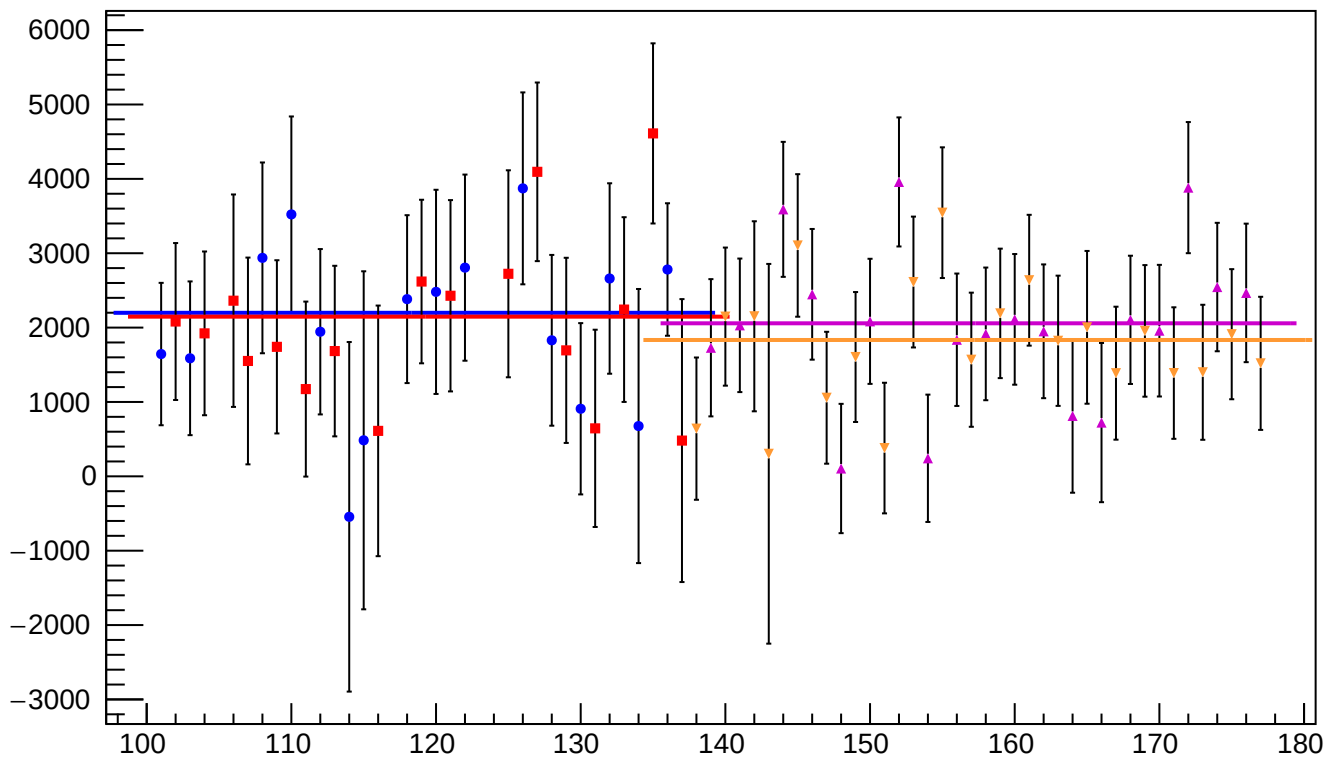


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1833.442+/-203.100

Right Out: 2147.149+/-304.804

Left In: 2057.776+/-205.782

χ^2/NDF : 8.6/15

χ^2/NDF : 14.0/20

χ^2/NDF : 11.4/16

χ^2/NDF : 25.4/18

Left: 1944.138+/-144.552

Right: 2172.848+/-216.219

In: 2101.566+/-170.893

Out: 1929.900+/-169.016

All: 2014.785+/-120.171

χ^2/NDF : 40.0/39

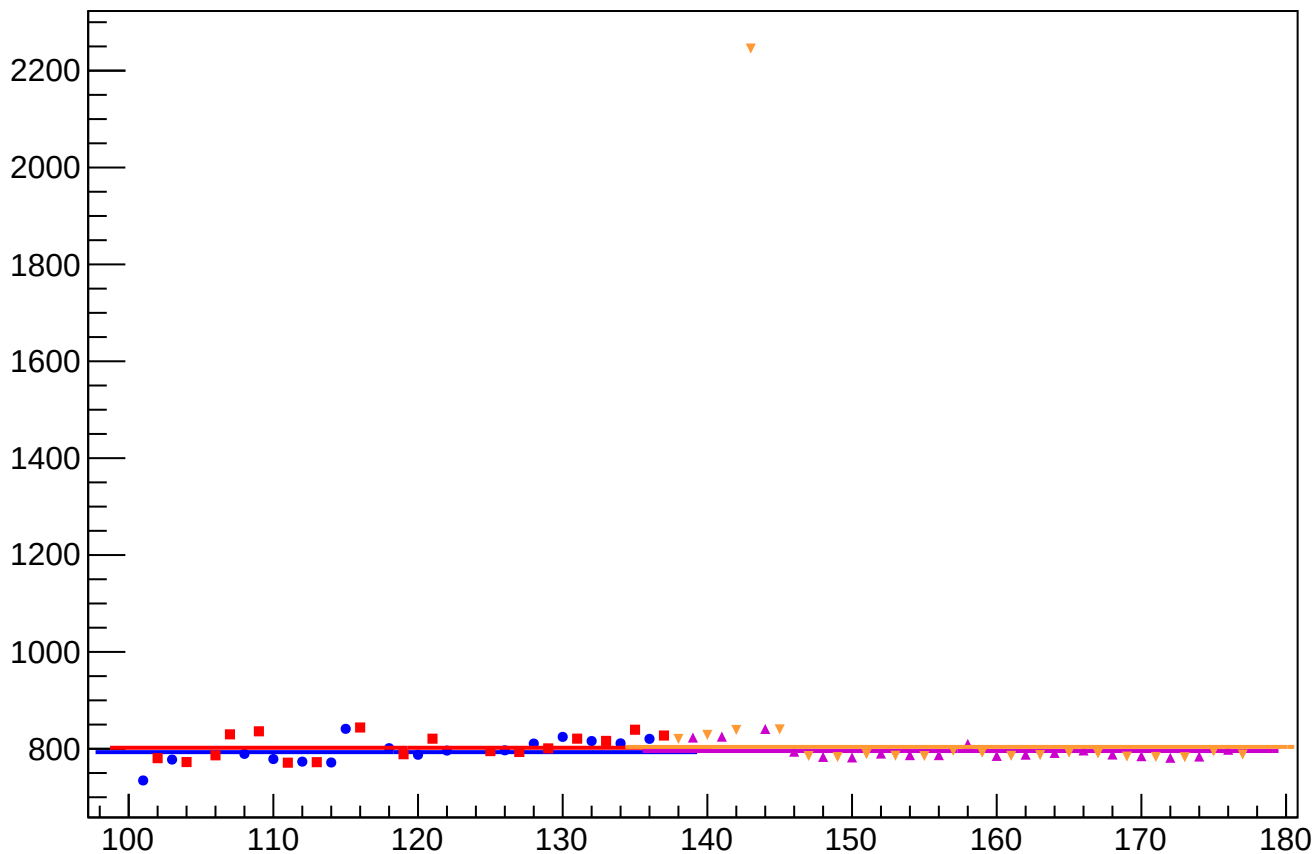
χ^2/NDF : 20.0/32

χ^2/NDF : 34.2/34

χ^2/NDF : 26.1/37

χ^2/NDF : 60.8/72

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.870 $\pm$ 0.144 χ^2 /NDF: 655580.2/20

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

Left In: 795.403 $\pm$ 0.146 χ^2 /NDF: 12640.1/18

Left: 799.692 $\pm$ 0.102 χ^2 /NDF: 669935.4/39

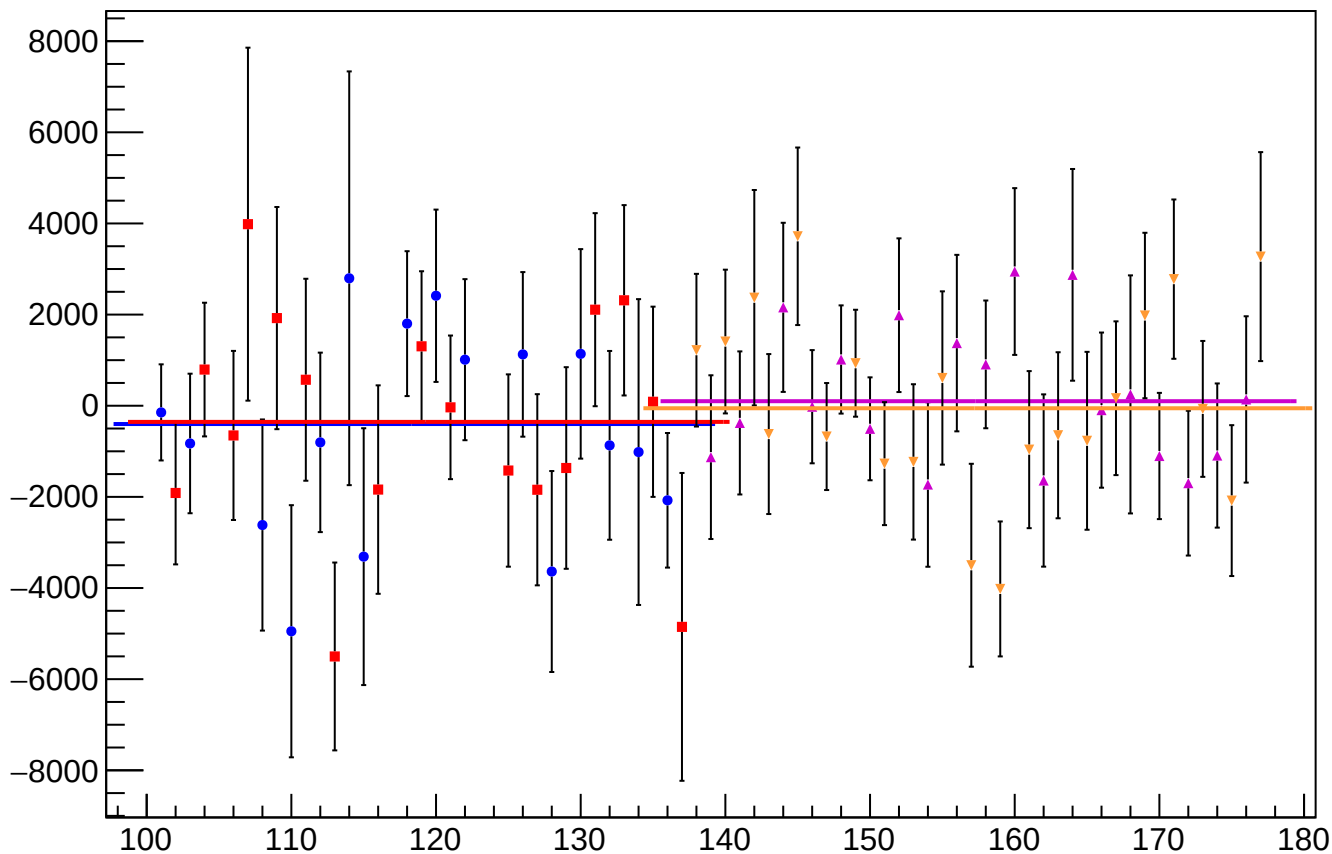
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 794.685 $\pm$ 0.121 χ^2 /NDF: 27421.5/34

Out: 803.340 $\pm$ 0.120 χ^2 /NDF: 668347.9/37

All: 799.061 $\pm$ 0.085 χ^2 /NDF: 698362.7/72

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -55.334 $\pm$ 360.531 χ^2/NDF : 26.3/20

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

Left In: 99.570 $\pm$ 366.240 χ^2/NDF : 13.0/18

Left: 20.901 $\pm$ 256.929 χ^2/NDF : 39.5/39

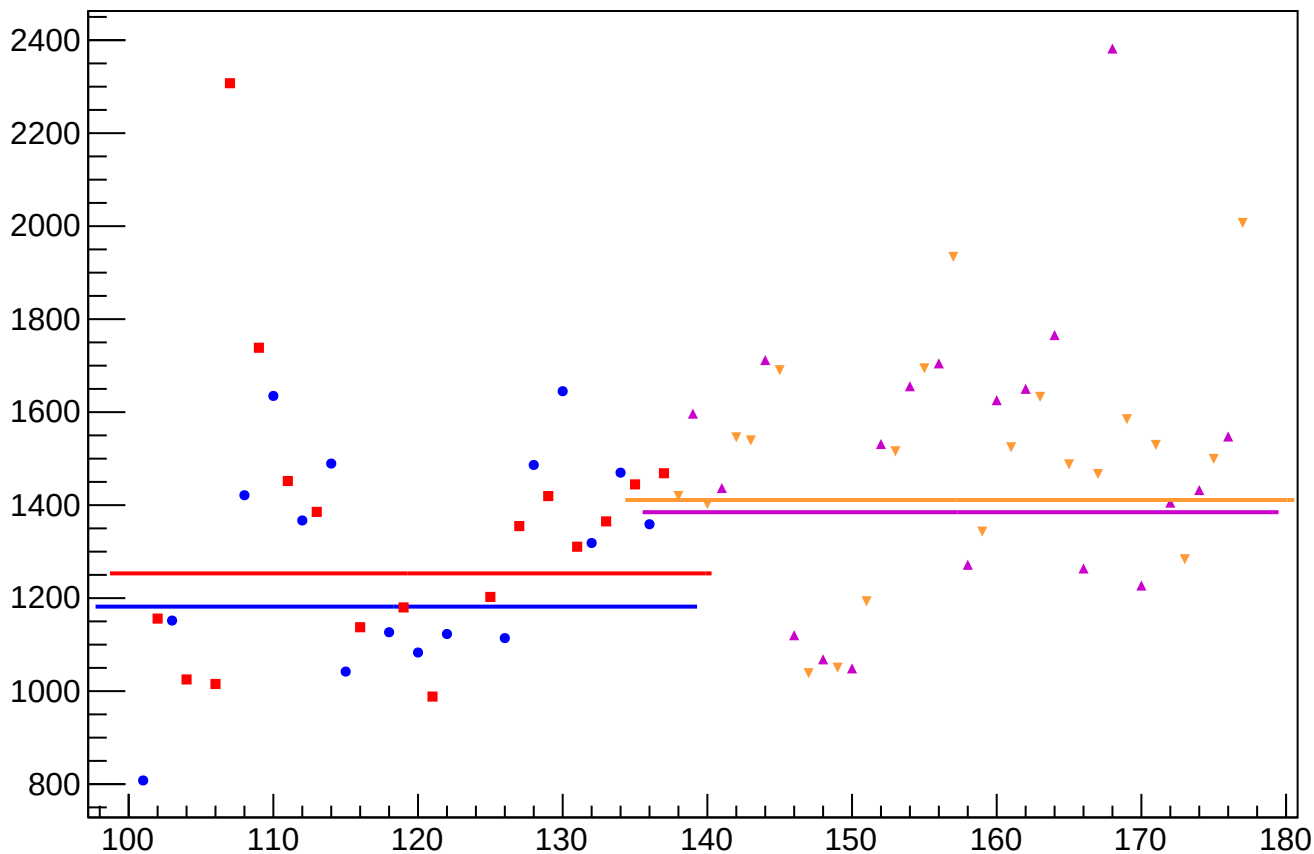
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: -90.390 $\pm$ 288.578 χ^2/NDF : 28.6/34

Out: -161.368 $\pm$ 289.667 χ^2/NDF : 44.0/37

All: -125.746 $\pm$ 204.440 χ^2/NDF : 72.6/72

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1411.079 $\pm$ 0.255 χ^2 /NDF: 893699.0/20

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

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

Left: 1398.169 $\pm$ 0.182 χ^2 /NDF: 2002438.9/39

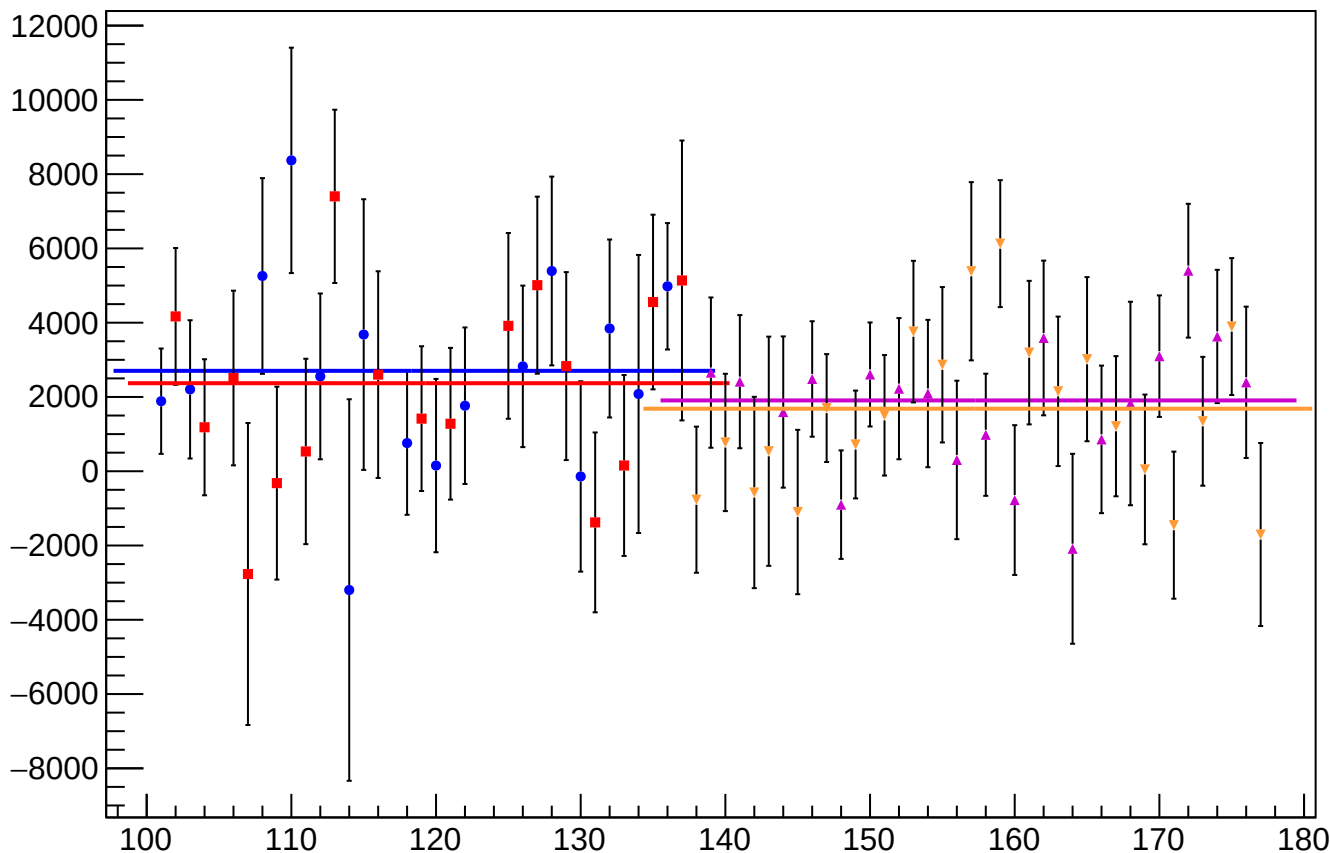
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

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

Out: 1355.122 $\pm$ 0.205 χ^2 /NDF: 1485253.5/37

All: 1331.398 $\pm$ 0.145 χ^2 /NDF: 3392151.0/72

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1683.996 $\pm$ 420.676 χ^2 /NDF:23.0/20

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

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

Left: 1794.582 $\pm$ 298.694 χ^2 /NDF: 38.8/39

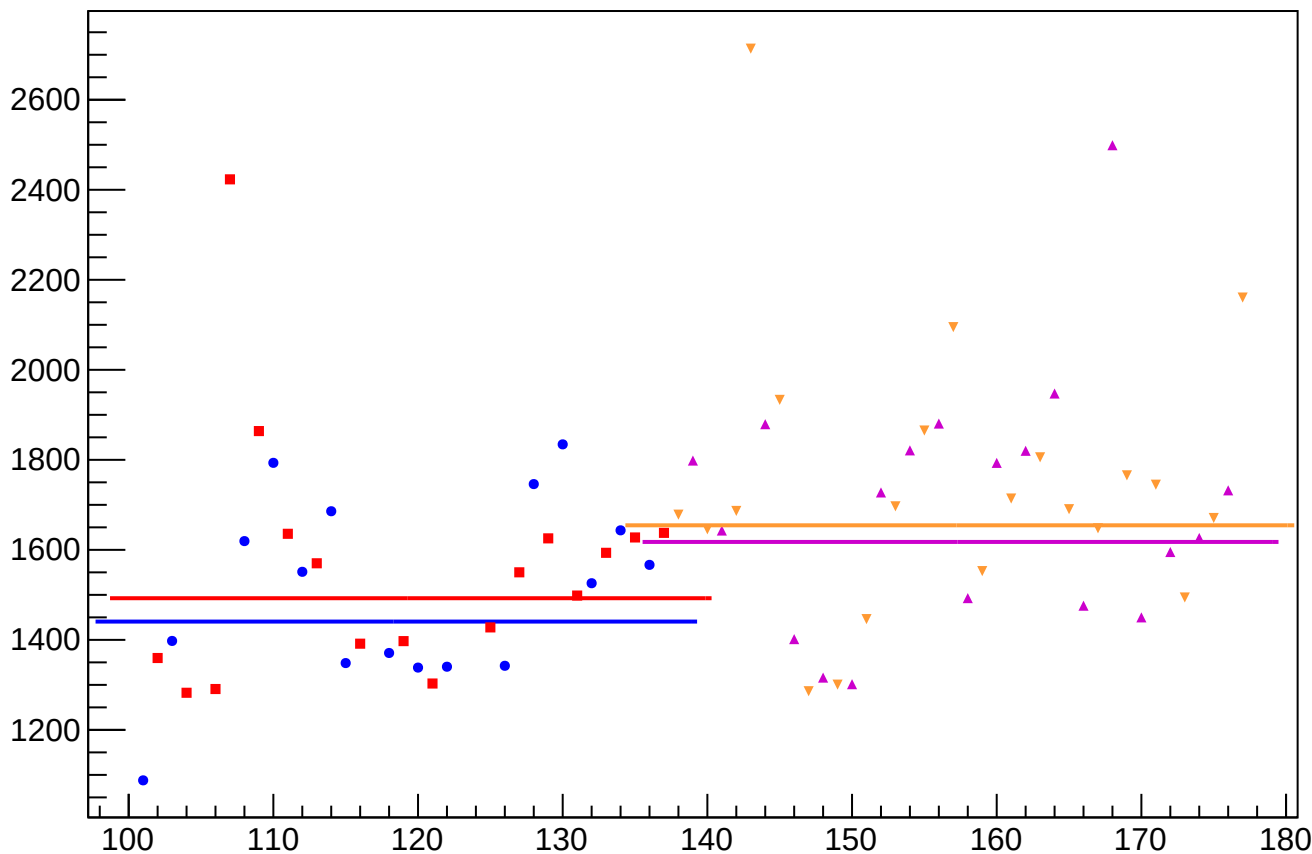
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

Out: 1924.206 $\pm$ 339.201 χ^2 /NDF:40.0/37

All: 2059.395 $\pm$ 239.820 χ^2 /NDF: 70.2/72

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1654.539 $\pm$ 0.297 χ^2 /NDF: 769605.5/20

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

Left In: 1617.590 $\pm$ 0.300 χ^2 /NDF: 656680.9/18

Left: 1636.217 $\pm$ 0.211 χ^2 /NDF: 1433936.8/39

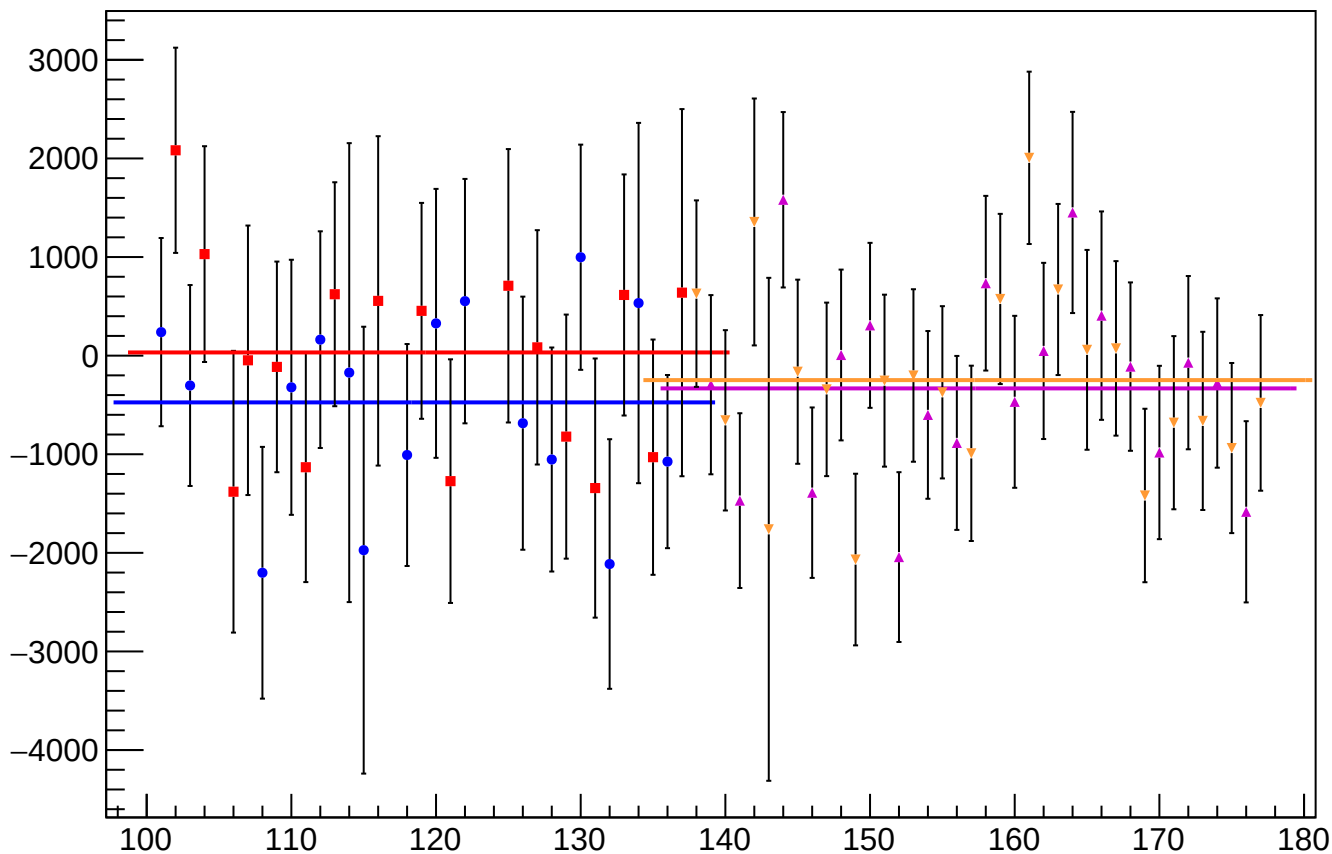
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1553.738 $\pm$ 0.240 χ^2 /NDF: 1064523.3/34

Out: 1597.861 $\pm$ 0.240 χ^2 /NDF: 1124885.4/37

All: 1575.794 $\pm$ 0.170 χ^2 /NDF: 2206333.3/72

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -248.131+/-201.170 χ^2/NDF : 20.0/20

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

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

Left: -289.646+/-143.187 χ^2/NDF : 40.8/39

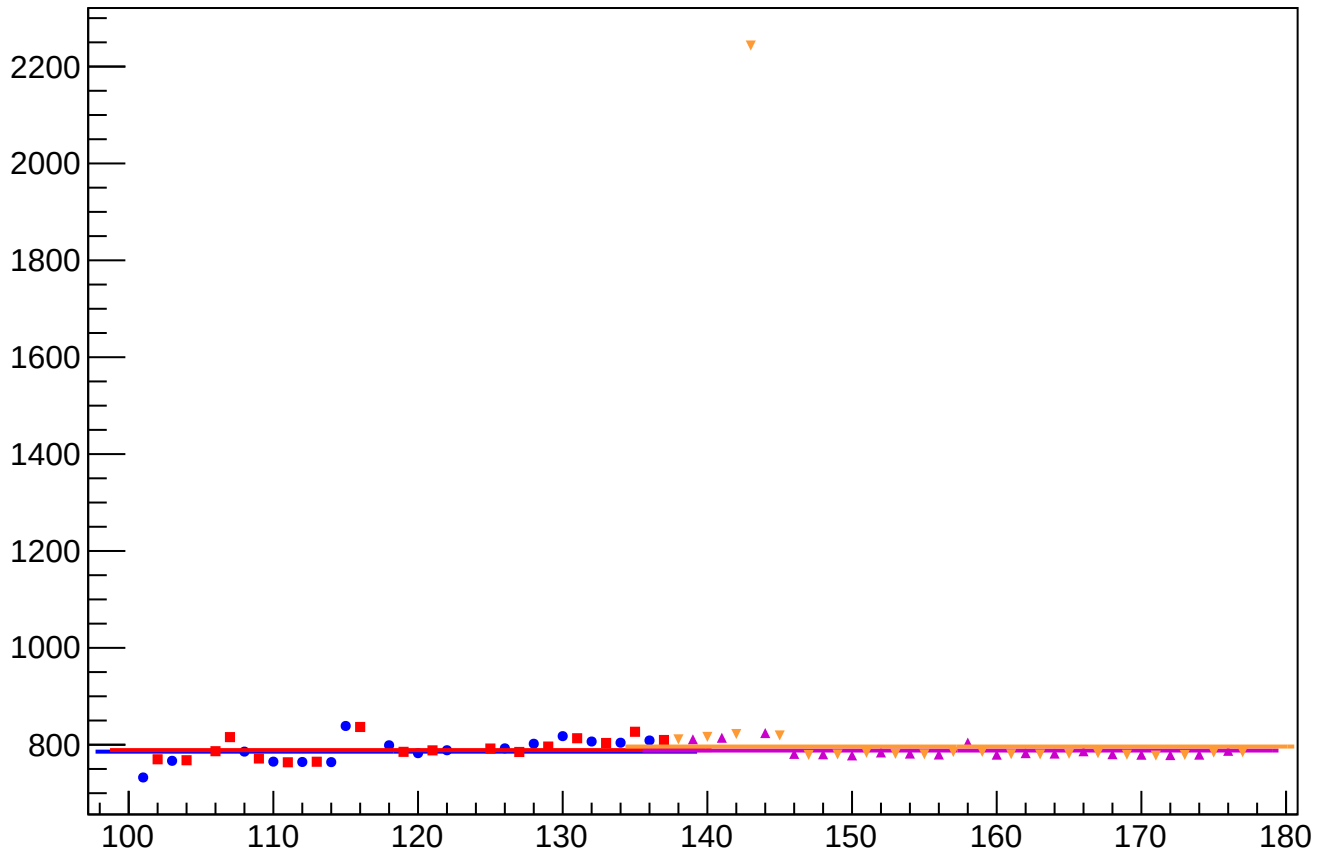
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

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

Out: -160.943+/-167.015 χ^2/NDF : 31.9/37

All: -267.159+/-118.895 χ^2/NDF : 62.4/72

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 796.297 $\pm$ 0.142 χ^2 /NDF: 656646.1/20

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

Left In: 788.030 $\pm$ 0.144 χ^2 /NDF: 9057.2/18

Left: 792.218 $\pm$ 0.101 χ^2 /NDF: 667369.6/39

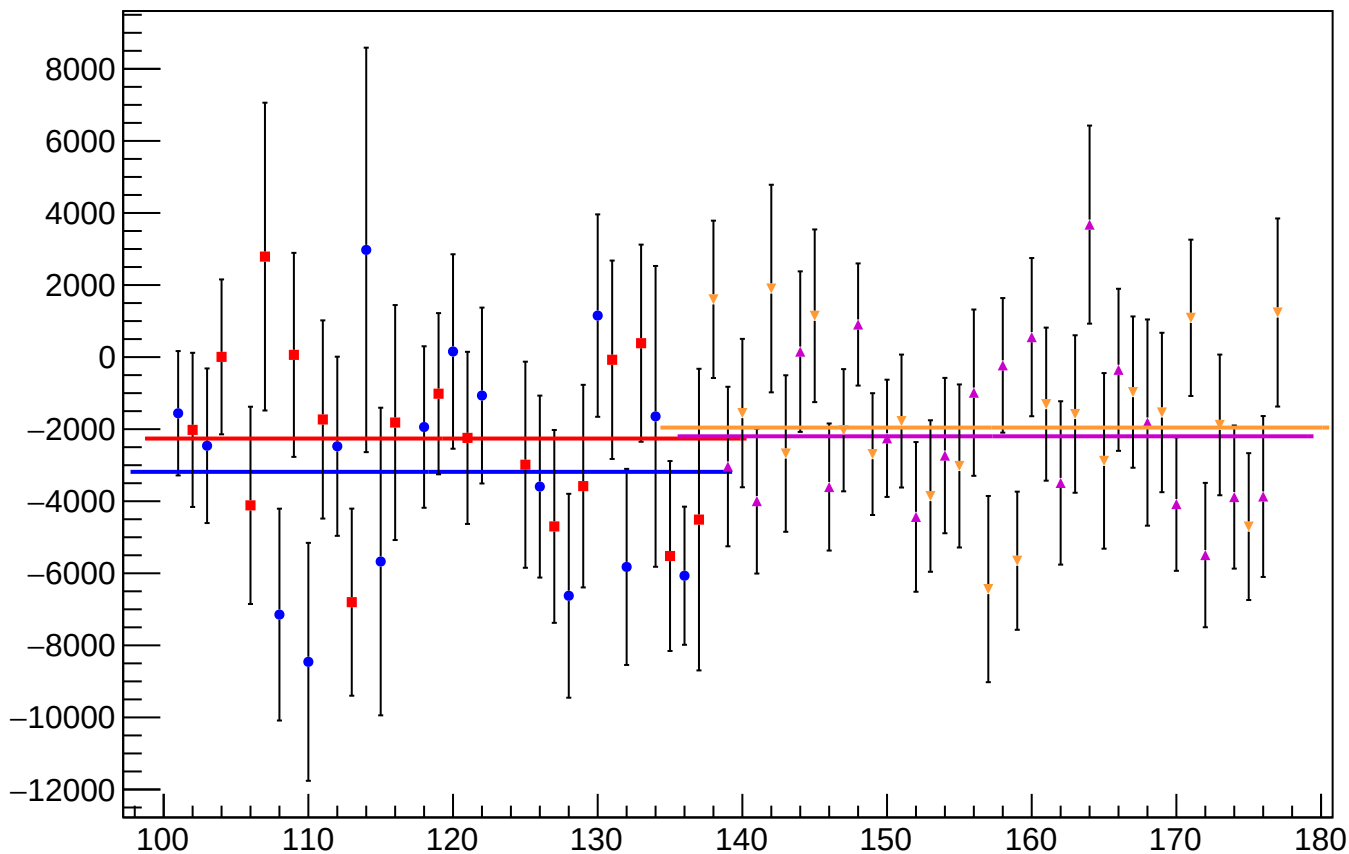
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 787.321 $\pm$ 0.120 χ^2 /NDF: 23056.6/34

Out: 794.011 $\pm$ 0.118 χ^2 /NDF: 667002.3/37

All: 790.711 $\pm$ 0.084 χ^2 /NDF: 691641.5/72

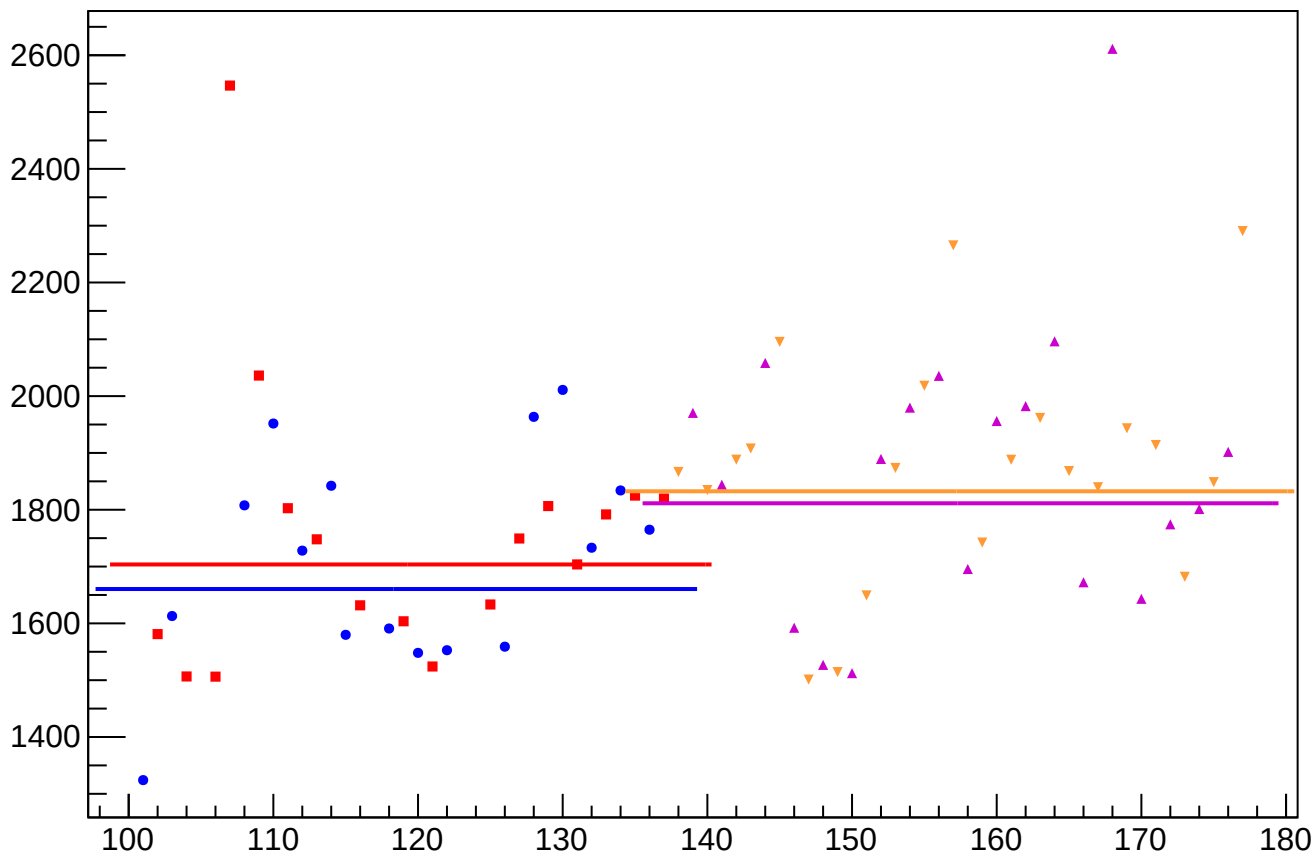
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -1955.963 $\pm$ 462.228 χ^2/NDF :20.1/20
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -2198.264 $\pm$ 472.973 χ^2/NDF :20.8/18

Left: -2074.330 $\pm$ 330.578 χ^2/NDF : 41.0/39
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2541.506 $\pm$ 381.902 χ^2/NDF :39.2/34
 Out: -2057.748 $\pm$ 377.073 χ^2/NDF :31.8/37
 All: -2296.550 $\pm$ 268.322 χ^2/NDF : 71.7/72

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1832.491 $\pm$ 0.327 χ^2 /NDF: 359718.7/20

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

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

Left: 1822.173 $\pm$ 0.234 χ^2 /NDF: 819456.7/39

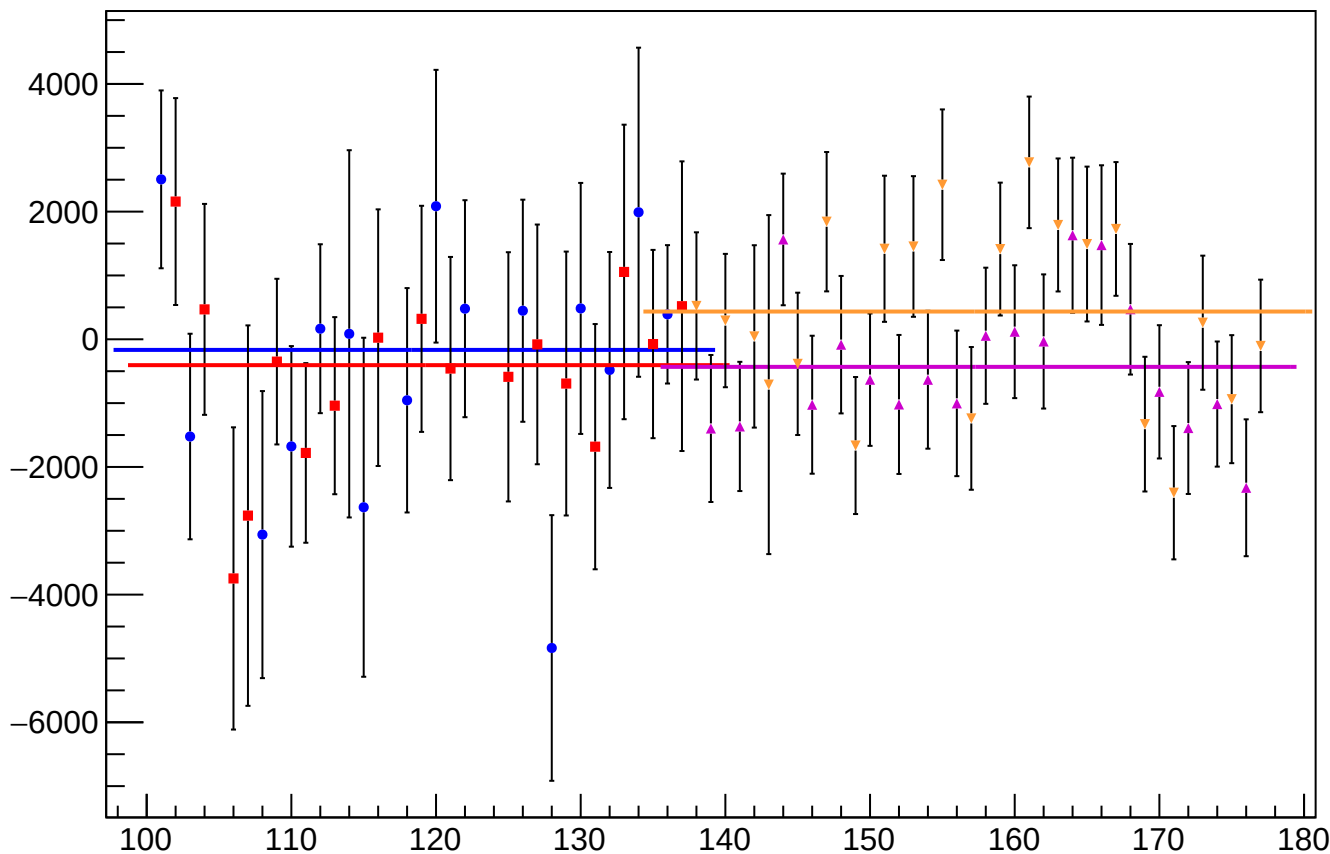
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1789.402 $\pm$ 0.267 χ^2 /NDF: 582700.8/37

All: 1774.320 $\pm$ 0.190 χ^2 /NDF: 1296945.4/72

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 434.731+/-242.967 χ^2/NDF : 35.3/20

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

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

Left: 6.603+/-172.836 χ^2/NDF : 59.1/39

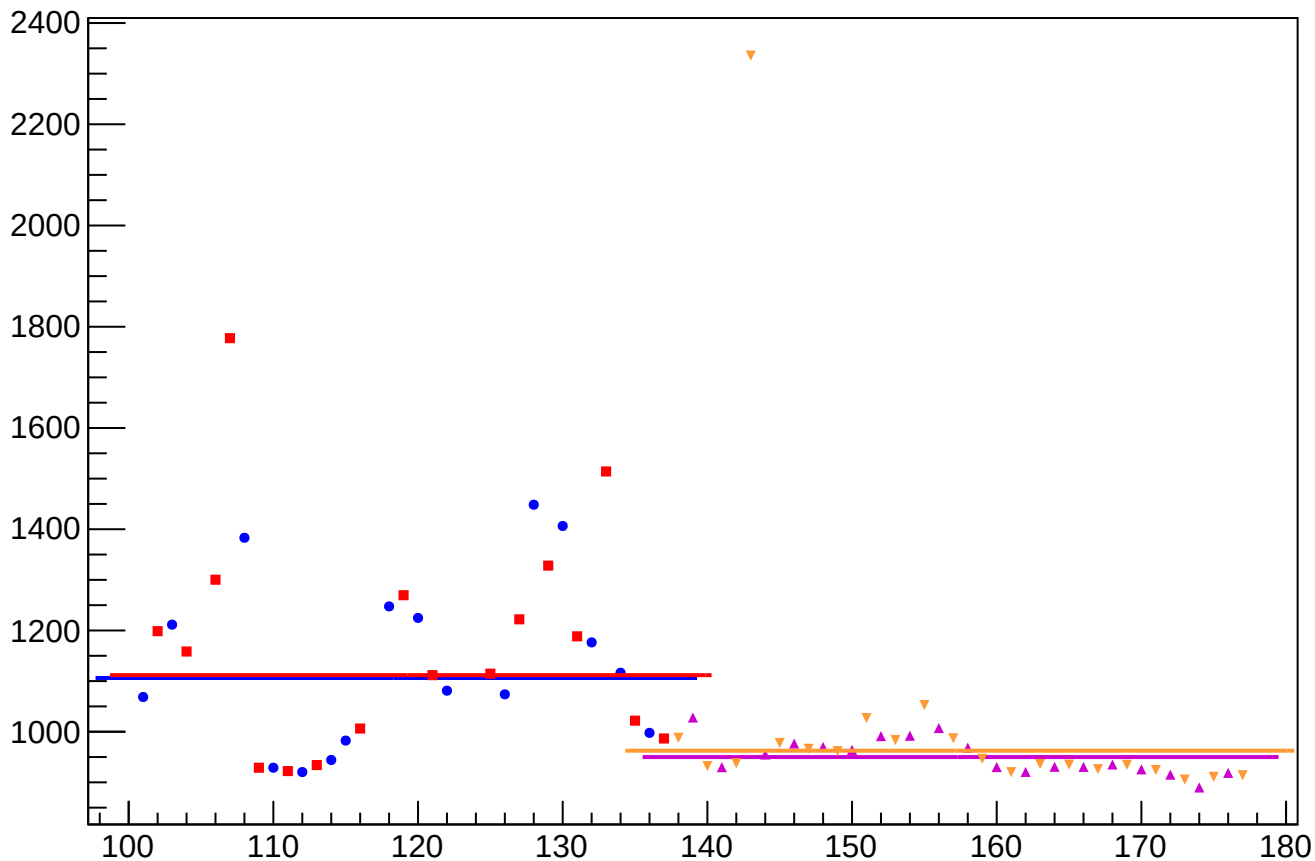
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

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

Out: 230.449+/-211.369 χ^2/NDF : 46.2/37

All: -64.926+/-150.311 χ^2/NDF : 83.4/72

asym_us_dd_rms vs Slug, Sign Corrected



Left: 956.328 ± 0.122 $\chi^2/\text{NDF}: 629152.5/39$

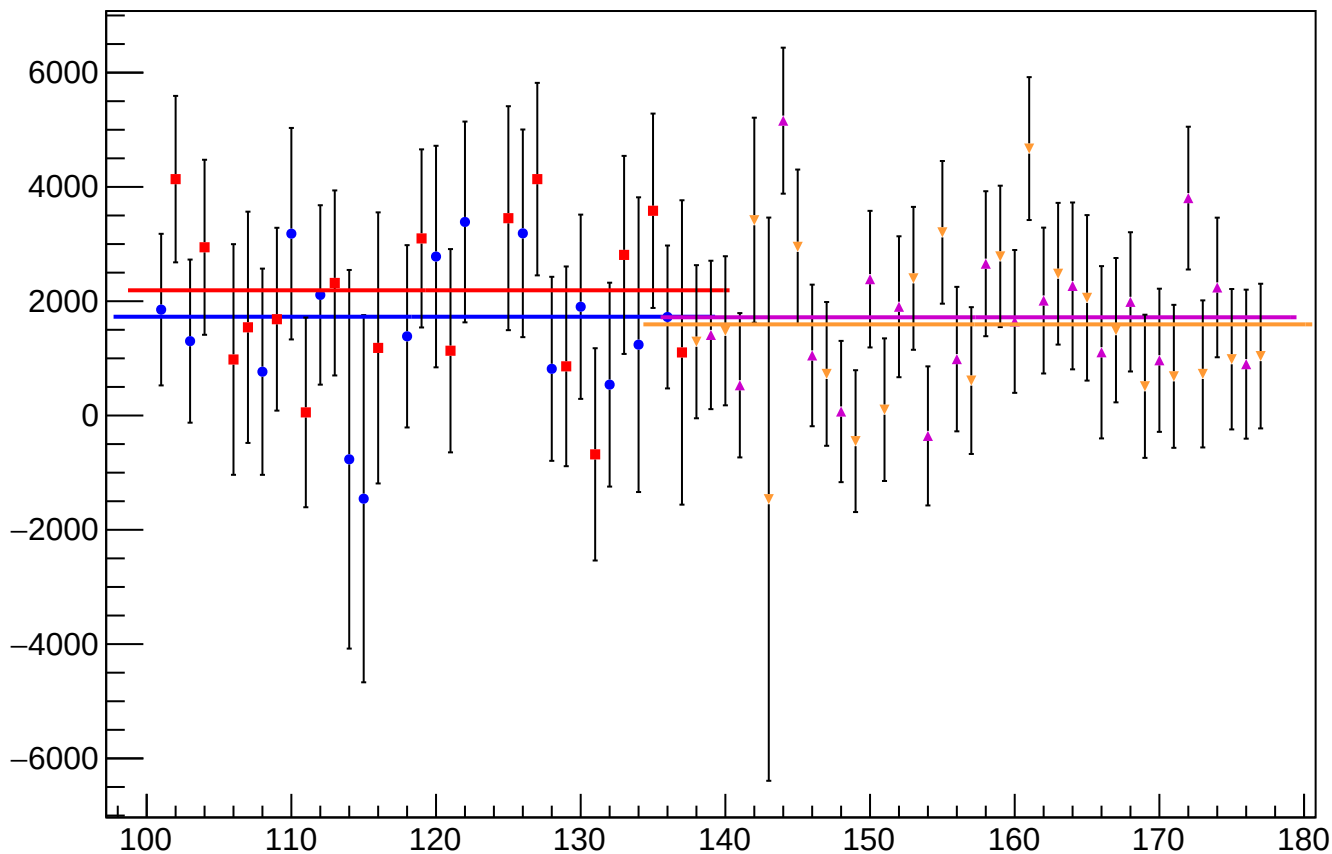
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 988.091 ± 0.151 $\chi^2/\text{NDF}: 497063.0/34$

Out: 998.830 ± 0.149 $\chi^2/\text{NDF}: 1126108.3/37$

All: 993.522 ± 0.106 $\chi^2/\text{NDF}: 1625723.0/72$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1594.935 $\pm$ 287.845 χ^2 /NDF:19.5/20

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

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

Left: 1656.260 $\pm$ 204.707 χ^2 /NDF: 38.2/39

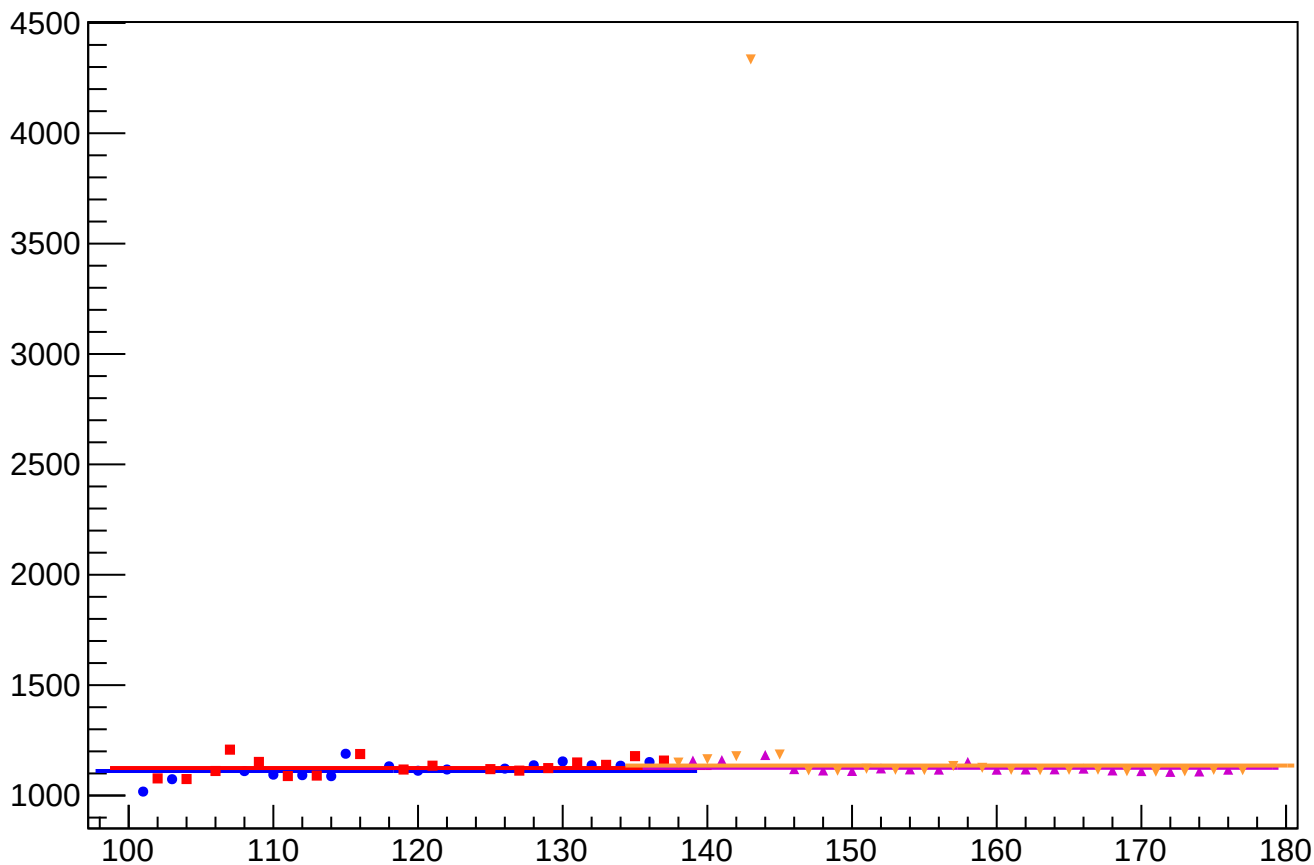
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

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

Out: 1781.029 $\pm$ 238.717 χ^2 /NDF:31.7/37

All: 1751.798 $\pm$ 169.624 χ^2 /NDF: 55.5/72

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.701+/-0.204 χ^2/NDF : 856120.7/20

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

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

Left: 1130.691+/-0.145 χ^2/NDF : 867415.6/39

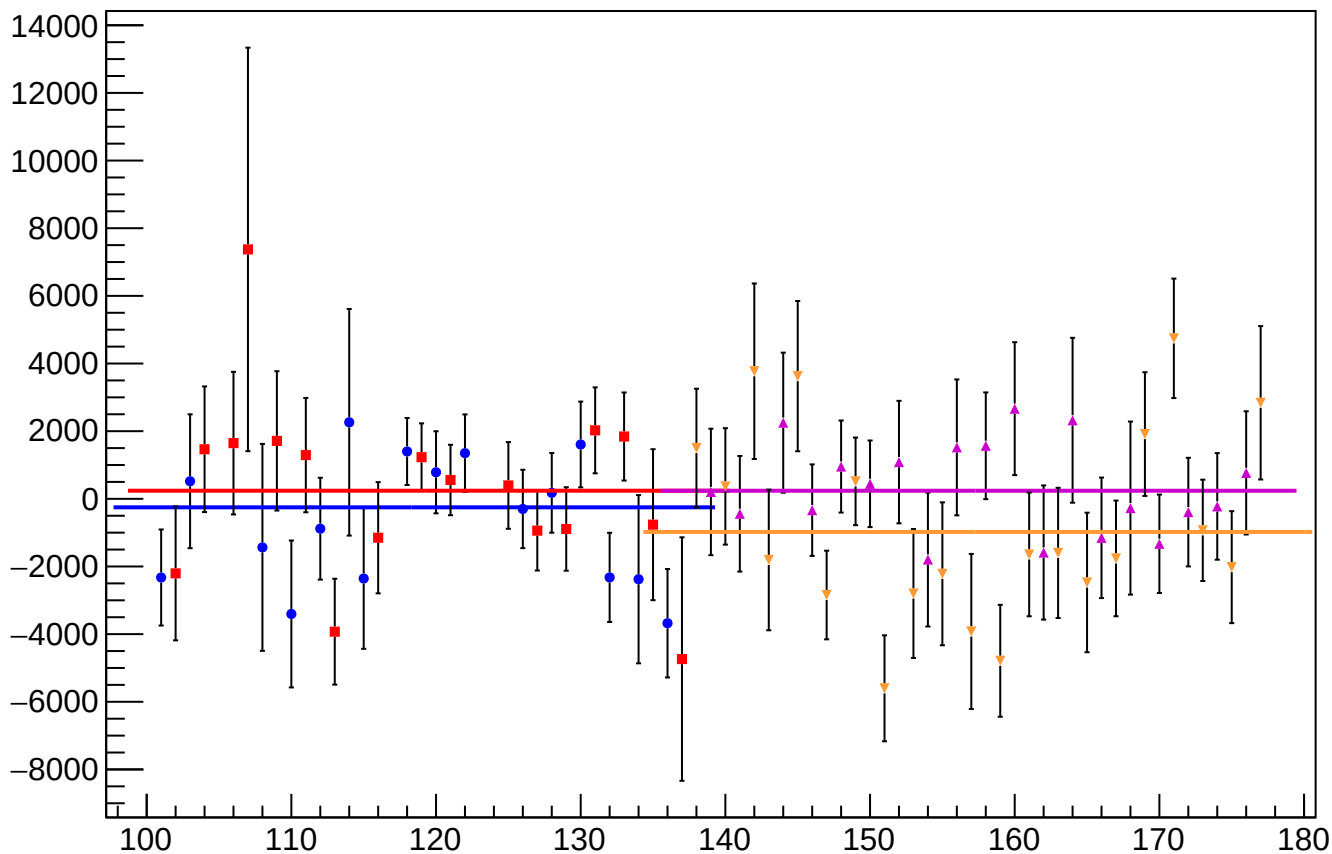
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

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

Out: 1132.208+/-0.169 χ^2/NDF : 871664.5/37

All: 1126.657+/-0.120 χ^2/NDF : 903574.2/72

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -978.585 $\pm$ 387.562 χ^2/NDF : 47.9/20

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

Left In: 239.183 $\pm$ 392.753 χ^2/NDF : 9.2/18

Left: -377.802 $\pm$ 275.865 χ^2/NDF : 62.0/39

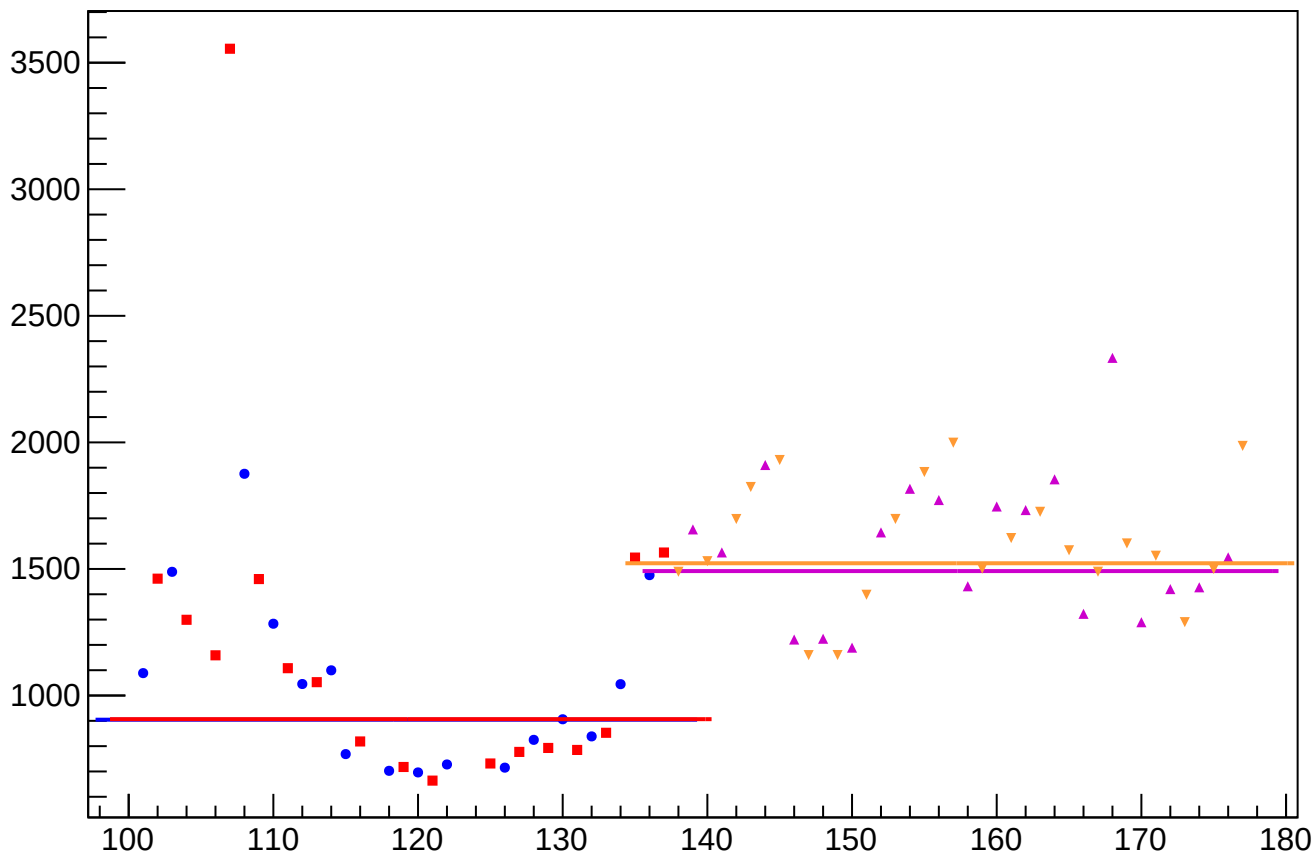
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -24.046 $\pm$ 267.348 χ^2/NDF : 31.9/34

Out: -330.935 $\pm$ 265.264 χ^2/NDF : 74.2/37

All: -178.691 $\pm$ 188.303 χ^2/NDF : 106.8/72

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1522.530+/-0.274 χ^2/NDF : 770394.8/20

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

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

Left: 1507.286+/-0.195 χ^2/NDF : 1646579.1/39

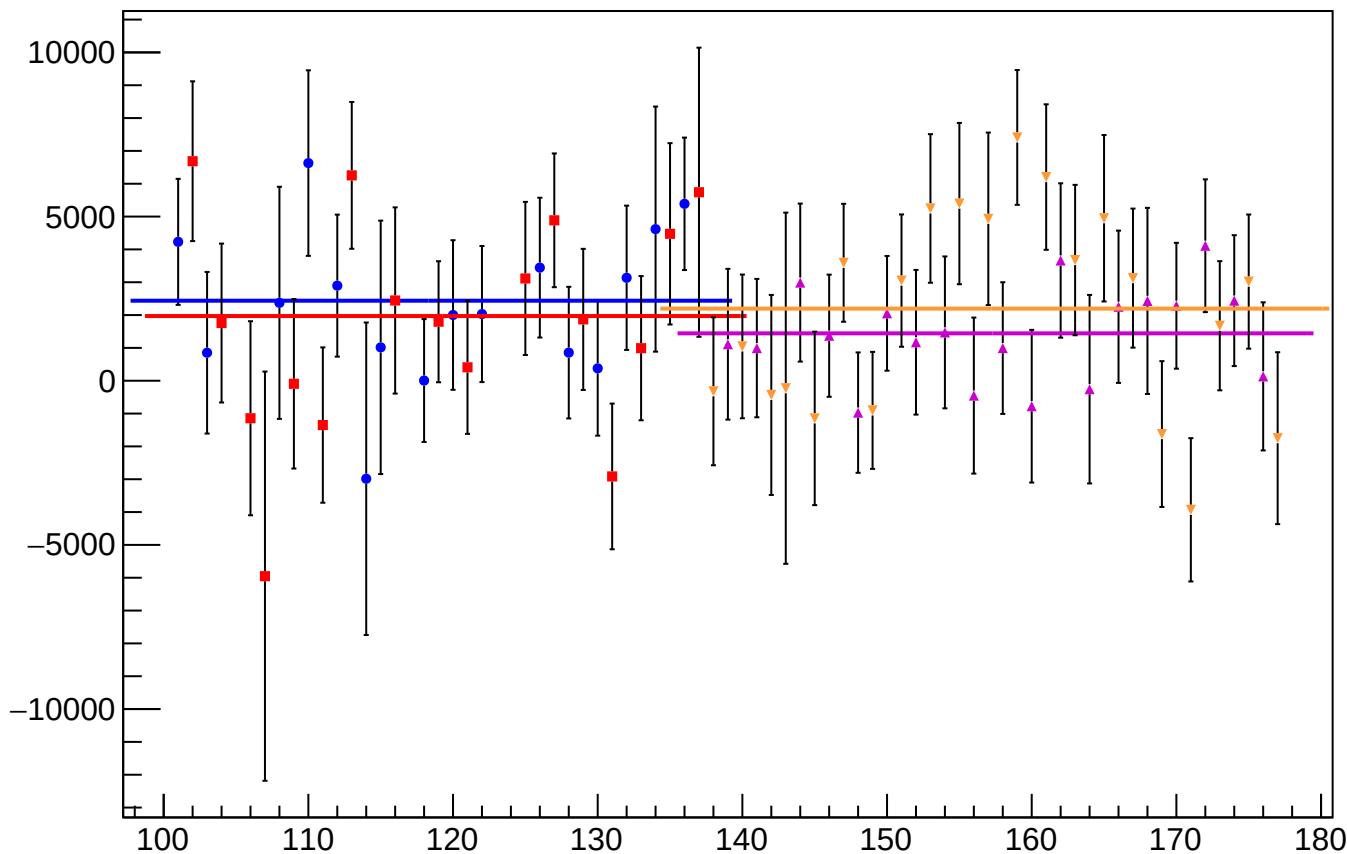
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

Out: 1195.138+/-0.188 χ^2/NDF : 4831520.2/37

All: 1185.914+/-0.133 χ^2/NDF : 9126023.1/72

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 ± 586.231 $\chi^2/\text{NDF}: 11.2/15$

Left Out: 2196.552 ± 491.721 $\chi^2/\text{NDF}: 37.3/20$

Right Out: 1970.445 ± 586.663 $\chi^2/\text{NDF}: 22.3/16$

Left In: 1442.877 ± 494.899 $\chi^2/\text{NDF}: 8.0/18$

Left: 1822.142 ± 348.818 $\chi^2/\text{NDF}: 46.5/39$

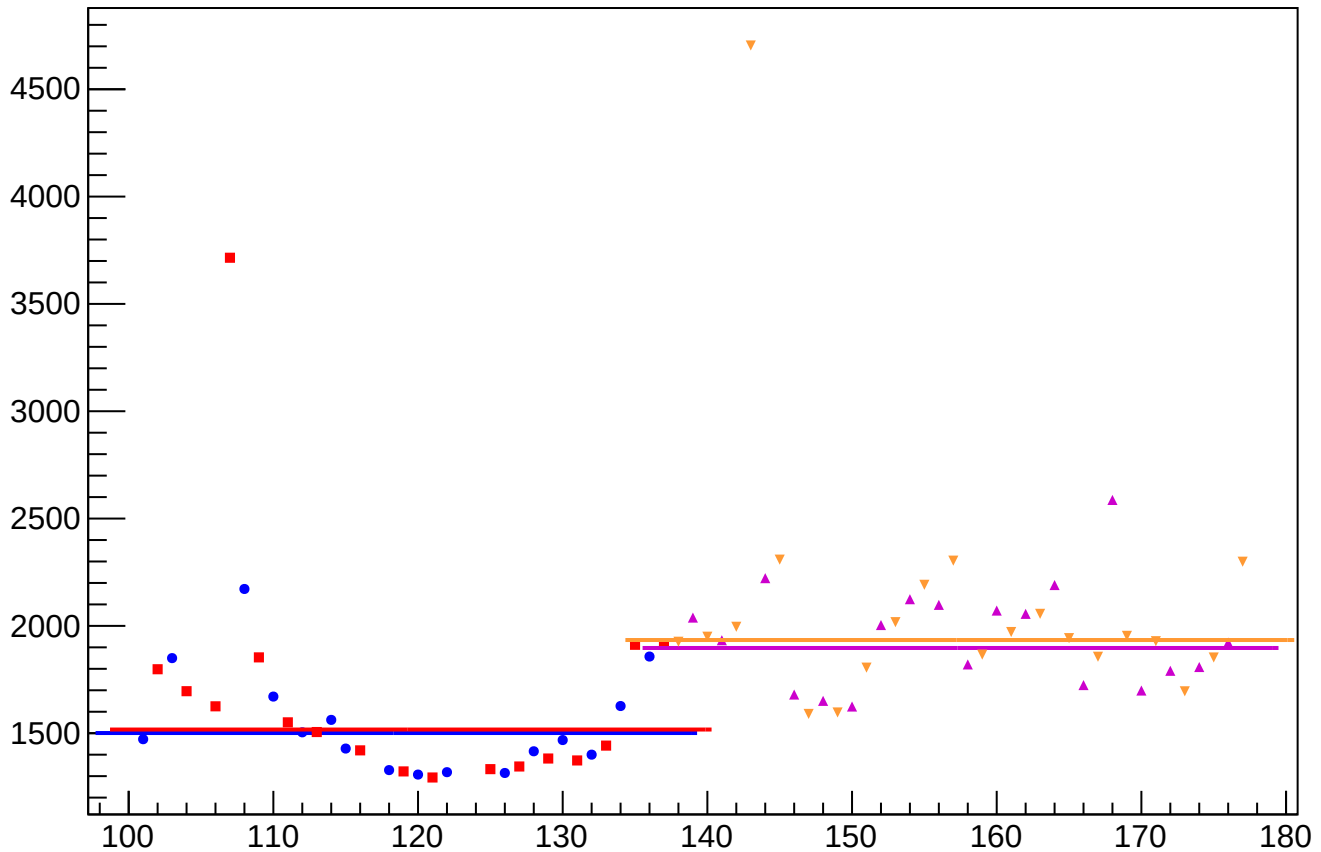
Right: 2204.149 ± 414.681 $\chi^2/\text{NDF}: 33.8/32$

In: 1856.764 ± 378.163 $\chi^2/\text{NDF}: 20.8/34$

Out: 2103.252 ± 376.854 $\chi^2/\text{NDF}: 59.7/37$

All: 1980.435 ± 266.937 $\chi^2/\text{NDF}: 80.7/72$

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1934.145 ± 0.348 $\chi^2/\text{NDF}: 878051.4/20$

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

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

Left: 1915.717 ± 0.247 $\chi^2/\text{NDF}: 1283581.2/39$

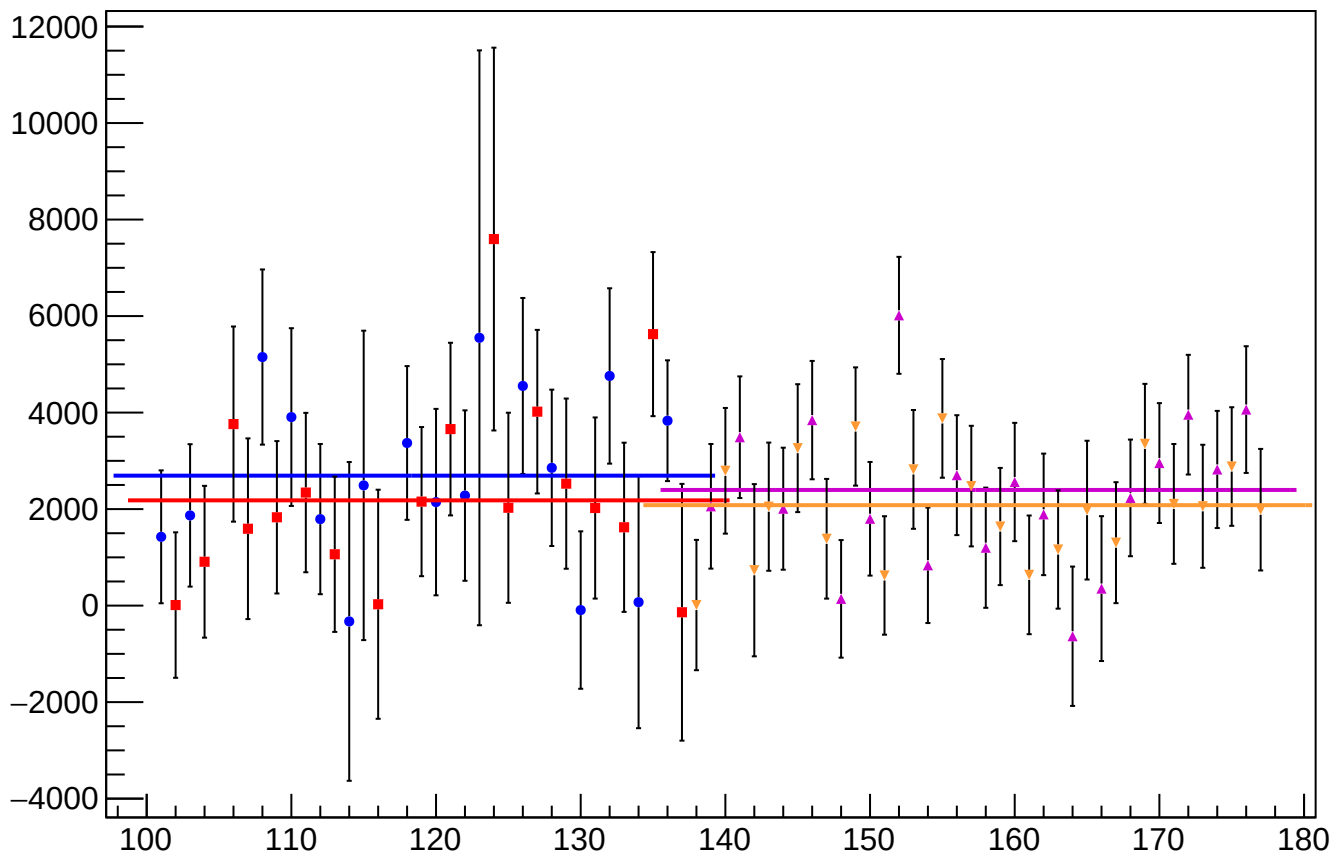
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

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

Out: 1762.065 ± 0.266 $\chi^2/\text{NDF}: 1946683.5/37$

All: 1747.172 ± 0.189 $\chi^2/\text{NDF}: 3142499.2/72$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2081.465 $\pm$ 278.858 χ^2 /NDF:14.0/20

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

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

Left: 2233.923 $\pm$ 200.376 χ^2 /NDF: 42.2/39

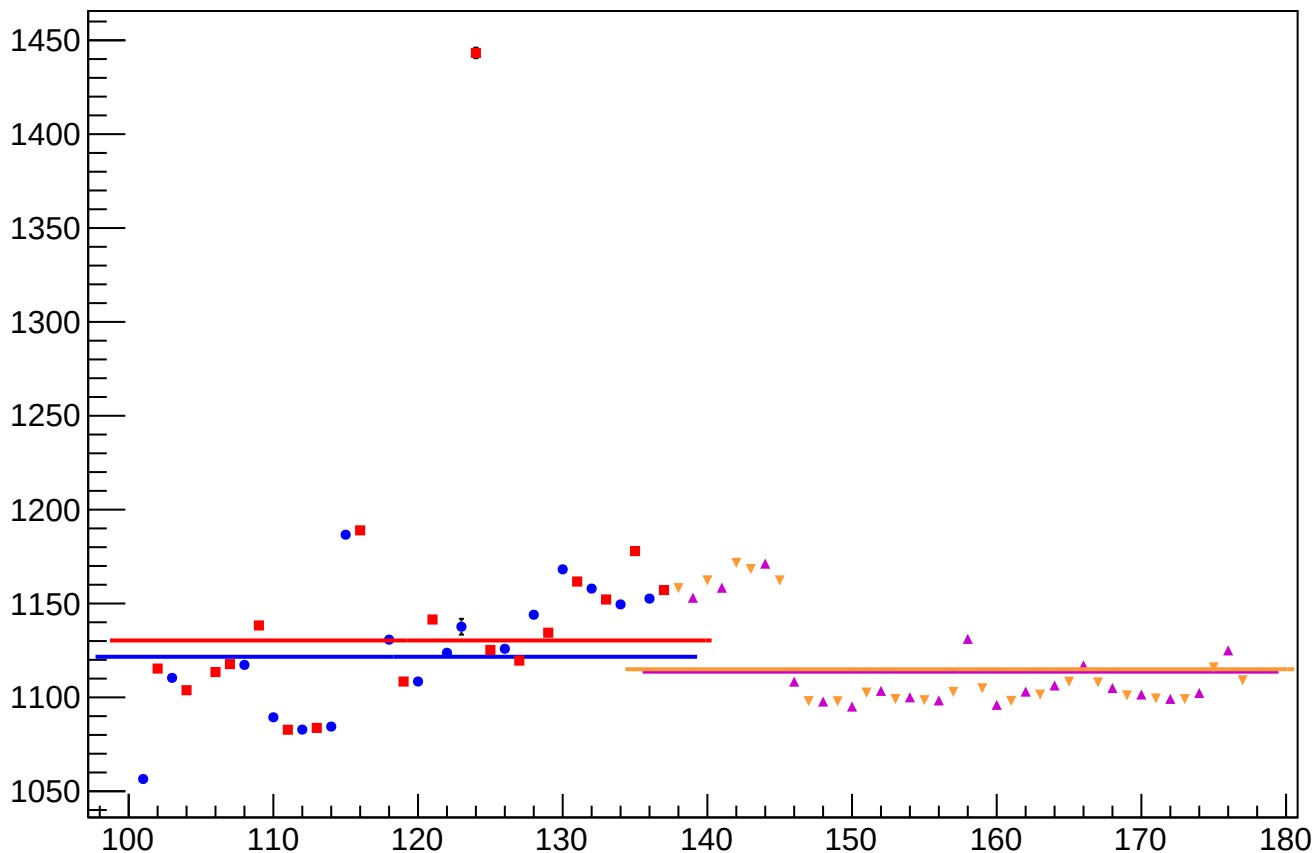
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2111.370 $\pm$ 233.225 χ^2 /NDF:27.6/38

All: 2294.313 $\pm$ 167.192 χ^2 /NDF: 69.0/74

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626+/-0.306 χ^2/NDF : 11980.2/16

Left Out: 1114.994+/-0.197 χ^2/NDF : 16110.6/20

Right Out: 1130.316+/-0.301 χ^2/NDF : 21276.1/17

Left In: 1113.706+/-0.204 χ^2/NDF : 12007.6/18

Left: 1114.371+/-0.142 χ^2/NDF : 28138.8/39

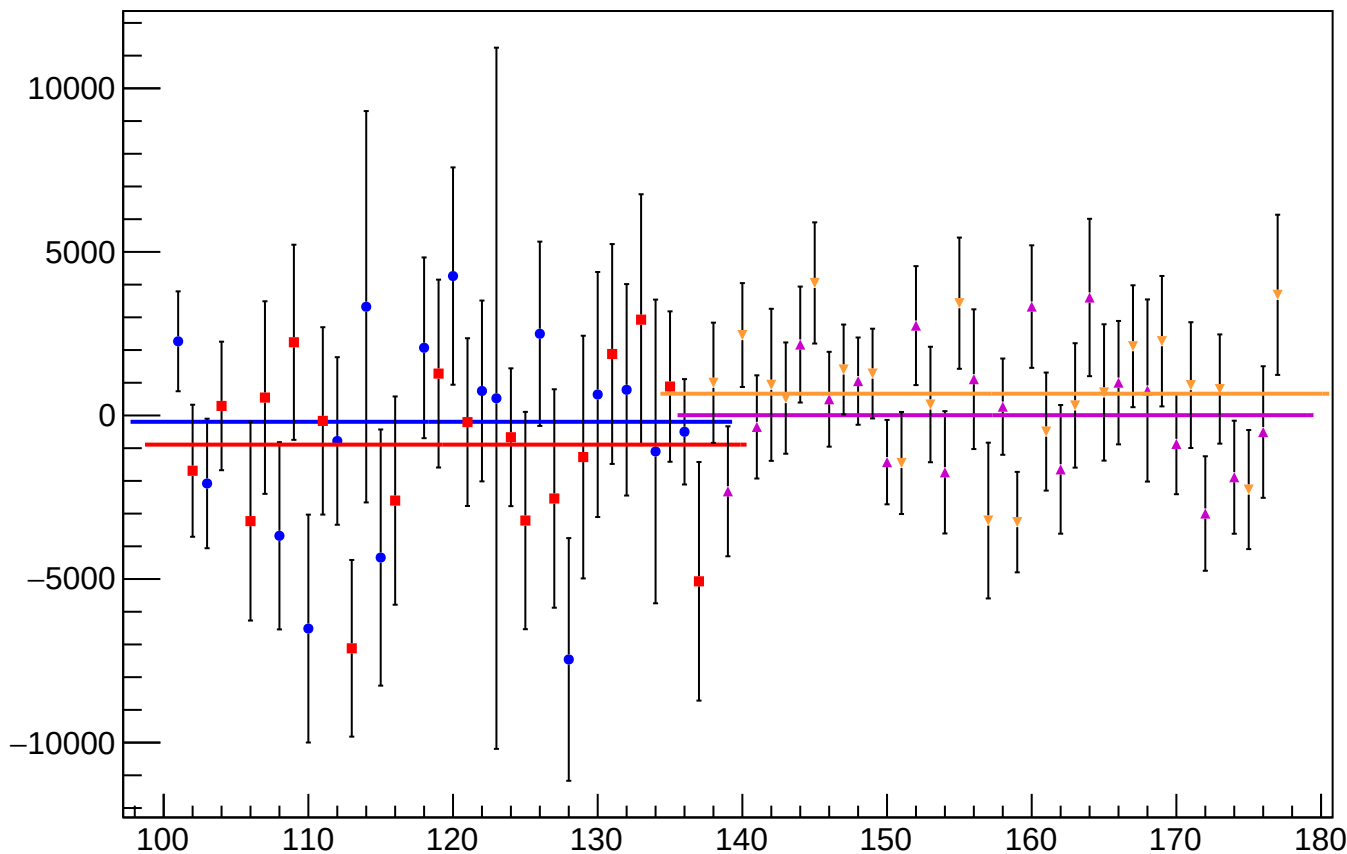
Right: 1126.044+/-0.214 χ^2/NDF : 33666.6/34

In: 1116.140+/-0.170 χ^2/NDF : 24452.2/35

Out: 1119.599+/-0.165 χ^2/NDF : 39201.1/38

All: 1117.917+/-0.118 χ^2/NDF : 63867.1/74

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 665.569+/-388.995 χ^2/NDF : 24.0/20

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

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

Left: 344.000+/-277.898 χ^2/NDF : 44.7/39

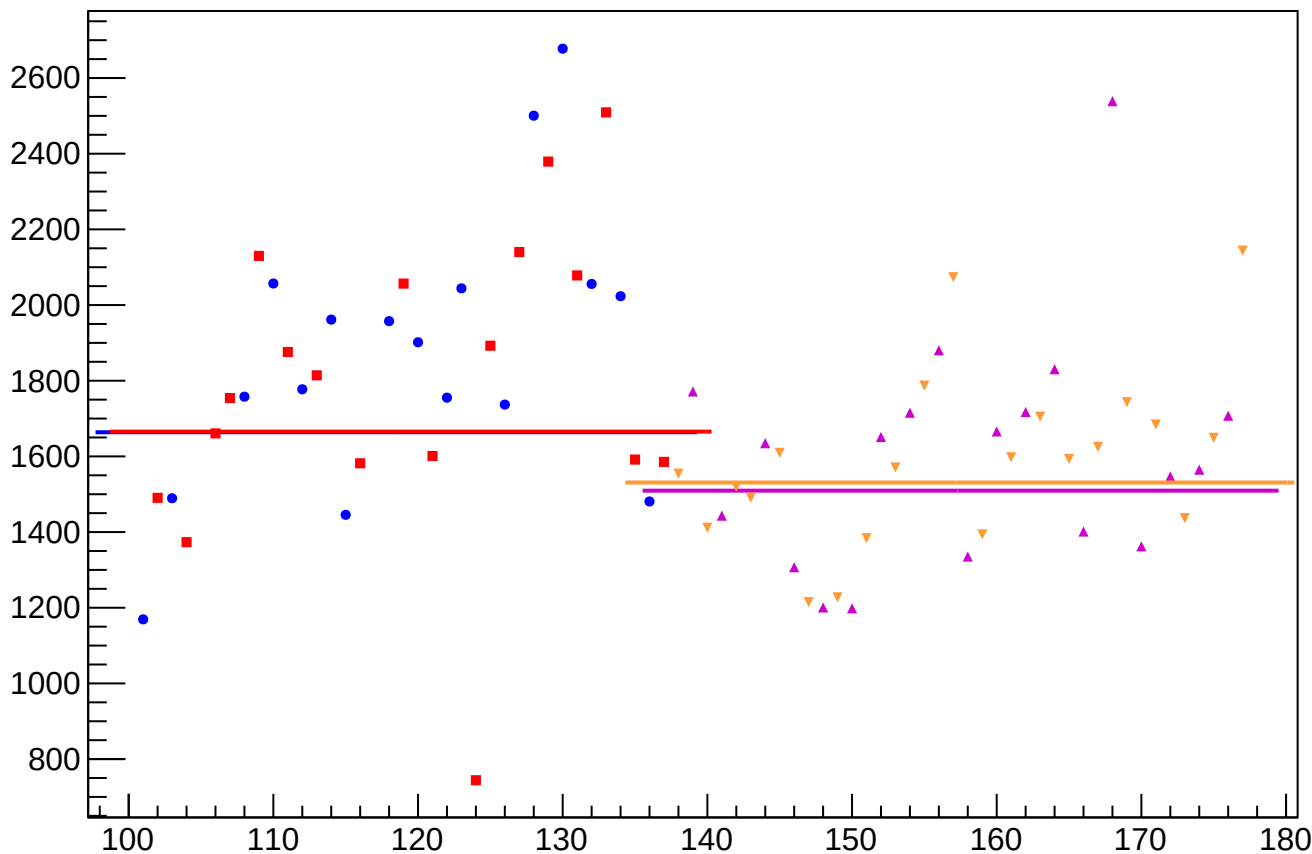
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

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

Out: 254.528+/-333.707 χ^2/NDF : 41.3/38

All: 107.769+/-238.277 χ^2/NDF : 78.4/74

asym_usr_correction_rms vs Slug, Sign Corrected



Right In: 1663.779 $\pm$ 0.467 χ^2 /NDF: 622477.6/16

Left Out: 1530.959 $\pm$ 0.275 χ^2 /NDF: 593376.4/20

Right Out: 1665.466 $\pm$ 0.459 χ^2 /NDF: 802791.6/17

Left In: 1509.408 $\pm$ 0.281 χ^2 /NDF: 828066.3/18

Left: 1520.407 $\pm$ 0.197 χ^2 /NDF: 1424448.5/39

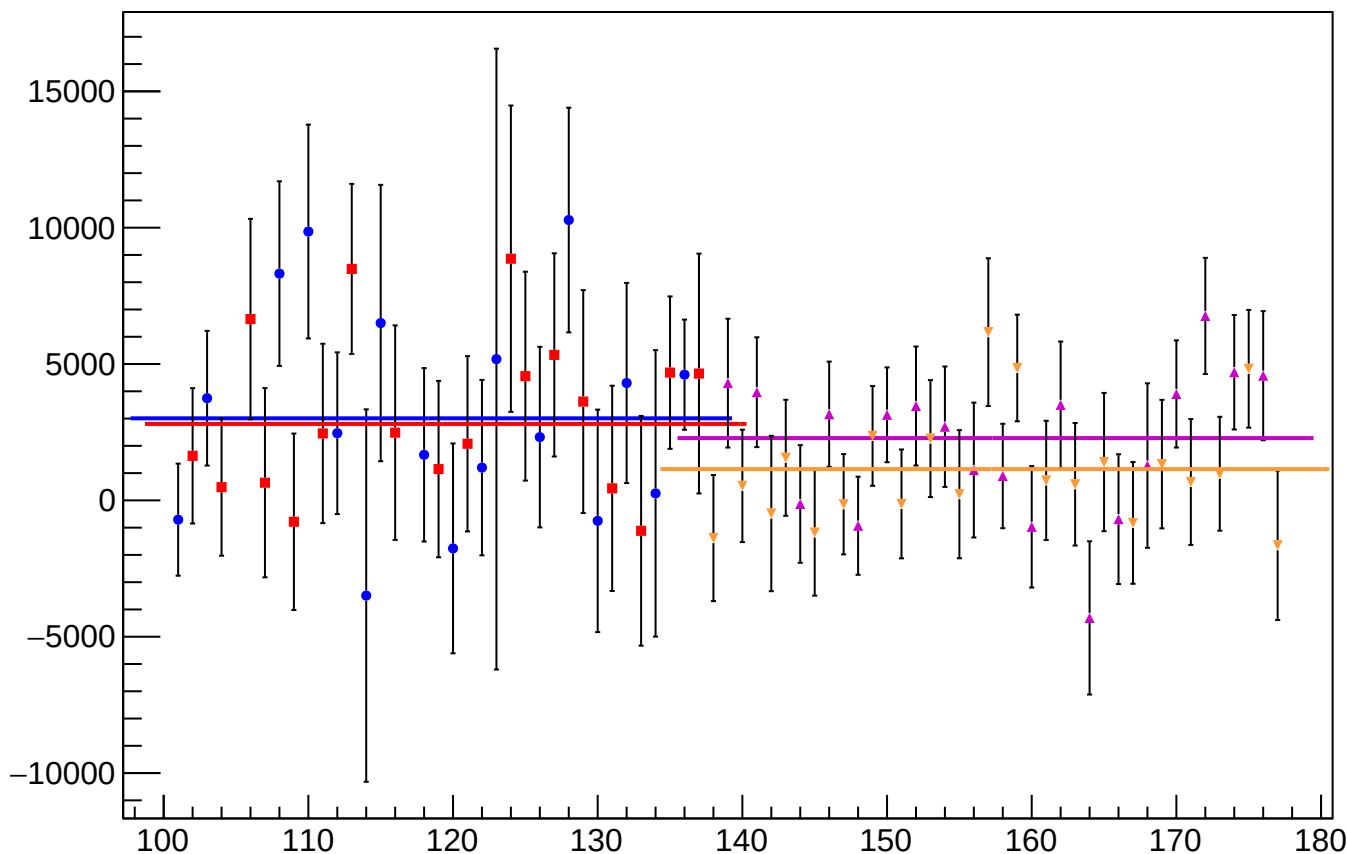
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1550.412 $\pm$ 0.241 χ^2 /NDF: 1530808.7/35

Out: 1566.477 $\pm$ 0.236 χ^2 /NDF: 1459312.3/38

All: 1558.602 $\pm$ 0.168 χ^2 /NDF: 2992392.9/74

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1147.539+/-482.013 χ^2/NDF : 16.3/20

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

Left In: 2285.354+/-494.757 χ^2/NDF : 24.3/18

Left: 1701.605+/-345.252 χ^2/NDF : 43.4/39

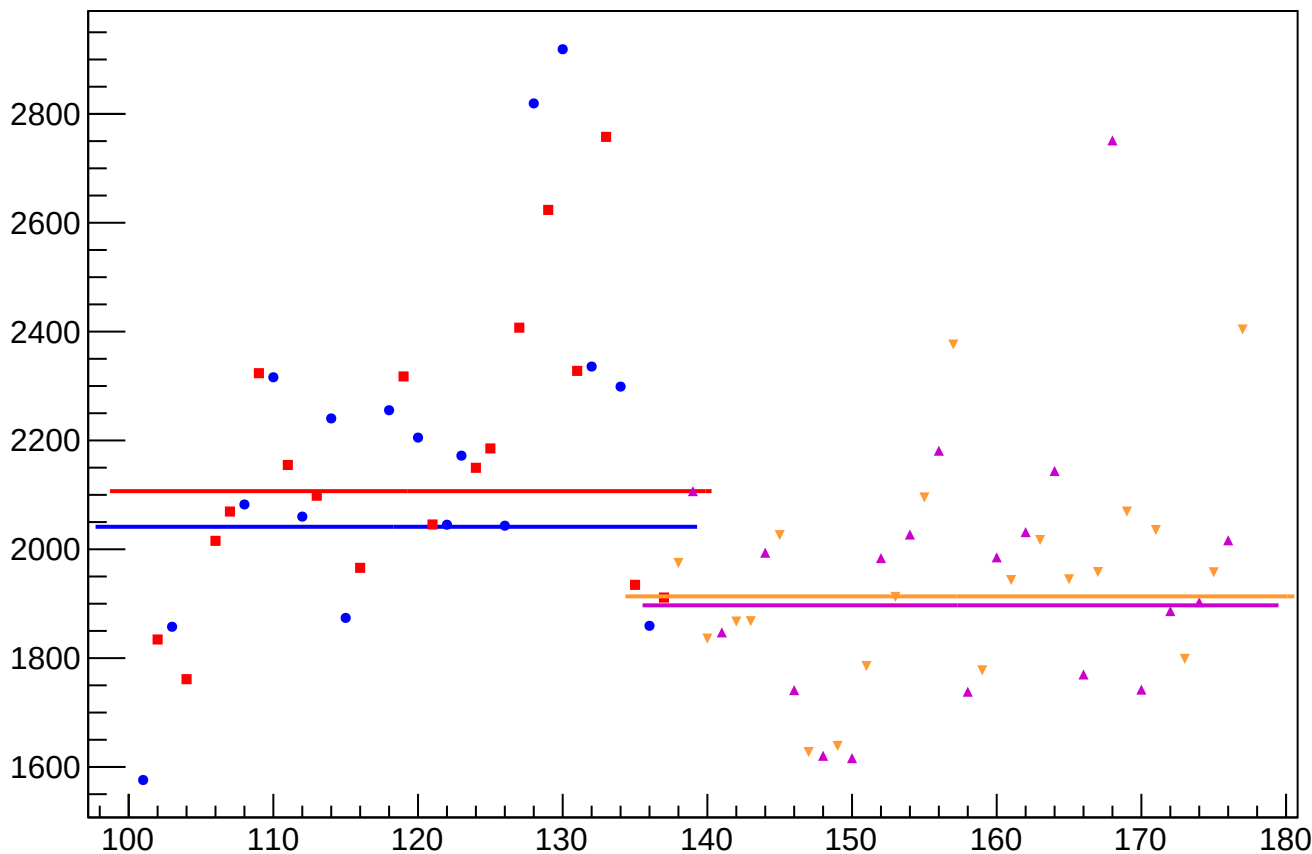
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2485.738+/-420.736 χ^2/NDF : 42.3/35

Out: 1589.043+/-412.807 χ^2/NDF : 30.7/38

All: 2028.862+/-294.662 χ^2/NDF : 75.3/74

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1913.439 $\pm$ 0.341 χ^2/NDF : 283206.8/20

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

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

Left: 1905.431 $\pm$ 0.244 χ^2/NDF : 677068.4/39

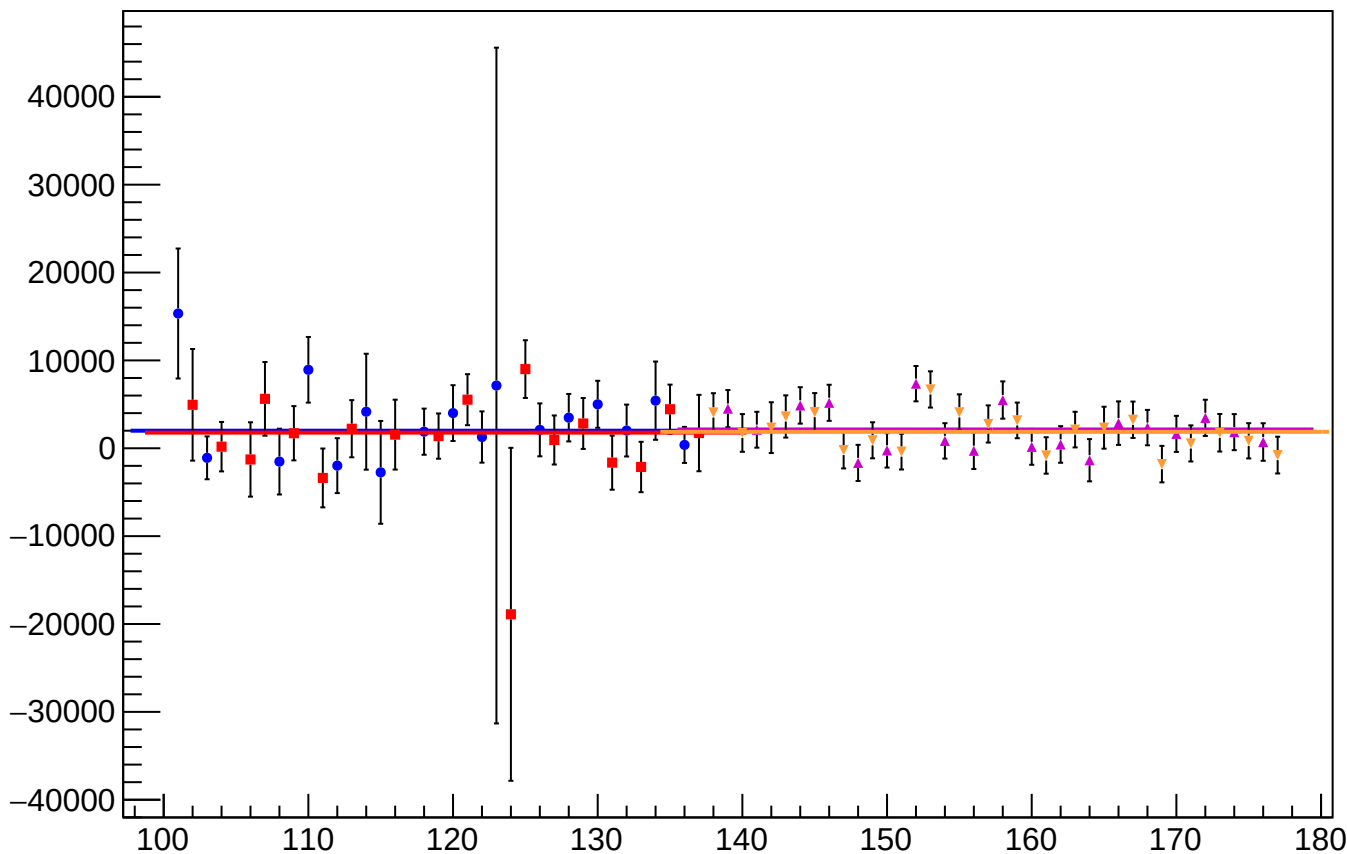
Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

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

Out: 1964.989 $\pm$ 0.292 χ^2/NDF : 565752.0/38

All: 1951.240 $\pm$ 0.208 χ^2/NDF : 1348573.9/74

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1870.725 $\pm$ 464.822 χ^2 /NDF:19.9/20

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

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

Left: 2002.085 $\pm$ 333.512 χ^2 /NDF: 45.9/39

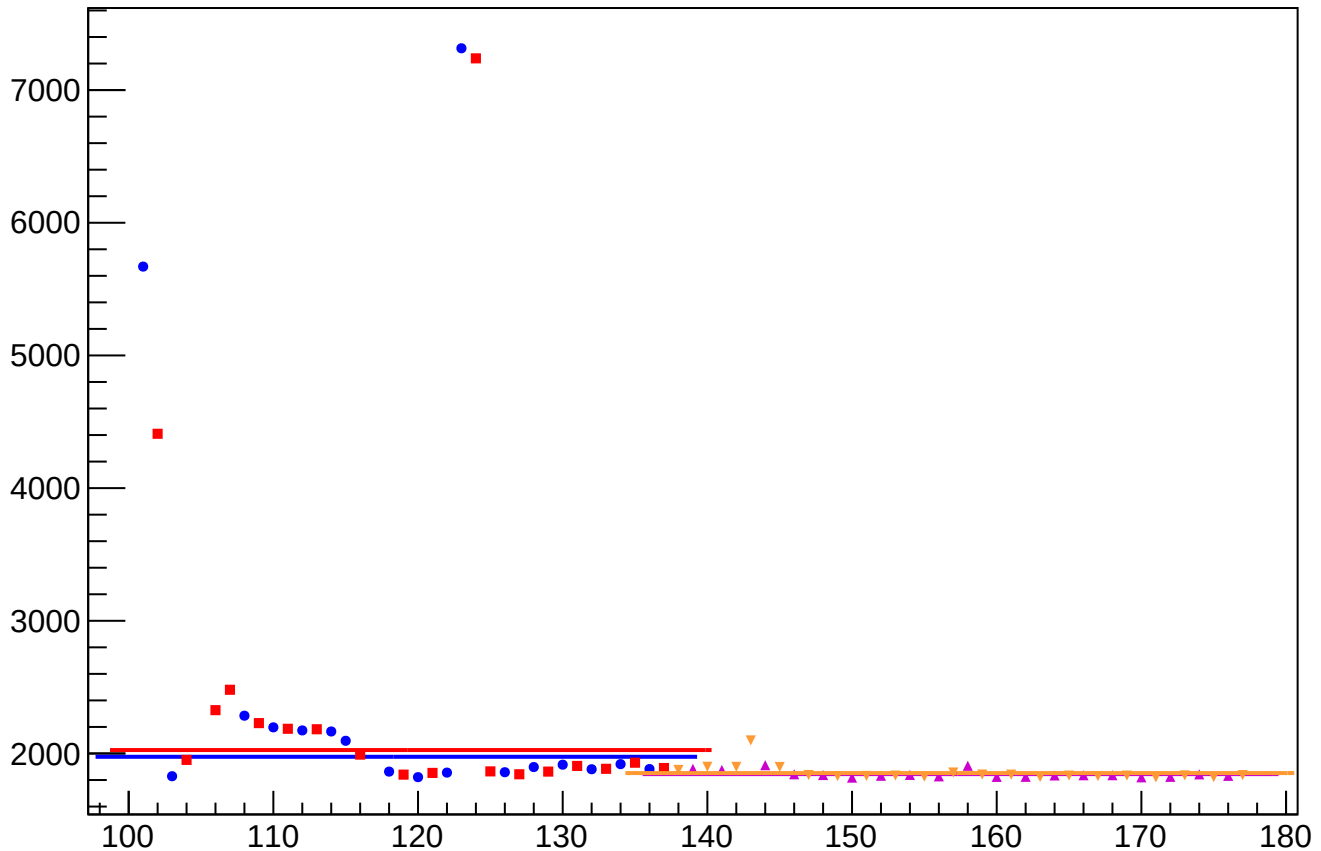
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

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

Out: 1847.508 $\pm$ 399.543 χ^2 /NDF:36.2/38

All: 1972.409 $\pm$ 285.561 χ^2 /NDF: 77.1/74

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1975.109 ± 0.553 $\chi^2/\text{NDF}: 599831.6/16$

Left Out: 1852.423 ± 0.329 $\chi^2/\text{NDF}: 27075.0/20$

Right Out: 2025.871 ± 0.553 $\chi^2/\text{NDF}: 535385.1/17$

Left In: 1844.512 ± 0.339 $\chi^2/\text{NDF}: 6676.0/18$

Left: 1848.585 ± 0.236 $\chi^2/\text{NDF}: 34032.0/39$

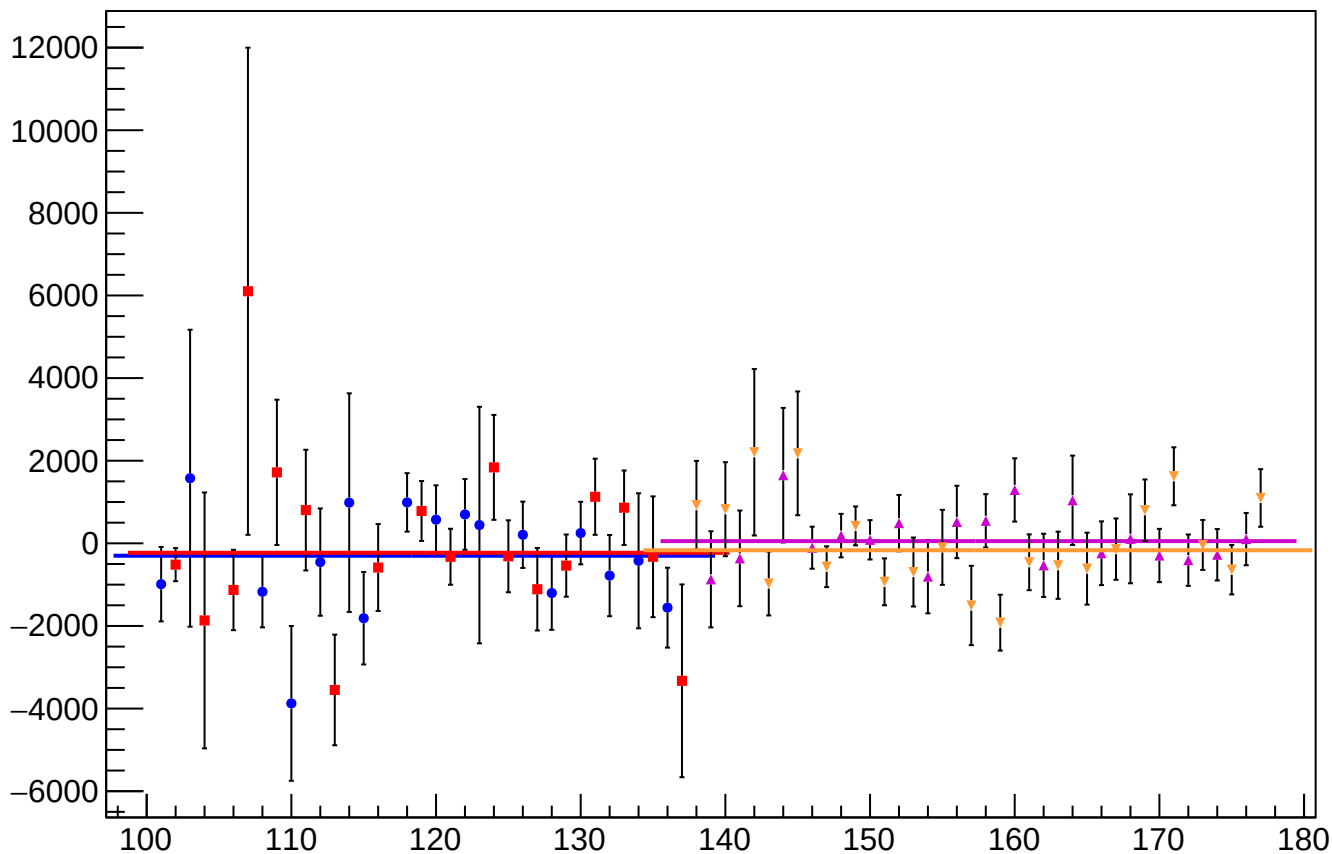
Right: 2000.483 ± 0.391 $\chi^2/\text{NDF}: 1139433.4/34$

In: 1880.148 ± 0.289 $\chi^2/\text{NDF}: 647107.8/35$

Out: 1897.720 ± 0.283 $\chi^2/\text{NDF}: 635186.7/38$

All: 1889.124 ± 0.202 $\chi^2/\text{NDF}: 1284186.9/74$

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2/NDF : 17.3/16

Left Out: -167.473 $\pm$ 158.338 χ^2/NDF : 32.6/20

Right Out: -228.794 $\pm$ 215.624 χ^2/NDF : 21.8/17

Left In: 53.341 $\pm$ 162.786 χ^2/NDF : 9.4/18

Left: -60.124 $\pm$ 113.502 χ^2/NDF : 43.0/39

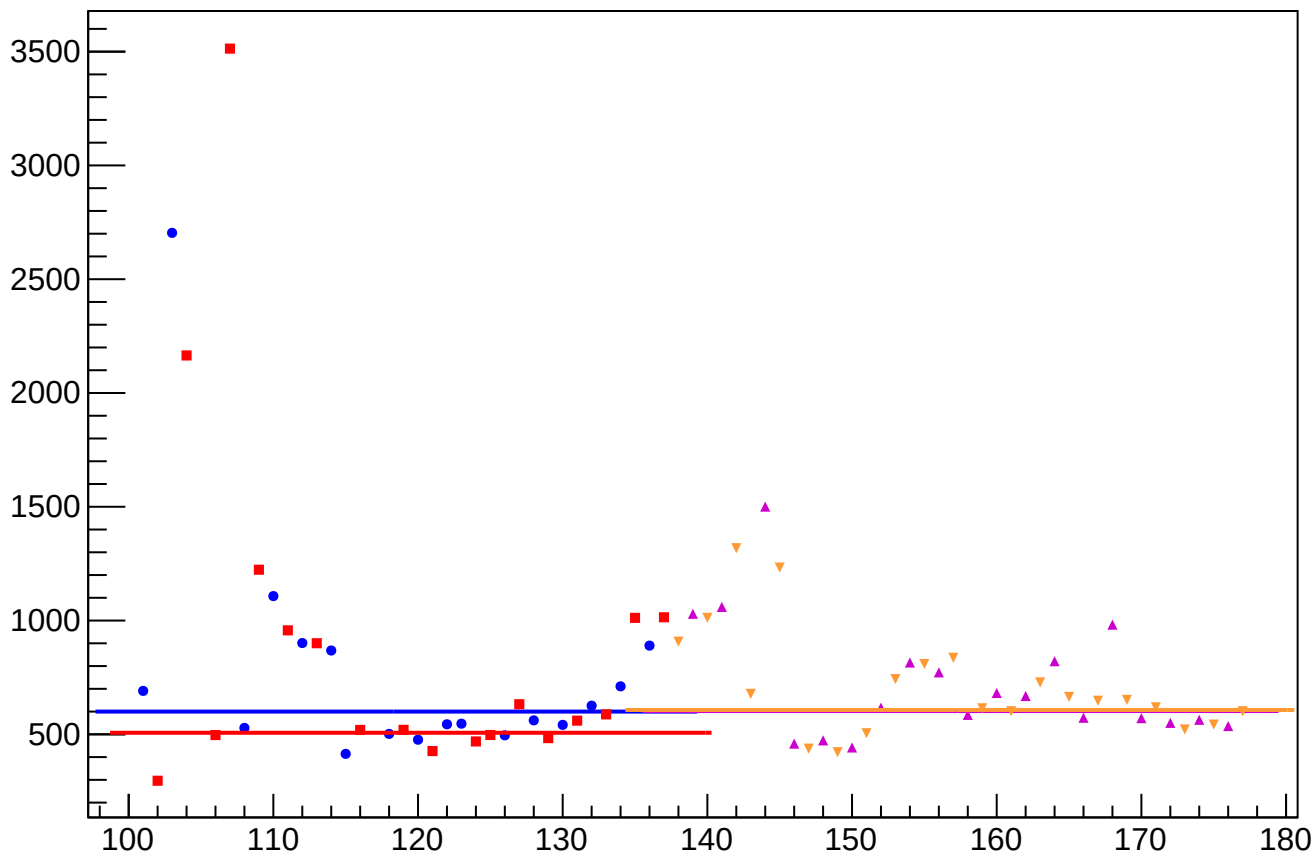
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

In: -53.888 $\pm$ 135.858 χ^2/NDF : 28.2/35

Out: -188.955 $\pm$ 127.624 χ^2/NDF : 54.4/38

All: -125.638 $\pm$ 93.019 χ^2/NDF : 83.2/74

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.075+/-0.112 χ^2/NDF : 2033396.0/20

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

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

Left: 604.724+/-0.080 χ^2/NDF : 4339186.2/39

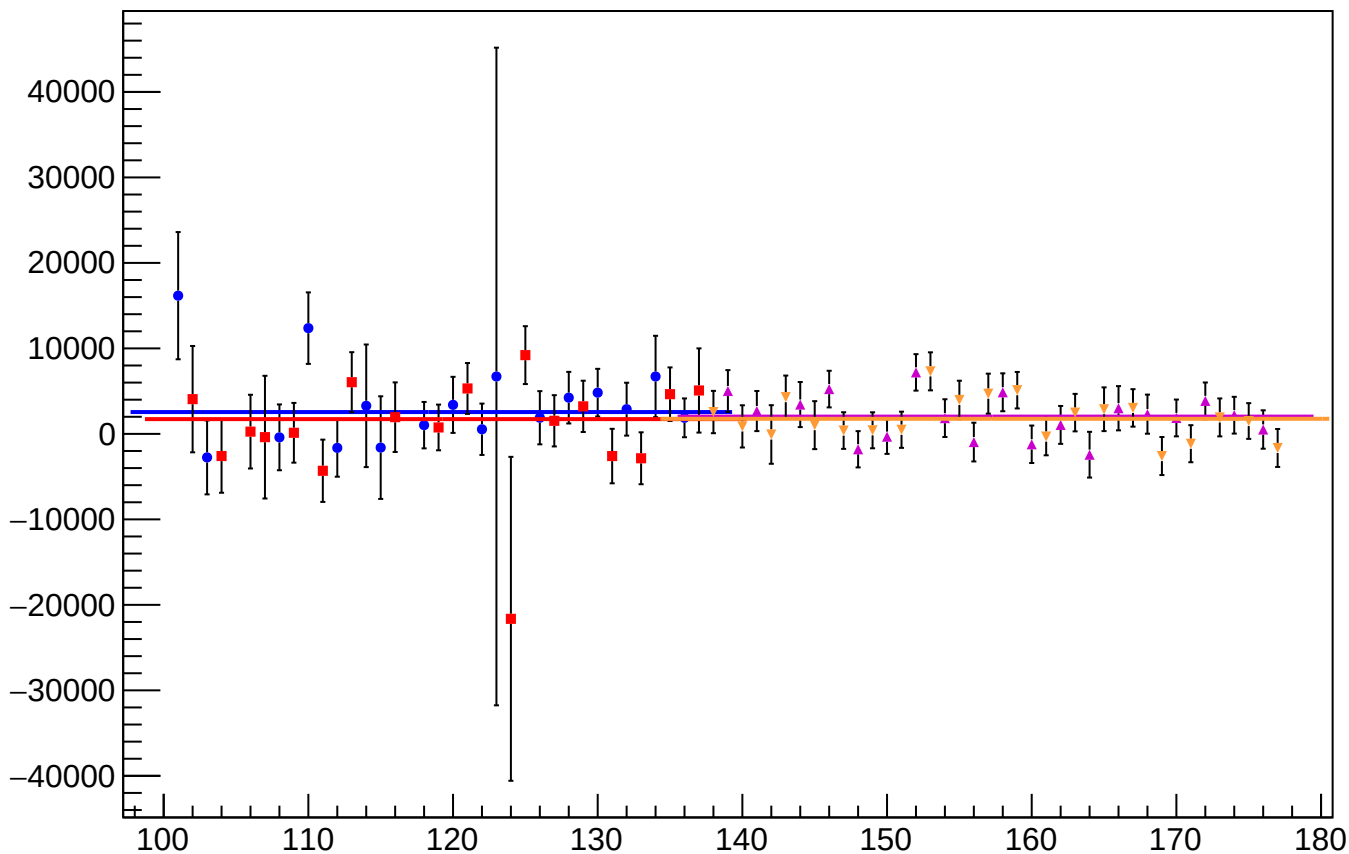
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

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

Out: 571.973+/-0.090 χ^2/NDF : 5074843.5/38

All: 585.835+/-0.066 χ^2/NDF : 8811232.9/74

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1765.512 $\pm$ 500.510 χ^2/NDF : 23.6/20

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

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

Left: 1889.203 $\pm$ 359.625 χ^2/NDF : 48.2/39

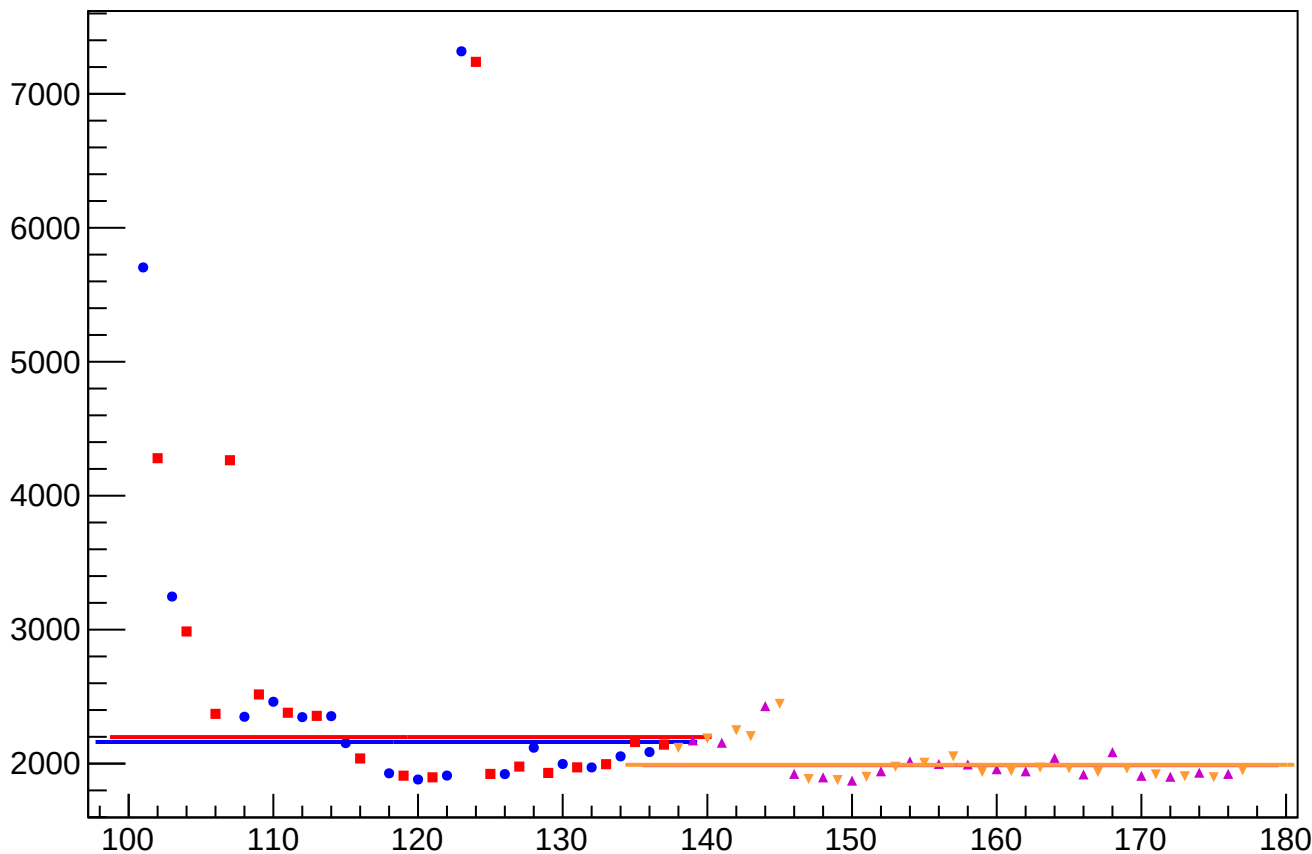
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

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

Out: 1755.705 $\pm$ 431.963 χ^2/NDF : 43.1/38

All: 1954.138 $\pm$ 309.268 χ^2/NDF : 84.0/74

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 $\pm$ 0.607 χ^2 /NDF: 711253.3/16

Left Out: 1990.998 $\pm$ 0.354 χ^2 /NDF:126085.0/20

Right Out: 2198.187 $\pm$ 0.605 χ^2 /NDF: 733873.5/17

Left In: 1988.432 $\pm$ 0.366 χ^2 /NDF:107036.5/18

Left: 1989.757 $\pm$ 0.254 χ^2 /NDF: 233147.0/39

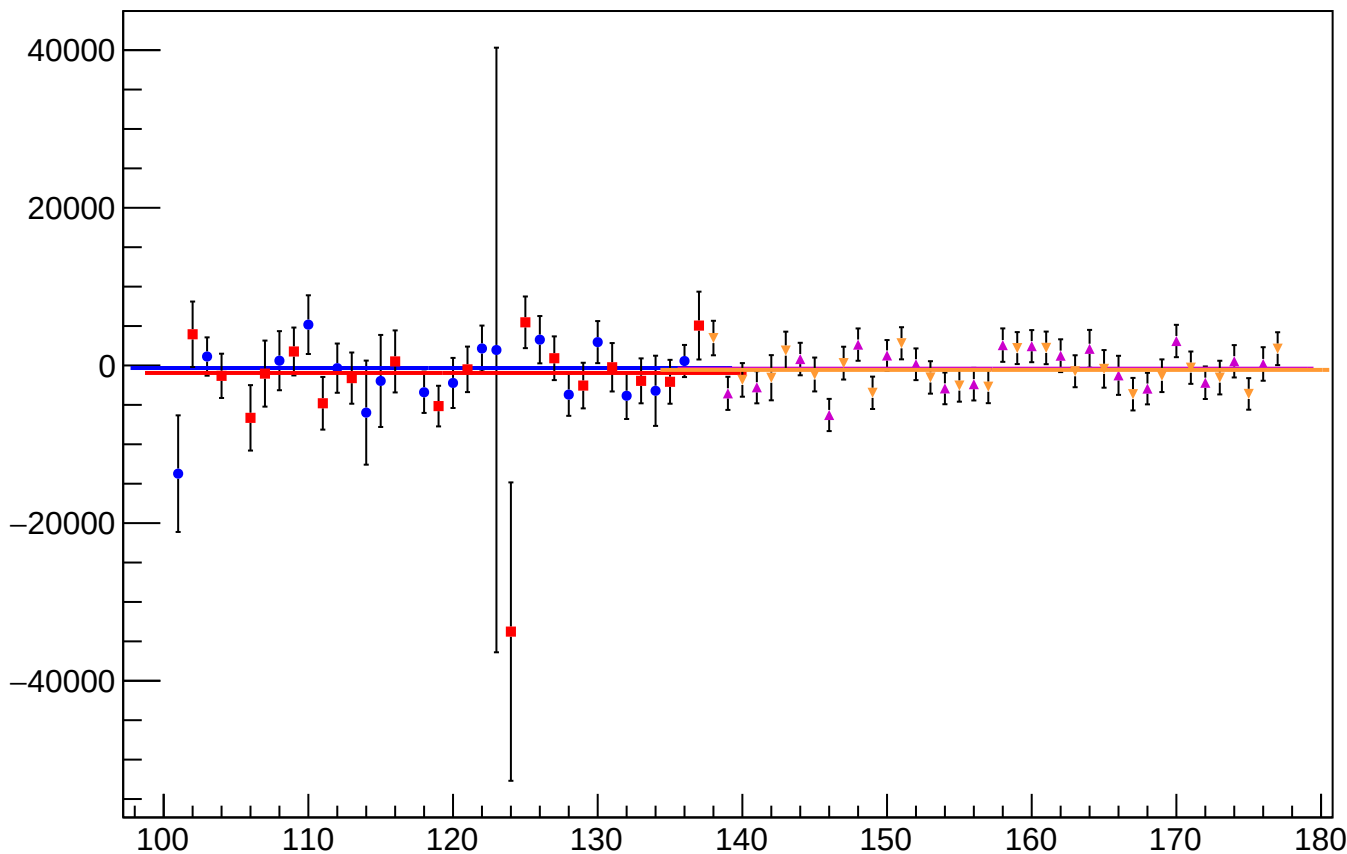
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2034.448 $\pm$ 0.313 χ^2 /NDF:877835.9/35

Out: 2043.863 $\pm$ 0.305 χ^2 /NDF:947403.8/38

All: 2039.274 $\pm$ 0.219 χ^2 /NDF: 1825702.7/74

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -323.738 ± 779.509 $\chi^2/\text{NDF}: 15.7/16$

Left Out: -563.228 ± 463.567 $\chi^2/\text{NDF}: 22.4/20$

Right Out: -951.303 ± 770.284 $\chi^2/\text{NDF}: 18.2/17$

Left In: -407.886 ± 477.706 $\chi^2/\text{NDF}: 29.0/18$

Left: -487.890 ± 332.678 $\chi^2/\text{NDF}: 51.4/39$

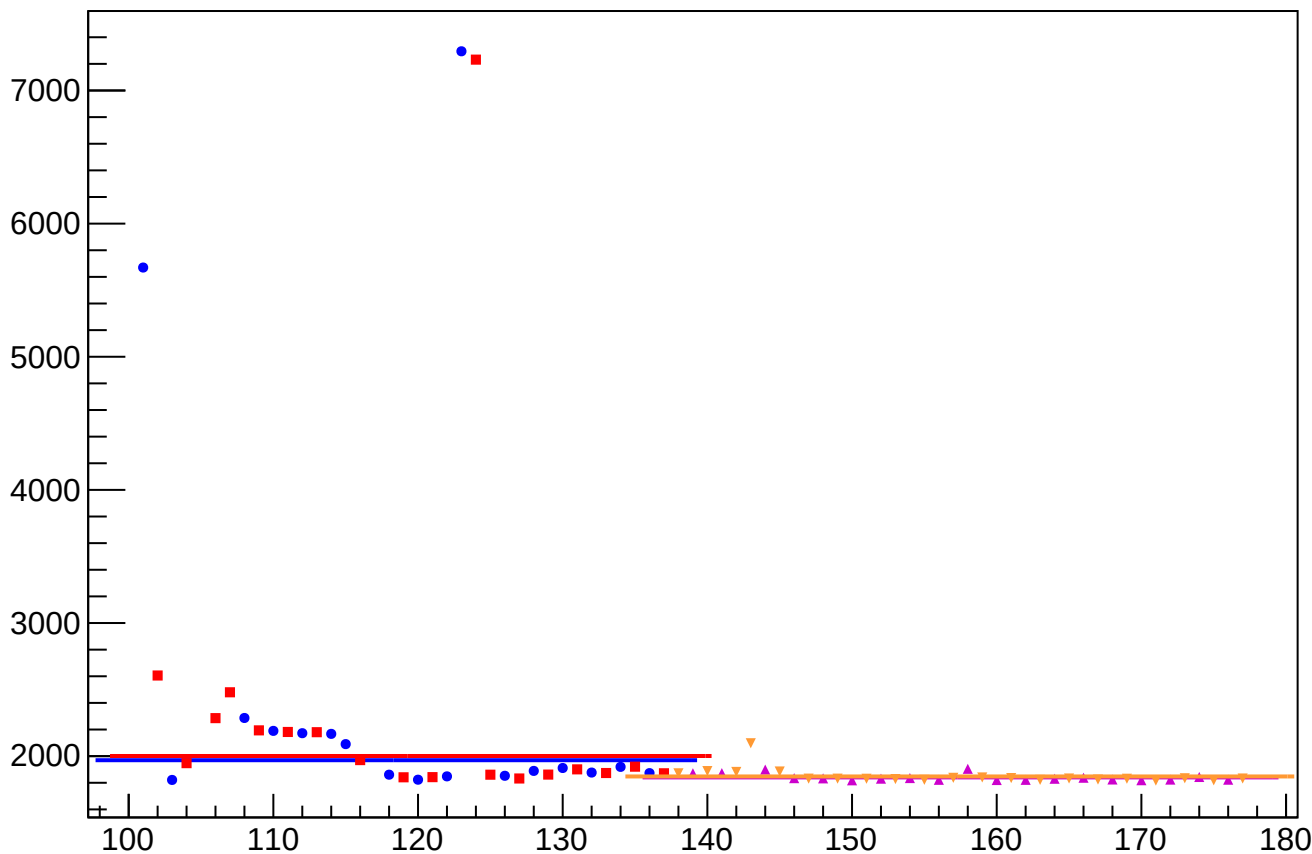
Right: -641.256 ± 547.905 $\chi^2/\text{NDF}: 34.3/34$

In: -384.912 ± 407.306 $\chi^2/\text{NDF}: 44.8/35$

Out: -666.410 ± 397.187 $\chi^2/\text{NDF}: 40.8/38$

All: -529.201 ± 284.364 $\chi^2/\text{NDF}: 85.8/74$

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1847.496+/-0.328 χ^2/NDF : 26281.9/20

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

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

Left: 1844.019+/-0.235 χ^2/NDF : 32395.6/39

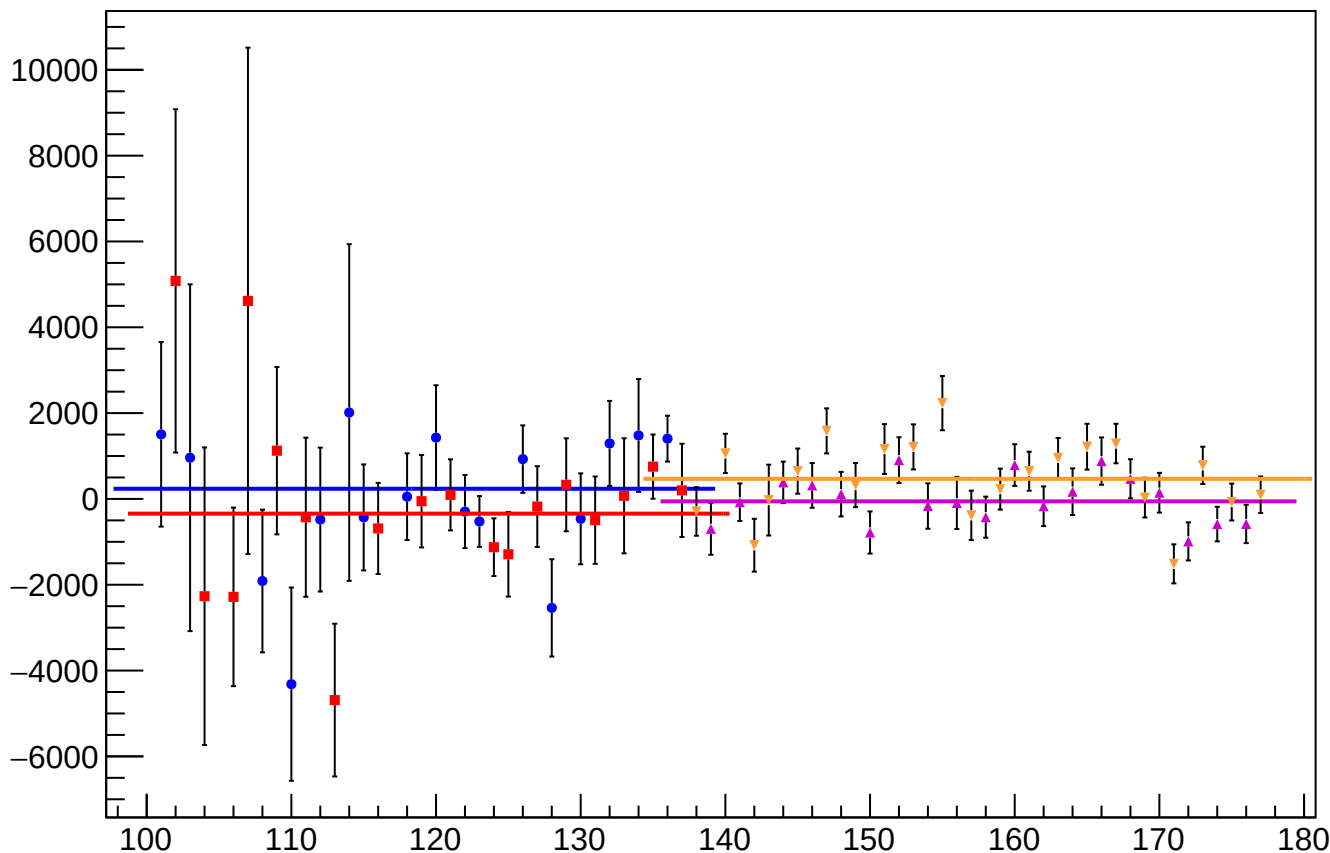
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1888.357+/-0.281 χ^2/NDF : 375350.4/38

All: 1882.136+/-0.201 χ^2/NDF : 1024971.0/74

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 468.357 $\pm$ 109.800 χ^2 /NDF:57.7/20

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

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

Left: 211.897 $\pm$ 78.522 χ^2 /NDF: 92.7/39

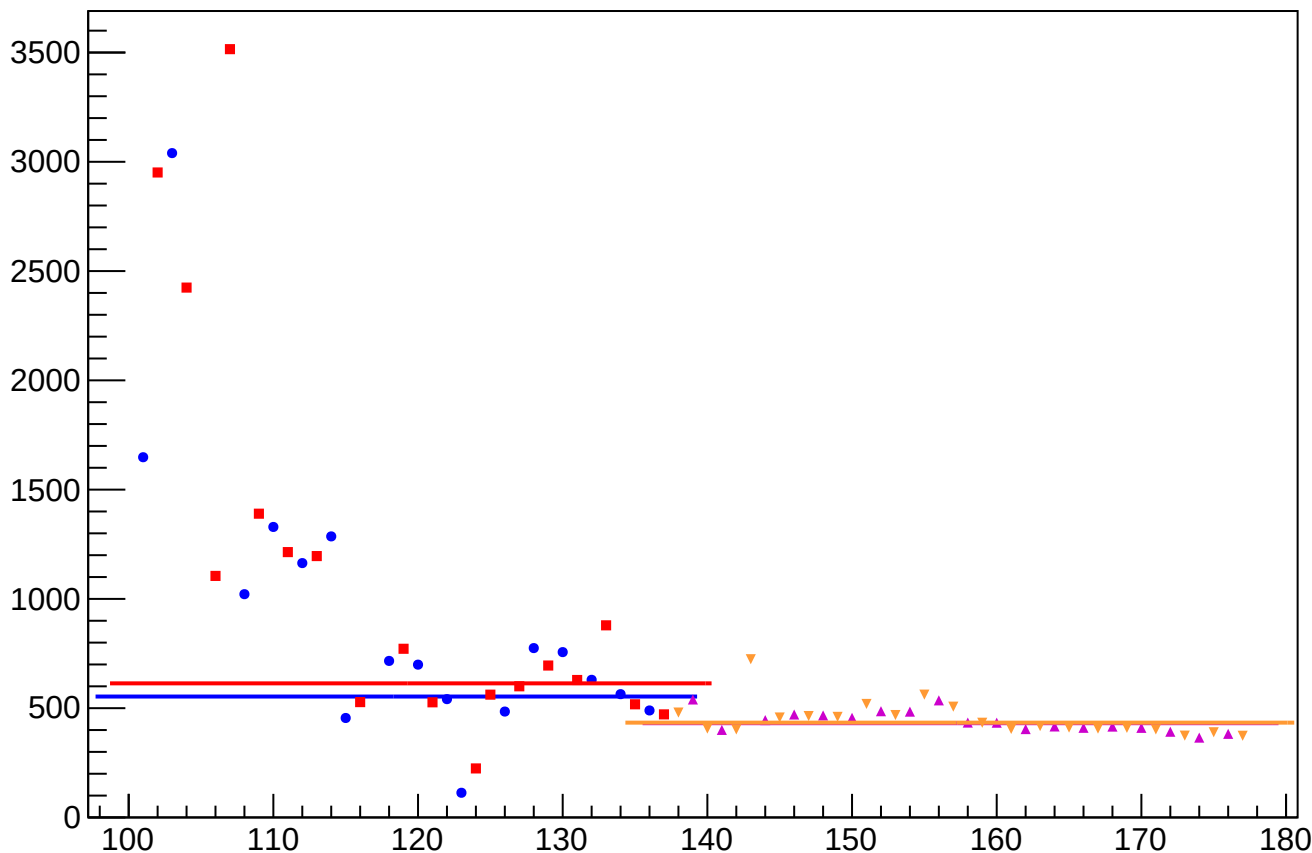
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: 352.201 $\pm$ 101.635 χ^2 /NDF:81.4/38

All: 173.996 $\pm$ 72.126 χ^2 /NDF: 136.4/74

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 433.826 $\pm$ 0.078 χ^2 /NDF: 589062.3/20

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

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

Left: 432.567 $\pm$ 0.056 χ^2 /NDF: 902250.7/39

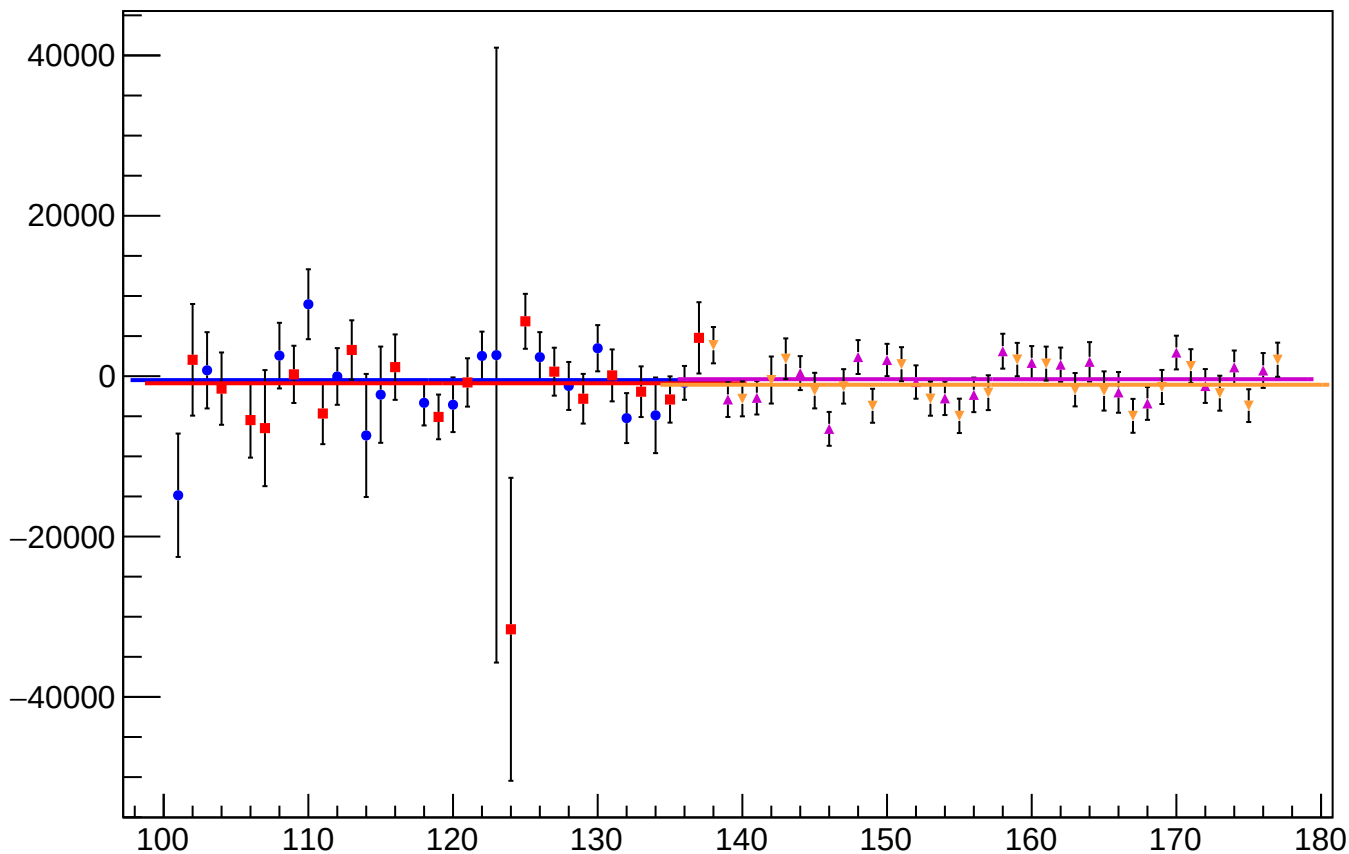
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

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

Out: 459.566 $\pm$ 0.072 χ^2 /NDF: 4832983.3/38

All: 455.782 $\pm$ 0.051 χ^2 /NDF: 8964146.6/74

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1069.302 ± 477.518 χ^2/NDF : 27.0/20

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

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

Left: -733.961 ± 342.460 χ^2/NDF : 55.6/39

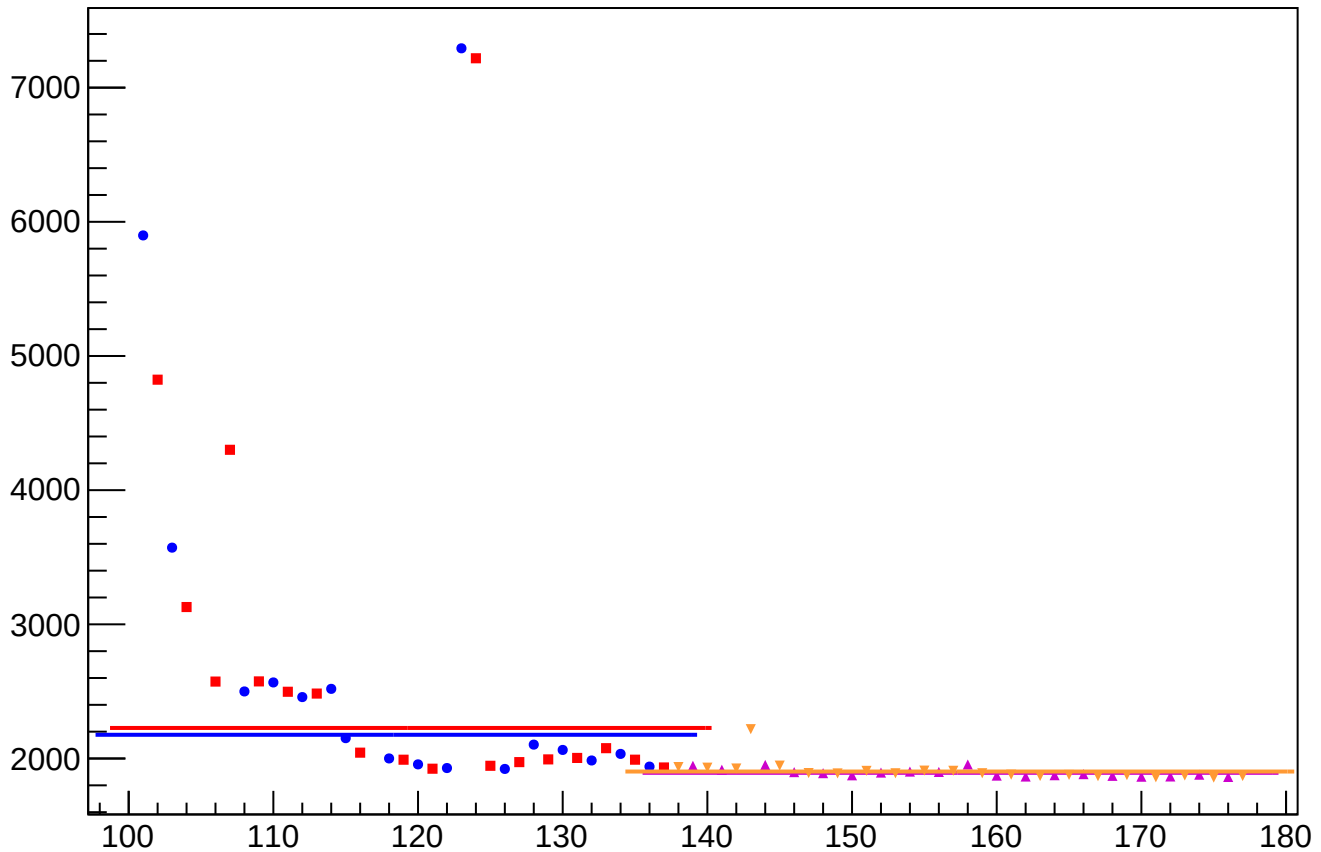
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

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

Out: -1026.489 ± 418.512 χ^2/NDF : 44.3/38

All: -723.069 ± 299.104 χ^2/NDF : 91.5/74

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1902.948+/-0.338 χ^2/NDF : 37422.6/20

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

Left In: 1893.231+/-0.347 χ^2/NDF : 6911.6/18

Left: 1898.229+/-0.242 χ^2/NDF : 44736.4/39

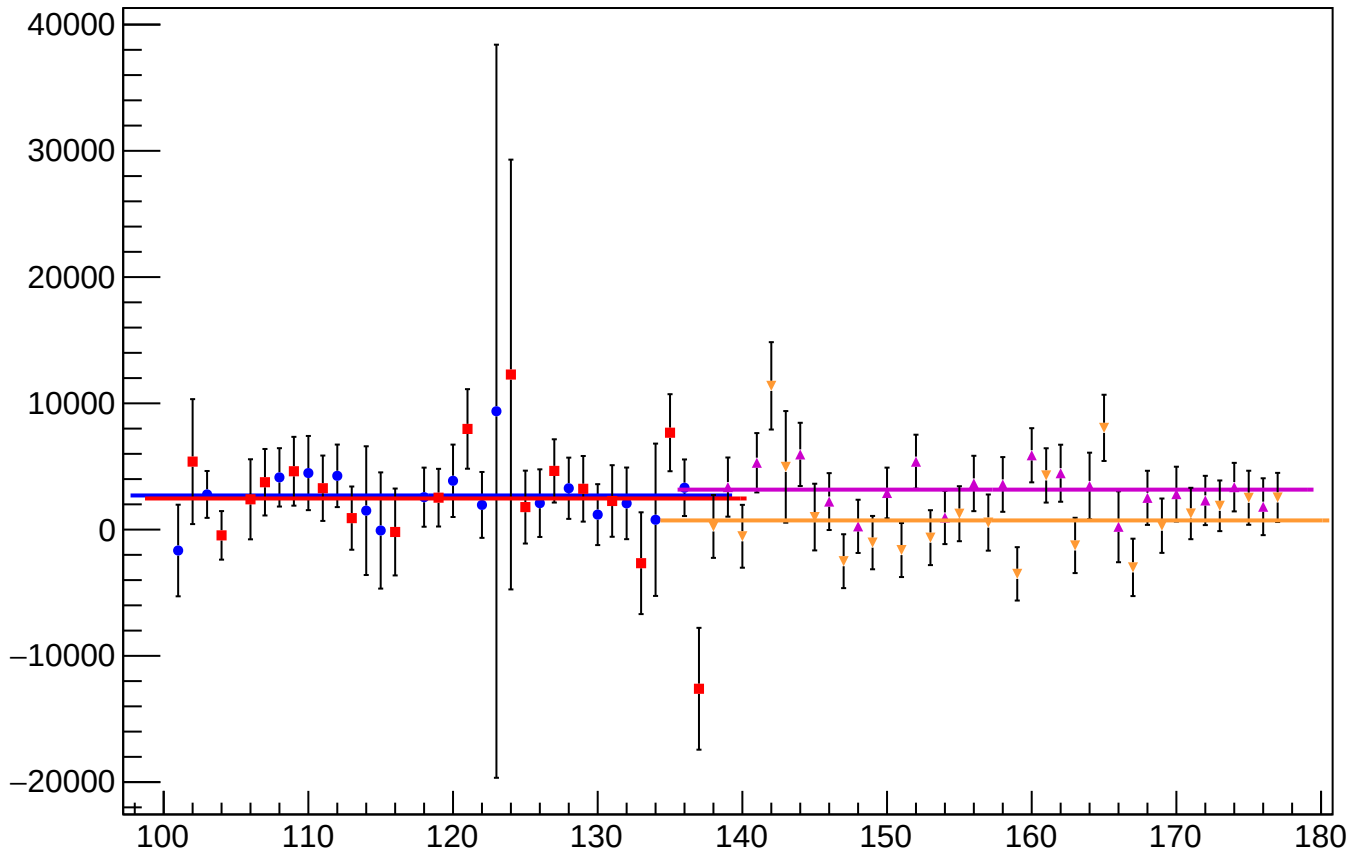
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1962.046+/-0.302 χ^2/NDF : 971178.5/35

Out: 1978.244+/-0.296 χ^2/NDF : 1077555.5/38

All: 1970.320+/-0.211 χ^2/NDF : 2050199.9/74

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 ± 673.898 $\chi^2/\text{NDF}: 4.0/16$

Left Out: 726.408 ± 496.137 $\chi^2/\text{NDF}: 35.4/20$

Right Out: 2464.583 ± 683.276 $\chi^2/\text{NDF}: 23.2/17$

Left In: 3165.261 ± 506.243 $\chi^2/\text{NDF}: 10.2/18$

Left: 1921.249 ± 354.341 $\chi^2/\text{NDF}: 57.4/39$

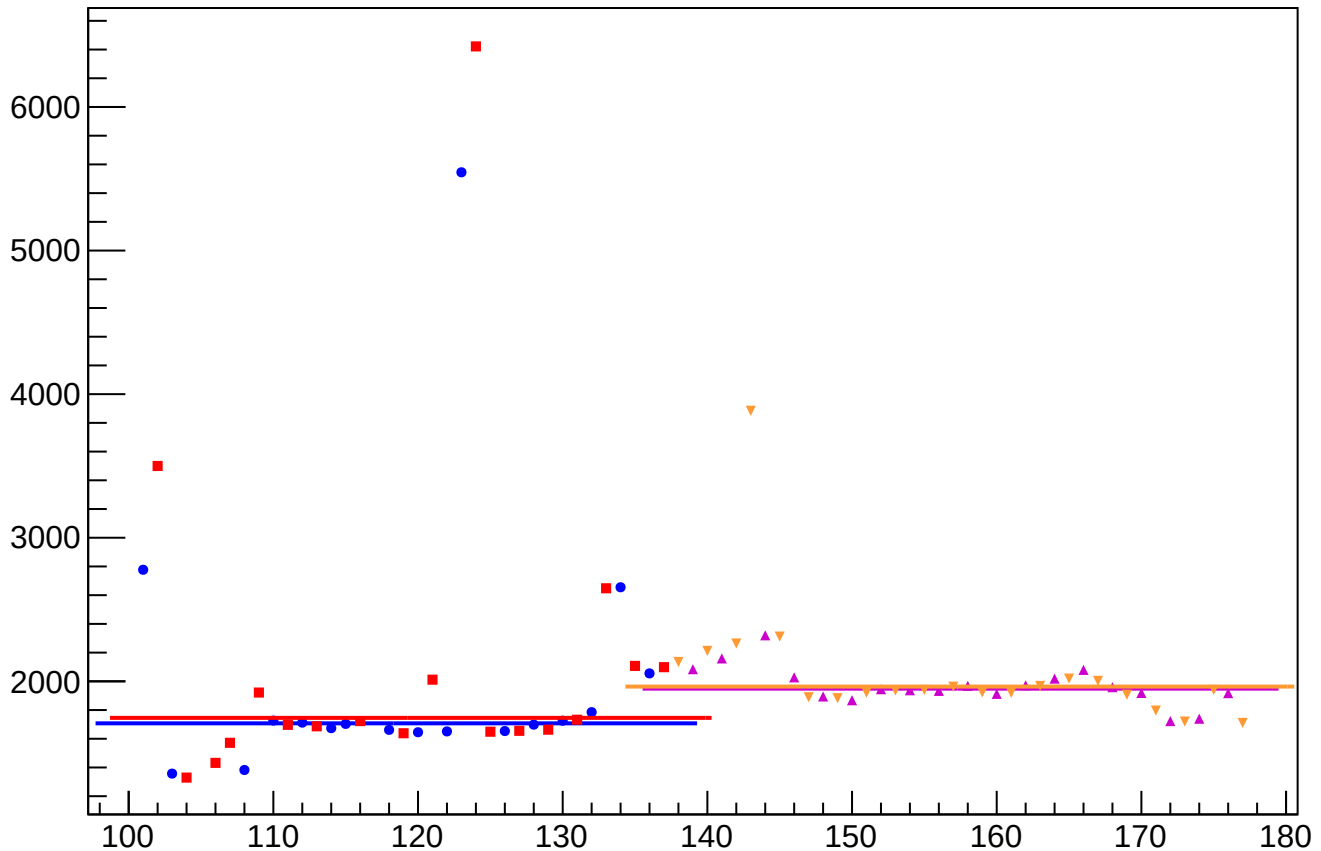
Right: 2585.697 ± 479.799 $\chi^2/\text{NDF}: 27.3/34$

In: 2998.685 ± 404.758 $\chi^2/\text{NDF}: 14.5/35$

Out: 1326.470 ± 401.465 $\chi^2/\text{NDF}: 62.9/38$

All: 2155.747 ± 285.036 $\chi^2/\text{NDF}: 86.0/74$

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 1963.464 $\pm$ 0.351 χ^2/NDF : 544983.7/20

Right Out: 1745.551 $\pm$ 0.483 χ^2/NDF : 699240.7/17

Left In: 1948.938 $\pm$ 0.358 χ^2/NDF : 131915.6/18

Left: 1956.347 $\pm$ 0.251 χ^2/NDF : 677739.2/39

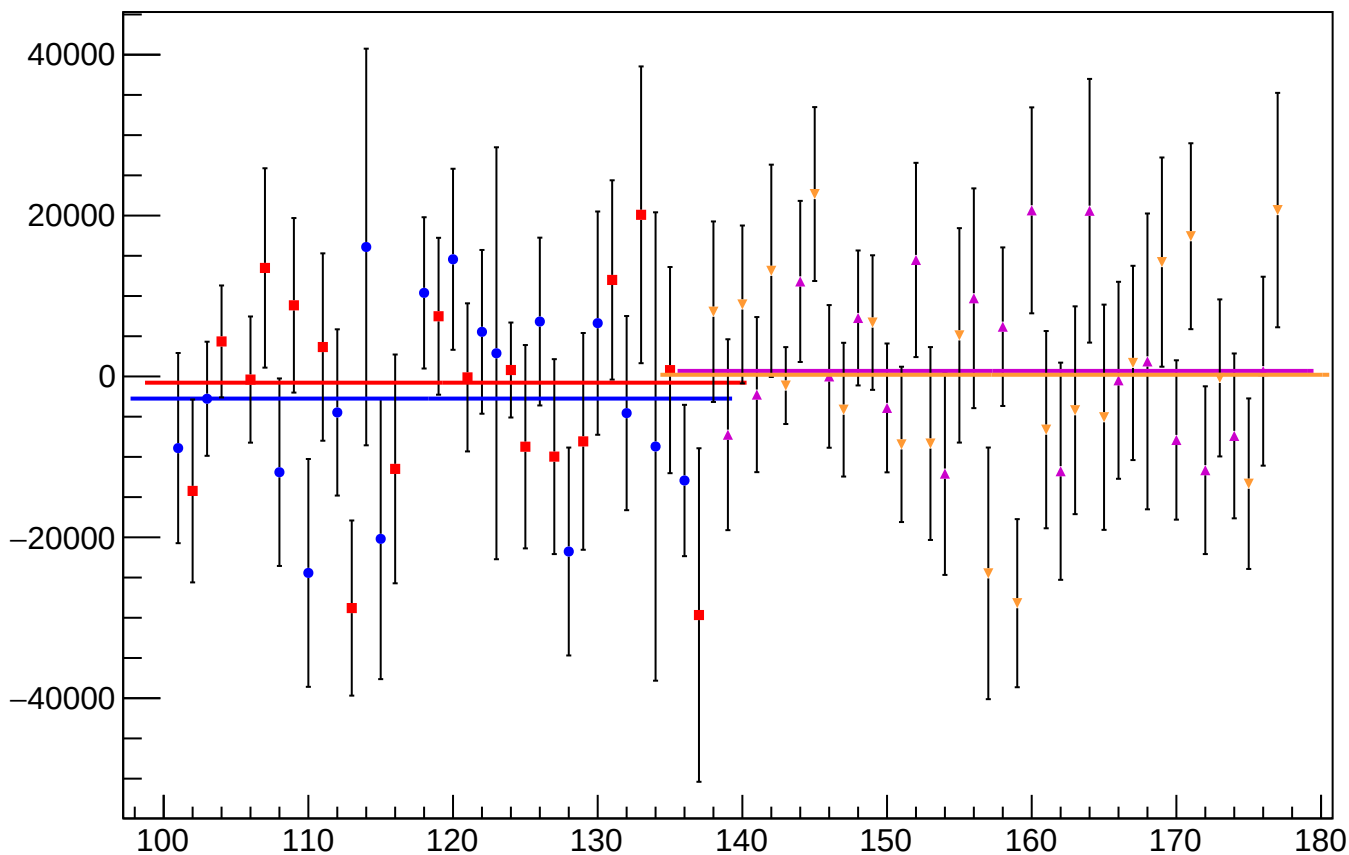
Right: 1726.210 $\pm$ 0.339 χ^2/NDF : 1124571.0/34

In: 1861.799 $\pm$ 0.286 χ^2/NDF : 718343.1/35

Out: 1888.207 $\pm$ 0.284 χ^2/NDF : 1377469.5/38

All: 1875.112 $\pm$ 0.202 χ^2/NDF : 2100104.8/74

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 209.267 $\pm$ 2215.055 χ^2 /NDF: 26.4/20

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

Left In: 689.742 $\pm$ 2498.005 χ^2 /NDF: 13.4/18

Left: 420.762 $\pm$ 1657.329 χ^2 /NDF: 39.8/39

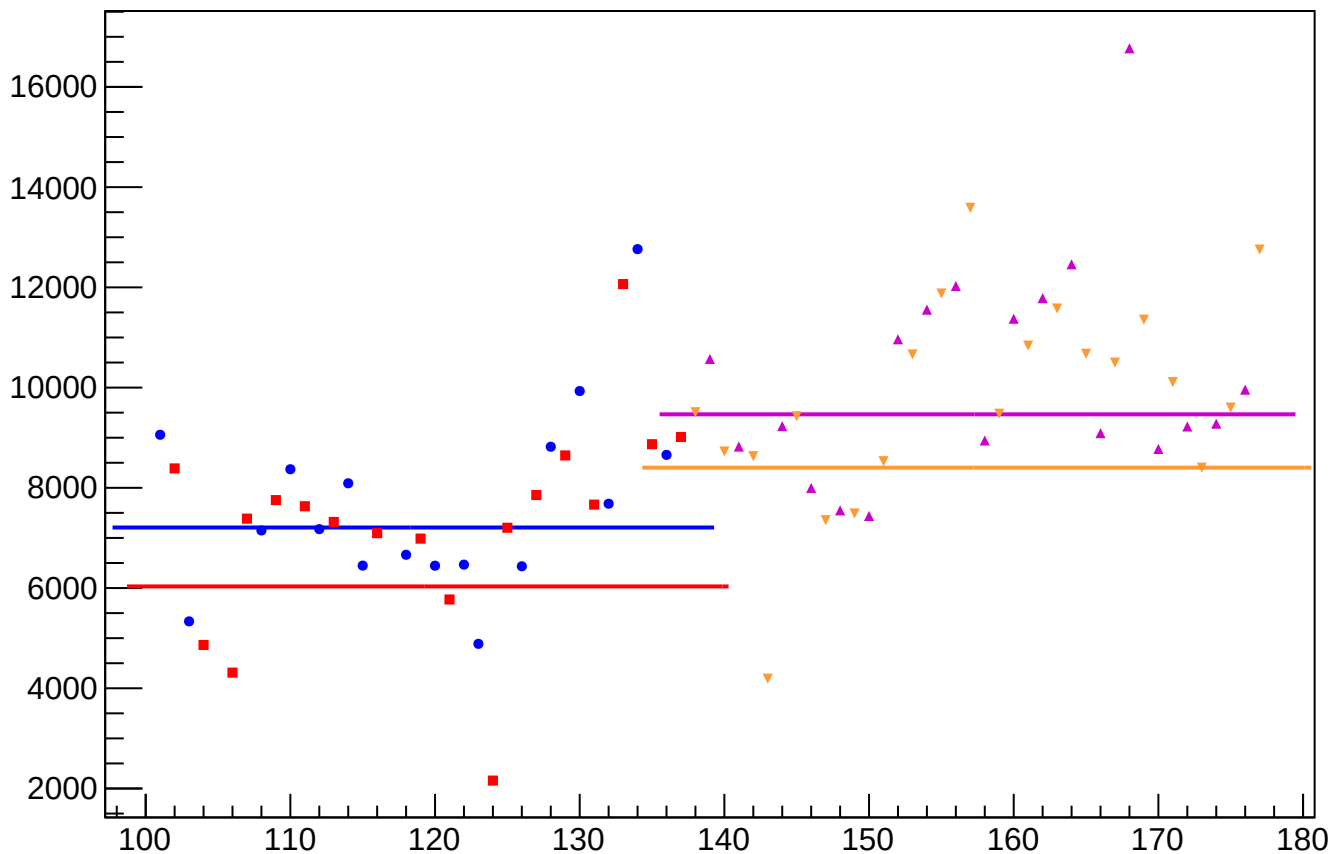
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -809.540 $\pm$ 1876.368 χ^2 /NDF: 28.8/35

Out: -235.222 $\pm$ 1640.293 χ^2 /NDF: 44.2/38

All: -484.000 $\pm$ 1234.945 χ^2 /NDF: 73.1/74

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8402.304+/-1.566 χ^2/NDF : 2759986.8/20

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

Left In: 9466.796+/-1.766 χ^2/NDF : 978903.7/18

Left: 8870.873+/-1.172 χ^2/NDF : 3942208.8/39

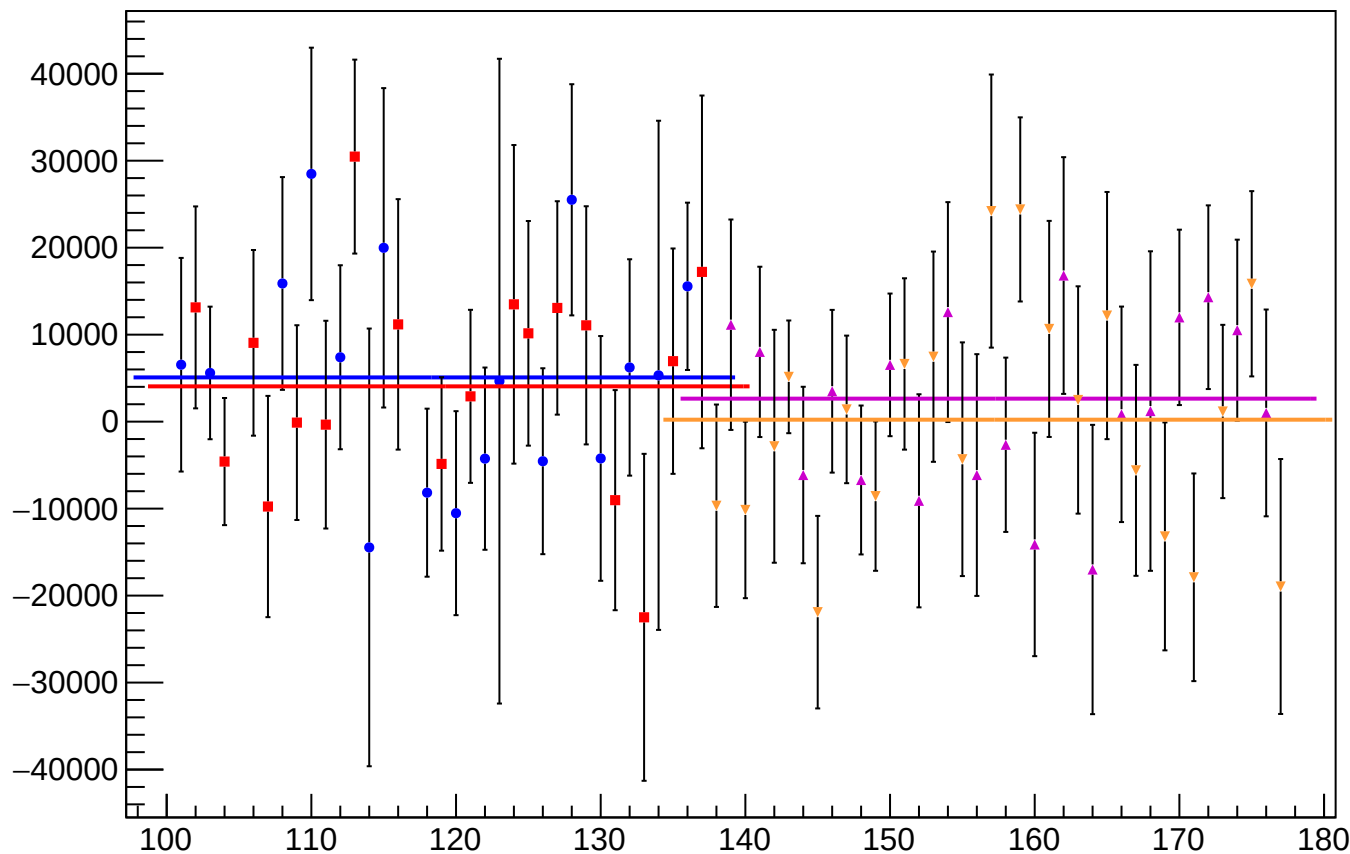
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8482.612+/-1.327 χ^2/NDF : 2185064.2/35

Out: 7331.891+/-1.160 χ^2/NDF : 5591694.0/38

All: 7830.349+/-0.873 χ^2/NDF : 8203128.0/74

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 223.914+/-2368.389 χ^2/NDF : 24.8/20

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

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

Left: 1347.774+/-1733.045 χ^2/NDF : 37.4/39

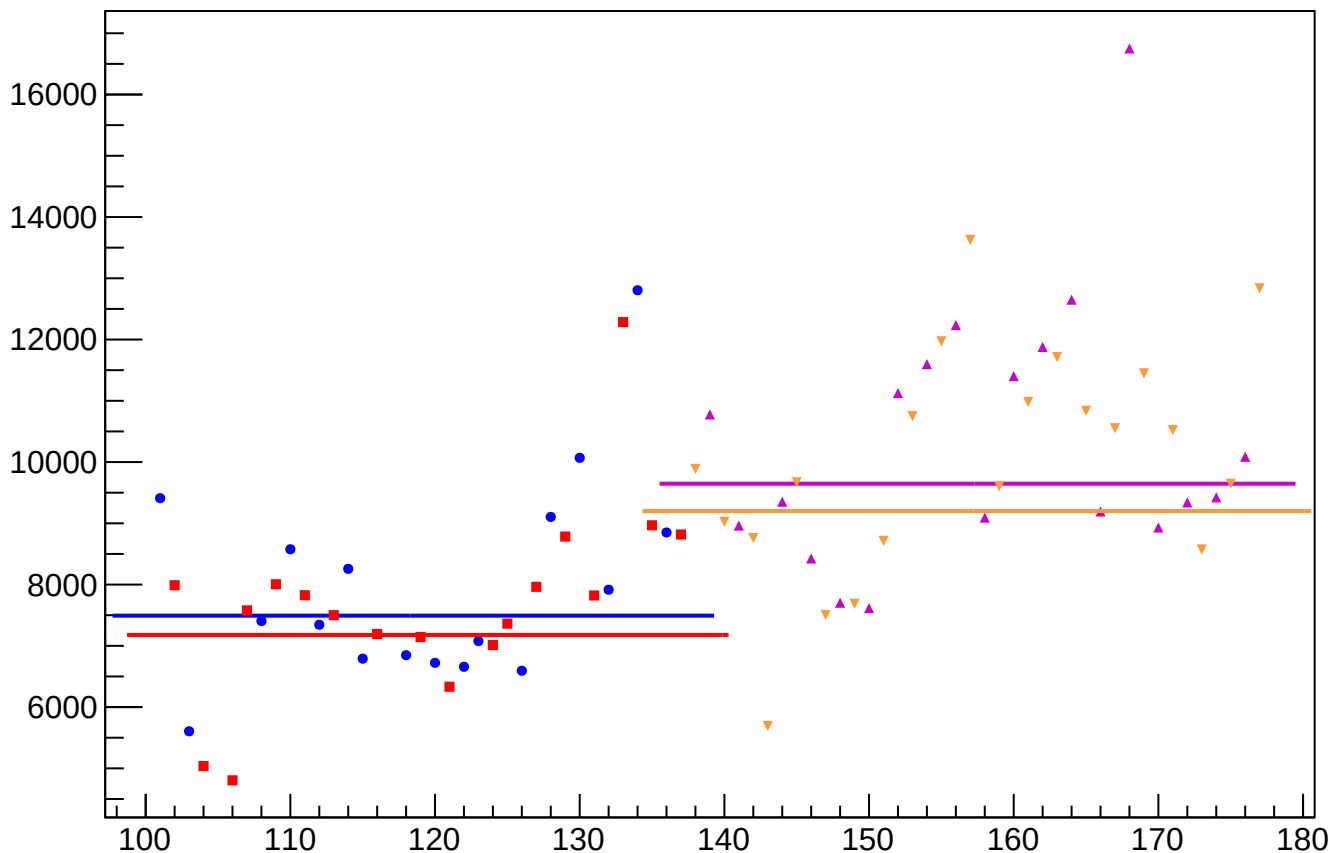
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

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

Out: 1821.935+/-1808.284 χ^2/NDF : 41.1/38

All: 2692.551+/-1318.764 χ^2/NDF : 68.0/74

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9200.425 $\pm$ 1.675 χ^2 /NDF: 1411620.2/20

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

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

Left: 9407.849 $\pm$ 1.225 χ^2 /NDF: 2359488.2/39

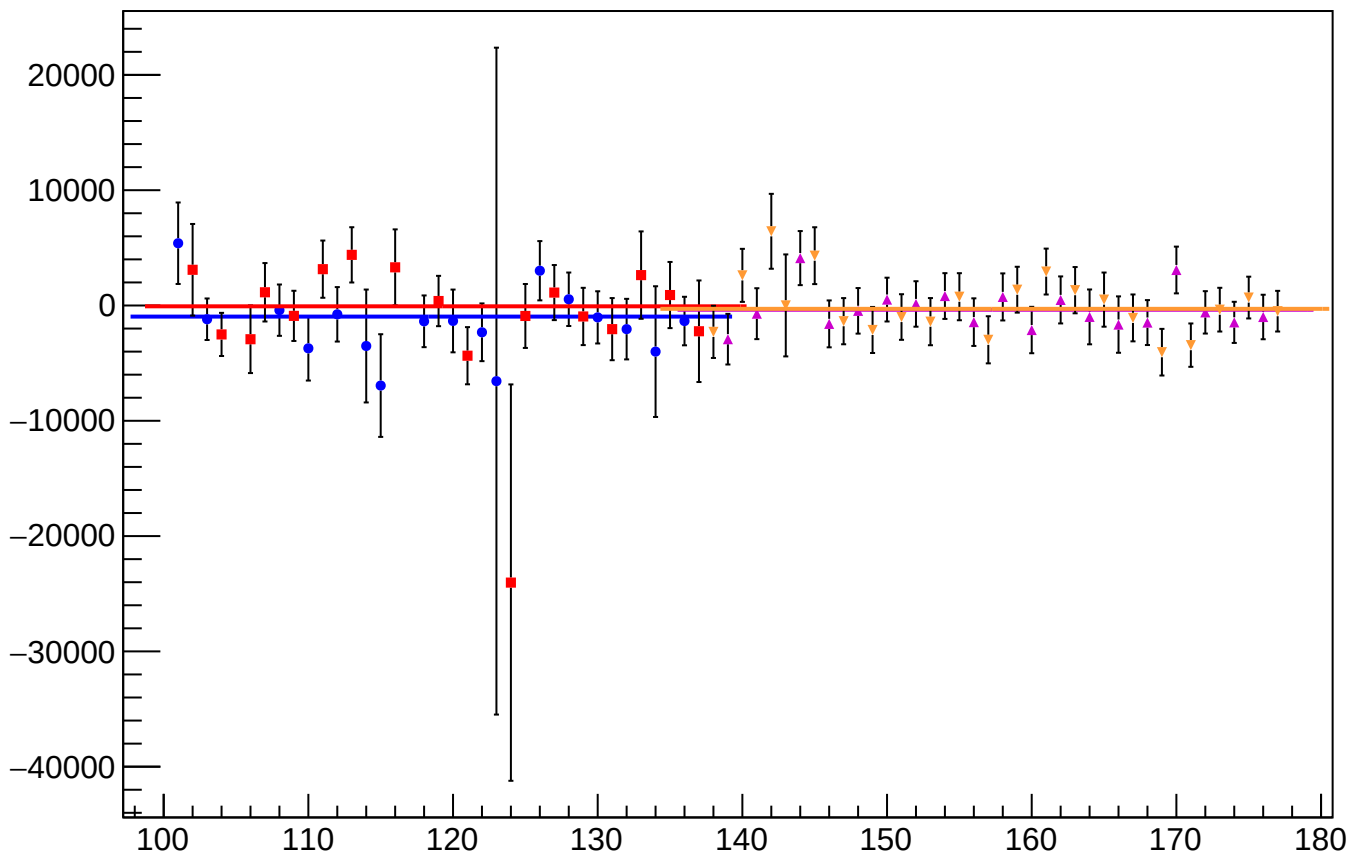
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

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

Out: 8356.756 $\pm$ 1.279 χ^2 /NDF: 2575950.1/38

All: 8531.771 $\pm$ 0.932 χ^2 /NDF: 4578470.8/74

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -289.923 $\pm$ 457.507 χ^2 /NDF:24.5/20

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

Left In: -369.557 $\pm$ 467.644 χ^2 /NDF:11.6/18

Left: -328.867 $\pm$ 327.031 χ^2 /NDF: 36.1/39

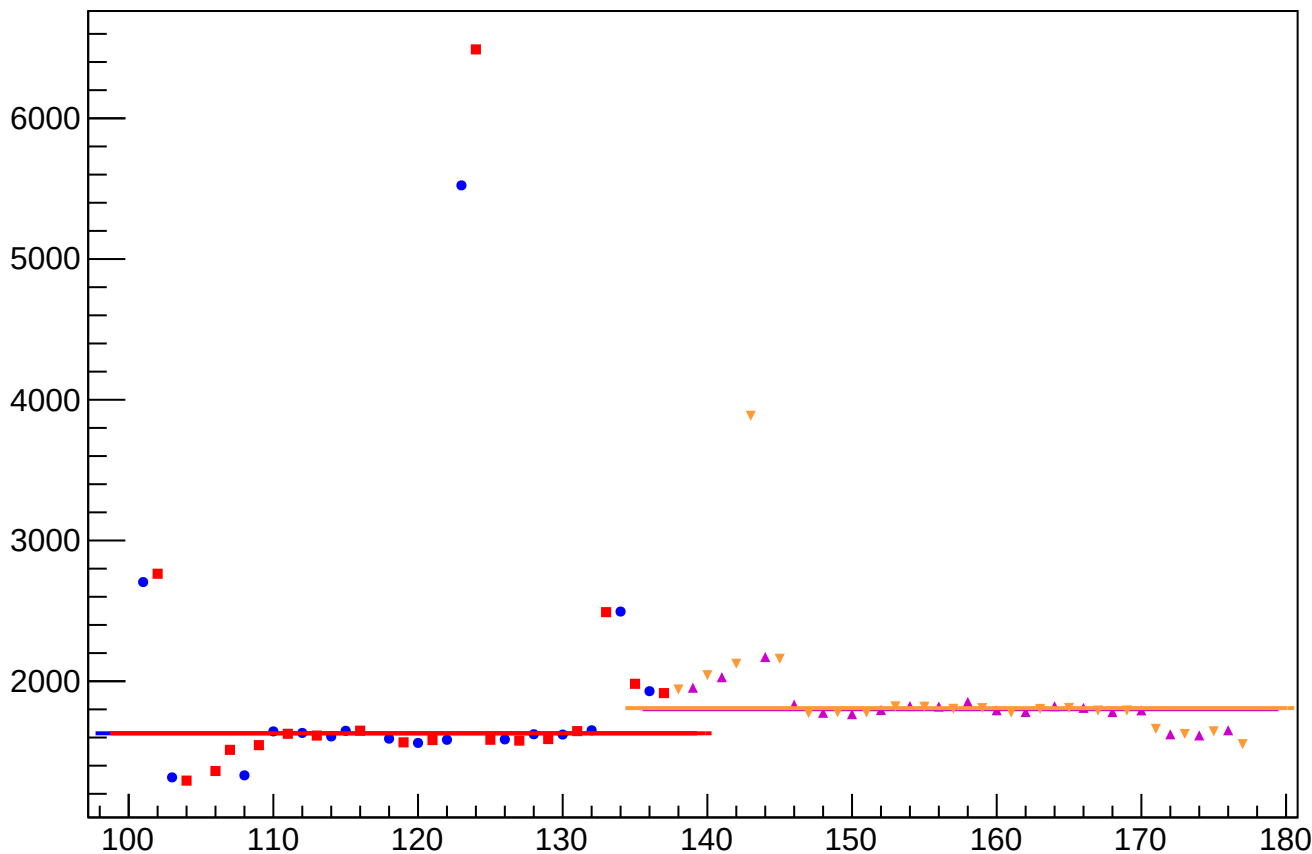
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -574.691 $\pm$ 378.203 χ^2 /NDF:22.2/35

Out: -215.135 $\pm$ 371.083 χ^2 /NDF:41.3/38

All: -391.496 $\pm$ 264.877 χ^2 /NDF: 64.0/74

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1808.937+/-0.324 χ^2/NDF : 620543.3/20

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

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

Left: 1805.039+/-0.231 χ^2/NDF : 758394.1/39

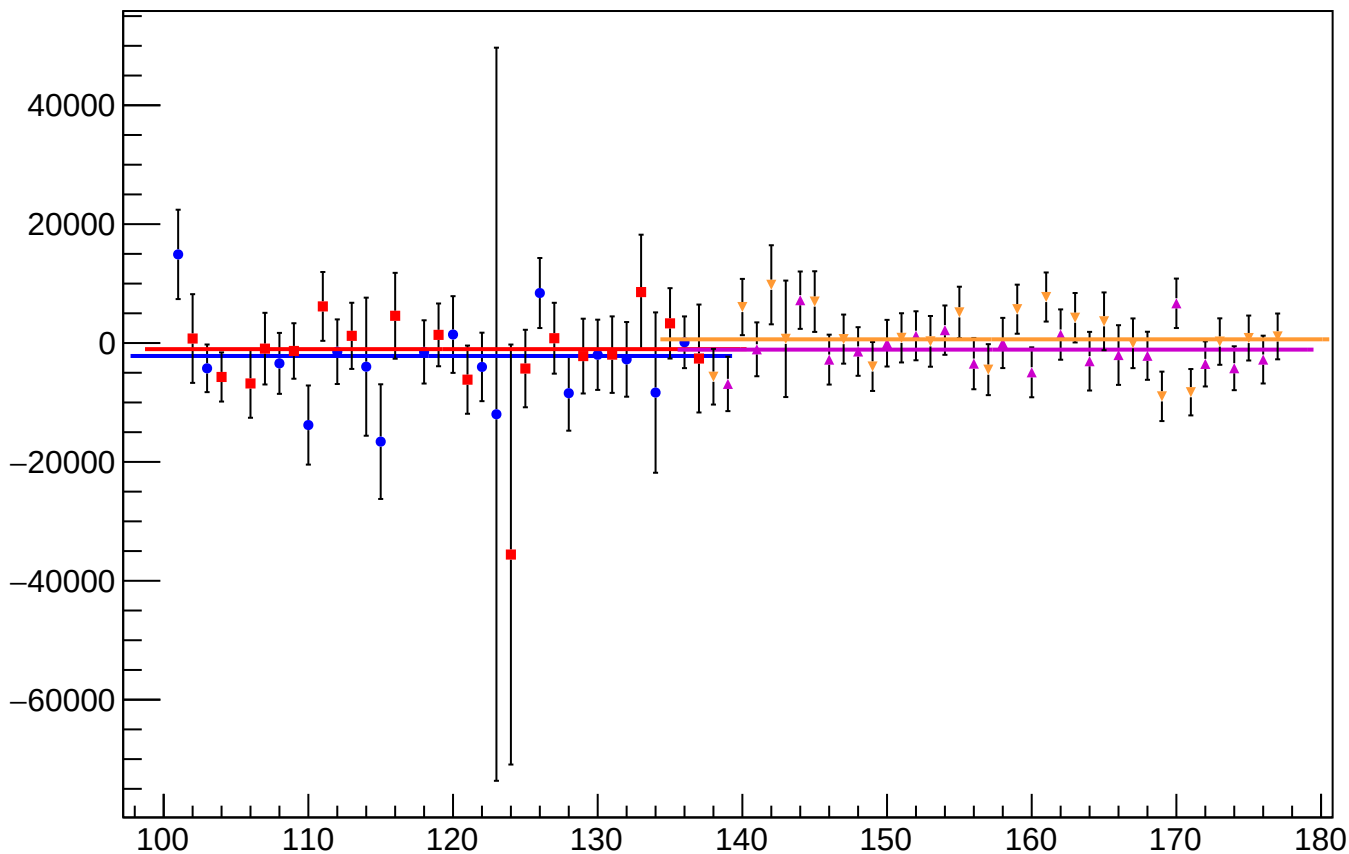
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

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

Out: 1747.699+/-0.262 χ^2/NDF : 1282737.4/38

All: 1744.809+/-0.187 χ^2/NDF : 1921213.2/74

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 623.831 ± 952.683 $\chi^2/\text{NDF}: 26.5/20$

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

Left In: -1109.642 ± 969.254 $\chi^2/\text{NDF}: 12.4/18$

Left: -227.960 ± 679.432 $\chi^2/\text{NDF}: 40.5/39$

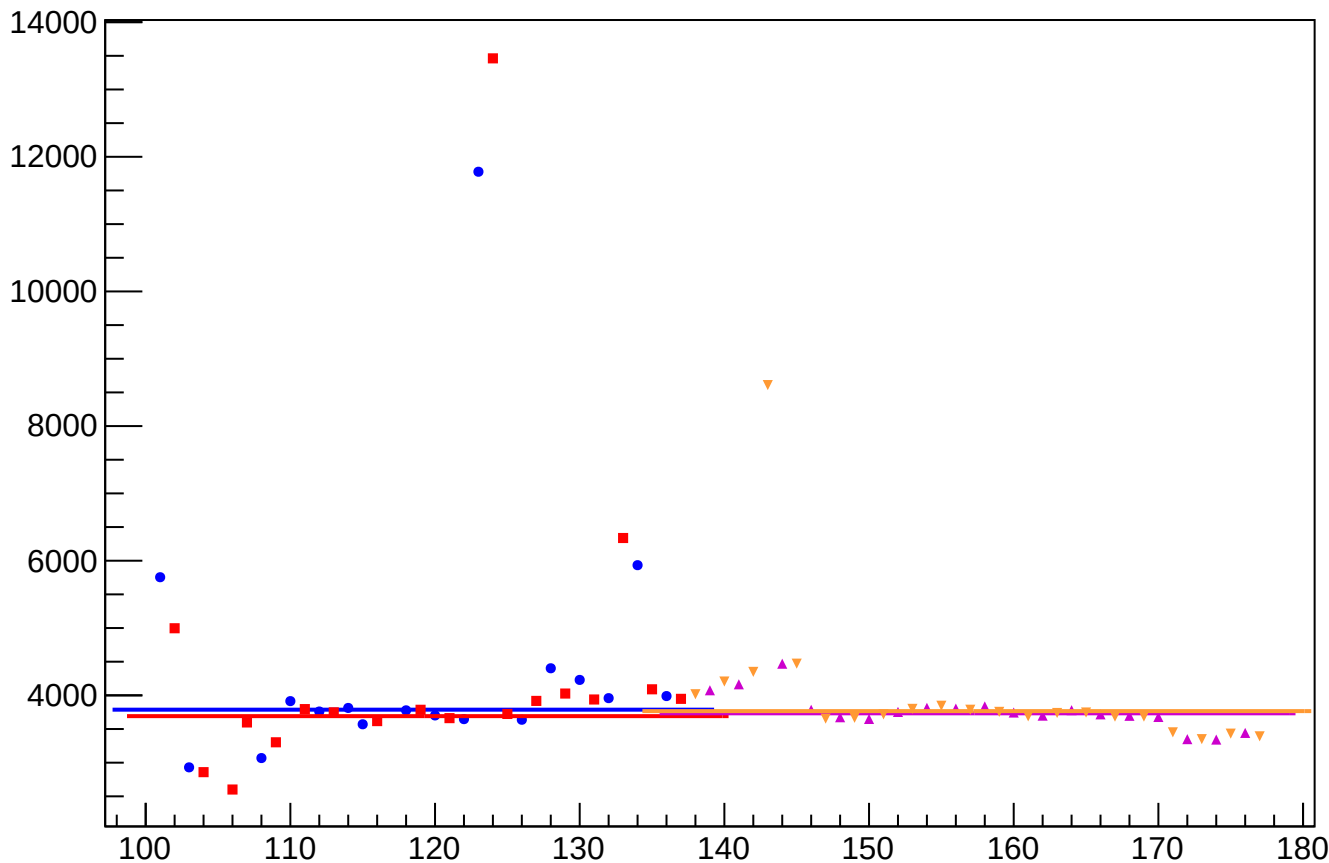
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1426.769 ± 812.967 $\chi^2/\text{NDF}: 28.7/35$

Out: 122.380 ± 794.930 $\chi^2/\text{NDF}: 36.0/38$

All: -634.818 ± 568.370 $\chi^2/\text{NDF}: 66.6/74$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3765.844+/-0.674 χ^2/NDF : 641742.5/20

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

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

Left: 3749.773+/-0.480 χ^2/NDF : 777080.8/39

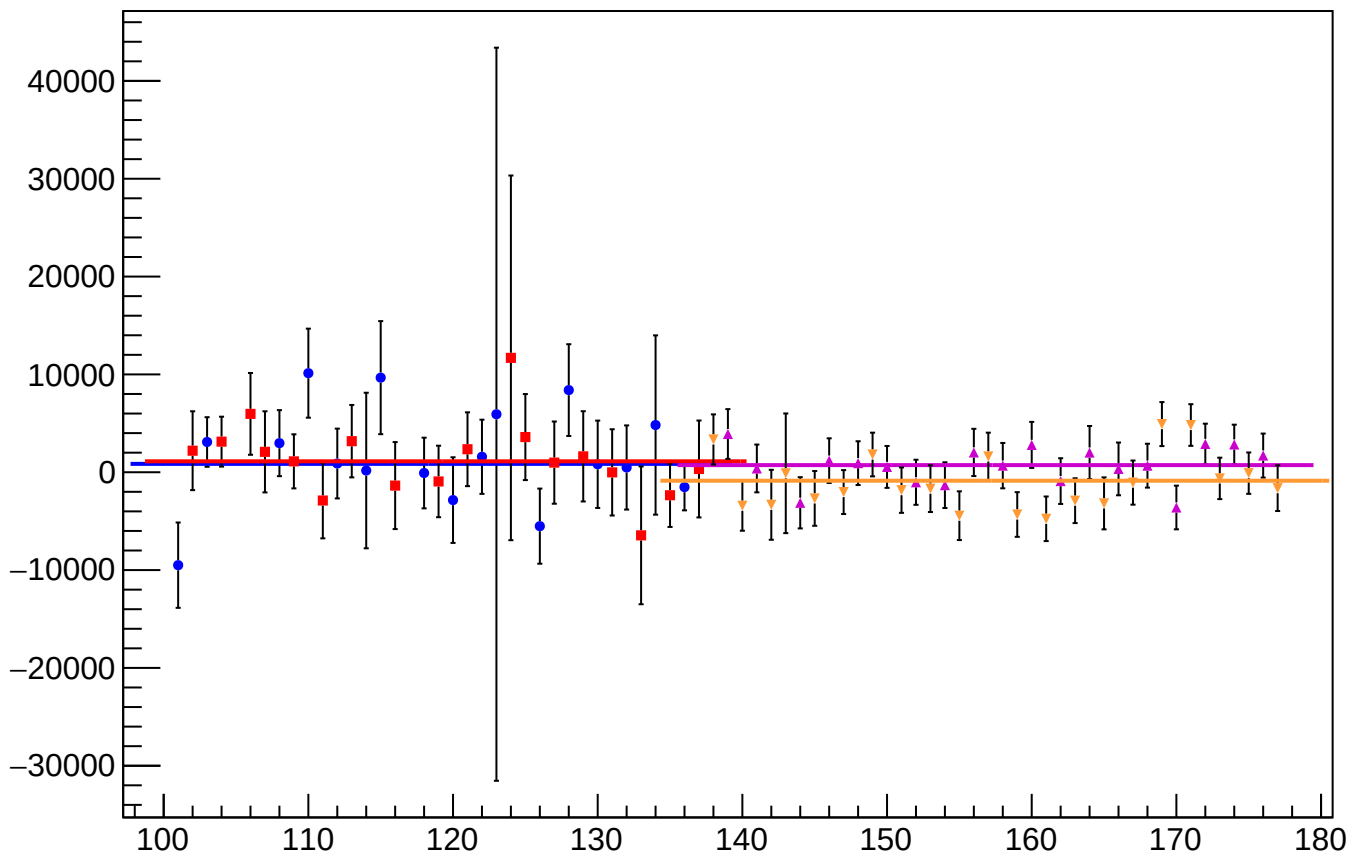
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3743.184+/-0.562 χ^2/NDF : 1200624.7/38

All: 3746.122+/-0.402 χ^2/NDF : 1729363.2/74

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -866.101 ± 527.714 χ^2/NDF : 30.5/20

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

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

Left: -77.254 ± 375.013 χ^2/NDF : 48.1/39

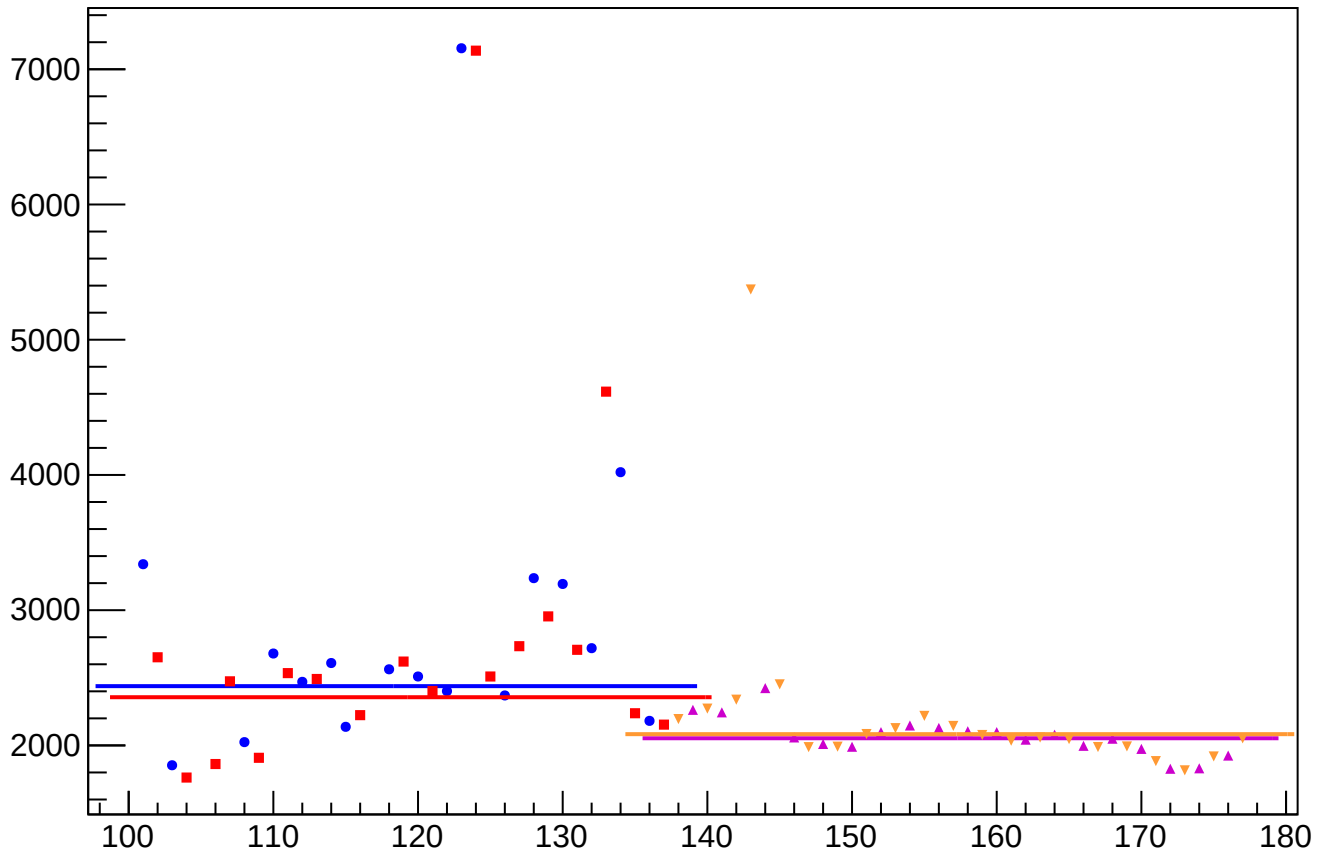
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 757.631 ± 466.549 χ^2/NDF : 33.8/35

Out: -380.751 ± 458.633 χ^2/NDF : 41.2/38

All: 178.700 ± 327.065 χ^2/NDF : 78.0/74

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2083.262 ± 0.373 $\chi^2/\text{NDF}: 723108.5/20$

Right Out: 2356.405 ± 0.656 $\chi^2/\text{NDF}: 629132.8/17$

Left In: 2052.975 ± 0.377 $\chi^2/\text{NDF}: 134352.3/18$

Left: 2068.270 ± 0.265 $\chi^2/\text{NDF}: 860721.6/39$

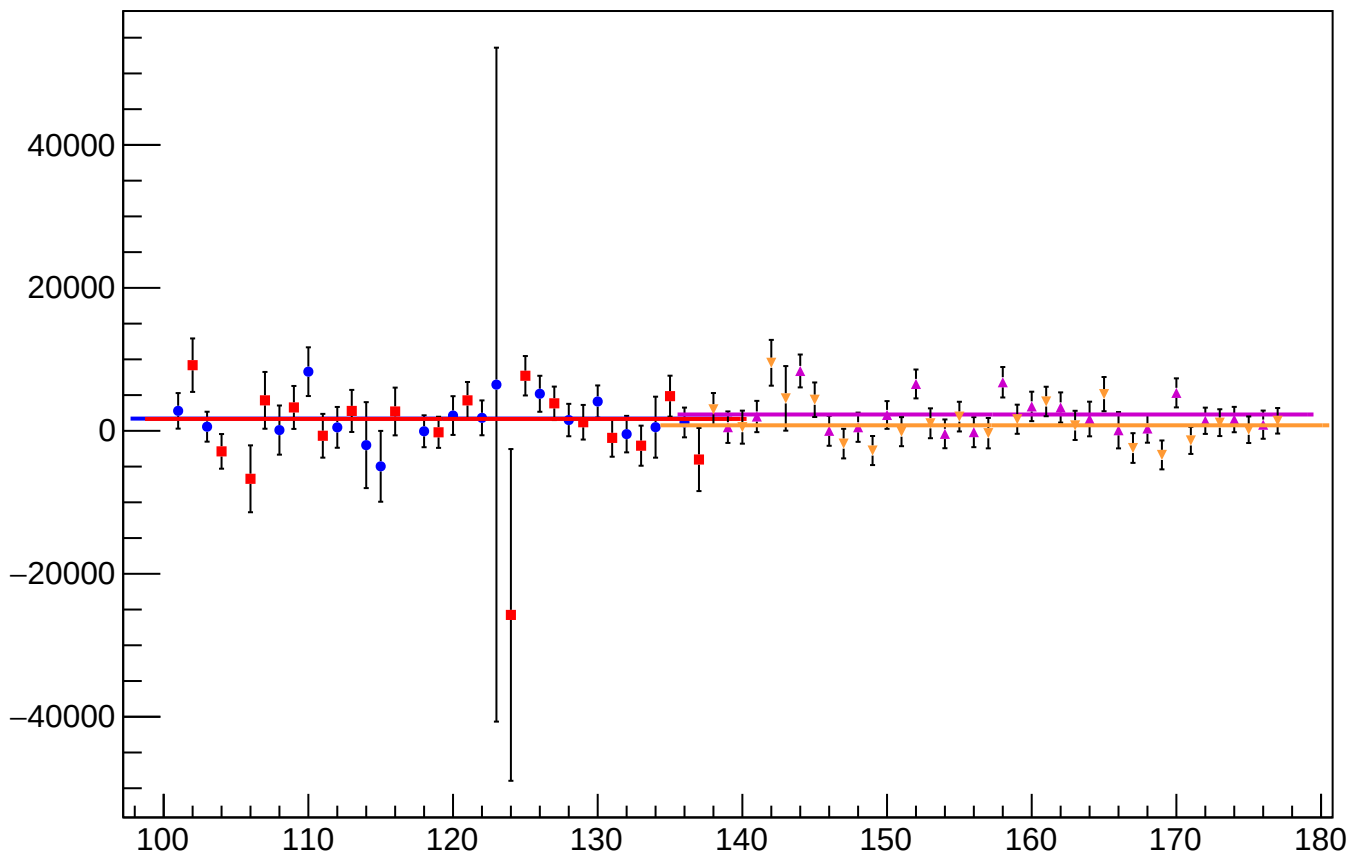
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2143.085 ± 0.330 $\chi^2/\text{NDF}: 855479.8/35$

Out: 2150.093 ± 0.324 $\chi^2/\text{NDF}: 1483342.0/38$

All: 2146.649 ± 0.231 $\chi^2/\text{NDF}: 2339051.2/74$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 774.036+/-464.730 χ^2/NDF :30.9/20

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

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

Left: 1513.461+/-332.299 χ^2/NDF : 63.2/39

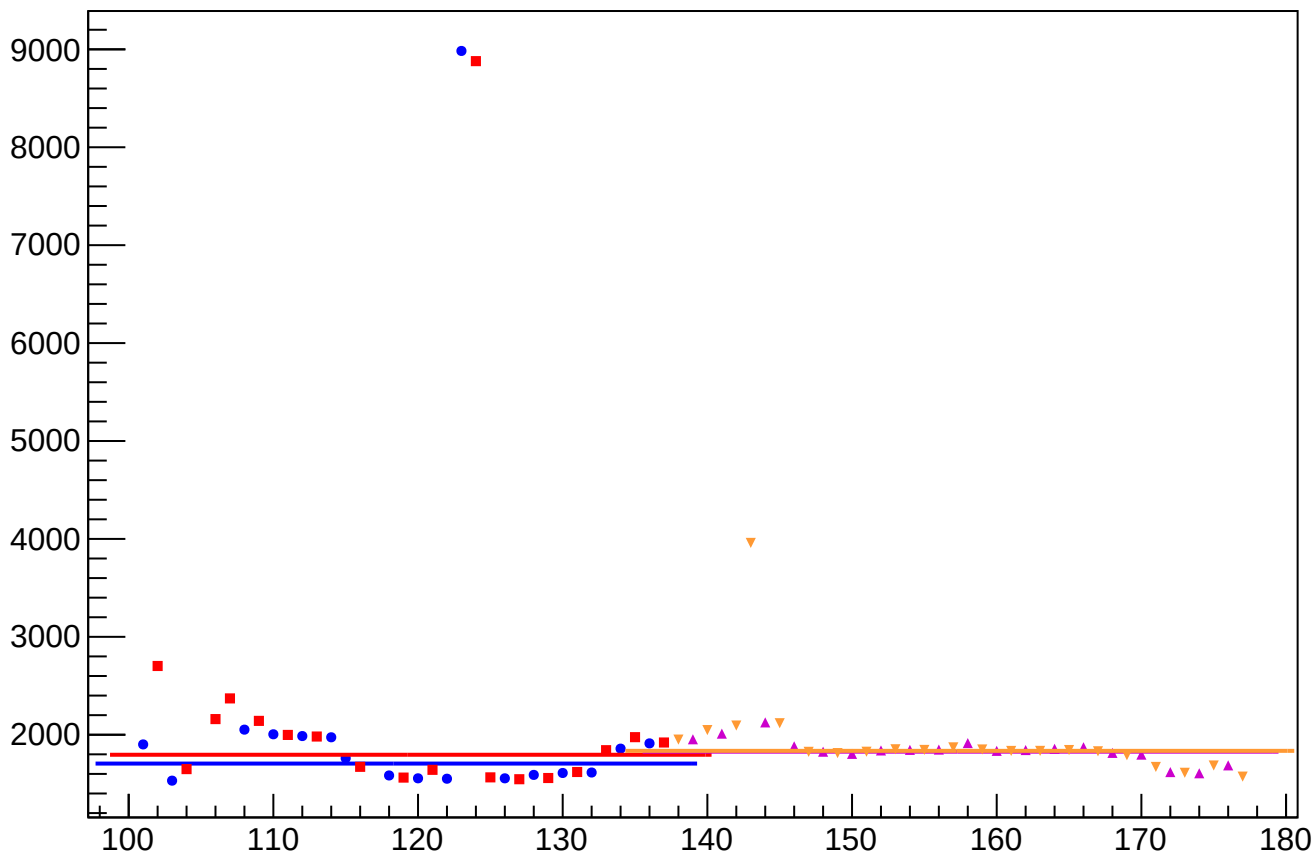
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

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

Out: 1049.053+/-386.441 χ^2/NDF :58.8/38

All: 1570.399+/-273.496 χ^2/NDF : 101.5/74

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1835.568 +/- 0.329 χ^2/NDF : 606310.3/20

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

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

Left: 1831.370 +/- 0.235 χ^2/NDF : 734932.7/39

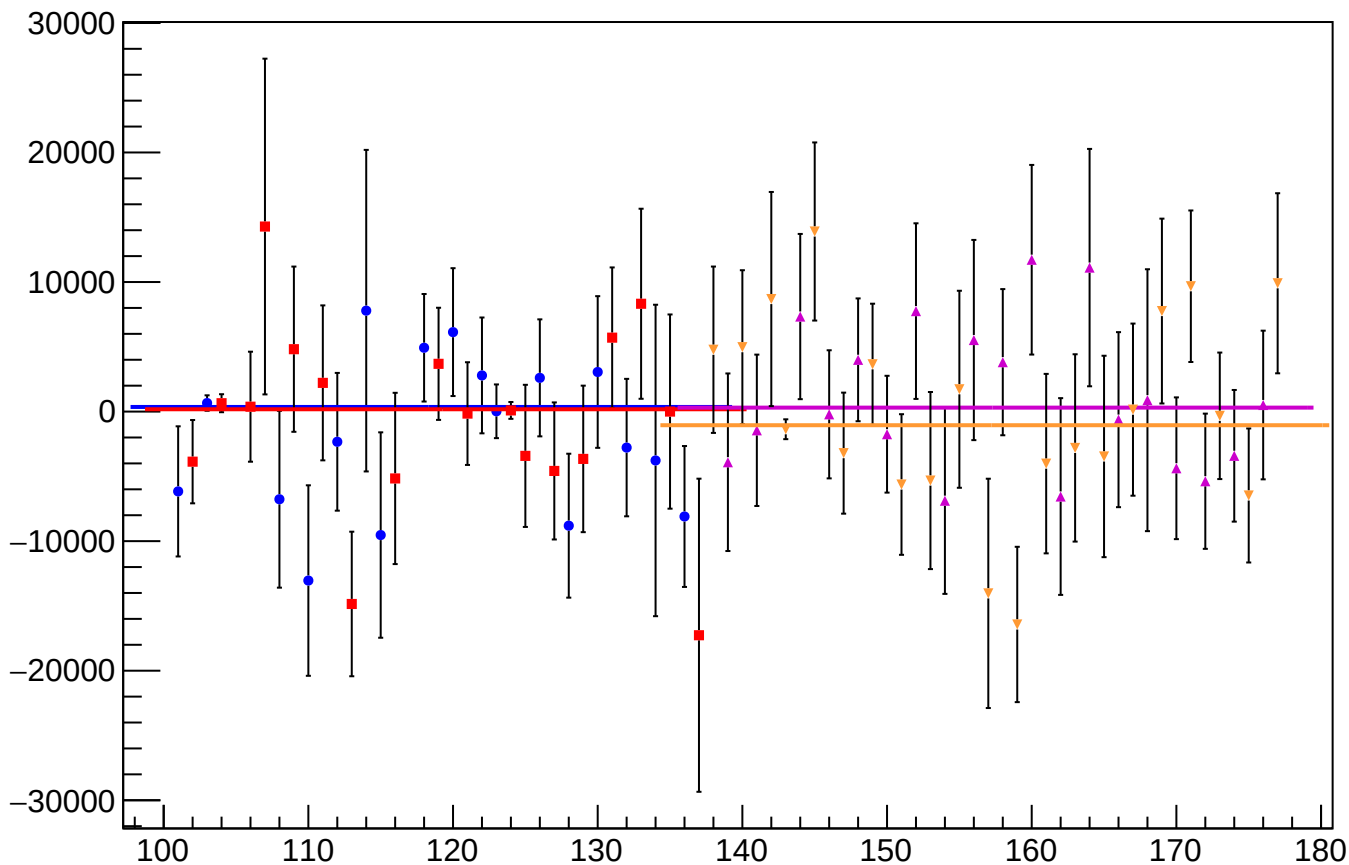
Right: 1748.814 +/- 0.340 χ^2/NDF : 730436.4/34

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

Out: 1823.191 +/- 0.273 χ^2/NDF : 1129699.5/38

All: 1804.700 +/- 0.193 χ^2/NDF : 1505249.5/74

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1052.307 $\pm$ 670.384 χ^2/NDF :28.2/20

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

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

Left: -795.880 $\pm$ 603.780 χ^2/NDF : 41.6/39

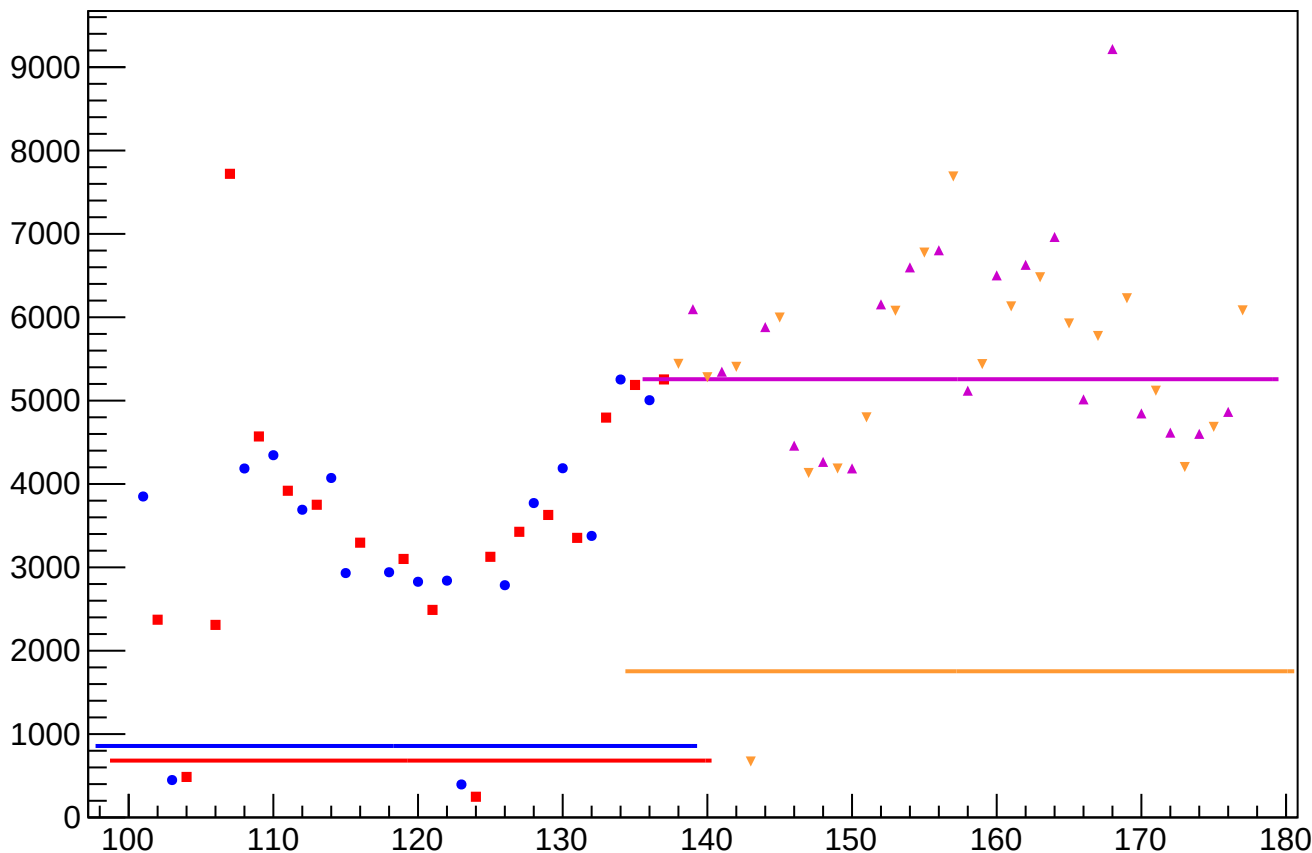
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

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

Out: -199.821 $\pm$ 371.904 χ^2/NDF :49.0/38

All: -2.719 $\pm$ 297.940 χ^2/NDF : 80.0/74

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1753.607+/-0.474 χ^2/NDF : 17862307.8/20

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

Left In: 5256.873+/-0.982 χ^2/NDF : 1074308.5/18

Left: 2415.134+/-0.427 χ^2/NDF : 29250058.3/39

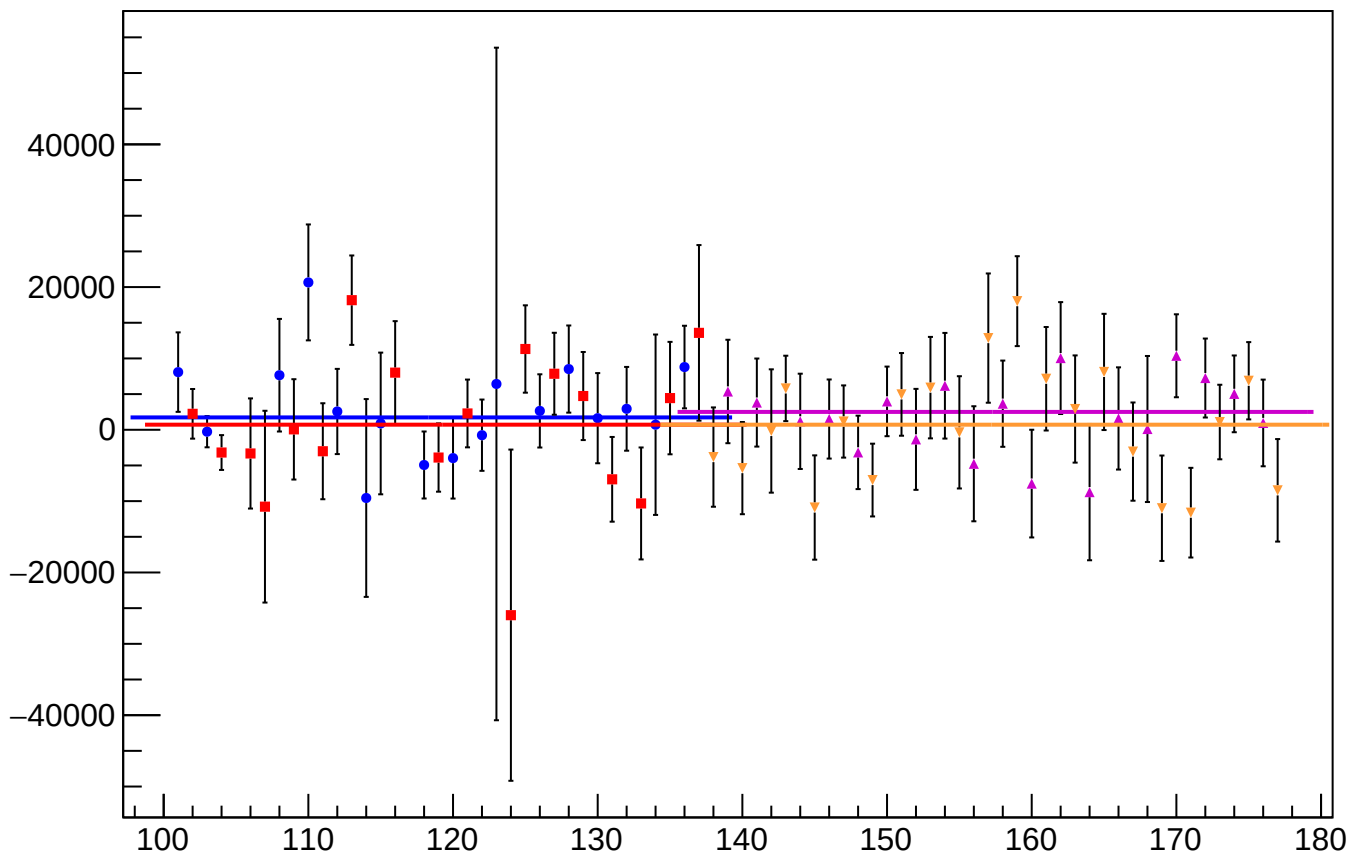
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1422.200+/-0.352 χ^2/NDF : 26726623.4/35

Out: 1011.878+/-0.263 χ^2/NDF : 30777735.4/38

All: 1158.857+/-0.211 χ^2/NDF : 58376419.6/7

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 712.976+/-1398.148 χ^2/NDF : 29.1/20

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

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

Left: 1560.001+/-1015.179 χ^2/NDF : 39.9/39

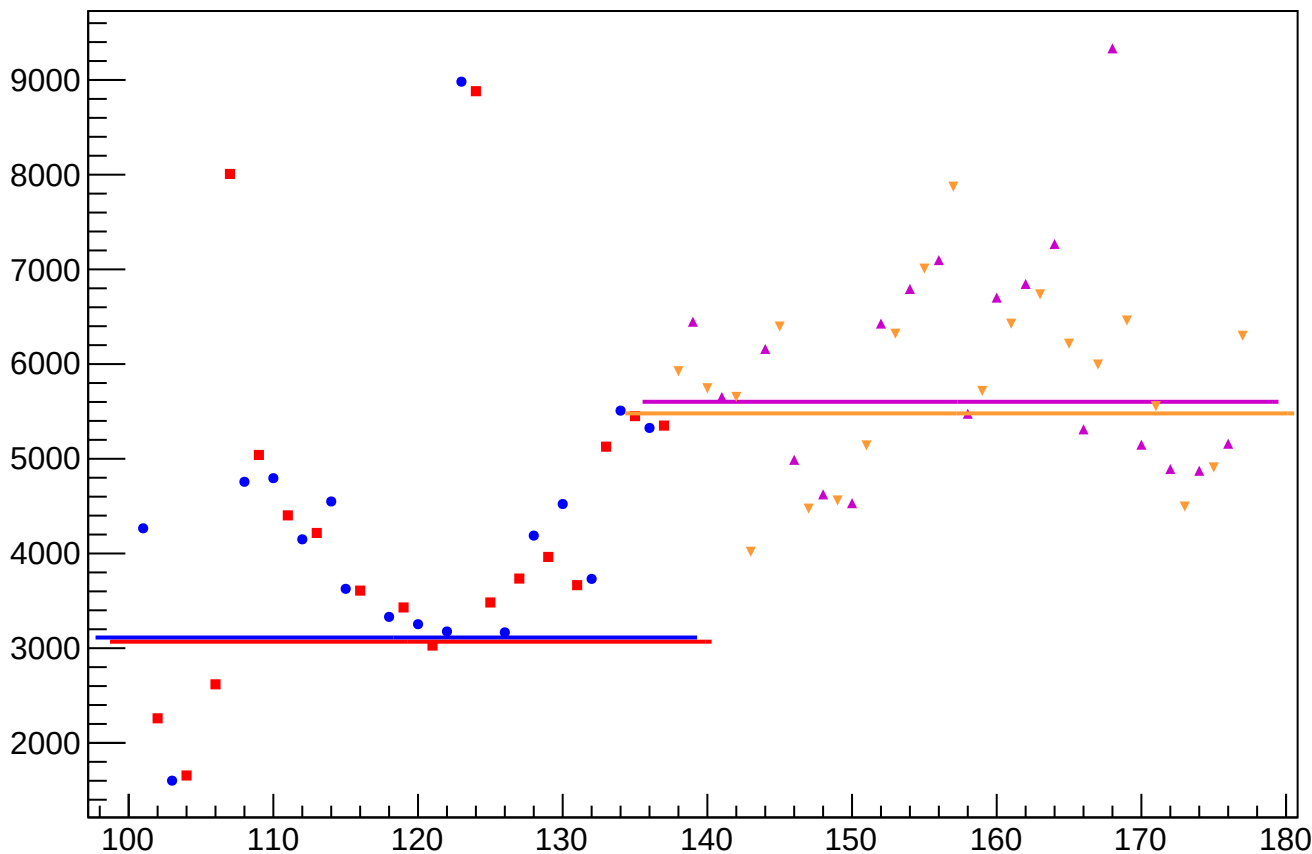
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 714.340+/-948.376 χ^2/NDF : 54.3/38

All: 1372.280+/-680.707 χ^2/NDF : 80.3/74

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5479.090 $\pm$ 0.989 χ^2 /NDF: 916194.8/20

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

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

Left: 5537.109 $\pm$ 0.718 χ^2 /NDF: 1821805.6/39

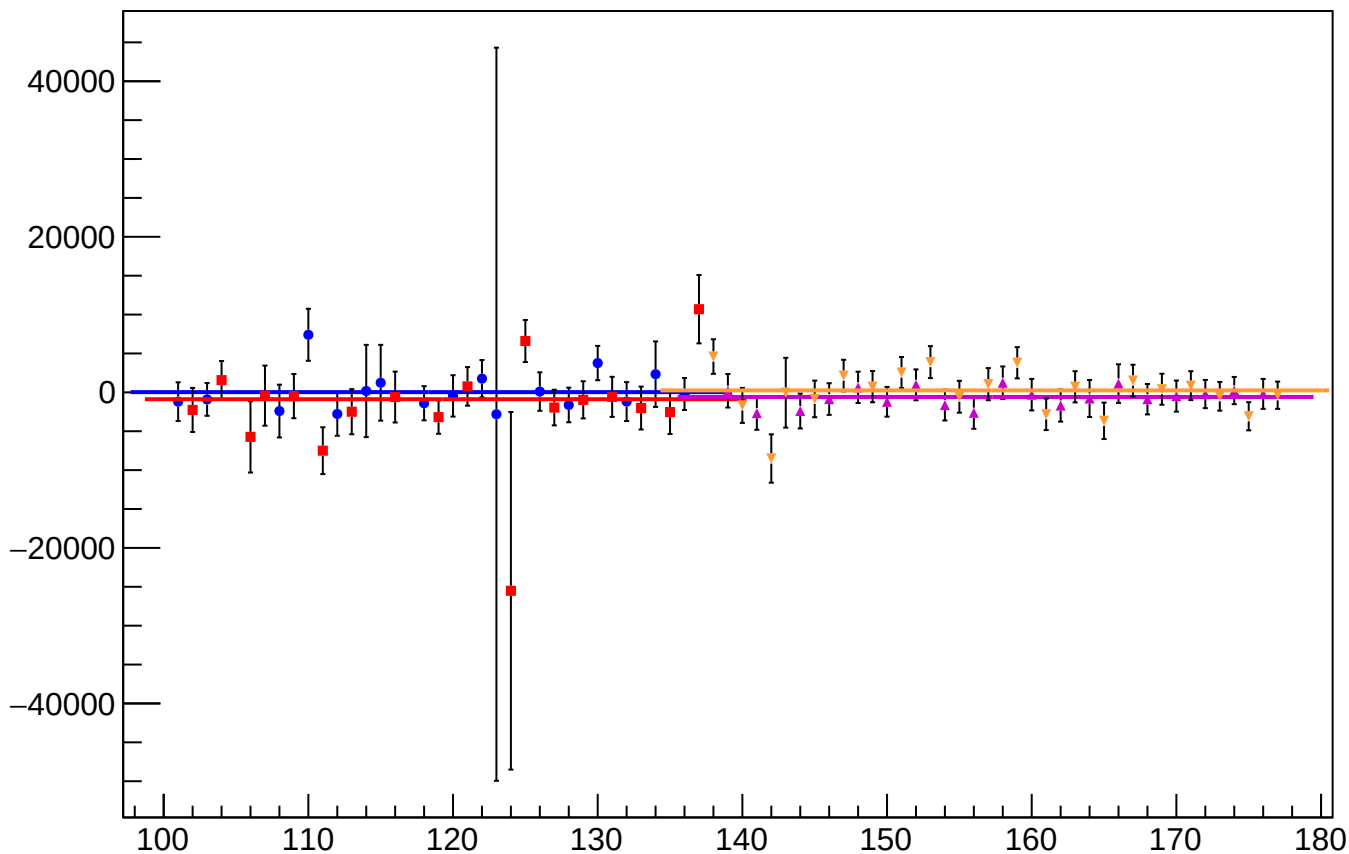
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

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

Out: 4160.128 $\pm$ 0.665 χ^2 /NDF: 6170609.6/38

All: 4181.250 $\pm$ 0.479 χ^2 /NDF: 12147766.1/77

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 251.570 ± 455.963 χ^2/NDF : 30.9/20

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

Left In: -593.225 ± 466.607 χ^2/NDF : 6.0/18

Left: -161.082 ± 326.113 χ^2/NDF : 38.5/39

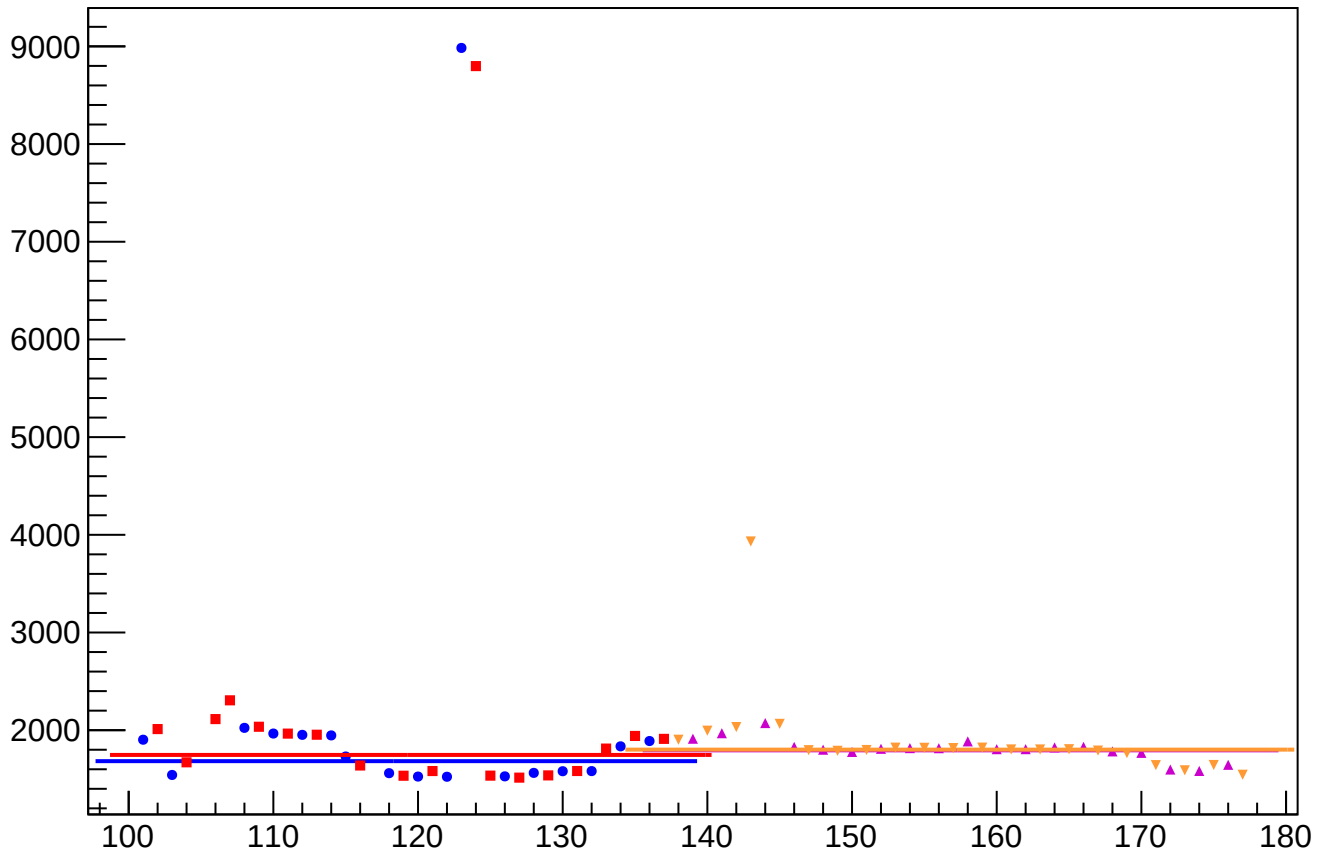
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -385.161 ± 380.698 χ^2/NDF : 18.4/35

Out: -104.098 ± 377.770 χ^2/NDF : 58.4/38

All: -243.545 ± 268.153 χ^2/NDF : 77.1/74

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1801.049+/-0.322 χ^2/NDF : 606494.1/20

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

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

Left: 1797.493+/-0.231 χ^2/NDF : 728080.7/39

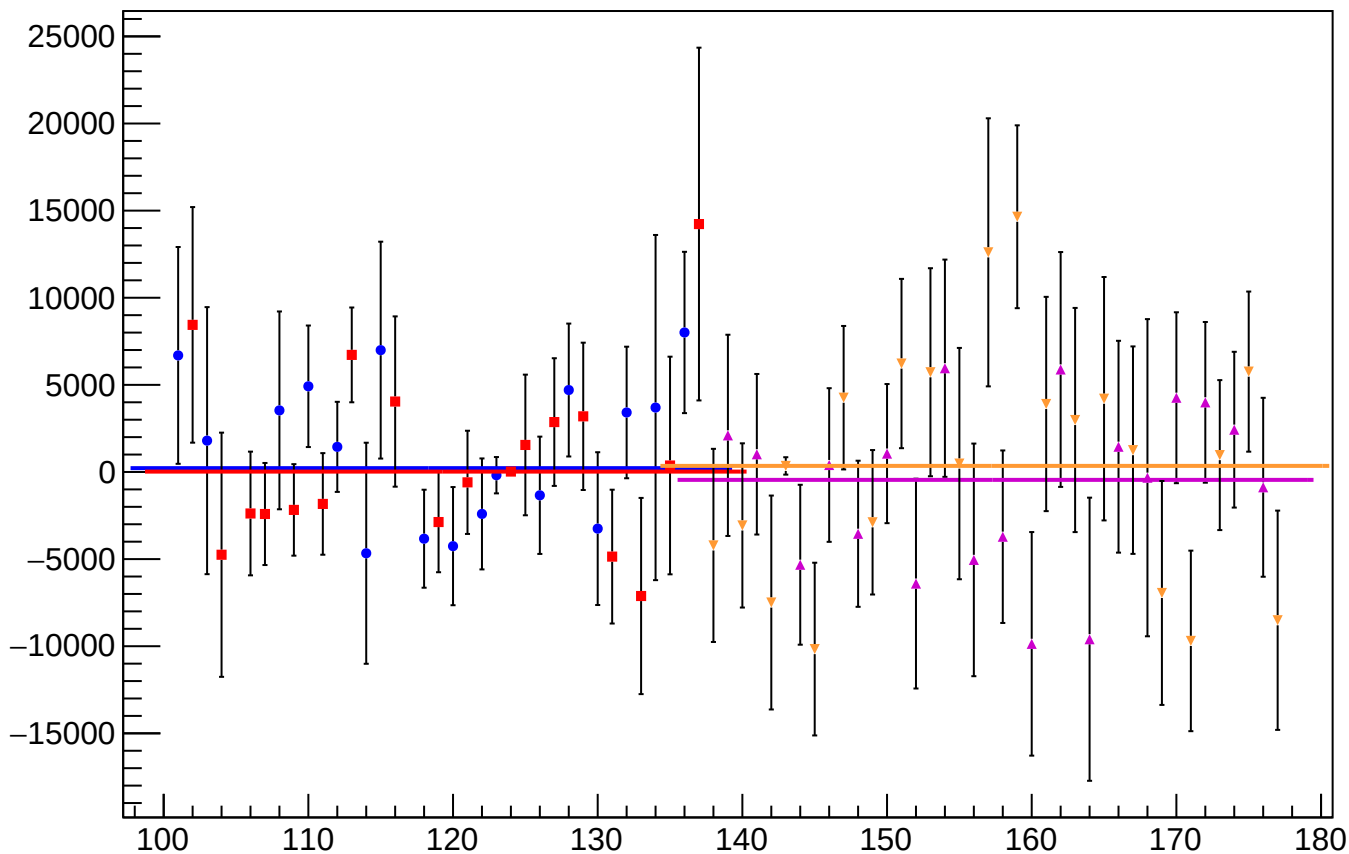
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1783.987+/-0.267 χ^2/NDF : 1022121.7/38

All: 1770.496+/-0.190 χ^2/NDF : 1382066.2/74

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 350.094 $\pm$ 460.912 χ^2 /NDF:30.4/20

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

Left In: -452.790 $\pm$ 1204.475 χ^2 /NDF:11.8/18

Left: 247.542 $\pm$ 430.471 χ^2 /NDF: 42.5/39

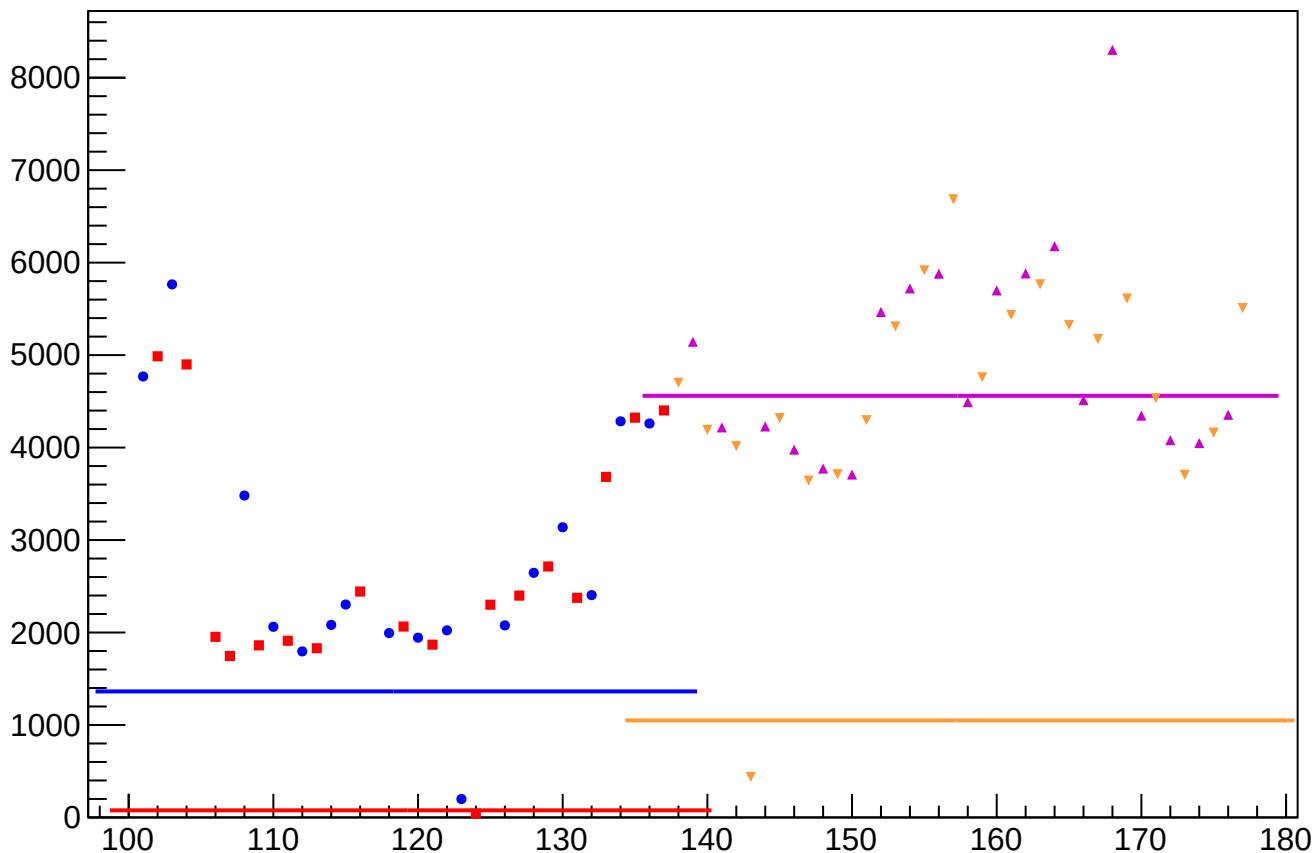
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 42.409 $\pm$ 618.580 χ^2 /NDF:27.8/35

Out: 40.904 $\pm$ 110.789 χ^2 /NDF:49.4/38

All: 40.951 $\pm$ 109.054 χ^2 /NDF: 77.2/74

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1049.860 $\pm$ 0.326 χ^2 /NDF: 21169489.5/20

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

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

Left: 1498.167 $\pm$ 0.304 χ^2 /NDF: 37026819.3/39

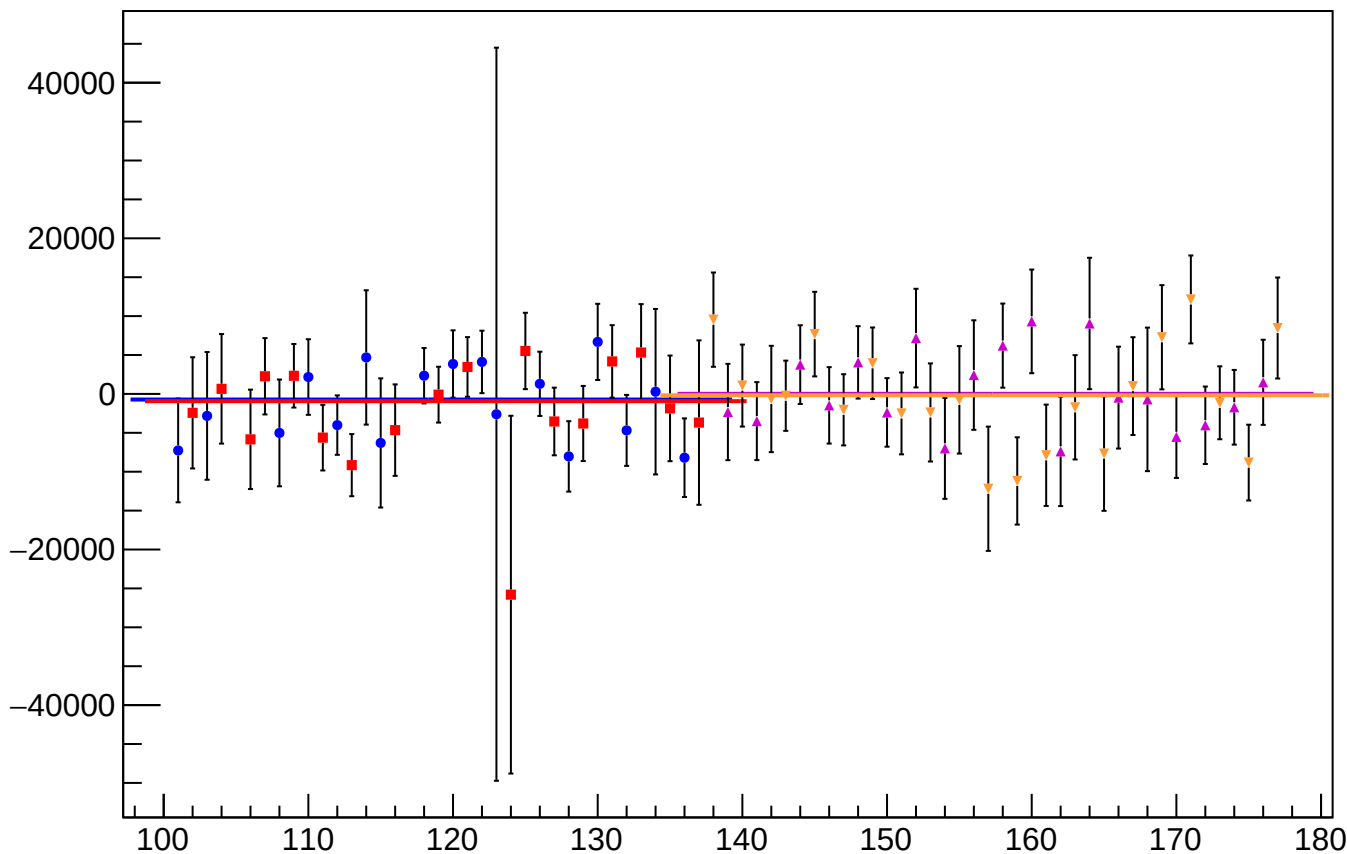
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 133.051 $\pm$ 0.078 χ^2 /NDF: 42682289.0/38

All: 197.480 $\pm$ 0.077 χ^2 /NDF: 82097436.4/74

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -173.559+/-1243.150 χ^2/NDF : 25.6/20

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

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

Left: -84.750+/-898.367 χ^2/NDF : 38.0/39

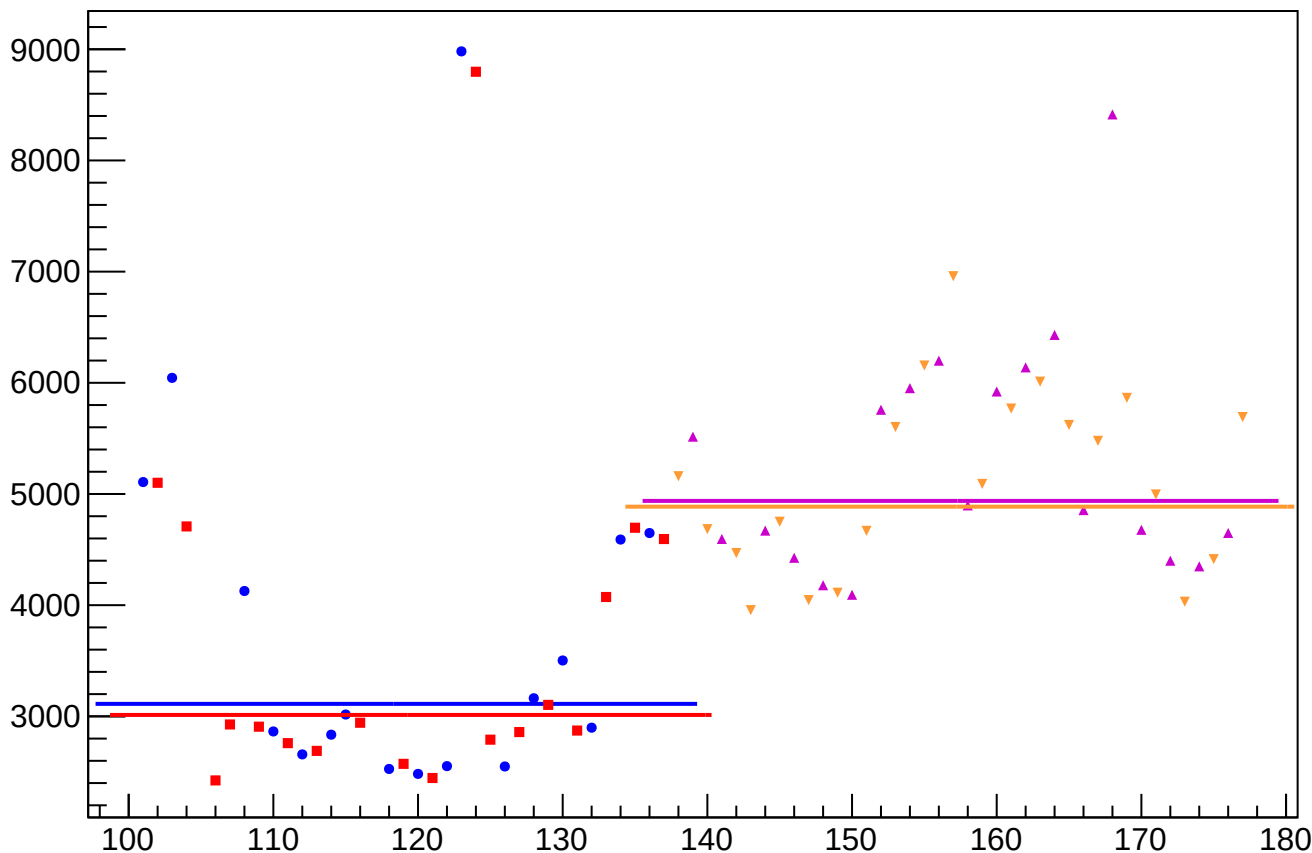
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -567.774+/-861.309 χ^2/NDF : 40.7/38

All: -472.549+/-622.888 χ^2/NDF : 68.0/74

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4885.878 $\pm$ 0.879 χ^2/NDF : 749415.2/20

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

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

Left: 4910.710 $\pm$ 0.635 χ^2/NDF : 1591017.9/39

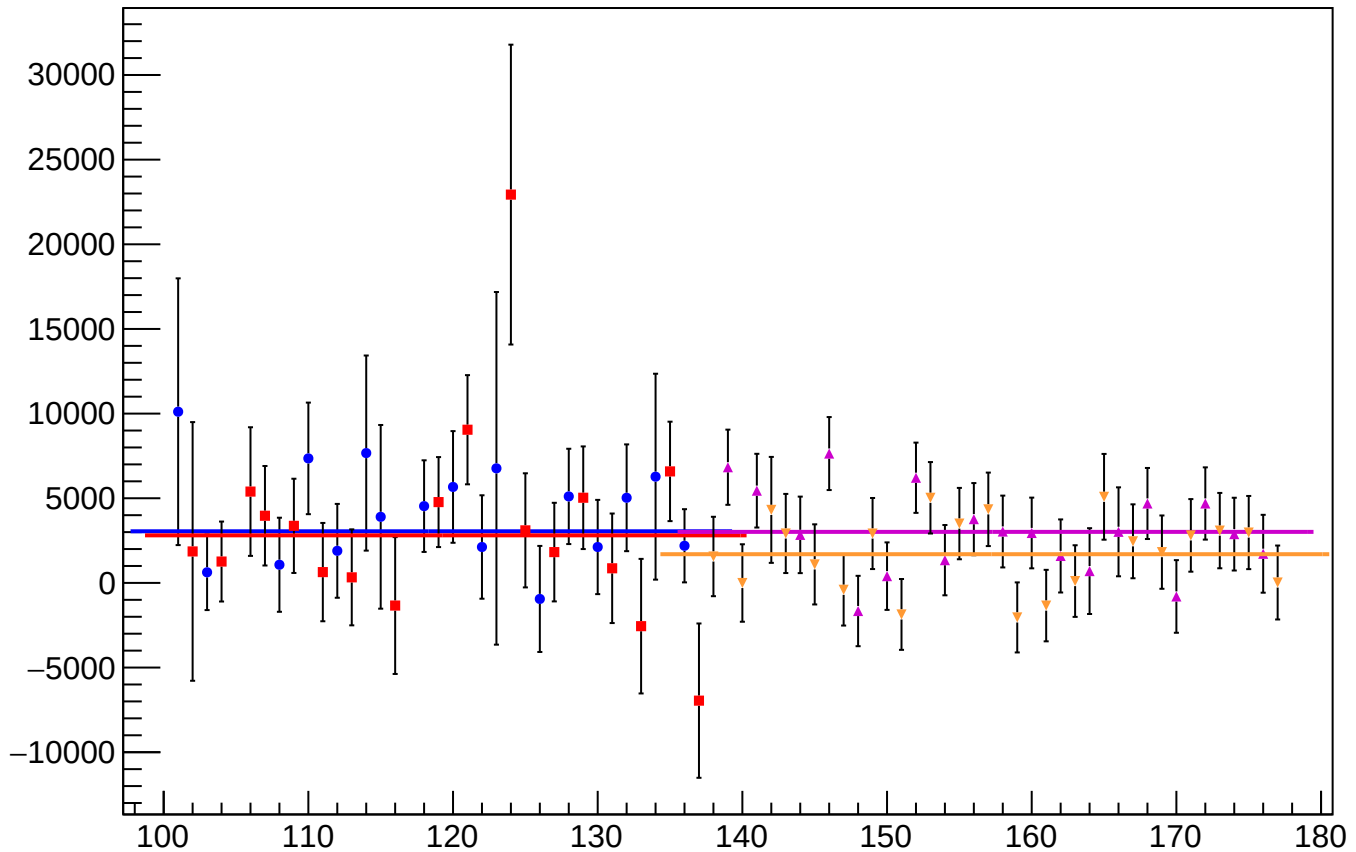
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

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

Out: 3900.143 $\pm$ 0.605 χ^2/NDF : 3913182.3/38

All: 3943.324 $\pm$ 0.439 χ^2/NDF : 7768328.4/74

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1695.281 $\pm$ 483.254 χ^2/NDF : 19.9/20

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

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

Left: 2334.756 $\pm$ 346.865 χ^2/NDF : 48.3/39

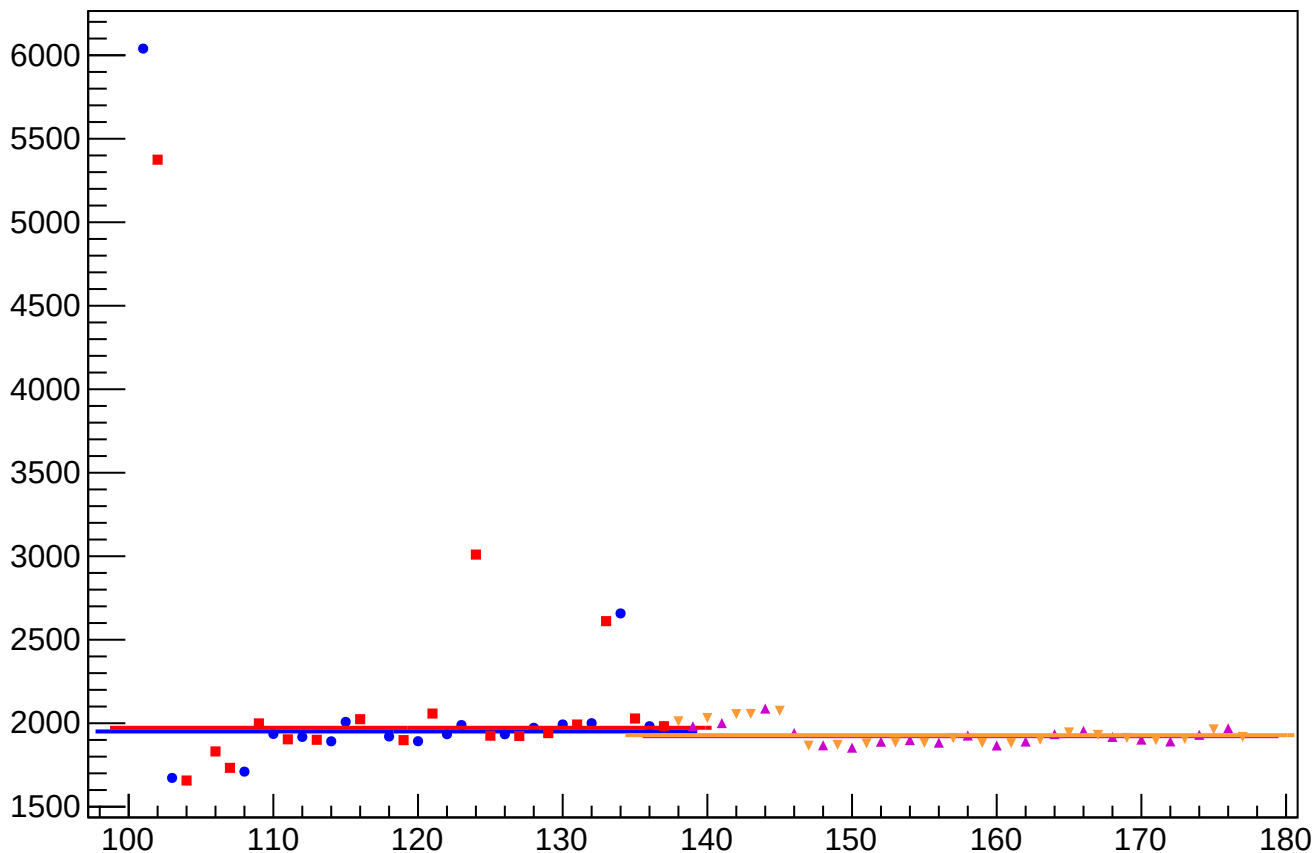
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

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

Out: 2012.261 $\pm$ 408.747 χ^2/NDF : 43.5/38

All: 2506.299 $\pm$ 292.461 χ^2/NDF : 80.5/74

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1928.455 $\pm$ 0.342 χ^2 /NDF:33418.7/20

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

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

Left: 1925.528 $\pm$ 0.245 χ^2 /NDF: 57362.8/39

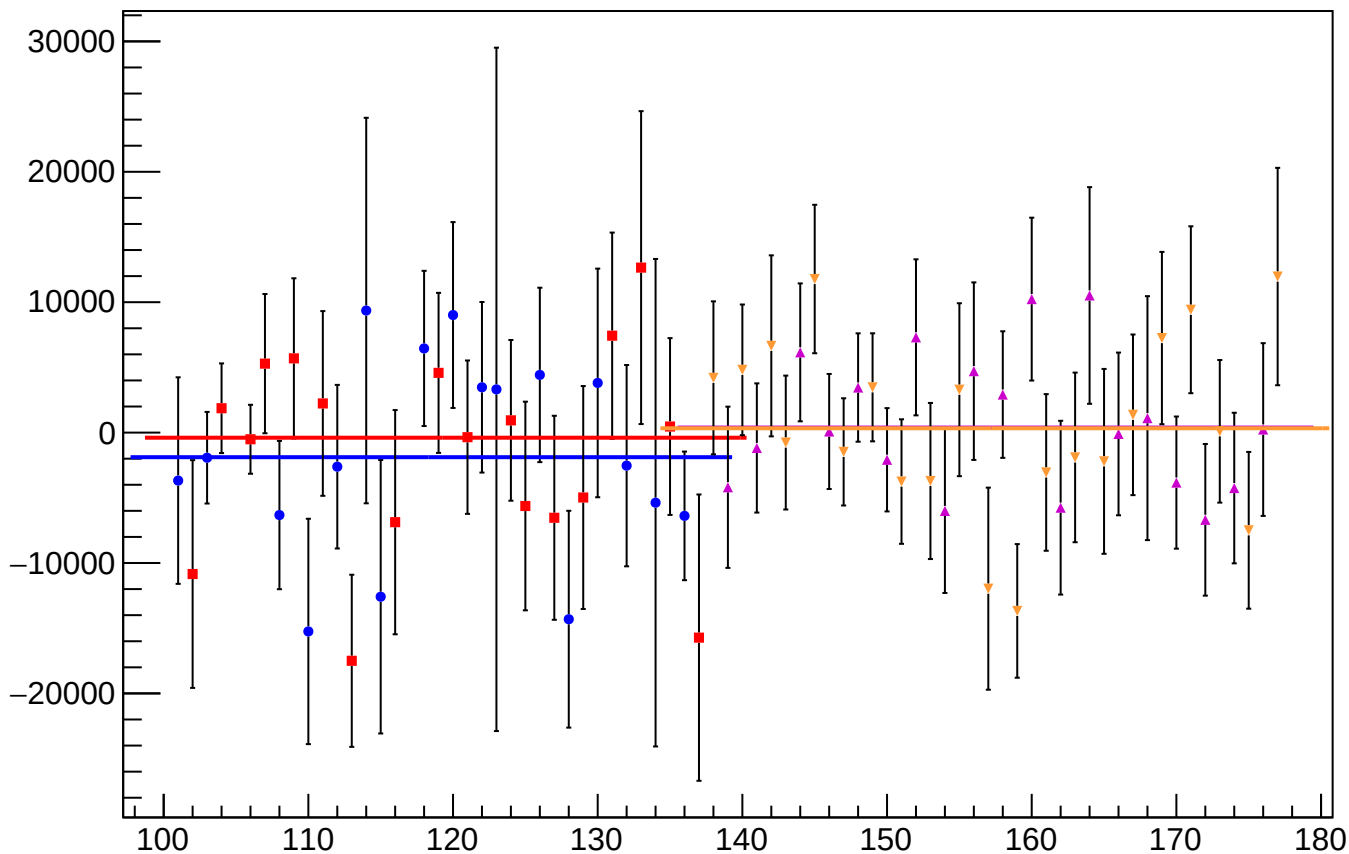
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

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

Out: 1941.065 $\pm$ 0.289 χ^2 /NDF:573869.5/38

All: 1936.019 $\pm$ 0.207 χ^2 /NDF: 1215345.1/74

asym_atr_avg_correction_mean vs Slug, Sign Corrected



Left: 358.681 $\pm$ 890.961 χ^2/NDF : 39.1/39

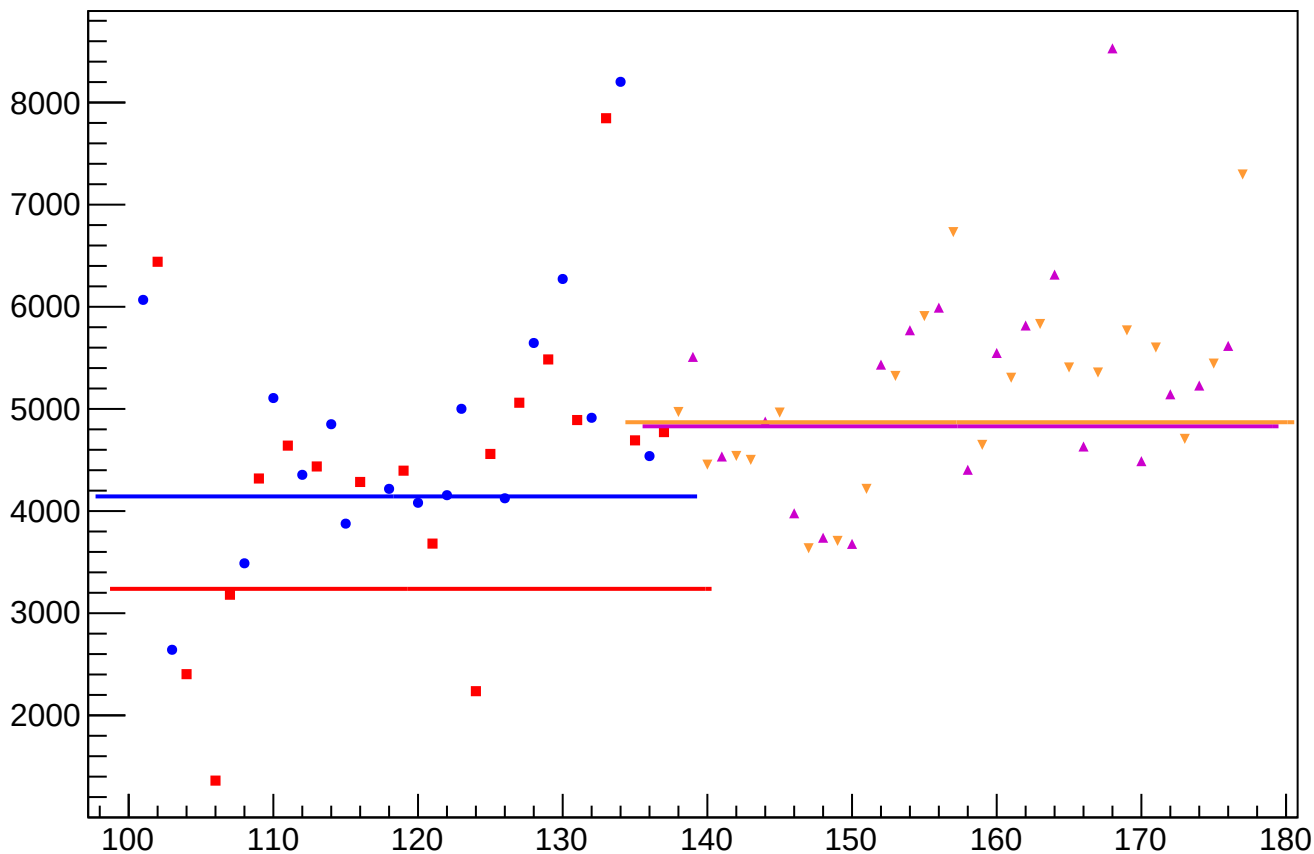
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -458.119 $\pm$ 1011.250 χ^2/NDF : 28.8/35

Out: 2.429 $\pm$ 918.640 χ^2/NDF : 43.4/38

All: -205.796 $\pm$ 679.966 χ^2/NDF : 72.3/74

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4869.867+/-0.880 χ^2/NDF : 915016.9/20

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

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

Left: 4850.467+/-0.630 χ^2/NDF : 1969445.7/39

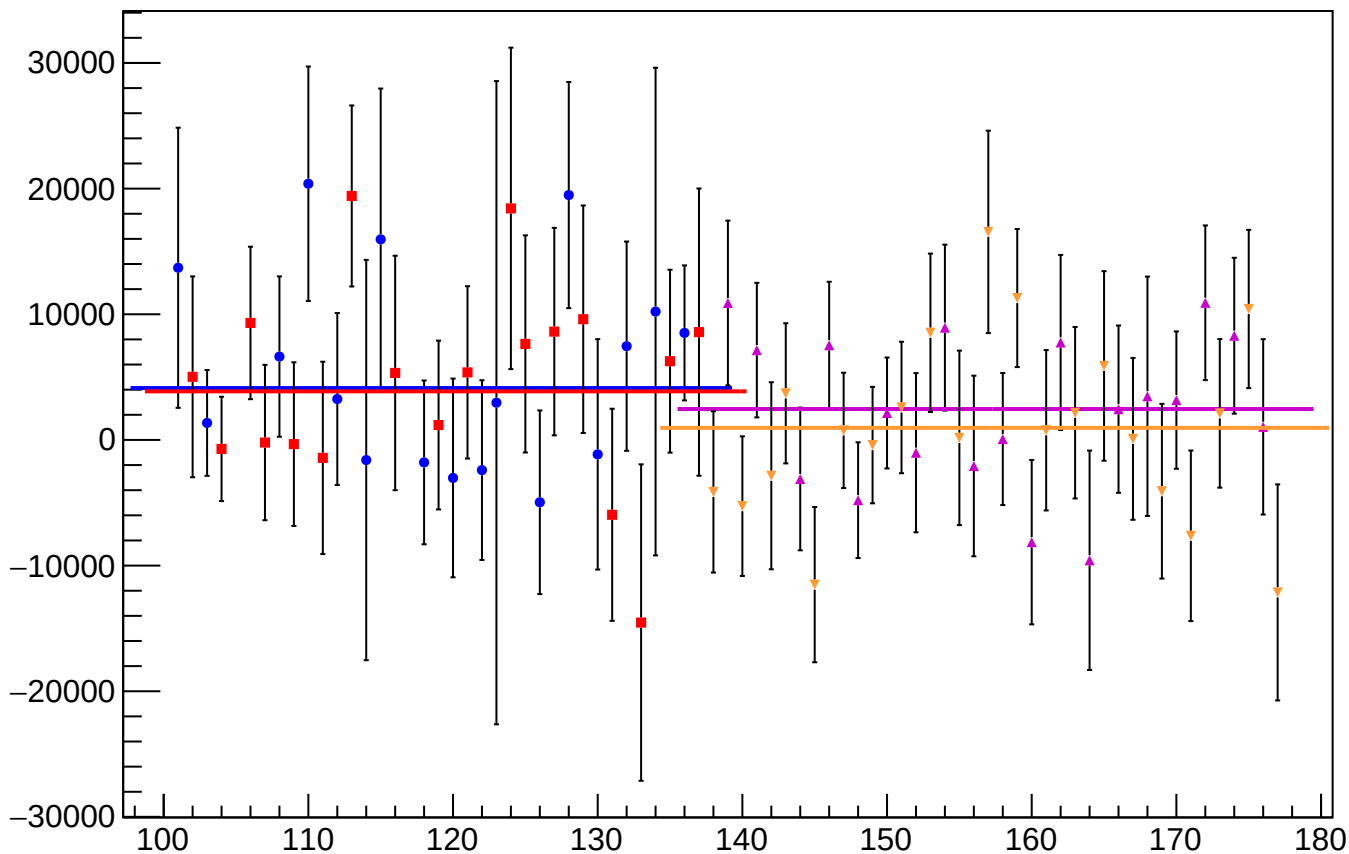
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

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

Out: 4127.421+/-0.650 χ^2/NDF : 5060927.5/38

All: 4329.623+/-0.481 χ^2/NDF : 7400034.2/74

asym_atr_avg_mean vs Slug, Sign Corrected



Left: 1690.512 +/- 960.884 χ^2/NDF : 39.9/39

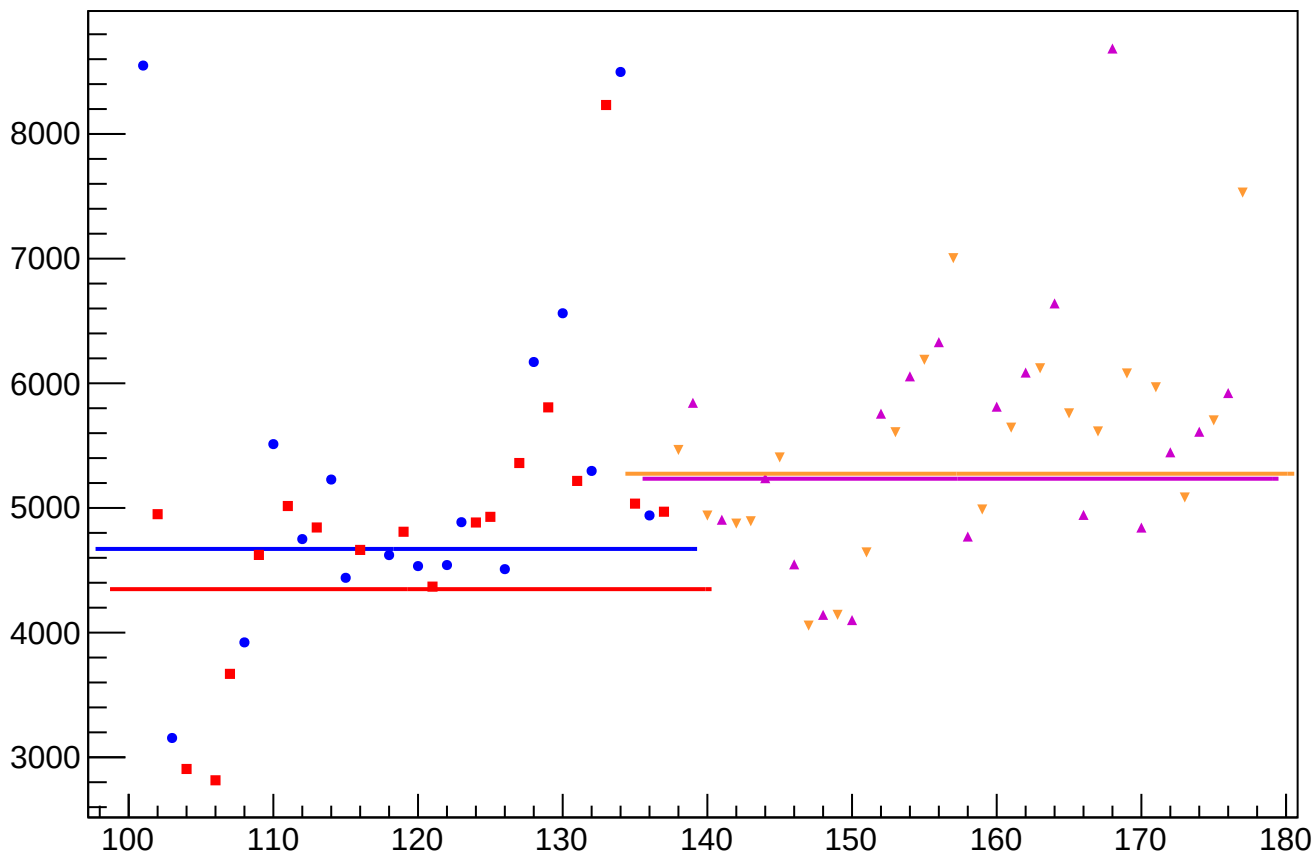
Right: 3986.746 +/- 1266.737 χ^2/NDF : 27.9/34

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

Out: 2054.050 +/- 1059.527 χ^2/NDF : 38.6/38

All: 2529.189 +/- 765.554 χ^2/NDF : 69.9/74

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5274.625+/-0.949 χ^2/NDF : 700334.7/20

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

Left In: 5234.366+/-0.974 χ^2/NDF : 816115.8/18

Left: 5255.022+/-0.679 χ^2/NDF : 1517327.6/39

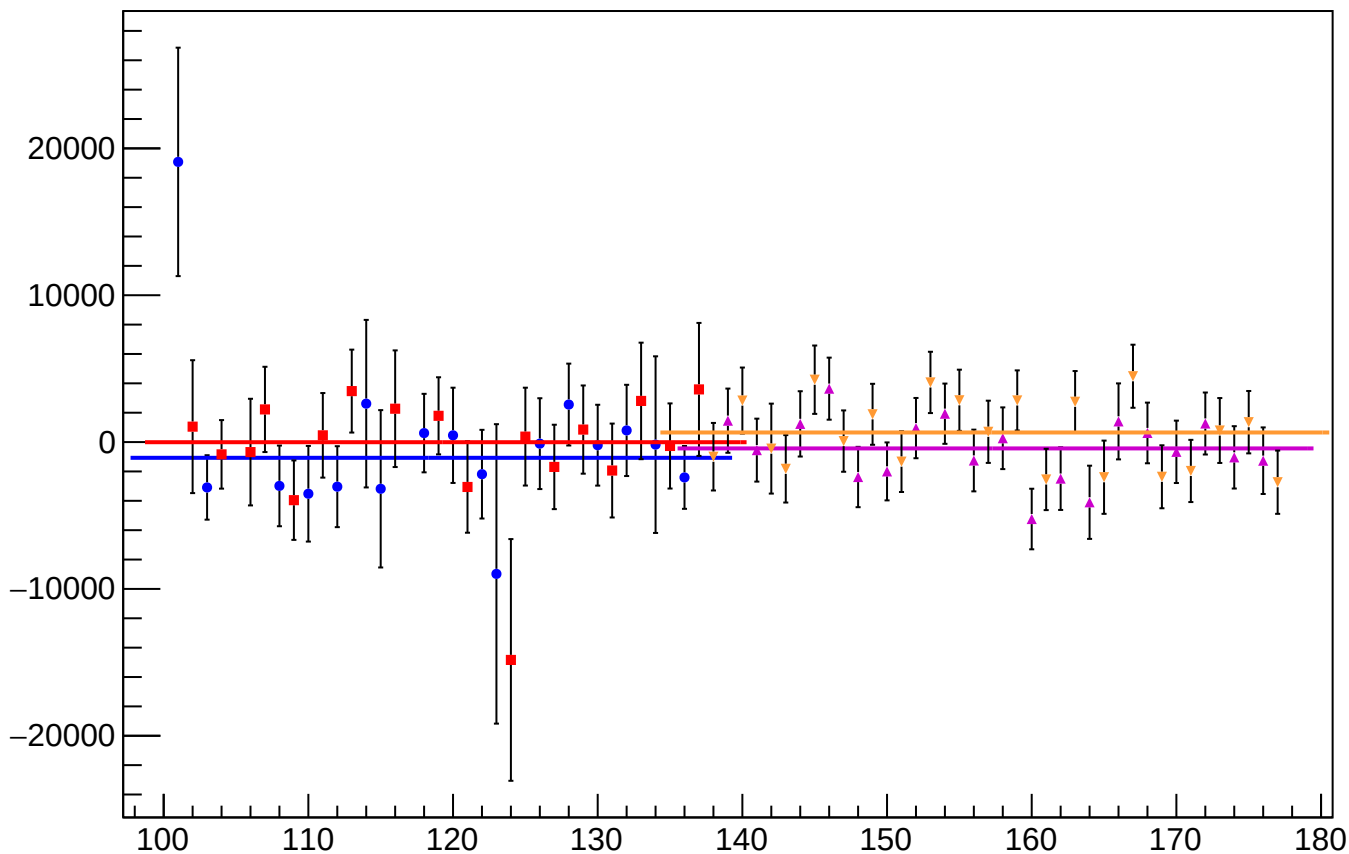
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5035.447+/-0.783 χ^2/NDF : 1720361.6/35

Out: 4923.790+/-0.748 χ^2/NDF : 1853784.4/38

All: 4977.032+/-0.541 χ^2/NDF : 3584783.8/74

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2/NDF : 13.7/16

Left Out: 653.300 $\pm$ 476.619 χ^2/NDF : 25.5/20

Right Out: -8.910 $\pm$ 748.092 χ^2/NDF : 11.4/17

Left In: -432.281 $\pm$ 491.661 χ^2/NDF : 18.8/18

Left: 127.370 $\pm$ 342.215 χ^2/NDF : 46.8/39

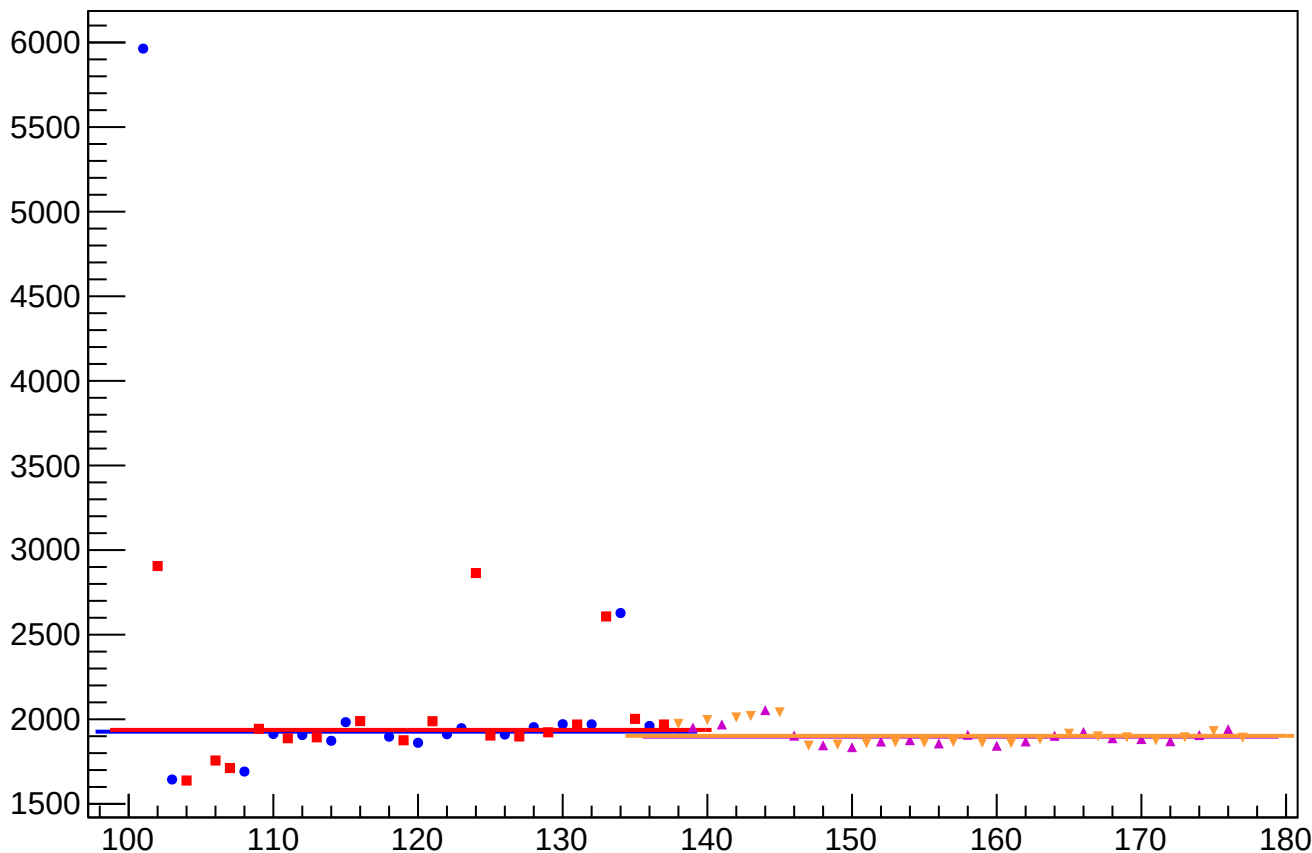
Right: -529.623 $\pm$ 534.164 χ^2/NDF : 26.1/34

In: -619.764 $\pm$ 413.283 χ^2/NDF : 33.0/35

Out: 462.108 $\pm$ 401.969 χ^2/NDF : 37.5/38

All: -63.816 $\pm$ 288.152 χ^2/NDF : 74.0/74

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1902.183+/-0.337 χ^2/NDF : 28580.8/20

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

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

Left: 1899.882+/-0.242 χ^2/NDF : 49973.6/39

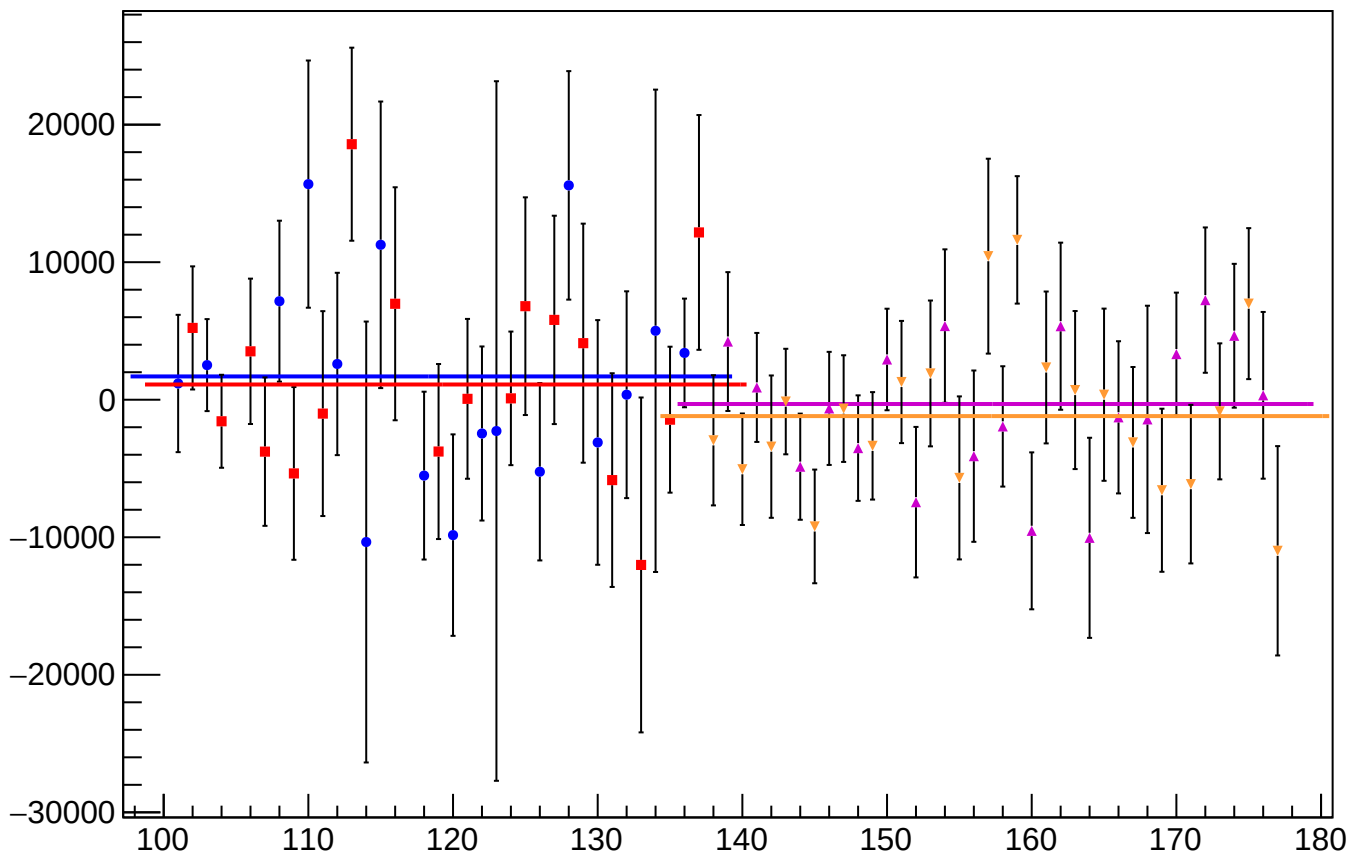
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

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

Out: 1912.327+/-0.284 χ^2/NDF : 260794.7/38

All: 1909.289+/-0.204 χ^2/NDF : 901549.3/74

asym_atr_dd_correction_mean vs Slug, Sign Corrected



Right In: 1693.966 $\pm$ 1551.941 χ^2/NDF : 13.6/16

Left Out: -1190.229 $\pm$ 1081.872 χ^2/NDF : 23.1/20

Right Out: 1107.921 $\pm$ 1412.697 χ^2/NDF : 15.9/17

Left In: -311.433 $\pm$ 1126.621 χ^2/NDF : 15.9/18

Left: -768.630 $\pm$ 780.339 χ^2/NDF : 39.4/39

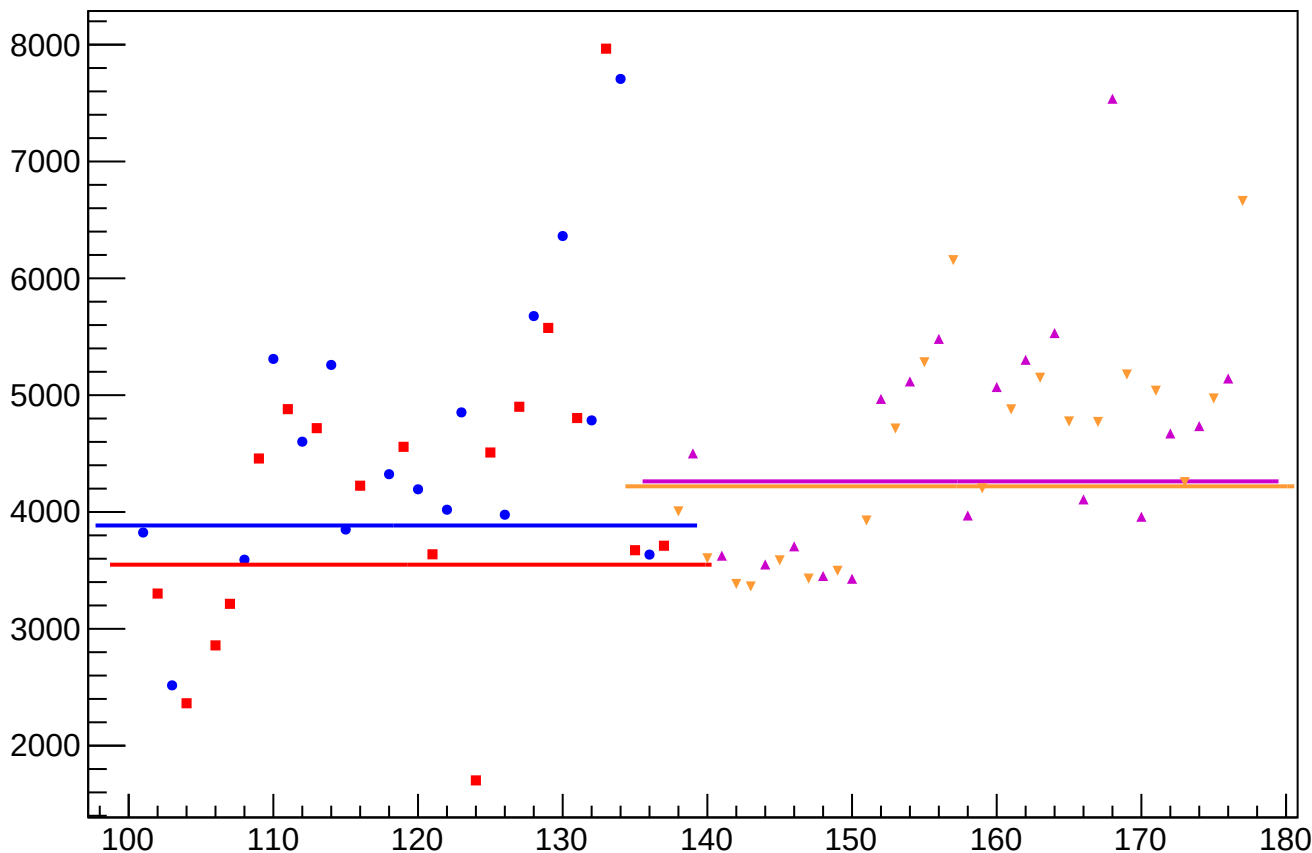
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 380.667 $\pm$ 911.715 χ^2/NDF : 30.7/35

Out: -340.662 $\pm$ 858.932 χ^2/NDF : 40.7/38

All: -1.482 $\pm$ 625.184 χ^2/NDF : 71.6/74

asym_atr_dd_correction_rms vs Slug, Sign Corrected



Right In: 3884.603 $\pm$ 1.097 χ^2 /NDF: 826563.8/16

Left Out: 4219.681 $\pm$ 0.765 χ^2 /NDF: 1093166.1/20

Right Out: 3549.133 $\pm$ 0.999 χ^2 /NDF: 1326947.7/17

Left In: 4262.219 $\pm$ 0.797 χ^2 /NDF: 1072522.4/18

Left: 4240.088 $\pm$ 0.552 χ^2 /NDF: 2167171.9/39

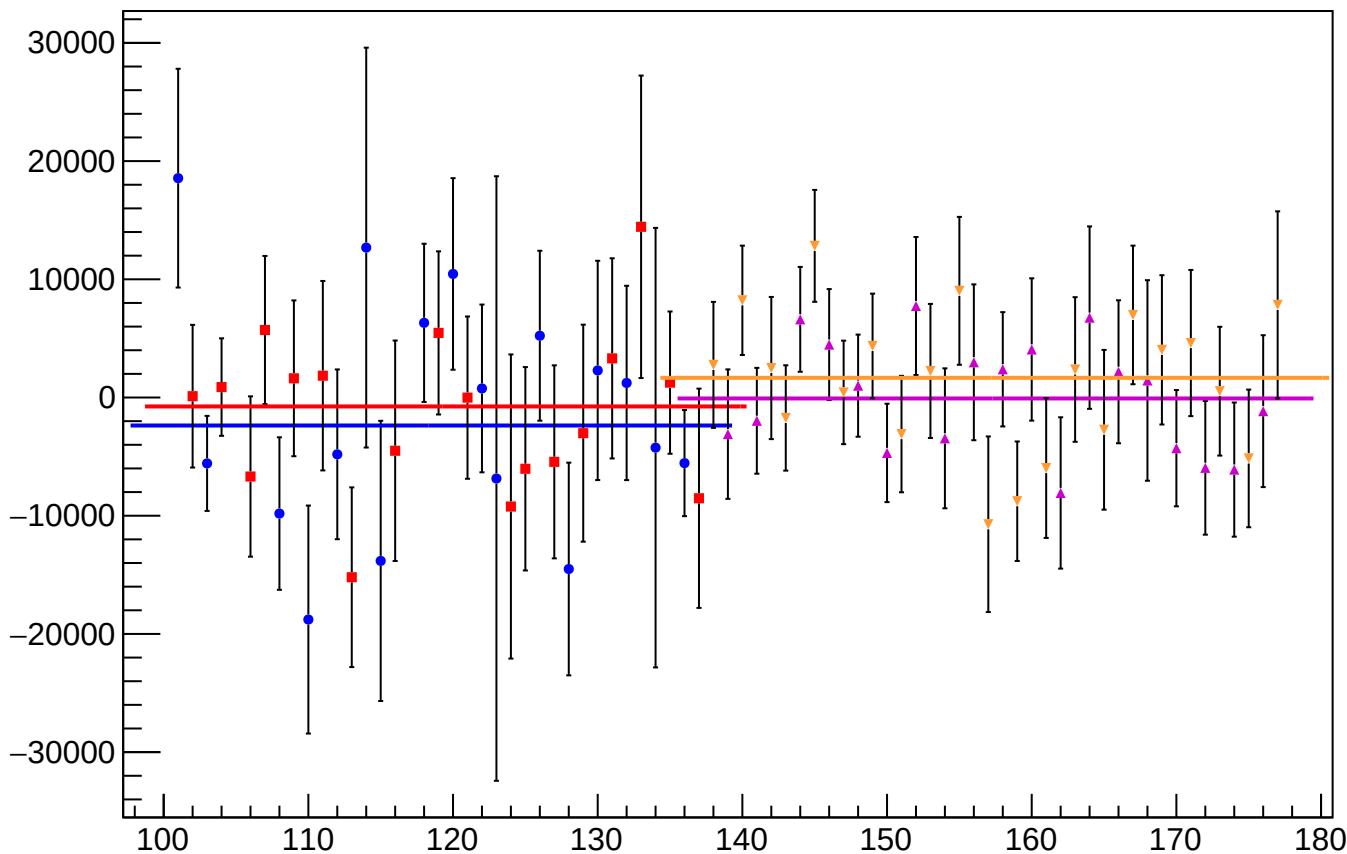
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4131.897 $\pm$ 0.645 χ^2 /NDF: 1976629.5/35

Out: 3971.796 $\pm$ 0.607 χ^2 /NDF: 2704138.5/38

All: 4047.078 $\pm$ 0.442 χ^2 /NDF: 4713441.6/74

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1665.620 $\pm$ 1195.478 χ^2 /NDF:23.4/20

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

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

Left: 823.632 $\pm$ 860.017 χ^2 /NDF: 37.9/39

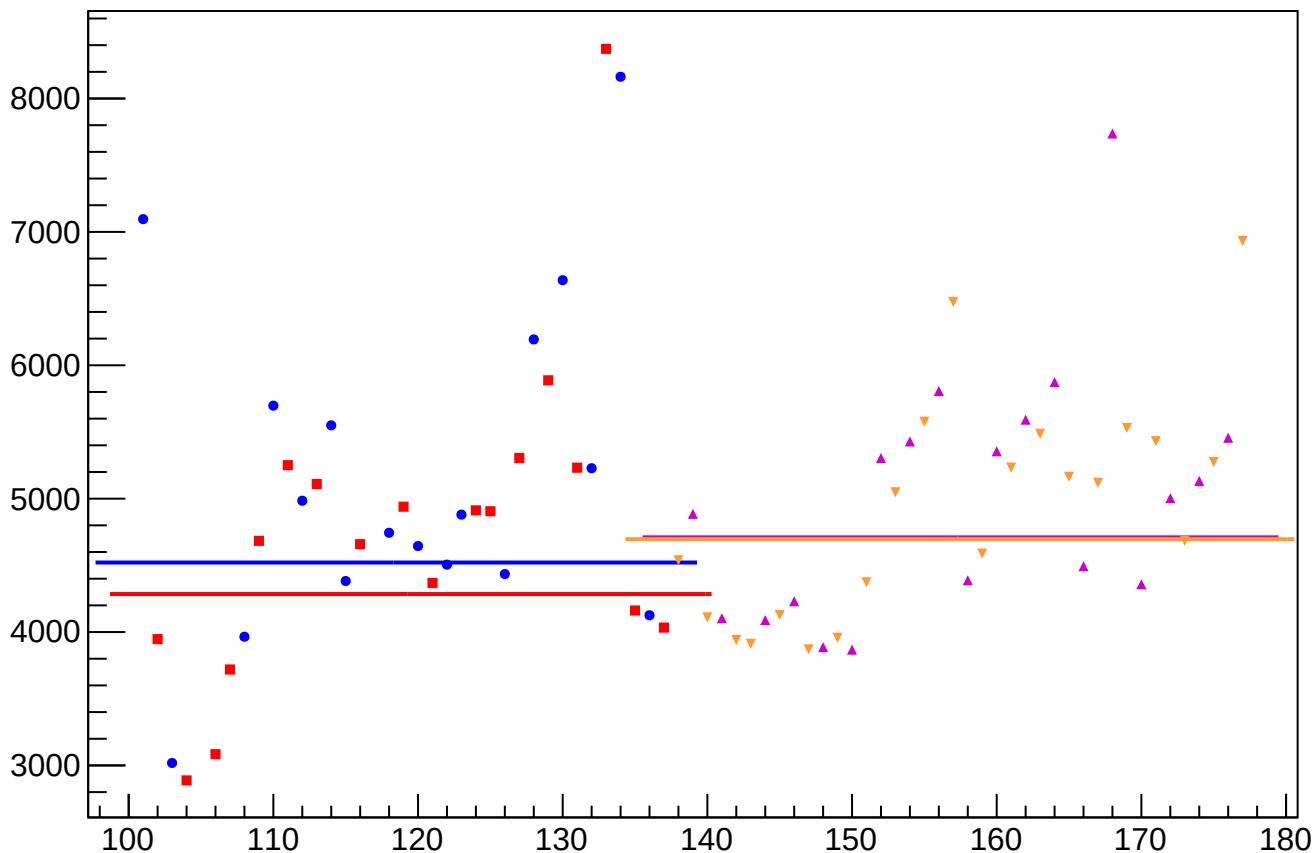
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

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

Out: 860.046 $\pm$ 976.573 χ^2 /NDF:35.2/38

All: 60.128 $\pm$ 705.547 χ^2 /NDF: 71.4/74

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4696.223+/-0.845 χ^2/NDF : 767285.5/20

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

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

Left: 4702.938+/-0.608 χ^2/NDF : 1552681.0/39

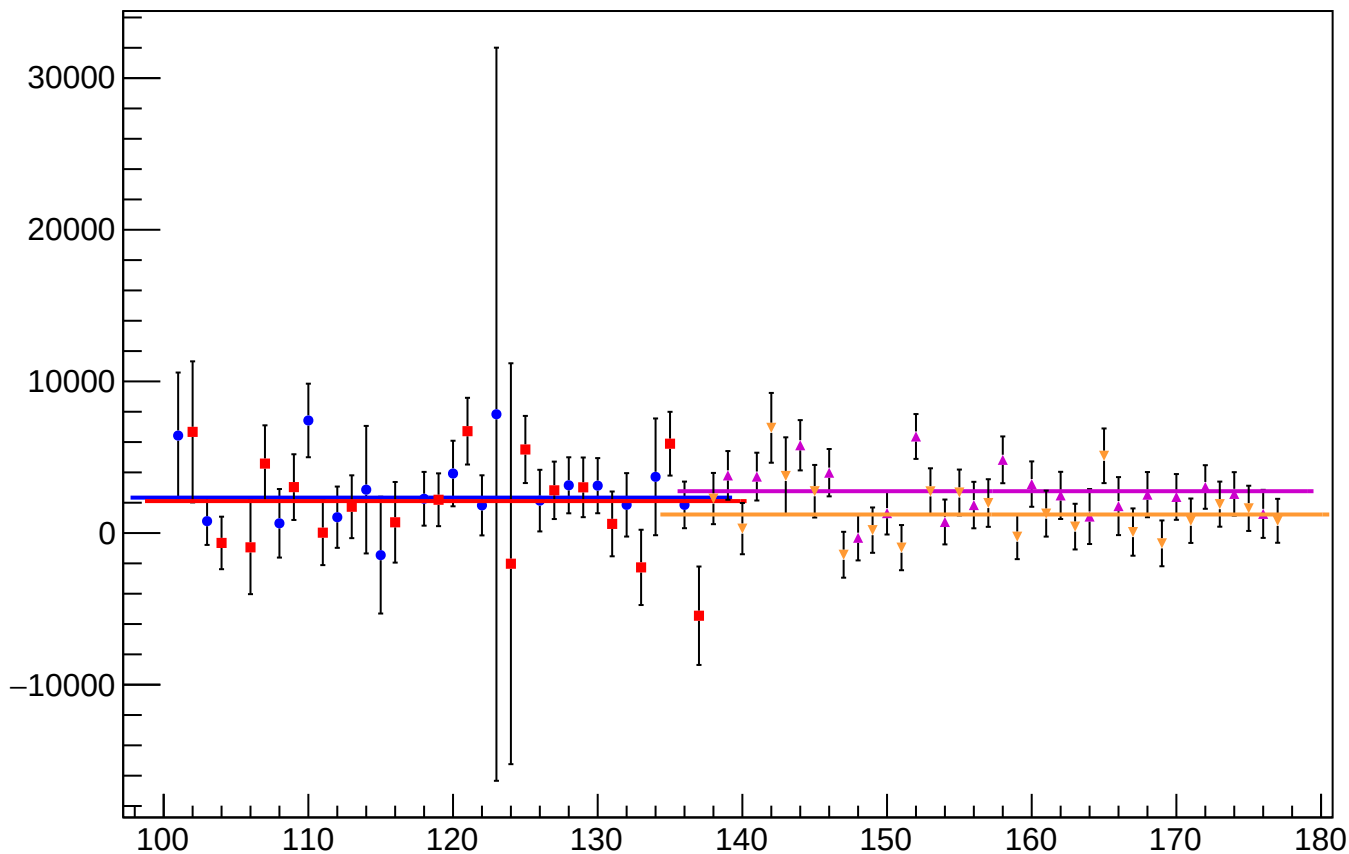
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4558.415+/-0.689 χ^2/NDF : 1592978.2/38

All: 4601.898+/-0.498 χ^2/NDF : 3180191.8/74

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: 1223.858 $\pm$ 346.694 χ^2 /NDF:25.0/20

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

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

Left: 1975.433 $\pm$ 247.759 χ^2 /NDF: 56.8/39

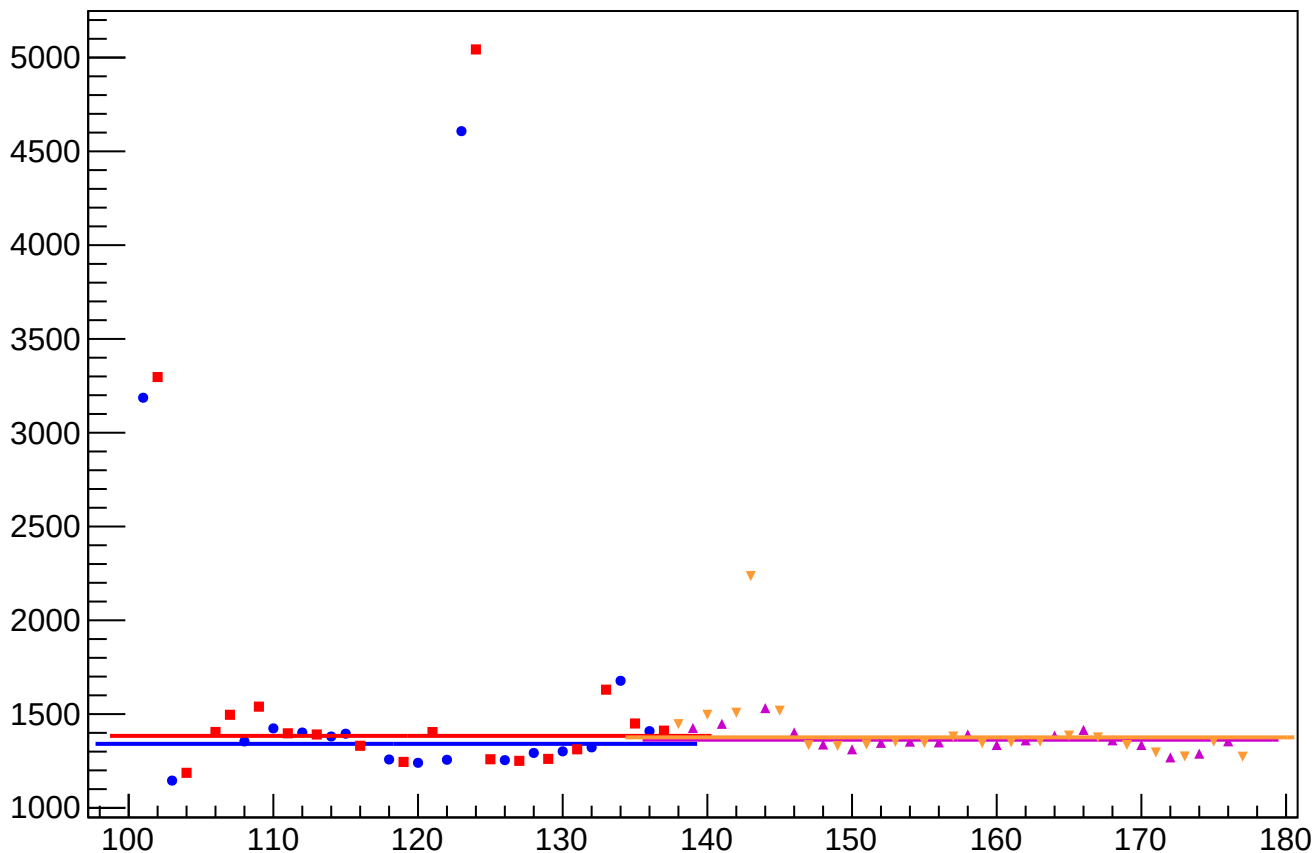
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

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

Out: 1481.931 $\pm$ 291.681 χ^2 /NDF:53.2/38

All: 2049.943 $\pm$ 207.302 χ^2 /NDF: 93.2/74

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1375.956 $\pm$ 0.245 χ^2 /NDF: 296557.4/20

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1363.503 $\pm$ 0.250 χ^2 /NDF: 52413.5/18

Left: 1369.863 $\pm$ 0.175 χ^2 /NDF: 350233.6/39

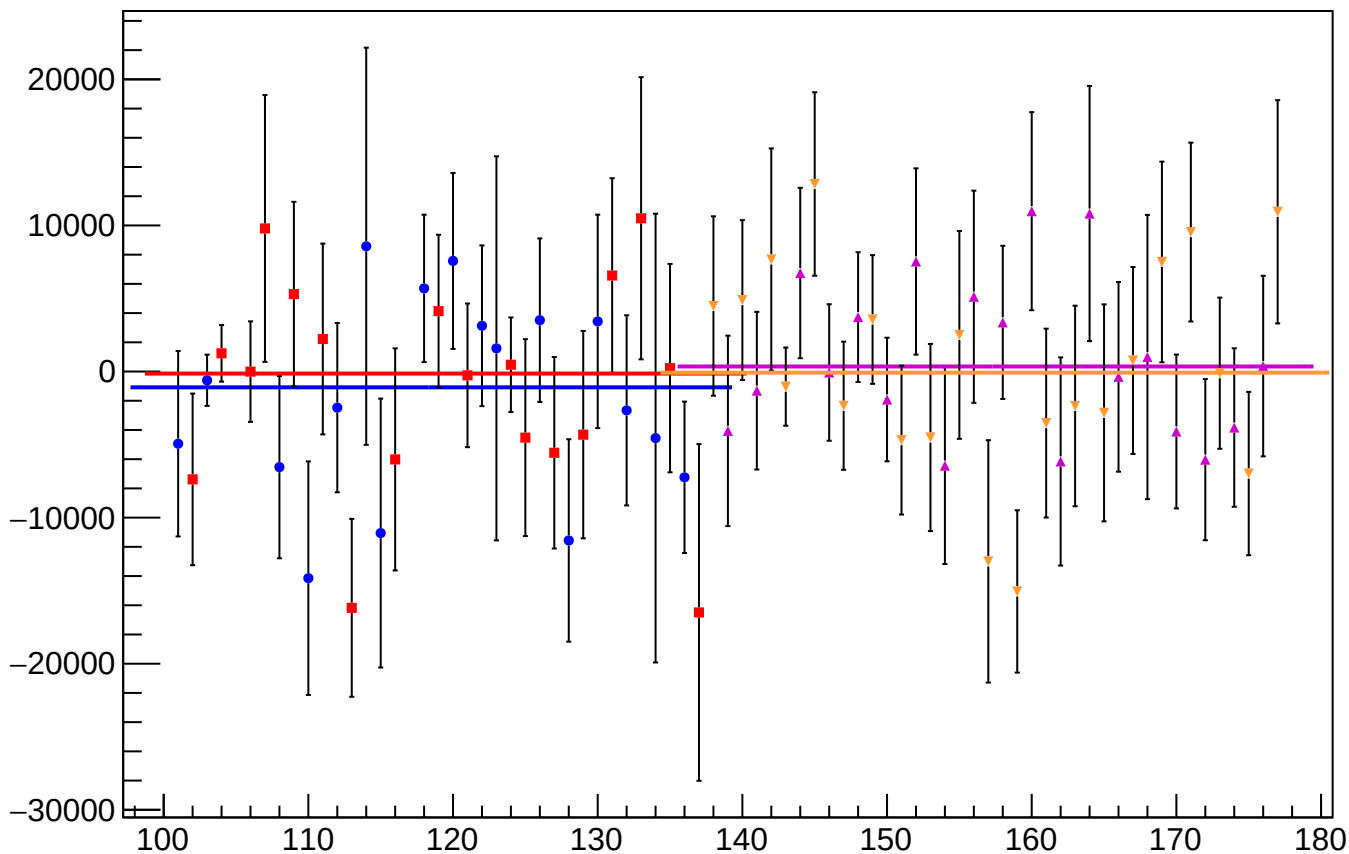
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1356.691 $\pm$ 0.208 χ^2 /NDF: 559088.6/35

Out: 1378.284 $\pm$ 0.206 χ^2 /NDF: 890711.9/38

All: 1367.599 $\pm$ 0.147 χ^2 /NDF: 1455225.3/74

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -77.334+/-1197.260 χ^2/NDF : 26.7/20

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

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

Left: 111.083+/-891.859 χ^2/NDF : 39.8/39

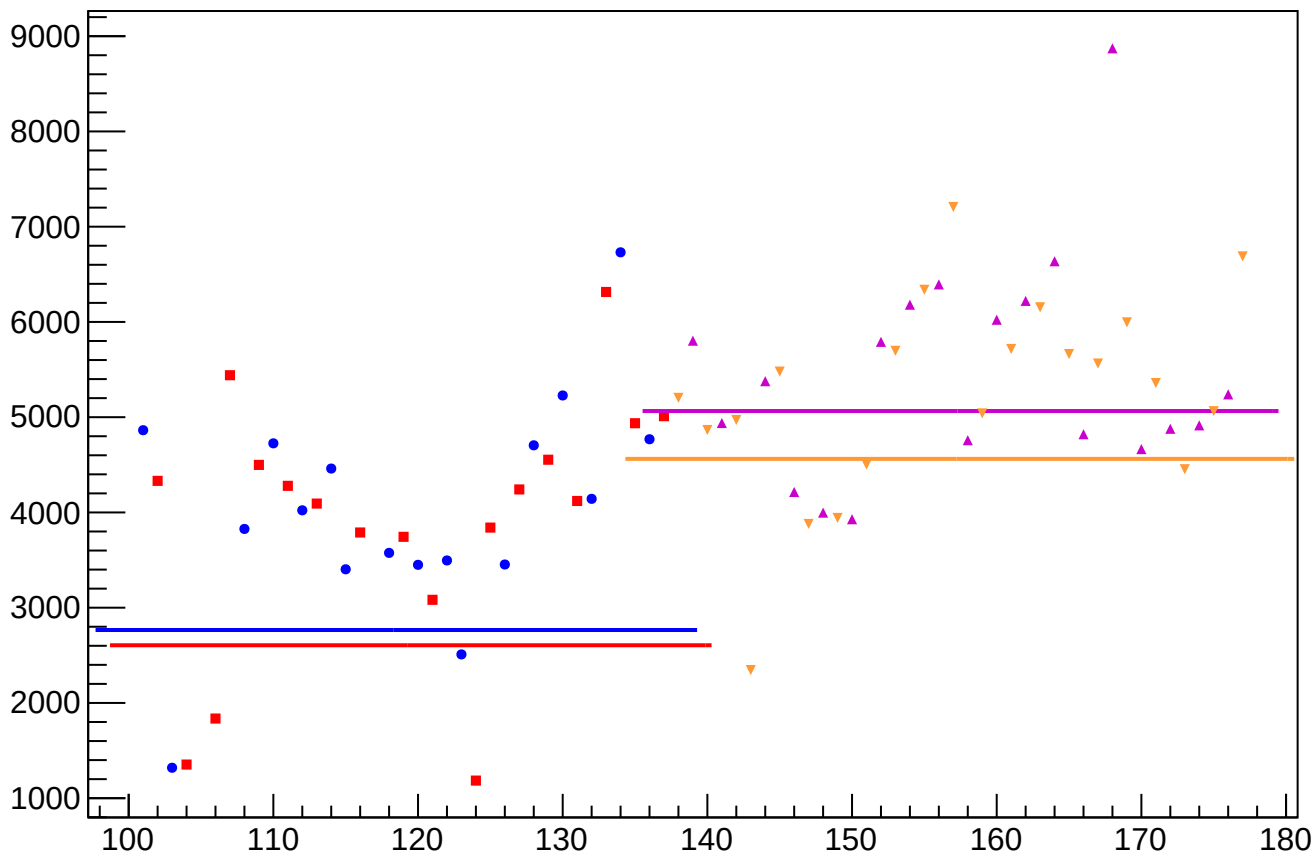
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: -109.880+/-821.518 χ^2/NDF : 44.7/38

All: -258.915+/-606.157 χ^2/NDF : 73.5/74

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: 4562.468 $\pm$ 0.847 χ^2 /NDF: 2501290.6/20

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

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

Left: 4786.023 $\pm$ 0.631 χ^2 /NDF: 3654539.3/39

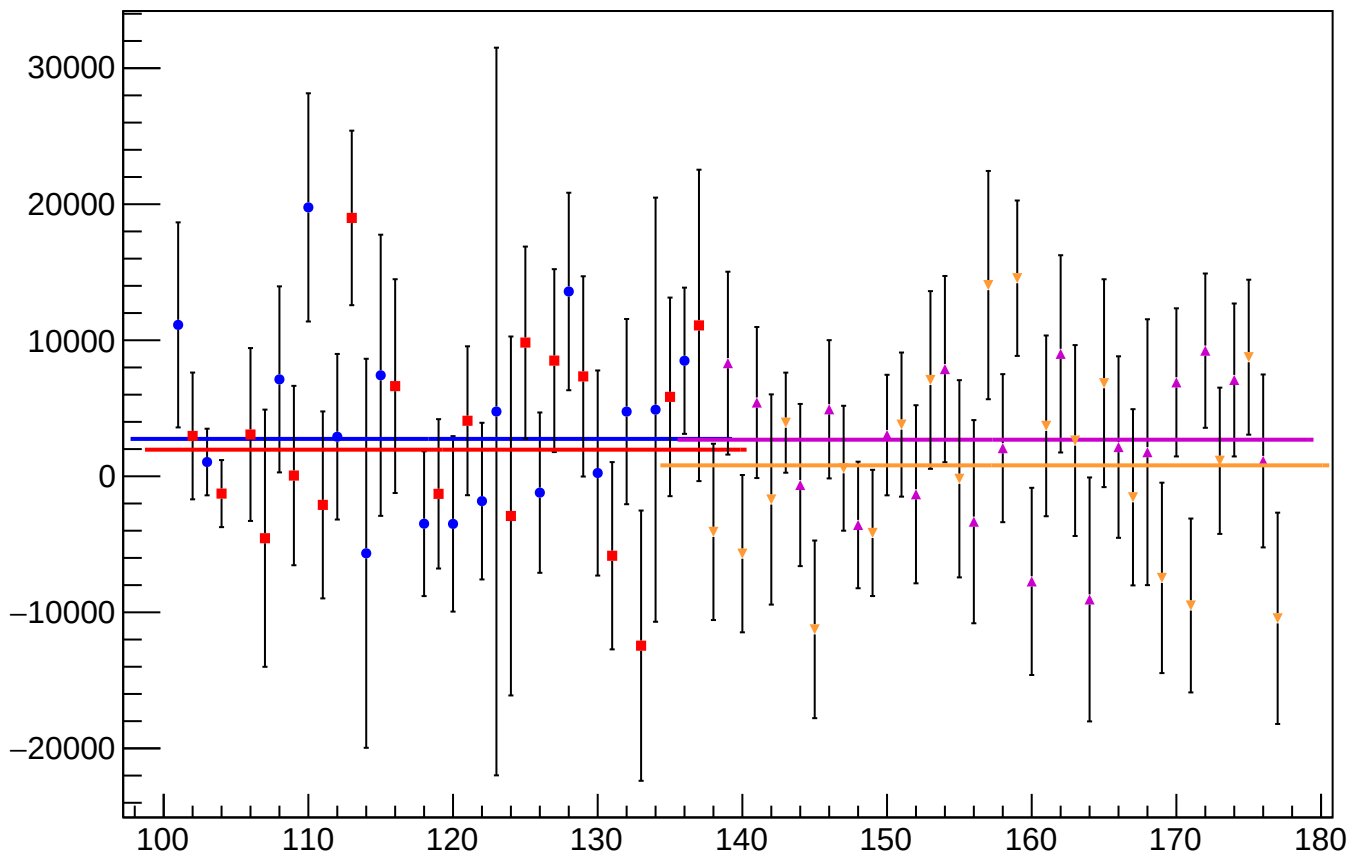
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

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

Out: 3526.899 $\pm$ 0.581 χ^2 /NDF: 8651170.8/38

All: 3652.816 $\pm$ 0.429 χ^2 /NDF: 15935596.8/77

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 804.324+/-1295.873 χ^2/NDF : 25.8/20

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

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

Left: 1684.709+/-946.104 χ^2/NDF : 39.1/39

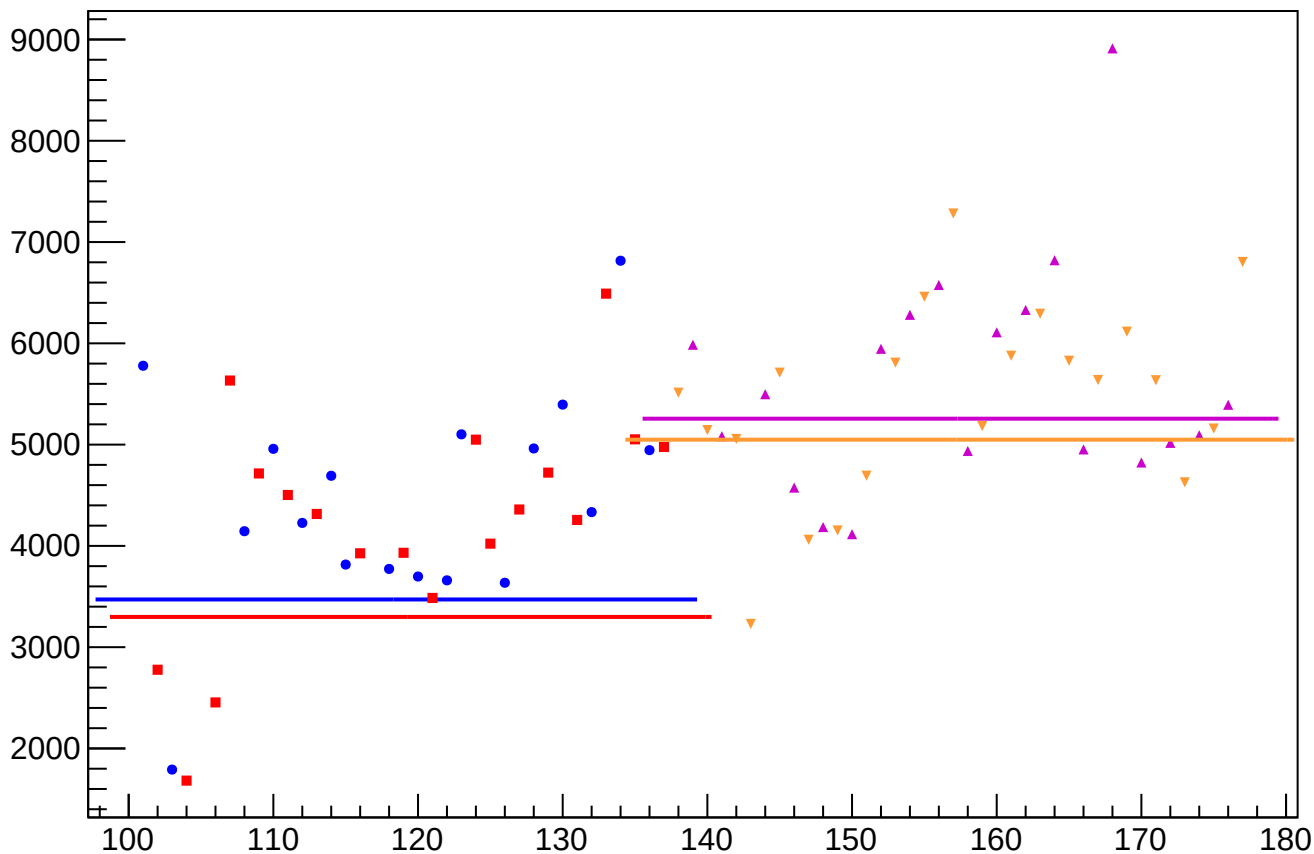
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1342.170+/-946.038 χ^2/NDF : 44.0/38

All: 1991.647+/-687.313 χ^2/NDF : 71.0/74

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: 5048.709+/-0.916 χ^2/NDF : 1252086.9/20

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

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

Left: 5145.490+/-0.669 χ^2/NDF : 2153812.7/39

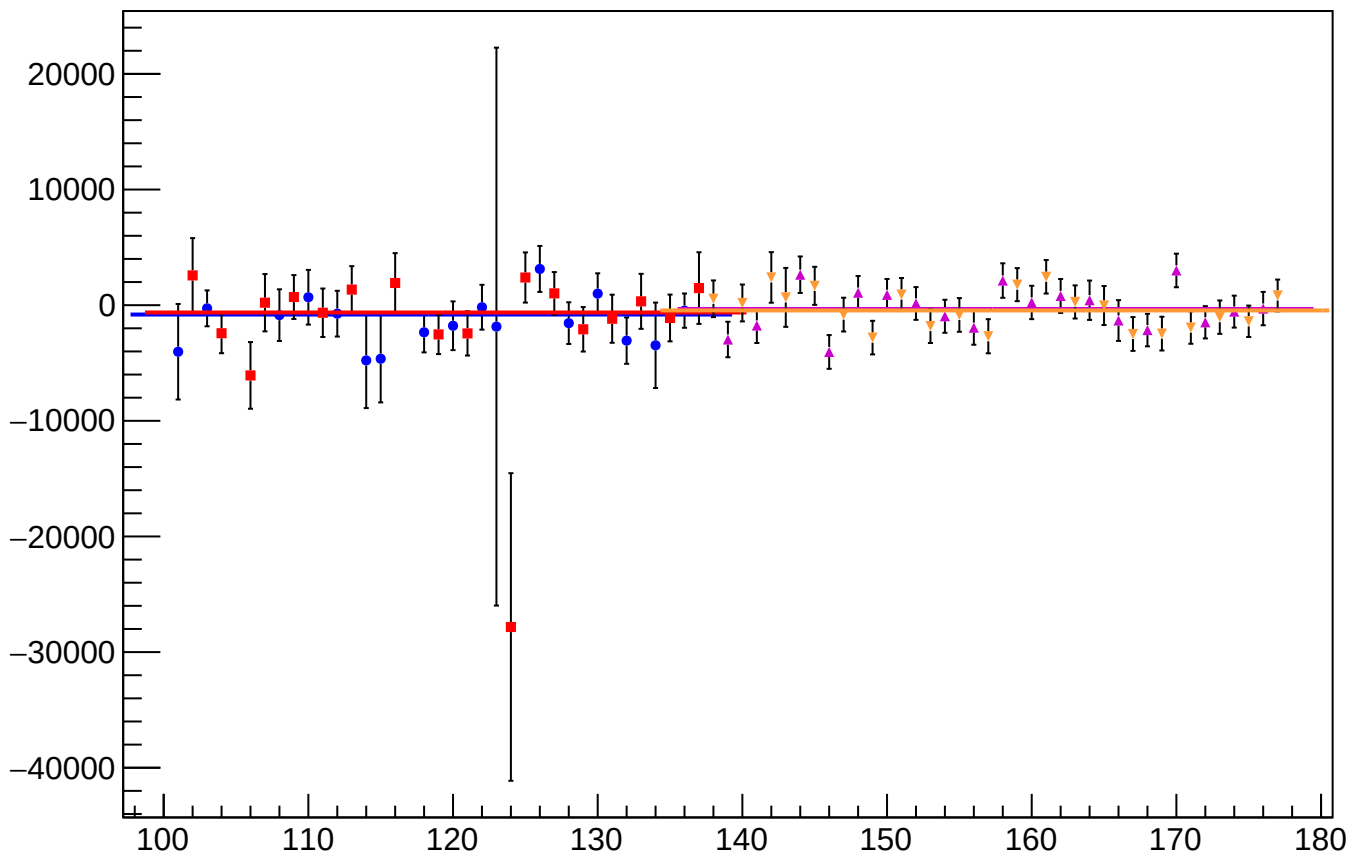
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 4223.327+/-0.666 χ^2/NDF : 4858434.9/38

All: 4307.631+/-0.485 χ^2/NDF : 9127237.7/74

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -454.325+/-330.518 χ^2/NDF : 24.2/20

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

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

Left: -391.991+/-236.284 χ^2/NDF : 53.0/39

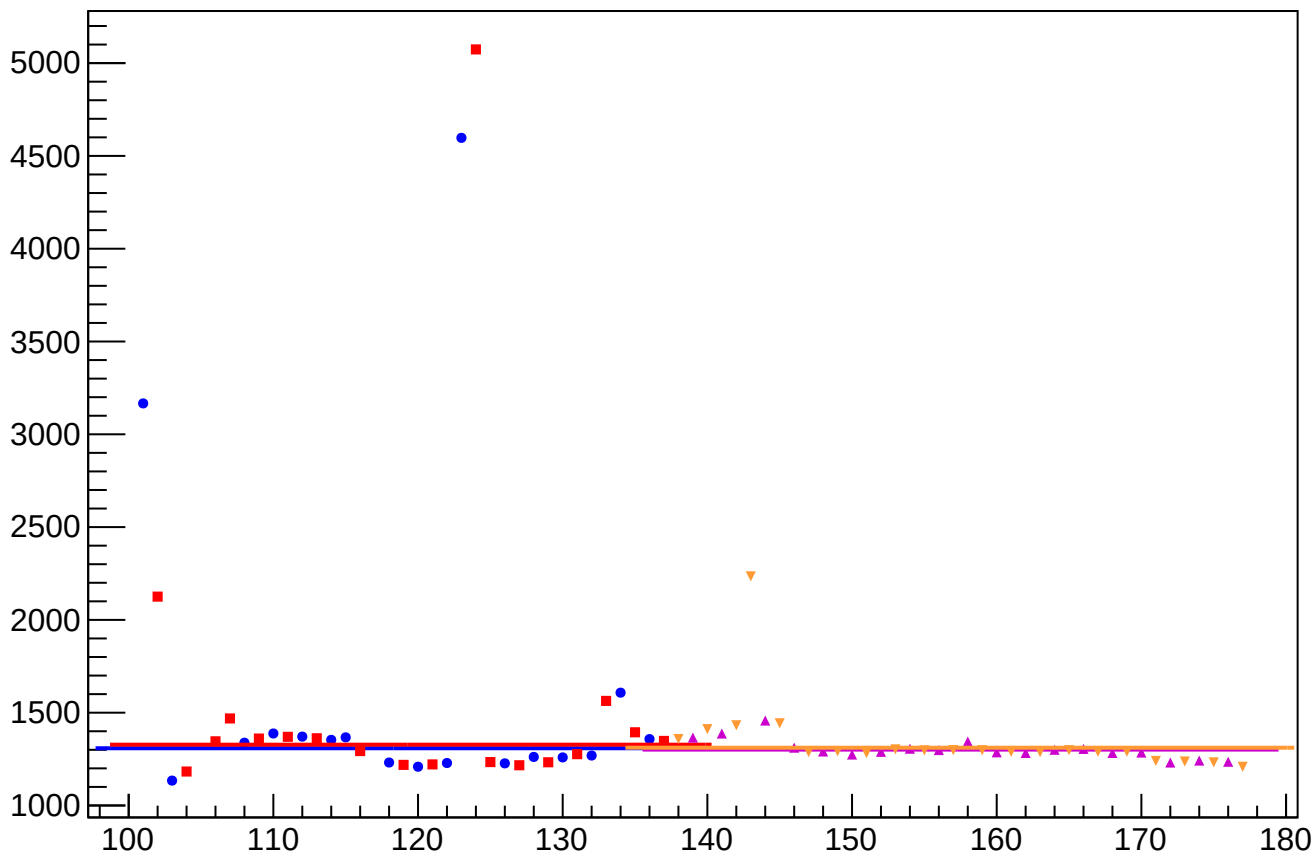
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

Out: -505.773+/-278.149 χ^2/NDF : 42.9/38

All: -488.545+/-198.392 χ^2/NDF : 83.4/74

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: 1311.323 $\pm$ 0.234 χ^2 /NDF: 323874.4/20

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

Left In: 1301.110 $\pm$ 0.239 χ^2 /NDF: 46496.4/18

Left: 1306.330 $\pm$ 0.167 χ^2 /NDF: 371304.4/39

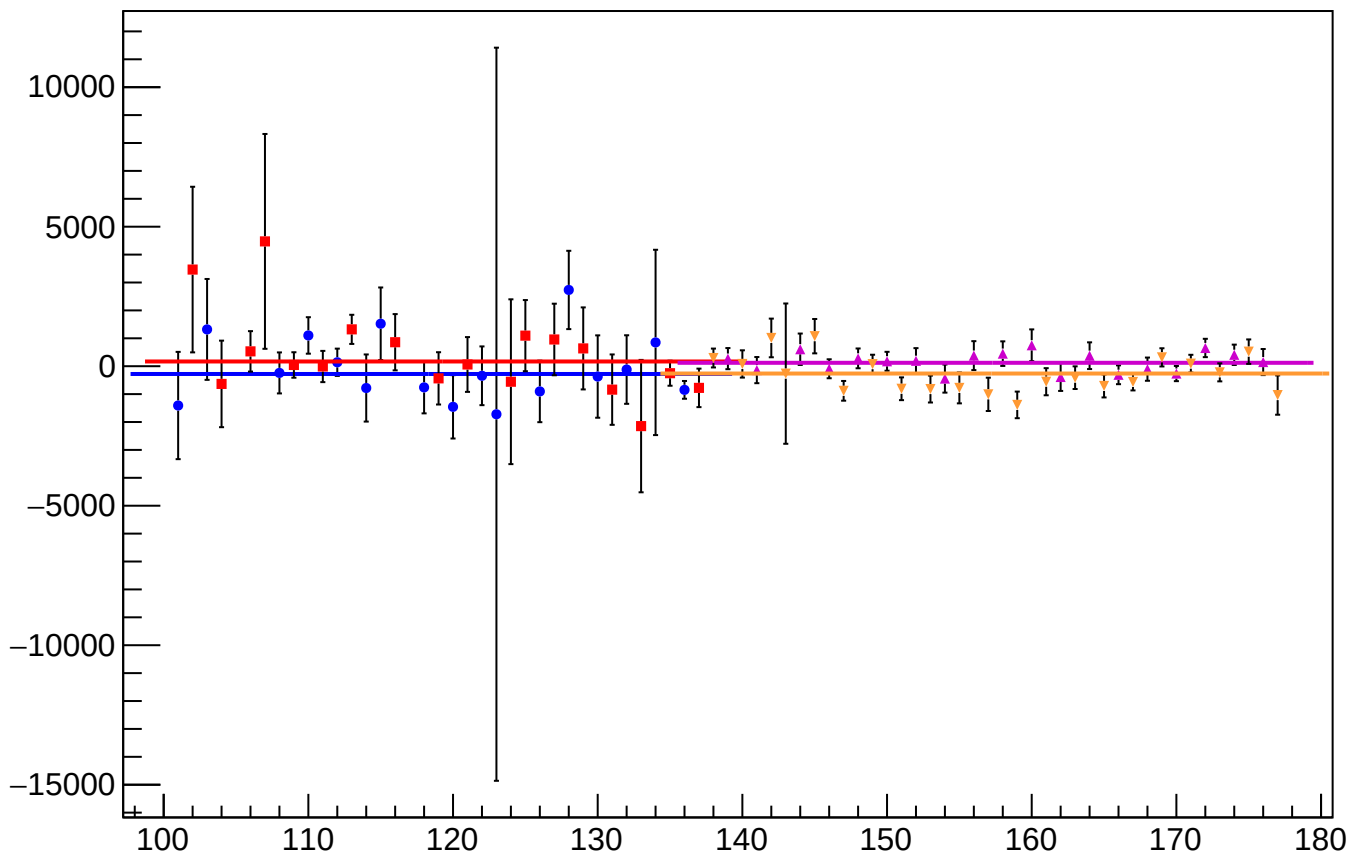
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1303.275 $\pm$ 0.200 χ^2 /NDF: 553316.6/35

Out: 1316.086 $\pm$ 0.197 χ^2 /NDF: 682628.4/38

All: 1309.793 $\pm$ 0.140 χ^2 /NDF: 1238029.2/74

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -262.564 ± 91.866 $\chi^2/\text{NDF}: 37.9/20$

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

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

Left: -70.183 ± 64.942 $\chi^2/\text{NDF}: 60.3/39$

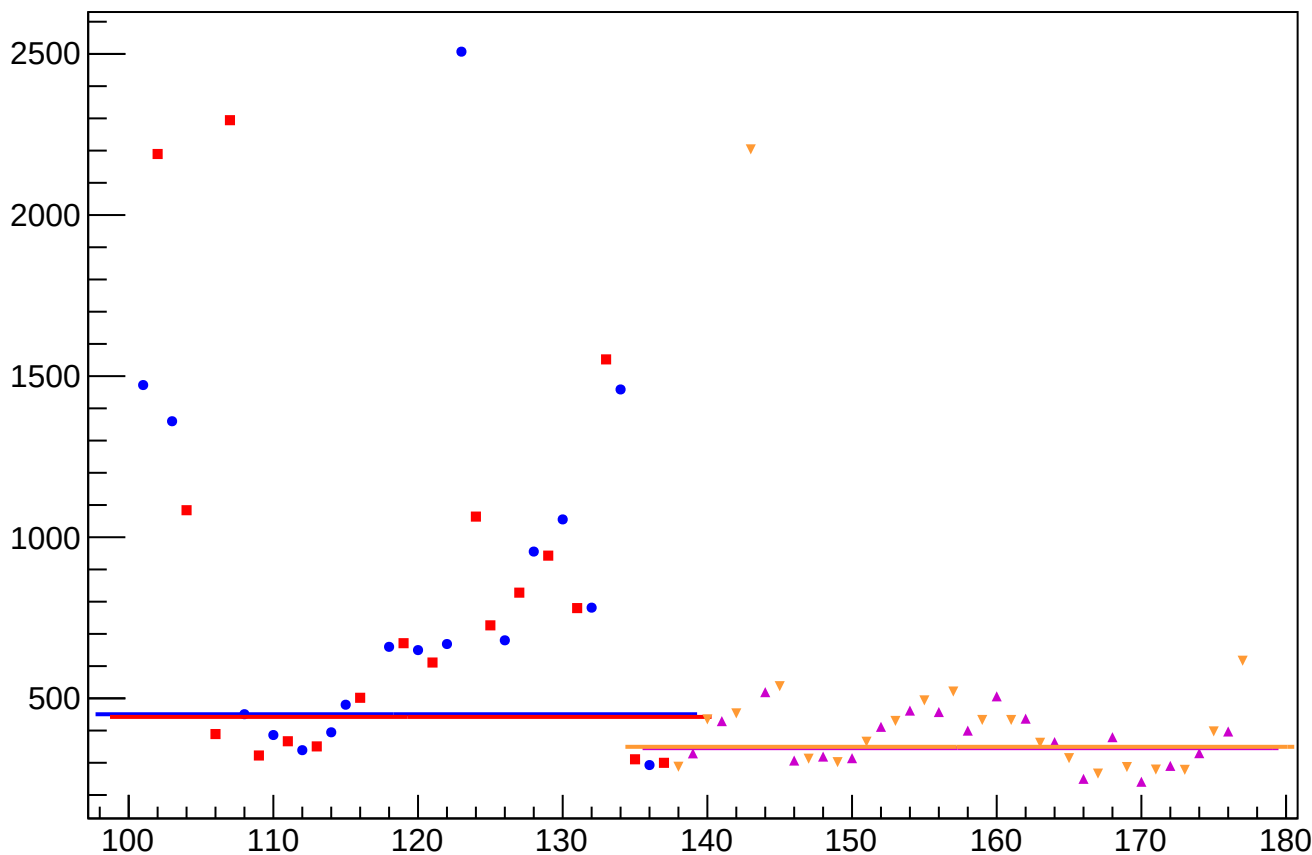
Right: -48.085 ± 138.058 $\chi^2/\text{NDF}: 35.0/34$

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

Out: -182.388 ± 82.908 $\chi^2/\text{NDF}: 56.4/38$

All: -66.179 ± 58.765 $\chi^2/\text{NDF}: 95.4/74$

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 349.535+/-0.065 χ^2/NDF : 2735485.3/20

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

Left In: 345.350+/-0.065 χ^2/NDF : 1366236.0/18

Left: 347.441+/-0.046 χ^2/NDF : 4103797.3/39

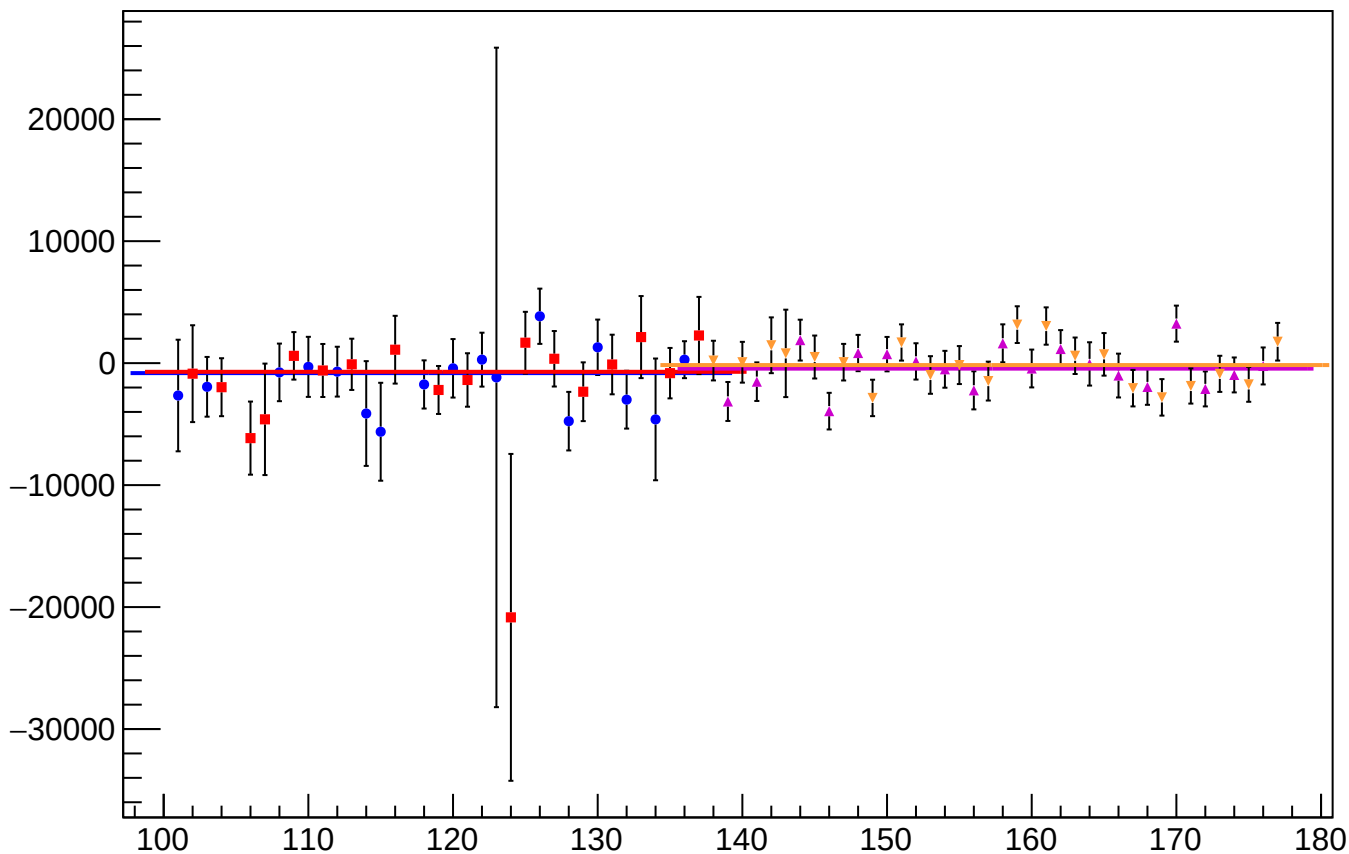
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 363.958+/-0.059 χ^2/NDF : 4828560.3/35

Out: 366.757+/-0.059 χ^2/NDF : 6482701.4/38

All: 365.364+/-0.042 χ^2/NDF : 11312395.7/74

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: -158.545 ± 347.417 χ^2/NDF : 25.5/20

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

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

Left: -302.448 ± 247.424 χ^2/NDF : 51.1/39

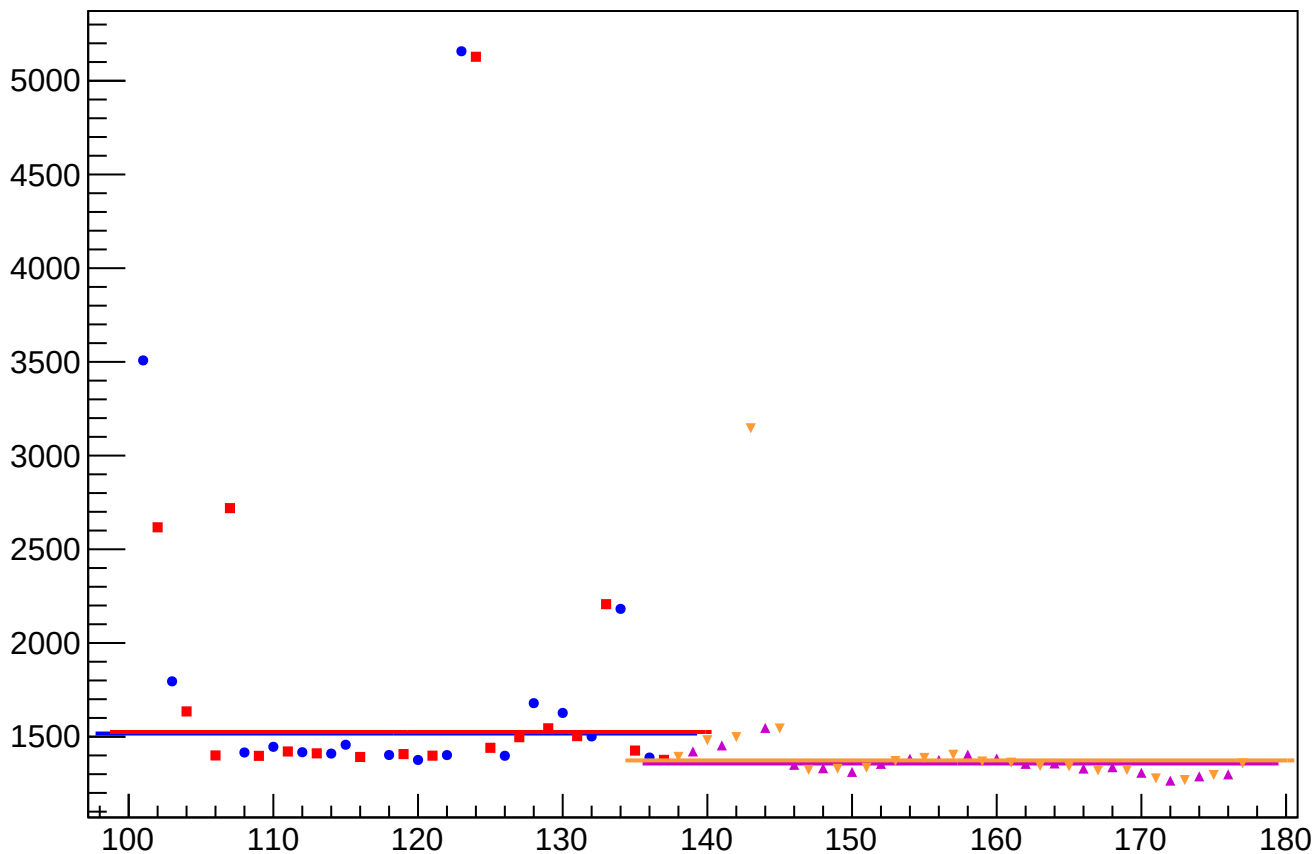
Right: -763.412 ± 423.268 χ^2/NDF : 24.1/34

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

Out: -298.535 ± 300.154 χ^2/NDF : 37.5/38

All: -419.846 ± 213.606 χ^2/NDF : 76.2/74

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1373.432 ± 0.246 χ^2/NDF : 560318.3/20

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

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

Left: 1365.303 ± 0.175 χ^2/NDF : 623569.0/39

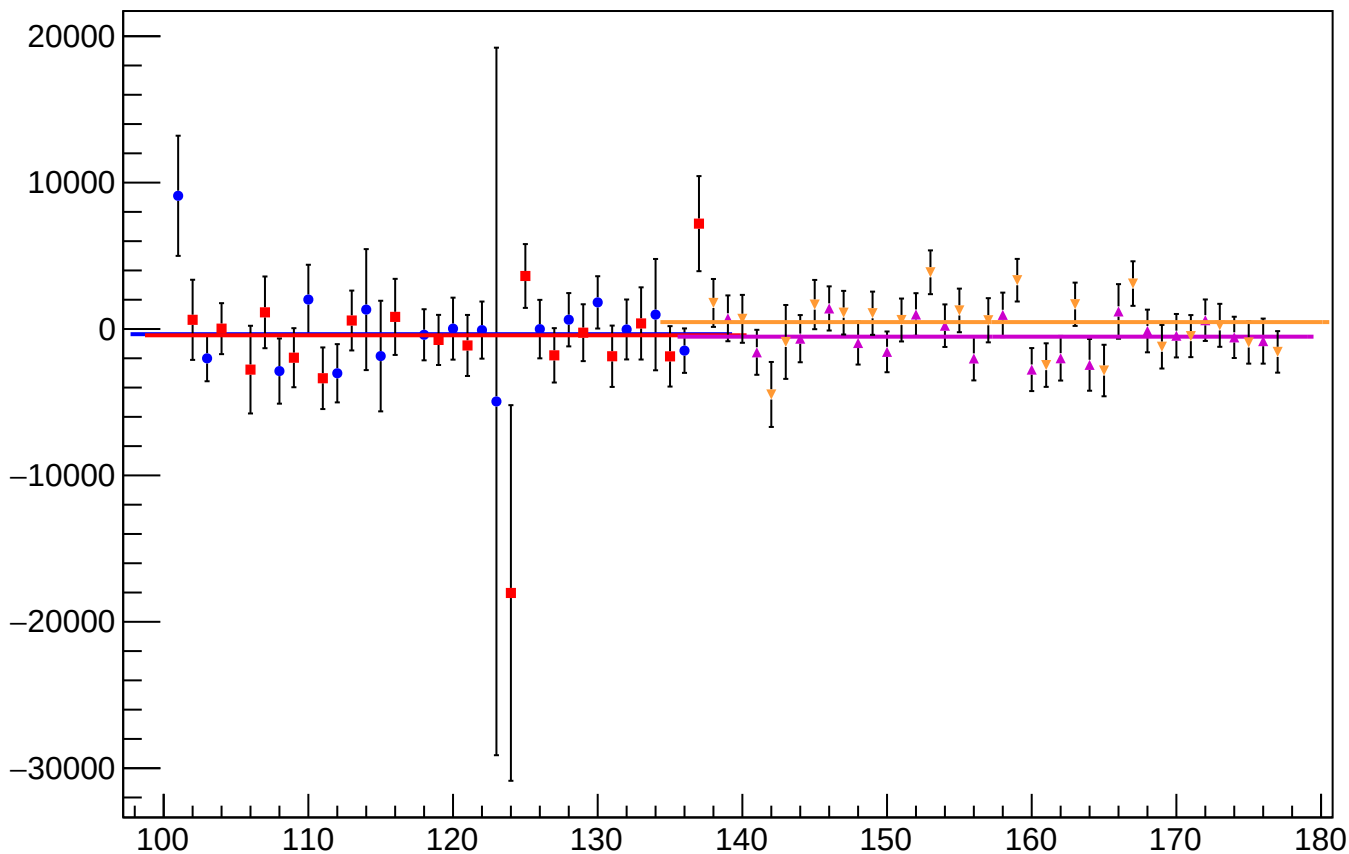
Right: 1521.052 ± 0.299 χ^2/NDF : 1113154.8/34

In: 1397.866 ± 0.215 χ^2/NDF : 707503.1/35

Out: 1411.891 ± 0.212 χ^2/NDF : 1228901.2/38

All: 1404.969 ± 0.151 χ^2/NDF : 1938559.4/74

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: 472.235 ± 339.365 χ^2/NDF : 31.9/20

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

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

Left: -14.515 ± 242.611 χ^2/NDF : 48.9/39

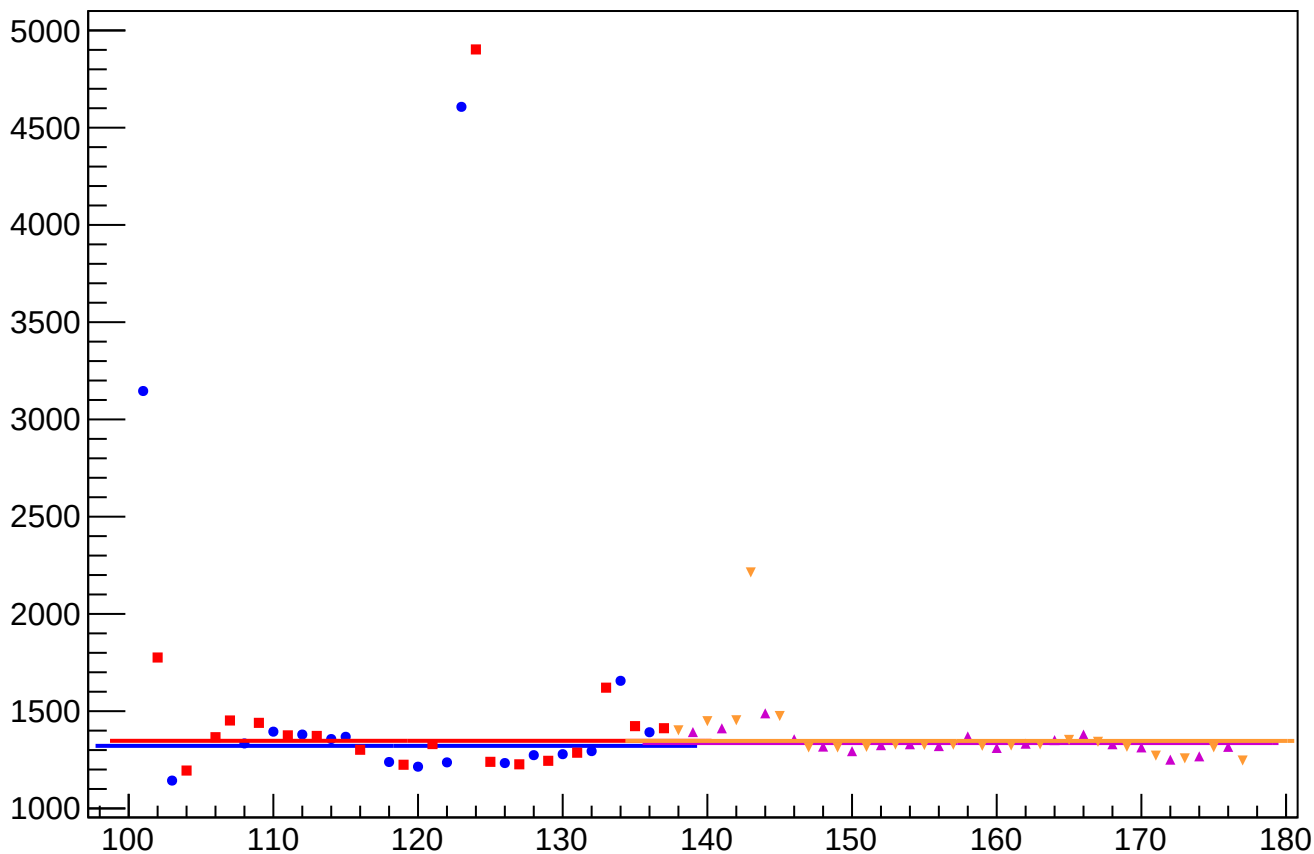
Right: -391.220 ± 369.698 χ^2/NDF : 30.3/34

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

Out: 204.682 ± 284.577 χ^2/NDF : 50.9/38

All: -127.909 ± 202.835 χ^2/NDF : 79.9/74

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1347.111 $\pm$ 0.240 χ^2 /NDF: 292181.3/20

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

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

Left: 1341.693 $\pm$ 0.172 χ^2 /NDF: 337063.9/39

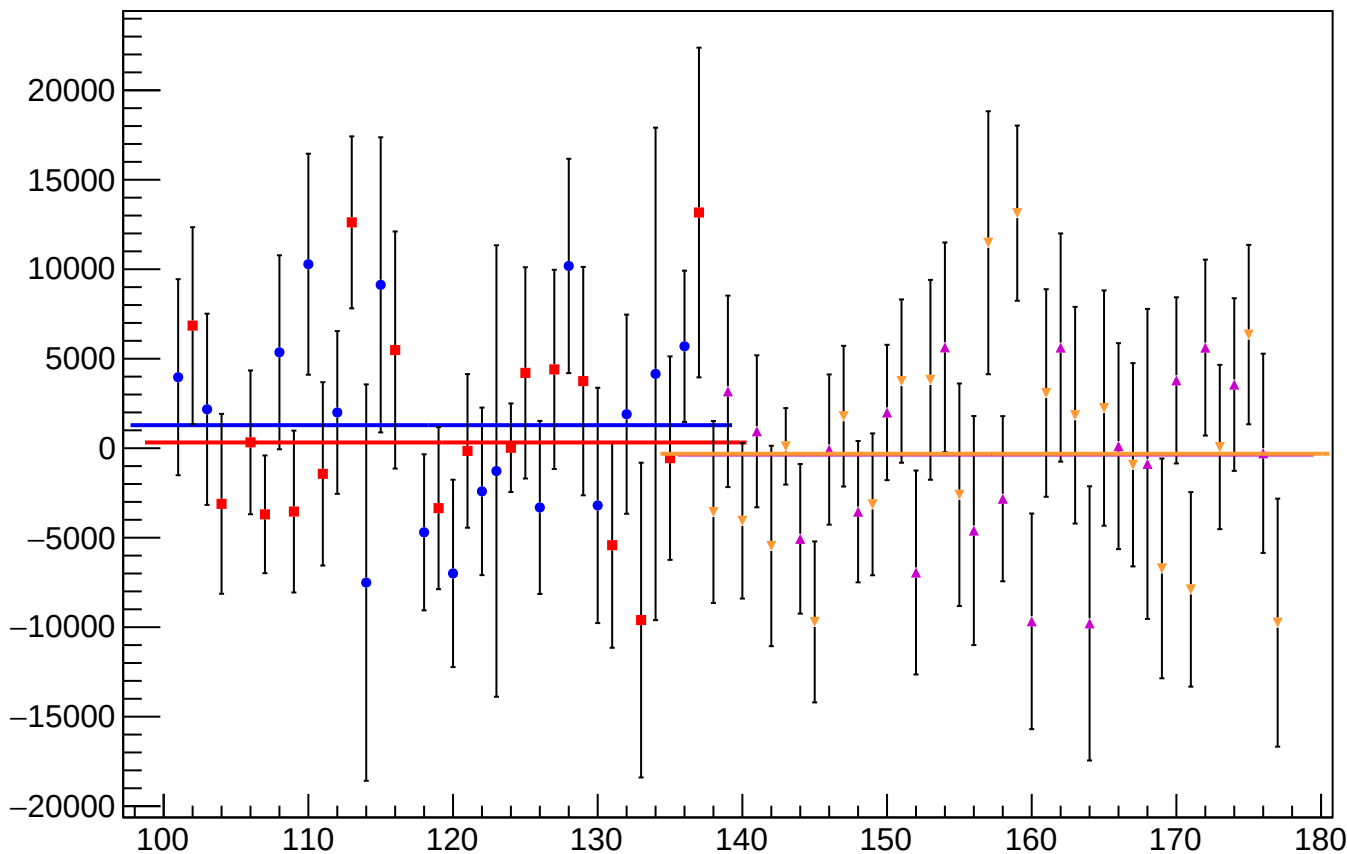
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

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

Out: 1347.270 $\pm$ 0.201 χ^2 /NDF: 578484.0/38

All: 1339.589 $\pm$ 0.143 χ^2 /NDF: 1128573.9/74

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: -309.648+/-1017.348 χ^2/NDF : 26.1/20

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

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

Left: -328.718+/-764.307 χ^2/NDF : 39.8/39

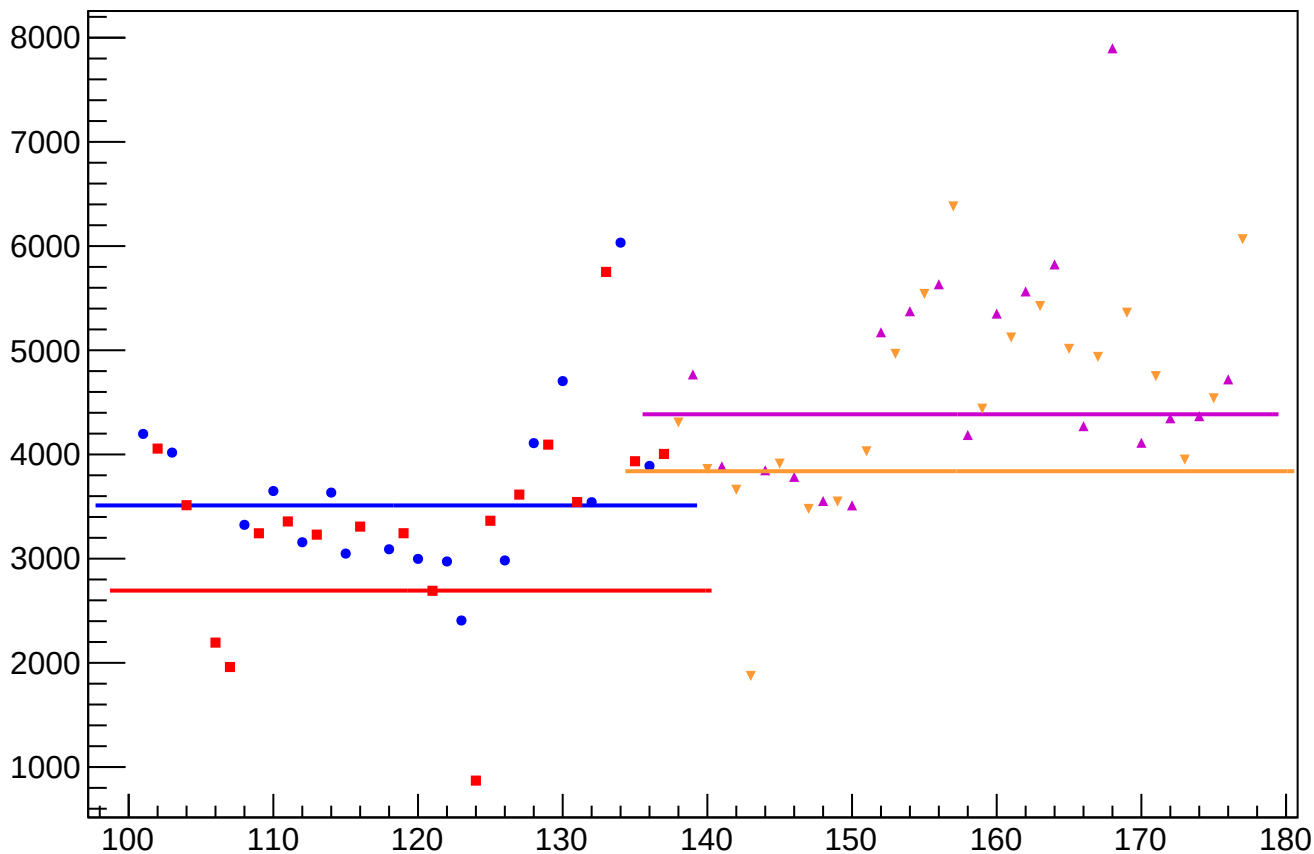
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: -20.257+/-748.625 χ^2/NDF : 43.8/38

All: 124.406+/-571.826 χ^2/NDF : 72.7/74

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: 3839.191 $\pm$ 0.719 χ^2 /NDF:3040322.6/20

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

Left In: 4385.499 $\pm$ 0.819 χ^2 /NDF:1017116.5/18

Left: 4077.156 $\pm$ 0.540 χ^2 /NDF: 4308651.1/39

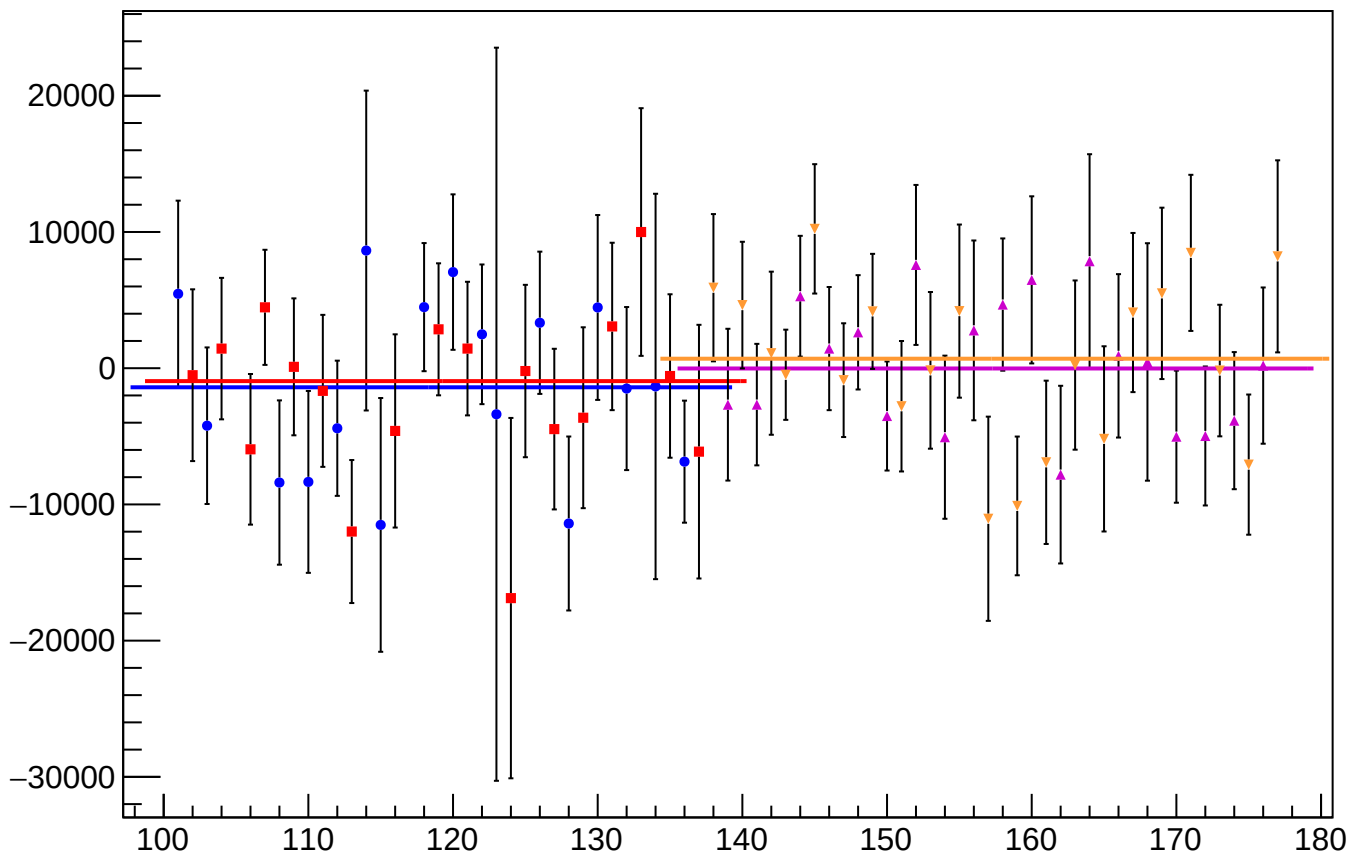
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4022.780 $\pm$ 0.626 χ^2 /NDF:1834321.2/35

Out: 3313.882 $\pm$ 0.529 χ^2 /NDF:6329147.8/38

All: 3609.177 $\pm$ 0.404 χ^2 /NDF: 8910506.5/74

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 697.192 ± 1136.999 $\chi^2/\text{NDF}: 23.0/20$

Right Out: -947.960 ± 1382.709 $\chi^2/\text{NDF}: 12.5/17$

Left In: -20.447 ± 1211.024 $\chi^2/\text{NDF}: 12.9/18$

Left: 360.975 ± 828.915 $\chi^2/\text{NDF}: 36.2/39$

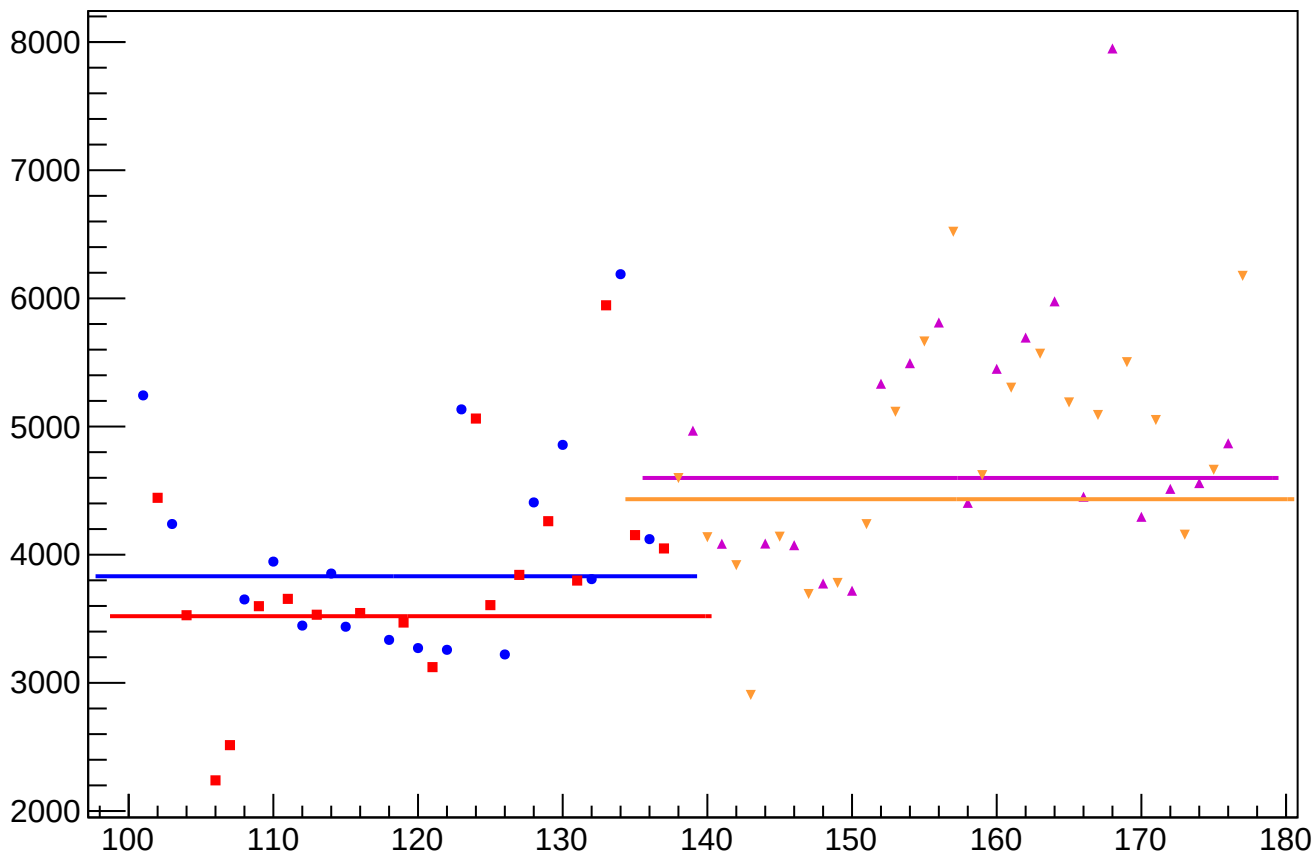
Right: -1155.658 ± 1017.952 $\chi^2/\text{NDF}: 28.3/34$

In: -563.572 ± 943.289 $\chi^2/\text{NDF}: 29.3/35$

Out: 33.533 ± 878.214 $\chi^2/\text{NDF}: 36.3/38$

All: -243.715 ± 642.767 $\chi^2/\text{NDF}: 65.8/74$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4433.104+/-0.804 χ^2/NDF : 1205539.4/20

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

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

Left: 4510.719+/-0.586 χ^2/NDF : 2101080.1/39

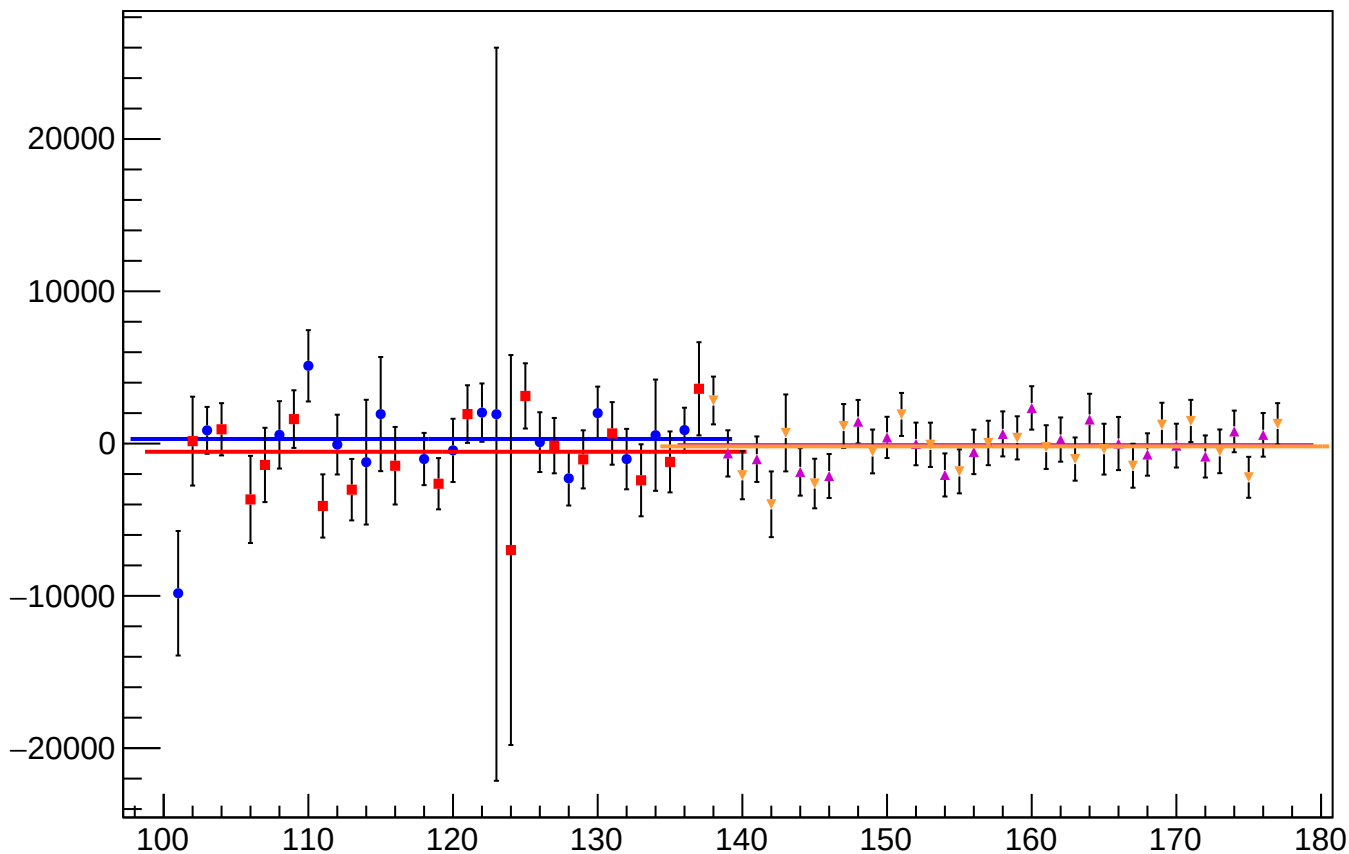
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 4060.789+/-0.619 χ^2/NDF : 2275518.8/38

All: 4170.090+/-0.454 χ^2/NDF : 3871849.5/74

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: -184.296 ± 327.243 $\chi^2/\text{NDF}: 22.3/20$

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

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

Left: -145.901 ± 233.947 $\chi^2/\text{NDF}: 34.7/39$

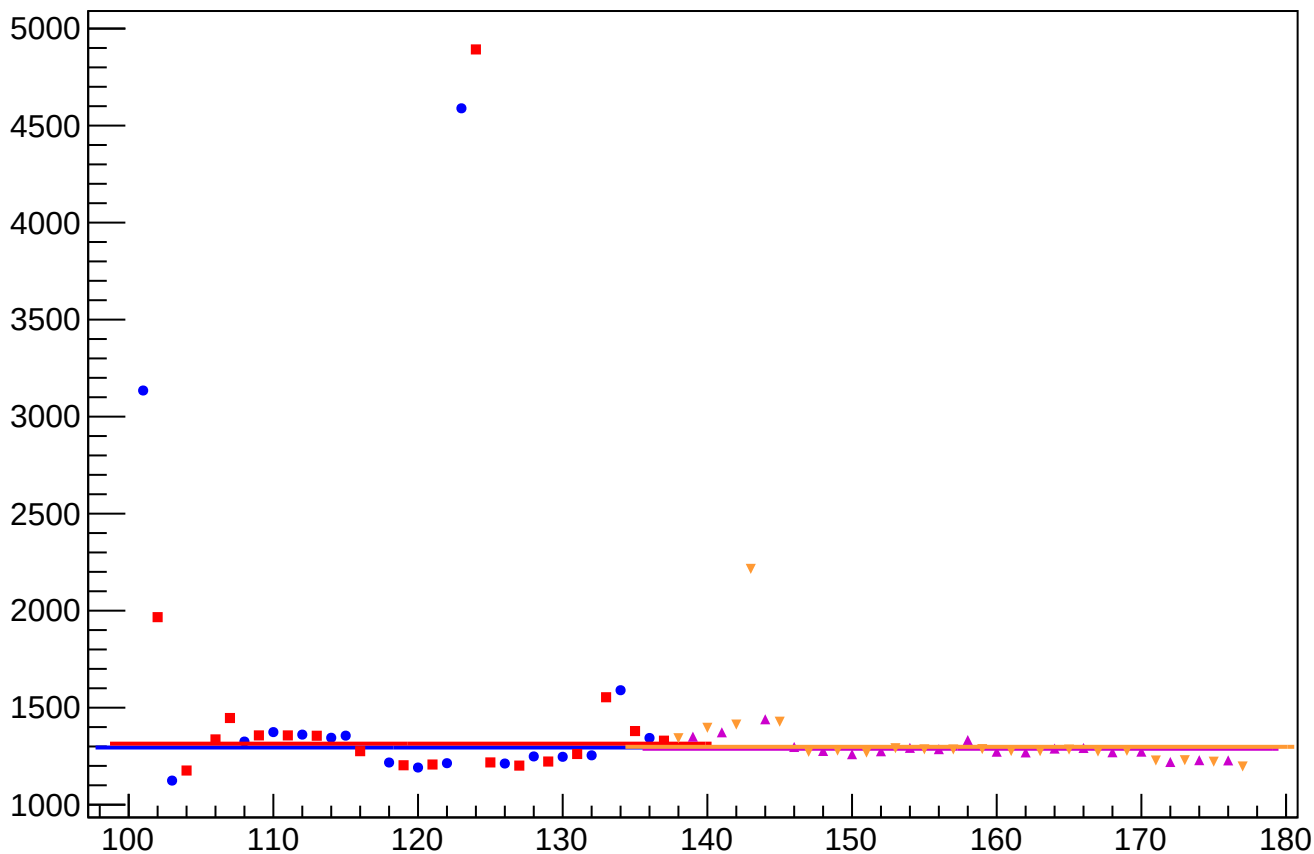
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

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

Out: -287.749 ± 275.213 $\chi^2/\text{NDF}: 40.1/38$

All: -138.627 ± 196.350 $\chi^2/\text{NDF}: 69.6/74$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1298.284 $\pm$ 0.231 χ^2 /NDF: 323101.4/20

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

Left In: 1288.250 $\pm$ 0.237 χ^2 /NDF: 45077.1/18

Left: 1293.378 $\pm$ 0.165 χ^2 /NDF: 369097.8/39

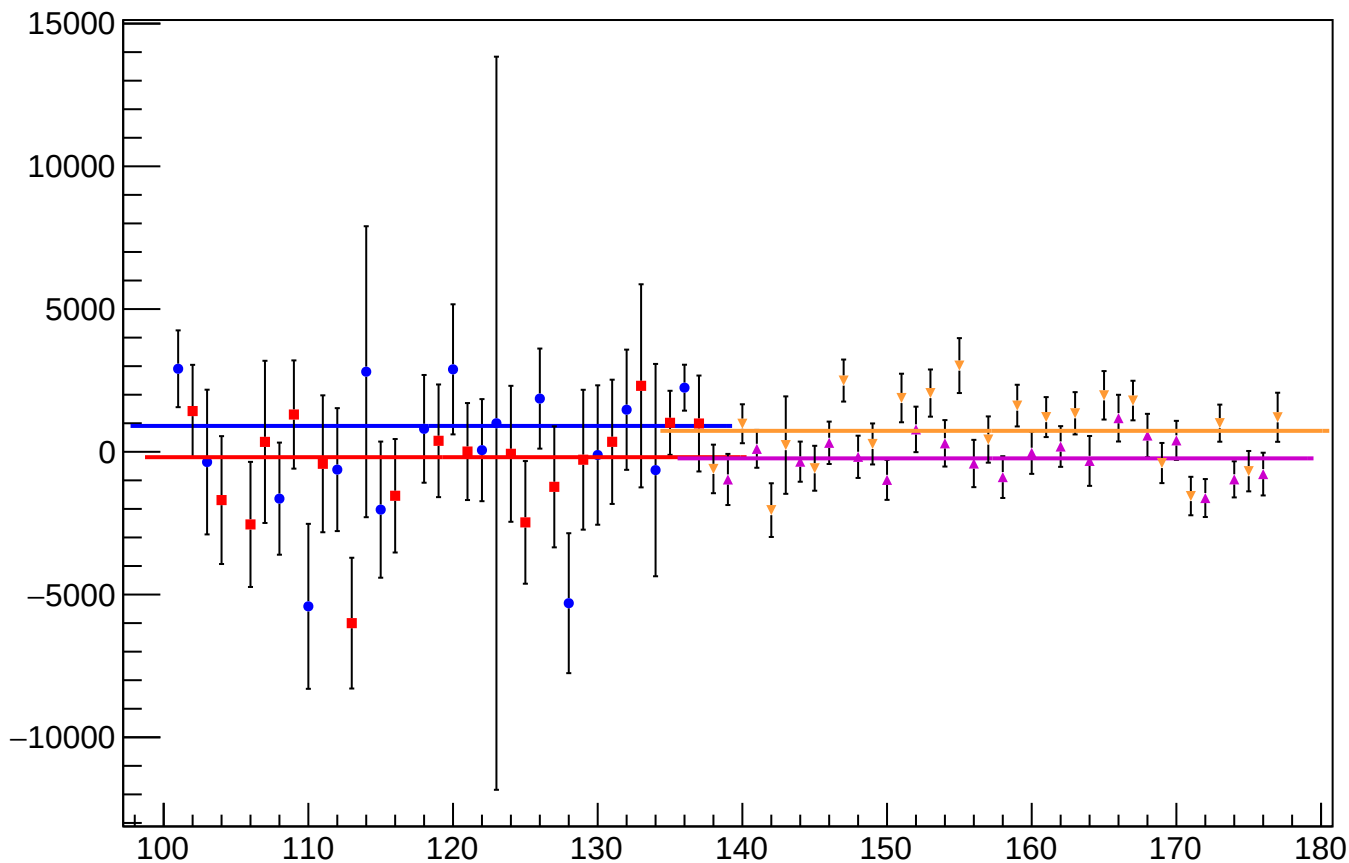
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1290.184 $\pm$ 0.198 χ^2 /NDF: 553105.0/35

Out: 1303.056 $\pm$ 0.195 χ^2 /NDF: 658393.3/38

All: 1296.736 $\pm$ 0.139 χ^2 /NDF: 1213646.4/74

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: 734.513 $\pm$ 169.003 χ^2 /NDF:56.1/20

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

Left In: -229.587 $\pm$ 169.853 χ^2 /NDF:17.2/18

Left: 254.884 $\pm$ 119.802 χ^2 /NDF: 89.5/39

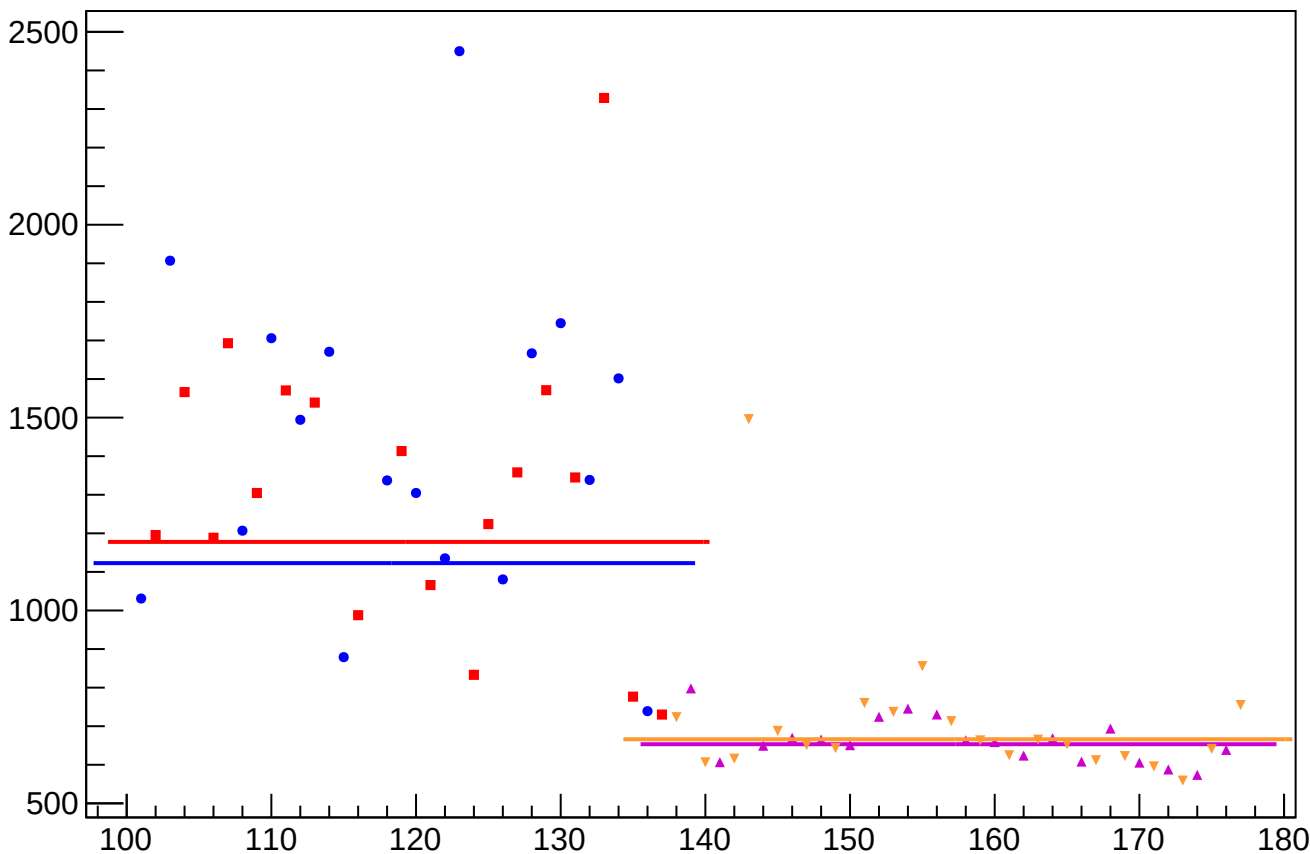
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -91.057 $\pm$ 159.163 χ^2 /NDF:44.6/35

Out: 626.665 $\pm$ 158.819 χ^2 /NDF:73.5/38

All: 268.581 $\pm$ 112.423 χ^2 /NDF: 128.2/74

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: 666.196+/-0.120 χ^2/NDF : 758504.7/20

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

Left In: 653.297+/-0.120 χ^2/NDF : 200389.0/18

Left: 659.779+/-0.085 χ^2/NDF : 964689.5/39

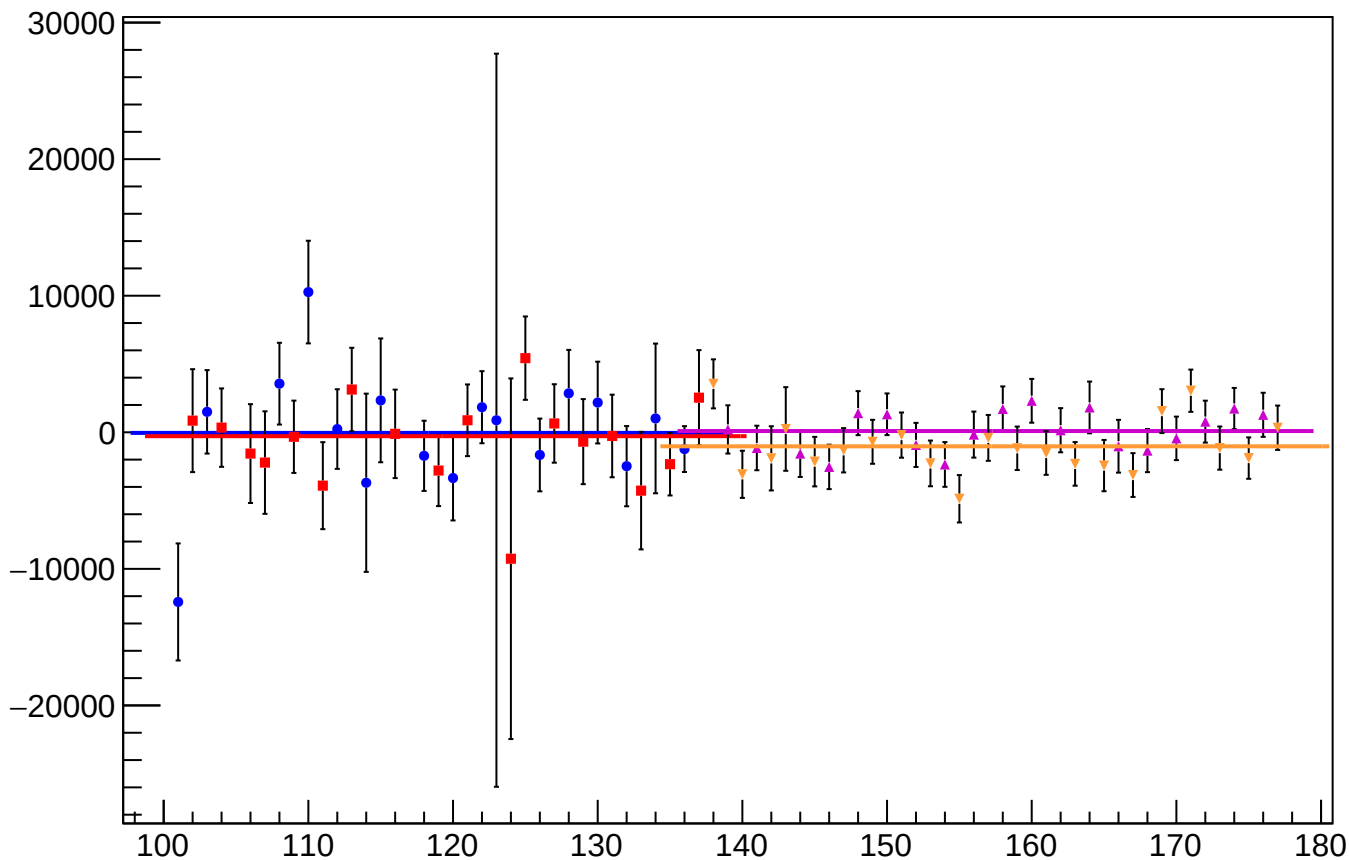
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 710.534+/-0.113 χ^2/NDF : 3251191.2/35

Out: 725.995+/-0.112 χ^2/NDF : 3922461.3/38

All: 718.281+/-0.079 χ^2/NDF : 7183109.5/74

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1027.567 ± 370.440 $\chi^2/\text{NDF}: 28.1/20$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: 91.103 ± 376.211 $\chi^2/\text{NDF}: 15.0/18$

Left: -476.879 ± 263.957 $\chi^2/\text{NDF}: 47.6/39$

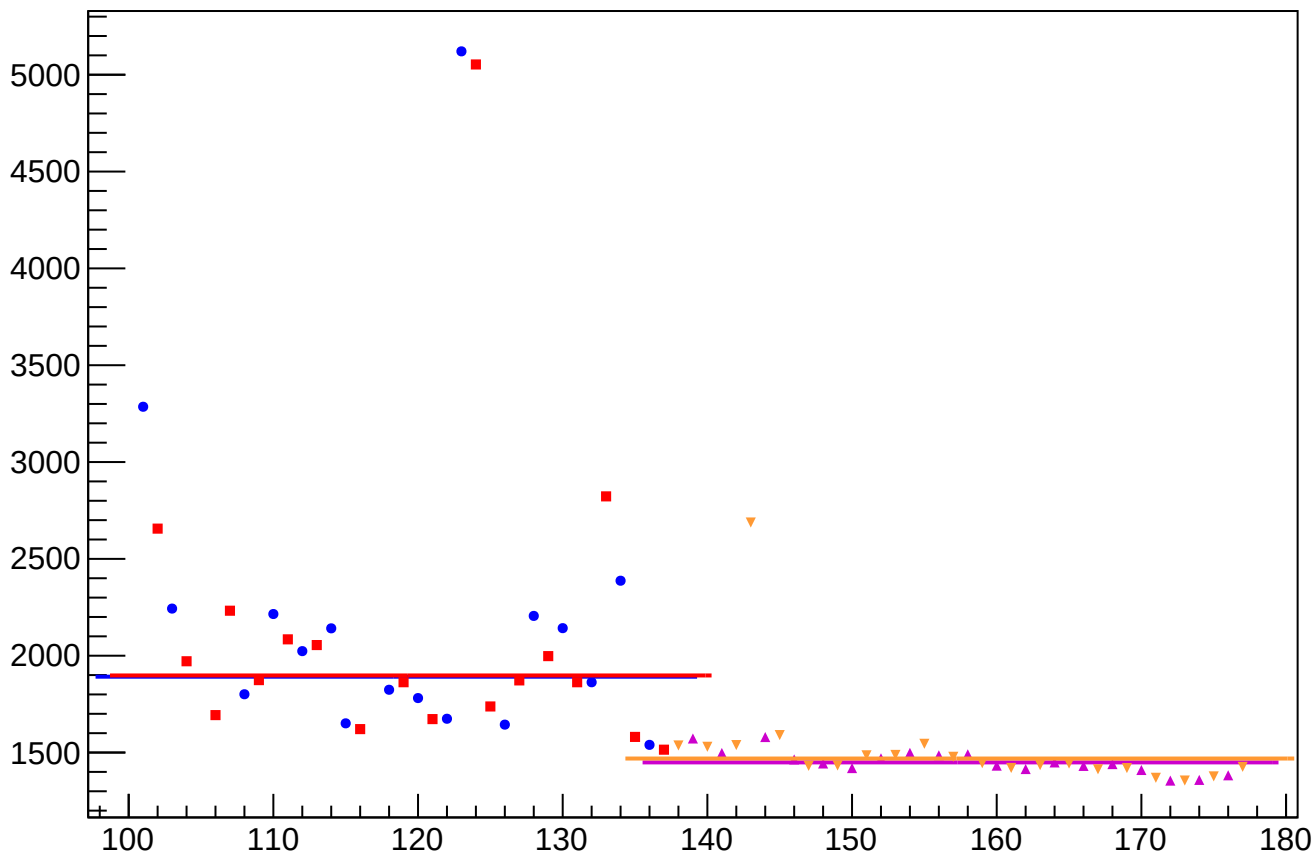
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: 63.729 ± 336.058 $\chi^2/\text{NDF}: 38.2/35$

Out: -877.354 ± 330.836 $\chi^2/\text{NDF}: 39.5/38$

All: -414.181 ± 235.761 $\chi^2/\text{NDF}: 81.7/74$

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: 1469.051 $\pm$ 0.262 χ^2 /NDF: 374461.9/20

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1449.077 $\pm$ 0.266 χ^2 /NDF: 49222.1/18

Left: 1459.218 $\pm$ 0.187 χ^2 /NDF: 426546.5/39

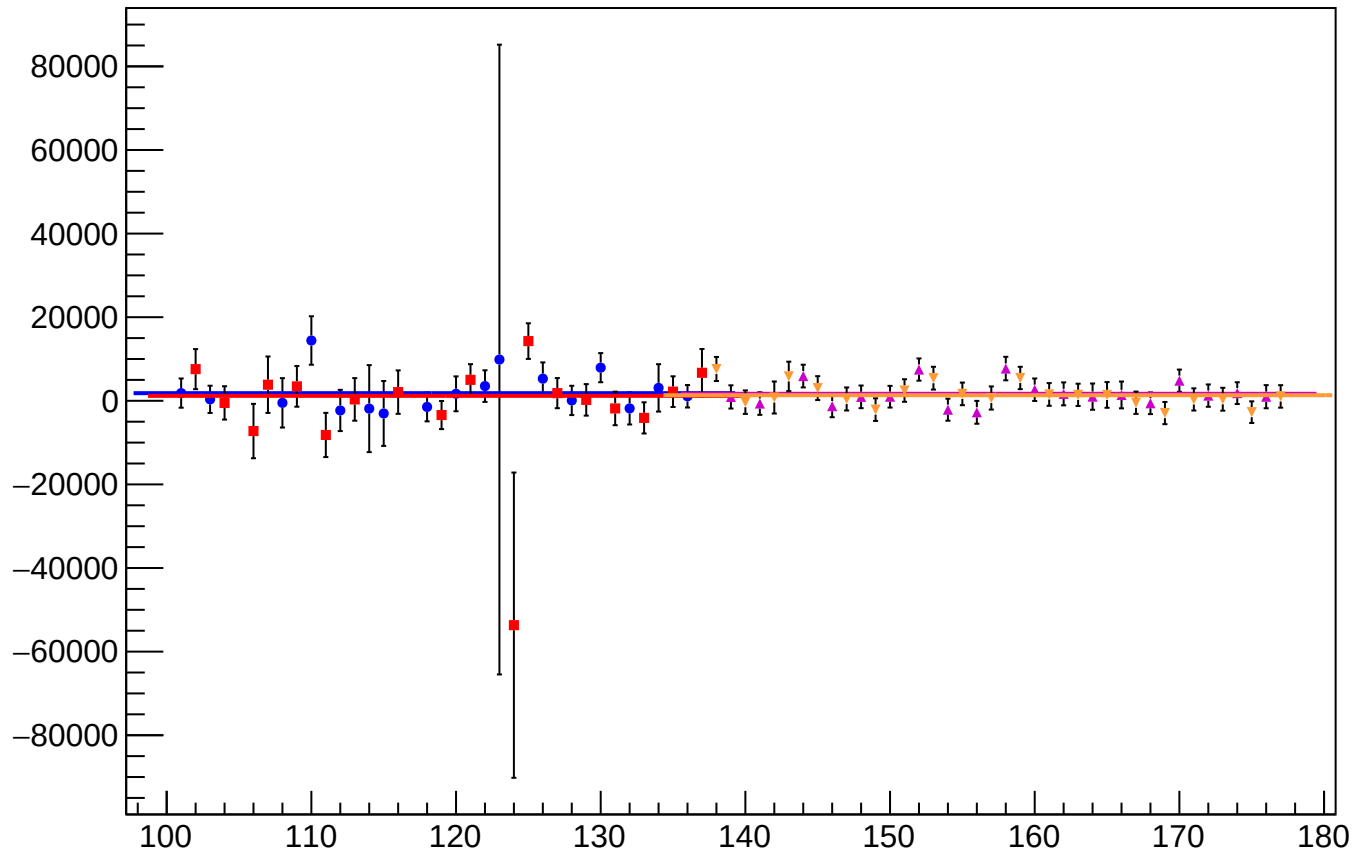
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1538.512 $\pm$ 0.238 χ^2 /NDF: 1077655.4/35

Out: 1555.870 $\pm$ 0.234 χ^2 /NDF: 1340939.2/38

All: 1547.327 $\pm$ 0.167 χ^2 /NDF: 2421304.2/74

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1334.062 $\pm$ 609.523 χ^2 /NDF:19.4/20

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1675.599 $\pm$ 625.988 χ^2 /NDF:21.2/18

Left: 1500.280 $\pm$ 436.703 χ^2 /NDF: 40.7/39

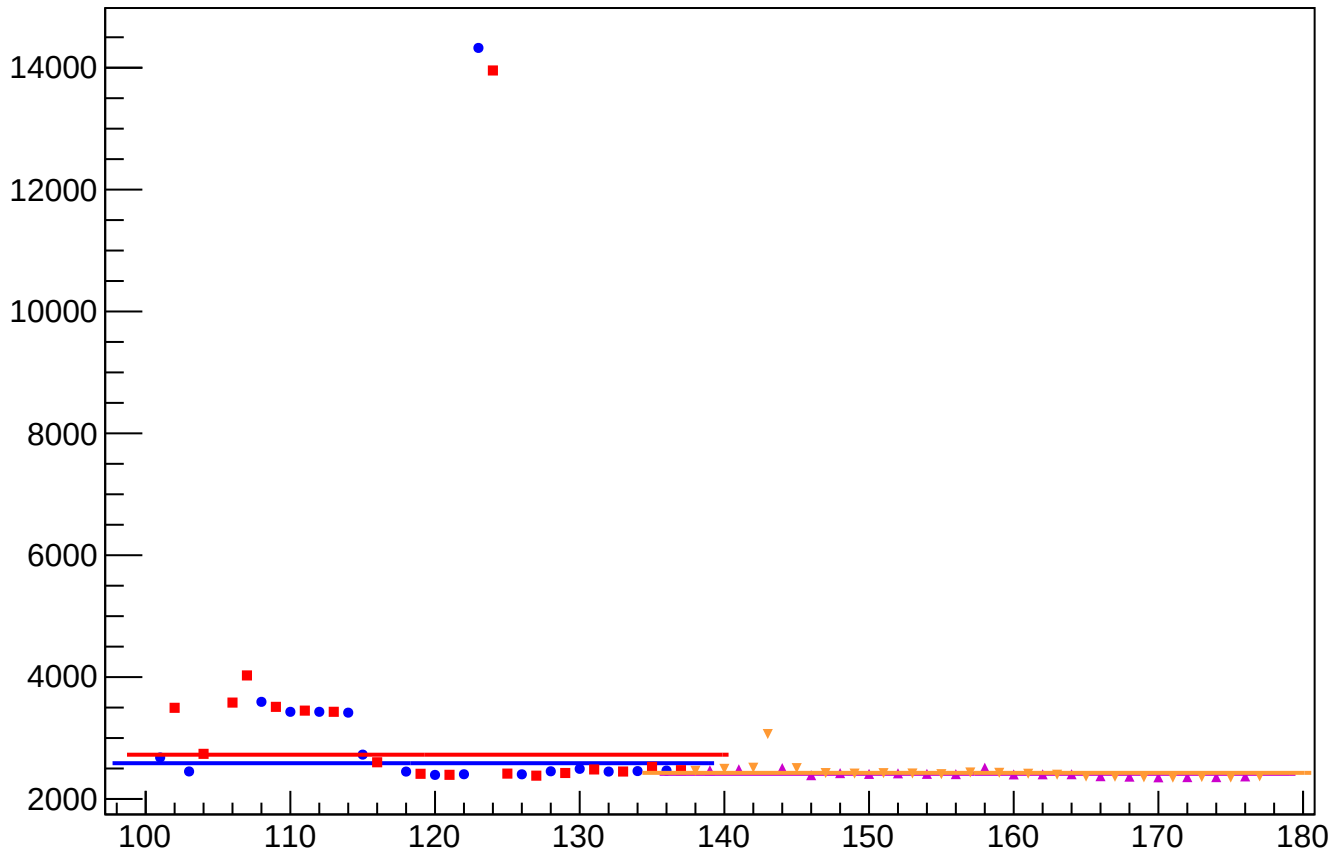
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1717.064 $\pm$ 532.103 χ^2 /NDF:33.7/35

Out: 1295.934 $\pm$ 527.133 χ^2 /NDF:44.9/38

All: 1504.523 $\pm$ 374.484 χ^2 /NDF: 79.0/74

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2428.596 $\pm$ 0.431 χ^2 /NDF: 79094.0/20

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2412.614 $\pm$ 0.443 χ^2 /NDF: 11631.7/18

Left: 2420.818 $\pm$ 0.309 χ^2 /NDF: 91394.9/39

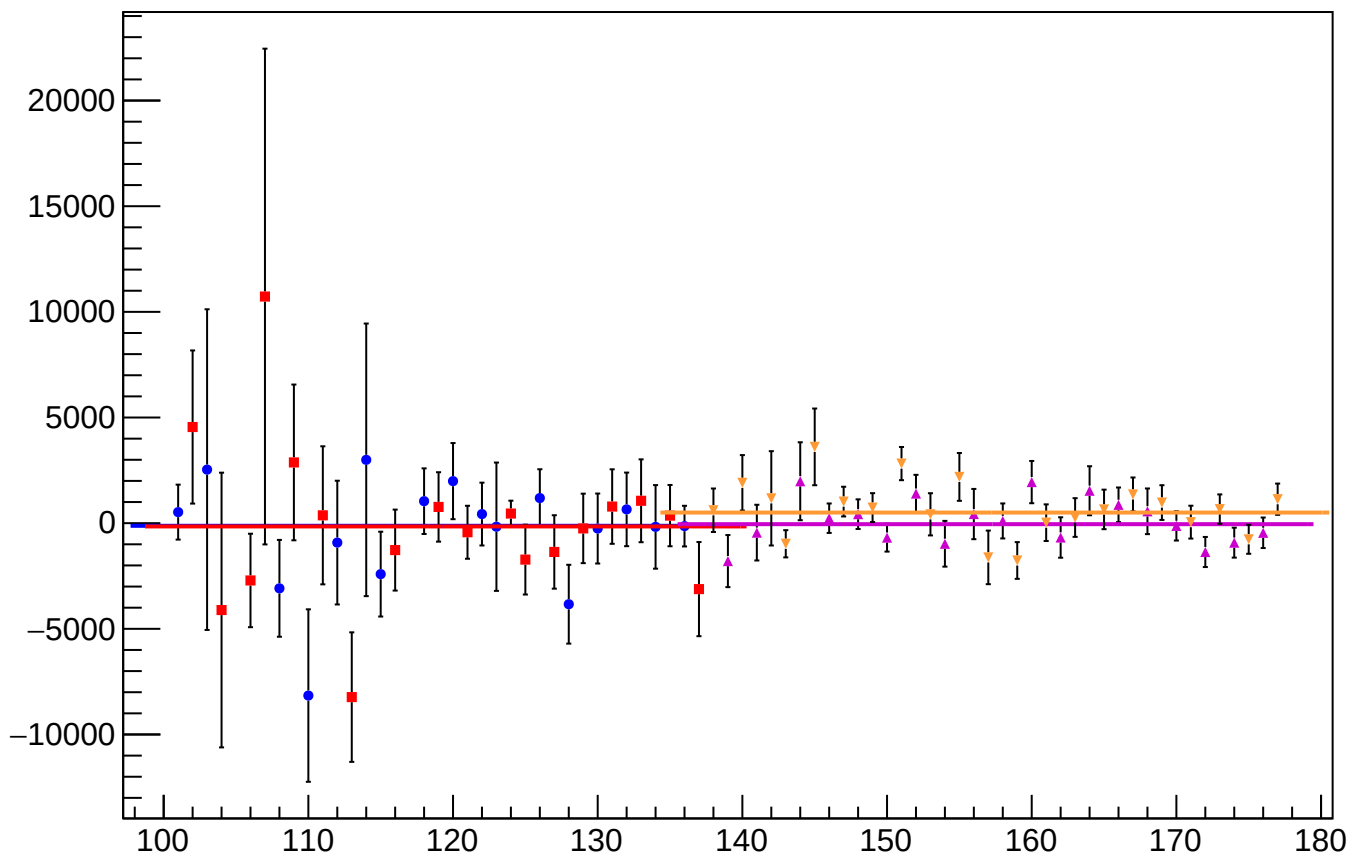
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2460.994 $\pm$ 0.376 χ^2 /NDF: 308798.7/35

Out: 2503.678 $\pm$ 0.373 χ^2 /NDF: 780337.3/38

All: 2482.536 $\pm$ 0.265 χ^2 /NDF: 1095631.4/74

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 502.559 ± 187.811 χ^2/NDF : 37.1/20

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: -47.511 ± 198.687 χ^2/NDF : 21.6/18

Left: 242.991 ± 136.486 χ^2/NDF : 62.7/39

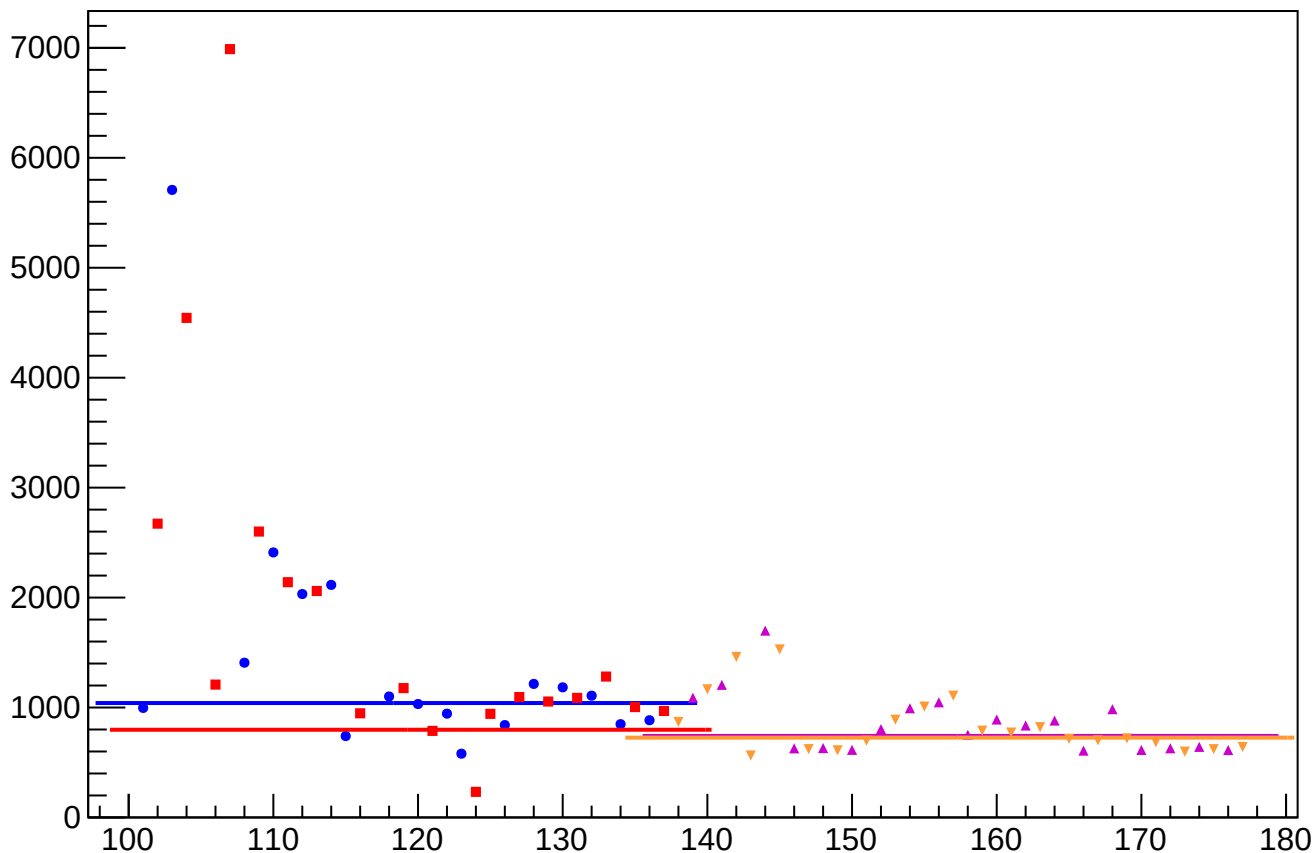
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: -61.012 ± 180.420 χ^2/NDF : 36.3/35

Out: 374.053 ± 168.449 χ^2/NDF : 57.0/38

All: 171.431 ± 123.126 χ^2/NDF : 96.4/74

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 725.901+/-0.133 χ^2/NDF :1646207.4/20

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 741.283+/-0.140 χ^2/NDF :1840874.5/18

Left: 733.159+/-0.097 χ^2/NDF : 3493411.9/39

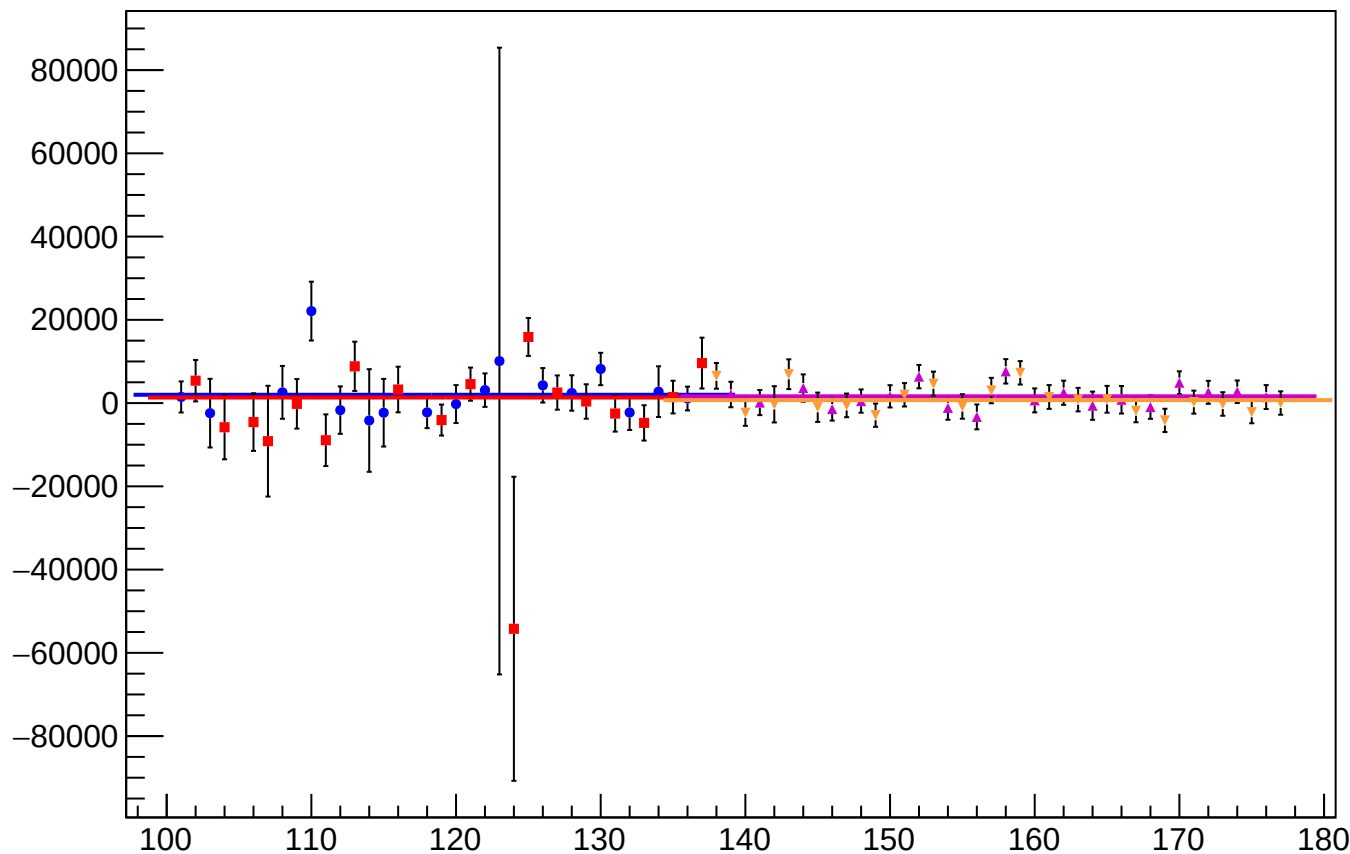
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 793.819+/-0.128 χ^2/NDF :4211014.6/35

Out: 739.948+/-0.119 χ^2/NDF :6877749.0/38

All: 765.037+/-0.087 χ^2/NDF : 11184029.3/74

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 715.636+/-647.267 χ^2/NDF : 23.3/20

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1629.631+/-666.822 χ^2/NDF : 16.0/18

Left: 1159.036+/-464.446 χ^2/NDF : 40.2/39

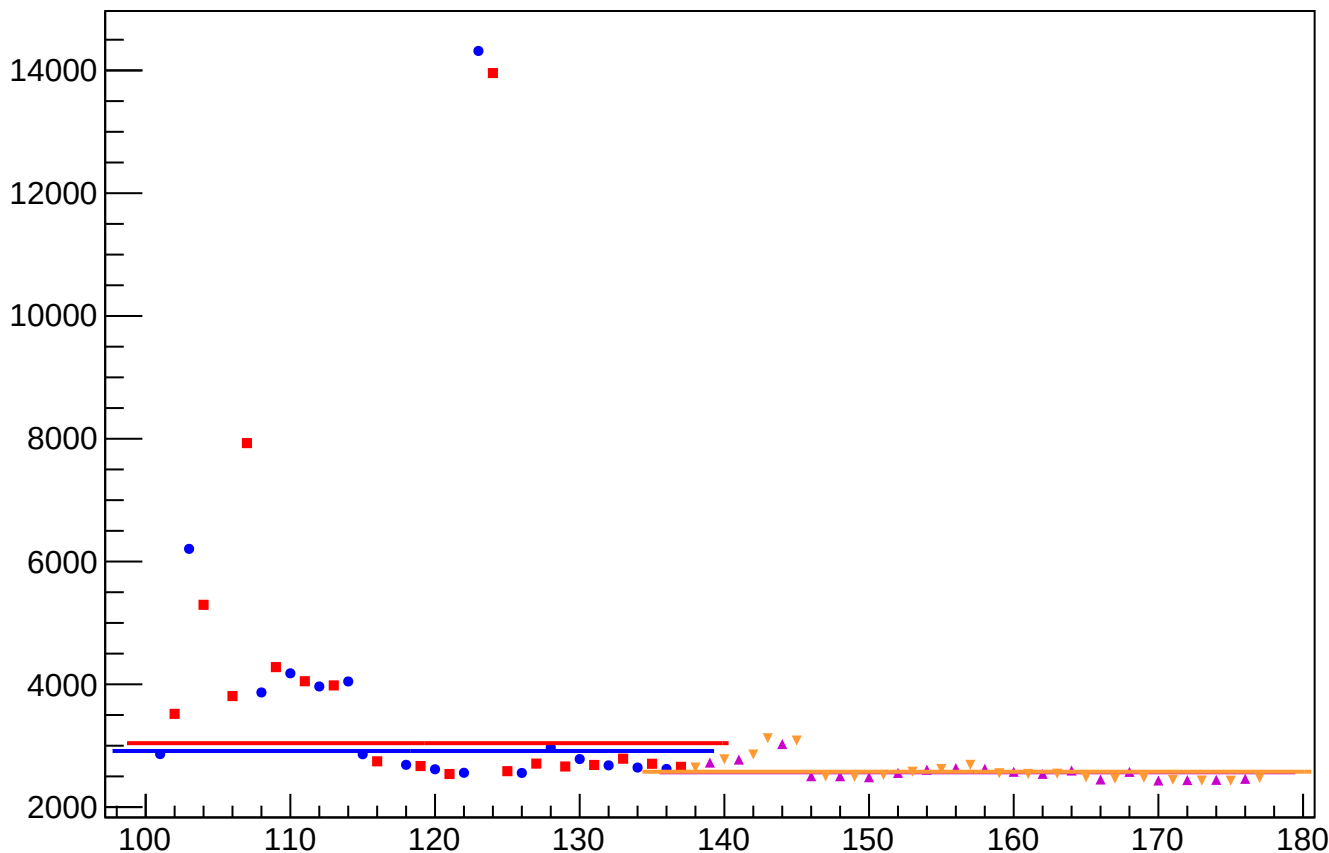
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1721.279+/-577.495 χ^2/NDF : 31.0/35

Out: 856.729+/-569.004 χ^2/NDF : 51.0/38

All: 1282.601+/-405.315 χ^2/NDF : 83.1/74

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2576.223+/-0.458 χ^2/NDF :138624.4/20

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2566.833+/-0.472 χ^2/NDF :79095.1/18

Left: 2571.667+/-0.328 χ^2/NDF : 217923.7/39

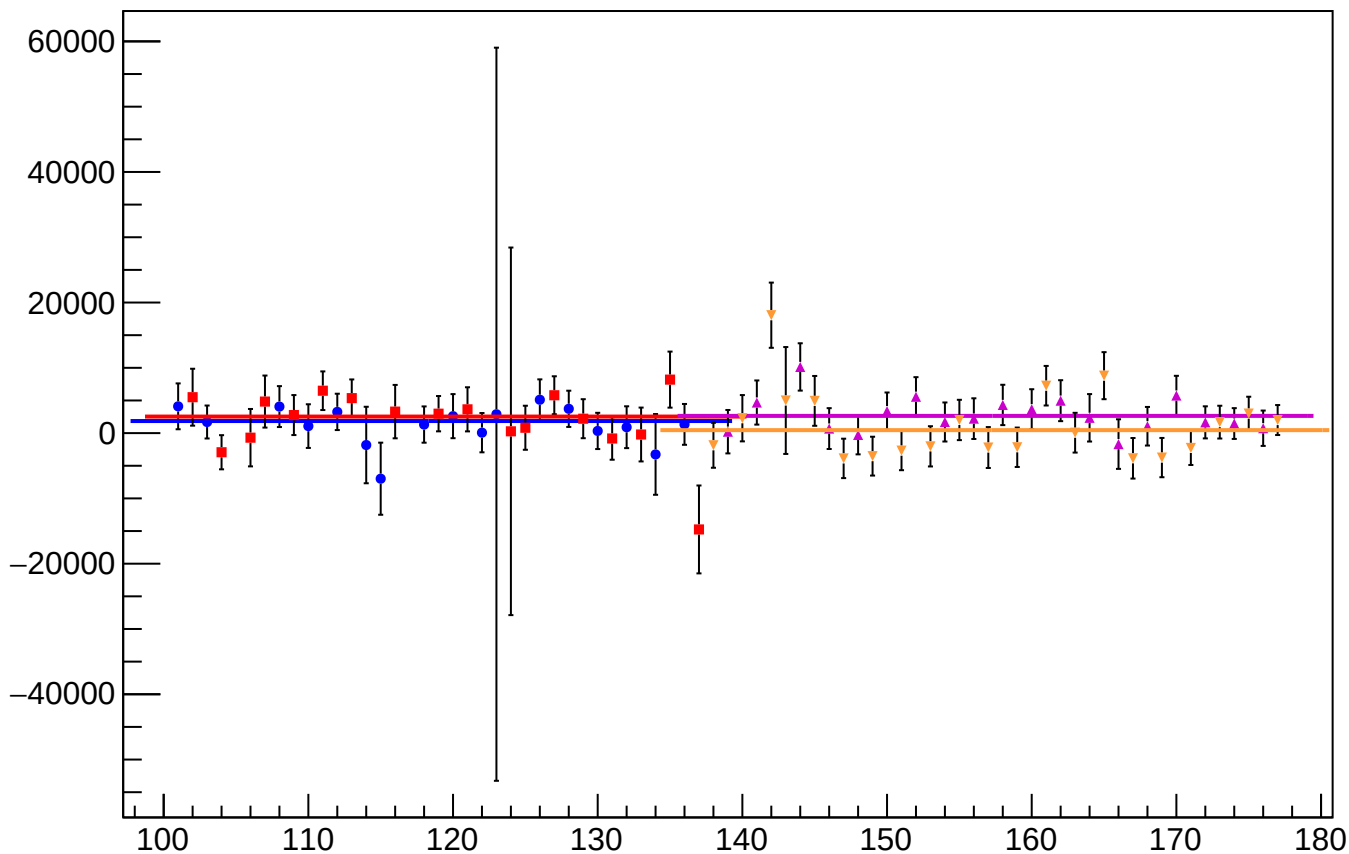
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2653.584+/-0.408 χ^2/NDF :853495.3/35

Out: 2681.875+/-0.402 χ^2/NDF :1376736.7/38

All: 2667.939+/-0.287 χ^2/NDF : 2232667.5/74

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 455.595 ± 674.748 χ^2/NDF : 39.2/20

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2638.059 ± 693.006 χ^2/NDF : 12.2/18

Left: 1517.699 ± 483.445 χ^2/NDF : 56.5/39

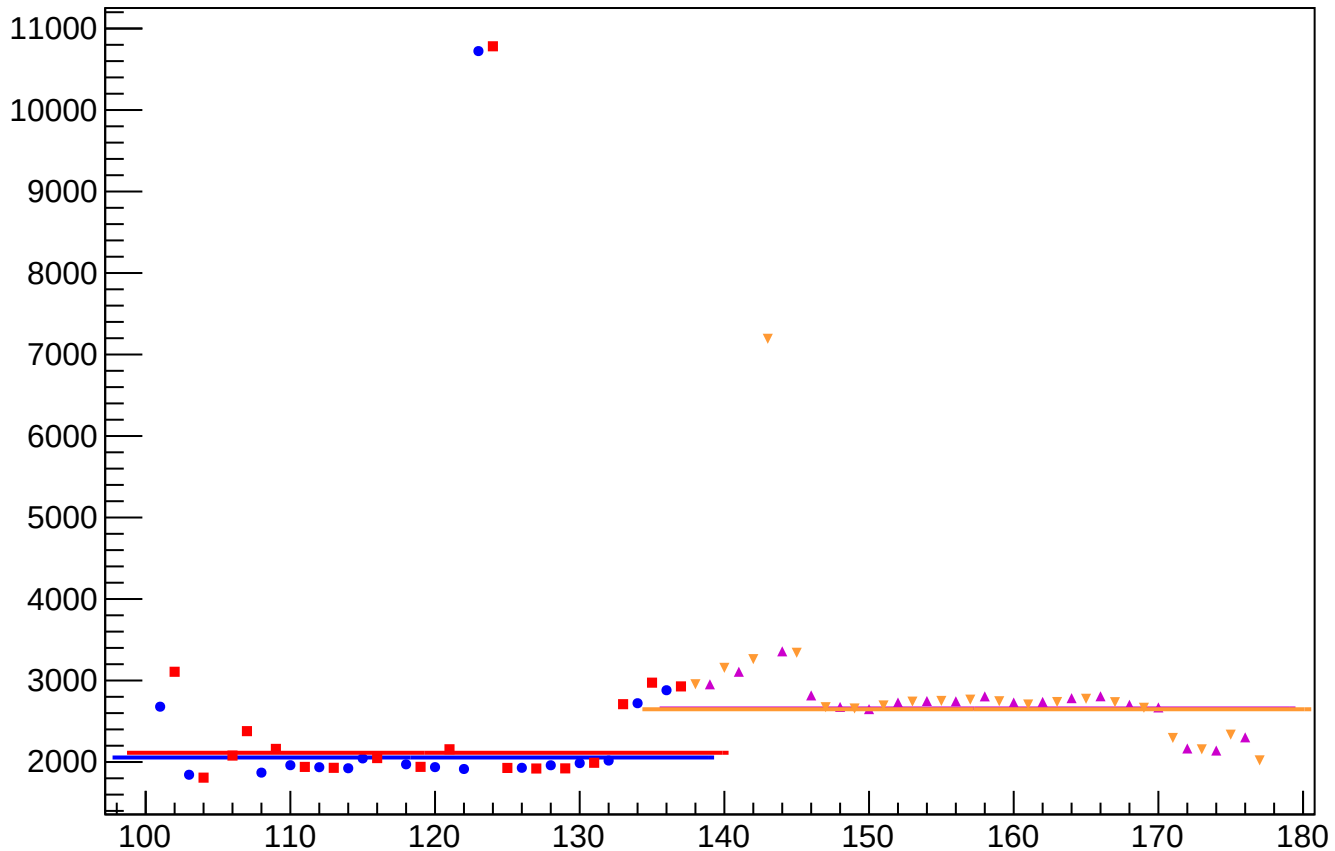
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2303.500 ± 525.687 χ^2/NDF : 20.0/35

Out: 1296.016 ± 520.855 χ^2/NDF : 63.1/38

All: 1795.106 ± 369.997 χ^2/NDF : 84.9/74

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 +/- 0.570 χ^2/NDF : 316383.7/16

Left Out: 2647.254 +/- 0.477 χ^2/NDF : 1077698.0/20

Right Out: 2113.304 +/- 0.578 χ^2/NDF : 532006.4/17

Left In: 2657.123 +/- 0.490 χ^2/NDF : 359229.1/18

Left: 2652.057 +/- 0.342 χ^2/NDF : 1437135.3/39

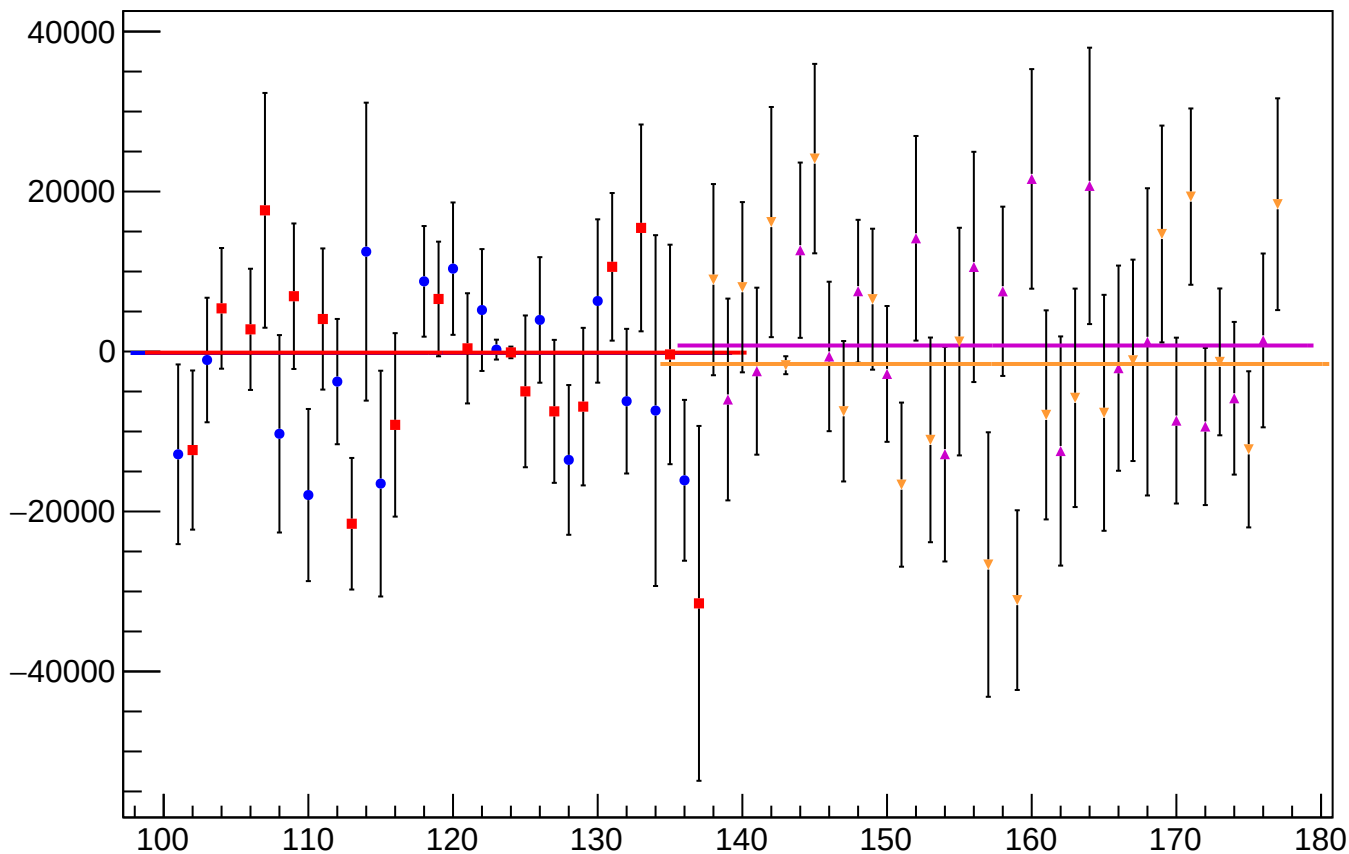
Right: 2083.972 +/- 0.406 χ^2/NDF : 853461.4/34

In: 2401.659 +/- 0.372 χ^2/NDF : 1315712.7/35

Out: 2431.081 +/- 0.368 χ^2/NDF : 2116751.8/38

All: 2416.515 +/- 0.262 χ^2/NDF : 3435627.7/74

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1558.646+/-1029.436 χ^2/NDF : 30.1/20

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 751.003+/-2594.642 χ^2/NDF : 12.2/18

Left: -1244.522+/-956.875 χ^2/NDF : 43.0/39

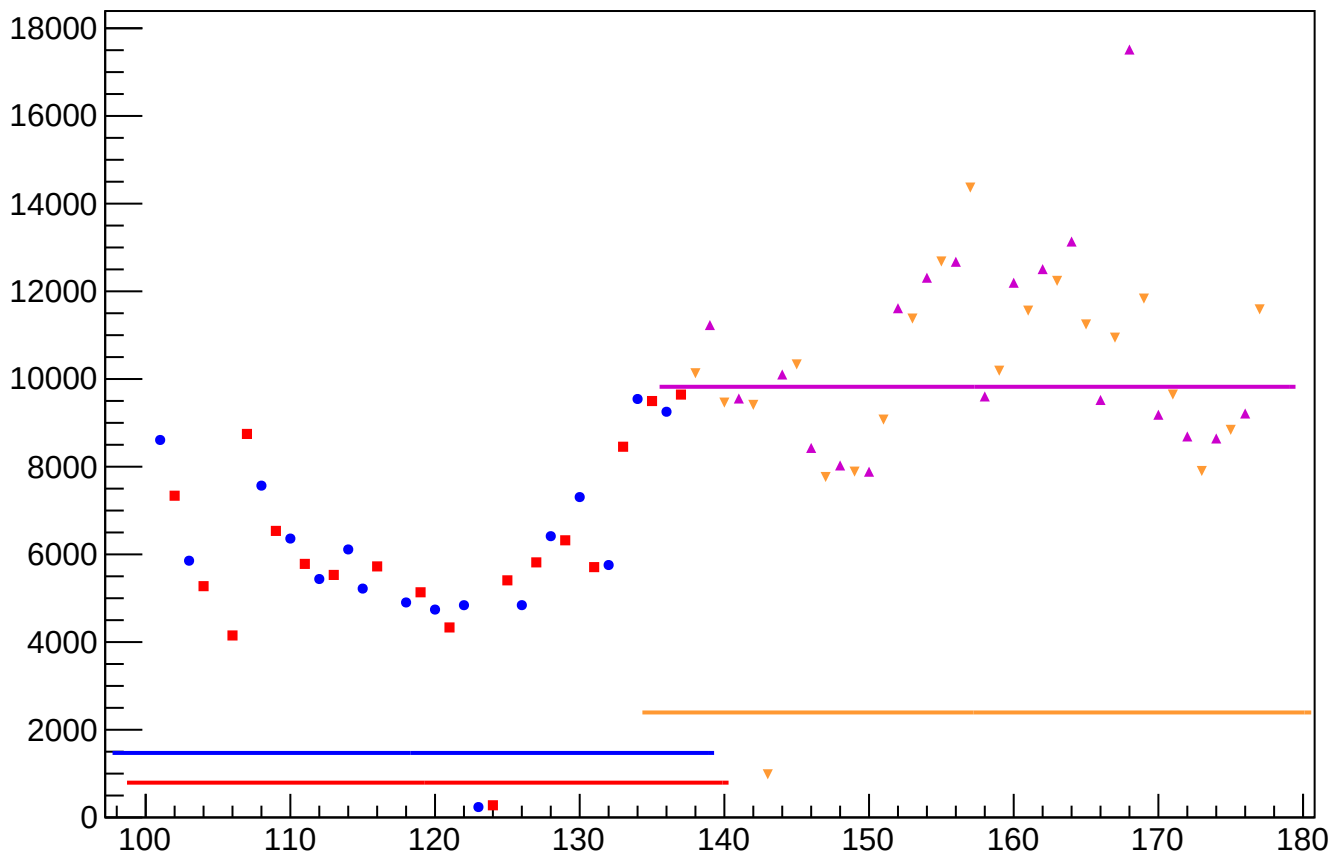
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -42.435+/-1013.355 χ^2/NDF : 28.7/35

Out: -581.966+/-573.721 χ^2/NDF : 50.4/38

All: -451.004+/-499.258 χ^2/NDF : 79.3/74

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2394.522+/-0.728 χ^2/NDF : 20729226.8/20

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9822.701+/-1.835 χ^2/NDF : 1040853.7/18

Left: 3404.793+/-0.677 χ^2/NDF : 35932942.0/39

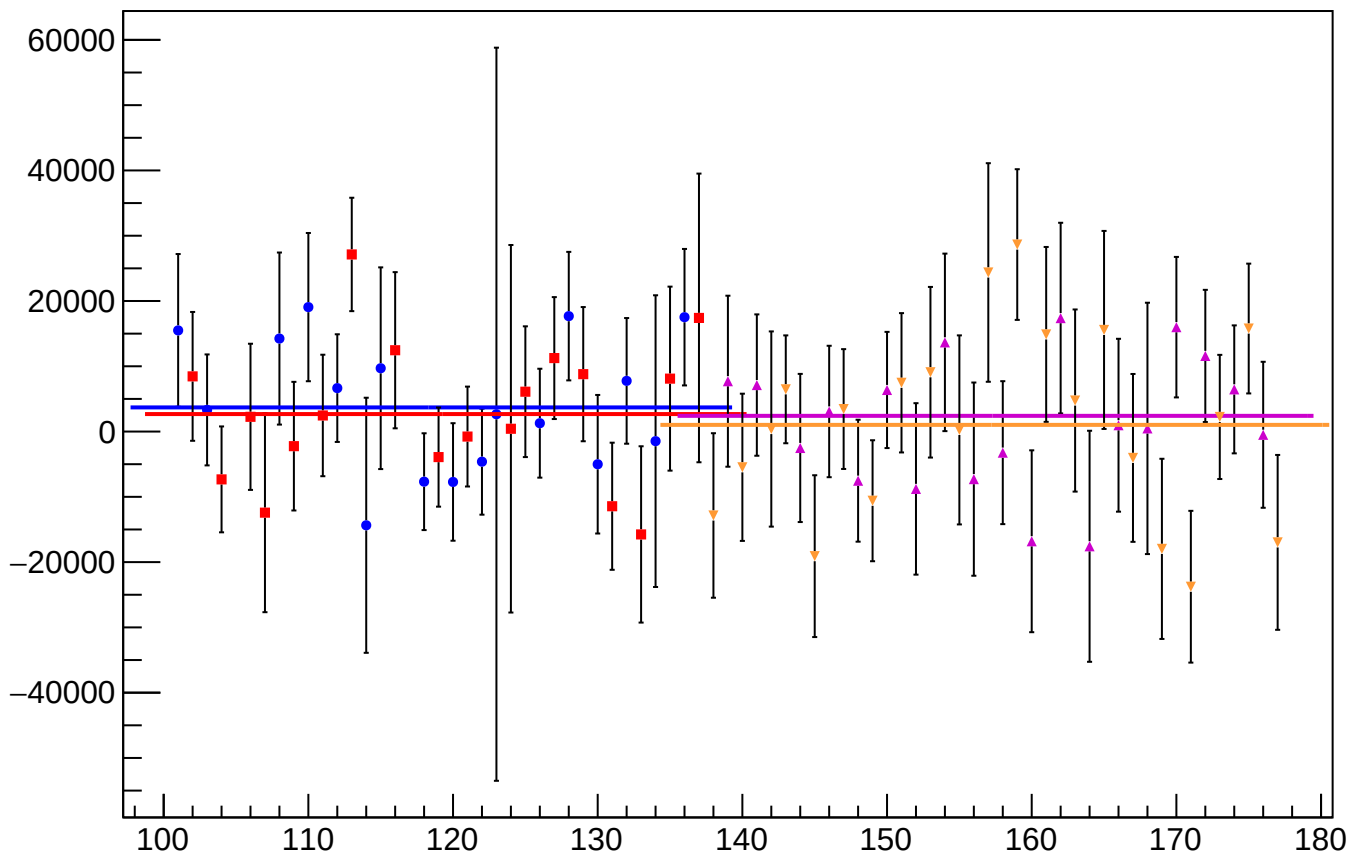
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2745.438+/-0.717 χ^2/NDF : 28387463.0/35

Out: 1290.888+/-0.406 χ^2/NDF : 35486155.6/38

All: 1643.954+/-0.353 χ^2/NDF : 66994044.4/71

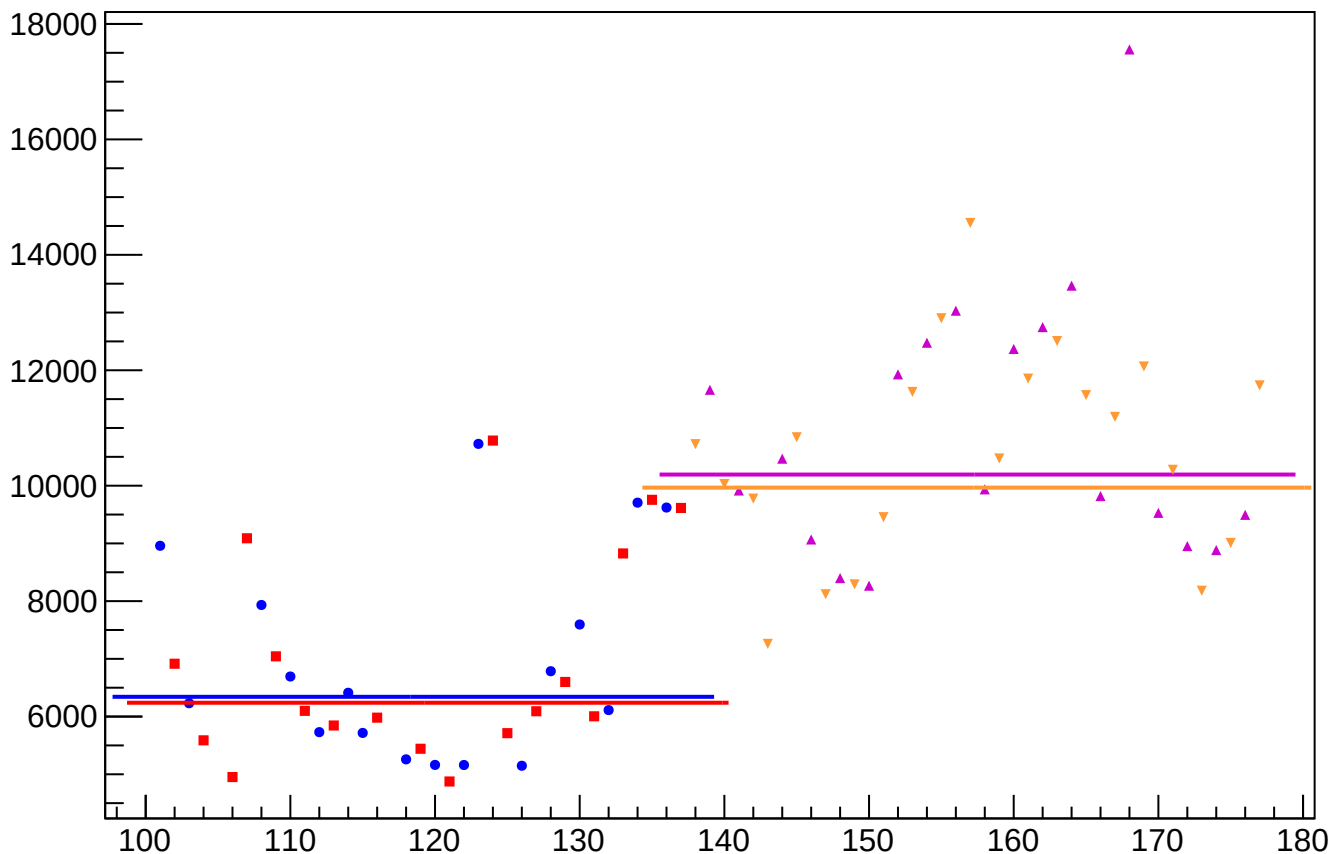
asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16
 Left Out: 1023.012 $\pm$ 2545.742 χ^2 /NDF: 27.4/20
 Right Out: 2679.483 $\pm$ 2428.648 χ^2 /NDF: 18.5/17
 Left In: 2407.697 $\pm$ 2687.685 χ^2 /NDF: 10.9/18

Left: 1677.827 $\pm$ 1848.255 χ^2 /NDF: 38.4/39
 Right: 3170.572 $\pm$ 1748.031 χ^2 /NDF: 33.0/34
 In: 3095.110 $\pm$ 1837.536 χ^2 /NDF: 25.4/35
 Out: 1890.218 $\pm$ 1757.251 χ^2 /NDF: 46.1/38
 All: 2465.768 $\pm$ 1269.999 χ^2 /NDF: 71.7/74

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9966.739+/-1.800 χ^2/NDF : 969778.4/20

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10192.977+/-1.900 χ^2/NDF : 939800.8/18

Left: 10073.727+/-1.307 χ^2/NDF : 1917048.8/39

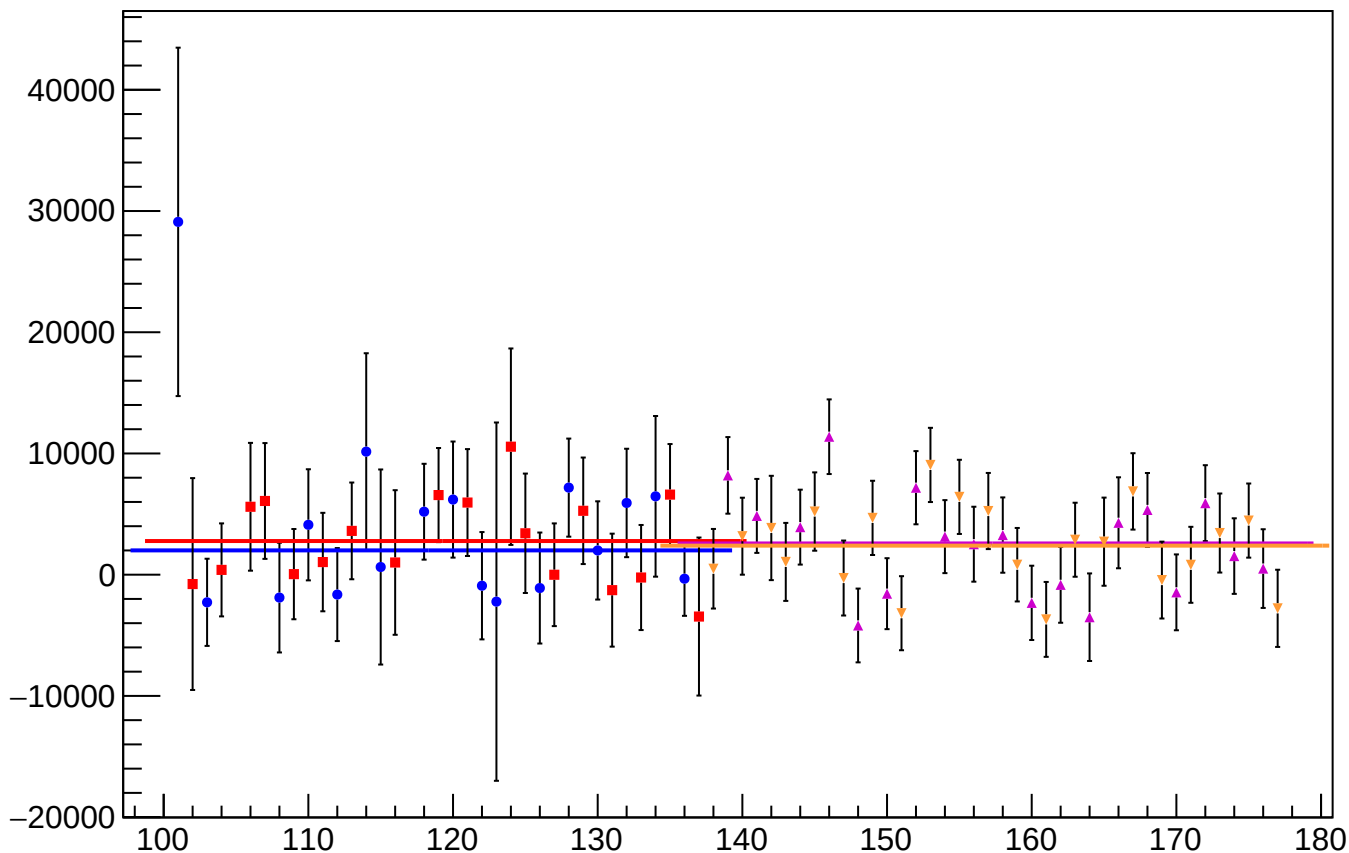
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8142.221+/-1.299 χ^2/NDF : 3719827.2/35

Out: 8015.463+/-1.243 χ^2/NDF : 3743321.9/38

All: 8076.011+/-0.898 χ^2/NDF : 7468120.2/74

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2/NDF : 13.7/16

Left Out: 2396.400 $\pm$ 695.031 χ^2/NDF : 23.8/20

Right Out: 2776.042 $\pm$ 1086.812 χ^2/NDF : 8.3/17

Left In: 2576.502 $\pm$ 718.540 χ^2/NDF : 32.4/18

Left: 2483.456 $\pm$ 499.566 χ^2/NDF : 56.2/39

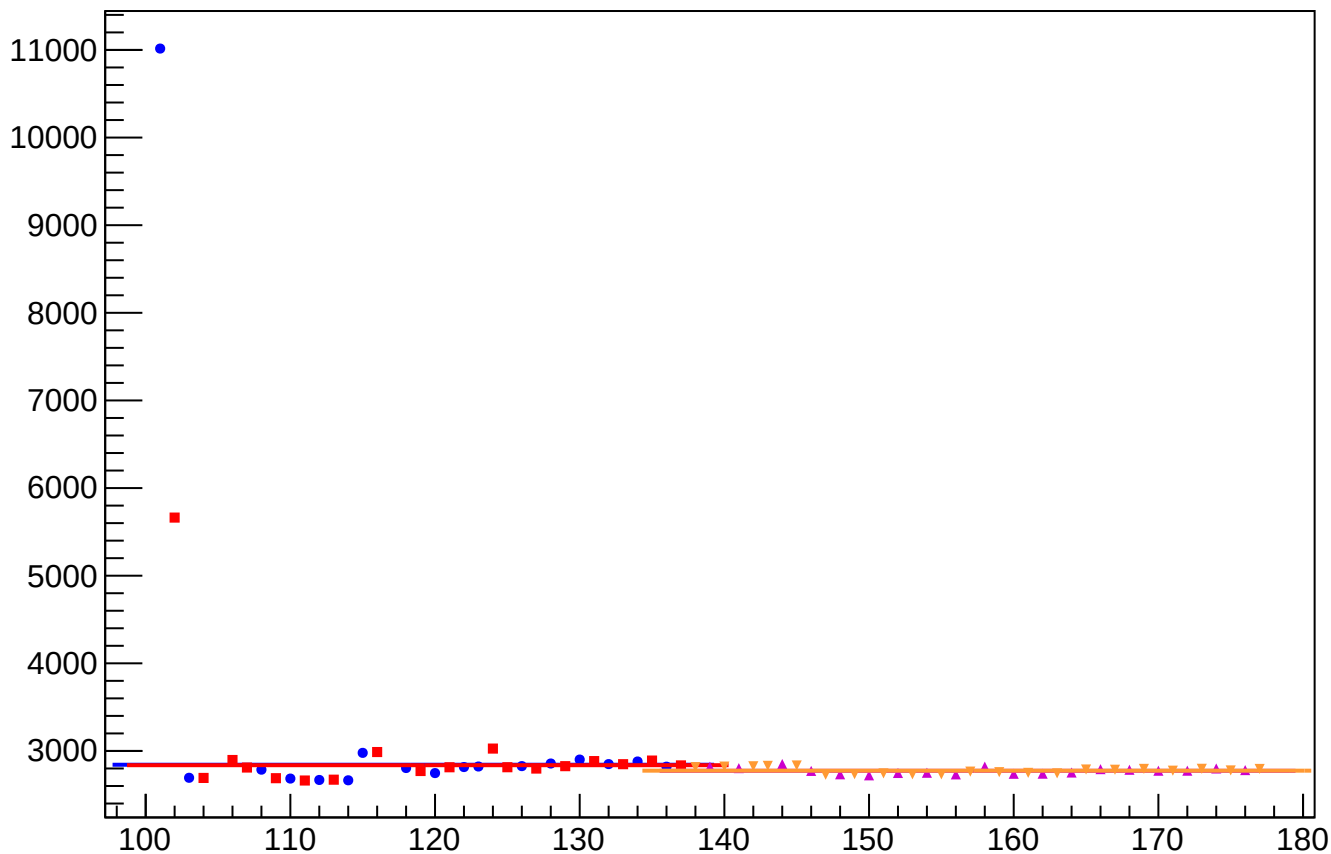
Right: 2403.779 $\pm$ 781.789 χ^2/NDF : 22.3/34

In: 2410.885 $\pm$ 605.630 χ^2/NDF : 46.2/35

Out: 2506.597 $\pm$ 585.534 χ^2/NDF : 32.2/38

All: 2460.355 $\pm$ 420.960 χ^2/NDF : 78.5/74

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.999+/-0.491 χ^2/NDF : 4748.1/20

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2773.079+/-0.508 χ^2/NDF : 4692.8/18

Left: 2774.071+/-0.353 χ^2/NDF : 9448.3/39

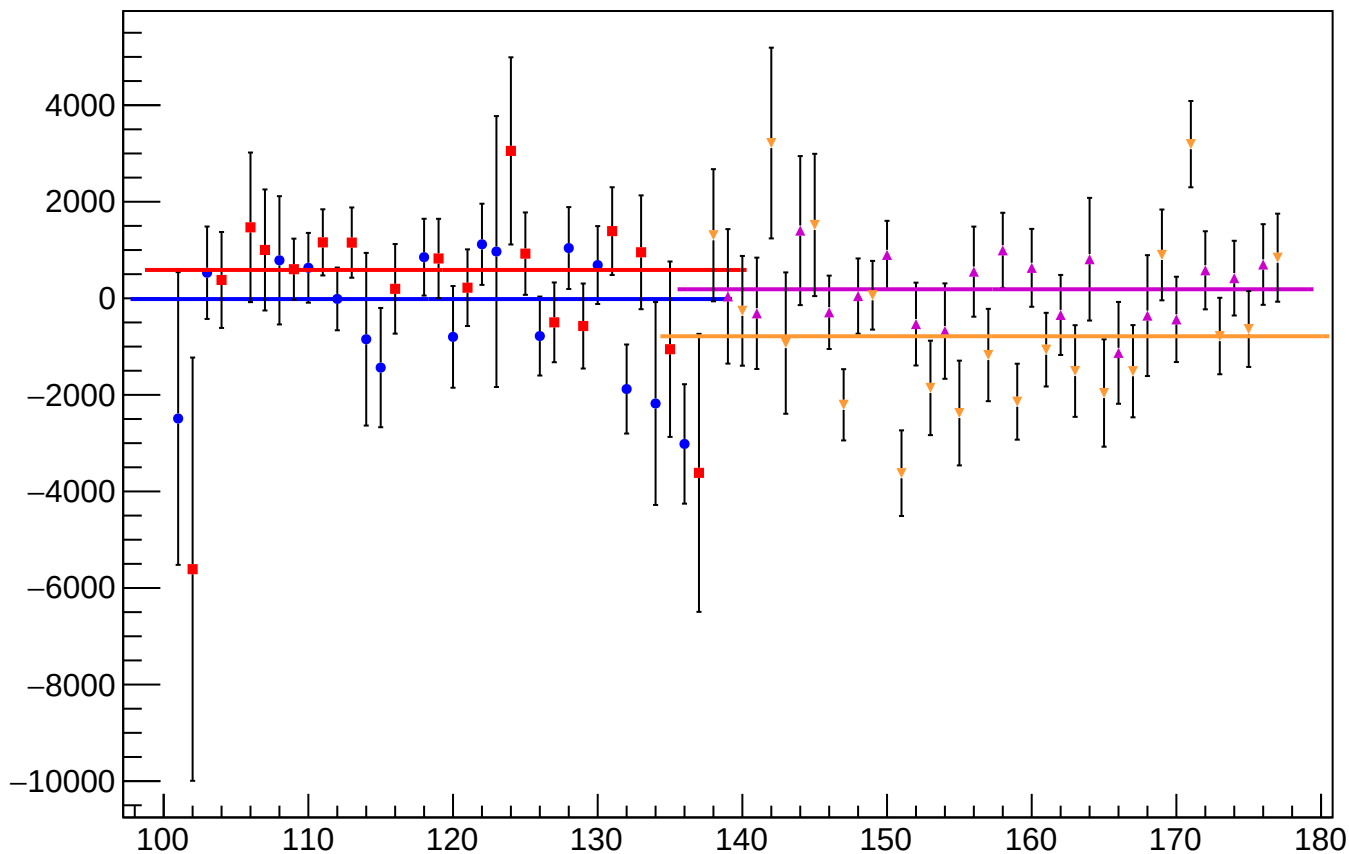
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.220+/-0.428 χ^2/NDF : 670423.9/35

Out: 2793.123+/-0.414 χ^2/NDF : 235855.5/38

All: 2793.170+/-0.298 χ^2/NDF : 906279.4/74

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -785.909 $\pm$ 205.355 χ^2/NDF : 59.6/20

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 187.333 $\pm$ 207.072 χ^2/NDF : 8.9/18

Left: -303.339 $\pm$ 145.811 χ^2/NDF : 79.6/39

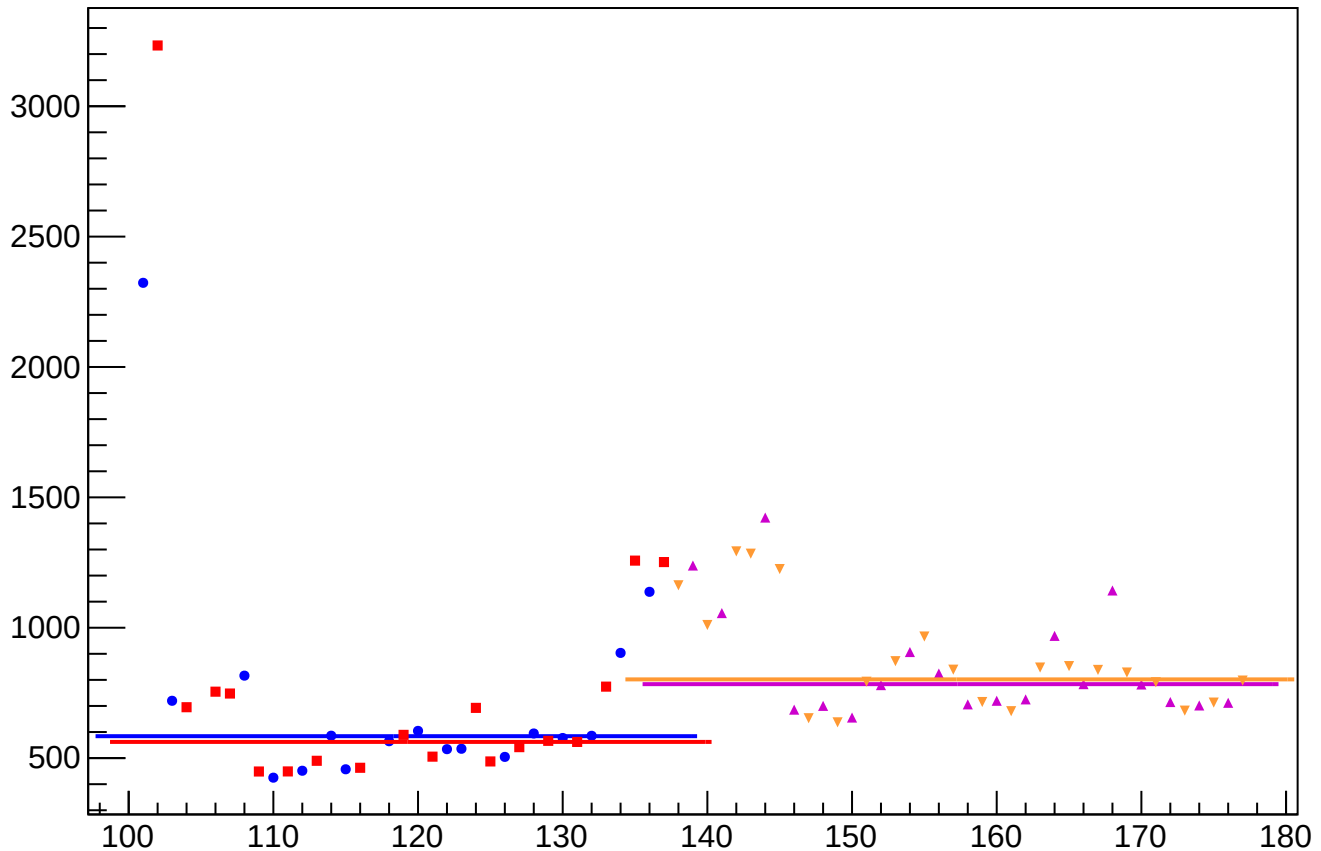
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 100.247 $\pm$ 156.463 χ^2/NDF : 30.9/35

Out: -164.169 $\pm$ 151.926 χ^2/NDF : 93.2/38

All: -35.850 $\pm$ 108.997 χ^2/NDF : 125.5/74

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055 ± 0.169 χ^2/NDF : 1436613.4/16

Left Out: 801.900 ± 0.145 χ^2/NDF : 1120505.1/20

Right Out: 562.122 ± 0.160 χ^2/NDF : 1525298.9/17

Left In: 783.622 ± 0.146 χ^2/NDF : 1125397.3/18

Left: 792.837 ± 0.103 χ^2/NDF : 2253758.8/39

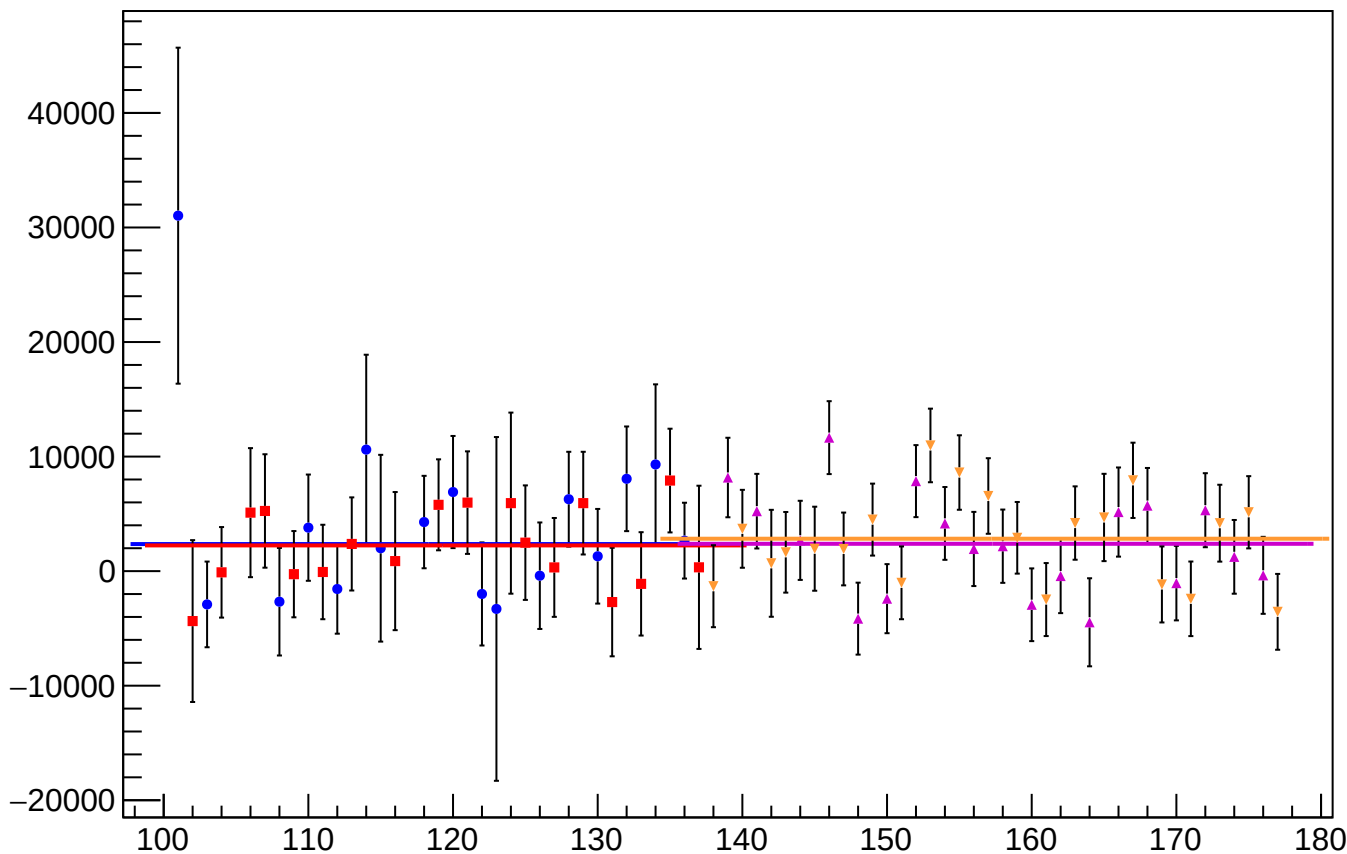
Right: 572.473 ± 0.116 χ^2/NDF : 2970817.1/34

In: 697.994 ± 0.111 χ^2/NDF : 3359073.5/35

Out: 693.361 ± 0.107 χ^2/NDF : 3880080.1/38

All: 695.609 ± 0.077 χ^2/NDF : 7240056.0/74

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2829.608+/-730.491 χ^2/NDF : 28.6/20

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2386.157+/-753.640 χ^2/NDF : 33.3/18

Left: 2614.798+/-524.528 χ^2/NDF : 62.0/39

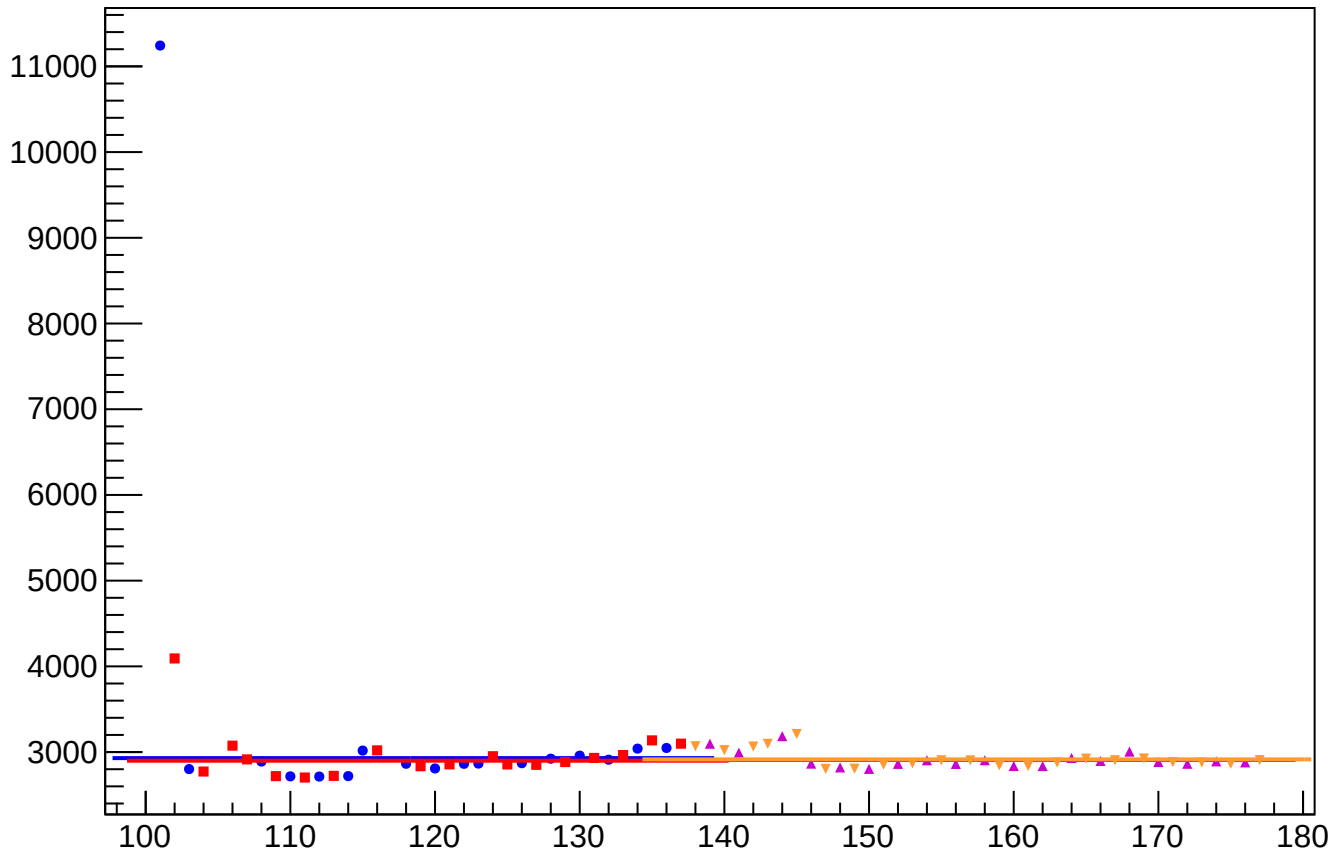
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2379.223+/-631.965 χ^2/NDF : 48.3/35

Out: 2653.487+/-610.528 χ^2/NDF : 37.3/38

All: 2521.085+/-439.092 χ^2/NDF : 85.7/74

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.868+/-0.517 χ^2/NDF : 35604.2/20

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2907.273+/-0.533 χ^2/NDF : 29852.6/18

Left: 2911.189+/-0.371 χ^2/NDF : 65561.5/39

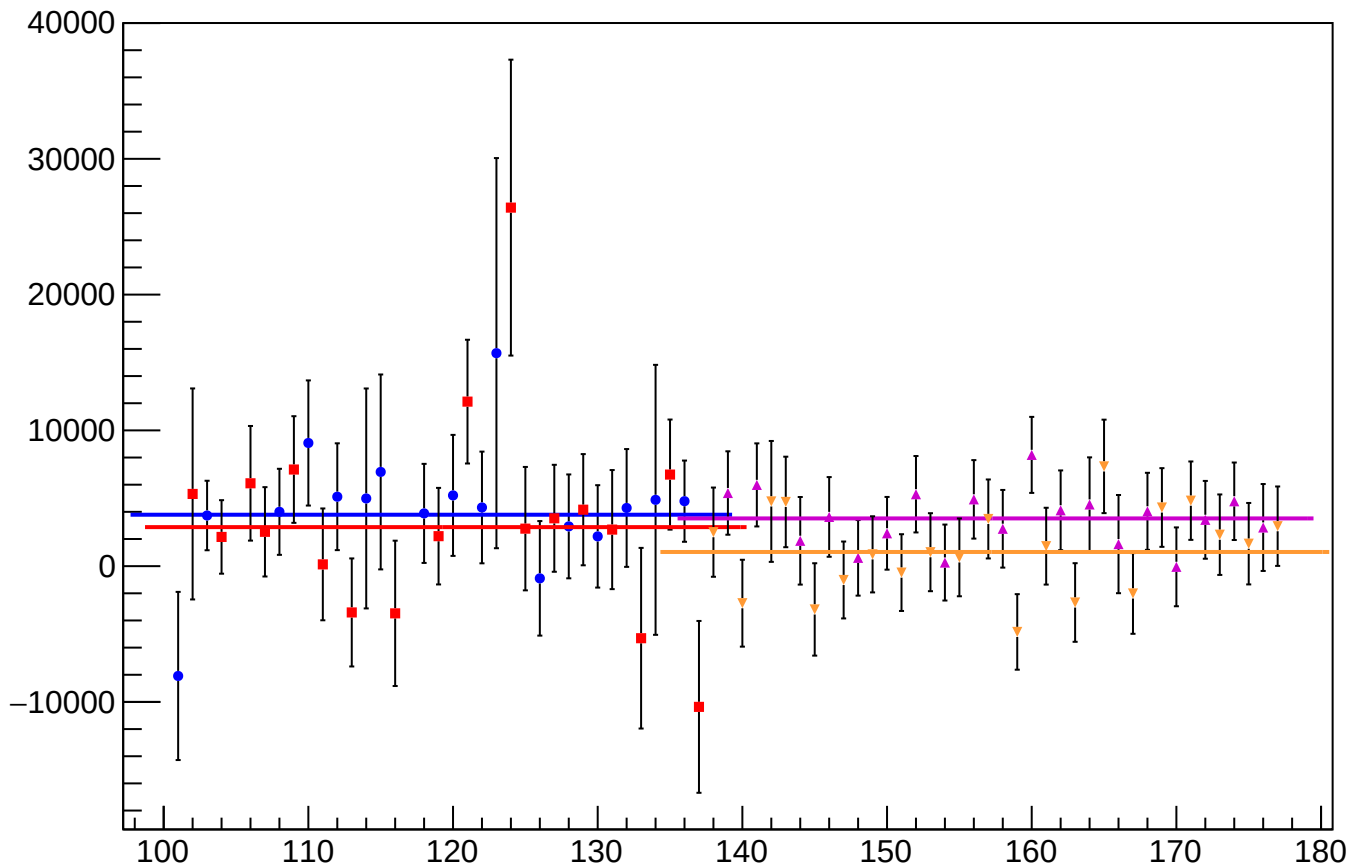
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2913.917+/-0.447 χ^2/NDF : 693005.1/35

Out: 2910.214+/-0.432 χ^2/NDF : 119416.5/38

All: 2912.001+/-0.310 χ^2/NDF : 812457.2/74

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 1044.590 $\pm$ 658.281 χ^2 /NDF:20.8/20

Right Out: 2874.691 $\pm$ 1004.077 χ^2 /NDF: 22.0/17

Left In: 3515.514 $\pm$ 677.654 χ^2 /NDF:9.6/18

Left: 2244.227 $\pm$ 472.176 χ^2 /NDF: 37.2/39

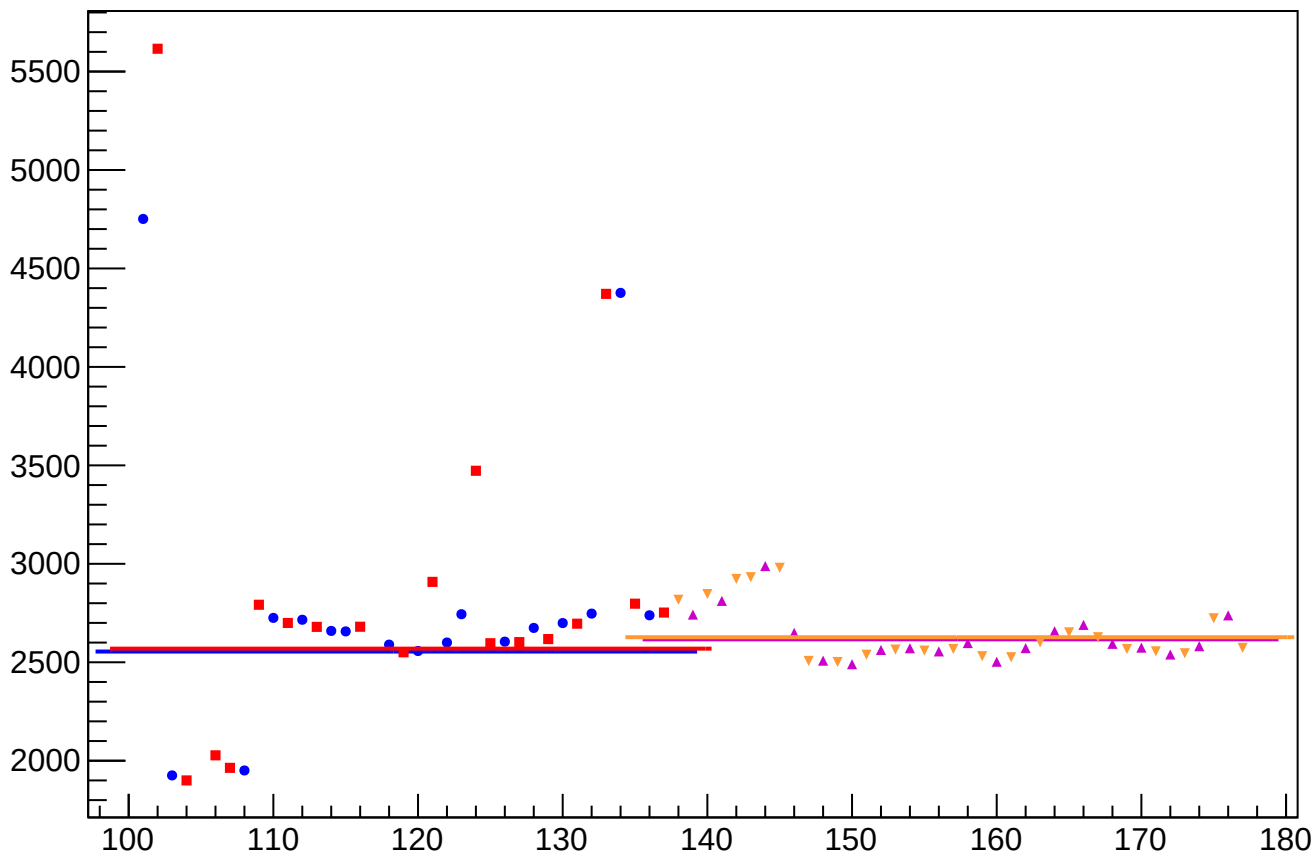
Right: 3329.431 $\pm$ 711.415 χ^2 /NDF: 30.2/34

In: 3600.268 $\pm$ 562.403 χ^2 /NDF:17.4/35

Out: 1594.741 $\pm$ 550.517 χ^2 /NDF:45.1/38

All: 2576.087 $\pm$ 393.409 χ^2 /NDF: 69.0/74

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2/NDF : 536626.0/16

Left Out: 2627.245 $\pm$ 0.465 χ^2/NDF : 87280.3/20

Right Out: 2569.256 $\pm$ 0.710 χ^2/NDF : 723332.1/17

Left In: 2616.383 $\pm$ 0.479 χ^2/NDF : 58127.8/18

Left: 2621.971 $\pm$ 0.334 χ^2/NDF : 145672.5/39

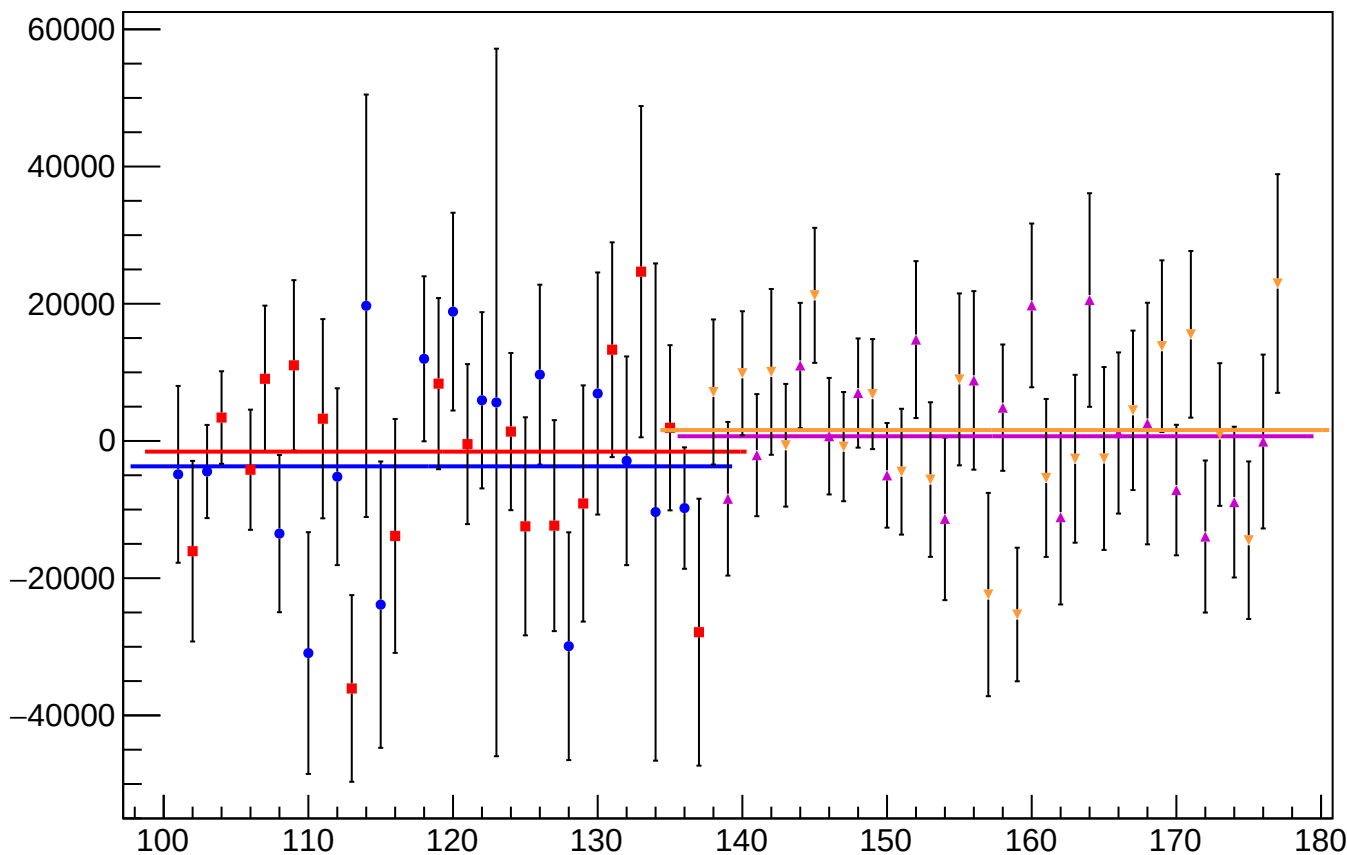
Right: 2561.929 $\pm$ 0.503 χ^2/NDF : 1260172.2/34

In: 2597.135 $\pm$ 0.398 χ^2/NDF : 599938.3/35

Out: 2609.803 $\pm$ 0.389 χ^2/NDF : 815280.5/38

All: 2603.605 $\pm$ 0.278 χ^2/NDF : 1415737.1/74

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1583.863 $\pm$ 2327.300 χ^2/NDF : 24.3/20

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 684.130 $\pm$ 2401.262 χ^2/NDF : 14.6/18

Left: 1148.066 $\pm$ 1671.186 χ^2/NDF : 39.0/39

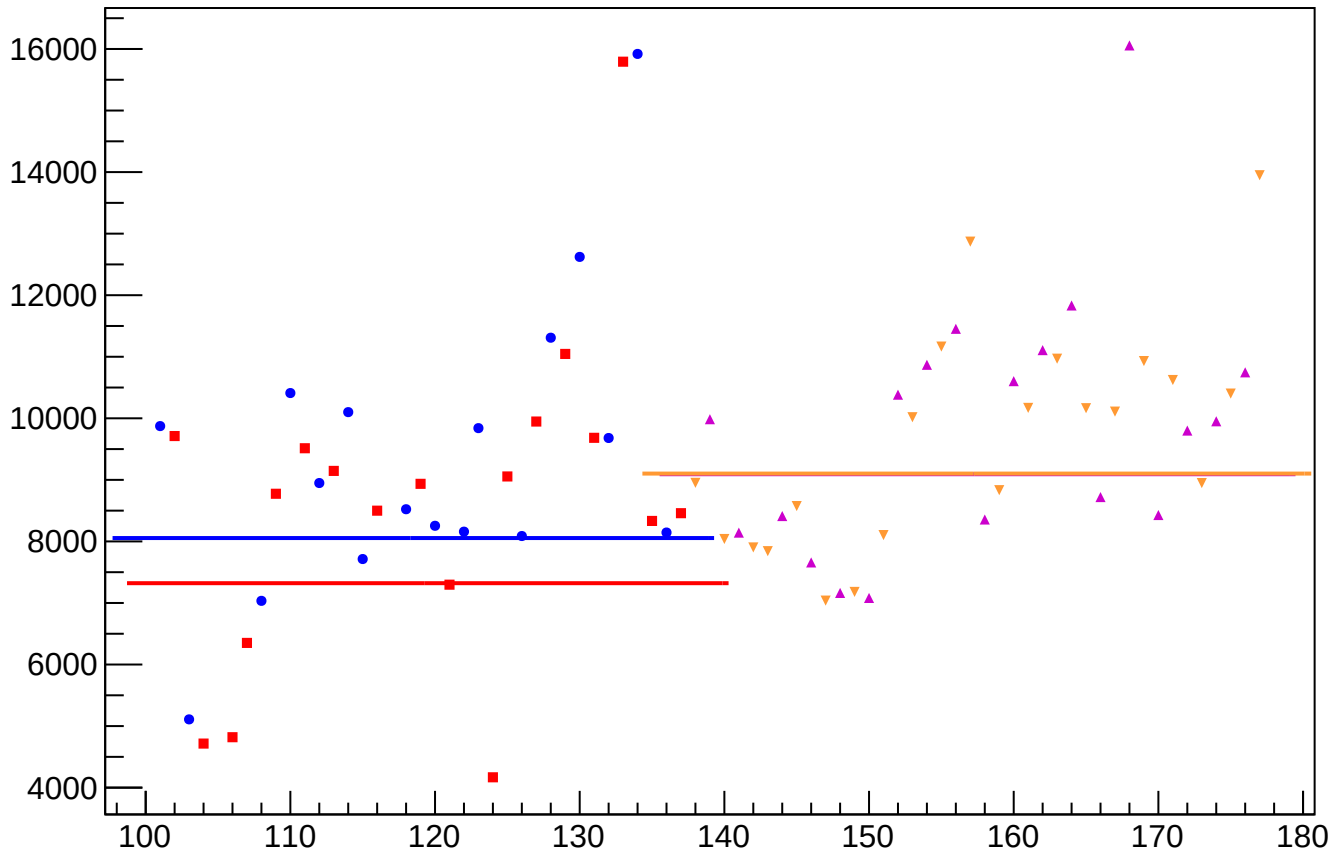
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -883.829 $\pm$ 1924.483 χ^2/NDF : 29.6/35

Out: 360.022 $\pm$ 1817.960 χ^2/NDF : 41.8/38

All: -226.528 $\pm$ 1321.546 χ^2/NDF : 71.6/74

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9102.065+/-1.646 χ^2/NDF : 941211.8/20

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9091.562+/-1.698 χ^2/NDF : 1032816.6/18

Left: 9096.978+/-1.182 χ^2/NDF : 1974048.2/39

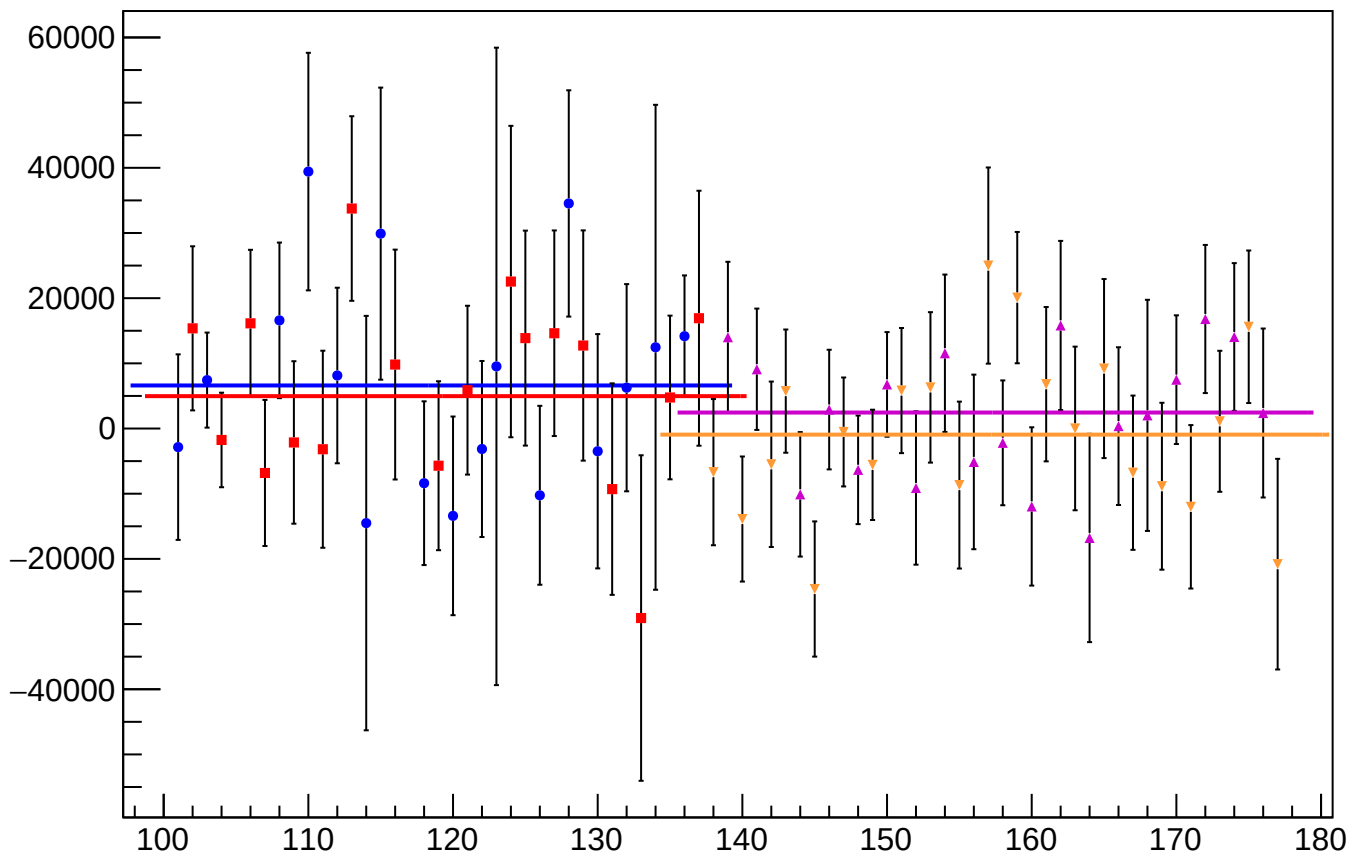
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8720.720+/-1.361 χ^2/NDF : 1986941.6/35

Out: 8407.952+/-1.285 χ^2/NDF : 2733552.9/38

All: 8555.441+/-0.934 χ^2/NDF : 4748409.8/74

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -936.561+/-2421.232 χ^2/NDF :22.7/20

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2453.506+/-2494.414 χ^2/NDF :13.6/18

Left: 708.014+/-1737.366 χ^2/NDF : 37.3/39

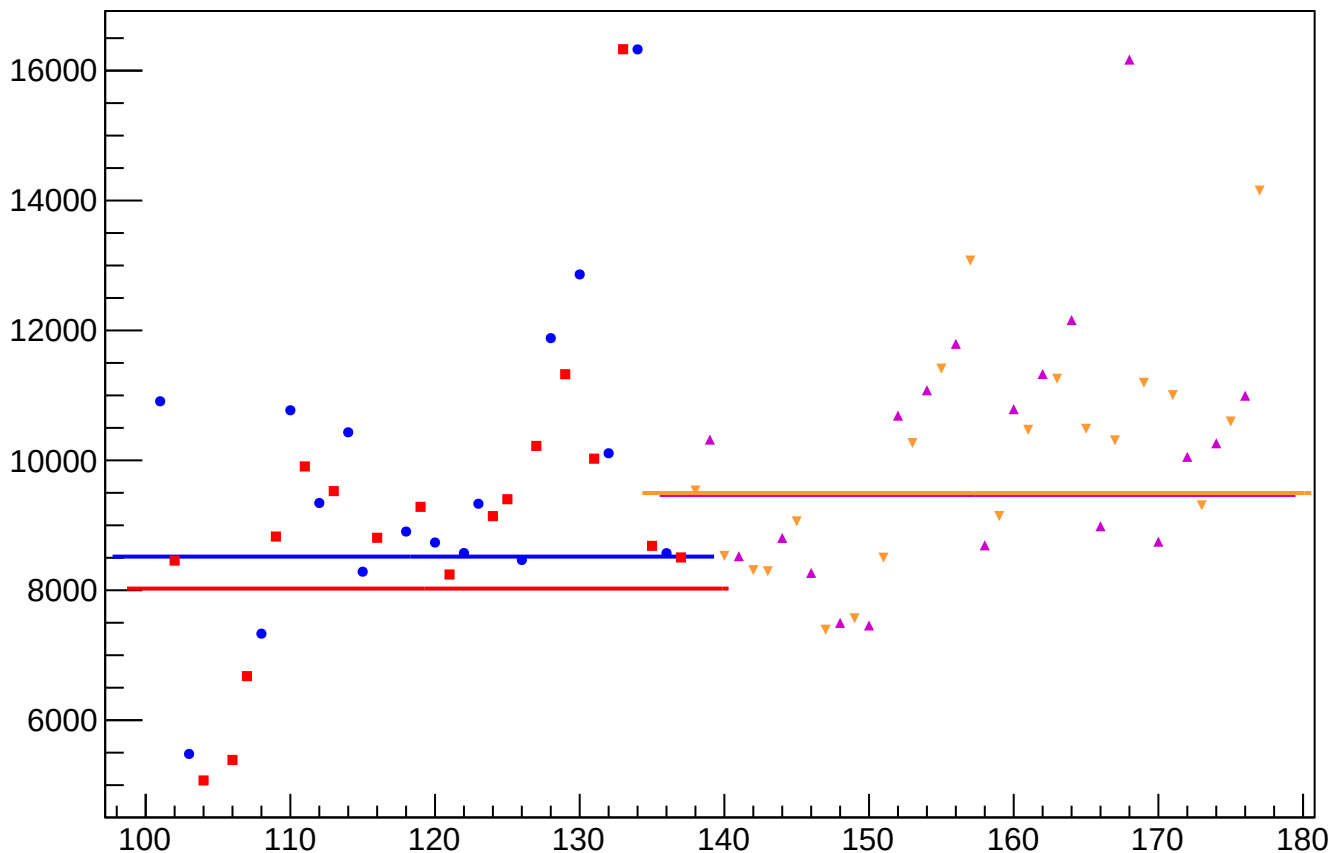
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3909.263+/-2010.347 χ^2/NDF :29.2/35

Out: 1232.907+/-1925.702 χ^2/NDF :38.5/38

All: 2513.556+/-1390.638 χ^2/NDF : 68.6/74

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9497.377+/-1.712 χ^2/NDF : 816340.3/20

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9466.745+/-1.764 χ^2/NDF : 907033.0/18

Left: 9482.517+/-1.229 χ^2/NDF : 1723528.6/39

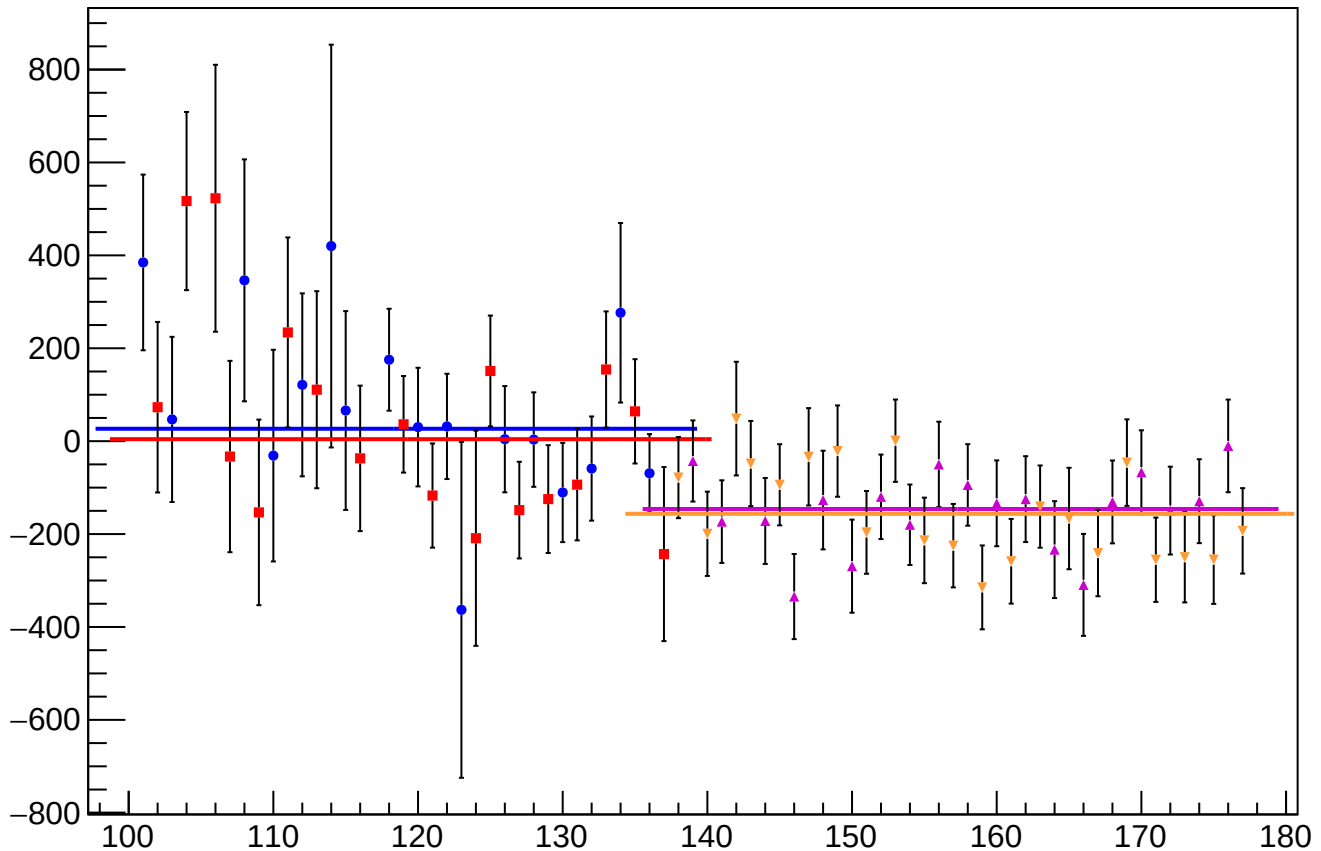
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9134.342+/-1.422 χ^2/NDF : 1780368.4/35

Out: 8956.734+/-1.362 χ^2/NDF : 2030378.8/38

All: 9041.719+/-0.983 χ^2/NDF : 3818888.0/74

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -156.391 ± 20.416 $\chi^2/\text{NDF}: 23.2/20$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -145.998 ± 21.438 $\chi^2/\text{NDF}: 14.7/18$

Left: -151.448 ± 14.785 $\chi^2/\text{NDF}: 38.1/39$

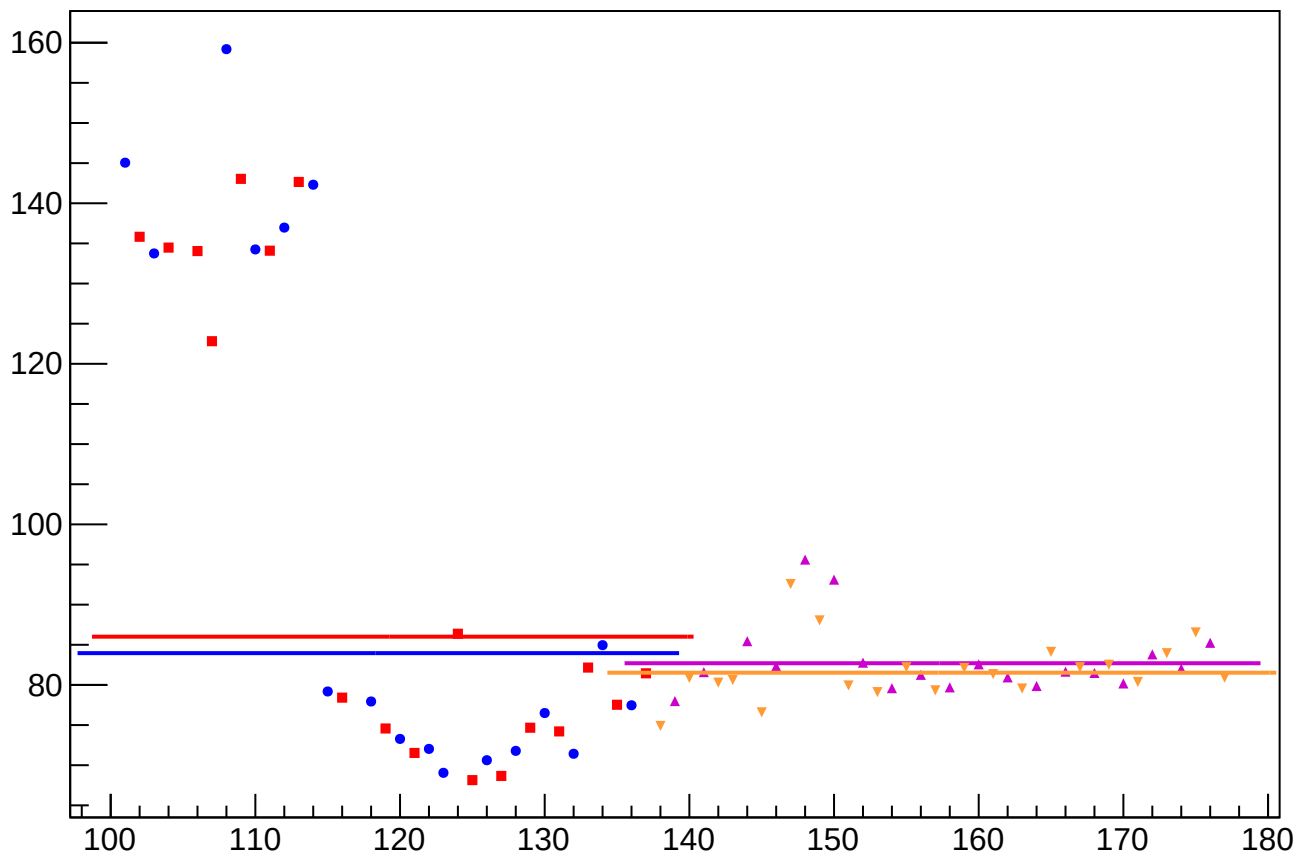
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -96.085 ± 18.077 $\chi^2/\text{NDF}: 48.0/35$

Out: -113.502 ± 17.481 $\chi^2/\text{NDF}: 63.7/38$

All: -105.085 ± 12.566 $\chi^2/\text{NDF}: 112.2/74$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.524 $\pm$ 0.014 χ^2 /NDF: 62607.8/20

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.703 $\pm$ 0.015 χ^2 /NDF: 70492.8/18

Left: 82.085 $\pm$ 0.010 χ^2 /NDF: 136268.5/39

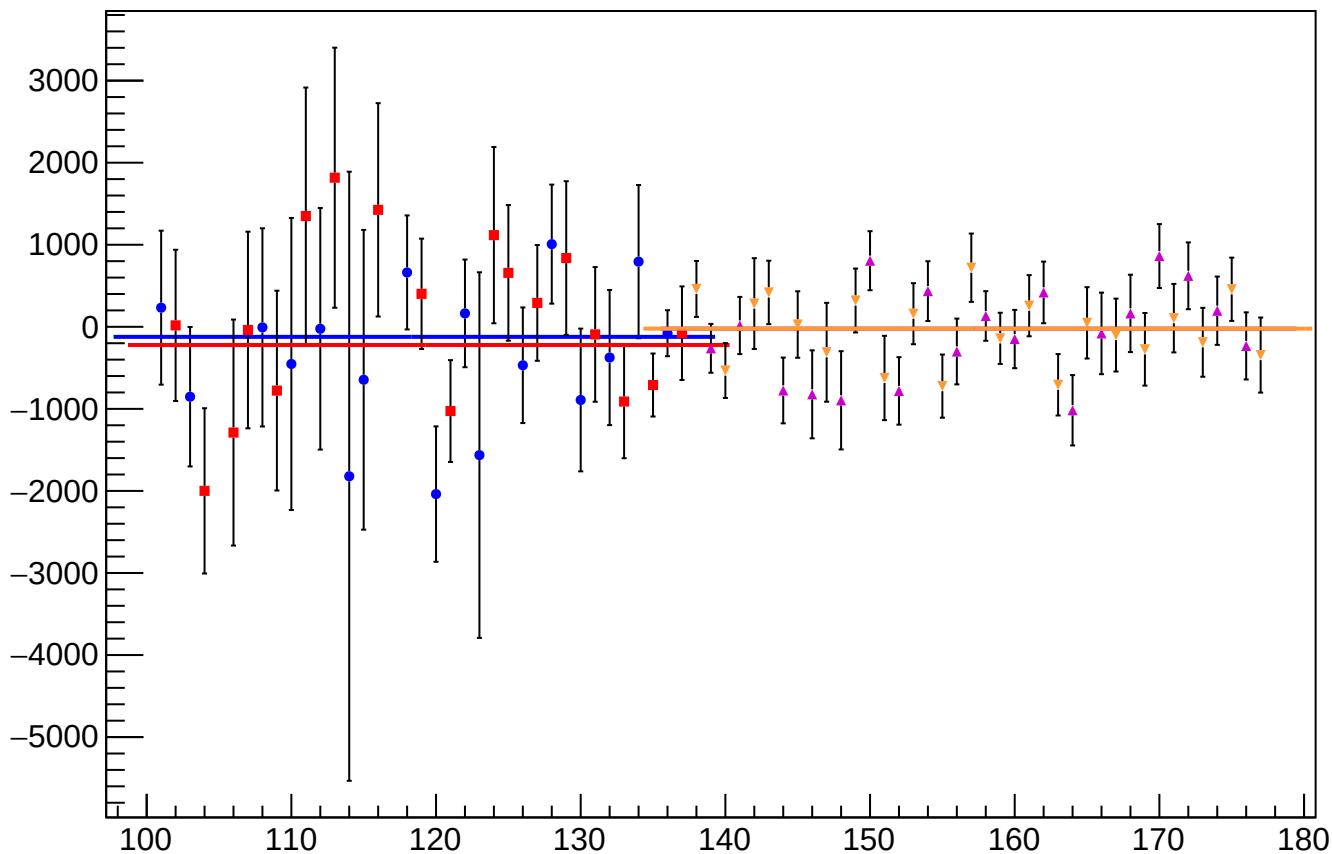
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.066 $\pm$ 0.013 χ^2 /NDF: 1032736.8/35

Out: 82.722 $\pm$ 0.012 χ^2 /NDF: 1114796.6/38

All: 82.888 $\pm$ 0.009 χ^2 /NDF: 2147908.2/74

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -22.325 $\pm$ 87.887 χ^2 /NDF:21.8/20

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -21.991 $\pm$ 89.882 χ^2 /NDF:34.9/18

Left: -22.161 $\pm$ 62.839 χ^2 /NDF: 56.7/39

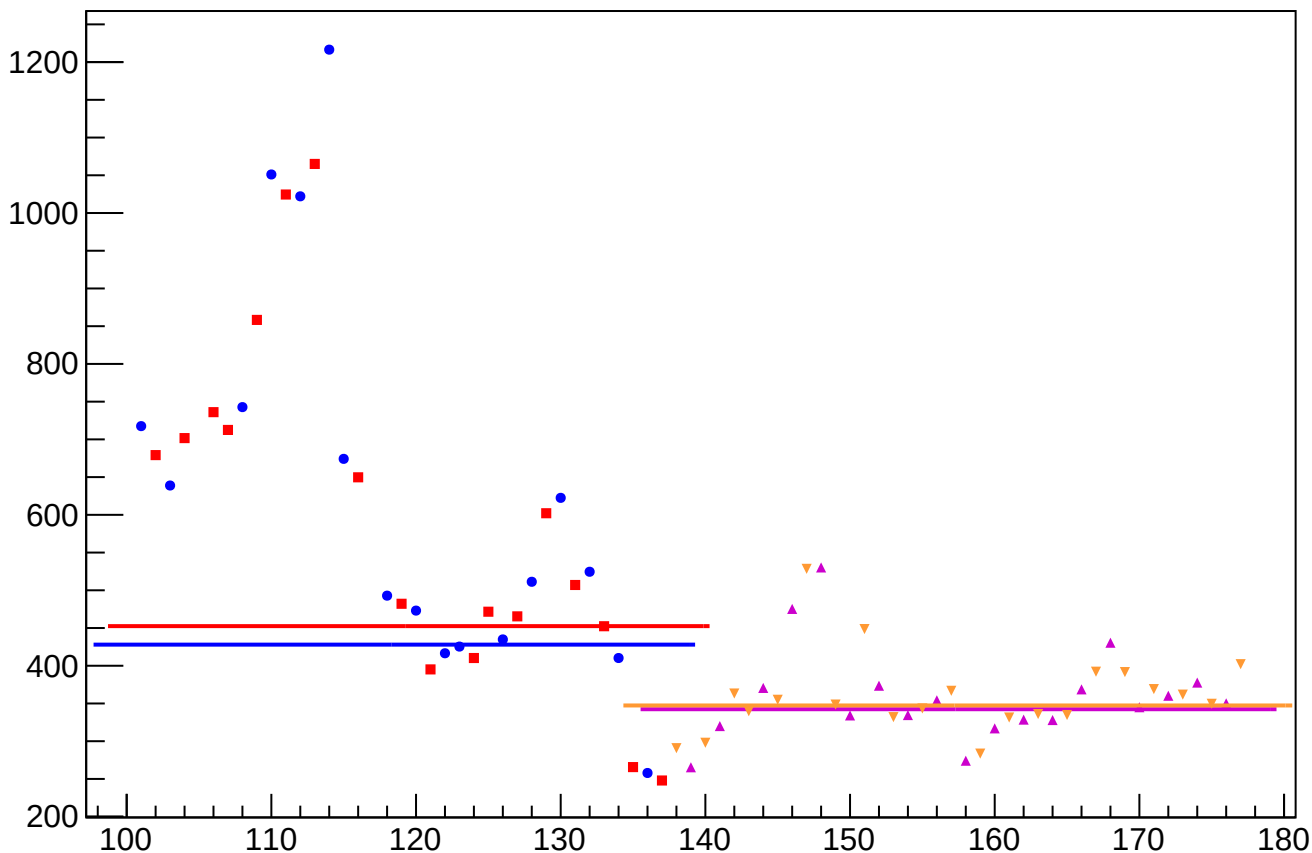
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -42.106 $\pm$ 80.377 χ^2 /NDF:48.1/35

Out: -58.972 $\pm$ 79.392 χ^2 /NDF:40.8/38

All: -50.643 $\pm$ 56.484 χ^2 /NDF: 88.9/74

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 347.363 $\pm$ 0.062 χ^2 /NDF:535604.3/20

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 342.389 $\pm$ 0.064 χ^2 /NDF:698599.7/18

Left: 344.932 $\pm$ 0.044 χ^2 /NDF: 1237335.1/39

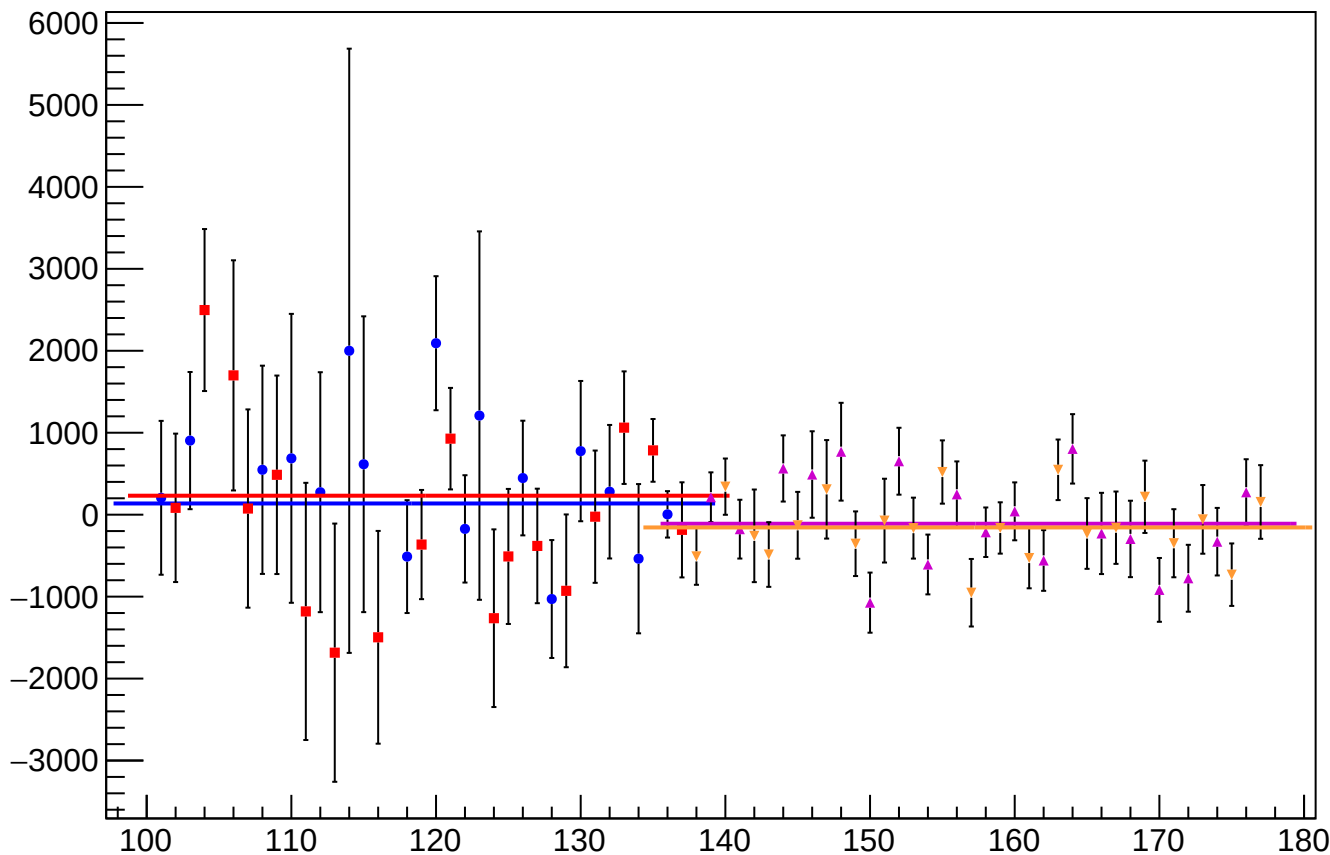
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 359.535 $\pm$ 0.057 χ^2 /NDF:3124184.5/35

Out: 366.706 $\pm$ 0.056 χ^2 /NDF:3135267.8/38

All: 363.165 $\pm$ 0.040 χ^2 /NDF: 6267510.5/74

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -155.807 $\pm$ 88.032 χ^2/NDF : 20.0/20

Right Out: 231.586 $\pm$ 184.578 χ^2/NDF : 21.8/17

Left In: -110.568 $\pm$ 90.001 χ^2/NDF : 35.2/18

Left: -133.688 $\pm$ 62.933 χ^2/NDF : 55.4/39

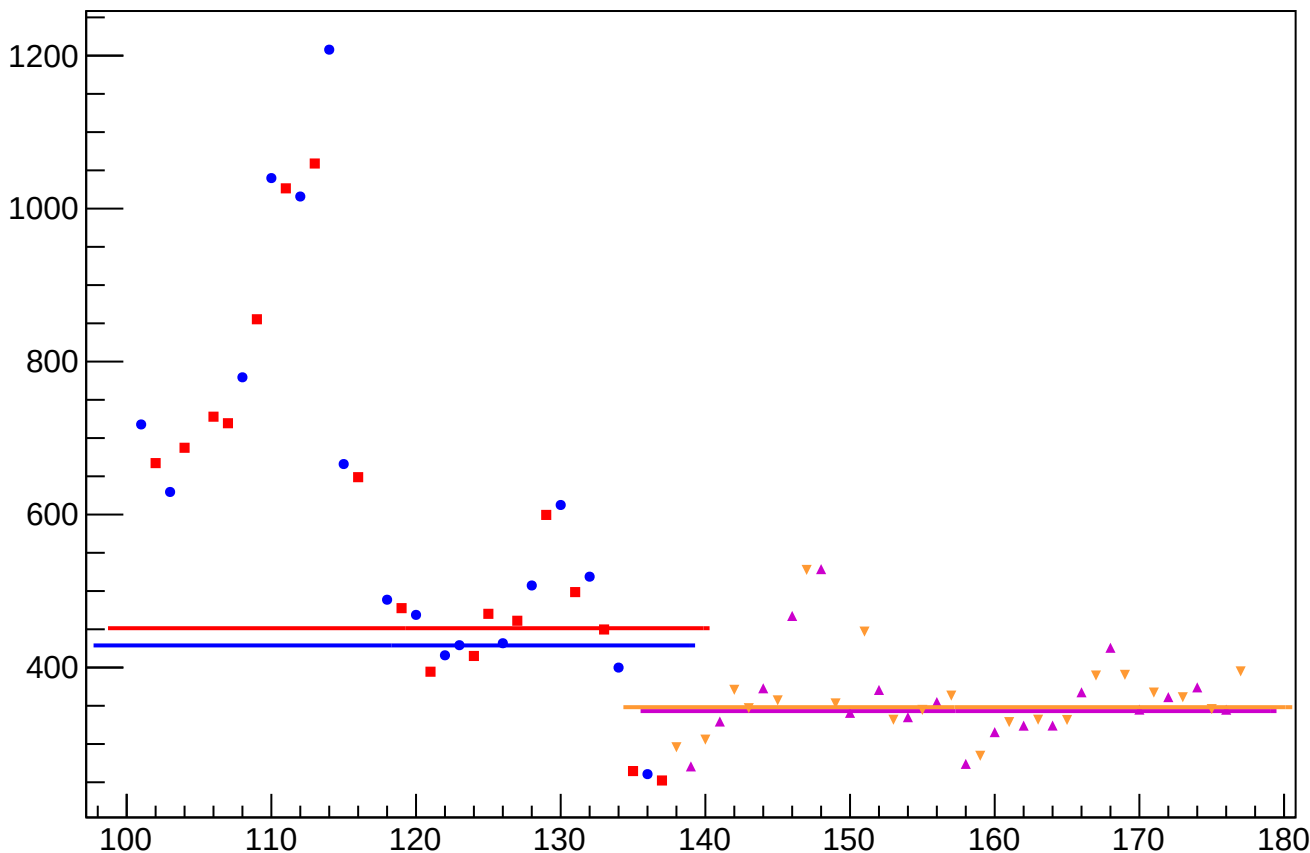
Right: 182.905 $\pm$ 128.724 χ^2/NDF : 34.5/34

In: -60.919 $\pm$ 80.464 χ^2/NDF : 49.4/35

Out: -84.018 $\pm$ 79.458 χ^2/NDF : 45.3/38

All: -72.614 $\pm$ 56.538 χ^2/NDF : 94.8/74

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 348.166+/-0.062 χ^2/NDF : 499178.8/20

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 343.056+/-0.064 χ^2/NDF : 653022.3/18

Left: 345.668+/-0.045 χ^2/NDF : 1155496.4/39

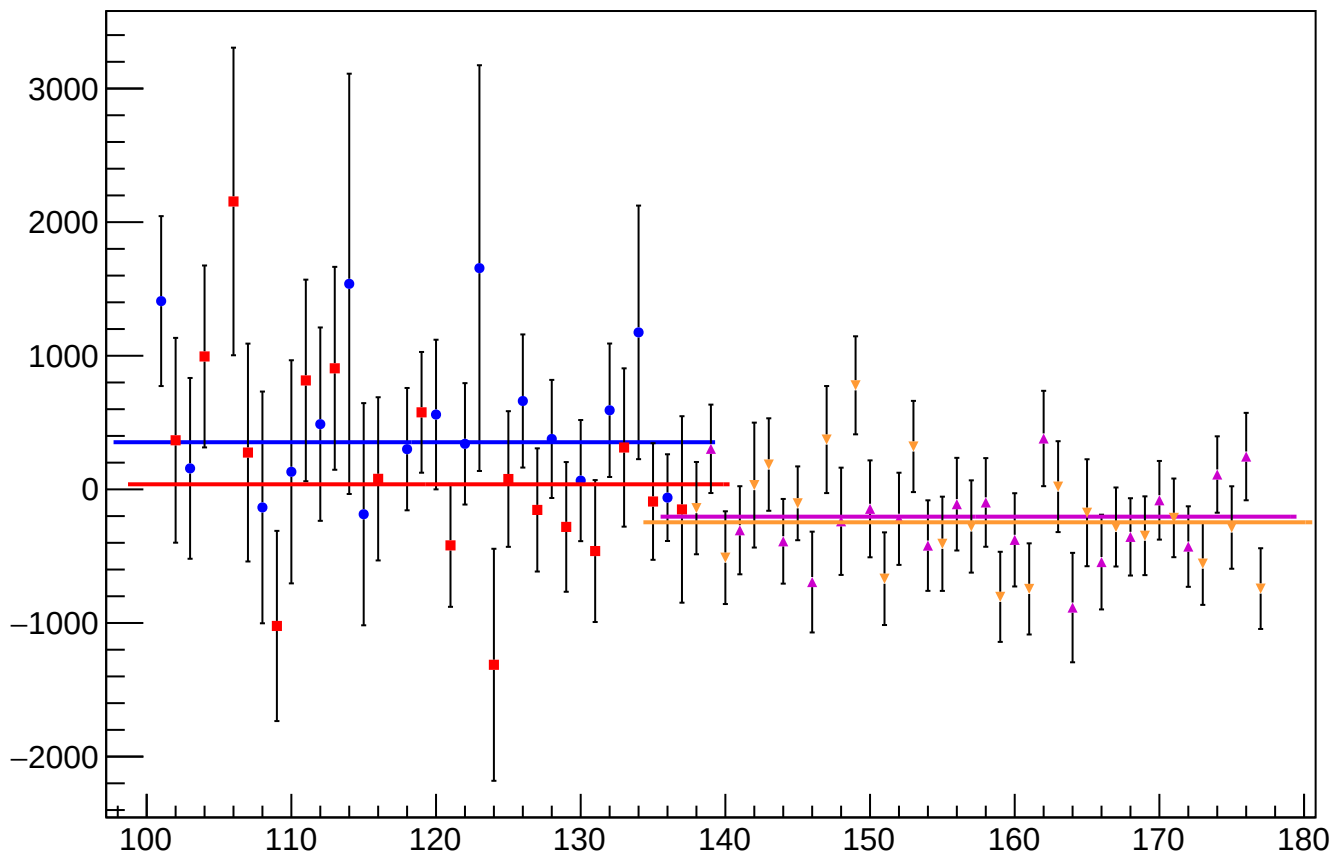
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.283+/-0.057 χ^2/NDF : 3028701.2/35

Out: 367.299+/-0.056 χ^2/NDF : 3039713.9/38

All: 363.835+/-0.040 χ^2/NDF : 6076114.0/74

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -246.377 $\pm$ 72.858 χ^2/NDF :26.9/20

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -204.304 $\pm$ 76.764 χ^2/NDF :15.8/18

Left: -226.438 $\pm$ 52.845 χ^2/NDF : 42.9/39

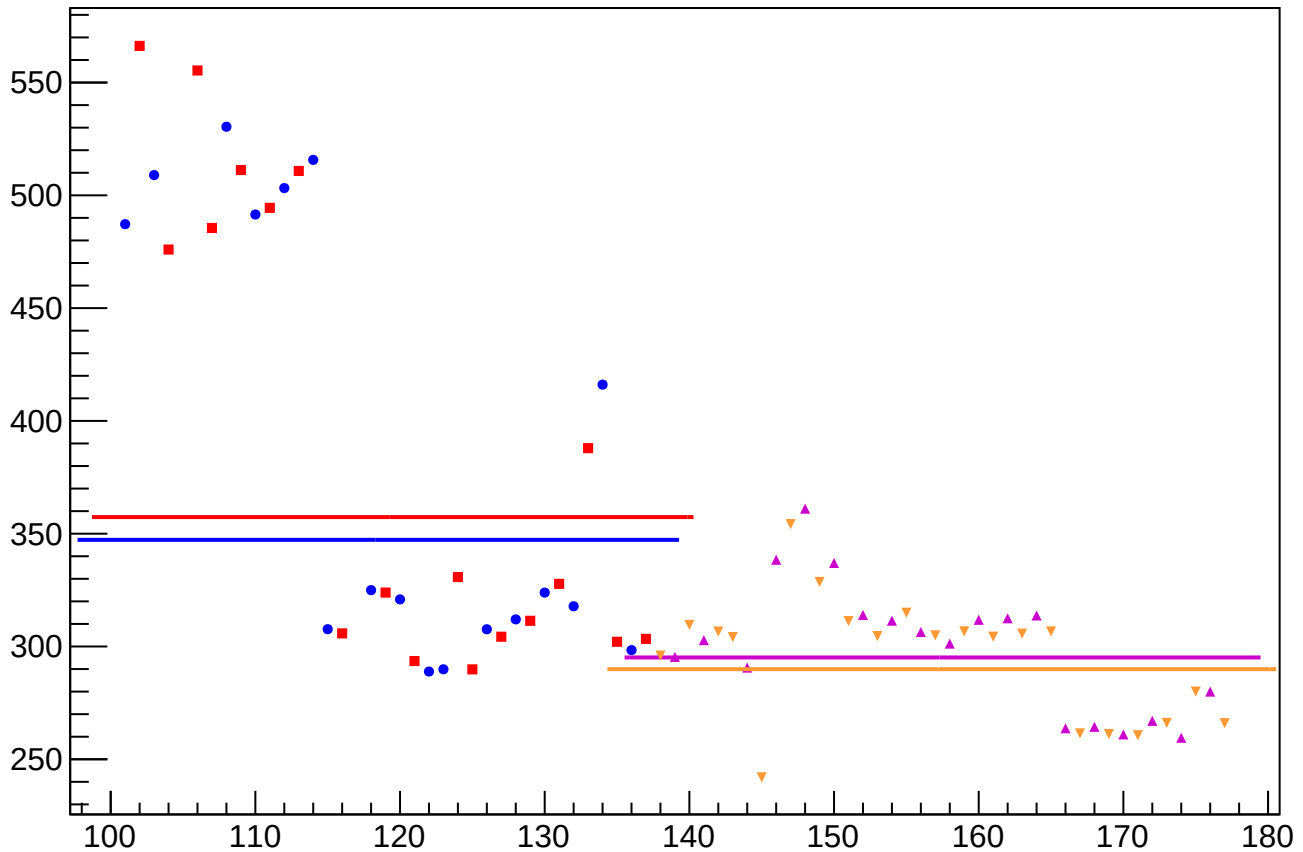
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -71.599 $\pm$ 67.002 χ^2/NDF :36.9/35

Out: -185.106 $\pm$ 64.533 χ^2/NDF :47.1/38

All: -130.483 $\pm$ 46.480 χ^2/NDF : 85.5/74

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 289.941+/-0.052 χ^2/NDF : 272281.7/20

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 295.133+/-0.054 χ^2/NDF : 253208.8/18

Left: 292.402+/-0.037 χ^2/NDF : 530302.7/39

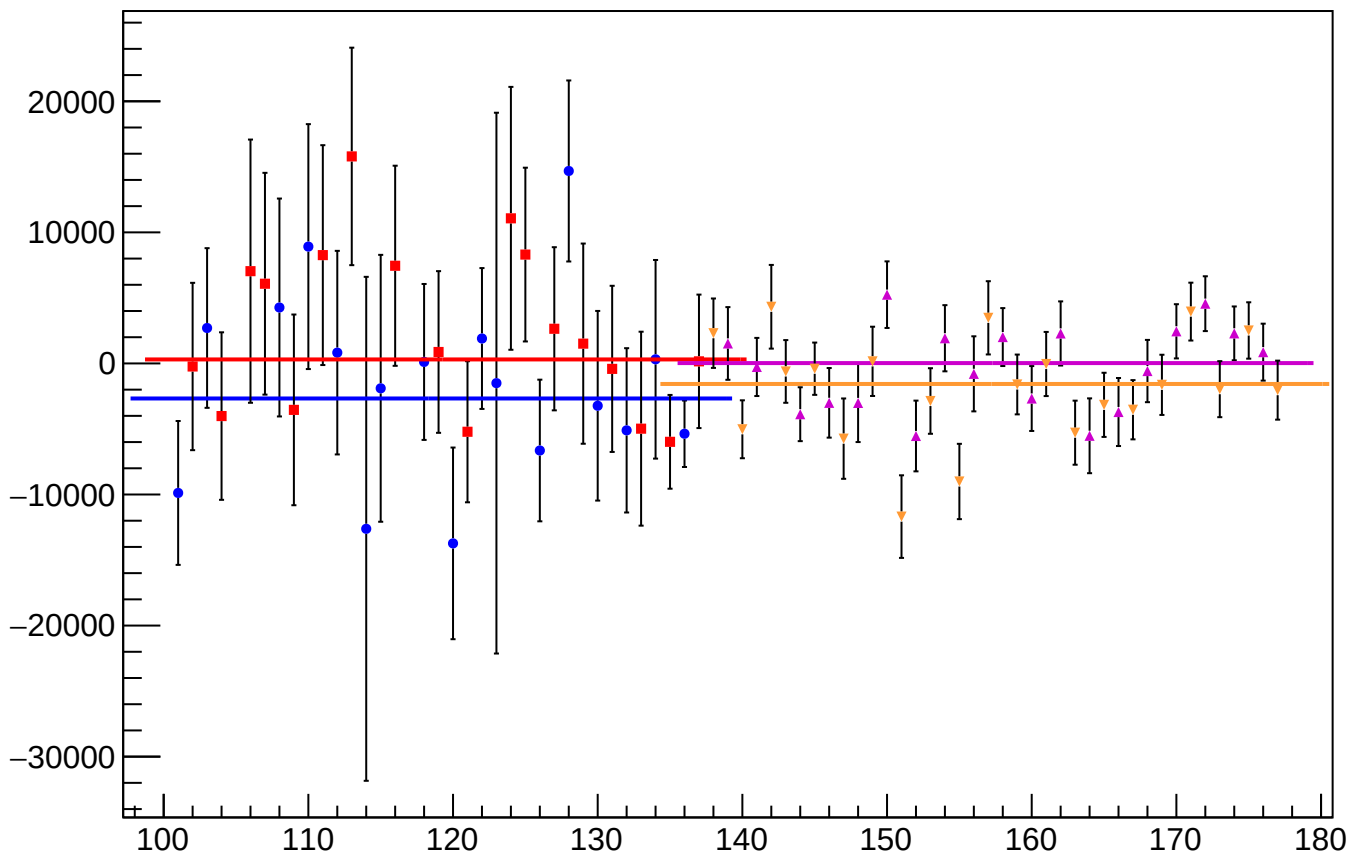
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 307.552+/-0.047 χ^2/NDF : 1091915.9/35

Out: 304.469+/-0.046 χ^2/NDF : 1401270.1/38

All: 305.952+/-0.033 χ^2/NDF : 2495381.9/74

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1567.136 $\pm$ 530.905 χ^2/NDF : 45.1/20

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: 26.595 $\pm$ 551.281 χ^2/NDF : 31.6/18

Left: -800.266 $\pm$ 382.407 χ^2/NDF : 81.0/39

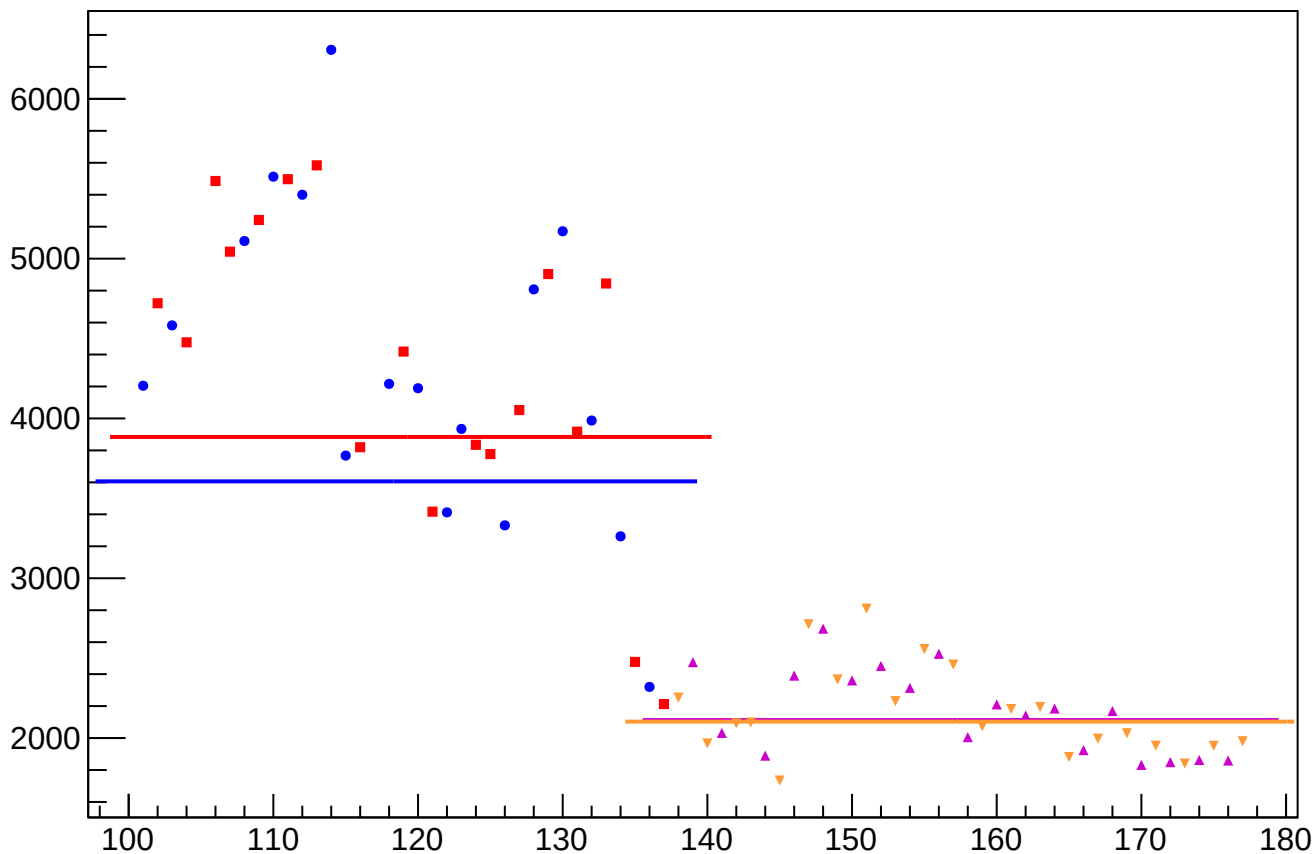
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -311.942 $\pm$ 515.571 χ^2/NDF : 51.3/35

Out: -1363.077 $\pm$ 501.134 χ^2/NDF : 60.9/38

All: -852.433 $\pm$ 359.351 χ^2/NDF : 114.3/74

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2102.635+/-0.375 χ^2/NDF : 453557.2/20

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2112.549+/-0.390 χ^2/NDF : 407294.9/18

Left: 2107.405+/-0.270 χ^2/NDF : 861187.6/39

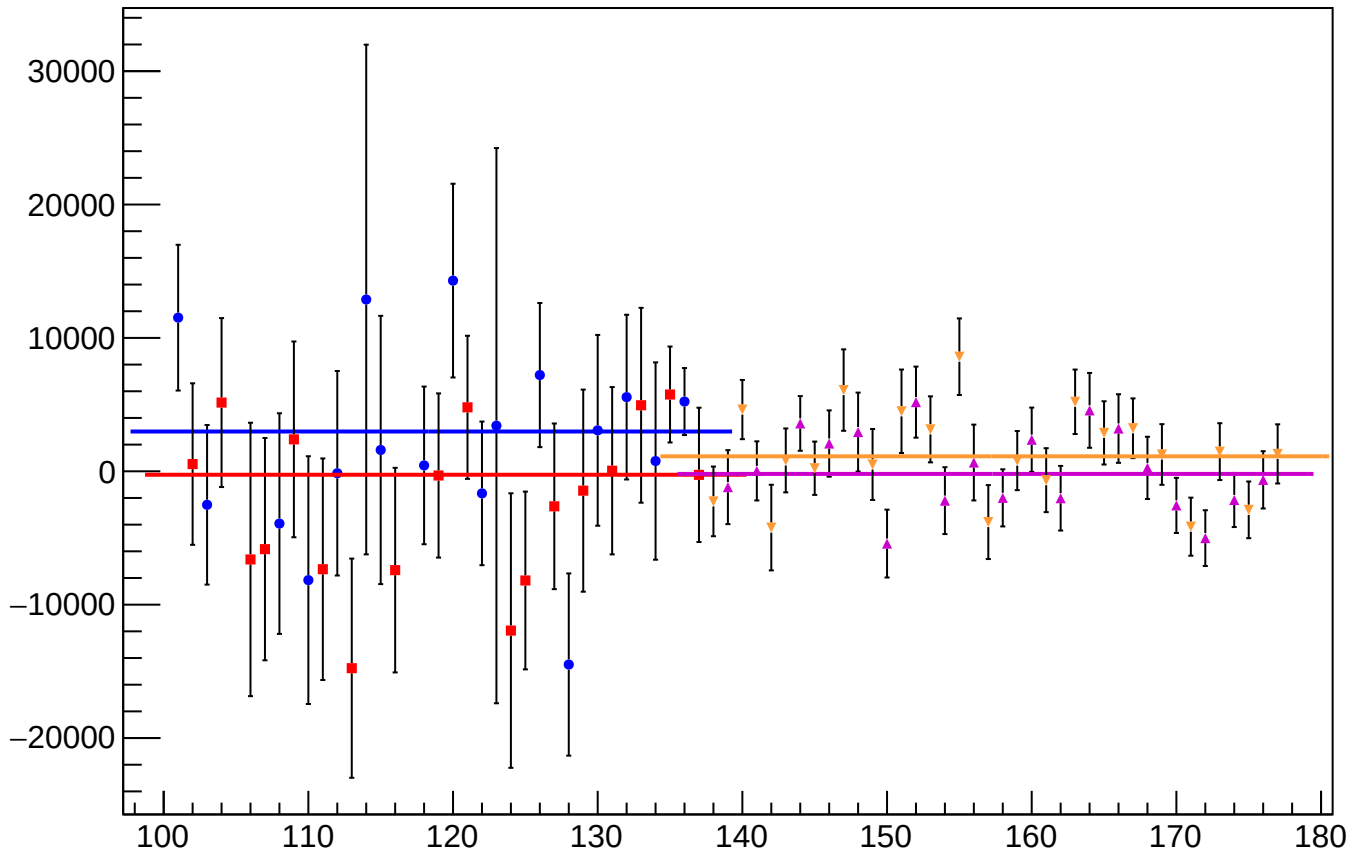
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2299.806+/-0.365 χ^2/NDF : 3340659.4/35

Out: 2296.840+/-0.354 χ^2/NDF : 3903181.1/38

All: 2298.281+/-0.254 χ^2/NDF : 7243874.5/74

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 ± 1443.630 χ^2/NDF : 17.4/16

Left Out: 1122.634 ± 526.201 χ^2/NDF : 36.0/20

Right Out: -259.721 ± 1510.344 χ^2/NDF : 13.5/17

Left In: -196.919 ± 544.599 χ^2/NDF : 29.2/18

Left: 485.523 ± 378.417 χ^2/NDF : 68.2/39

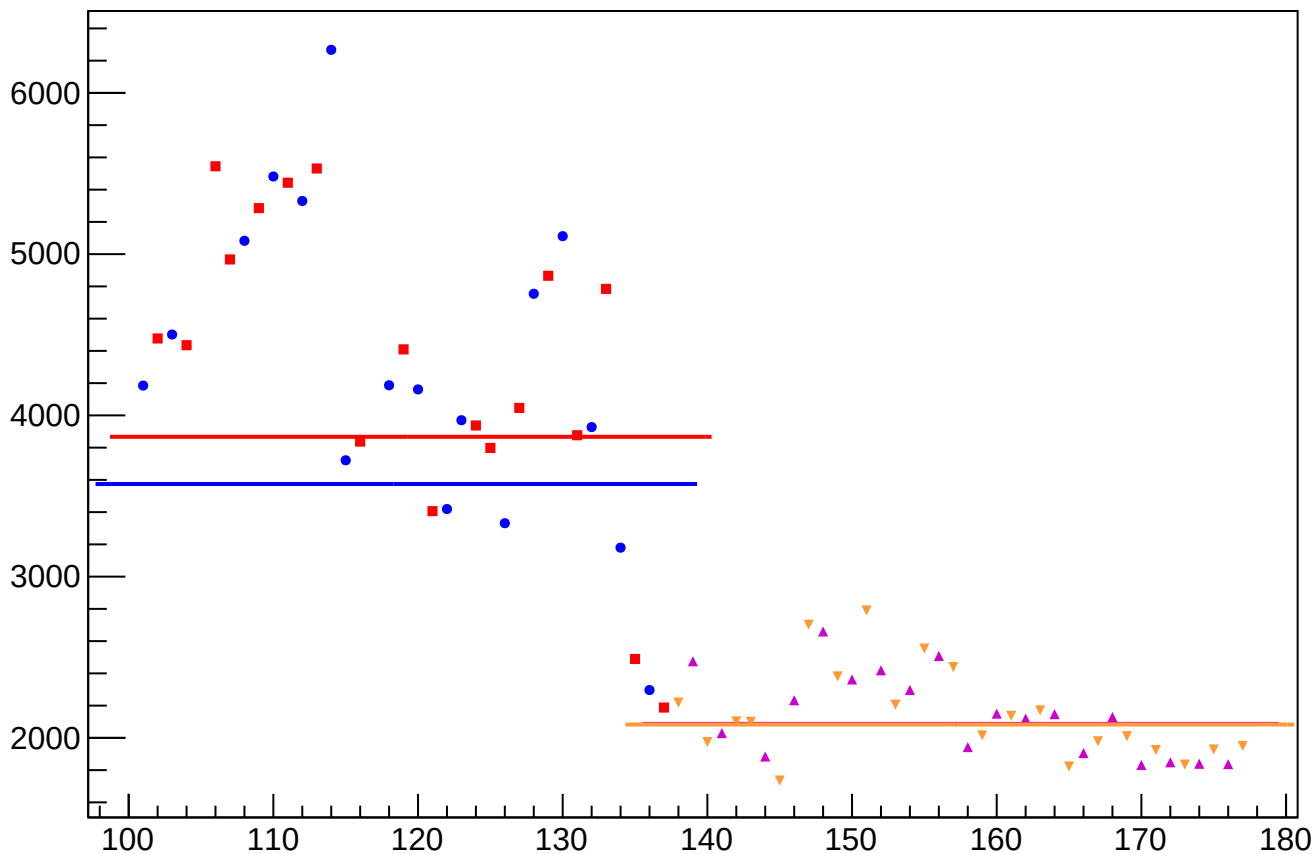
Right: 1435.156 ± 1043.589 χ^2/NDF : 33.3/34

In: 199.320 ± 509.547 χ^2/NDF : 50.9/35

Out: 973.005 ± 496.907 χ^2/NDF : 50.2/38

All: 595.877 ± 355.751 χ^2/NDF : 102.3/74

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2082.825 $\pm$ 0.372 χ^2 /NDF: 463882.7/20

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2086.796 $\pm$ 0.385 χ^2 /NDF: 389937.1/18

Left: 2084.743 $\pm$ 0.268 χ^2 /NDF: 853874.8/39

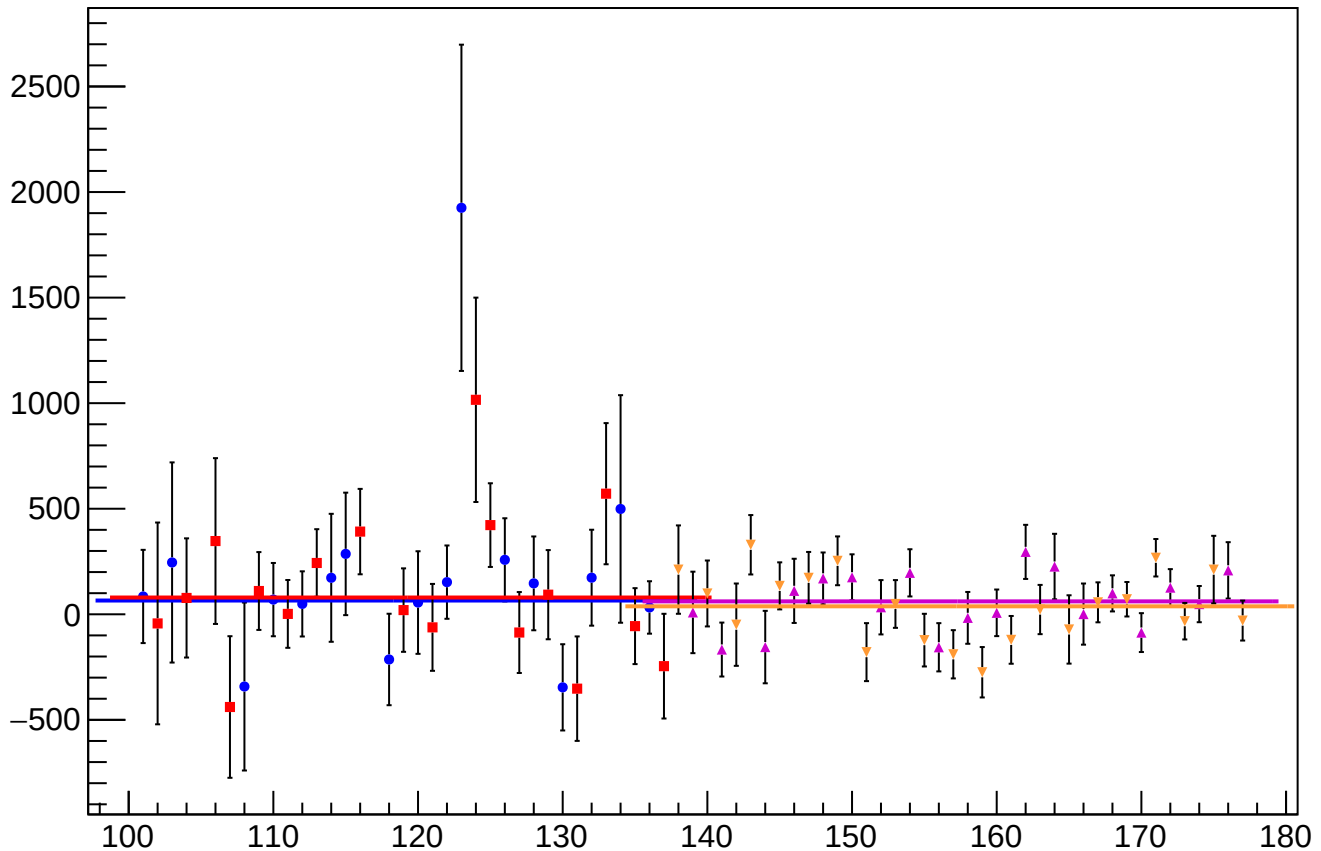
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2272.121 $\pm$ 0.360 χ^2 /NDF: 3340315.8/35

Out: 2275.974 $\pm$ 0.351 χ^2 /NDF: 3921522.4/38

All: 2274.096 $\pm$ 0.252 χ^2 /NDF: 7261896.8/74

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 37.771 $\pm$ 25.254 χ^2 /NDF: 37.5/20

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 61.238 $\pm$ 26.641 χ^2 /NDF: 21.8/18

Left: 48.878 $\pm$ 18.328 χ^2 /NDF: 59.7/39

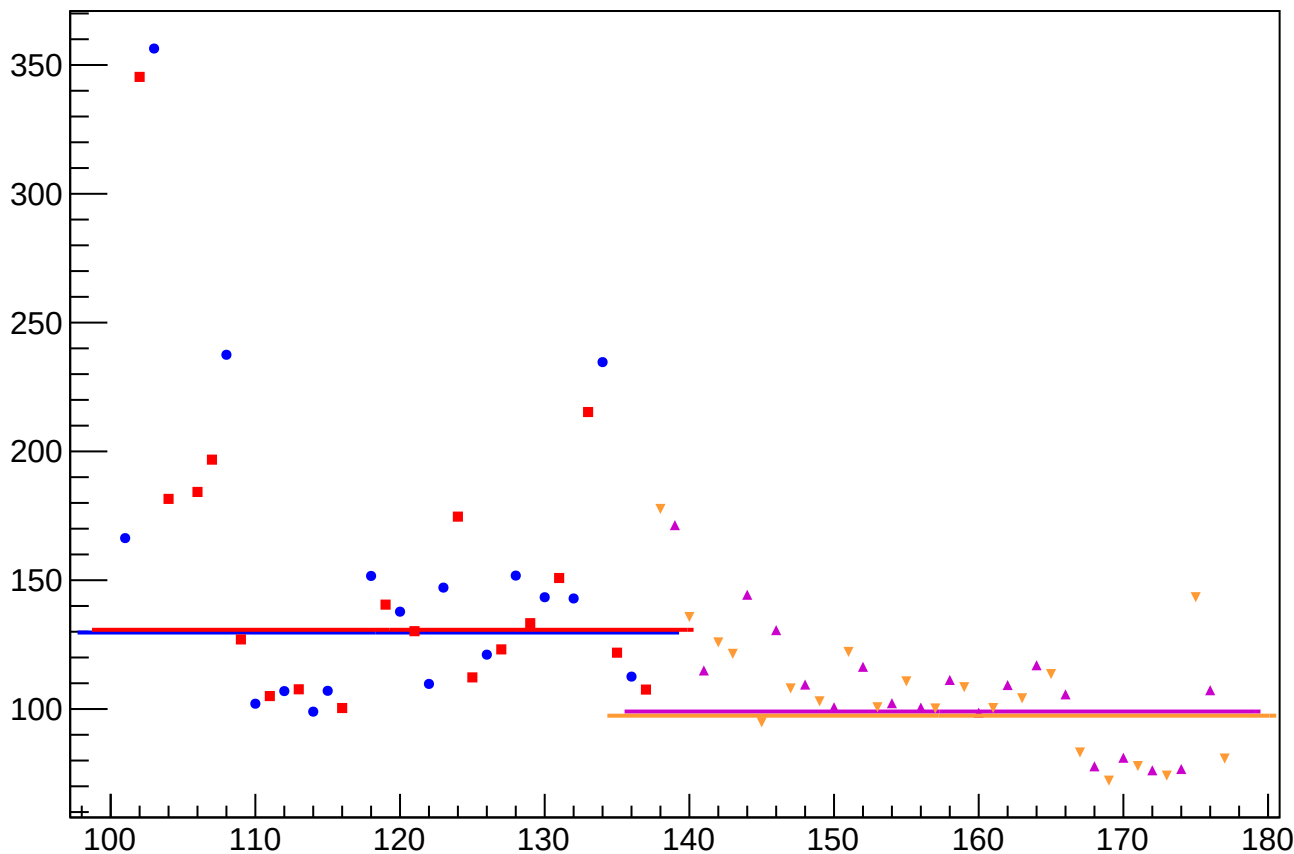
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 62.049 $\pm$ 23.776 χ^2 /NDF: 37.6/35

Out: 45.645 $\pm$ 22.745 χ^2 /NDF: 60.1/38

All: 53.484 $\pm$ 16.435 χ^2 /NDF: 97.9/74

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697+/-0.037 χ^2/NDF : 989682.4/16

Left Out: 97.411+/-0.018 χ^2/NDF :1376976.5/20

Right Out: 130.751+/-0.037 χ^2/NDF : 927534.3/17

Left In: 99.024+/-0.019 χ^2/NDF :1133847.9/18

Left: 98.174+/-0.013 χ^2/NDF : 2514688.6/39

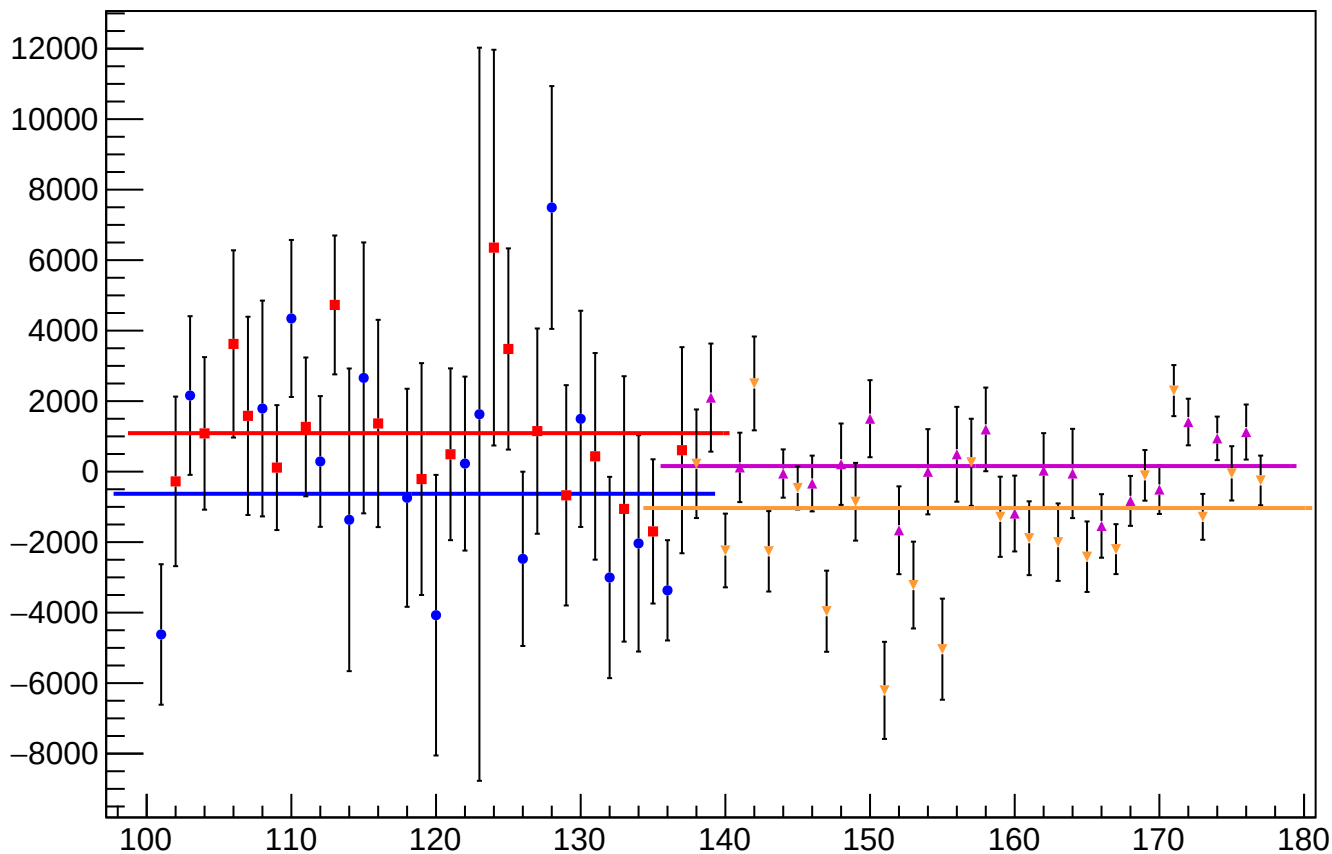
Right: 130.228+/-0.026 χ^2/NDF : 1917619.9/34

In: 105.267+/-0.017 χ^2/NDF :2663121.8/35

Out: 103.706+/-0.016 χ^2/NDF :2962725.7/38

All: 104.452+/-0.012 χ^2/NDF : 5630349.7/74

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1033.076+/-201.340 χ^2/NDF : 75.7/20

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 157.702+/-205.858 χ^2/NDF : 21.3/18

Left: -450.897+/-143.940 χ^2/NDF : 114.1/39

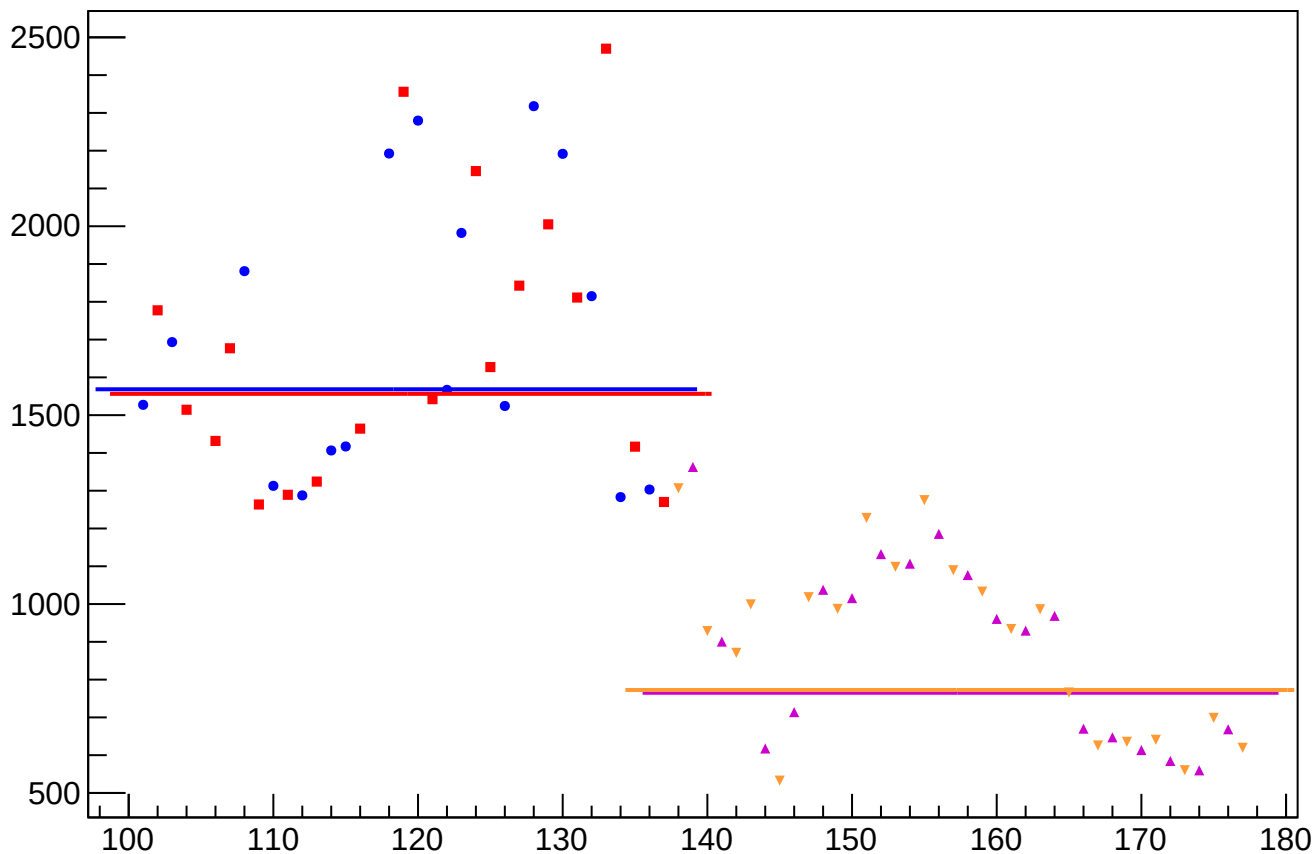
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: 80.004+/-195.417 χ^2/NDF : 47.1/35

Out: -817.672+/-190.863 χ^2/NDF : 96.3/38

All: -379.415+/-136.542 χ^2/NDF : 154.2/74

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 772.479 $\pm$ 0.142 χ^2 /NDF: 2364662.8/20

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 765.167 $\pm$ 0.146 χ^2 /NDF: 2066643.1/18

Left: 768.904 $\pm$ 0.102 χ^2 /NDF: 4432595.5/39

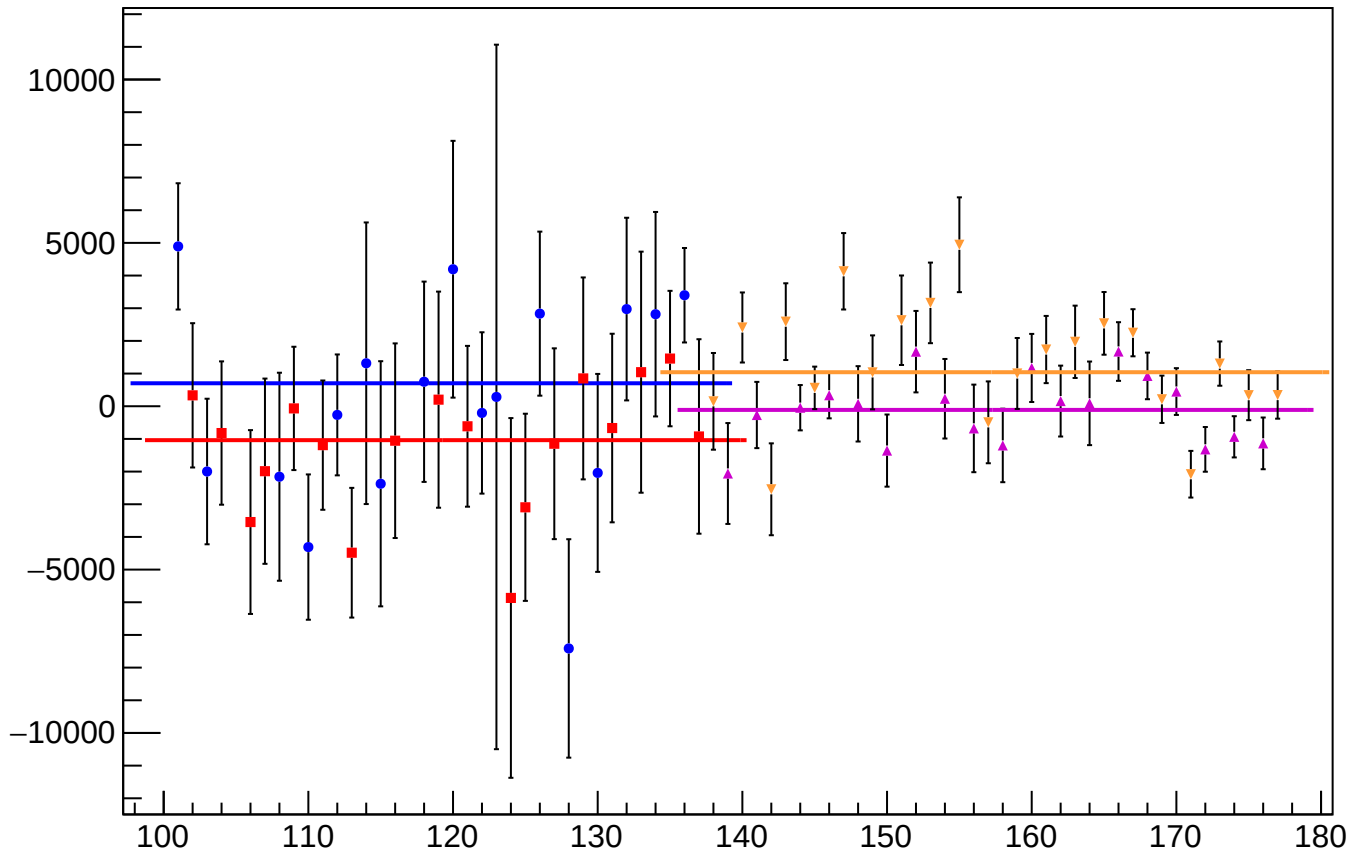
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 844.590 $\pm$ 0.138 χ^2 /NDF: 5611934.5/35

Out: 851.944 $\pm$ 0.135 χ^2 /NDF: 5948594.4/38

All: 848.354 $\pm$ 0.097 χ^2 /NDF: 11561978.5/74

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1041.468+/-204.028 χ^2/NDF : 59.5/20

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -112.207+/-206.337 χ^2/NDF : 21.4/18

Left: 471.120+/-145.079 χ^2/NDF : 96.7/39

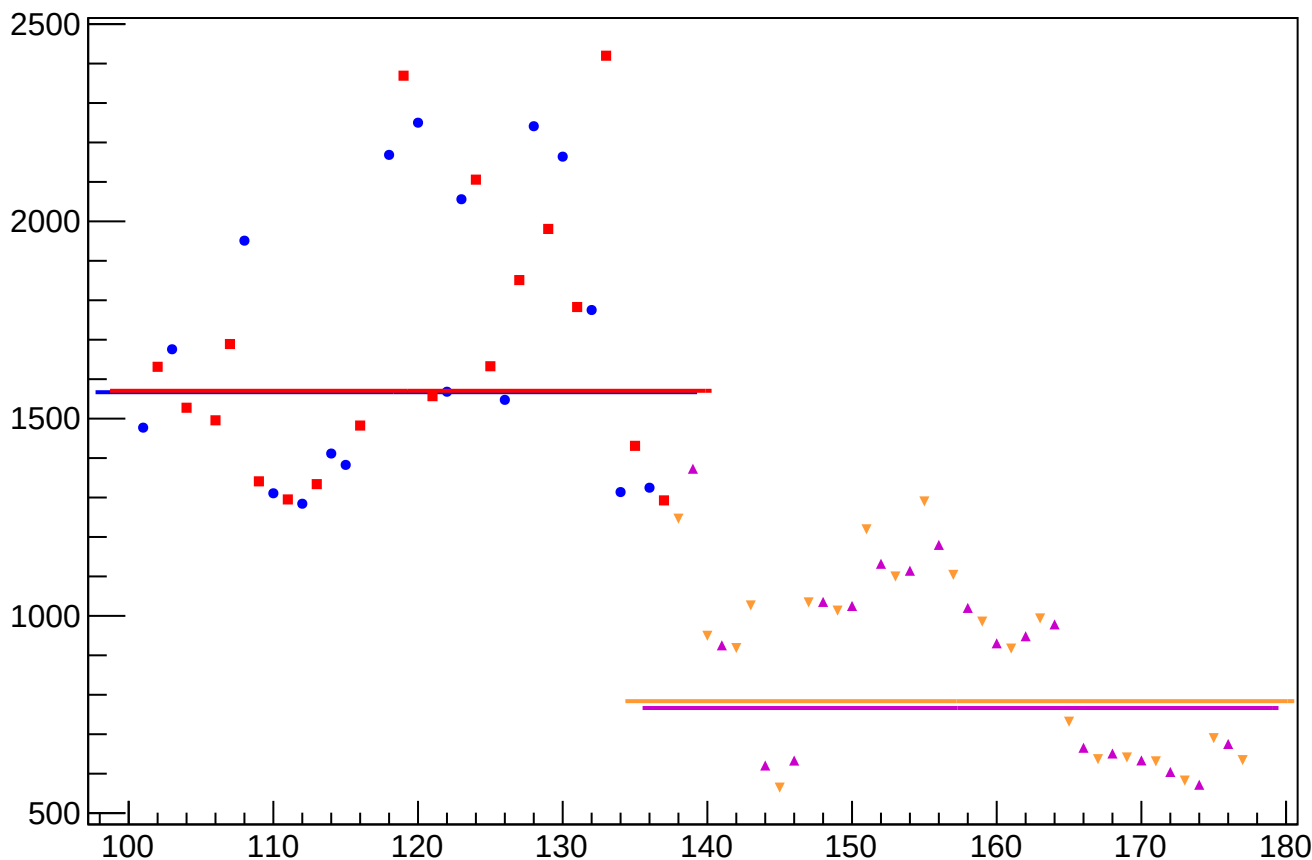
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: -31.061+/-195.799 χ^2/NDF : 48.9/35

Out: 828.606+/-193.306 χ^2/NDF : 78.4/38

All: 404.280+/-137.561 χ^2/NDF : 137.0/74

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 783.796 $\pm$ 0.144 χ^2 /NDF: 2180047.2/20

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 766.438 $\pm$ 0.146 χ^2 /NDF: 1998833.6/18

Left: 775.215 $\pm$ 0.103 χ^2 /NDF: 4186037.4/39

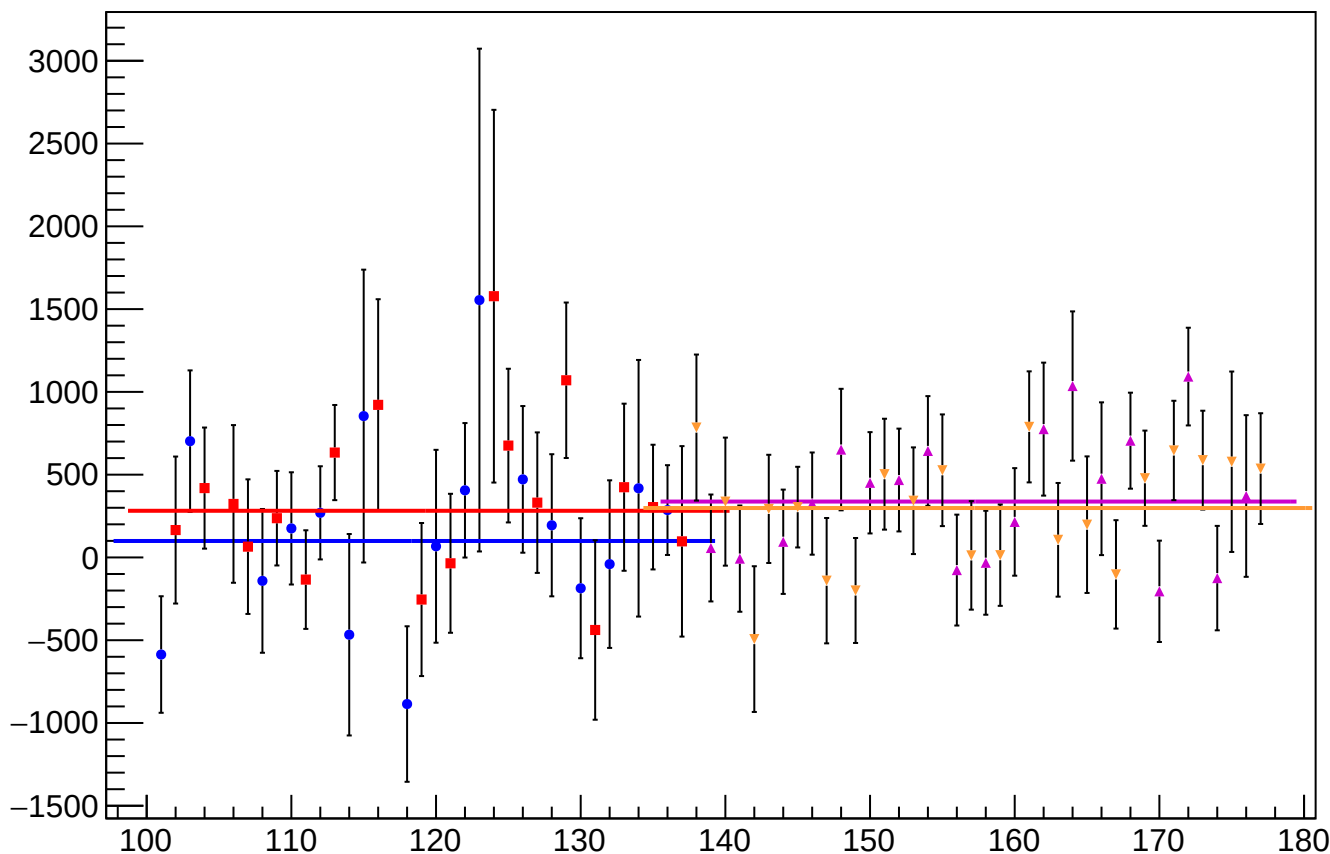
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 846.115 $\pm$ 0.138 χ^2 /NDF: 5494867.2/35

Out: 864.315 $\pm$ 0.137 χ^2 /NDF: 5662880.8/38

All: 855.331 $\pm$ 0.097 χ^2 /NDF: 11166498.6/74

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 298.449 $\pm$ 73.179 χ^2/NDF :18.2/20

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 337.564 $\pm$ 76.671 χ^2/NDF :24.6/18

Left: 317.095 $\pm$ 52.937 χ^2/NDF : 42.9/39

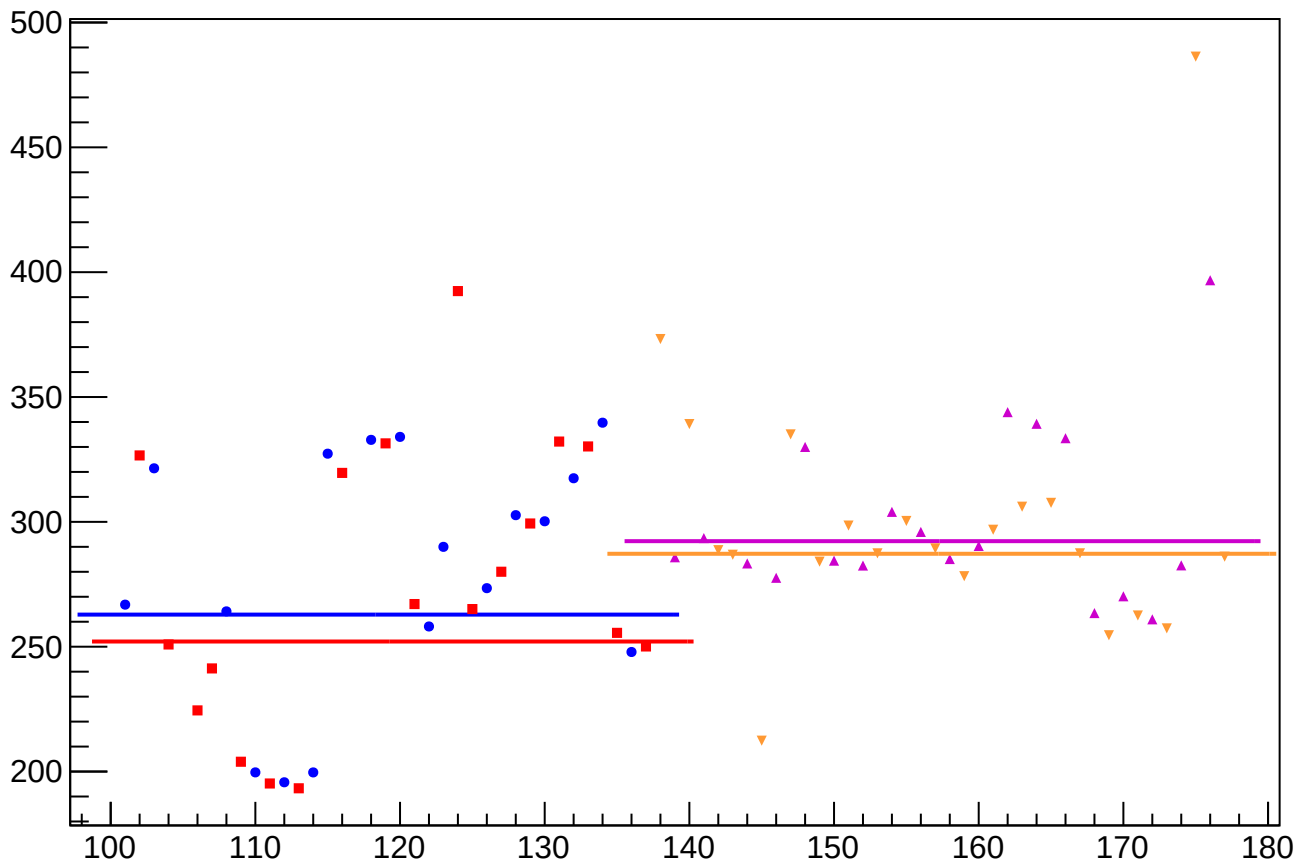
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 253.134 $\pm$ 61.601 χ^2/NDF :43.9/35

Out: 292.490 $\pm$ 58.610 χ^2/NDF :31.9/38

All: 273.791 $\pm$ 42.461 χ^2/NDF : 76.1/74

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.218+/-0.052 χ^2/NDF : 679148.6/20

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 292.270+/-0.054 χ^2/NDF : 252216.8/18

Left: 289.626+/-0.037 χ^2/NDF : 935909.1/39

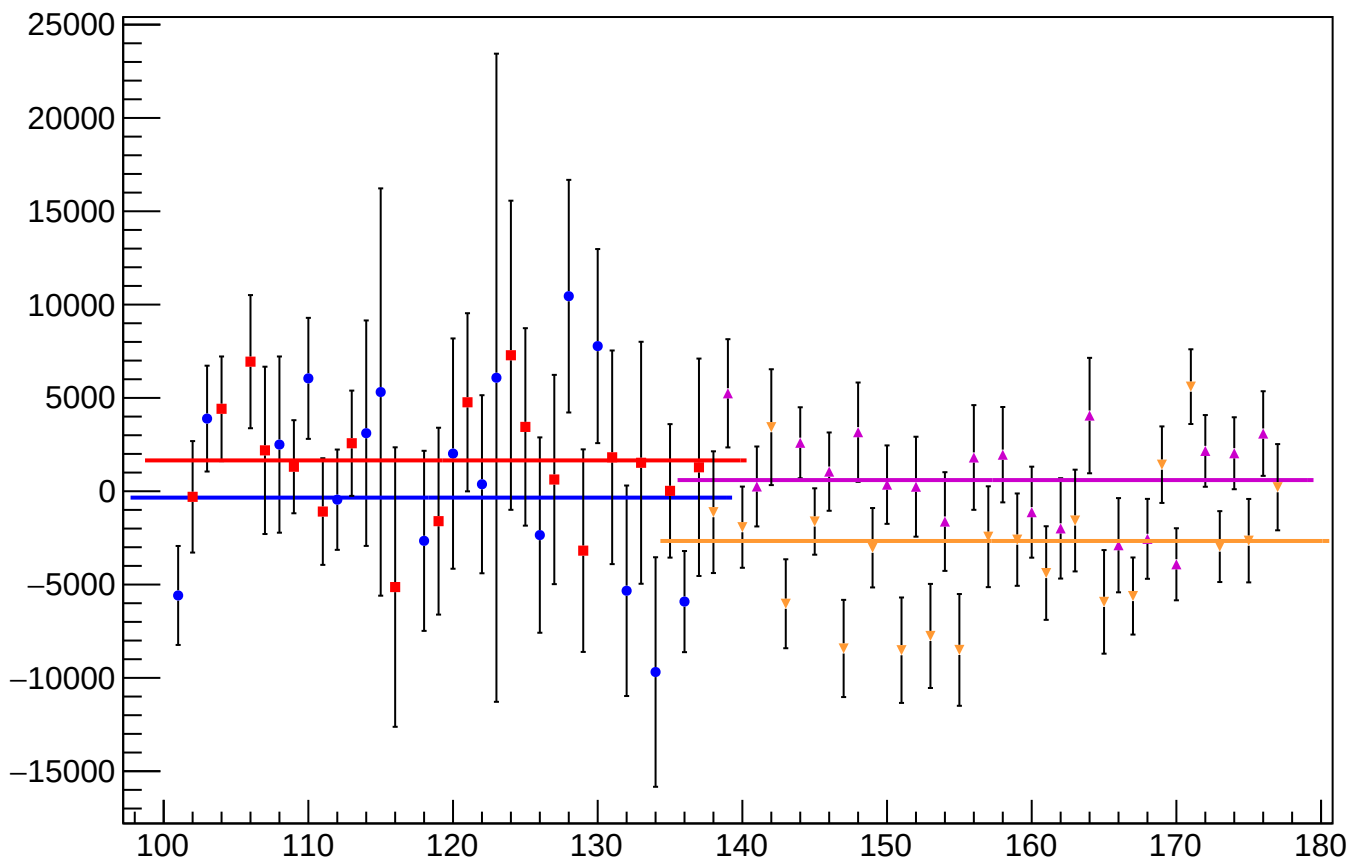
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 281.843+/-0.044 χ^2/NDF : 768254.3/35

Out: 274.619+/-0.041 χ^2/NDF : 1359634.9/38

All: 278.051+/-0.030 χ^2/NDF : 2142326.9/74

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2 /NDF: 24.4/16

Left Out: -2664.678 $\pm$ 516.702 χ^2 /NDF: 49.6/20

Right Out: 1651.954 $\pm$ 929.858 χ^2 /NDF: 7.9/17

Left In: 597.994 $\pm$ 529.980 χ^2 /NDF: 20.5/18

Left: -1074.723 $\pm$ 369.969 χ^2 /NDF: 89.5/39

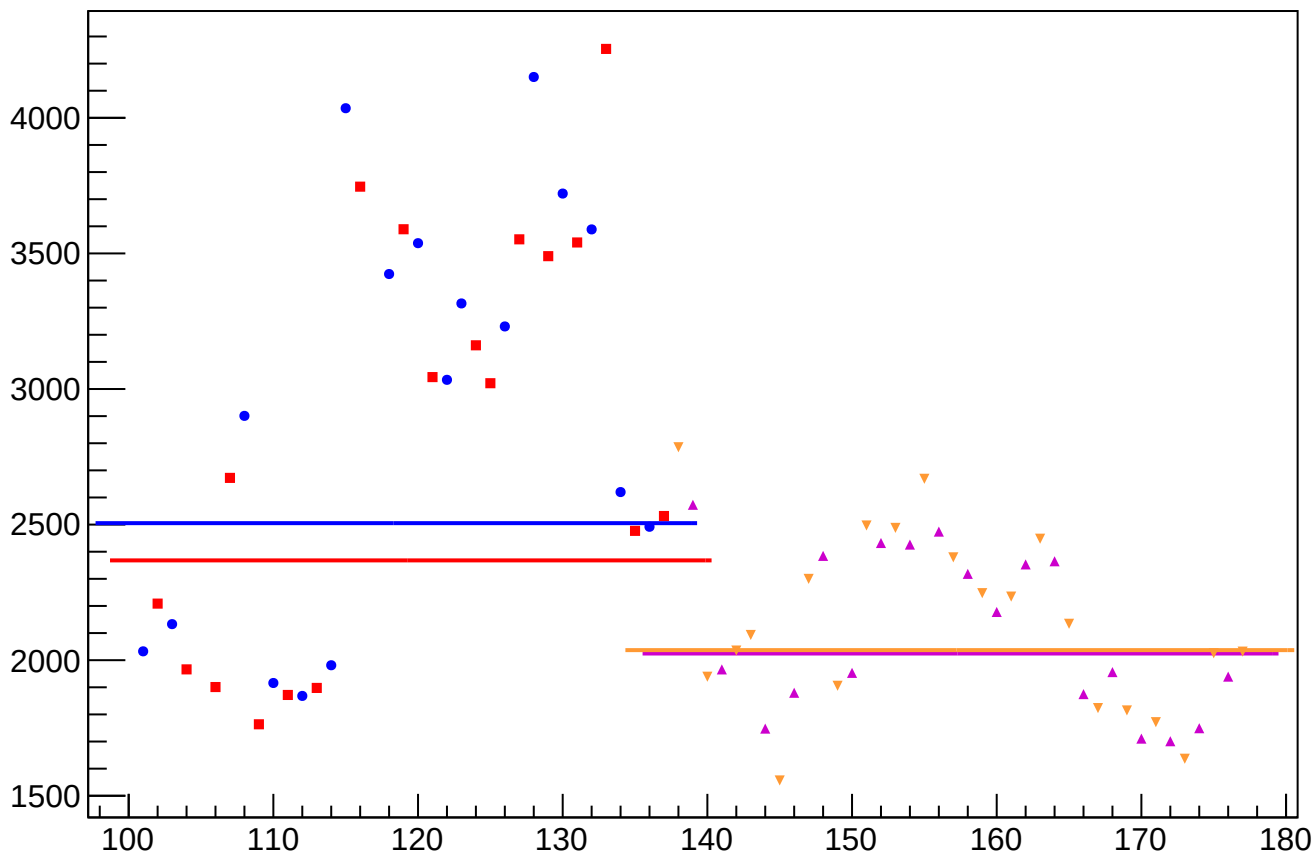
Right: 732.150 $\pm$ 682.415 χ^2 /NDF: 34.5/34

In: 393.451 $\pm$ 468.753 χ^2 /NDF: 45.6/35

Out: -1646.258 $\pm$ 451.655 χ^2 /NDF: 74.0/38

All: -664.280 $\pm$ 325.245 χ^2 /NDF: 129.4/74

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2037.073+/-0.365 χ^2/NDF : 754676.9/20

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2024.622+/-0.375 χ^2/NDF : 558495.0/18

Left: 2031.005+/-0.262 χ^2/NDF : 1313737.8/39

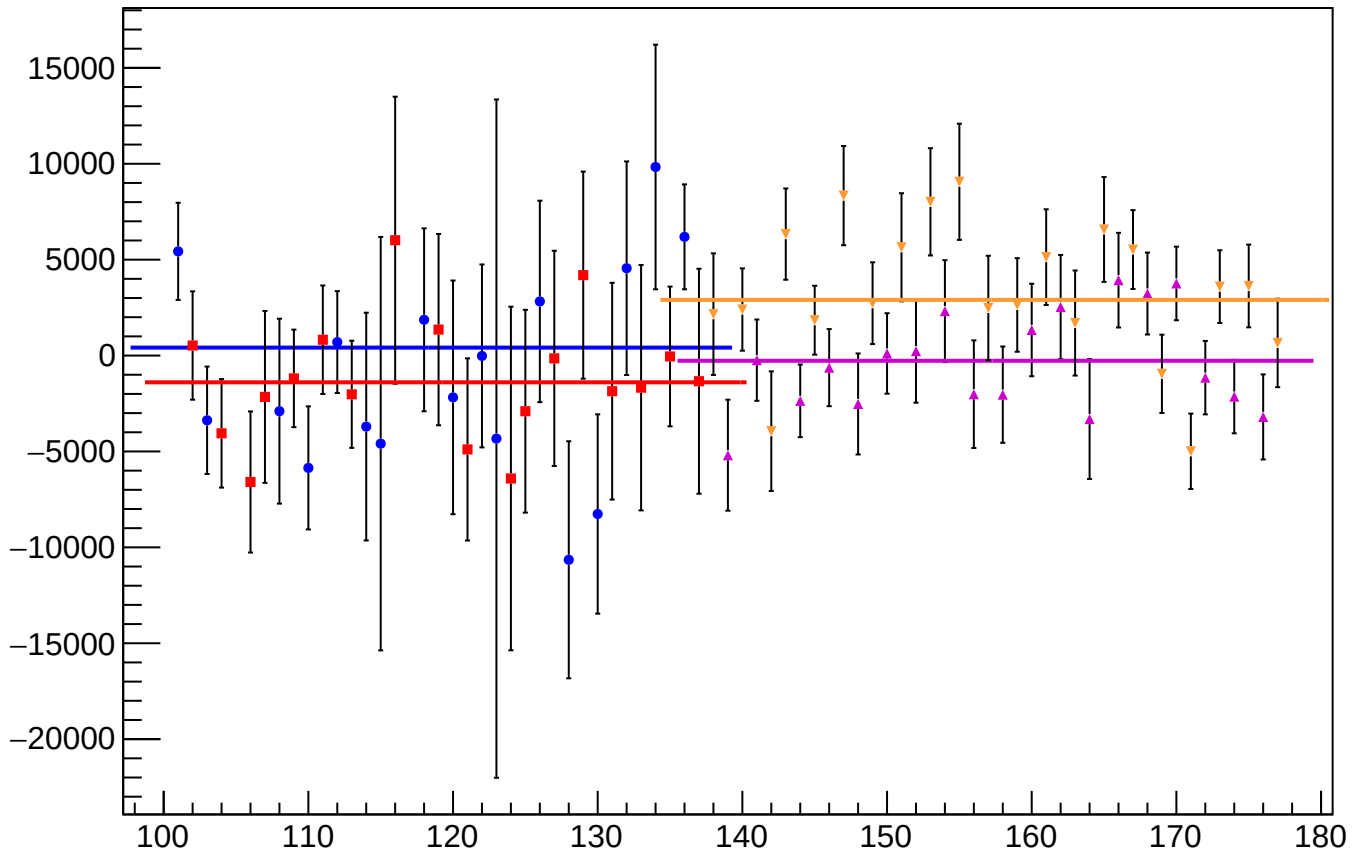
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2129.275+/-0.331 χ^2/NDF : 1780844.6/35

Out: 2115.149+/-0.319 χ^2/NDF : 1979111.0/38

All: 2121.950+/-0.230 χ^2/NDF : 3760897.4/74

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2/NDF : 24.5/16

Left Out: 2903.376 $\pm$ 513.986 χ^2/NDF : 45.5/20

Right Out: -1394.660 $\pm$ 928.996 χ^2/NDF : 7.5/17

Left In: -272.103 $\pm$ 525.640 χ^2/NDF : 22.1/18

Left: 1351.228 $\pm$ 367.494 χ^2/NDF : 86.3/39

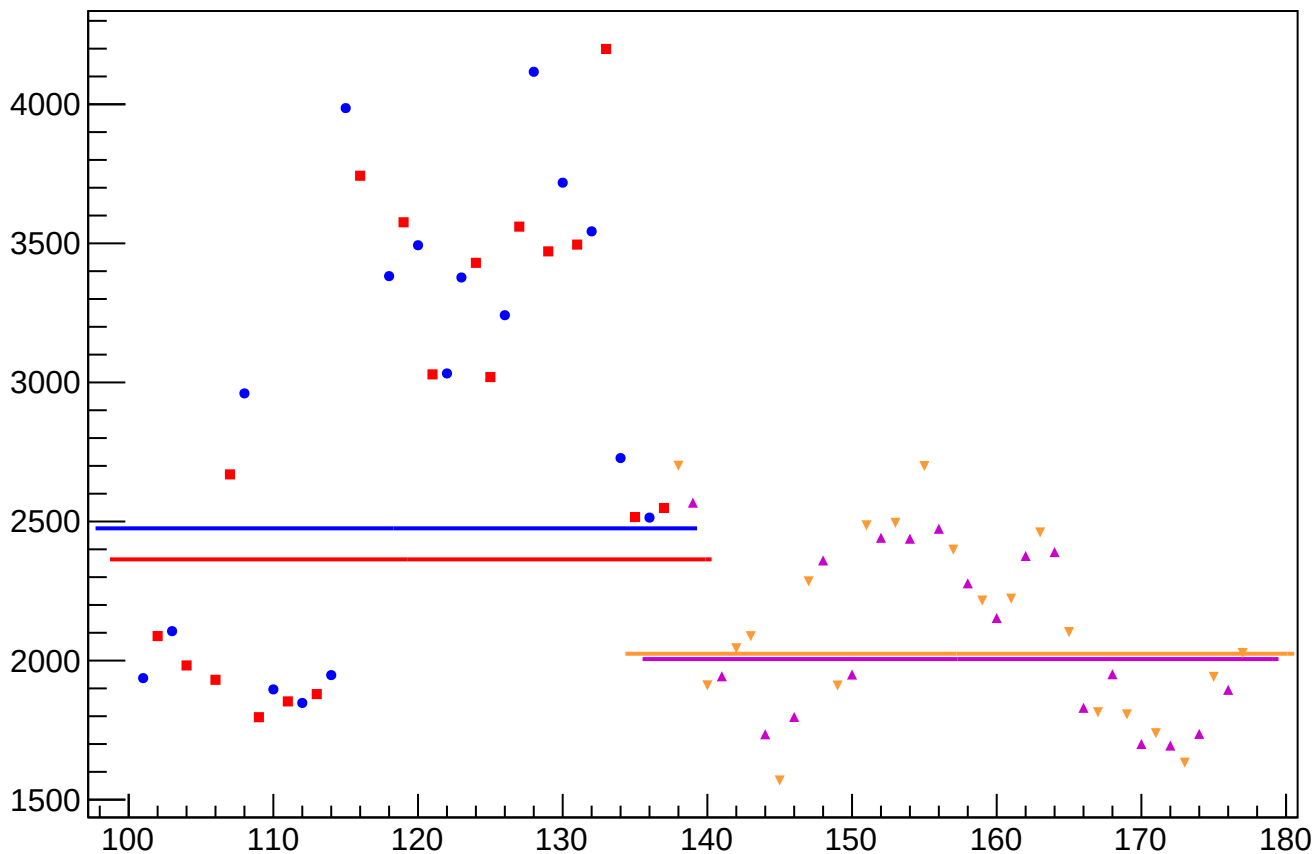
Right: -551.504 $\pm$ 679.008 χ^2/NDF : 33.8/34

In: -122.044 $\pm$ 464.763 χ^2/NDF : 47.0/35

Out: 1896.059 $\pm$ 449.741 χ^2/NDF : 69.5/38

All: 920.148 $\pm$ 323.195 χ^2/NDF : 126.2/74

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2024.650 $\pm$ 0.363 χ^2 /NDF: 751499.9/20

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2005.460 $\pm$ 0.372 χ^2 /NDF: 596348.4/18

Left: 2015.270 $\pm$ 0.260 χ^2 /NDF: 1349211.0/39

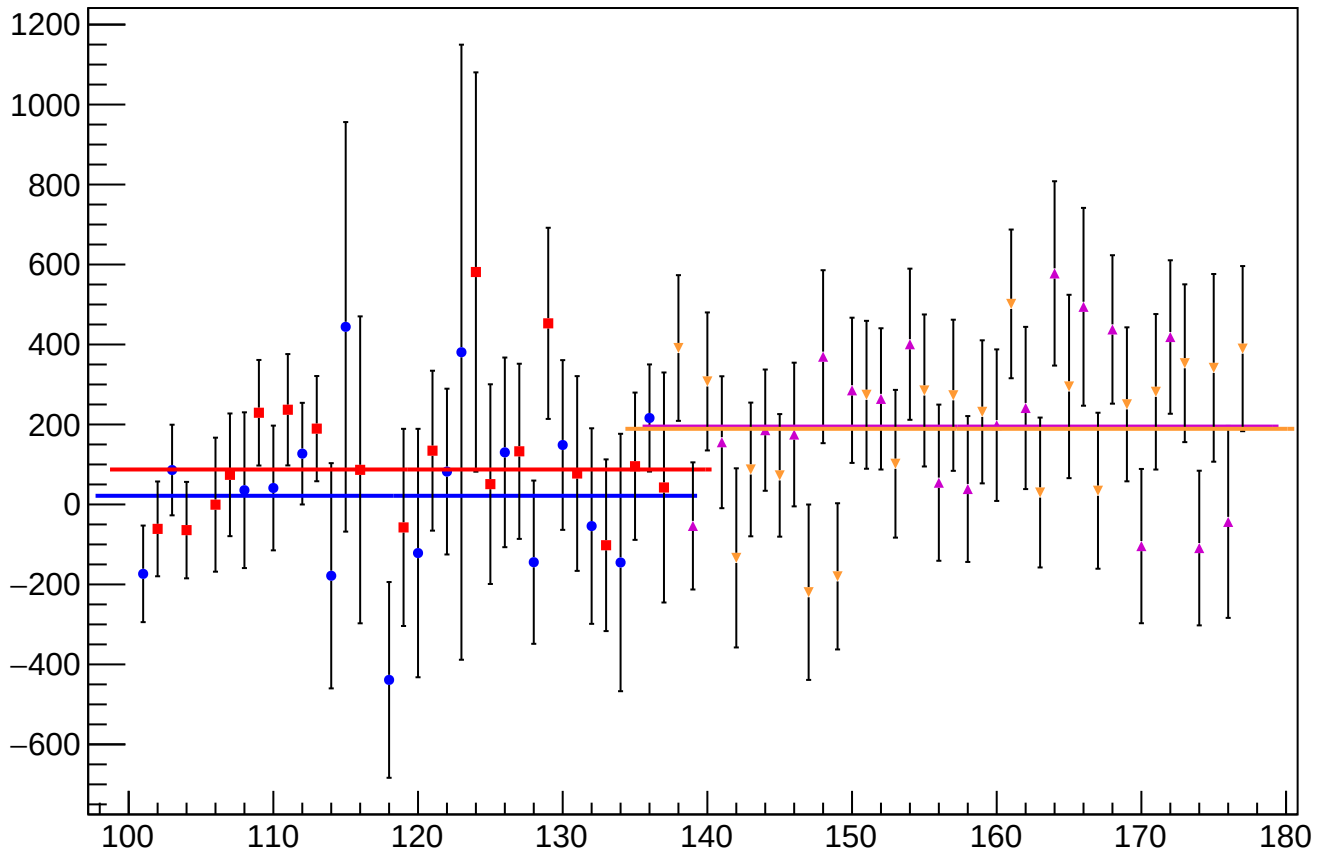
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2108.017 $\pm$ 0.329 χ^2 /NDF: 1858316.2/35

Out: 2104.160 $\pm$ 0.318 χ^2 /NDF: 1982587.8/38

All: 2106.025 $\pm$ 0.229 χ^2 /NDF: 3840975.1/74

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 189.132 $\pm$ 41.465 χ^2/NDF : 20.0/20

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 194.731 $\pm$ 43.301 χ^2/NDF : 19.2/18

Left: 191.810 $\pm$ 29.948 χ^2/NDF : 39.2/39

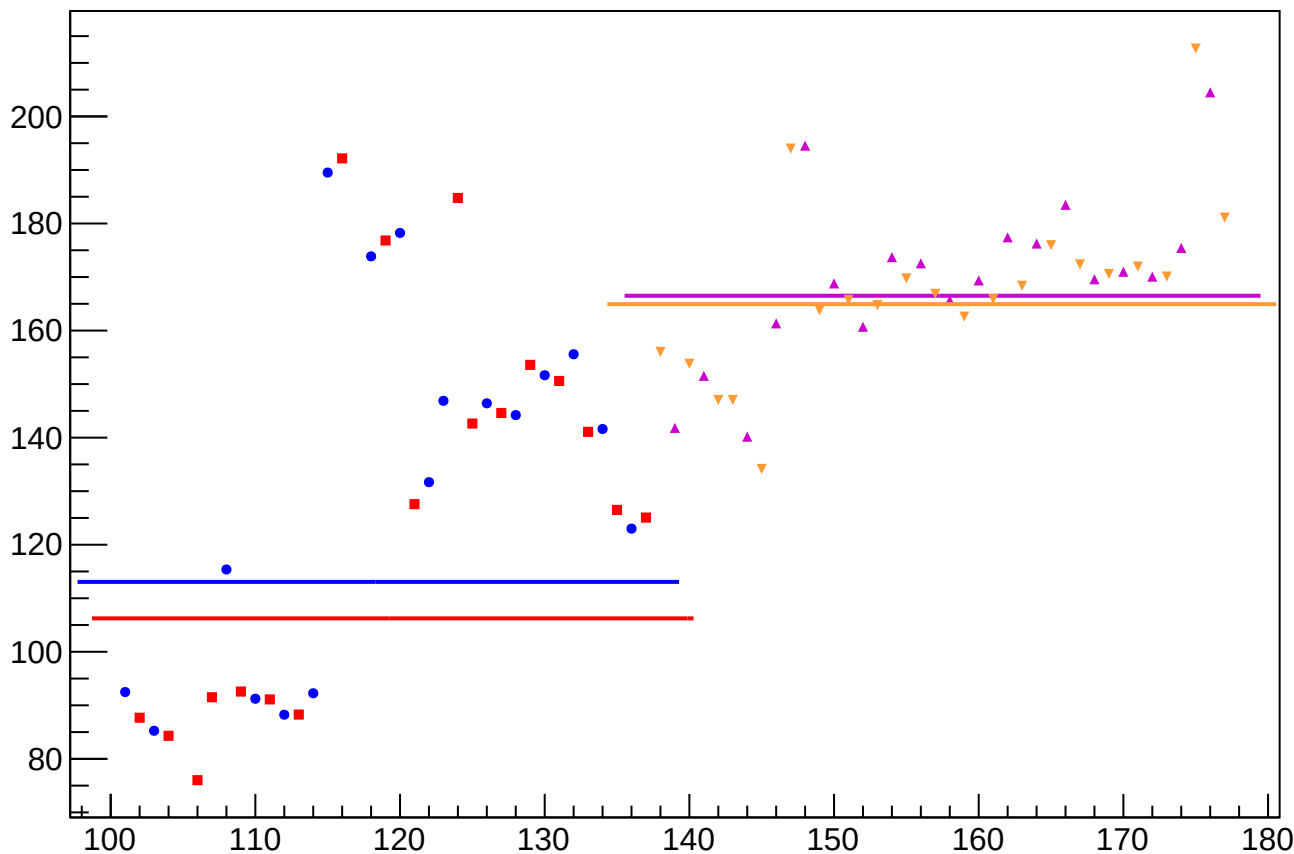
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 111.818 $\pm$ 31.254 χ^2/NDF : 39.5/35

Out: 138.727 $\pm$ 29.447 χ^2/NDF : 33.9/38

All: 126.073 $\pm$ 21.433 χ^2/NDF : 73.7/74

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 164.931 $\pm$ 0.029 χ^2/NDF :275438.2/20

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 166.505 $\pm$ 0.031 χ^2/NDF :243529.8/18

Left: 165.684 $\pm$ 0.021 χ^2/NDF : 520345.2/39

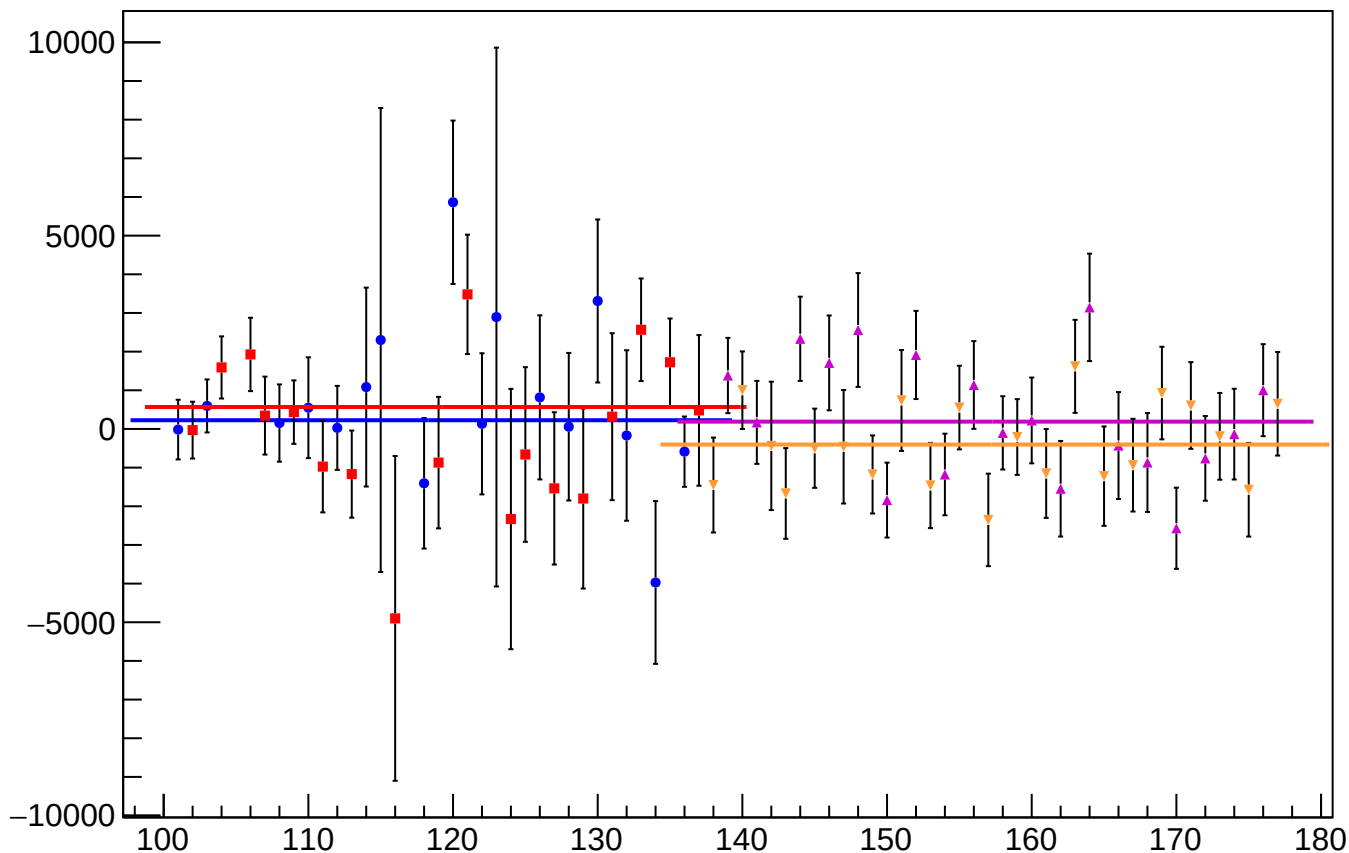
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 140.902 $\pm$ 0.022 χ^2/NDF :2523888.8/35

Out: 135.841 $\pm$ 0.021 χ^2/NDF :3213246.6/38

All: 138.221 $\pm$ 0.015 χ^2/NDF : 5764923.4/74

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -402.953+/-254.592 χ^2/NDF : 17.1/20

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 189.031+/-259.883 χ^2/NDF : 34.2/18

Left: -113.048+/-181.866 χ^2/NDF : 54.0/39

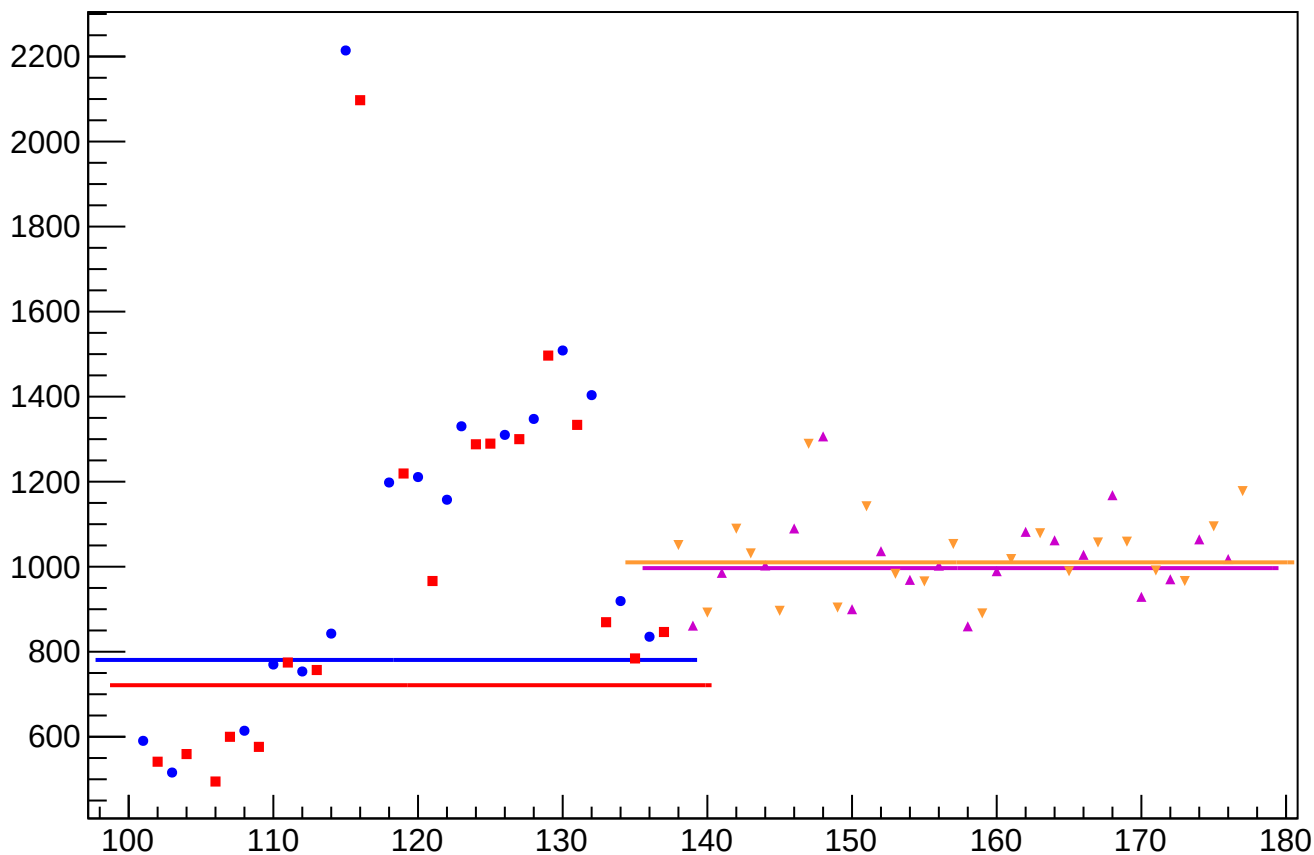
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 203.502+/-202.087 χ^2/NDF : 50.2/35

Out: 18.886+/-191.468 χ^2/NDF : 44.4/38

All: 106.216+/-138.991 χ^2/NDF : 95.0/74

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1010.233 $\pm$ 0.180 χ^2 /NDF: 270167.3/20

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 996.653 $\pm$ 0.184 χ^2 /NDF: 272338.6/18

Left: 1003.583 $\pm$ 0.129 χ^2 /NDF: 545292.5/39

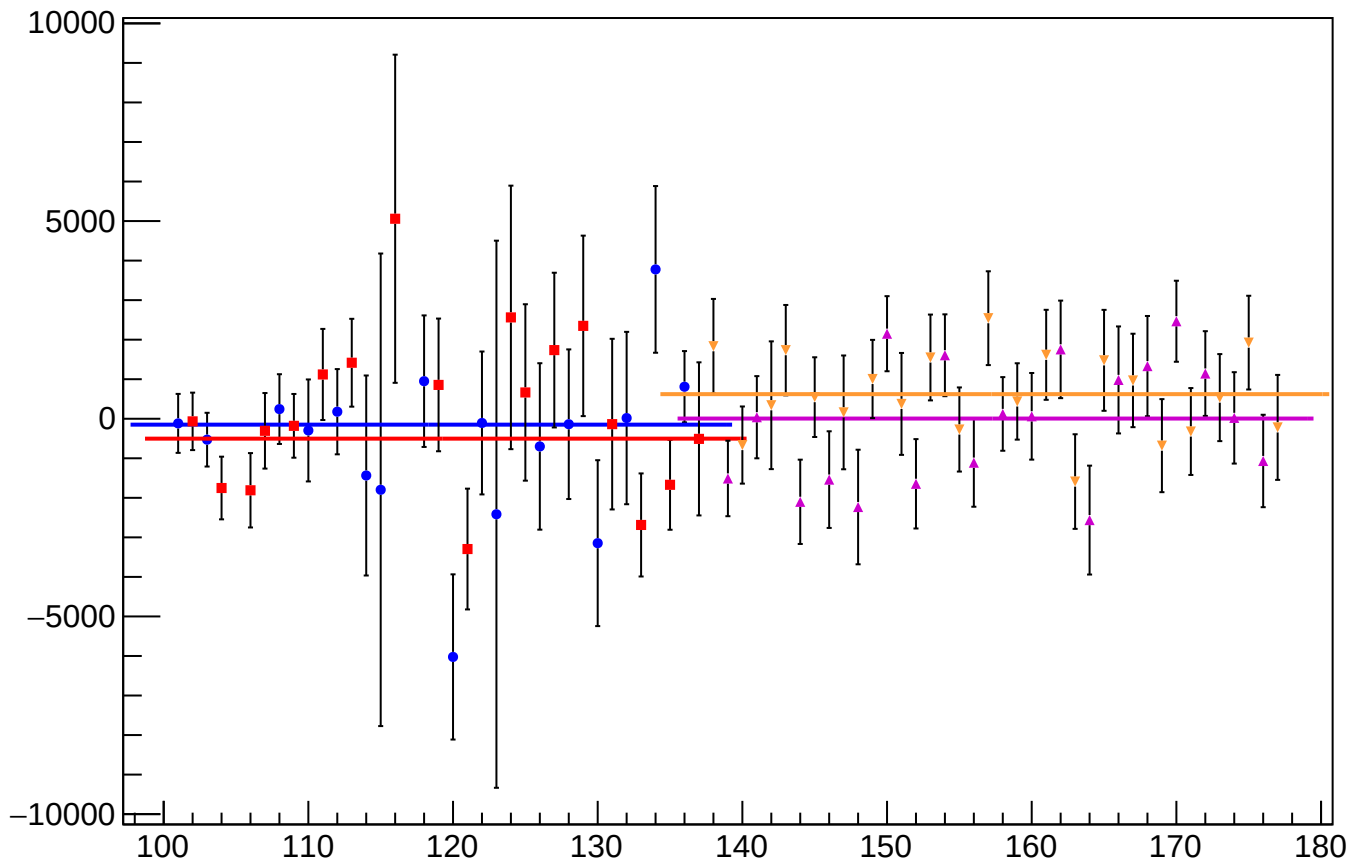
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 911.281 $\pm$ 0.143 χ^2 /NDF: 2427790.9/35

Out: 884.702 $\pm$ 0.135 χ^2 /NDF: 3016084.6/38

All: 897.275 $\pm$ 0.098 χ^2 /NDF: 5462107.4/74

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 622.273 ± 250.328 χ^2/NDF : 16.4/20

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: 4.943 ± 255.468 χ^2/NDF : 35.9/18

Left: 319.880 ± 178.798 χ^2/NDF : 55.3/39

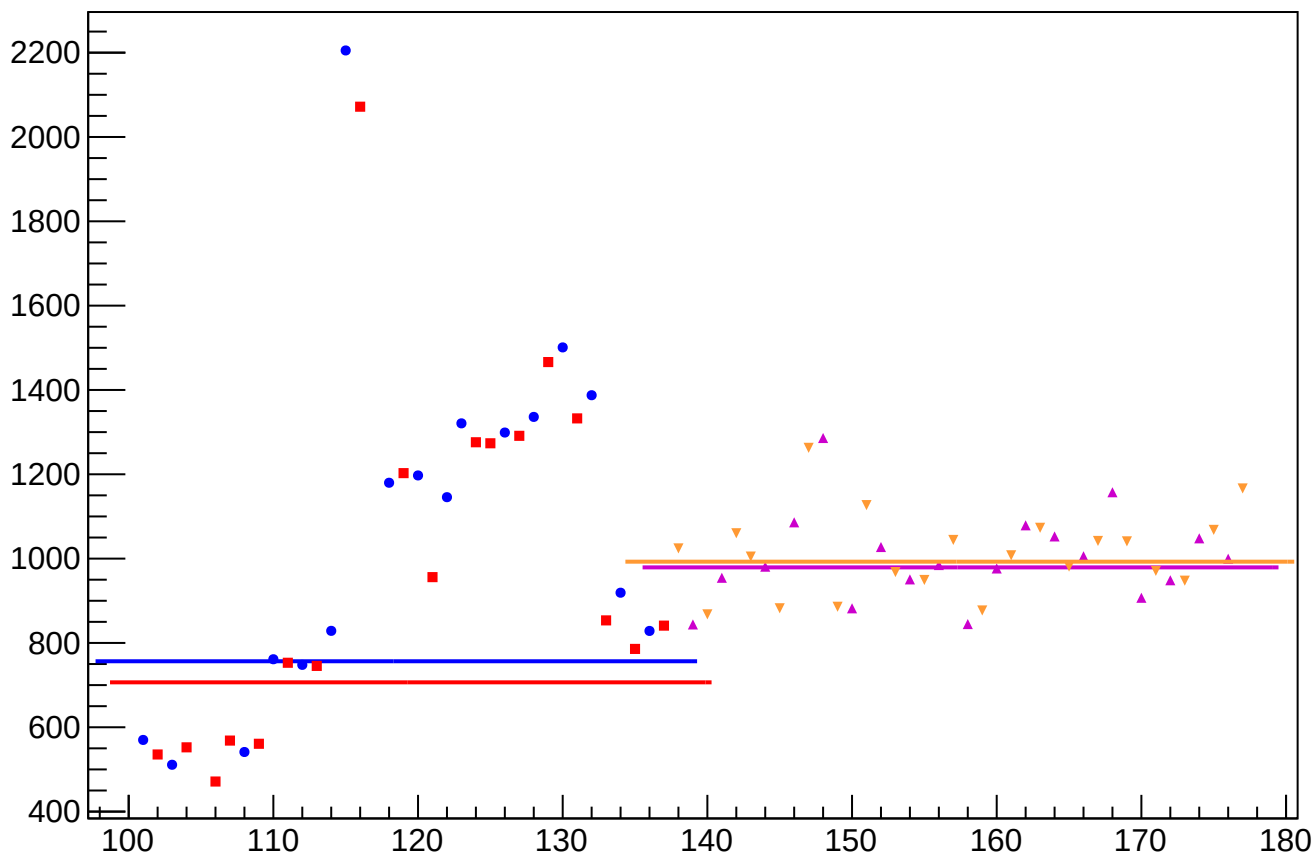
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -56.680 ± 197.905 χ^2/NDF : 52.2/35

Out: 133.656 ± 188.303 χ^2/NDF : 48.8/38

All: 43.217 ± 136.419 χ^2/NDF : 101.5/74

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 992.739+/-0.177 χ^2/NDF : 277053.5/20

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 979.191+/-0.181 χ^2/NDF : 292419.4/18

Left: 986.103+/-0.126 χ^2/NDF : 572342.4/39

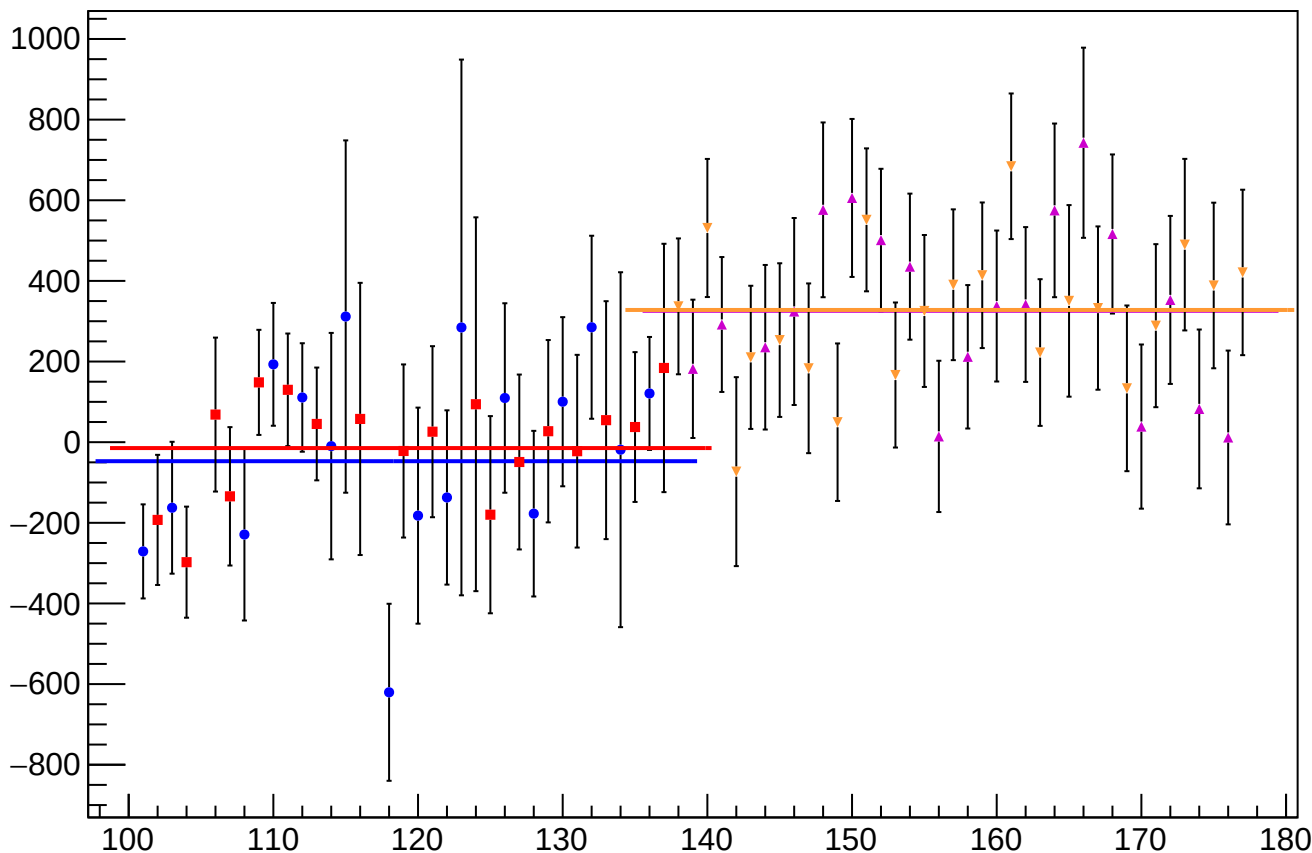
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 890.158+/-0.140 χ^2/NDF : 2613551.1/35

Out: 868.488+/-0.133 χ^2/NDF : 3081980.2/38

All: 878.784+/-0.096 χ^2/NDF : 5708116.8/74

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 327.927 $\pm$ 42.017 χ^2/NDF : 16.2/20

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 325.815 $\pm$ 44.834 χ^2/NDF : 19.9/18

Left: 326.939 $\pm$ 30.658 χ^2/NDF : 36.1/39

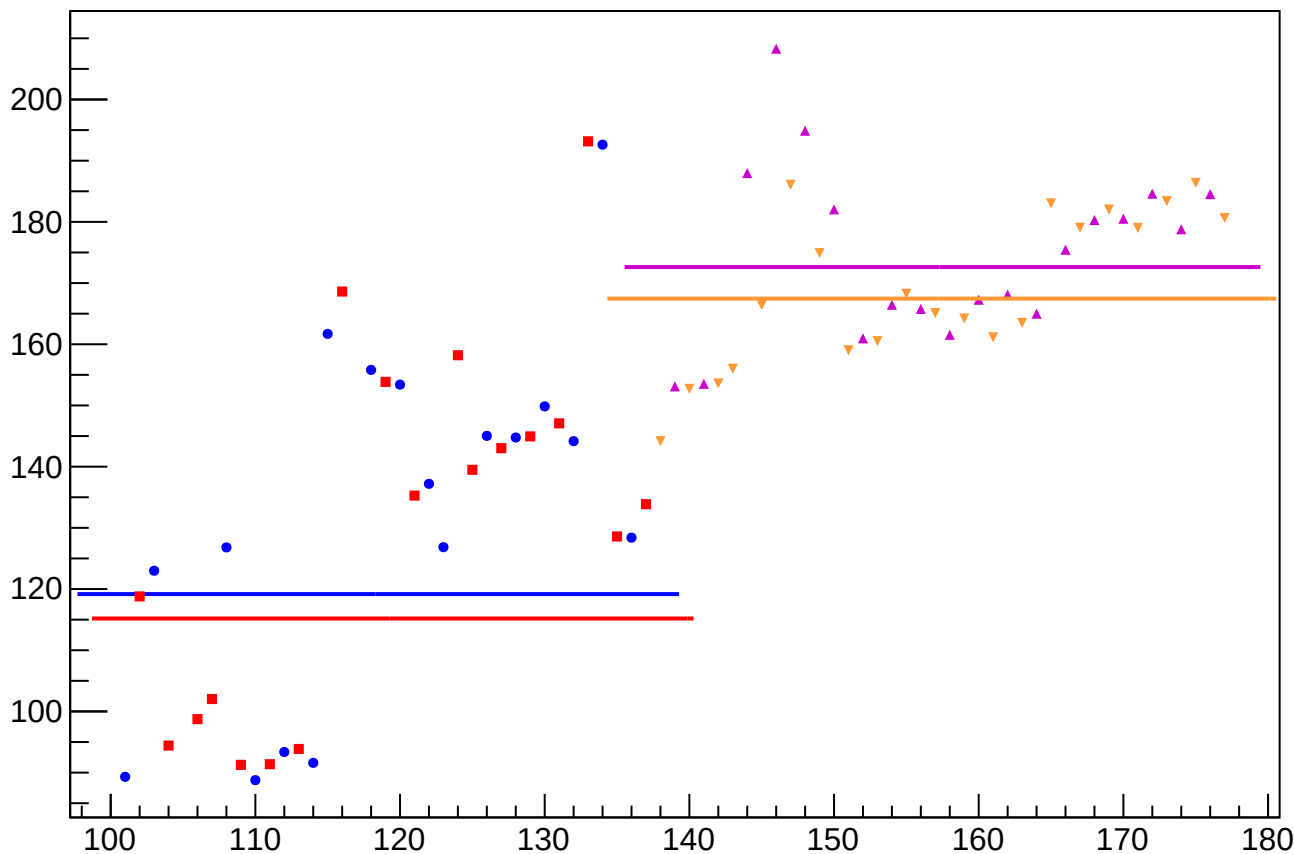
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 149.183 $\pm$ 32.529 χ^2/NDF : 74.6/35

Out: 167.810 $\pm$ 30.663 χ^2/NDF : 57.4/38

All: 159.046 $\pm$ 22.313 χ^2/NDF : 132.1/74

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 167.464+/-0.030 χ^2/NDF : 167048.5/20

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 172.613+/-0.032 χ^2/NDF : 183958.8/18

Left: 169.872+/-0.022 χ^2/NDF : 365050.0/39

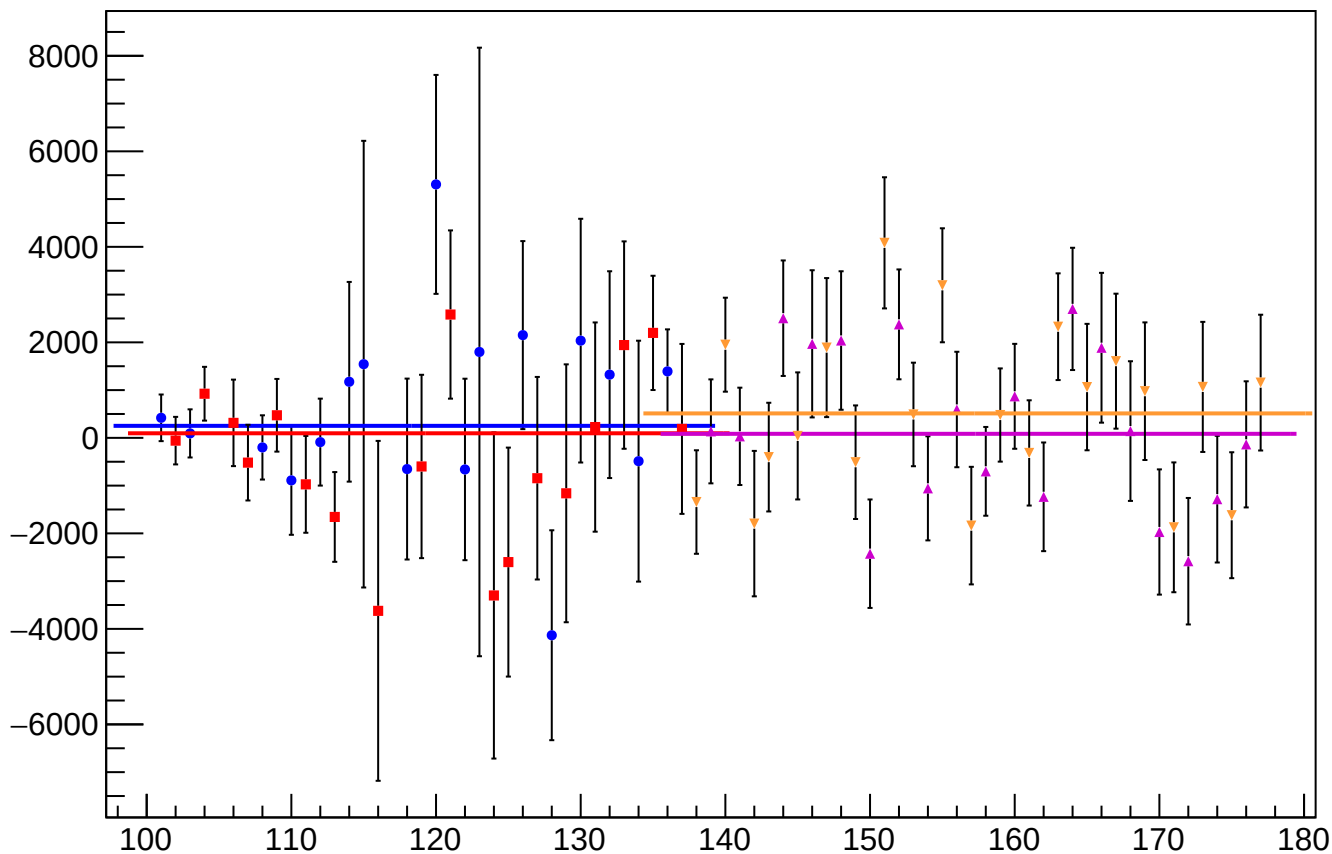
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 147.306+/-0.023 χ^2/NDF : 2144862.7/35

Out: 143.029+/-0.022 χ^2/NDF : 2289768.4/38

All: 145.041+/-0.016 χ^2/NDF : 4452941.5/74

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 511.974+/-267.720 χ^2/NDF : 35.4/20

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 84.664+/-277.558 χ^2/NDF : 33.1/18

Left: 306.026+/-192.691 χ^2/NDF : 69.7/39

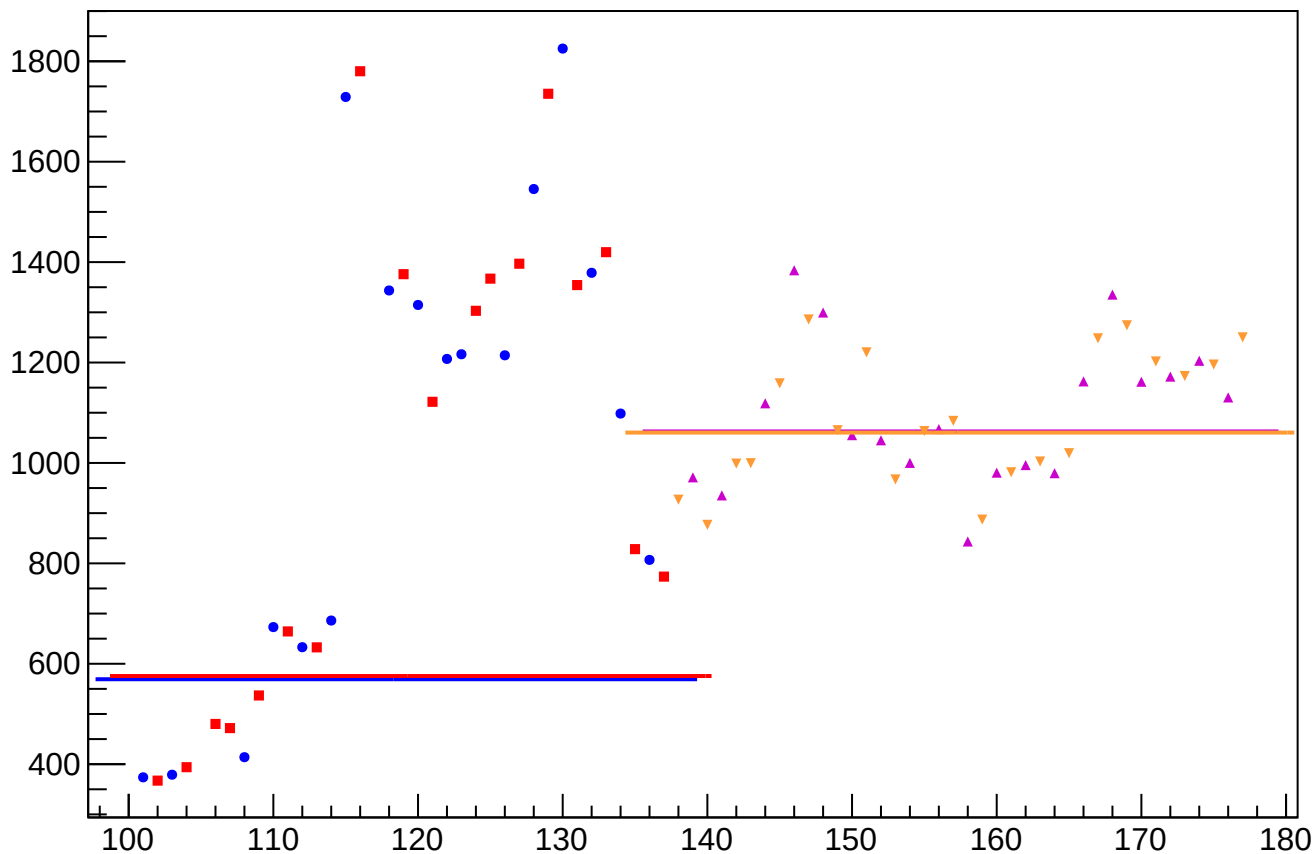
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 175.974+/-186.906 χ^2/NDF : 48.2/35

Out: 286.113+/-181.040 χ^2/NDF : 54.2/38

All: 232.799+/-130.039 χ^2/NDF : 102.5/74

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1060.505 $\pm$ 0.189 χ^2 /NDF: 462696.3/20

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1062.780 $\pm$ 0.196 χ^2 /NDF: 465027.8/18

Left: 1061.601 $\pm$ 0.136 χ^2 /NDF: 927793.7/39

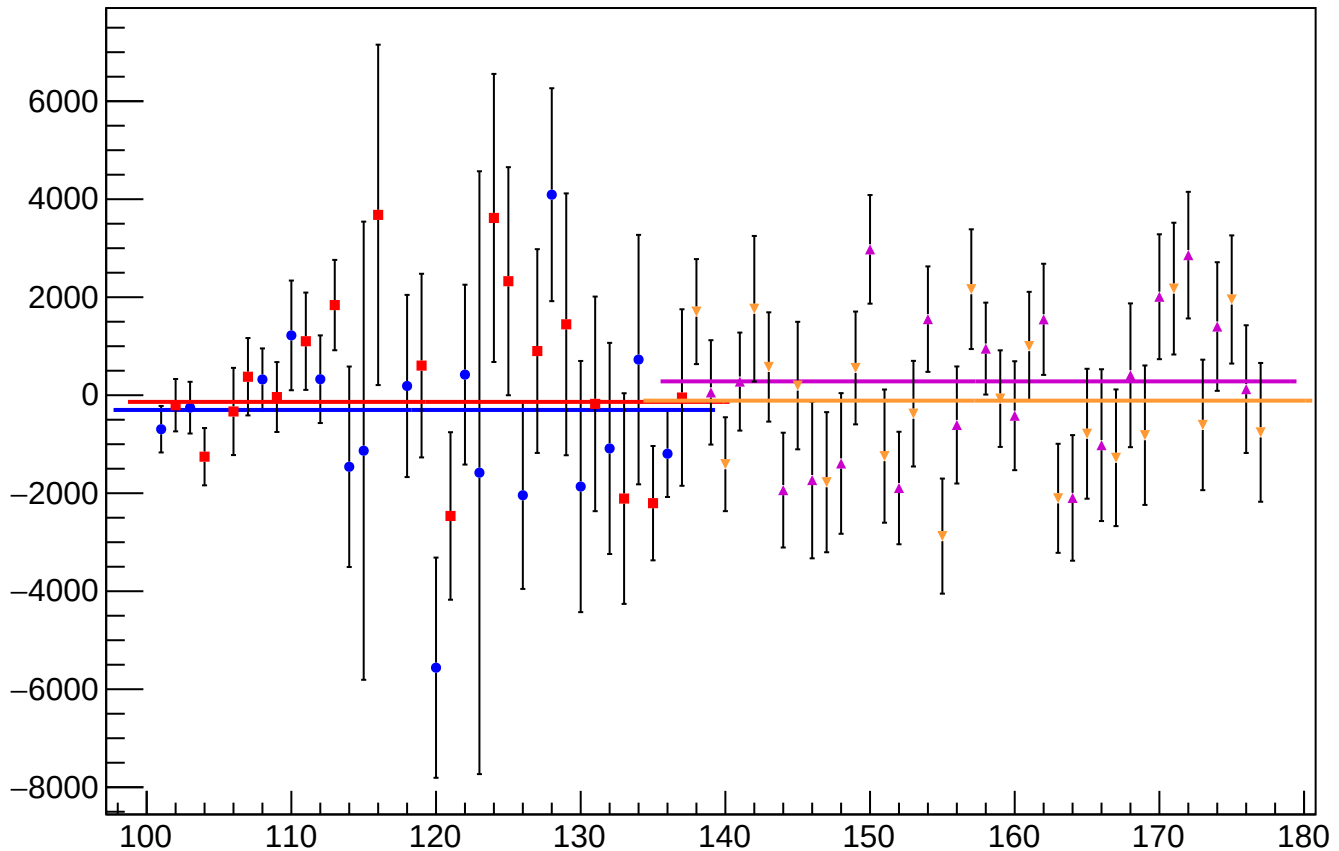
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 793.018 $\pm$ 0.132 χ^2 /NDF: 7188782.5/35

Out: 797.331 $\pm$ 0.128 χ^2 /NDF: 7082046.0/38

All: 795.243 $\pm$ 0.092 χ^2 /NDF: 14271378.0/74

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -111.038 ± 264.647 $\chi^2/\text{NDF}: 29.3/20$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 282.435 ± 275.010 $\chi^2/\text{NDF}: 30.9/18$

Left: 78.146 ± 190.692 $\chi^2/\text{NDF}: 61.3/39$

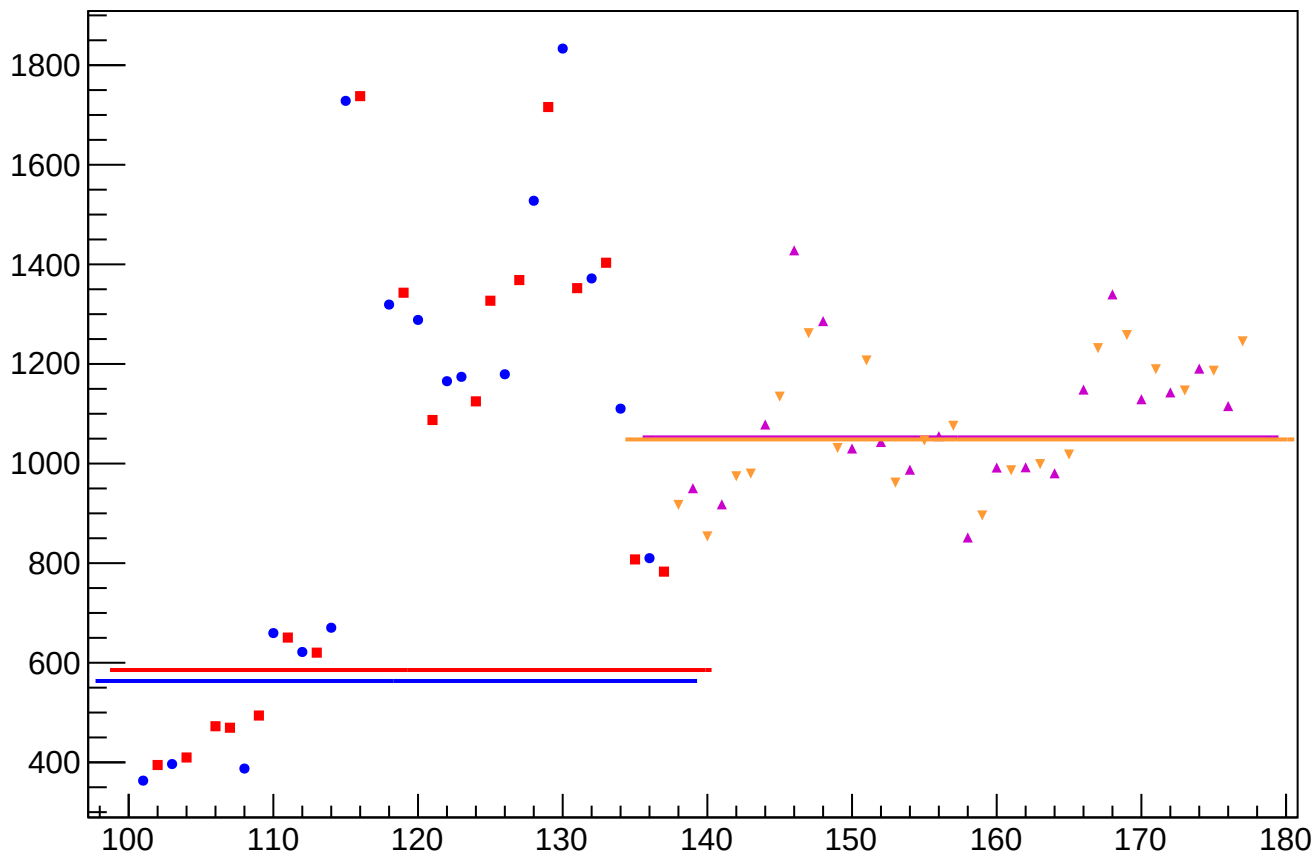
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -36.472 ± 185.110 $\chi^2/\text{NDF}: 50.1/35$

Out: -124.401 ± 180.842 $\chi^2/\text{NDF}: 50.2/38$

All: -81.462 ± 129.357 $\chi^2/\text{NDF}: 100.4/74$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1048.432 $\pm$ 0.187 χ^2 /NDF: 451113.0/20

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1052.553 $\pm$ 0.194 χ^2 /NDF: 465063.5/18

Left: 1050.414 $\pm$ 0.135 χ^2 /NDF: 916409.6/39

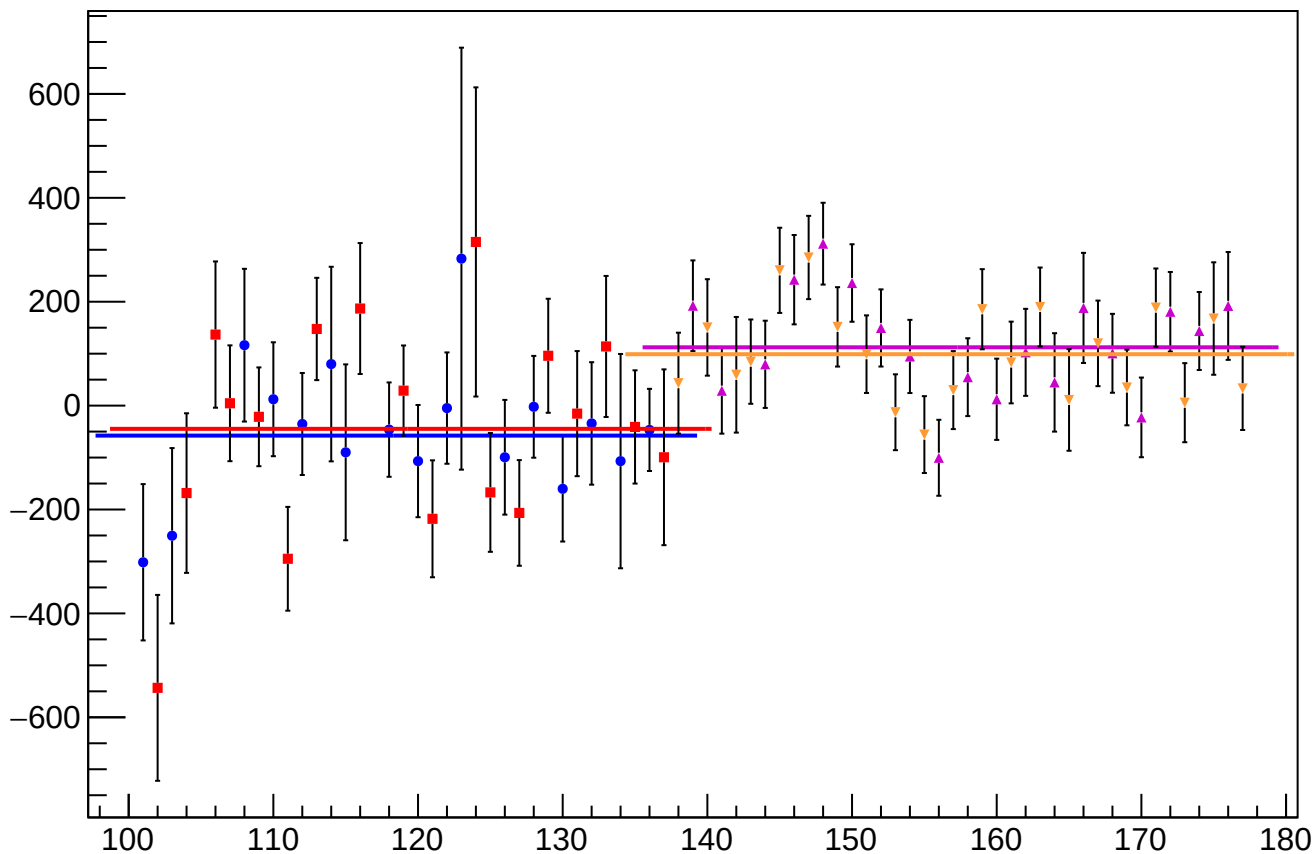
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 785.017 $\pm$ 0.131 χ^2 /NDF: 7184835.2/35

Out: 801.630 $\pm$ 0.128 χ^2 /NDF: 6532278.2/38

All: 793.517 $\pm$ 0.091 χ^2 /NDF: 13725355.5/74

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 98.960 $\pm$ 17.702 χ^2/NDF : 26.5/20

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 112.257 $\pm$ 18.461 χ^2/NDF : 30.2/18

Left: 105.330 $\pm$ 12.777 χ^2/NDF : 56.9/39

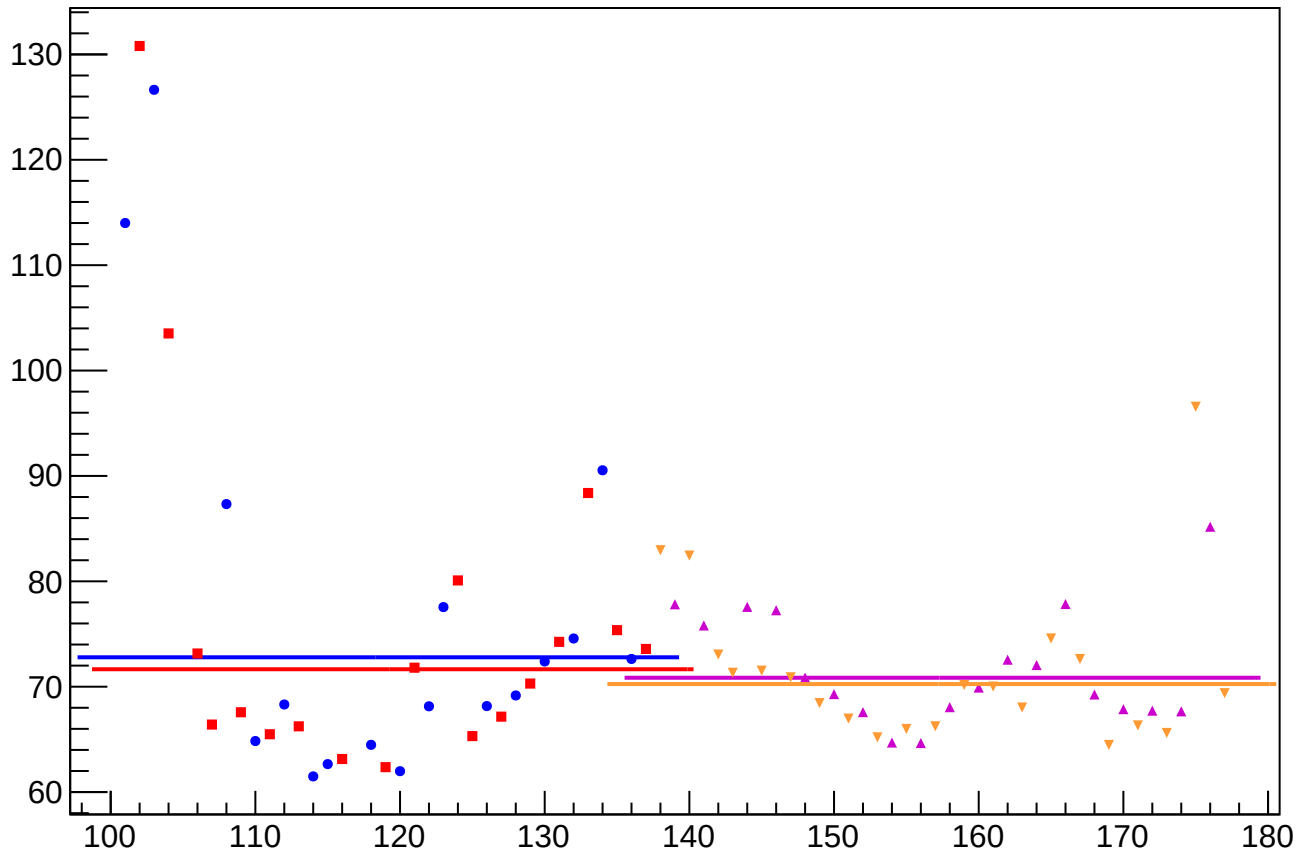
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 62.498 $\pm$ 15.525 χ^2/NDF : 64.1/35

Out: 57.327 $\pm$ 14.918 χ^2/NDF : 80.7/38

All: 59.810 $\pm$ 10.757 χ^2/NDF : 144.9/74

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.249 $\pm$ 0.013 χ^2/NDF : 249038.0/20

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 70.850 $\pm$ 0.013 χ^2/NDF : 140067.0/18

Left: 70.537 $\pm$ 0.009 χ^2/NDF : 390208.5/39

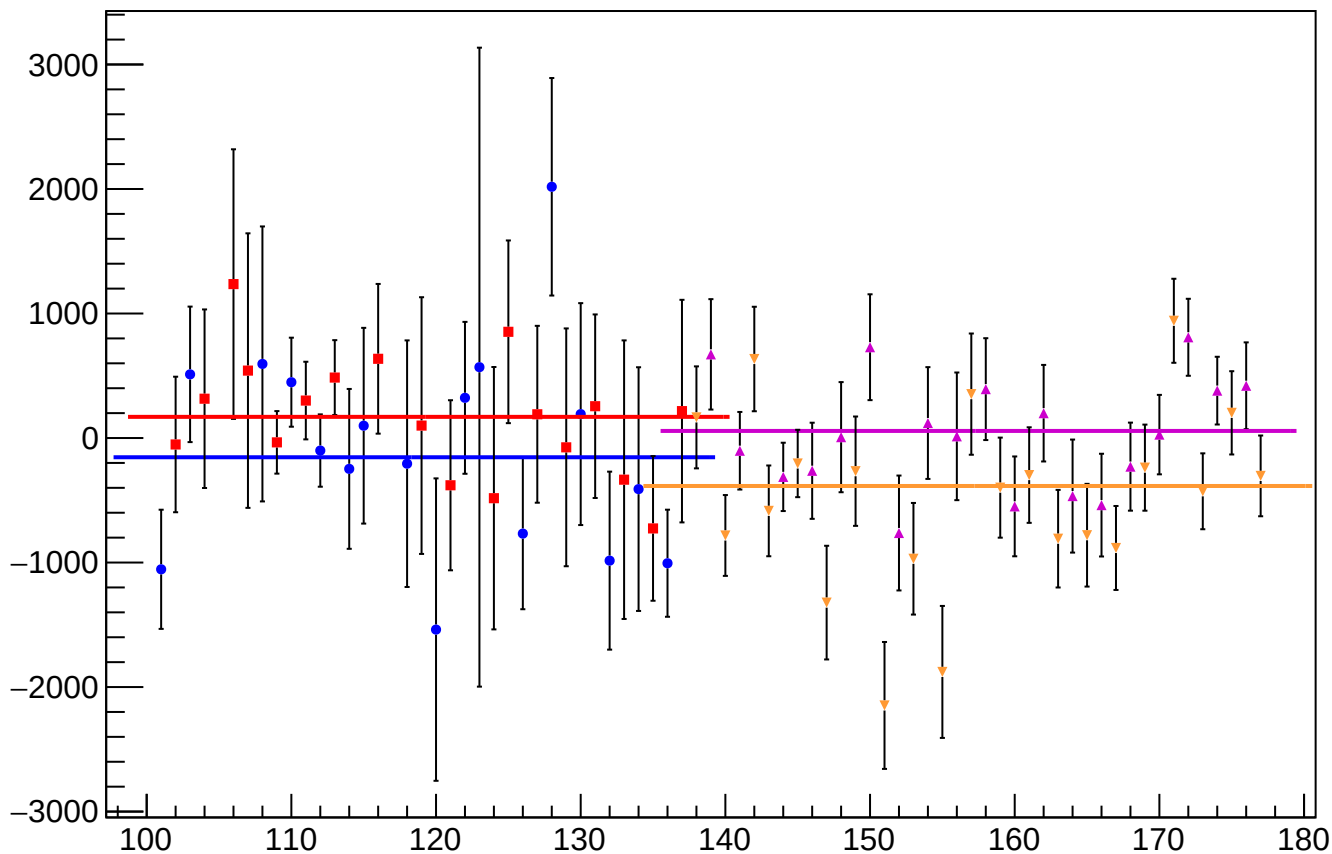
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 71.418 $\pm$ 0.011 χ^2/NDF : 611307.5/35

Out: 70.656 $\pm$ 0.011 χ^2/NDF : 657073.5/38

All: 71.022 $\pm$ 0.008 χ^2/NDF : 1270880.7/74

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -385.142 ± 81.797 χ^2/NDF : 61.3/20

Right Out: 170.028 ± 126.220 χ^2/NDF : 8.4/17

Left In: 56.934 ± 84.784 χ^2/NDF : 26.0/18

Left: -172.029 ± 58.867 χ^2/NDF : 101.3/39

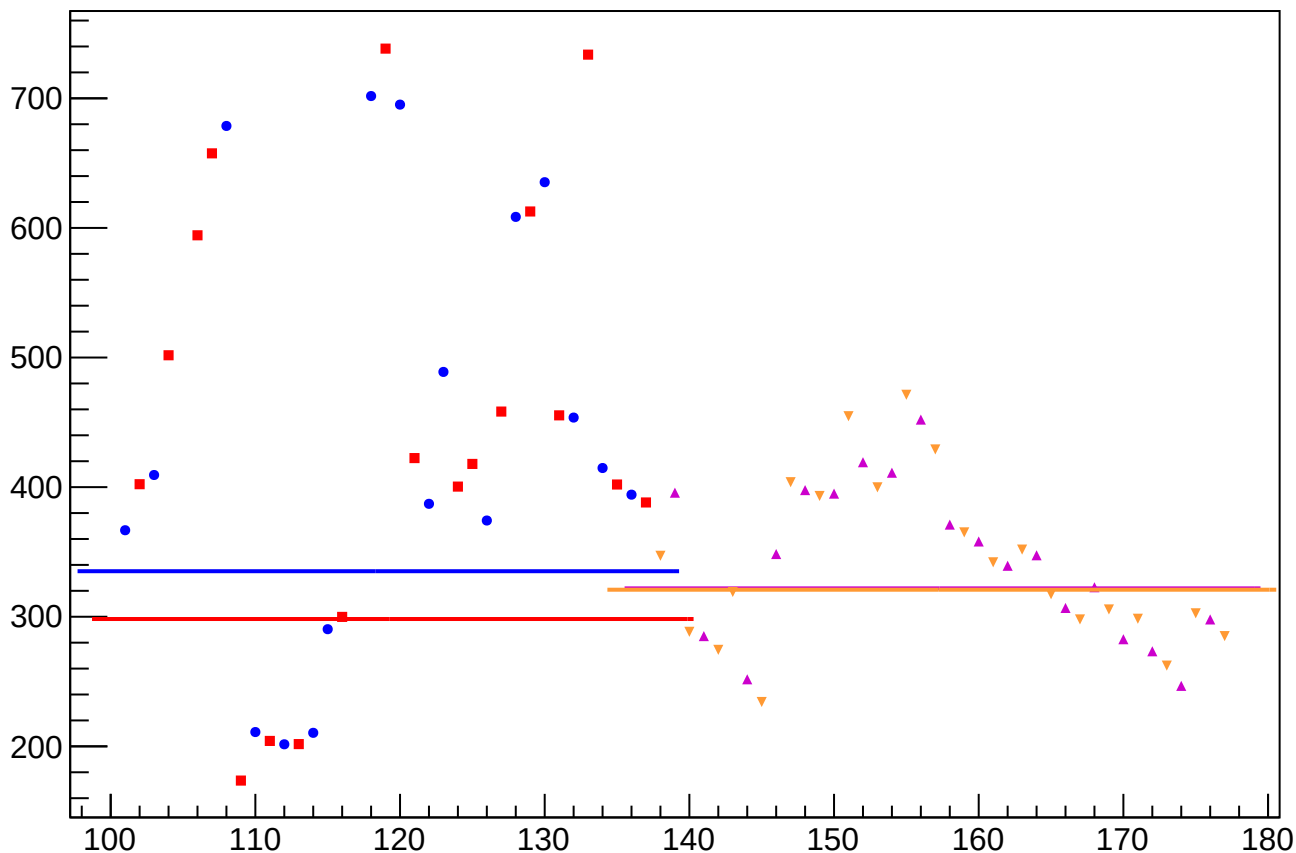
Right: 25.360 ± 93.955 χ^2/NDF : 34.5/34

In: 0.637 ± 72.619 χ^2/NDF : 50.8/35

Out: -220.947 ± 68.643 χ^2/NDF : 83.3/38

All: -116.385 ± 49.884 χ^2/NDF : 139.0/74

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 320.858 $\pm$ 0.058 χ^2/NDF :1007172.7/20

Right Out: 298.253 $\pm$ 0.089 χ^2/NDF : 2776555.9/17

Left In: 321.899 $\pm$ 0.060 χ^2/NDF :938959.4/18

Left: 321.359 $\pm$ 0.042 χ^2/NDF : 1946288.3/39

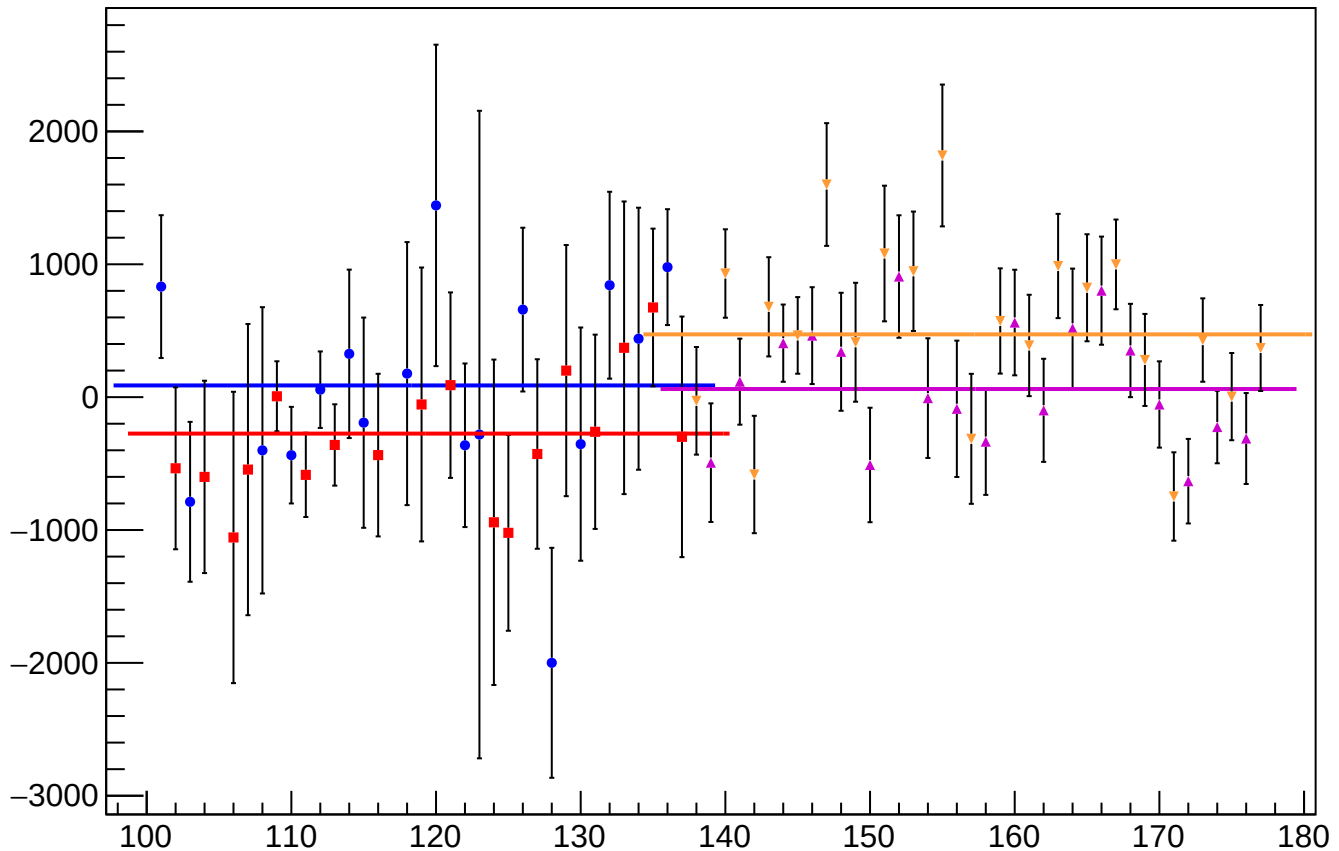
Right: 314.699 $\pm$ 0.066 χ^2/NDF : 4846742.5/34

In: 325.424 $\pm$ 0.051 χ^2/NDF :2945988.0/35

Out: 314.172 $\pm$ 0.049 χ^2/NDF :3828900.5/38

All: 319.482 $\pm$ 0.035 χ^2/NDF : 6800248.4/74

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 472.498 $\pm$ 82.580 χ^2 /NDF:47.8/20

Right Out: -274.340 $\pm$ 129.866 χ^2 /NDF: 8.0/17

Left In: 61.176 $\pm$ 85.295 χ^2 /NDF:24.8/18

Left: 273.487 $\pm$ 59.330 χ^2 /NDF: 84.6/39

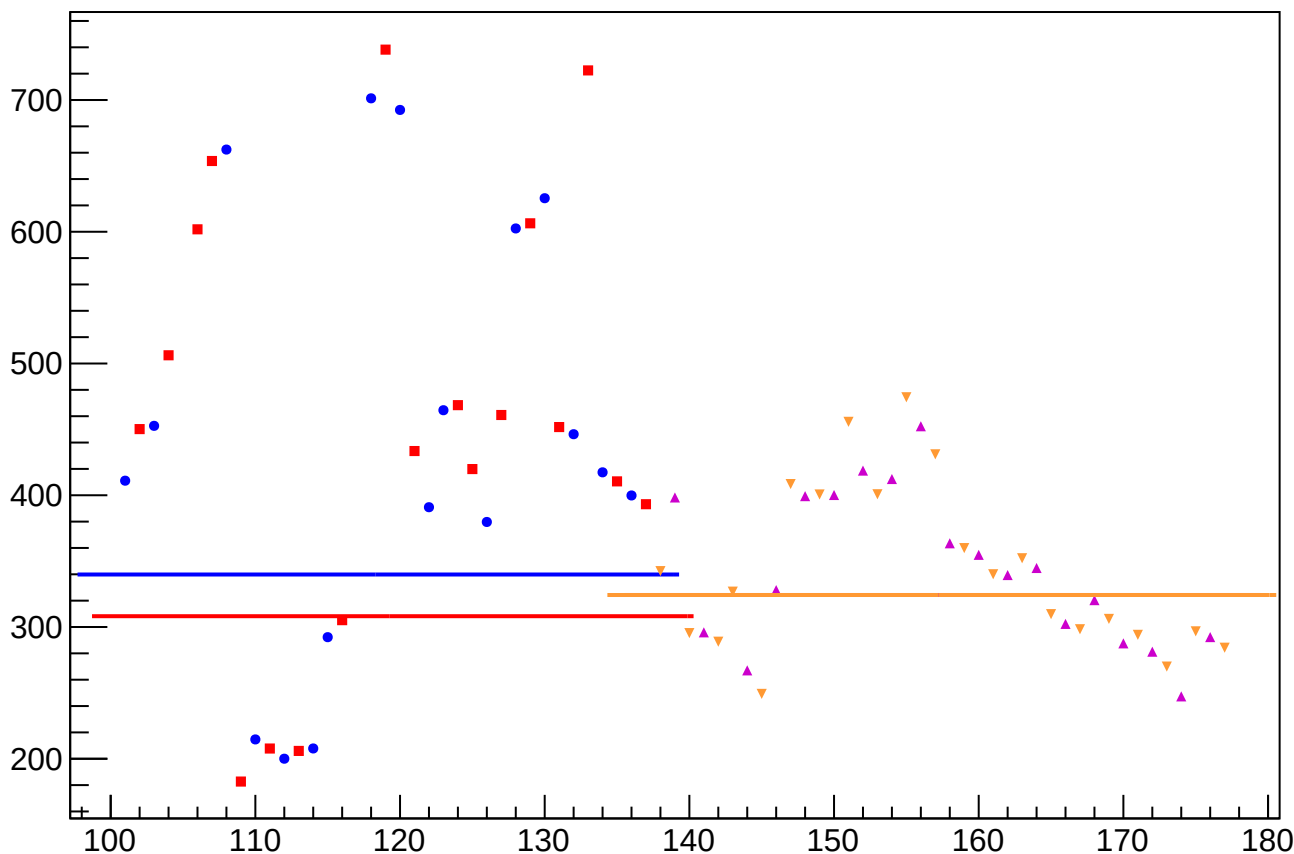
Right: -110.540 $\pm$ 96.143 χ^2 /NDF: 32.4/34

In: 68.244 $\pm$ 73.256 χ^2 /NDF:45.6/35

Out: 257.463 $\pm$ 69.685 χ^2 /NDF:79.4/38

All: 167.578 $\pm$ 50.490 χ^2 /NDF: 128.5/74

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 324.291 ± 0.058 $\chi^2/\text{NDF}: 906994.7/20$

Right Out: 308.199 ± 0.092 $\chi^2/\text{NDF}: 2698828.8/17$

Left In: 324.304 ± 0.060 $\chi^2/\text{NDF}: 835177.0/18$

Left: 324.297 ± 0.042 $\chi^2/\text{NDF}: 1742171.8/39$

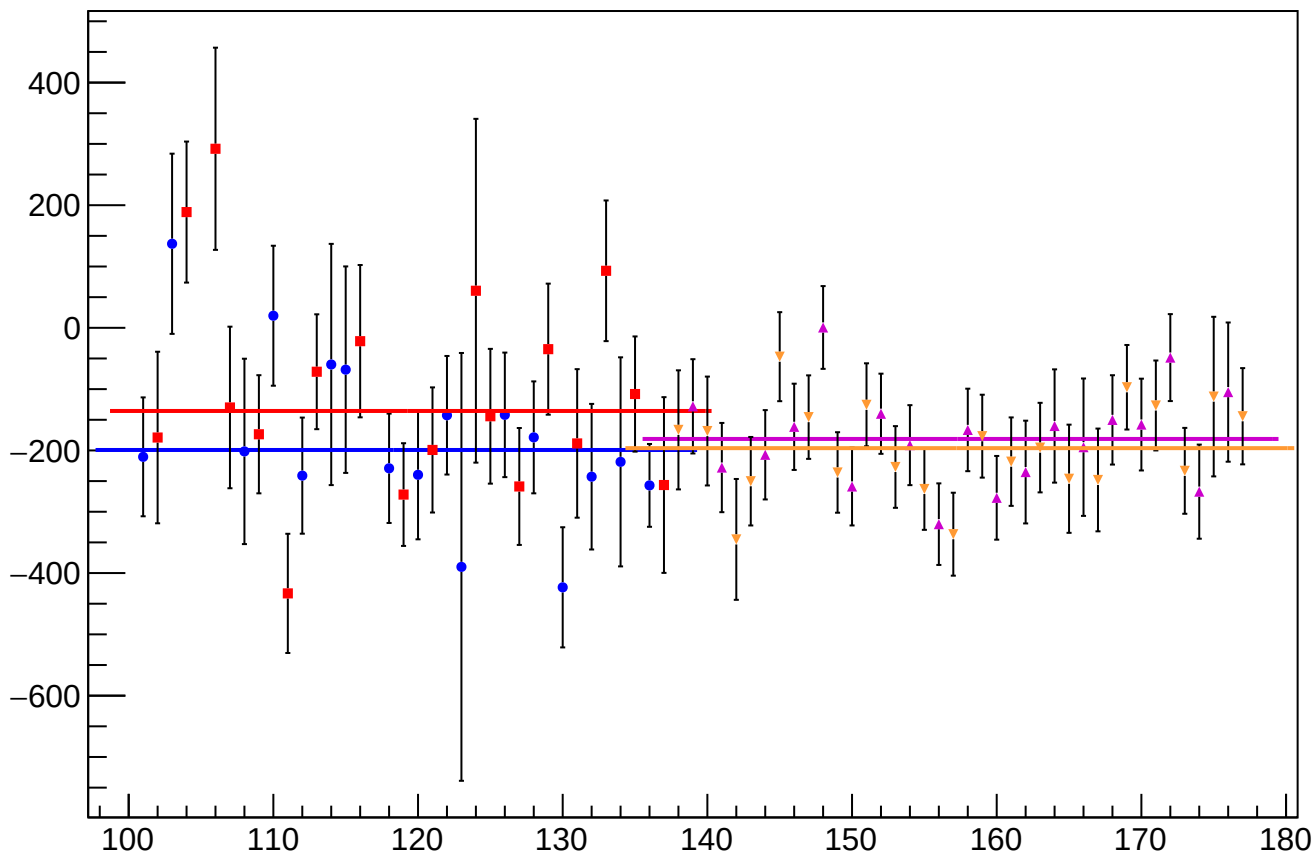
Right: 322.502 ± 0.068 $\chi^2/\text{NDF}: 4796037.7/34$

In: 328.383 ± 0.052 $\chi^2/\text{NDF}: 2896129.7/35$

Out: 319.658 ± 0.049 $\chi^2/\text{NDF}: 3627690.4/38$

All: 323.802 ± 0.036 $\chi^2/\text{NDF}: 6538714.3/74$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -196.266 $\pm$ 16.345 χ^2/NDF :19.8/20

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -181.257 $\pm$ 16.908 χ^2/NDF :22.6/18

Left: -189.016 $\pm$ 11.752 χ^2/NDF : 42.8/39

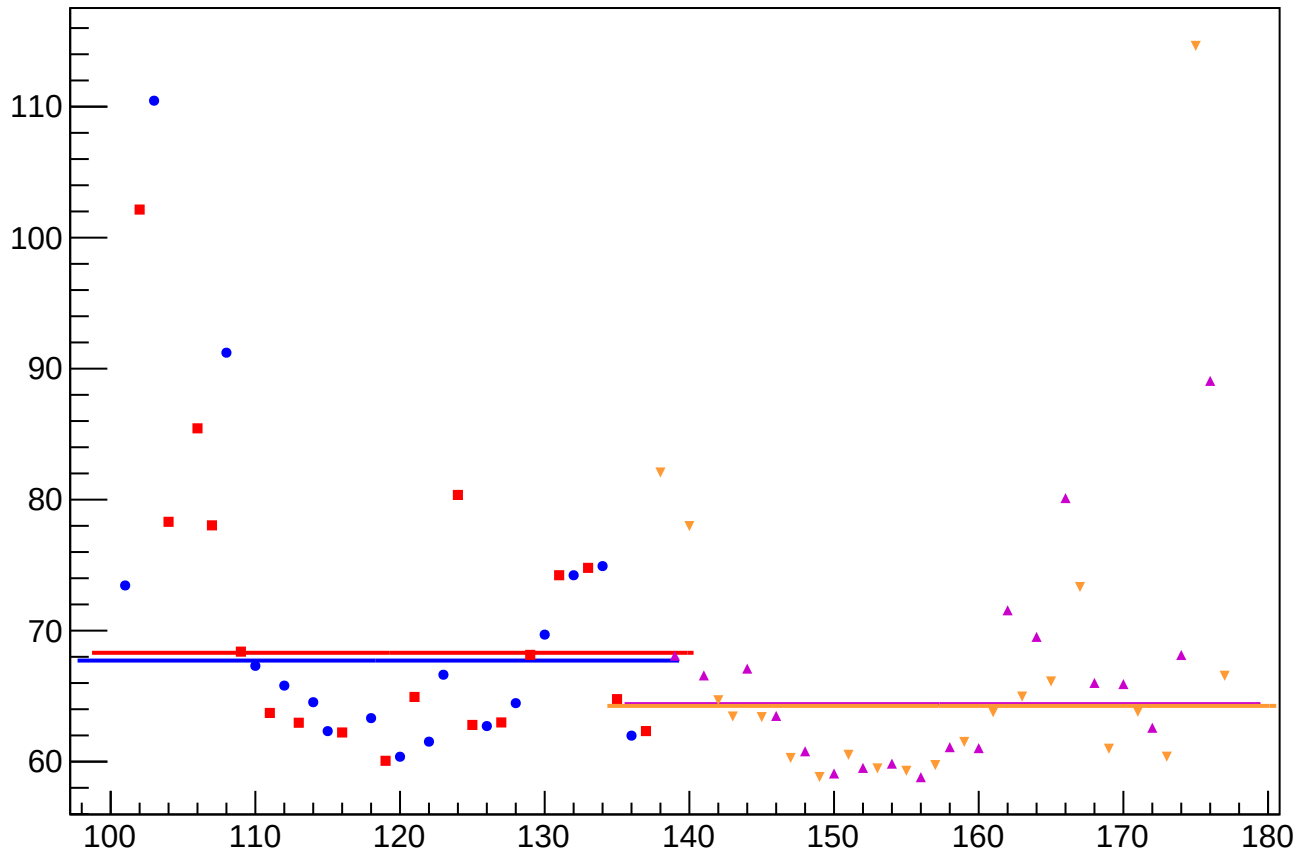
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -186.459 $\pm$ 14.256 χ^2/NDF :40.6/35

Out: -179.325 $\pm$ 13.876 χ^2/NDF :60.3/38

All: -182.795 $\pm$ 9.943 χ^2/NDF : 101.0/74

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 64.255 $\pm$ 0.012 χ^2 /NDF: 512553.0/20

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 64.390 $\pm$ 0.012 χ^2 /NDF: 236149.1/18

Left: 64.320 $\pm$ 0.008 χ^2 /NDF: 748767.9/39

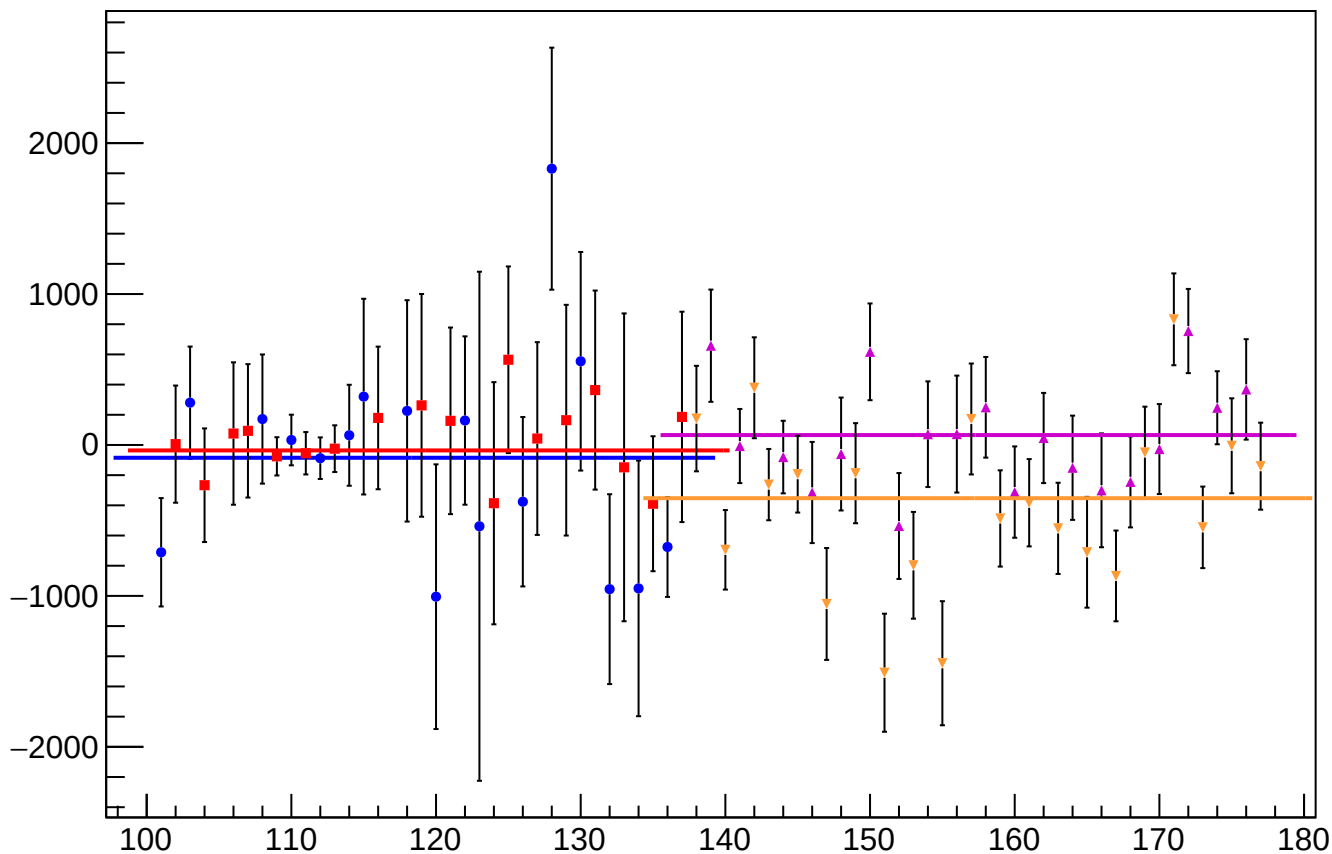
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 65.351 $\pm$ 0.010 χ^2 /NDF: 541404.3/35

Out: 65.388 $\pm$ 0.010 χ^2 /NDF: 781223.6/38

All: 65.370 $\pm$ 0.007 χ^2 /NDF: 1322634.4/74

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -352.651 $\pm$ 67.748 χ^2/NDF : 55.5/20

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 65.540 $\pm$ 71.142 χ^2/NDF : 22.2/18

Left: -153.768 $\pm$ 49.061 χ^2/NDF : 95.8/39

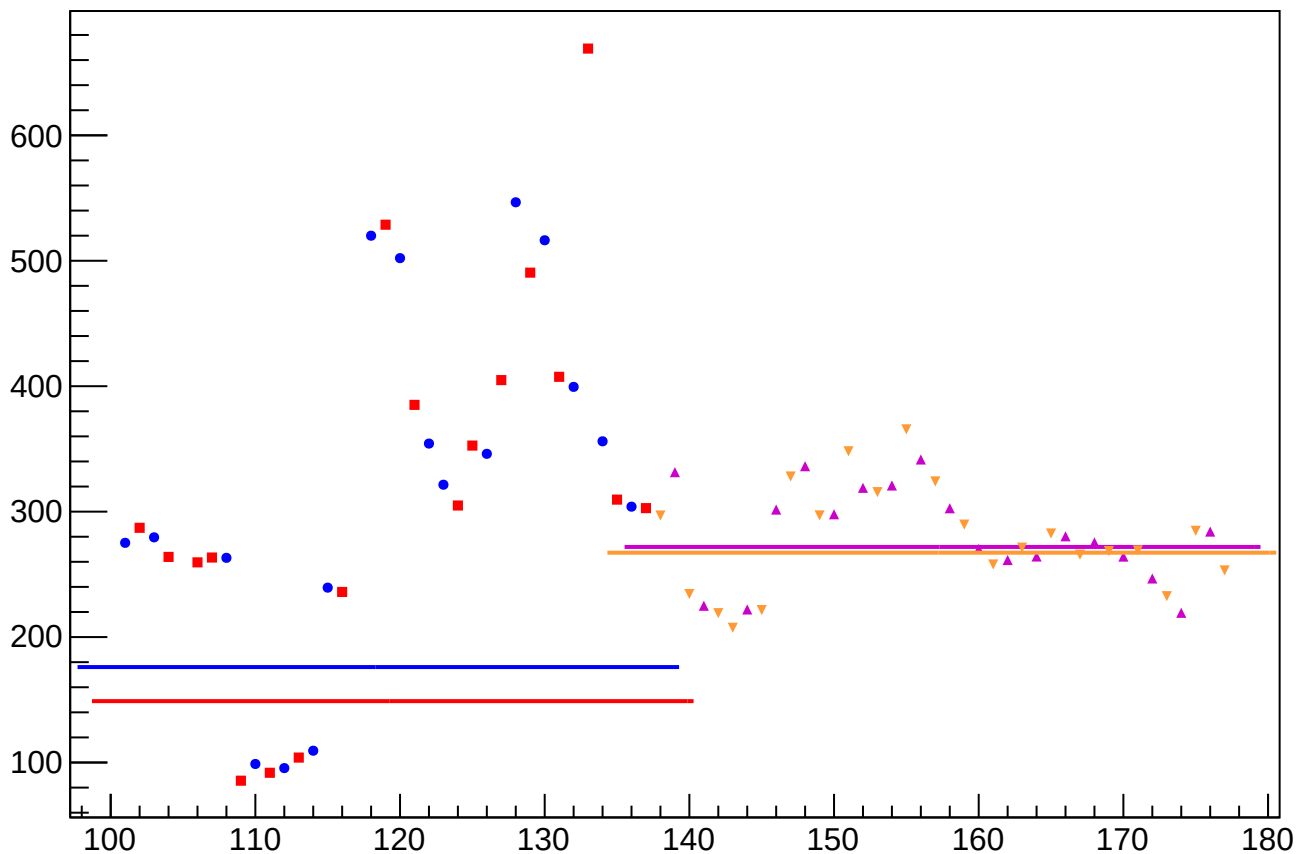
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: 1.590 $\pm$ 53.923 χ^2/NDF : 43.9/35

Out: -198.999 $\pm$ 48.597 χ^2/NDF : 69.5/38

All: -109.097 $\pm$ 36.100 χ^2/NDF : 121.1/74

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 267.282+/-0.048 χ^2/NDF : 694904.1/20

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 271.854+/-0.050 χ^2/NDF : 574831.3/18

Left: 269.456+/-0.035 χ^2/NDF : 1274066.1/39

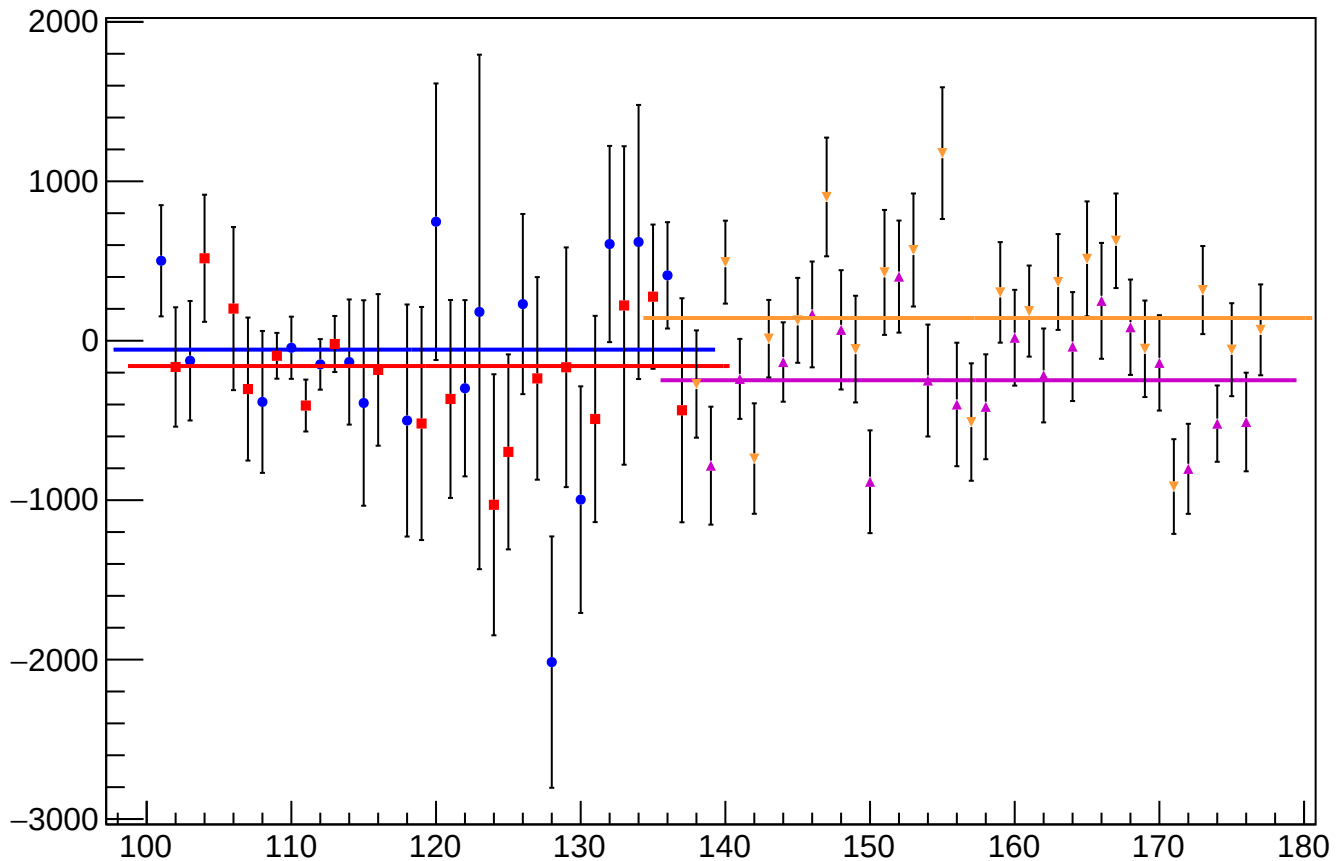
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 231.110+/-0.038 χ^2/NDF : 6340209.2/35

Out: 209.830+/-0.034 χ^2/NDF : 8428710.0/38

All: 219.368+/-0.026 χ^2/NDF : 14940802.4/74

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 142.533 ± 67.626 χ^2/NDF : 44.6/20

Right Out: -158.676 ± 77.072 χ^2/NDF : 10.4/17

Left In: -247.757 ± 70.921 χ^2/NDF : 22.6/18

Left: -43.337 ± 48.942 χ^2/NDF : 83.0/39

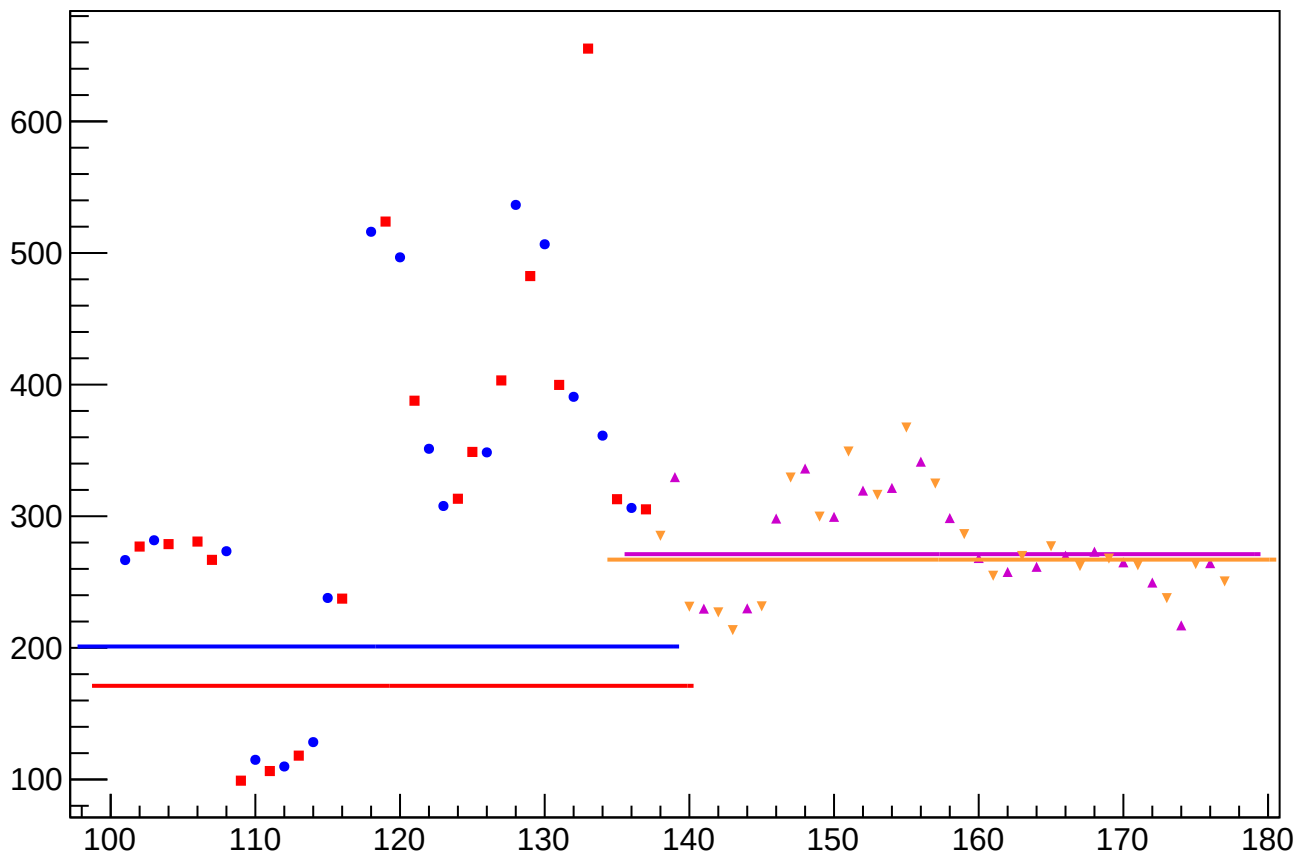
Right: -115.437 ± 58.697 χ^2/NDF : 28.3/34

In: -174.767 ± 55.839 χ^2/NDF : 42.5/35

Out: 11.508 ± 50.832 χ^2/NDF : 63.6/38

All: -72.906 ± 37.590 χ^2/NDF : 112.2/74

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 267.041 $\pm$ 0.048 χ^2/NDF : 615333.1/20

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 271.191 $\pm$ 0.050 χ^2/NDF : 528752.7/18

Left: 269.018 $\pm$ 0.035 χ^2/NDF : 1147672.5/39

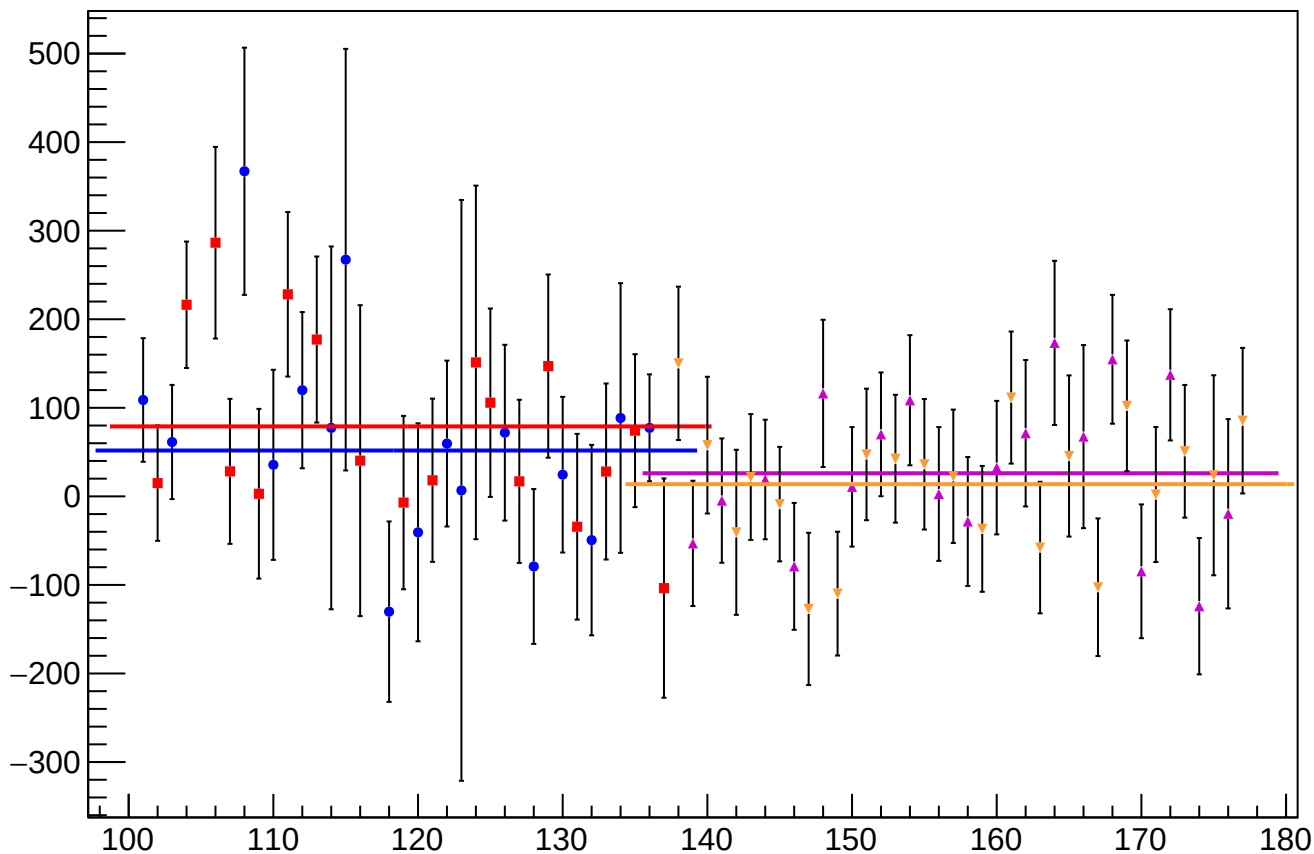
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 244.526 $\pm$ 0.039 χ^2/NDF : 4705629.8/35

Out: 225.333 $\pm$ 0.036 χ^2/NDF : 6429824.5/38

All: 234.031 $\pm$ 0.027 χ^2/NDF : 11264667.3/74

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: 13.756 $\pm$ 16.824 χ^2 /NDF:17.6/20

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 26.110 $\pm$ 17.487 χ^2 /NDF:21.7/18

Left: 19.694 $\pm$ 12.124 χ^2 /NDF: 39.5/39

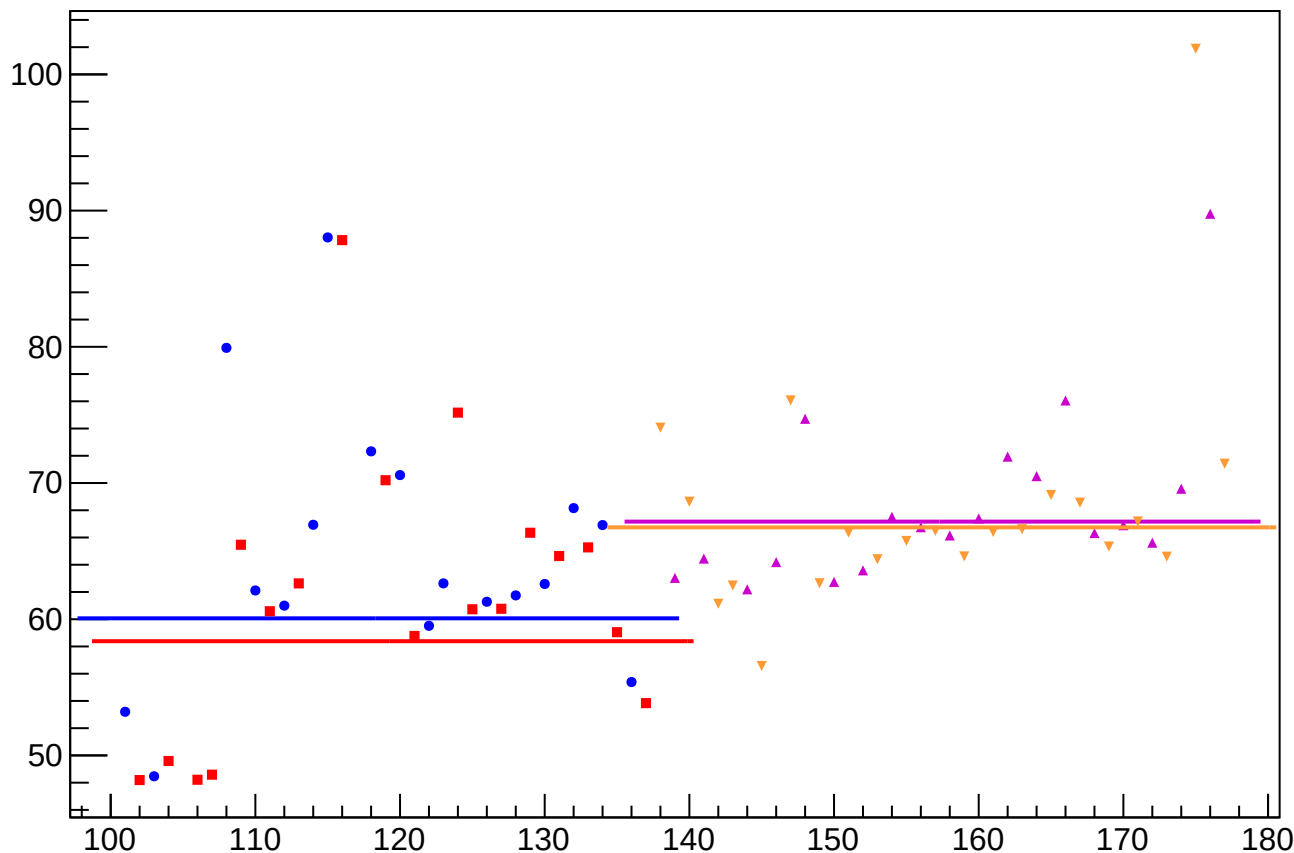
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.246 $\pm$ 14.037 χ^2 /NDF:37.0/35

Out: 37.157 $\pm$ 13.474 χ^2 /NDF:41.9/38

All: 36.240 $\pm$ 9.720 χ^2 /NDF: 78.9/74

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 66.744 $\pm$ 0.012 χ^2 /NDF: 319253.7/20

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 67.167 $\pm$ 0.012 χ^2 /NDF: 171609.4/18

Left: 66.947 $\pm$ 0.009 χ^2 /NDF: 491470.7/39

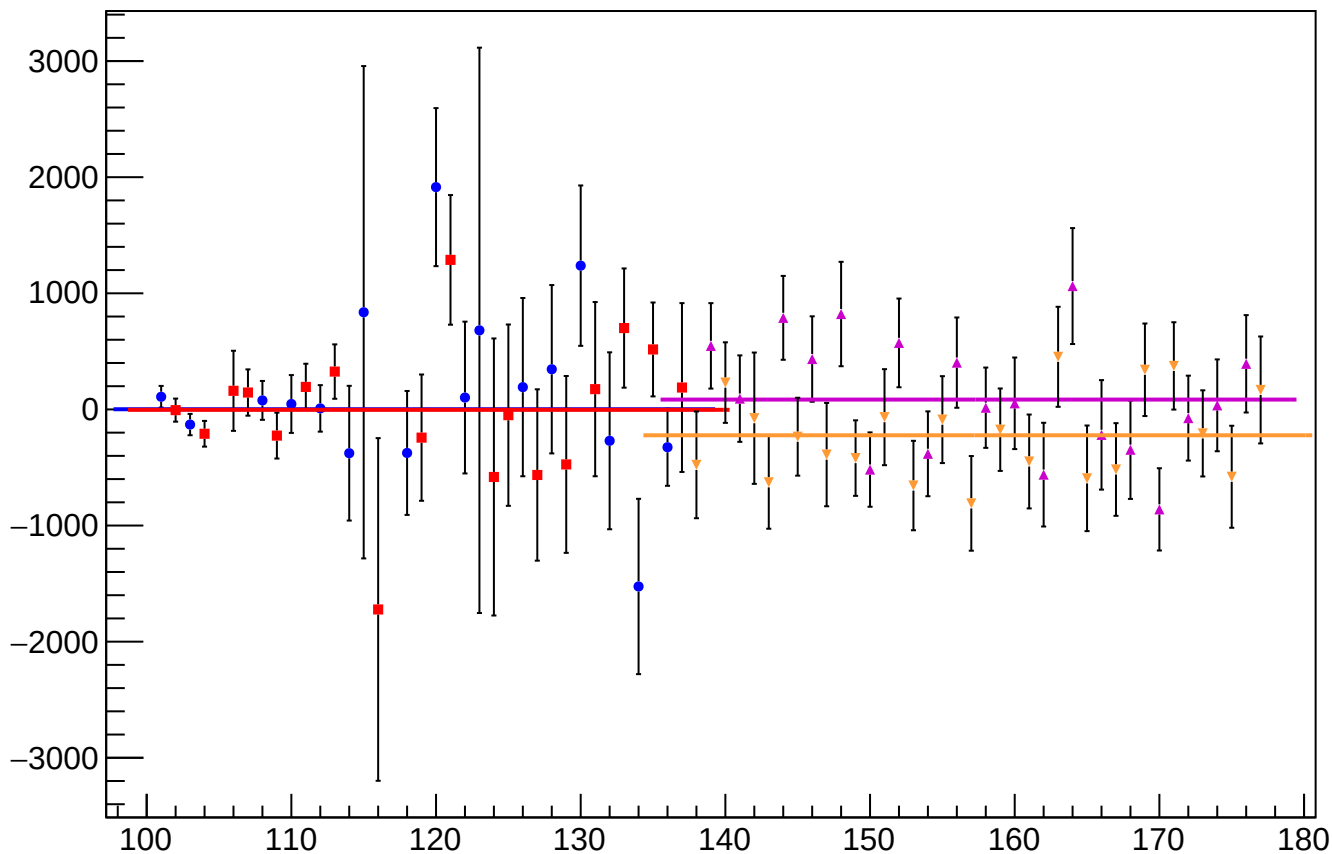
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 64.641 $\pm$ 0.010 χ^2 /NDF: 518017.0/35

Out: 63.747 $\pm$ 0.010 χ^2 /NDF: 771246.0/38

All: 64.176 $\pm$ 0.007 χ^2 /NDF: 1293489.4/74

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -222.669 ± 86.820 $\chi^2/\text{NDF}: 17.1/20$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 84.770 ± 88.827 $\chi^2/\text{NDF}: 31.7/18$

Left: -72.463 ± 62.088 $\chi^2/\text{NDF}: 55.0/39$

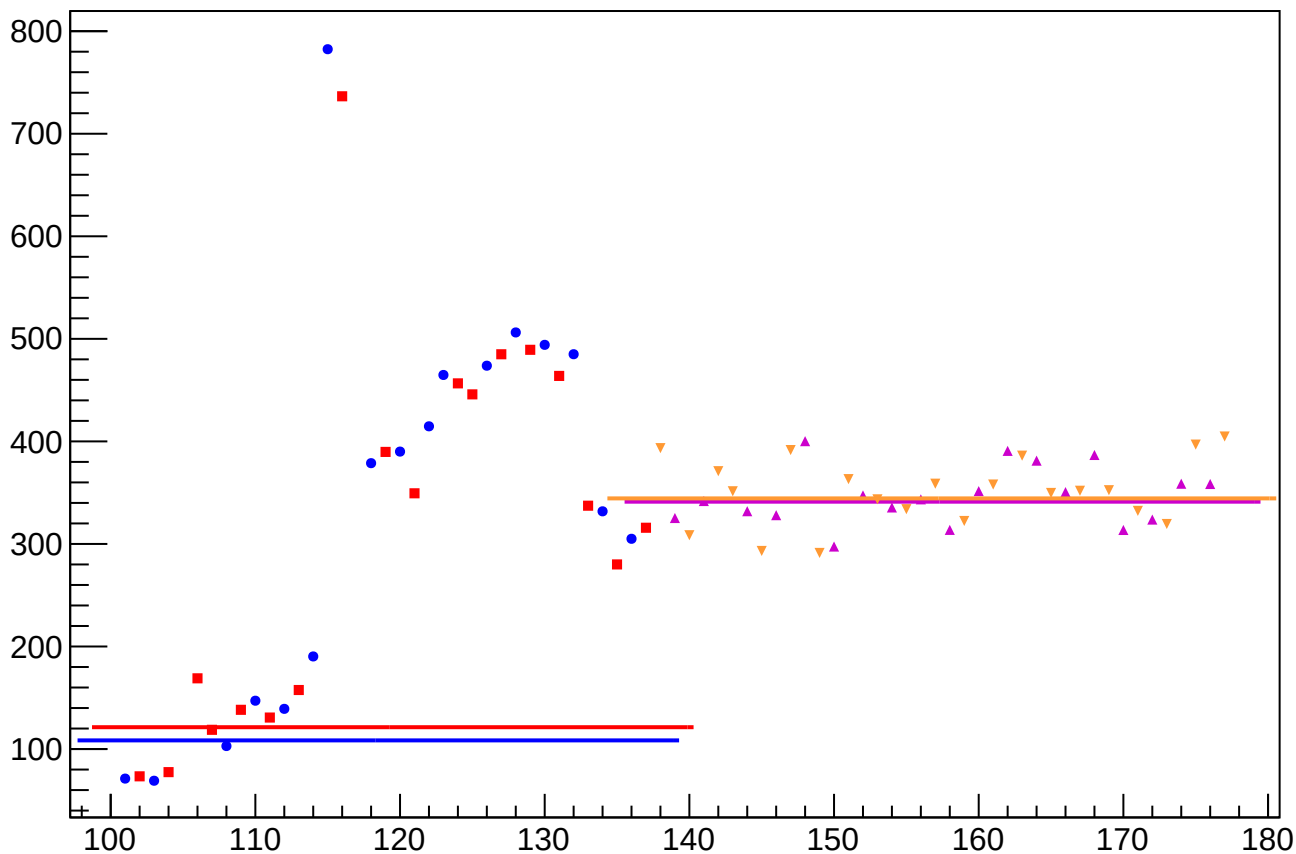
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 24.201 ± 46.319 $\chi^2/\text{NDF}: 53.8/35$

Out: -68.705 ± 47.421 $\chi^2/\text{NDF}: 41.9/38$

All: -21.160 ± 33.135 $\chi^2/\text{NDF}: 97.6/74$

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: 344.415 $\pm$ 0.061 χ^2 /NDF: 284447.5/20

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 341.214 $\pm$ 0.063 χ^2 /NDF: 179831.8/18

Left: 342.851 $\pm$ 0.044 χ^2 /NDF: 465607.5/39

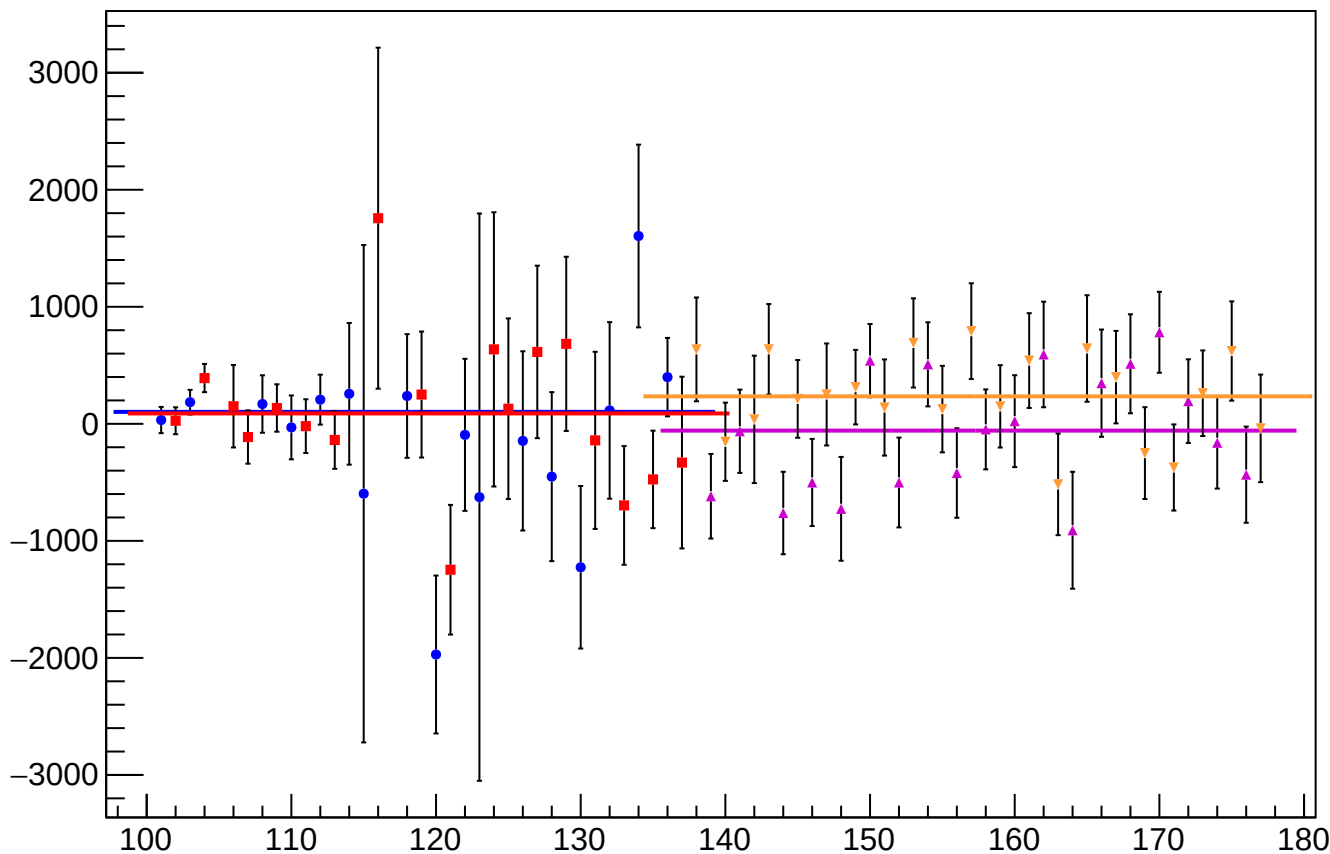
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 171.739 $\pm$ 0.033 χ^2 /NDF: 15583314.9/35

Out: 187.865 $\pm$ 0.034 χ^2 /NDF: 14283685.0/38

All: 179.613 $\pm$ 0.023 χ^2 /NDF: 29985364.3/74

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 234.837 $\pm$ 85.508 χ^2 /NDF:16.9/20

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -57.891 $\pm$ 87.553 χ^2 /NDF:33.4/18

Left: 91.931 $\pm$ 61.174 χ^2 /NDF: 56.0/39

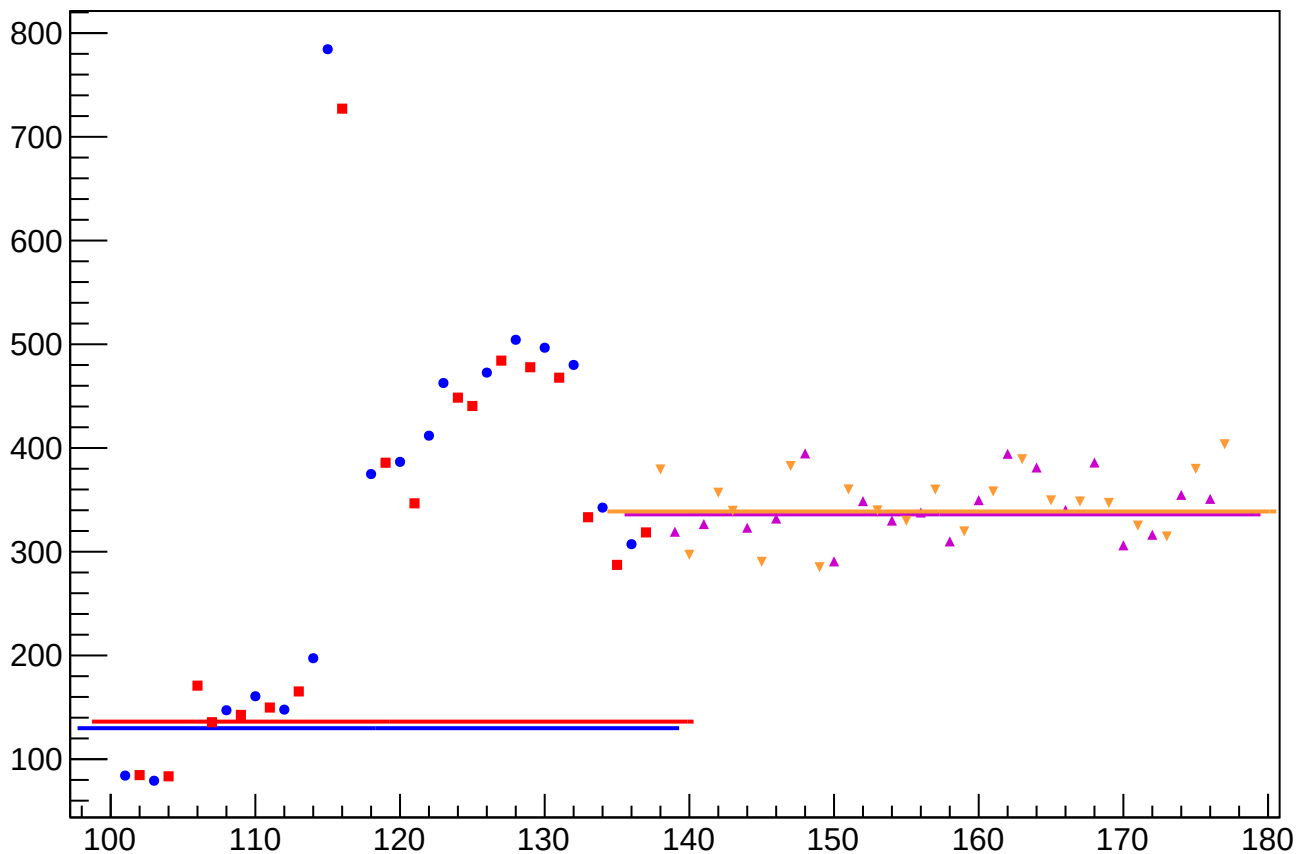
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 47.455 $\pm$ 51.205 χ^2 /NDF:55.9/35

Out: 139.393 $\pm$ 50.316 χ^2 /NDF:40.6/38

All: 94.229 $\pm$ 35.889 χ^2 /NDF: 98.1/74

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 338.810+/-0.060 χ^2/NDF : 292457.8/20

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 336.006+/-0.062 χ^2/NDF : 208673.4/18

Left: 337.441+/-0.043 χ^2/NDF : 502180.8/39

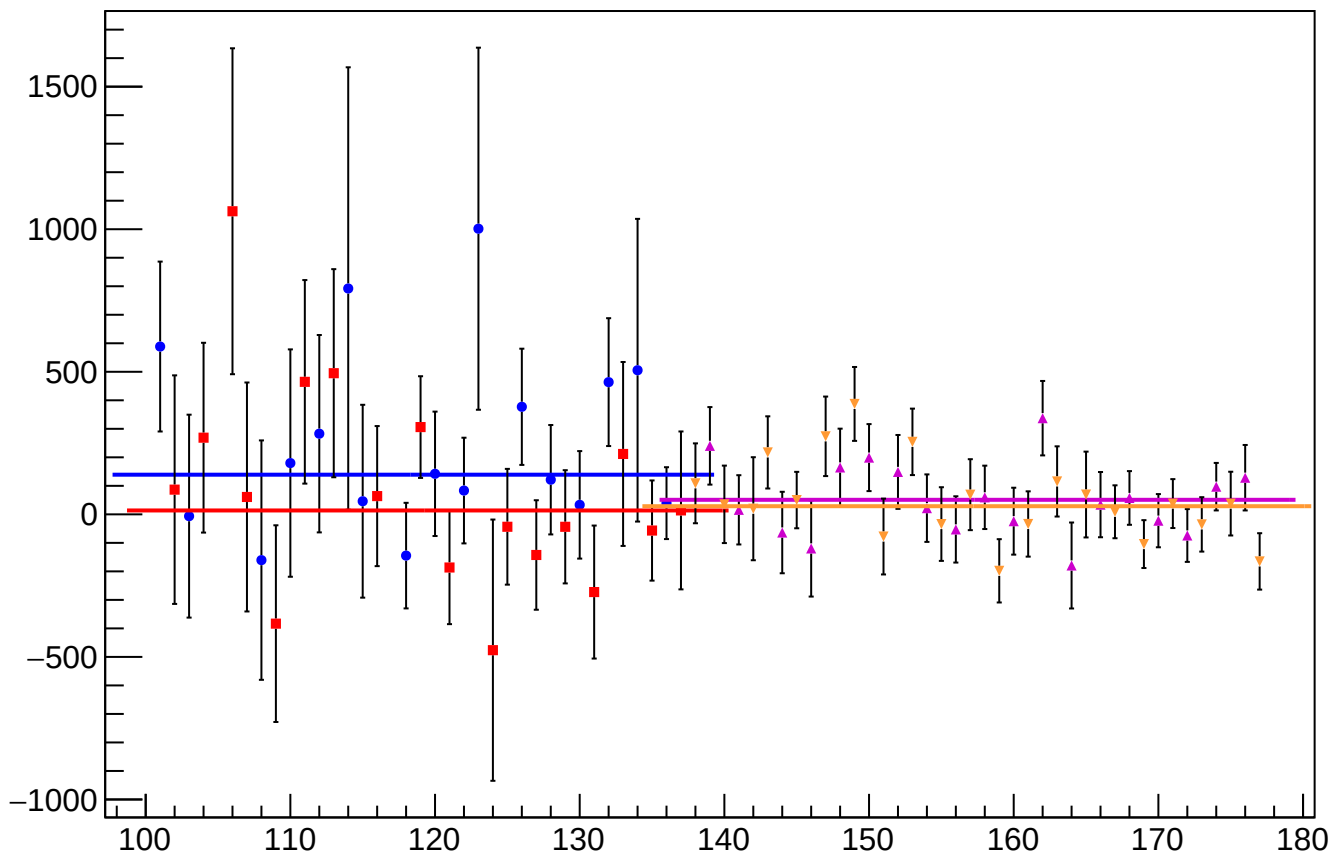
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 200.388+/-0.036 χ^2/NDF : 12331638.6/35

Out: 206.371+/-0.036 χ^2/NDF : 11914260.2/38

All: 203.432+/-0.025 χ^2/NDF : 24259792.2/74

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: 28.580 $\pm$ 24.848 χ^2/NDF :30.0/20

Right Out: 13.637 $\pm$ 60.127 χ^2/NDF : 16.4/17

Left In: 51.012 $\pm$ 26.404 χ^2/NDF :18.2/18

Left: 39.116 $\pm$ 18.095 χ^2/NDF : 48.5/39

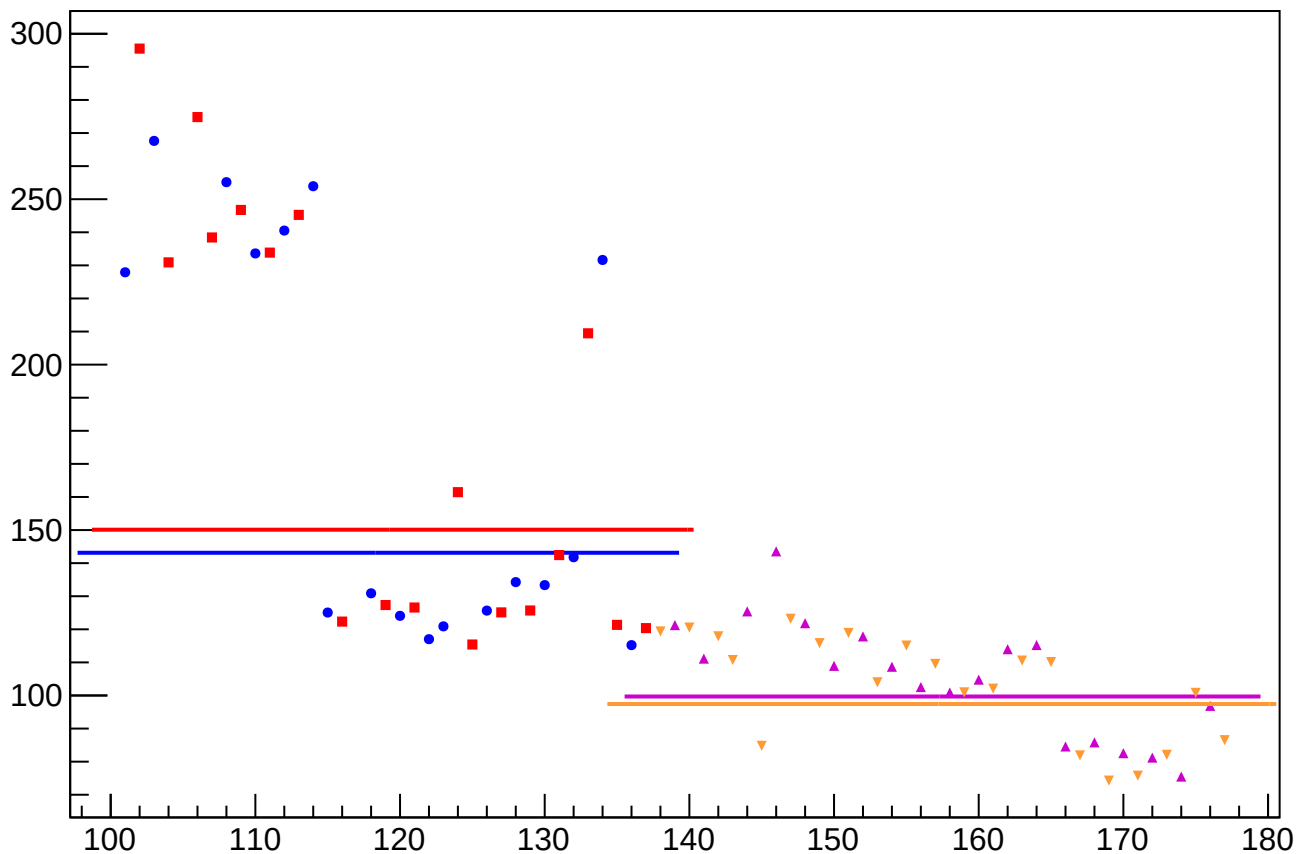
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 66.141 $\pm$ 24.030 χ^2/NDF :33.2/35

Out: 26.401 $\pm$ 22.964 χ^2/NDF :46.4/38

All: 45.370 $\pm$ 16.602 χ^2/NDF : 81.1/74

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: 97.421 $\pm$ 0.018 χ^2 /NDF: 866935.9/20

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.692 $\pm$ 0.019 χ^2 /NDF: 830156.1/18

Left: 98.488 $\pm$ 0.013 χ^2 /NDF: 1704936.1/39

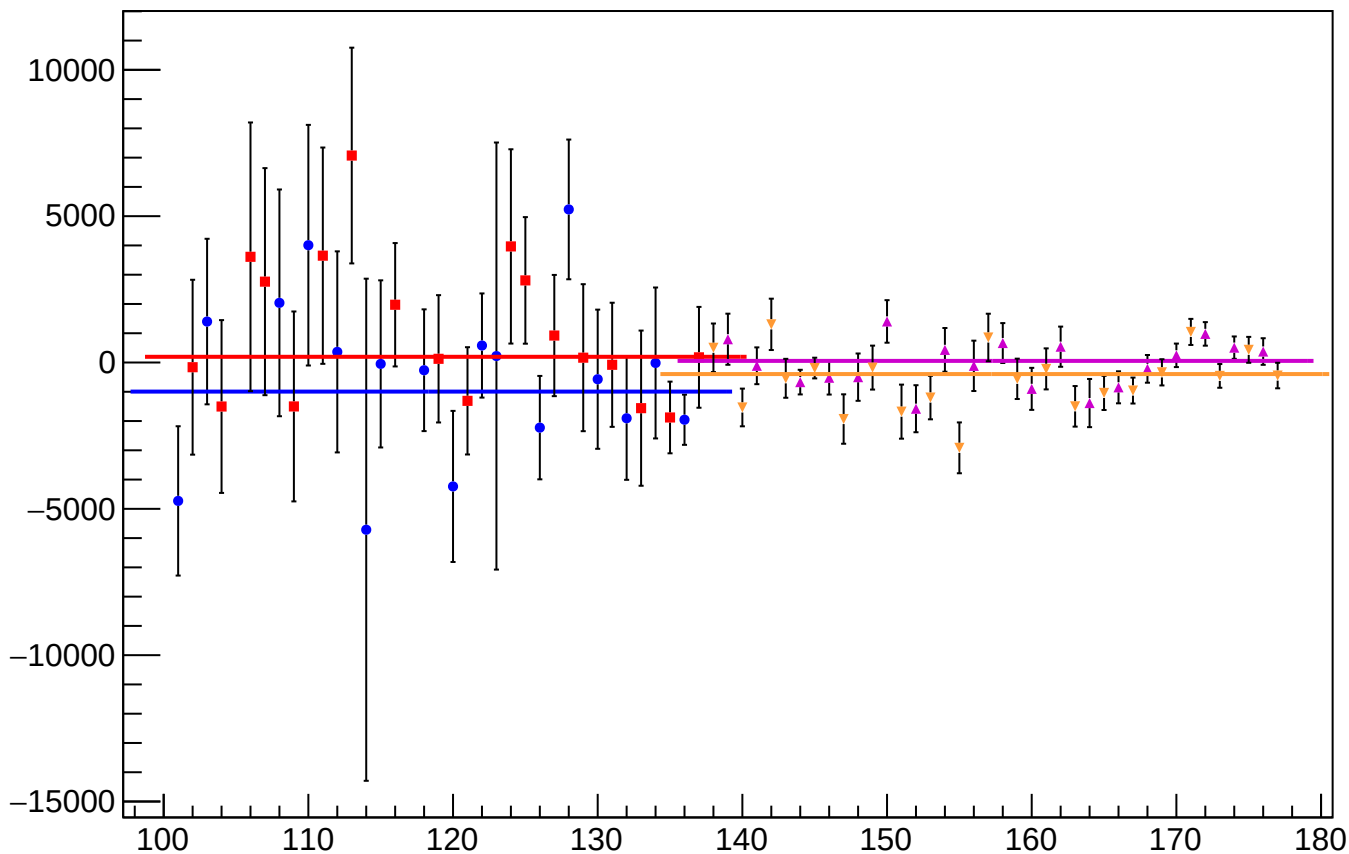
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 107.154 $\pm$ 0.017 χ^2 /NDF: 2861555.0/35

Out: 105.107 $\pm$ 0.016 χ^2 /NDF: 3511414.6/38

All: 106.084 $\pm$ 0.012 χ^2 /NDF: 6380558.2/74

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -394.964+/-123.892 χ^2/NDF : 45.2/20

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 55.159+/-128.873 χ^2/NDF : 29.7/18

Left: -178.769+/-89.314 χ^2/NDF : 81.2/39

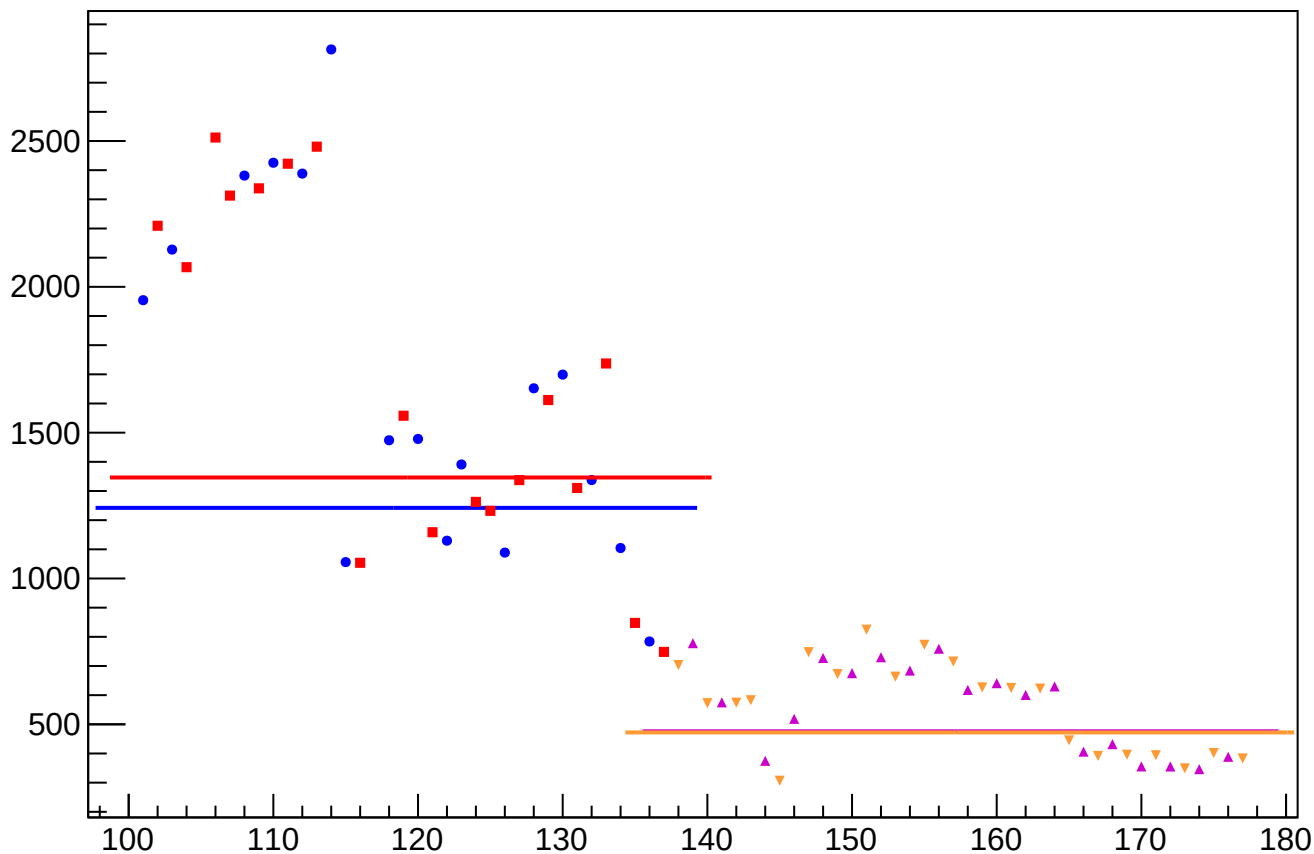
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -6.325+/-125.039 χ^2/NDF : 50.5/35

Out: -365.853+/-120.797 χ^2/NDF : 59.9/38

All: -192.291+/-86.878 χ^2/NDF : 114.7/74

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 472.223 $\pm$ 0.088 χ^2 /NDF: 2719423.9/20

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 476.093 $\pm$ 0.091 χ^2 /NDF: 2374357.0/18

Left: 474.082 $\pm$ 0.063 χ^2 /NDF: 5094718.1/39

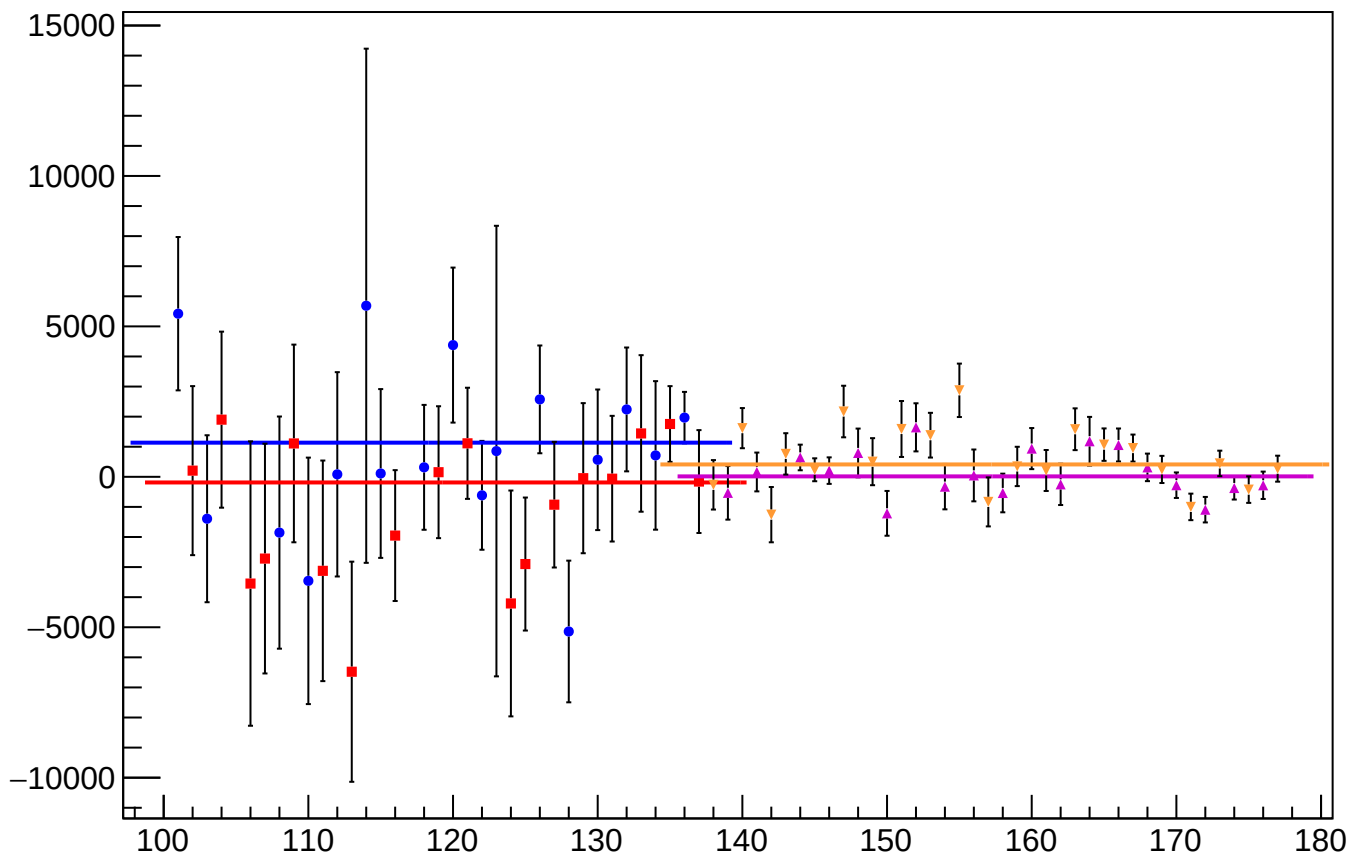
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 520.997 $\pm$ 0.088 χ^2 /NDF: 8284307.4/35

Out: 515.352 $\pm$ 0.085 χ^2 /NDF: 9440842.6/38

All: 518.078 $\pm$ 0.061 χ^2 /NDF: 17727258.4/74

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 411.737 $\pm$ 125.192 χ^2/NDF : 45.3/20

Right Out: -187.508 $\pm$ 548.191 χ^2/NDF : 12.0/17

Left In: 14.560 $\pm$ 127.615 χ^2/NDF : 28.4/18

Left: 216.954 $\pm$ 89.369 χ^2/NDF : 78.6/39

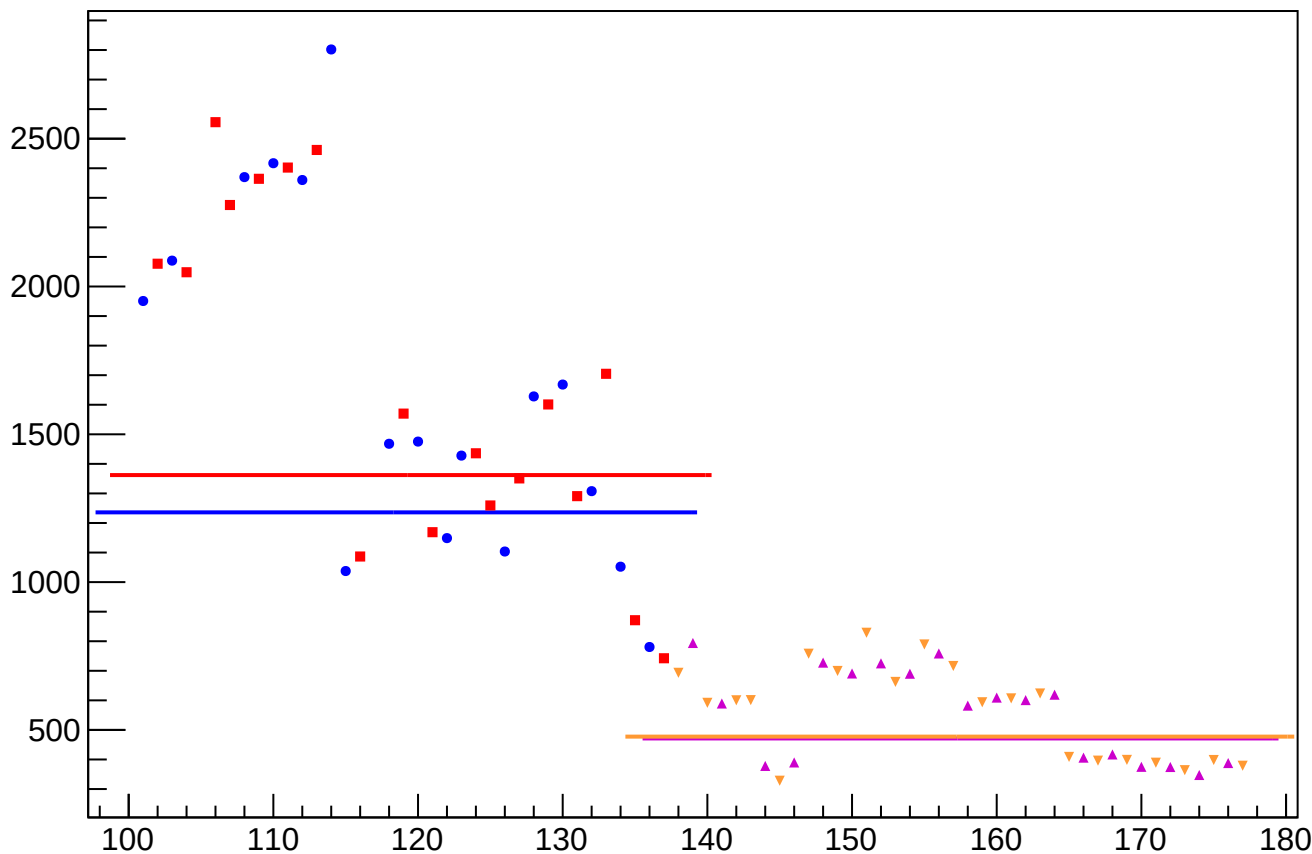
Right: 516.685 $\pm$ 374.869 χ^2/NDF : 32.9/34

In: 79.684 $\pm$ 123.851 χ^2/NDF : 50.7/35

Out: 382.033 $\pm$ 122.050 χ^2/NDF : 58.4/38

All: 233.073 $\pm$ 86.932 χ^2/NDF : 112.1/74

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 477.334+/-0.089 χ^2/NDF : 2583493.6/20

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 471.102+/-0.090 χ^2/NDF : 2278505.4/18

Left: 474.278+/-0.063 χ^2/NDF : 4864429.6/39

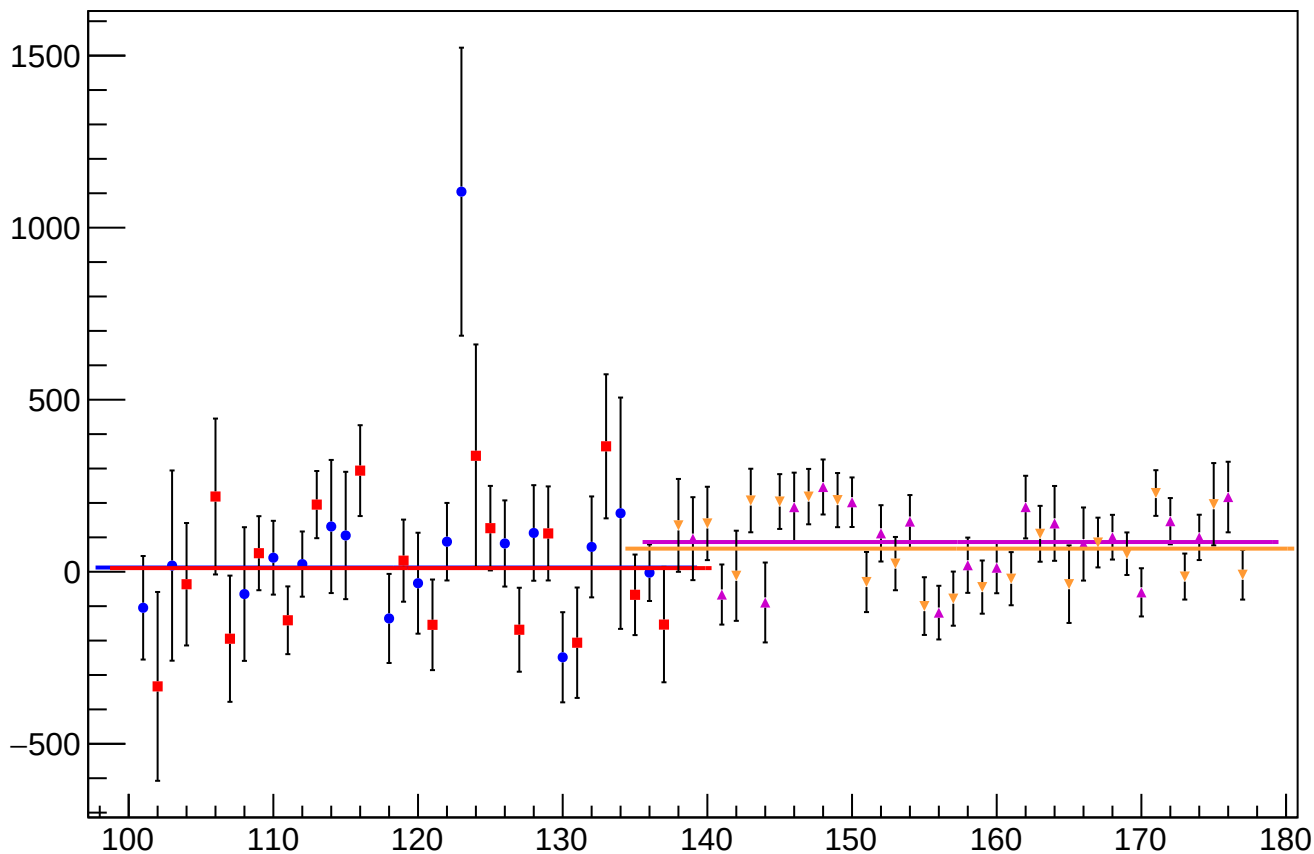
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 515.548+/-0.088 χ^2/NDF : 8198958.3/35

Out: 521.191+/-0.086 χ^2/NDF : 9244232.7/38

All: 518.411+/-0.061 χ^2/NDF : 17445297.3/74

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: 67.235 $\pm$ 17.892 χ^2 /NDF: 36.3/20

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 86.410 $\pm$ 18.822 χ^2 /NDF: 30.7/18

Left: 76.337 $\pm$ 12.968 χ^2 /NDF: 67.5/39

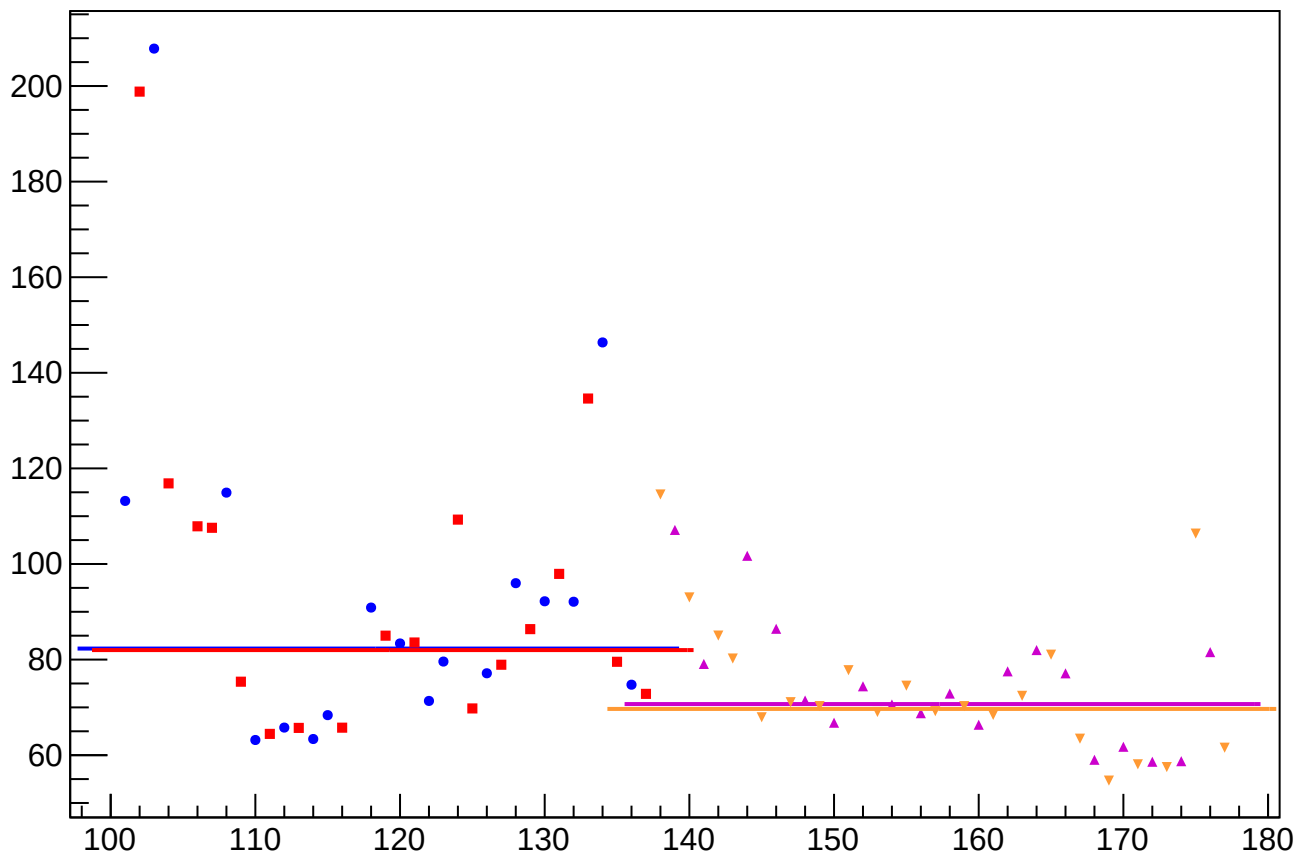
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 68.409 $\pm$ 16.377 χ^2 /NDF: 49.8/35

Out: 54.127 $\pm$ 15.686 χ^2 /NDF: 65.3/38

All: 60.960 $\pm$ 11.328 χ^2 /NDF: 115.5/74

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: 69.677 $\pm$ 0.013 χ^2 /NDF: 892448.3/20

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 70.696 $\pm$ 0.013 χ^2 /NDF: 702988.2/18

Left: 70.161 $\pm$ 0.009 χ^2 /NDF: 1598517.9/39

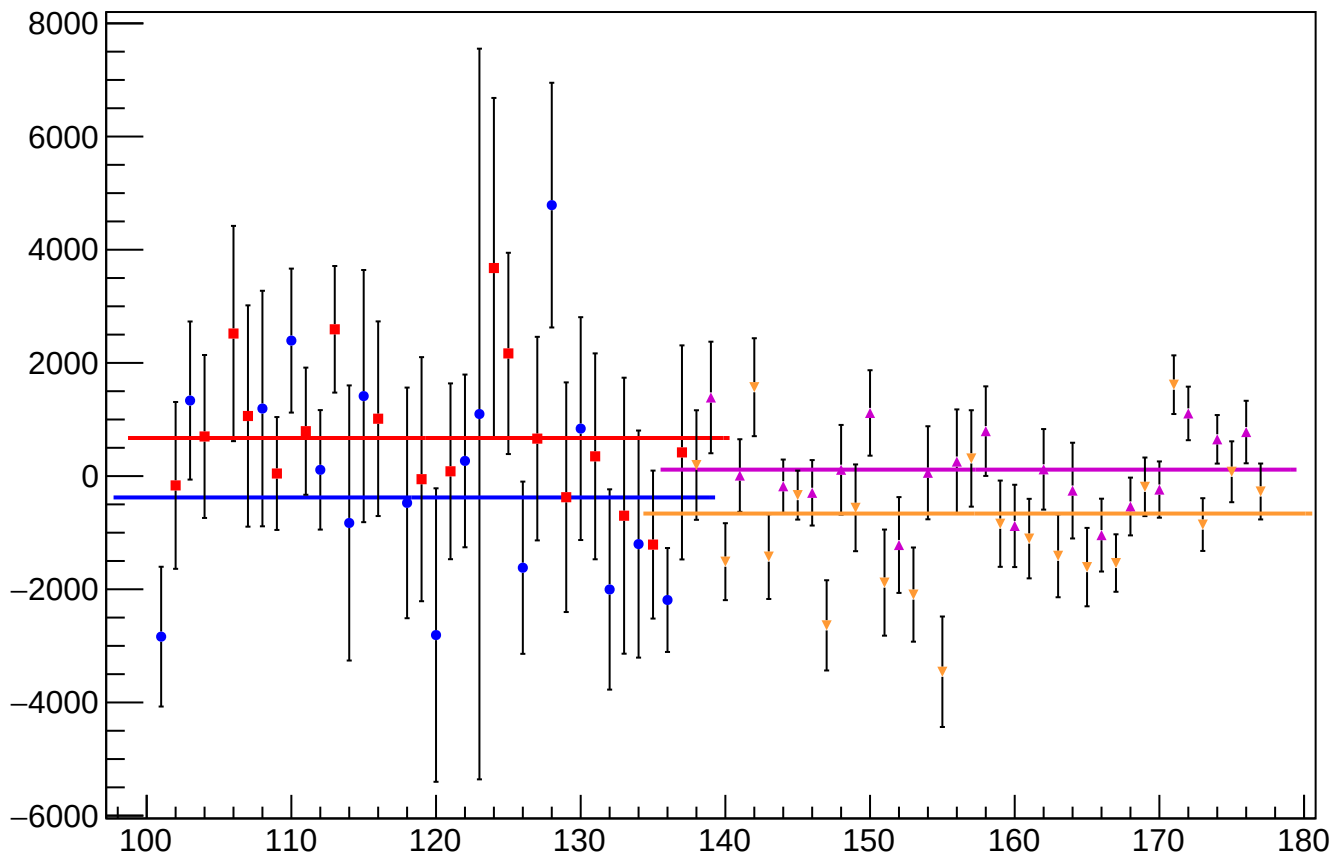
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 73.516 $\pm$ 0.012 χ^2 /NDF: 1756573.8/35

Out: 72.526 $\pm$ 0.011 χ^2 /NDF: 1964781.6/38

All: 73.000 $\pm$ 0.008 χ^2 /NDF: 3725172.3/74

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -662.047 ± 139.807 $\chi^2/\text{NDF}: 60.1/20$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 114.145 ± 143.333 $\chi^2/\text{NDF}: 22.4/18$

Left: -283.615 ± 100.082 $\chi^2/\text{NDF}: 97.5/39$

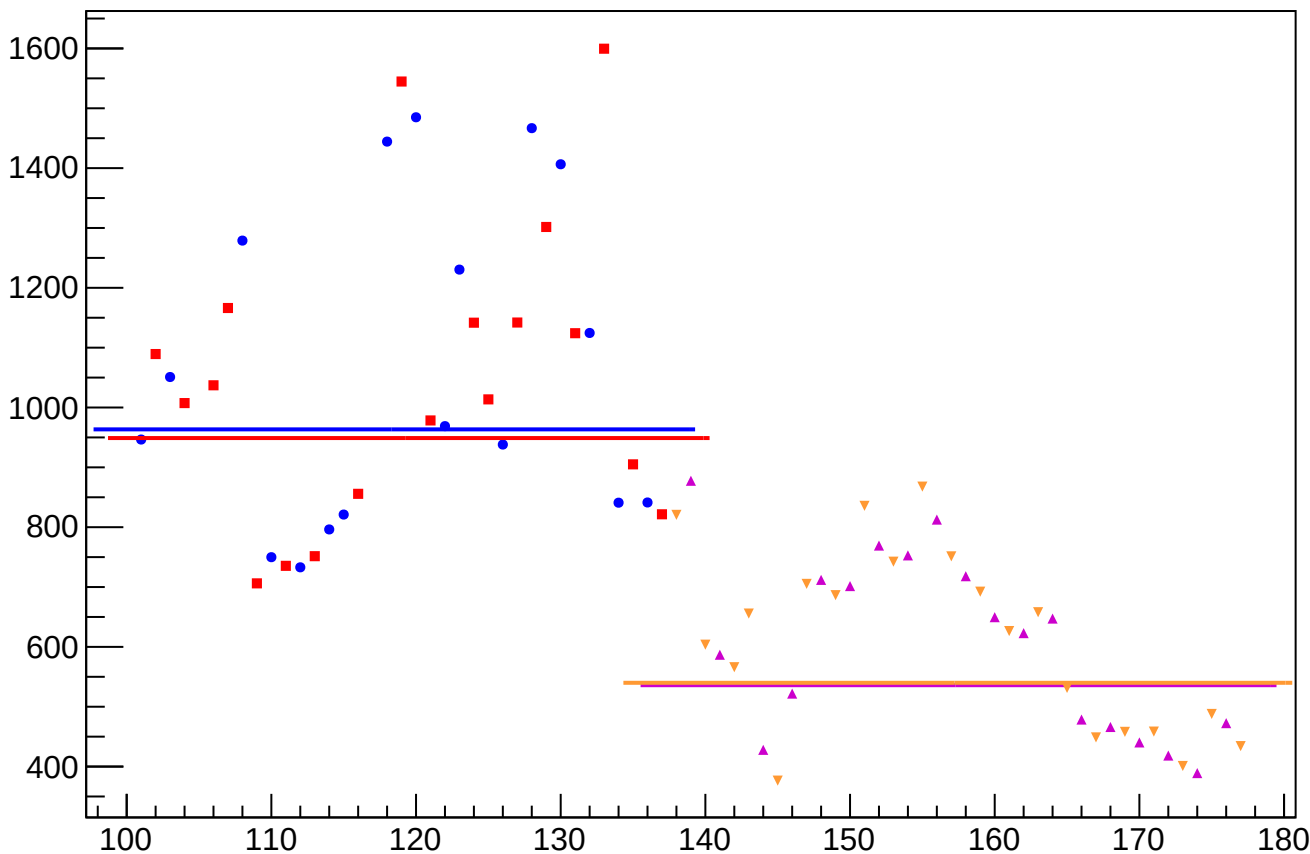
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: 54.016 ± 134.279 $\chi^2/\text{NDF}: 48.3/35$

Out: -494.133 ± 130.721 $\chi^2/\text{NDF}: 80.9/38$

All: -227.417 ± 93.666 $\chi^2/\text{NDF}: 137.8/74$

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: 539.996 $\pm$ 0.099 χ^2 /NDF:1960392.2/20

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 535.970 $\pm$ 0.101 χ^2 /NDF:1756031.6/18

Left: 538.033 $\pm$ 0.071 χ^2 /NDF: 3717232.7/39

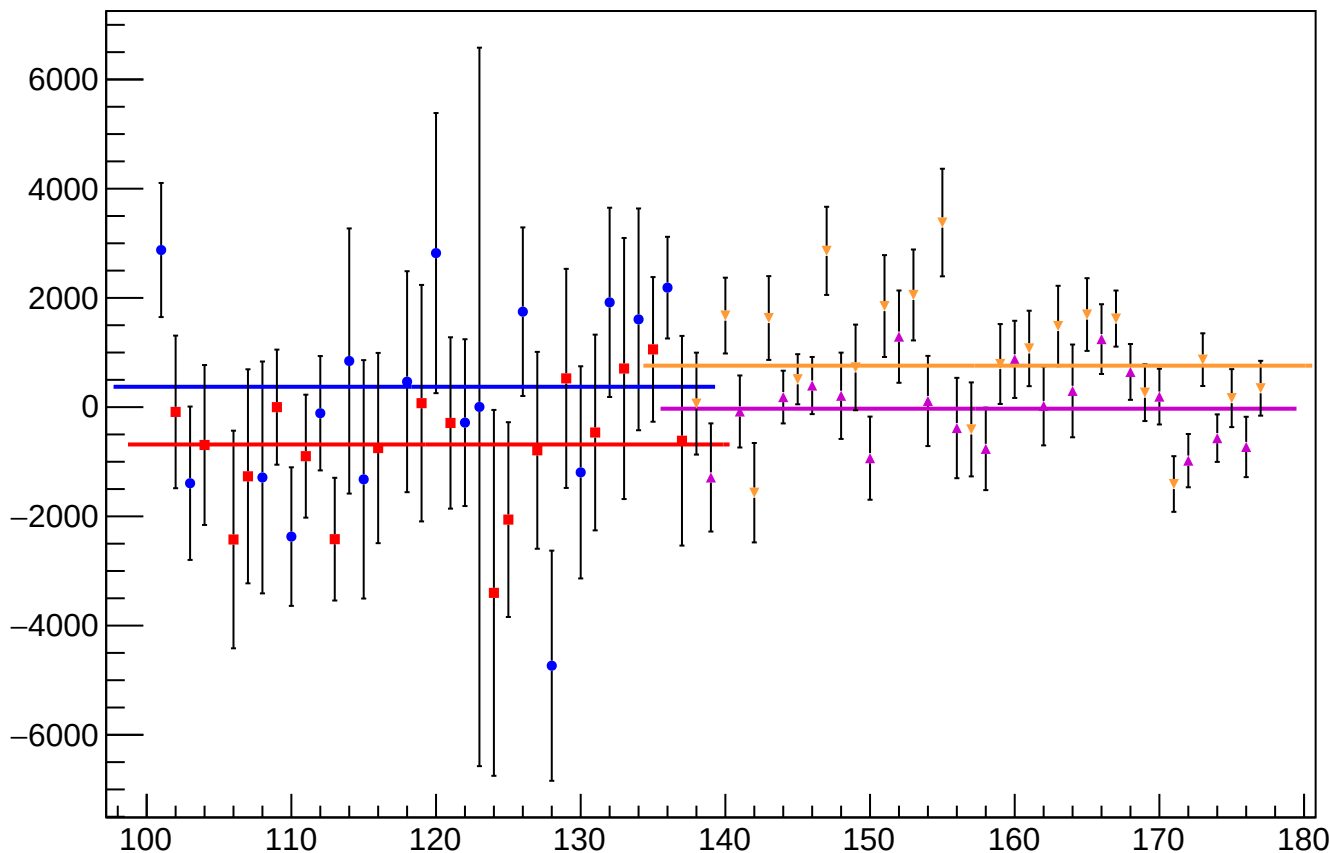
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 588.272 $\pm$ 0.095 χ^2 /NDF:4621585.0/35

Out: 591.424 $\pm$ 0.092 χ^2 /NDF:4841754.3/38

All: 589.891 $\pm$ 0.066 χ^2 /NDF: 9463905.0/74

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 759.764 $\pm$ 141.092 χ^2 /NDF:56.9/20

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: -28.547 $\pm$ 143.470 χ^2 /NDF:22.2/18

Left: 372.196 $\pm$ 100.598 χ^2 /NDF: 94.4/39

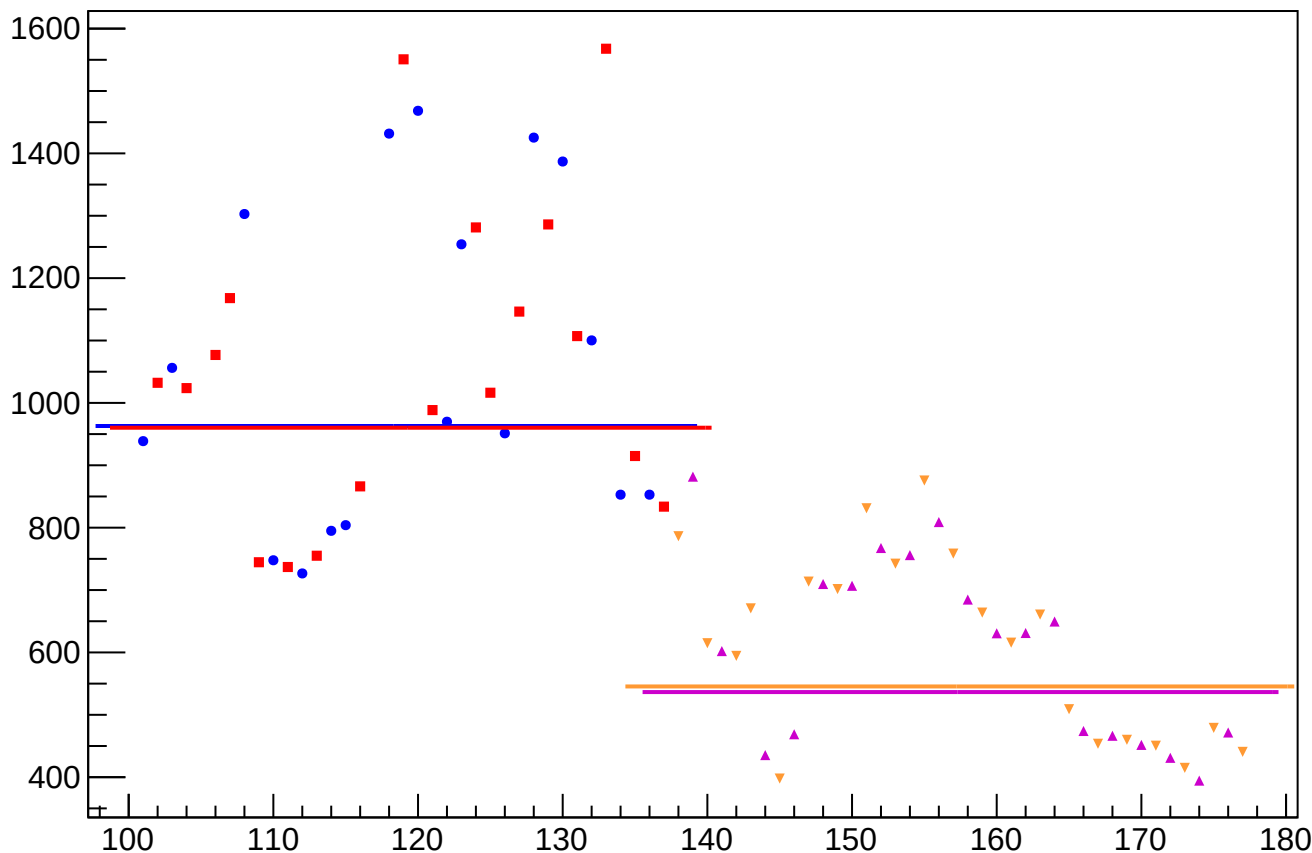
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 20.703 $\pm$ 134.382 χ^2 /NDF:48.4/35

Out: 578.598 $\pm$ 131.941 χ^2 /NDF:77.8/38

All: 304.763 $\pm$ 94.147 χ^2 /NDF: 134.9/74

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 545.461 $\pm$ 0.100 χ^2 /NDF: 1812213.3/20

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 536.454 $\pm$ 0.101 χ^2 /NDF: 1675091.8/18

Left: 541.033 $\pm$ 0.071 χ^2 /NDF: 3491311.5/39

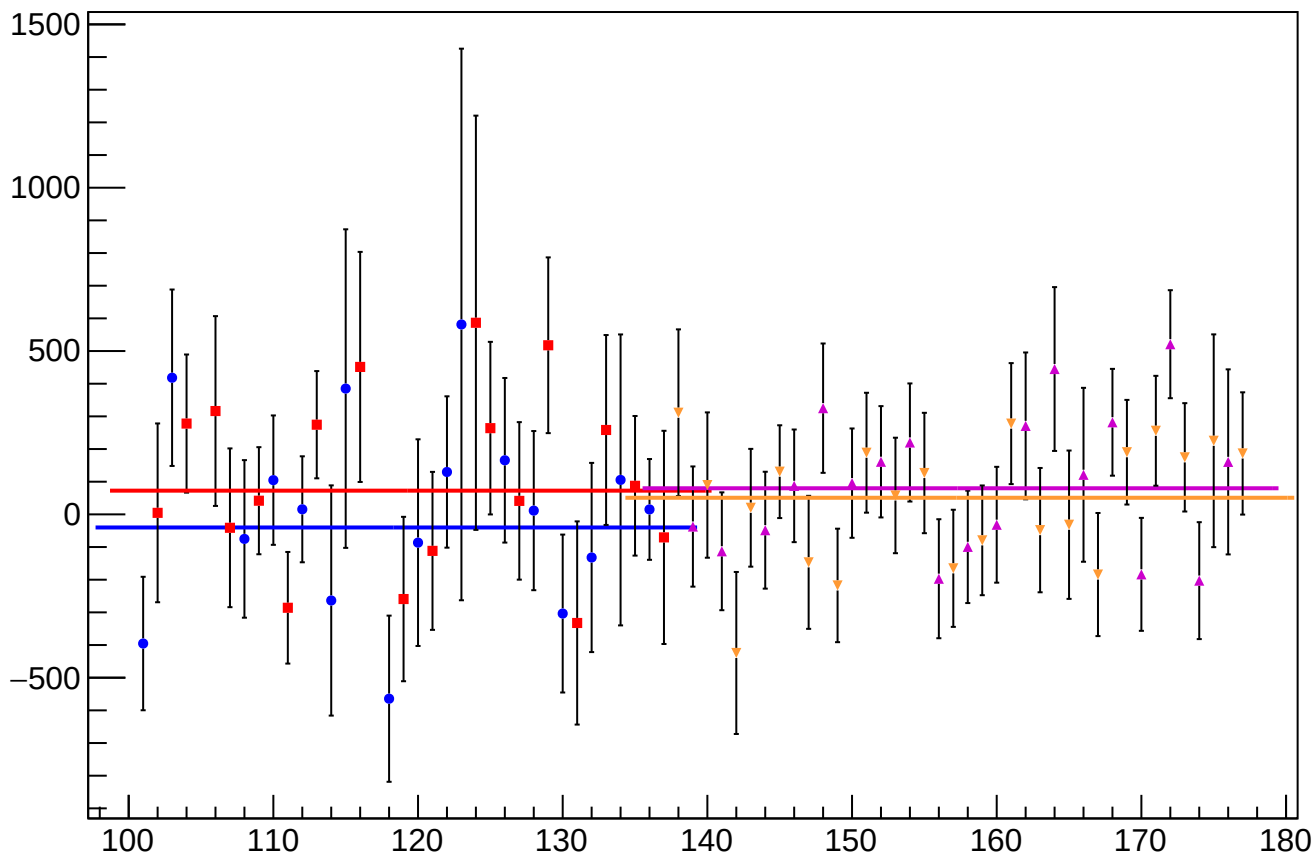
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 588.781 $\pm$ 0.095 χ^2 /NDF: 4511123.1/35

Out: 597.519 $\pm$ 0.093 χ^2 /NDF: 4652468.7/38

All: 593.230 $\pm$ 0.067 χ^2 /NDF: 9167897.9/74

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 50.823 ± 40.821 χ^2/NDF : 18.3/20

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 79.926 ± 42.714 χ^2/NDF : 24.6/18

Left: 64.715 ± 29.511 χ^2/NDF : 43.2/39

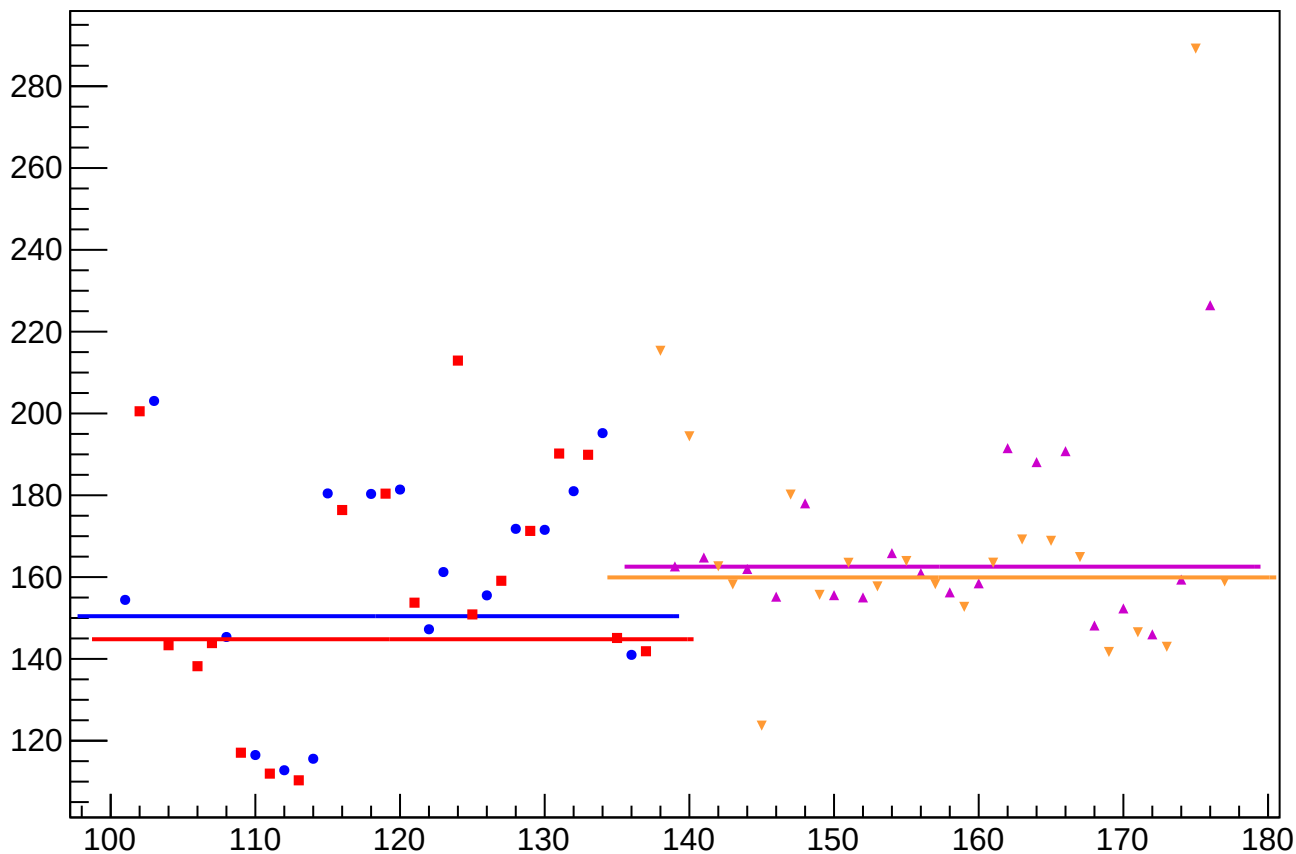
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 38.877 ± 34.650 χ^2/NDF : 42.7/35

Out: 58.326 ± 33.051 χ^2/NDF : 36.0/38

All: 49.061 ± 23.916 χ^2/NDF : 78.8/74

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: 159.923 $\pm$ 0.029 χ^2 /NDF: 684490.4/20

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 162.548 $\pm$ 0.030 χ^2 /NDF: 249477.7/18

Left: 161.176 $\pm$ 0.021 χ^2 /NDF: 937916.3/39

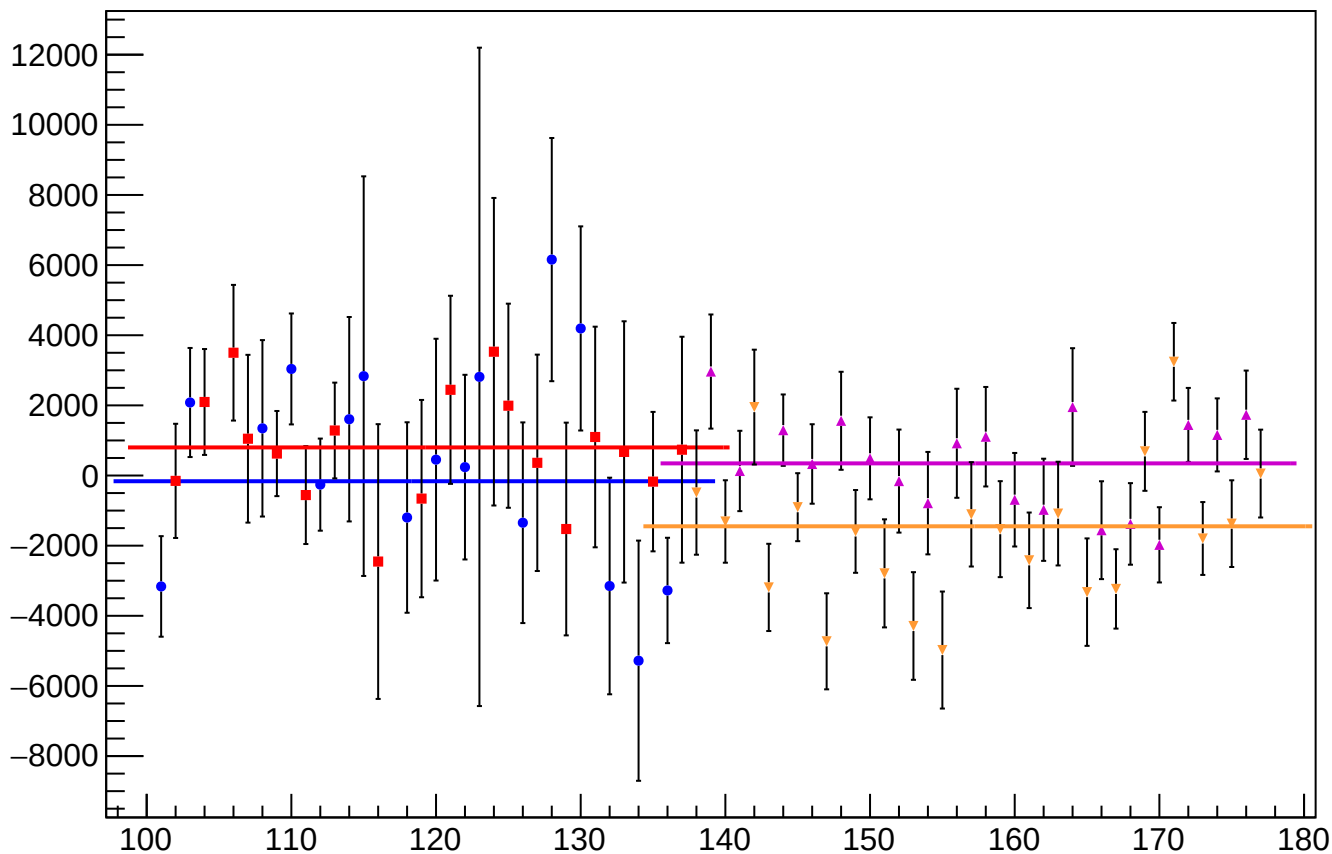
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 158.408 $\pm$ 0.025 χ^2 /NDF: 704533.6/35

Out: 154.716 $\pm$ 0.023 χ^2 /NDF: 1282816.6/38

All: 156.475 $\pm$ 0.017 χ^2 /NDF: 1999241.1/74

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: -1447.858 $\pm$ 281.765 χ^2 /NDF:49.1/20

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 346.249 $\pm$ 289.502 χ^2 /NDF:19.4/18

Left: -575.099 $\pm$ 201.918 χ^2 /NDF: 88.2/39

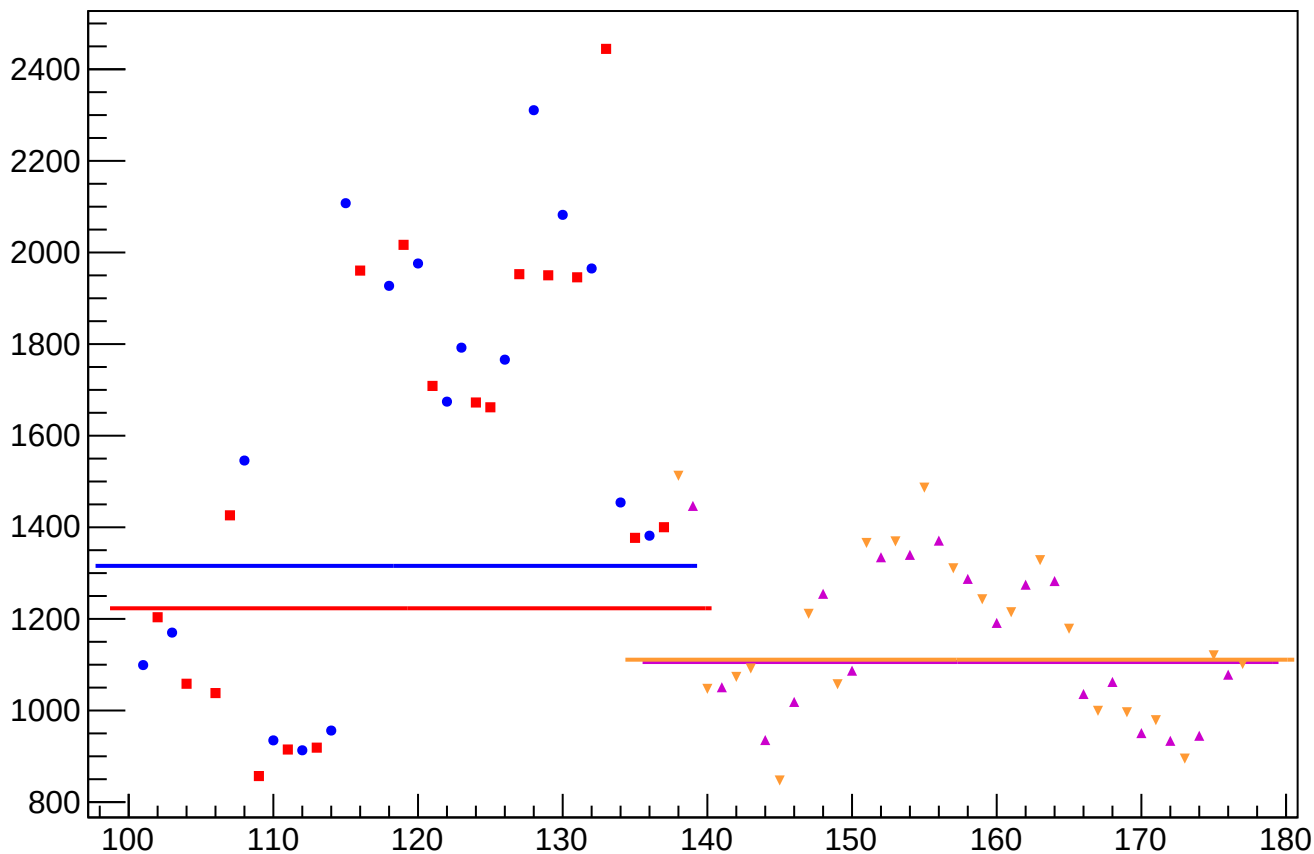
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 230.336 $\pm$ 254.416 χ^2 /NDF:45.2/35

Out: -883.145 $\pm$ 243.837 χ^2 /NDF:72.0/38

All: -350.034 $\pm$ 176.040 χ^2 /NDF: 127.1/74

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: 1110.957 $\pm$ 0.199 χ^2 /NDF: 754272.1/20

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1105.855 $\pm$ 0.205 χ^2 /NDF: 582992.2/18

Left: 1108.475 $\pm$ 0.143 χ^2 /NDF: 1337583.3/39

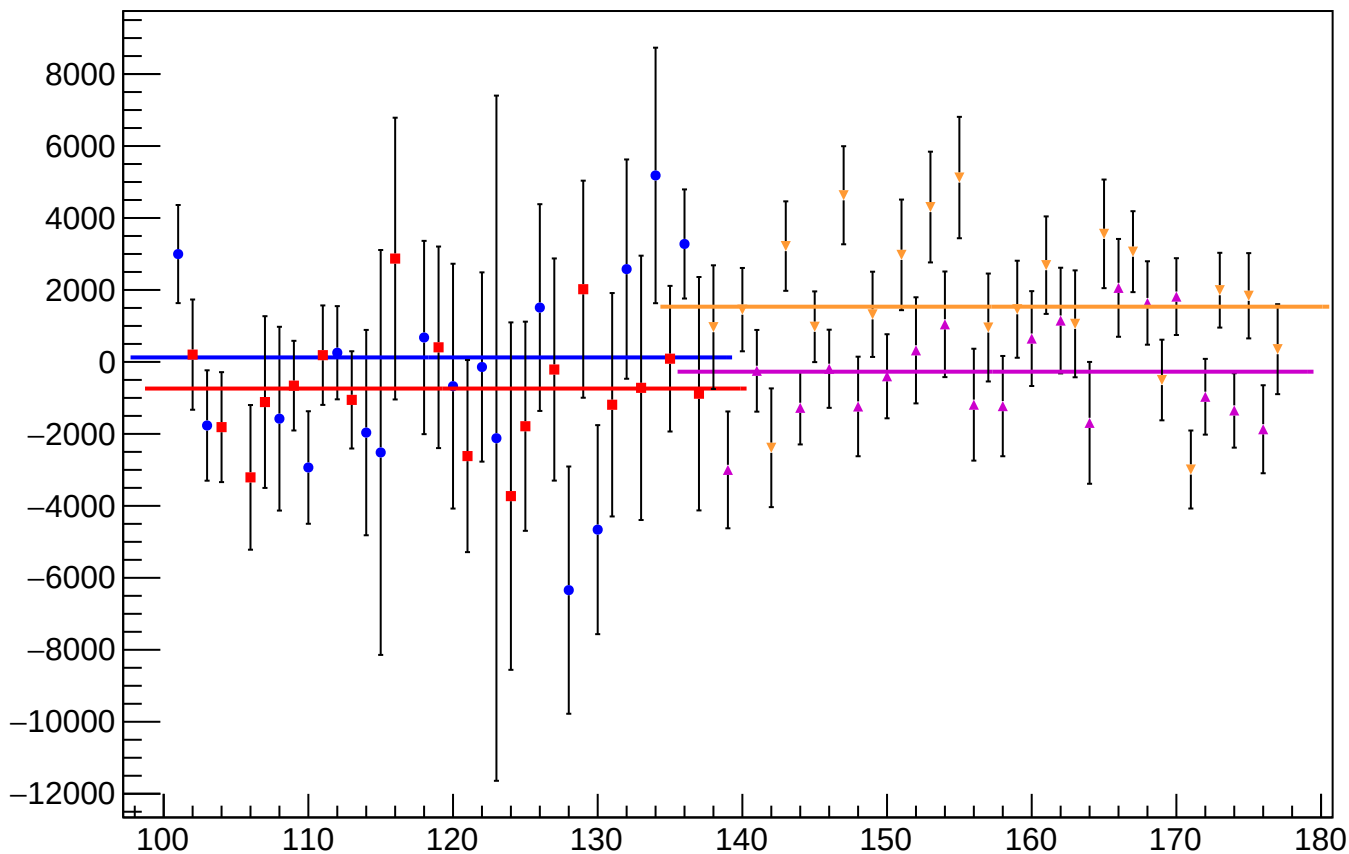
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1153.656 $\pm$ 0.180 χ^2 /NDF: 1940802.2/35

Out: 1139.135 $\pm$ 0.172 χ^2 /NDF: 2196988.6/38

All: 1146.088 $\pm$ 0.124 χ^2 /NDF: 4141186.7/74

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1534.912 $\pm$ 280.262 χ^2 /NDF:48.3/20

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -271.493 $\pm$ 287.073 χ^2 /NDF:20.9/18

Left: 653.391 $\pm$ 200.540 χ^2 /NDF: 89.5/39

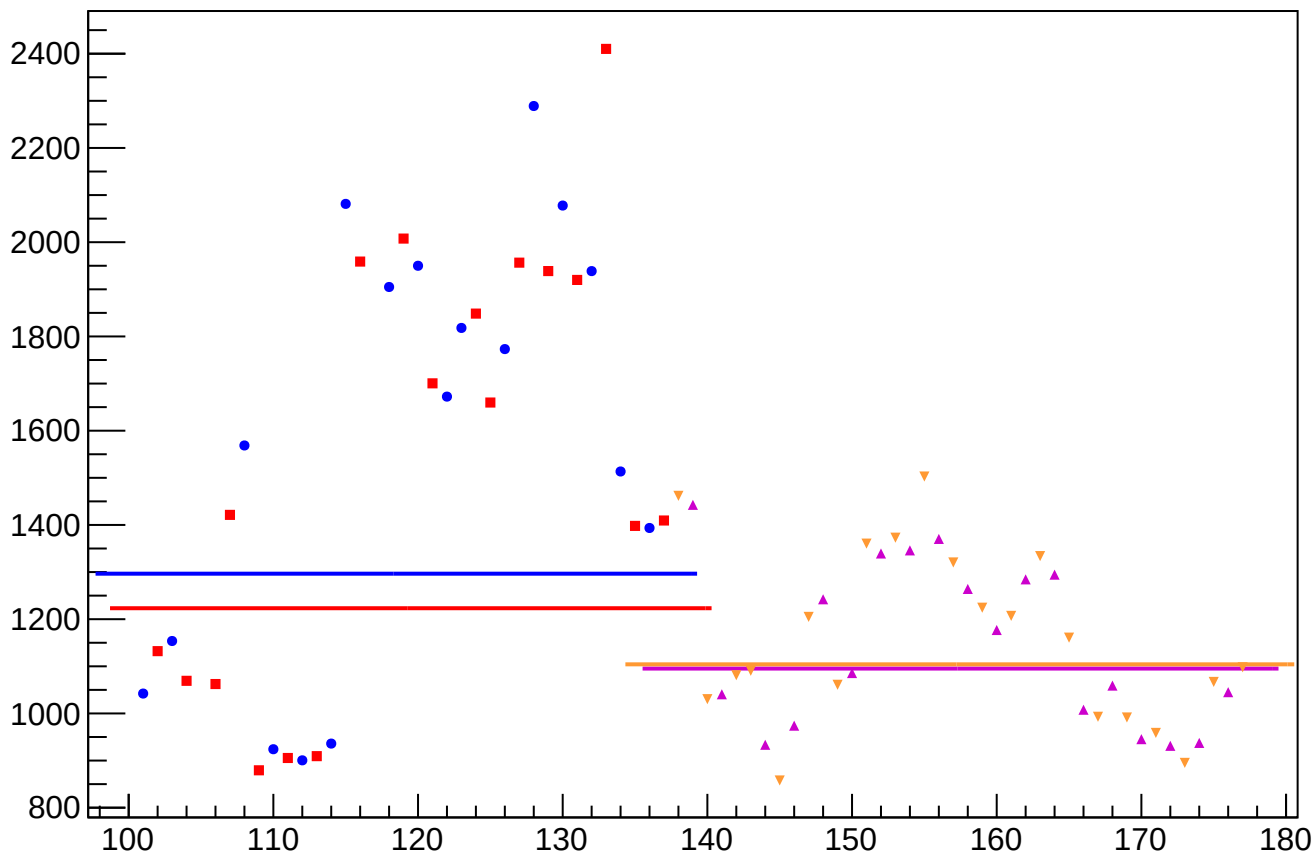
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -180.625 $\pm$ 252.075 χ^2 /NDF:46.0/35

Out: 968.614 $\pm$ 242.886 χ^2 /NDF:70.7/38

All: 415.322 $\pm$ 174.905 χ^2 /NDF: 127.5/74

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1104.211 $\pm$ 0.198 χ^2/NDF : 741431.0/20

Right Out: 1223.274 $\pm$ 0.344 χ^2/NDF : 1346689.2/17

Left In: 1095.227 $\pm$ 0.203 χ^2/NDF : 616345.8/18

Left: 1099.827 $\pm$ 0.142 χ^2/NDF : 1358779.6/39

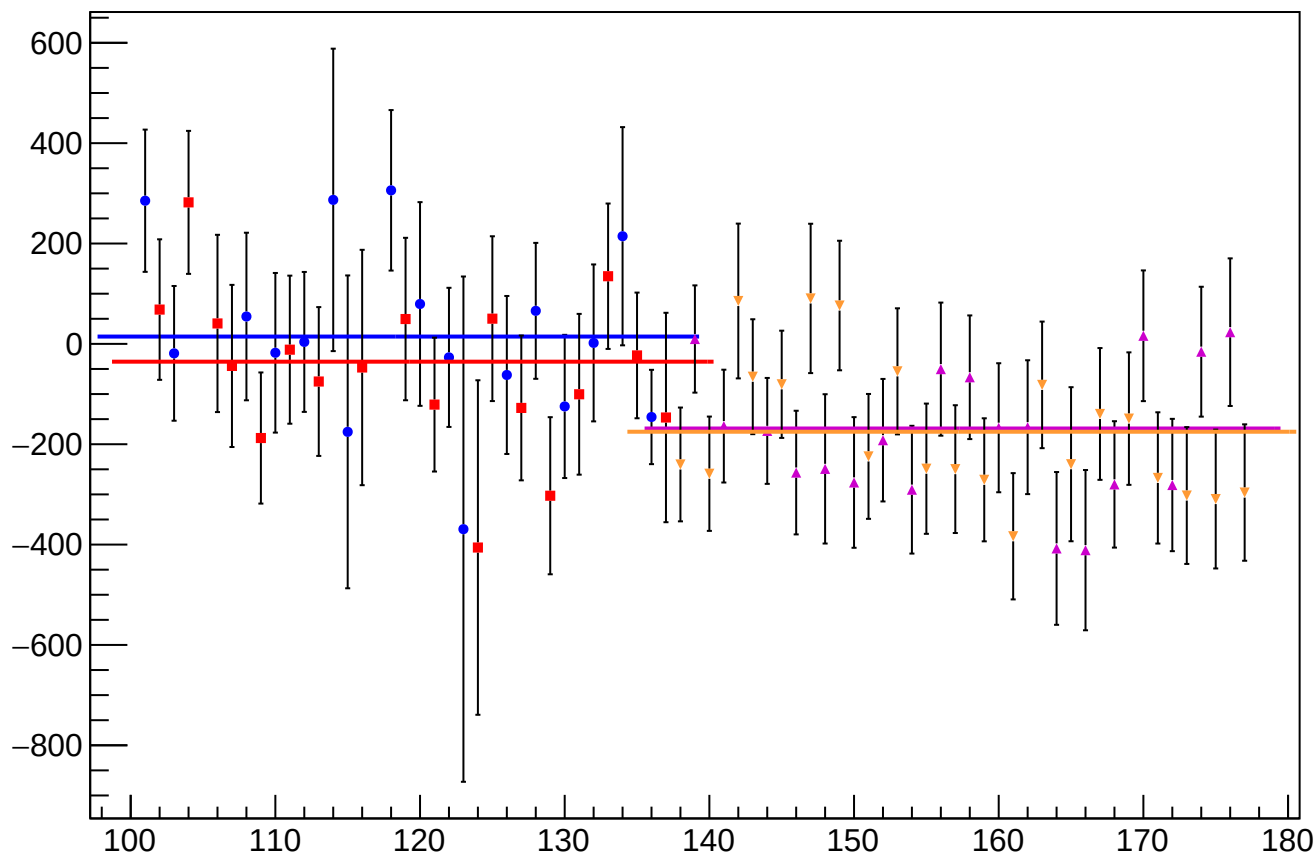
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1141.328 $\pm$ 0.178 χ^2/NDF : 2017079.3/35

Out: 1133.850 $\pm$ 0.172 χ^2/NDF : 2177977.1/38

All: 1137.450 $\pm$ 0.124 χ^2/NDF : 4195969.1/74

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: -175.090 ± 27.910 $\chi^2/\text{NDF}: 21.4/20$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -168.665 ± 29.330 $\chi^2/\text{NDF}: 18.1/18$

Left: -172.037 ± 20.219 $\chi^2/\text{NDF}: 39.6/39$

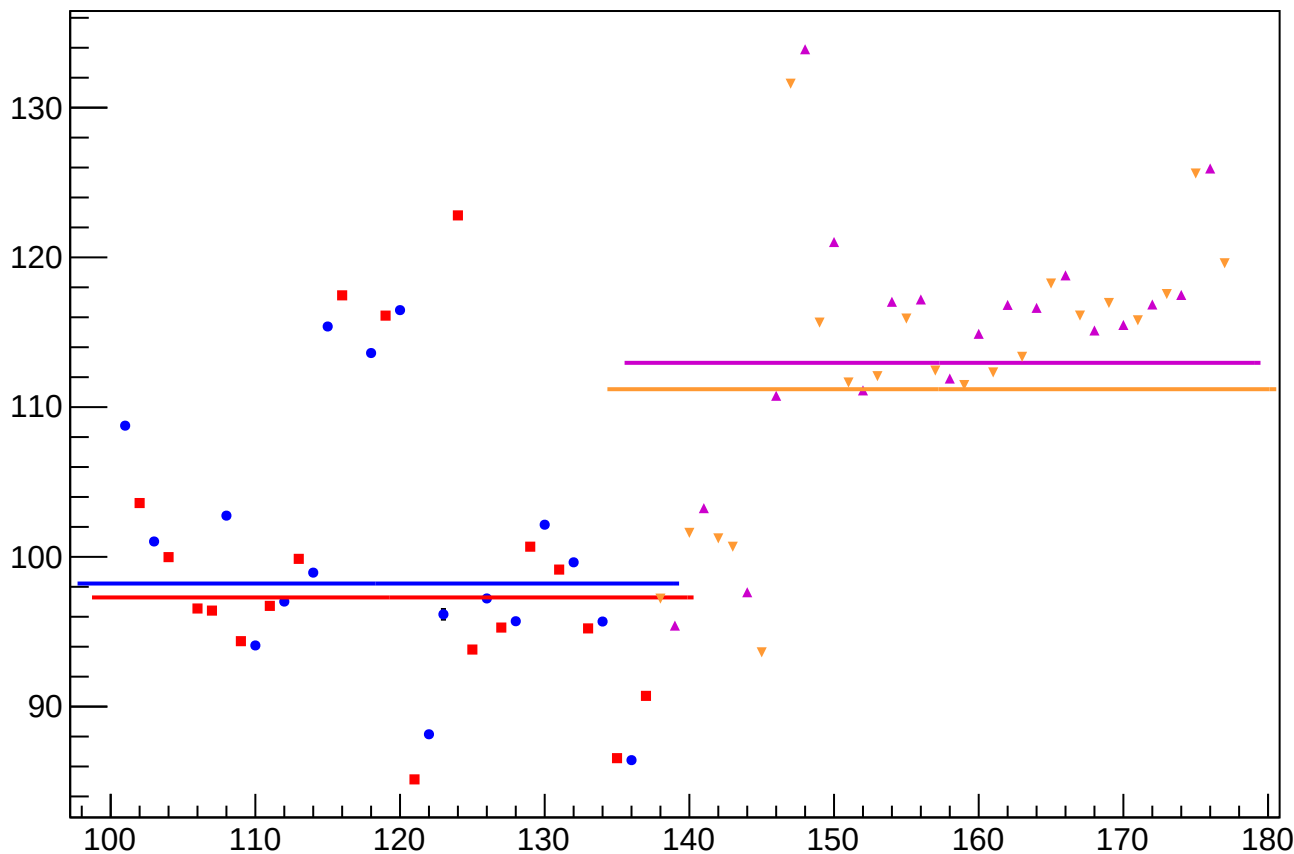
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -100.293 ± 23.222 $\chi^2/\text{NDF}: 46.9/35$

Out: -123.981 ± 22.222 $\chi^2/\text{NDF}: 45.1/38$

All: -112.658 ± 16.055 $\chi^2/\text{NDF}: 92.5/74$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 111.197+/-0.020 χ^2/NDF : 214599.5/20

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 112.958+/-0.021 χ^2/NDF : 190691.3/18

Left: 112.034+/-0.014 χ^2/NDF : 409075.4/39

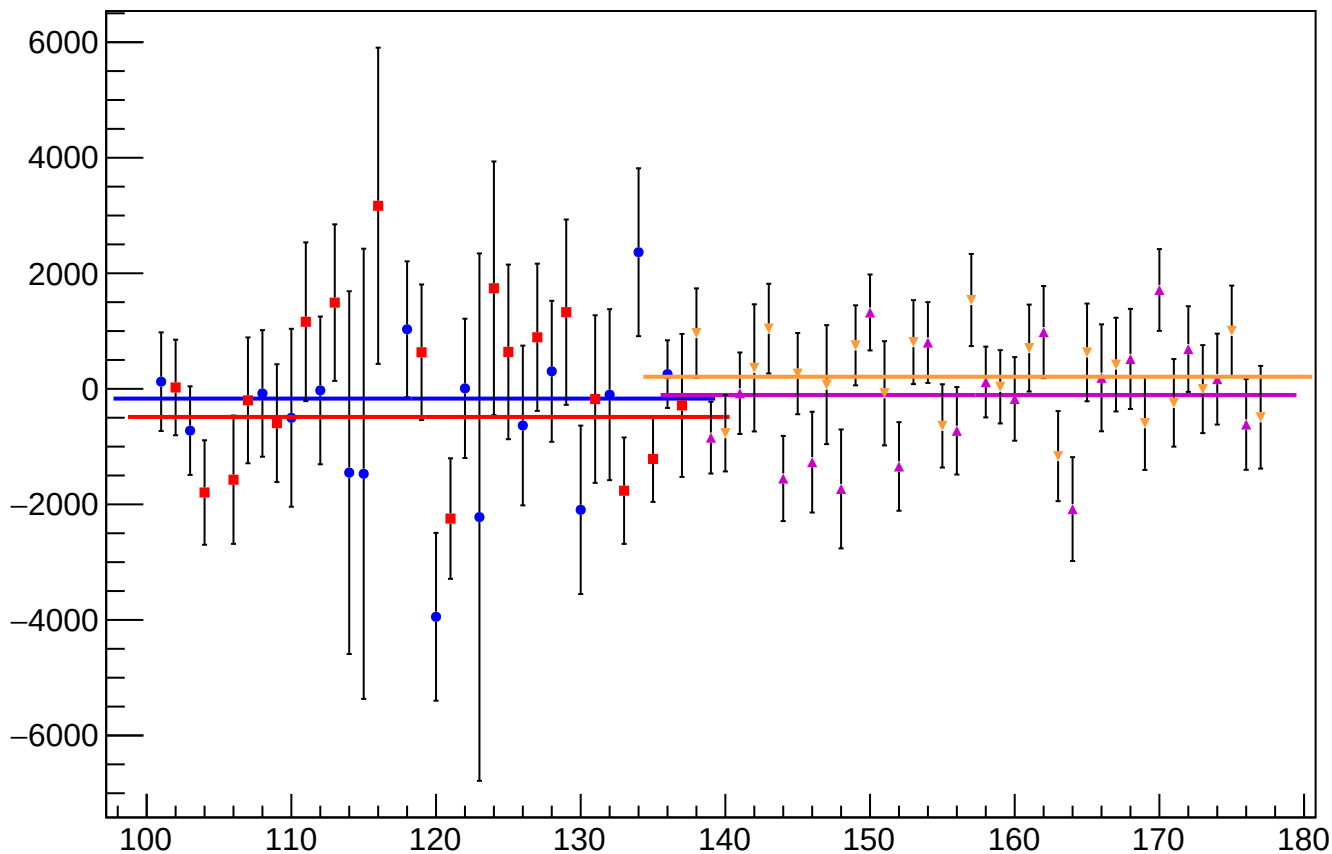
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 107.459+/-0.016 χ^2/NDF : 479652.4/35

Out: 106.106+/-0.016 χ^2/NDF : 492579.1/38

All: 106.752+/-0.011 χ^2/NDF : 975773.0/74

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: 209.376 ± 169.512 $\chi^2/\text{NDF}: 16.9/20$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -106.051 ± 172.911 $\chi^2/\text{NDF}: 35.0/18$

Left: 54.793 ± 121.047 $\chi^2/\text{NDF}: 53.5/39$

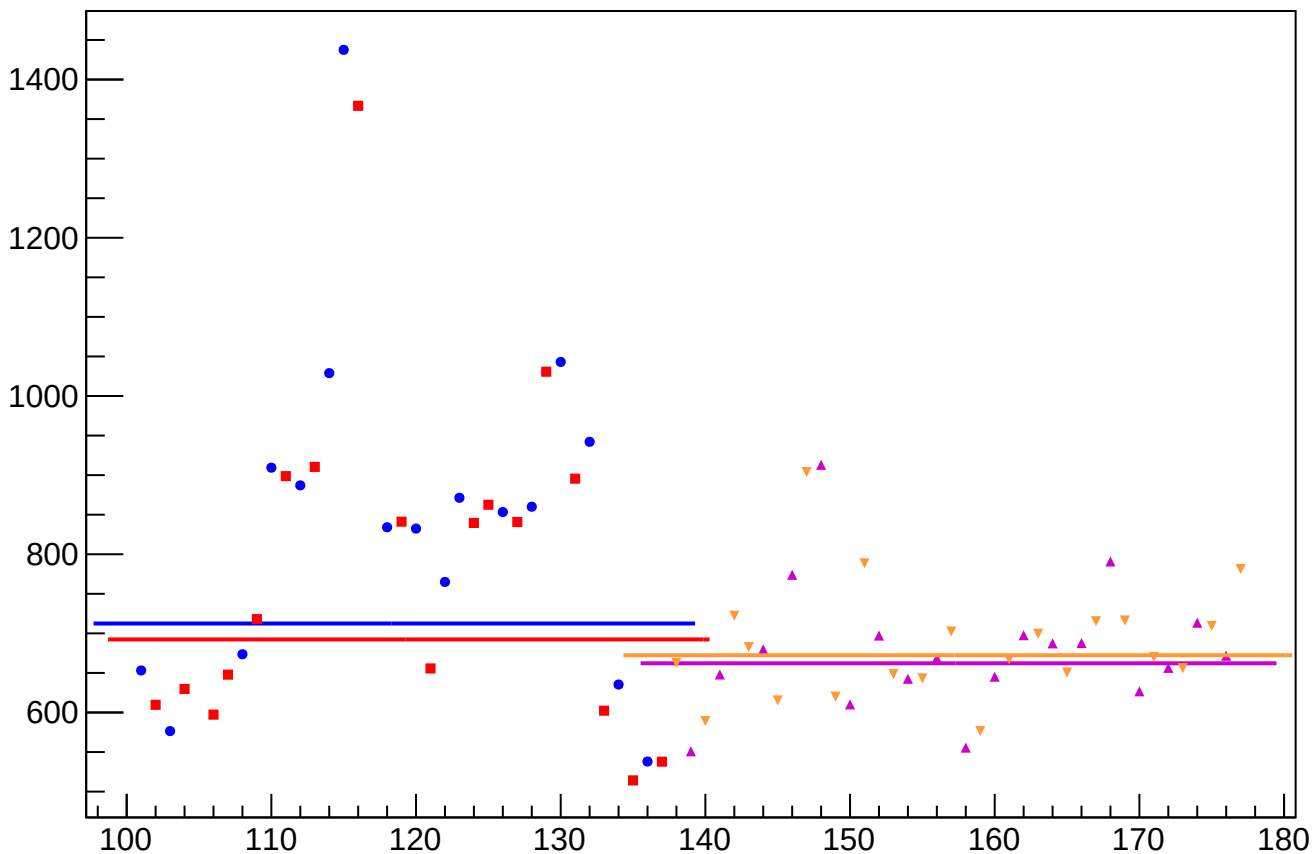
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -123.181 ± 147.432 $\chi^2/\text{NDF}: 49.6/35$

Out: 10.595 ± 143.262 $\chi^2/\text{NDF}: 41.3/38$

All: -54.374 ± 102.744 $\chi^2/\text{NDF}: 91.3/74$

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: 672.332 $\pm$ 0.120 χ^2 /NDF:300098.6/20

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 662.179 $\pm$ 0.122 χ^2 /NDF:362960.3/18

Left: 667.356 $\pm$ 0.086 χ^2 /NDF: 666575.0/39

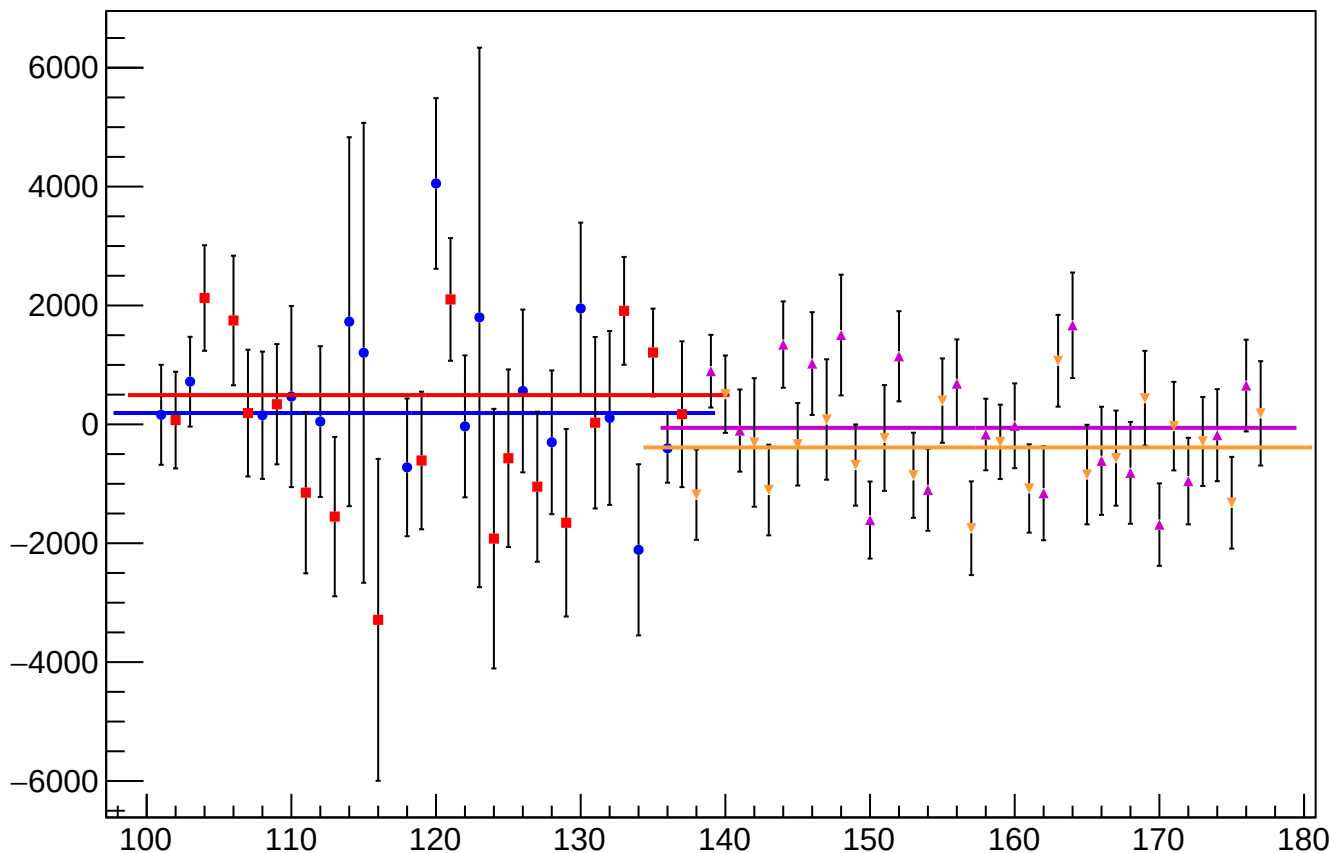
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 675.909 $\pm$ 0.104 χ^2 /NDF:1069677.2/35

Out: 678.049 $\pm$ 0.101 χ^2 /NDF:965015.2/38

All: 677.010 $\pm$ 0.073 χ^2 /NDF: 2034909.1/74

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -388.408 $\pm$ 167.022 χ^2/NDF :17.0/20

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -58.532 $\pm$ 170.298 χ^2/NDF :36.4/18

Left: -226.673 $\pm$ 119.244 χ^2/NDF : 55.3/39

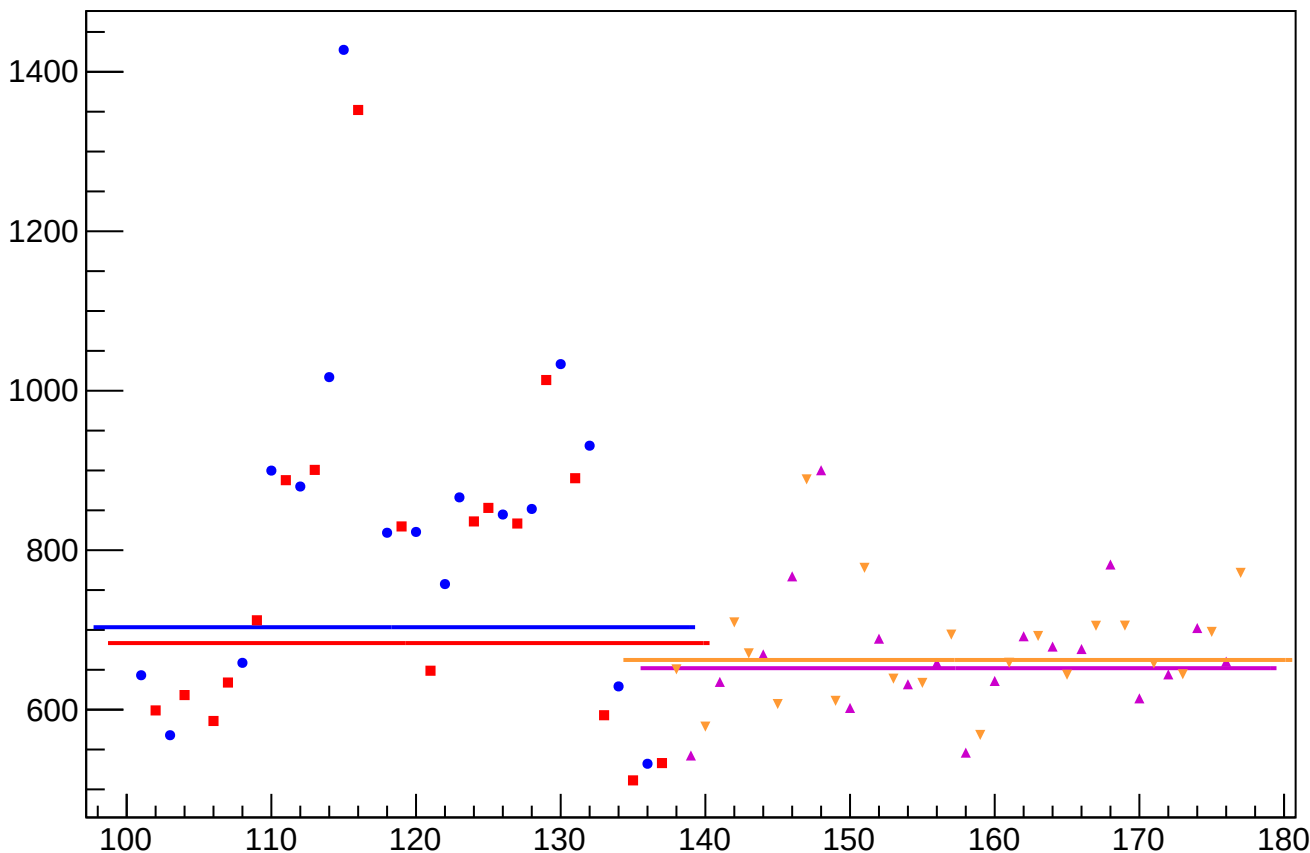
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 9.286 $\pm$ 145.312 χ^2/NDF :51.2/35

Out: -137.378 $\pm$ 141.243 χ^2/NDF :47.7/38

All: -66.129 $\pm$ 101.282 χ^2/NDF : 99.4/74

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 662.322+/-0.118 χ^2/NDF : 301106.9/20

Right Out: 683.493+/-0.187 χ^2/NDF : 659356.0/17

Left In: 652.007+/-0.120 χ^2/NDF : 372325.7/18

Left: 657.265+/-0.084 χ^2/NDF : 677172.4/39

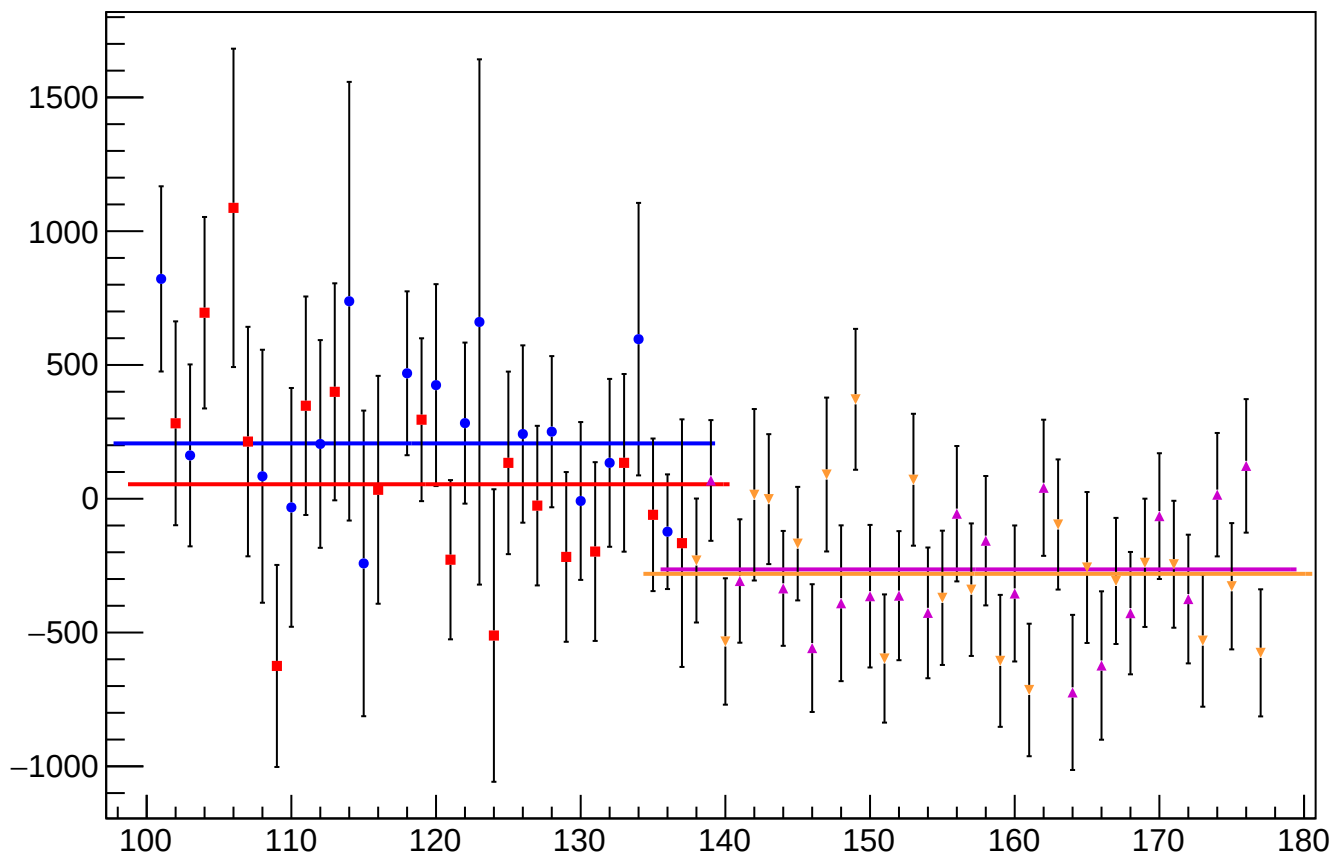
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 665.983+/-0.103 χ^2/NDF : 1088750.4/35

Out: 668.353+/-0.100 χ^2/NDF : 969617.0/38

All: 667.202+/-0.072 χ^2/NDF : 2058640.9/74

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -280.624 $\pm$ 53.797 χ^2 /NDF:23.5/20

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -264.055 $\pm$ 56.304 χ^2 /NDF:16.7/18

Left: -272.717 $\pm$ 38.896 χ^2 /NDF: 40.2/39

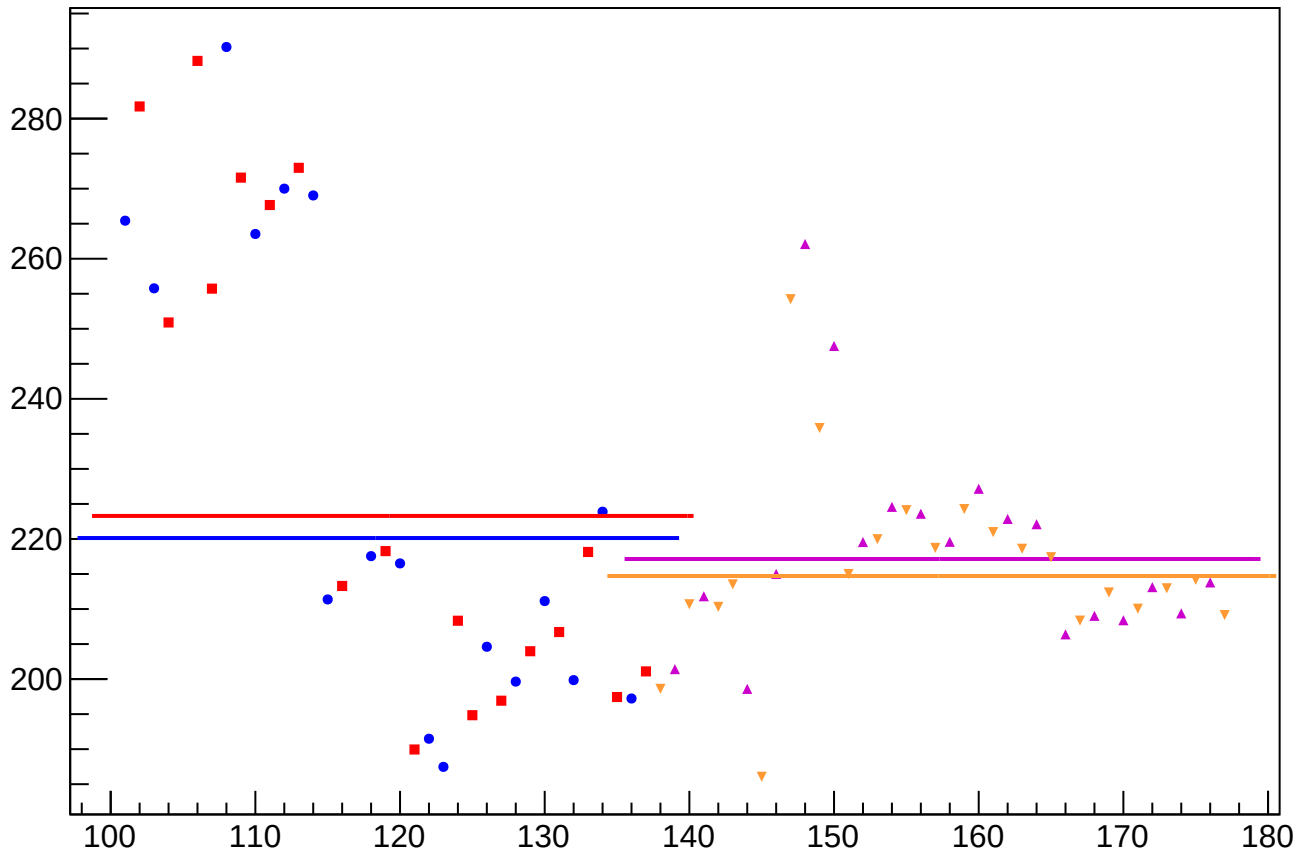
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -121.914 $\pm$ 47.045 χ^2 /NDF:47.3/35

Out: -185.175 $\pm$ 45.487 χ^2 /NDF:50.2/38

All: -154.610 $\pm$ 32.701 χ^2 /NDF: 98.4/74

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 214.712+/-0.038 χ^2/NDF : 110635.0/20

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 217.142+/-0.040 χ^2/NDF : 119341.5/18

Left: 215.872+/-0.028 χ^2/NDF : 231923.4/39

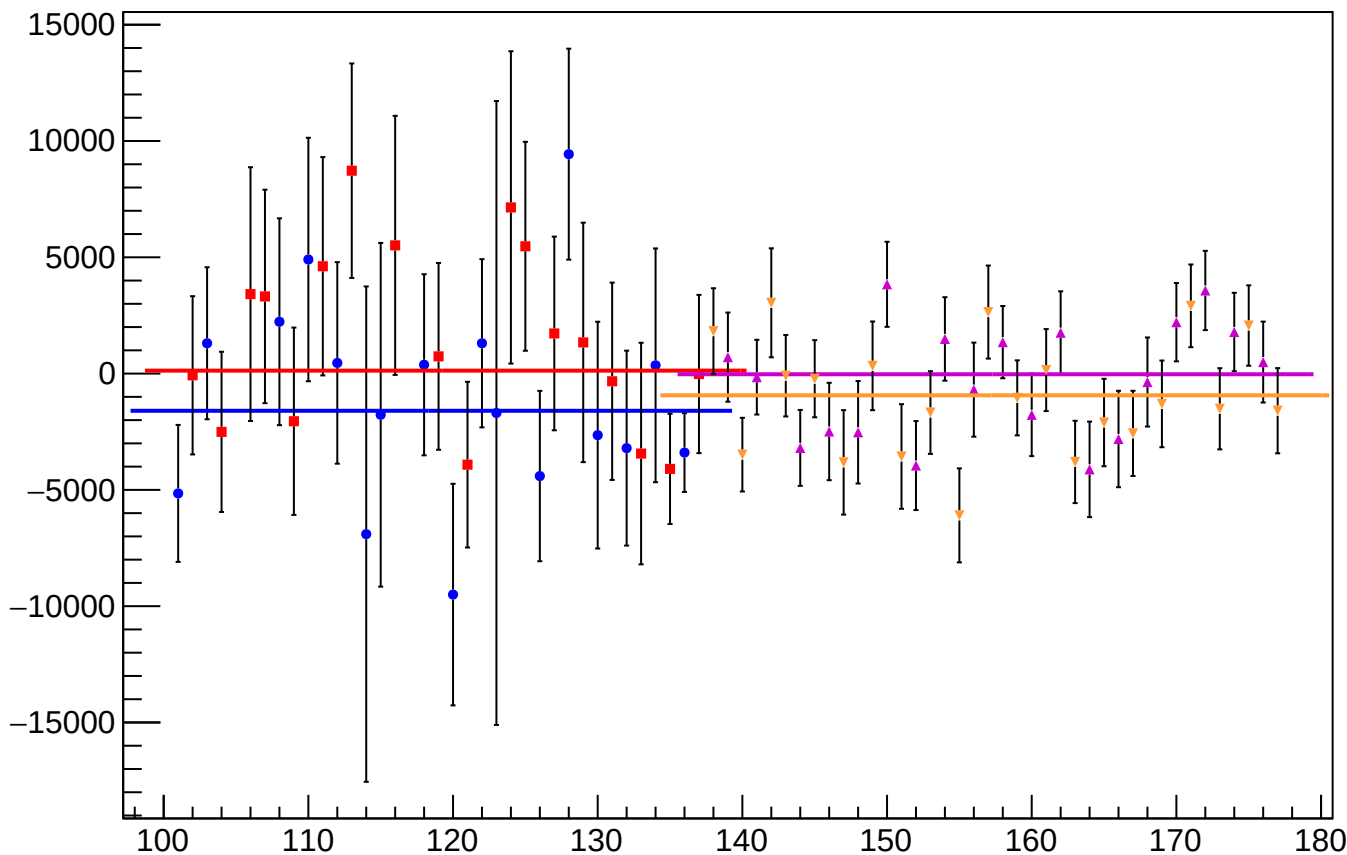
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 218.045+/-0.033 χ^2/NDF : 349488.7/35

Out: 217.157+/-0.032 χ^2/NDF : 397376.8/38

All: 217.586+/-0.023 χ^2/NDF : 747233.5/74

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: -933.038 $\pm$ 401.049 χ^2 /NDF:33.6/20

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -28.818 $\pm$ 416.438 χ^2 /NDF:32.1/18

Left: -497.943 $\pm$ 288.872 χ^2 /NDF: 68.2/39

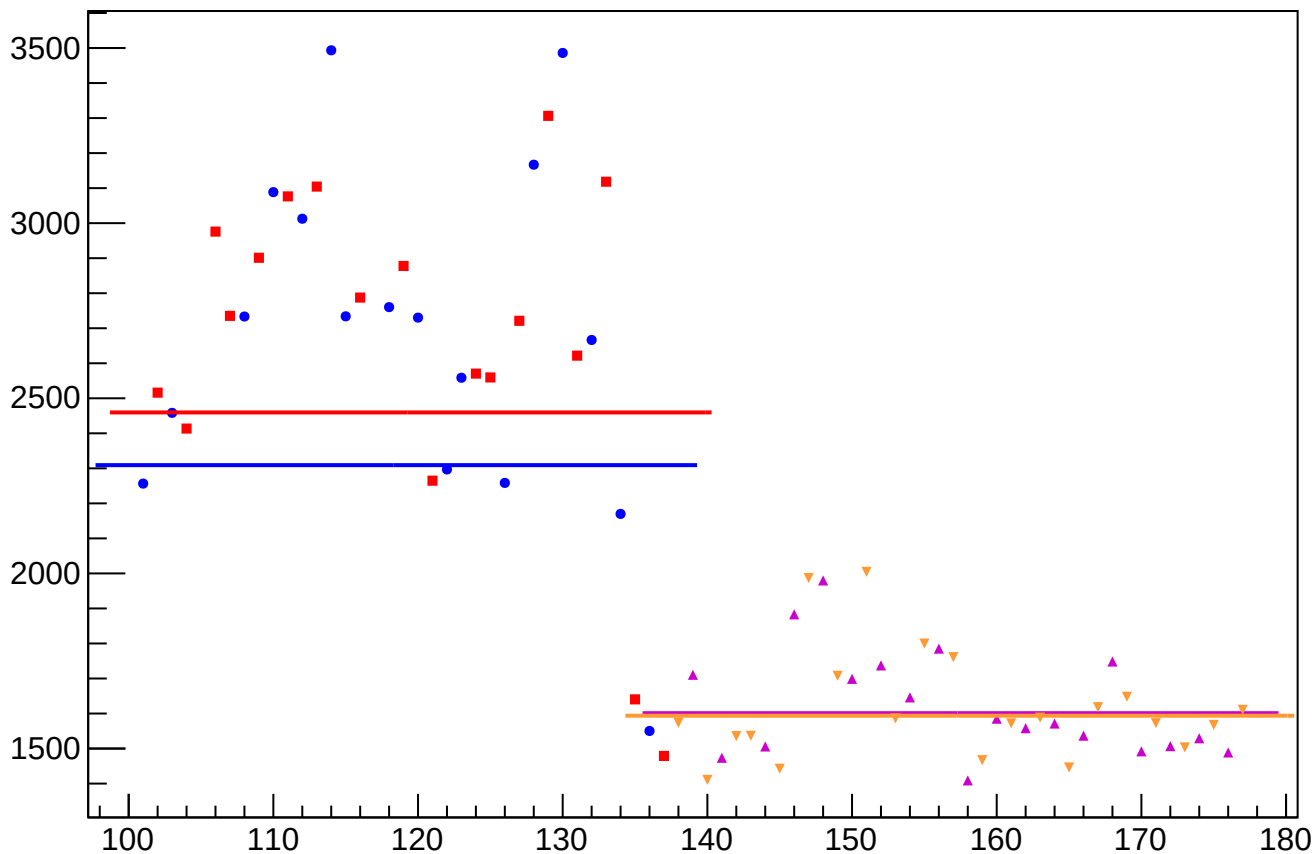
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -295.334 $\pm$ 379.454 χ^2 /NDF:51.2/35

Out: -772.322 $\pm$ 369.422 χ^2 /NDF:49.5/38

All: -540.217 $\pm$ 264.696 χ^2 /NDF: 101.5/74

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: 1593.769 $\pm$ 0.284 χ^2 /NDF: 250231.4/20

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1600.993 $\pm$ 0.294 χ^2 /NDF: 227658.7/18

Left: 1597.245 $\pm$ 0.204 χ^2 /NDF: 478202.3/39

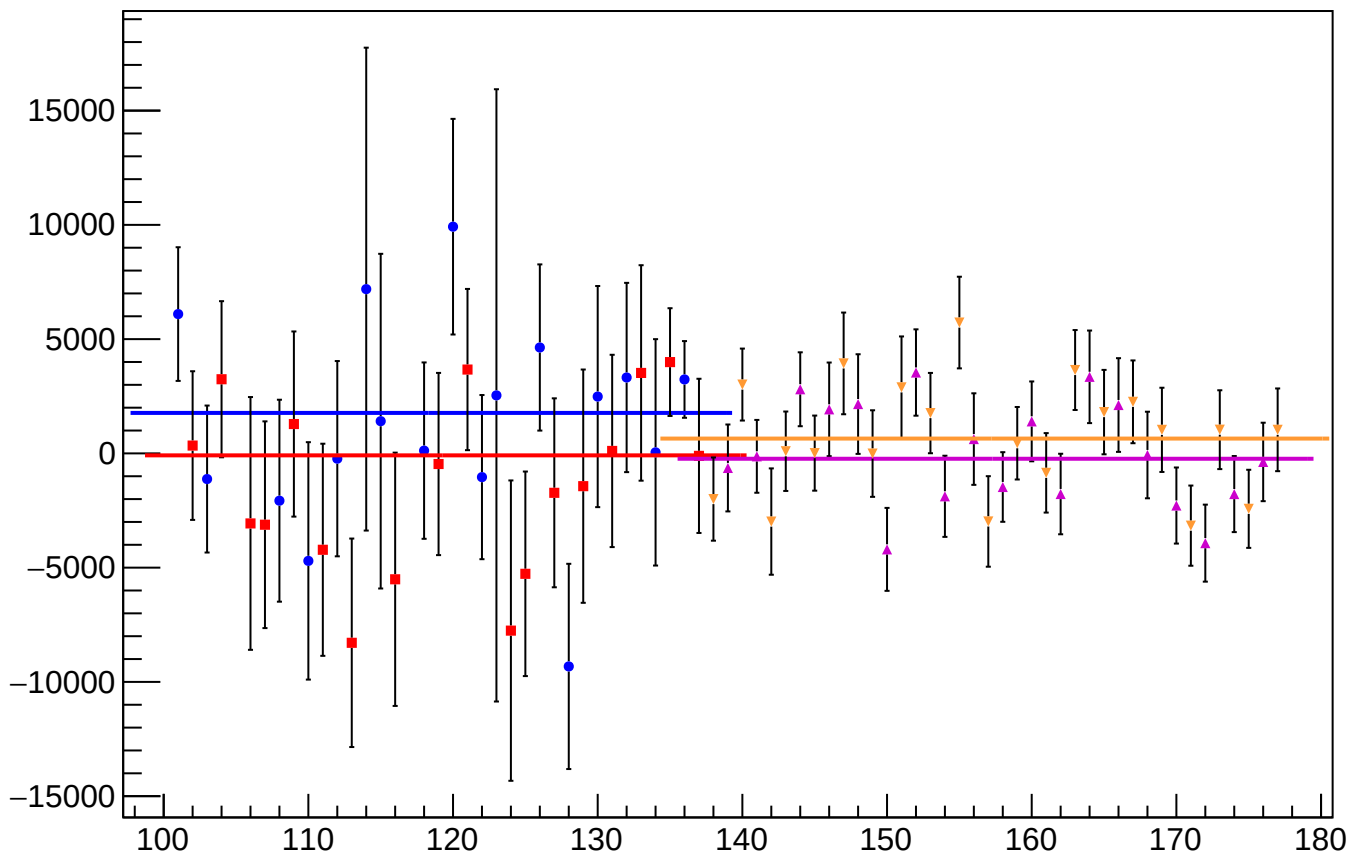
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1721.186 $\pm$ 0.268 χ^2 /NDF: 2009969.0/35

Out: 1724.947 $\pm$ 0.261 χ^2 /NDF: 2330721.6/38

All: 1723.117 $\pm$ 0.187 χ^2 /NDF: 4340791.5/74

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 648.376+/-396.634 χ^2/NDF : 33.5/20

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -234.947+/-411.497 χ^2/NDF : 29.7/18

Left: 222.956+/-285.572 χ^2/NDF : 65.6/39

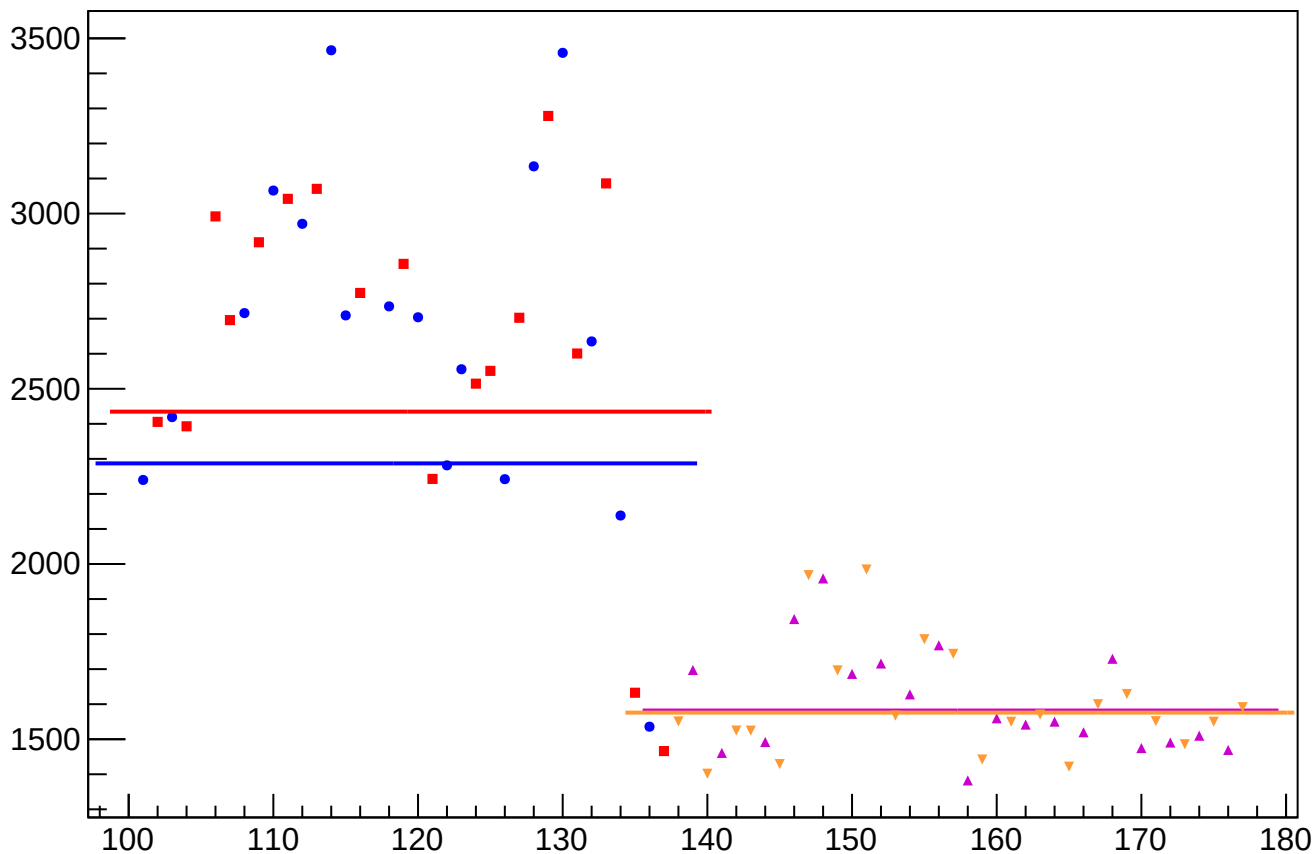
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 104.200+/-375.107 χ^2/NDF : 51.0/35

Out: 537.345+/-365.425 χ^2/NDF : 48.5/38

All: 326.434+/-261.751 χ^2/NDF : 100.2/74

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1575.924 $\pm$ 0.280 χ^2/NDF : 254380.0/20

Right Out: 2434.786 $\pm$ 0.665 χ^2/NDF : 666938.3/17

Left In: 1581.823 $\pm$ 0.291 χ^2/NDF : 229303.3/18

Left: 1578.765 $\pm$ 0.202 χ^2/NDF : 483896.4/39

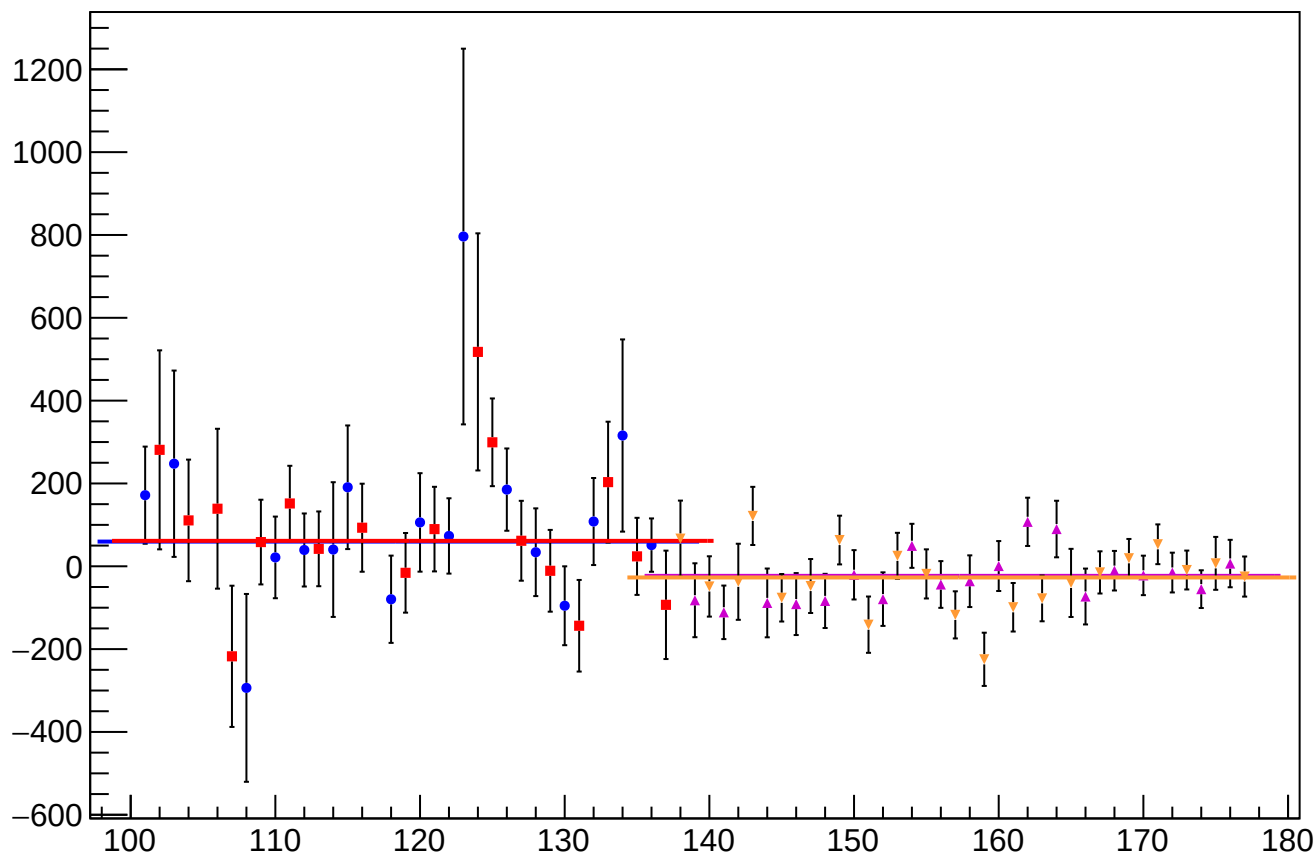
Right: 2358.750 $\pm$ 0.463 χ^2/NDF : 1491762.6/34

In: 1701.049 $\pm$ 0.265 χ^2/NDF : 2021876.8/35

Out: 1705.762 $\pm$ 0.258 χ^2/NDF : 2338989.3/38

All: 1703.467 $\pm$ 0.185 χ^2/NDF : 4361028.2/74

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 $\chi^2/\text{NDF}: 15.3/16$

Left Out: -26.982 ± 12.905 $\chi^2/\text{NDF}: 31.2/20$

Right Out: 61.399 ± 27.011 $\chi^2/\text{NDF}: 19.7/17$

Left In: -23.109 ± 13.521 $\chi^2/\text{NDF}: 16.7/18$

Left: -25.136 ± 9.336 $\chi^2/\text{NDF}: 47.9/39$

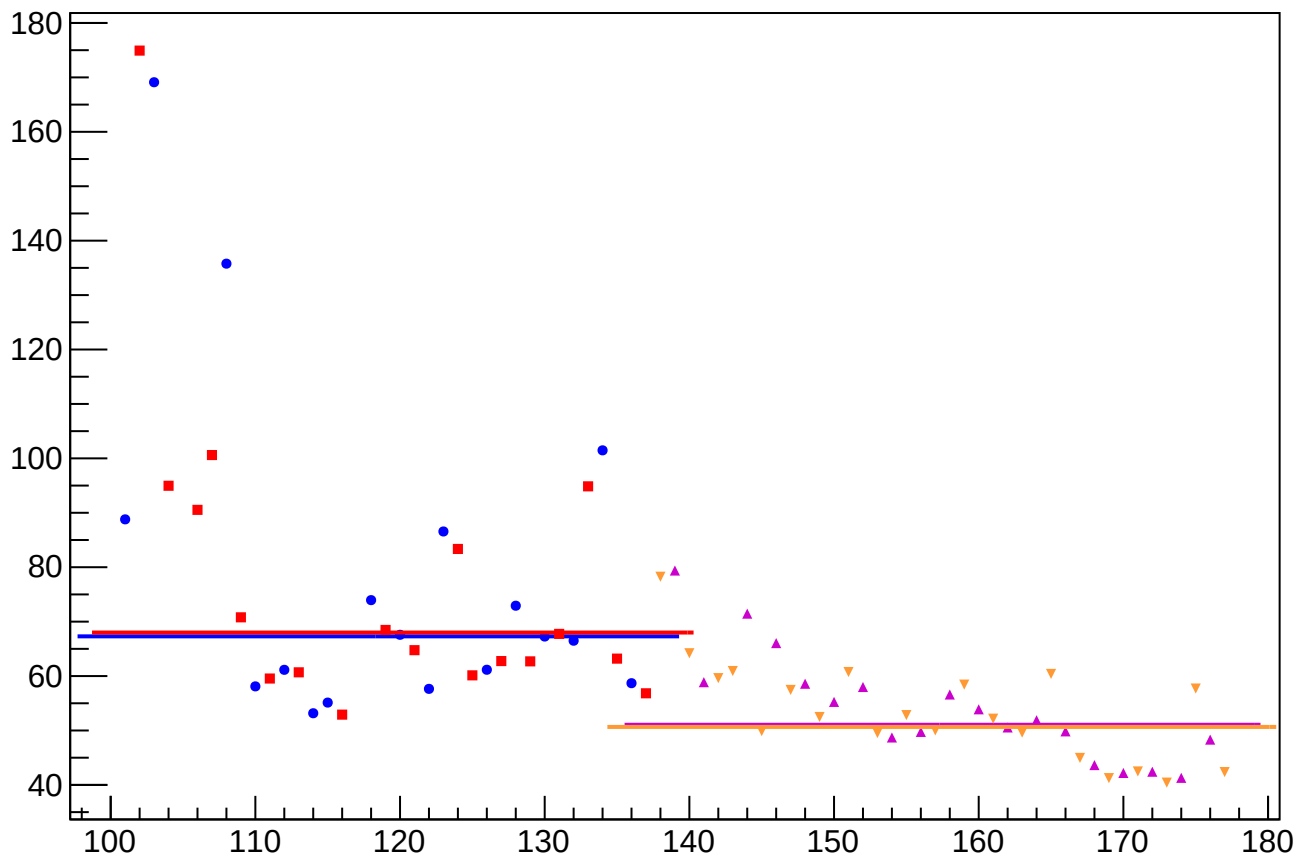
Right: 60.530 ± 19.124 $\chi^2/\text{NDF}: 35.0/34$

In: -6.592 ± 12.097 $\chi^2/\text{NDF}: 39.5/35$

Out: -10.556 ± 11.645 $\chi^2/\text{NDF}: 59.6/38$

All: -8.649 ± 8.389 $\chi^2/\text{NDF}: 99.1/74$

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: 50.654 $\pm$ 0.009 χ^2 /NDF: 785479.7/20

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.053 $\pm$ 0.010 χ^2 /NDF: 795955.3/18

Left: 50.844 $\pm$ 0.007 χ^2 /NDF: 1582346.4/39

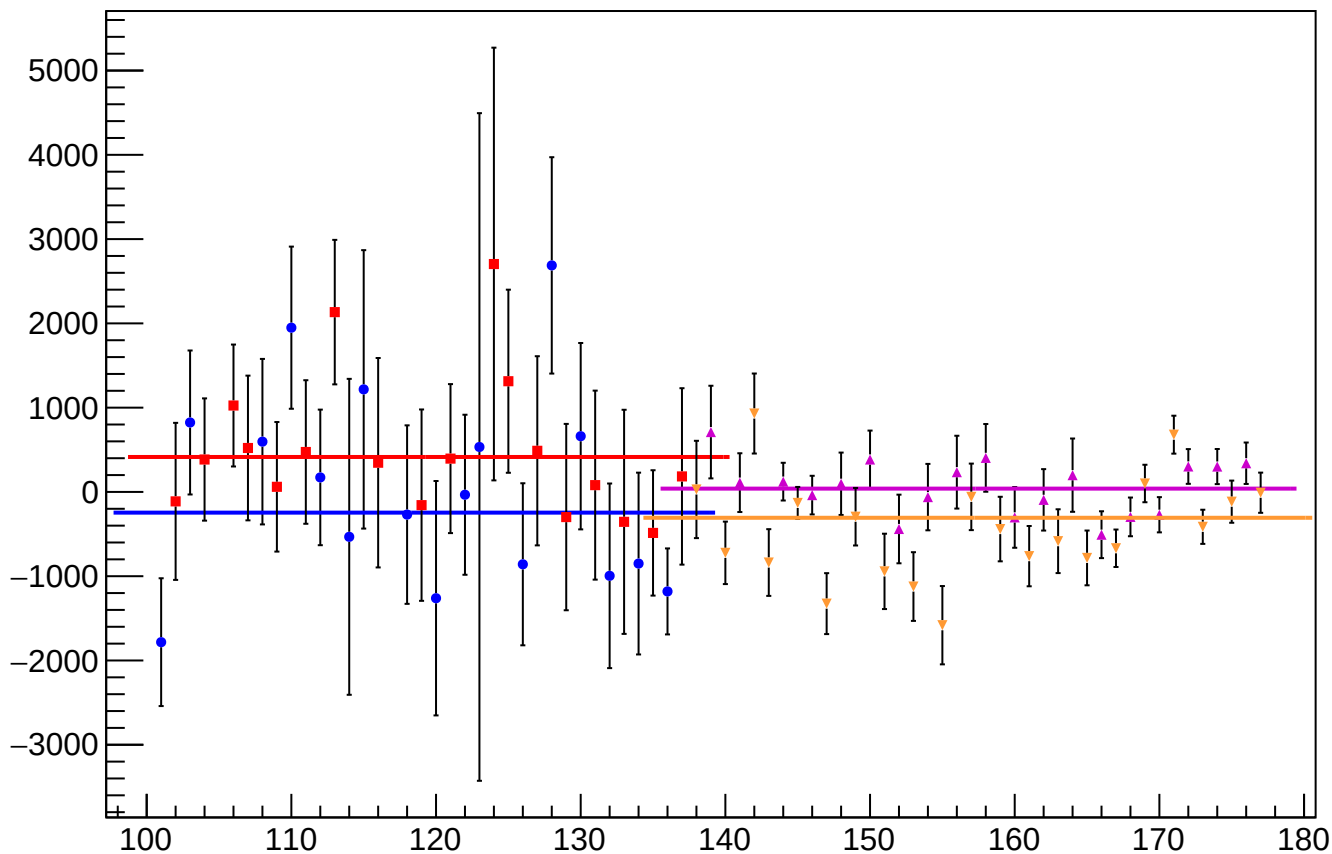
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.295 $\pm$ 0.009 χ^2 /NDF: 2213334.9/35

Out: 53.878 $\pm$ 0.008 χ^2 /NDF: 2211176.5/38

All: 54.078 $\pm$ 0.006 χ^2 /NDF: 4425745.7/74

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: -306.728 $\pm$ 65.038 χ^2 /NDF:65.0/20

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 39.268 $\pm$ 66.113 χ^2 /NDF:19.4/18

Left: -136.564 $\pm$ 46.364 χ^2 /NDF: 98.3/39

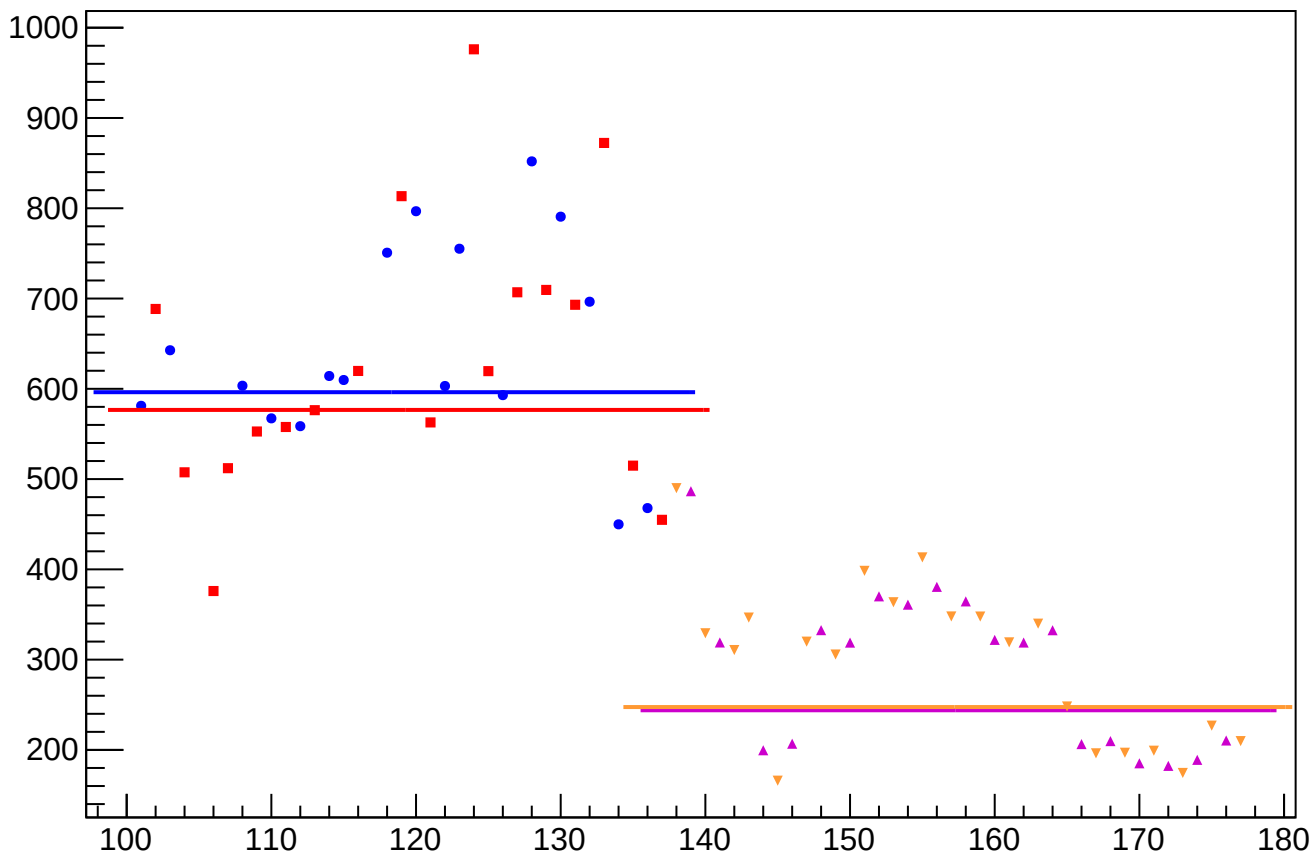
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 18.440 $\pm$ 63.650 χ^2 /NDF:44.5/35

Out: -250.072 $\pm$ 62.433 χ^2 /NDF:84.0/38

All: -118.409 $\pm$ 44.571 χ^2 /NDF: 137.6/74

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.472+/-0.046 χ^2/NDF : 2854897.3/20

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 243.913+/-0.047 χ^2/NDF : 2427263.0/18

Left: 245.721+/-0.033 χ^2/NDF : 5285106.1/39

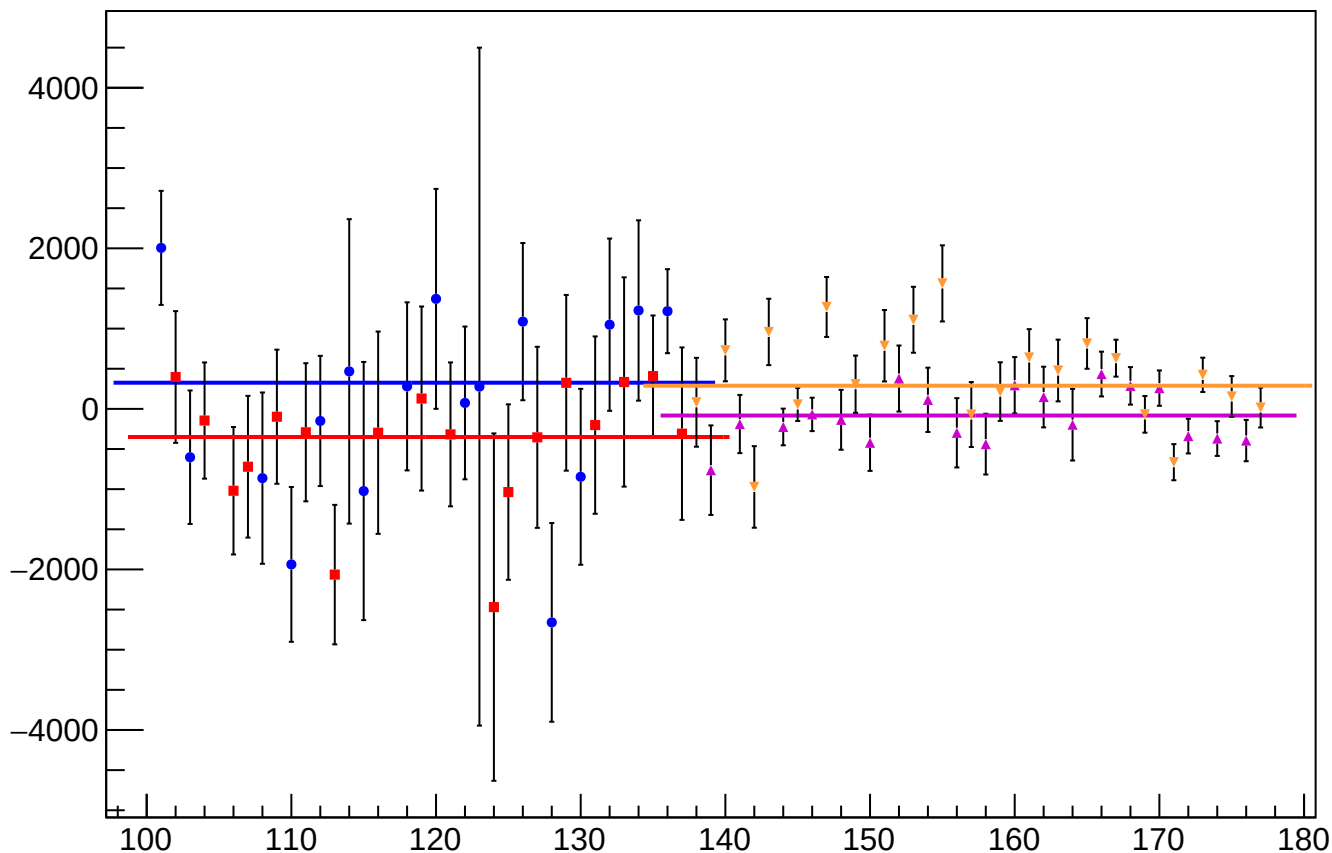
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 269.671+/-0.045 χ^2/NDF : 7002186.3/35

Out: 273.319+/-0.044 χ^2/NDF : 7451043.2/38

All: 271.531+/-0.032 χ^2/NDF : 14456578.1/74

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 288.602 $\pm$ 66.847 χ^2 /NDF:60.2/20

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -82.797 $\pm$ 67.017 χ^2 /NDF:20.1/18

Left: 103.375 $\pm$ 47.328 χ^2 /NDF: 95.7/39

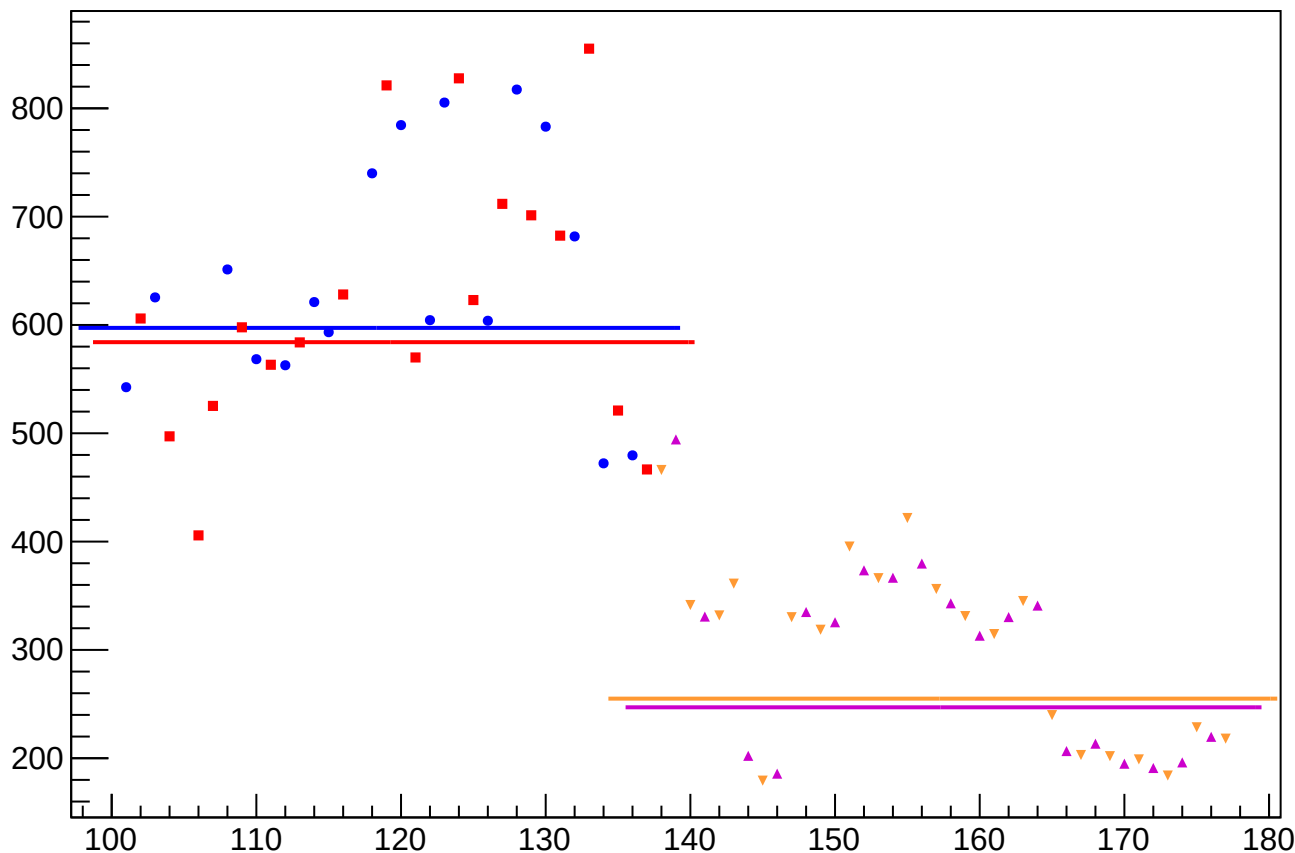
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -52.190 $\pm$ 64.460 χ^2 /NDF:49.8/35

Out: 236.882 $\pm$ 64.085 χ^2 /NDF:76.6/38

All: 93.191 $\pm$ 45.447 χ^2 /NDF: 136.5/74

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.017 $\pm$ 0.047 χ^2 /NDF: 2583800.4/20

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.007 $\pm$ 0.047 χ^2 /NDF: 2366044.9/18

Left: 251.022 $\pm$ 0.033 χ^2 /NDF: 4964167.0/39

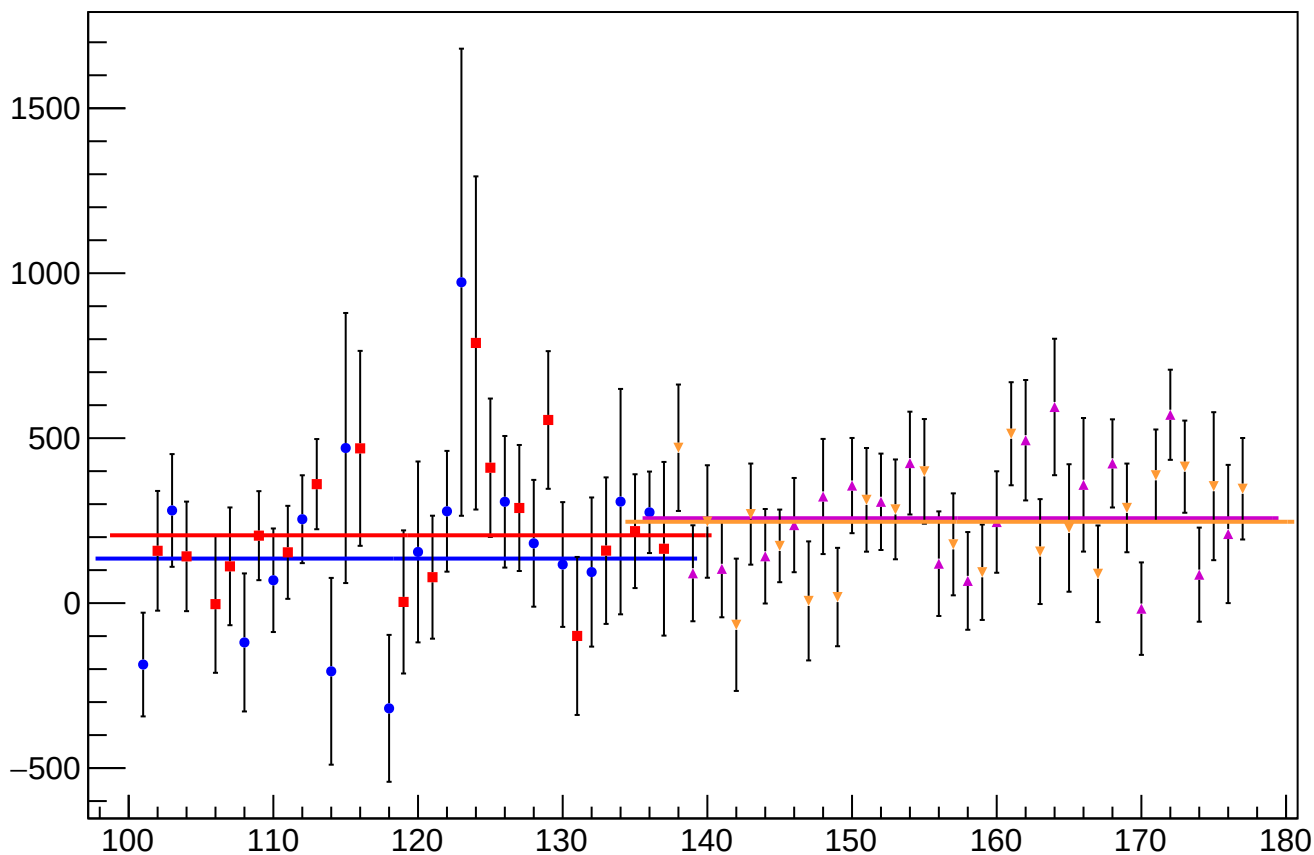
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 273.229 $\pm$ 0.046 χ^2 /NDF: 6819946.7/35

Out: 281.654 $\pm$ 0.045 χ^2 /NDF: 6954163.5/38

All: 277.466 $\pm$ 0.032 χ^2 /NDF: 13791292.1/74

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 246.583 $\pm$ 33.795 χ^2 /NDF:18.5/20

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 257.314 $\pm$ 35.396 χ^2 /NDF:24.1/18

Left: 251.700 $\pm$ 24.443 χ^2 /NDF: 42.6/39

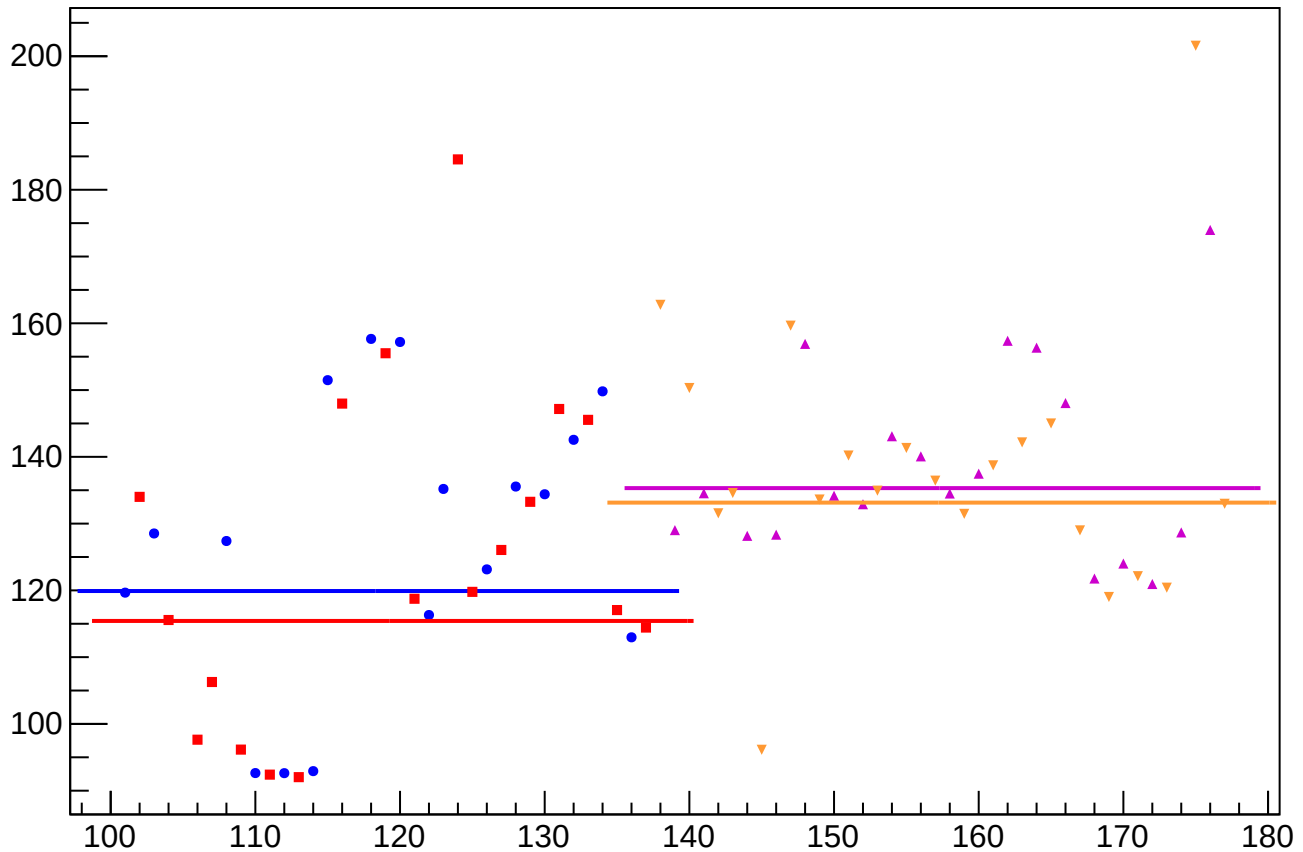
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 213.088 $\pm$ 28.280 χ^2 /NDF:46.4/35

Out: 231.604 $\pm$ 26.921 χ^2 /NDF:31.0/38

All: 222.801 $\pm$ 19.499 χ^2 /NDF: 77.7/74

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.145 $\pm$ 0.024 χ^2 /NDF: 604254.7/20

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 135.316 $\pm$ 0.025 χ^2 /NDF: 238044.5/18

Left: 134.180 $\pm$ 0.017 χ^2 /NDF: 846235.2/39

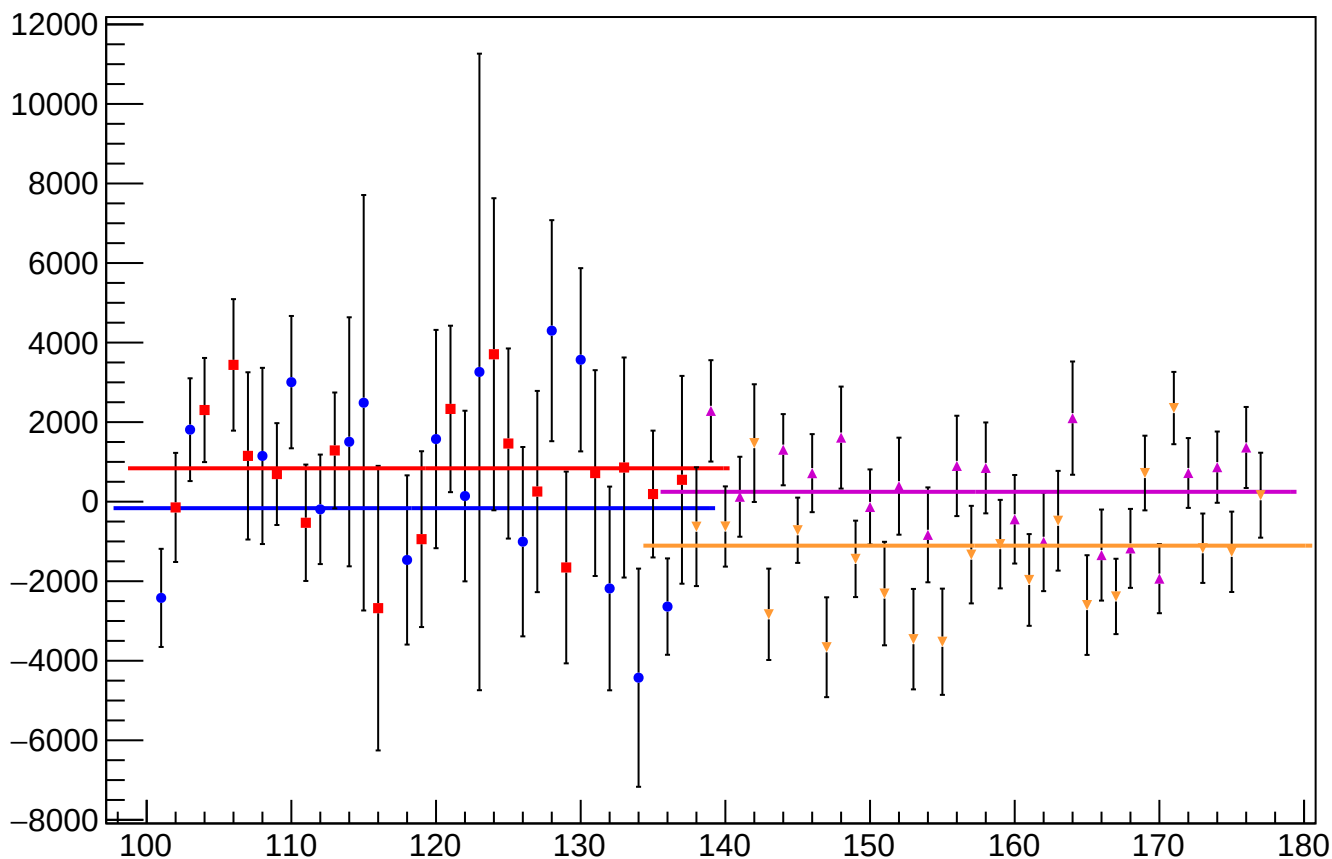
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 129.742 $\pm$ 0.020 χ^2 /NDF: 720697.4/35

Out: 126.669 $\pm$ 0.019 χ^2 /NDF: 1223343.7/38

All: 128.130 $\pm$ 0.014 χ^2 /NDF: 1956428.7/74

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1105.827 $\pm$ 237.325 χ^2 /NDF:41.5/20

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 247.833 $\pm$ 242.903 χ^2 /NDF:22.2/18

Left: -444.717 $\pm$ 169.752 χ^2 /NDF: 79.6/39

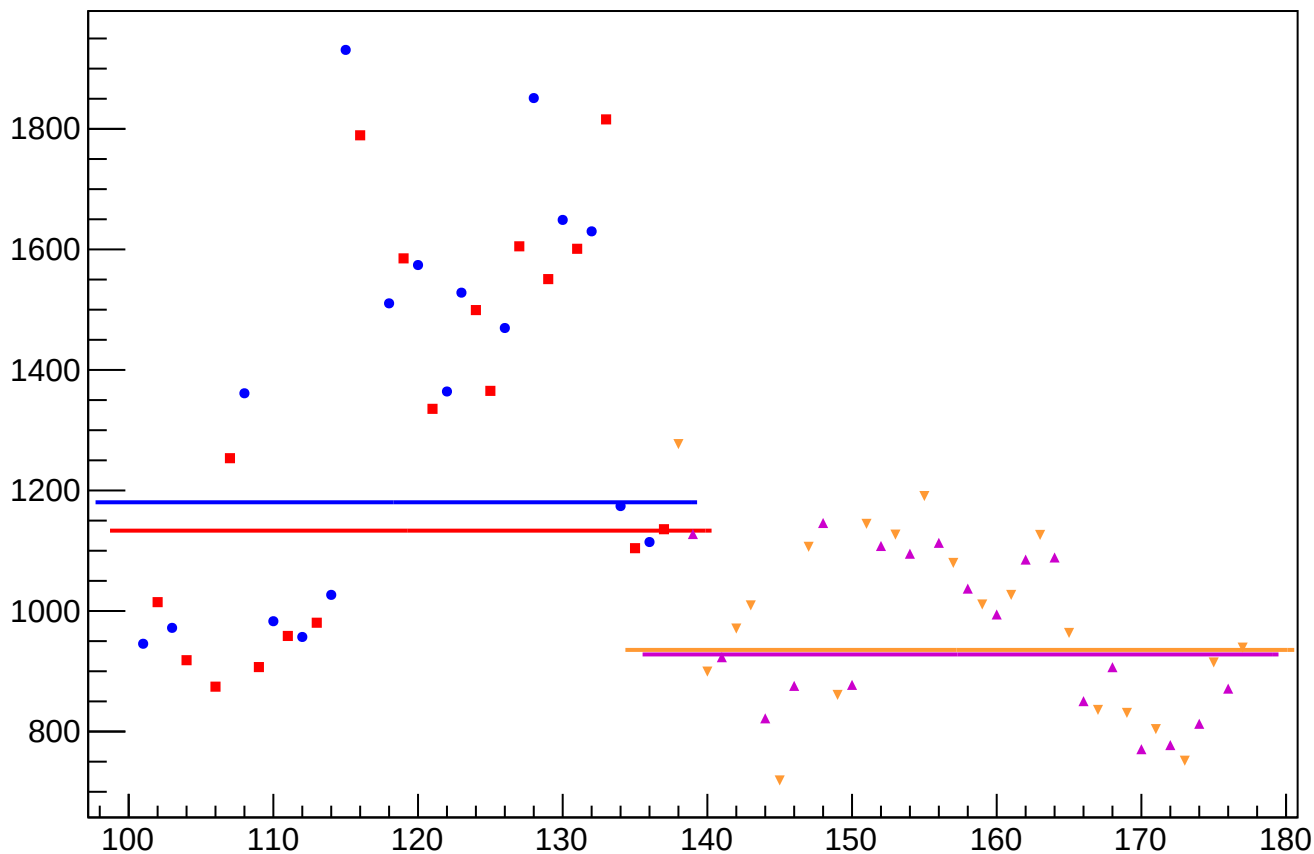
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 160.999 $\pm$ 215.749 χ^2 /NDF:46.5/35

Out: -668.227 $\pm$ 208.929 χ^2 /NDF:65.9/38

All: -266.926 $\pm$ 150.088 χ^2 /NDF: 120.0/74

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: 935.438 $\pm$ 0.168 χ^2 /NDF: 751020.9/20

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 927.921 $\pm$ 0.172 χ^2 /NDF: 528879.8/18

Left: 931.766 $\pm$ 0.120 χ^2 /NDF: 1280880.6/39

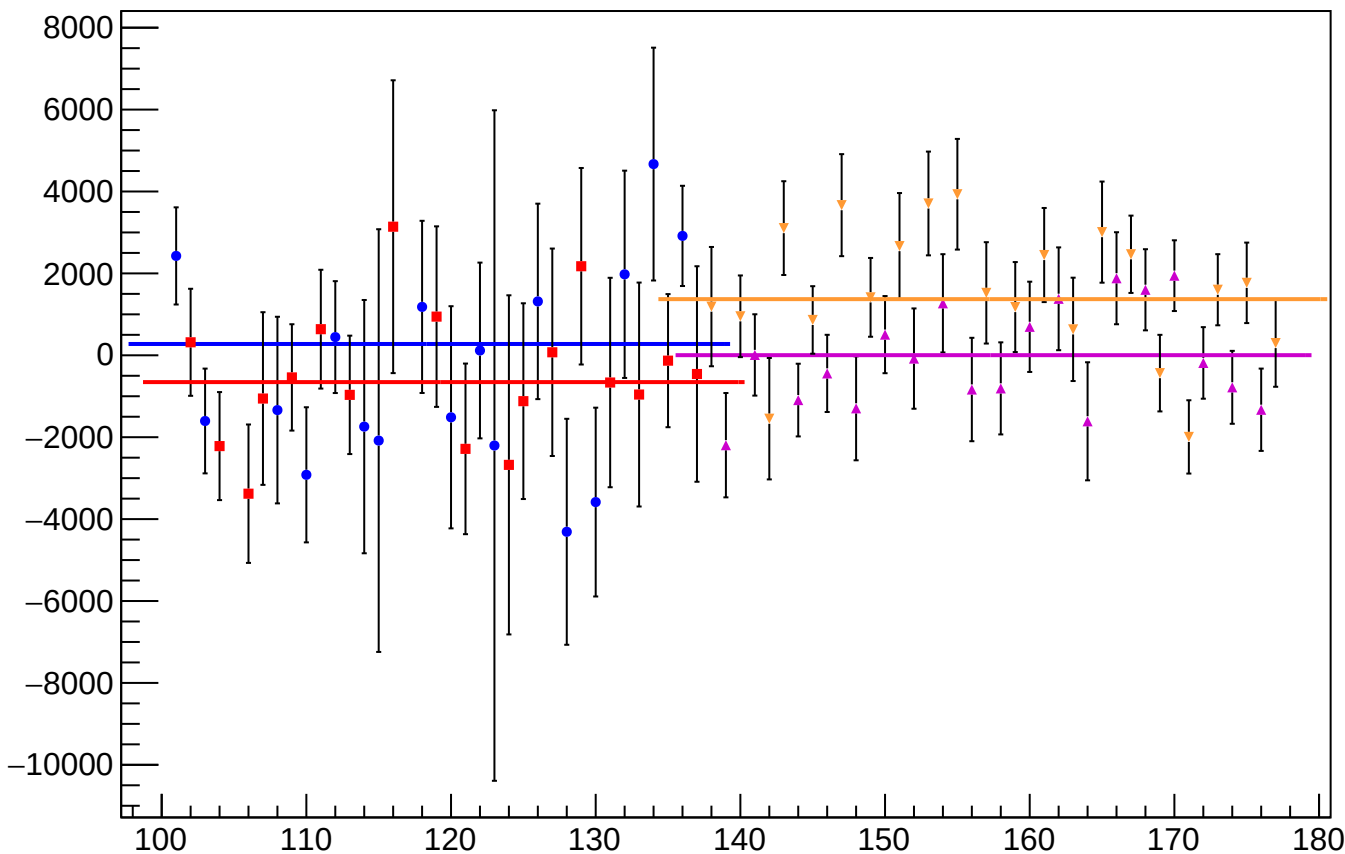
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 981.216 $\pm$ 0.153 χ^2 /NDF: 1653848.2/35

Out: 979.964 $\pm$ 0.148 χ^2 /NDF: 1824332.9/38

All: 980.570 $\pm$ 0.106 χ^2 /NDF: 3478215.8/74

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1371.415 $\pm$ 236.140 χ^2/NDF :41.6/20

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: 3.218 $\pm$ 241.090 χ^2/NDF :24.0/18

Left: 701.506 $\pm$ 168.699 χ^2/NDF : 82.1/39

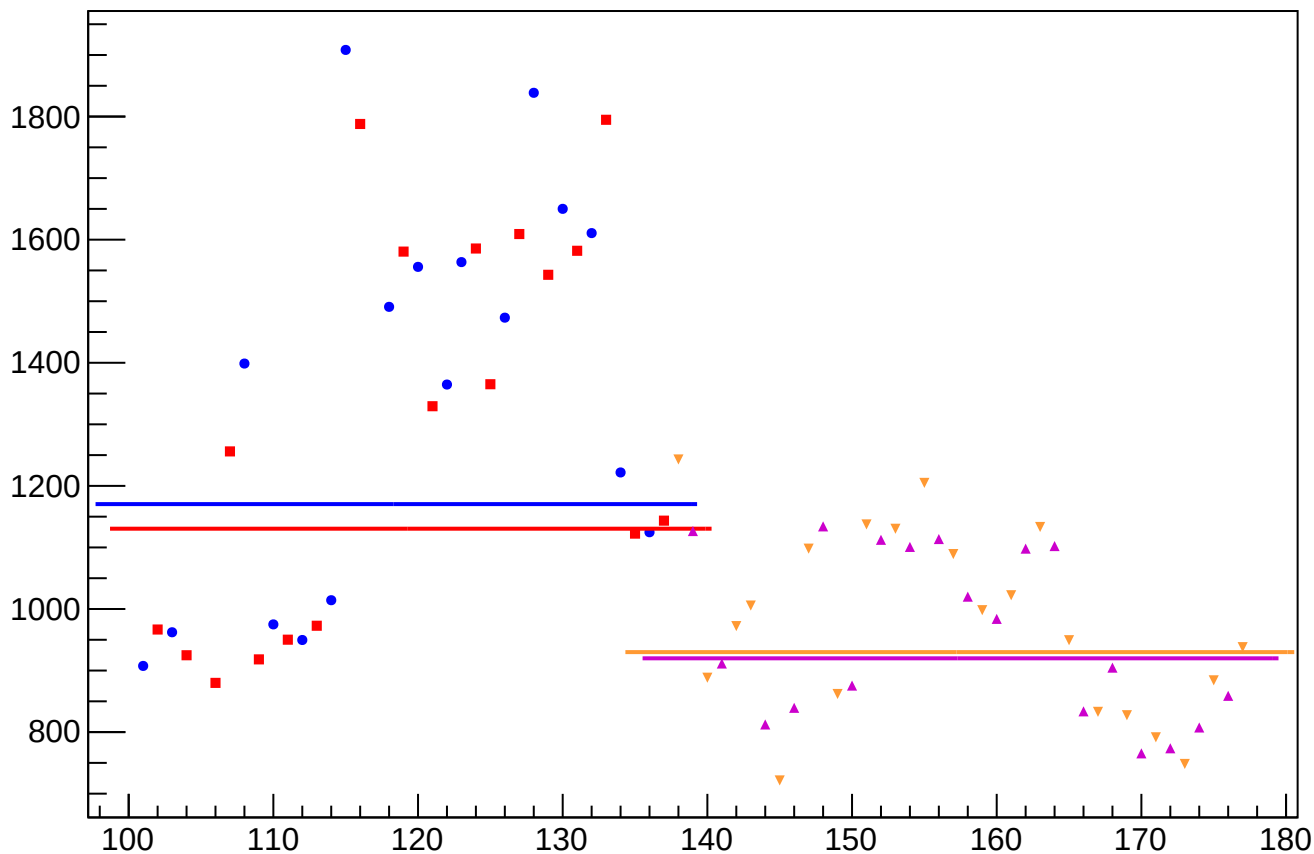
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 60.821 $\pm$ 214.171 χ^2/NDF :48.6/35

Out: 918.121 $\pm$ 208.050 χ^2/NDF :67.7/38

All: 501.896 $\pm$ 149.231 χ^2/NDF : 124.5/74

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 929.959 $\pm$ 0.167 χ^2/NDF : 755766.5/20

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 919.863 $\pm$ 0.170 χ^2/NDF : 566480.7/18

Left: 925.016 $\pm$ 0.119 χ^2/NDF : 1324037.3/39

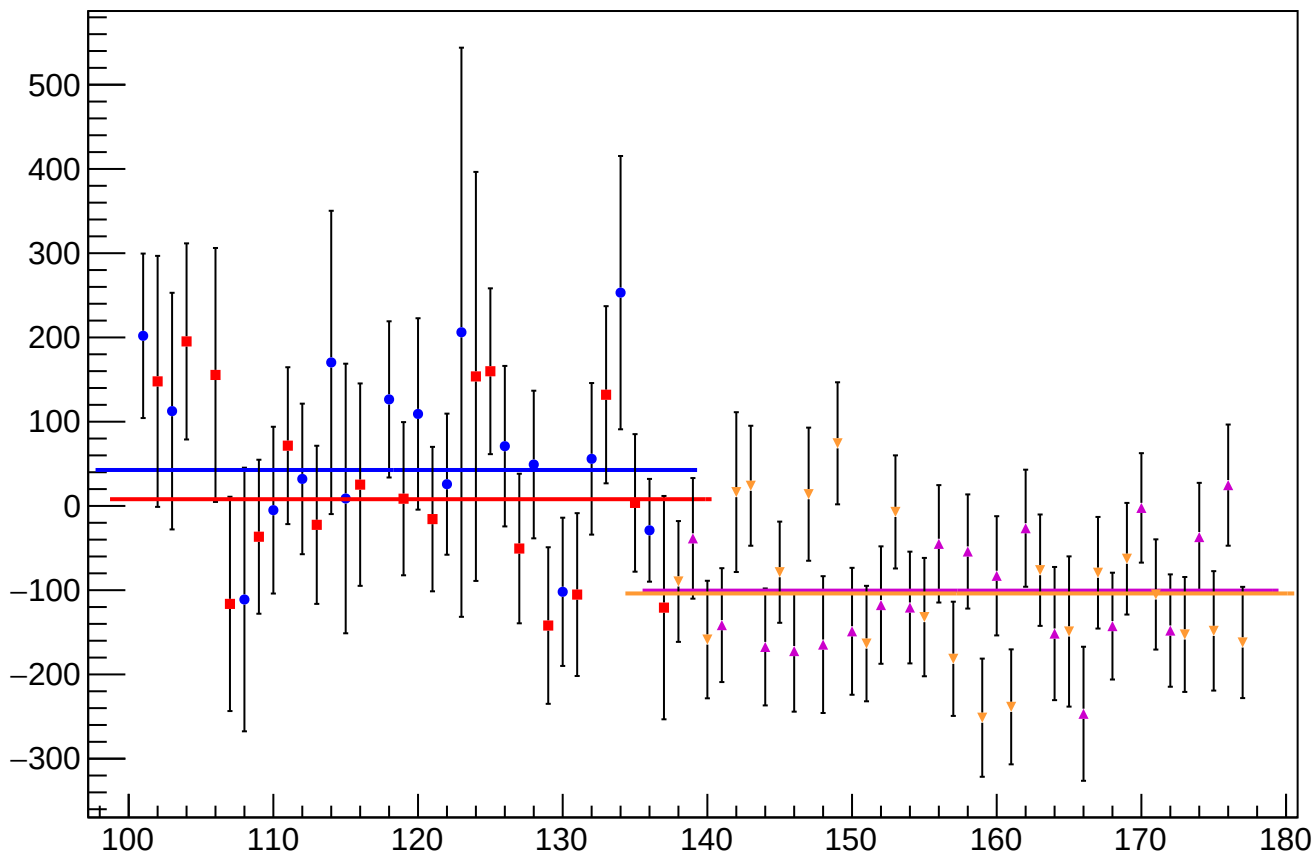
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 972.688 $\pm$ 0.151 χ^2/NDF : 1727363.6/35

Out: 974.822 $\pm$ 0.147 χ^2/NDF : 1841409.9/38

All: 973.786 $\pm$ 0.106 χ^2/NDF : 3568875.7/74

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: -103.886 ± 15.256 $\chi^2/\text{NDF}: 29.2/20$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -100.538 ± 16.075 $\chi^2/\text{NDF}: 17.6/18$

Left: -102.299 ± 11.066 $\chi^2/\text{NDF}: 46.8/39$

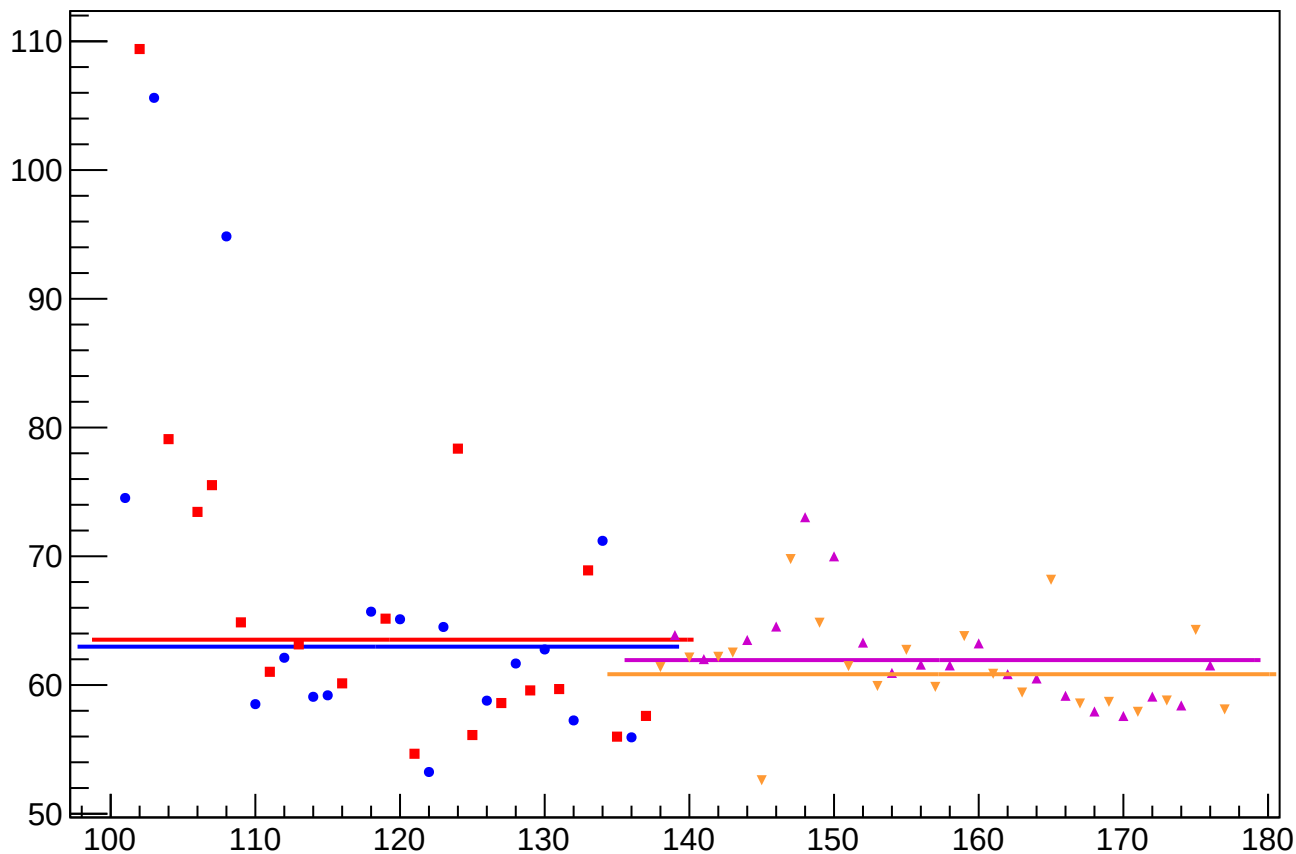
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -57.931 ± 13.473 $\chi^2/\text{NDF}: 53.2/35$

Out: -72.612 ± 12.949 $\chi^2/\text{NDF}: 60.0/38$

All: -65.562 ± 9.336 $\chi^2/\text{NDF}: 113.8/74$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 60.840 $\pm$ 0.011 χ^2 /NDF: 110481.8/20

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 61.937 $\pm$ 0.011 χ^2 /NDF: 97485.0/18

Left: 61.359 $\pm$ 0.008 χ^2 /NDF: 212867.6/39

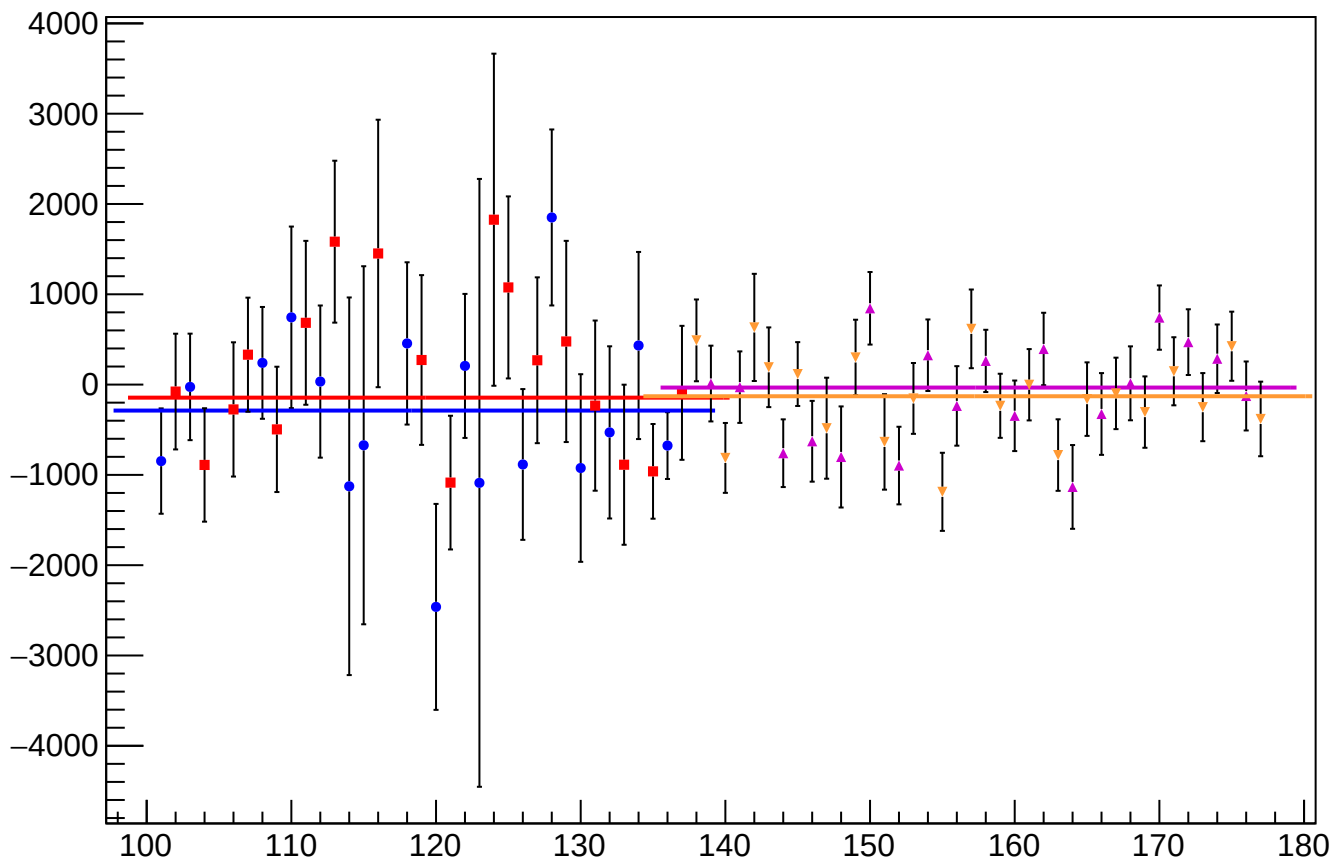
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.247 $\pm$ 0.010 χ^2 /NDF: 475255.7/35

Out: 61.589 $\pm$ 0.009 χ^2 /NDF: 463198.9/38

All: 61.905 $\pm$ 0.007 χ^2 /NDF: 940931.4/74

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: -129.187 $\pm$ 90.000 χ^2 /NDF:25.2/20

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -32.968 $\pm$ 92.676 χ^2 /NDF:33.2/18

Left: -82.487 $\pm$ 64.565 χ^2 /NDF: 59.0/39

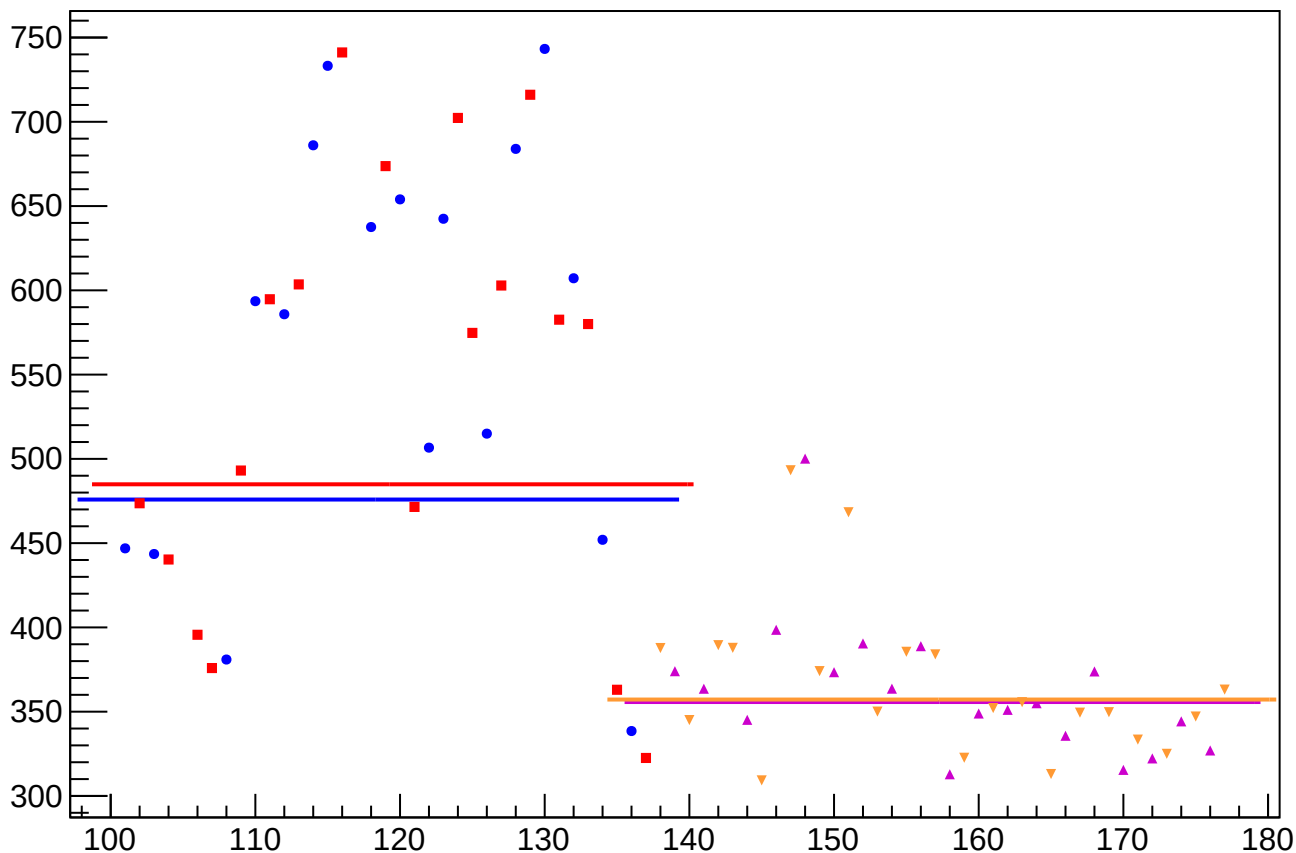
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -81.969 $\pm$ 83.286 χ^2 /NDF:50.1/35

Out: -132.071 $\pm$ 81.160 χ^2 /NDF:41.2/38

All: -107.668 $\pm$ 58.126 χ^2 /NDF: 91.5/74

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 357.199+/-0.064 χ^2/NDF : 358971.5/20

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 355.730+/-0.066 χ^2/NDF : 282077.8/18

Left: 356.486+/-0.046 χ^2/NDF : 641308.0/39

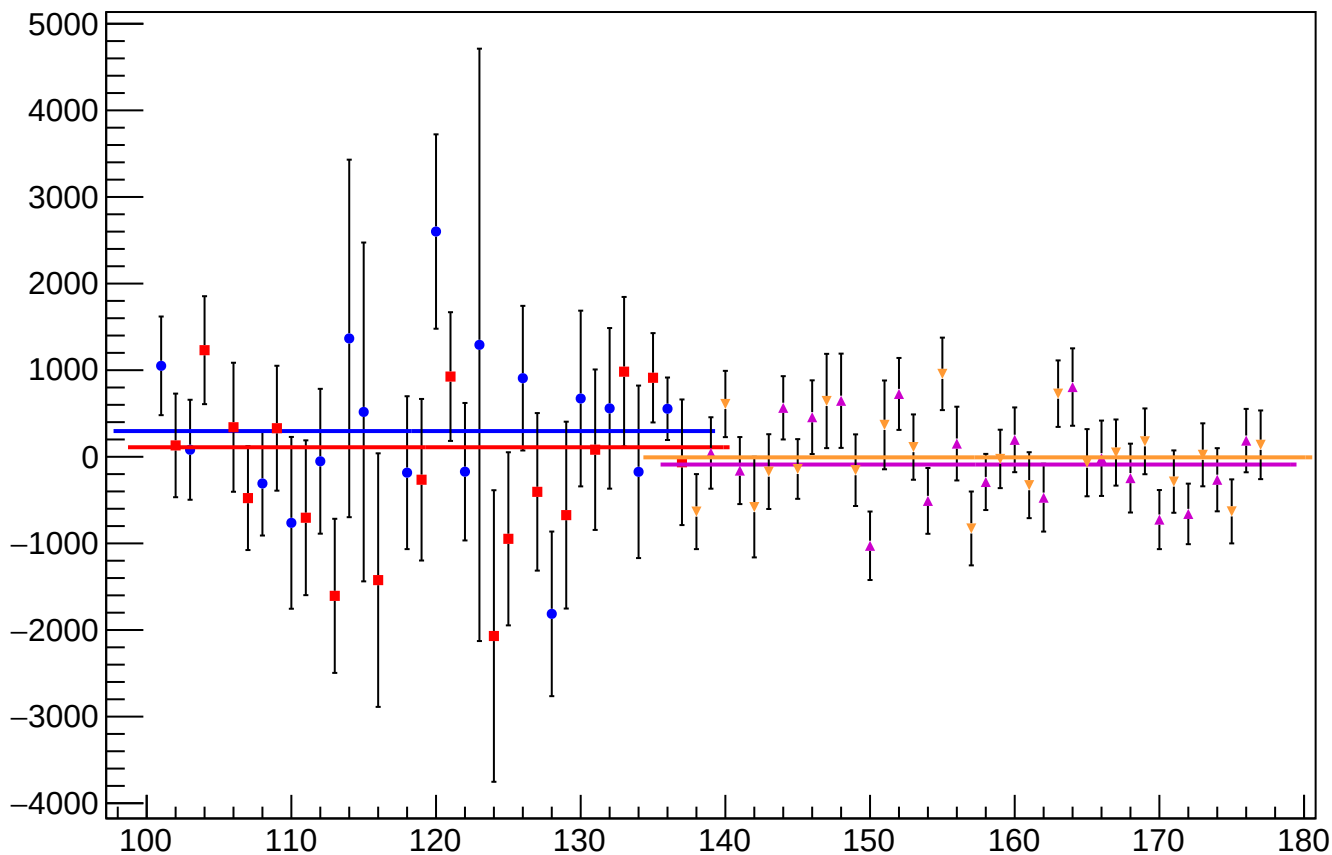
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 378.842+/-0.059 χ^2/NDF : 1766472.8/35

Out: 381.057+/-0.057 χ^2/NDF : 1827637.9/38

All: 379.978+/-0.041 χ^2/NDF : 3594836.5/74

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: -6.327 ± 87.025 $\chi^2/\text{NDF}: 25.4/20$

Right Out: 110.141 ± 184.400 $\chi^2/\text{NDF}: 18.5/17$

Left In: -89.389 ± 89.389 $\chi^2/\text{NDF}: 30.9/18$

Left: -46.745 ± 62.355 $\chi^2/\text{NDF}: 56.8/39$

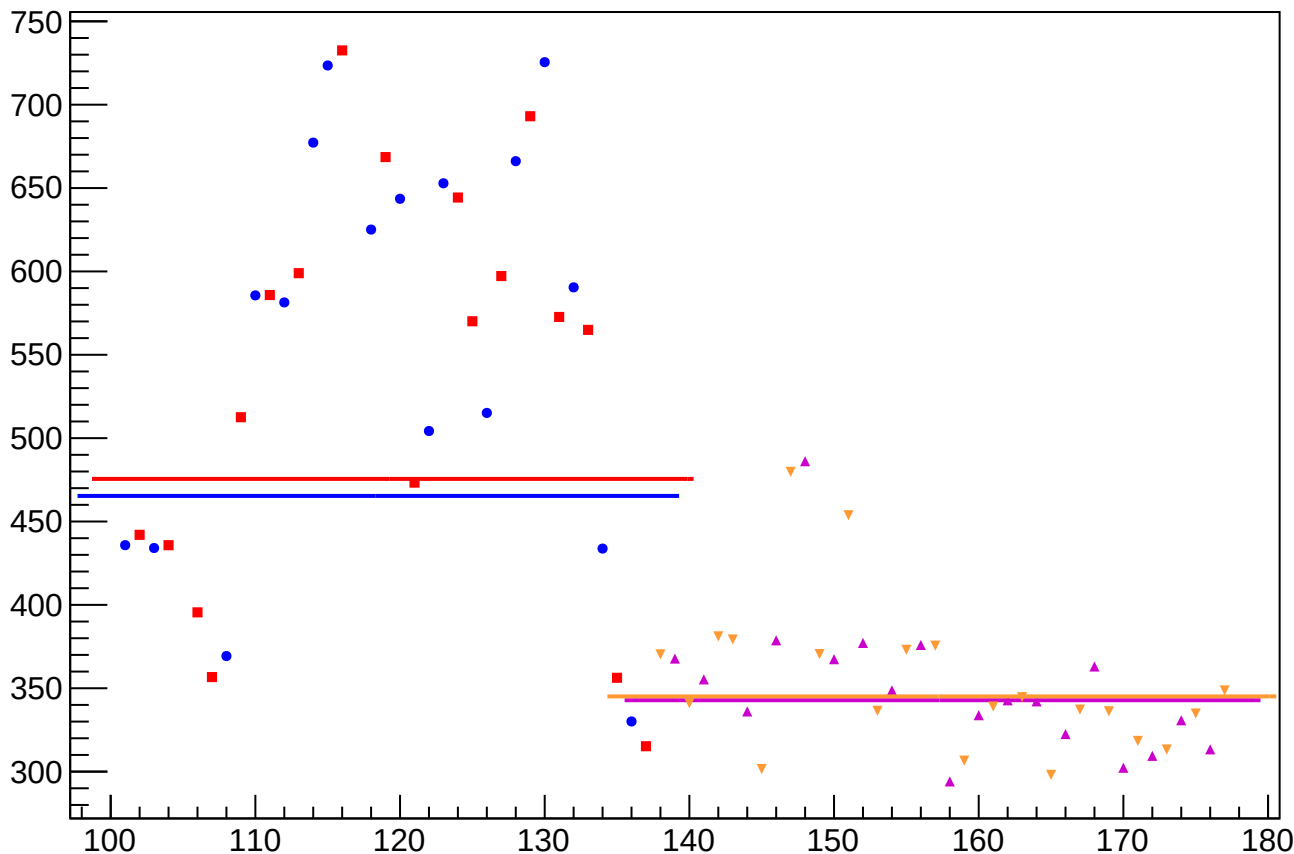
Right: 202.768 ± 130.944 $\chi^2/\text{NDF}: 34.9/34$

In: -16.879 ± 80.566 $\chi^2/\text{NDF}: 50.3/35$

Out: 14.888 ± 78.701 $\chi^2/\text{NDF}: 44.3/38$

All: -0.624 ± 56.298 $\chi^2/\text{NDF}: 94.6/74$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 345.114 $\pm$ 0.062 χ^2 /NDF: 385225.1/20

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 342.824 $\pm$ 0.063 χ^2 /NDF: 314549.8/18

Left: 344.000 $\pm$ 0.044 χ^2 /NDF: 700448.7/39

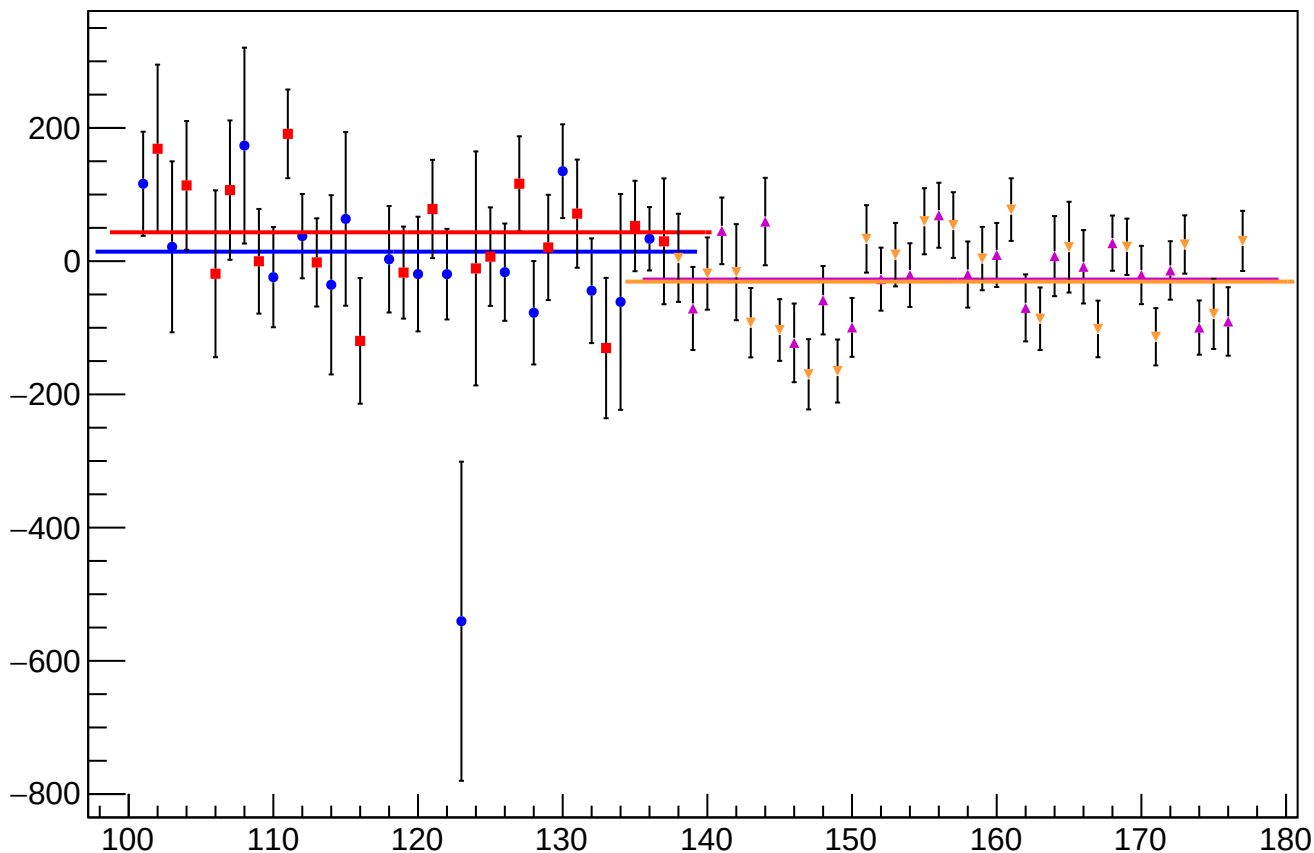
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 365.820 $\pm$ 0.057 χ^2 /NDF: 1880226.0/35

Out: 368.875 $\pm$ 0.056 χ^2 /NDF: 1944602.0/38

All: 367.383 $\pm$ 0.040 χ^2 /NDF: 3826300.0/74

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: -30.723 ± 10.758 $\chi^2/\text{NDF}: 48.0/20$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -27.658 ± 11.310 $\chi^2/\text{NDF}: 22.2/18$

Left: -29.267 ± 7.795 $\chi^2/\text{NDF}: 70.3/39$

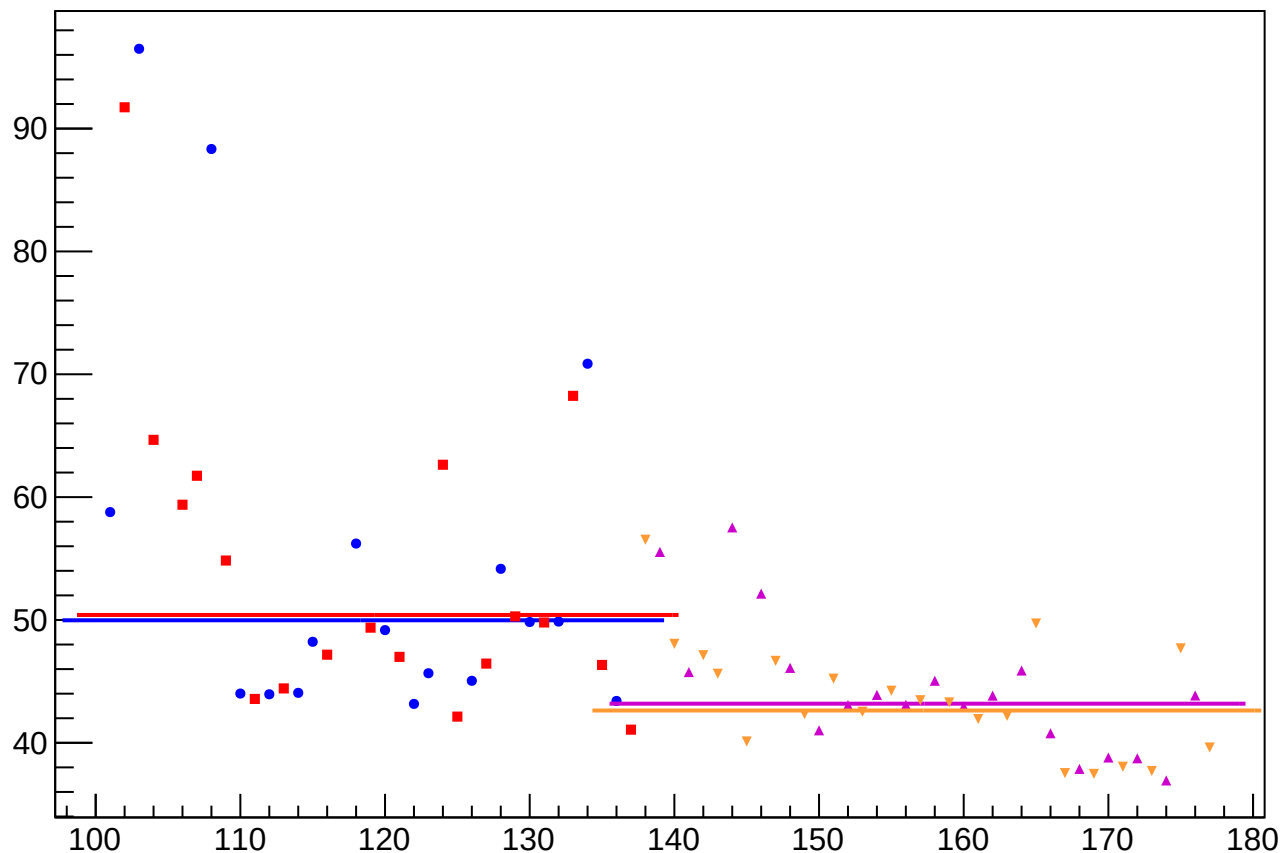
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -17.400 ± 9.829 $\chi^2/\text{NDF}: 40.4/35$

Out: -13.644 ± 9.436 $\chi^2/\text{NDF}: 75.1/38$

All: -15.446 ± 6.807 $\chi^2/\text{NDF}: 115.5/74$

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: 42.629 $\pm$ 0.008 χ^2 /NDF: 304962.2/20

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 43.185 $\pm$ 0.008 χ^2 /NDF: 368998.1/18

Left: 42.893 $\pm$ 0.006 χ^2 /NDF: 676494.4/39

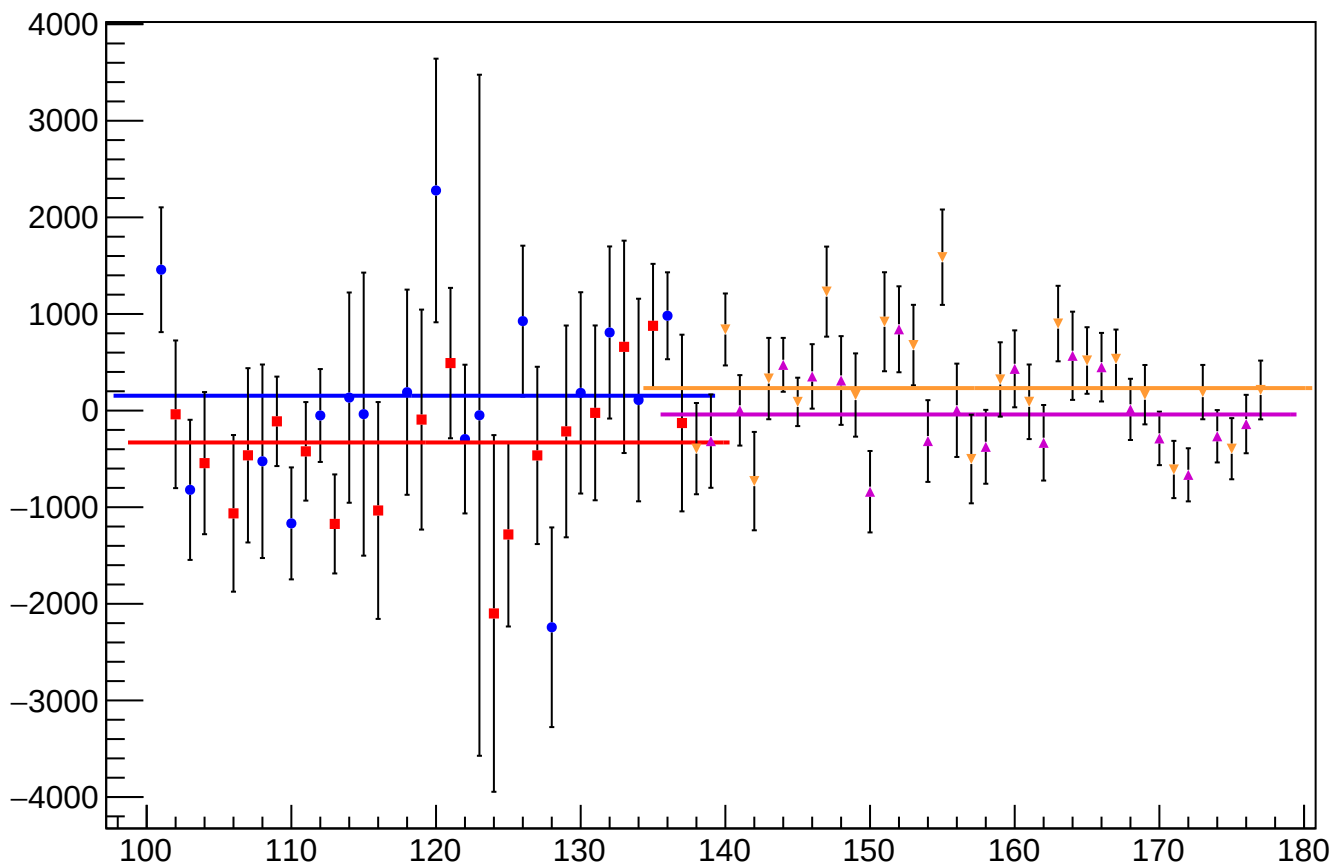
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 44.846 $\pm$ 0.007 χ^2 /NDF: 1124089.4/35

Out: 44.423 $\pm$ 0.007 χ^2 /NDF: 1013571.7/38

All: 44.626 $\pm$ 0.005 χ^2 /NDF: 2139590.3/74

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: 232.840 $\pm$ 78.994 χ^2 /NDF:42.9/20

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -40.149 $\pm$ 81.065 χ^2 /NDF:26.9/18

Left: 99.876 $\pm$ 56.575 χ^2 /NDF: 75.6/39

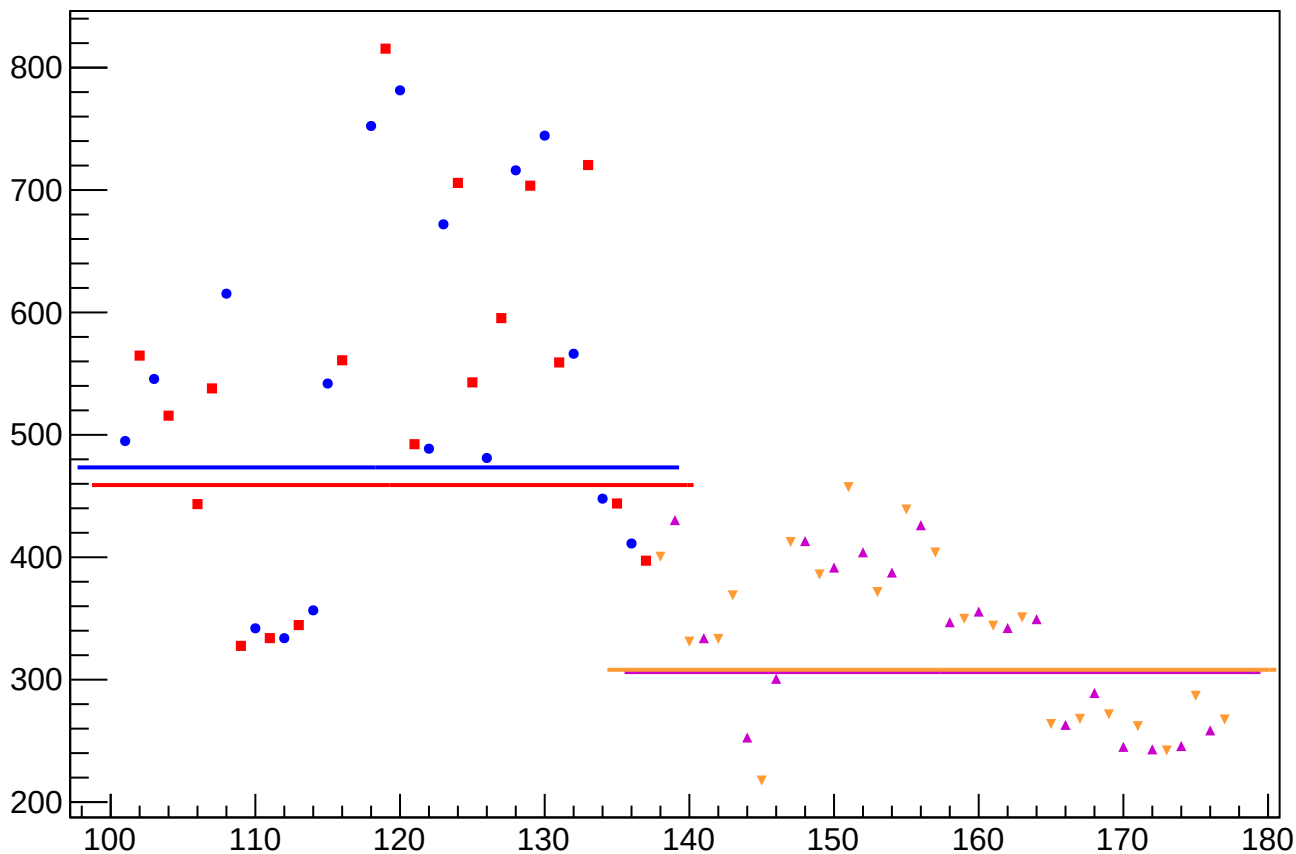
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: -10.265 $\pm$ 74.559 χ^2 /NDF:52.5/35

Out: 141.779 $\pm$ 72.321 χ^2 /NDF:63.2/38

All: 68.074 $\pm$ 51.912 χ^2 /NDF: 117.9/74

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 308.087 $\pm$ 0.056 χ^2 /NDF:1365107.7/20

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 306.203 $\pm$ 0.057 χ^2 /NDF:1177734.8/18

Left: 307.170 $\pm$ 0.040 χ^2 /NDF: 2543396.5/39

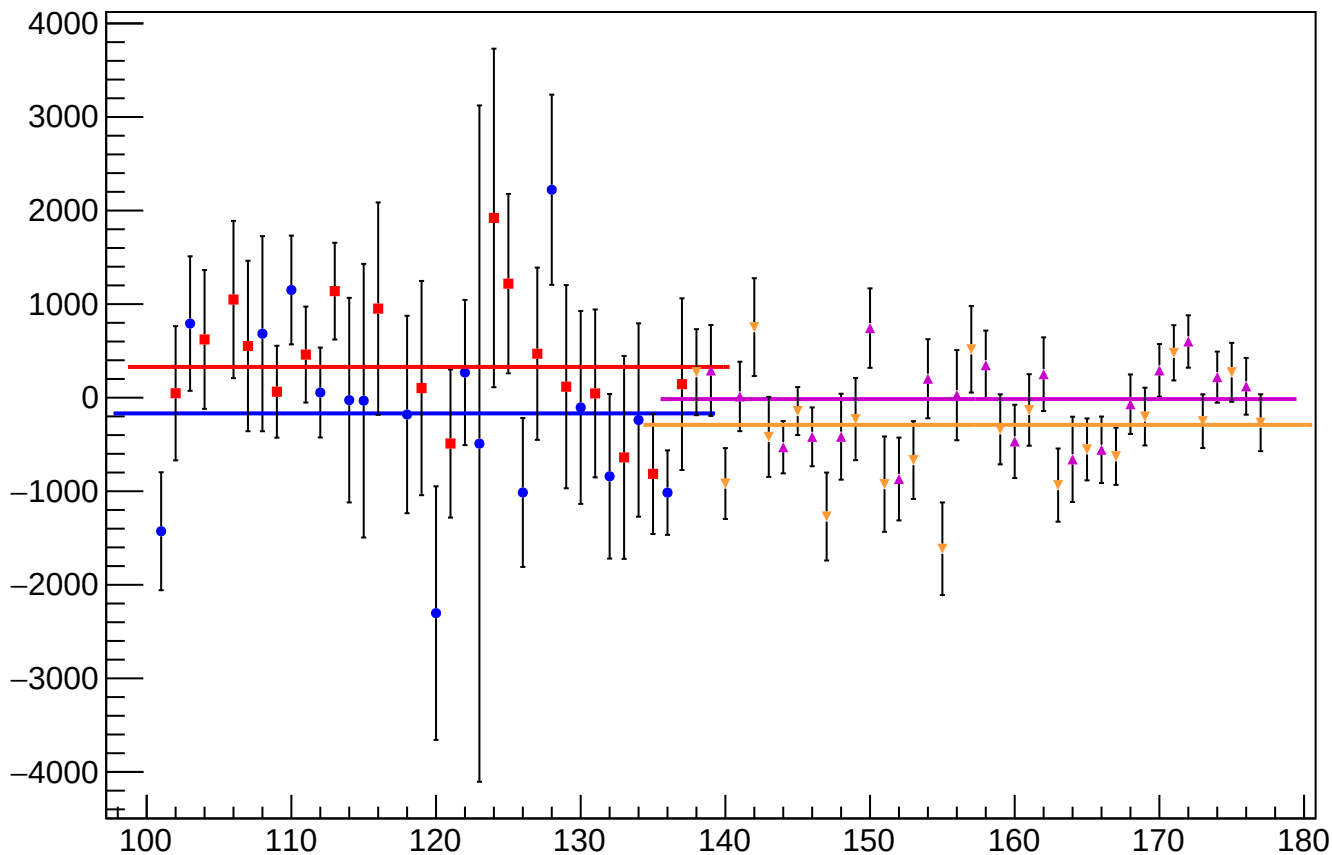
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 331.961 $\pm$ 0.053 χ^2 /NDF:3403422.6/35

Out: 332.503 $\pm$ 0.051 χ^2 /NDF:3552252.2/38

All: 332.241 $\pm$ 0.037 χ^2 /NDF: 6955729.2/74

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 χ^2/NDF : 25.4/16

Left Out: -290.451 ± 79.178 χ^2/NDF : 40.4/20

Right Out: 328.598 ± 181.559 χ^2/NDF : 11.1/17

Left In: -14.988 ± 81.041 χ^2/NDF : 27.5/18

Left: -155.922 ± 56.635 χ^2/NDF : 73.8/39

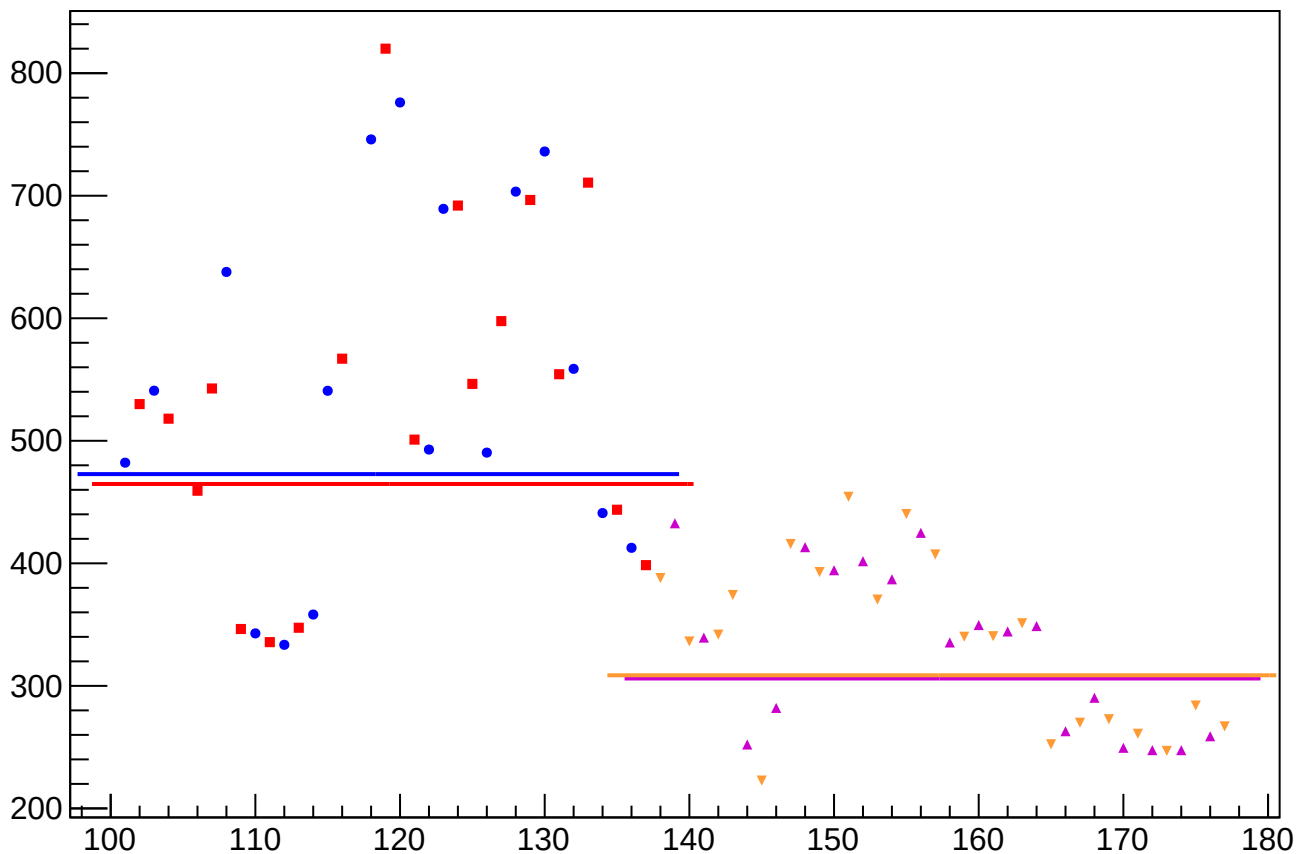
Right: 91.236 ± 131.185 χ^2/NDF : 40.1/34

In: -38.599 ± 74.529 χ^2/NDF : 53.4/35

Out: -191.531 ± 72.577 χ^2/NDF : 61.3/38

All: -117.094 ± 51.996 χ^2/NDF : 116.9/74

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: 308.651 $\pm$ 0.056 χ^2/NDF :1330024.8/20

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 306.023 $\pm$ 0.057 χ^2/NDF :1138469.8/18

Left: 307.367 $\pm$ 0.040 χ^2/NDF : 2469570.4/39

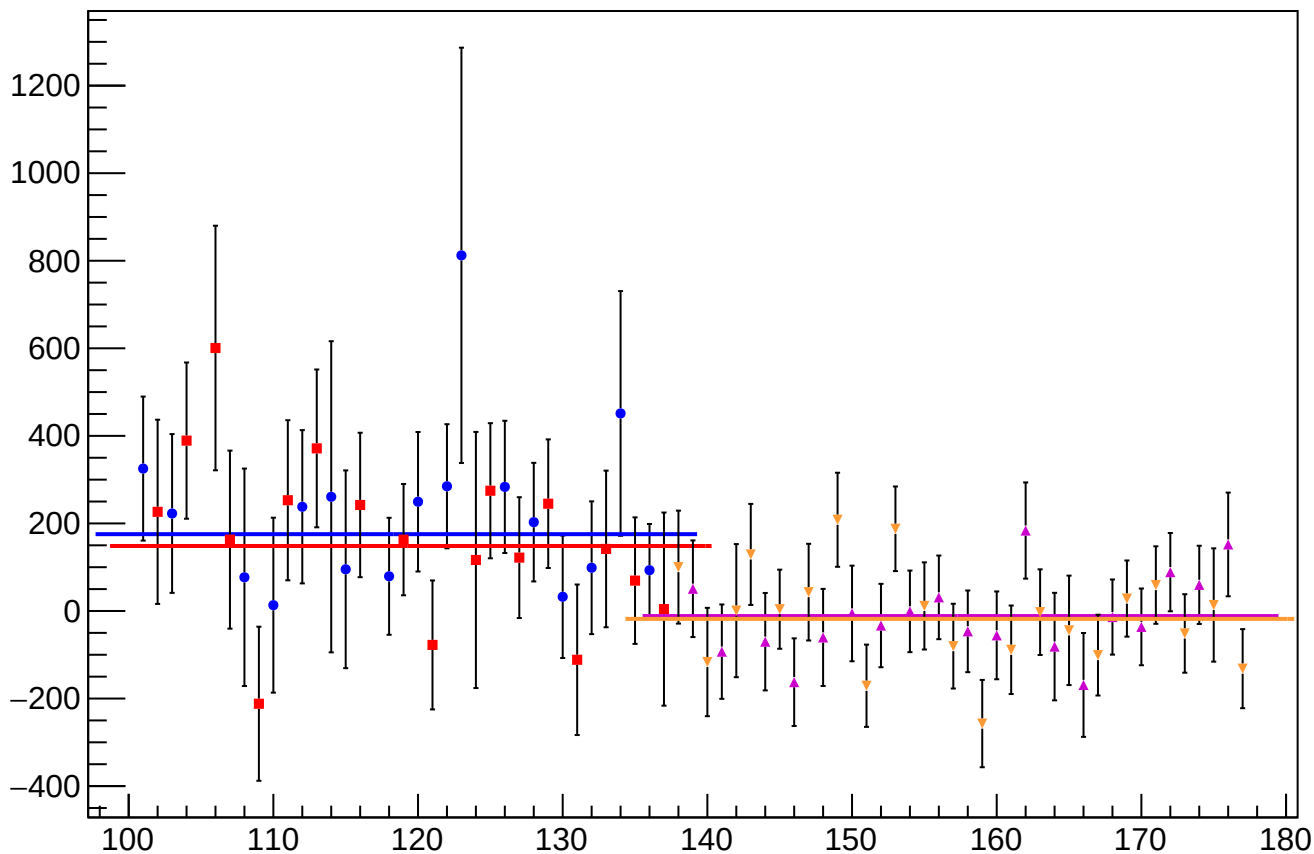
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 331.753 $\pm$ 0.053 χ^2/NDF :3341740.4/35

Out: 333.596 $\pm$ 0.051 χ^2/NDF :3487144.4/38

All: 332.699 $\pm$ 0.037 χ^2/NDF : 6829512.6/74

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -18.040 $\pm$ 22.283 χ^2 /NDF:25.5/20

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -11.614 $\pm$ 23.117 χ^2 /NDF:13.4/18

Left: -14.945 $\pm$ 16.043 χ^2 /NDF: 38.9/39

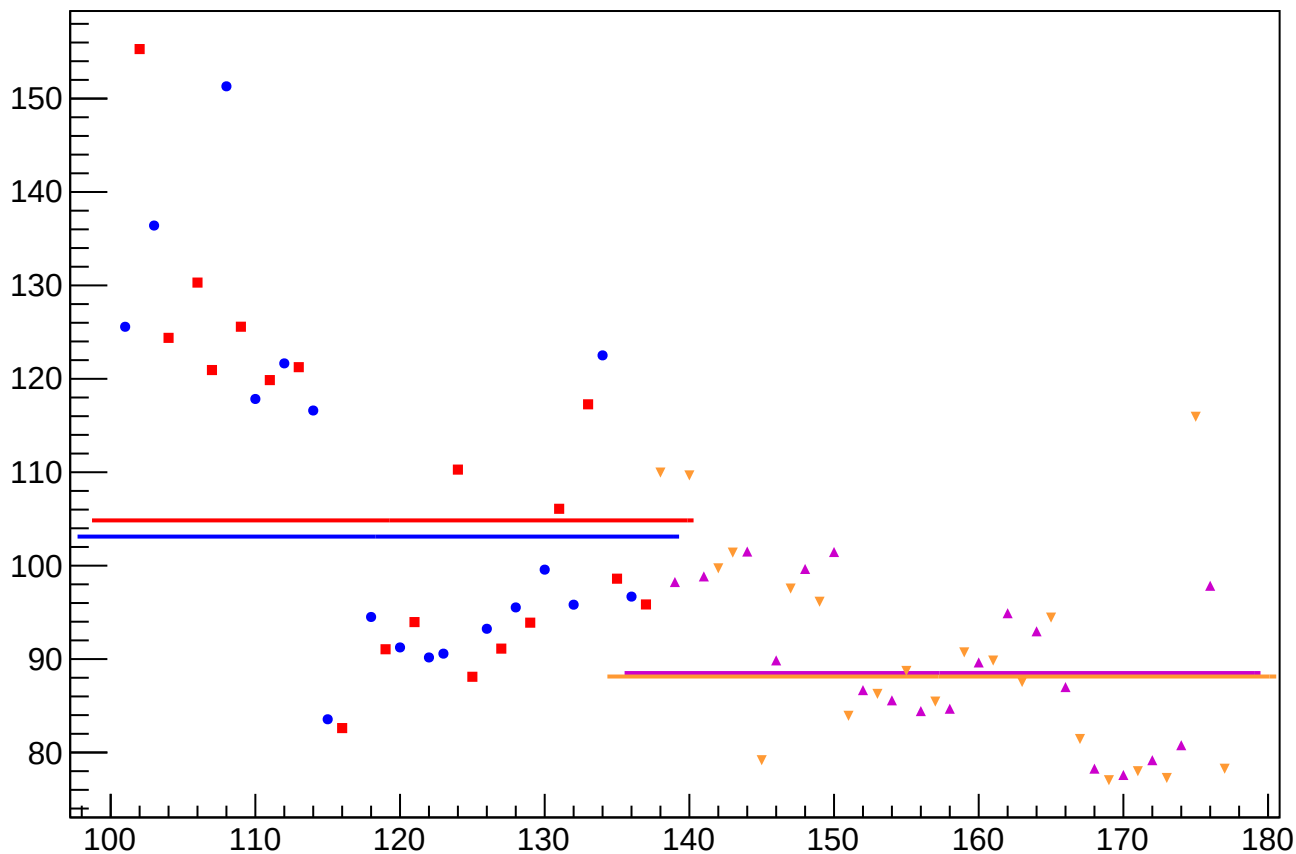
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 34.603 $\pm$ 20.060 χ^2 /NDF:38.1/35

Out: 20.895 $\pm$ 19.504 χ^2 /NDF:56.1/38

All: 27.557 $\pm$ 13.984 χ^2 /NDF: 94.5/74

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 $\chi^2/\text{NDF}: 306438.5/16$

Left Out: 88.132 ± 0.016 $\chi^2/\text{NDF}: 429483.8/20$

Right Out: 104.844 ± 0.029 $\chi^2/\text{NDF}: 368677.3/17$

Left In: 88.504 ± 0.016 $\chi^2/\text{NDF}: 238357.9/18$

Left: 88.311 ± 0.011 $\chi^2/\text{NDF}: 668110.1/39$

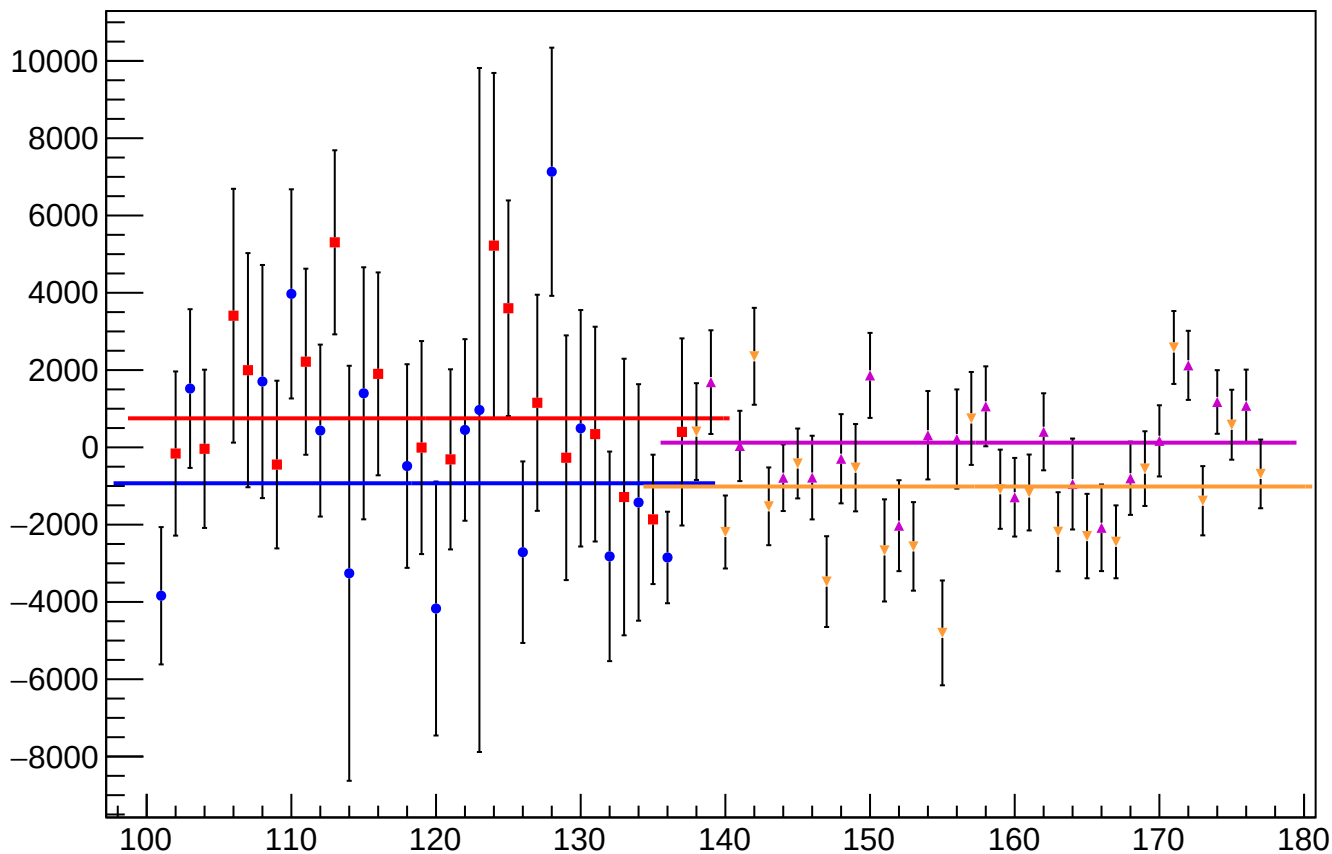
Right: 103.979 ± 0.020 $\chi^2/\text{NDF}: 676958.3/34$

In: 92.113 ± 0.014 $\chi^2/\text{NDF}: 742091.3/35$

Out: 92.041 ± 0.014 $\chi^2/\text{NDF}: 1061239.4/38$

All: 92.076 ± 0.010 $\chi^2/\text{NDF}: 1803344.1/74$

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1013.295 $\pm$ 226.354 χ^2 /NDF:51.9/20

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 121.808 $\pm$ 234.268 χ^2 /NDF:25.3/18

Left: -465.241 $\pm$ 162.782 χ^2 /NDF: 89.4/39

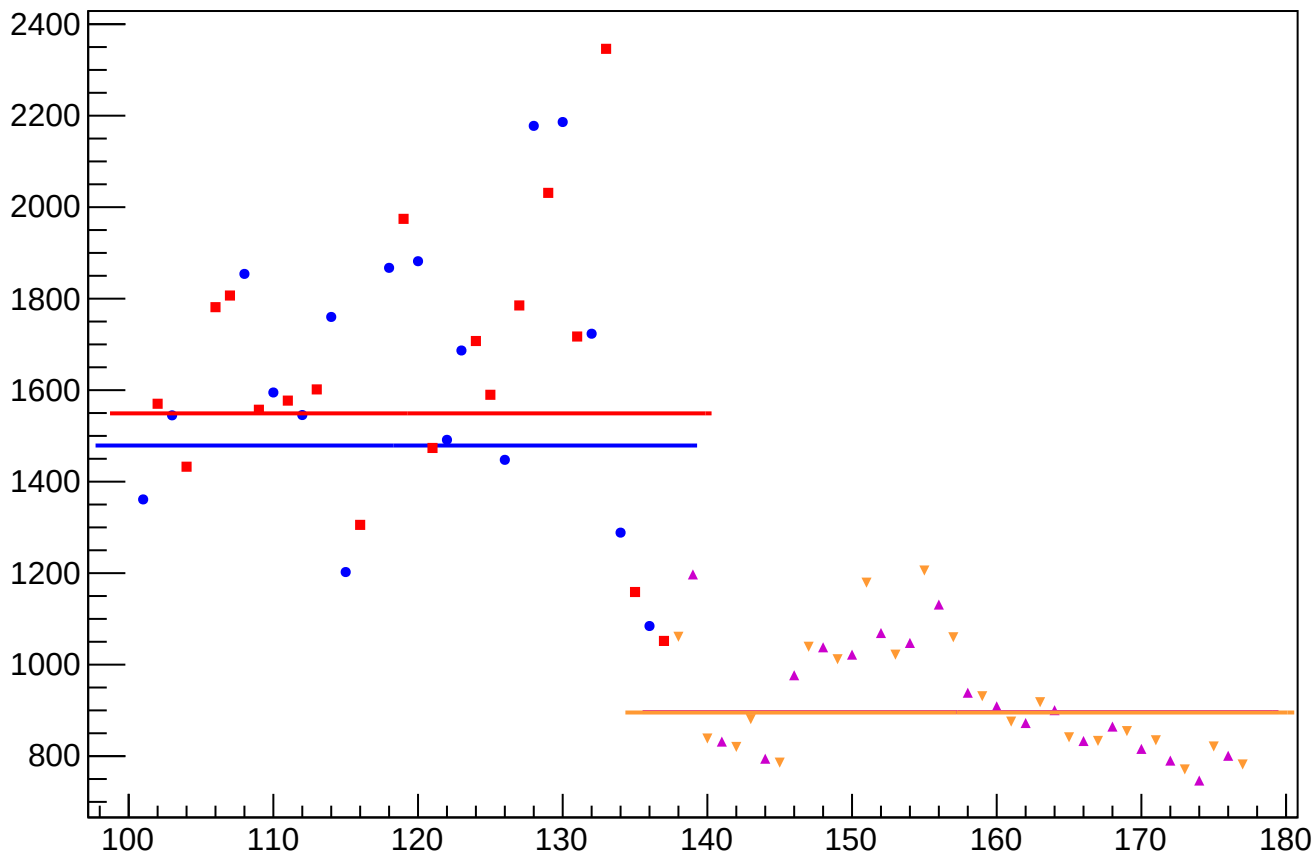
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -22.569 $\pm$ 217.578 χ^2 /NDF:49.0/35

Out: -790.181 $\pm$ 211.560 χ^2 /NDF:70.5/38

All: -417.139 $\pm$ 151.679 χ^2 /NDF: 125.8/74

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: 895.391 $\pm$ 0.160 χ^2 /NDF: 503346.3/20

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 896.410 $\pm$ 0.166 χ^2 /NDF: 494761.0/18

Left: 895.883 $\pm$ 0.115 χ^2 /NDF: 998126.9/39

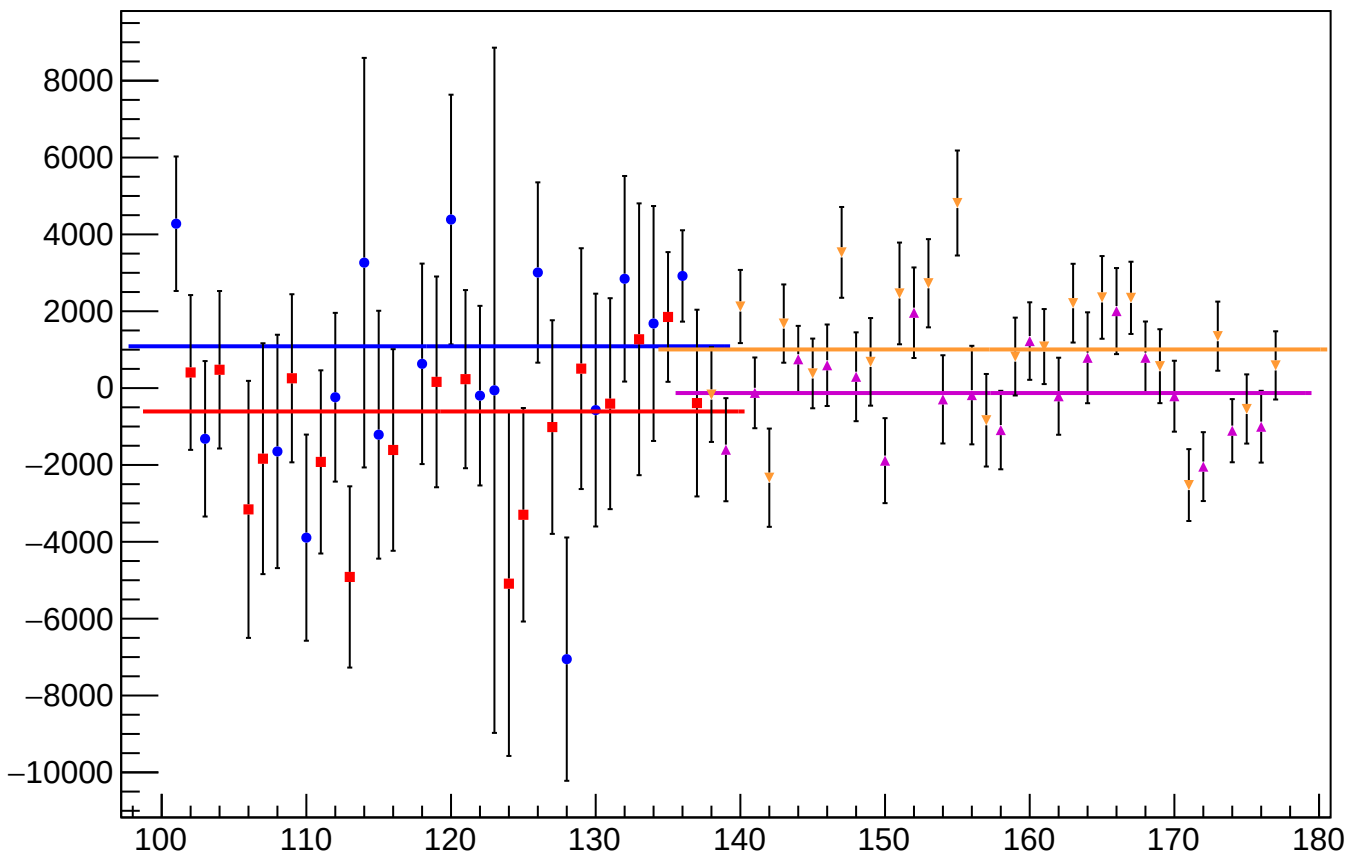
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 976.459 $\pm$ 0.154 χ^2 /NDF: 2783881.1/35

Out: 978.068 $\pm$ 0.150 χ^2 /NDF: 3076166.3/38

All: 977.286 $\pm$ 0.107 χ^2 /NDF: 5860103.6/74

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: 1005.846 $\pm$ 226.297 χ^2 /NDF: 51.1/20

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -128.508 $\pm$ 234.267 χ^2 /NDF: 23.3/18

Left: 458.292 $\pm$ 162.761 χ^2 /NDF: 86.5/39

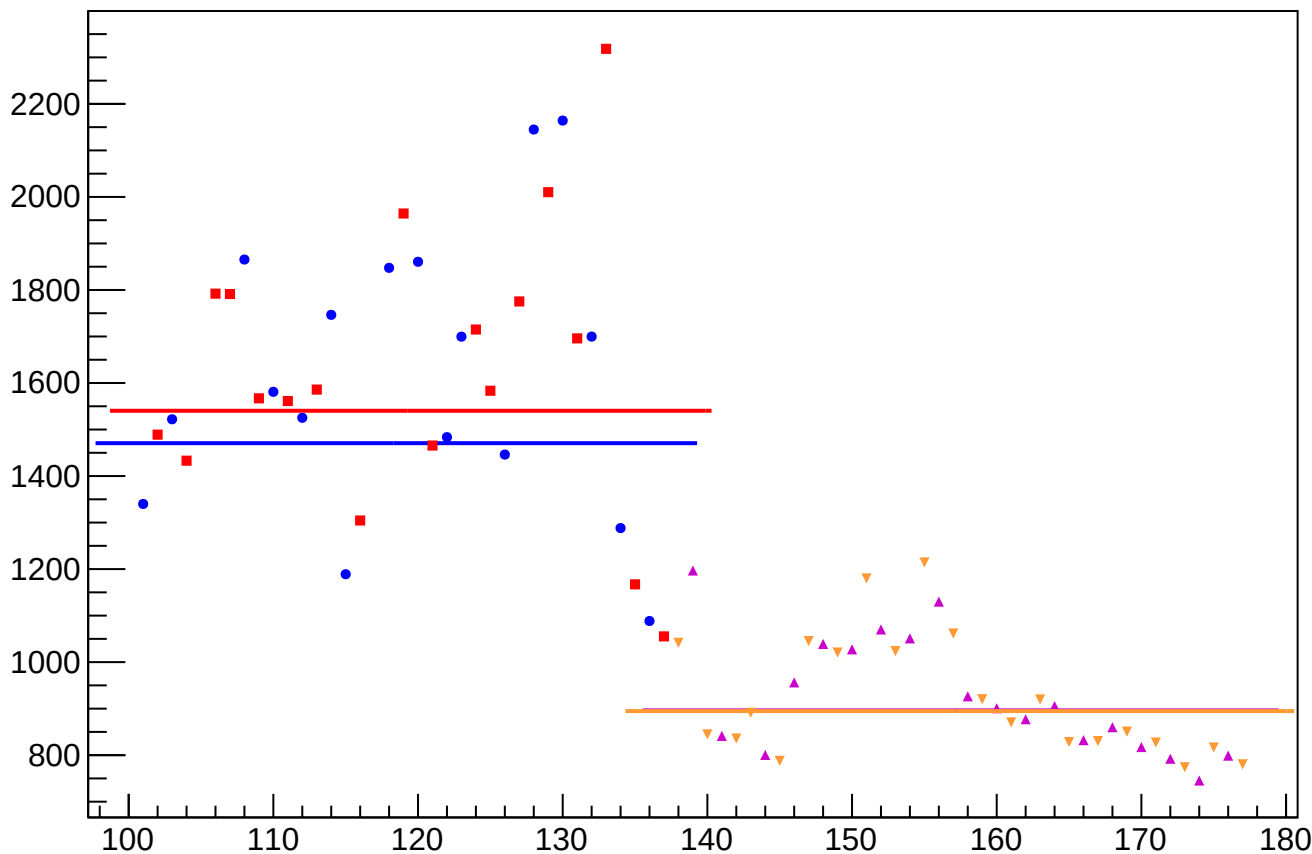
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 40.446 $\pm$ 217.391 χ^2 /NDF: 48.9/35

Out: 799.829 $\pm$ 211.360 χ^2 /NDF: 67.5/38

All: 430.818 $\pm$ 151.541 χ^2 /NDF: 122.6/74

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: 894.769 $\pm$ 0.160 χ^2/NDF : 508440.9/20

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 896.337 $\pm$ 0.166 χ^2/NDF : 486045.0/18

Left: 895.526 $\pm$ 0.115 χ^2/NDF : 994532.3/39

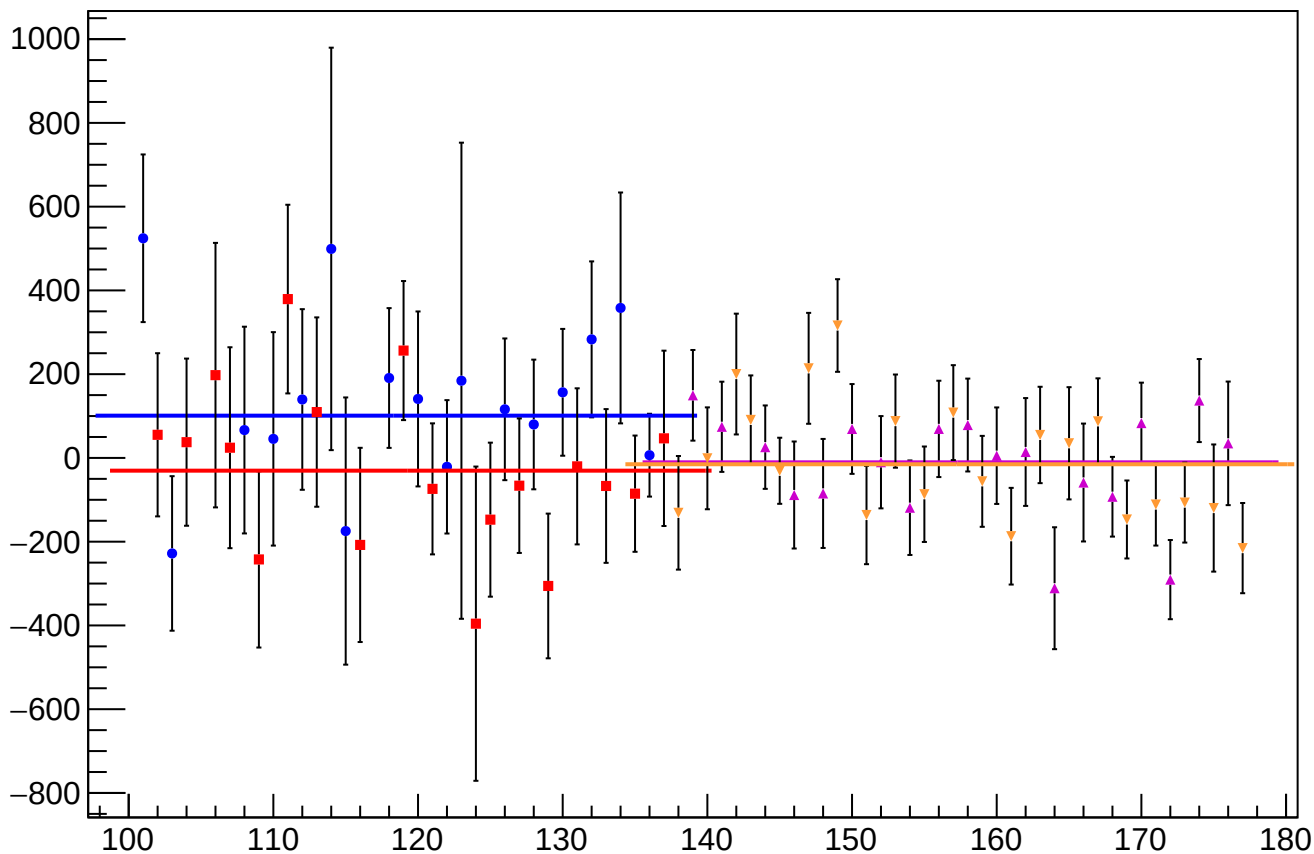
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 976.106 $\pm$ 0.154 χ^2/NDF : 2723377.2/35

Out: 977.184 $\pm$ 0.149 χ^2/NDF : 3029124.8/38

All: 976.660 $\pm$ 0.107 χ^2/NDF : 5752527.3/74

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -15.099 $\pm$ 24.177 χ^2 /NDF:31.2/20

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: -10.520 $\pm$ 25.750 χ^2 /NDF:23.4/18

Left: -12.954 $\pm$ 17.626 χ^2 /NDF: 54.6/39

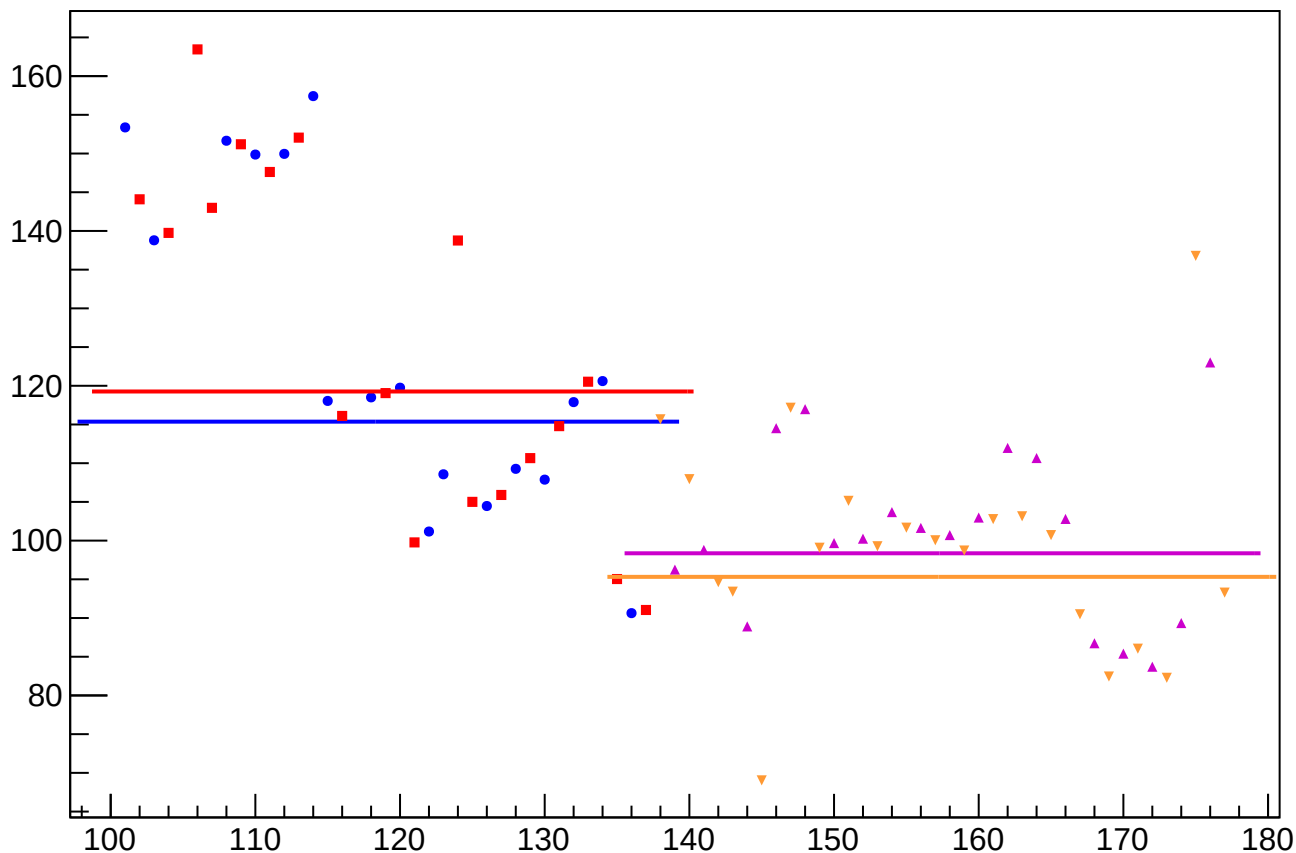
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 16.710 $\pm$ 22.384 χ^2 /NDF:41.0/35

Out: -18.446 $\pm$ 21.371 χ^2 /NDF:44.8/38

All: -1.682 $\pm$ 15.458 χ^2 /NDF: 87.1/74

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: 95.318 $\pm$ 0.017 χ^2 /NDF: 642678.5/20

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 98.363 $\pm$ 0.018 χ^2 /NDF: 327662.9/18

Left: 96.745 $\pm$ 0.012 χ^2 /NDF: 985196.9/39

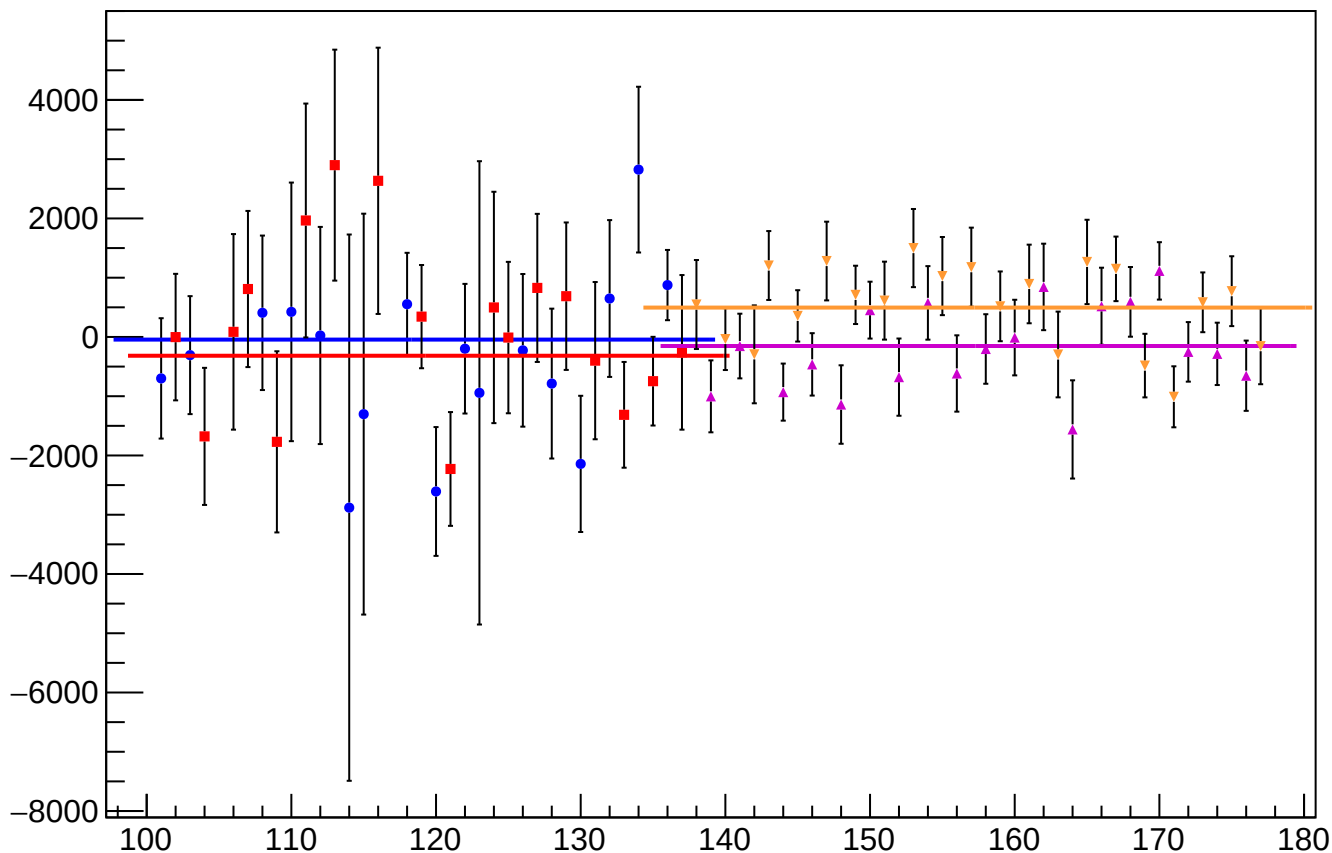
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 102.517 $\pm$ 0.016 χ^2 /NDF: 952116.6/35

Out: 100.553 $\pm$ 0.015 χ^2 /NDF: 1469831.4/38

All: 101.490 $\pm$ 0.011 χ^2 /NDF: 2430009.4/74

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: 495.757 $\pm$ 129.496 χ^2/NDF : 26.5/20

Right Out: -316.976 $\pm$ 283.113 χ^2/NDF : 16.8/17

Left In: -152.683 $\pm$ 132.907 χ^2/NDF : 26.4/18

Left: 179.964 $\pm$ 92.750 χ^2/NDF : 65.1/39

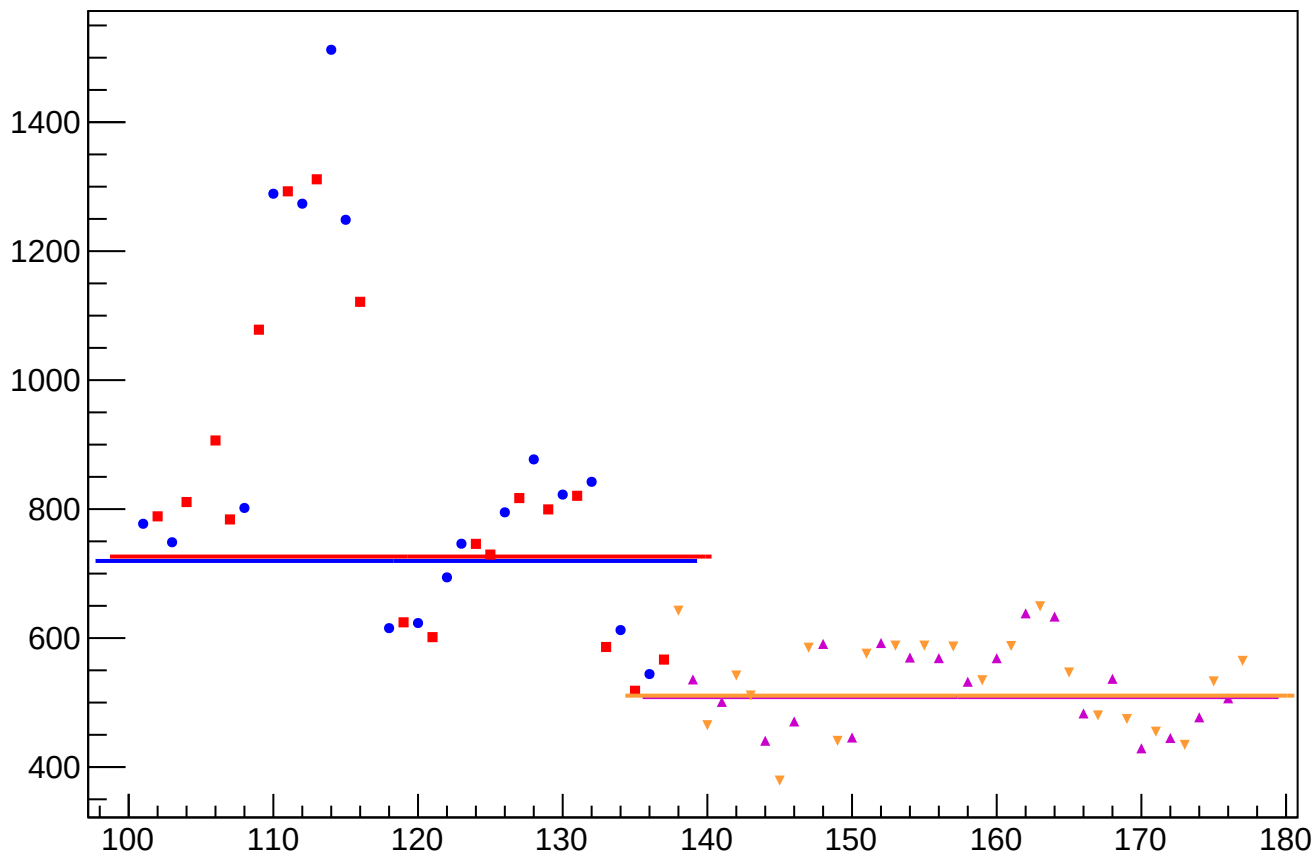
Right: -182.282 $\pm$ 201.303 χ^2/NDF : 35.1/34

In: -133.510 $\pm$ 120.549 χ^2/NDF : 44.4/35

Out: 355.140 $\pm$ 117.762 χ^2/NDF : 50.1/38

All: 116.530 $\pm$ 84.238 χ^2/NDF : 102.9/74

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: 510.736 $\pm$ 0.092 χ^2 /NDF: 641657.2/20

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 508.454 $\pm$ 0.094 χ^2 /NDF: 419943.2/18

Left: 509.625 $\pm$ 0.066 χ^2 /NDF: 1061902.9/39

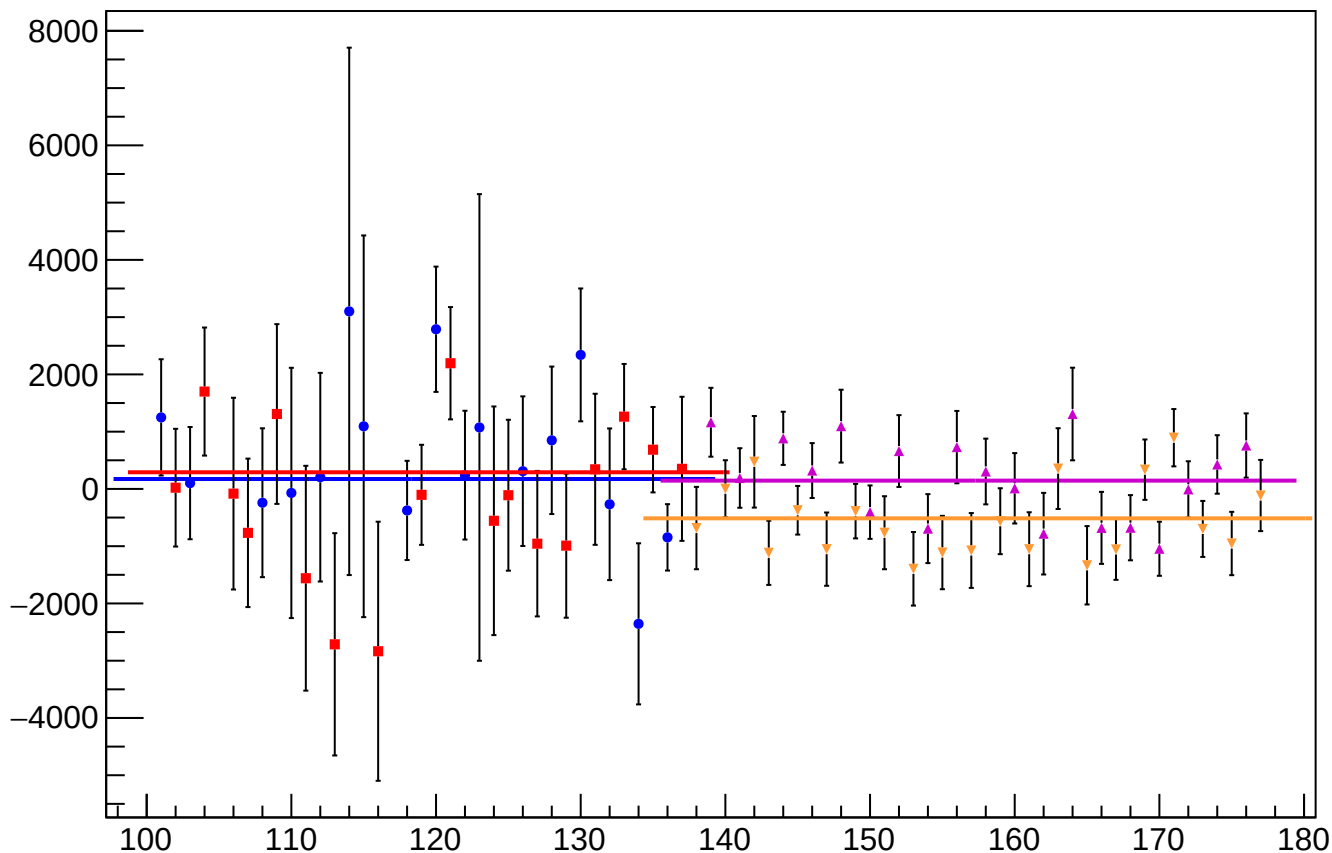
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 545.894 $\pm$ 0.085 χ^2 /NDF: 2061967.8/35

Out: 548.049 $\pm$ 0.083 χ^2 /NDF: 2482378.0/38

All: 546.997 $\pm$ 0.060 χ^2 /NDF: 4544673.1/74

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: -513.570 $\pm$ 125.471 χ^2 /NDF:24.7/20

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 145.010 $\pm$ 128.278 χ^2 /NDF:28.3/18

Left: -191.565 $\pm$ 89.697 χ^2 /NDF: 66.5/39

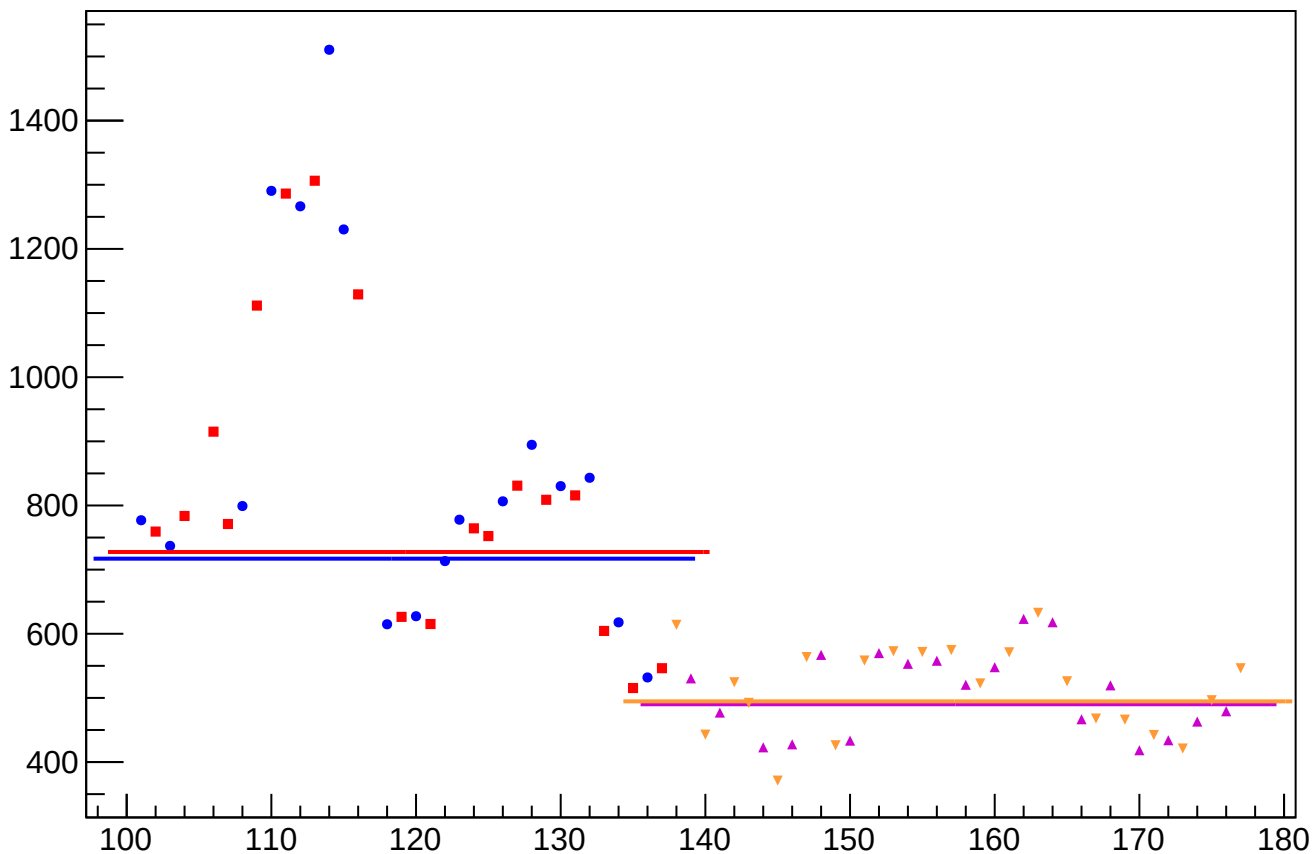
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 149.737 $\pm$ 117.021 χ^2 /NDF:46.4/35

Out: -381.856 $\pm$ 114.739 χ^2 /NDF:47.1/38

All: -121.294 $\pm$ 81.928 χ^2 /NDF: 104.0/74

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 494.632+/-0.089 χ^2/NDF : 627267.2/20

Right Out: 727.490+/-0.200 χ^2/NDF : 881036.5/17

Left In: 490.102+/-0.091 χ^2/NDF : 451957.1/18

Left: 492.417+/-0.063 χ^2/NDF : 1080499.0/39

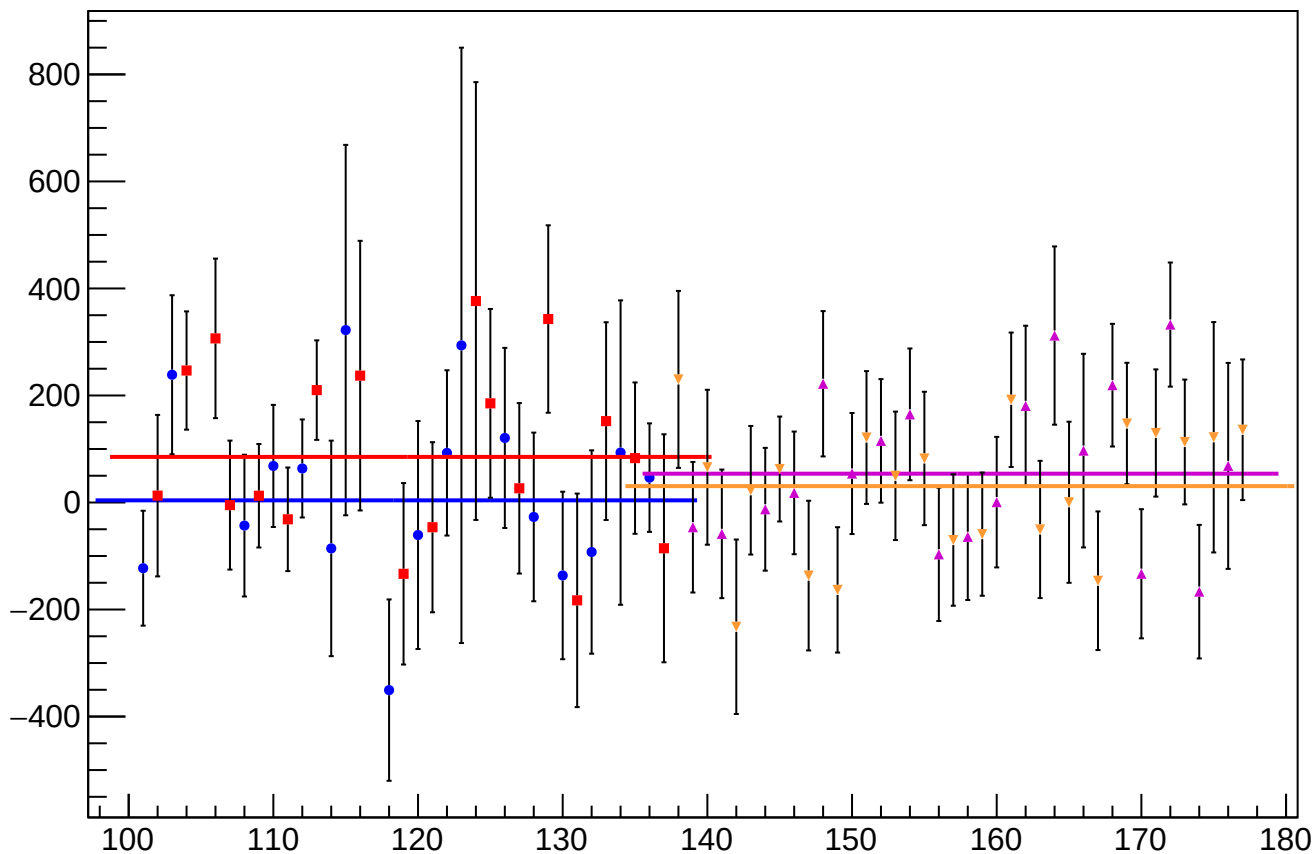
Right: 722.325+/-0.142 χ^2/NDF : 1664822.9/34

In: 528.190+/-0.083 χ^2/NDF : 2285156.3/35

Out: 532.762+/-0.081 χ^2/NDF : 2636285.9/38

All: 530.521+/-0.058 χ^2/NDF : 4922999.1/74

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 30.606 ± 27.853 $\chi^2/\text{NDF}: 17.4/20$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 53.840 ± 29.030 $\chi^2/\text{NDF}: 23.8/18$

Left: 41.742 ± 20.098 $\chi^2/\text{NDF}: 41.6/39$

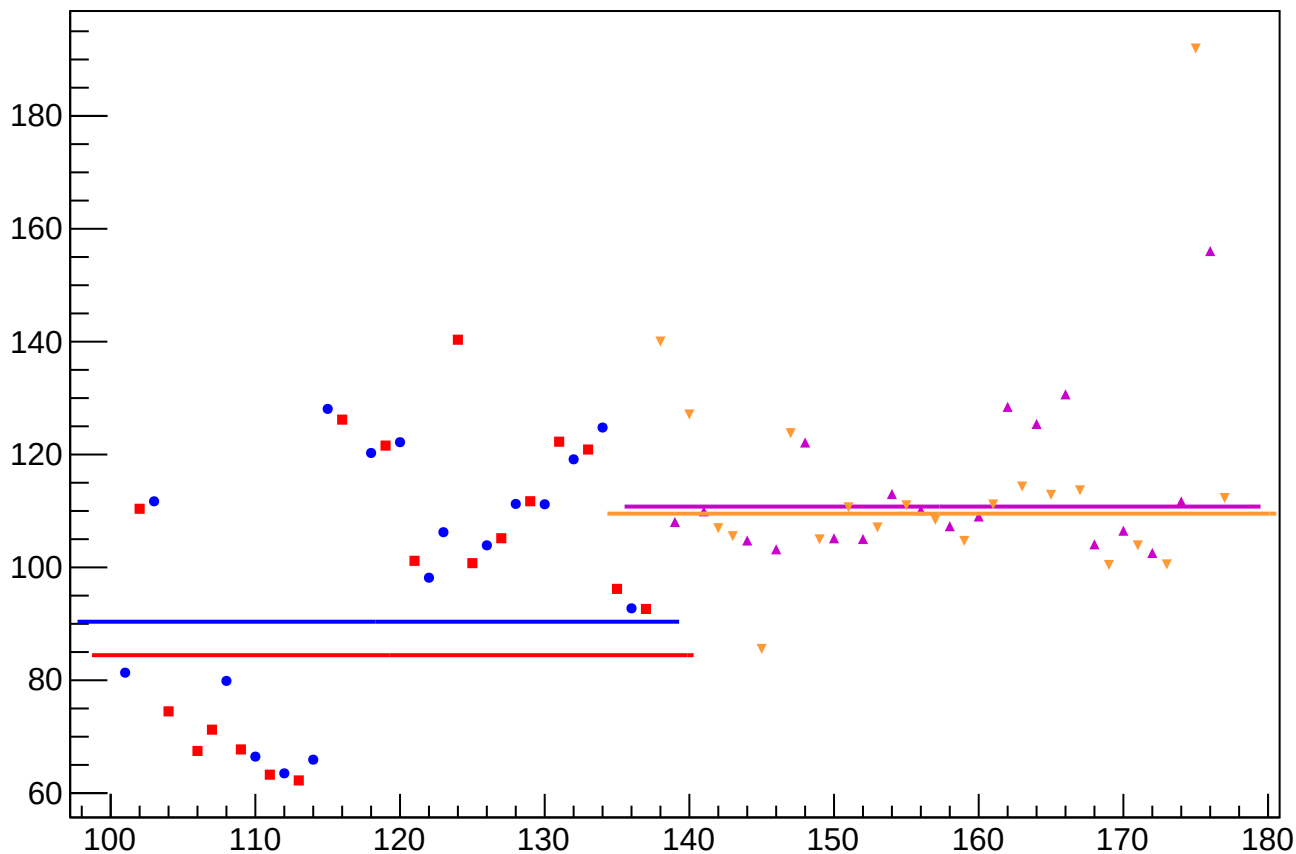
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 34.173 ± 22.586 $\chi^2/\text{NDF}: 37.7/35$

Out: 52.991 ± 21.394 $\chi^2/\text{NDF}: 36.4/38$

All: 44.091 ± 15.532 $\chi^2/\text{NDF}: 74.5/74$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 χ^2/NDF : 654139.7/16

Left Out: 109.527 ± 0.020 χ^2/NDF : 577932.6/20

Right Out: 84.442 ± 0.024 χ^2/NDF : 870835.6/17

Left In: 110.778 ± 0.021 χ^2/NDF : 239619.4/18

Left: 110.126 ± 0.014 χ^2/NDF : 819485.8/39

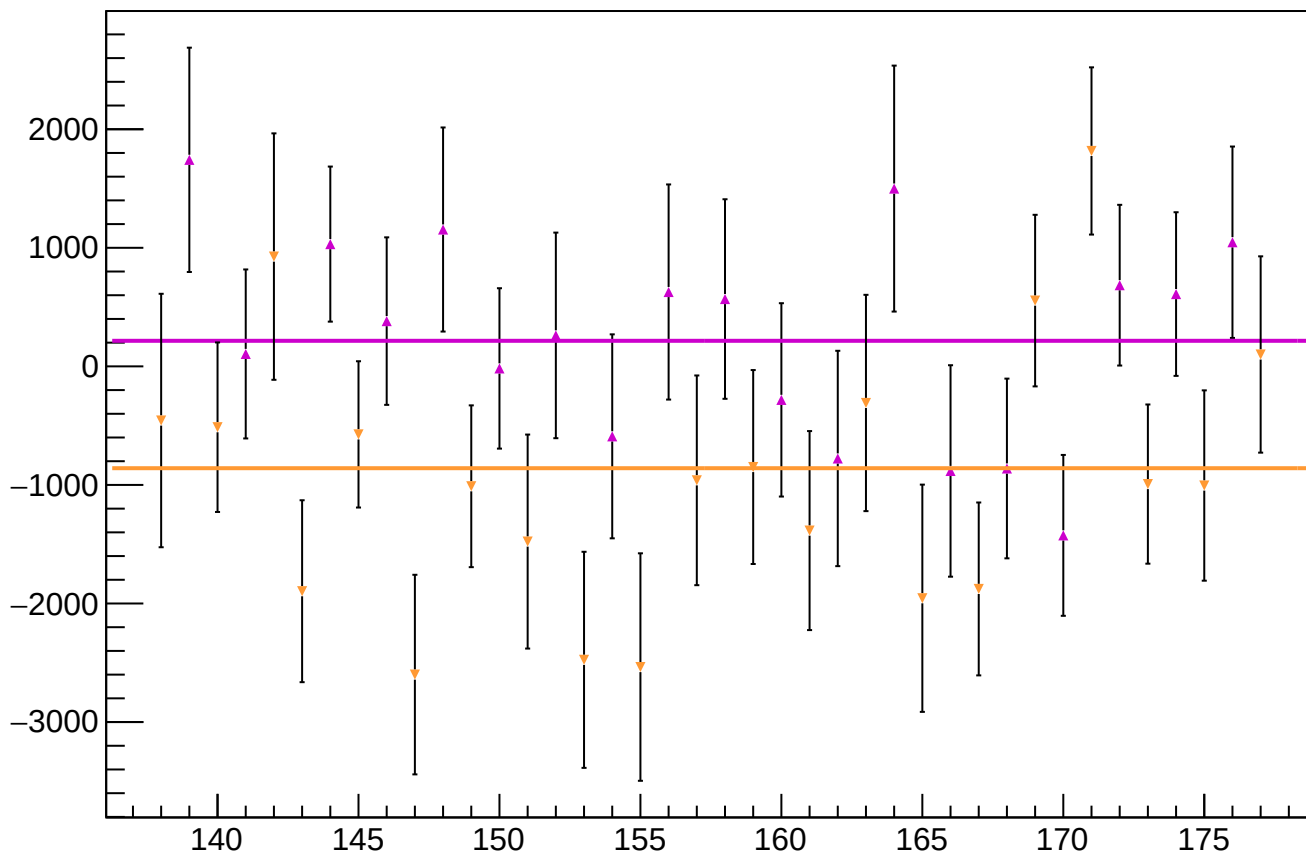
Right: 87.192 ± 0.017 χ^2/NDF : 1554203.3/34

In: 102.725 ± 0.016 χ^2/NDF : 1283669.9/35

Out: 99.242 ± 0.015 χ^2/NDF : 2113856.5/38

All: 100.889 ± 0.011 χ^2/NDF : 3422589.9/74

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -858.947 $\pm$ 174.934 χ^2 /NDF:40.0/20

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

Left In: 215.598 $\pm$ 179.895 χ^2 /NDF:21.2/18

Left: -336.695 $\pm$ 125.414 χ^2 /NDF: 79.5/39

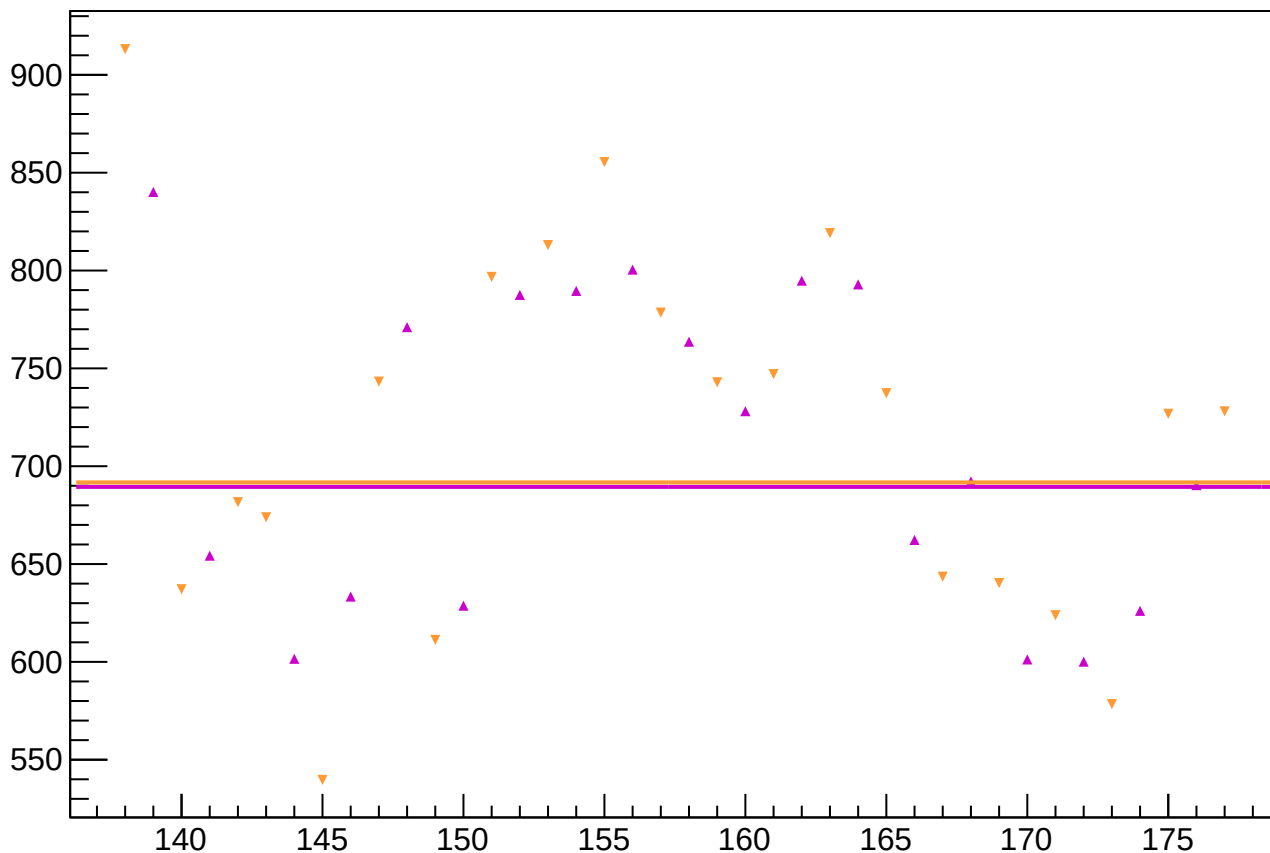
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 215.598 $\pm$ 179.895 χ^2 /NDF:21.2/18

Out: -858.947 $\pm$ 174.934 χ^2 /NDF:40.0/20

All: -336.695 $\pm$ 125.414 χ^2 /NDF: 79.5/39

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 691.723+/-0.124 χ^2/NDF :557623.7/20

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

Left In: 689.432+/-0.127 χ^2/NDF :375234.6/18

Left: 690.610+/-0.089 χ^2/NDF : 933025.0/39

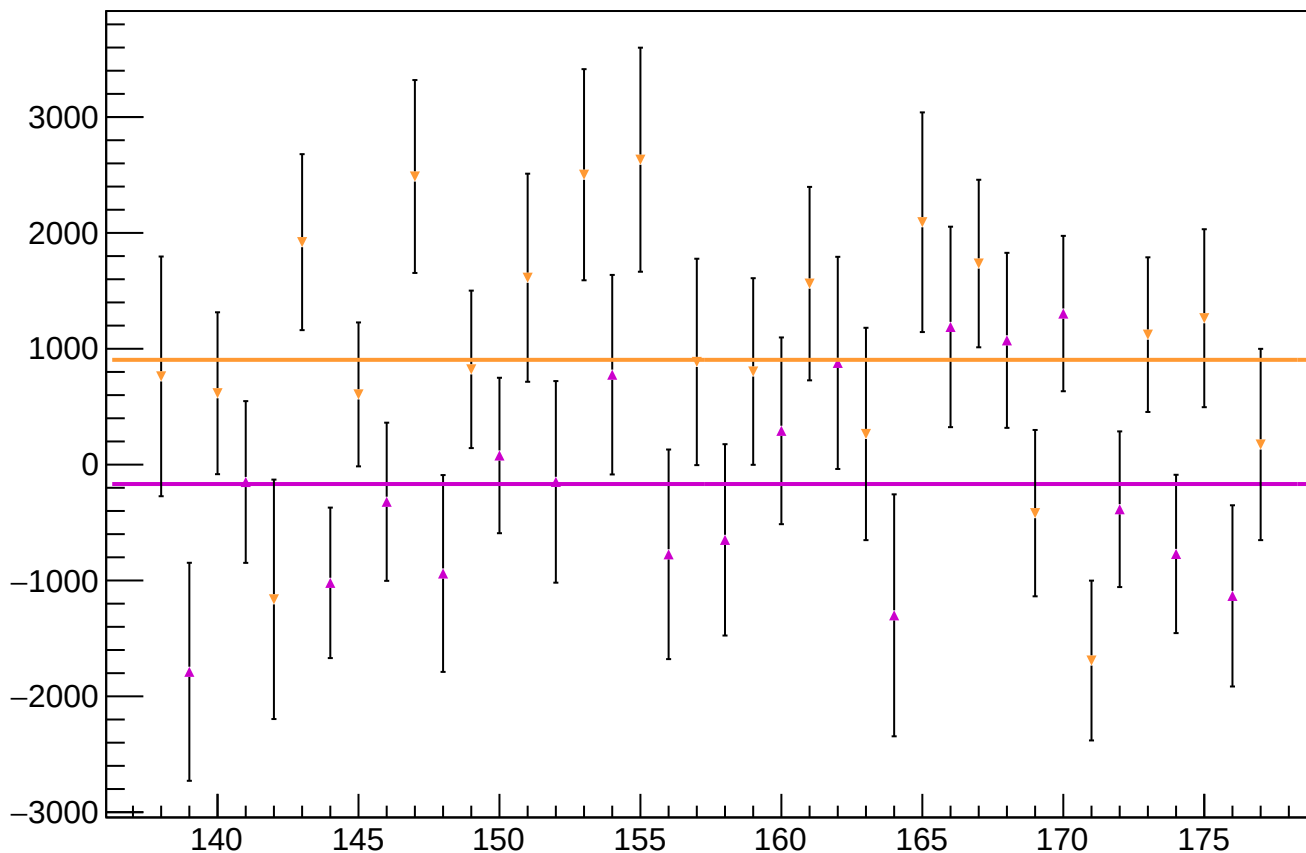
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.432+/-0.127 χ^2/NDF :375234.6/18

Out: 691.723+/-0.124 χ^2/NDF :557623.7/20

All: 690.610+/-0.089 χ^2/NDF : 933025.0/39

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 904.498+/-173.370 χ^2/NDF :39.4/20

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

Left In: -167.431+/-177.838 χ^2/NDF :22.9/18

Left: 382.167+/-124.141 χ^2/NDF : 80.9/39

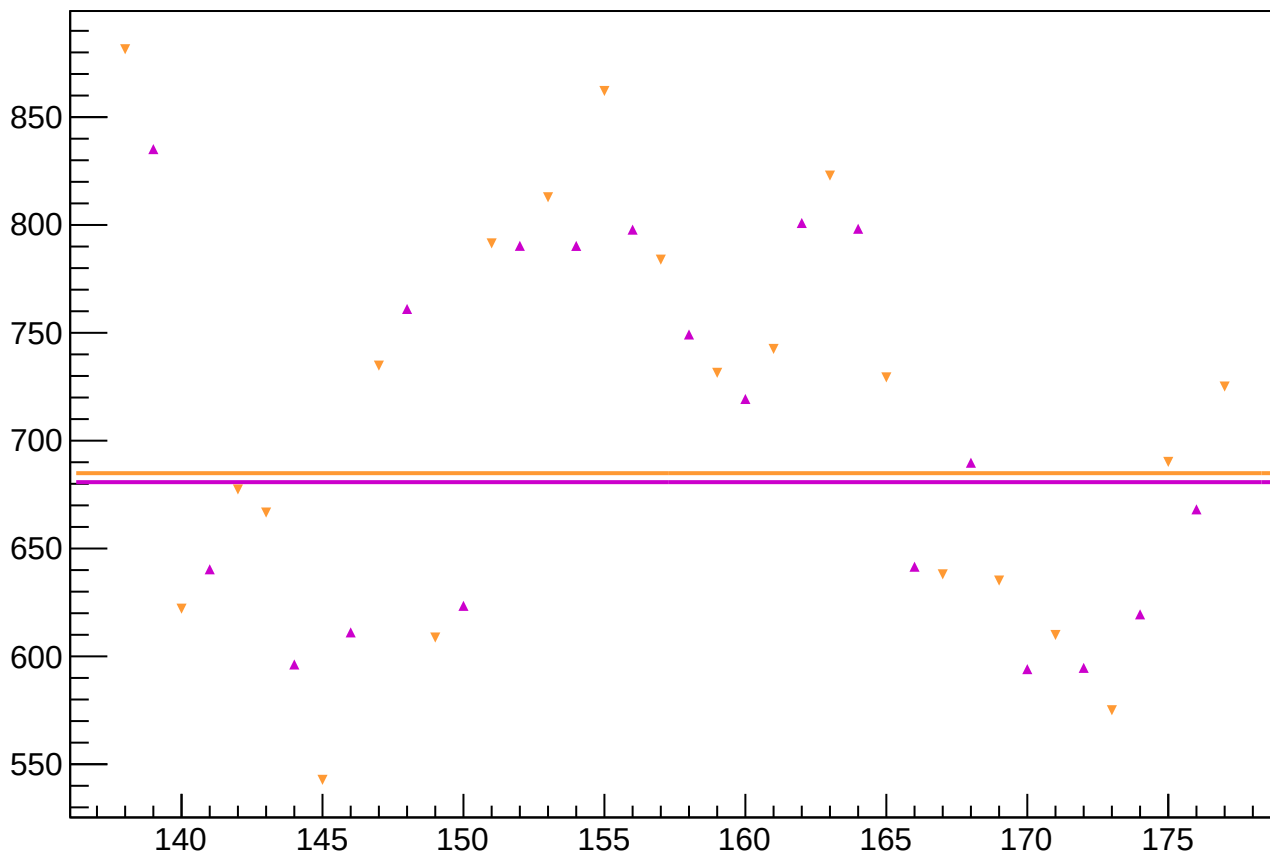
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -167.431+/-177.838 χ^2/NDF :22.9/18

Out: 904.498+/-173.370 χ^2/NDF :39.4/20

All: 382.167+/-124.141 χ^2/NDF : 80.9/39

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 684.933+/-0.123 χ^2/NDF :552773.5/20

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

Left In: 680.767+/-0.126 χ^2/NDF :410653.5/18

Left: 682.903+/-0.088 χ^2/NDF : 963989.5/39

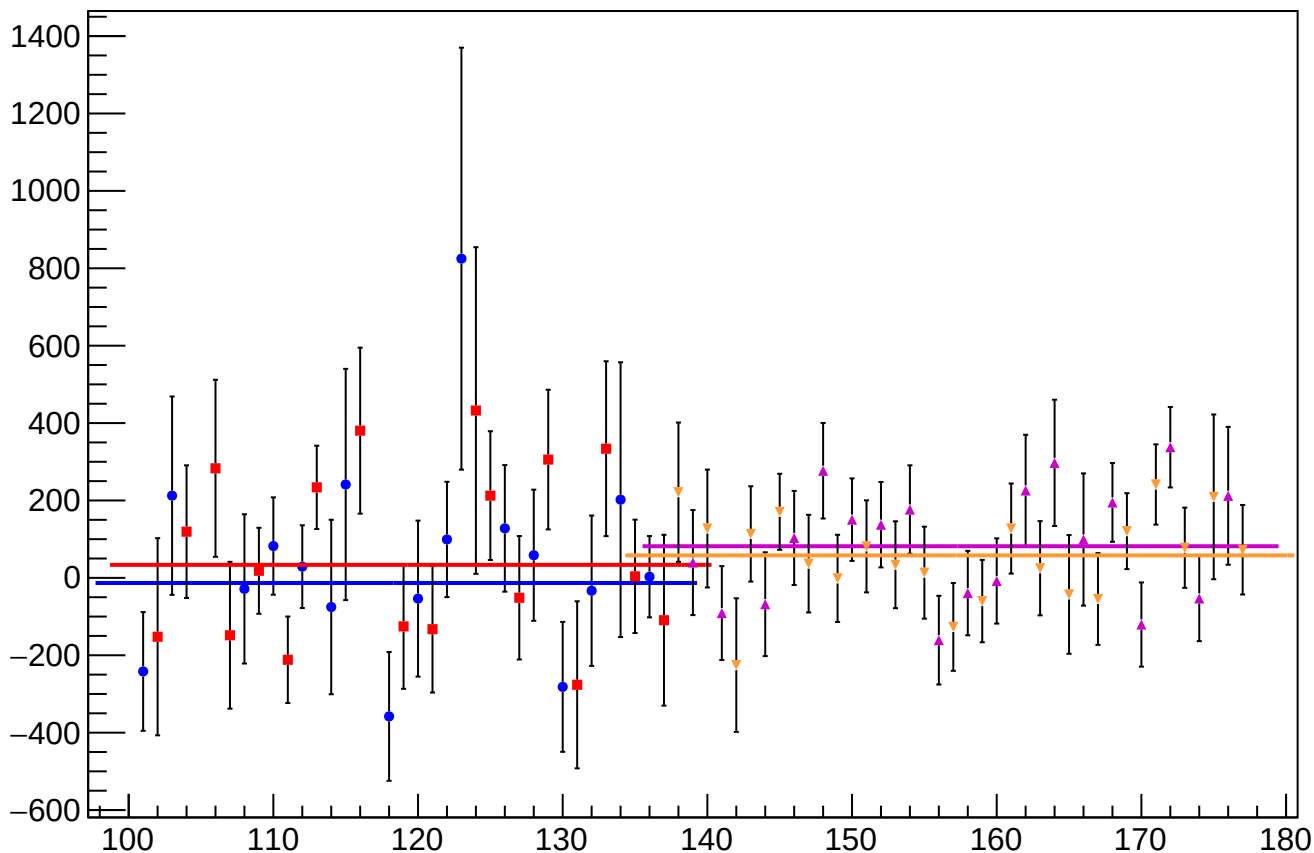
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.767+/-0.126 χ^2/NDF :410653.5/18

Out: 684.933+/-0.123 χ^2/NDF :552773.5/20

All: 682.903+/-0.088 χ^2/NDF : 963989.5/39

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 58.119 ± 26.290 χ^2/NDF : 15.5/20

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 81.731 ± 27.651 χ^2/NDF : 29.2/18

Left: 69.330 ± 19.053 χ^2/NDF : 45.1/39

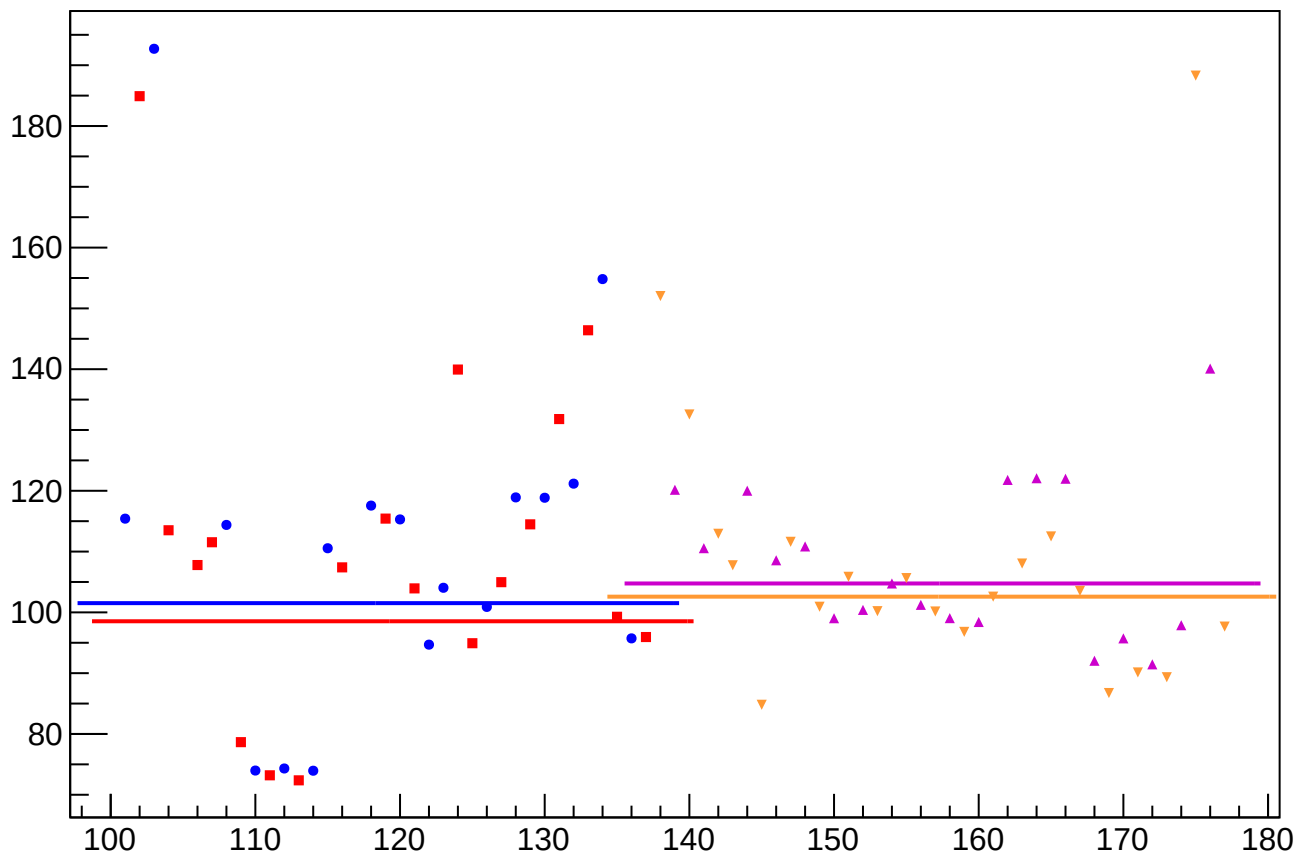
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 51.599 ± 22.846 χ^2/NDF : 48.6/35

Out: 50.440 ± 21.780 χ^2/NDF : 40.5/38

All: 50.992 ± 15.764 χ^2/NDF : 89.1/74

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: 102.584 $\pm$ 0.019 χ^2 /NDF: 780000.0/20

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 104.754 $\pm$ 0.020 χ^2 /NDF: 321063.4/18

Left: 103.614 $\pm$ 0.013 χ^2 /NDF: 1107531.9/39

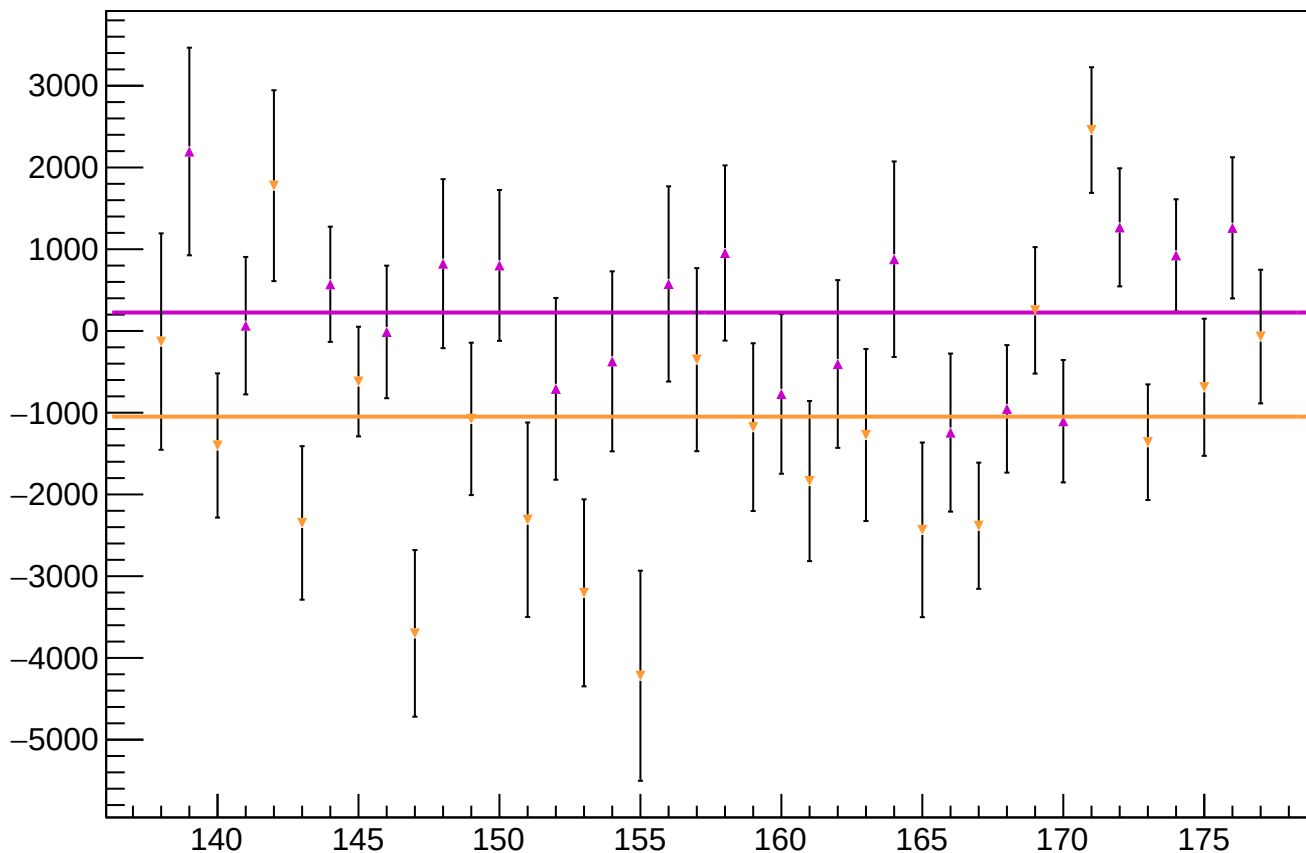
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 103.727 $\pm$ 0.016 χ^2 /NDF: 1011464.0/35

Out: 101.315 $\pm$ 0.015 χ^2 /NDF: 1541847.7/38

All: 102.463 $\pm$ 0.011 χ^2 /NDF: 2564997.1/74

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

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

Left In: 225.592+/-206.473 χ^2/NDF :19.1/18

Left: -427.242+/-144.162 χ^2/NDF : 96.1/39

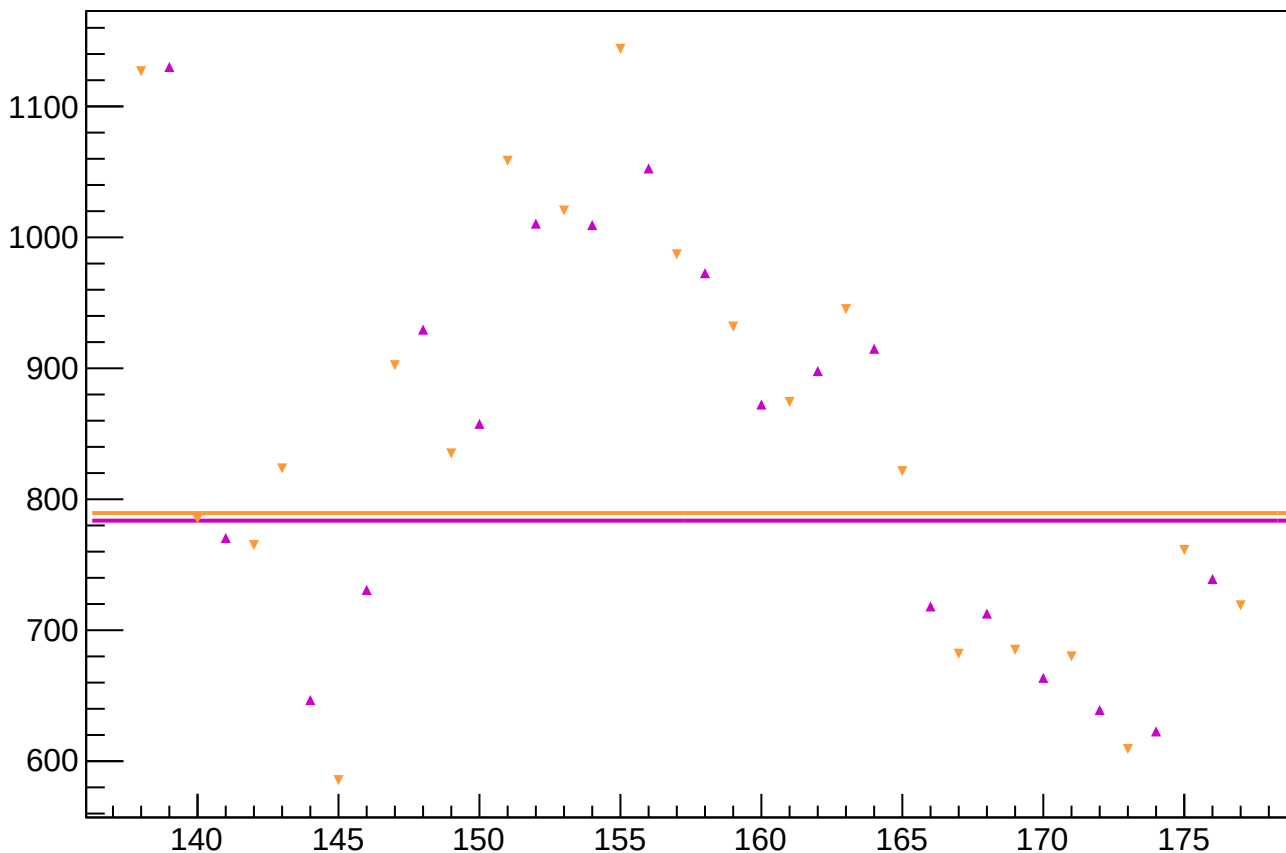
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 225.592+/-206.473 χ^2/NDF :19.1/18

Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

All: -427.242+/-144.162 χ^2/NDF : 96.1/39

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

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

Left In: 783.678+/-0.146 χ^2/NDF :954728.1/18

Left: 786.649+/-0.102 χ^2/NDF : 2063300.8/39

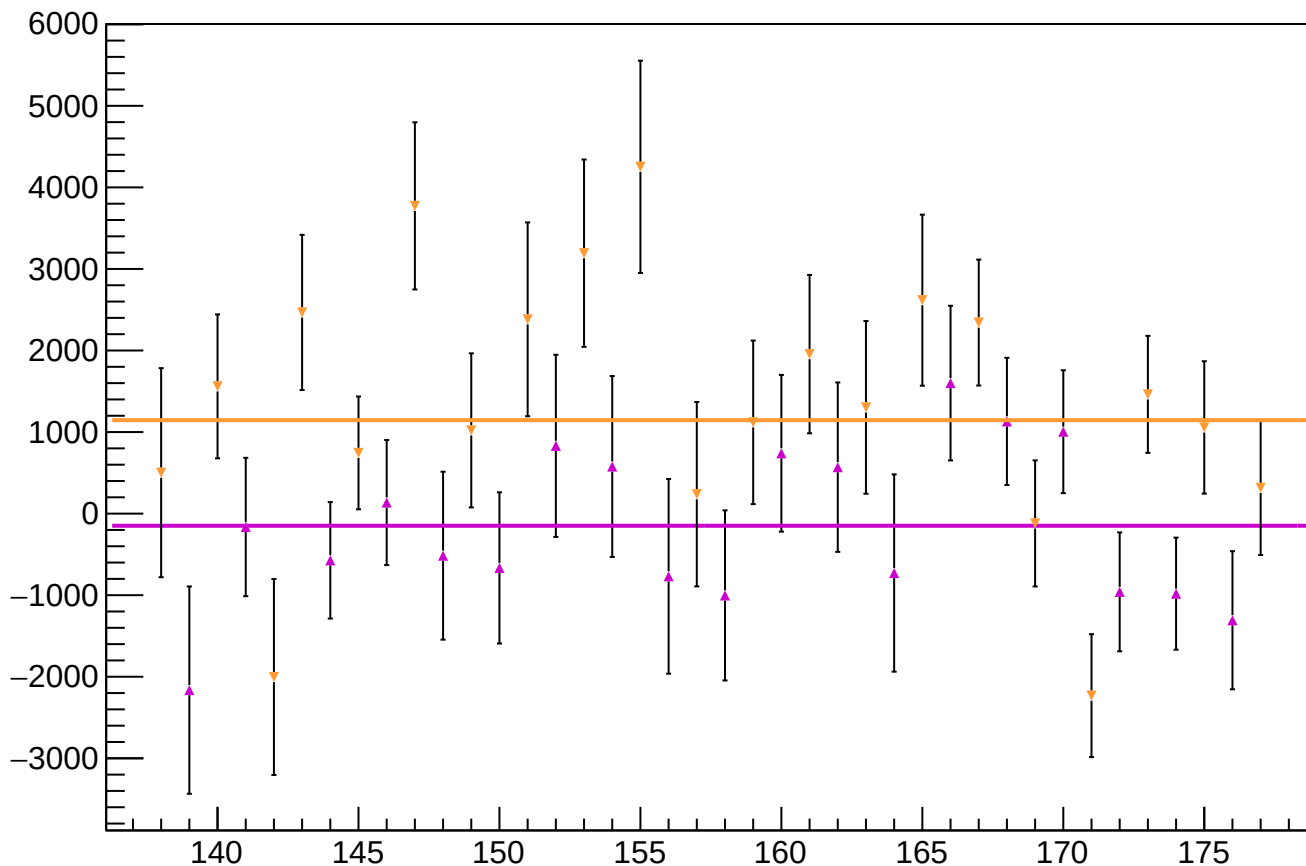
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.678+/-0.146 χ^2/NDF :954728.1/18

Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

All: 786.649+/-0.102 χ^2/NDF : 2063300.8/39

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

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

Left In: -148.640+/-205.740 χ^2/NDF :20.2/18

Left: 511.583+/-144.000 χ^2/NDF : 96.2/39

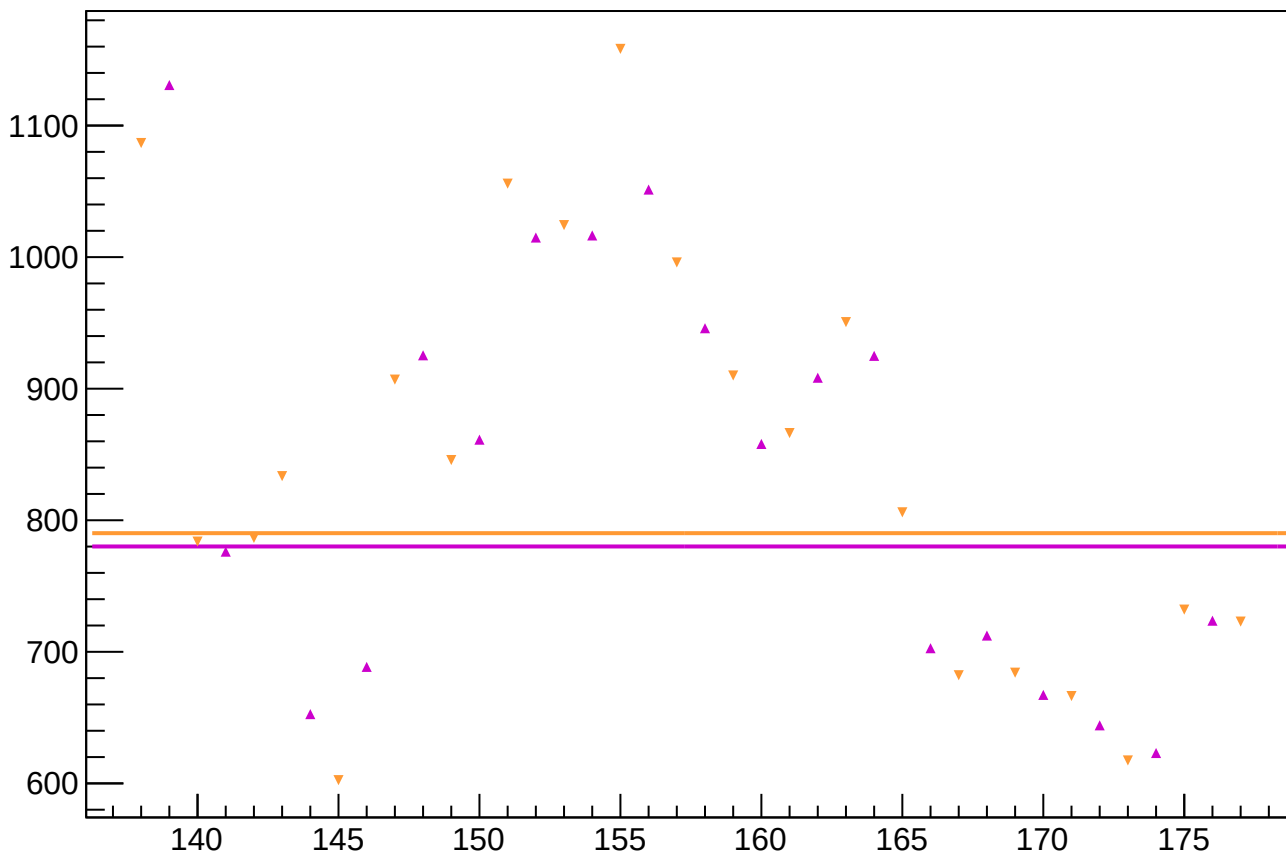
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -148.640+/-205.740 χ^2/NDF :20.2/18

Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

All: 511.583+/-144.000 χ^2/NDF : 96.2/39

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

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

Left In: 780.079+/-0.145 χ^2/NDF :961329.8/18

Left: 785.236+/-0.102 χ^2/NDF : 2022403.6/39

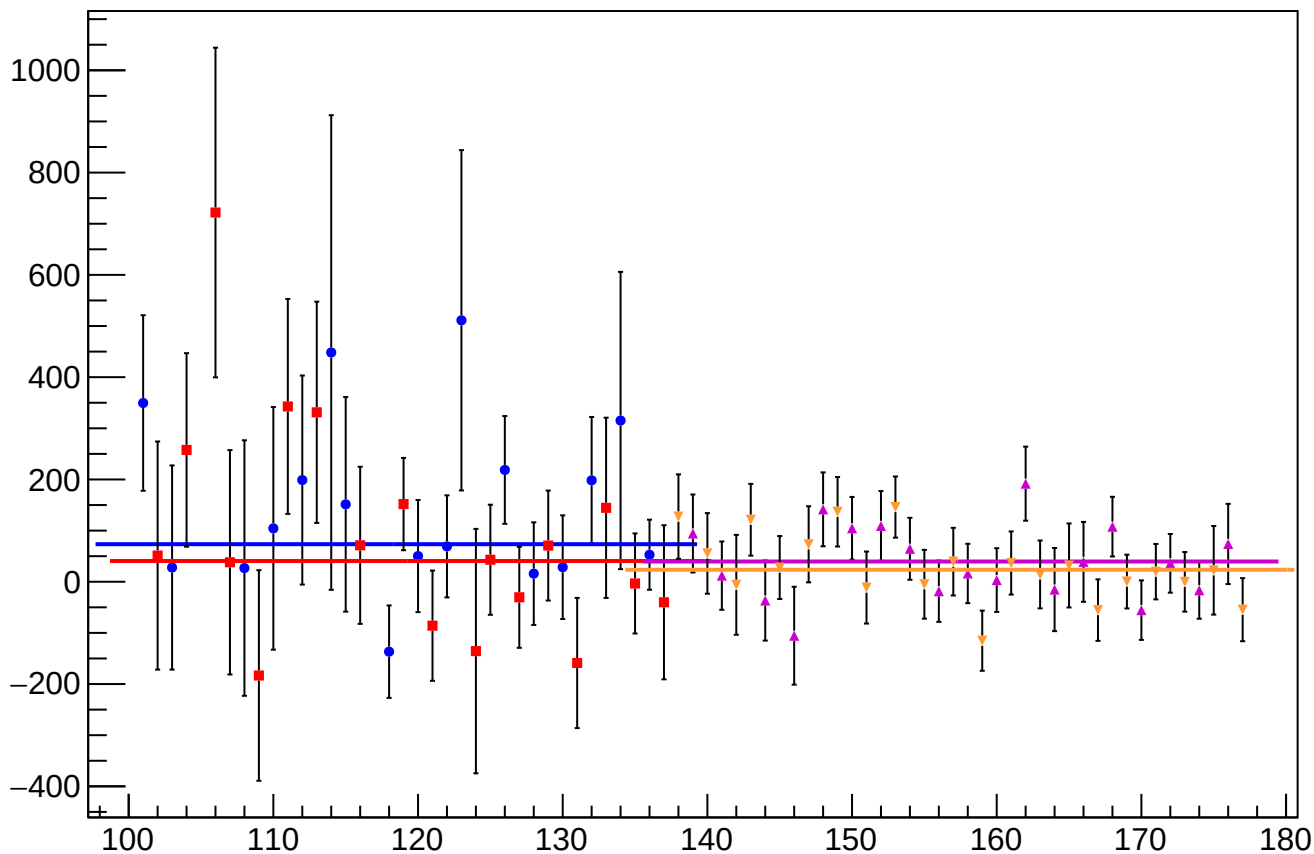
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 780.079+/-0.145 χ^2/NDF :961329.8/18

Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

All: 785.236+/-0.102 χ^2/NDF : 2022403.6/39

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: 23.463 $\pm$ 14.426 χ^2 /NDF:21.0/20

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 39.587 $\pm$ 15.191 χ^2 /NDF:19.8/18

Left: 31.109 $\pm$ 10.461 χ^2 /NDF: 41.5/39

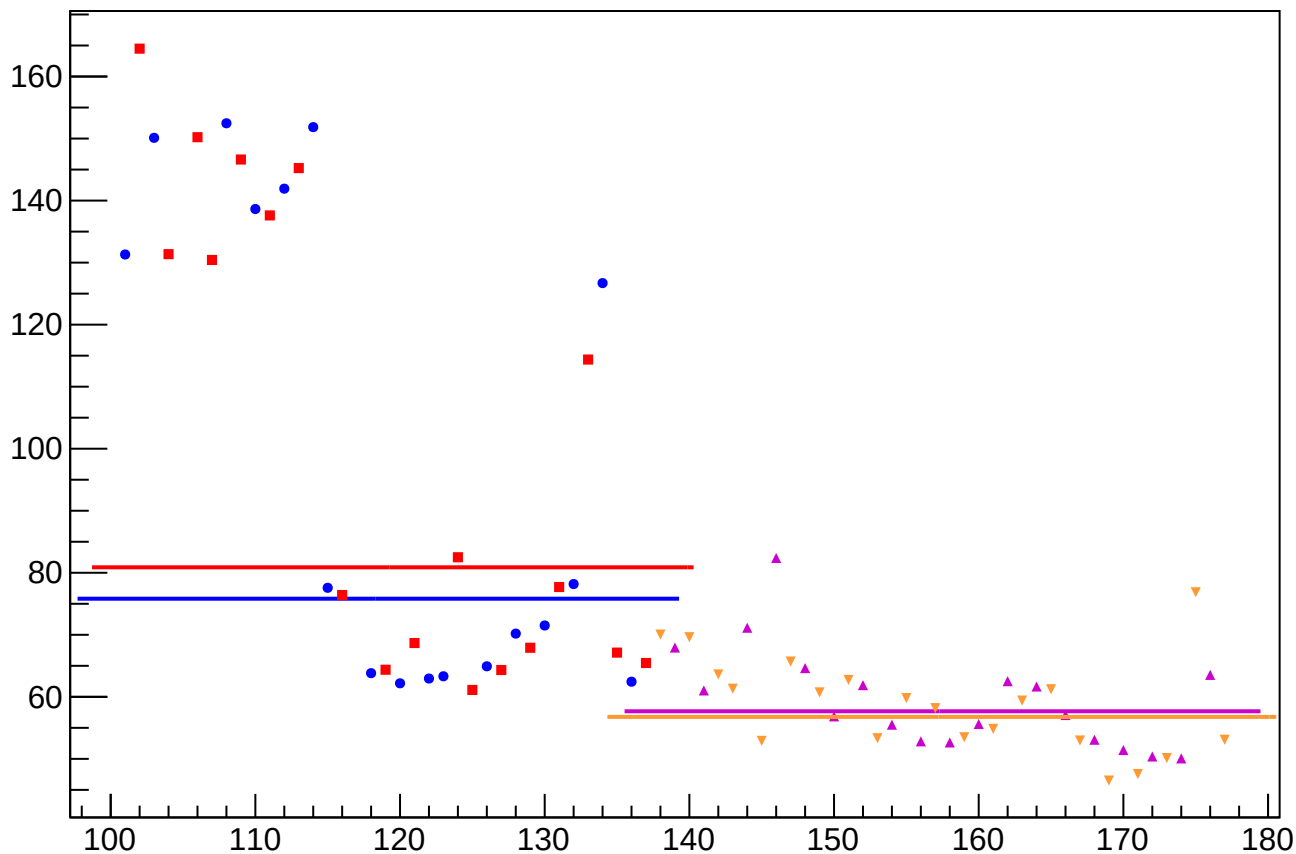
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 46.123 $\pm$ 13.646 χ^2 /NDF:36.1/35

Out: 26.247 $\pm$ 13.201 χ^2 /NDF:39.5/38

All: 35.856 $\pm$ 9.488 χ^2 /NDF: 76.6/74

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: 56.763 $\pm$ 0.010 χ^2 /NDF: 492483.6/20

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 57.672 $\pm$ 0.011 χ^2 /NDF: 423510.9/18

Left: 57.194 $\pm$ 0.007 χ^2 /NDF: 919755.9/39

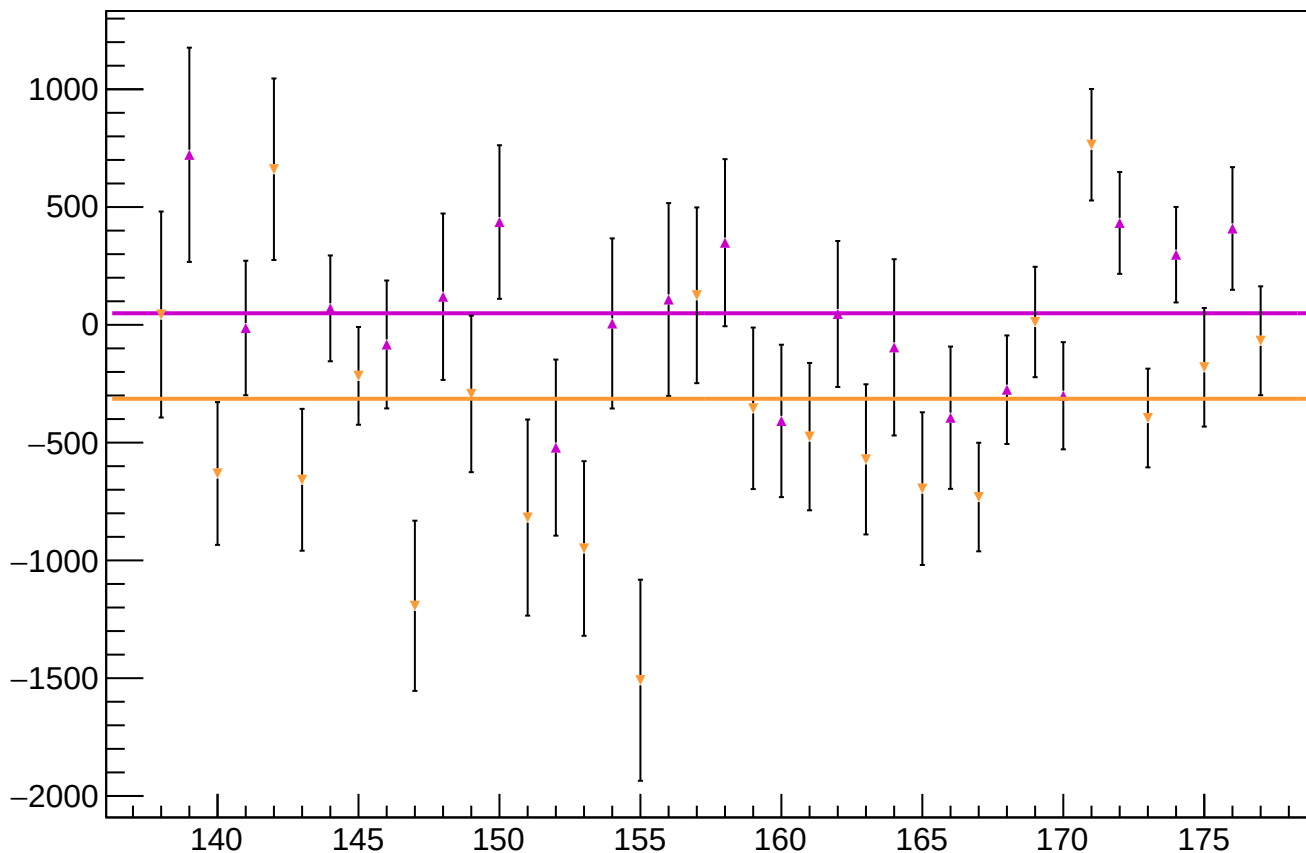
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 61.175 $\pm$ 0.010 χ^2 /NDF: 2324432.9/35

Out: 60.684 $\pm$ 0.009 χ^2 /NDF: 2927157.5/38

All: 60.921 $\pm$ 0.007 χ^2 /NDF: 5252930.0/74

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -313.862+/-63.270 χ^2/NDF :59.1/20

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

Left In: 49.158+/-65.456 χ^2/NDF :22.2/18

Left: -138.513+/-45.492 χ^2/NDF : 97.2/39

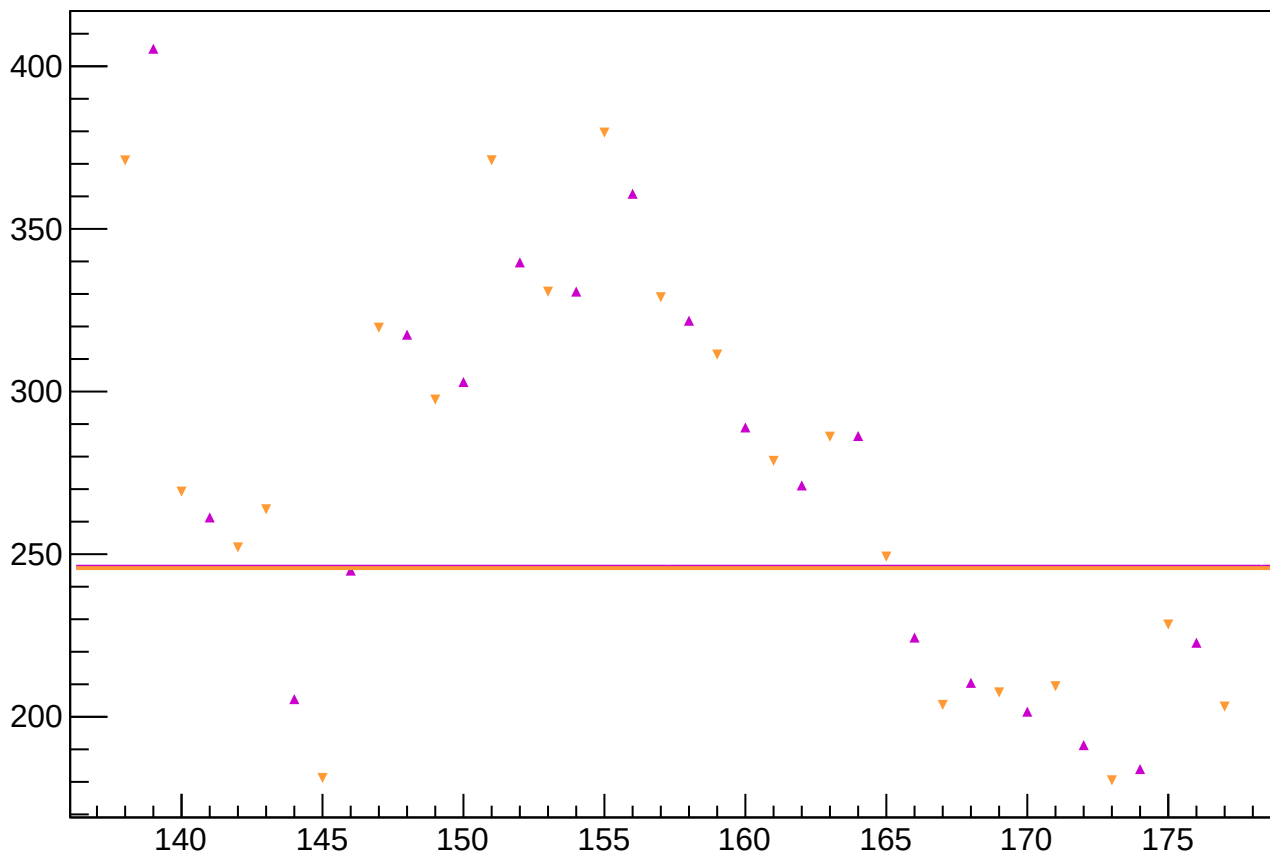
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.158+/-65.456 χ^2/NDF :22.2/18

Out: -313.862+/-63.270 χ^2/NDF :59.1/20

All: -138.513+/-45.492 χ^2/NDF : 97.2/39

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

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

Left In: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Left: 245.923+/-0.032 χ^2/NDF : 3140011.5/39

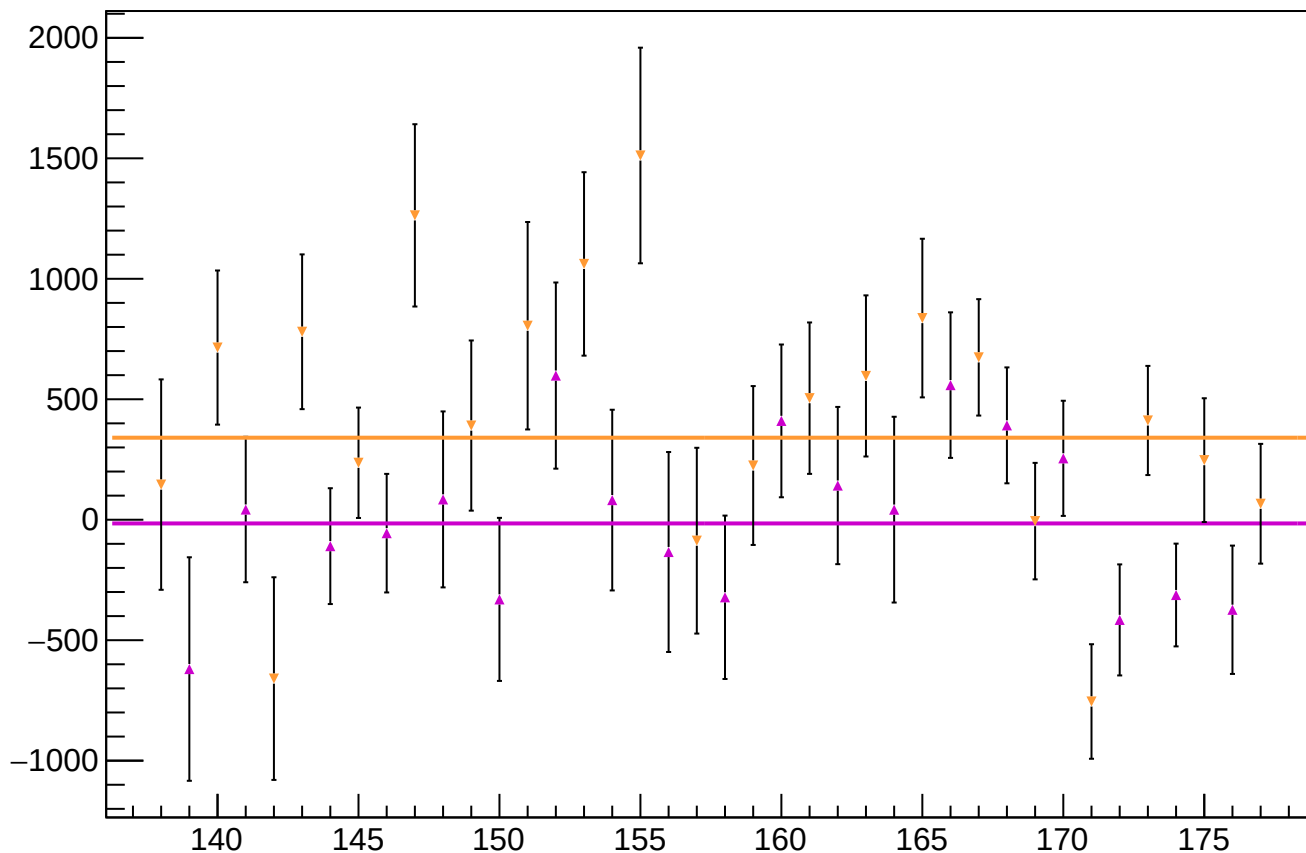
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.139+/-0.046 χ^2/NDF :1481305.6/18

Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

All: 245.923+/-0.032 χ^2/NDF : 3140011.5/39

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 340.470 $\pm$ 66.125 χ^2 /NDF:58.0/20

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

Left In: -15.372 $\pm$ 67.307 χ^2 /NDF:22.9/18

Left: 165.703 $\pm$ 47.170 χ^2 /NDF: 95.1/39

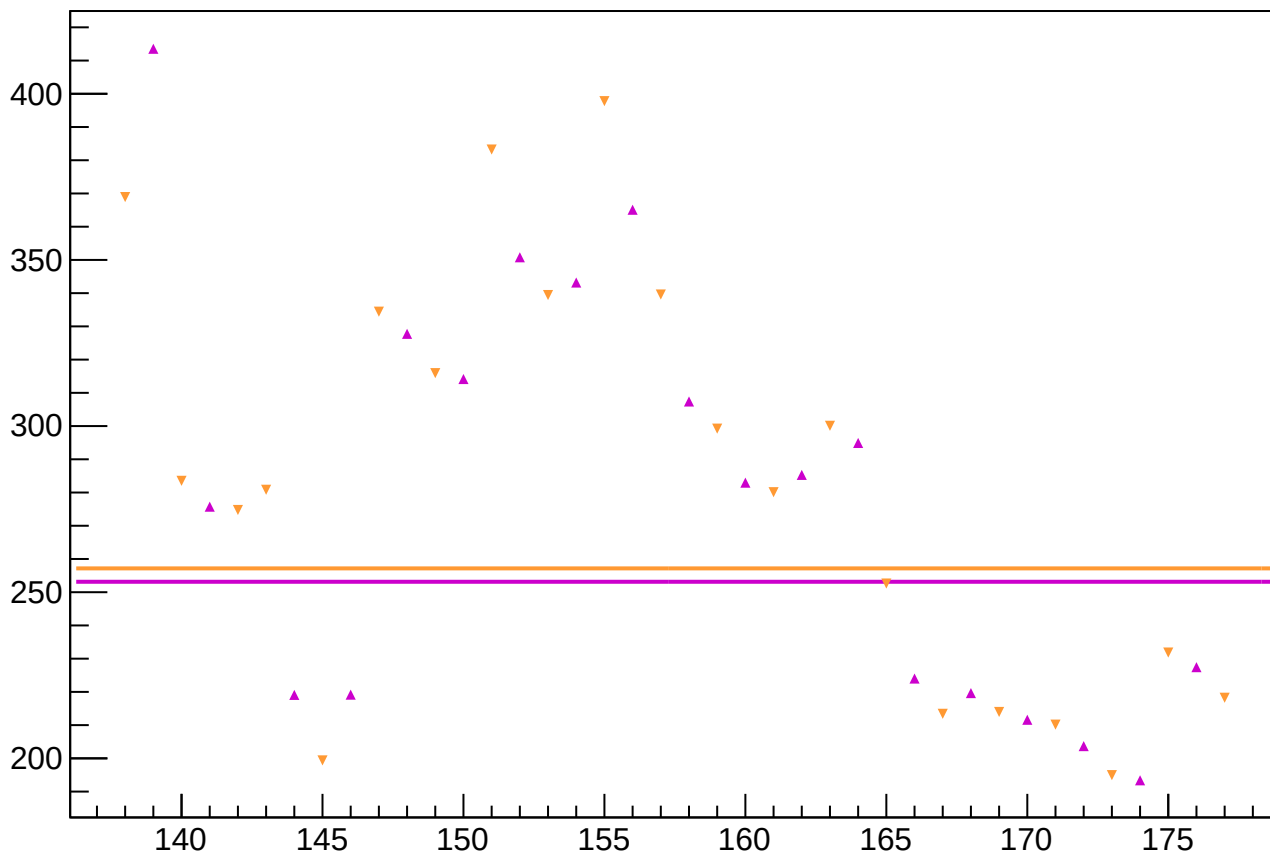
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.372 $\pm$ 67.307 χ^2 /NDF:22.9/18

Out: 340.470 $\pm$ 66.125 χ^2 /NDF:58.0/20

All: 165.703 $\pm$ 47.170 χ^2 /NDF: 95.1/39

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

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

Left In: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Left: 255.191+/-0.033 χ^2/NDF : 2849233.4/39

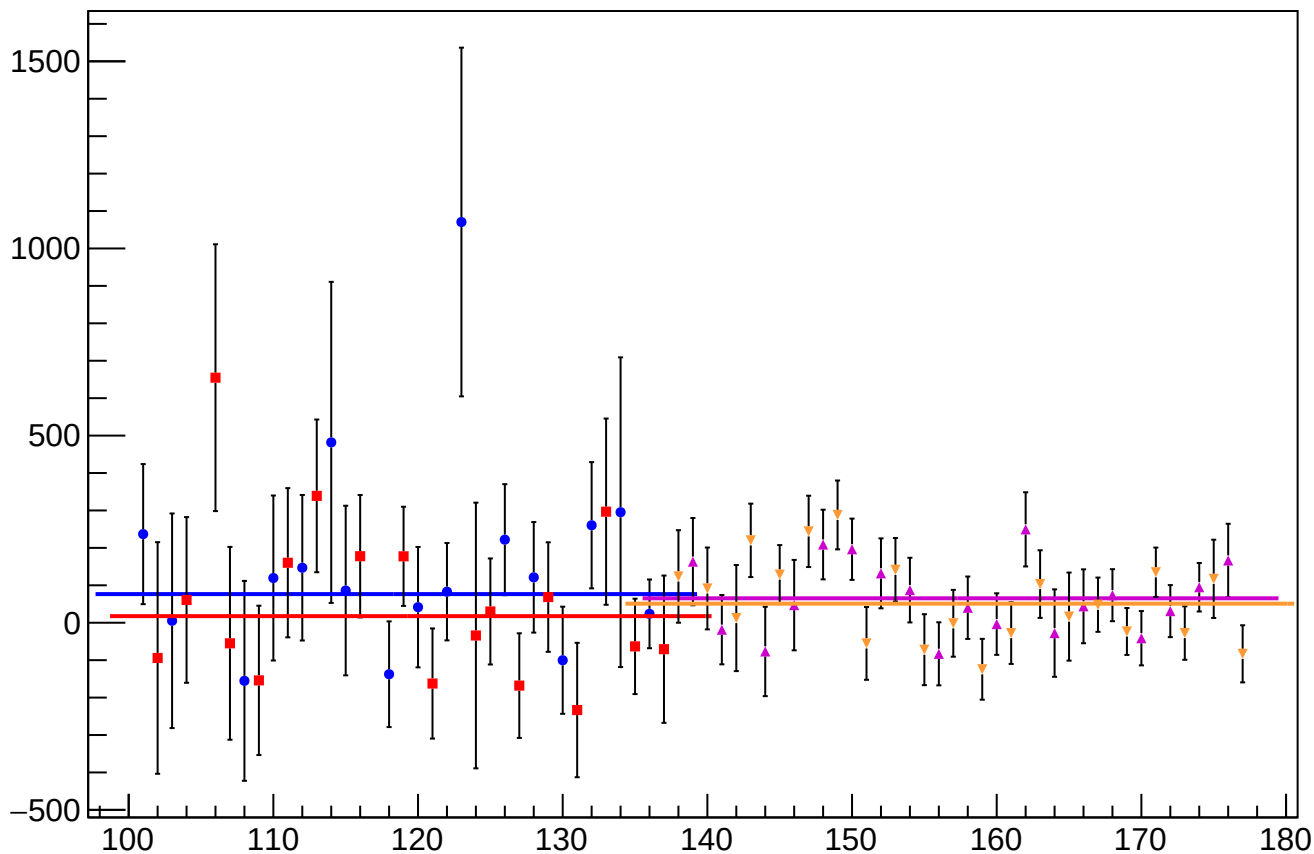
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.142+/-0.048 χ^2/NDF :1363252.1/18

Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

All: 255.191+/-0.033 χ^2/NDF : 2849233.4/39

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: 50.945 $\pm$ 18.893 χ^2 /NDF:33.3/20

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 65.259 $\pm$ 20.006 χ^2 /NDF:20.2/18

Left: 57.693 $\pm$ 13.736 χ^2 /NDF: 53.8/39

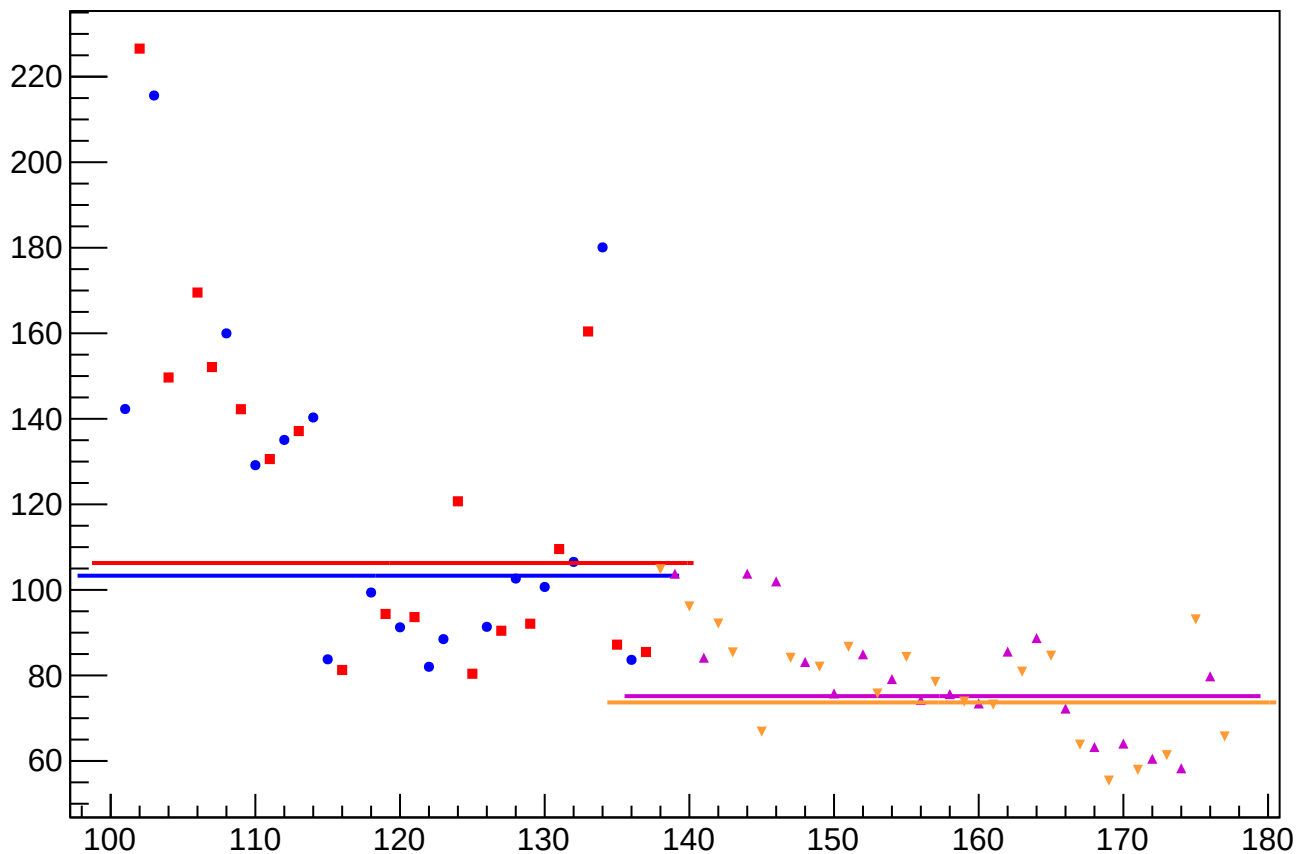
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 67.374 $\pm$ 18.026 χ^2 /NDF:34.2/35

Out: 45.400 $\pm$ 17.250 χ^2 /NDF:50.7/38

All: 55.904 $\pm$ 12.463 χ^2 /NDF: 85.6/74

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: 73.684 $\pm$ 0.013 χ^2 /NDF: 899174.3/20

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 75.160 $\pm$ 0.014 χ^2 /NDF: 779993.3/18

Left: 74.380 $\pm$ 0.010 χ^2 /NDF: 1684923.5/39

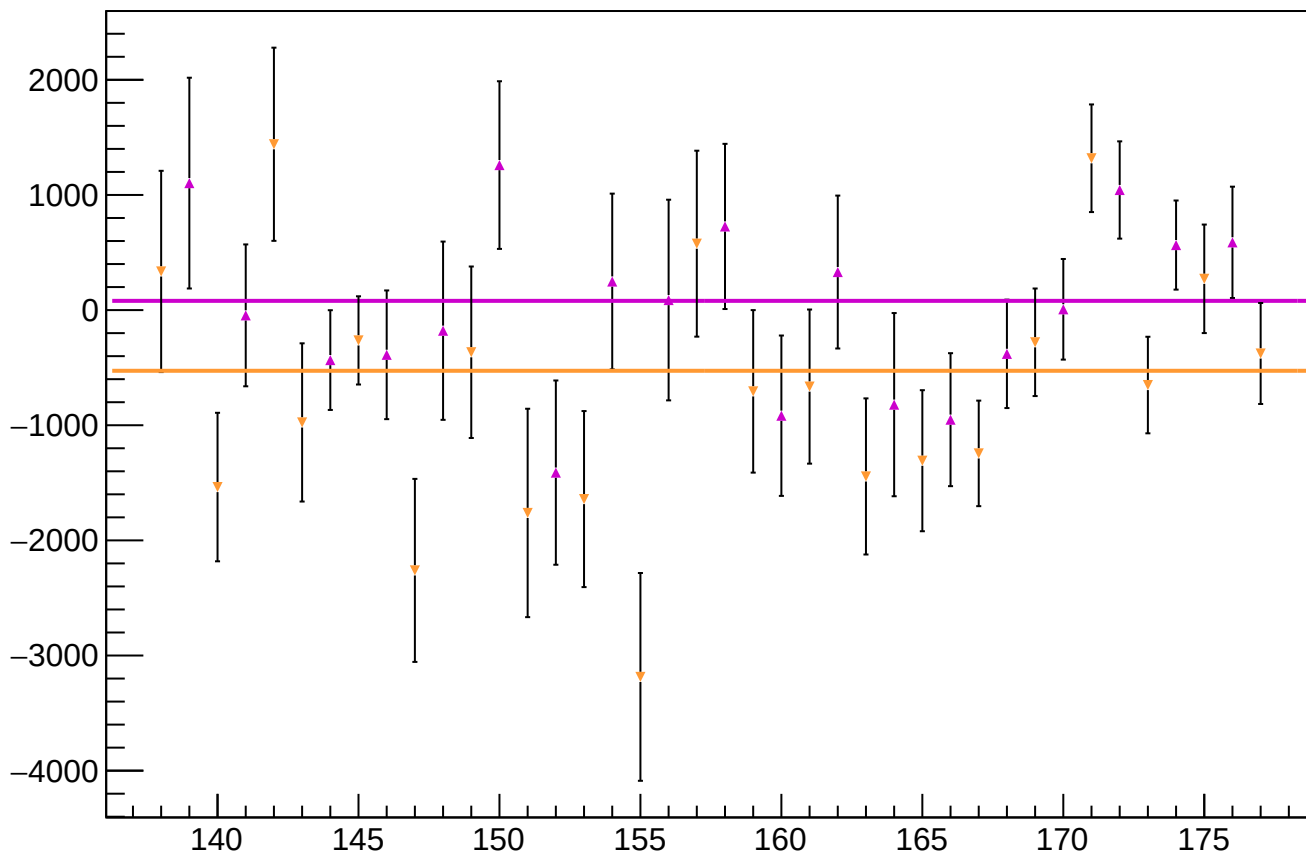
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 80.458 $\pm$ 0.013 χ^2 /NDF: 2363205.1/35

Out: 79.107 $\pm$ 0.012 χ^2 /NDF: 2890620.8/38

All: 79.753 $\pm$ 0.009 χ^2 /NDF: 5259687.4/74

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

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

Left In: 80.284 $\pm$ 131.680 χ^2 /NDF:26.0/18

Left: -233.234 $\pm$ 91.587 χ^2 /NDF: 91.1/39

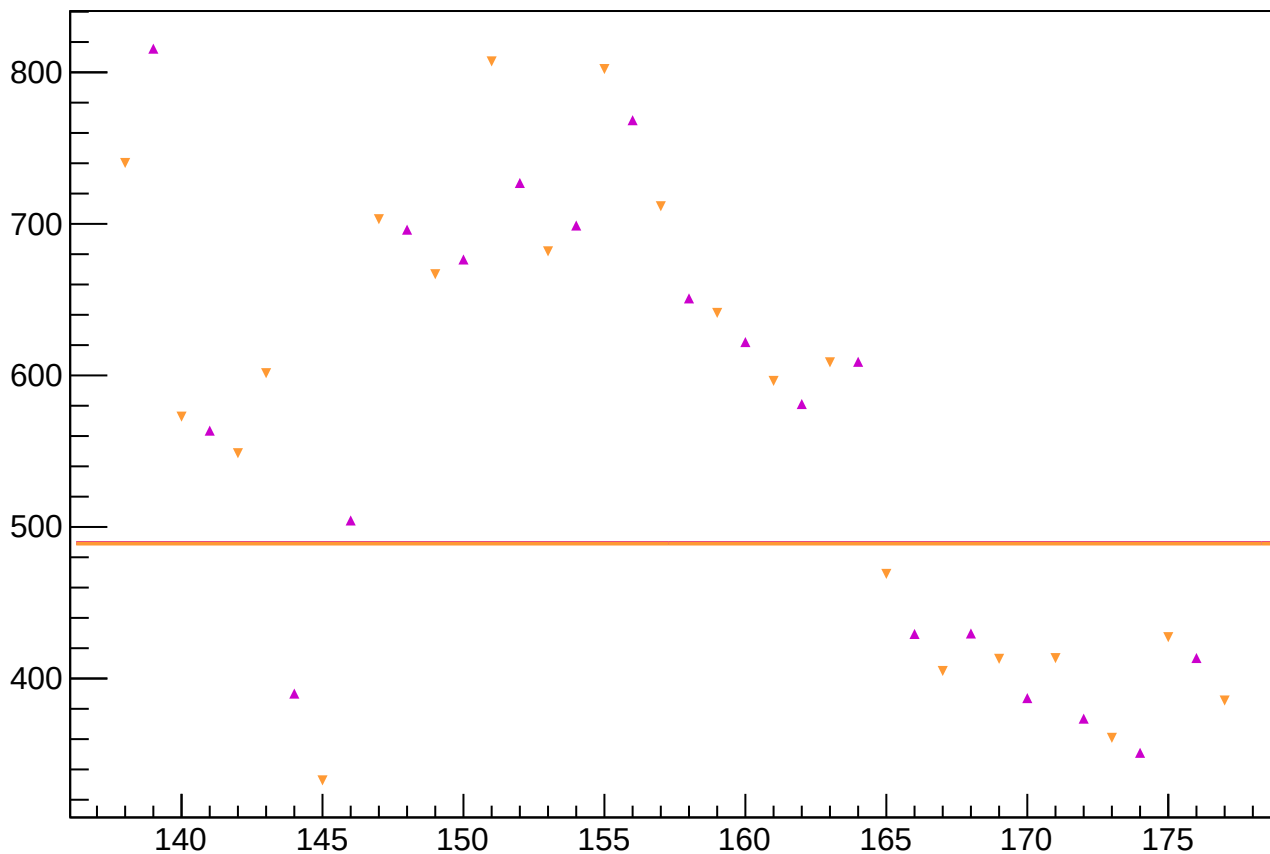
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 80.284 $\pm$ 131.680 χ^2 /NDF:26.0/18

Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

All: -233.234 $\pm$ 91.587 χ^2 /NDF: 91.1/39

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 489.092+/-0.090 χ^2/NDF :2335965.5/20

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

Left In: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Left: 489.246+/-0.065 χ^2/NDF : 4408846.2/39

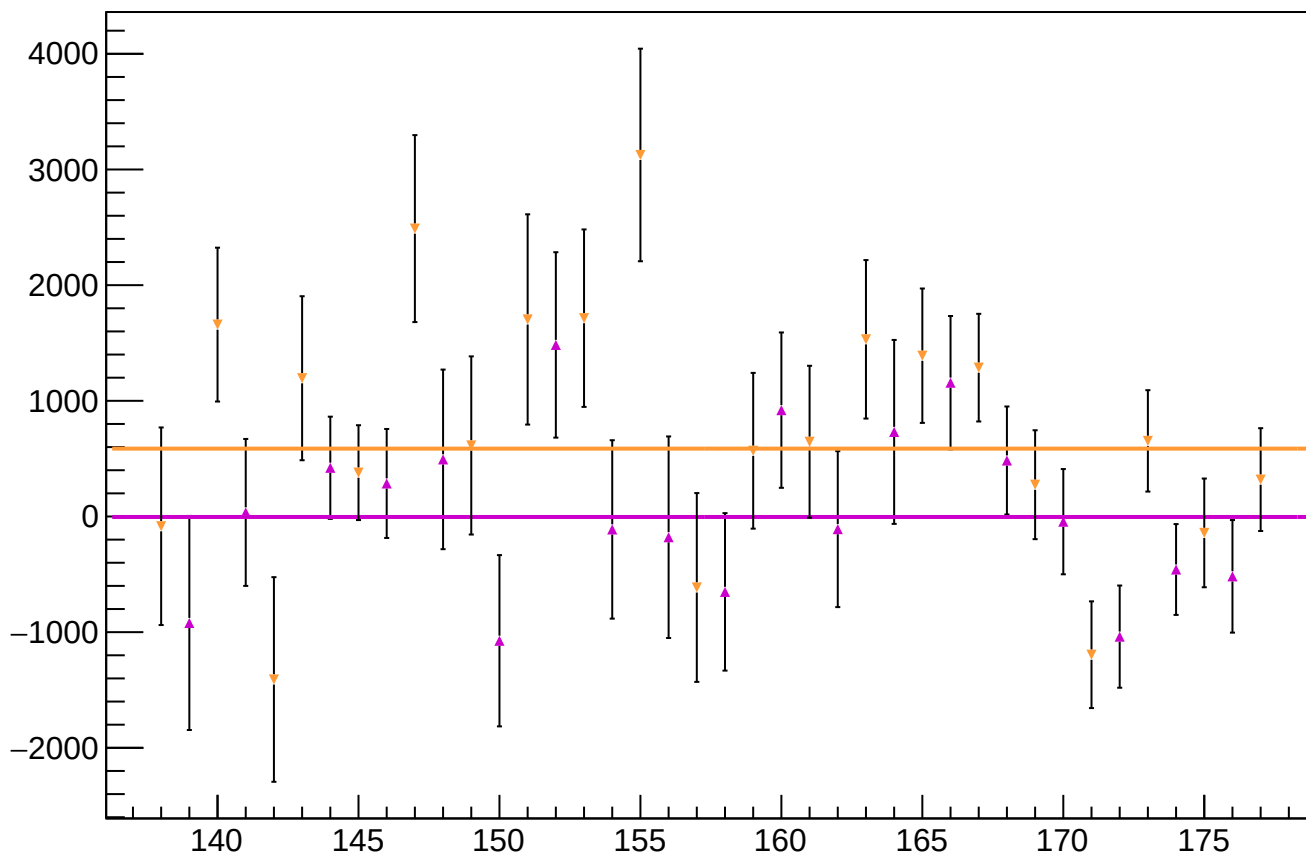
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.409+/-0.093 χ^2/NDF :2072874.7/18

Out: 489.092+/-0.090 χ^2/NDF :2335965.5/20

All: 489.246+/-0.065 χ^2/NDF : 4408846.2/39

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 586.727+/-129.214 χ^2/NDF :52.5/20

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

Left In: -4.182+/-131.603 χ^2/NDF :25.1/18

Left: 296.683+/-92.201 χ^2/NDF : 87.9/39

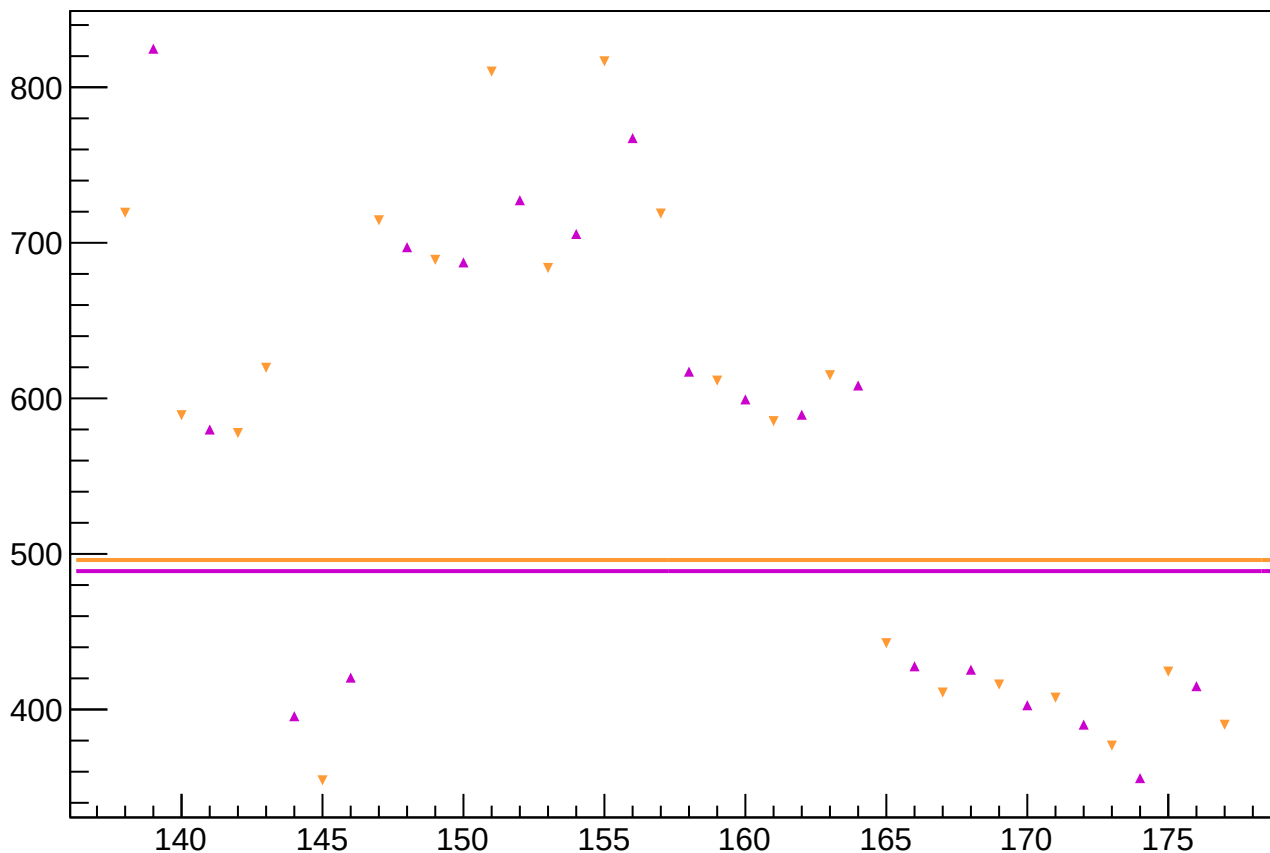
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.182+/-131.603 χ^2/NDF :25.1/18

Out: 586.727+/-129.214 χ^2/NDF :52.5/20

All: 296.683+/-92.201 χ^2/NDF : 87.9/39

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

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

Left In: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Left: 492.590+/-0.065 χ^2/NDF : 4181132.2/39

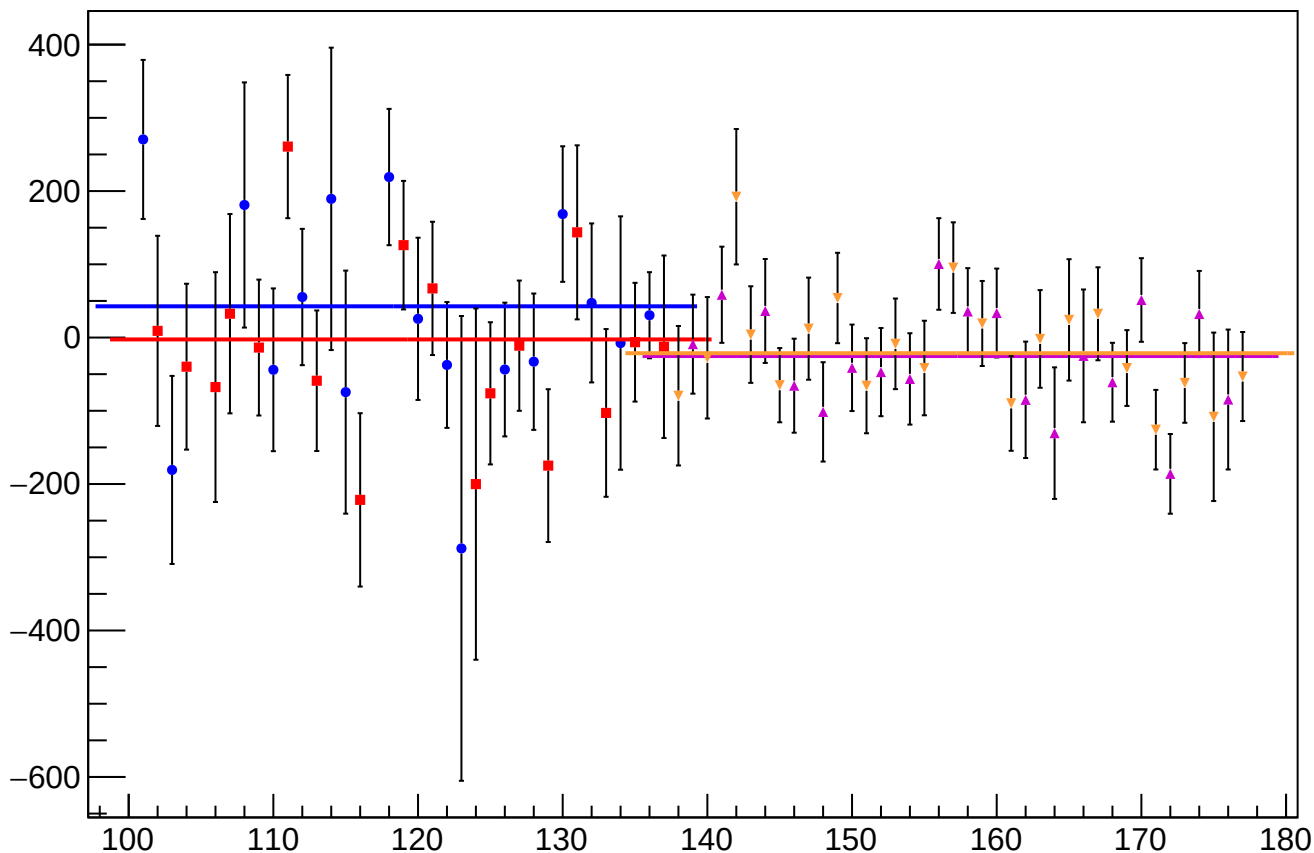
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 488.957+/-0.093 χ^2/NDF :1984231.6/18

Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

All: 492.590+/-0.065 χ^2/NDF : 4181132.2/39

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -21.380 $\pm$ 14.127 χ^2 /NDF:20.5/20

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -25.243 $\pm$ 14.851 χ^2 /NDF:24.9/18

Left: -23.215 $\pm$ 10.236 χ^2 /NDF: 45.4/39

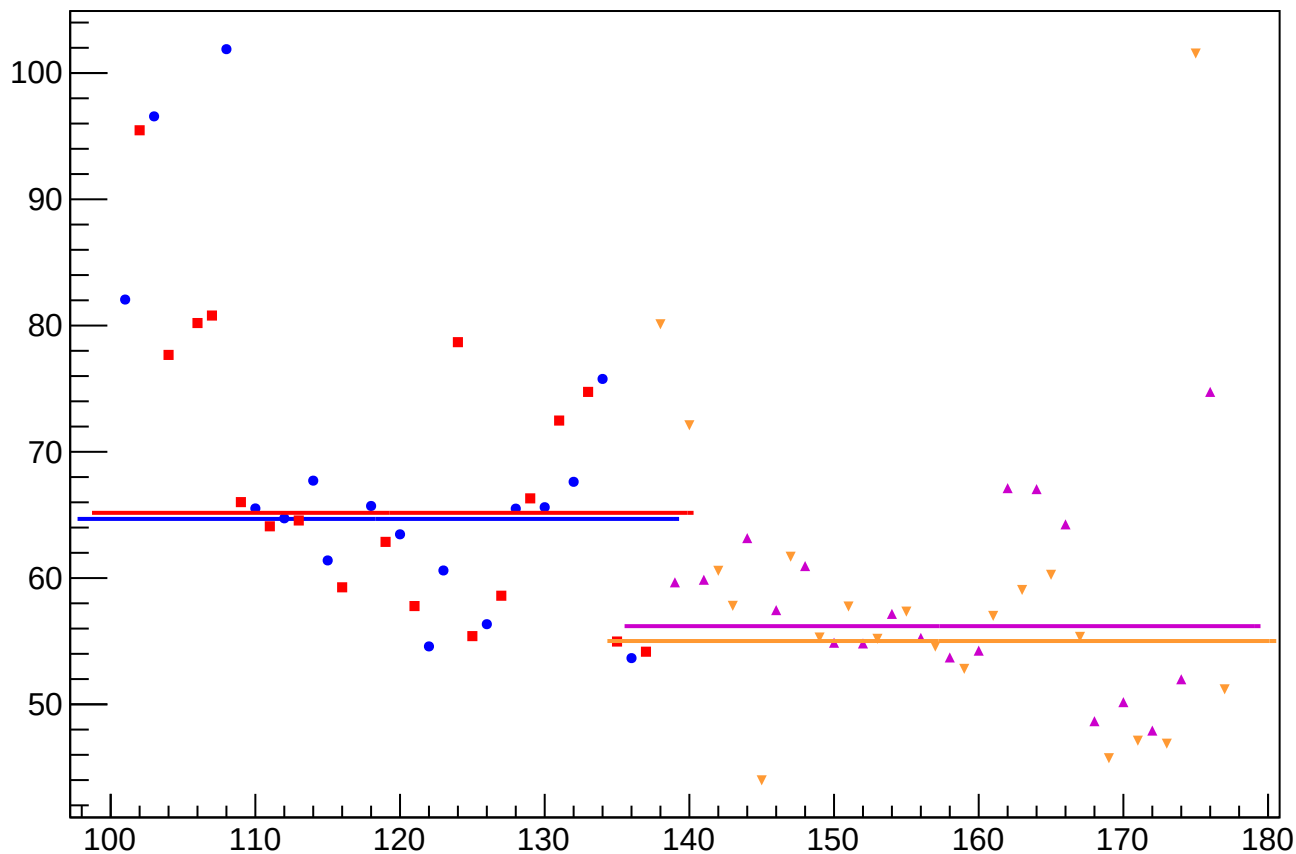
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: -8.032 $\pm$ 12.831 χ^2 /NDF:49.0/35

Out: -16.853 $\pm$ 12.310 χ^2 /NDF:41.3/38

All: -12.625 $\pm$ 8.883 χ^2 /NDF: 90.6/74

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: 55.014 $\pm$ 0.010 χ^2 /NDF:860884.4/20

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 56.193 $\pm$ 0.011 χ^2 /NDF:326062.2/18

Left: 55.574 $\pm$ 0.007 χ^2 /NDF: 1193561.6/39

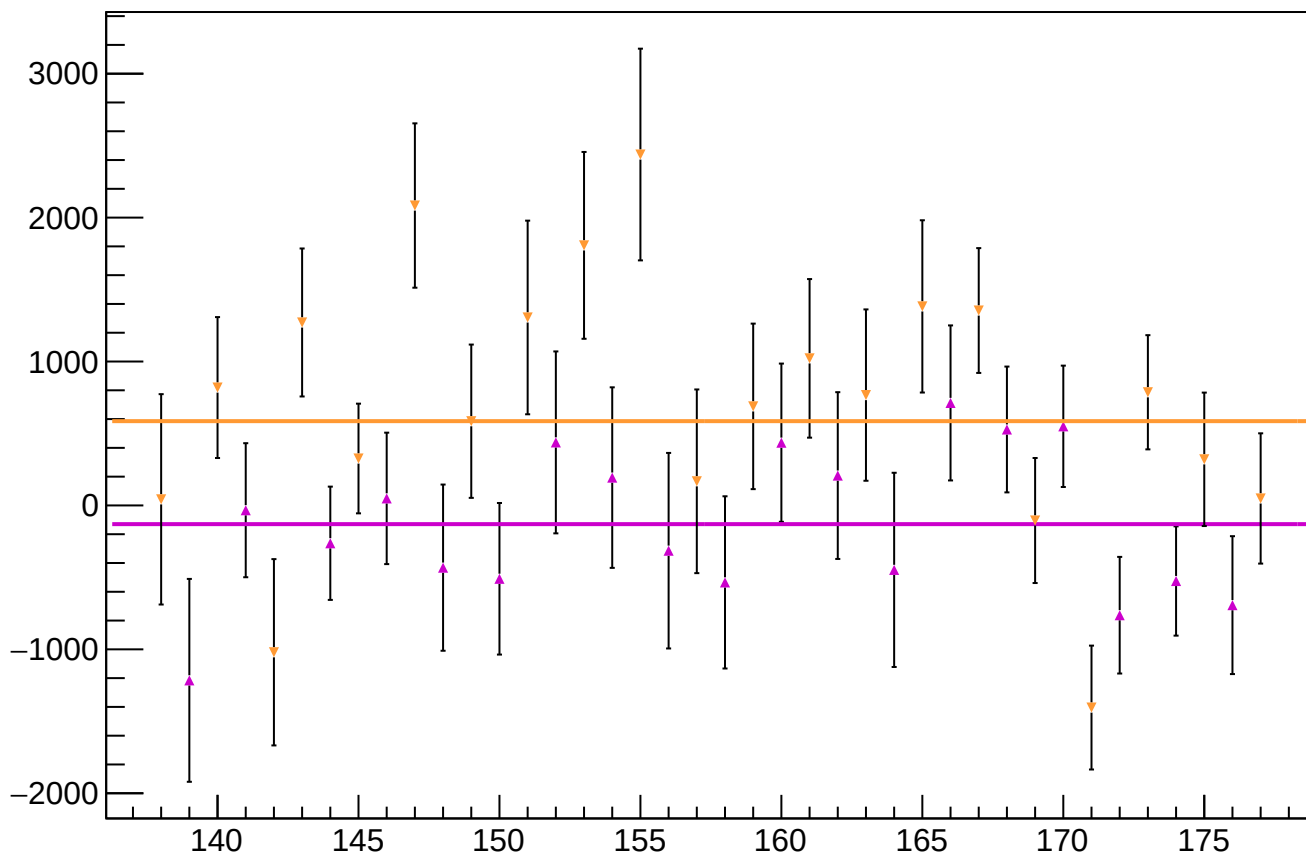
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 58.345 $\pm$ 0.009 χ^2 /NDF:892051.5/35

Out: 57.458 $\pm$ 0.009 χ^2 /NDF:1414188.4/38

All: 57.883 $\pm$ 0.006 χ^2 /NDF: 2311217.8/74

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: 585.674+/-112.932 χ^2/NDF :59.1/20

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

Left In: -129.985+/-115.735 χ^2/NDF :18.9/18

Left: 236.616+/-80.828 χ^2/NDF : 97.6/39

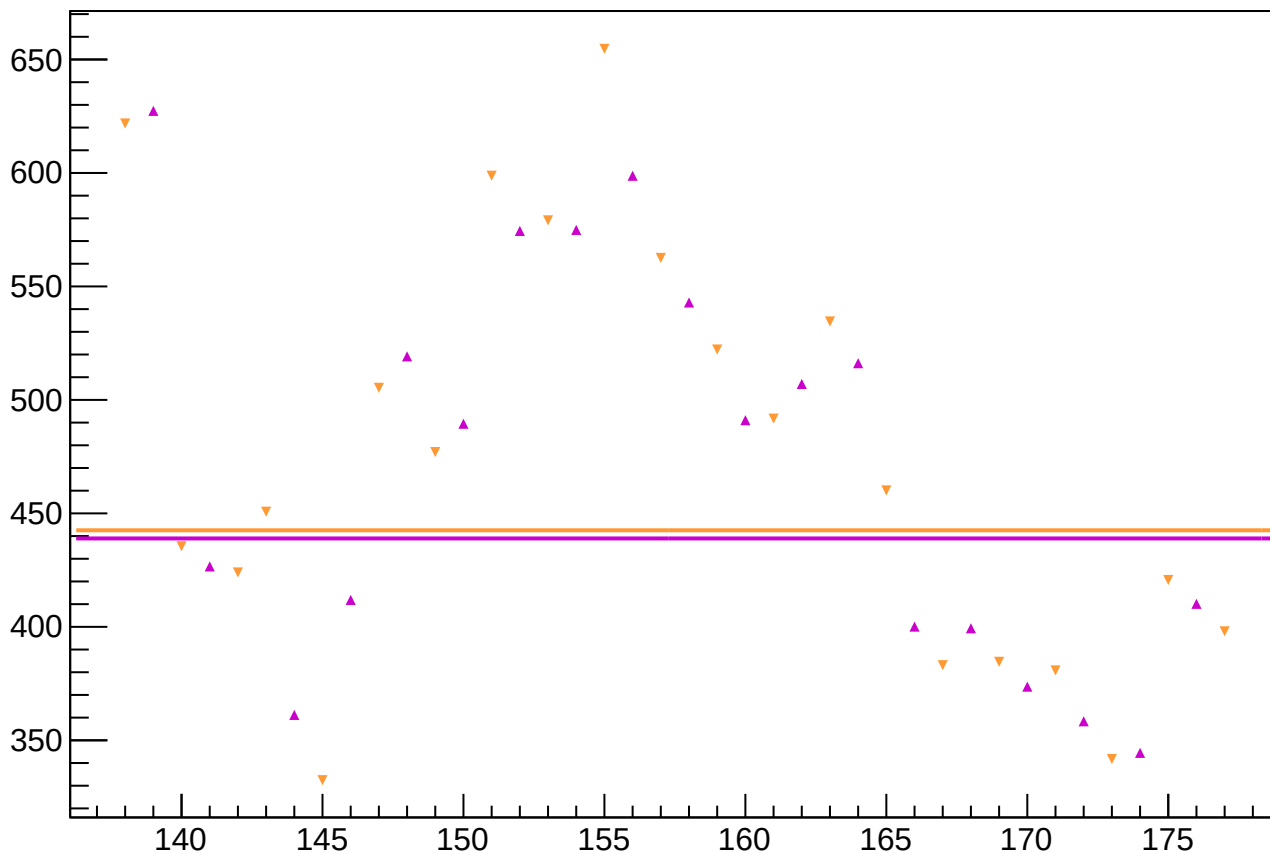
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -129.985+/-115.735 χ^2/NDF :18.9/18

Out: 585.674+/-112.932 χ^2/NDF :59.1/20

All: 236.616+/-80.828 χ^2/NDF : 97.6/39

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: 442.554+/-0.080 χ^2/NDF :1126891.9/20

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

Left In: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Left: 440.797+/-0.057 χ^2/NDF : 2127938.9/39

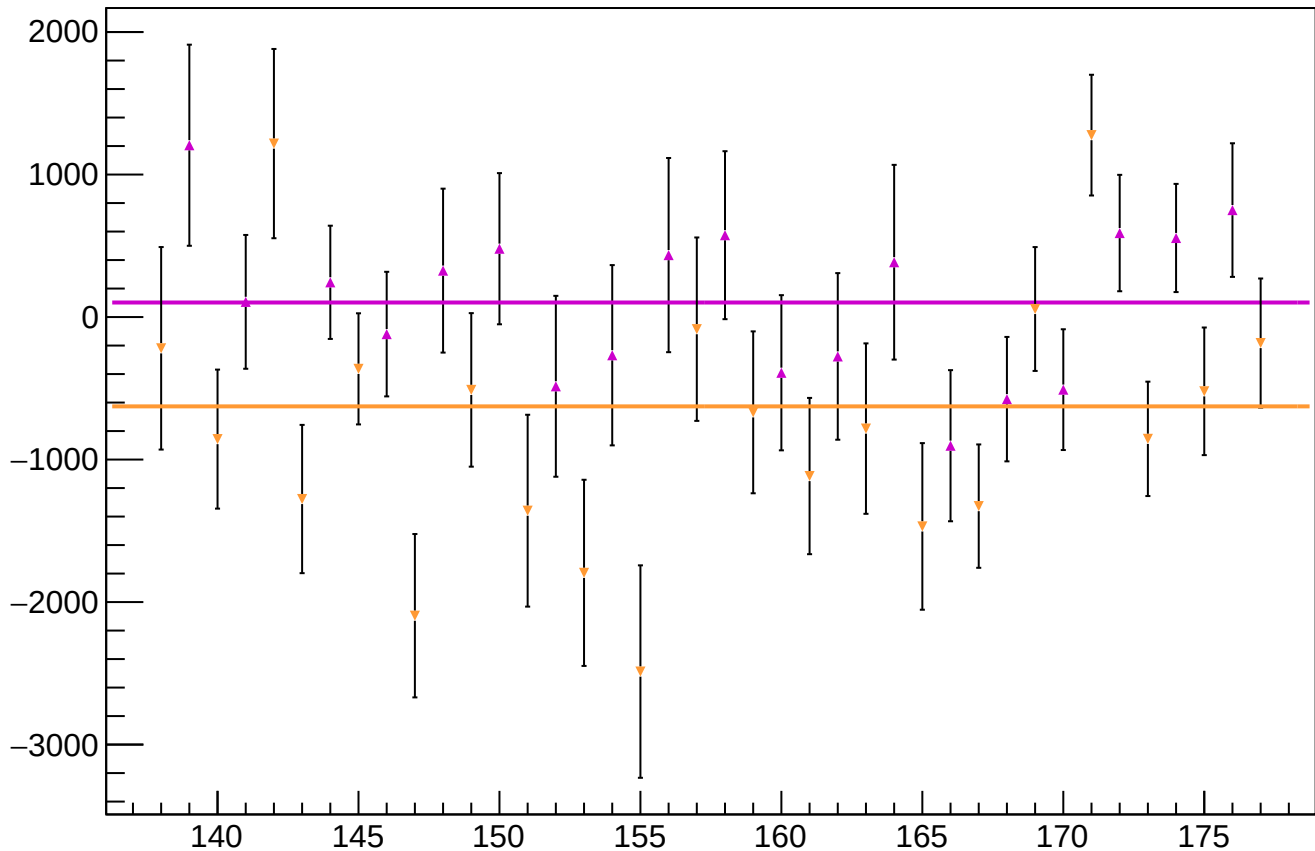
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.952+/-0.082 χ^2/NDF :1000054.7/18

Out: 442.554+/-0.080 χ^2/NDF :1126891.9/20

All: 440.797+/-0.057 χ^2/NDF : 2127938.9/39

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -626.785+/-112.938 χ^2/NDF :57.8/20

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

Left In: 102.093+/-115.467 χ^2/NDF :19.8/18

Left: -270.414+/-80.738 χ^2/NDF : 98.0/39

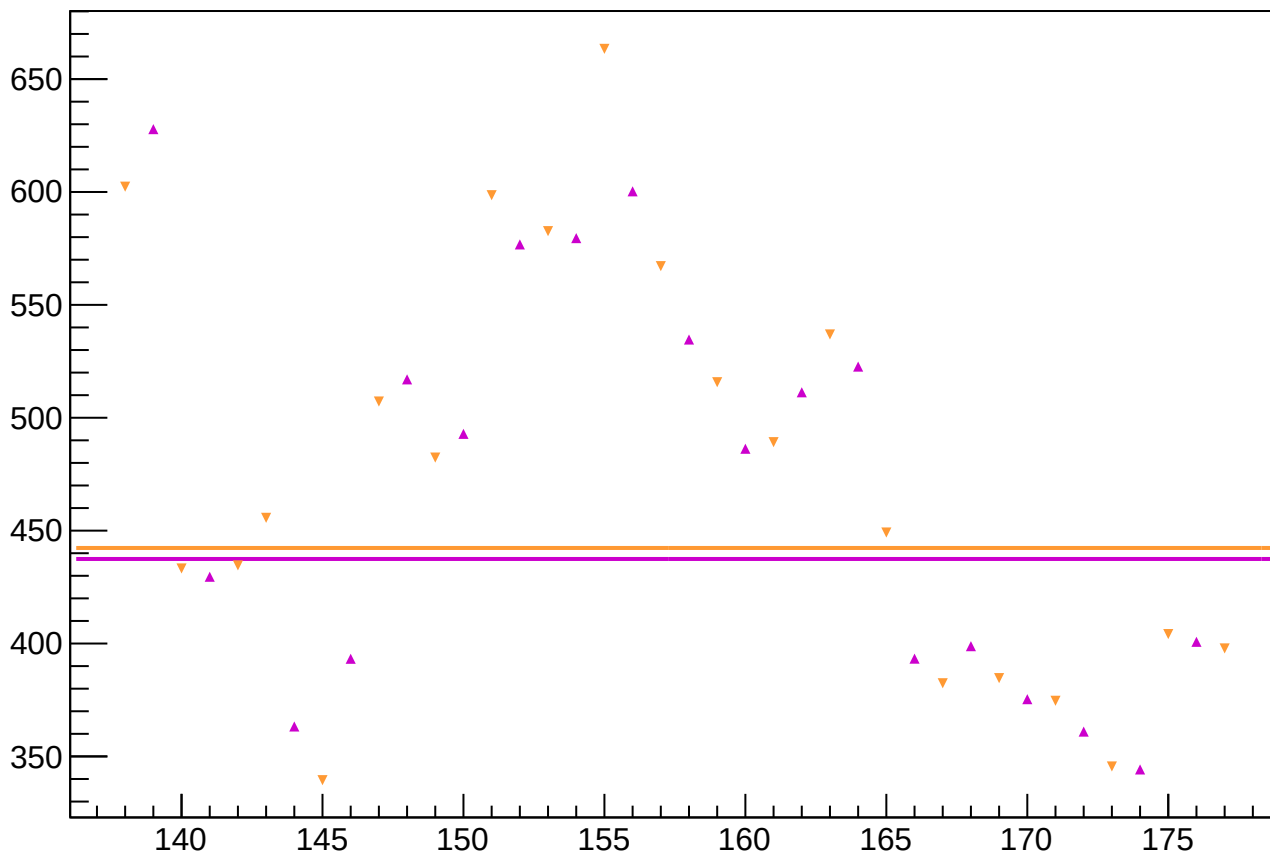
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 102.093+/-115.467 χ^2/NDF :19.8/18

Out: -626.785+/-112.938 χ^2/NDF :57.8/20

All: -270.414+/-80.738 χ^2/NDF : 98.0/39

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

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

Left In: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Left: 439.943+/-0.057 χ^2/NDF : 2122480.1/39

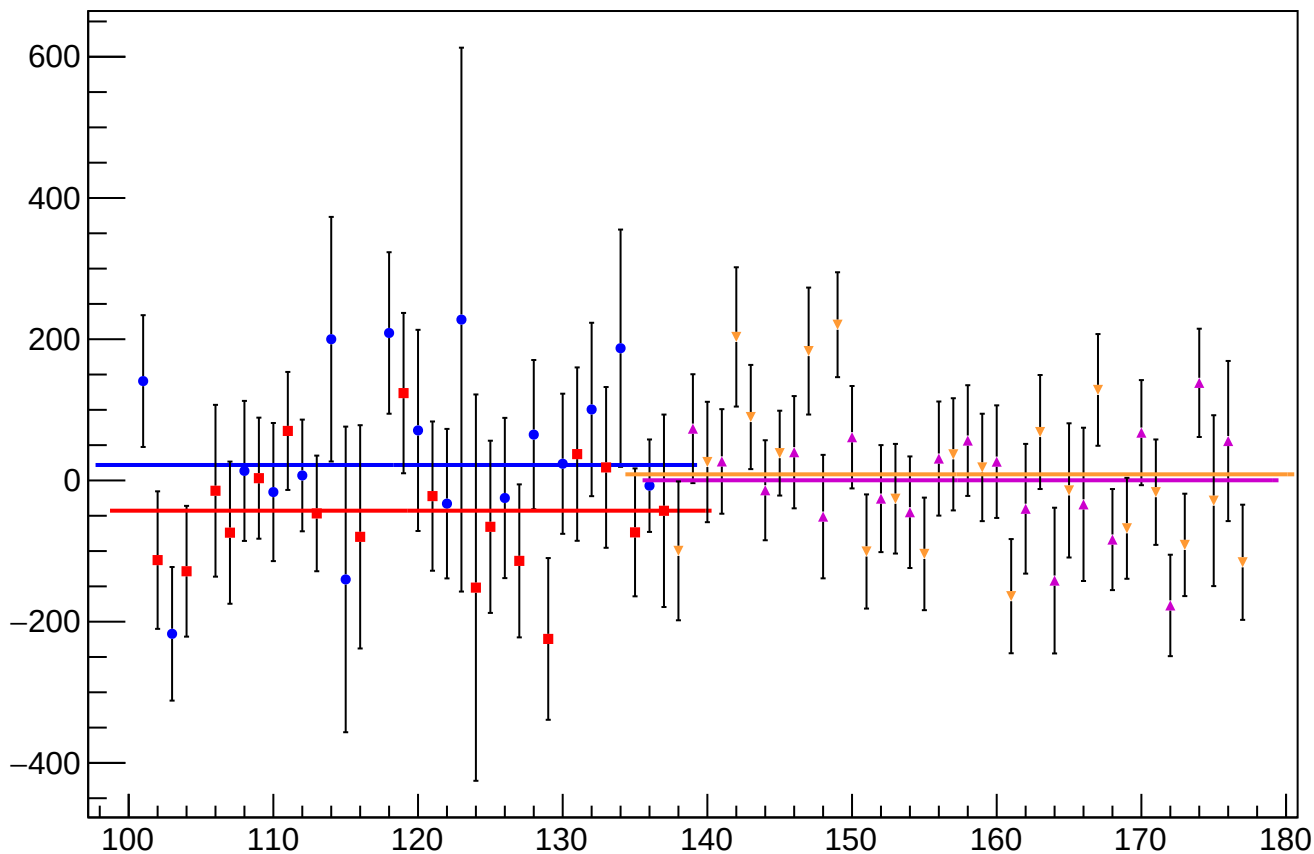
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 437.451+/-0.082 χ^2/NDF :1016928.1/18

Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

All: 439.943+/-0.057 χ^2/NDF : 2122480.1/39

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: 8.682 $\pm$ 17.465 χ^2 /NDF:35.7/20

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 0.235 $\pm$ 18.406 χ^2 /NDF:17.5/18

Left: 4.680 $\pm$ 12.669 χ^2 /NDF: 53.4/39

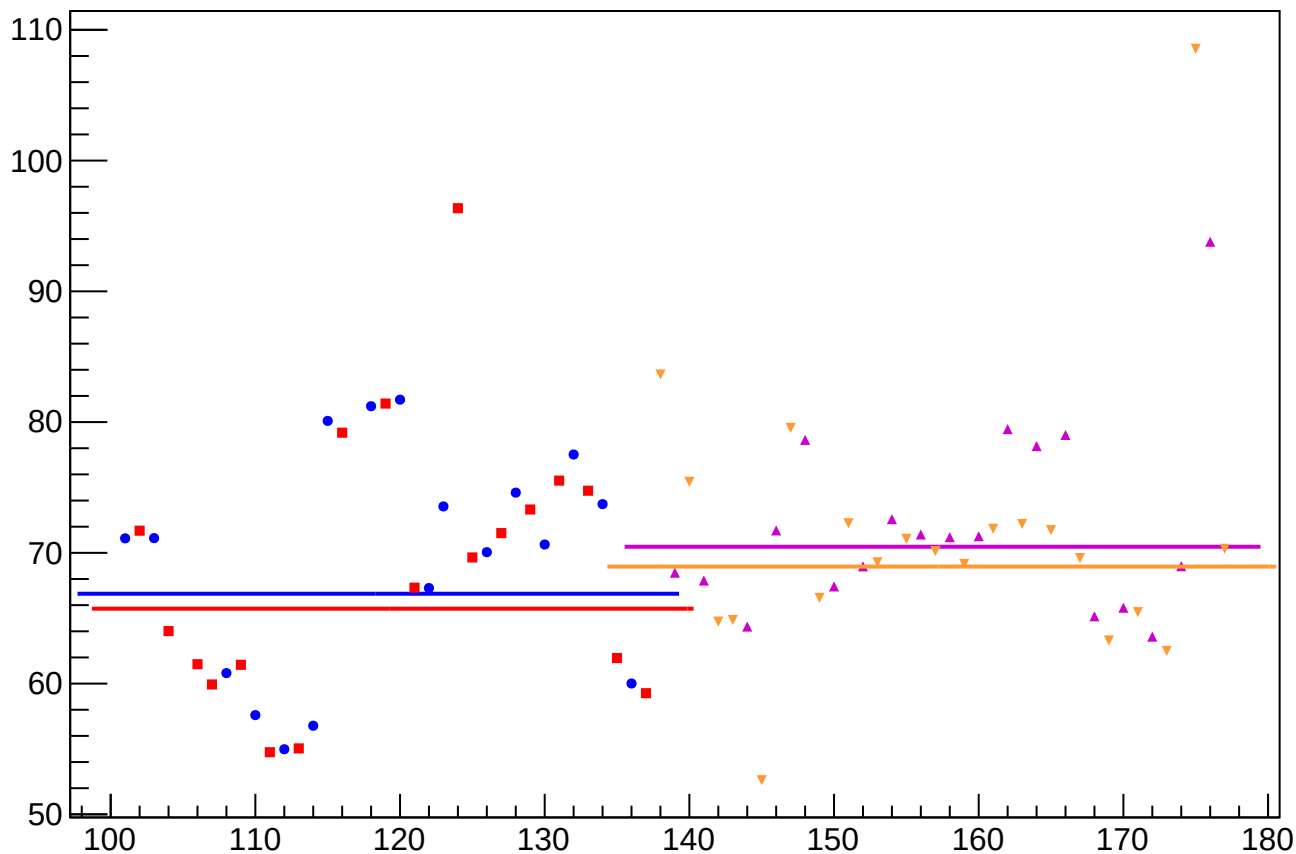
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 7.450 $\pm$ 15.033 χ^2 /NDF:33.1/35

Out: -8.104 $\pm$ 14.339 χ^2 /NDF:48.4/38

All: -0.694 $\pm$ 10.376 χ^2 /NDF: 82.0/74

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: 68.950 $\pm$ 0.012 χ^2 /NDF: 504269.3/20

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 70.467 $\pm$ 0.013 χ^2 /NDF: 208312.1/18

Left: 69.669 $\pm$ 0.009 χ^2 /NDF: 719728.2/39

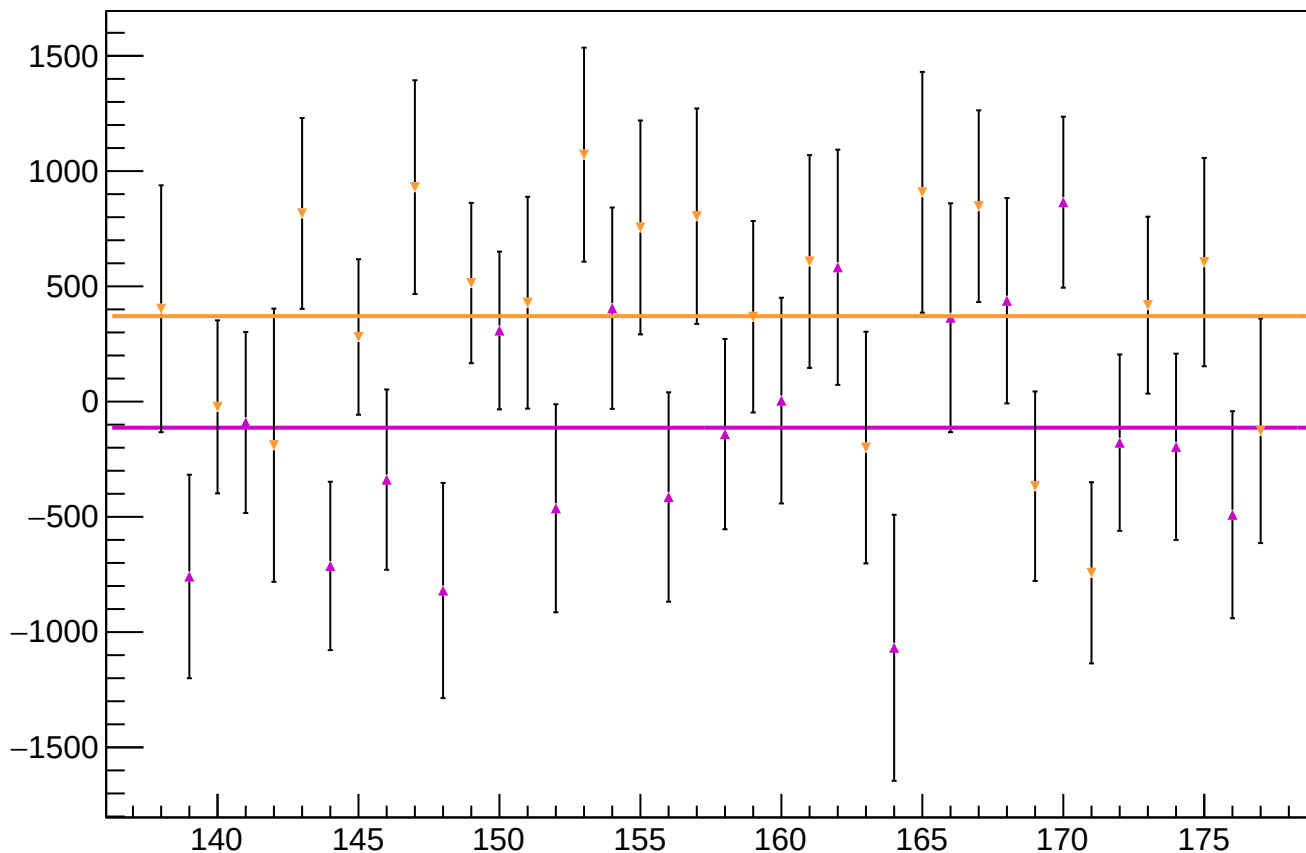
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 69.270 $\pm$ 0.011 χ^2 /NDF: 436222.9/35

Out: 67.901 $\pm$ 0.010 χ^2 /NDF: 745287.5/38

All: 68.553 $\pm$ 0.007 χ^2 /NDF: 1190200.4/74

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 370.641+/-94.593 χ^2/NDF :25.2/20

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

Left In: -113.194+/-97.221 χ^2/NDF :26.3/18

Left: 135.352+/-67.797 χ^2/NDF : 64.2/39

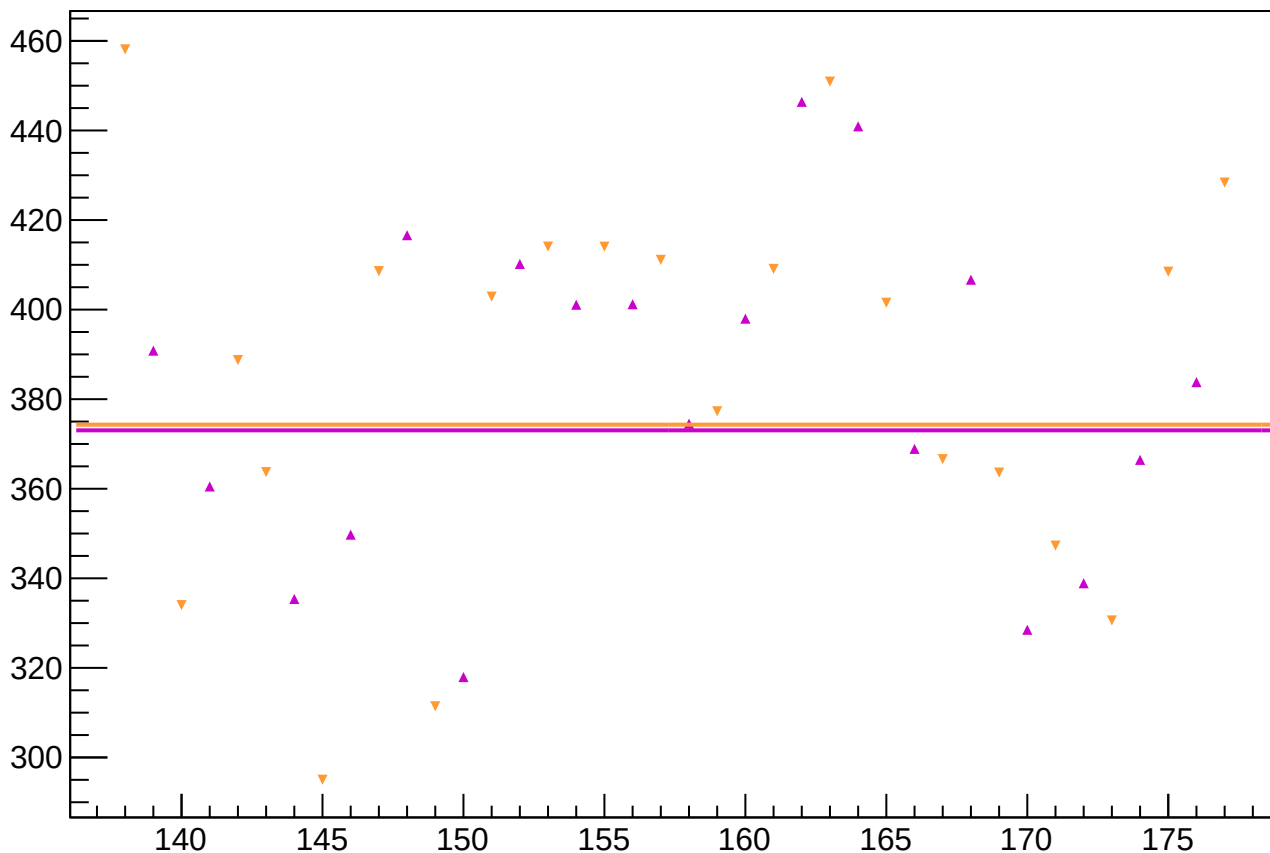
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -113.194+/-97.221 χ^2/NDF :26.3/18

Out: 370.641+/-94.593 χ^2/NDF :25.2/20

All: 135.352+/-67.797 χ^2/NDF : 64.2/39

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 374.310+/-0.067 χ^2/NDF :447697.2/20

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

Left In: 373.040+/-0.069 χ^2/NDF :265668.0/18

Left: 373.692+/-0.048 χ^2/NDF : 713540.7/39

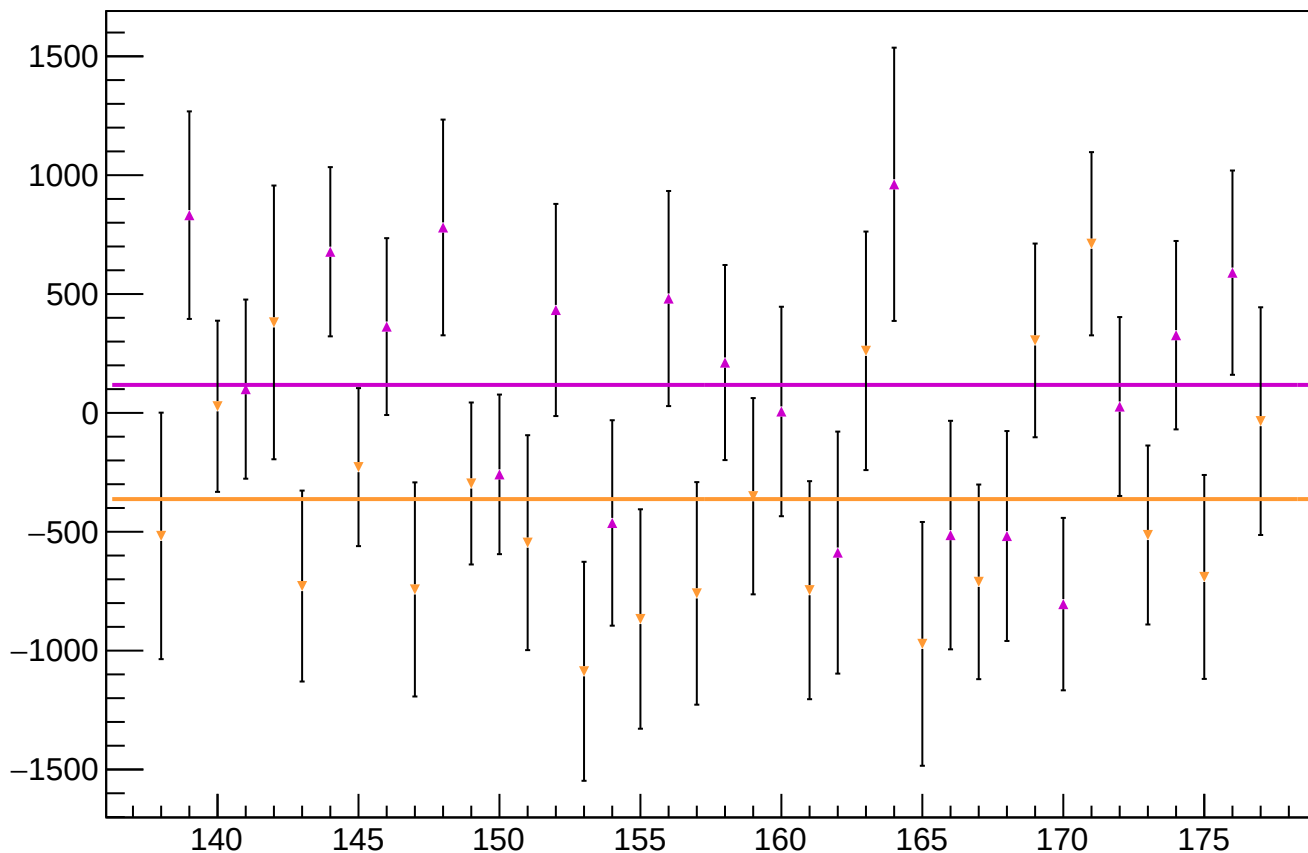
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 373.040+/-0.069 χ^2/NDF :265668.0/18

Out: 374.310+/-0.067 χ^2/NDF :447697.2/20

All: 373.692+/-0.048 χ^2/NDF : 713540.7/39

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -362.555+/-92.810 χ^2/NDF :25.3/20

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

Left In: 117.759+/-95.217 χ^2/NDF :27.9/18

Left: -128.545+/-66.461 χ^2/NDF : 66.2/39

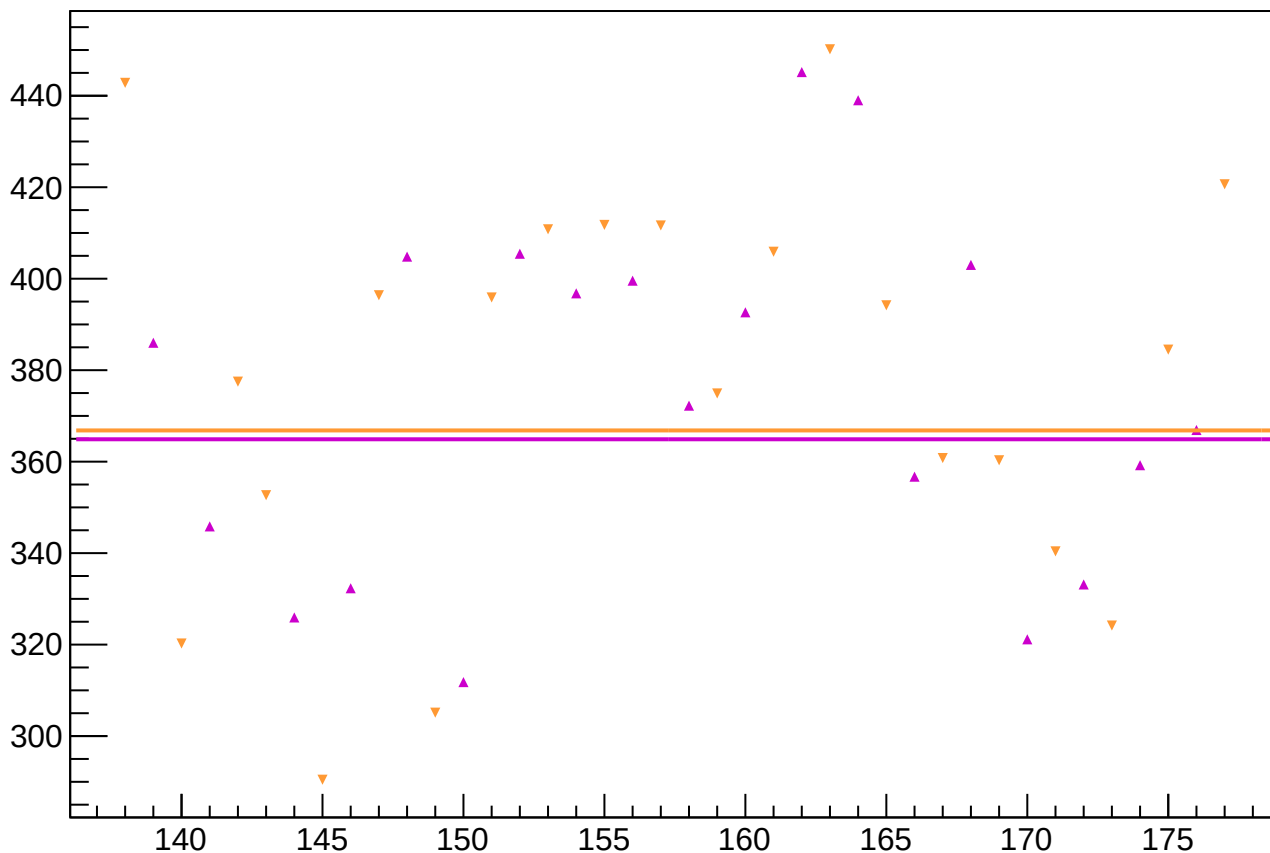
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 117.759+/-95.217 χ^2/NDF :27.9/18

Out: -362.555+/-92.810 χ^2/NDF :25.3/20

All: -128.545+/-66.461 χ^2/NDF : 66.2/39

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

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

Left In: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Left: 365.885+/-0.047 χ^2/NDF : 769199.9/39

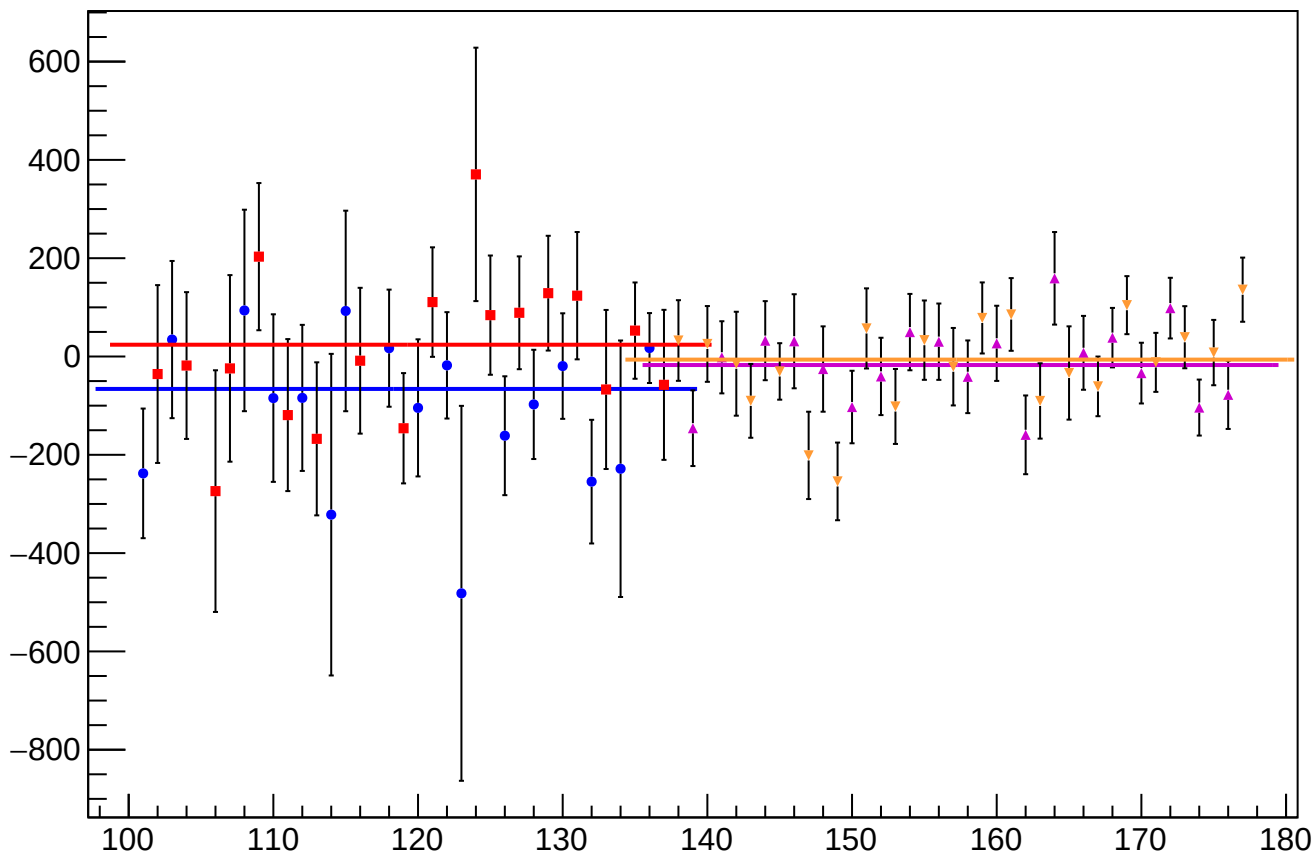
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.893+/-0.067 χ^2/NDF : 304667.4/18

Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

All: 365.885+/-0.047 χ^2/NDF : 769199.9/39

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -6.332 ± 15.785 χ^2/NDF : 32.8/20

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -17.341 ± 16.806 χ^2/NDF : 20.7/18

Left: -11.492 ± 11.506 χ^2/NDF : 53.7/39

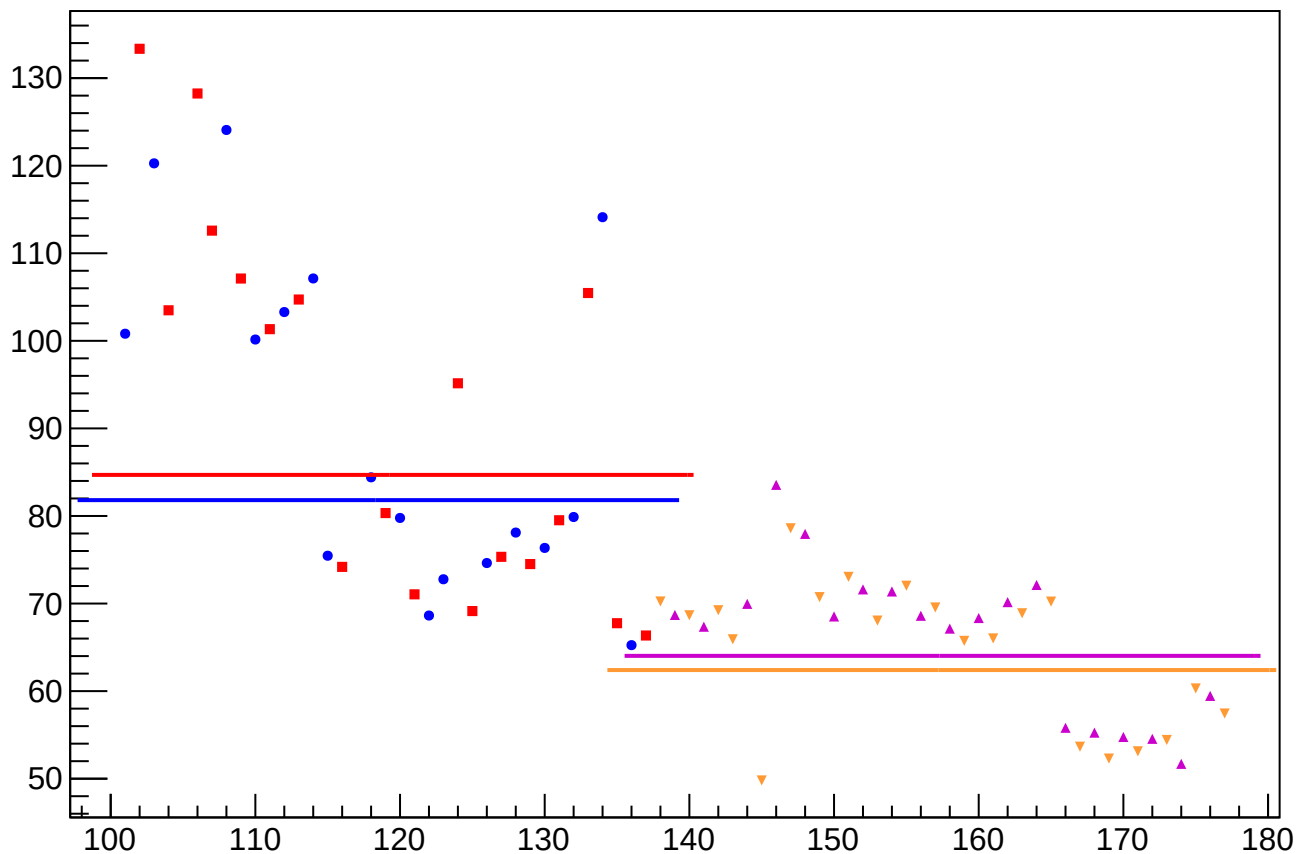
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -27.707 ± 14.908 χ^2/NDF : 33.3/35

Out: -0.629 ± 14.223 χ^2/NDF : 46.4/38

All: -13.532 ± 10.291 χ^2/NDF : 81.4/74

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.406+/-0.011 χ^2/NDF : 549400.8/20

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 64.027+/-0.012 χ^2/NDF : 504844.6/18

Left: 63.165+/-0.008 χ^2/NDF : 1064130.9/39

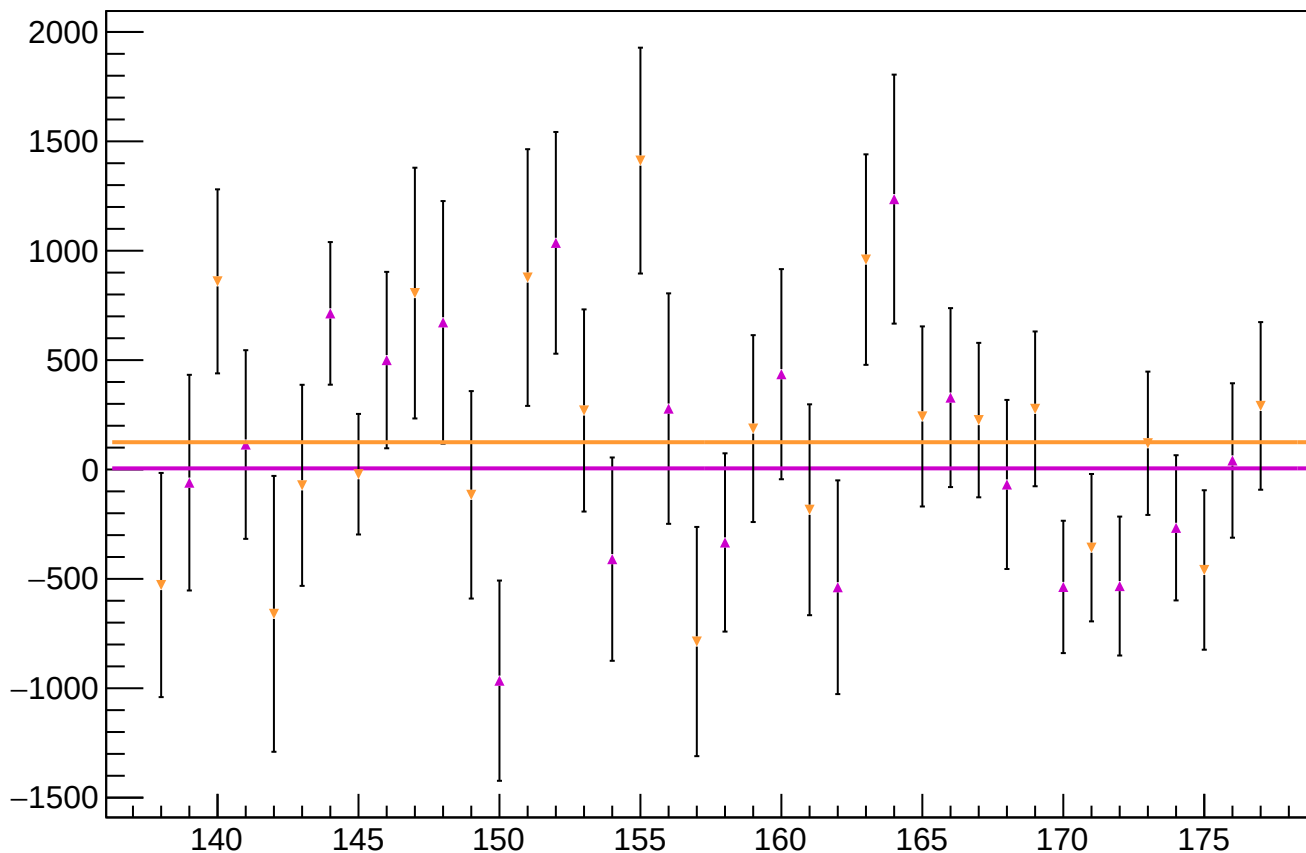
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 67.817+/-0.011 χ^2/NDF : 1489309.0/35

Out: 66.599+/-0.010 χ^2/NDF : 1915323.4/38

All: 67.179+/-0.007 χ^2/NDF : 3411626.5/74

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: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

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

Left In: 5.148 $\pm$ 93.876 χ^2 /NDF:32.3/18

Left: 66.820 $\pm$ 65.327 χ^2 /NDF: 61.1/39

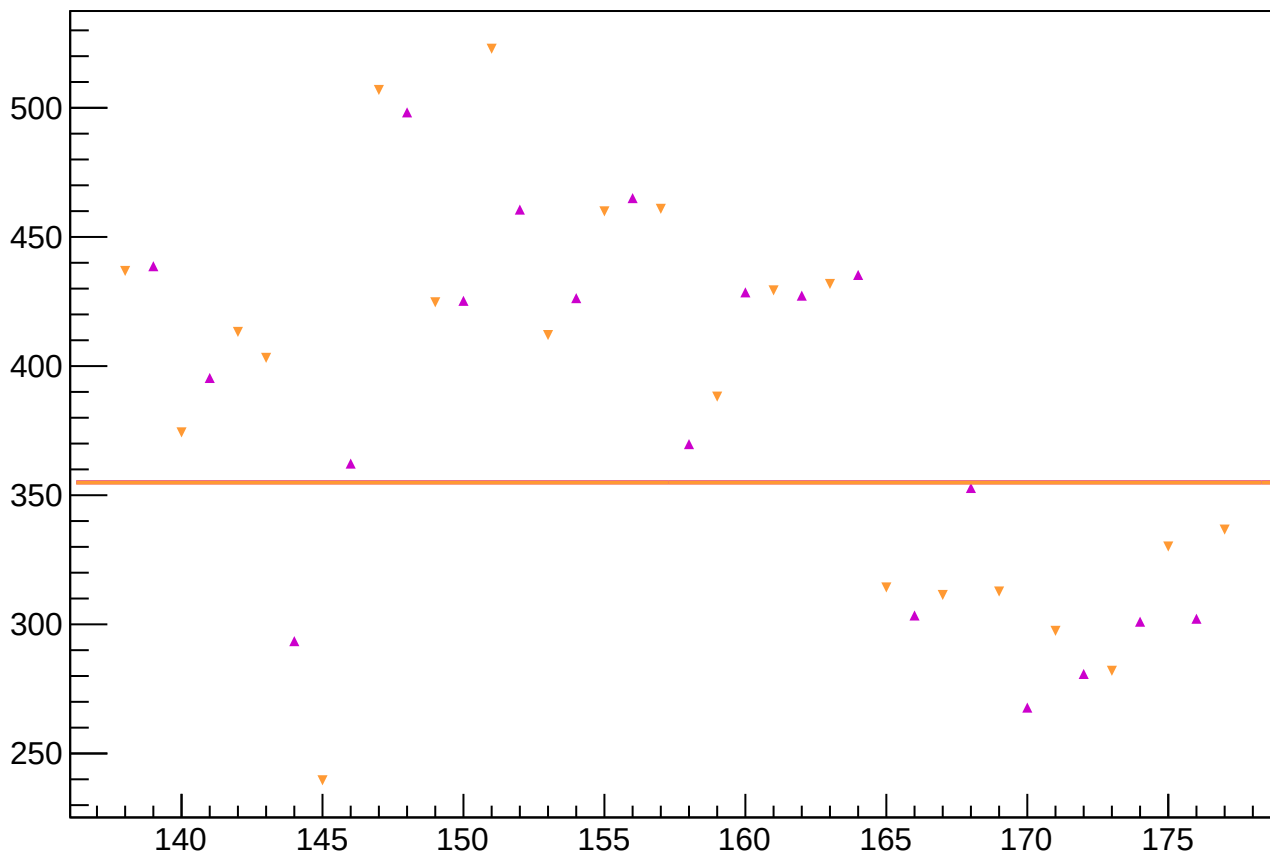
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 5.148 $\pm$ 93.876 χ^2 /NDF:32.3/18

Out: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

All: 66.820 $\pm$ 65.327 χ^2 /NDF: 61.1/39

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: 354.911+/-0.064 χ^2/NDF :1347827.5/20

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

Left In: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Left: 354.953+/-0.046 χ^2/NDF : 2434959.9/39

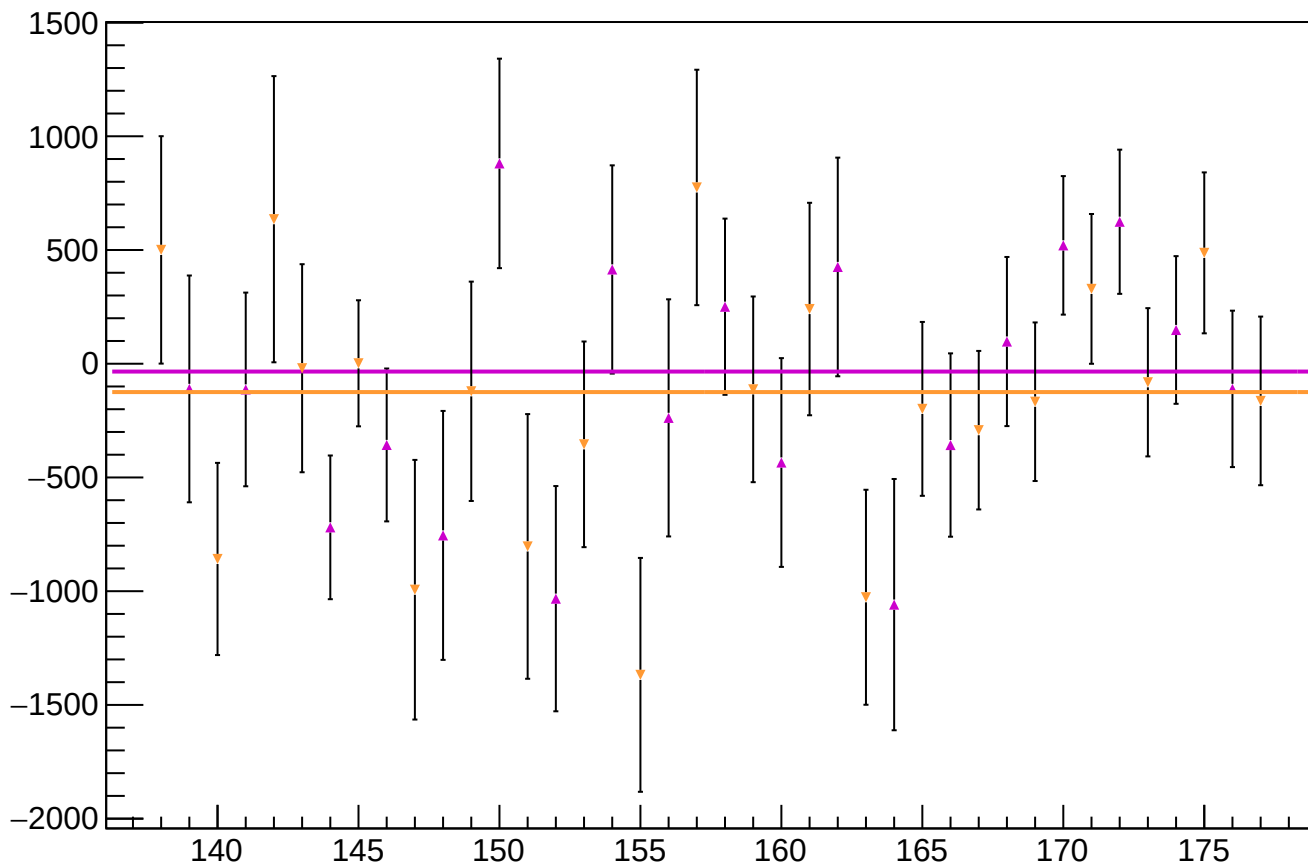
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 354.998+/-0.066 χ^2/NDF :1087131.5/18

Out: 354.911+/-0.064 χ^2/NDF :1347827.5/20

All: 354.953+/-0.046 χ^2/NDF : 2434959.9/39

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -124.597+/-89.461 χ^2/NDF :28.6/20

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

Left In: -34.442+/-91.247 χ^2/NDF :31.0/18

Left: -80.411+/-63.881 χ^2/NDF : 60.0/39

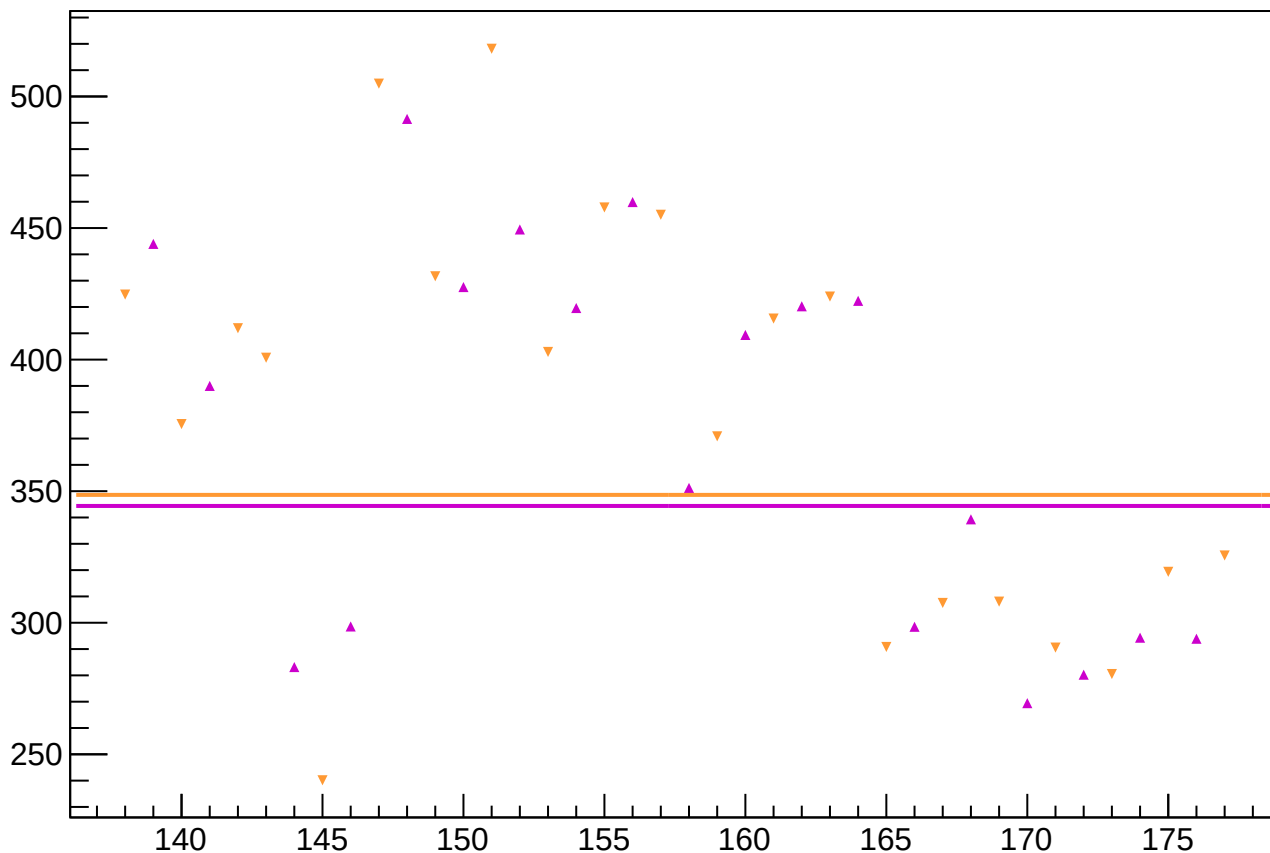
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.442+/-91.247 χ^2/NDF :31.0/18

Out: -124.597+/-89.461 χ^2/NDF :28.6/20

All: -80.411+/-63.881 χ^2/NDF : 60.0/39

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 348.592 $\pm$ 0.063 χ^2/NDF :1359460.1/20

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

Left In: 344.386 $\pm$ 0.065 χ^2/NDF :1117499.3/18

Left: 346.530 $\pm$ 0.045 χ^2/NDF : 2479126.3/39

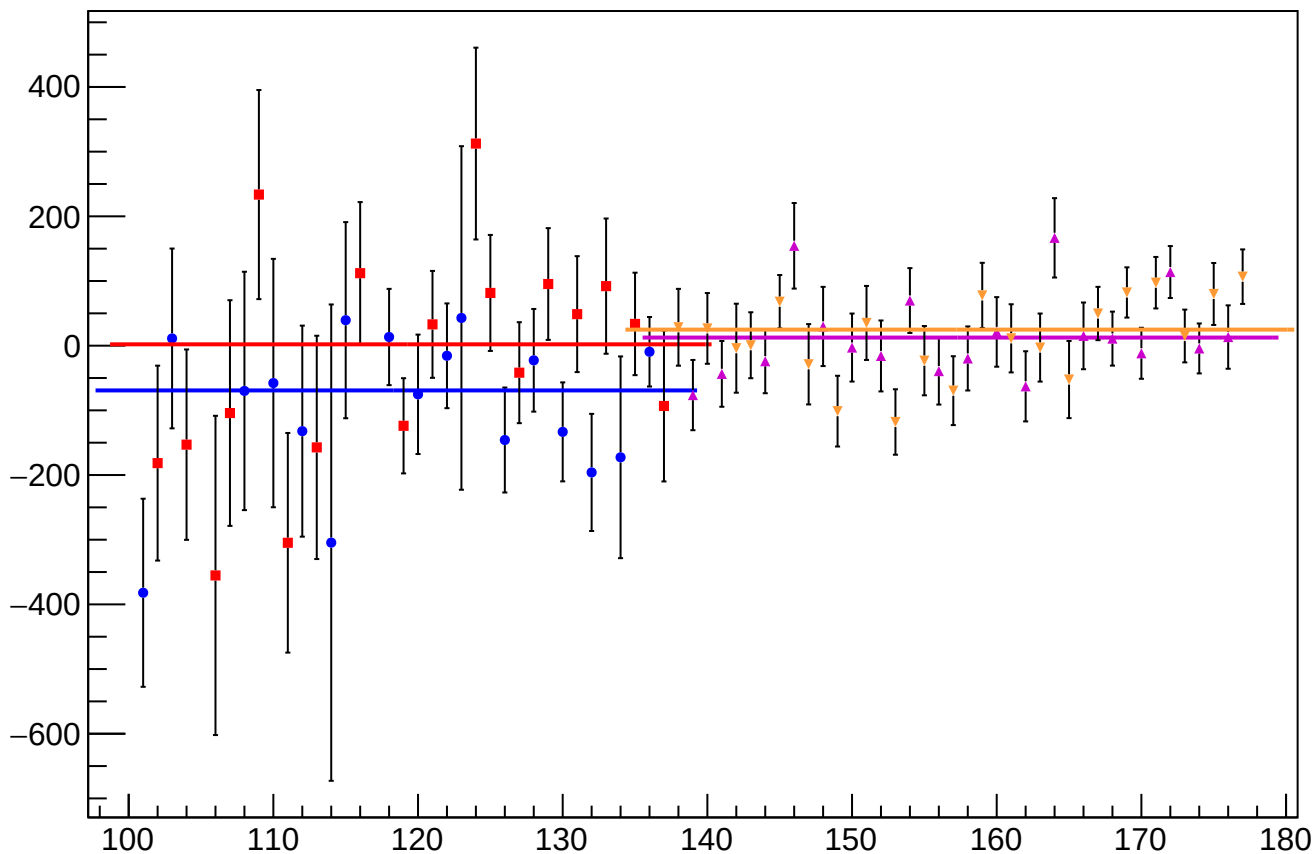
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 344.386 $\pm$ 0.065 χ^2/NDF :1117499.3/18

Out: 348.592 $\pm$ 0.063 χ^2/NDF :1359460.1/20

All: 346.530 $\pm$ 0.045 χ^2/NDF : 2479126.3/39

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 ± 10.740 χ^2/NDF : 33.6/20

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 12.545 ± 11.357 χ^2/NDF : 27.4/18

Left: 19.022 ± 7.803 χ^2/NDF : 61.7/39

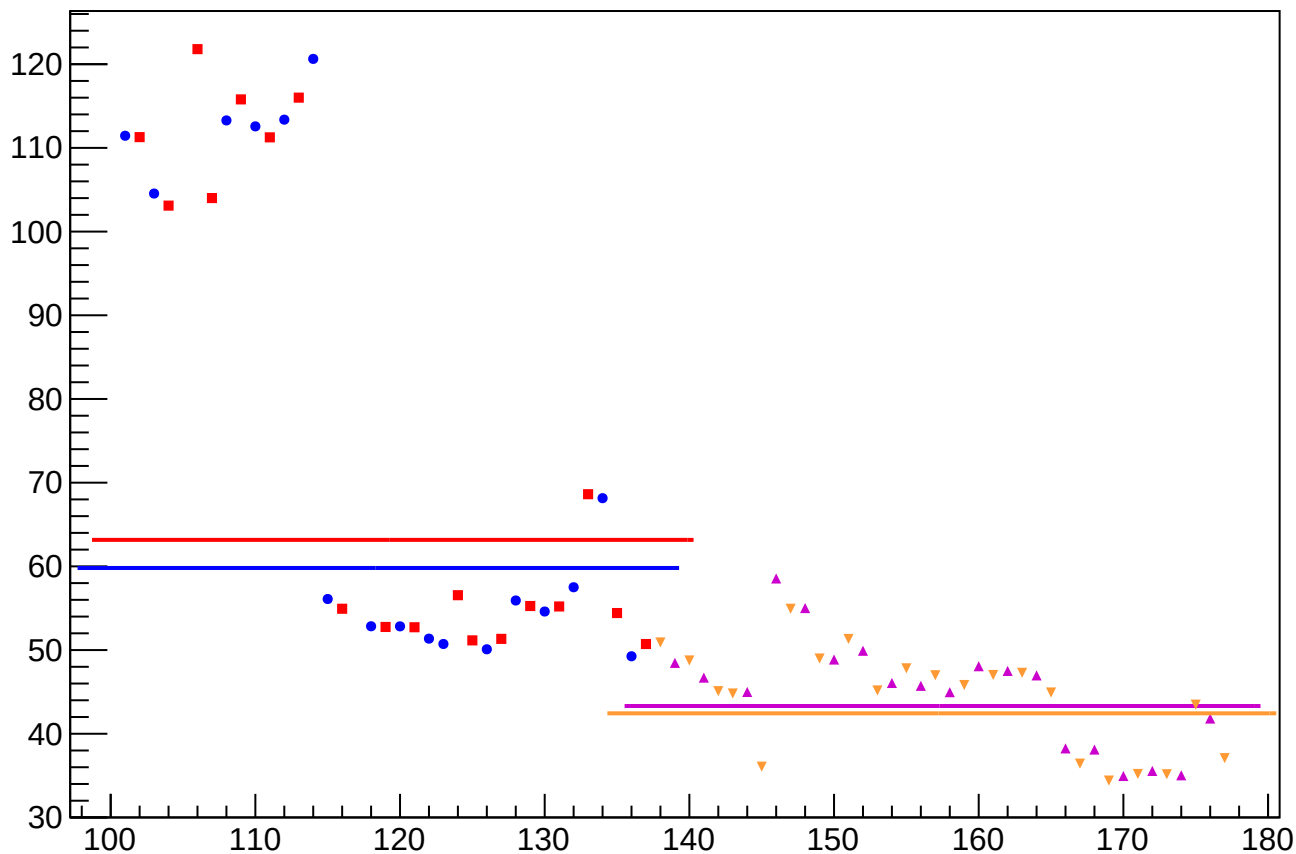
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -2.147 ± 10.286 χ^2/NDF : 50.2/35

Out: 21.317 ± 9.879 χ^2/NDF : 58.1/38

All: 10.058 ± 7.125 χ^2/NDF : 111.0/74

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 42.440+/-0.008 χ^2/NDF : 656484.3/20

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 43.316+/-0.008 χ^2/NDF : 615565.4/18

Left: 42.854+/-0.006 χ^2/NDF : 1278339.8/39

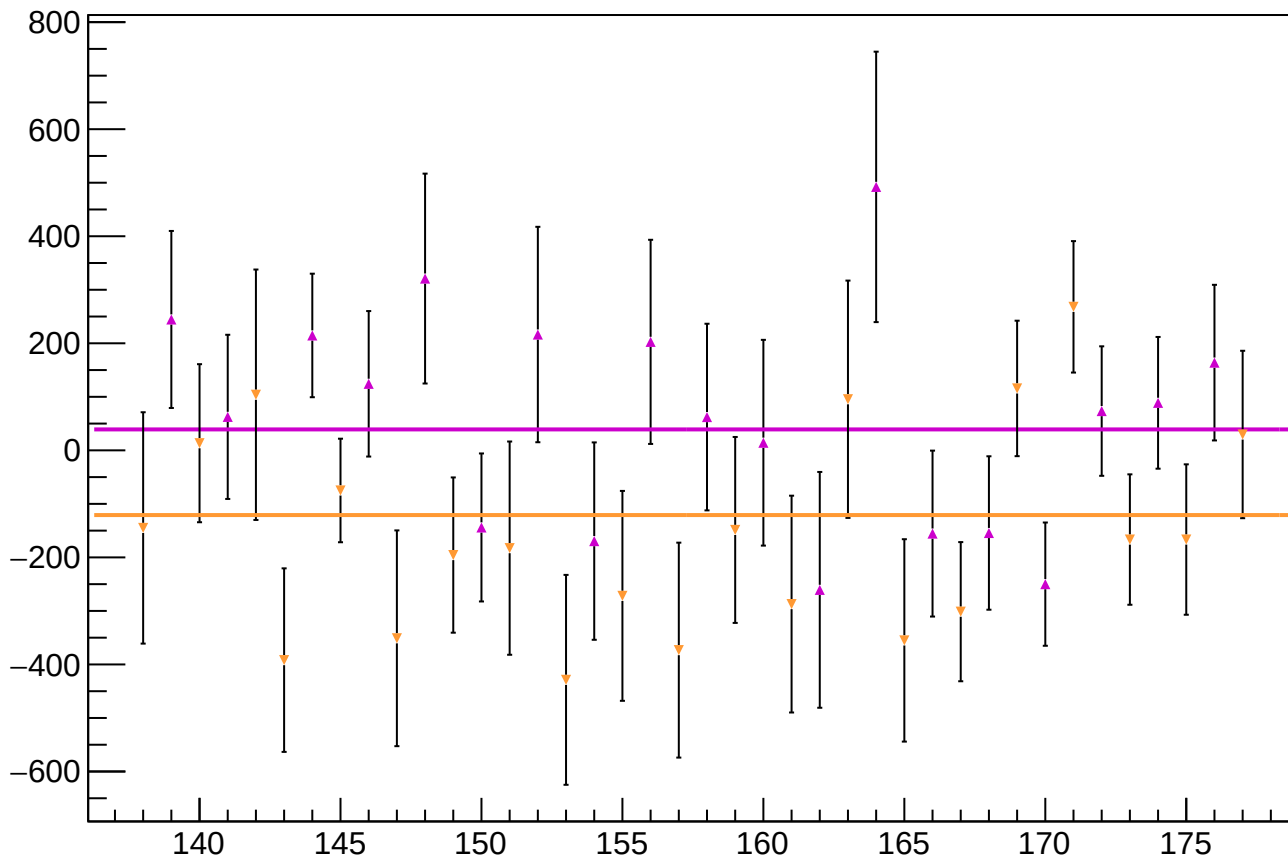
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 46.281+/-0.007 χ^2/NDF : 2603680.2/35

Out: 45.629+/-0.007 χ^2/NDF : 3189685.6/38

All: 45.942+/-0.005 χ^2/NDF : 5797552.3/74

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: -120.914+/-34.232 χ^2/NDF :30.6/20

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

Left In: 39.101+/-35.095 χ^2/NDF :26.7/18

Left: -42.897+/-24.505 χ^2/NDF : 67.9/39

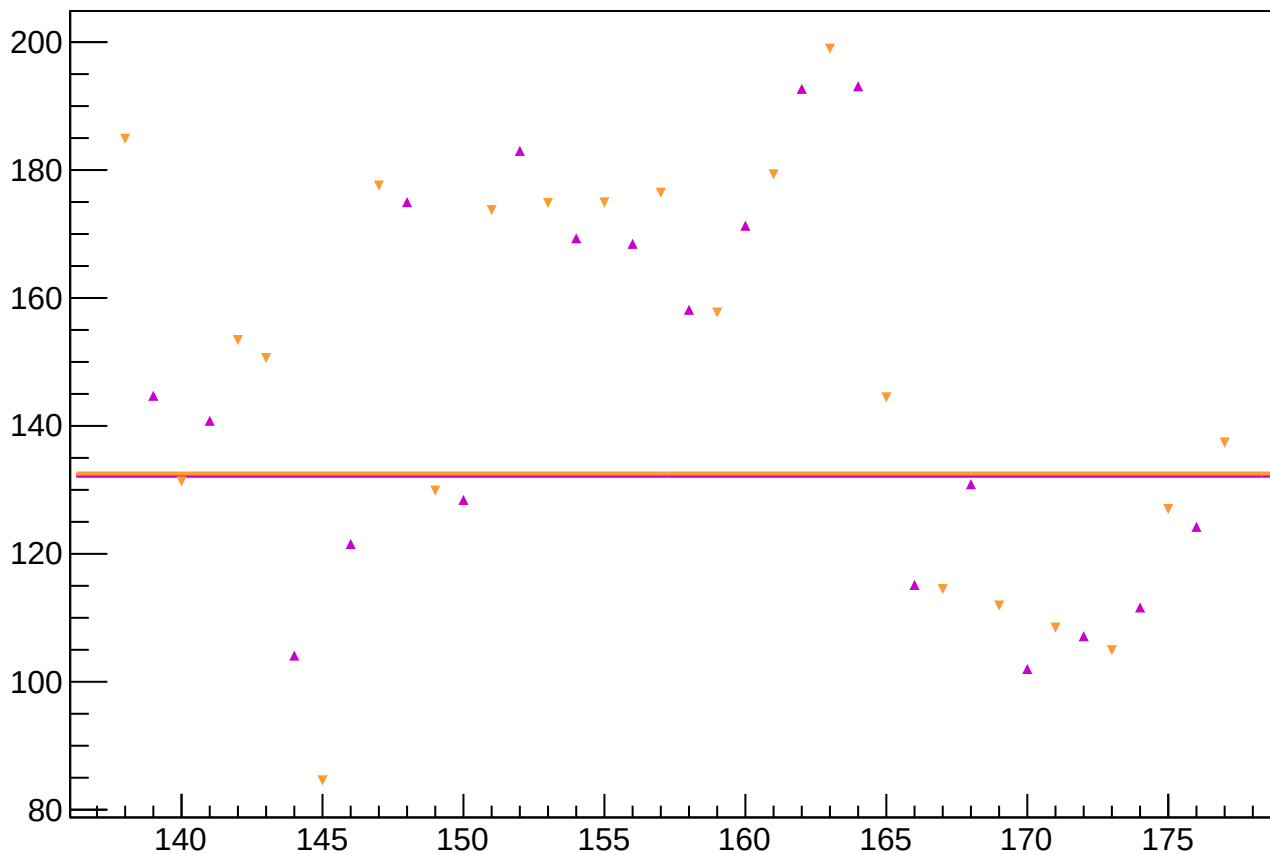
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.101+/-35.095 χ^2/NDF :26.7/18

Out: -120.914+/-34.232 χ^2/NDF :30.6/20

All: -42.897+/-24.505 χ^2/NDF : 67.9/39

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

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

Left In: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Left: 132.389+/-0.017 χ^2/NDF : 2958501.3/39

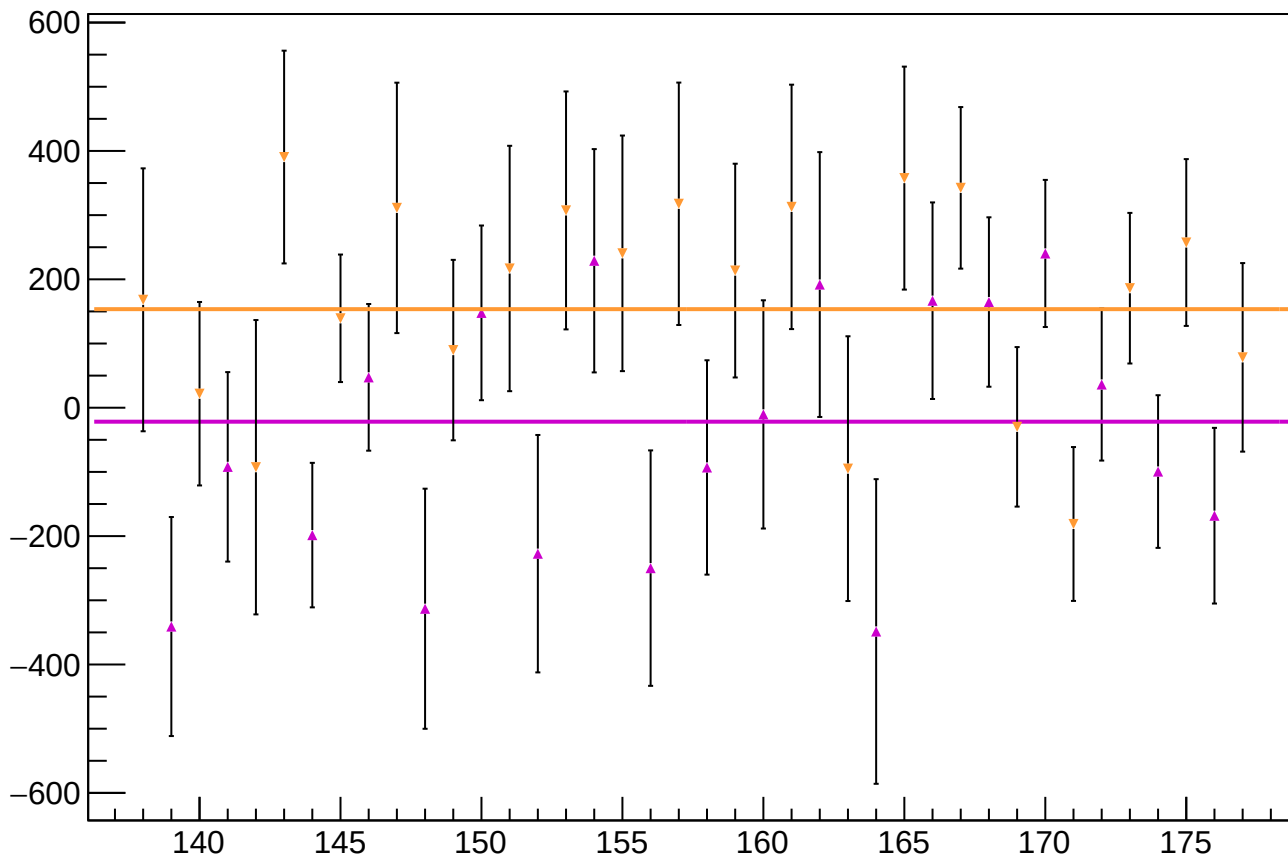
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.209+/-0.025 χ^2/NDF :1230370.7/18

Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

All: 132.389+/-0.017 χ^2/NDF : 2958501.3/39

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: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

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

Left In: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Left: 67.150 $\pm$ 23.520 χ^2 /NDF: 66.6/39

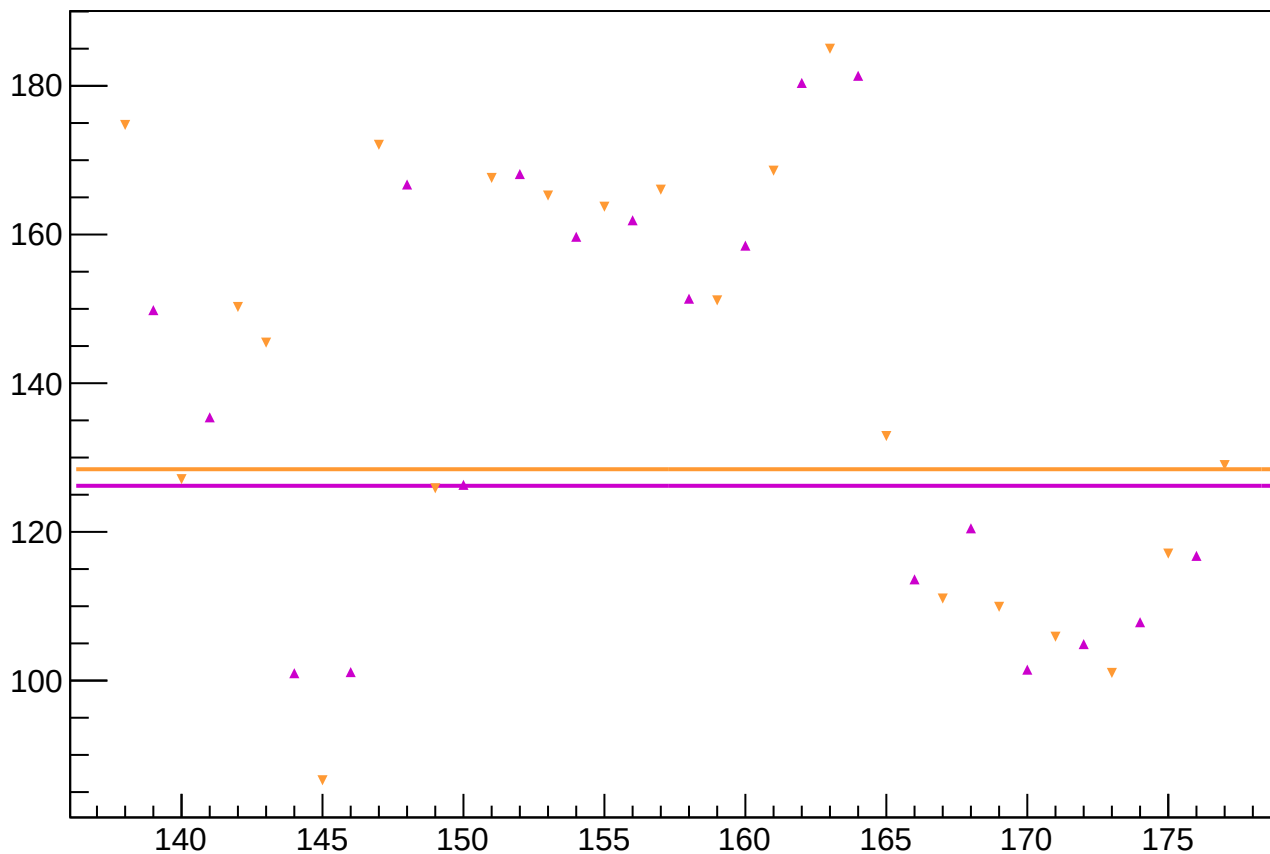
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.764 $\pm$ 33.505 χ^2 /NDF:29.1/18

Out: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

All: 67.150 $\pm$ 23.520 χ^2 /NDF: 66.6/39

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

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

Left In: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Left: 127.331+/-0.017 χ^2/NDF : 2653246.1/39

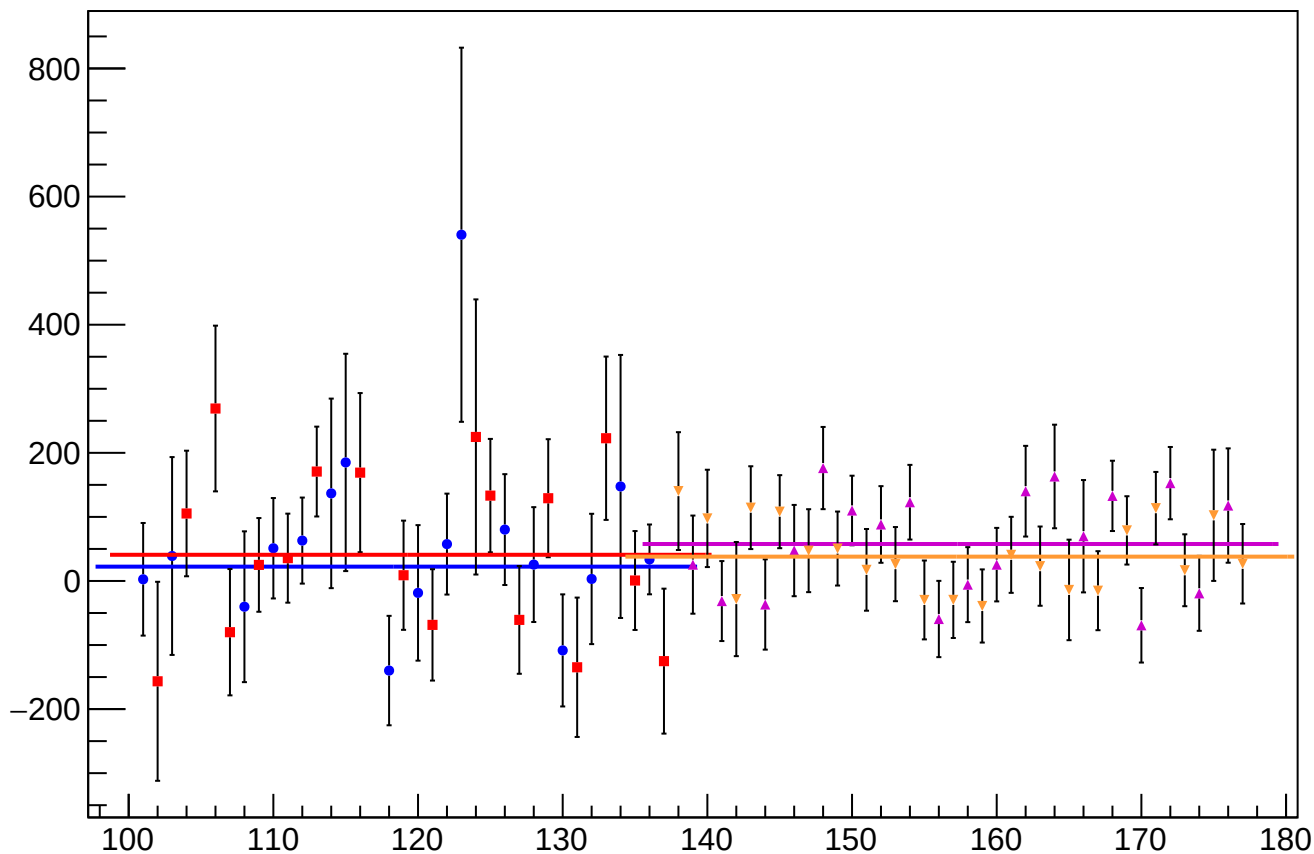
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.201+/-0.024 χ^2/NDF :1179323.1/18

Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

All: 127.331+/-0.017 χ^2/NDF : 2653246.1/39

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: 37.964 ± 13.857 $\chi^2/\text{NDF}: 14.0/20$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 57.690 ± 14.585 $\chi^2/\text{NDF}: 30.0/18$

Left: 47.322 ± 10.046 $\chi^2/\text{NDF}: 45.0/39$

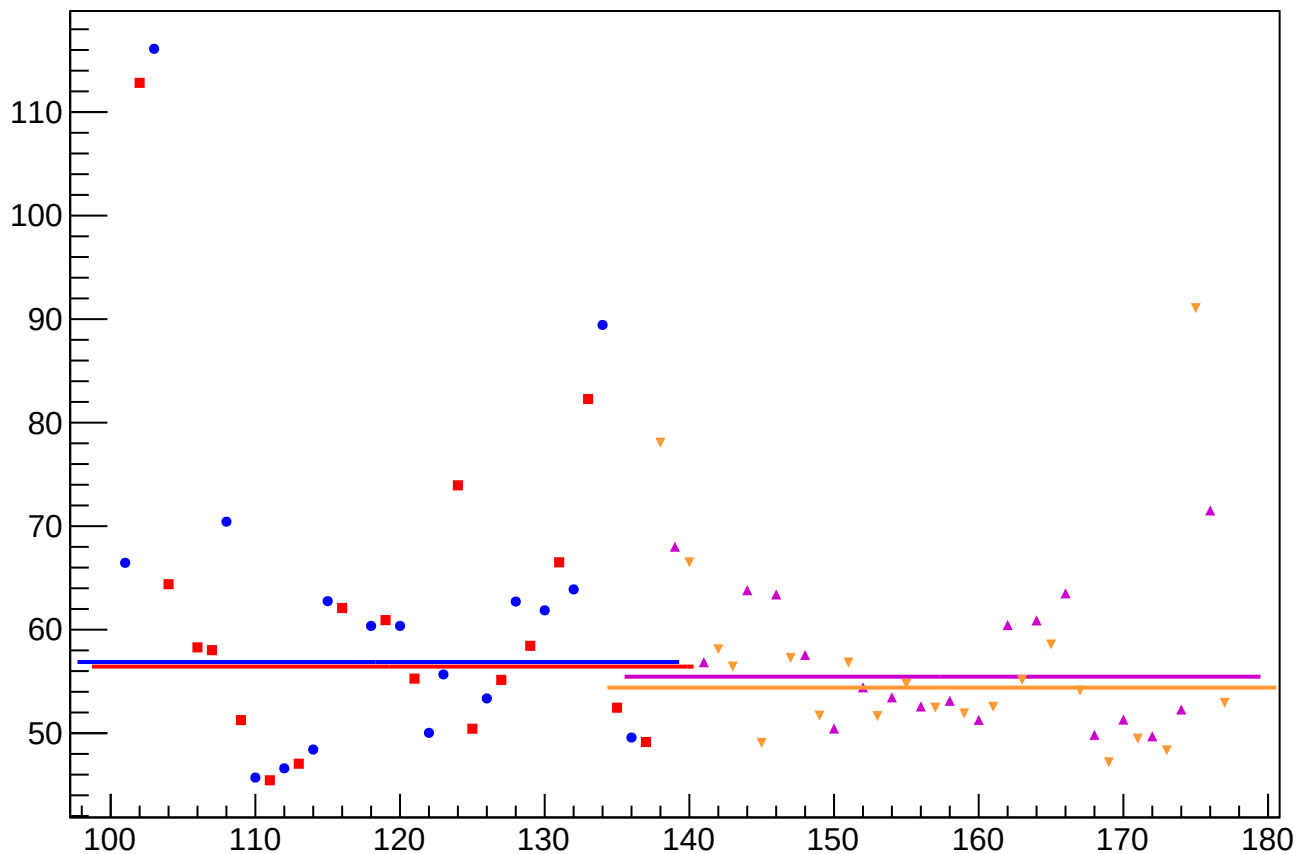
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 47.318 ± 12.259 $\chi^2/\text{NDF}: 44.3/35$

Out: 38.781 ± 11.745 $\chi^2/\text{NDF}: 38.3/38$

All: 42.867 ± 8.481 $\chi^2/\text{NDF}: 82.8/74$

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: 54.404 $\pm$ 0.010 χ^2 /NDF: 568150.6/20

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.459 $\pm$ 0.010 χ^2 /NDF: 306662.0/18

Left: 54.904 $\pm$ 0.007 χ^2 /NDF: 880309.9/39

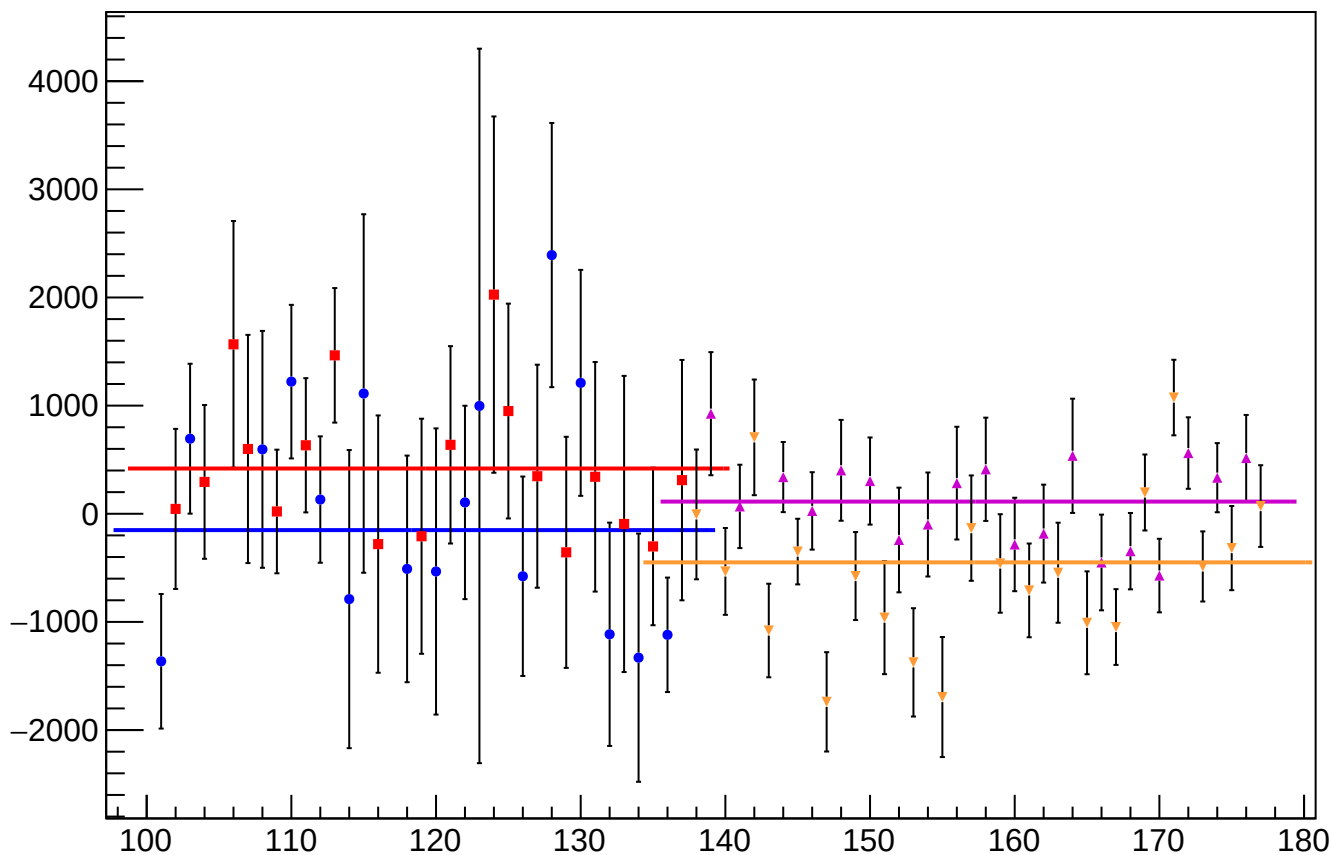
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 55.876 $\pm$ 0.009 χ^2 /NDF: 887714.2/35

Out: 54.976 $\pm$ 0.008 χ^2 /NDF: 1100691.1/38

All: 55.406 $\pm$ 0.006 χ^2 /NDF: 1994027.1/74

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: -449.443 ± 90.765 $\chi^2/\text{NDF}: 54.4/20$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 112.553 ± 93.089 $\chi^2/\text{NDF}: 17.0/18$

Left: -175.550 ± 64.987 $\chi^2/\text{NDF}: 90.2/39$

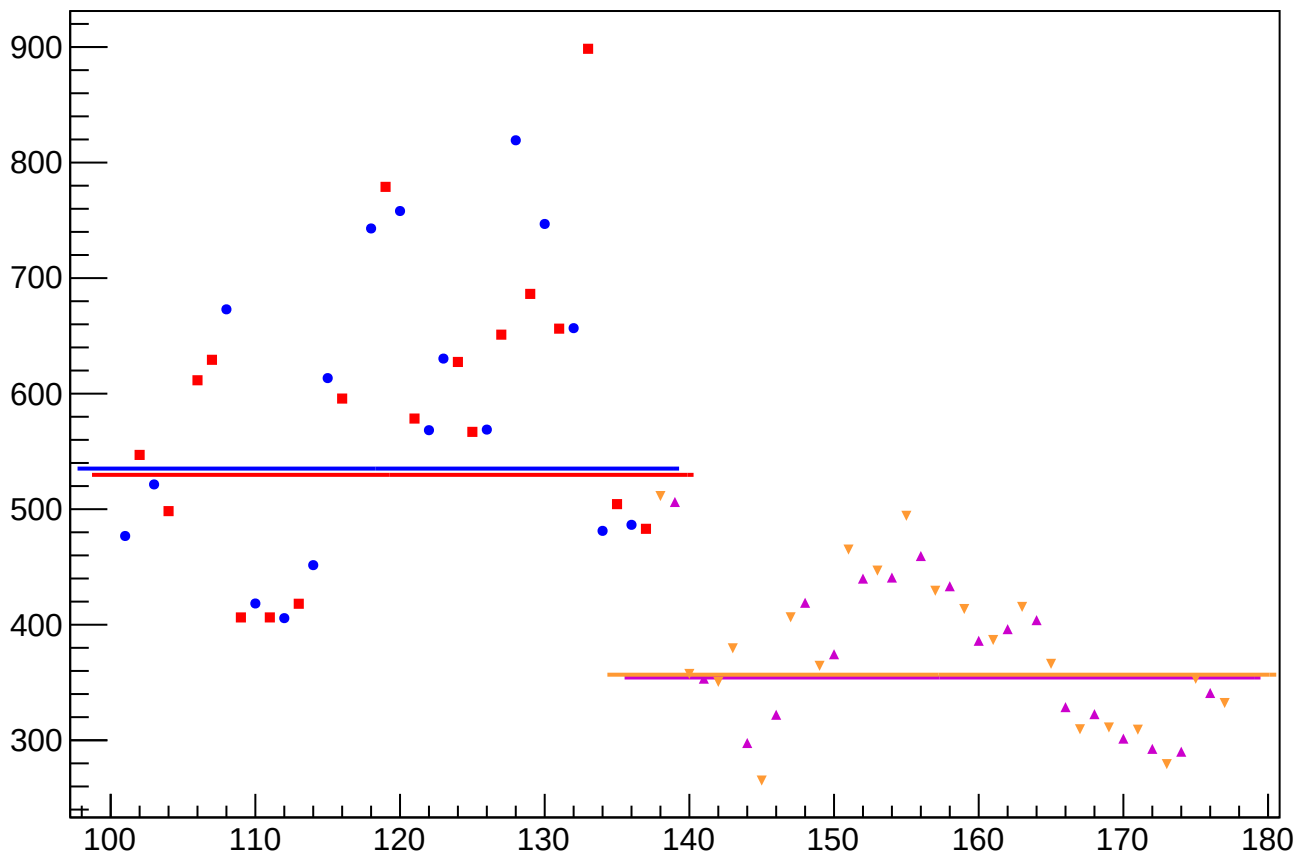
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 70.071 ± 85.263 $\chi^2/\text{NDF}: 40.8/35$

Out: -307.248 ± 82.998 $\chi^2/\text{NDF}: 77.8/38$

All: -123.668 ± 59.473 $\chi^2/\text{NDF}: 128.6/74$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 356.753+/-0.064 χ^2/NDF : 966605.7/20

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 354.306+/-0.066 χ^2/NDF : 796433.0/18

Left: 355.560+/-0.046 χ^2/NDF : 1763747.4/39

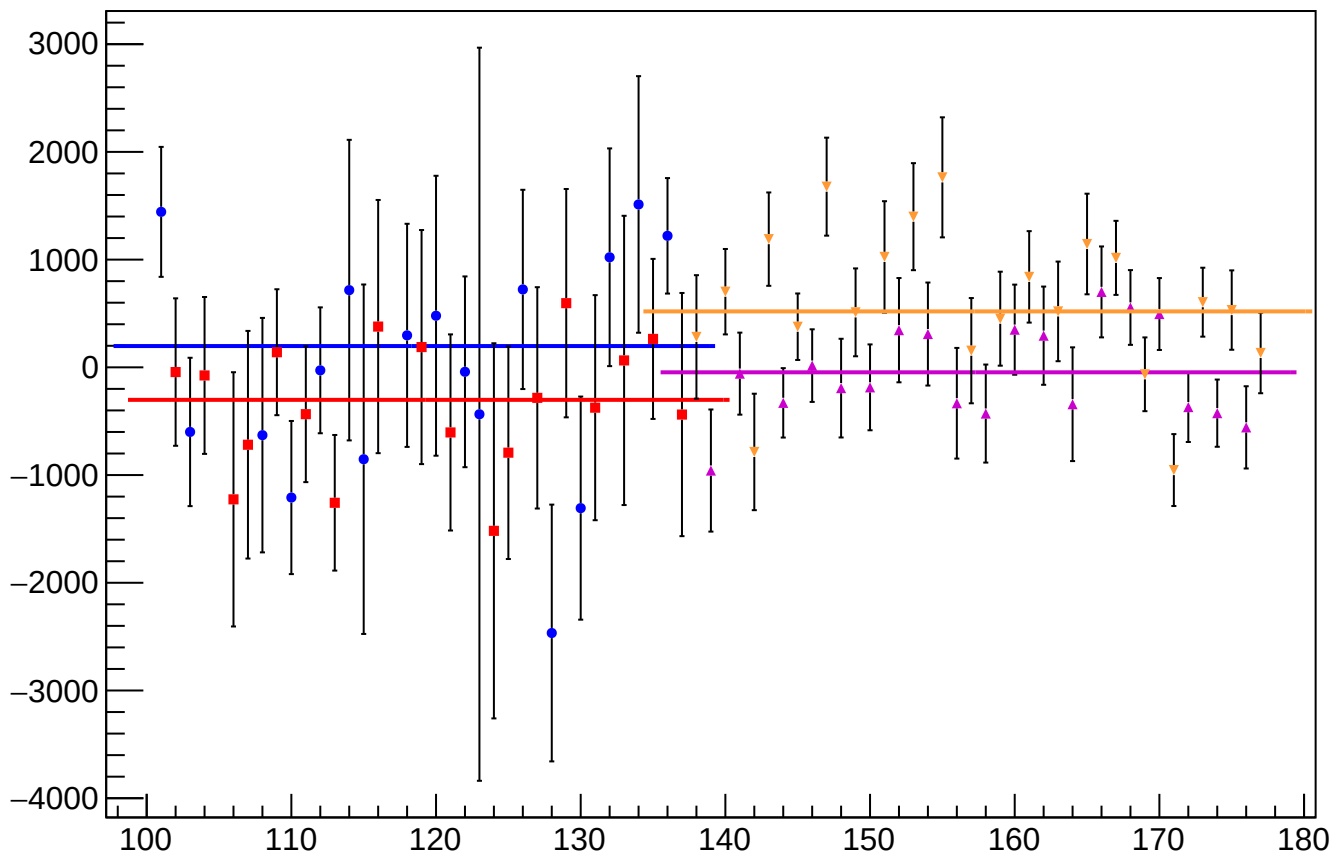
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 383.433+/-0.060 χ^2/NDF : 2608141.1/35

Out: 385.088+/-0.059 χ^2/NDF : 2803166.8/38

All: 384.283+/-0.042 χ^2/NDF : 5411695.2/74

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 519.308 $\pm$ 89.435 χ^2 /NDF:52.9/20

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -46.185 $\pm$ 91.115 χ^2 /NDF:20.6/18

Left: 241.823 $\pm$ 63.826 χ^2 /NDF: 93.2/39

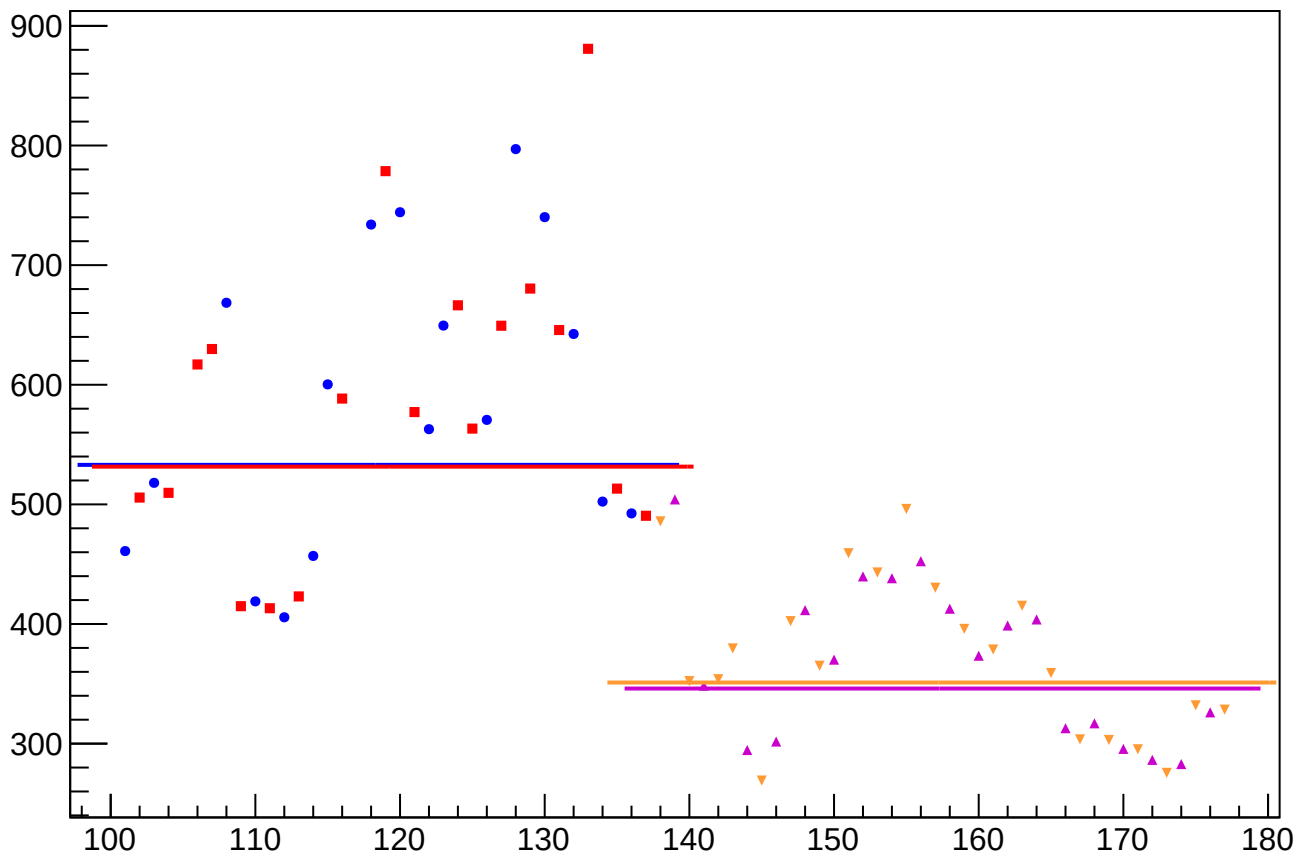
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -8.023 $\pm$ 83.679 χ^2 /NDF:45.7/35

Out: 388.756 $\pm$ 82.018 χ^2 /NDF:73.0/38

All: 194.343 $\pm$ 58.574 χ^2 /NDF: 130.2/74

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 351.082+/-0.063 χ^2/NDF : 958618.8/20

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 346.061+/-0.064 χ^2/NDF : 854103.4/18

Left: 348.618+/-0.045 χ^2/NDF : 1815814.9/39

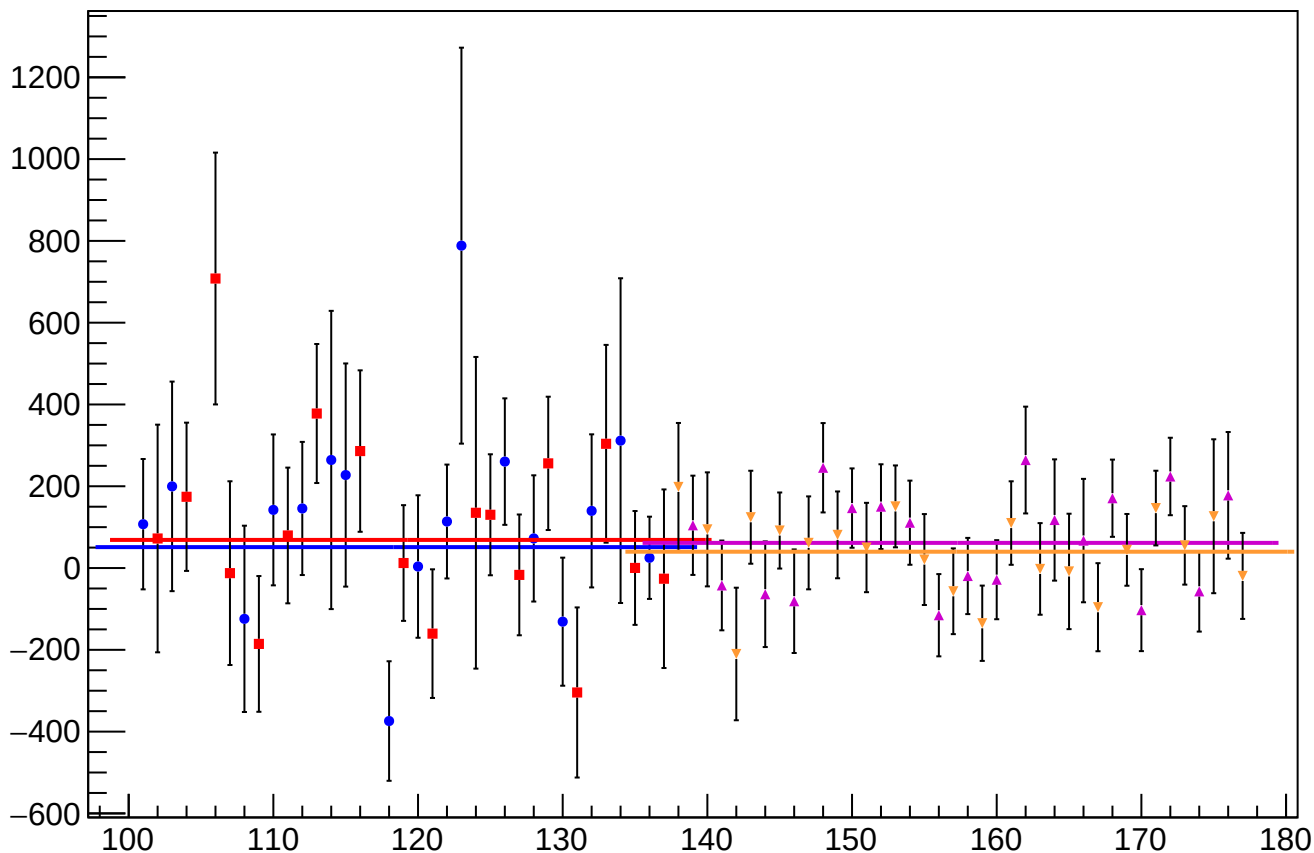
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.335+/-0.059 χ^2/NDF : 2739473.8/35

Out: 379.775+/-0.058 χ^2/NDF : 2851362.6/38

All: 377.599+/-0.041 χ^2/NDF : 5593708.8/74

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: 39.915 $\pm$ 23.891 χ^2 /NDF:14.6/20

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 61.540 $\pm$ 25.094 χ^2 /NDF:24.0/18

Left: 50.197 $\pm$ 17.303 χ^2 /NDF: 39.0/39

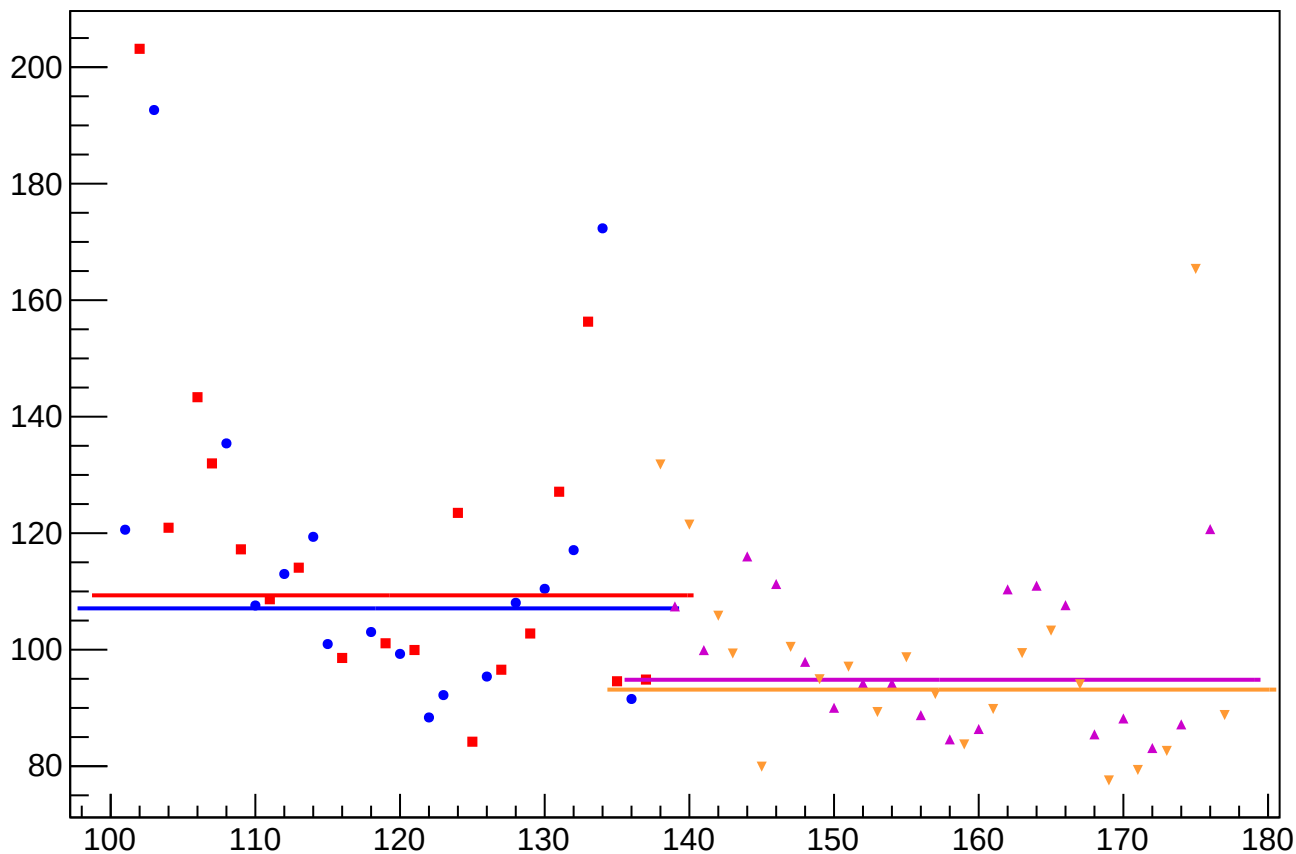
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 58.851 $\pm$ 21.597 χ^2 /NDF:41.5/35

Out: 46.771 $\pm$ 20.861 χ^2 /NDF:35.3/38

All: 52.602 $\pm$ 15.005 χ^2 /NDF: 76.9/74

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 93.147 $\pm$ 0.017 χ^2 /NDF: 753329.5/20

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 94.838 $\pm$ 0.018 χ^2 /NDF: 359972.1/18

Left: 93.951 $\pm$ 0.012 χ^2 /NDF: 1118065.7/39

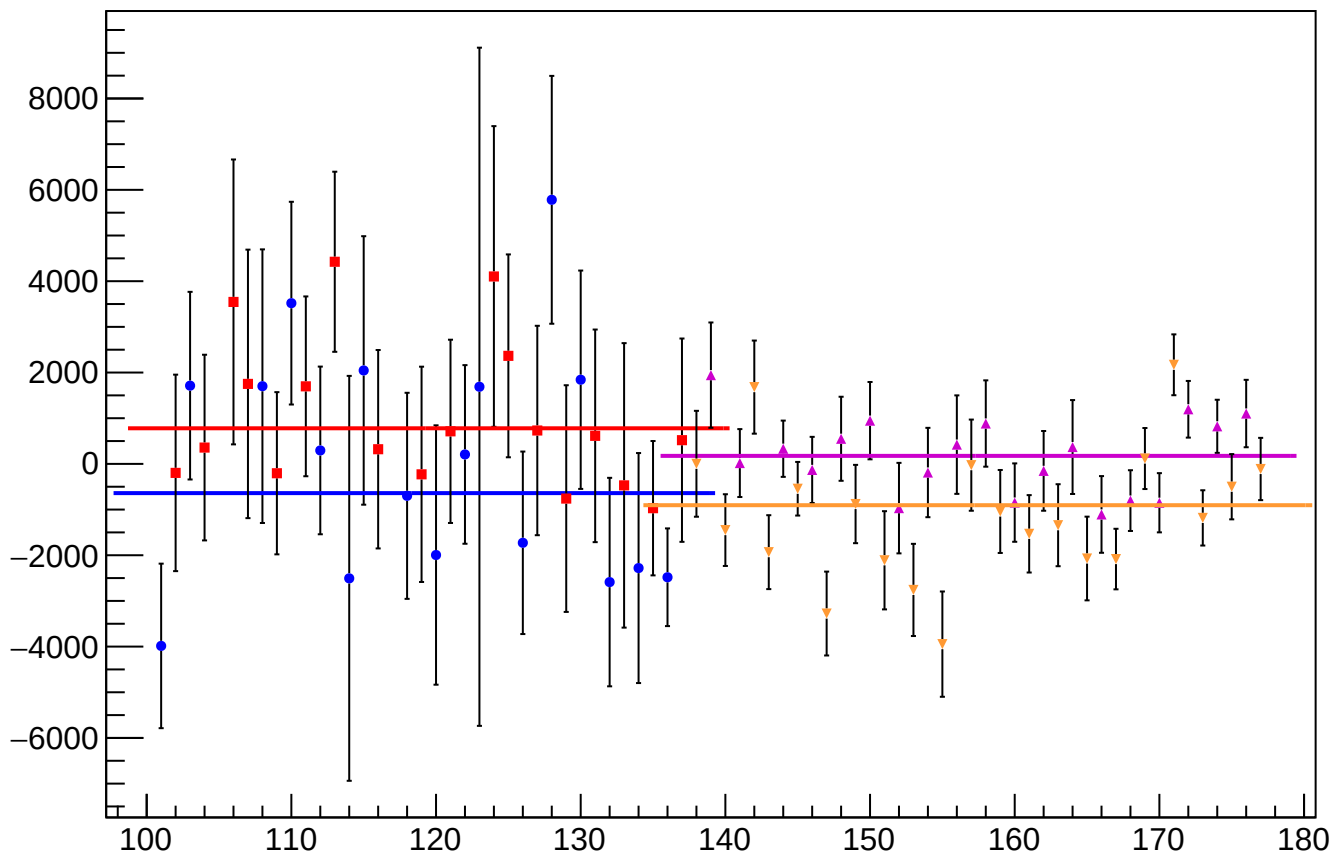
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 98.016 $\pm$ 0.015 χ^2 /NDF: 921407.0/35

Out: 96.991 $\pm$ 0.015 χ^2 /NDF: 1477302.1/38

All: 97.486 $\pm$ 0.011 χ^2 /NDF: 2401037.5/74

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: -904.416 $\pm$ 175.258 χ^2 /NDF:59.7/20

Right Out: 779.450 $\pm$ 516.450 χ^2 /NDF: 8.8/17

Left In: 175.584 $\pm$ 180.203 χ^2 /NDF:19.8/18

Left: -379.438 $\pm$ 125.638 χ^2 /NDF: 98.0/39

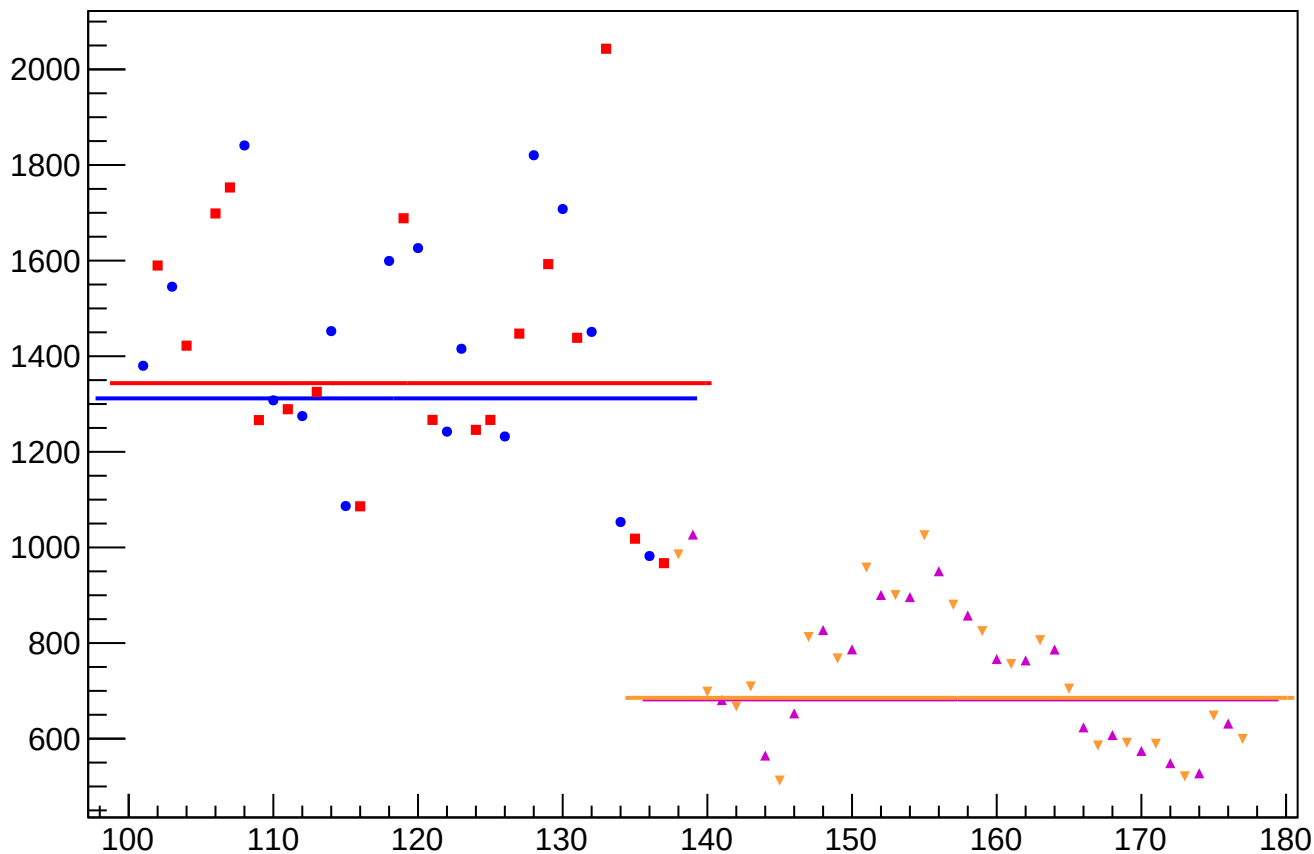
Right: 73.635 $\pm$ 366.171 χ^2 /NDF: 34.4/34

In: 87.929 $\pm$ 170.243 χ^2 /NDF:43.8/35

Out: -730.528 $\pm$ 165.962 χ^2 /NDF:78.0/38

All: -331.717 $\pm$ 118.838 χ^2 /NDF: 133.7/74

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 685.438 $\pm$ 0.124 χ^2 /NDF:1246004.0/20

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 682.123 $\pm$ 0.127 χ^2 /NDF:1111314.2/18

Left: 683.827 $\pm$ 0.089 χ^2 /NDF: 2357666.1/39

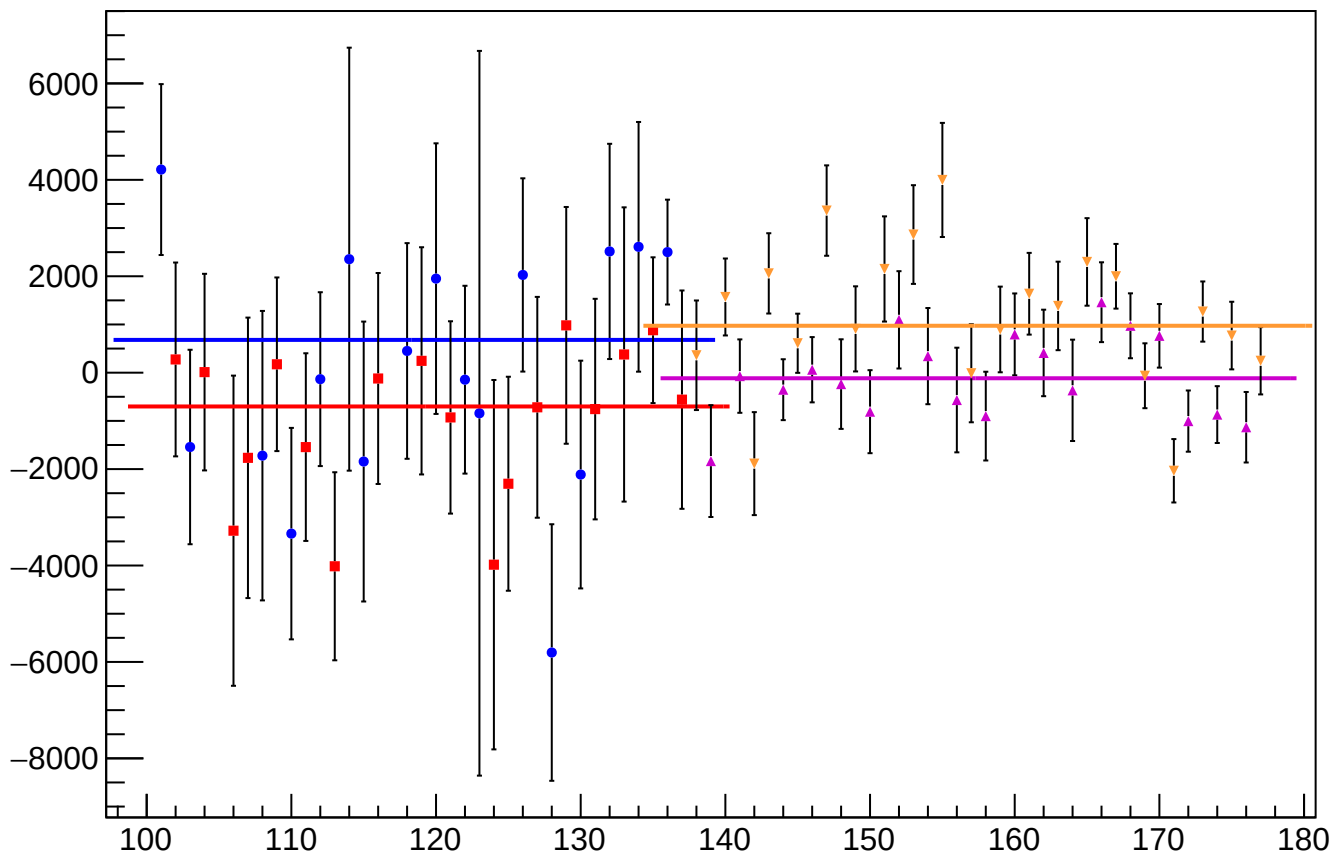
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 749.810 $\pm$ 0.120 χ^2 /NDF:4248930.7/35

Out: 753.411 $\pm$ 0.117 χ^2 /NDF:4620271.6/38

All: 751.656 $\pm$ 0.084 χ^2 /NDF: 8869661.3/74

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 973.255+/-177.698 χ^2/NDF :58.6/20

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -115.754+/-181.342 χ^2/NDF :20.7/18

Left: 439.801+/-126.920 χ^2/NDF : 97.7/39

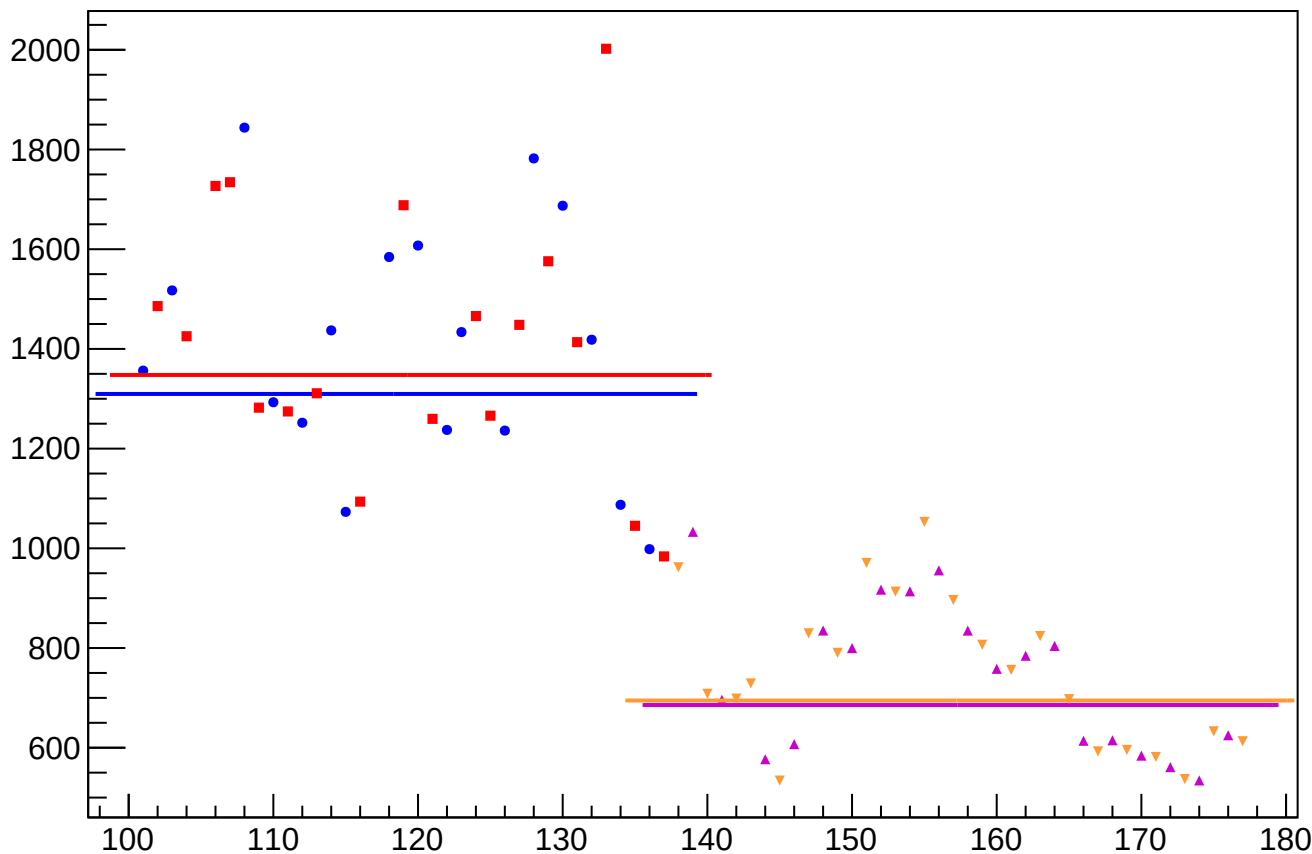
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: -28.737+/-171.139 χ^2/NDF :45.4/35

Out: 796.564+/-168.060 χ^2/NDF :75.6/38

All: 391.404+/-119.910 χ^2/NDF : 132.8/74

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Left: 690.293 +/- 0.090 χ^2/NDF : 2311494.7/39

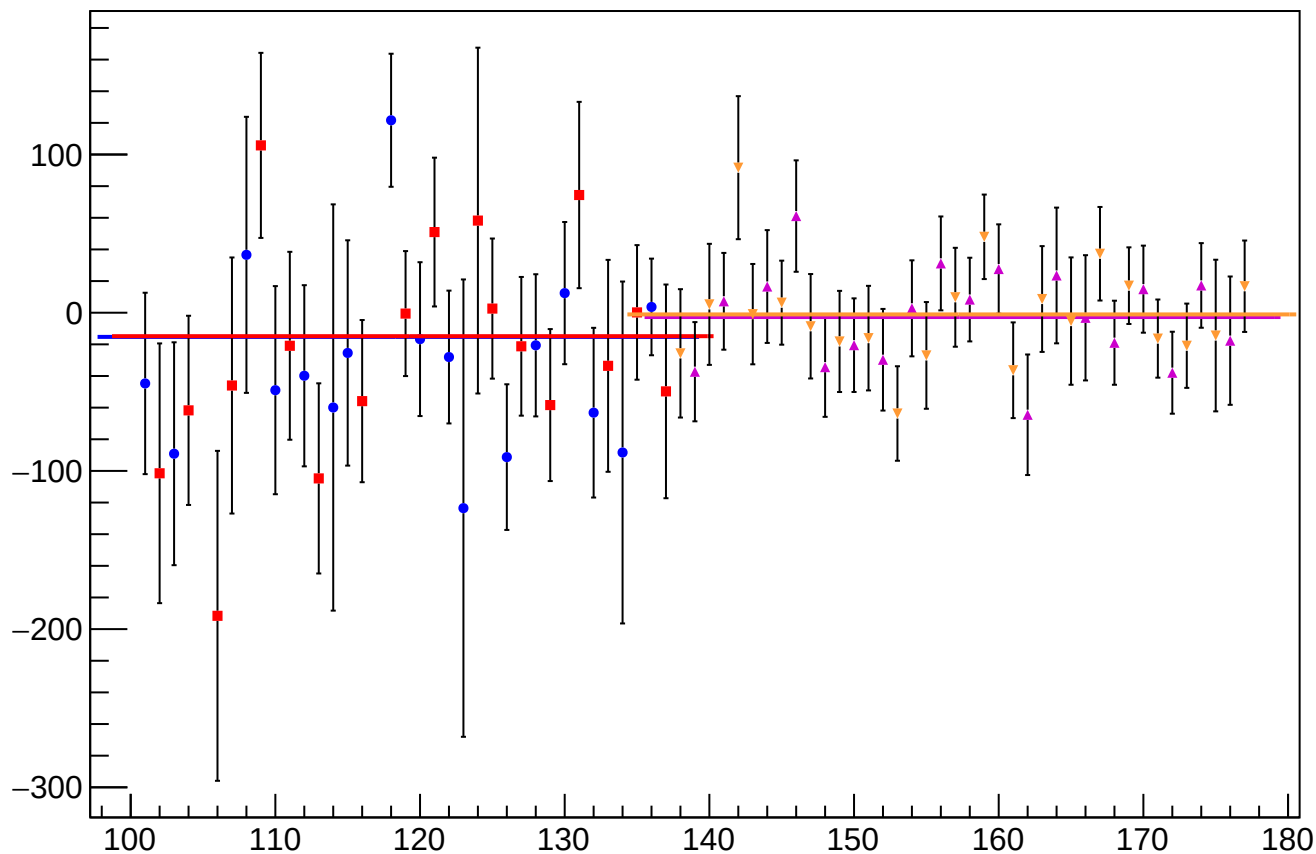
Right: 1328.718 +/- 0.259 χ^2/NDF : 870085.9/34

In: 753.917 +/- 0.121 χ^2/NDF : 4159163.0/35

Out: 763.645 +/- 0.119 χ^2/NDF : 4454806.4/38

All: 758.869 +/- 0.085 χ^2/NDF : 8617259.3/74

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: -1.075 ± 6.810 χ^2/NDF : 18.8/20

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -2.735 ± 7.105 χ^2/NDF : 16.0/18

Left: -1.870 ± 4.916 χ^2/NDF : 34.8/39

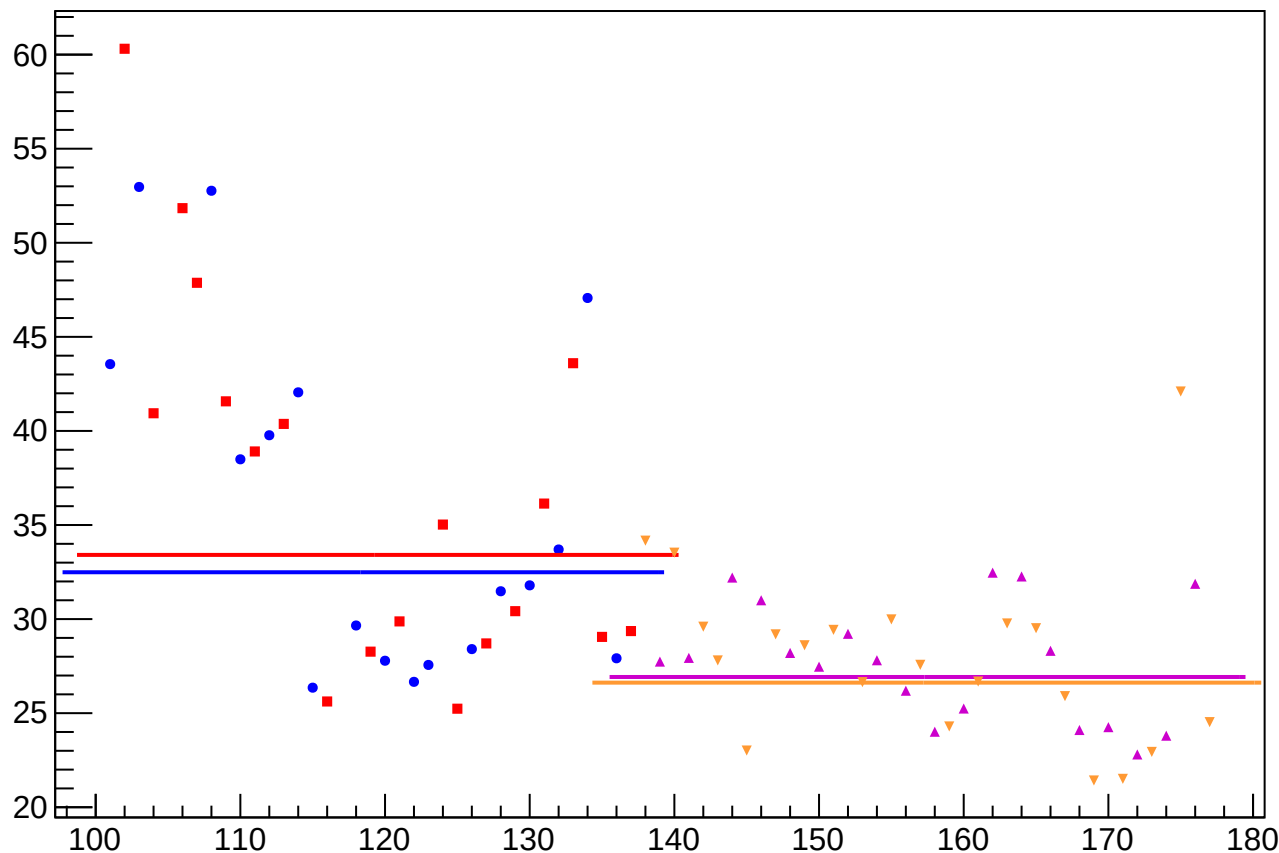
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.652 ± 6.224 χ^2/NDF : 35.0/35

Out: -4.004 ± 6.042 χ^2/NDF : 37.9/38

All: -4.804 ± 4.335 χ^2/NDF : 72.9/74

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2/NDF : 594480.9/16

Left Out: 26.623 $\pm$ 0.005 χ^2/NDF : 718234.1/20

Right Out: 33.411 $\pm$ 0.009 χ^2/NDF : 725189.8/17

Left In: 26.923 $\pm$ 0.005 χ^2/NDF : 347333.7/18

Left: 26.766 $\pm$ 0.003 χ^2/NDF : 1067432.1/39

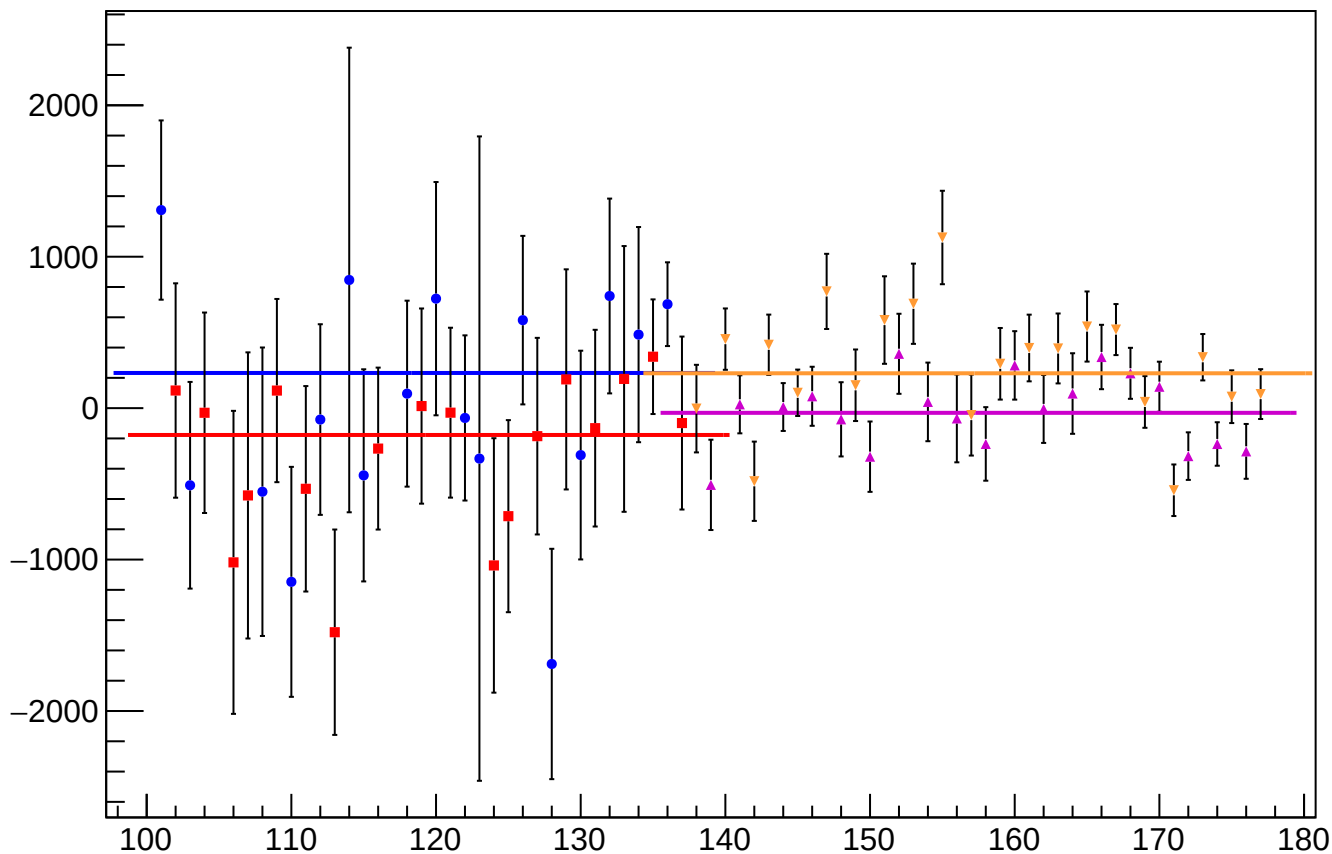
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 28.217 $\pm$ 0.004 χ^2/NDF : 1227257.9/35

Out: 28.067 $\pm$ 0.004 χ^2/NDF : 1866370.8/38

All: 28.140 $\pm$ 0.003 χ^2/NDF : 3094227.4/74

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: 230.217 $\pm$ 44.897 χ^2 /NDF:59.4/20

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -30.945 $\pm$ 46.366 χ^2 /NDF:23.6/18

Left: 103.839 $\pm$ 32.254 χ^2 /NDF: 99.3/39

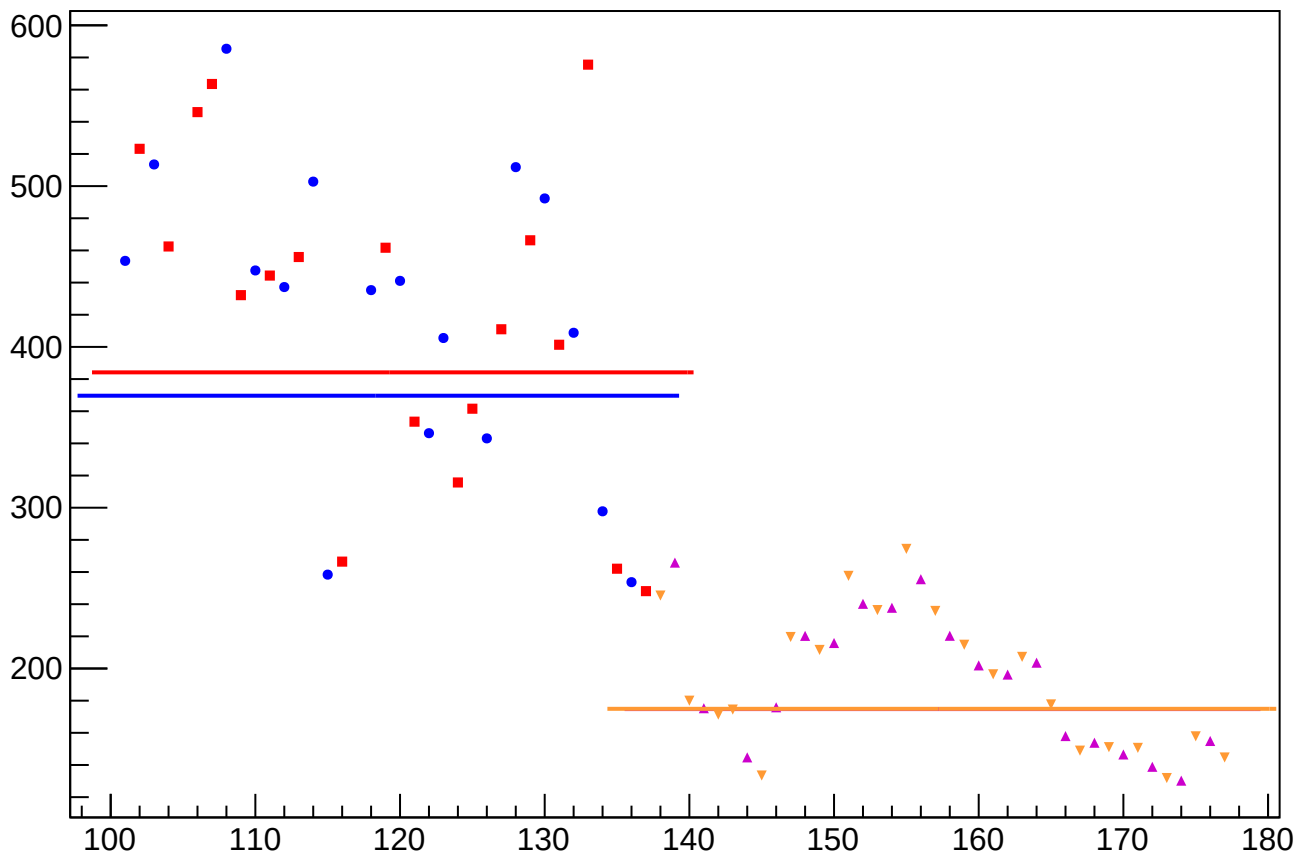
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: -7.589 $\pm$ 44.262 χ^2 /NDF:47.9/35

Out: 196.723 $\pm$ 43.012 χ^2 /NDF:75.7/38

All: 97.493 $\pm$ 30.847 χ^2 /NDF: 134.6/74

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: 174.931+/-0.032 χ^2/NDF : 1449925.7/20

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 174.767+/-0.033 χ^2/NDF : 1349853.8/18

Left: 174.852+/-0.023 χ^2/NDF : 2799792.5/39

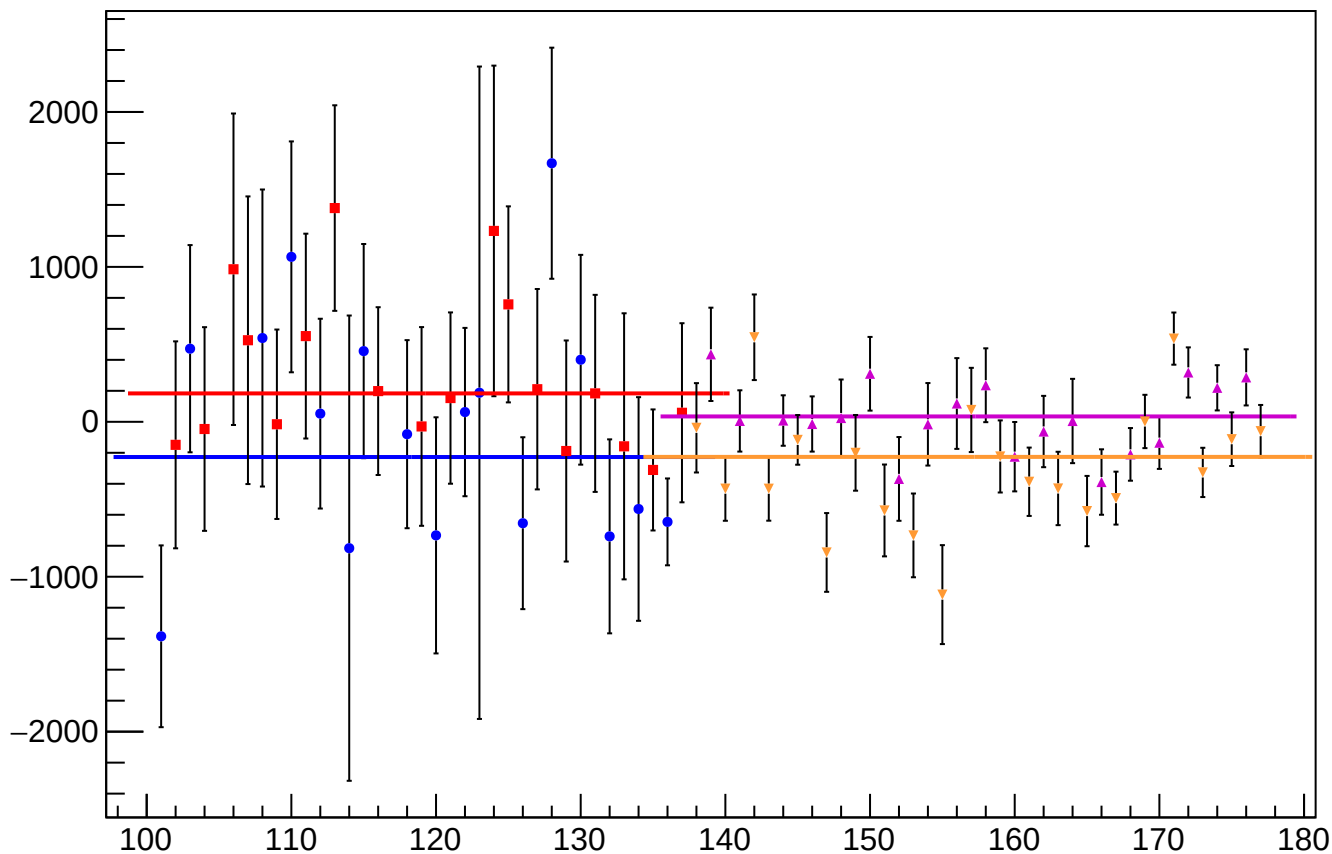
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 192.055+/-0.031 χ^2/NDF : 5387021.2/35

Out: 192.135+/-0.030 χ^2/NDF : 5896474.1/38

All: 192.096+/-0.022 χ^2/NDF : 11283498.7/74

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -226.445 ± 45.704 χ^2/NDF : 60.6/20

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 34.703 ± 46.805 χ^2/NDF : 21.5/18

Left: -98.978 ± 32.700 χ^2/NDF : 98.1/39

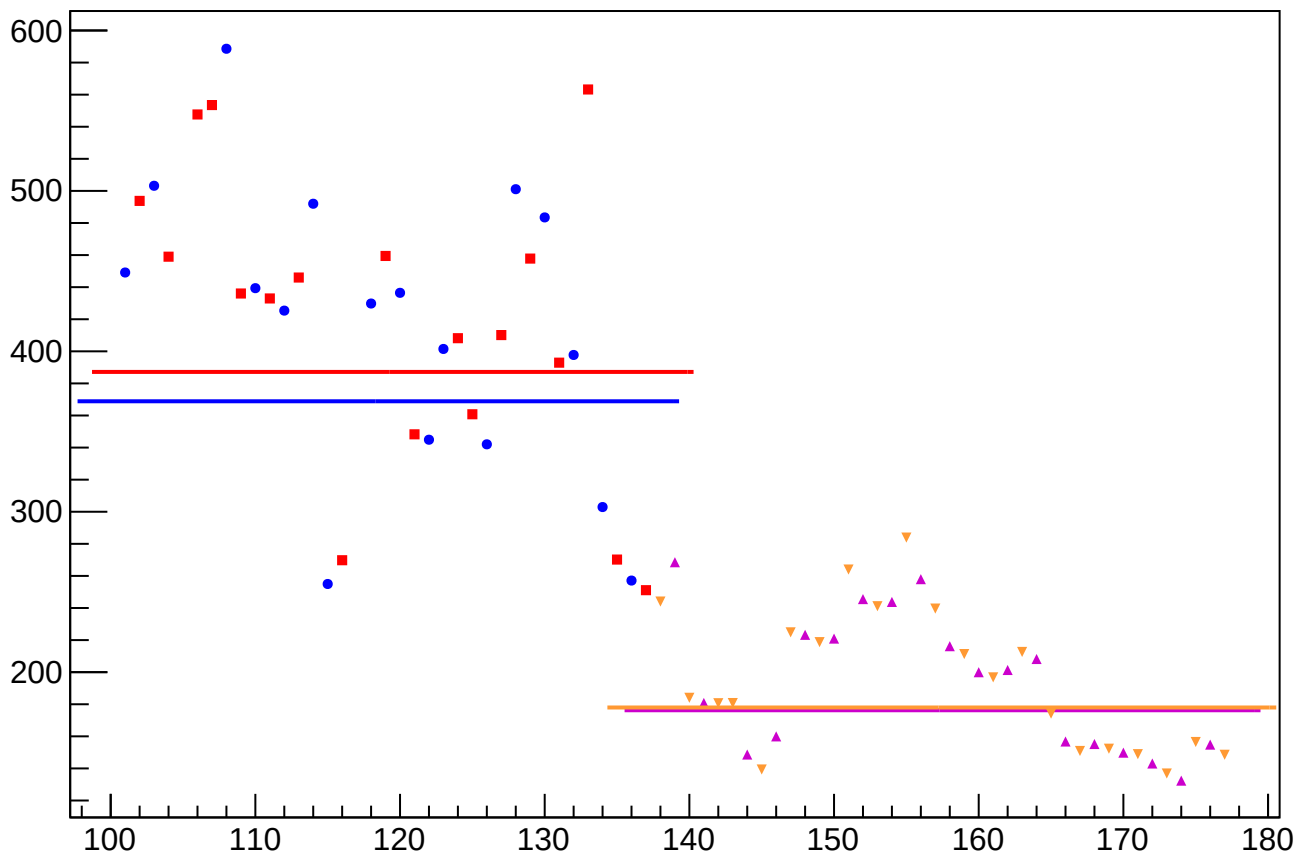
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: 10.861 ± 44.624 χ^2/NDF : 46.2/35

Out: -191.841 ± 43.731 χ^2/NDF : 76.2/38

All: -92.538 ± 31.234 χ^2/NDF : 133.0/74

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: 177.983 $\pm$ 0.032 χ^2/NDF :1425891.1/20

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 176.261 $\pm$ 0.033 χ^2/NDF :1339624.2/18

Left: 177.142 $\pm$ 0.023 χ^2/NDF : 2766901.3/39

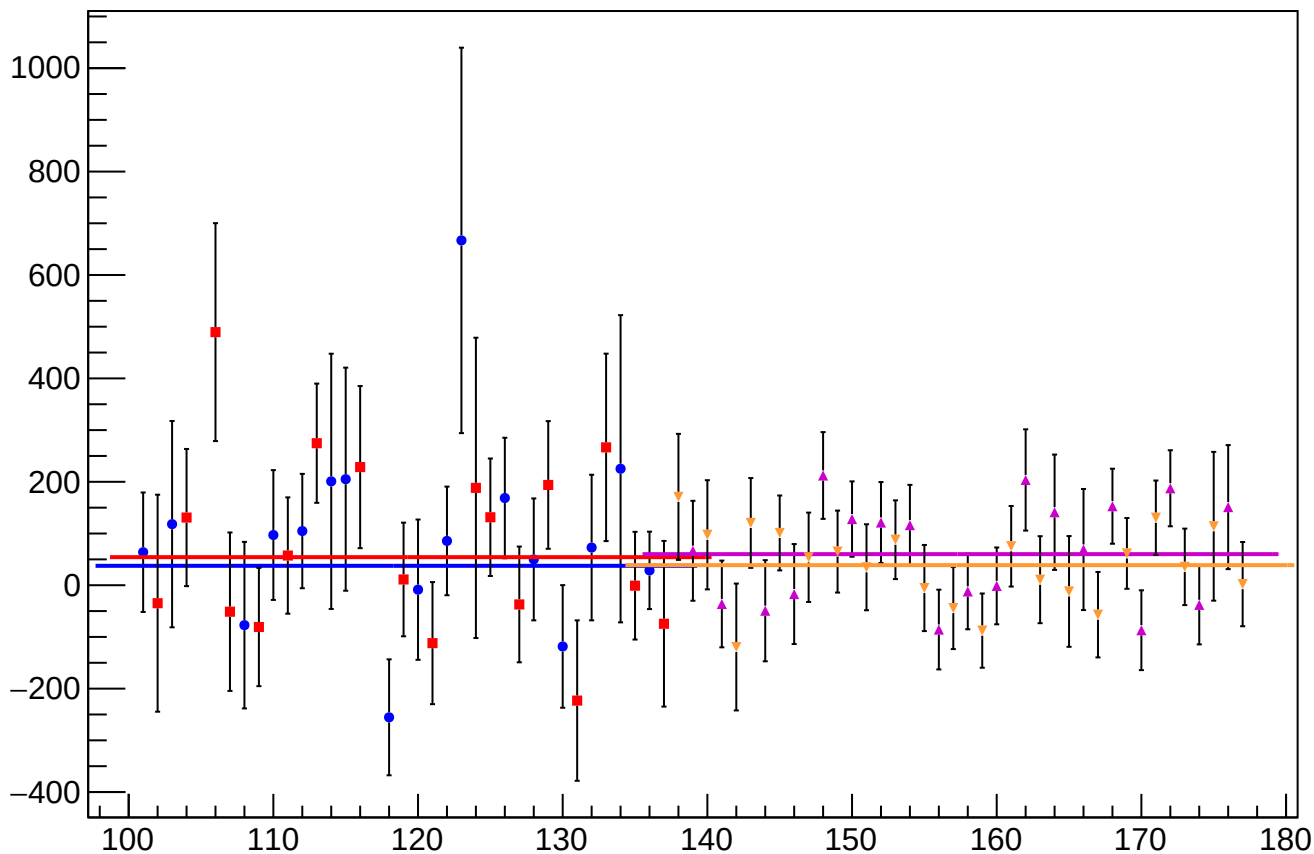
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 193.789 $\pm$ 0.032 χ^2/NDF :5251450.0/35

Out: 195.648 $\pm$ 0.031 χ^2/NDF :5722074.6/38

All: 194.737 $\pm$ 0.022 χ^2/NDF : 10975295.8/74

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: 38.816 $\pm$ 18.310 χ^2 /NDF:13.9/20

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 60.092 $\pm$ 19.259 χ^2 /NDF:26.9/18

Left: 48.917 $\pm$ 13.270 χ^2 /NDF: 41.5/39

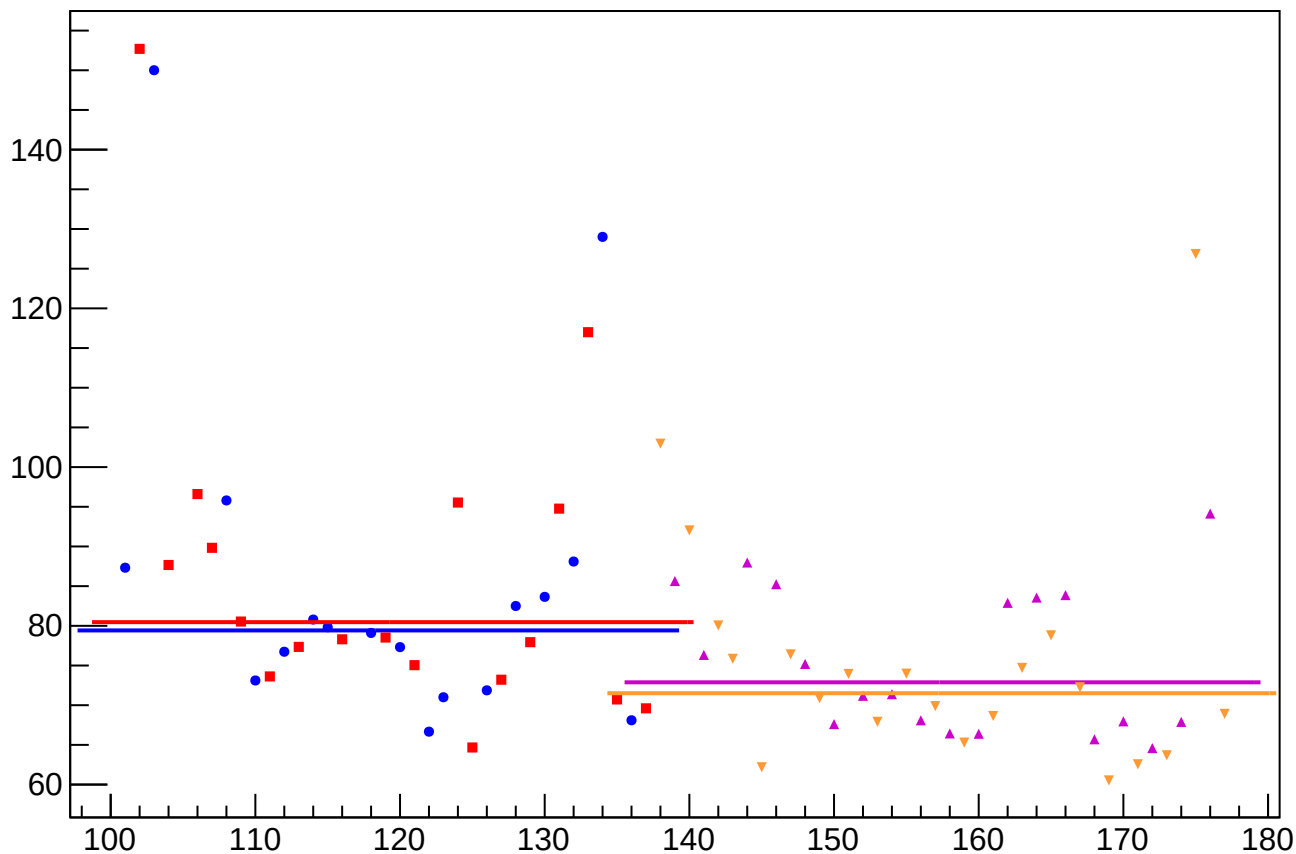
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 53.943 $\pm$ 16.426 χ^2 /NDF:43.1/35

Out: 42.721 $\pm$ 15.829 χ^2 /NDF:35.9/38

All: 48.125 $\pm$ 11.398 χ^2 /NDF: 79.3/74

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: 71.507 $\pm$ 0.013 χ^2 /NDF: 704760.8/20

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 72.883 $\pm$ 0.014 χ^2 /NDF: 351990.1/18

Left: 72.160 $\pm$ 0.009 χ^2 /NDF: 1062114.9/39

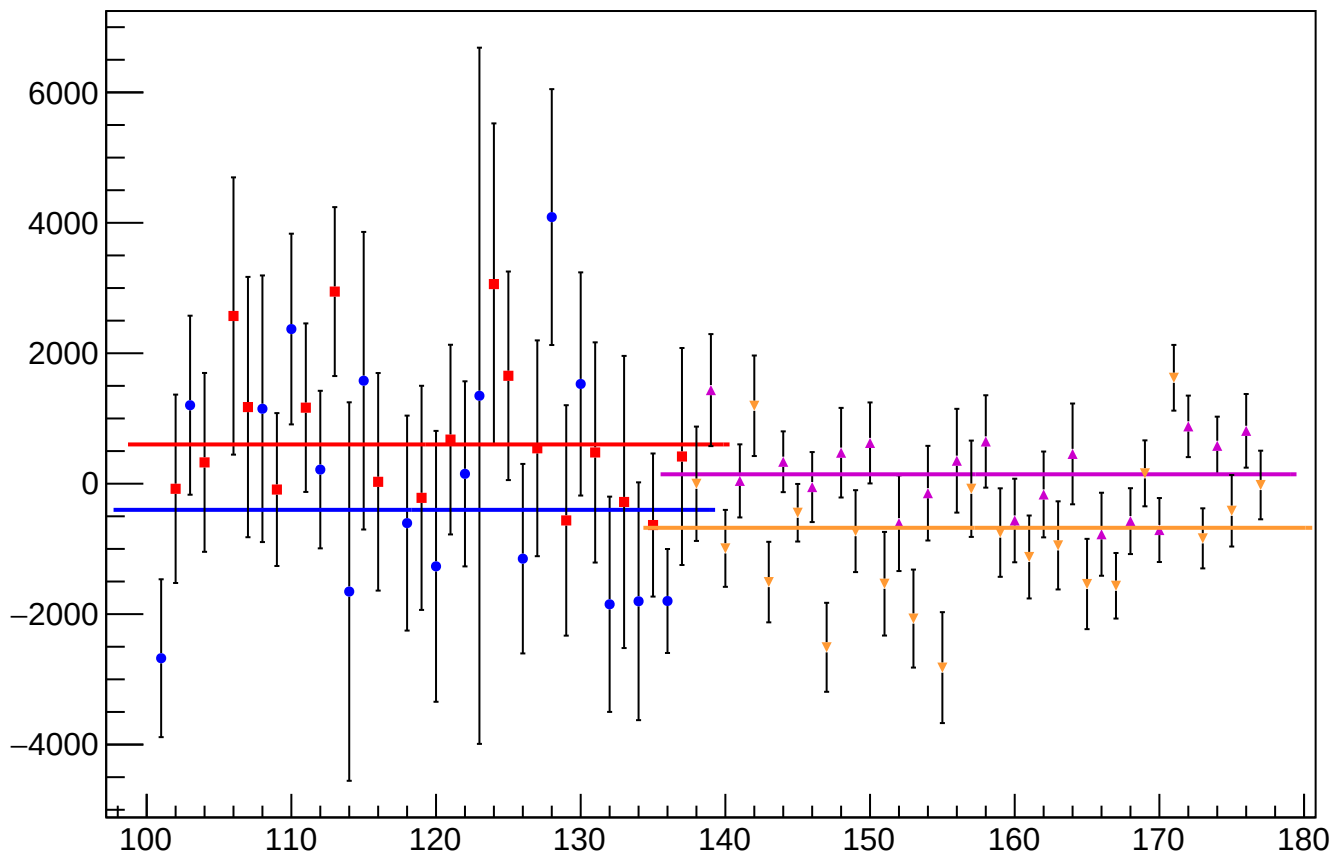
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 74.665 $\pm$ 0.012 χ^2 /NDF: 853876.0/35

Out: 73.770 $\pm$ 0.011 χ^2 /NDF: 1280114.1/38

All: 74.201 $\pm$ 0.008 χ^2 /NDF: 2137068.7/74

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: -676.394 $\pm$ 132.164 χ^2/NDF : 58.5/20

Right Out: 601.891 $\pm$ 363.668 χ^2/NDF : 8.7/17

Left In: 144.113 $\pm$ 135.753 χ^2/NDF : 18.7/18

Left: -277.130 $\pm$ 94.697 χ^2/NDF : 96.0/39

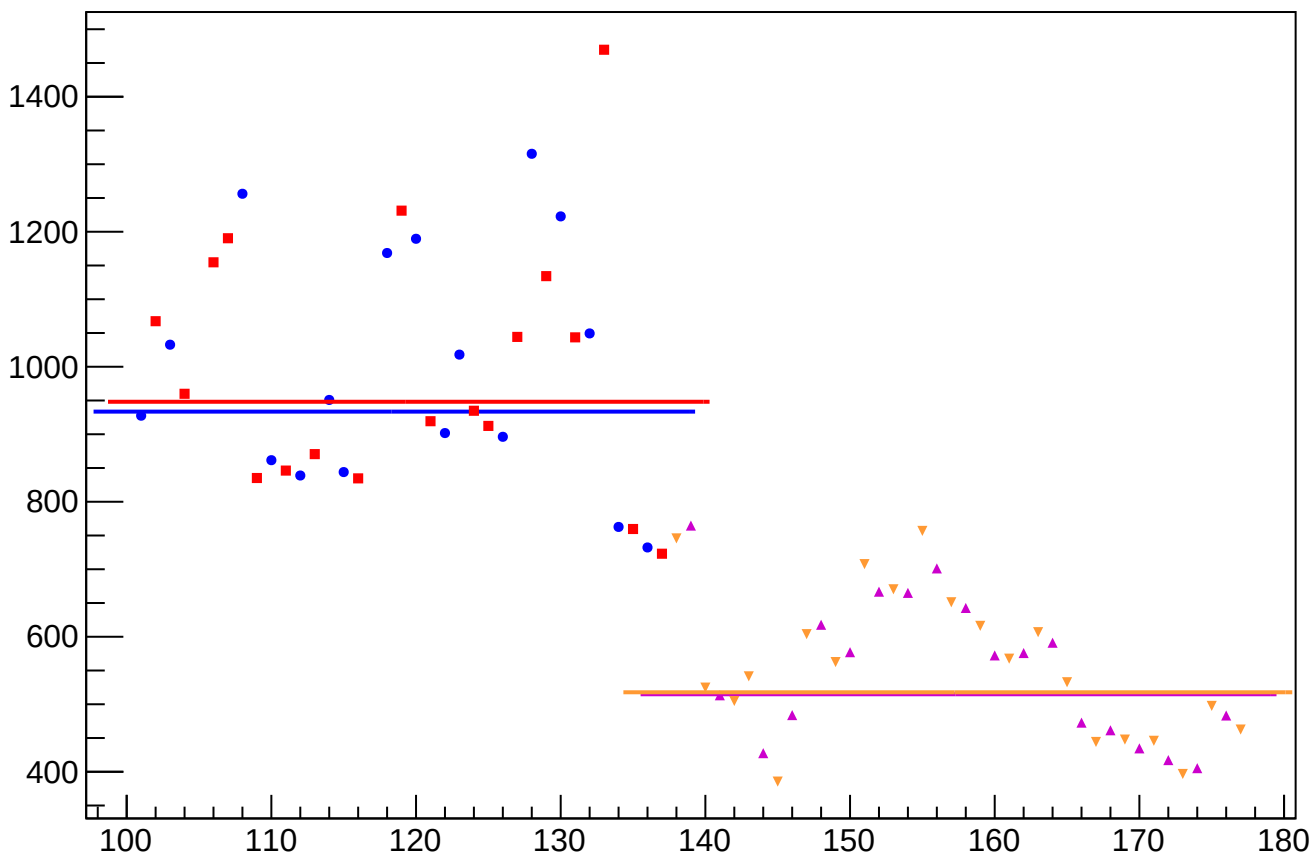
Right: 107.014 $\pm$ 258.836 χ^2/NDF : 34.4/34

In: 78.962 $\pm$ 127.383 χ^2/NDF : 42.6/35

Out: -527.262 $\pm$ 124.215 χ^2/NDF : 78.1/38

All: -231.782 $\pm$ 88.932 χ^2/NDF : 132.3/74

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: 517.748 $\pm$ 0.093 χ^2 /NDF: 1155271.5/20

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 514.814 $\pm$ 0.096 χ^2 /NDF: 1006781.6/18

Left: 516.320 $\pm$ 0.067 χ^2 /NDF: 2162532.7/39

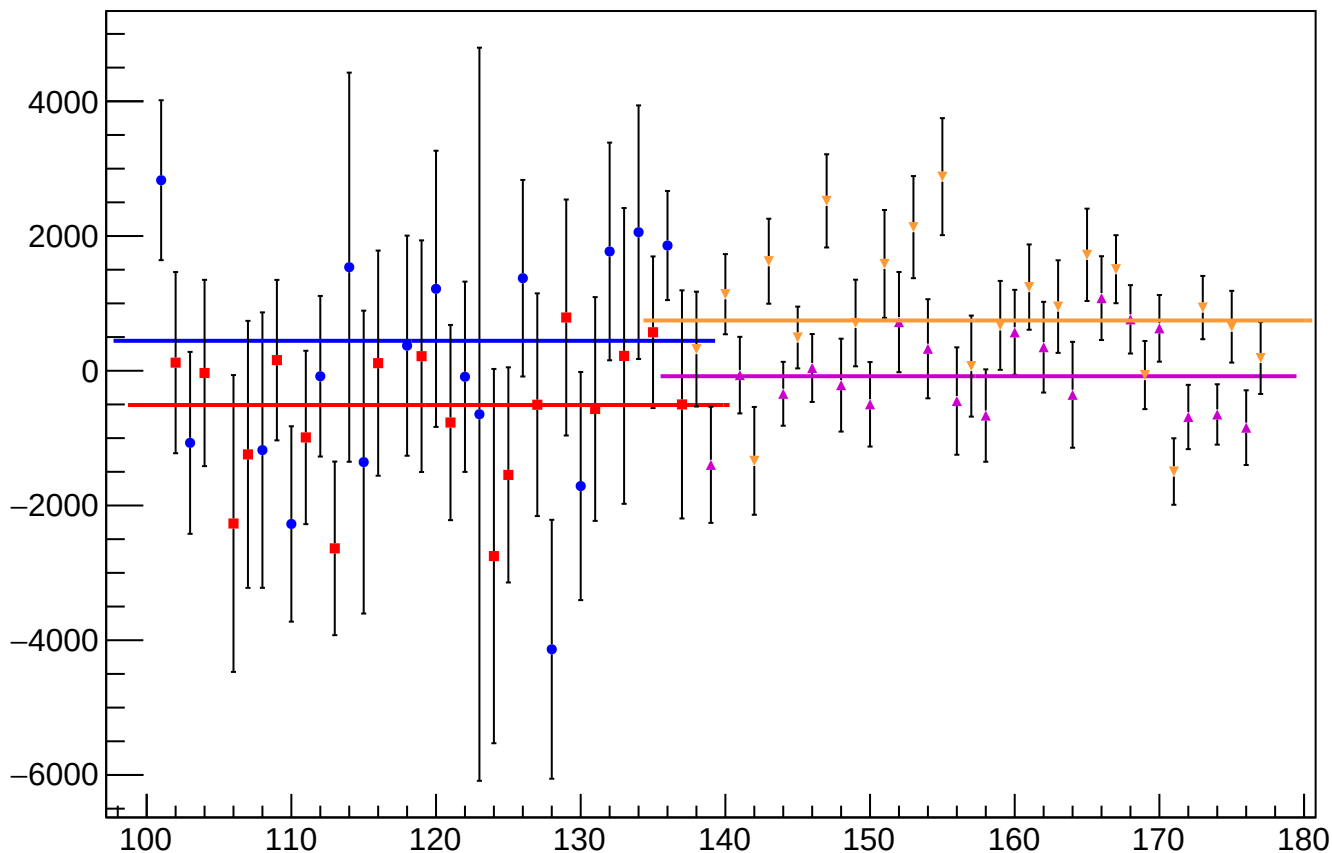
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 564.854 $\pm$ 0.090 χ^2 /NDF: 3722987.9/35

Out: 567.959 $\pm$ 0.088 χ^2 /NDF: 4034752.4/38

All: 566.445 $\pm$ 0.063 χ^2 /NDF: 7758349.4/74

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 746.625+/-133.045 χ^2/NDF : 57.1/20

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -81.101+/-135.671 χ^2/NDF : 20.6/18

Left: 340.849+/-94.992 χ^2/NDF : 96.7/39

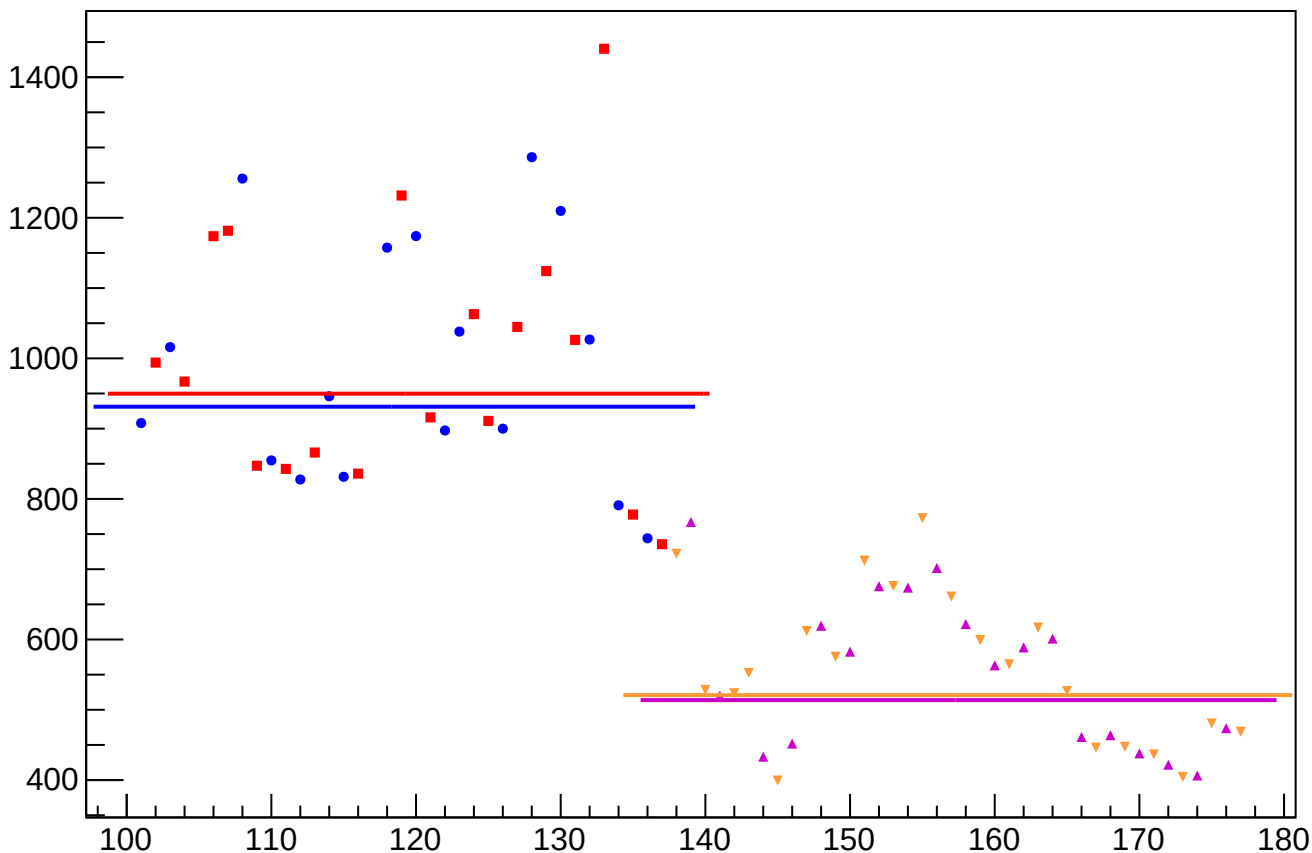
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -17.918+/-127.258 χ^2/NDF : 45.3/35

Out: 598.819+/-124.964 χ^2/NDF : 74.9/38

All: 296.059+/-89.163 χ^2/NDF : 132.1/74

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 520.877+/-0.094 χ^2/NDF :1117439.0/20

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 513.765+/-0.096 χ^2/NDF :1024357.8/18

Left: 517.391+/-0.067 χ^2/NDF : 2144598.8/39

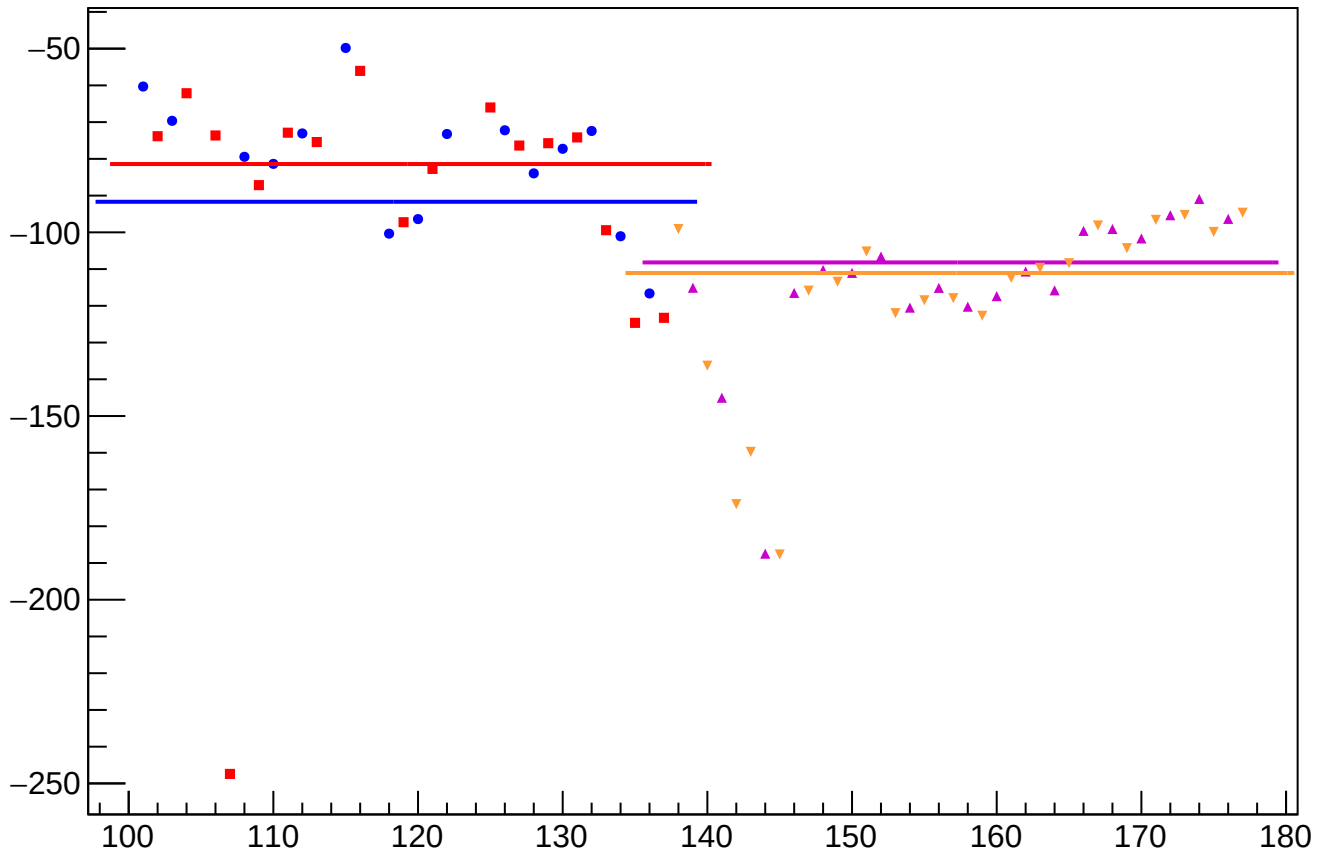
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 563.930+/-0.090 χ^2/NDF :3699932.7/35

Out: 571.392+/-0.088 χ^2/NDF :3930757.3/38

All: 567.729+/-0.063 χ^2/NDF : 7634191.6/74

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -111.057 ± 0.058 χ^2/NDF : 56960.0/20

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -108.193 ± 0.050 χ^2/NDF : 105958.6/18

Left: -109.418 ± 0.038 χ^2/NDF : 164328.2/39

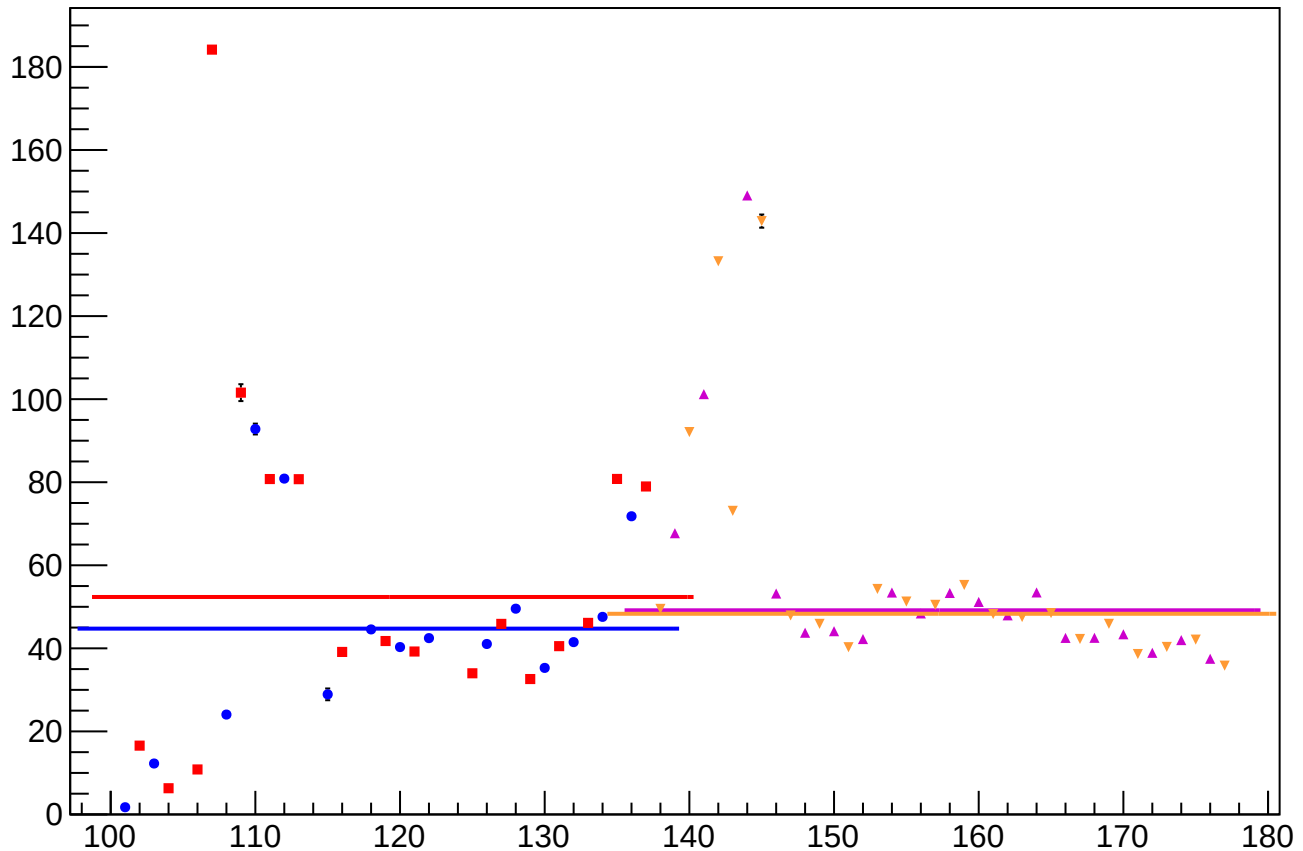
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.644 ± 0.041 χ^2/NDF : 207390.8/33

Out: -103.477 ± 0.050 χ^2/NDF : 166162.0/37

All: -102.977 ± 0.031 χ^2/NDF : 373720.8/71

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 48.320+/-0.048 χ^2/NDF :58732.4/20

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 49.159+/-0.044 χ^2/NDF :139358.2/18

Left: 48.772+/-0.032 χ^2/NDF : 198257.2/39

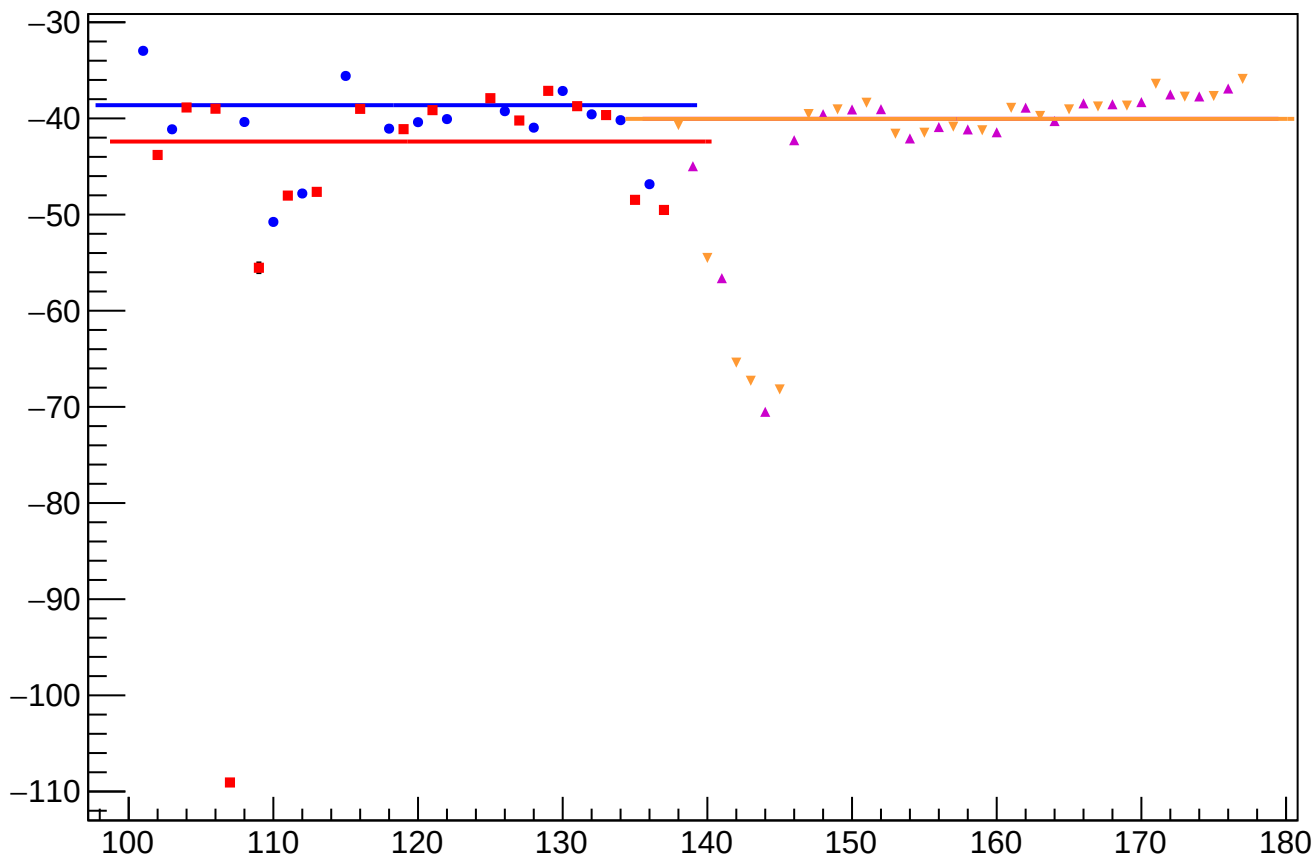
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 47.628+/-0.036 χ^2/NDF :227525.2/33

Out: 48.936+/-0.044 χ^2/NDF :129113.2/37

All: 48.148+/-0.028 χ^2/NDF : 357172.7/71

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.048 ± 0.007 $\chi^2/\text{NDF}: 245054.0/20$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.046 ± 0.008 $\chi^2/\text{NDF}: 185284.7/18$

Left: -40.047 ± 0.005 $\chi^2/\text{NDF}: 430338.8/39$

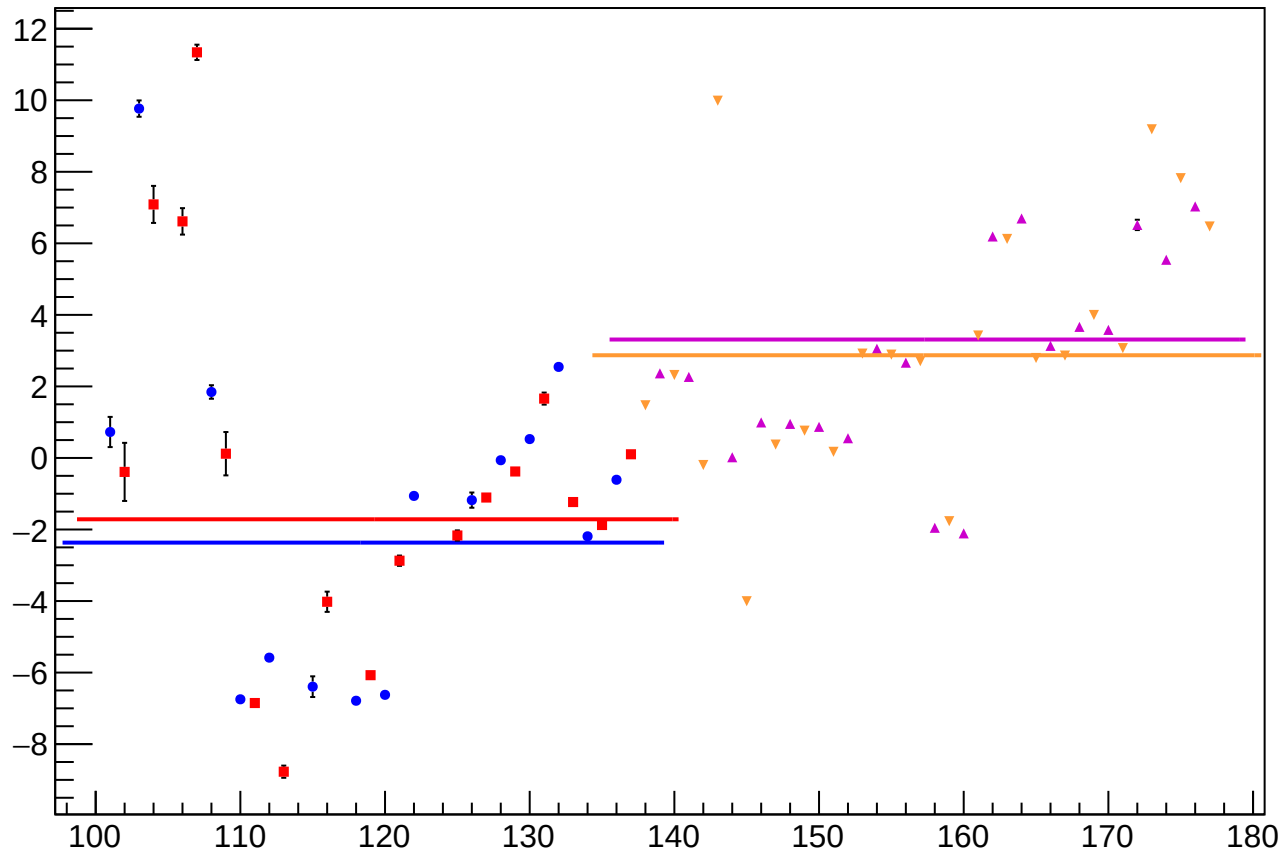
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.374 ± 0.006 $\chi^2/\text{NDF}: 440944.0/33$

Out: -40.292 ± 0.007 $\chi^2/\text{NDF}: 525194.1/37$

All: -39.749 ± 0.004 $\chi^2/\text{NDF}: 976794.1/71$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.871 ± 0.008 $\chi^2/\text{NDF}: 121939.9/20$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 3.311 ± 0.006 $\chi^2/\text{NDF}: 183684.2/18$

Left: 3.135 ± 0.005 $\chi^2/\text{NDF}: 307577.2/39$

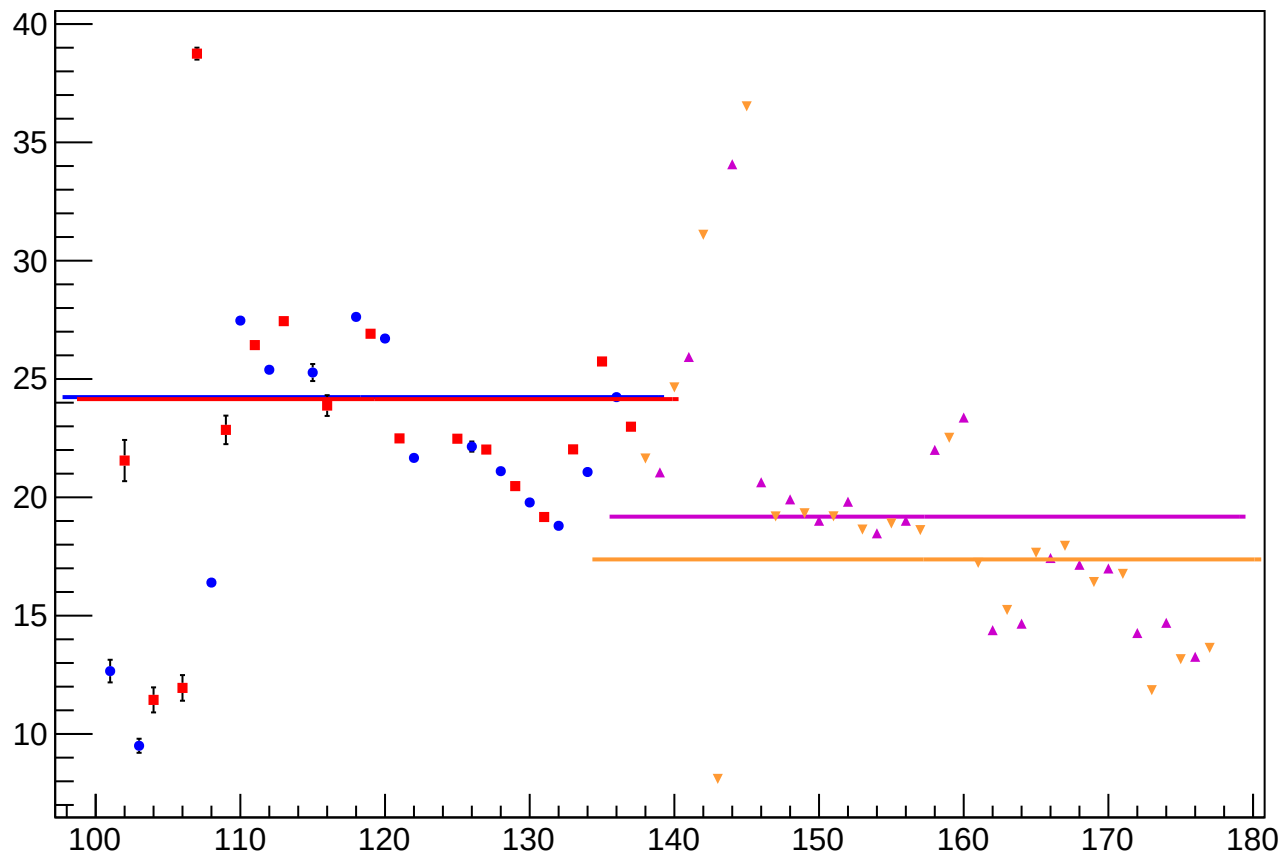
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 2.364 ± 0.006 $\chi^2/\text{NDF}: 348077.7/33$

Out: 2.526 ± 0.007 $\chi^2/\text{NDF}: 161357.6/37$

All: 2.425 ± 0.005 $\chi^2/\text{NDF}: 509736.4/71$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 17.377 $\pm$ 0.008 χ^2 /NDF:145511.4/20

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.183 $\pm$ 0.008 χ^2 /NDF:146390.6/18

Left: 18.264 $\pm$ 0.005 χ^2 /NDF: 319536.0/39

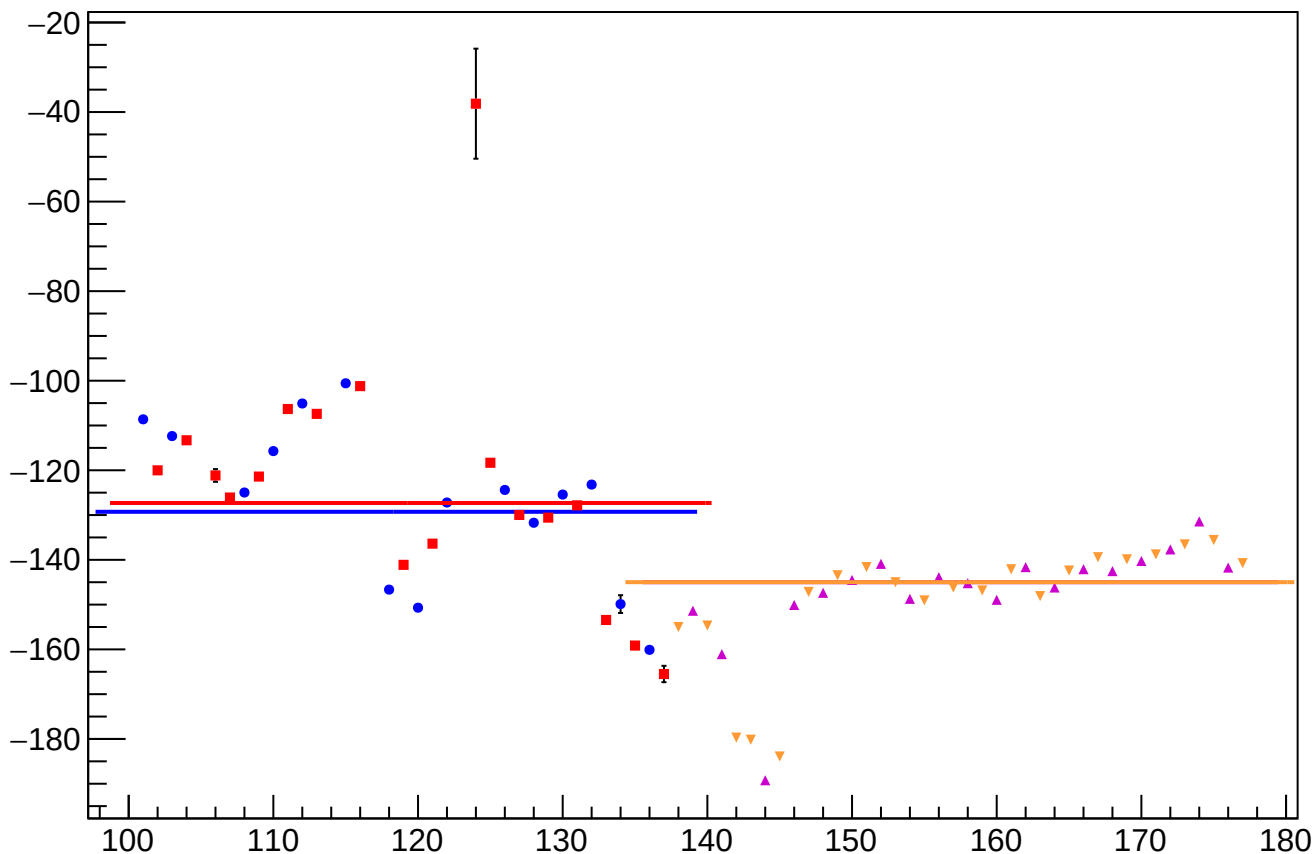
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.741 $\pm$ 0.007 χ^2 /NDF:215100.9/33

Out: 17.979 $\pm$ 0.007 χ^2 /NDF:229105.2/37

All: 18.855 $\pm$ 0.005 χ^2 /NDF: 473373.5/71

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.989 ± 0.047 χ^2/NDF : 41599.7/20

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.991 ± 0.049 χ^2/NDF : 32260.8/18

Left: -144.990 ± 0.034 χ^2/NDF : 73860.6/39

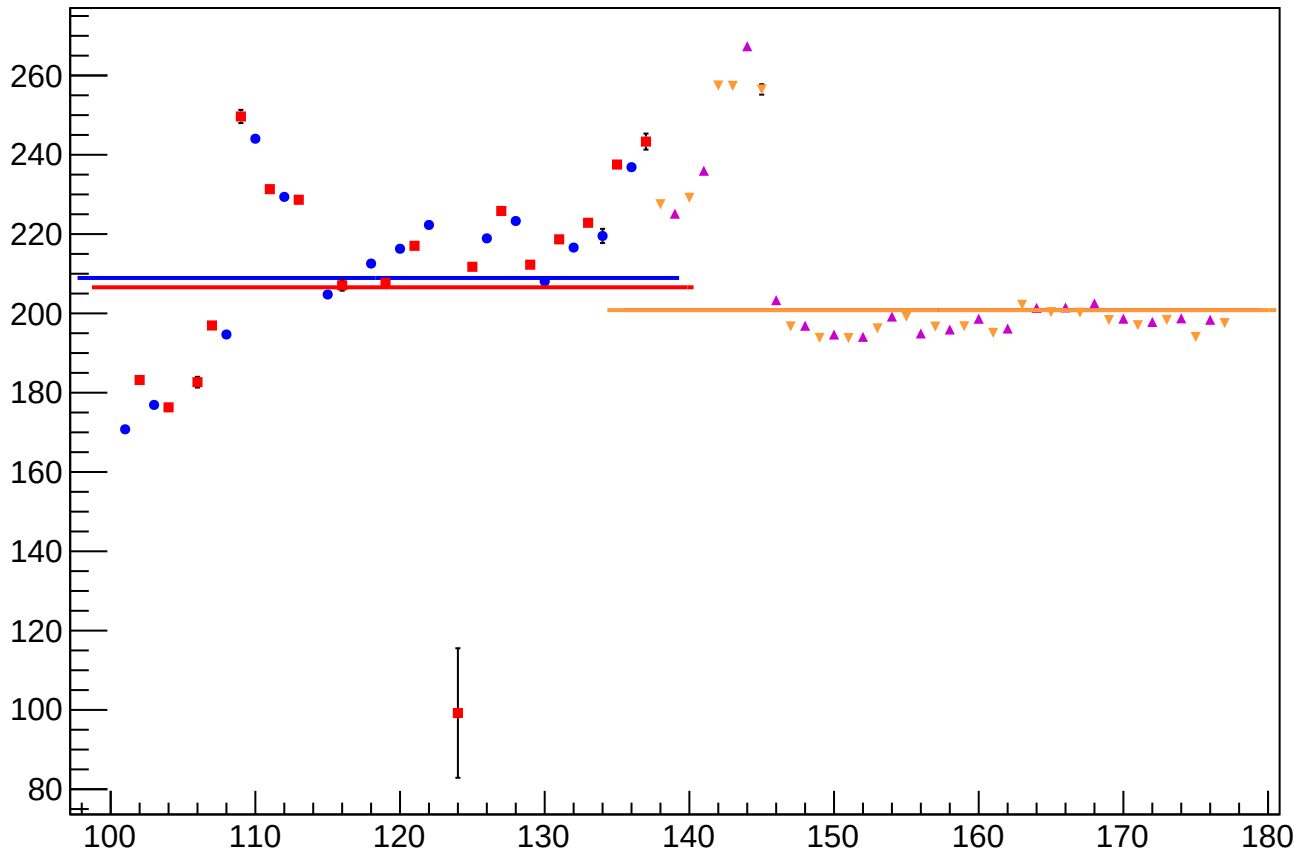
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.267 ± 0.043 χ^2/NDF : 91841.6/33

Out: -140.742 ± 0.041 χ^2/NDF : 104628.4/38

All: -140.995 ± 0.030 χ^2/NDF : 196548.0/72

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934+/-0.089 χ^2/NDF : 44684.8/14

Left Out: 200.822+/-0.040 χ^2/NDF :107739.9/20

Right Out: 206.581+/-0.083 χ^2/NDF : 48210.8/17

Left In: 200.846+/-0.042 χ^2/NDF :77005.3/18

Left: 200.833+/-0.029 χ^2/NDF : 184745.4/39

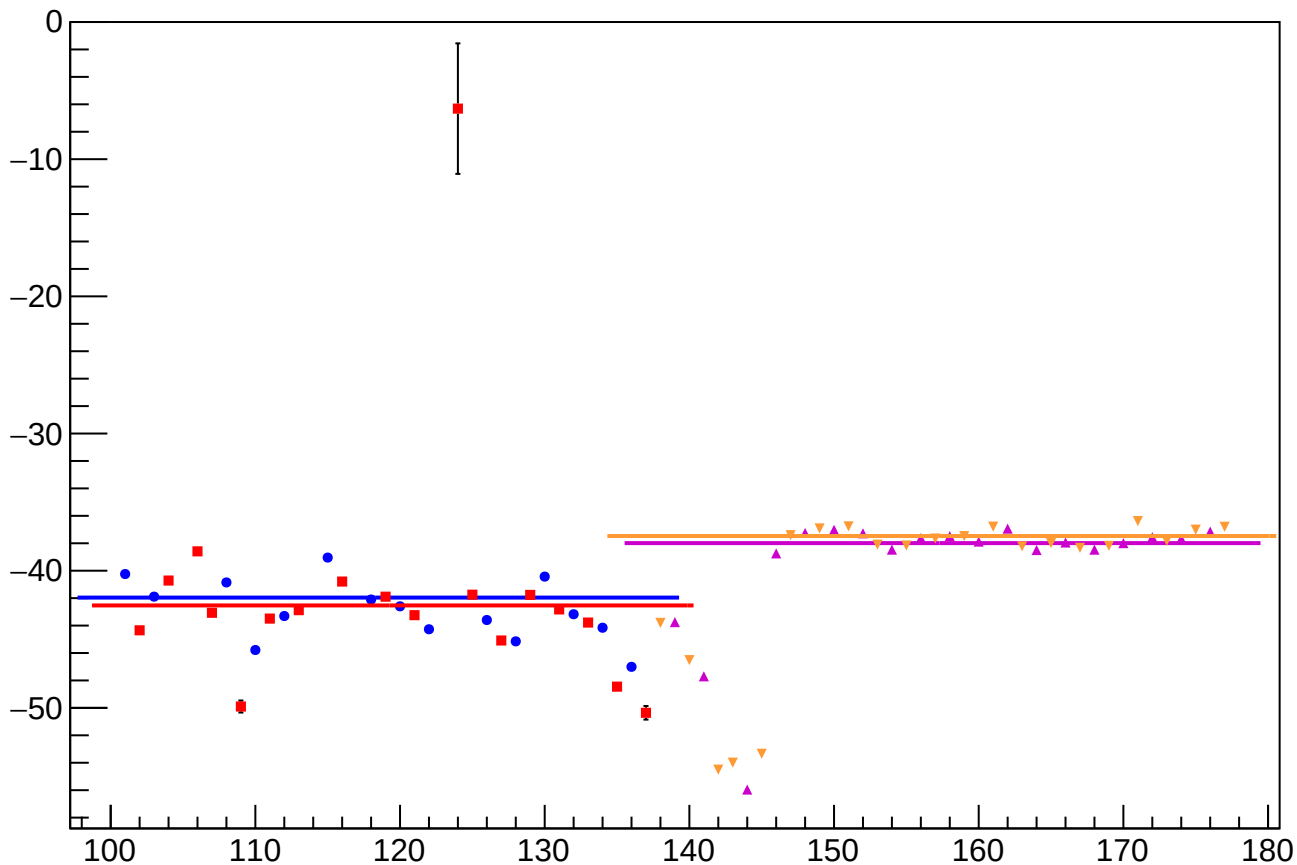
Right: 207.675+/-0.061 χ^2/NDF : 93267.6/32

In: 202.340+/-0.038 χ^2/NDF :128392.2/33

Out: 201.904+/-0.036 χ^2/NDF :159843.2/38

All: 202.108+/-0.026 χ^2/NDF : 288304.1/72

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.472 ± 0.004 $\chi^2/\text{NDF}: 228833.1/20$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.988 ± 0.005 $\chi^2/\text{NDF}: 135333.2/18$

Left: -37.690 ± 0.003 $\chi^2/\text{NDF}: 371492.0/39$

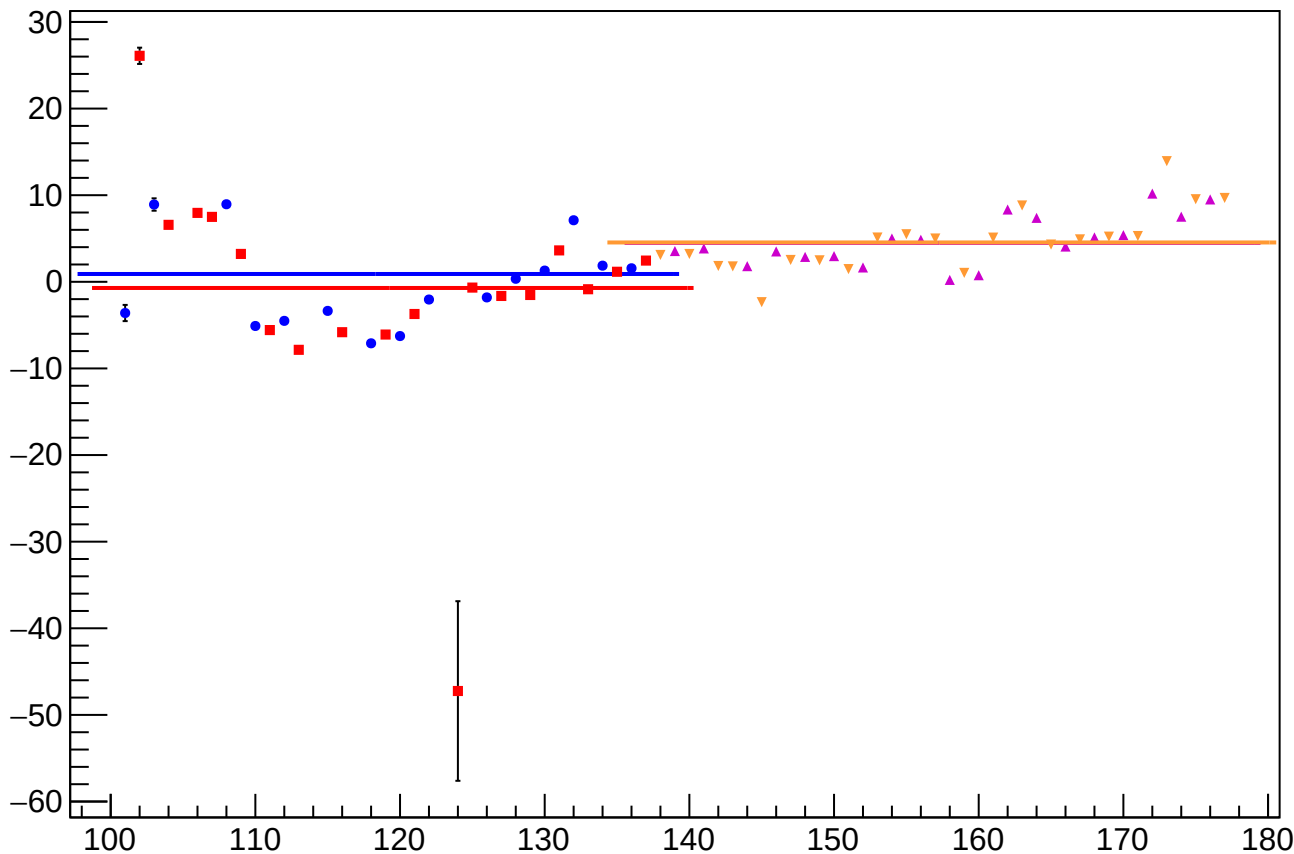
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.304 ± 0.004 $\chi^2/\text{NDF}: 219161.2/33$

Out: -37.648 ± 0.004 $\chi^2/\text{NDF}: 292909.6/38$

All: -37.932 ± 0.003 $\chi^2/\text{NDF}: 524668.1/72$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.542 ± 0.006 χ^2/NDF : 144955.8/20

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 4.484 ± 0.007 χ^2/NDF : 114044.8/18

Left: 4.518 ± 0.005 χ^2/NDF : 259037.7/39

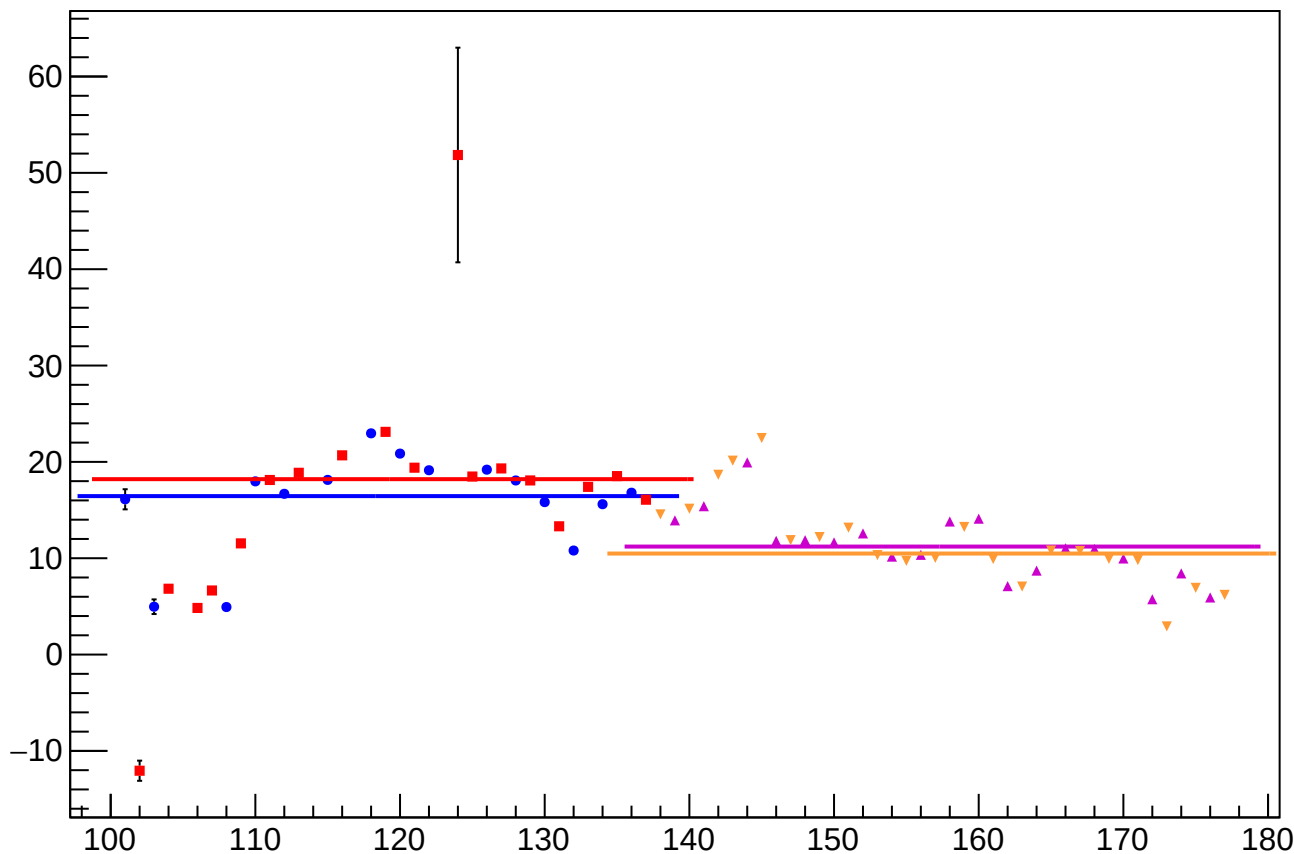
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.071 ± 0.007 χ^2/NDF : 163417.6/33

Out: 4.218 ± 0.006 χ^2/NDF : 219526.1/38

All: 4.153 ± 0.005 χ^2/NDF : 383205.0/72

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.487 $\pm$ 0.008 χ^2 /NDF:168593.3/20

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.210 $\pm$ 0.009 χ^2 /NDF:77156.9/18

Left: 10.790 $\pm$ 0.006 χ^2 /NDF: 249515.3/39

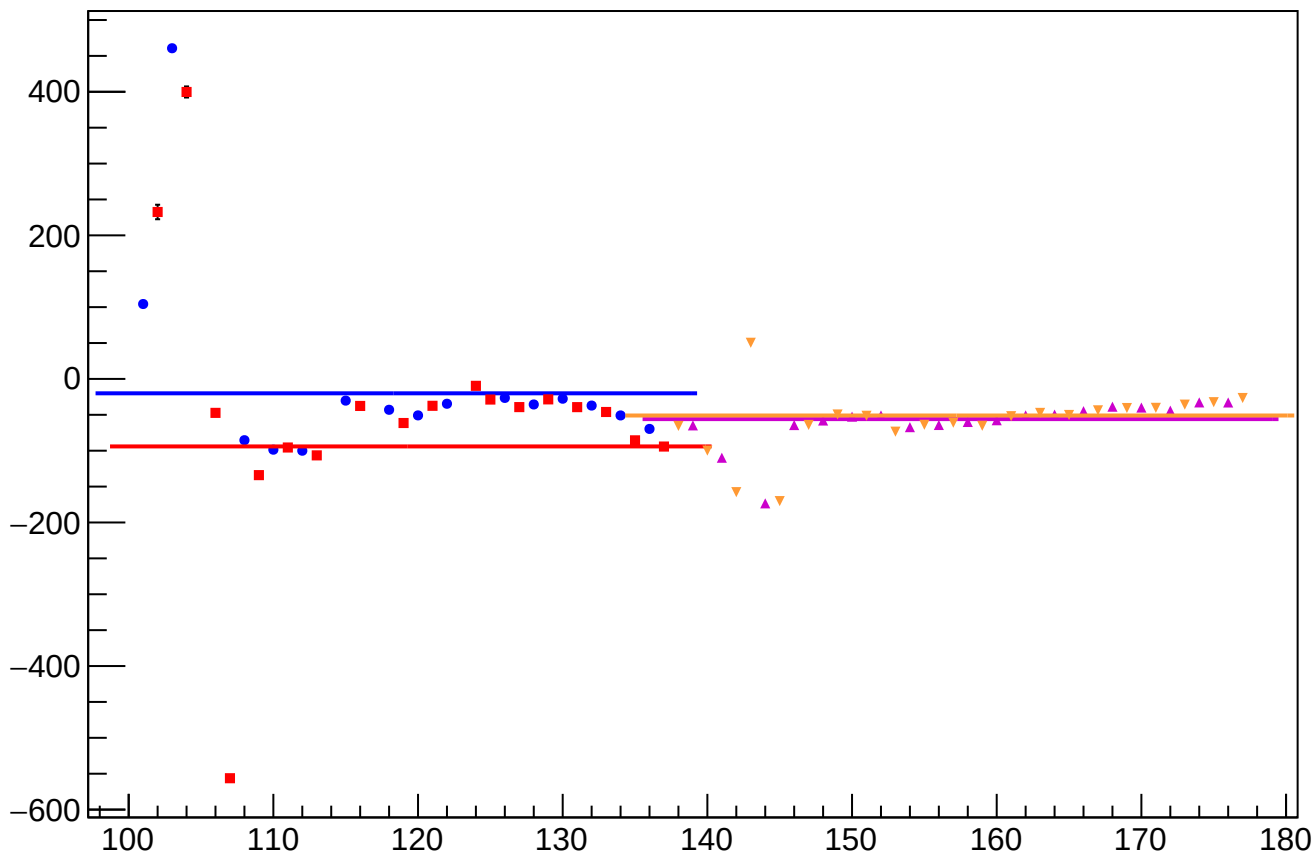
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.835 $\pm$ 0.008 χ^2 /NDF:131884.9/33

Out: 11.433 $\pm$ 0.007 χ^2 /NDF:321365.5/38

All: 11.601 $\pm$ 0.005 χ^2 /NDF: 454574.3/72

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.971 ± 0.093 $\chi^2/\text{NDF}: 58689.6/20$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -55.987 ± 0.109 $\chi^2/\text{NDF}: 55807.6/18$

Left: -53.103 ± 0.071 $\chi^2/\text{NDF}: 115724.9/39$

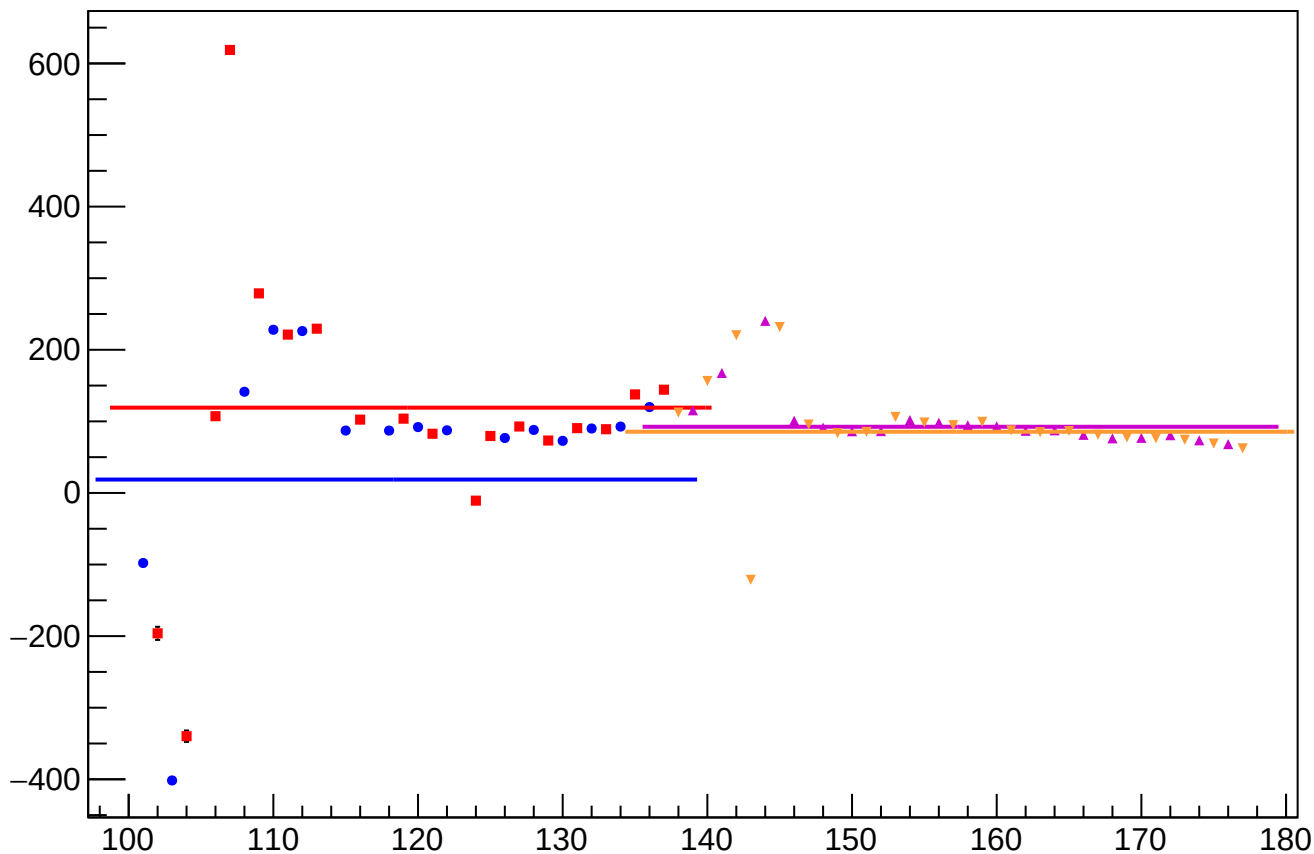
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.972 ± 0.089 $\chi^2/\text{NDF}: 533901.1/33$

Out: -93.299 ± 0.012 $\chi^2/\text{NDF}: 355528.9/38$

All: -92.362 ± 0.012 $\chi^2/\text{NDF}: 1193747.1/72$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 85.516 ± 0.083 $\chi^2/\text{NDF}: 177566.0/20$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 92.461 ± 0.095 $\chi^2/\text{NDF}: 77052.7/18$

Left: 88.509 ± 0.062 $\chi^2/\text{NDF}: 257664.0/39$

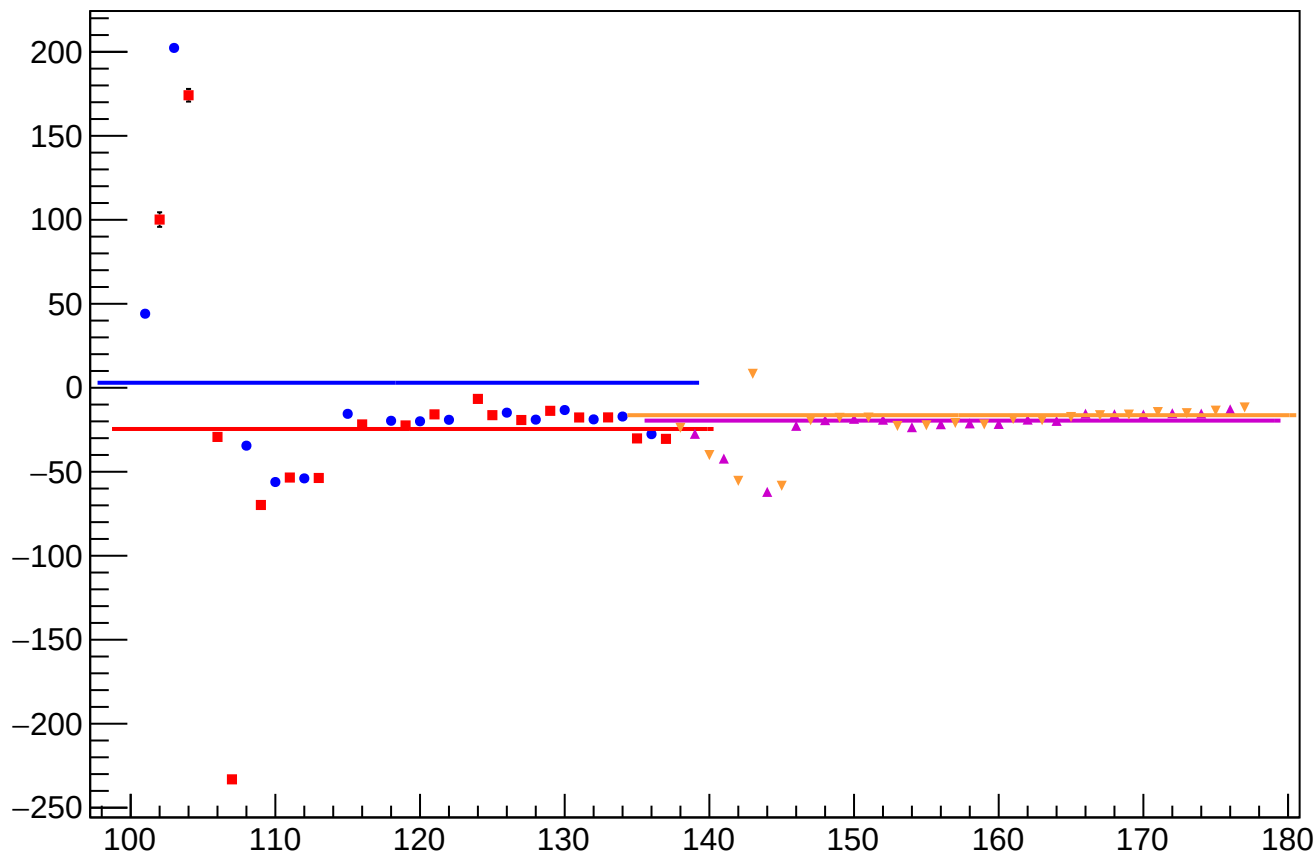
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.785 ± 0.081 $\chi^2/\text{NDF}: 1347993.1/33$

Out: 90.452 ± 0.076 $\chi^2/\text{NDF}: 289355.1/38$

All: 81.620 ± 0.055 $\chi^2/\text{NDF}: 1665656.8/72$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.321 ± 0.012 $\chi^2/\text{NDF}: 578719.2/20$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.555 ± 0.014 $\chi^2/\text{NDF}: 167756.8/18$

Left: -17.741 ± 0.009 $\chi^2/\text{NDF}: 776737.7/39$

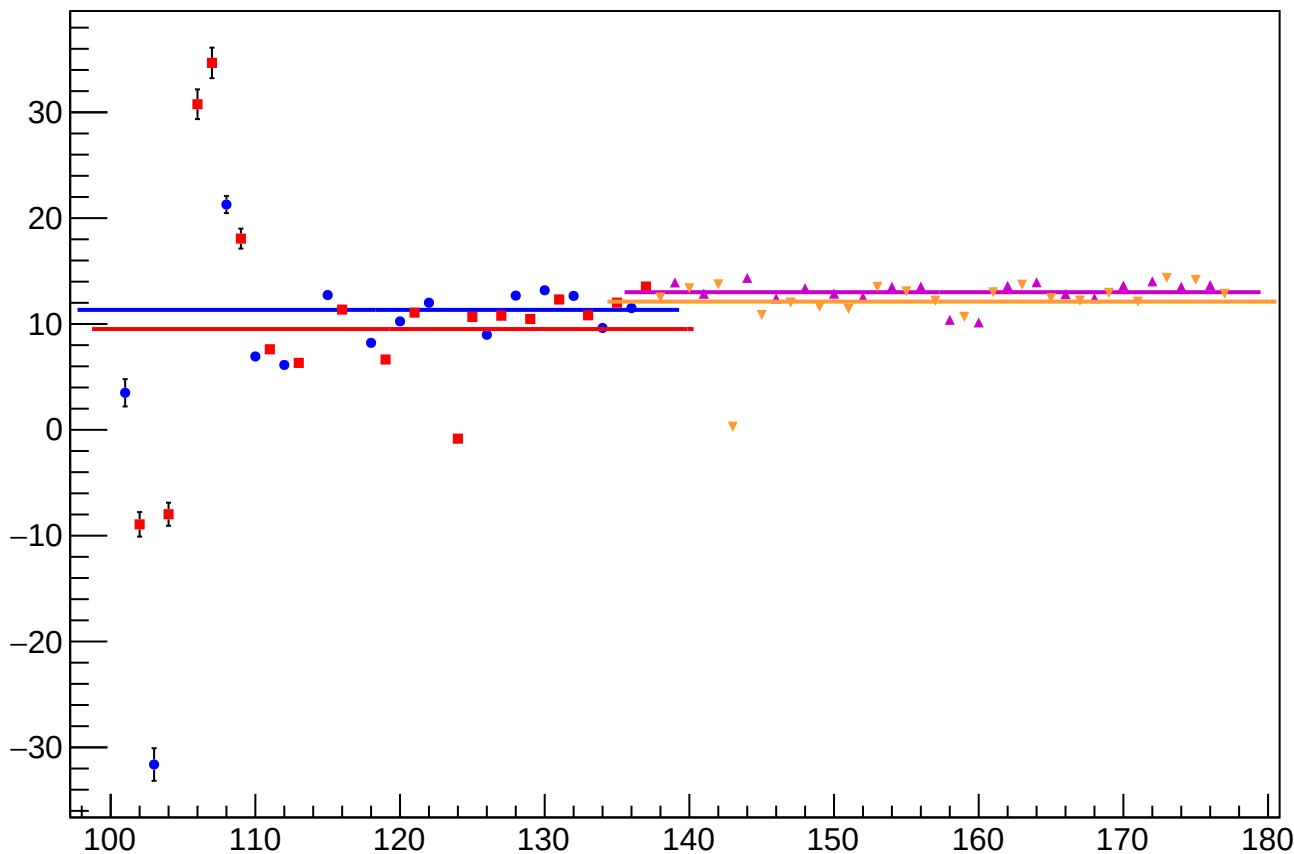
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.787 ± 0.012 $\chi^2/\text{NDF}: 4219009.3/33$

Out: -16.928 ± 0.012 $\chi^2/\text{NDF}: 788019.8/38$

All: -15.903 ± 0.009 $\chi^2/\text{NDF}: 5022643.1/72$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.113 $\pm$ 0.015 χ^2 /NDF:32771.9/20

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.004 $\pm$ 0.012 χ^2 /NDF:6426.7/18

Left: 12.643 $\pm$ 0.009 χ^2 /NDF: 41403.6/39

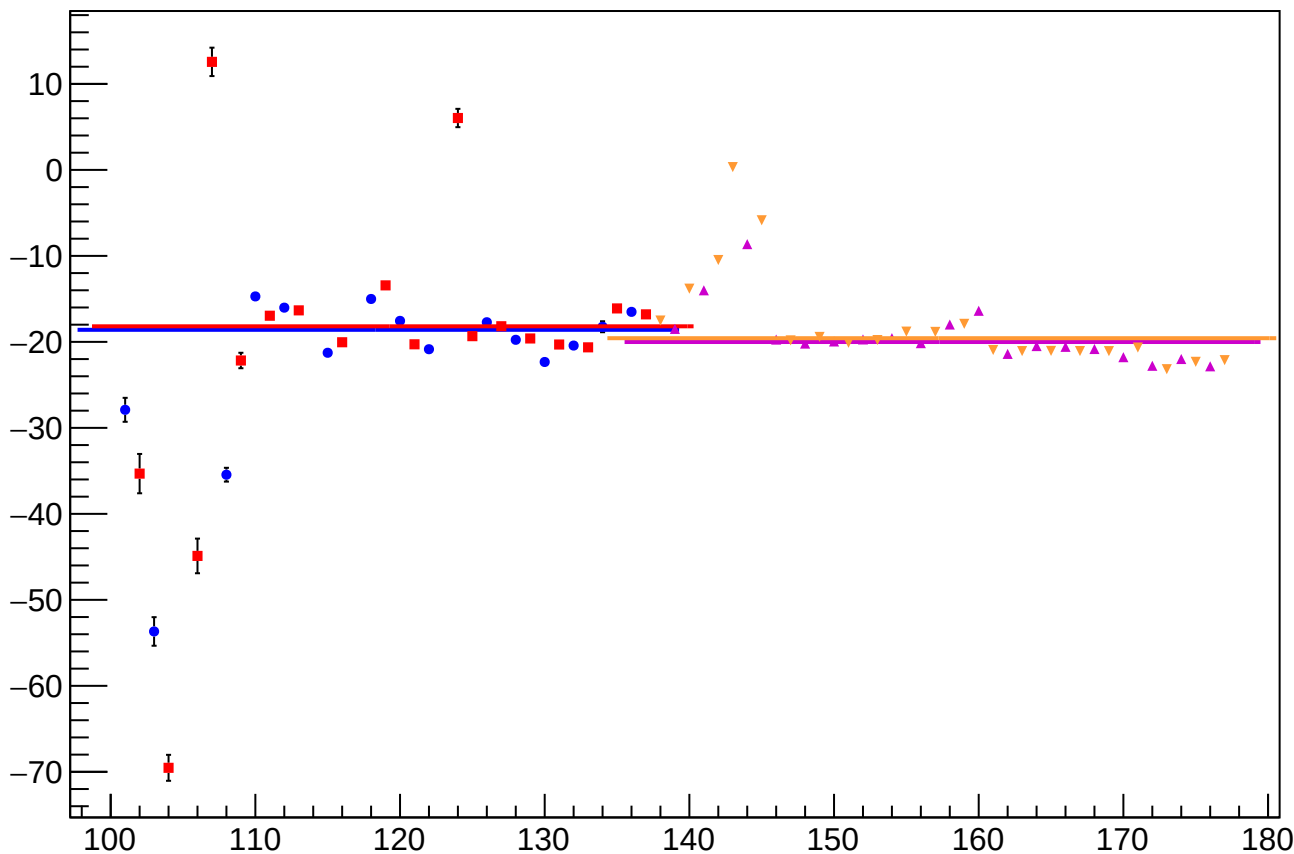
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.846 $\pm$ 0.012 χ^2 /NDF:10641.0/33

Out: 11.893 $\pm$ 0.014 χ^2 /NDF:39500.0/38

All: 12.462 $\pm$ 0.009 χ^2 /NDF: 52908.0/72

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.572 ± 0.016 χ^2/NDF : 64009.7/20

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -20.015 ± 0.016 χ^2/NDF : 15620.8/18

Left: -19.788 ± 0.011 χ^2/NDF : 80017.0/39

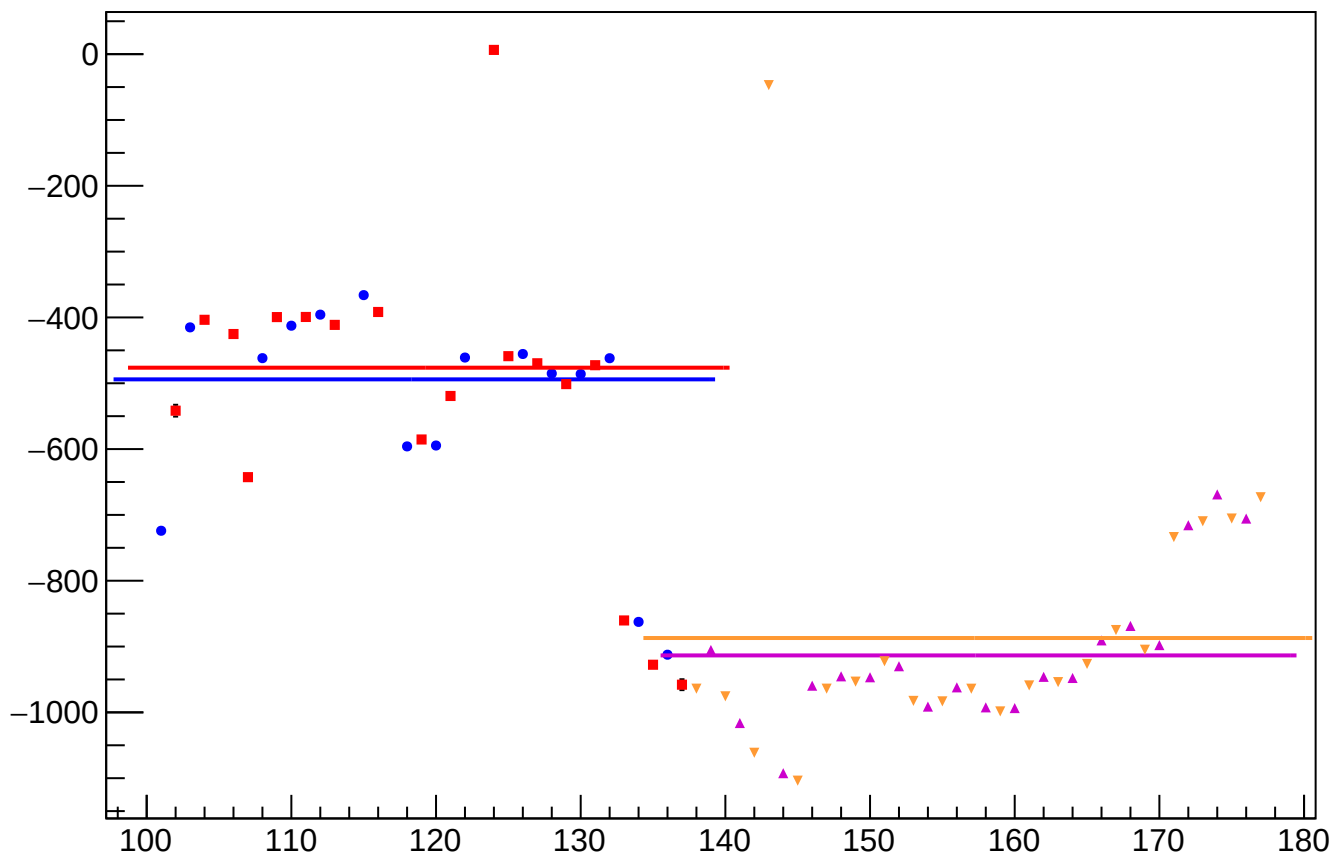
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.790 ± 0.015 χ^2/NDF : 23035.0/33

Out: -19.445 ± 0.015 χ^2/NDF : 69600.7/38

All: -19.619 ± 0.011 χ^2/NDF : 92903.8/72

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -887.039 ± 0.158 $\chi^2/\text{NDF}: 736913.5/20$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -913.474 ± 0.163 $\chi^2/\text{NDF}: 430112.7/18$

Left: -899.903 ± 0.114 $\chi^2/\text{NDF}: 1180563.1/39$

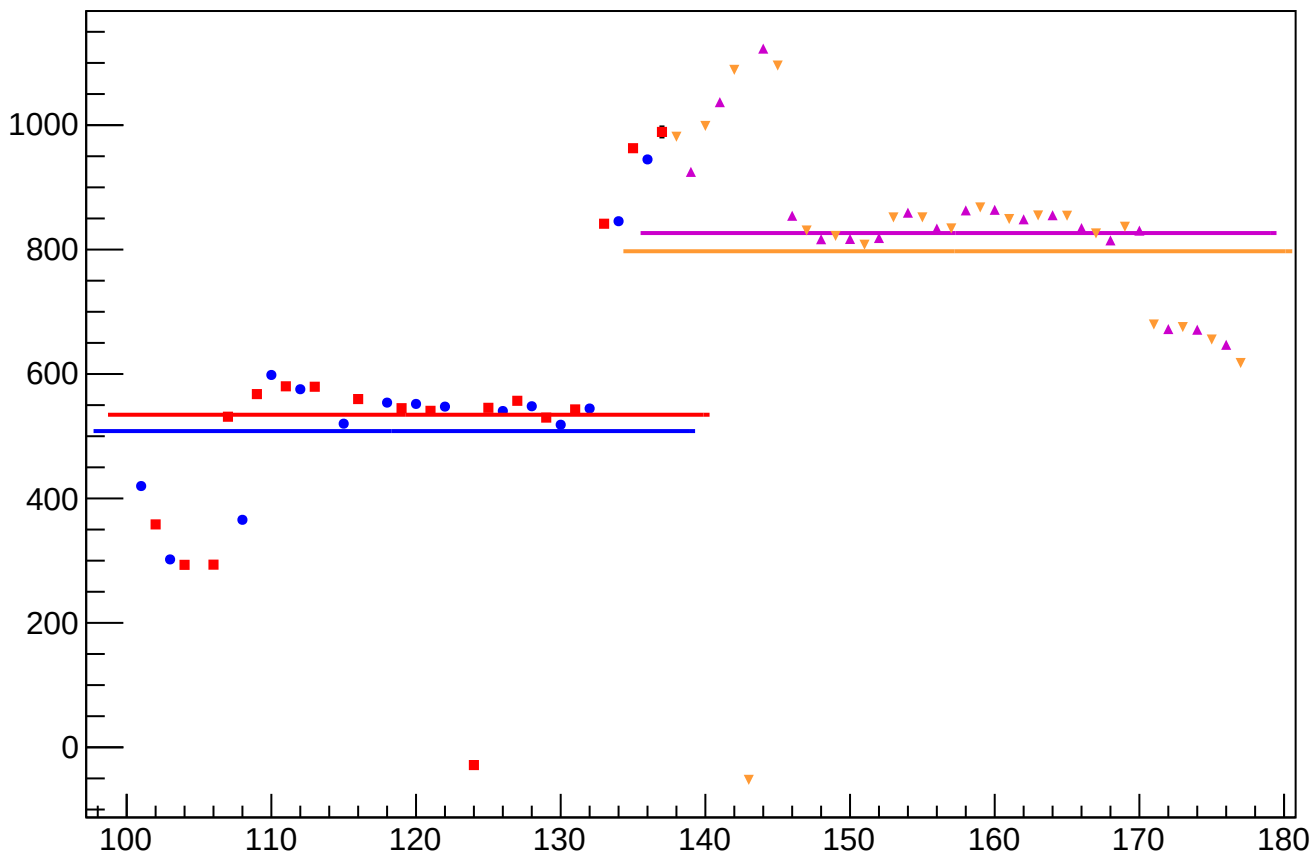
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -775.183 ± 0.133 $\chi^2/\text{NDF}: 2944583.9/33$

Out: -713.336 ± 0.120 $\chi^2/\text{NDF}: 4170886.4/38$

All: -741.127 ± 0.089 $\chi^2/\text{NDF}: 7234045.4/72$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 +/- 0.222 χ^2/NDF : 439489.9/14

Left Out: 797.310 +/- 0.129 χ^2/NDF : 763453.8/20

Right Out: 534.536 +/- 0.217 χ^2/NDF : 368263.1/17

Left In: 826.561 +/- 0.135 χ^2/NDF : 326542.0/18

Left: 811.238 +/- 0.093 χ^2/NDF : 1114577.6/39

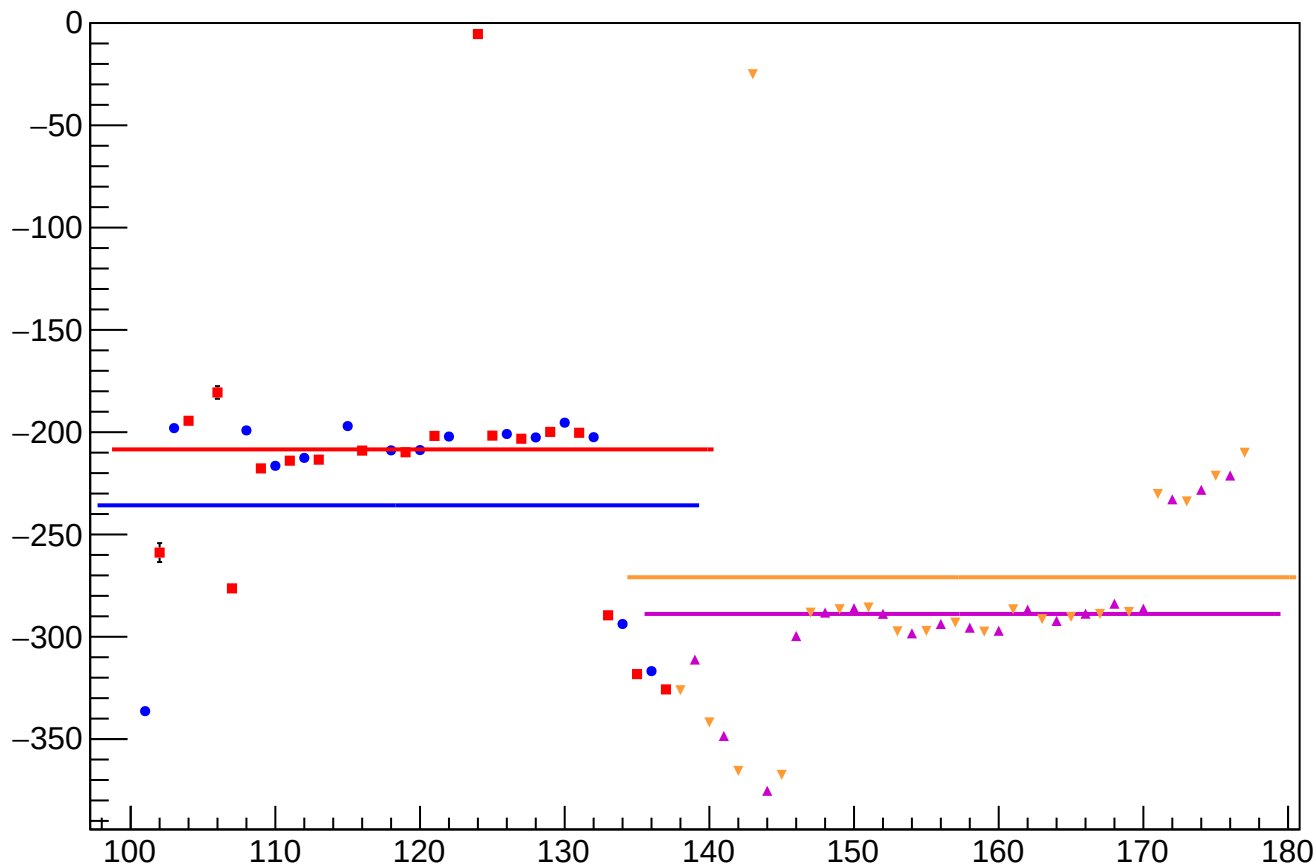
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 740.414 +/- 0.115 χ^2/NDF : 2269792.4/33

Out: 728.984 +/- 0.111 χ^2/NDF : 2215074.8/38

All: 734.468 +/- 0.080 χ^2/NDF : 4489977.6/72

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -270.903 ± 0.023 $\chi^2/\text{NDF}: 6906671.3/20$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -288.844 ± 0.024 $\chi^2/\text{NDF}: 888954.5/18$

Left: -279.602 ± 0.017 $\chi^2/\text{NDF}: 8079239.0/39$

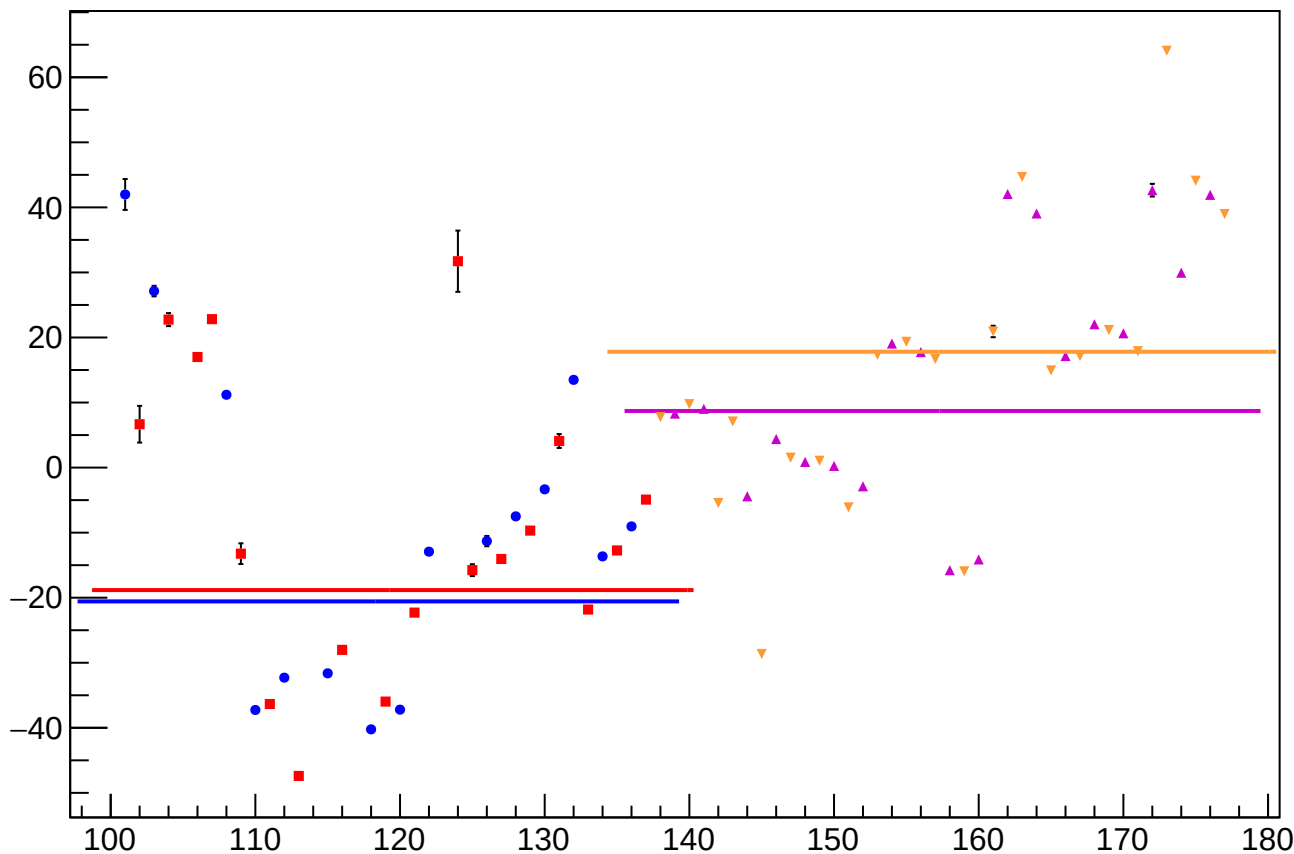
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -280.302 ± 0.022 $\chi^2/\text{NDF}: 2540884.5/33$

Out: -258.332 ± 0.021 $\chi^2/\text{NDF}: 8709309.6/38$

All: -268.715 ± 0.015 $\chi^2/\text{NDF}: 11769118.2/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 17.808 ± 0.022 χ^2/NDF : 629876.6/20

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.704 ± 0.019 χ^2/NDF : 1030369.6/18

Left: 12.674 ± 0.014 χ^2/NDF : 1760520.7/39

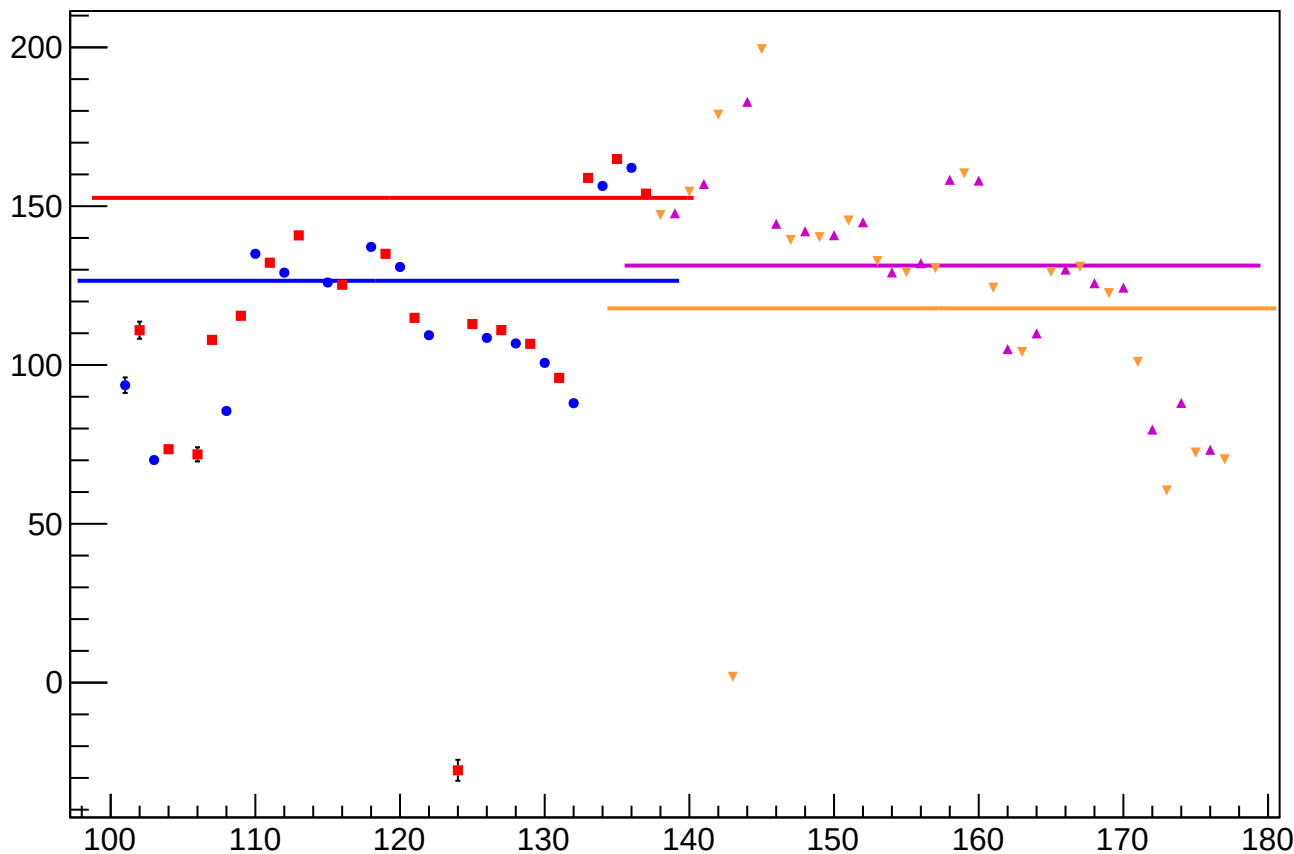
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 6.767 ± 0.018 χ^2/NDF : 1251011.8/33

Out: 16.400 ± 0.021 χ^2/NDF : 761383.9/38

All: 10.899 ± 0.014 χ^2/NDF : 2130631.6/72

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 117.825 $\pm$ 0.027 χ^2 /NDF:1197704.4/20

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 131.299 $\pm$ 0.027 χ^2 /NDF:720959.6/18

Left: 124.741 $\pm$ 0.019 χ^2 /NDF: 2042544.2/39

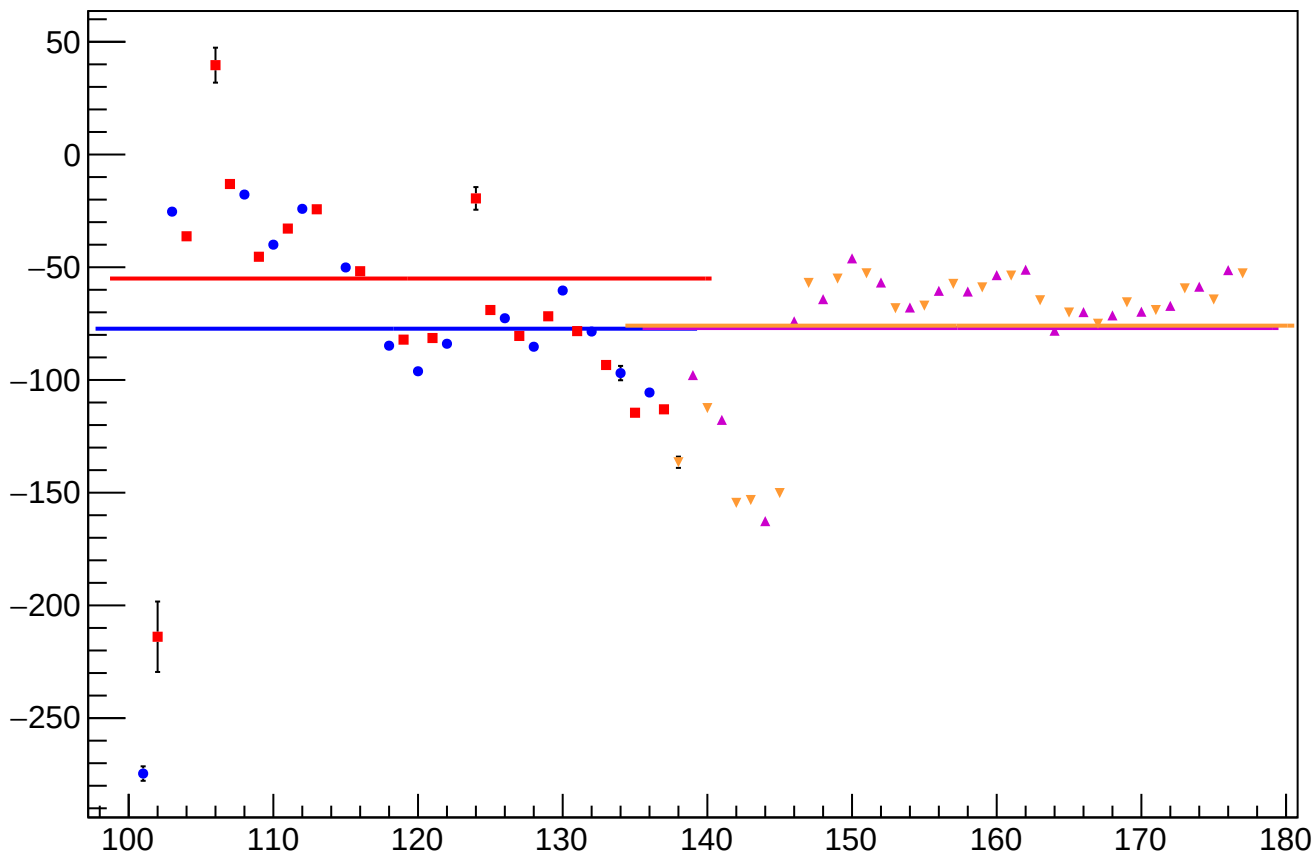
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 130.860 $\pm$ 0.025 χ^2 /NDF:838869.8/33

Out: 133.465 $\pm$ 0.020 χ^2 /NDF:1995222.7/38

All: 132.449 $\pm$ 0.016 χ^2 /NDF: 2840485.4/72

dit_atr1_4aX_slope vs Slug, Sign Corrected



Left: -76.440 ± 0.086 $\chi^2/\text{NDF}: 126250.0/39$

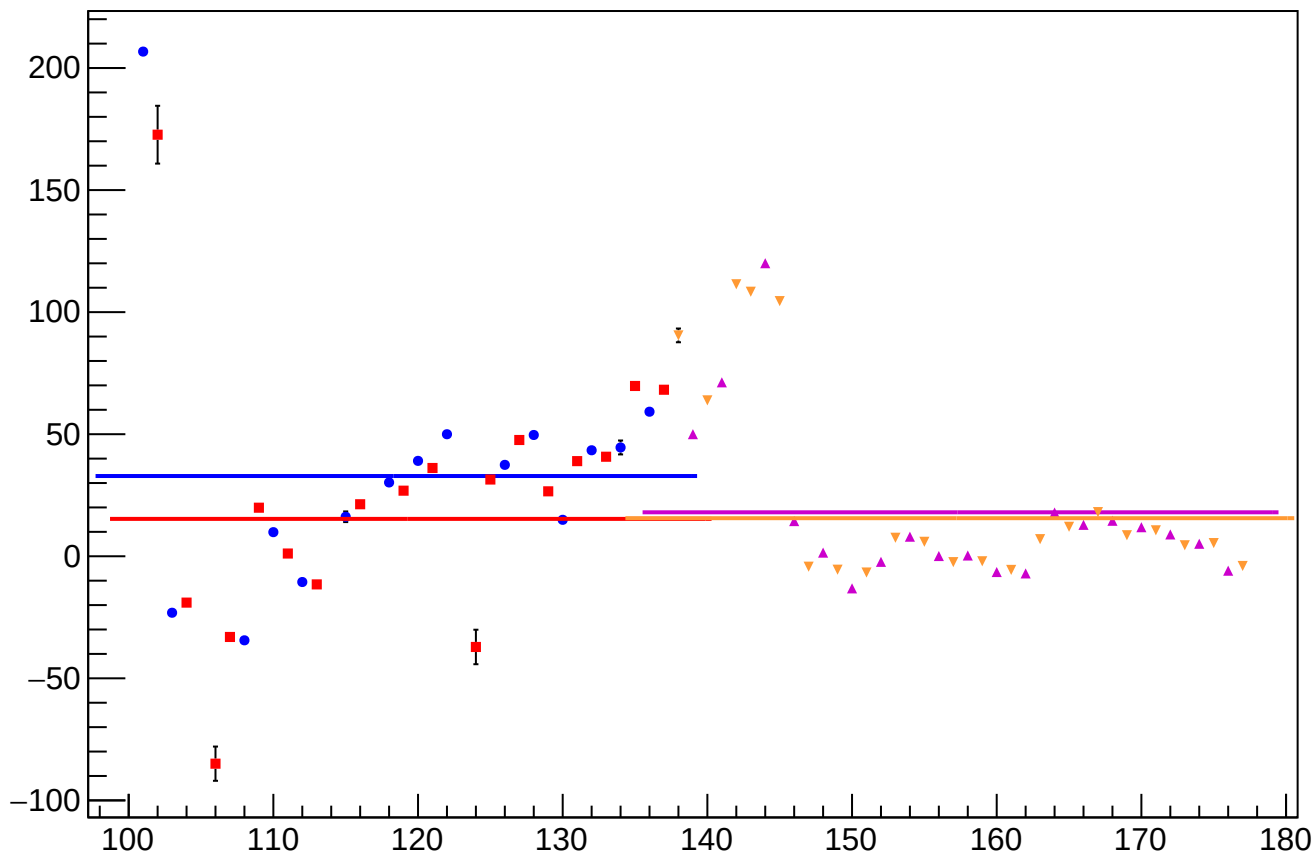
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -77.091 ± 0.094 $\chi^2/\text{NDF}: 94305.2/33$

Out: -69.846 ± 0.102 $\chi^2/\text{NDF}: 94462.6/38$

All: -73.796 ± 0.069 $\chi^2/\text{NDF}: 191494.1/72$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 15.596 $\pm$ 0.106 χ^2/NDF : 93011.9/20

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 18.006 $\pm$ 0.108 χ^2/NDF : 91462.3/18

Left: 16.784 $\pm$ 0.076 χ^2/NDF : 184728.4/39

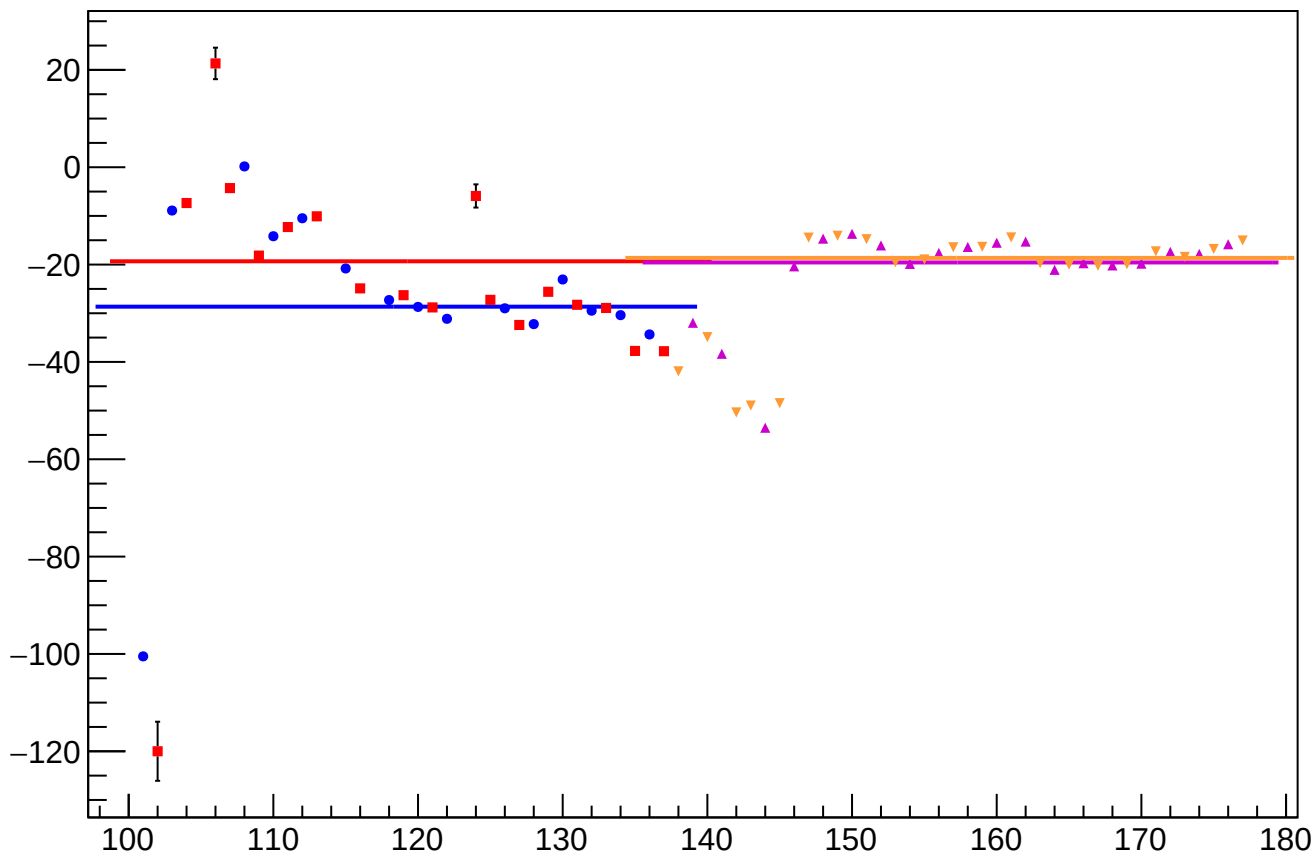
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 23.238 $\pm$ 0.087 χ^2/NDF : 129569.7/33

Out: 15.538 $\pm$ 0.095 χ^2/NDF : 109759.4/38

All: 19.729 $\pm$ 0.064 χ^2/NDF : 242929.3/72

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.630 ± 0.014 $\chi^2/\text{NDF}: 227863.2/20$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.565 ± 0.015 $\chi^2/\text{NDF}: 197224.9/18$

Left: -19.068 ± 0.010 $\chi^2/\text{NDF}: 427092.6/39$

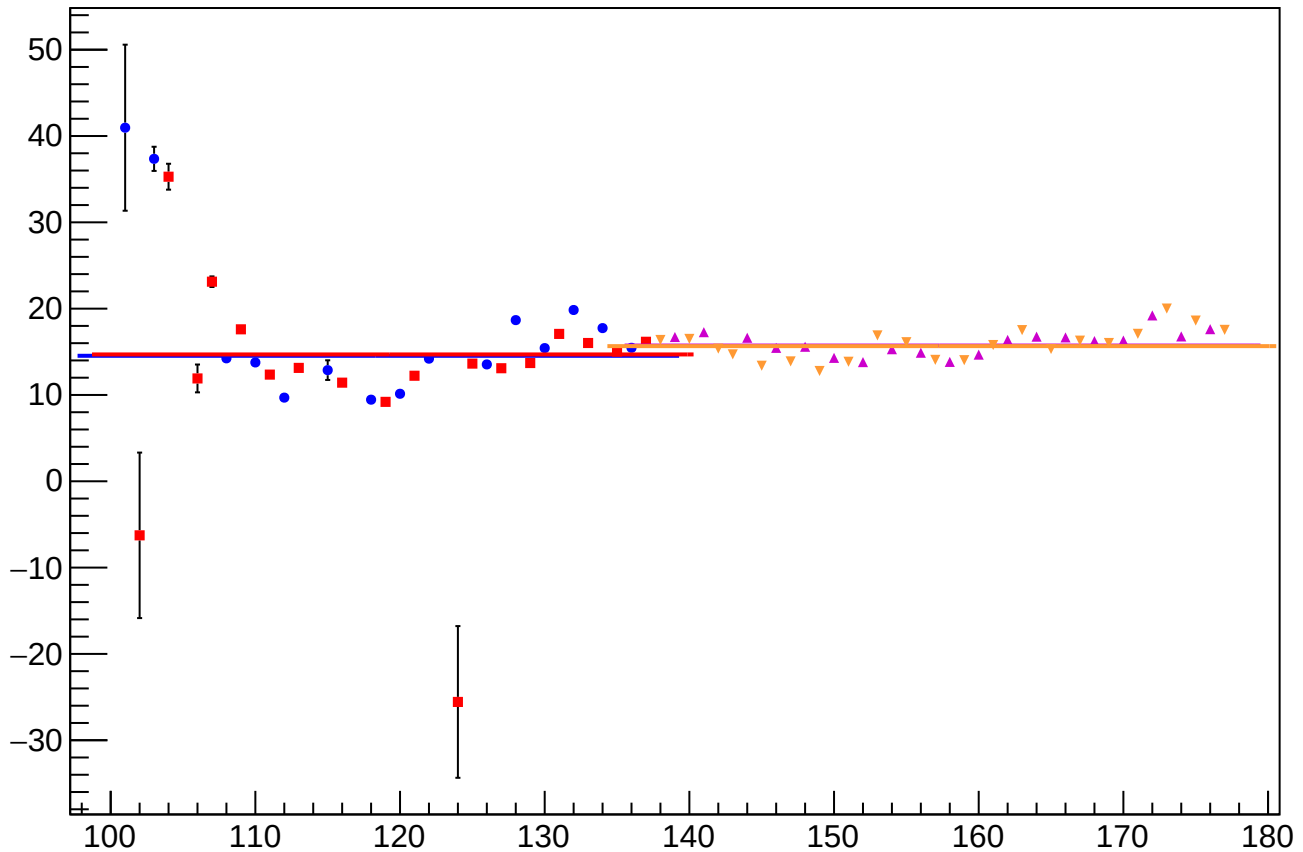
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -21.063 ± 0.014 $\chi^2/\text{NDF}: 369334.5/33$

Out: -18.711 ± 0.013 $\chi^2/\text{NDF}: 284717.5/38$

All: -19.846 ± 0.010 $\chi^2/\text{NDF}: 668843.0/72$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.657+/-0.015 χ^2/NDF :10398.4/20

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.725+/-0.014 χ^2/NDF :7909.6/18

Left: 15.692+/-0.010 χ^2/NDF : 18319.3/39

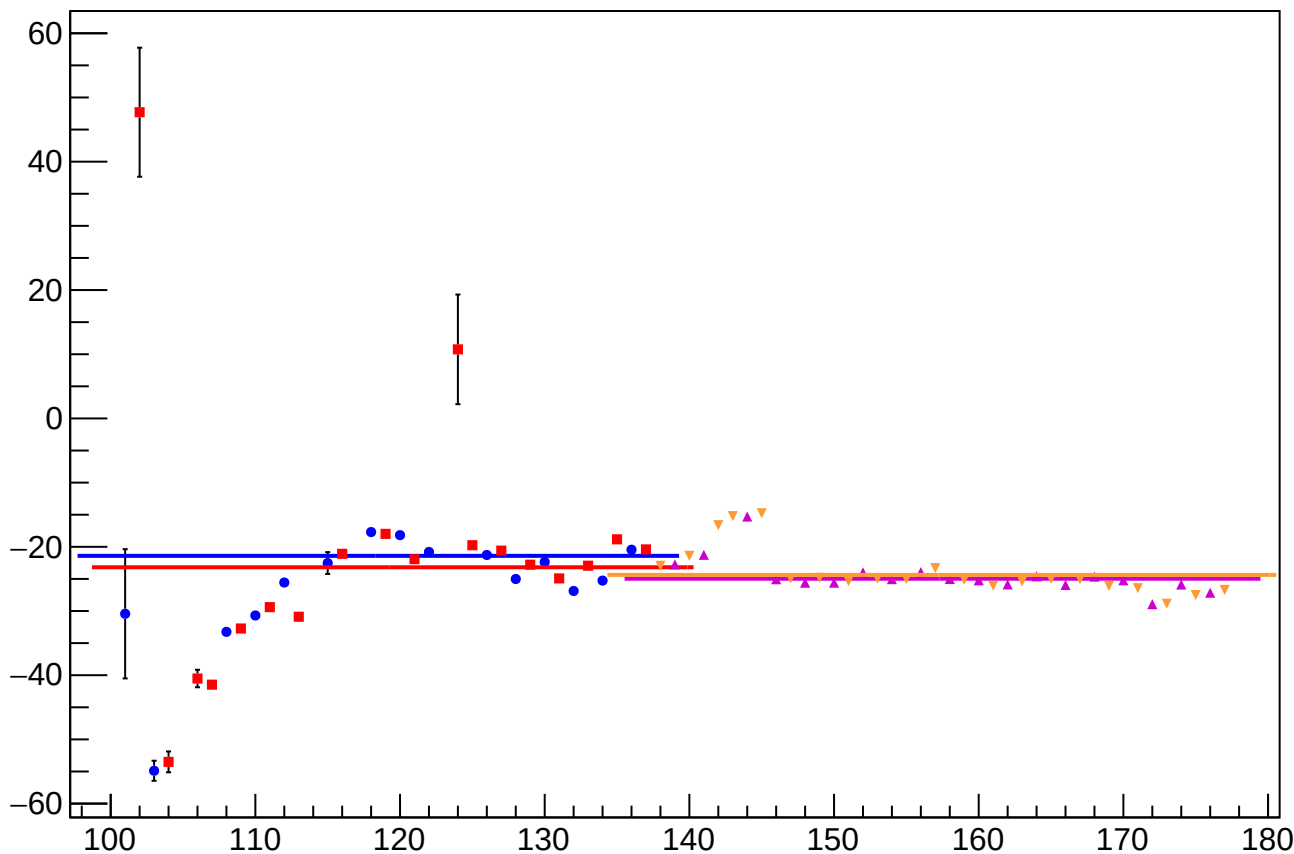
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.505+/-0.013 χ^2/NDF :21271.0/33

Out: 15.559+/-0.014 χ^2/NDF :12470.2/38

All: 15.530+/-0.009 χ^2/NDF : 33749.5/72

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.373 ± 0.017 $\chi^2/\text{NDF}: 40988.6/20$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.972 ± 0.017 $\chi^2/\text{NDF}: 12486.2/18$

Left: -24.665 ± 0.012 $\chi^2/\text{NDF}: 54094.3/39$

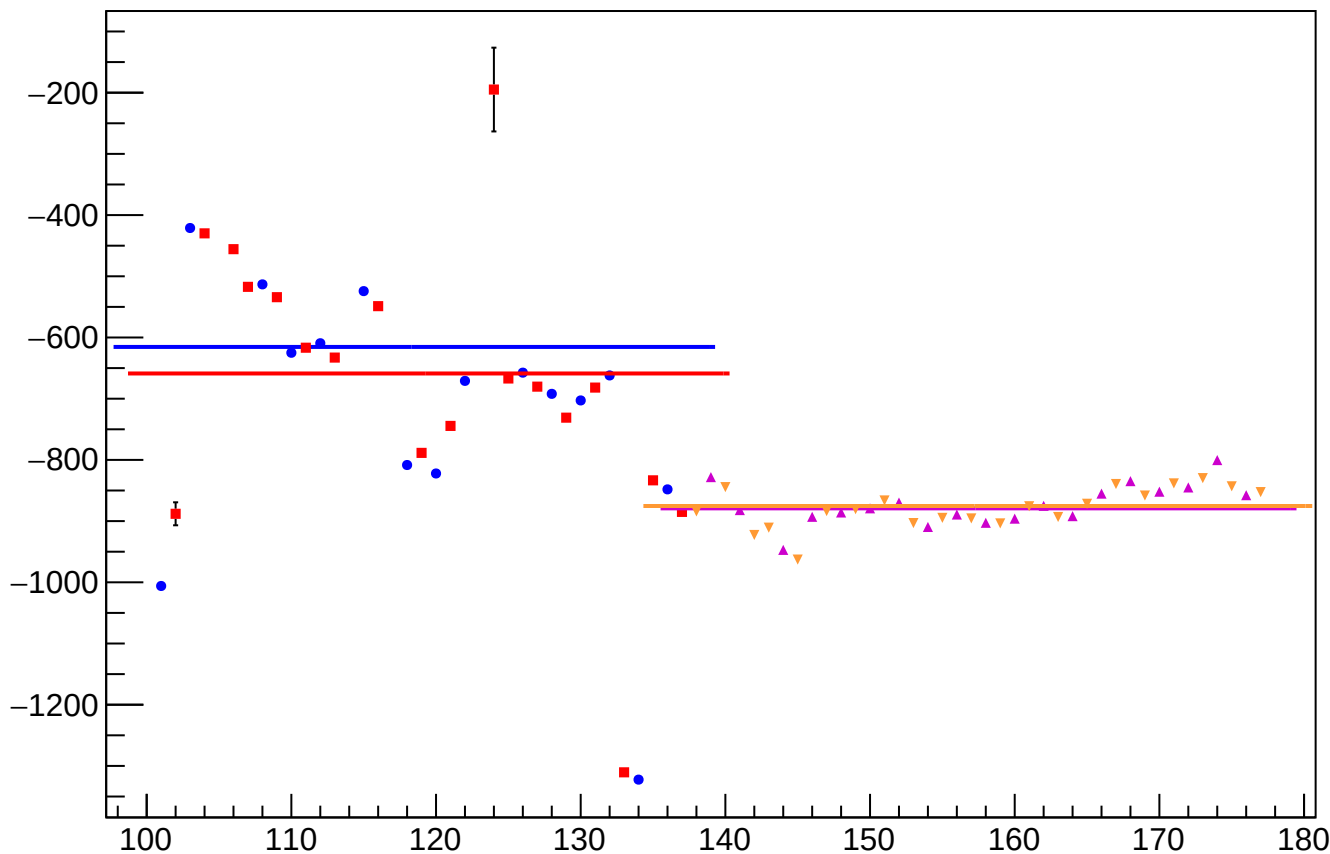
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.293 ± 0.016 $\chi^2/\text{NDF}: 30309.7/33$

Out: -24.257 ± 0.016 $\chi^2/\text{NDF}: 50601.7/38$

All: -24.275 ± 0.011 $\chi^2/\text{NDF}: 80914.1/72$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -875.321+/-0.136 χ^2/NDF : 41333.1/20

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -879.191+/-0.133 χ^2/NDF : 44623.0/18

Left: -877.312+/-0.095 χ^2/NDF : 86369.7/39

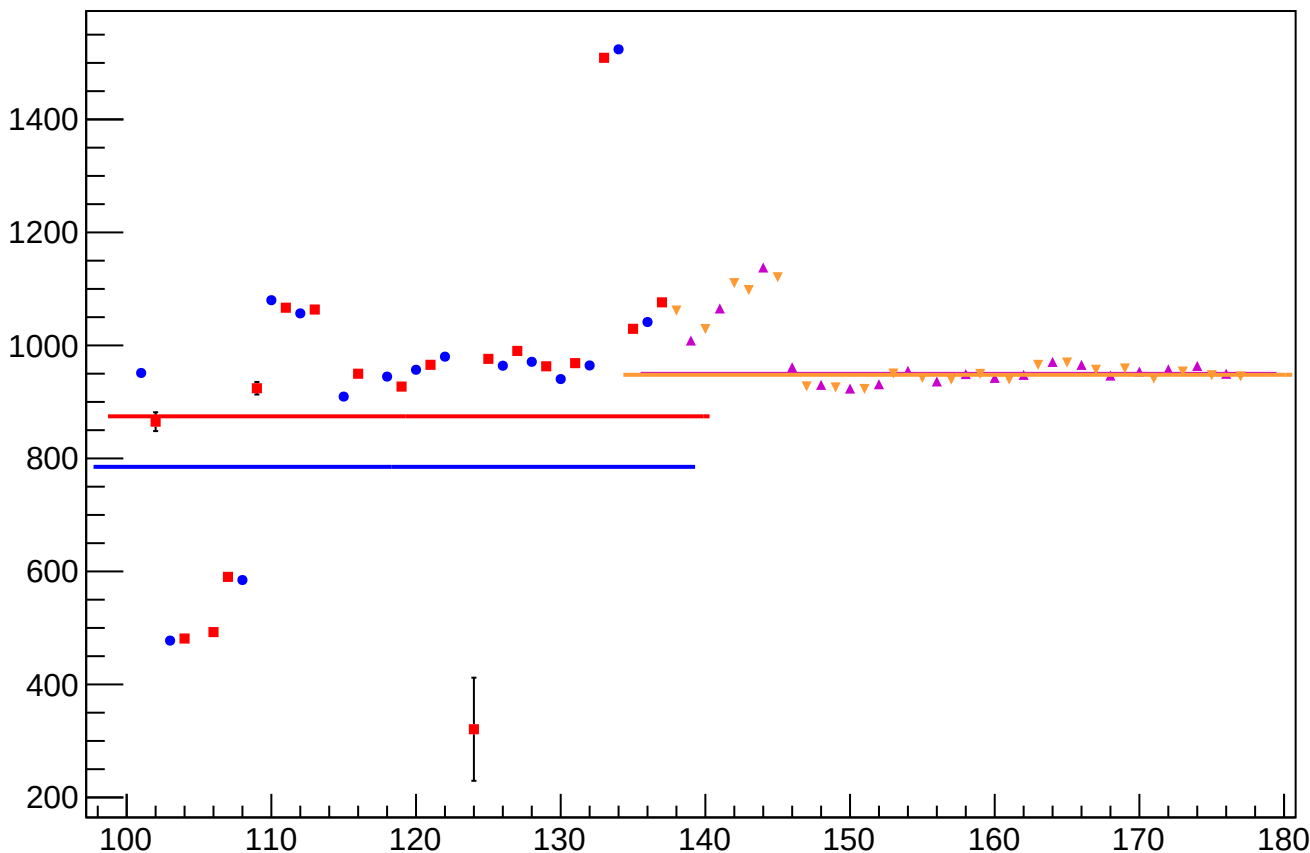
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -816.554+/-0.116 χ^2/NDF : 1367201.4/33

Out: -827.487+/-0.120 χ^2/NDF : 982701.2/38

All: -821.804+/-0.083 χ^2/NDF : 2354184.0/72

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.021 $\pm$ 0.107 χ^2/NDF : 71882.6/20

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 949.662 $\pm$ 0.111 χ^2/NDF : 76130.7/18

Left: 948.813 $\pm$ 0.077 χ^2/NDF : 148127.3/39

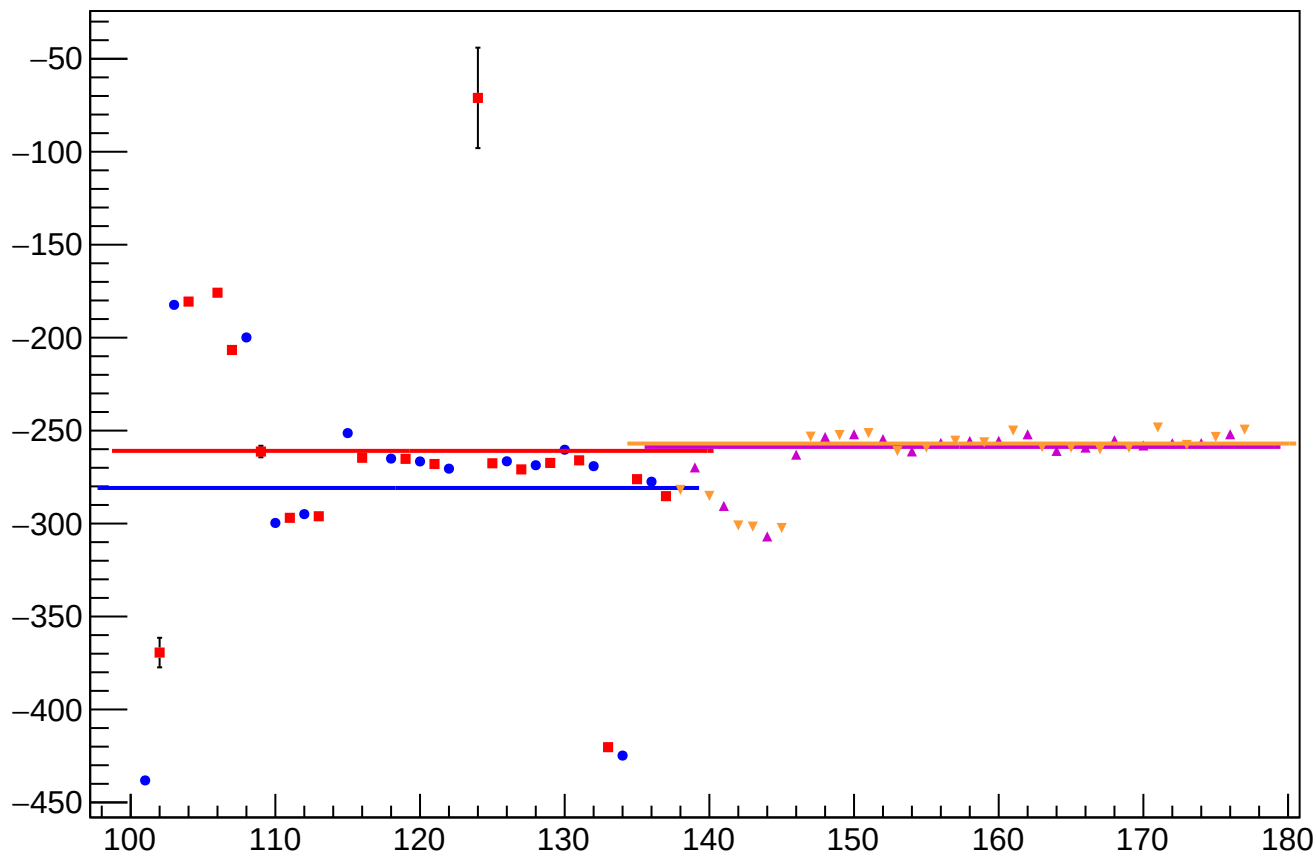
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 918.324 $\pm$ 0.100 χ^2/NDF : 1383902.2/33

Out: 937.498 $\pm$ 0.099 χ^2/NDF : 982273.2/38

All: 927.975 $\pm$ 0.070 χ^2/NDF : 2384861.2/72

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.967 ± 0.020 $\chi^2/\text{NDF}: 181448.1/20$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.764 ± 0.020 $\chi^2/\text{NDF}: 191774.3/18$

Left: -257.870 ± 0.014 $\chi^2/\text{NDF}: 377262.8/39$

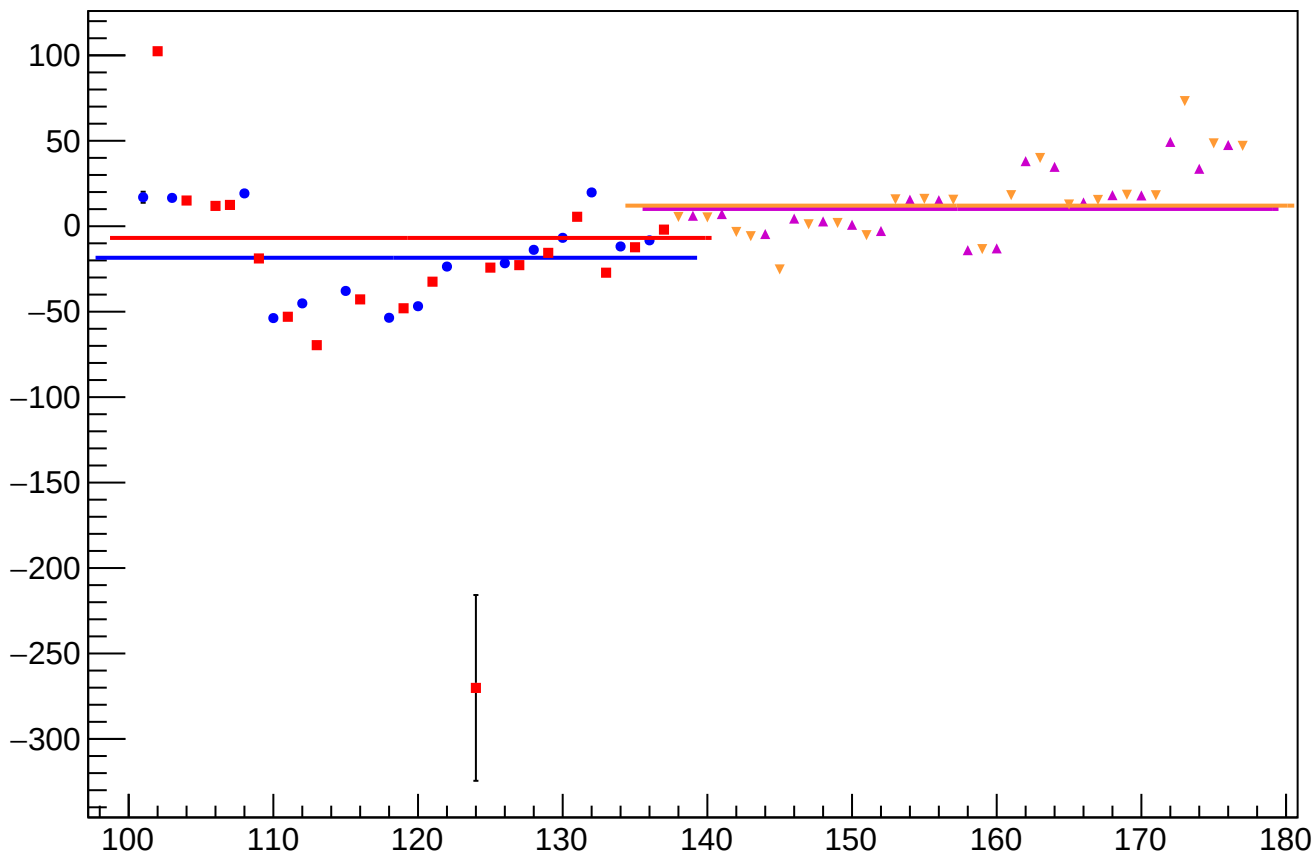
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.063 ± 0.019 $\chi^2/\text{NDF}: 1193010.6/33$

Out: -257.285 ± 0.019 $\chi^2/\text{NDF}: 532275.5/38$

All: -259.207 ± 0.013 $\chi^2/\text{NDF}: 1744960.1/72$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 12.054 ± 0.020 $\chi^2/\text{NDF}: 572860.2/20$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 10.112 ± 0.020 $\chi^2/\text{NDF}: 697034.2/18$

Left: 11.041 ± 0.014 $\chi^2/\text{NDF}: 1274602.5/39$

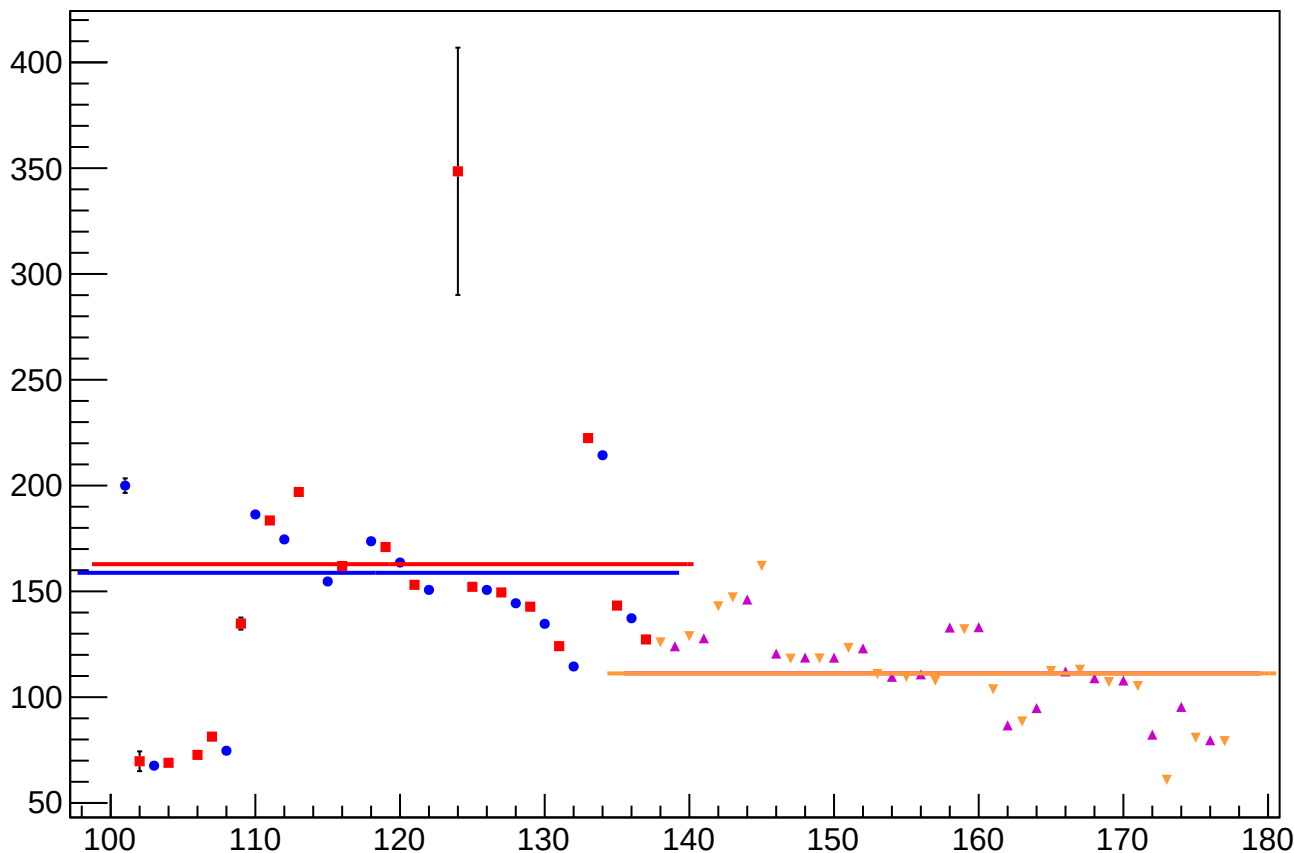
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 8.855 ± 0.019 $\chi^2/\text{NDF}: 837239.6/33$

Out: 10.333 ± 0.019 $\chi^2/\text{NDF}: 700724.6/38$

All: 9.581 ± 0.014 $\chi^2/\text{NDF}: 1540891.2/72$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 111.235 $\pm$ 0.024 χ^2 /NDF: 398202.5/20

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 111.235 $\pm$ 0.021 χ^2 /NDF: 480213.7/18

Left: 111.235 $\pm$ 0.016 χ^2 /NDF: 878416.2/39

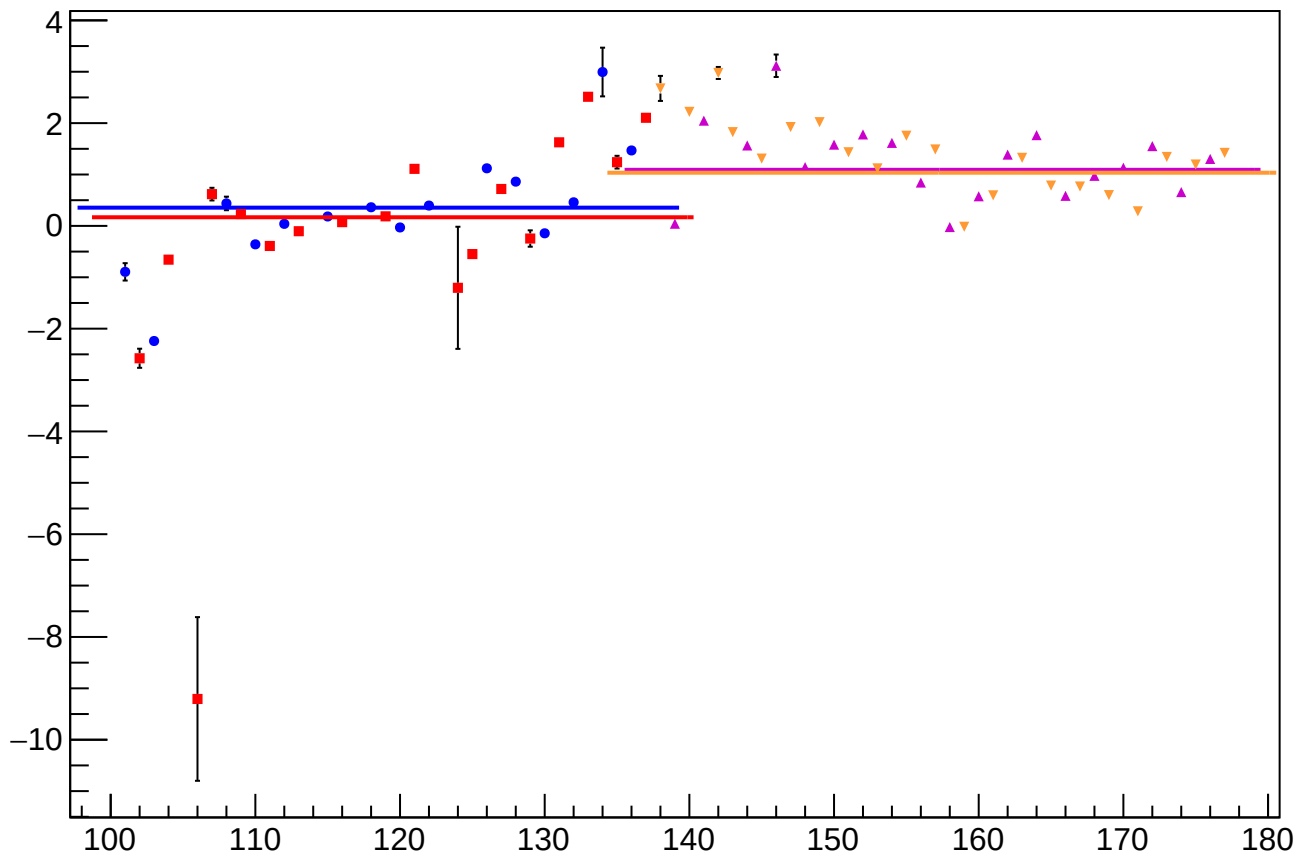
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 113.787 $\pm$ 0.020 χ^2 /NDF: 913442.2/33

Out: 114.464 $\pm$ 0.023 χ^2 /NDF: 841553.9/38

All: 114.081 $\pm$ 0.015 χ^2 /NDF: 1755471.8/72

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.035 ± 0.008 $\chi^2/\text{NDF}: 6057.7/20$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.092 ± 0.007 $\chi^2/\text{NDF}: 7022.0/18$

Left: 1.066 ± 0.005 $\chi^2/\text{NDF}: 13109.9/39$

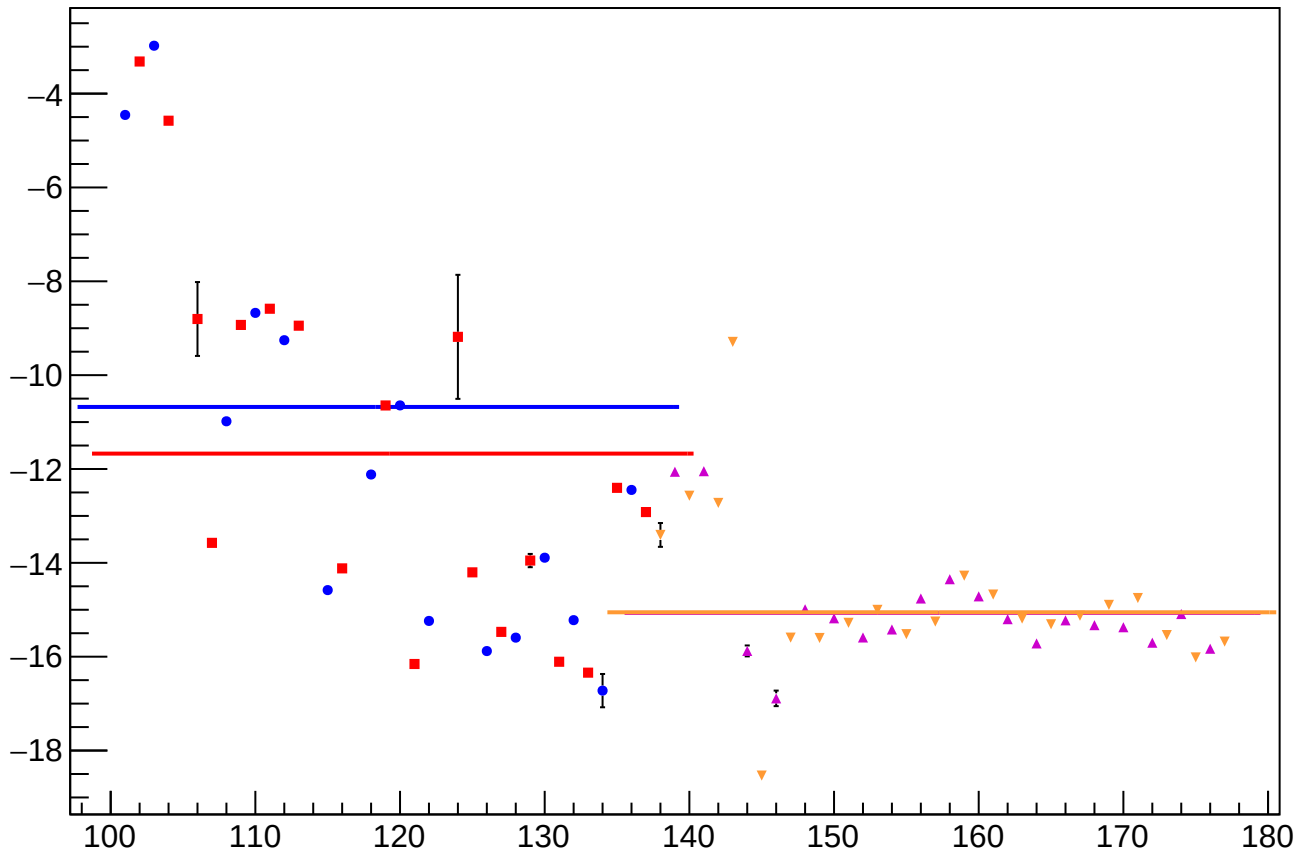
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.903 ± 0.006 $\chi^2/\text{NDF}: 13952.3/33$

Out: 0.598 ± 0.005 $\chi^2/\text{NDF}: 17029.2/38$

All: 0.736 ± 0.004 $\chi^2/\text{NDF}: 32416.5/72$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.054 $\pm$ 0.006 χ^2/NDF : 35431.7/20

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.067 $\pm$ 0.006 χ^2/NDF : 13694.5/18

Left: -15.061 $\pm$ 0.004 χ^2/NDF : 49128.4/39

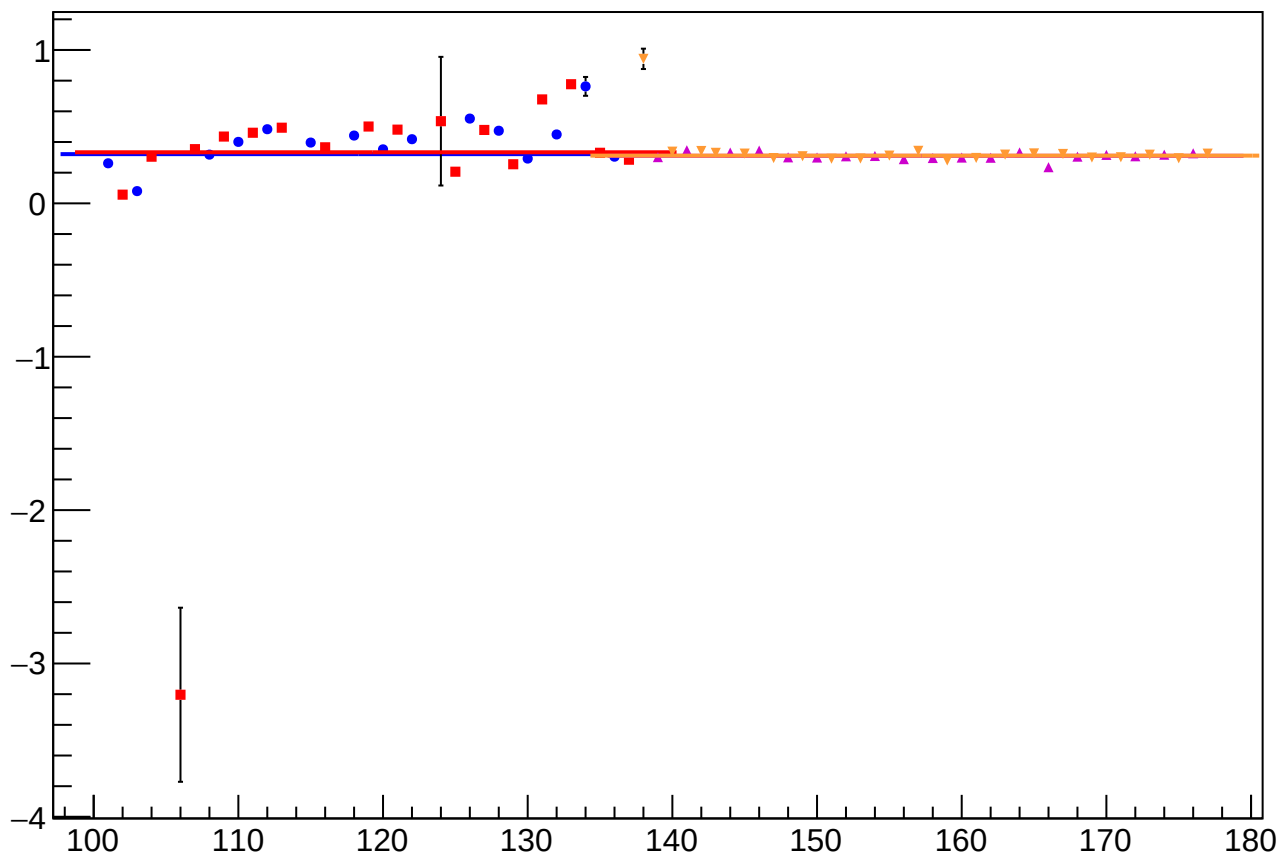
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.911 $\pm$ 0.005 χ^2/NDF : 374834.2/33

Out: -14.294 $\pm$ 0.006 χ^2/NDF : 208708.7/38

All: -14.094 $\pm$ 0.004 χ^2/NDF : 586052.5/72

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5107.0/20

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.310+/-0.000 χ^2/NDF : 2913.3/18

Left: 0.311+/-0.000 χ^2/NDF : 8036.0/39

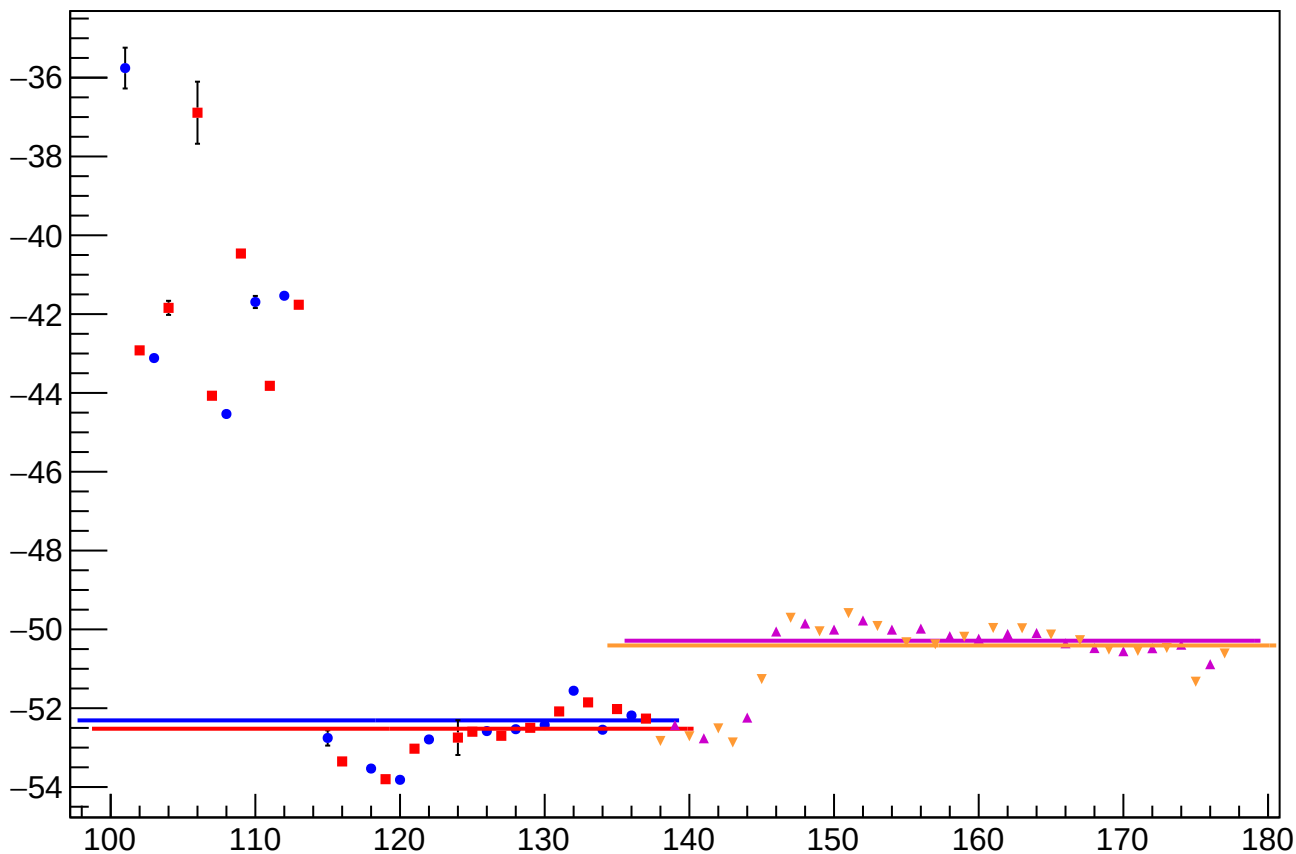
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.311+/-0.000 χ^2/NDF : 7062.4/33

Out: 0.312+/-0.000 χ^2/NDF : 9572.3/38

All: 0.311+/-0.000 χ^2/NDF : 16651.9/72

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.408 ± 0.002 χ^2/NDF : 231476.0/20

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.287 ± 0.001 χ^2/NDF : 166631.0/18

Left: -50.338 ± 0.001 χ^2/NDF : 401718.2/39

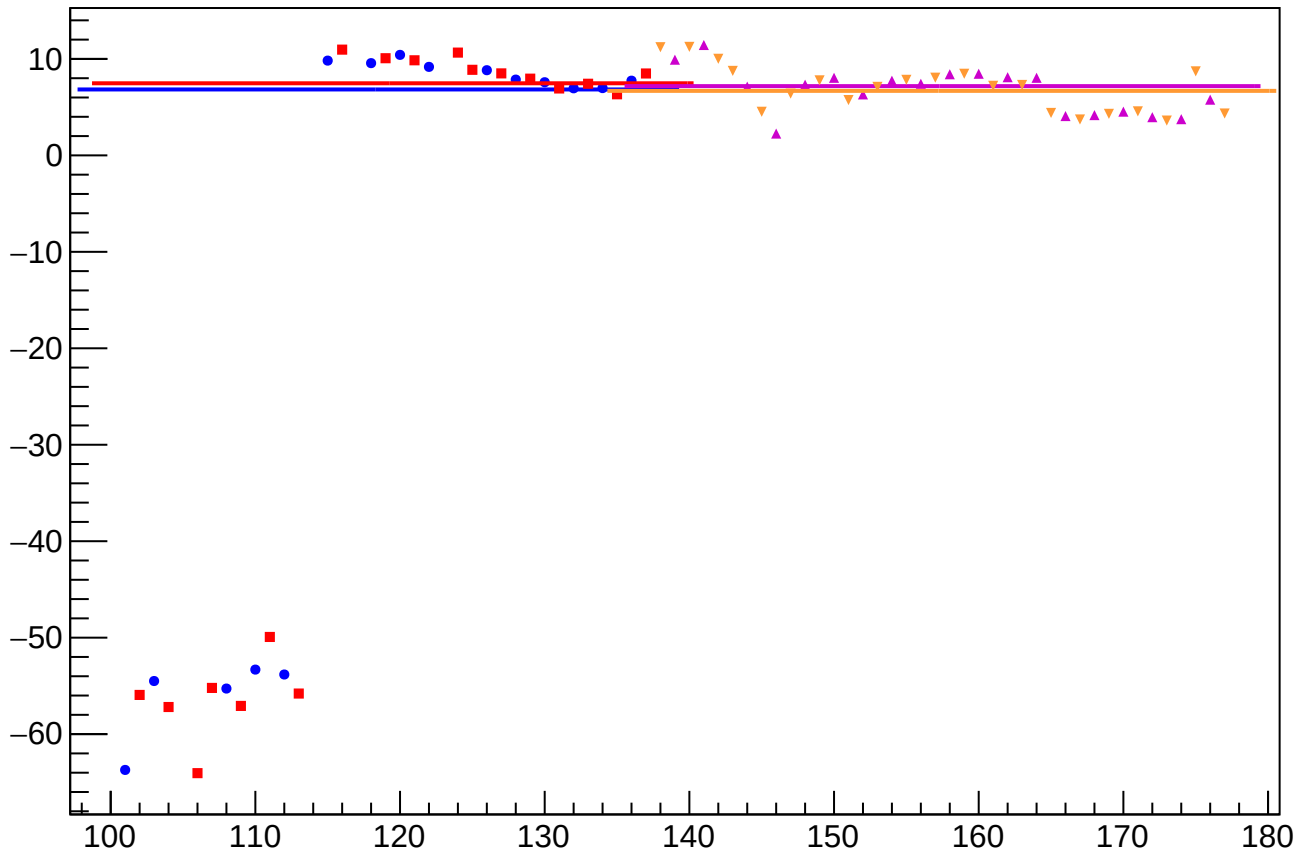
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.450 ± 0.001 χ^2/NDF : 413025.9/33

Out: -50.616 ± 0.001 χ^2/NDF : 497860.8/38

All: -50.521 ± 0.001 χ^2/NDF : 918456.6/72

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.688 ± 0.004 $\chi^2/\text{NDF}: 319099.1/20$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.180 ± 0.003 $\chi^2/\text{NDF}: 197415.0/18$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 525771.2/39$

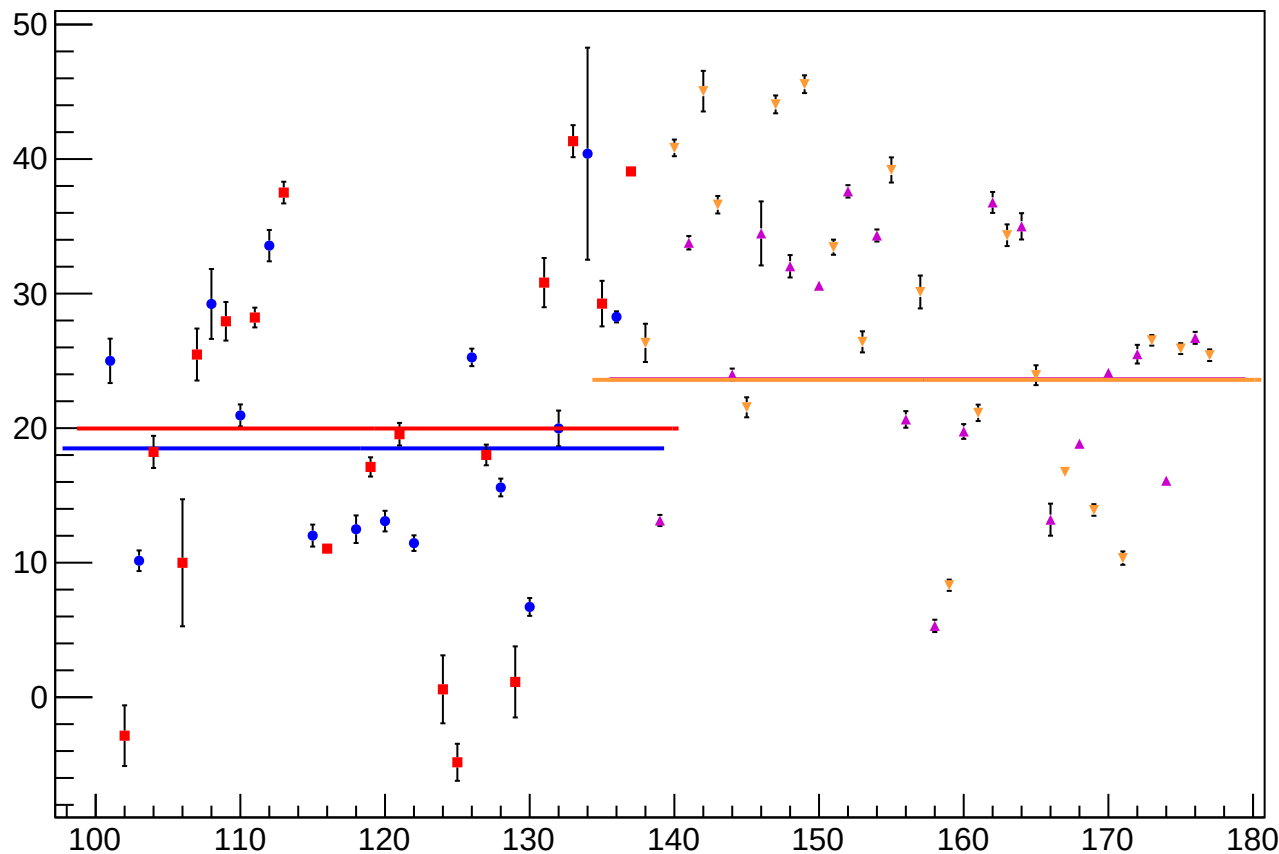
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.069 ± 0.003 $\chi^2/\text{NDF}: 1191166.3/33$

Out: 6.798 ± 0.003 $\chi^2/\text{NDF}: 1520752.8/38$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2715535.5/72$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.591 $\pm$ 0.118 χ^2 /NDF: 7592.3/20

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.635 $\pm$ 0.106 χ^2 /NDF: 6162.8/18

Left: 23.615 $\pm$ 0.079 χ^2 /NDF: 13755.2/39

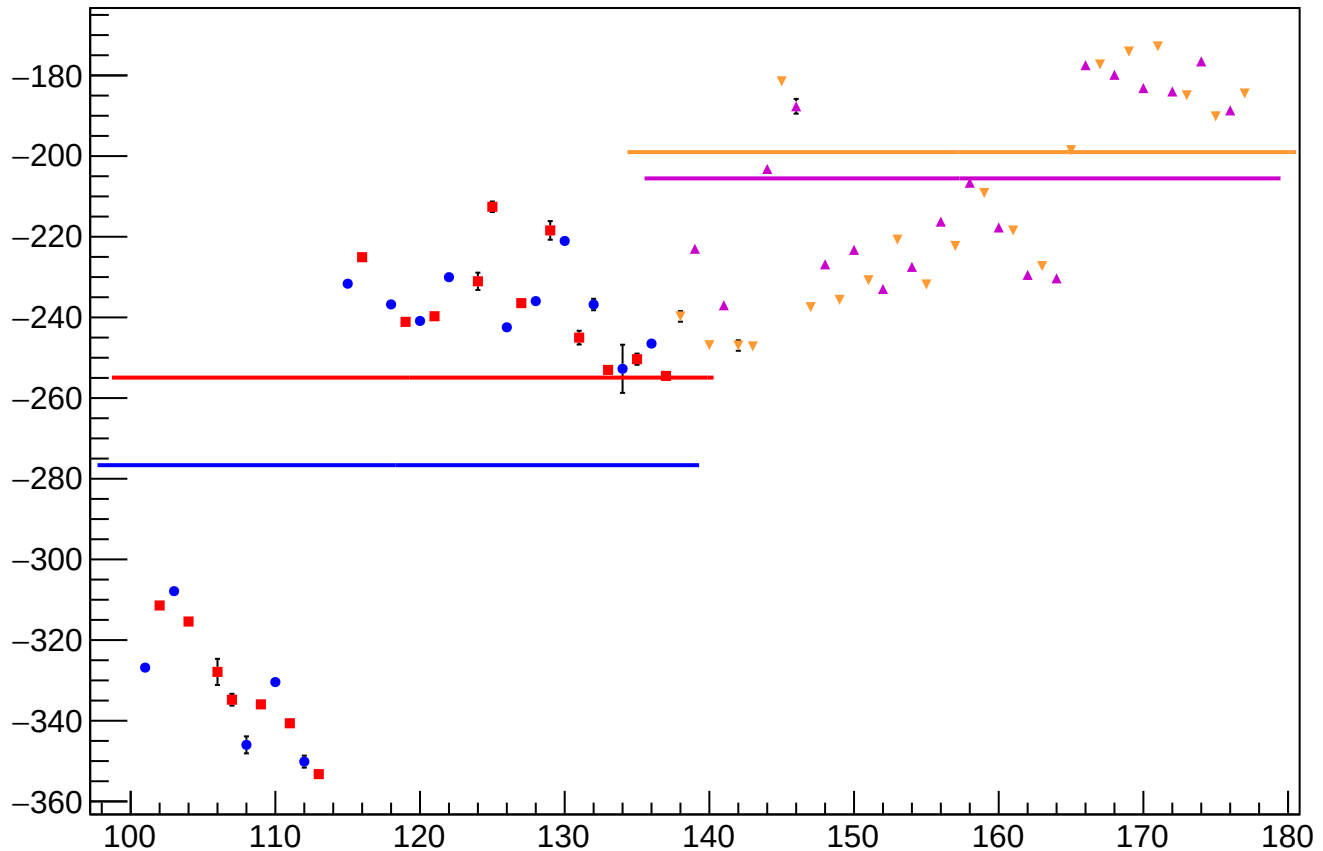
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.511 $\pm$ 0.094 χ^2 /NDF: 8315.1/33

Out: 21.965 $\pm$ 0.087 χ^2 /NDF: 17218.7/38

All: 22.219 $\pm$ 0.064 χ^2 /NDF: 25552.0/72

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -199.015 ± 0.098 $\chi^2/\text{NDF}: 64498.1/20$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -205.534 ± 0.093 $\chi^2/\text{NDF}: 55383.9/18$

Left: -202.433 ± 0.067 $\chi^2/\text{NDF}: 122217.1/39$

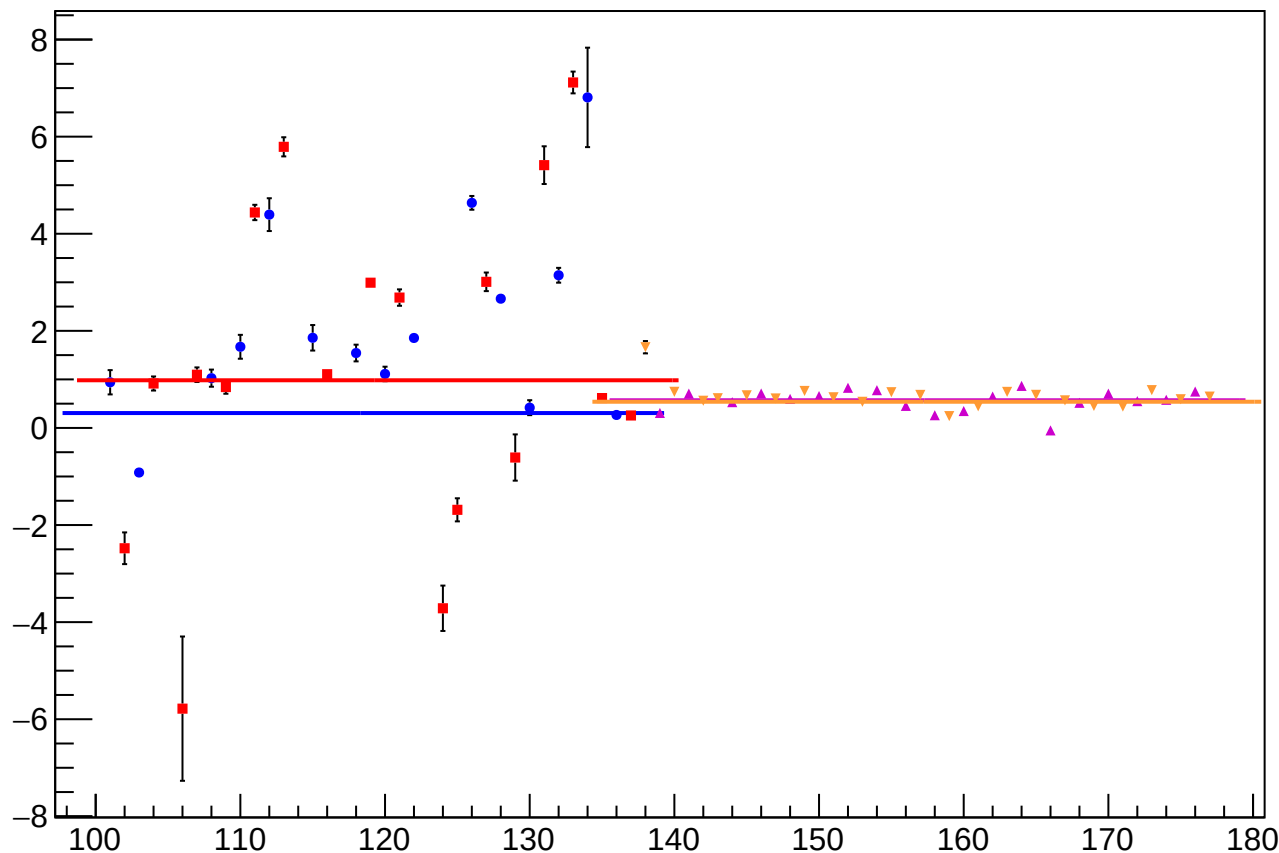
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -225.761 ± 0.079 $\chi^2/\text{NDF}: 298671.7/33$

Out: -235.515 ± 0.058 $\chi^2/\text{NDF}: 350286.1/38$

All: -232.116 ± 0.046 $\chi^2/\text{NDF}: 658967.7/72$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.540 ± 0.002 $\chi^2/\text{NDF}: 9846.4/20$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.570 ± 0.002 $\chi^2/\text{NDF}: 15641.5/18$

Left: 0.557 ± 0.001 $\chi^2/\text{NDF}: 25639.0/39$

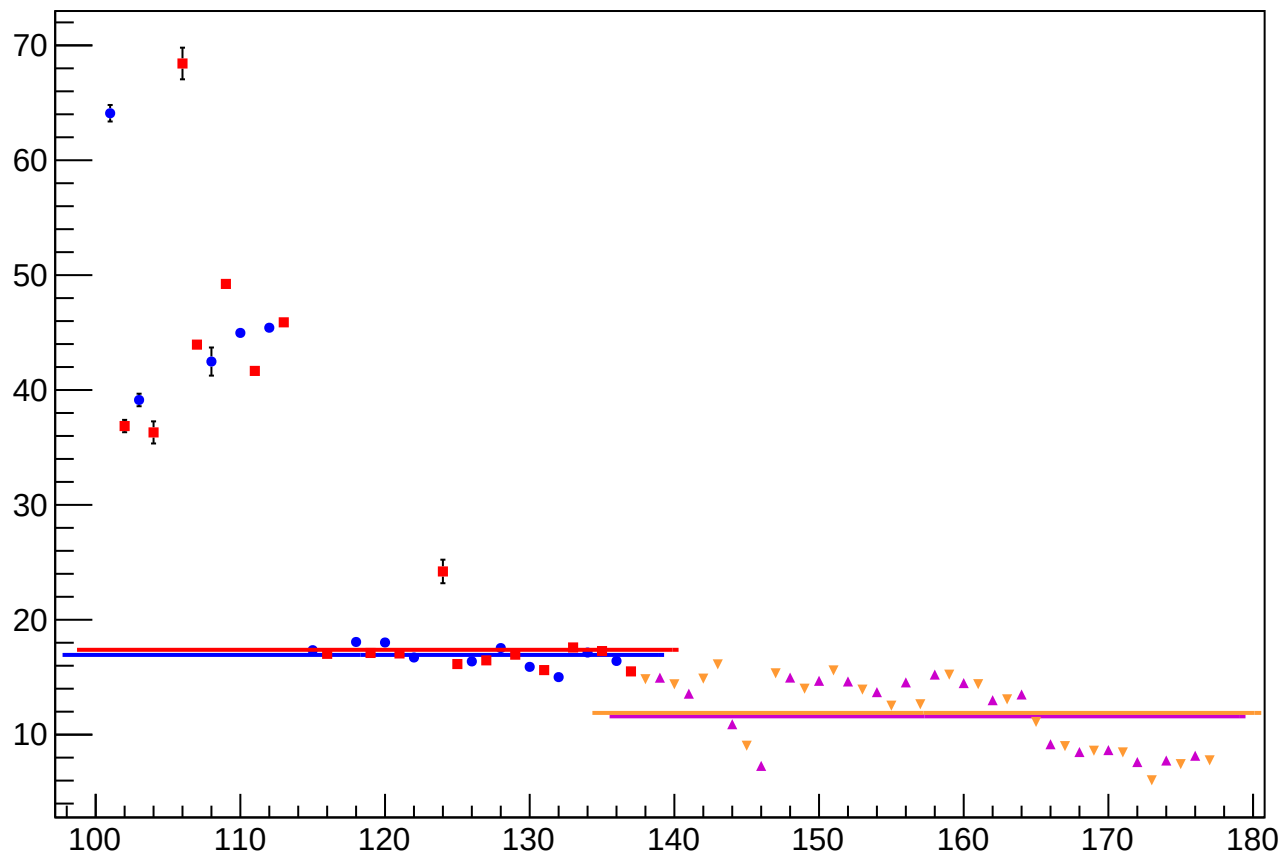
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.555 ± 0.002 $\chi^2/\text{NDF}: 19915.2/33$

Out: 0.547 ± 0.002 $\chi^2/\text{NDF}: 14114.4/38$

All: 0.552 ± 0.001 $\chi^2/\text{NDF}: 34042.7/72$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 11.891 $\pm$ 0.008 χ^2 /NDF: 202596.2/20

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 11.594 $\pm$ 0.007 χ^2 /NDF: 191168.0/18

Left: 11.735 $\pm$ 0.005 χ^2 /NDF: 394593.3/39

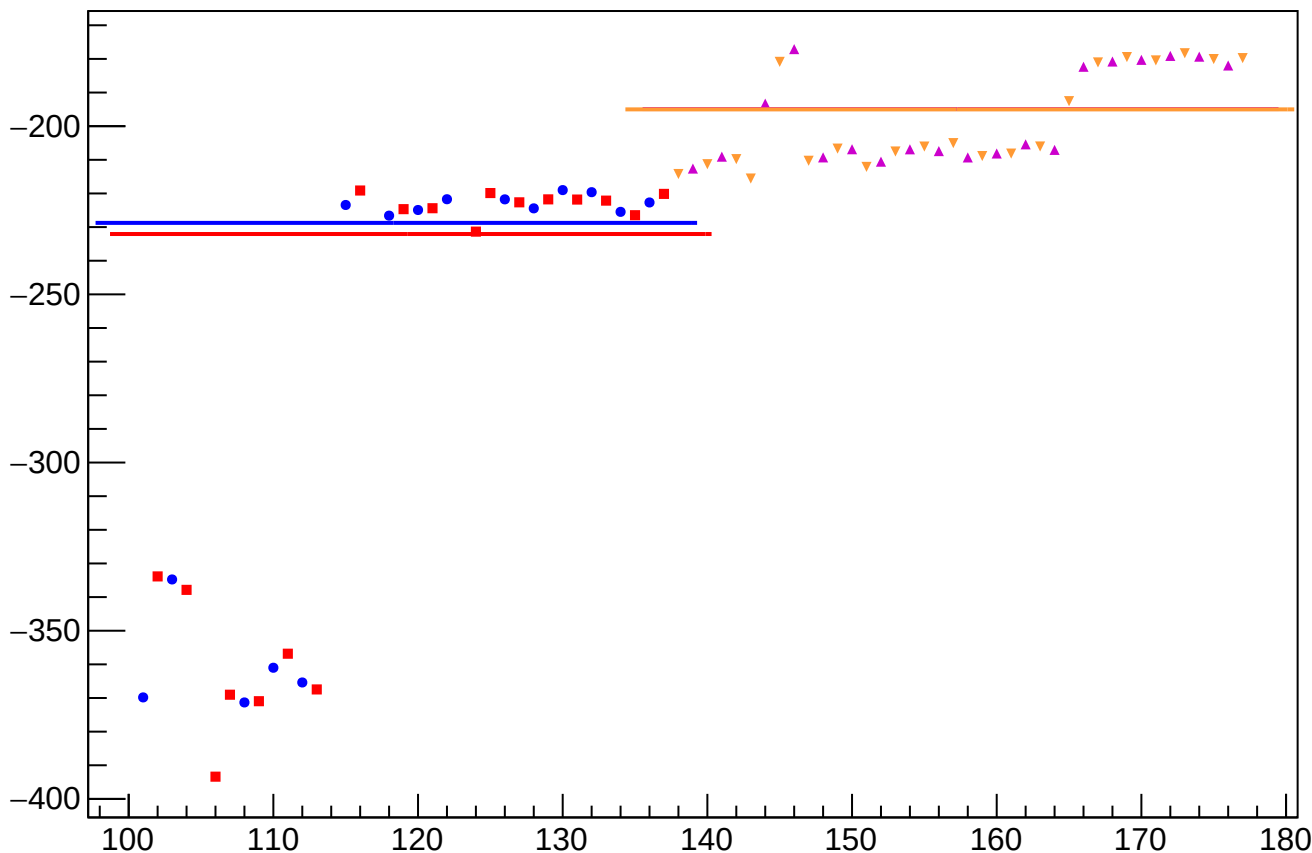
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 12.848 $\pm$ 0.006 χ^2 /NDF: 352343.0/33

Out: 12.737 $\pm$ 0.007 χ^2 /NDF: 346263.0/38

All: 12.798 $\pm$ 0.005 χ^2 /NDF: 698748.4/72

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -195.004 ± 0.014 $\chi^2/\text{NDF}: 1134289.4/20$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -194.901 ± 0.013 $\chi^2/\text{NDF}: 1173092.8/18$

Left: -194.949 ± 0.009 $\chi^2/\text{NDF}: 2307412.0/39$

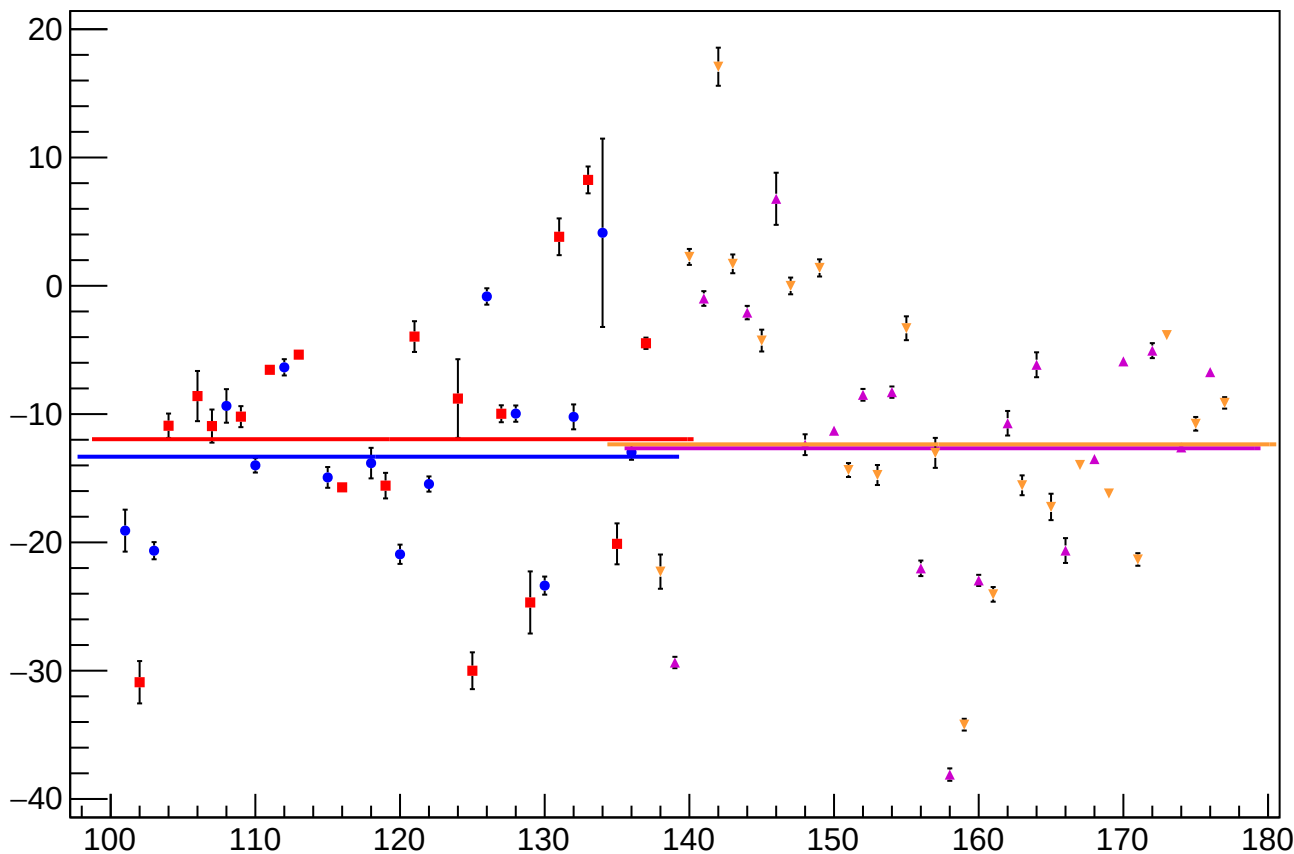
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -198.995 ± 0.012 $\chi^2/\text{NDF}: 2667850.3/33$

Out: -198.738 ± 0.013 $\chi^2/\text{NDF}: 2649608.5/38$

All: -198.877 ± 0.009 $\chi^2/\text{NDF}: 5317666.9/72$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -12.357 ± 0.121 χ^2/NDF : 6185.2/20

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.662 ± 0.107 χ^2/NDF : 7184.5/18

Left: -12.529 ± 0.080 χ^2/NDF : 13373.3/39

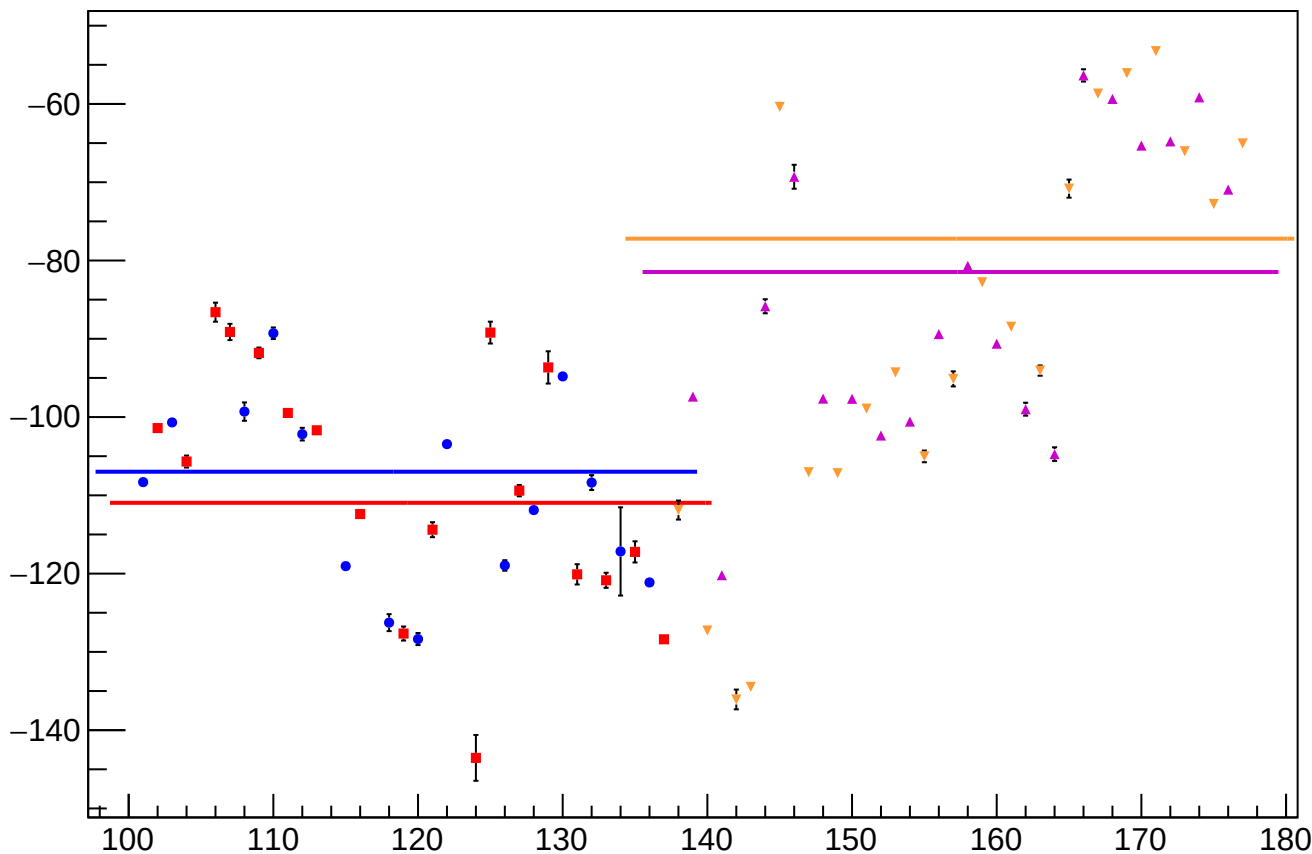
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.815 ± 0.093 χ^2/NDF : 8206.4/33

Out: -12.143 ± 0.082 χ^2/NDF : 8678.2/38

All: -12.437 ± 0.062 χ^2/NDF : 16913.8/72

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -77.207 ± 0.098 $\chi^2/\text{NDF}: 53016.2/20$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.468 ± 0.091 $\chi^2/\text{NDF}: 41633.0/18$

Left: -79.489 ± 0.067 $\chi^2/\text{NDF}: 95659.3/39$

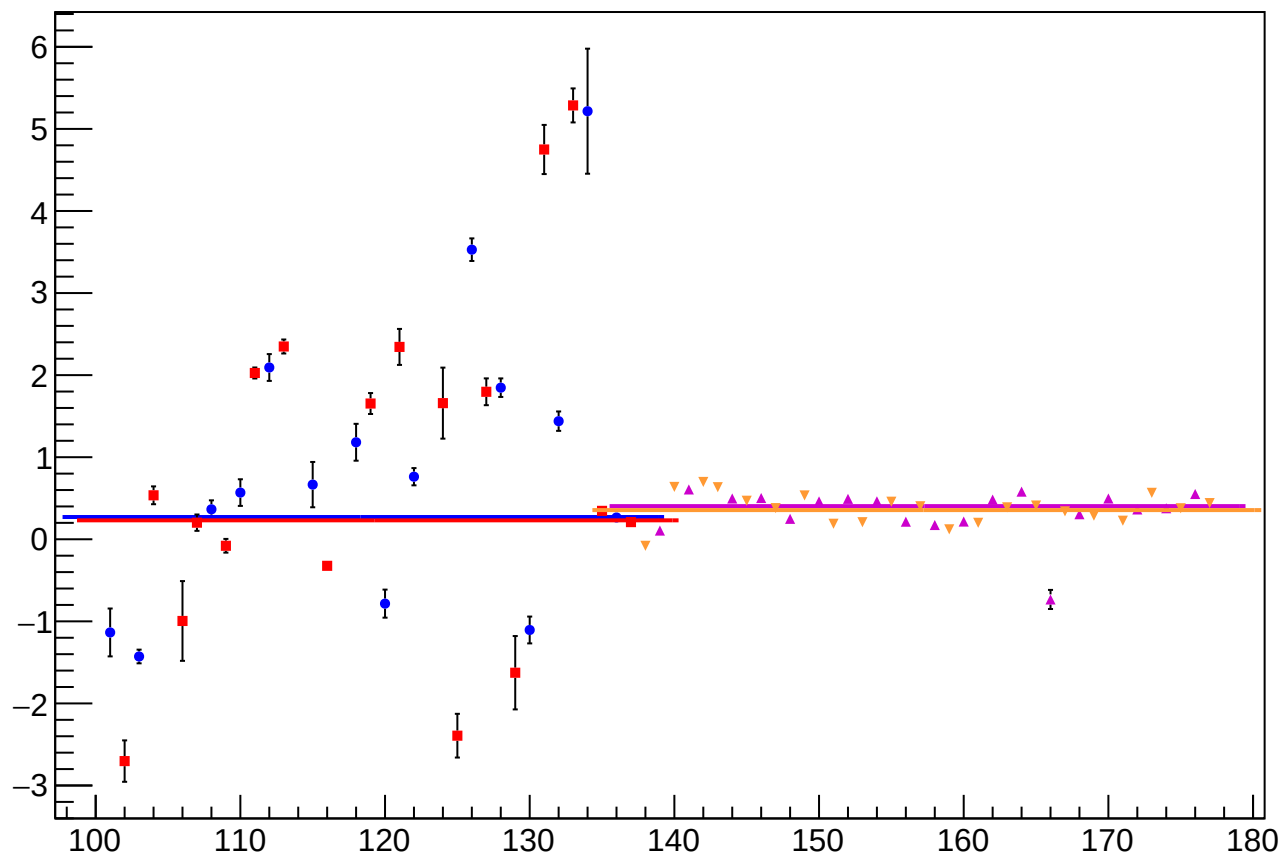
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -91.885 ± 0.070 $\chi^2/\text{NDF}: 78114.2/33$

Out: -103.956 ± 0.045 $\chi^2/\text{NDF}: 157481.0/38$

All: -100.483 ± 0.038 $\chi^2/\text{NDF}: 256595.8/72$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.355 ± 0.002 $\chi^2/\text{NDF}: 9081.9/20$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.404 ± 0.002 $\chi^2/\text{NDF}: 9458.4/18$

Left: 0.383 ± 0.001 $\chi^2/\text{NDF}: 18959.6/39$

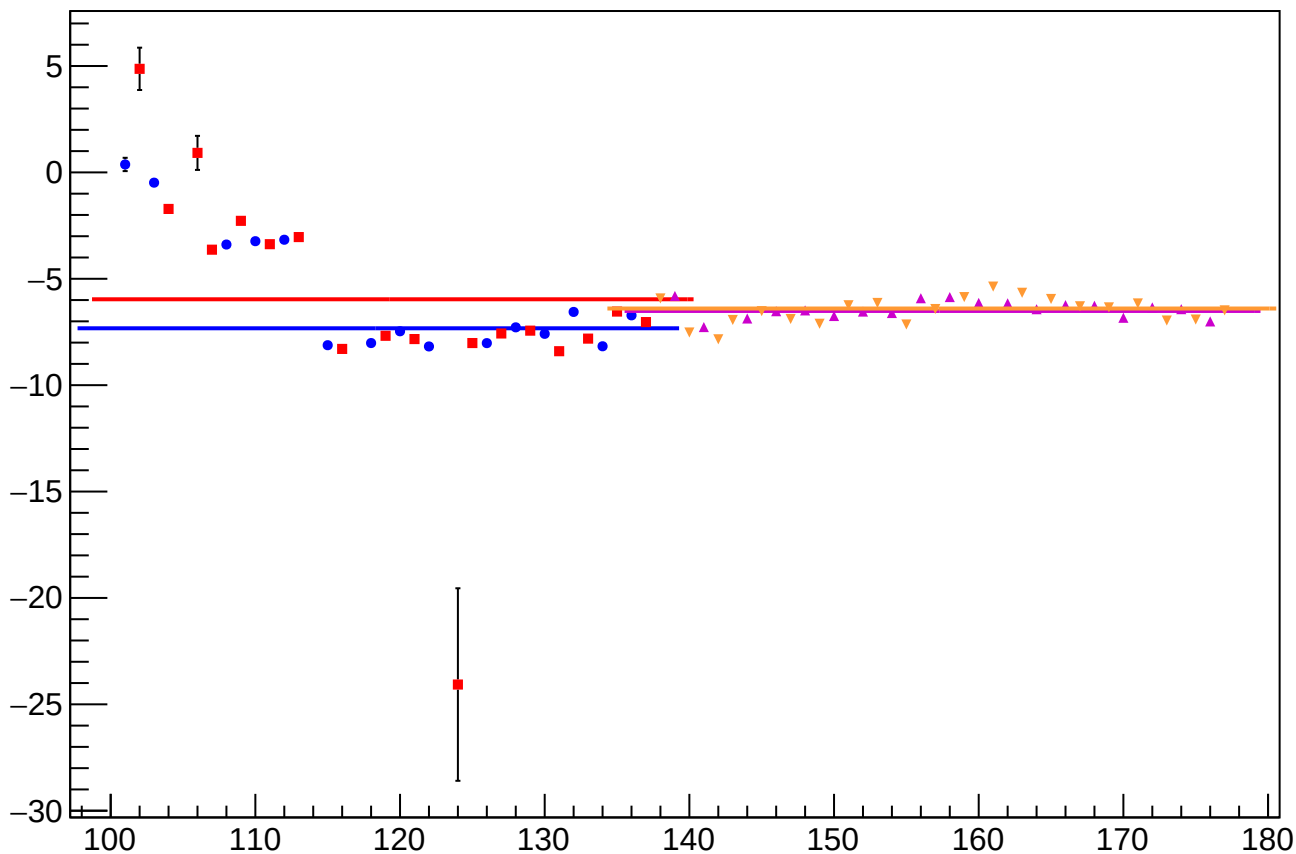
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.394 ± 0.001 $\chi^2/\text{NDF}: 11644.3/33$

Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 12674.0/38$

All: 0.369 ± 0.001 $\chi^2/\text{NDF}: 24939.6/72$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.398 ± 0.005 $\chi^2/\text{NDF}: 6526.0/20$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.512 ± 0.005 $\chi^2/\text{NDF}: 6699.7/18$

Left: -6.458 ± 0.003 $\chi^2/\text{NDF}: 13501.5/39$

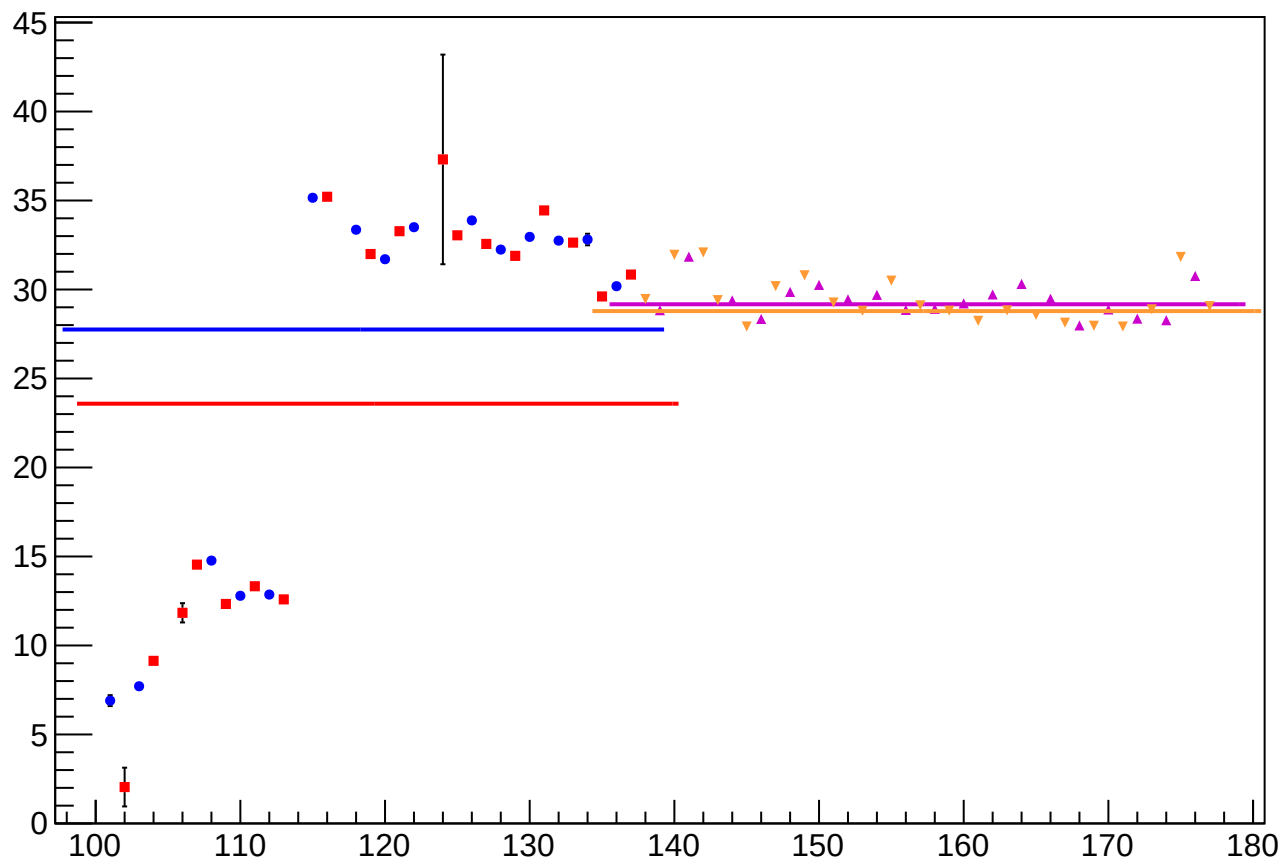
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.707 ± 0.004 $\chi^2/\text{NDF}: 44384.7/33$

Out: -6.291 ± 0.004 $\chi^2/\text{NDF}: 80177.3/38$

All: -6.511 ± 0.003 $\chi^2/\text{NDF}: 129406.0/72$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.787 $\pm$ 0.009 χ^2 /NDF:14290.1/20

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.171 $\pm$ 0.009 χ^2 /NDF:7866.4/18

Left: 28.984 $\pm$ 0.006 χ^2 /NDF: 23127.2/39

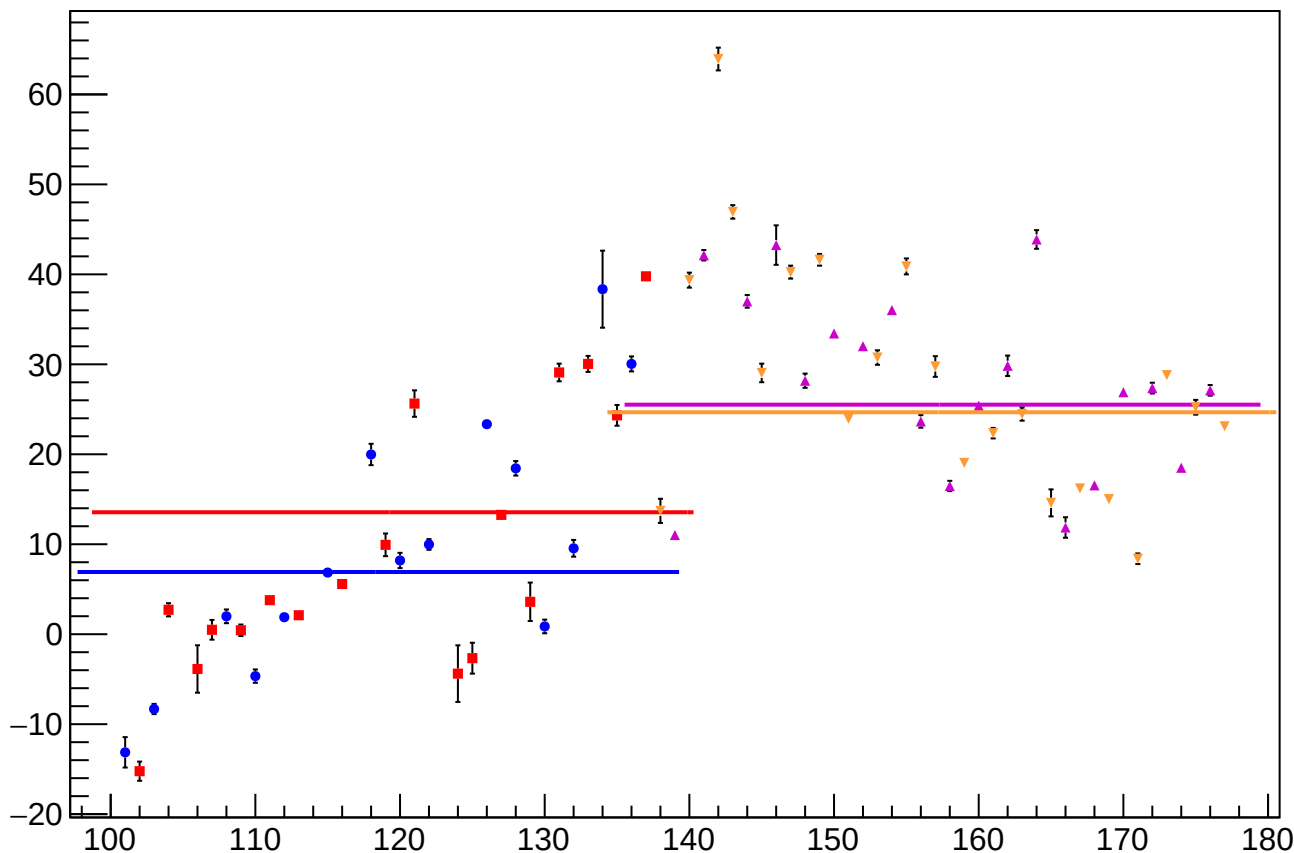
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.821 $\pm$ 0.007 χ^2 /NDF:347503.2/33

Out: 27.265 $\pm$ 0.007 χ^2 /NDF:655711.9/38

All: 28.038 $\pm$ 0.005 χ^2 /NDF: 1025093.3/72

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.673 ± 0.135 $\chi^2/\text{NDF}: 5977.3/20$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.514 ± 0.118 $\chi^2/\text{NDF}: 5819.8/18$

Left: 25.149 ± 0.089 $\chi^2/\text{NDF}: 11818.9/39$

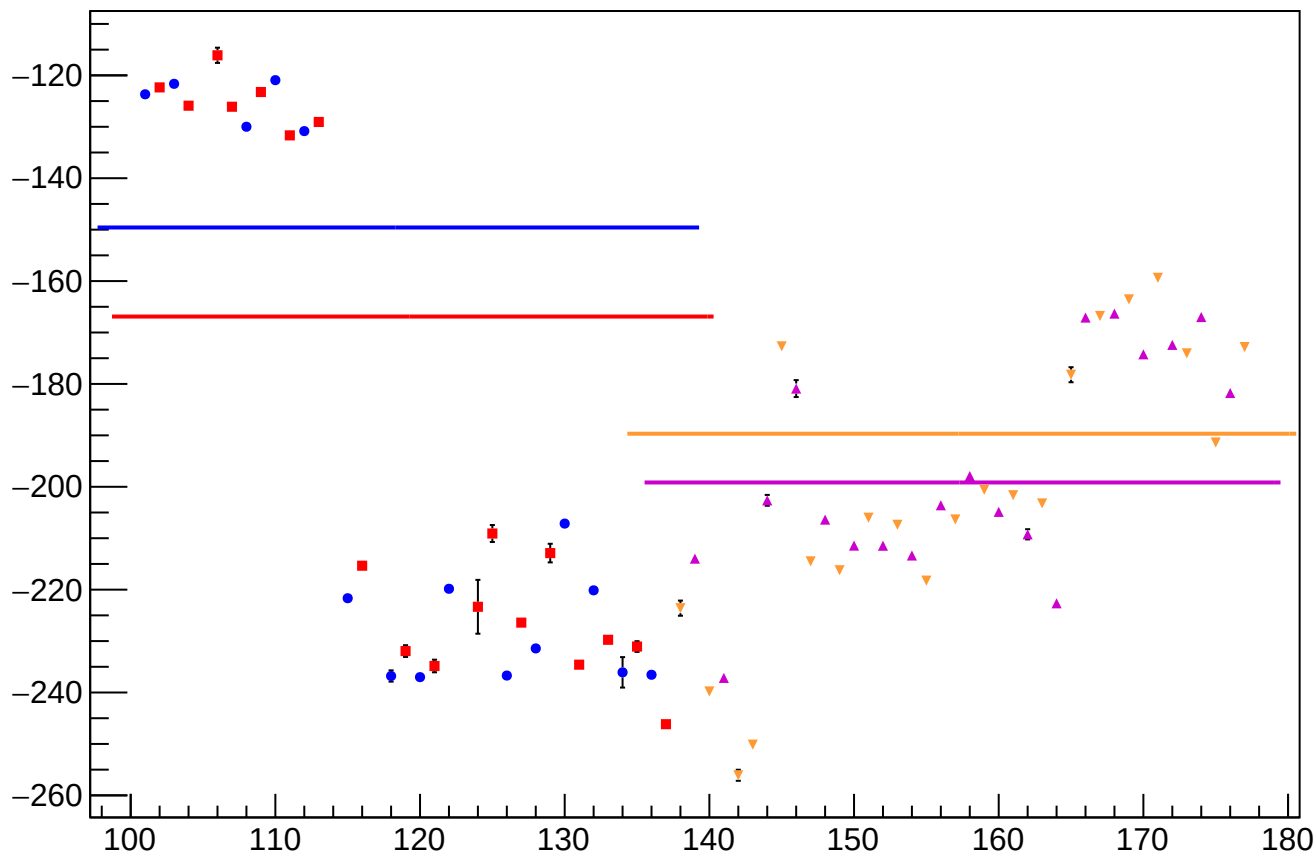
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.749 ± 0.098 $\chi^2/\text{NDF}: 16979.7/33$

Out: 19.514 ± 0.099 $\chi^2/\text{NDF}: 20781.2/38$

All: 19.632 ± 0.070 $\chi^2/\text{NDF}: 37763.8/72$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2/NDF : 195091.5/14

Left Out: -189.679 $\pm$ 0.111 χ^2/NDF : 49264.5/20

Right Out: -166.899 $\pm$ 0.101 χ^2/NDF : 295489.9/17

Left In: -199.159 $\pm$ 0.102 χ^2/NDF : 39874.4/18

Left: -194.808 $\pm$ 0.075 χ^2/NDF : 93109.0/39

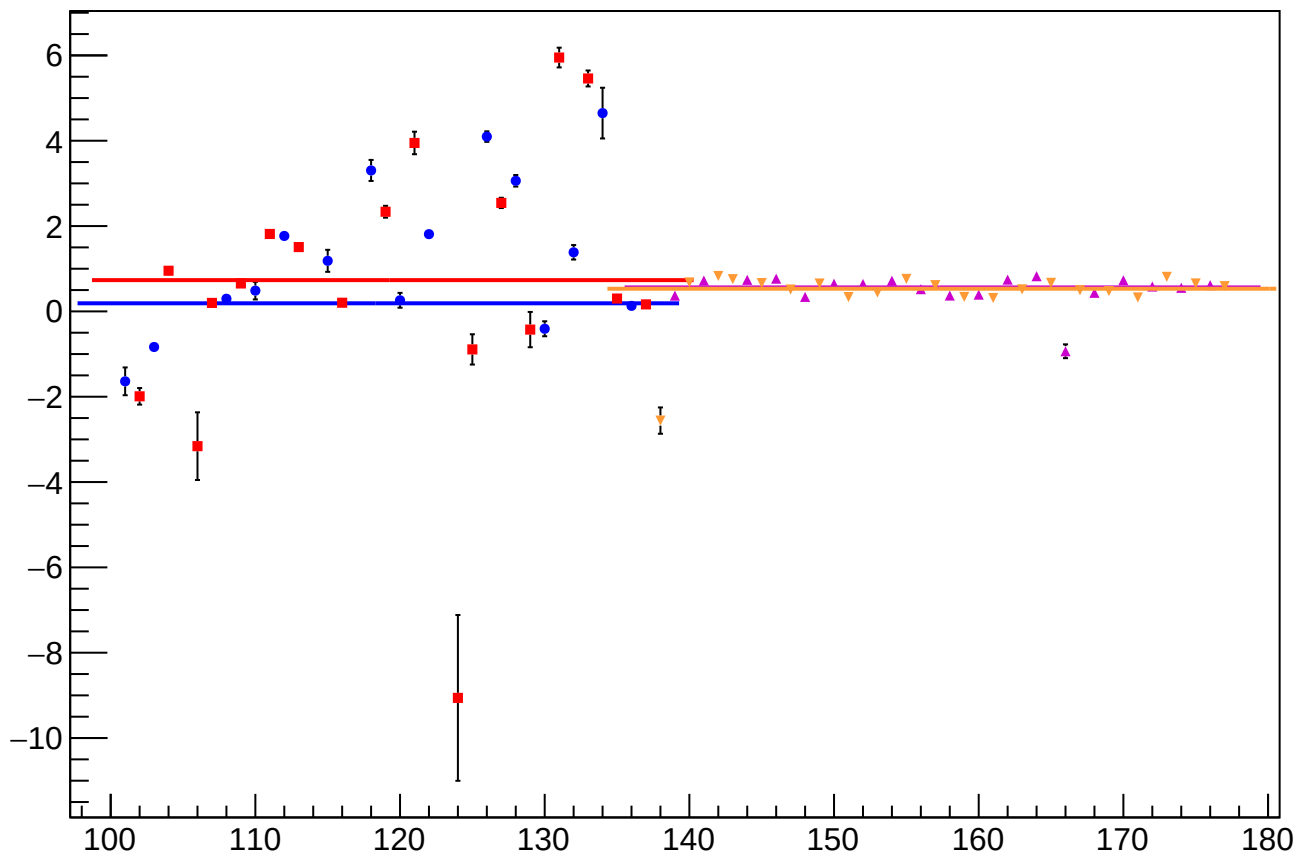
Right: -158.264 $\pm$ 0.071 χ^2/NDF : 505360.9/32

In: -174.111 $\pm$ 0.072 χ^2/NDF : 354493.5/33

Out: -177.205 $\pm$ 0.074 χ^2/NDF : 367958.0/38

All: -175.600 $\pm$ 0.052 χ^2/NDF : 723347.9/72

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.531 $\pm$ 0.002 χ^2 /NDF:8093.9/20

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.562 $\pm$ 0.002 χ^2 /NDF:5341.7/18

Left: 0.547 $\pm$ 0.001 χ^2 /NDF: 13551.5/39

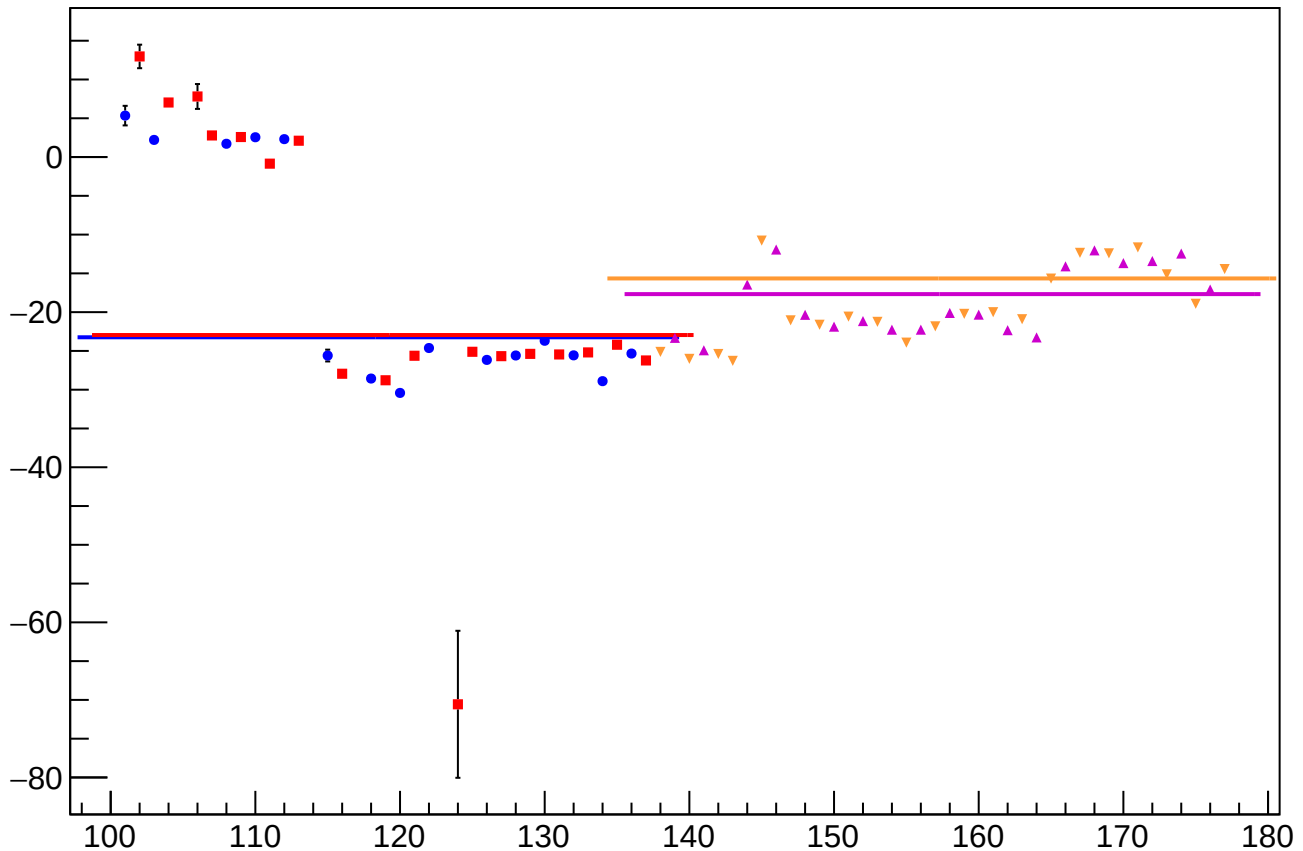
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.543 $\pm$ 0.002 χ^2 /NDF:9845.3/33

Out: 0.533 $\pm$ 0.002 χ^2 /NDF:10863.9/38

All: 0.539 $\pm$ 0.001 χ^2 /NDF: 20721.7/72

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.654 ± 0.012 $\chi^2/\text{NDF}: 176680.7/20$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.674 ± 0.012 $\chi^2/\text{NDF}: 120155.7/18$

Left: -16.634 ± 0.008 $\chi^2/\text{NDF}: 311797.1/39$

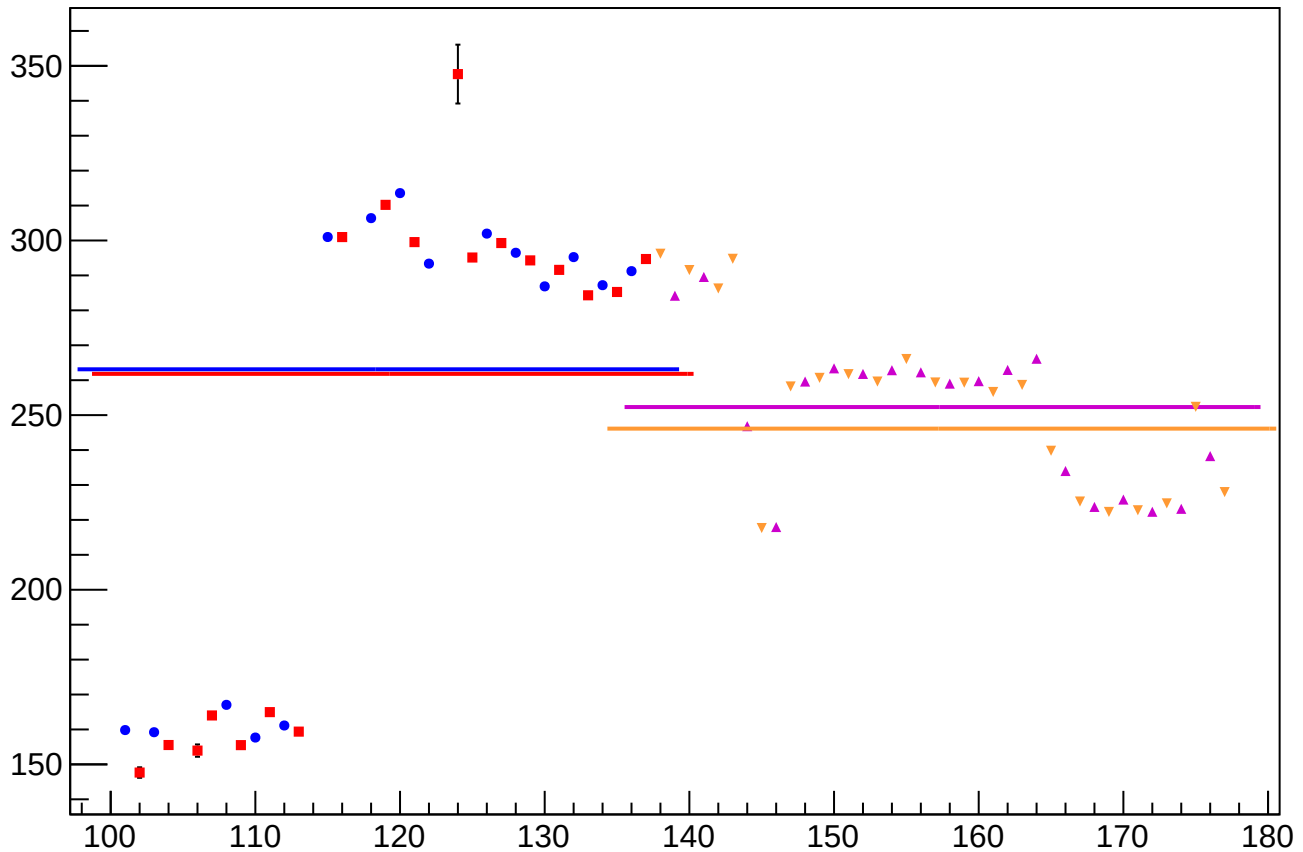
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.711 ± 0.011 $\chi^2/\text{NDF}: 264379.1/33$

Out: -16.955 ± 0.010 $\chi^2/\text{NDF}: 356488.3/38$

All: -17.811 ± 0.007 $\chi^2/\text{NDF}: 634696.7/72$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.133 $\pm$ 0.029 χ^2 /NDF: 676928.7/20

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.313 $\pm$ 0.029 χ^2 /NDF: 356933.7/18

Left: 249.210 $\pm$ 0.020 χ^2 /NDF: 1057247.3/39

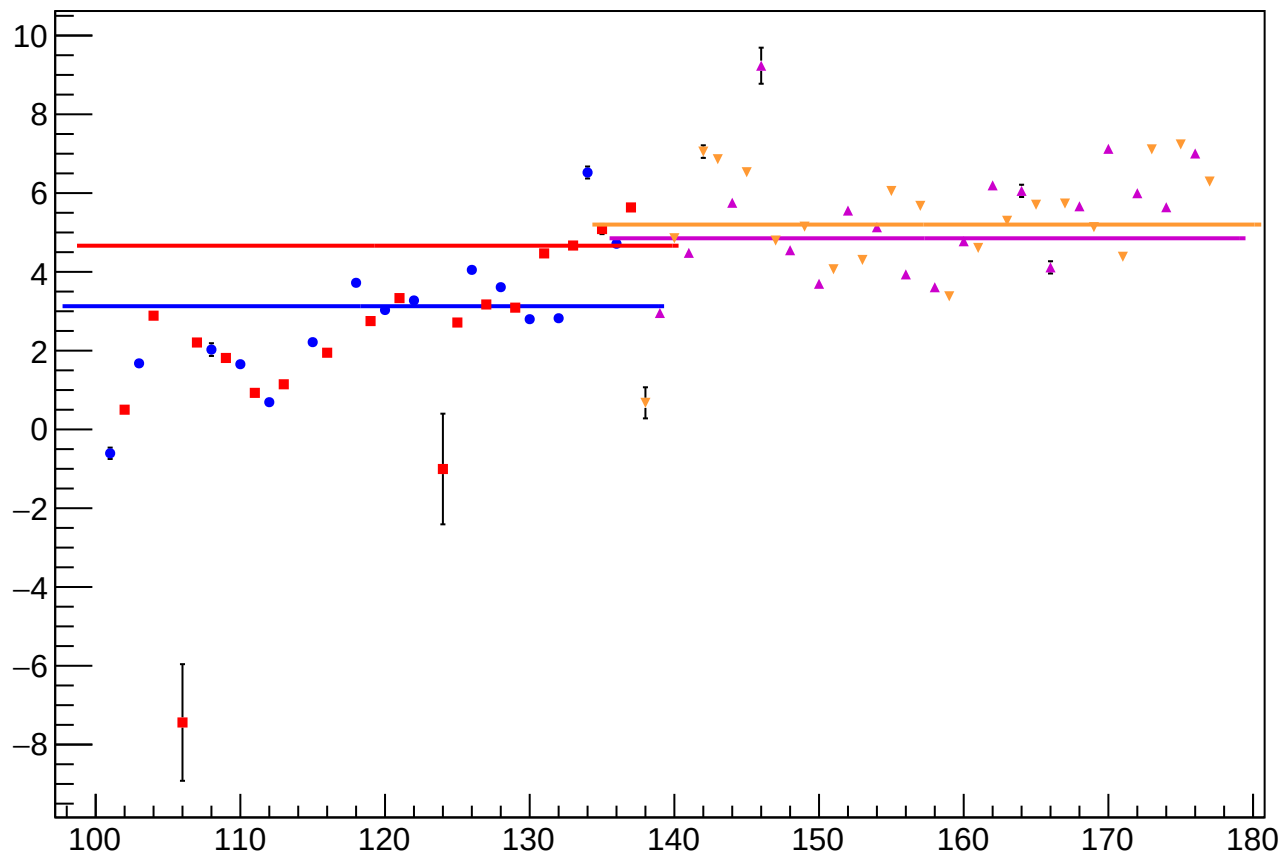
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.898 $\pm$ 0.026 χ^2 /NDF: 1070708.8/33

Out: 248.988 $\pm$ 0.026 χ^2 /NDF: 1738176.2/38

All: 251.381 $\pm$ 0.018 χ^2 /NDF: 2826548.4/72

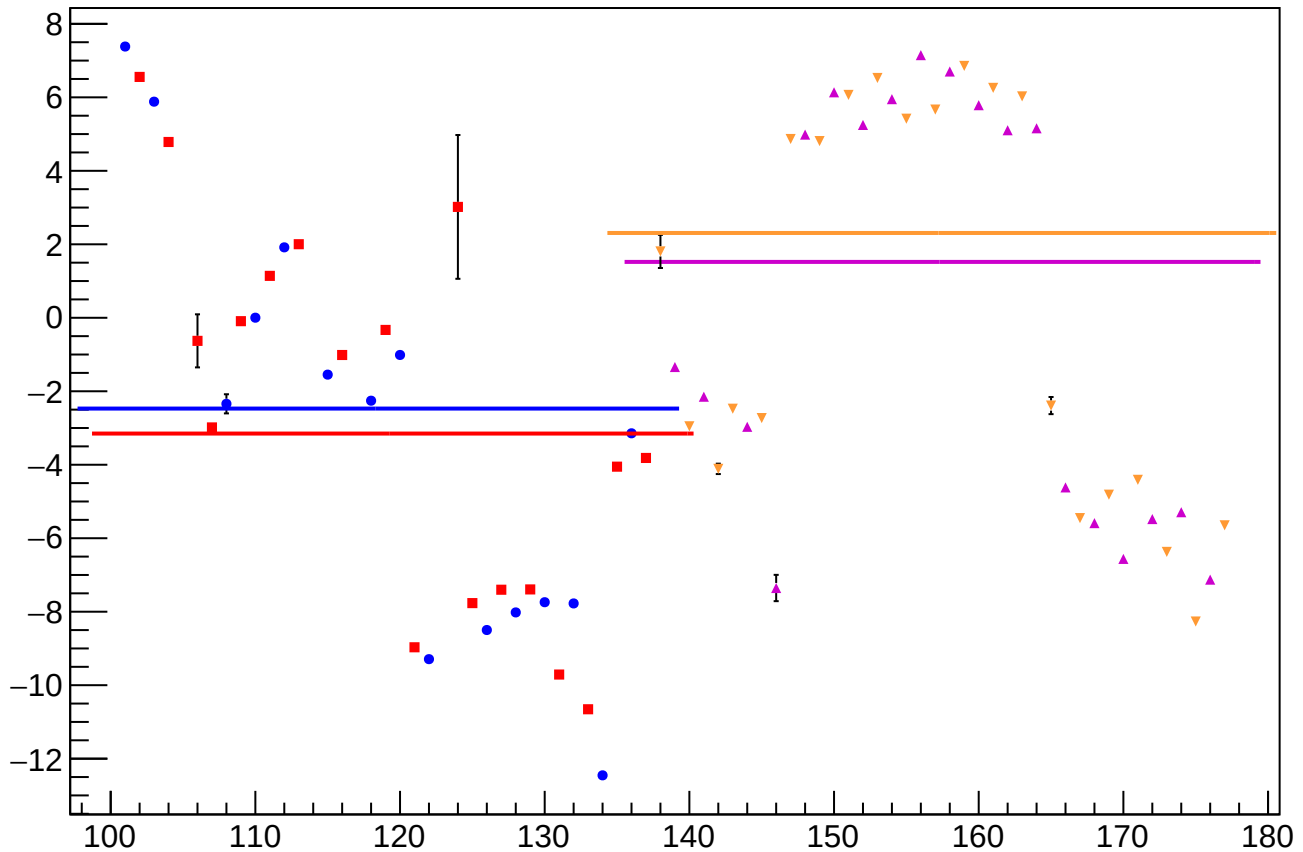
dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$
 Left Out: 5.201 ± 0.014 $\chi^2/\text{NDF}: 4415.7/20$
 Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$
 Left In: 4.853 ± 0.013 $\chi^2/\text{NDF}: 9925.0/18$

Left: 5.014 ± 0.010 $\chi^2/\text{NDF}: 14663.7/39$
 Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$
 In: 4.141 ± 0.010 $\chi^2/\text{NDF}: 22621.8/33$
 Out: 4.754 ± 0.006 $\chi^2/\text{NDF}: 72471.1/38$
 All: 4.603 ± 0.005 $\chi^2/\text{NDF}: 97857.3/72$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 2.308 ± 0.012 χ^2/NDF : 175522.1/20

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 1.521 ± 0.012 χ^2/NDF : 215820.7/18

Left: 1.903 ± 0.008 χ^2/NDF : 393611.4/39

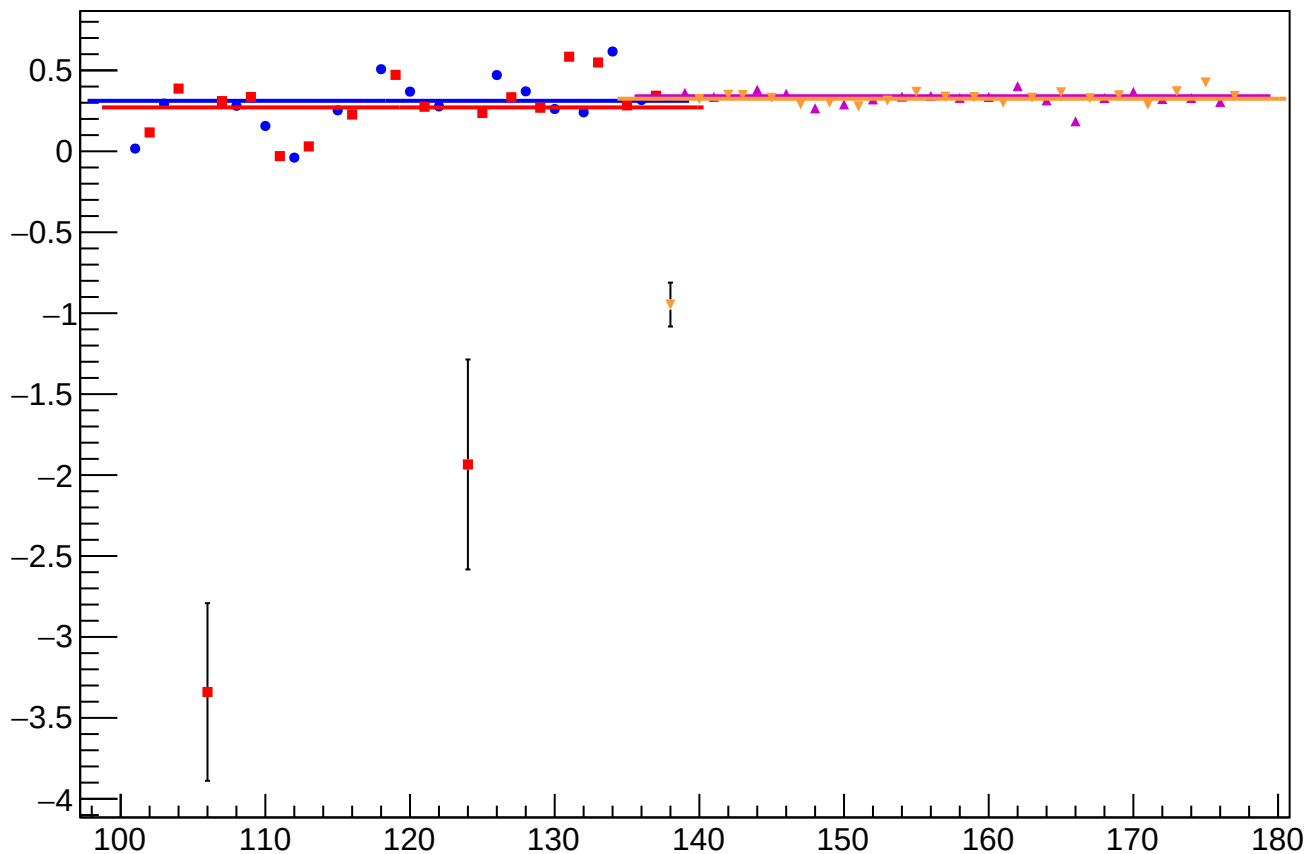
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.075 ± 0.009 χ^2/NDF : 506474.6/33

Out: -1.613 ± 0.006 χ^2/NDF : 574936.1/38

All: -1.101 ± 0.005 χ^2/NDF : 1101247.4/72

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2558.8/20$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.340 ± 0.001 $\chi^2/\text{NDF}: 3334.2/18$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 6248.7/39$

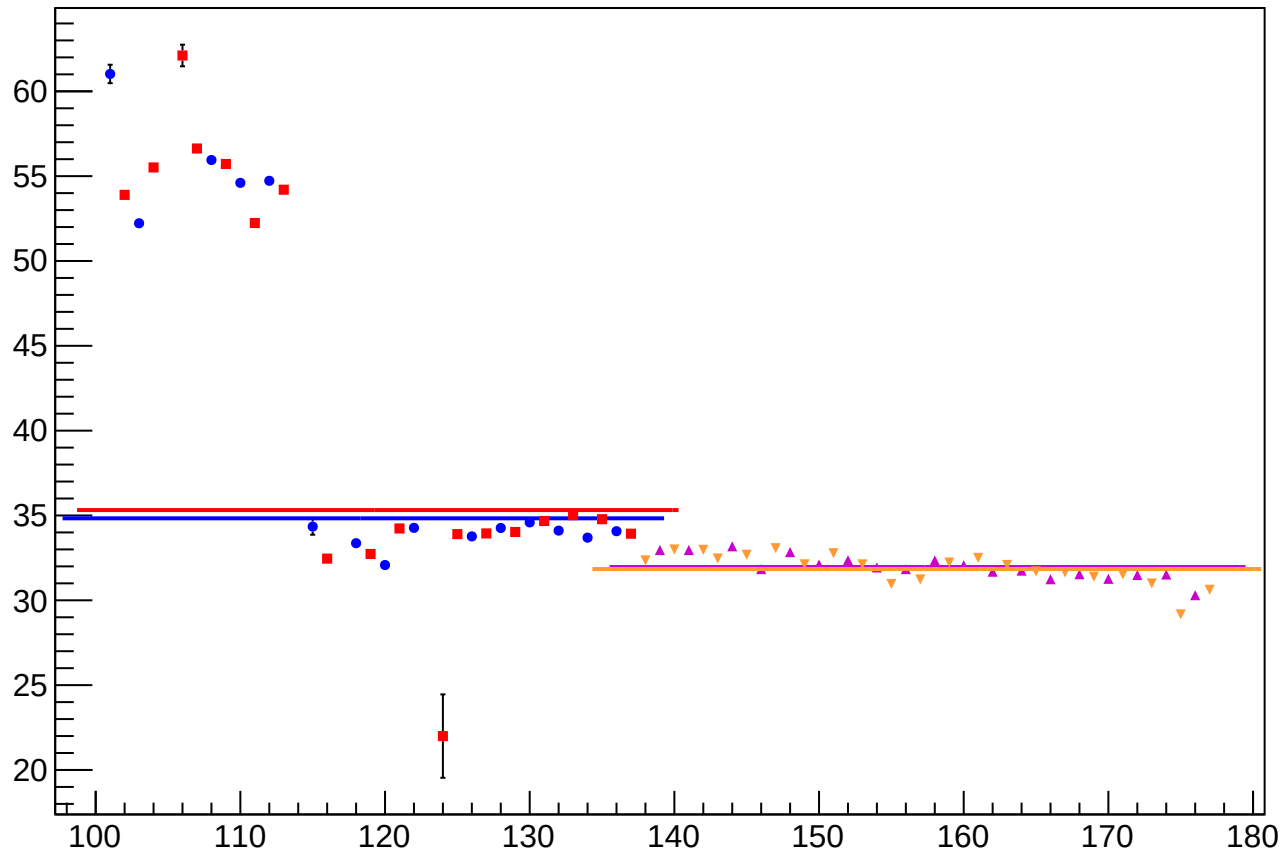
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 5059.9/33$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9302.0/38$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14730.2/72$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.843 $\pm$ 0.003 χ^2 /NDF: 28201.8/20

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.964 $\pm$ 0.004 χ^2 /NDF: 15403.6/18

Left: 31.896 $\pm$ 0.002 χ^2 /NDF: 44207.7/39

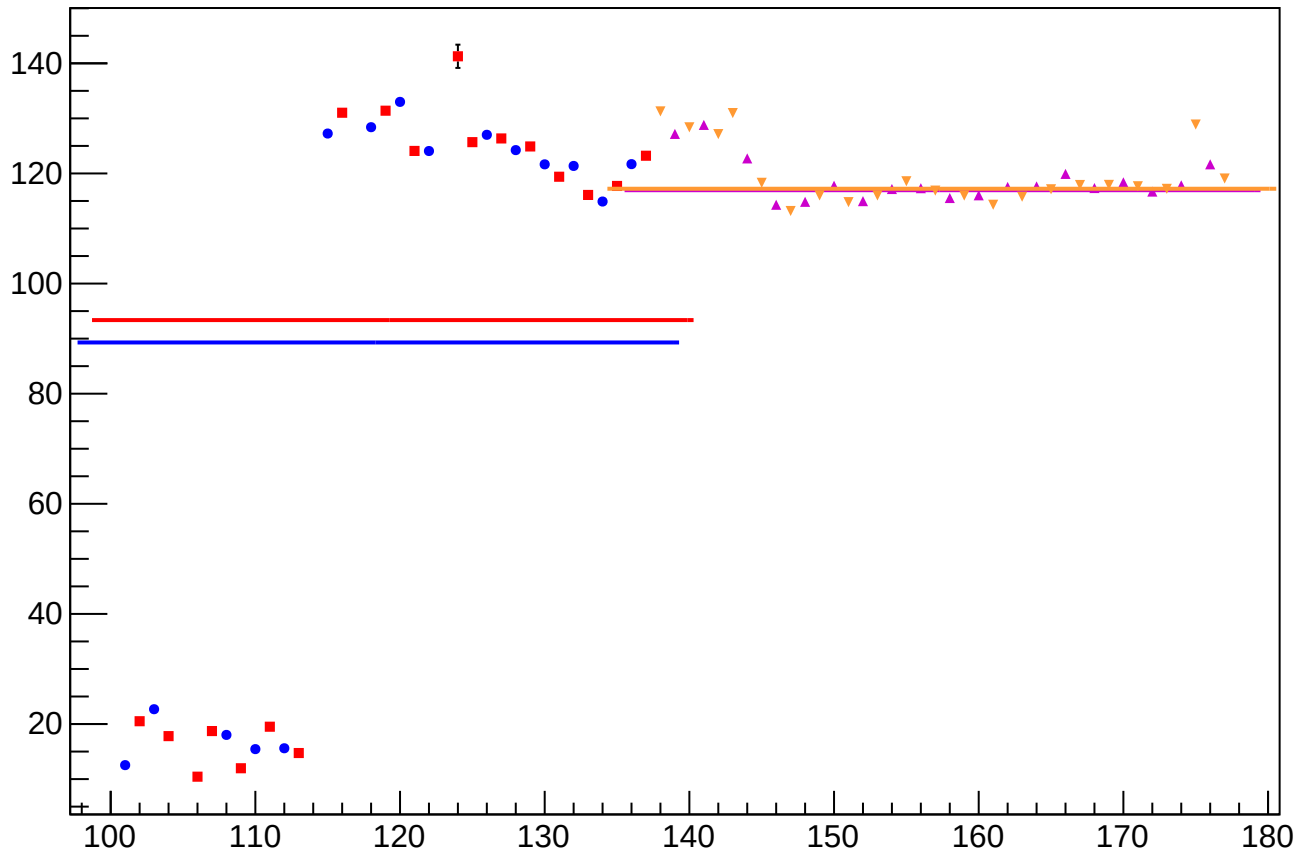
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.405 $\pm$ 0.003 χ^2 /NDF: 354629.0/33

Out: 32.180 $\pm$ 0.003 χ^2 /NDF: 399848.9/38

All: 32.282 $\pm$ 0.002 χ^2 /NDF: 756887.7/72

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 χ^2/NDF : 3034485.1/14

Left Out: 117.222 ± 0.008 χ^2/NDF : 125014.6/20

Right Out: 93.367 ± 0.030 χ^2/NDF : 2852493.6/17

Left In: 116.957 ± 0.009 χ^2/NDF : 44589.7/18

Left: 117.102 ± 0.006 χ^2/NDF : 170098.8/39

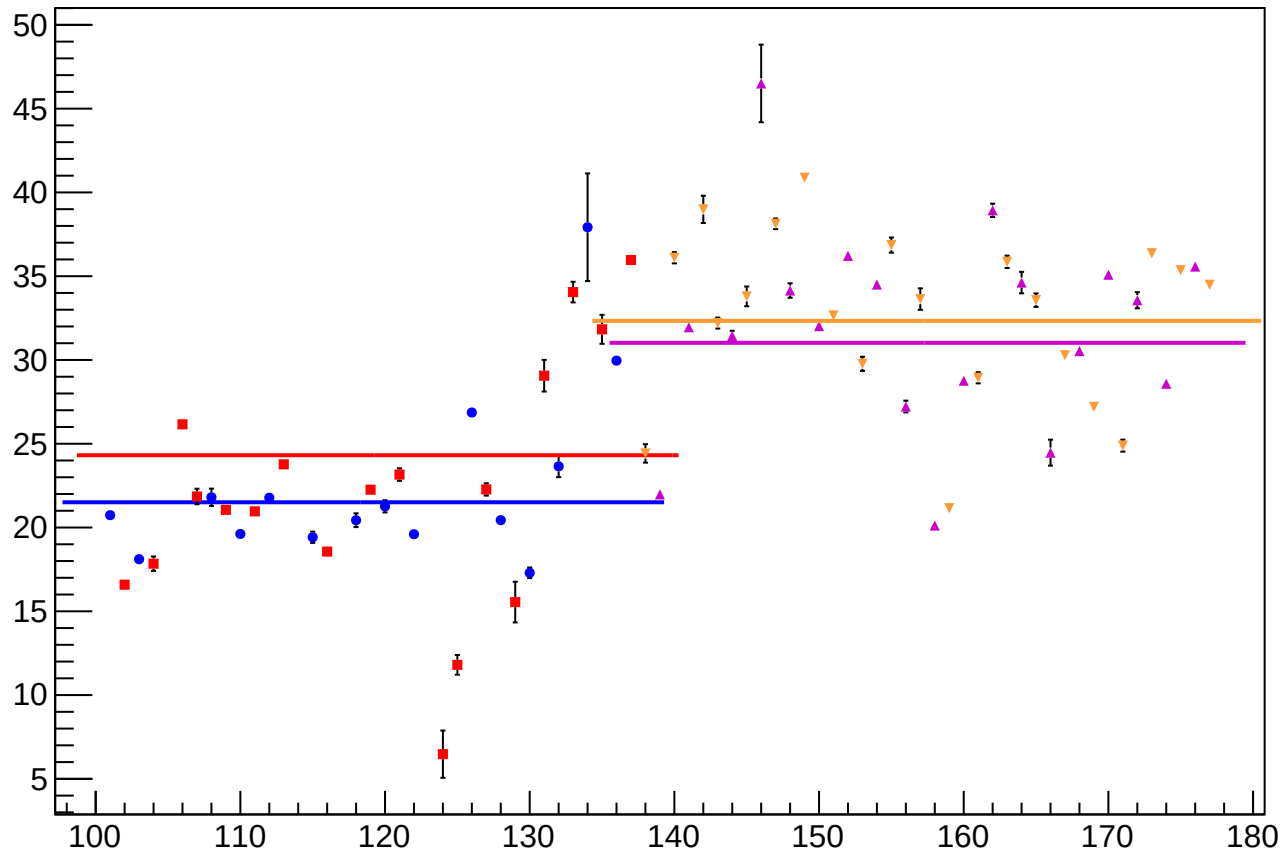
Right: 91.158 ± 0.020 χ^2/NDF : 5896996.6/32

In: 114.375 ± 0.008 χ^2/NDF : 4000130.5/33

Out: 115.629 ± 0.008 χ^2/NDF : 3569865.0/38

All: 115.053 ± 0.006 χ^2/NDF : 7582076.1/72

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 32.333 $\pm$ 0.071 χ^2 /NDF:5047.9/20

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.024 $\pm$ 0.063 χ^2 /NDF:5896.1/18

Left: 31.603 $\pm$ 0.047 χ^2 /NDF: 11135.5/39

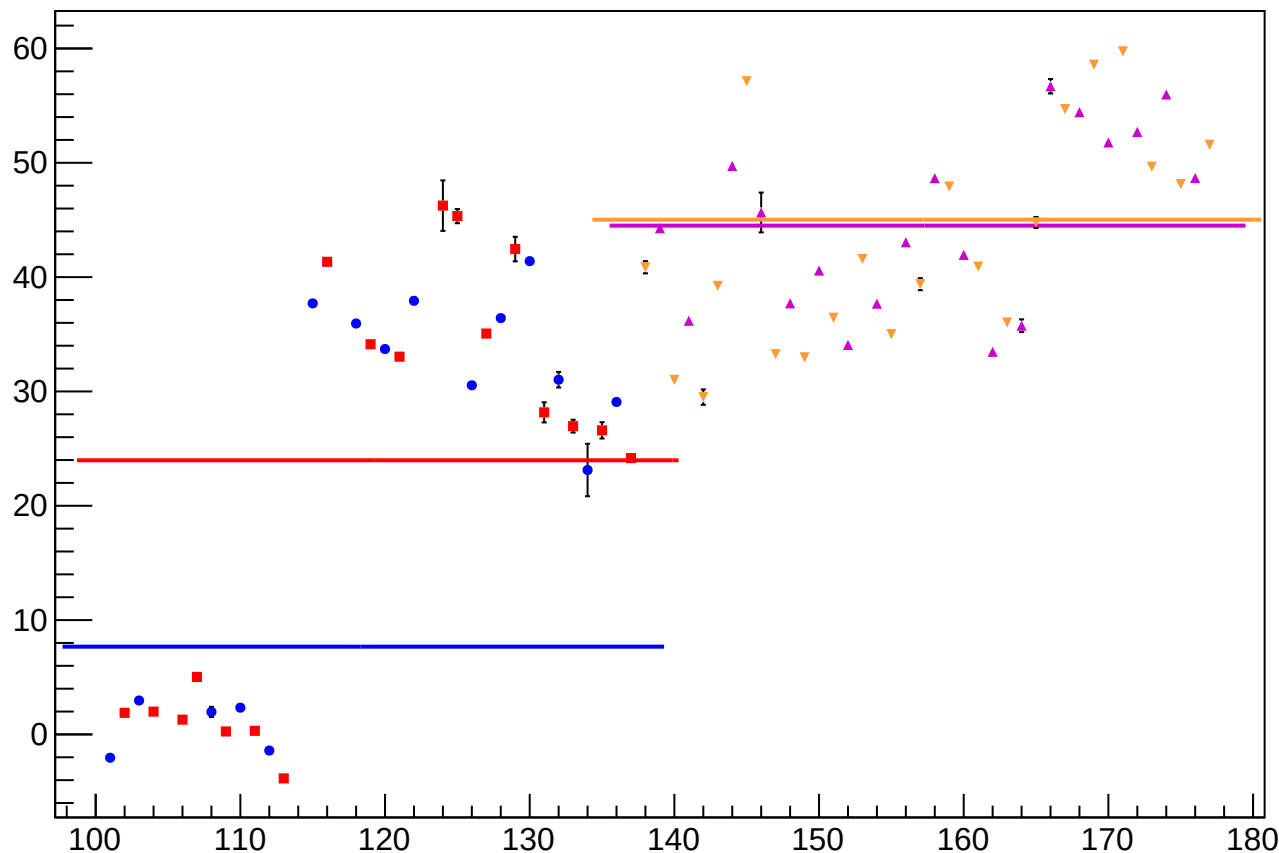
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 26.923 $\pm$ 0.047 χ^2 /NDF:18714.0/33

Out: 27.574 $\pm$ 0.045 χ^2 /NDF:26991.2/38

All: 27.266 $\pm$ 0.033 χ^2 /NDF: 45804.2/72

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 45.023 ± 0.059 χ^2/NDF : 22665.2/20

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 44.504 ± 0.053 χ^2/NDF : 16483.3/18

Left: 44.740 ± 0.039 χ^2/NDF : 39191.3/39

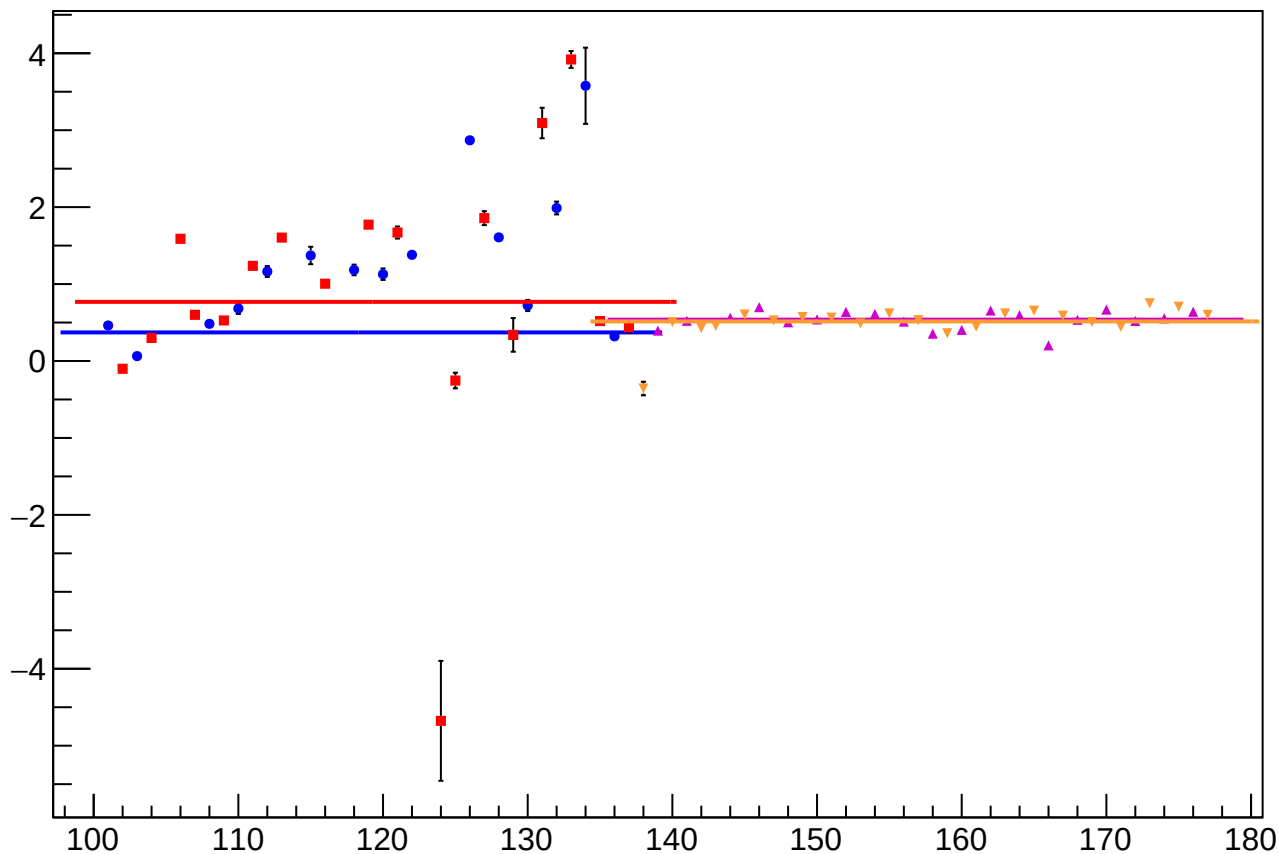
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 23.030 ± 0.035 χ^2/NDF : 389297.2/33

Out: 24.380 ± 0.008 χ^2/NDF : 260061.5/38

All: 24.310 ± 0.008 χ^2/NDF : 650807.4/72

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.515 ± 0.001 χ^2/NDF : 13277.1/20

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.537 ± 0.001 χ^2/NDF : 12262.4/18

Left: 0.527 ± 0.001 χ^2/NDF : 25798.8/39

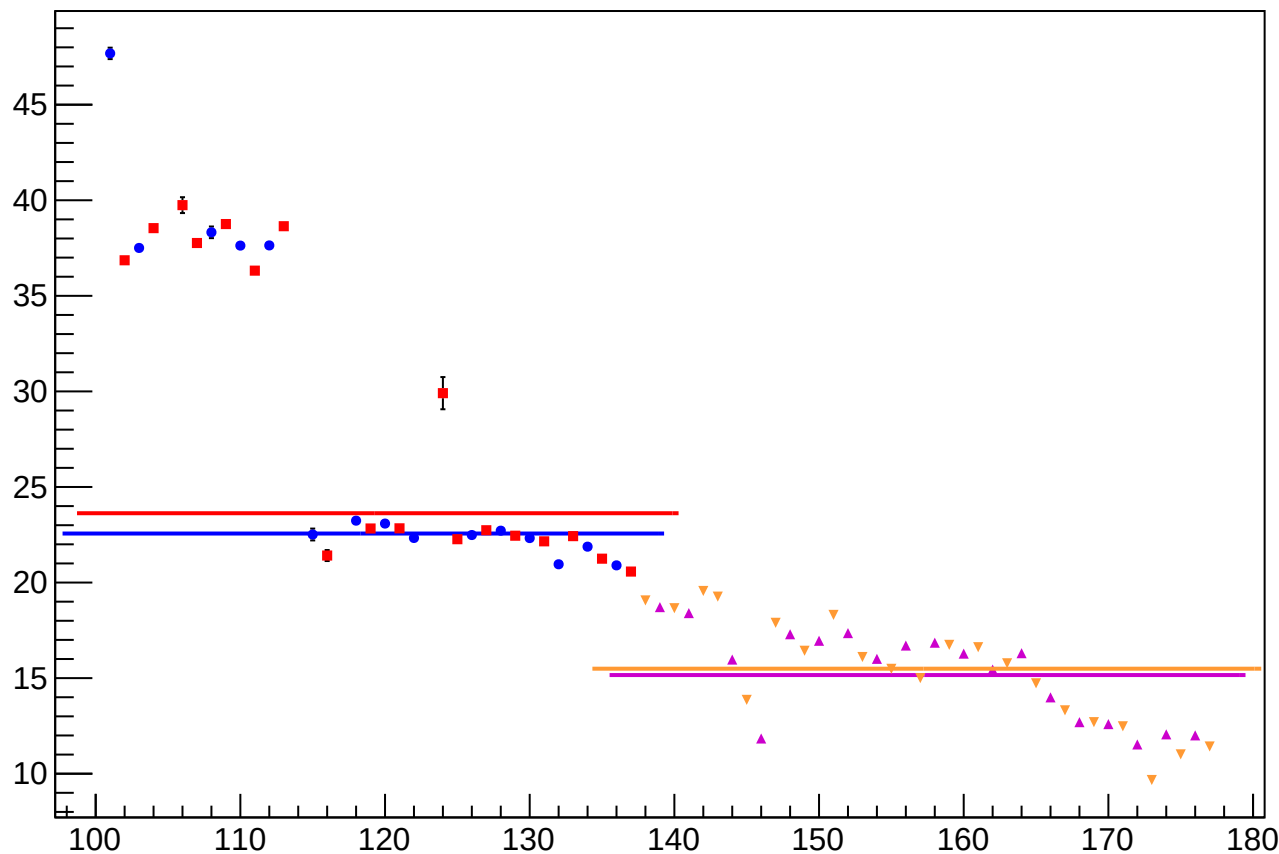
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.530 ± 0.001 χ^2/NDF : 18391.2/33

Out: 0.520 ± 0.001 χ^2/NDF : 18728.8/38

All: 0.526 ± 0.001 χ^2/NDF : 37166.8/72

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.494 $\pm$ 0.006 χ^2 /NDF: 208074.4/20

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.161 $\pm$ 0.006 χ^2 /NDF: 134676.1/18

Left: 15.339 $\pm$ 0.004 χ^2 /NDF: 344271.1/39

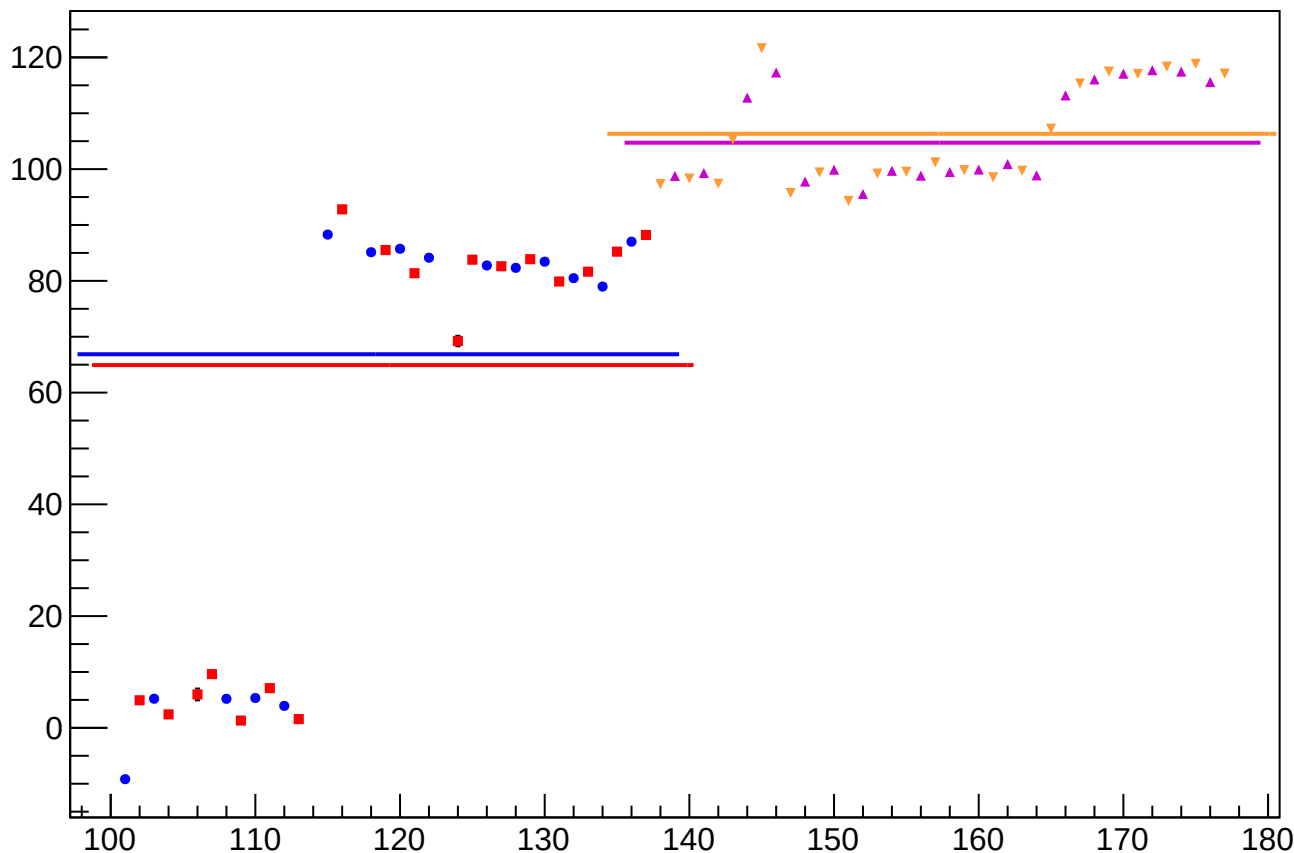
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 17.183 $\pm$ 0.005 χ^2 /NDF: 612531.7/33

Out: 17.217 $\pm$ 0.005 χ^2 /NDF: 745261.6/38

All: 17.201 $\pm$ 0.004 χ^2 /NDF: 1357814.7/72

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 106.319 $\pm$ 0.011 χ^2 /NDF: 733422.9/20

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 104.730 $\pm$ 0.011 χ^2 /NDF: 559703.9/18

Left: 105.551 $\pm$ 0.008 χ^2 /NDF: 1304059.0/39

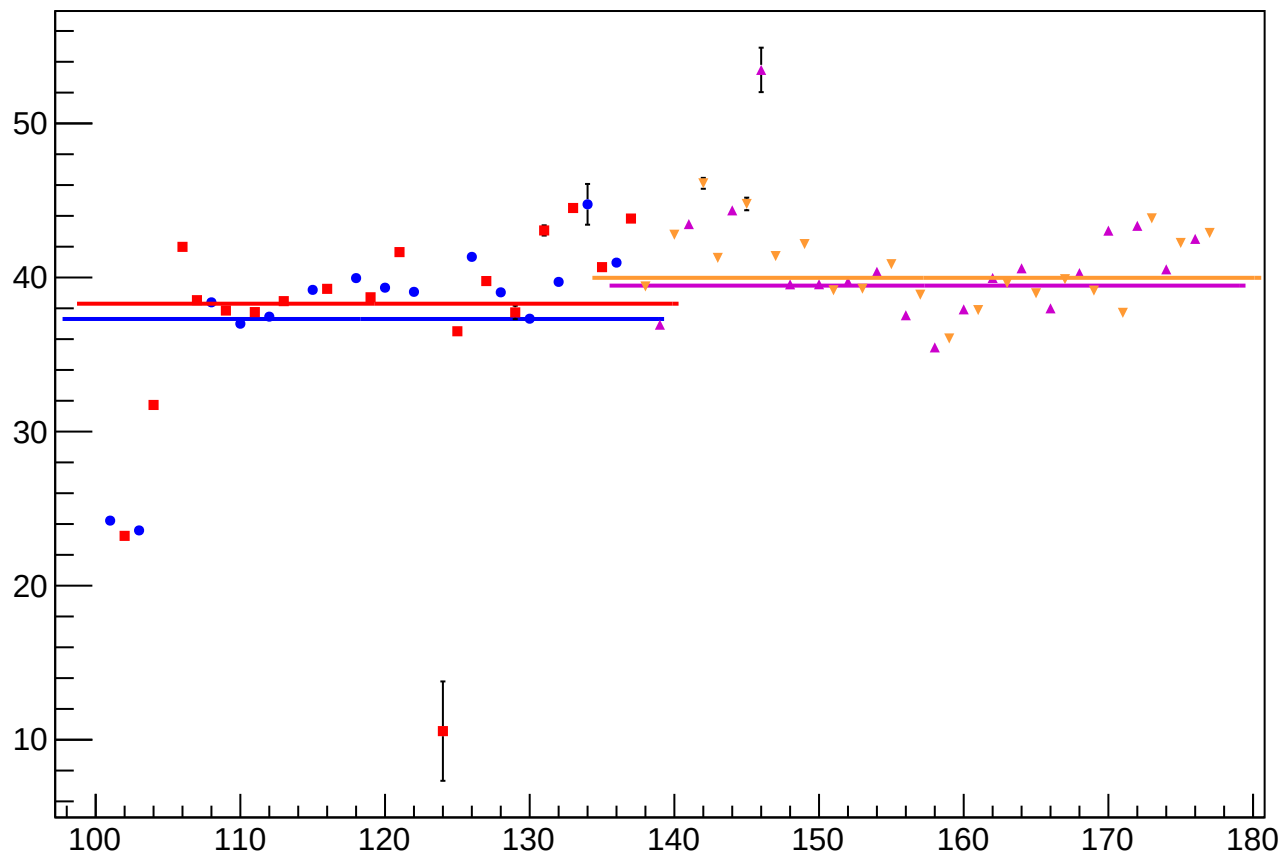
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 99.421 $\pm$ 0.010 χ^2 /NDF: 3737276.0/33

Out: 101.675 $\pm$ 0.010 χ^2 /NDF: 3789019.8/38

All: 100.568 $\pm$ 0.007 χ^2 /NDF: 7551466.3/72

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.979 ± 0.030 $\chi^2/\text{NDF}: 5769.8/20$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.473 ± 0.025 $\chi^2/\text{NDF}: 8329.1/18$

Left: 39.678 ± 0.019 $\chi^2/\text{NDF}: 14267.2/39$

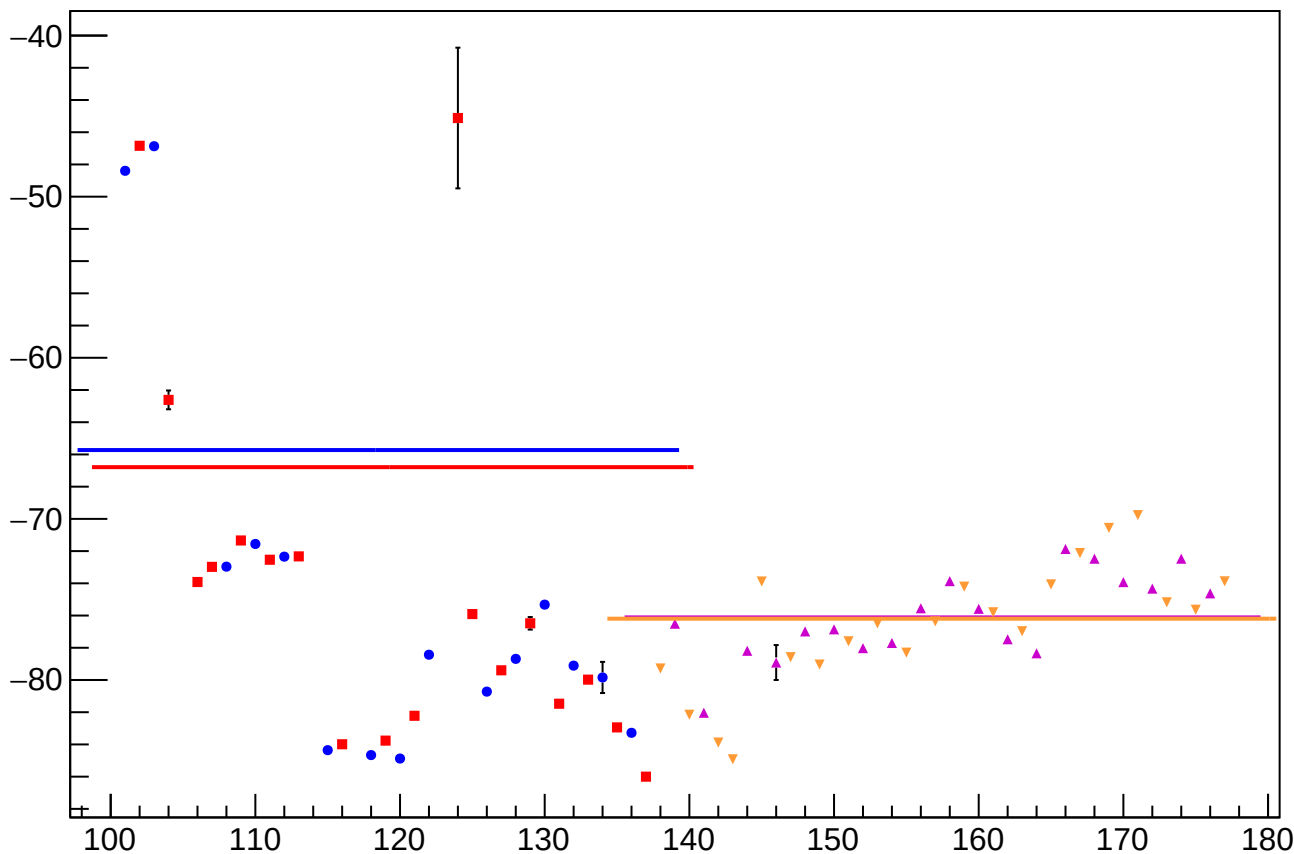
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.314 ± 0.017 $\chi^2/\text{NDF}: 71998.6/33$

Out: 38.832 ± 0.017 $\chi^2/\text{NDF}: 26735.5/38$

All: 38.572 ± 0.012 $\chi^2/\text{NDF}: 99203.9/72$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.195 $\pm$ 0.024 χ^2 /NDF:22133.8/20

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.114 $\pm$ 0.020 χ^2 /NDF:10219.1/18

Left: -76.147 $\pm$ 0.016 χ^2 /NDF: 32359.3/39

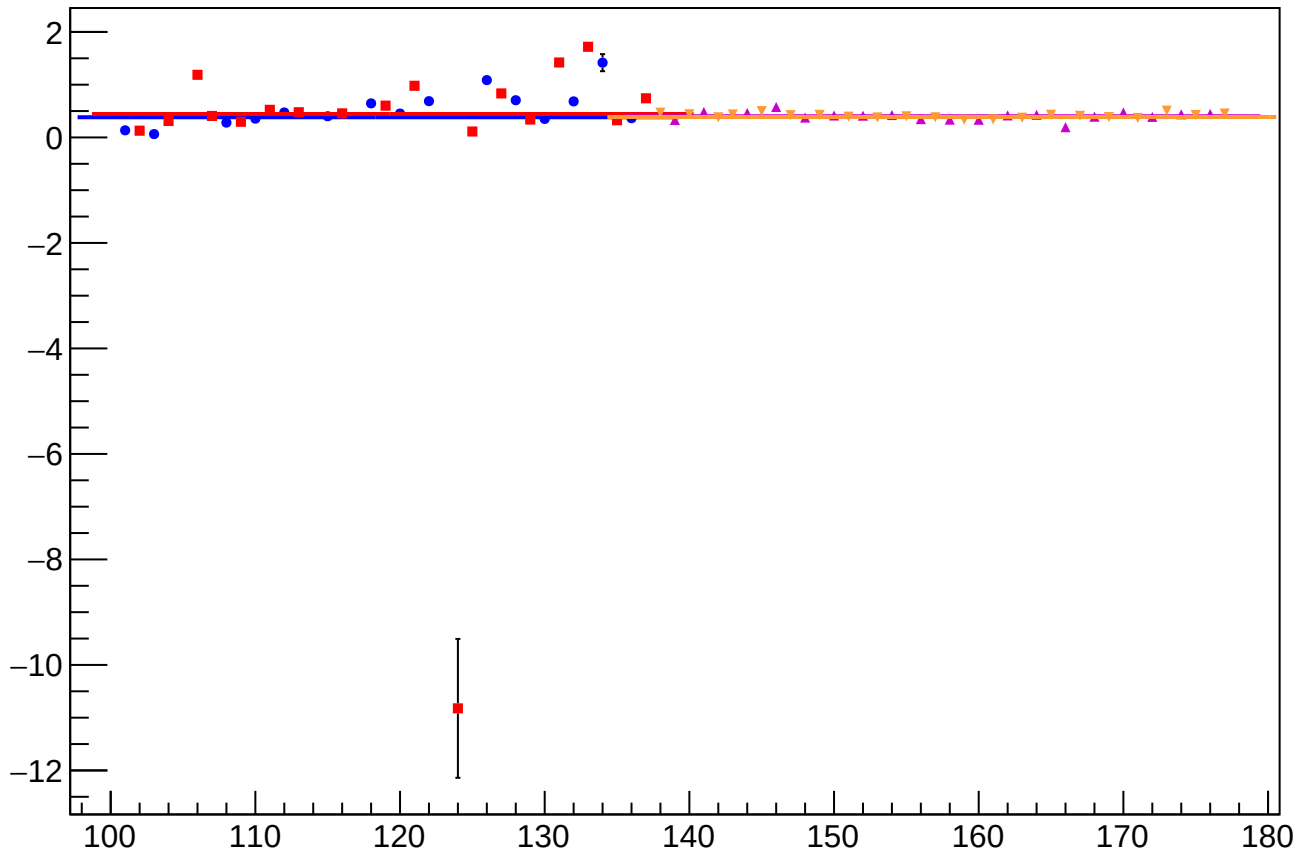
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.958 $\pm$ 0.013 χ^2 /NDF:1068023.4/33

Out: -69.555 $\pm$ 0.013 χ^2 /NDF:935651.0/38

All: -69.761 $\pm$ 0.009 χ^2 /NDF: 2004145.8/72

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.388 $\pm$ 0.000 χ^2 /NDF:9650.7/20

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.402 $\pm$ 0.000 χ^2 /NDF:8383.0/18

Left: 0.395 $\pm$ 0.000 χ^2 /NDF: 18494.4/39

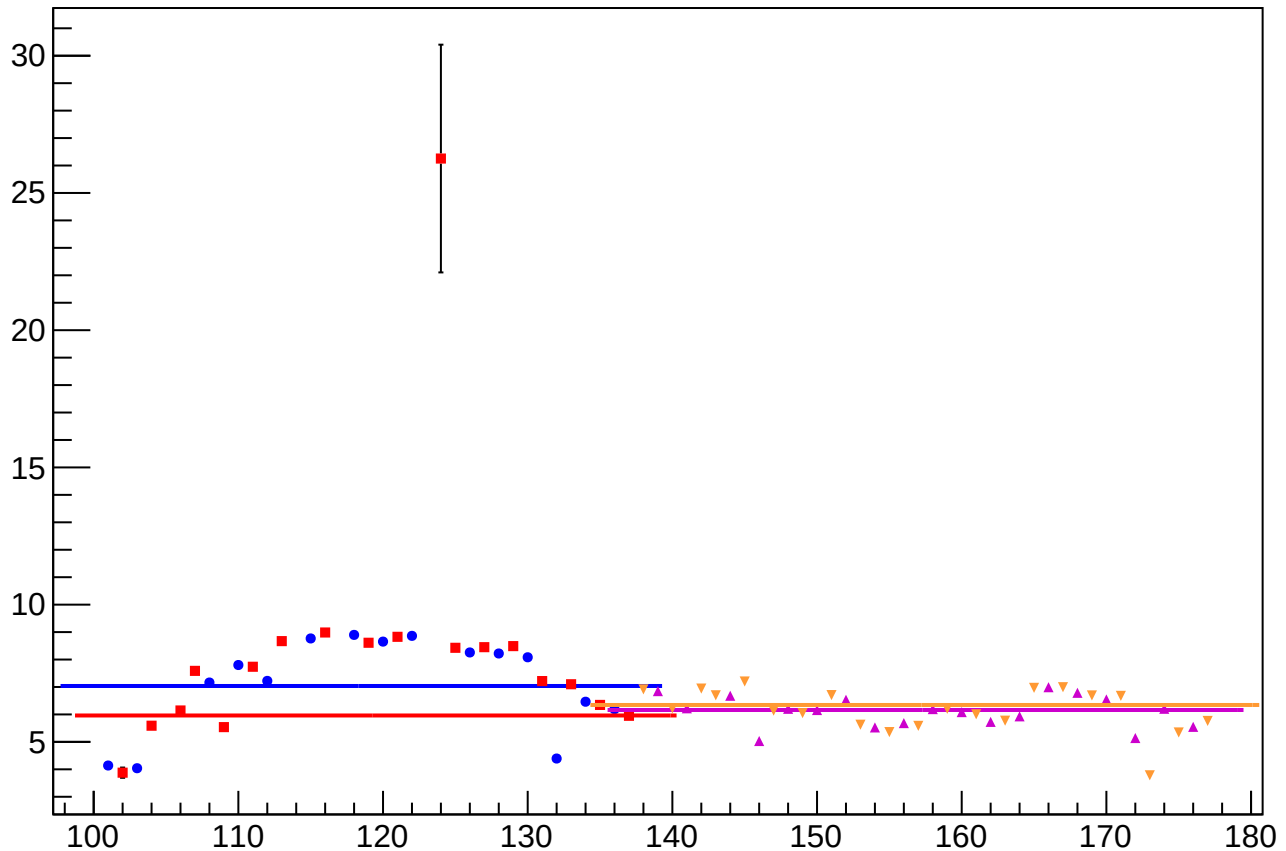
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.401 $\pm$ 0.000 χ^2 /NDF:16656.7/33

Out: 0.388 $\pm$ 0.000 χ^2 /NDF:12671.7/38

All: 0.395 $\pm$ 0.000 χ^2 /NDF: 29677.3/72

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.345+/-0.002 χ^2/NDF : 76471.6/20

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.162+/-0.002 χ^2/NDF : 47007.7/18

Left: 6.249+/-0.001 χ^2/NDF : 130132.7/39

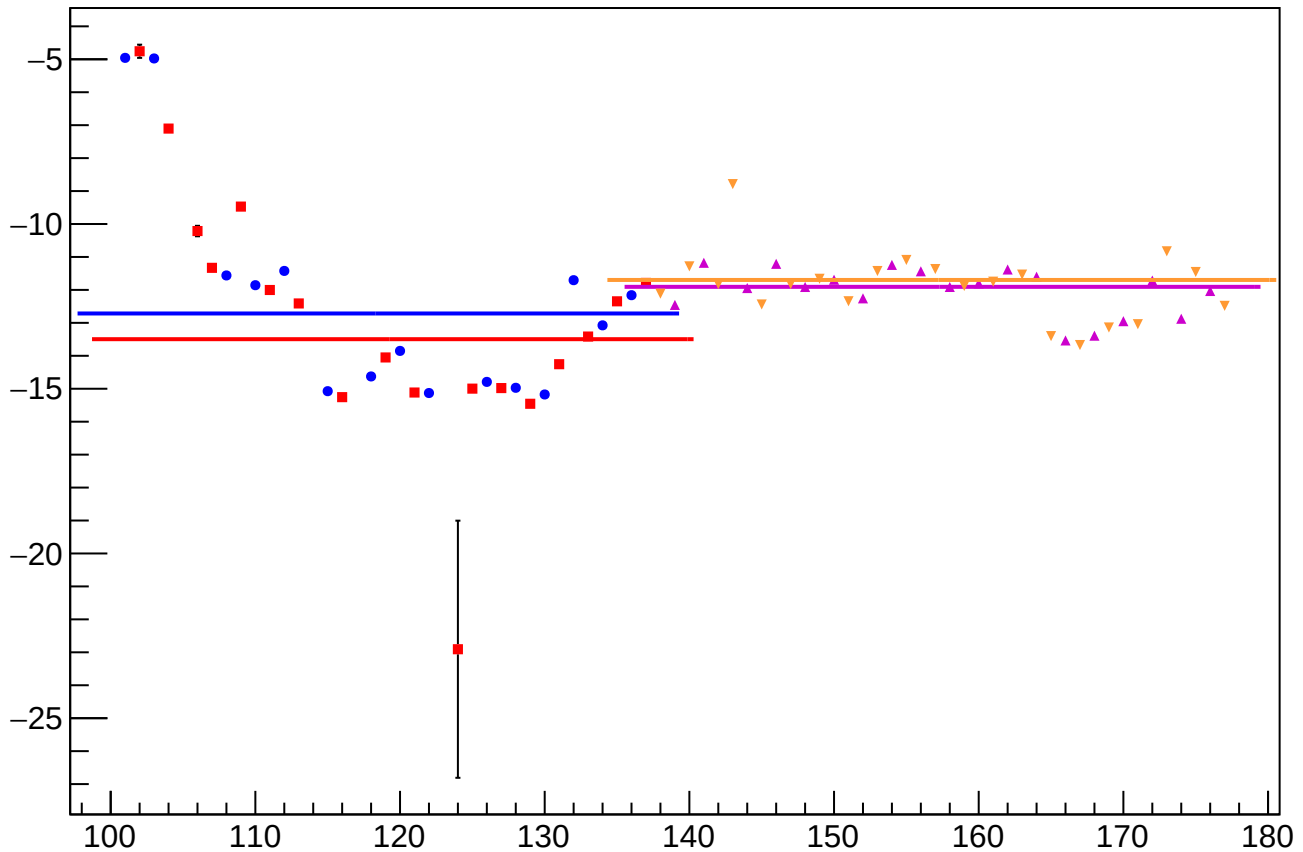
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.253+/-0.001 χ^2/NDF : 150403.4/33

Out: 5.984+/-0.000 χ^2/NDF : 297151.6/38

All: 6.003+/-0.000 χ^2/NDF : 478935.6/72

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.698 $\pm$ 0.002 χ^2 /NDF: 338542.7/20

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.907 $\pm$ 0.002 χ^2 /NDF: 63475.5/18

Left: -11.804 $\pm$ 0.002 χ^2 /NDF: 406619.5/39

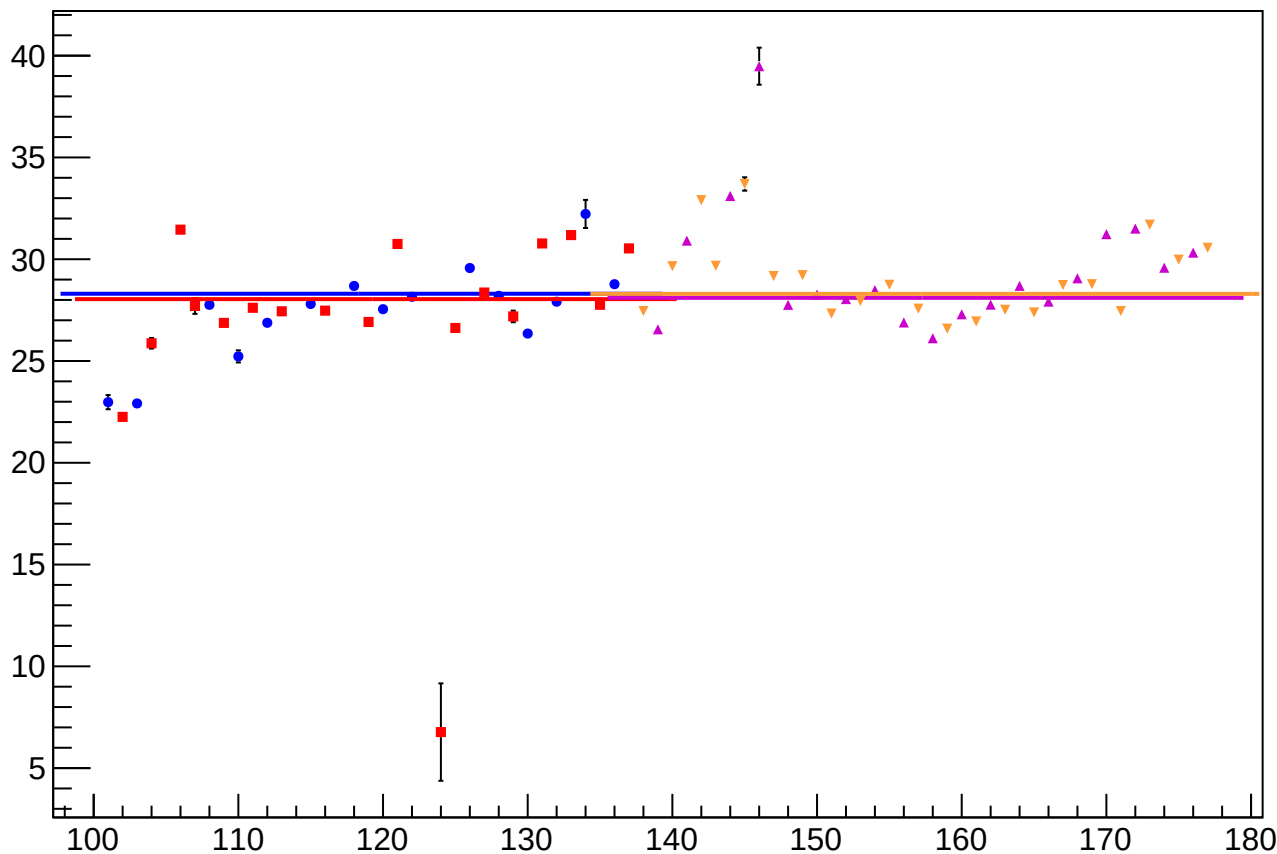
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.991 $\pm$ 0.002 χ^2 /NDF: 163097.7/33

Out: -11.922 $\pm$ 0.002 χ^2 /NDF: 478084.9/38

All: -11.956 $\pm$ 0.001 χ^2 /NDF: 641741.2/72

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.298 $\pm$ 0.018 χ^2 /NDF:6382.1/20

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.103 $\pm$ 0.015 χ^2 /NDF:8583.7/18

Left: 28.183 $\pm$ 0.012 χ^2 /NDF: 15031.5/39

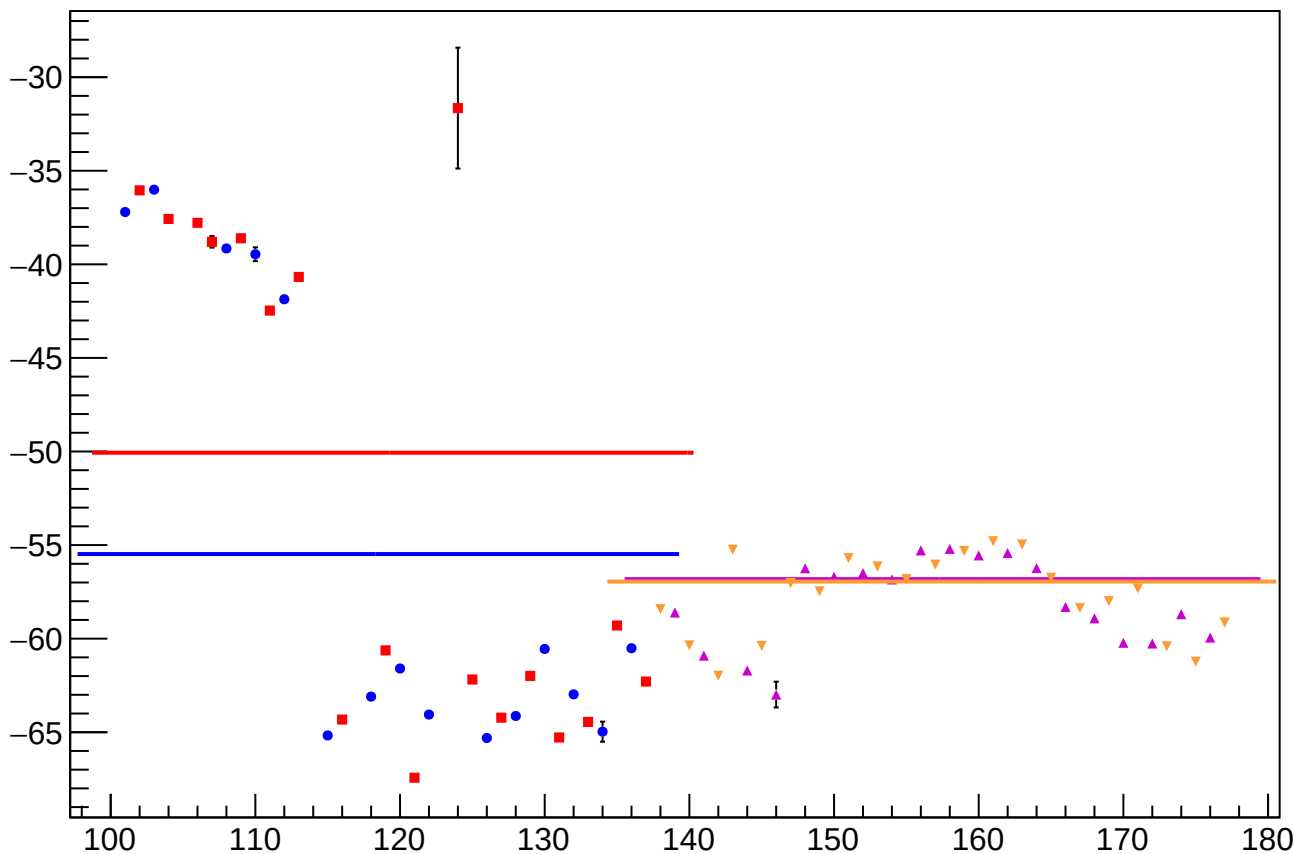
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.165 $\pm$ 0.013 χ^2 /NDF:12036.1/33

Out: 28.228 $\pm$ 0.016 χ^2 /NDF:8996.6/38

All: 28.190 $\pm$ 0.010 χ^2 /NDF: 21042.3/72

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.949 ± 0.015 $\chi^2/\text{NDF}: 16448.6/20$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.820 ± 0.013 $\chi^2/\text{NDF}: 14665.1/18$

Left: -56.875 ± 0.010 $\chi^2/\text{NDF}: 31153.9/39$

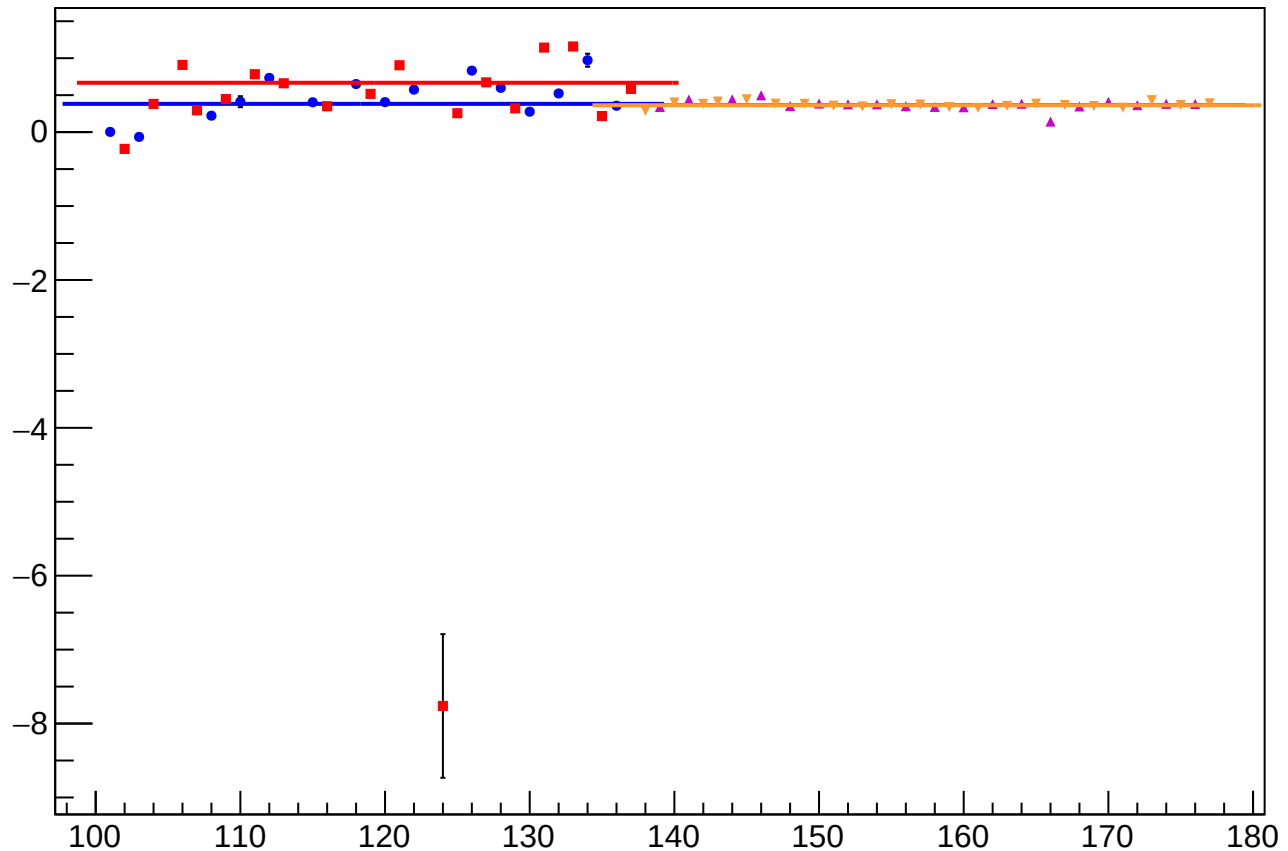
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.299 ± 0.010 $\chi^2/\text{NDF}: 613808.4/33$

Out: -54.844 ± 0.013 $\chi^2/\text{NDF}: 418060.7/38$

All: -55.725 ± 0.008 $\chi^2/\text{NDF}: 1039703.9/72$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 7815.4/20$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 5844.8/18$

Left: 0.365 ± 0.000 $\chi^2/\text{NDF}: 13708.5/39$

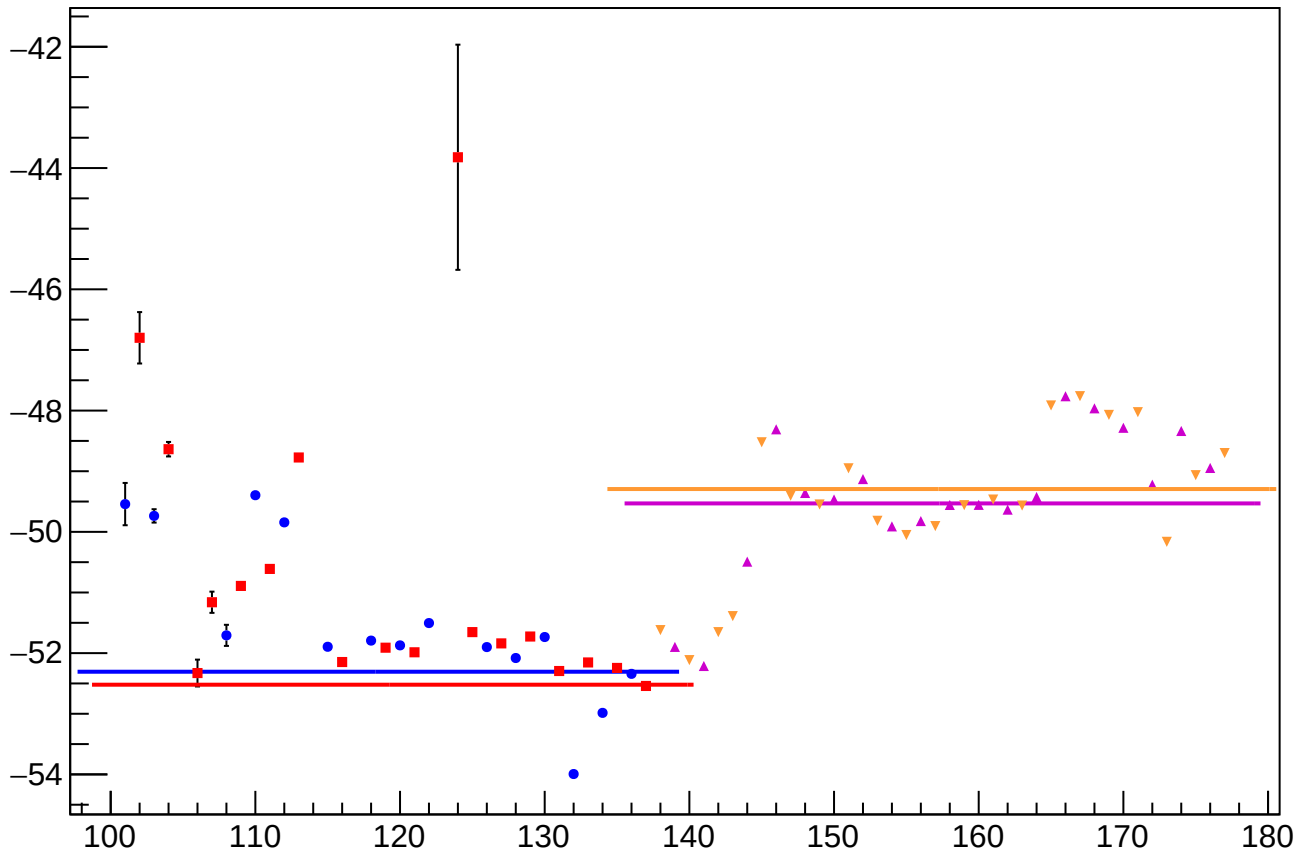
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 10530.7/33$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 15858.2/38$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 26412.8/72$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.294 $\pm$ 0.001 χ^2 /NDF: 507686.6/20

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.531 $\pm$ 0.001 χ^2 /NDF: 417058.2/18

Left: -49.410 $\pm$ 0.001 χ^2 /NDF: 938499.7/39

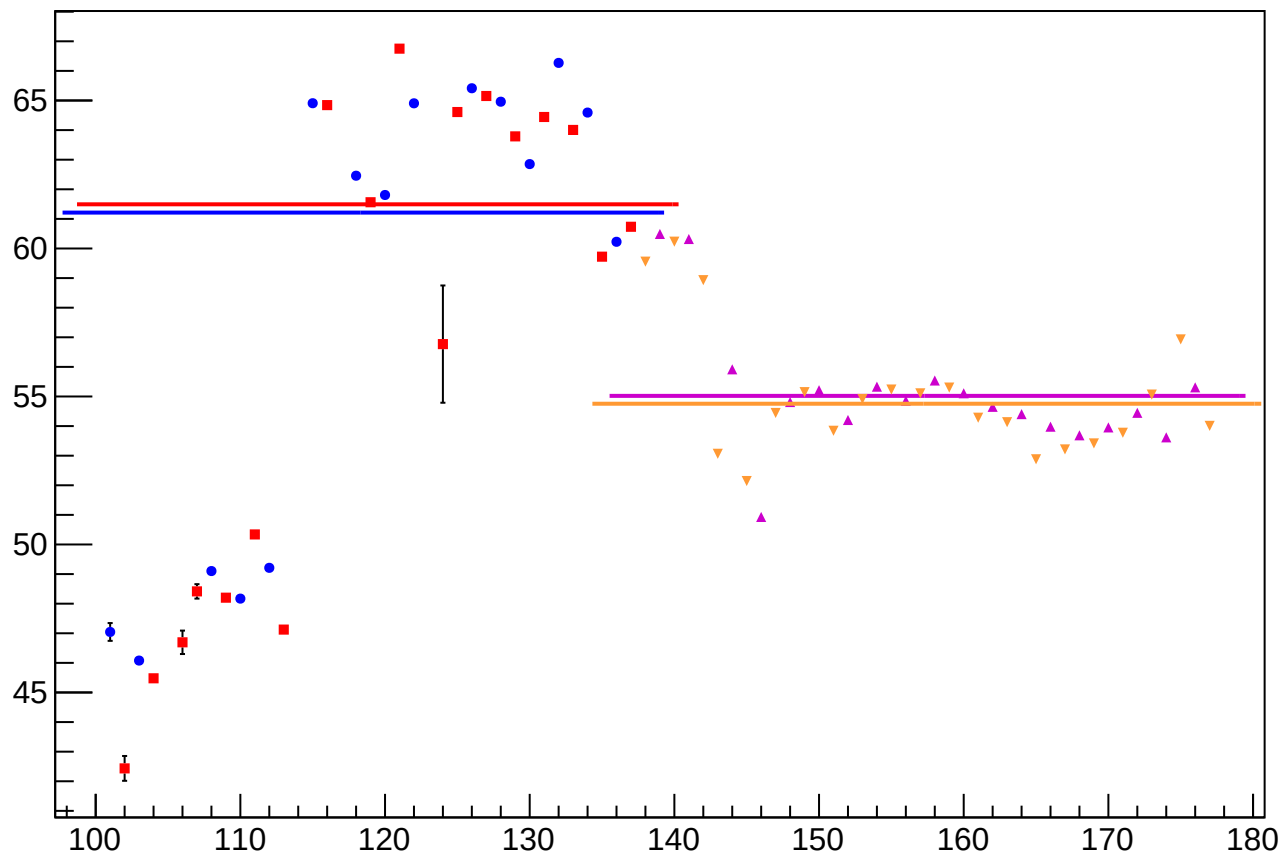
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.868 $\pm$ 0.001 χ^2 /NDF: 891990.5/33

Out: -51.302 $\pm$ 0.001 χ^2 /NDF: 3755133.1/38

All: -50.882 $\pm$ 0.001 χ^2 /NDF: 5441901.7/72

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.755 $\pm$ 0.003 χ^2 /NDF: 249246.0/20

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.021 $\pm$ 0.003 χ^2 /NDF: 81493.6/18

Left: 54.901 $\pm$ 0.002 χ^2 /NDF: 334545.8/39

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.503 $\pm$ 0.003 χ^2 /NDF: 596842.6/33

Out: 55.999 $\pm$ 0.003 χ^2 /NDF: 1313183.7/38

All: 55.741 $\pm$ 0.002 χ^2 /NDF: 1925358.9/72

dit_4aX_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_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

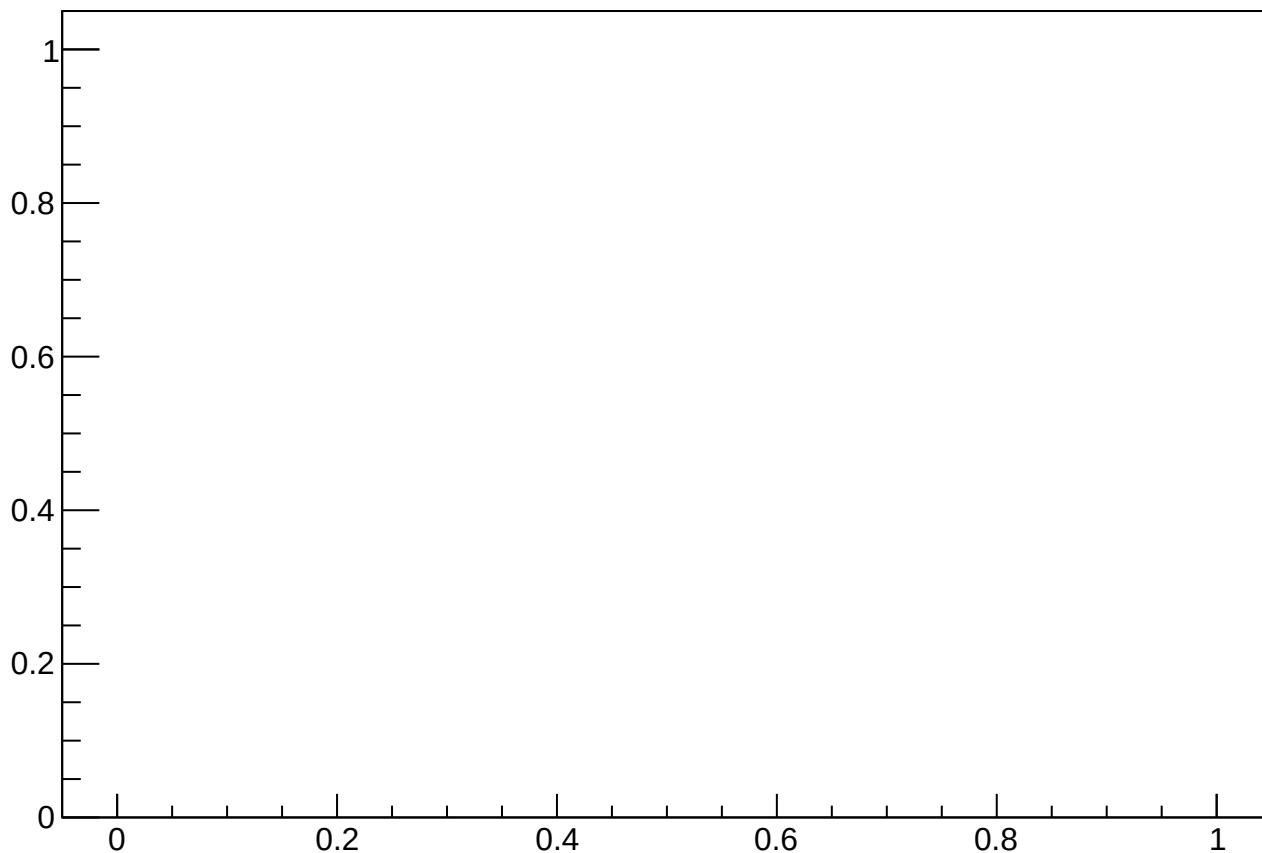
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

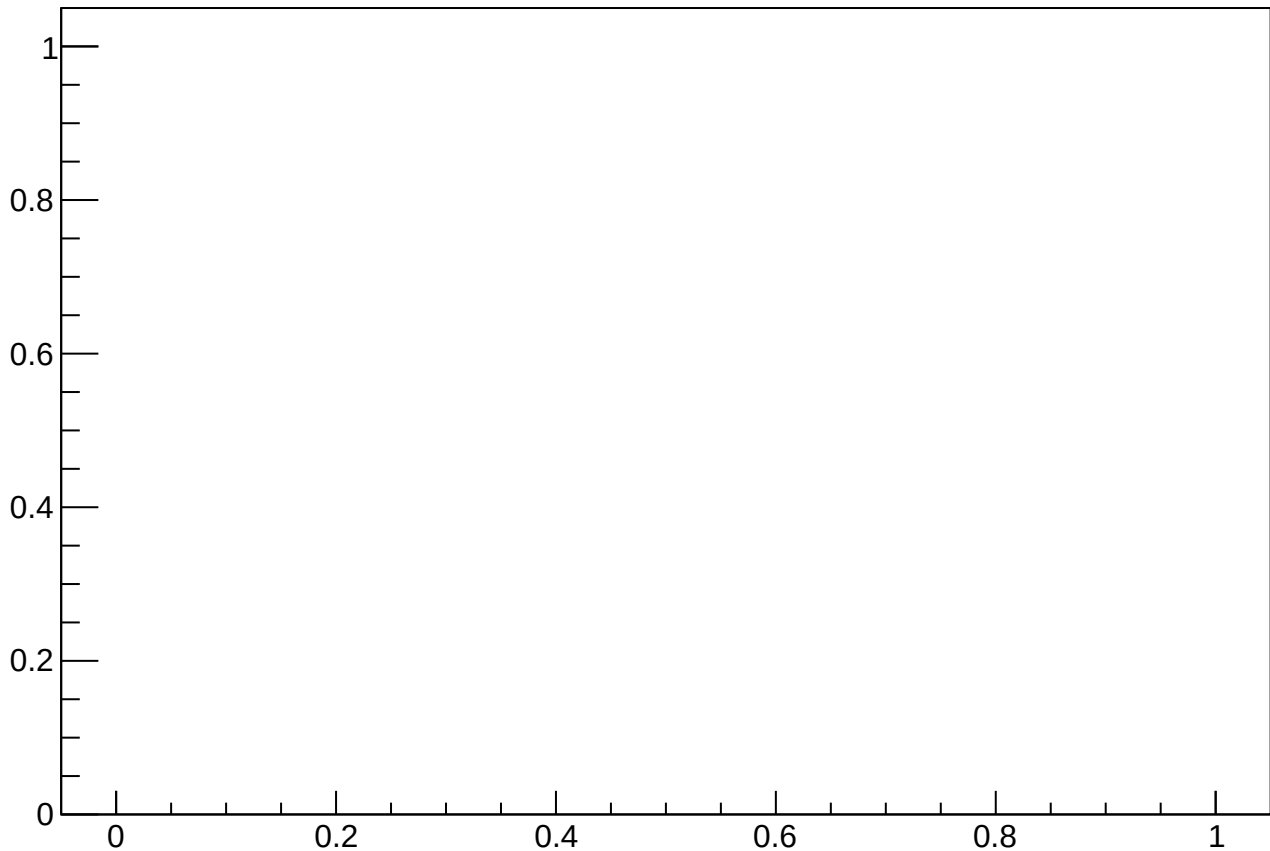
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

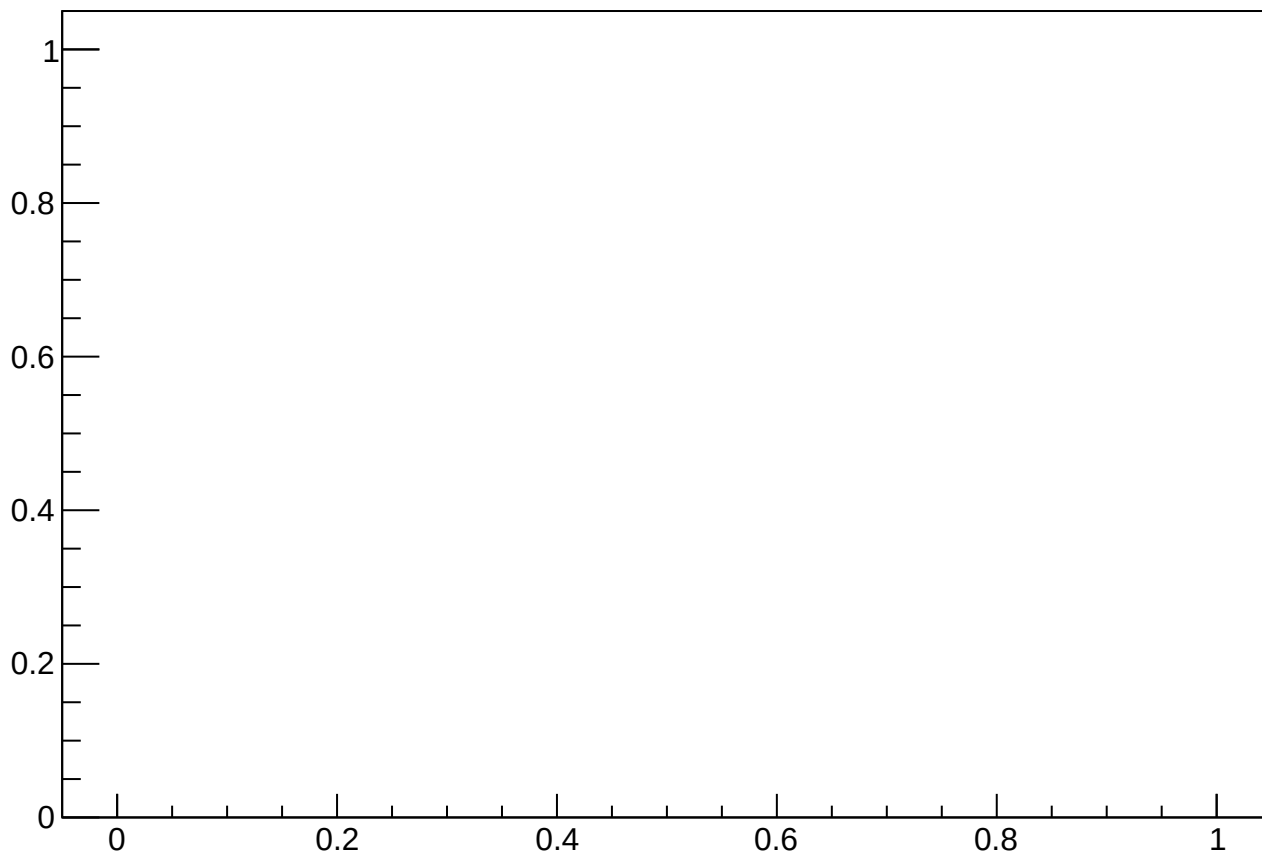
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

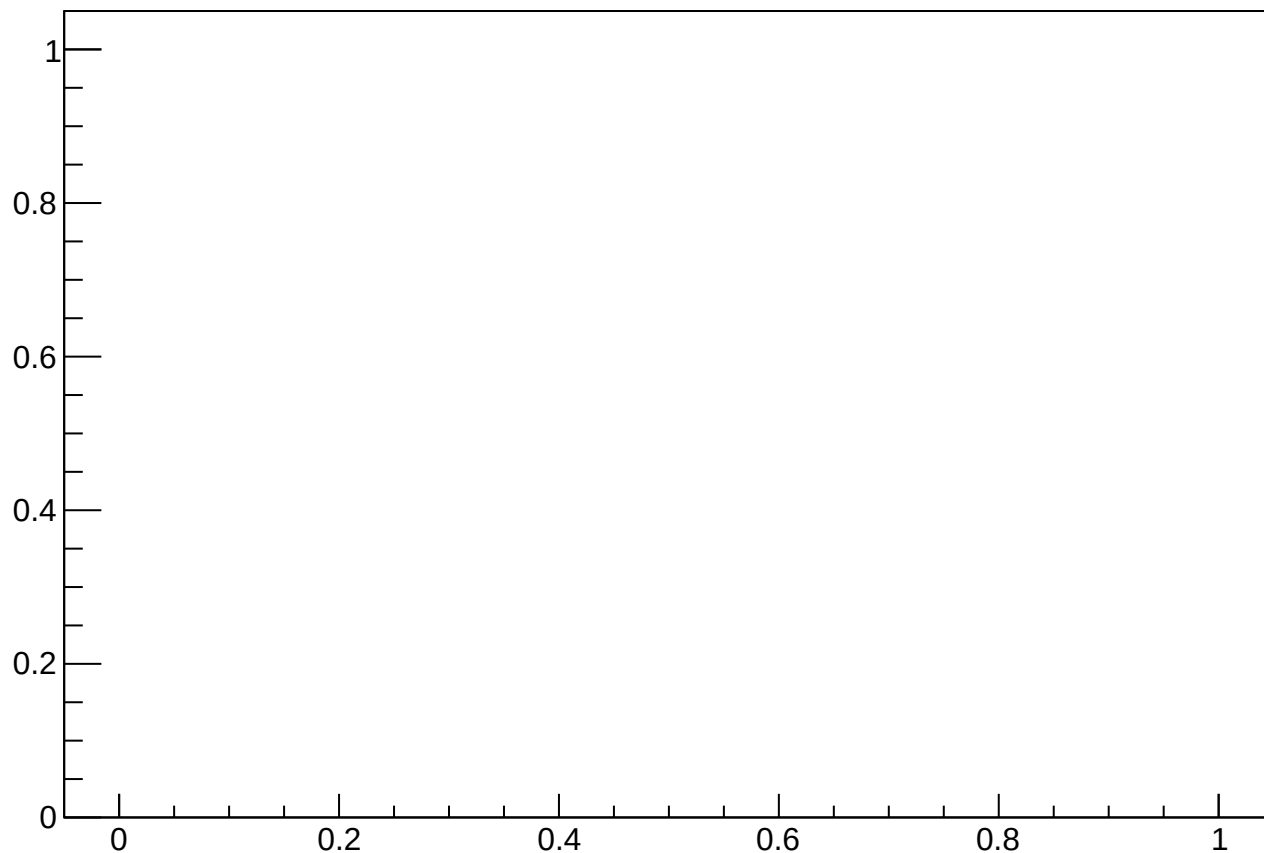
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

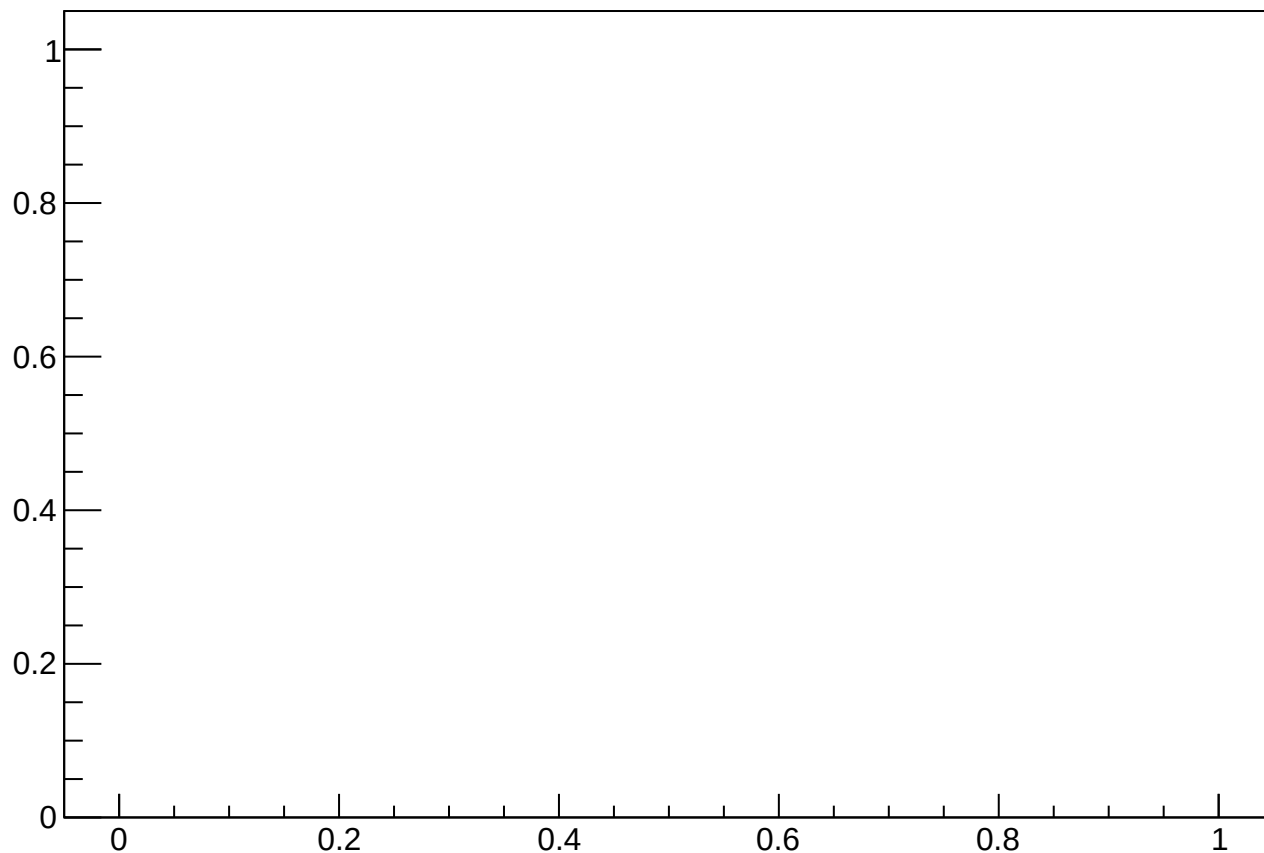
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

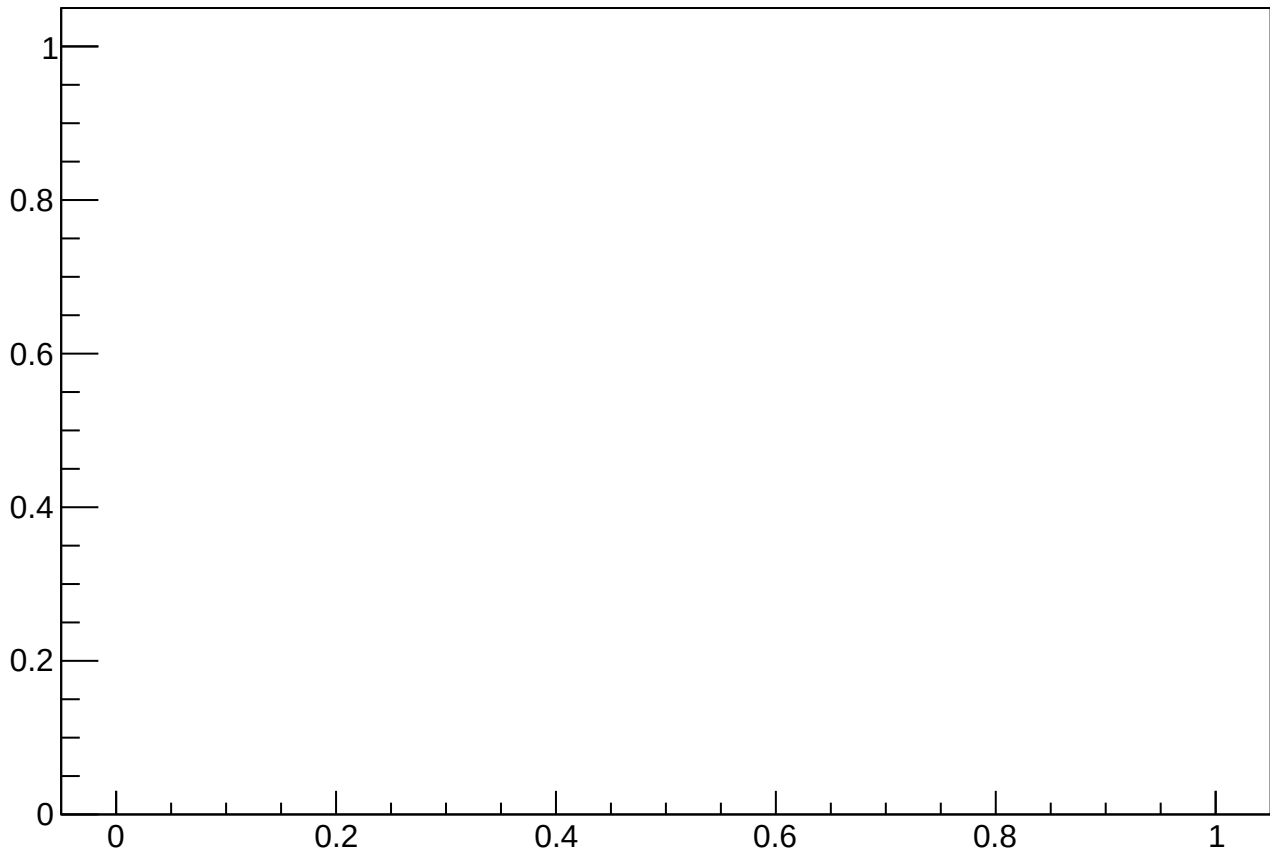
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

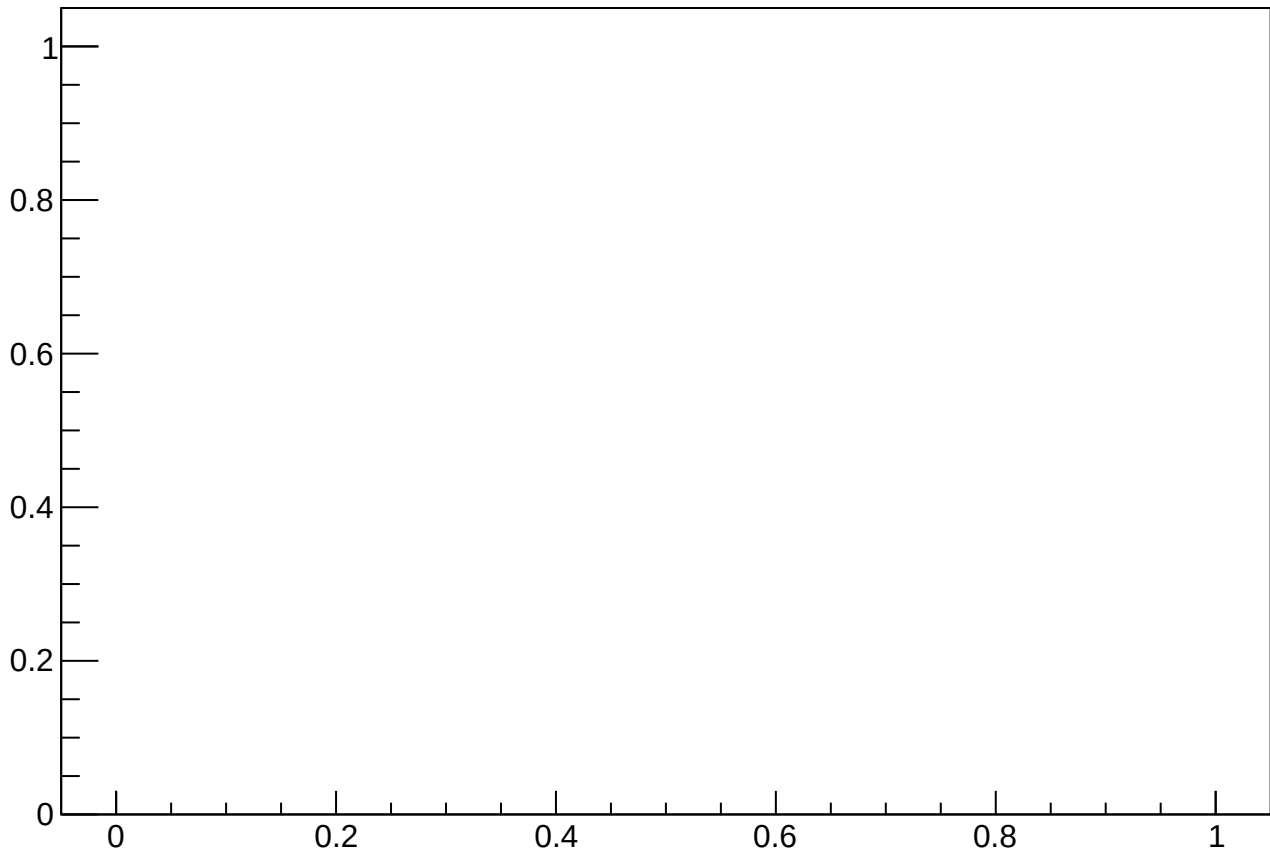
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

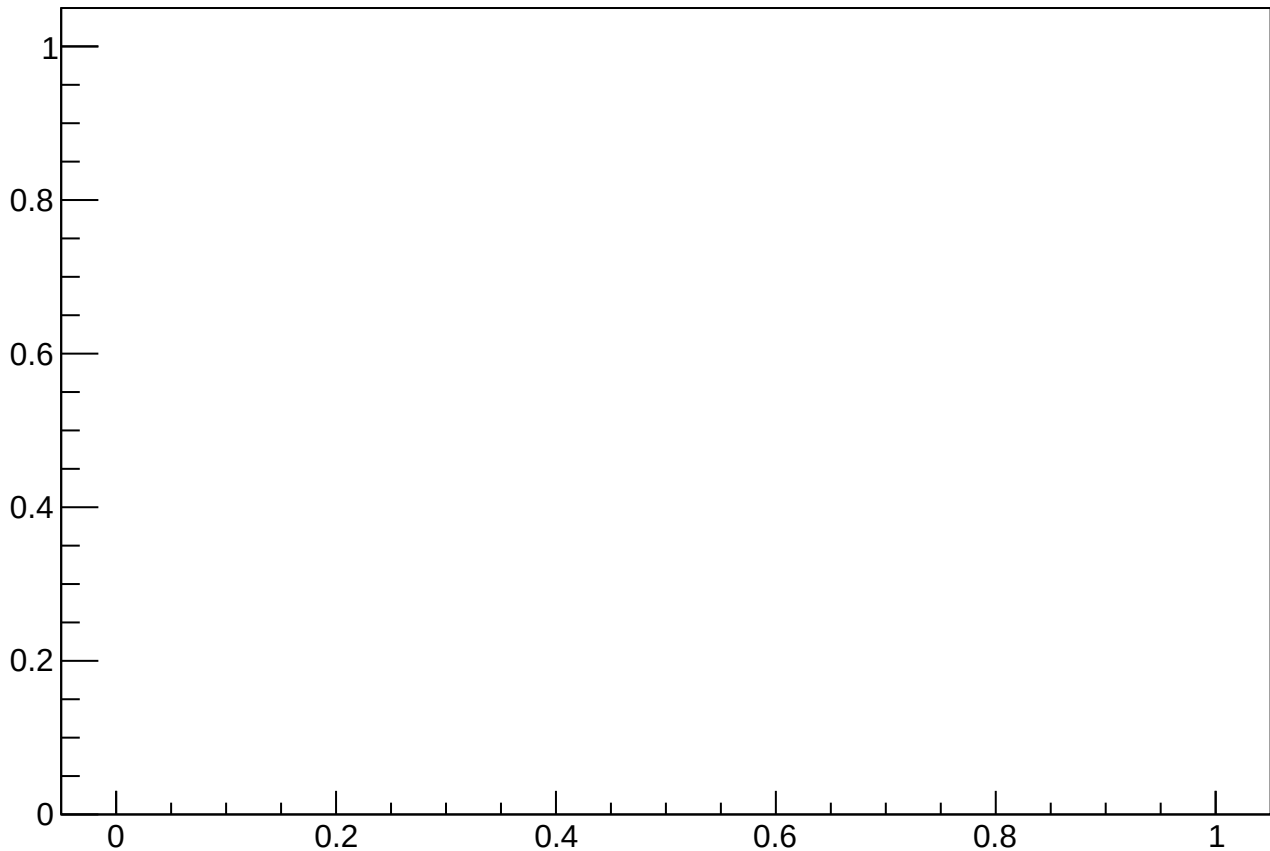
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

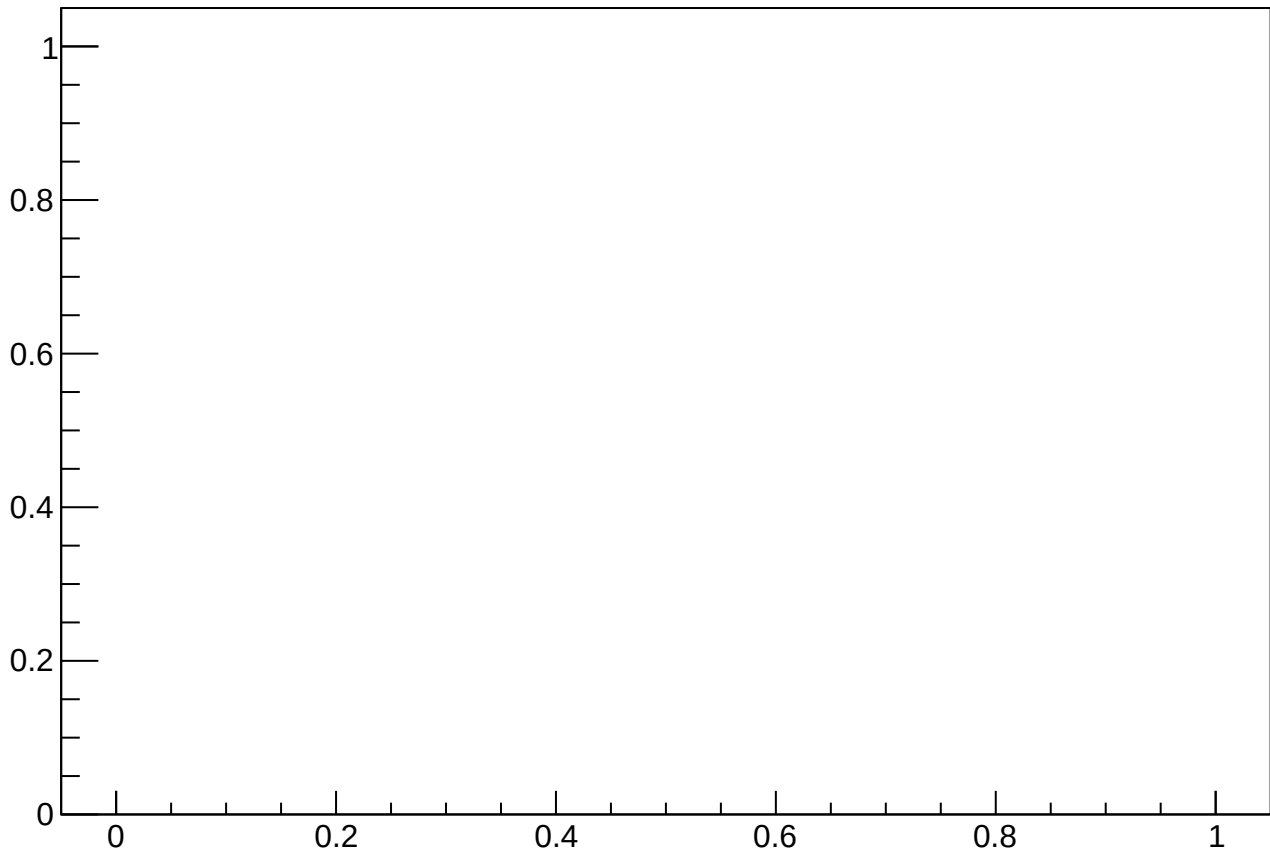
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

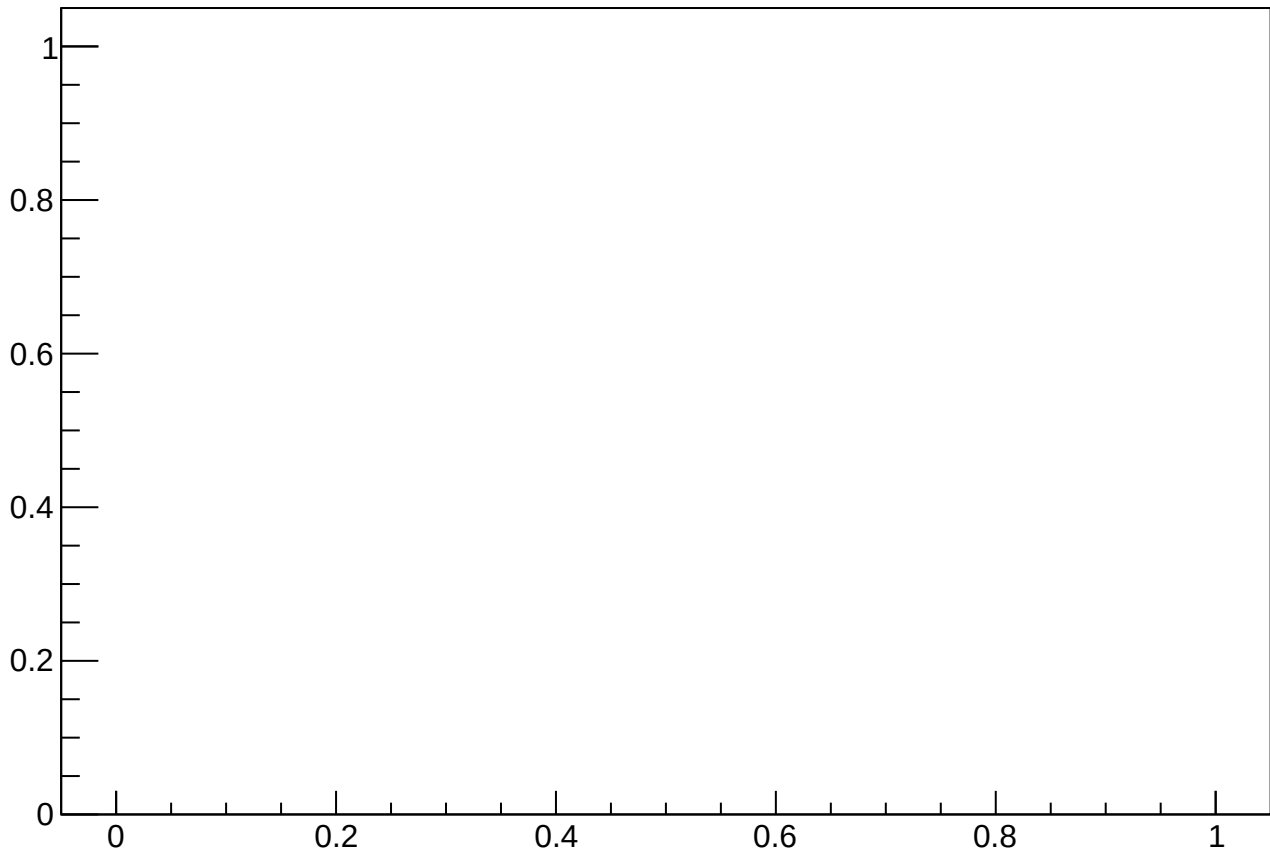
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

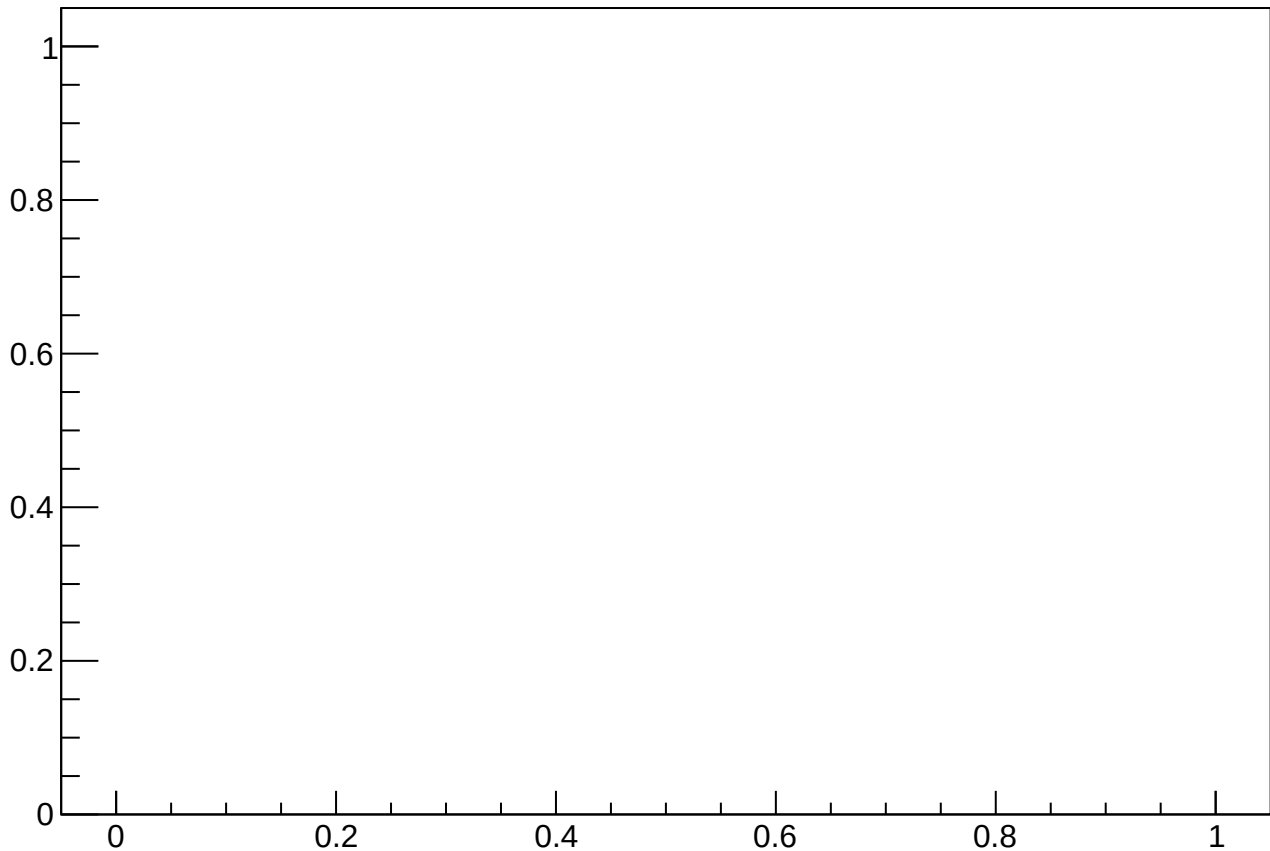
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

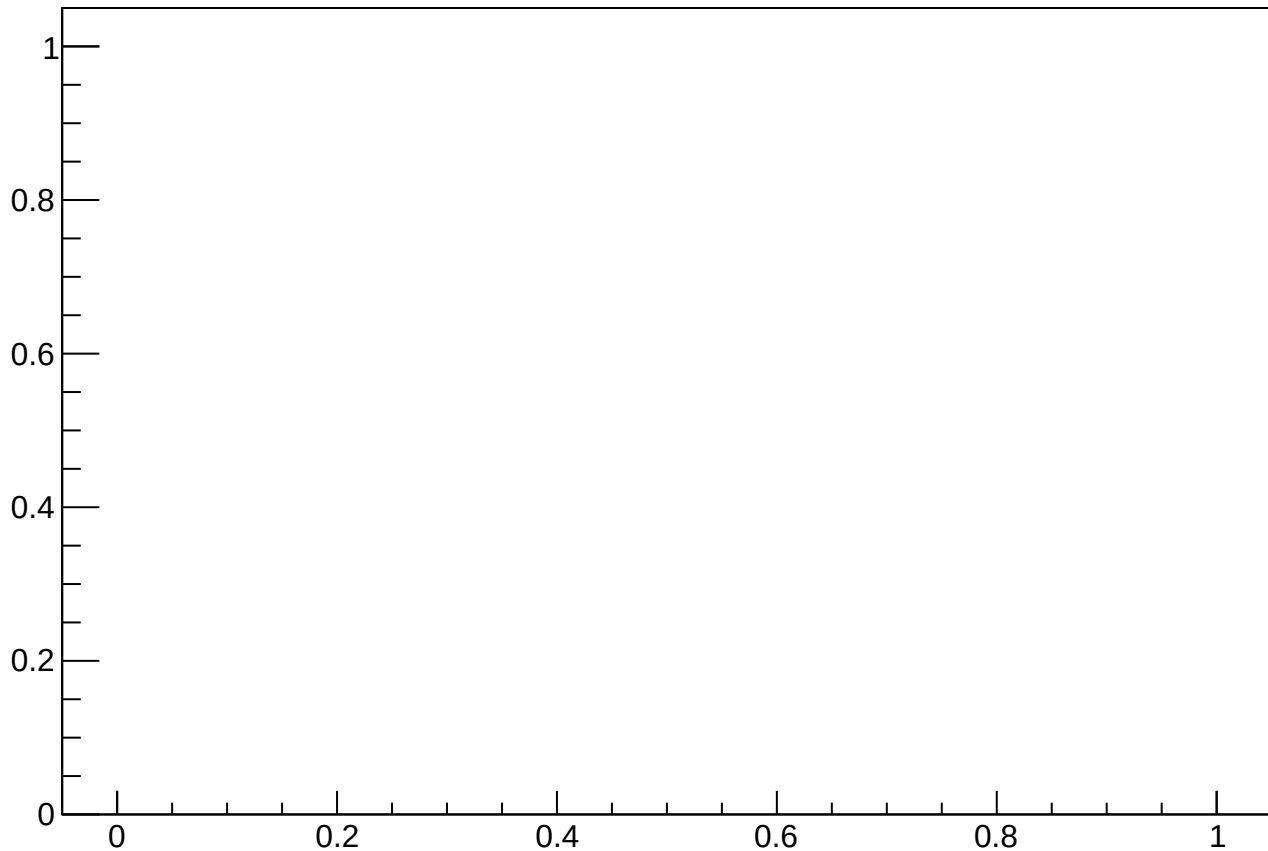
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

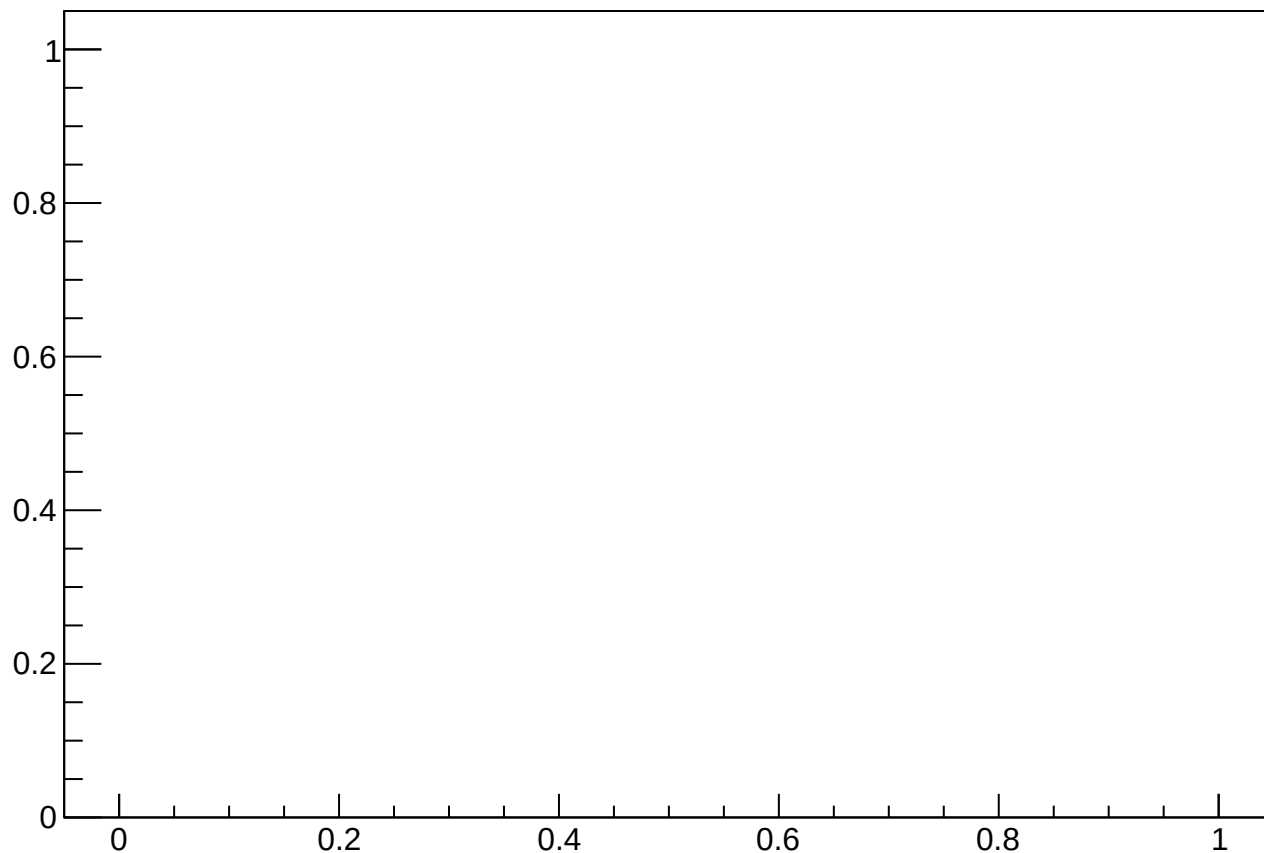
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

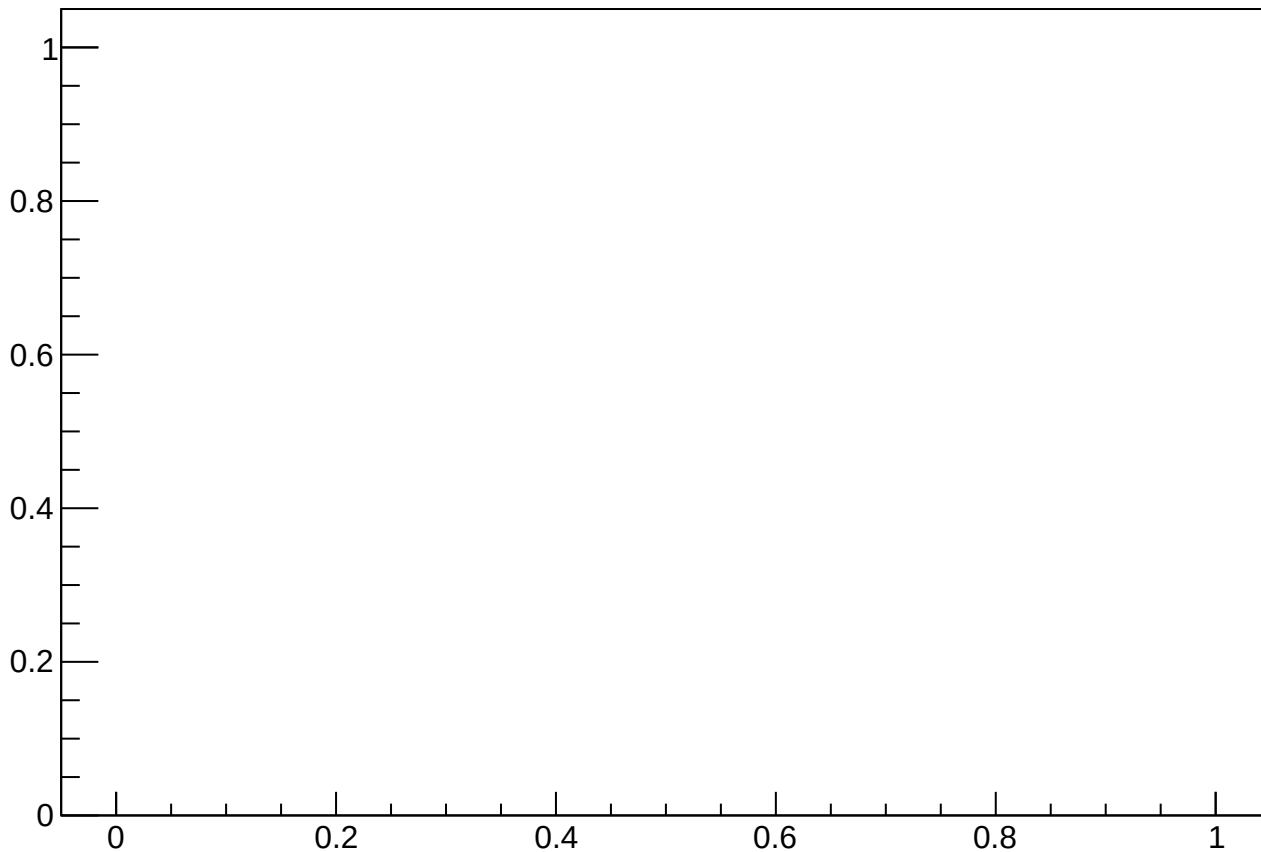
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

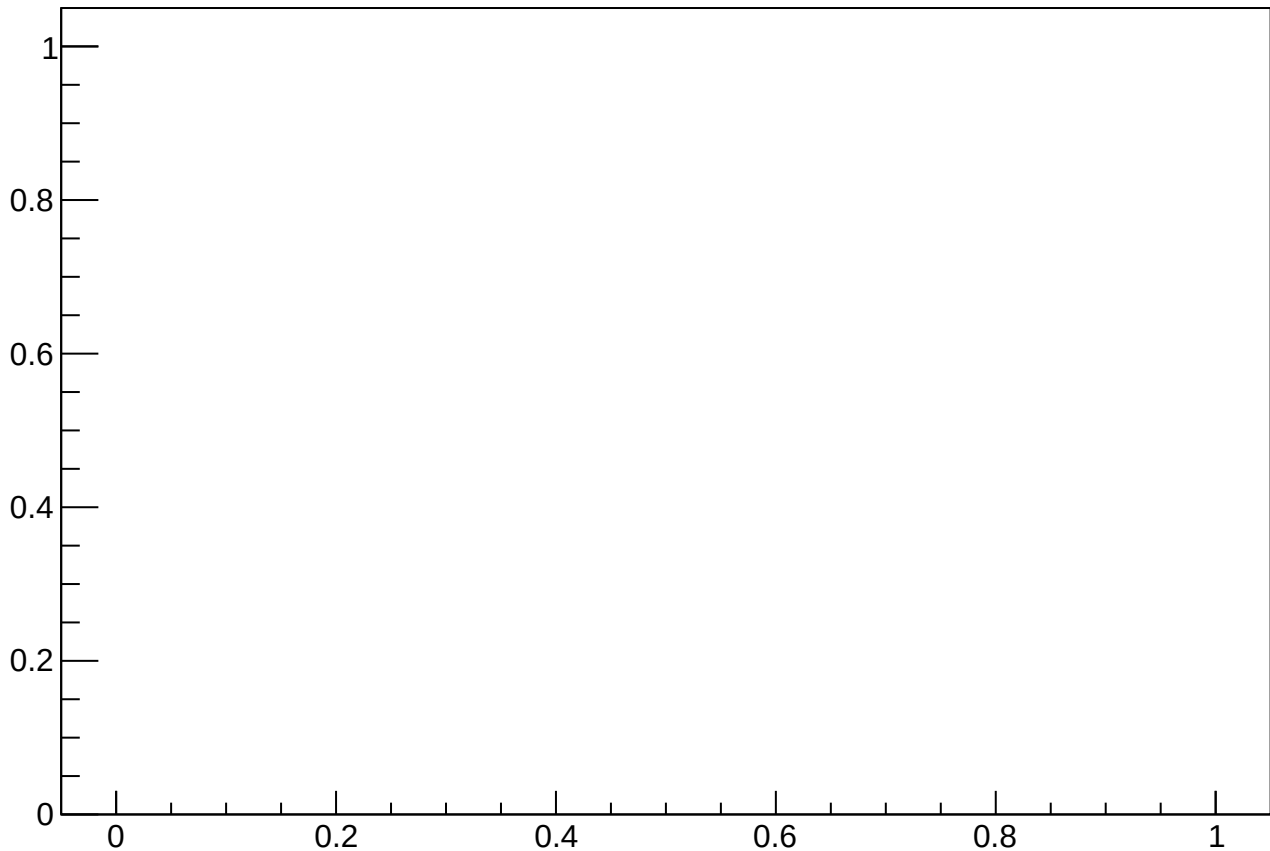
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

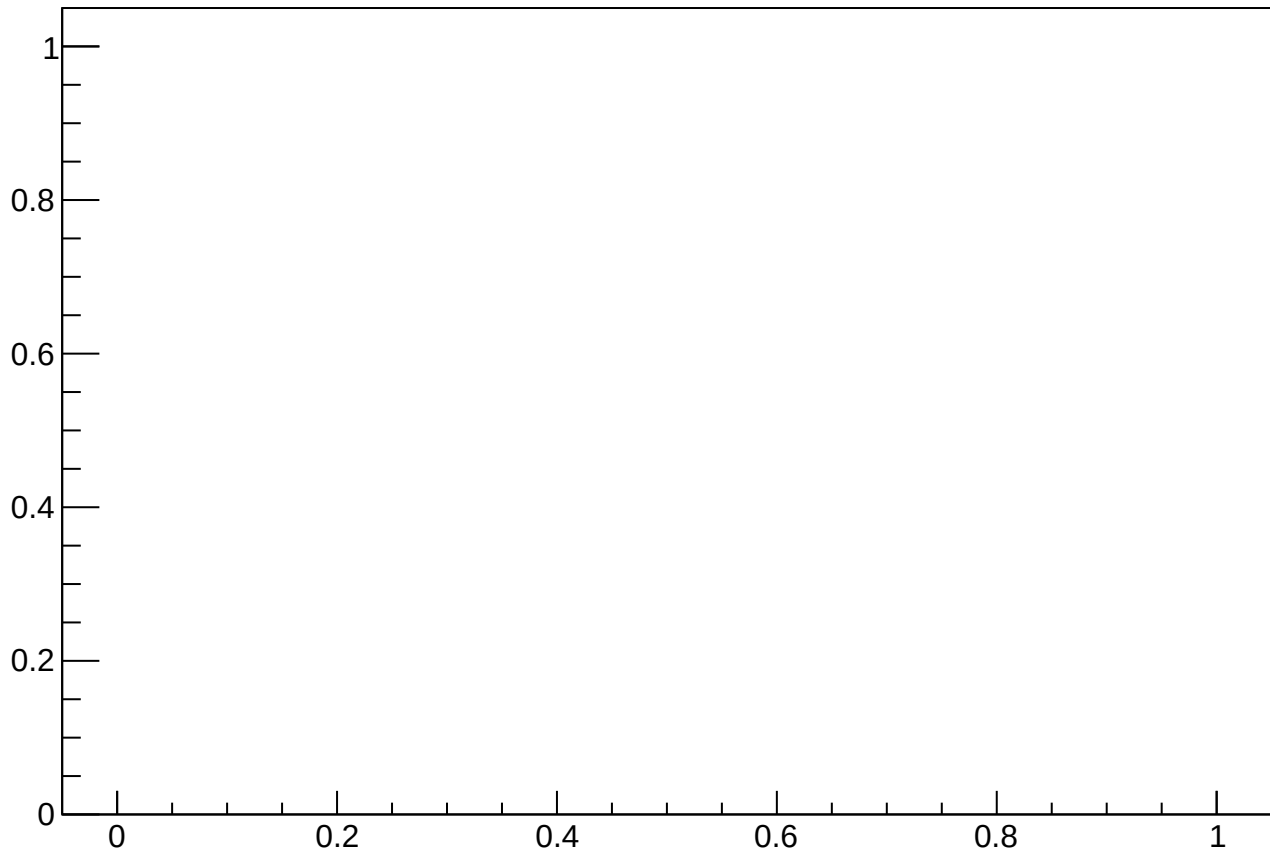
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

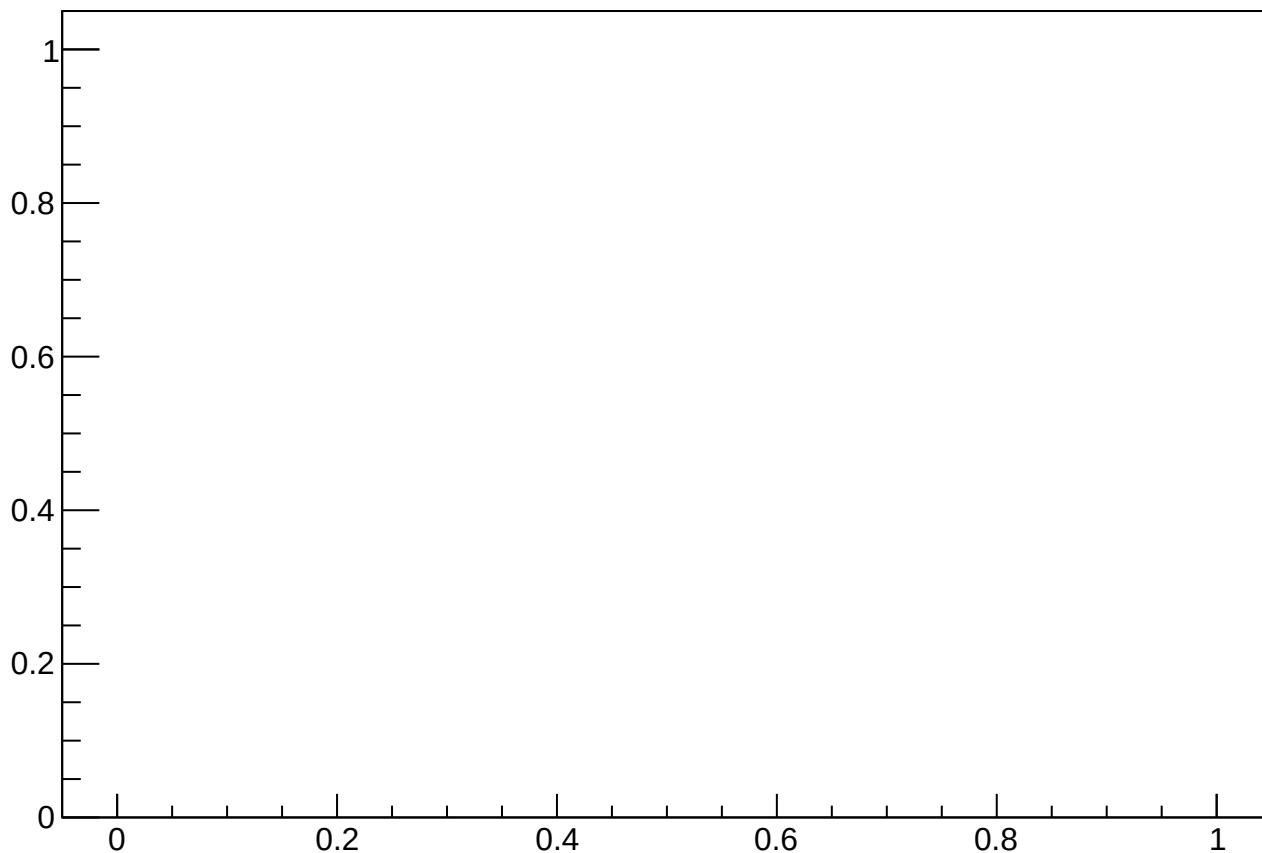
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

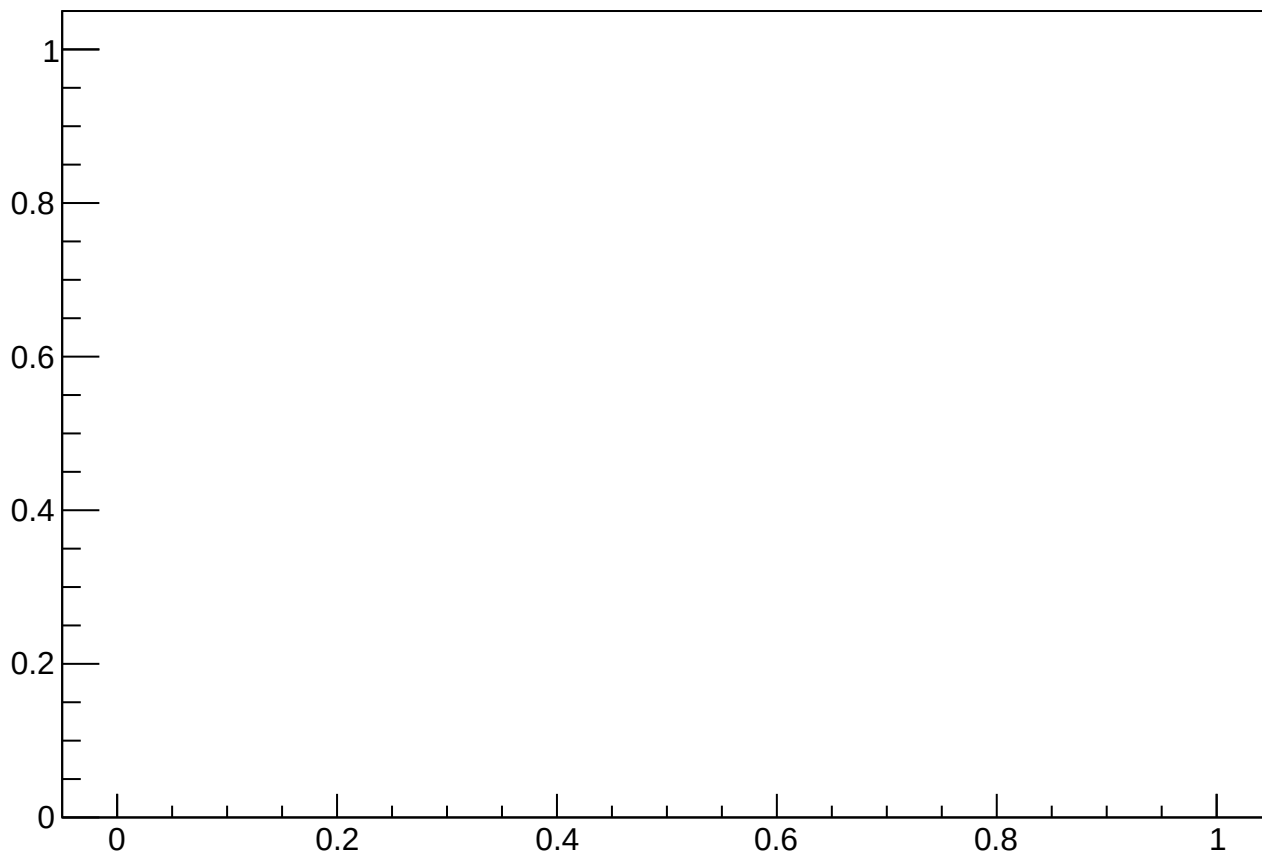
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

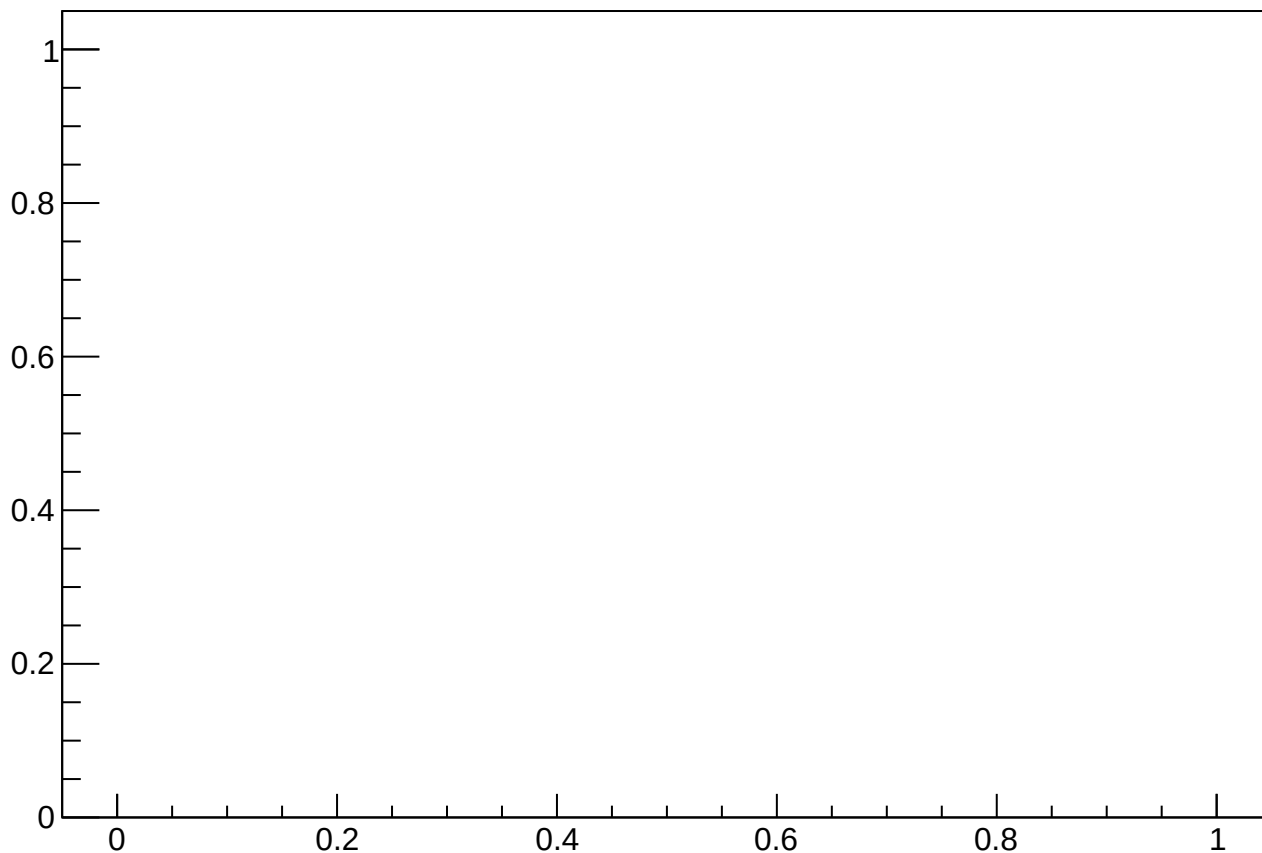
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

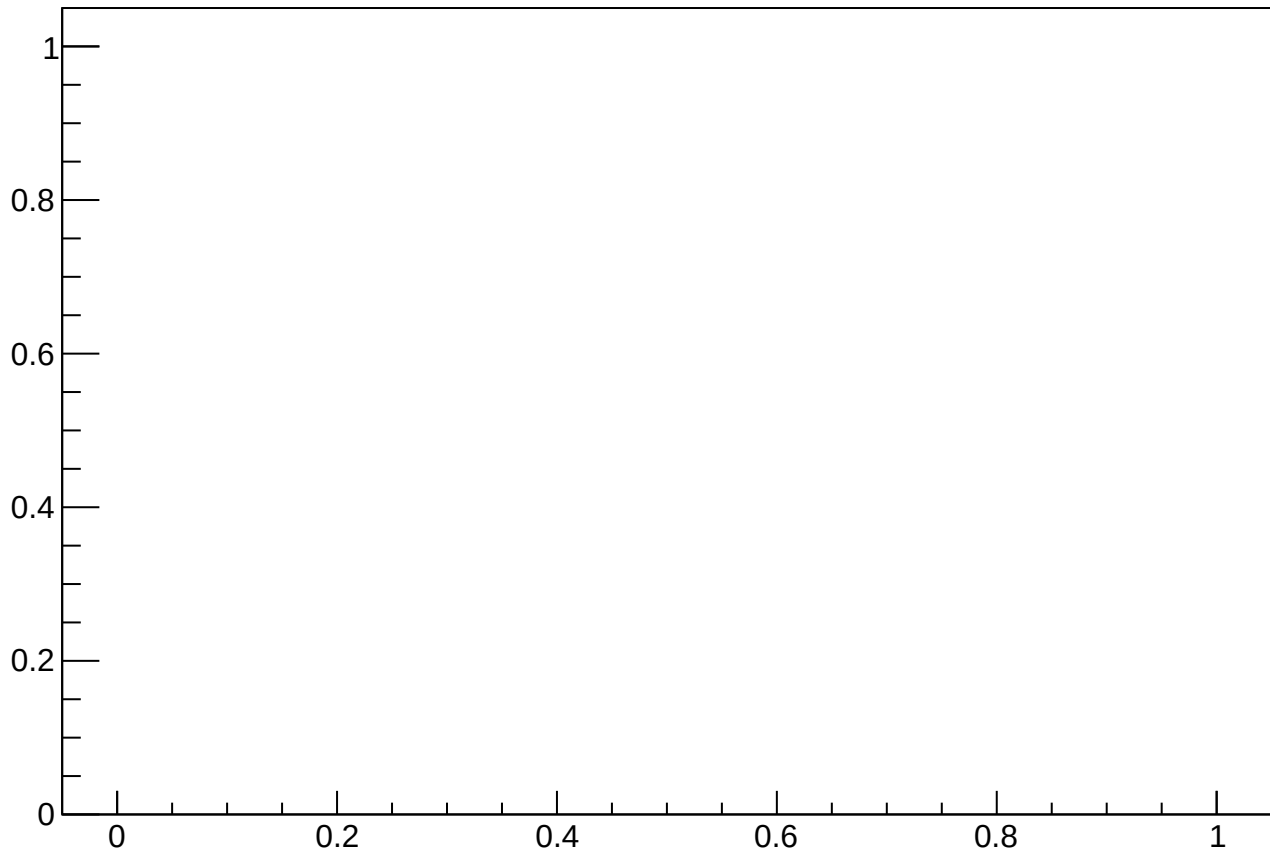
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

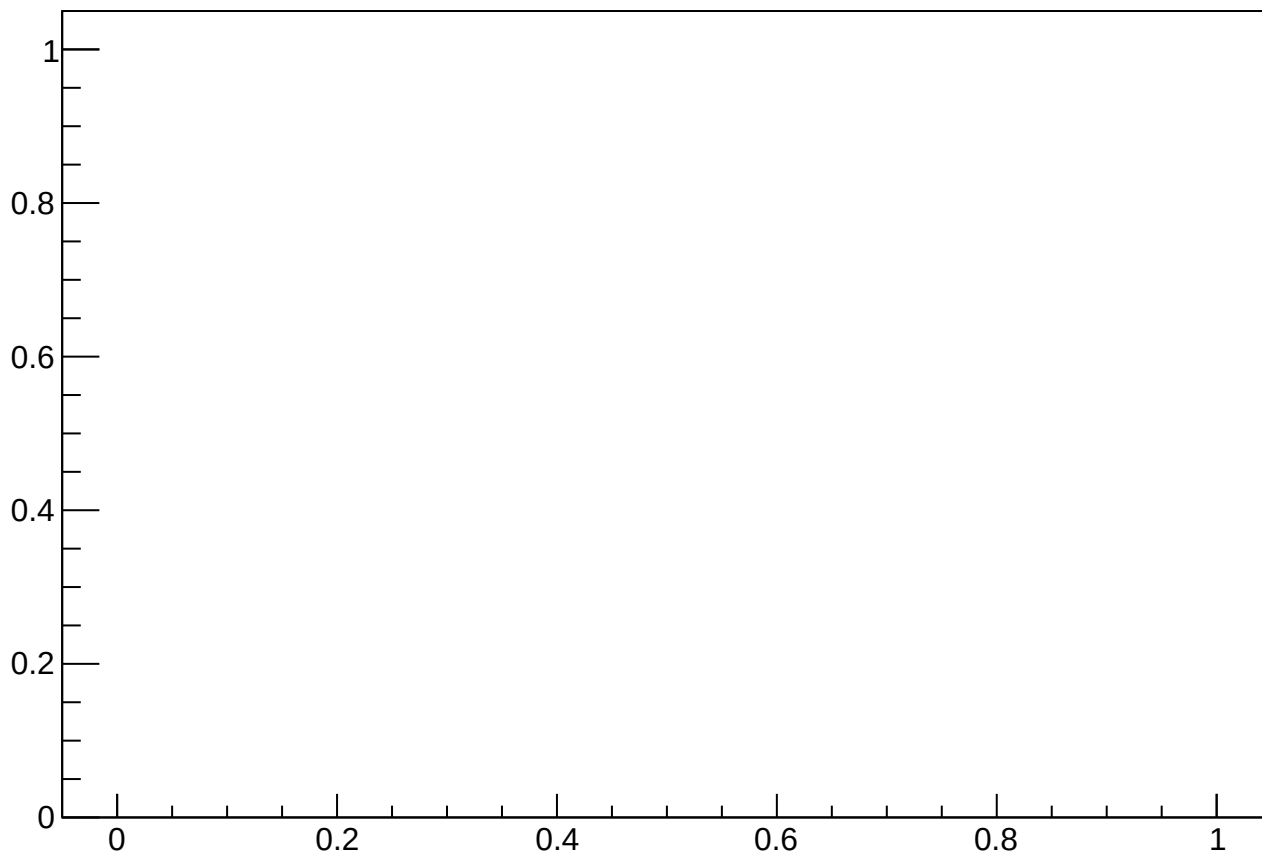
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

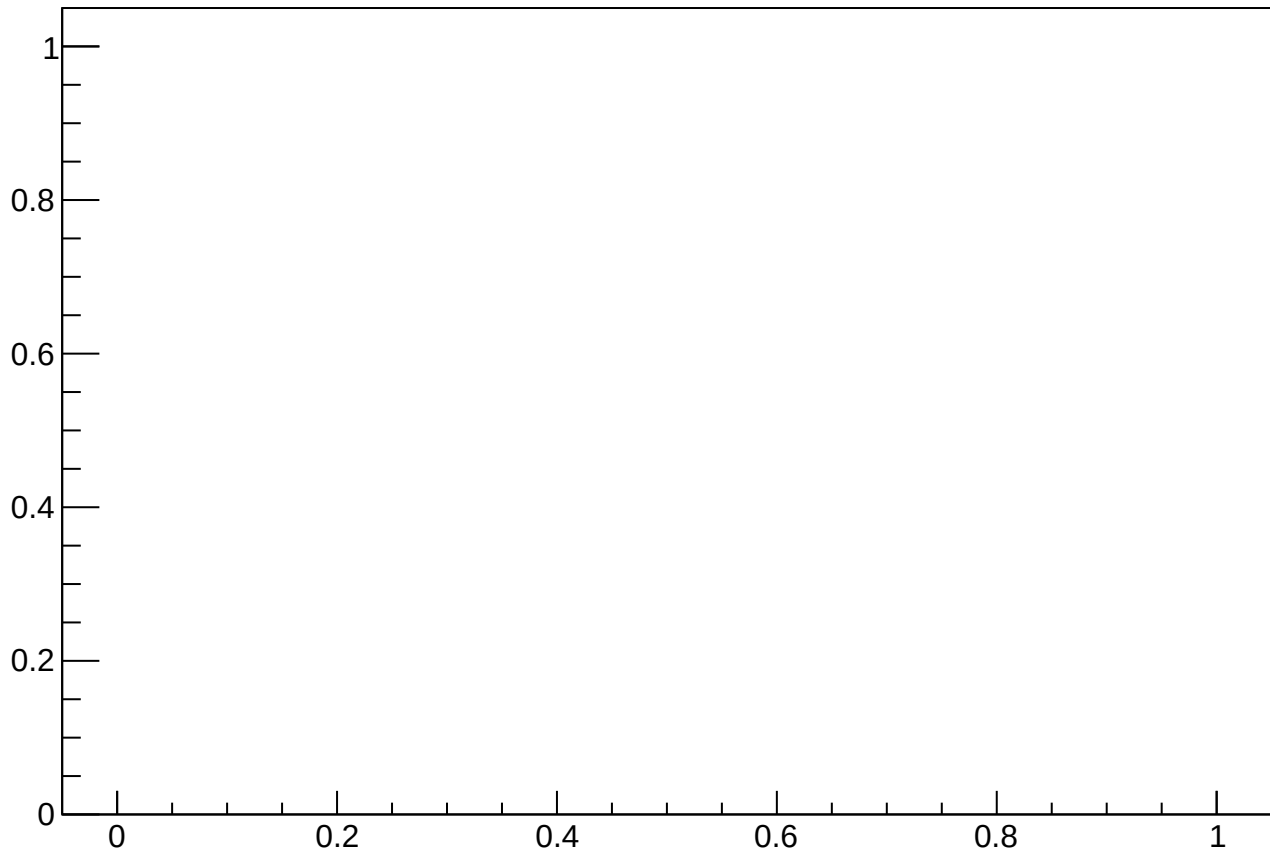
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

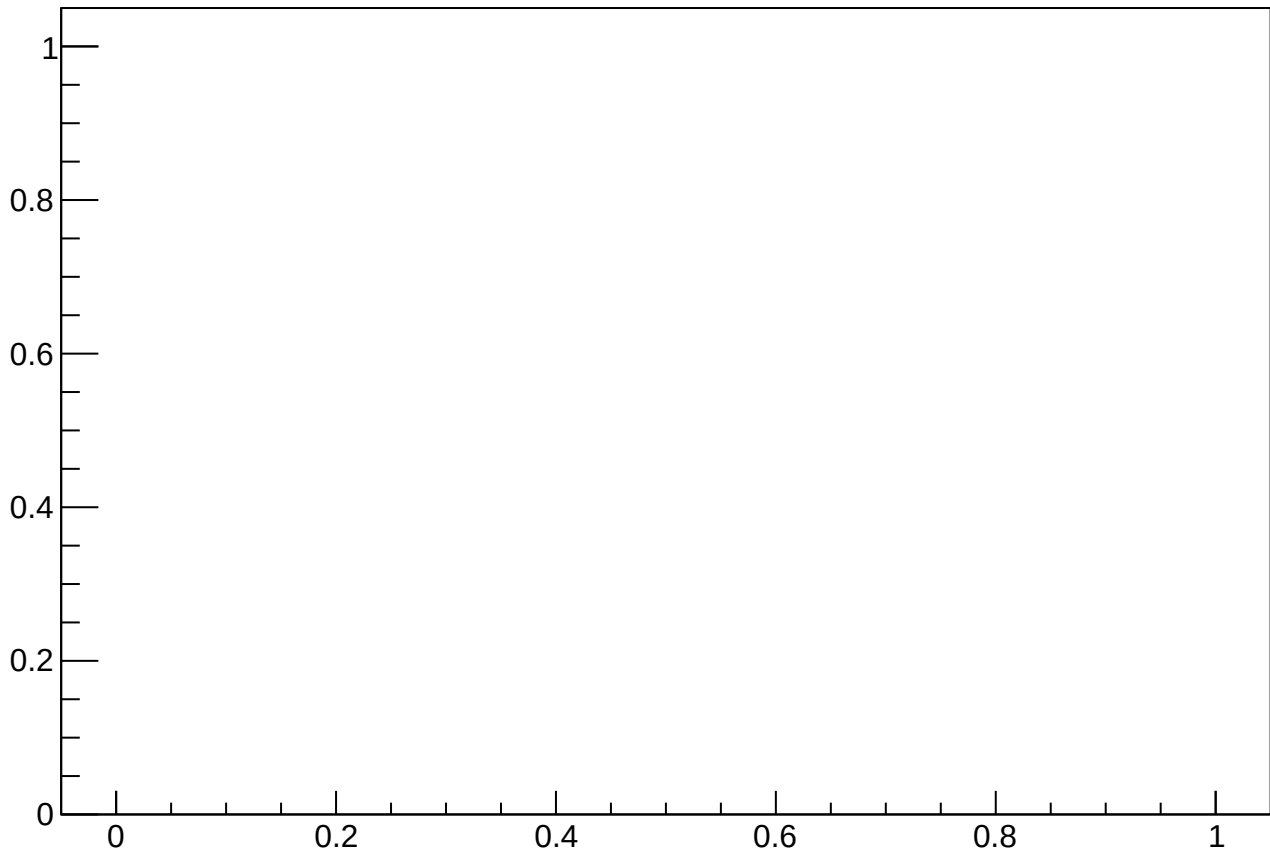
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

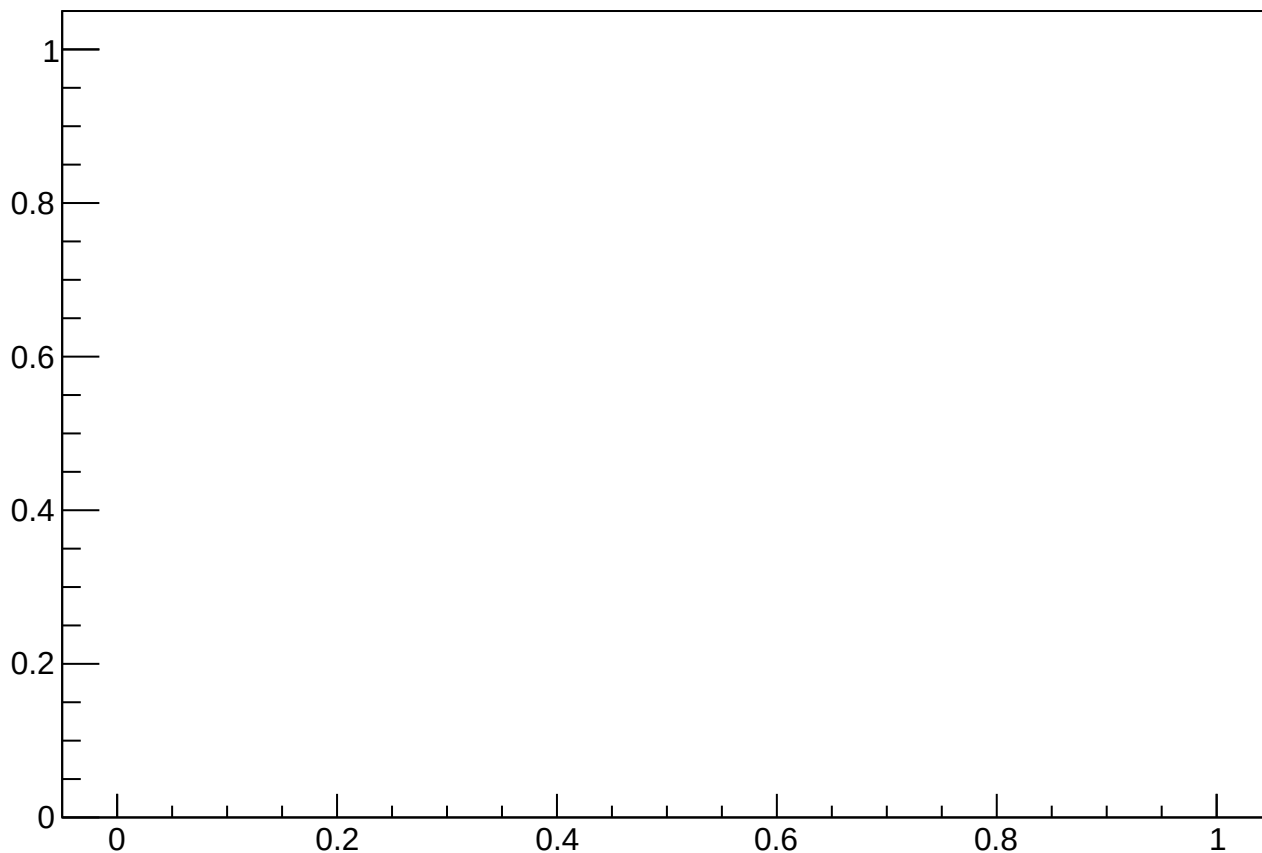
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

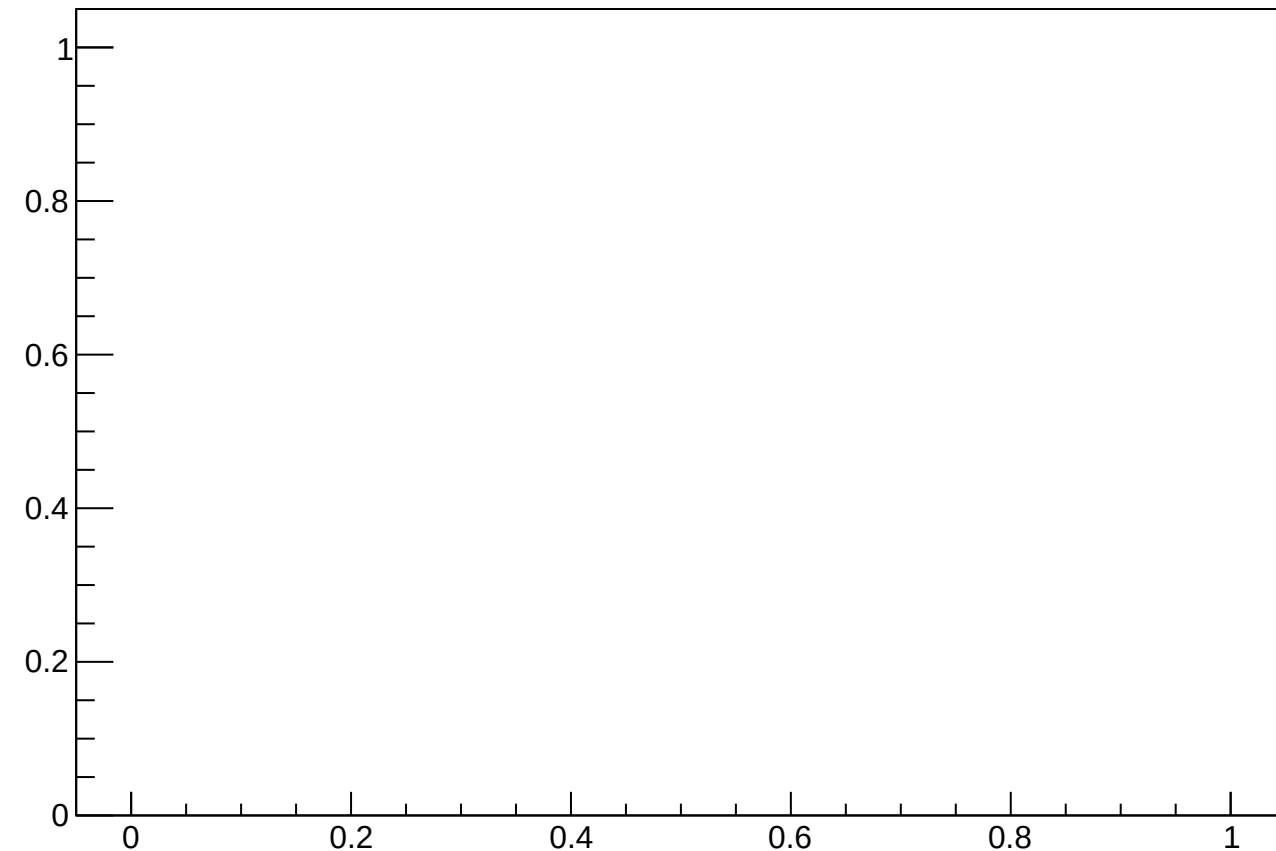
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

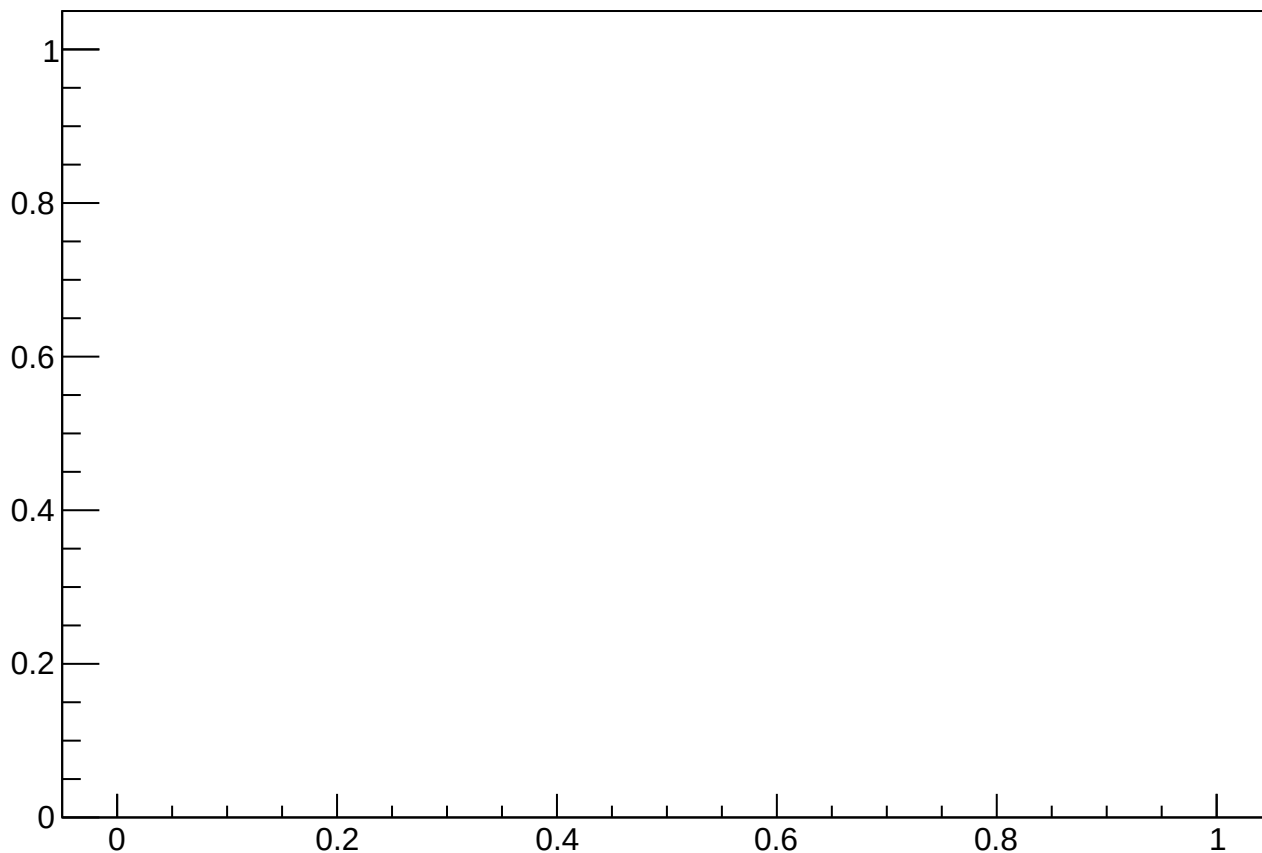
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

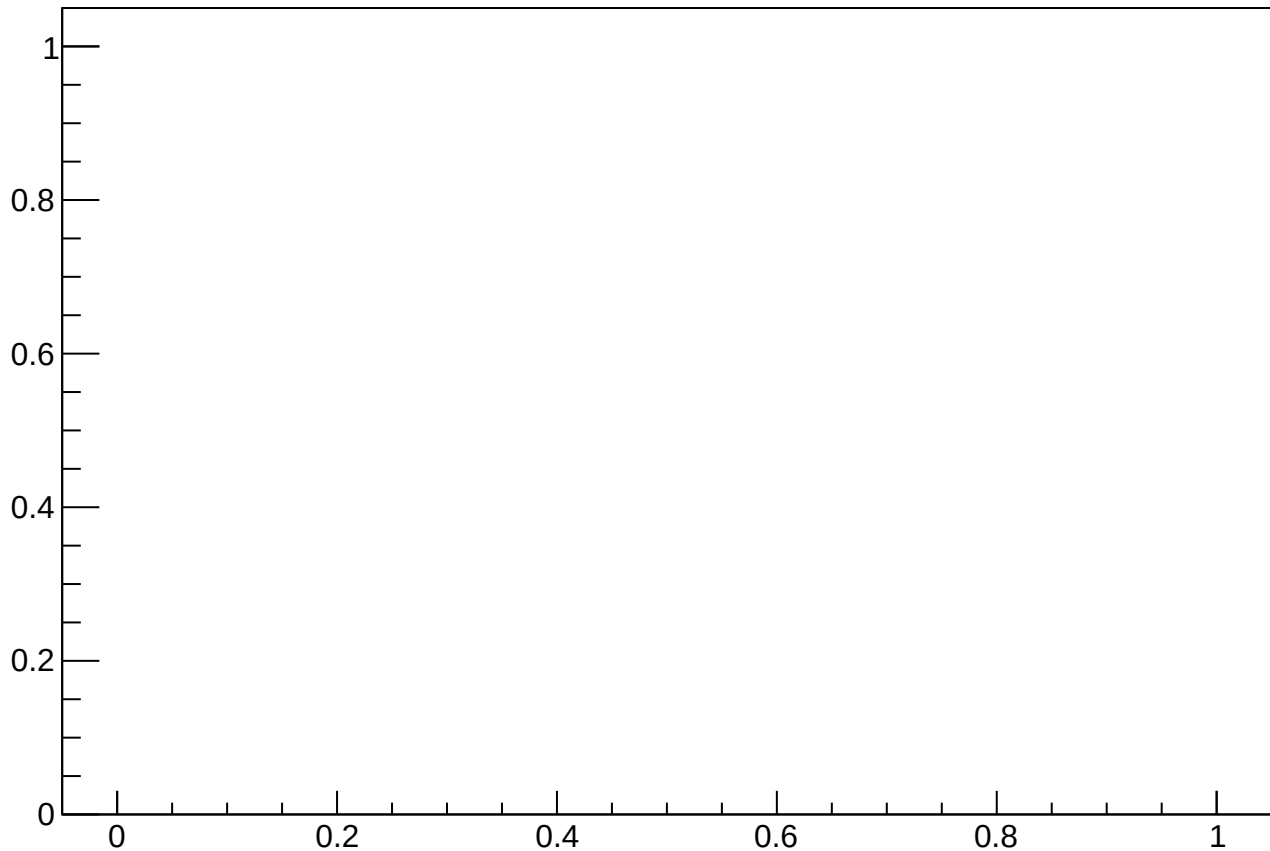
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

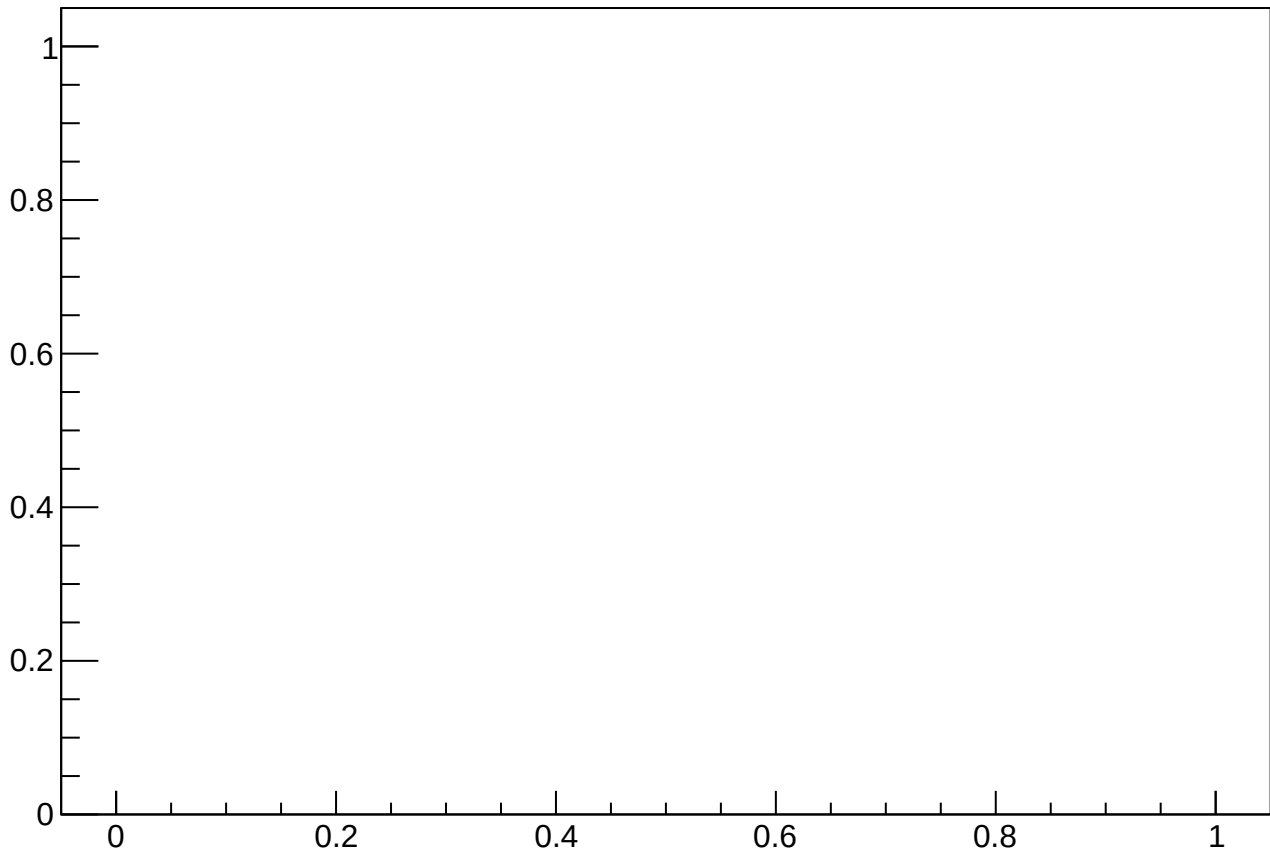
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

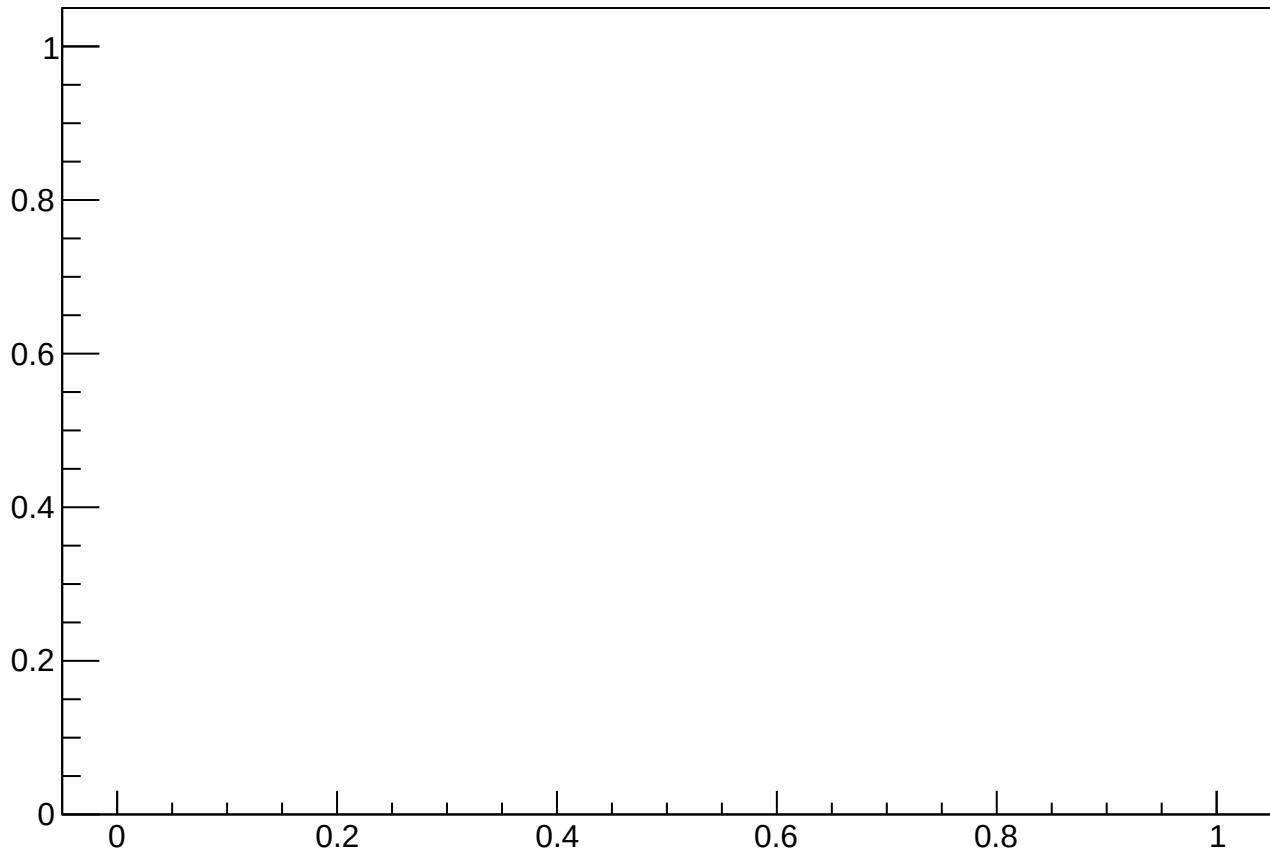
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

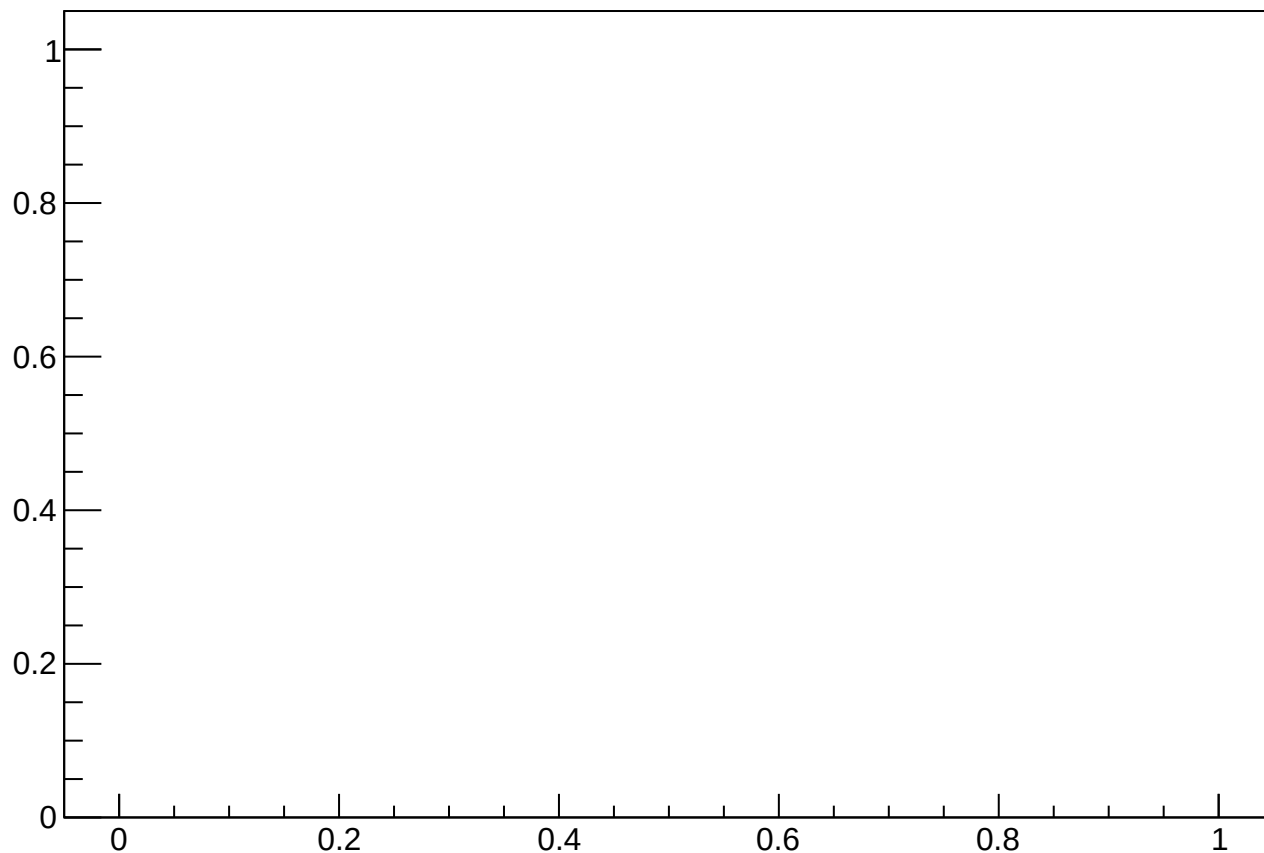
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

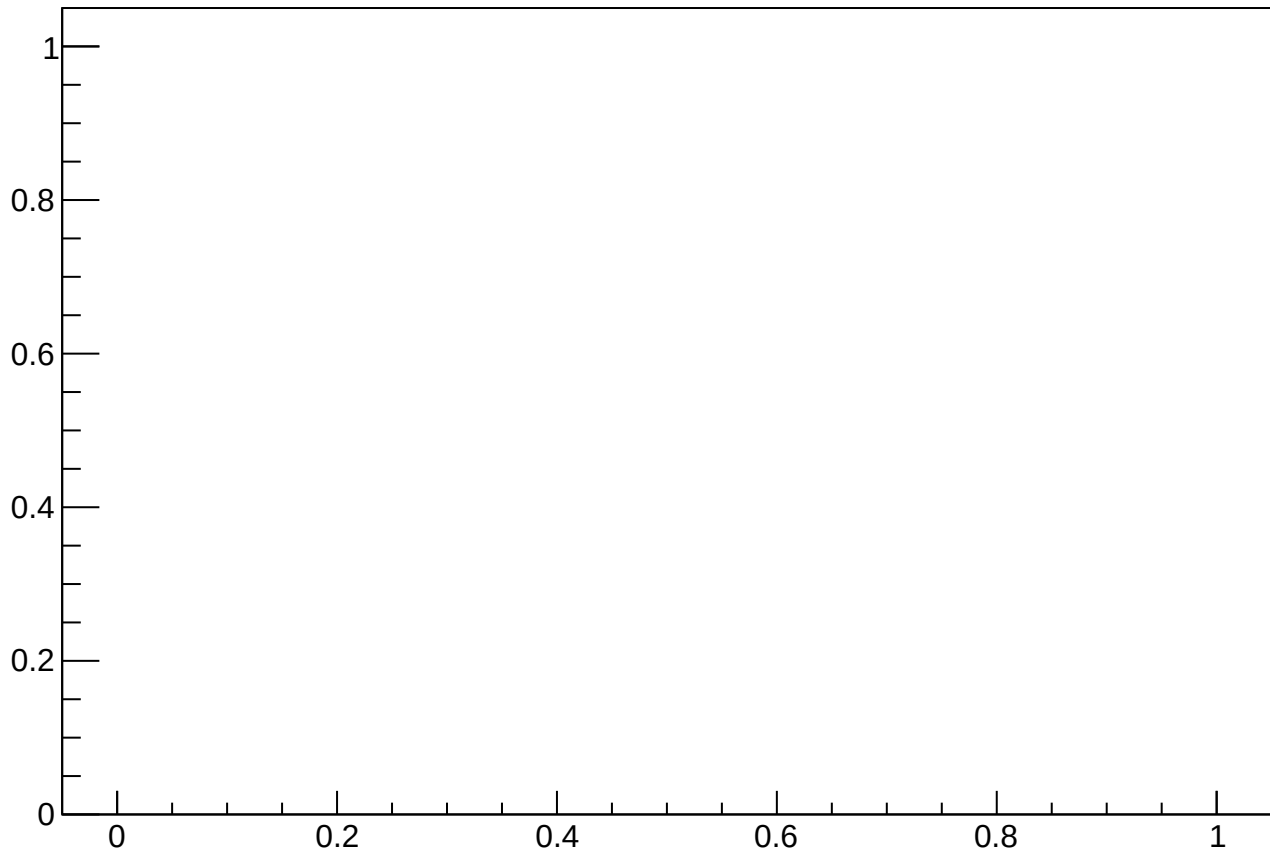
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

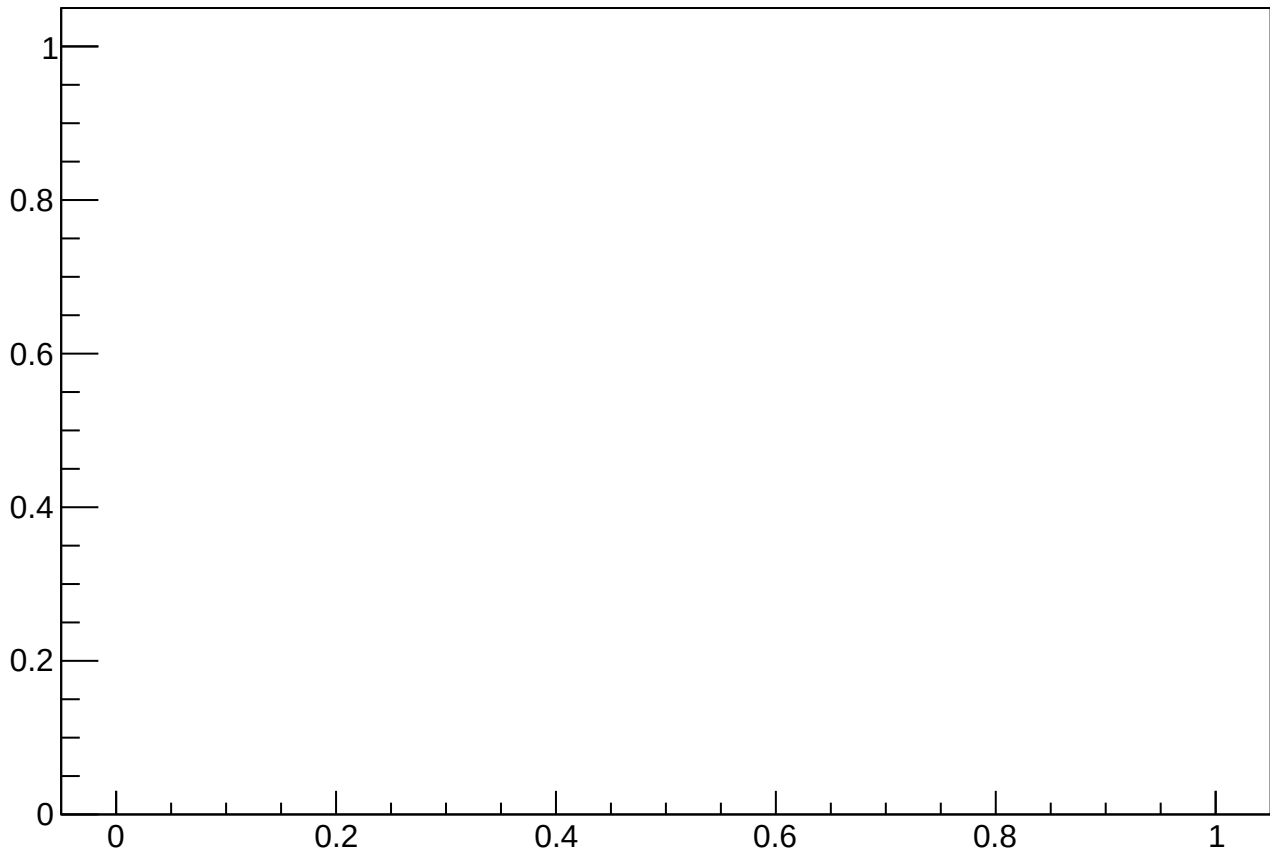
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

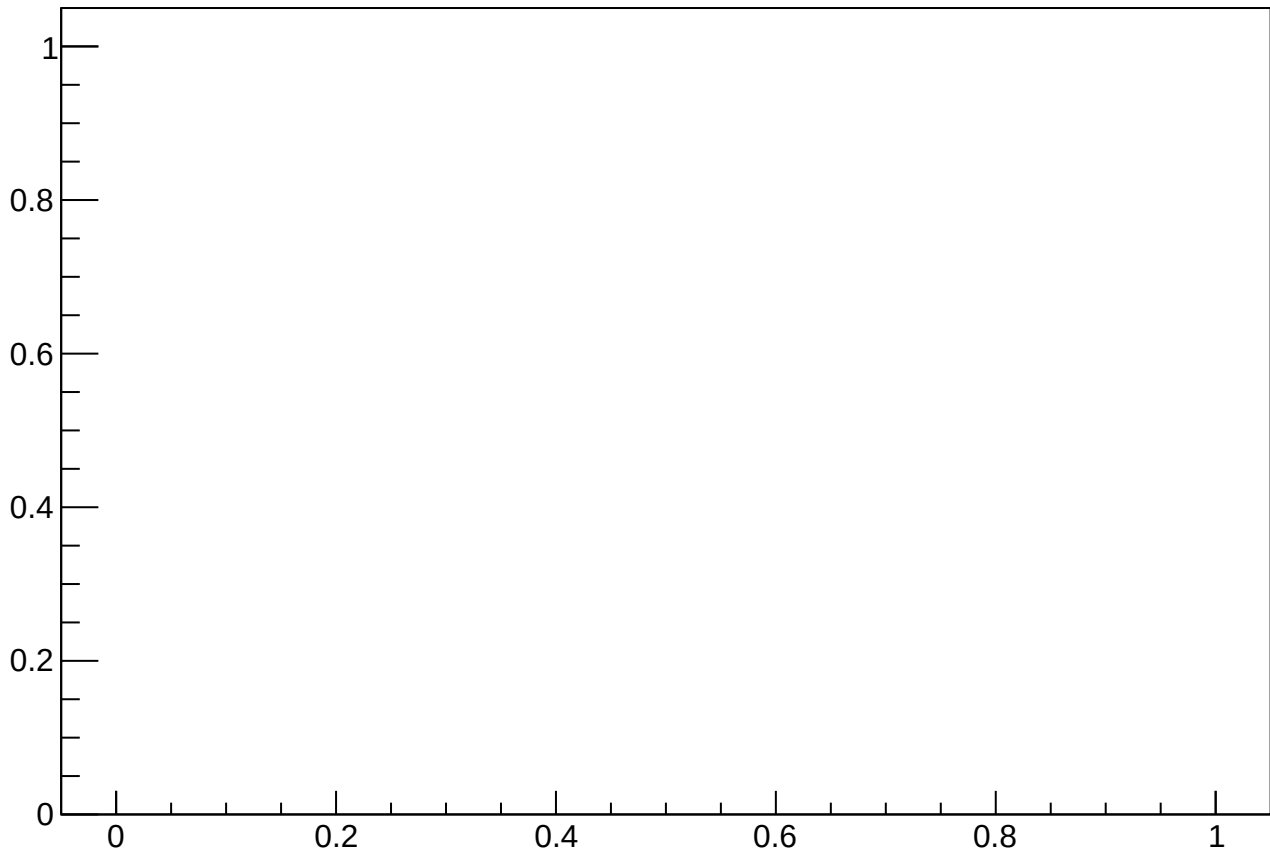
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

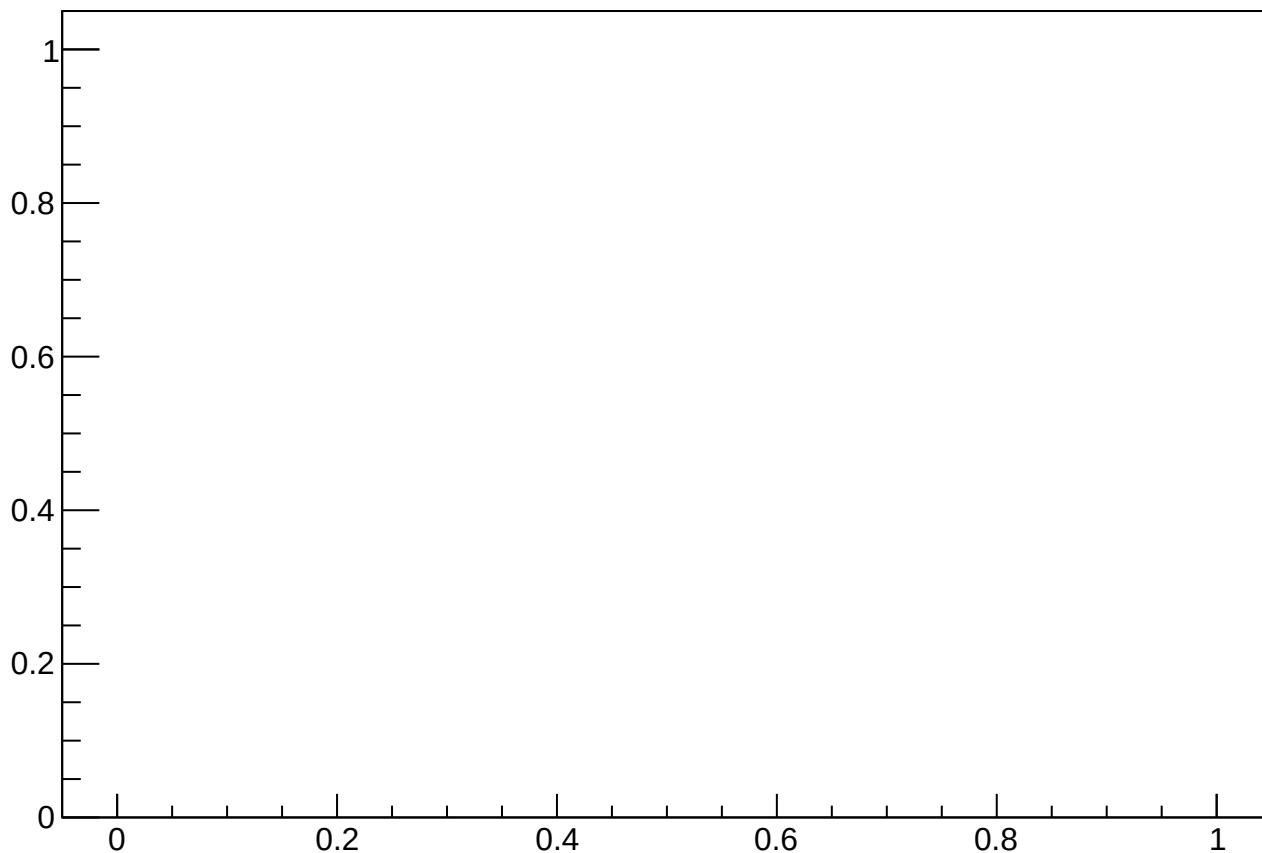
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

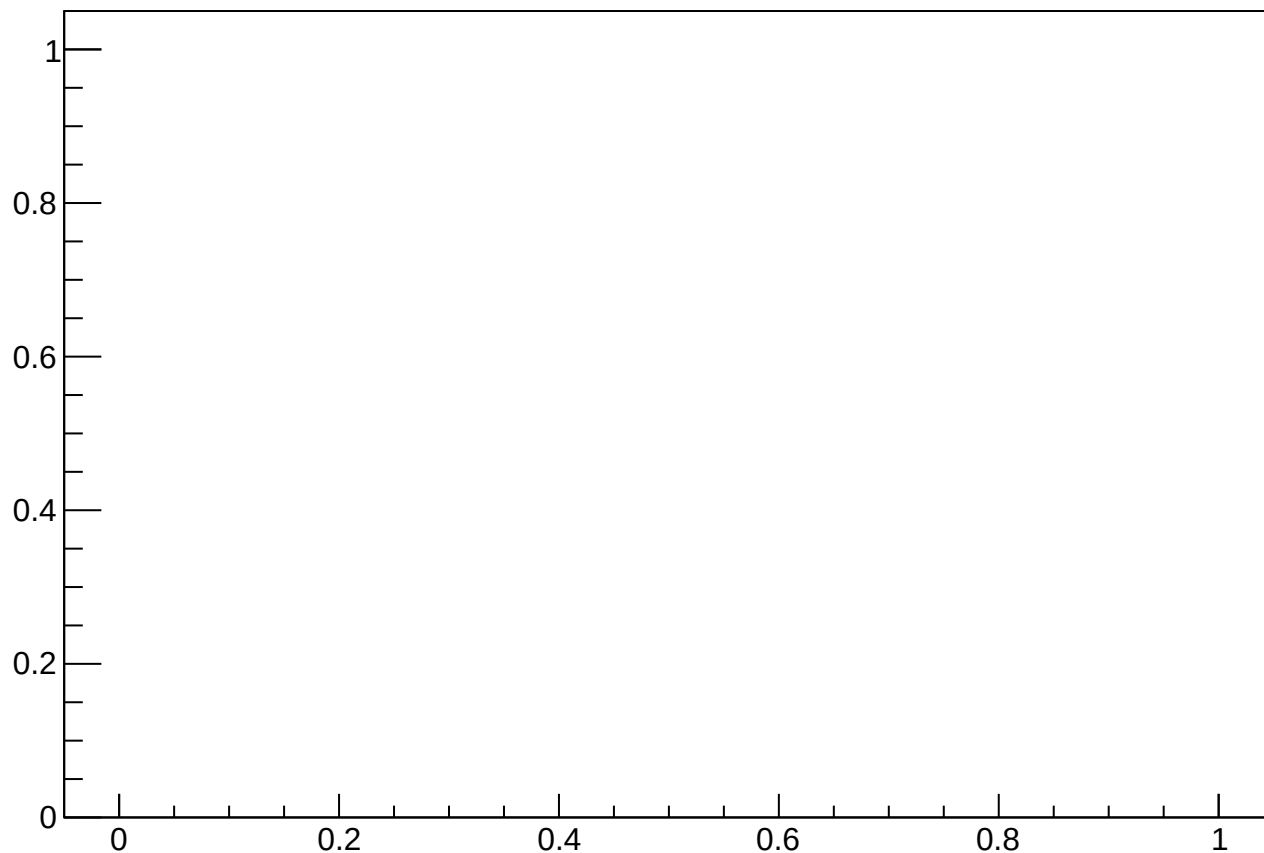
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

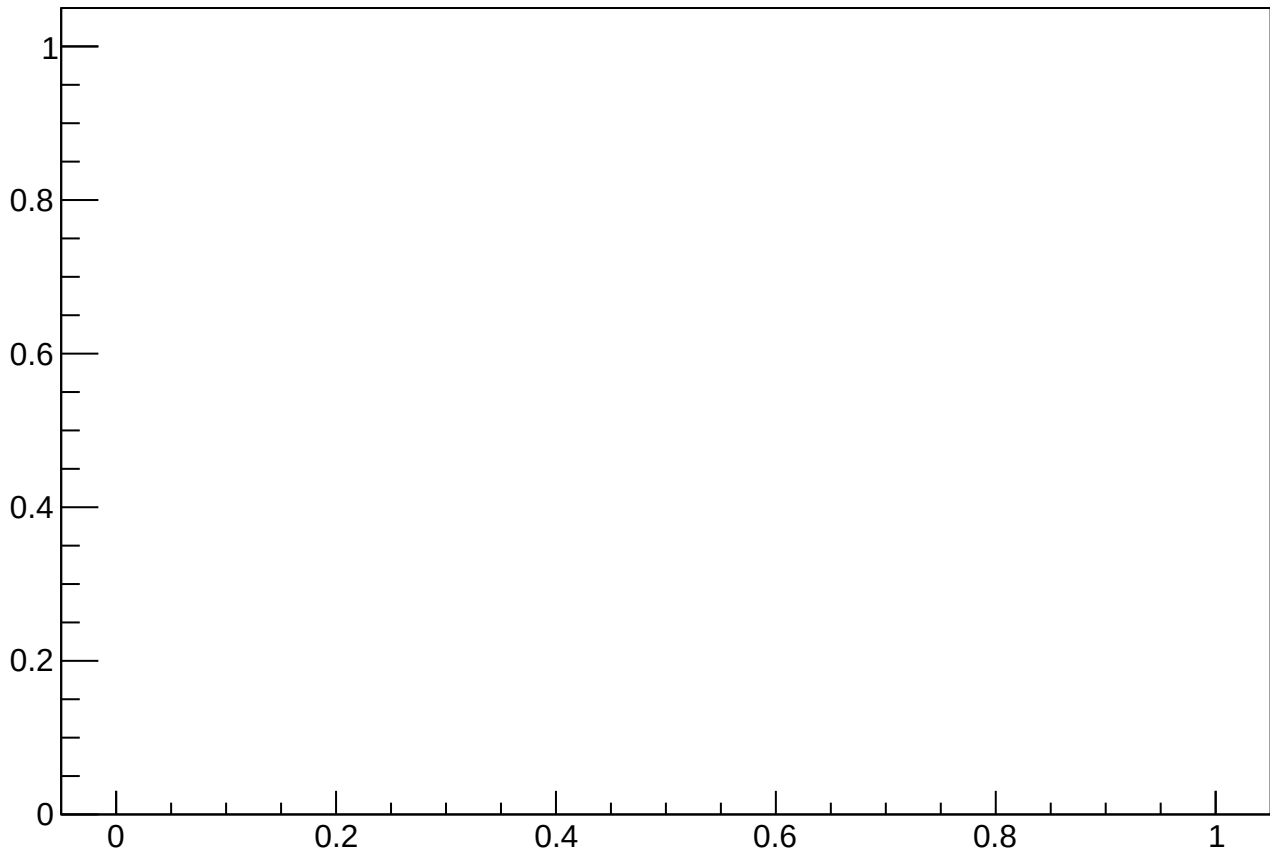
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

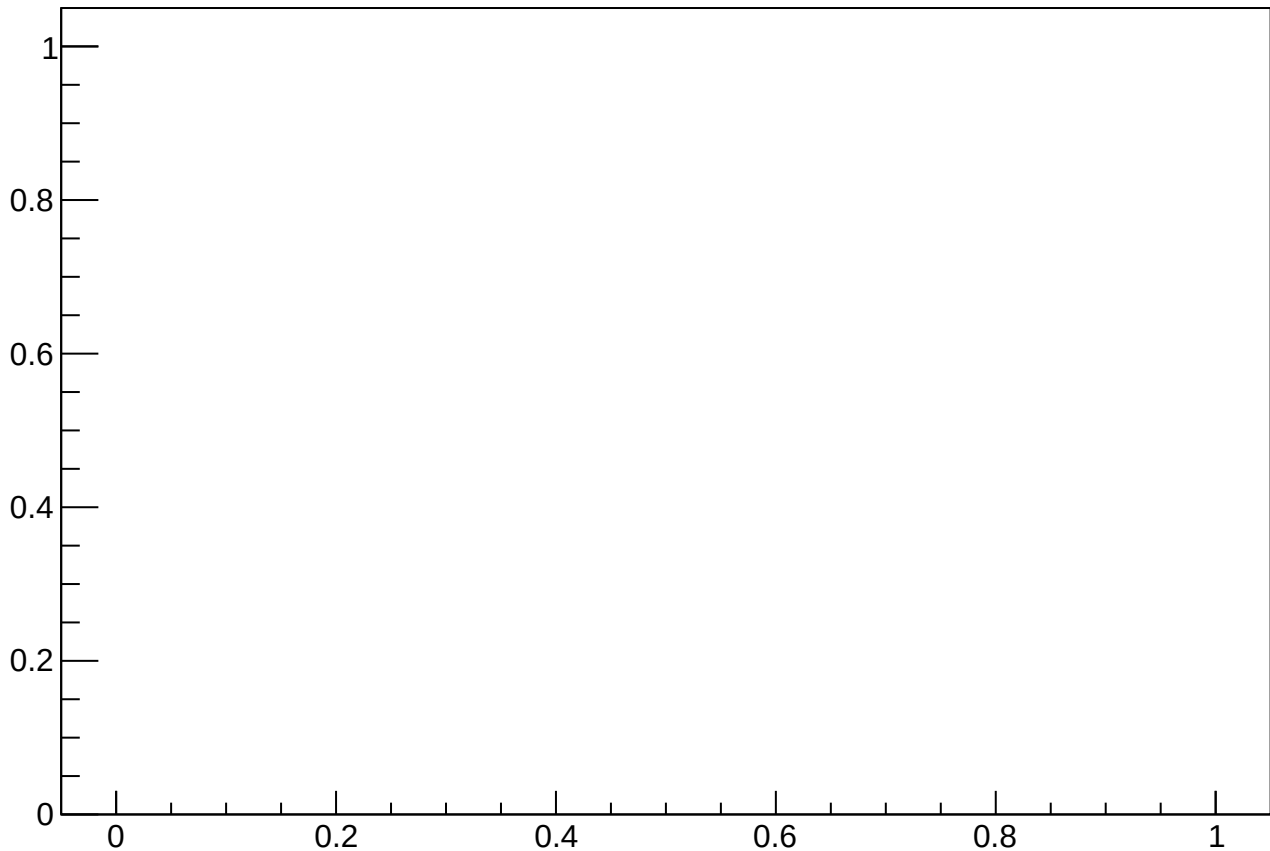
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

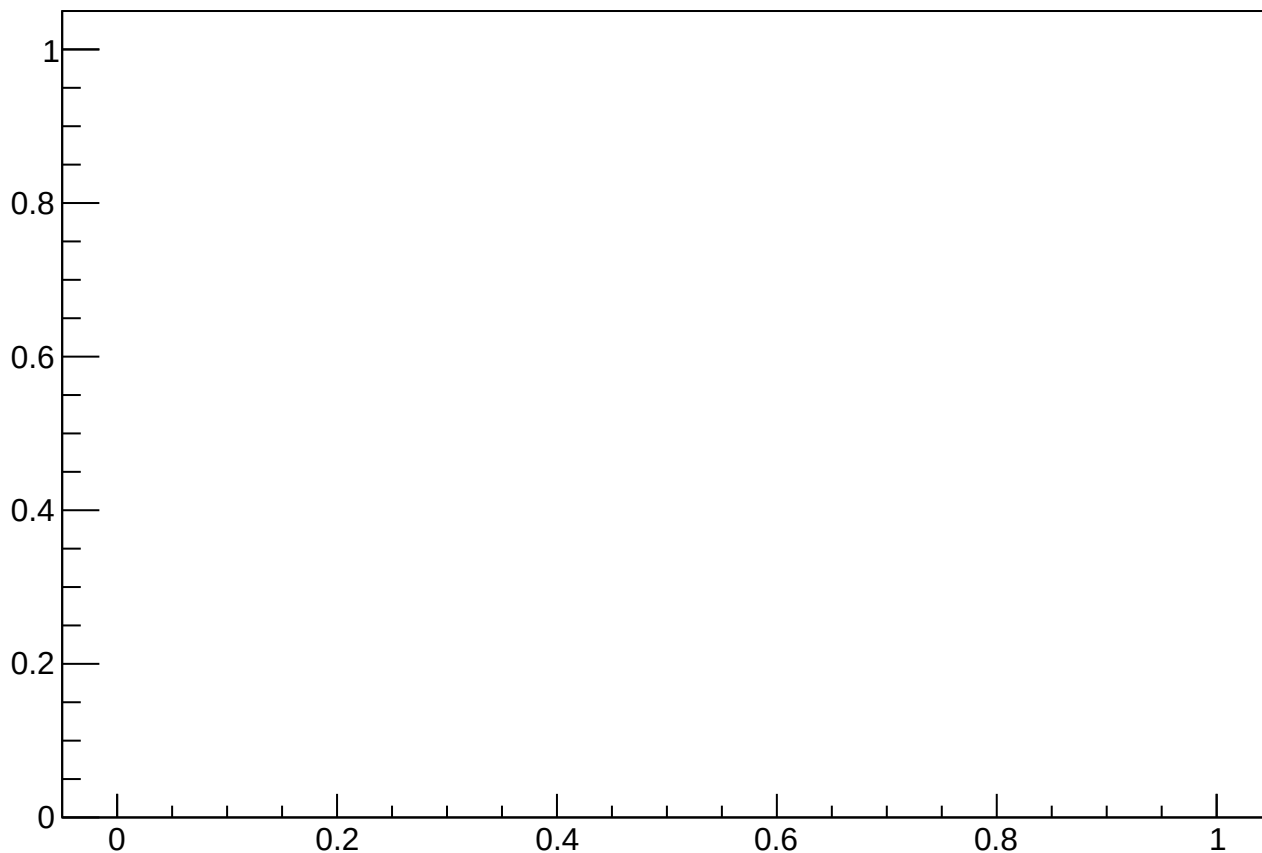
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

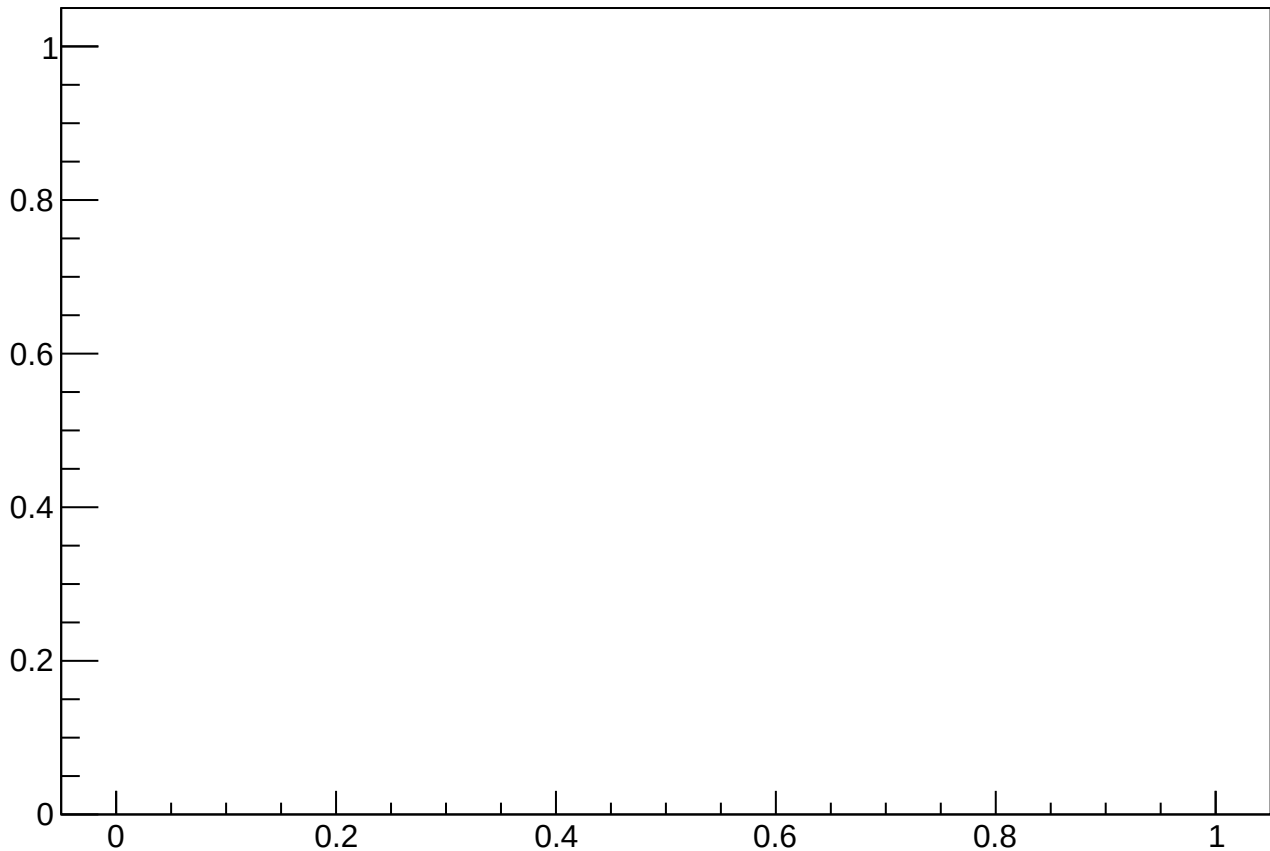
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

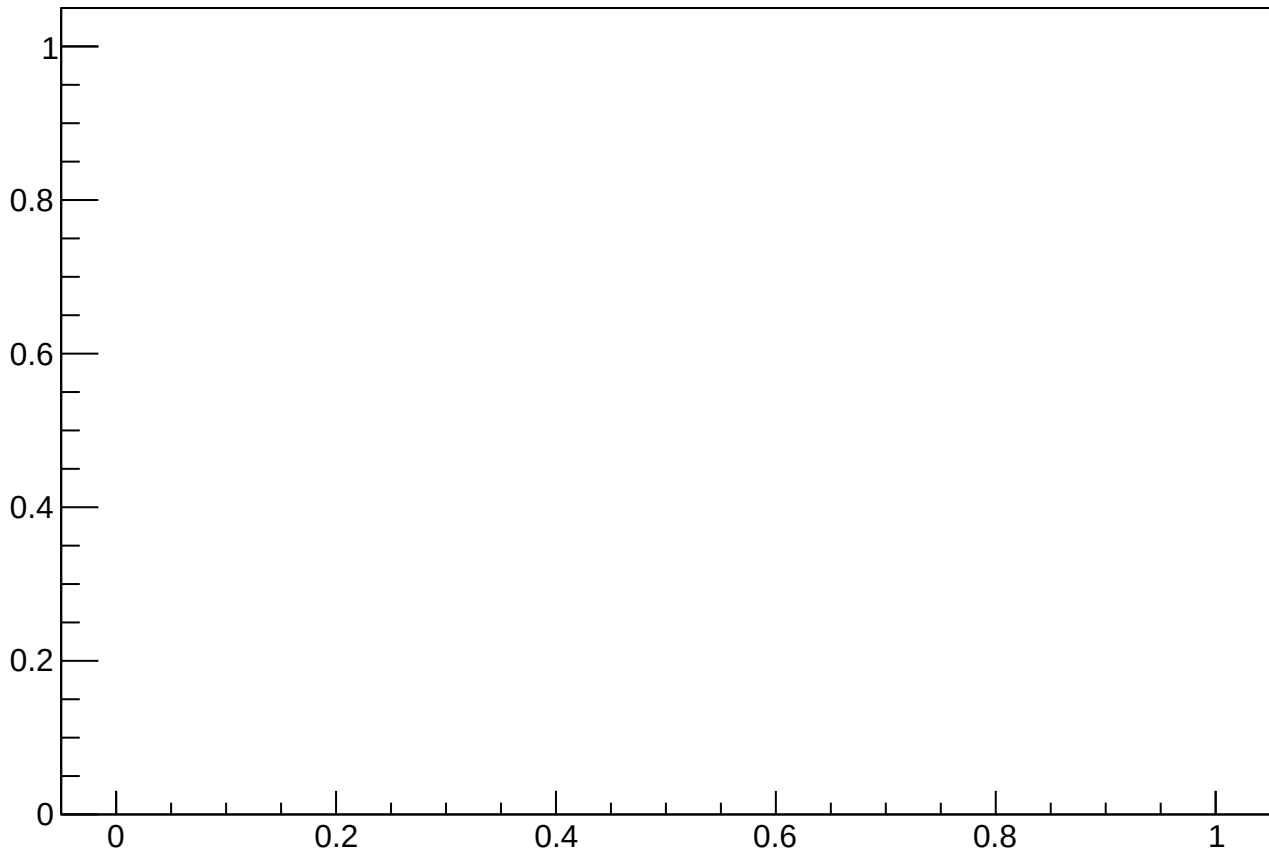
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

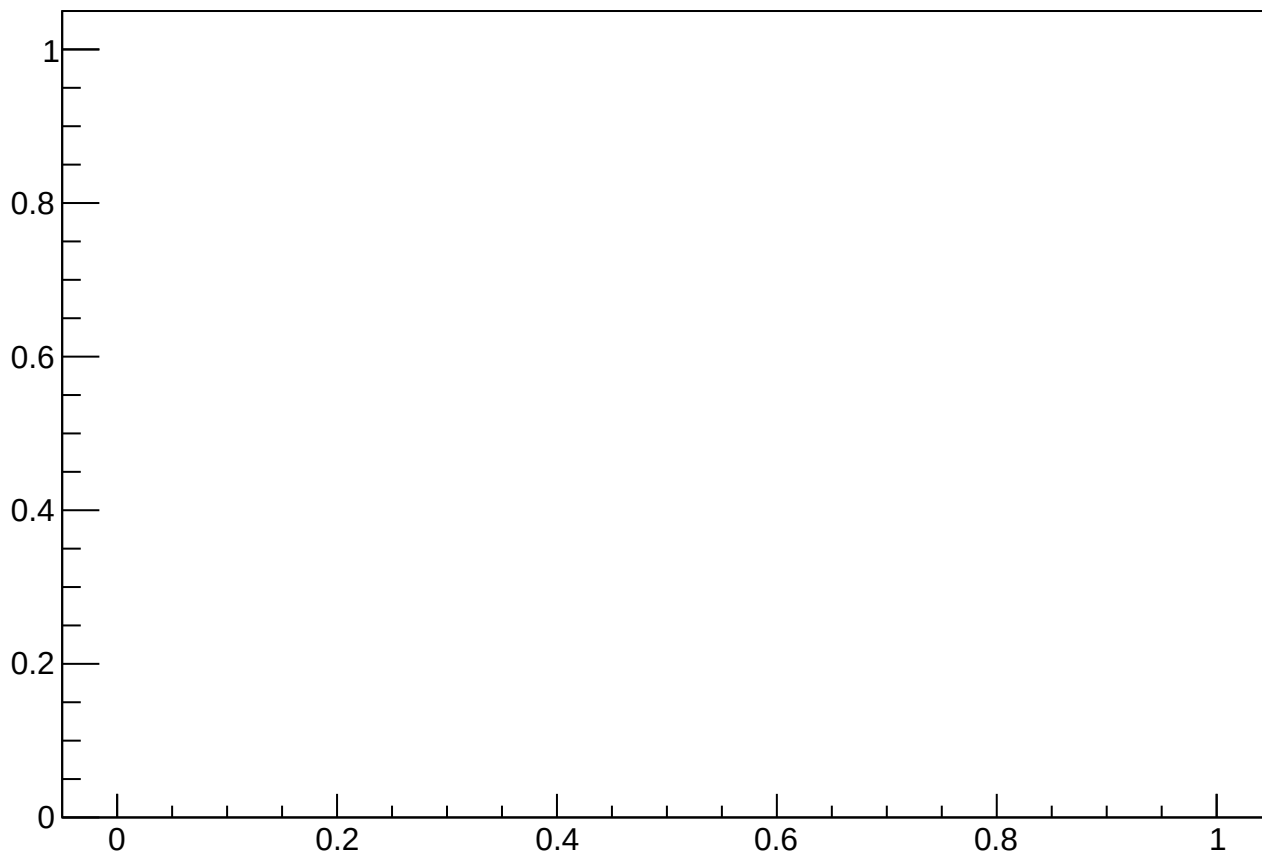
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

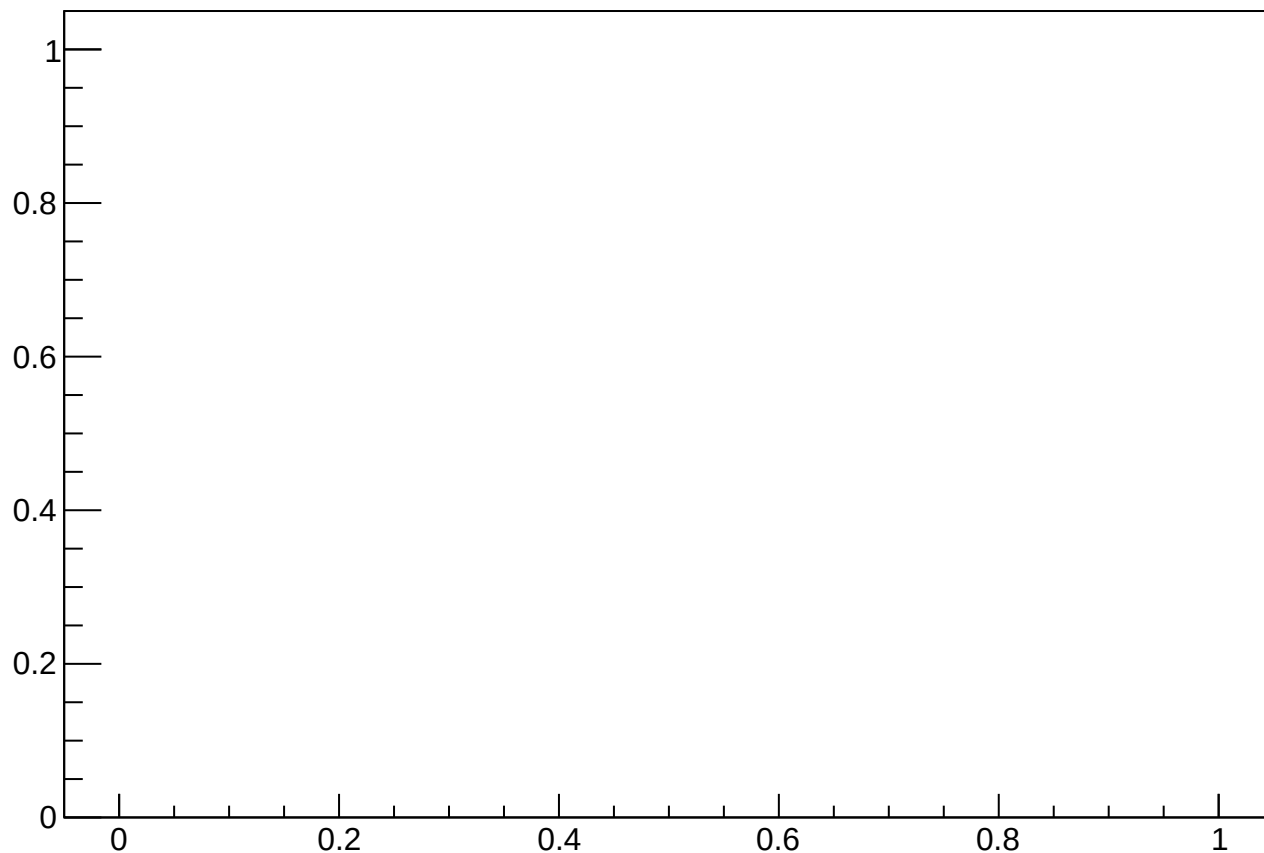
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

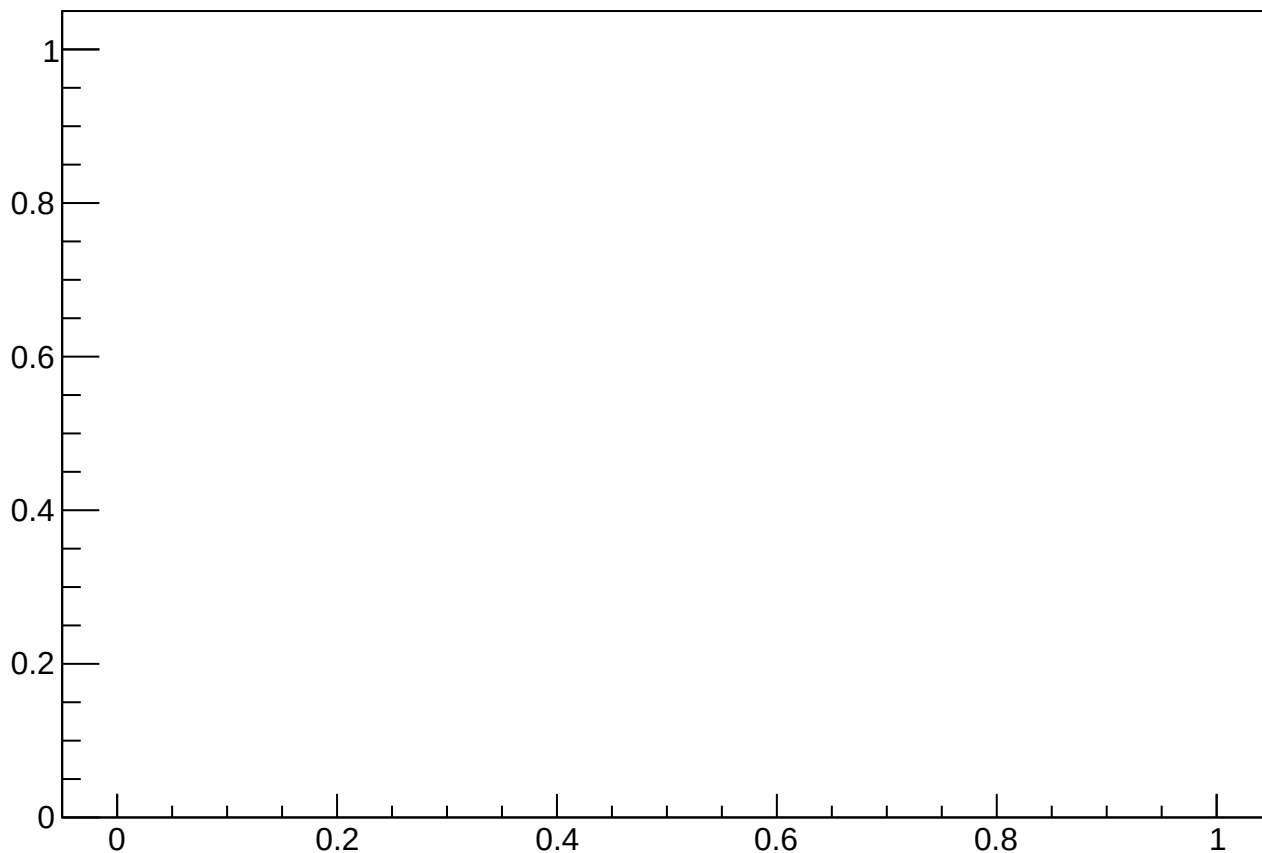
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam4_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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

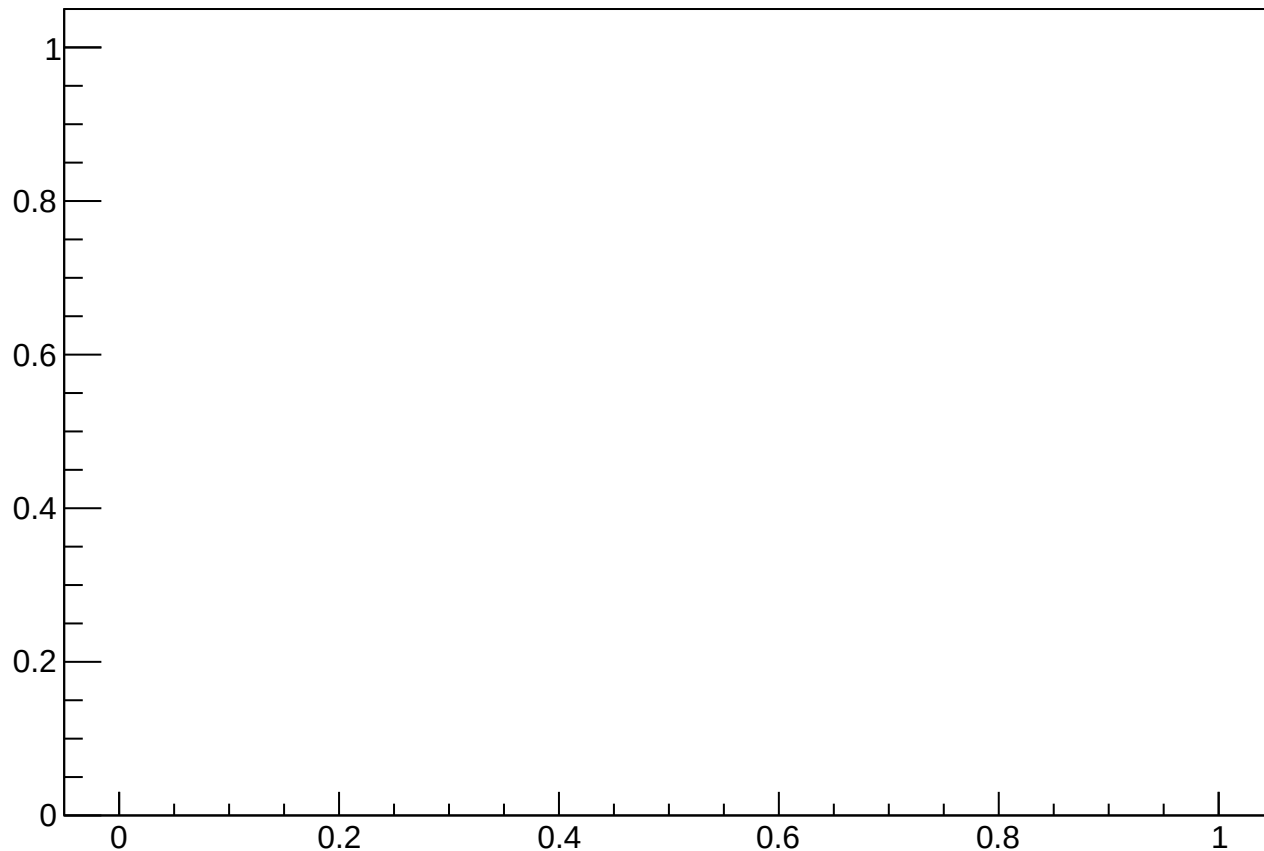
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

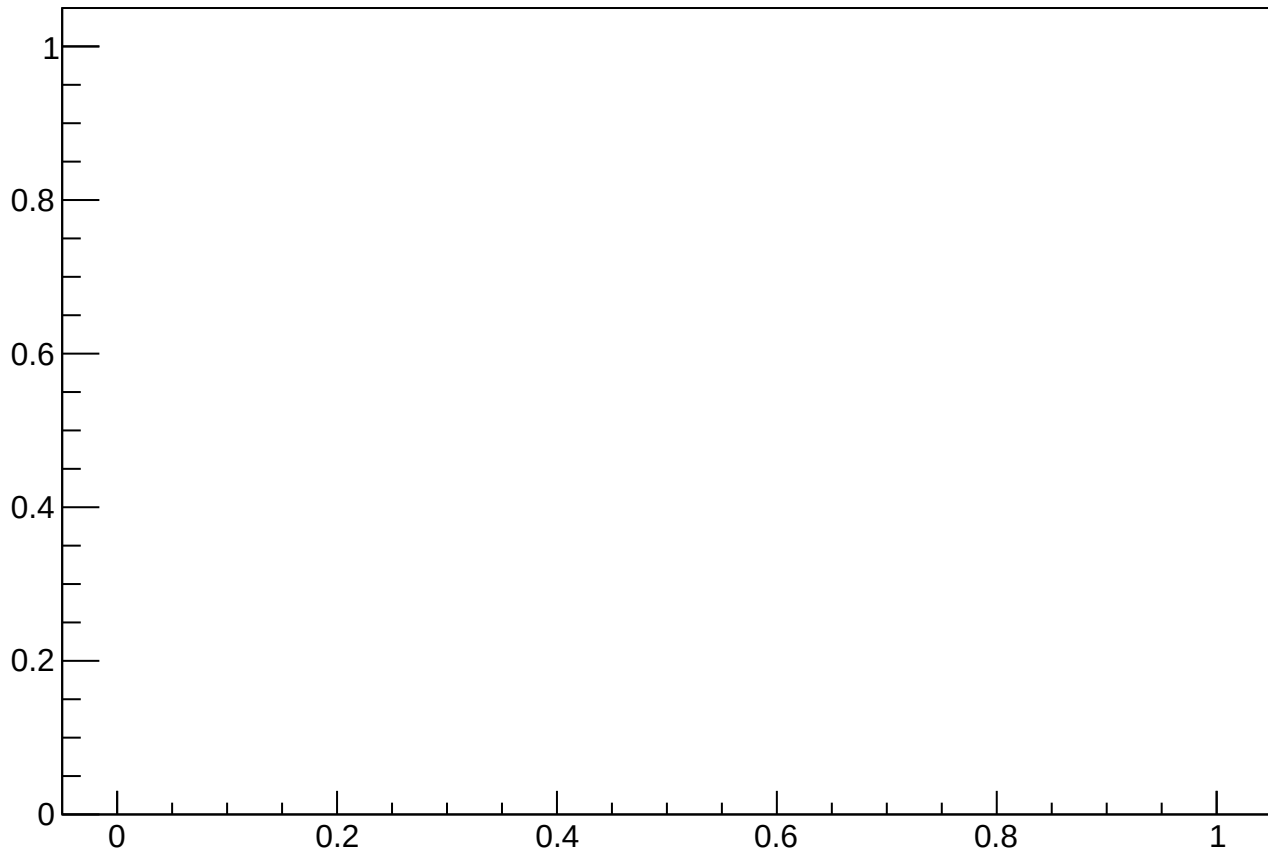
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

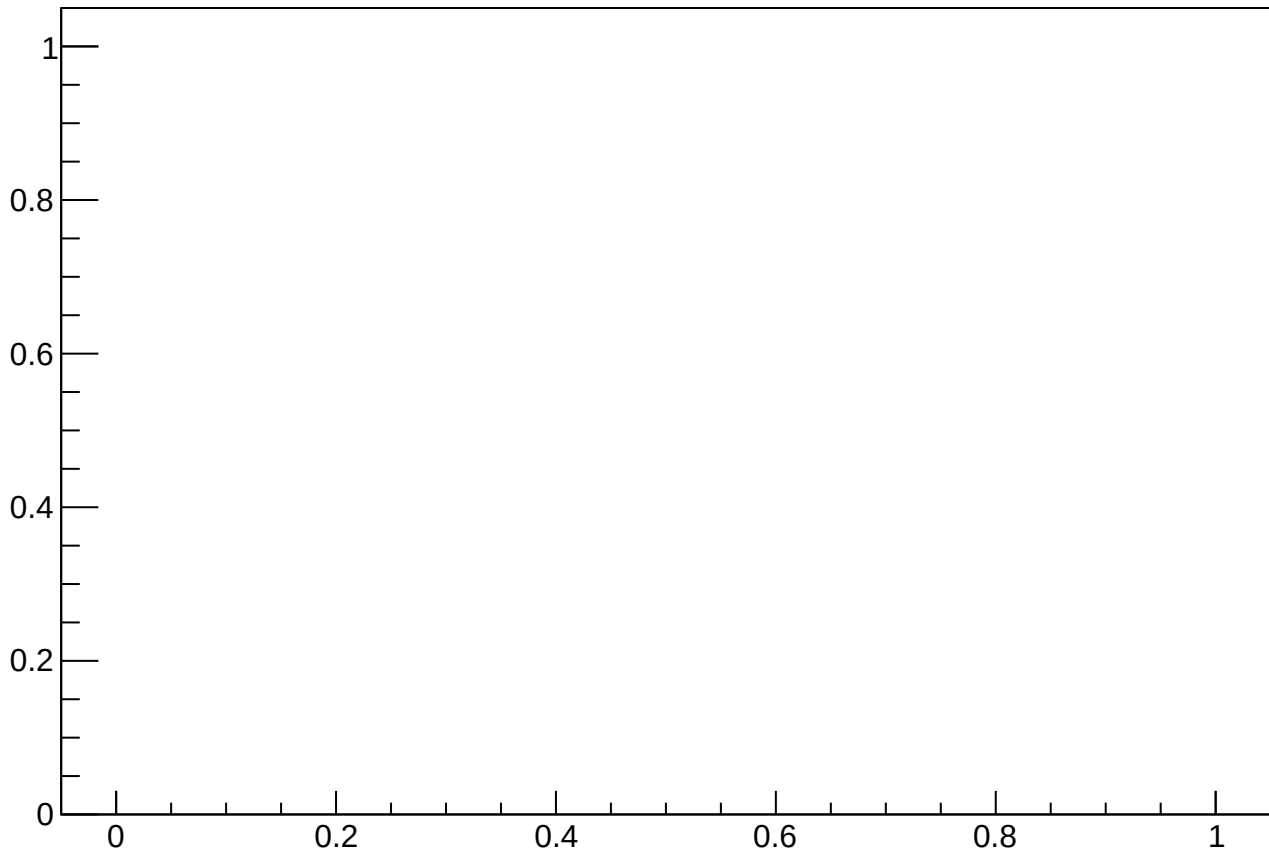
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

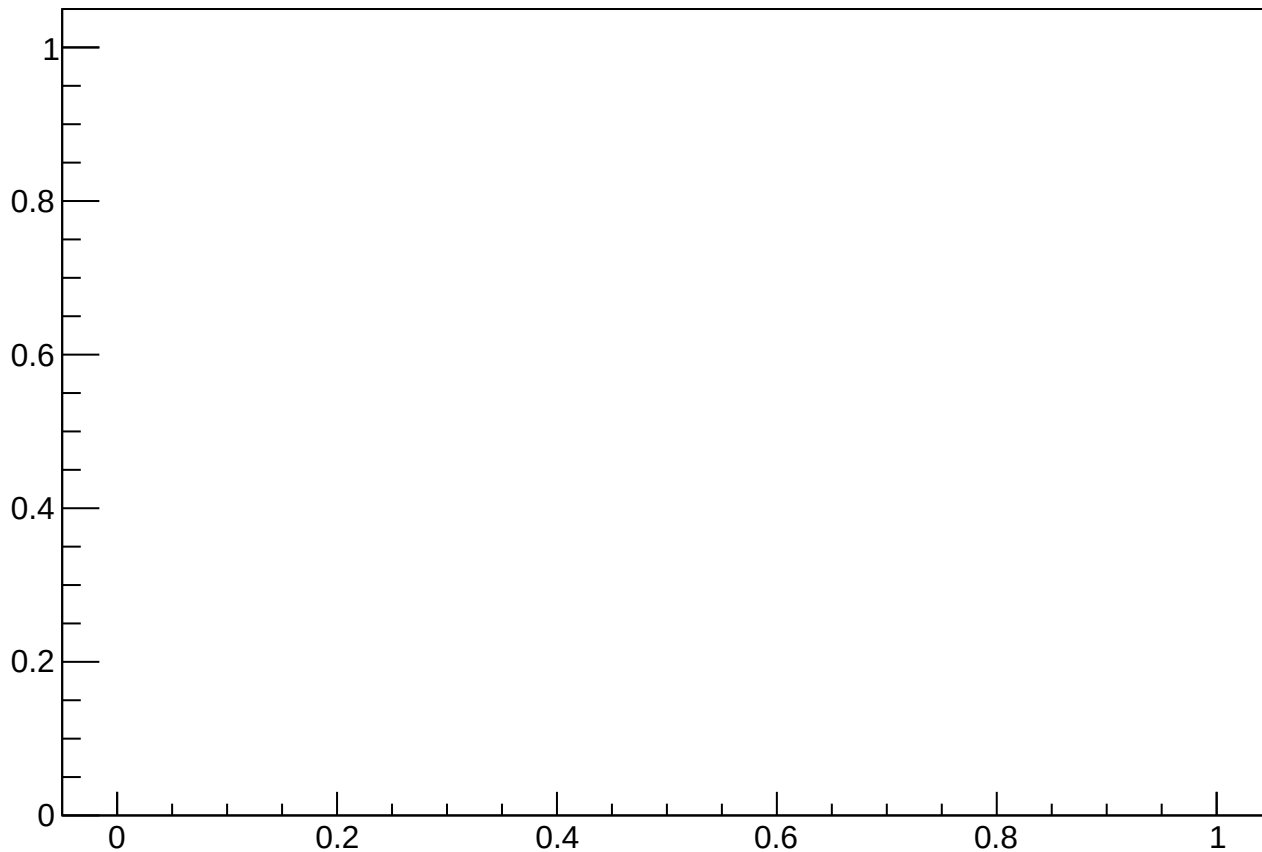
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

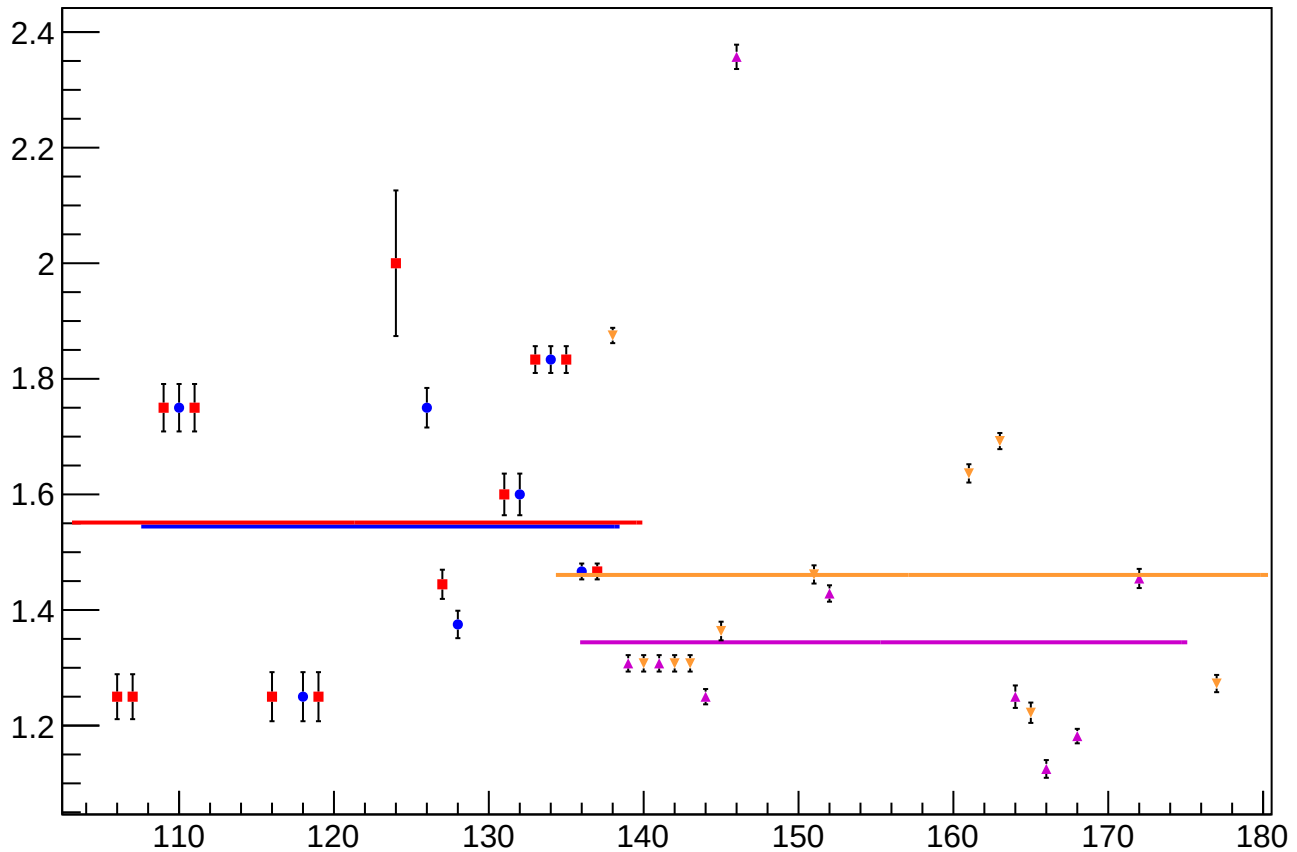
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.461 $\pm$ 0.005 χ^2/NDF :2103.3/9

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: 1.406 $\pm$ 0.003 χ^2/NDF : 5242.7/18

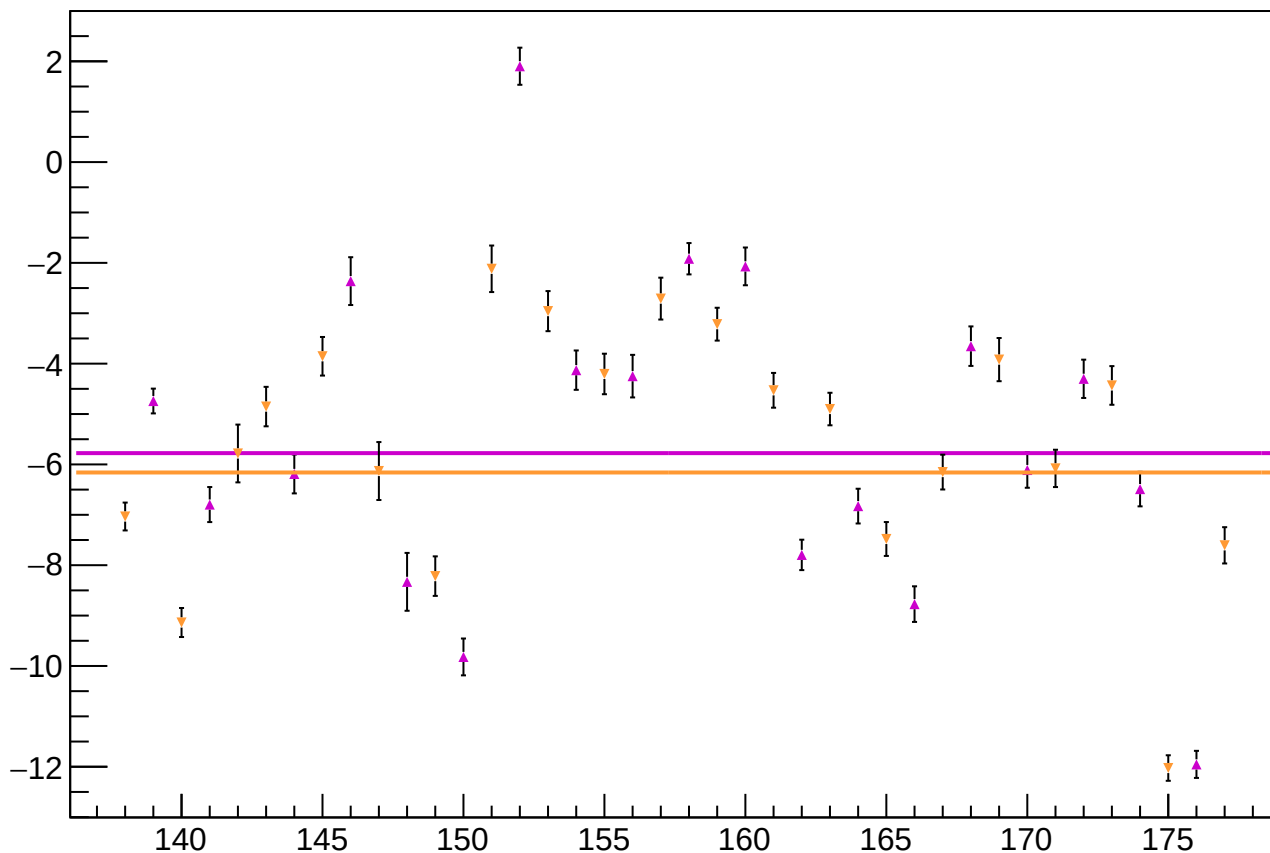
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2/NDF :2829.6/21

All: 1.440 $\pm$ 0.003 χ^2/NDF : 6637.2/37

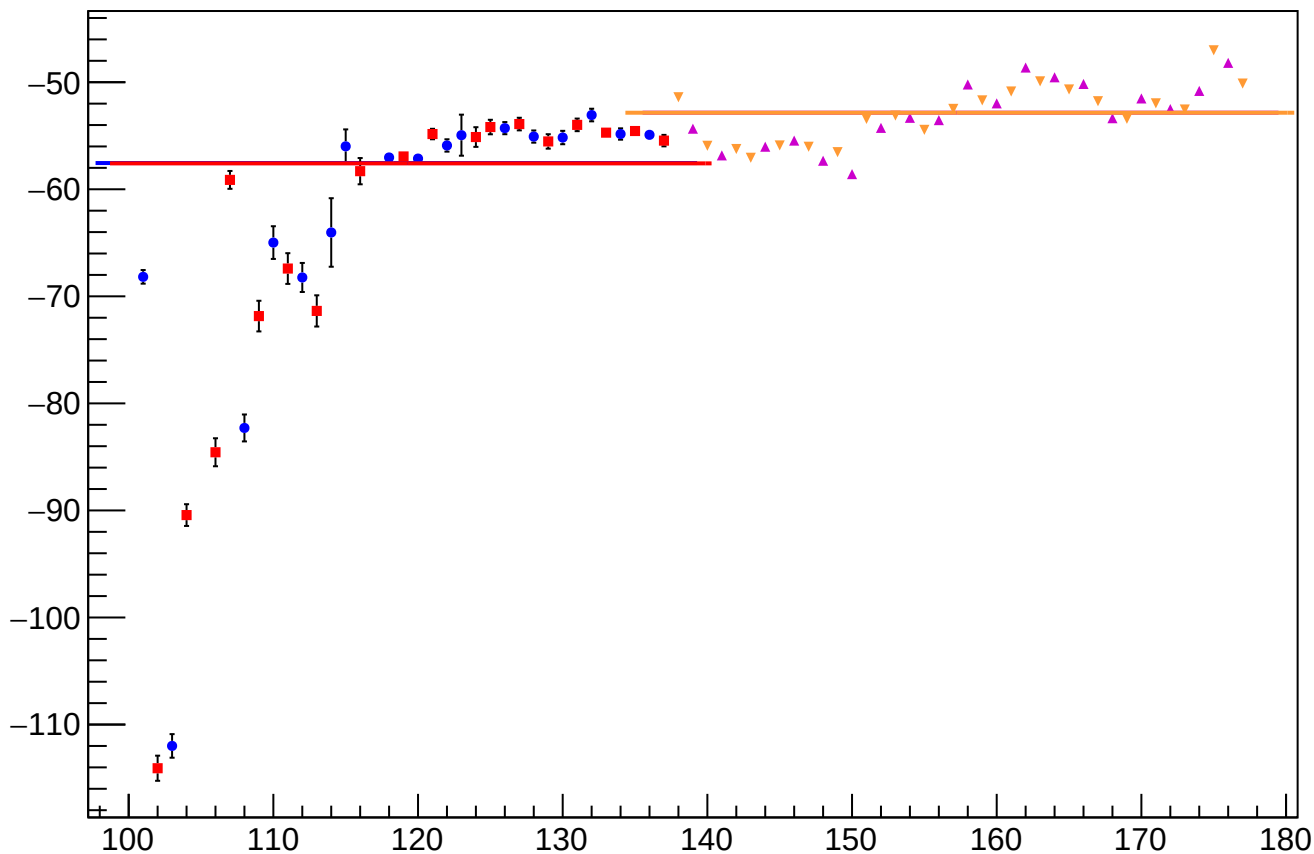
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.160 $\pm$ 0.079 χ^2 /NDF:1160.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.776 $\pm$ 0.080 χ^2 /NDF:1642.3/18

Left: -5.972 $\pm$ 0.056 χ^2 /NDF: 2814.3/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.776 $\pm$ 0.080 χ^2 /NDF:1642.3/18
 Out: -6.160 $\pm$ 0.079 χ^2 /NDF:1160.4/20
 All: -5.972 $\pm$ 0.056 χ^2 /NDF: 2814.3/39

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.850 ± 0.060 χ^2/NDF : 1936.0/20

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -52.848 ± 0.063 χ^2/NDF : 2349.2/18

Left: -52.849 ± 0.044 χ^2/NDF : 4285.2/39

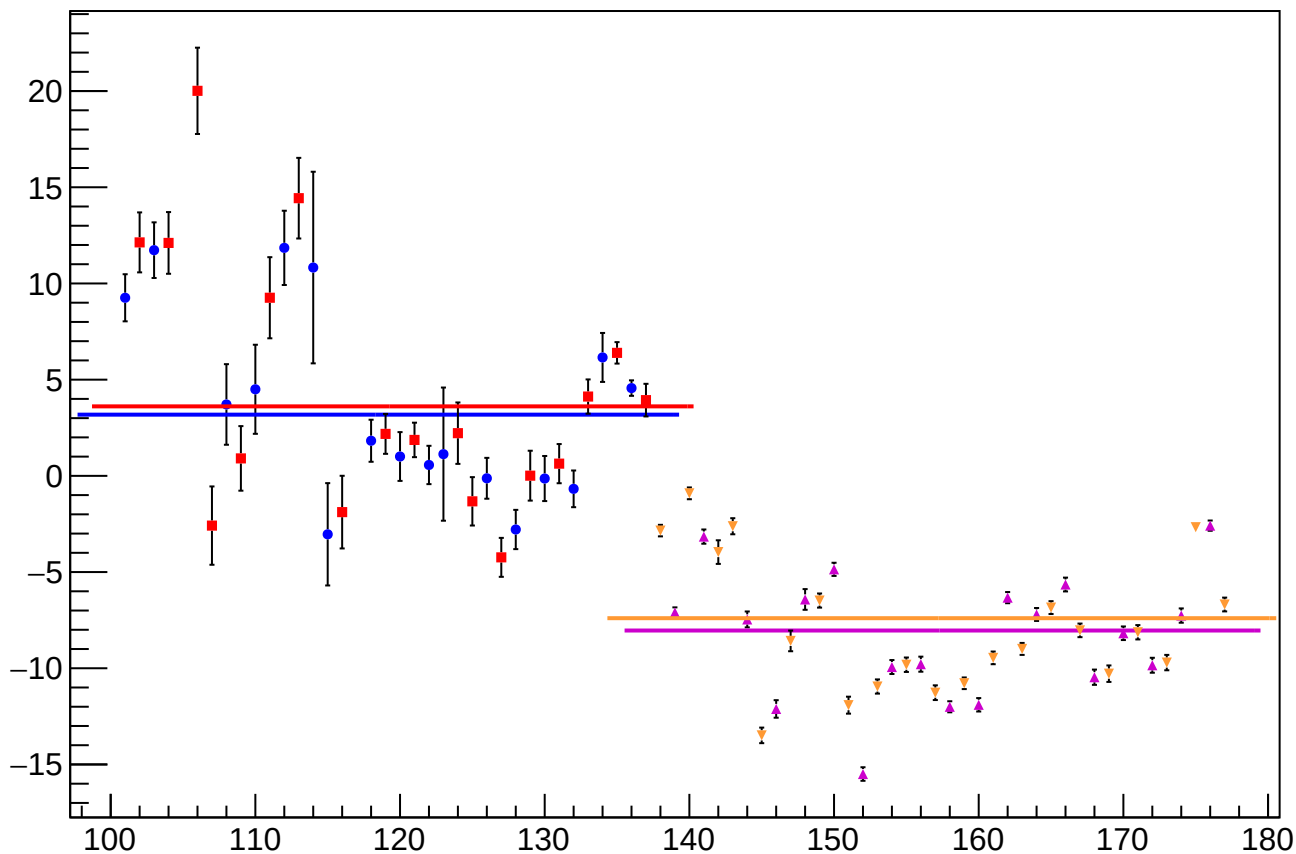
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -53.634 ± 0.058 χ^2/NDF : 6727.7/35

Out: -53.568 ± 0.056 χ^2/NDF : 7209.1/38

All: -53.600 ± 0.040 χ^2/NDF : 13937.5/74

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.398 ± 0.078 χ^2/NDF : 2052.5/20

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -8.038 ± 0.080 χ^2/NDF : 1740.9/18

Left: -7.712 ± 0.056 χ^2/NDF : 3826.3/39

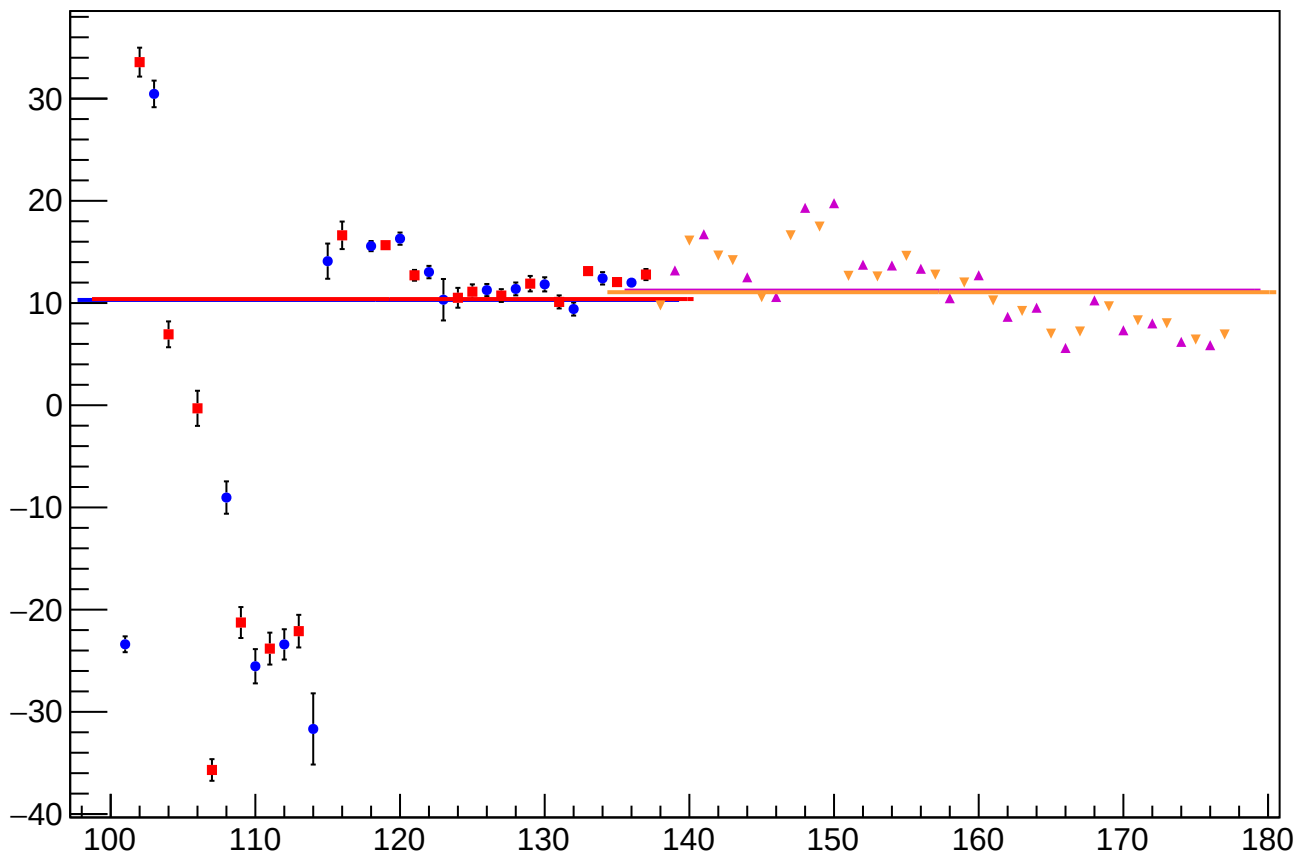
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -7.061 ± 0.076 χ^2/NDF : 3652.6/35

Out: -6.532 ± 0.075 χ^2/NDF : 3898.2/38

All: -6.793 ± 0.053 χ^2/NDF : 7575.2/74

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.059+/-0.068 χ^2/NDF : 2376.8/20

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 11.215+/-0.071 χ^2/NDF : 3203.2/18

Left: 11.134+/-0.049 χ^2/NDF : 5582.5/39

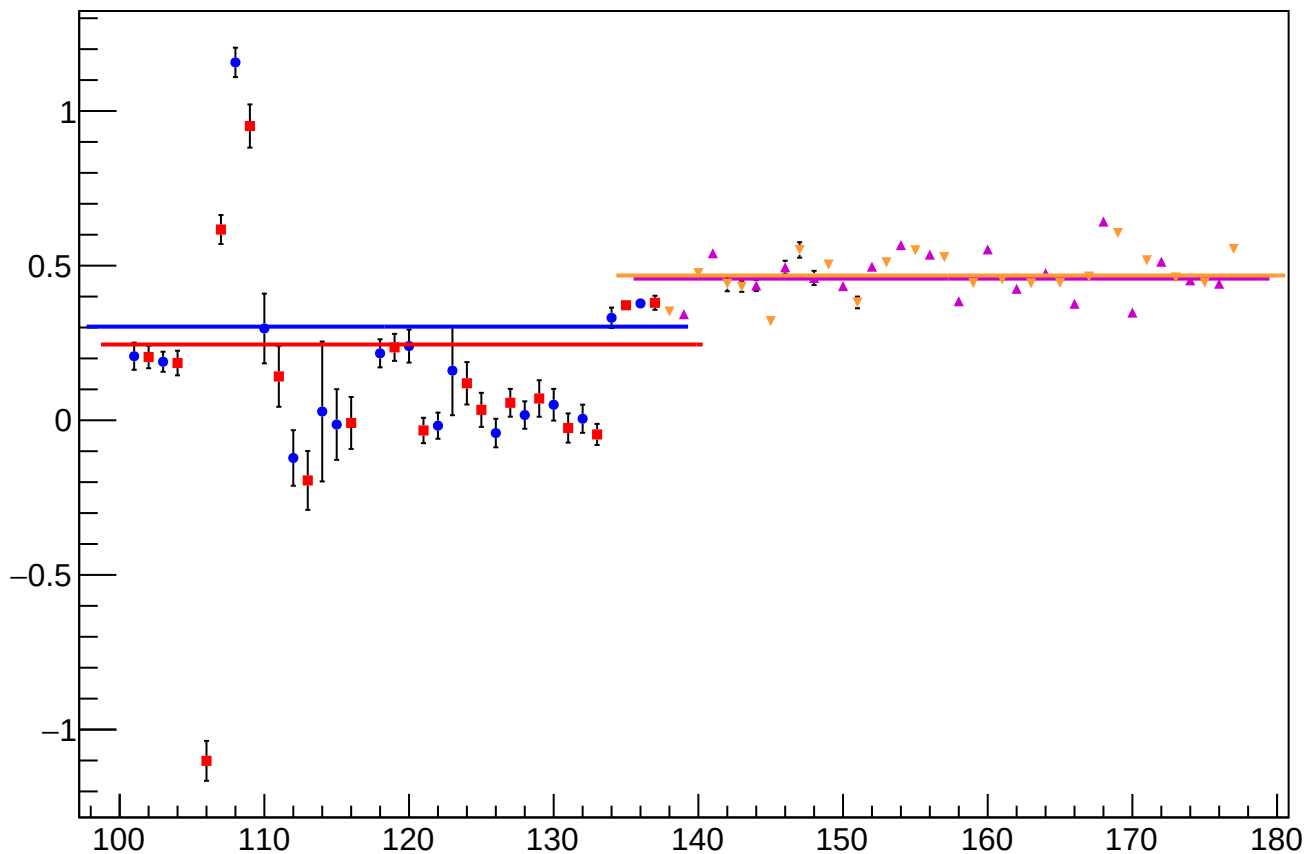
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.060+/-0.065 χ^2/NDF : 6930.7/35

Out: 10.957+/-0.063 χ^2/NDF : 6178.1/38

All: 11.007+/-0.045 χ^2/NDF : 13110.2/74

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.468 ± 0.003 χ^2/NDF : 446.8/20

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.458 ± 0.003 χ^2/NDF : 687.0/18

Left: 0.463 ± 0.002 χ^2/NDF : 1139.3/39

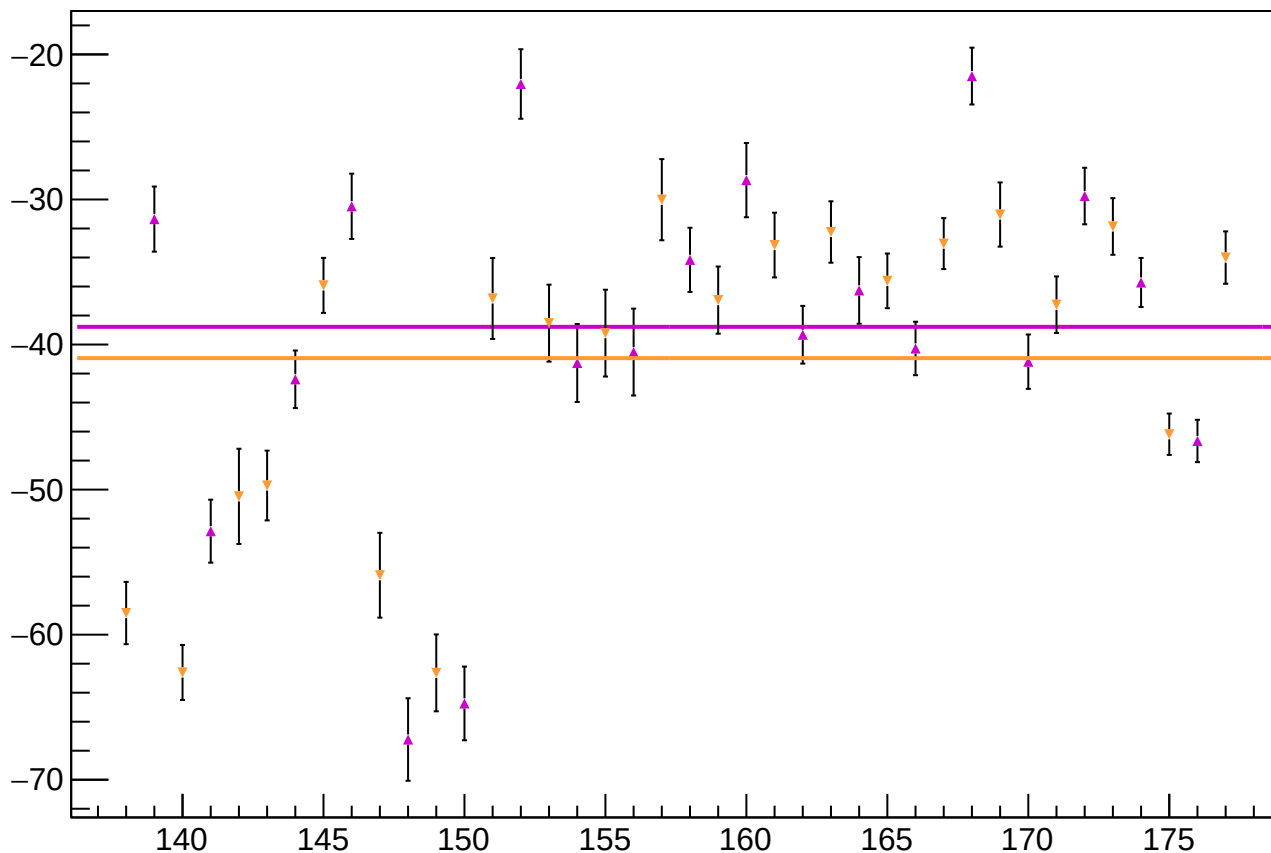
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.439 ± 0.003 χ^2/NDF : 1648.6/35

Out: 0.443 ± 0.003 χ^2/NDF : 2009.1/38

All: 0.441 ± 0.002 χ^2/NDF : 3658.5/74

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.937+/-0.469 χ^2/NDF :471.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.779+/-0.483 χ^2/NDF :479.6/18

Left: -39.891+/-0.336 χ^2/NDF : 961.9/39

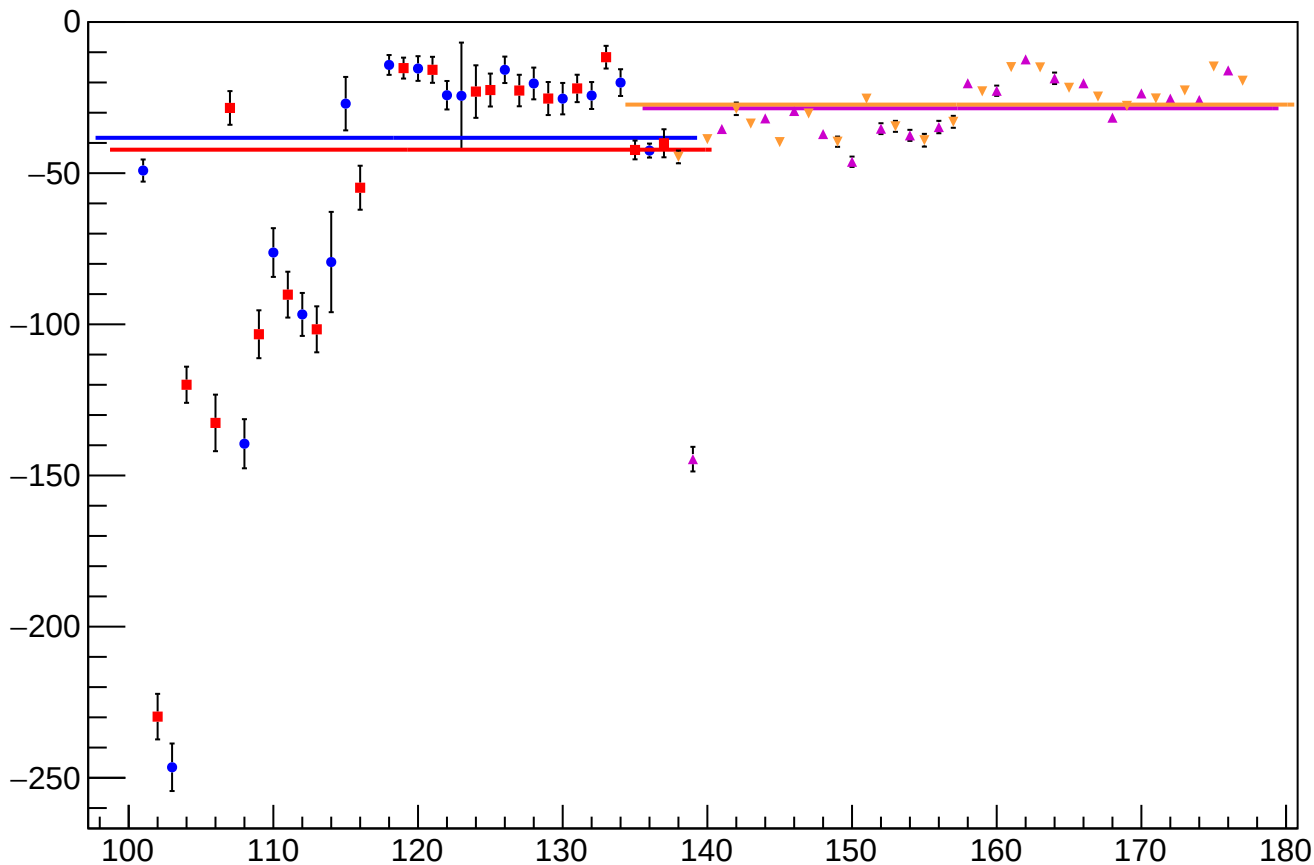
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.779+/-0.483 χ^2/NDF :479.6/18

Out: -40.937+/-0.469 χ^2/NDF :471.9/20

All: -39.891+/-0.336 χ^2/NDF : 961.9/39

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -27.313 ± 0.354 $\chi^2/\text{NDF}: 584.6/20$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -28.539 ± 0.369 $\chi^2/\text{NDF}: 1336.5/18$

Left: -27.900 ± 0.255 $\chi^2/\text{NDF}: 1926.8/39$

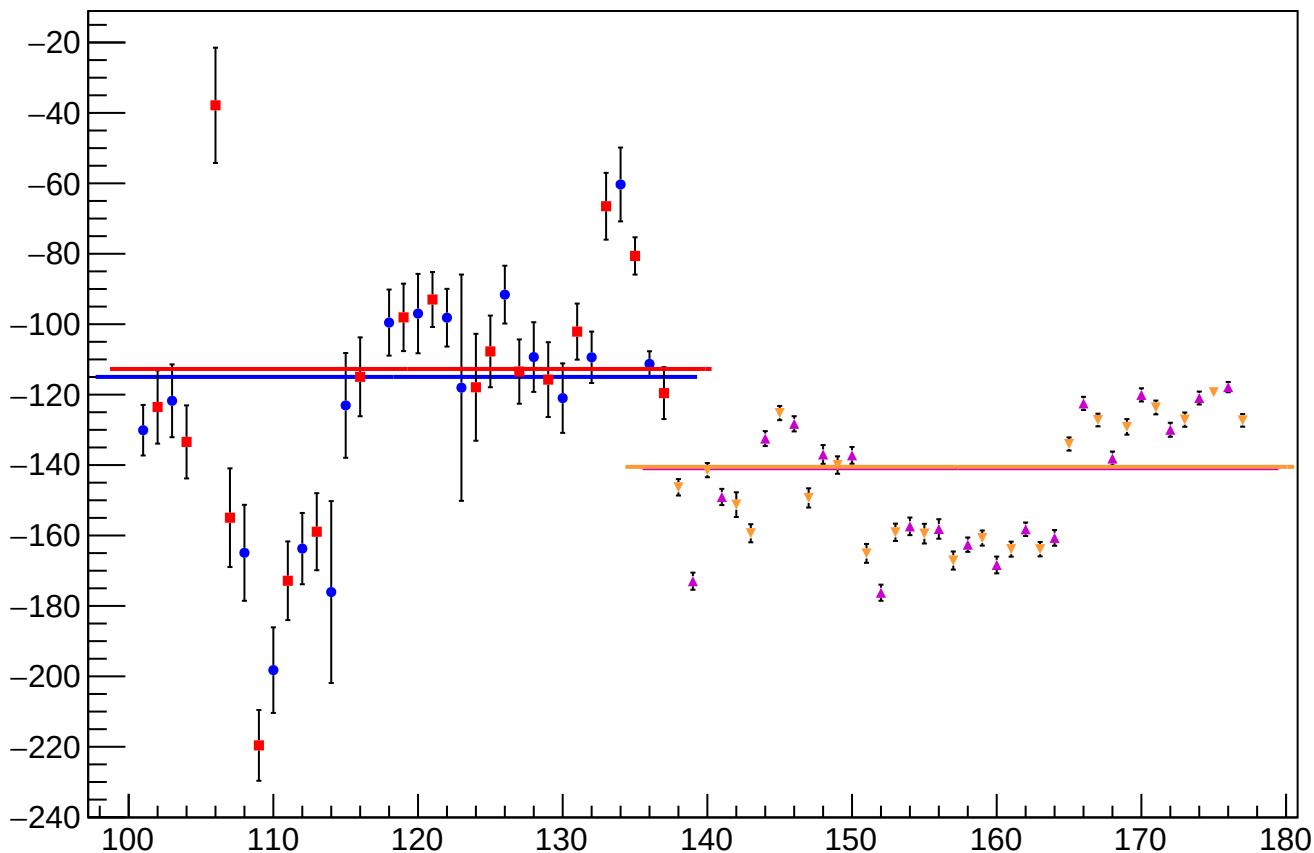
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -29.468 ± 0.351 $\chi^2/\text{NDF}: 2535.9/35$

Out: -28.488 ± 0.339 $\chi^2/\text{NDF}: 2002.8/38$

All: -28.962 ± 0.244 $\chi^2/\text{NDF}: 4542.8/74$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -140.510 ± 0.468 $\chi^2/\text{NDF}: 1258.1/20$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -140.895 ± 0.481 $\chi^2/\text{NDF}: 1591.2/18$

Left: -140.697 ± 0.335 $\chi^2/\text{NDF}: 2849.7/39$

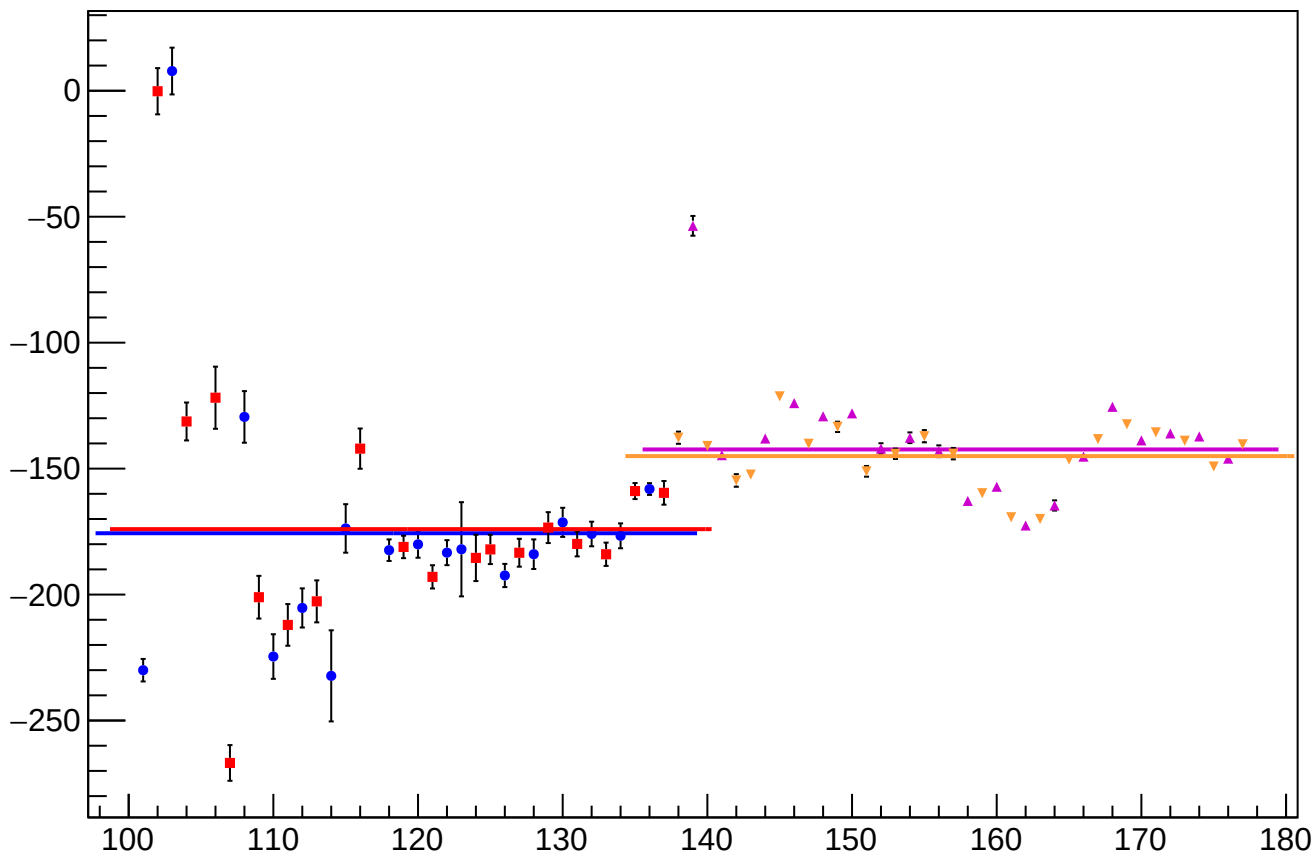
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -139.575 ± 0.468 $\chi^2/\text{NDF}: 1880.9/35$

Out: -139.318 ± 0.458 $\chi^2/\text{NDF}: 1676.6/38$

All: -139.444 ± 0.327 $\chi^2/\text{NDF}: 3557.6/74$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.035 ± 0.400 χ^2/NDF : 920.2/20

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.386 ± 0.417 χ^2/NDF : 1531.6/18

Left: -143.765 ± 0.289 χ^2/NDF : 2472.8/39

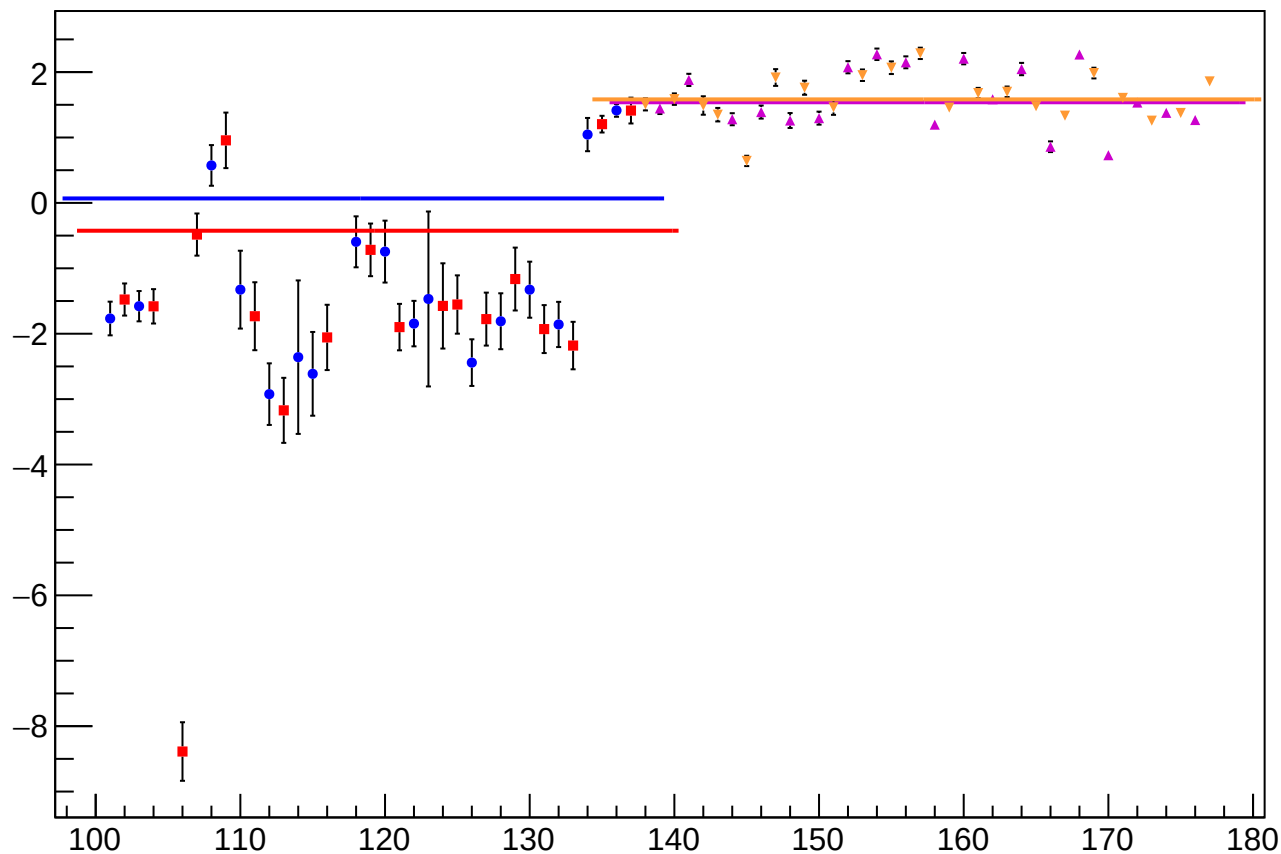
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.630 ± 0.396 χ^2/NDF : 2843.7/35

Out: -147.363 ± 0.384 χ^2/NDF : 2044.6/38

All: -146.524 ± 0.276 χ^2/NDF : 4898.1/74

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.583 ± 0.018 χ^2/NDF : 355.1/20

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.539 ± 0.019 χ^2/NDF : 622.5/18

Left: 1.561 ± 0.013 χ^2/NDF : 980.4/39

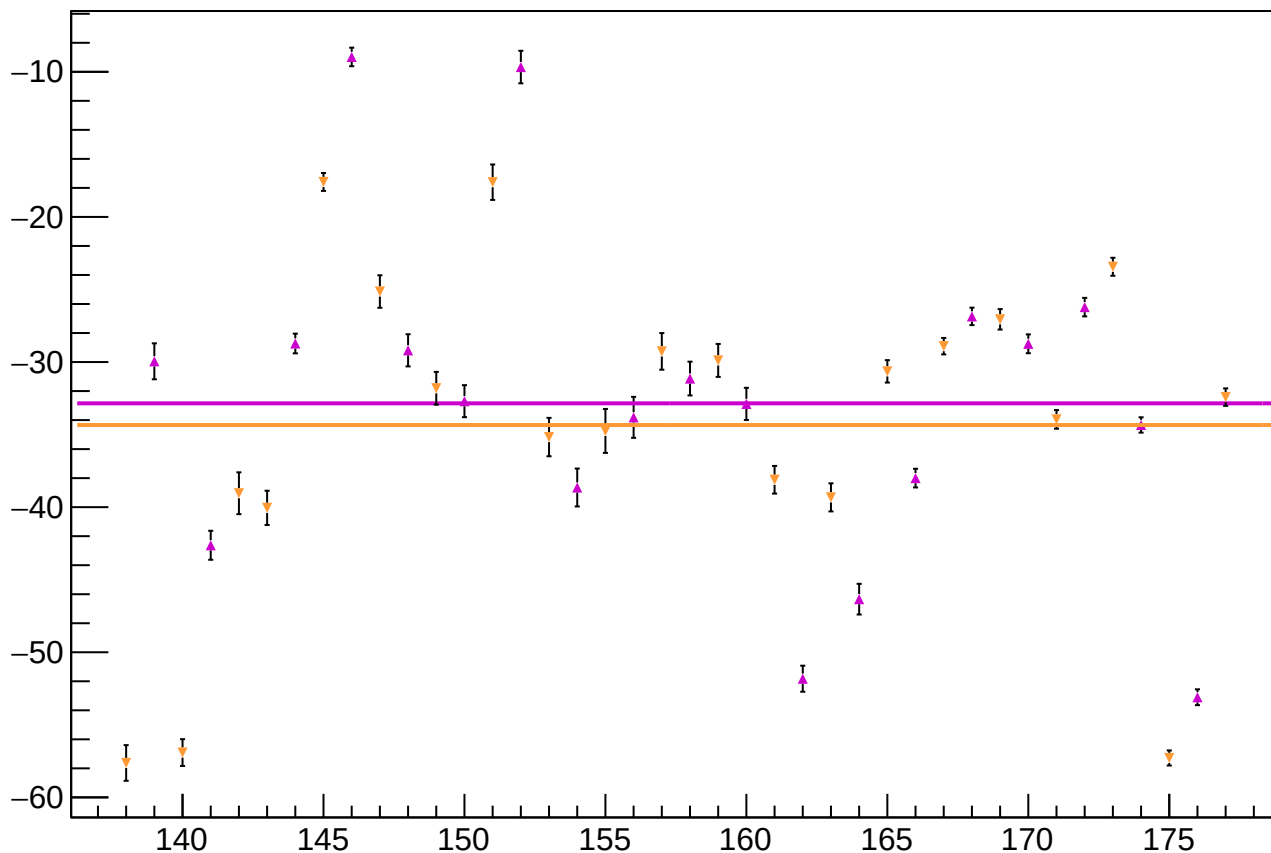
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.432 ± 0.018 χ^2/NDF : 1595.0/35

Out: 1.457 ± 0.018 χ^2/NDF : 1842.4/38

All: 1.444 ± 0.013 χ^2/NDF : 3438.3/74

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -34.341 $\pm$ 0.180 χ^2/NDF :4557.2/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -32.846 $\pm$ 0.181 χ^2/NDF :4298.3/18

Left: -33.597 $\pm$ 0.128 χ^2/NDF : 8889.7/39

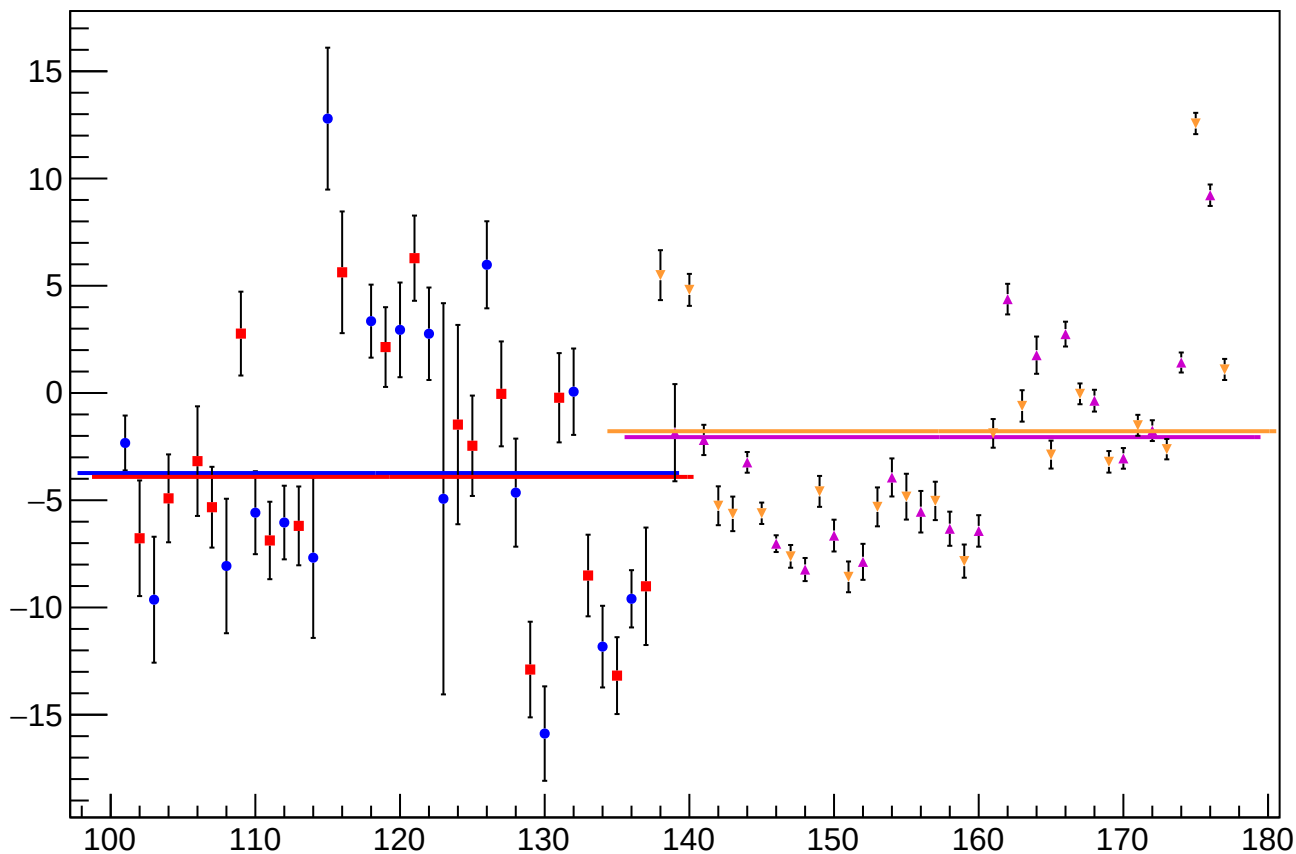
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.846 $\pm$ 0.181 χ^2/NDF :4298.3/18

Out: -34.341 $\pm$ 0.180 χ^2/NDF :4557.2/20

All: -33.597 $\pm$ 0.128 χ^2/NDF : 8889.7/39

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -1.782 ± 0.137 χ^2/NDF : 1436.4/20

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -2.058 ± 0.138 χ^2/NDF : 1215.5/18

Left: -1.919 ± 0.097 χ^2/NDF : 2654.0/39

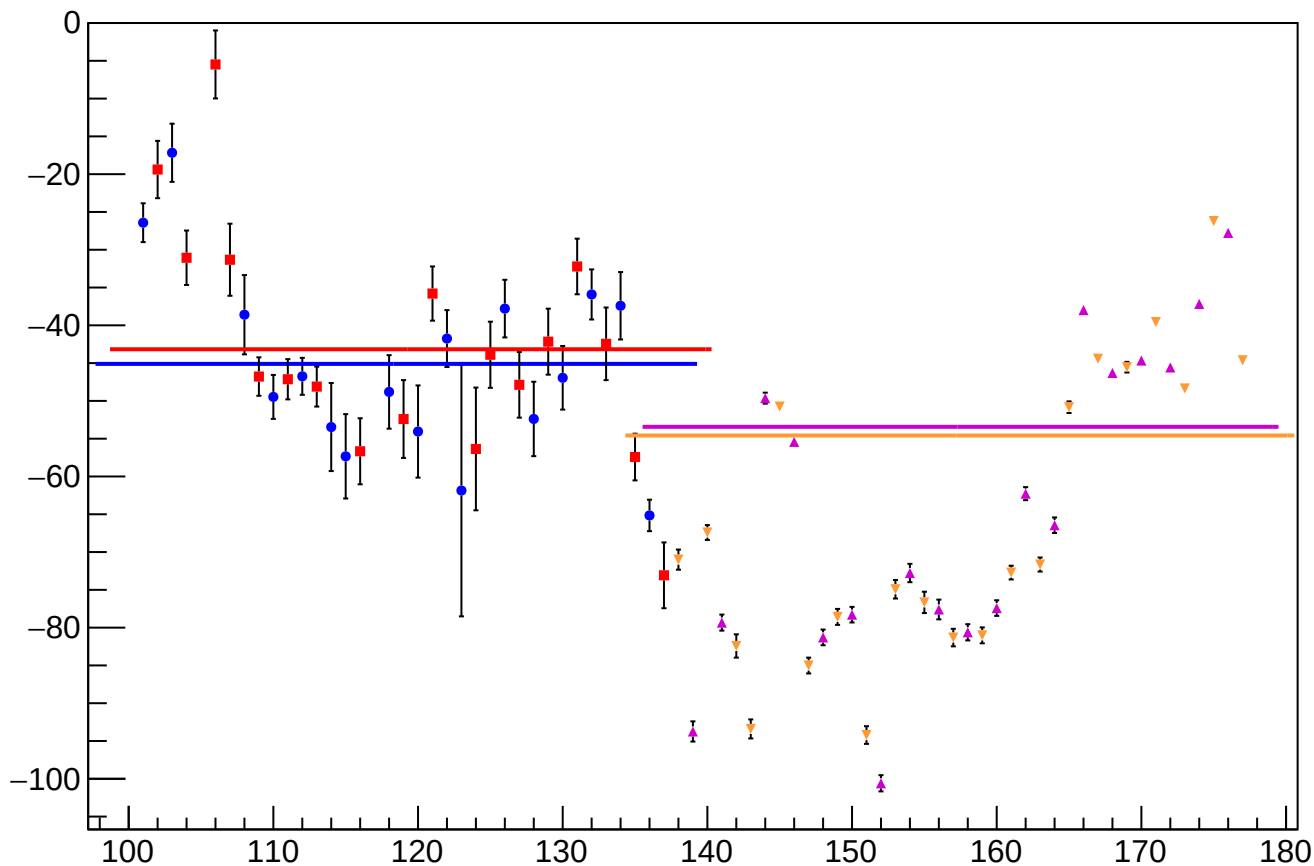
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -2.178 ± 0.133 χ^2/NDF : 1392.0/35

Out: -1.927 ± 0.132 χ^2/NDF : 1577.6/38

All: -2.052 ± 0.094 χ^2/NDF : 2971.4/74

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -54.576 ± 0.181 χ^2/NDF : 10925.4/20

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -53.430 ± 0.182 χ^2/NDF : 10884.6/18

Left: -54.006 ± 0.128 χ^2/NDF : 21830.0/39

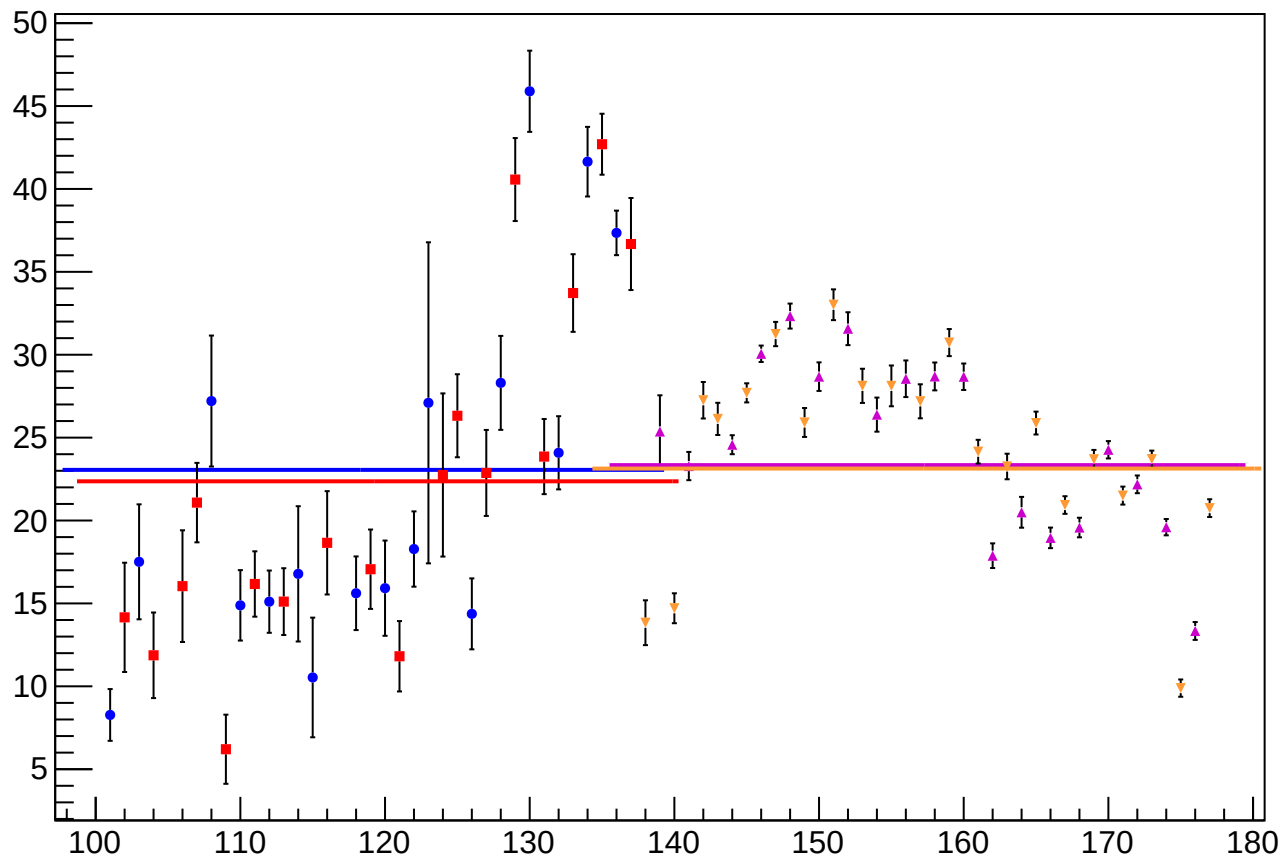
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -53.091 ± 0.178 χ^2/NDF : 11200.6/35

Out: -54.113 ± 0.177 χ^2/NDF : 11319.9/38

All: -53.605 ± 0.126 χ^2/NDF : 22537.0/74

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 23.134 $\pm$ 0.155 χ^2 /NDF:1320.0/20

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 23.341 $\pm$ 0.157 χ^2 /NDF:1120.0/18

Left: 23.236 $\pm$ 0.110 χ^2 /NDF: 2440.9/39

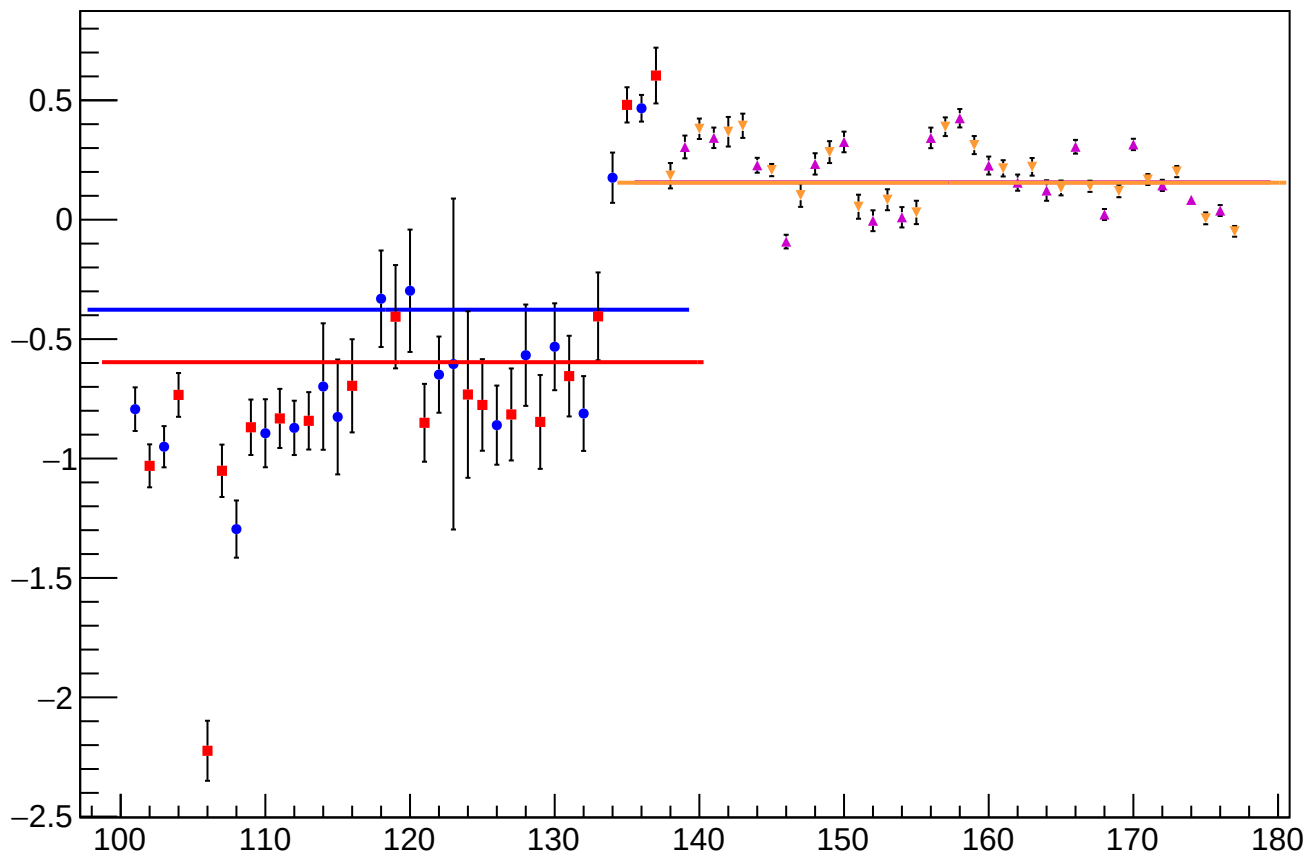
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 23.320 $\pm$ 0.151 χ^2 /NDF:1581.4/35

Out: 23.082 $\pm$ 0.149 χ^2 /NDF:1690.4/38

All: 23.200 $\pm$ 0.106 χ^2 /NDF: 3273.0/74

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.155 ± 0.007 $\chi^2/\text{NDF}: 272.9/20$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.157 ± 0.007 $\chi^2/\text{NDF}: 368.3/18$

Left: 0.156 ± 0.005 $\chi^2/\text{NDF}: 641.2/39$

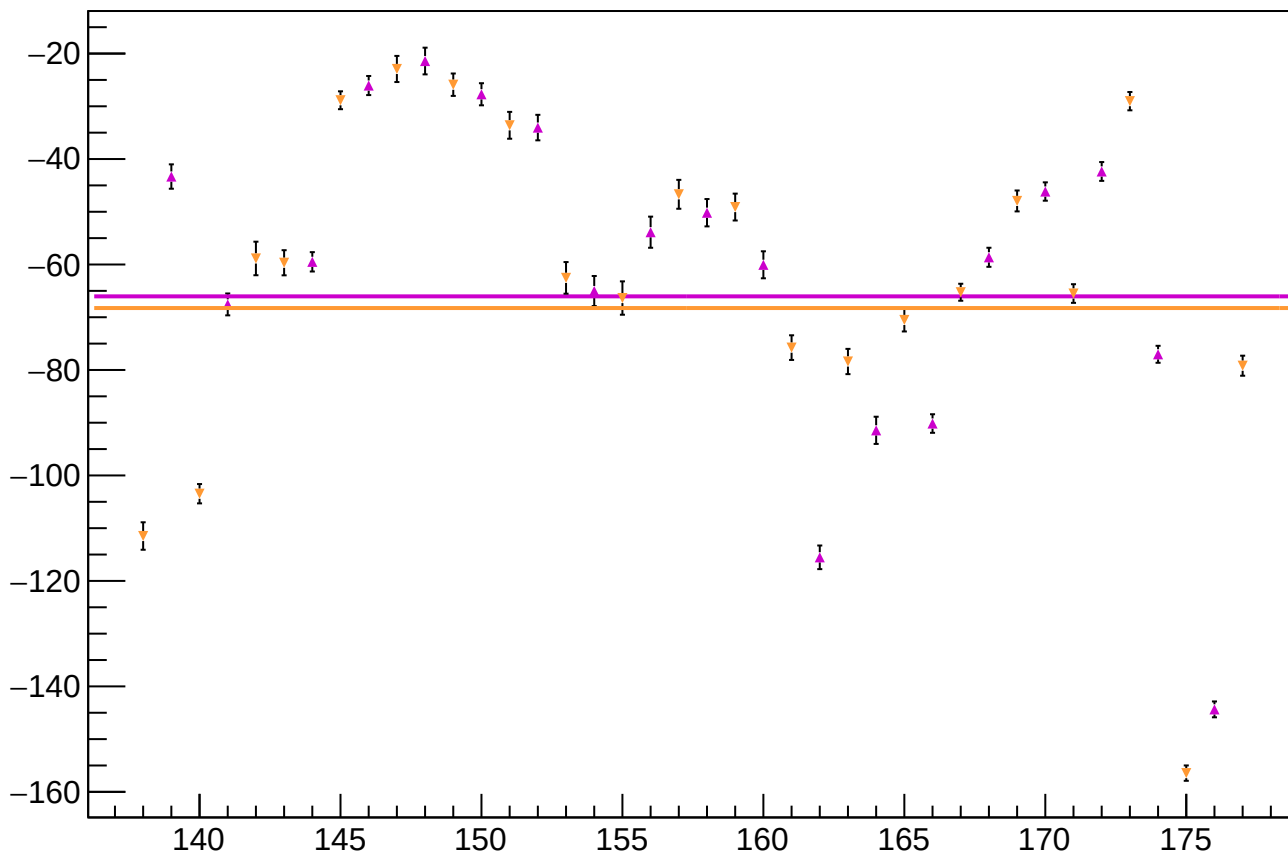
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.128 ± 0.007 $\chi^2/\text{NDF}: 1103.1/35$

Out: 0.116 ± 0.007 $\chi^2/\text{NDF}: 1409.4/38$

All: 0.122 ± 0.005 $\chi^2/\text{NDF}: 2514.1/74$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -68.256+/-0.461 χ^2/NDF : 6602.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -66.041+/-0.468 χ^2/NDF : 5327.8/18

Left: -67.166+/-0.328 χ^2/NDF : 11941.7/39

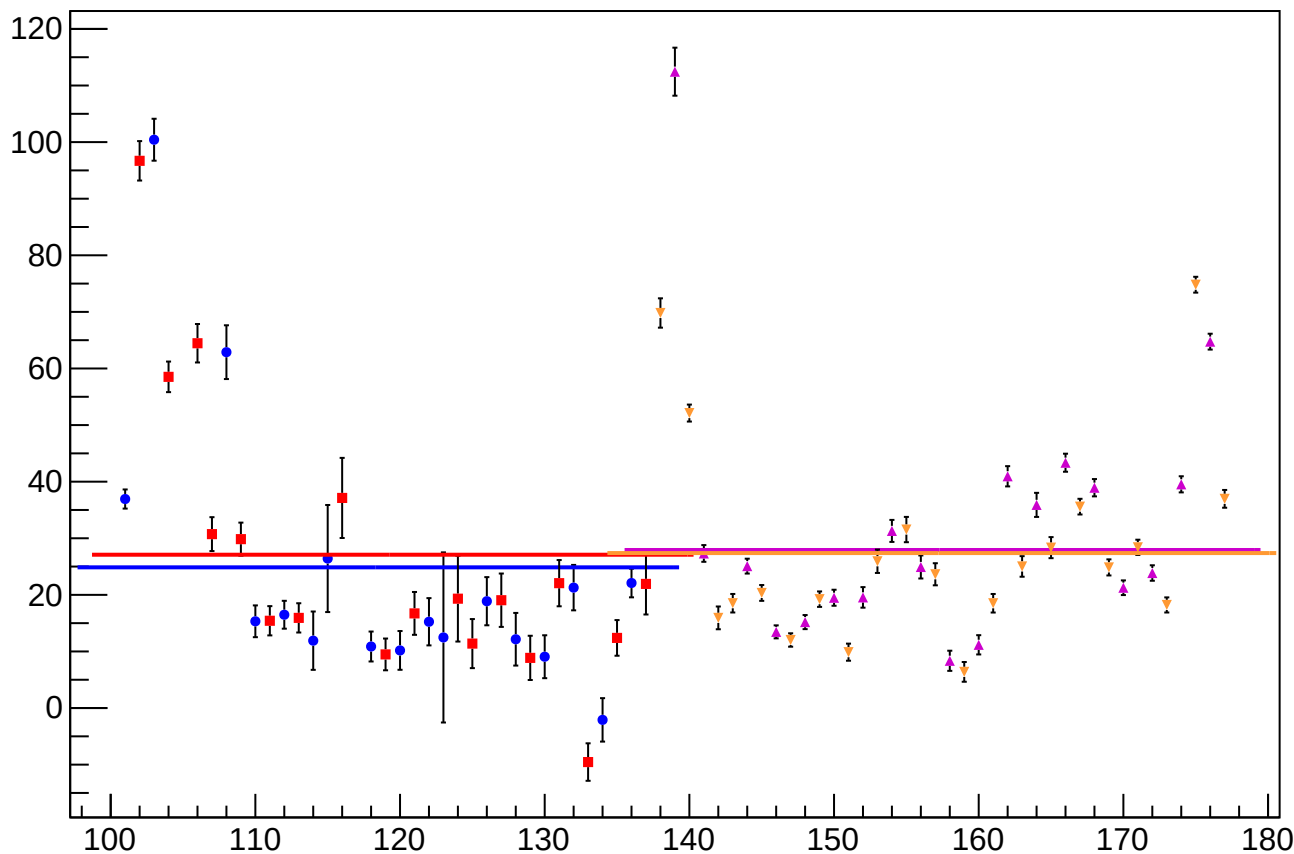
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -66.041+/-0.468 χ^2/NDF : 5327.8/18

Out: -68.256+/-0.461 χ^2/NDF : 6602.6/20

All: -67.166+/-0.328 χ^2/NDF : 11941.7/39

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 27.384 ± 0.344 χ^2/NDF : 2421.2/20

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 27.927 ± 0.355 χ^2/NDF : 1948.9/18

Left: 27.647 ± 0.247 χ^2/NDF : 4371.3/39

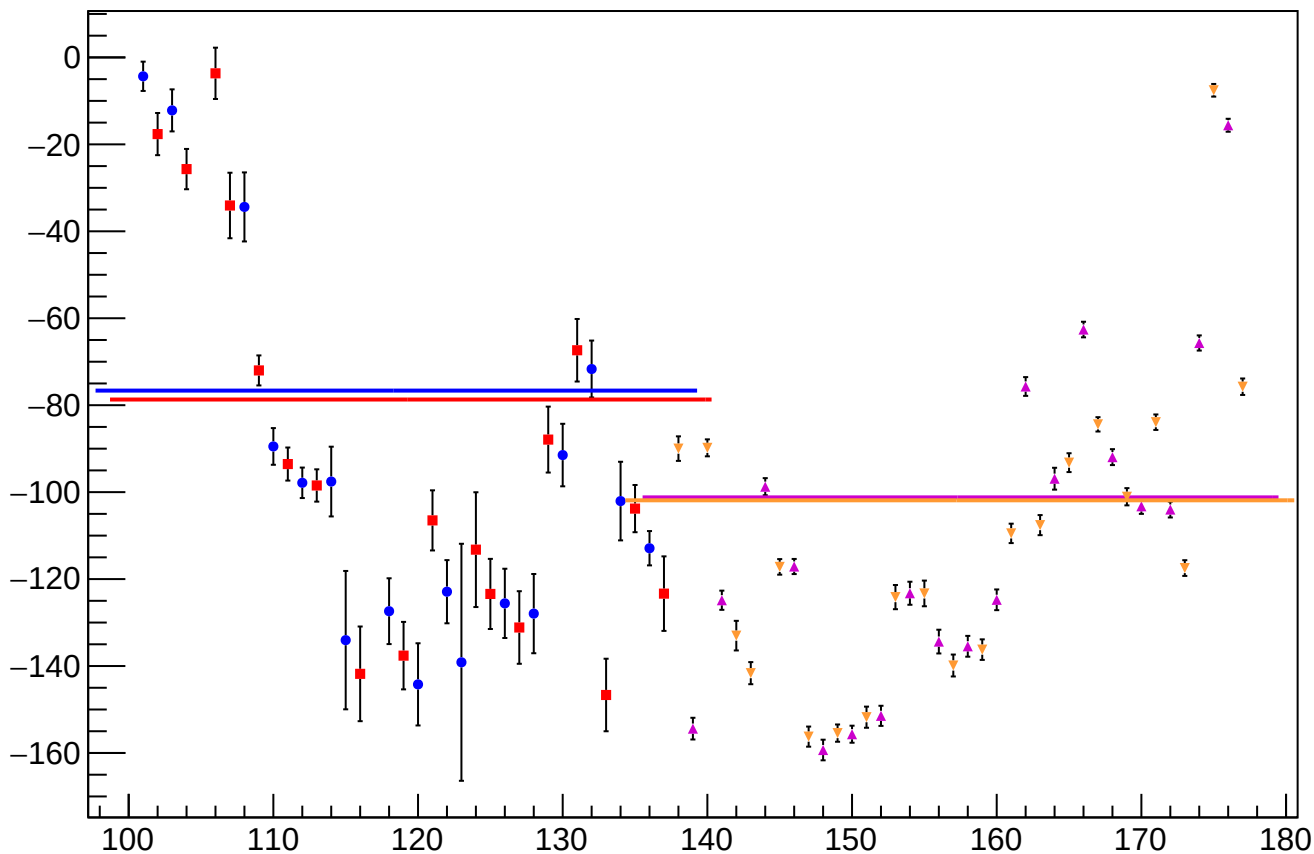
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 27.426 ± 0.324 χ^2/NDF : 2652.2/35

Out: 27.340 ± 0.317 χ^2/NDF : 3352.2/38

All: 27.382 ± 0.227 χ^2/NDF : 6004.4/74

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: -101.879 ± 0.460 $\chi^2/\text{NDF}: 7422.0/20$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -101.206 ± 0.466 $\chi^2/\text{NDF}: 7366.7/18$

Left: -101.547 ± 0.328 $\chi^2/\text{NDF}: 14789.7/39$

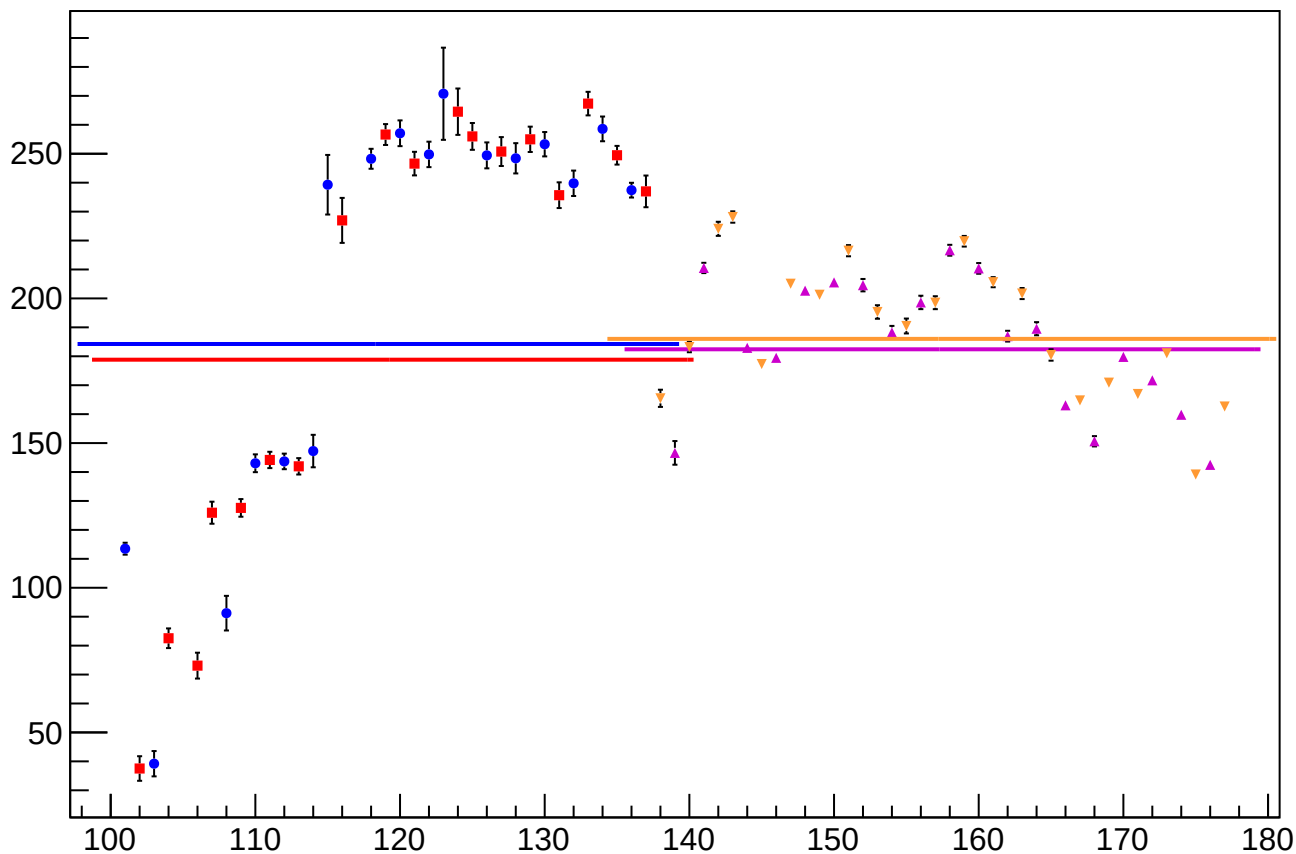
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -98.798 ± 0.443 $\chi^2/\text{NDF}: 8679.3/35$

Out: -99.498 ± 0.436 $\chi^2/\text{NDF}: 8519.2/38$

All: -99.154 ± 0.311 $\chi^2/\text{NDF}: 17199.8/74$

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: 186.015 $\pm$ 0.392 χ^2 /NDF:3507.1/20

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 182.413 $\pm$ 0.404 χ^2 /NDF:2840.9/18

Left: 184.267 $\pm$ 0.281 χ^2 /NDF: 6389.0/39

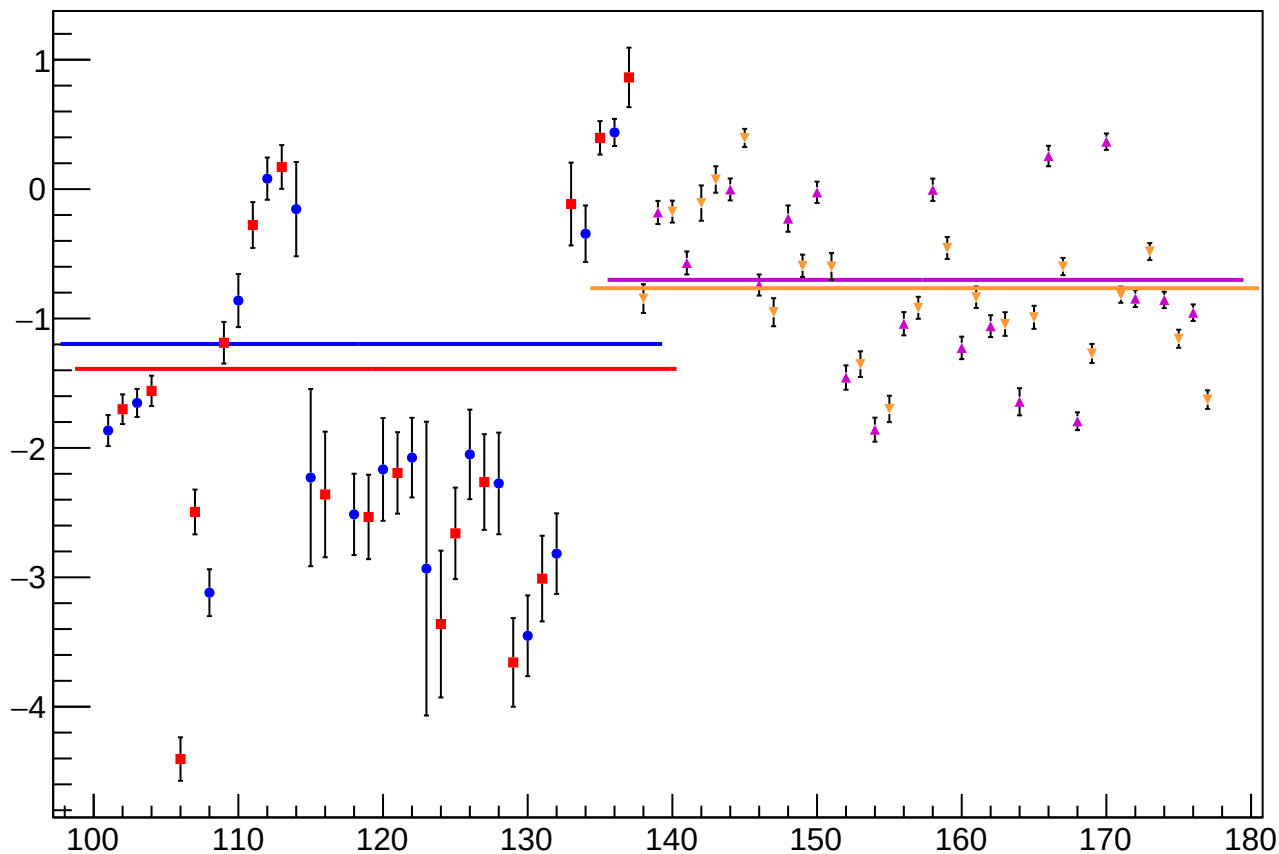
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 182.712 $\pm$ 0.369 χ^2 /NDF:8232.9/35

Out: 184.921 $\pm$ 0.361 χ^2 /NDF:9729.2/38

All: 183.842 $\pm$ 0.258 χ^2 /NDF: 17980.4/74

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.766 ± 0.018 χ^2/NDF : 822.2/20

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.701 ± 0.018 χ^2/NDF : 1335.4/18

Left: -0.734 ± 0.013 χ^2/NDF : 2163.9/39

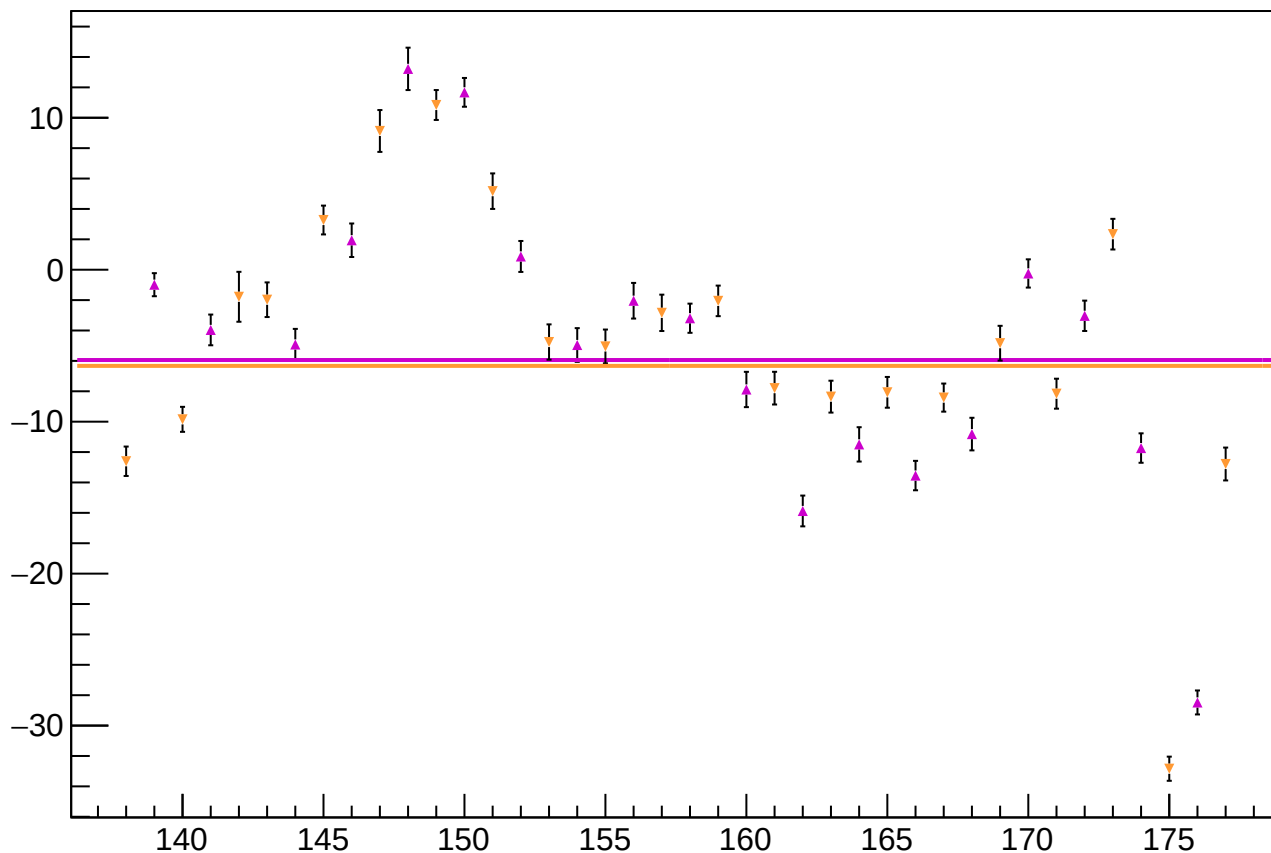
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.764 ± 0.017 χ^2/NDF : 2049.5/35

Out: -0.849 ± 0.017 χ^2/NDF : 1903.1/38

All: -0.807 ± 0.012 χ^2/NDF : 3965.1/74

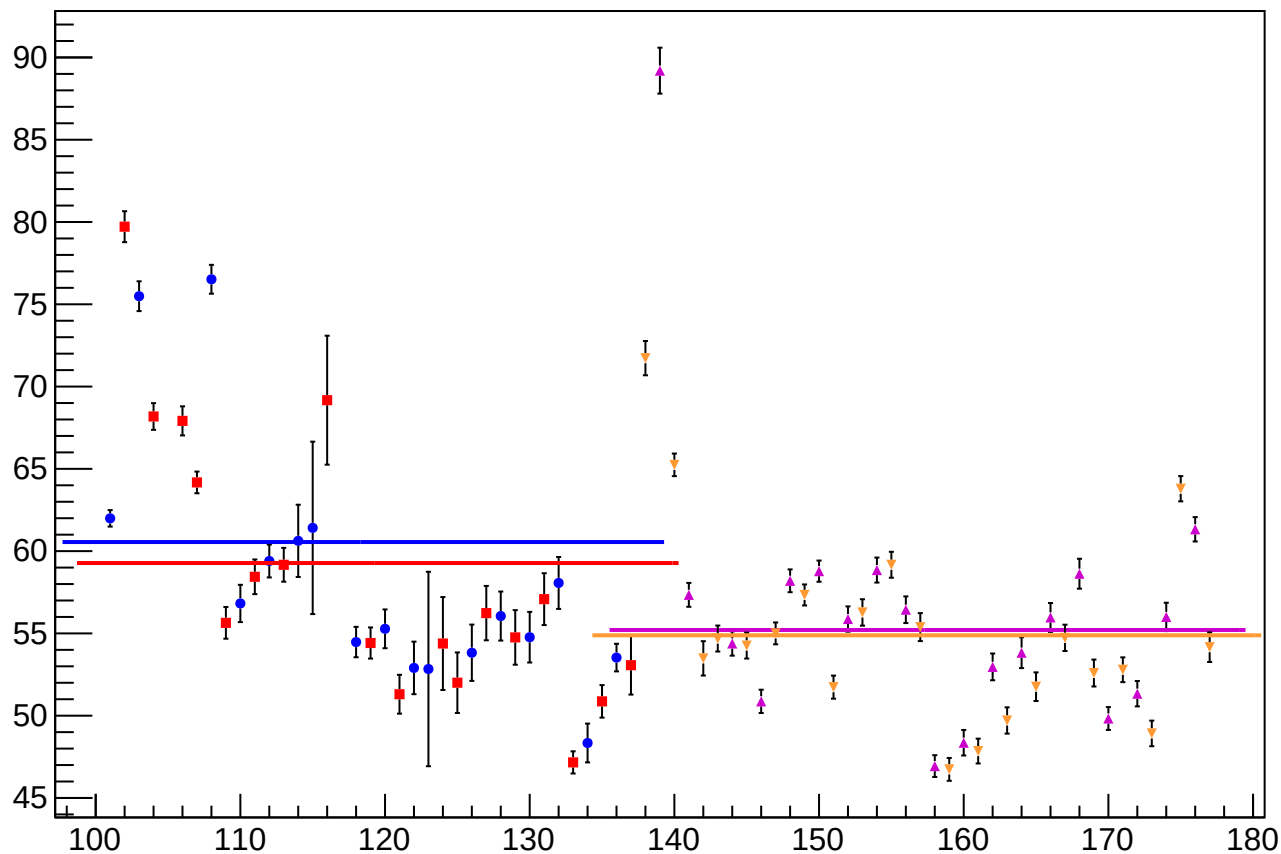
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.943+/-0.230 χ^2/NDF :1801.0/18

Left: -6.138+/-0.161 χ^2/NDF : 3784.9/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.943+/-0.230 χ^2/NDF :1801.0/18
 Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 All: -6.138+/-0.161 χ^2/NDF : 3784.9/39

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 χ^2/NDF : 931.0/16

Left Out: 54.885 ± 0.170 χ^2/NDF : 1049.7/20

Right Out: 59.276 ± 0.249 χ^2/NDF : 1274.8/17

Left In: 55.208 ± 0.178 χ^2/NDF : 1128.7/18

Left: 55.040 ± 0.123 χ^2/NDF : 2180.1/39

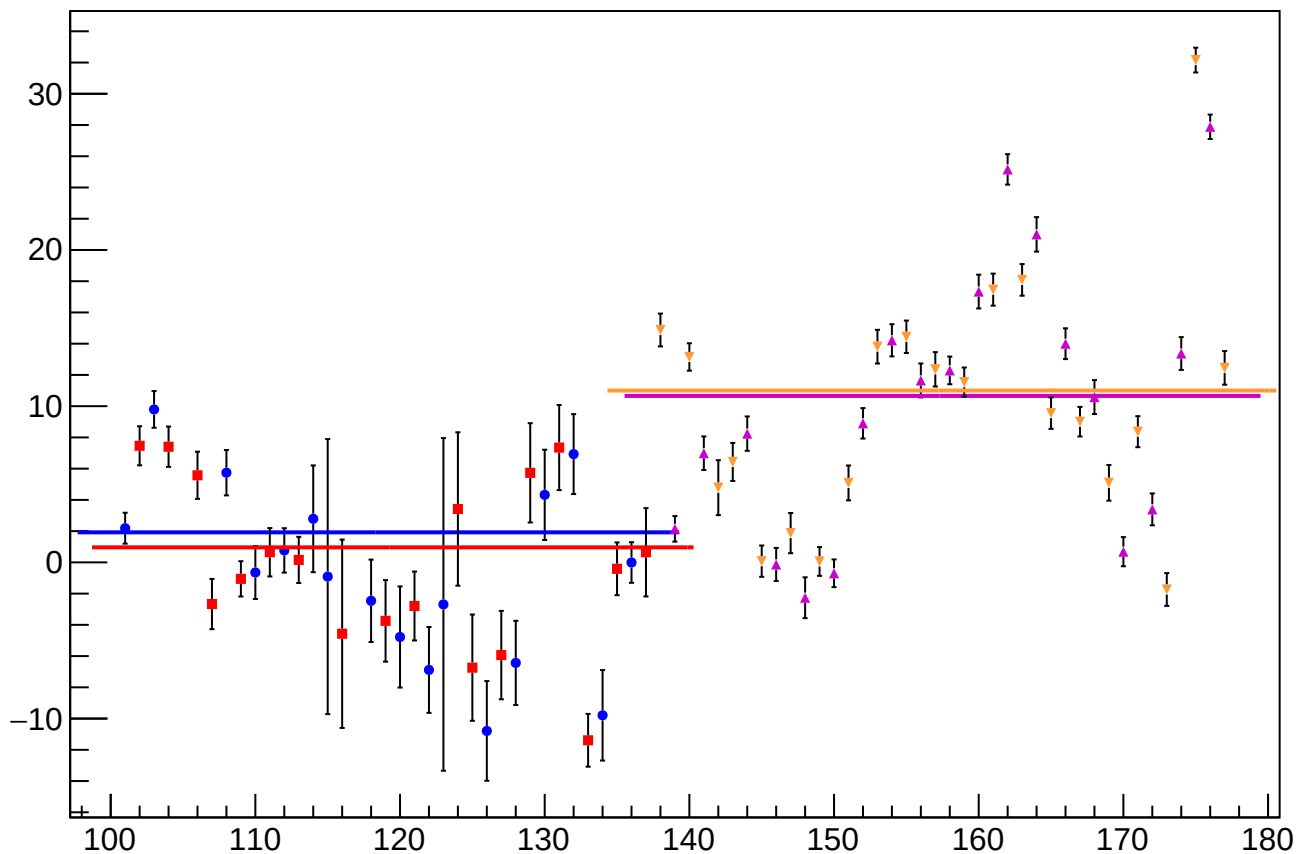
Right: 59.882 ± 0.180 χ^2/NDF : 2218.3/34

In: 56.892 ± 0.147 χ^2/NDF : 2345.0/35

Out: 56.282 ± 0.140 χ^2/NDF : 2536.8/38

All: 56.573 ± 0.102 χ^2/NDF : 4890.8/74

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 11.002 ± 0.225 χ^2/NDF : 1393.5/20

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 10.656 ± 0.228 χ^2/NDF : 1527.3/18

Left: 10.831 ± 0.160 χ^2/NDF : 2921.9/39

Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 8.929 ± 0.204 χ^2/NDF : 1939.7/35

Out: 8.839 ± 0.199 χ^2/NDF : 1971.9/38

All: 8.883 ± 0.143 χ^2/NDF : 3911.7/74

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: 87.786 $\pm$ 0.193 χ^2 /NDF:876.8/20

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.563 $\pm$ 0.200 χ^2 /NDF:937.0/18

Left: 87.196 $\pm$ 0.139 χ^2 /NDF: 1833.1/39

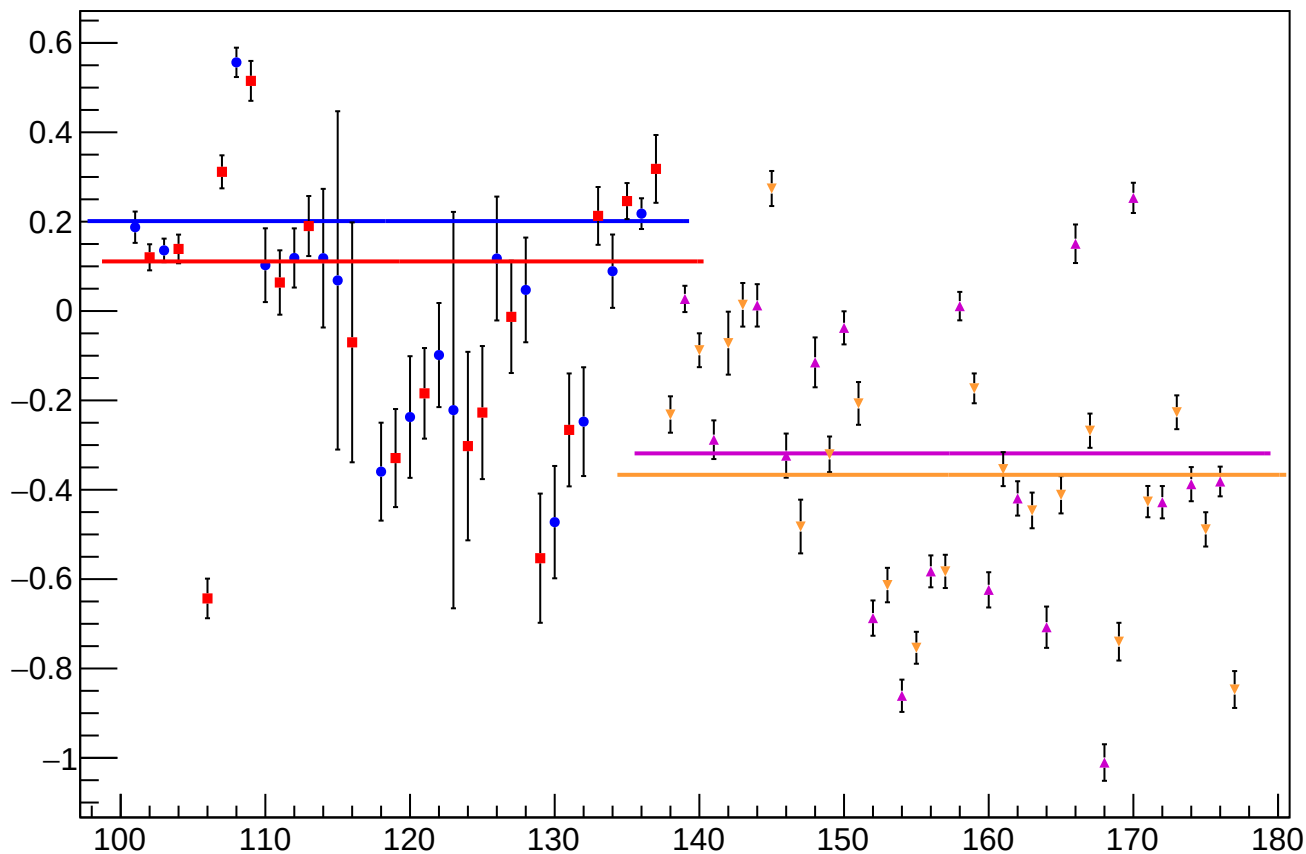
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 74.069 $\pm$ 0.167 χ^2 /NDF:38799.6/35

Out: 75.204 $\pm$ 0.161 χ^2 /NDF:42647.7/38

All: 74.658 $\pm$ 0.116 χ^2 /NDF: 81471.3/74

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.367 ± 0.009 χ^2/NDF : 904.1/20

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.319 ± 0.009 χ^2/NDF : 1576.4/18

Left: -0.343 ± 0.006 χ^2/NDF : 2495.3/39

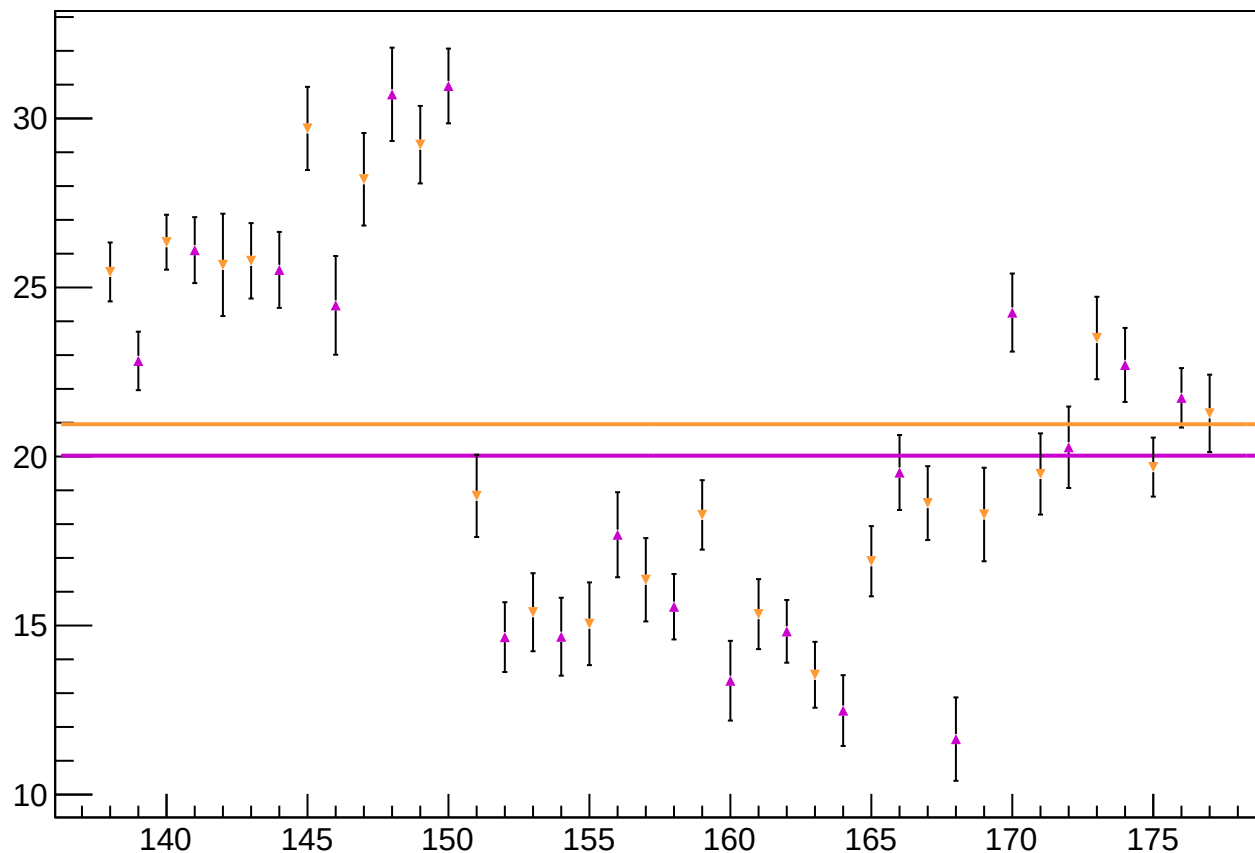
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.172 ± 0.007 χ^2/NDF : 2778.0/35

Out: -0.219 ± 0.007 χ^2/NDF : 2302.3/38

All: -0.196 ± 0.005 χ^2/NDF : 5100.6/74

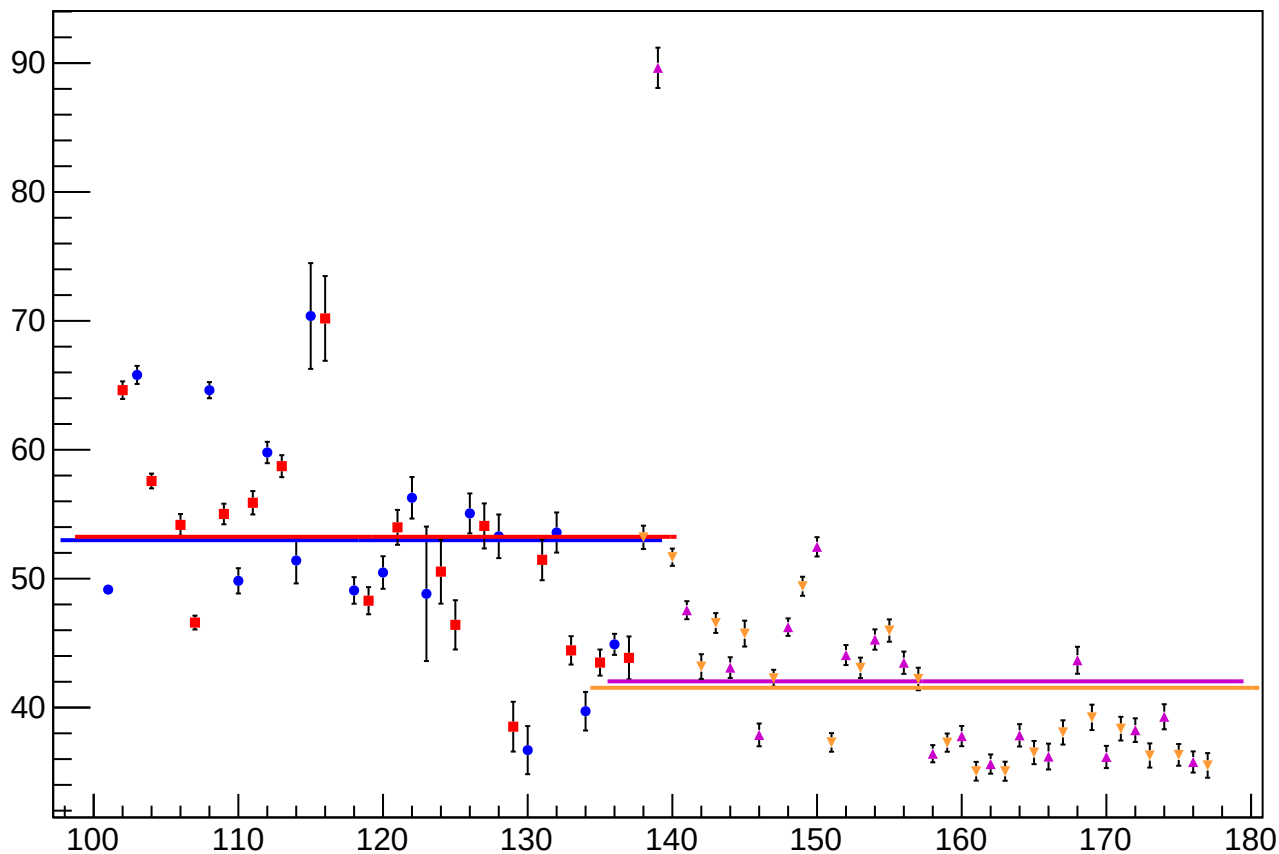
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.025 $\pm$ 0.248 χ^2 /NDF:498.4/18

Left: 20.507 $\pm$ 0.172 χ^2 /NDF: 924.6/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.025 $\pm$ 0.248 χ^2 /NDF:498.4/18
 Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20
 All: 20.507 $\pm$ 0.172 χ^2 /NDF: 924.6/39

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.532 $\pm$ 0.178 χ^2 /NDF:1002.1/20

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.033 $\pm$ 0.190 χ^2 /NDF:1636.3/18

Left: 41.767 $\pm$ 0.130 χ^2 /NDF: 2642.1/39

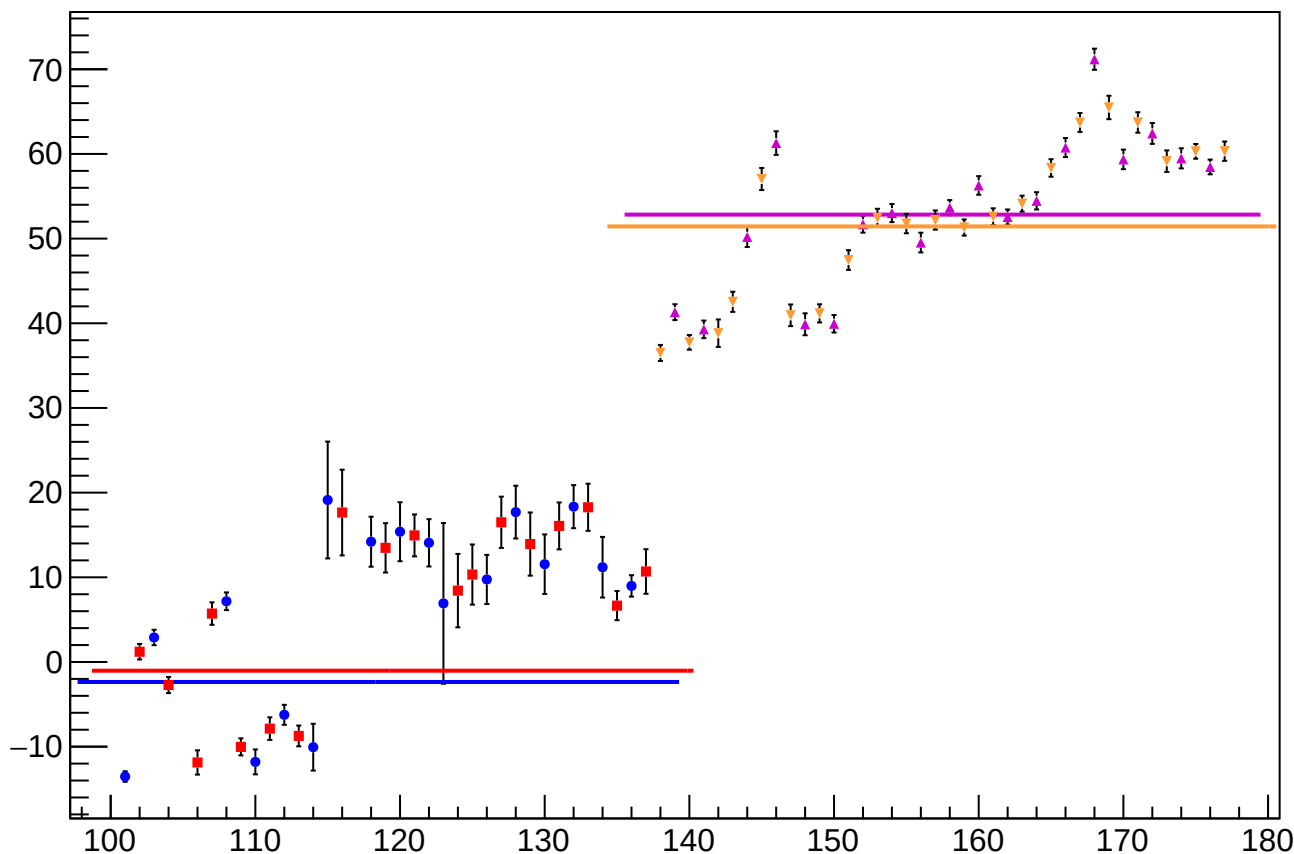
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.943 $\pm$ 0.141 χ^2 /NDF:4330.3/35

Out: 45.993 $\pm$ 0.140 χ^2 /NDF:3502.6/38

All: 46.466 $\pm$ 0.099 χ^2 /NDF: 7855.7/74

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.441 ± 0.238 χ^2/NDF : 1390.4/20

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 52.833 ± 0.245 χ^2/NDF : 1072.7/18

Left: 52.115 ± 0.171 χ^2/NDF : 2479.7/39

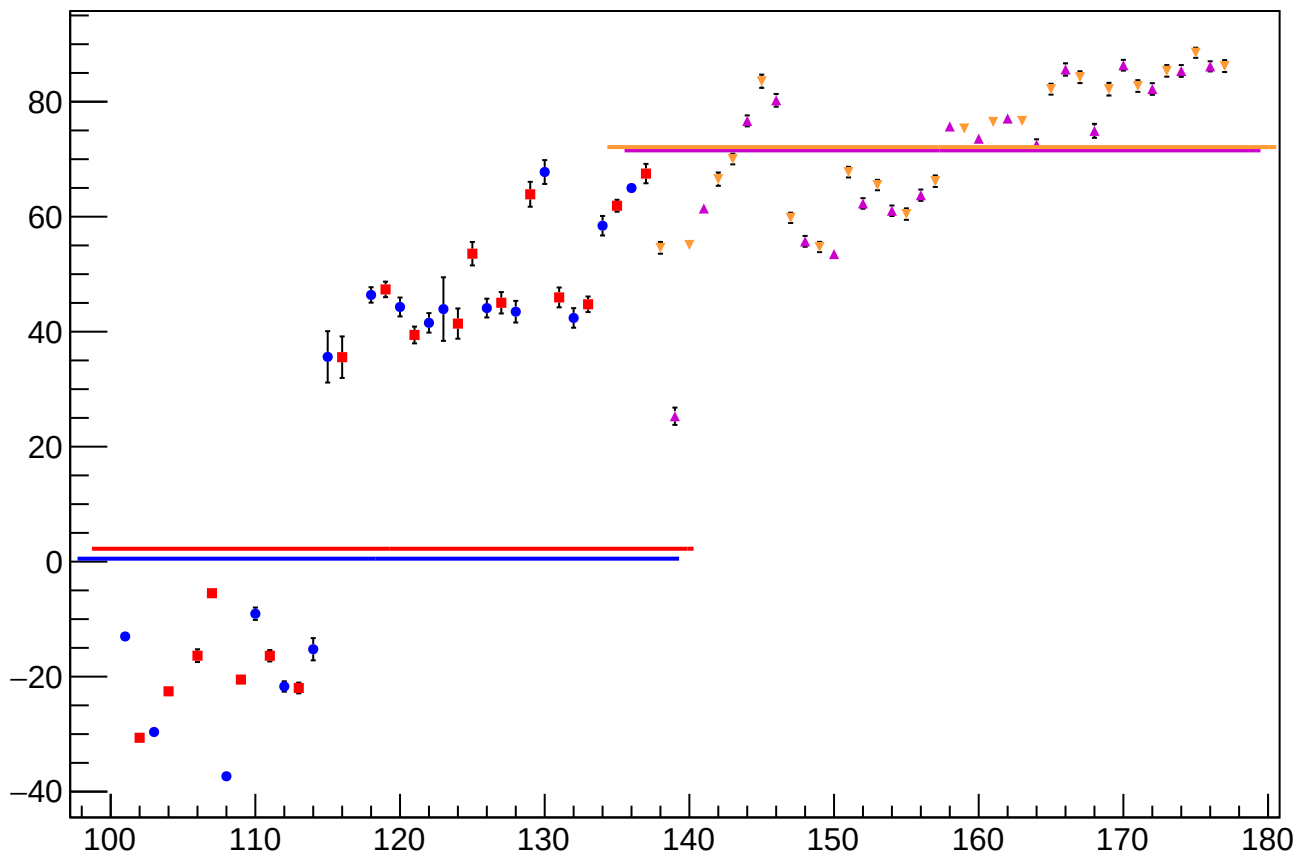
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 35.592 ± 0.204 χ^2/NDF : 17708.3/35

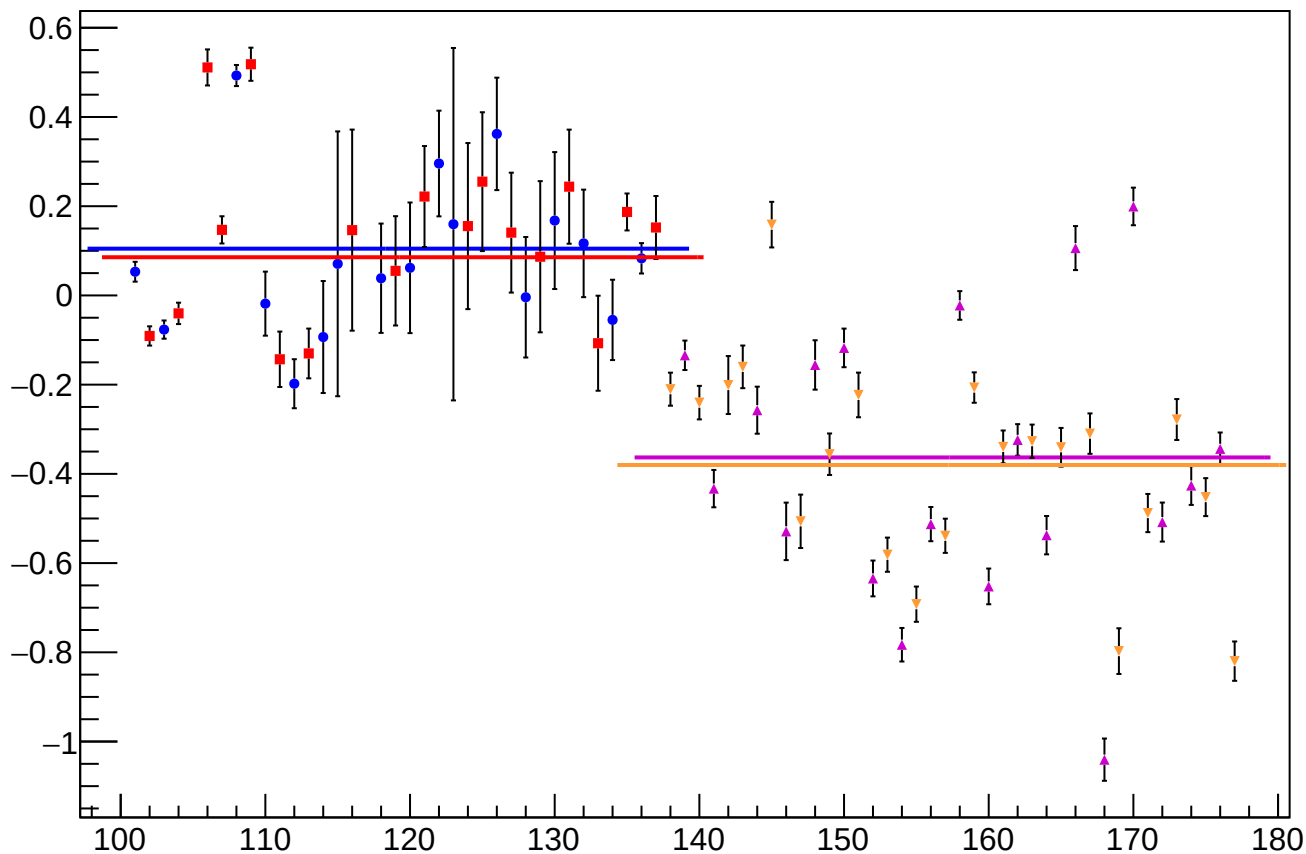
Out: 36.685 ± 0.202 χ^2/NDF : 15583.3/38

All: 36.144 ± 0.143 χ^2/NDF : 33306.1/74

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -0.380 ± 0.009 $\chi^2/\text{NDF}: 508.8/20$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.363 ± 0.009 $\chi^2/\text{NDF}: 962.6/18$

Left: -0.372 ± 0.007 $\chi^2/\text{NDF}: 1473.0/39$

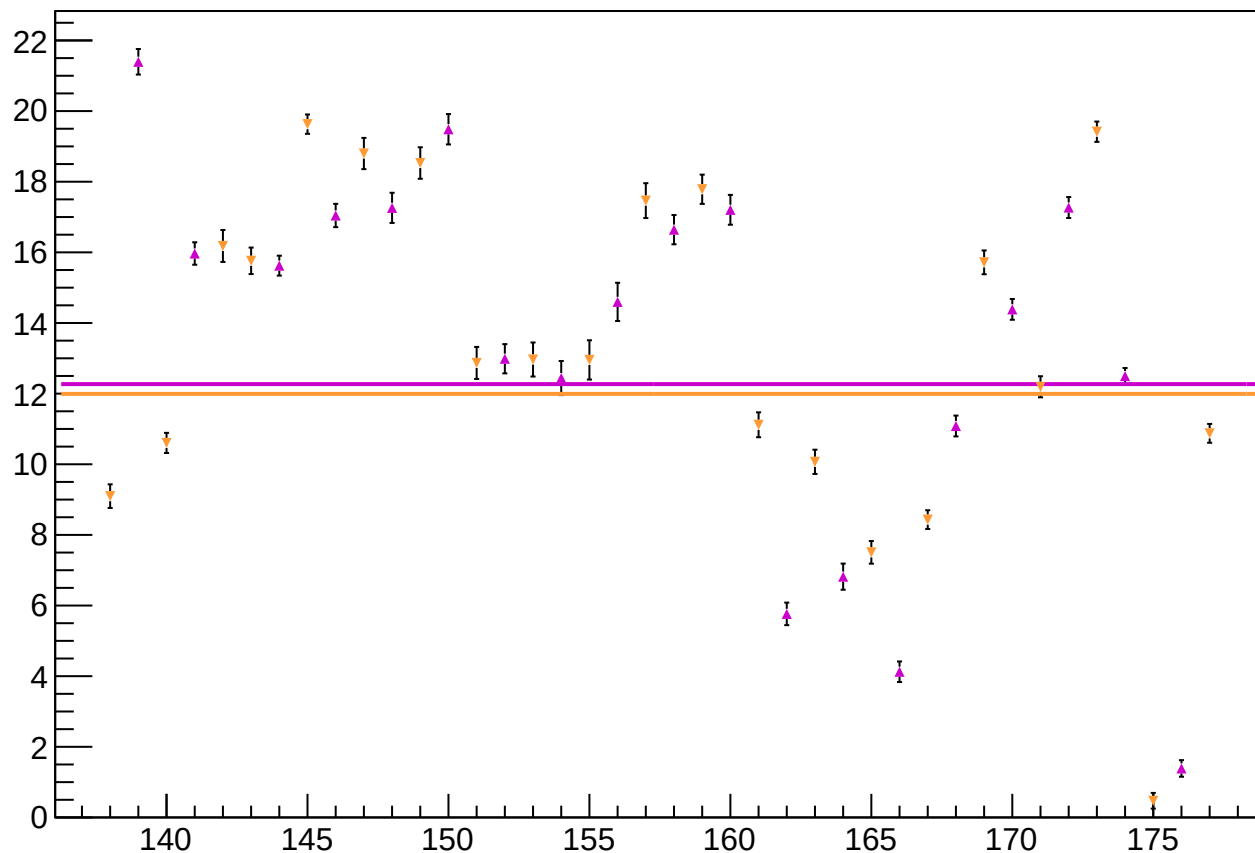
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.164 ± 0.007 $\chi^2/\text{NDF}: 2397.6/35$

Out: -0.187 ± 0.007 $\chi^2/\text{NDF}: 1929.1/38$

All: -0.176 ± 0.005 $\chi^2/\text{NDF}: 4331.5/74$

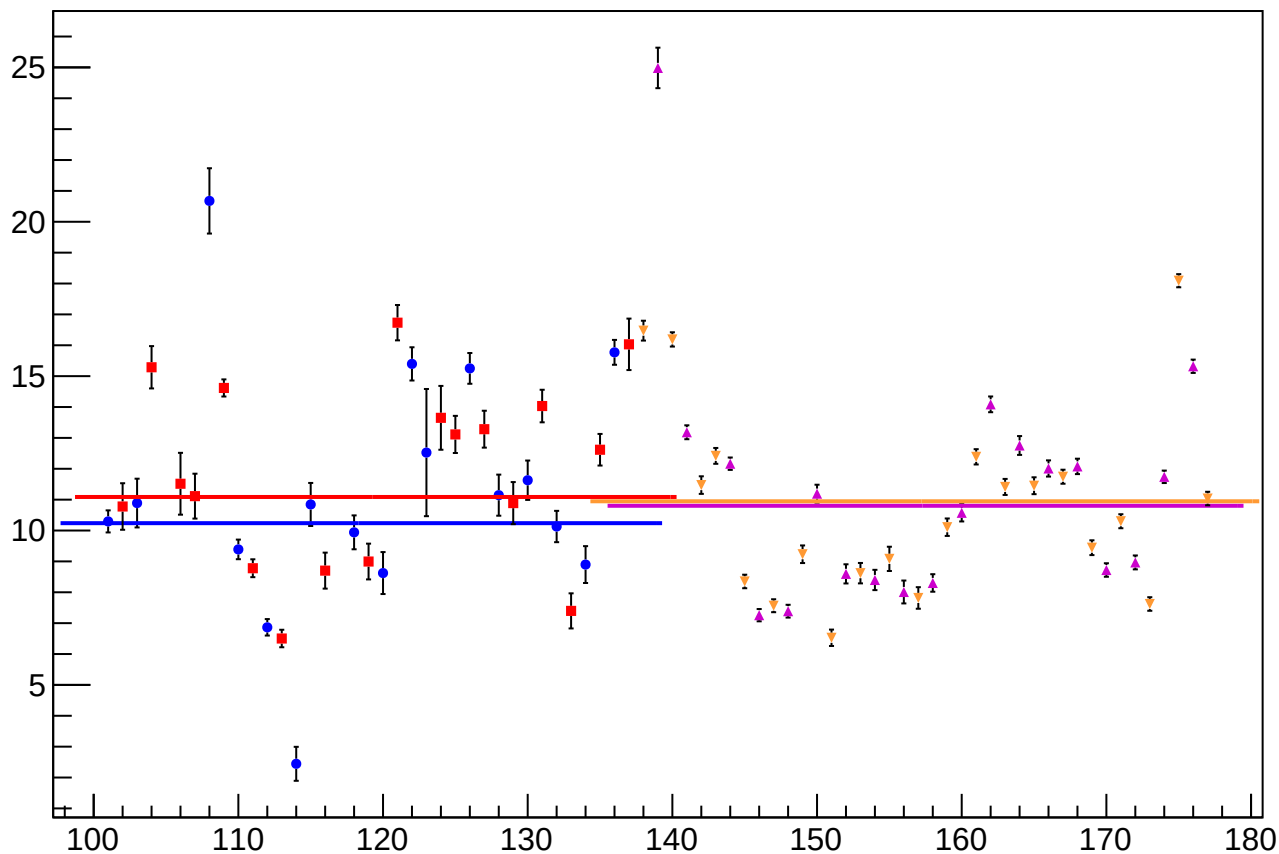
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.992+/-0.073 χ^2/NDF : 5747.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 12.270+/-0.075 χ^2/NDF : 5720.3/18

Left: 12.127+/-0.053 χ^2/NDF : 11474.3/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 12.270+/-0.075 χ^2/NDF : 5720.3/18
 Out: 11.992+/-0.073 χ^2/NDF : 5747.1/20
 All: 12.127+/-0.053 χ^2/NDF : 11474.3/39

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.947 $\pm$ 0.055 χ^2 /NDF:3175.1/20

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 10.802 $\pm$ 0.057 χ^2 /NDF:2324.0/18

Left: 10.877 $\pm$ 0.040 χ^2 /NDF: 5502.4/39

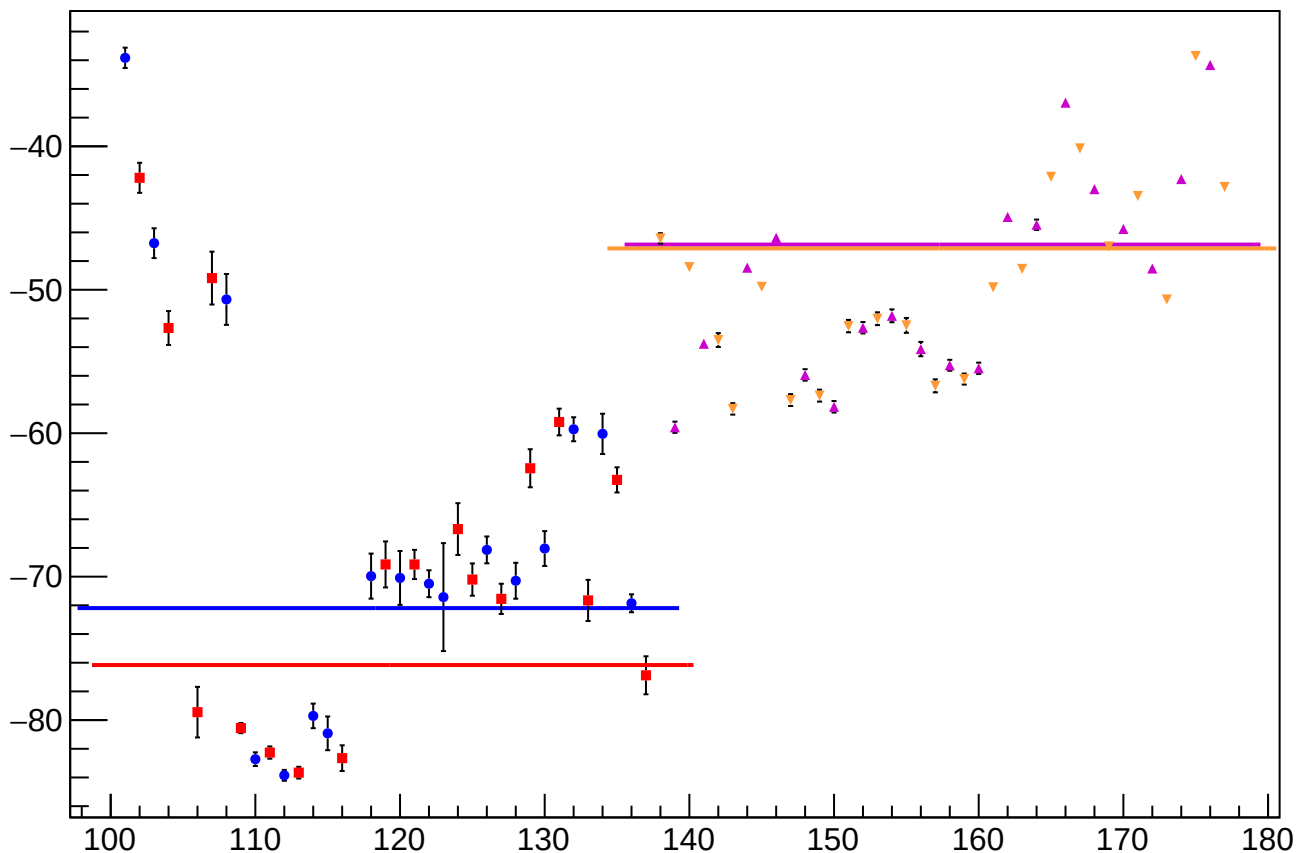
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.696 $\pm$ 0.052 χ^2 /NDF:3209.6/35

Out: 10.973 $\pm$ 0.050 χ^2 /NDF:3977.3/38

All: 10.839 $\pm$ 0.036 χ^2 /NDF: 7201.7/74

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -47.118 ± 0.074 $\chi^2/\text{NDF}: 8869.7/20$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -46.851 ± 0.076 $\chi^2/\text{NDF}: 8940.6/18$

Left: -46.988 ± 0.053 $\chi^2/\text{NDF}: 17816.7/39$

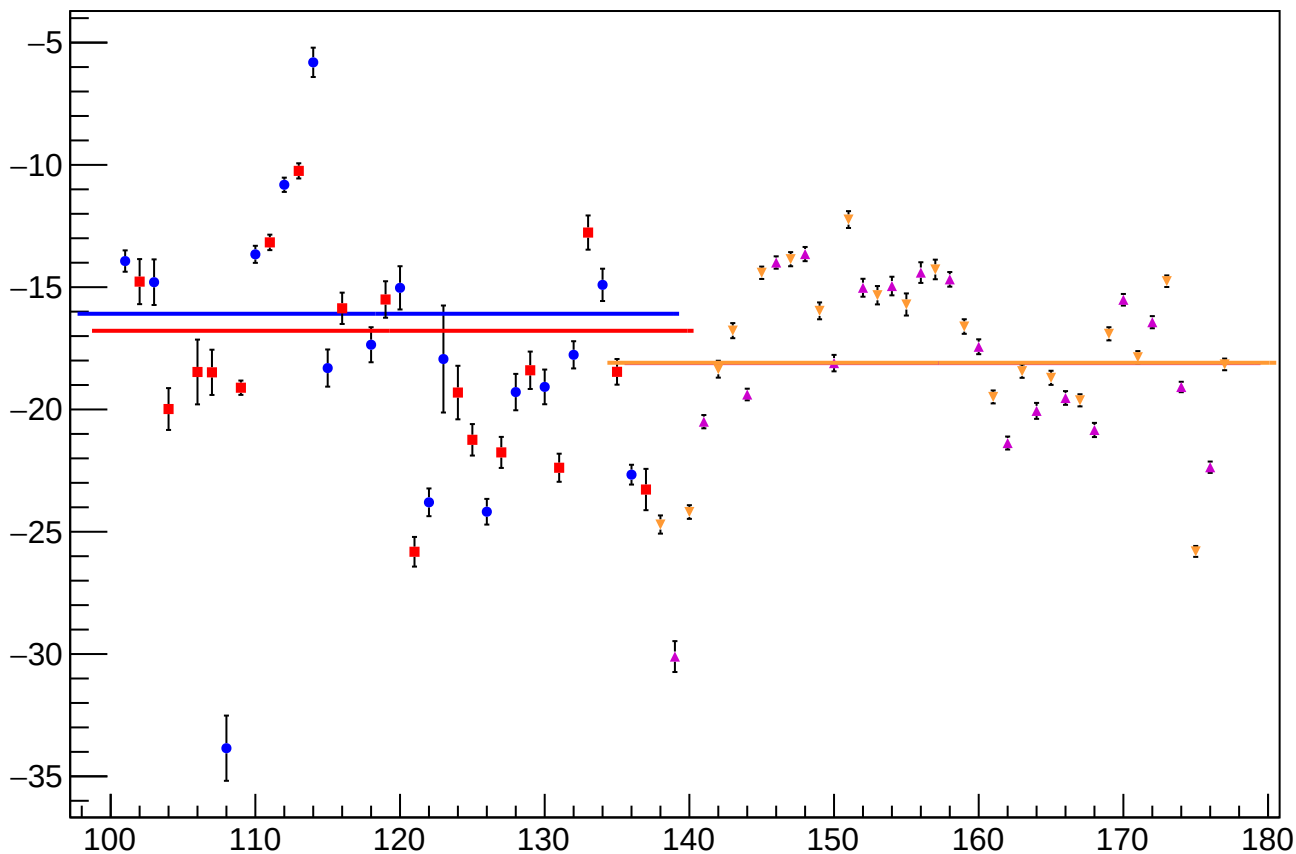
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -50.065 ± 0.071 $\chi^2/\text{NDF}: 28786.7/35$

Out: -51.230 ± 0.068 $\chi^2/\text{NDF}: 34138.5/38$

All: -50.668 ± 0.049 $\chi^2/\text{NDF}: 63066.1/74$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 $\pm$ 0.132 χ^2 /NDF: 1621.7/16

Left Out: -18.091 $\pm$ 0.063 χ^2 /NDF:3241.3/20

Right Out: -16.783 $\pm$ 0.128 χ^2 /NDF: 1204.4/17

Left In: -18.105 $\pm$ 0.065 χ^2 /NDF:2142.0/18

Left: -18.097 $\pm$ 0.045 χ^2 /NDF: 5383.3/39

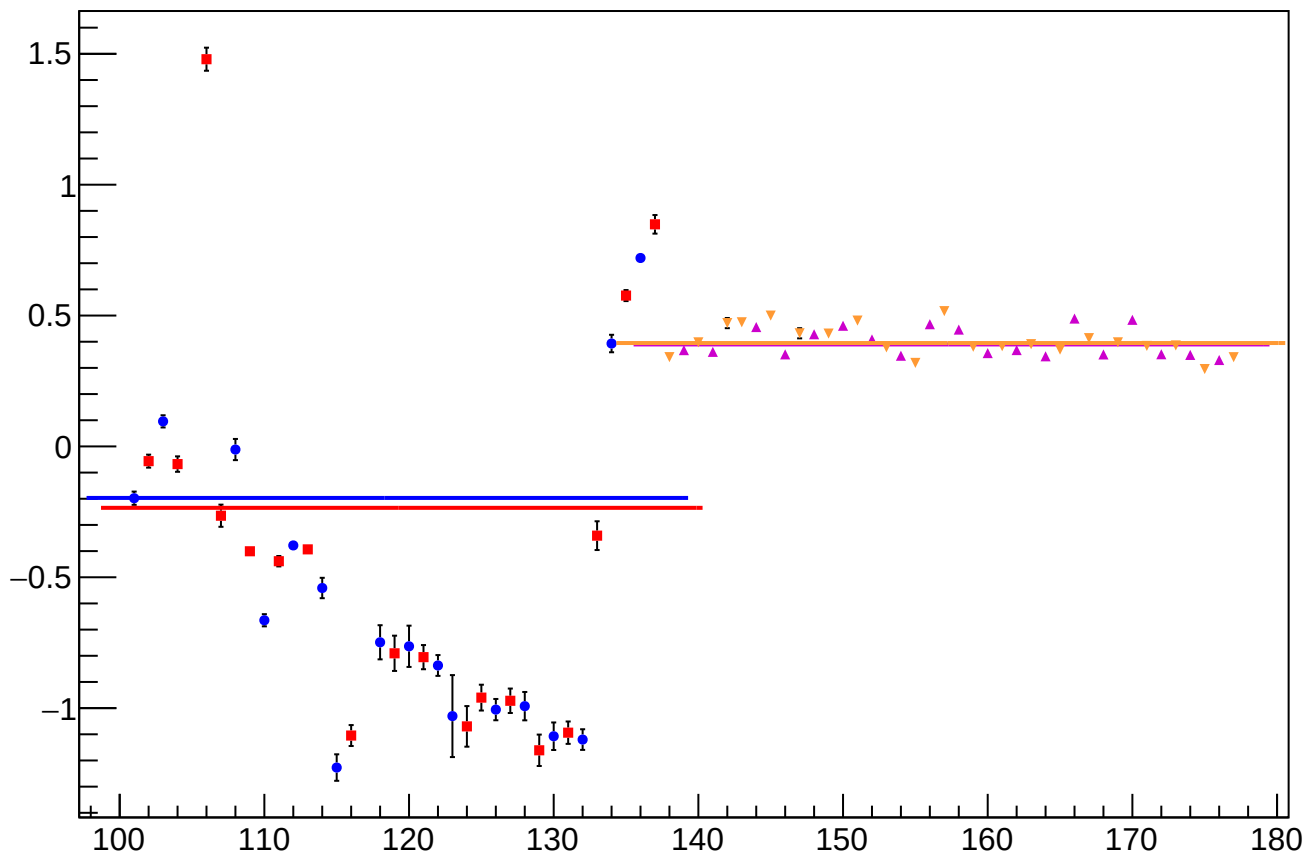
Right: -16.446 $\pm$ 0.092 χ^2 /NDF: 2840.4/34

In: -17.710 $\pm$ 0.059 χ^2 /NDF:3950.5/35

Out: -17.838 $\pm$ 0.056 χ^2 /NDF:4529.6/38

All: -17.776 $\pm$ 0.041 χ^2 /NDF: 8482.6/74

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.395 ± 0.003 χ^2/NDF : 374.0/20

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.390 ± 0.003 χ^2/NDF : 341.1/18

Left: 0.392 ± 0.002 χ^2/NDF : 716.8/39

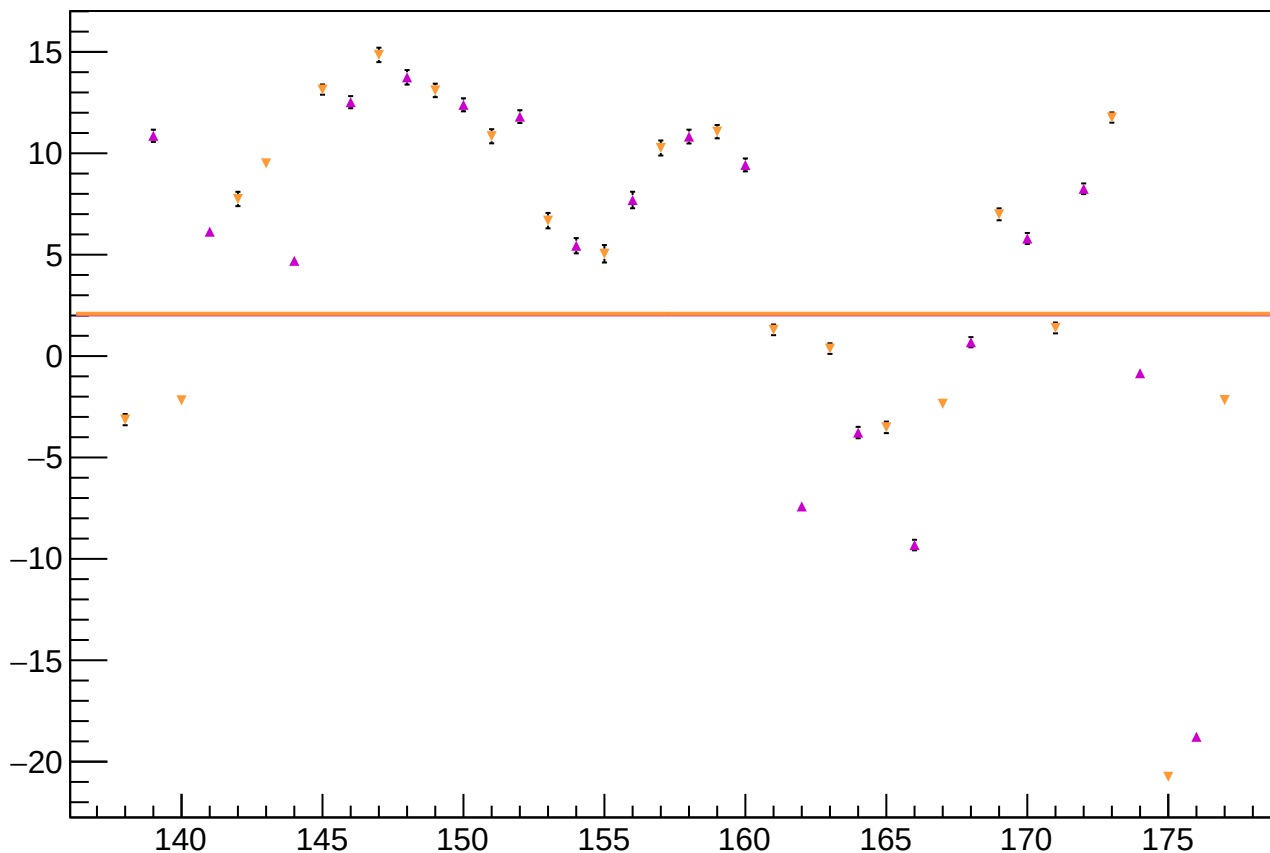
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.311 ± 0.003 χ^2/NDF : 11902.4/35

Out: 0.307 ± 0.003 χ^2/NDF : 13173.5/38

All: 0.309 ± 0.002 χ^2/NDF : 25077.5/74

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 2.088+/-0.061 χ^2/NDF :24479.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.058+/-0.063 χ^2/NDF :21485.3/18

Left: 2.074+/-0.044 χ^2/NDF : 45964.4/39

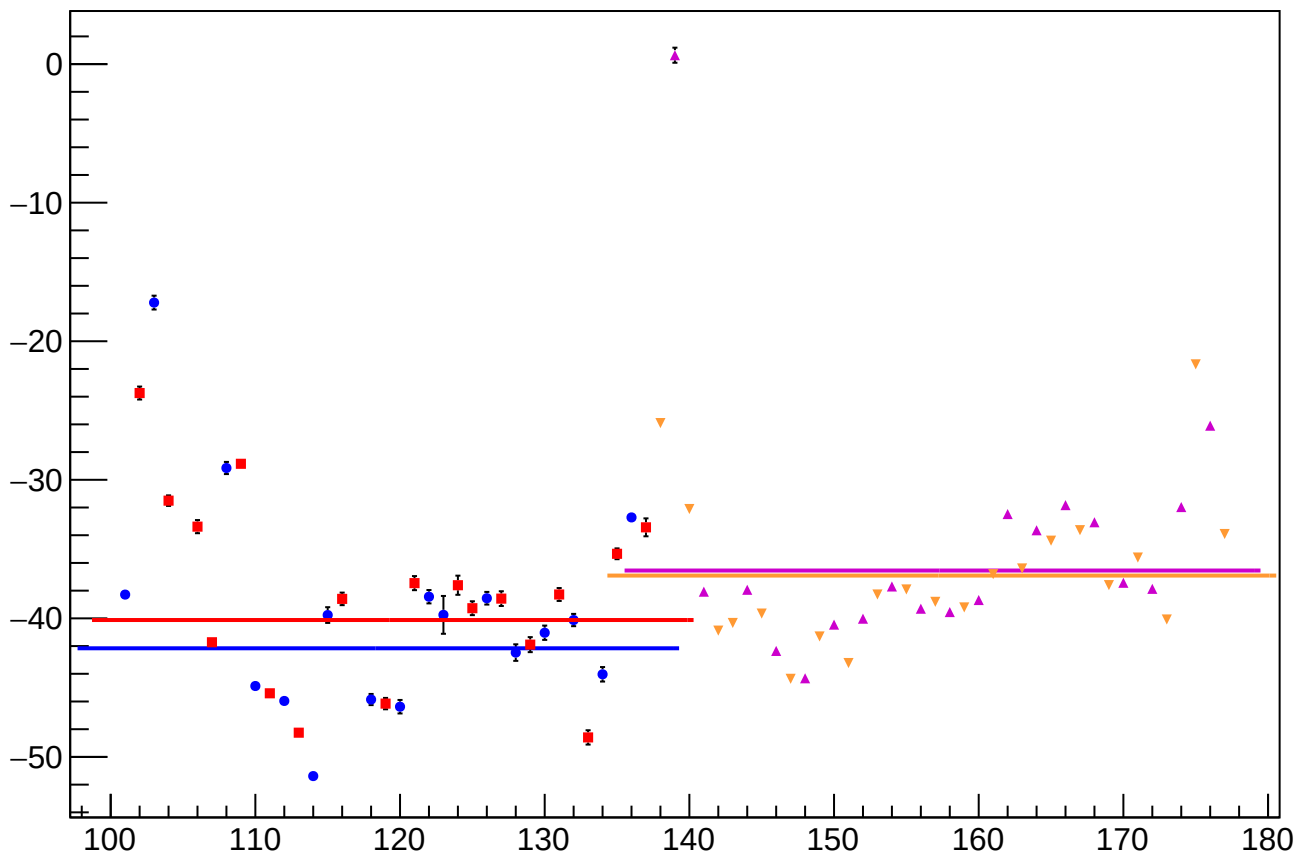
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.058+/-0.063 χ^2/NDF :21485.3/18

Out: 2.088+/-0.061 χ^2/NDF :24479.0/20

All: 2.074+/-0.044 χ^2/NDF : 45964.4/39

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -36.912 ± 0.045 $\chi^2/\text{NDF}: 14185.1/20$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -36.547 ± 0.048 $\chi^2/\text{NDF}: 13513.6/18$

Left: -36.741 ± 0.033 $\chi^2/\text{NDF}: 27729.1/39$

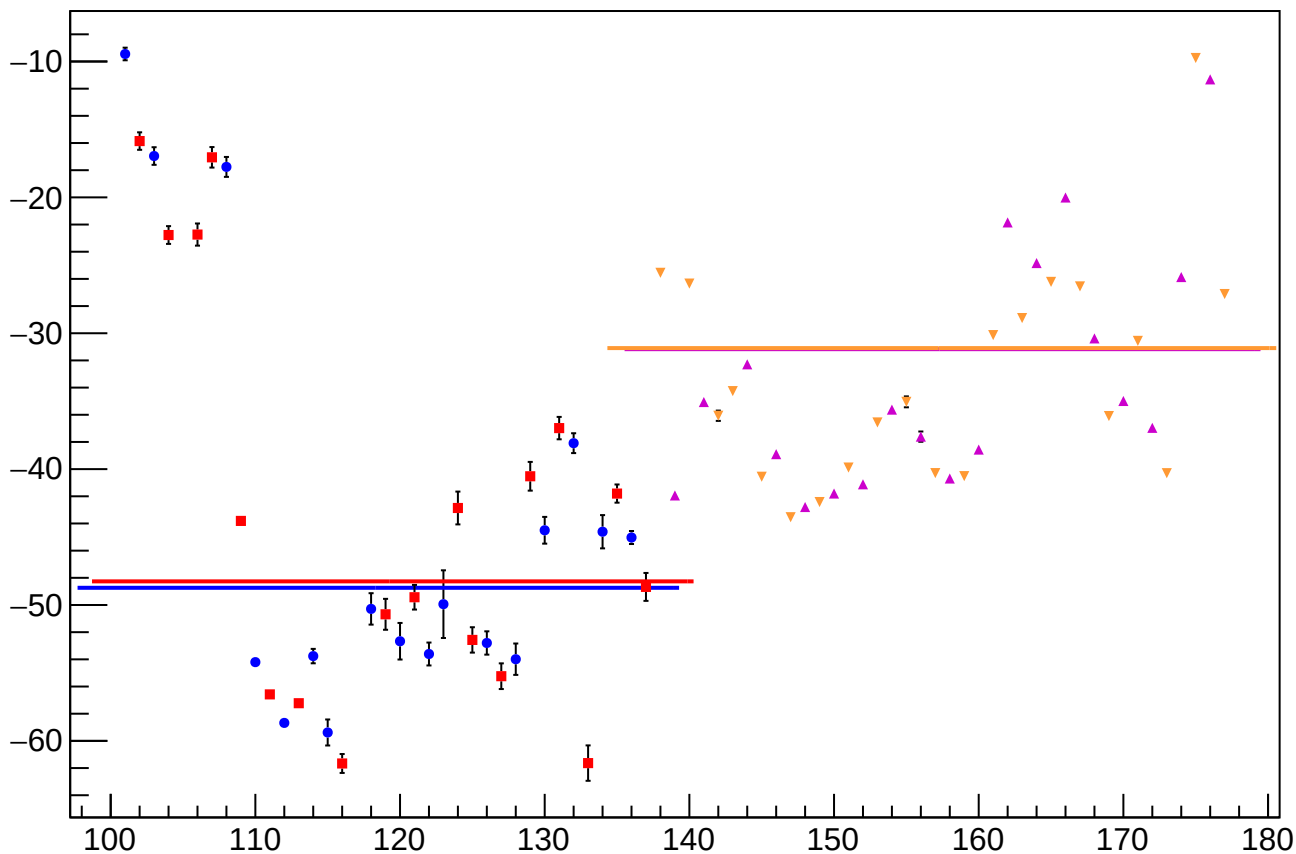
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -38.097 ± 0.041 $\chi^2/\text{NDF}: 23840.7/35$

Out: -37.806 ± 0.038 $\chi^2/\text{NDF}: 26468.5/38$

All: -37.942 ± 0.028 $\chi^2/\text{NDF}: 50336.1/74$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -31.093 ± 0.061 $\chi^2/\text{NDF}: 21887.5/20$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -31.172 ± 0.063 $\chi^2/\text{NDF}: 21672.2/18$

Left: -31.131 ± 0.044 $\chi^2/\text{NDF}: 43560.5/39$

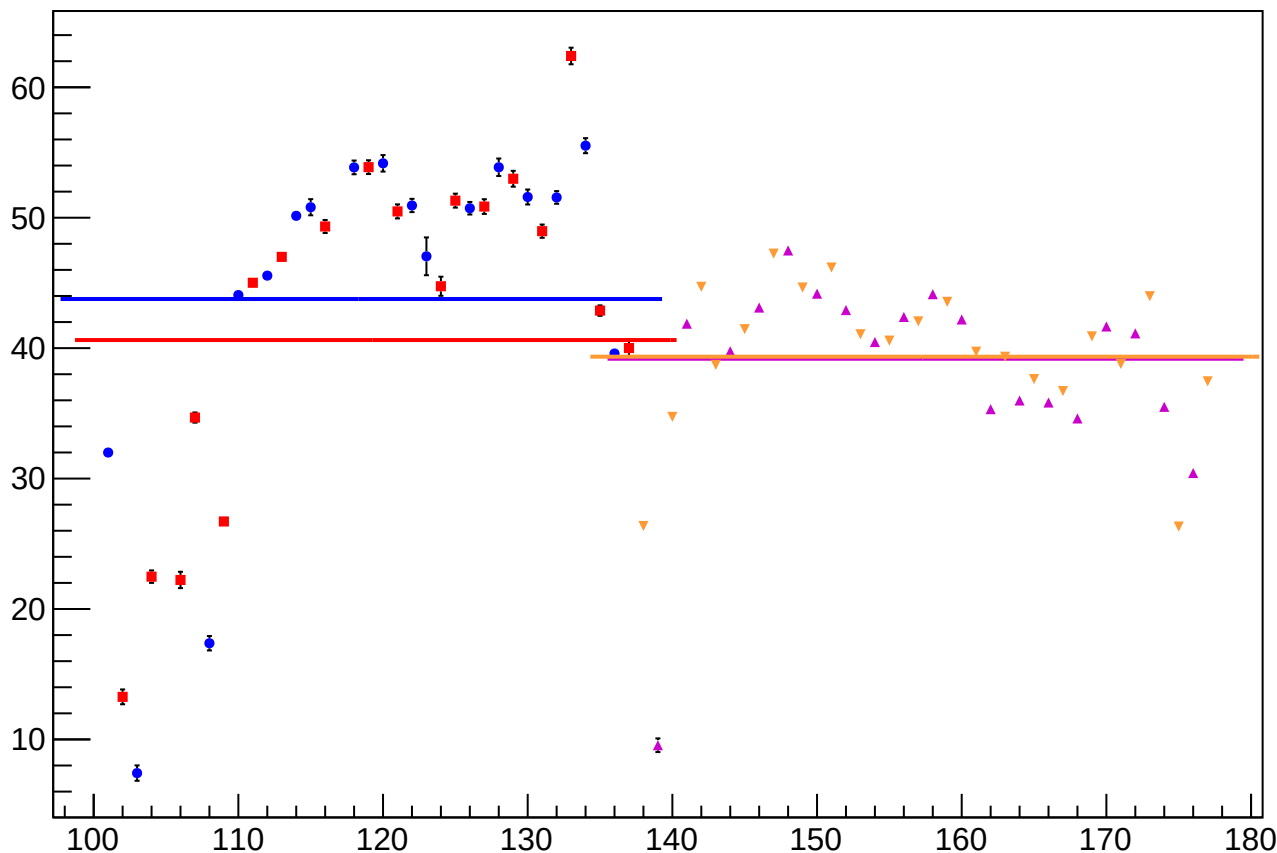
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -34.752 ± 0.056 $\chi^2/\text{NDF}: 52124.8/35$

Out: -35.250 ± 0.053 $\chi^2/\text{NDF}: 52330.0/38$

All: -35.017 ± 0.039 $\chi^2/\text{NDF}: 104496.4/74$

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: 39.346 $\pm$ 0.052 χ^2 /NDF:10448.2/20

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 39.187 $\pm$ 0.055 χ^2 /NDF:9451.0/18

Left: 39.271 $\pm$ 0.037 χ^2 /NDF: 19903.7/39

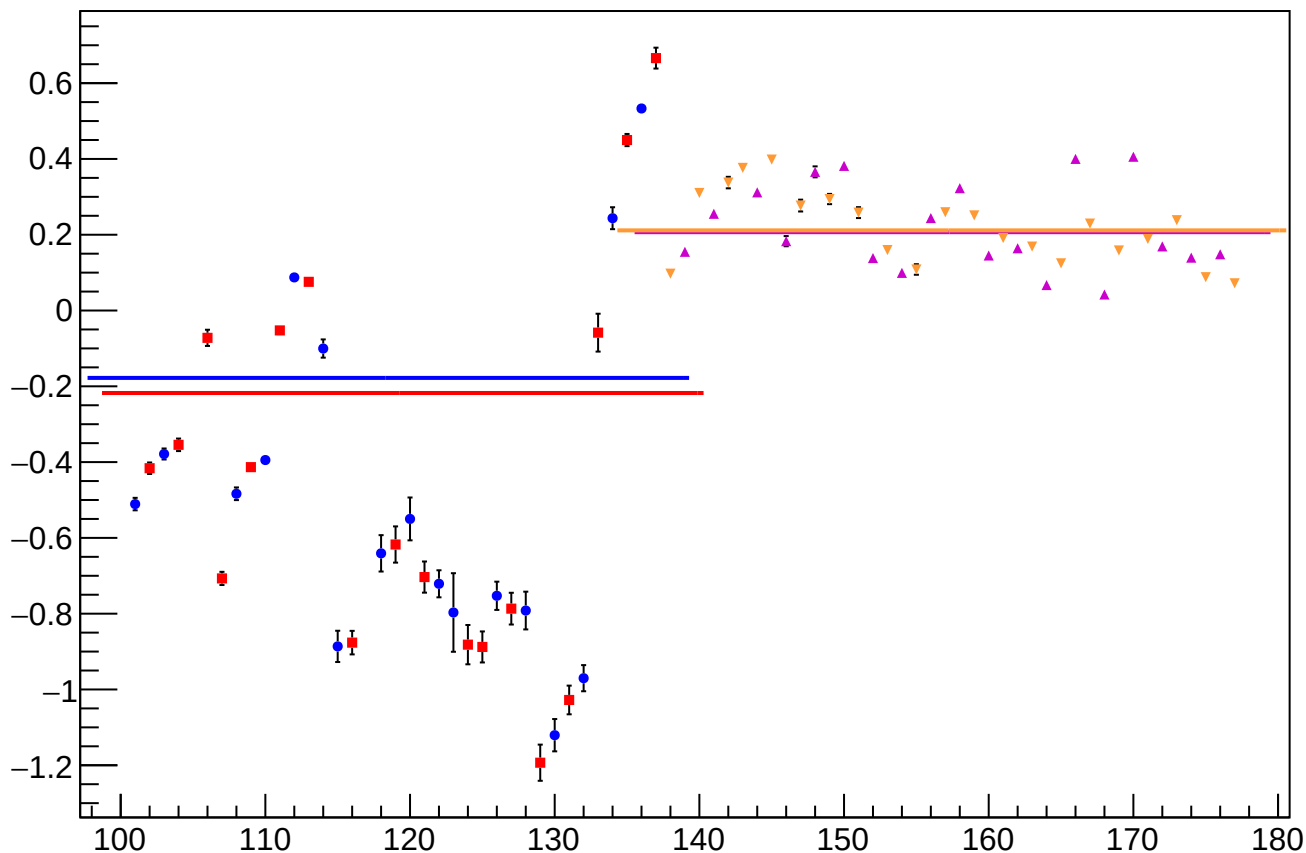
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 40.483 $\pm$ 0.046 χ^2 /NDF:22079.7/35

Out: 39.718 $\pm$ 0.043 χ^2 /NDF:27584.2/38

All: 40.077 $\pm$ 0.032 χ^2 /NDF: 49809.8/74

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.212 ± 0.002 χ^2/NDF : 1520.4/20

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.207 ± 0.002 χ^2/NDF : 1968.5/18

Left: 0.209 ± 0.002 χ^2/NDF : 3490.9/39

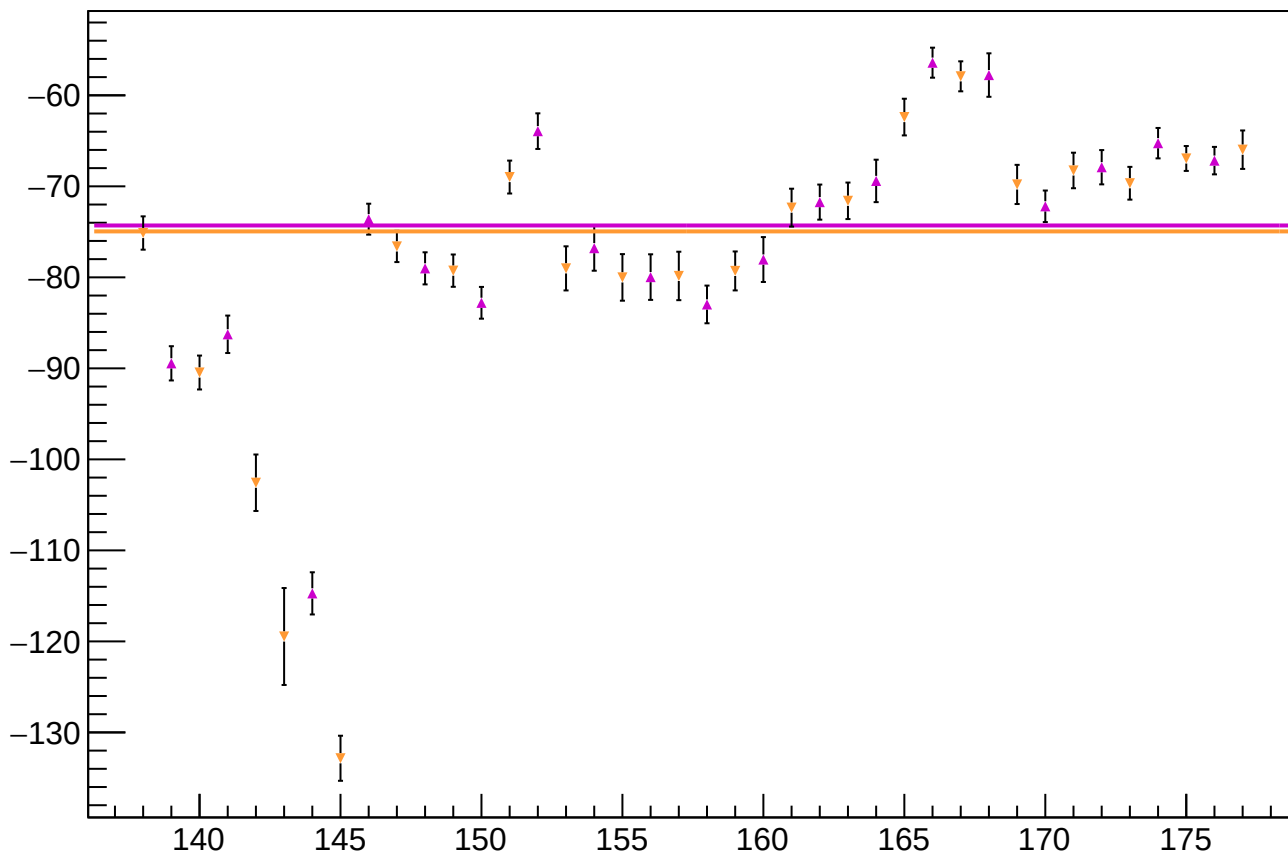
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.127 ± 0.002 χ^2/NDF : 14336.9/35

Out: 0.110 ± 0.002 χ^2/NDF : 16539.2/38

All: 0.118 ± 0.002 χ^2/NDF : 30907.7/74

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.301+/-0.443 χ^2/NDF :724.0/18

Left: -74.629+/-0.312 χ^2/NDF : 1750.8/39

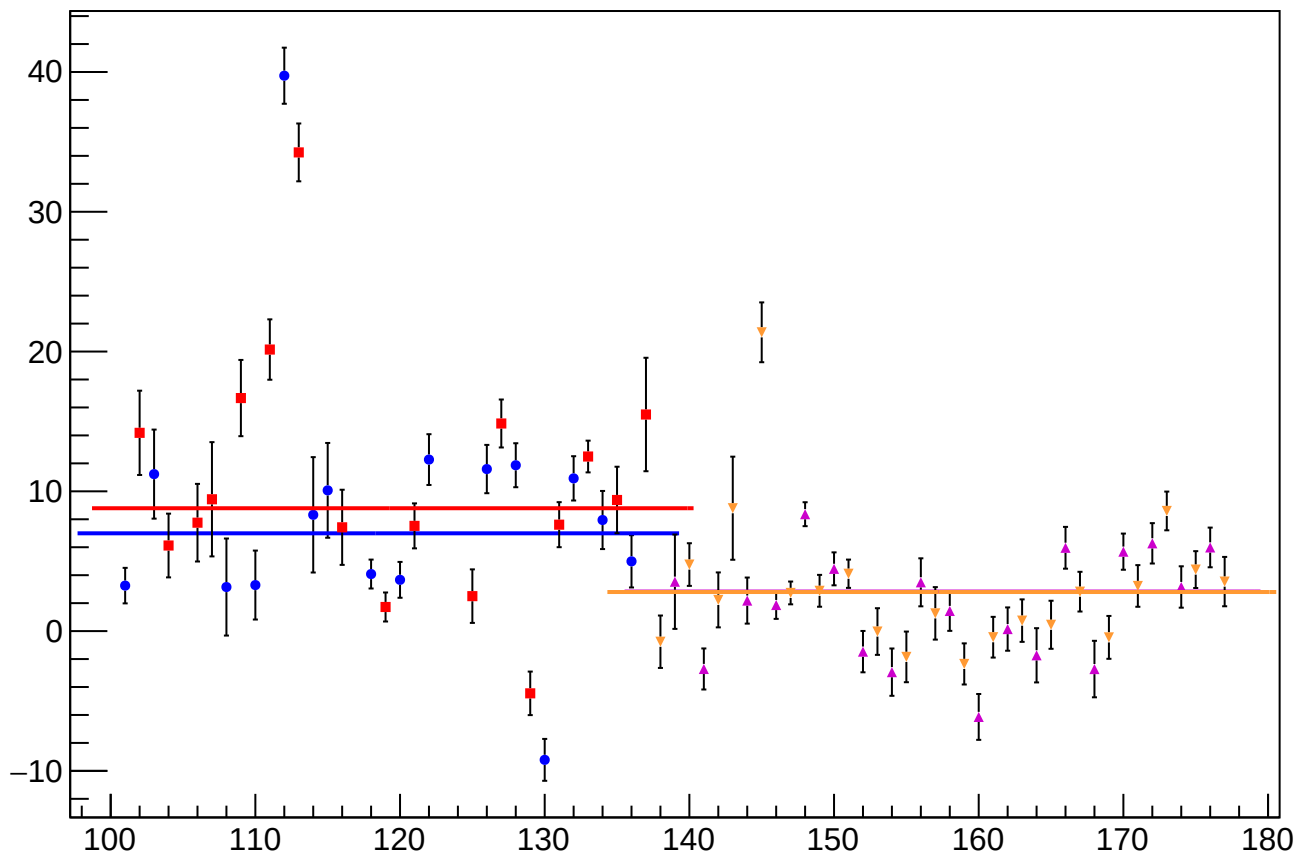
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.301+/-0.443 χ^2/NDF :724.0/18

Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

All: -74.629+/-0.312 χ^2/NDF : 1750.8/39

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.796 $\pm$ 0.317 χ^2 /NDF:139.7/20

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.831 $\pm$ 0.326 χ^2 /NDF:146.1/18

Left: 2.813 $\pm$ 0.227 χ^2 /NDF: 285.8/39

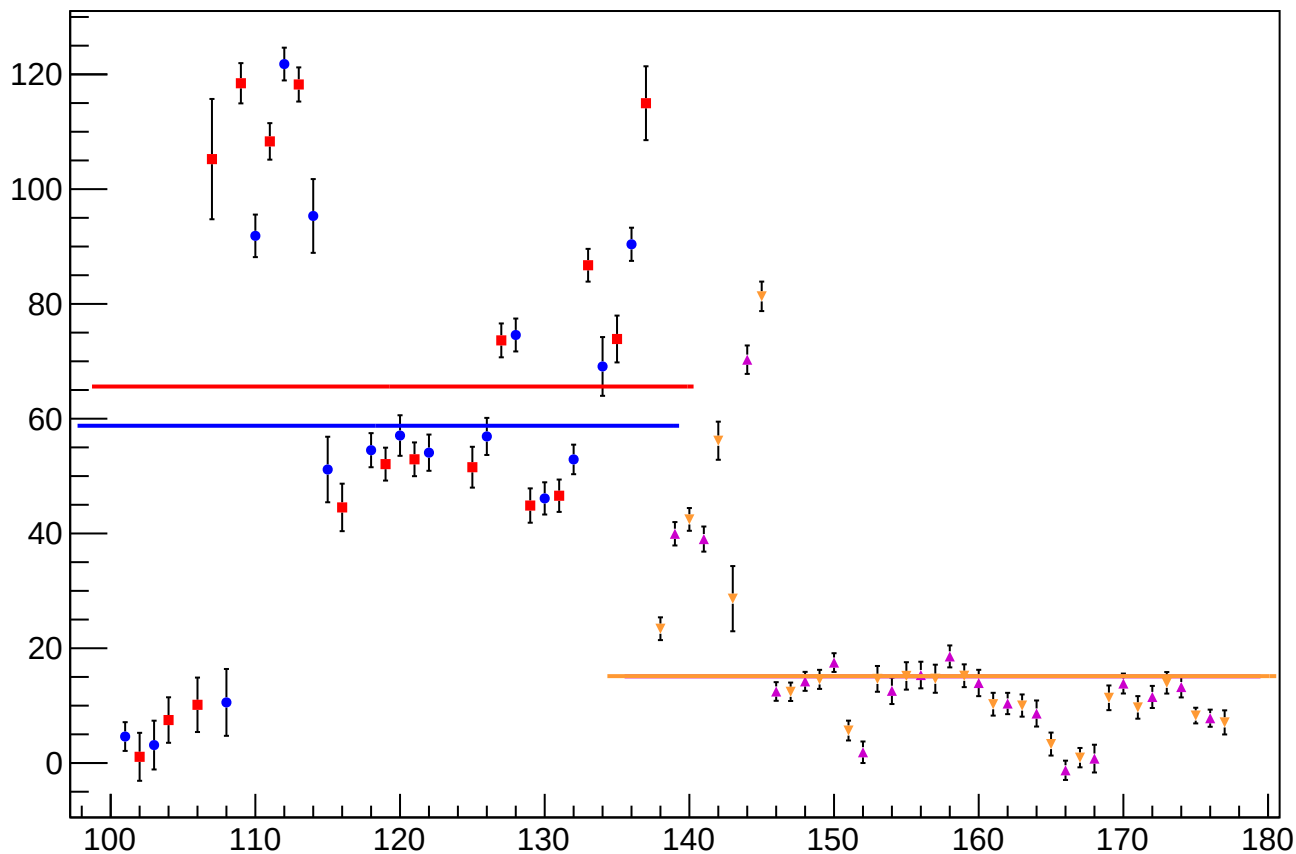
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.330 $\pm$ 0.260 χ^2 /NDF:650.4/34

Out: 4.787 $\pm$ 0.259 χ^2 /NDF:607.3/37

All: 4.560 $\pm$ 0.184 χ^2 /NDF: 1259.3/72

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: 15.141 $\pm$ 0.434 χ^2 /NDF:1232.0/20

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 15.101 $\pm$ 0.438 χ^2 /NDF:997.0/18

Left: 15.121 $\pm$ 0.308 χ^2 /NDF: 2229.0/39

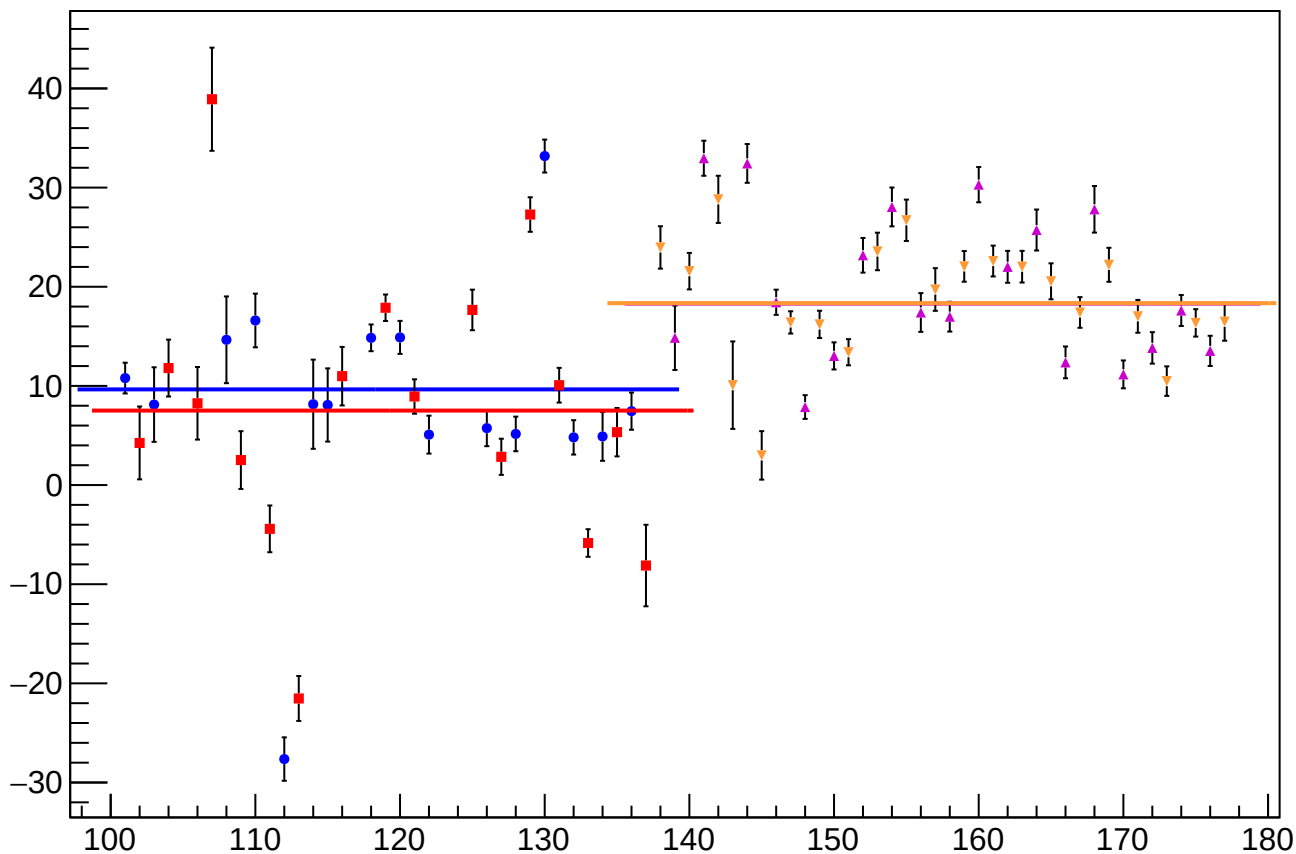
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 24.553 $\pm$ 0.388 χ^2 /NDF:4644.2/34

Out: 25.687 $\pm$ 0.386 χ^2 /NDF:5680.5/37

All: 25.122 $\pm$ 0.274 χ^2 /NDF: 10329.0/72

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.341 $\pm$ 0.367 χ^2 /NDF:172.9/20

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.300 $\pm$ 0.376 χ^2 /NDF:384.3/18

Left: 18.321 $\pm$ 0.263 χ^2 /NDF: 557.1/39

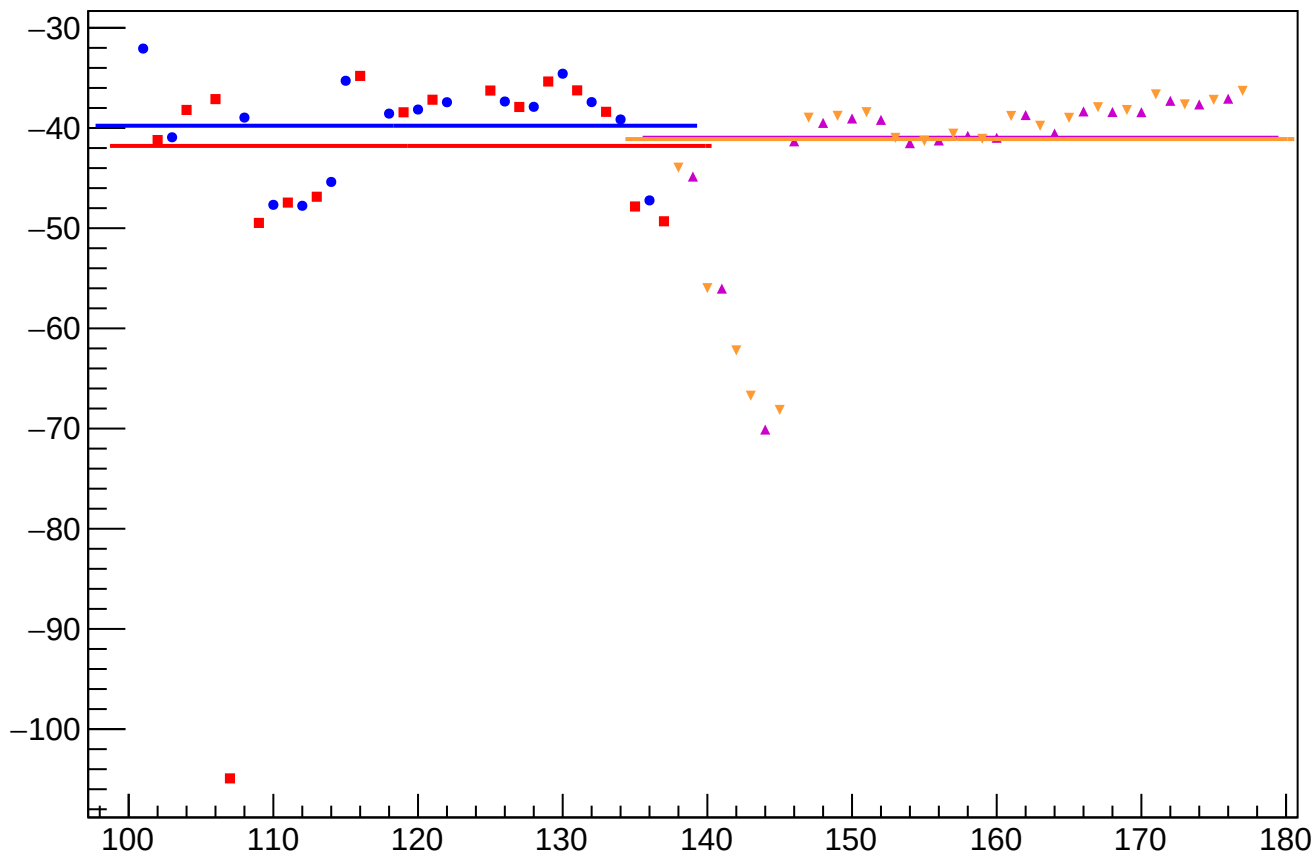
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.192 $\pm$ 0.301 χ^2 /NDF:1128.1/34

Out: 14.709 $\pm$ 0.299 χ^2 /NDF:1029.4/37

All: 14.949 $\pm$ 0.212 χ^2 /NDF: 2158.8/72

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -41.103 ± 0.017 $\chi^2/\text{NDF}: 161312.6/20$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -40.970 ± 0.017 $\chi^2/\text{NDF}: 118955.8/18$

Left: -41.036 ± 0.012 $\chi^2/\text{NDF}: 280297.9/39$

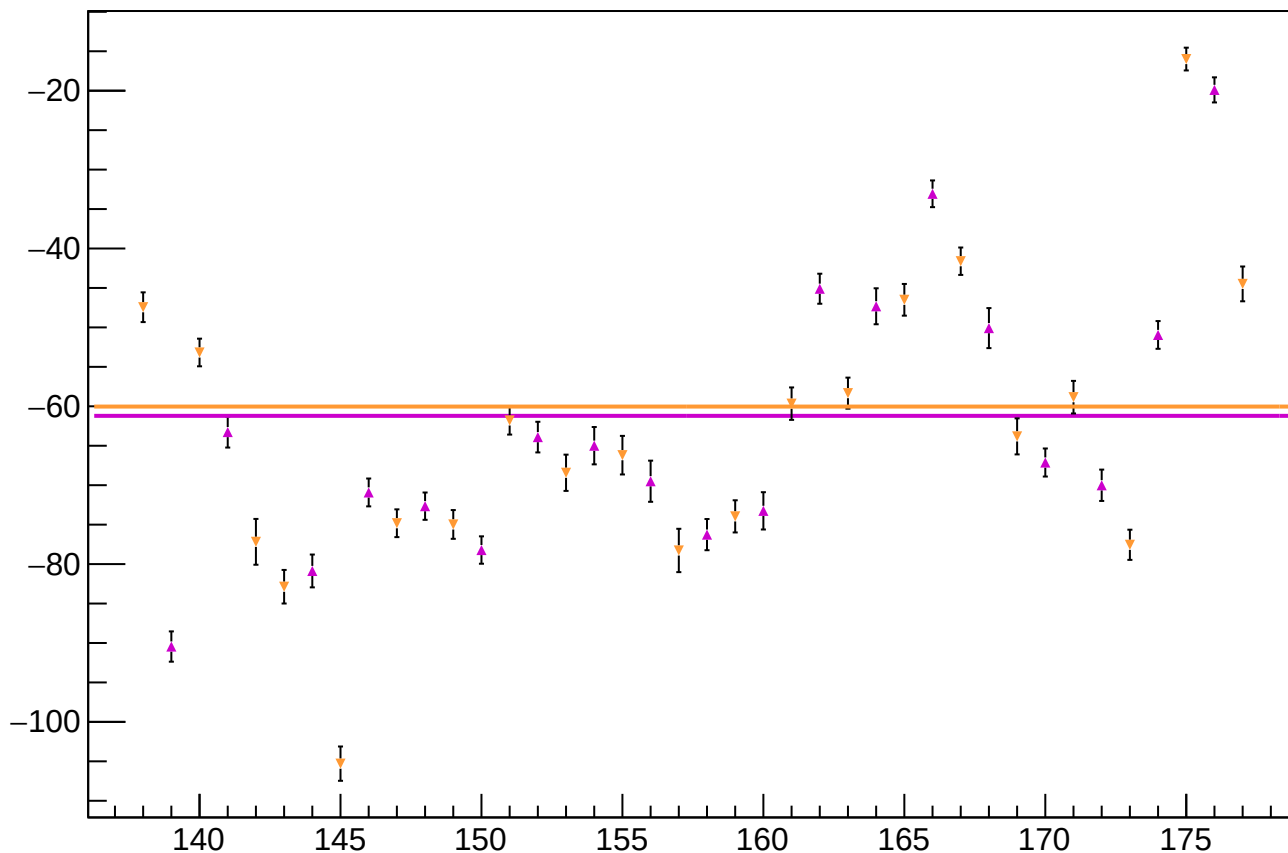
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -40.688 ± 0.015 $\chi^2/\text{NDF}: 146268.0/34$

Out: -41.263 ± 0.015 $\chi^2/\text{NDF}: 254684.5/37$

All: -40.974 ± 0.011 $\chi^2/\text{NDF}: 401674.7/72$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -61.210+/-0.446 χ^2/NDF :1734.2/18

Left: -60.608+/-0.311 χ^2/NDF : 3856.7/39

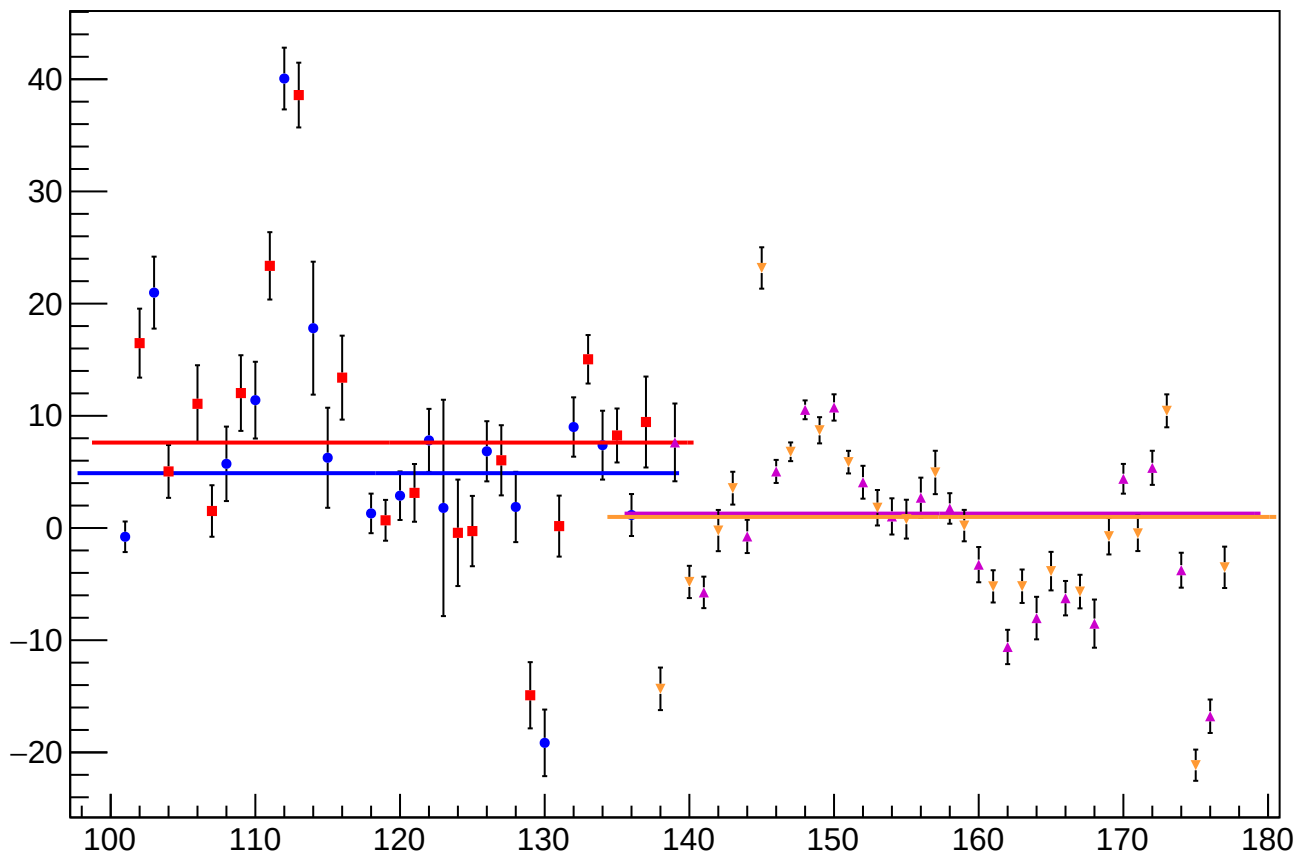
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -61.210+/-0.446 χ^2/NDF :1734.2/18

Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

All: -60.608+/-0.311 χ^2/NDF : 3856.7/39

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.988 ± 0.312 $\chi^2/\text{NDF}: 716.2/20$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 1.283 ± 0.325 $\chi^2/\text{NDF}: 542.4/18$

Left: 1.129 ± 0.225 $\chi^2/\text{NDF}: 1259.0/39$

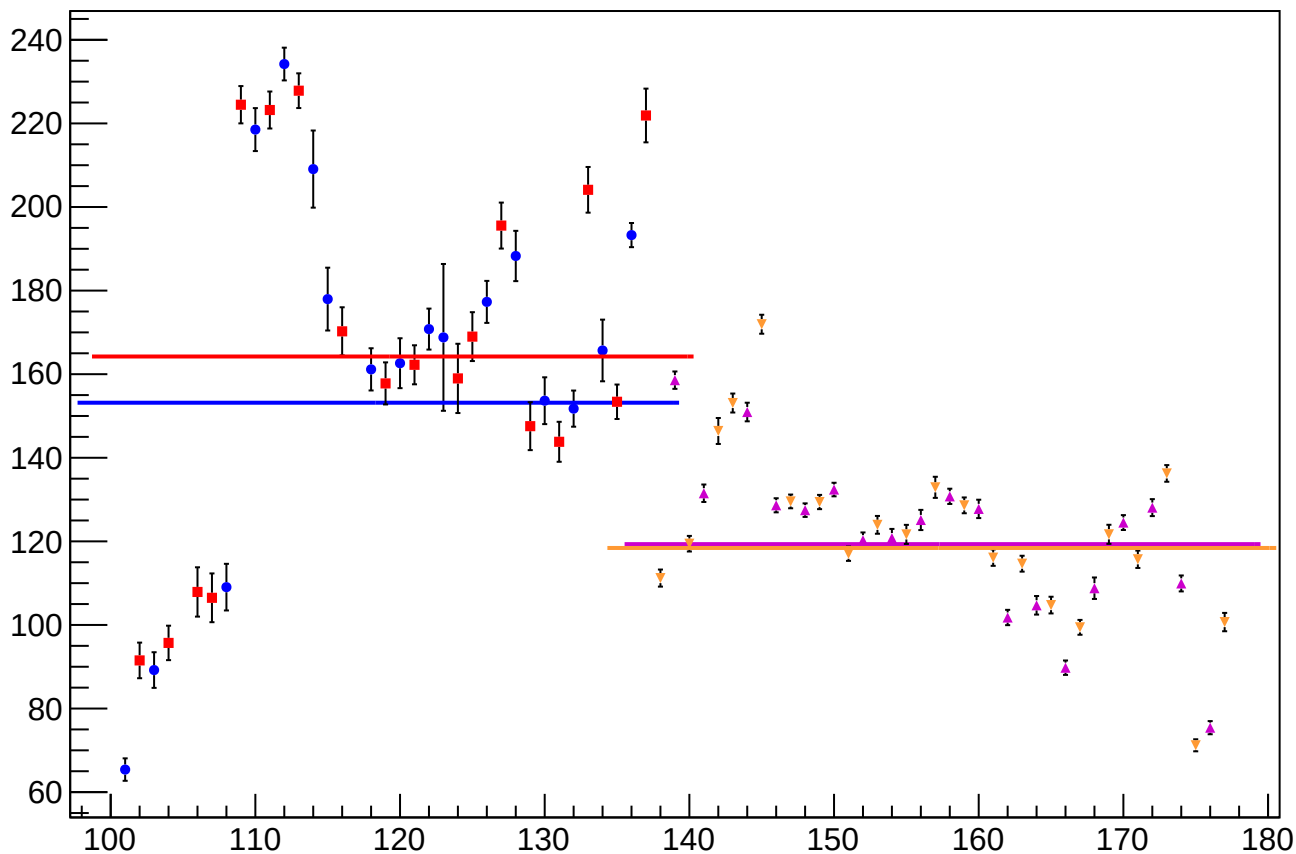
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 2.056 ± 0.288 $\chi^2/\text{NDF}: 863.5/35$

Out: 2.223 ± 0.282 $\chi^2/\text{NDF}: 1069.4/38$

All: 2.142 ± 0.201 $\chi^2/\text{NDF}: 1933.1/74$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 118.420 $\pm$ 0.431 χ^2 /NDF:2431.3/20

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 119.338 $\pm$ 0.440 χ^2 /NDF:2047.7/18

Left: 118.869 $\pm$ 0.308 χ^2 /NDF: 4481.2/39

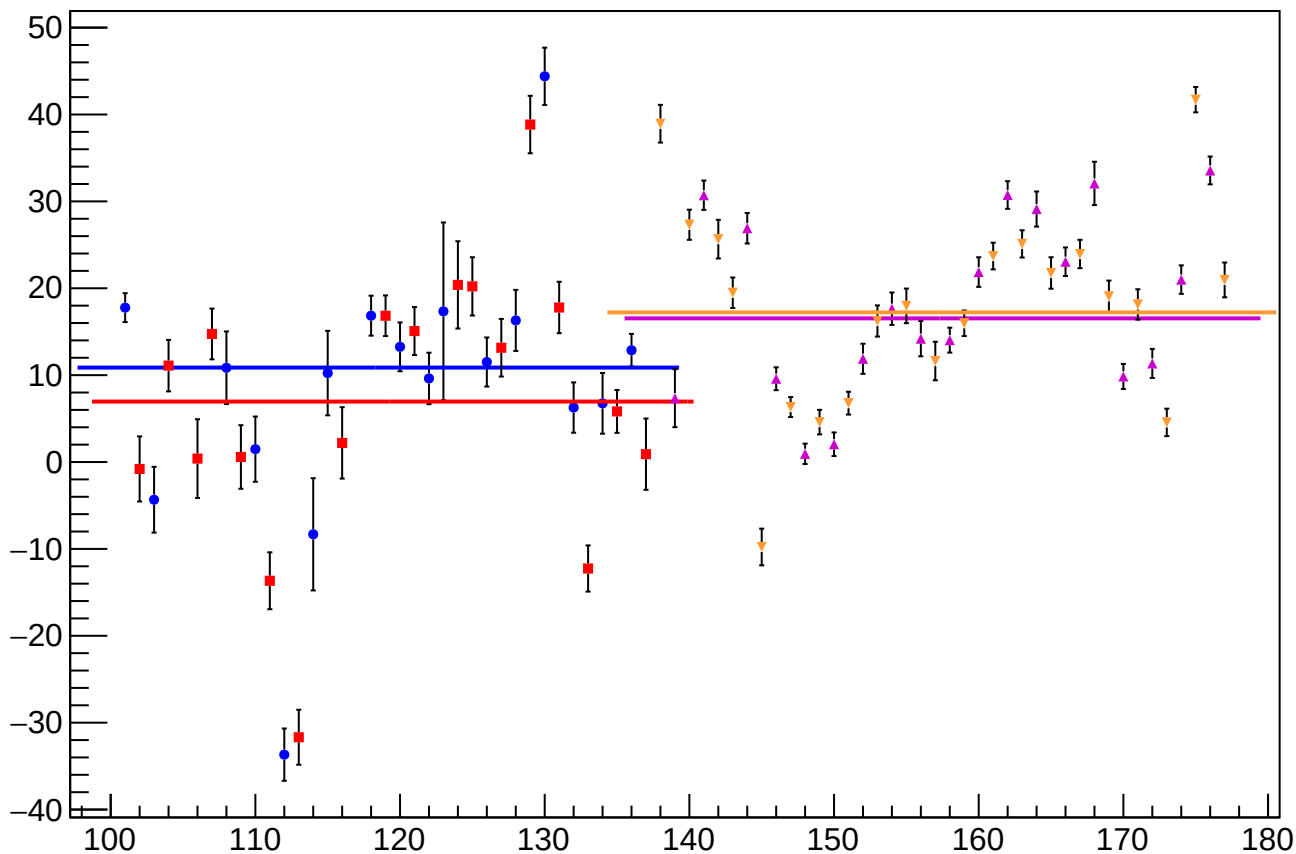
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 123.678 $\pm$ 0.411 χ^2 /NDF:5071.4/35

Out: 123.780 $\pm$ 0.405 χ^2 /NDF:5309.9/38

All: 123.730 $\pm$ 0.288 χ^2 /NDF: 10381.3/74

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 17.223 $\pm$ 0.362 χ^2 /NDF:971.4/20

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 16.537 $\pm$ 0.376 χ^2 /NDF:777.2/18

Left: 16.893 $\pm$ 0.261 χ^2 /NDF: 1750.3/39

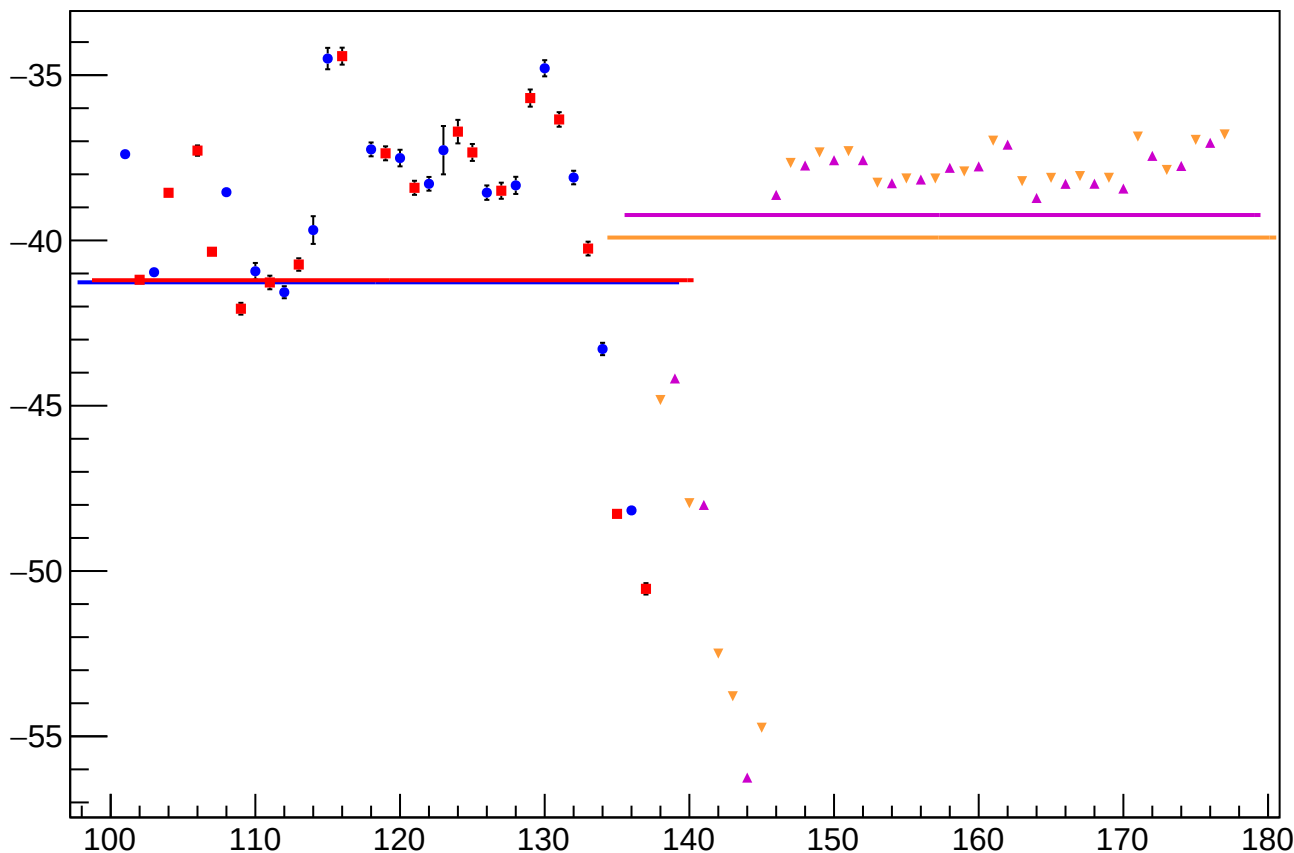
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 15.309 $\pm$ 0.333 χ^2 /NDF:1213.1/35

Out: 15.279 $\pm$ 0.326 χ^2 /NDF:1545.9/38

All: 15.293 $\pm$ 0.233 χ^2 /NDF: 2759.0/74

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -39.913 ± 0.017 $\chi^2/\text{NDF}: 88894.5/20$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.231 ± 0.017 $\chi^2/\text{NDF}: 51917.1/18$

Left: -39.575 ± 0.012 $\chi^2/\text{NDF}: 141589.7/39$

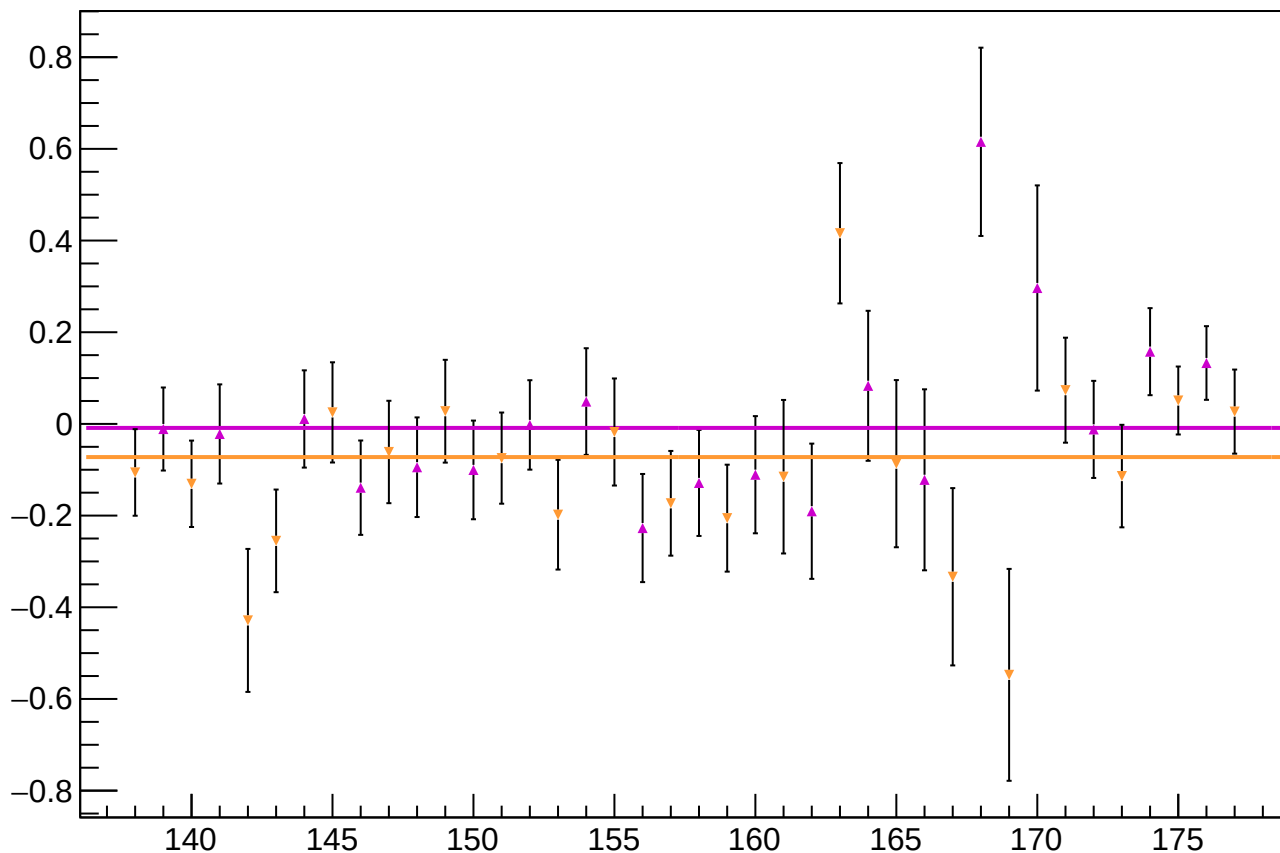
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.575 ± 0.016 $\chi^2/\text{NDF}: 66820.1/35$

Out: -40.124 ± 0.016 $\chi^2/\text{NDF}: 101826.9/38$

All: -39.851 ± 0.011 $\chi^2/\text{NDF}: 169252.9/74$

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: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Left: -0.042 $\pm$ 0.018 χ^2 /NDF: 66.3/39

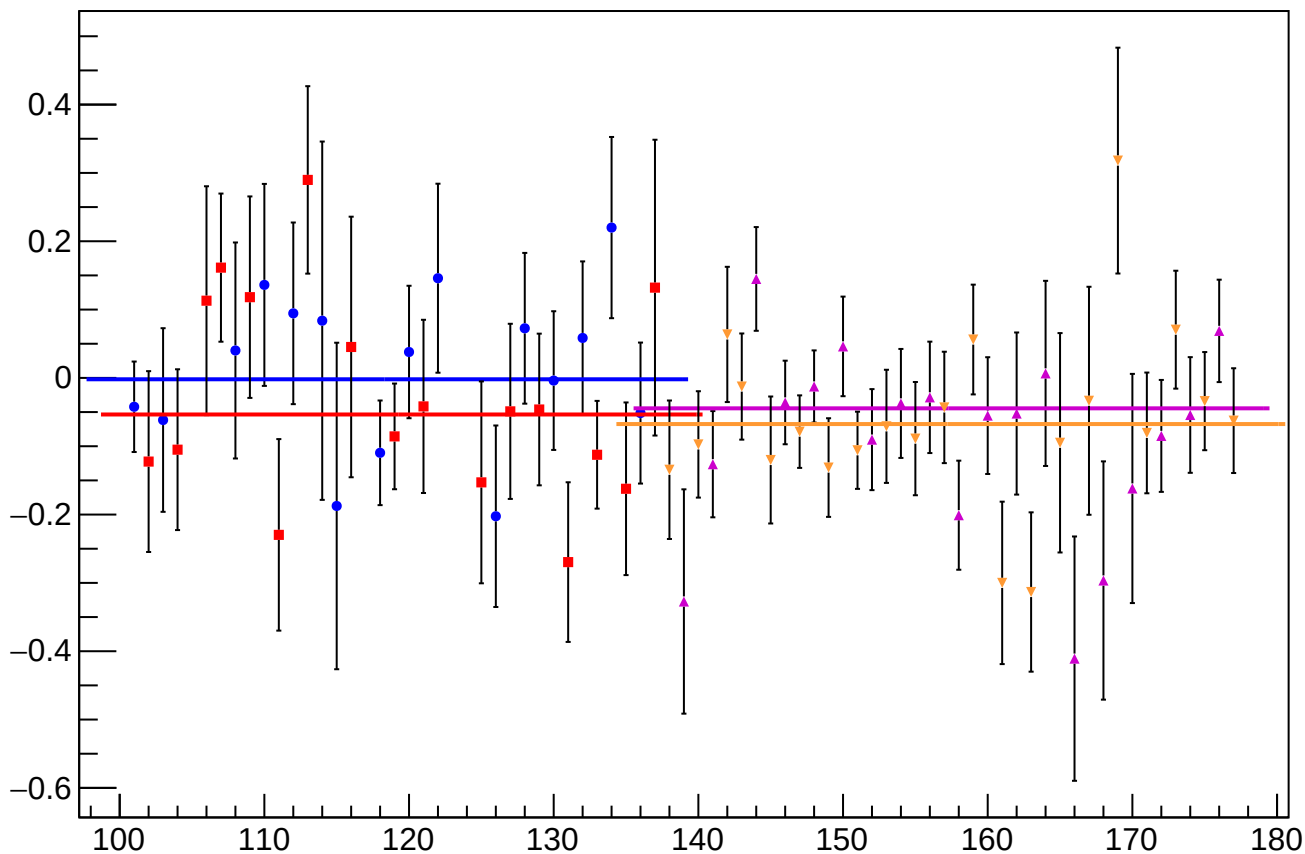
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.026 χ^2 /NDF:27.8/18

Out: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

All: -0.042 $\pm$ 0.018 χ^2 /NDF: 66.3/39

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.018 χ^2/NDF : 23.6/20

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.045 ± 0.019 χ^2/NDF : 26.0/18

Left: -0.057 ± 0.013 χ^2/NDF : 50.3/39

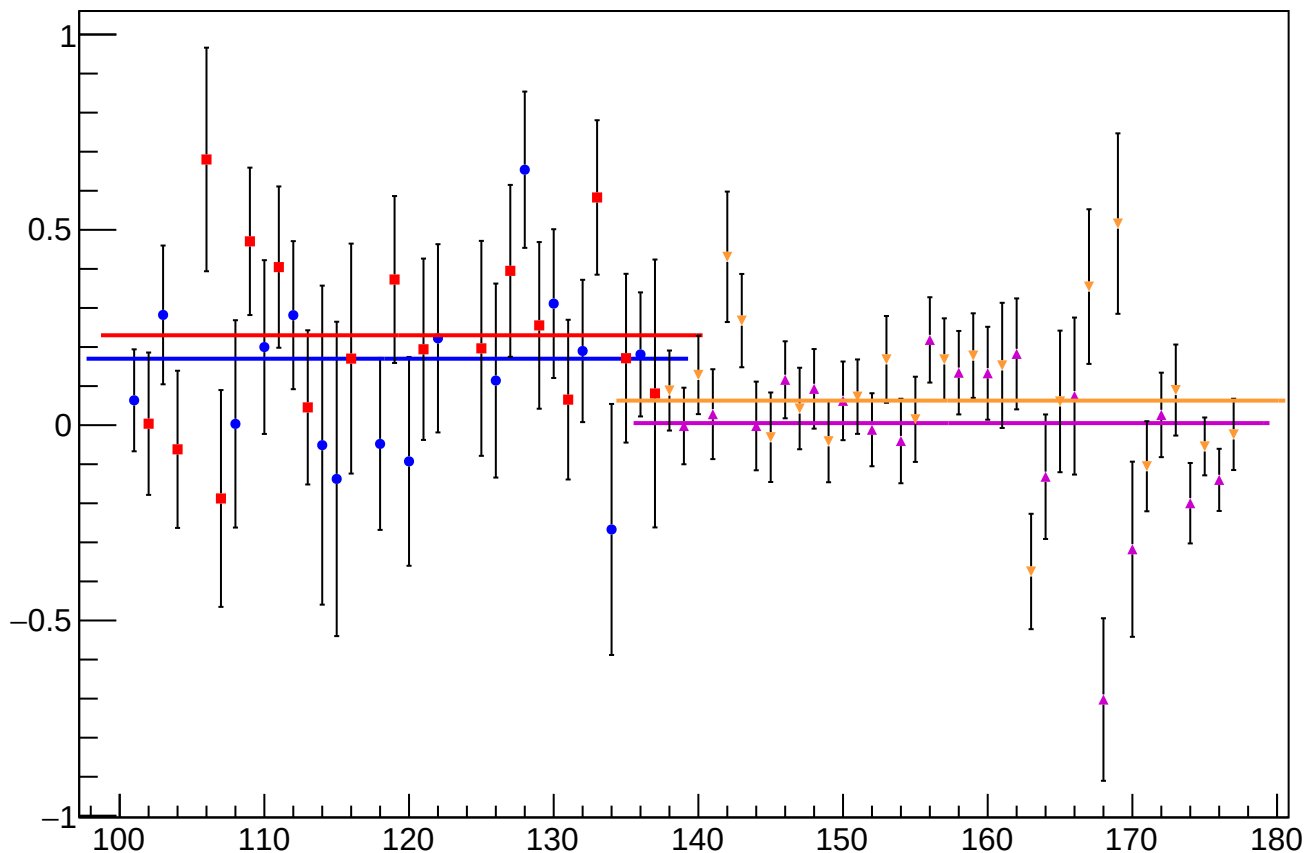
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.031 ± 0.016 χ^2/NDF : 39.6/34

Out: -0.064 ± 0.016 χ^2/NDF : 44.7/37

All: -0.048 ± 0.011 χ^2/NDF : 86.4/72

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.063 $\pm$ 0.025 χ^2 /NDF:33.9/20

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.005 $\pm$ 0.026 χ^2 /NDF:32.4/18

Left: 0.035 $\pm$ 0.018 χ^2 /NDF: 68.9/39

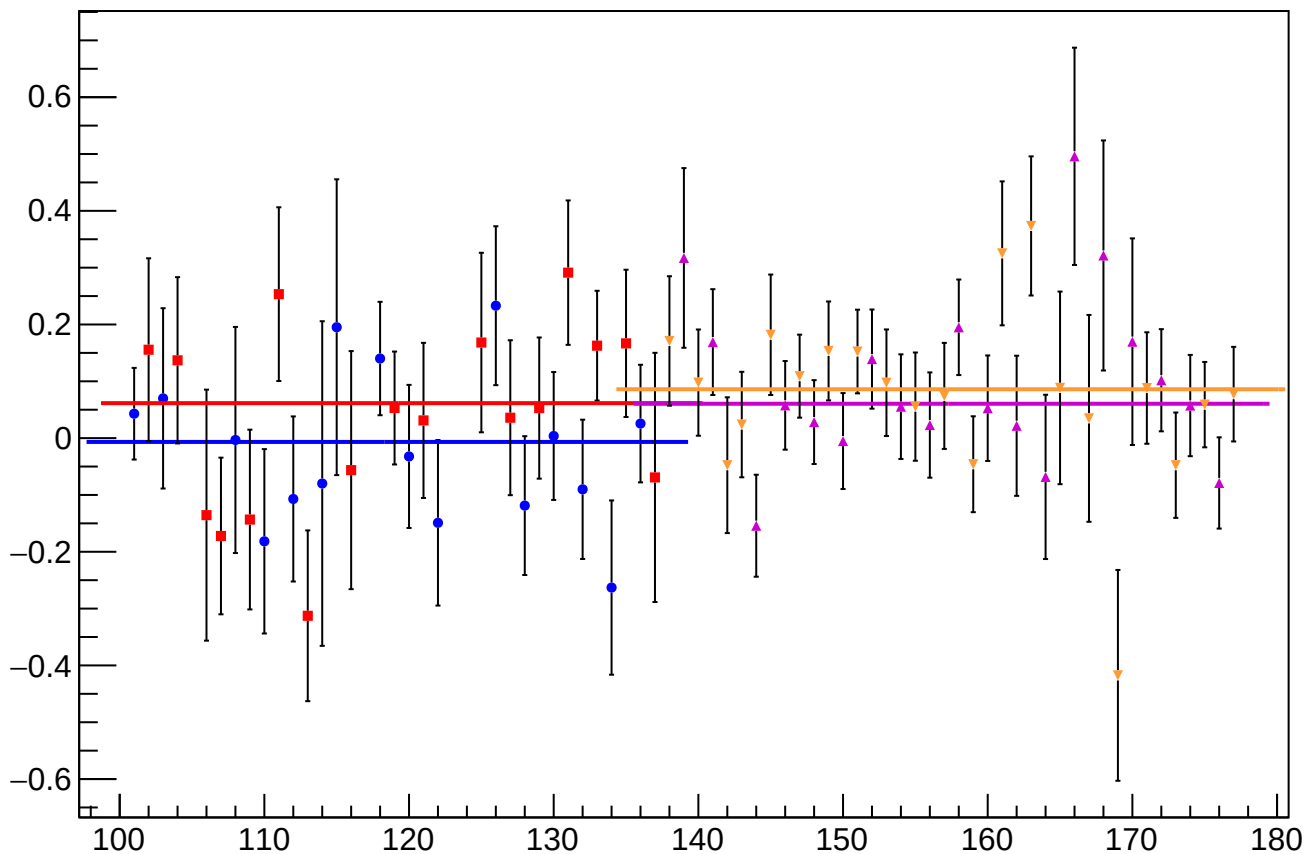
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.038 $\pm$ 0.023 χ^2 /NDF:53.4/34

Out: 0.092 $\pm$ 0.023 χ^2 /NDF:58.7/37

All: 0.066 $\pm$ 0.016 χ^2 /NDF: 114.9/72

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.086 ± 0.021 χ^2/NDF : 25.9/20

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.061 ± 0.022 χ^2/NDF : 25.4/18

Left: 0.074 ± 0.015 χ^2/NDF : 52.0/39

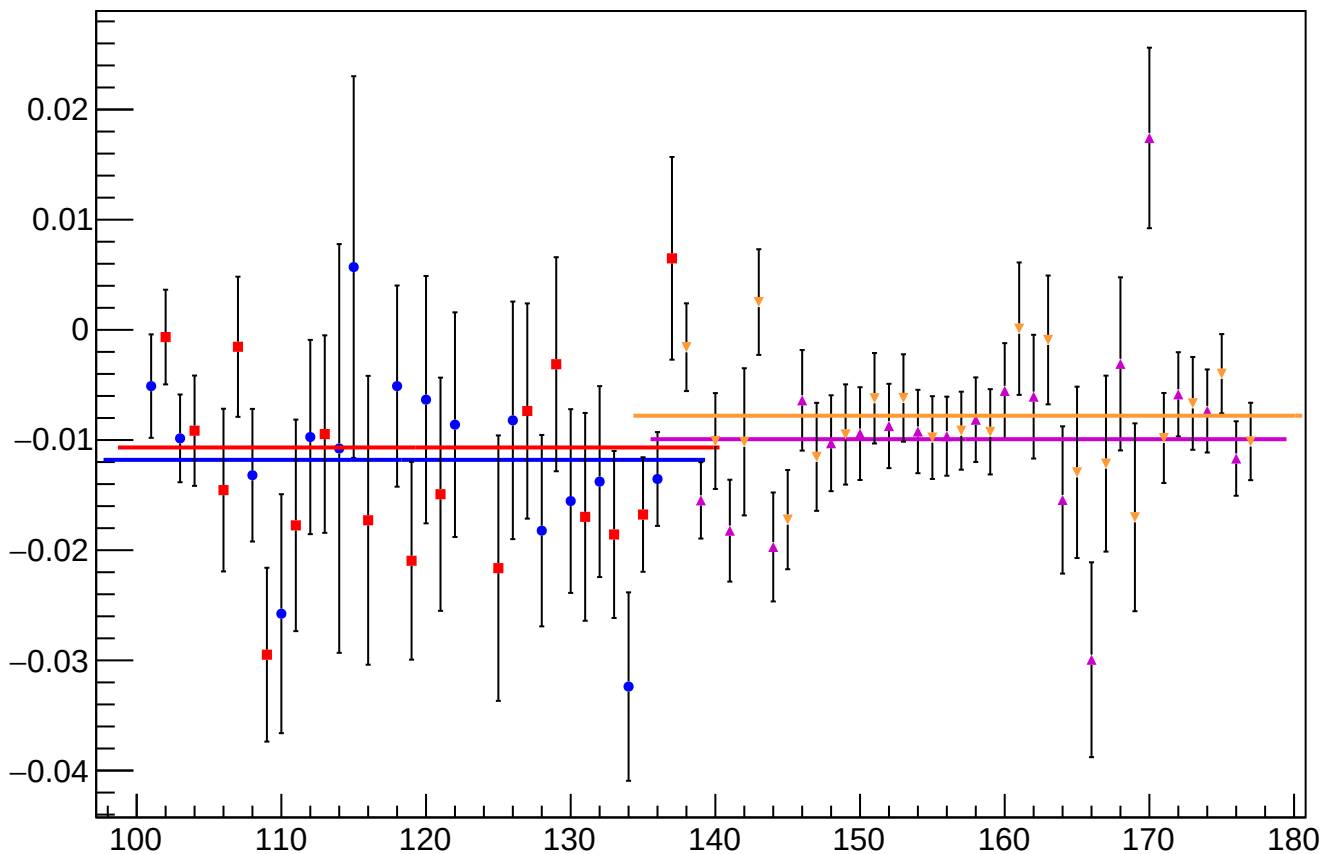
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.039 ± 0.018 χ^2/NDF : 41.5/34

Out: 0.079 ± 0.018 χ^2/NDF : 46.3/37

All: 0.060 ± 0.013 χ^2/NDF : 90.2/72

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 : 20.4/20

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 ± 0.001 χ^2/NDF : 31.7/18

Left: -0.009 ± 0.001 χ^2/NDF : 54.4/39

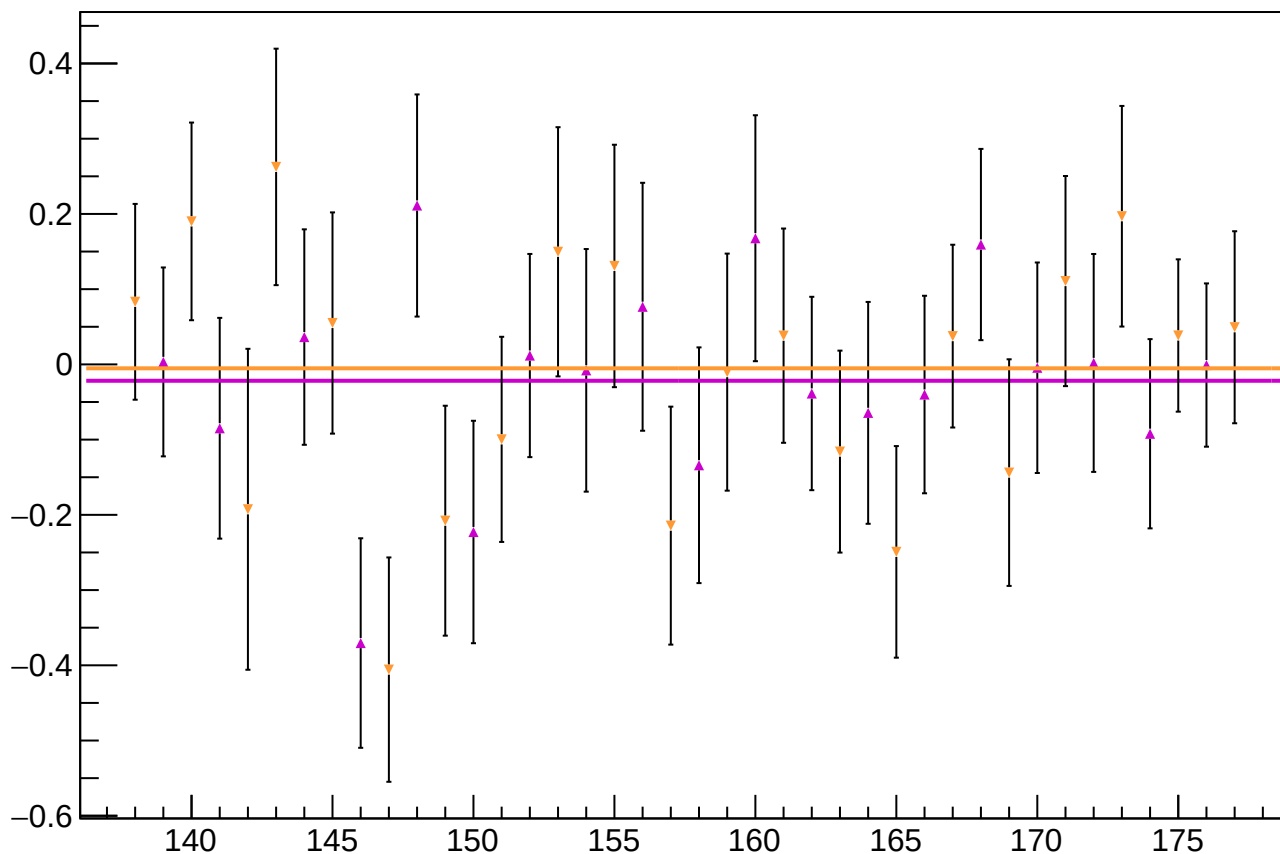
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.010 ± 0.001 χ^2/NDF : 45.4/34

Out: -0.008 ± 0.001 χ^2/NDF : 46.1/37

All: -0.009 ± 0.001 χ^2/NDF : 93.9/72

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: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Left: -0.013 $\pm$ 0.022 χ^2 /NDF: 43.0/39

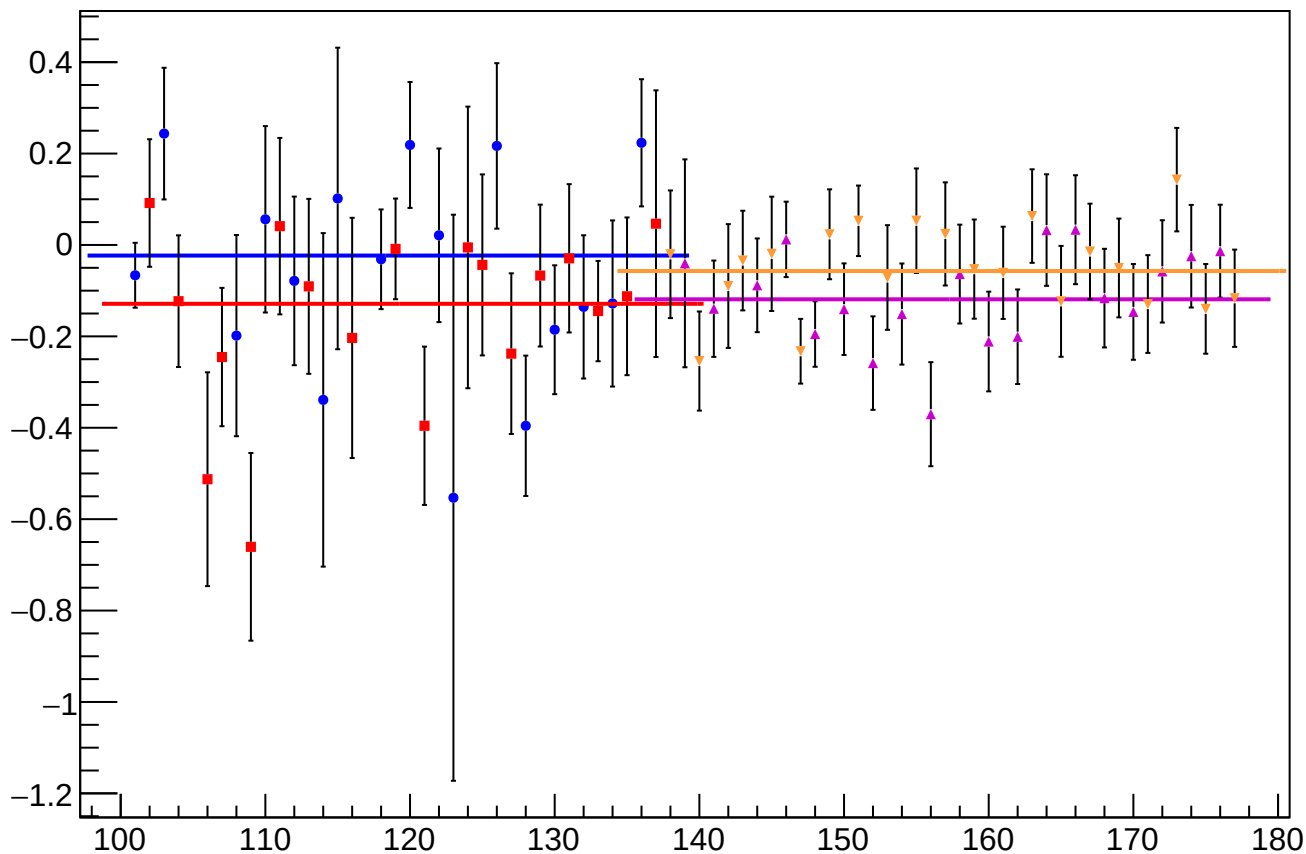
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.022 $\pm$ 0.032 χ^2 /NDF:15.8/18

Out: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

All: -0.013 $\pm$ 0.022 χ^2 /NDF: 43.0/39

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.057 ± 0.023 χ^2/NDF : 20.3/20

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.119 ± 0.024 χ^2/NDF : 17.7/18

Left: -0.086 ± 0.017 χ^2/NDF : 41.5/39

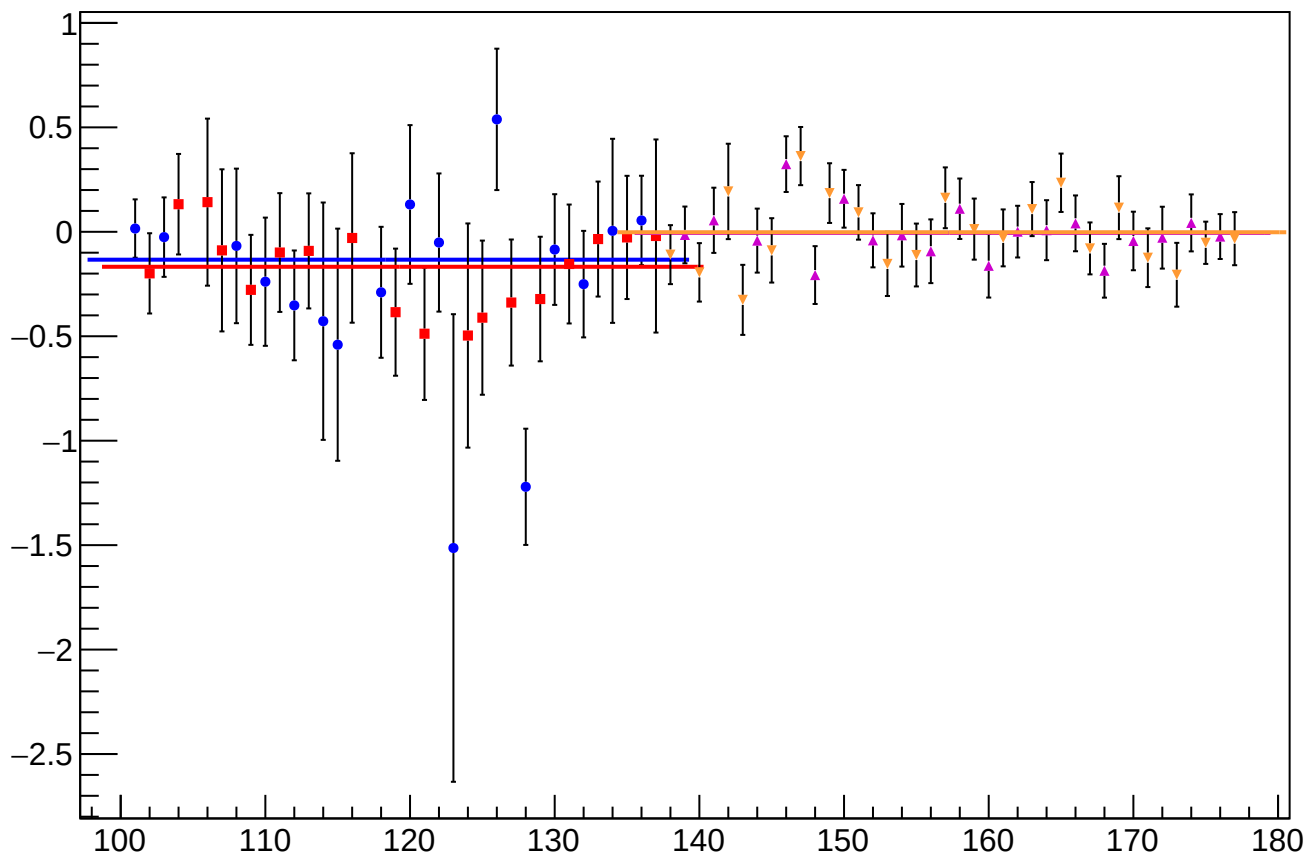
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.090 ± 0.020 χ^2/NDF : 44.9/35

Out: -0.075 ± 0.020 χ^2/NDF : 41.4/38

All: -0.082 ± 0.014 χ^2/NDF : 86.6/74

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: -0.002 ± 0.031 $\chi^2/\text{NDF}: 26.6/20$

Right Out: -0.167 ± 0.071 $\chi^2/\text{NDF}: 6.1/17$

Left In: -0.005 ± 0.032 $\chi^2/\text{NDF}: 14.3/18$

Left: -0.004 ± 0.022 $\chi^2/\text{NDF}: 40.9/39$

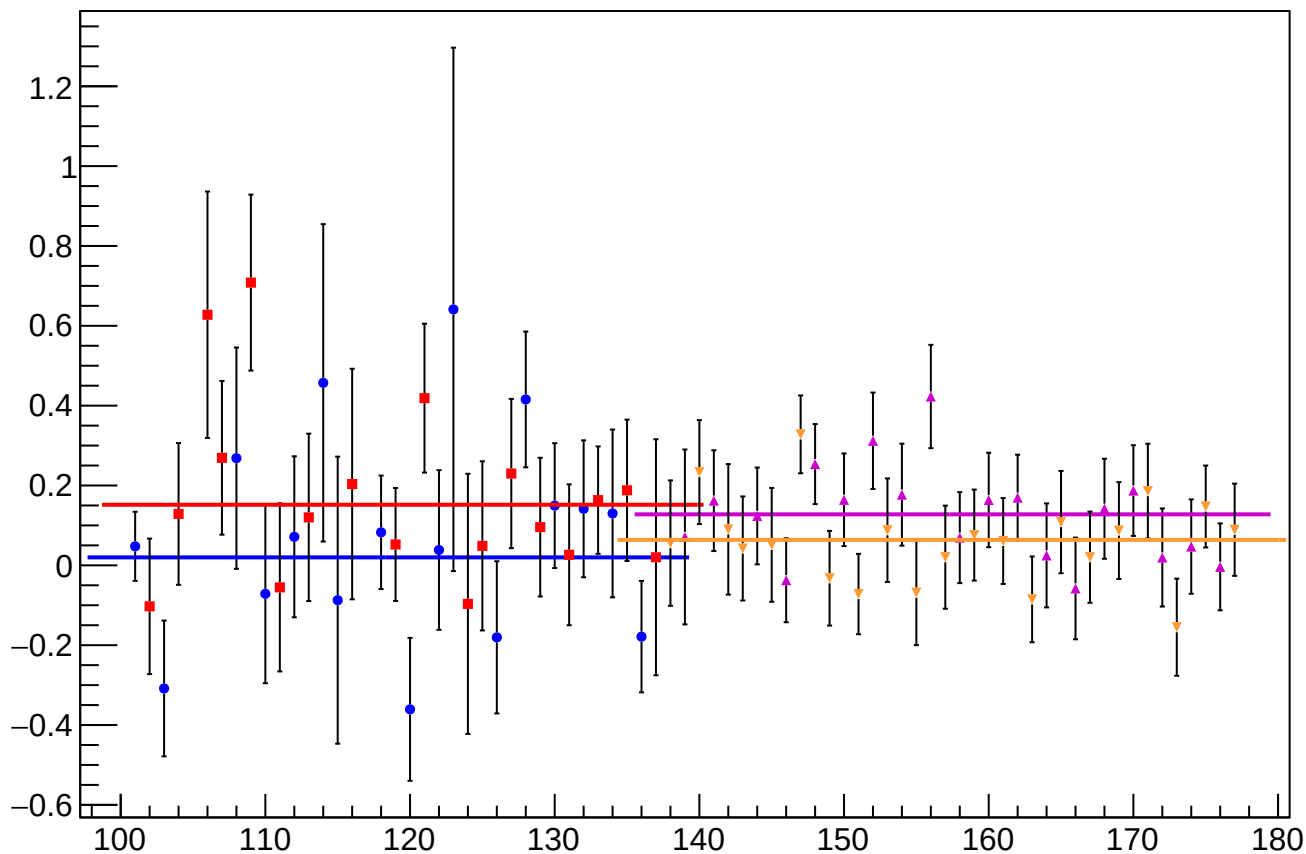
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.029 ± 0.029 $\chi^2/\text{NDF}: 43.1/35$

Out: -0.028 ± 0.028 $\chi^2/\text{NDF}: 37.3/38$

All: -0.028 ± 0.020 $\chi^2/\text{NDF}: 80.4/74$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.064 $\pm$ 0.026 χ^2/NDF : 20.0/20

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.128 $\pm$ 0.027 χ^2/NDF : 18.2/18

Left: 0.094 $\pm$ 0.019 χ^2/NDF : 41.0/39

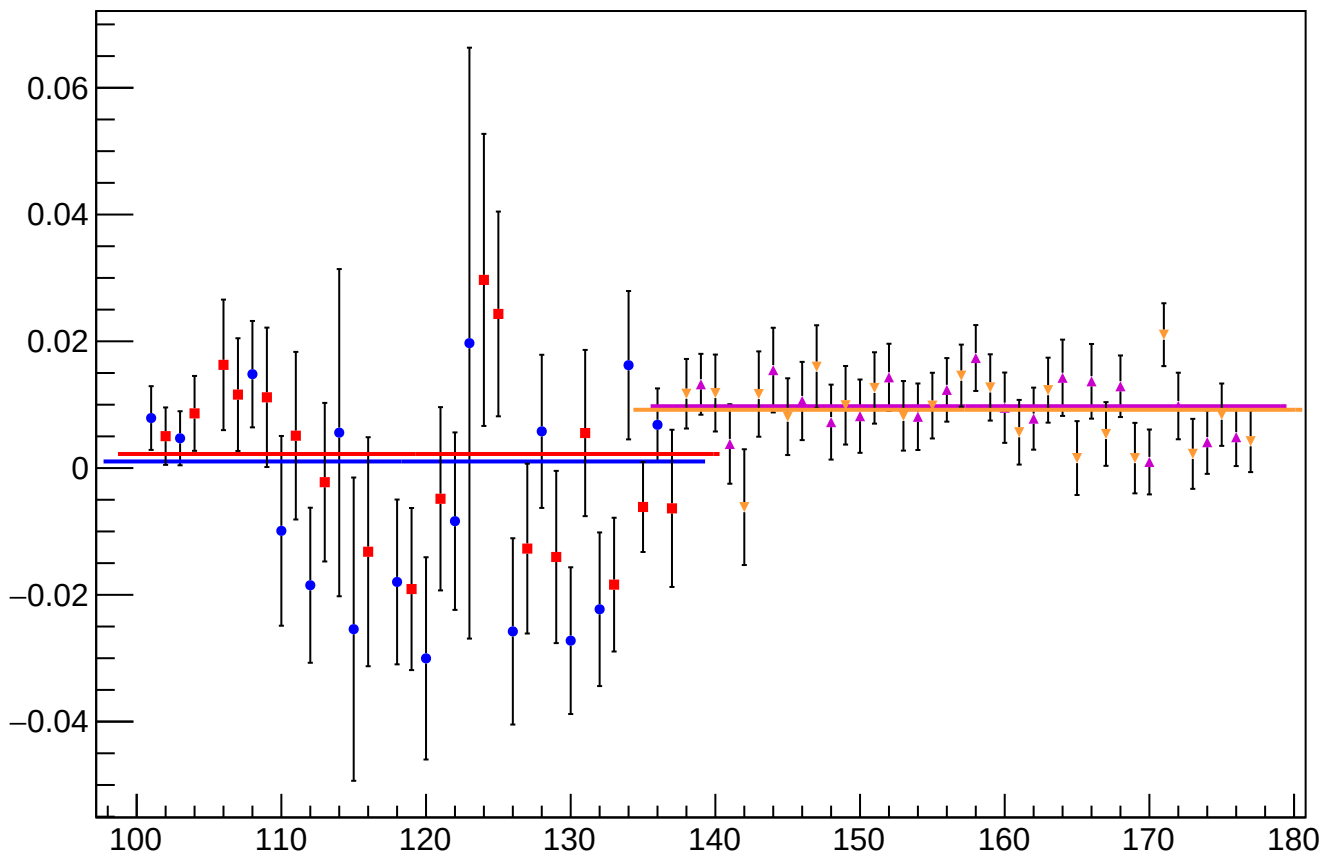
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.096 $\pm$ 0.023 χ^2/NDF : 44.6/35

Out: 0.086 $\pm$ 0.023 χ^2/NDF : 39.6/38

All: 0.091 $\pm$ 0.016 χ^2/NDF : 84.3/74

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF:19.9/20

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:12.6/18

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 32.7/39

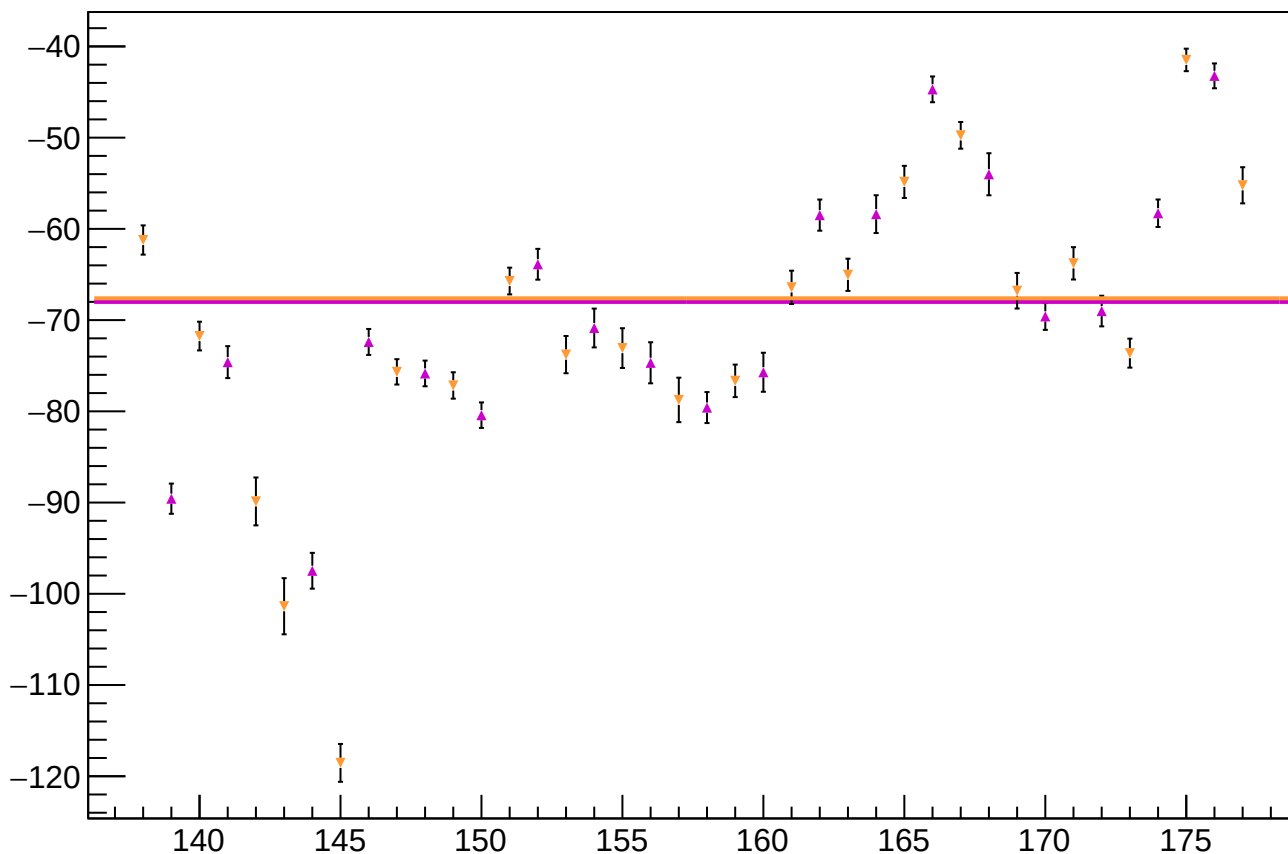
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:56.4/35

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:48.1/38

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 104.5/74

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: -67.610+/-0.379 χ^2/NDF :1668.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Left: -67.806+/-0.269 χ^2/NDF : 3009.2/39

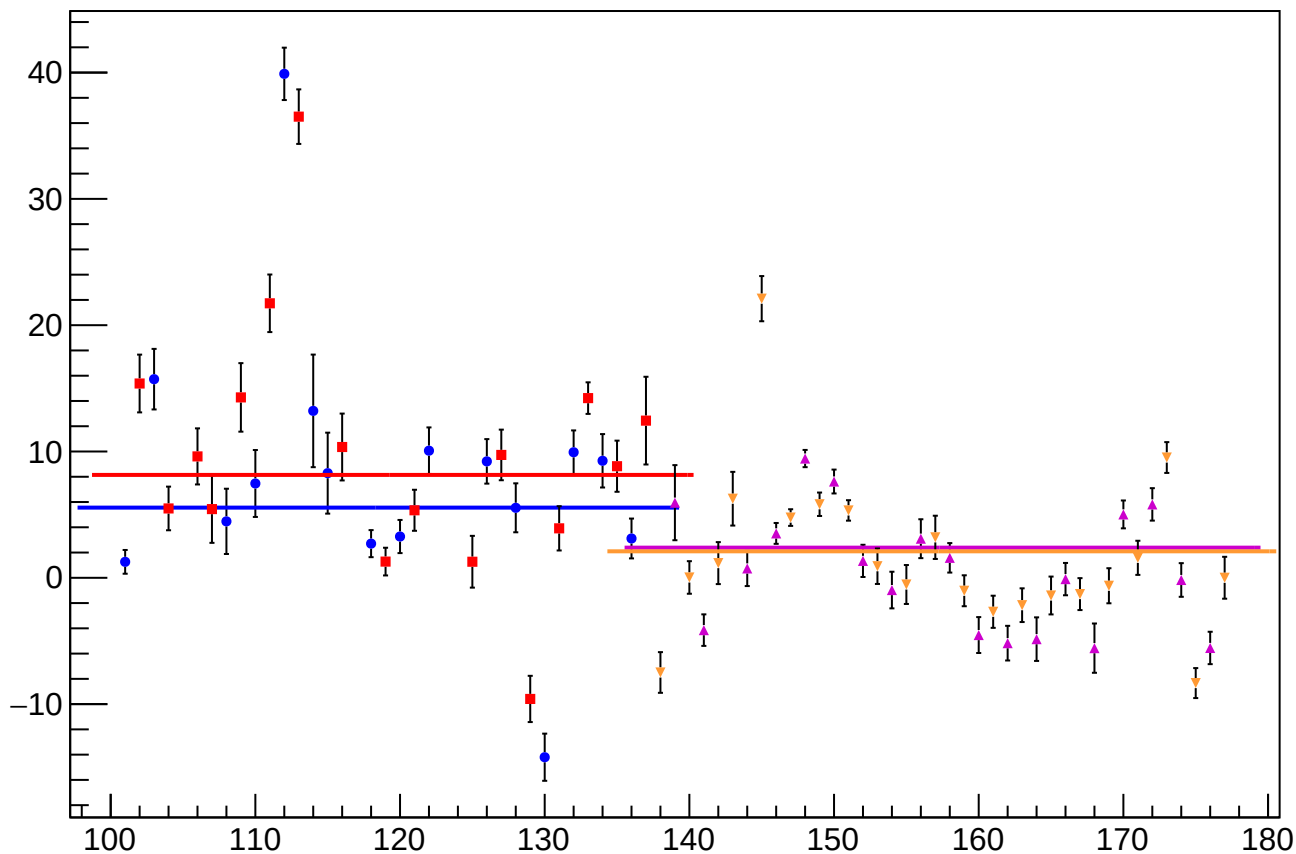
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.005+/-0.382 χ^2/NDF :1339.8/18

Out: -67.610+/-0.379 χ^2/NDF :1668.9/20

All: -67.806+/-0.269 χ^2/NDF : 3009.2/39

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: 2.097 ± 0.269 $\chi^2/\text{NDF}: 383.2/20$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.388 ± 0.276 $\chi^2/\text{NDF}: 323.5/18$

Left: 2.238 ± 0.193 $\chi^2/\text{NDF}: 707.3/39$

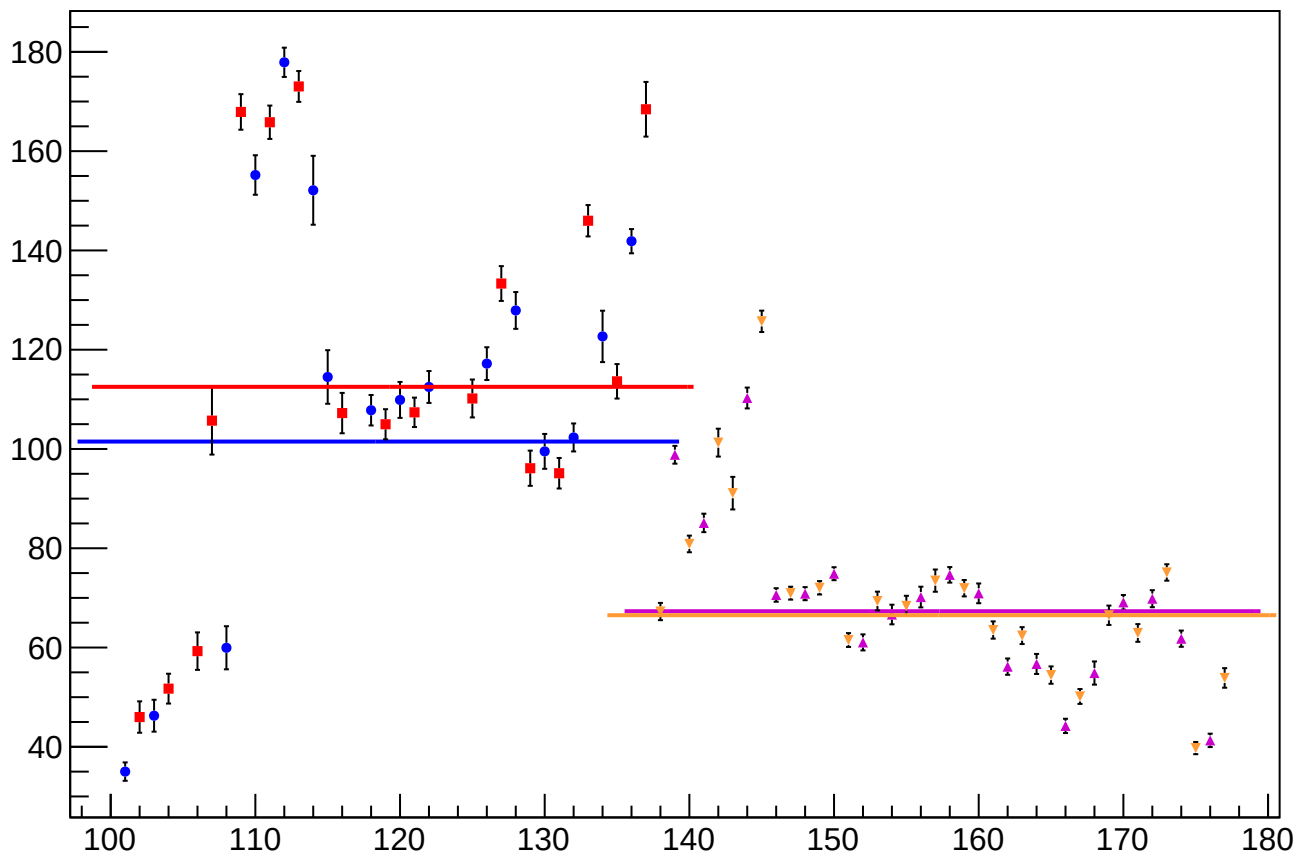
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.333 ± 0.232 $\chi^2/\text{NDF}: 824.7/34$

Out: 3.663 ± 0.231 $\chi^2/\text{NDF}: 921.4/37$

All: 3.498 ± 0.164 $\chi^2/\text{NDF}: 1747.0/72$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 66.514 $\pm$ 0.374 χ^2 /NDF:1823.1/20

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 67.315 $\pm$ 0.376 χ^2 /NDF:1654.8/18

Left: 66.911 $\pm$ 0.265 χ^2 /NDF: 3480.2/39

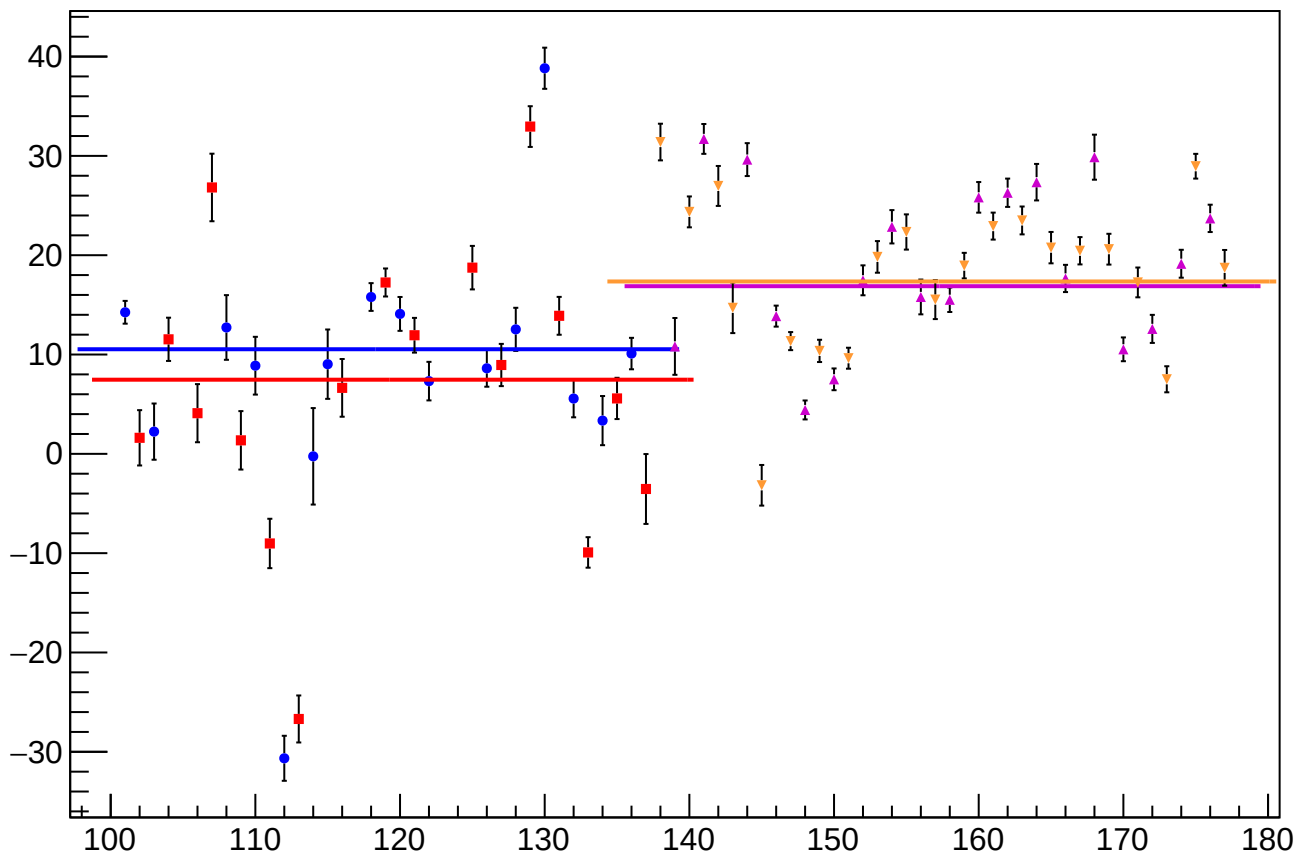
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 73.409 $\pm$ 0.341 χ^2 /NDF:6097.3/34

Out: 74.063 $\pm$ 0.342 χ^2 /NDF:6548.5/37

All: 73.736 $\pm$ 0.241 χ^2 /NDF: 12647.7/72

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: 17.356 $\pm$ 0.313 χ^2/NDF : 545.3/20

Right Out: 7.466 $\pm$ 0.525 χ^2/NDF : 685.0/16

Left In: 16.880 $\pm$ 0.321 χ^2/NDF : 635.2/18

Left: 17.124 $\pm$ 0.224 χ^2/NDF : 1181.6/39

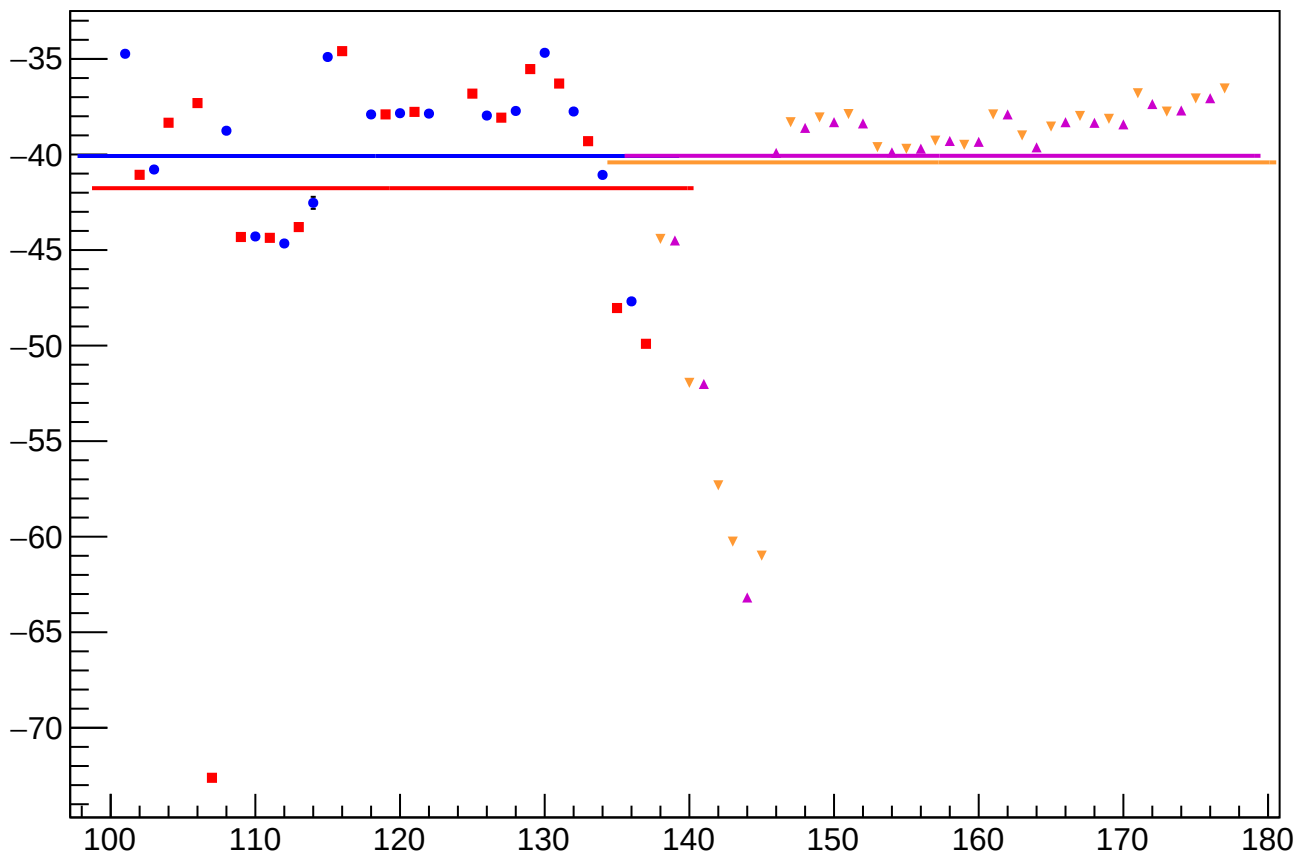
Right: 9.096 $\pm$ 0.359 χ^2/NDF : 1283.4/32

In: 14.989 $\pm$ 0.269 χ^2/NDF : 1332.0/34

Out: 14.762 $\pm$ 0.269 χ^2/NDF : 1492.0/37

All: 14.876 $\pm$ 0.190 χ^2/NDF : 2824.4/72

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: -40.413 ± 0.015 χ^2/NDF : 152583.5/20

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -40.069 ± 0.015 χ^2/NDF : 104910.1/18

Left: -40.240 ± 0.011 χ^2/NDF : 257758.8/39

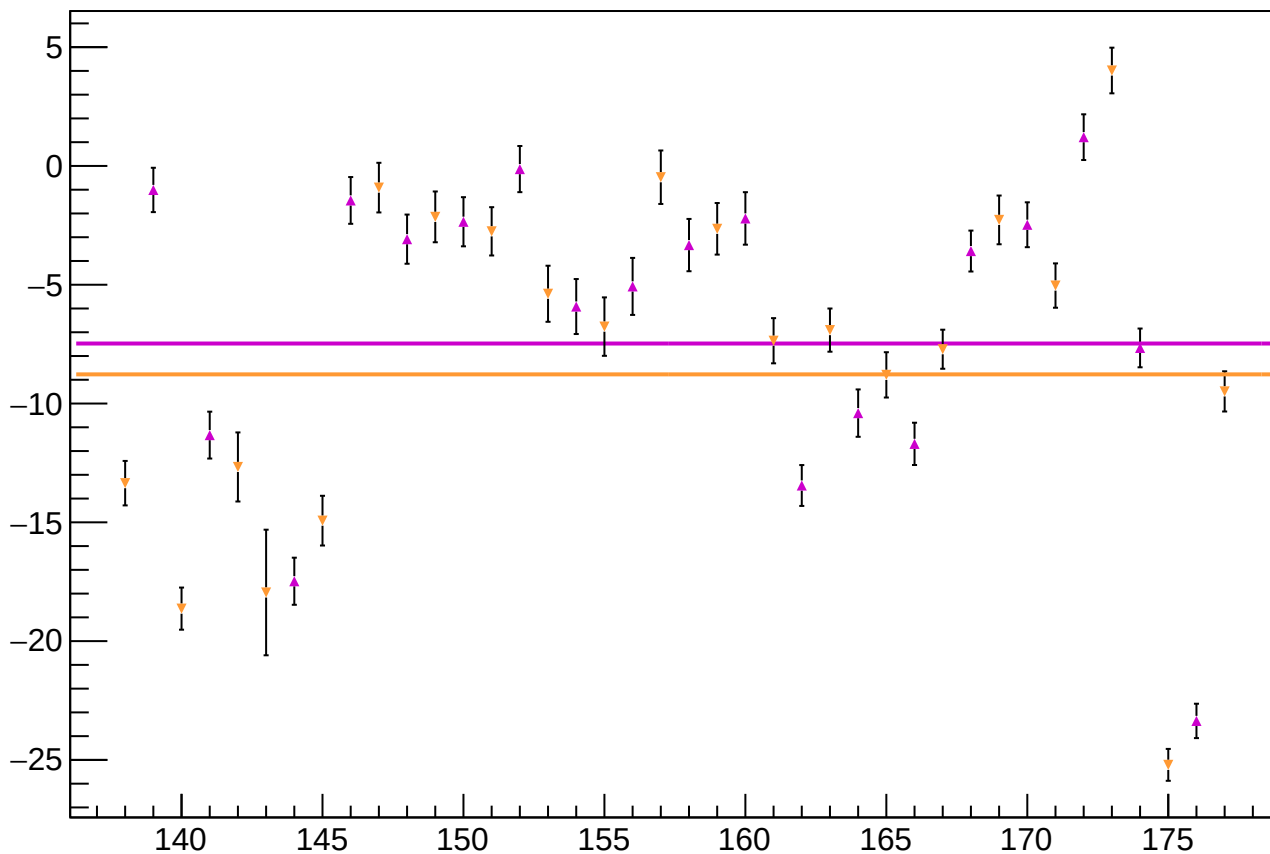
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -40.071 ± 0.013 χ^2/NDF : 130057.1/34

Out: -40.699 ± 0.013 χ^2/NDF : 214559.6/37

All: -40.383 ± 0.009 χ^2/NDF : 345744.1/72

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.474 $\pm$ 0.219 χ^2 /NDF:1036.5/18

Left: -8.132 $\pm$ 0.154 χ^2 /NDF: 2324.9/39

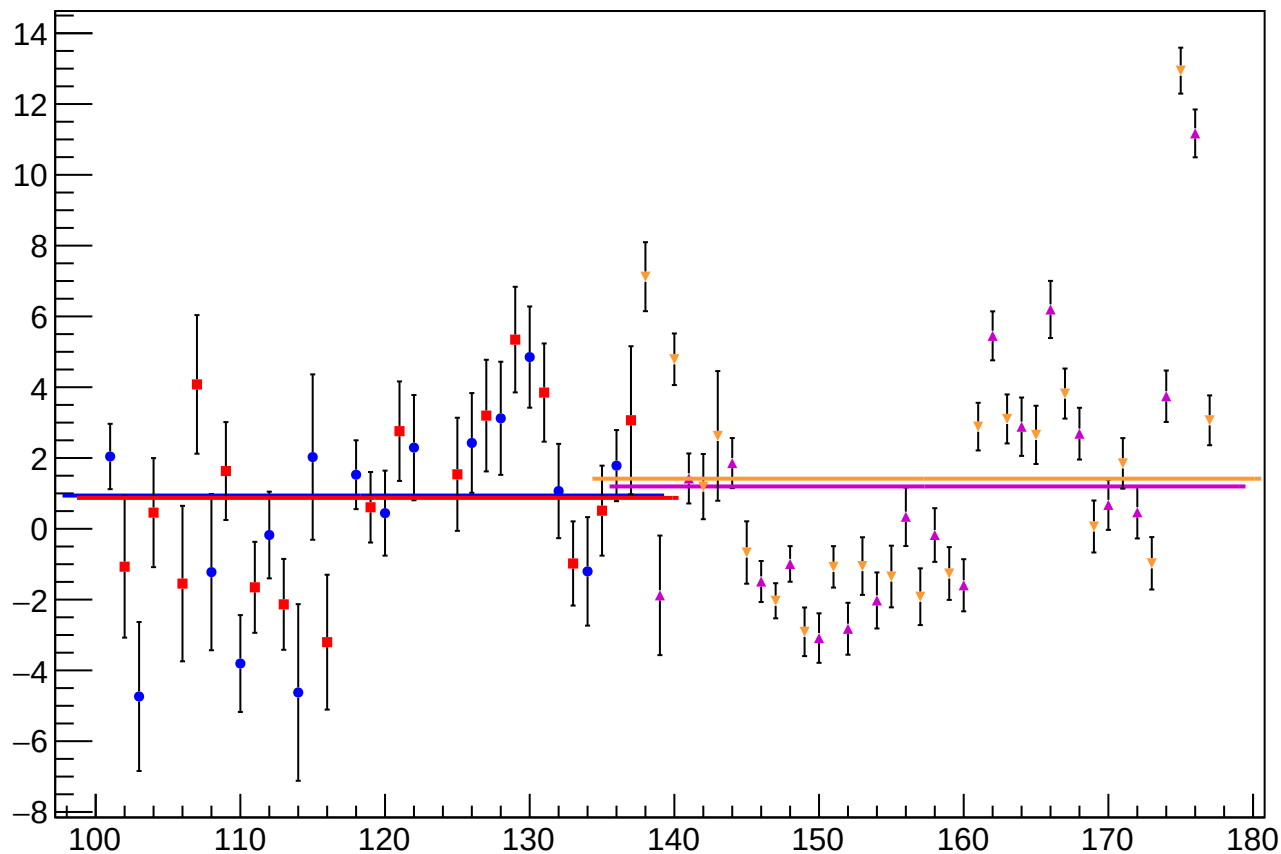
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.474 $\pm$ 0.219 χ^2 /NDF:1036.5/18

Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20

All: -8.132 $\pm$ 0.154 χ^2 /NDF: 2324.9/39

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.416 ± 0.161 $\chi^2/\text{NDF}: 577.2/20$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 1.196 ± 0.165 $\chi^2/\text{NDF}: 463.6/18$

Left: 1.309 ± 0.115 $\chi^2/\text{NDF}: 1041.7/39$

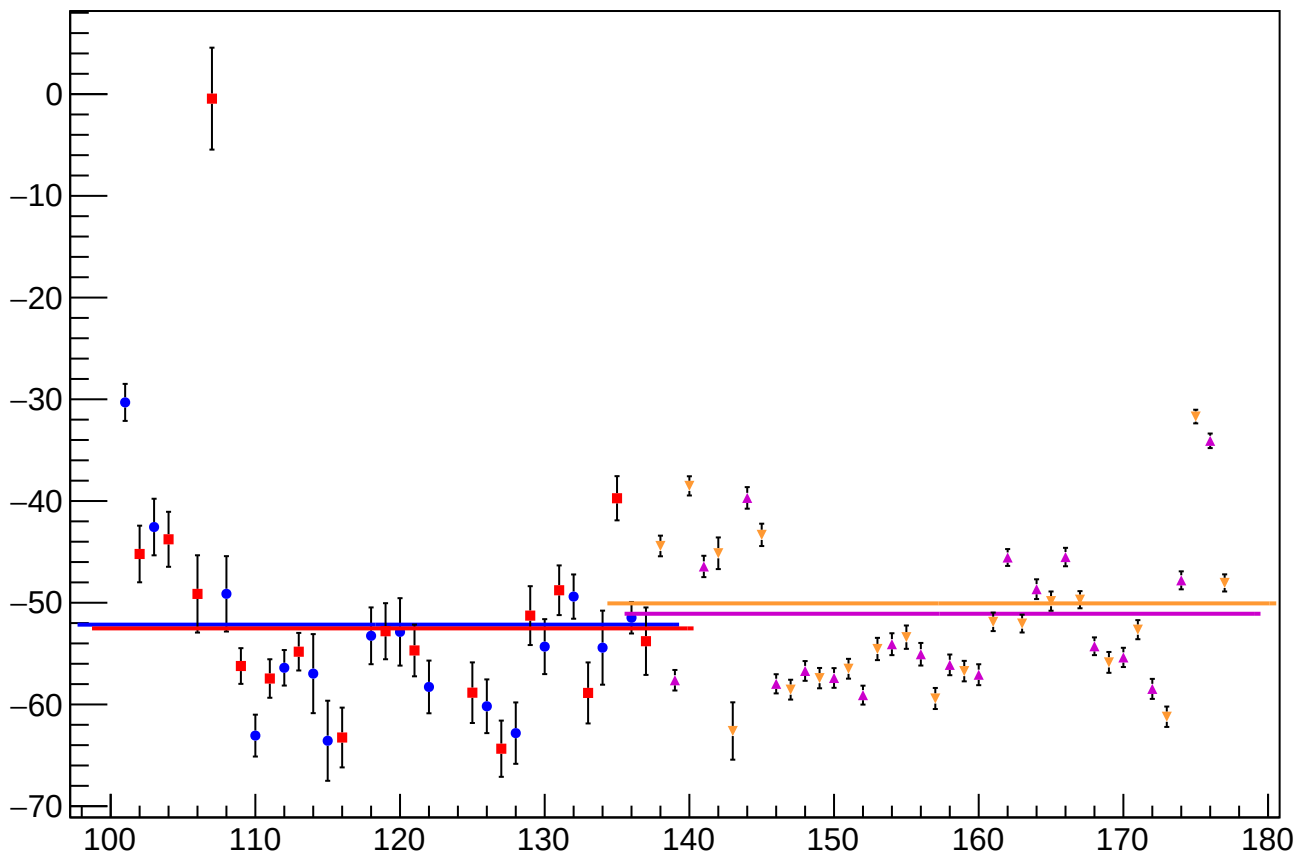
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 1.147 ± 0.148 $\chi^2/\text{NDF}: 506.2/34$

Out: 1.323 ± 0.146 $\chi^2/\text{NDF}: 619.7/37$

All: 1.237 ± 0.104 $\chi^2/\text{NDF}: 1126.7/72$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -50.566 ± 0.152 $\chi^2/\text{NDF}: 2727.1/39$

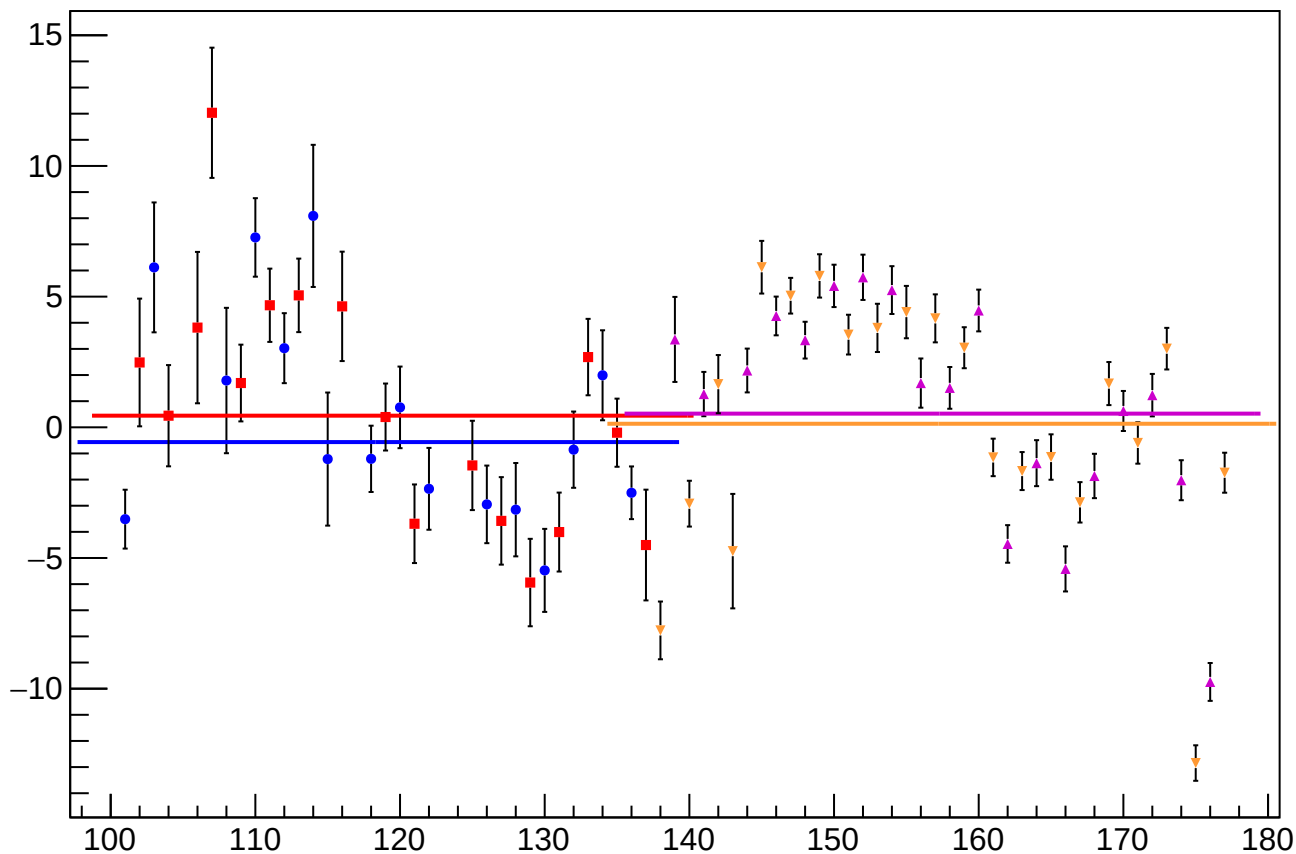
Right: -52.337 ± 0.435 $\chi^2/\text{NDF}: 449.0/32$

In: -51.203 ± 0.205 $\chi^2/\text{NDF}: 1449.5/34$

Out: -50.328 ± 0.202 $\chi^2/\text{NDF}: 1732.0/37$

All: -50.760 ± 0.144 $\chi^2/\text{NDF}: 3190.8/72$

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$

Left Out: 0.136 ± 0.183 $\chi^2/\text{NDF}: 706.0/20$

Right Out: 0.445 ± 0.400 $\chi^2/\text{NDF}: 94.1/16$

Left In: 0.523 ± 0.189 $\chi^2/\text{NDF}: 496.5/18$

Left: 0.324 ± 0.131 $\chi^2/\text{NDF}: 1204.6/39$

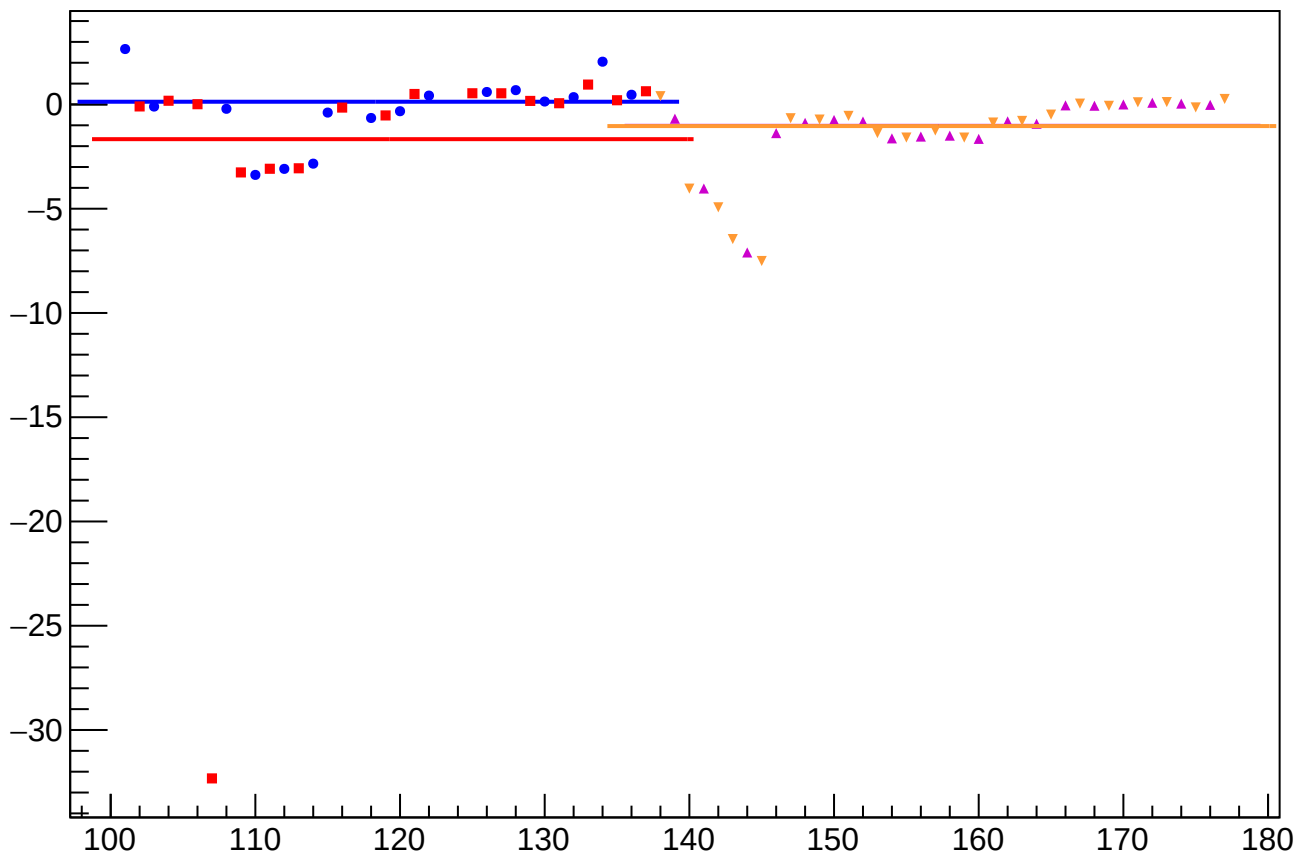
Right: -0.080 ± 0.277 $\chi^2/\text{NDF}: 179.3/32$

In: 0.312 ± 0.169 $\chi^2/\text{NDF}: 584.8/34$

Out: 0.190 ± 0.167 $\chi^2/\text{NDF}: 800.5/37$

All: 0.250 ± 0.119 $\chi^2/\text{NDF}: 1385.6/72$

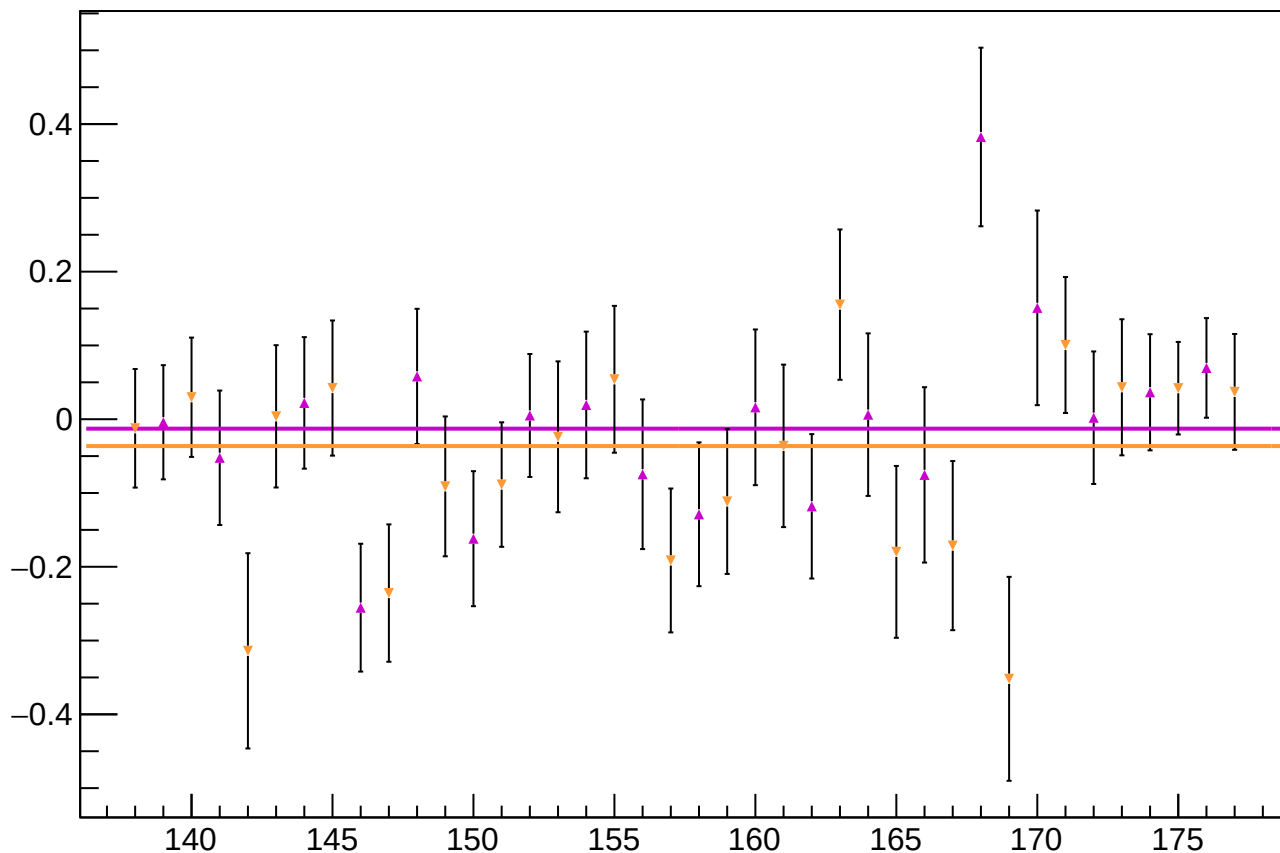
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.037 ± 0.008 $\chi^2/\text{NDF}: 42560.2/20$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.026 ± 0.008 $\chi^2/\text{NDF}: 28958.2/18$

Left: -1.031 ± 0.006 $\chi^2/\text{NDF}: 71519.2/39$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.870 ± 0.008 $\chi^2/\text{NDF}: 36689.3/34$
 Out: -1.118 ± 0.008 $\chi^2/\text{NDF}: 120879.1/37$
 All: -0.994 ± 0.006 $\chi^2/\text{NDF}: 158062.8/72$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.013 $\pm$ 0.021 χ^2 /NDF:29.0/18

Left: -0.025 $\pm$ 0.015 χ^2 /NDF: 62.1/39

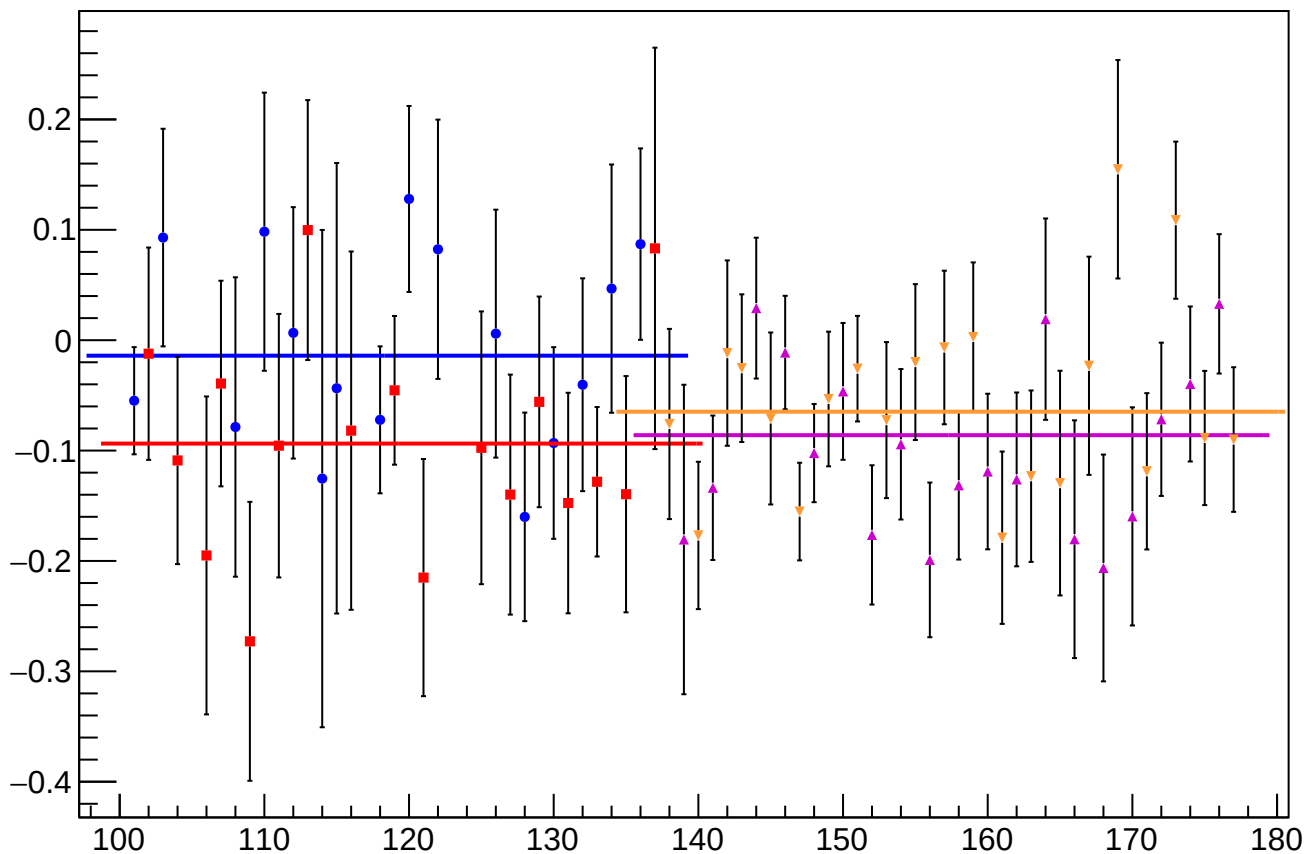
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.013 $\pm$ 0.021 χ^2 /NDF:29.0/18

Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/20

All: -0.025 $\pm$ 0.015 χ^2 /NDF: 62.1/39

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.065 ± 0.015 χ^2/NDF : 25.6/20

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.086 ± 0.016 χ^2/NDF : 20.6/18

Left: -0.075 ± 0.011 χ^2/NDF : 47.1/39

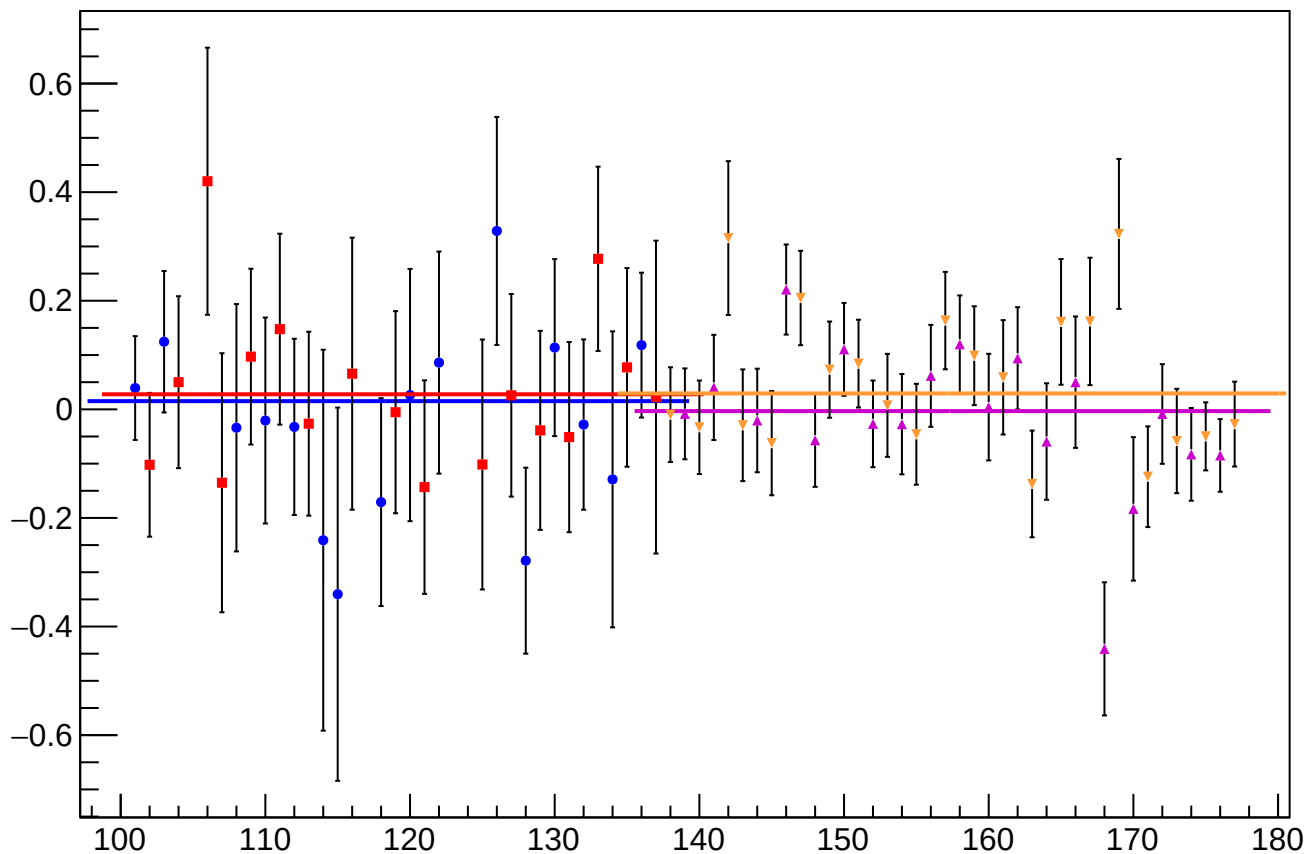
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.063 ± 0.013 χ^2/NDF : 39.6/34

Out: -0.073 ± 0.013 χ^2/NDF : 36.7/37

All: -0.068 ± 0.009 χ^2/NDF : 76.6/72

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: 0.029 $\pm$ 0.020 χ^2 /NDF:30.1/20

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: -0.003 $\pm$ 0.021 χ^2 /NDF:30.7/18

Left: 0.014 $\pm$ 0.015 χ^2 /NDF: 62.0/39

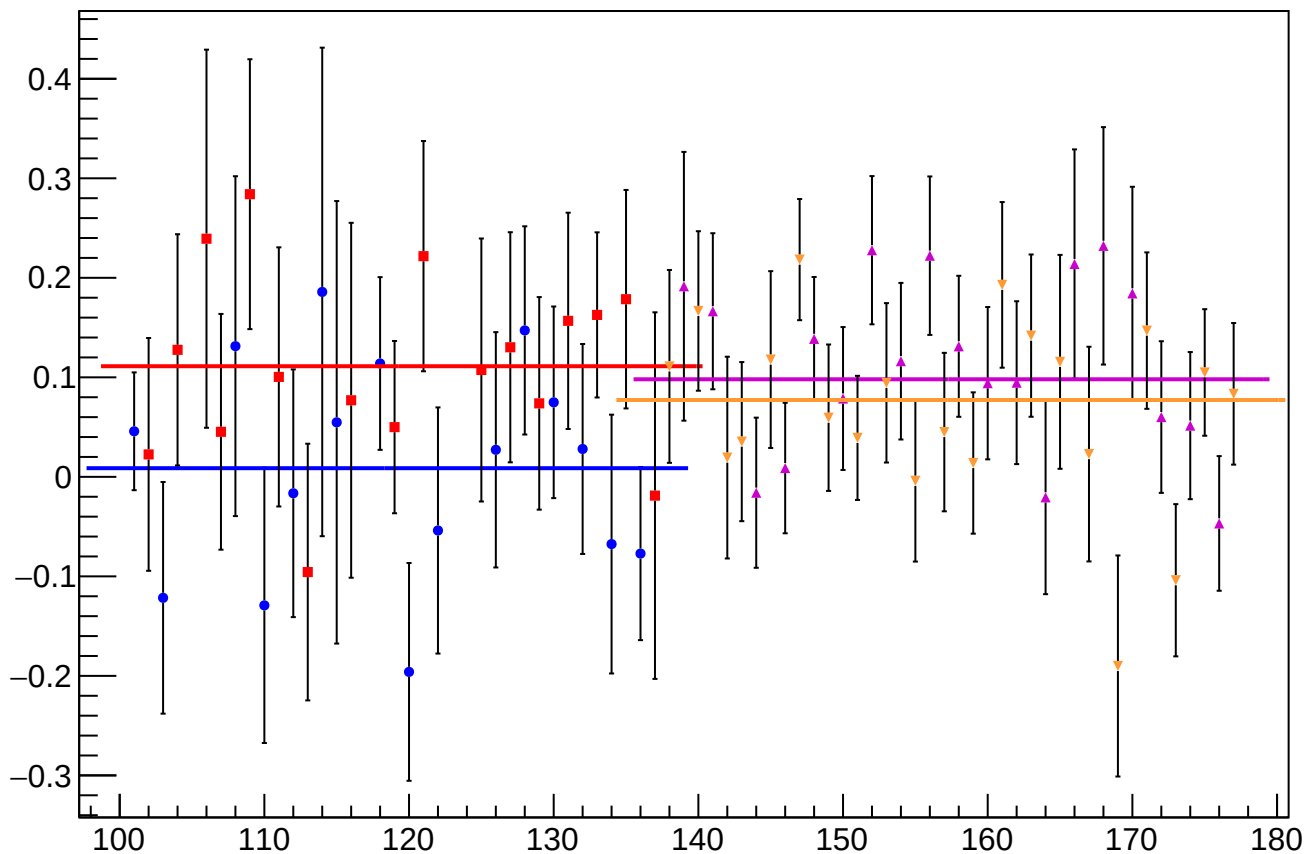
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.000 $\pm$ 0.019 χ^2 /NDF:40.9/34

Out: 0.029 $\pm$ 0.018 χ^2 /NDF:38.5/37

All: 0.015 $\pm$ 0.013 χ^2 /NDF: 80.7/72

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 χ^2/NDF : 12.6/15

Left Out: 0.077 ± 0.017 χ^2/NDF : 25.3/20

Right Out: 0.111 ± 0.029 χ^2/NDF : 8.6/16

Left In: 0.098 ± 0.018 χ^2/NDF : 21.3/18

Left: 0.087 ± 0.013 χ^2/NDF : 47.3/39

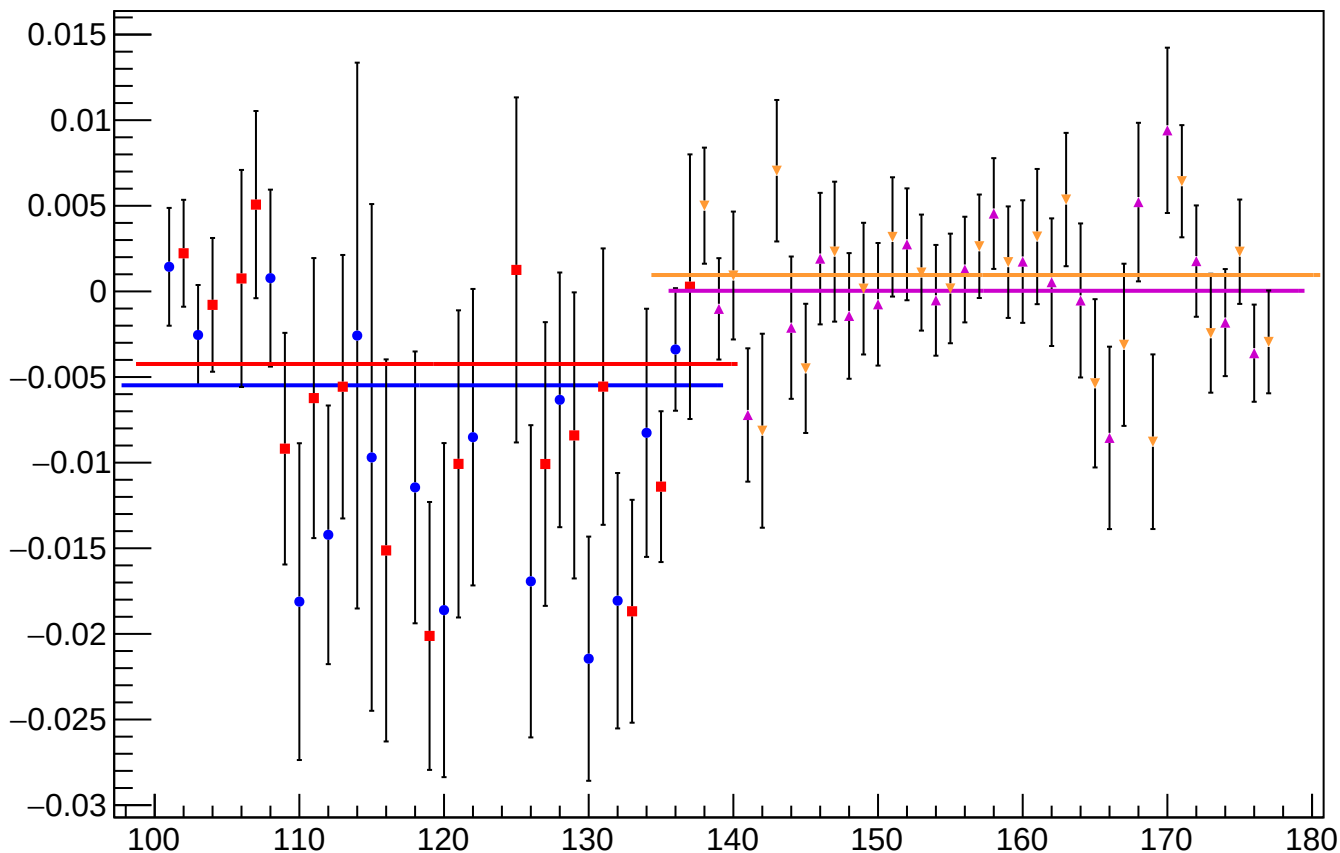
Right: 0.057 ± 0.020 χ^2/NDF : 28.0/32

In: 0.070 ± 0.015 χ^2/NDF : 41.4/34

Out: 0.086 ± 0.015 χ^2/NDF : 34.9/37

All: 0.078 ± 0.011 χ^2/NDF : 76.9/72

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 : 22.5/20

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 17.3/18

Left: 0.001 ± 0.001 χ^2/NDF : 40.5/39

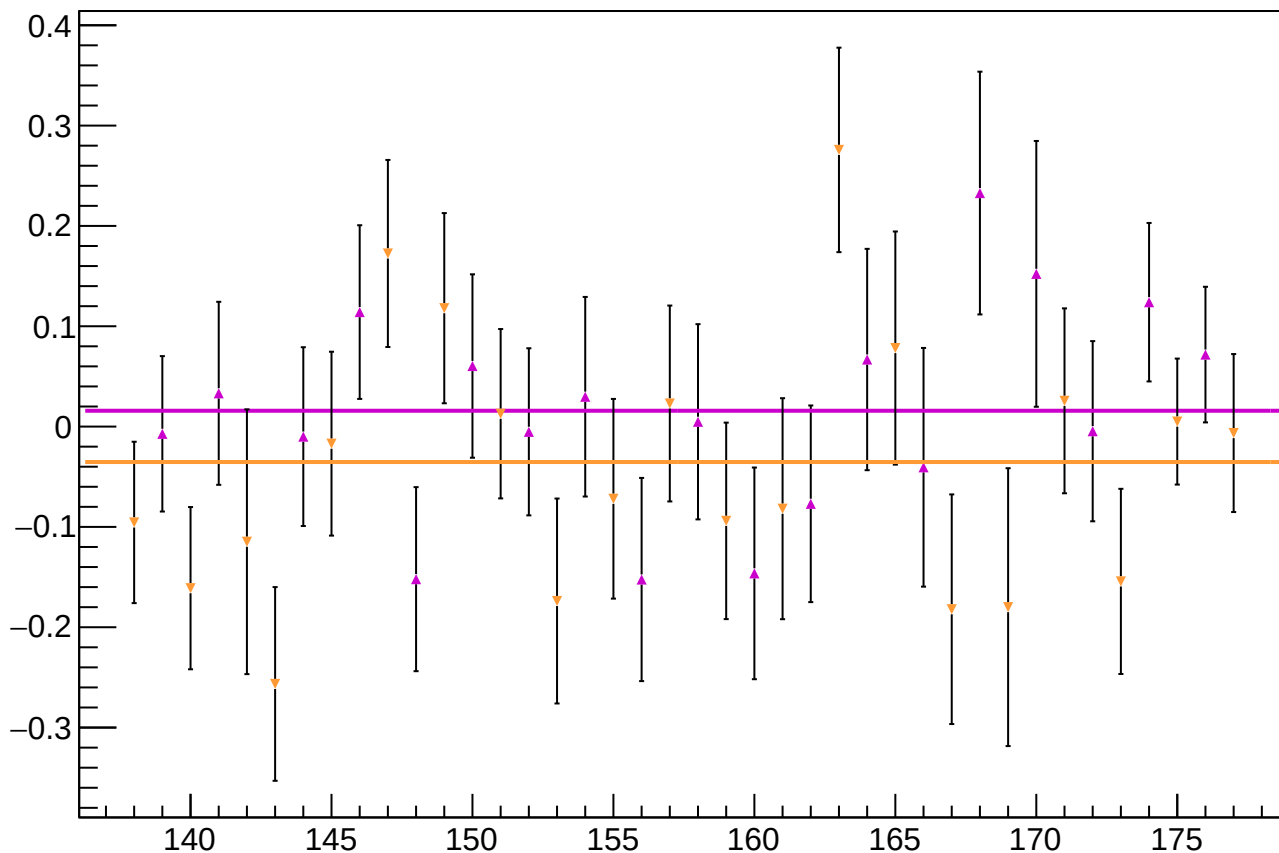
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 50.7/34

Out: -0.000 ± 0.001 χ^2/NDF : 55.9/37

All: -0.001 ± 0.000 χ^2/NDF : 107.7/72

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: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.016 $\pm$ 0.021 χ^2 /NDF:18.5/18

Left: -0.011 $\pm$ 0.015 χ^2 /NDF: 56.6/39

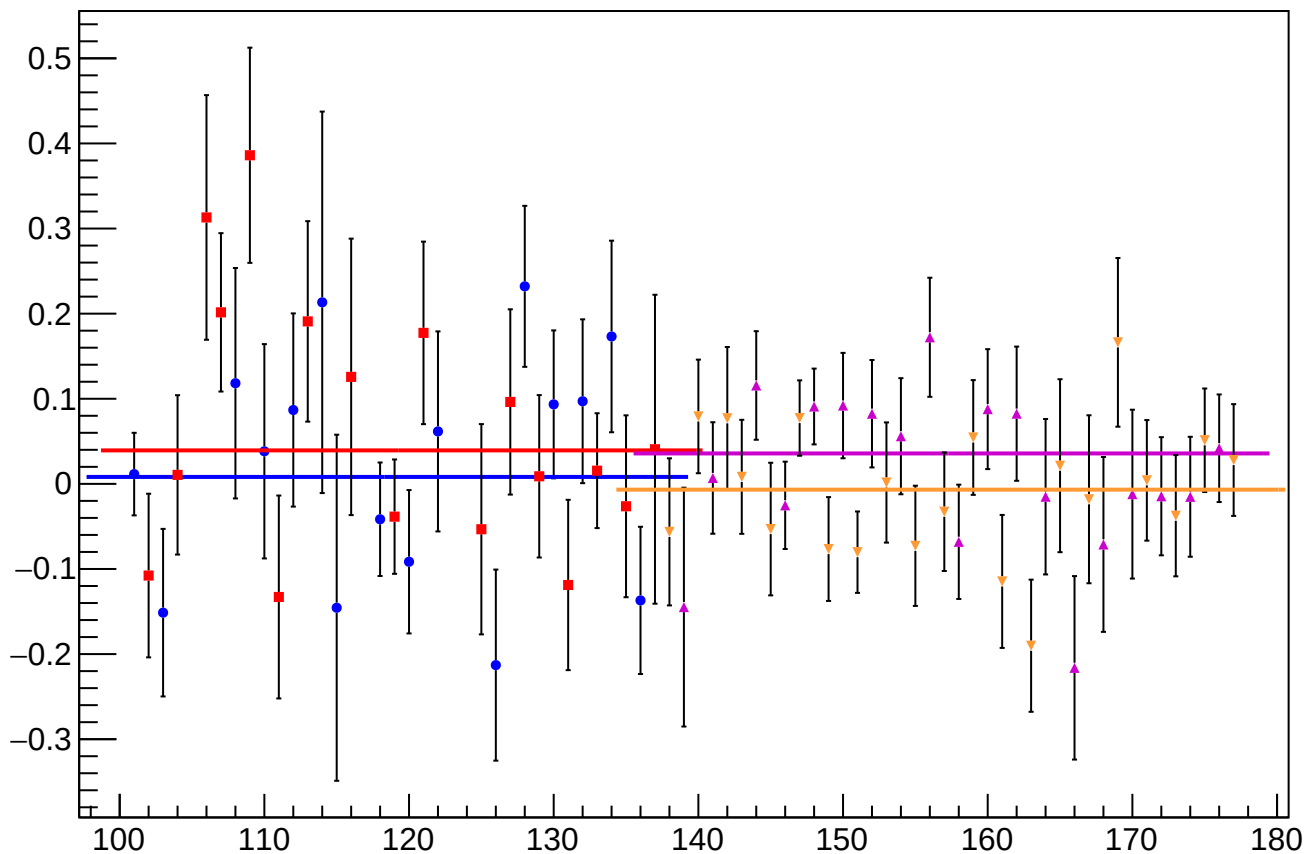
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.016 $\pm$ 0.021 χ^2 /NDF:18.5/18

Out: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

All: -0.011 $\pm$ 0.015 χ^2 /NDF: 56.6/39

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: -0.007 $\pm$ 0.015 χ^2 /NDF:24.6/20

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.036 $\pm$ 0.016 χ^2 /NDF:23.1/18

Left: 0.013 $\pm$ 0.011 χ^2 /NDF: 51.4/39

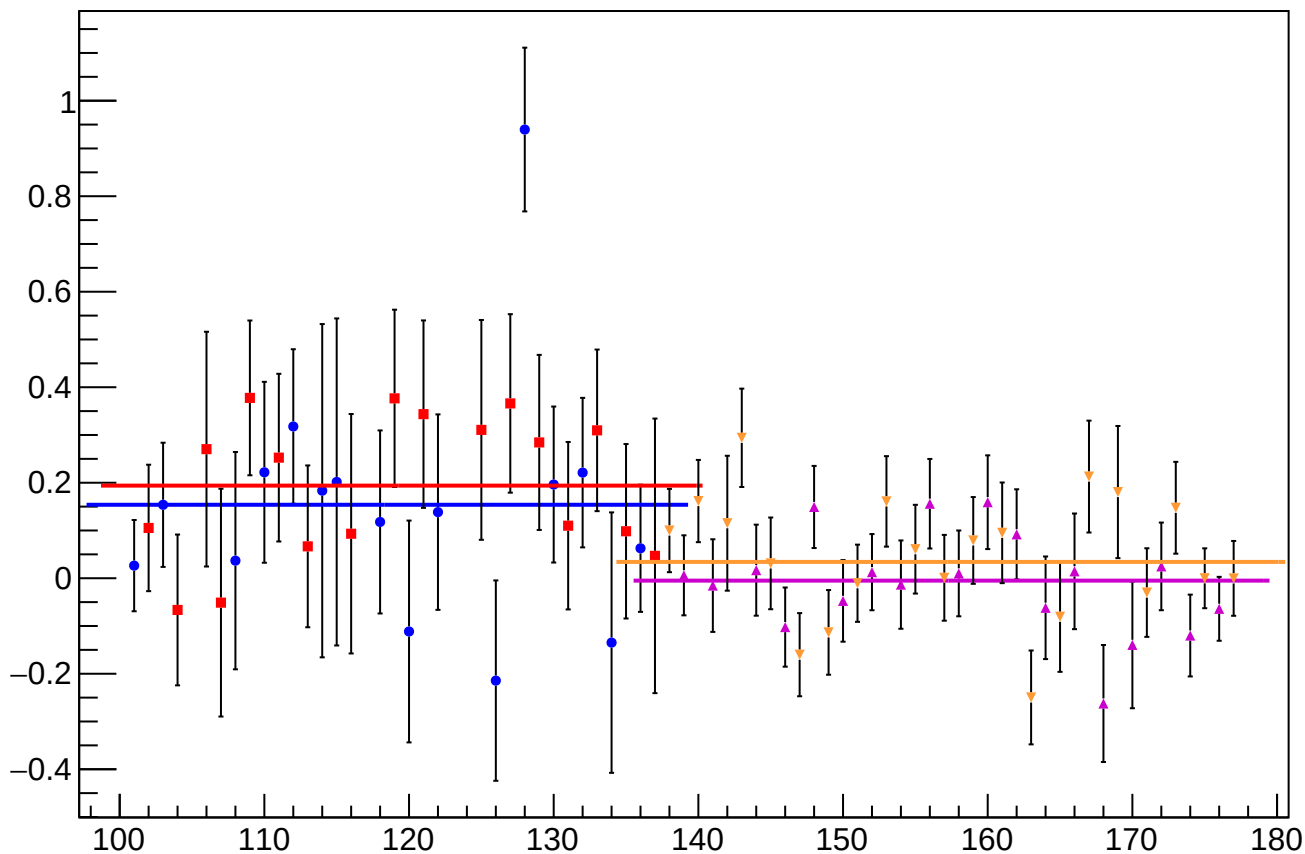
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.027 $\pm$ 0.013 χ^2 /NDF:47.7/34

Out: 0.006 $\pm$ 0.013 χ^2 /NDF:54.7/37

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 103.7/72

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: 0.034 ± 0.020 $\chi^2/\text{NDF}: 35.2/20$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: -0.005 ± 0.021 $\chi^2/\text{NDF}: 20.2/18$

Left: 0.015 ± 0.015 $\chi^2/\text{NDF}: 57.3/39$

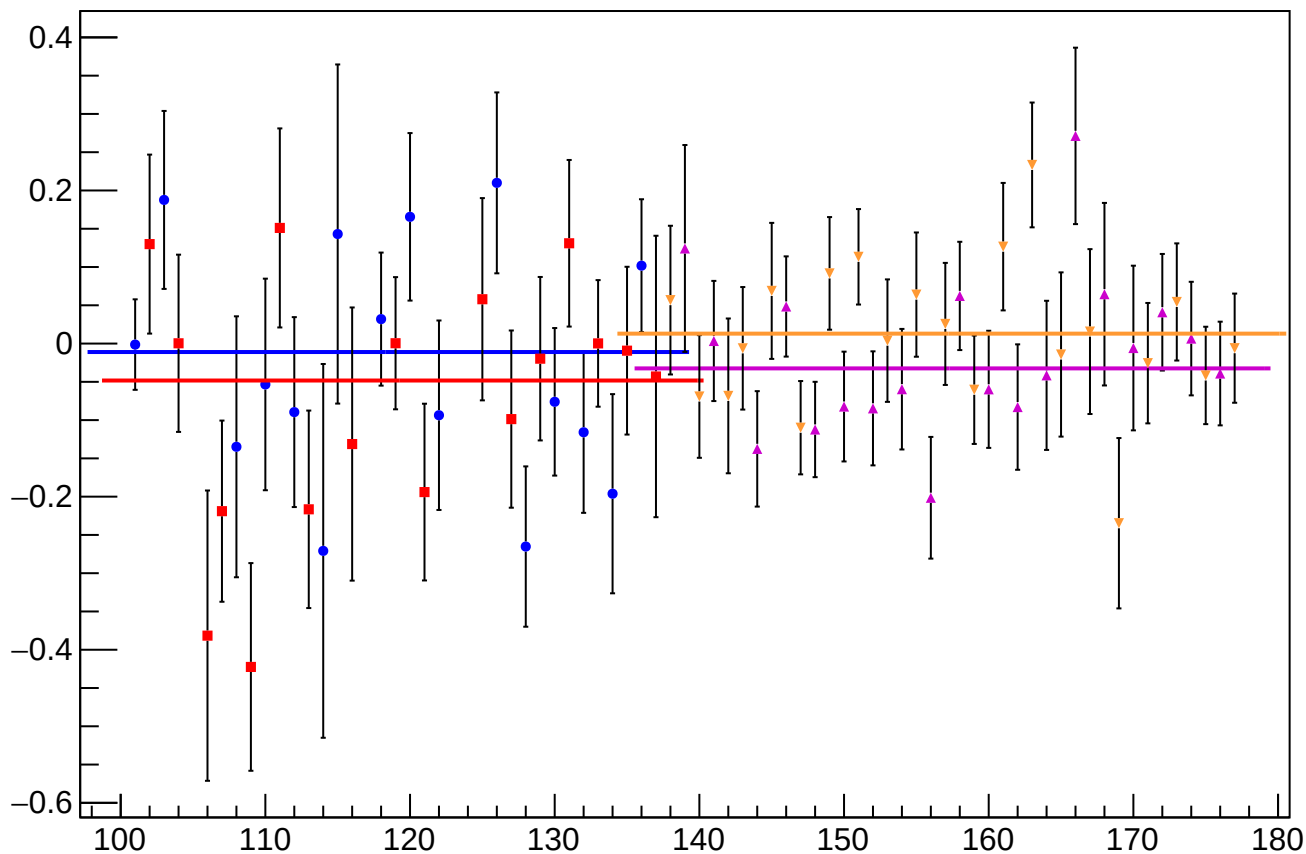
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.026 ± 0.019 $\chi^2/\text{NDF}: 61.8/34$

Out: 0.061 ± 0.018 $\chi^2/\text{NDF}: 56.3/37$

All: 0.044 ± 0.013 $\chi^2/\text{NDF}: 119.9/72$

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.013 ± 0.017 $\chi^2/\text{NDF}: 27.2/20$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 25.6/16$

Left In: -0.032 ± 0.018 $\chi^2/\text{NDF}: 23.5/18$

Left: -0.009 ± 0.013 $\chi^2/\text{NDF}: 53.9/39$

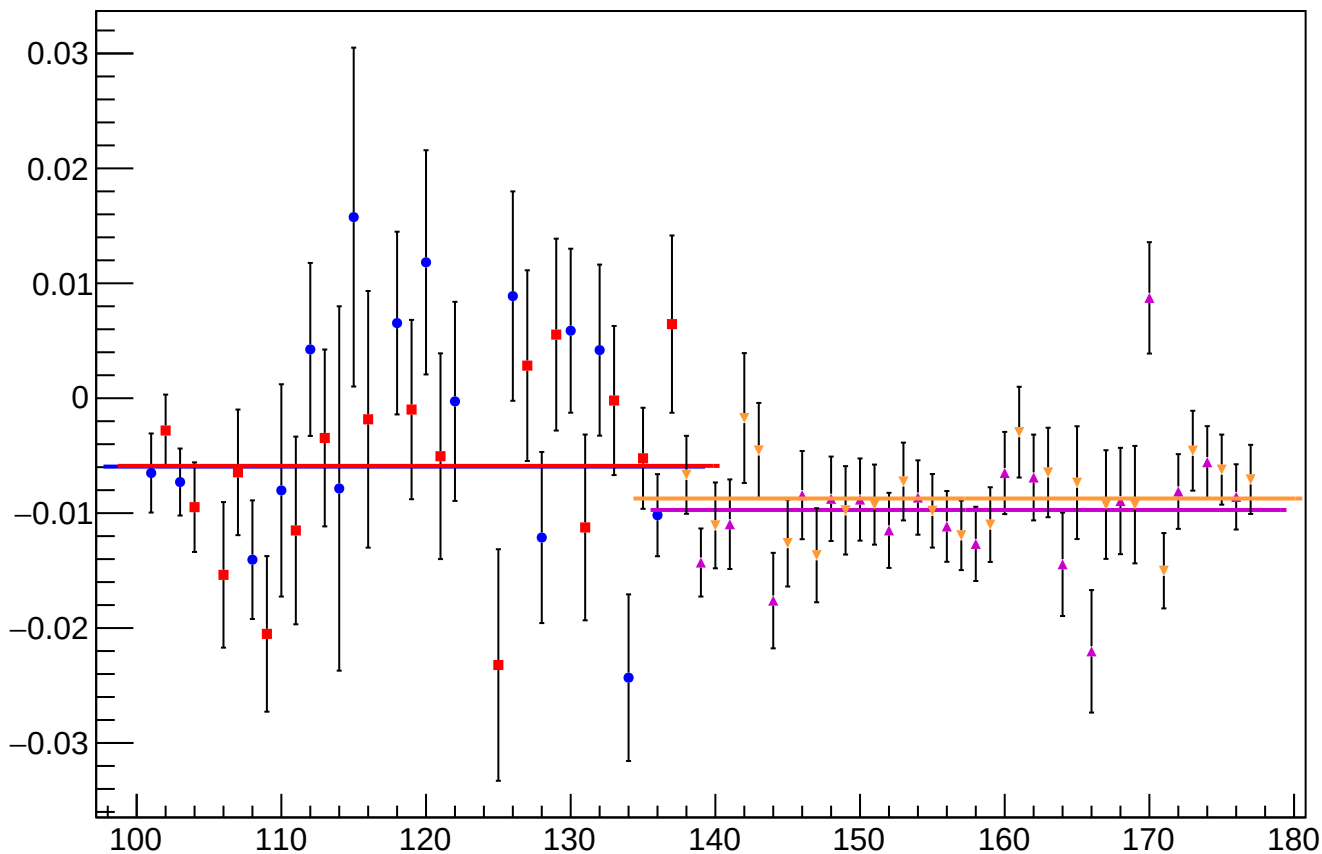
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 49.9/32$

In: -0.026 ± 0.015 $\chi^2/\text{NDF}: 47.3/34$

Out: -0.003 ± 0.015 $\chi^2/\text{NDF}: 56.1/37$

All: -0.014 ± 0.011 $\chi^2/\text{NDF}: 104.5/72$

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 : 16.5/20

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 ± 0.001 χ^2/NDF : 32.3/18

Left: -0.009 ± 0.001 χ^2/NDF : 49.6/39

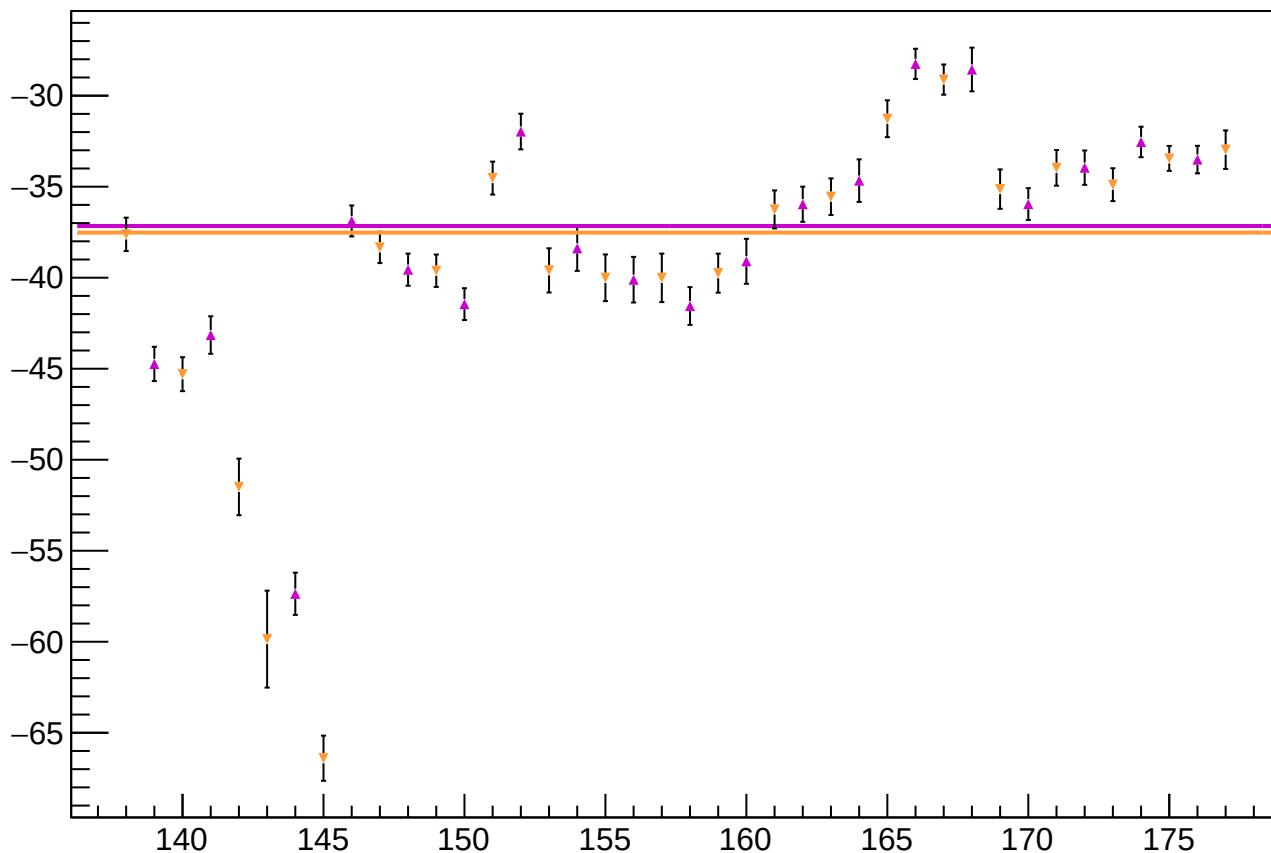
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 66.2/34

Out: -0.008 ± 0.001 χ^2/NDF : 39.0/37

All: -0.008 ± 0.000 χ^2/NDF : 105.7/72

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -37.521 $\pm$ 0.220 χ^2 /NDF:1021.7/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -37.159 $\pm$ 0.222 χ^2 /NDF:727.5/18

Left: -37.342 $\pm$ 0.157 χ^2 /NDF: 1750.5/39

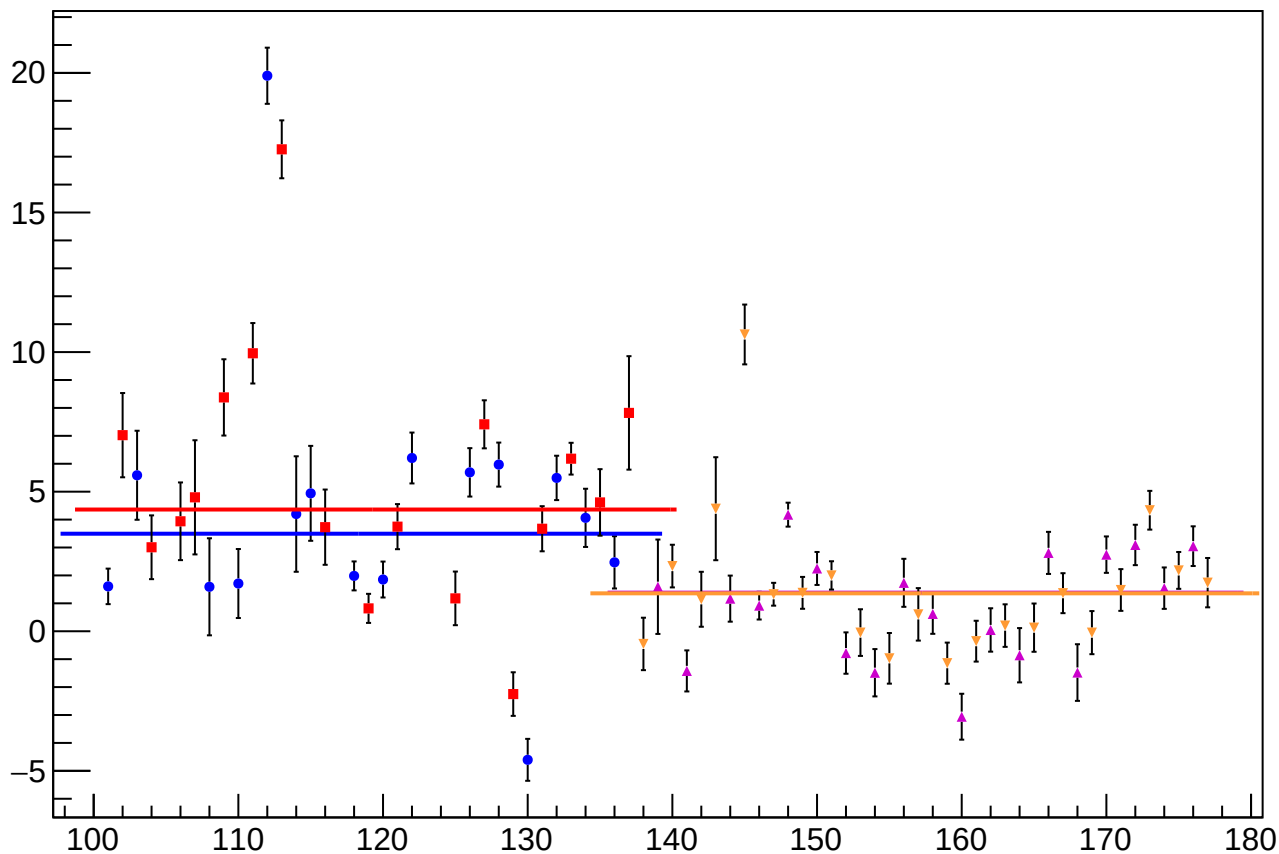
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -37.159 $\pm$ 0.222 χ^2 /NDF:727.5/18

Out: -37.521 $\pm$ 0.220 χ^2 /NDF:1021.7/20

All: -37.342 $\pm$ 0.157 χ^2 /NDF: 1750.5/39

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: 1.358 ± 0.159 $\chi^2/\text{NDF}: 139.5/20$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.383 ± 0.163 $\chi^2/\text{NDF}: 145.8/18$

Left: 1.370 ± 0.114 $\chi^2/\text{NDF}: 285.3/39$

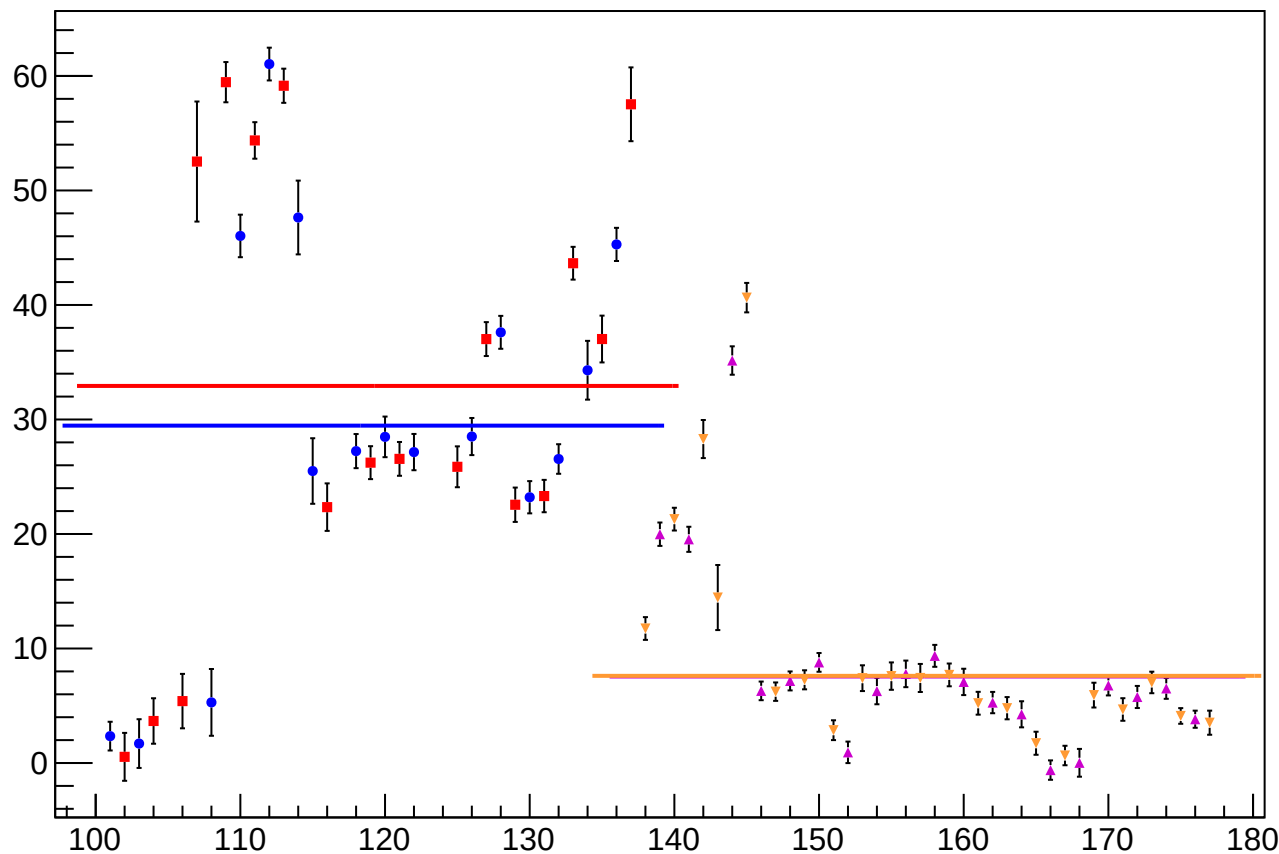
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.143 ± 0.131 $\chi^2/\text{NDF}: 650.9/34$

Out: 2.355 ± 0.130 $\chi^2/\text{NDF}: 609.0/37$

All: 2.250 ± 0.092 $\chi^2/\text{NDF}: 1261.2/72$

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: 7.612 $\pm$ 0.218 χ^2 /NDF:1228.5/20

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 7.554 $\pm$ 0.220 χ^2 /NDF:998.3/18

Left: 7.583 $\pm$ 0.155 χ^2 /NDF: 2226.9/39

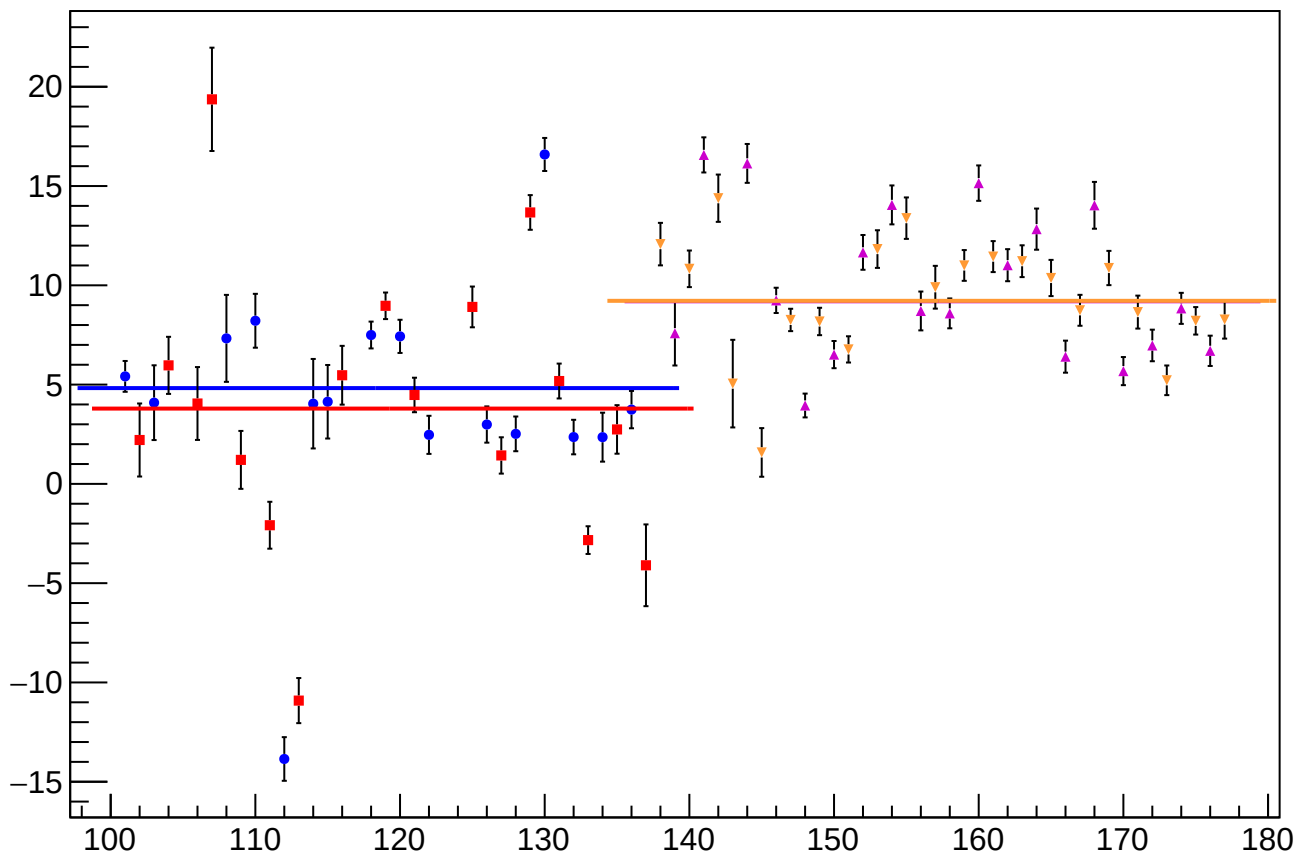
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 12.299 $\pm$ 0.194 χ^2 /NDF:4647.1/34

Out: 12.904 $\pm$ 0.194 χ^2 /NDF:5679.9/37

All: 12.602 $\pm$ 0.137 χ^2 /NDF: 10331.8/72

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.219 ± 0.184 $\chi^2/\text{NDF}: 171.8/20$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.195 ± 0.188 $\chi^2/\text{NDF}: 380.1/18$

Left: 9.207 ± 0.132 $\chi^2/\text{NDF}: 551.9/39$

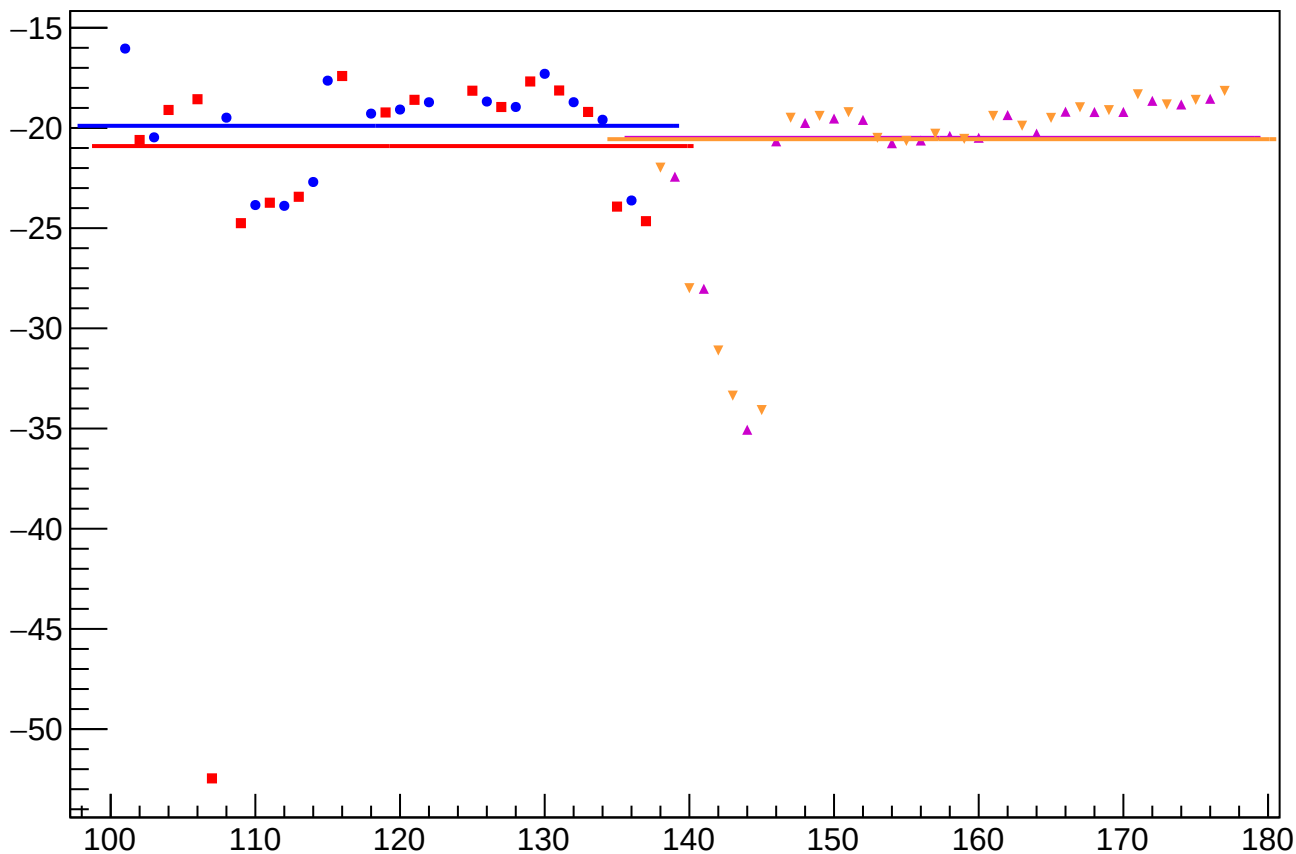
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.624 ± 0.151 $\chi^2/\text{NDF}: 1126.3/34$

Out: 7.399 ± 0.150 $\chi^2/\text{NDF}: 1027.3/37$

All: 7.511 ± 0.106 $\chi^2/\text{NDF}: 2154.7/72$

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: -20.559 ± 0.009 $\chi^2/\text{NDF}: 160872.1/20$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.493 ± 0.009 $\chi^2/\text{NDF}: 118679.1/18$

Left: -20.526 ± 0.006 $\chi^2/\text{NDF}: 279580.6/39$

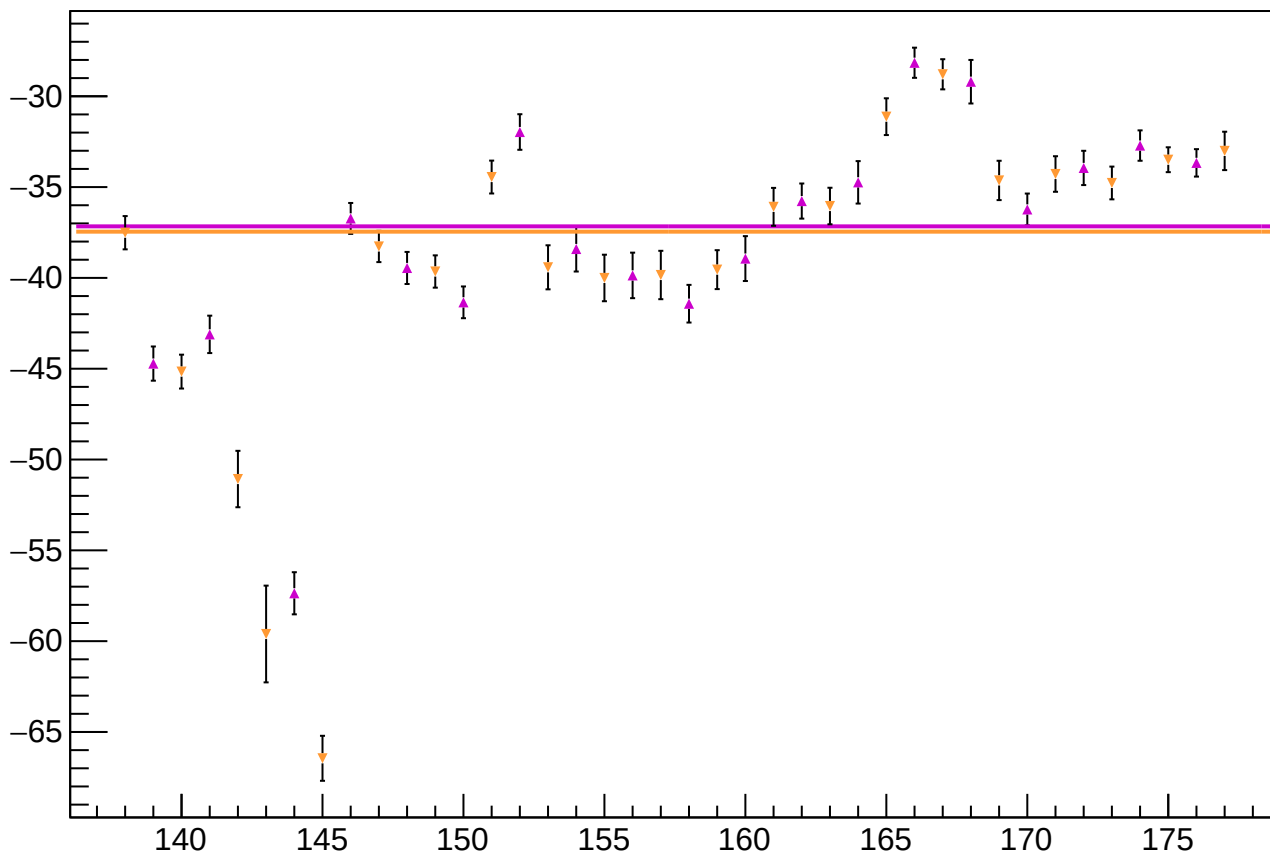
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.351 ± 0.008 $\chi^2/\text{NDF}: 145905.1/34$

Out: -20.640 ± 0.008 $\chi^2/\text{NDF}: 254041.7/37$

All: -20.495 ± 0.005 $\chi^2/\text{NDF}: 400669.9/72$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.454+/-0.220 χ^2/NDF :1023.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.163+/-0.222 χ^2/NDF :714.4/18

Left: -37.309+/-0.156 χ^2/NDF : 1738.3/39

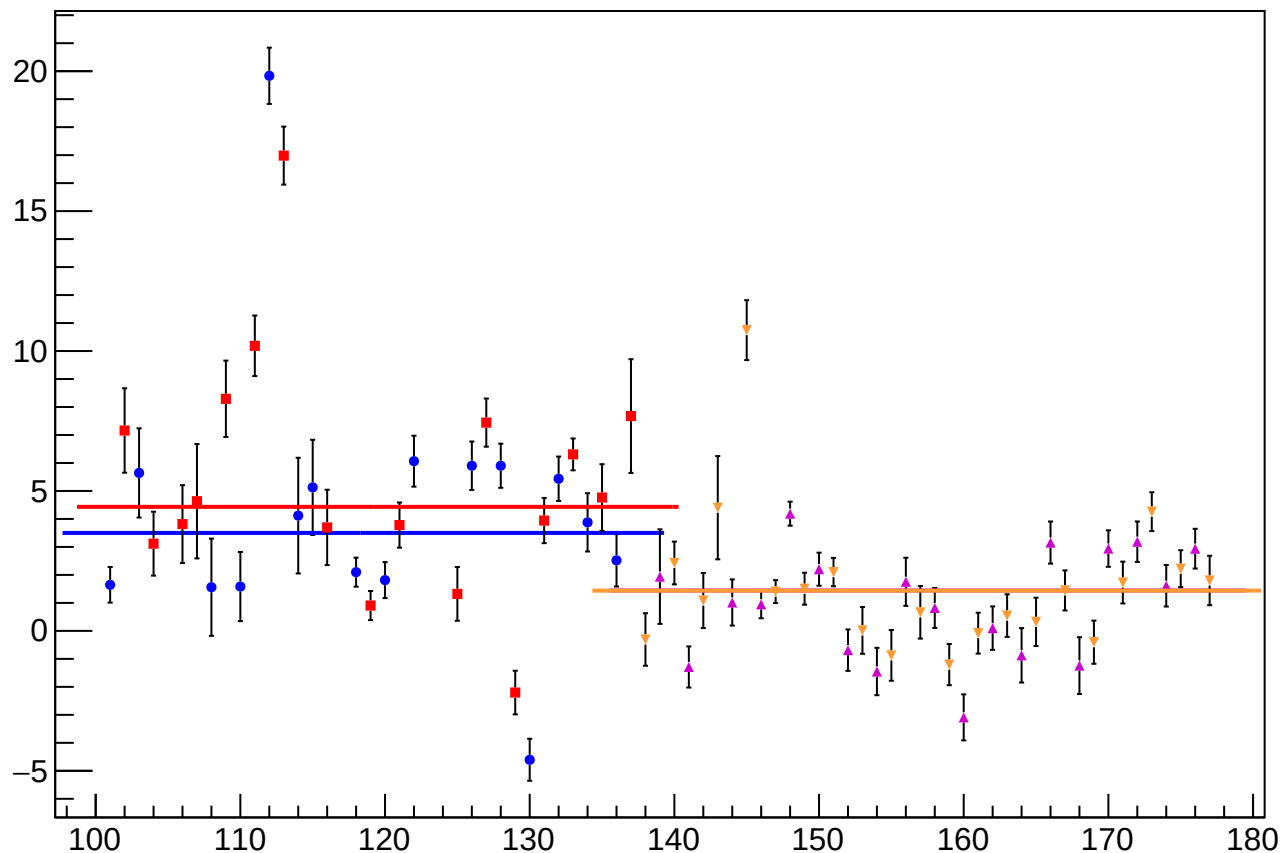
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.163+/-0.222 χ^2/NDF :714.4/18

Out: -37.454+/-0.220 χ^2/NDF :1023.0/20

All: -37.309+/-0.156 χ^2/NDF : 1738.3/39

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.439 ± 0.159 χ^2/NDF : 139.5/20

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.443 ± 0.163 χ^2/NDF : 145.5/18

Left: 1.441 ± 0.114 χ^2/NDF : 285.0/39

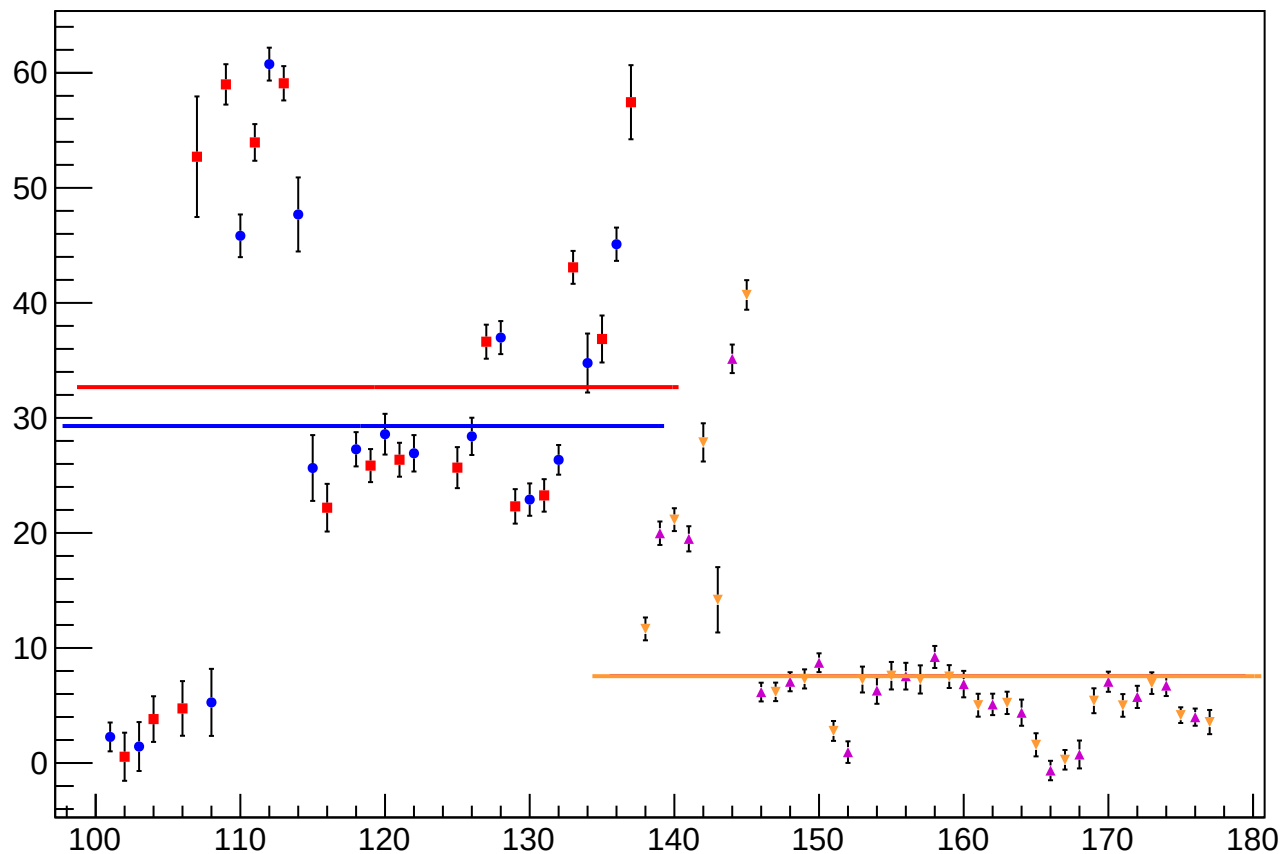
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.184 ± 0.131 χ^2/NDF : 644.7/34

Out: 2.433 ± 0.130 χ^2/NDF : 601.1/37

All: 2.309 ± 0.092 χ^2/NDF : 1247.6/72

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.548 $\pm$ 0.218 χ^2 /NDF:1228.6/20

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 7.566 $\pm$ 0.219 χ^2 /NDF:989.3/18

Left: 7.557 $\pm$ 0.154 χ^2 /NDF: 2217.9/39

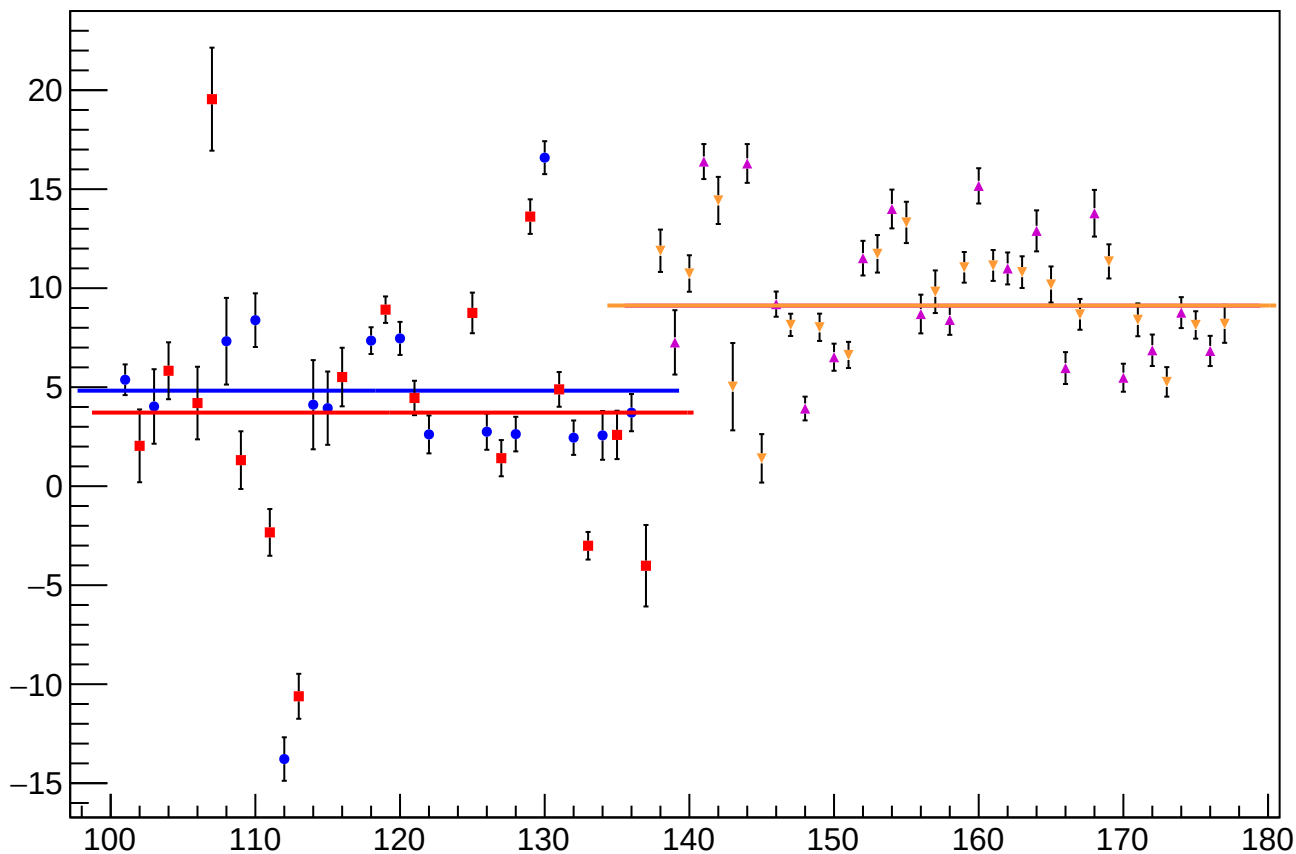
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 12.272 $\pm$ 0.194 χ^2 /NDF:4599.7/34

Out: 12.802 $\pm$ 0.193 χ^2 /NDF:5632.5/37

All: 12.538 $\pm$ 0.137 χ^2 /NDF: 10235.9/72

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.124 ± 0.184 $\chi^2/\text{NDF}: 173.1/20$

Right Out: 3.716 ± 0.259 $\chi^2/\text{NDF}: 559.9/16$

Left In: 9.116 ± 0.188 $\chi^2/\text{NDF}: 385.5/18$

Left: 9.120 ± 0.132 $\chi^2/\text{NDF}: 558.6/39$

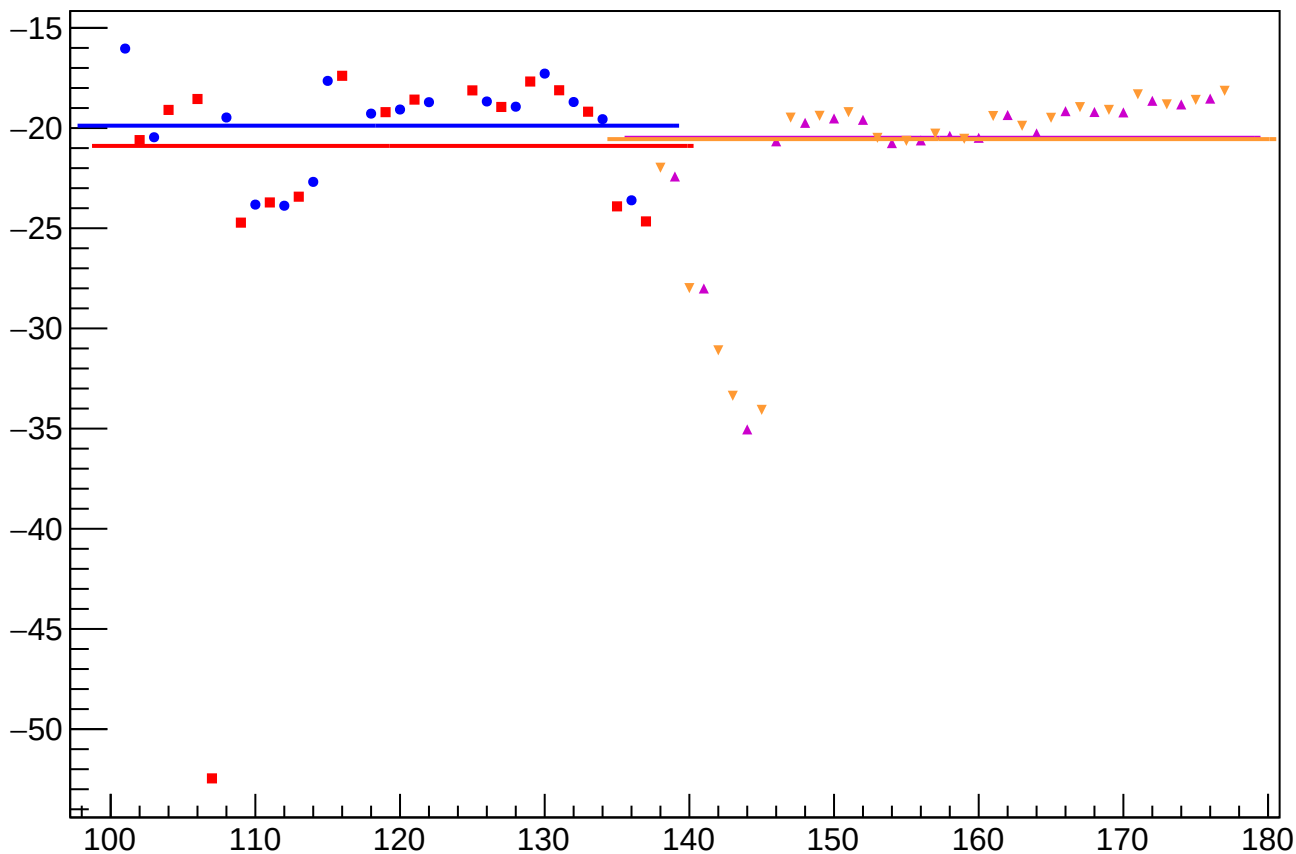
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 7.573 ± 0.151 $\chi^2/\text{NDF}: 1121.3/34$

Out: 7.310 ± 0.150 $\chi^2/\text{NDF}: 1023.2/37$

All: 7.441 ± 0.106 $\chi^2/\text{NDF}: 2146.0/72$

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: -20.551 ± 0.009 $\chi^2/\text{NDF}: 160989.7/20$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.484 ± 0.009 $\chi^2/\text{NDF}: 118589.5/18$

Left: -20.518 ± 0.006 $\chi^2/\text{NDF}: 279609.5/39$

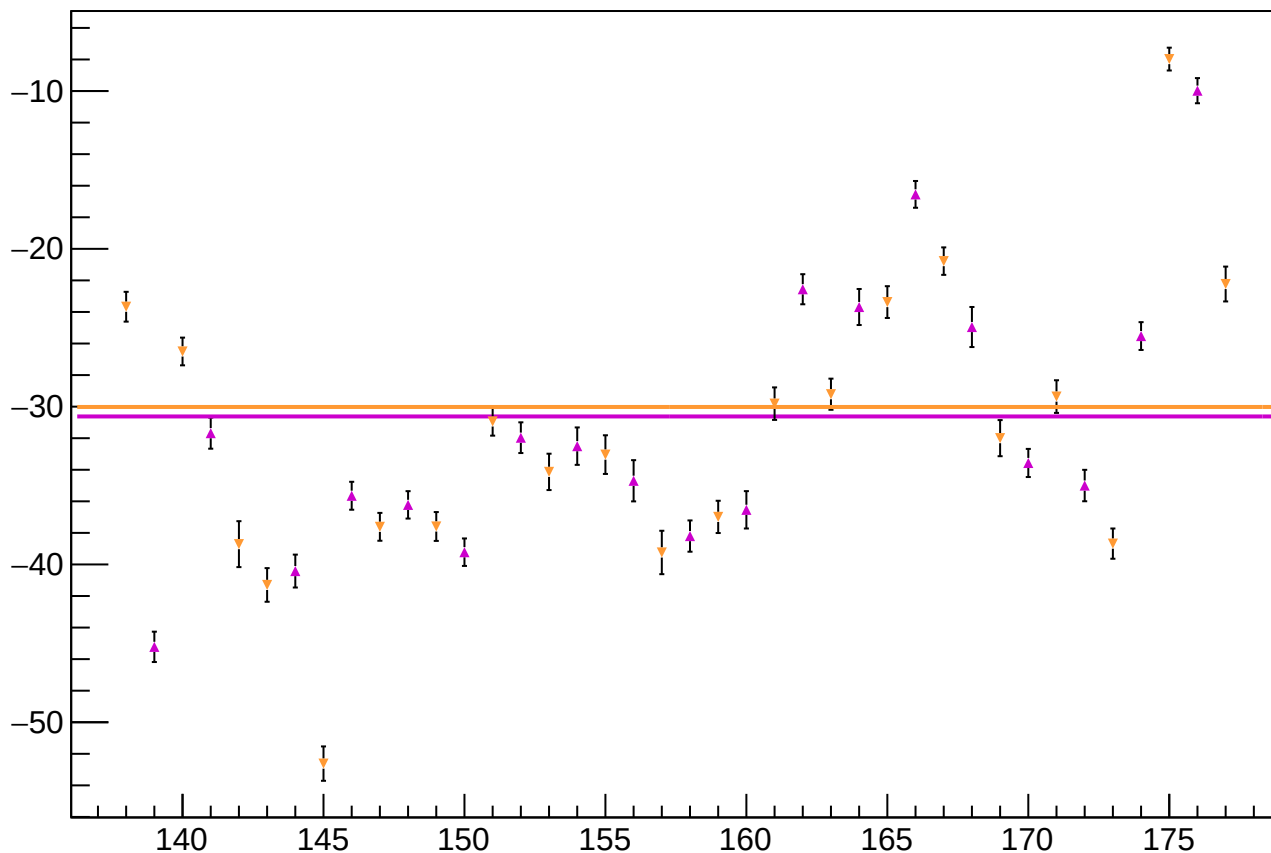
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.342 ± 0.008 $\chi^2/\text{NDF}: 145818.6/34$

Out: -20.631 ± 0.008 $\chi^2/\text{NDF}: 254259.6/37$

All: -20.485 ± 0.005 $\chi^2/\text{NDF}: 400804.6/72$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.020+/-0.218 χ^2/NDF :2113.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.621+/-0.223 χ^2/NDF :1726.8/18

Left: -30.314+/-0.156 χ^2/NDF : 3844.3/39

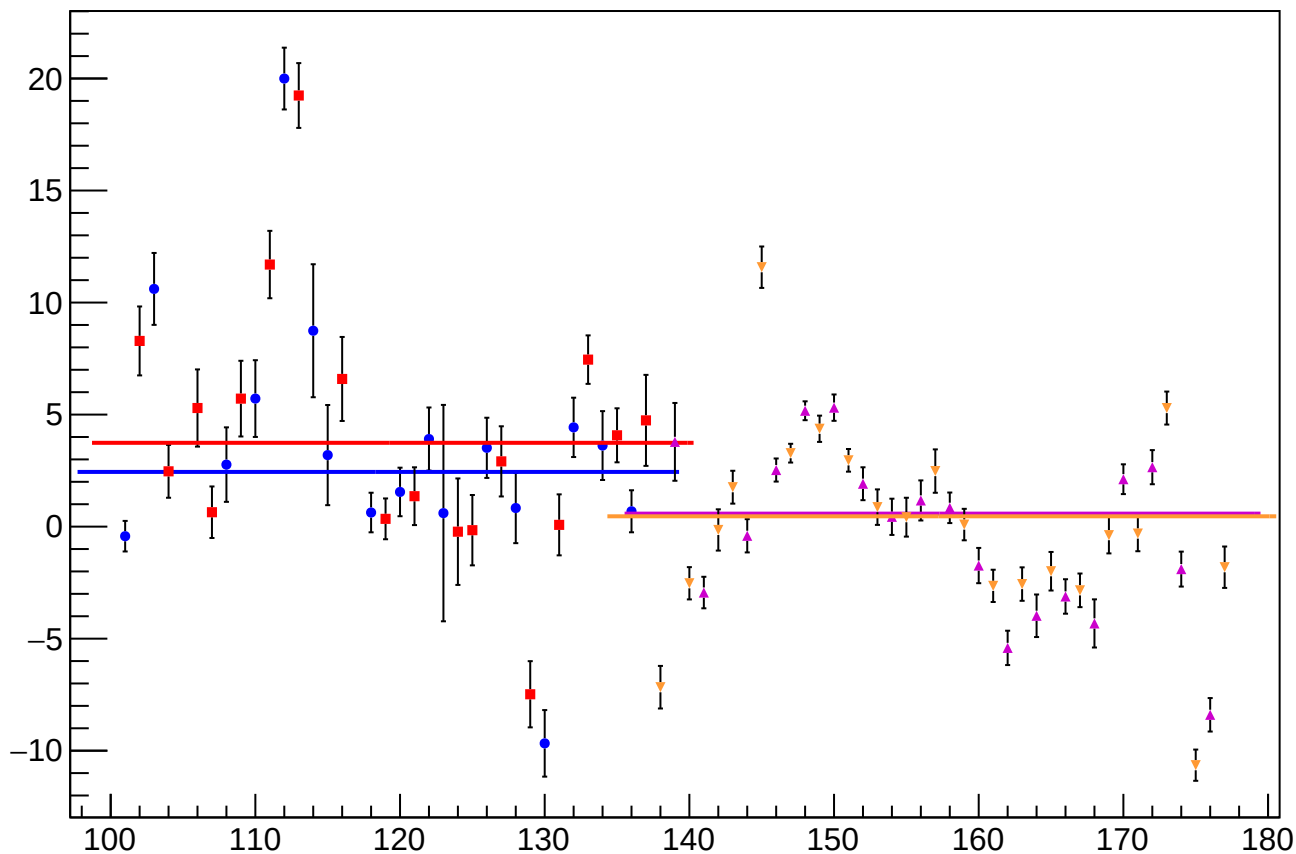
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.621+/-0.223 χ^2/NDF :1726.8/18

Out: -30.020+/-0.218 χ^2/NDF :2113.7/20

All: -30.314+/-0.156 χ^2/NDF : 3844.3/39

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.461 ± 0.156 $\chi^2/\text{NDF}: 716.6/20$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 0.580 ± 0.163 $\chi^2/\text{NDF}: 535.9/18$

Left: 0.518 ± 0.113 $\chi^2/\text{NDF}: 1252.8/39$

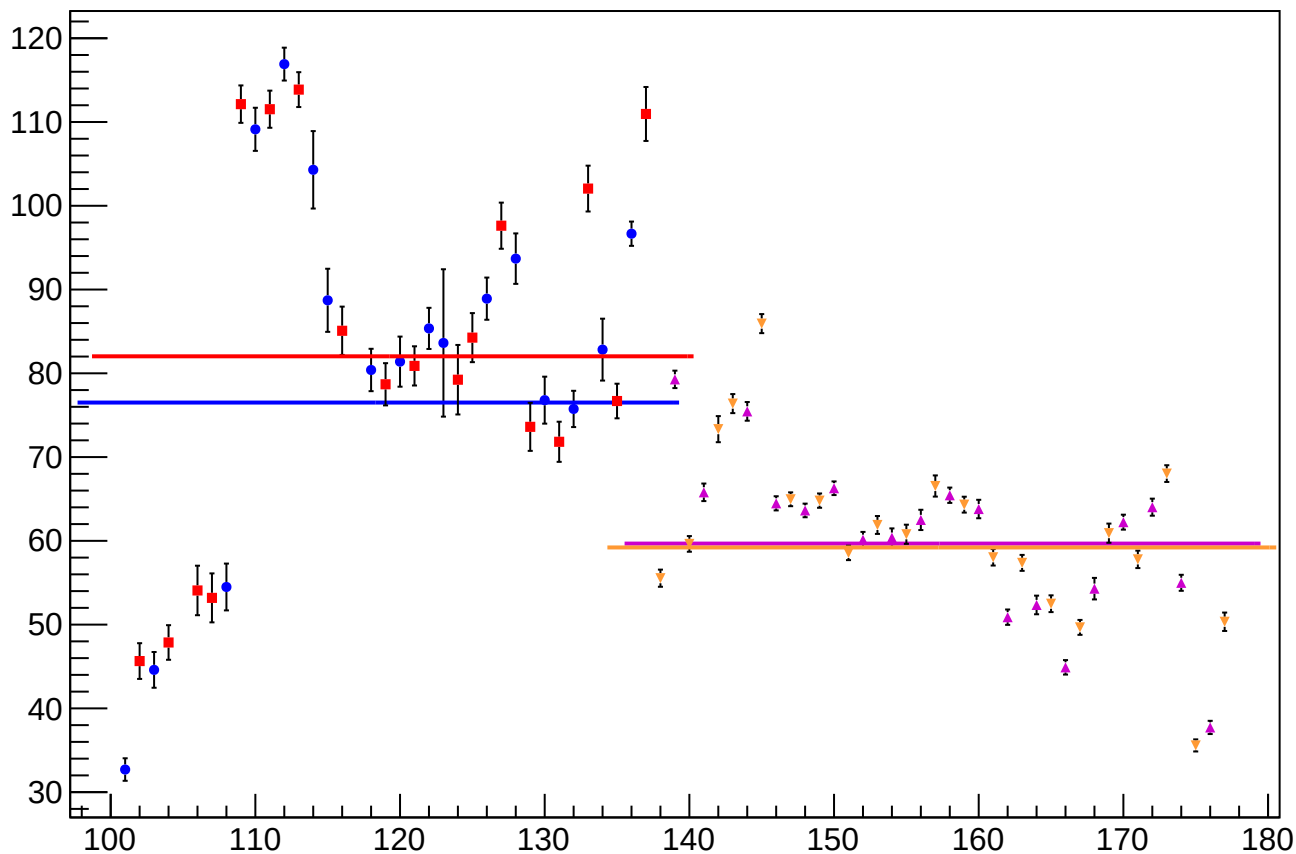
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 0.980 ± 0.144 $\chi^2/\text{NDF}: 858.7/35$

Out: 1.073 ± 0.141 $\chi^2/\text{NDF}: 1066.7/38$

All: 1.027 ± 0.101 $\chi^2/\text{NDF}: 1925.7/74$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 59.211 $\pm$ 0.216 χ^2 /NDF:2420.9/20

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 59.672 $\pm$ 0.220 χ^2 /NDF:2039.9/18

Left: 59.437 $\pm$ 0.154 χ^2 /NDF: 4463.0/39

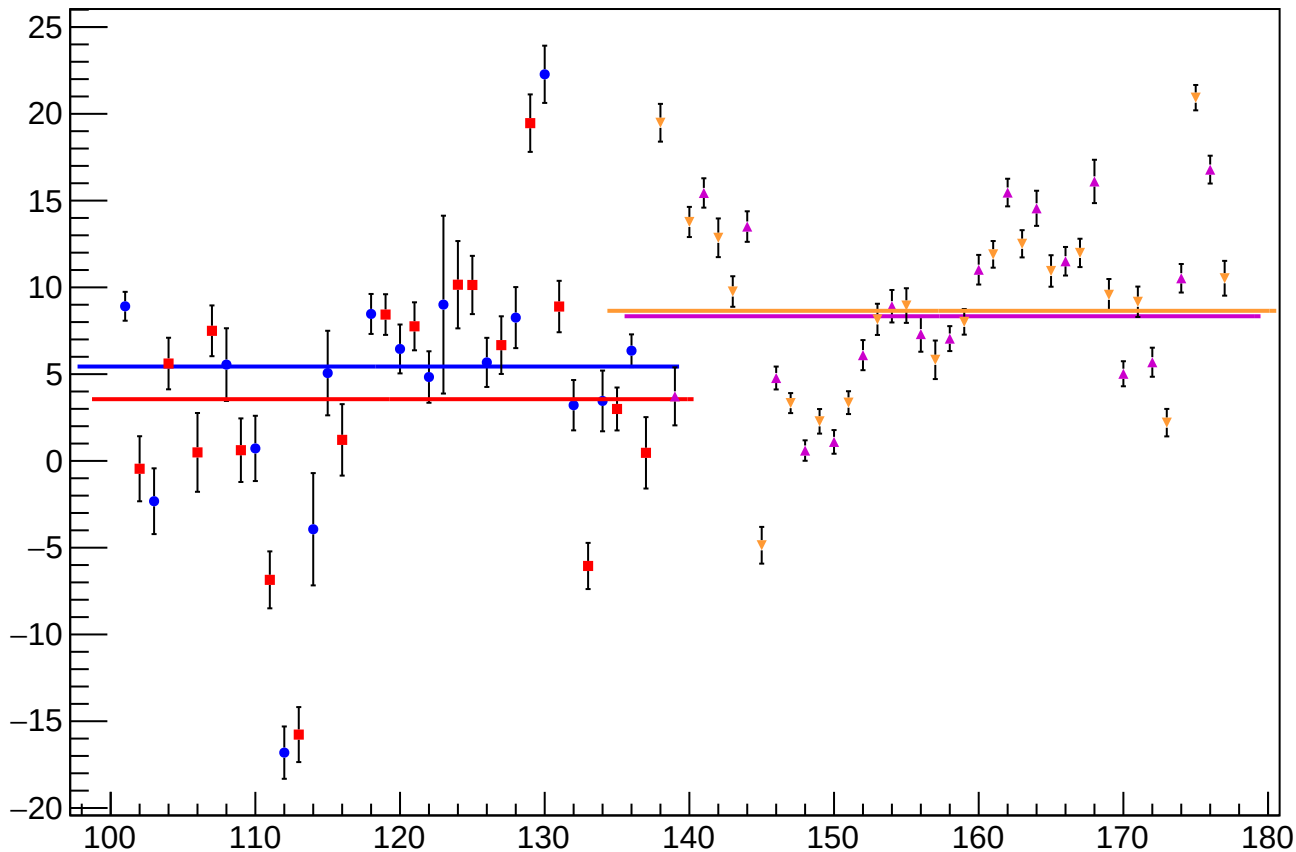
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 61.834 $\pm$ 0.206 χ^2 /NDF:5040.3/35

Out: 61.884 $\pm$ 0.203 χ^2 /NDF:5277.9/38

All: 61.859 $\pm$ 0.144 χ^2 /NDF: 10318.2/74

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 8.649 $\pm$ 0.181 χ^2 /NDF: 969.6/20

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 8.336 $\pm$ 0.188 χ^2 /NDF: 768.6/18

Left: 8.499 $\pm$ 0.131 χ^2 /NDF: 1739.6/39

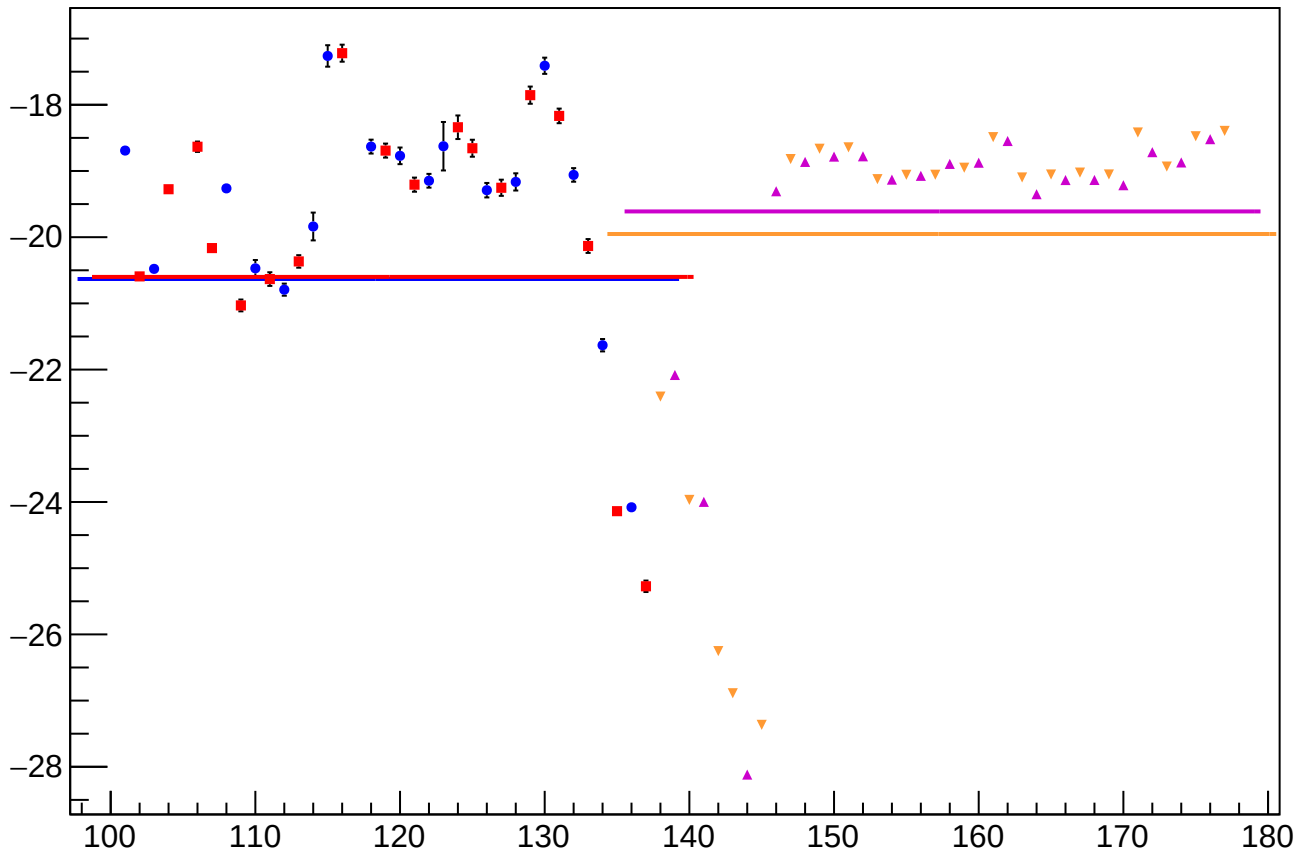
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 7.707 $\pm$ 0.167 χ^2 /NDF: 1206.1/35

Out: 7.684 $\pm$ 0.163 χ^2 /NDF: 1539.5/38

All: 7.695 $\pm$ 0.117 χ^2 /NDF: 2745.6/74

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.952 ± 0.009 $\chi^2/\text{NDF}: 88512.2/20$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.611 ± 0.009 $\chi^2/\text{NDF}: 51688.7/18$

Left: -19.783 ± 0.006 $\chi^2/\text{NDF}: 140976.5/39$

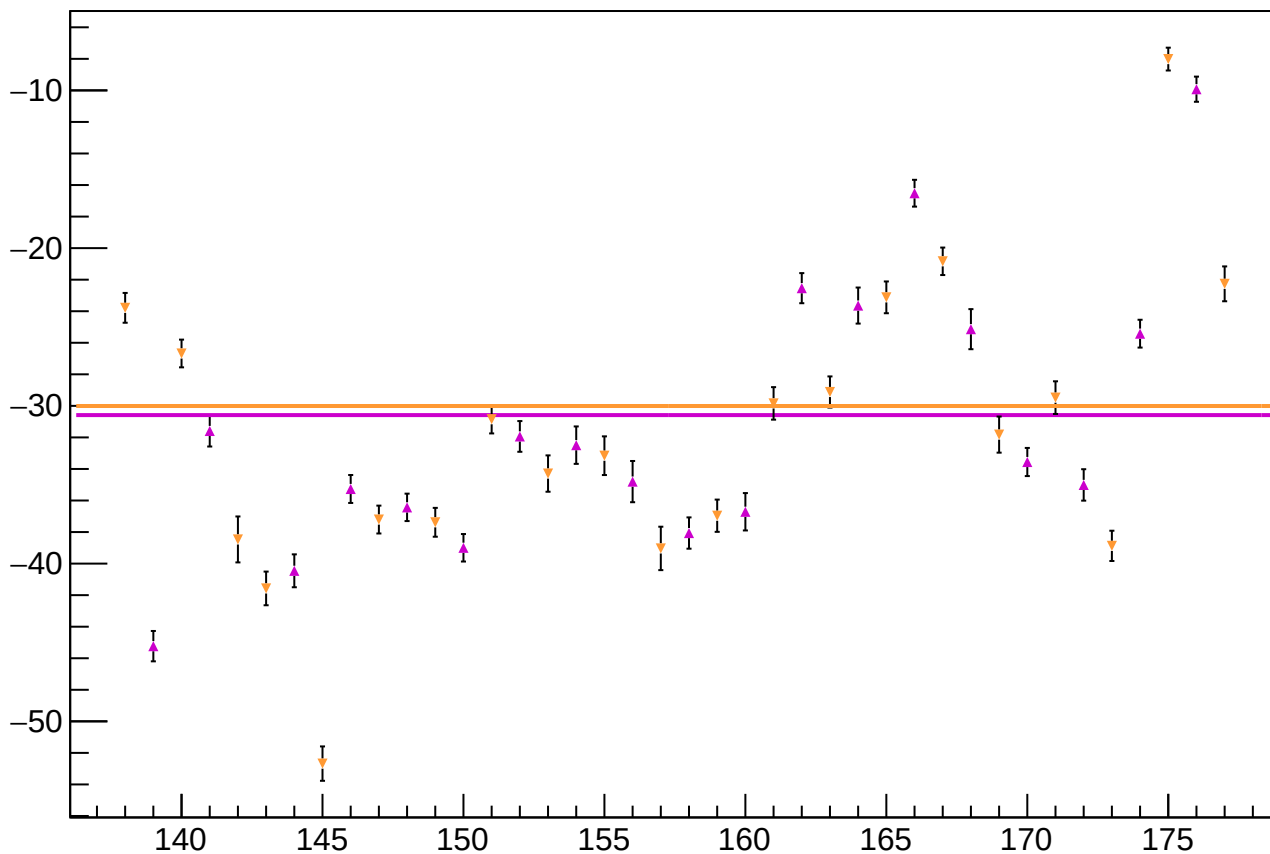
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.783 ± 0.008 $\chi^2/\text{NDF}: 66514.8/35$

Out: -20.058 ± 0.008 $\chi^2/\text{NDF}: 101413.7/38$

All: -19.922 ± 0.006 $\chi^2/\text{NDF}: 168532.4/74$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



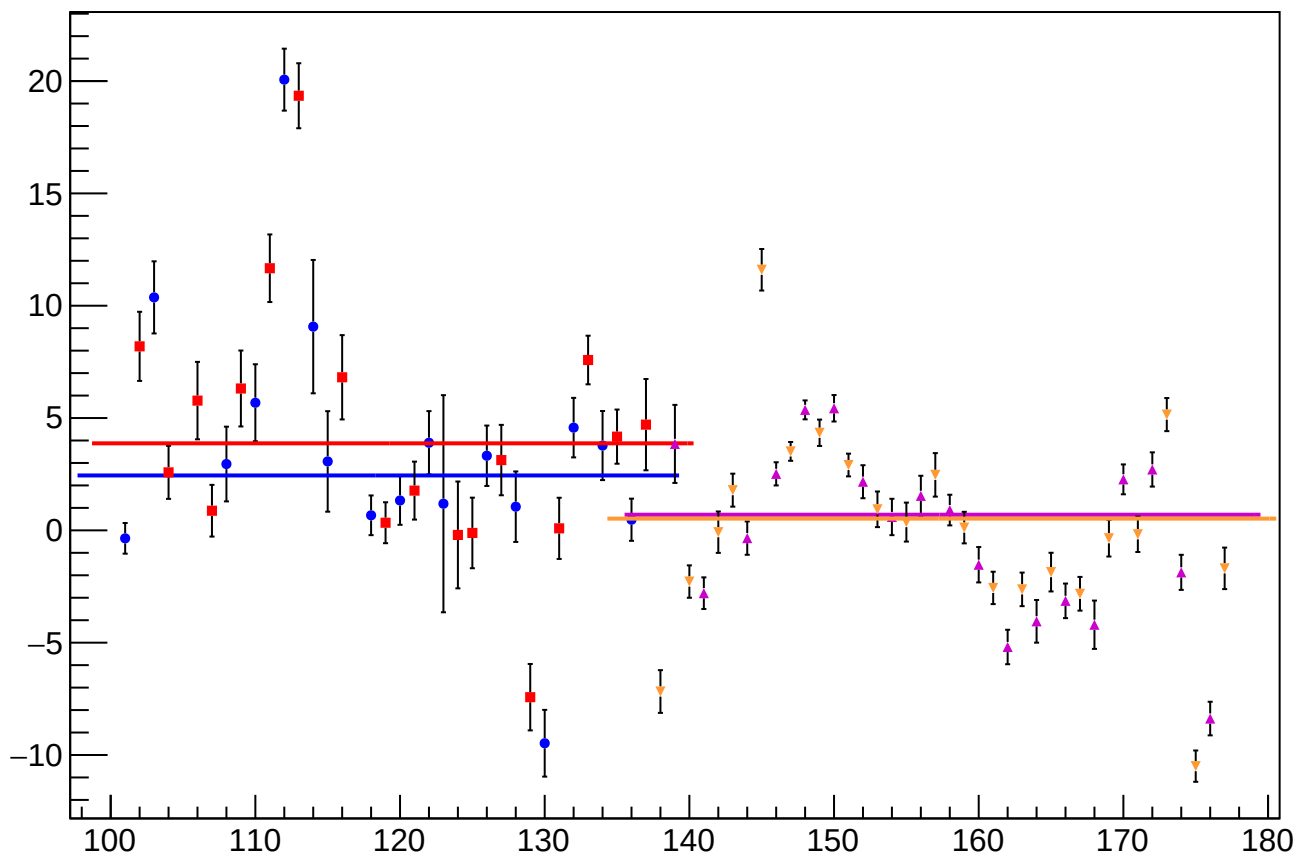
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -30.009 ± 0.218 $\chi^2/\text{NDF}: 2103.2/20$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -30.585 ± 0.224 $\chi^2/\text{NDF}: 1723.6/18$

Left: -30.290 ± 0.156 $\chi^2/\text{NDF}: 3830.2/39$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.585 ± 0.224 $\chi^2/\text{NDF}: 1723.6/18$
 Out: -30.009 ± 0.218 $\chi^2/\text{NDF}: 2103.2/20$

All: -30.290 ± 0.156 $\chi^2/\text{NDF}: 3830.2/39$

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: 0.523 ± 0.157 χ^2/NDF : 708.6/20

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 0.696 ± 0.163 χ^2/NDF : 542.9/18

Left: 0.606 ± 0.113 χ^2/NDF : 1252.1/39

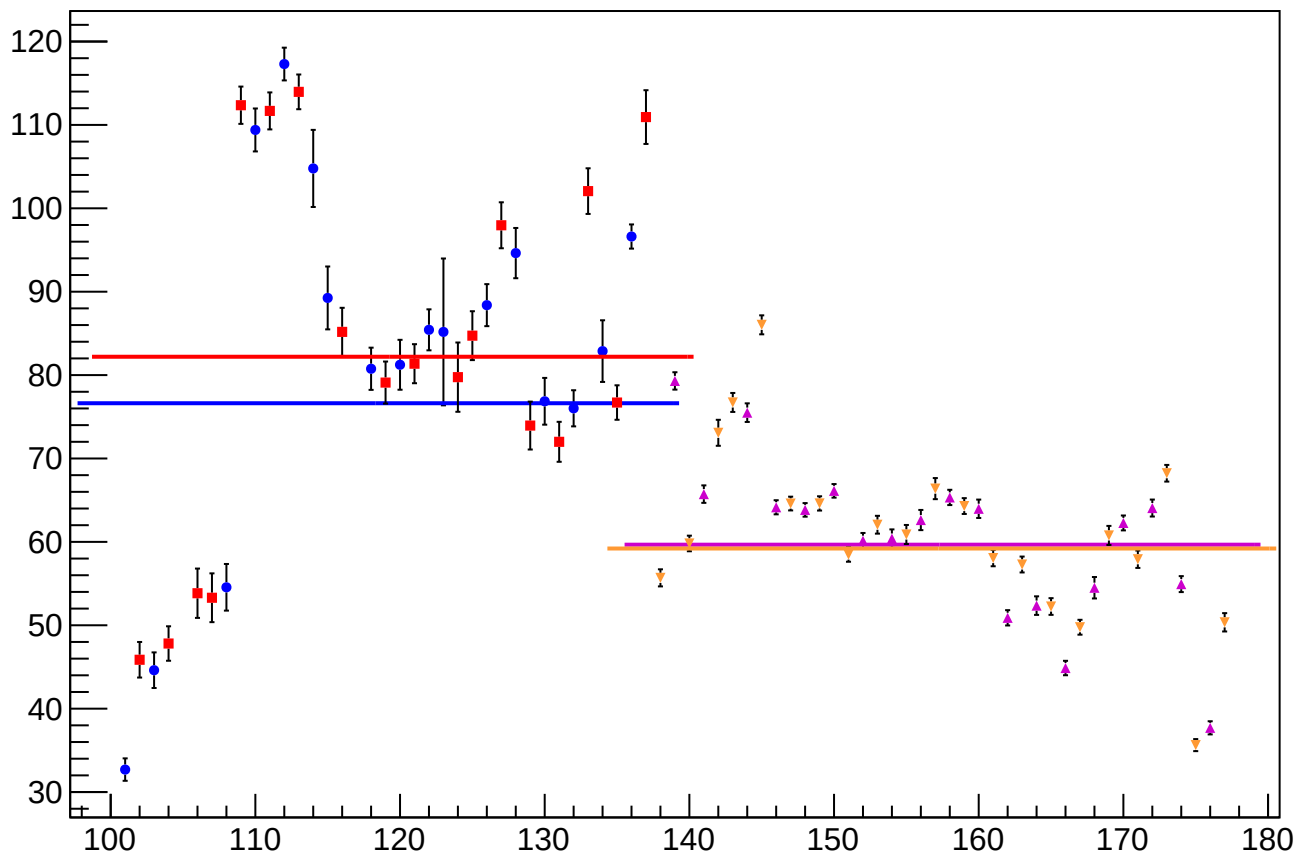
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.072 ± 0.144 χ^2/NDF : 860.3/35

Out: 1.148 ± 0.141 χ^2/NDF : 1062.4/38

All: 1.111 ± 0.101 χ^2/NDF : 1922.8/74

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 59.205 $\pm$ 0.216 χ^2 /NDF:2417.8/20

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 59.663 $\pm$ 0.221 χ^2 /NDF:2035.2/18

Left: 59.429 $\pm$ 0.154 χ^2 /NDF: 4455.2/39

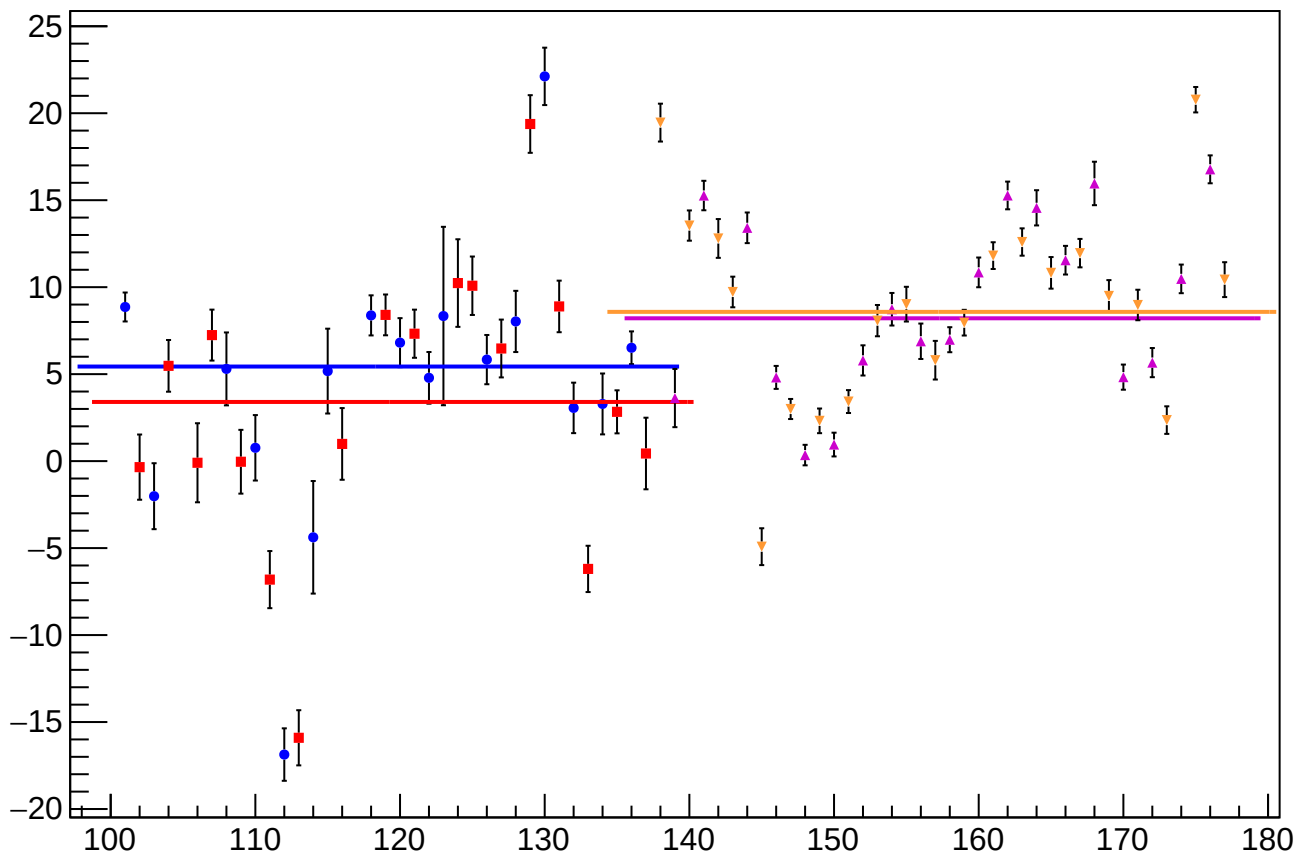
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 61.842 $\pm$ 0.206 χ^2 /NDF:5058.0/35

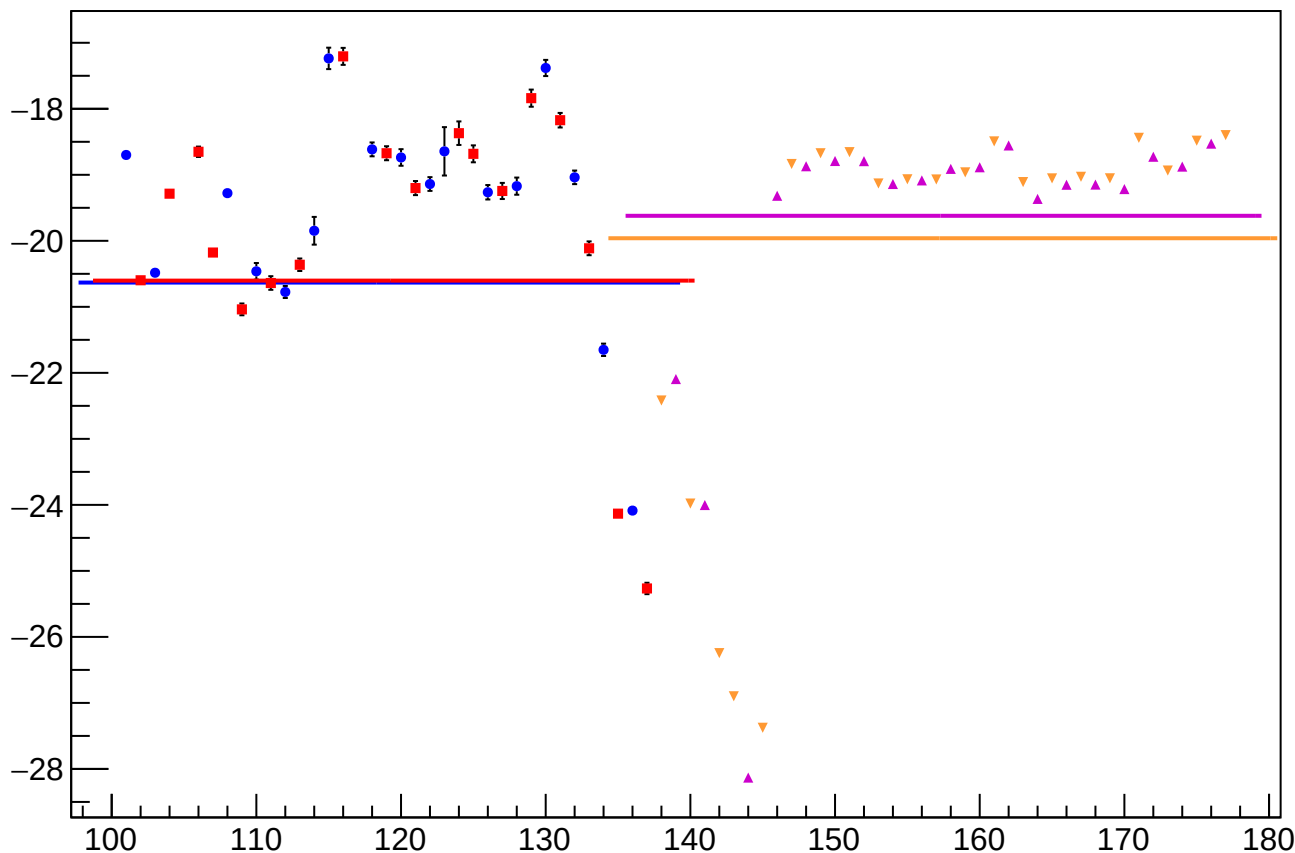
Out: 61.899 $\pm$ 0.203 χ^2 /NDF:5296.0/38

All: 61.871 $\pm$ 0.145 χ^2 /NDF: 10354.0/74

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -19.961 $\pm$ 0.009 χ^2 /NDF: 88383.4/20

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -19.621 $\pm$ 0.009 χ^2 /NDF: 51633.2/18

Left: -19.793 $\pm$ 0.006 χ^2 /NDF: 140786.7/39

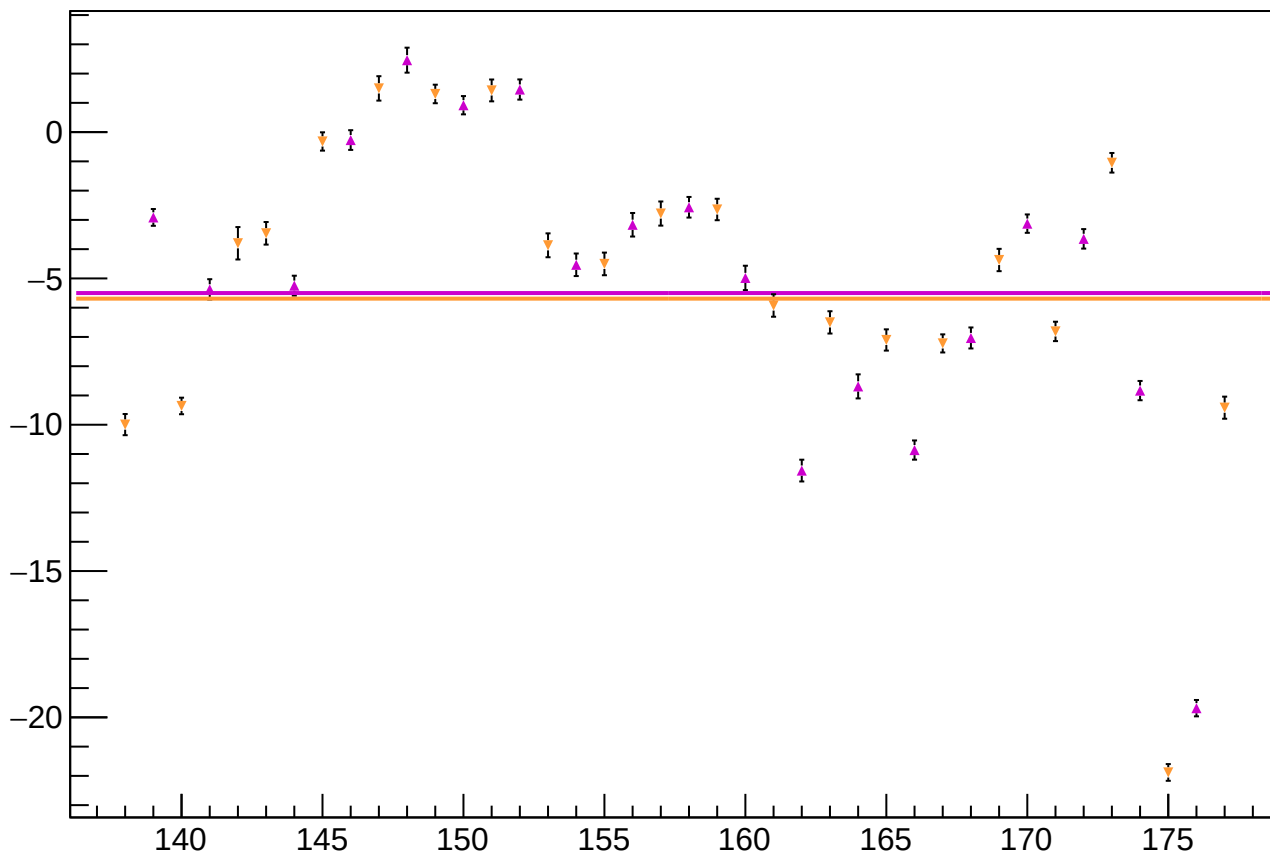
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -19.792 $\pm$ 0.008 χ^2 /NDF: 66457.2/35

Out: -20.066 $\pm$ 0.008 χ^2 /NDF: 101218.6/38

All: -19.930 $\pm$ 0.006 χ^2 /NDF: 168276.8/74

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



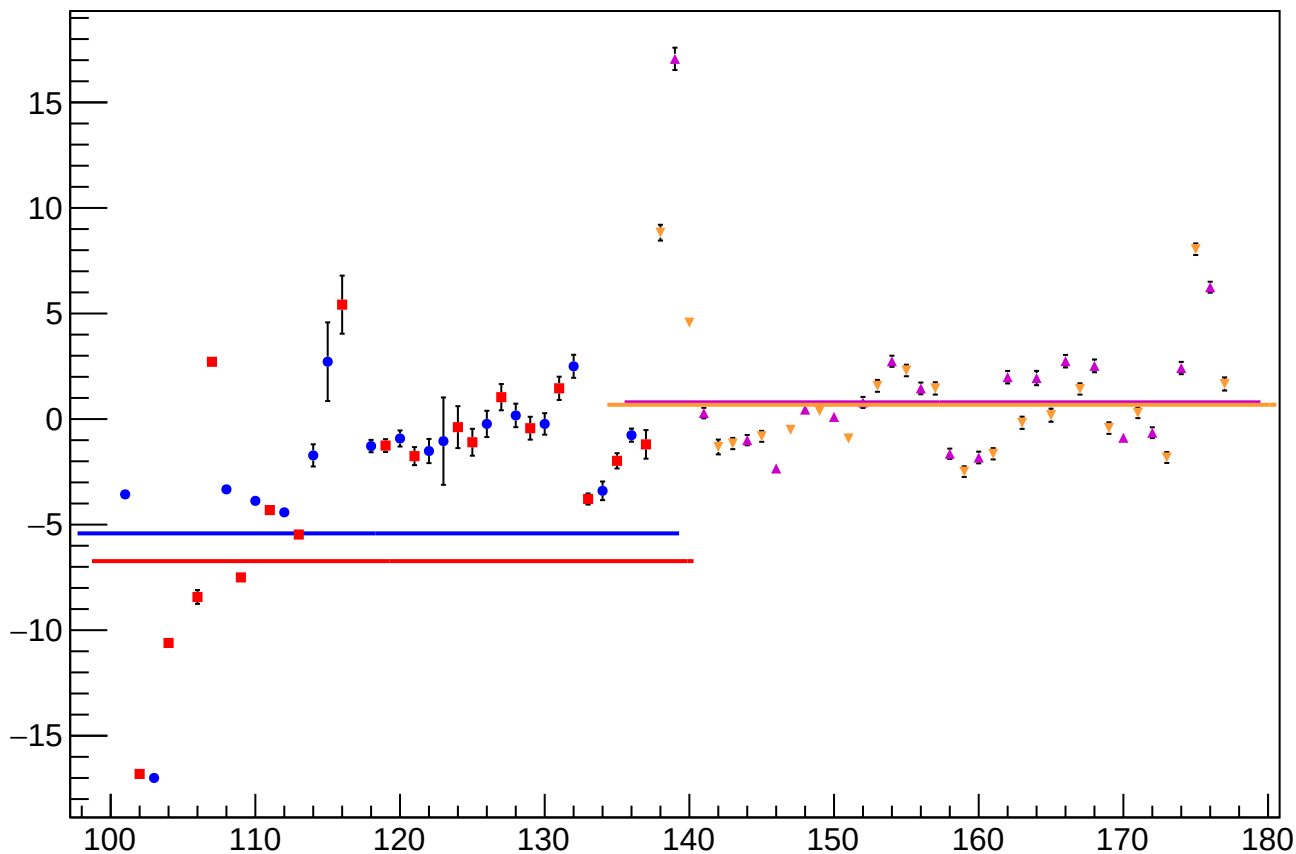
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.691 $\pm$ 0.078 χ^2 /NDF:5511.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.500 $\pm$ 0.079 χ^2 /NDF:4986.4/18

Left: -5.597 $\pm$ 0.055 χ^2 /NDF: 10501.1/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.500 $\pm$ 0.079 χ^2 /NDF:4986.4/18
 Out: -5.691 $\pm$ 0.078 χ^2 /NDF:5511.7/20

All: -5.597 $\pm$ 0.055 χ^2 /NDF: 10501.1/39

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.677 ± 0.058 χ^2/NDF : 2094.1/20

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.793 ± 0.060 χ^2/NDF : 2137.9/18

Left: 0.733 ± 0.042 χ^2/NDF : 4233.9/39

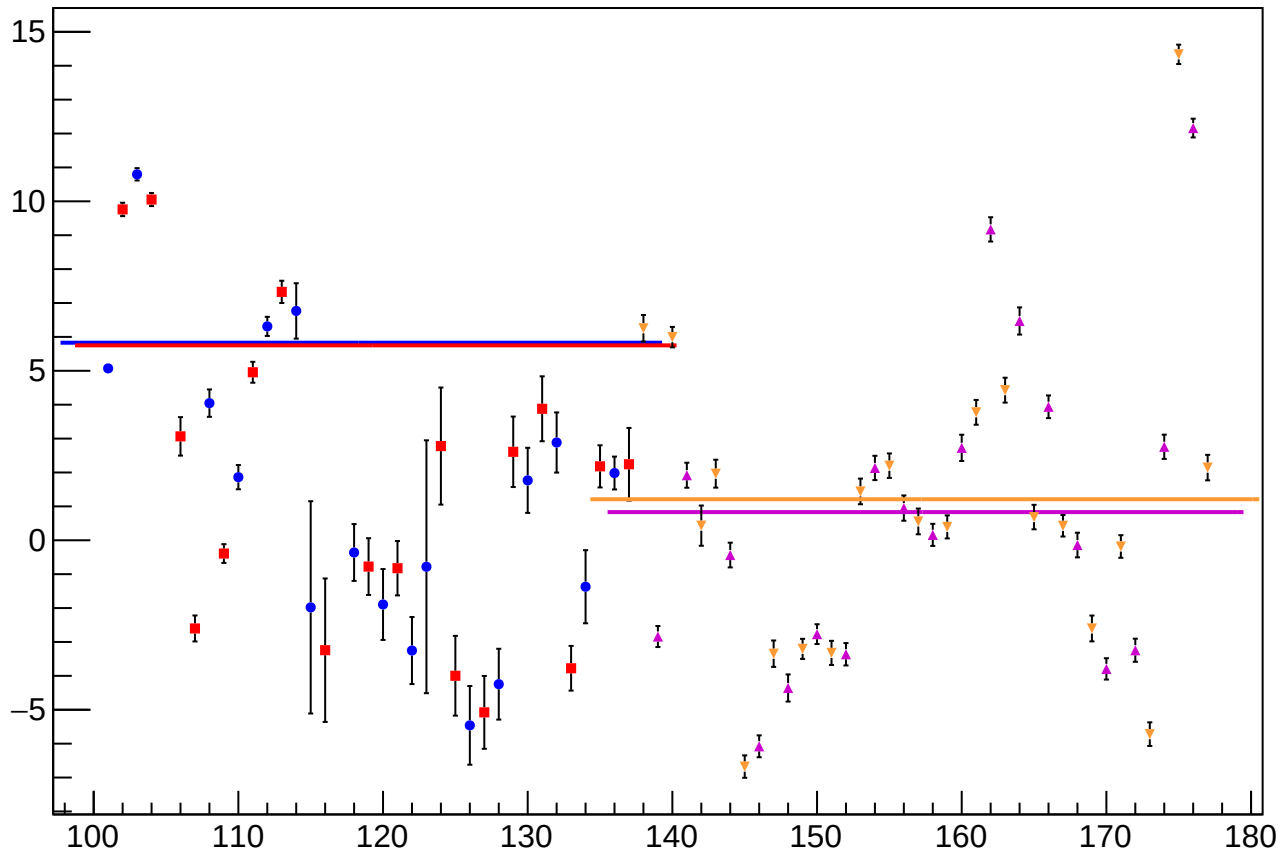
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.596 ± 0.040 χ^2/NDF : 17229.5/35

Out: -2.881 ± 0.041 χ^2/NDF : 21275.5/38

All: -2.735 ± 0.029 χ^2/NDF : 38529.0/74

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 1.210 $\pm$ 0.077 χ^2 /NDF:4292.7/20

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: 0.831 $\pm$ 0.078 χ^2 /NDF:4040.1/18

Left: 1.023 $\pm$ 0.055 χ^2 /NDF: 8344.6/39

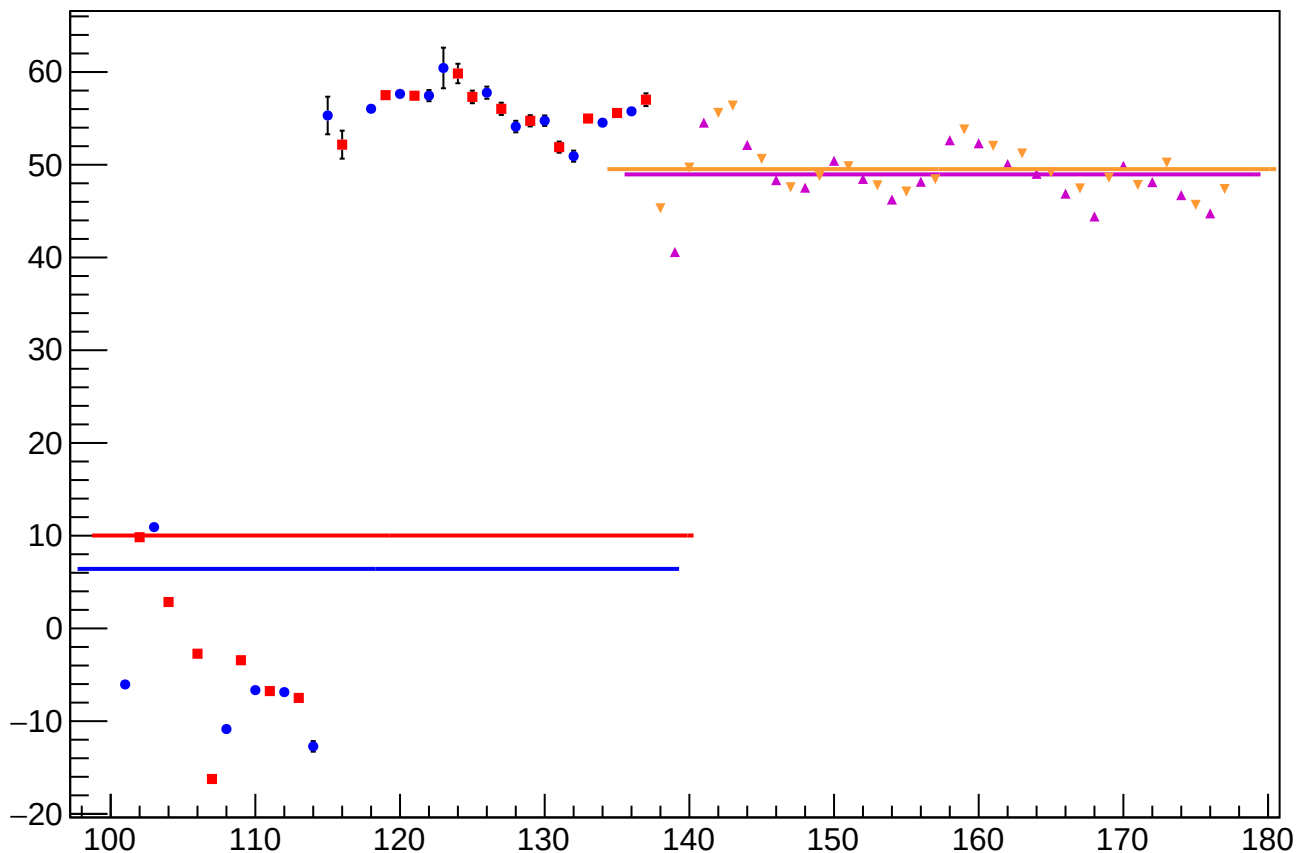
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 2.994 $\pm$ 0.059 χ^2 /NDF:7252.7/35

Out: 2.990 $\pm$ 0.060 χ^2 /NDF:8156.8/38

All: 2.992 $\pm$ 0.042 χ^2 /NDF: 15409.5/74

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: 49.530+/-0.066 χ^2/NDF :1625.5/20

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 48.960+/-0.068 χ^2/NDF :1747.2/18

Left: 49.255+/-0.047 χ^2/NDF : 3408.9/39

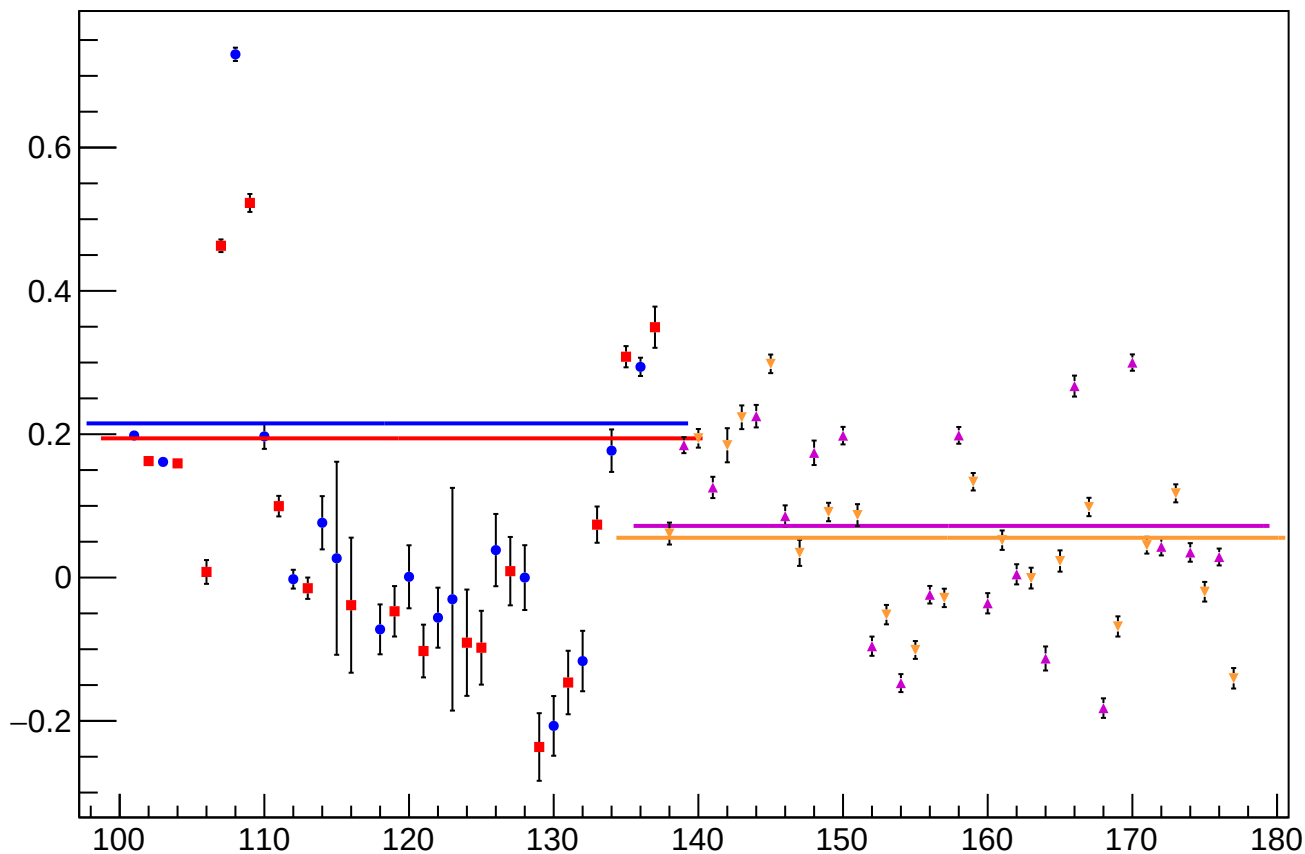
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 26.575+/-0.047 χ^2/NDF :329456.9/35

Out: 31.196+/-0.048 χ^2/NDF :290997.9/38

All: 28.826+/-0.034 χ^2/NDF : 625173.9/74

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.056 ± 0.003 χ^2/NDF : 1267.9/20

Right Out: 0.194 ± 0.003 χ^2/NDF : 2520.1/17

Left In: 0.072 ± 0.003 χ^2/NDF : 2145.7/18

Left: 0.064 ± 0.002 χ^2/NDF : 3428.6/39

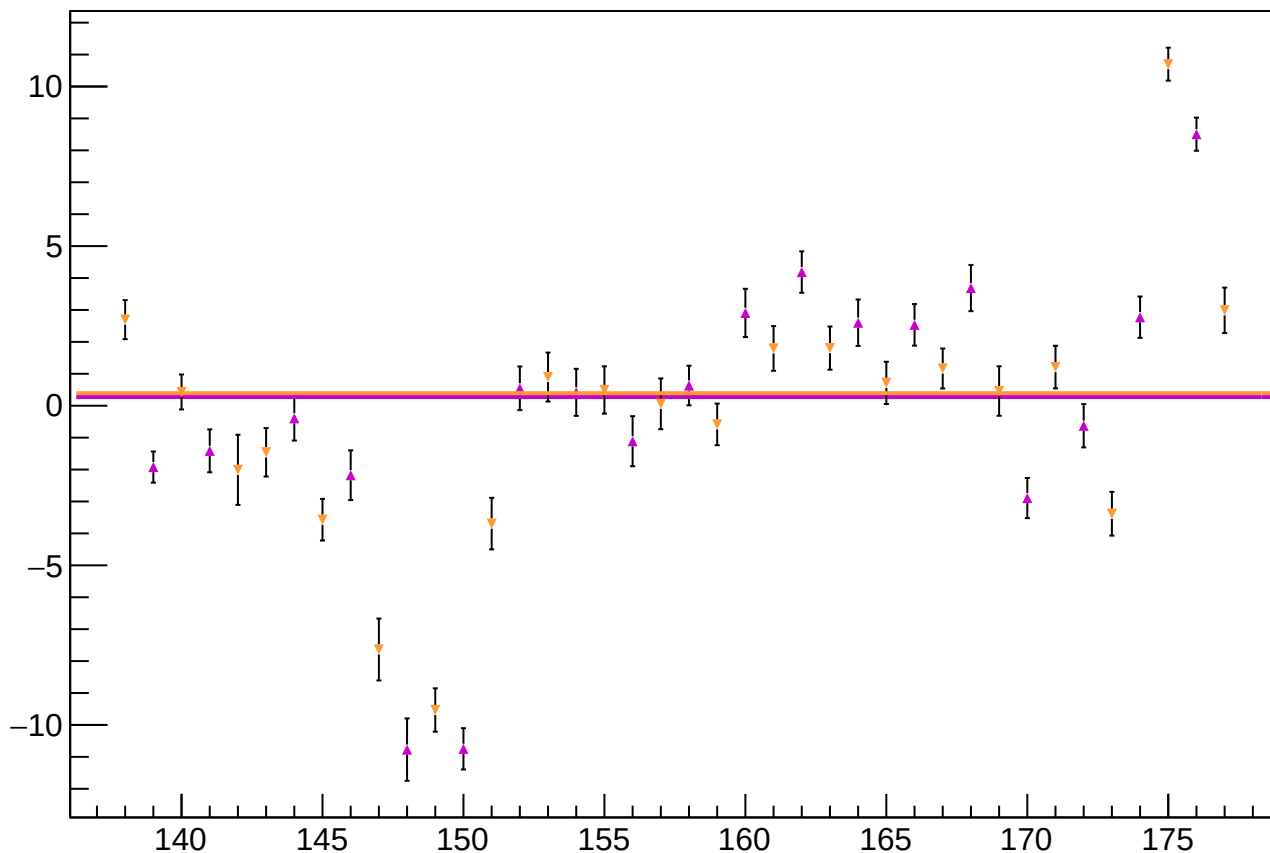
Right: 0.205 ± 0.002 χ^2/NDF : 6475.9/34

In: 0.150 ± 0.002 χ^2/NDF : 7284.0/35

Out: 0.131 ± 0.002 χ^2/NDF : 4940.0/38

All: 0.141 ± 0.001 χ^2/NDF : 12266.2/74

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: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18

Left: 0.333 $\pm$ 0.107 χ^2 /NDF: 1673.3/39

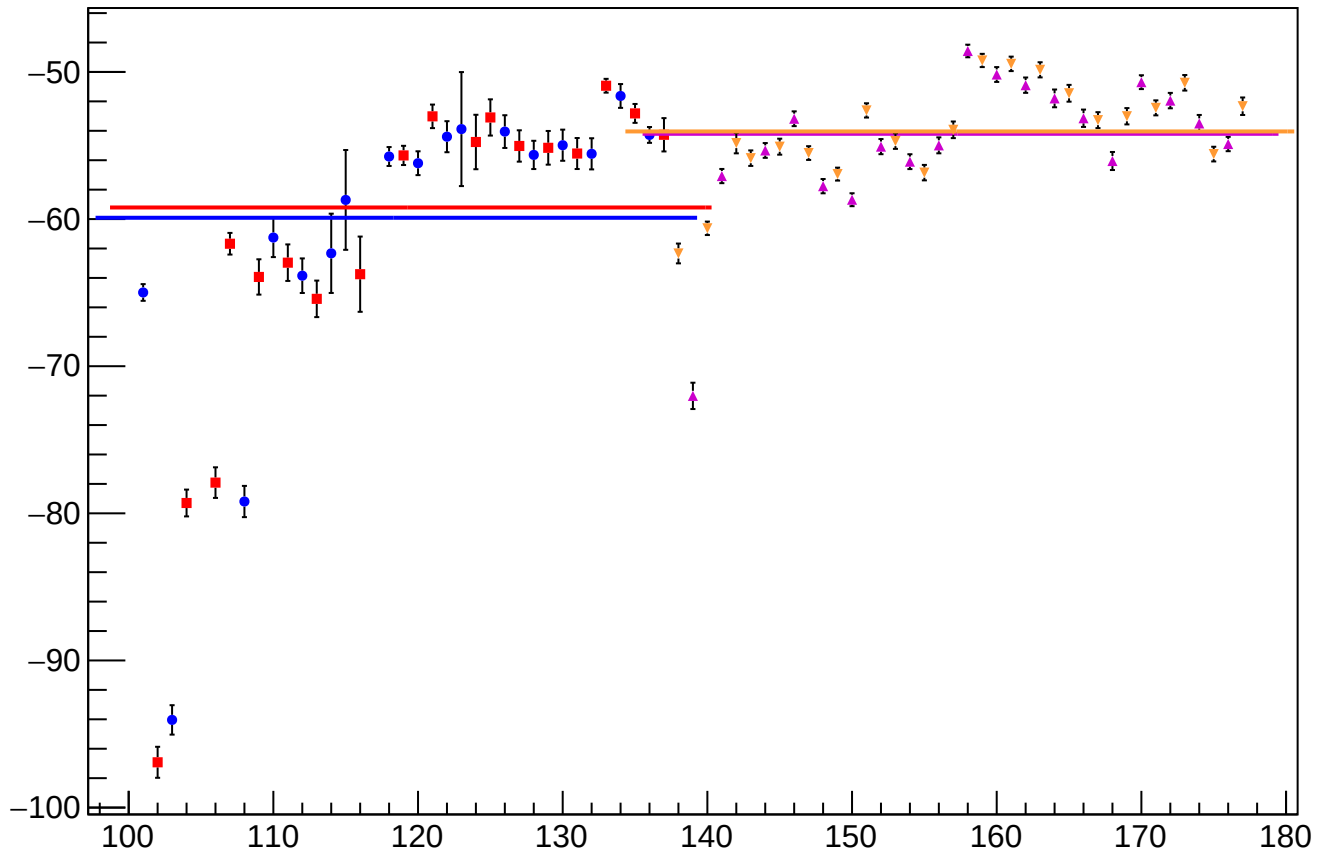
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.273 $\pm$ 0.153 χ^2 /NDF:846.3/18

Out: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20

All: 0.333 $\pm$ 0.107 χ^2 /NDF: 1673.3/39

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: -54.043 ± 0.114 χ^2/NDF : 829.0/20

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.204 ± 0.119 χ^2/NDF : 998.9/18

Left: -54.120 ± 0.082 χ^2/NDF : 1828.8/39

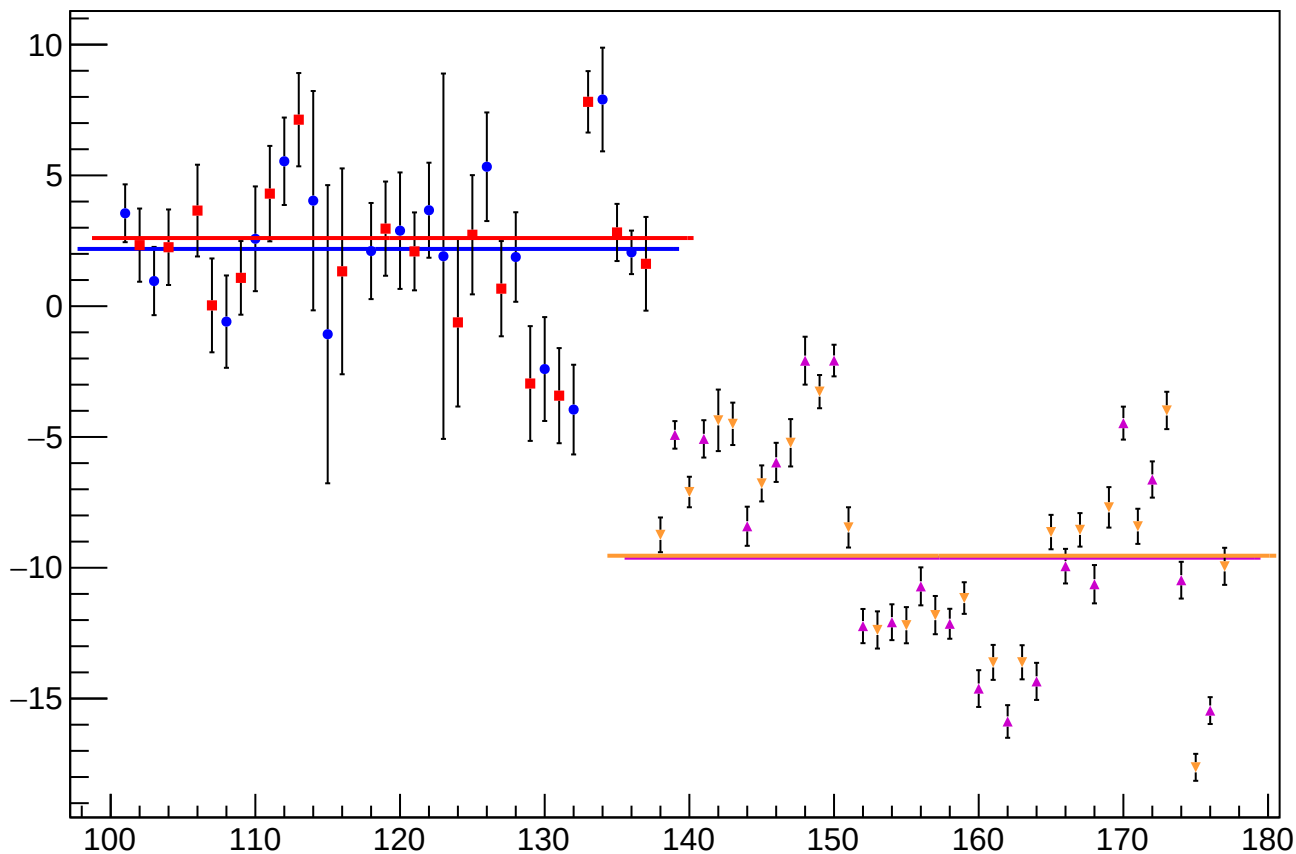
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.467 ± 0.105 χ^2/NDF : 3488.7/35

Out: -55.197 ± 0.100 χ^2/NDF : 4032.1/38

All: -55.326 ± 0.073 χ^2/NDF : 7524.2/74

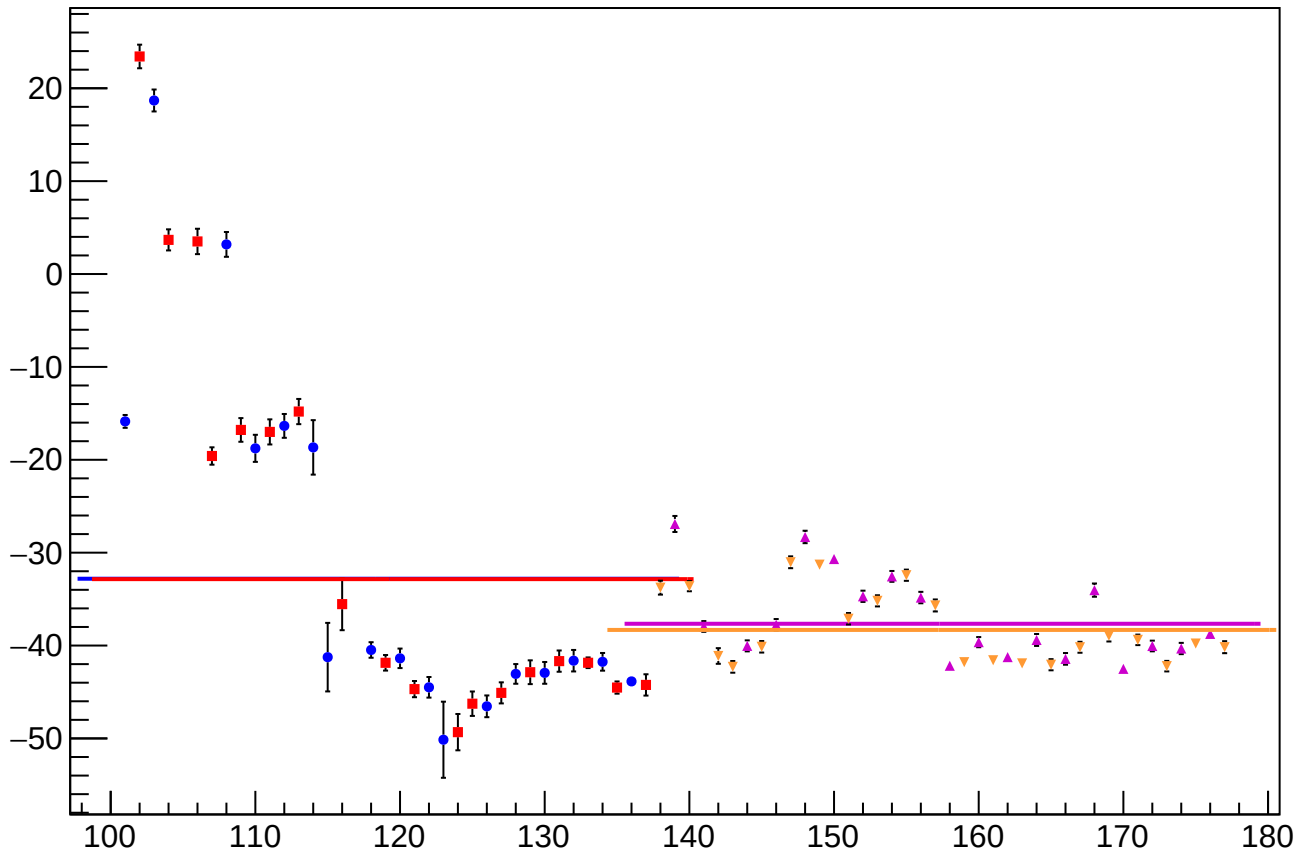
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.540 ± 0.150 $\chi^2/\text{NDF}: 659.4/20$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.615 ± 0.151 $\chi^2/\text{NDF}: 834.0/18$

Left: -9.577 ± 0.106 $\chi^2/\text{NDF}: 1493.5/39$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -8.165 ± 0.142 $\chi^2/\text{NDF}: 1619.9/35$
 Out: -7.985 ± 0.140 $\chi^2/\text{NDF}: 1552.0/38$
 All: -8.074 ± 0.100 $\chi^2/\text{NDF}: 3172.7/74$

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: -38.318 ± 0.129 χ^2/NDF : 872.8/20

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.654 ± 0.134 χ^2/NDF : 1032.1/18

Left: -37.998 ± 0.093 χ^2/NDF : 1917.7/39

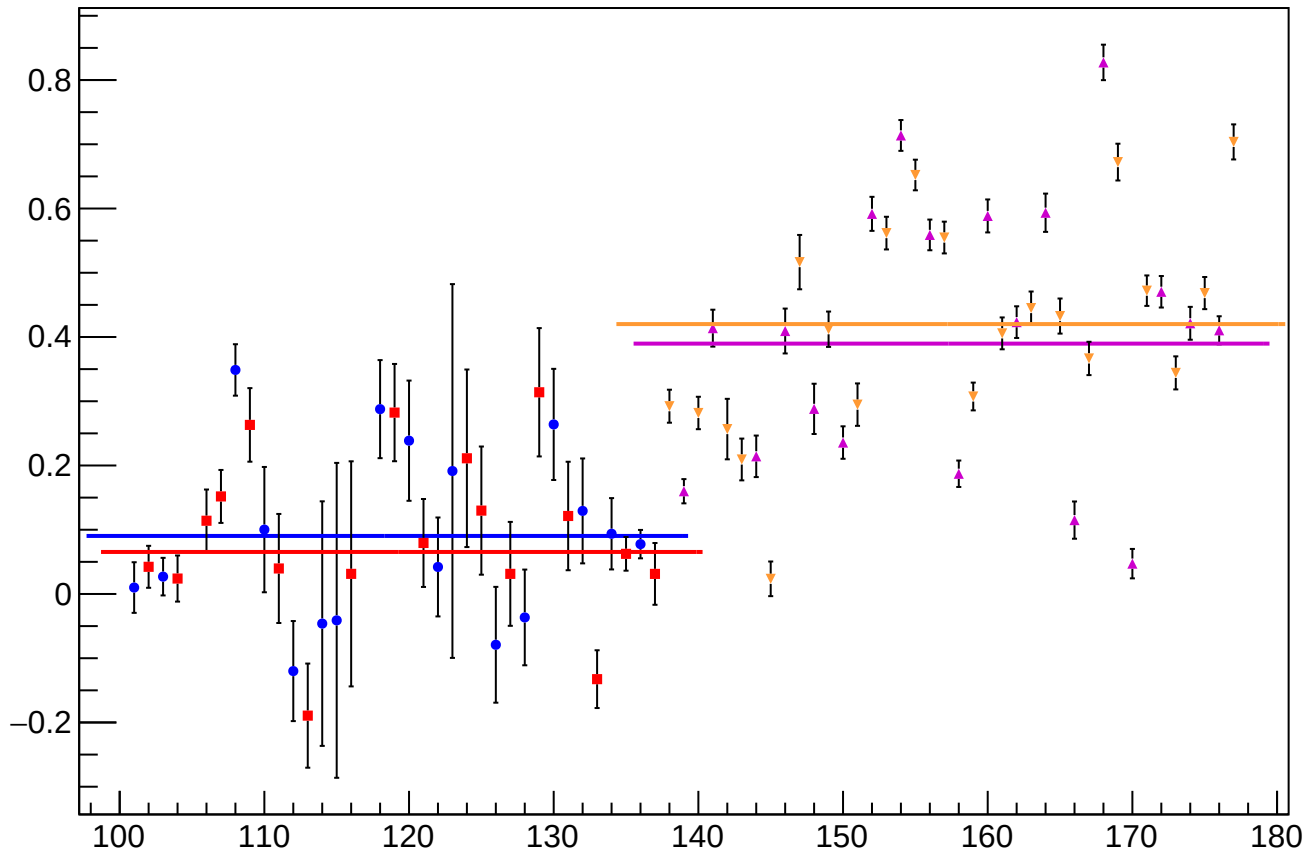
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.604 ± 0.118 χ^2/NDF : 5979.7/35

Out: -37.128 ± 0.114 χ^2/NDF : 7014.8/38

All: -36.876 ± 0.082 χ^2/NDF : 13004.6/74

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.420 ± 0.006 χ^2/NDF : 735.9/20

Right Out: 0.065 ± 0.012 χ^2/NDF : 65.7/17

Left In: 0.390 ± 0.006 χ^2/NDF : 1296.8/18

Left: 0.405 ± 0.004 χ^2/NDF : 2046.1/39

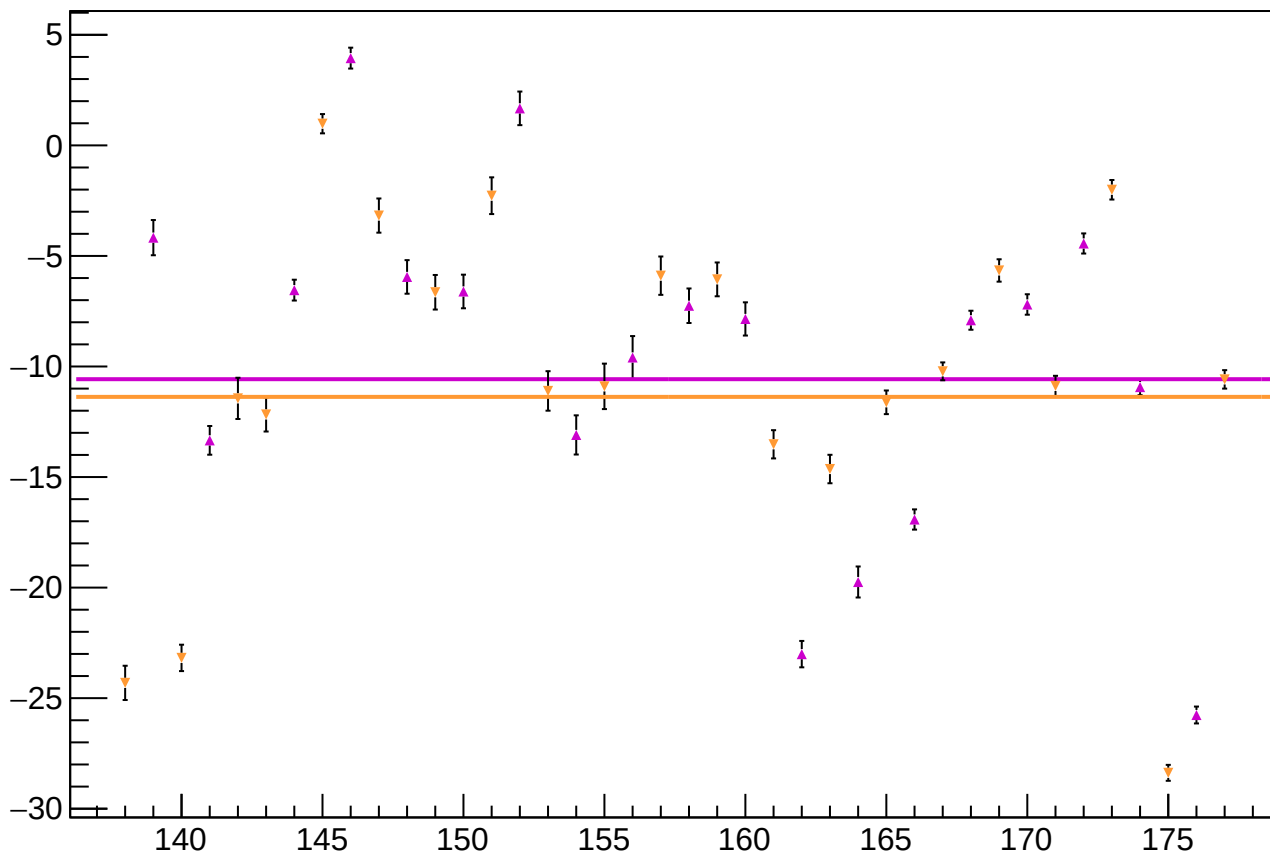
Right: 0.077 ± 0.009 χ^2/NDF : 147.0/34

In: 0.338 ± 0.005 χ^2/NDF : 1833.1/35

Out: 0.354 ± 0.005 χ^2/NDF : 1484.6/38

All: 0.346 ± 0.004 χ^2/NDF : 3322.6/74

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



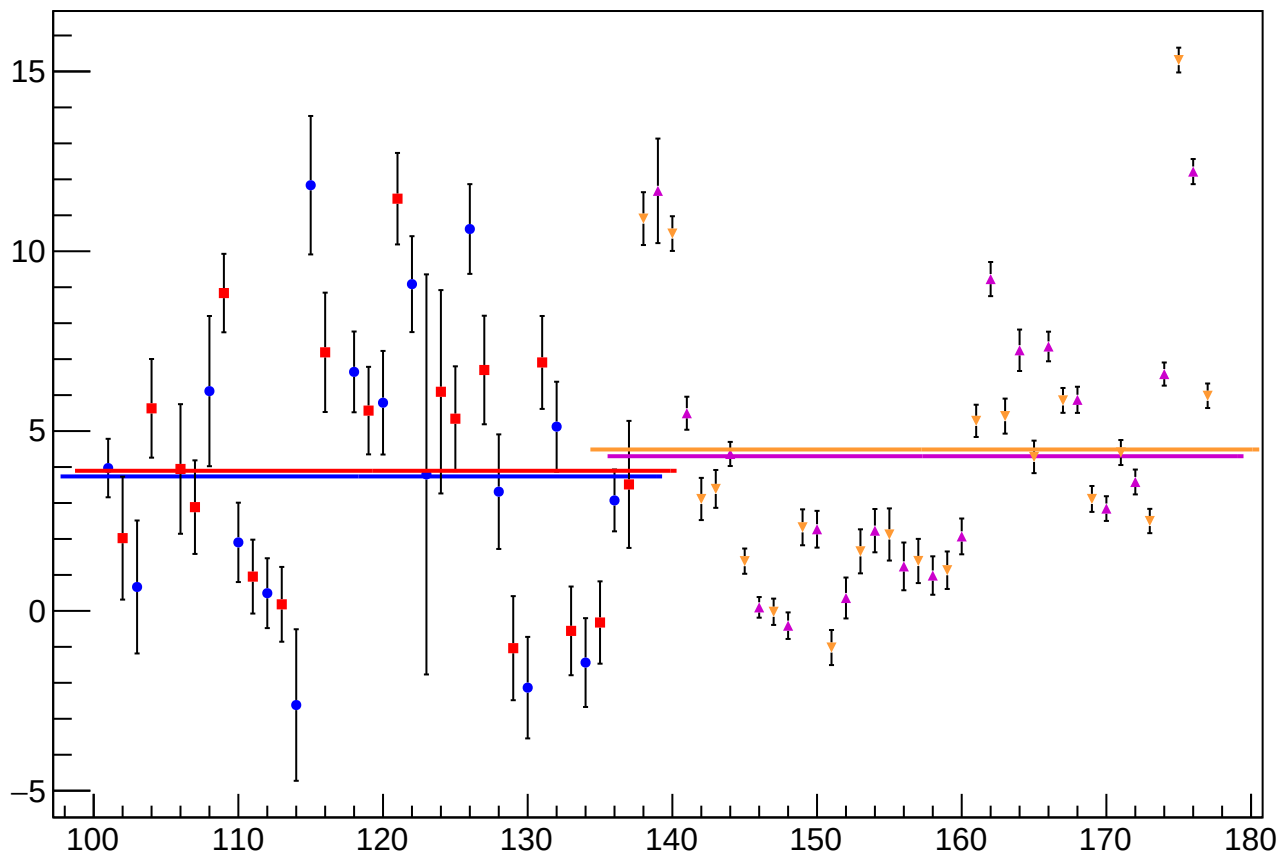
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.374+/-0.125 χ^2/NDF :4686.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.574+/-0.126 χ^2/NDF :4121.2/18

Left: -10.979+/-0.089 χ^2/NDF : 8827.7/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.574+/-0.126 χ^2/NDF :4121.2/18
 Out: -11.374+/-0.125 χ^2/NDF :4686.2/20

All: -10.979+/-0.089 χ^2/NDF : 8827.7/39

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 4.488 $\pm$ 0.095 χ^2 /NDF:1795.4/20

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 4.301 $\pm$ 0.096 χ^2 /NDF:1358.7/18

Left: 4.396 $\pm$ 0.067 χ^2 /NDF: 3156.0/39

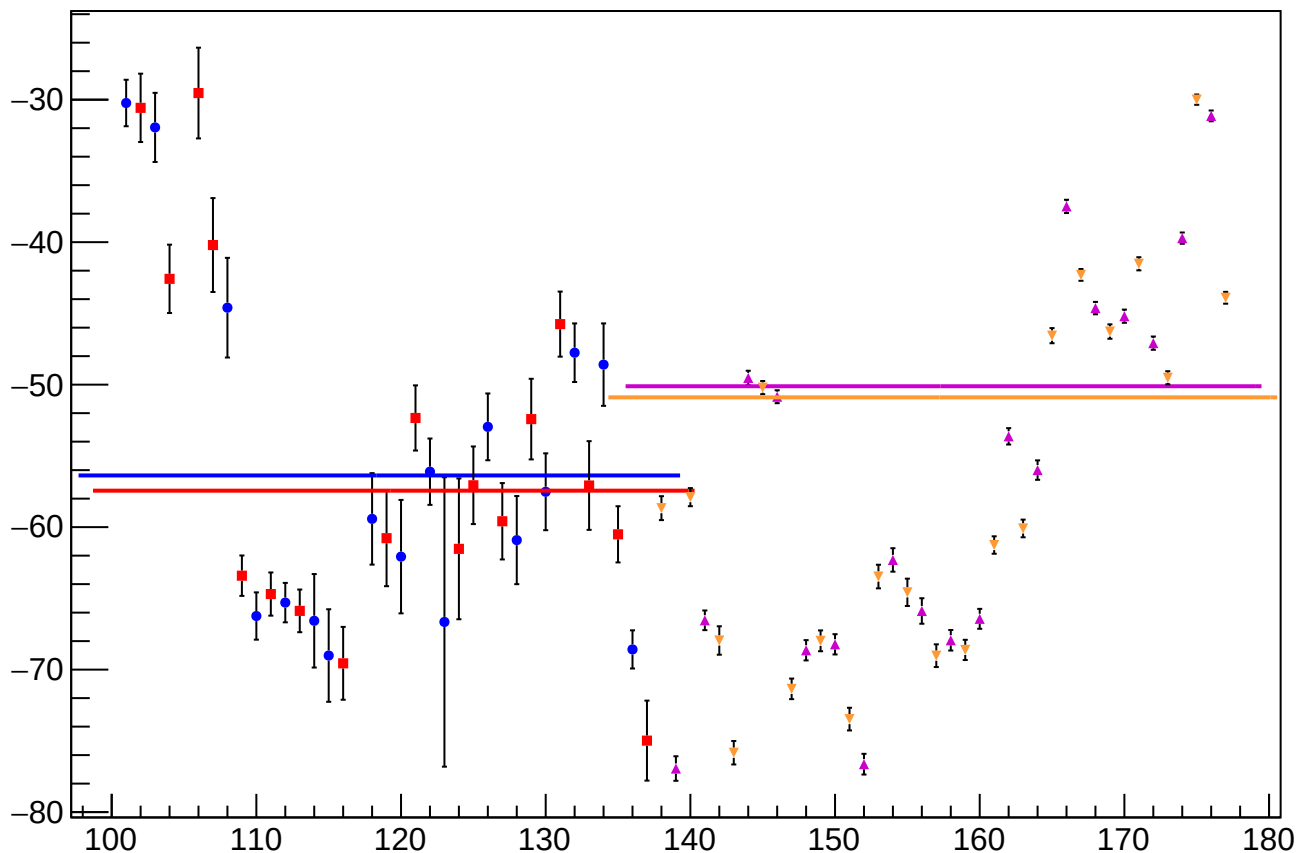
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 4.251 $\pm$ 0.092 χ^2 /NDF:1498.6/35

Out: 4.440 $\pm$ 0.091 χ^2 /NDF:1933.4/38

All: 4.346 $\pm$ 0.064 χ^2 /NDF: 3434.1/74

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -50.892 ± 0.125 χ^2/NDF : 10285.4/20

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -50.112 ± 0.127 χ^2/NDF : 10256.7/18

Left: -50.507 ± 0.089 χ^2/NDF : 20561.4/39

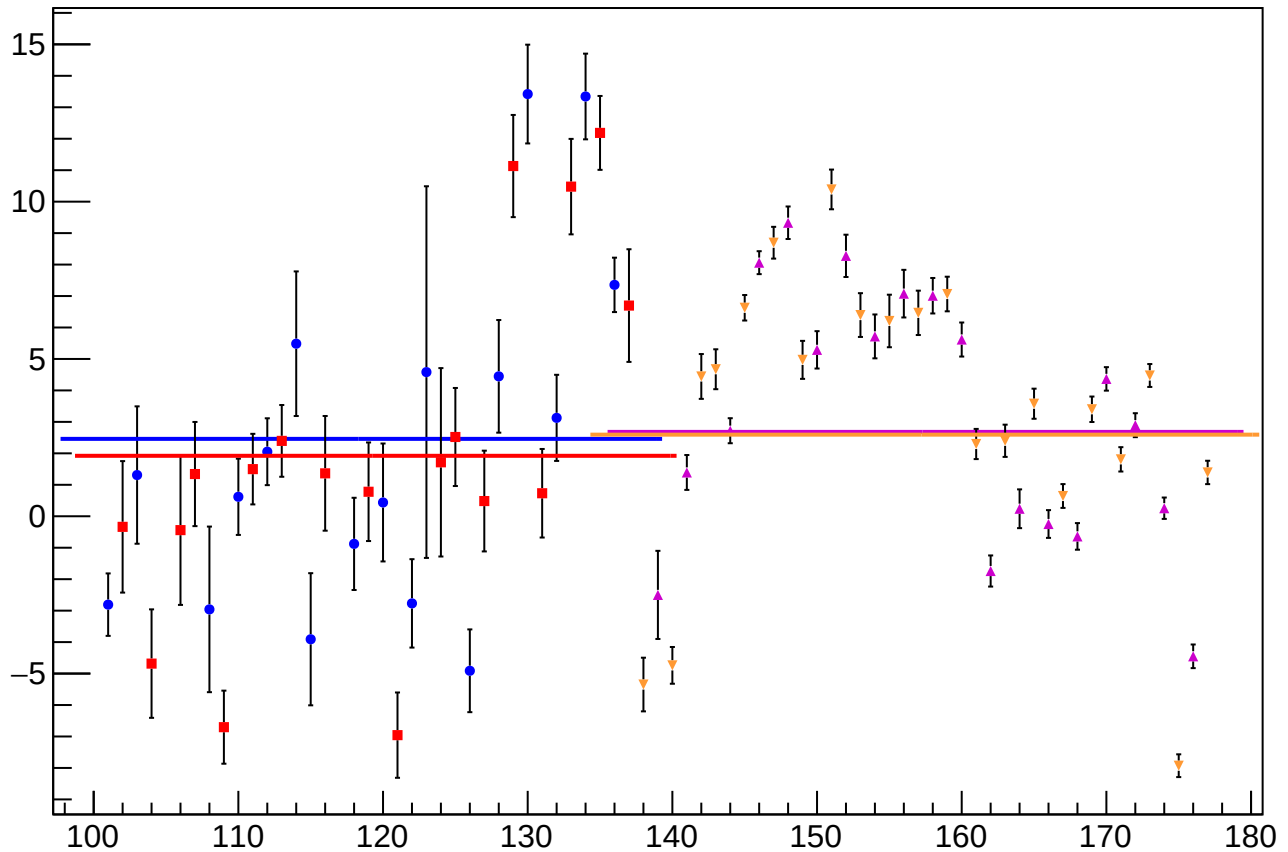
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -50.435 ± 0.123 χ^2/NDF : 10970.4/35

Out: -51.229 ± 0.122 χ^2/NDF : 10867.5/38

All: -50.836 ± 0.087 χ^2/NDF : 21858.9/74

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 2.594 ± 0.107 χ^2/NDF : 1741.5/20

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 2.682 ± 0.109 χ^2/NDF : 1265.4/18

Left: 2.637 ± 0.076 χ^2/NDF : 3007.2/39

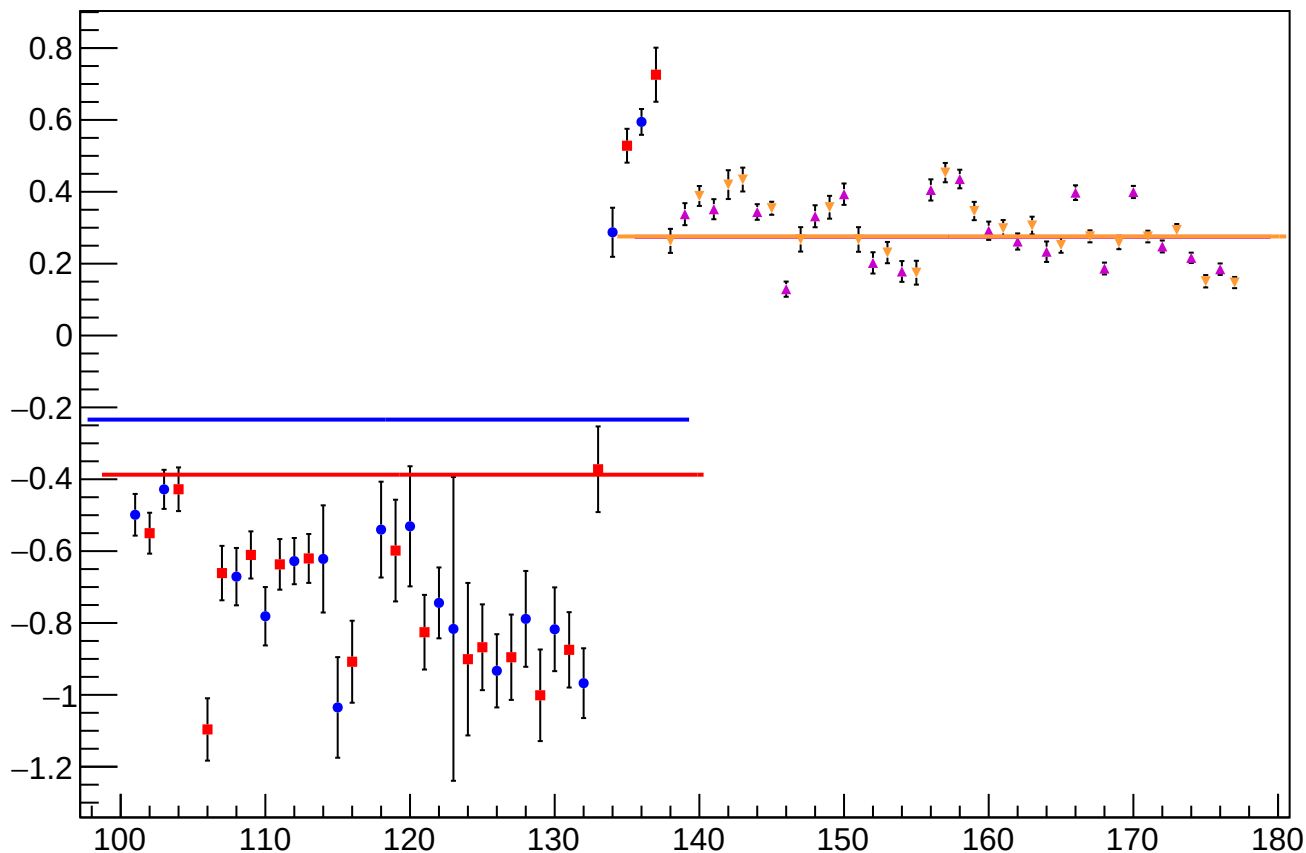
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 2.662 ± 0.104 χ^2/NDF : 1509.7/35

Out: 2.538 ± 0.102 χ^2/NDF : 2009.9/38

All: 2.599 ± 0.073 χ^2/NDF : 3520.3/74

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 $\pm$ 0.019 χ^2 /NDF: 958.3/16

Left Out: 0.276 $\pm$ 0.005 χ^2 /NDF:265.8/20

Right Out: -0.387 $\pm$ 0.019 χ^2 /NDF: 846.6/17

Left In: 0.275 $\pm$ 0.005 χ^2 /NDF:336.5/18

Left: 0.275 $\pm$ 0.003 χ^2 /NDF: 602.4/39

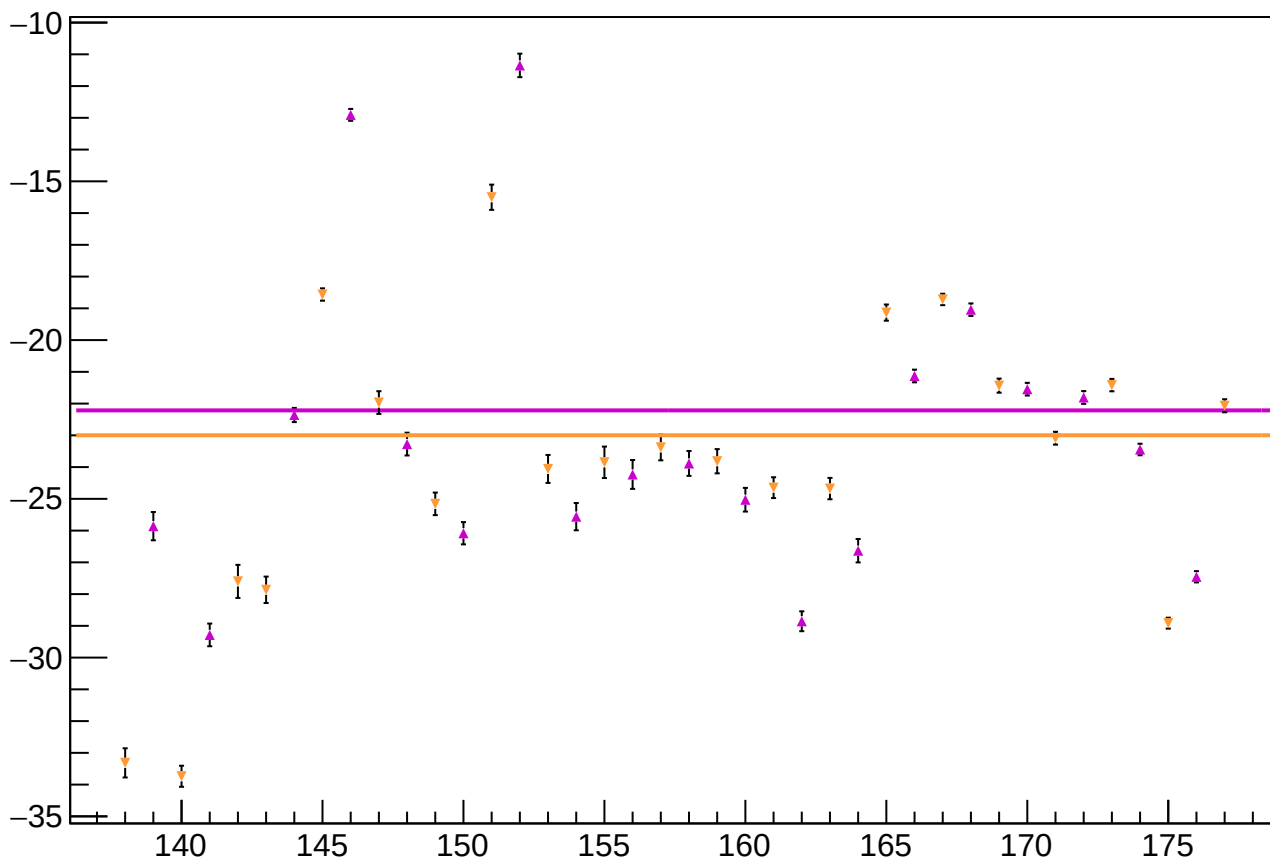
Right: -0.310 $\pm$ 0.013 χ^2 /NDF: 1837.6/34

In: 0.242 $\pm$ 0.005 χ^2 /NDF:1972.6/35

Out: 0.234 $\pm$ 0.005 χ^2 /NDF:2253.3/38

All: 0.238 $\pm$ 0.003 χ^2 /NDF: 4227.2/74

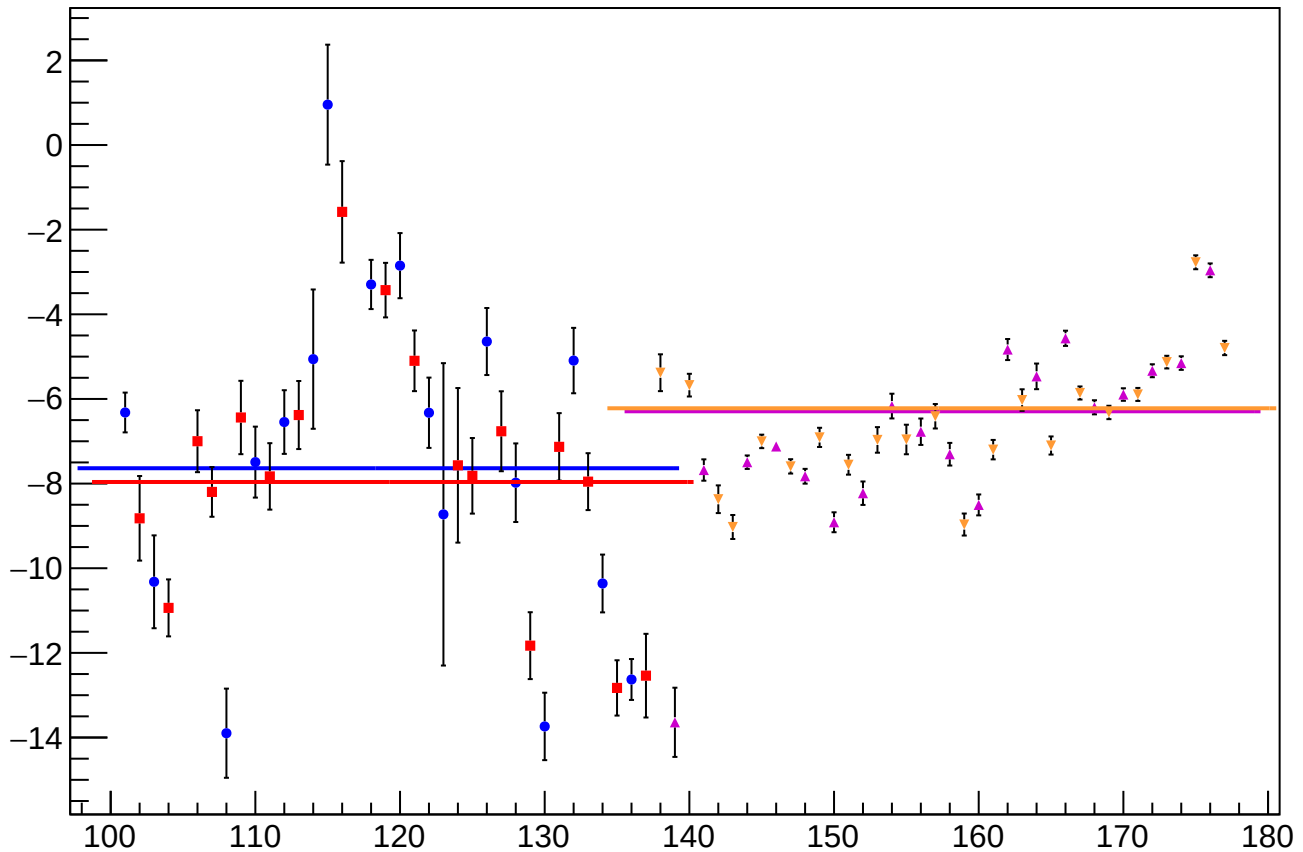
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.997+/-0.059 χ^2/NDF :4860.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.214+/-0.059 χ^2/NDF :5890.7/18

Left: -22.604+/-0.042 χ^2/NDF : 10839.3/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -22.214+/-0.059 χ^2/NDF :5890.7/18
 Out: -22.997+/-0.059 χ^2/NDF :4860.5/20
 All: -22.604+/-0.042 χ^2/NDF : 10839.3/39

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: -6.220 ± 0.045 χ^2/NDF : 1012.8/20

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.291 ± 0.045 χ^2/NDF : 1215.3/18

Left: -6.256 ± 0.032 χ^2/NDF : 2229.4/39

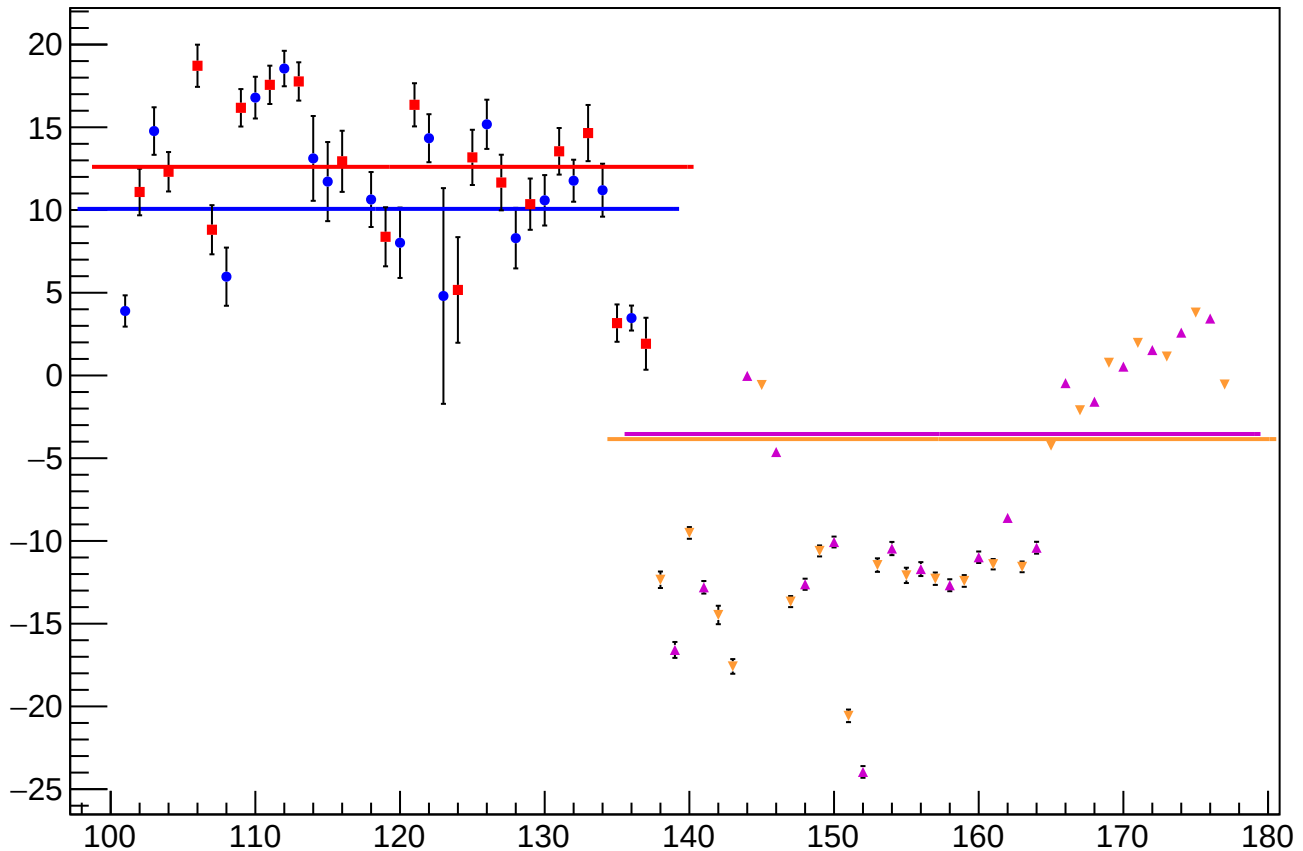
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.364 ± 0.043 χ^2/NDF : 1658.8/35

Out: -6.317 ± 0.044 χ^2/NDF : 1322.4/38

All: -6.341 ± 0.031 χ^2/NDF : 2981.8/74

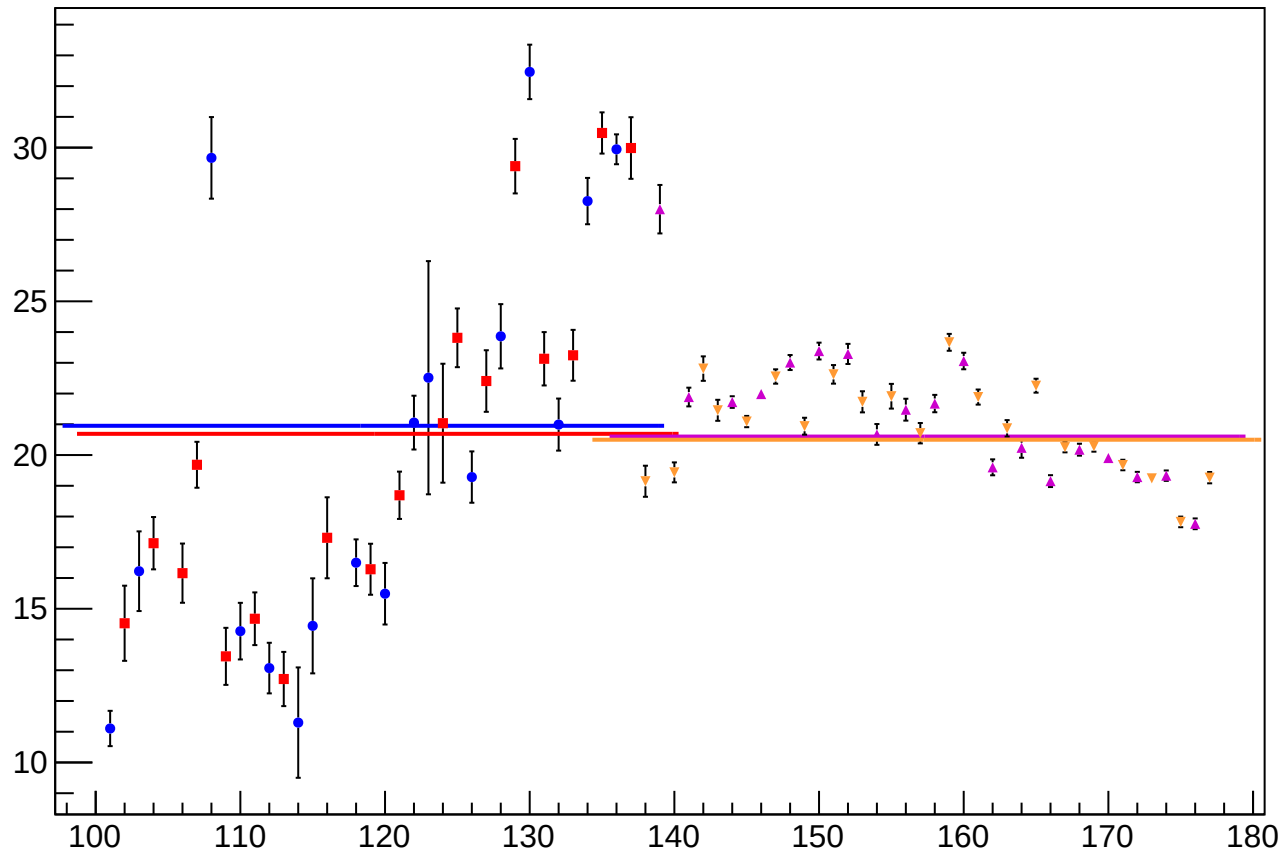
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -3.845 ± 0.059 $\chi^2/\text{NDF}: 12401.8/20$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -3.536 ± 0.059 $\chi^2/\text{NDF}: 12353.7/18$

Left: -3.690 ± 0.042 $\chi^2/\text{NDF}: 24769.1/39$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -3.134 ± 0.058 $\chi^2/\text{NDF}: 14184.8/35$
 Out: -3.340 ± 0.058 $\chi^2/\text{NDF}: 14985.9/38$
 All: -3.236 ± 0.041 $\chi^2/\text{NDF}: 29177.0/74$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.498 $\pm$ 0.051 χ^2 /NDF:823.1/20

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.601 $\pm$ 0.051 χ^2 /NDF:1078.3/18

Left: 20.550 $\pm$ 0.036 χ^2 /NDF: 1903.5/39

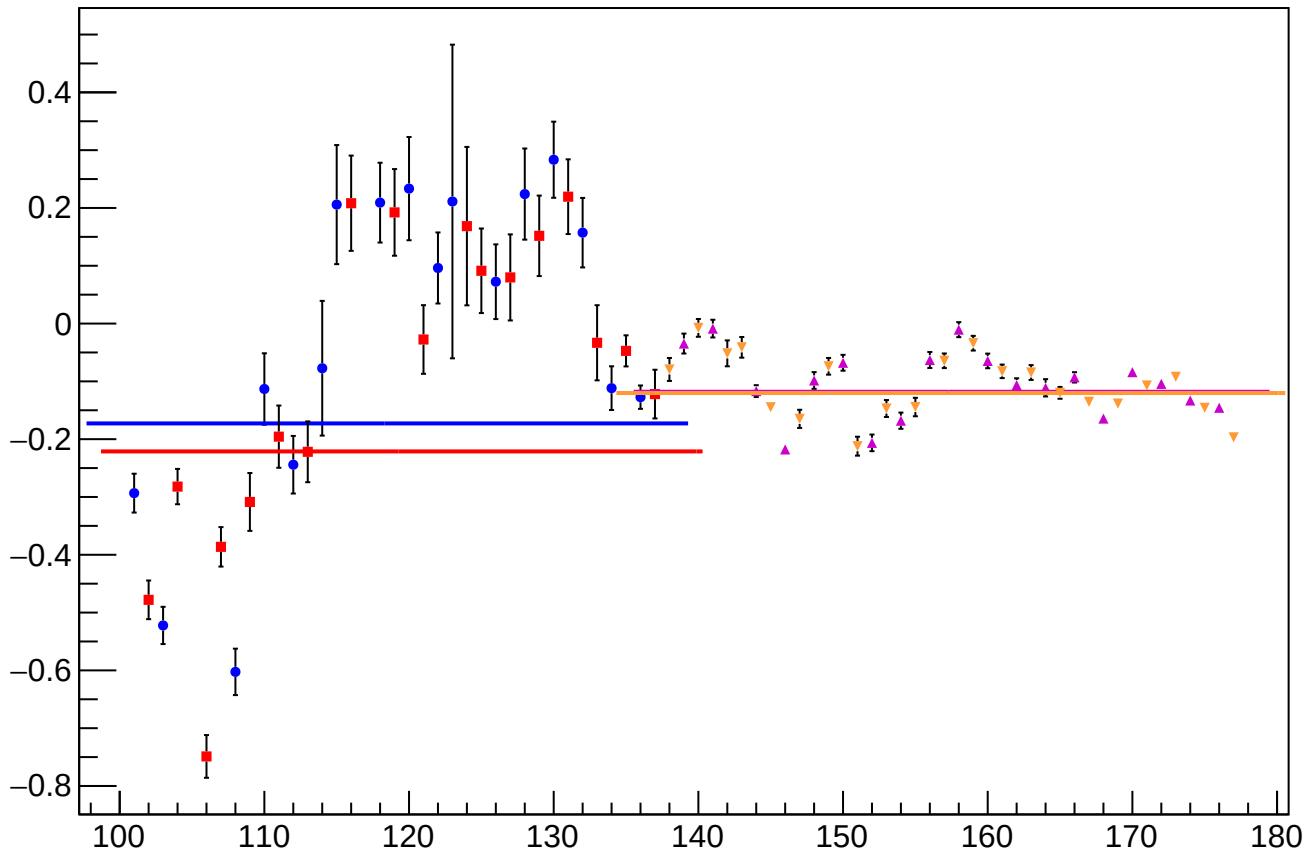
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.620 $\pm$ 0.049 χ^2 /NDF:2303.7/35

Out: 20.508 $\pm$ 0.049 χ^2 /NDF:1550.8/38

All: 20.564 $\pm$ 0.035 χ^2 /NDF: 3857.1/74

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: -0.120 ± 0.002 χ^2/NDF : 369.9/20

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.118 ± 0.002 χ^2/NDF : 471.3/18

Left: -0.119 ± 0.002 χ^2/NDF : 841.6/39

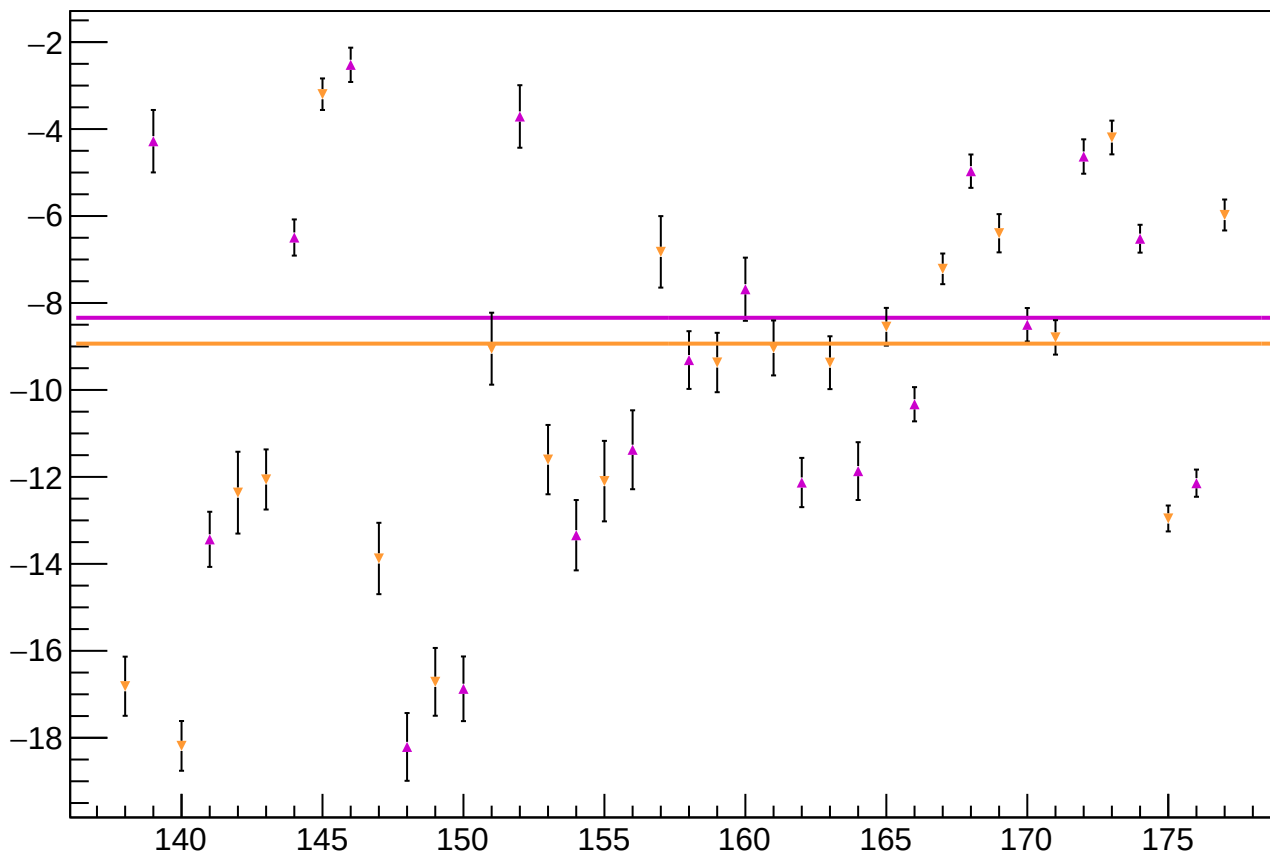
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.120 ± 0.002 χ^2/NDF : 954.5/35

Out: -0.124 ± 0.002 χ^2/NDF : 986.3/38

All: -0.122 ± 0.002 χ^2/NDF : 1942.6/74

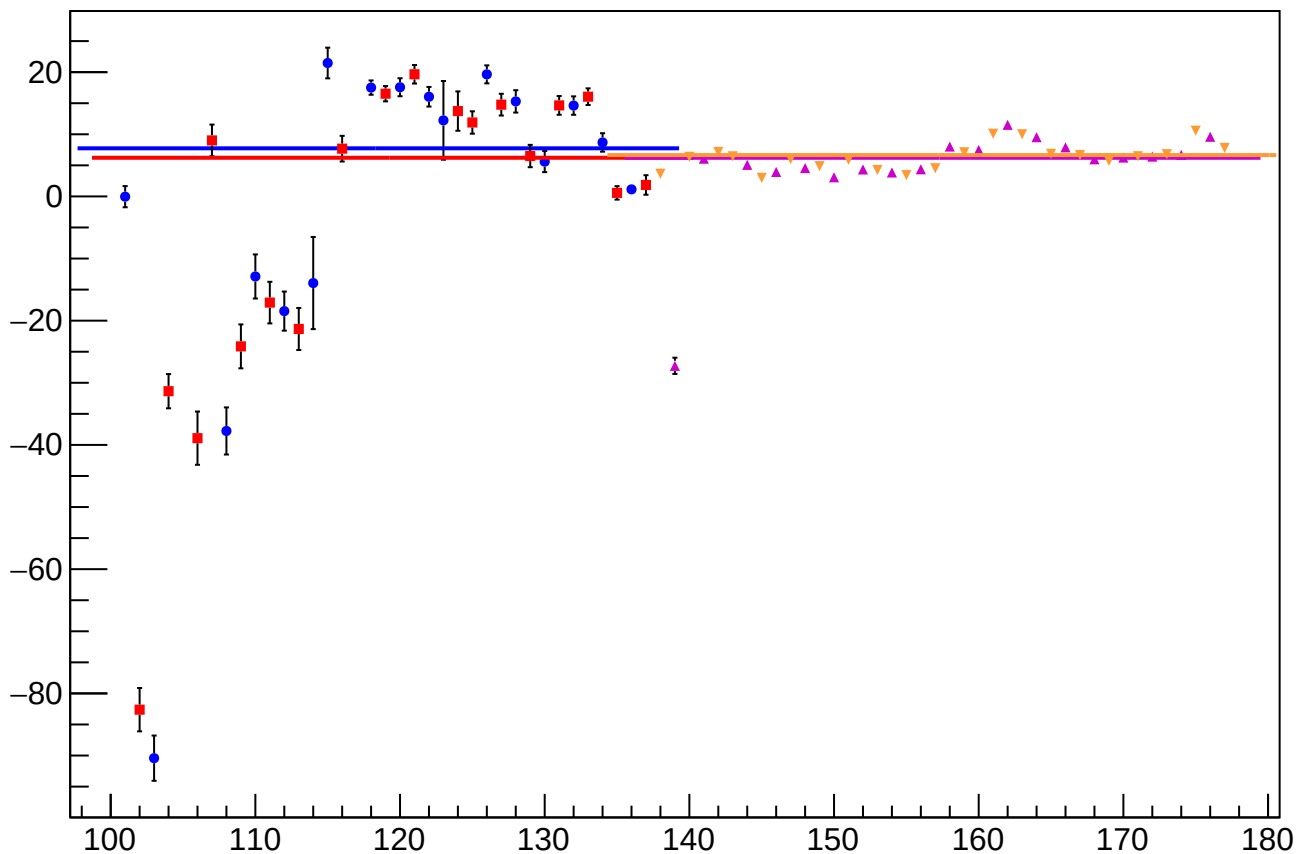
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.340+/-0.111 χ^2/NDF :1163.6/18

Left: -8.642+/-0.078 χ^2/NDF : 2482.6/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.340+/-0.111 χ^2/NDF :1163.6/18
 Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 All: -8.642+/-0.078 χ^2/NDF : 2482.6/39

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.656 ± 0.085 $\chi^2/\text{NDF}: 588.9/20$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 6.217 ± 0.086 $\chi^2/\text{NDF}: 1215.0/18$

Left: 6.439 ± 0.060 $\chi^2/\text{NDF}: 1817.2/39$

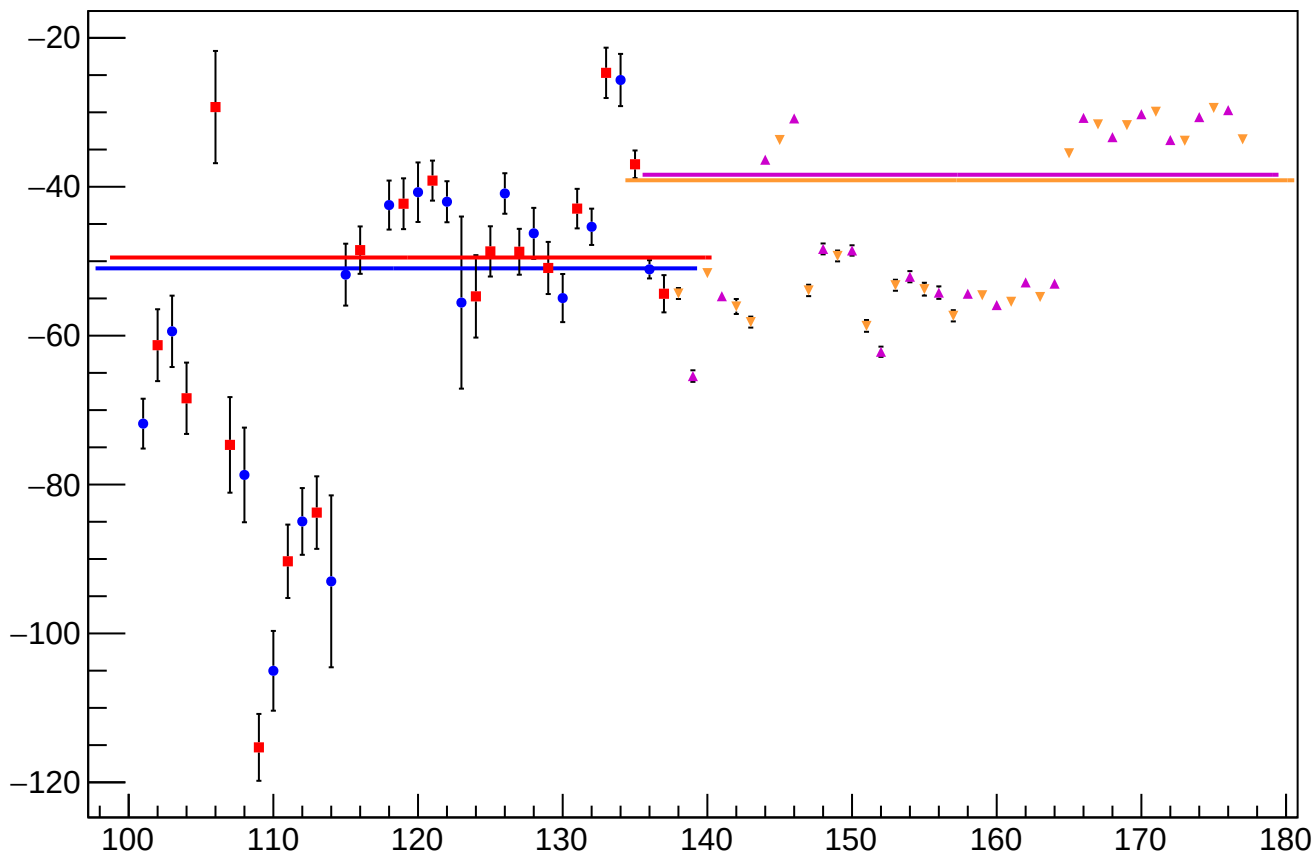
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 6.283 ± 0.084 $\chi^2/\text{NDF}: 2587.6/35$

Out: 6.640 ± 0.083 $\chi^2/\text{NDF}: 2035.8/38$

All: 6.463 ± 0.059 $\chi^2/\text{NDF}: 4632.6/74$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -39.128 ± 0.110 χ^2/NDF : 9229.8/20

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -38.385 ± 0.112 χ^2/NDF : 9457.6/18

Left: -38.761 ± 0.079 χ^2/NDF : 18709.7/39

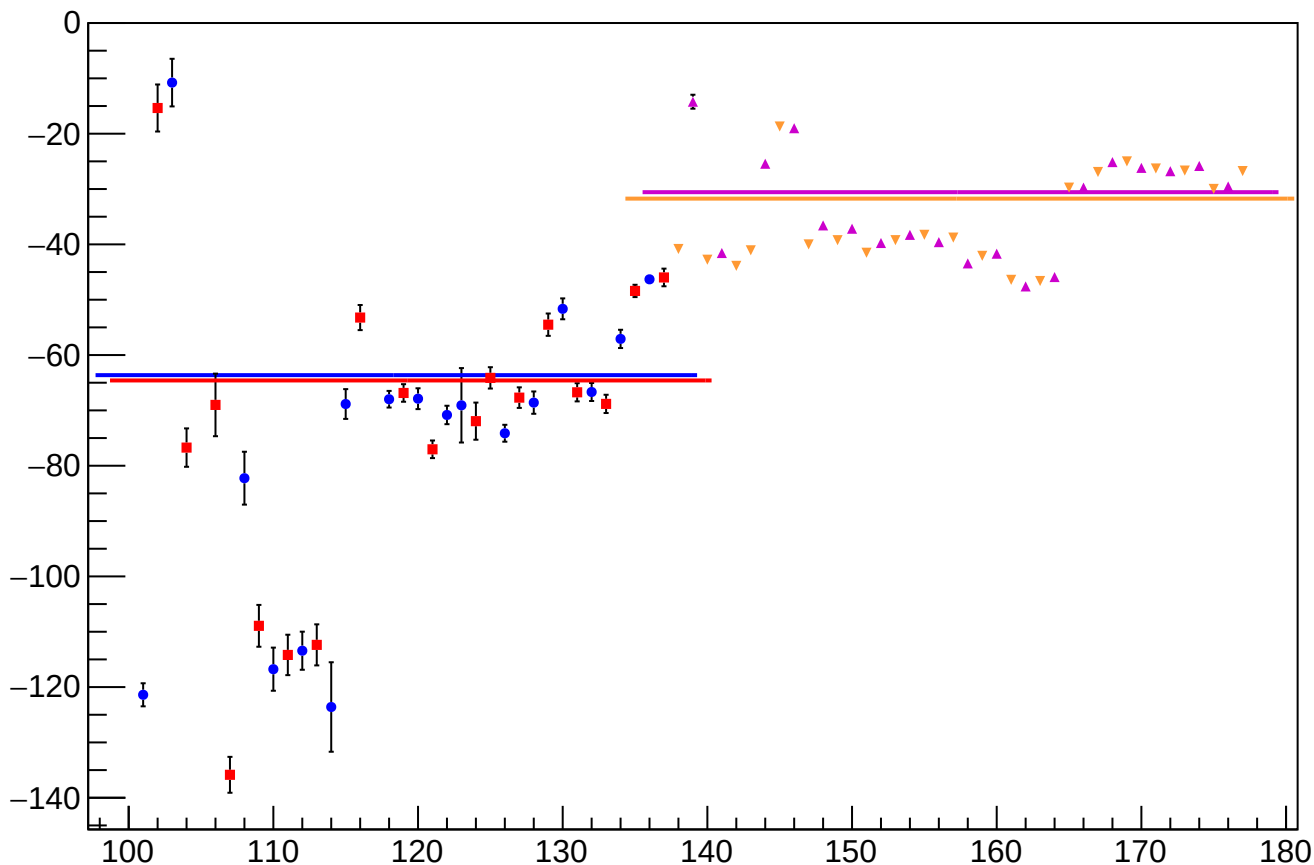
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -38.666 ± 0.110 χ^2/NDF : 10073.0/35

Out: -39.323 ± 0.109 χ^2/NDF : 9902.0/38

All: -38.998 ± 0.078 χ^2/NDF : 19992.9/74

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -31.733 $\pm$ 0.095 χ^2 /NDF: 7334.3/20

Right Out: -64.590 $\pm$ 0.482 χ^2 /NDF: 1594.3/17

Left In: -30.568 $\pm$ 0.097 χ^2 /NDF: 6893.1/18

Left: -31.163 $\pm$ 0.068 χ^2 /NDF: 14301.0/39

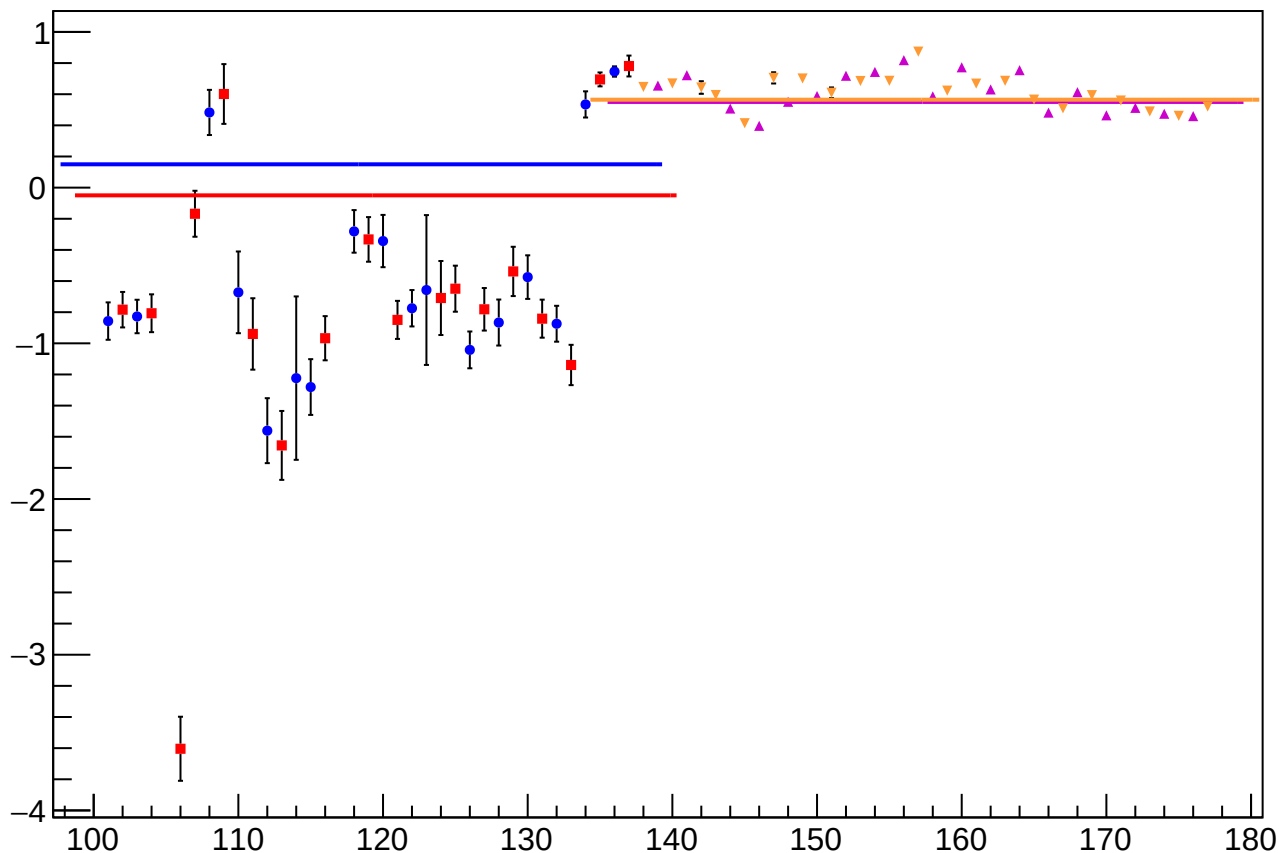
Right: -64.073 $\pm$ 0.327 χ^2 /NDF: 3607.7/34

In: -32.063 $\pm$ 0.095 χ^2 /NDF: 14155.1/35

Out: -32.958 $\pm$ 0.093 χ^2 /NDF: 13399.1/38

All: -32.518 $\pm$ 0.066 χ^2 /NDF: 27599.7/74

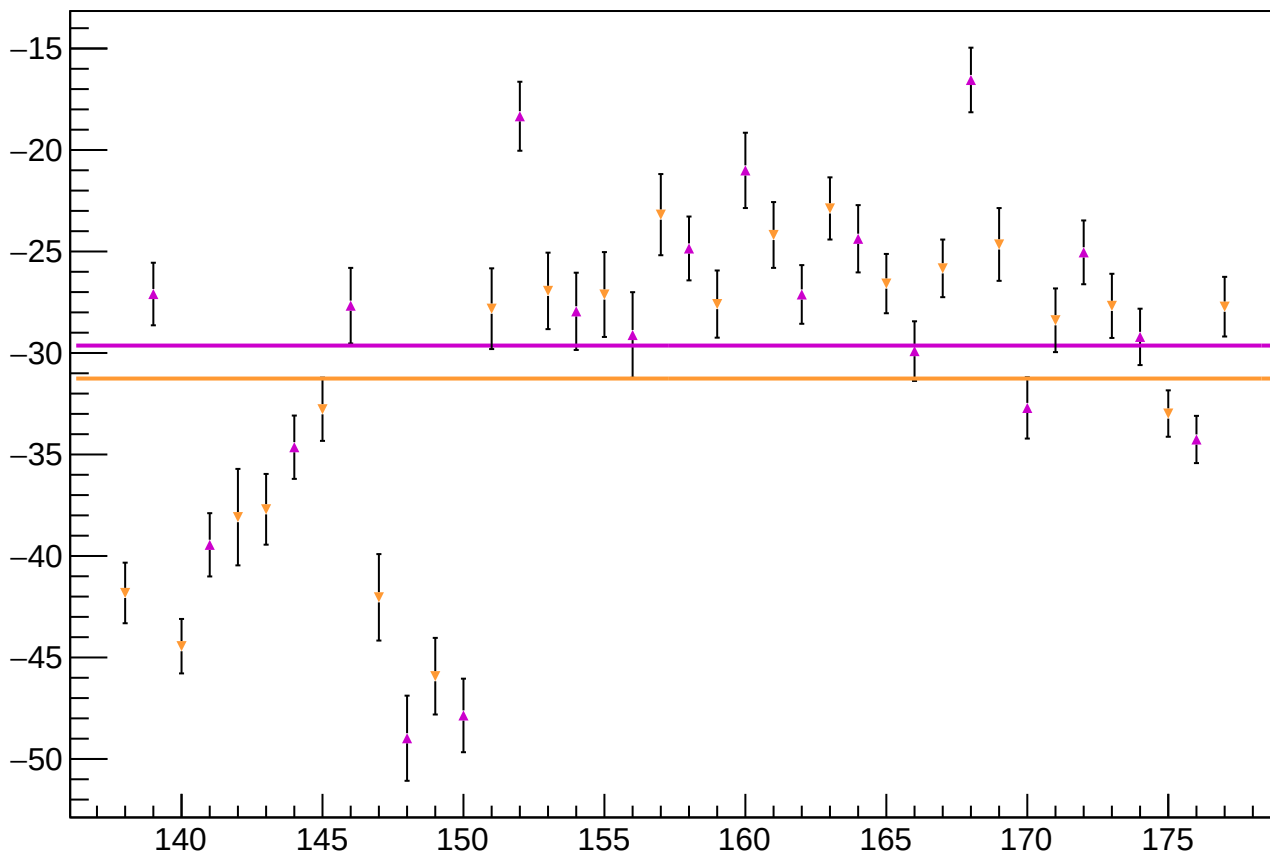
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.565 ± 0.004 $\chi^2/\text{NDF}: 507.6/20$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.550 ± 0.004 $\chi^2/\text{NDF}: 634.0/18$

Left: 0.558 ± 0.003 $\chi^2/\text{NDF}: 1147.1/39$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.537 ± 0.004 $\chi^2/\text{NDF}: 1892.8/35$
 Out: 0.548 ± 0.004 $\chi^2/\text{NDF}: 2195.6/38$
 All: 0.543 ± 0.003 $\chi^2/\text{NDF}: 4091.7/74$

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: -31.259+/-0.355 χ^2/NDF :392.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.634+/-0.367 χ^2/NDF :425.3/18

Left: -30.474+/-0.255 χ^2/NDF : 828.3/39

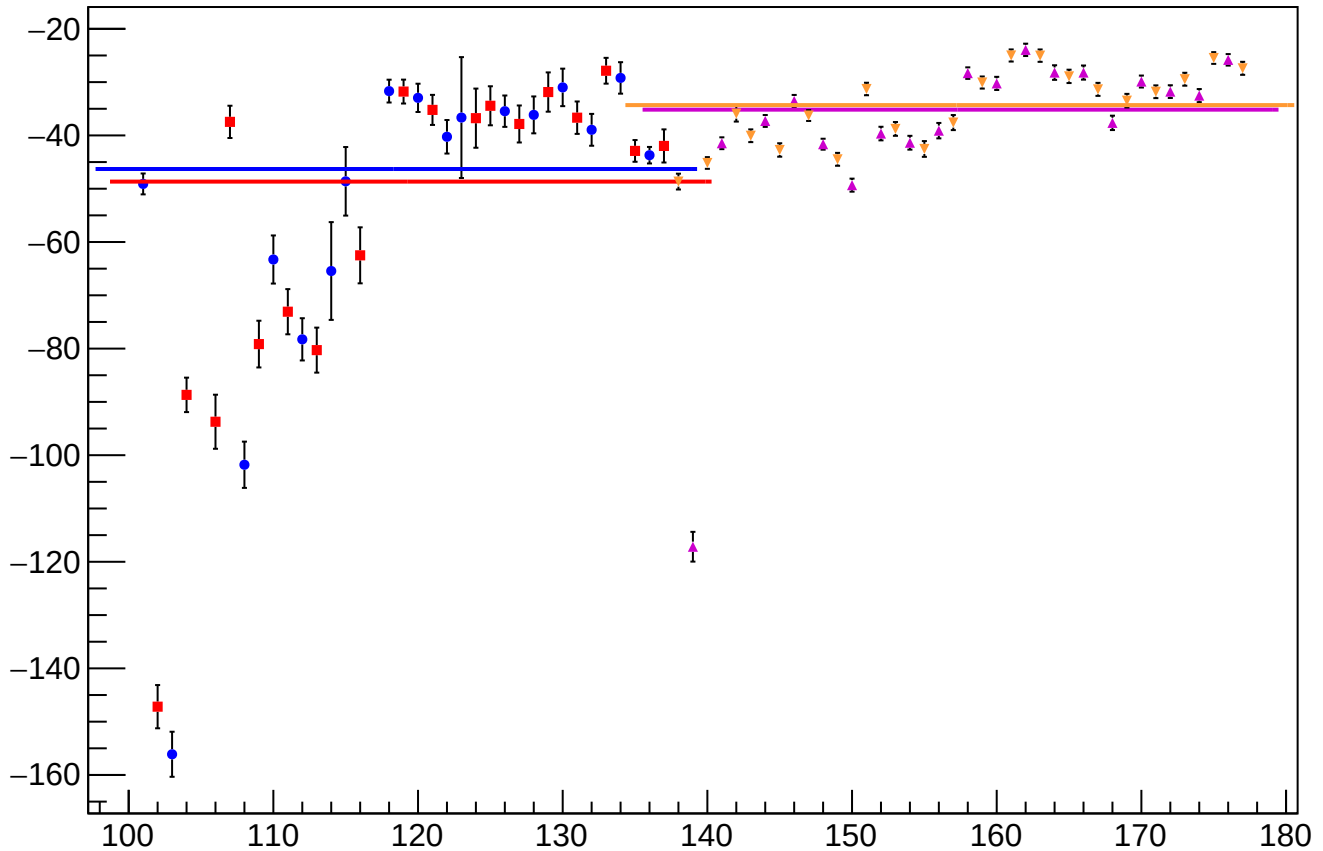
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.634+/-0.367 χ^2/NDF :425.3/18

Out: -31.259+/-0.355 χ^2/NDF :392.9/20

All: -30.474+/-0.255 χ^2/NDF : 828.3/39

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.311 ± 0.267 χ^2/NDF : 675.3/20

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -35.165 ± 0.280 χ^2/NDF : 1433.5/18

Left: -34.717 ± 0.193 χ^2/NDF : 2113.7/39

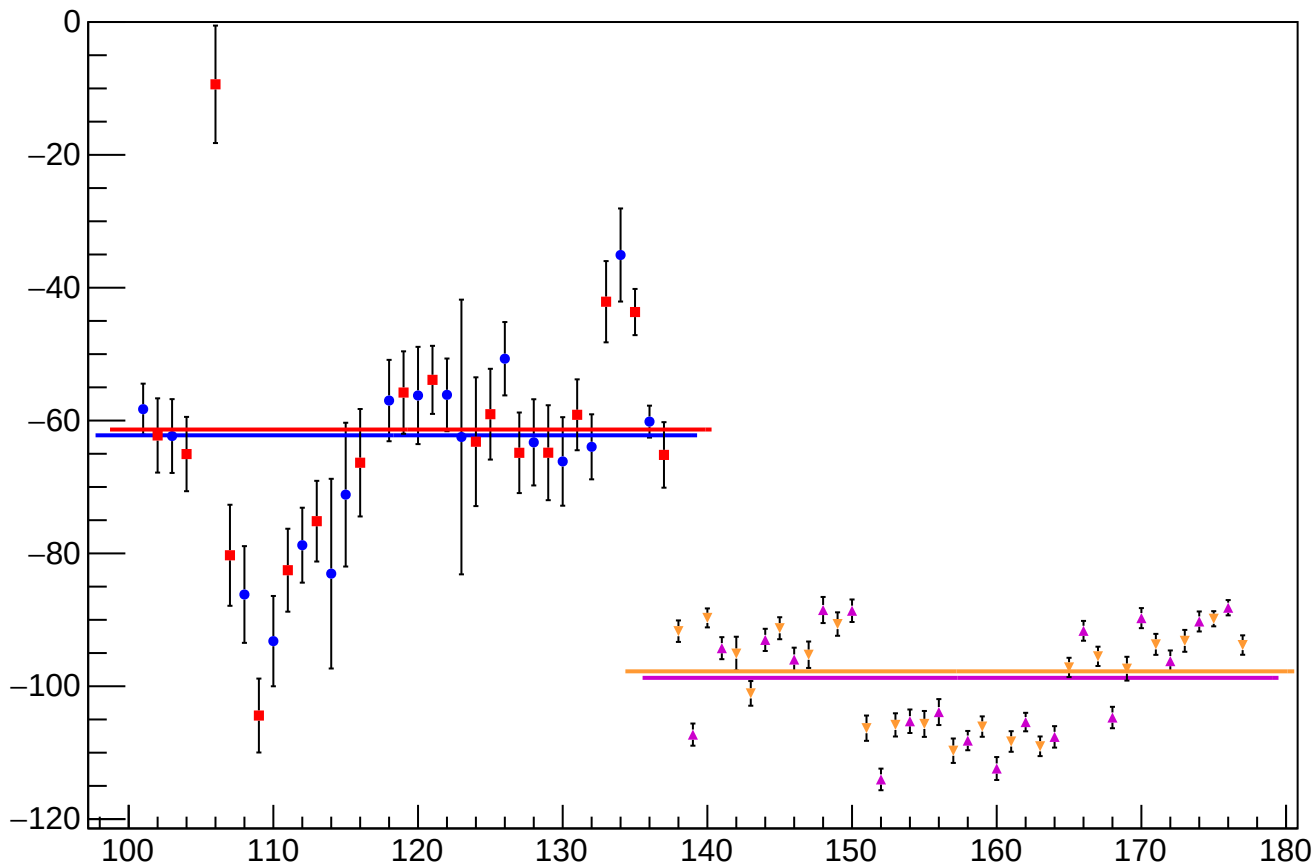
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -36.618 ± 0.261 χ^2/NDF : 2723.5/35

Out: -35.871 ± 0.252 χ^2/NDF : 2202.9/38

All: -36.231 ± 0.181 χ^2/NDF : 4930.6/74

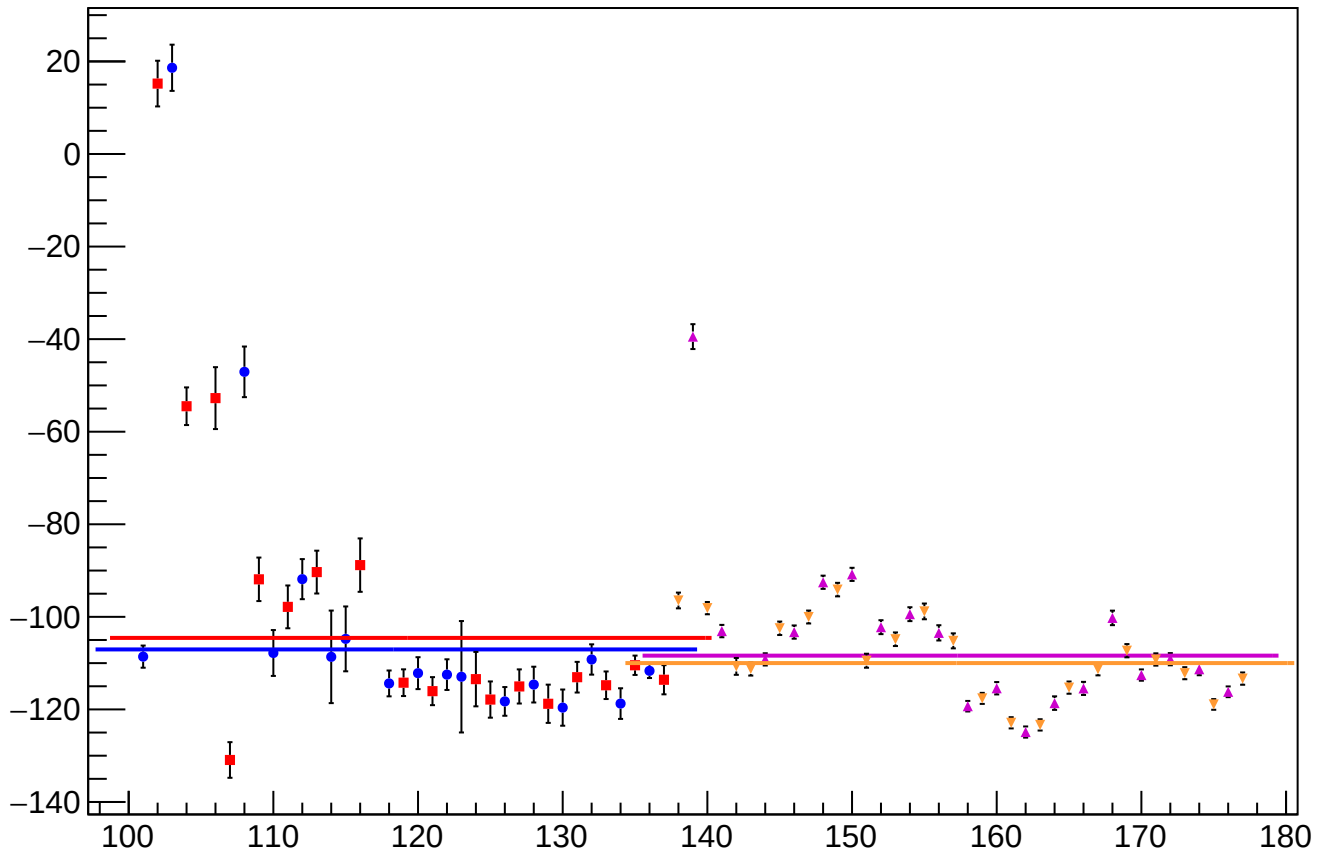
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -97.754 ± 0.354 χ^2/NDF : 390.0/20
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -98.735 ± 0.364 χ^2/NDF : 567.1/18

Left: -98.230 ± 0.254 χ^2/NDF : 960.8/39
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -96.118 ± 0.351 χ^2/NDF : 1353.8/35
 Out: -95.516 ± 0.343 χ^2/NDF : 1198.8/38
 All: -95.810 ± 0.245 χ^2/NDF : 2554.1/74

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.989 ± 0.303 χ^2/NDF : 766.7/20

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -108.382 ± 0.317 χ^2/NDF : 1494.0/18

Left: -109.222 ± 0.219 χ^2/NDF : 2274.2/39

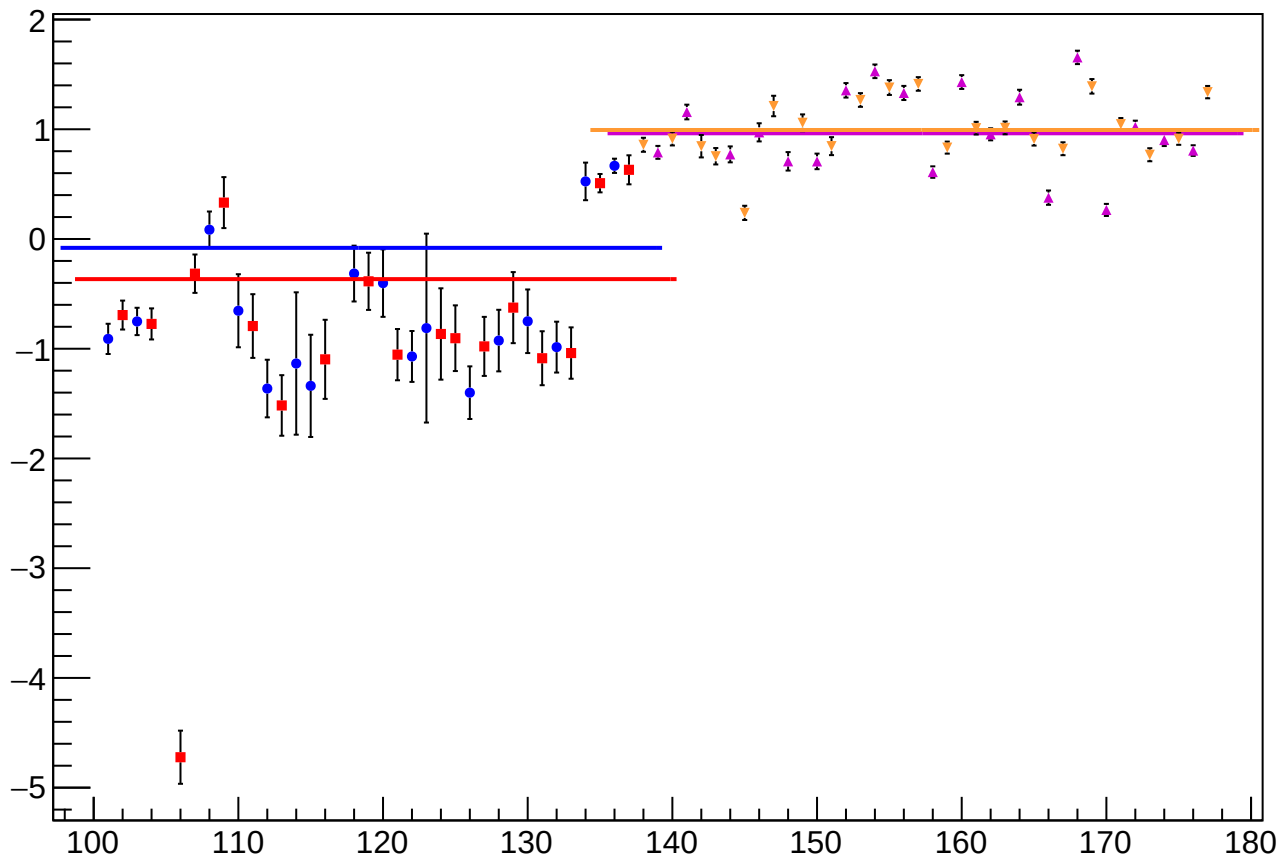
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -108.205 ± 0.295 χ^2/NDF : 2324.3/35

Out: -109.390 ± 0.286 χ^2/NDF : 1769.7/38

All: -108.817 ± 0.205 χ^2/NDF : 4102.3/74

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: 0.993 ± 0.014 χ^2/NDF : 370.8/20

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.963 ± 0.014 χ^2/NDF : 703.1/18

Left: 0.979 ± 0.010 χ^2/NDF : 1076.1/39

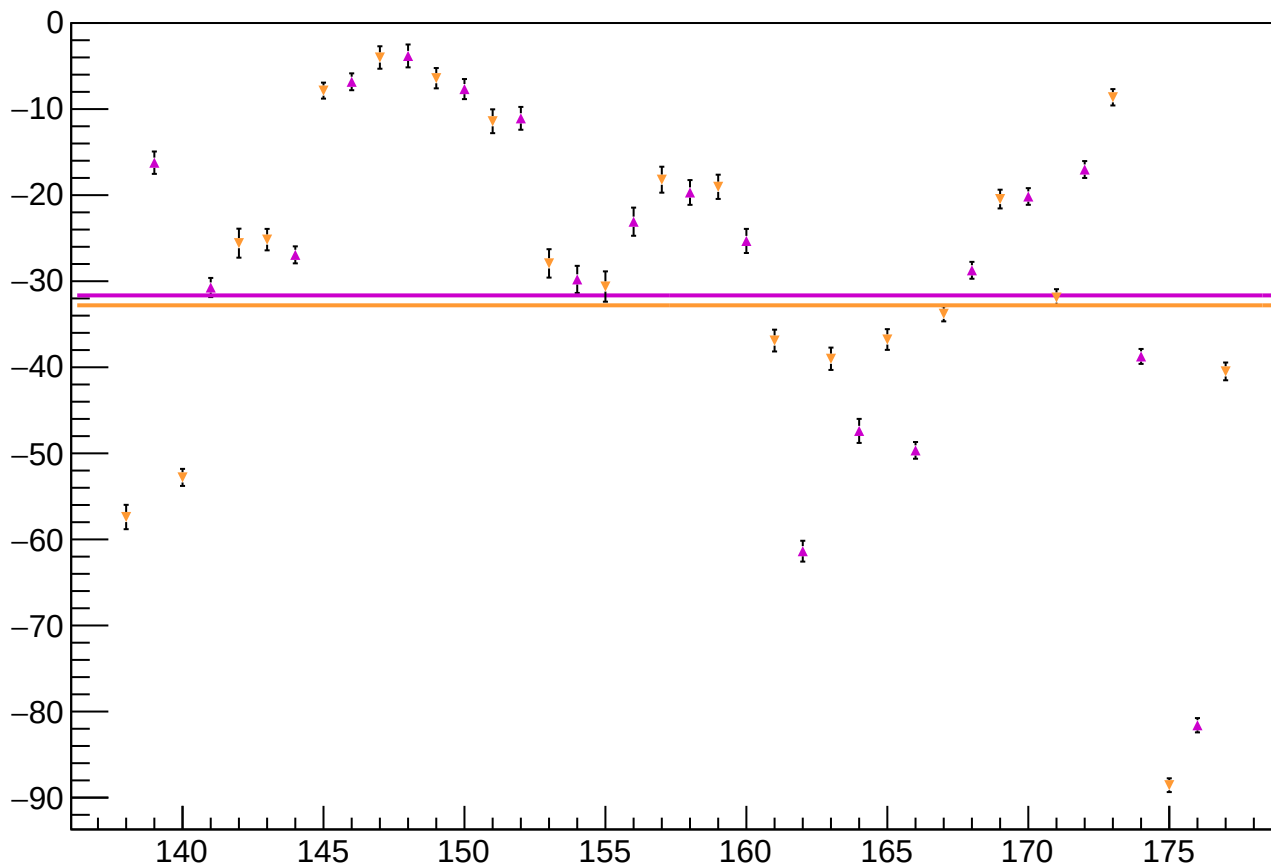
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.857 ± 0.013 χ^2/NDF : 1582.1/35

Out: 0.869 ± 0.013 χ^2/NDF : 1810.2/38

All: 0.863 ± 0.009 χ^2/NDF : 3392.7/74

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.801+/-0.251 χ^2/NDF :8643.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.648+/-0.256 χ^2/NDF :7143.1/18

Left: -32.235+/-0.179 χ^2/NDF : 15796.5/39

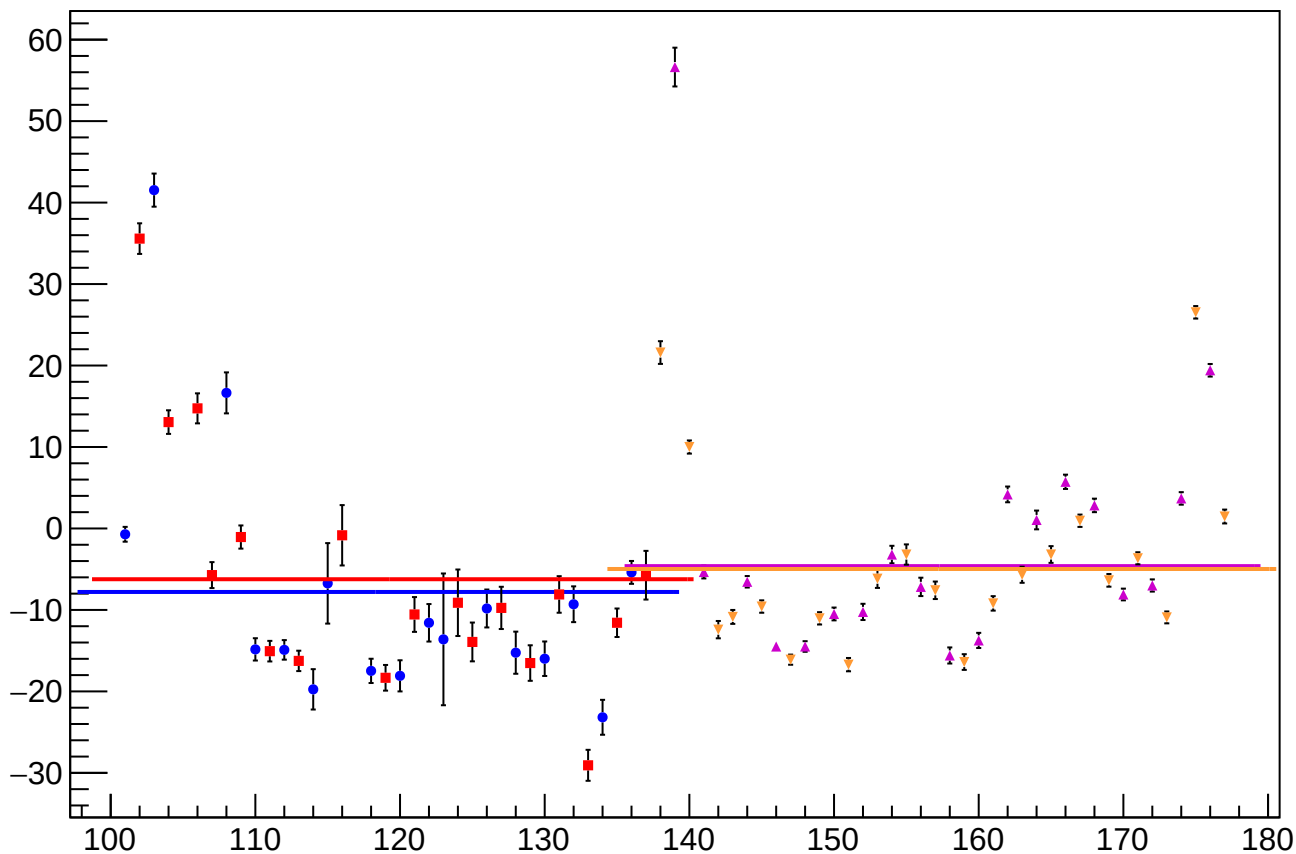
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.648+/-0.256 χ^2/NDF :7143.1/18

Out: -32.801+/-0.251 χ^2/NDF :8643.1/20

All: -32.235+/-0.179 χ^2/NDF : 15796.5/39

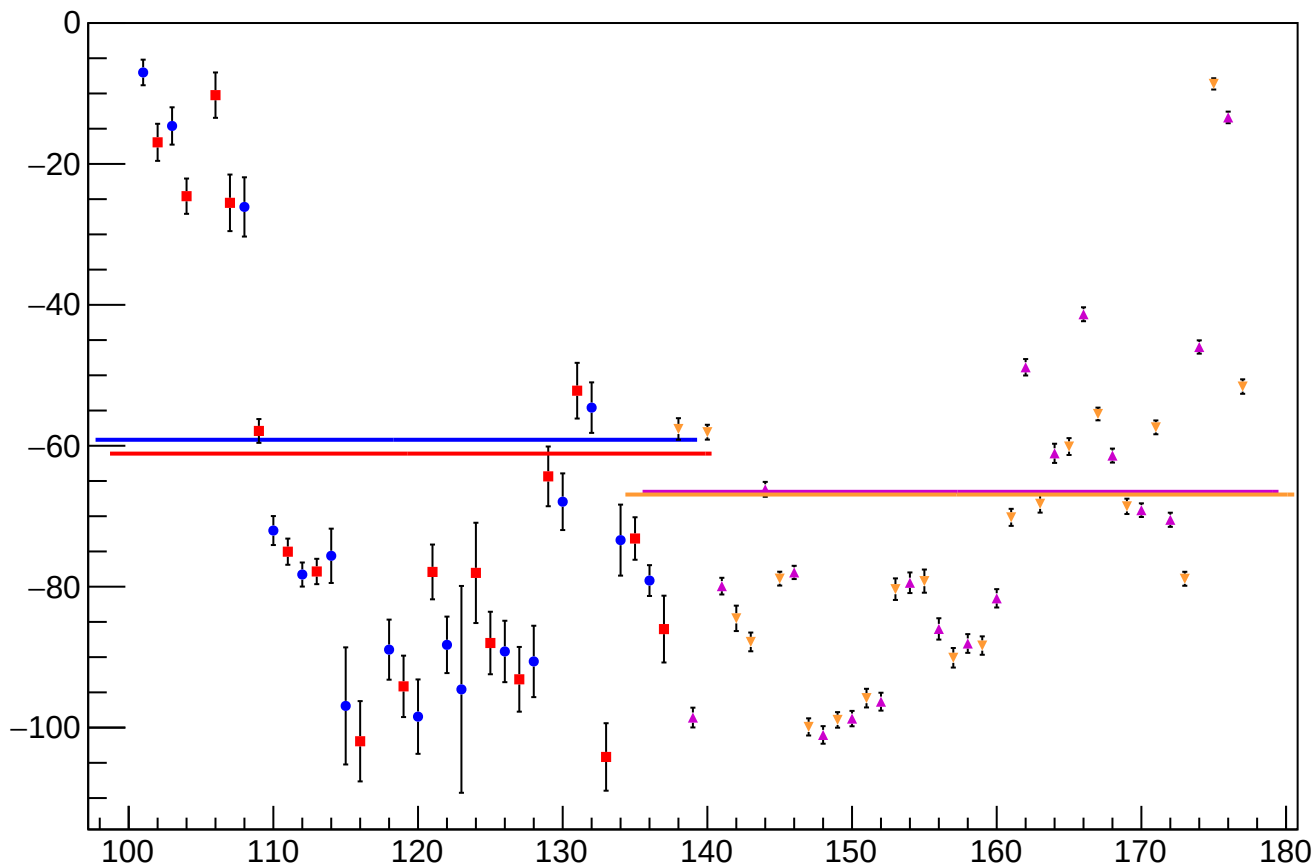
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -4.974 ± 0.187 χ^2/NDF : 3476.7/20
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -4.622 ± 0.193 χ^2/NDF : 2917.6/18

Left: -4.803 ± 0.134 χ^2/NDF : 6396.1/39
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -5.157 ± 0.176 χ^2/NDF : 3946.0/35
 Out: -5.174 ± 0.171 χ^2/NDF : 4666.9/38
 All: -5.166 ± 0.123 χ^2/NDF : 8612.9/74

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -66.922 ± 0.251 $\chi^2/\text{NDF}: 9291.2/20$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -66.536 ± 0.255 $\chi^2/\text{NDF}: 9209.7/18$

Left: -66.732 ± 0.179 $\chi^2/\text{NDF}: 18502.1/39$

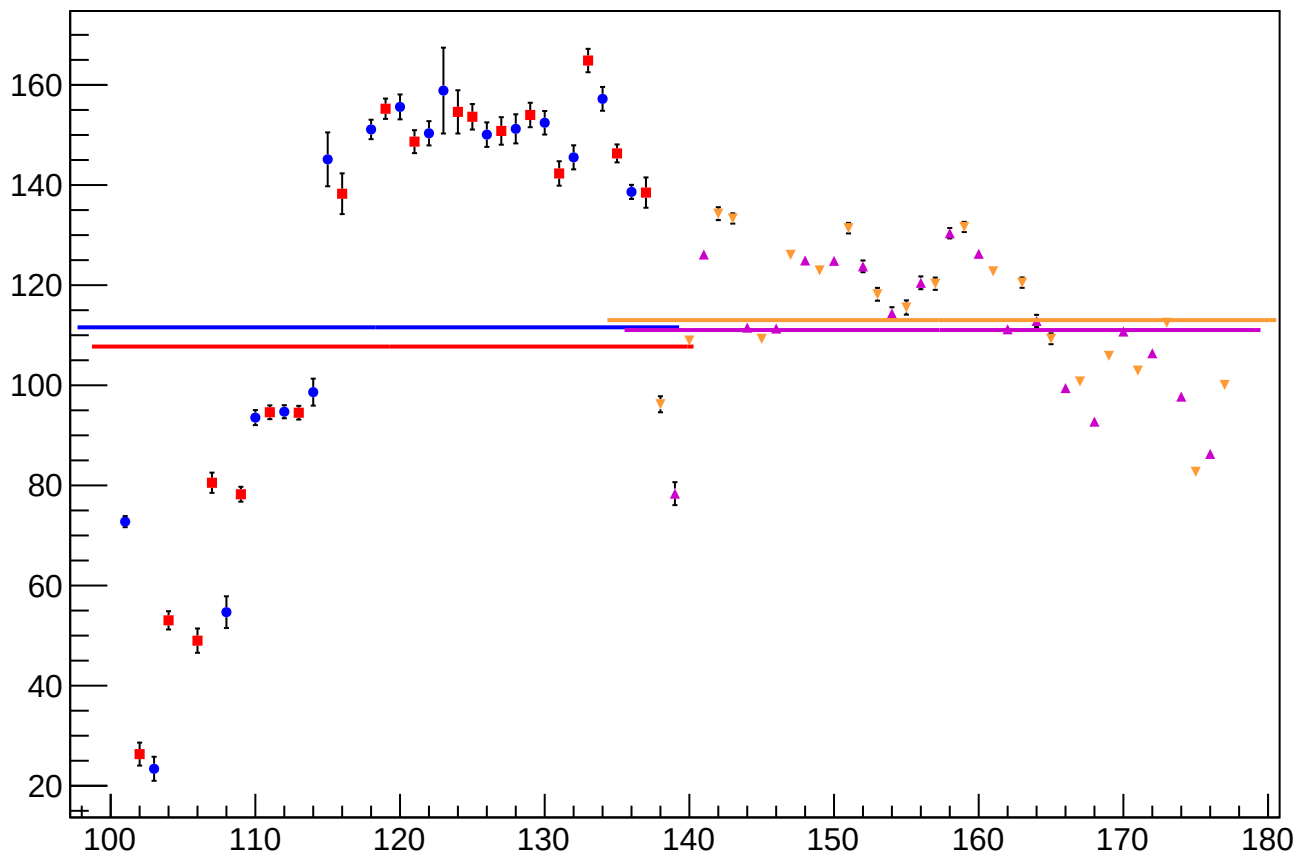
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -65.762 ± 0.241 $\chi^2/\text{NDF}: 11016.0/35$

Out: -66.272 ± 0.237 $\chi^2/\text{NDF}: 10668.8/38$

All: -66.022 ± 0.169 $\chi^2/\text{NDF}: 21687.1/74$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.021 $\pm$ 0.214 χ^2 /NDF: 4062.8/20

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 111.036 $\pm$ 0.220 χ^2 /NDF: 3372.3/18

Left: 112.058 $\pm$ 0.153 χ^2 /NDF: 7477.0/39

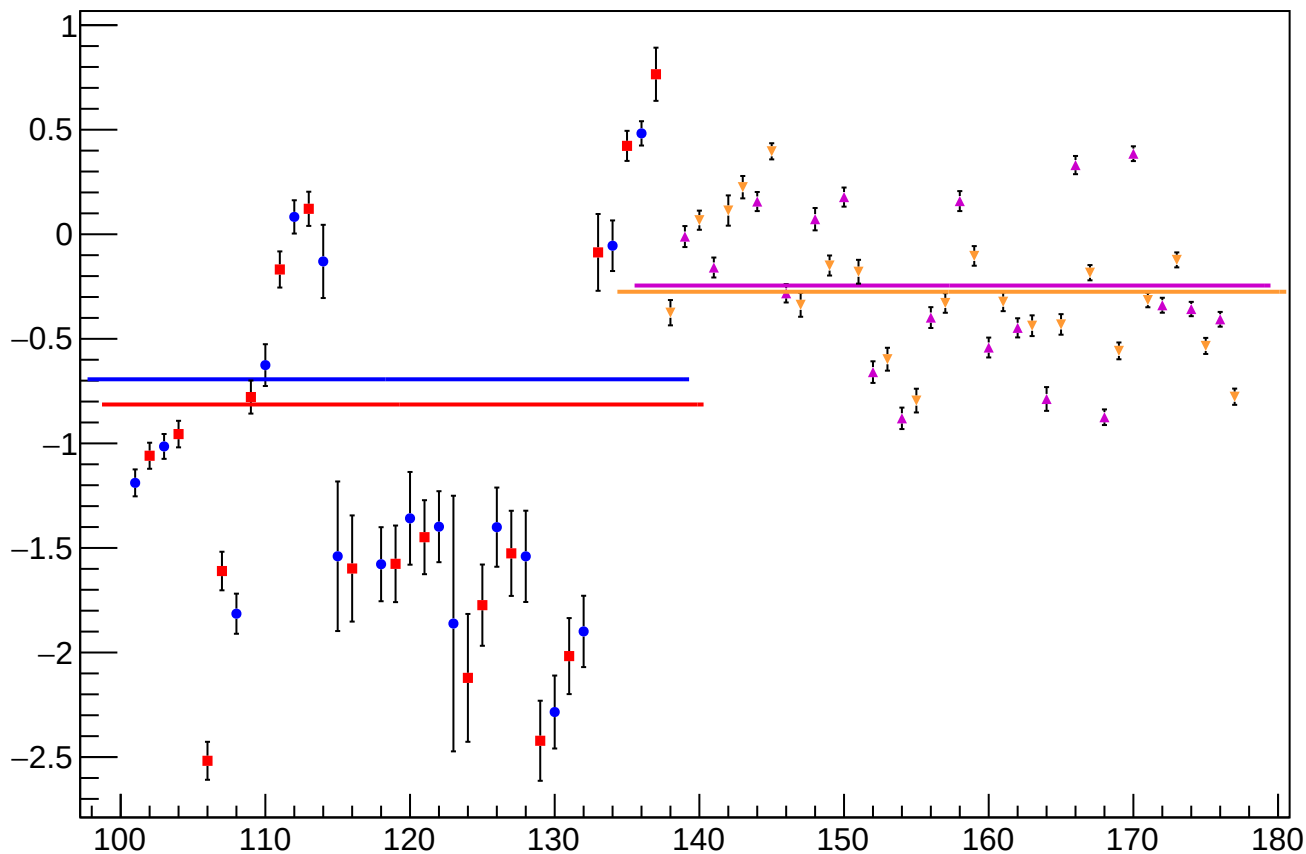
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 111.128 $\pm$ 0.201 χ^2 /NDF: 9319.2/35

Out: 112.173 $\pm$ 0.196 χ^2 /NDF: 10997.3/38

All: 111.664 $\pm$ 0.140 χ^2 /NDF: 20330.4/74

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: -0.275+/-0.010 χ^2/NDF : 931.1/20

Right Out: -0.814+/-0.024 χ^2/NDF : 1308.8/17

Left In: -0.245+/-0.010 χ^2/NDF : 1486.5/18

Left: -0.260+/-0.007 χ^2/NDF : 2422.0/39

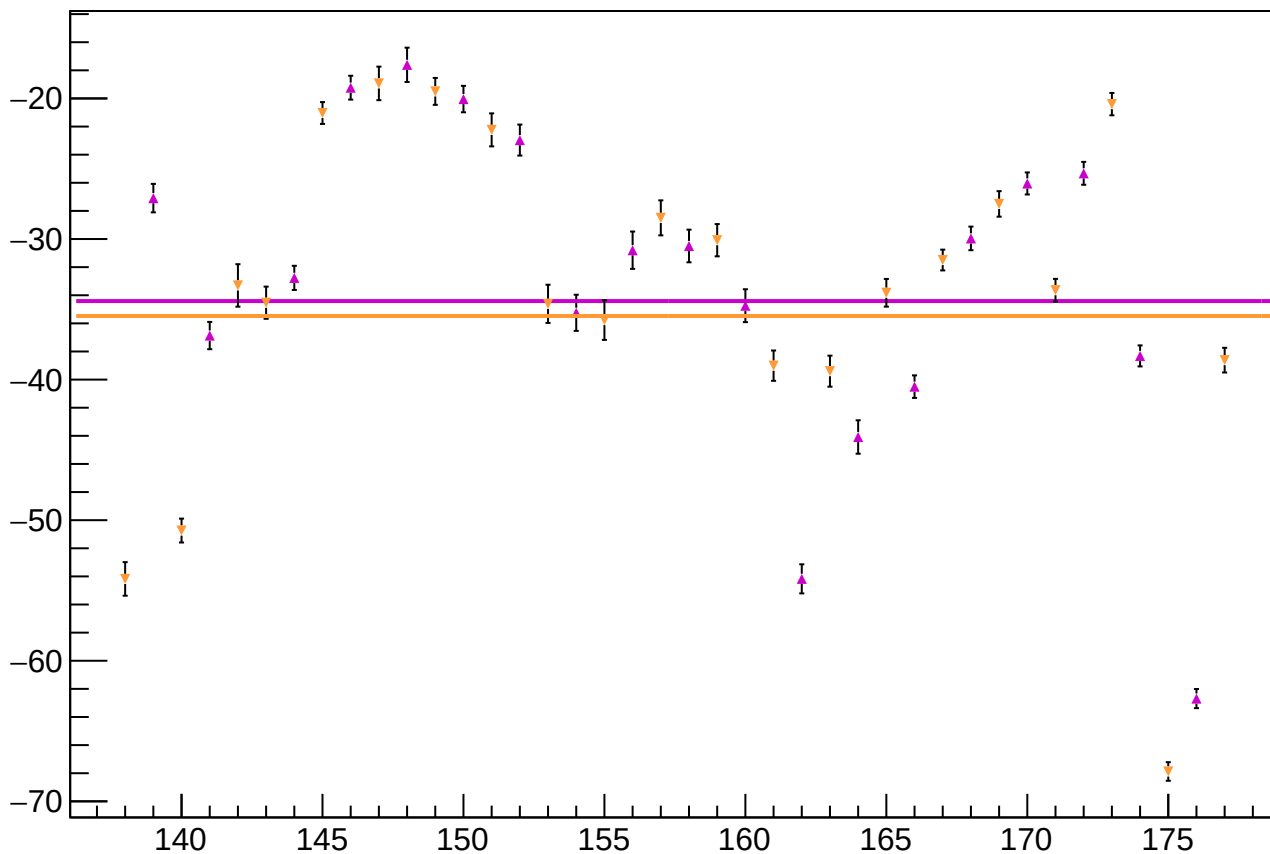
Right: -0.757+/-0.018 χ^2/NDF : 2310.9/34

In: -0.304+/-0.009 χ^2/NDF : 2739.6/35

Out: -0.351+/-0.009 χ^2/NDF : 2656.7/38

All: -0.328+/-0.007 χ^2/NDF : 5409.0/74

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -35.474+/-0.211 χ^2/NDF : 4470.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Left: -34.951+/-0.151 χ^2/NDF : 7923.4/39

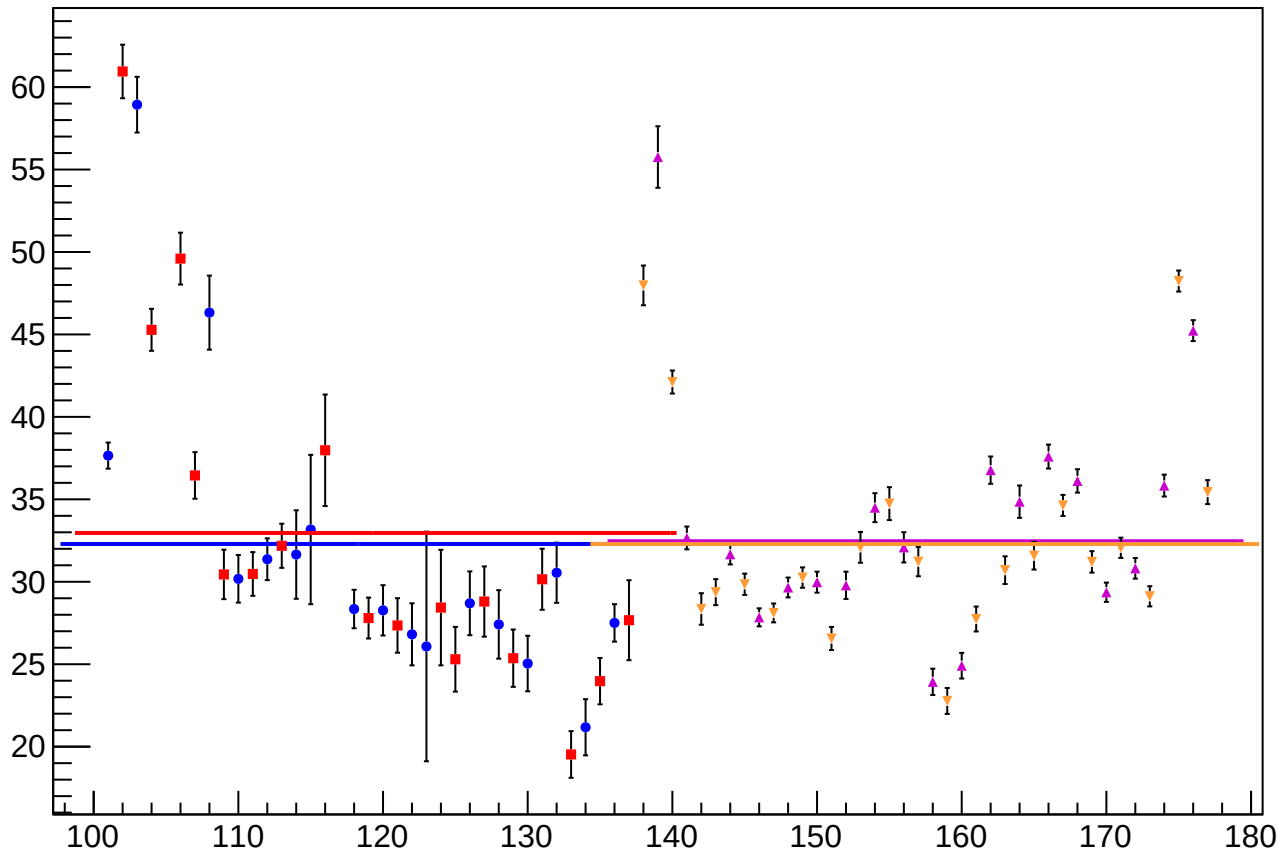
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.413+/-0.214 χ^2/NDF : 3440.3/18

Out: -35.474+/-0.211 χ^2/NDF : 4470.7/20

All: -34.951+/-0.151 χ^2/NDF : 7923.4/39

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 32.289 ± 0.159 $\chi^2/\text{NDF}: 1426.8/20$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 32.458 ± 0.164 $\chi^2/\text{NDF}: 1065.0/18$

Left: 32.371 ± 0.114 $\chi^2/\text{NDF}: 2492.3/39$

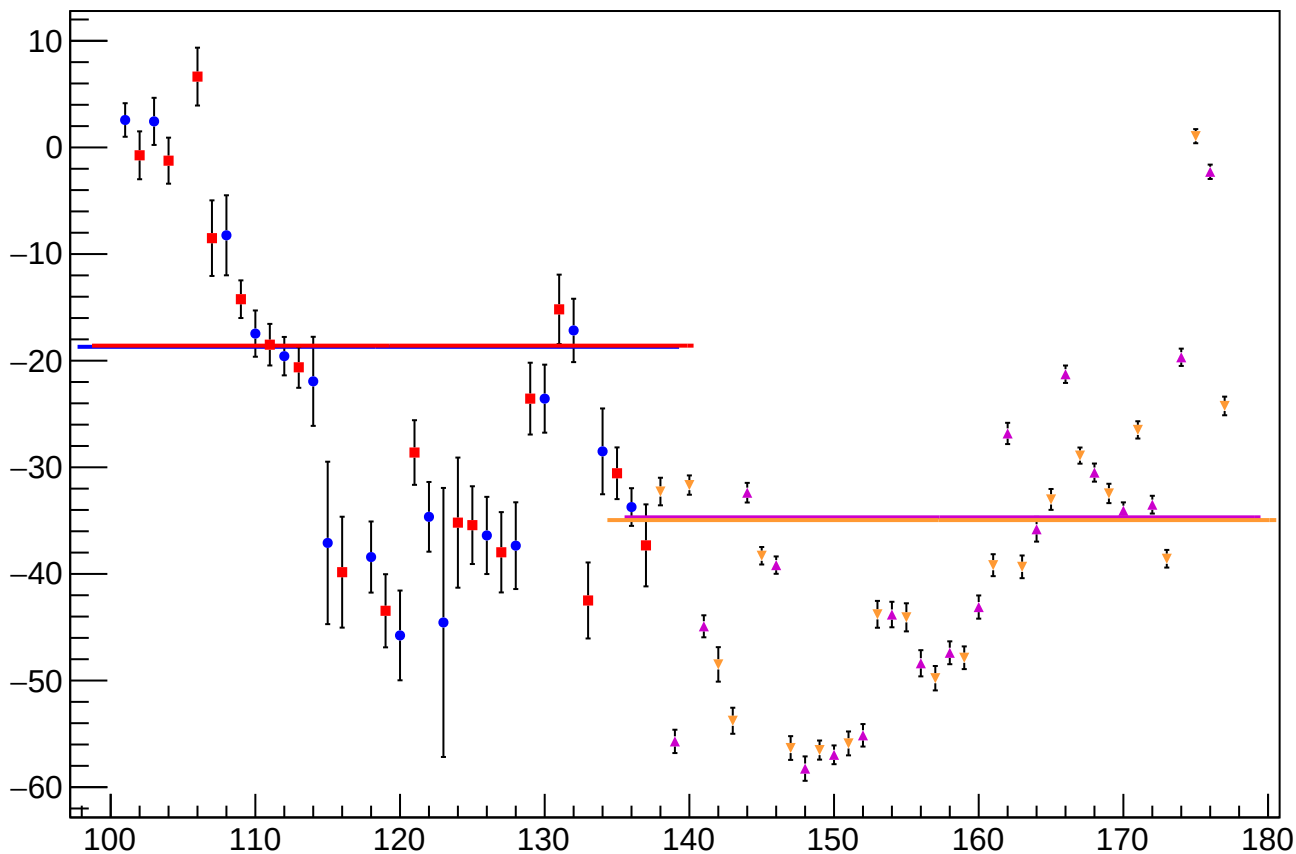
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 32.432 ± 0.150 $\chi^2/\text{NDF}: 1517.7/35$

Out: 32.389 ± 0.146 $\chi^2/\text{NDF}: 2153.4/38$

All: 32.410 ± 0.105 $\chi^2/\text{NDF}: 3671.2/74$

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: -34.951 ± 0.211 $\chi^2/\text{NDF}: 5394.5/20$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -34.694 ± 0.214 $\chi^2/\text{NDF}: 5340.9/18$

Left: -34.824 ± 0.150 $\chi^2/\text{NDF}: 10736.2/39$

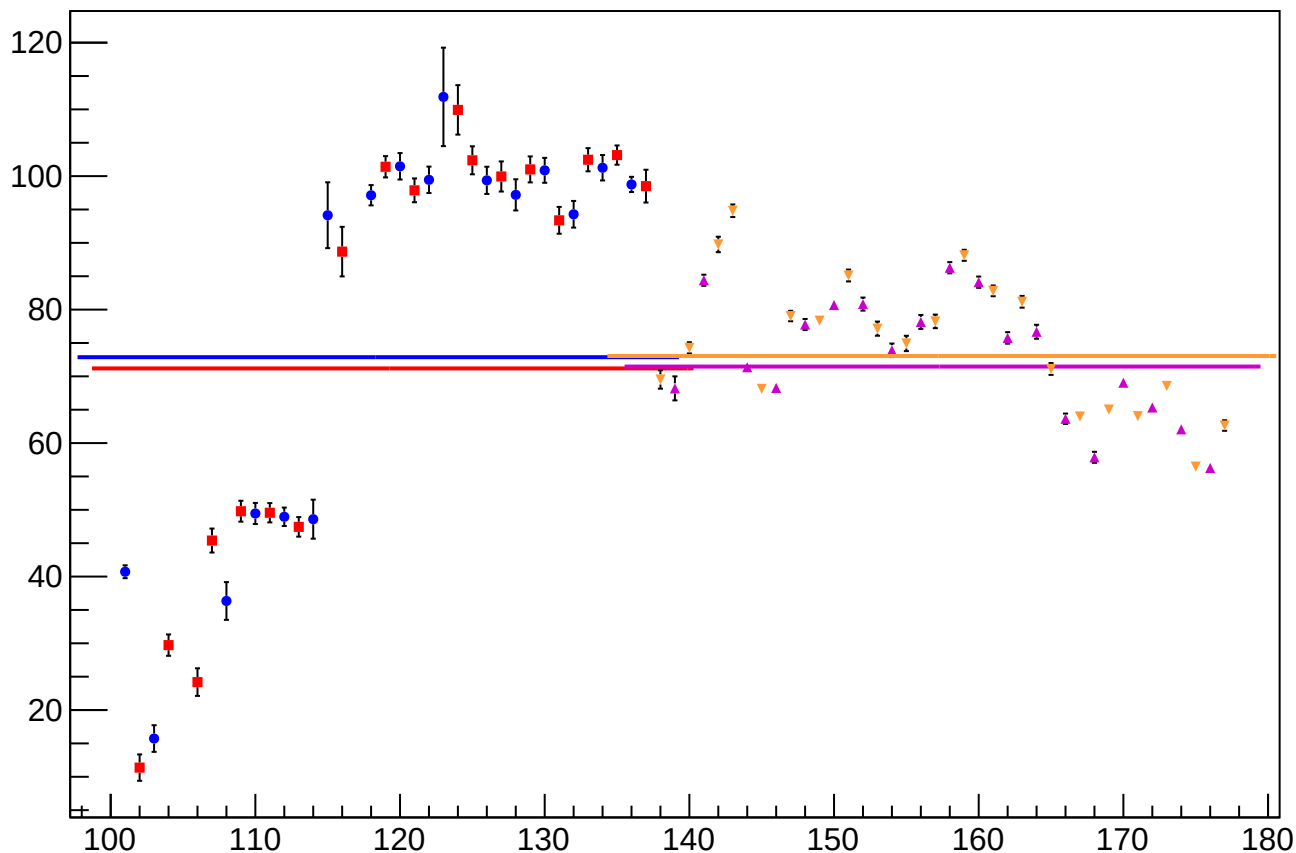
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -33.204 ± 0.203 $\chi^2/\text{NDF}: 6382.2/35$

Out: -33.380 ± 0.201 $\chi^2/\text{NDF}: 6432.9/38$

All: -33.293 ± 0.143 $\chi^2/\text{NDF}: 12815.5/74$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 73.051 $\pm$ 0.180 χ^2 /NDF:2992.5/20

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 71.468 $\pm$ 0.186 χ^2 /NDF:2346.7/18

Left: 72.282 $\pm$ 0.129 χ^2 /NDF: 5376.6/39

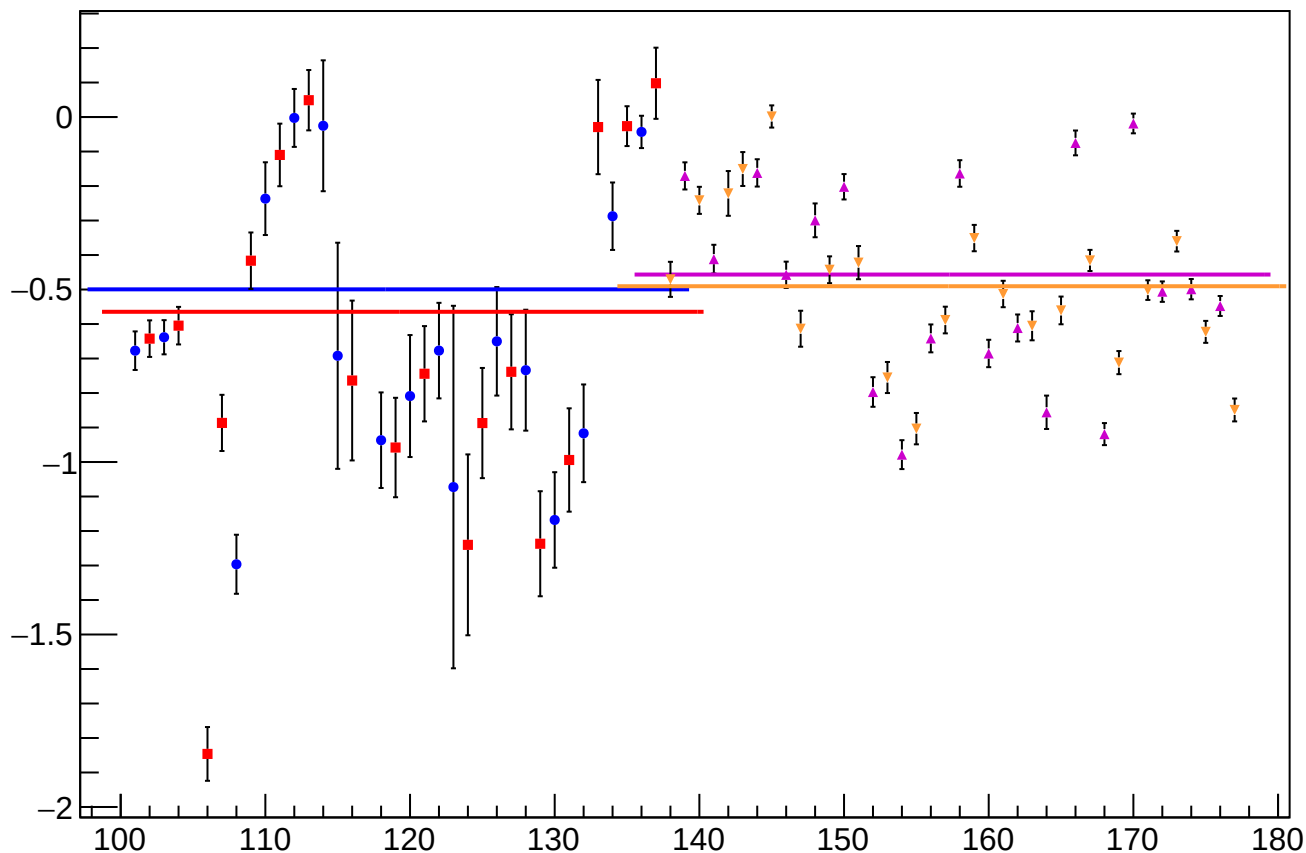
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 71.691 $\pm$ 0.170 χ^2 /NDF:7082.9/35

Out: 72.777 $\pm$ 0.167 χ^2 /NDF:8383.3/38

All: 72.246 $\pm$ 0.119 χ^2 /NDF: 15487.0/74

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: -0.490 ± 0.008 χ^2/NDF : 699.0/20

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.457 ± 0.008 χ^2/NDF : 1153.0/18

Left: -0.474 ± 0.006 χ^2/NDF : 1860.2/39

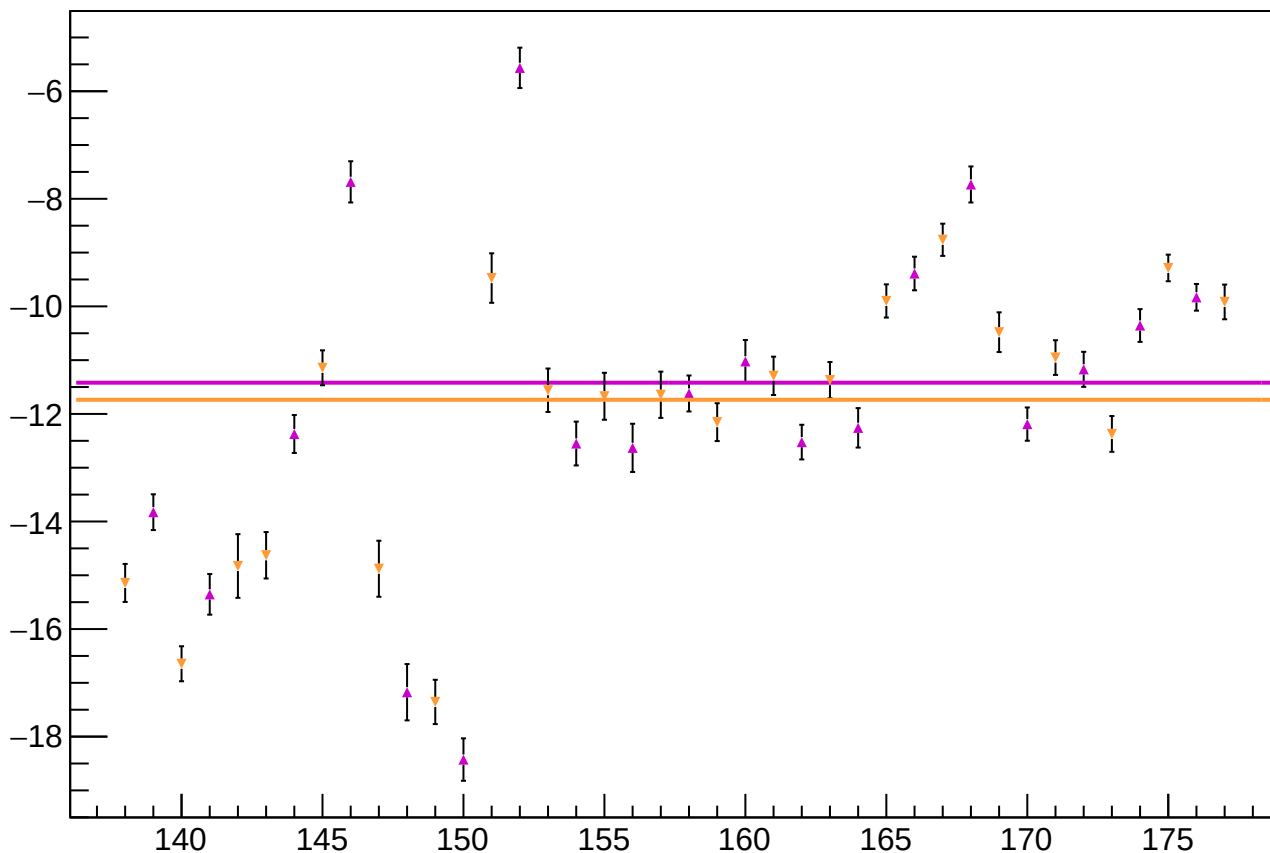
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.462 ± 0.008 χ^2/NDF : 1458.8/35

Out: -0.500 ± 0.008 χ^2/NDF : 1268.7/38

All: -0.481 ± 0.006 χ^2/NDF : 2739.5/74

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left Out: -11.737 ± 0.078 χ^2/NDF : $932.0/20$

Right Out: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

Left In: -11.419 ± 0.080 χ^2/NDF : $1199.0/18$

Left: -11.581 ± 0.056 χ^2/NDF : $2139.2/39$

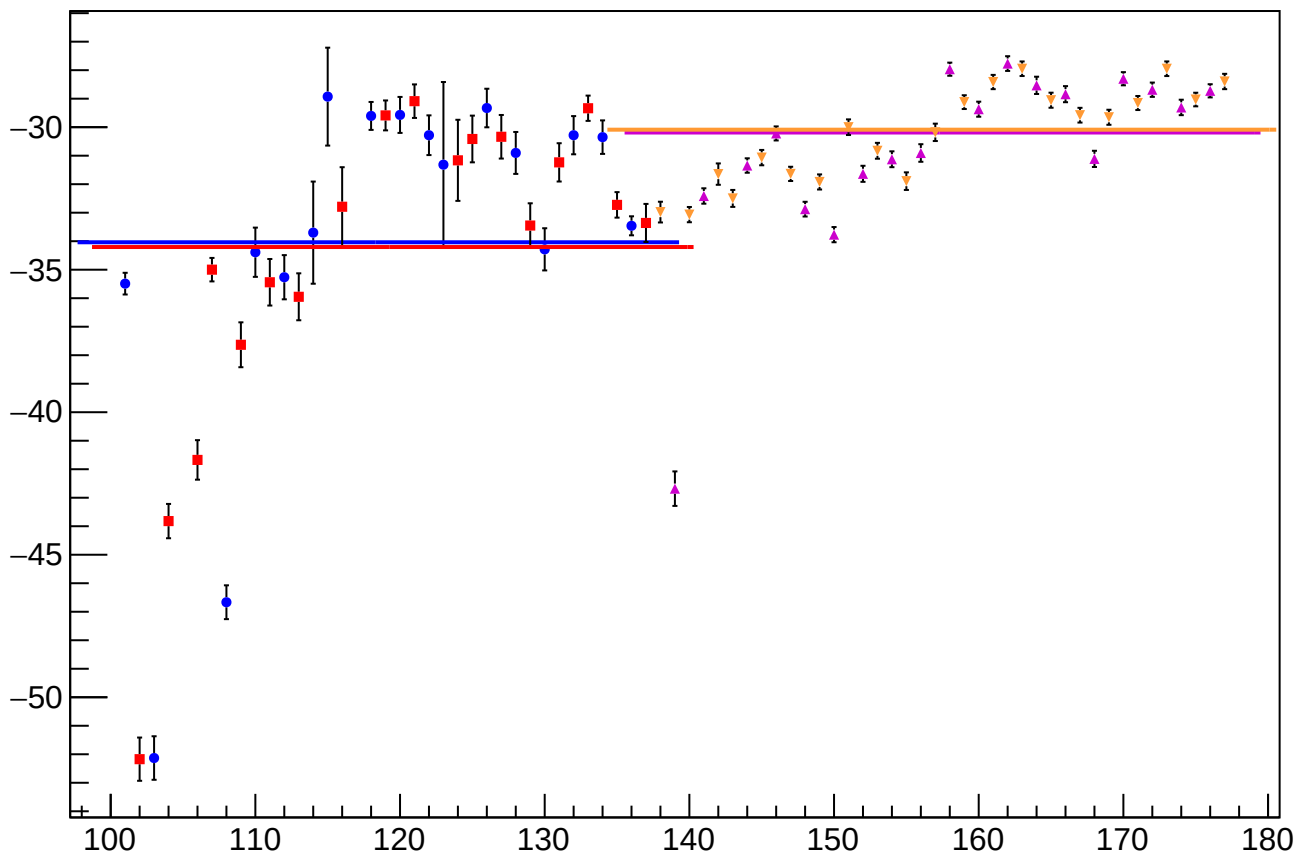
Right: 0.000 ± 0.000 χ^2/NDF : $0.0/0$

In: -11.419 ± 0.080 χ^2/NDF : $1199.0/18$

Out: -11.737 ± 0.078 χ^2/NDF : $932.0/20$

All: -11.581 ± 0.056 χ^2/NDF : $2139.2/39$

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: -30.088 ± 0.059 χ^2/NDF : 706.6/20

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.187 ± 0.062 χ^2/NDF : 1252.8/18

Left: -30.135 ± 0.043 χ^2/NDF : 1960.8/39

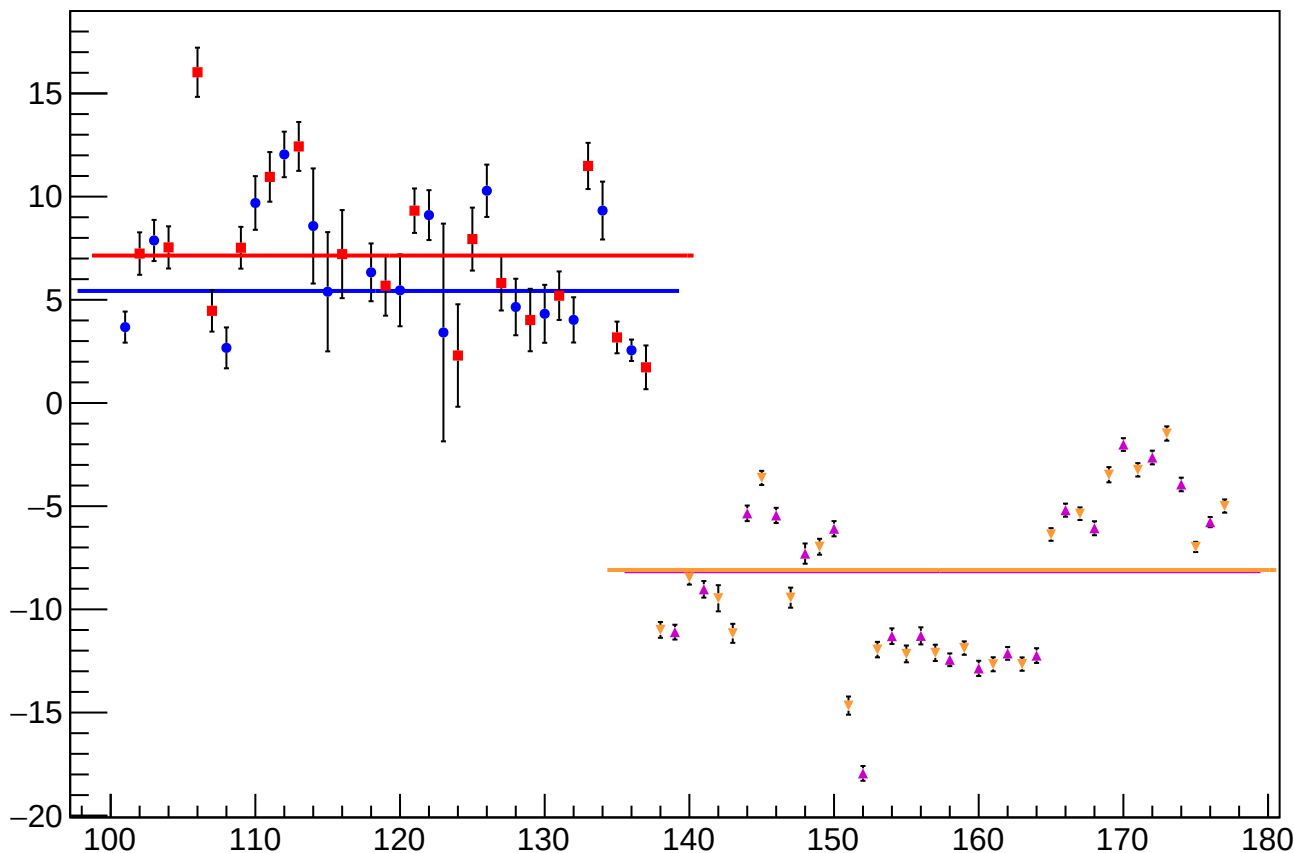
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.736 ± 0.057 χ^2/NDF : 3154.4/35

Out: -30.636 ± 0.055 χ^2/NDF : 2673.5/38

All: -30.684 ± 0.040 χ^2/NDF : 5829.4/74

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: -8.092 ± 0.077 χ^2/NDF : 2304.1/20

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -8.152 ± 0.079 χ^2/NDF : 2784.5/18

Left: -8.122 ± 0.055 χ^2/NDF : 5088.9/39

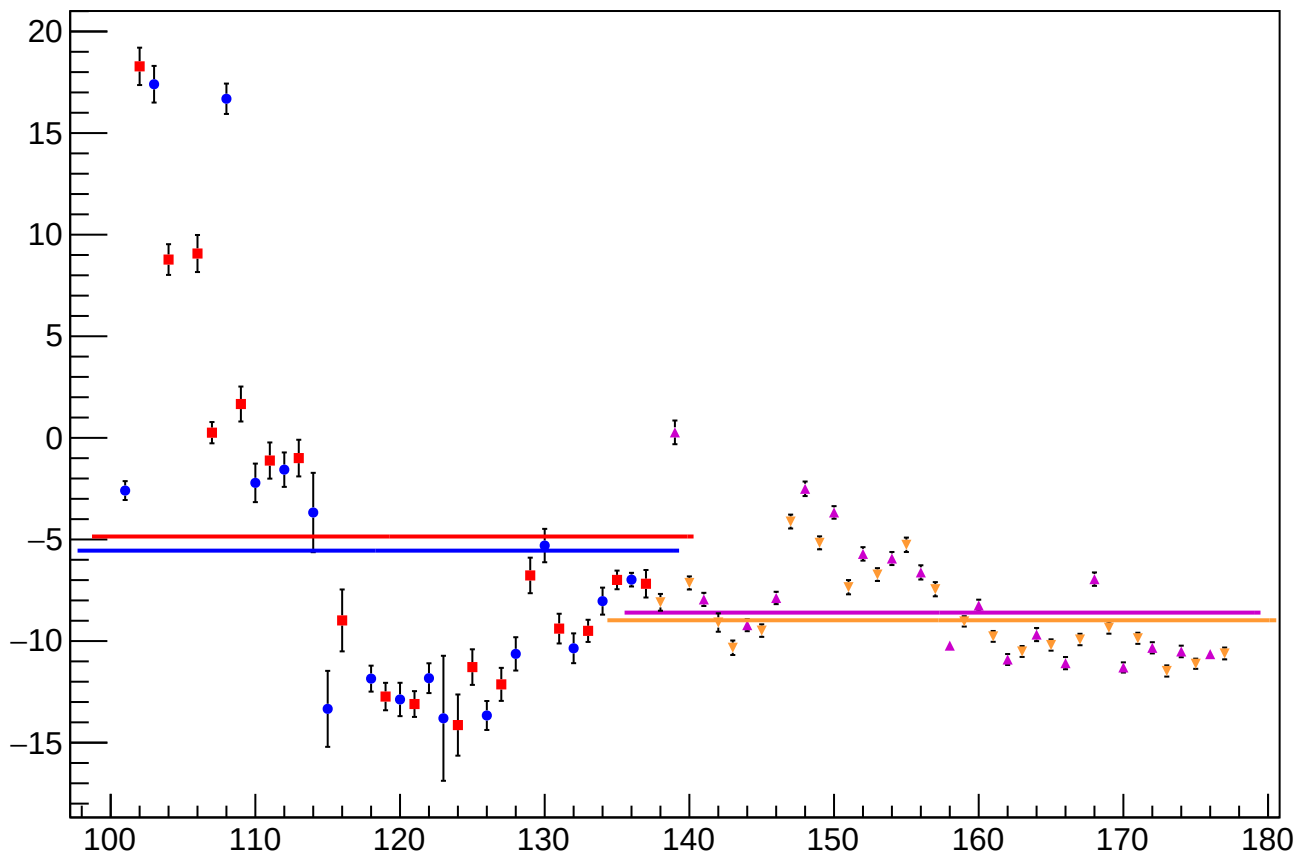
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -7.080 ± 0.076 χ^2/NDF : 5249.5/35

Out: -6.971 ± 0.075 χ^2/NDF : 5327.2/38

All: -7.025 ± 0.053 χ^2/NDF : 10577.7/74

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: -8.977 ± 0.067 χ^2/NDF : 868.3/20

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.600 ± 0.069 χ^2/NDF : 1456.8/18

Left: -8.795 ± 0.048 χ^2/NDF : 2340.7/39

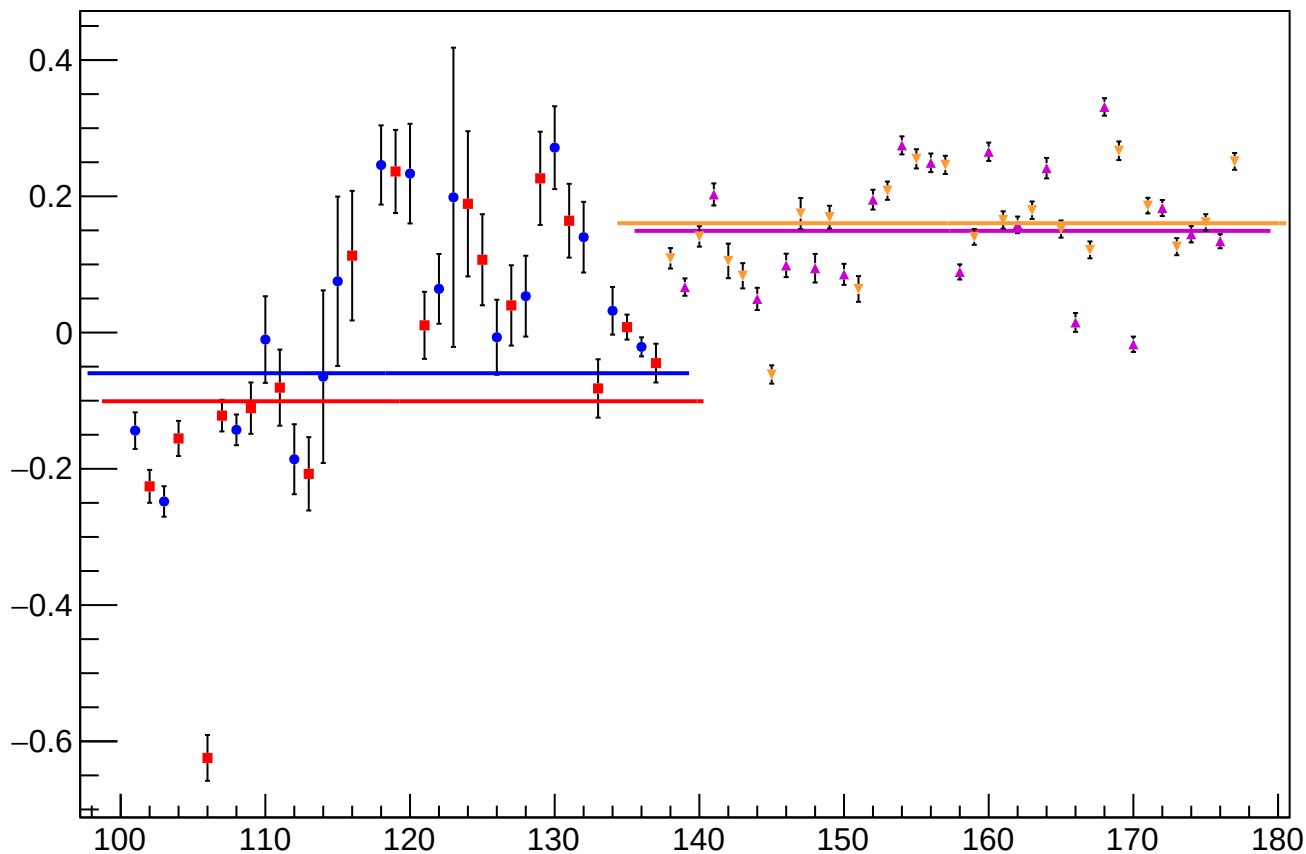
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.168 ± 0.064 χ^2/NDF : 3859.4/35

Out: -8.445 ± 0.062 χ^2/NDF : 3376.9/38

All: -8.311 ± 0.045 χ^2/NDF : 7246.0/74

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: 0.161 ± 0.003 χ^2/NDF : 577.0/20

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.149 ± 0.003 χ^2/NDF : 941.7/18

Left: 0.155 ± 0.002 χ^2/NDF : 1525.5/39

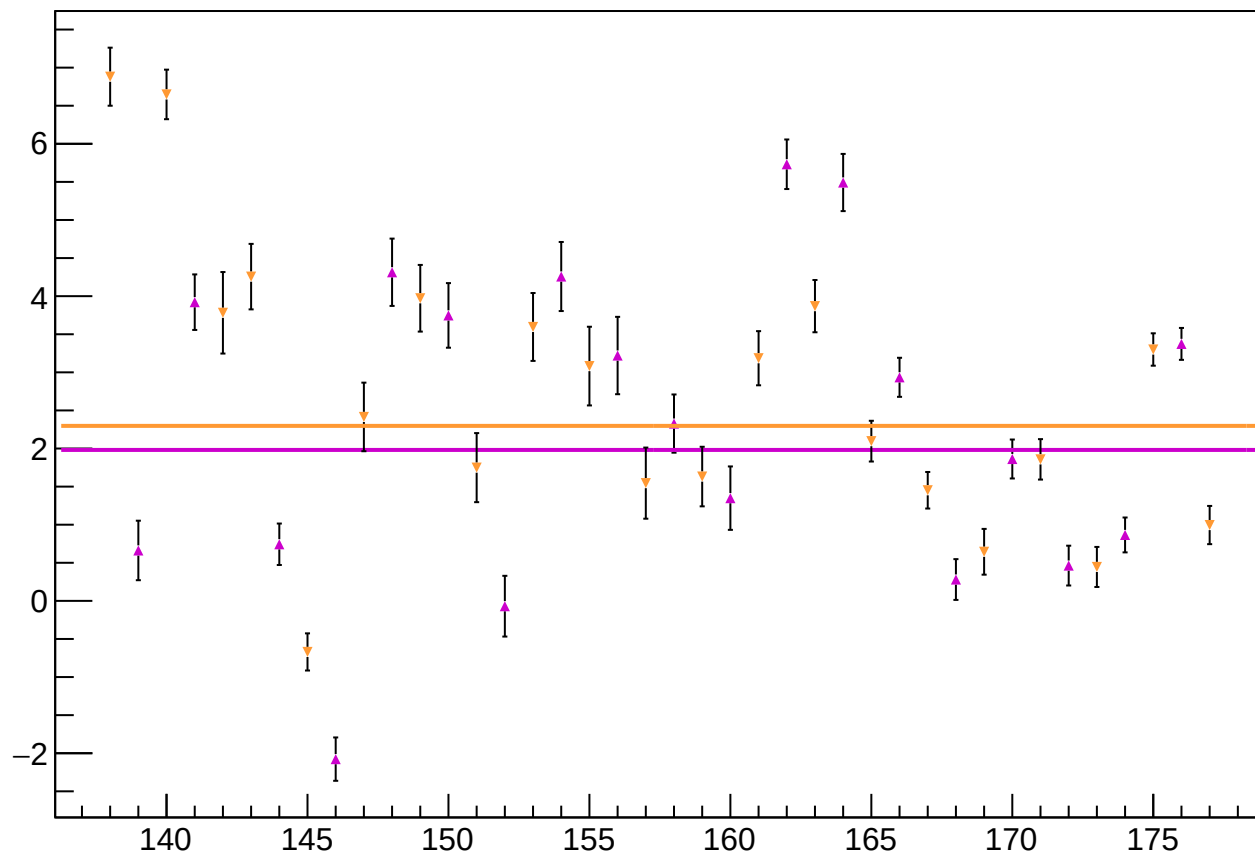
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.125 ± 0.003 χ^2/NDF : 1705.2/35

Out: 0.131 ± 0.003 χ^2/NDF : 1854.2/38

All: 0.128 ± 0.002 χ^2/NDF : 3561.5/74

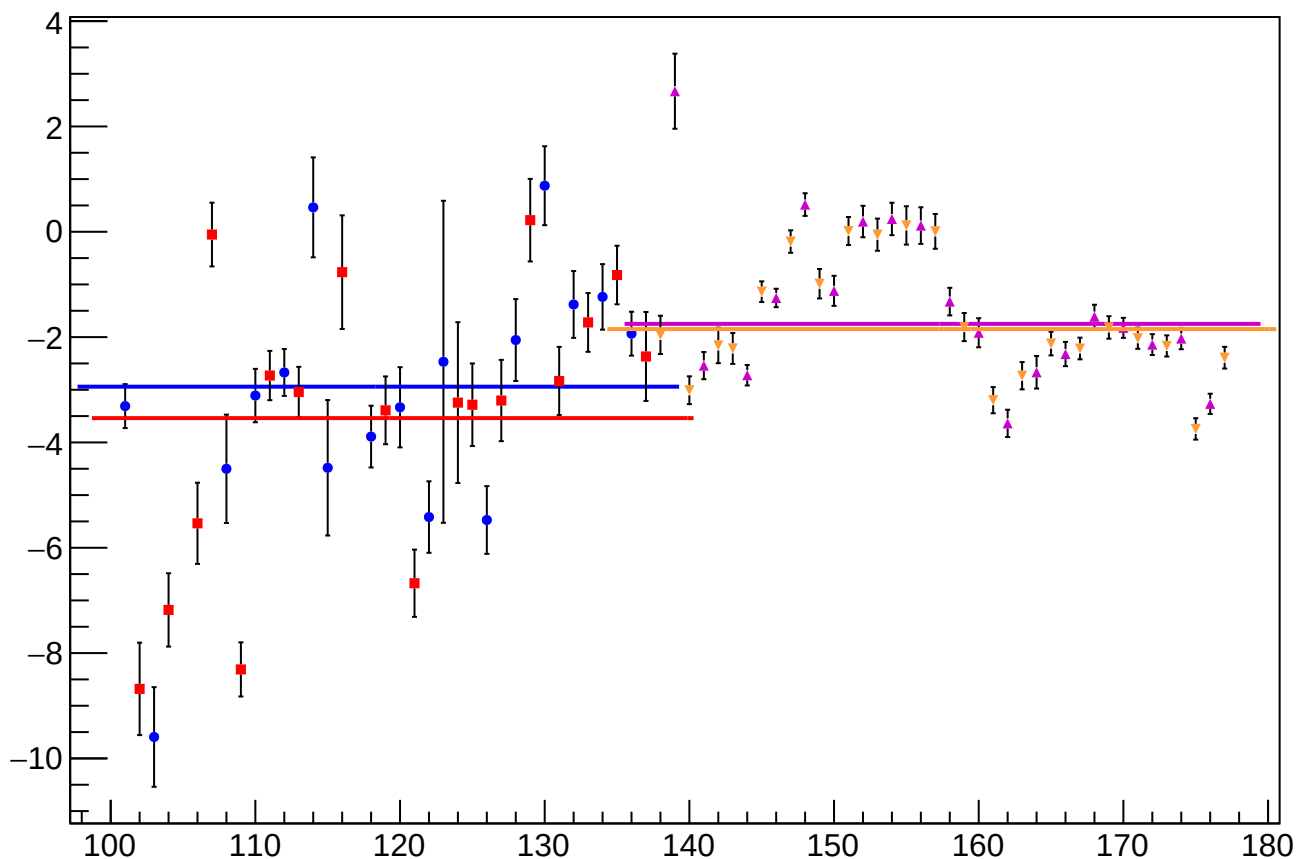
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.297 $\pm$ 0.070 χ^2/NDF : 704.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.981 $\pm$ 0.071 χ^2/NDF : 746.4/18

Left: 2.142 $\pm$ 0.050 χ^2/NDF : 1461.0/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.981 $\pm$ 0.071 χ^2/NDF : 746.4/18
 Out: 2.297 $\pm$ 0.070 χ^2/NDF : 704.7/20
 All: 2.142 $\pm$ 0.050 χ^2/NDF : 1461.0/39

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: -1.848 ± 0.053 χ^2/NDF : 391.7/20

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.749 ± 0.055 χ^2/NDF : 449.5/18

Left: -1.799 ± 0.038 χ^2/NDF : 842.9/39

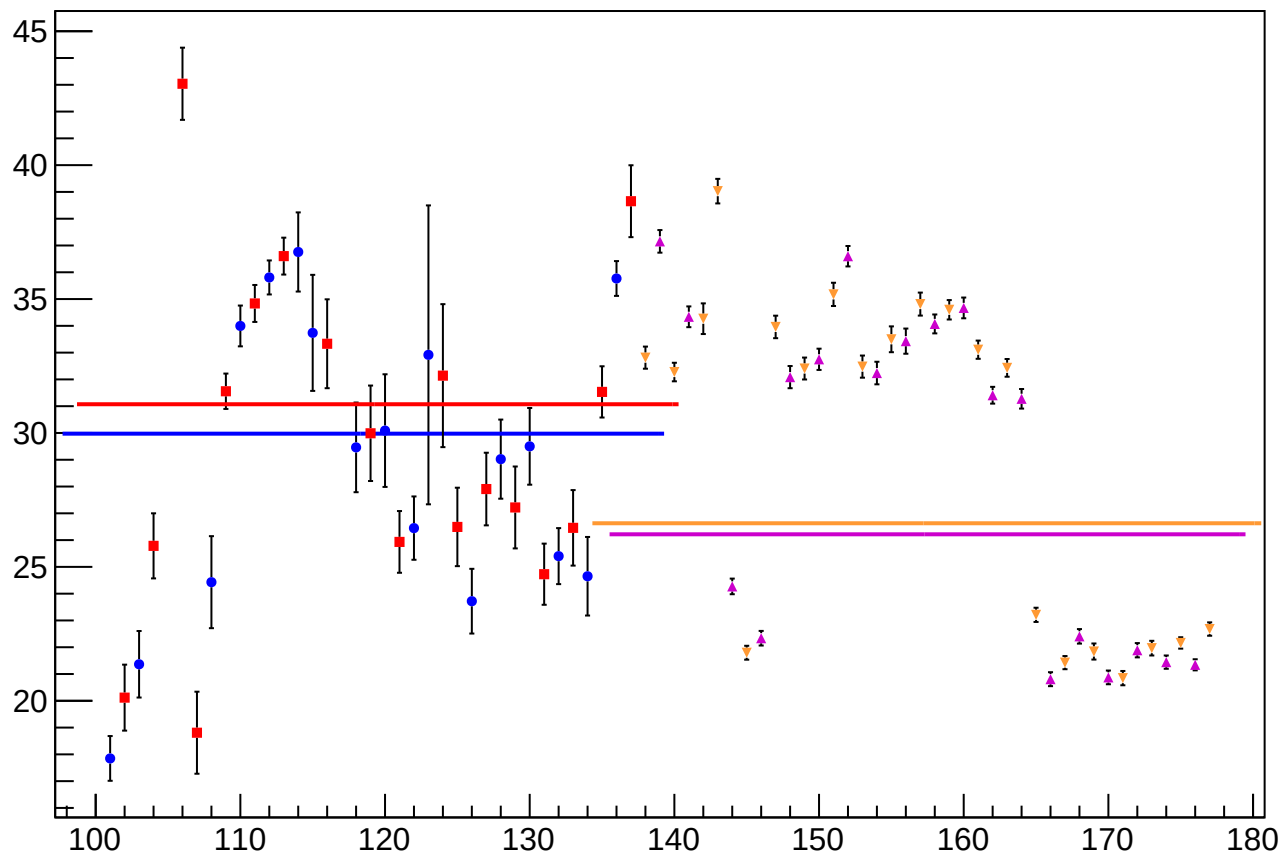
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.881 ± 0.051 χ^2/NDF : 648.2/35

Out: -2.027 ± 0.050 χ^2/NDF : 782.1/38

All: -1.956 ± 0.036 χ^2/NDF : 1434.4/74

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 26.629 $\pm$ 0.070 χ^2 /NDF: 6874.9/20

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 26.217 $\pm$ 0.071 χ^2 /NDF: 6695.7/18

Left: 26.426 $\pm$ 0.050 χ^2 /NDF: 13587.6/39

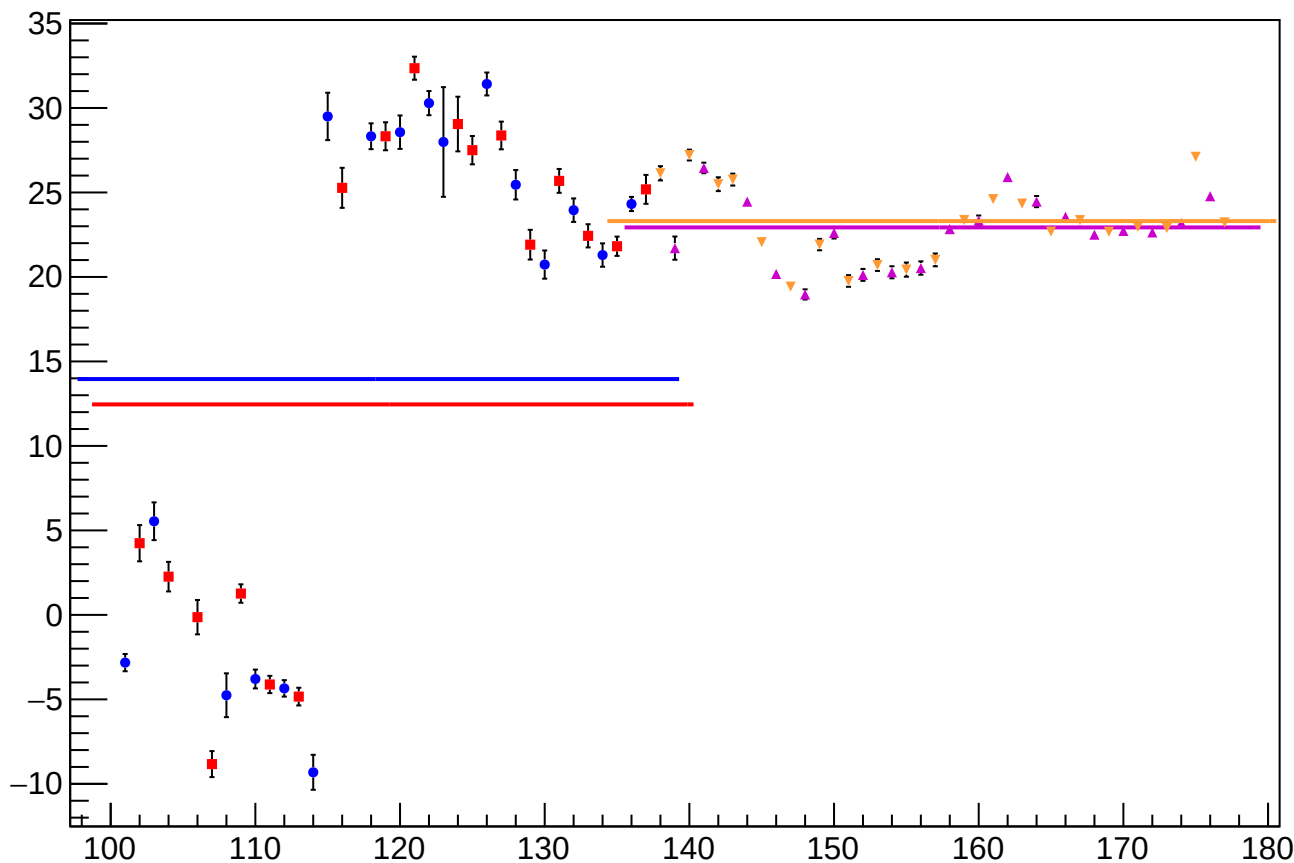
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 26.467 $\pm$ 0.069 χ^2 /NDF: 7434.2/35

Out: 26.931 $\pm$ 0.068 χ^2 /NDF: 7599.6/38

All: 26.703 $\pm$ 0.048 χ^2 /NDF: 15056.8/74

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.307 $\pm$ 0.060 χ^2 /NDF:1112.4/20

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.932 $\pm$ 0.062 χ^2 /NDF:900.3/18

Left: 23.124 $\pm$ 0.043 χ^2 /NDF: 2031.5/39

Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.910 $\pm$ 0.058 χ^2 /NDF:10653.3/35

Out: 22.146 $\pm$ 0.057 χ^2 /NDF:11574.8/38

All: 22.031 $\pm$ 0.041 χ^2 /NDF: 22236.4/74

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.116 ± 0.003 $\chi^2/\text{NDF}: 223.8/20$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.106 ± 0.003 $\chi^2/\text{NDF}: 299.7/18$

Left: -0.111 ± 0.002 $\chi^2/\text{NDF}: 529.8/39$

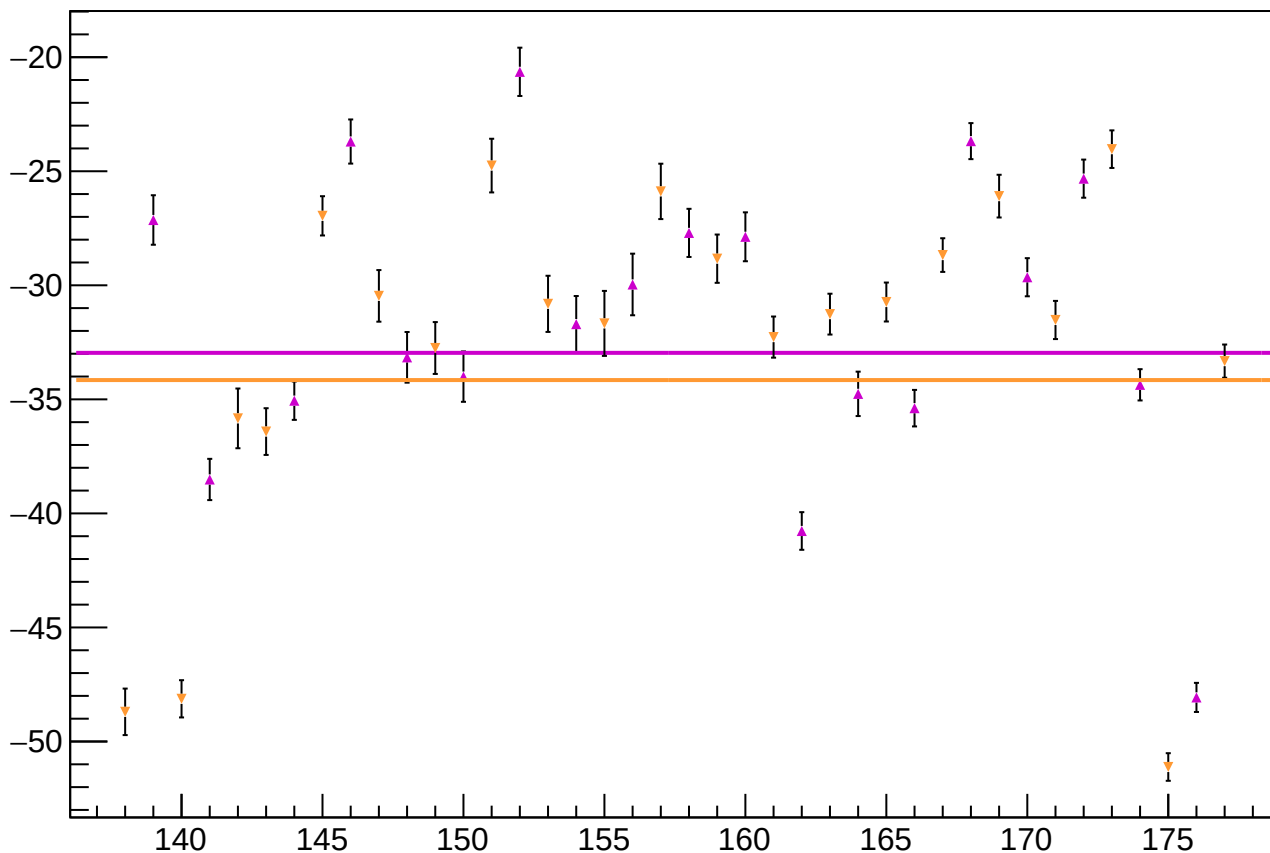
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.081 ± 0.003 $\chi^2/\text{NDF}: 2158.5/35$

Out: -0.095 ± 0.003 $\chi^2/\text{NDF}: 3922.6/38$

All: -0.088 ± 0.002 $\chi^2/\text{NDF}: 6095.7/74$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



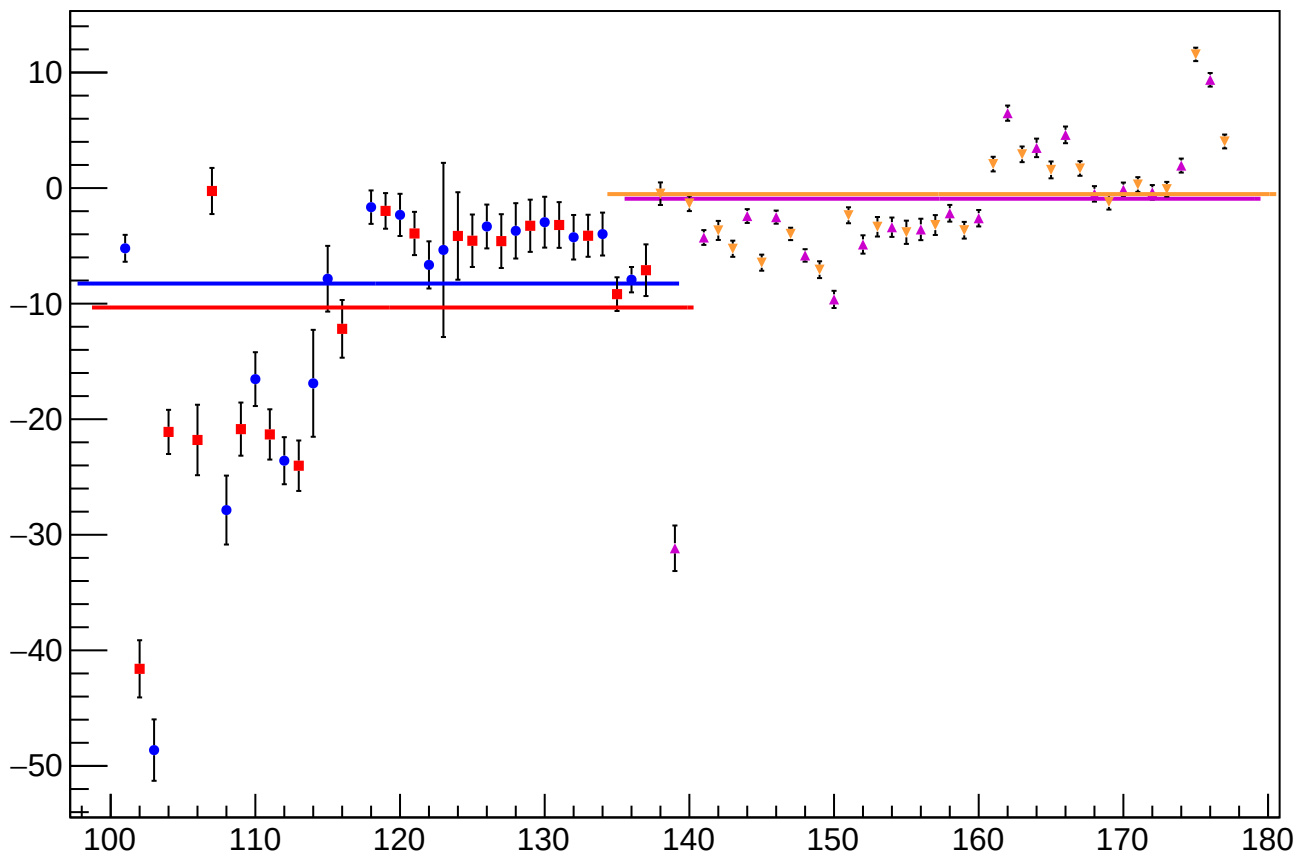
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18

Left: -33.577 $\pm$ 0.145 χ^2/NDF : 3114.6/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.961 $\pm$ 0.208 χ^2/NDF :1258.3/18
 Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20

All: -33.577 $\pm$ 0.145 χ^2/NDF : 3114.6/39

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -0.521 ± 0.151 χ^2/NDF : 870.5/20

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -0.922 ± 0.157 χ^2/NDF : 1092.8/18

Left: -0.713 ± 0.109 χ^2/NDF : 1966.7/39

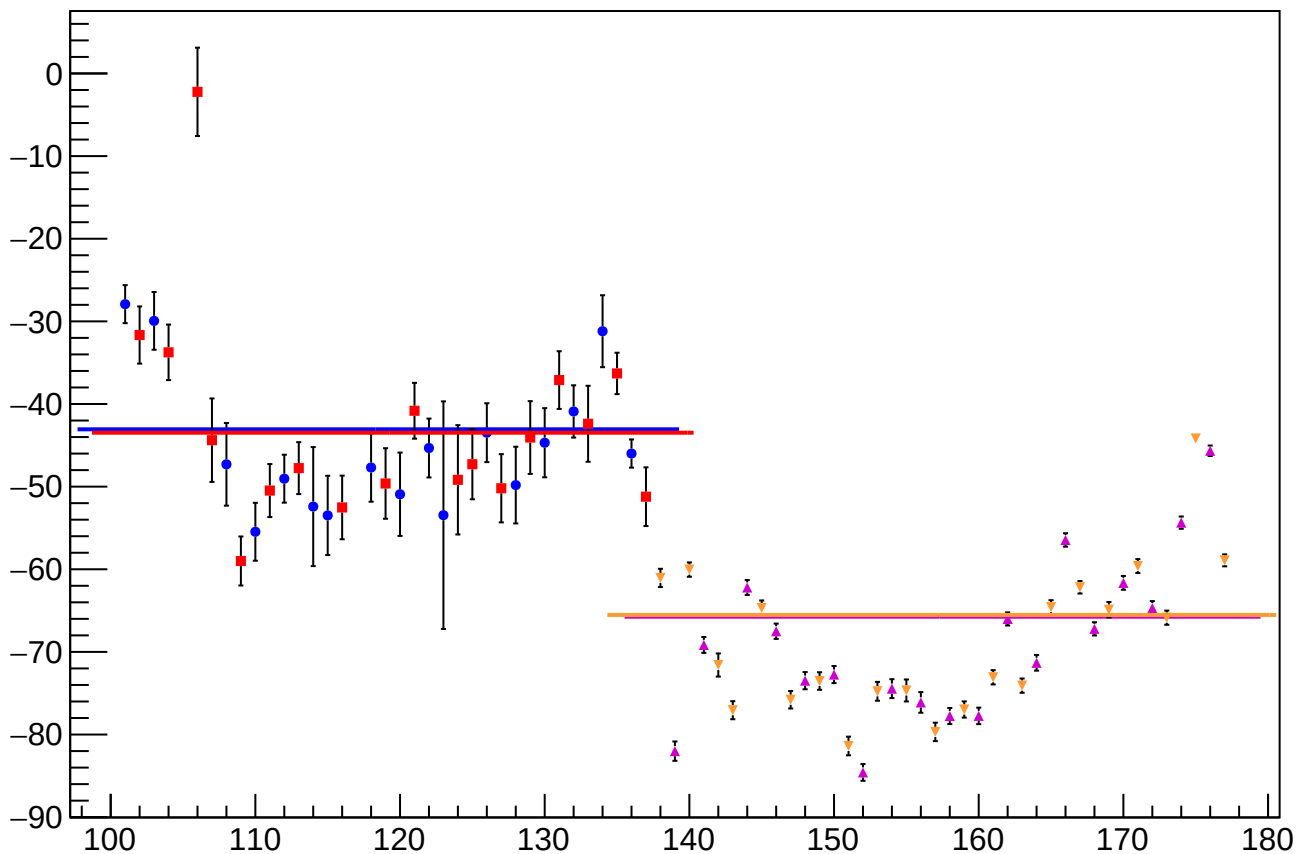
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -1.680 ± 0.149 χ^2/NDF : 1730.4/35

Out: -1.365 ± 0.144 χ^2/NDF : 1646.2/38

All: -1.518 ± 0.103 χ^2/NDF : 3378.9/74

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



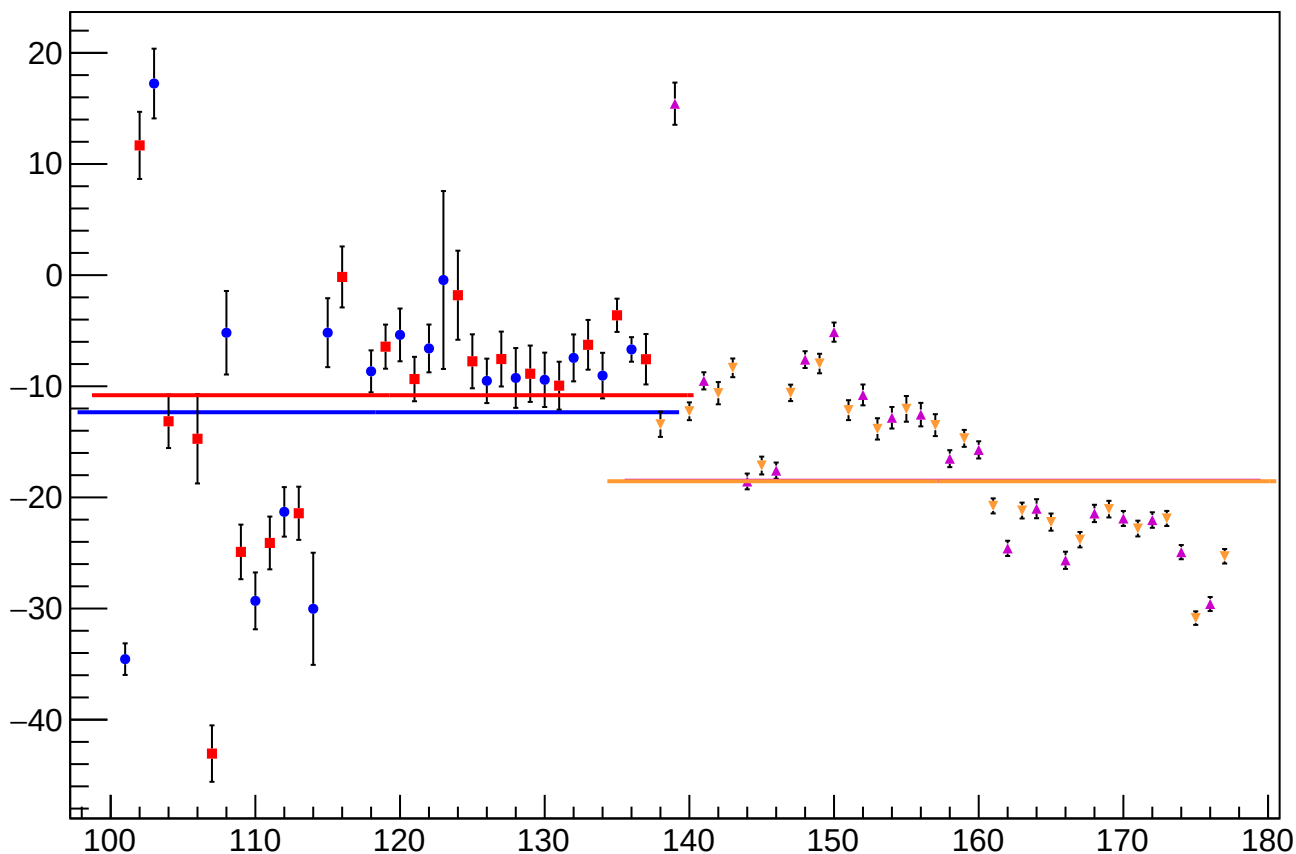
Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -65.527 ± 0.201 $\chi^2/\text{NDF}: 2517.8/20$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -65.741 ± 0.207 $\chi^2/\text{NDF}: 2532.7/18$

Left: -65.631 ± 0.144 $\chi^2/\text{NDF}: 5051.0/39$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -64.431 ± 0.201 $\chi^2/\text{NDF}: 3326.2/35$
 Out: -64.408 ± 0.196 $\chi^2/\text{NDF}: 3271.9/38$

All: -64.419 ± 0.140 $\chi^2/\text{NDF}: 6598.0/74$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -18.544 ± 0.171 χ^2/NDF : 1405.4/20

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -18.500 ± 0.178 χ^2/NDF : 1704.4/18

Left: -18.523 ± 0.124 χ^2/NDF : 3109.8/39

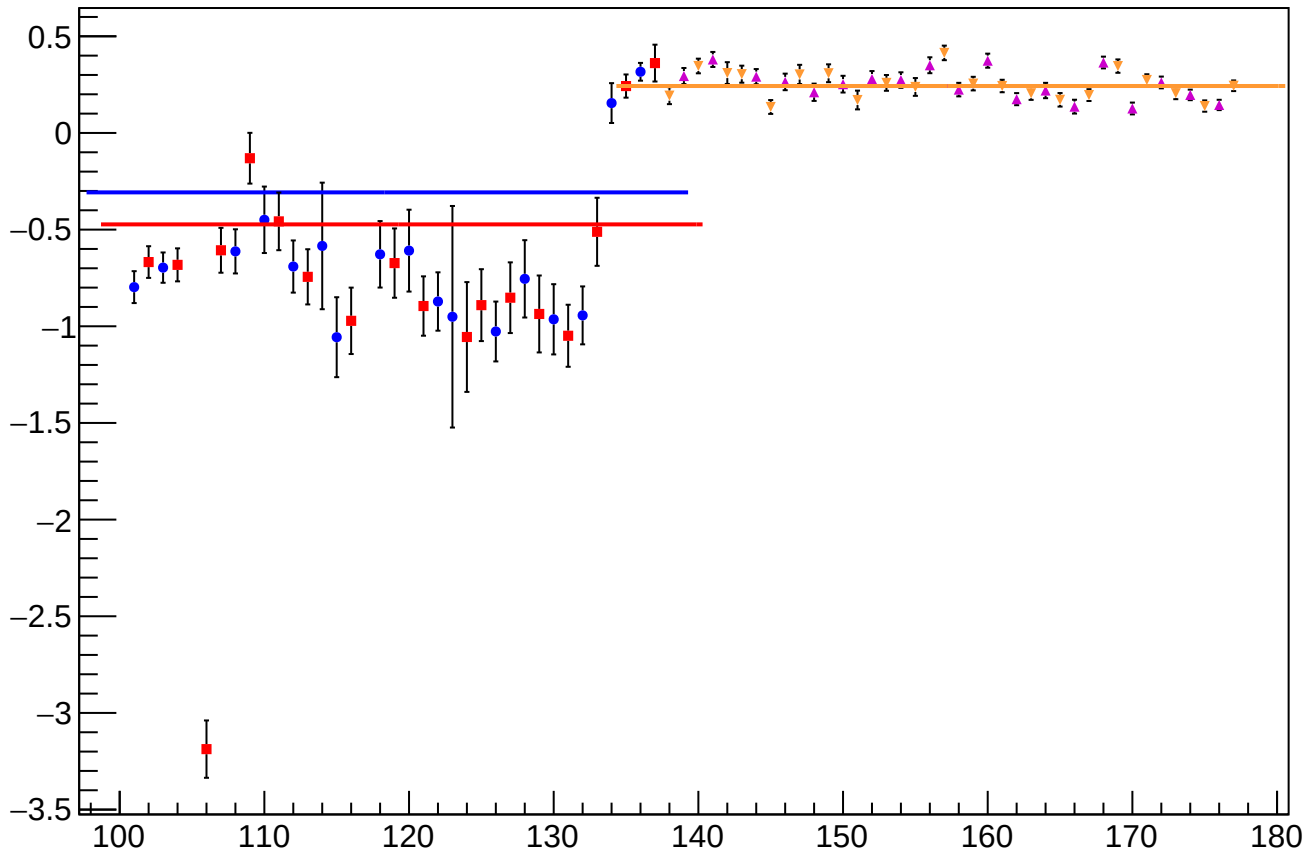
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -17.851 ± 0.169 χ^2/NDF : 2305.1/35

Out: -17.869 ± 0.164 χ^2/NDF : 1945.2/38

All: -17.860 ± 0.117 χ^2/NDF : 4250.2/74

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.243 ± 0.008 χ^2/NDF : 79.4/20

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.243 ± 0.008 χ^2/NDF : 98.8/18

Left: 0.243 ± 0.006 χ^2/NDF : 178.2/39

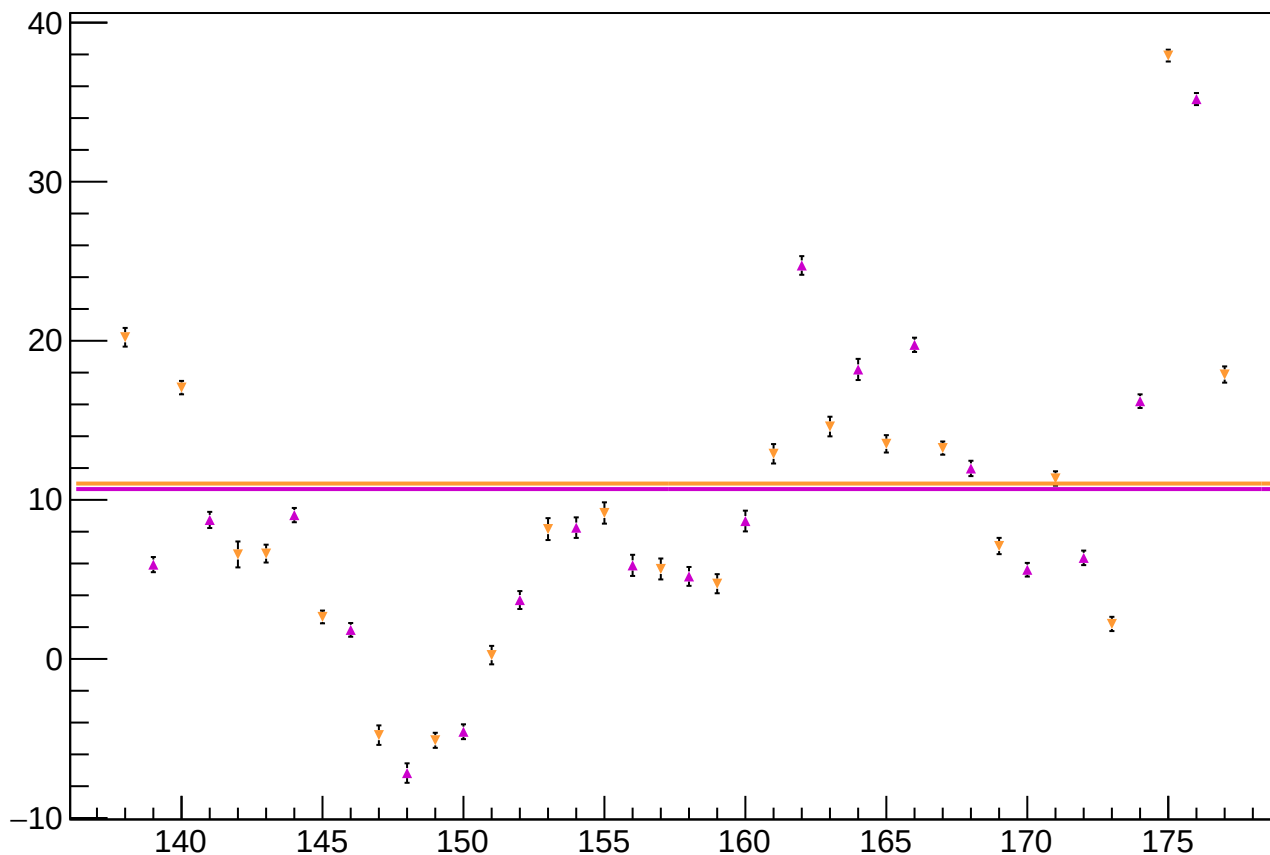
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.199 ± 0.008 χ^2/NDF : 838.6/35

Out: 0.192 ± 0.008 χ^2/NDF : 1286.9/38

All: 0.195 ± 0.005 χ^2/NDF : 2125.9/74

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 11.025 $\pm$ 0.113 χ^2/NDF :9285.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 10.678 $\pm$ 0.115 χ^2/NDF :8484.3/18

Left: 10.854 $\pm$ 0.081 χ^2/NDF : 17774.1/39

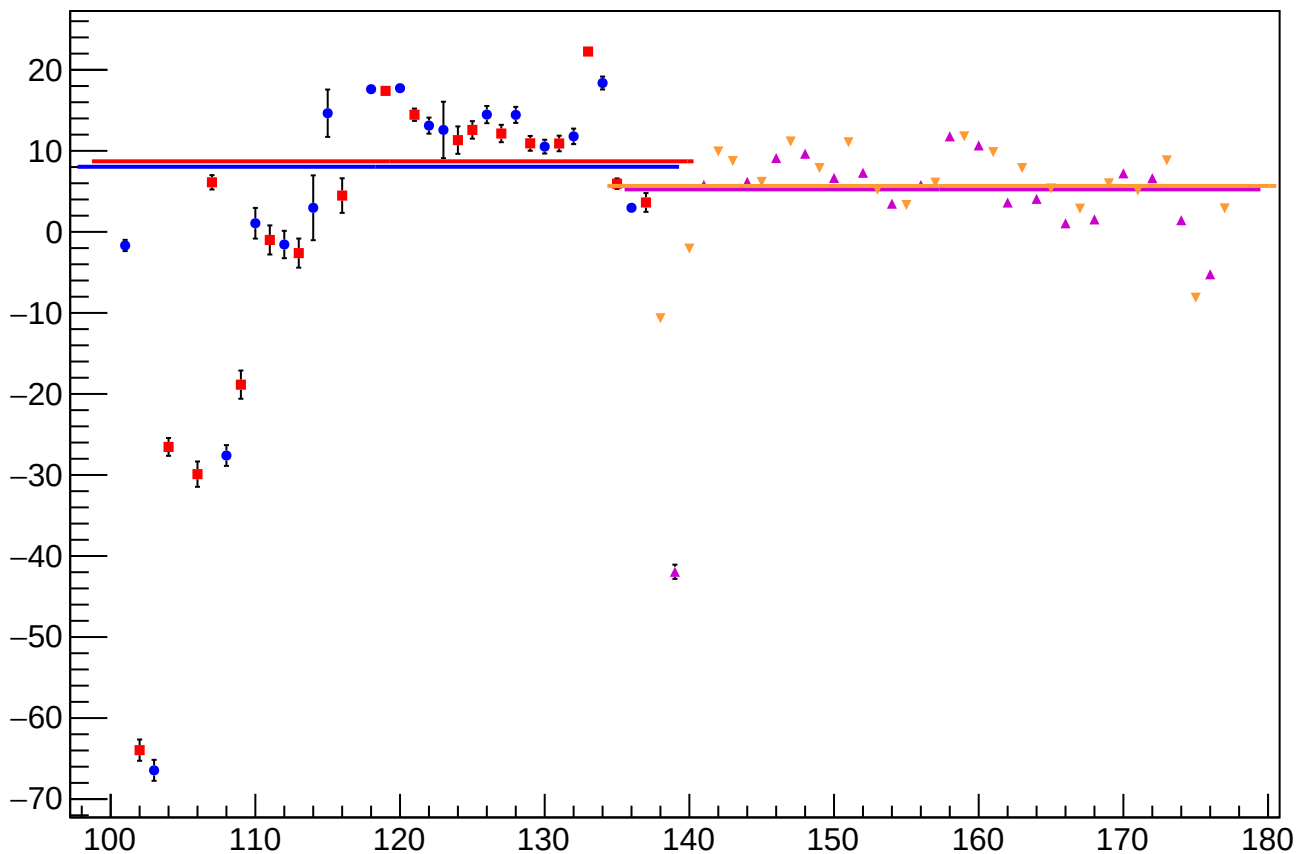
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 10.678 $\pm$ 0.115 χ^2/NDF :8484.3/18

Out: 11.025 $\pm$ 0.113 χ^2/NDF :9285.1/20

All: 10.854 $\pm$ 0.081 χ^2/NDF : 17774.1/39

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.673 ± 0.084 $\chi^2/\text{NDF}: 4057.0/20$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 5.247 ± 0.087 $\chi^2/\text{NDF}: 5006.1/18$

Left: 5.467 ± 0.061 $\chi^2/\text{NDF}: 9075.5/39$

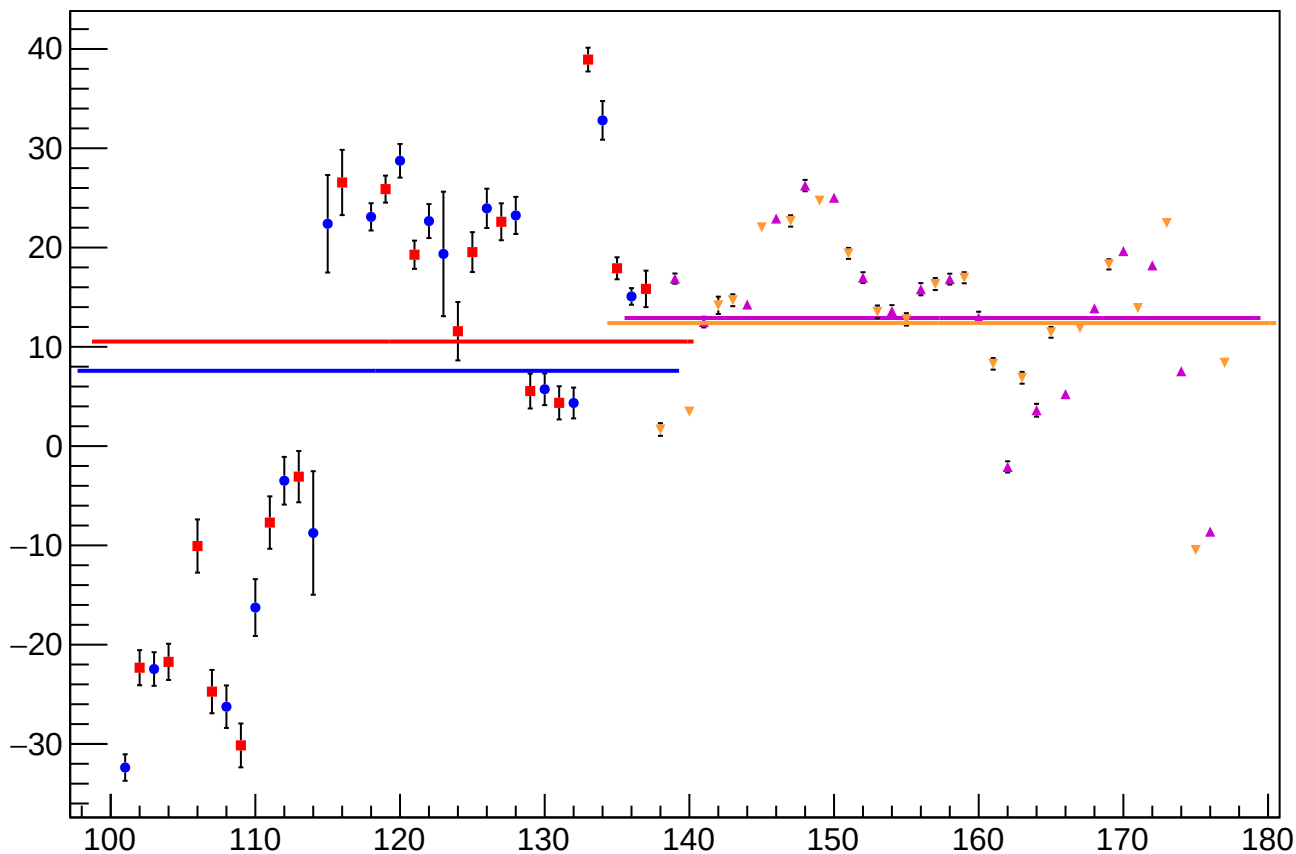
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 5.638 ± 0.081 $\chi^2/\text{NDF}: 10520.5/35$

Out: 6.083 ± 0.078 $\chi^2/\text{NDF}: 10522.6/38$

All: 5.867 ± 0.056 $\chi^2/\text{NDF}: 21058.8/74$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 12.396 $\pm$ 0.113 χ^2 /NDF: 7164.6/20

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 12.905 $\pm$ 0.114 χ^2 /NDF: 7093.4/18

Left: 12.648 $\pm$ 0.080 χ^2 /NDF: 14268.1/39

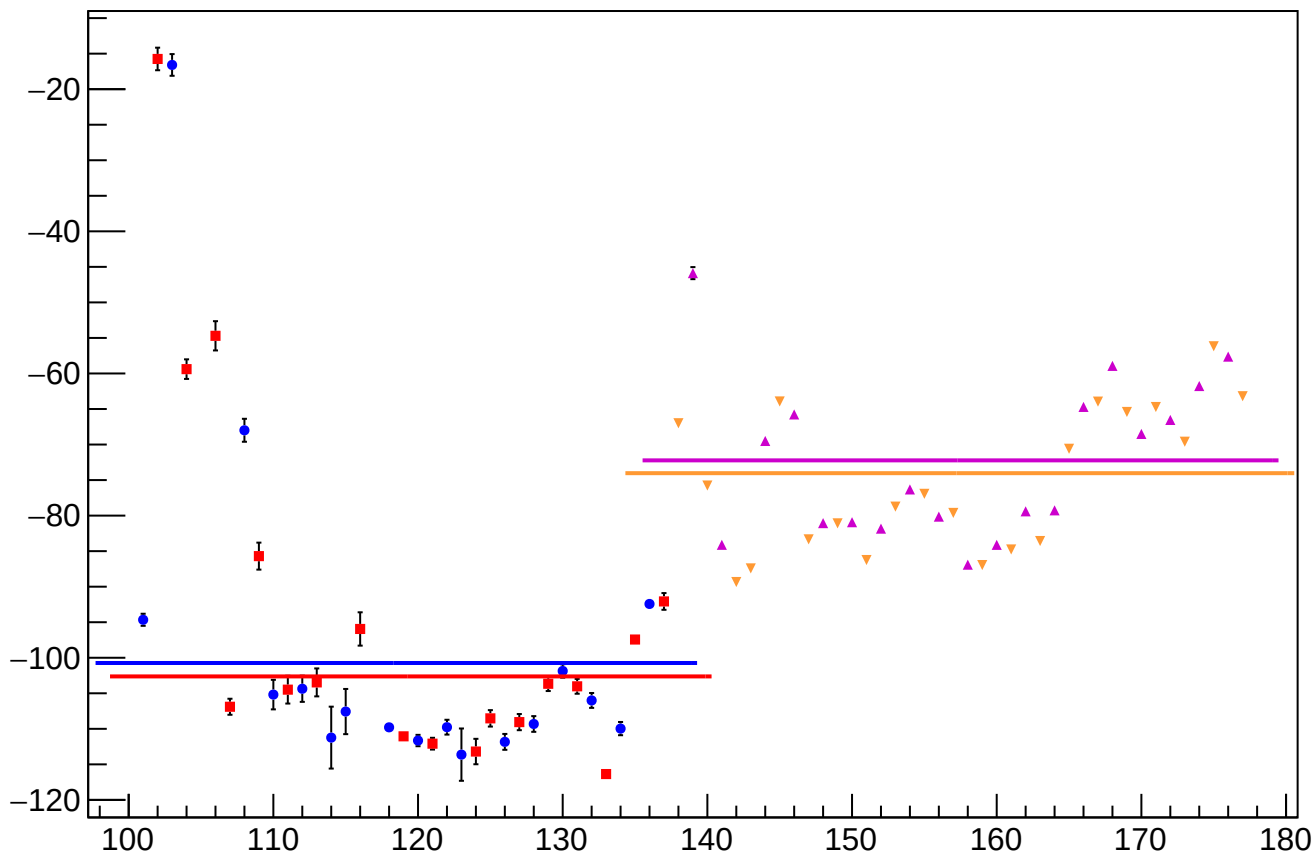
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 12.533 $\pm$ 0.110 χ^2 /NDF: 9568.0/35

Out: 12.269 $\pm$ 0.109 χ^2 /NDF: 9462.7/38

All: 12.400 $\pm$ 0.077 χ^2 /NDF: 19033.6/74

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -74.028+/-0.096 χ^2/NDF :10675.3/20

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -72.227+/-0.099 χ^2/NDF :9522.4/18

Left: -73.154+/-0.069 χ^2/NDF : 20367.5/39

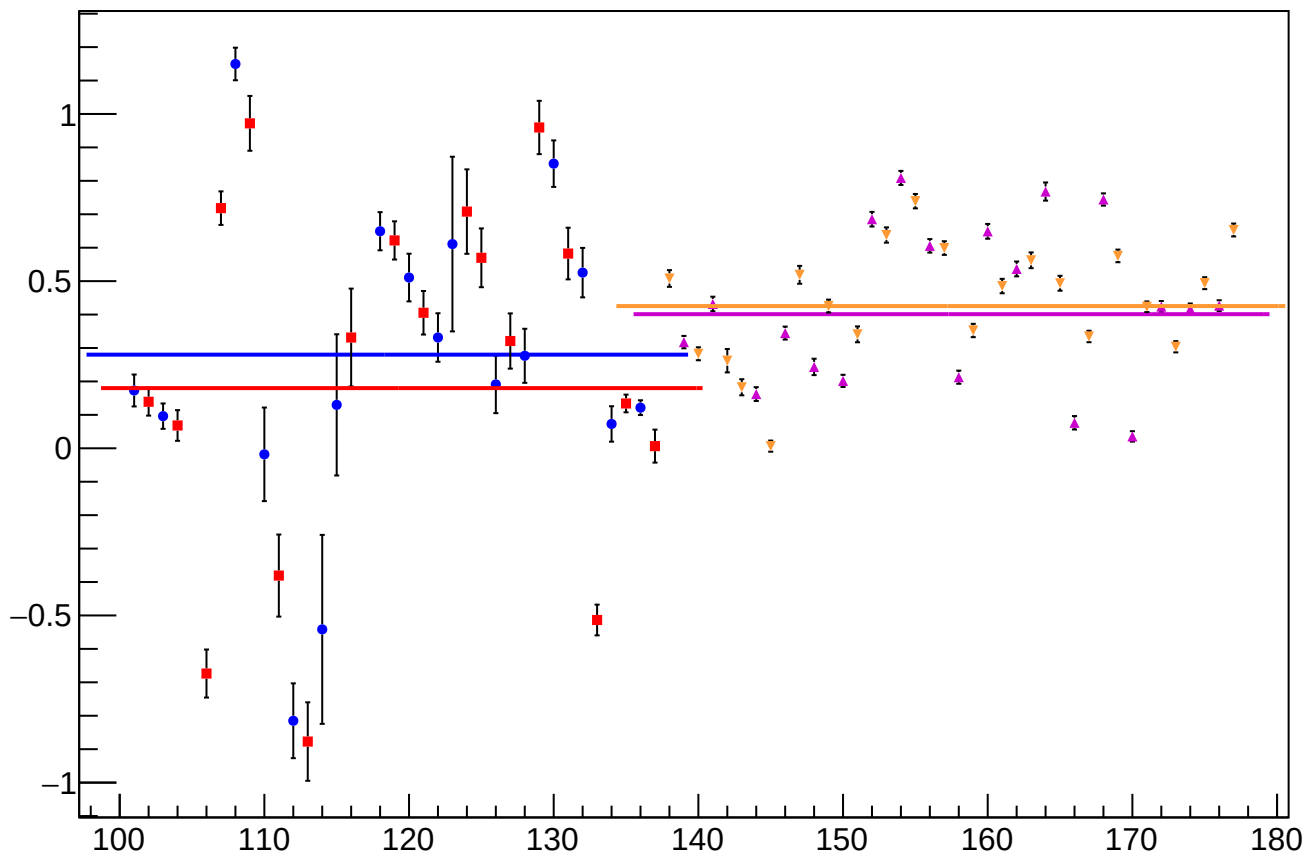
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -76.151+/-0.092 χ^2/NDF :25410.8/35

Out: -77.825+/-0.090 χ^2/NDF :28100.3/38

All: -77.011+/-0.064 χ^2/NDF : 53680.7/74

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.425 $\pm$ 0.004 χ^2 /NDF:1576.4/20

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.401 $\pm$ 0.004 χ^2 /NDF:2567.7/18

Left: 0.413 $\pm$ 0.003 χ^2 /NDF: 4158.8/39

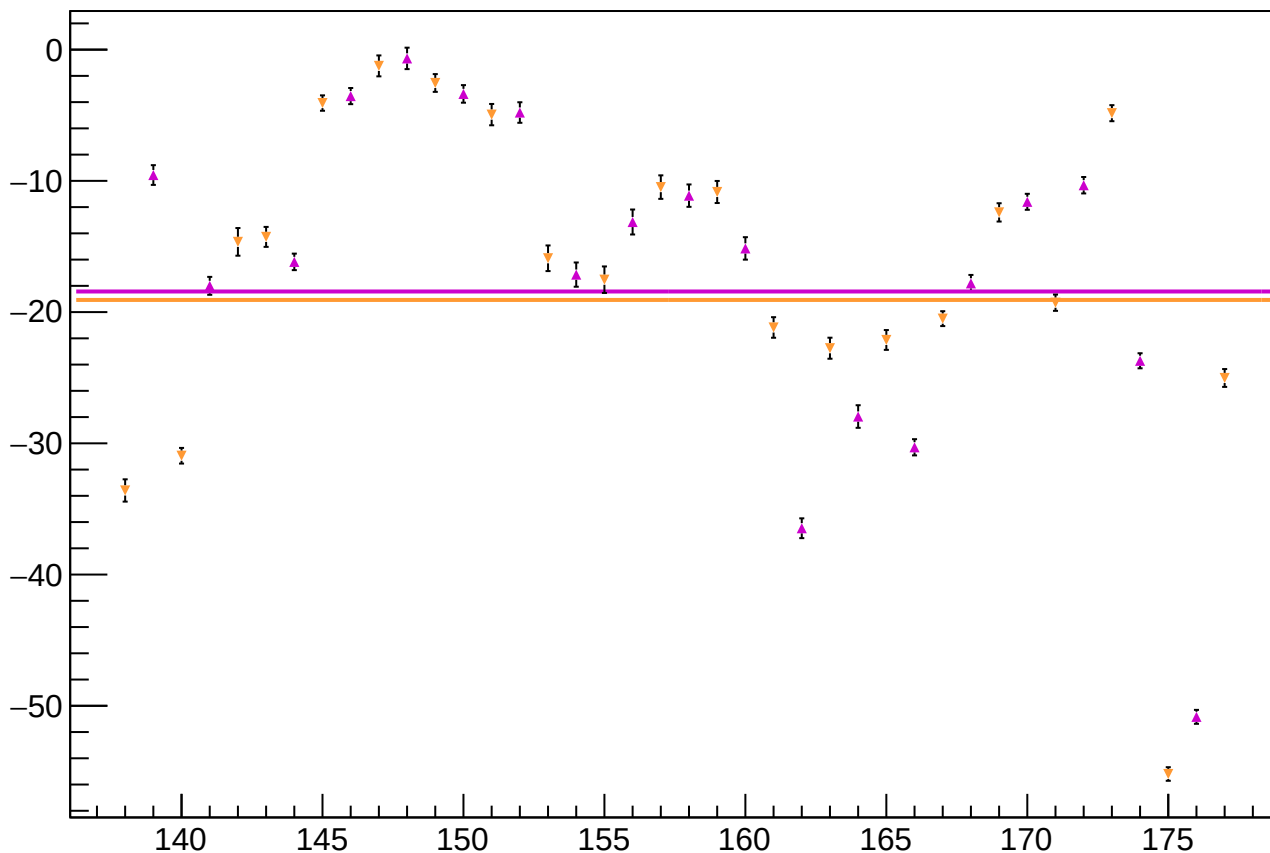
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.389 $\pm$ 0.004 χ^2 /NDF:3296.7/35

Out: 0.401 $\pm$ 0.004 χ^2 /NDF:2812.3/38

All: 0.395 $\pm$ 0.003 χ^2 /NDF: 6113.2/74

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: -19.073+/-0.156 χ^2/NDF : 8620.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.429+/-0.159 χ^2/NDF : 7307.7/18

Left: -18.757+/-0.112 χ^2/NDF : 15936.2/39

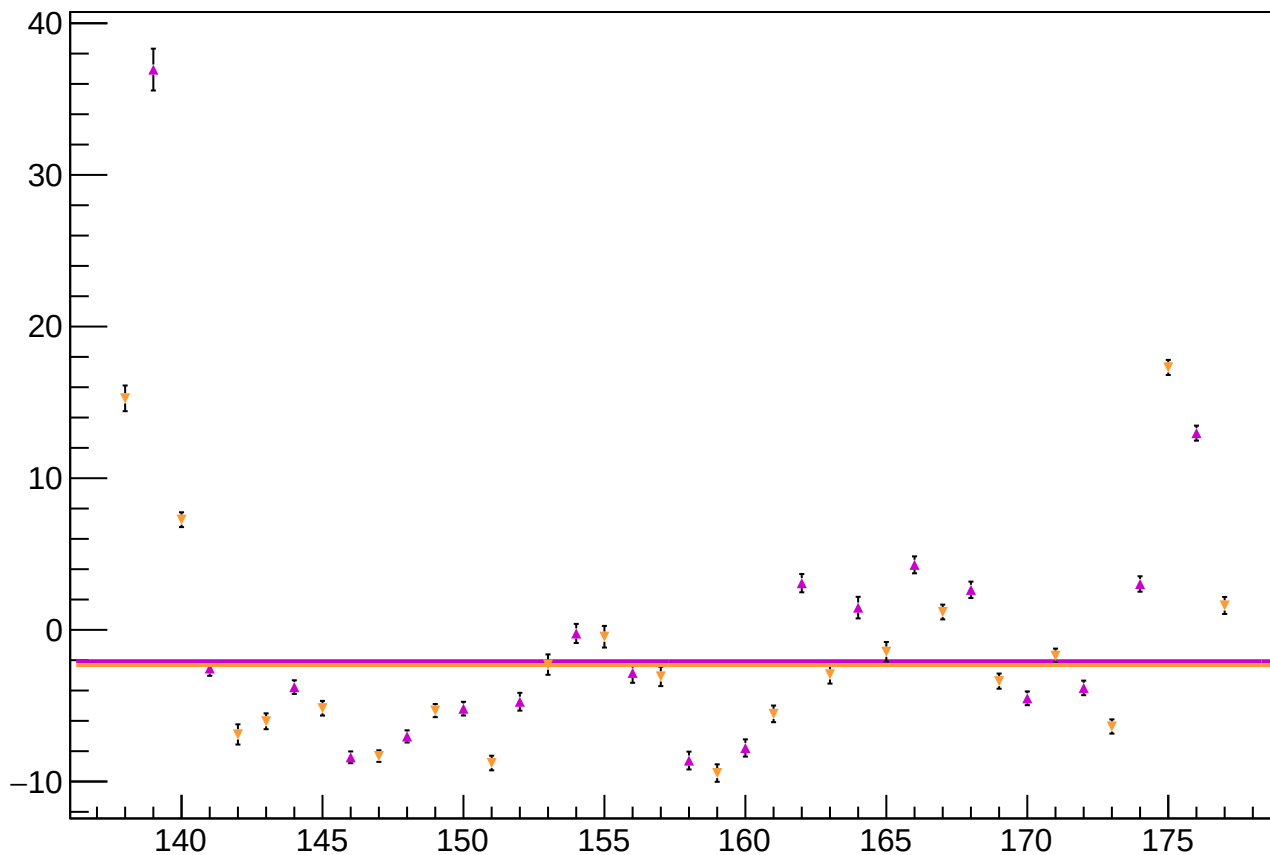
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.429+/-0.159 χ^2/NDF : 7307.7/18

Out: -19.073+/-0.156 χ^2/NDF : 8620.1/20

All: -18.757+/-0.112 χ^2/NDF : 15936.2/39

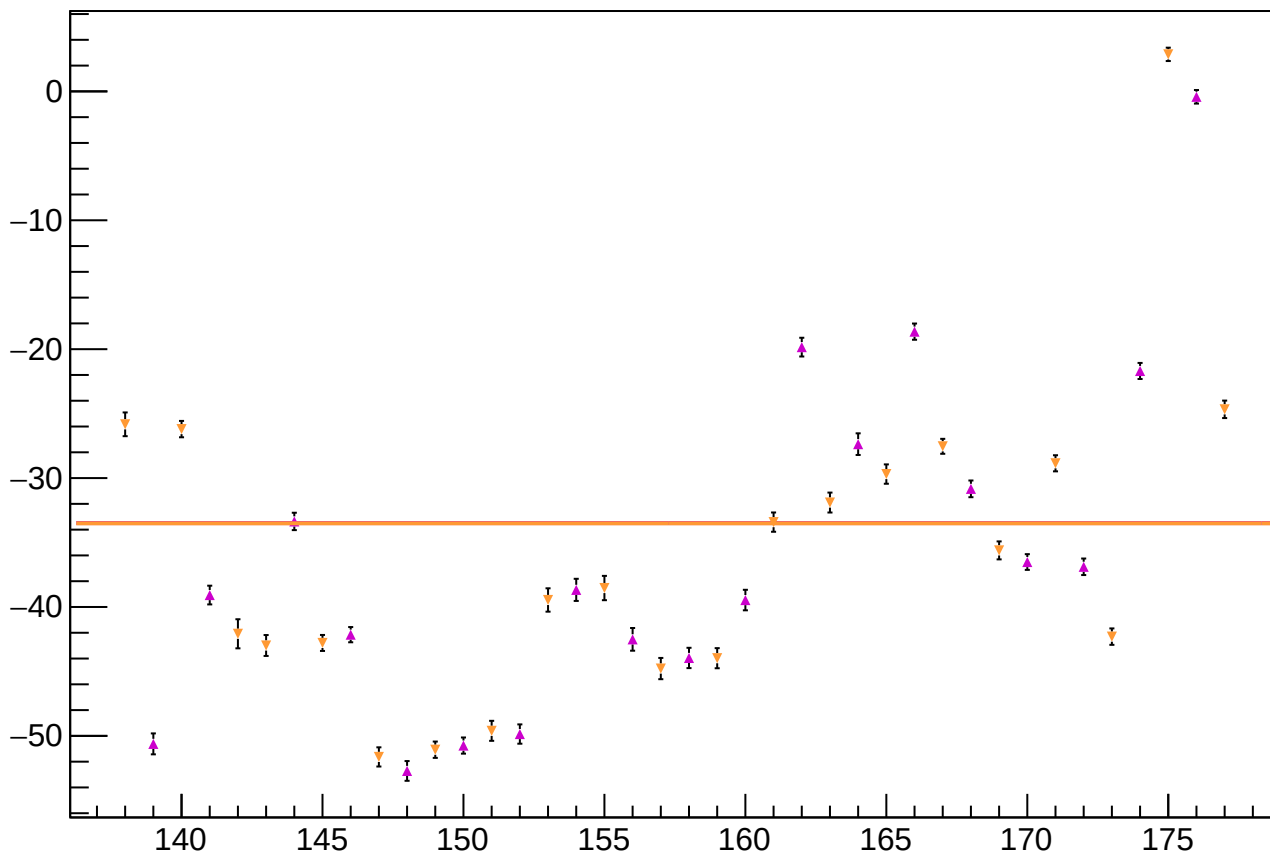
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.316+/-0.116 χ^2/NDF :3355.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.069+/-0.120 χ^2/NDF :2908.3/18

Left: -2.197+/-0.083 χ^2/NDF : 6265.6/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.069+/-0.120 χ^2/NDF :2908.3/18
 Out: -2.316+/-0.116 χ^2/NDF :3355.1/20
 All: -2.197+/-0.083 χ^2/NDF : 6265.6/39

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -33.489 $\pm$ 0.158 χ^2/NDF :8308.5/18

Left: -33.499 $\pm$ 0.111 χ^2/NDF : 16648.9/39

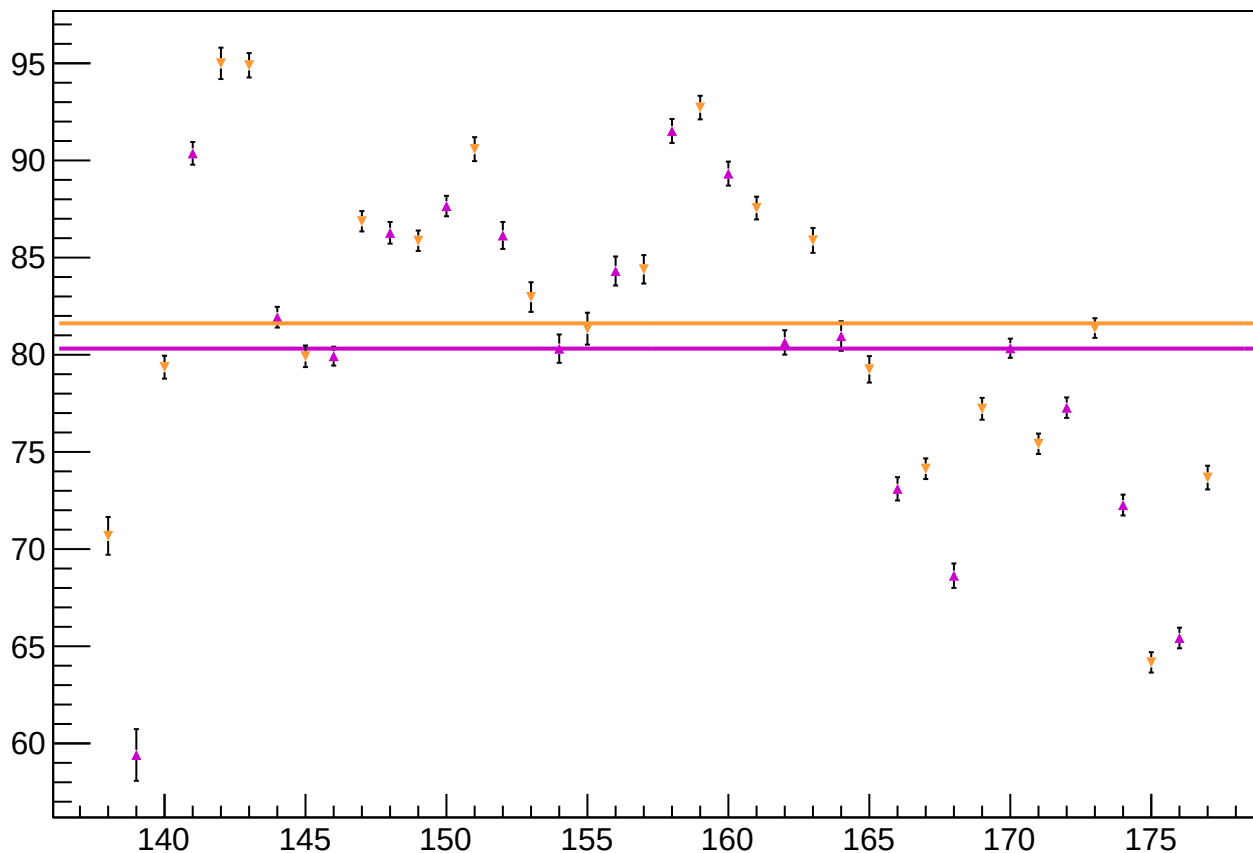
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -33.489 $\pm$ 0.158 χ^2/NDF :8308.5/18

Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

All: -33.499 $\pm$ 0.111 χ^2/NDF : 16648.9/39

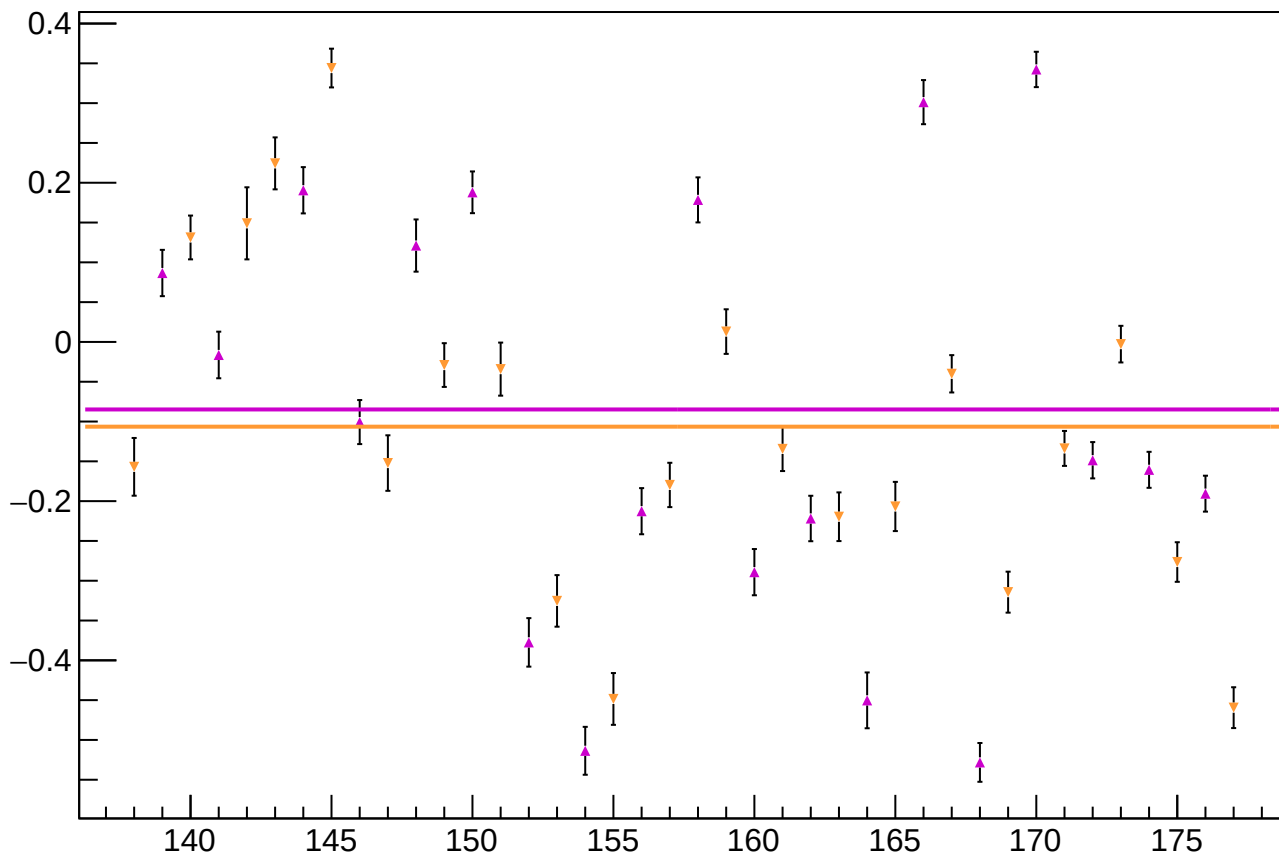
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 81.618 $\pm$ 0.132 χ^2/NDF :3440.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 80.317 $\pm$ 0.137 χ^2/NDF :3038.8/18

Left: 80.988 $\pm$ 0.095 χ^2/NDF : 6525.7/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 80.317 $\pm$ 0.137 χ^2/NDF :3038.8/18
 Out: 81.618 $\pm$ 0.132 χ^2/NDF :3440.3/20
 All: 80.988 $\pm$ 0.095 χ^2/NDF : 6525.7/39

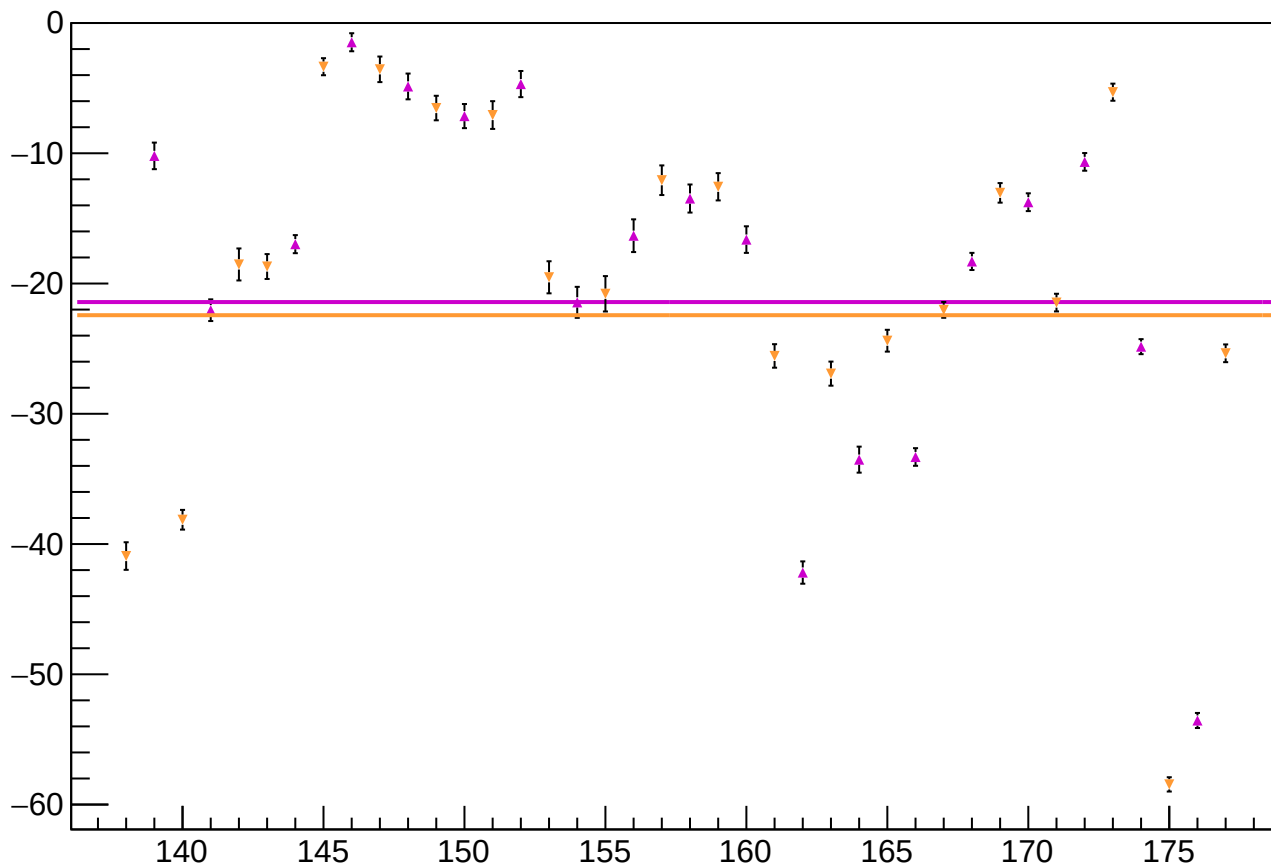
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.085+/-0.006 χ^2/NDF :1796.4/18

Left: -0.096+/-0.004 χ^2/NDF : 2908.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.085+/-0.006 χ^2/NDF :1796.4/18
 Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 All: -0.096+/-0.004 χ^2/NDF : 2908.4/39

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: -22.431+/-0.180 χ^2/NDF : 7853.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.423+/-0.182 χ^2/NDF : 6439.4/18

Left: -21.934+/-0.128 χ^2/NDF : 14308.4/39

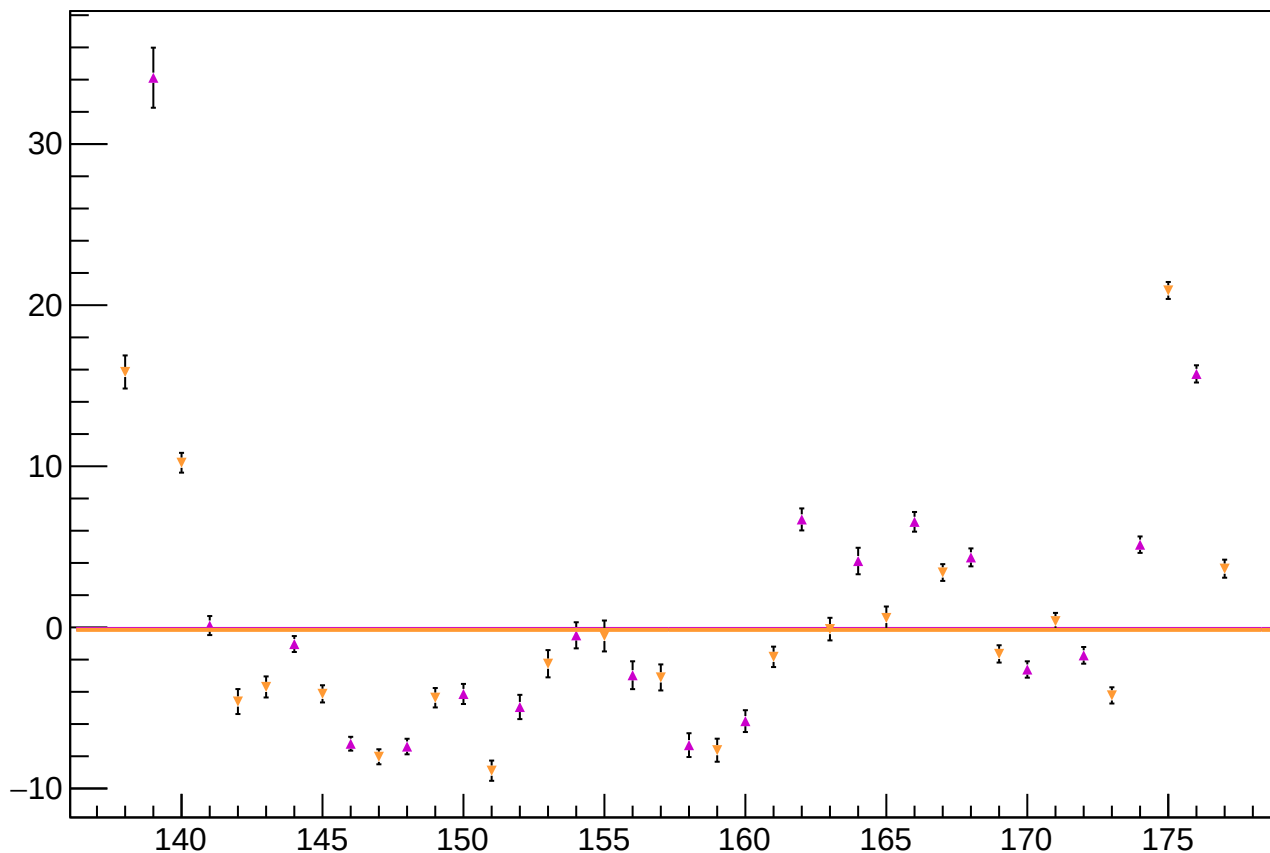
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.423+/-0.182 χ^2/NDF : 6439.4/18

Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20

All: -21.934+/-0.128 χ^2/NDF : 14308.4/39

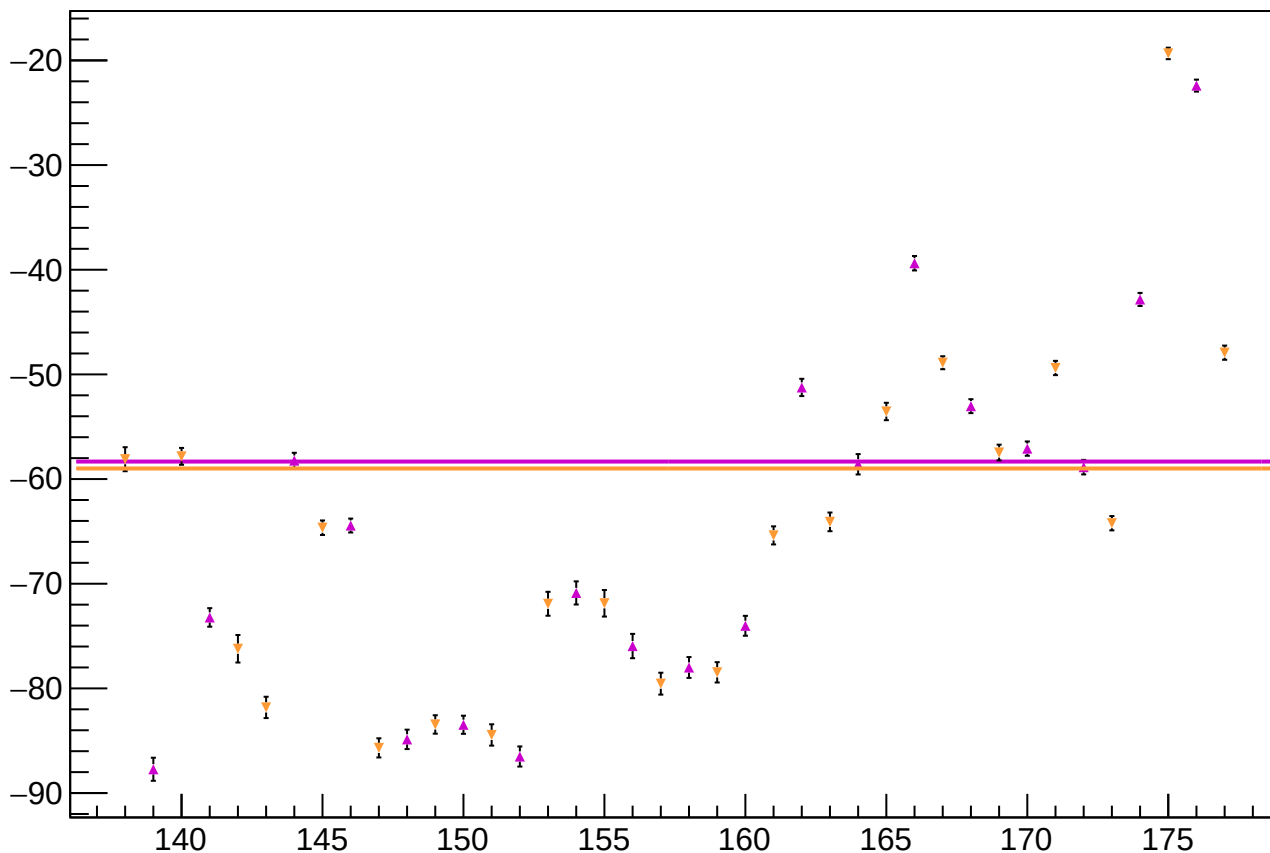
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.155+/-0.135 χ^2/NDF :3077.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.097+/-0.138 χ^2/NDF :2428.4/18

Left: -0.127+/-0.096 χ^2/NDF : 5506.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.097+/-0.138 χ^2/NDF :2428.4/18
 Out: -0.155+/-0.135 χ^2/NDF :3077.6/20
 All: -0.127+/-0.096 χ^2/NDF : 5506.1/39

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: -58.989+/-0.180 χ^2/NDF :10125.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -58.327+/-0.182 χ^2/NDF :10061.5/18

Left: -58.662+/-0.128 χ^2/NDF : 20193.9/39

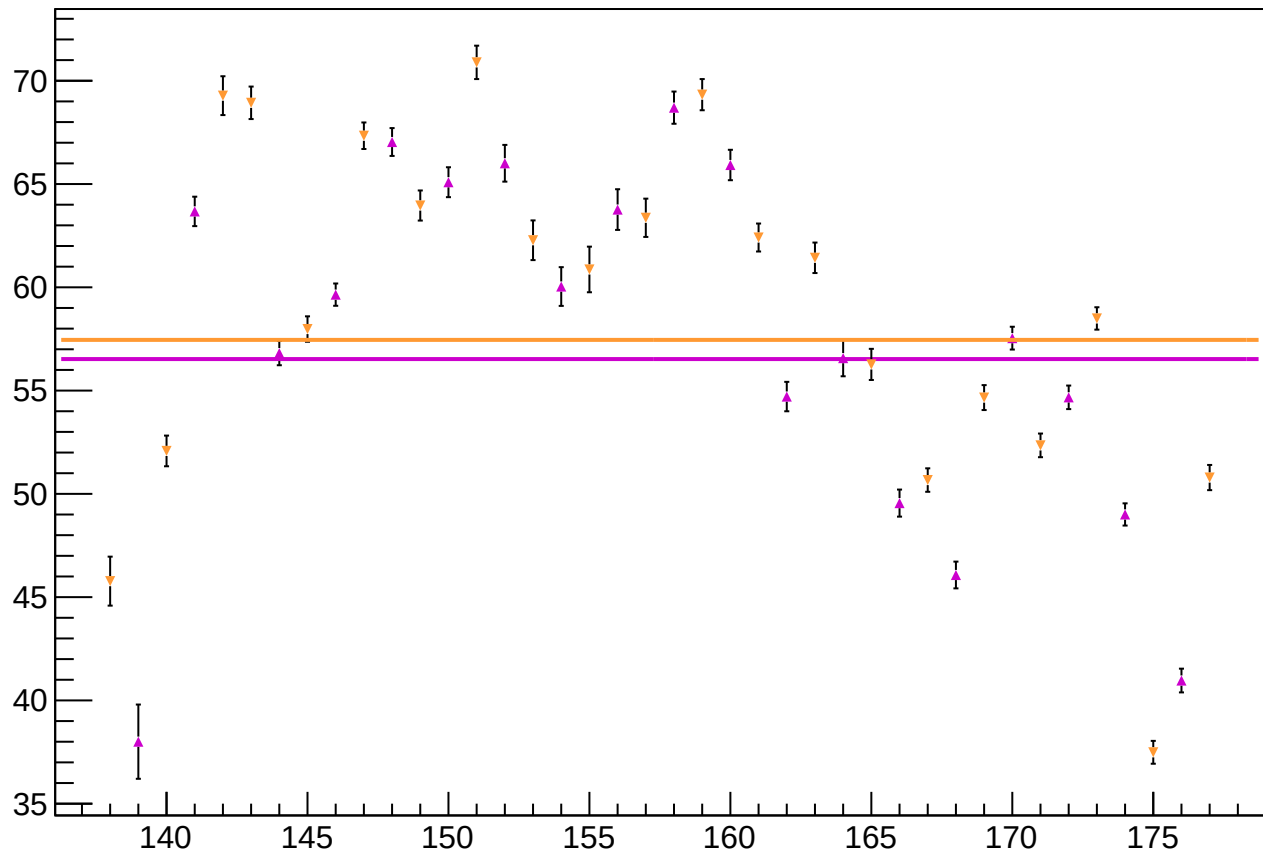
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.327+/-0.182 χ^2/NDF :10061.5/18

Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

All: -58.662+/-0.128 χ^2/NDF : 20193.9/39

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 57.455 $\pm$ 0.153 χ^2/NDF :3190.6/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 56.526 $\pm$ 0.157 χ^2/NDF :2534.9/18

Left: 57.002 $\pm$ 0.110 χ^2/NDF : 5743.4/39

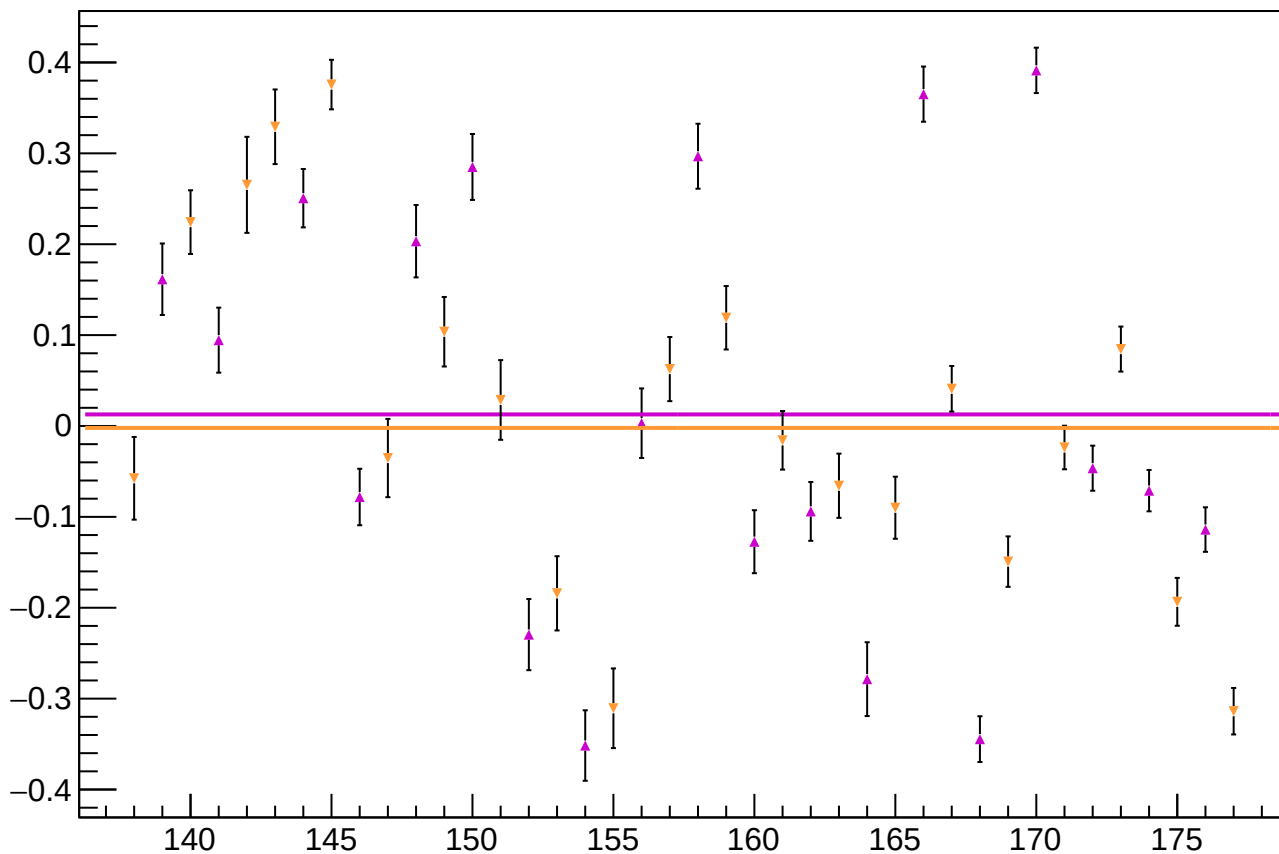
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 56.526 $\pm$ 0.157 χ^2/NDF :2534.9/18

Out: 57.455 $\pm$ 0.153 χ^2/NDF :3190.6/20

All: 57.002 $\pm$ 0.110 χ^2/NDF : 5743.4/39

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: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Left: 0.005 $\pm$ 0.005 χ^2 /NDF: 1719.8/39

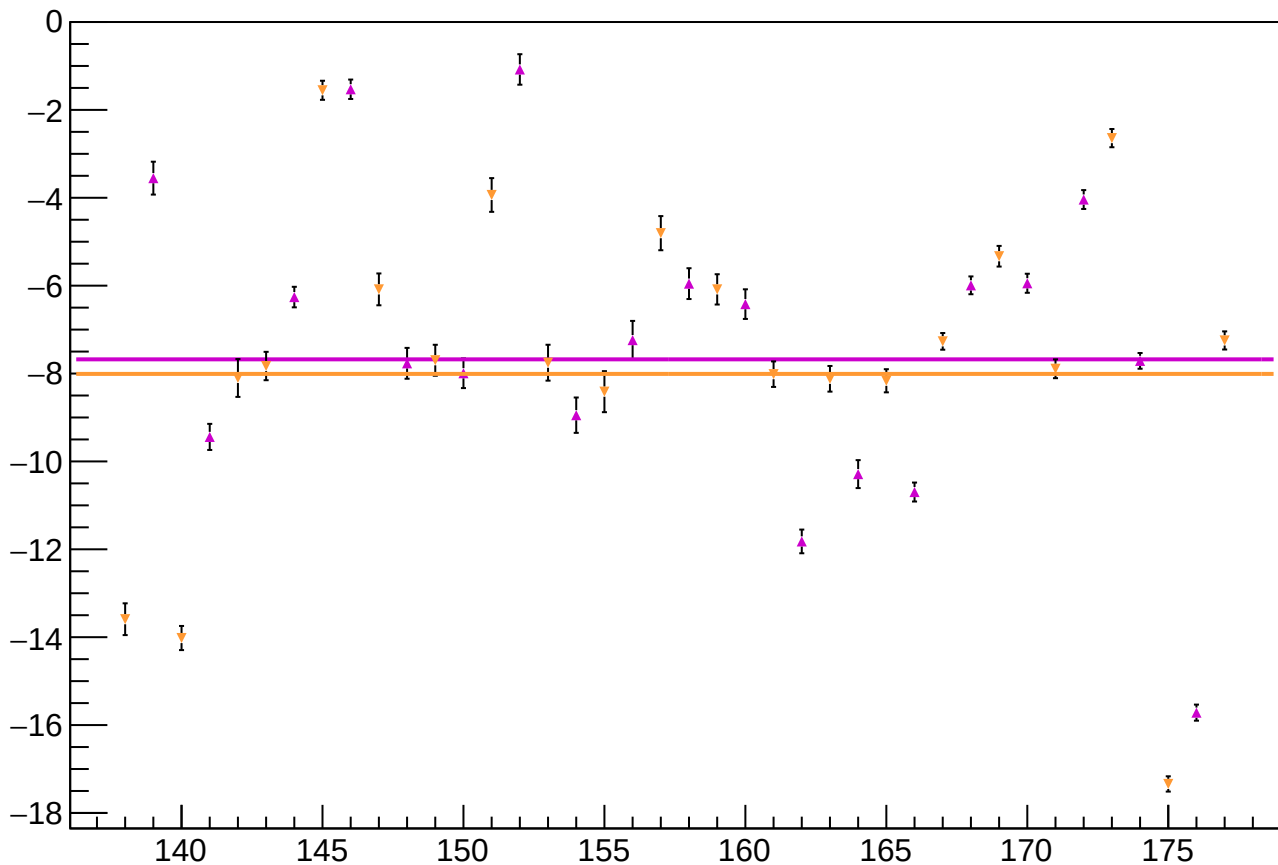
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.013 $\pm$ 0.007 χ^2 /NDF:1042.4/18

Out: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

All: 0.005 $\pm$ 0.005 χ^2 /NDF: 1719.8/39

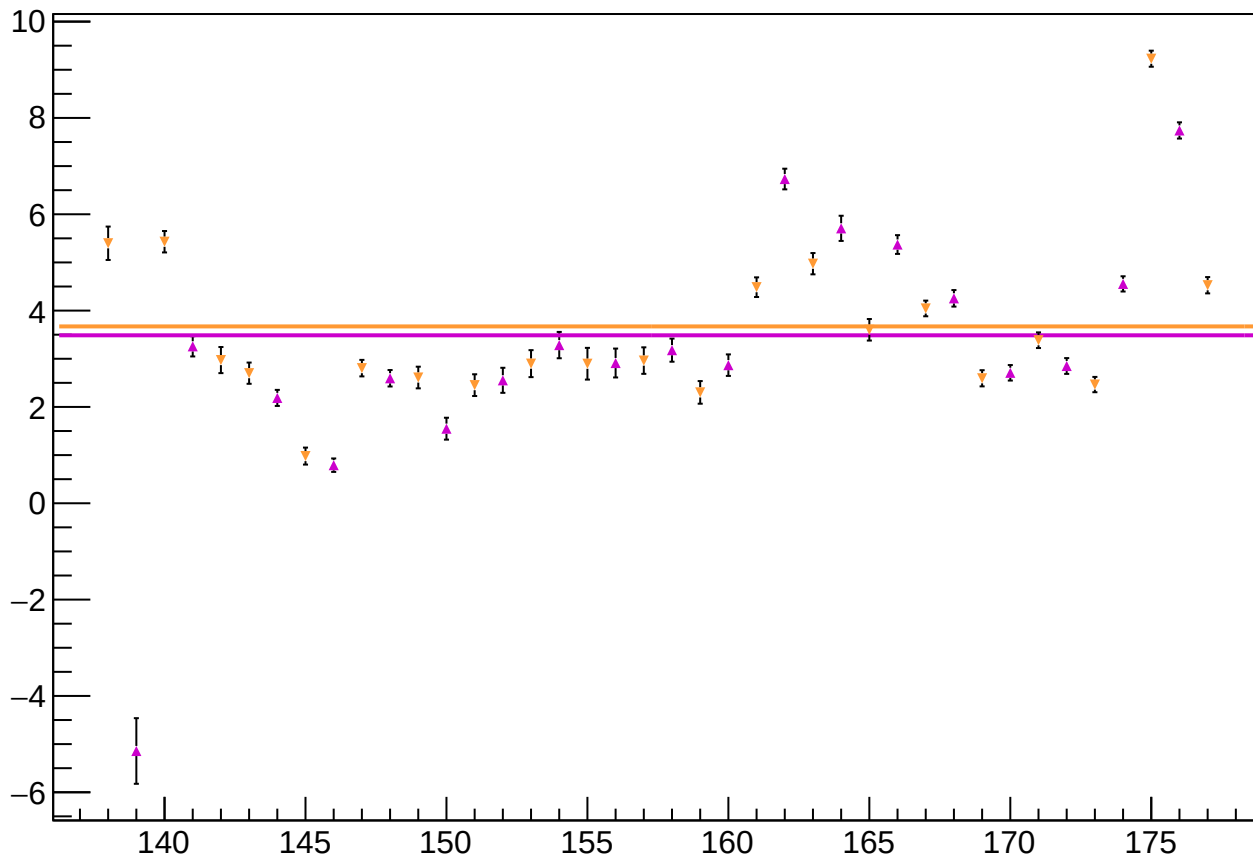
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.008+/-0.059 χ^2/NDF :5549.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.677+/-0.059 χ^2/NDF :4229.6/18

Left: -7.845+/-0.042 χ^2/NDF : 9794.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.677+/-0.059 χ^2/NDF :4229.6/18
 Out: -8.008+/-0.059 χ^2/NDF :5549.1/20
 All: -7.845+/-0.042 χ^2/NDF : 9794.5/39

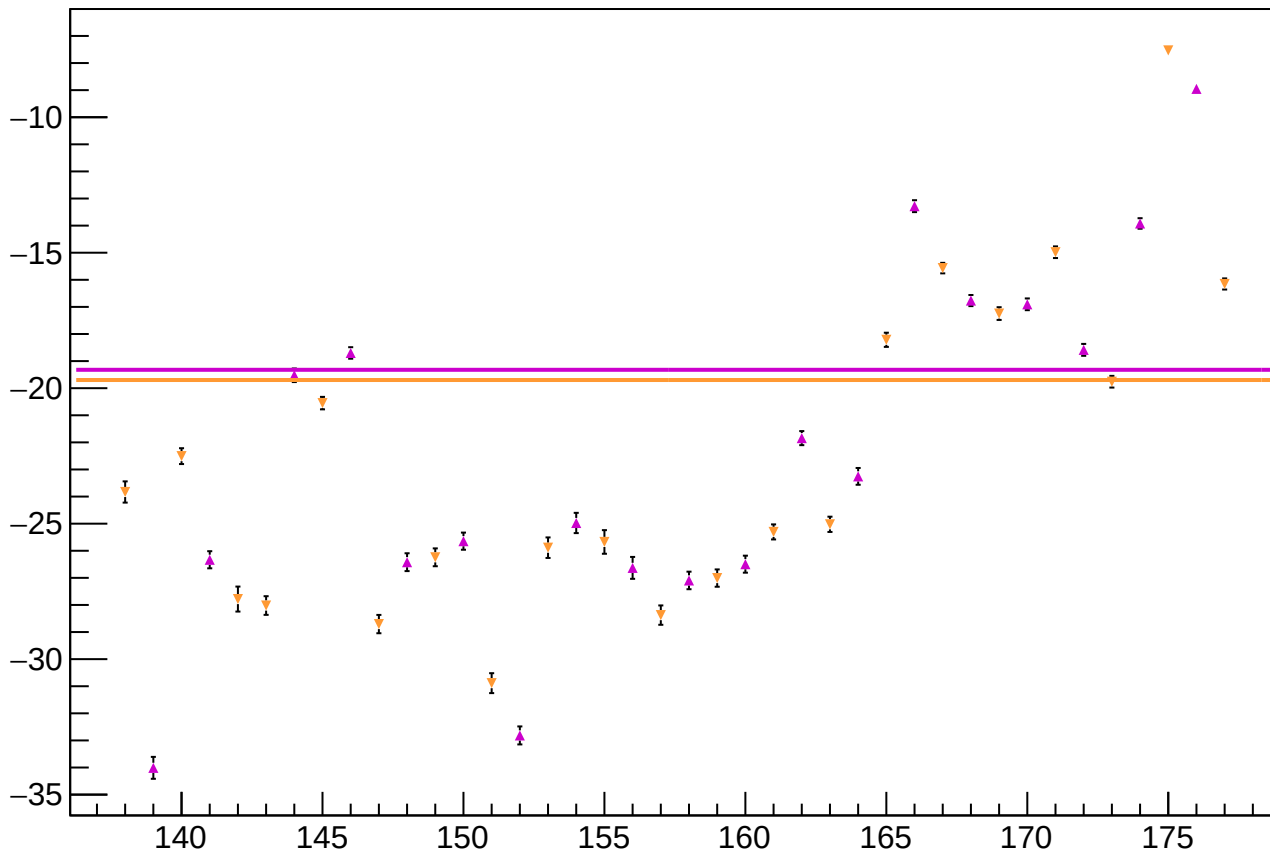
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.487+/-0.045 χ^2/NDF :1859.1/18

Left: 3.581+/-0.032 χ^2/NDF : 3639.1/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.487+/-0.045 χ^2/NDF :1859.1/18
 Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 All: 3.581+/-0.032 χ^2/NDF : 3639.1/39

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: -19.698+/-0.059 χ^2/NDF :11706.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.321+/-0.059 χ^2/NDF :11342.4/18

Left: -19.512+/-0.042 χ^2/NDF : 23069.0/39

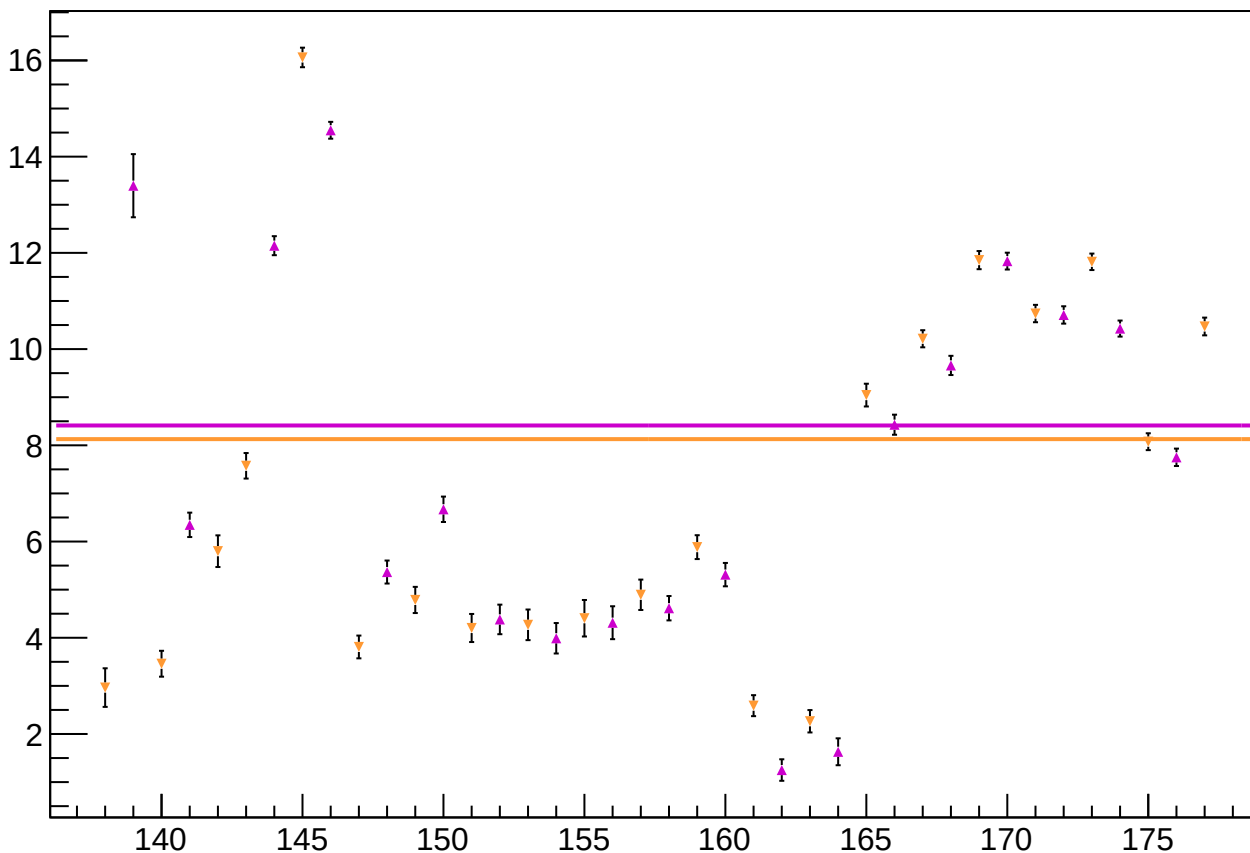
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.321+/-0.059 χ^2/NDF :11342.4/18

Out: -19.698+/-0.059 χ^2/NDF :11706.2/20

All: -19.512+/-0.042 χ^2/NDF : 23069.0/39

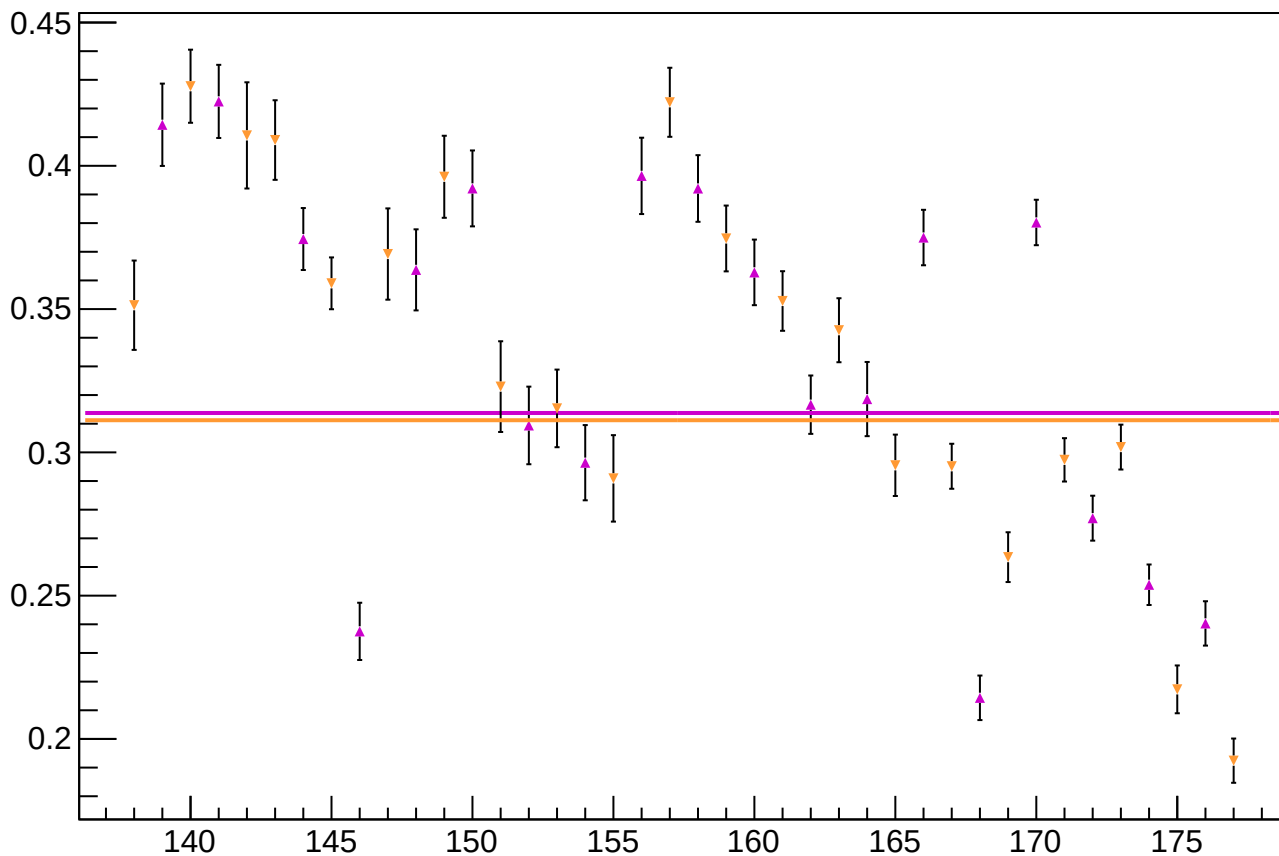
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.412+/-0.051 χ^2/NDF :5173.2/18

Left: 8.267+/-0.036 χ^2/NDF : 10986.0/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.412+/-0.051 χ^2/NDF :5173.2/18
 Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 All: 8.267+/-0.036 χ^2/NDF : 10986.0/39

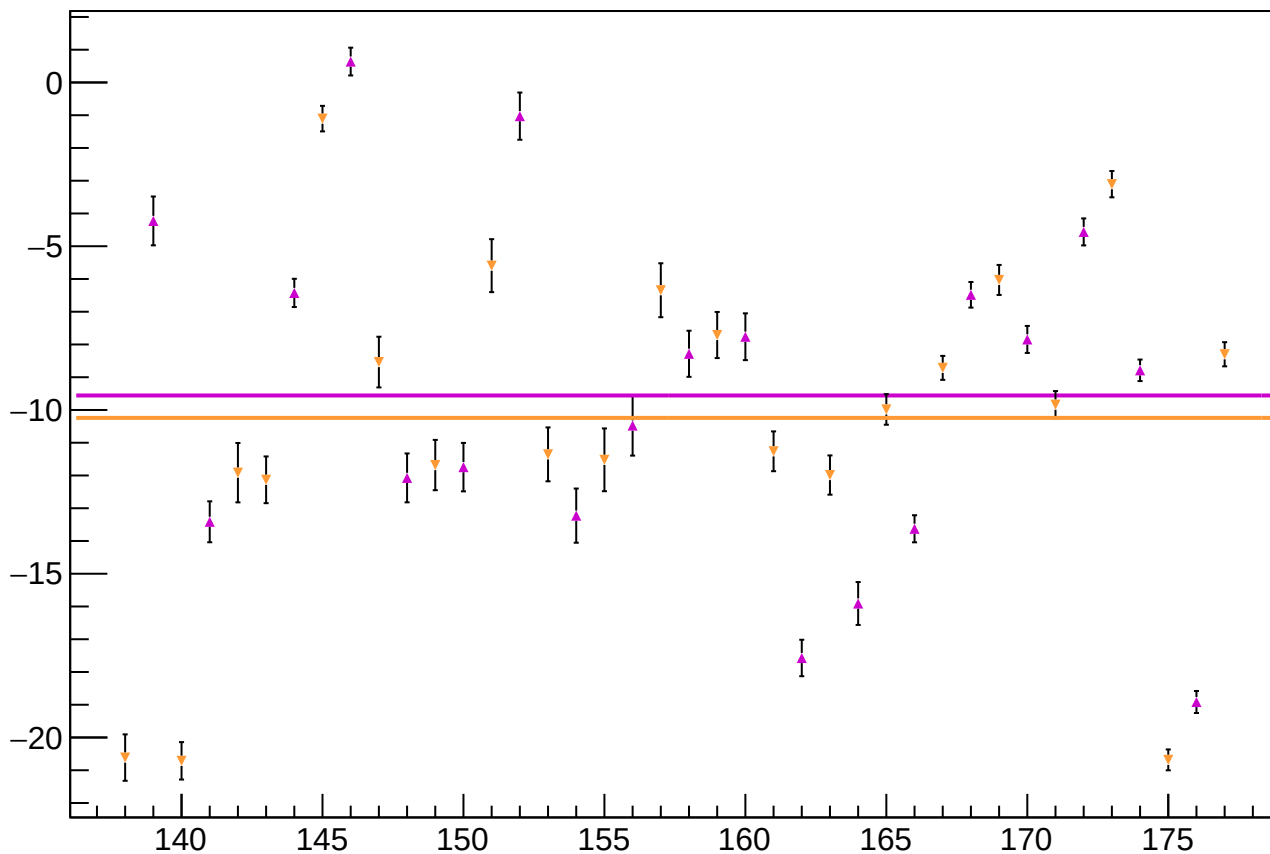
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.314 $\pm$ 0.002 χ^2 /NDF:821.2/18

Left: 0.312 $\pm$ 0.002 χ^2 /NDF: 1613.1/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.314 $\pm$ 0.002 χ^2 /NDF:821.2/18
 Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 All: 0.312 $\pm$ 0.002 χ^2 /NDF: 1613.1/39

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: -10.241 $\pm$ 0.114 χ^2 /NDF:2721.3/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.557 $\pm$ 0.115 χ^2 /NDF:2315.3/18

Left: -9.904 $\pm$ 0.081 χ^2 /NDF: 5054.4/39

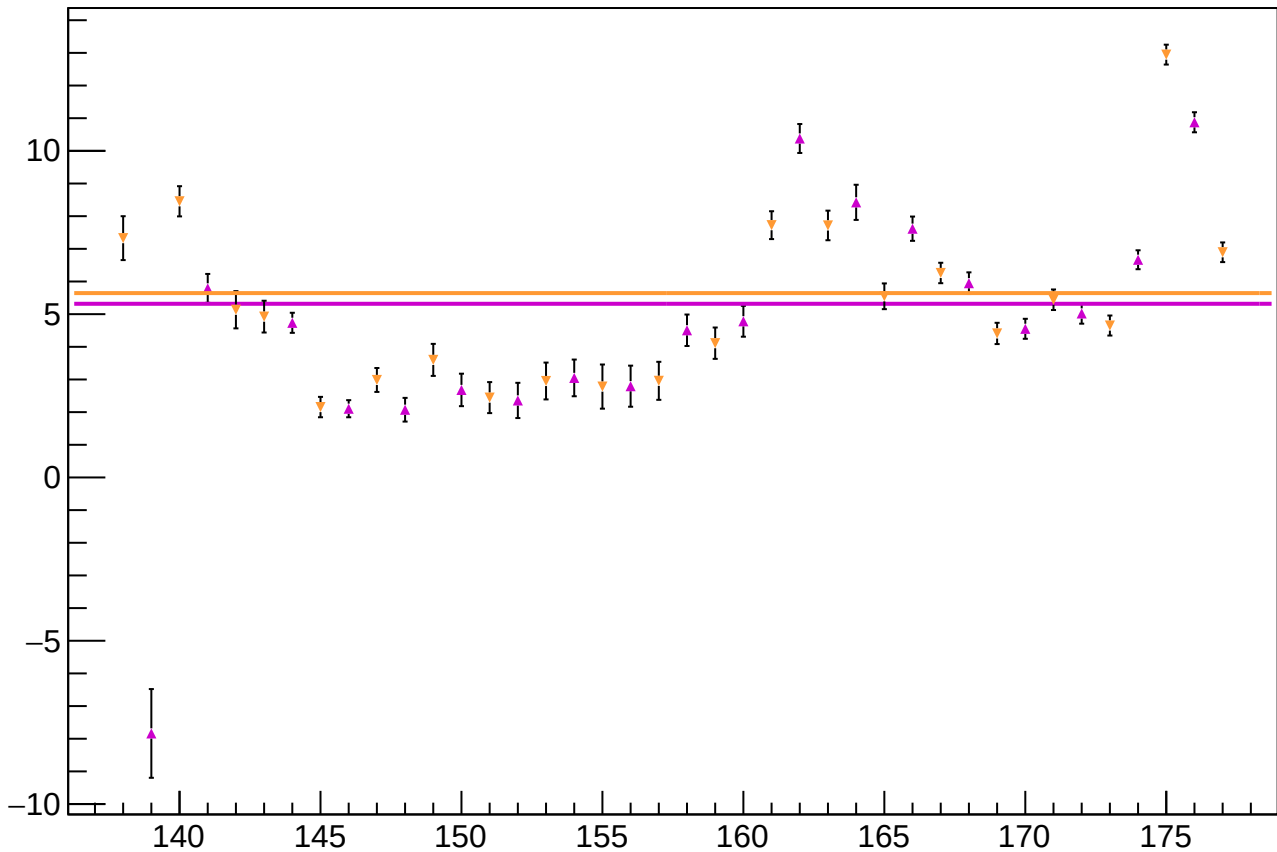
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.557 $\pm$ 0.115 χ^2 /NDF:2315.3/18

Out: -10.241 $\pm$ 0.114 χ^2 /NDF:2721.3/20

All: -9.904 $\pm$ 0.081 χ^2 /NDF: 5054.4/39

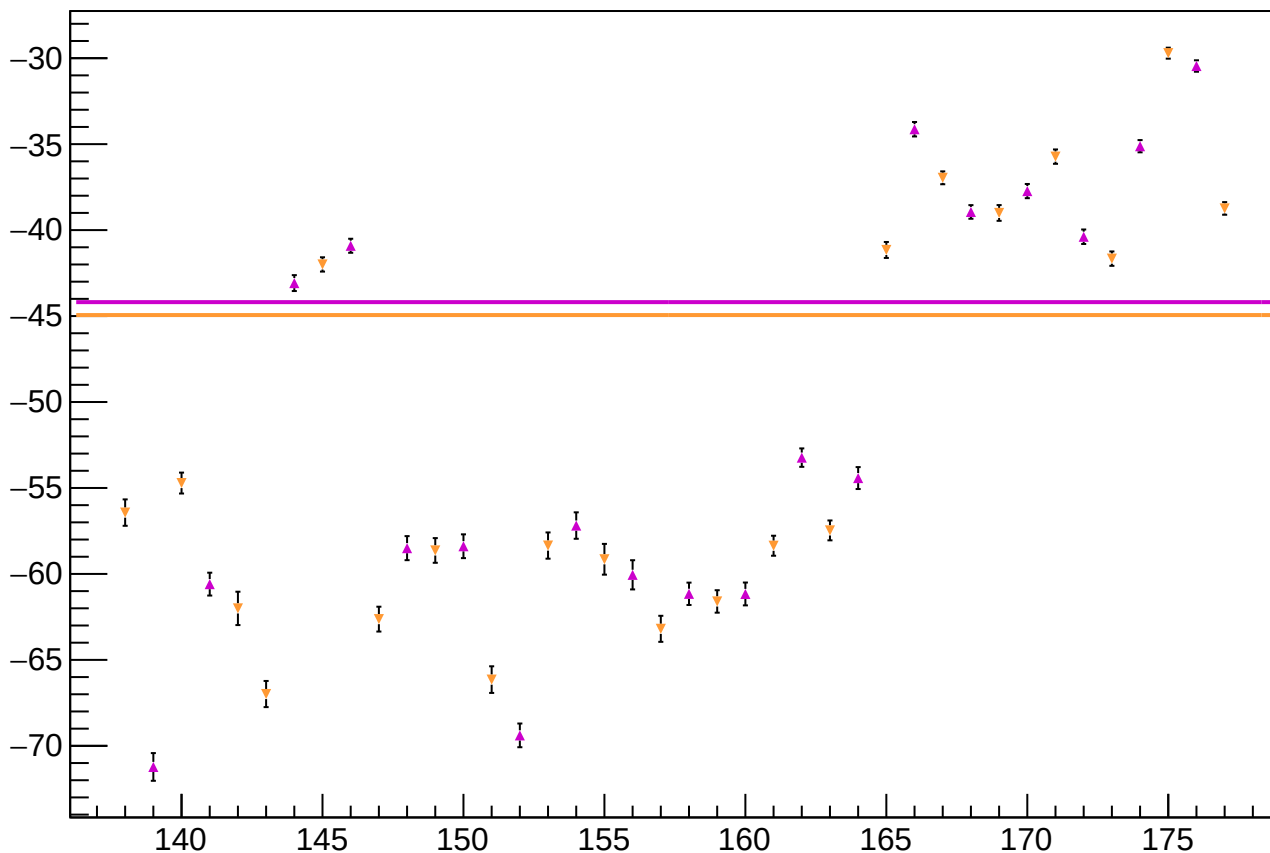
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.318 $\pm$ 0.088 χ^2 /NDF:985.4/18

Left: 5.484 $\pm$ 0.062 χ^2 /NDF: 2017.5/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.318 $\pm$ 0.088 χ^2 /NDF:985.4/18
 Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 All: 5.484 $\pm$ 0.062 χ^2 /NDF: 2017.5/39

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: -44.942+/-0.114 χ^2/NDF :9981.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -44.190+/-0.116 χ^2/NDF :9915.2/18

Left: -44.571+/-0.081 χ^2/NDF : 19918.1/39

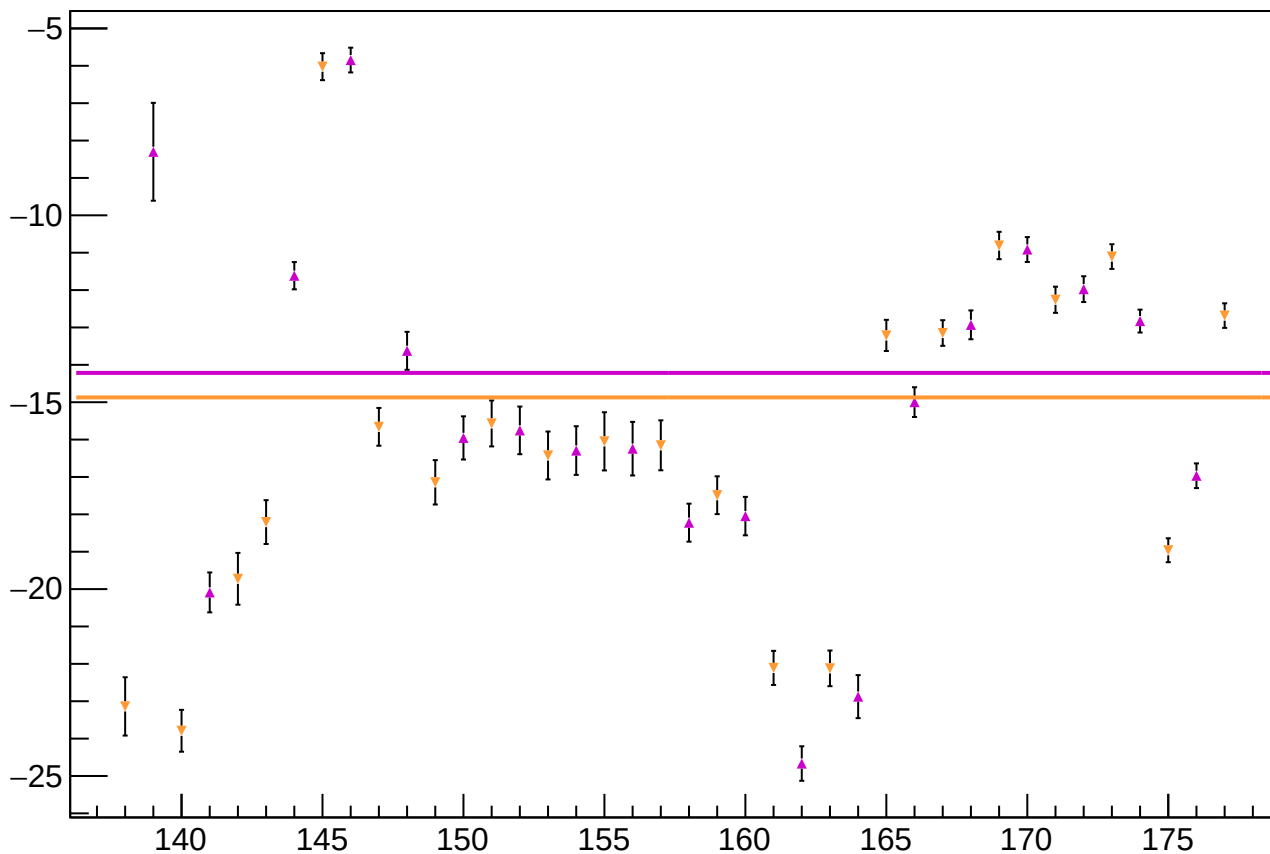
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.190+/-0.116 χ^2/NDF :9915.2/18

Out: -44.942+/-0.114 χ^2/NDF :9981.5/20

All: -44.571+/-0.081 χ^2/NDF : 19918.1/39

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -14.872 $\pm$ 0.098 χ^2 /NDF:2146.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -14.216 $\pm$ 0.100 χ^2 /NDF:1967.0/18

Left: -14.551 $\pm$ 0.070 χ^2 /NDF: 4135.4/39

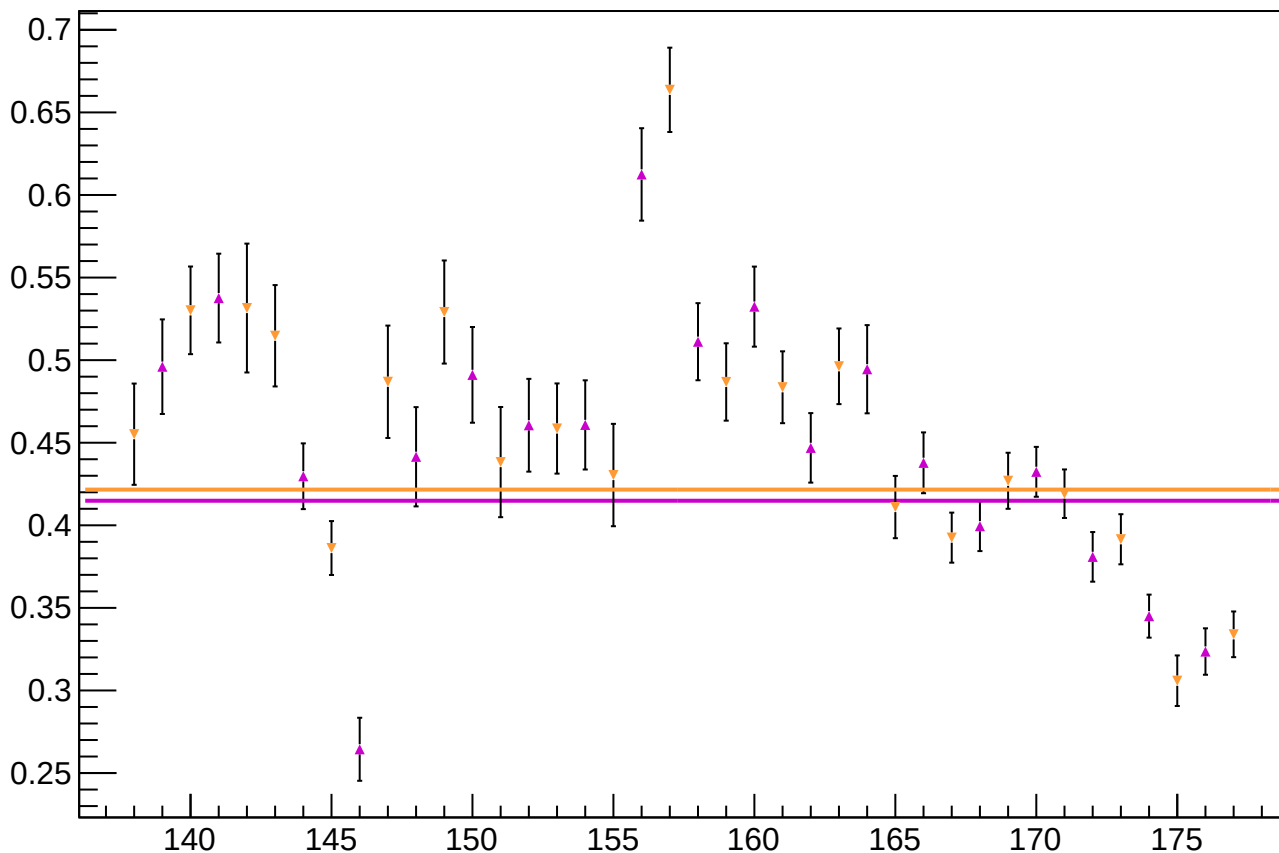
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -14.216 $\pm$ 0.100 χ^2 /NDF:1967.0/18

Out: -14.872 $\pm$ 0.098 χ^2 /NDF:2146.4/20

All: -14.551 $\pm$ 0.070 χ^2 /NDF: 4135.4/39

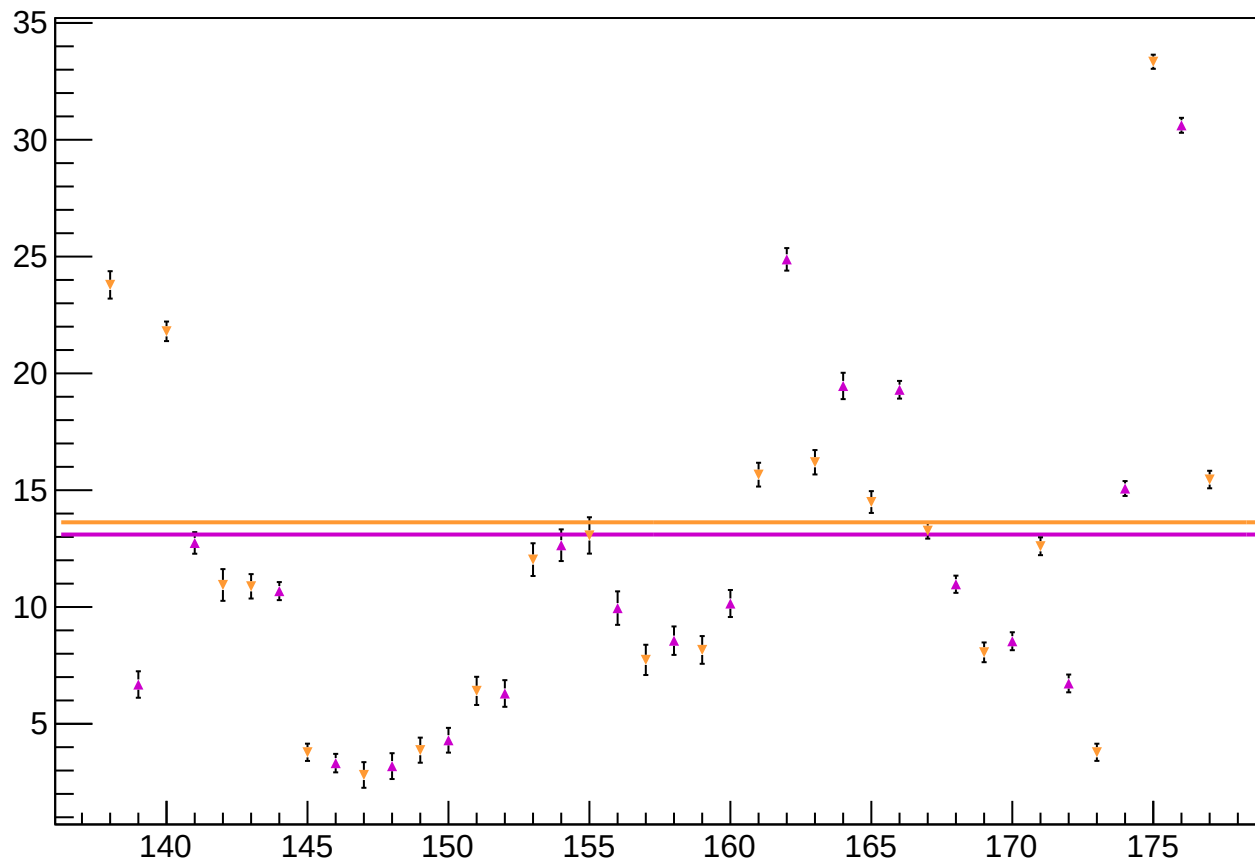
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18

Left: 0.418 $\pm$ 0.003 χ^2 /NDF: 566.7/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.415 $\pm$ 0.005 χ^2 /NDF:286.4/18
 Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 All: 0.418 $\pm$ 0.003 χ^2 /NDF: 566.7/39

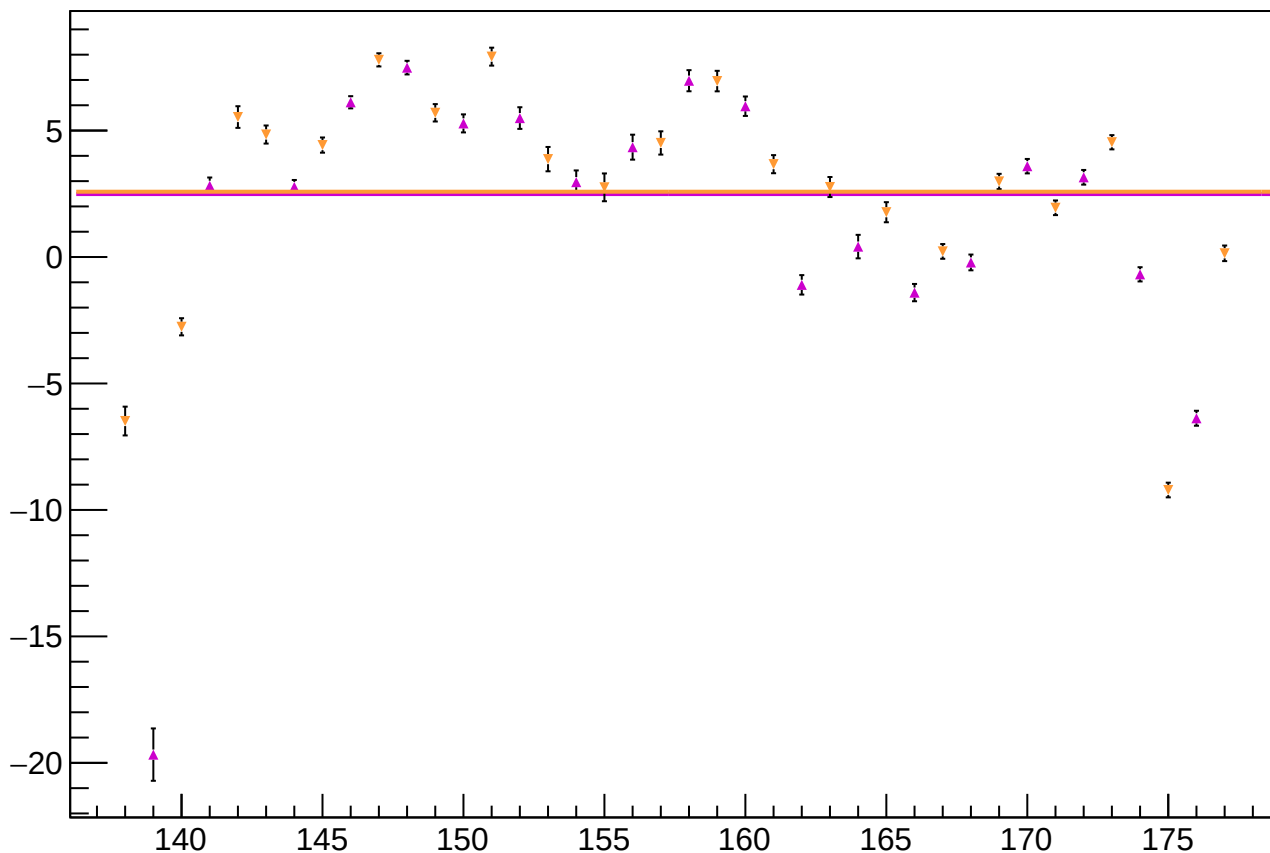
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.626+/-0.101 χ^2/NDF :7674.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.102+/-0.102 χ^2/NDF :6096.9/18

Left: 13.368+/-0.072 χ^2/NDF : 13784.2/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.102+/-0.102 χ^2/NDF :6096.9/18
 Out: 13.626+/-0.101 χ^2/NDF :7674.0/20
 All: 13.368+/-0.072 χ^2/NDF : 13784.2/39

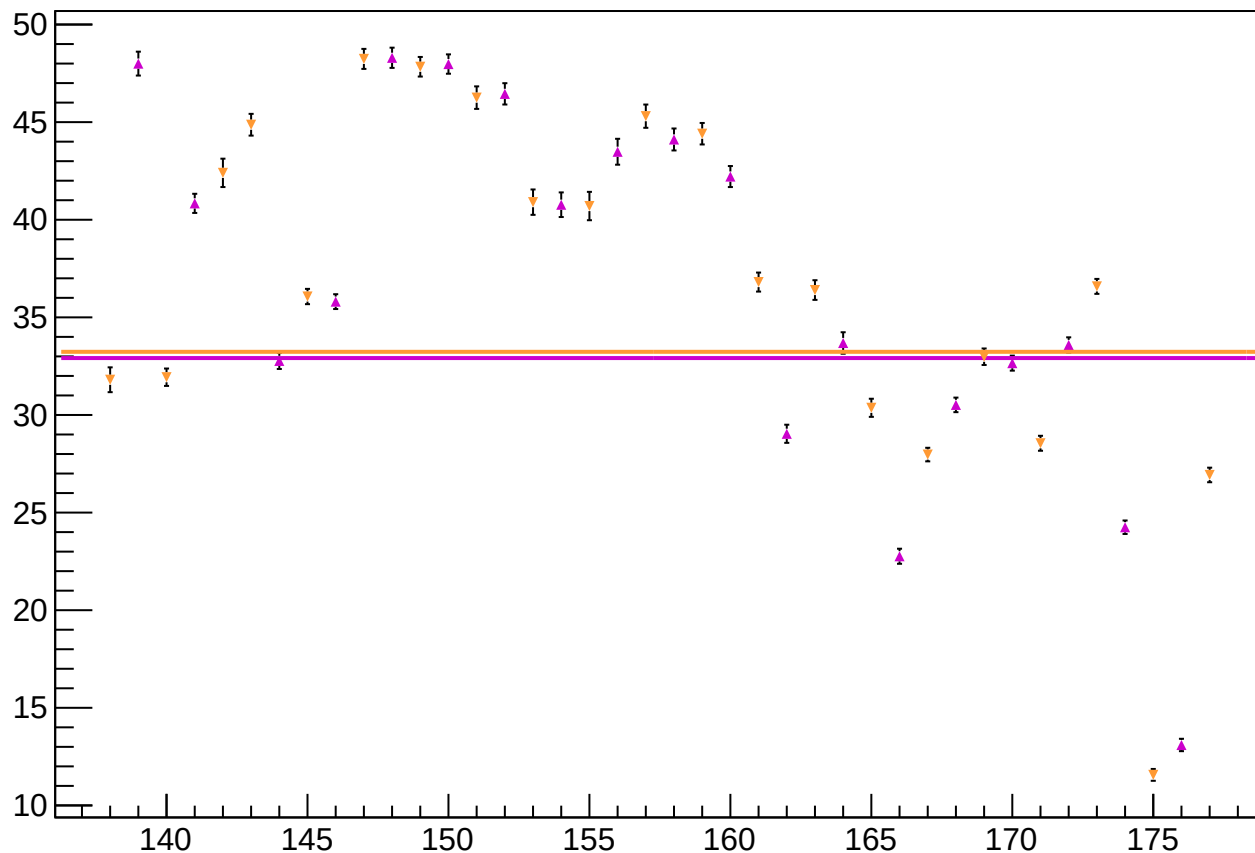
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.582+/-0.075 χ^2/NDF :3321.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.489+/-0.077 χ^2/NDF :2708.7/18

Left: 2.536+/-0.054 χ^2/NDF : 6030.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.489+/-0.077 χ^2/NDF :2708.7/18
 Out: 2.582+/-0.075 χ^2/NDF :3321.1/20
 All: 2.536+/-0.054 χ^2/NDF : 6030.5/39

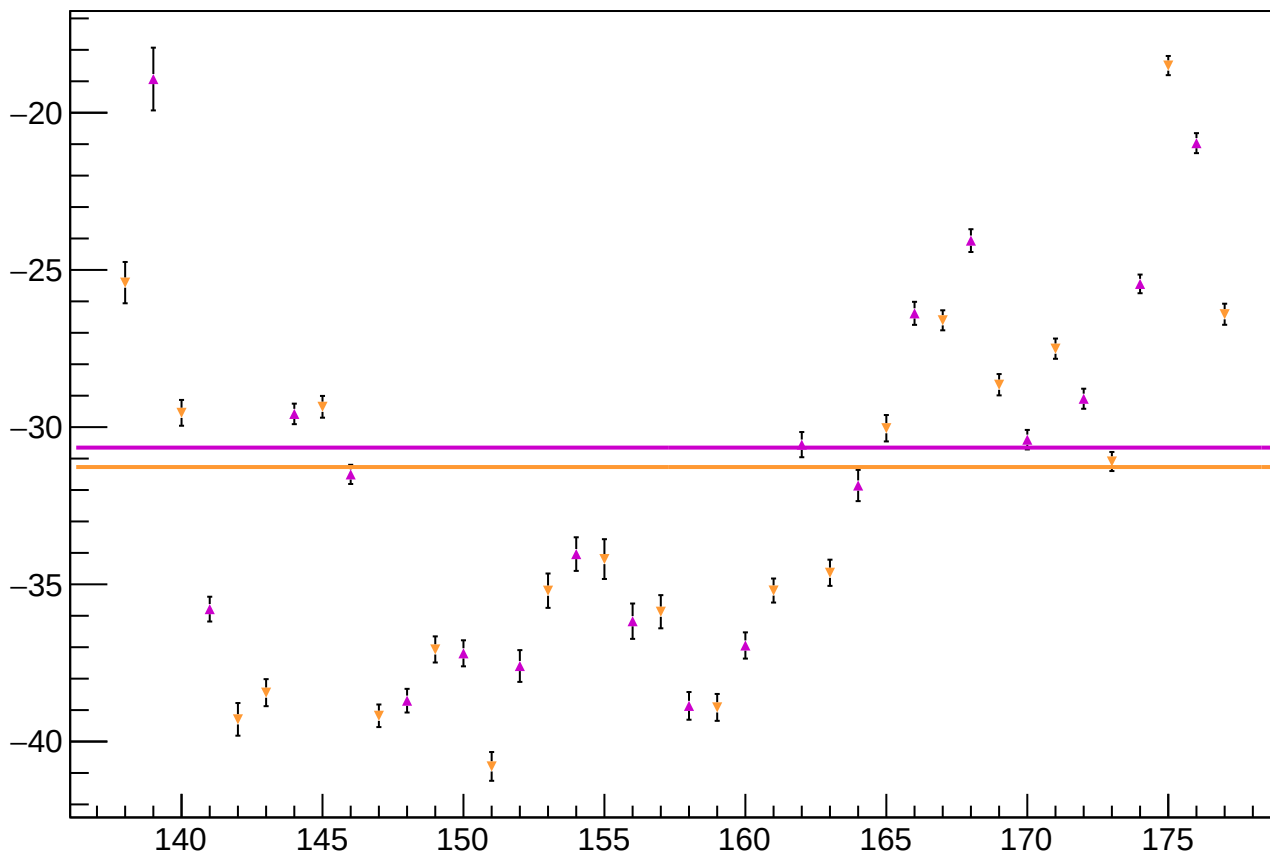
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 33.235+/-0.101 χ^2/NDF :9913.3/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 32.915+/-0.102 χ^2/NDF :9792.6/18

Left: 33.077+/-0.072 χ^2/NDF : 19710.9/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 32.915+/-0.102 χ^2/NDF :9792.6/18
 Out: 33.235+/-0.101 χ^2/NDF :9913.3/20
 All: 33.077+/-0.072 χ^2/NDF : 19710.9/39

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: -31.269 ± 0.086 χ^2/NDF : 4779.0/20

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -30.651 ± 0.088 χ^2/NDF : 3664.4/18

Left: -30.969 ± 0.061 χ^2/NDF : 8468.6/39

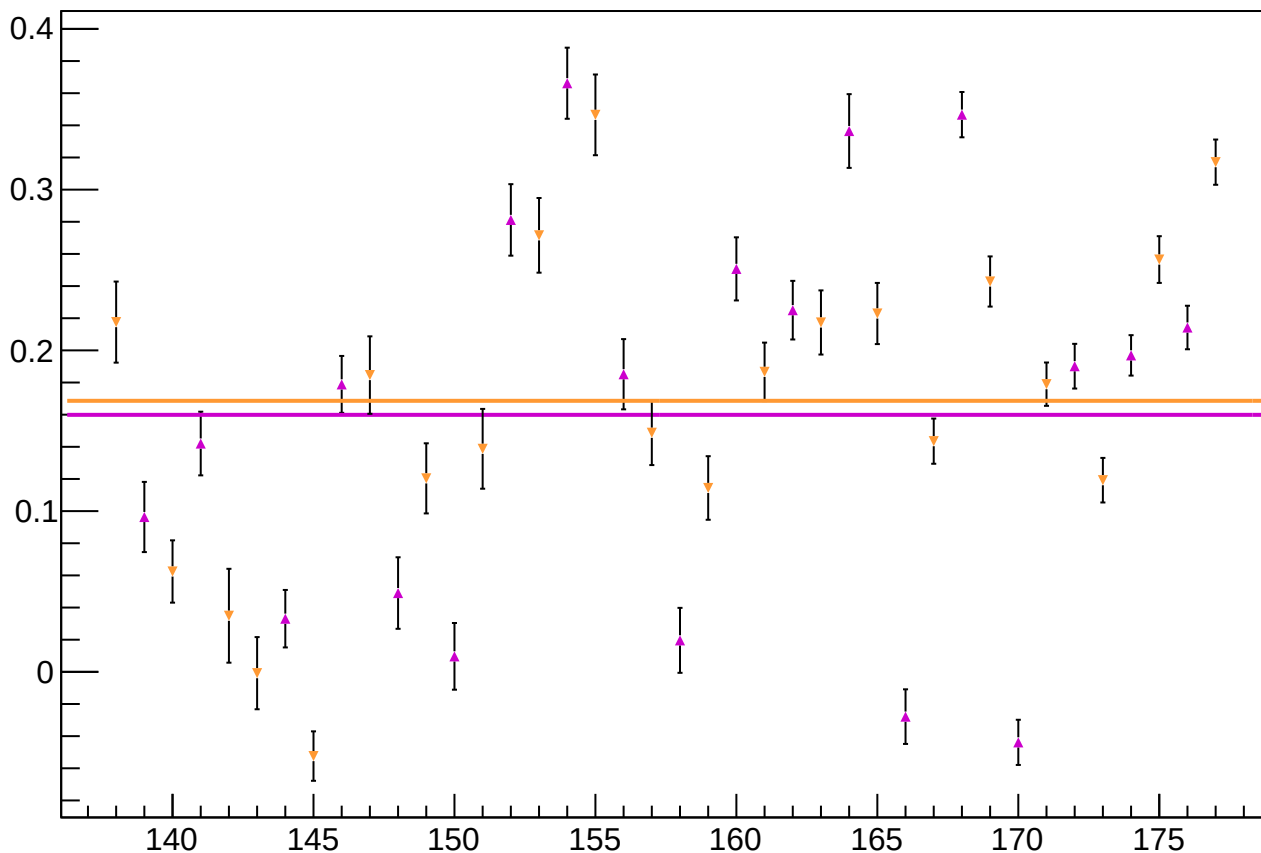
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -30.651 ± 0.088 χ^2/NDF : 3664.4/18

Out: -31.269 ± 0.086 χ^2/NDF : 4779.0/20

All: -30.969 ± 0.061 χ^2/NDF : 8468.6/39

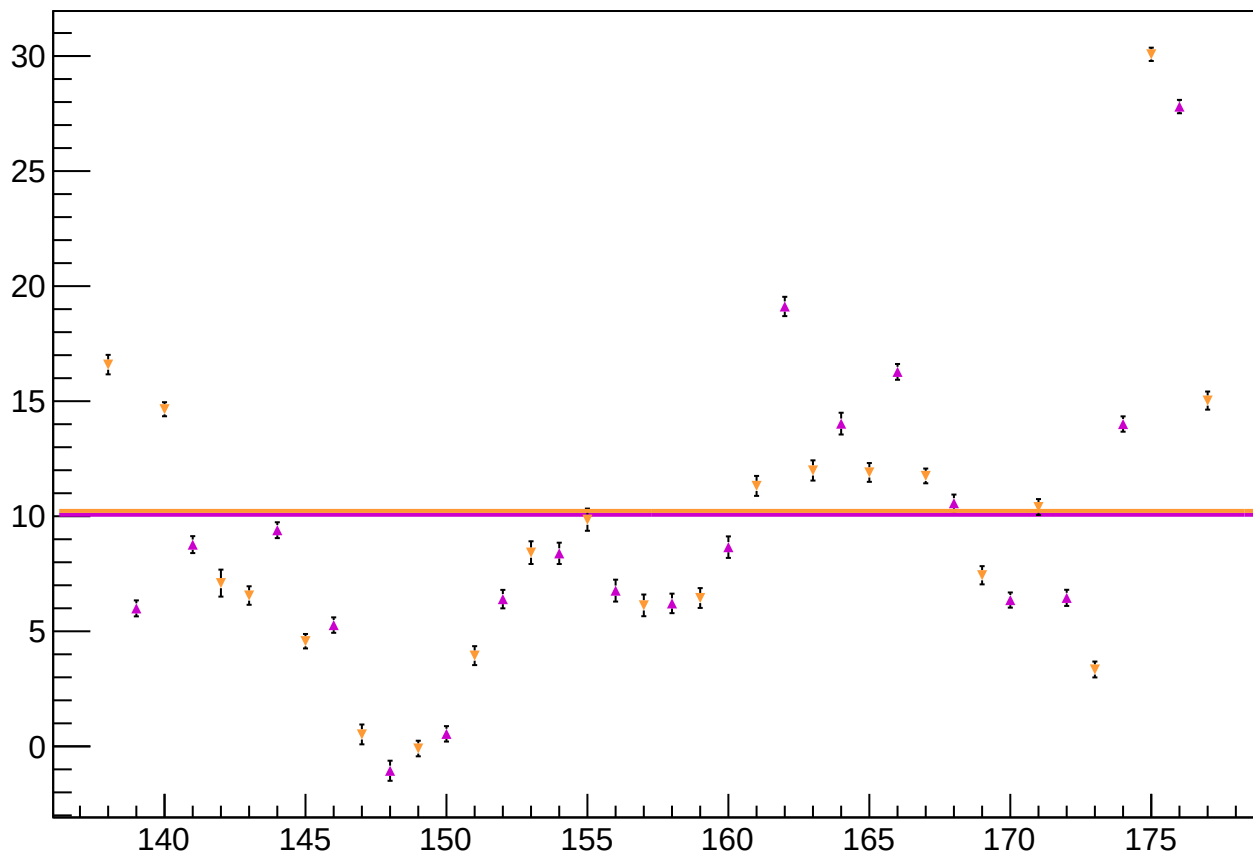
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18

Left: 0.164 $\pm$ 0.003 χ^2 /NDF: 1542.8/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:935.0/18
 Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 All: 0.164 $\pm$ 0.003 χ^2 /NDF: 1542.8/39

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: 10.232 $\pm$ 0.084 χ^2 /NDF:8081.8/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 10.064 $\pm$ 0.086 χ^2 /NDF:7019.2/18

Left: 10.150 $\pm$ 0.060 χ^2 /NDF: 15103.0/39

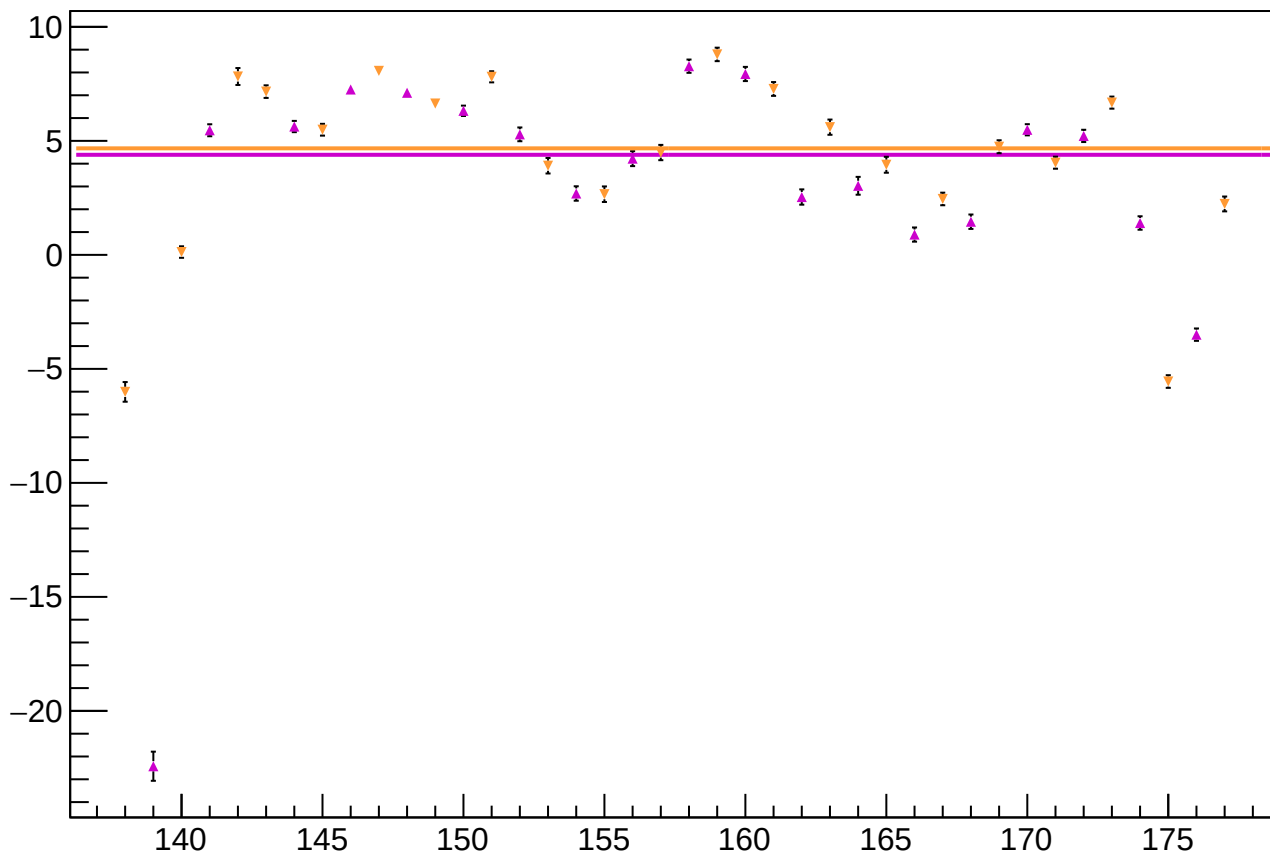
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.064 $\pm$ 0.086 χ^2 /NDF:7019.2/18

Out: 10.232 $\pm$ 0.084 χ^2 /NDF:8081.8/20

All: 10.150 $\pm$ 0.060 χ^2 /NDF: 15103.0/39

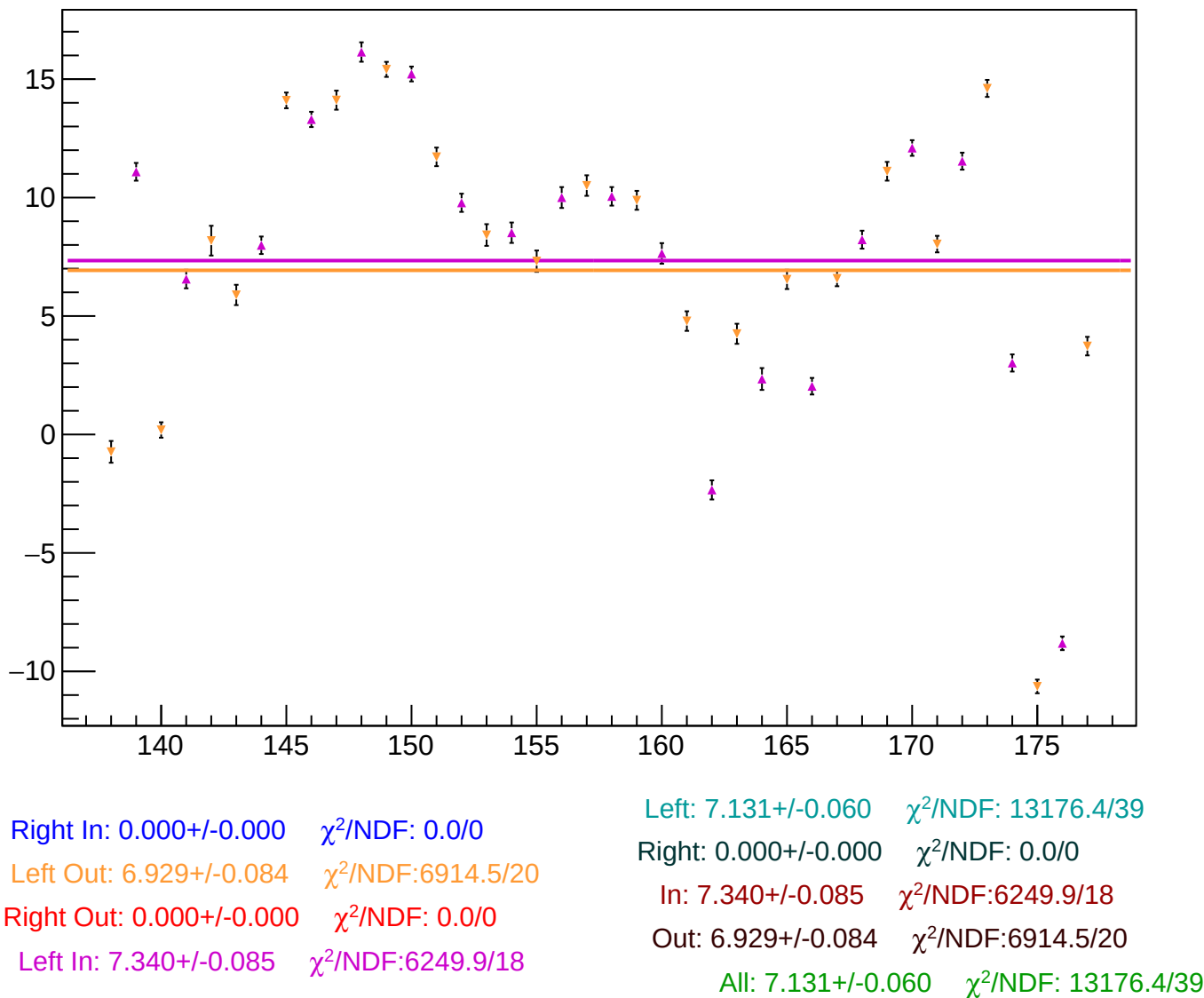
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



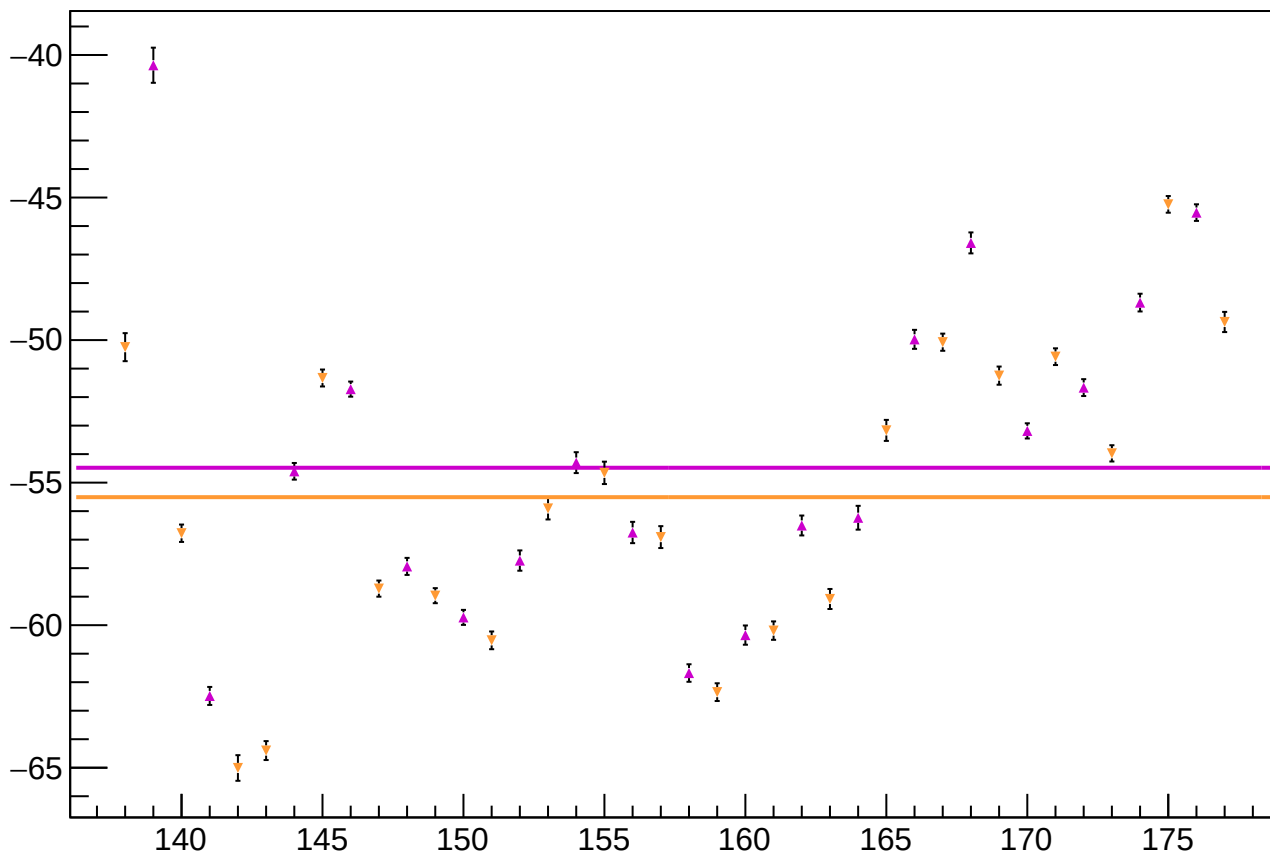
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.672 $\pm$ 0.062 χ^2 /NDF:3472.8/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18

Left: 4.536 $\pm$ 0.045 χ^2 /NDF: 7275.3/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.389 $\pm$ 0.065 χ^2 /NDF:3792.6/18
 Out: 4.672 $\pm$ 0.062 χ^2 /NDF:3472.8/20
 All: 4.536 $\pm$ 0.045 χ^2 /NDF: 7275.3/39

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: -55.510+/-0.071 χ^2 /NDF:5261.3/20

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -54.478+/-0.074 χ^2 /NDF:4878.9/18

Left: -55.012+/-0.051 χ^2 /NDF: 10241.5/39

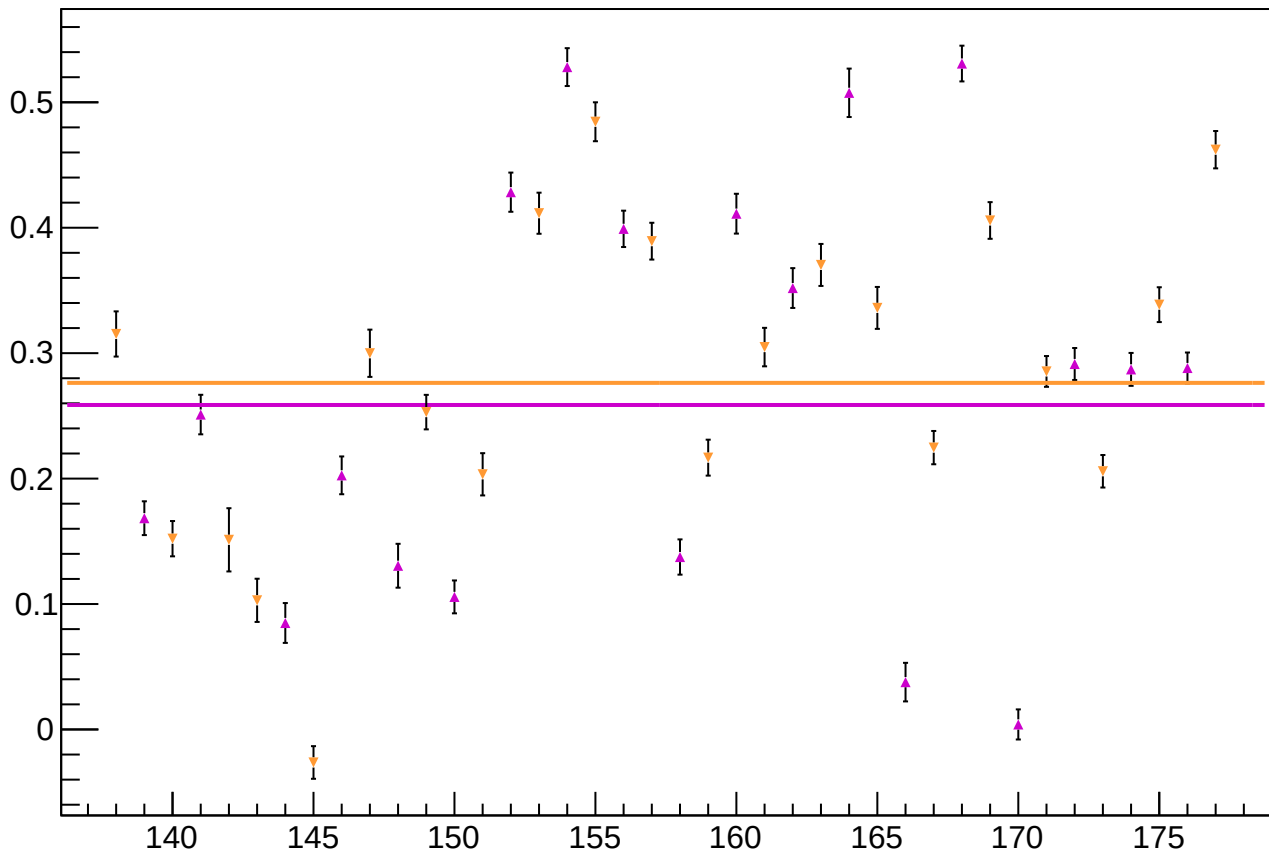
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -54.478+/-0.074 χ^2 /NDF:4878.9/18

Out: -55.510+/-0.071 χ^2 /NDF:5261.3/20

All: -55.012+/-0.051 χ^2 /NDF: 10241.5/39

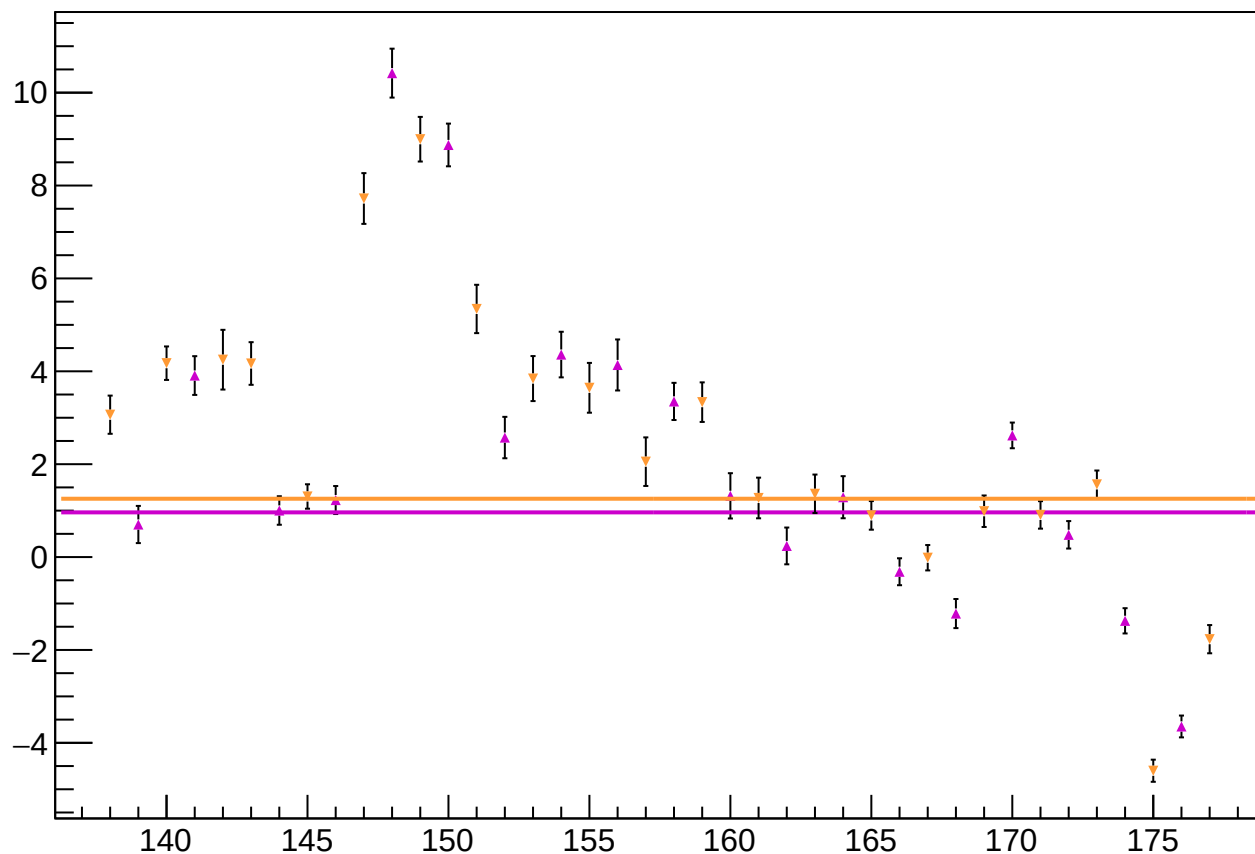
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.276+/-0.003 χ^2/NDF :1445.1/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.259+/-0.003 χ^2/NDF :2305.4/18

Left: 0.268+/-0.002 χ^2/NDF : 3764.7/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.259+/-0.003 χ^2/NDF :2305.4/18
 Out: 0.276+/-0.003 χ^2/NDF :1445.1/20
 All: 0.268+/-0.002 χ^2/NDF : 3764.7/39

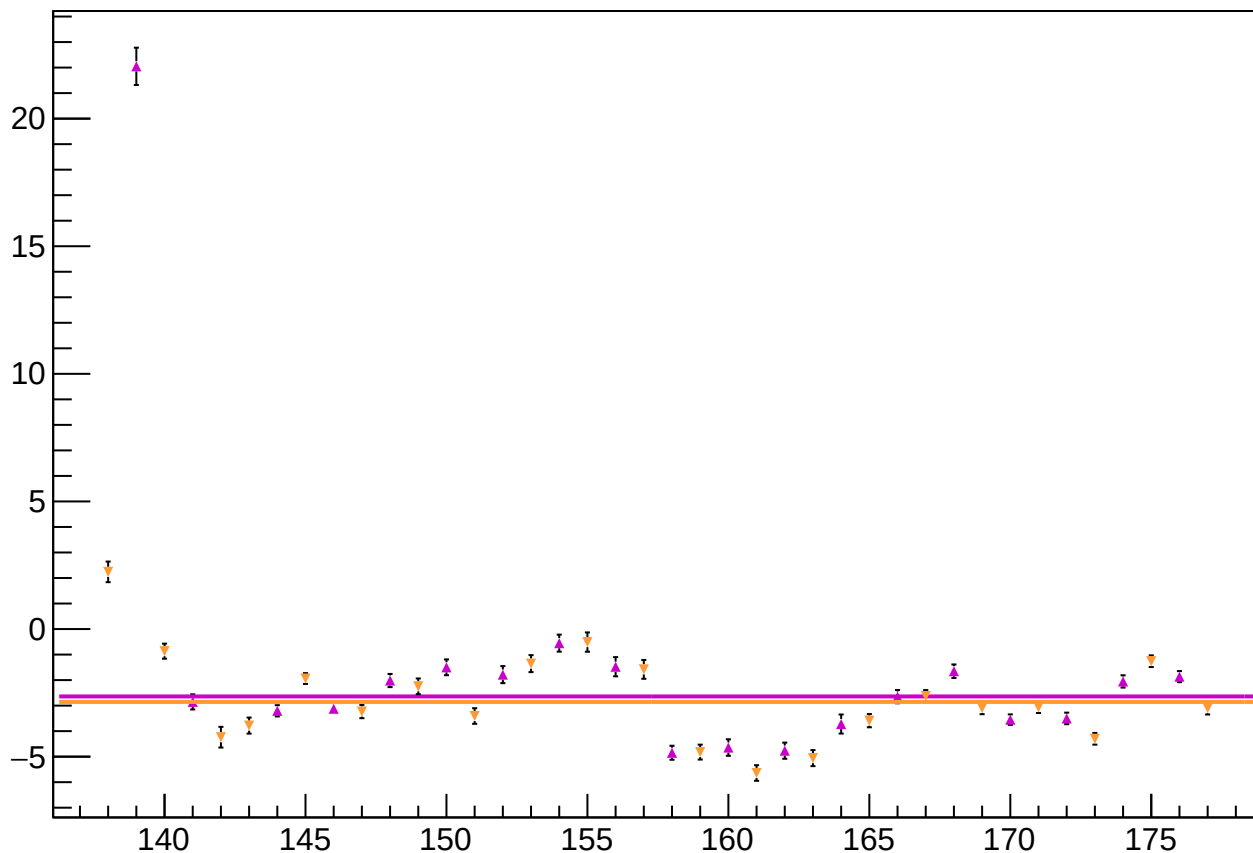
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.962+/-0.080 χ^2/NDF :1368.8/18

Left: 1.111+/-0.057 χ^2/NDF : 2787.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.962+/-0.080 χ^2/NDF :1368.8/18
 Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 All: 1.111+/-0.057 χ^2/NDF : 2787.4/39

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



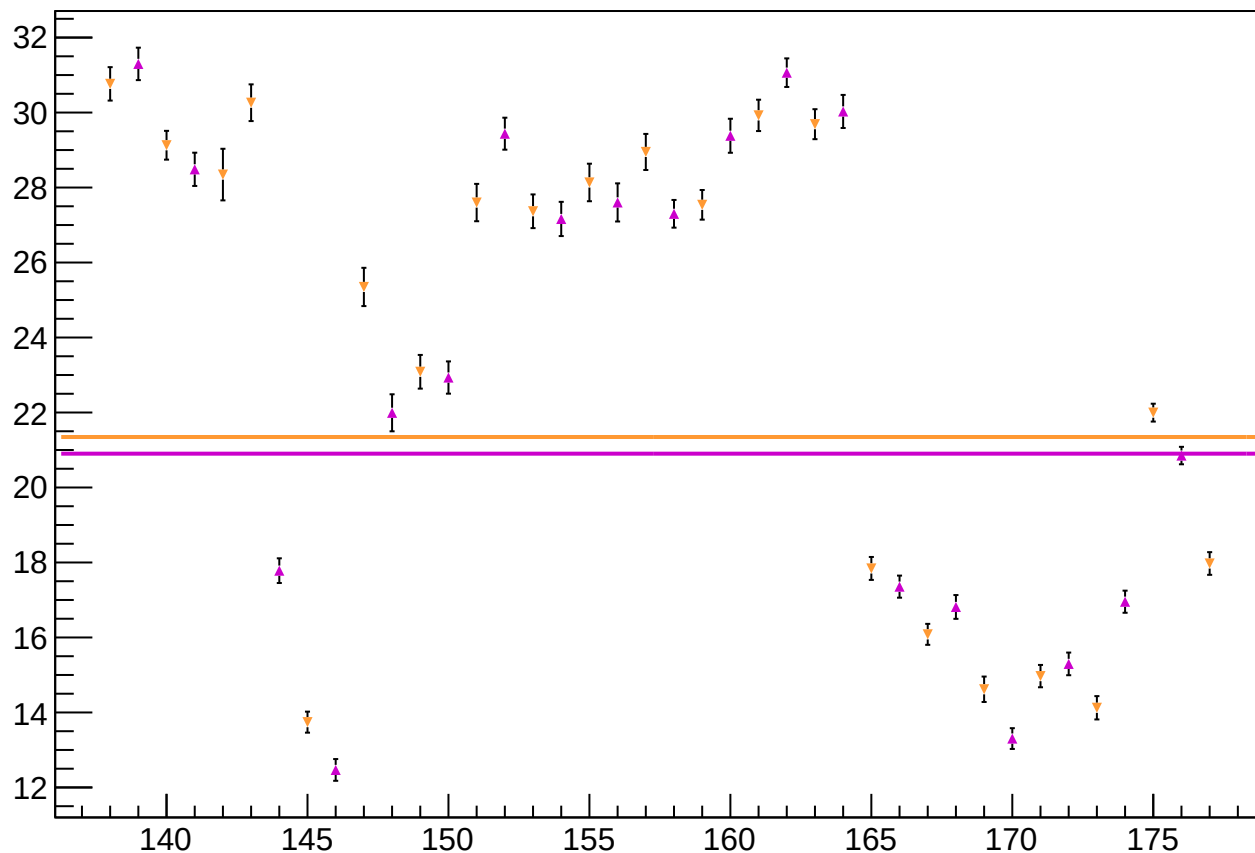
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.855+/-0.061 χ^2/NDF :601.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.640+/-0.062 χ^2/NDF :1451.8/18

Left: -2.750+/-0.043 χ^2/NDF : 2059.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.640+/-0.062 χ^2/NDF :1451.8/18
 Out: -2.855+/-0.061 χ^2/NDF :601.4/20

All: -2.750+/-0.043 χ^2/NDF : 2059.4/39

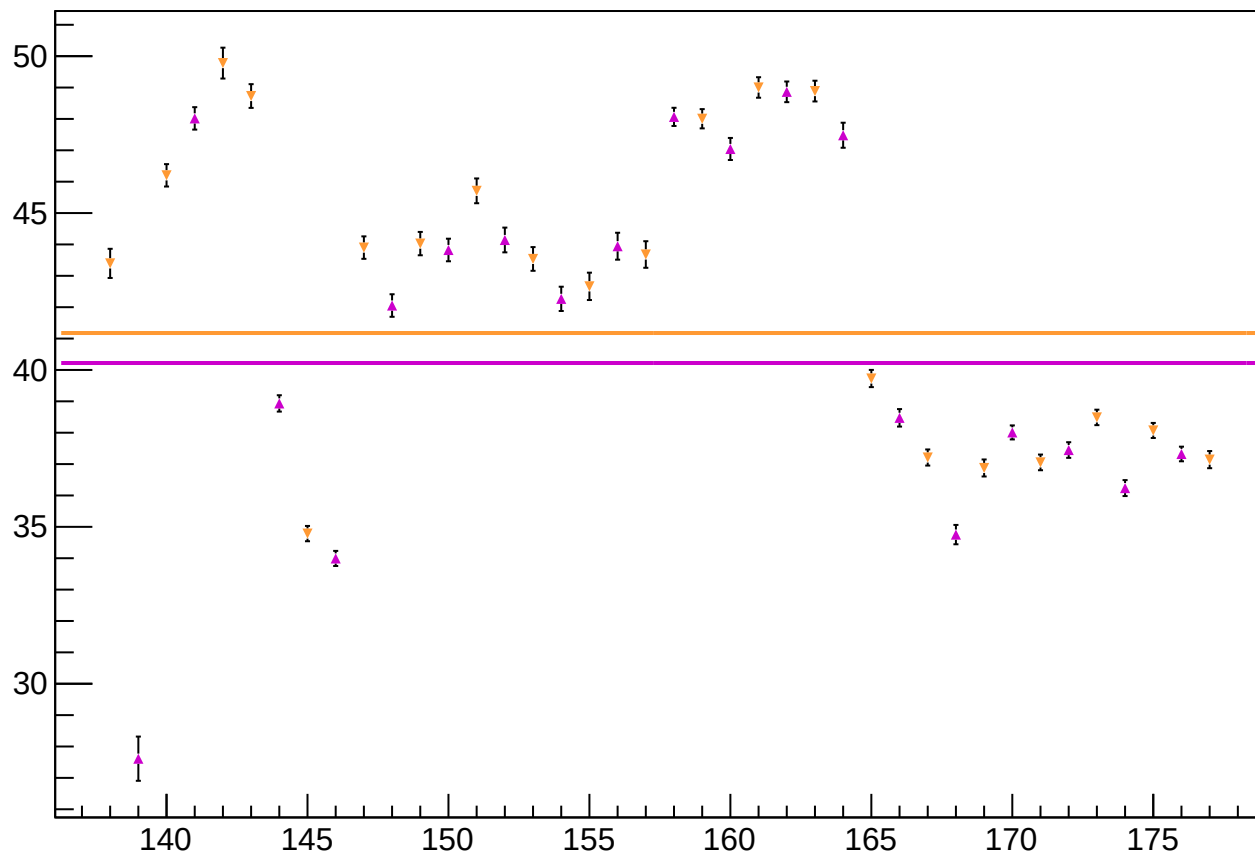
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.347 $\pm$ 0.080 χ^2 /NDF:5985.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.902 $\pm$ 0.080 χ^2 /NDF:5969.5/18

Left: 21.126 $\pm$ 0.057 χ^2 /NDF: 11970.6/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.902 $\pm$ 0.080 χ^2 /NDF:5969.5/18
 Out: 21.347 $\pm$ 0.080 χ^2 /NDF:5985.7/20
 All: 21.126 $\pm$ 0.057 χ^2 /NDF: 11970.6/39

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: 41.177+/-0.068 χ^2/NDF : 4853.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.222+/-0.070 χ^2/NDF : 4925.8/18

Left: 40.710+/-0.049 χ^2/NDF : 9875.3/39

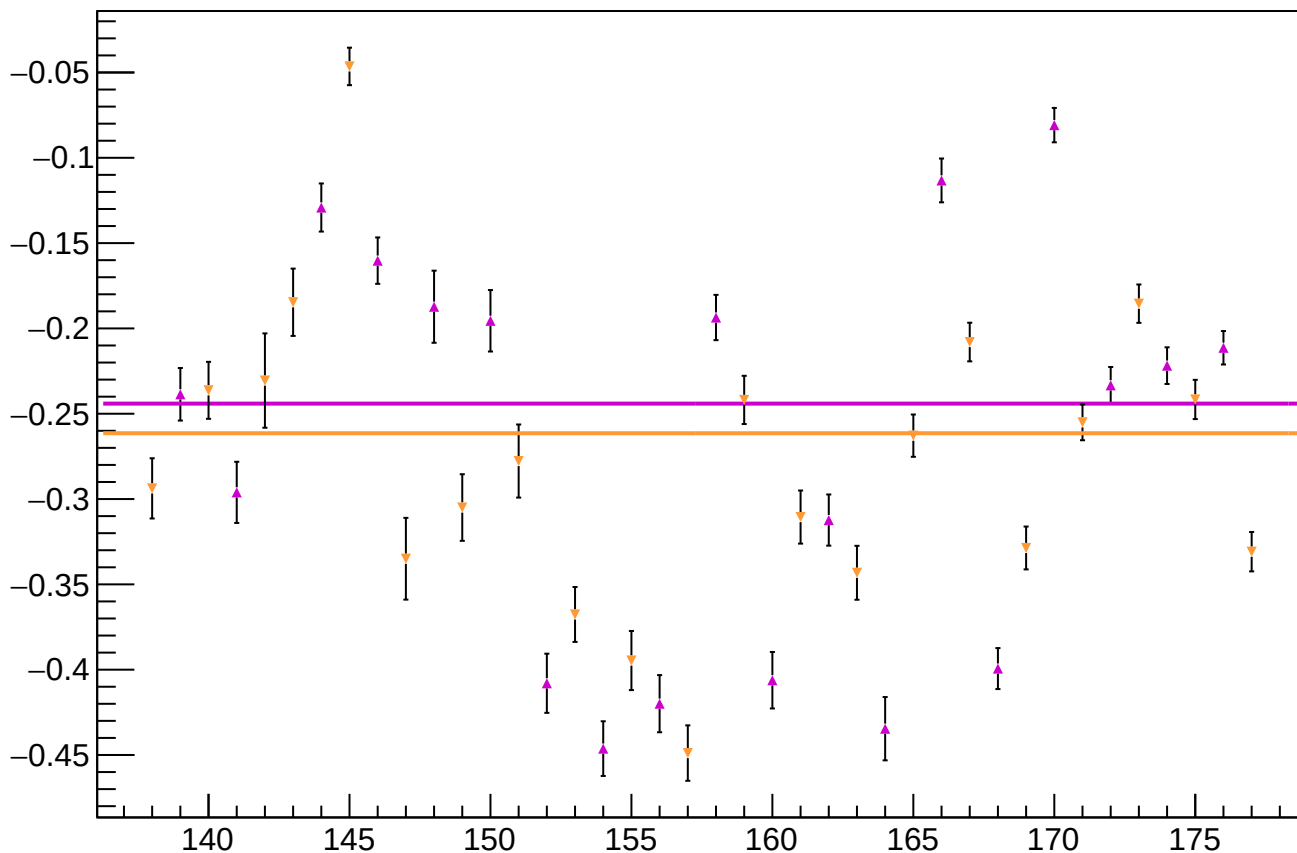
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.222+/-0.070 χ^2/NDF : 4925.8/18

Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20

All: 40.710+/-0.049 χ^2/NDF : 9875.3/39

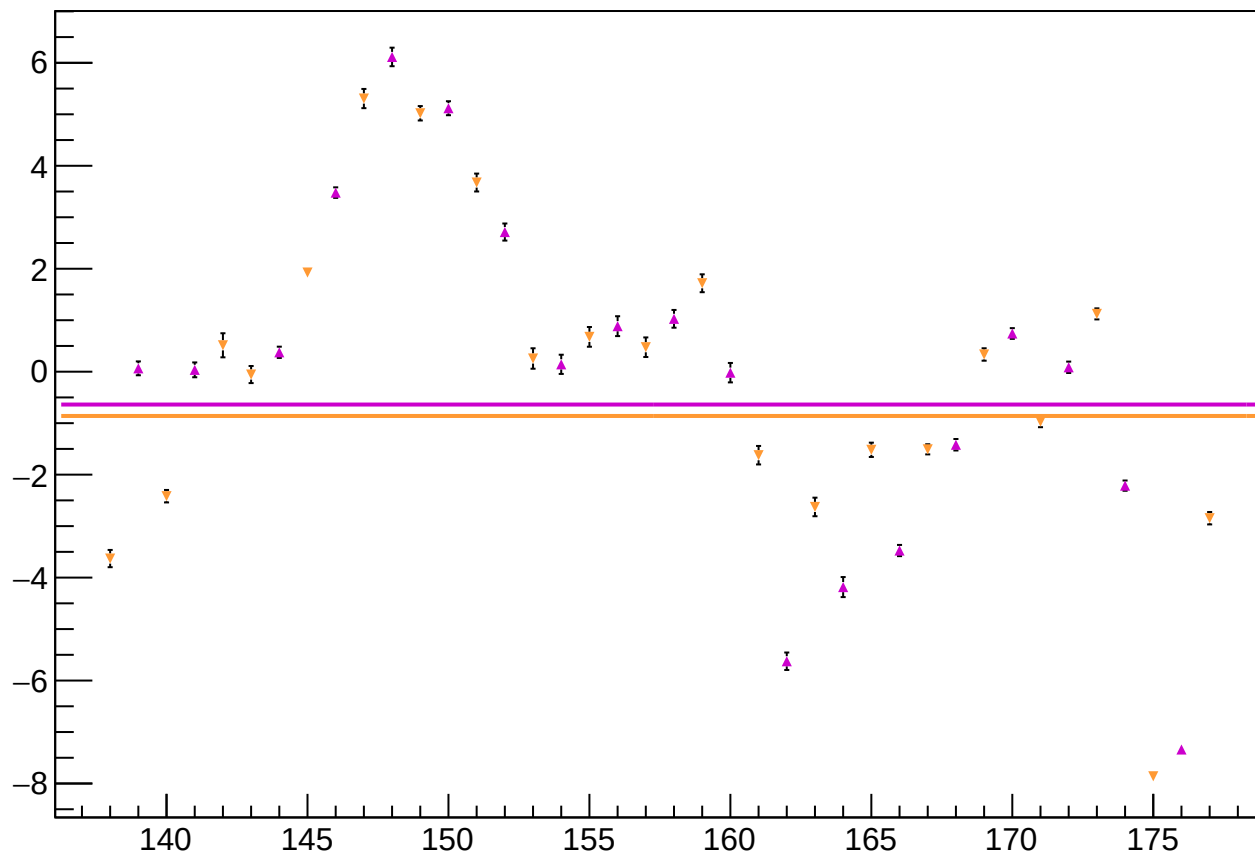
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18

Left: -0.253 $\pm$ 0.002 χ^2 /NDF: 2118.6/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.244 $\pm$ 0.003 χ^2 /NDF:1272.6/18
 Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20
 All: -0.253 $\pm$ 0.002 χ^2 /NDF: 2118.6/39

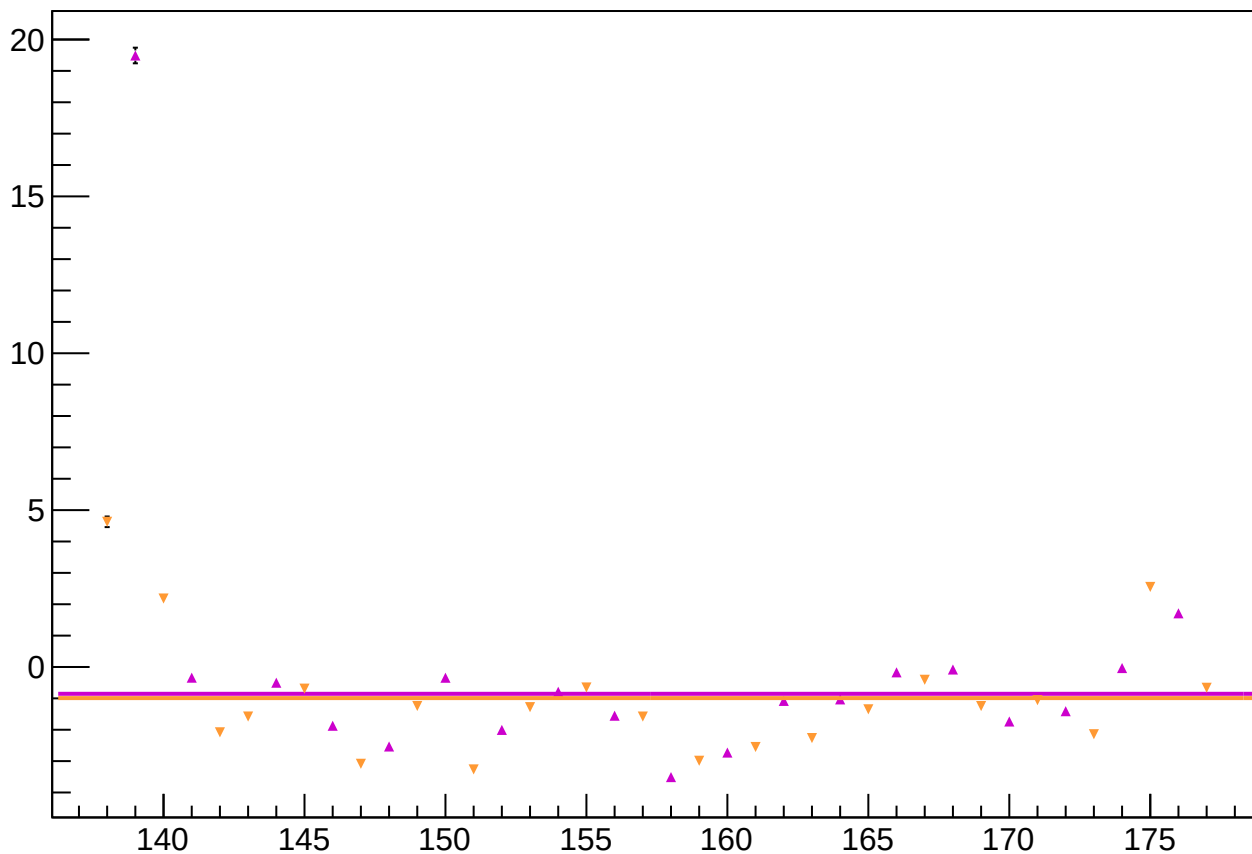
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.860 $\pm$ 0.029 χ^2 /NDF:12564.0/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.638 $\pm$ 0.030 χ^2 /NDF:13217.4/18

Left: -0.750 $\pm$ 0.021 χ^2 /NDF: 25809.7/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.638 $\pm$ 0.030 χ^2 /NDF:13217.4/18
 Out: -0.860 $\pm$ 0.029 χ^2 /NDF:12564.0/20
 All: -0.750 $\pm$ 0.021 χ^2 /NDF: 25809.7/39

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



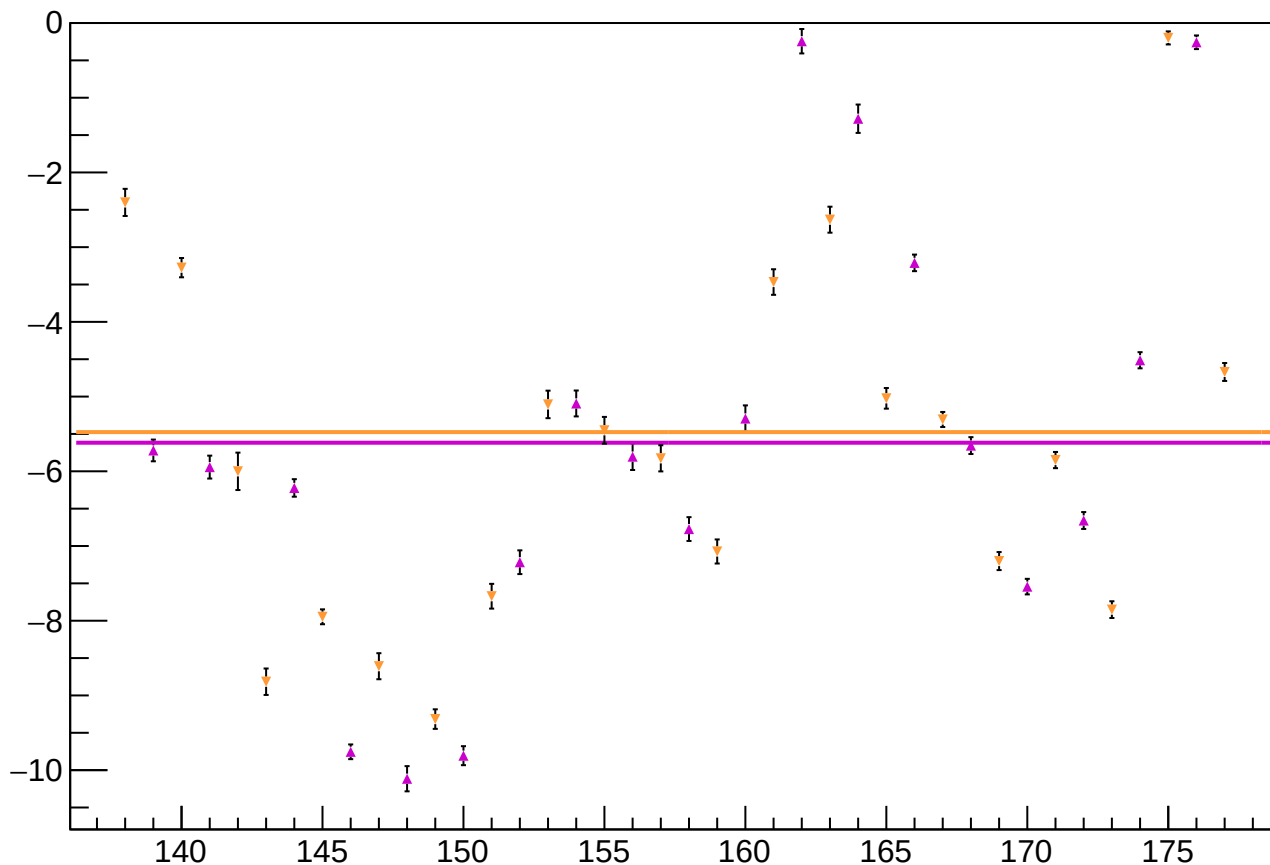
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.854+/-0.023 χ^2/NDF : 9435.2/18

Left: -0.924+/-0.016 χ^2/NDF : 15302.0/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.854+/-0.023 χ^2/NDF : 9435.2/18
 Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20

All: -0.924+/-0.016 χ^2/NDF : 15302.0/39

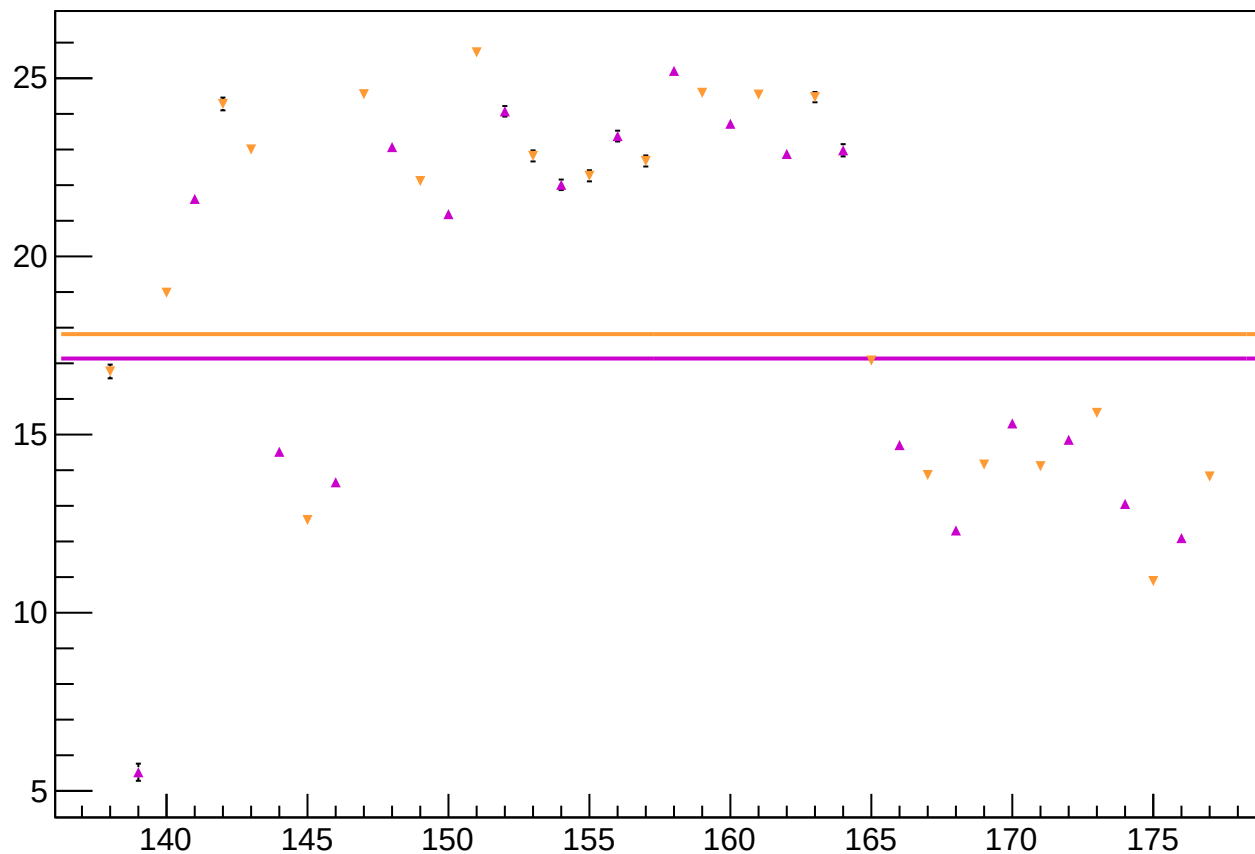
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.475 $\pm$ 0.029 χ^2 /NDF:7784.2/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18

Left: -5.546 $\pm$ 0.021 χ^2 /NDF: 17611.2/39
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.617 $\pm$ 0.030 χ^2 /NDF:9815.5/18
 Out: -5.475 $\pm$ 0.029 χ^2 /NDF:7784.2/20
 All: -5.546 $\pm$ 0.021 χ^2 /NDF: 17611.2/39

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: 17.819+/-0.025 χ^2/NDF :38017.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.134+/-0.026 χ^2/NDF :32722.2/18

Left: 17.483+/-0.018 χ^2/NDF : 71097.3/39

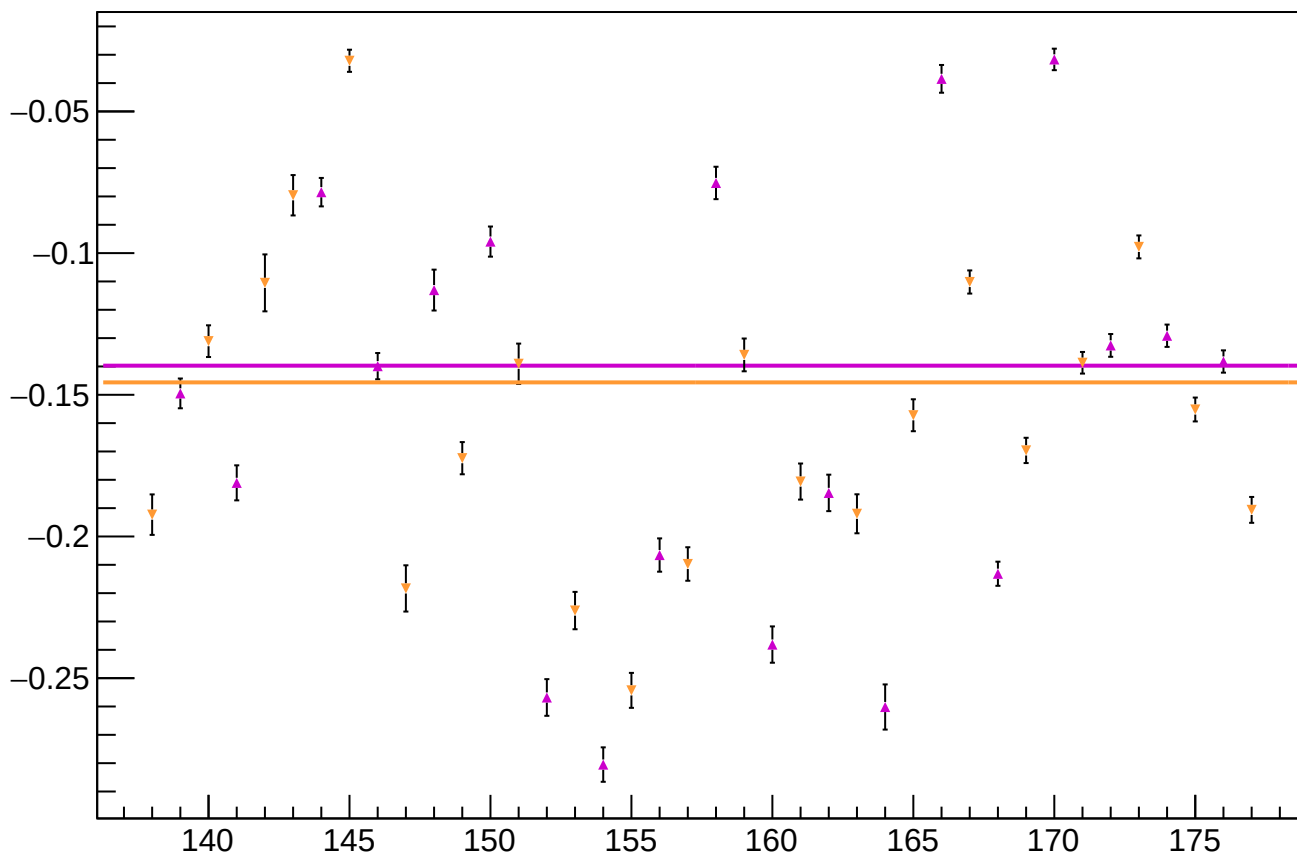
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.134+/-0.026 χ^2/NDF :32722.2/18

Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

All: 17.483+/-0.018 χ^2/NDF : 71097.3/39

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 : 2102.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.140+/-0.001 χ^2/NDF : 3457.2/18

Left: -0.143+/-0.001 χ^2/NDF : 5572.7/39

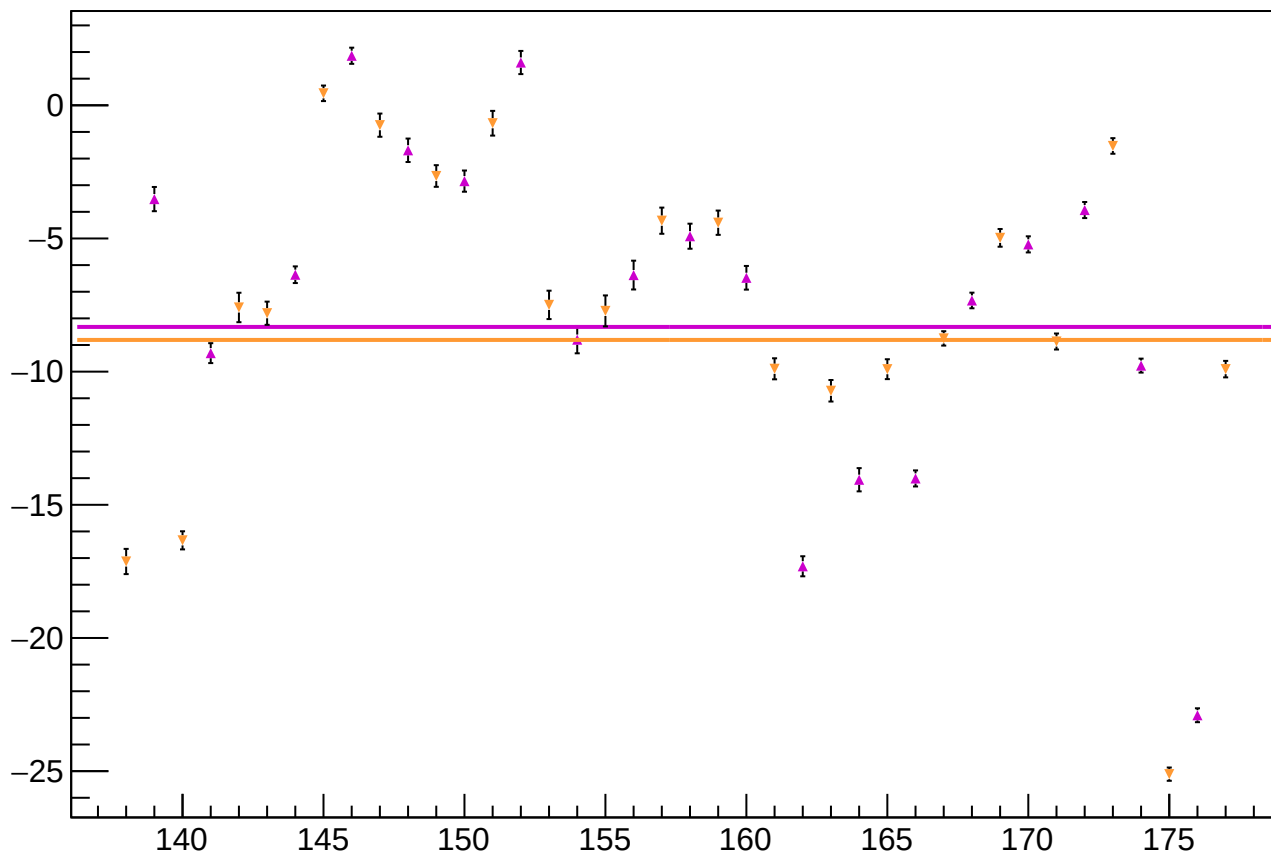
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.140+/-0.001 χ^2/NDF : 3457.2/18

Out: -0.146+/-0.001 χ^2/NDF : 2102.6/20

All: -0.143+/-0.001 χ^2/NDF : 5572.7/39

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



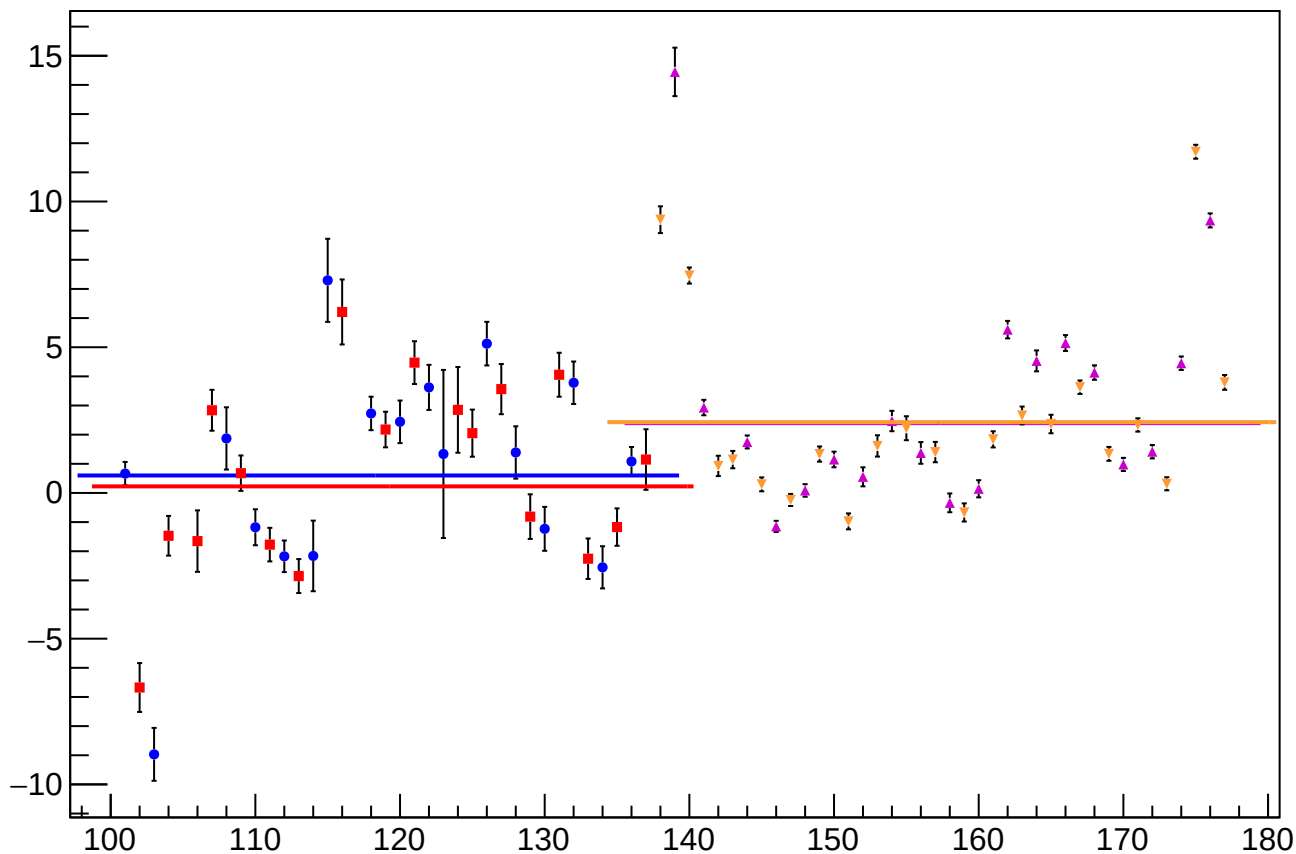
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.810+/-0.080 χ^2/NDF : 7959.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.321+/-0.081 χ^2/NDF : 6879.5/18

Left: -8.568+/-0.057 χ^2/NDF : 14857.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.321+/-0.081 χ^2/NDF : 6879.5/18
 Out: -8.810+/-0.080 χ^2/NDF : 7959.5/20

All: -8.568+/-0.057 χ^2/NDF : 14857.5/39

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 2.429 $\pm$ 0.060 χ^2 /NDF:2803.7/20

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 2.396 $\pm$ 0.061 χ^2 /NDF:2140.1/18

Left: 2.413 $\pm$ 0.043 χ^2 /NDF: 4944.0/39

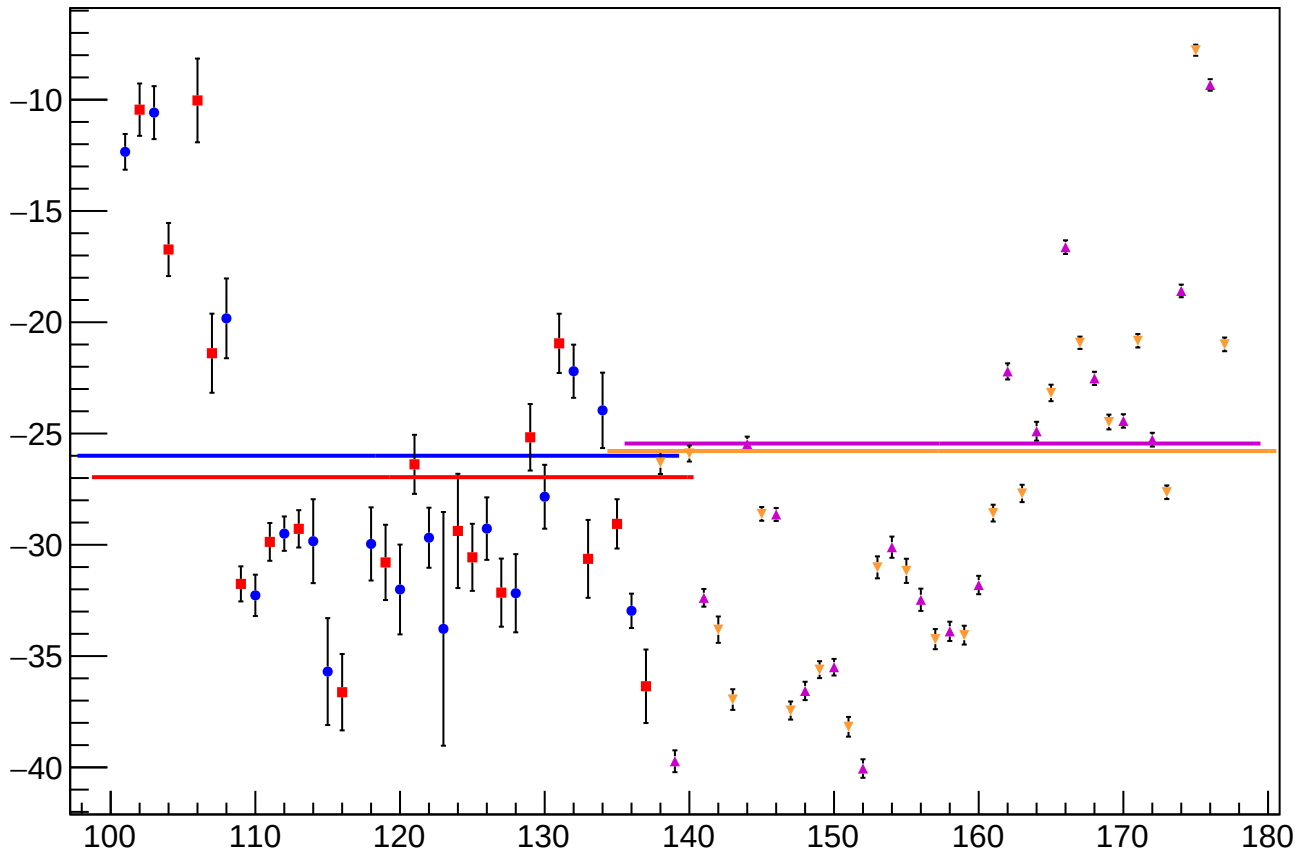
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 2.188 $\pm$ 0.058 χ^2 /NDF:2531.7/35

Out: 2.198 $\pm$ 0.057 χ^2 /NDF:3219.2/38

All: 2.193 $\pm$ 0.040 χ^2 /NDF: 5750.9/74

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: -25.784 ± 0.080 χ^2/NDF : 10261.9/20

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -25.449 ± 0.081 χ^2/NDF : 10340.5/18

Left: -25.618 ± 0.057 χ^2/NDF : 20611.1/39

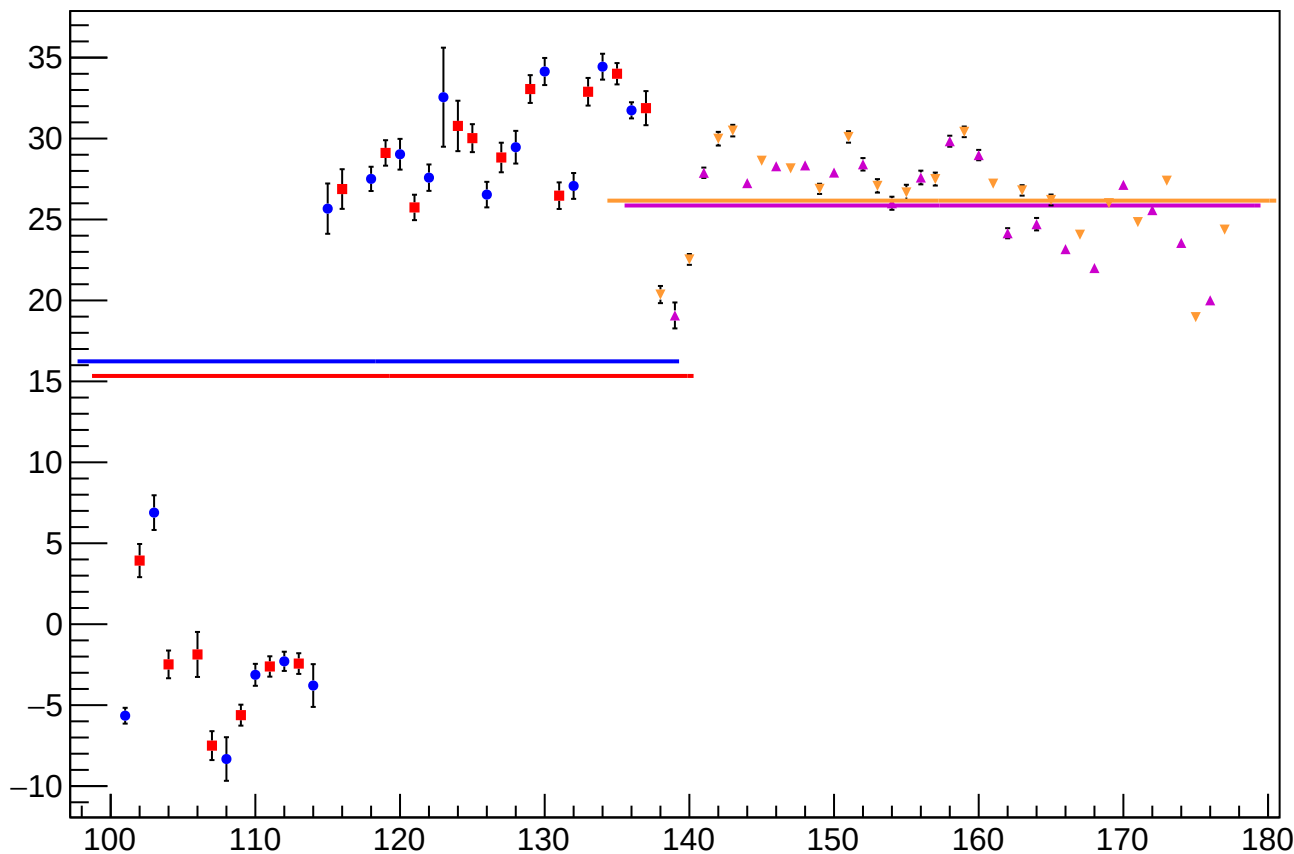
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -25.486 ± 0.078 χ^2/NDF : 11036.2/35

Out: -25.863 ± 0.077 χ^2/NDF : 10811.8/38

All: -25.677 ± 0.055 χ^2/NDF : 21859.8/74

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: 26.165 $\pm$ 0.068 χ^2 /NDF:1910.3/20

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.864 $\pm$ 0.070 χ^2 /NDF:1575.7/18

Left: 26.018 $\pm$ 0.049 χ^2 /NDF: 3495.5/39

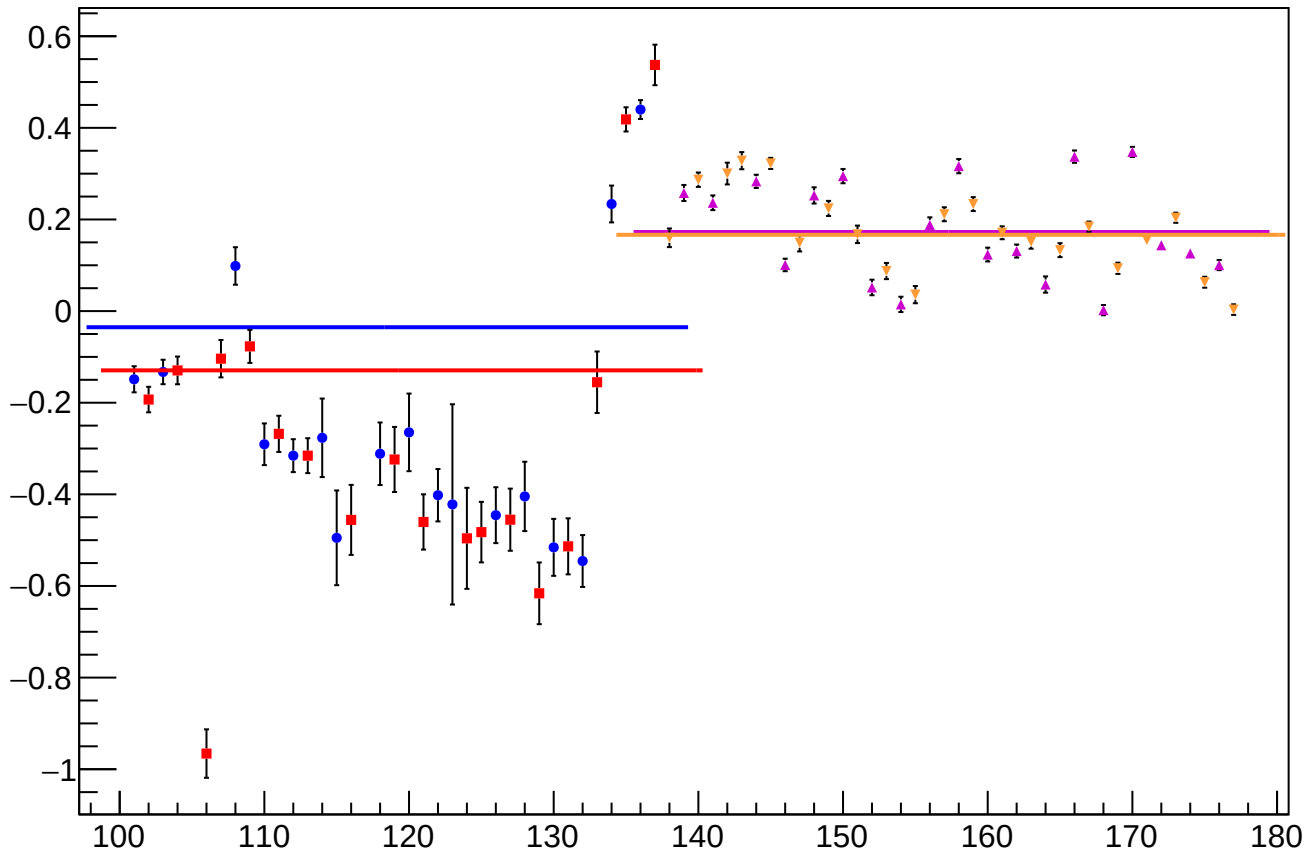
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.737 $\pm$ 0.065 χ^2 /NDF:11389.7/35

Out: 25.014 $\pm$ 0.064 χ^2 /NDF:11866.7/38

All: 24.878 $\pm$ 0.046 χ^2 /NDF: 23265.5/74

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: 0.166 ± 0.003 χ^2/NDF : 768.3/20

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.173 ± 0.003 χ^2/NDF : 1193.4/18

Left: 0.170 ± 0.002 χ^2/NDF : 1963.6/39

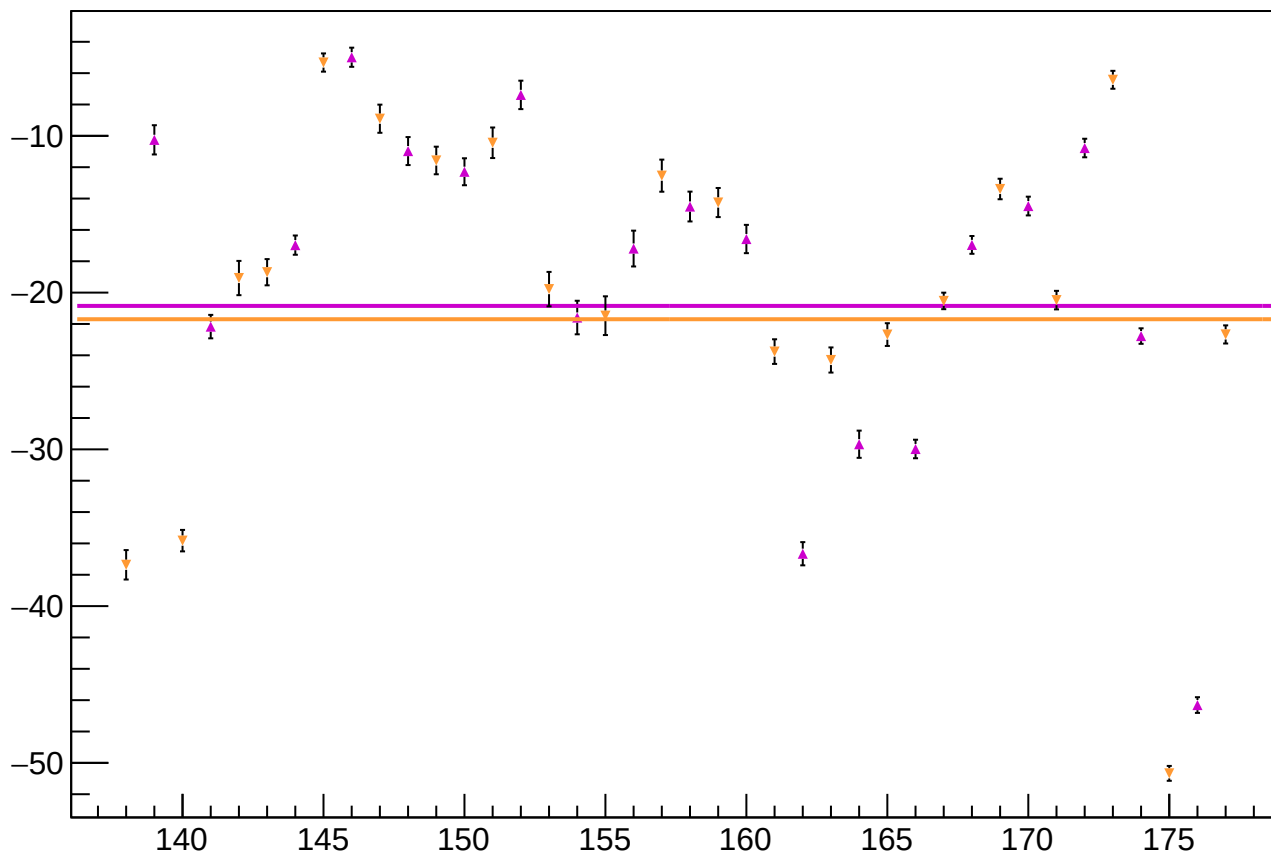
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.155 ± 0.003 χ^2/NDF : 2577.5/35

Out: 0.142 ± 0.003 χ^2/NDF : 2673.0/38

All: 0.148 ± 0.002 χ^2/NDF : 5259.7/74

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.848+/-0.160 χ^2/NDF : 5213.8/18

Left: -21.280+/-0.113 χ^2/NDF : 11993.7/39

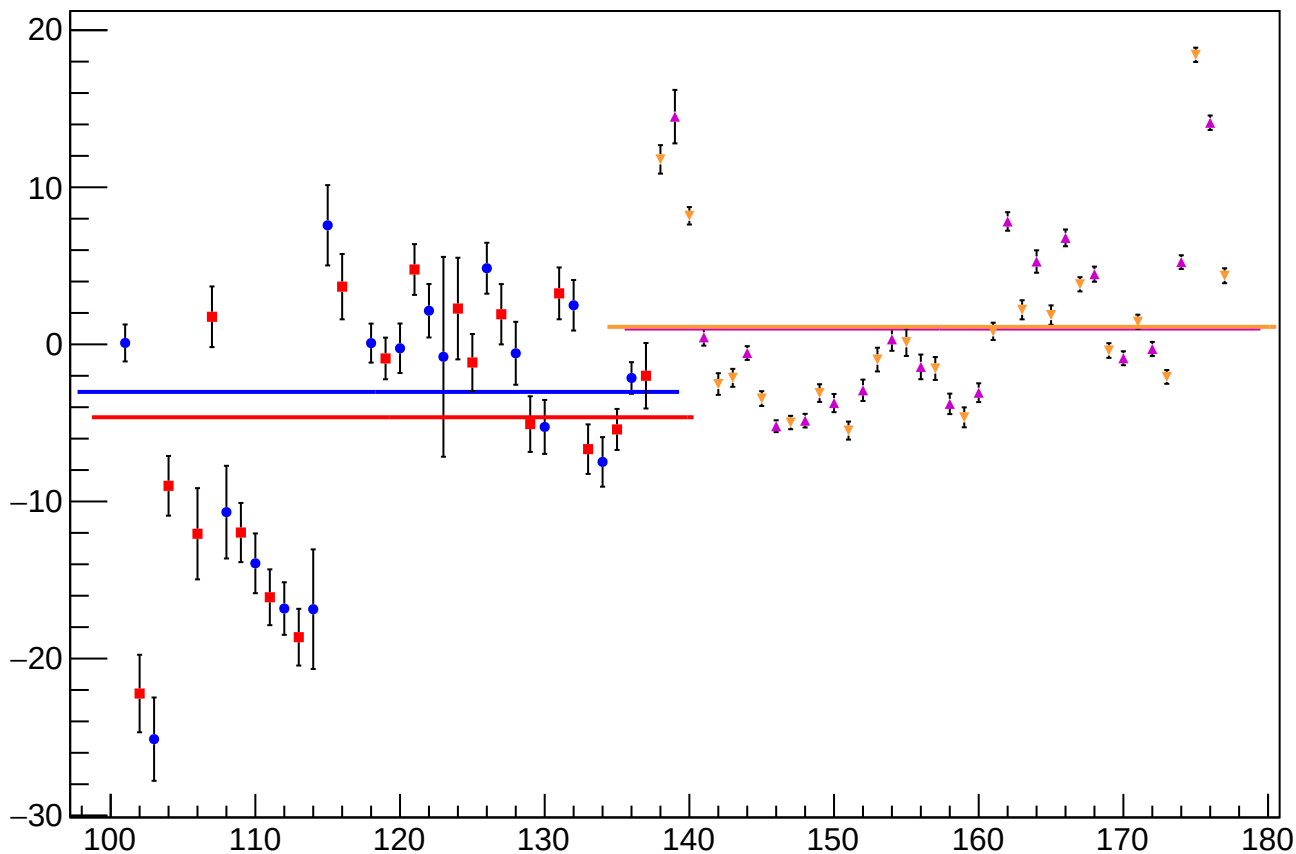
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.848+/-0.160 χ^2/NDF : 5213.8/18

Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20

All: -21.280+/-0.113 χ^2/NDF : 11993.7/39

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: 1.116 ± 0.119 χ^2/NDF : 2551.9/20

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.008 ± 0.121 χ^2/NDF : 2002.8/18

Left: 1.063 ± 0.085 χ^2/NDF : 4555.1/39

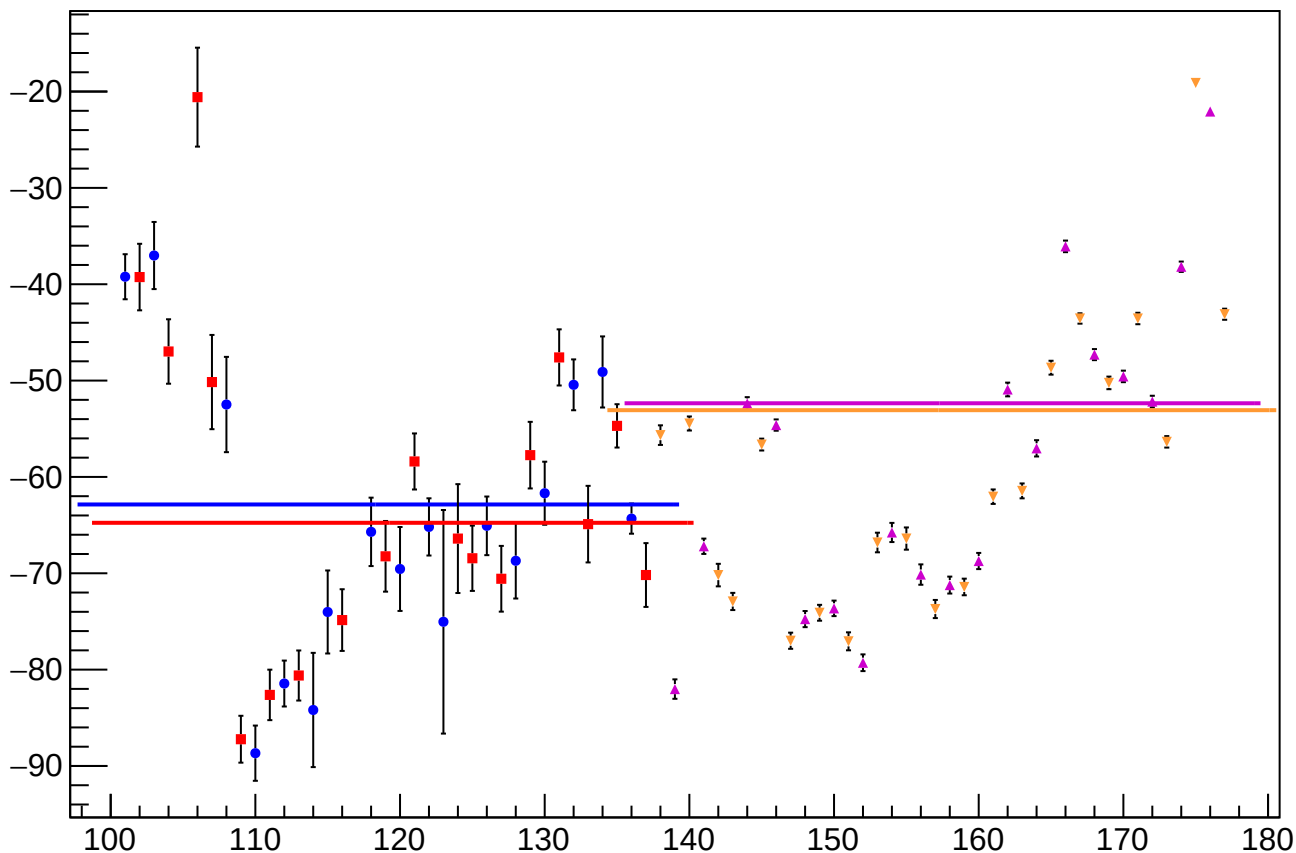
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 0.679 ± 0.116 χ^2/NDF : 2373.1/35

Out: 0.701 ± 0.114 χ^2/NDF : 3015.7/38

All: 0.690 ± 0.082 χ^2/NDF : 5388.9/74

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



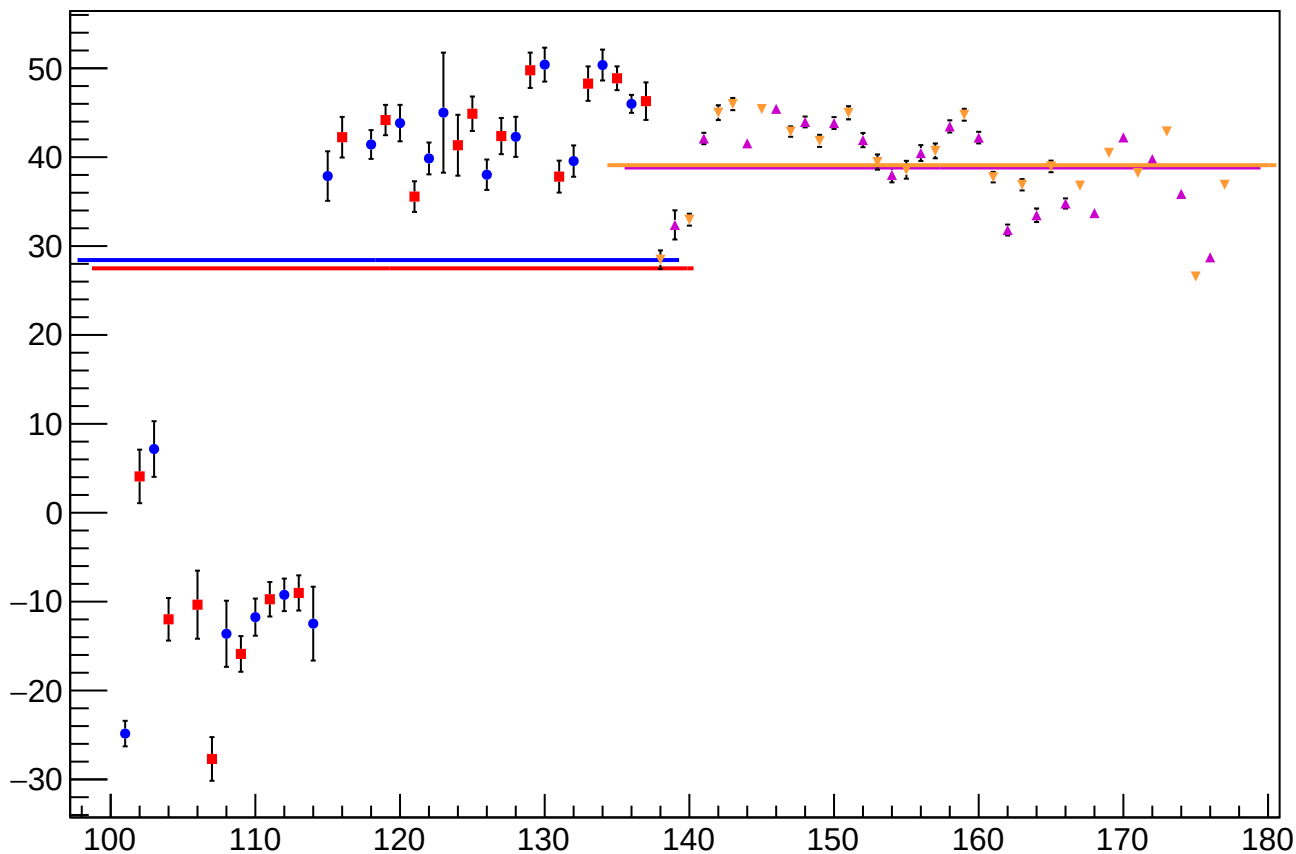
Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16
 Left Out: -53.072 $\pm$ 0.158 χ^2 /NDF:10444.2/20
 Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17
 Left In: -52.354 $\pm$ 0.160 χ^2 /NDF:10203.2/18

Left: -52.718 $\pm$ 0.113 χ^2 /NDF: 20657.6/39
 Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -52.826 $\pm$ 0.157 χ^2 /NDF:10763.9/35
 Out: -53.567 $\pm$ 0.155 χ^2 /NDF:11091.2/38

All: -53.201 $\pm$ 0.110 χ^2 /NDF: 21866.3/74

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 39.101 ± 0.135 χ^2/NDF : 1485.5/20

Right Out: 27.493 ± 0.479 χ^2/NDF : 3027.8/17

Left In: 38.836 ± 0.138 χ^2/NDF : 1301.7/18

Left: 38.972 ± 0.097 χ^2/NDF : 2789.1/39

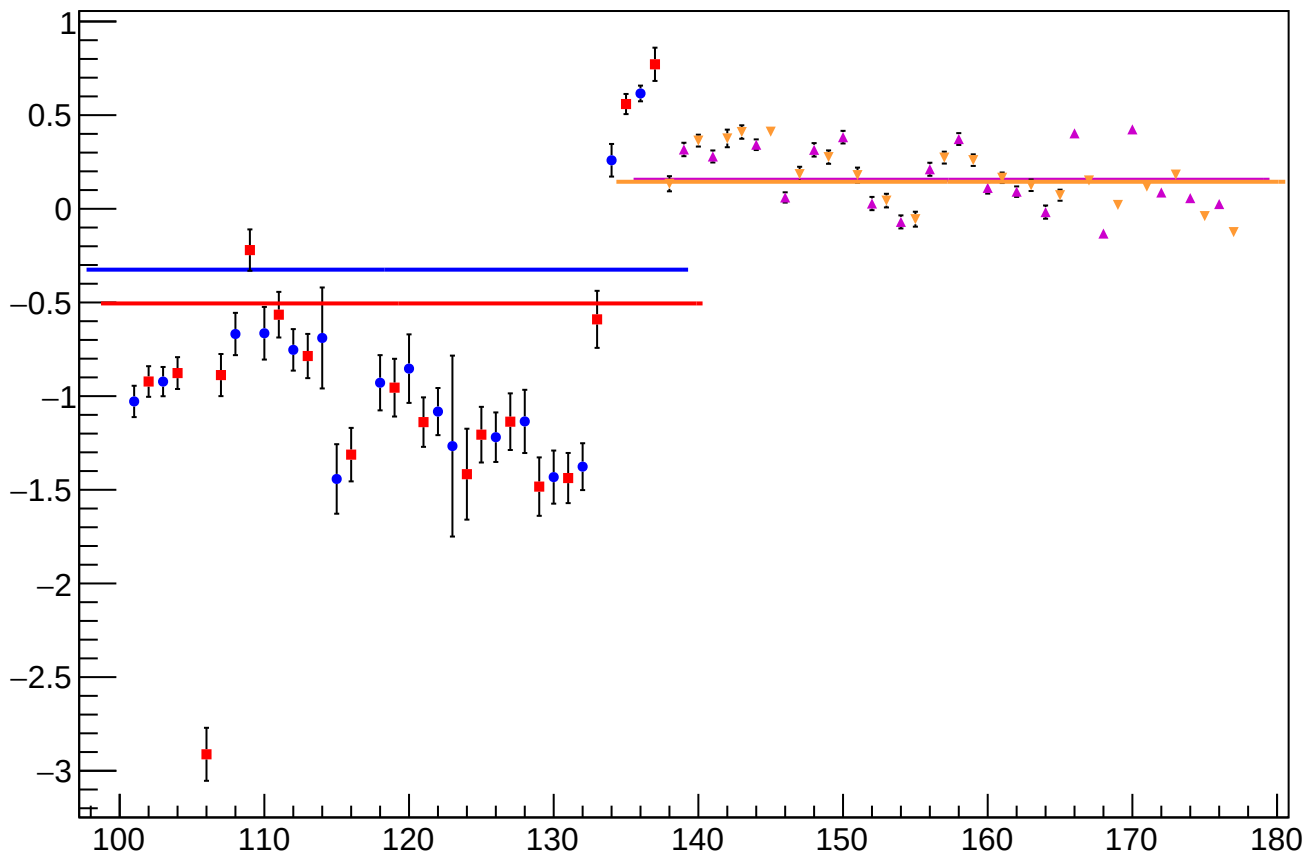
Right: 27.980 ± 0.331 χ^2/NDF : 6352.1/34

In: 37.965 ± 0.132 χ^2/NDF : 5097.9/35

Out: 38.247 ± 0.130 χ^2/NDF : 5058.0/38

All: 38.109 ± 0.093 χ^2/NDF : 10158.2/74

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: 0.144 ± 0.006 χ^2/NDF : 583.4/20

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.155 ± 0.006 χ^2/NDF : 776.8/18

Left: 0.150 ± 0.004 χ^2/NDF : 1361.6/39

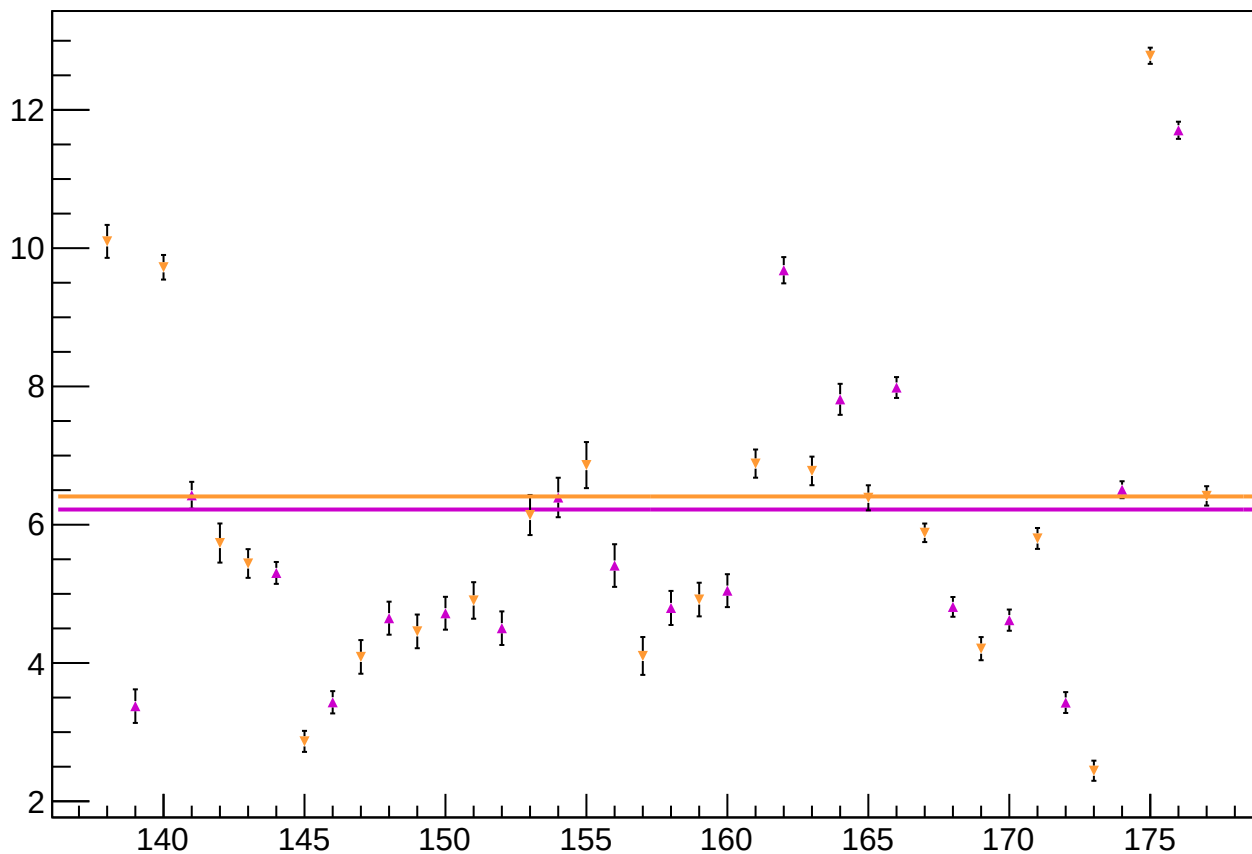
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.126 ± 0.006 χ^2/NDF : 2137.3/35

Out: 0.109 ± 0.006 χ^2/NDF : 2347.1/38

All: 0.117 ± 0.004 χ^2/NDF : 4488.7/74

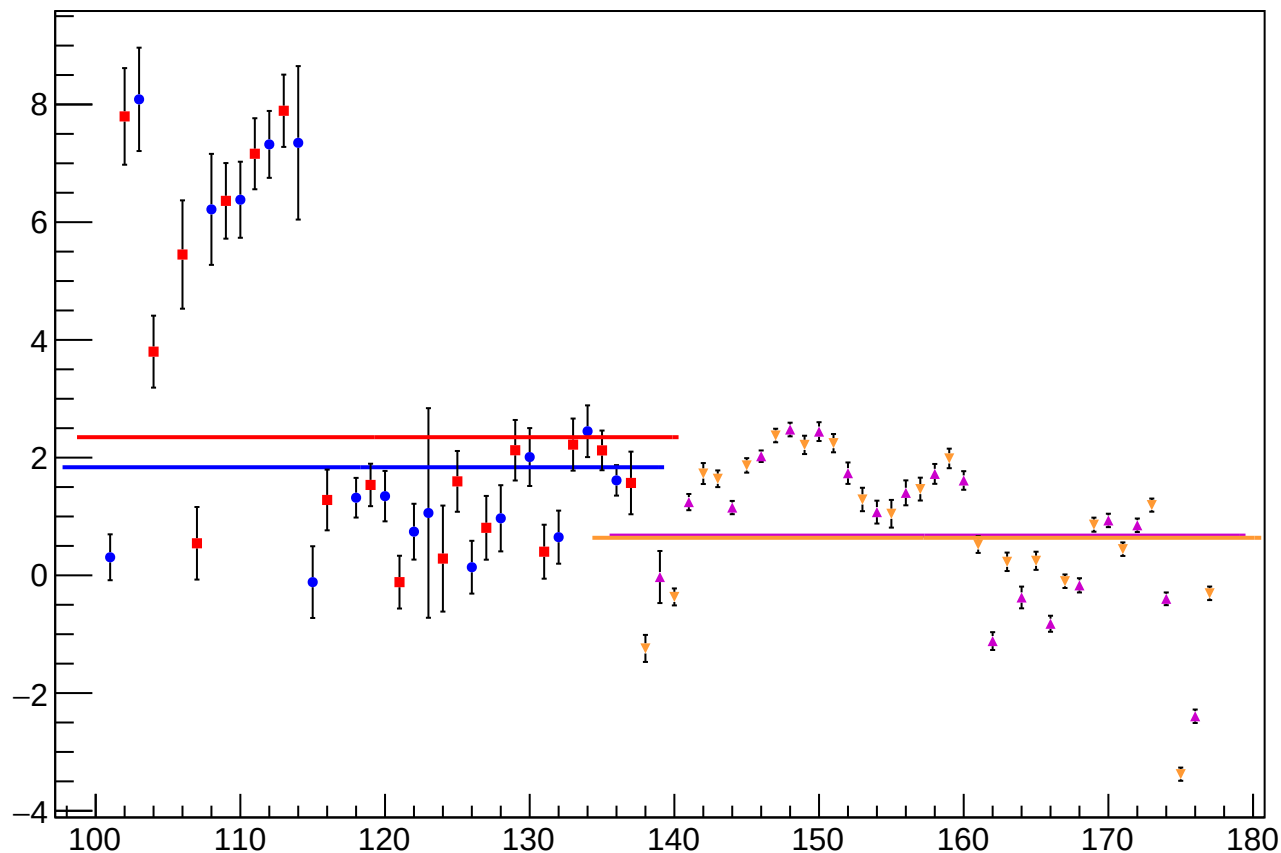
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.409+/-0.040 χ^2/NDF :5371.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.220+/-0.041 χ^2/NDF :3693.8/18

Left: 6.316+/-0.029 χ^2/NDF : 9075.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.220+/-0.041 χ^2/NDF :3693.8/18
 Out: 6.409+/-0.040 χ^2/NDF :5371.0/20
 All: 6.316+/-0.029 χ^2/NDF : 9075.5/39

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 $\pm$ 0.116 χ^2 /NDF: 294.1/16

Left Out: 0.638 $\pm$ 0.031 χ^2 /NDF:2270.7/20

Right Out: 2.347 $\pm$ 0.123 χ^2 /NDF: 329.8/17

Left In: 0.675 $\pm$ 0.031 χ^2 /NDF:1882.2/18

Left: 0.656 $\pm$ 0.022 χ^2 /NDF: 4153.7/39

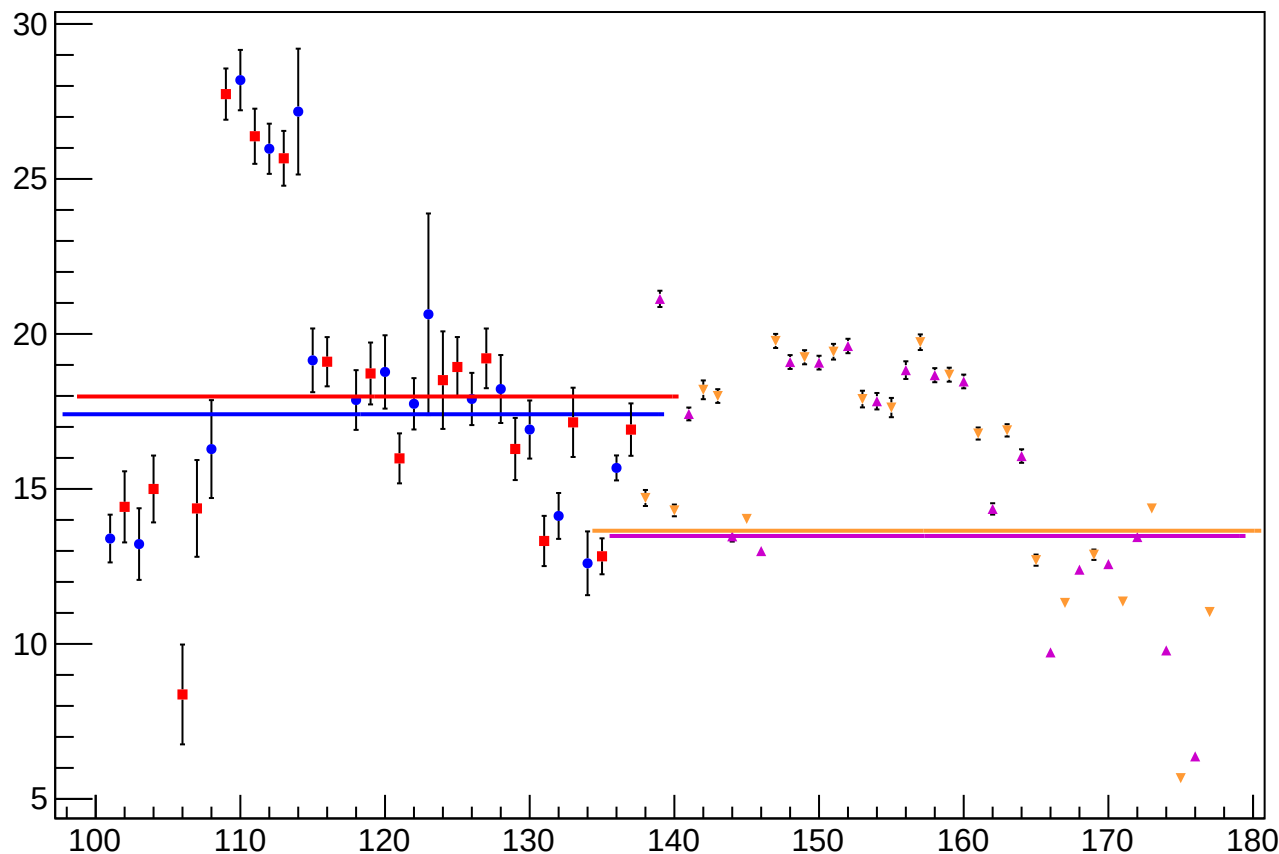
Right: 2.078 $\pm$ 0.084 χ^2 /NDF: 633.0/34

In: 0.754 $\pm$ 0.030 χ^2 /NDF:2269.5/35

Out: 0.738 $\pm$ 0.030 χ^2 /NDF:2783.6/38

All: 0.746 $\pm$ 0.021 χ^2 /NDF: 5053.2/74

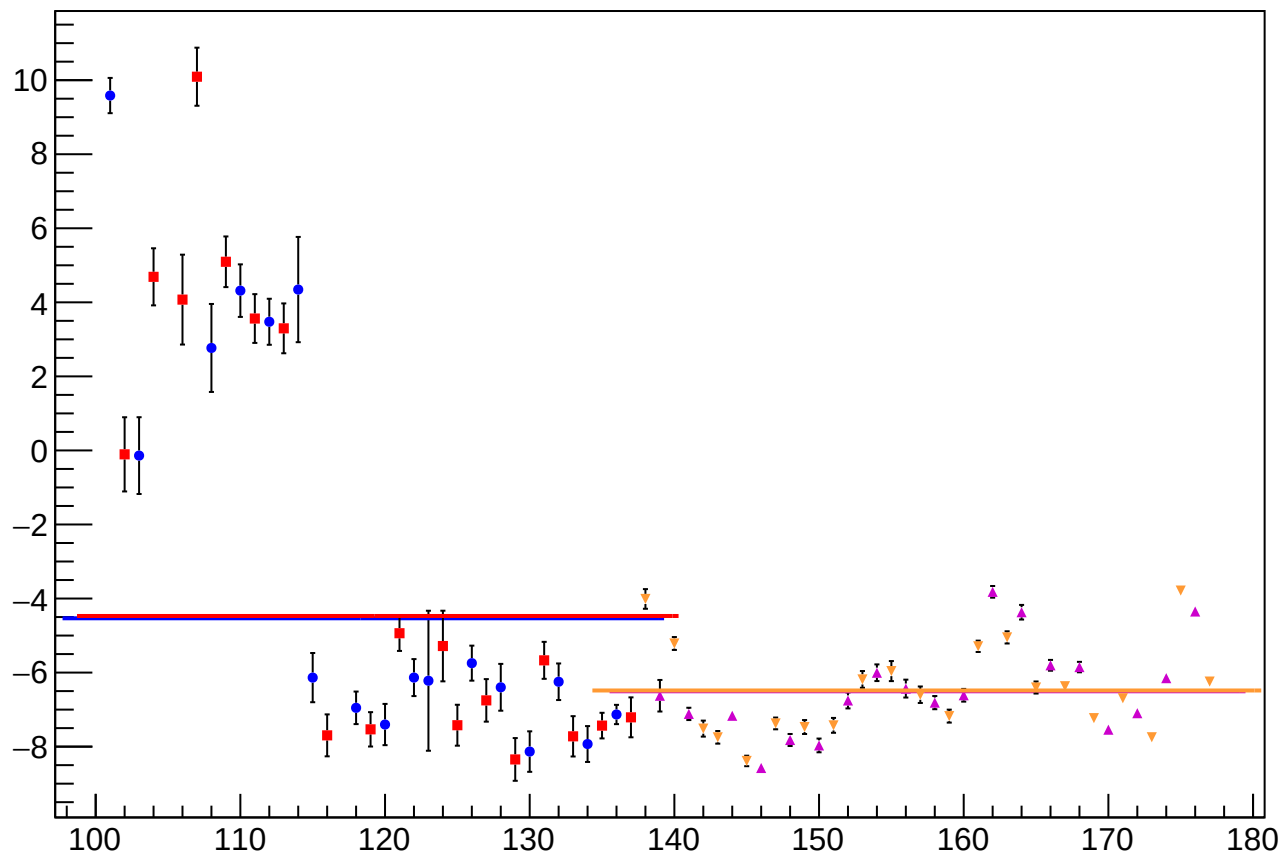
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 13.652 ± 0.041 $\chi^2/\text{NDF}: 10069.9/20$
 Right Out: 17.982 ± 0.219 $\chi^2/\text{NDF}: 490.7/17$
 Left In: 13.482 ± 0.041 $\chi^2/\text{NDF}: 9792.6/18$

Left: 13.568 ± 0.029 $\chi^2/\text{NDF}: 19871.1/39$
 Right: 17.686 ± 0.152 $\chi^2/\text{NDF}: 859.3/34$
 In: 13.625 ± 0.041 $\chi^2/\text{NDF}: 10488.5/35$
 Out: 13.795 ± 0.040 $\chi^2/\text{NDF}: 10937.7/38$
 All: 13.711 ± 0.028 $\chi^2/\text{NDF}: 21435.0/74$

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: -6.483 ± 0.035 χ^2/NDF : 1308.2/20

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.505 ± 0.036 χ^2/NDF : 1314.3/18

Left: -6.494 ± 0.025 χ^2/NDF : 2622.6/39

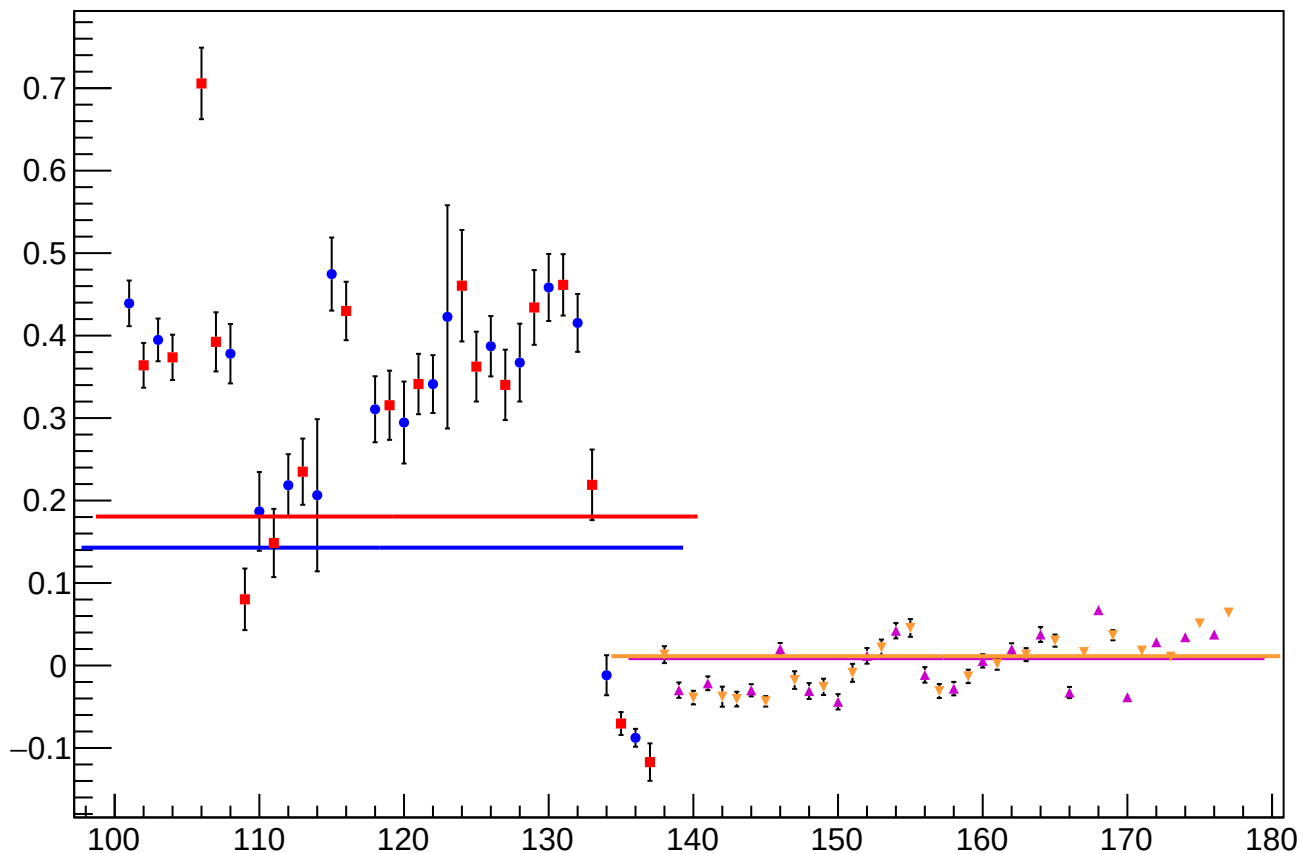
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.367 ± 0.034 χ^2/NDF : 3117.7/35

Out: -6.362 ± 0.034 χ^2/NDF : 2850.5/38

All: -6.364 ± 0.024 χ^2/NDF : 5968.2/74

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 χ^2/NDF : 1058.9/16

Left Out: 0.011 ± 0.002 χ^2/NDF : 409.9/20

Right Out: 0.181 ± 0.007 χ^2/NDF : 1003.7/17

Left In: 0.009 ± 0.002 χ^2/NDF : 452.3/18

Left: 0.010 ± 0.001 χ^2/NDF : 863.3/39

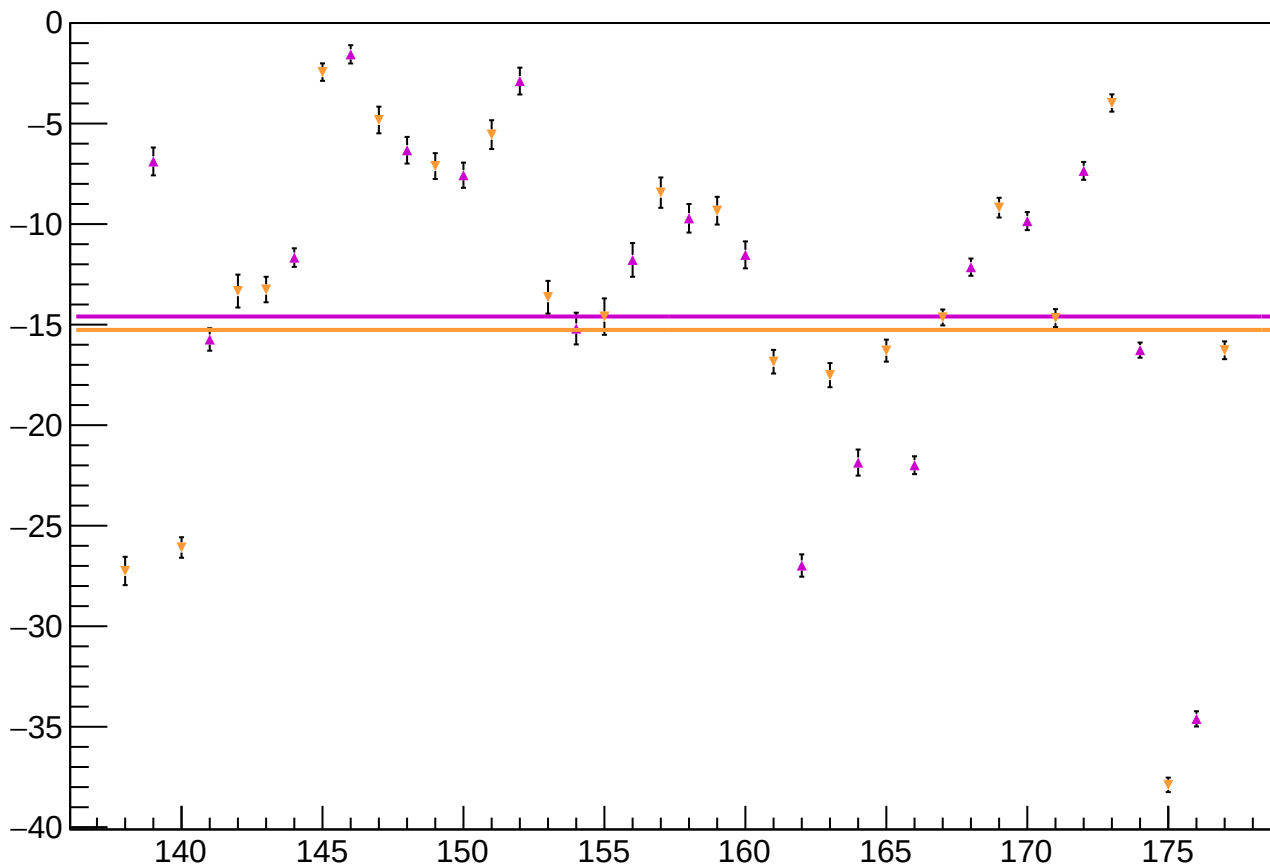
Right: 0.161 ± 0.005 χ^2/NDF : 2076.2/34

In: 0.016 ± 0.002 χ^2/NDF : 1853.8/35

Out: 0.019 ± 0.002 χ^2/NDF : 1913.7/38

All: 0.017 ± 0.001 χ^2/NDF : 3769.6/74

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



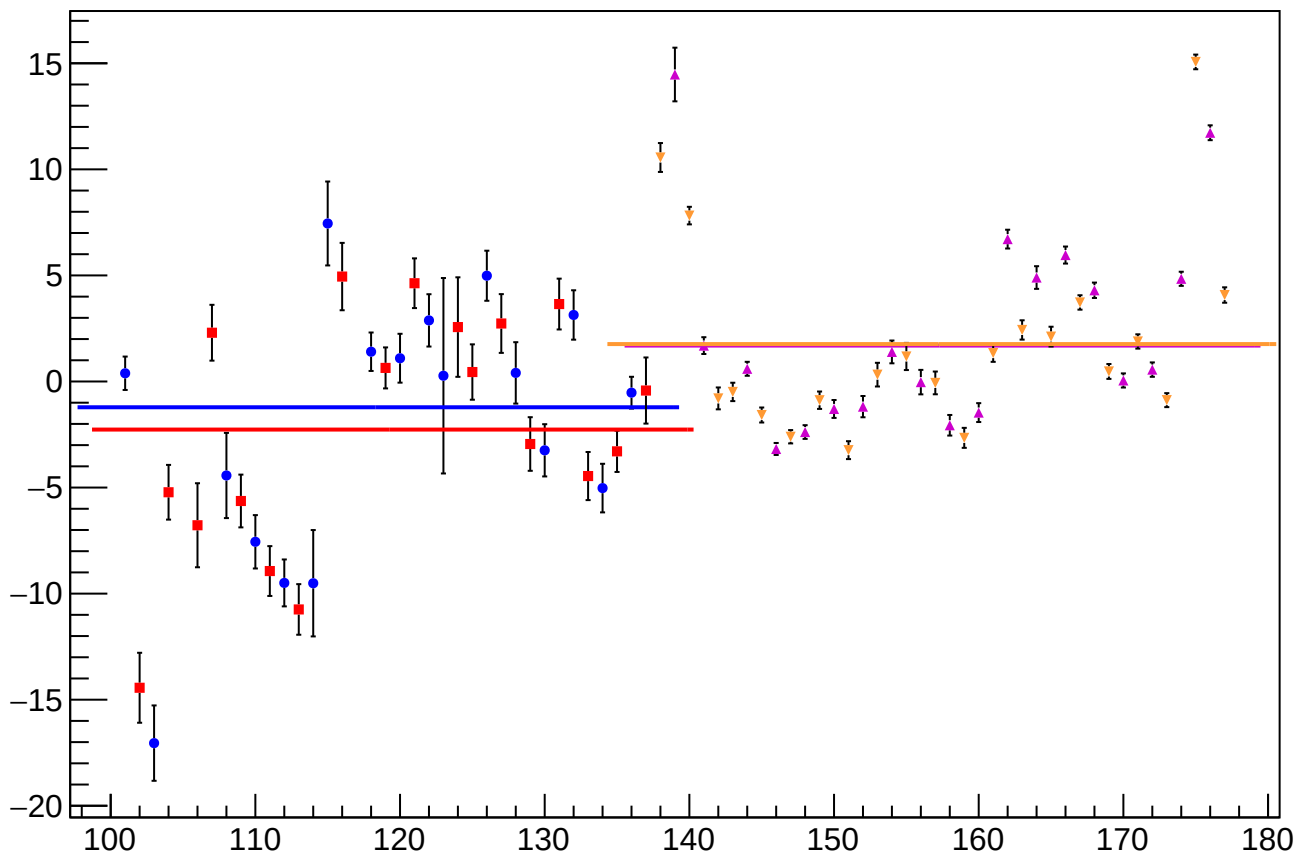
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.263+/-0.119 χ^2/NDF : 7195.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.596+/-0.120 χ^2/NDF : 5767.9/18

Left: -14.934+/-0.084 χ^2/NDF : 12979.4/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

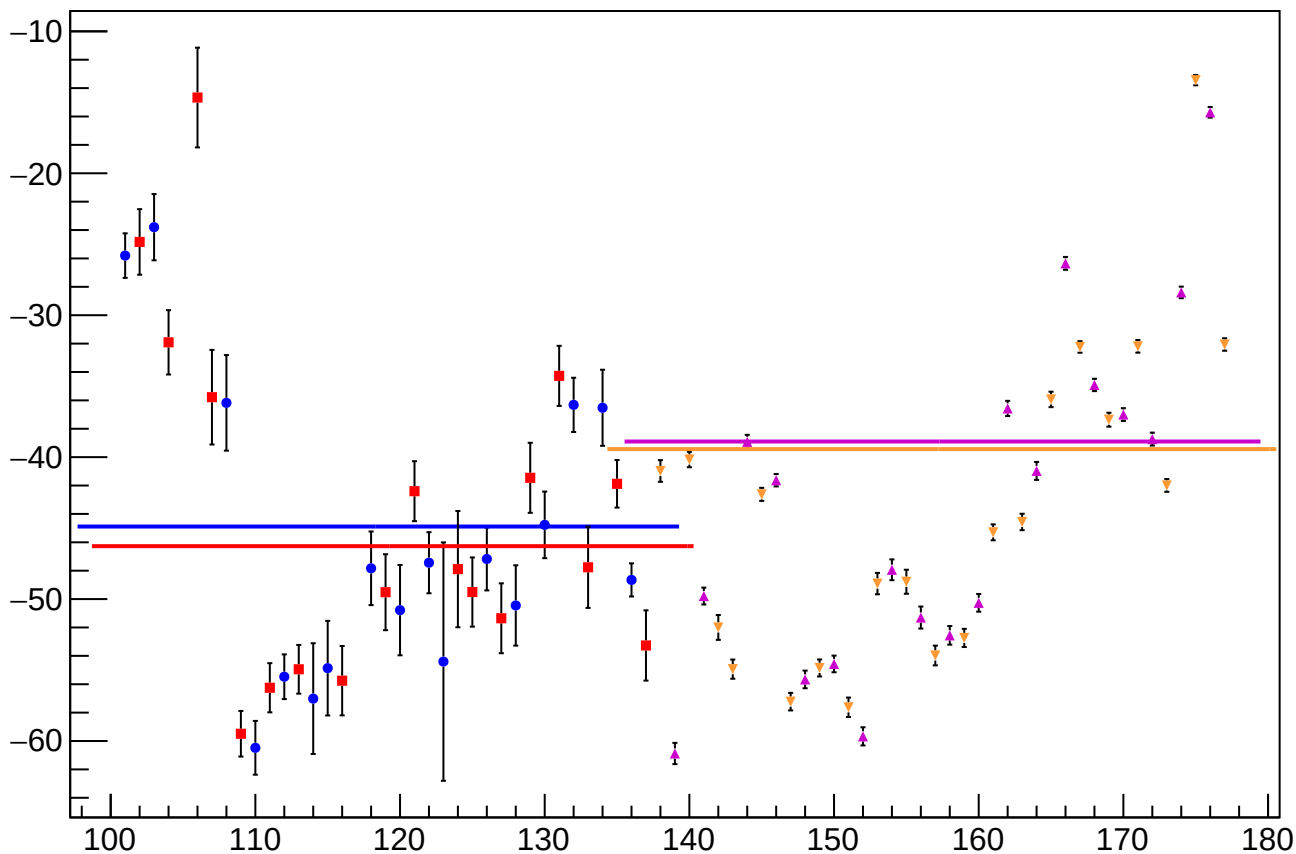
In: -14.596+/-0.120 χ^2/NDF : 5767.9/18
 Out: -15.263+/-0.119 χ^2/NDF : 7195.9/20

All: -14.934+/-0.084 χ^2/NDF : 12979.4/39

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -39.433 ± 0.119 χ^2/NDF : 10445.1/20
 Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17
 Left In: -38.899 ± 0.120 χ^2/NDF : 10280.7/18

Left: -39.169 ± 0.084 χ^2/NDF : 20735.8/39

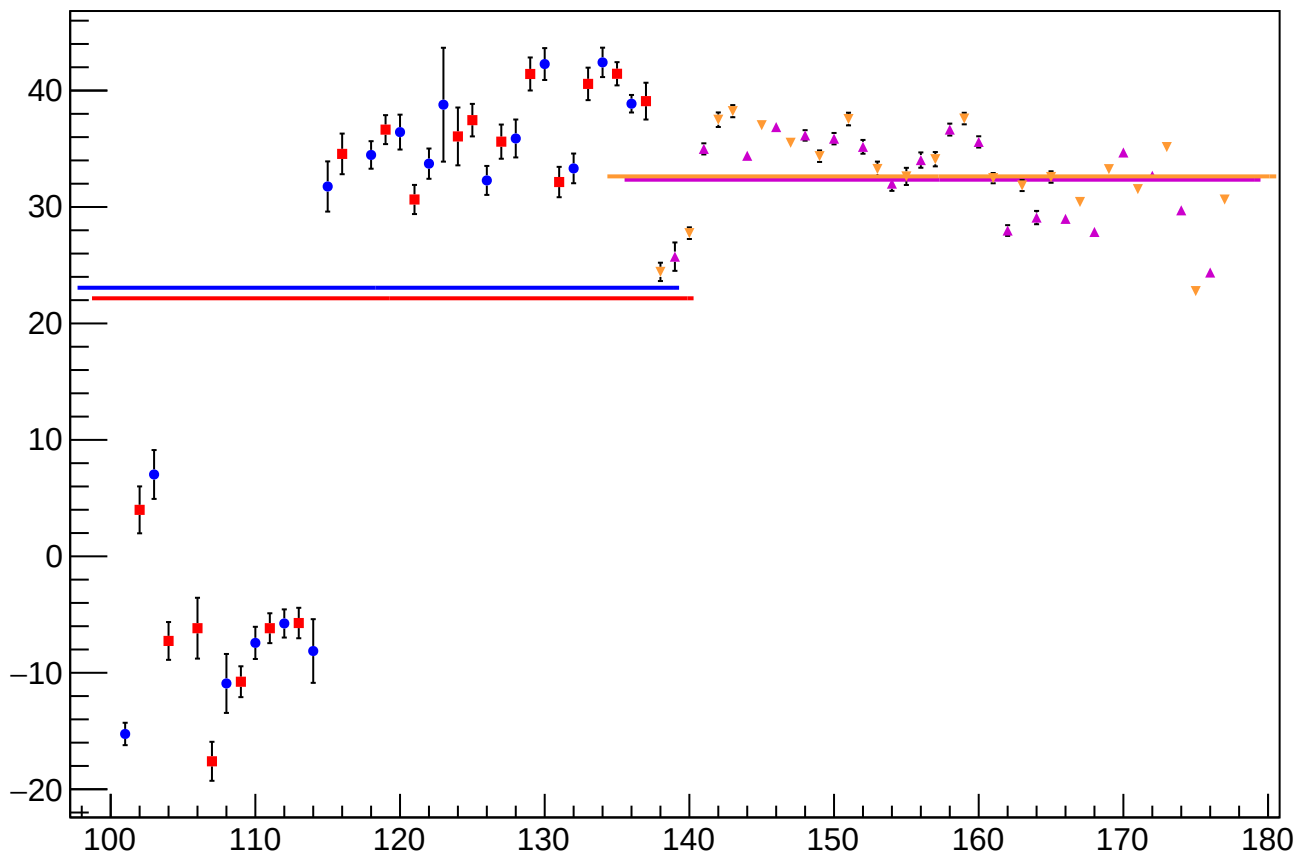
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -39.199 ± 0.117 χ^2/NDF : 10825.5/35

Out: -39.760 ± 0.116 χ^2/NDF : 11024.5/38

All: -39.482 ± 0.082 χ^2/NDF : 21861.7/74

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 ± 0.327 χ^2/NDF : 4333.5/16

Left Out: 32.628 ± 0.101 χ^2/NDF : 1600.6/20

Right Out: 22.159 ± 0.340 χ^2/NDF : 4025.5/17

Left In: 32.344 ± 0.104 χ^2/NDF : 1360.4/18

Left: 32.490 ± 0.072 χ^2/NDF : 2964.9/39

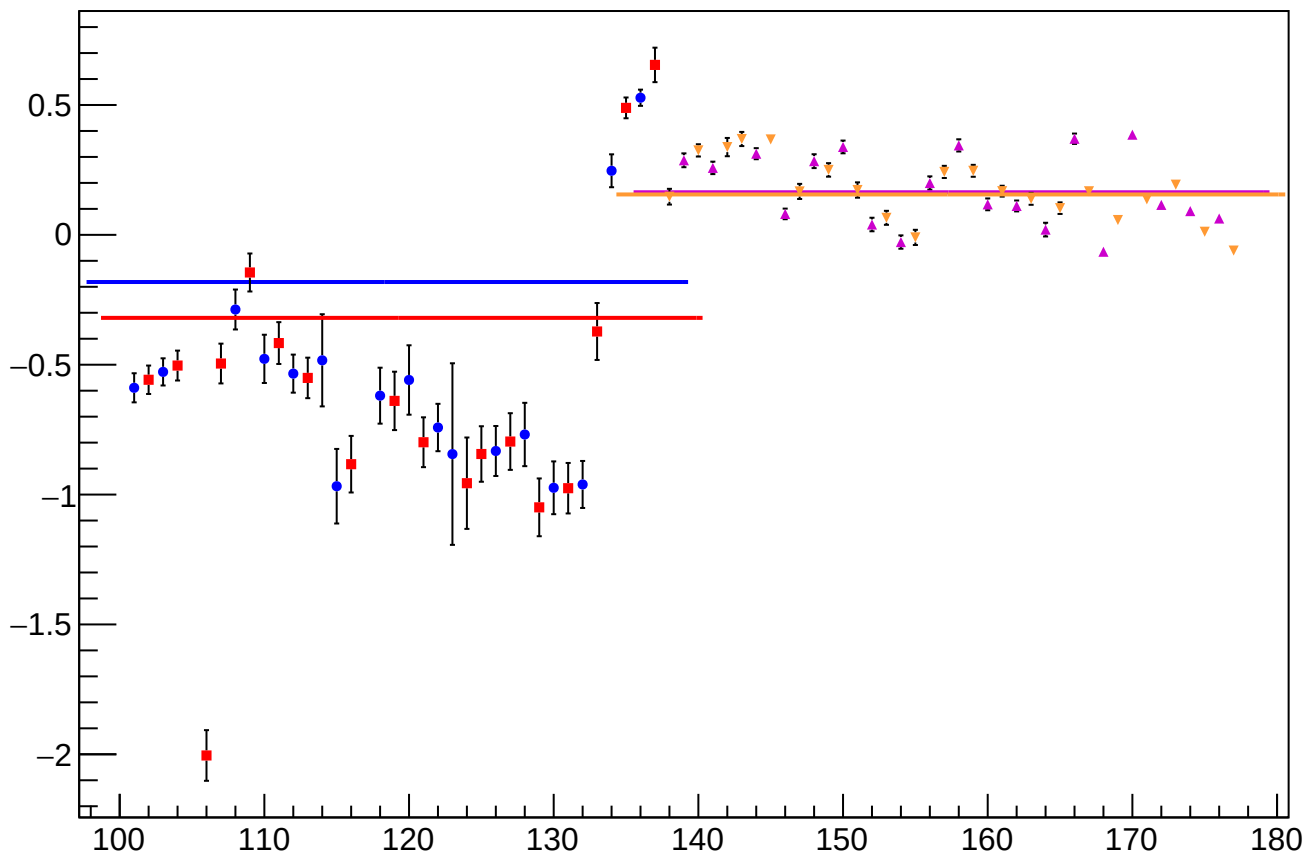
Right: 22.631 ± 0.236 χ^2/NDF : 8362.7/34

In: 31.496 ± 0.099 χ^2/NDF : 6427.4/35

Out: 31.779 ± 0.097 χ^2/NDF : 6497.3/38

All: 31.640 ± 0.069 χ^2/NDF : 12928.9/74

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: 0.156 ± 0.005 χ^2/NDF : 645.4/20

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.164 ± 0.005 χ^2/NDF : 908.6/18

Left: 0.160 ± 0.003 χ^2/NDF : 1555.6/39

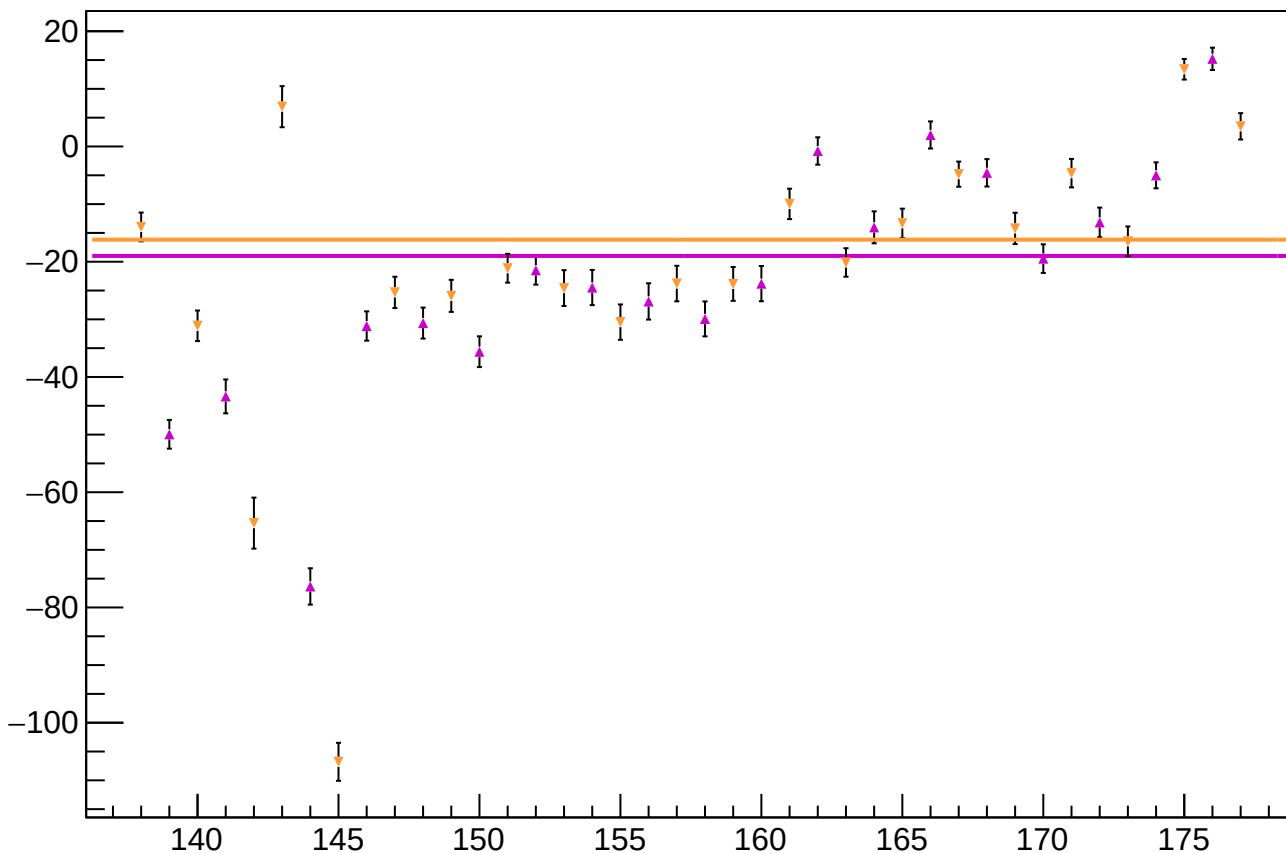
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.141 ± 0.005 χ^2/NDF : 2259.8/35

Out: 0.126 ± 0.005 χ^2/NDF : 2461.7/38

All: 0.134 ± 0.003 χ^2/NDF : 4726.9/74

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -16.167 ± 0.577 χ^2/NDF : 1429.5/20

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -18.996 ± 0.594 χ^2/NDF : 1194.7/18

Left: -17.541 ± 0.414 χ^2/NDF : 2635.9/39

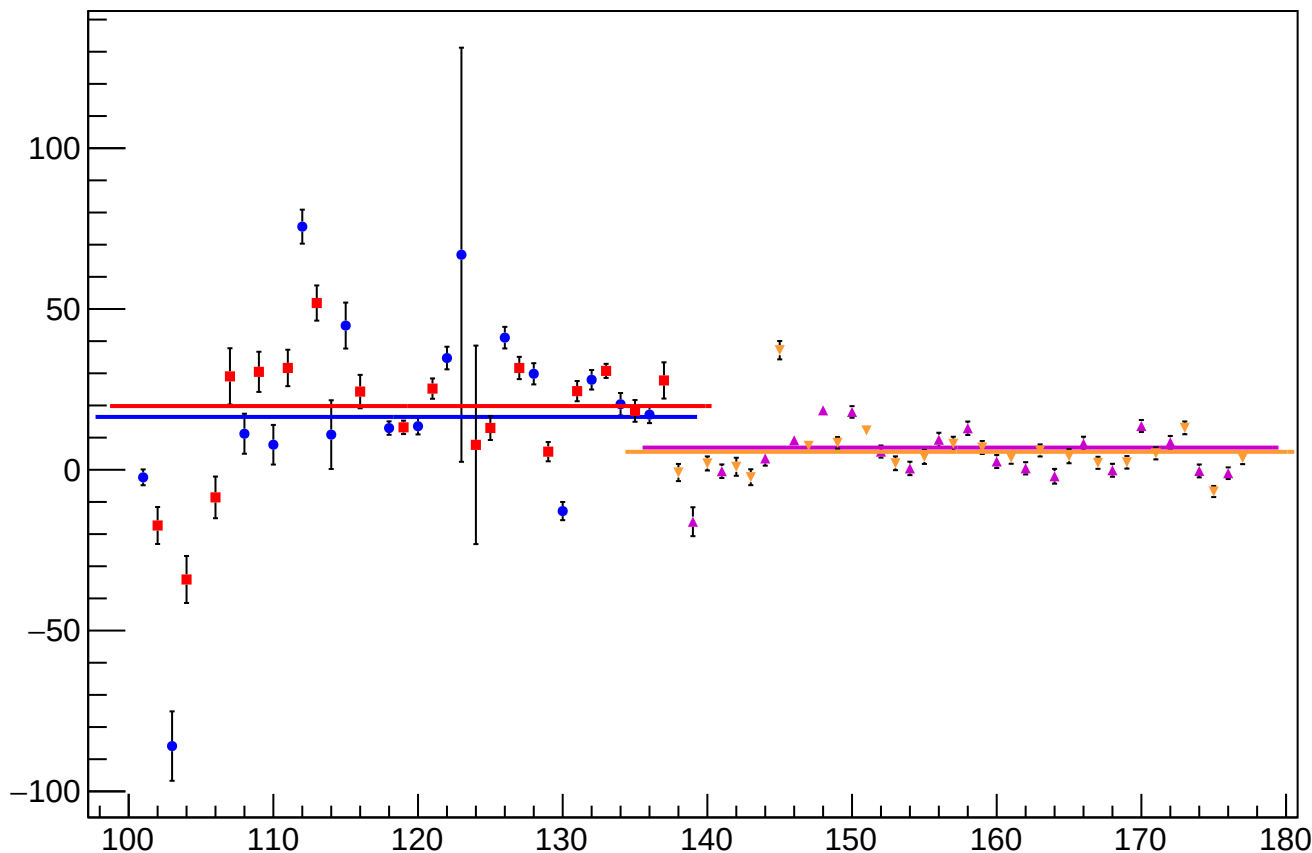
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -18.996 ± 0.594 χ^2/NDF : 1194.7/18

Out: -16.167 ± 0.577 χ^2/NDF : 1429.5/20

All: -17.541 ± 0.414 χ^2/NDF : 2635.9/39

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: 5.579 ± 0.426 $\chi^2/\text{NDF}: 248.9/20$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 6.904 ± 0.446 $\chi^2/\text{NDF}: 268.5/18$

Left: 6.211 ± 0.308 $\chi^2/\text{NDF}: 522.0/39$

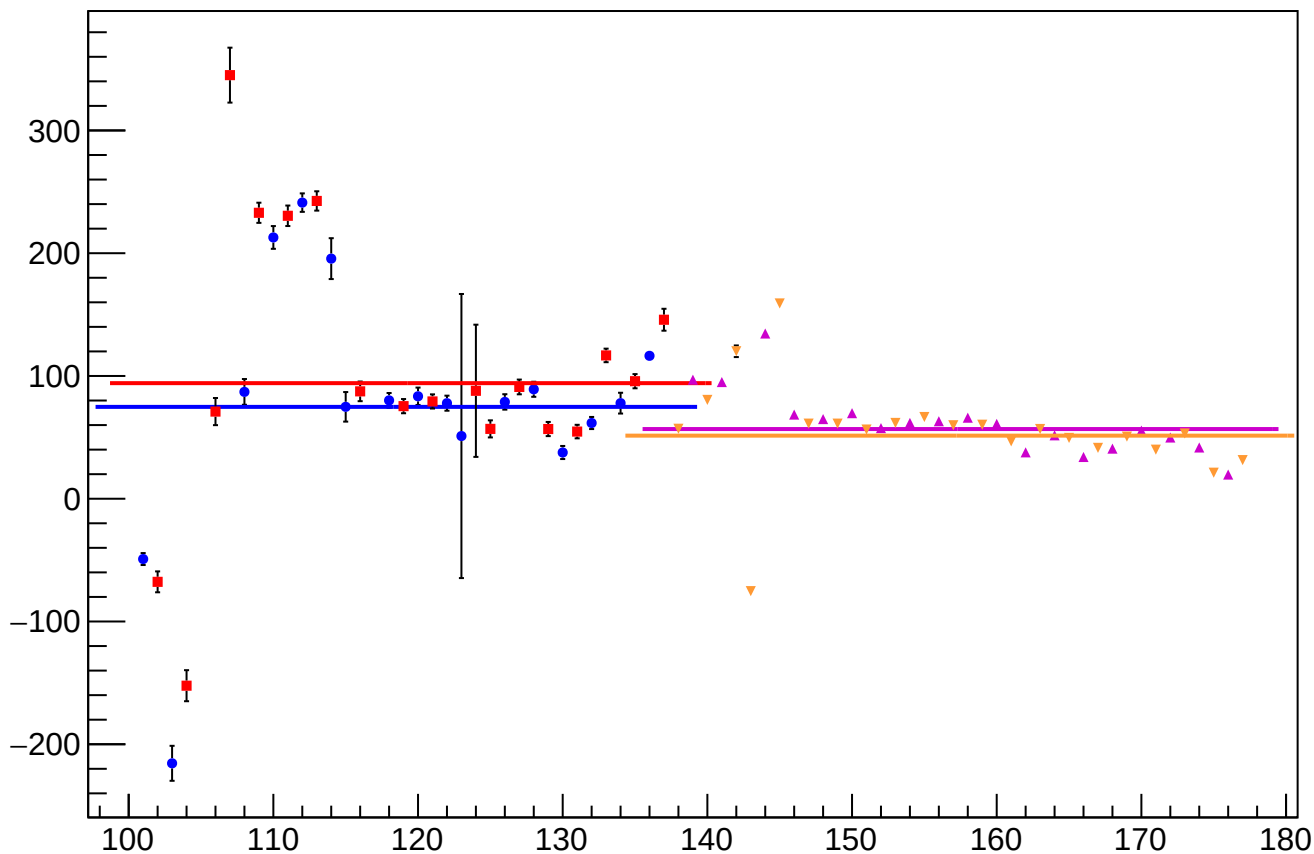
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 8.965 ± 0.395 $\chi^2/\text{NDF}: 884.5/35$

Out: 8.185 ± 0.385 $\chi^2/\text{NDF}: 692.1/38$

All: 8.566 ± 0.275 $\chi^2/\text{NDF}: 1578.5/74$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 51.395+/-0.571 χ^2 /NDF:2927.5/20

Right Out: 94.153+/-1.720 χ^2 /NDF: 1969.2/17

Left In: 56.767+/-0.587 χ^2 /NDF:1612.6/18

Left: 54.006+/-0.409 χ^2 /NDF: 4583.2/39

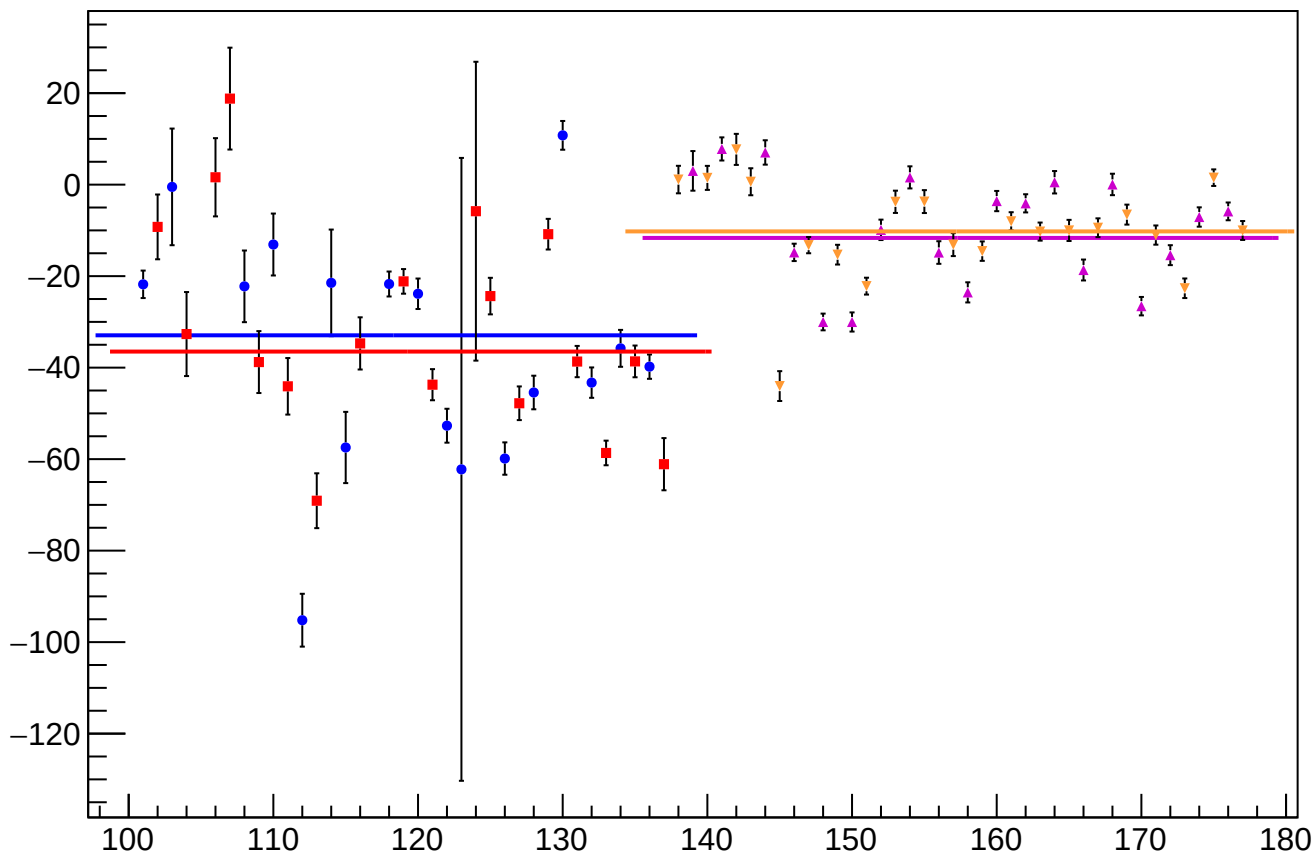
Right: 84.020+/-1.186 χ^2 /NDF: 4032.2/34

In: 58.820+/-0.552 χ^2 /NDF:3717.0/35

Out: 55.634+/-0.542 χ^2 /NDF:5453.4/38

All: 57.195+/-0.387 χ^2 /NDF: 9187.4/74

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -10.221 ± 0.487 $\chi^2/\text{NDF}: 332.9/20$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -11.649 ± 0.510 $\chi^2/\text{NDF}: 520.5/18$

Left: -10.902 ± 0.352 $\chi^2/\text{NDF}: 857.5/39$

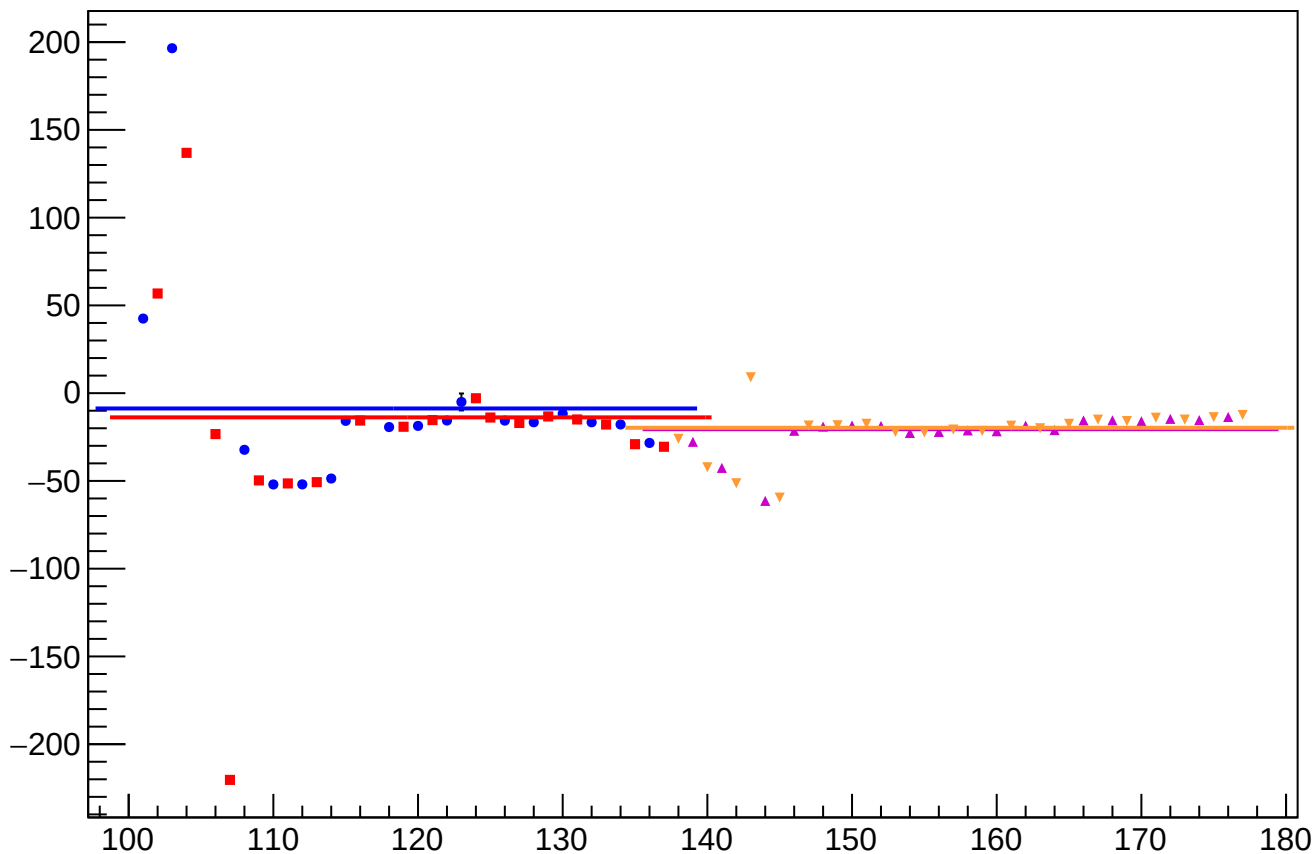
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -16.236 ± 0.452 $\chi^2/\text{NDF}: 1386.4/35$

Out: -15.050 ± 0.440 $\chi^2/\text{NDF}: 1160.4/38$

All: -15.628 ± 0.315 $\chi^2/\text{NDF}: 2550.3/74$

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -19.724 ± 0.023 χ^2/NDF : 212408.8/20

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -20.527 ± 0.023 χ^2/NDF : 137542.4/18

Left: -20.118 ± 0.016 χ^2/NDF : 350574.4/39

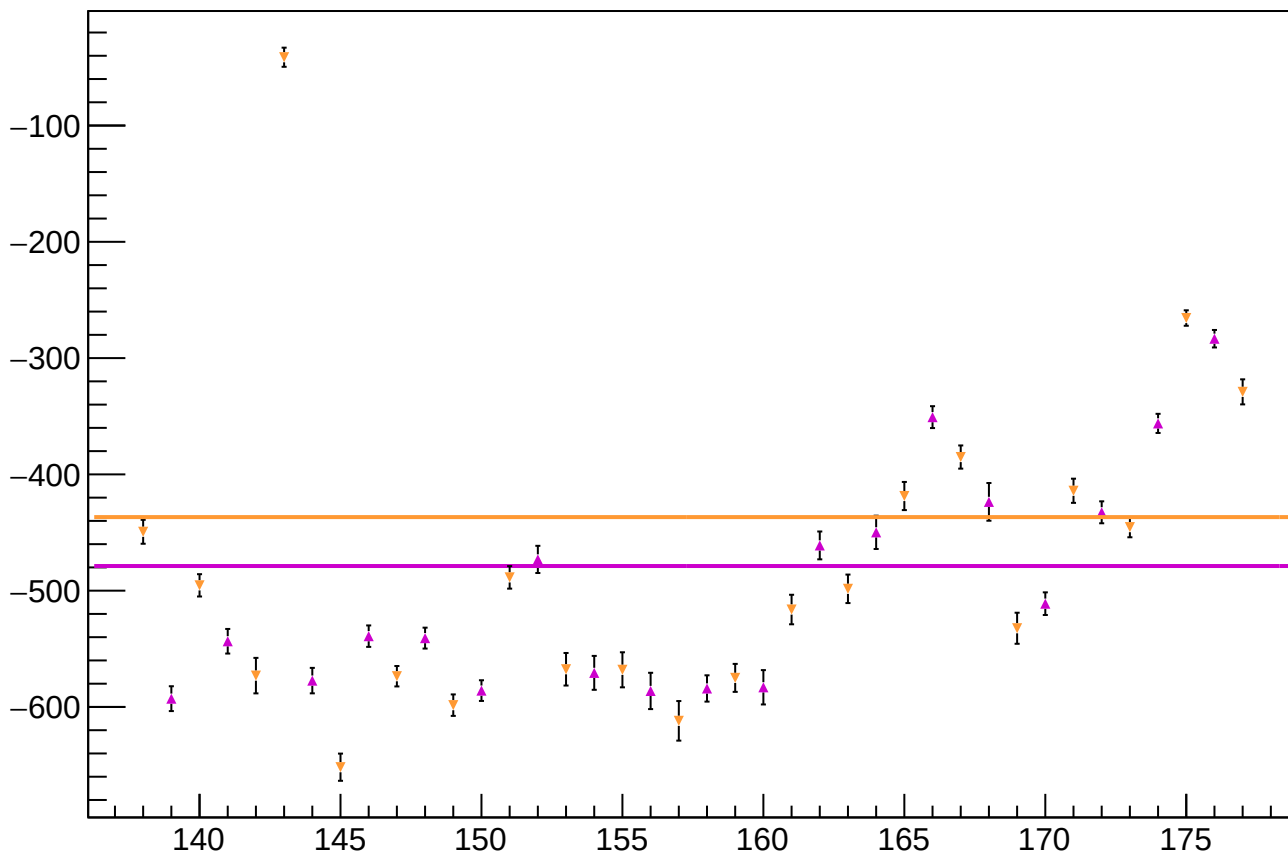
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -18.972 ± 0.021 χ^2/NDF : 748291.4/35

Out: -19.035 ± 0.021 χ^2/NDF : 769853.4/38

All: -19.004 ± 0.015 χ^2/NDF : 1518149.1/74

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -478.805+/-2.408 χ^2/NDF :1827.1/18

Left: -456.705+/-1.659 χ^2/NDF : 6648.1/39

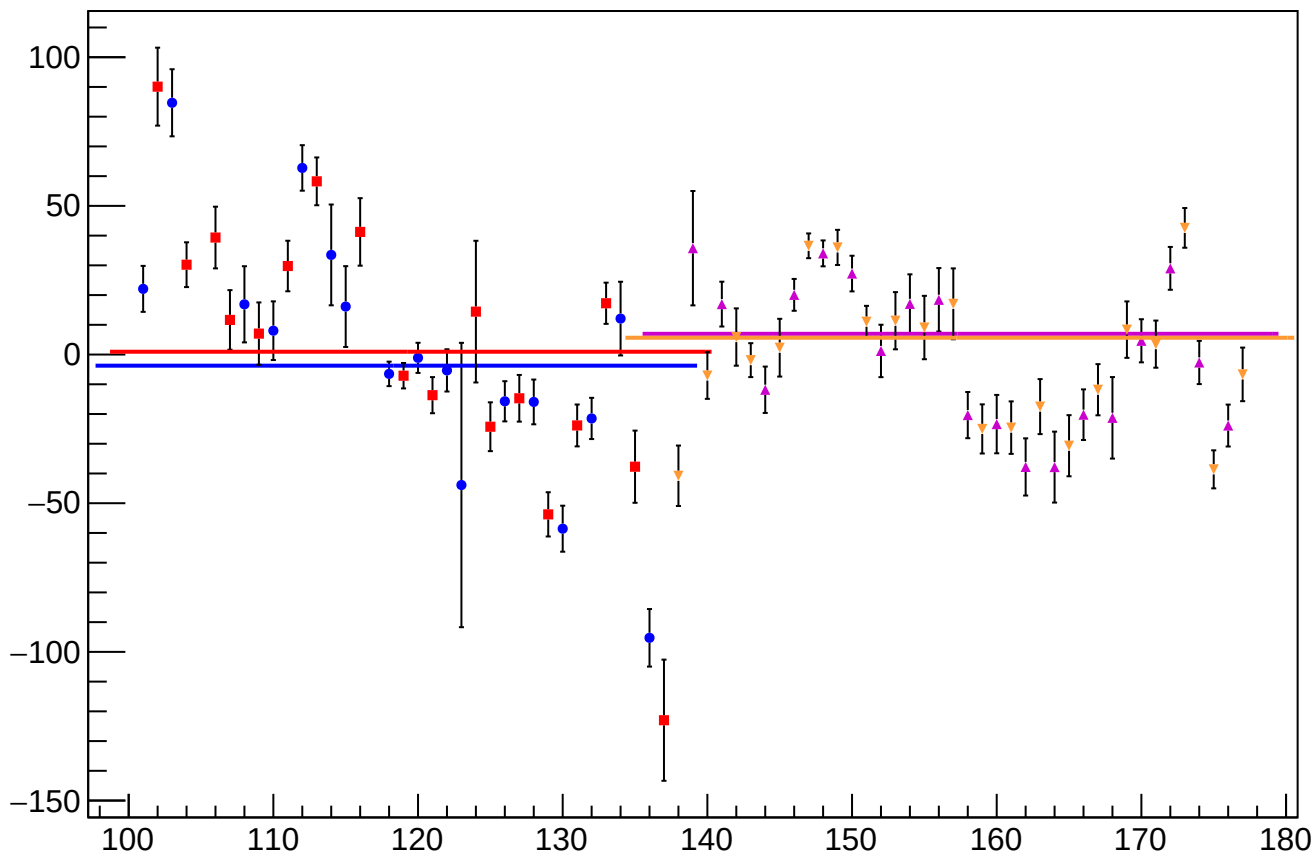
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -478.805+/-2.408 χ^2/NDF :1827.1/18

Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

All: -456.705+/-1.659 χ^2/NDF : 6648.1/39

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 5.652 ± 1.634 χ^2/NDF : 238.2/20

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 6.978 ± 1.754 χ^2/NDF : 171.0/18

Left: 6.268 ± 1.196 χ^2/NDF : 409.5/39

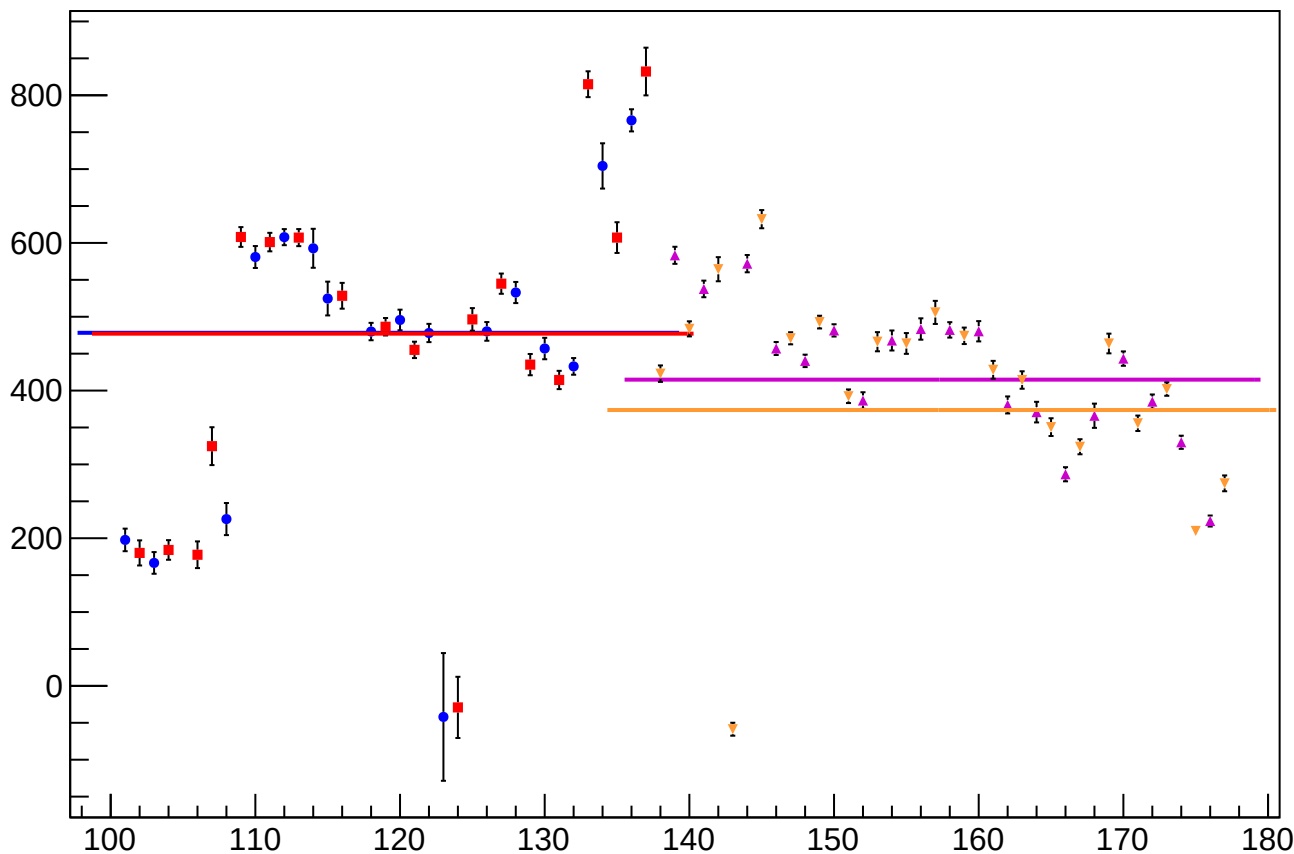
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.023 ± 1.286 χ^2/NDF : 502.3/35

Out: 3.673 ± 1.244 χ^2/NDF : 535.4/38

All: 2.876 ± 0.894 χ^2/NDF : 1038.5/74

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 373.670+/-2.277 χ^2/NDF : 4532.3/20

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 414.808+/-2.385 χ^2/NDF : 1692.6/18

Left: 393.293+/-1.647 χ^2/NDF : 6380.5/39

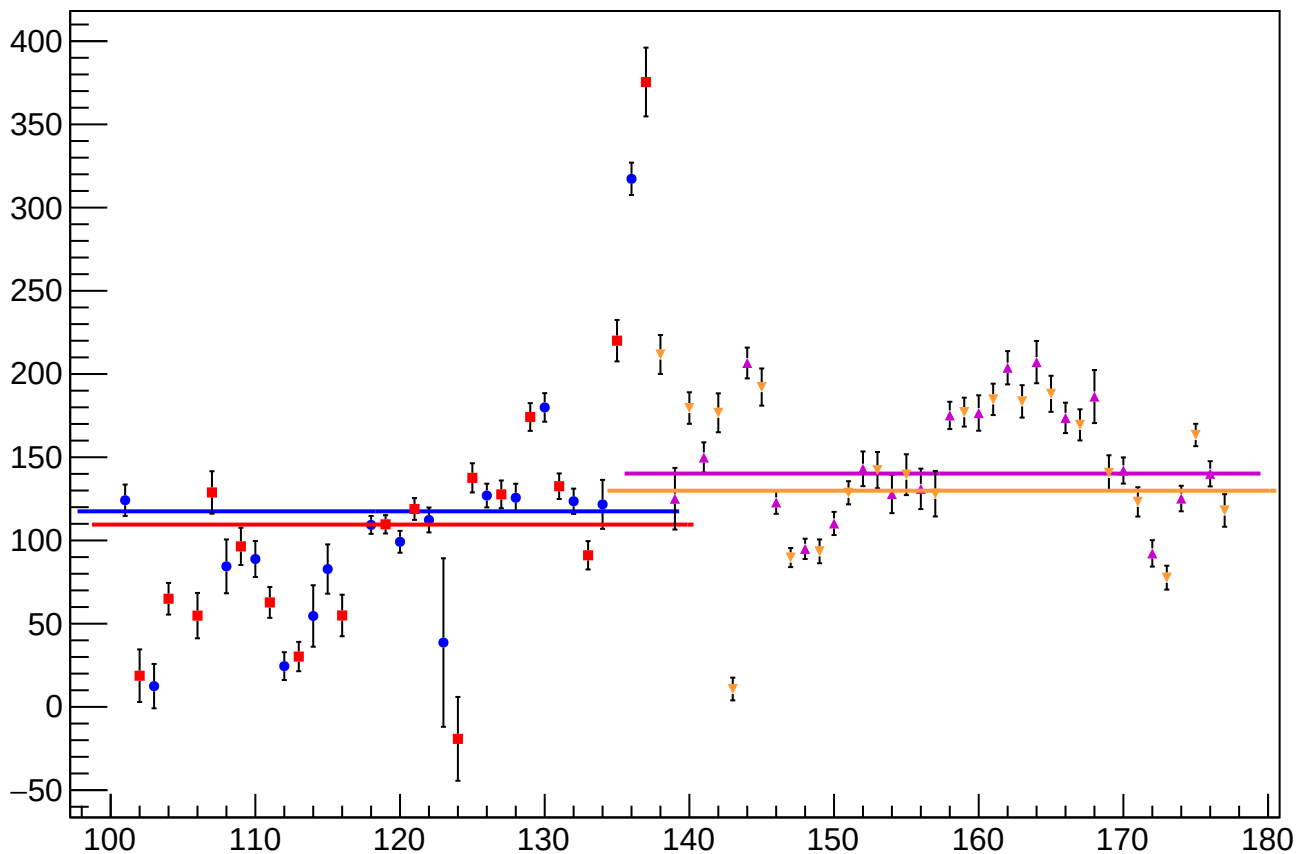
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 433.877+/-1.994 χ^2/NDF : 3533.3/35

Out: 403.928+/-1.915 χ^2/NDF : 7311.6/38

All: 418.298+/-1.381 χ^2/NDF : 10962.2/74

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 129.907 $\pm$ 1.906 χ^2 /NDF: 727.4/20

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.199 $\pm$ 2.035 χ^2 /NDF: 295.7/18

Left: 134.718 $\pm$ 1.391 χ^2 /NDF: 1036.7/39

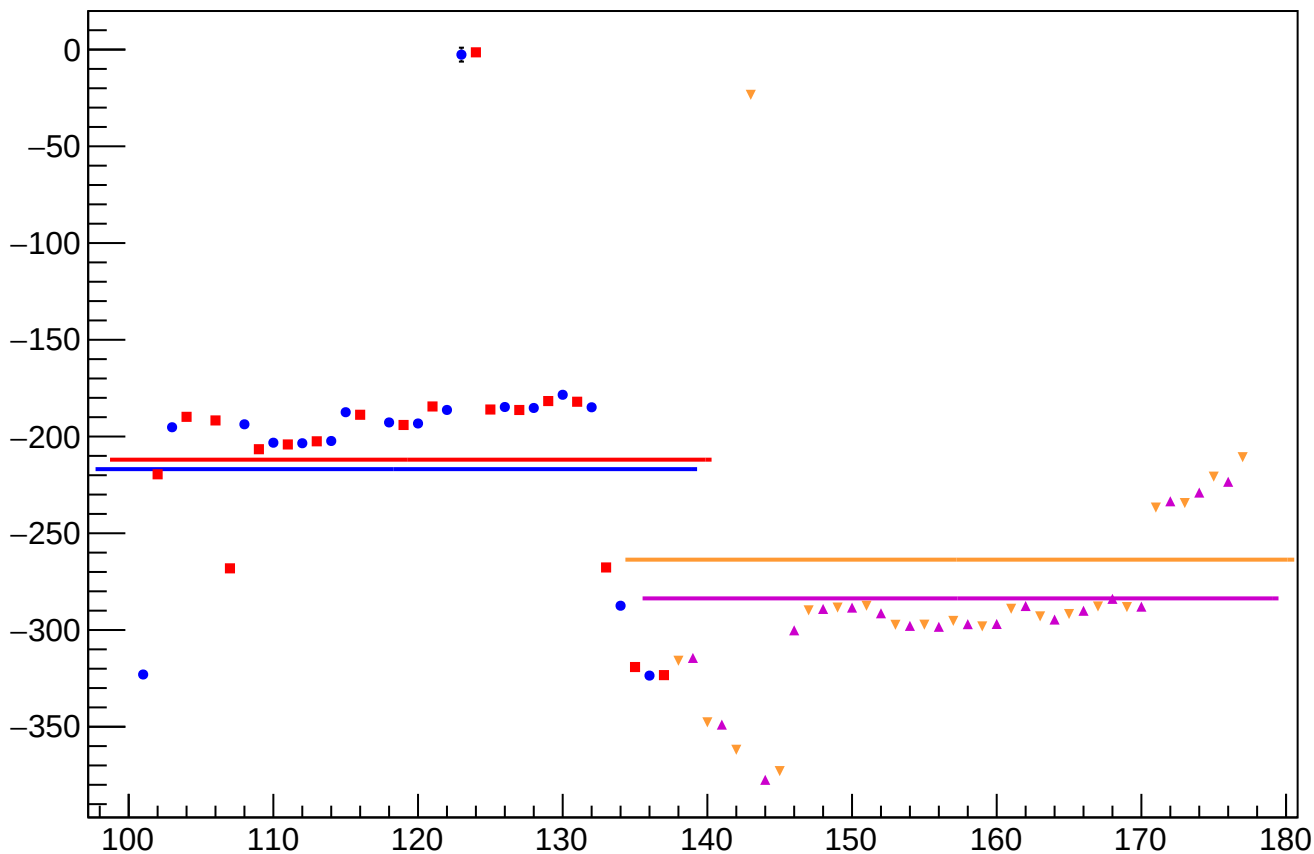
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 129.722 $\pm$ 1.493 χ^2 /NDF: 1059.0/35

Out: 121.209 $\pm$ 1.443 χ^2 /NDF: 1338.4/38

All: 125.321 $\pm$ 1.038 χ^2 /NDF: 2414.2/74

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: -263.639 ± 0.092 $\chi^2/\text{NDF}: 683921.3/20$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -283.660 ± 0.095 $\chi^2/\text{NDF}: 147805.0/18$

Left: -273.337 ± 0.066 $\chi^2/\text{NDF}: 854751.1/39$

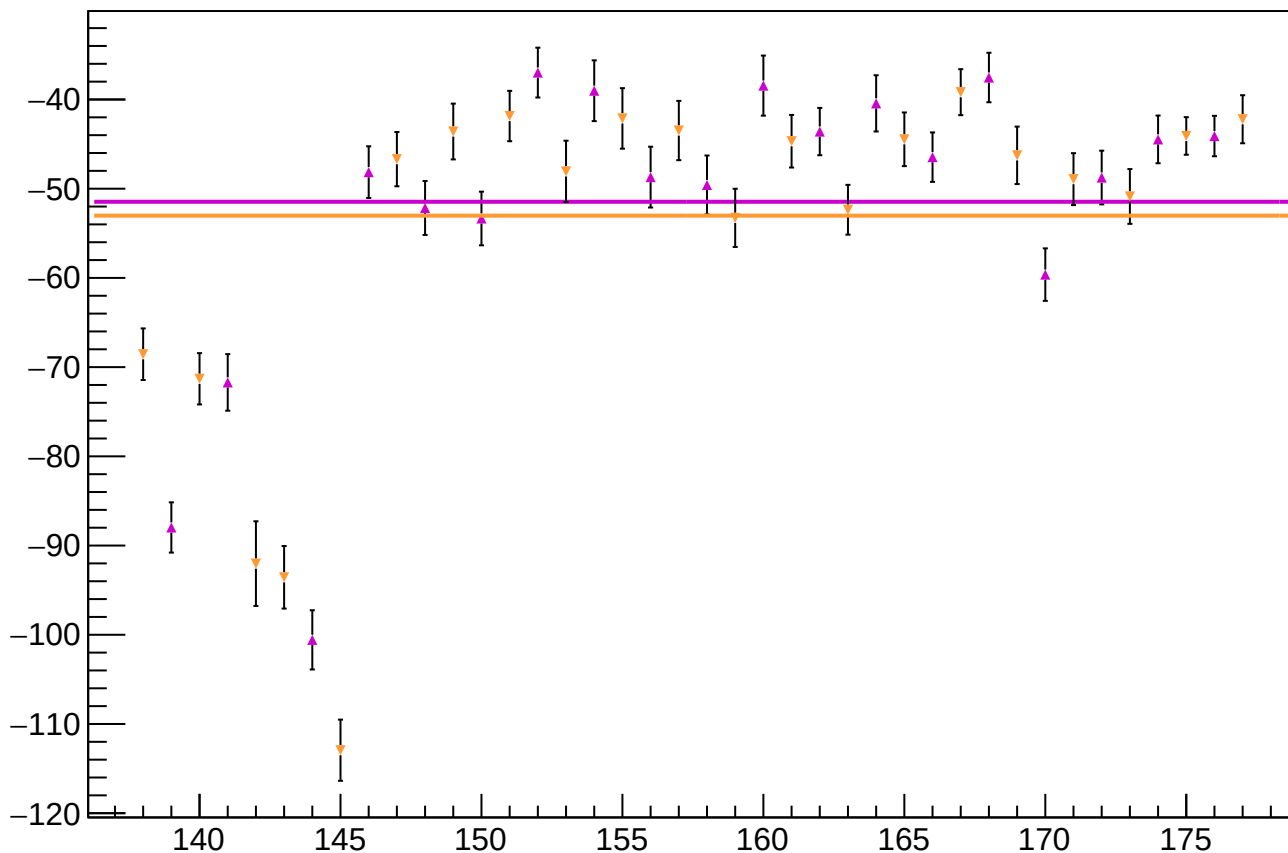
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -261.802 ± 0.078 $\chi^2/\text{NDF}: 457412.6/35$

Out: -246.551 ± 0.075 $\chi^2/\text{NDF}: 900725.2/38$

All: -253.919 ± 0.054 $\chi^2/\text{NDF}: 1378043.6/74$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.021+/-0.655 χ^2/NDF :711.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.465+/-0.674 χ^2/NDF :560.8/18

Left: -52.266+/-0.470 χ^2/NDF : 1275.2/39

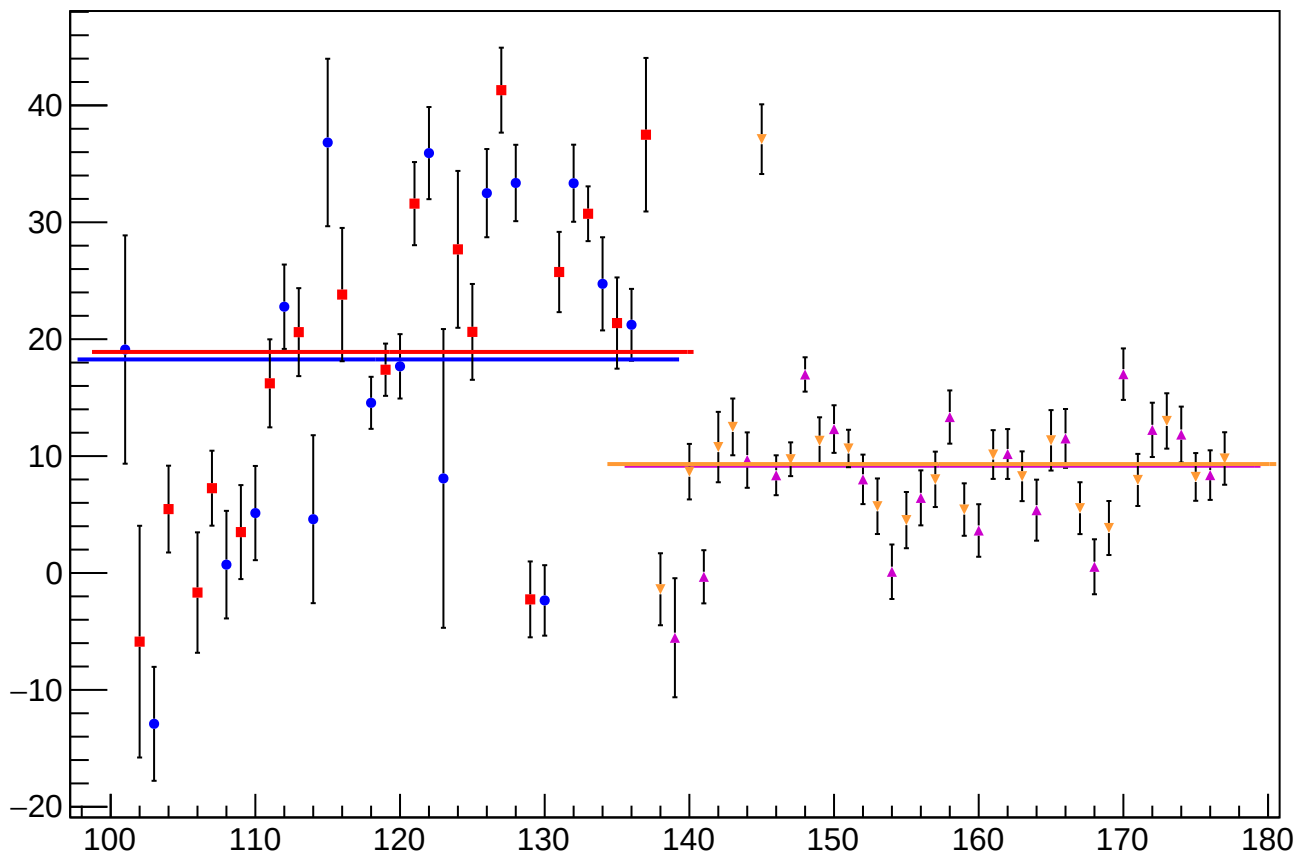
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.465+/-0.674 χ^2/NDF :560.8/18

Out: -53.021+/-0.655 χ^2/NDF :711.7/20

All: -52.266+/-0.470 χ^2/NDF : 1275.2/39

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.318 ± 0.481 χ^2/NDF : 125.0/20

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.175 ± 0.504 χ^2/NDF : 115.4/18

Left: 9.250 ± 0.348 χ^2/NDF : 240.4/39

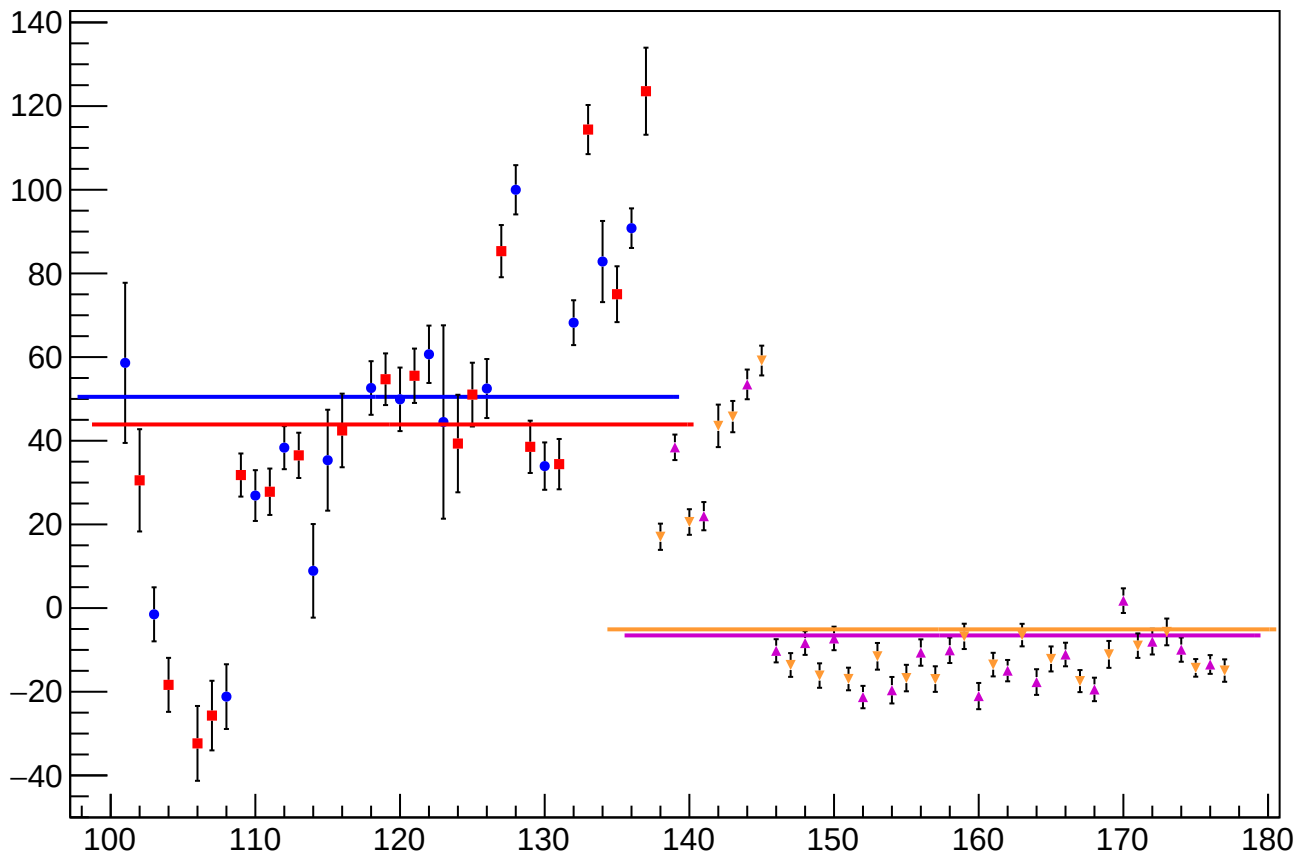
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.324 ± 0.441 χ^2/NDF : 400.5/35

Out: 11.585 ± 0.420 χ^2/NDF : 417.1/38

All: 11.461 ± 0.304 χ^2/NDF : 817.8/74

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -5.087 ± 0.648 χ^2/NDF : 872.7/20

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: -6.537 ± 0.666 χ^2/NDF : 715.6/18

Left: -5.792 ± 0.464 χ^2/NDF : 1590.7/39

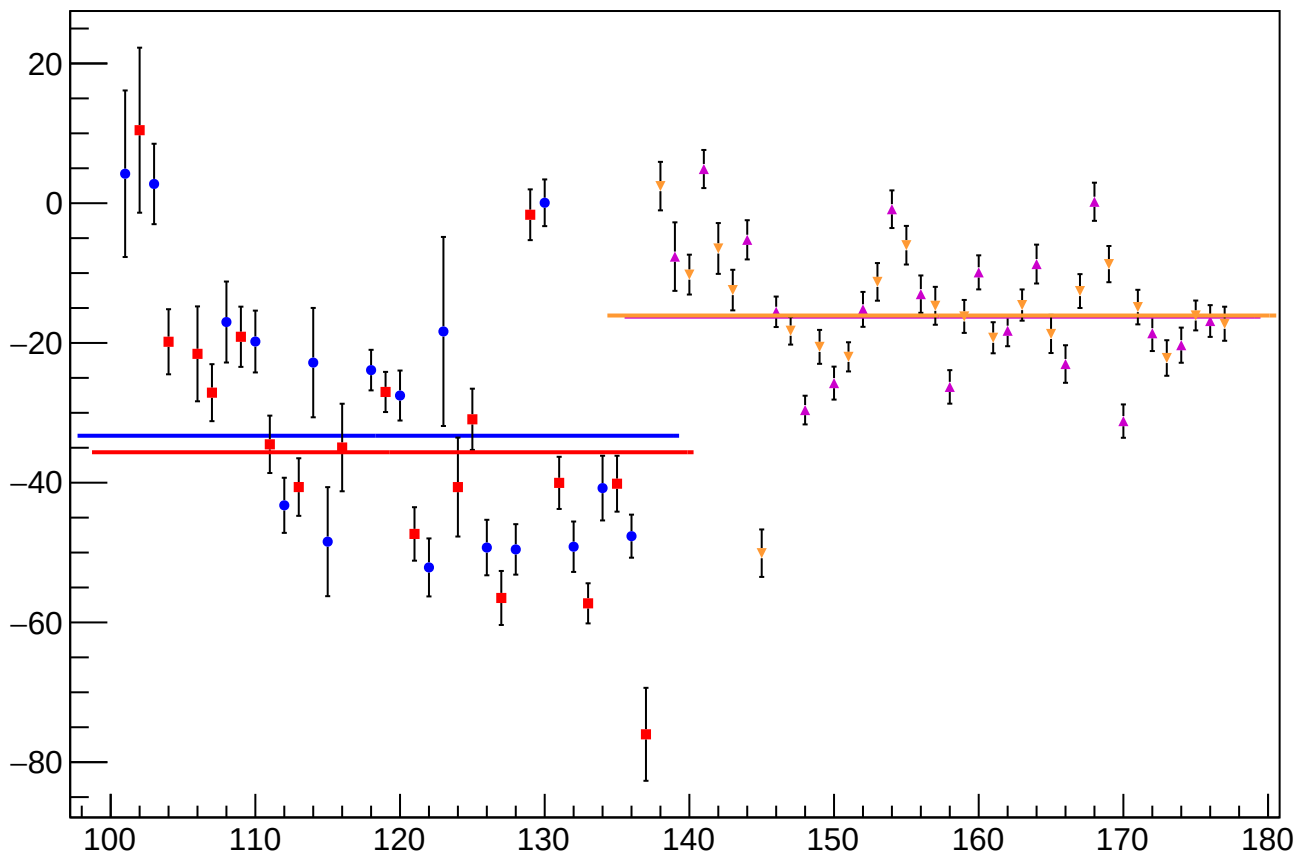
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: 1.277 ± 0.618 χ^2/NDF : 2084.3/35

Out: 1.782 ± 0.600 χ^2/NDF : 2206.5/38

All: 1.537 ± 0.431 χ^2/NDF : 4291.2/74

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.074 ± 0.552 χ^2/NDF : 190.6/20

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.238 ± 0.578 χ^2/NDF : 289.3/18

Left: -16.152 ± 0.399 χ^2/NDF : 479.9/39

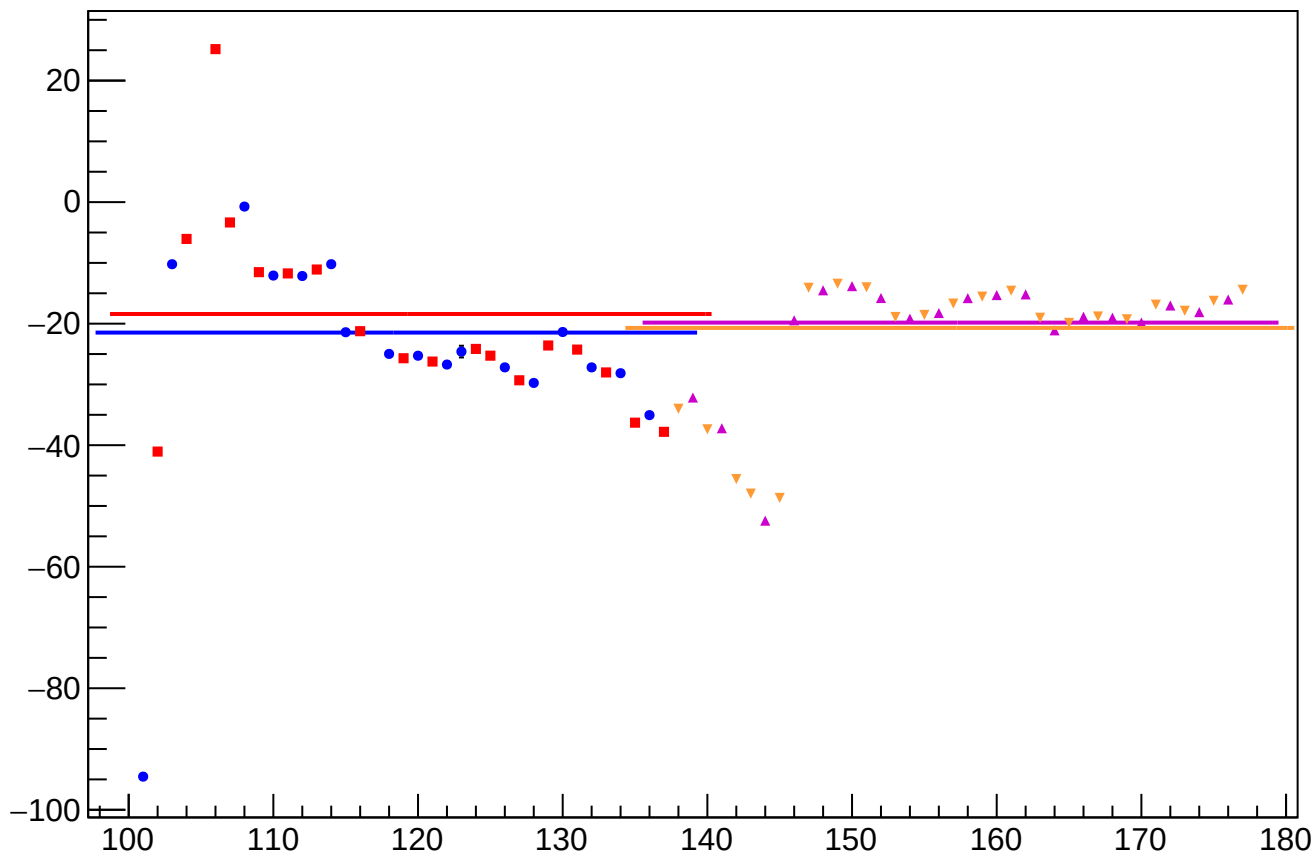
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.288 ± 0.504 χ^2/NDF : 789.0/35

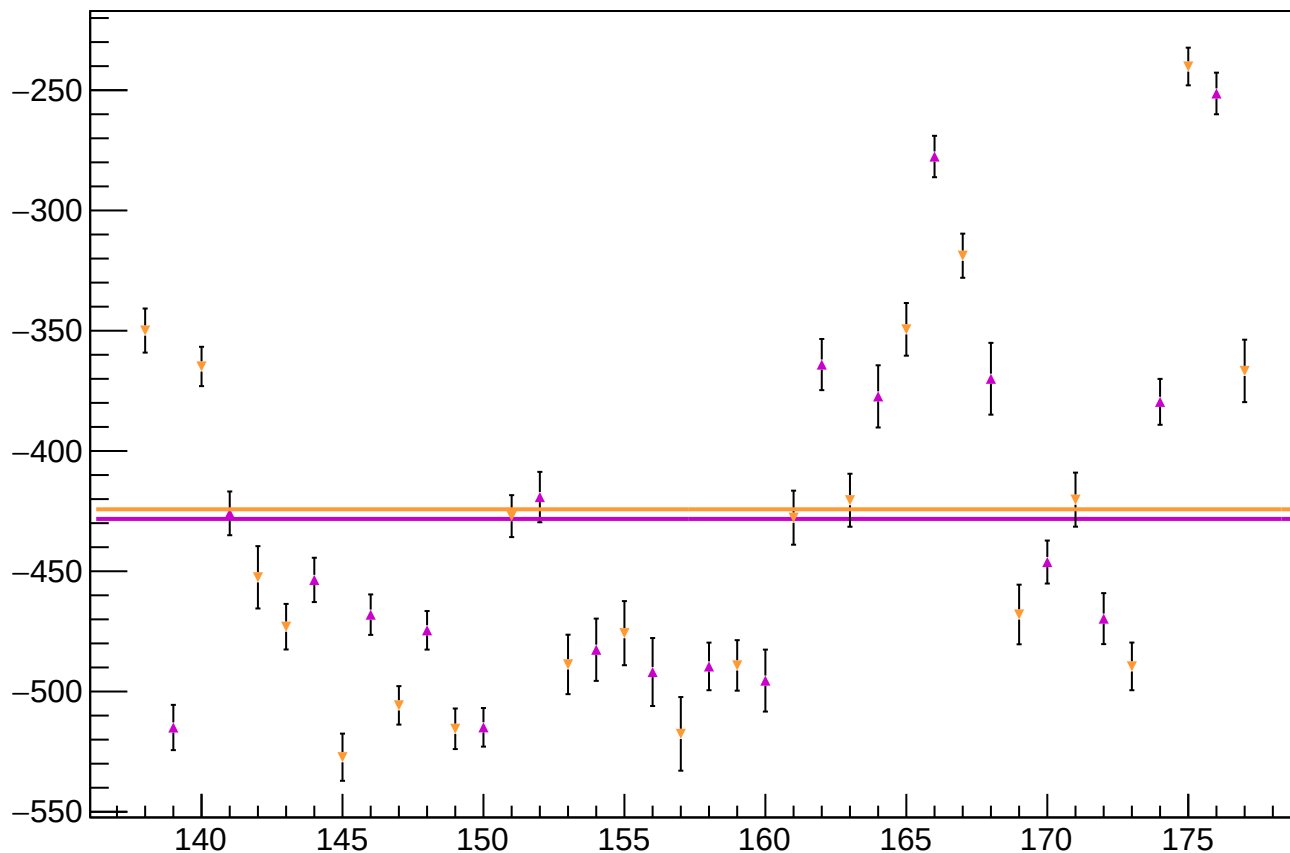
Out: -20.693 ± 0.482 χ^2/NDF : 772.1/38

All: -20.500 ± 0.349 χ^2/NDF : 1561.4/74

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -424.238 ± 2.203 $\chi^2/\text{NDF}: 1406.4/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -428.250 ± 2.263 $\chi^2/\text{NDF}: 1206.1/18$

Left: -426.190 ± 1.579 $\chi^2/\text{NDF}: 2614.1/39$

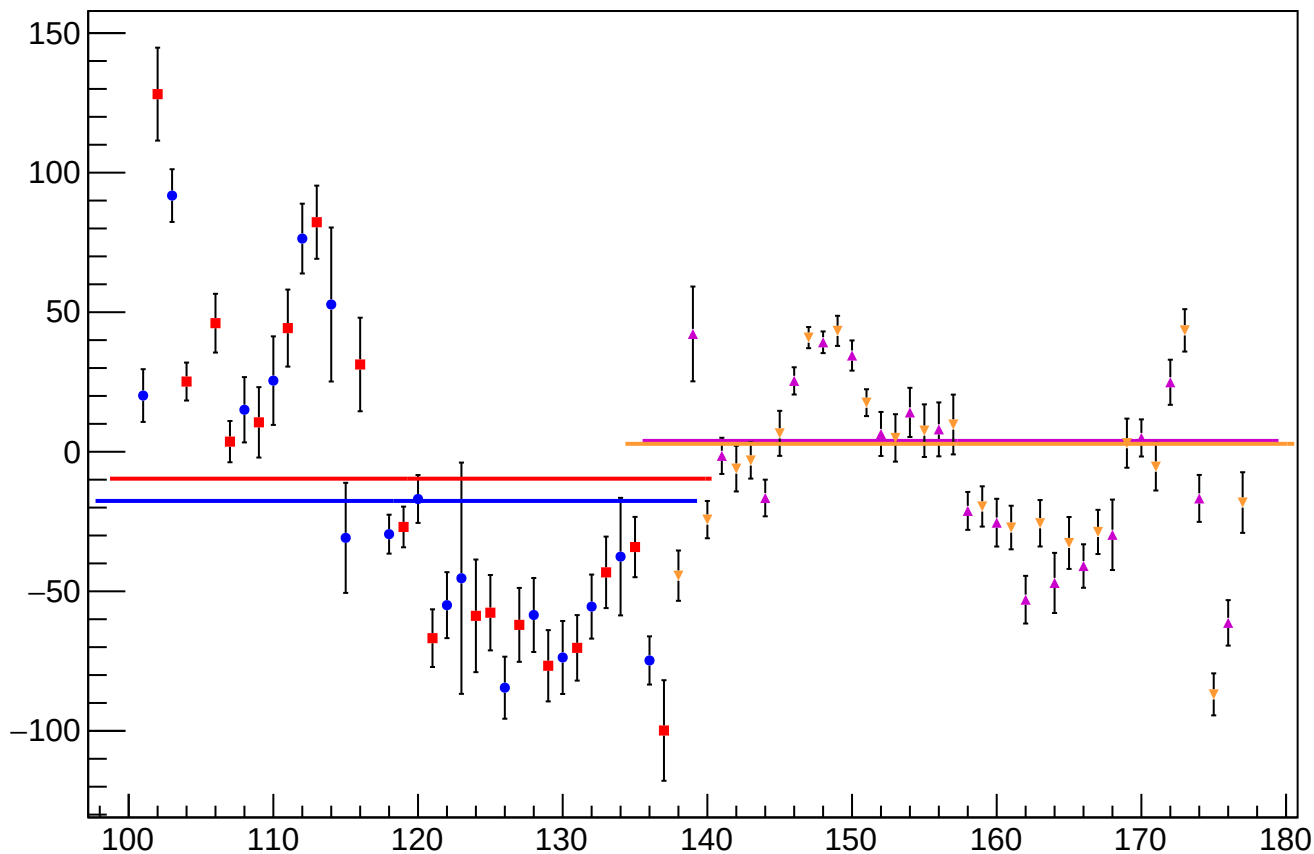
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -428.250 ± 2.263 $\chi^2/\text{NDF}: 1206.1/18$

Out: -424.238 ± 2.203 $\chi^2/\text{NDF}: 1406.4/20$

All: -426.190 ± 1.579 $\chi^2/\text{NDF}: 2614.1/39$

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 2.844 ± 1.548 χ^2/NDF : 455.7/20

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 3.889 ± 1.622 χ^2/NDF : 360.4/18

Left: 3.342 ± 1.120 χ^2/NDF : 816.2/39

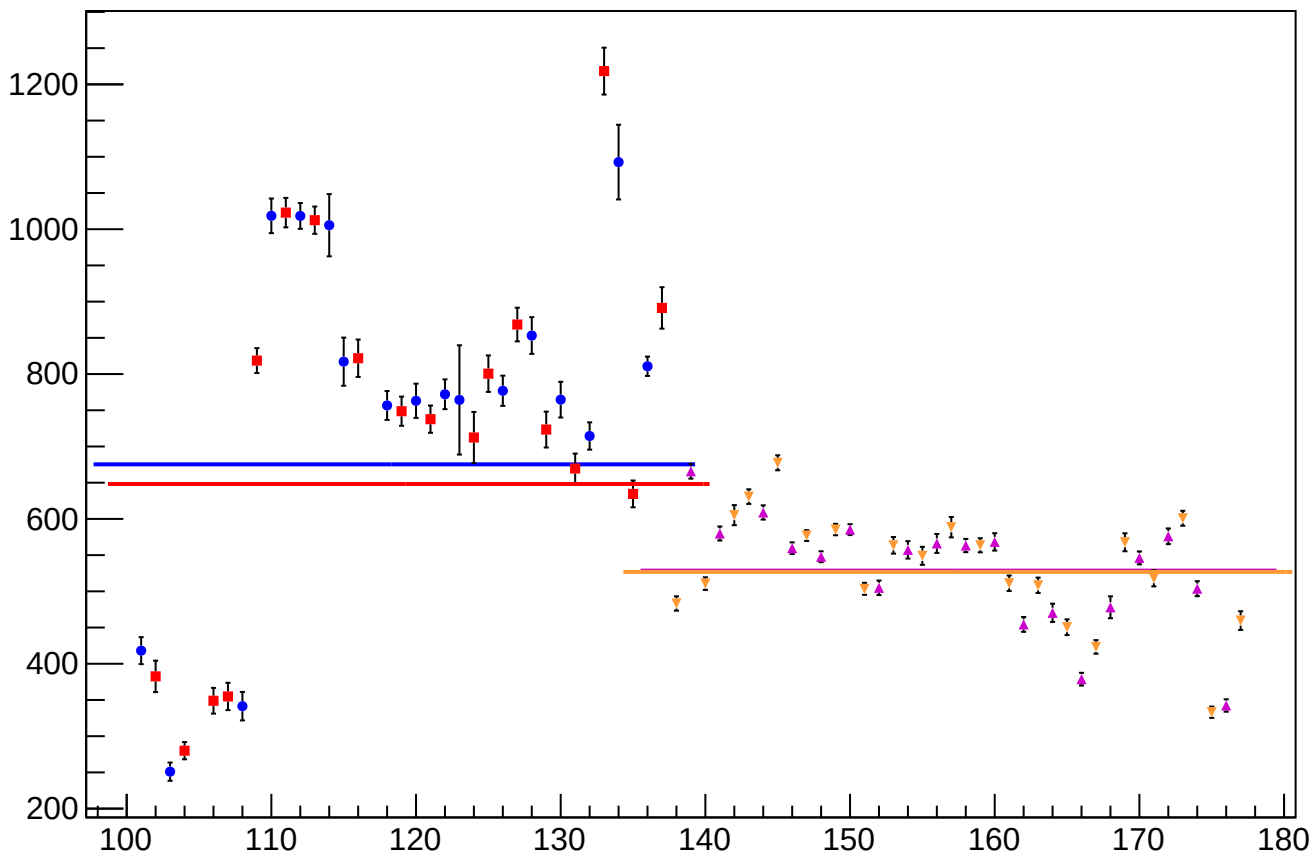
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: -1.555 ± 1.402 χ^2/NDF : 766.9/35

Out: -0.400 ± 1.332 χ^2/NDF : 833.2/38

All: -0.948 ± 0.965 χ^2/NDF : 1600.5/74

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 526.834+/-2.186 χ^2/NDF :1408.6/20

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 528.593+/-2.234 χ^2/NDF :1278.2/18

Left: 527.694+/-1.562 χ^2/NDF : 2687.1/39

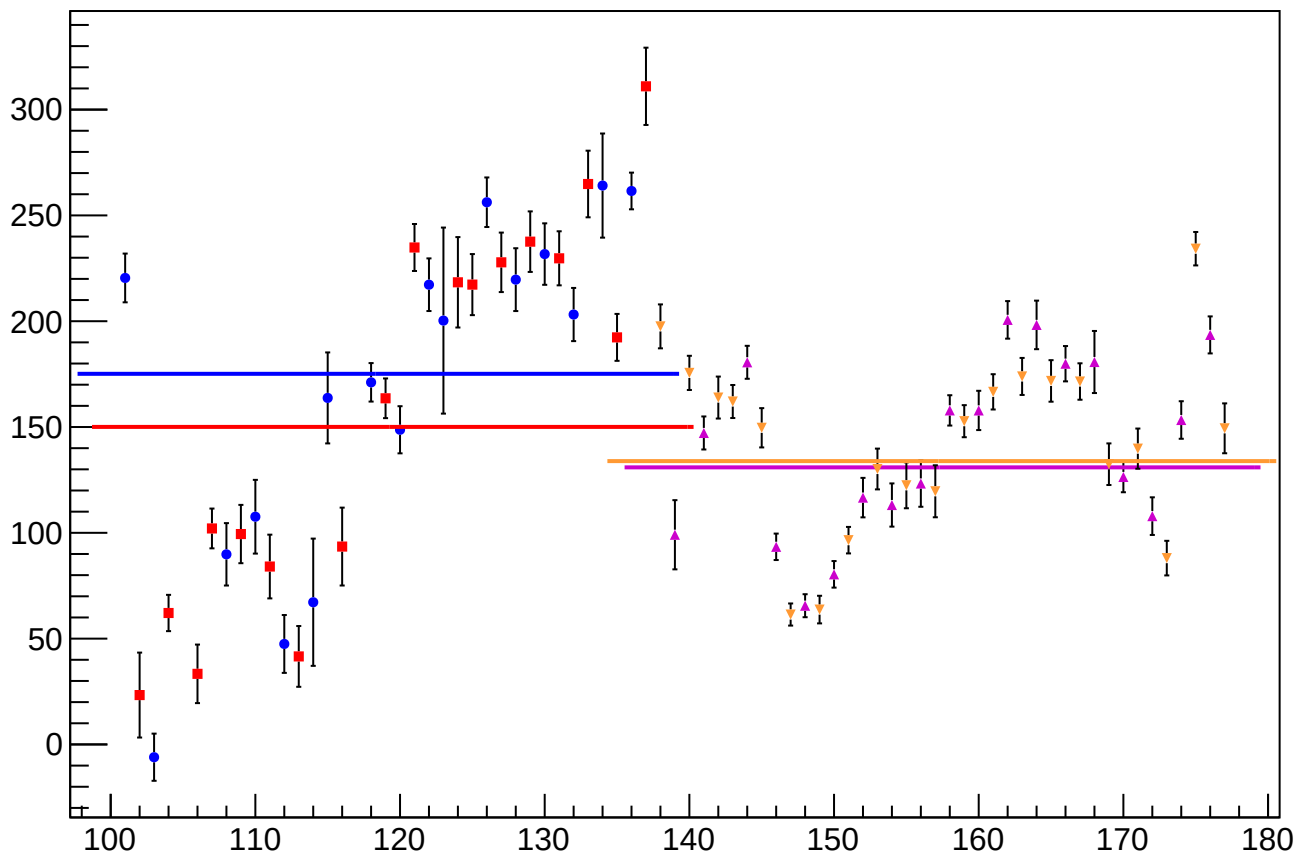
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 552.637+/-2.042 χ^2/NDF :4568.1/35

Out: 547.865+/-1.987 χ^2/NDF :5002.0/38

All: 550.186+/-1.424 χ^2/NDF : 9572.9/74

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 133.890 $\pm$ 1.818 χ^2 /NDF: 707.1/20

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 130.932 $\pm$ 1.894 χ^2 /NDF: 529.6/18

Left: 132.472 $\pm$ 1.311 χ^2 /NDF: 1238.0/39

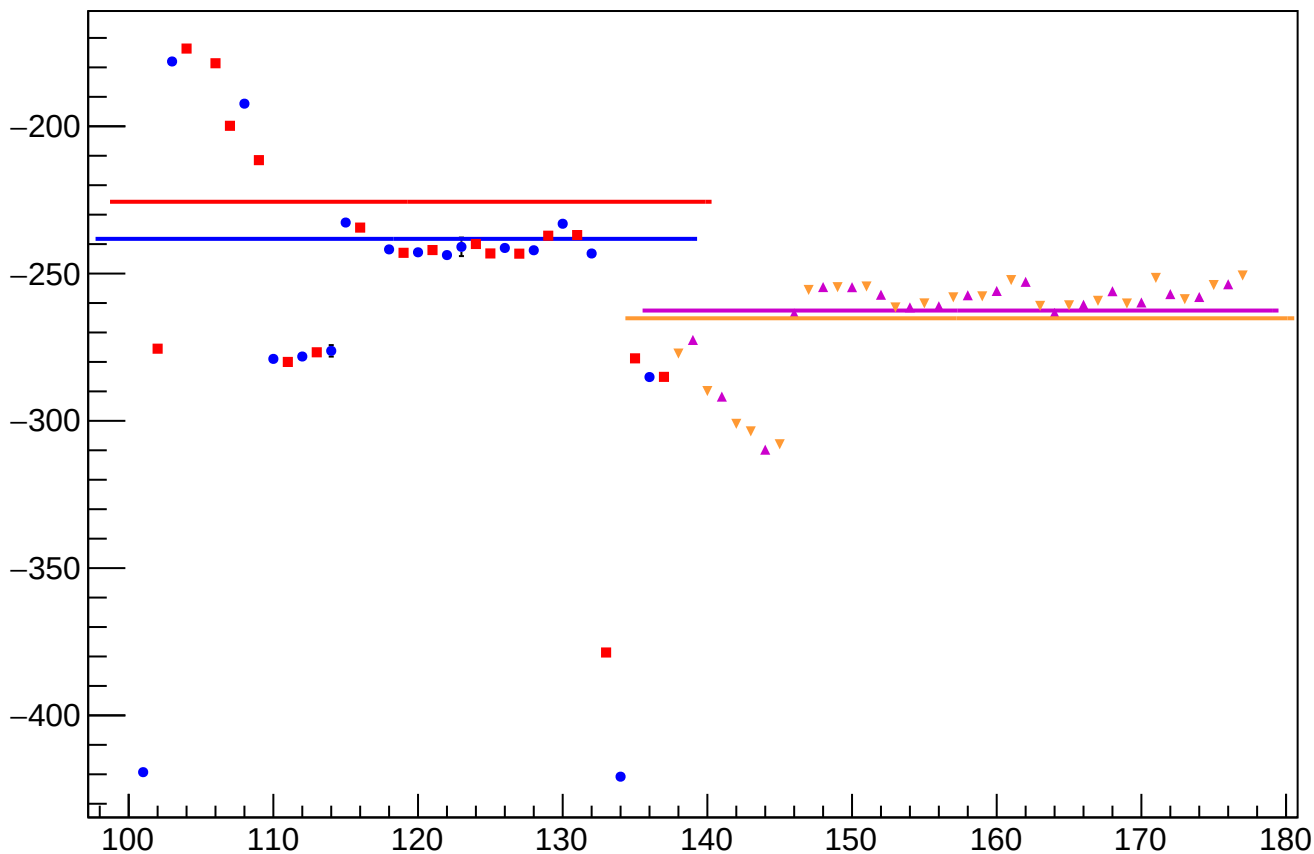
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 142.351 $\pm$ 1.631 χ^2 /NDF: 1306.0/35

Out: 138.137 $\pm$ 1.561 χ^2 /NDF: 1414.0/38

All: 140.151 $\pm$ 1.128 χ^2 /NDF: 2723.6/74

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -265.183+/-0.088 χ^2/NDF : 37414.4/20

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -262.554+/-0.089 χ^2/NDF : 21963.3/18

Left: -263.881+/-0.062 χ^2/NDF : 59820.4/39

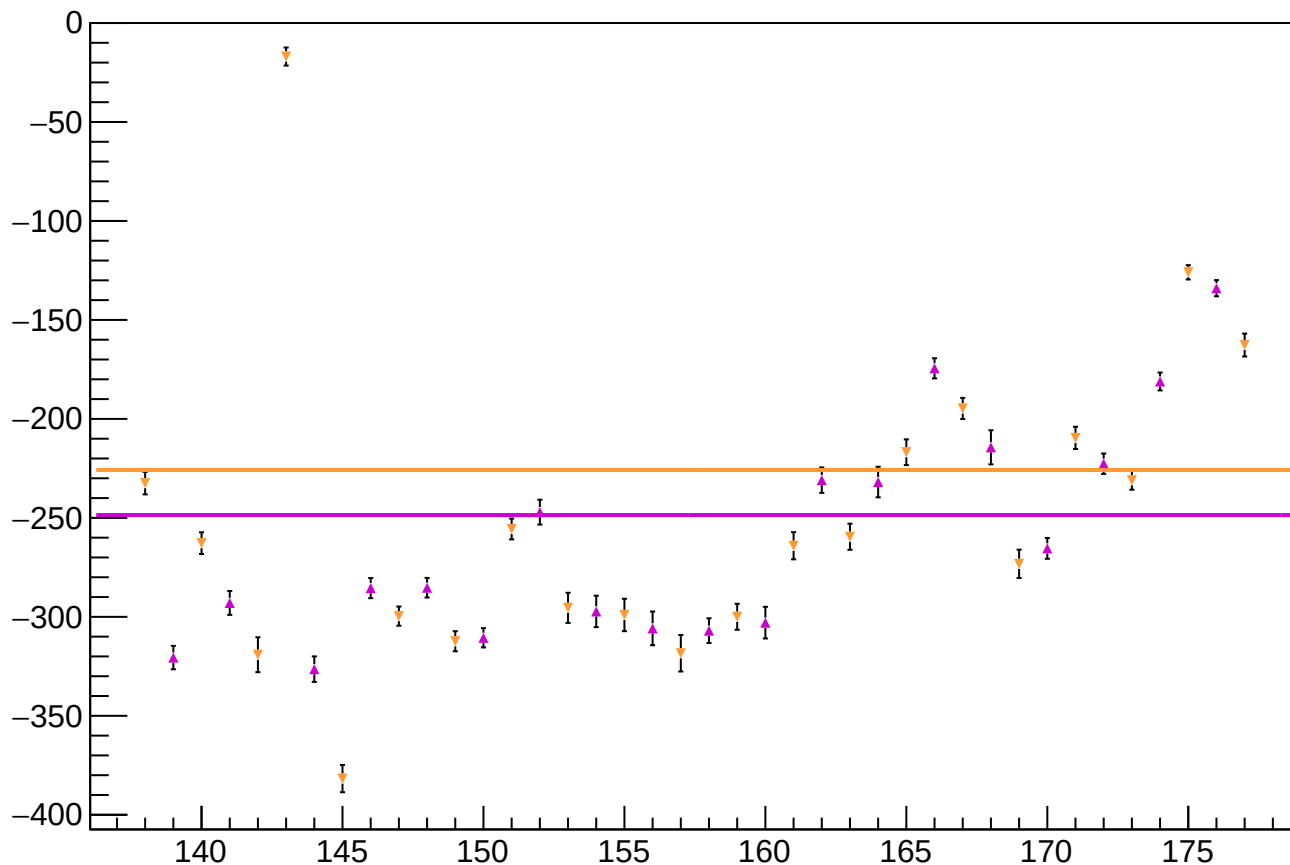
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.827+/-0.078 χ^2/NDF : 206740.1/35

Out: -255.223+/-0.076 χ^2/NDF : 183834.2/38

All: -256.008+/-0.054 χ^2/NDF : 390792.1/74

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: -225.807+/-1.255 χ^2/NDF :4738.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -248.578+/-1.321 χ^2/NDF :2119.3/18

Left: -236.615+/-0.910 χ^2/NDF : 7013.6/39

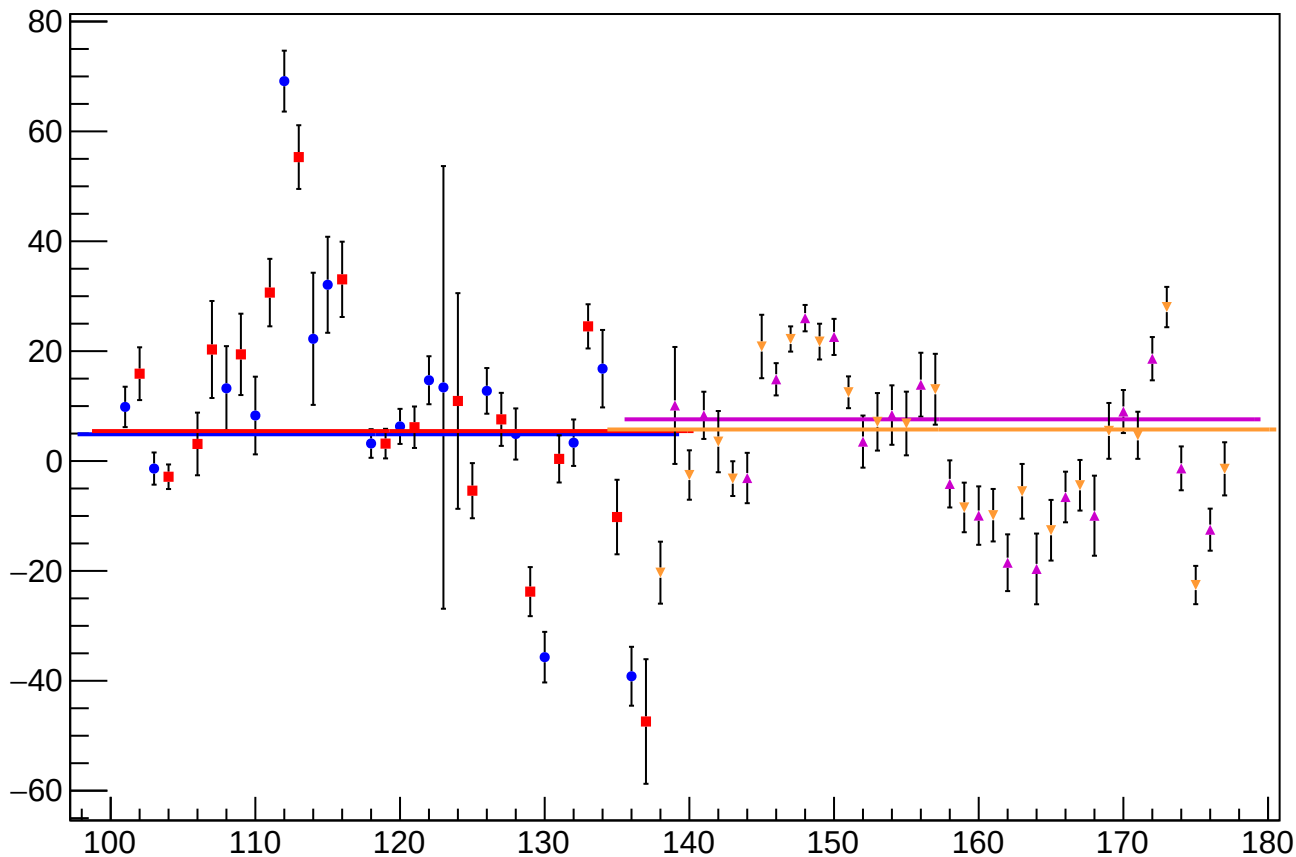
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -248.578+/-1.321 χ^2/NDF :2119.3/18

Out: -225.807+/-1.255 χ^2/NDF :4738.1/20

All: -236.615+/-0.910 χ^2/NDF : 7013.6/39

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 5.742 ± 0.897 χ^2/NDF : 268.9/20

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 7.591 ± 0.963 χ^2/NDF : 210.8/18

Left: 6.601 ± 0.656 χ^2/NDF : 481.7/39

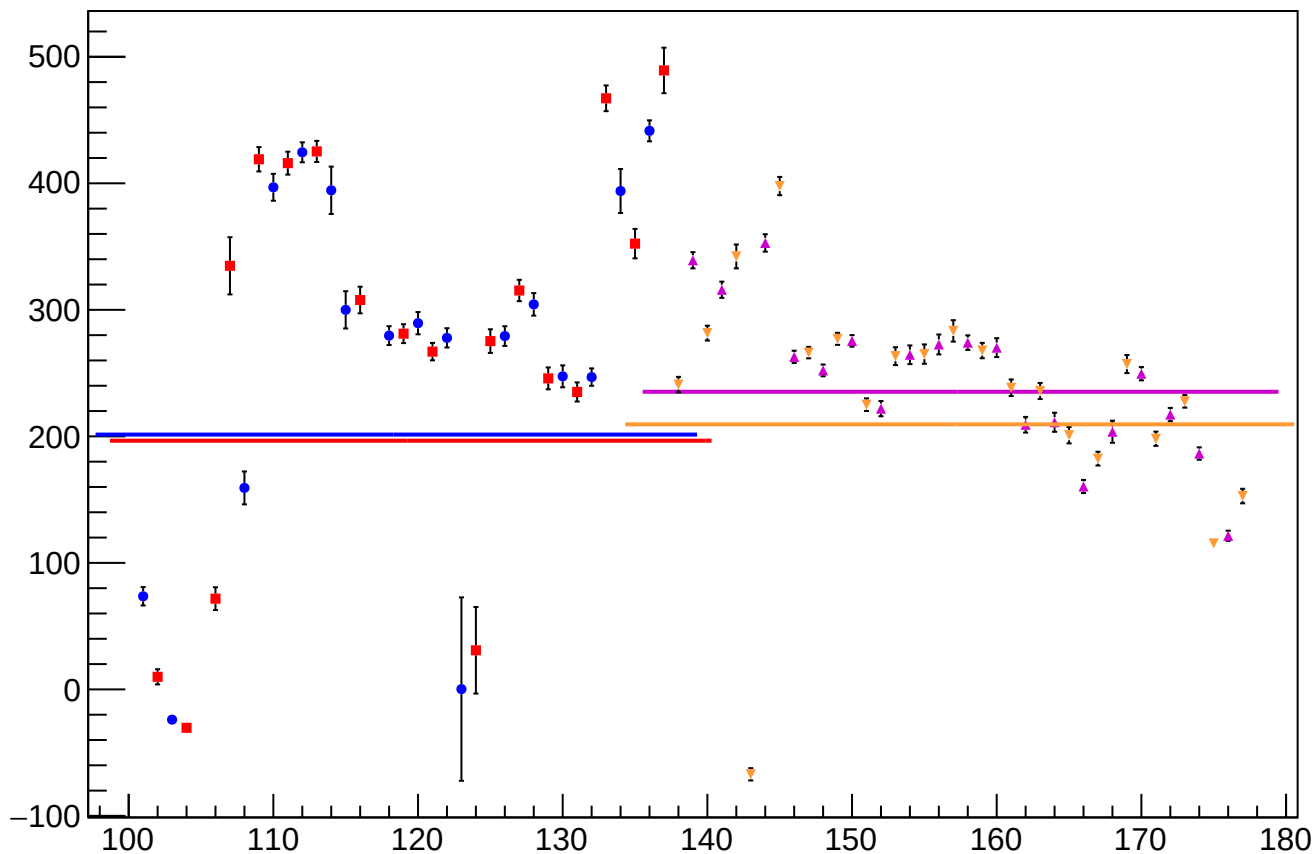
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 6.399 ± 0.722 χ^2/NDF : 525.9/35

Out: 5.621 ± 0.688 χ^2/NDF : 500.5/38

All: 5.992 ± 0.498 χ^2/NDF : 1027.0/74

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: 209.500 $\pm$ 1.248 χ^2 /NDF: 5832.5/20

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 235.242 $\pm$ 1.307 χ^2 /NDF: 2107.0/18

Left: 221.775 $\pm$ 0.902 χ^2 /NDF: 8142.5/39

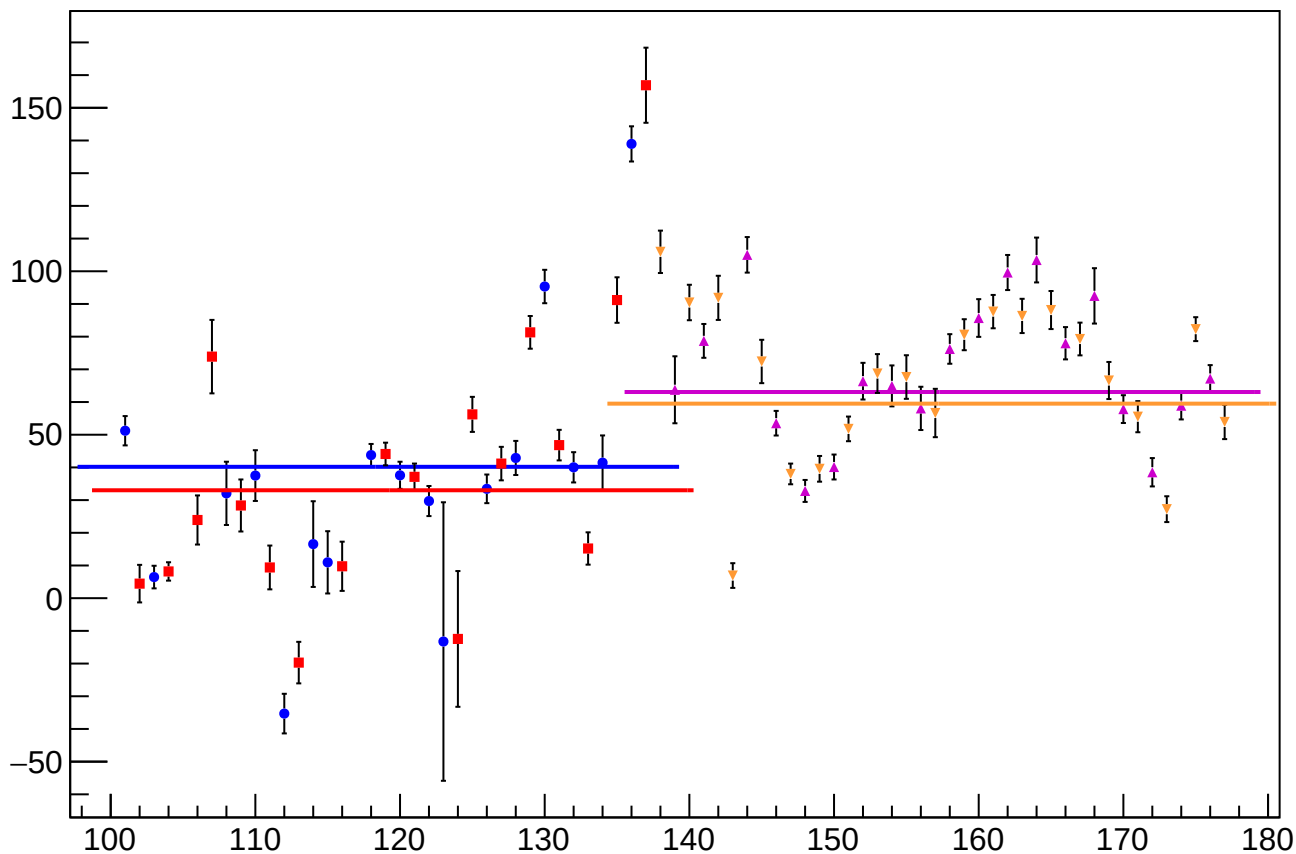
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 224.931 $\pm$ 1.090 χ^2 /NDF: 9051.7/35

Out: 205.692 $\pm$ 1.048 χ^2 /NDF: 14042.2/38

All: 214.936 $\pm$ 0.755 χ^2 /NDF: 23255.9/74

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 59.505+/-1.045 χ^2/NDF : 609.6/20

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 63.067+/-1.116 χ^2/NDF : 355.1/18

Left: 61.169+/-0.763 χ^2/NDF : 970.1/39

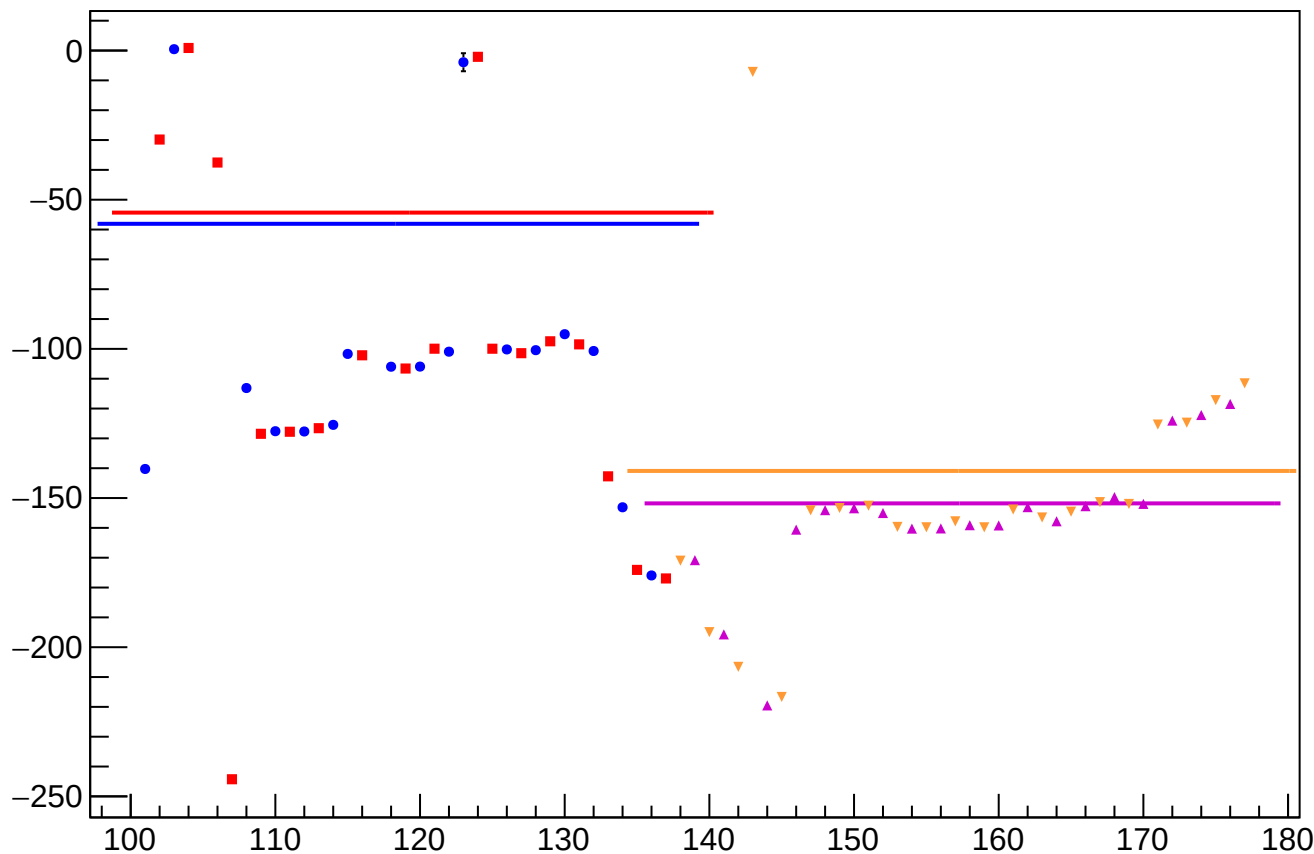
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 53.093+/-0.838 χ^2/NDF : 1272.3/35

Out: 48.632+/-0.803 χ^2/NDF : 1420.5/38

All: 50.765+/-0.580 χ^2/NDF : 2707.6/74

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -140.913 ± 0.050 $\chi^2/\text{NDF}: 723601.6/20$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -151.791 ± 0.052 $\chi^2/\text{NDF}: 174688.8/18$

Left: -146.180 ± 0.036 $\chi^2/\text{NDF}: 920970.8/39$

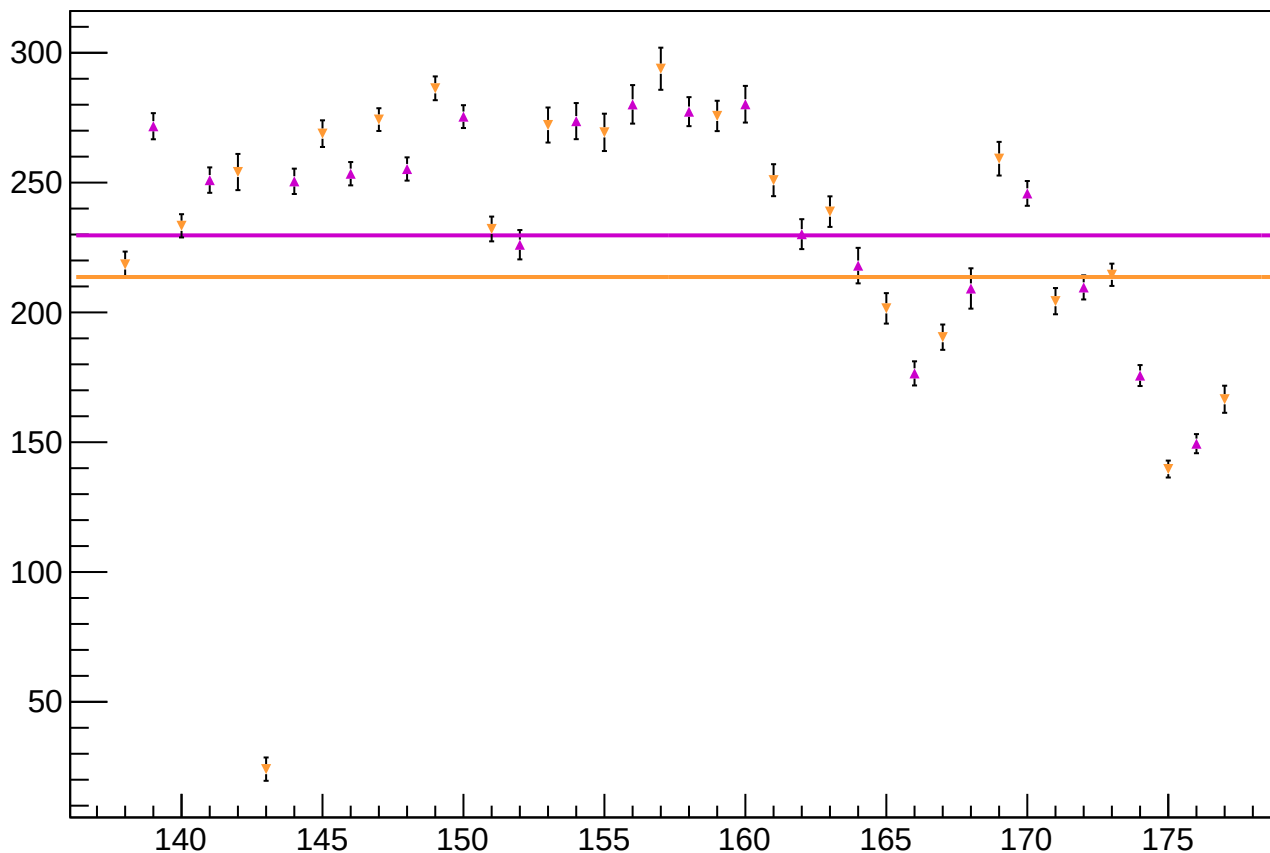
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -112.919 ± 0.040 $\chi^2/\text{NDF}: 2632660.2/35$

Out: -105.512 ± 0.039 $\chi^2/\text{NDF}: 2928091.9/38$

All: -109.117 ± 0.028 $\chi^2/\text{NDF}: 5578630.3/74$

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: 213.634+/-1.116 χ^2/NDF :3486.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.674+/-1.166 χ^2/NDF :1310.1/18

Left: 221.306+/-0.806 χ^2/NDF : 4894.9/39

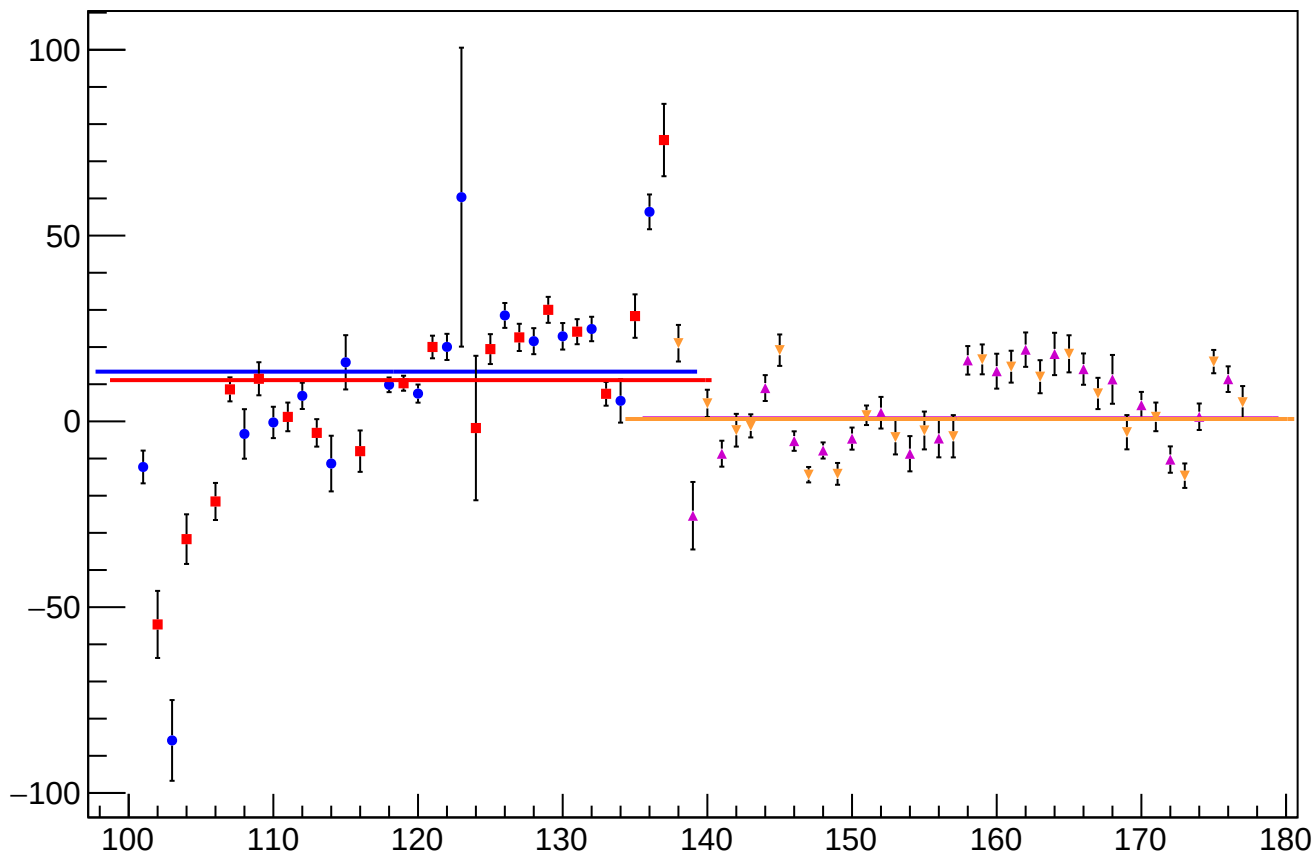
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.674+/-1.166 χ^2/NDF :1310.1/18

Out: 213.634+/-1.116 χ^2/NDF :3486.0/20

All: 221.306+/-0.806 χ^2/NDF : 4894.9/39

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: 0.644 $\pm$ 0.801 χ^2 /NDF: 213.8/20

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: 0.833 $\pm$ 0.852 χ^2 /NDF: 132.8/18

Left: 0.733 $\pm$ 0.584 χ^2 /NDF: 346.7/39

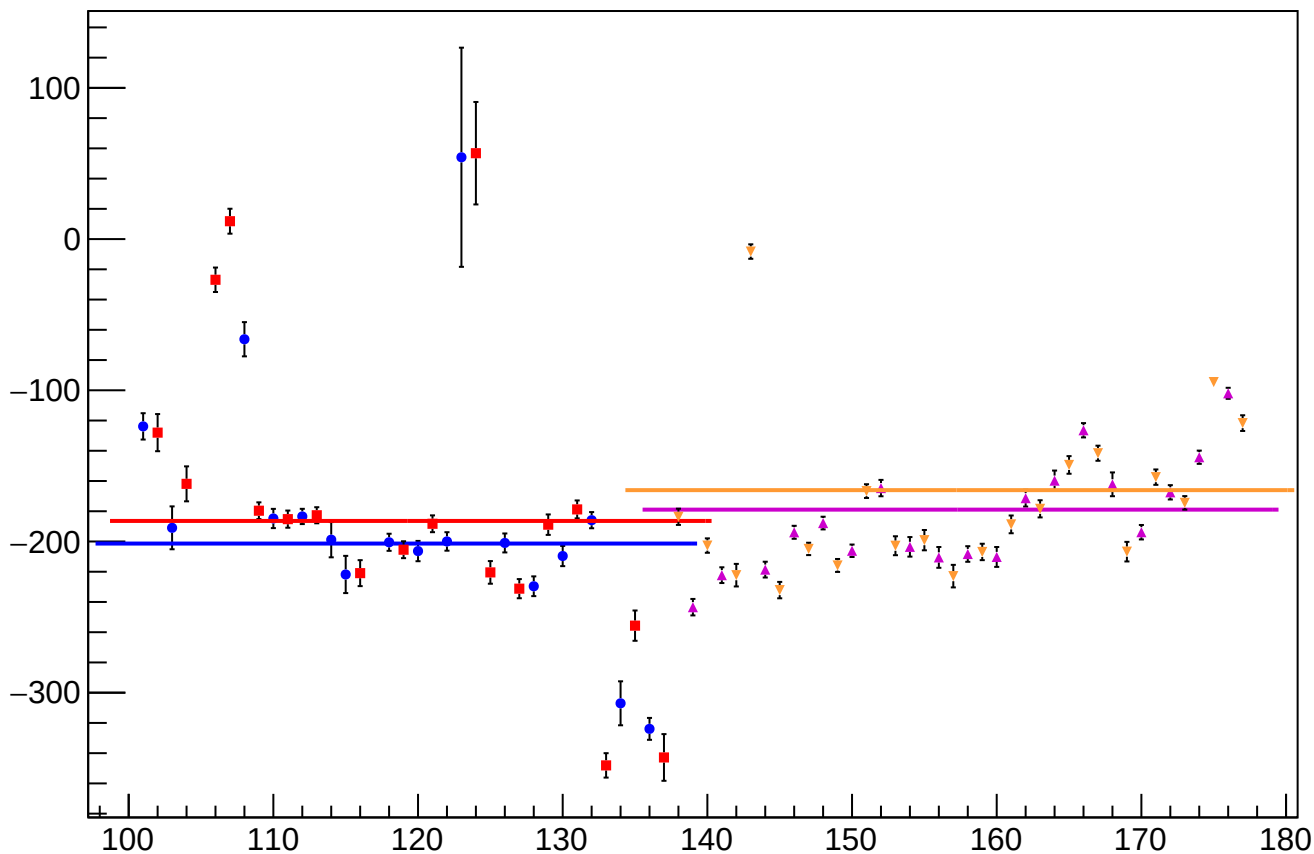
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 6.621 $\pm$ 0.626 χ^2 /NDF: 527.0/35

Out: 5.179 $\pm$ 0.603 χ^2 /NDF: 580.0/38

All: 5.873 $\pm$ 0.434 χ^2 /NDF: 1109.7/74

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: -166.042 ± 1.111 χ^2/NDF : 2412.0/20

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -178.935 ± 1.156 χ^2/NDF : 1086.1/18

Left: -172.233 ± 0.801 χ^2/NDF : 3562.8/39

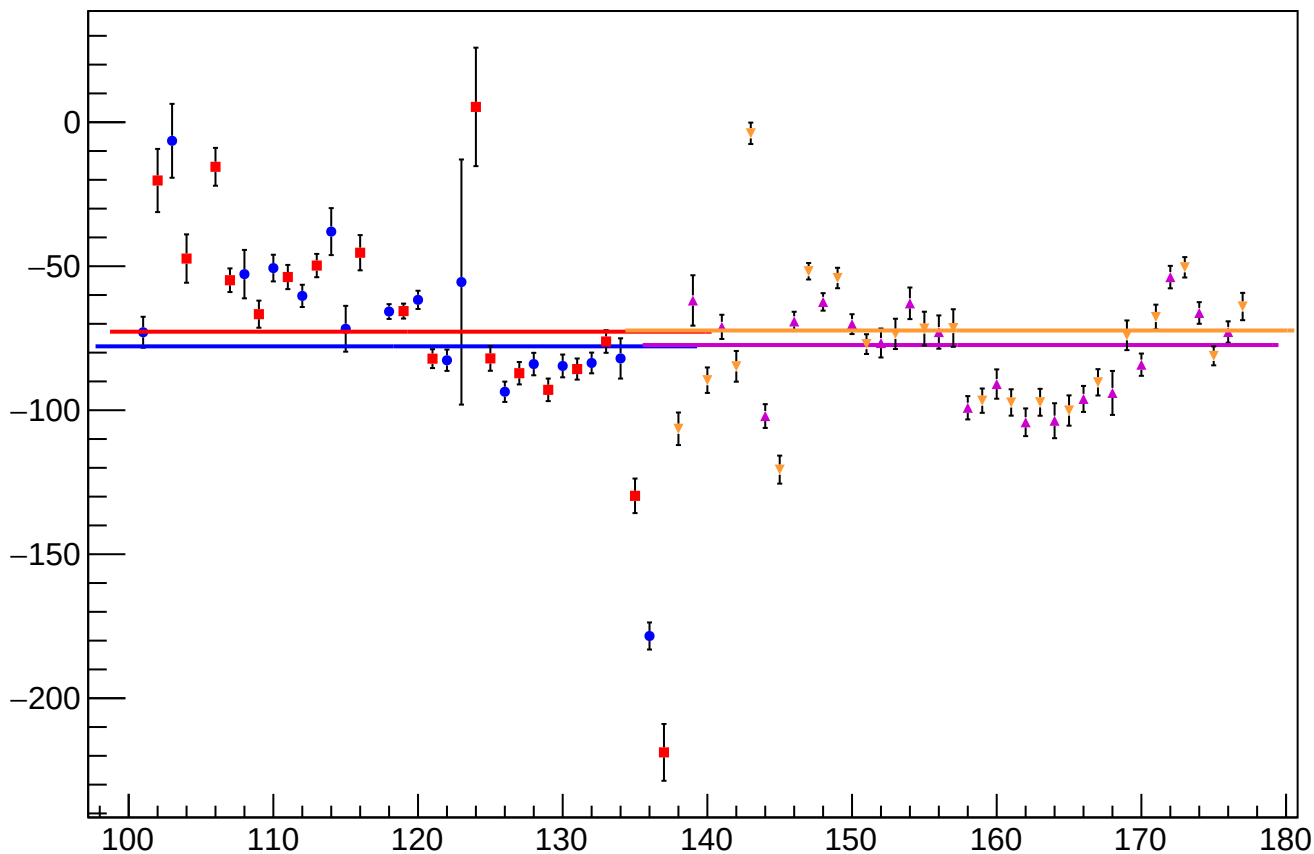
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -185.570 ± 0.970 χ^2/NDF : 1822.5/35

Out: -172.120 ± 0.931 χ^2/NDF : 4211.8/38

All: -178.566 ± 0.672 χ^2/NDF : 6134.4/74

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -72.311 ± 0.933 χ^2/NDF : 759.4/20

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.361 ± 0.988 χ^2/NDF : 241.1/18

Left: -74.691 ± 0.678 χ^2/NDF : 1014.3/39

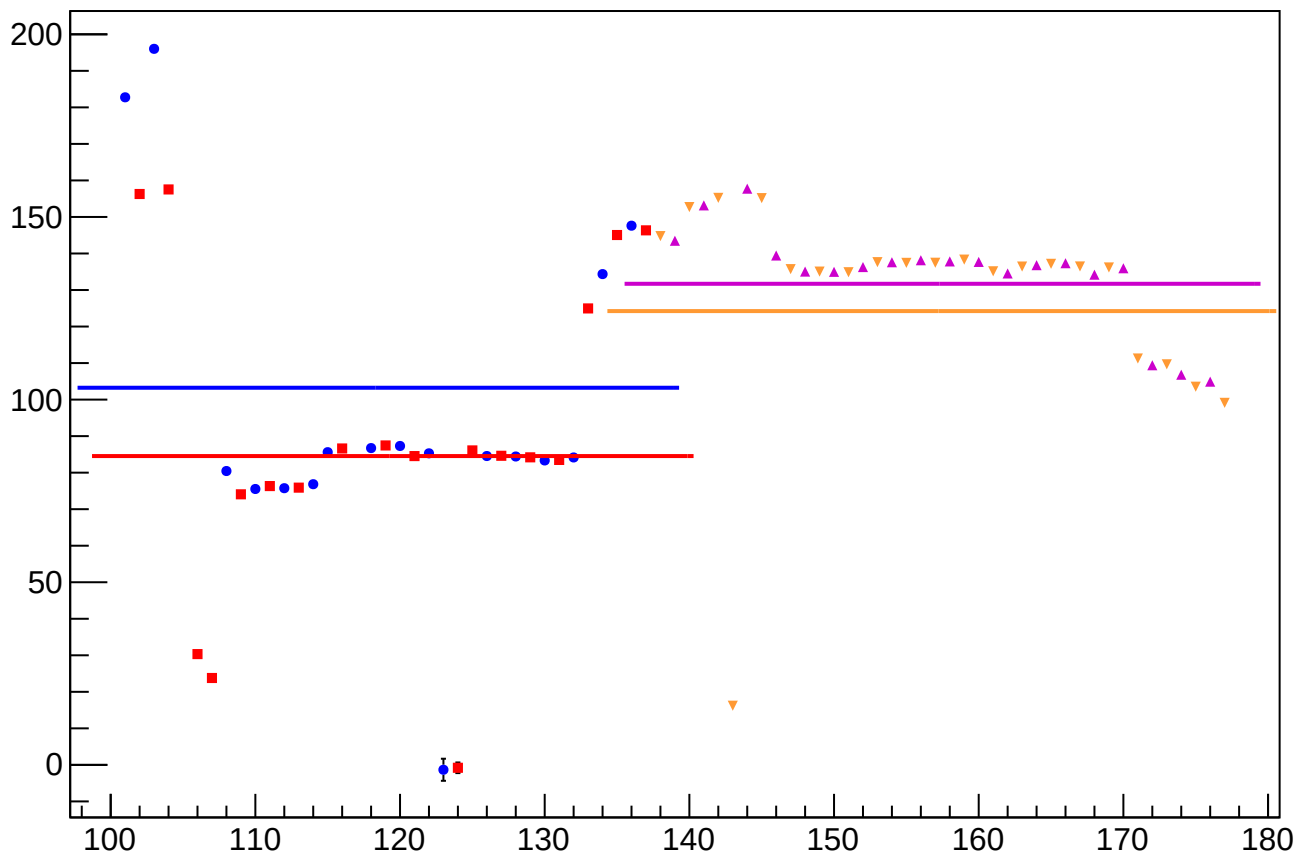
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.572 ± 0.725 χ^2/NDF : 897.5/35

Out: -72.497 ± 0.698 χ^2/NDF : 1358.4/38

All: -74.939 ± 0.503 χ^2/NDF : 2281.4/74

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247+/-0.070 χ^2/NDF : 273390.3/16

Left Out: 124.230+/-0.045 χ^2/NDF : 460169.3/20

Right Out: 84.542+/-0.064 χ^2/NDF : 411395.0/17

Left In: 131.706+/-0.046 χ^2/NDF : 102979.5/18

Left: 127.872+/-0.032 χ^2/NDF : 576761.5/39

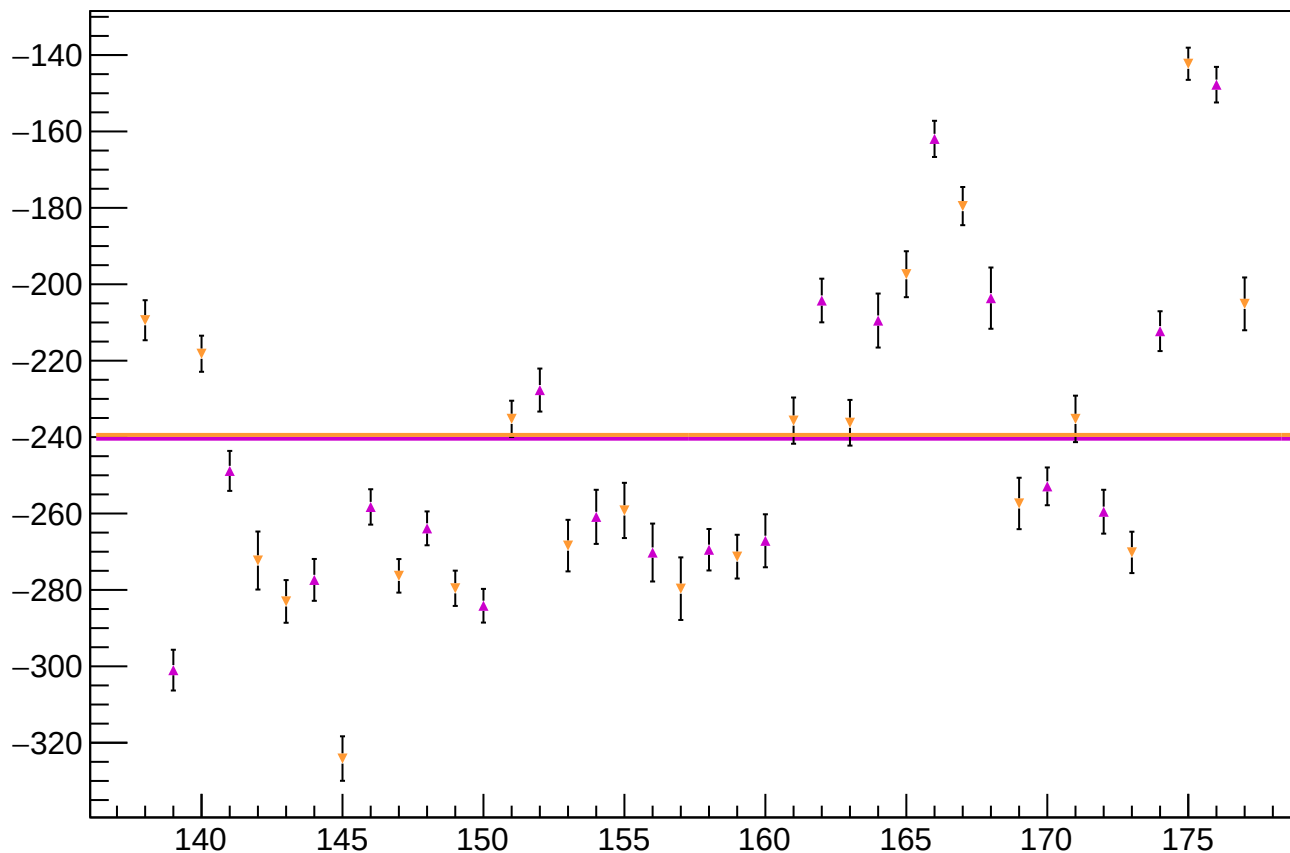
Right: 92.986+/-0.047 χ^2/NDF : 723450.6/34

In: 123.231+/-0.038 χ^2/NDF : 490928.6/35

Out: 111.185+/-0.037 χ^2/NDF : 1130418.4/38

All: 116.919+/-0.027 χ^2/NDF : 1672791.9/74

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: -239.430+/-1.219 χ^2/NDF :1362.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -240.414+/-1.248 χ^2/NDF :1187.9/18

Left: -239.910+/-0.872 χ^2/NDF : 2550.1/39

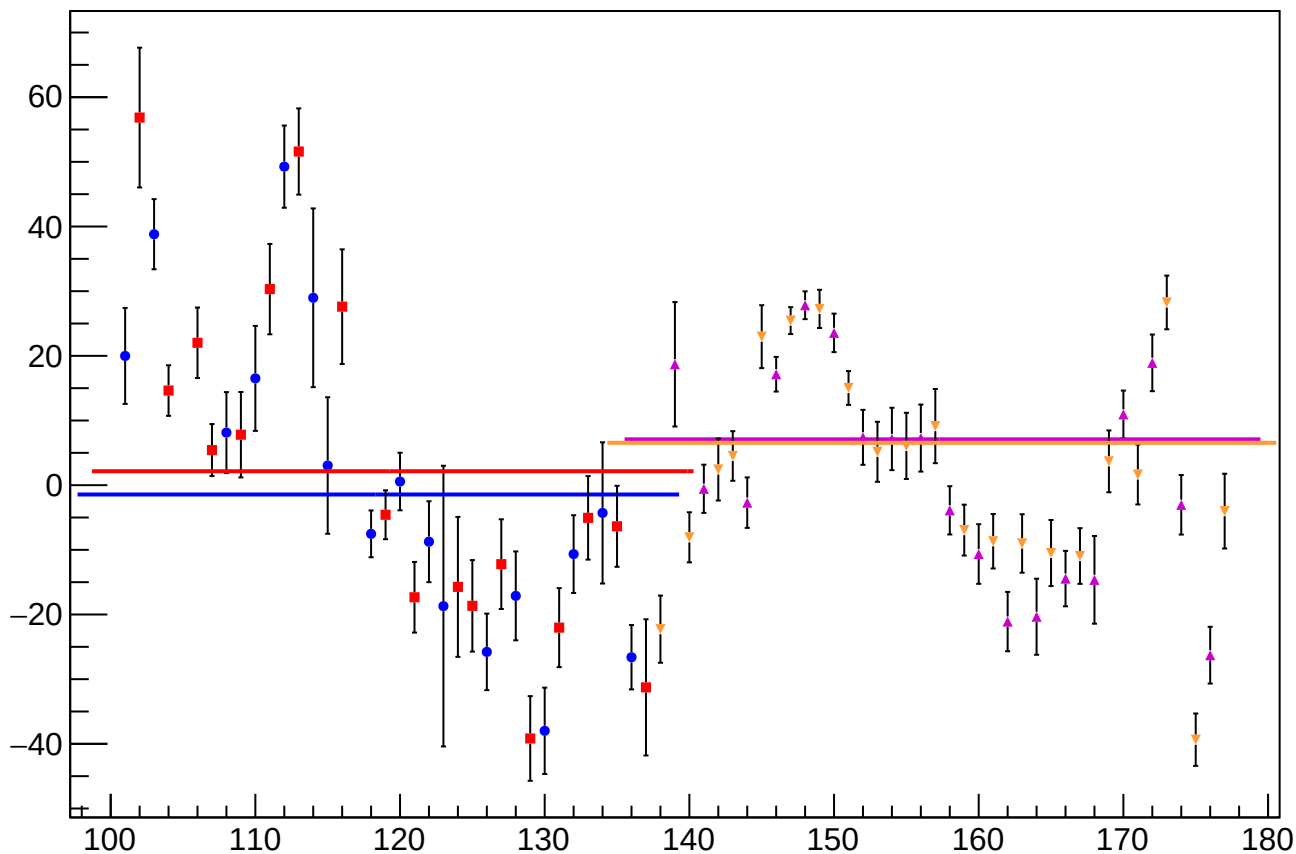
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.414+/-1.248 χ^2/NDF :1187.9/18

Out: -239.430+/-1.219 χ^2/NDF :1362.0/20

All: -239.910+/-0.872 χ^2/NDF : 2550.1/39

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: 6.555 ± 0.856 $\chi^2/\text{NDF}: 424.8/20$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 7.089 ± 0.895 $\chi^2/\text{NDF}: 339.4/18$

Left: 6.810 ± 0.618 $\chi^2/\text{NDF}: 764.3/39$

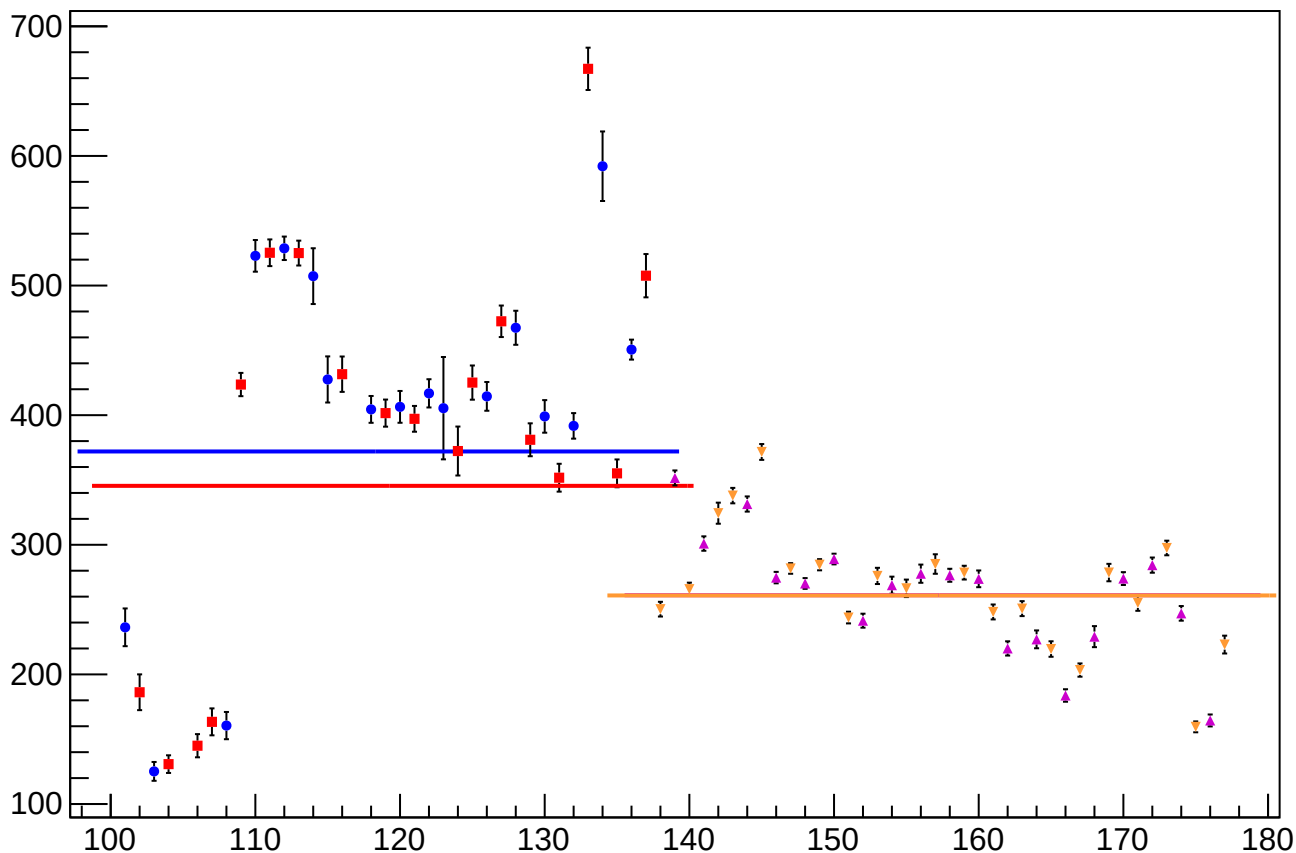
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 4.886 ± 0.770 $\chi^2/\text{NDF}: 587.3/35$

Out: 5.360 ± 0.730 $\chi^2/\text{NDF}: 662.1/38$

All: 5.136 ± 0.530 $\chi^2/\text{NDF}: 1249.6/74$

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: 260.911 $\pm$ 1.206 χ^2 /NDF:1503.3/20

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 261.087 $\pm$ 1.230 χ^2 /NDF:1355.3/18

Left: 260.997 $\pm$ 0.861 χ^2 /NDF: 2858.7/39

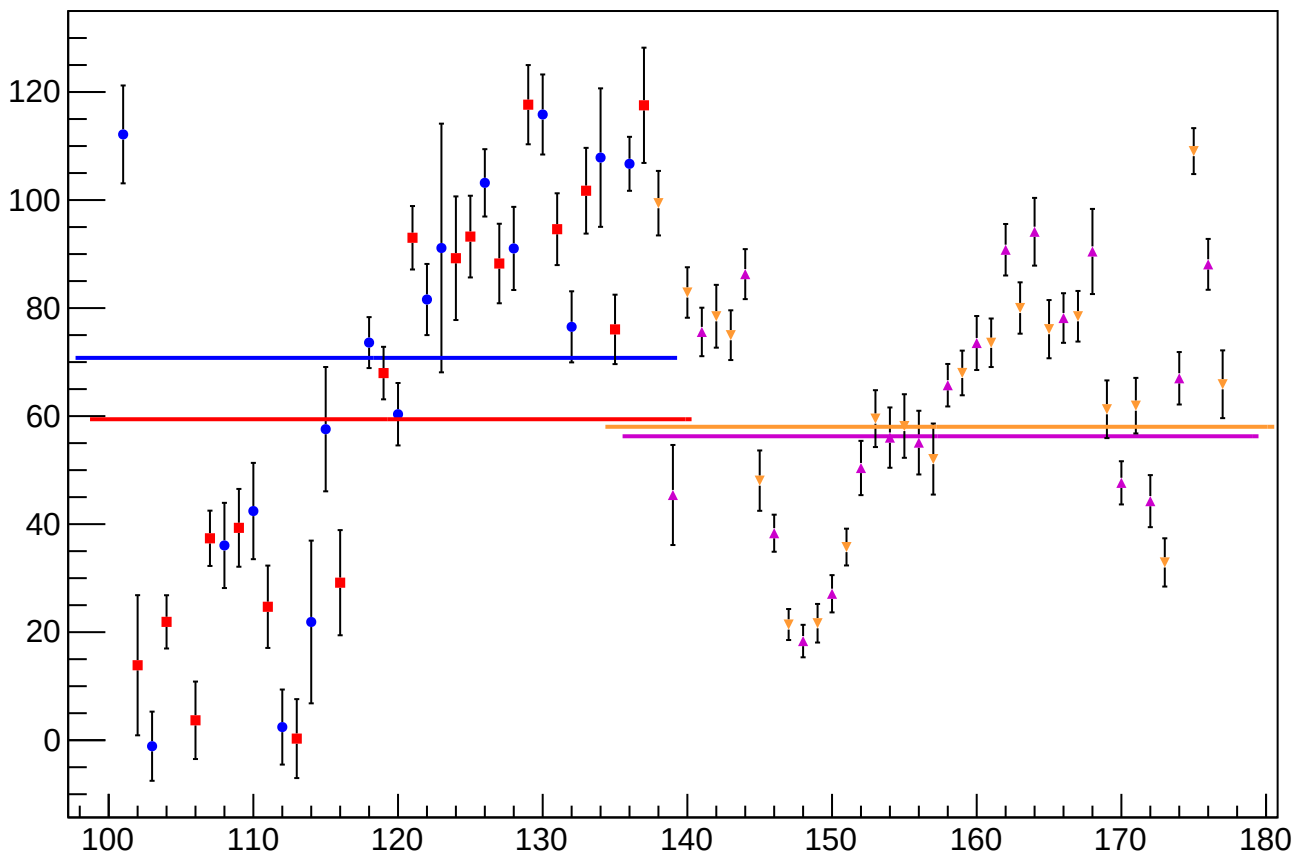
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 279.403 $\pm$ 1.124 χ^2 /NDF:5130.1/35

Out: 276.225 $\pm$ 1.091 χ^2 /NDF:5795.4/38

All: 277.768 $\pm$ 0.783 χ^2 /NDF: 10929.7/74

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: 58.025 $\pm$ 1.004 χ^2 /NDF:663.1/20

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 56.268 $\pm$ 1.043 χ^2 /NDF:530.7/18

Left: 57.180 $\pm$ 0.723 χ^2 /NDF: 1195.3/39

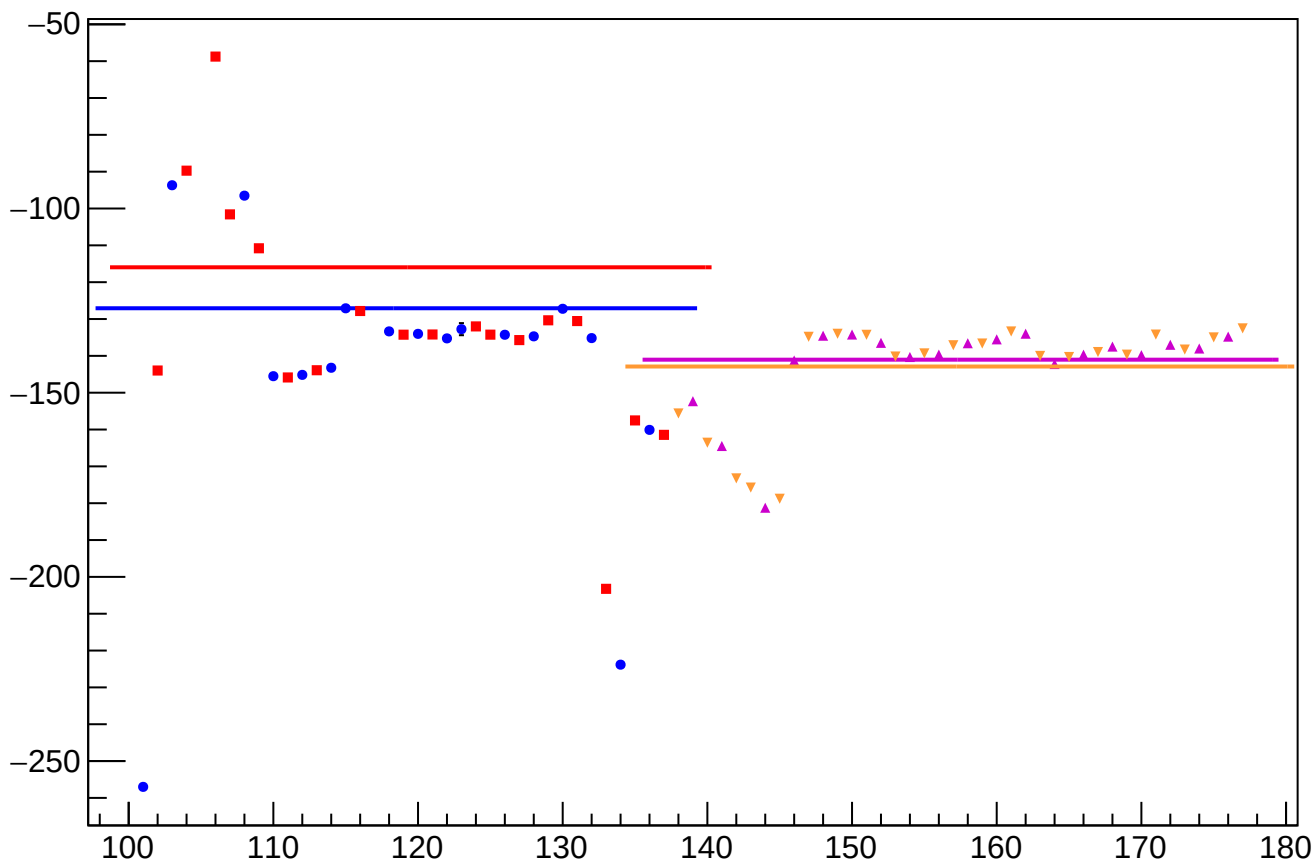
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 60.085 $\pm$ 0.896 χ^2 /NDF:1005.5/35

Out: 58.408 $\pm$ 0.855 χ^2 /NDF:1150.2/38

All: 59.207 $\pm$ 0.618 χ^2 /NDF: 2157.6/74

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: -142.892+/-0.048 χ^2/NDF : 77234.5/20

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -141.039+/-0.049 χ^2/NDF : 45733.9/18

Left: -141.973+/-0.034 χ^2/NDF : 123693.9/39

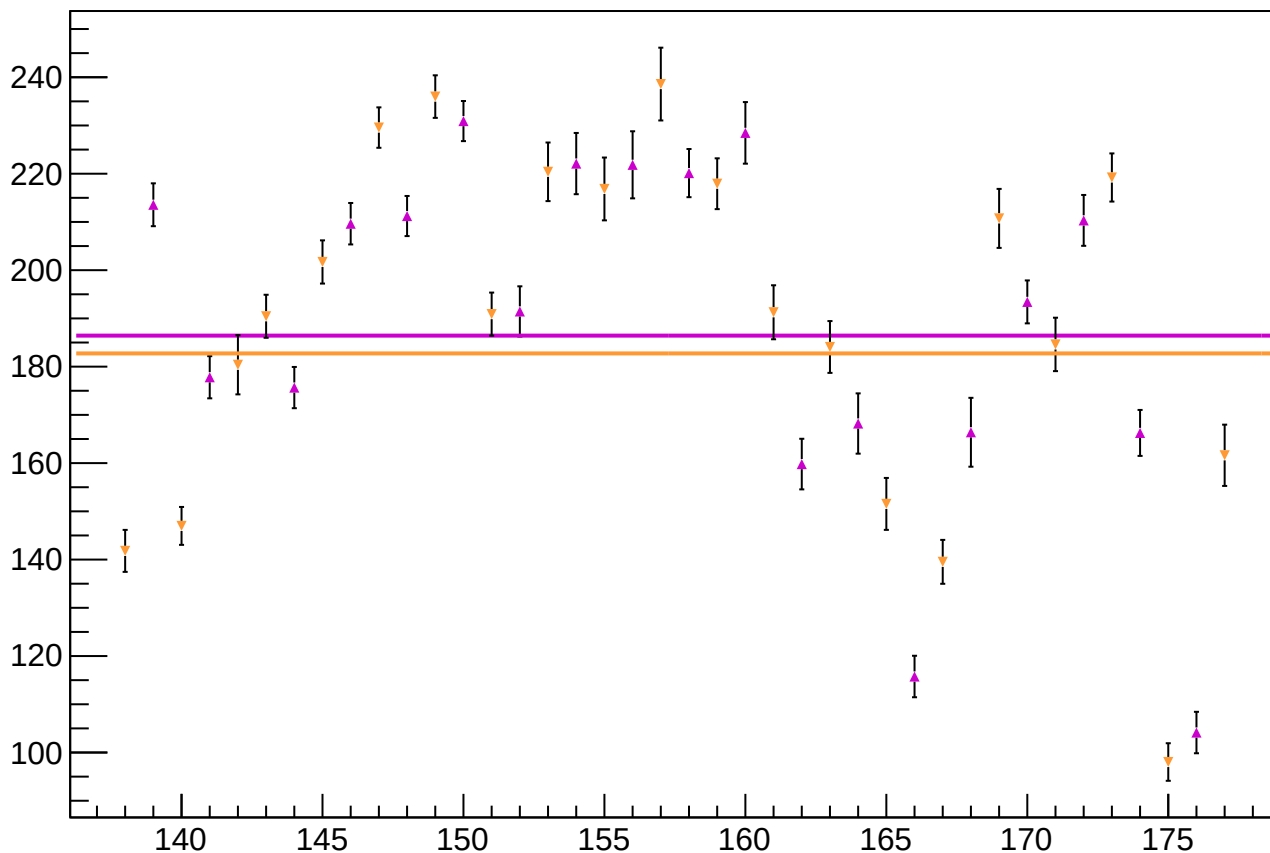
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.837+/-0.043 χ^2/NDF : 231508.5/35

Out: -136.046+/-0.042 χ^2/NDF : 314716.9/38

All: -136.920+/-0.030 χ^2/NDF : 547118.5/74

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.433+/-1.122 χ^2/NDF :1093.8/18

Left: 184.529+/-0.781 χ^2/NDF : 2415.6/39

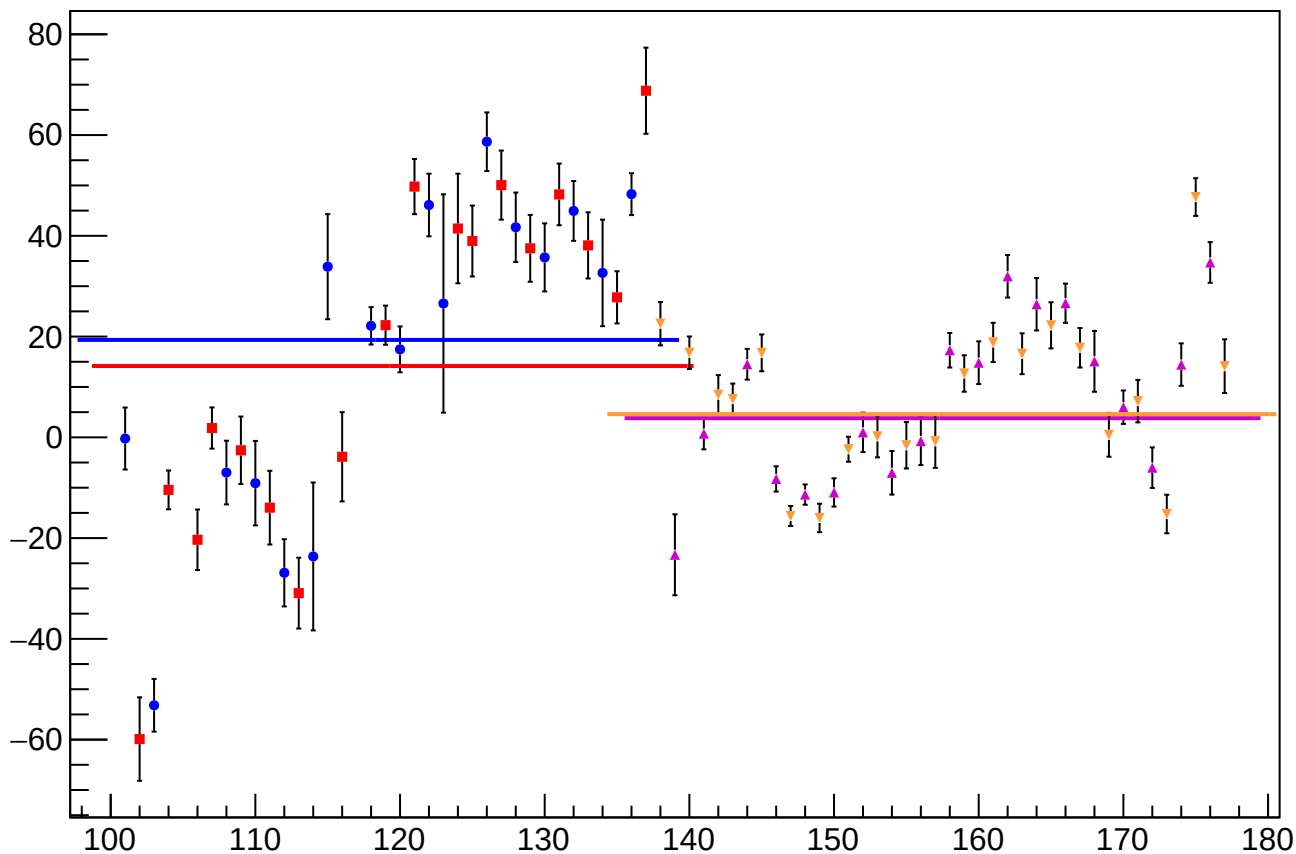
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.433+/-1.122 χ^2/NDF :1093.8/18

Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

All: 184.529+/-0.781 χ^2/NDF : 2415.6/39

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2/NDF : 439.8/16

Left Out: 4.607 $\pm$ 0.771 χ^2/NDF :430.3/20

Right Out: 14.162 $\pm$ 1.391 χ^2/NDF : 426.0/17

Left In: 3.801 $\pm$ 0.812 χ^2/NDF :334.6/18

Left: 4.225 $\pm$ 0.559 χ^2/NDF : 765.4/39

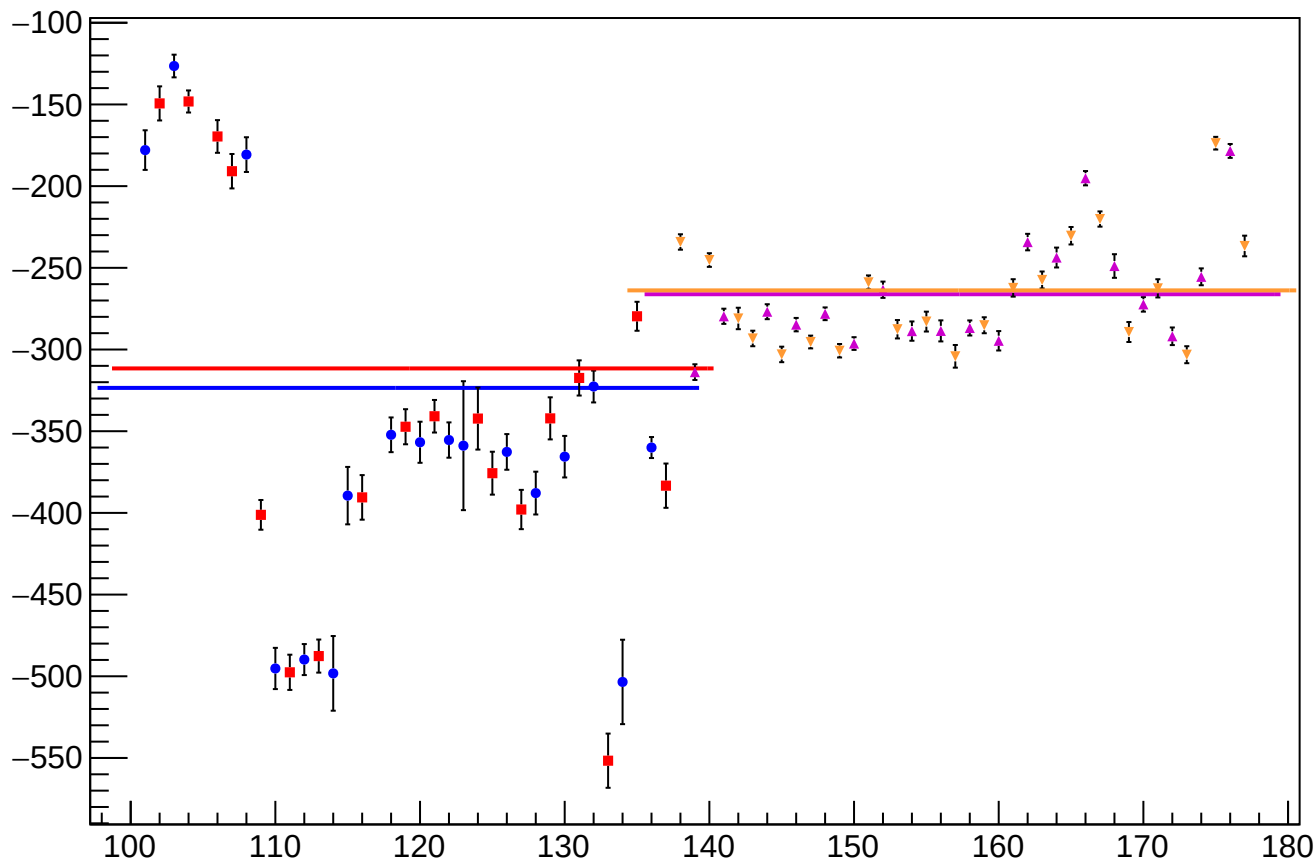
Right: 16.585 $\pm$ 1.014 χ^2/NDF : 872.4/34

In: 7.384 $\pm$ 0.712 χ^2/NDF :859.0/35

Out: 6.854 $\pm$ 0.675 χ^2/NDF :892.4/38

All: 7.105 $\pm$ 0.490 χ^2/NDF : 1751.7/74

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: -263.806 ± 1.082 $\chi^2/\text{NDF}: 1158.5/20$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -266.161 ± 1.110 $\chi^2/\text{NDF}: 1049.1/18$

Left: -264.953 ± 0.775 $\chi^2/\text{NDF}: 2210.0/39$

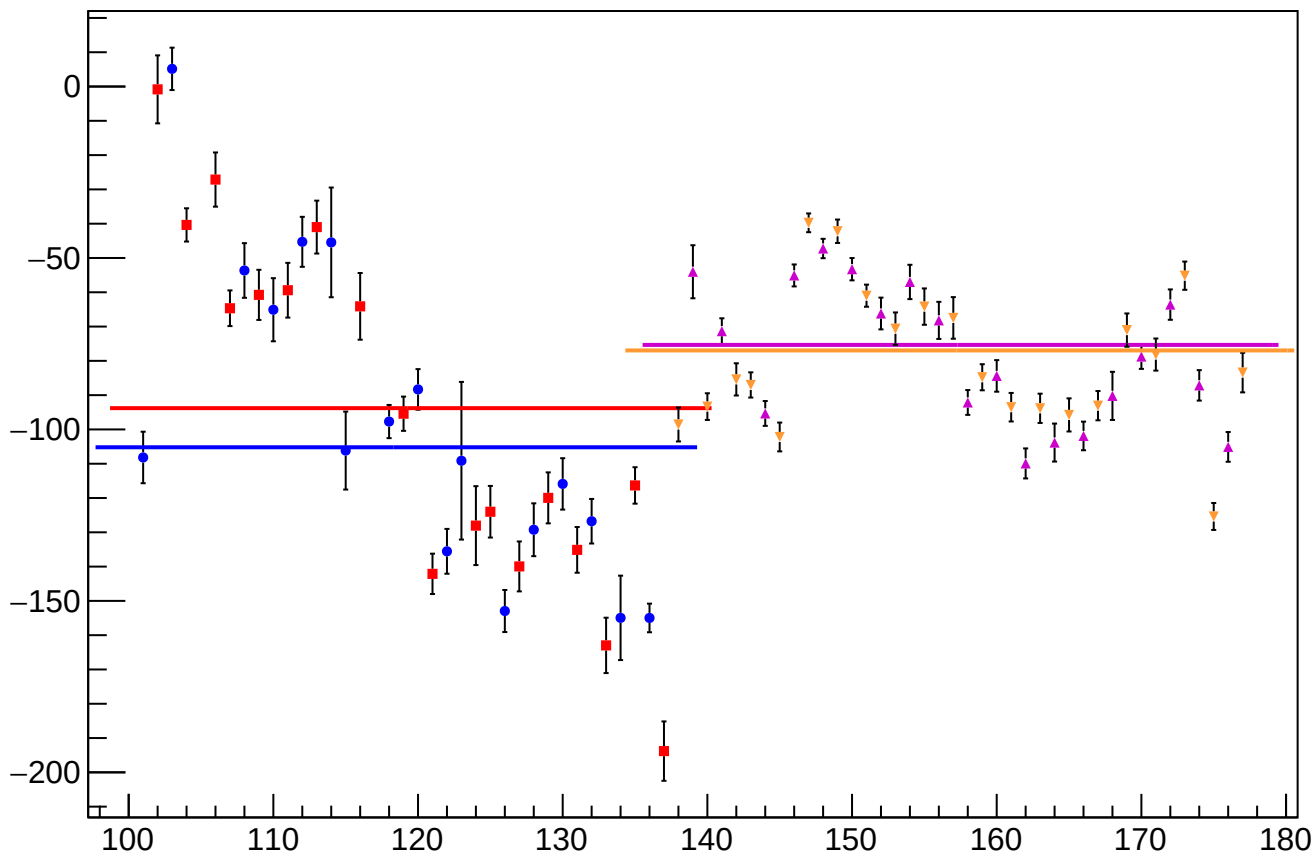
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -274.592 ± 1.025 $\chi^2/\text{NDF}: 3289.1/35$

Out: -271.201 ± 0.994 $\chi^2/\text{NDF}: 3704.3/38$

All: -272.845 ± 0.714 $\chi^2/\text{NDF}: 6999.1/74$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -76.961 ± 0.903 χ^2/NDF : 654.1/20

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -75.348 ± 0.945 χ^2/NDF : 464.8/18

Left: -76.191 ± 0.653 χ^2/NDF : 1120.4/39

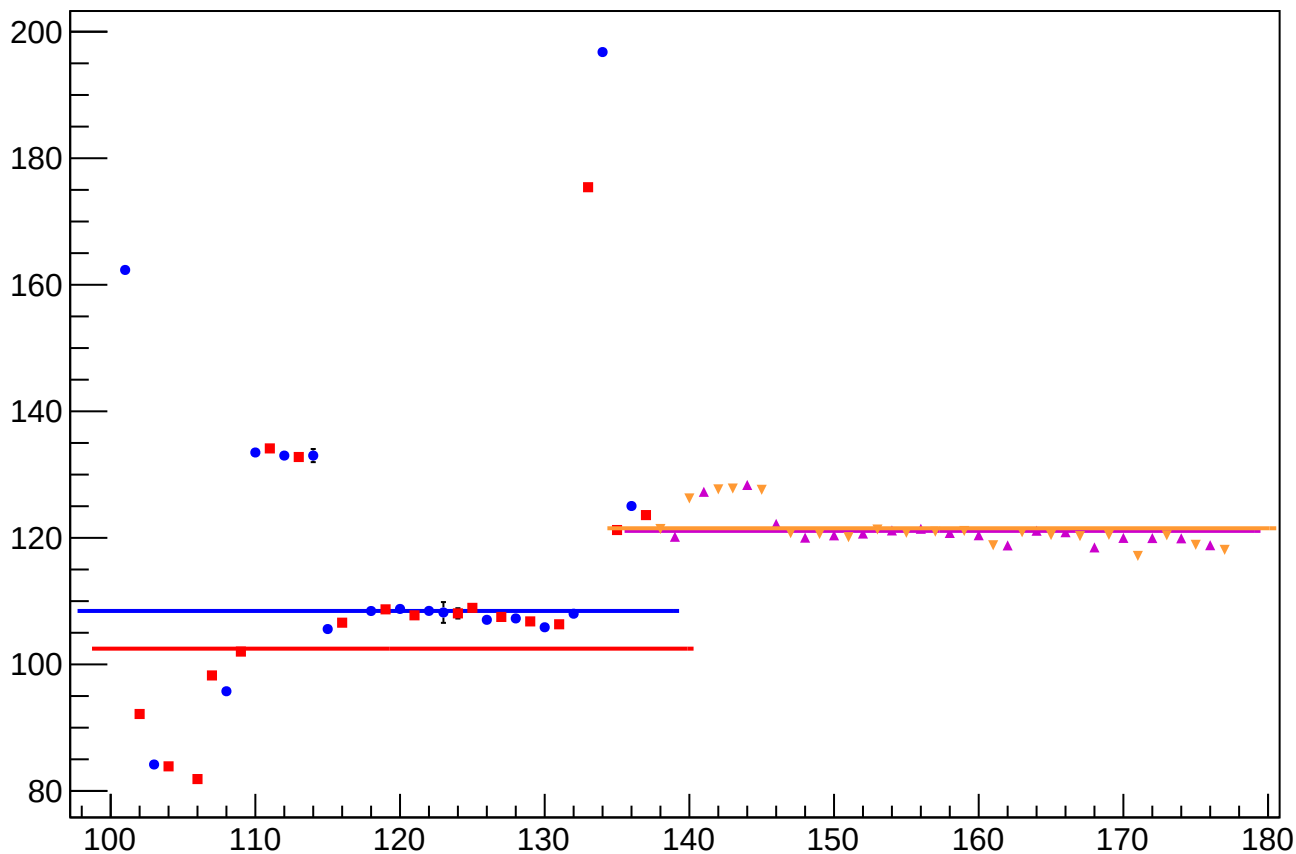
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -82.415 ± 0.825 χ^2/NDF : 1436.7/35

Out: -80.984 ± 0.788 χ^2/NDF : 1552.6/38

All: -81.666 ± 0.570 χ^2/NDF : 2990.9/74

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: 121.517 $\pm$ 0.043 χ^2 /NDF: 4652.8/20

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.104 $\pm$ 0.044 χ^2 /NDF: 3024.2/18

Left: 121.314 $\pm$ 0.031 χ^2 /NDF: 7721.6/39

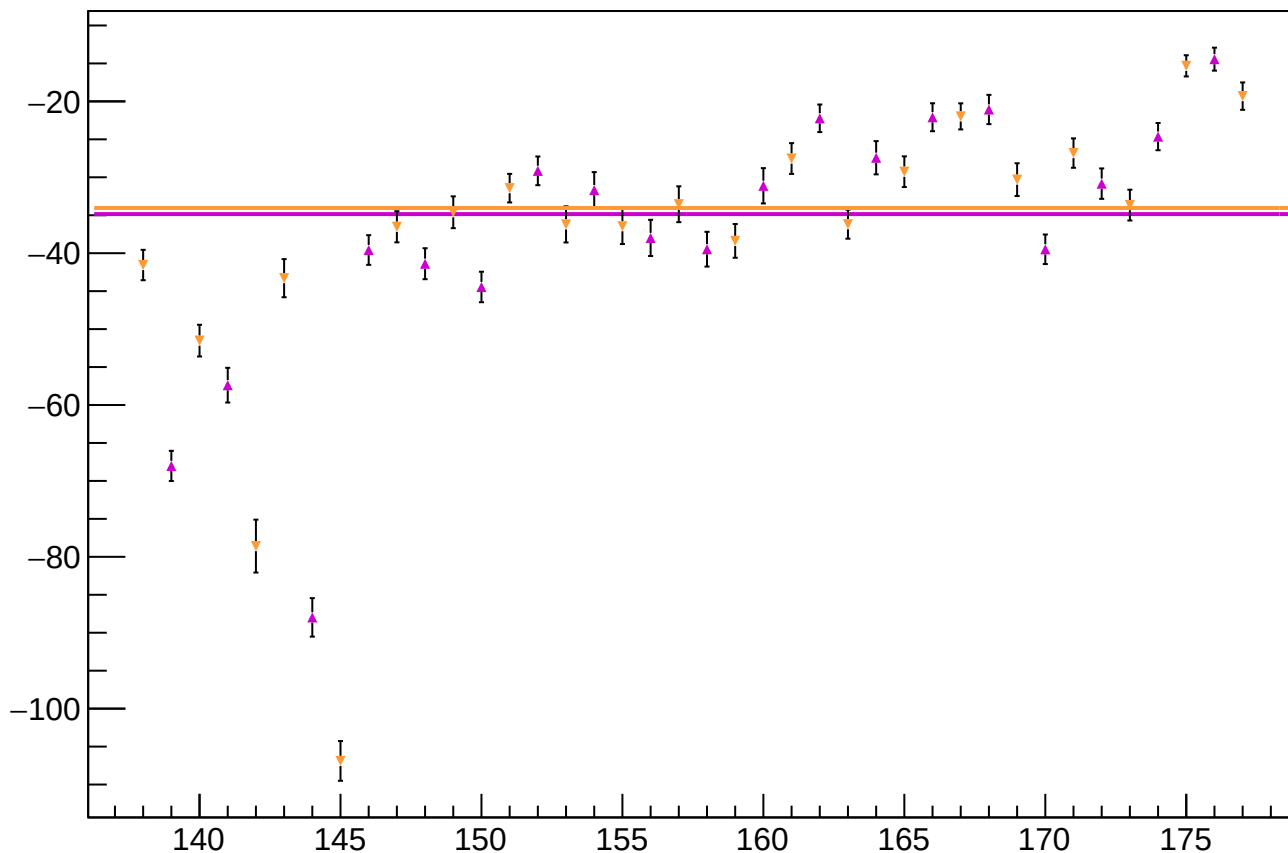
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.416 $\pm$ 0.039 χ^2 /NDF: 93835.6/35

Out: 117.159 $\pm$ 0.038 χ^2 /NDF: 101610.6/38

All: 117.771 $\pm$ 0.027 χ^2 /NDF: 195976.6/74

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: -34.049+/-0.447 χ^2/NDF :1373.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.850+/-0.462 χ^2/NDF :1255.4/18

Left: -34.437+/-0.321 χ^2/NDF : 2630.5/39

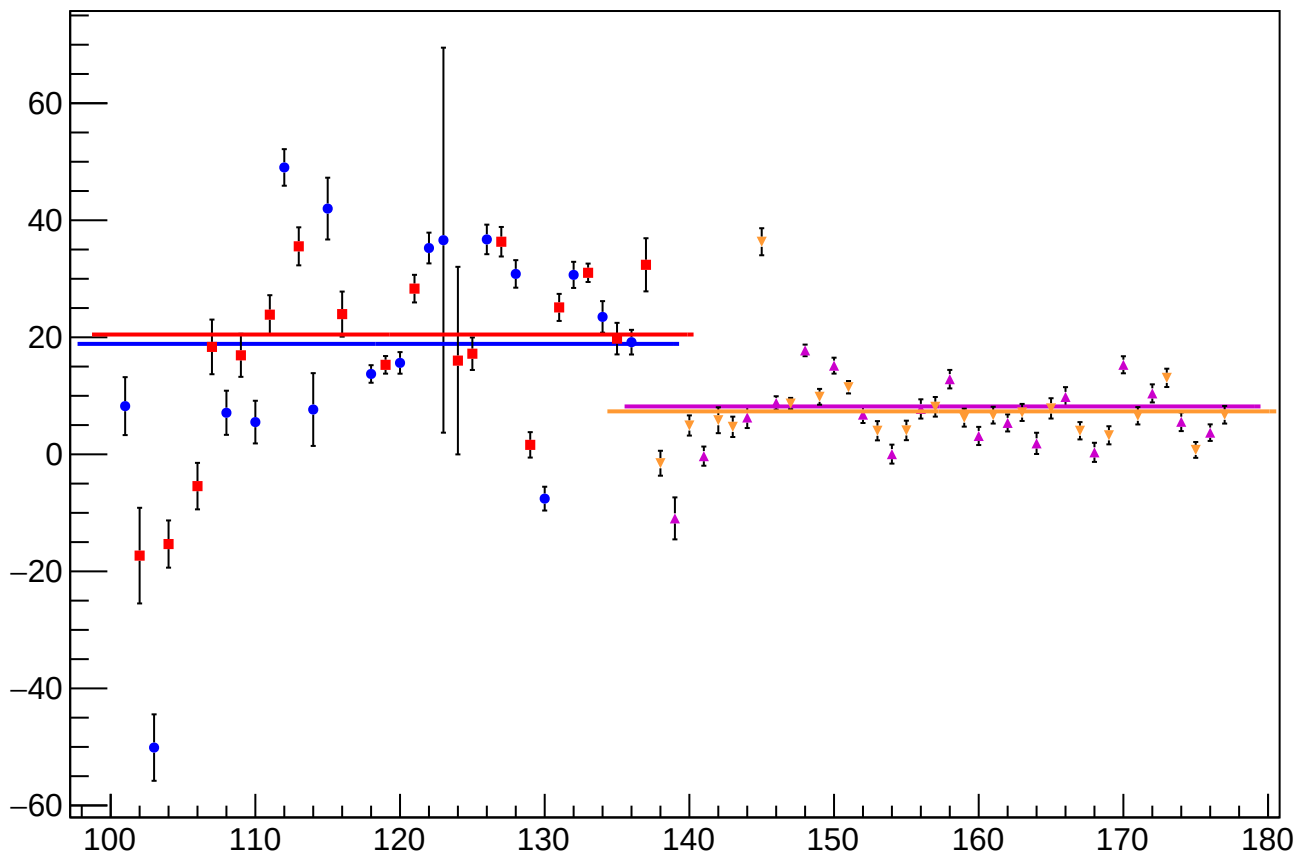
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.850+/-0.462 χ^2/NDF :1255.4/18

Out: -34.049+/-0.447 χ^2/NDF :1373.6/20

All: -34.437+/-0.321 χ^2/NDF : 2630.5/39

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 7.343 ± 0.328 χ^2/NDF : 258.1/20

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 8.185 ± 0.345 χ^2/NDF : 300.1/18

Left: 7.743 ± 0.238 χ^2/NDF : 561.3/39

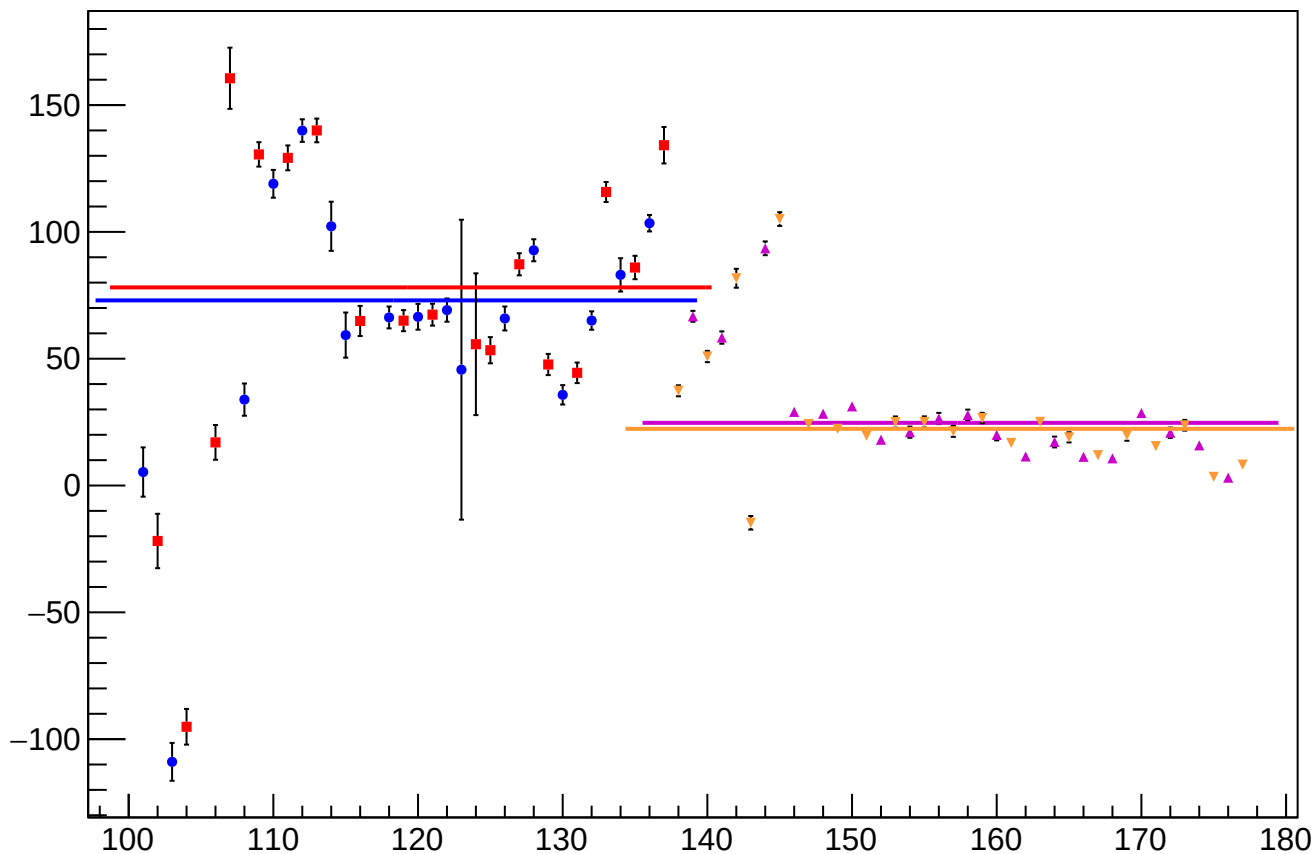
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 10.562 ± 0.304 χ^2/NDF : 1134.6/35

Out: 10.051 ± 0.292 χ^2/NDF : 951.0/38

All: 10.297 ± 0.211 χ^2/NDF : 2087.1/74

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: 22.347 $\pm$ 0.442 χ^2/NDF :1911.6/20

Right Out: 78.119 $\pm$ -1.224 χ^2/NDF : 1546.8/17

Left In: 24.714 $\pm$ -0.455 χ^2/NDF :1669.5/18

Left: 23.495 $\pm$ -0.317 χ^2/NDF : 3595.0/39

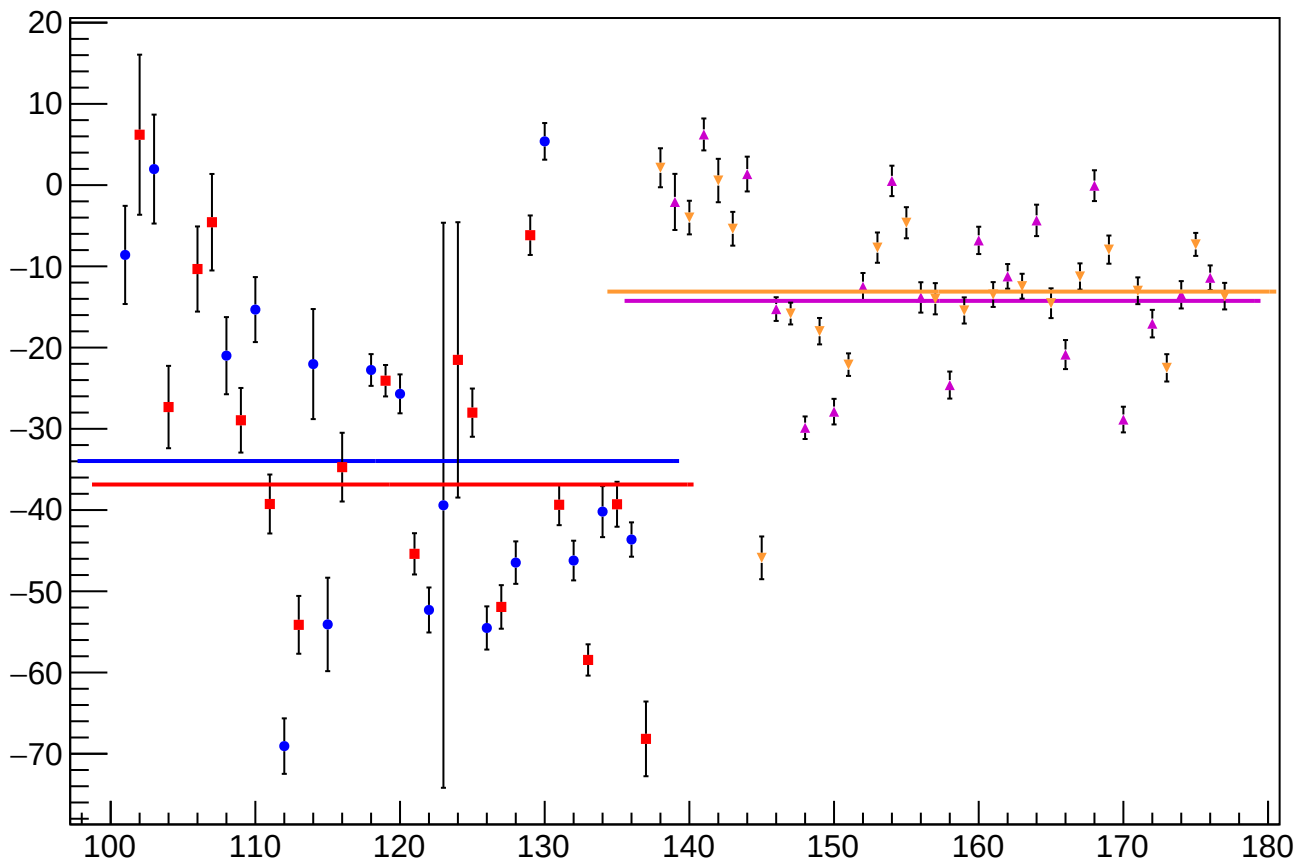
Right: 75.568 $\pm$ -0.868 χ^2/NDF : 2761.0/34

In: 30.534 $\pm$ -0.427 χ^2/NDF :4229.8/35

Out: 28.781 $\pm$ -0.416 χ^2/NDF :5295.5/38

All: 29.634 $\pm$ -0.298 χ^2/NDF : 9533.9/74

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: -13.107 ± 0.376 χ^2/NDF : 399.4/20

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.251 ± 0.395 χ^2/NDF : 689.5/18

Left: -13.651 ± 0.272 χ^2/NDF : 1093.3/39

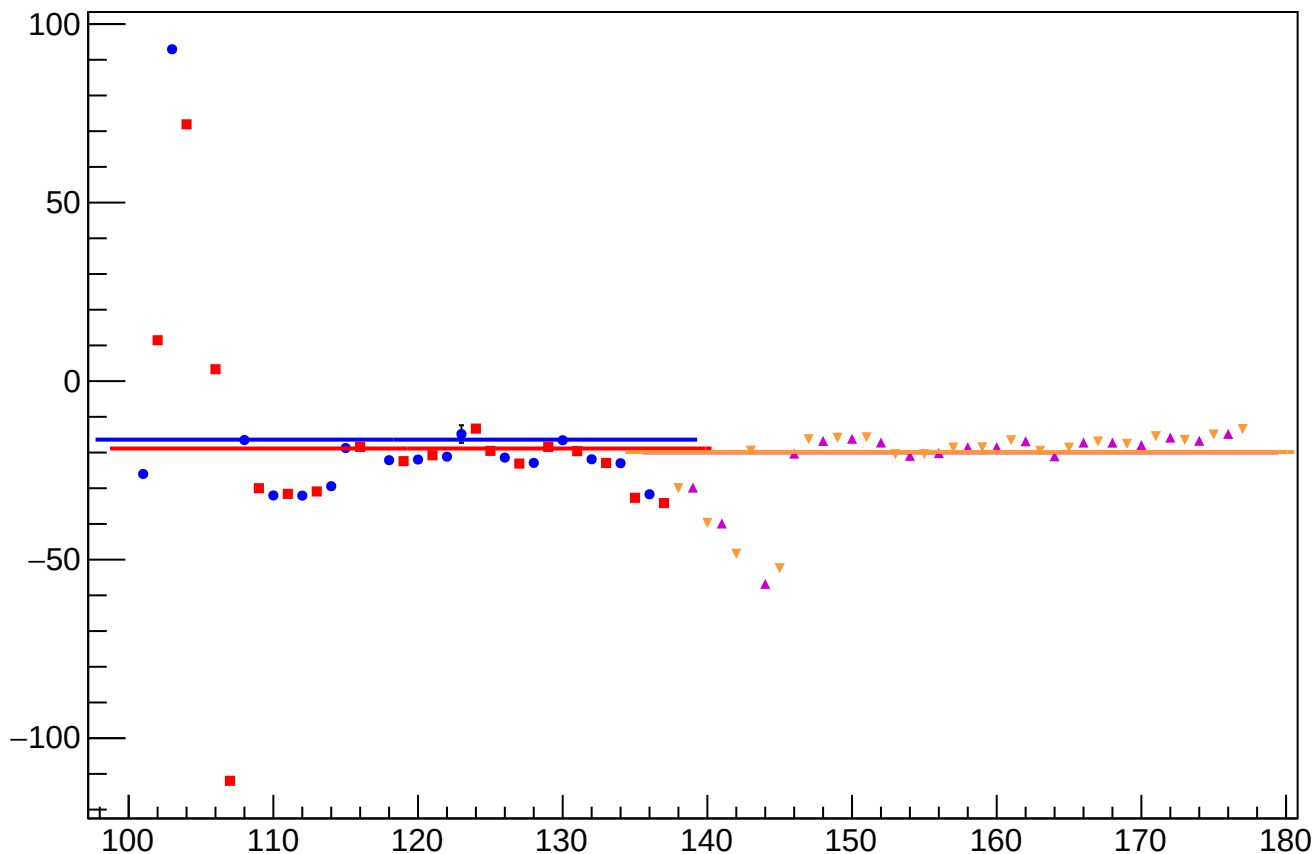
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.643 ± 0.348 χ^2/NDF : 1966.6/35

Out: -18.020 ± 0.335 χ^2/NDF : 1758.4/38

All: -18.320 ± 0.241 χ^2/NDF : 3726.7/74

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: -19.836 ± 0.017 $\chi^2/\text{NDF}: 217341.5/20$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -19.969 ± 0.018 $\chi^2/\text{NDF}: 177475.7/18$

Left: -19.901 ± 0.012 $\chi^2/\text{NDF}: 394845.6/39$

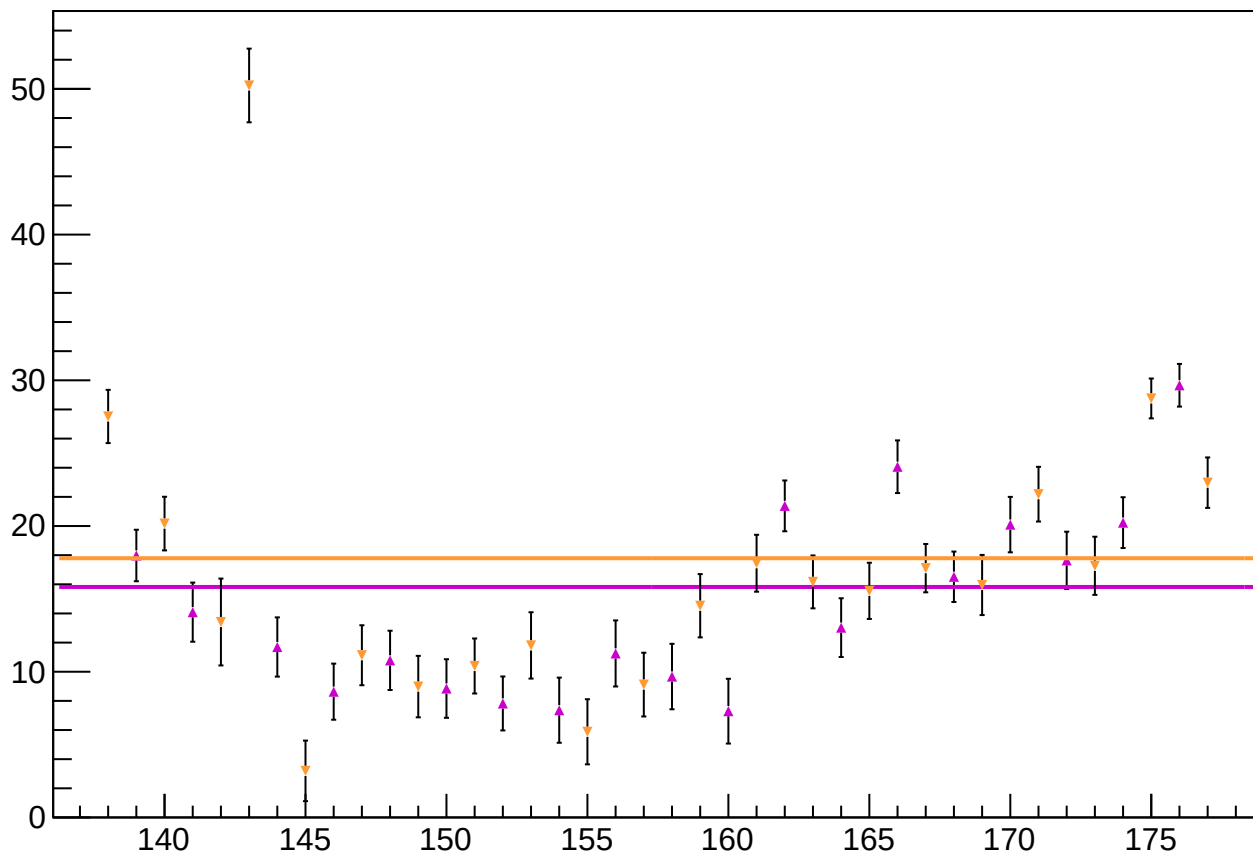
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.474 ± 0.017 $\chi^2/\text{NDF}: 657366.9/35$

Out: -19.711 ± 0.016 $\chi^2/\text{NDF}: 651106.9/38$

All: -19.594 ± 0.012 $\chi^2/\text{NDF}: 1308578.5/74$

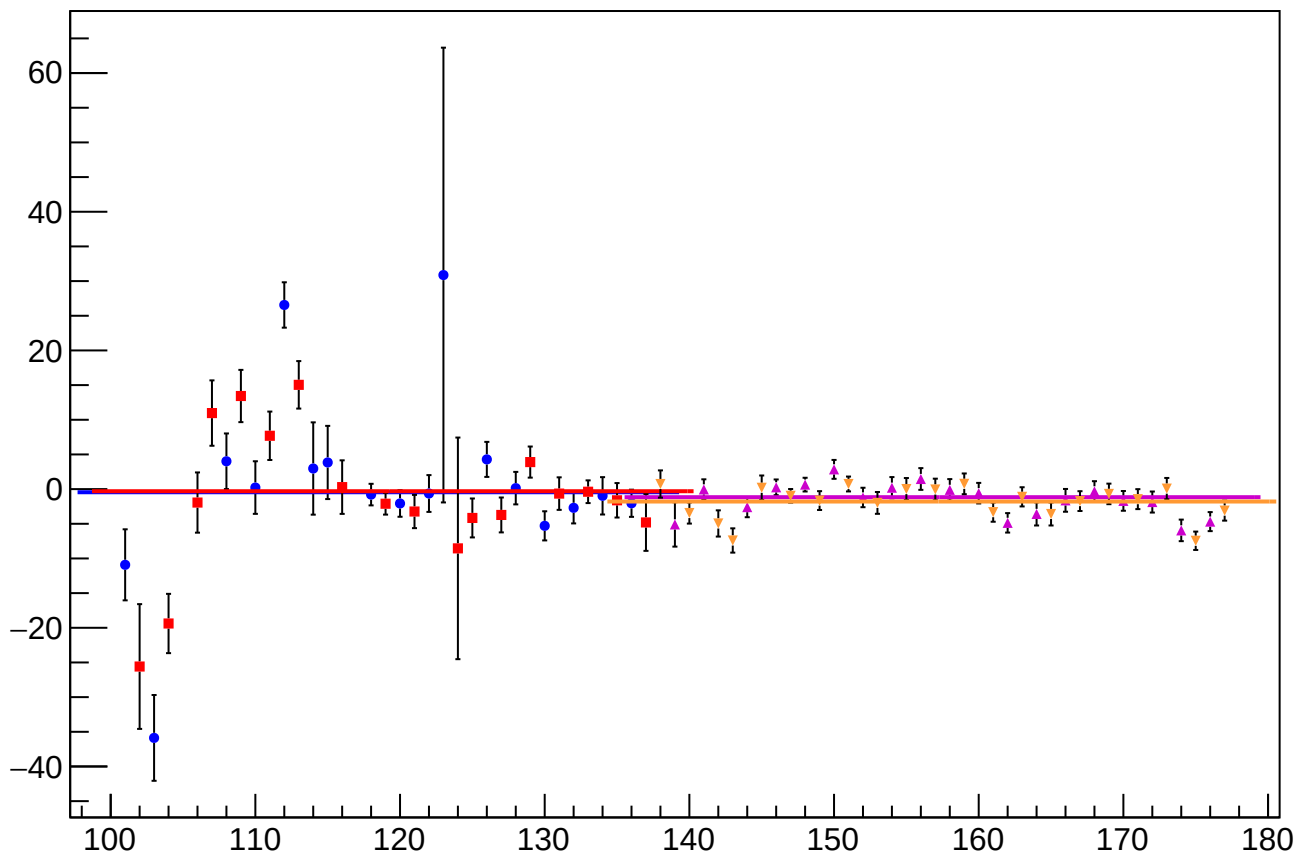
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 15.818 $\pm$ 0.439 χ^2/NDF :232.4/18

Left: 16.831 $\pm$ 0.306 χ^2/NDF : 667.5/39
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 15.818 $\pm$ 0.439 χ^2/NDF :232.4/18
 Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20
 All: 16.831 $\pm$ 0.306 χ^2/NDF : 667.5/39

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: -1.789 ± 0.316 χ^2/NDF : 52.7/20

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.165 ± 0.330 χ^2/NDF : 46.8/18

Left: -1.491 ± 0.228 χ^2/NDF : 101.4/39

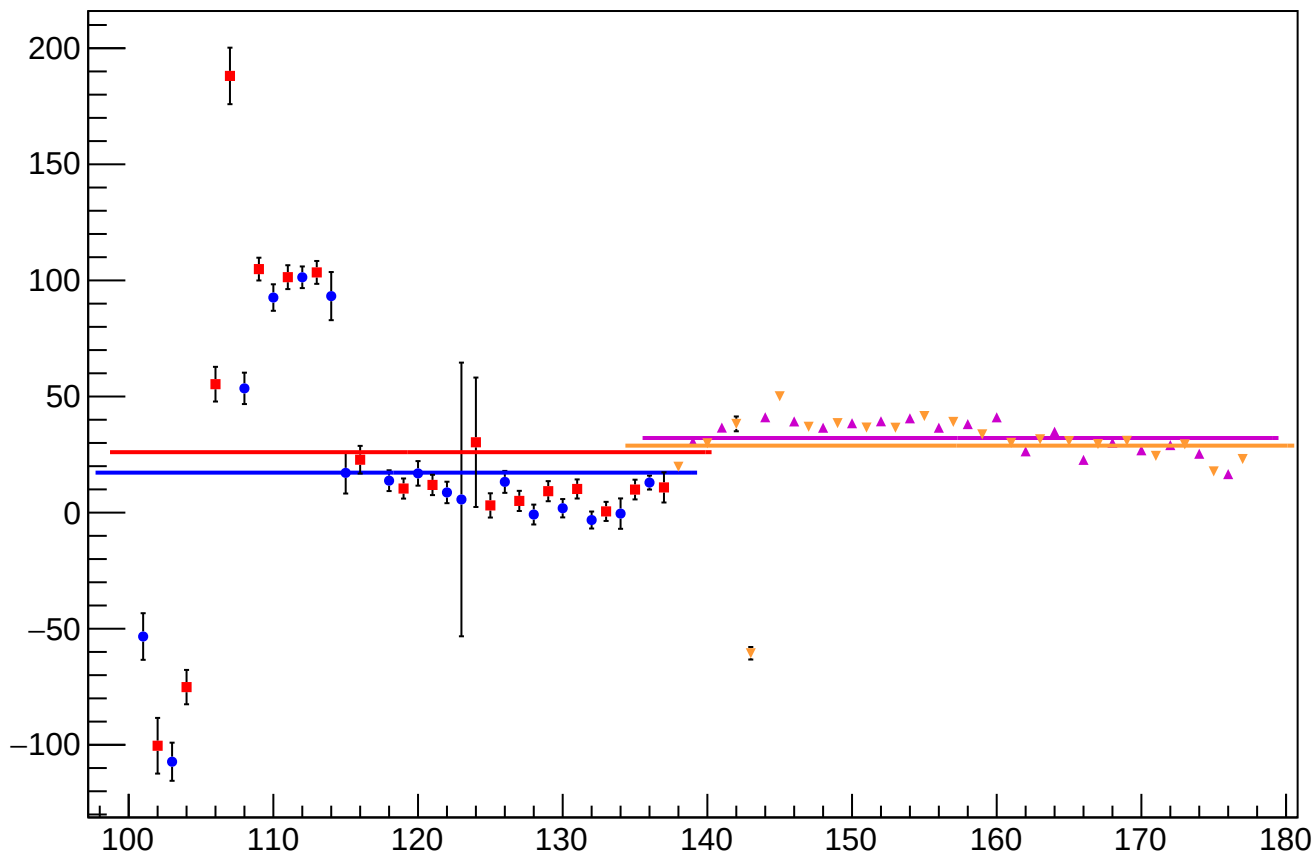
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.020 ± 0.295 χ^2/NDF : 167.3/35

Out: -1.511 ± 0.284 χ^2/NDF : 141.0/38

All: -1.275 ± 0.205 χ^2/NDF : 309.7/74

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 28.846 ± 0.423 $\chi^2/\text{NDF}: 1455.4/20$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 32.131 ± 0.434 $\chi^2/\text{NDF}: 297.3/18$

Left: 30.446 ± 0.303 $\chi^2/\text{NDF}: 1782.0/39$

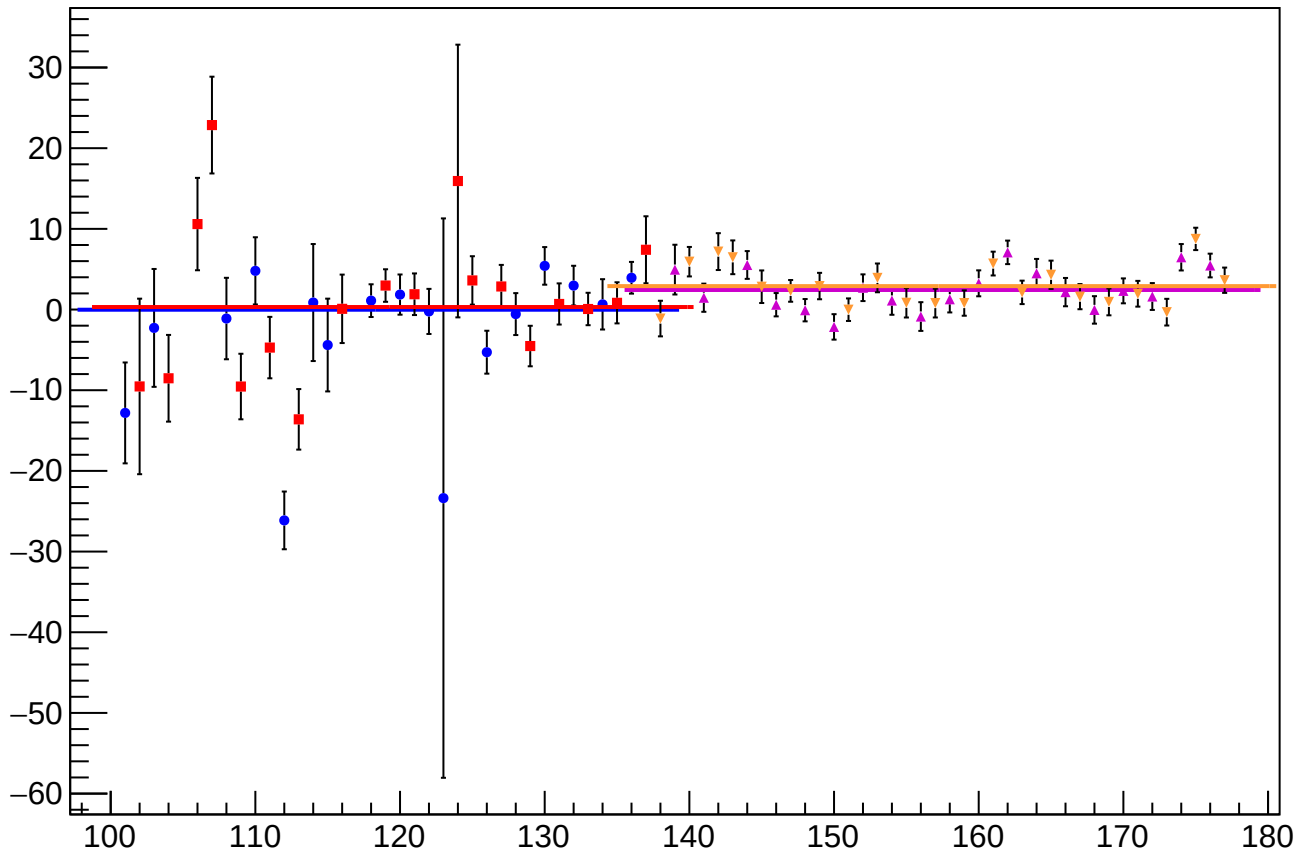
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 30.506 ± 0.410 $\chi^2/\text{NDF}: 1366.1/35$

Out: 28.555 ± 0.400 $\chi^2/\text{NDF}: 2825.9/38$

All: 29.508 ± 0.286 $\chi^2/\text{NDF}: 4203.6/74$

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: 2.903 ± 0.361 χ^2/NDF : 50.7/20

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.424 ± 0.378 χ^2/NDF : 46.6/18

Left: 2.674 ± 0.261 χ^2/NDF : 98.1/39

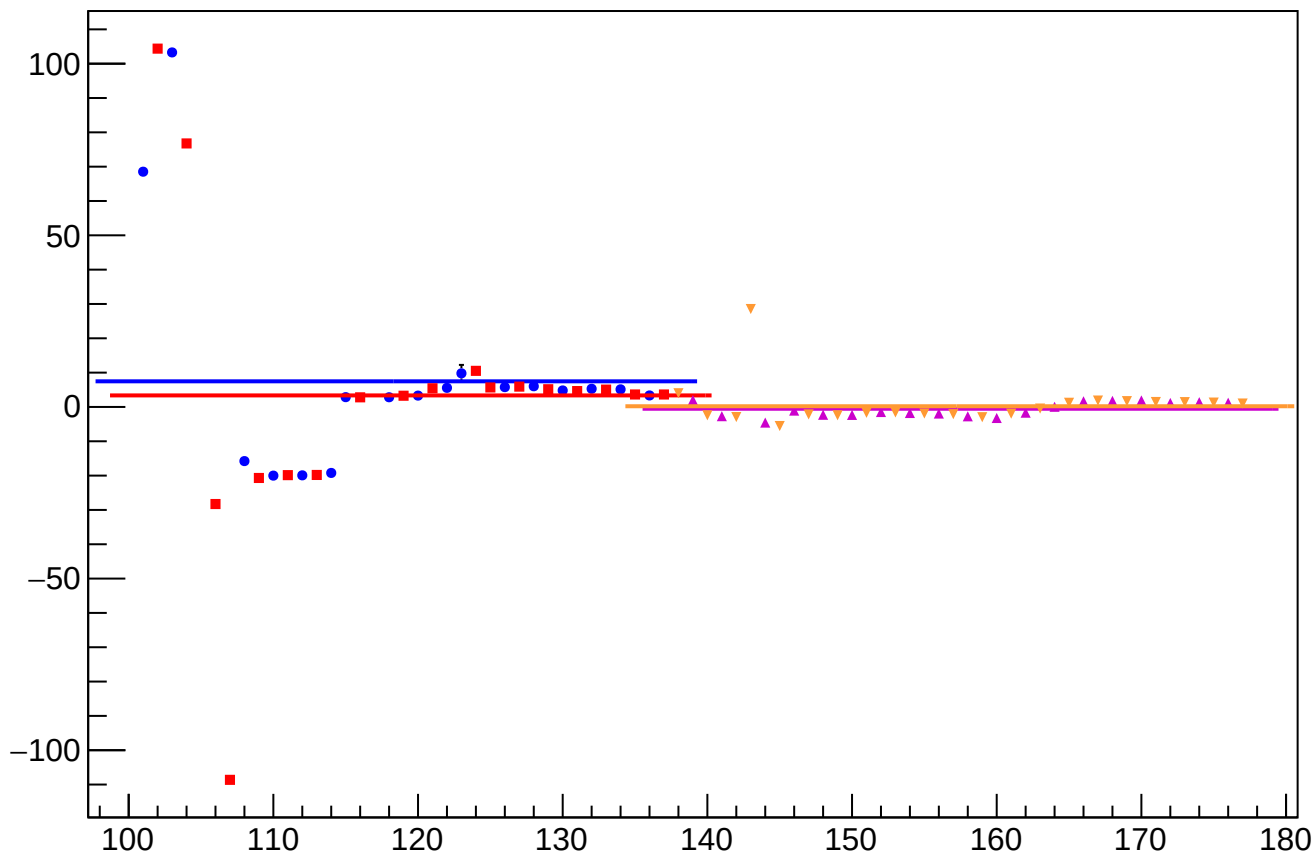
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.924 ± 0.337 χ^2/NDF : 131.0/35

Out: 2.414 ± 0.325 χ^2/NDF : 114.4/38

All: 2.177 ± 0.234 χ^2/NDF : 246.6/74

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 0.205+/-0.017 χ^2/NDF : 86935.4/20

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -0.523+/-0.017 χ^2/NDF : 13513.7/18

Left: -0.153+/-0.012 χ^2/NDF : 101388.8/39

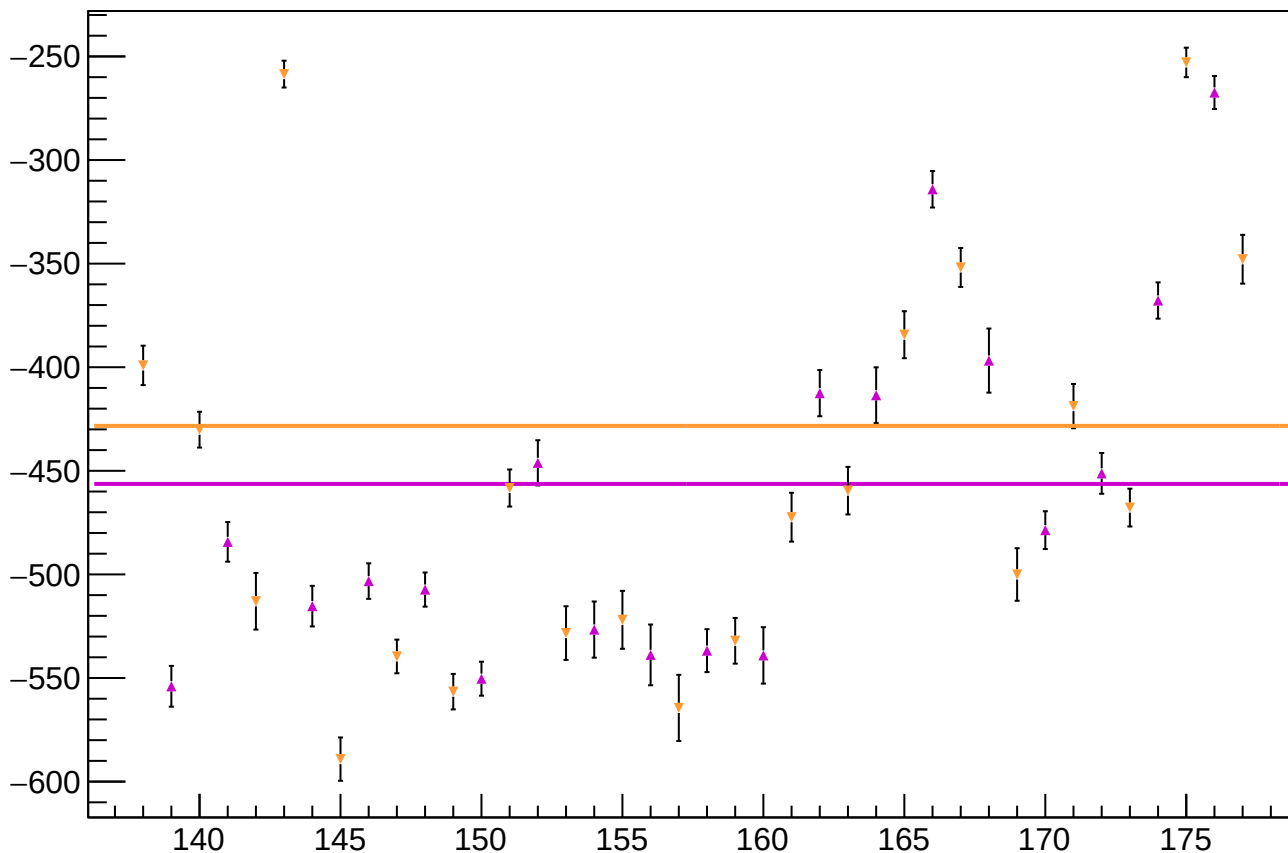
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.488+/-0.016 χ^2/NDF : 397600.9/35

Out: 0.577+/-0.016 χ^2/NDF : 595975.7/38

All: 0.533+/-0.011 χ^2/NDF : 993592.5/74

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: -428.307+/-2.156 χ^2/NDF :2467.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -456.330+/-2.295 χ^2/NDF :1472.8/18

Left: -441.448+/-1.571 χ^2/NDF : 4019.7/39

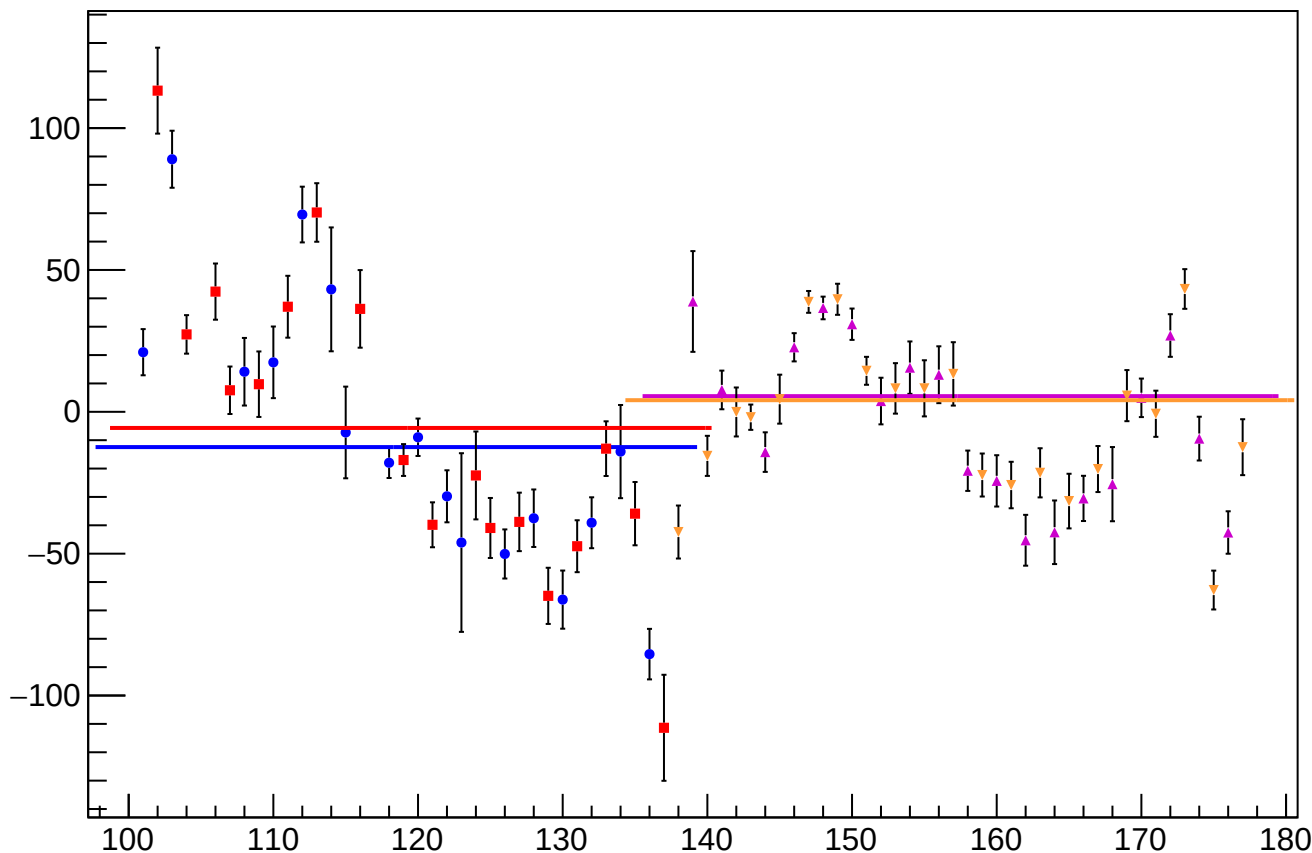
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.330+/-2.295 χ^2/NDF :1472.8/18

Out: -428.307+/-2.156 χ^2/NDF :2467.7/20

All: -441.448+/-1.571 χ^2/NDF : 4019.7/39

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 4.096 ± 1.520 χ^2/NDF : 350.2/20

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 5.524 ± 1.653 χ^2/NDF : 261.5/18

Left: 4.750 ± 1.119 χ^2/NDF : 612.0/39

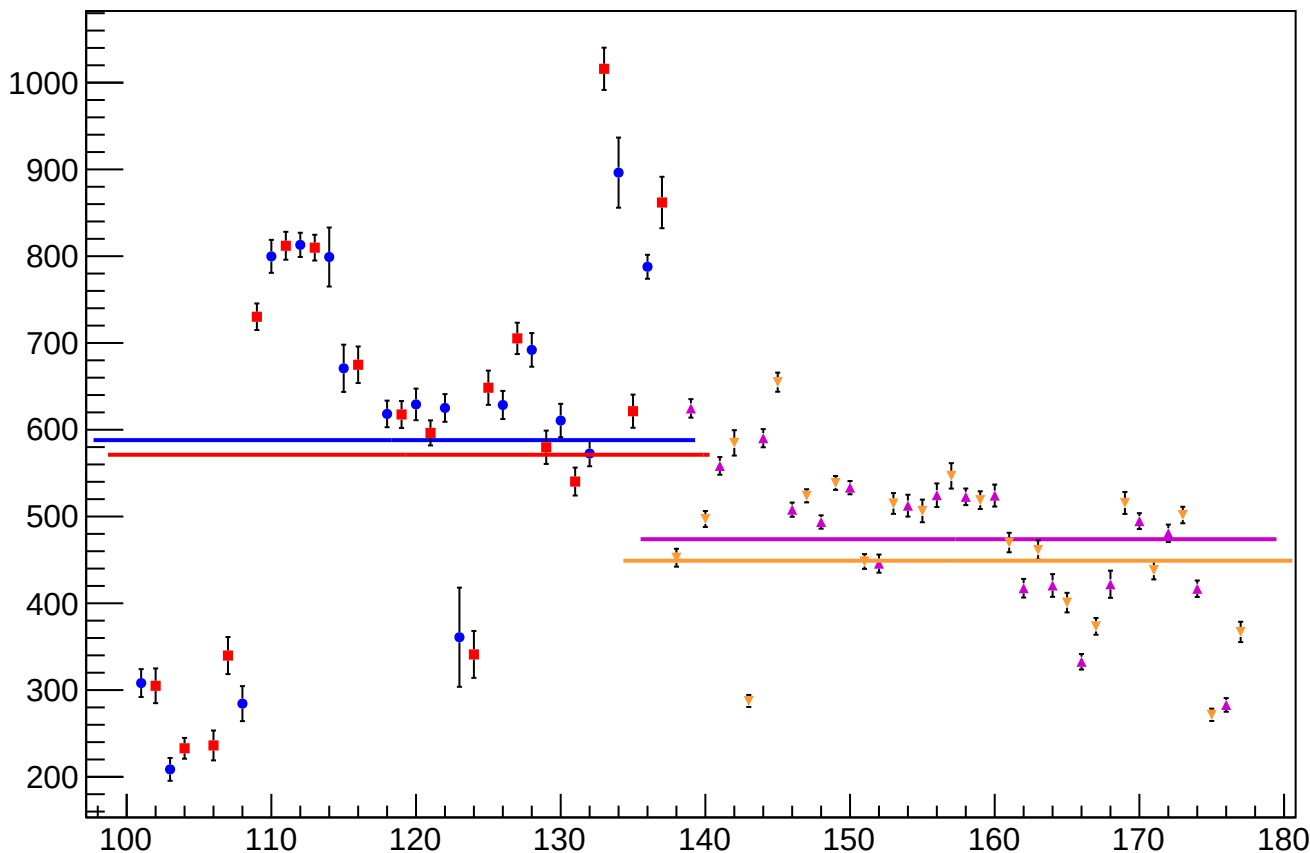
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -0.541 ± 1.345 χ^2/NDF : 641.5/35

Out: 1.054 ± 1.262 χ^2/NDF : 696.7/38

All: 0.308 ± 0.920 χ^2/NDF : 1339.0/74

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: 449.103 $\pm$ 2.149 χ^2 /NDF:2189.5/20

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 473.863 $\pm$ 2.268 χ^2 /NDF:1481.4/18

Left: 460.814 $\pm$ 1.560 χ^2 /NDF: 3733.7/39

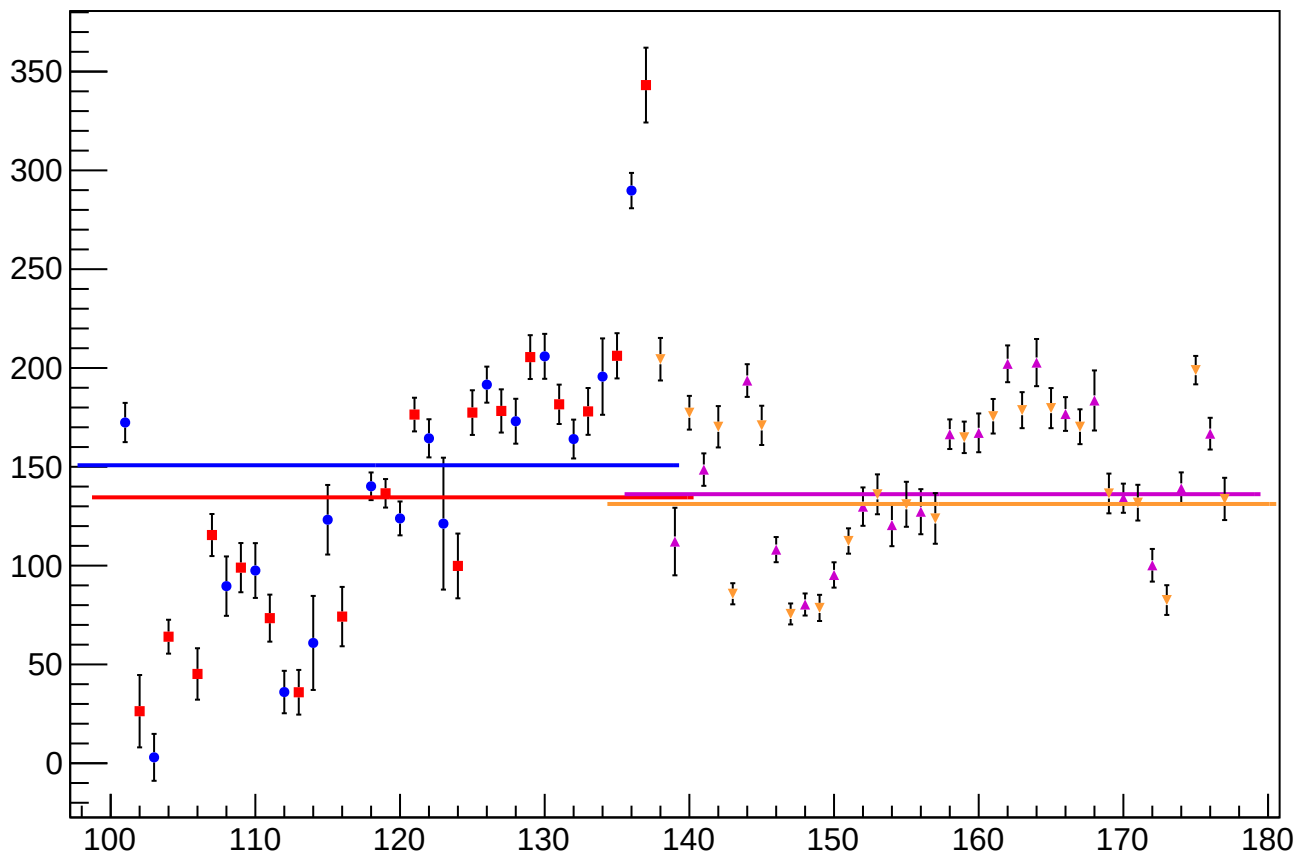
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 498.453 $\pm$ 2.009 χ^2 /NDF:4154.9/35

Out: 474.907 $\pm$ 1.908 χ^2 /NDF:5552.2/38

All: 486.074 $\pm$ 1.384 χ^2 /NDF: 9779.4/74

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 131.194 $\pm$ 1.784 χ^2 /NDF:604.1/20

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.149 $\pm$ 1.927 χ^2 /NDF:389.4/18

Left: 133.481 $\pm$ 1.309 χ^2 /NDF: 997.1/39

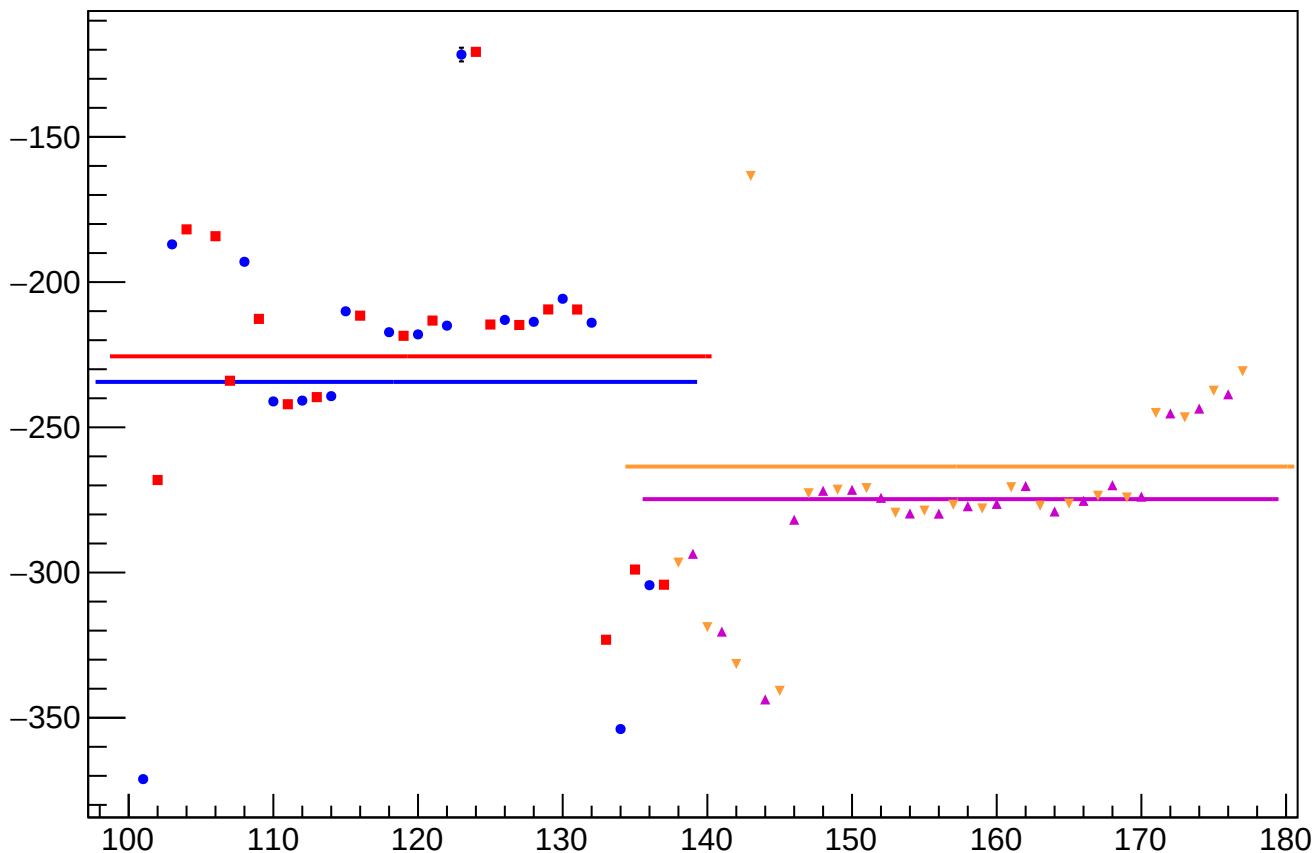
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.138 $\pm$ 1.564 χ^2 /NDF:1042.2/35

Out: 132.257 $\pm$ 1.475 χ^2 /NDF:1181.4/38

All: 136.435 $\pm$ 1.073 χ^2 /NDF: 2240.7/74

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: -263.508+/-0.087 χ^2/NDF : 224705.9/20

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -274.726+/-0.090 χ^2/NDF : 63441.7/18

Left: -268.888+/-0.062 χ^2/NDF : 296194.7/39

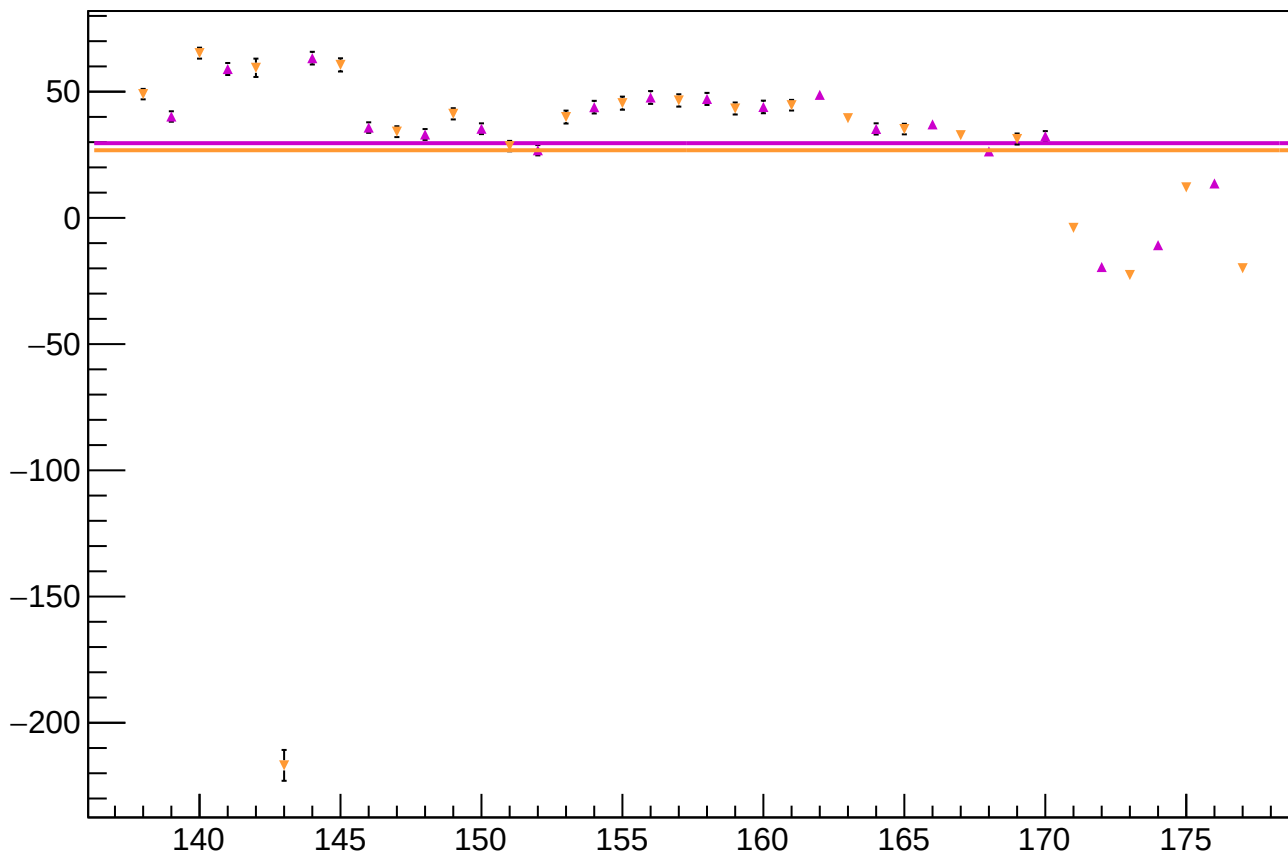
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -263.843+/-0.077 χ^2/NDF : 262583.5/35

Out: -253.212+/-0.074 χ^2/NDF : 369751.5/38

All: -258.305+/-0.053 χ^2/NDF : 642240.8/74

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: 26.795+/-0.469 χ^2/NDF : 4287.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.596+/-0.474 χ^2/NDF : 2006.8/18

Left: 28.181+/-0.333 χ^2/NDF : 6312.1/39

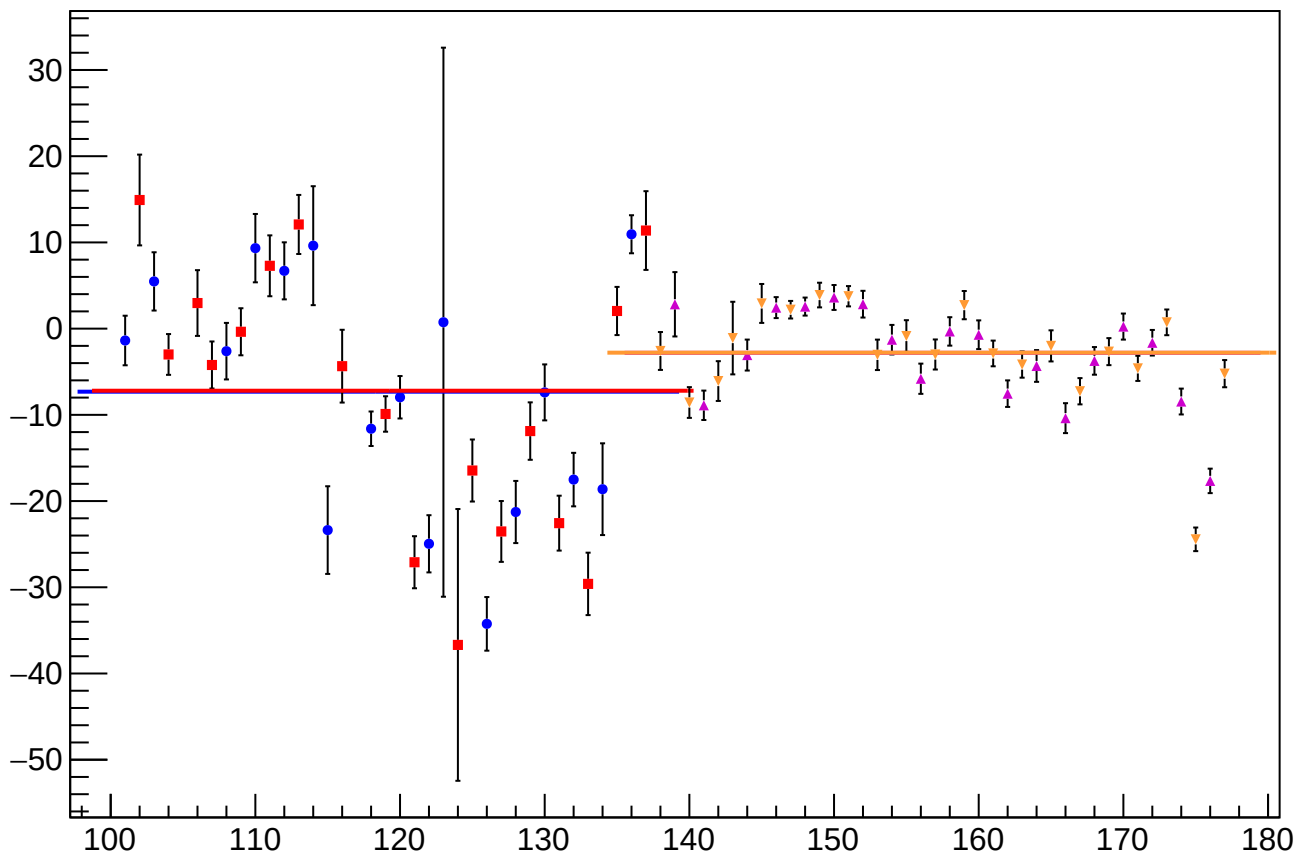
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.596+/-0.474 χ^2/NDF : 2006.8/18

Out: 26.795+/-0.469 χ^2/NDF : 4287.7/20

All: 28.181+/-0.333 χ^2/NDF : 6312.1/39

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -2.788 ± 0.346 χ^2/NDF : 377.5/20

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -2.809 ± 0.356 χ^2/NDF : 258.5/18

Left: -2.798 ± 0.248 χ^2/NDF : 635.9/39

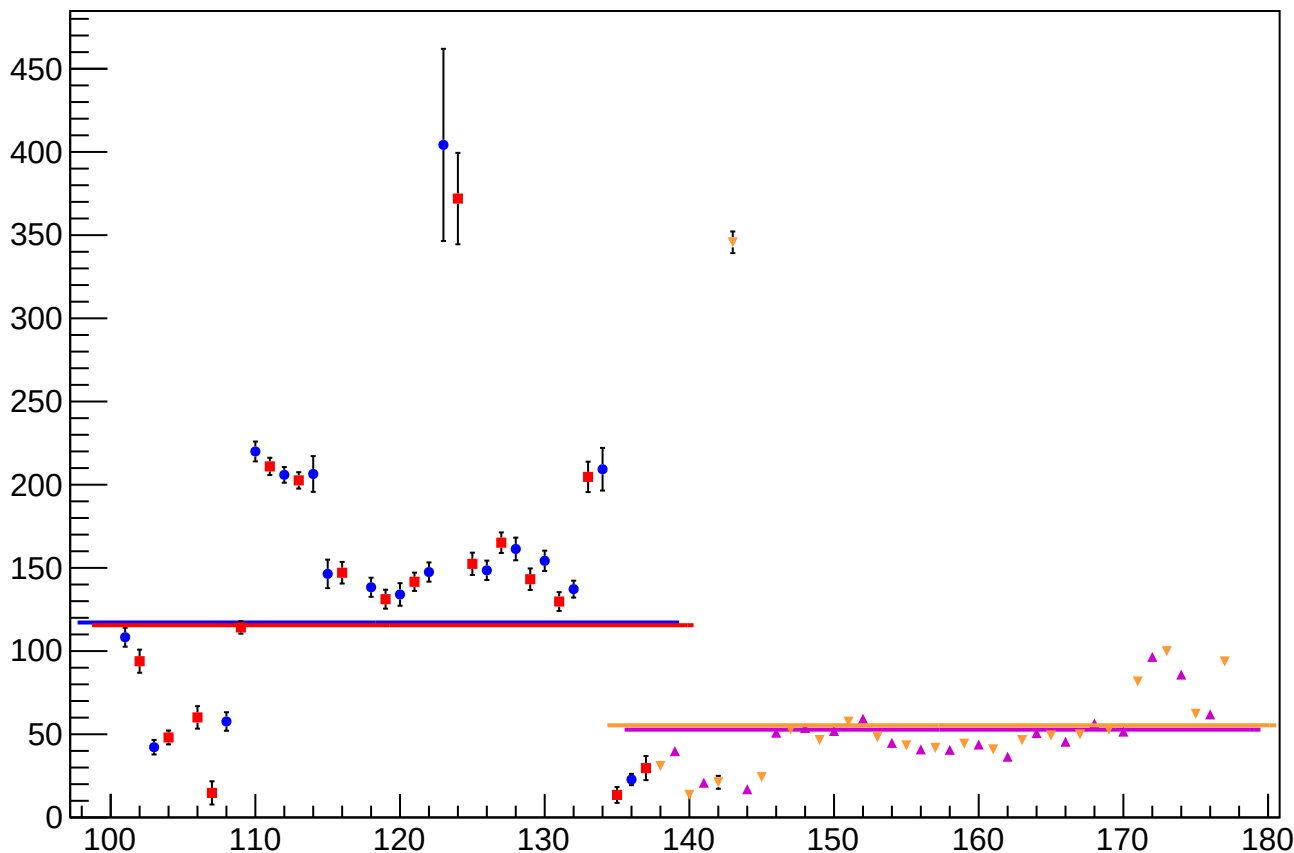
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -3.586 ± 0.324 χ^2/NDF : 565.1/35

Out: -3.544 ± 0.315 χ^2/NDF : 657.4/38

All: -3.564 ± 0.226 χ^2/NDF : 1222.5/74

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: 55.410 $\pm$ 0.463 χ^2 /NDF:3963.3/20

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 52.764 $\pm$ 0.469 χ^2 /NDF:1418.1/18

Left: 54.103 $\pm$ 0.330 χ^2 /NDF: 5397.5/39

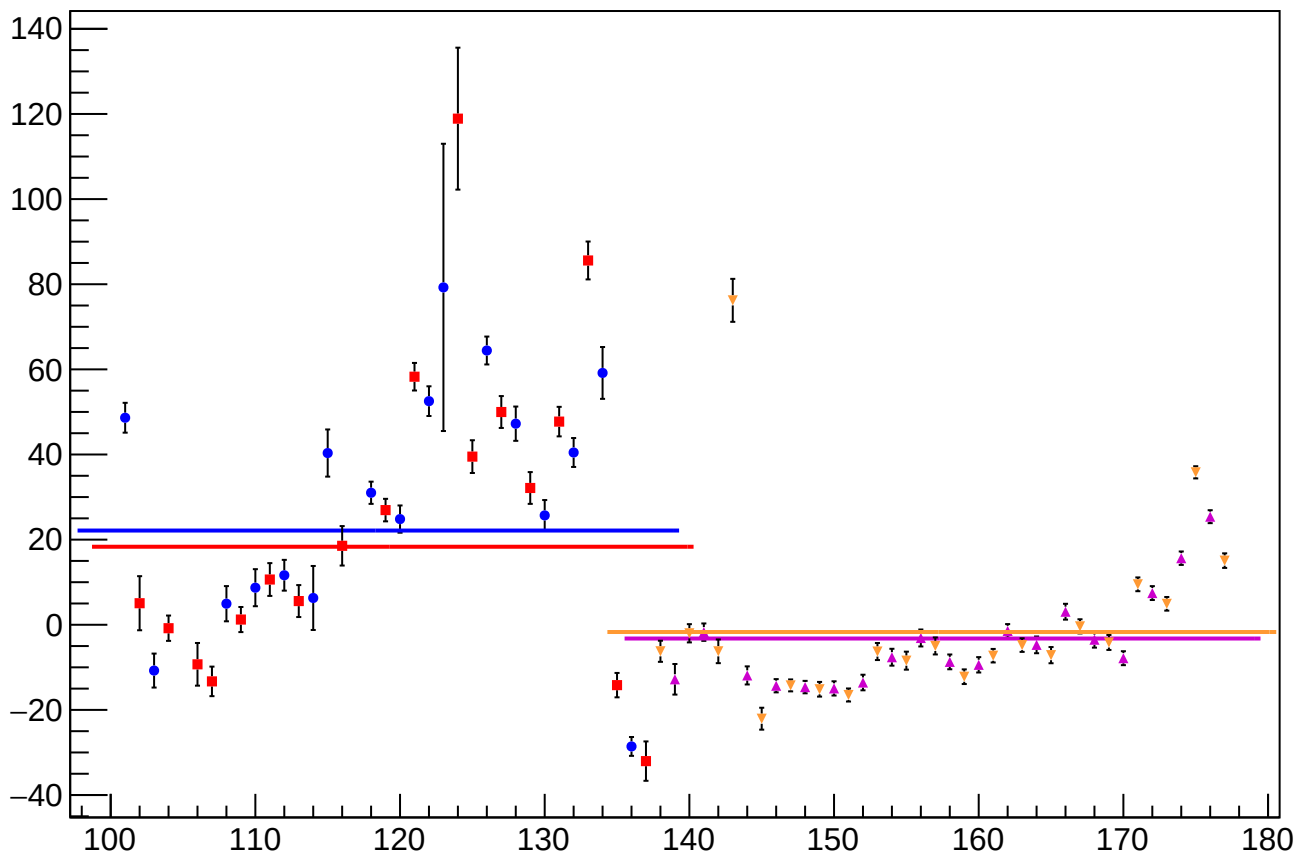
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 59.170 $\pm$ 0.445 χ^2 /NDF:5453.4/35

Out: 61.642 $\pm$ 0.439 χ^2 /NDF:7857.5/38

All: 60.423 $\pm$ 0.312 χ^2 /NDF: 13326.6/74

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -1.700 $\pm$ 0.396 χ^2 /NDF:1468.2/20

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -3.233 $\pm$ 0.407 χ^2 /NDF:804.0/18

Left: -2.445 $\pm$ 0.284 χ^2 /NDF: 2279.5/39

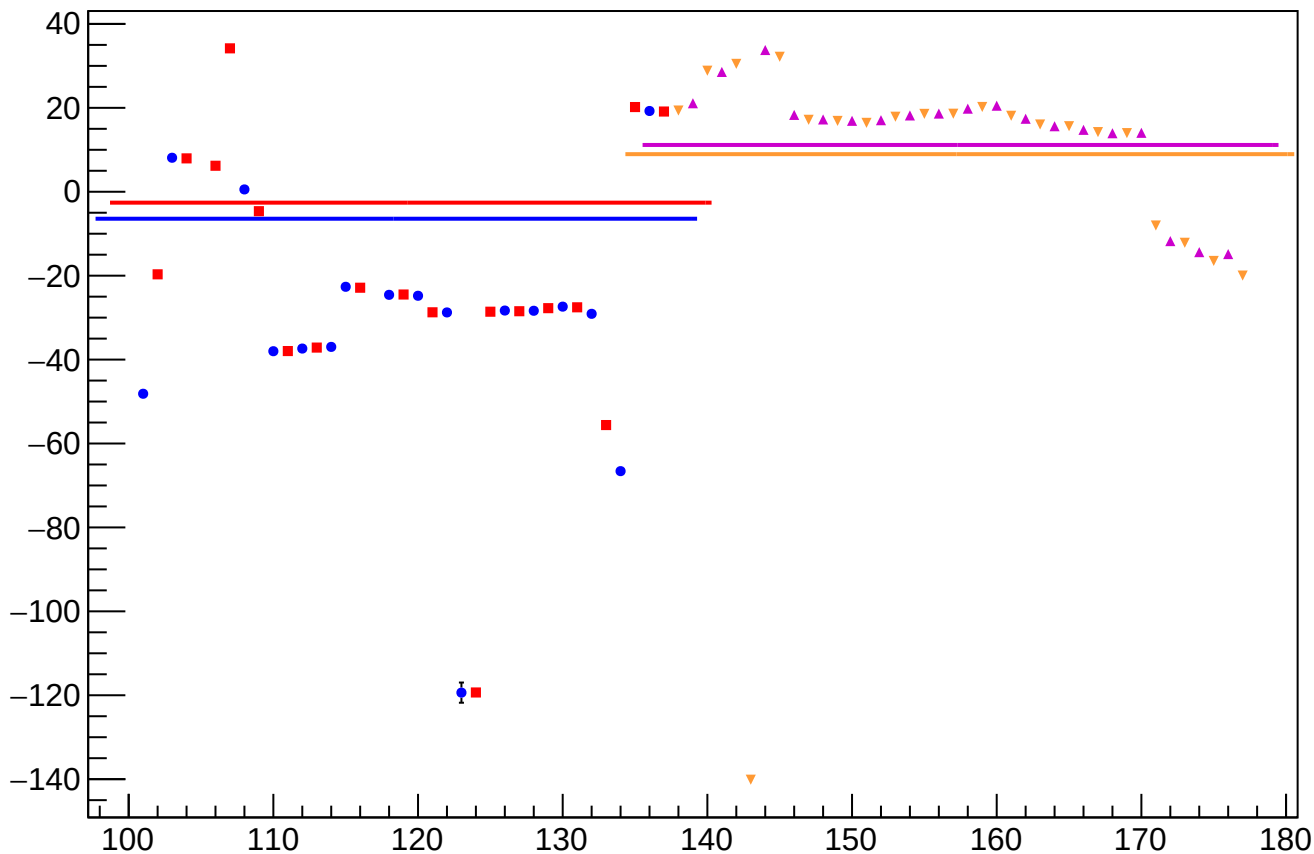
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 1.153 $\pm$ 0.371 χ^2 /NDF:2538.4/35

Out: 1.725 $\pm$ 0.361 χ^2 /NDF:2976.0/38

All: 1.446 $\pm$ 0.258 χ^2 /NDF: 5515.6/74

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: 8.959+/-0.018 χ^2/NDF :1006323.9/20

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 11.153+/-0.018 χ^2/NDF :572381.4/18

Left: 10.054+/-0.013 χ^2/NDF : 1585884.6/39

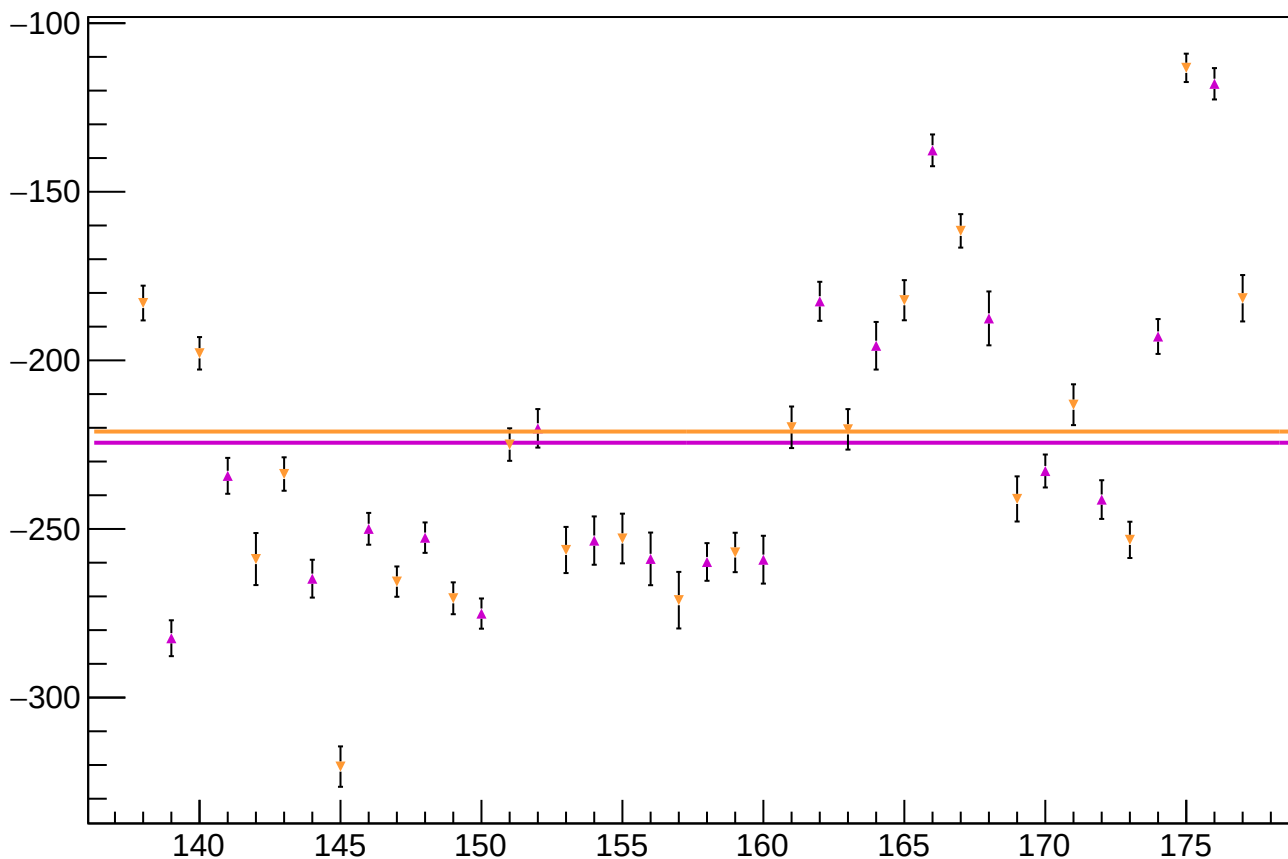
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 8.765+/-0.017 χ^2/NDF :962621.1/35

Out: 7.368+/-0.017 χ^2/NDF :1324866.0/38

All: 8.065+/-0.012 χ^2/NDF : 2290859.0/74

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: -221.108+/-1.220 χ^2/NDF :1633.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -224.426+/-1.259 χ^2/NDF :1471.9/18

Left: -222.716+/-0.876 χ^2/NDF : 3108.5/39

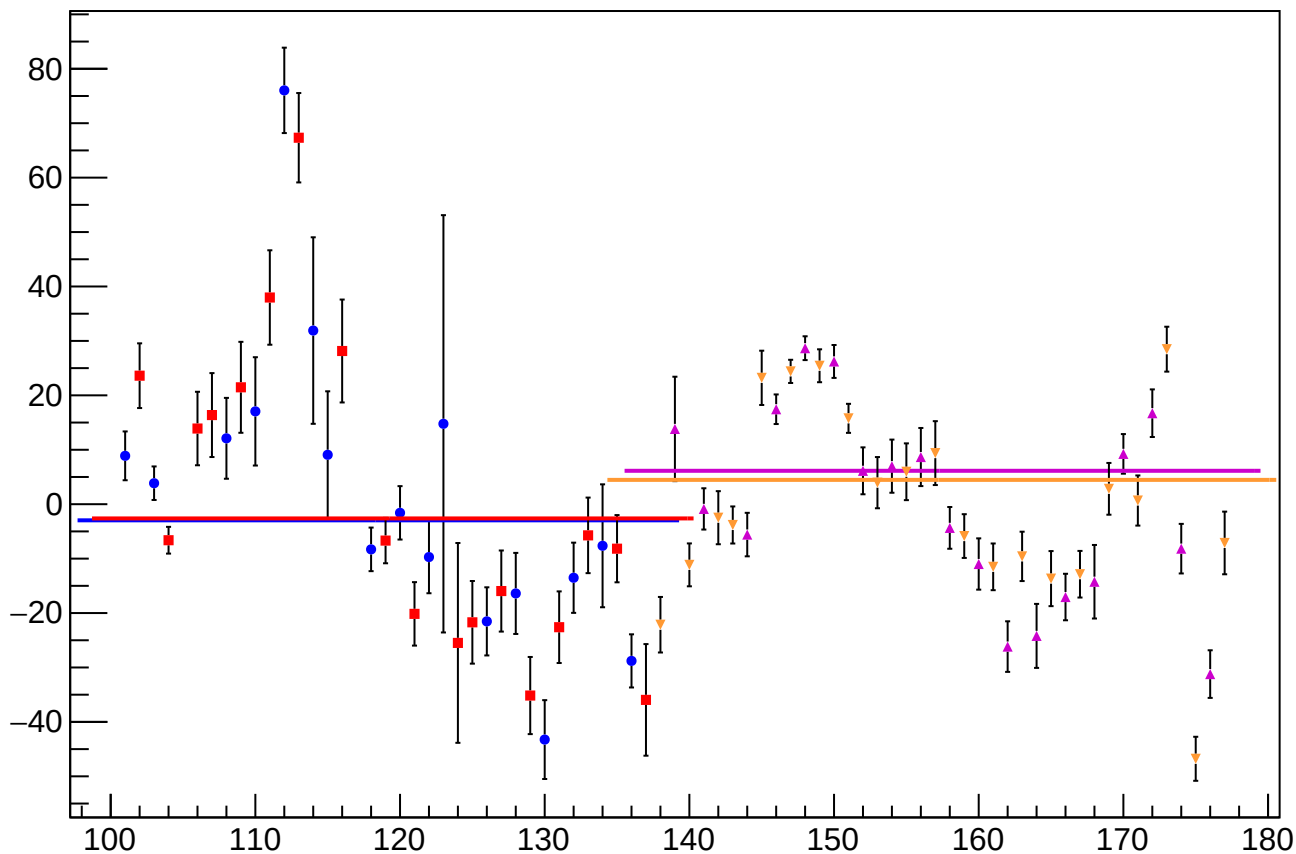
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -224.426+/-1.259 χ^2/NDF :1471.9/18

Out: -221.108+/-1.220 χ^2/NDF :1633.1/20

All: -222.716+/-0.876 χ^2/NDF : 3108.5/39

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 4.467 ± 0.860 χ^2/NDF : 477.9/20

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 6.137 ± 0.905 χ^2/NDF : 404.1/18

Left: 5.259 ± 0.623 χ^2/NDF : 883.8/39

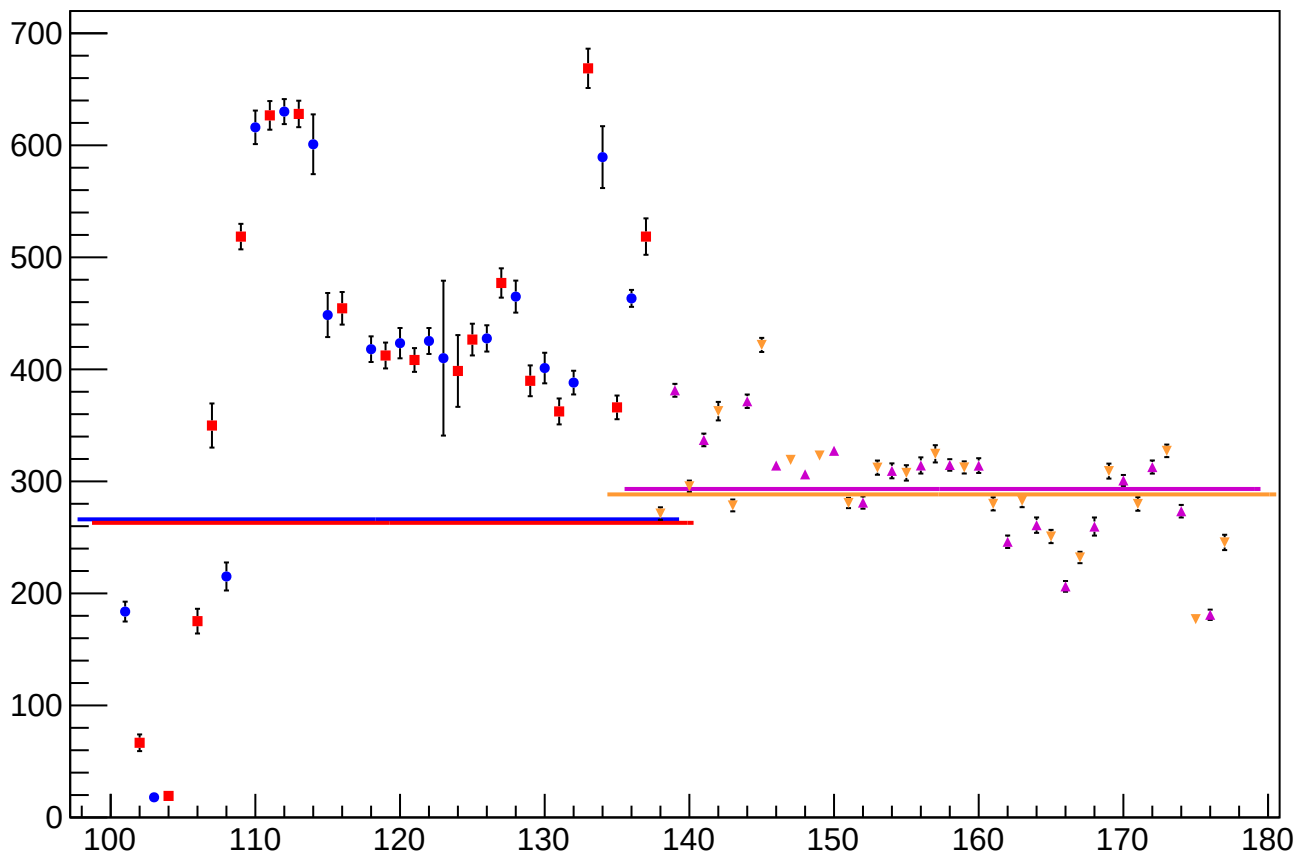
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 3.592 ± 0.768 χ^2/NDF : 635.9/35

Out: 2.525 ± 0.733 χ^2/NDF : 707.0/38

All: 3.033 ± 0.530 χ^2/NDF : 1344.0/74

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: 288.373 $\pm$ 1.210 χ^2 /NDF:1696.3/20

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 293.238 $\pm$ 1.242 χ^2 /NDF:1668.2/18

Left: 290.742 $\pm$ 0.866 χ^2 /NDF: 3372.4/39

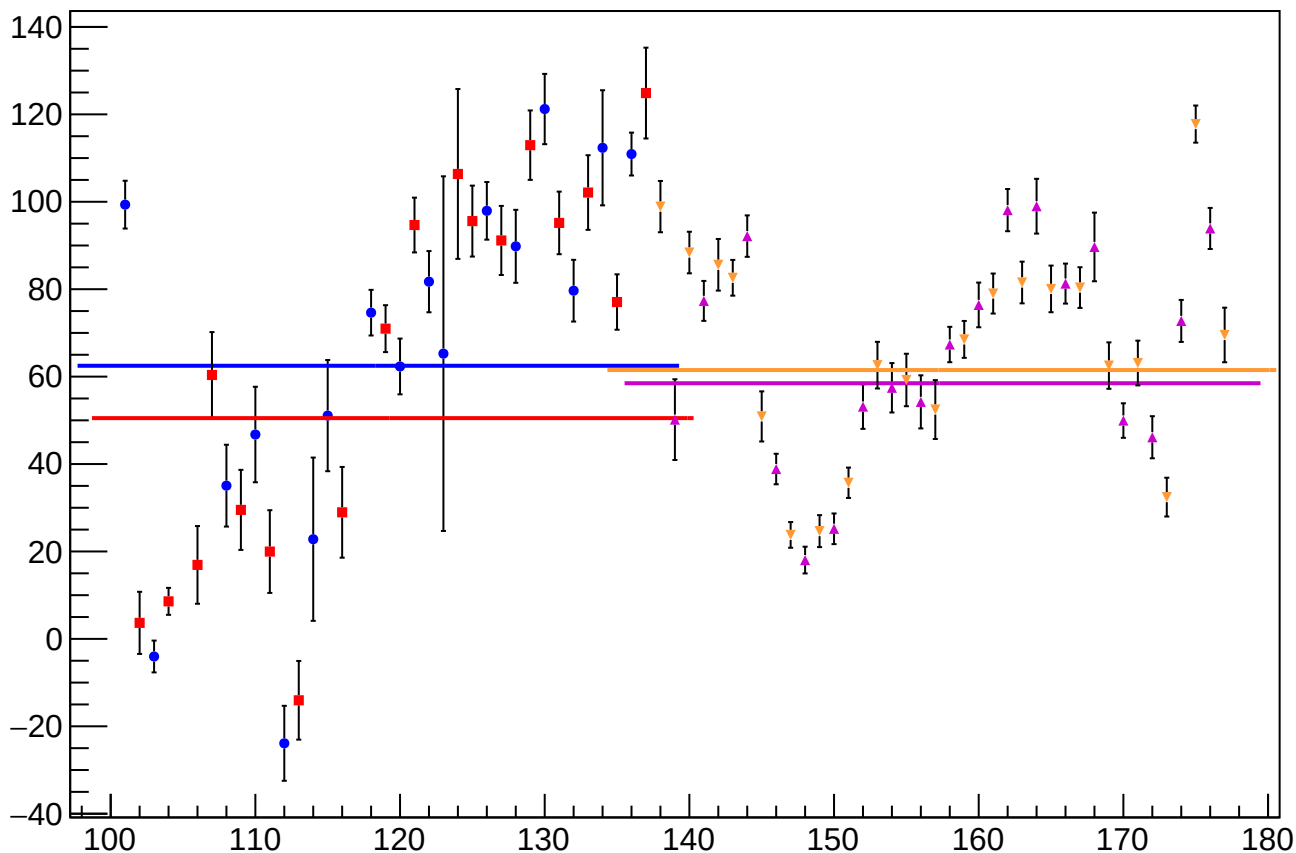
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 287.802 $\pm$ 1.110 χ^2 /NDF:9407.9/35

Out: 283.453 $\pm$ 1.086 χ^2 /NDF:9953.6/38

All: 285.580 $\pm$ 0.776 χ^2 /NDF: 19369.3/74

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 61.502 $\pm$ 1.007 χ^2 /NDF:726.6/20

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 58.490 $\pm$ 1.055 χ^2 /NDF:610.2/18

Left: 60.065 $\pm$ 0.729 χ^2 /NDF: 1341.0/39

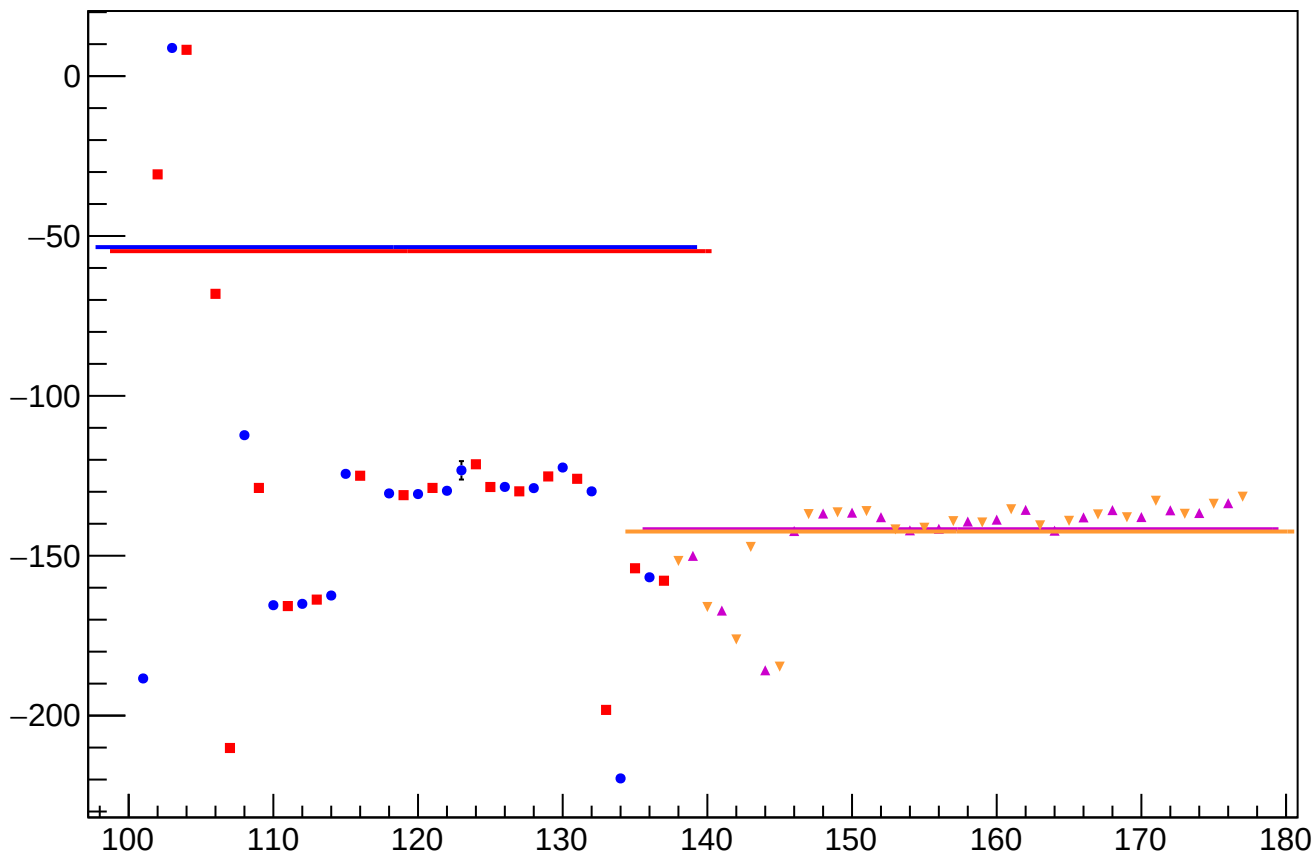
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 59.618 $\pm$ 0.893 χ^2 /NDF:1335.0/35

Out: 58.501 $\pm$ 0.859 χ^2 /NDF:1409.7/38

All: 59.038 $\pm$ 0.619 χ^2 /NDF: 2745.5/74

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -142.430+/-0.049 χ^2/NDF : 64173.7/20

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -141.713+/-0.049 χ^2/NDF : 49204.5/18

Left: -142.077+/-0.035 χ^2/NDF : 113485.5/39

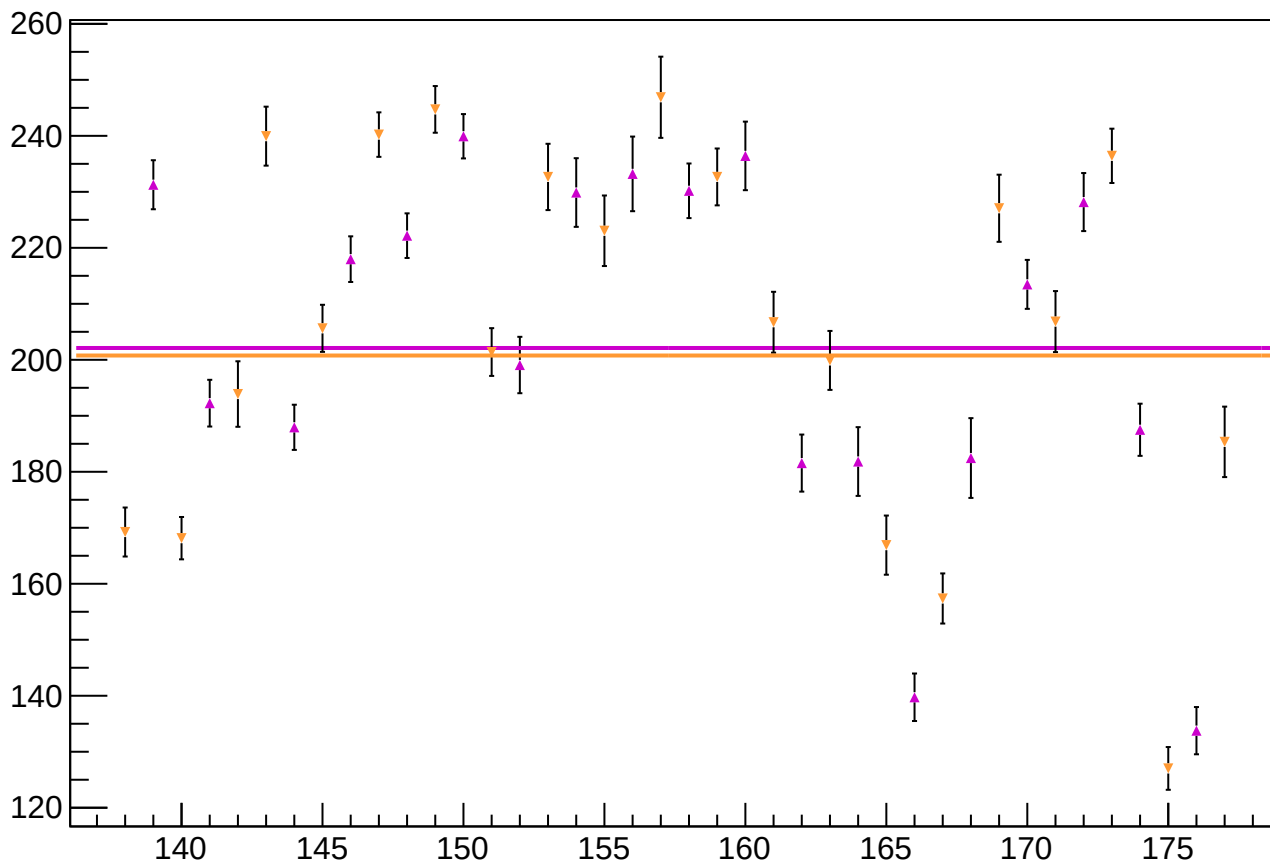
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -112.633+/-0.040 χ^2/NDF : 2333709.6/35

Out: -115.045+/-0.040 χ^2/NDF : 2032745.6/38

All: -113.841+/-0.029 χ^2/NDF : 4368243.0/74

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: 200.767+/-1.063 χ^2/NDF :1105.3/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.111+/-1.086 χ^2/NDF :856.4/18

Left: 201.424+/-0.760 χ^2/NDF : 1962.5/39

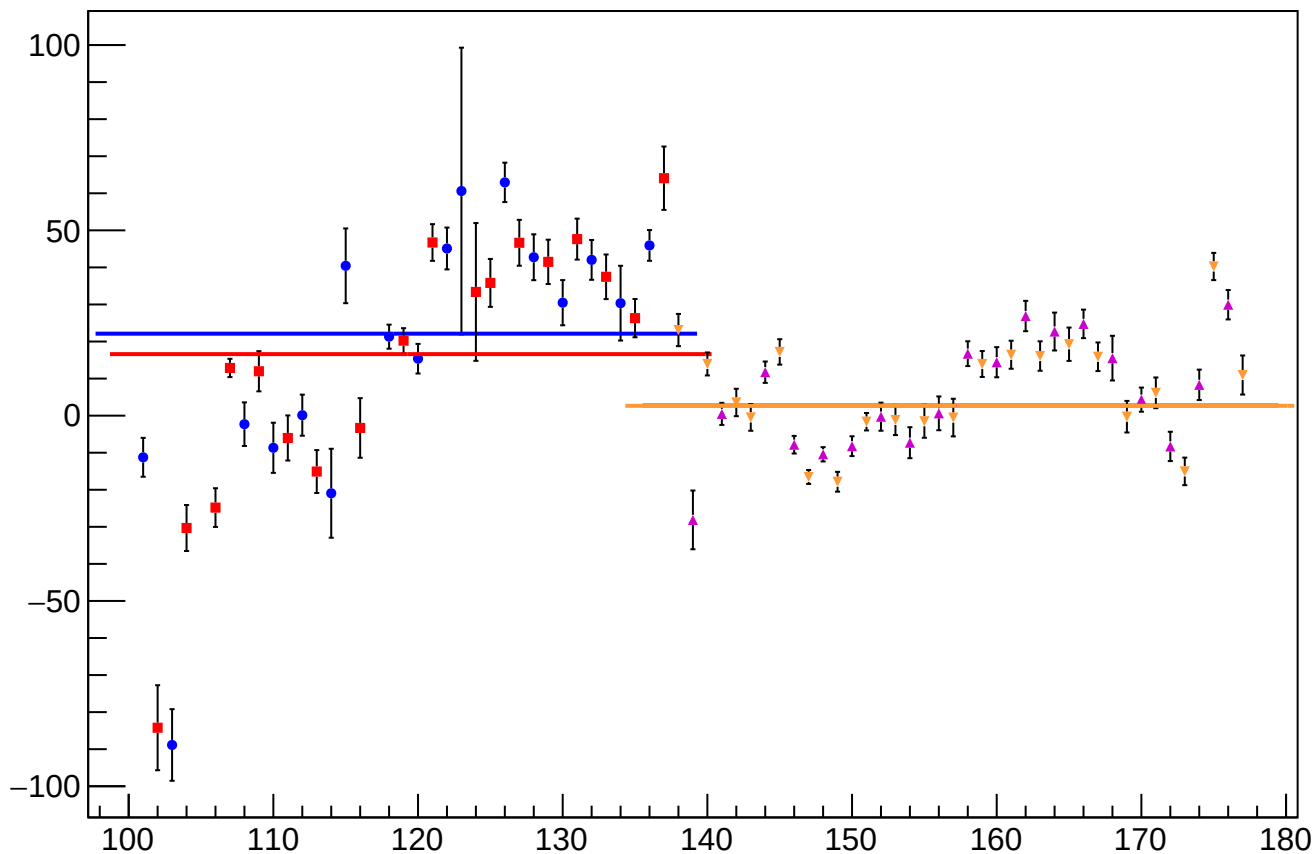
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.111+/-1.086 χ^2/NDF :856.4/18

Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

All: 201.424+/-0.760 χ^2/NDF : 1962.5/39

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: 2.652+/-0.752 χ^2/NDF : 413.9/20

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 2.739+/-0.783 χ^2/NDF : 285.0/18

Left: 2.694+/-0.542 χ^2/NDF : 699.0/39

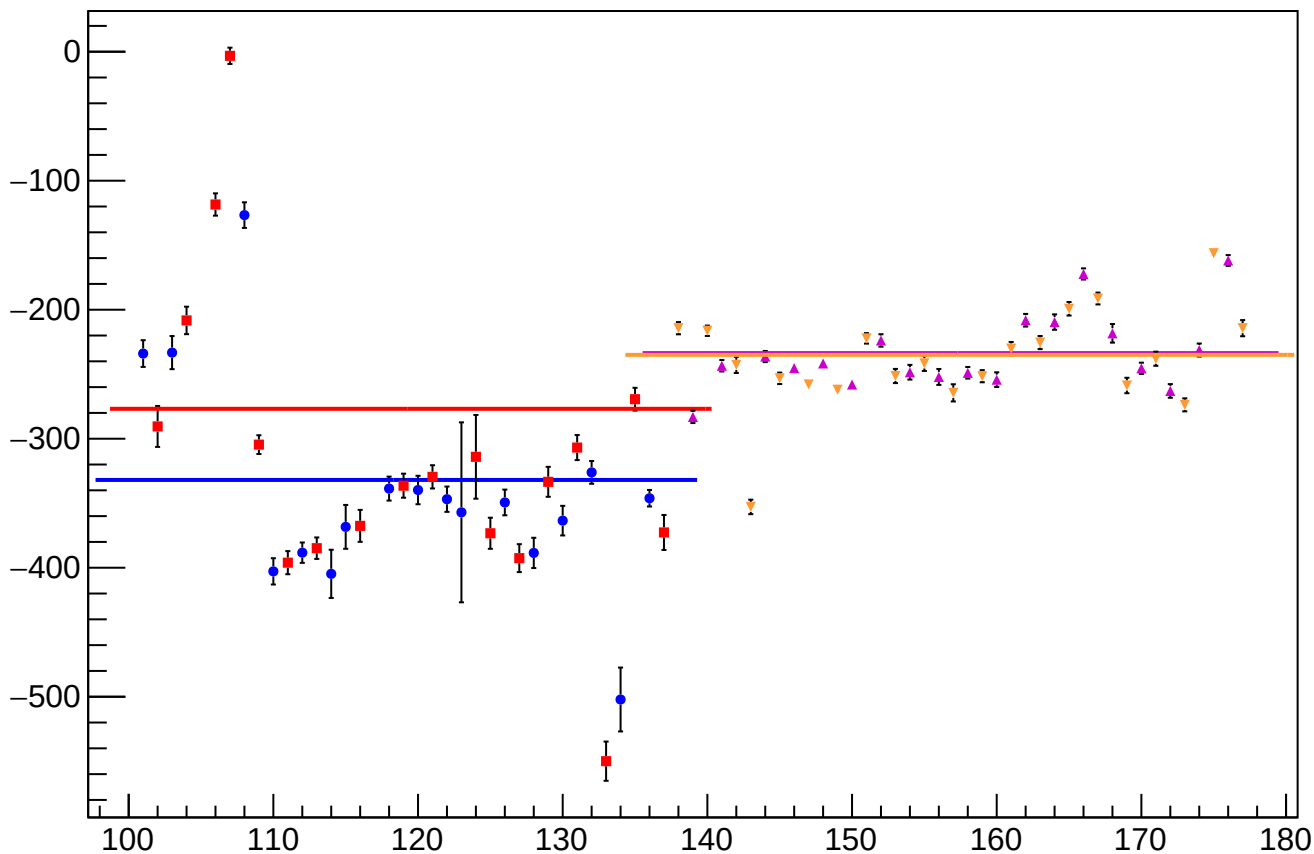
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 7.473+/-0.680 χ^2/NDF : 816.8/35

Out: 6.449+/-0.641 χ^2/NDF : 924.5/38

All: 6.931+/-0.467 χ^2/NDF : 1742.6/74

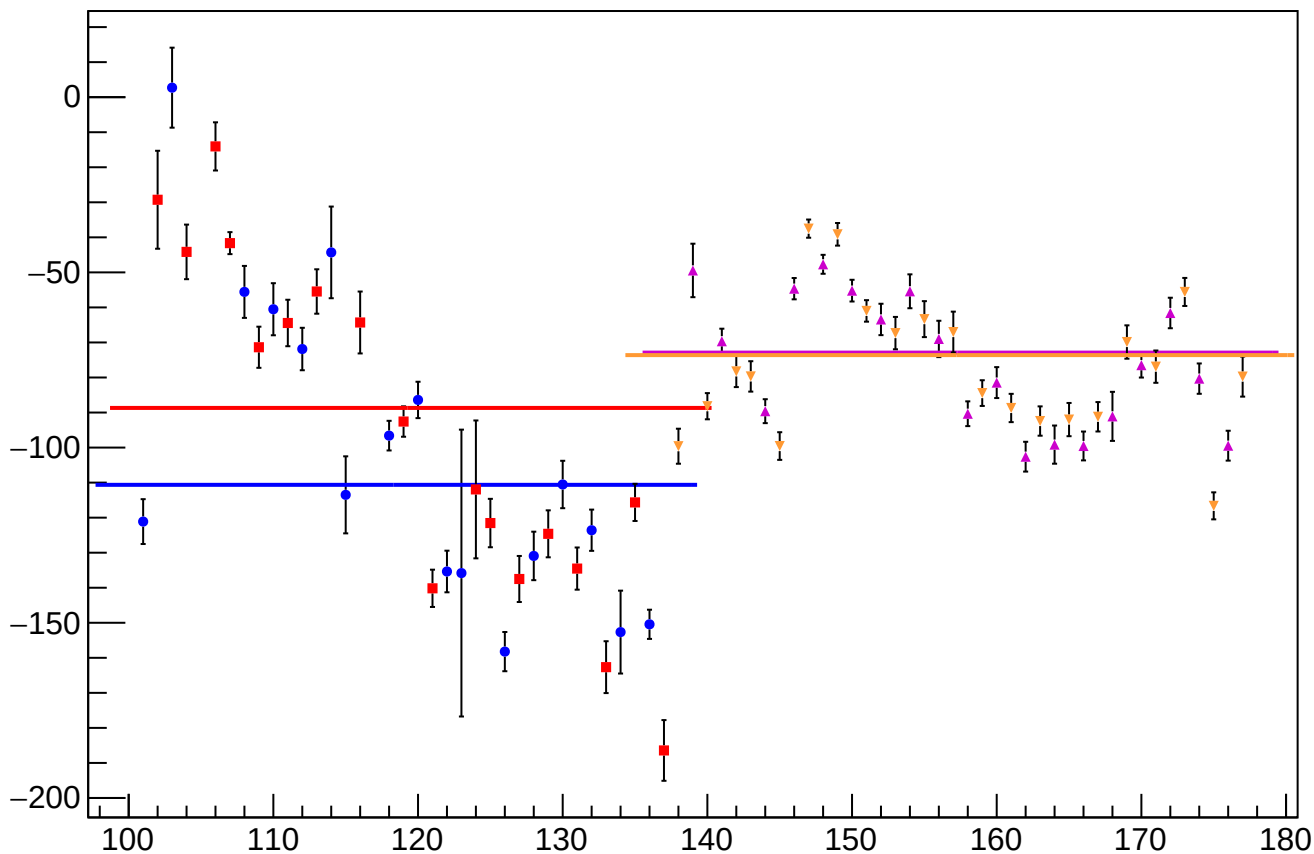
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$
 Left Out: -234.991 ± 1.056 $\chi^2/\text{NDF}: 1292.0/20$
 Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$
 Left In: -233.641 ± 1.074 $\chi^2/\text{NDF}: 798.6/18$

Left: -234.328 ± 0.753 $\chi^2/\text{NDF}: 2091.4/39$
 Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$
 In: -248.292 ± 0.991 $\chi^2/\text{NDF}: 2832.1/35$
 Out: -242.118 ± 0.962 $\chi^2/\text{NDF}: 4889.7/38$
 All: -245.113 ± 0.690 $\chi^2/\text{NDF}: 7741.7/74$

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: -73.611 ± 0.881 χ^2/NDF : 642.4/20

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -72.896 ± 0.913 χ^2/NDF : 406.2/18

Left: -73.266 ± 0.634 χ^2/NDF : 1049.0/39

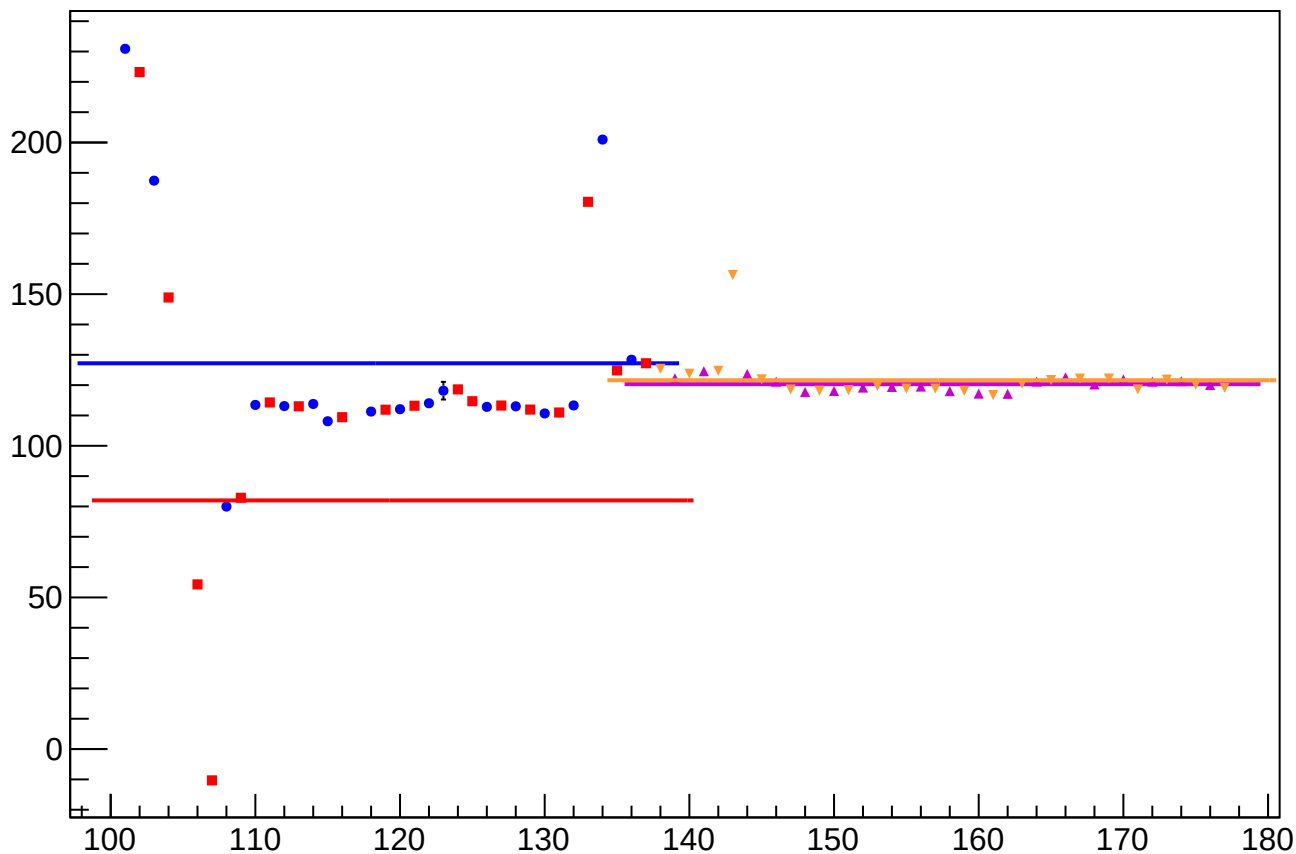
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.326 ± 0.790 χ^2/NDF : 1342.4/35

Out: -77.738 ± 0.751 χ^2/NDF : 1686.6/38

All: -79.914 ± 0.544 χ^2/NDF : 3046.7/74

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: 121.618 $\pm$ 0.042 χ^2 /NDF: 27217.4/20

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.313 $\pm$ 0.043 χ^2 /NDF: 2560.7/18

Left: 120.970 $\pm$ 0.030 χ^2 /NDF: 30248.5/39

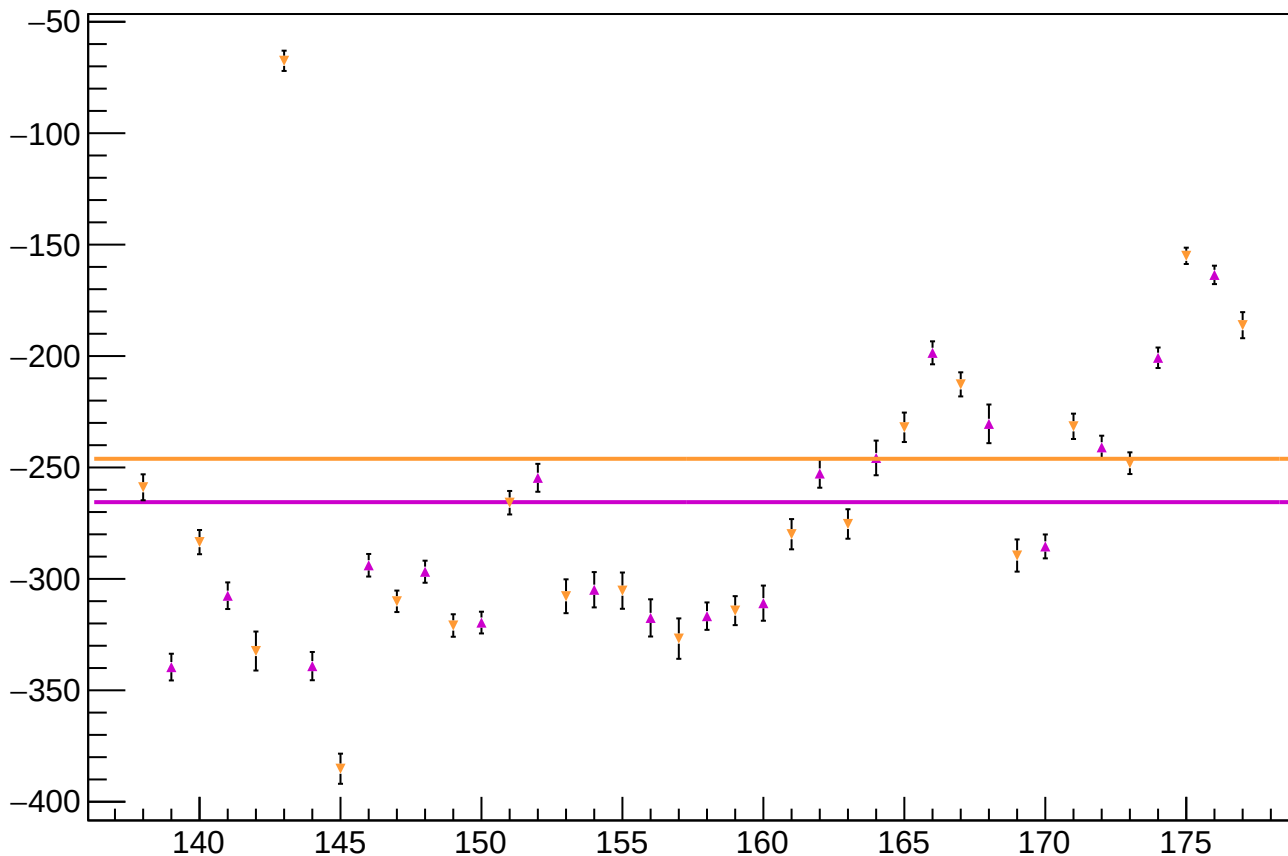
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.598 $\pm$ 0.038 χ^2 /NDF: 195449.8/35

Out: 112.119 $\pm$ 0.037 χ^2 /NDF: 986536.2/38

All: 116.667 $\pm$ 0.027 χ^2 /NDF: 1213543.2/74

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -246.102 ± 1.259 χ^2/NDF : 3683.7/20

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -265.562 ± 1.324 χ^2/NDF : 1738.5/18

Left: -255.342 ± 0.913 χ^2/NDF : 5535.6/39

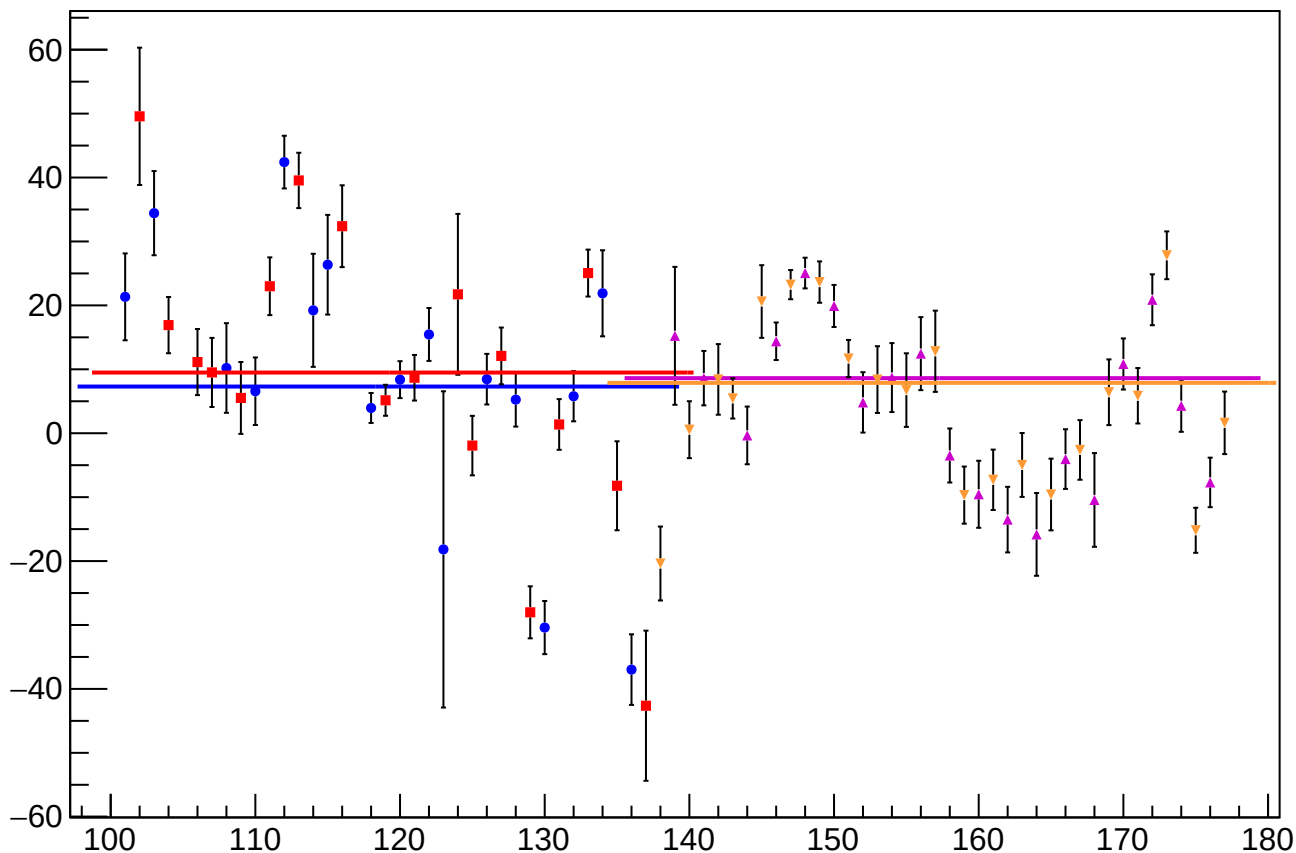
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -265.562 ± 1.324 χ^2/NDF : 1738.5/18

Out: -246.102 ± 1.259 χ^2/NDF : 3683.7/20

All: -255.342 ± 0.913 χ^2/NDF : 5535.6/39

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 7.879 $\pm$ 0.898 χ^2 /NDF:224.0/20

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 8.617 $\pm$ 0.964 χ^2 /NDF:163.8/18

Left: 8.222 $\pm$ 0.657 χ^2 /NDF: 388.1/39

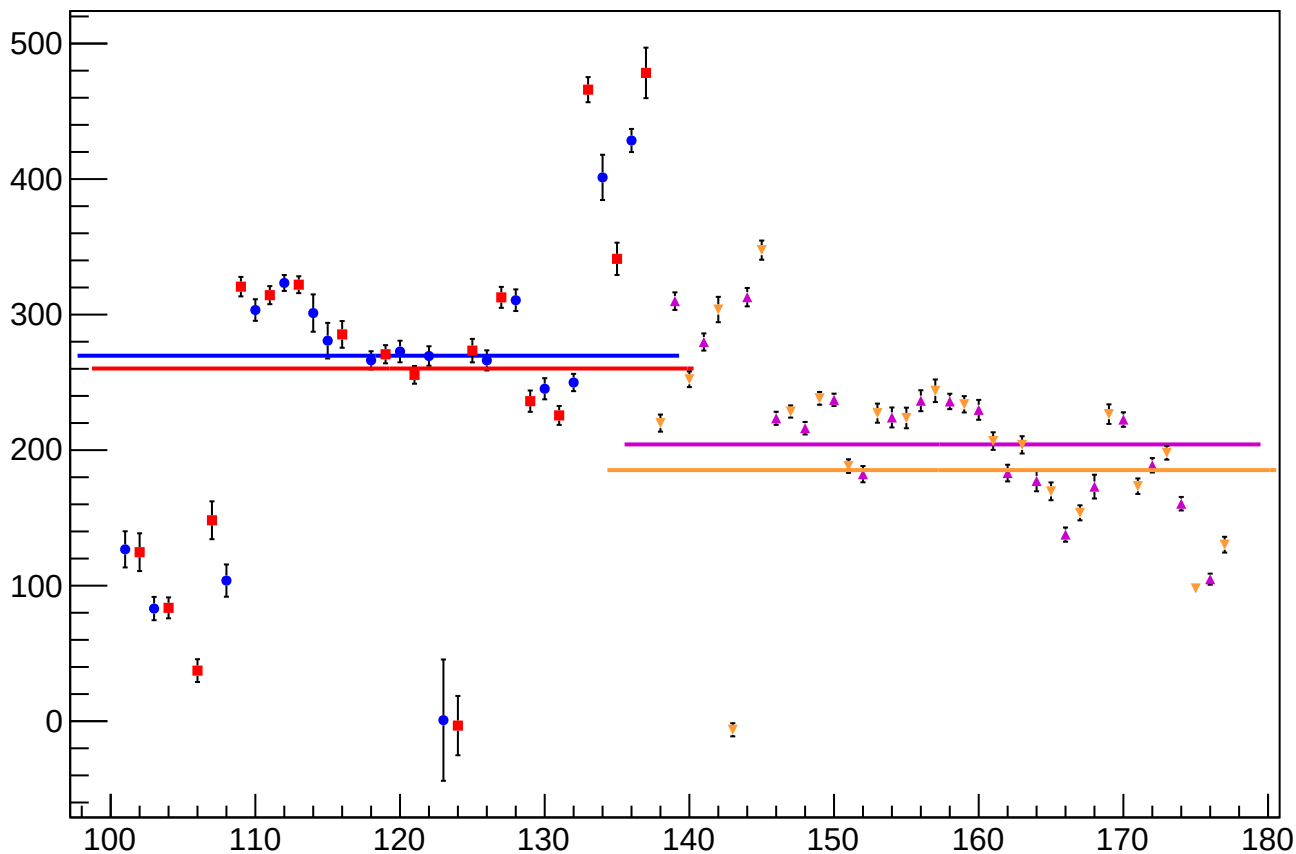
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.037 $\pm$ 0.721 χ^2 /NDF:425.3/35

Out: 8.544 $\pm$ 0.689 χ^2 /NDF:456.4/38

All: 8.302 $\pm$ 0.498 χ^2 /NDF: 881.9/74

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: 185.256 $\pm$ 1.251 χ^2 /NDF:3562.1/20

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 204.212 $\pm$ 1.310 χ^2 /NDF:1705.0/18

Left: 194.299 $\pm$ 0.905 χ^2 /NDF: 5376.6/39

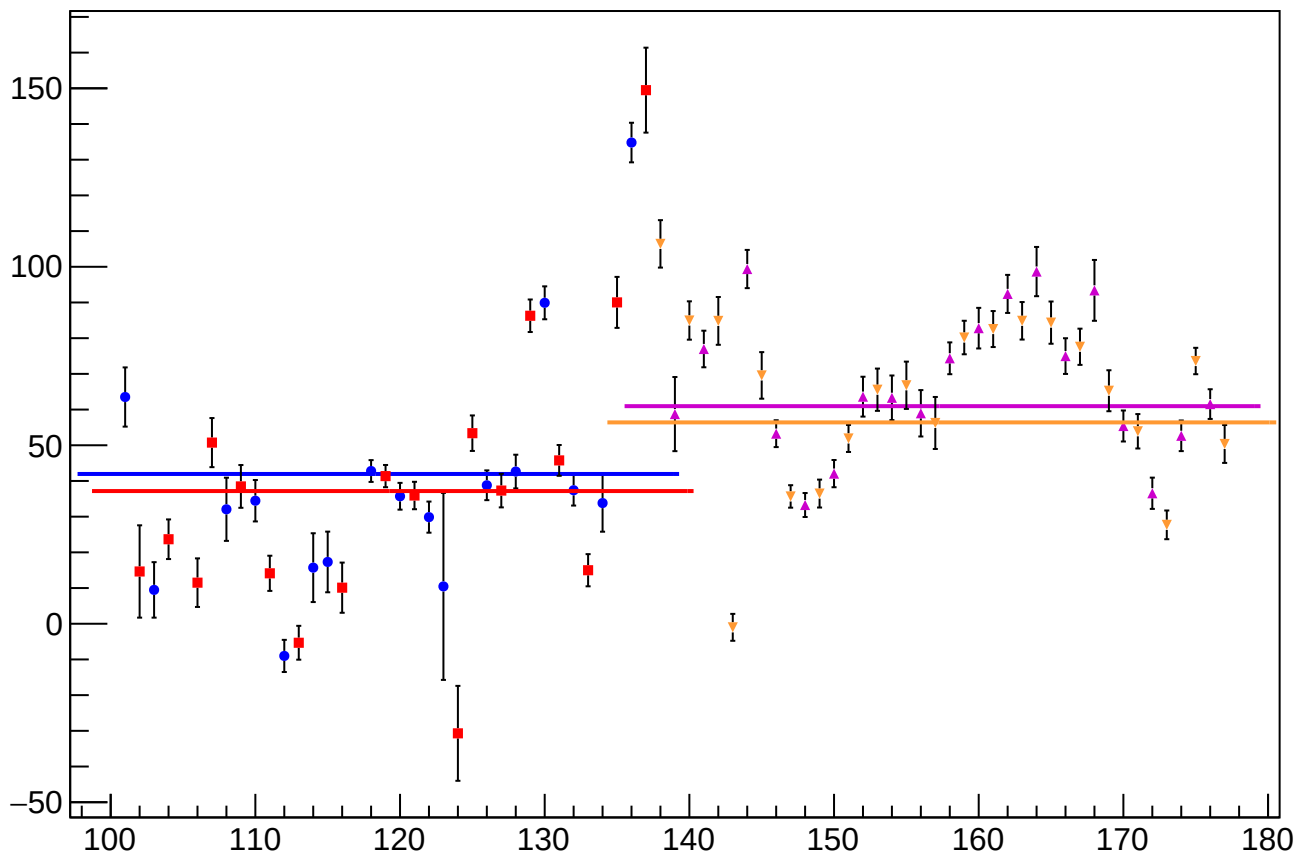
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 222.846 $\pm$ 1.108 χ^2 /NDF:3792.6/35

Out: 206.663 $\pm$ 1.057 χ^2 /NDF:7115.6/38

All: 214.379 $\pm$ 0.765 χ^2 /NDF: 11019.9/74

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 56.406+/-1.047 χ^2/NDF : 612.8/20

Right Out: 37.171+/-1.236 χ^2/NDF : 470.9/17

Left In: 60.955+/-1.118 χ^2/NDF : 305.7/18

Left: 58.532+/-0.764 χ^2/NDF : 927.4/39

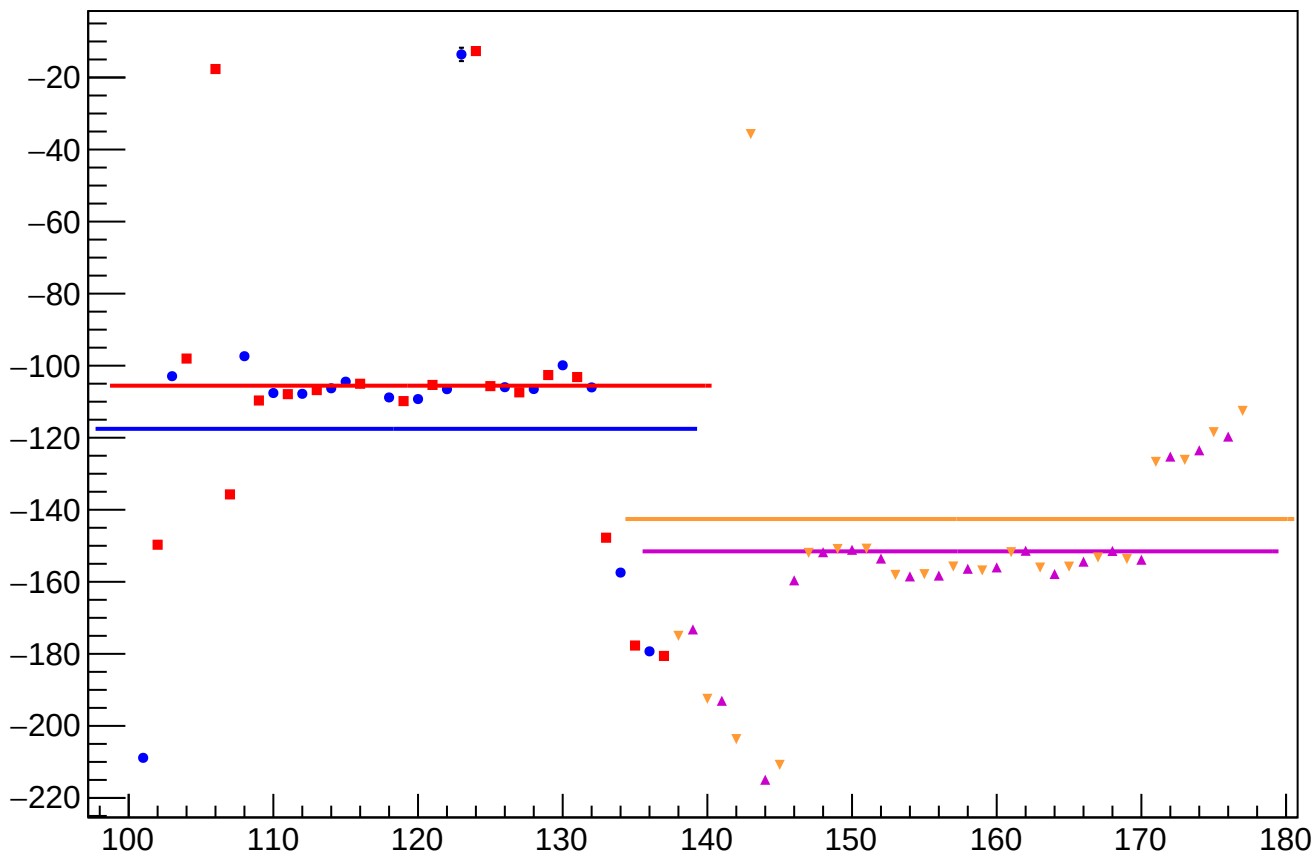
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 52.574+/-0.836 χ^2/NDF : 1007.4/35

Out: 48.369+/-0.799 χ^2/NDF : 1224.7/38

All: 50.377+/-0.578 χ^2/NDF : 2245.2/74

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -142.568 ± 0.050 $\chi^2/\text{NDF}: 521366.4/20$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -151.548 ± 0.052 $\chi^2/\text{NDF}: 157226.5/18$

Left: -146.917 ± 0.036 $\chi^2/\text{NDF}: 693972.3/39$

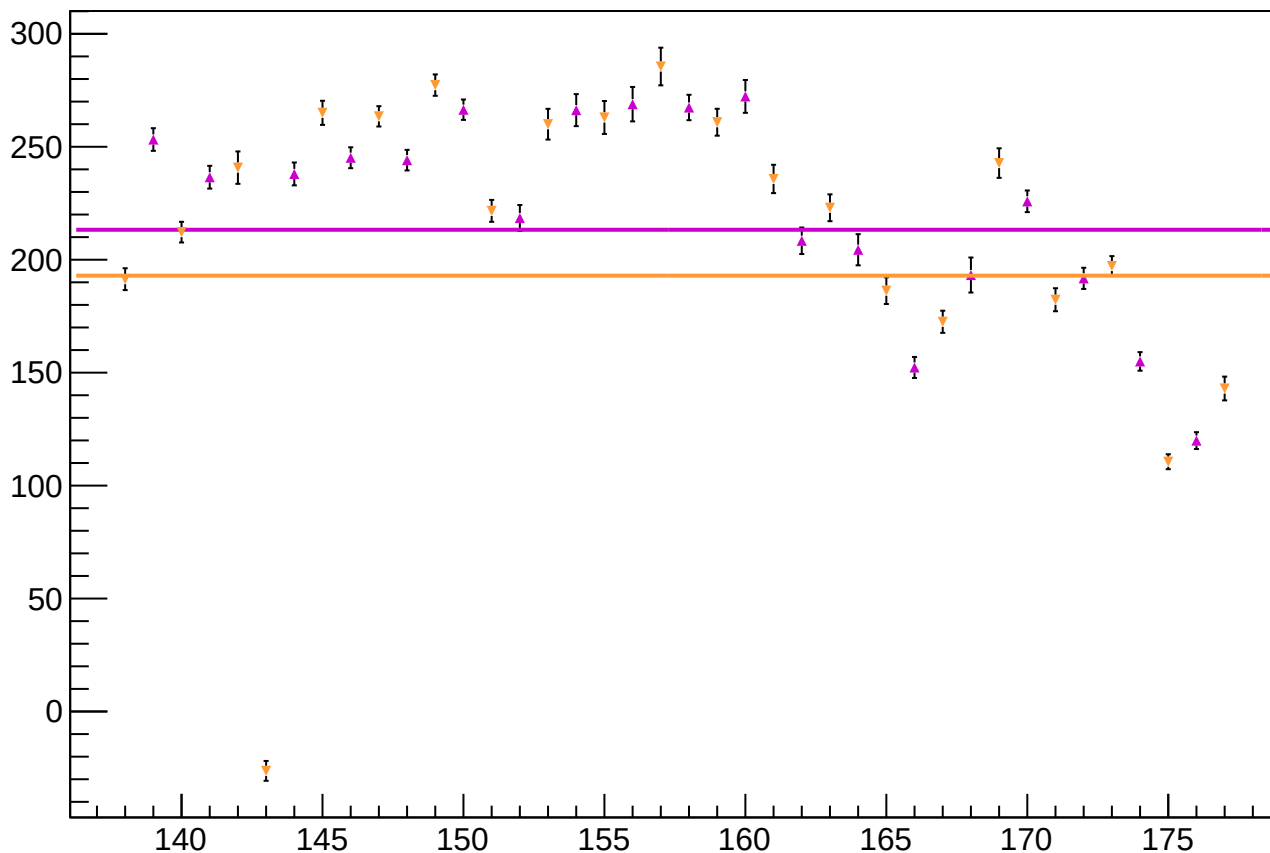
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -141.104 ± 0.043 $\chi^2/\text{NDF}: 430629.1/35$

Out: -130.593 ± 0.041 $\chi^2/\text{NDF}: 1013313.8/38$

All: -135.620 ± 0.030 $\chi^2/\text{NDF}: 1474697.7/74$

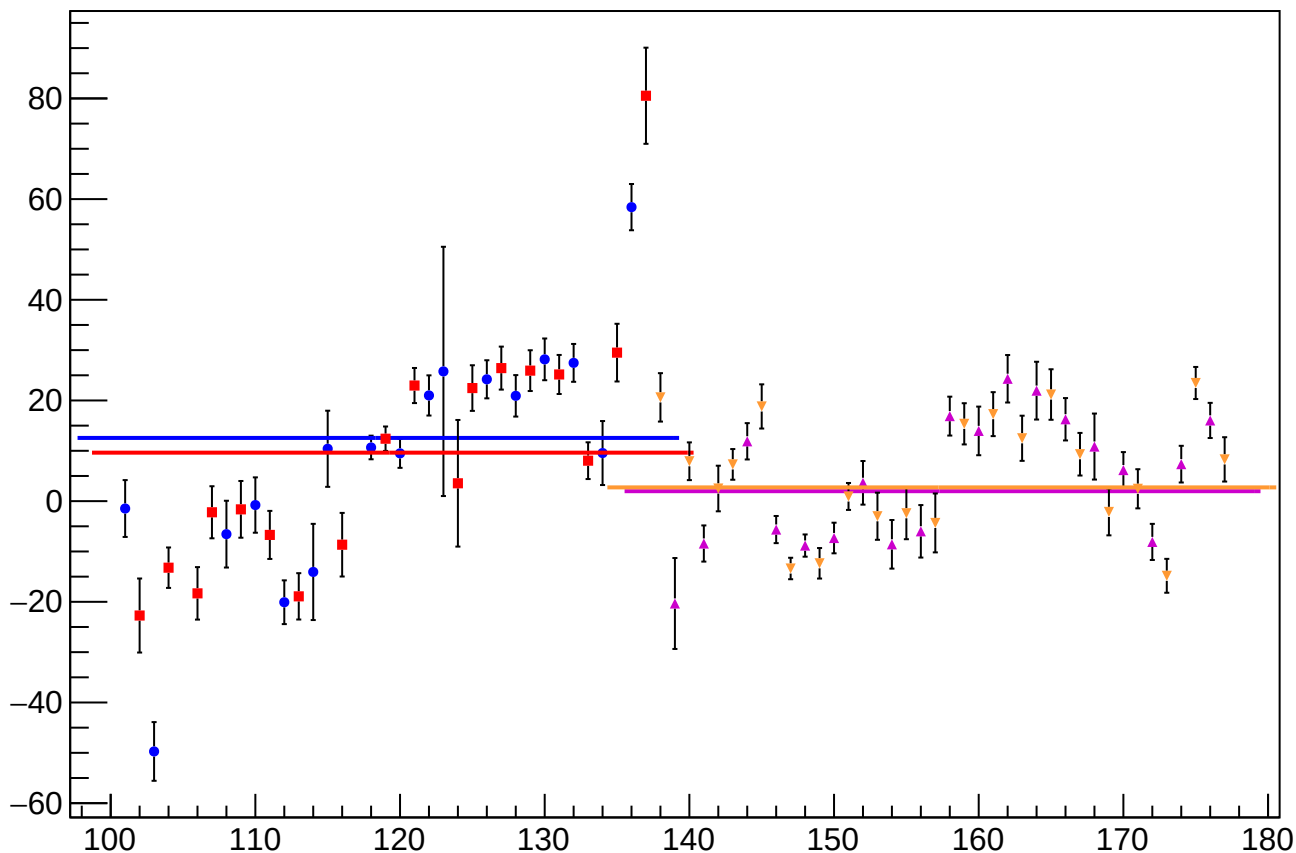
reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 192.947+/-1.131 χ^2/NDF :4637.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 213.265+/-1.184 χ^2/NDF :1645.4/18

Left: 202.643+/-0.818 χ^2/NDF : 6436.5/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 213.265+/-1.184 χ^2/NDF :1645.4/18
 Out: 192.947+/-1.131 χ^2/NDF :4637.2/20
 All: 202.643+/-0.818 χ^2/NDF : 6436.5/39

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.731+/-0.813 χ^2/NDF : 231.2/20

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 1.976+/-0.868 χ^2/NDF : 167.1/18

Left: 2.378+/-0.593 χ^2/NDF : 398.8/39

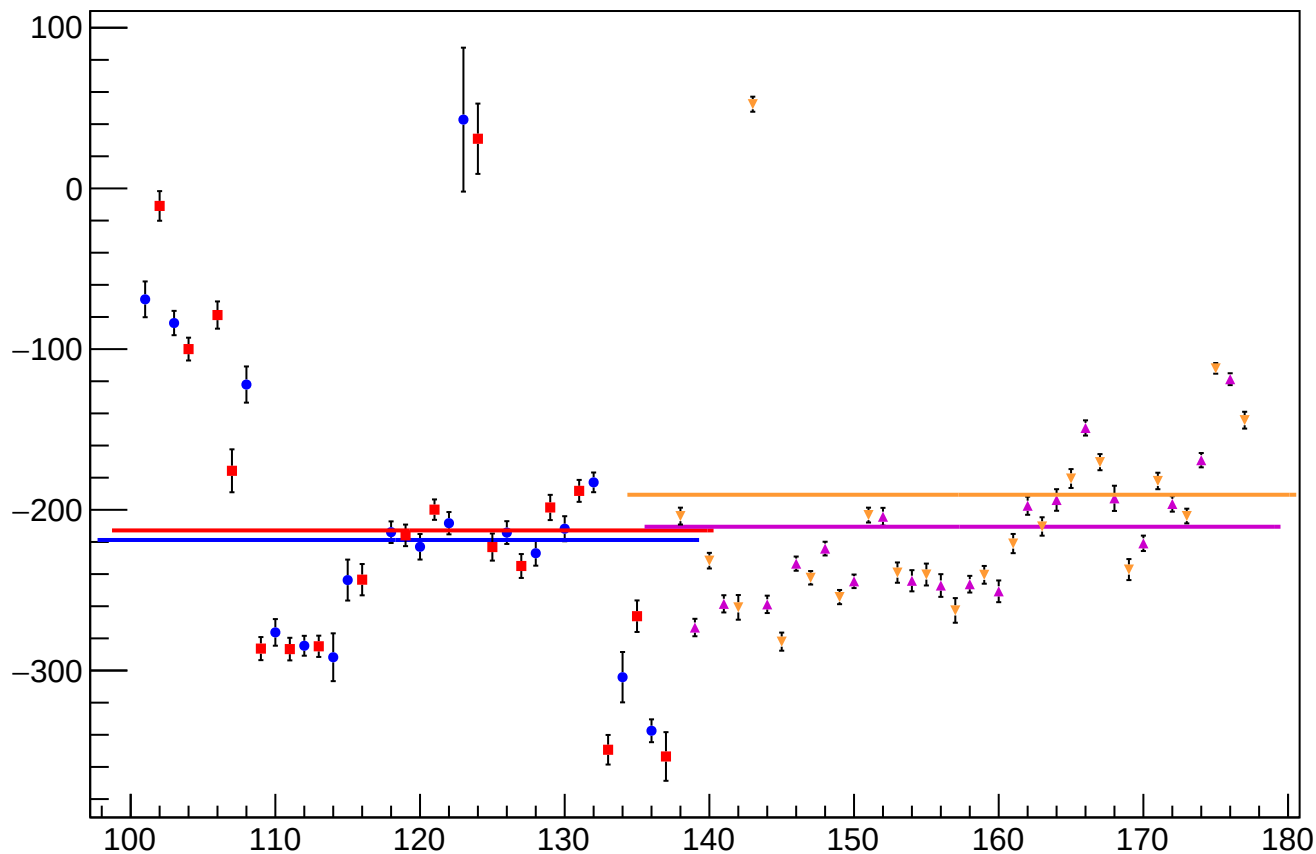
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.234+/-0.671 χ^2/NDF : 575.5/35

Out: 5.321+/-0.643 χ^2/NDF : 545.7/38

All: 5.758+/-0.464 χ^2/NDF : 1122.2/74

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: -190.621 ± 1.127 $\chi^2/\text{NDF}: 4521.8/20$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -210.529 ± 1.174 $\chi^2/\text{NDF}: 1435.4/18$

Left: -200.163 ± 0.813 $\chi^2/\text{NDF}: 6106.8/39$

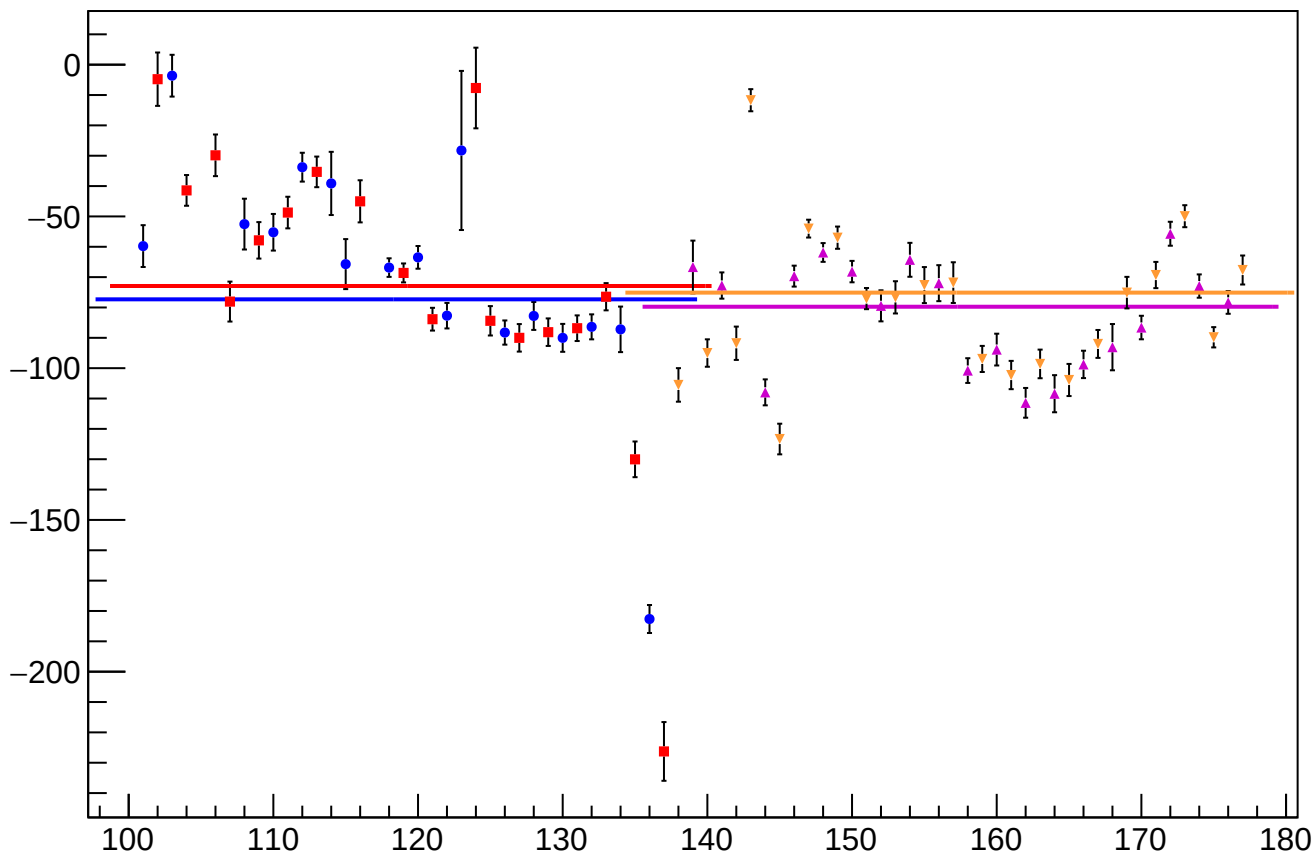
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -212.626 ± 1.014 $\chi^2/\text{NDF}: 2592.3/35$

Out: -196.279 ± 0.973 $\chi^2/\text{NDF}: 6445.2/38$

All: -204.112 ± 0.702 $\chi^2/\text{NDF}: 9172.9/74$

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: -75.106 ± 0.947 χ^2/NDF : 729.3/20

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -79.755 ± 1.005 χ^2/NDF : 272.5/18

Left: -77.291 ± 0.689 χ^2/NDF : 1013.2/39

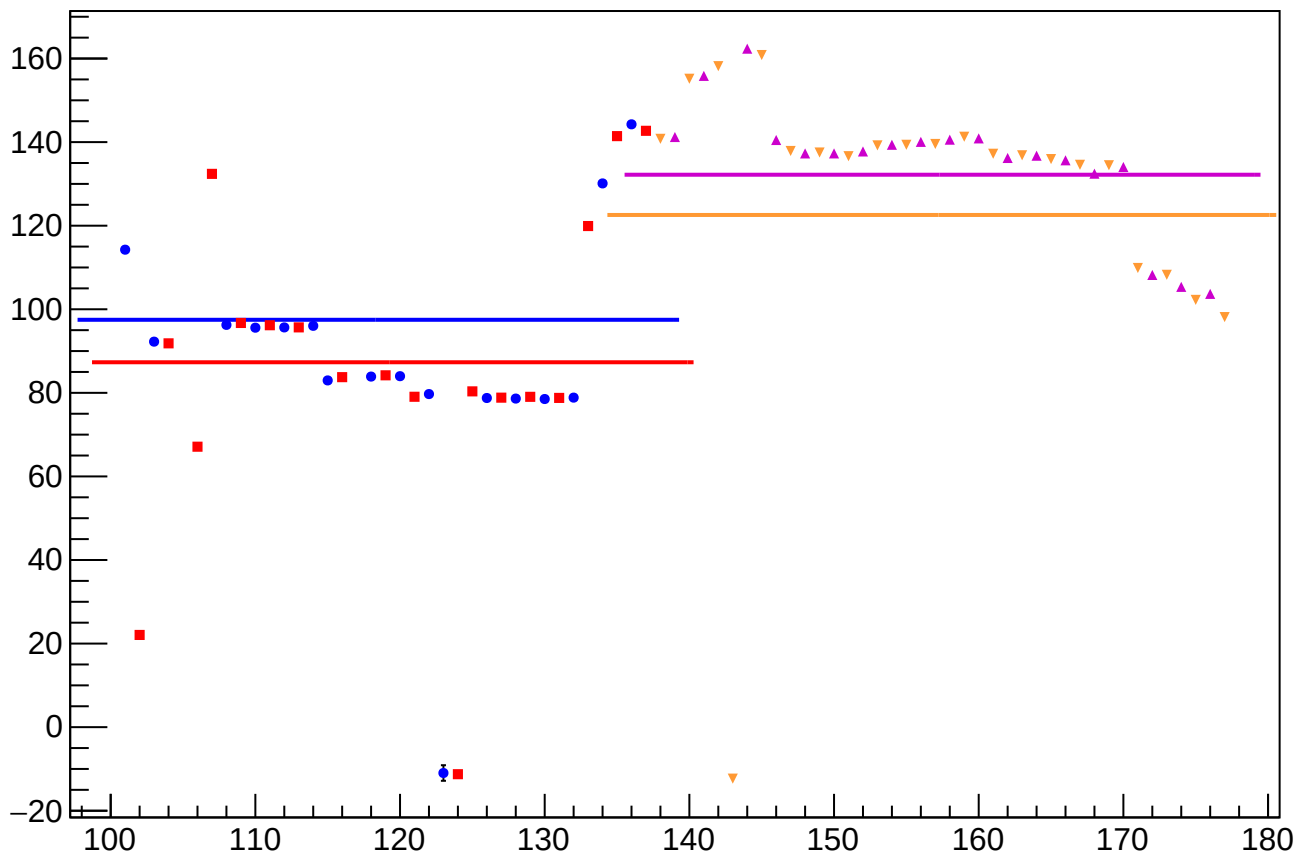
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.772 ± 0.776 χ^2/NDF : 1092.6/35

Out: -74.275 ± 0.745 χ^2/NDF : 1392.2/38

All: -76.431 ± 0.537 χ^2/NDF : 2502.2/74

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: 122.567 ± 0.045 χ^2/NDF : 688194.9/20

Right Out: 87.318 ± 0.068 χ^2/NDF : 221863.6/17

Left In: 132.196 ± 0.047 χ^2/NDF : 116529.0/18

Left: 127.251 ± 0.032 χ^2/NDF : 826654.6/39

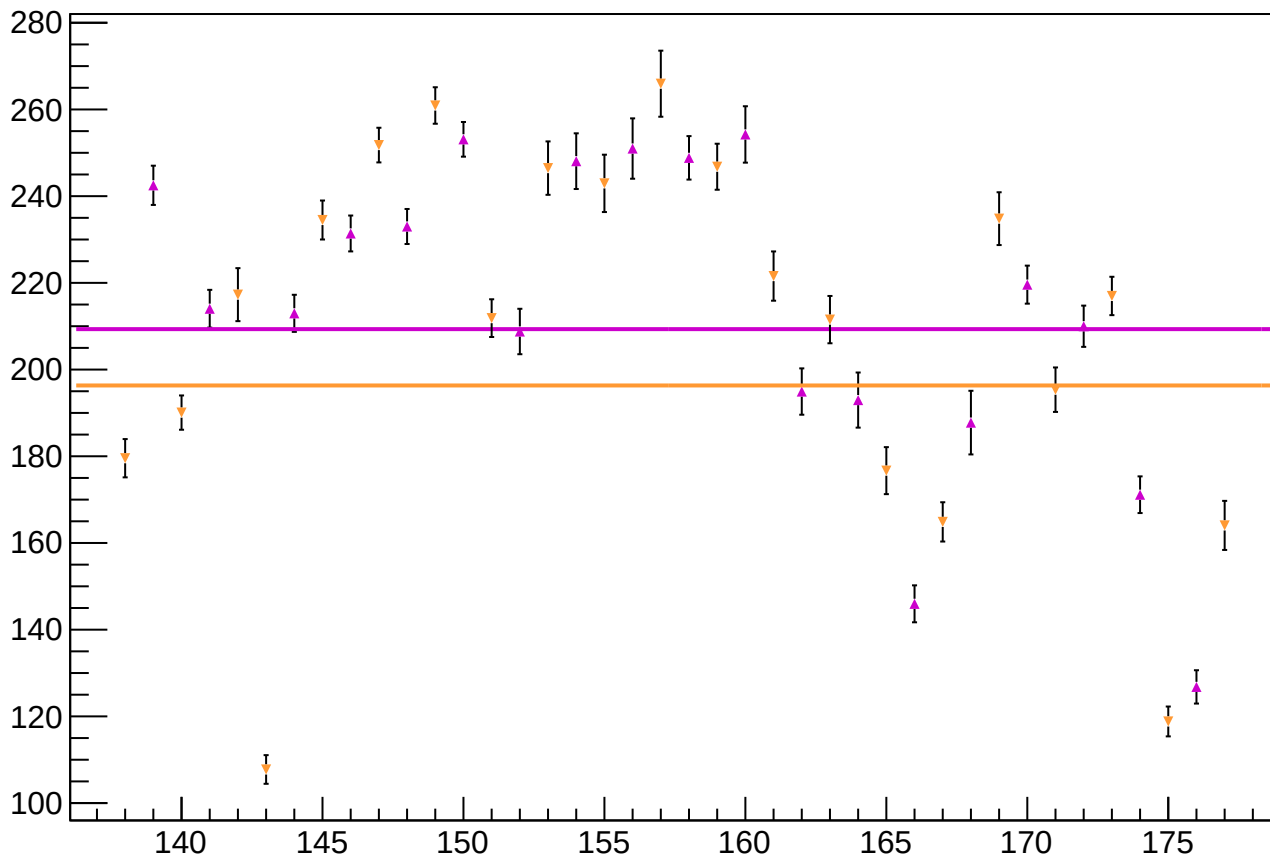
Right: 92.040 ± 0.050 χ^2/NDF : 326534.9/34

In: 122.219 ± 0.039 χ^2/NDF : 370447.7/35

Out: 111.791 ± 0.038 χ^2/NDF : 1094764.0/38

All: 116.796 ± 0.027 χ^2/NDF : 1501765.9/74

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: 196.333+/-1.034 χ^2/NDF :2238.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 209.328+/-1.094 χ^2/NDF :1211.5/18

Left: 202.465+/-0.751 χ^2/NDF : 3525.0/39

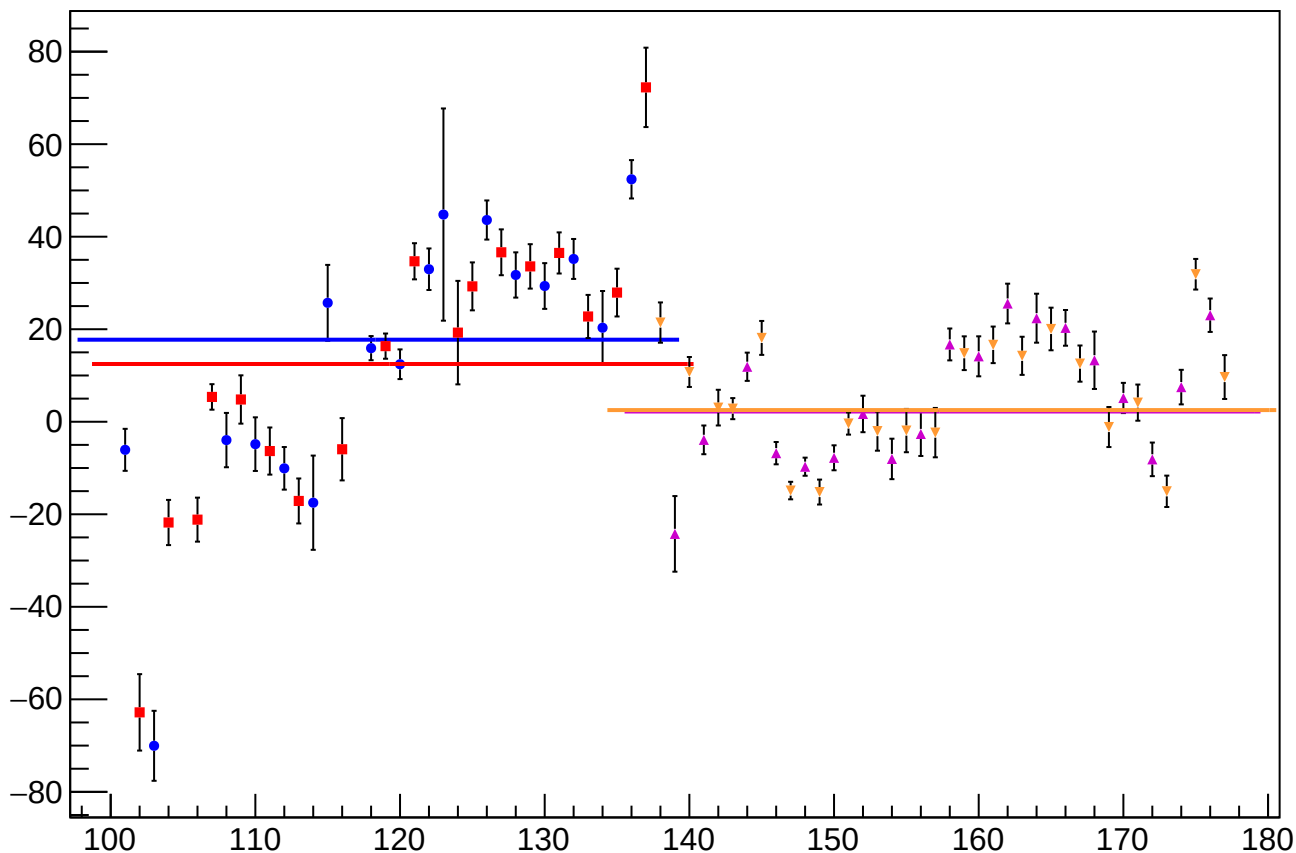
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 209.328+/-1.094 χ^2/NDF :1211.5/18

Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

All: 202.465+/-0.751 χ^2/NDF : 3525.0/39

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 2.521 ± 0.733 $\chi^2/\text{NDF}: 337.4/20$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 2.215 ± 0.792 $\chi^2/\text{NDF}: 234.4/18$

Left: 2.380 ± 0.538 $\chi^2/\text{NDF}: 571.9/39$

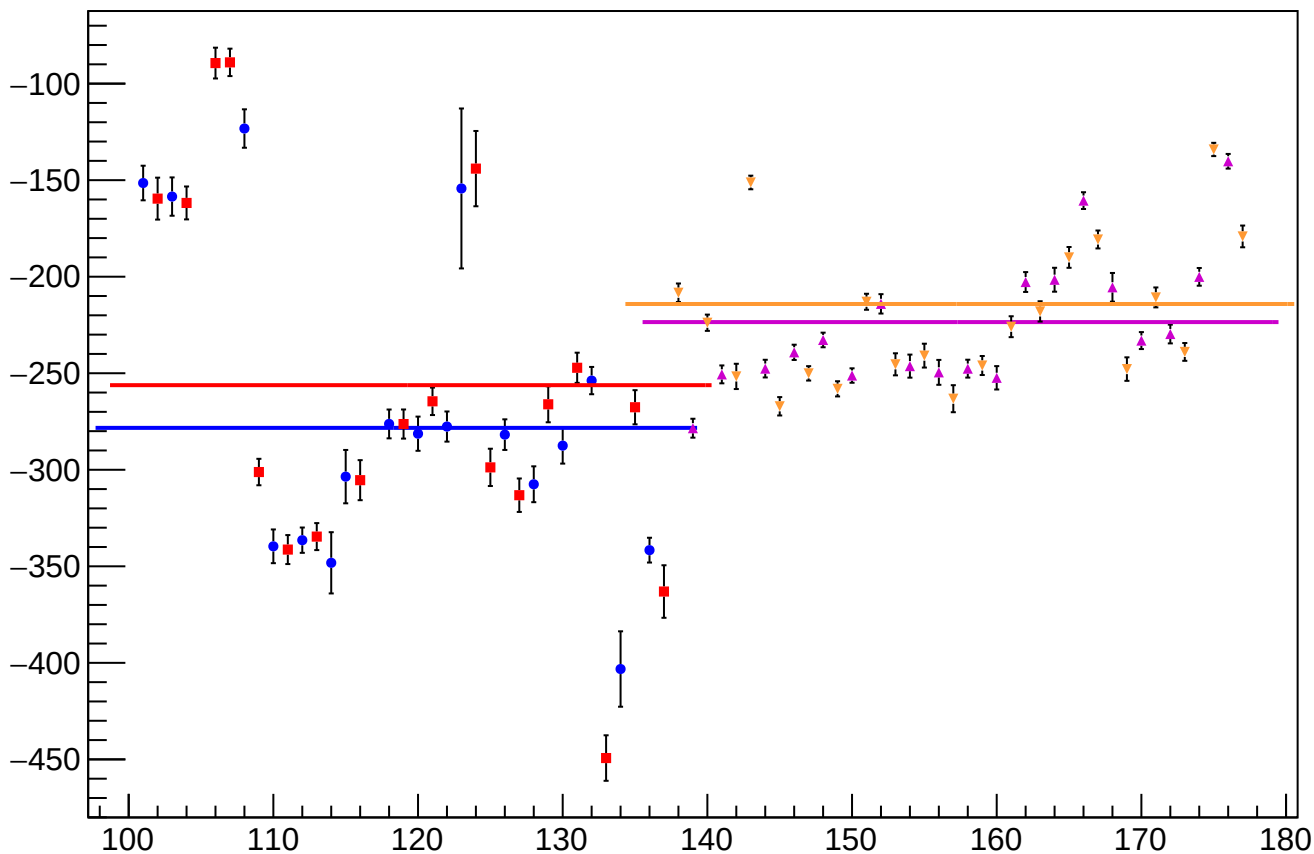
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 7.214 ± 0.652 $\chi^2/\text{NDF}: 752.2/35$

Out: 5.642 ± 0.607 $\chi^2/\text{NDF}: 824.4/38$

All: 6.373 ± 0.444 $\chi^2/\text{NDF}: 1579.8/74$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -214.134 ± 1.031 χ^2/NDF : 1557.3/20

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -223.508 ± 1.083 χ^2/NDF : 1104.9/18

Left: -218.592 ± 0.747 χ^2/NDF : 2701.5/39

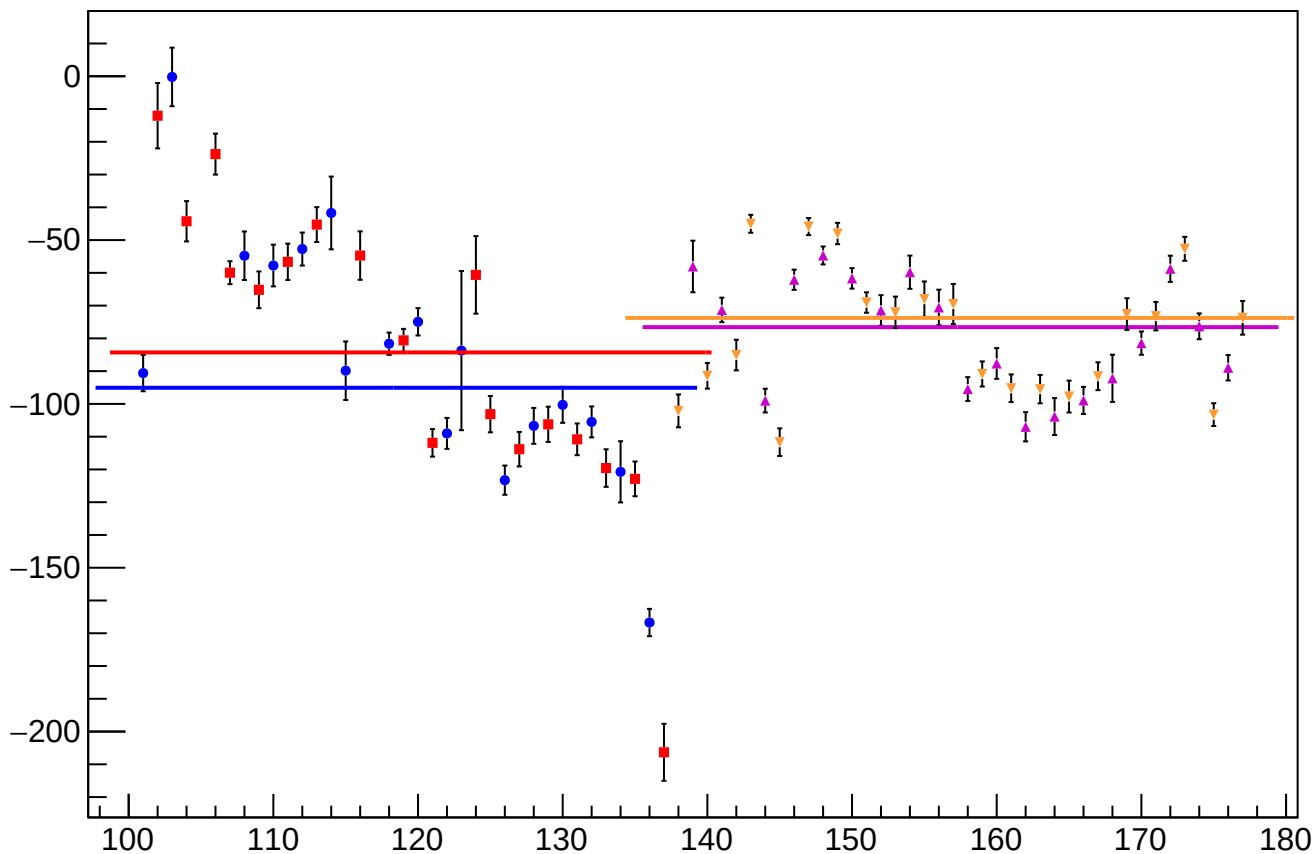
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -234.415 ± 0.969 χ^2/NDF : 2524.4/35

Out: -222.796 ± 0.919 χ^2/NDF : 3851.9/38

All: -228.297 ± 0.667 χ^2/NDF : 6451.9/74

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: -73.759 ± 0.859 χ^2/NDF : 648.9/20

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.572 ± 0.922 χ^2/NDF : 336.1/18

Left: -75.066 ± 0.628 χ^2/NDF : 990.0/39

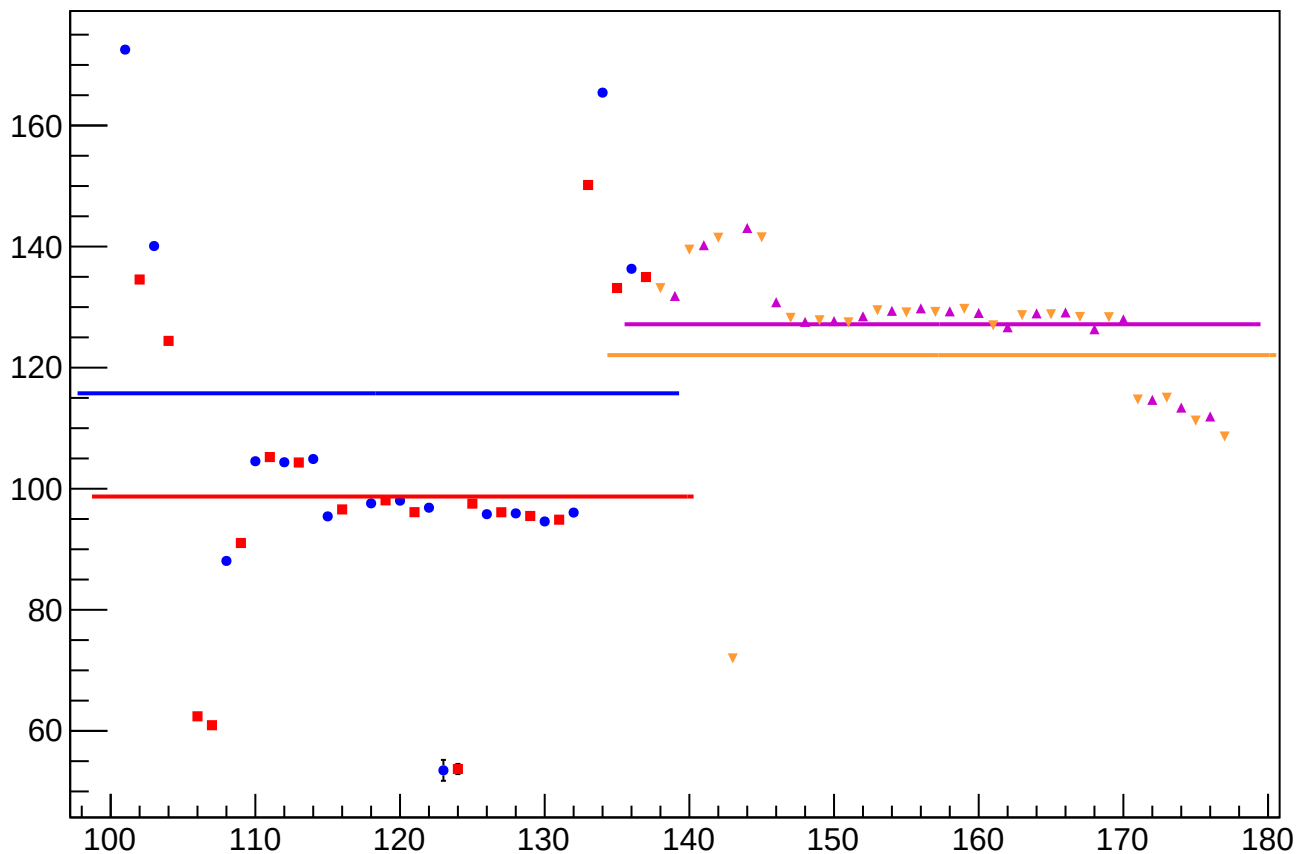
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -82.603 ± 0.757 χ^2/NDF : 1140.7/35

Out: -77.105 ± 0.709 χ^2/NDF : 1465.5/38

All: -79.676 ± 0.517 χ^2/NDF : 2634.3/74

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.072 $\pm$ 0.042 χ^2 /NDF:177386.7/20

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 127.167 $\pm$ 0.043 χ^2 /NDF:32738.8/18

Left: 124.527 $\pm$ 0.030 χ^2 /NDF: 217381.5/39

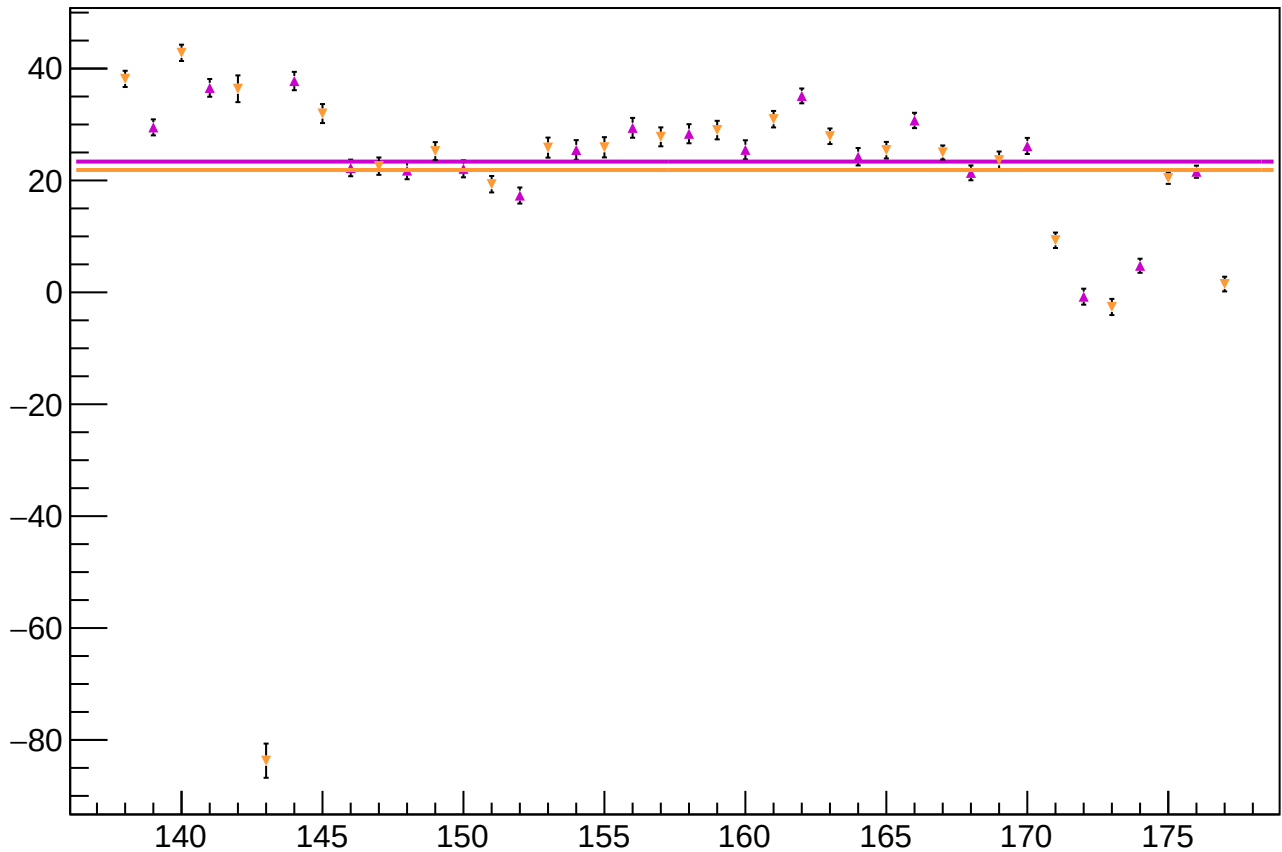
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 124.509 $\pm$ 0.038 χ^2 /NDF:155393.3/35

Out: 115.826 $\pm$ 0.036 χ^2 /NDF:432241.8/38

All: 119.910 $\pm$ 0.026 χ^2 /NDF: 615728.3/74

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 21.868 $\pm$ 0.330 χ^2 /NDF:2327.5/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18

Left: 22.606 $\pm$ 0.235 χ^2 /NDF: 3165.1/39

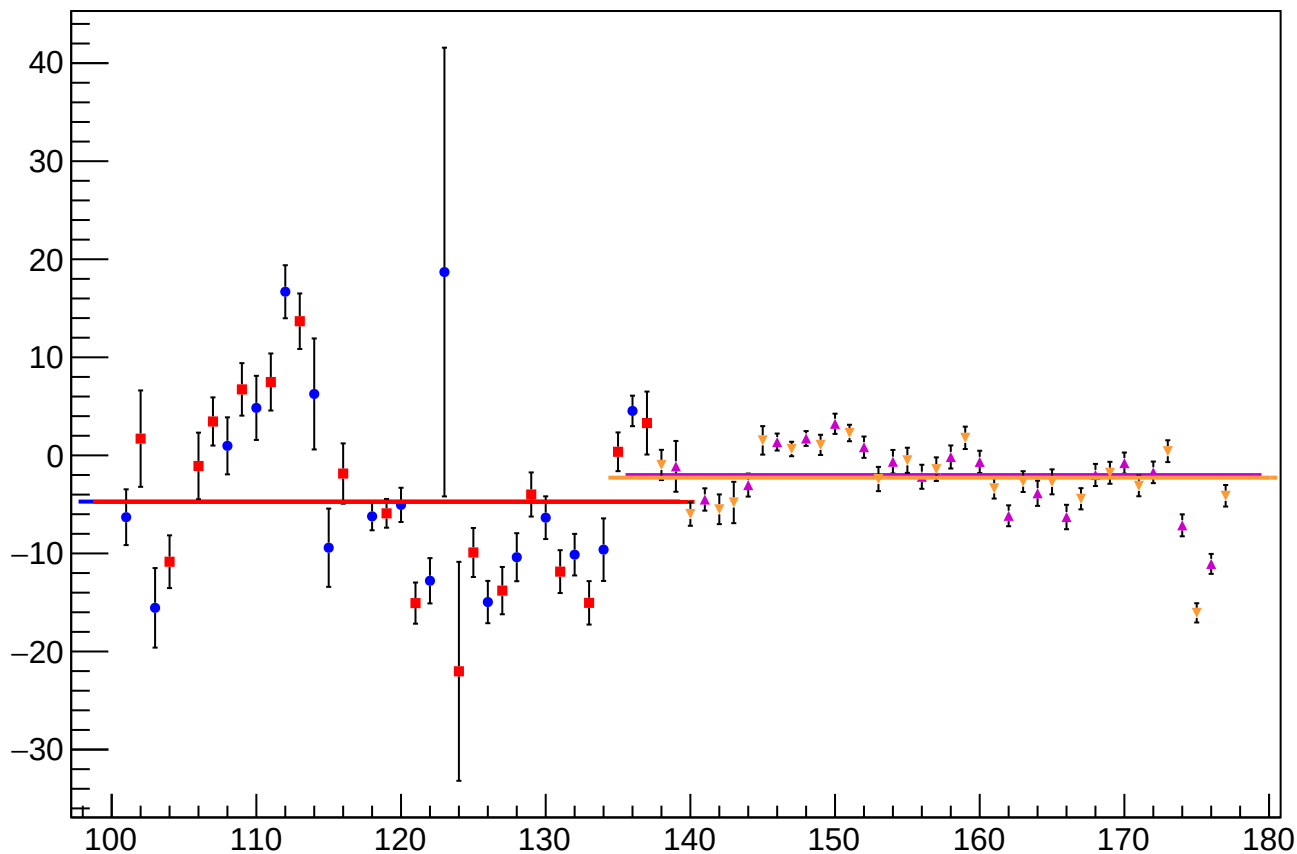
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 23.369 $\pm$ 0.335 χ^2 /NDF:827.5/18

Out: 21.868 $\pm$ 0.330 χ^2 /NDF:2327.5/20

All: 22.606 $\pm$ 0.235 χ^2 /NDF: 3165.1/39

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -2.273 ± 0.244 χ^2/NDF : 305.9/20

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -2.009 ± 0.252 χ^2/NDF : 213.5/18

Left: -2.145 ± 0.175 χ^2/NDF : 519.9/39

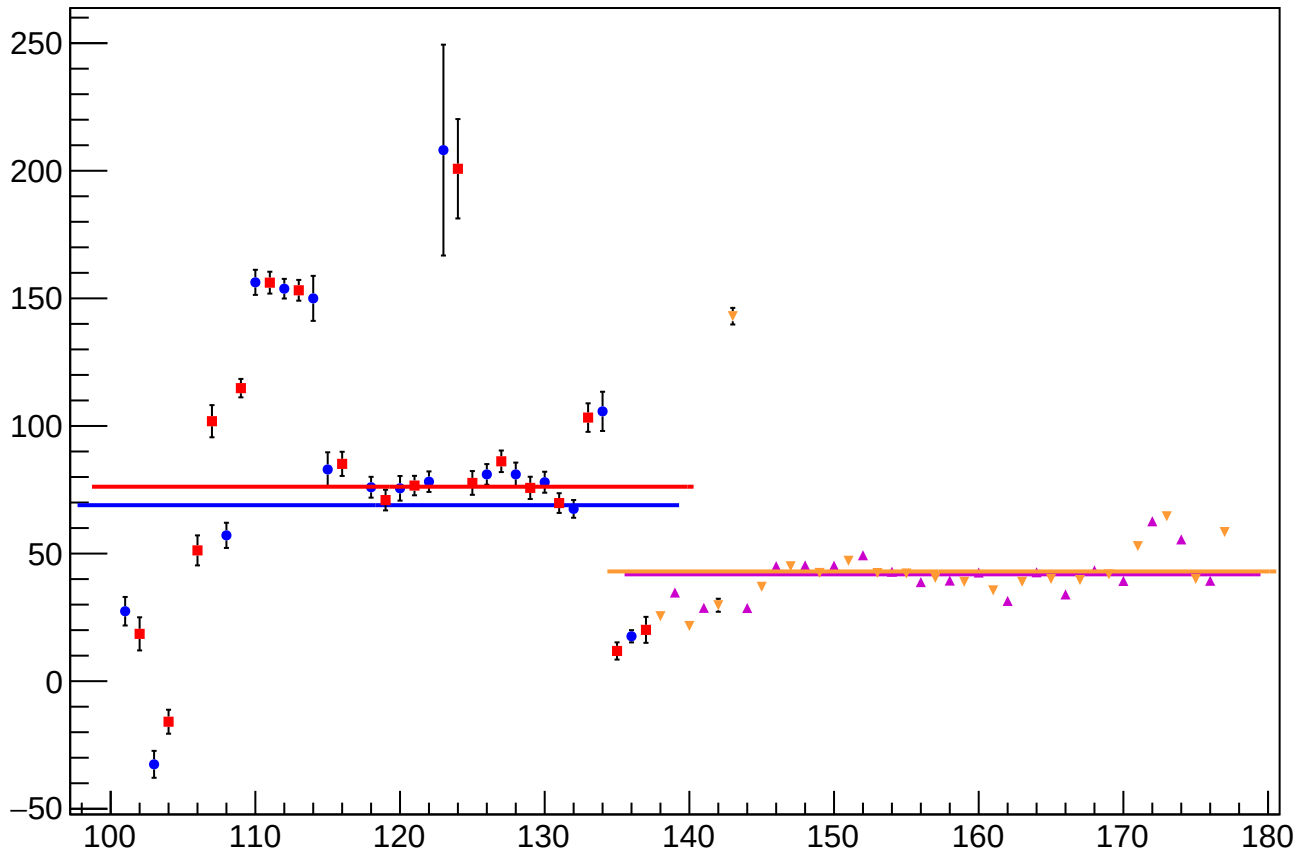
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -2.437 ± 0.231 χ^2/NDF : 406.4/35

Out: -2.639 ± 0.225 χ^2/NDF : 510.4/38

All: -2.541 ± 0.161 χ^2/NDF : 917.2/74

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.998 ± 0.326 $\chi^2/\text{NDF}: 1766.0/20$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.864 ± 0.332 $\chi^2/\text{NDF}: 602.4/18$

Left: 42.441 ± 0.233 $\chi^2/\text{NDF}: 2374.4/39$

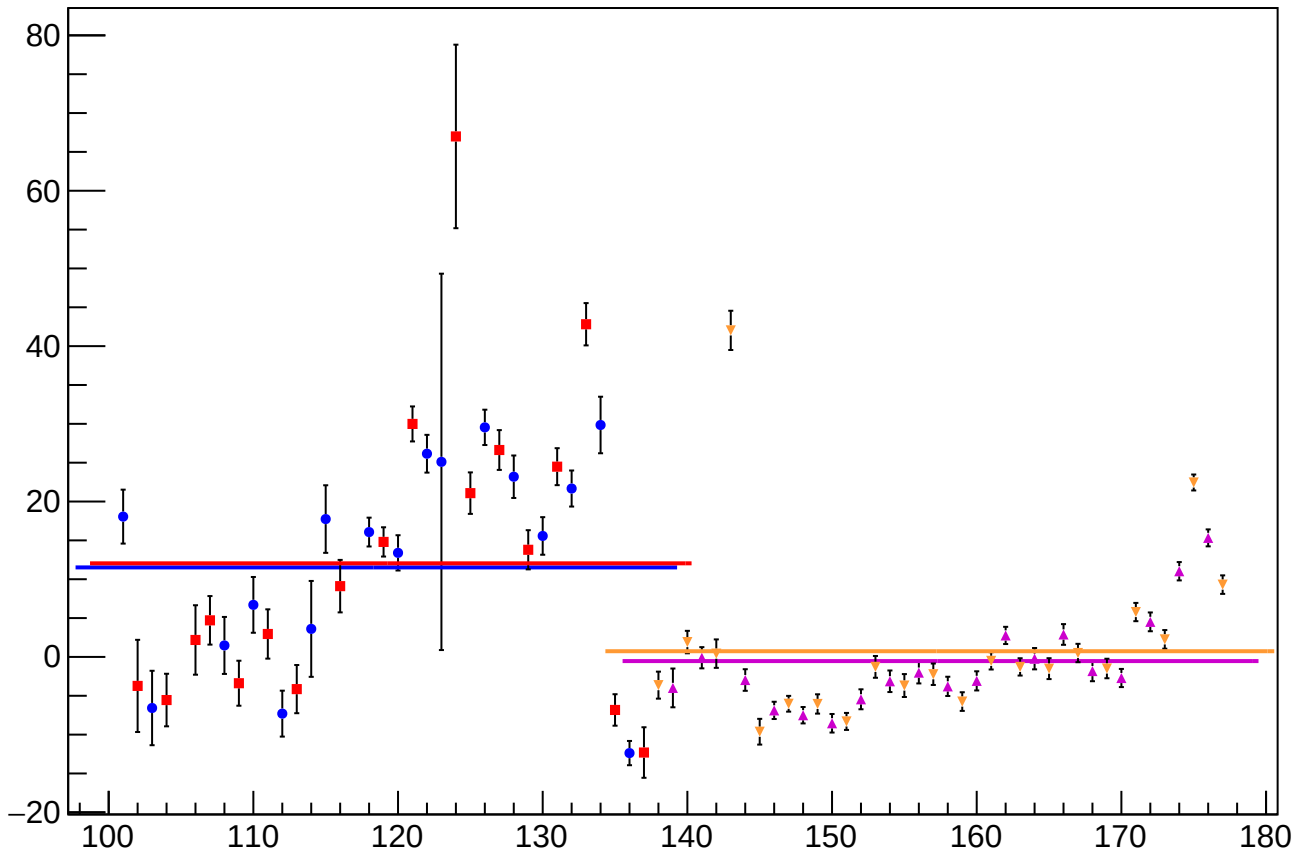
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 44.204 ± 0.317 $\chi^2/\text{NDF}: 3022.7/35$

Out: 45.815 ± 0.312 $\chi^2/\text{NDF}: 4526.5/38$

All: 45.023 ± 0.222 $\chi^2/\text{NDF}: 7562.3/74$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 0.734 $\pm$ 0.279 χ^2 /NDF:1029.8/20

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: -0.535 $\pm$ 0.288 χ^2 /NDF:501.2/18

Left: 0.120 $\pm$ 0.200 χ^2 /NDF: 1541.0/39

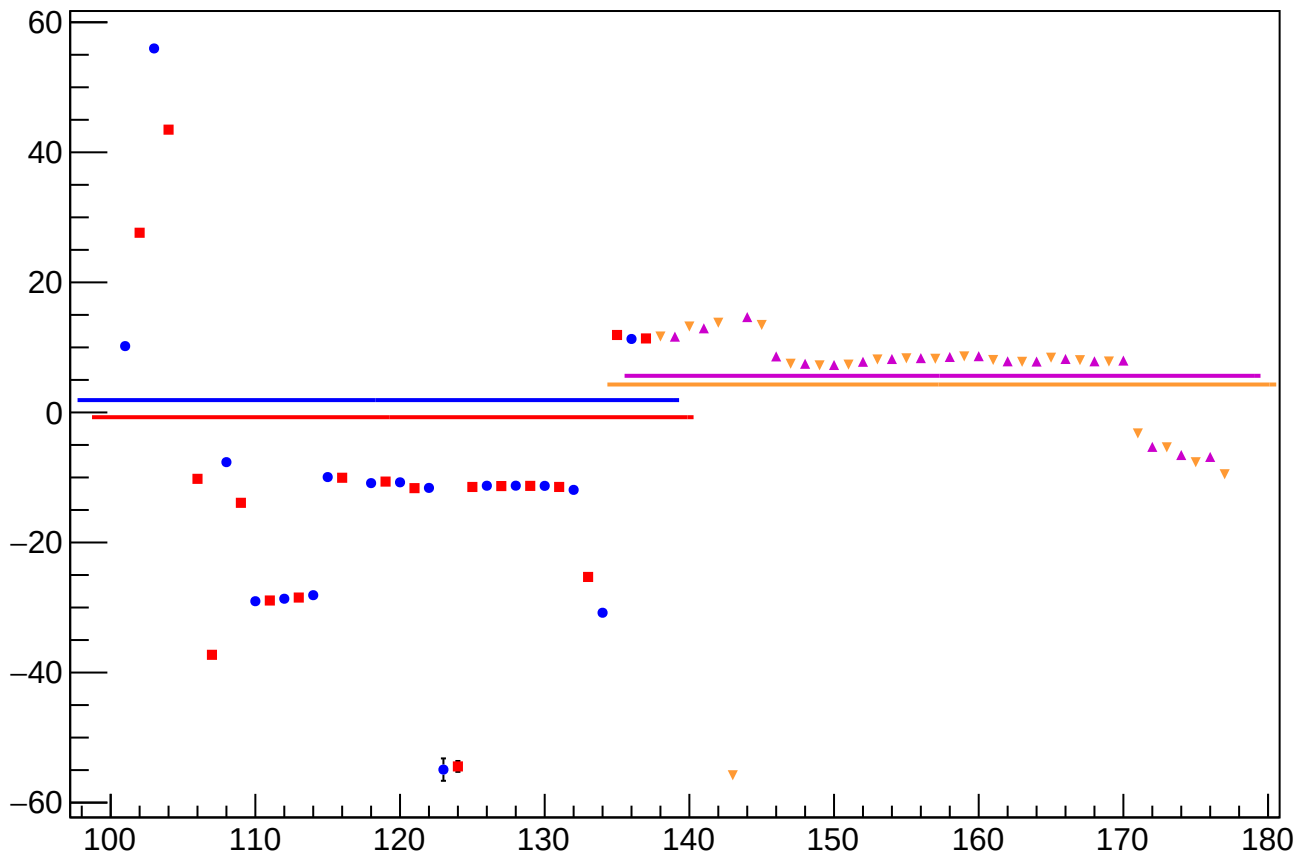
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: 1.396 $\pm$ 0.264 χ^2 /NDF:1258.8/35

Out: 2.428 $\pm$ 0.257 χ^2 /NDF:1814.9/38

All: 1.926 $\pm$ 0.184 χ^2 /NDF: 3081.5/74

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 4.295 $\pm$ 0.013 χ^2 /NDF:506911.7/20

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 5.633 $\pm$ 0.013 χ^2 /NDF:238232.2/18

Left: 4.959 $\pm$ 0.009 χ^2 /NDF: 750516.3/39

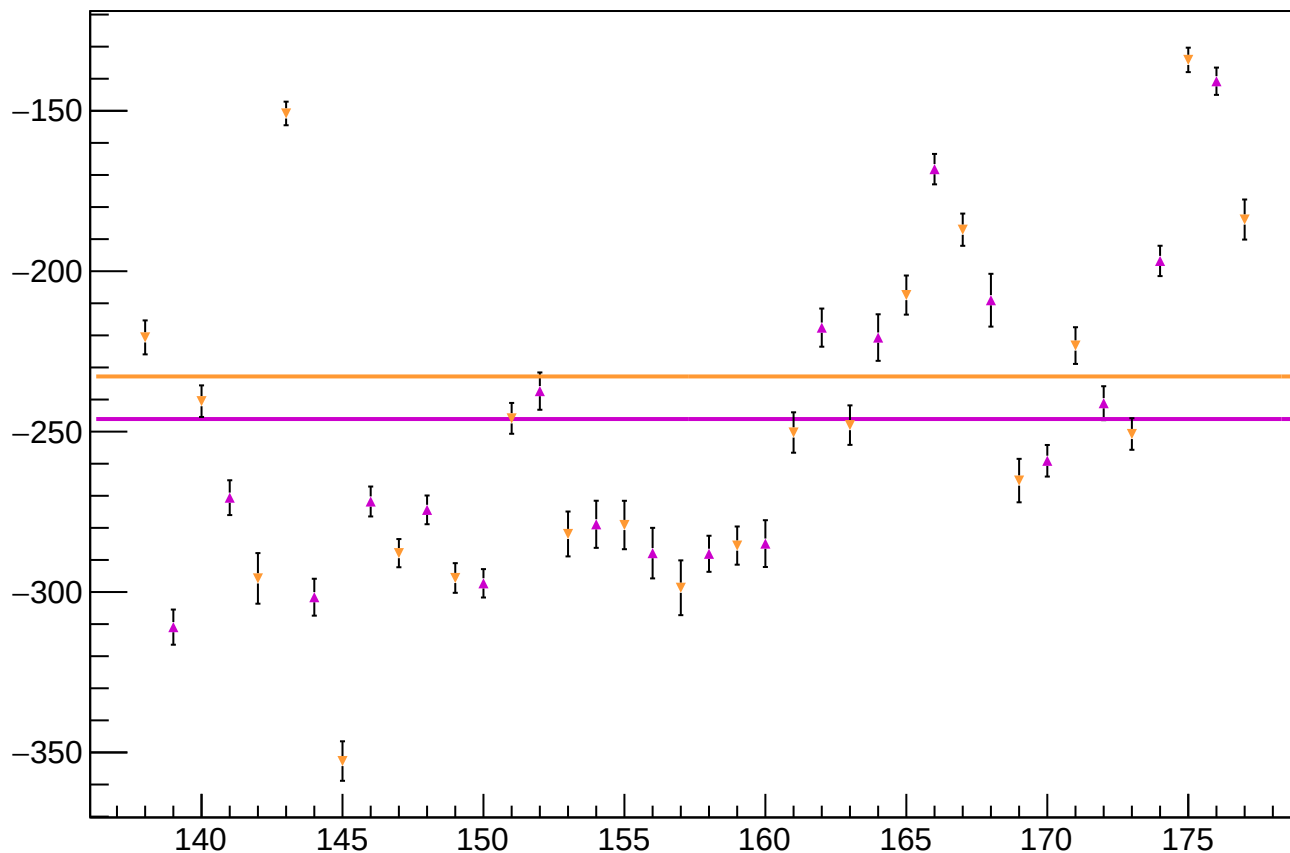
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 5.226 $\pm$ 0.012 χ^2 /NDF:606156.3/35

Out: 3.756 $\pm$ 0.012 χ^2 /NDF:883229.6/38

All: 4.486 $\pm$ 0.009 χ^2 /NDF: 1496658.4/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -232.802 ± 1.177 $\chi^2/\text{NDF}: 2407.0/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -246.075 ± 1.248 $\chi^2/\text{NDF}: 1646.3/18$

Left: -239.054 ± 0.856 $\chi^2/\text{NDF}: 4113.2/39$

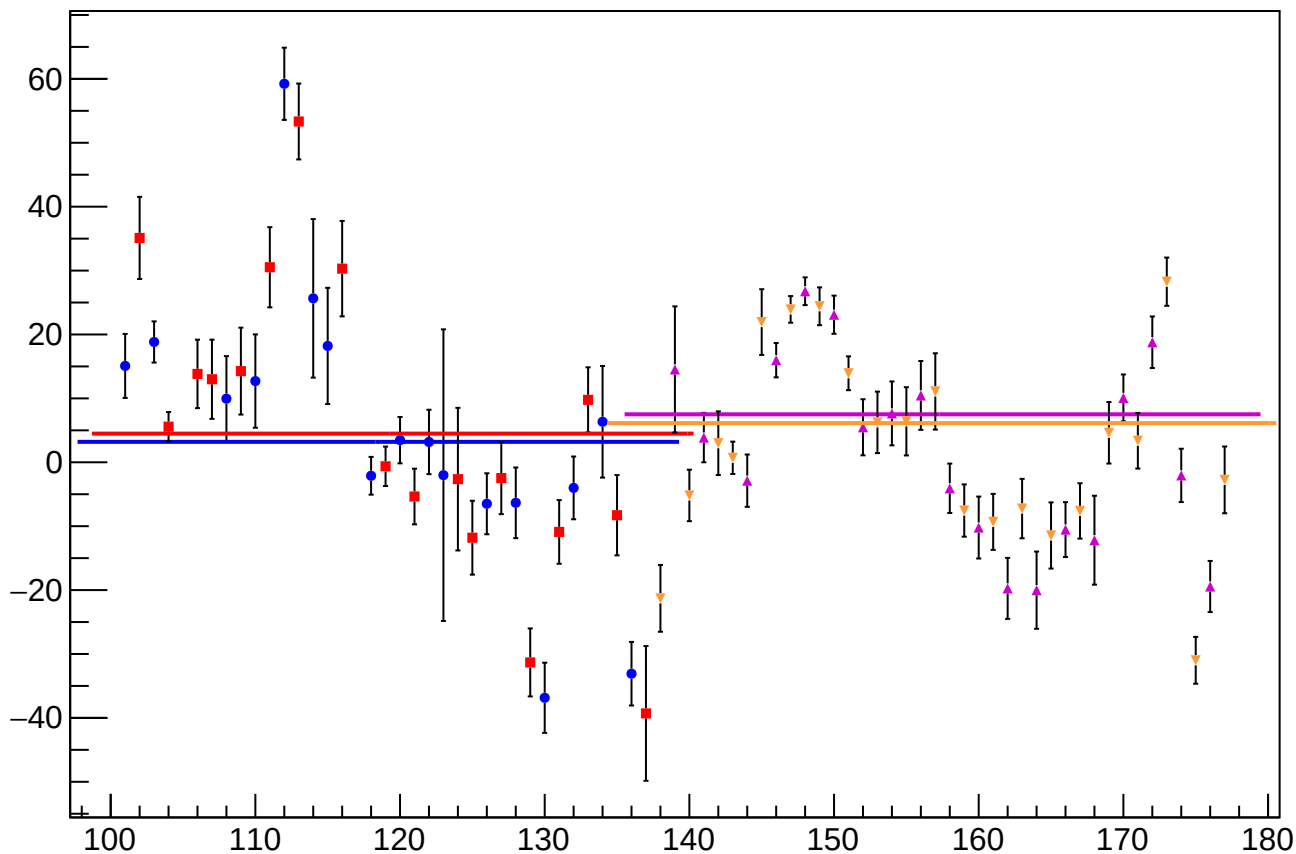
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -246.075 ± 1.248 $\chi^2/\text{NDF}: 1646.3/18$

Out: -232.802 ± 1.177 $\chi^2/\text{NDF}: 2407.0/20$

All: -239.054 ± 0.856 $\chi^2/\text{NDF}: 4113.2/39$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 6.131 ± 0.830 $\chi^2/\text{NDF}: 364.4/20$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 7.510 ± 0.899 $\chi^2/\text{NDF}: 284.6/18$

Left: 6.765 ± 0.610 $\chi^2/\text{NDF}: 650.3/39$

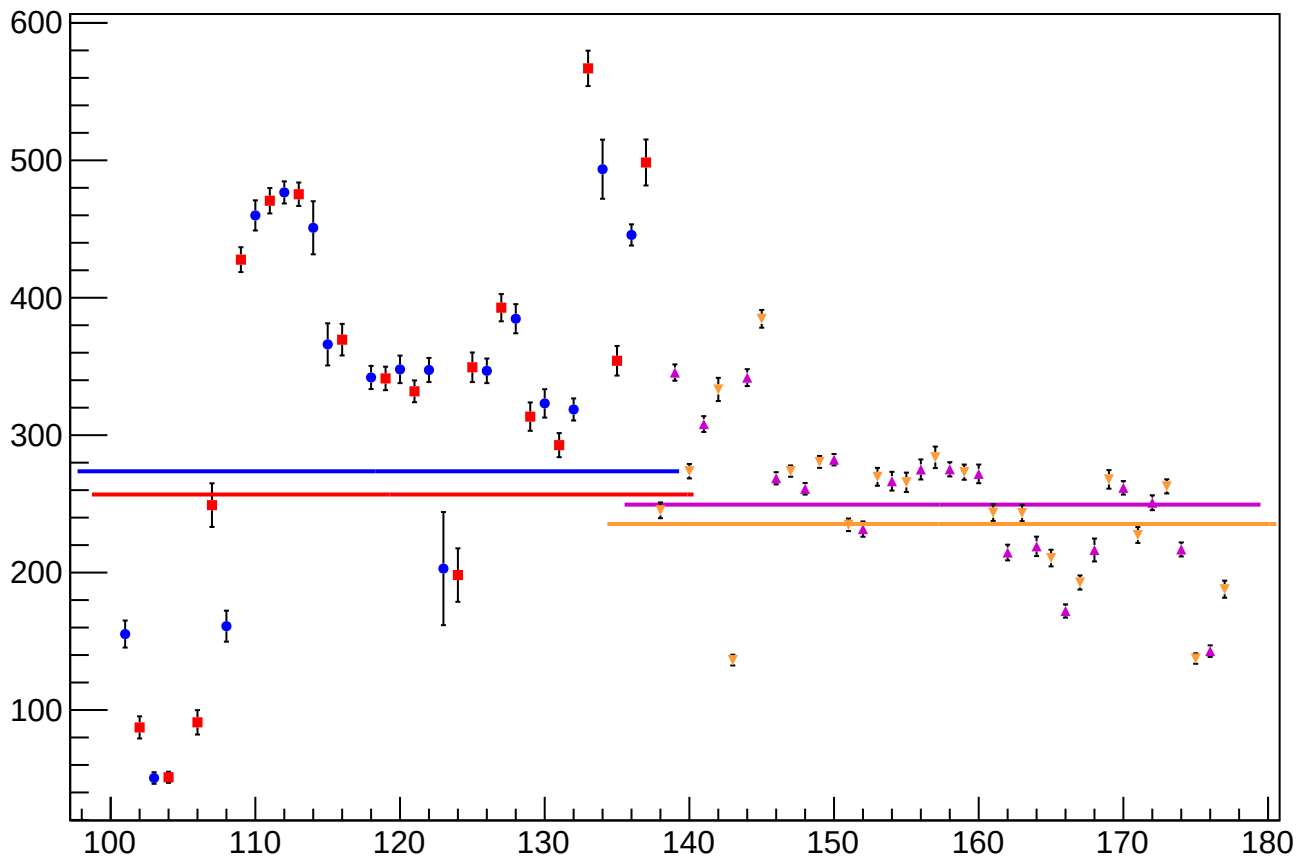
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 6.005 ± 0.725 $\chi^2/\text{NDF}: 547.8/35$

Out: 5.574 ± 0.675 $\chi^2/\text{NDF}: 587.5/38$

All: 5.774 ± 0.494 $\chi^2/\text{NDF}: 1135.5/74$

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: 235.383 $\pm$ 1.171 χ^2 /NDF:2556.4/20

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 249.460 $\pm$ 1.232 χ^2 /NDF:1759.5/18

Left: 242.065 $\pm$ 0.849 χ^2 /NDF: 4384.5/39

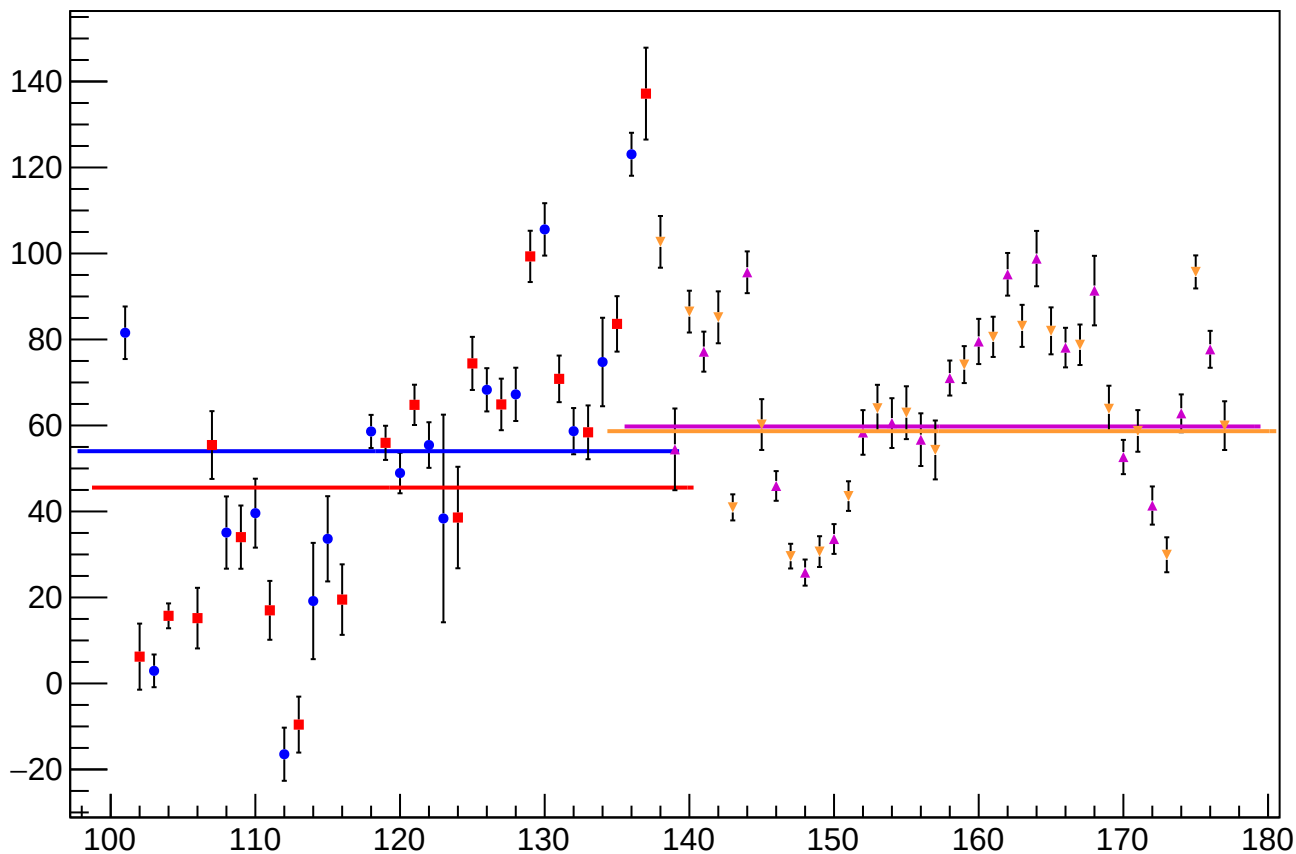
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 255.271 $\pm$ 1.074 χ^2 /NDF:6955.7/35

Out: 240.529 $\pm$ 1.021 χ^2 /NDF:9048.7/38

All: 247.524 $\pm$ 0.740 χ^2 /NDF: 16103.3/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 58.671 $\pm$ 0.973 χ^2 /NDF:564.8/20

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.766 $\pm$ 1.047 χ^2 /NDF:446.4/18

Left: 59.178 $\pm$ 0.713 χ^2 /NDF: 1011.8/39

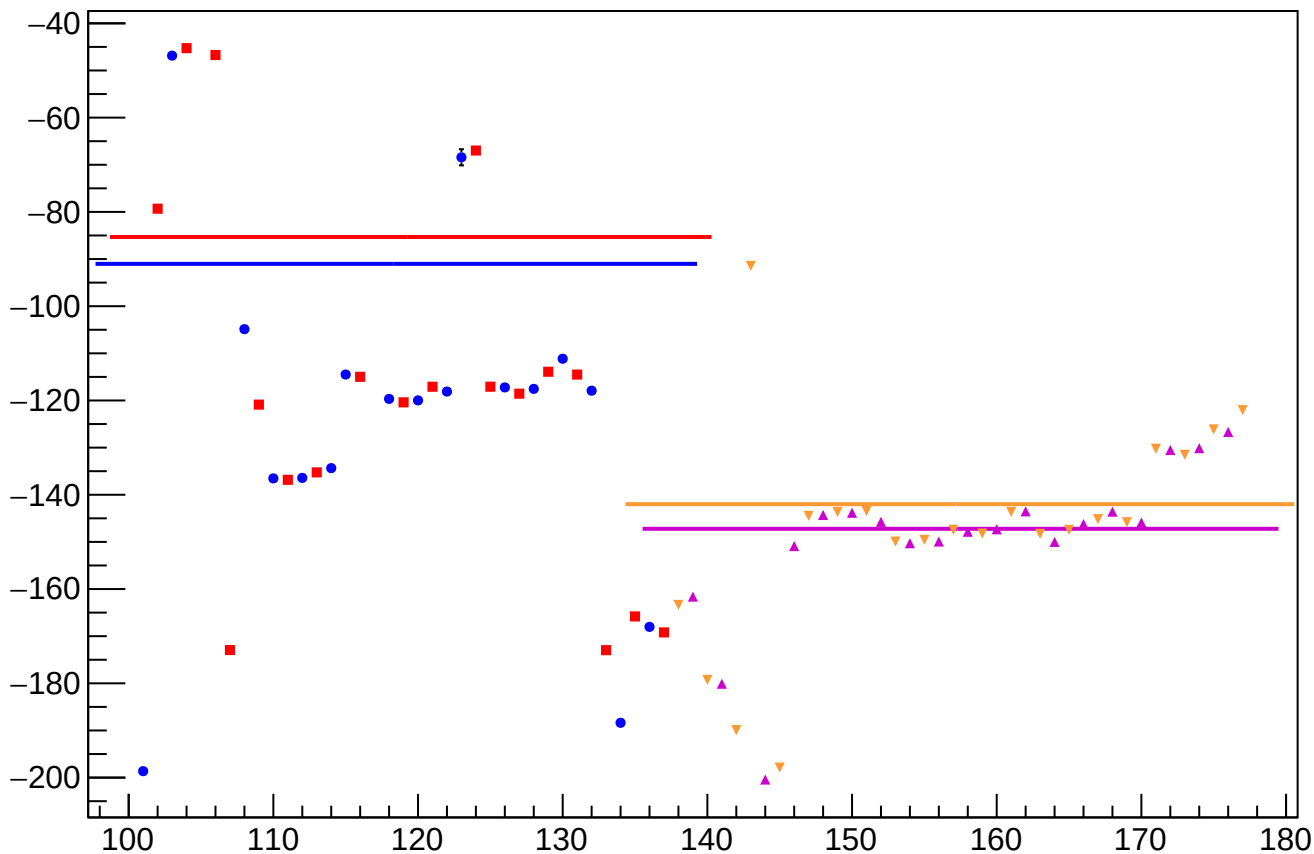
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.747 $\pm$ 0.843 χ^2 /NDF:1089.9/35

Out: 54.223 $\pm$ 0.791 χ^2 /NDF:1153.1/38

All: 55.872 $\pm$ 0.577 χ^2 /NDF: 2252.2/74

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -142.001 ± 0.047 $\chi^2/\text{NDF}: 231792.8/20$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -147.221 ± 0.049 $\chi^2/\text{NDF}: 92640.1/18$

Left: -144.513 ± 0.034 $\chi^2/\text{NDF}: 330329.6/39$

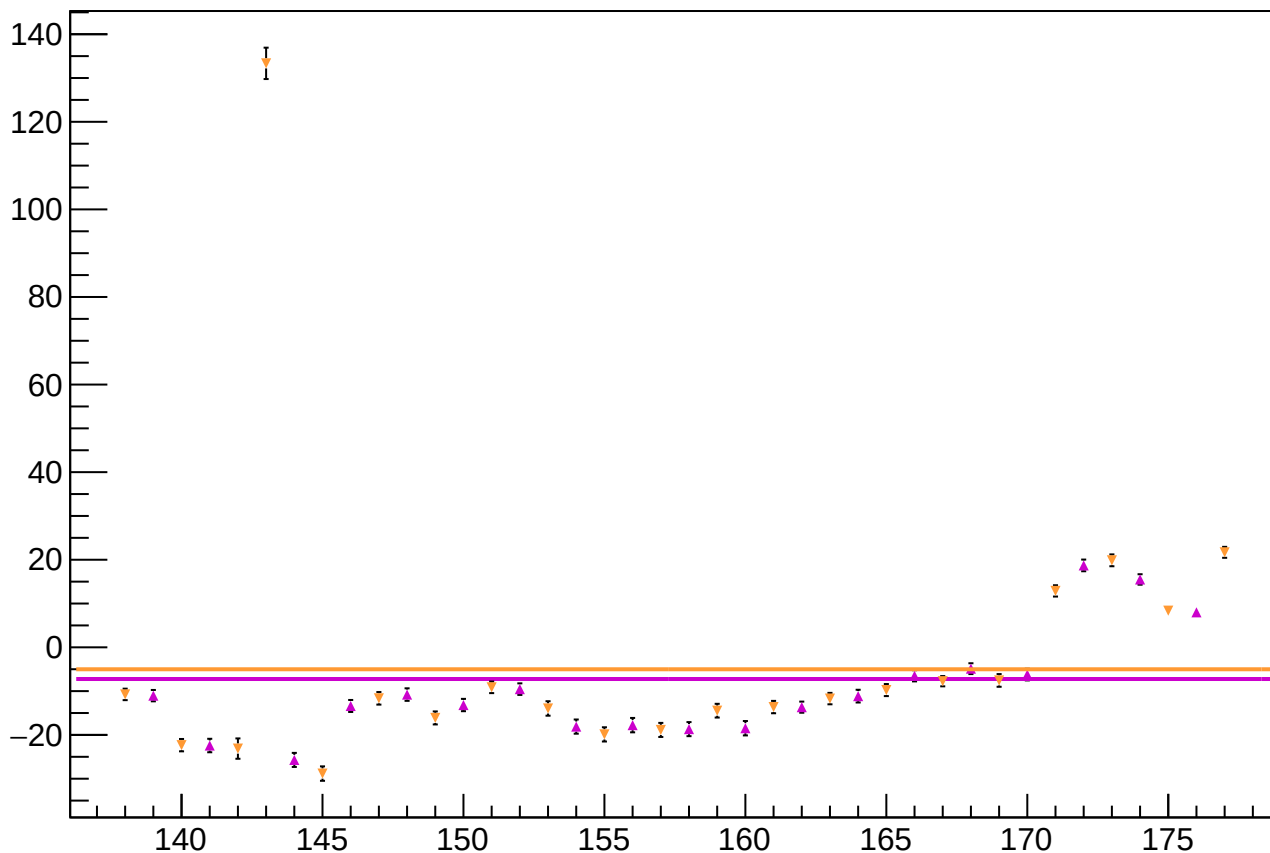
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.876 ± 0.040 $\chi^2/\text{NDF}: 1080393.5/35$

Out: -122.515 ± 0.038 $\chi^2/\text{NDF}: 1211298.0/38$

All: -125.096 ± 0.028 $\chi^2/\text{NDF}: 2301170.7/74$

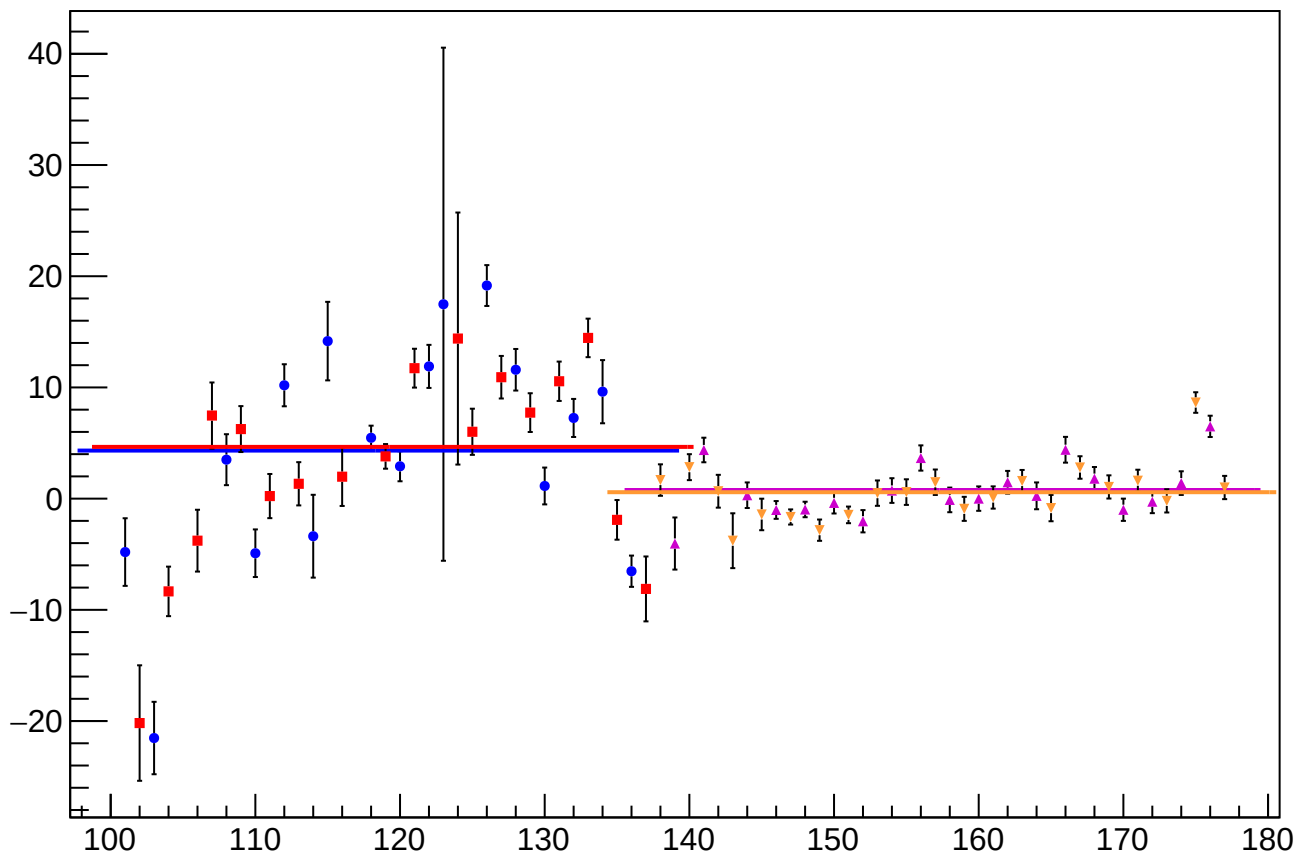
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.233+/-0.314 χ^2/NDF :1467.9/18

Left: -6.106+/-0.220 χ^2/NDF : 5001.8/39
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.233+/-0.314 χ^2/NDF :1467.9/18
 Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 All: -6.106+/-0.220 χ^2/NDF : 5001.8/39

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.579 ± 0.228 χ^2/NDF : 128.5/20

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 0.777 ± 0.236 χ^2/NDF : 94.9/18

Left: 0.674 ± 0.164 χ^2/NDF : 223.7/39

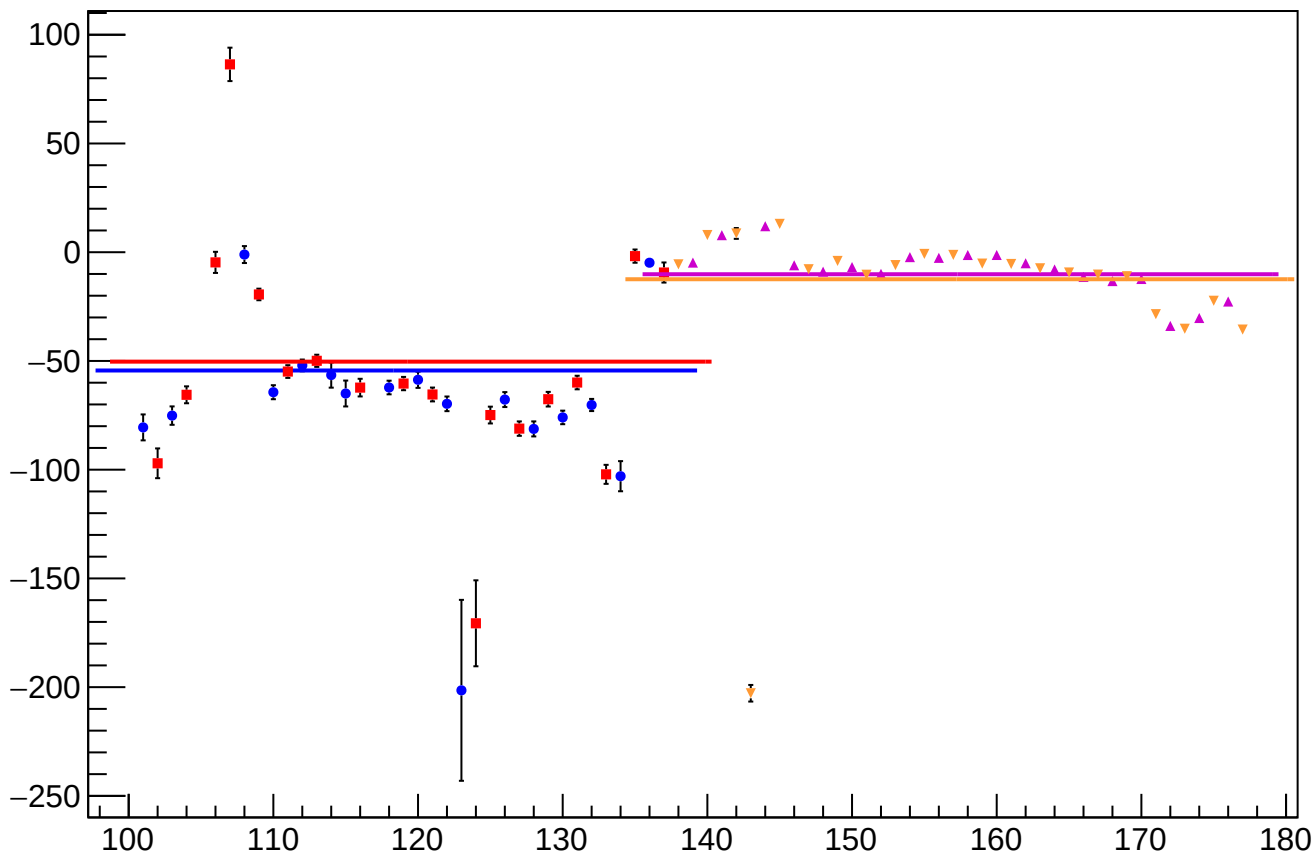
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.503 ± 0.211 χ^2/NDF : 421.3/35

Out: 1.346 ± 0.206 χ^2/NDF : 372.9/38

All: 1.423 ± 0.147 χ^2/NDF : 794.5/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -12.427 $\pm$ 0.306 χ^2 /NDF: 4110.4/20

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -10.125 $\pm$ 0.310 χ^2 /NDF: 1165.7/18

Left: -11.294 $\pm$ 0.218 χ^2 /NDF: 5304.1/39

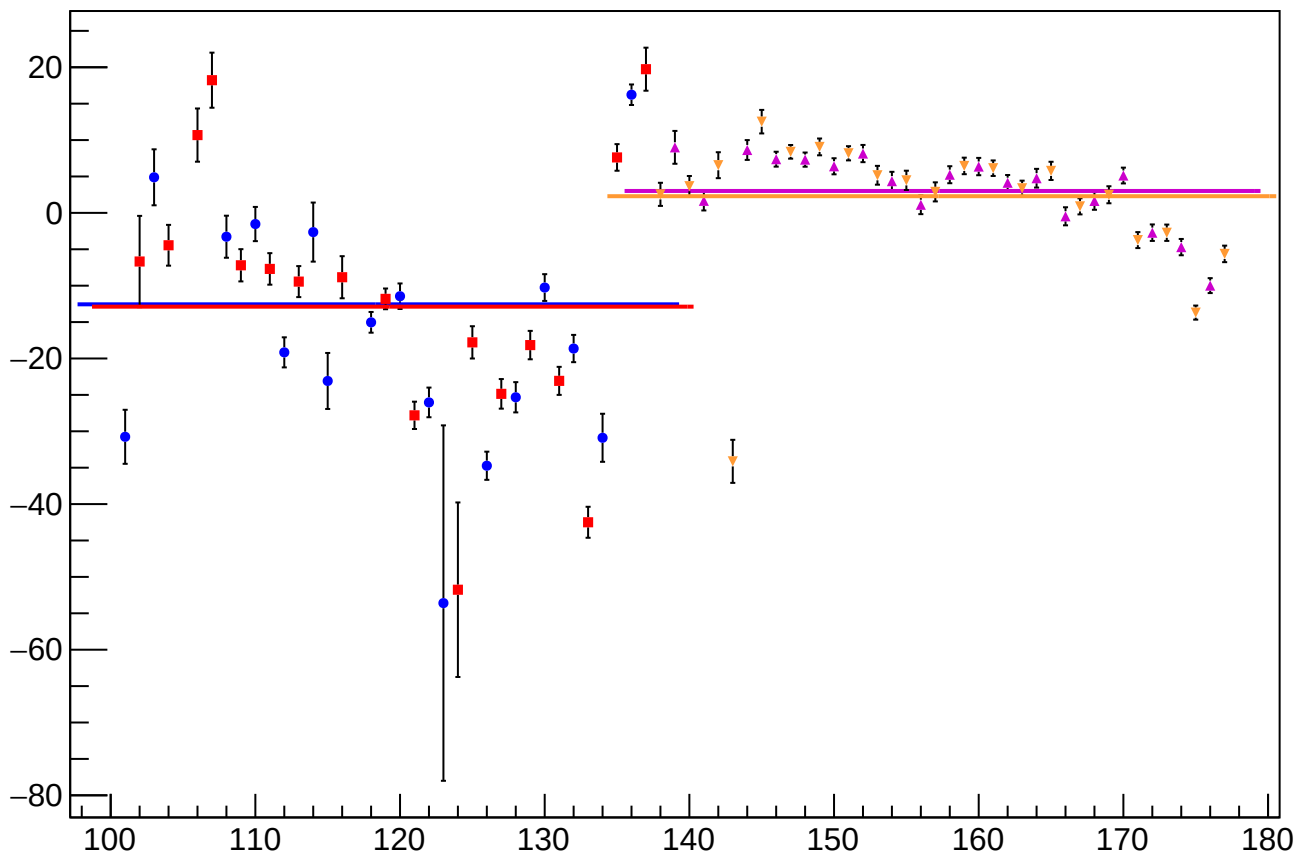
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -15.179 $\pm$ 0.292 χ^2 /NDF: 4501.9/35

Out: -16.689 $\pm$ 0.288 χ^2 /NDF: 7159.2/38

All: -15.946 $\pm$ 0.205 χ^2 /NDF: 11674.6/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 2.290 ± 0.261 χ^2/NDF : 728.6/20

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.010 ± 0.270 χ^2/NDF : 355.6/18

Left: 2.638 ± 0.188 χ^2/NDF : 1087.8/39

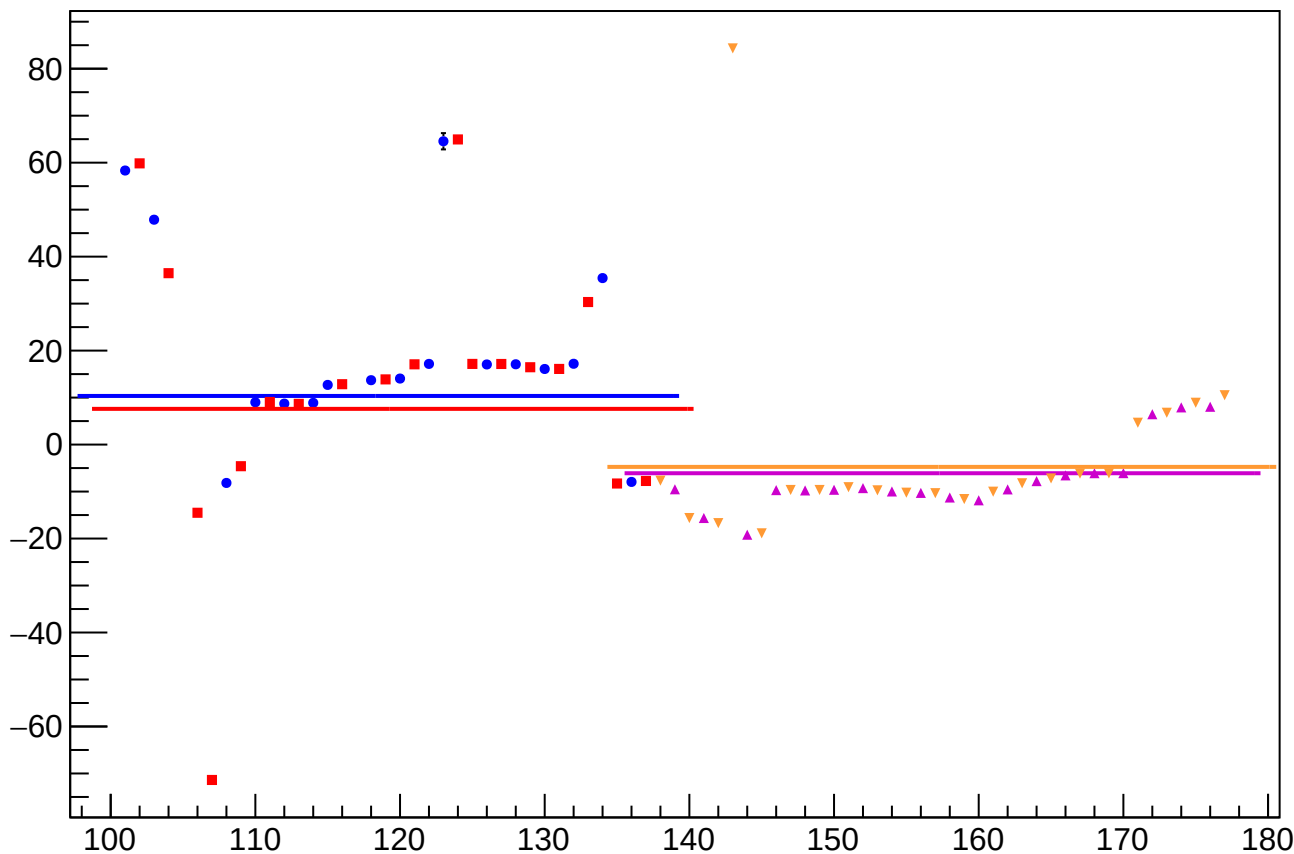
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.189 ± 0.241 χ^2/NDF : 1817.1/35

Out: -0.605 ± 0.235 χ^2/NDF : 2098.0/38

All: -0.402 ± 0.168 χ^2/NDF : 3916.6/74

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -4.748+/-0.012 χ^2/NDF : 792545.1/20

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -6.100+/-0.012 χ^2/NDF : 371034.1/18

Left: -5.420+/-0.009 χ^2/NDF : 1169838.1/39

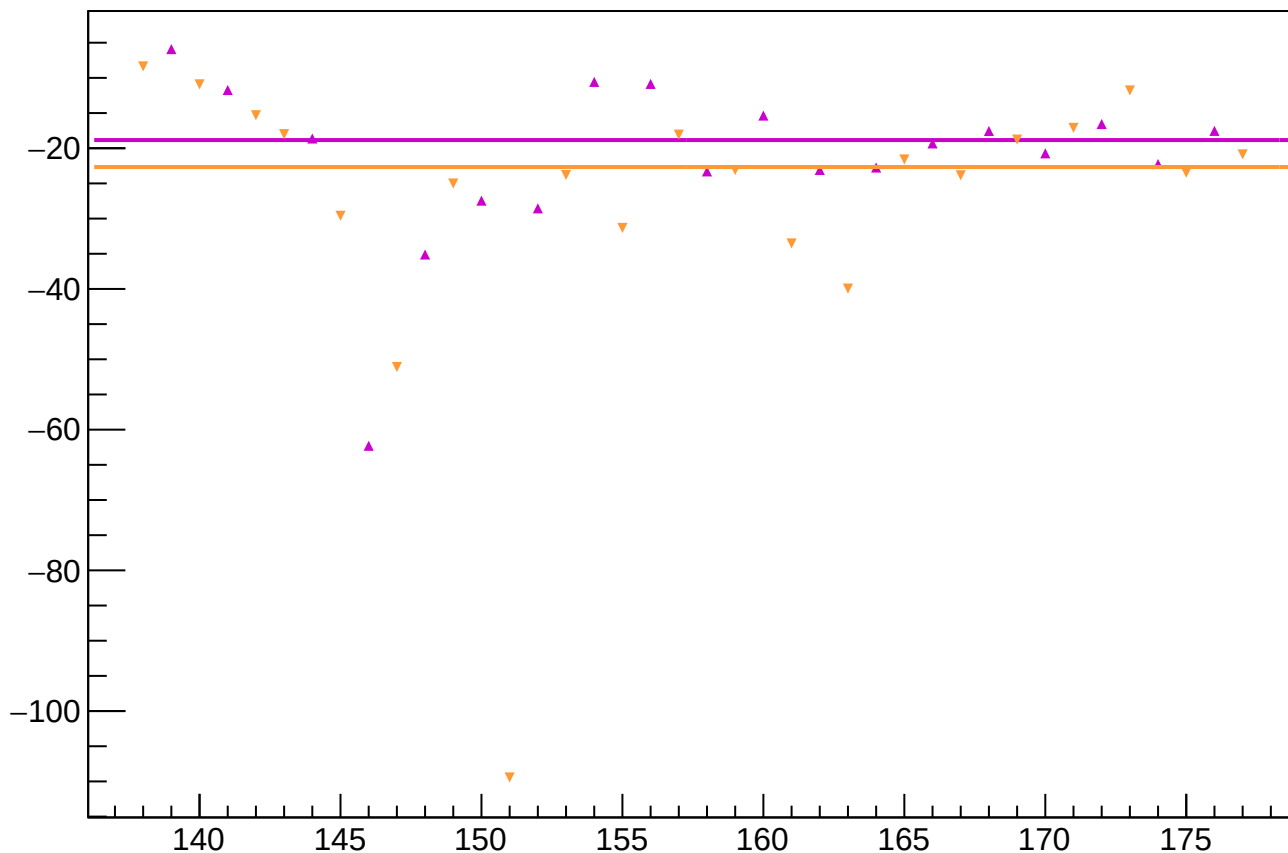
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -3.868+/-0.011 χ^2/NDF : 1002028.1/35

Out: -3.154+/-0.011 χ^2/NDF : 1466662.3/38

All: -3.511+/-0.008 χ^2/NDF : 2470704.1/74

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Left: -20.618+/-0.033 χ^2/NDF : 104335.0/39

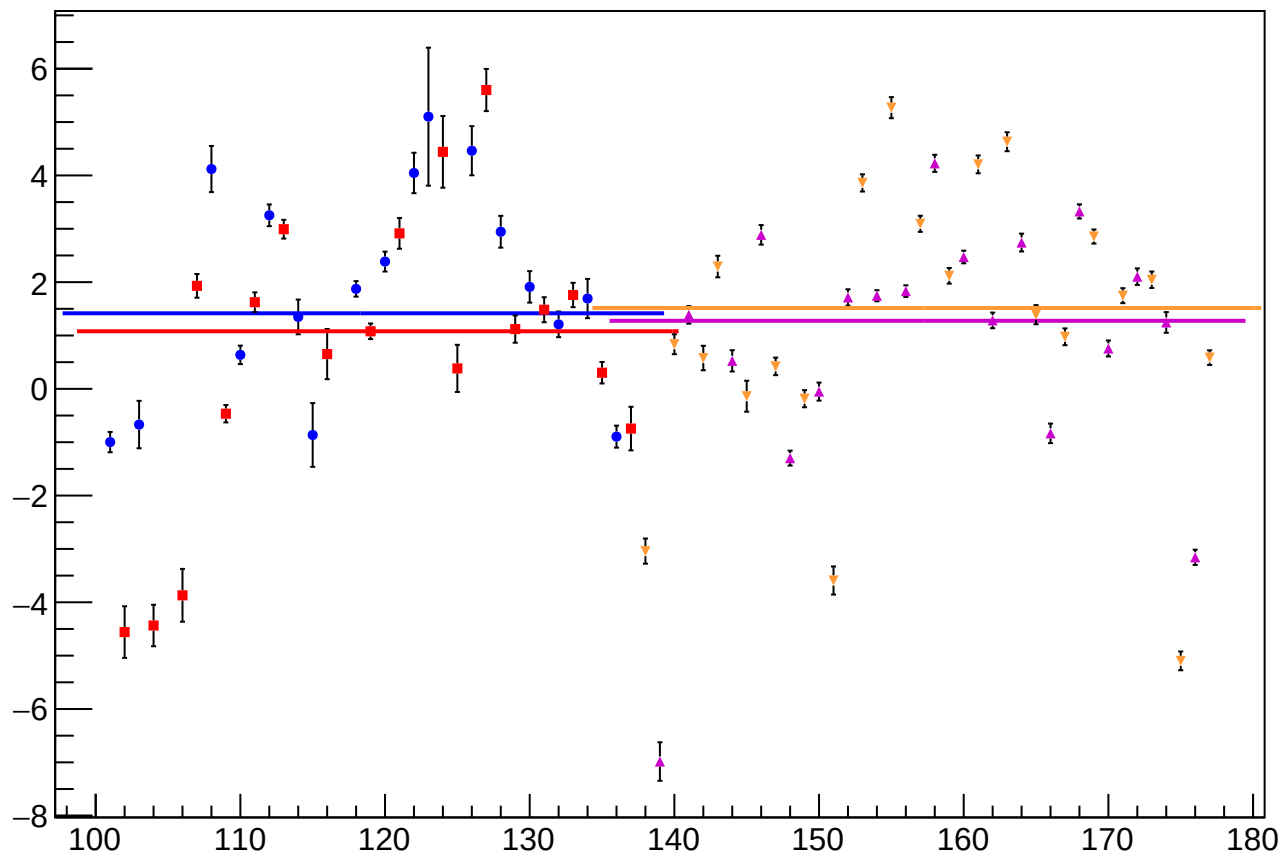
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.839+/-0.046 χ^2/NDF : 38461.5/18

Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

All: -20.618+/-0.033 χ^2/NDF : 104335.0/39

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: 1.516 $\pm$ 0.037 χ^2 /NDF:3834.5/20

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.275 $\pm$ 0.034 χ^2 /NDF:2964.0/18

Left: 1.386 $\pm$ 0.025 χ^2 /NDF: 6821.0/39

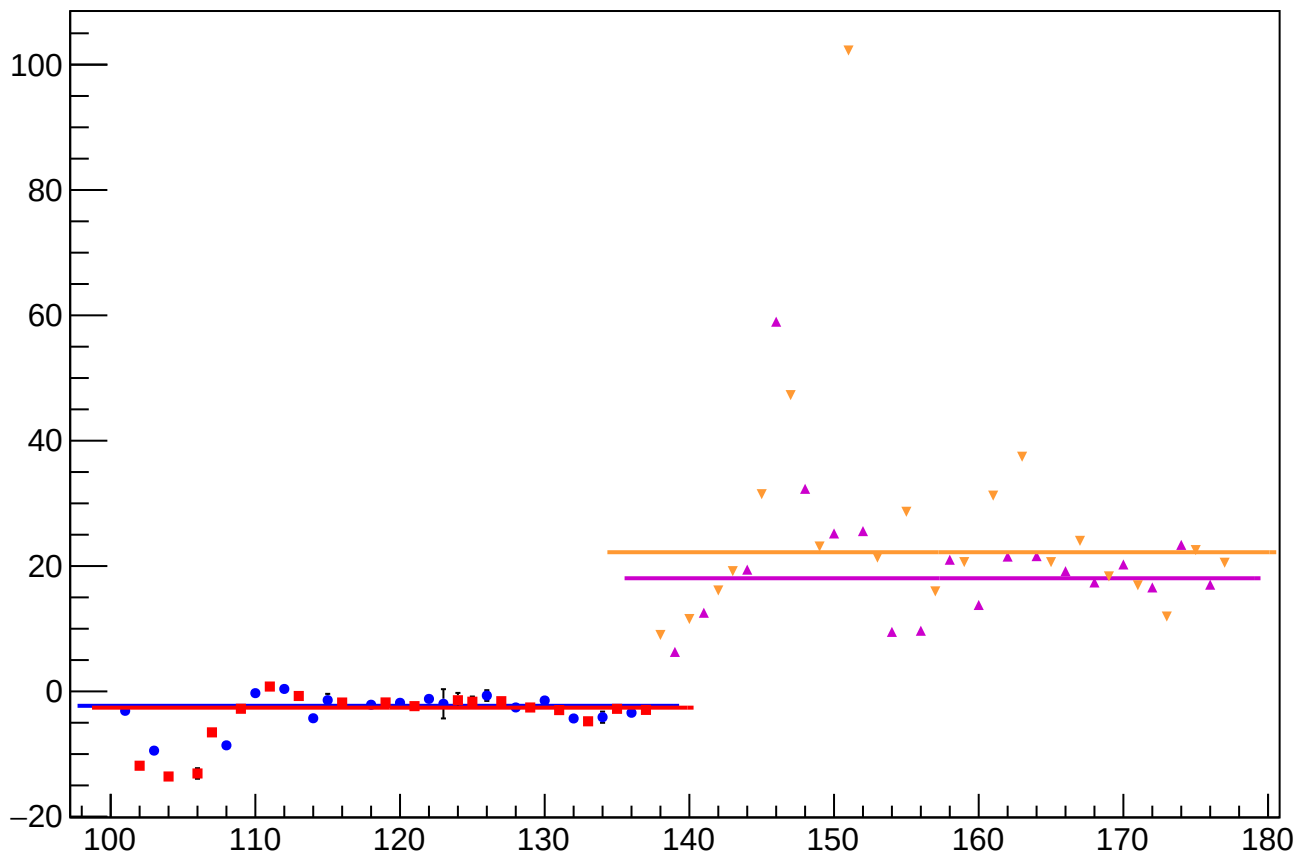
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.309 $\pm$ 0.030 χ^2 /NDF:3599.2/35

Out: 1.389 $\pm$ 0.031 χ^2 /NDF:4790.6/38

All: 1.347 $\pm$ 0.022 χ^2 /NDF: 8393.1/74

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.207 ± 0.049 χ^2/NDF : 55766.8/20

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 18.052 ± 0.045 χ^2/NDF : 36495.5/18

Left: 19.958 ± 0.033 χ^2/NDF : 96224.9/39

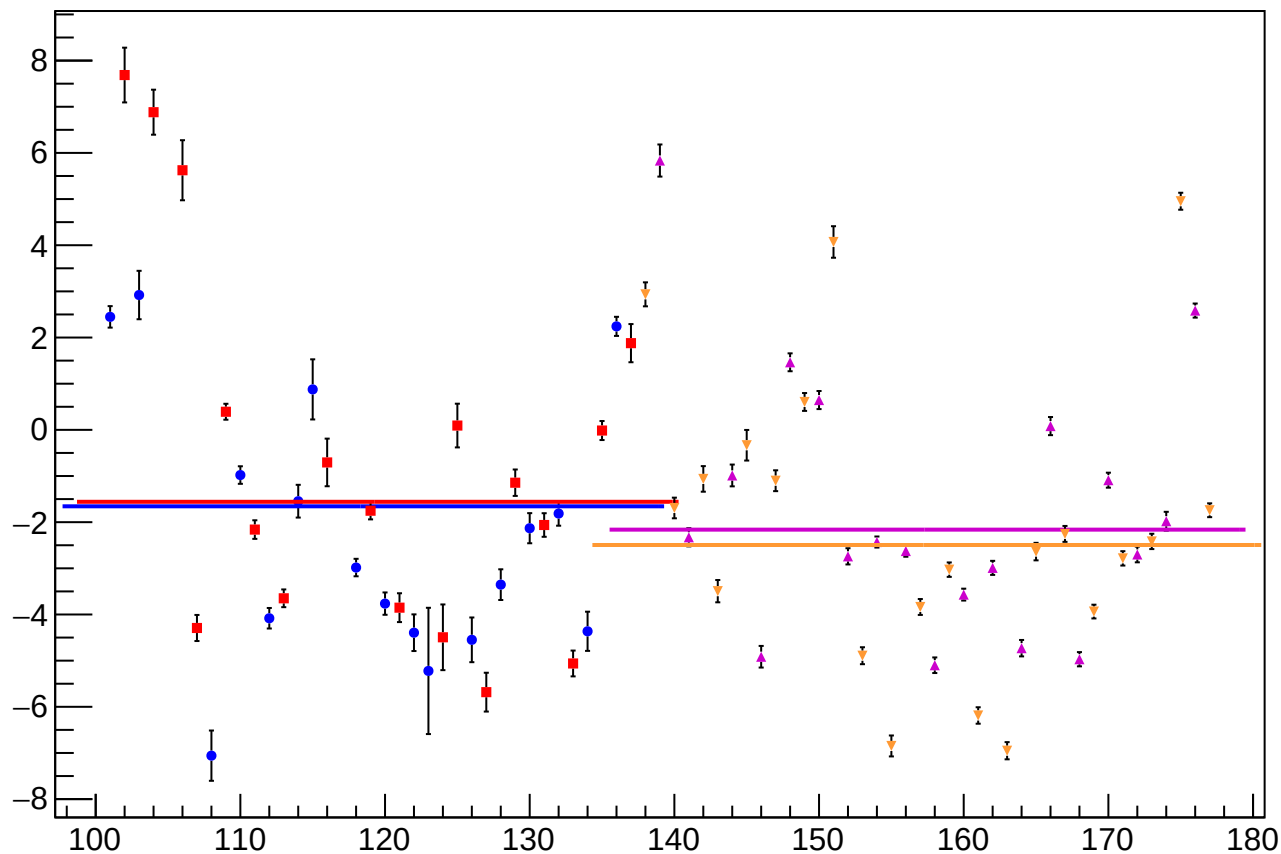
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 15.206 ± 0.041 χ^2/NDF : 65935.9/35

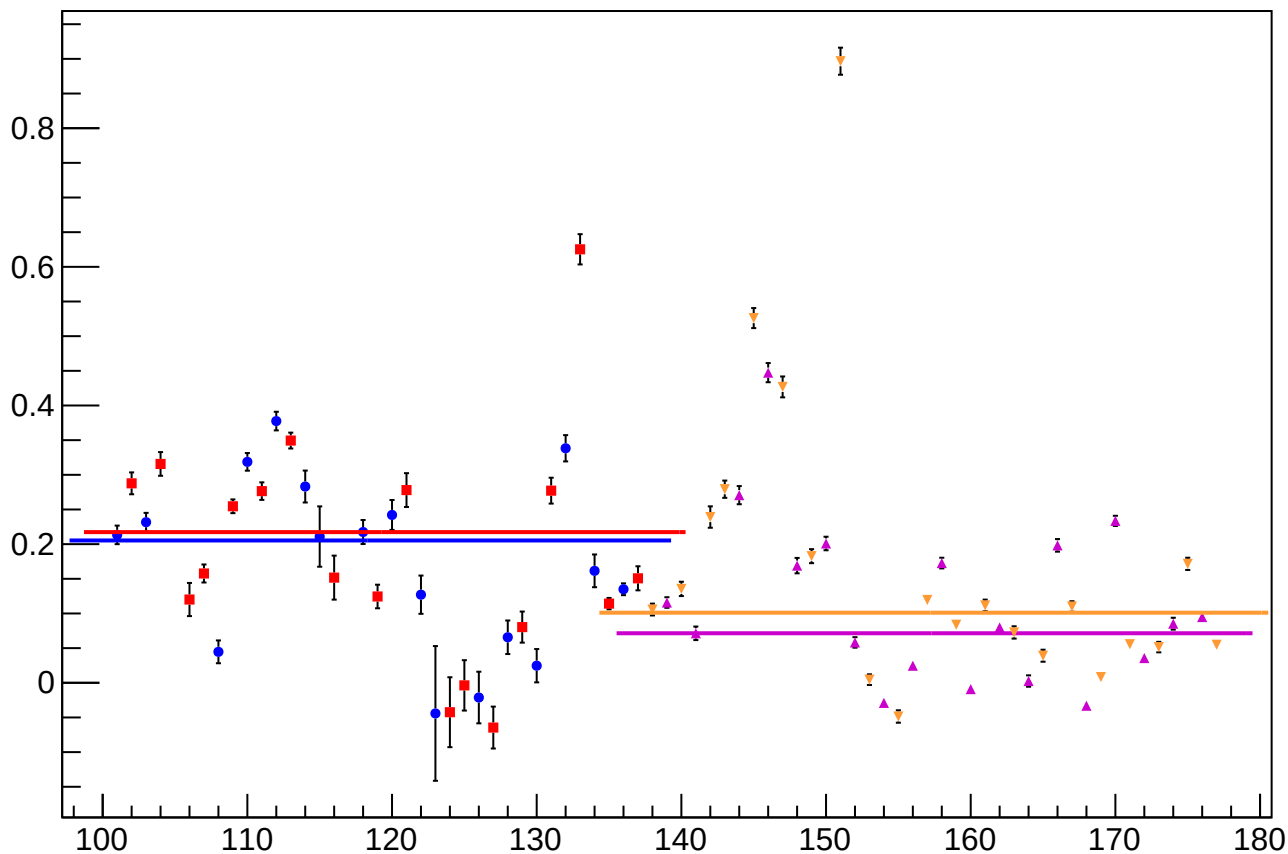
Out: 17.418 ± 0.044 χ^2/NDF : 107020.5/38

All: 16.256 ± 0.030 χ^2/NDF : 174308.1/74

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4264.5/20

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.071 ± 0.002 χ^2/NDF : 3226.7/18

Left: 0.085 ± 0.001 χ^2/NDF : 7630.6/39

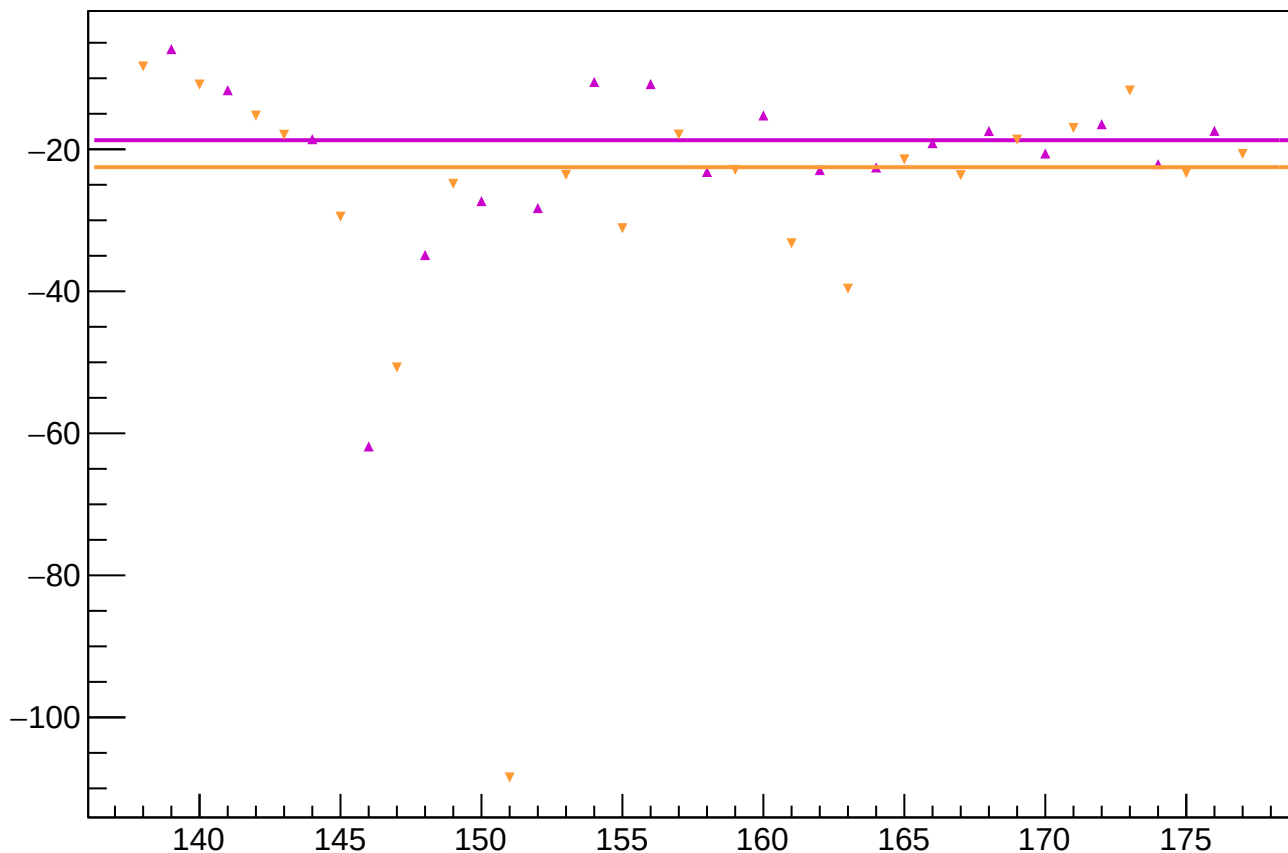
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.090 ± 0.002 χ^2/NDF : 4745.9/35

Out: 0.125 ± 0.002 χ^2/NDF : 6066.5/38

All: 0.106 ± 0.001 χ^2/NDF : 11040.3/74

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.725+/-0.045 χ^2/NDF : 38374.2/18

Left: -20.488+/-0.033 χ^2/NDF : 104053.8/39

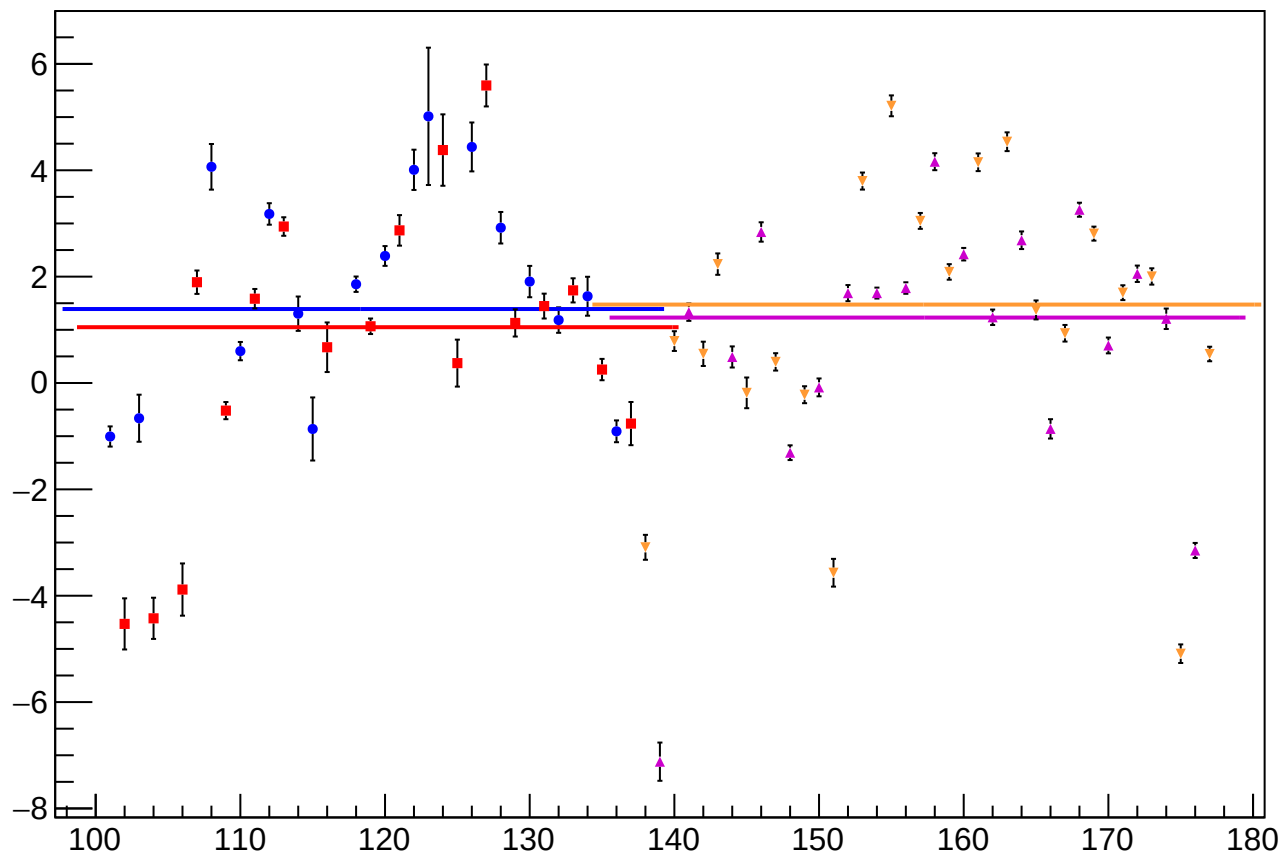
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.725+/-0.045 χ^2/NDF : 38374.2/18

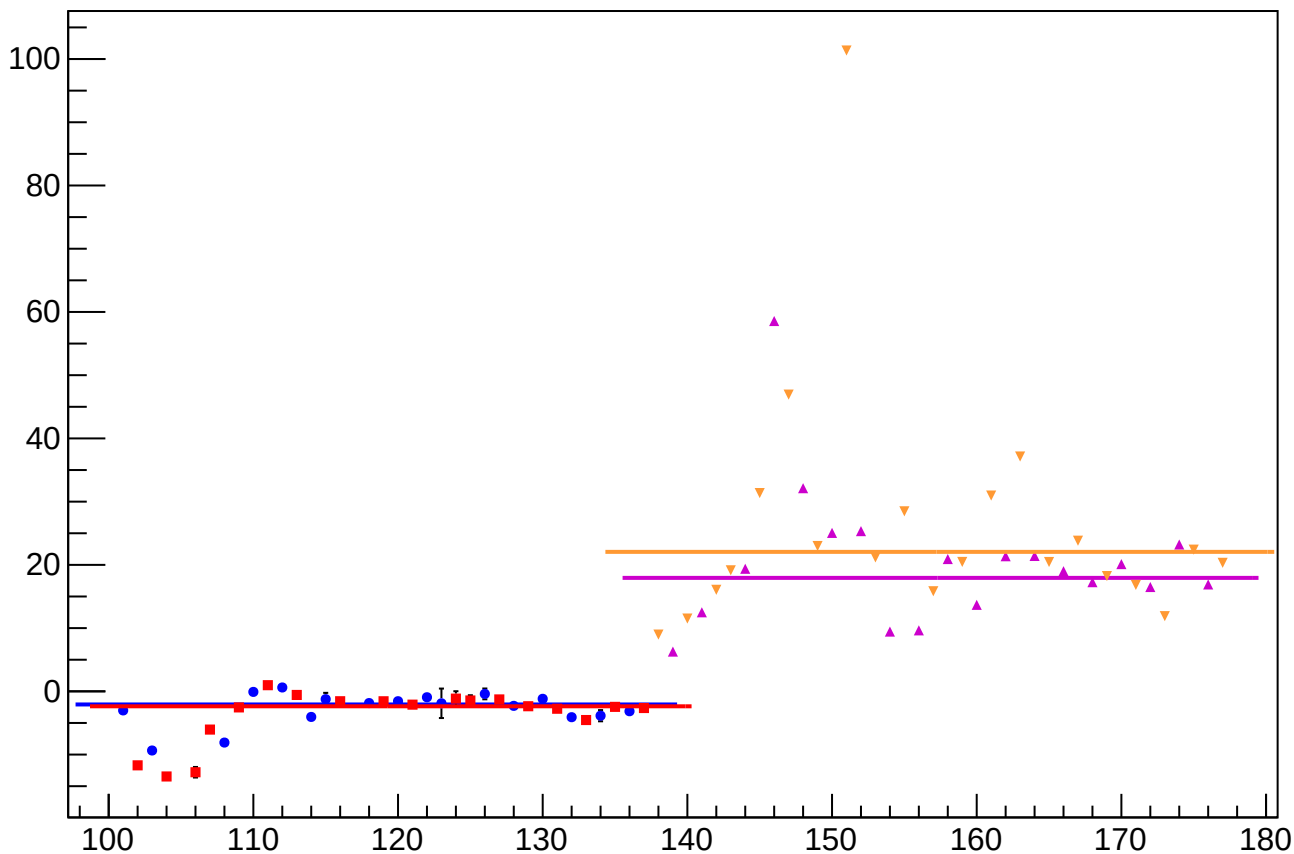
Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

All: -20.488+/-0.033 χ^2/NDF : 104053.8/39

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 22.058 ± 0.048 χ^2/NDF : 55629.7/20

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.944 ± 0.044 χ^2/NDF : 36418.7/18

Left: 19.832 ± 0.033 χ^2/NDF : 95987.5/39

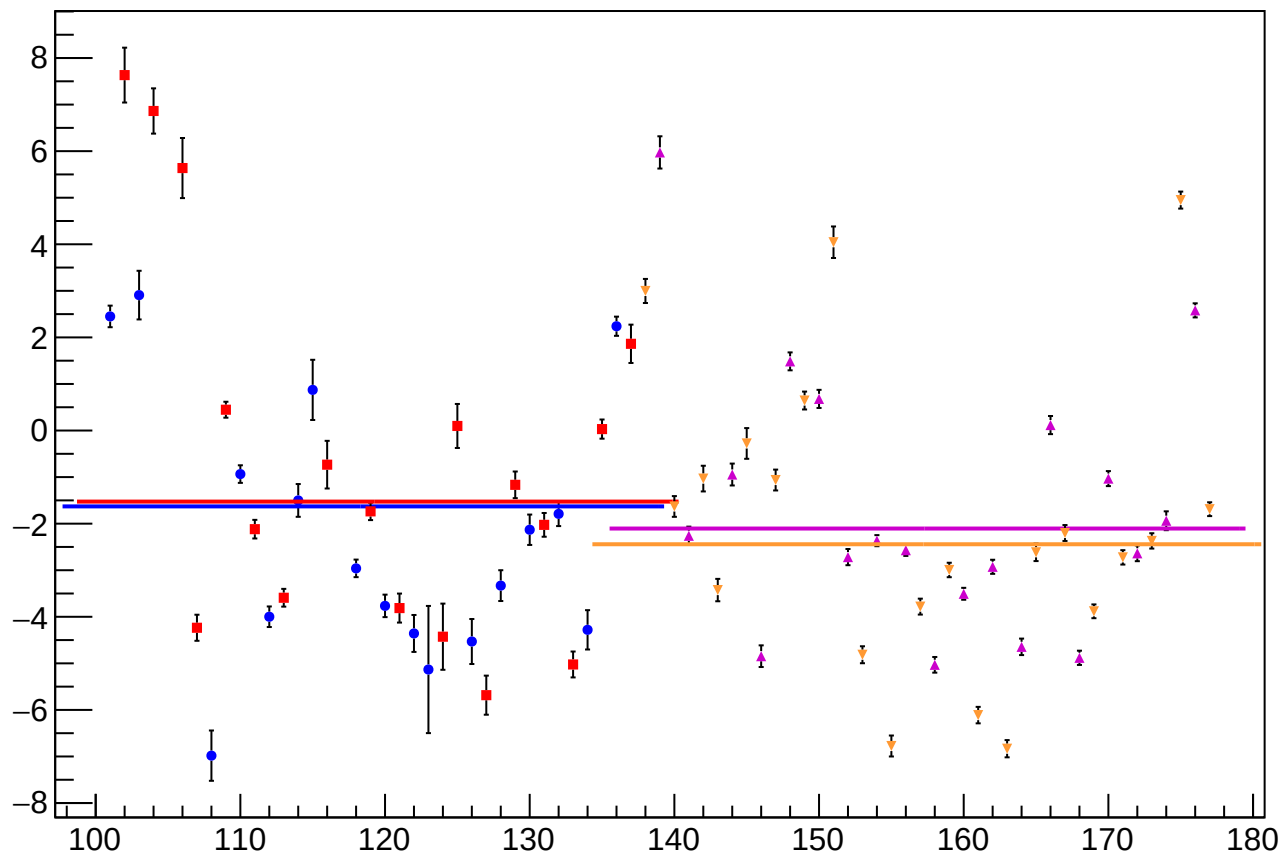
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 15.152 ± 0.041 χ^2/NDF : 65216.2/35

Out: 17.355 ± 0.043 χ^2/NDF : 105924.9/38

All: 16.197 ± 0.030 χ^2/NDF : 172498.9/74

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: -2.442 ± 0.042 χ^2/NDF : 4575.5/20

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.105 ± 0.038 χ^2/NDF : 3421.7/18

Left: -2.260 ± 0.028 χ^2/NDF : 8032.7/39

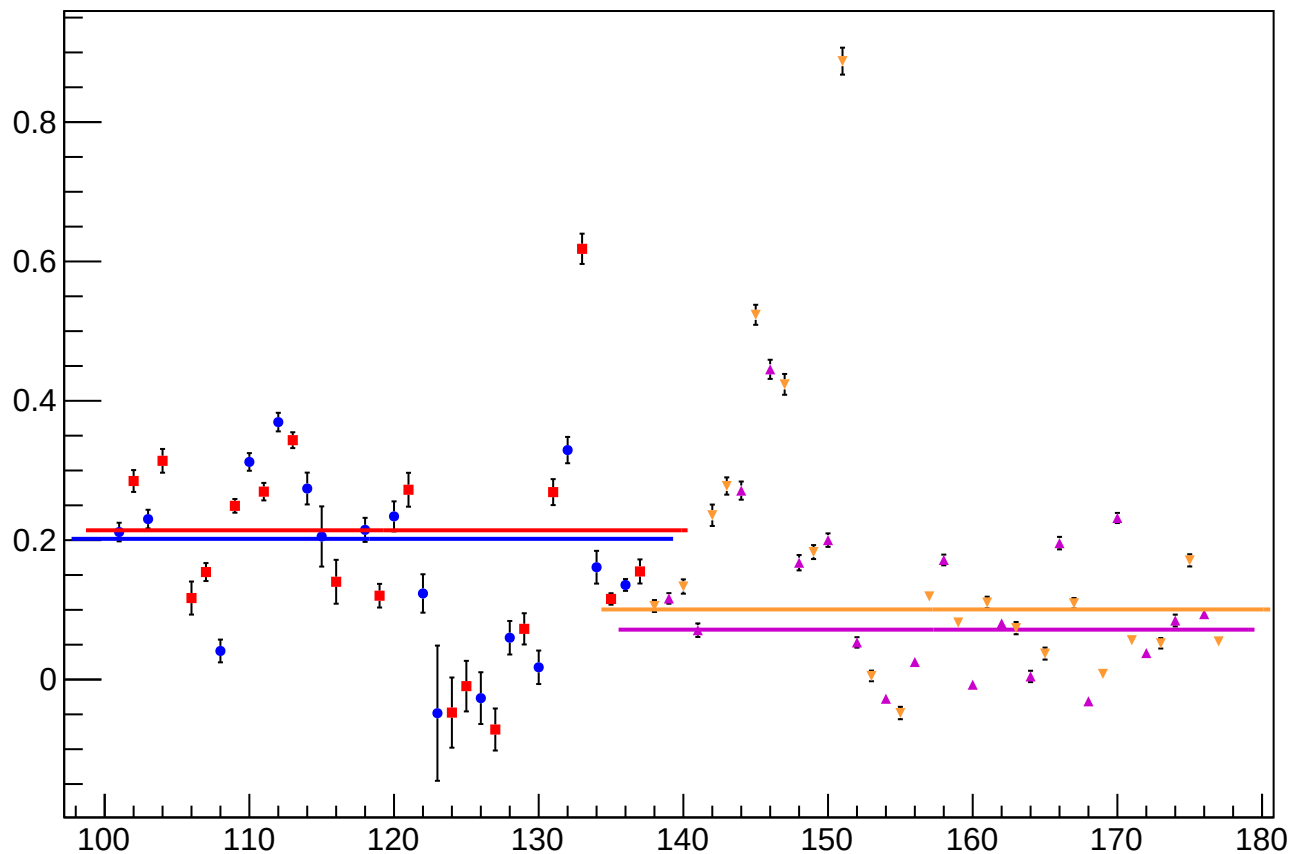
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.995 ± 0.034 χ^2/NDF : 4723.4/35

Out: -2.179 ± 0.035 χ^2/NDF : 6203.4/38

All: -2.083 ± 0.024 χ^2/NDF : 10941.2/74

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.101 $\pm$ 0.002 χ^2 /NDF:4256.8/20

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.072 $\pm$ 0.002 χ^2 /NDF:3198.8/18

Left: 0.084 $\pm$ 0.001 χ^2 /NDF: 7590.6/39

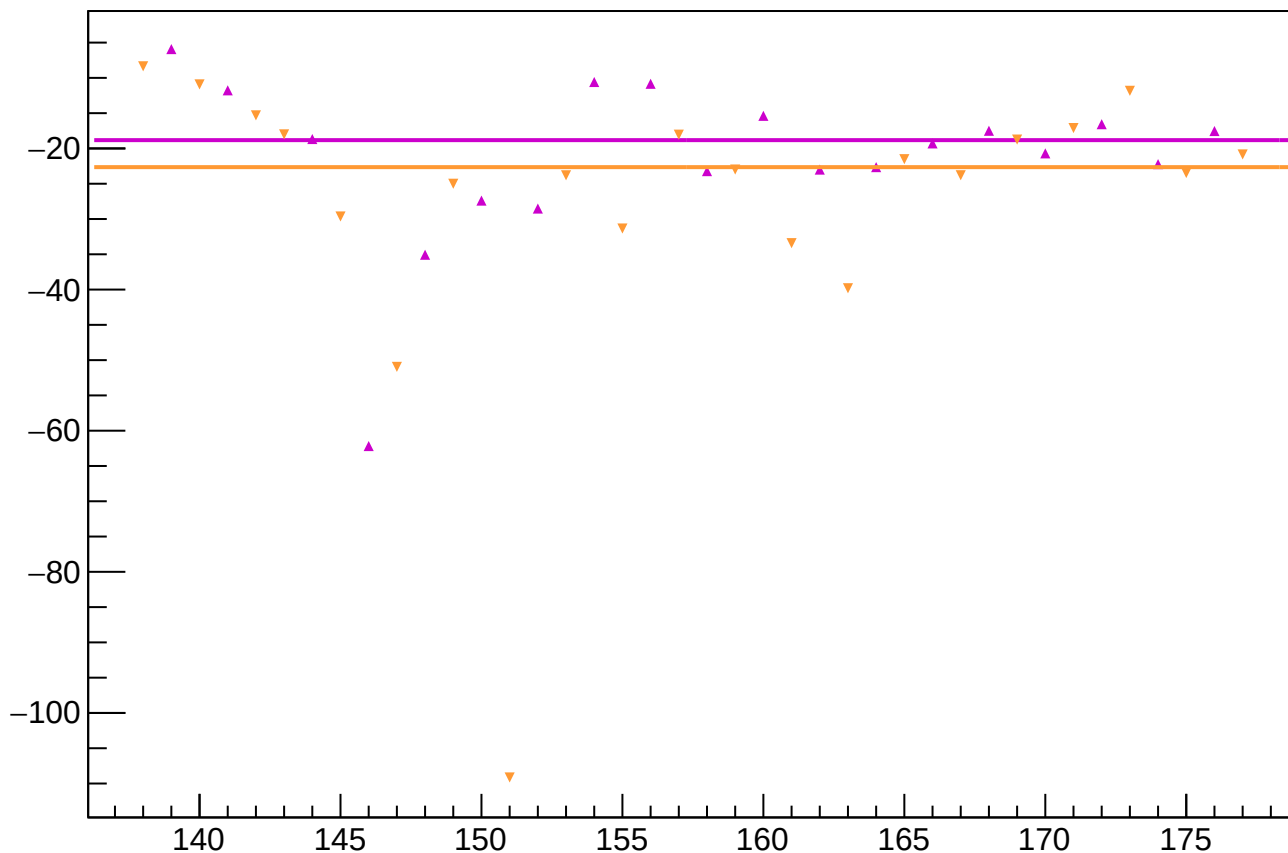
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4664.1/35

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6013.8/38

All: 0.105 $\pm$ 0.001 χ^2 /NDF: 10899.1/74

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.650+/-0.049 χ^2/NDF :62526.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.823+/-0.046 χ^2/NDF :38432.5/18

Left: -20.601+/-0.033 χ^2/NDF : 104246.1/39

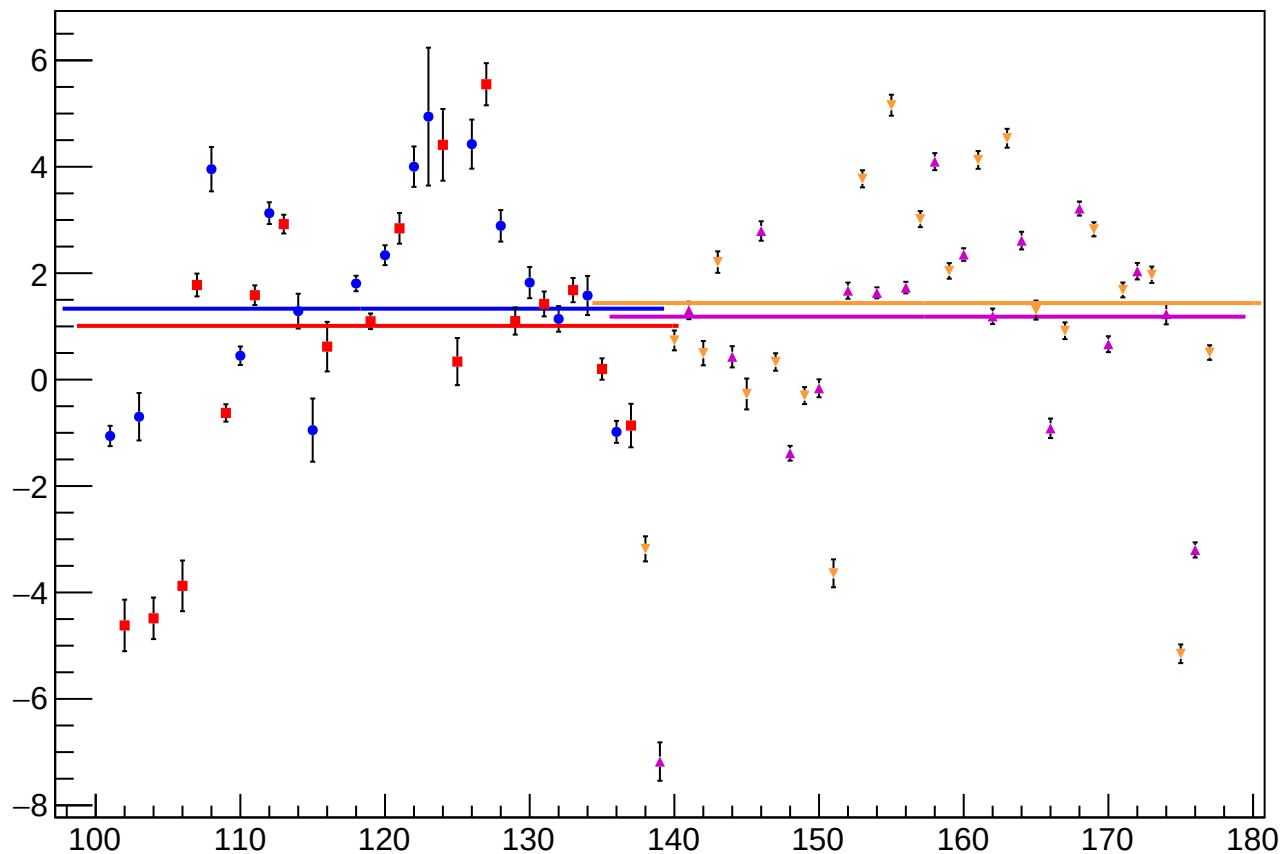
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.823+/-0.046 χ^2/NDF :38432.5/18

Out: -22.650+/-0.049 χ^2/NDF :62526.6/20

All: -20.601+/-0.033 χ^2/NDF : 104246.1/39

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: 1.438 ± 0.037 χ^2/NDF : 3853.2/20

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.183 ± 0.034 χ^2/NDF : 2945.8/18

Left: 1.300 ± 0.025 χ^2/NDF : 6824.4/39

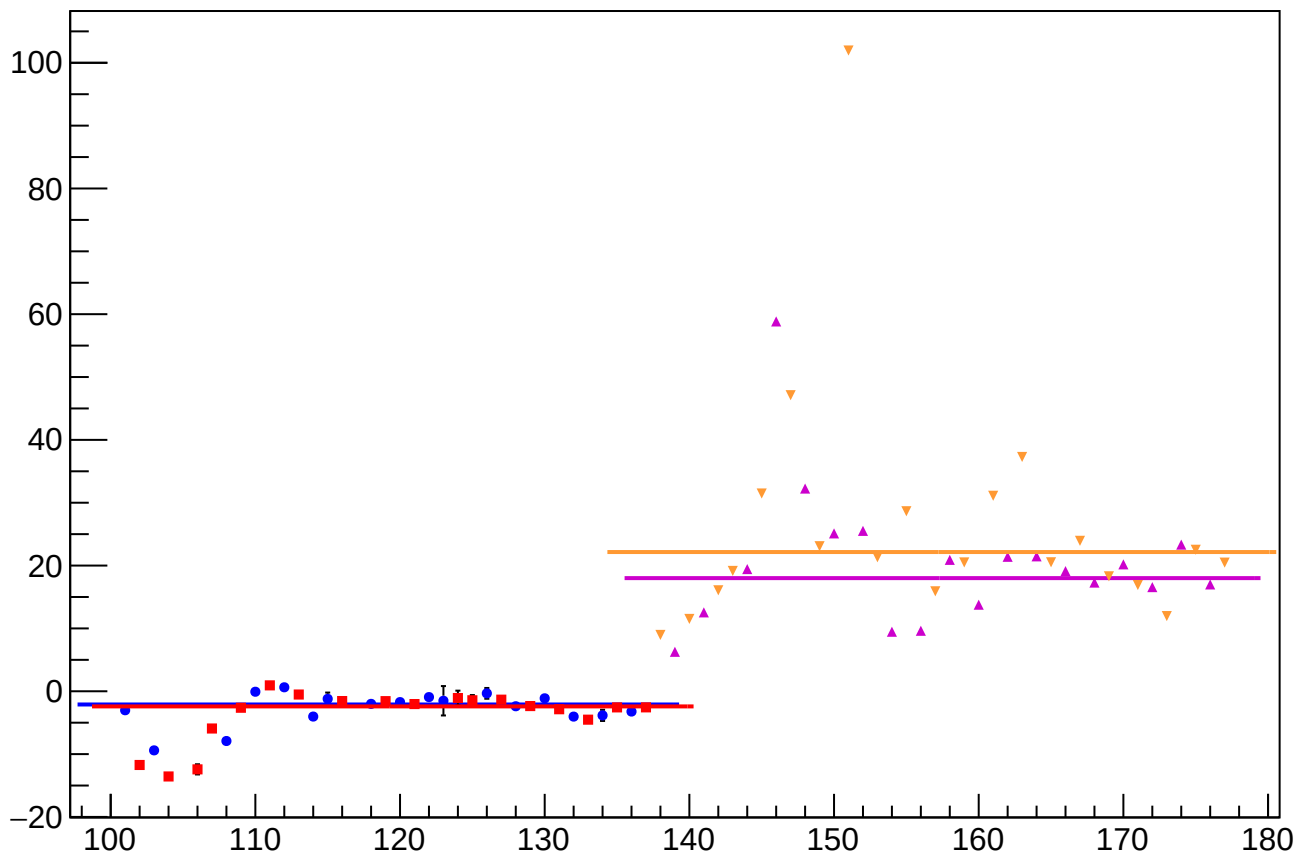
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.219 ± 0.030 χ^2/NDF : 3584.9/35

Out: 1.314 ± 0.031 χ^2/NDF : 4822.0/38

All: 1.264 ± 0.022 χ^2/NDF : 8411.8/74

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: 22.154 ± 0.048 χ^2/NDF : 55719.5/20

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 18.003 ± 0.045 χ^2/NDF : 36492.5/18

Left: 19.907 ± 0.033 χ^2/NDF : 96187.3/39

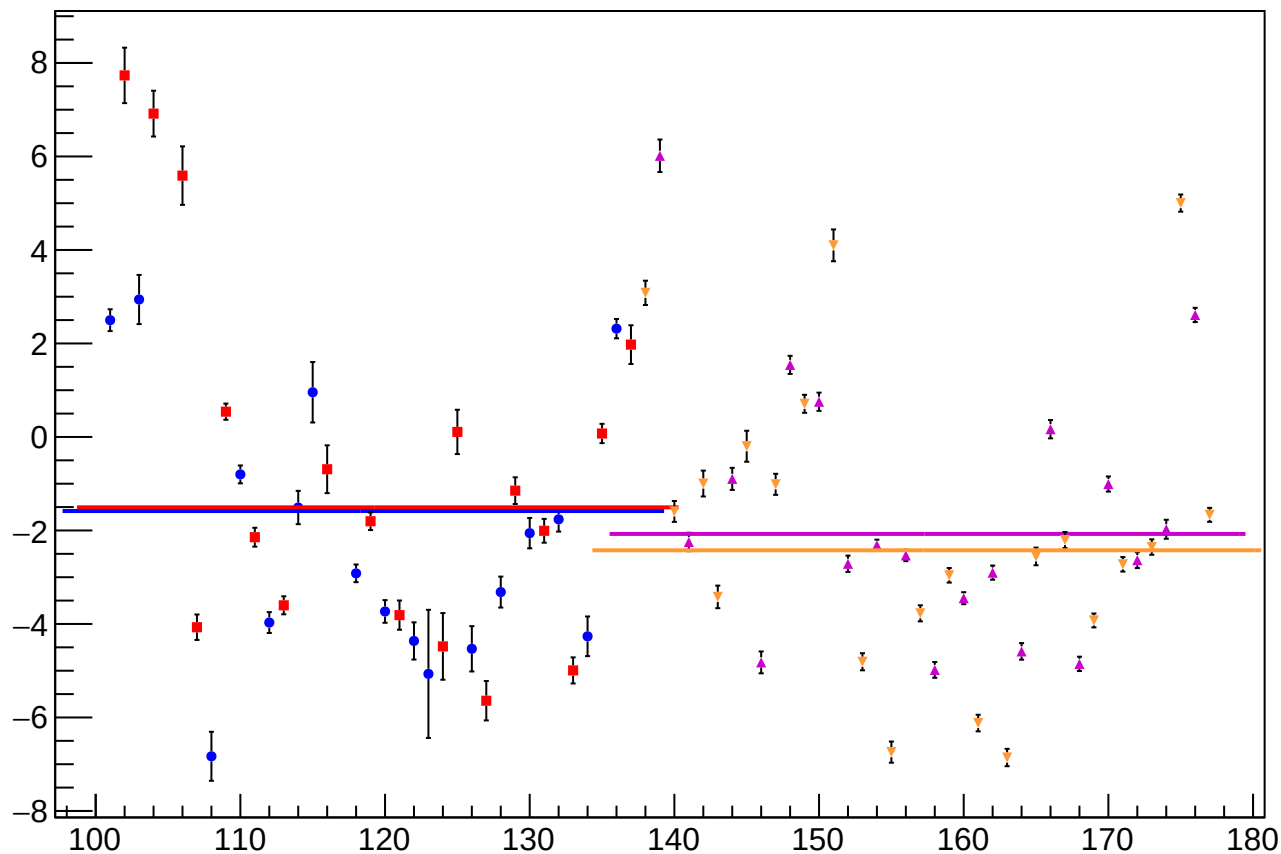
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 15.205 ± 0.041 χ^2/NDF : 65244.1/35

Out: 17.427 ± 0.044 χ^2/NDF : 106091.8/38

All: 16.260 ± 0.030 χ^2/NDF : 172705.1/74

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: -2.424 ± 0.042 χ^2/NDF : 4603.9/20

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -2.074 ± 0.039 χ^2/NDF : 3395.4/18

Left: -2.235 ± 0.028 χ^2/NDF : 8037.3/39

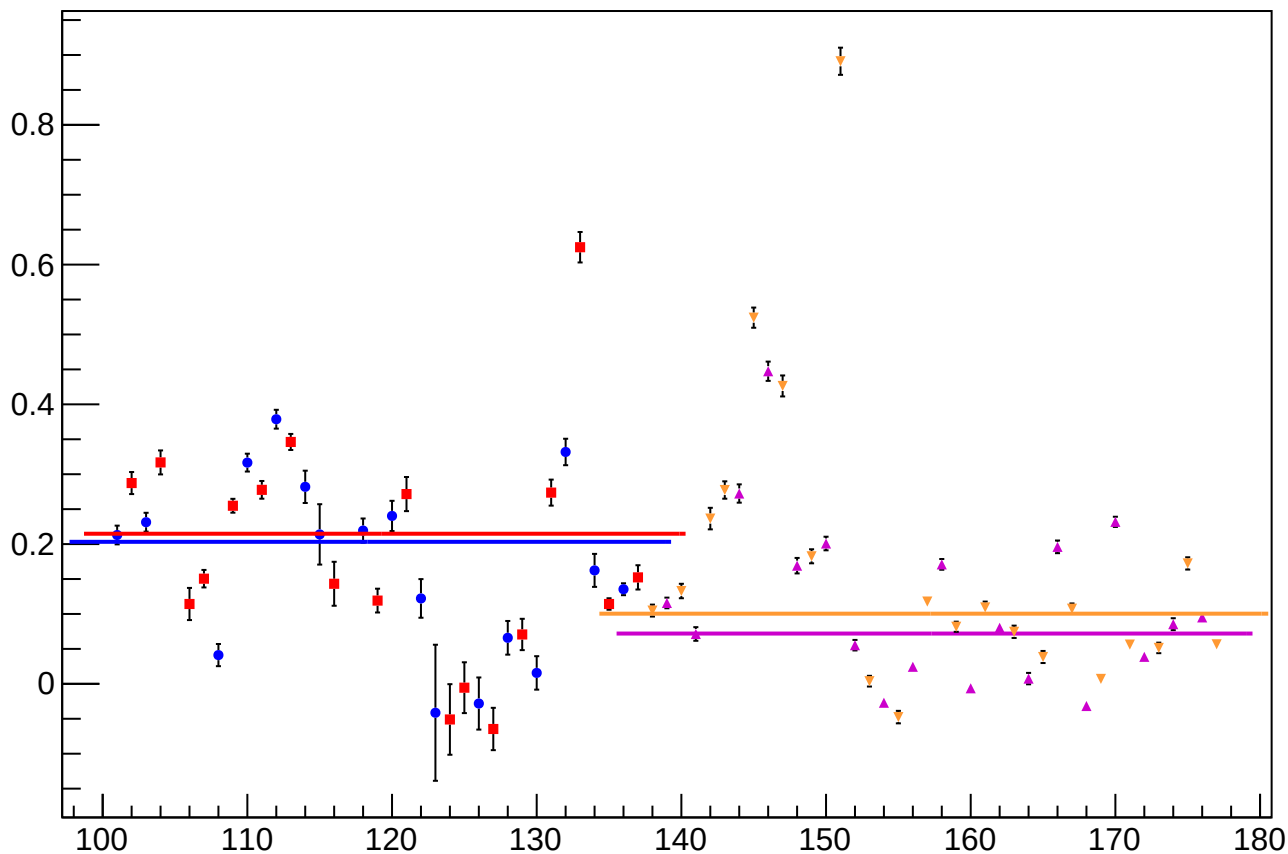
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.961 ± 0.034 χ^2/NDF : 4704.7/35

Out: -2.160 ± 0.035 χ^2/NDF : 6243.3/38

All: -2.056 ± 0.024 χ^2/NDF : 10964.6/74

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: 0.100 $\pm$ 0.002 χ^2 /NDF:4241.5/20

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.072 $\pm$ 0.002 χ^2 /NDF:3178.2/18

Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7548.6/39

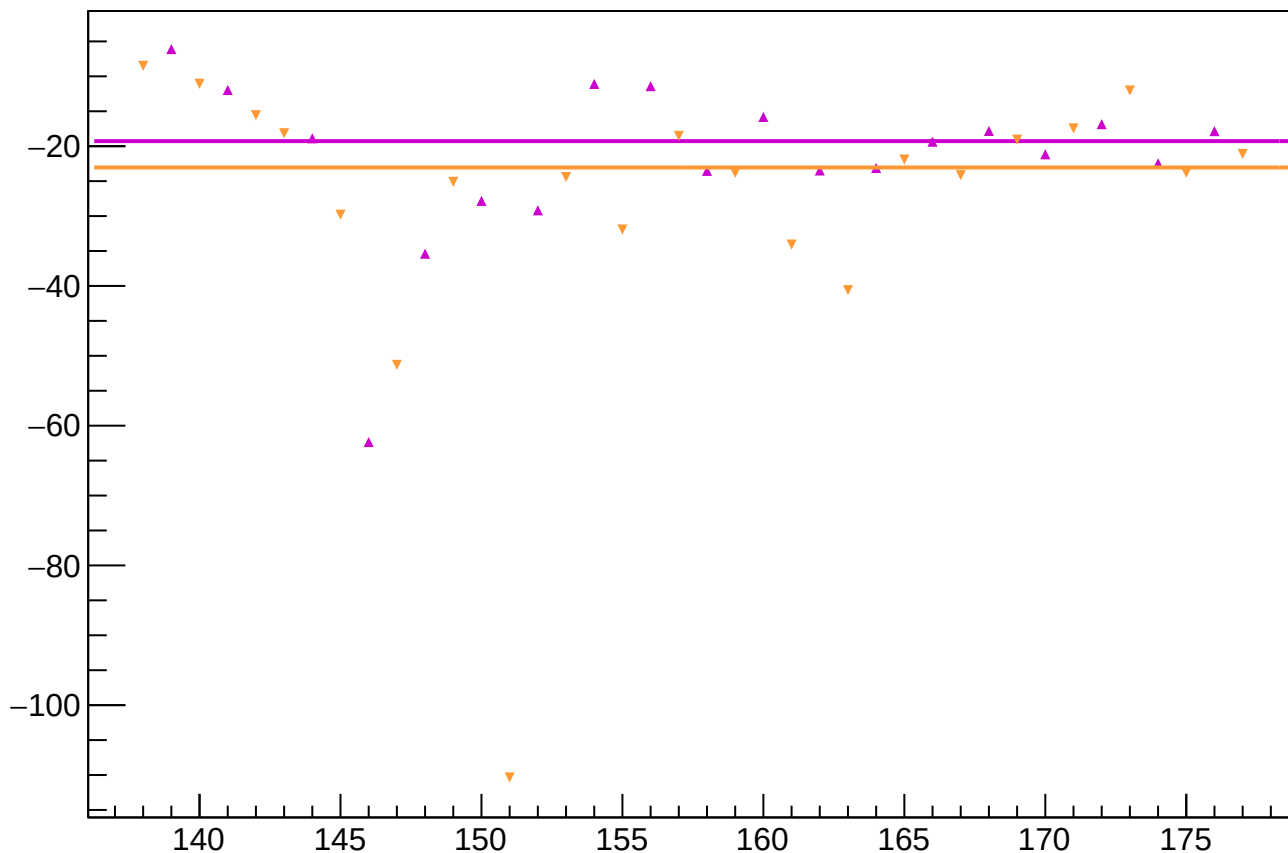
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF:4678.3/35

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6037.0/38

All: 0.106 $\pm$ 0.001 χ^2 /NDF: 10929.3/74

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.045+/-0.050 χ^2/NDF : 62389.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.271+/-0.047 χ^2/NDF : 37308.2/18

Left: -21.031+/-0.034 χ^2/NDF : 102758.3/39

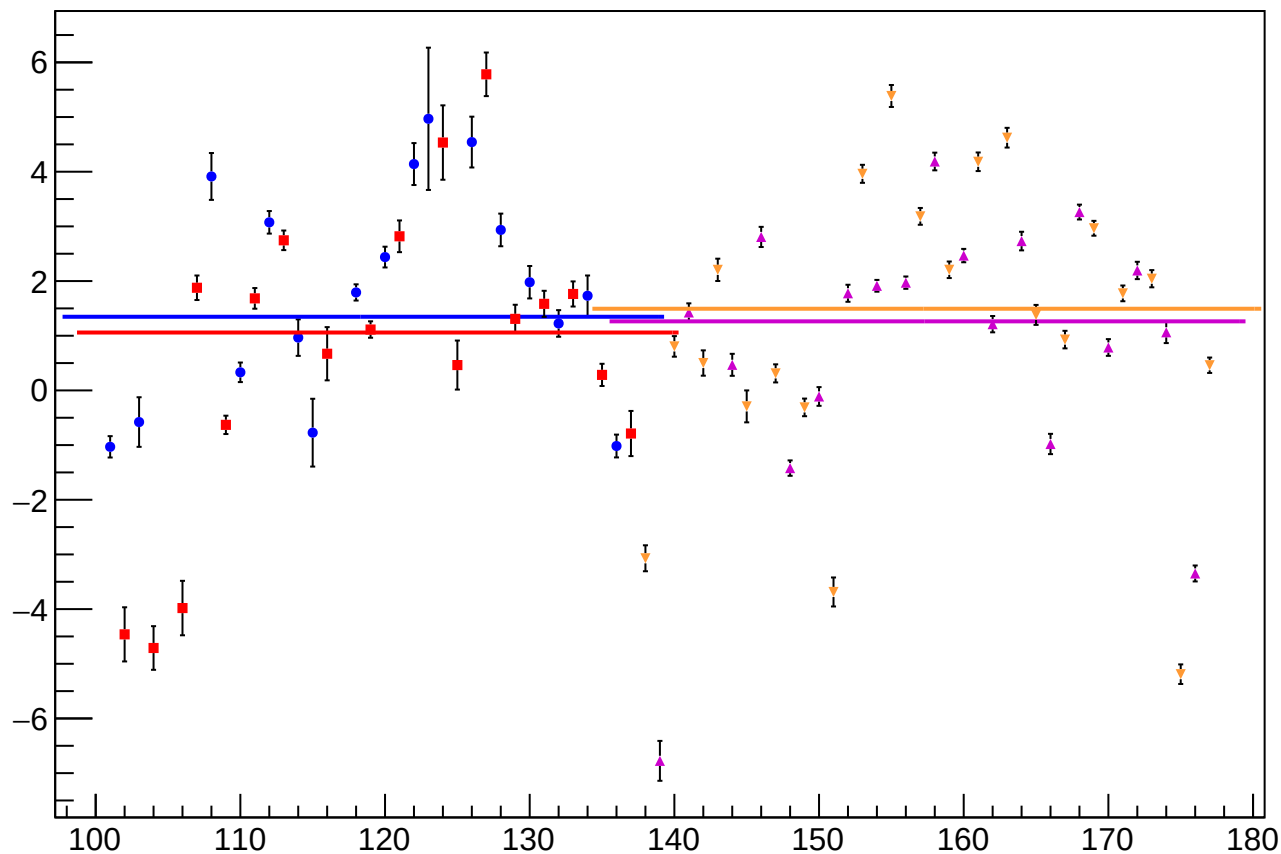
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.271+/-0.047 χ^2/NDF : 37308.2/18

Out: -23.045+/-0.050 χ^2/NDF : 62389.6/20

All: -21.031+/-0.034 χ^2/NDF : 102758.3/39

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: 1.494 $\pm$ 0.038 χ^2 /NDF:3892.3/20

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.263 $\pm$ 0.035 χ^2 /NDF:2991.6/18

Left: 1.370 $\pm$ 0.026 χ^2 /NDF: 6903.9/39

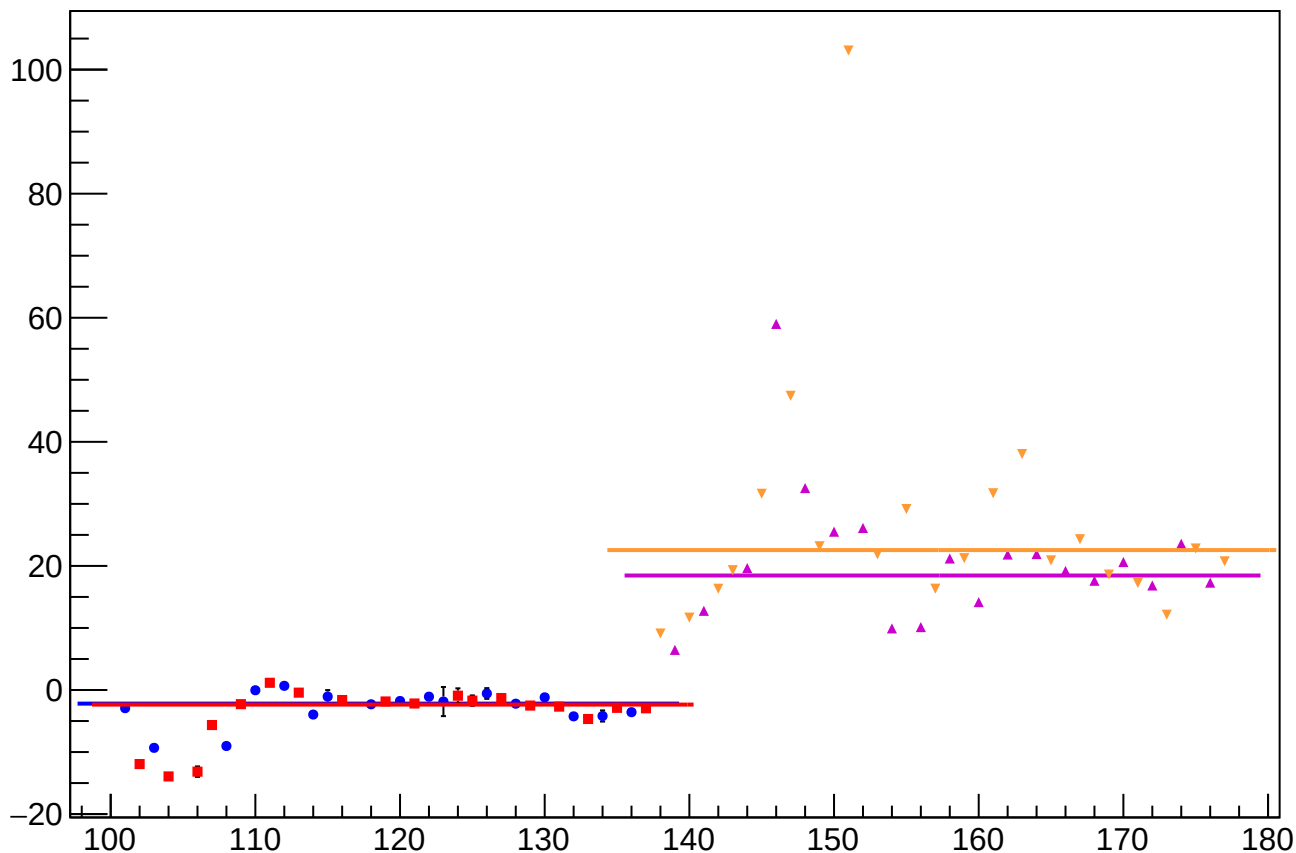
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.283 $\pm$ 0.031 χ^2 /NDF:3623.1/35

Out: 1.368 $\pm$ 0.032 χ^2 /NDF:4835.8/38

All: 1.324 $\pm$ 0.022 χ^2 /NDF: 8462.5/74

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: 22.553 ± 0.049 $\chi^2/\text{NDF}: 55475.2/20$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.455 ± 0.046 $\chi^2/\text{NDF}: 35209.4/18$

Left: 20.343 ± 0.034 $\chi^2/\text{NDF}: 94392.8/39$

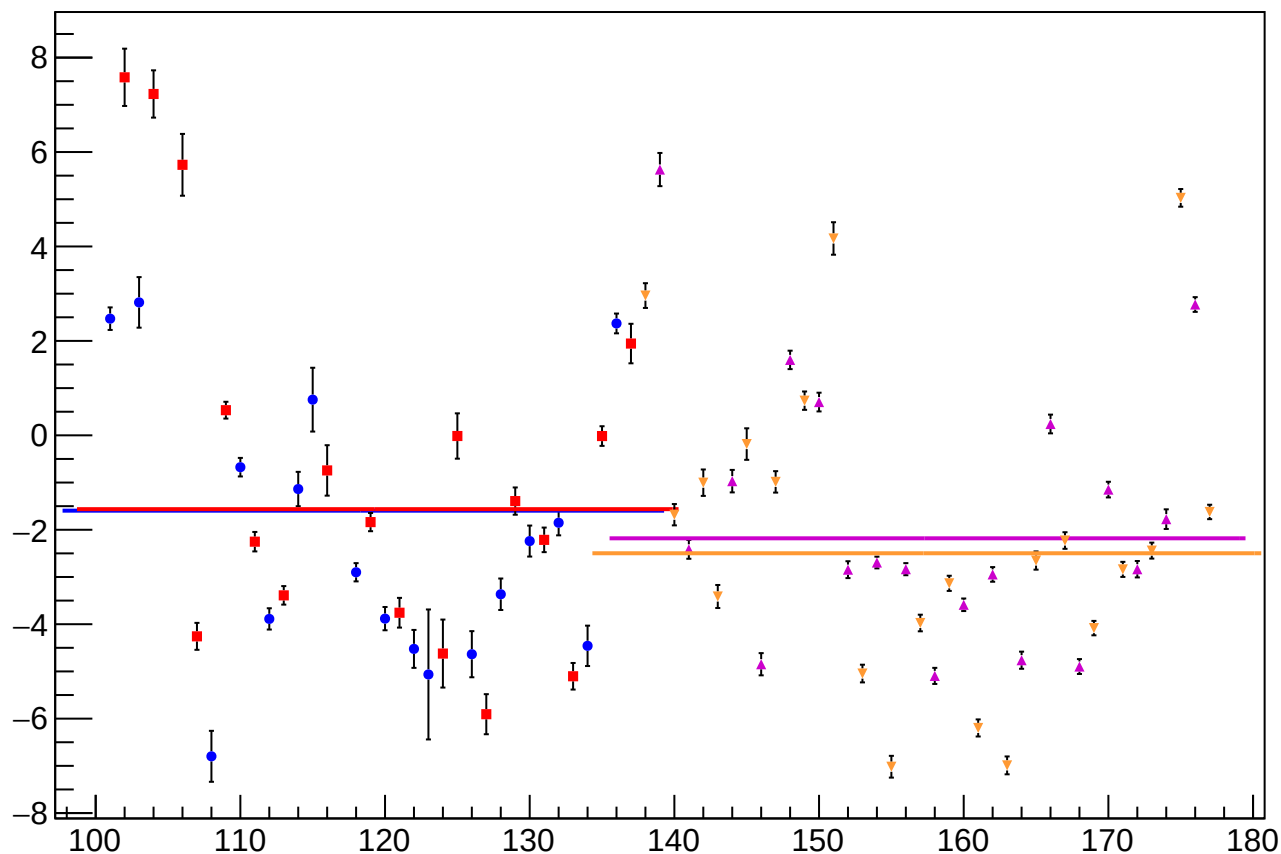
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 15.550 ± 0.042 $\chi^2/\text{NDF}: 64443.4/35$

Out: 17.768 ± 0.044 $\chi^2/\text{NDF}: 105168.1/38$

All: 16.606 ± 0.031 $\chi^2/\text{NDF}: 170918.2/74$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.497 ± 0.043 χ^2/NDF : 4634.2/20

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.181 ± 0.040 χ^2/NDF : 3431.5/18

Left: -2.328 ± 0.029 χ^2/NDF : 8095.4/39

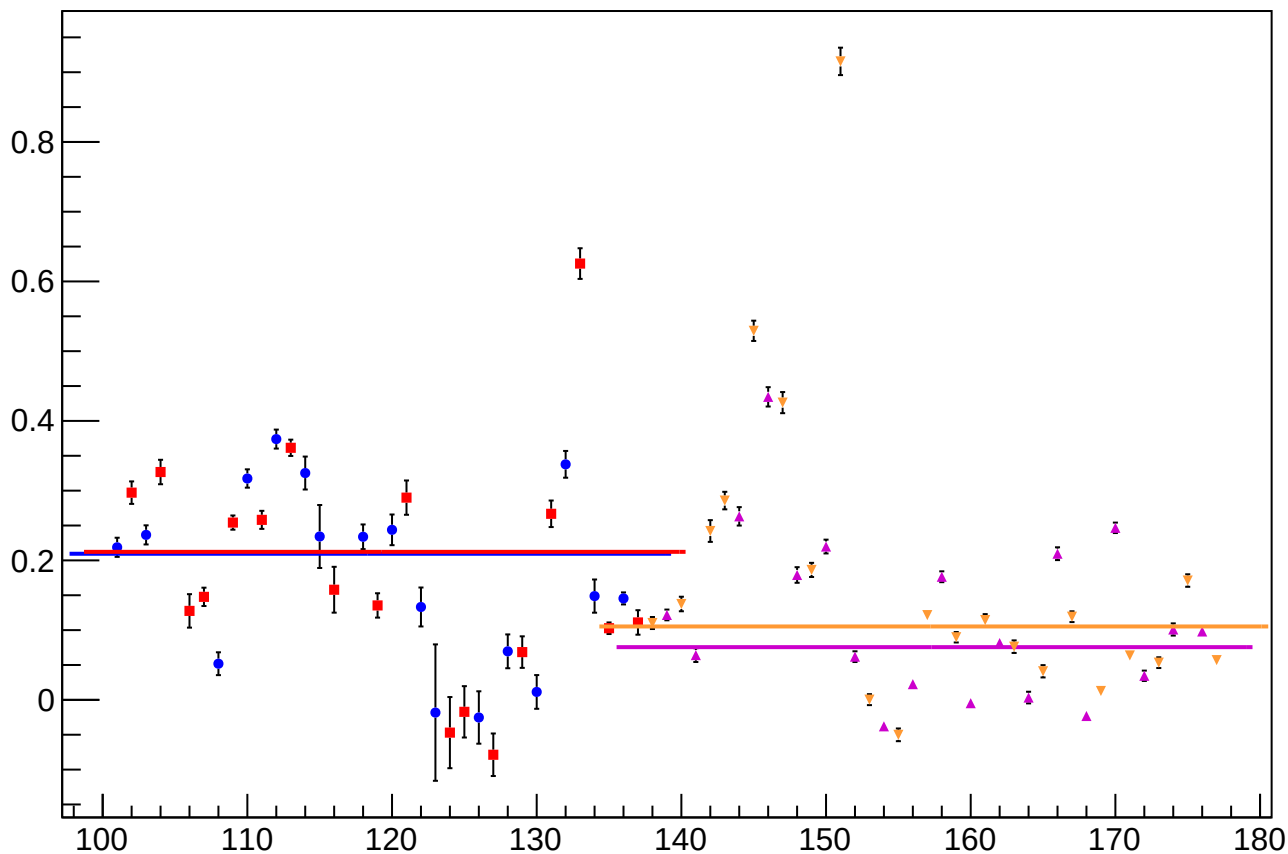
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.044 ± 0.035 χ^2/NDF : 4738.1/35

Out: -2.229 ± 0.036 χ^2/NDF : 6234.6/38

All: -2.133 ± 0.025 χ^2/NDF : 10986.3/74

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210+/-0.004 χ^2/NDF : 597.7/16

Left Out: 0.105+/-0.002 χ^2/NDF : 4269.7/20

Right Out: 0.212+/-0.004 χ^2/NDF : 1096.9/17

Left In: 0.076+/-0.002 χ^2/NDF : 3273.4/18

Left: 0.089+/-0.001 χ^2/NDF : 7677.0/39

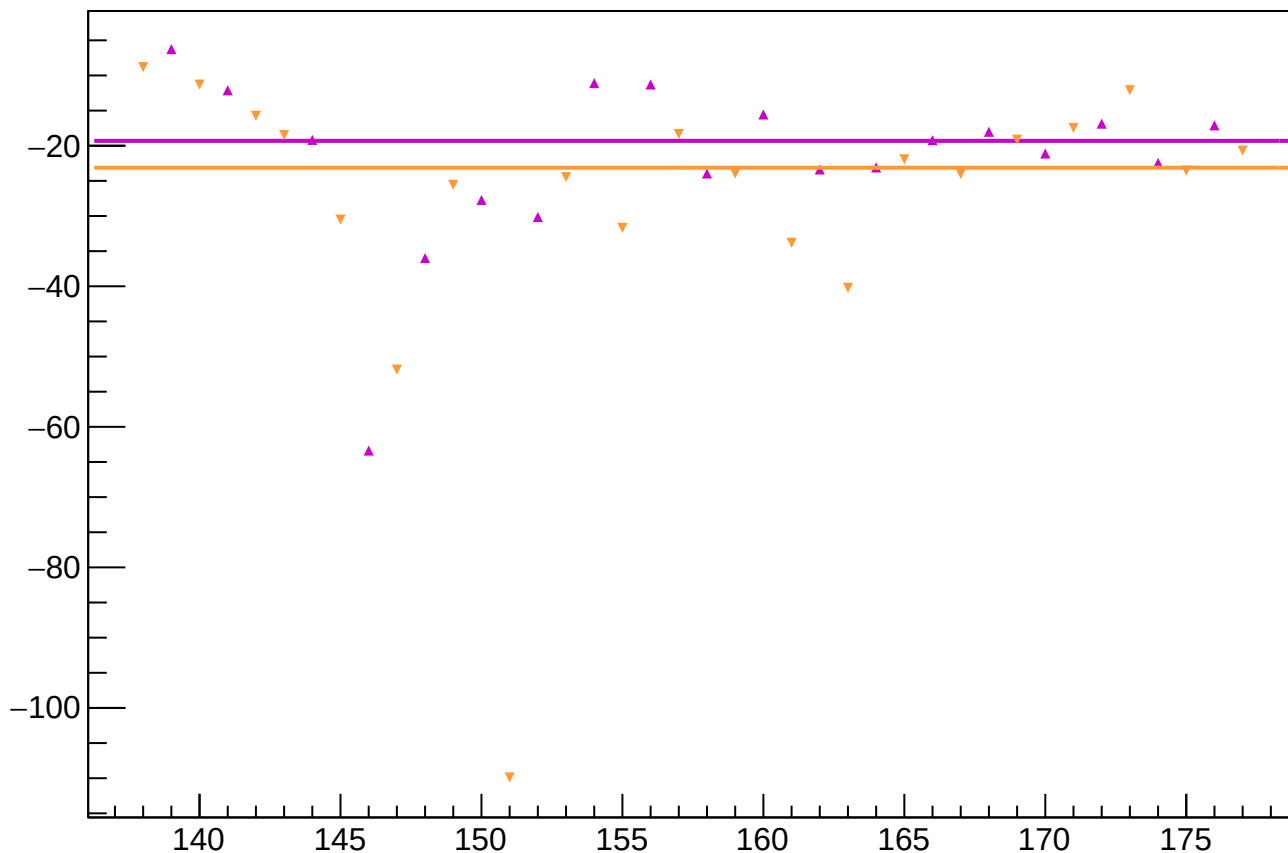
Right: 0.211+/-0.003 χ^2/NDF : 1694.9/34

In: 0.095+/-0.002 χ^2/NDF : 4740.8/35

Out: 0.127+/-0.002 χ^2/NDF : 6006.9/38

All: 0.110+/-0.001 χ^2/NDF : 10941.2/74

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Left: -21.092+/-0.034 χ^2/NDF : 102000.1/39

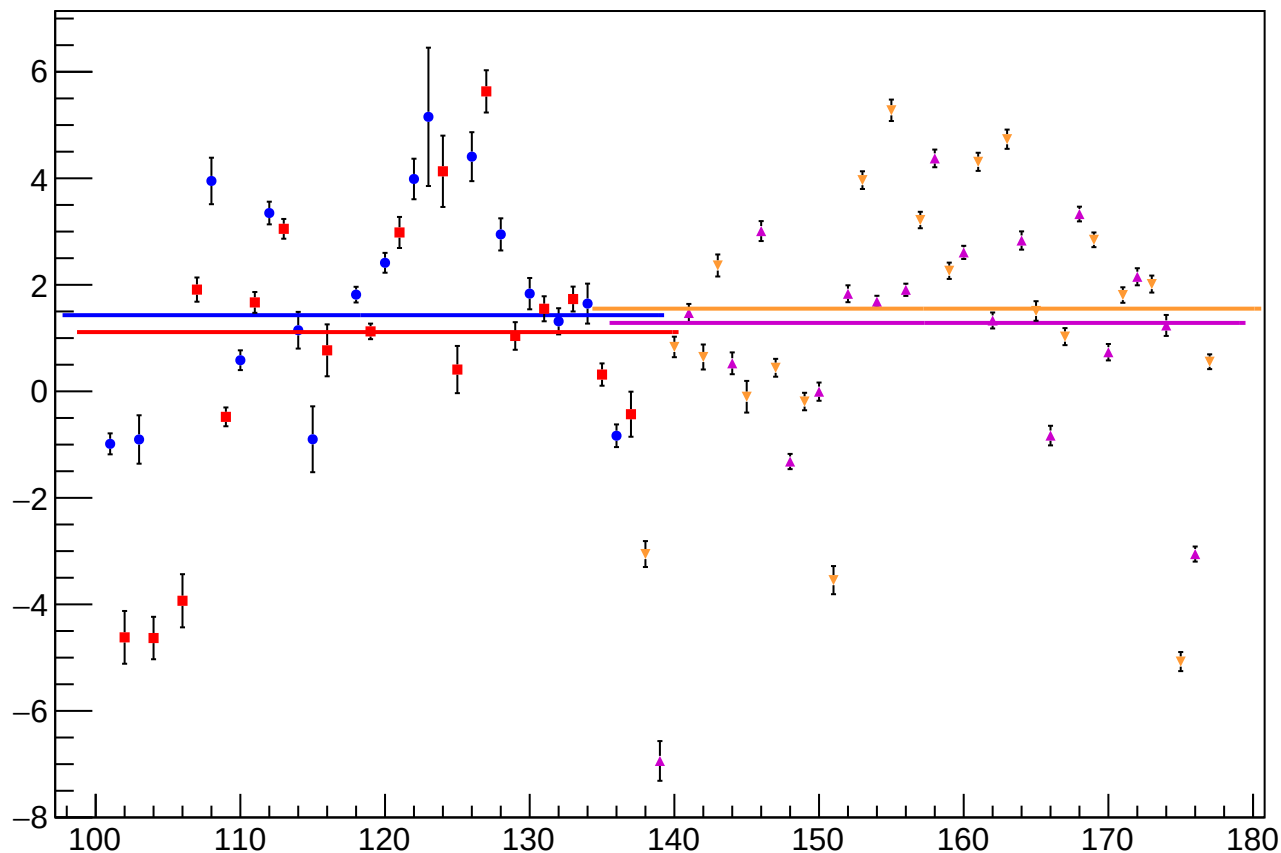
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.309+/-0.047 χ^2/NDF : 37671.7/18

Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

All: -21.092+/-0.034 χ^2/NDF : 102000.1/39

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: 1.553 ± 0.038 χ^2/NDF : 3756.2/20

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 1.285 ± 0.035 χ^2/NDF : 2904.0/18

Left: 1.409 ± 0.026 χ^2/NDF : 6686.5/39

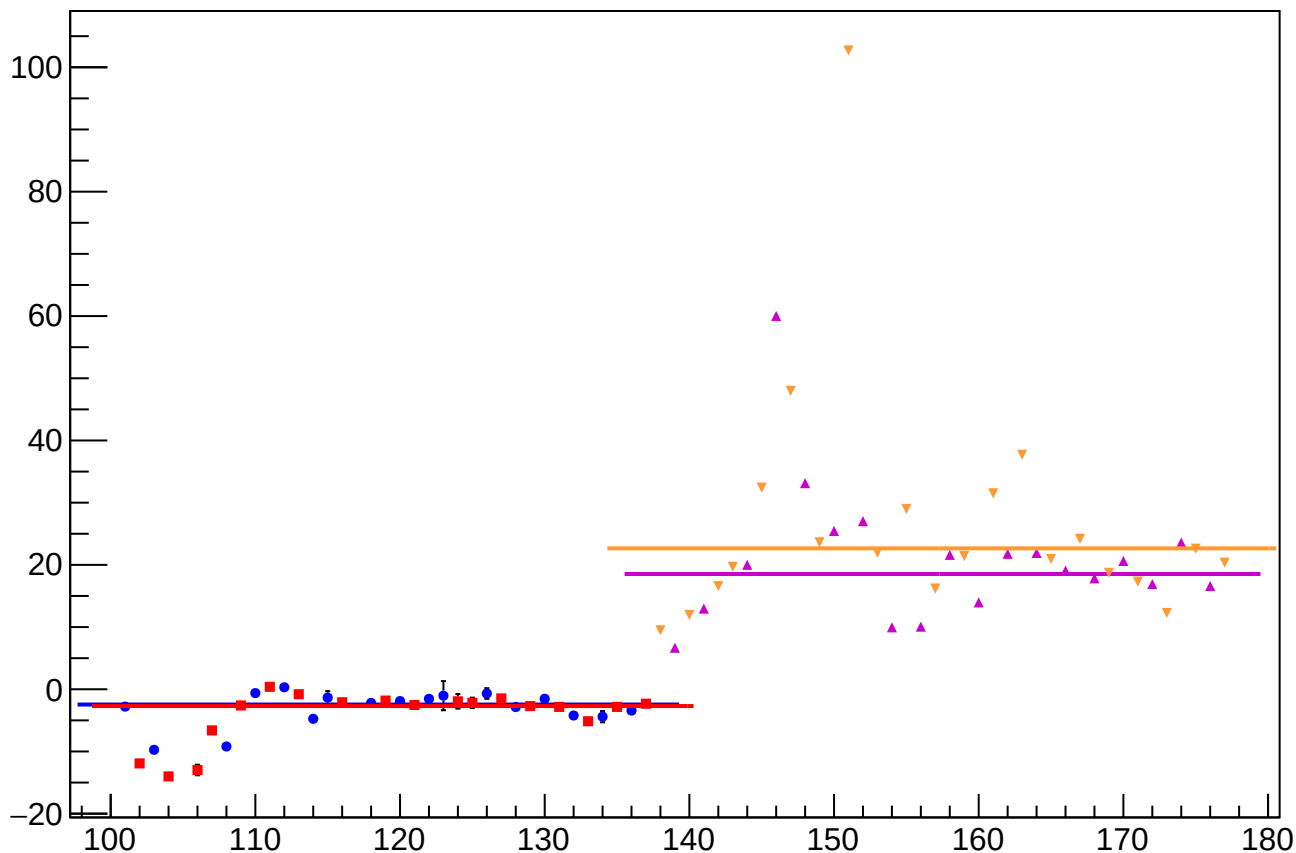
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 1.320 ± 0.031 χ^2/NDF : 3506.1/35

Out: 1.426 ± 0.032 χ^2/NDF : 4682.0/38

All: 1.371 ± 0.022 χ^2/NDF : 8193.7/74

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.653 ± 0.050 χ^2/NDF : 54575.1/20

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.532 ± 0.046 χ^2/NDF : 35571.3/18

Left: 20.434 ± 0.034 χ^2/NDF : 93838.4/39

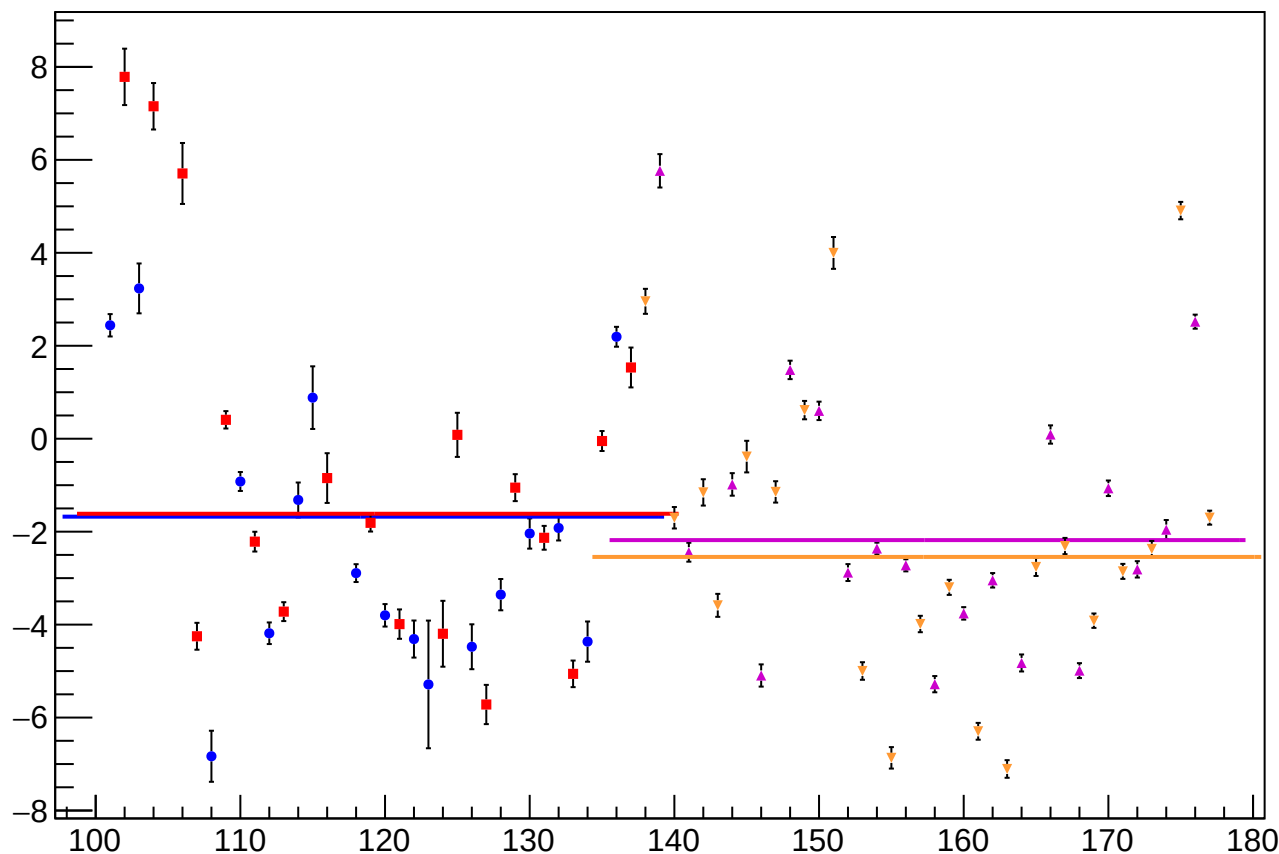
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.610 ± 0.043 χ^2/NDF : 64882.7/35

Out: 17.897 ± 0.045 χ^2/NDF : 104091.7/38

All: 16.699 ± 0.031 χ^2/NDF : 170336.4/74

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.544 ± 0.043 χ^2/NDF : 4482.8/20

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.182 ± 0.040 χ^2/NDF : 3387.6/18

Left: -2.350 ± 0.029 χ^2/NDF : 7908.6/39

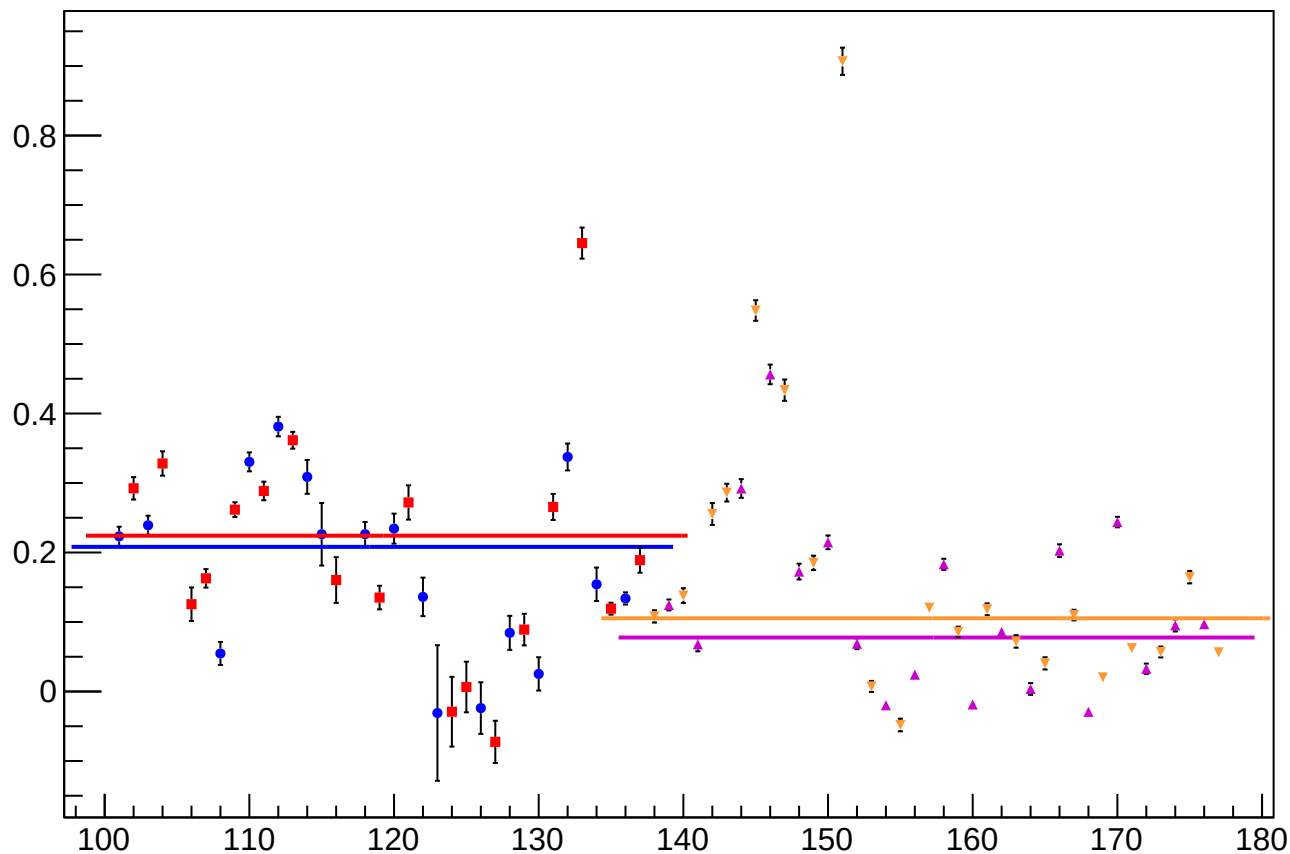
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.064 ± 0.035 χ^2/NDF : 4629.6/35

Out: -2.279 ± 0.036 χ^2/NDF : 6043.7/38

All: -2.168 ± 0.025 χ^2/NDF : 10691.6/74

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: 0.105 $\pm$ 0.002 χ^2 /NDF:4233.6/20

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.078 $\pm$ 0.002 χ^2 /NDF:3241.1/18

Left: 0.090 $\pm$ 0.001 χ^2 /NDF: 7589.6/39

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF:4645.5/35

Out: 0.129 $\pm$ 0.002 χ^2 /NDF:5991.5/38

All: 0.111 $\pm$ 0.001 χ^2 /NDF: 10833.1/74