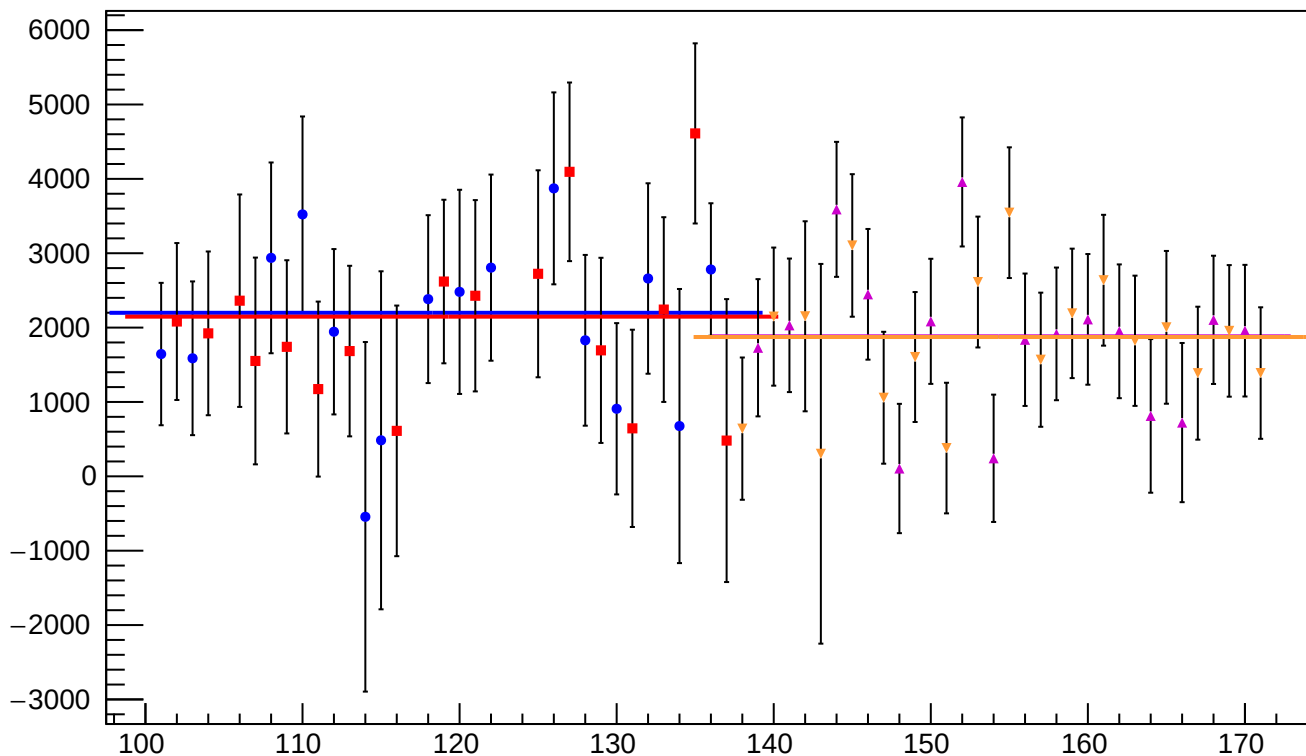


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1873.377+/-221.006

Right Out: 2147.149+/-304.804

Left In: 1882.761+/-224.535

χ^2/NDF : 8.6/15

χ^2/NDF : 13.6/17

χ^2/NDF : 11.4/16

χ^2/NDF : 20.0/15

Left: 1877.994+/-157.508

Right: 2172.848+/-216.219

In: 1993.038+/-181.186

Out: 1967.713+/-178.922

All: 1980.216+/-127.310

χ^2/NDF : 33.6/33

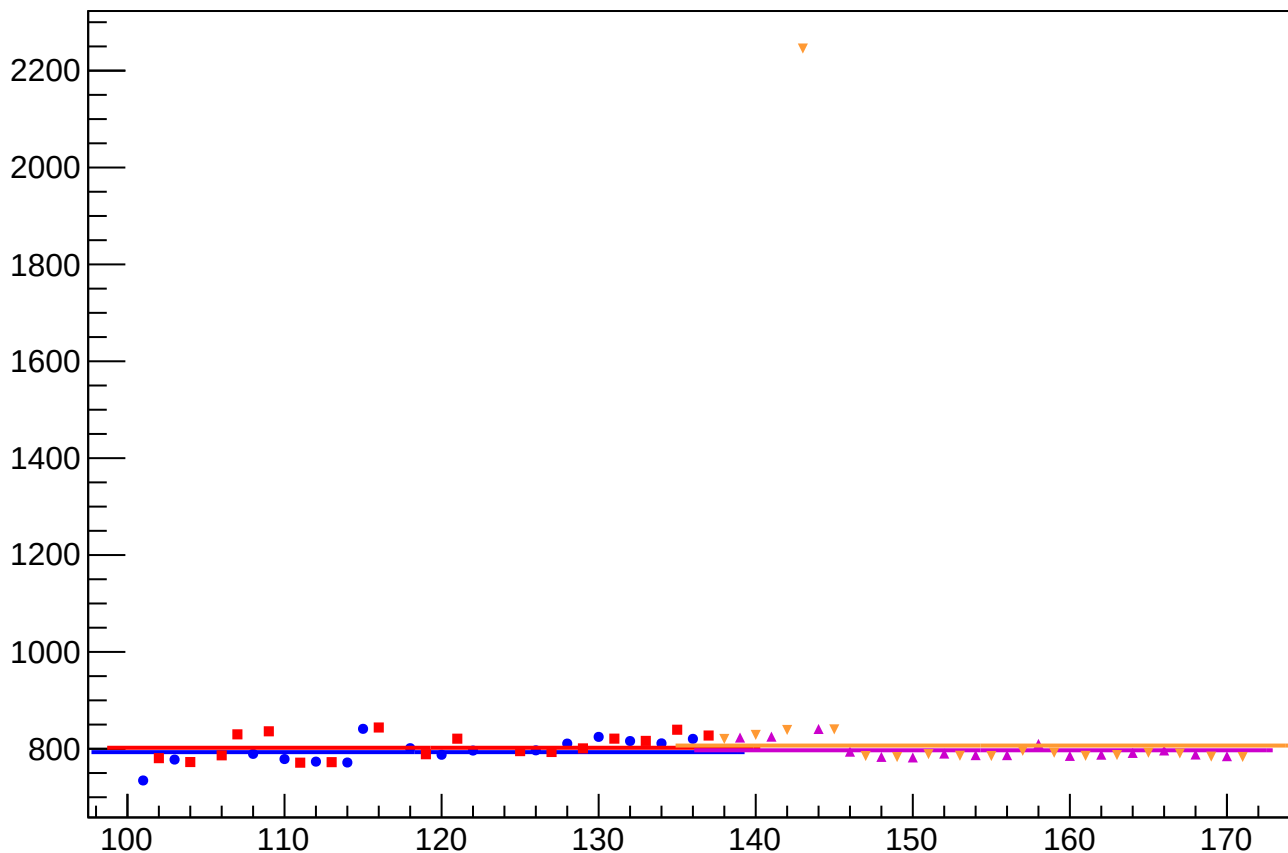
χ^2/NDF : 20.0/32

χ^2/NDF : 29.3/31

χ^2/NDF : 25.5/34

χ^2/NDF : 54.9/66

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 806.689 ± 0.156 χ^2/NDF : 653304.7/17

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

Left In: 796.916 ± 0.159 χ^2/NDF : 11687.4/15

Left: 801.880 ± 0.111 χ^2/NDF : 666916.7/33

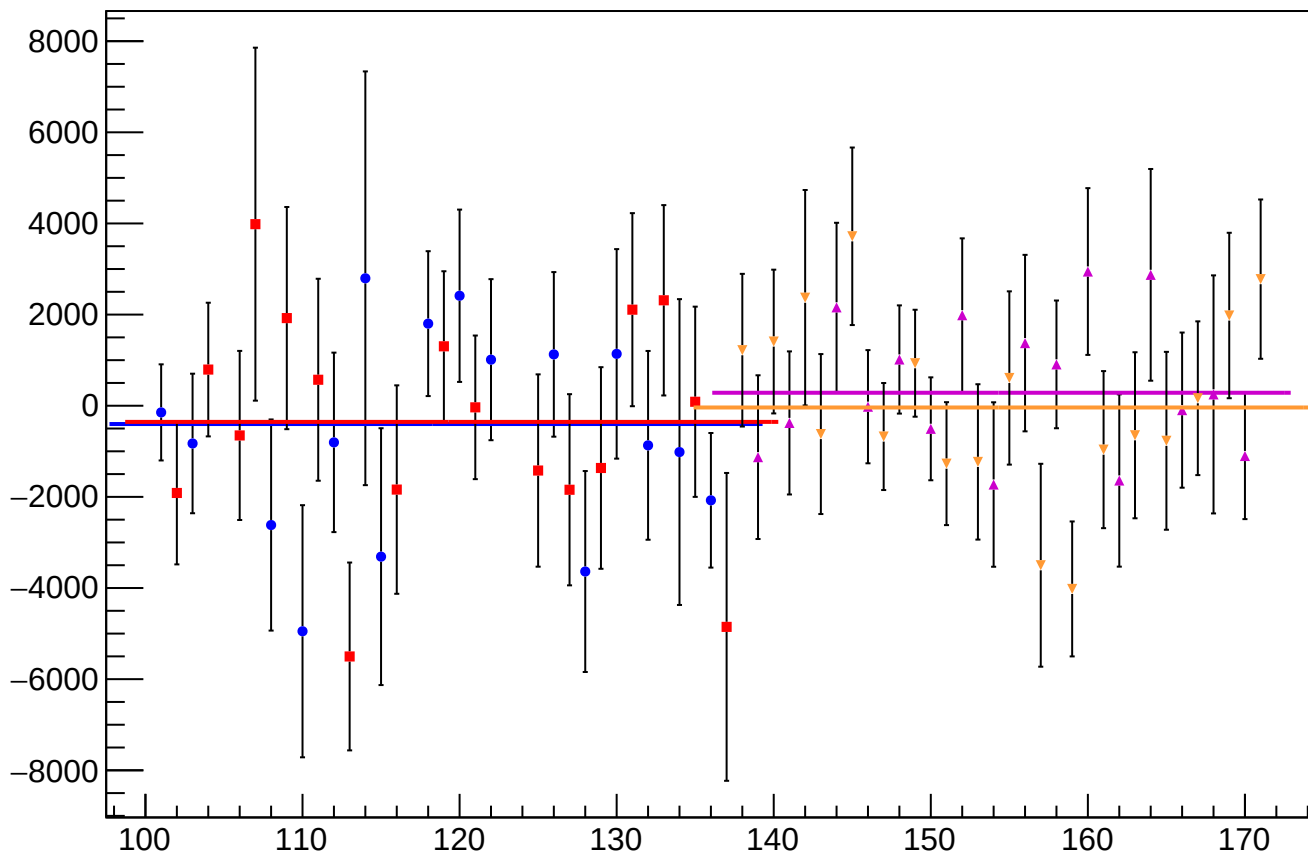
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 795.582 ± 0.128 χ^2/NDF : 26592.9/31

Out: 805.124 ± 0.127 χ^2/NDF : 666319.3/34

All: 800.413 ± 0.090 χ^2/NDF : 695721.0/66

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -38.462+/-386.668 χ^2/NDF : 22.7/17

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

Left In: 284.699+/-396.547 χ^2/NDF : 11.0/15

Left: 119.043+/-276.843 χ^2/NDF : 34.0/33

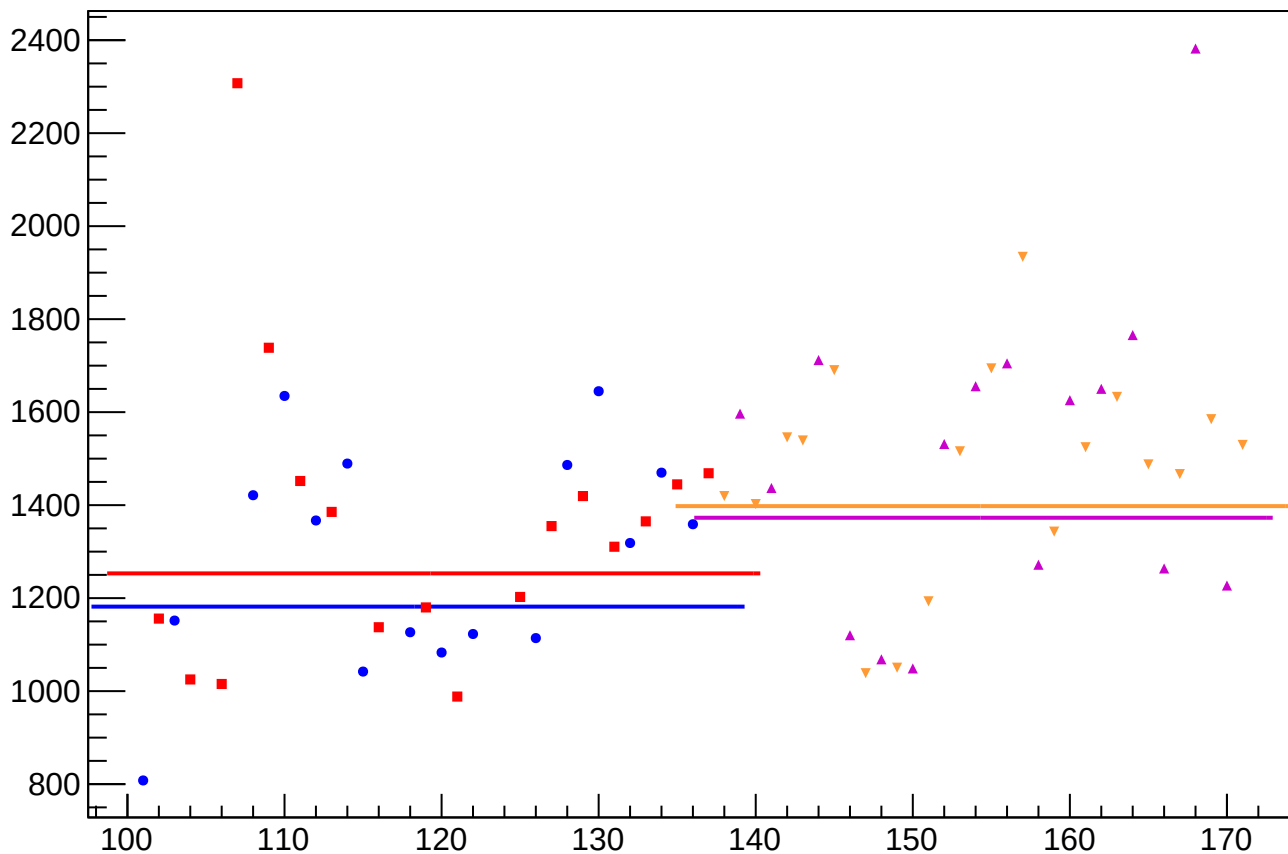
Right: -378.842+/-337.535 χ^2/NDF : 32.2/32

In: -1.581+/-302.725 χ^2/NDF : 27.0/31

Out: -160.791+/-302.710 χ^2/NDF : 40.4/34

All: -81.190+/-214.054 χ^2/NDF : 67.6/66

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1397.891+/-0.273 χ^2/NDF : 736050.3/17

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

Left In: 1372.884+/-0.280 χ^2/NDF : 1083649.4/15

Left: 1385.703+/-0.196 χ^2/NDF : 1823776.9/33

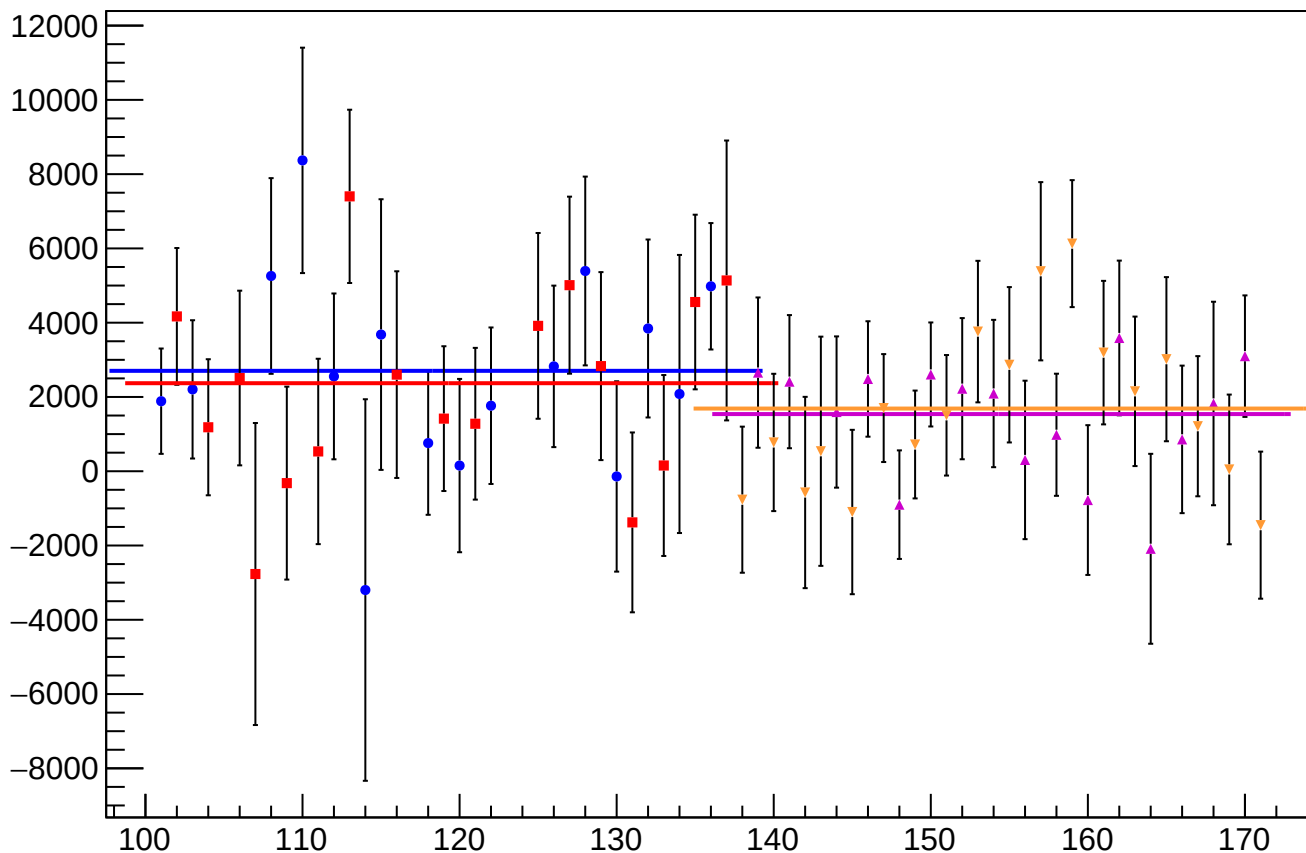
Right: 1216.159+/-0.239 χ^2/NDF : 1021509.6/32

In: 1293.146+/-0.214 χ^2/NDF : 1820963.9/31

Out: 1341.887+/-0.214 χ^2/NDF : 1300071.5/34

All: 1317.518+/-0.151 χ^2/NDF : 3146959.5/66

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1539.216 $\pm$ 461.348 χ^2 /NDF:10.3/15

Left: 1614.867 $\pm$ 323.460 χ^2 /NDF: 30.0/33

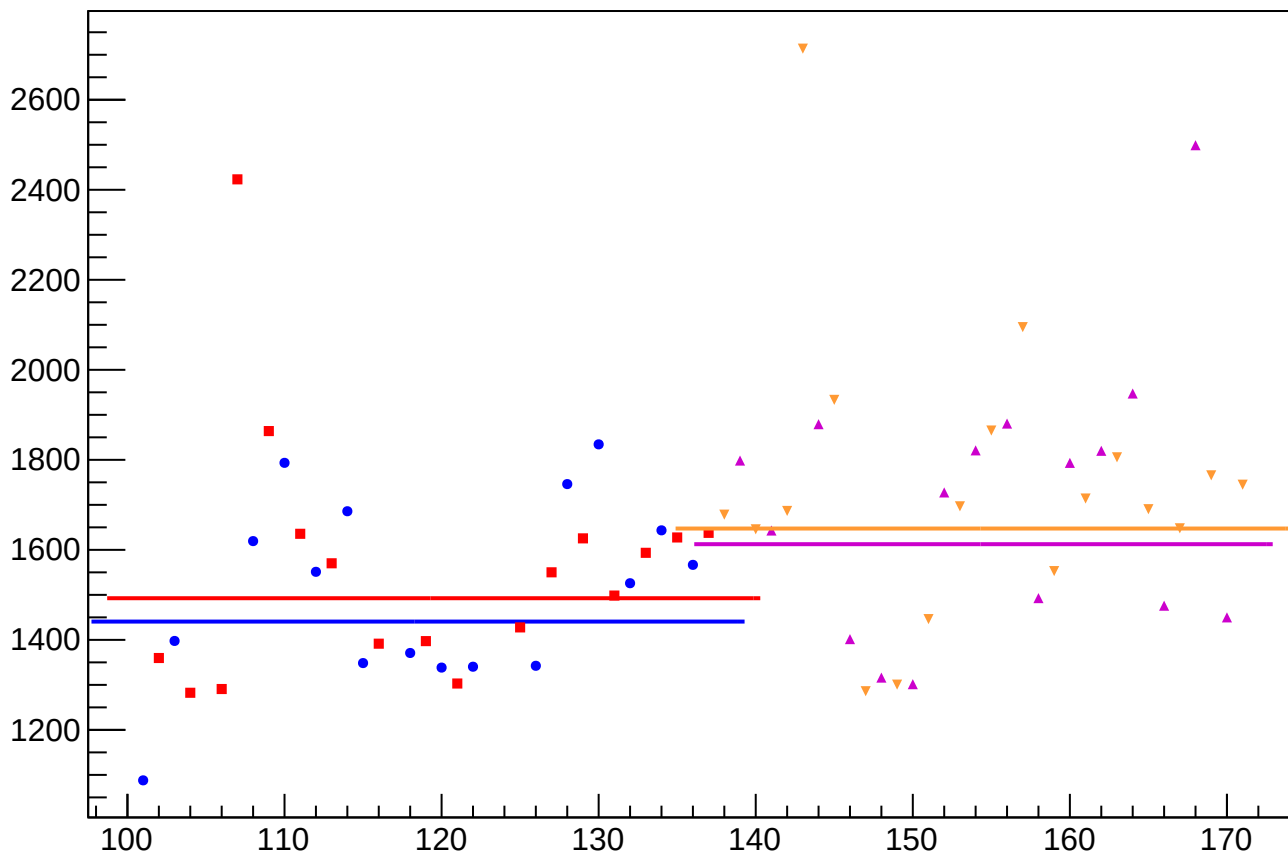
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2005.527 $\pm$ 357.225 χ^2 /NDF:25.9/31

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

All: 1978.019 $\pm$ 252.084 χ^2 /NDF: 62.4/66

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1647.375+/-0.321 χ^2/NDF : 667542.6/17

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

Left In: 1612.594+/-0.326 χ^2/NDF : 649758.9/15

Left: 1630.278+/-0.229 χ^2/NDF : 1323080.8/33

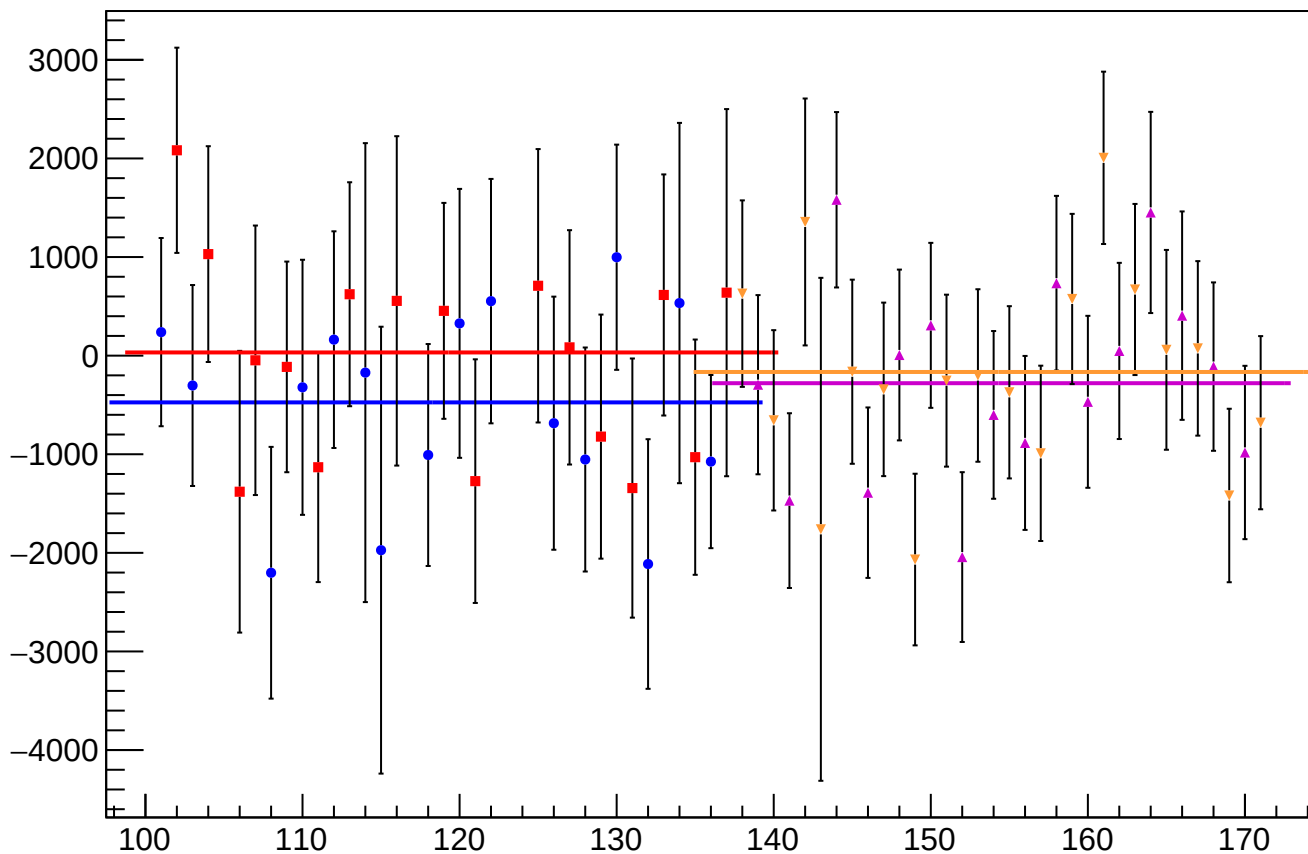
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1543.741+/-0.253 χ^2/NDF : 1043267.1/31

Out: 1587.778+/-0.252 χ^2/NDF : 1008739.3/34

All: 1565.848+/-0.178 χ^2/NDF : 2067264.7/60

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -474.136 $\pm$ 303.914 χ^2/NDF : 8.9/15

Left Out: -165.595 $\pm$ 218.837 χ^2/NDF :18.9/17

Right Out: 32.454 $\pm$ 299.611 χ^2/NDF : 11.3/16

Left In: -279.403 $\pm$ 222.340 χ^2/NDF :18.7/15

Left: -221.595 $\pm$ 155.965 χ^2/NDF : 37.8/33

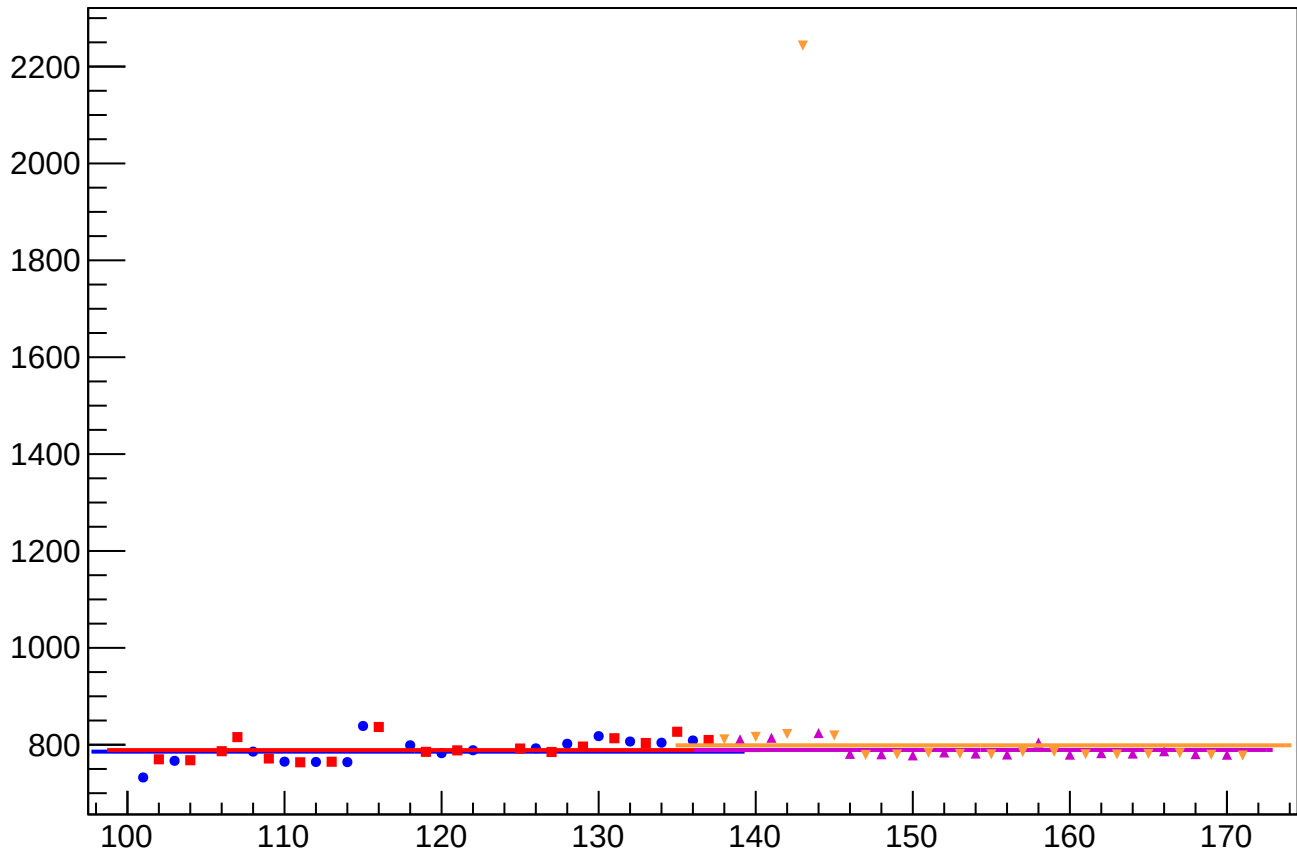
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -347.292 $\pm$ 179.445 χ^2/NDF :27.9/31

Out: -96.695 $\pm$ 176.718 χ^2/NDF :30.5/34

All: -220.075 $\pm$ 125.912 χ^2/NDF : 59.3/66

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 798.843+/-0.155 χ^2/NDF : 654856.1/17

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

Left In: 789.222+/-0.157 χ^2/NDF : 8580.8/15

Left: 794.109+/-0.110 χ^2/NDF : 665339.0/33

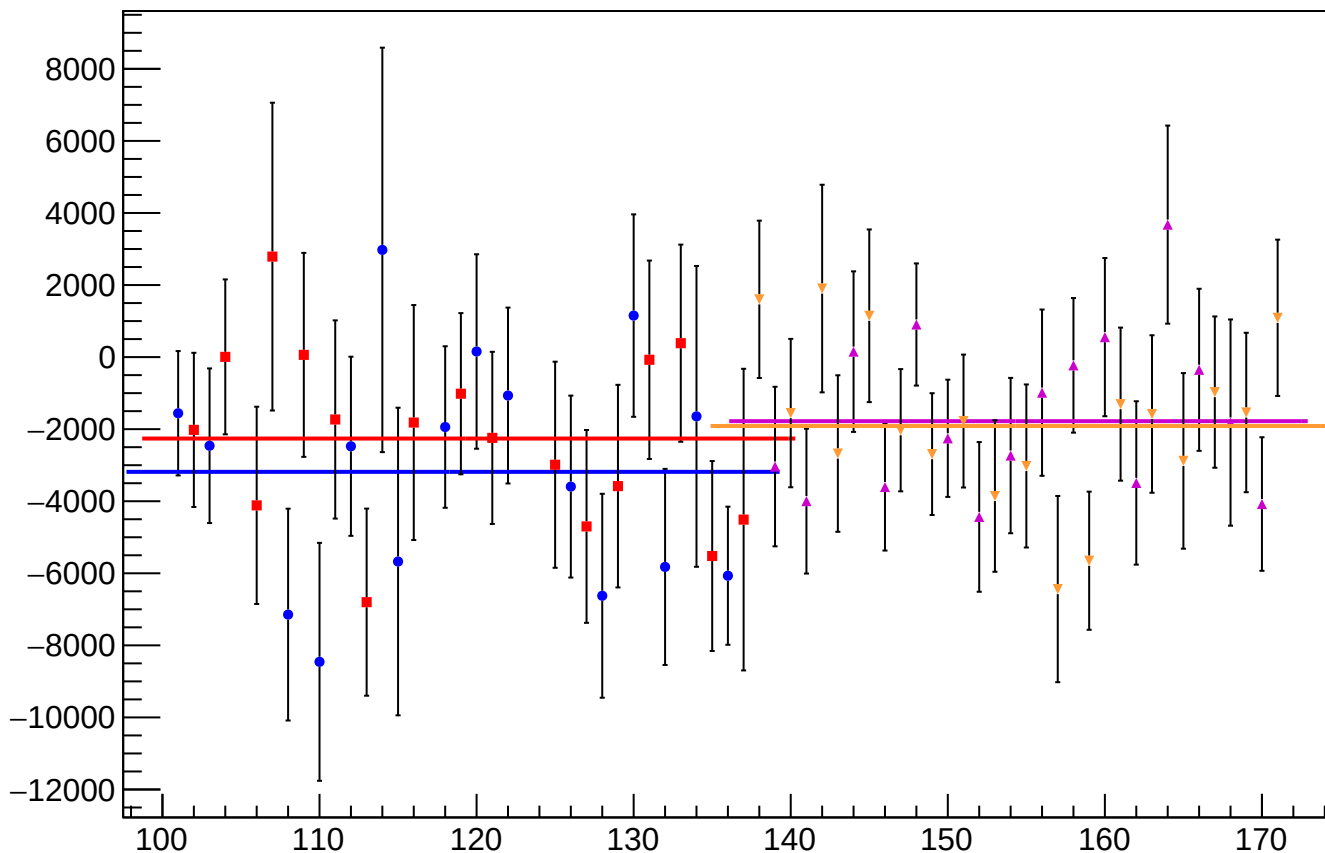
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 788.010+/-0.127 χ^2/NDF : 22672.7/31

Out: 795.398+/-0.125 χ^2/NDF : 665805.9/34

All: 791.760+/-0.089 χ^2/NDF : 690199.5/66

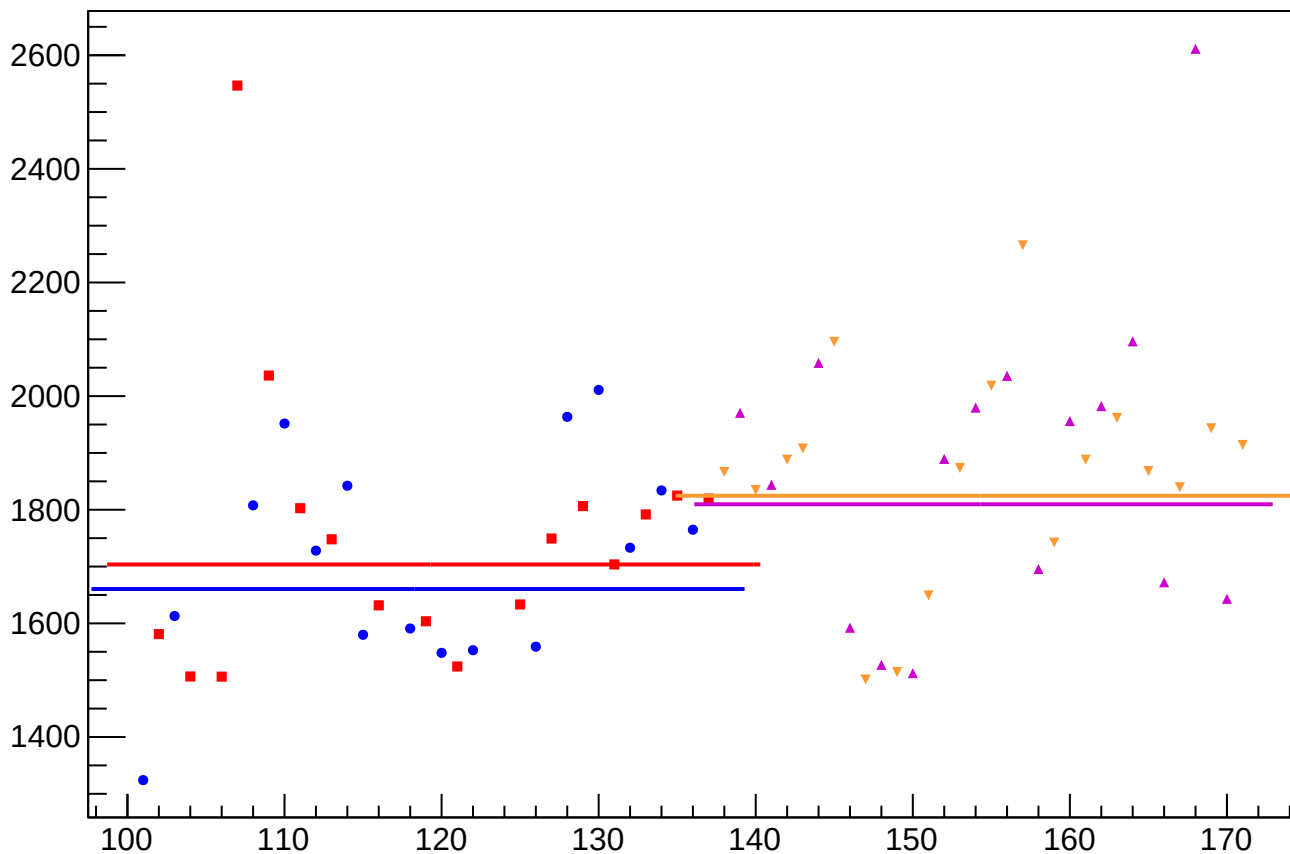
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -1912.885 $\pm$ 498.106 χ^2/NDF : 16.7/17
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -1777.871 $\pm$ 515.233 χ^2/NDF : 16.2/15

Left: -1847.659 $\pm$ 358.116 χ^2/NDF : 32.9/33
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2323.370 $\pm$ 403.135 χ^2/NDF : 35.9/31
 Out: -2040.912 $\pm$ 395.806 χ^2/NDF : 28.5/34
 All: -2179.550 $\pm$ 282.433 χ^2/NDF : 64.6/66

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1809.677 $\pm$ 0.364 χ^2 /NDF: 453659.6/15

Left: 1817.418 $\pm$ 0.253 χ^2 /NDF: 740187.8/33

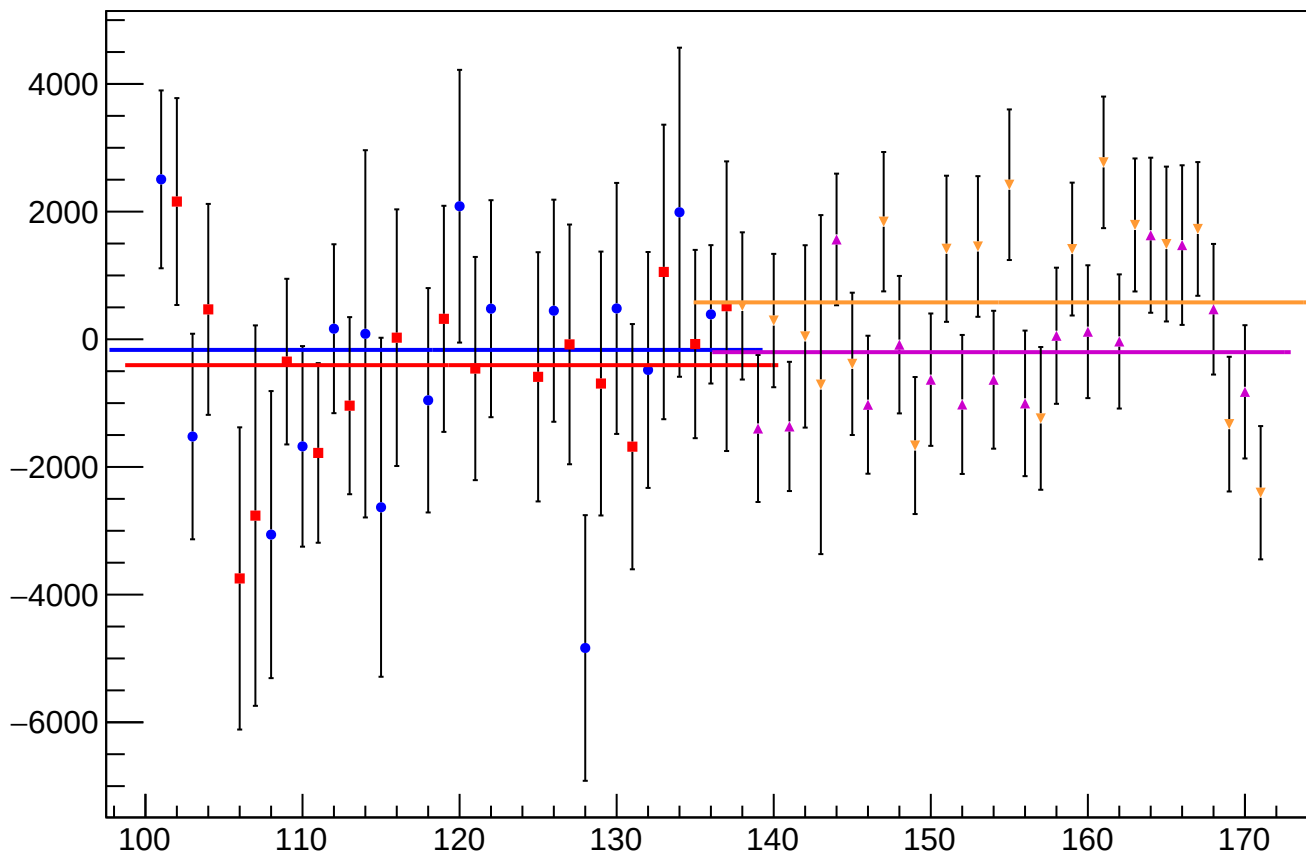
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1751.811 $\pm$ 0.285 χ^2 /NDF: 697917.2/31

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

All: 1766.198 $\pm$ 0.200 χ^2 /NDF: 1203080.5/66

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 $\chi^2/\text{NDF}: 15.6/15$

Left Out: 578.132 ± 266.209 $\chi^2/\text{NDF}: 32.9/17$

Right Out: -405.286 ± 428.618 $\chi^2/\text{NDF}: 7.9/16$

Left In: -201.648 ± 270.290 $\chi^2/\text{NDF}: 12.4/15$

Left: 194.173 ± 189.665 $\chi^2/\text{NDF}: 49.5/33$

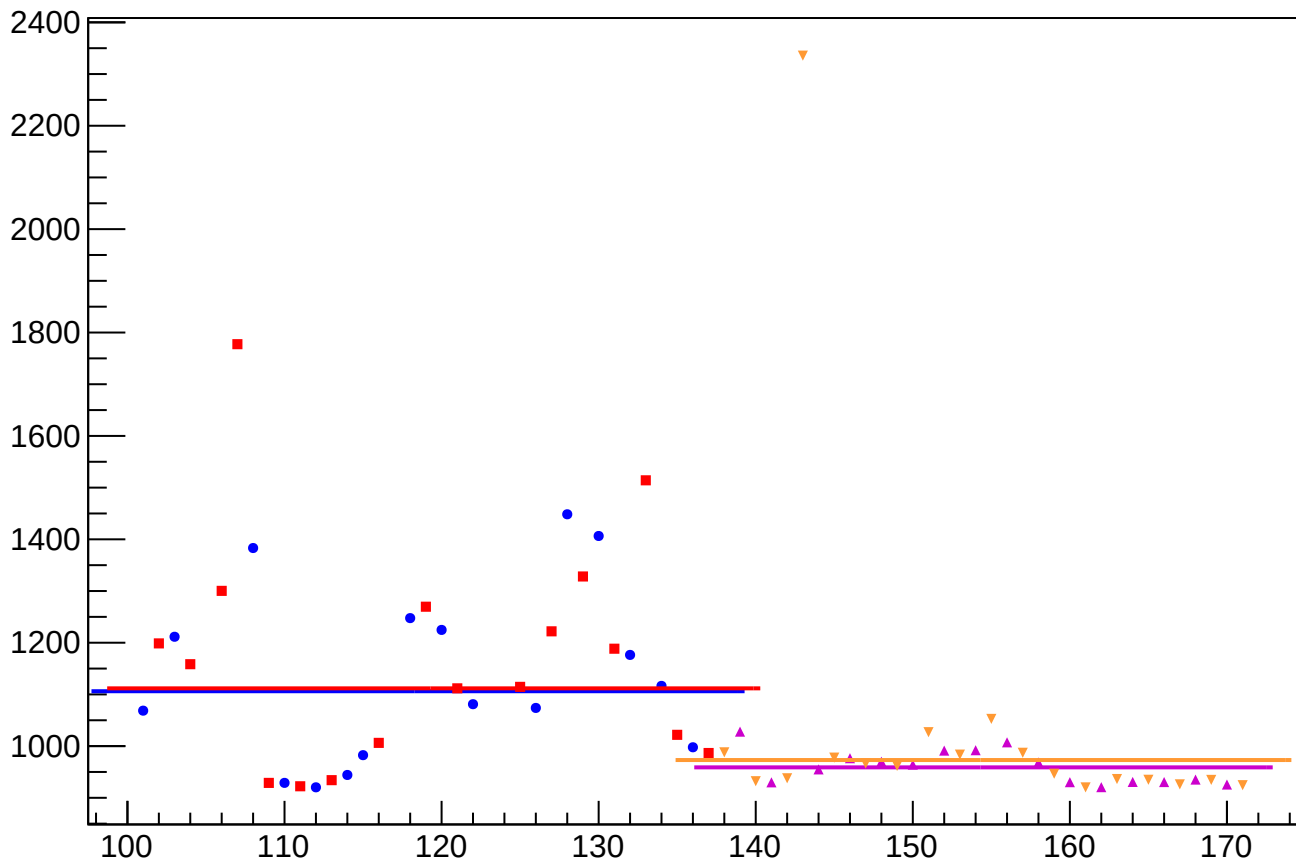
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -191.743 ± 229.238 $\chi^2/\text{NDF}: 28.0/31$

Out: 304.379 ± 226.142 $\chi^2/\text{NDF}: 44.6/34$

All: 59.691 ± 160.990 $\chi^2/\text{NDF}: 74.9/66$

asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 958.883+/-0.191 $\chi^2/\text{NDF}: 26468.9/15$

Left: 966.080+/-0.134 $\chi^2/\text{NDF}: 596908.5/33$

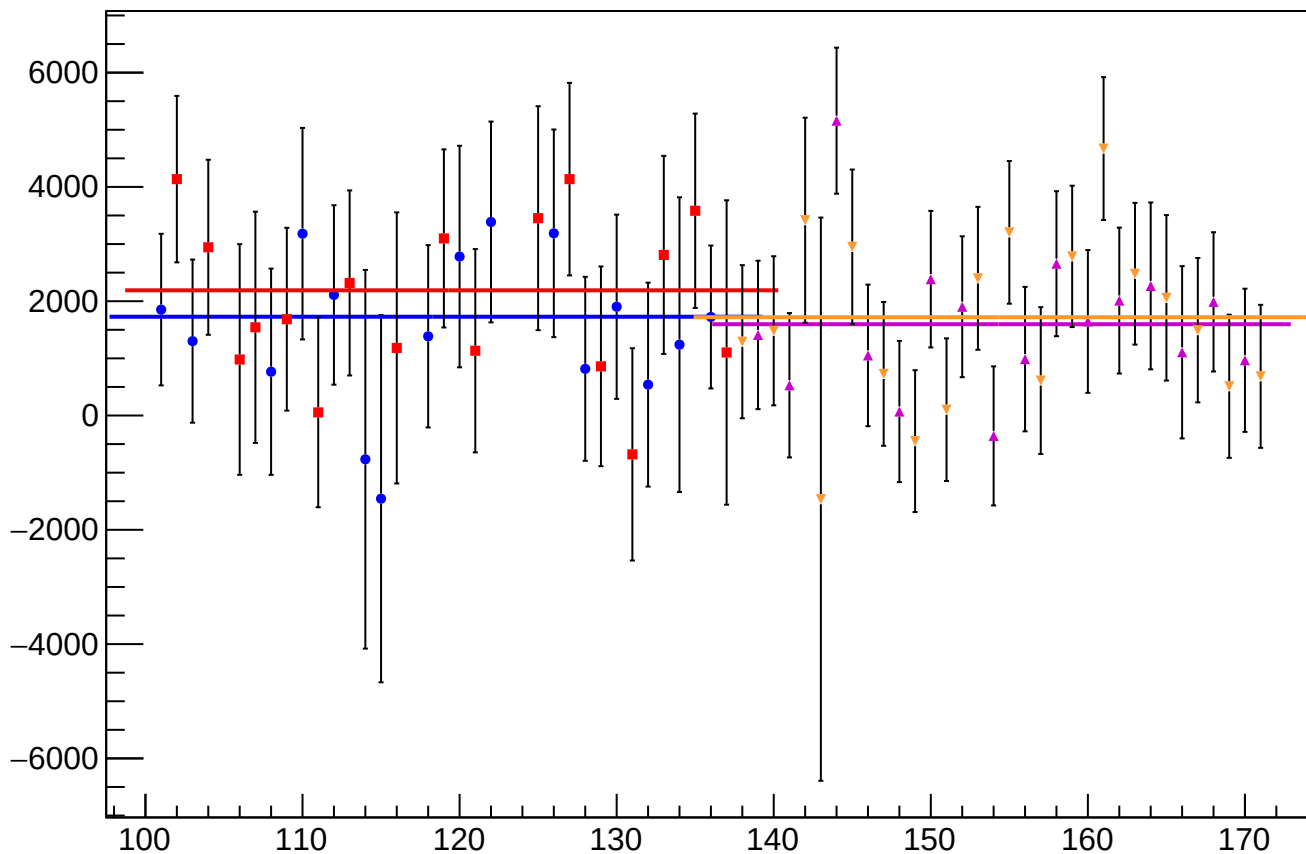
Right: 1108.969+/-0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 1000.223+/-0.162 $\chi^2/\text{NDF}: 453062.8/31$

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

All: 1006.020+/-0.114 $\chi^2/\text{NDF}: 1530676.6/60$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1597.457 $\pm$ 317.904 χ^2 /NDF:15.0/15

Left: 1659.651 $\pm$ 223.198 χ^2 /NDF: 33.6/33

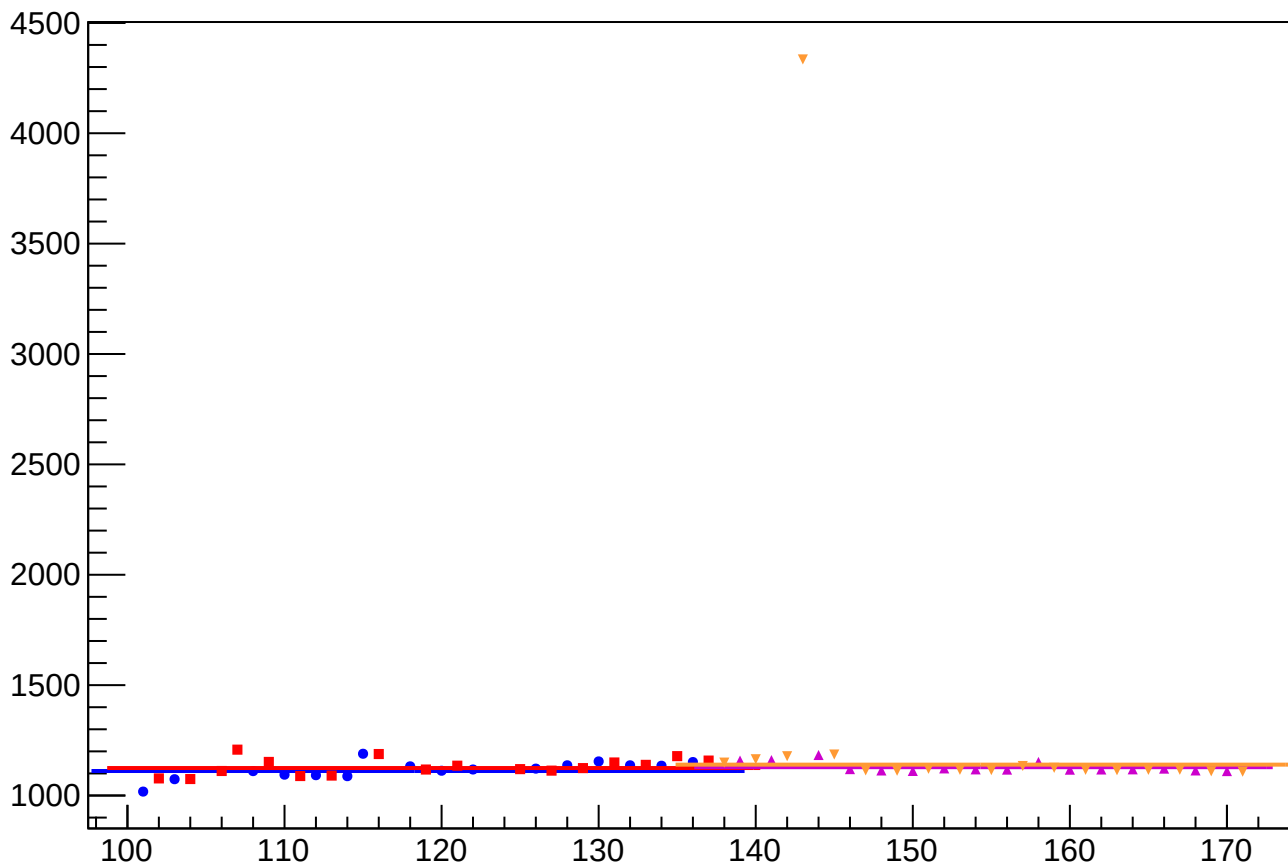
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1643.784 $\pm$ 255.588 χ^2 /NDF:20.4/31

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

All: 1765.690 $\pm$ 179.705 χ^2 /NDF: 50.9/66

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1139.847+/-0.222 χ^2/NDF : 853856.7/17

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

Left In: 1128.374+/-0.225 χ^2/NDF : 9030.8/15

Left: 1134.191+/-0.158 χ^2/NDF : 864208.2/33

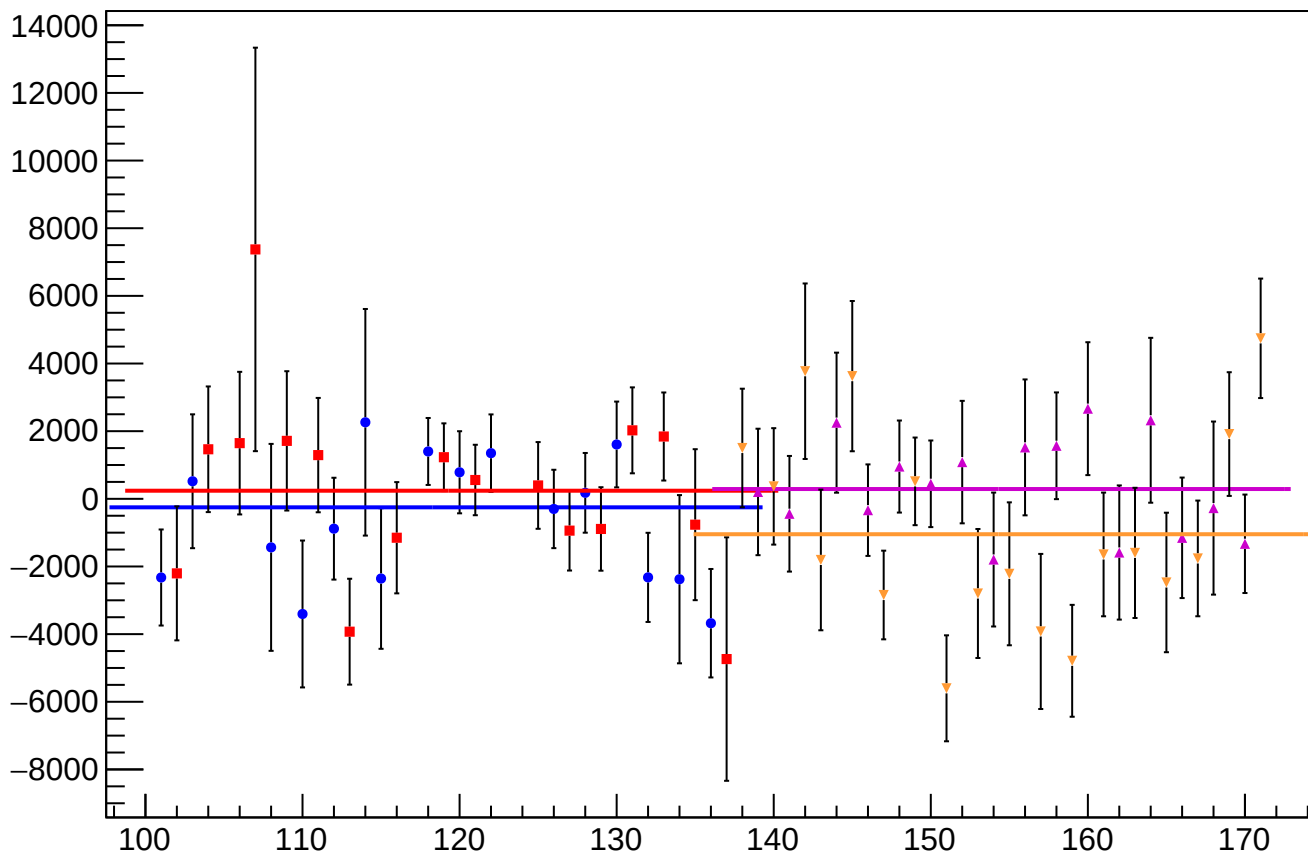
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1122.245+/-0.181 χ^2/NDF : 29224.1/31

Out: 1134.481+/-0.179 χ^2/NDF : 870131.9/34

All: 1128.432+/-0.127 χ^2/NDF : 901673.8/66

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 289.740 $\pm$ 430.714 χ^2/NDF : 8.9/15

Left: -394.204 $\pm$ 300.928 χ^2/NDF : 58.5/33

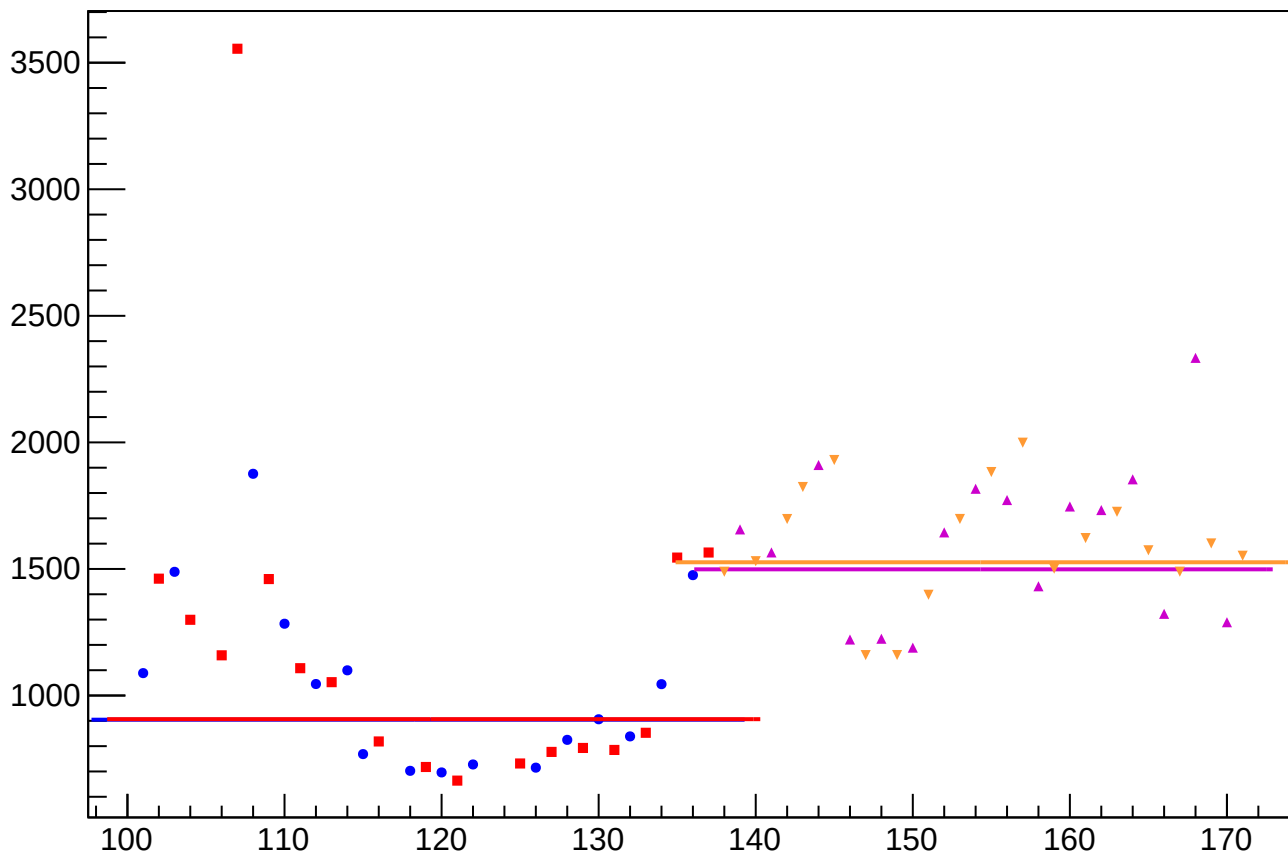
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -25.210 $\pm$ 278.439 χ^2/NDF : 31.6/31

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

All: -169.629 $\pm$ 195.722 χ^2/NDF : 103.2/66

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1498.506+/-0.305 χ^2/NDF : 860396.7/15

Left: 1512.790+/-0.213 χ^2/NDF : 1502614.9/33

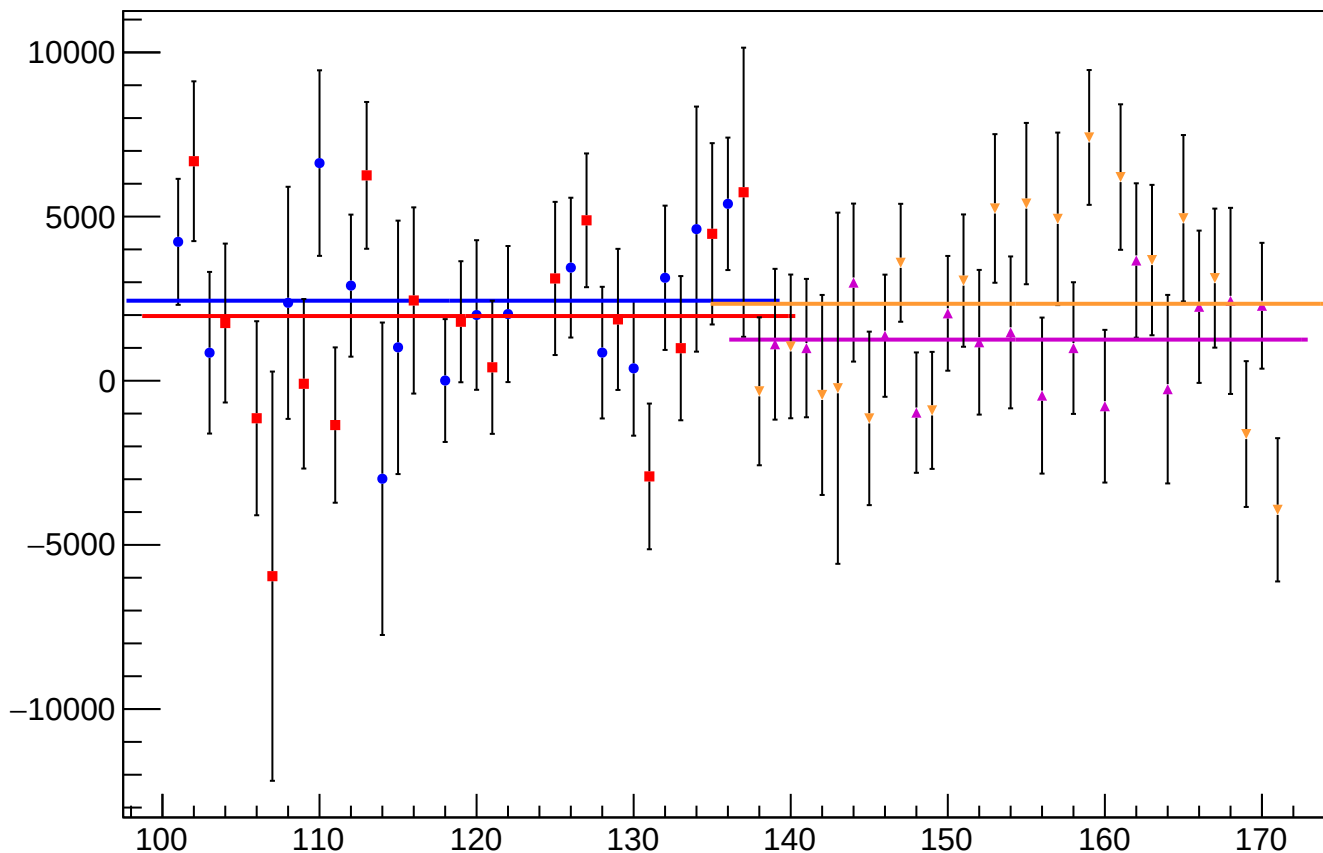
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1152.733+/-0.197 χ^2/NDF : 4095814.1/31

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

All: 1162.418+/-0.138 χ^2/NDF : 8598742.4/66

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510 $\pm$ 586.231 χ^2 /NDF: 11.2/15

Left Out: 2343.582 $\pm$ 535.146 χ^2 /NDF:34.8/17

Right Out: 1970.445 $\pm$ 586.663 χ^2 /NDF: 22.3/16

Left In: 1252.359 $\pm$ 543.122 χ^2 /NDF:5.5/15

Left: 1806.041 $\pm$ 381.194 χ^2 /NDF: 42.3/33

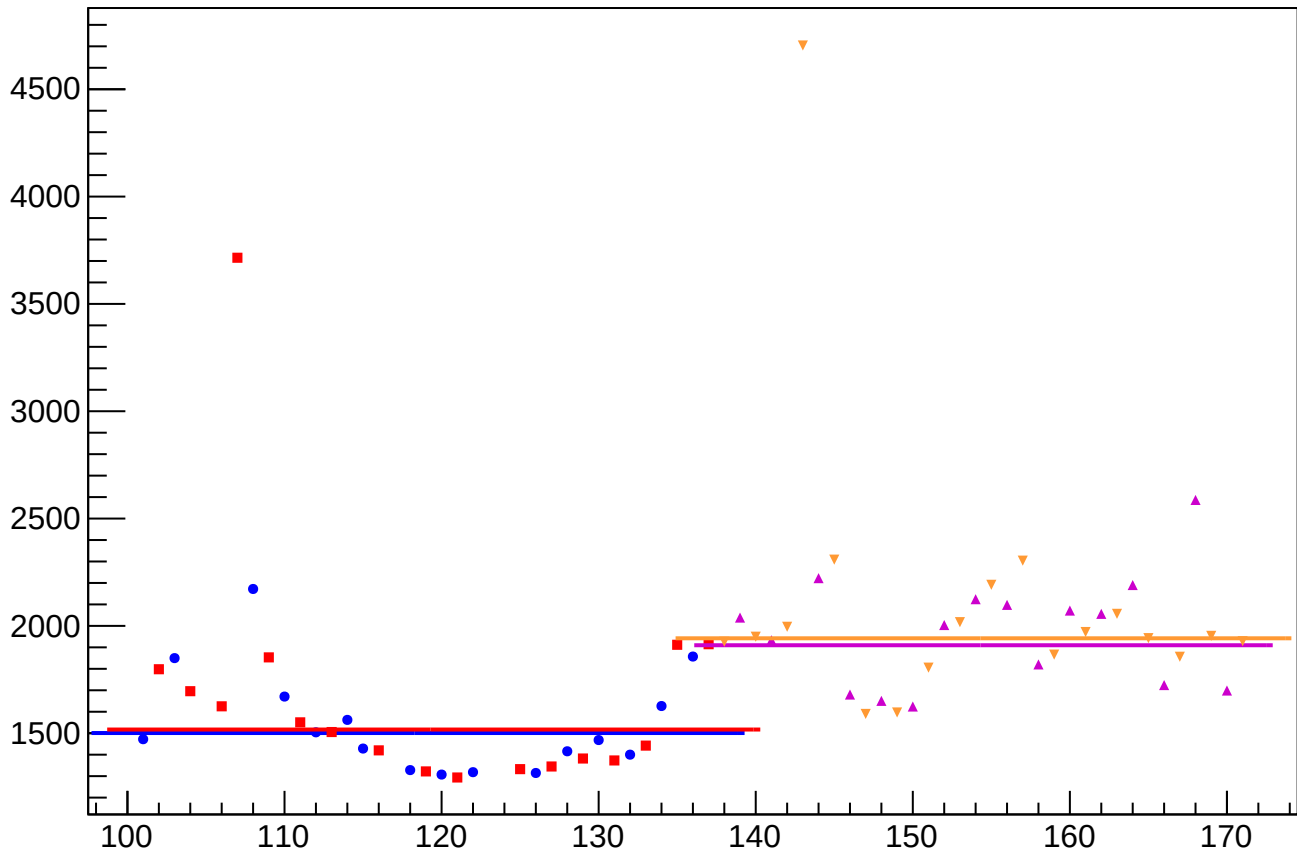
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1799.761 $\pm$ 398.415 χ^2 /NDF:18.9/31

Out: 2174.113 $\pm$ 395.367 χ^2 /NDF:57.3/34

All: 1988.374 $\pm$ 280.638 χ^2 /NDF: 76.6/66

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1942.172 ± 0.378 $\chi^2/\text{NDF}: 806071.9/17$

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

Left In: 1909.834 ± 0.384 $\chi^2/\text{NDF}: 389045.3/15$

Left: 1926.242 ± 0.270 $\chi^2/\text{NDF}: 1198714.6/33$

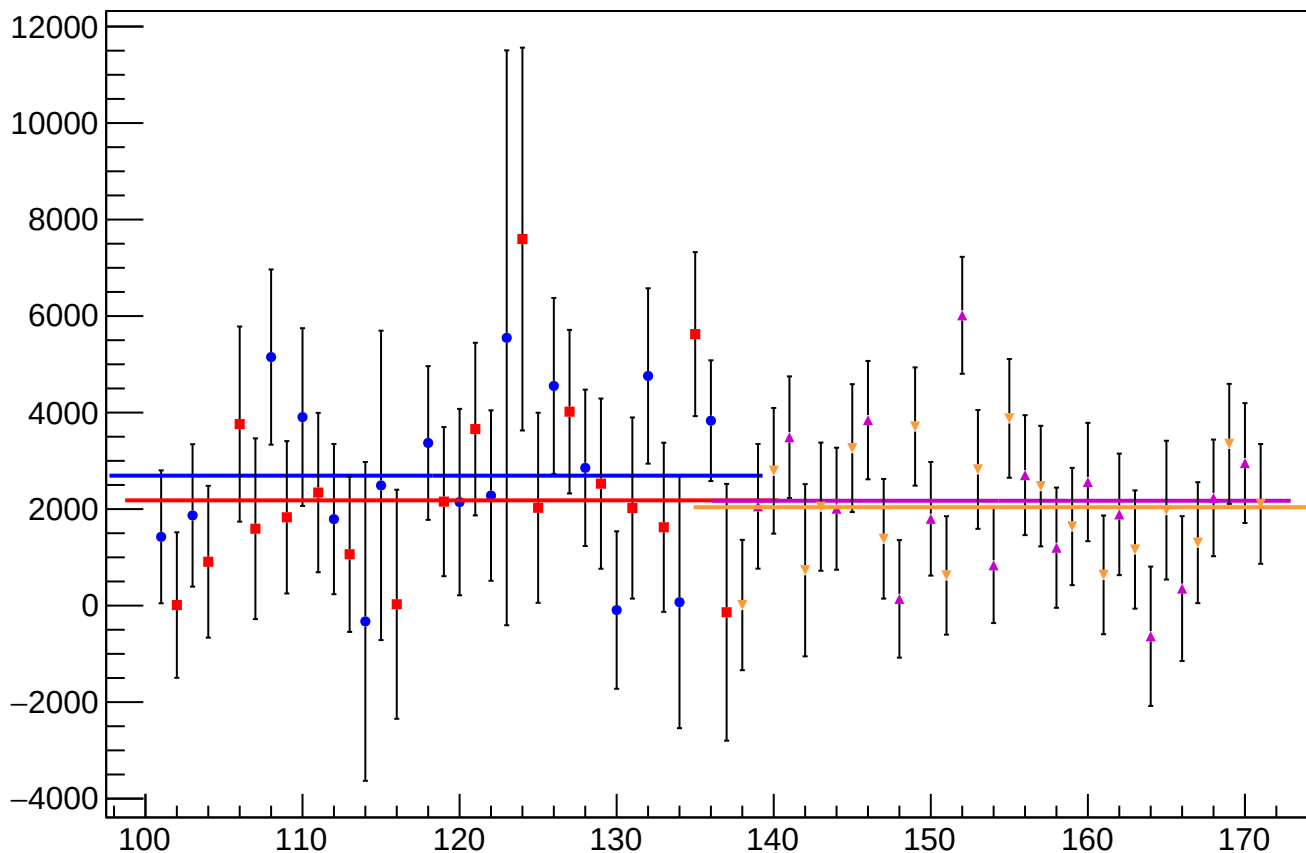
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1720.922 ± 0.282 $\chi^2/\text{NDF}: 1169145.5/31$

Out: 1749.125 ± 0.280 $\chi^2/\text{NDF}: 1854166.7/34$

All: 1735.131 ± 0.198 $\chi^2/\text{NDF}: 3028361.6/60$

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2172.929 $\pm$ 314.068 χ^2 /NDF:23.8/15

Left: 2103.750 $\pm$ 217.754 χ^2 /NDF: 37.4/33

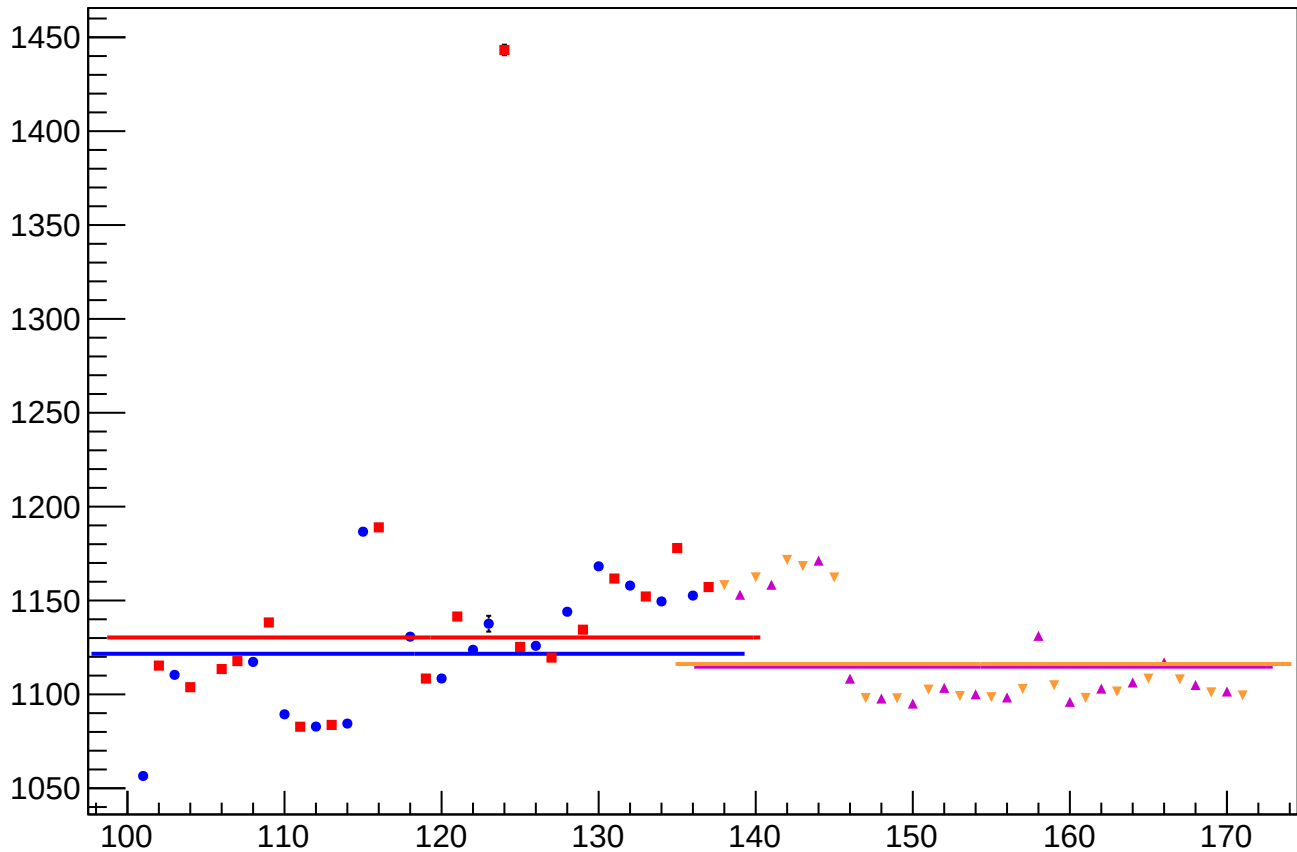
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2352.424 $\pm$ 254.155 χ^2 /NDF:36.9/32

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

All: 2215.620 $\pm$ 176.894 χ^2 /NDF: 64.7/68

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1114.748 $\pm$ 0.222 χ^2/NDF : 11388.9/15

Left: 1115.486 $\pm$ 0.154 χ^2/NDF : 27133.9/33

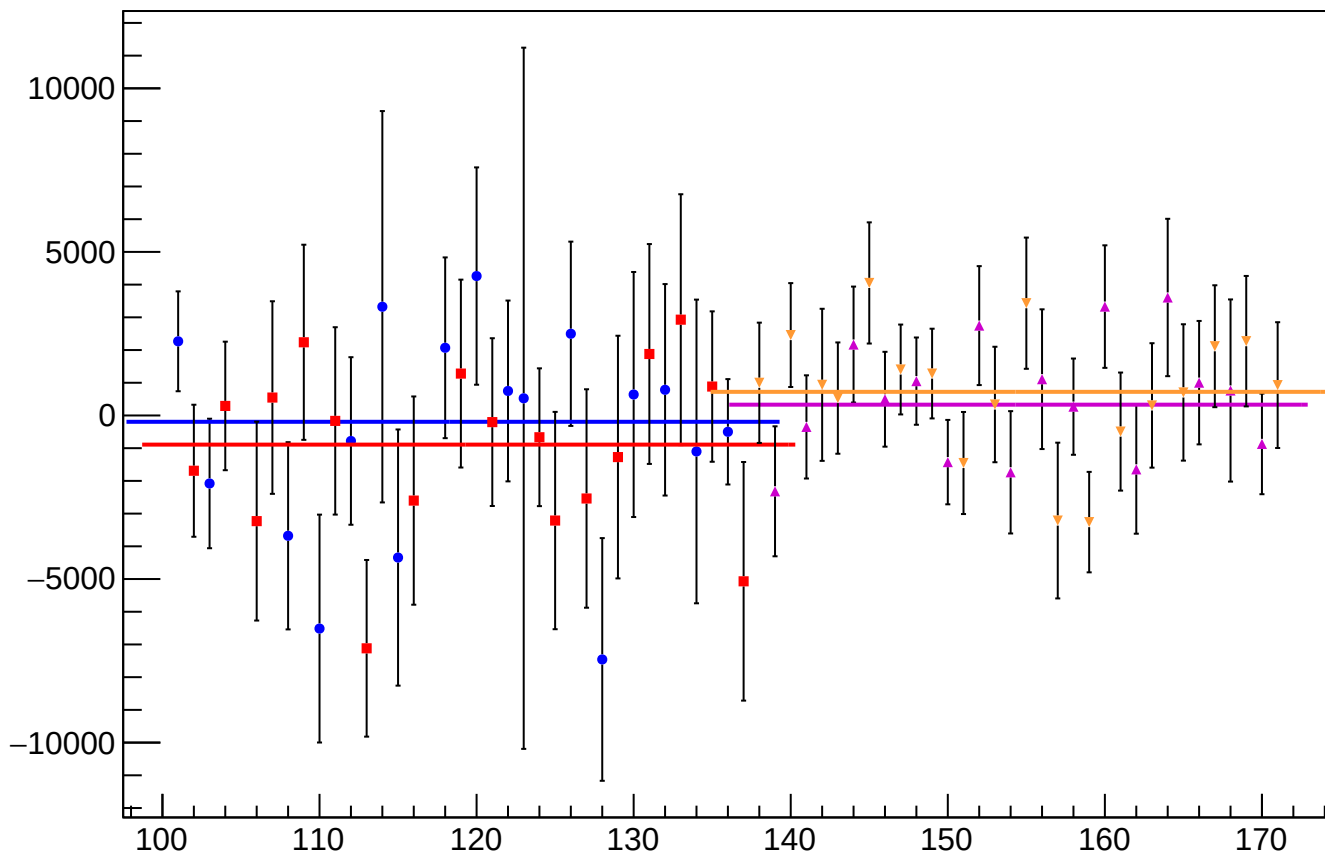
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1117.122 $\pm$ 0.180 χ^2/NDF : 23700.3/32

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

All: 1119.076 $\pm$ 0.125 χ^2/NDF : 62399.3/68

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 $\pm$ 660.359 χ^2/NDF : 17.4/16

Left Out: 722.491 $\pm$ 415.902 χ^2/NDF : 19.8/17

Right Out: -891.057 $\pm$ 649.405 χ^2/NDF : 13.1/17

Left In: 329.921 $\pm$ 429.085 χ^2/NDF : 14.5/15

Left: 532.329 $\pm$ 298.639 χ^2/NDF : 34.8/33

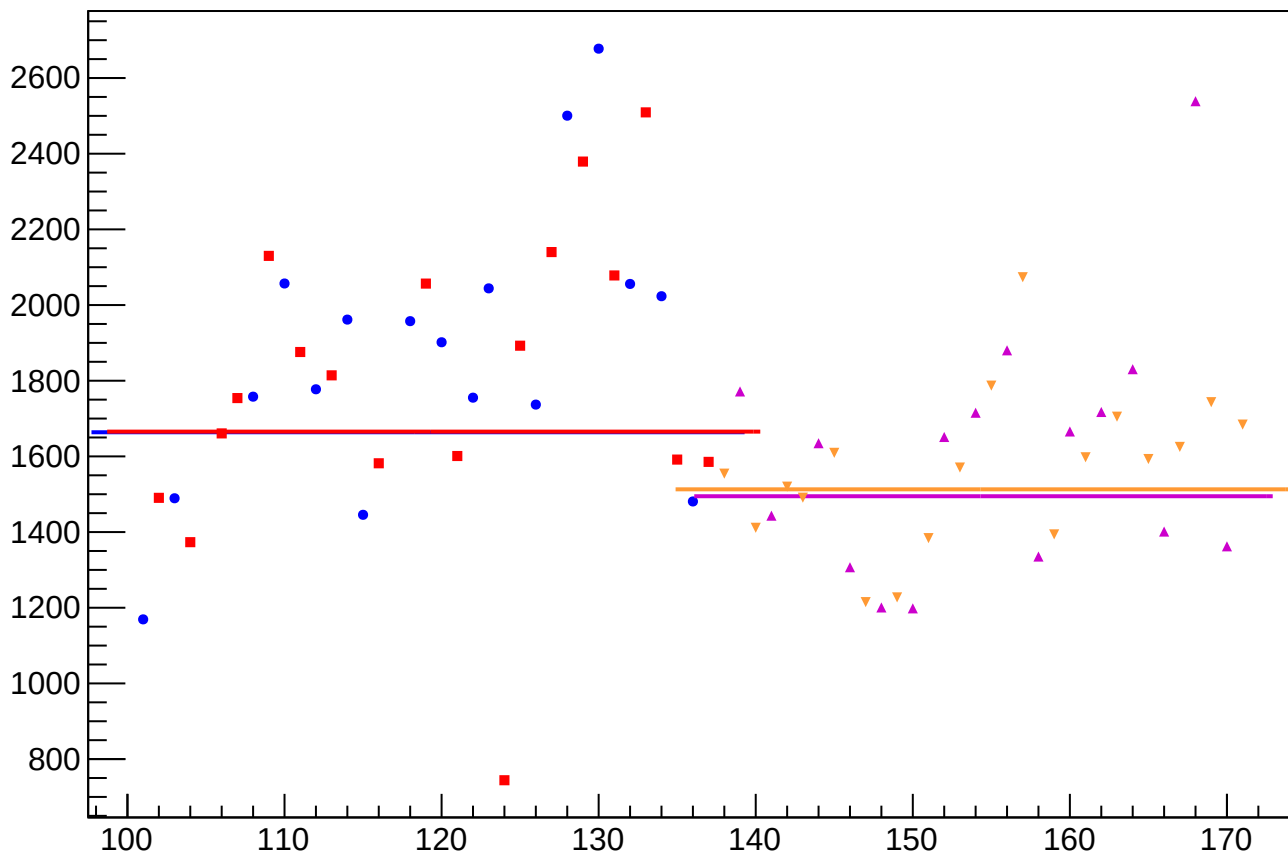
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

In: 174.584 $\pm$ 359.800 χ^2/NDF : 32.3/32

Out: 253.175 $\pm$ 350.233 χ^2/NDF : 37.3/35

All: 214.938 $\pm$ 250.966 χ^2/NDF : 69.6/68

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1494.705+/-0.303 χ^2/NDF : 803336.3/15

Left: 1504.116+/-0.211 χ^2/NDF : 1254712.4/33

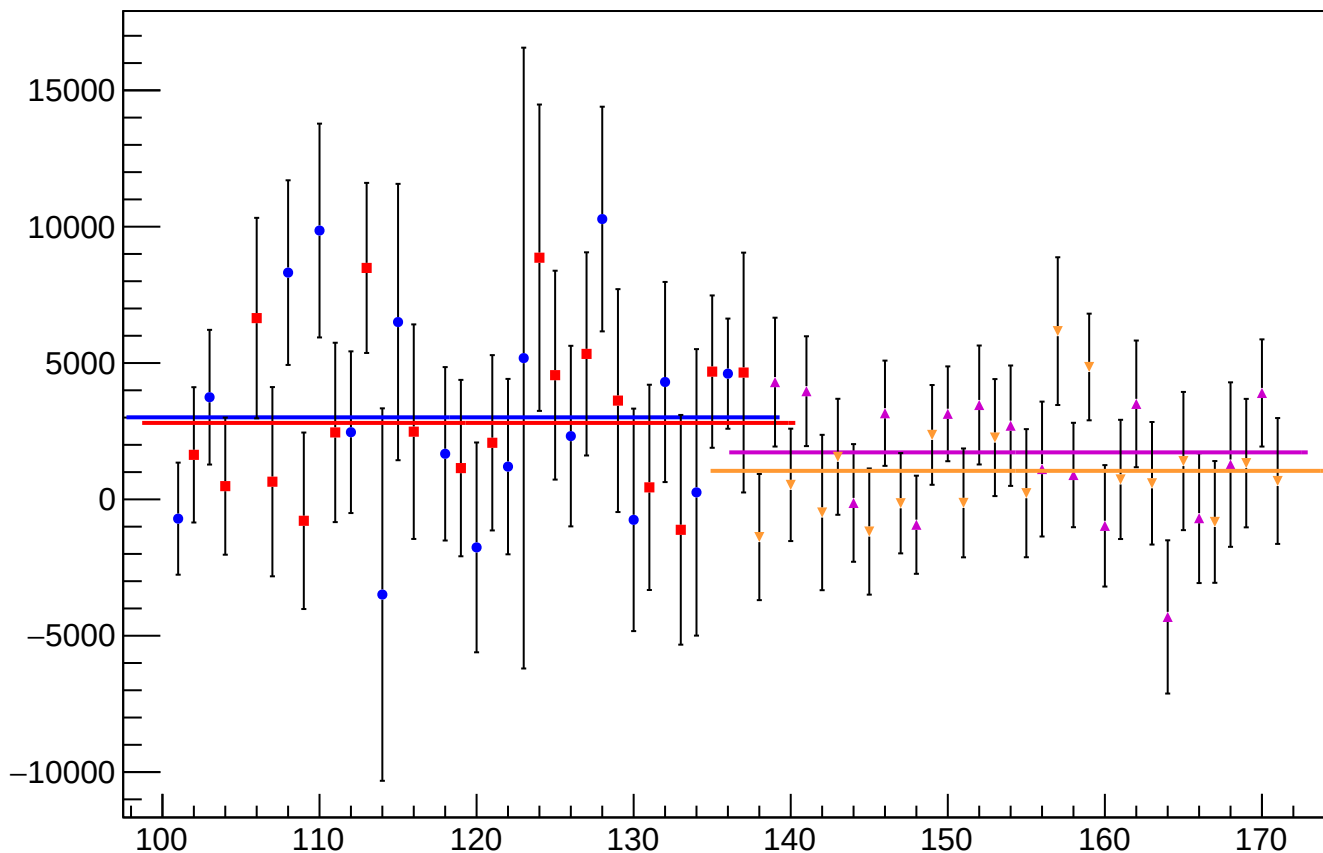
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1544.898+/-0.254 χ^2/NDF : 1517999.3/32

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

All: 1551.274+/-0.177 χ^2/NDF : 2849744.5/68

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 1723.848+/-537.646 χ^2/NDF :16.6/15

Left: 1372.327+/-373.033 χ^2/NDF : 29.8/33

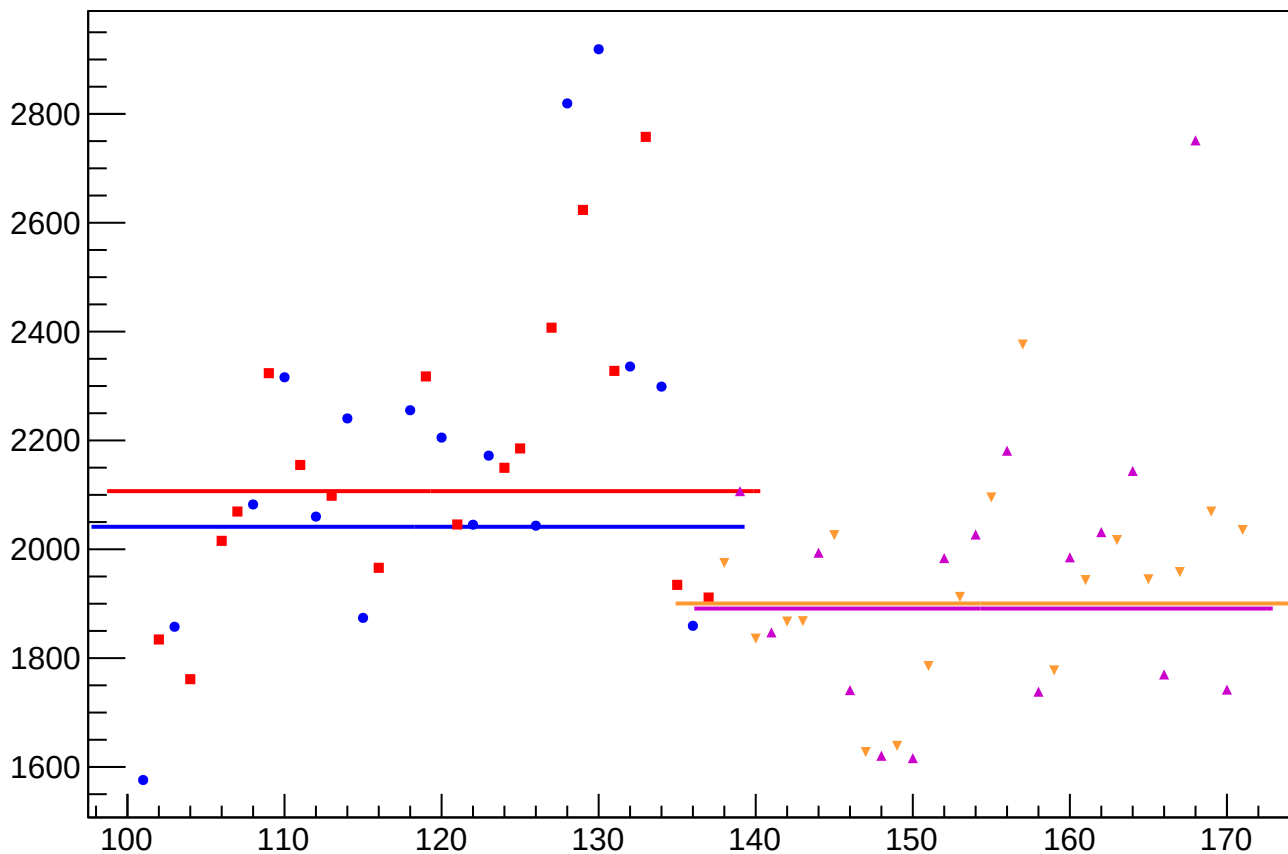
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2124.005+/-446.174 χ^2/NDF :35.7/32

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

All: 1837.614+/-311.373 χ^2/NDF : 63.5/68

asym_usr_rms vs Slug, Sign Corrected



Right In: 2041.348+/-0.565 χ^2/NDF : 338436.8/16

Left Out: 1900.426+/-0.366 χ^2/NDF : 210997.3/17

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1891.112+/-0.380 χ^2/NDF : 387326.0/15

Left: 1895.942+/-0.264 χ^2/NDF : 598634.6/33

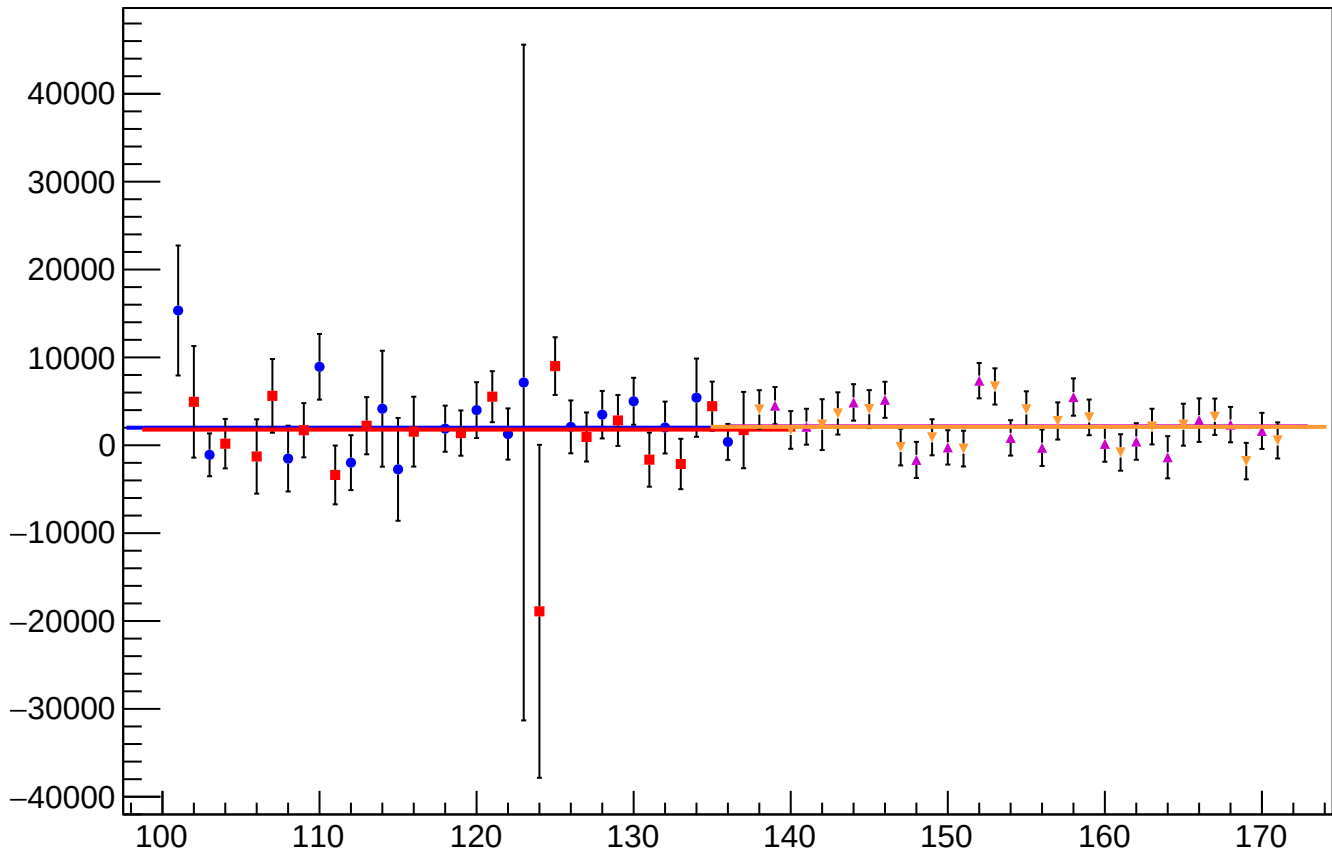
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1937.884+/-0.315 χ^2/NDF : 774381.2/32

Out: 1961.448+/-0.307 χ^2/NDF : 501604.0/35

All: 1949.971+/-0.220 χ^2/NDF : 1278846.7/68

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2162.010 $\pm$ 521.954 χ^2 /NDF: 25.0/15

Left: 2127.344 $\pm$ 362.681 χ^2 /NDF: 42.8/33

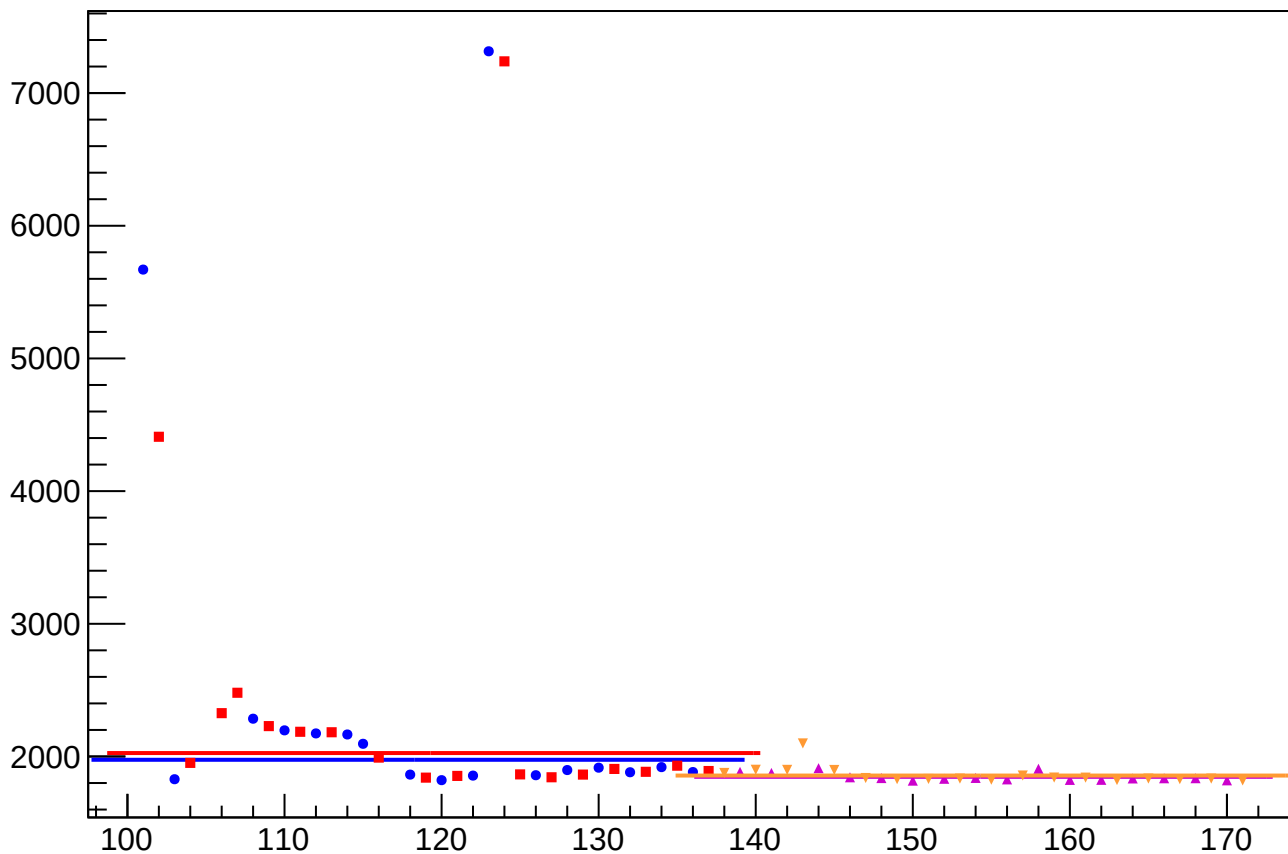
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2112.013 $\pm$ 434.066 χ^2 /NDF: 39.8/32

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

All: 2056.185 $\pm$ 303.236 χ^2 /NDF: 74.1/68

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1846.729+/-0.369 χ^2/NDF : 6365.7/15

Left: 1851.677+/-0.256 χ^2/NDF : 32933.4/33

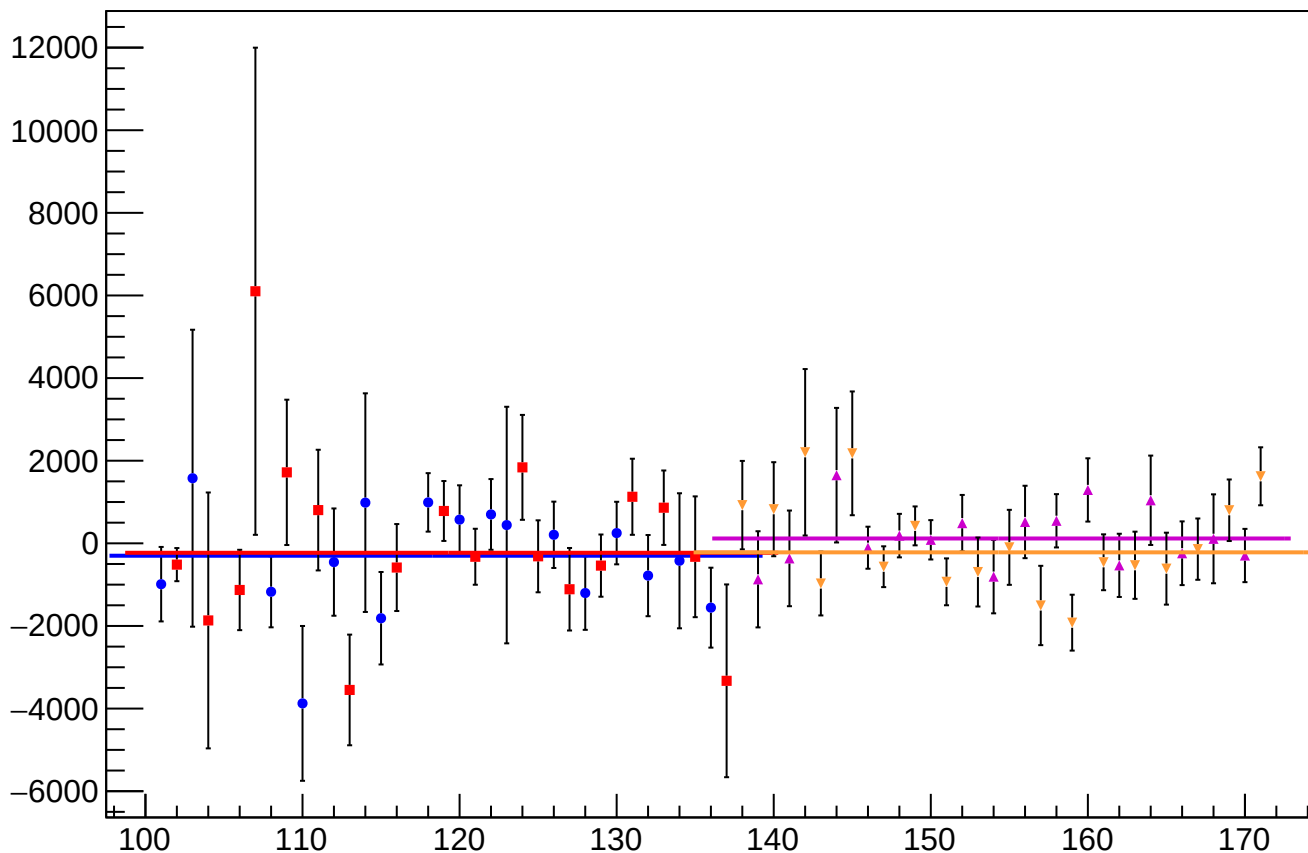
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1886.323+/-0.307 χ^2/NDF : 643513.2/32

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

All: 1896.459+/-0.214 χ^2/NDF : 1273689.1/68

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -218.219+/-175.920 χ^2/NDF : 28.6/17

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

Left In: 117.241+/-182.353 χ^2/NDF : 8.4/15

Left: -56.511+/-126.608 χ^2/NDF : 38.8/33

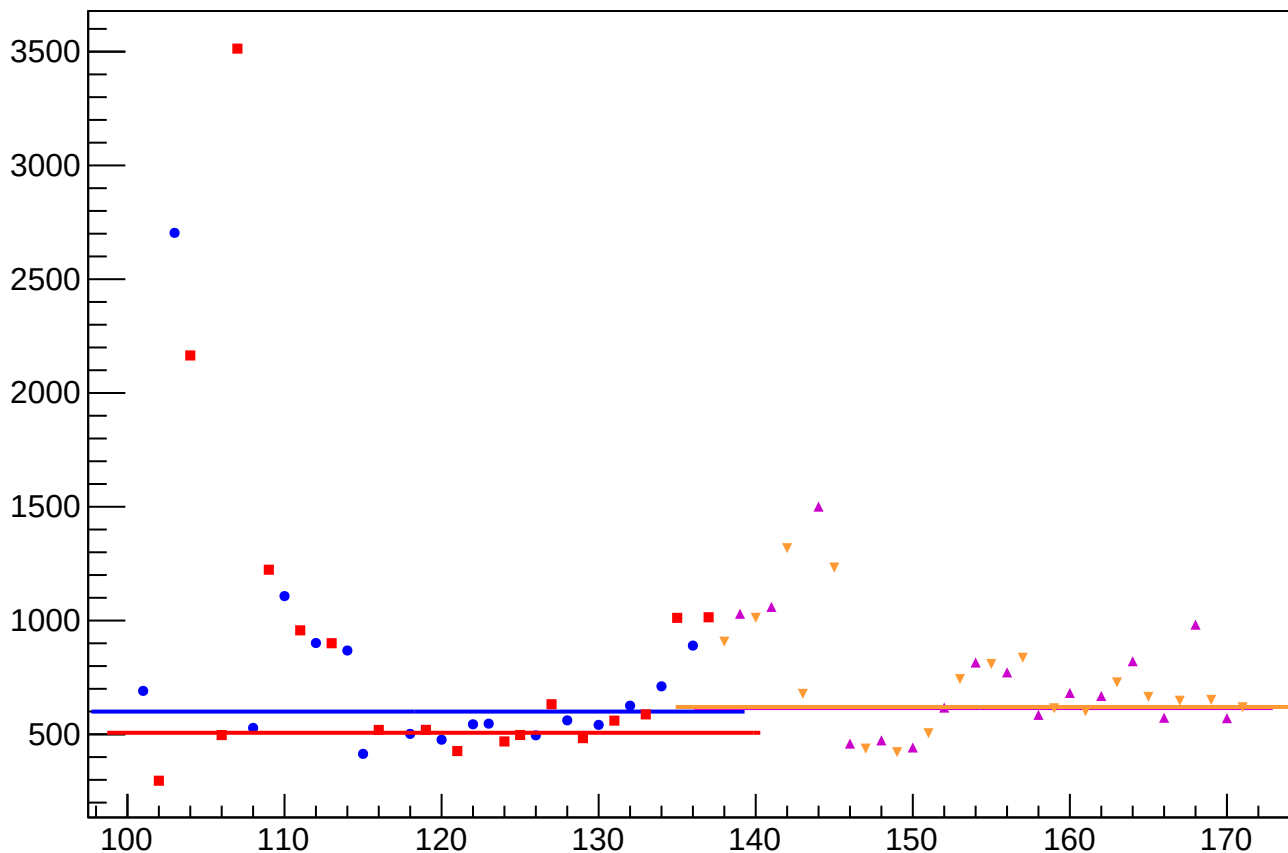
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -30.243+/-146.624 χ^2/NDF : 27.6/32

Out: -222.445+/-136.309 χ^2/NDF : 50.4/35

All: -133.342+/-99.833 χ^2/NDF : 78.9/68

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 615.452 $\pm$ 0.129 χ^2 /NDF:2251233.4/15

Left: 617.918 $\pm$ 0.090 χ^2 /NDF: 4210995.9/33

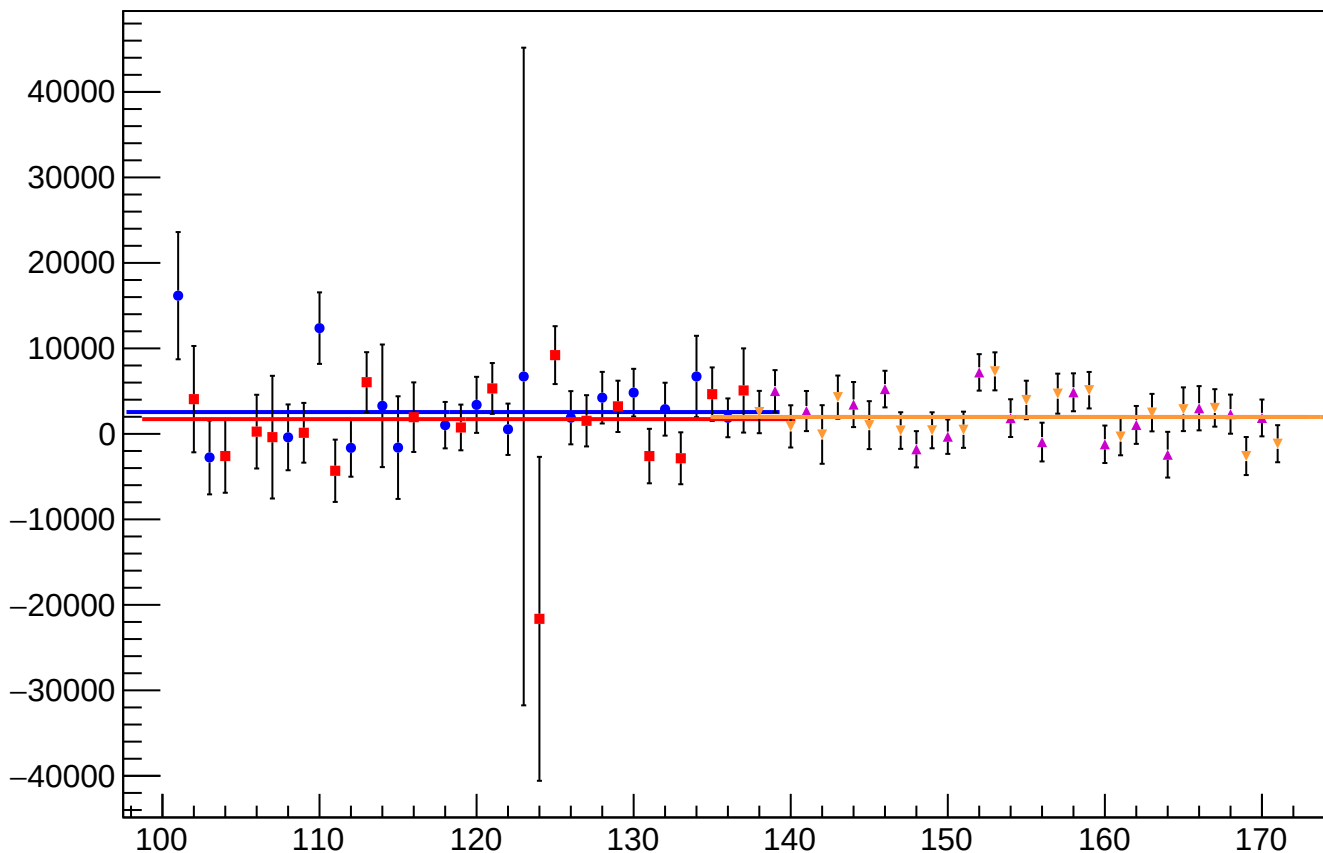
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 609.974 $\pm$ 0.104 χ^2 /NDF:3637390.0/32

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

All: 591.170 $\pm$ 0.071 χ^2 /NDF: 8750366.4/68

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1978.395 $\pm$ 567.073 χ^2 /NDF:23.3/15

Left: 1979.075 $\pm$ 393.248 χ^2 /NDF: 44.3/33

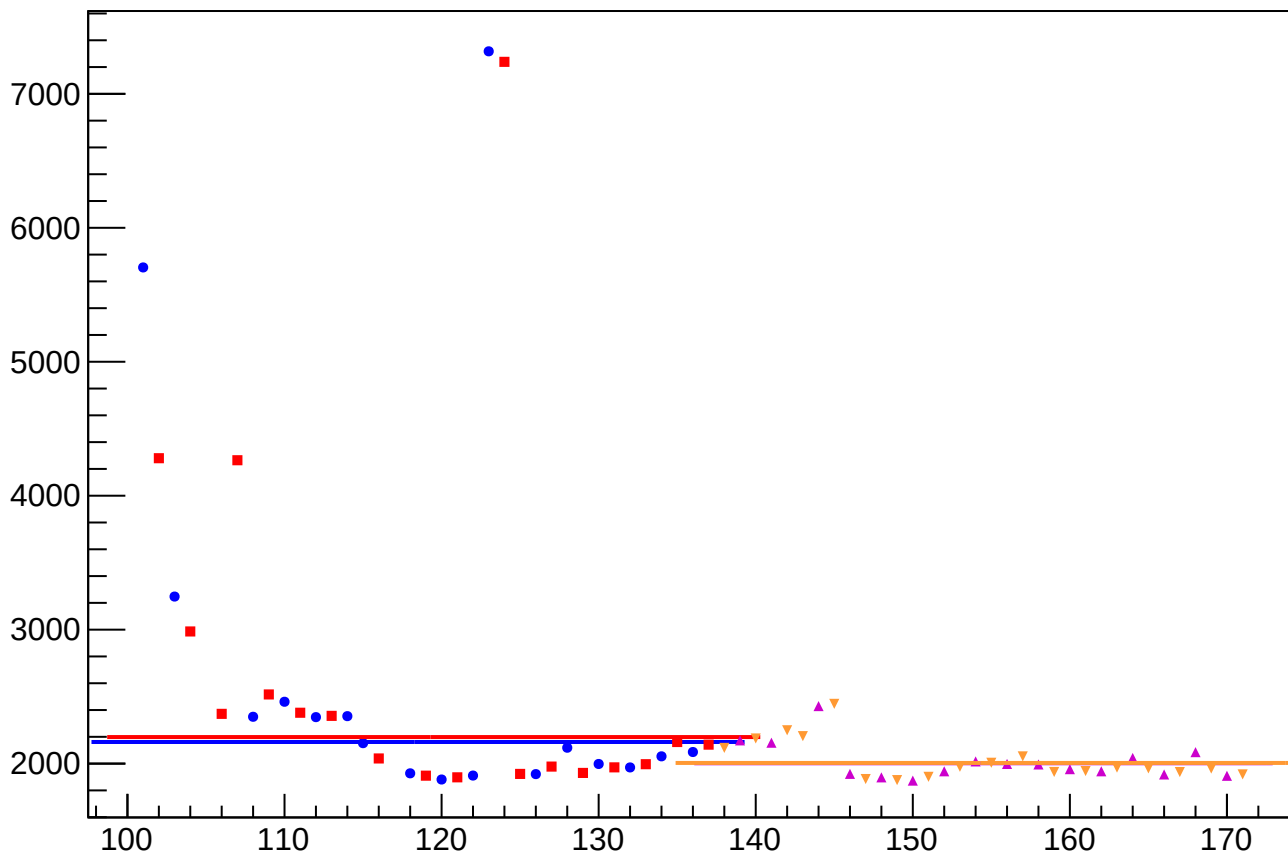
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2153.010 $\pm$ 473.235 χ^2 /NDF:39.3/32

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

All: 2026.324 $\pm$ 329.880 χ^2 /NDF: 80.1/68

asym_at1_avg_rms vs Slug, Sign Corrected



Left: 2003.788 ± 0.278 $\chi^2/\text{NDF}: 216723.4/33$

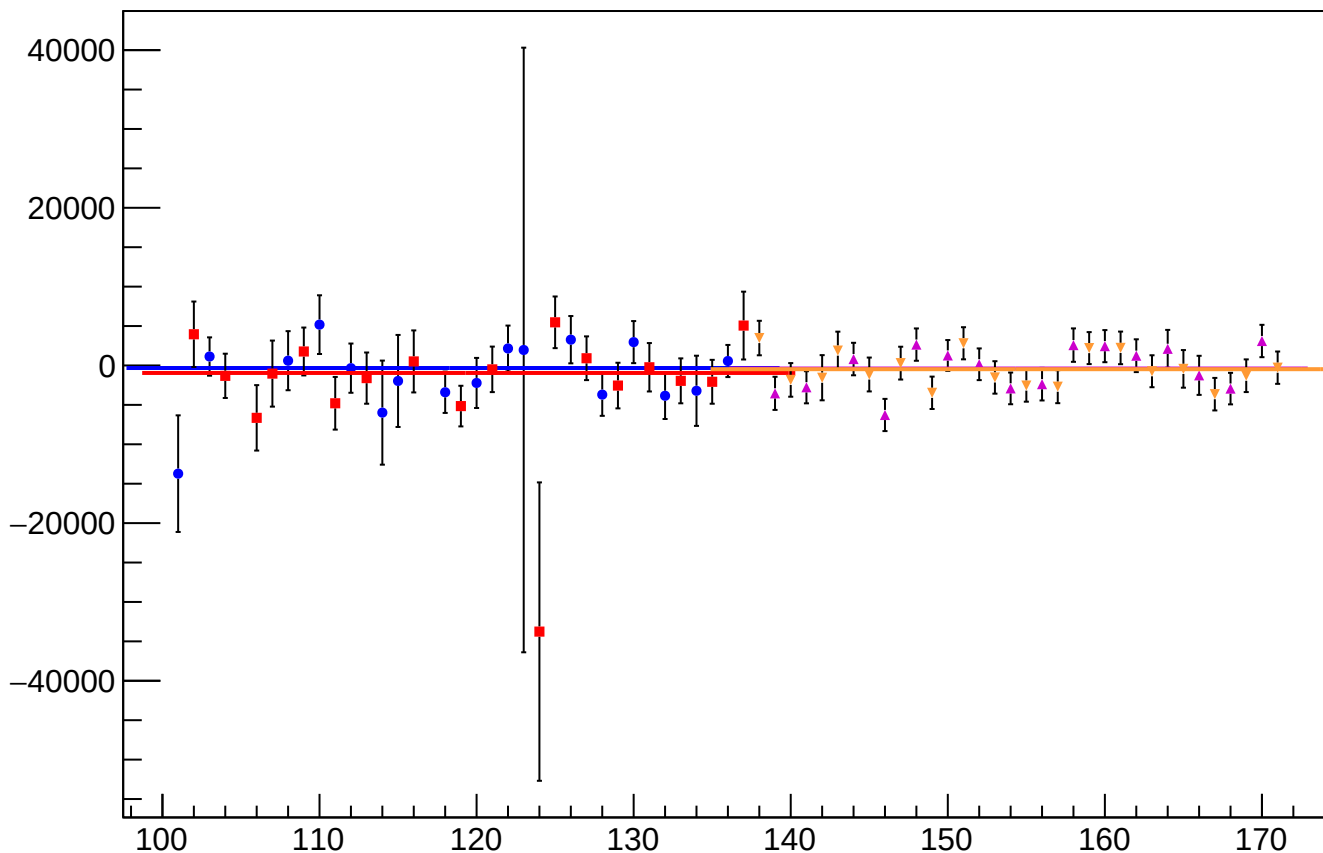
Right: 2179.883 ± 0.429 $\chi^2/\text{NDF}: 1446967.4/34$

In: 2050.728 ± 0.335 $\chi^2/\text{NDF}: 858499.1/32$

Out: 2060.919 ± 0.325 $\chi^2/\text{NDF}: 923550.2/35$

All: 2055.967 ± 0.233 $\chi^2/\text{NDF}: 1782526.1/68$

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -390.393+/-520.650 χ^2 /NDF:28.0/15

Left: -433.179+/-361.700 χ^2 /NDF: 46.1/33

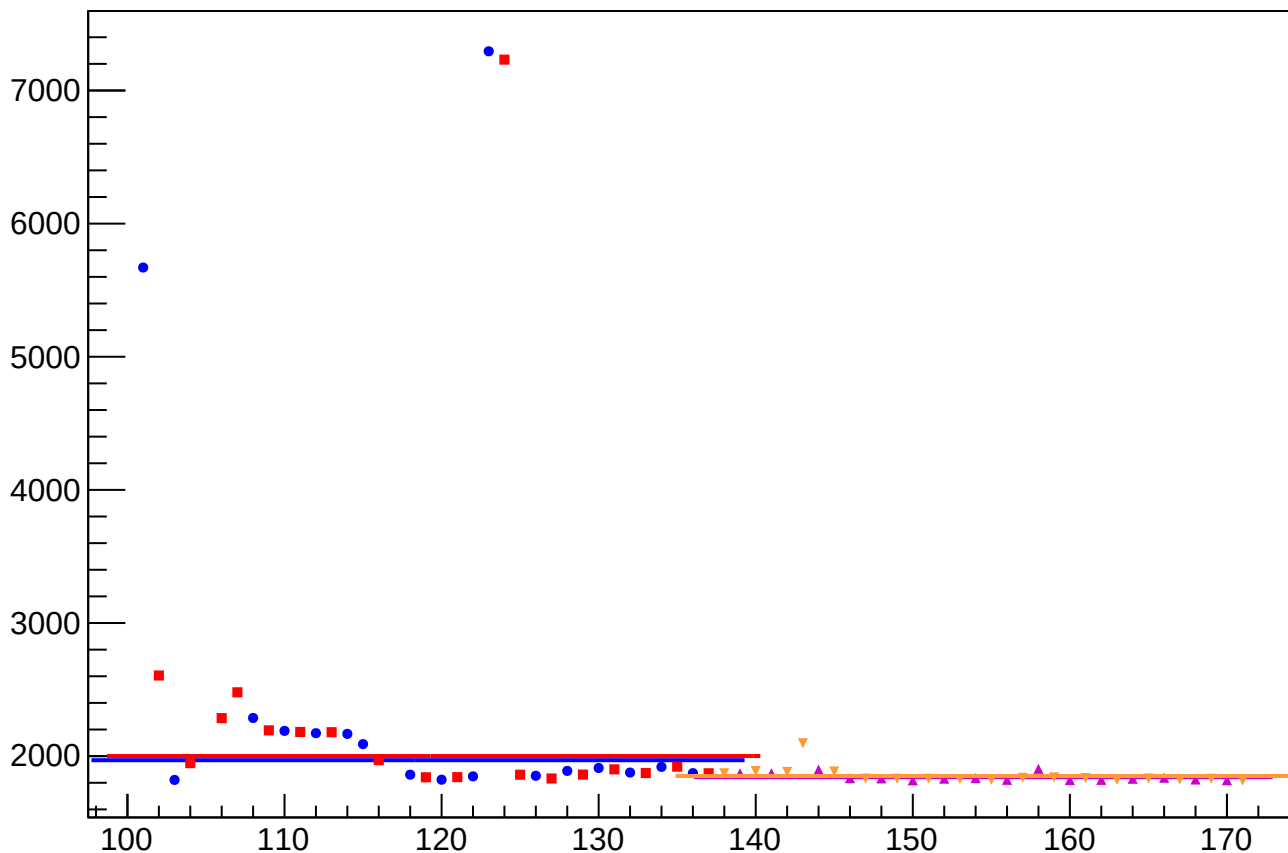
Right: -641.256+/-547.905 χ^2 /NDF: 34.3/34

In: -369.831+/-432.956 χ^2 /NDF:43.7/32

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

All: -496.335+/-301.857 χ^2 /NDF: 80.5/68

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.992+/-0.356 χ^2/NDF : 25567.7/17

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

Left In: 1842.170+/-0.368 χ^2/NDF : 5598.9/15

Left: 1846.734+/-0.256 χ^2/NDF : 31463.7/33

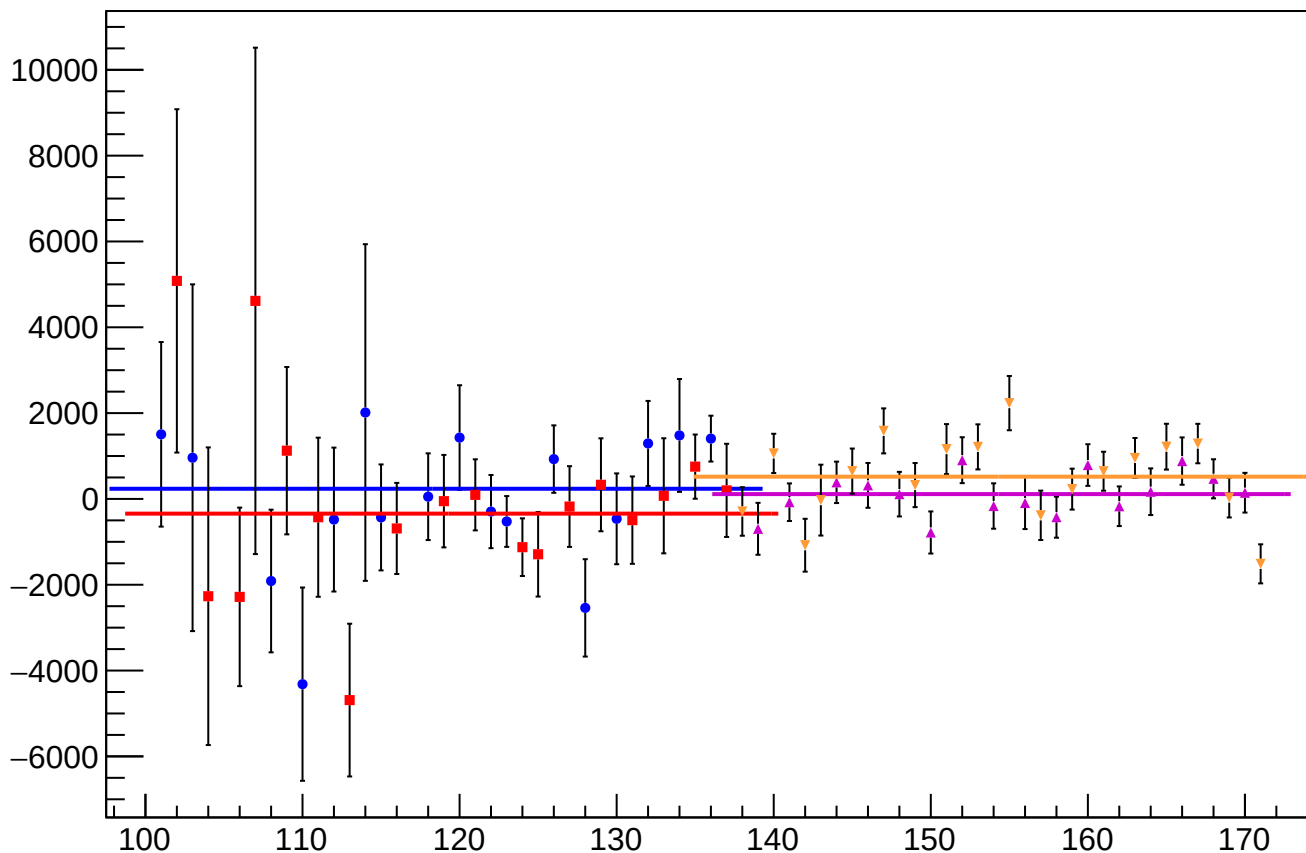
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1881.449+/-0.306 χ^2/NDF : 645307.8/32

Out: 1895.871+/-0.298 χ^2/NDF : 369502.6/35

All: 1888.860+/-0.213 χ^2/NDF : 1015950.9/68

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 112.309 $\pm$ 125.991 χ^2 /NDF: 14.5/15

Left: 321.054 $\pm$ 87.808 χ^2 /NDF: 74.5/33

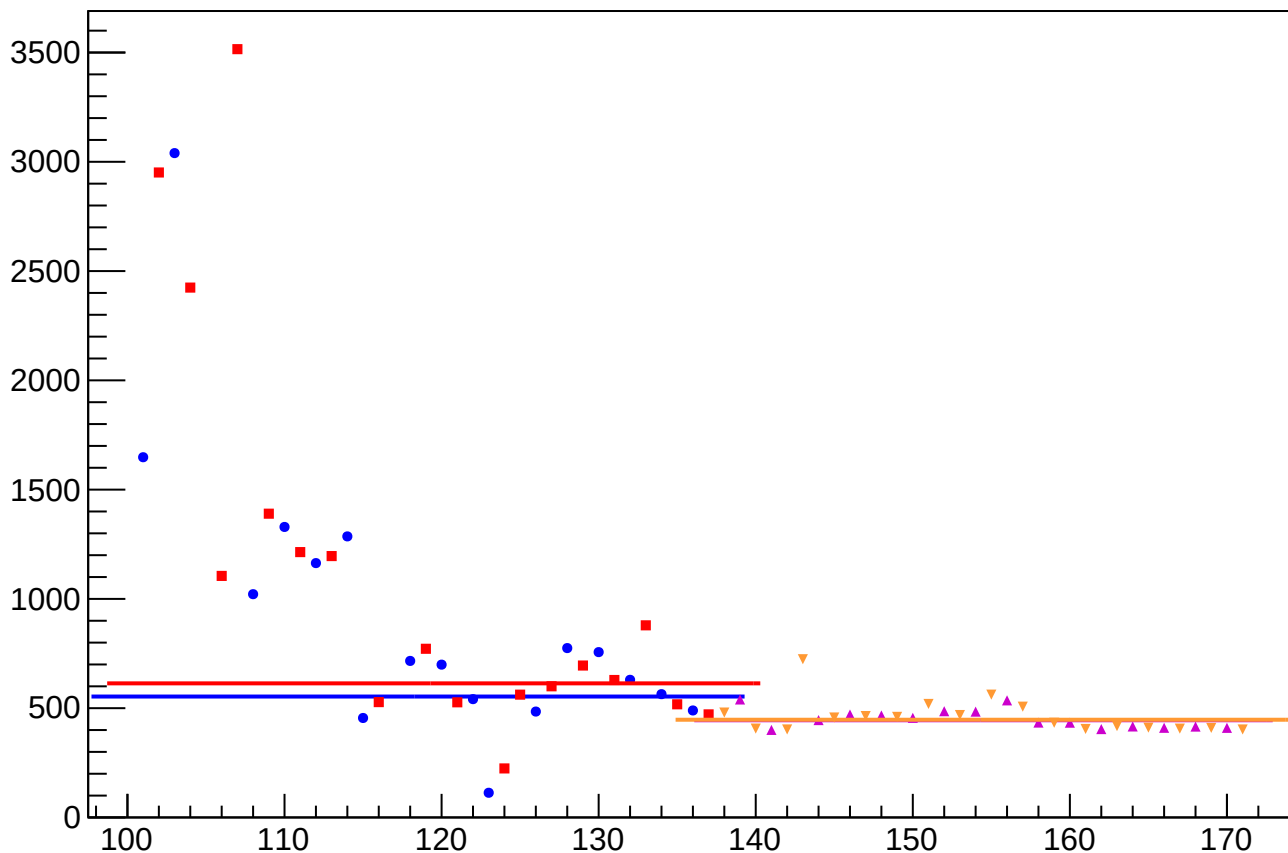
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 137.763 $\pm$ 112.383 χ^2 /NDF: 38.6/32

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

All: 254.915 $\pm$ 79.121 χ^2 /NDF: 119.8/68

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 444.697+/-0.089 χ^2/NDF : 197284.3/15

Left: 445.935+/-0.062 χ^2/NDF : 664844.0/33

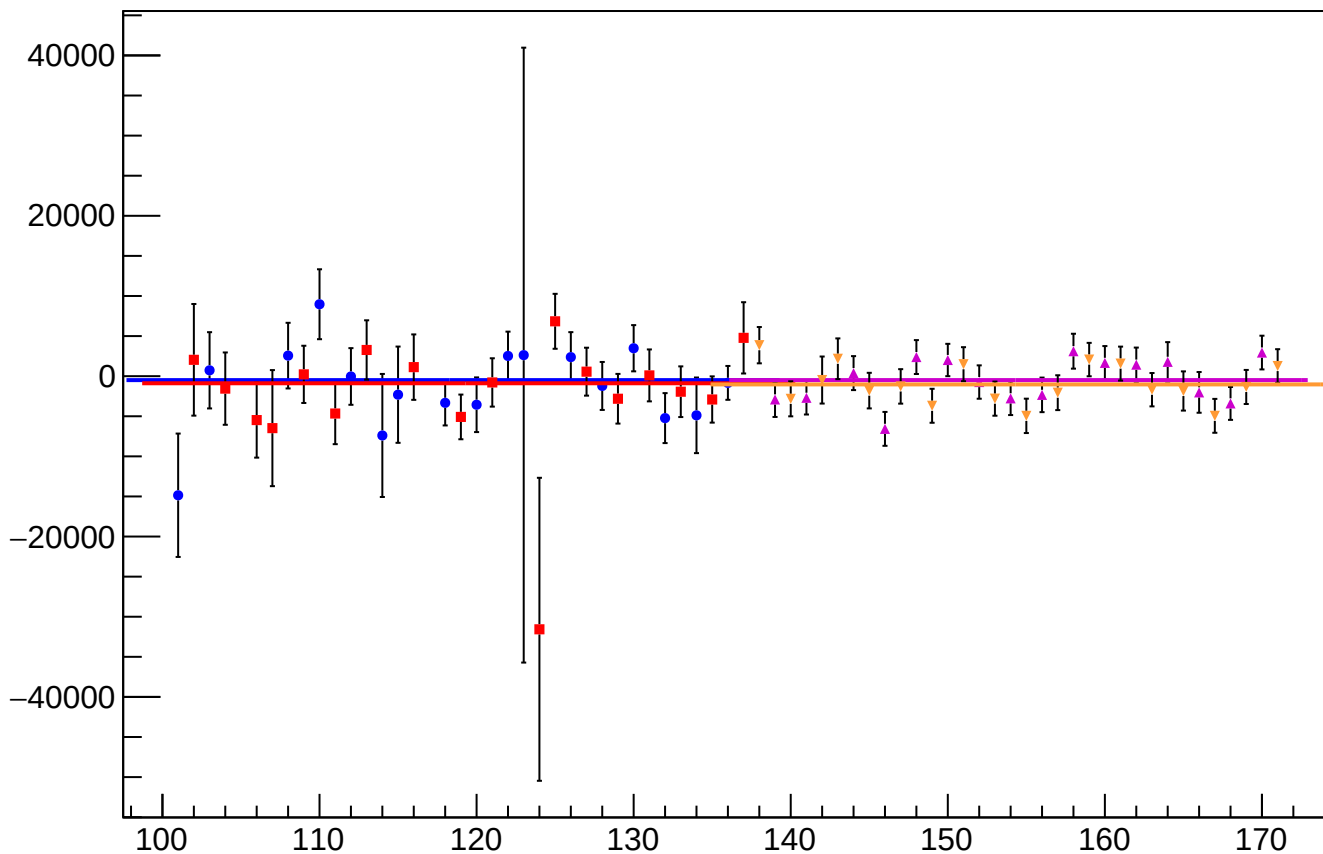
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 466.886+/-0.079 χ^2/NDF : 3913602.2/32

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

All: 471.357+/-0.056 χ^2/NDF : 8499584.4/68

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -488.193+/-536.312 χ^2/NDF : 26.6/15

Left: -766.742+/-372.885 χ^2/NDF : 50.1/33

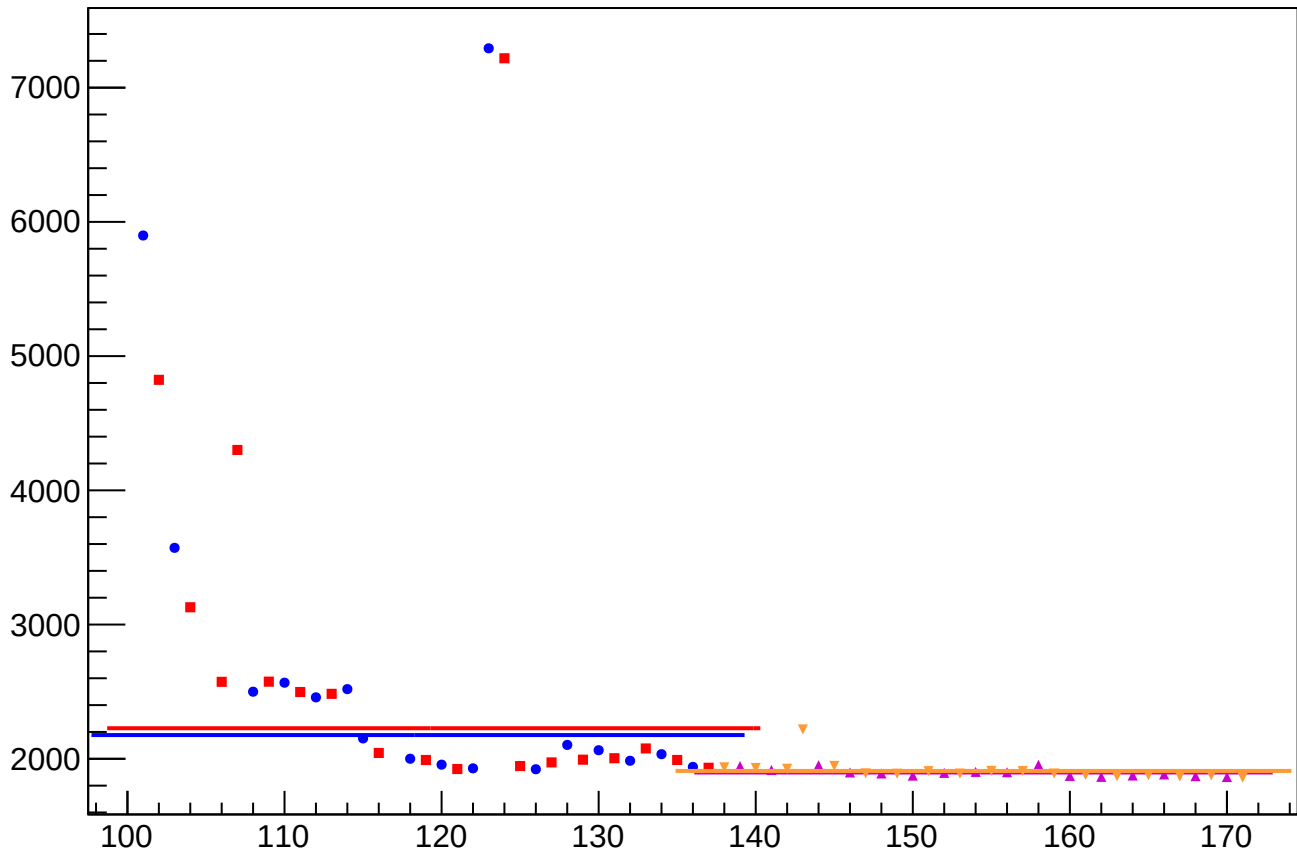
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -489.228+/-456.246 χ^2/NDF : 45.2/32

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

All: -745.544+/-318.738 χ^2/NDF : 86.1/68

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1897.742 $\pm$ 0.379 χ^2 /NDF: 5959.6/15

Left: 1903.840 $\pm$ 0.264 χ^2 /NDF: 41705.6/33

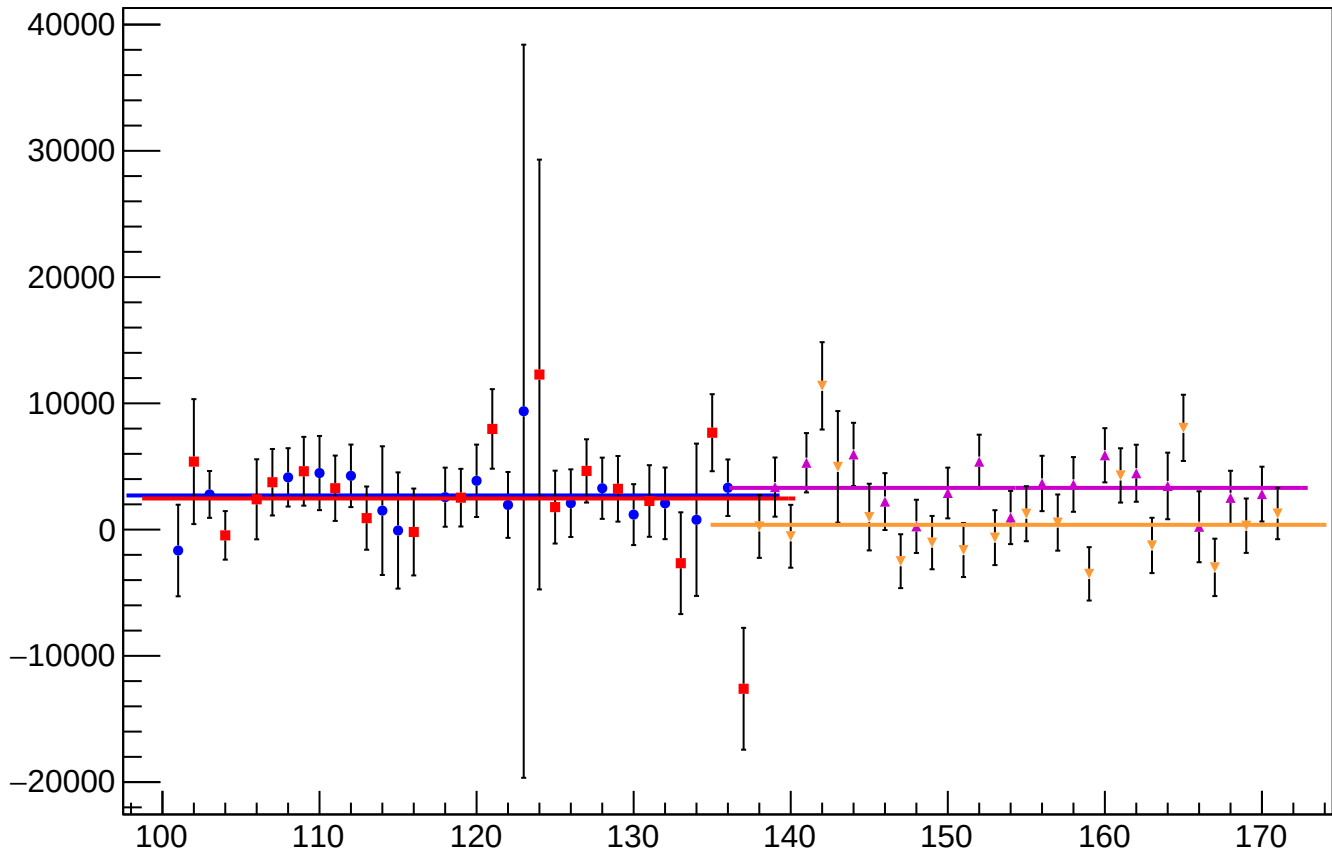
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1974.829 $\pm$ 0.323 χ^2 /NDF: 958187.6/32

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

All: 1984.195 $\pm$ 0.225 χ^2 /NDF: 2018321.9/68

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3303.411 $\pm$ 561.537 χ^2 /NDF:9.5/15

Left: 1804.695 $\pm$ 392.139 χ^2 /NDF: 56.6/33

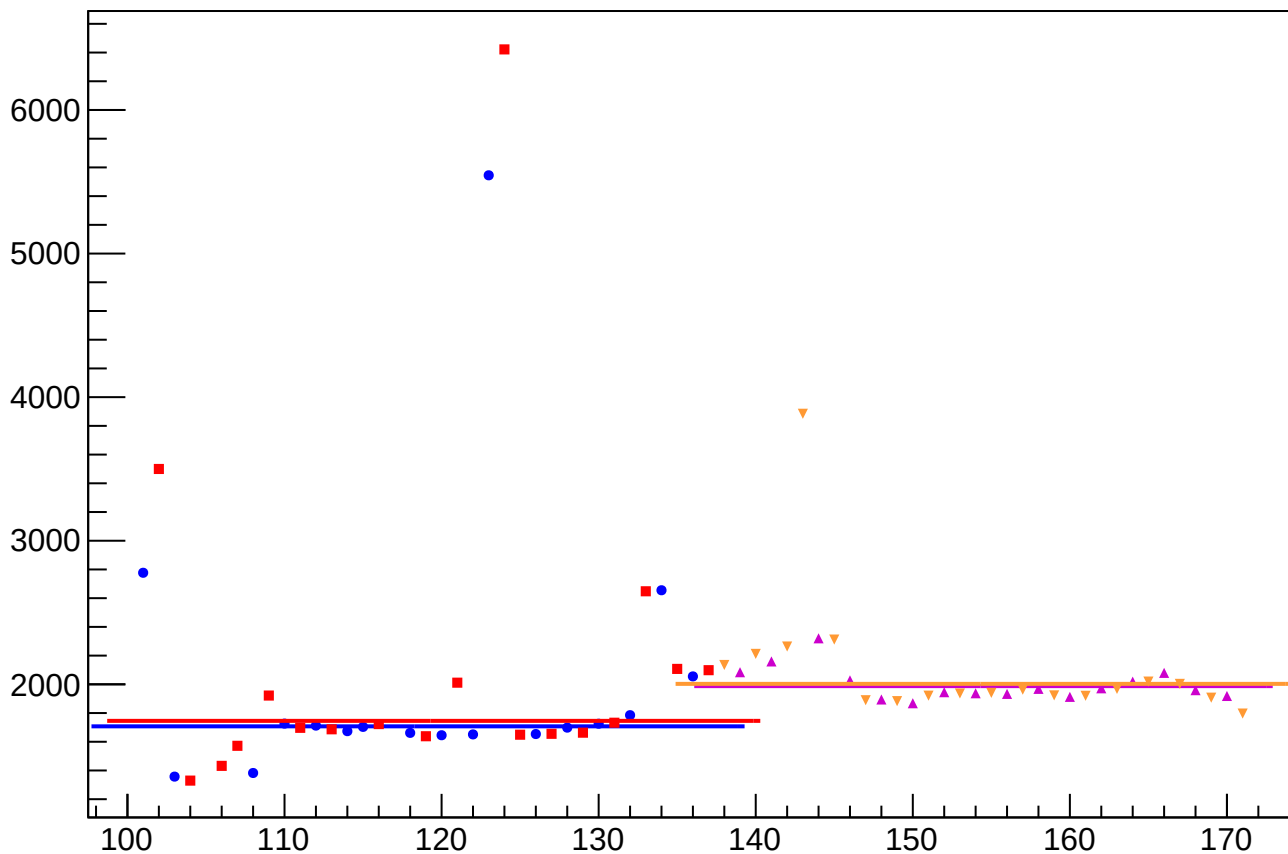
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3057.572 $\pm$ 431.399 χ^2 /NDF:14.0/32

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

All: 2117.463 $\pm$ 303.630 χ^2 /NDF: 85.4/68

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2003.210 ± 0.387 $\chi^2/\text{NDF}: 470849.3/17$

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

Left In: 1987.454 ± 0.397 $\chi^2/\text{NDF}: 71613.3/15$

Left: 1995.526 ± 0.277 $\chi^2/\text{NDF}: 543269.4/33$

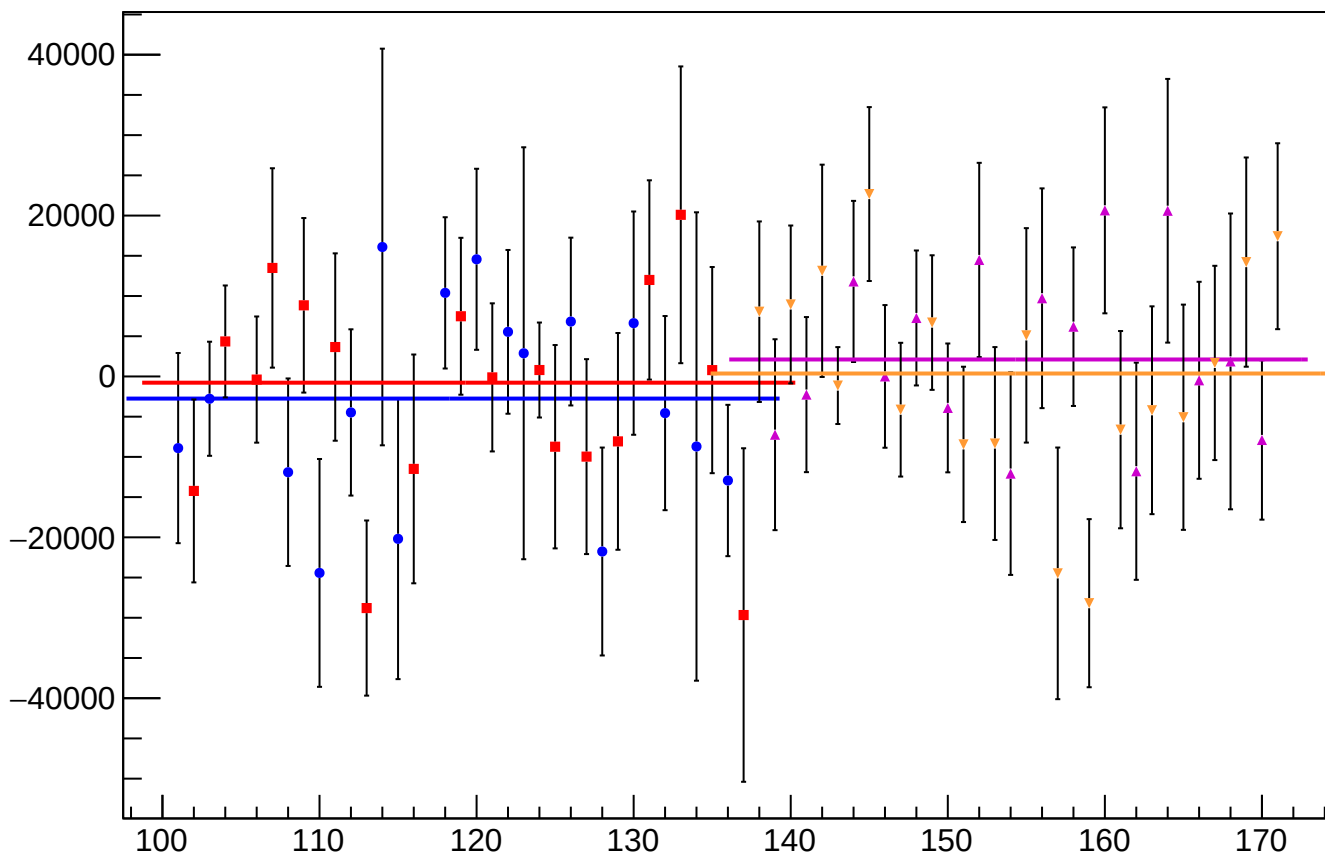
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1872.683 ± 0.305 $\chi^2/\text{NDF}: 697657.2/32$

Out: 1902.351 ± 0.302 $\chi^2/\text{NDF}: 1343258.3/35$

All: 1887.655 ± 0.215 $\chi^2/\text{NDF}: 2045689.3/68$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 2109.671 $\pm$ 2728.855 χ^2 /NDF: 11.1/15

Left: 1111.716 $\pm$ 1784.584 χ^2 /NDF: 34.1/33

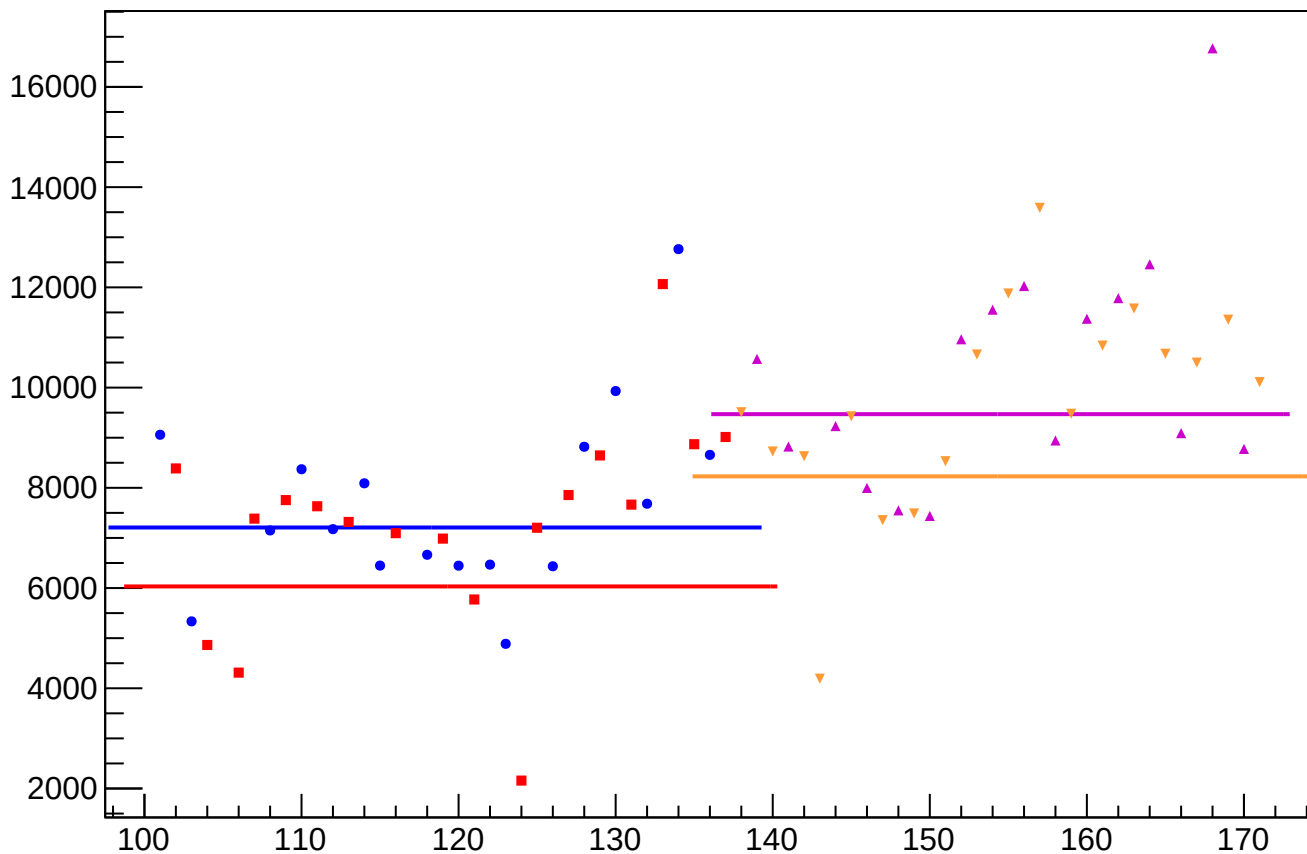
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -221.511 $\pm$ 1968.509 χ^2 /NDF: 27.2/32

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

All: -200.566 $\pm$ 1284.981 χ^2 /NDF: 67.8/68

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 9469.955+/-1.930 χ^2/NDF : 973640.2/15

Left: 8759.620+/-1.262 χ^2/NDF : 3755598.1/33

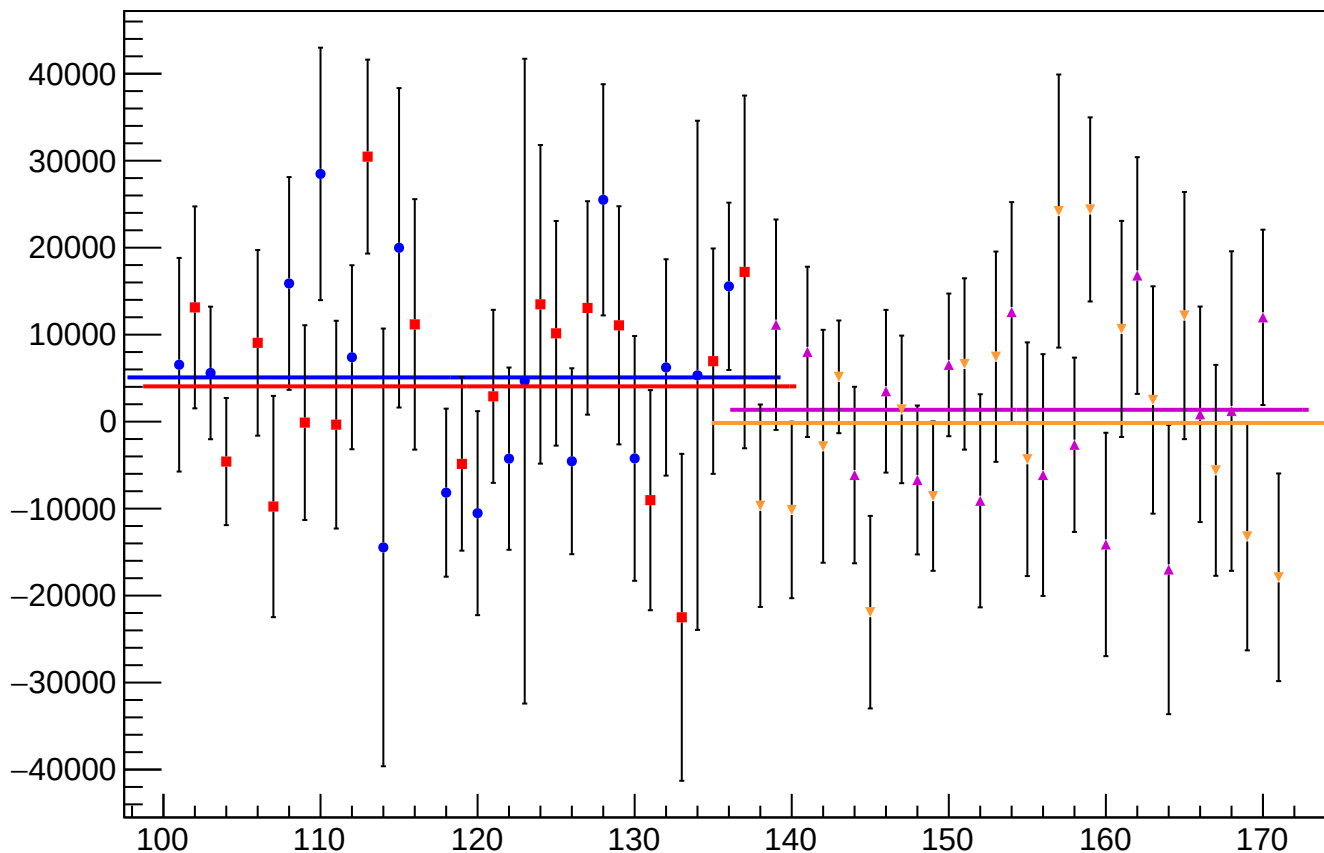
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8385.224+/-1.392 χ^2/NDF : 2126273.6/32

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

All: 7686.643+/-0.909 χ^2/NDF : 7745459.0/68

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1361.889 $\pm$ 2780.041 χ^2/NDF : 10.0/15

Left: 537.972 $\pm$ 1876.088 χ^2/NDF : 31.1/33

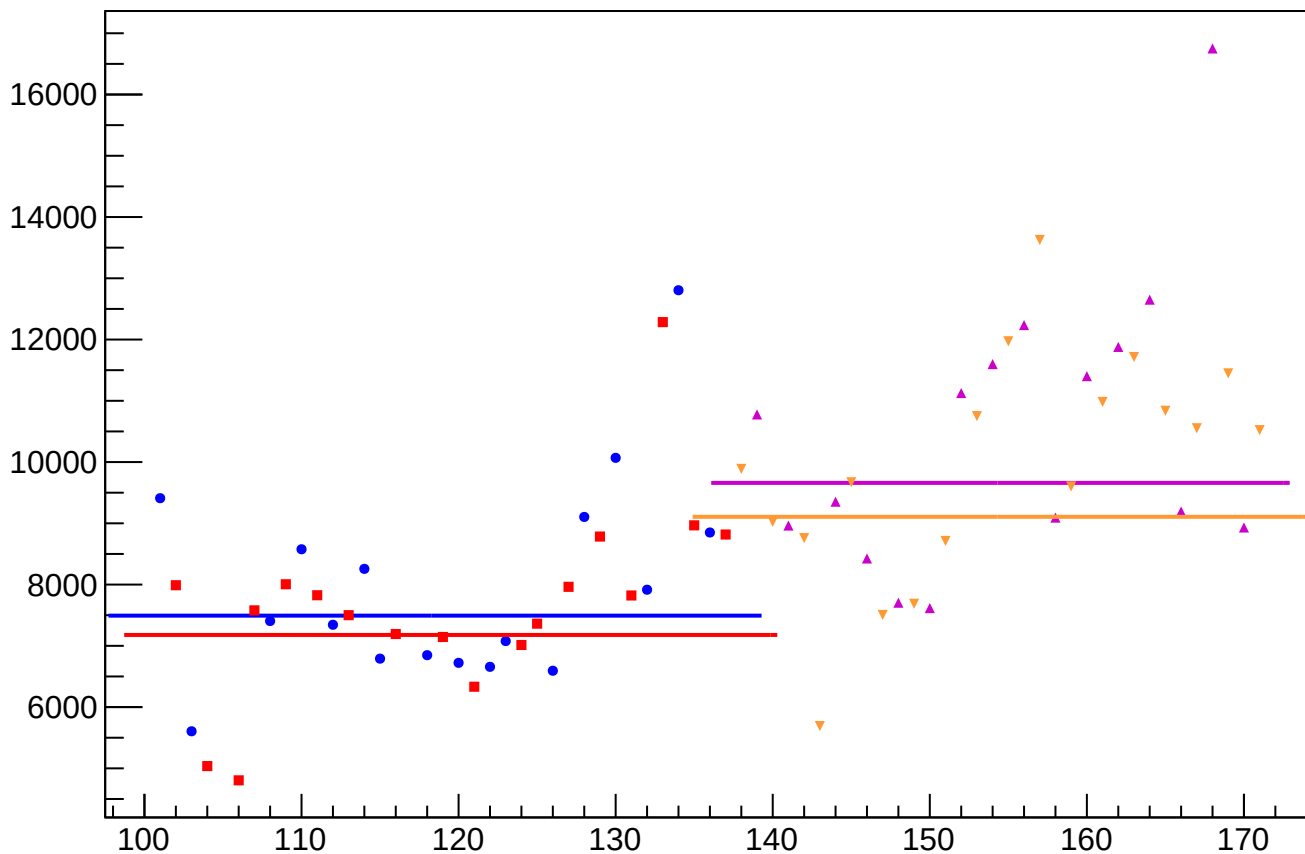
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3109.641 $\pm$ 2024.893 χ^2/NDF : 24.8/32

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

All: 2380.095 $\pm$ 1378.608 χ^2/NDF : 62.4/68

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9106.470+/-1.798 χ^2/NDF :1274303.7/17

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

Left In: 9659.973+/-1.966 χ^2/NDF :909477.1/15

Left: 9358.541+/-1.327 χ^2/NDF : 2226956.2/33

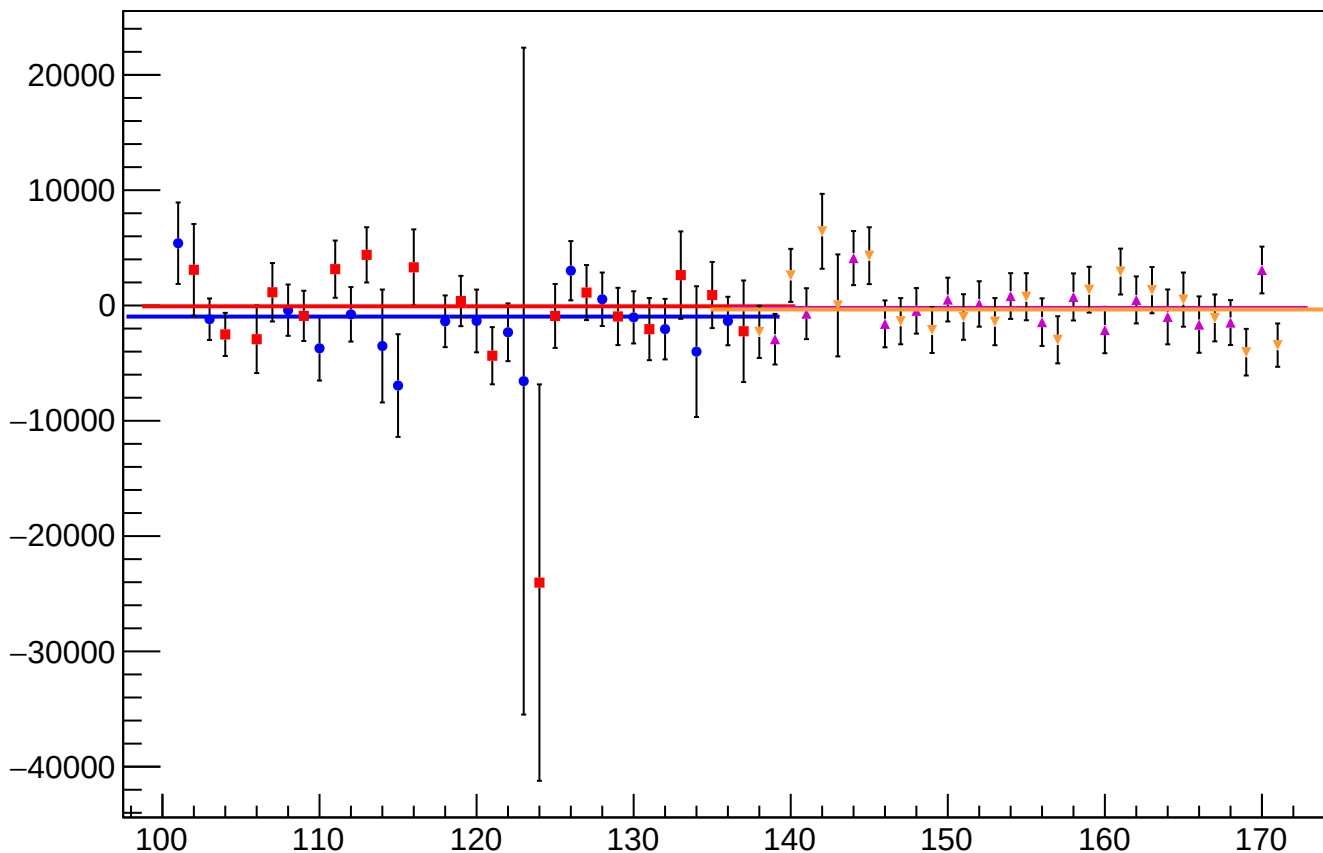
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8642.556+/-1.432 χ^2/NDF :1917114.8/32

Out: 8234.878+/-1.331 χ^2/NDF :2350394.1/35

All: 8423.839+/-0.975 χ^2/NDF : 4311003.6/68

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -344.830+/-508.121 χ^2/NDF : 24.2/17

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

Left In: -212.794+/-520.301 χ^2/NDF : 11.0/15

Left: -280.376+/-363.526 χ^2/NDF : 35.2/33

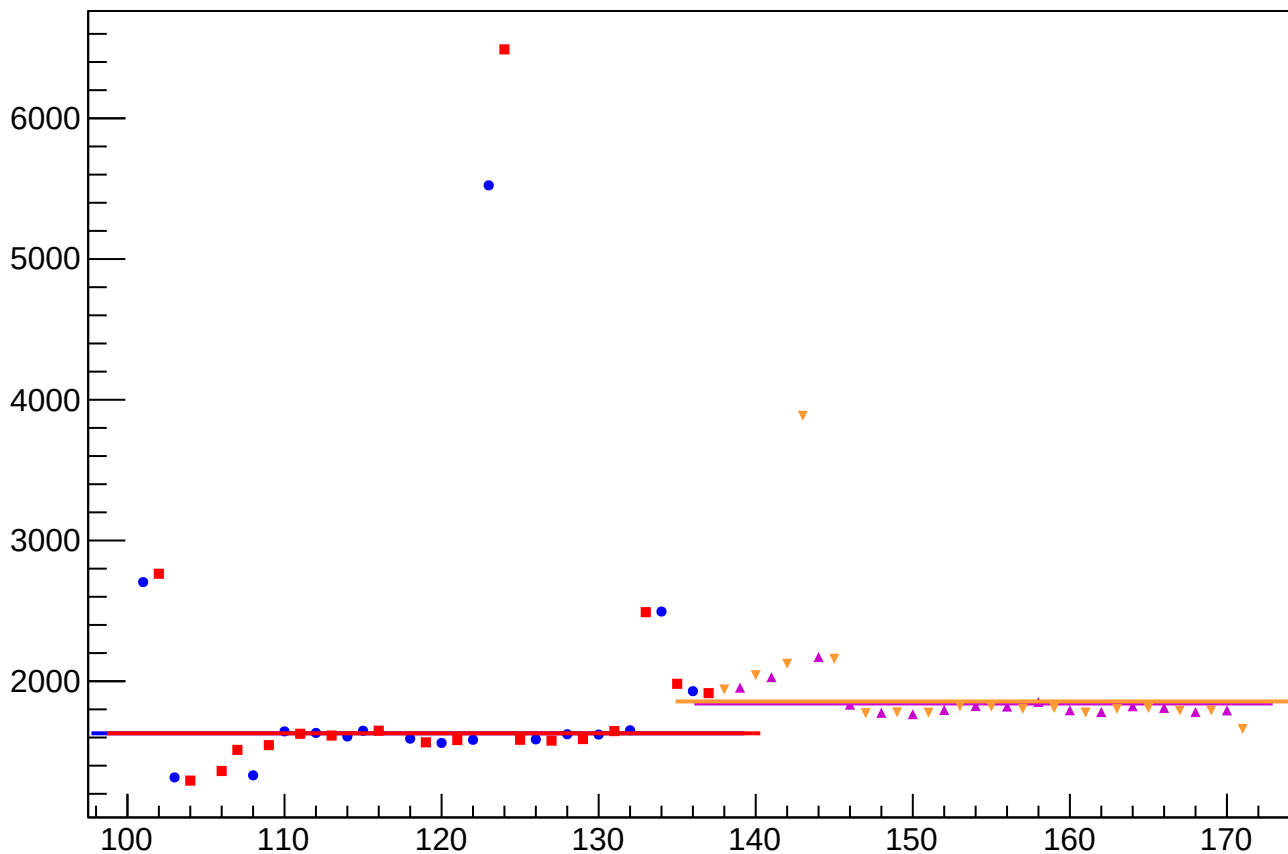
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -509.445+/-404.476 χ^2/NDF : 21.9/32

Out: -237.946+/-396.599 χ^2/NDF : 41.0/35

All: -371.026+/-283.182 χ^2/NDF : 63.2/68

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1841.905+/-0.368 χ^2/NDF : 72705.9/15

Left: 1849.321+/-0.257 χ^2/NDF : 598988.6/33

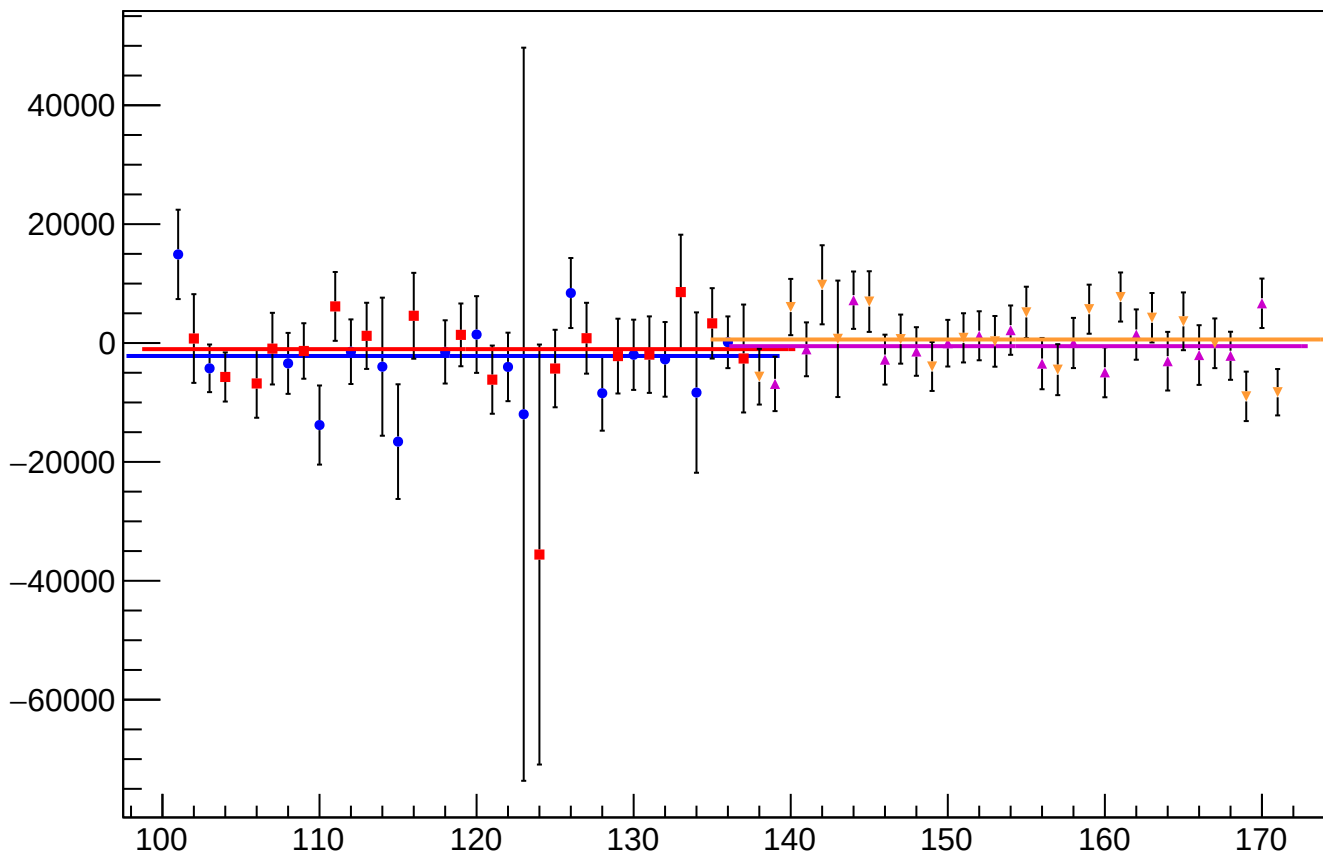
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1758.043+/-0.286 χ^2/NDF : 612175.0/32

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

All: 1763.068+/-0.200 χ^2/NDF : 1850962.7/68

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 597.909+/-1054.689 χ^2/NDF : 26.5/17

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

Left In: -527.746+/-1078.479 χ^2/NDF : 10.8/15

Left: 47.634+/-754.048 χ^2/NDF : 37.8/33

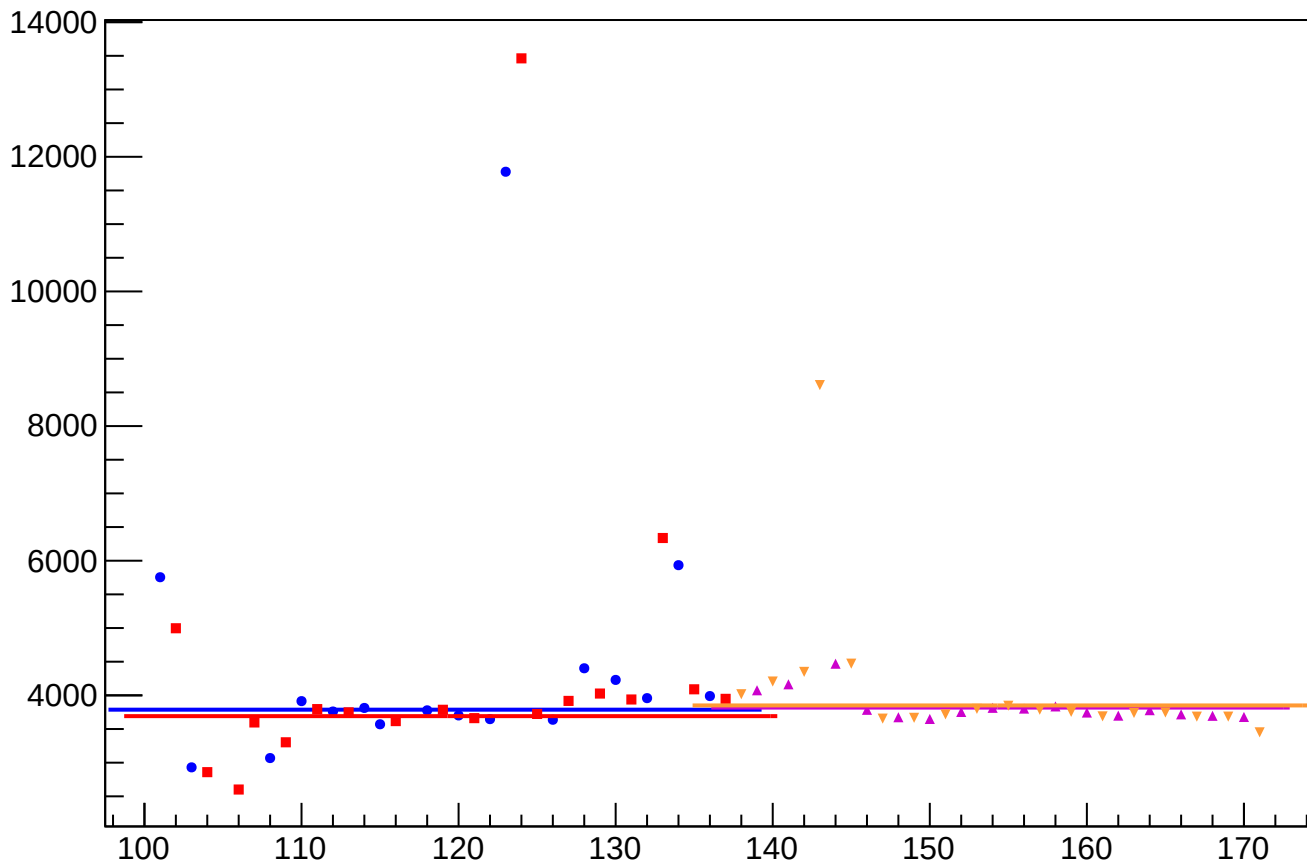
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1094.004+/-874.250 χ^2/NDF : 27.6/32

Out: 31.775+/-851.356 χ^2/NDF : 35.9/35

All: -516.181+/-609.933 χ^2/NDF : 64.3/68

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3818.330+/-0.763 χ^2/NDF : 68482.4/15

Left: 3834.667+/-0.533 χ^2/NDF : 641015.3/33

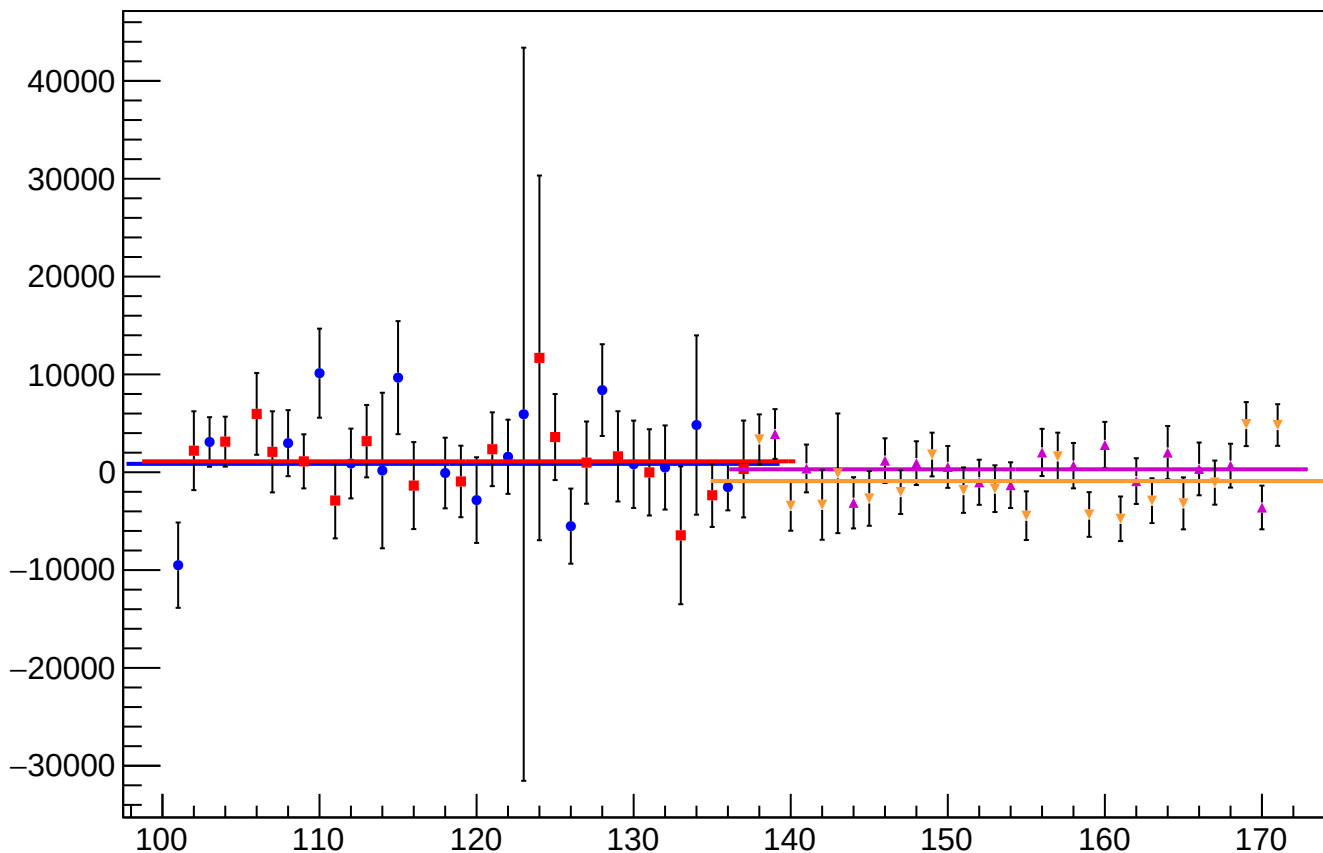
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3807.691+/-0.618 χ^2/NDF : 461700.8/32

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

All: 3801.114+/-0.431 χ^2/NDF : 1604559.9/68

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -895.119 $\pm$ 581.178 χ^2 /NDF:30.3/17

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

Left In: 300.051 $\pm$ 592.982 χ^2 /NDF:10.2/15

Left: -309.548 $\pm$ 415.065 χ^2 /NDF: 42.5/33

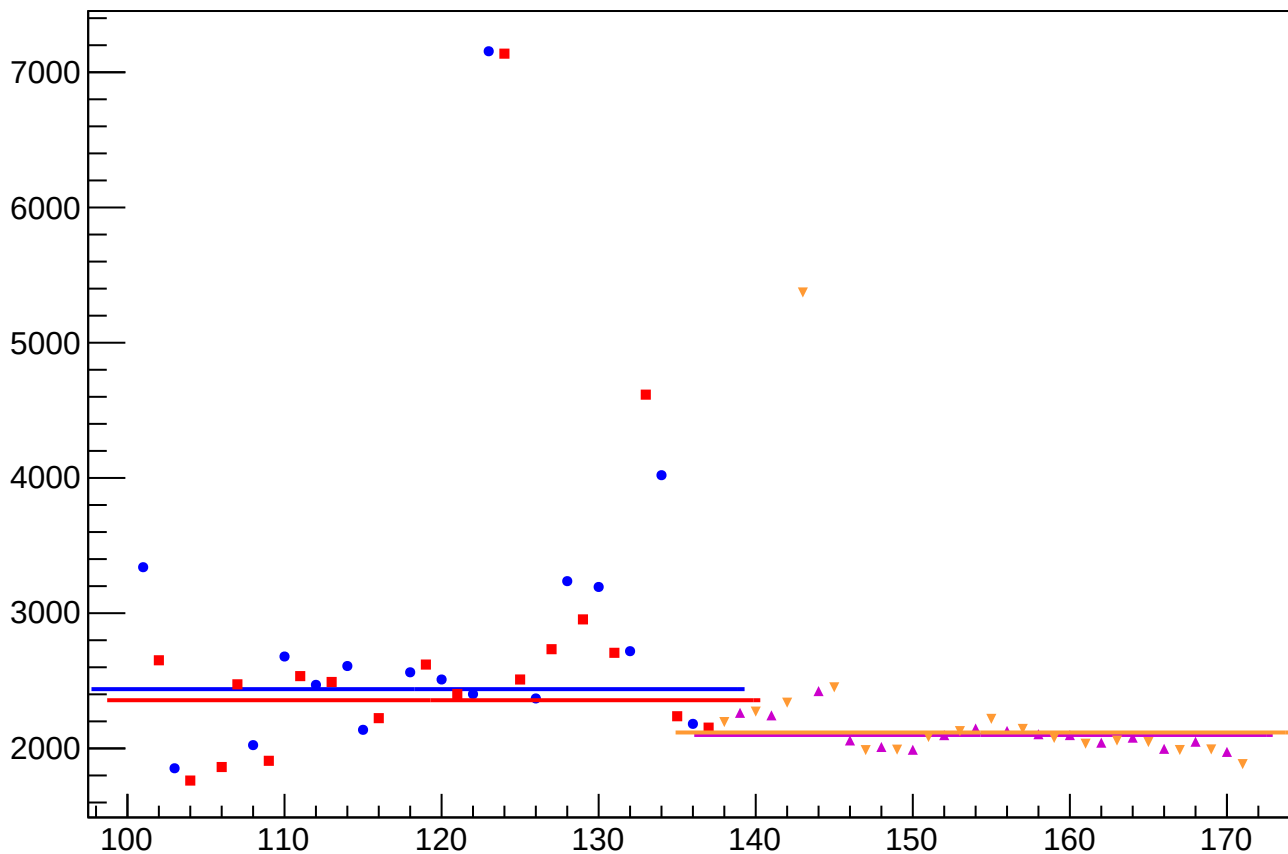
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 452.545 $\pm$ 505.183 χ^2 /NDF:31.1/32

Out: -327.403 $\pm$ 492.436 χ^2 /NDF:40.9/35

All: 52.607 $\pm$ 352.625 χ^2 /NDF: 73.2/68

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2117.791+/-0.411 χ^2/NDF : 671611.4/17

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

Left In: 2099.497+/-0.419 χ^2/NDF : 67670.9/15

Left: 2108.828+/-0.293 χ^2/NDF : 740253.3/33

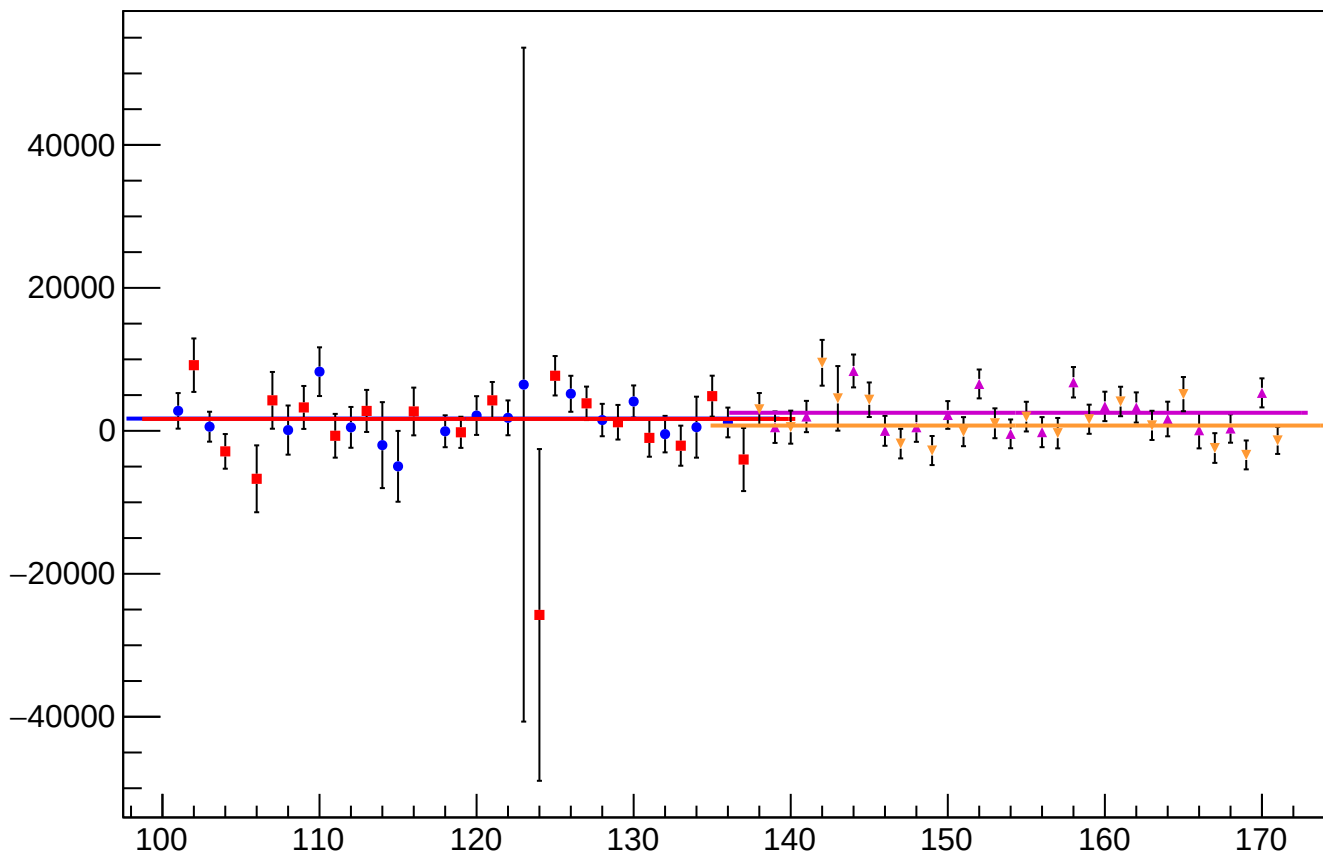
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2192.392+/-0.357 χ^2/NDF : 723394.5/32

Out: 2185.098+/-0.348 χ^2/NDF : 1395840.0/35

All: 2188.651+/-0.249 χ^2/NDF : 2119448.3/68

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2526.293+/-530.311 χ^2/NDF : 26.1/15

Left: 1610.820+/-370.158 χ^2/NDF : 62.5/33

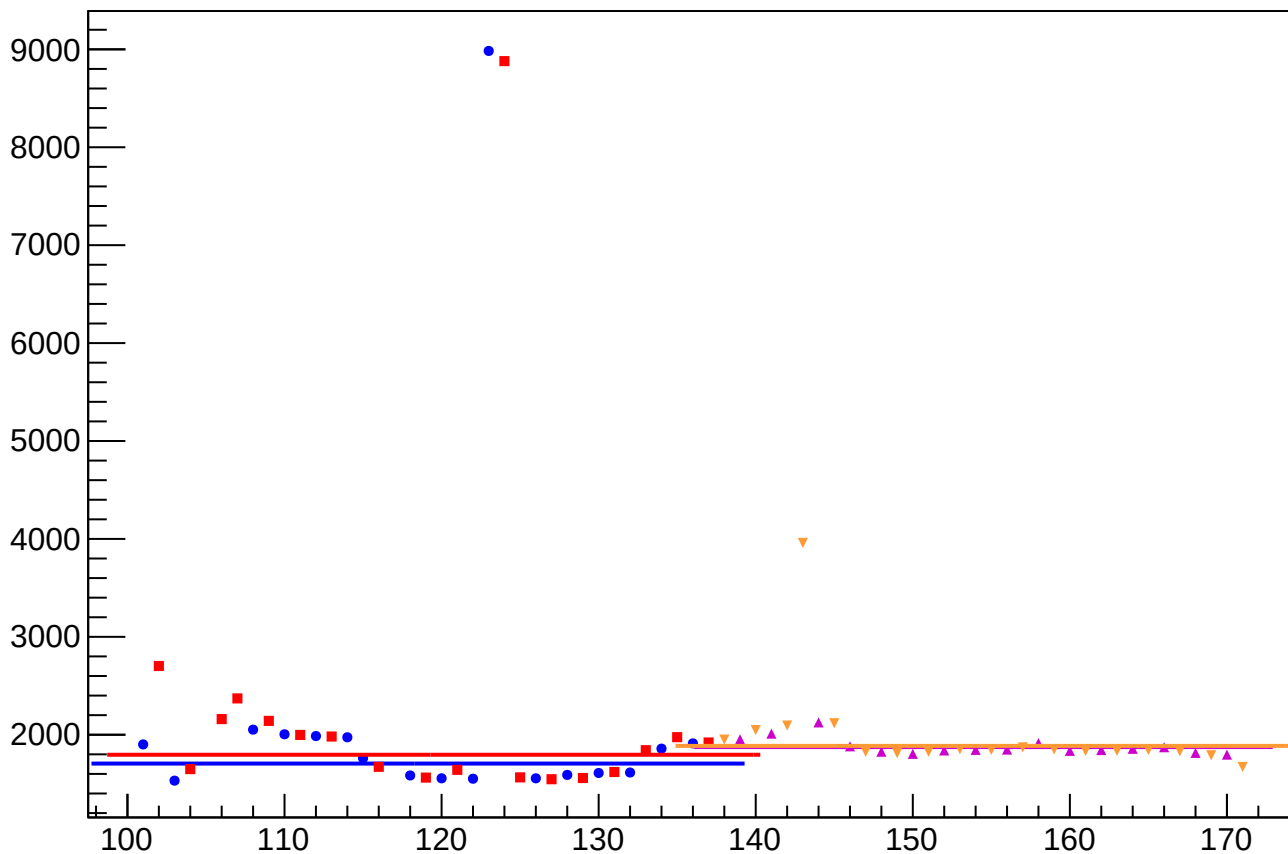
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2211.219+/-415.136 χ^2/NDF : 38.4/32

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

All: 1640.214+/-293.468 χ^2/NDF : 100.7/68

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1886.231 $\pm$ 0.366 χ^2 /NDF: 502118.4/17

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

Left In: 1874.064 $\pm$ 0.375 χ^2 /NDF: 46016.8/15

Left: 1880.303 $\pm$ 0.262 χ^2 /NDF: 548675.0/33

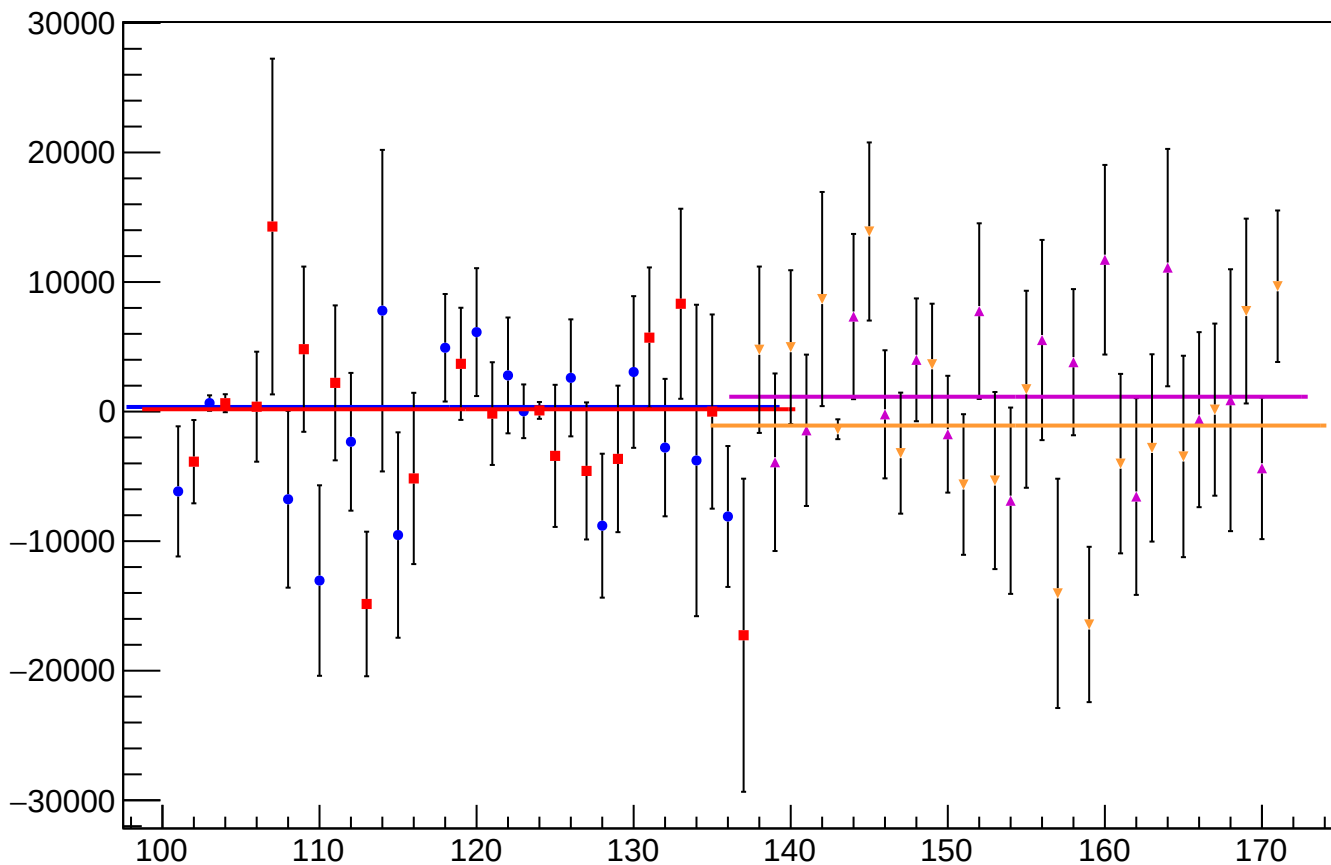
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1808.844 $\pm$ 0.294 χ^2 /NDF: 318316.7/32

Out: 1853.894 $\pm$ 0.293 χ^2 /NDF: 1042866.8/35

All: 1831.398 $\pm$ 0.207 χ^2 /NDF: 1372975.0/68

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1146.509 $\pm$ 1557.662 χ^2 /NDF:10.7/15

Left: -716.661 $\pm$ 627.796 χ^2 /NDF: 37.0/33

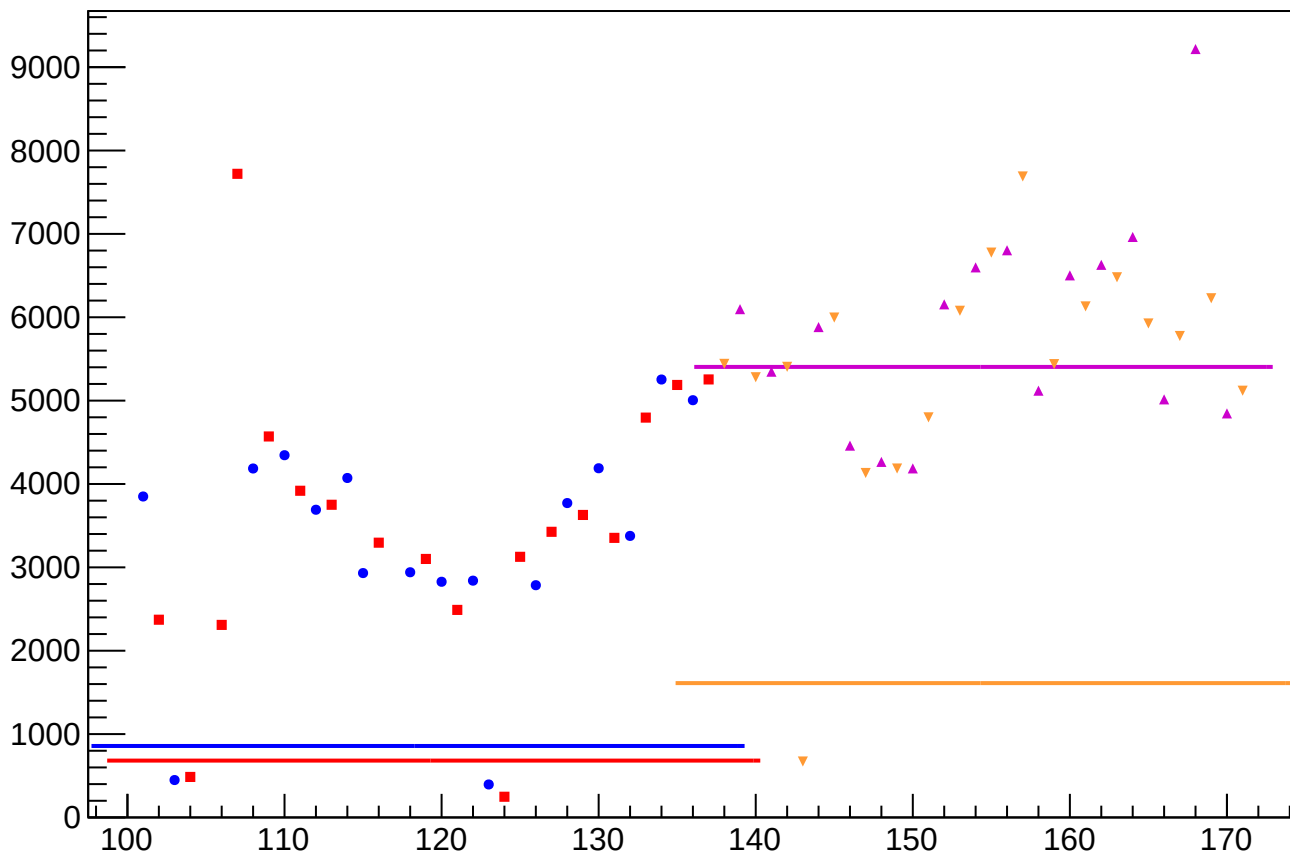
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 439.832 $\pm$ 504.471 χ^2 /NDF:28.4/32

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

All: 30.219 $\pm$ 300.701 χ^2 /NDF: 74.9/68

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1611.513 $\pm$ 0.485 χ^2 /NDF: 15854453.3/17

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

Left In: 5404.415 $\pm$ 1.101 χ^2 /NDF: 983630.9/15

Left: 2227.629 $\pm$ 0.444 χ^2 /NDF: 26770225.2/33

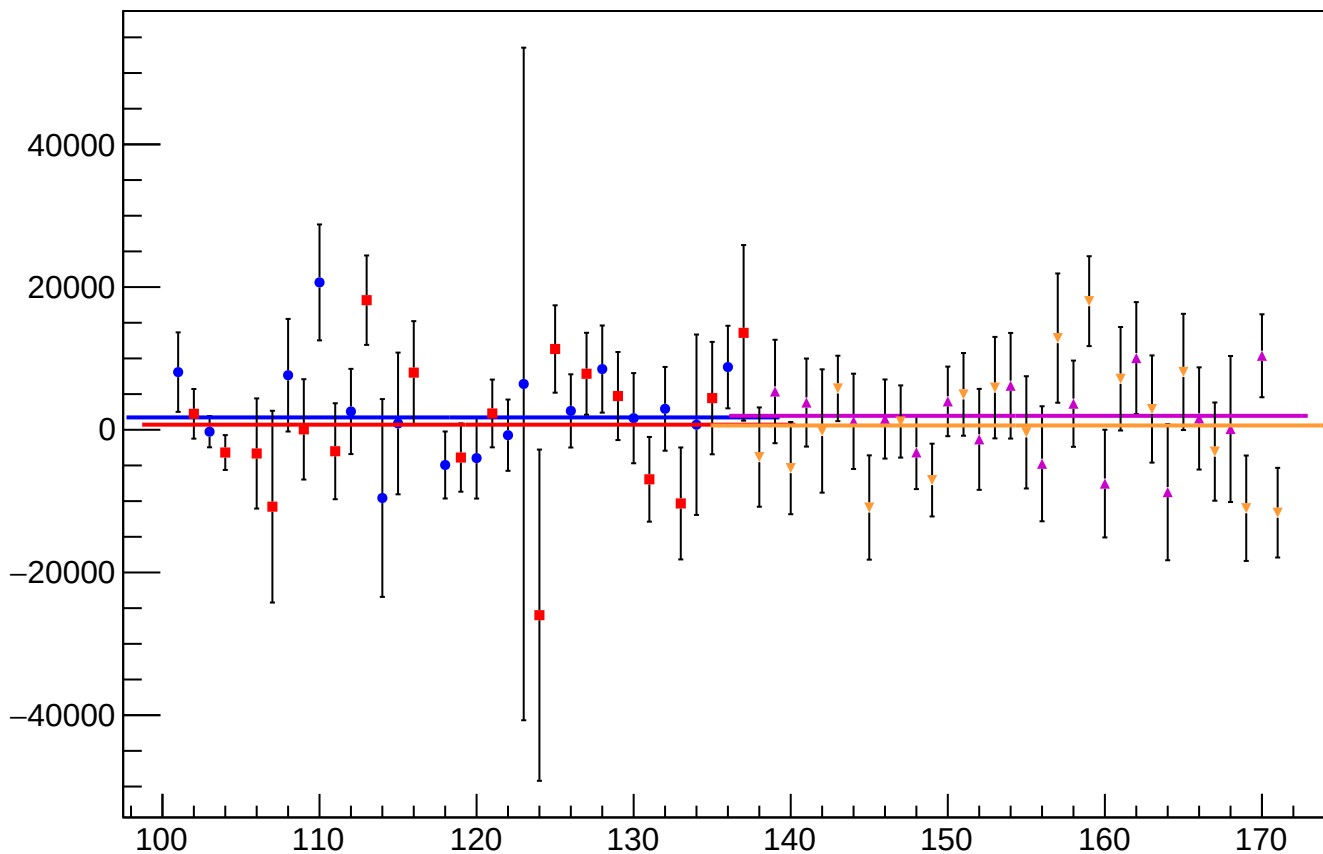
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1334.391 $\pm$ 0.357 χ^2 /NDF: 24413453.9/32

Out: 959.122 $\pm$ 0.265 χ^2 /NDF: 27810047.5/35

All: 1092.455 $\pm$ 0.213 χ^2 /NDF: 52937013.1/6

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1954.074+/-1656.472 χ^2/NDF : 8.8/15

Left: 1230.798+/-1128.009 χ^2/NDF : 35.4/33

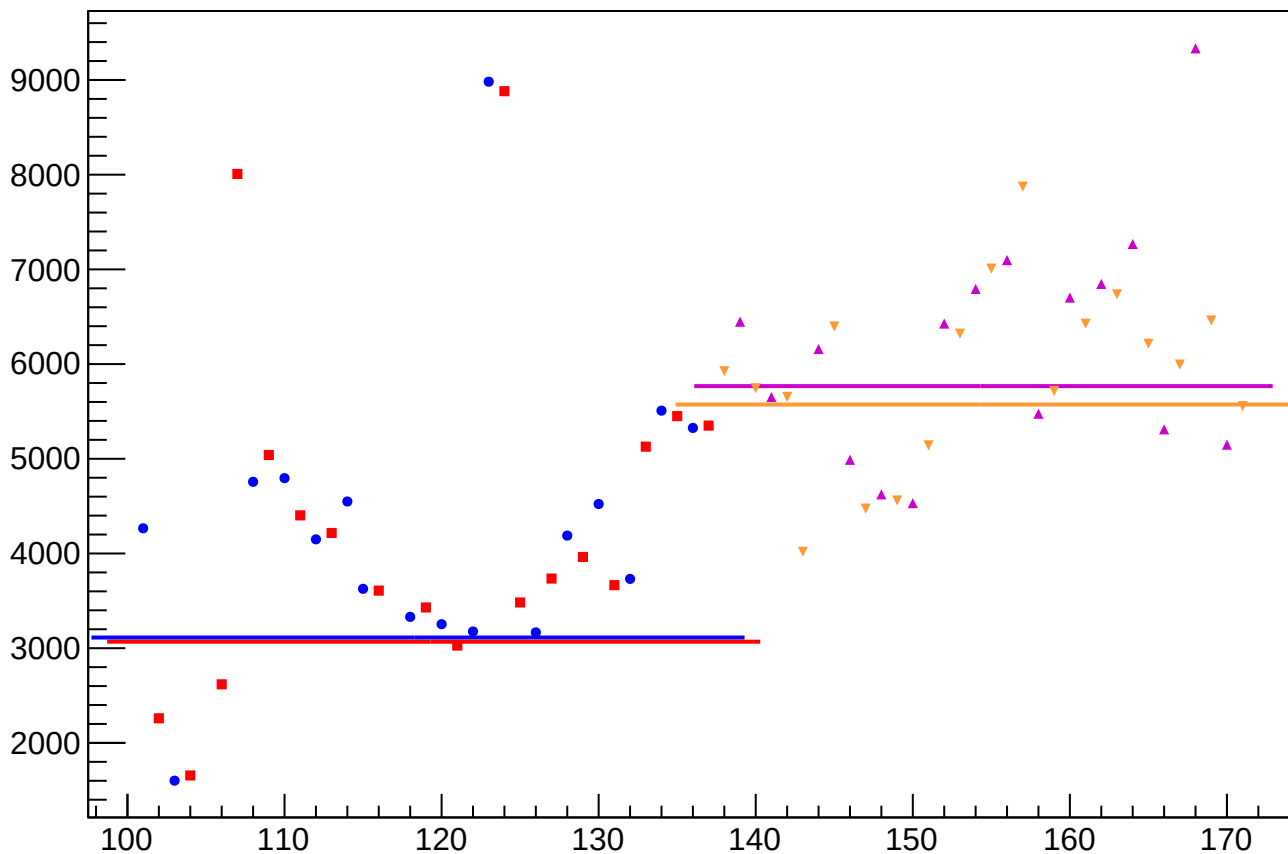
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1817.801+/-1024.906 χ^2/NDF : 23.8/32

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

All: 1223.658+/-711.796 χ^2/NDF : 75.7/68

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5573.036+/-1.089 χ^2/NDF : 789688.0/17

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

Left In: 5767.374+/-1.171 χ^2/NDF : 798168.6/15

Left: 5663.155+/-0.798 χ^2/NDF : 1602619.4/33

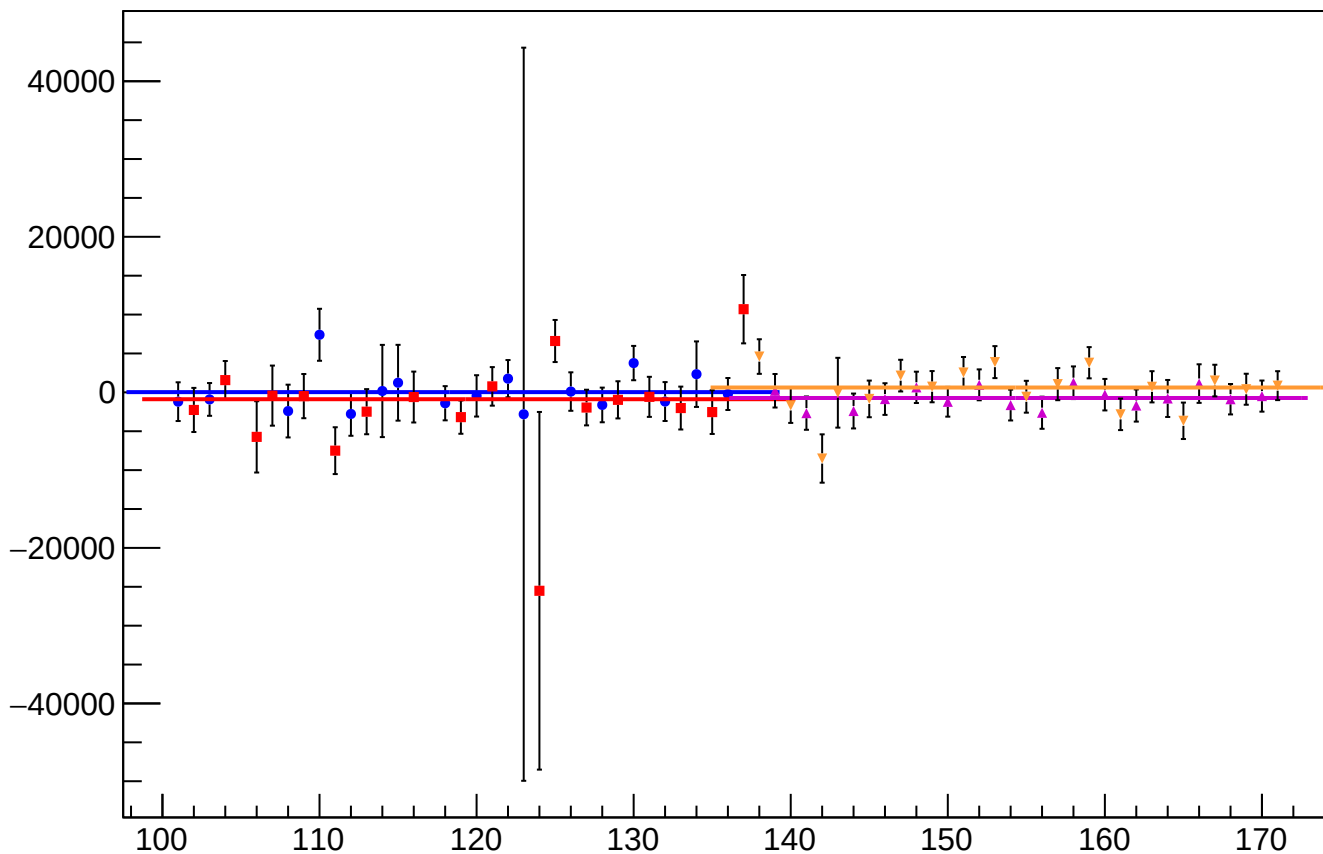
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4128.959+/-0.725 χ^2/NDF : 5852972.3/32

Out: 4083.921+/-0.693 χ^2/NDF : 5934920.3/35

All: 4105.449+/-0.501 χ^2/NDF : 11789908.6/66

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -725.745+/-520.434 χ^2/NDF : 5.6/15

Left: -34.650+/-363.225 χ^2/NDF : 35.7/33

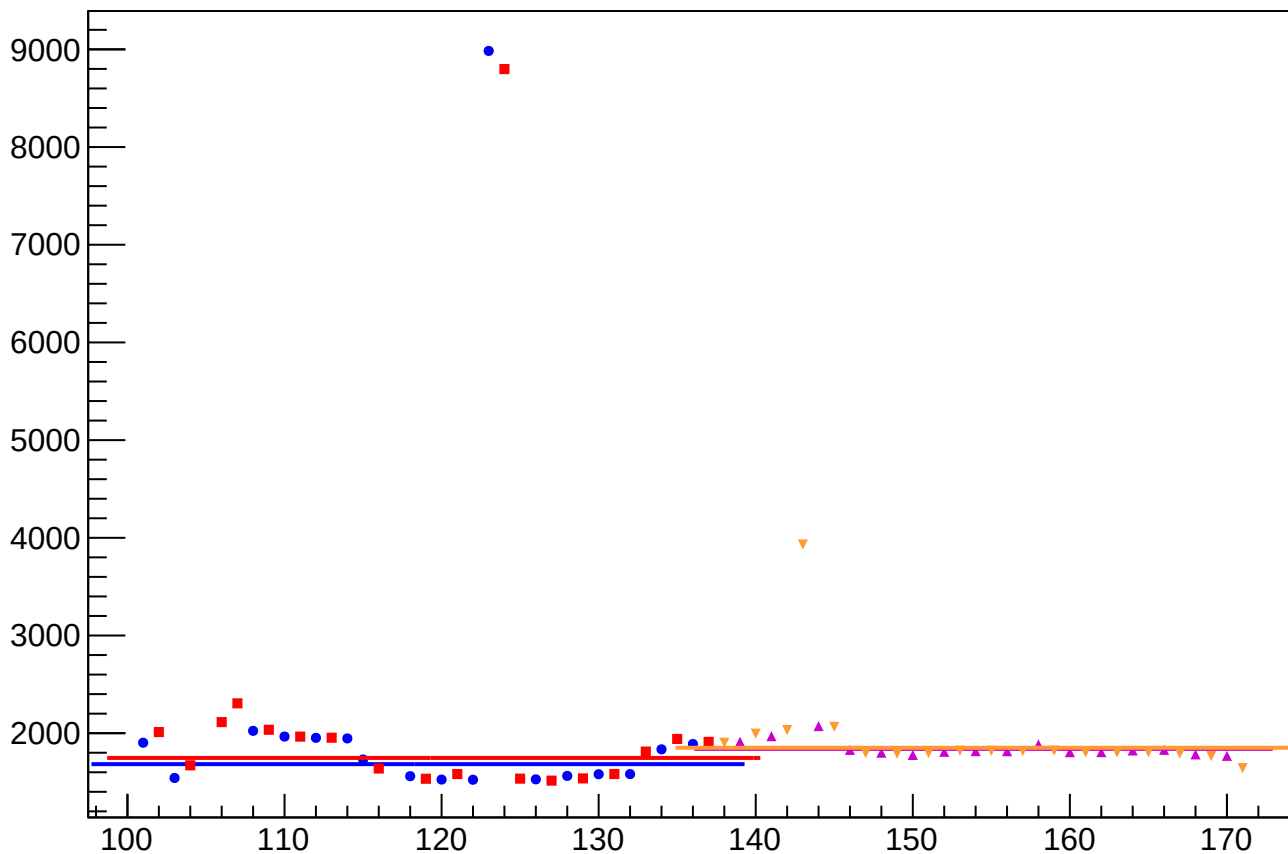
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -435.474+/-408.286 χ^2/NDF : 18.2/32

Out: 78.456+/-405.393 χ^2/NDF : 55.5/35

All: -176.682+/-287.673 χ^2/NDF : 74.5/68

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1839.431+/-0.368 χ^2/NDF : 41594.2/15

Left: 1845.265+/-0.257 χ^2/NDF : 545064.4/33

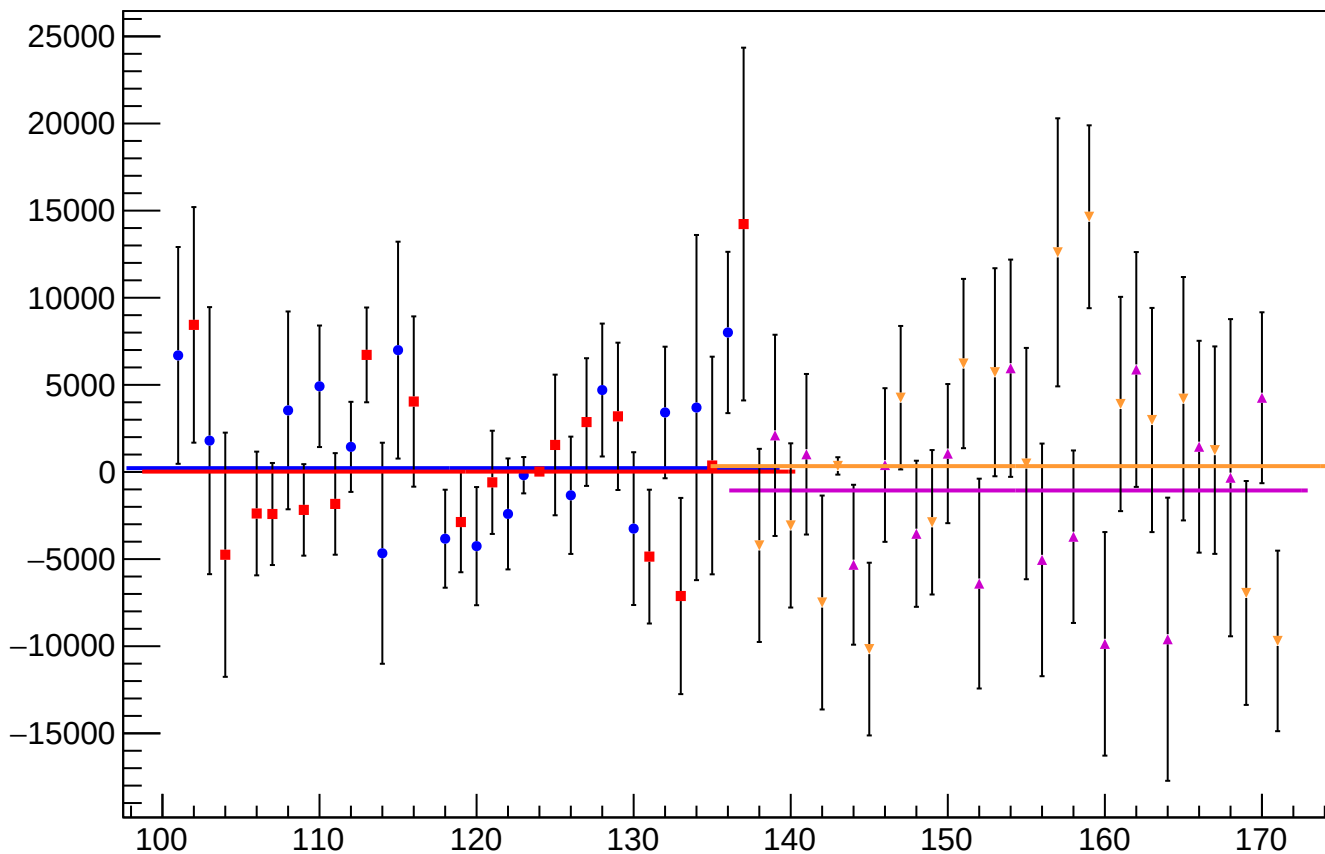
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1779.324+/-0.289 χ^2/NDF : 306826.3/32

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

All: 1796.368+/-0.203 χ^2/NDF : 1253900.5/68

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.704+/-467.239 χ^2/NDF : 27.0/17

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

Left In: -1061.051+/-1343.143 χ^2/NDF : 10.2/15

Left: 184.924+/-441.299 χ^2/NDF : 38.1/33

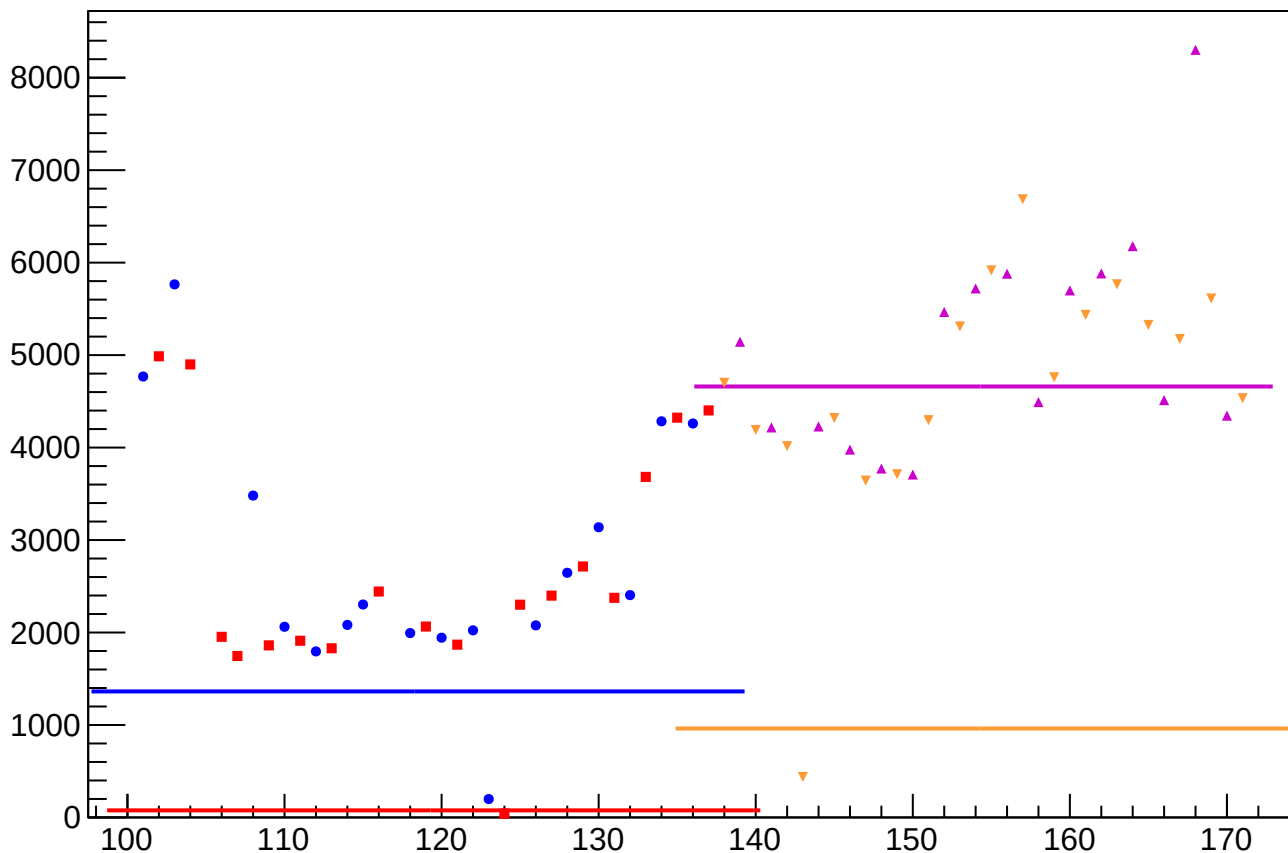
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: -66.662+/-635.202 χ^2/NDF : 26.7/32

Out: 39.613+/-110.875 χ^2/NDF : 46.0/35

All: 36.470+/-109.224 χ^2/NDF : 72.7/68

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 961.802 $\pm$ 0.330 χ^2 /NDF: 18415626.7/17

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

Left In: 4660.491 $\pm$ 0.950 χ^2 /NDF: 981765.7/15

Left: 1361.075 $\pm$ 0.312 χ^2 /NDF: 32926532.0/33

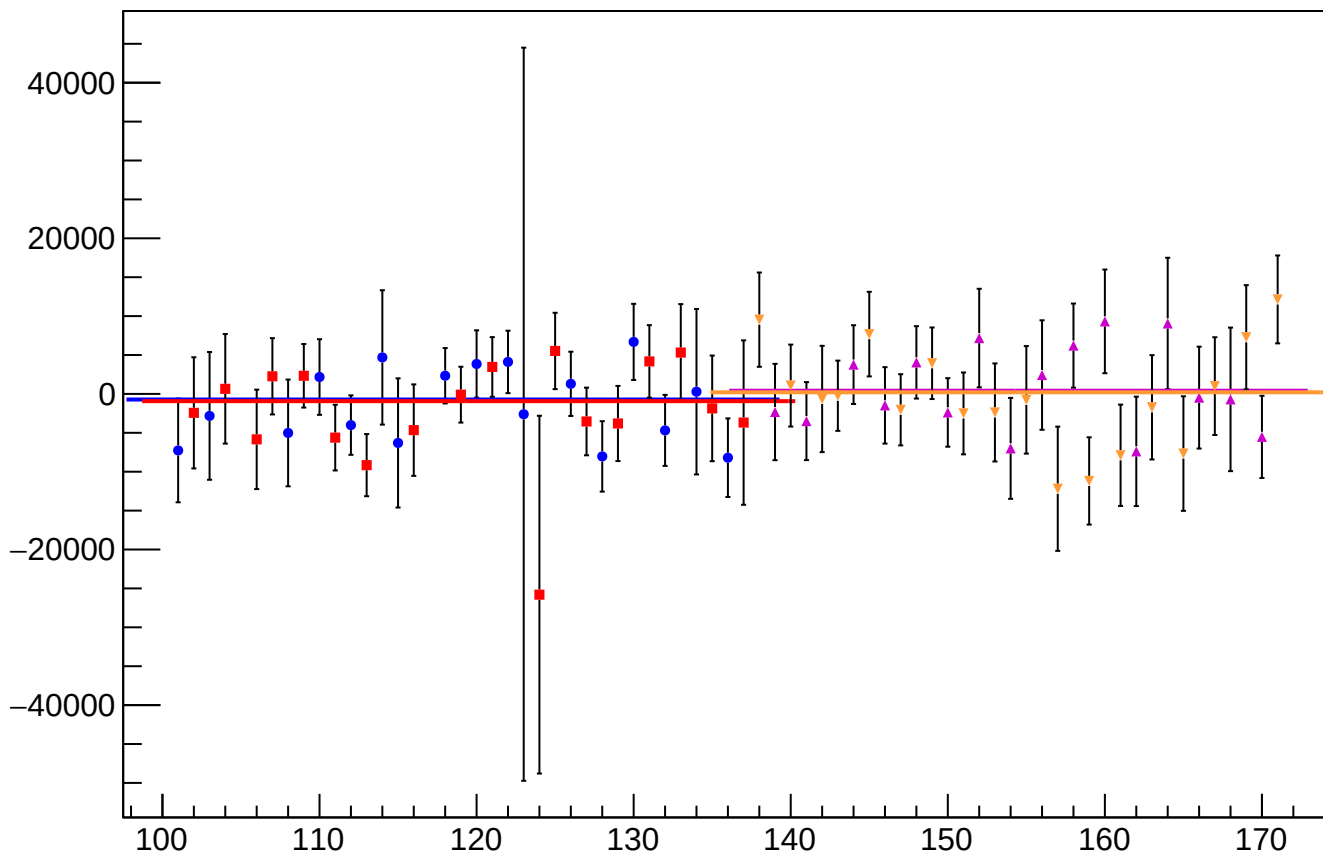
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2100.377 $\pm$ 0.449 χ^2 /NDF: 16577033.0/32

Out: 126.665 $\pm$ 0.078 χ^2 /NDF: 38300782.9/35

All: 185.023 $\pm$ 0.077 χ^2 /NDF: 73616533.5/68

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 409.923 ± 1451.251 $\chi^2/\text{NDF}: 11.4/15$

Left: 302.558 ± 994.835 $\chi^2/\text{NDF}: 32.0/33$

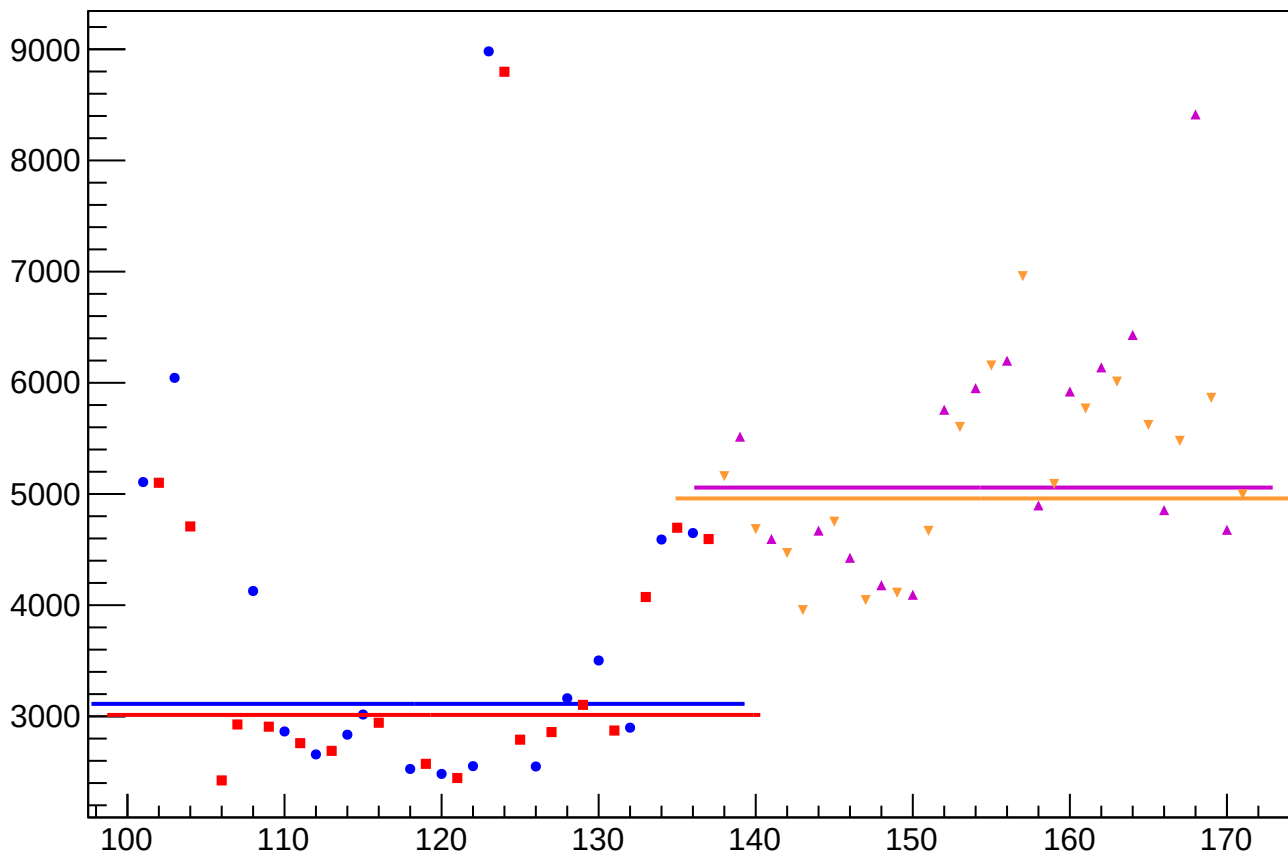
Right: -831.583 ± 864.407 $\chi^2/\text{NDF}: 29.7/34$

In: -238.494 ± 948.205 $\chi^2/\text{NDF}: 26.5/32$

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

All: -343.684 ± 652.503 $\chi^2/\text{NDF}: 62.4/68$

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 5057.680 $\pm$ 1.026 χ^2 /NDF: 767308.4/15

Left: 5005.925 $\pm$ 0.703 χ^2 /NDF: 1399439.6/33

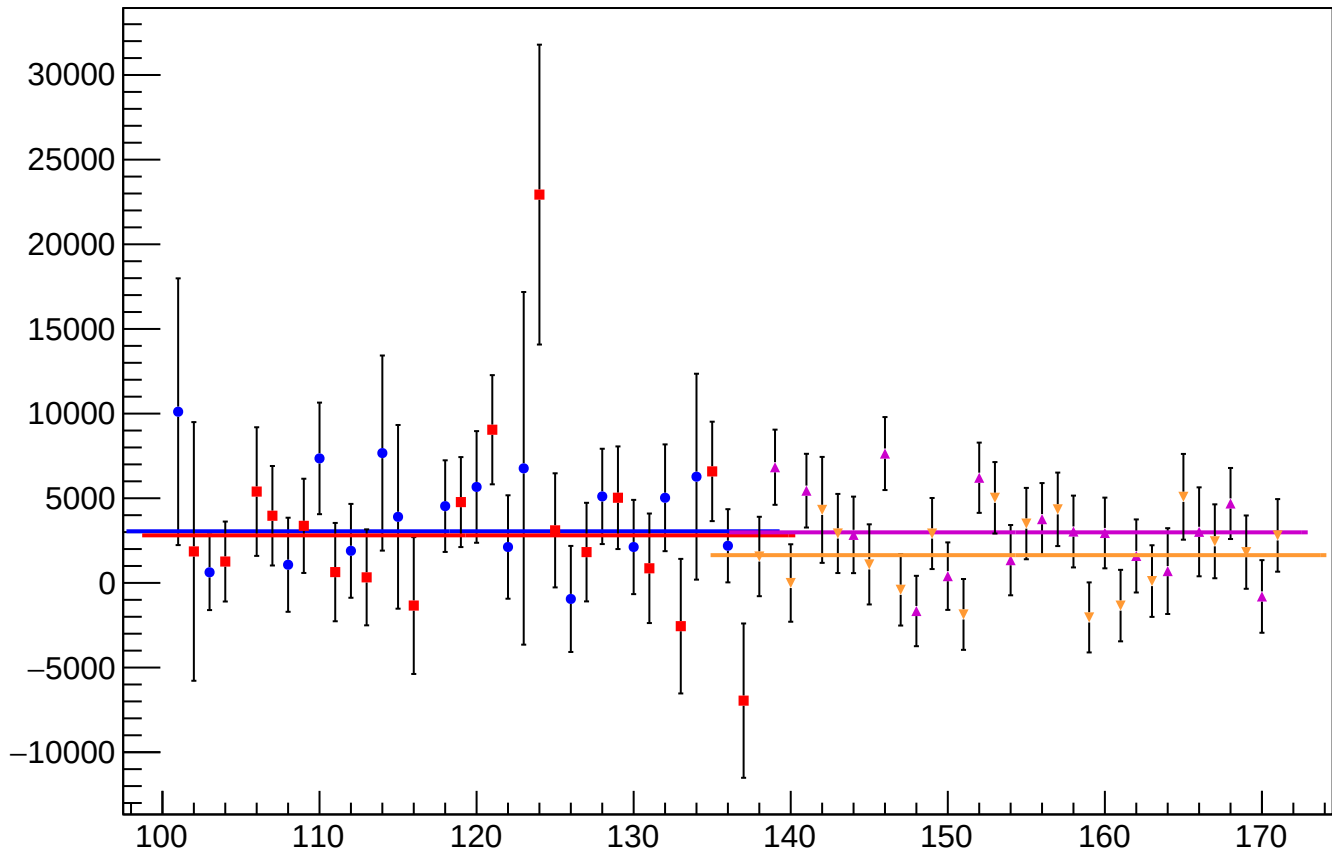
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 3942.726 $\pm$ 0.670 χ^2 /NDF: 3785589.8/32

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

All: 3890.513 $\pm$ 0.460 χ^2 /NDF: 7526190.7/68

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1639.246+/-522.976 χ^2/NDF : 18.6/17

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

Left In: 2986.386+/-541.997 χ^2/NDF : 23.8/15

Left: 2288.762+/-376.345 χ^2/NDF : 45.6/33

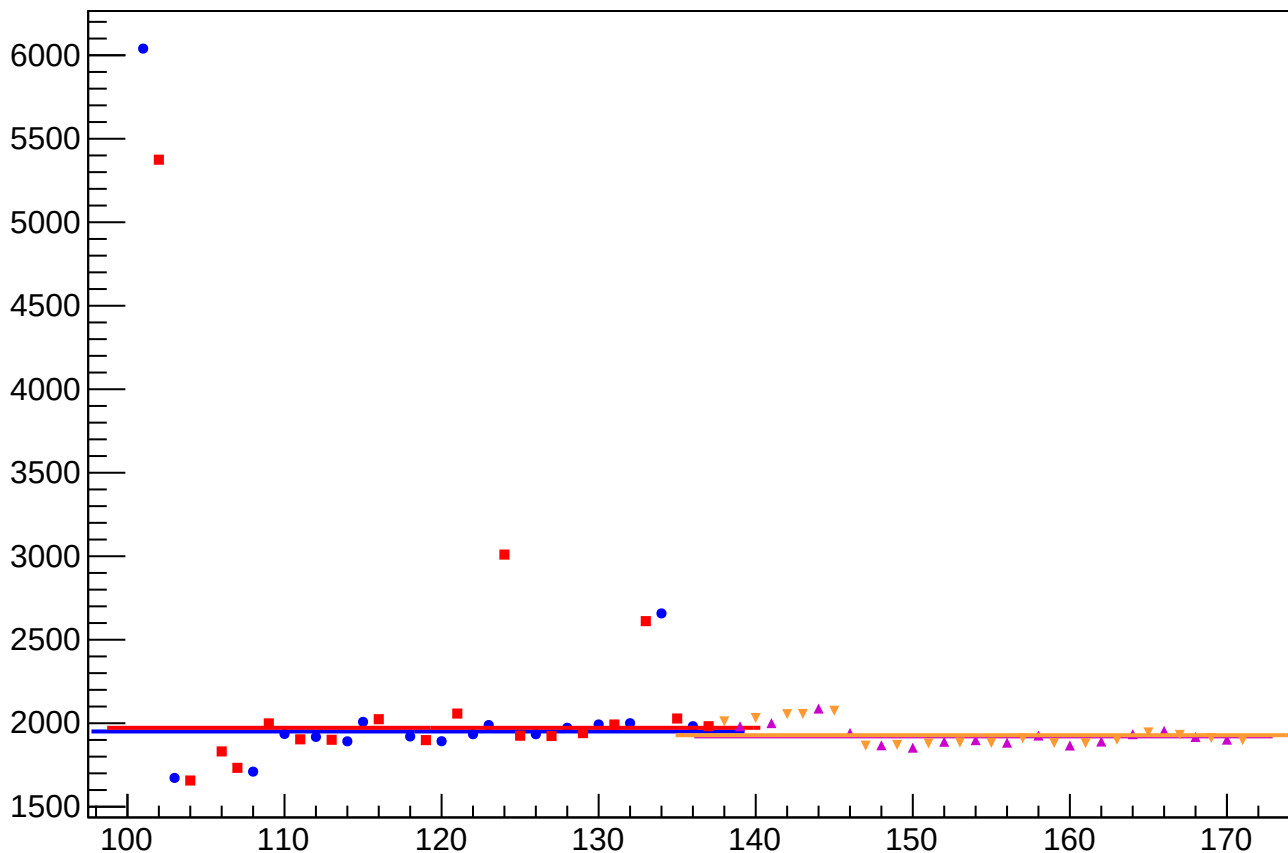
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3007.074+/-443.651 χ^2/NDF : 33.1/32

Out: 2011.044+/-431.950 χ^2/NDF : 42.2/35

All: 2495.752+/-309.489 χ^2/NDF : 77.9/68

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1921.291 $\pm$ 0.383 χ^2 /NDF: 22467.3/15

Left: 1924.909 $\pm$ 0.266 χ^2 /NDF: 55299.9/33

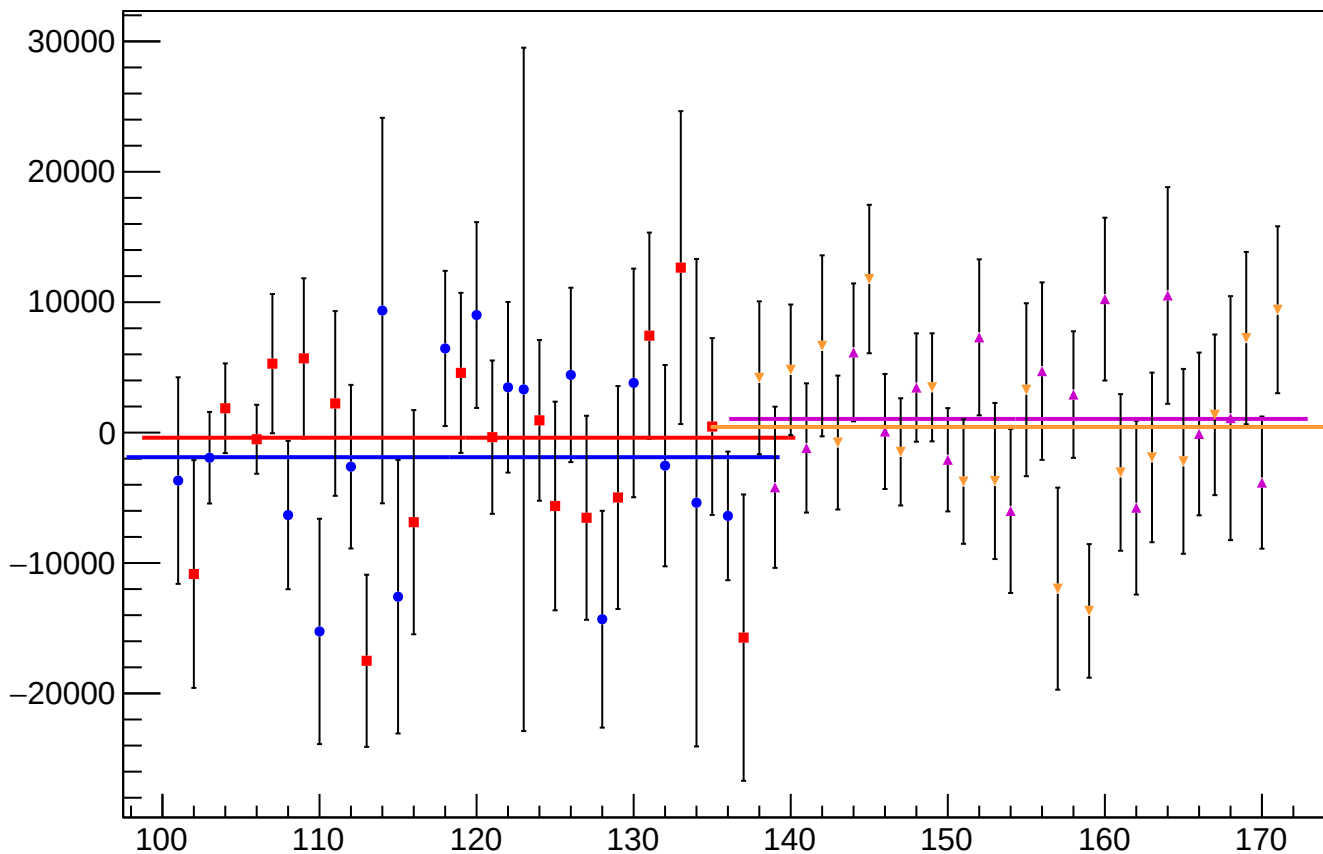
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1930.993 $\pm$ 0.314 χ^2 /NDF: 639574.5/32

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

All: 1936.858 $\pm$ 0.219 χ^2 /NDF: 1213181.1/68

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1049.080 $\pm$ 1371.371 χ^2/NDF : 11.1/15

Left: 729.400 $\pm$ 952.660 χ^2/NDF : 33.2/33

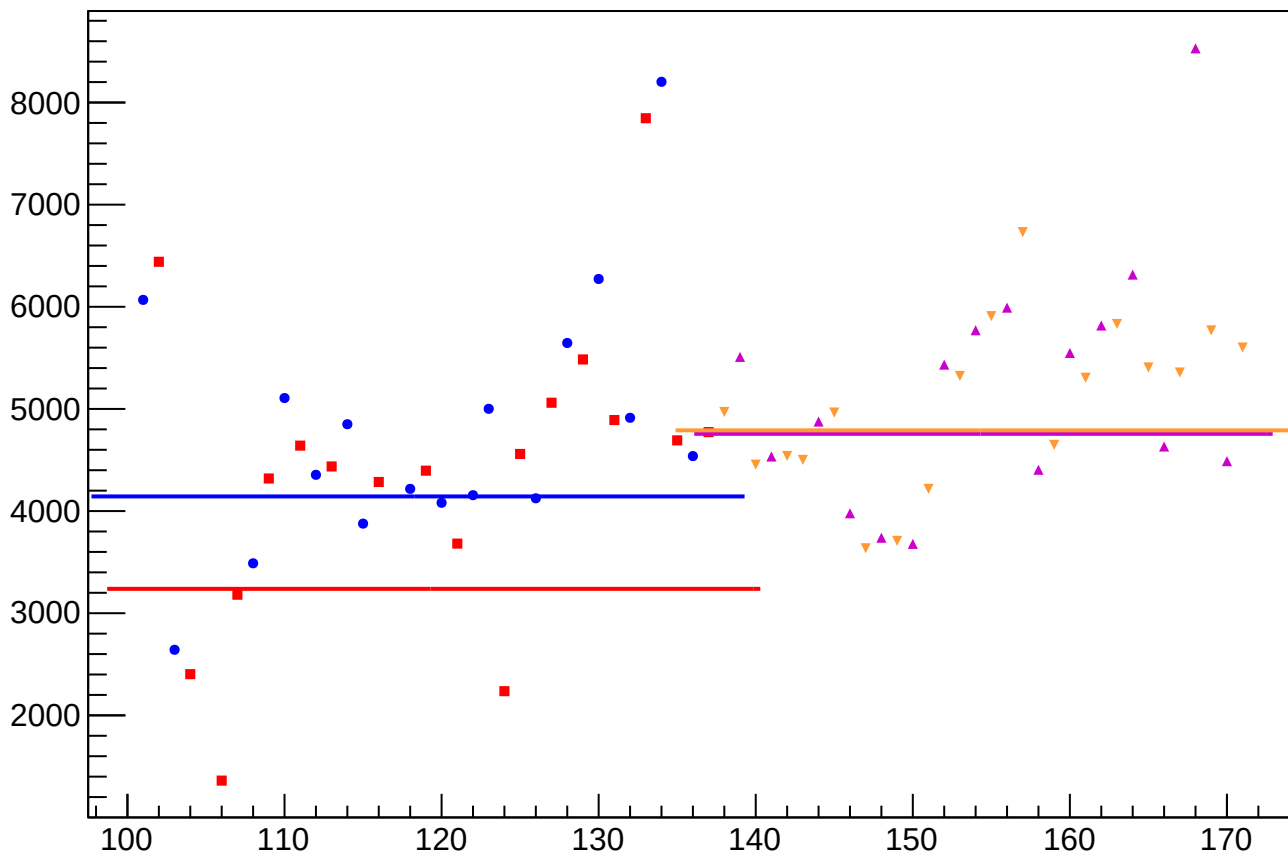
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -142.944 $\pm$ 1056.731 χ^2/NDF : 27.1/32

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

All: -46.514 $\pm$ 706.232 χ^2/NDF : 66.9/68

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4756.392+/-0.970 χ^2/NDF : 1004051.7/15

Left: 4773.944+/-0.674 χ^2/NDF : 1723106.5/33

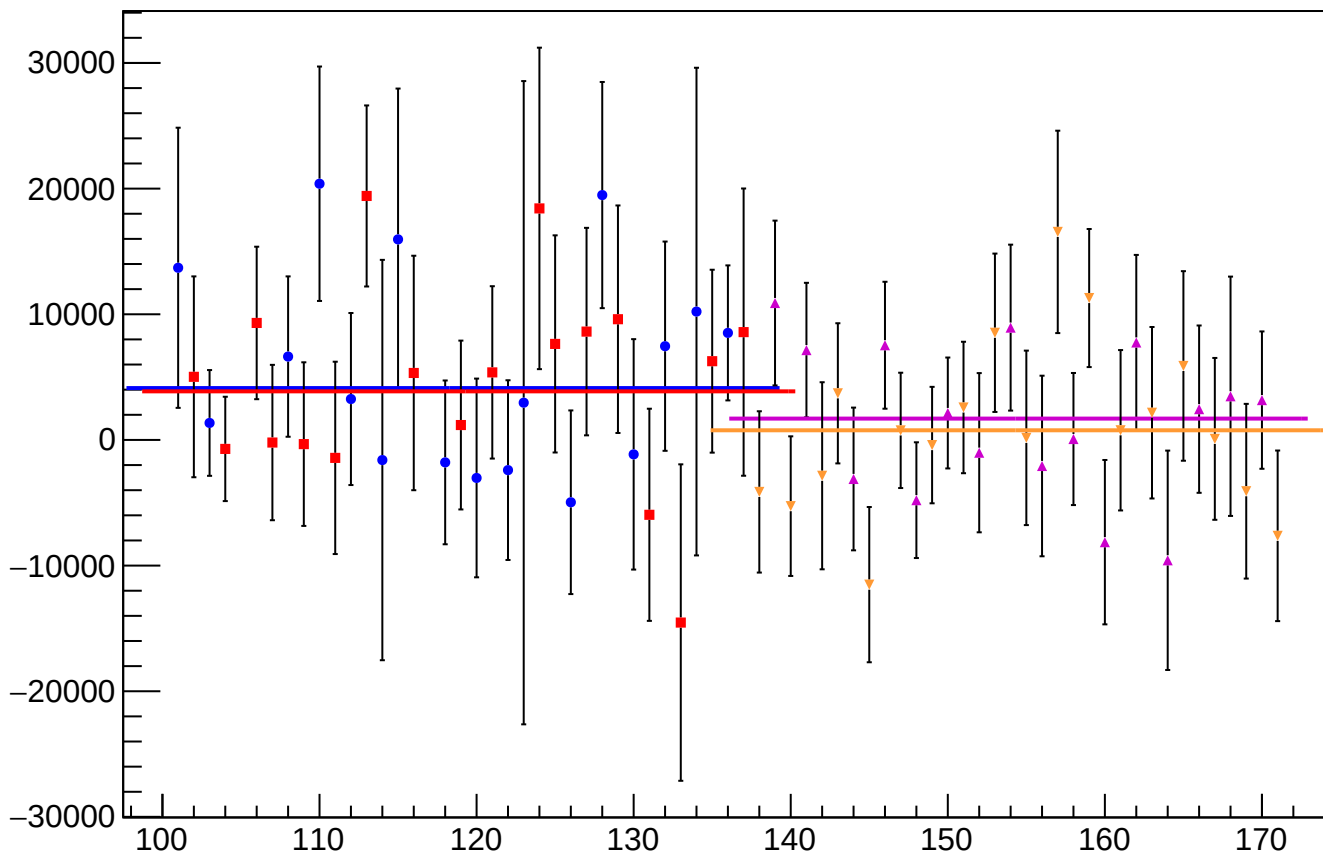
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4507.408+/-0.747 χ^2/NDF : 2022313.3/32

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

All: 4246.552+/-0.499 χ^2/NDF : 6877597.7/68

asym_atr_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1698.306 $\pm$ 1483.404 χ^2/NDF : 13.6/15

Left: 1216.220 $\pm$ 1029.914 χ^2/NDF : 31.8/33

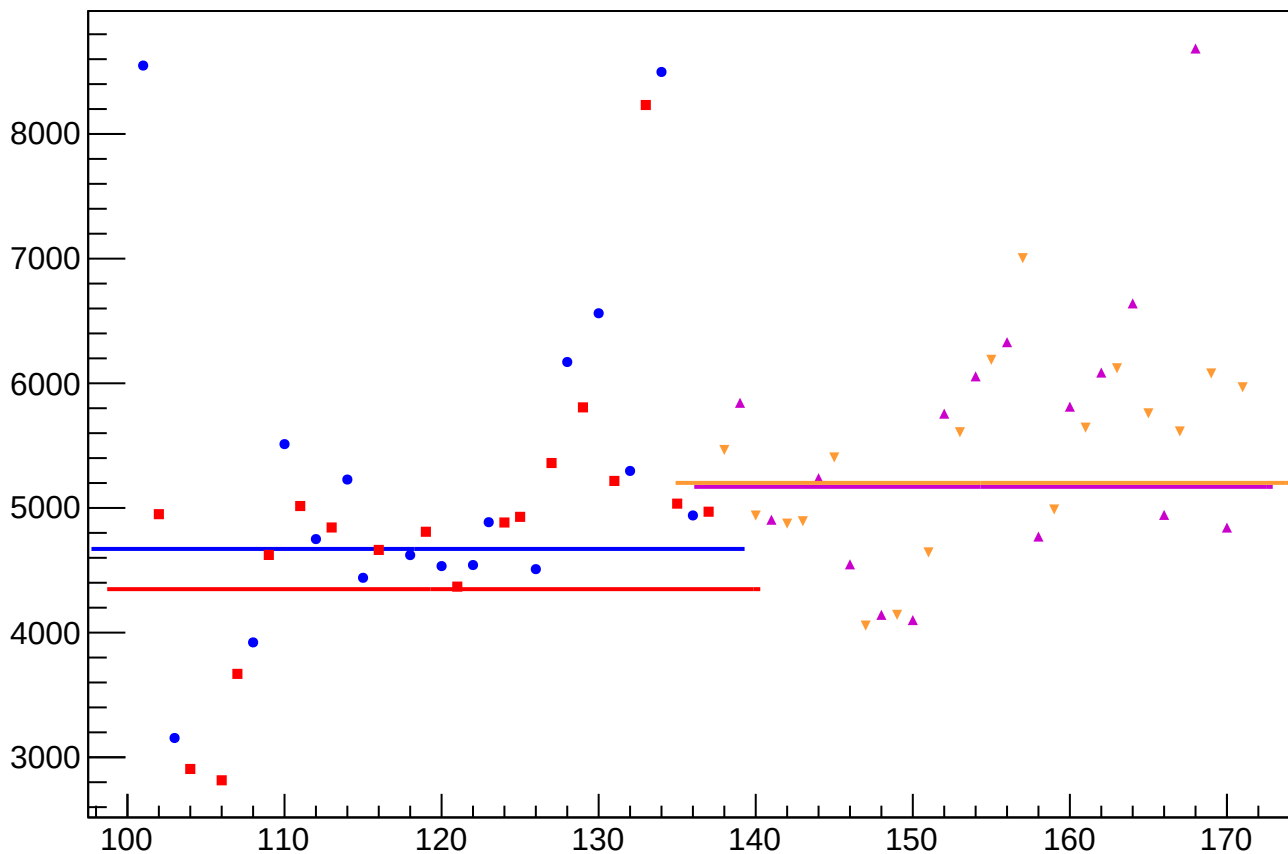
Right: 3986.746 $\pm$ 1266.737 χ^2/NDF : 27.9/34

In: 2640.476 $\pm$ 1160.482 χ^2/NDF : 28.3/32

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

All: 2318.802 $\pm$ 799.118 χ^2/NDF : 62.6/68

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5169.390 $\pm$ 1.049 χ^2 /NDF: 783086.9/15

Left: 5185.866 $\pm$ 0.728 χ^2 /NDF: 1329672.8/33

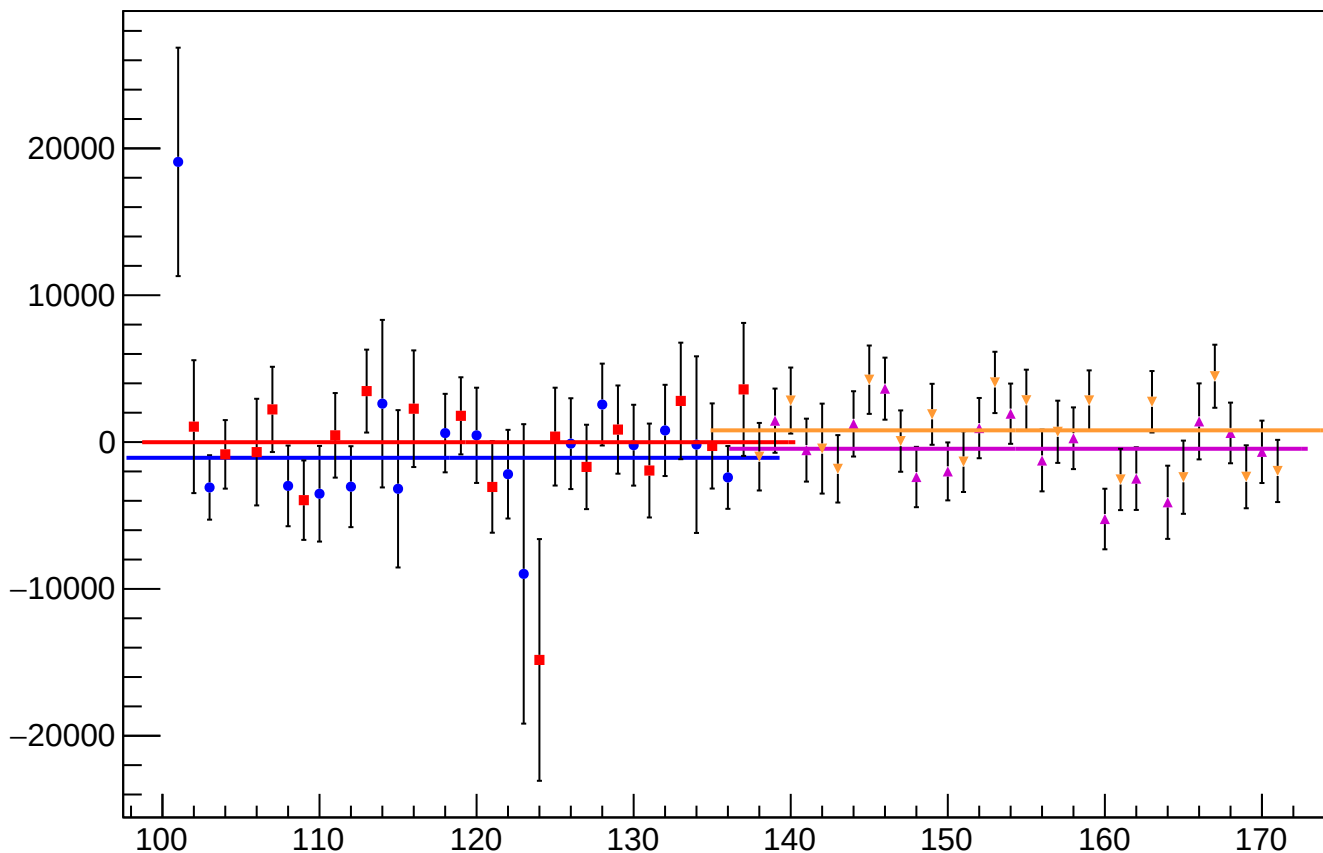
Right: 4496.923 $\pm$ 0.893 χ^2 /NDF: 1610954.9/34

In: 4976.143 $\pm$ 0.821 χ^2 /NDF: 1656680.1/32

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

All: 4910.654 $\pm$ 0.564 χ^2 /NDF: 3298129.0/68

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 798.880 ± 515.703 $\chi^2/\text{NDF}: 22.8/17$

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

Left In: -456.083 ± 534.847 $\chi^2/\text{NDF}: 17.9/15$

Left: 194.260 ± 371.240 $\chi^2/\text{NDF}: 43.6/33$

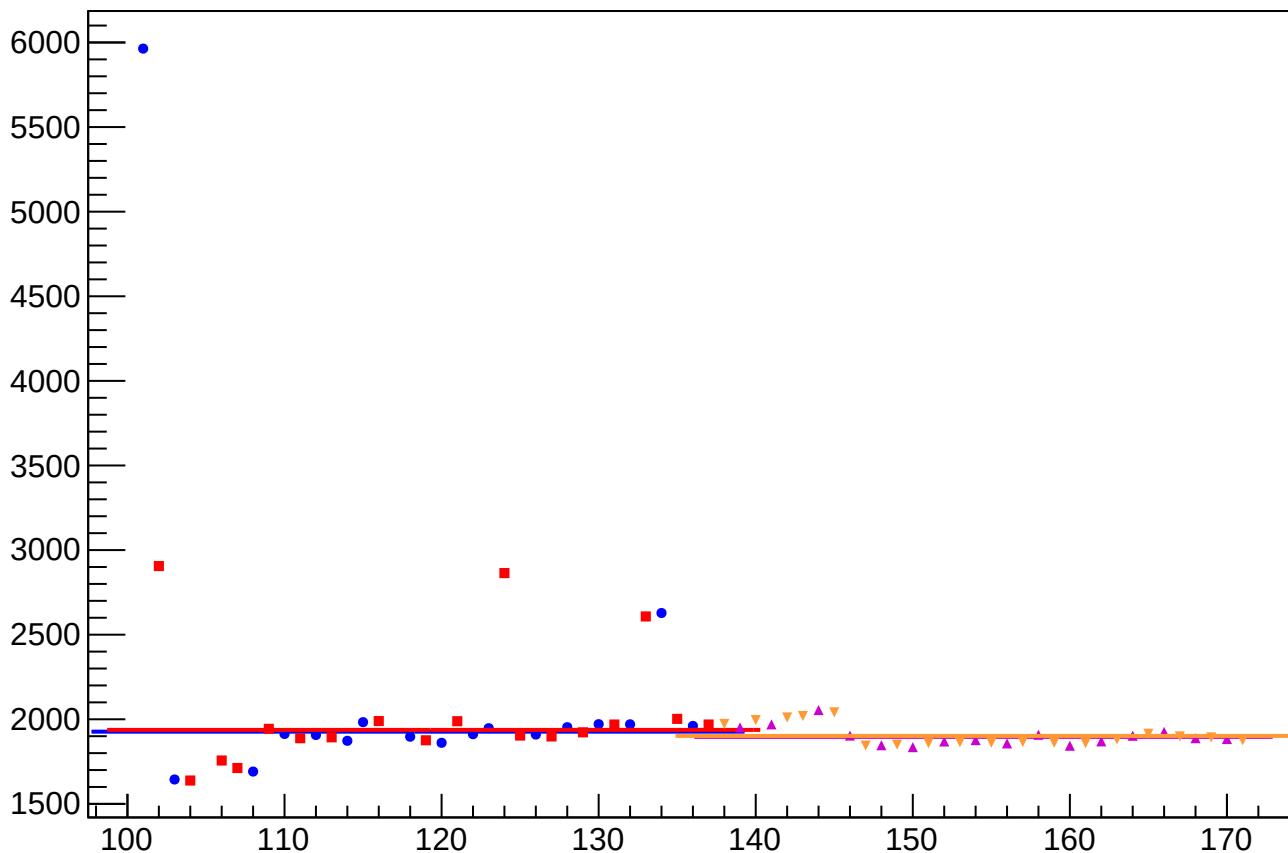
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -658.778 ± 437.956 $\chi^2/\text{NDF}: 32.0/32$

Out: 538.665 ± 424.592 $\chi^2/\text{NDF}: 35.1/35$

All: -41.508 ± 304.847 $\chi^2/\text{NDF}: 71.0/68$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1896.098+/-0.378 χ^2/NDF : 20161.6/15

Left: 1898.994+/-0.263 χ^2/NDF : 48428.8/33

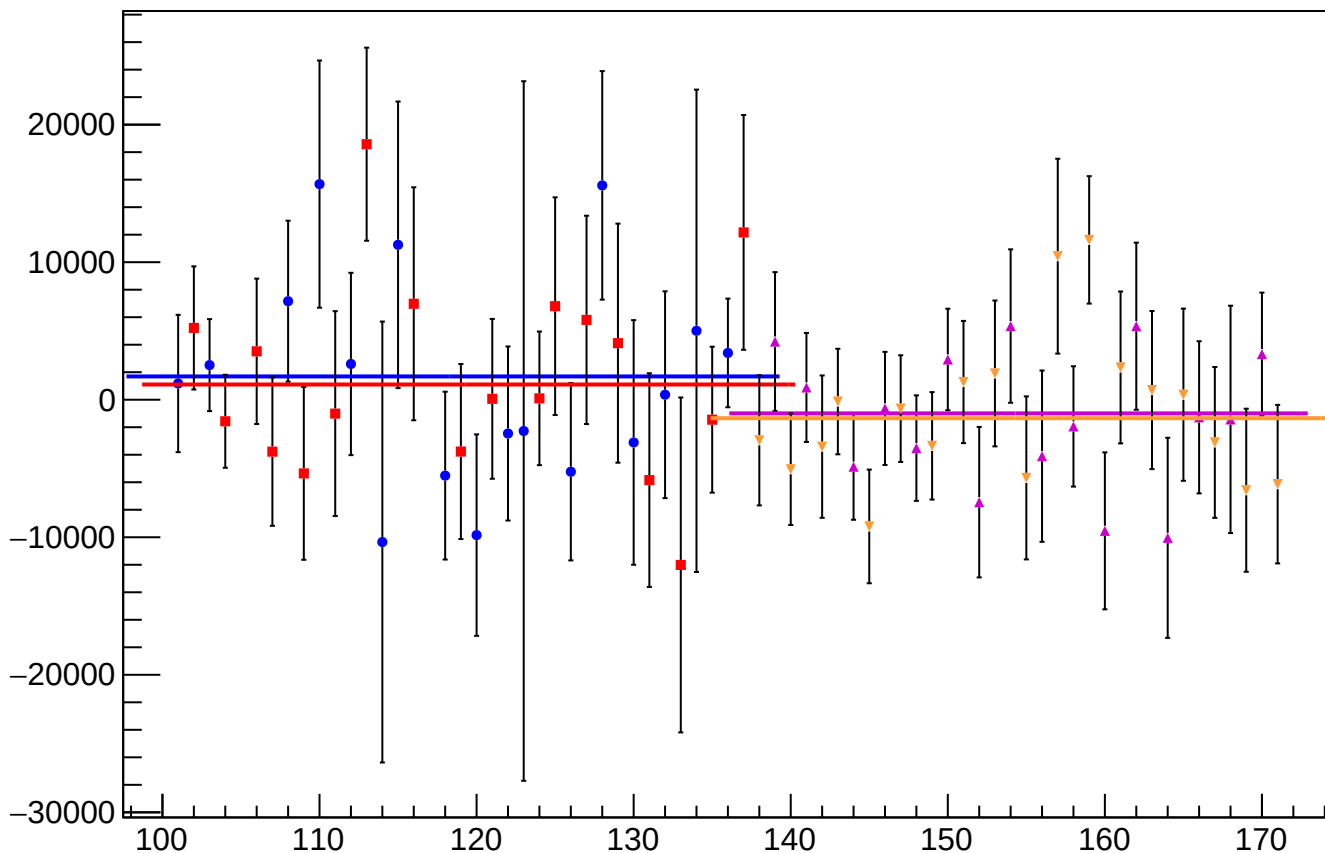
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1906.244+/-0.310 χ^2/NDF : 639462.1/32

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

All: 1909.812+/-0.216 χ^2/NDF : 900025.3/68

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -993.332+/-1205.393 χ^2/NDF : 12.7/15

Left: -1177.048+/-830.093 χ^2/NDF : 31.9/33

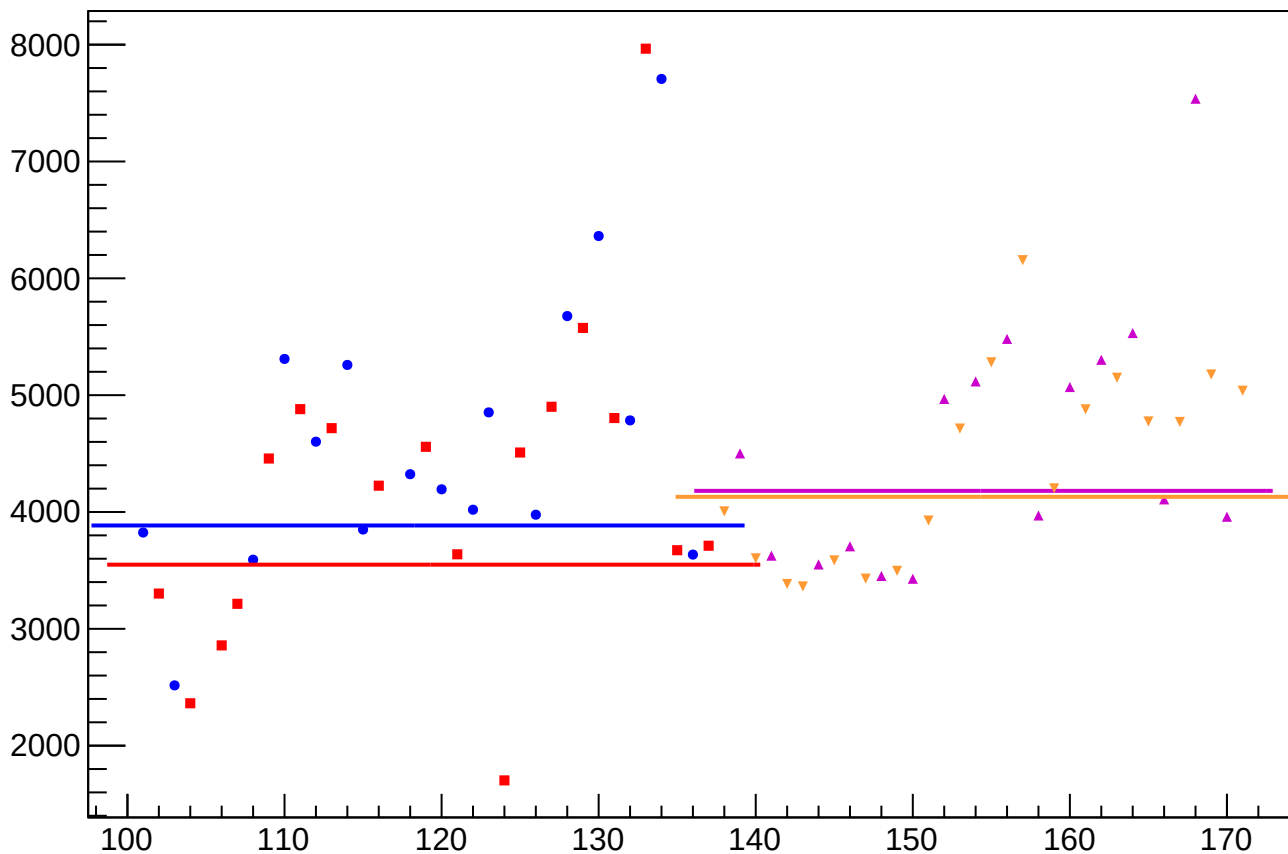
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 17.823+/-951.977 χ^2/NDF : 28.2/32

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

All: -189.959+/-649.909 χ^2/NDF : 65.2/68

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4129.771 $\pm$ 0.810 χ^2 /NDF: 837220.6/17

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

Left In: 4180.909 $\pm$ 0.852 χ^2 /NDF: 992794.0/15

Left: 4154.023 $\pm$ 0.587 χ^2 /NDF: 1831907.1/33

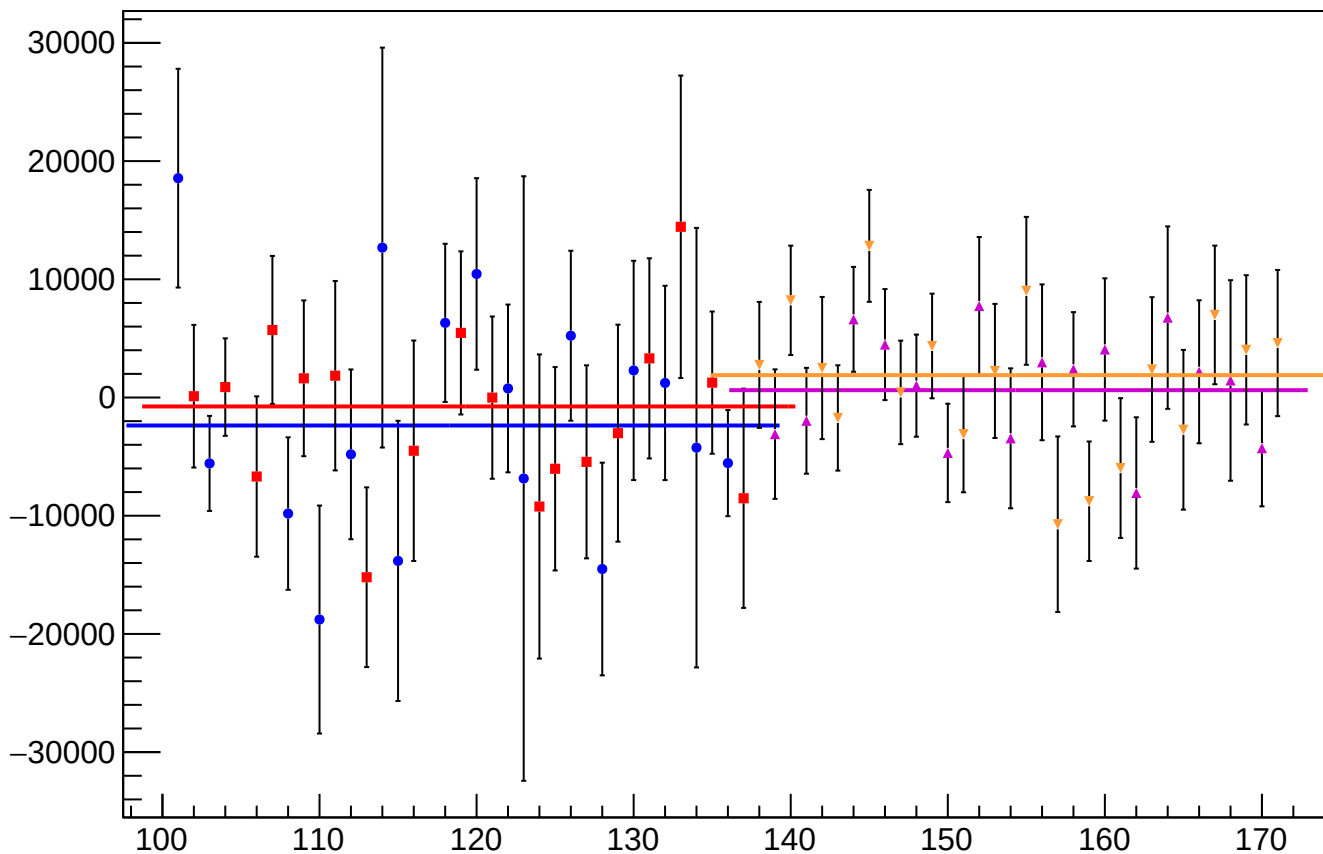
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4069.417 $\pm$ 0.673 χ^2 /NDF: 1864831.2/32

Out: 3899.612 $\pm$ 0.629 χ^2 /NDF: 2368106.7/35

All: 3978.753 $\pm$ 0.460 χ^2 /NDF: 4266913.4/68

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2367.526+/-1801.942 χ^2/NDF : 20.1/16

Left Out: 1892.500+/-1269.451 χ^2/NDF :21.3/17

Right Out: -755.757+/-1693.103 χ^2/NDF : 10.5/17

Left In: 621.220+/-1329.482 χ^2/NDF :11.0/15

Left: 1286.209+/-918.127 χ^2/NDF : 32.8/33

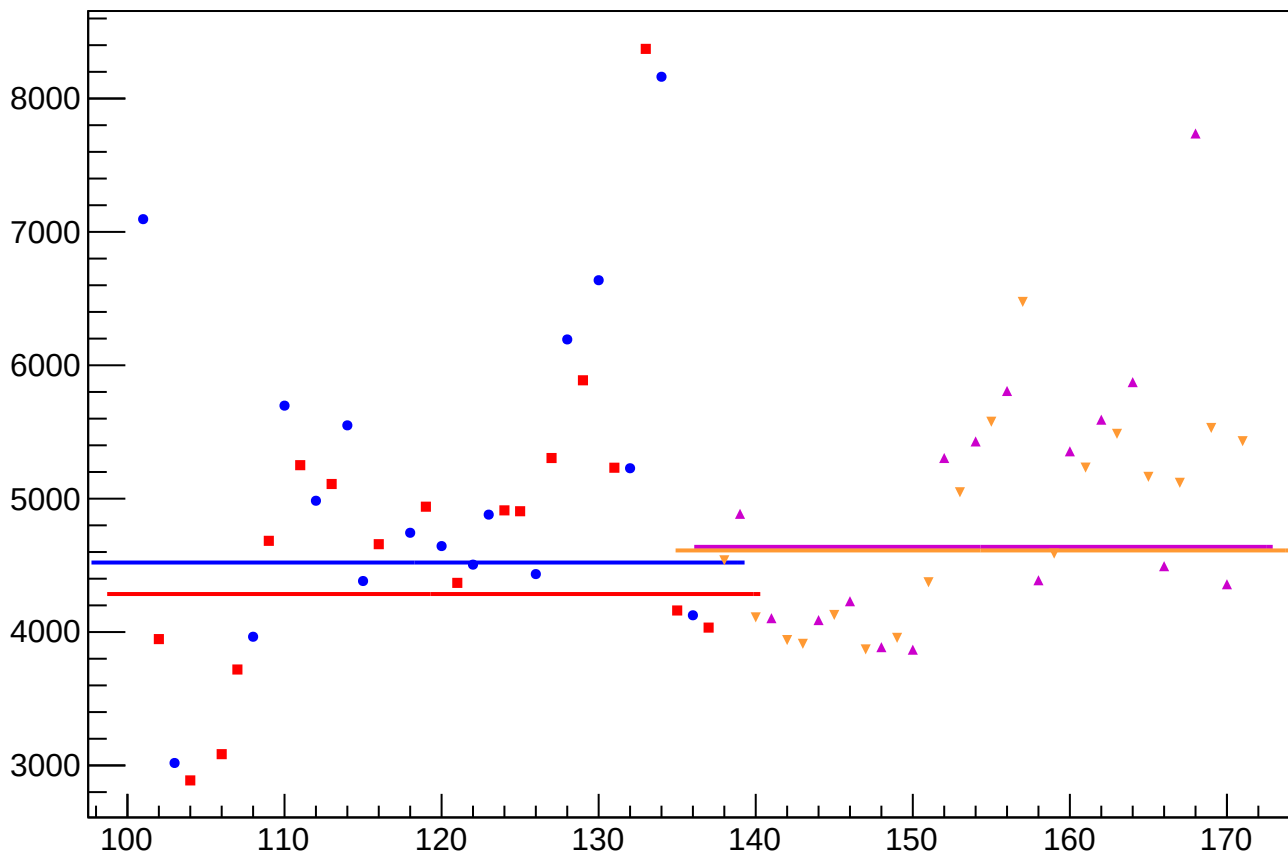
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -432.256+/-1069.815 χ^2/NDF :32.9/32

Out: 939.489+/-1015.669 χ^2/NDF :33.4/35

All: 289.207+/-736.585 χ^2/NDF : 67.2/68

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4638.721 $\pm$ 0.940 χ^2/NDF : 735979.9/15

Left: 4624.642 $\pm$ 0.649 χ^2/NDF : 1315445.8/33

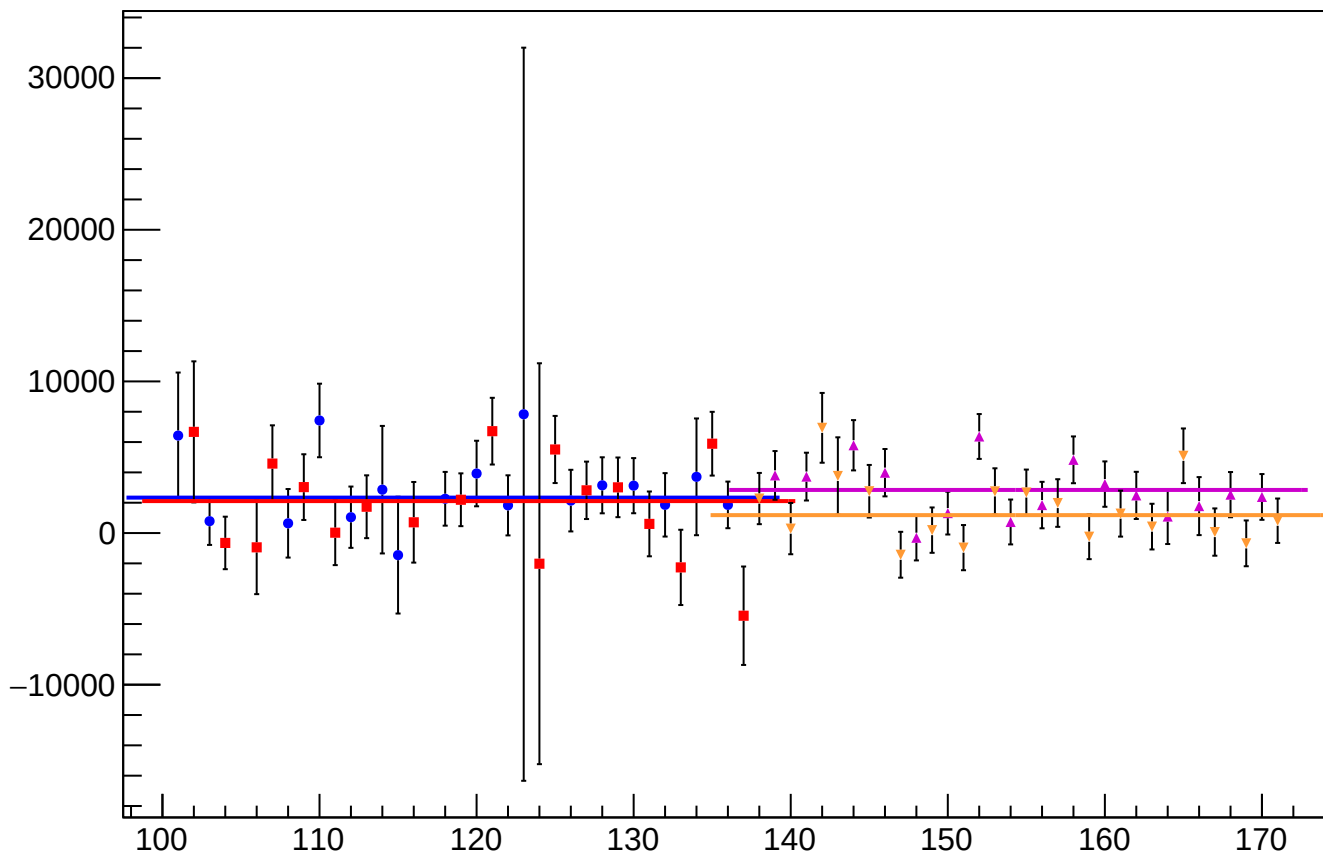
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4597.307 $\pm$ 0.756 χ^2/NDF : 1520160.6/32

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

All: 4542.544 $\pm$ 0.520 χ^2/NDF : 2903564.4/68

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2842.793 $\pm$ 389.193 χ^2 /NDF:21.3/15

Left: 1991.448 $\pm$ 271.729 χ^2 /NDF: 55.2/33

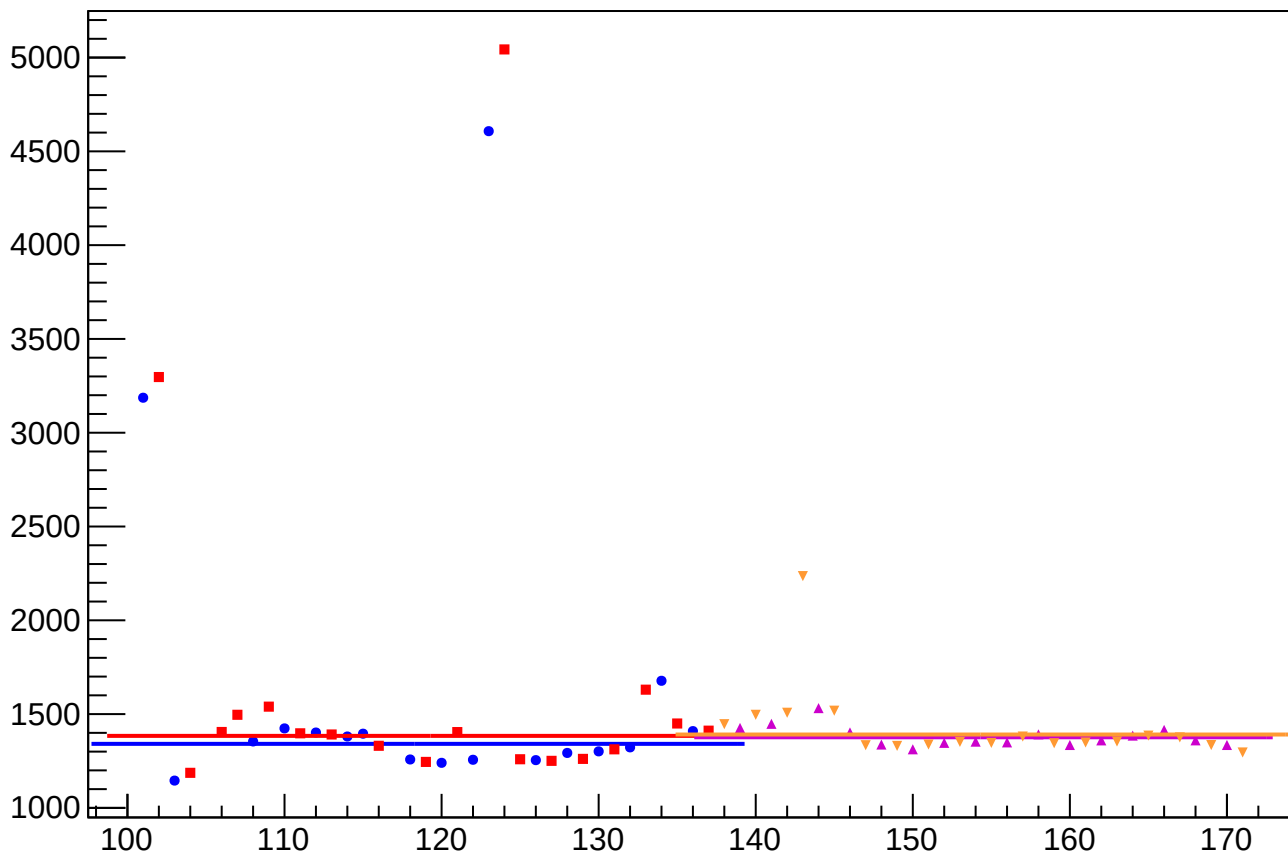
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2666.082 $\pm$ 313.933 χ^2 /NDF:31.5/32

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

All: 2070.486 $\pm$ 220.742 χ^2 /NDF: 91.5/68

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1376.425+/-0.275 χ^2/NDF : 36142.8/15

Left: 1383.953+/-0.192 χ^2/NDF : 310992.9/33

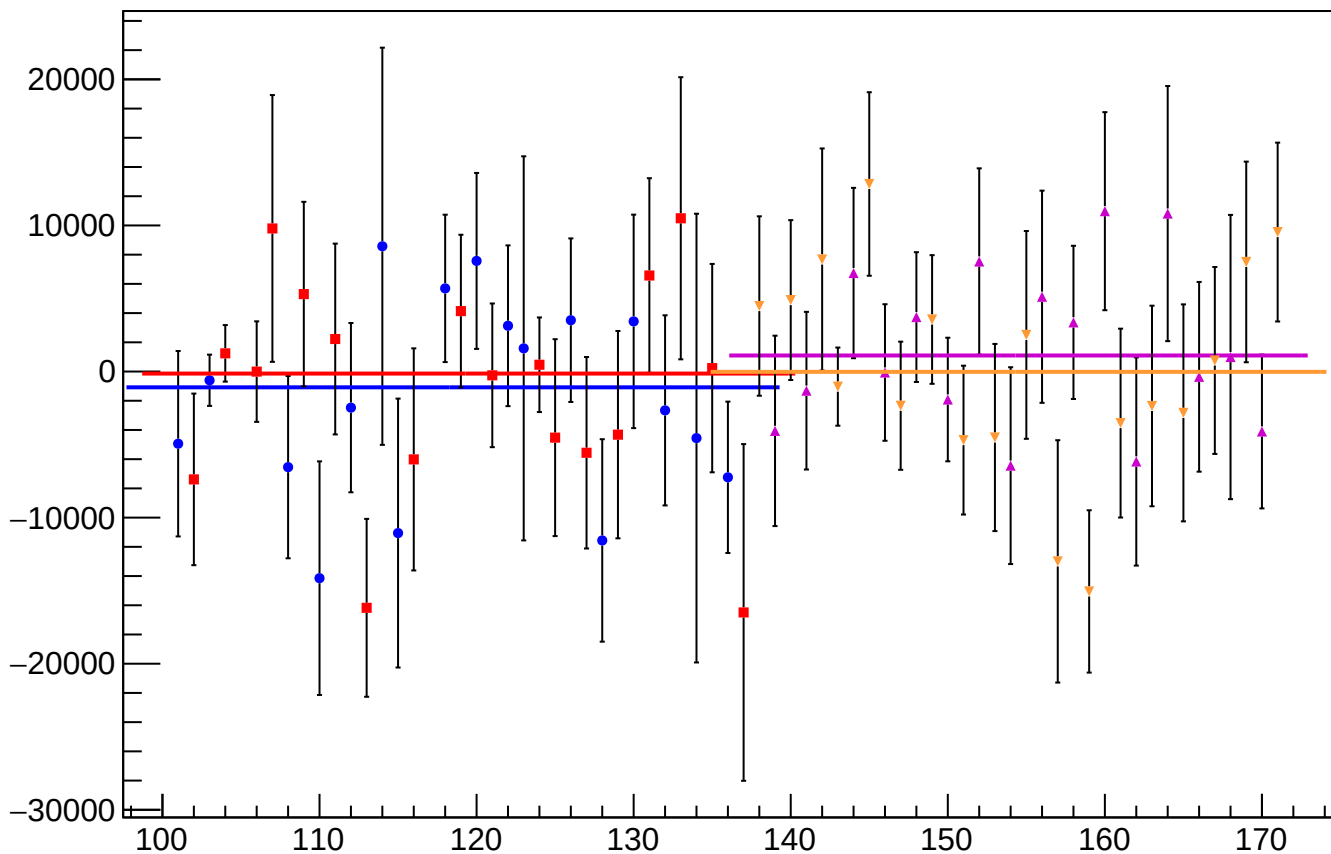
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1364.180+/-0.222 χ^2/NDF : 546082.0/32

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

All: 1376.594+/-0.156 χ^2/NDF : 1419741.3/68

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 1098.229 $\pm$ 1464.035 χ^2 /NDF:10.9/15

Left: 462.916 $\pm$ 963.285 χ^2 /NDF: 34.3/33

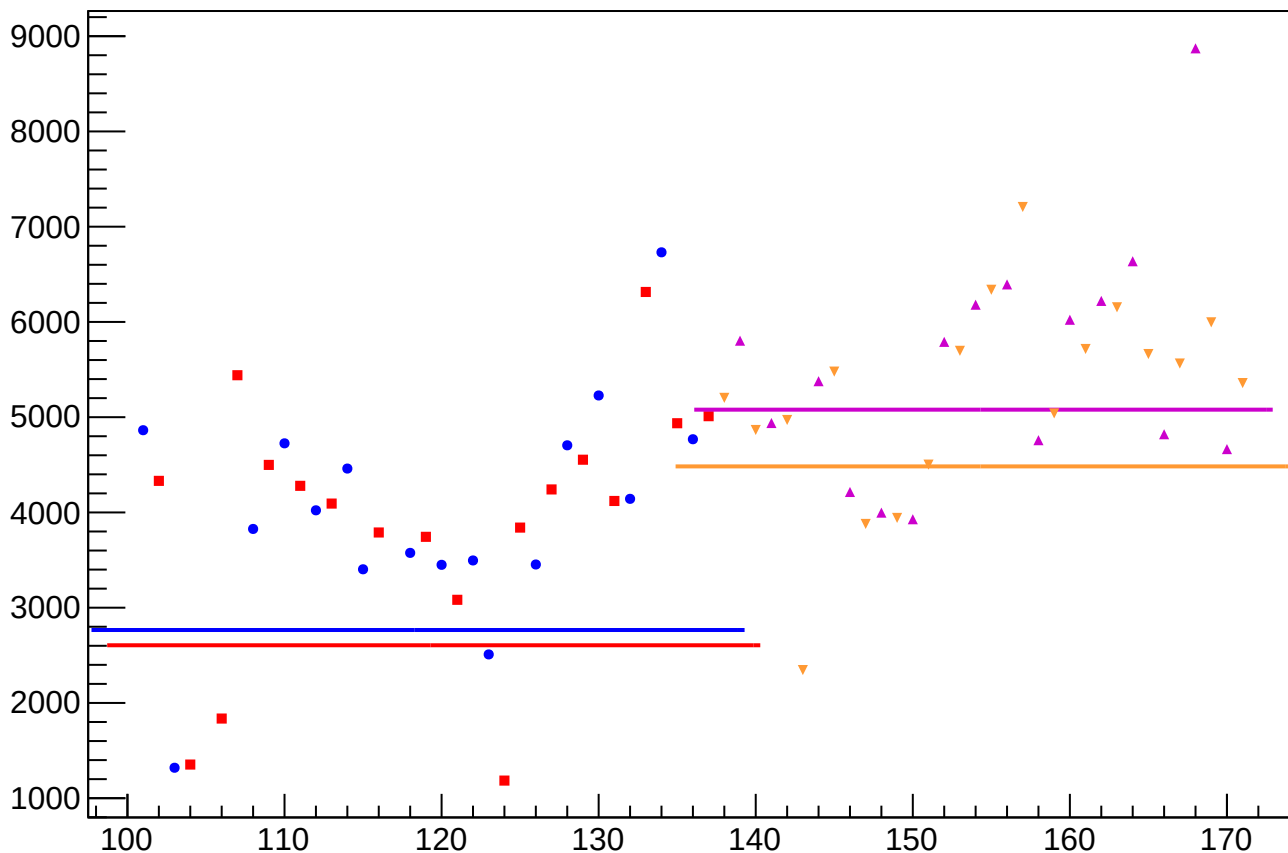
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -194.517 $\pm$ 933.772 χ^2 /NDF:27.2/32

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

All: -135.892 $\pm$ 627.196 χ^2 /NDF: 68.3/68

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5078.997 $\pm$ 1.035 χ^2 /NDF: 990970.4/15

Left: 4741.204 $\pm$ 0.681 χ^2 /NDF: 3500662.7/33

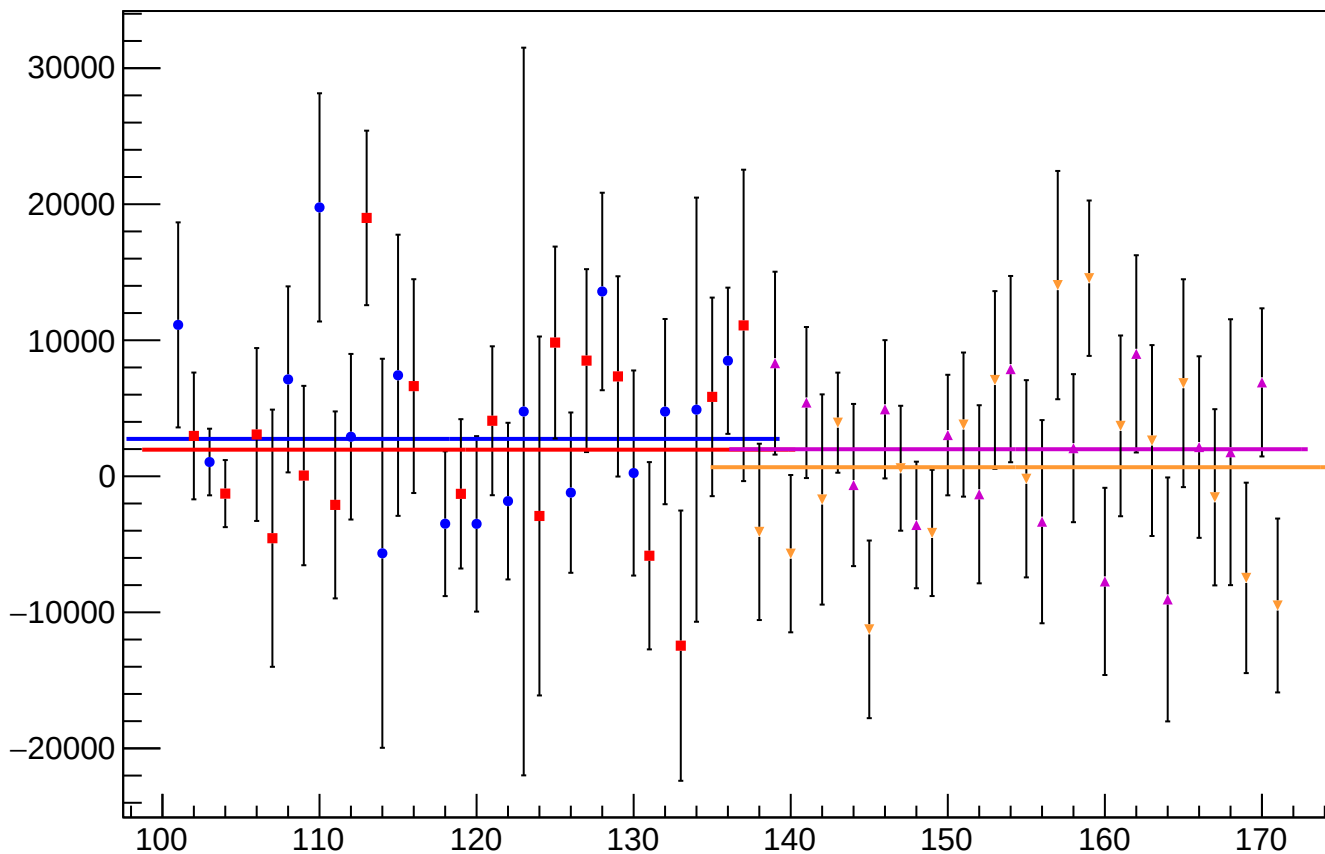
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3706.767 $\pm$ 0.660 χ^2 /NDF: 6892012.1/32

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

All: 3553.787 $\pm$ 0.443 χ^2 /NDF: 15056165.1/68

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1989.997 $\pm$ 1517.585 χ^2 /NDF:10.1/15

Left: 1273.359 $\pm$ 1027.224 χ^2 /NDF: 32.2/33

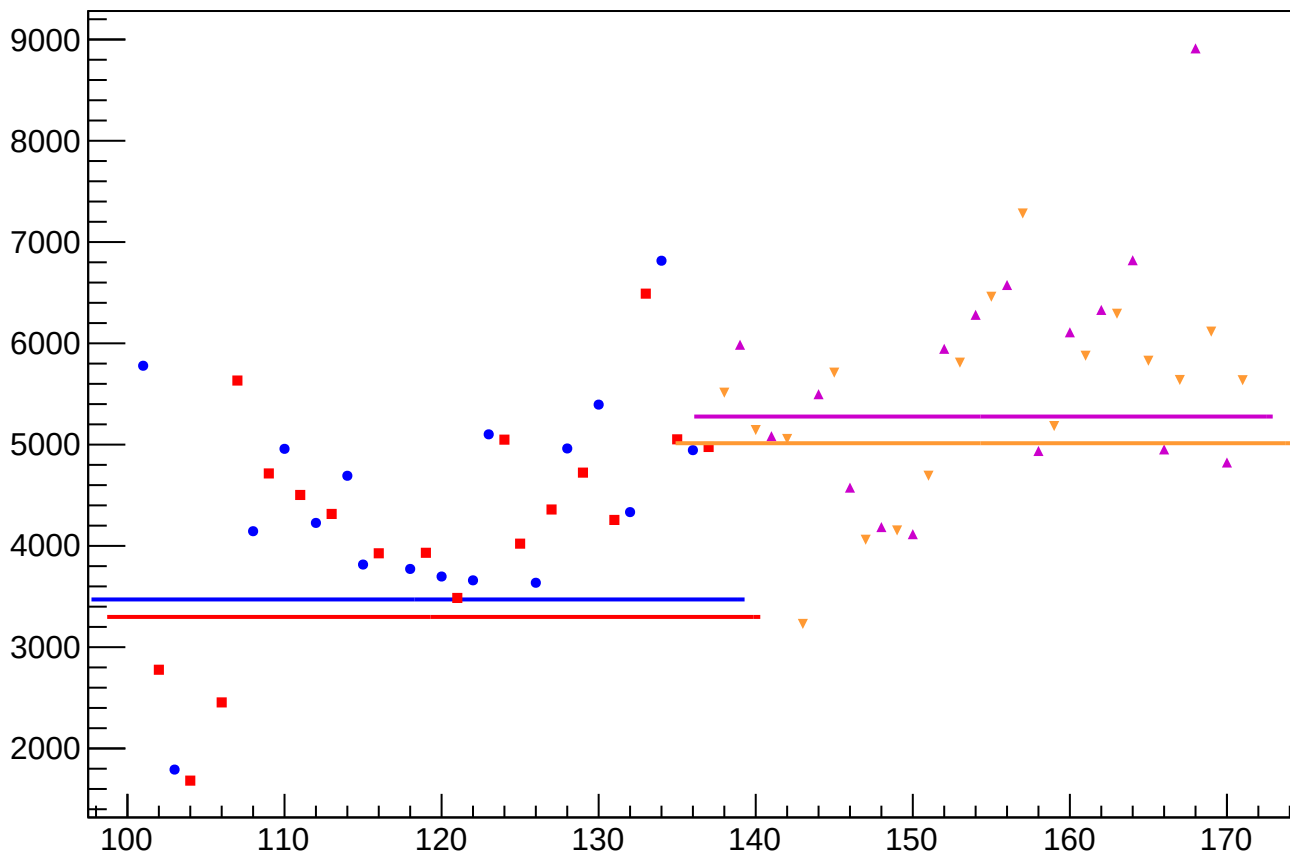
Right: 2334.662 $\pm$ 1000.160 χ^2 /NDF: 31.7/34

In: 2387.277 $\pm$ 1047.111 χ^2 /NDF:24.0/32

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

All: 1818.175 $\pm$ 716.597 χ^2 /NDF: 64.5/68

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5277.121+/-1.073 χ^2/NDF : 871284.4/15

Left: 5134.442+/-0.726 χ^2/NDF : 2039604.7/33

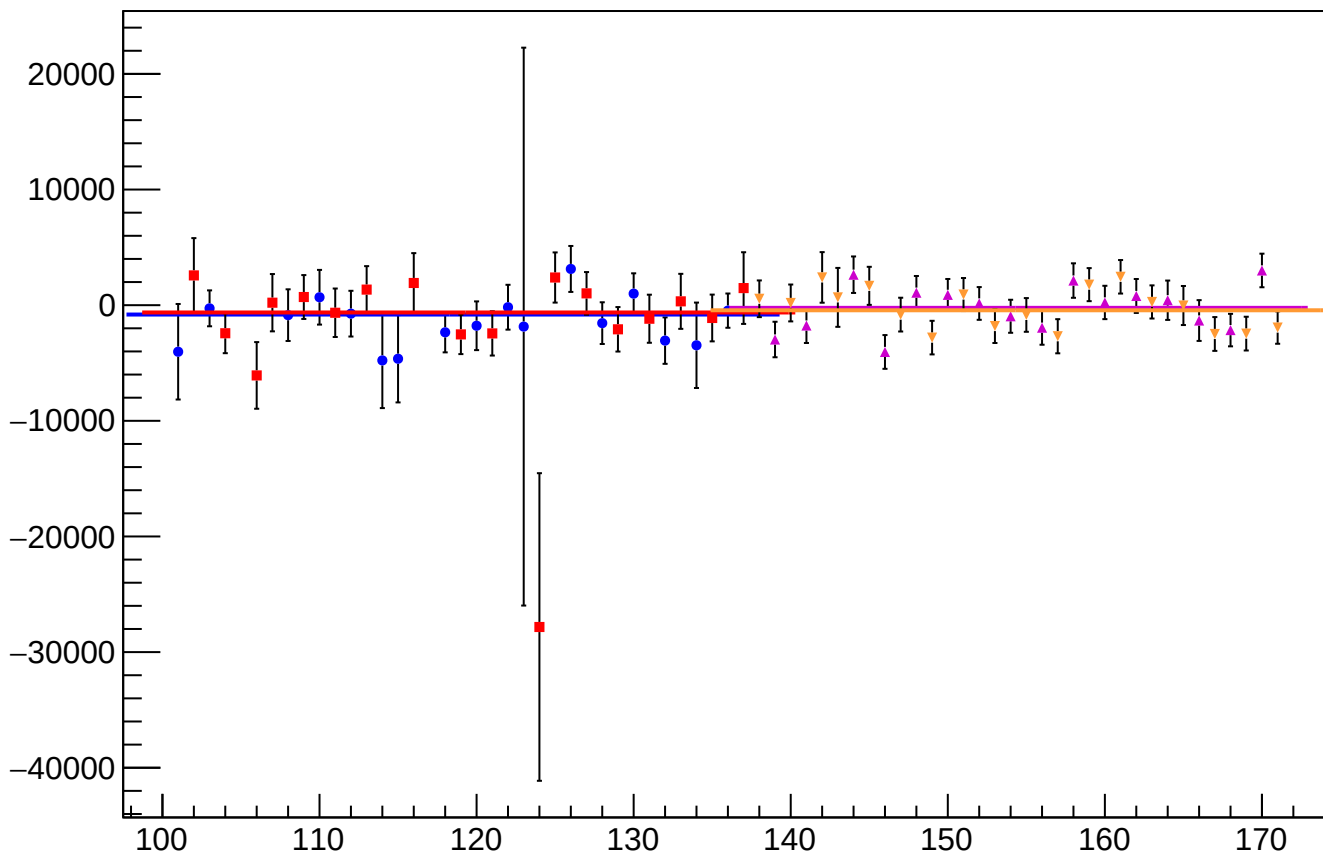
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4330.915+/-0.740 χ^2/NDF : 4123126.6/32

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

All: 4229.724+/-0.505 χ^2/NDF : 8716460.5/68

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: -440.539+/-362.678 χ^2/NDF : 22.7/17

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

Left In: -230.608+/-371.676 χ^2/NDF : 28.0/15

Left: -338.145+/-259.575 χ^2/NDF : 50.8/33

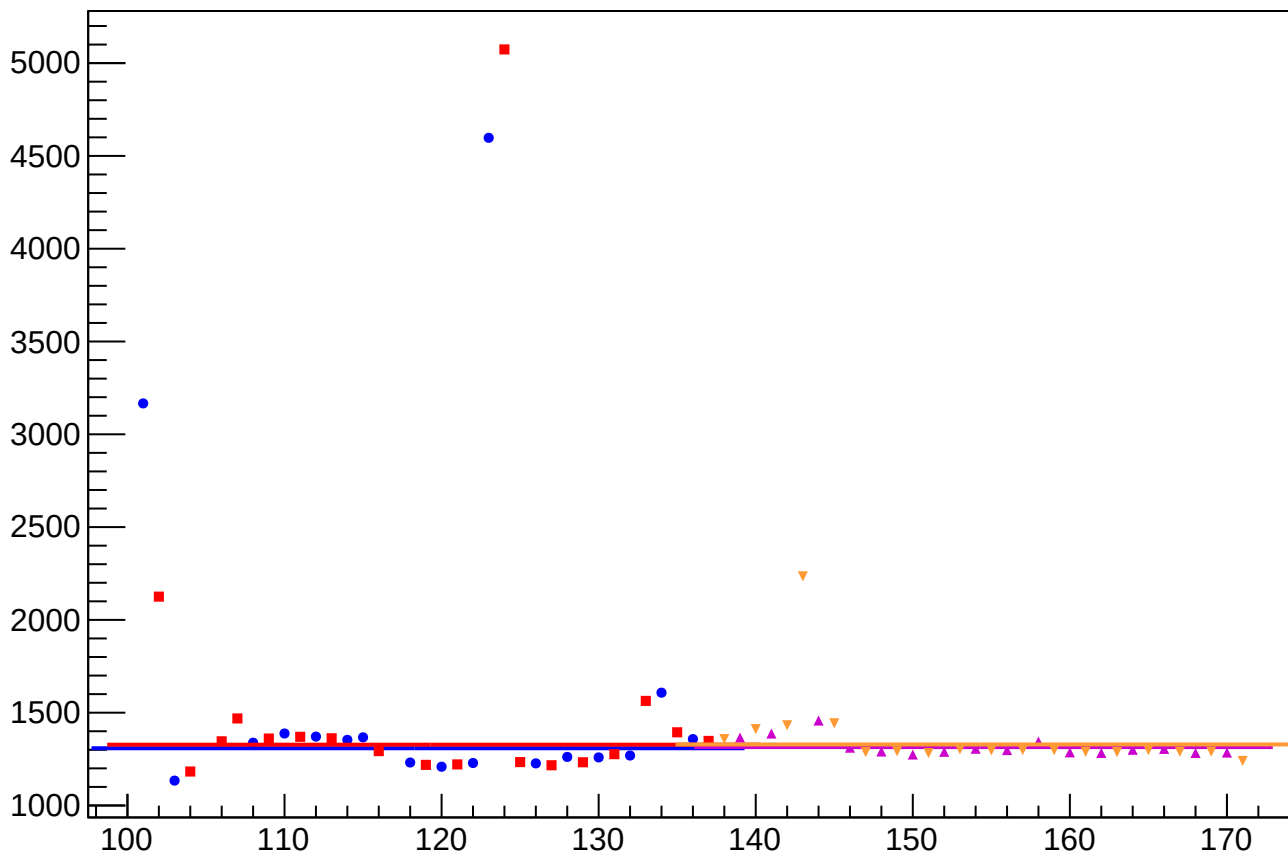
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -427.092+/-302.020 χ^2/NDF : 40.0/32

Out: -503.577+/-296.514 χ^2/NDF : 41.3/35

All: -466.038+/-211.587 χ^2/NDF : 81.4/68

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1314.675 $\pm$ 0.263 χ^2 /NDF: 31075.1/15

Left: 1321.914 $\pm$ 0.184 χ^2 /NDF: 328523.2/33

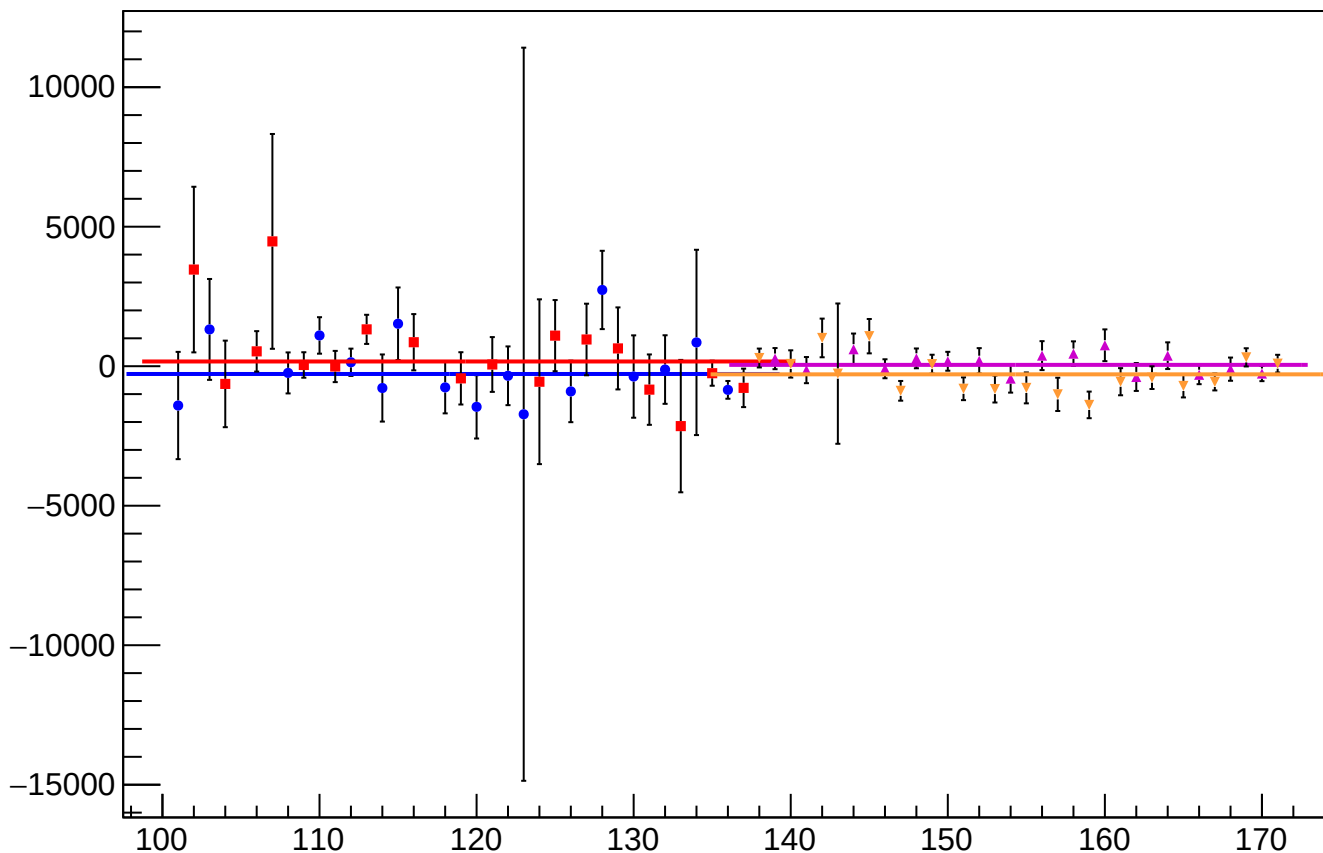
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1312.532 $\pm$ 0.214 χ^2 /NDF: 537815.9/32

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

All: 1320.623 $\pm$ 0.150 χ^2 /NDF: 1193939.3/68

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



Right In: -278.710 $\pm$ 198.123 χ^2 /NDF: 18.0/16

Left Out: -291.350 $\pm$ 99.160 χ^2 /NDF:33.4/17

Right Out: 169.608 $\pm$ 192.488 χ^2 /NDF: 14.4/17

Left In: 47.795 $\pm$ 101.414 χ^2 /NDF:9.8/15

Left: -125.587 $\pm$ 70.900 χ^2 /NDF: 49.0/33

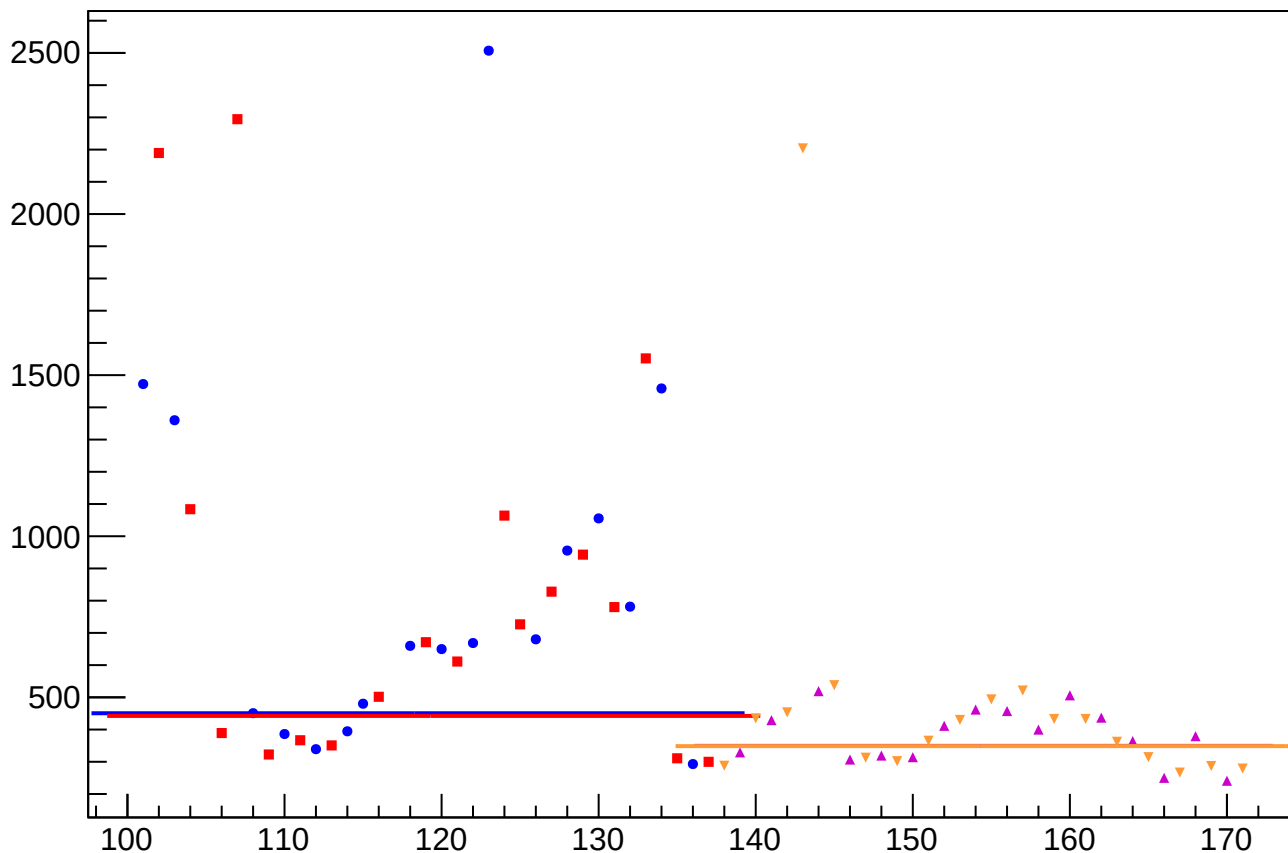
Right: -48.085 $\pm$ 138.058 χ^2 /NDF: 35.0/34

In: -19.993 $\pm$ 90.274 χ^2 /NDF:30.0/32

Out: -194.676 $\pm$ 88.151 χ^2 /NDF:52.3/35

All: -109.413 $\pm$ 63.069 χ^2 /NDF: 84.3/68

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 349.357 $\pm$ 0.072 χ^2 /NDF: 1278964.3/15

Left: 348.931 $\pm$ 0.050 χ^2 /NDF: 3605045.3/33

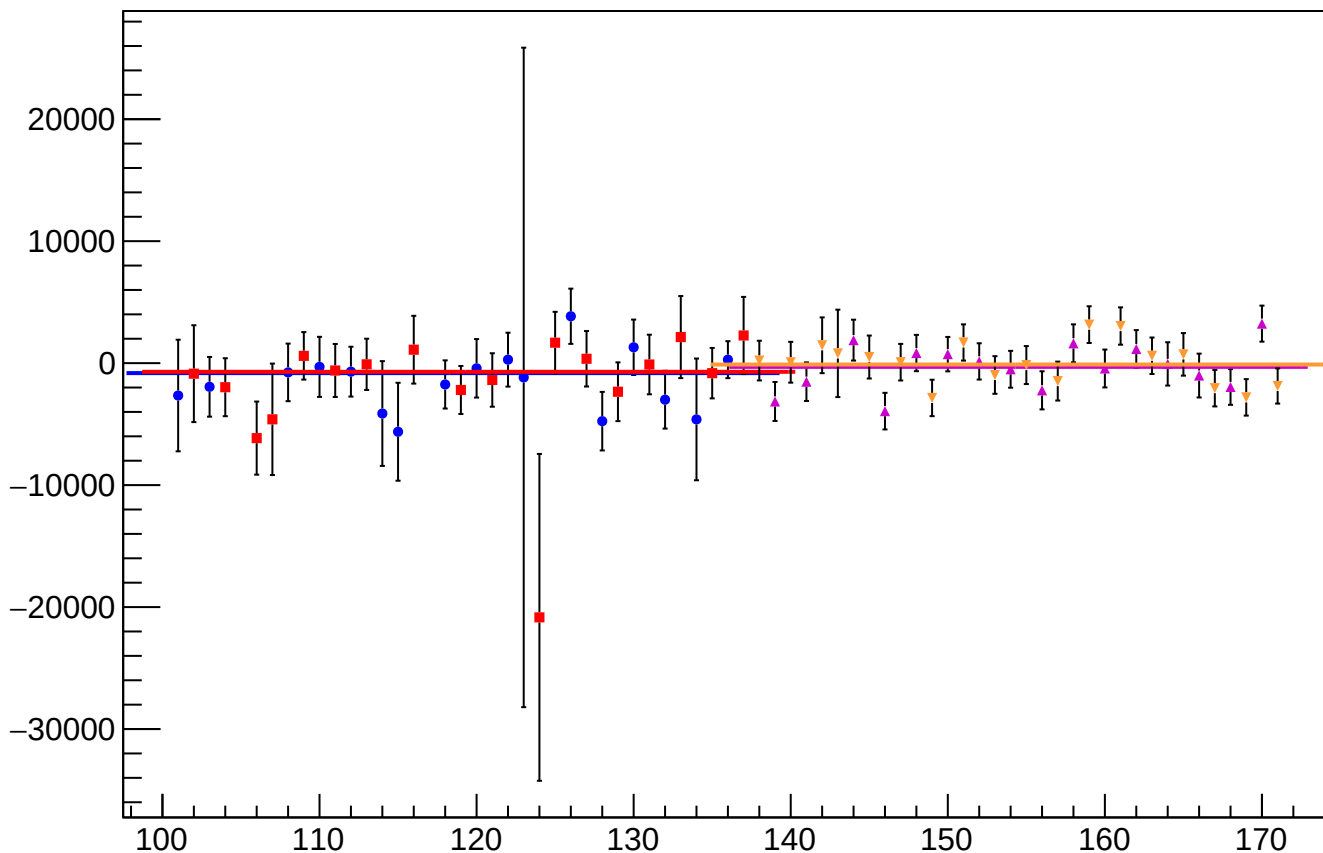
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 370.376 $\pm$ 0.064 χ^2 /NDF: 4690499.1/32

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

All: 369.265 $\pm$ 0.045 χ^2 /NDF: 10761101.2/68

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.618+/-380.198 χ^2/NDF :22.5/17

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

Left In: -305.208+/-388.046 χ^2/NDF :23.7/15

Left: -207.966+/-271.573 χ^2/NDF : 46.3/33

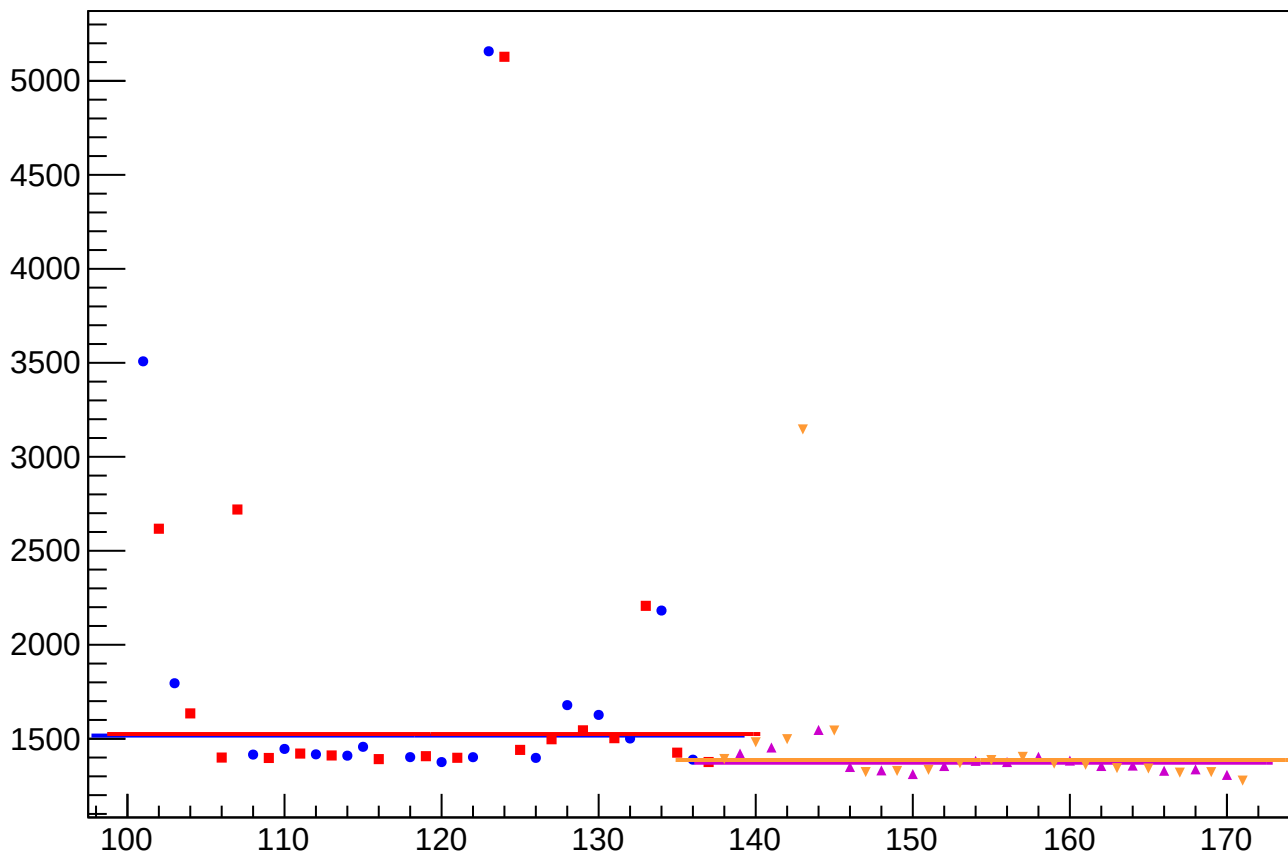
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -455.771+/-326.022 χ^2/NDF :36.9/32

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

All: -369.943+/-228.571 χ^2/NDF : 71.6/68

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: 1386.919+/-0.269 χ^2/NDF : 541492.6/17

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

Left In: 1372.443+/-0.274 χ^2/NDF : 42233.6/15

Left: 1379.829+/-0.192 χ^2/NDF : 585146.2/33

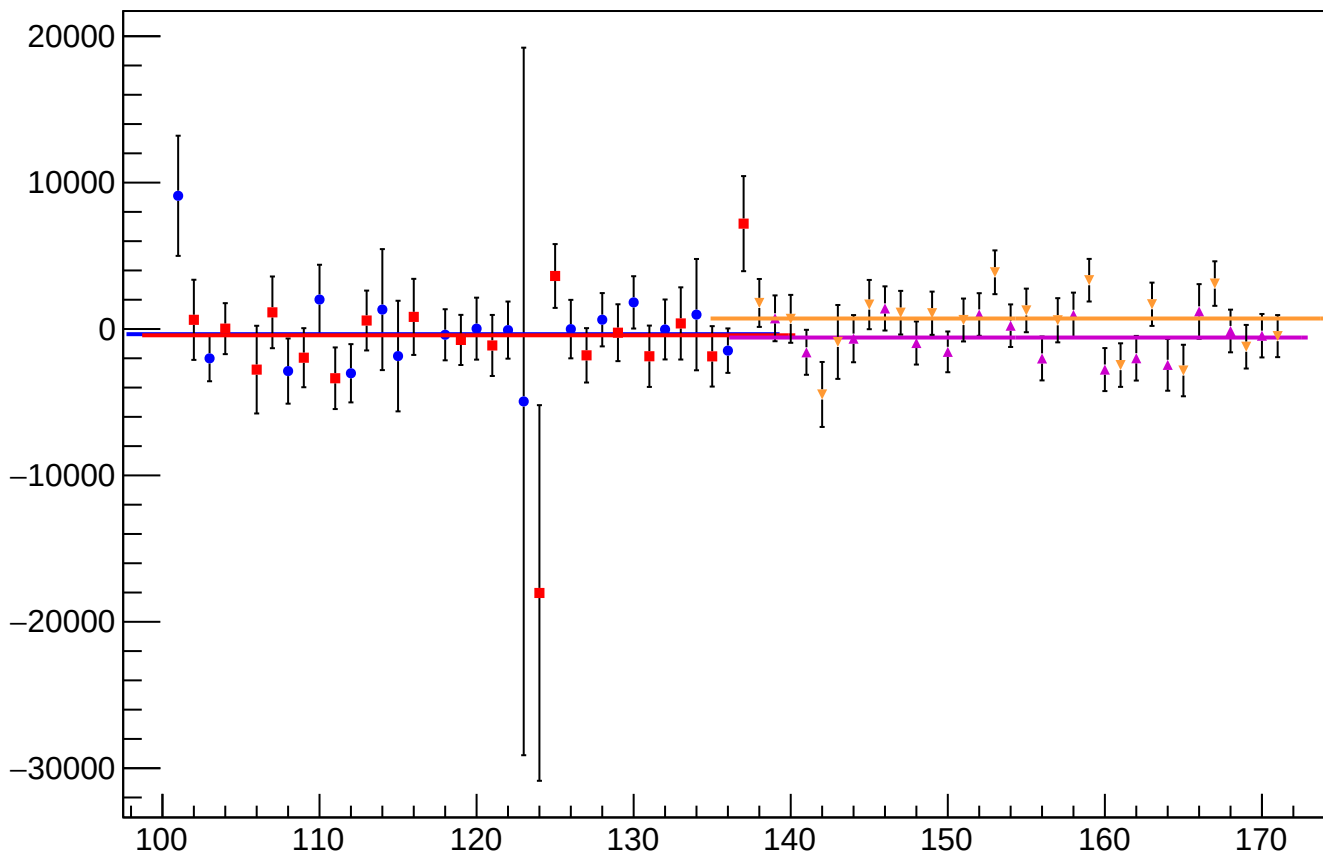
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1414.942+/-0.231 χ^2/NDF : 664833.9/32

Out: 1426.880+/-0.227 χ^2/NDF : 1189821.7/35

All: 1421.012+/-0.162 χ^2/NDF : 1856019.1/68

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131 ± 523.324 $\chi^2/\text{NDF}: 13.4/16$

Left Out: 717.583 ± 371.536 $\chi^2/\text{NDF}: 28.5/17$

Right Out: -429.167 ± 522.342 $\chi^2/\text{NDF}: 16.8/17$

Left In: -582.576 ± 381.163 $\chi^2/\text{NDF}: 12.1/15$

Left: 84.130 ± 266.054 $\chi^2/\text{NDF}: 46.5/33$

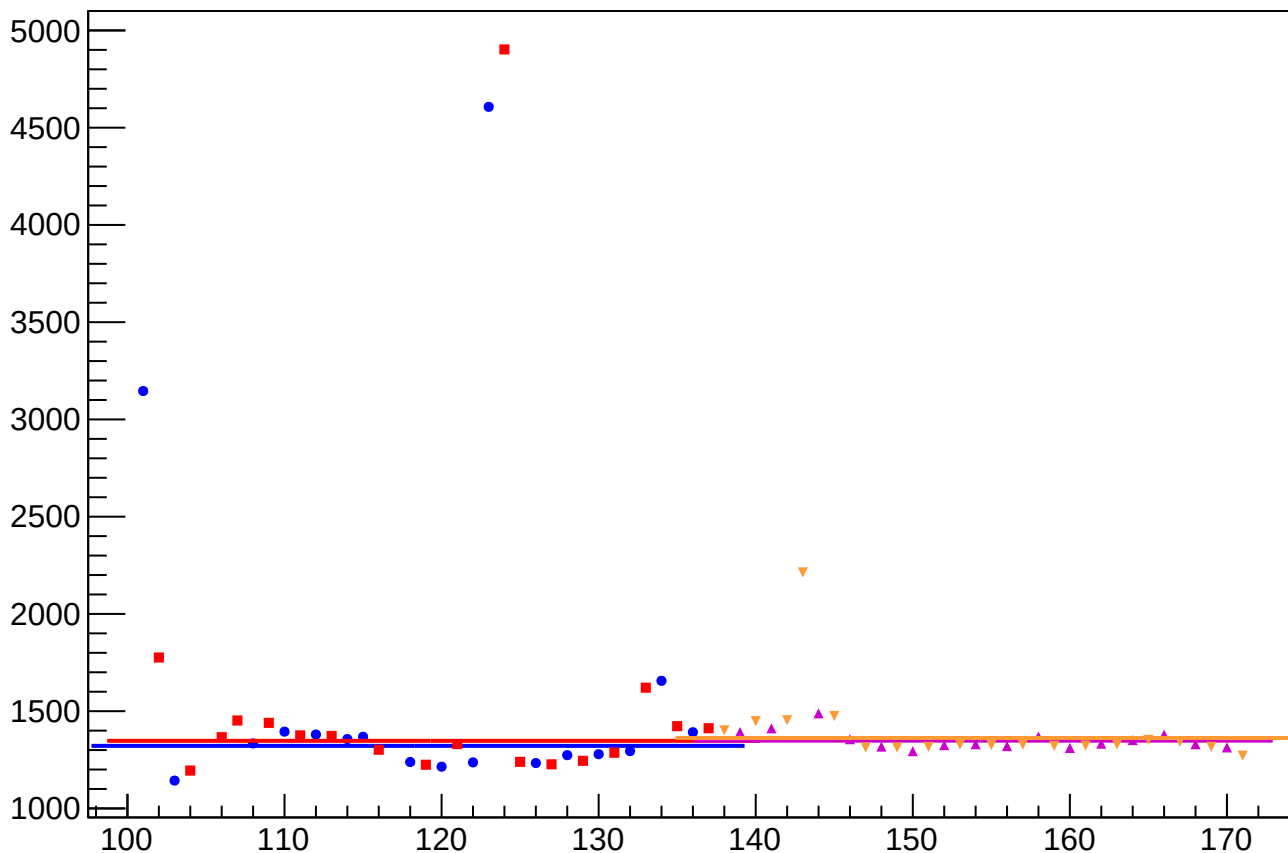
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -503.047 ± 308.103 $\chi^2/\text{NDF}: 25.6/32$

Out: 332.321 ± 302.760 $\chi^2/\text{NDF}: 48.5/35$

All: -78.057 ± 215.948 $\chi^2/\text{NDF}: 77.9/68$

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: 1361.959 $\pm$ 0.263 χ^2 /NDF: 270372.5/17

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

Left In: 1348.360 $\pm$ 0.270 χ^2 /NDF: 29531.9/15

Left: 1355.333 $\pm$ 0.188 χ^2 /NDF: 301210.0/33

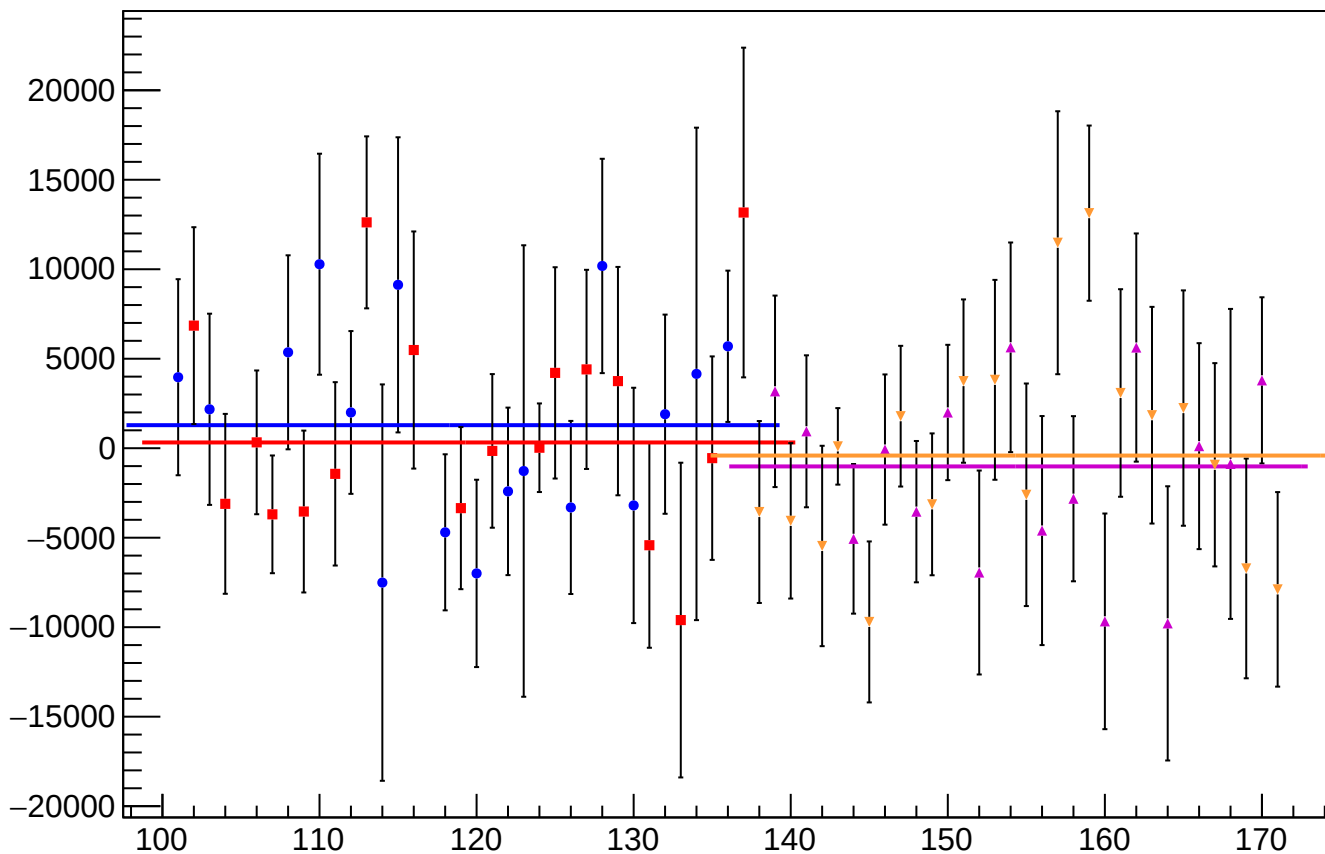
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1339.120 $\pm$ 0.218 χ^2 /NDF: 535168.3/32

Out: 1357.147 $\pm$ 0.214 χ^2 /NDF: 557671.6/35

All: 1348.293 $\pm$ 0.153 χ^2 /NDF: 1096323.9/68

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -1017.461+/-1260.885 χ^2/NDF : 11.3/15

Left: -667.136+/-820.039 χ^2/NDF : 33.9/33

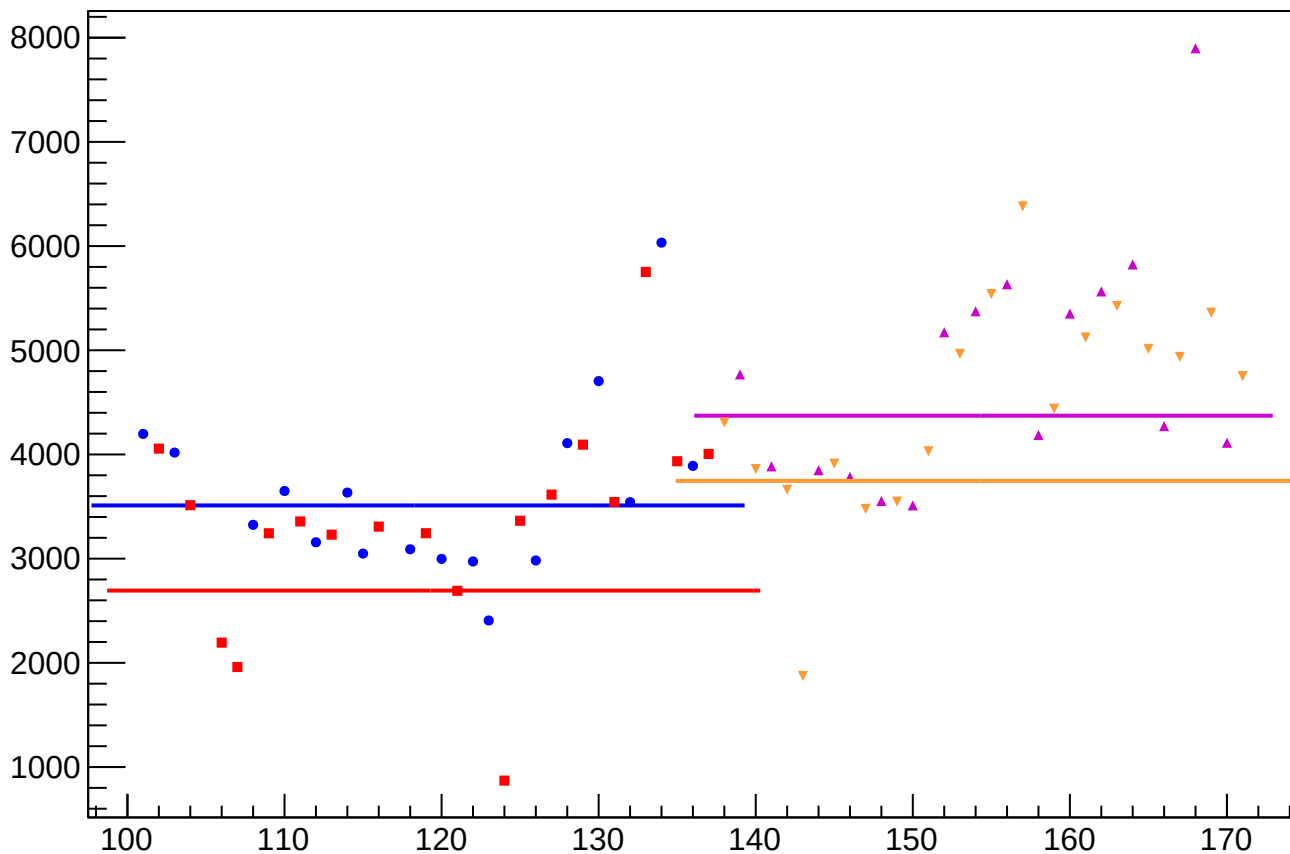
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 34.706+/-929.572 χ^2/NDF : 27.1/32

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

All: -17.258+/-594.075 χ^2/NDF : 67.3/68

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3746.516+/-0.763 χ^2/NDF : 2778961.1/17

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

Left In: 4372.012+/-0.892 χ^2/NDF : 1009474.3/15

Left: 4011.087+/-0.580 χ^2/NDF : 4072437.0/33

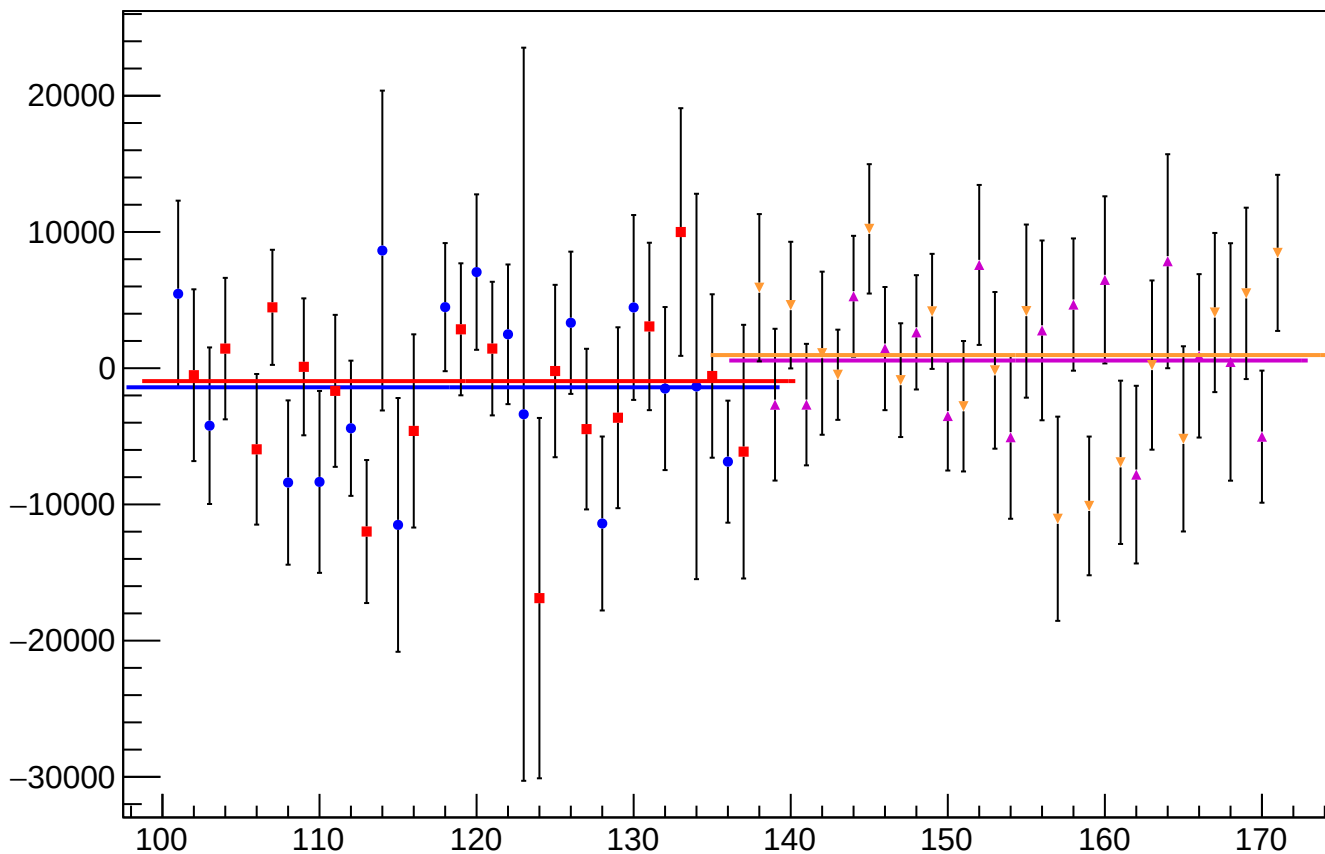
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3978.885+/-0.657 χ^2/NDF : 1779443.5/32

Out: 3232.557+/-0.546 χ^2/NDF : 5833589.8/35

All: 3537.378+/-0.420 χ^2/NDF : 8375693.1/68

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 563.725+/-1320.413 χ^2/NDF : 11.2/15

Left: 779.970+/-895.742 χ^2/NDF : 30.8/33

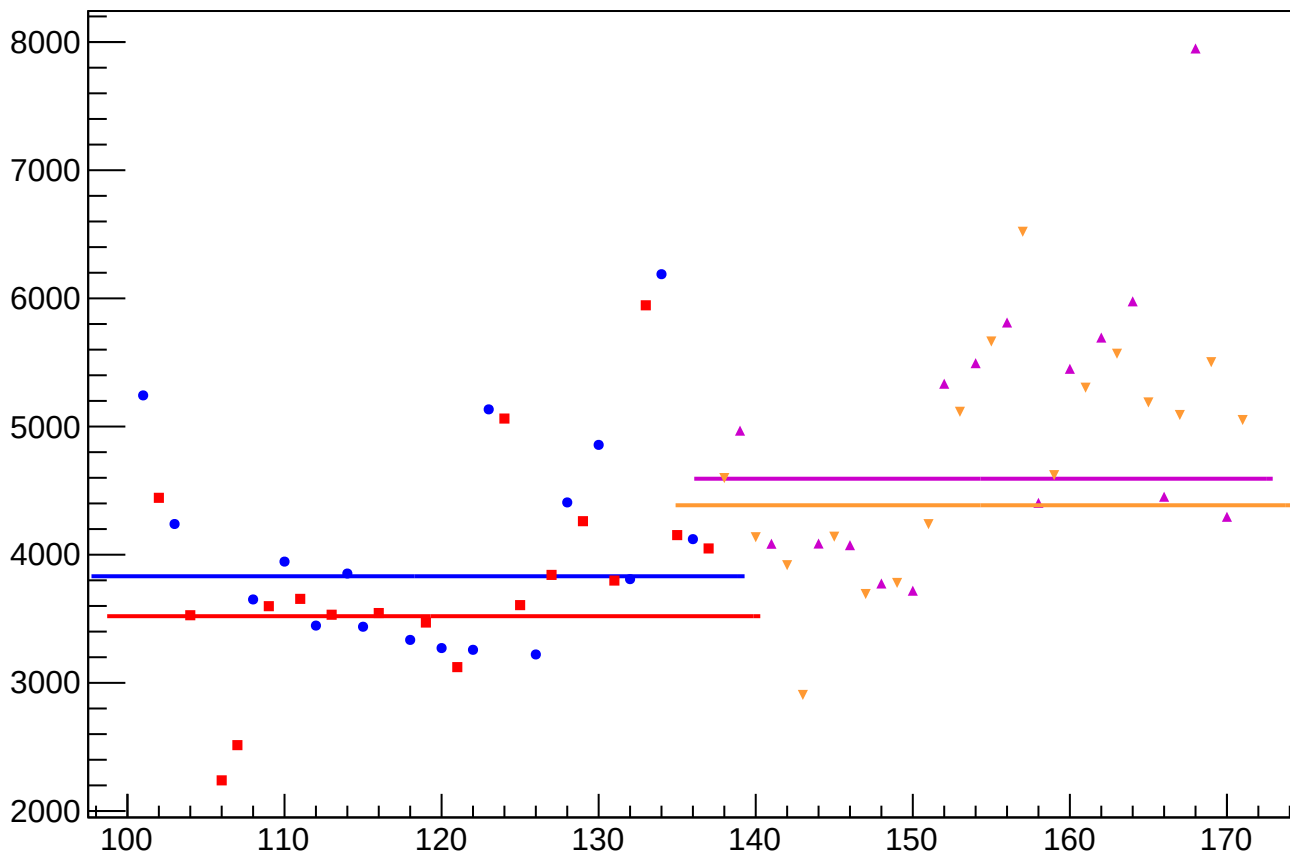
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -291.564+/-992.311 χ^2/NDF : 28.0/32

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

All: -64.735+/-672.464 χ^2/NDF : 61.1/68

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: 4385.765+/-0.862 χ^2/NDF : 1069762.9/17

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

Left In: 4592.847+/-0.934 χ^2/NDF : 870474.1/15

Left: 4481.064+/-0.633 χ^2/NDF : 1966790.6/33

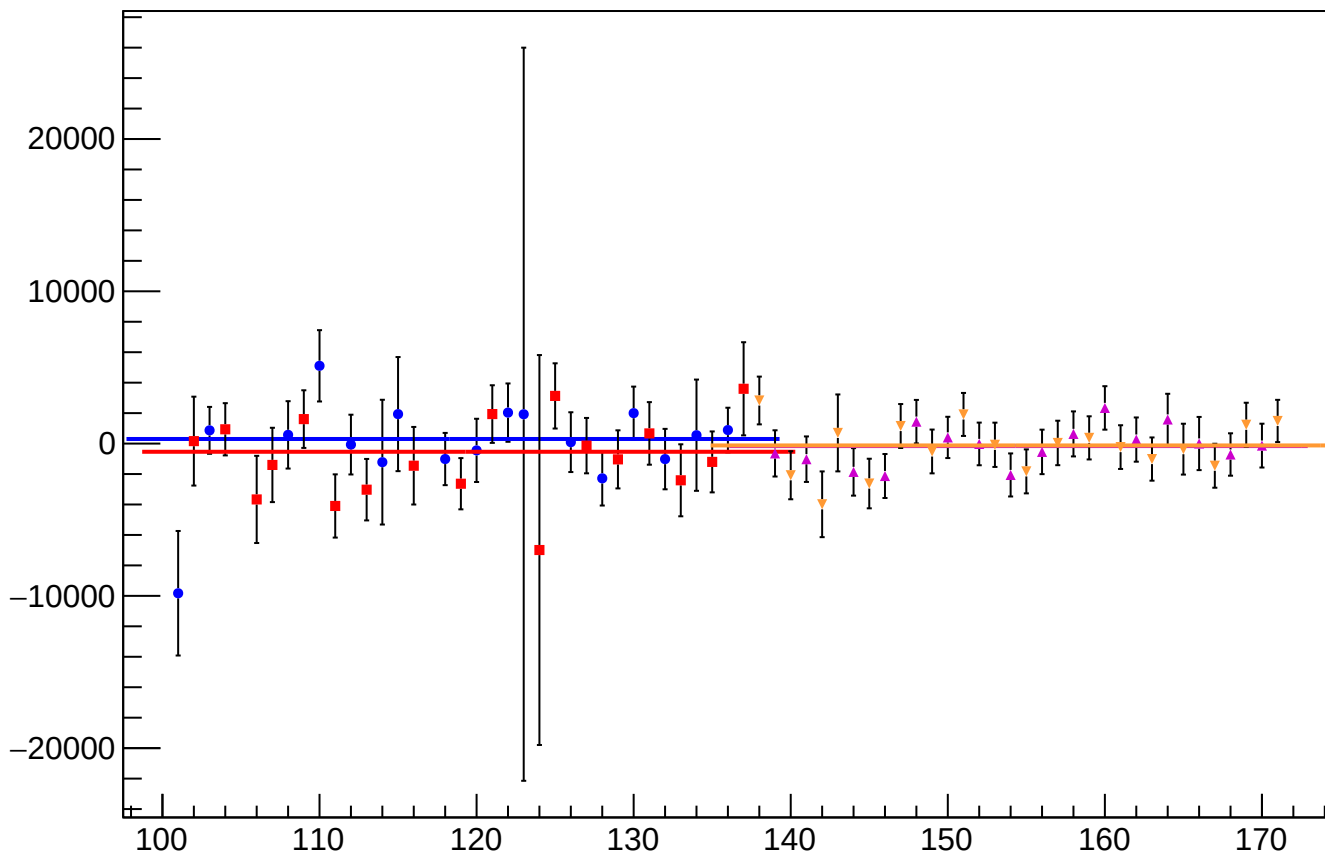
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4261.619+/-0.702 χ^2/NDF : 1497341.1/32

Out: 4003.251+/-0.644 χ^2/NDF : 2059410.6/35

All: 4121.388+/-0.474 χ^2/NDF : 3630342.8/68

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -163.466 ± 367.887 $\chi^2/\text{NDF}: 11.5/15$

Left: -142.222 ± 256.921 $\chi^2/\text{NDF}: 30.2/33$

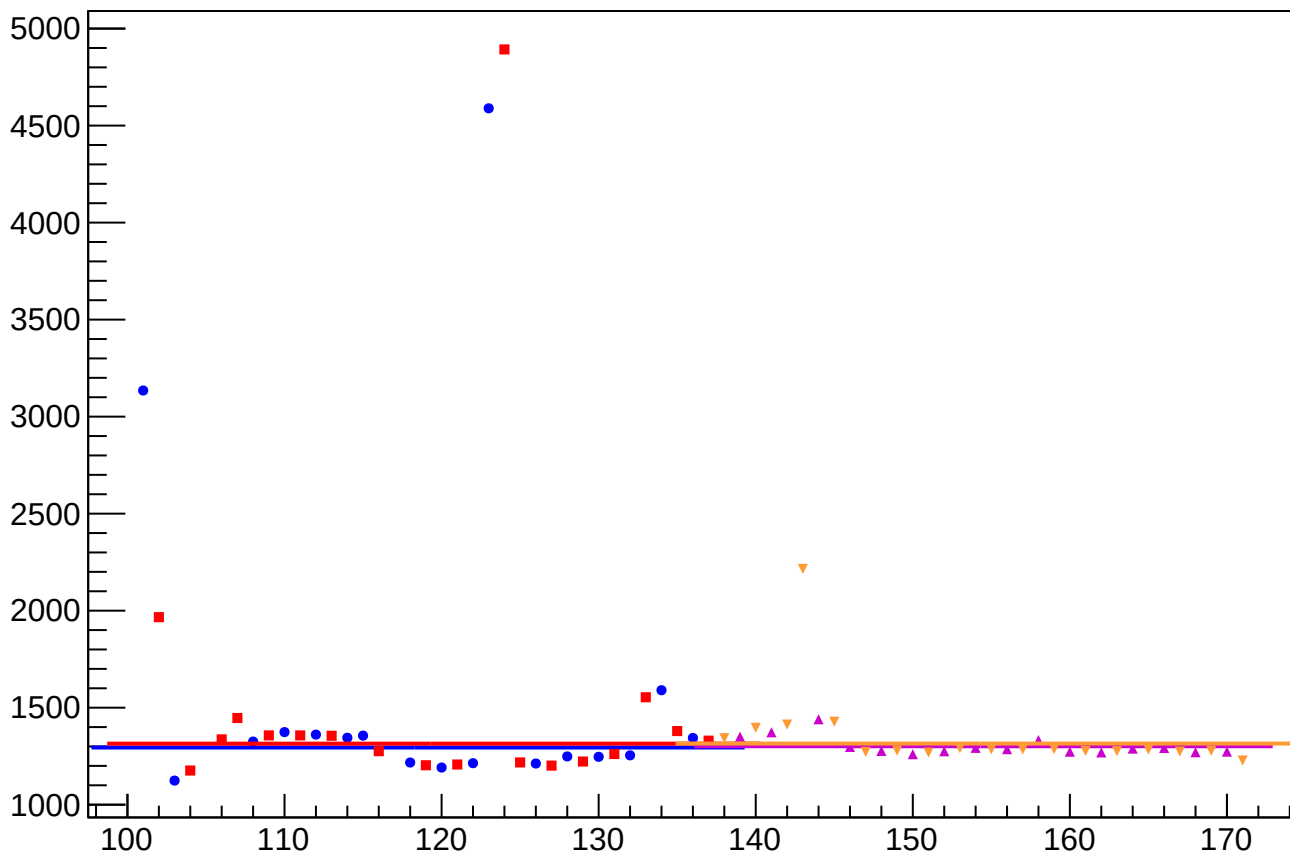
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -5.329 ± 298.927 $\chi^2/\text{NDF}: 28.1/32$

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

All: -135.189 ± 209.352 $\chi^2/\text{NDF}: 65.1/68$

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: 1315.105 $\pm$ 0.254 χ^2 /NDF: 296507.0/17

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

Left In: 1301.256 $\pm$ 0.260 χ^2 /NDF: 30562.0/15

Left: 1308.351 $\pm$ 0.182 χ^2 /NDF: 328520.8/33

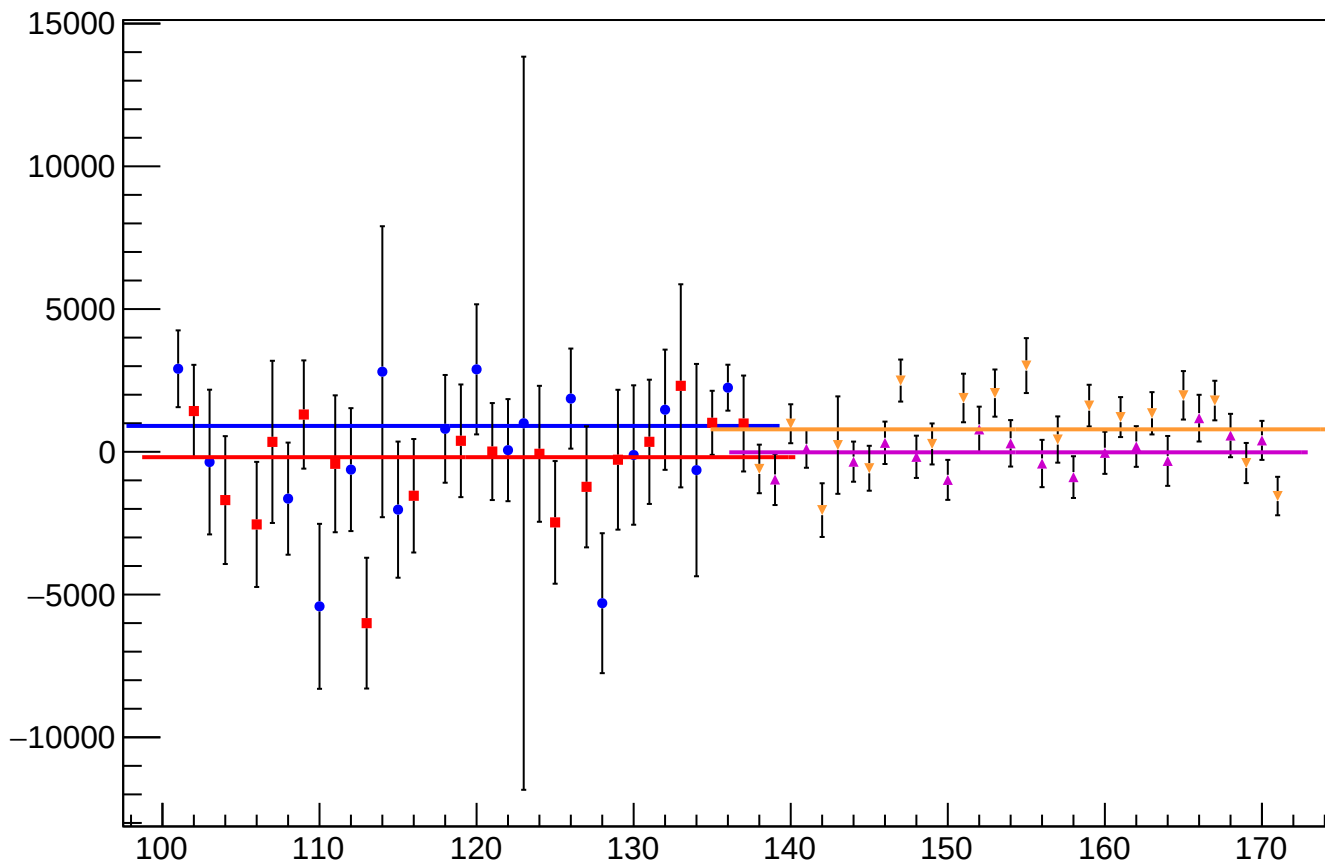
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1299.039 $\pm$ 0.211 χ^2 /NDF: 538579.8/32

Out: 1314.933 $\pm$ 0.207 χ^2 /NDF: 630347.0/35

All: 1307.137 $\pm$ 0.148 χ^2 /NDF: 1171807.9/68

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 787.193+/-184.777 χ^2/NDF : 51.6/17

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -17.639+/-188.581 χ^2/NDF : 9.6/15

Left: 392.975+/-131.982 χ^2/NDF : 70.5/33

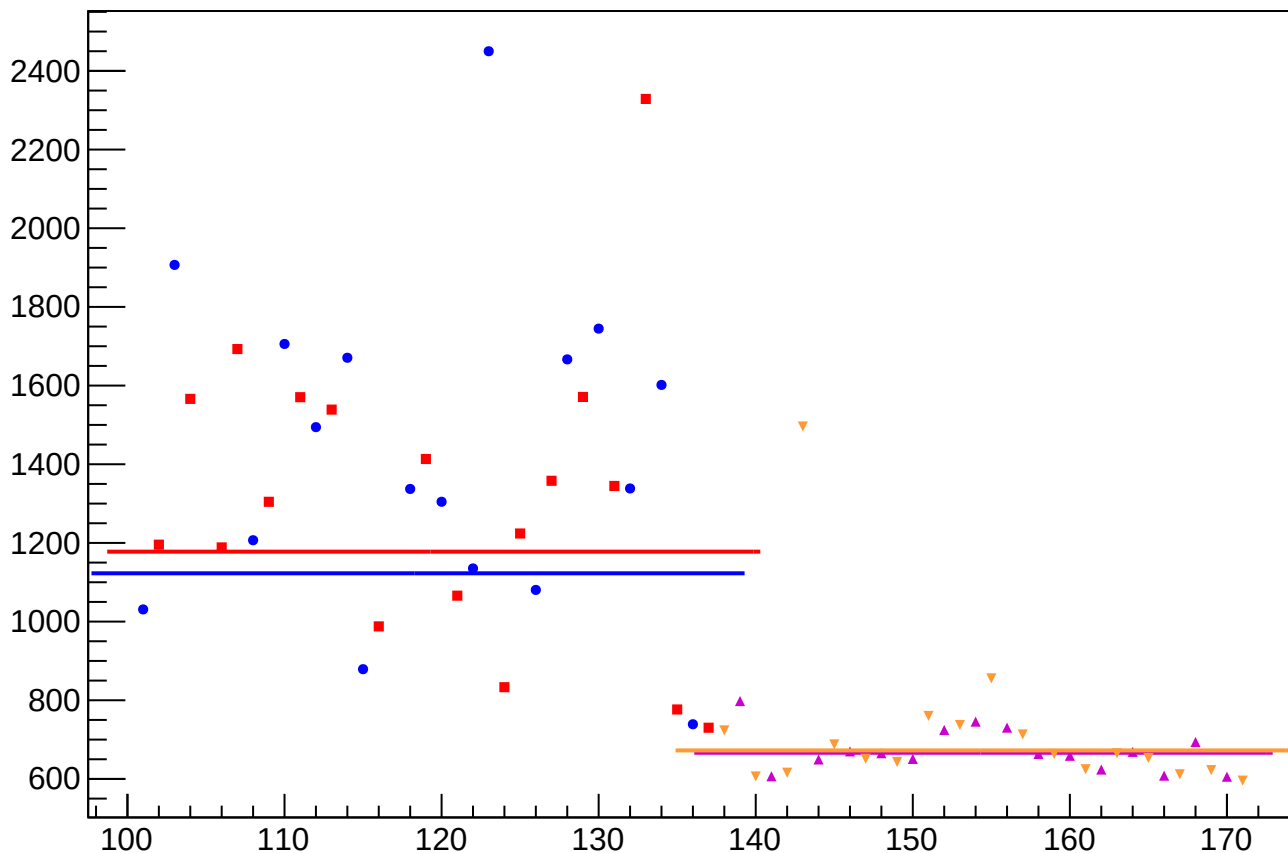
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 117.439+/-174.258 χ^2/NDF : 35.1/32

Out: 653.953+/-171.693 χ^2/NDF : 69.2/35

All: 389.673+/-122.302 χ^2/NDF : 109.2/68

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

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

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

Left In: 666.533+/-0.133 χ^2/NDF : 138966.0/15

Left: 669.573+/-0.093 χ^2/NDF : 817899.9/33

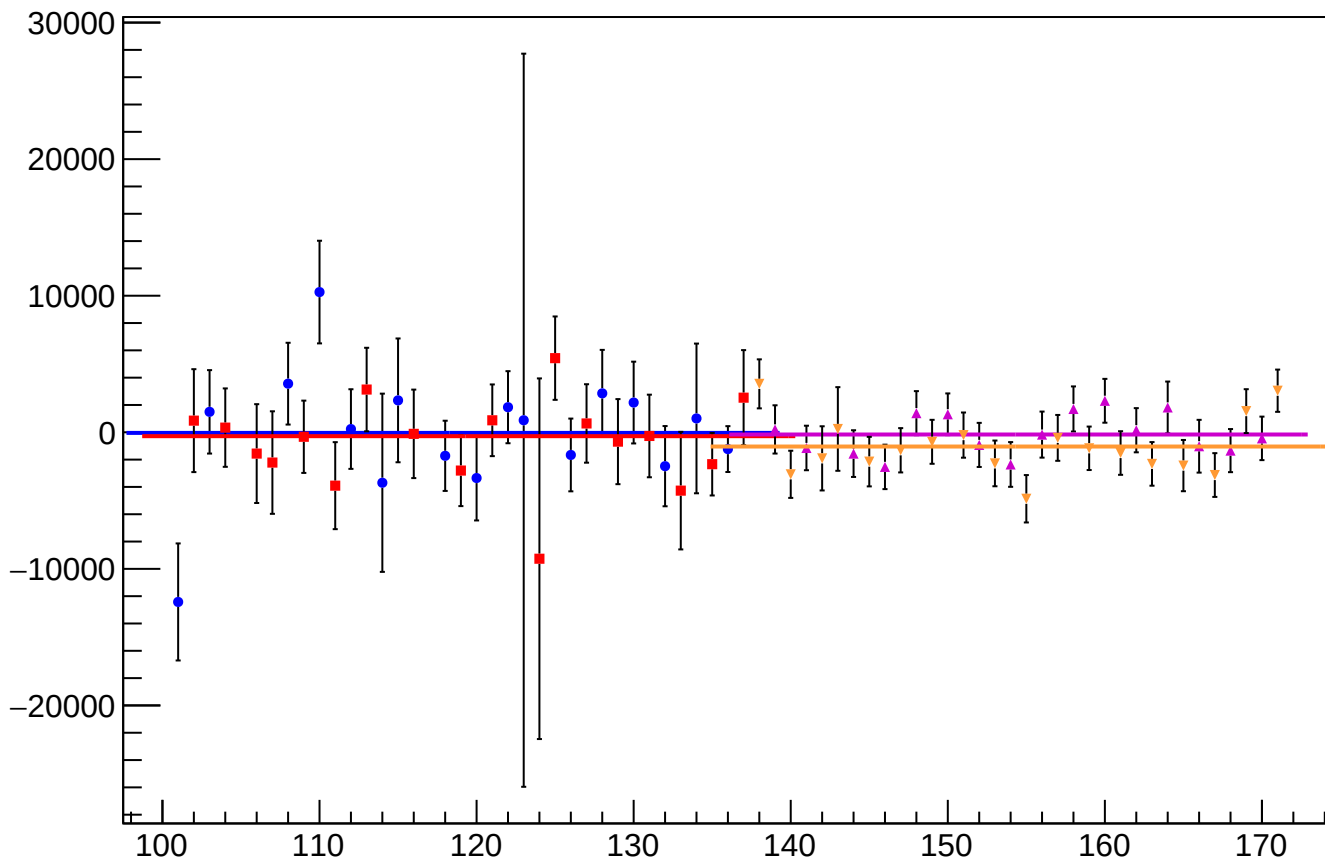
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 733.207+/-0.123 χ^2/NDF : 3037686.0/32

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

All: 737.425+/-0.086 χ^2/NDF : 6782802.1/68

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

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

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

Left In: -162.068 ± 414.588 χ^2/NDF : 12.7/15

Left: -611.620 ± 290.002 χ^2/NDF : 42.0/33

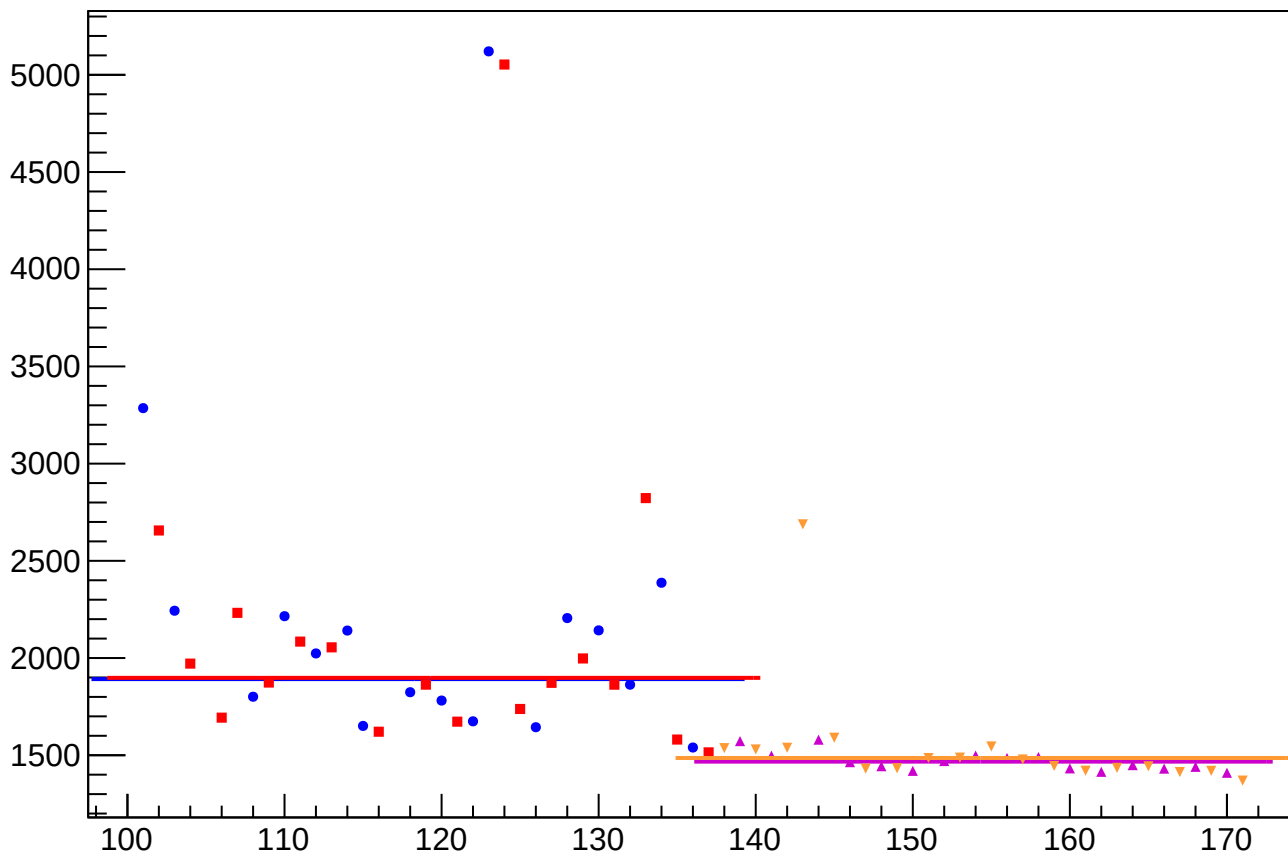
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -134.384 ± 362.567 χ^2/NDF : 35.9/32

Out: -865.630 ± 355.297 χ^2/NDF : 38.5/35

All: -507.412 ± 253.764 χ^2/NDF : 76.4/68

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1485.829 $\pm$ 0.287 χ^2 /NDF: 351905.6/17

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1467.138 $\pm$ 0.293 χ^2 /NDF: 27372.3/15

Left: 1476.684 $\pm$ 0.205 χ^2 /NDF: 381353.9/33

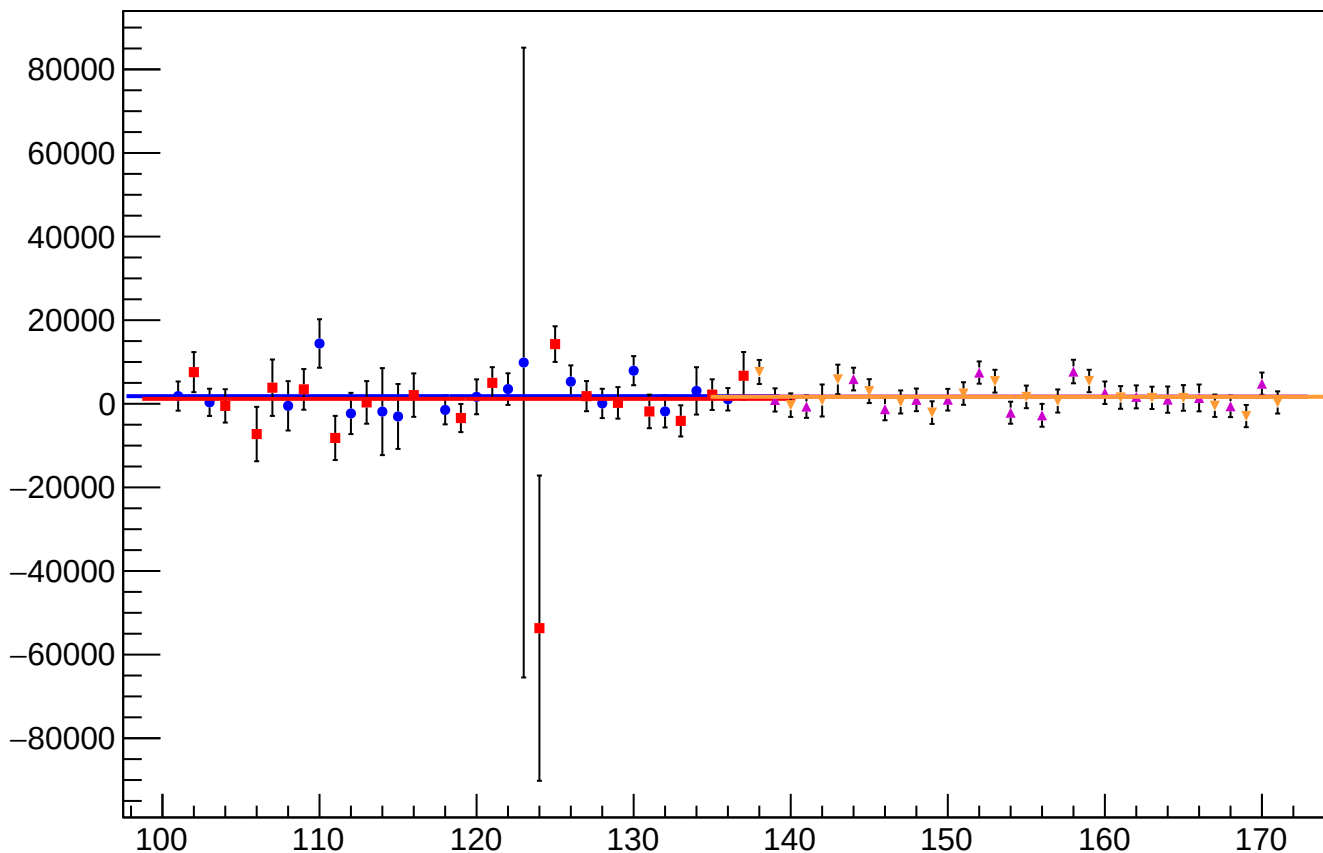
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1566.992 $\pm$ 0.256 χ^2 /NDF: 989713.0/32

Out: 1582.044 $\pm$ 0.251 χ^2 /NDF: 1257252.9/35

All: 1574.670 $\pm$ 0.179 χ^2 /NDF: 2248724.6/68

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1674.192 $\pm$ 663.604 χ^2 /NDF:16.6/17

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1735.923 $\pm$ 684.562 χ^2 /NDF:21.1/15

Left: 1704.098 $\pm$ 476.476 χ^2 /NDF: 37.6/33

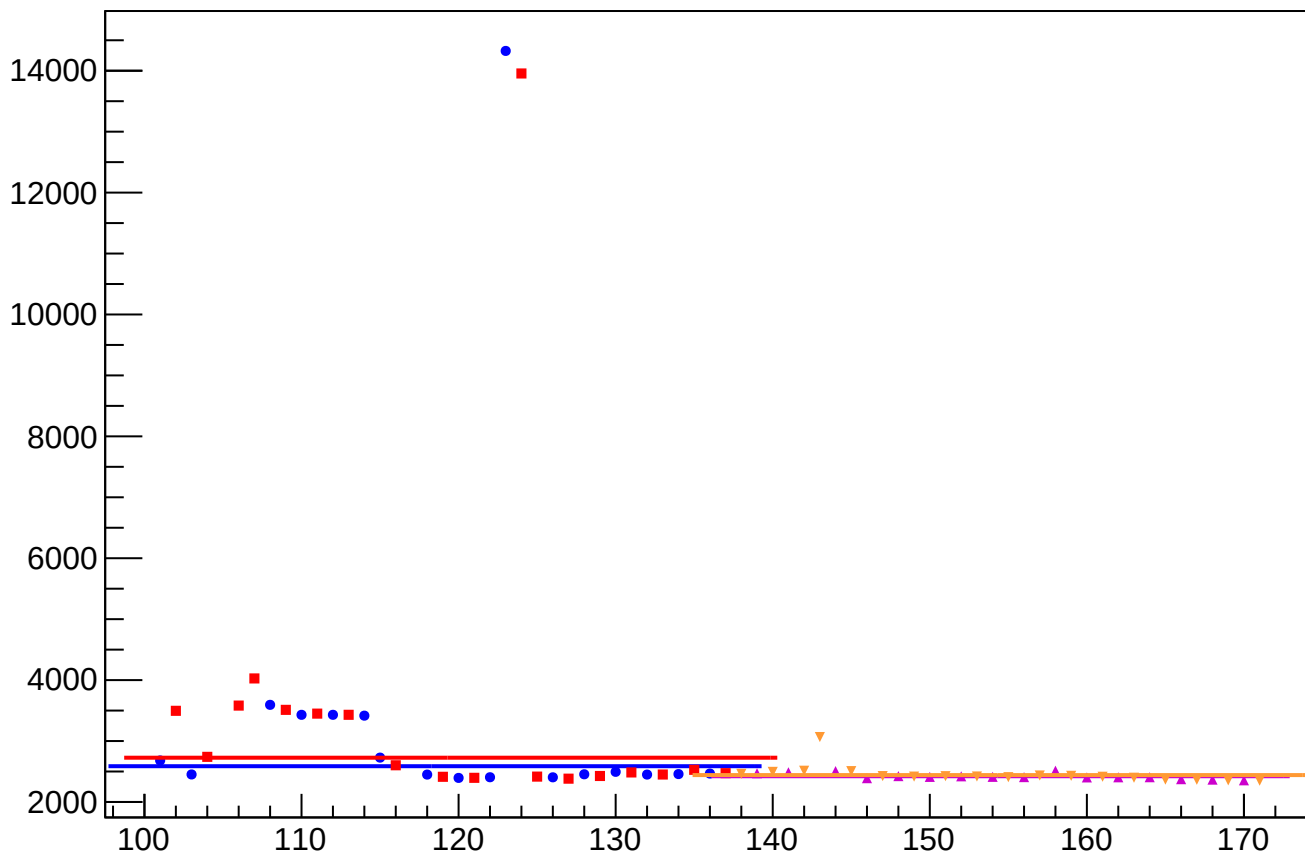
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1763.970 $\pm$ 566.695 χ^2 /NDF:33.6/32

Out: 1533.924 $\pm$ 560.951 χ^2 /NDF:42.2/35

All: 1647.775 $\pm$ 398.667 χ^2 /NDF: 75.9/68

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2441.317+/-0.469 χ^2/NDF : 74343.5/17

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2422.427+/-0.484 χ^2/NDF : 9097.6/15

Left: 2432.166+/-0.337 χ^2/NDF : 84226.2/33

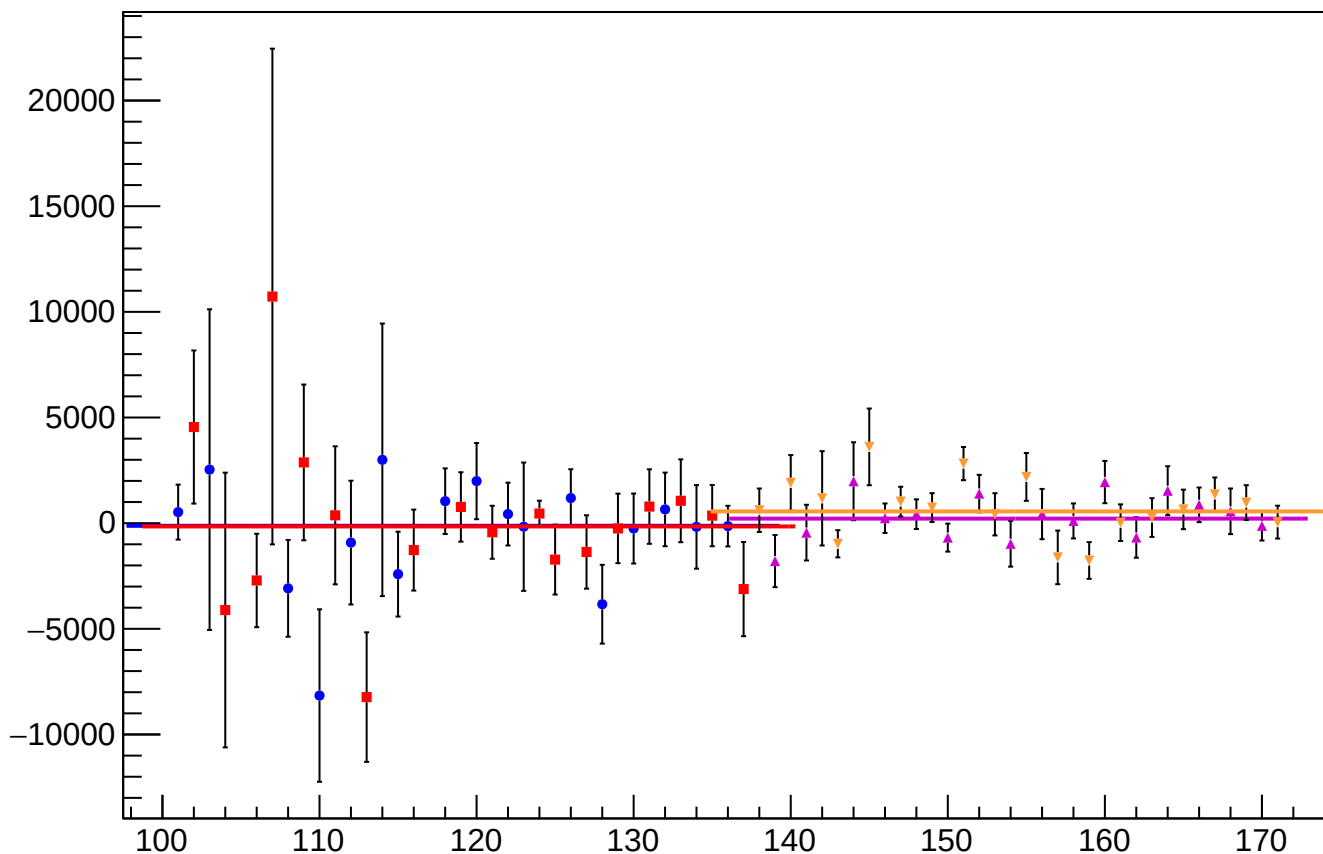
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2474.213+/-0.401 χ^2/NDF : 299578.3/32

Out: 2522.711+/-0.397 χ^2/NDF : 760598.2/35

All: 2498.709+/-0.282 χ^2/NDF : 1067575.1/68

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 556.348+/-211.639 χ^2/NDF : 32.8/17

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 215.580+/-226.737 χ^2/NDF : 14.9/15

Left: 397.686+/-154.714 χ^2/NDF : 49.0/33

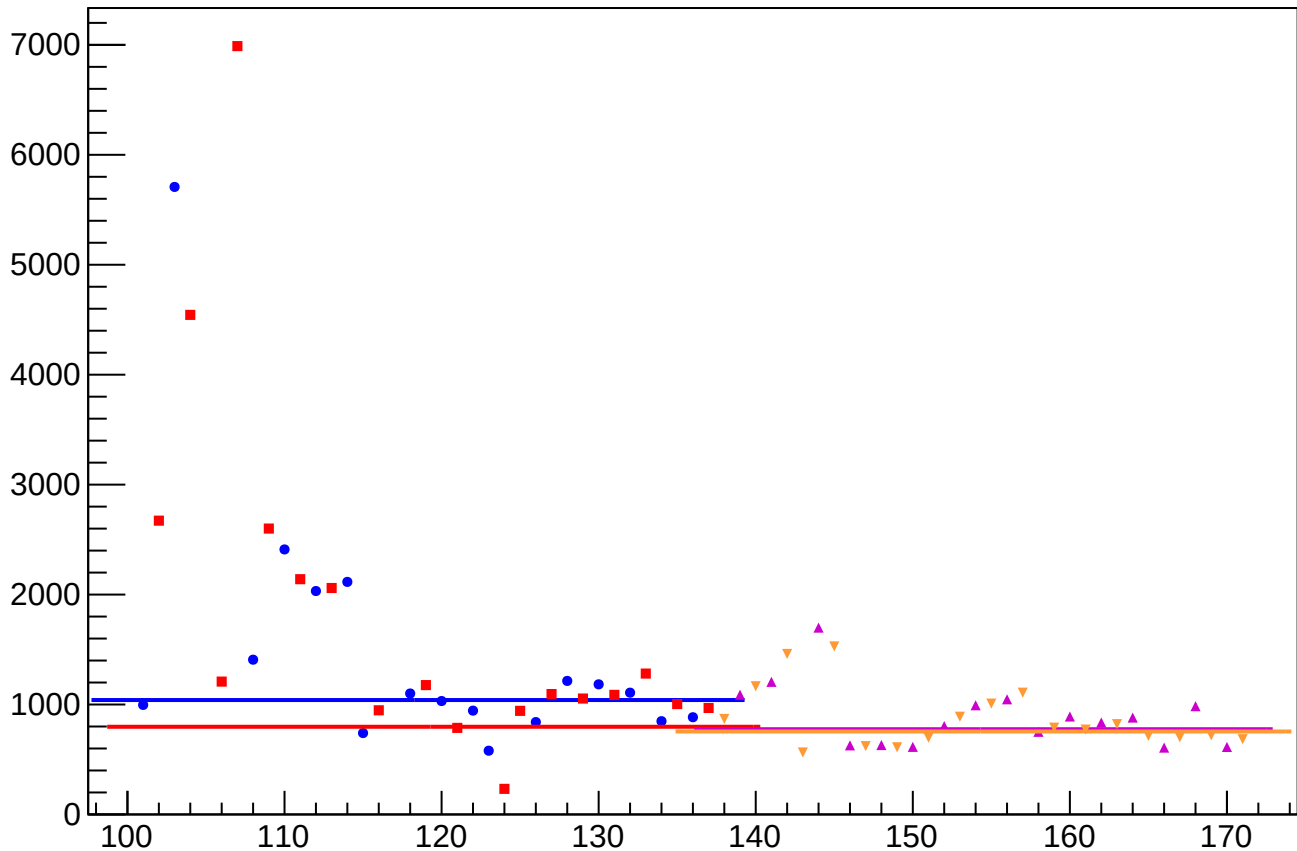
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 141.806+/-200.640 χ^2/NDF : 30.1/32

Out: 388.658+/-185.002 χ^2/NDF : 53.0/35

All: 275.225+/-136.009 χ^2/NDF : 84.0/68

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 754.611+/-0.150 χ^2/NDF :1469505.8/17

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 775.414+/-0.160 χ^2/NDF :1643975.5/15

Left: 764.297+/-0.109 χ^2/NDF : 3122478.5/33

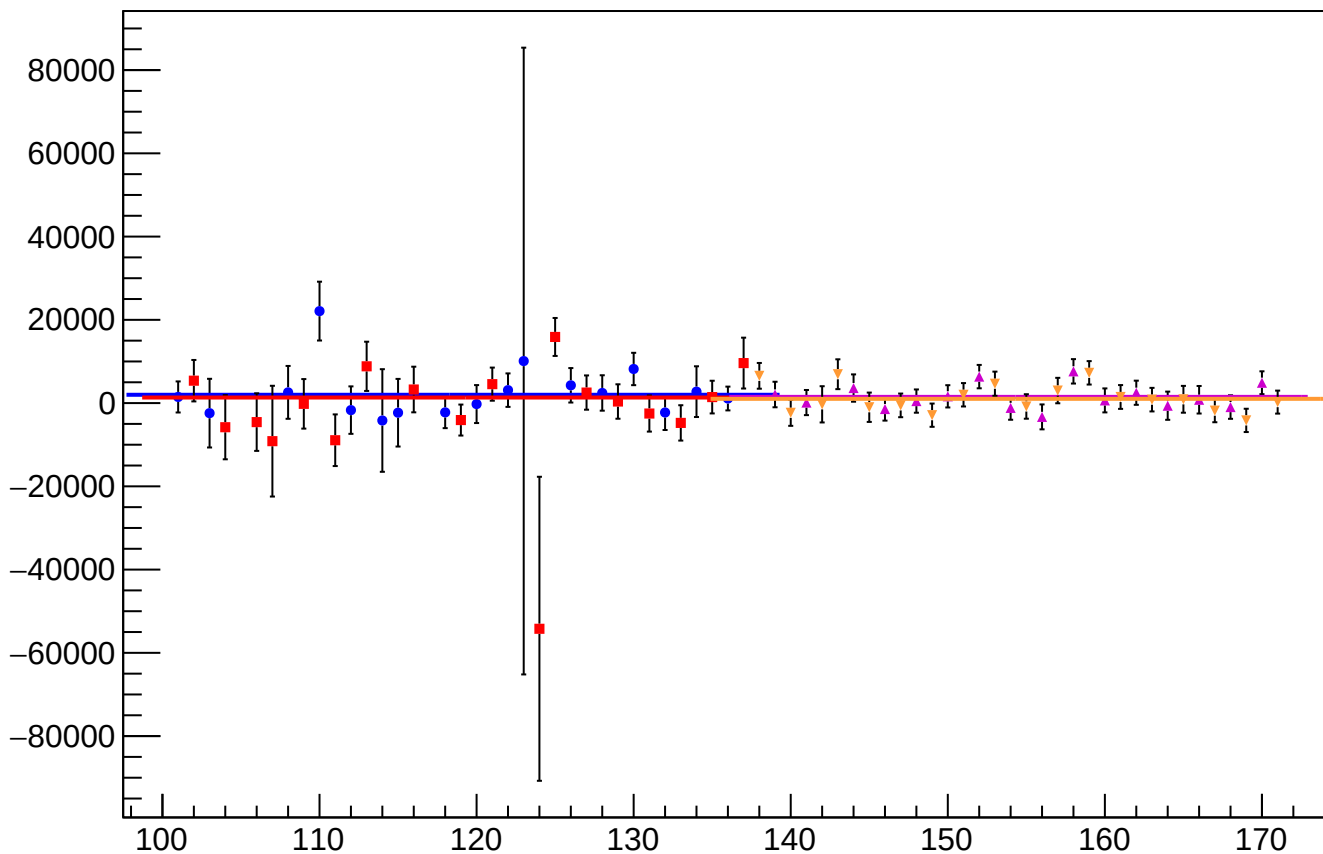
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 832.981+/-0.142 χ^2/NDF :3811264.4/32

Out: 764.782+/-0.131 χ^2/NDF :6663421.2/35

All: 796.121+/-0.096 χ^2/NDF : 10599577.6/68

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2 /NDF: 14.9/16

Left Out: 1021.082+/-708.031 χ^2 /NDF:21.8/17

Right Out: 1336.627+/-1193.730 χ^2 /NDF: 27.5/17

Left In: 1492.671+/-733.316 χ^2 /NDF:15.6/15

Left: 1248.606+/-509.358 χ^2 /NDF: 37.6/33

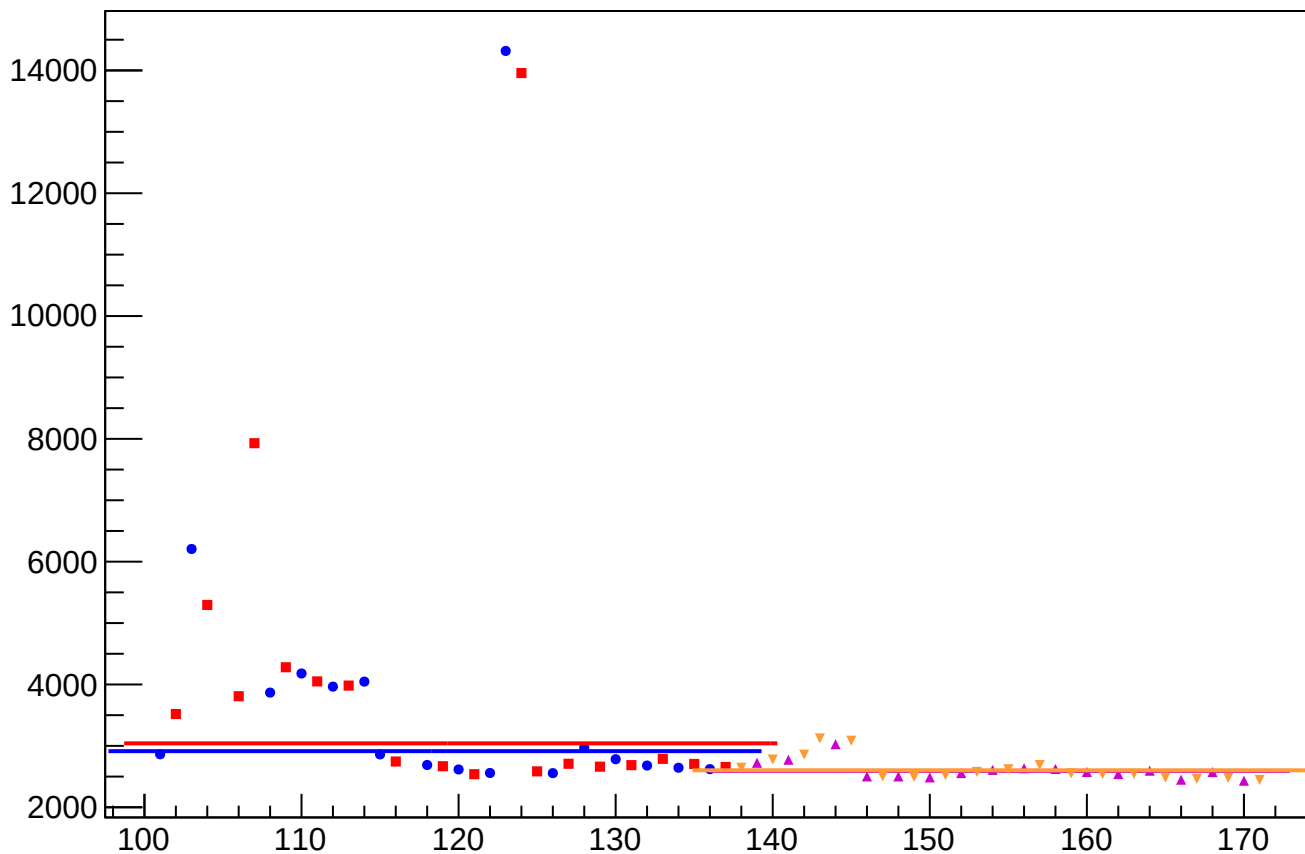
Right: 1677.304+/-830.083 χ^2 /NDF: 42.6/34

In: 1637.341+/-619.087 χ^2 /NDF:30.7/32

Out: 1103.201+/-608.971 χ^2 /NDF:49.3/35

All: 1365.871+/-434.140 χ^2 /NDF: 80.4/68

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2602.068+/-0.501 χ^2/NDF : 122106.8/17

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2591.750+/-0.519 χ^2/NDF : 65696.5/15

Left: 2597.090+/-0.360 χ^2/NDF : 188008.2/33

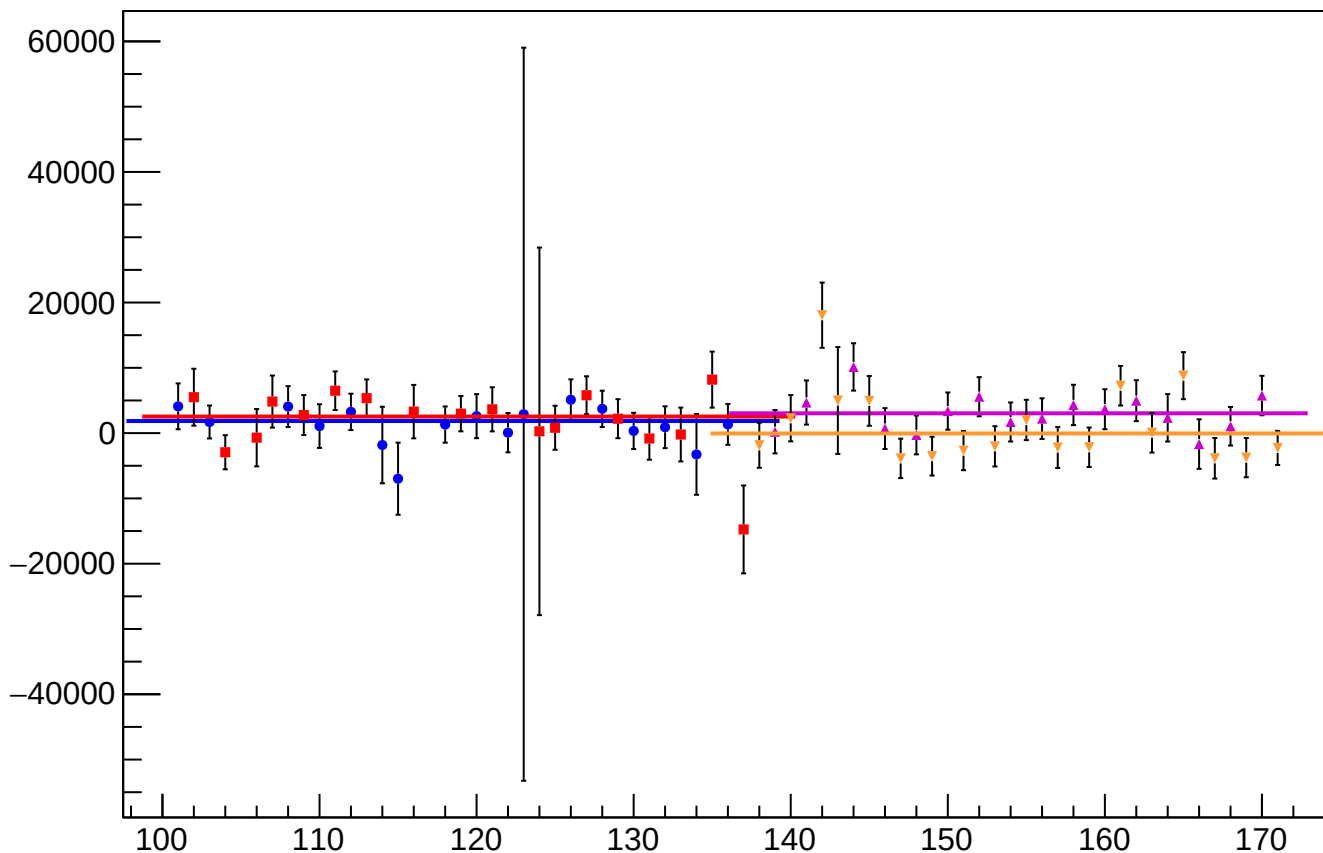
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2684.289+/-0.438 χ^2/NDF : 815546.7/32

Out: 2716.357+/-0.431 χ^2/NDF : 1325929.8/35

All: 2700.587+/-0.307 χ^2/NDF : 2144203.9/68

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -56.184 $\pm$ 767.455 χ^2 /NDF:37.1/17

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 3033.365 $\pm$ 790.500 χ^2 /NDF:11.0/15

Left: 1442.900 $\pm$ 550.639 χ^2 /NDF: 56.0/33

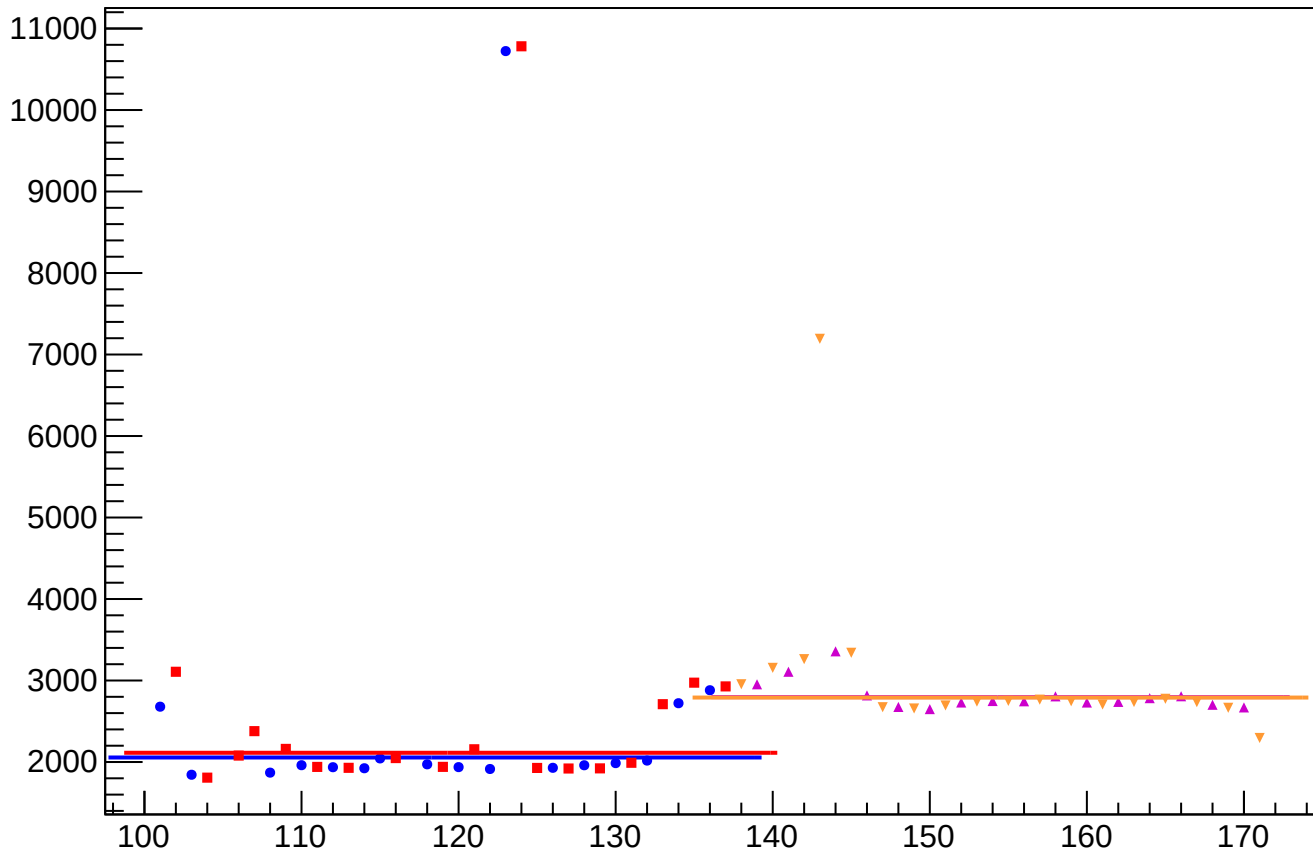
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2453.773 $\pm$ 564.629 χ^2 /NDF:19.4/32

Out: 1154.876 $\pm$ 560.112 χ^2 /NDF:62.4/35

All: 1799.108 $\pm$ 397.646 χ^2 /NDF: 84.5/68

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2790.920+/-0.543 χ^2/NDF : 752264.2/17

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2796.165+/-0.559 χ^2/NDF : 87386.1/15

Left: 2793.465+/-0.389 χ^2/NDF : 839695.6/33

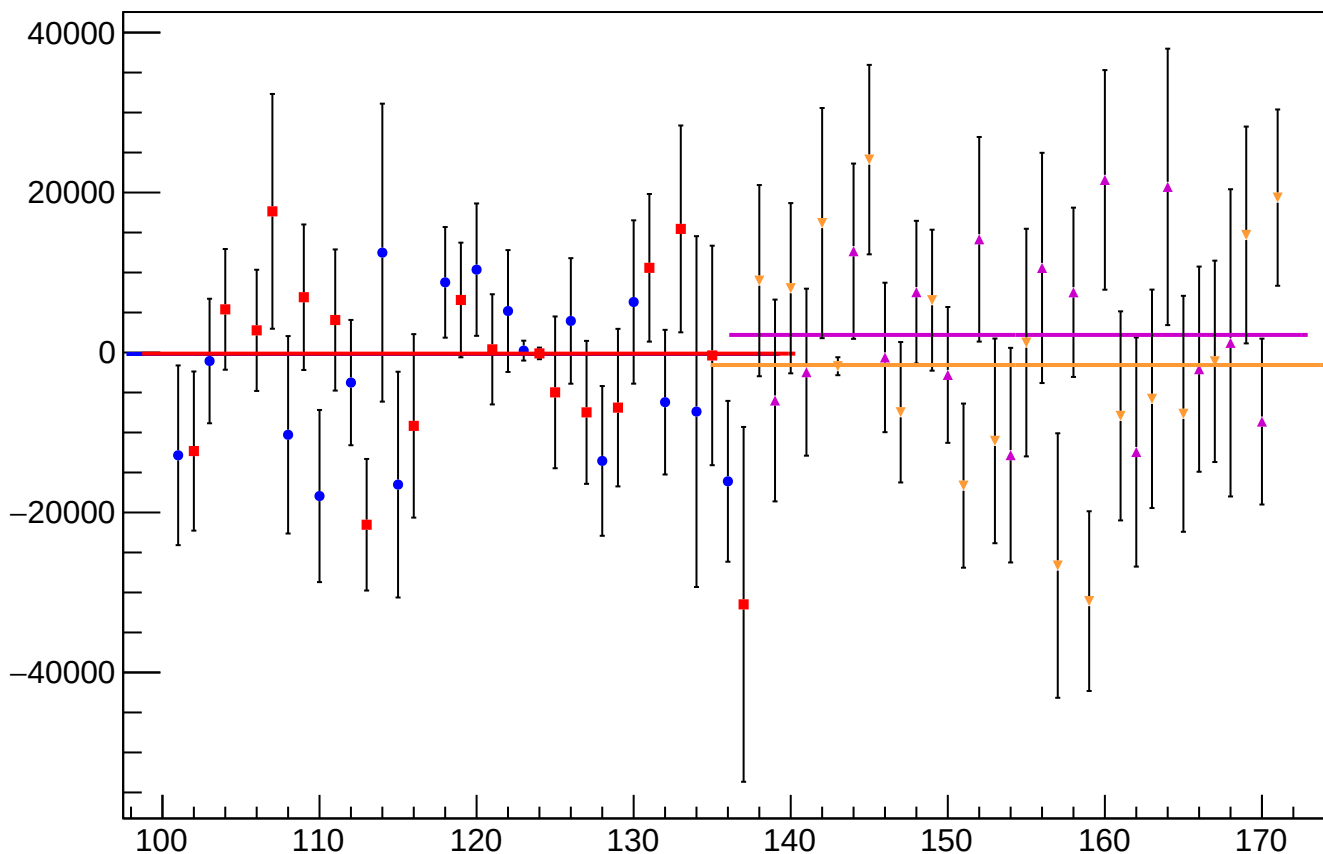
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2433.345+/-0.399 χ^2/NDF : 1263911.9/32

Out: 2473.731+/-0.396 χ^2/NDF : 2014109.5/35

All: 2453.714+/-0.281 χ^2/NDF : 3283182.1/68

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1564.196+/-1045.100 χ^2/NDF : 26.6/17

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 2199.088+/-2902.155 χ^2/NDF : 10.4/15

Left: -1132.194+/-983.286 χ^2/NDF : 38.6/33

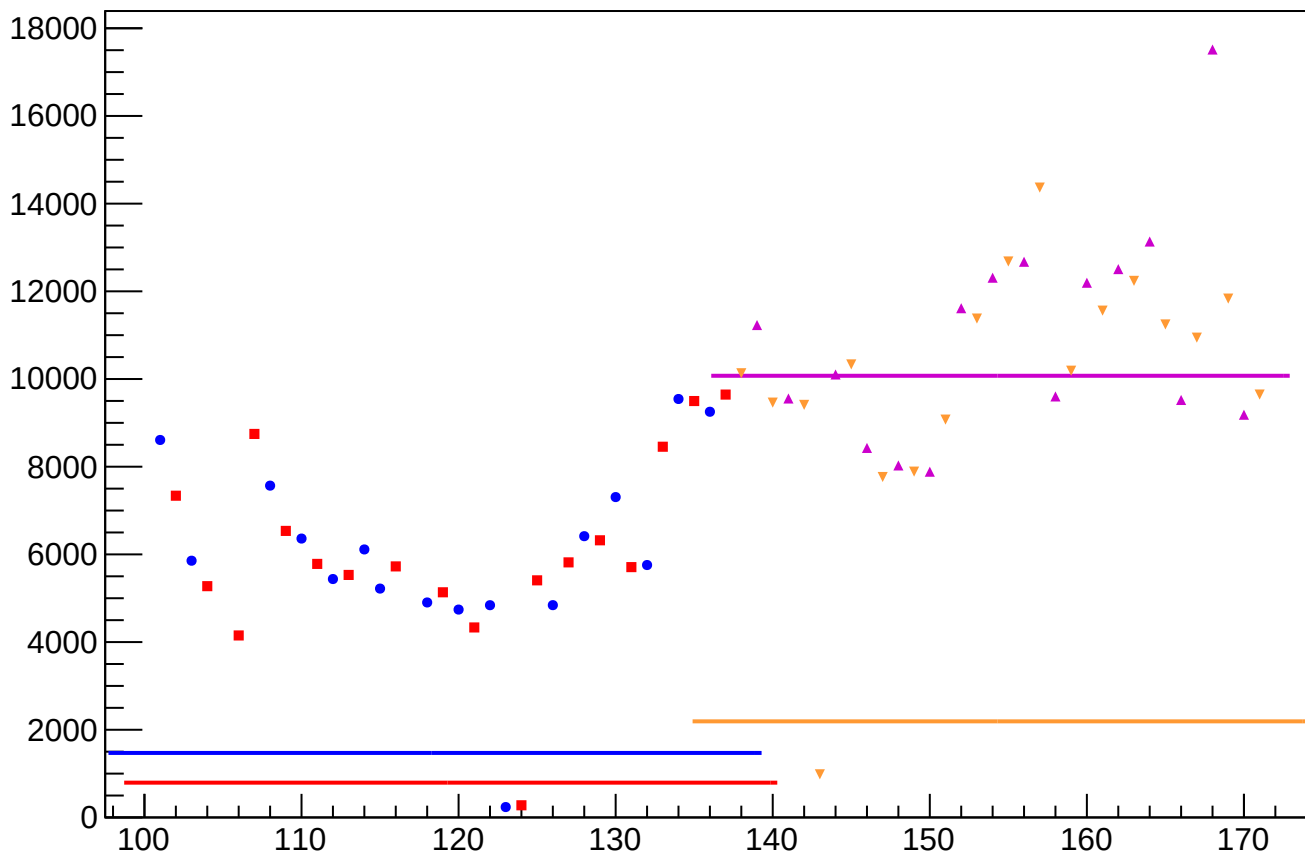
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 114.637+/-1029.231 χ^2/NDF : 27.4/32

Out: -574.545+/-576.390 χ^2/NDF : 46.9/35

All: -410.005+/-502.899 χ^2/NDF : 74.6/68

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2191.917+/-0.739

χ^2/NDF : 18097054.9/17

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 10073.963+/-2.052

χ^2/NDF : 962501.8/15

Left: 3096.727+/-0.695

χ^2/NDF : 32118591.8/33

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2553.544+/-0.728

χ^2/NDF : 26112767.4/32

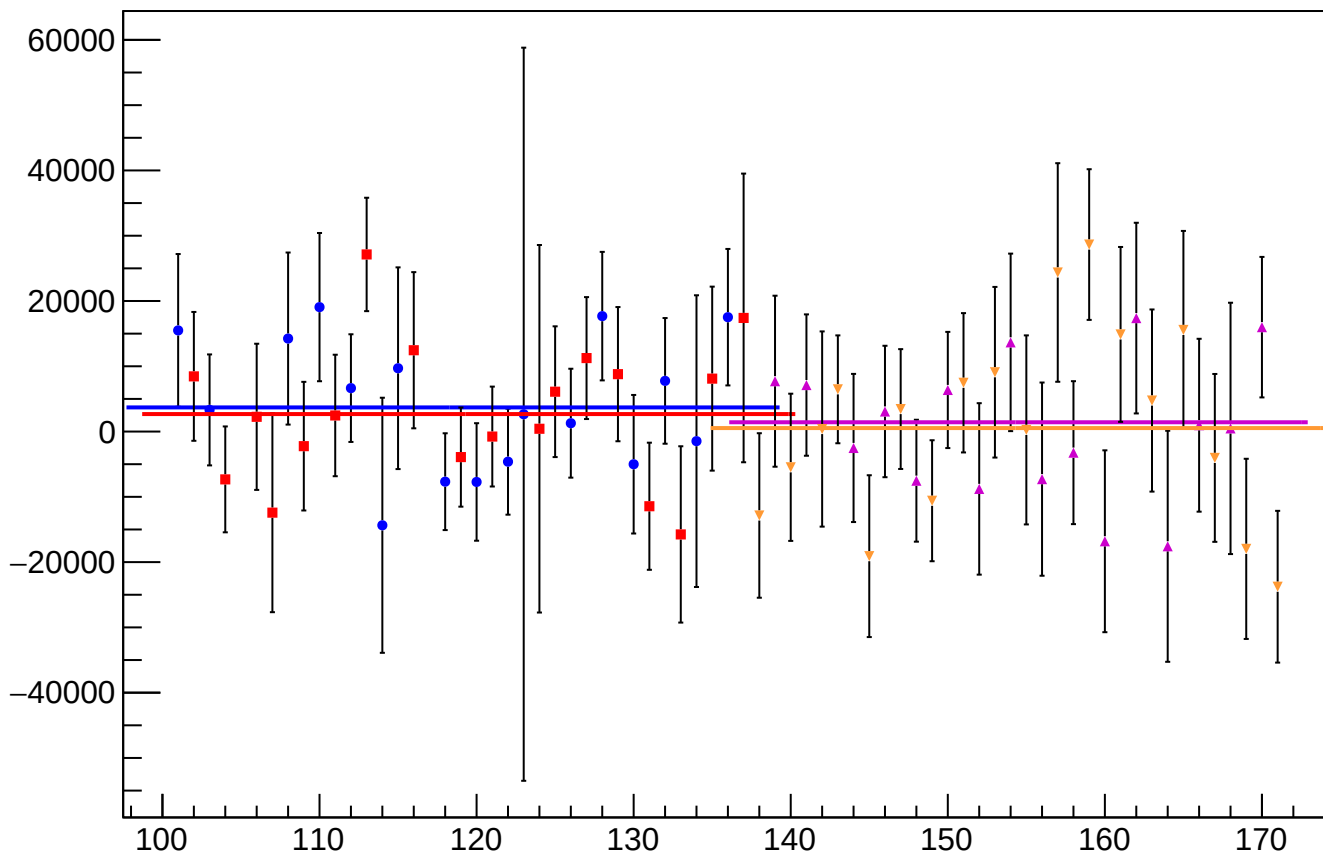
Out: 1218.968+/-0.408

χ^2/NDF : 32010742.1/35

All: 1537.593+/-0.356

χ^2/NDF : 60683395.7/6

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 533.505+/-2799.976 χ^2/NDF : 23.3/17

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 1423.671+/-3011.386 χ^2/NDF : 9.7/15

Left: 946.248+/-2050.551 χ^2/NDF : 33.1/33

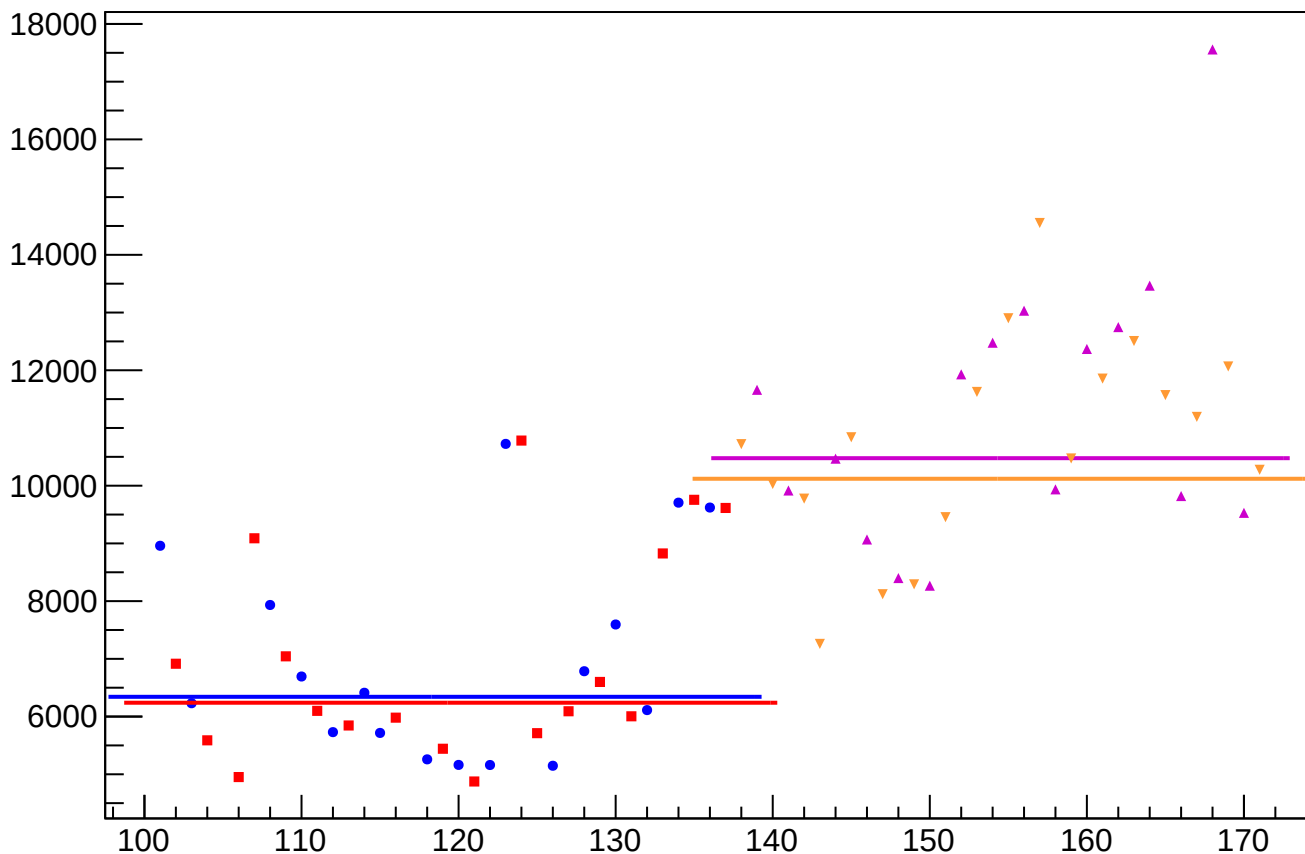
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2762.452+/-1931.670 χ^2/NDF : 24.4/32

Out: 1758.133+/-1834.653 χ^2/NDF : 42.2/35

All: 2234.439+/-1330.272 χ^2/NDF : 66.8/68

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10120.184+/-1.980 χ^2/NDF : 839640.3/17

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10476.733+/-2.129 χ^2/NDF : 848647.4/15

Left: 10285.505+/-1.450 χ^2/NDF : 1703324.9/33

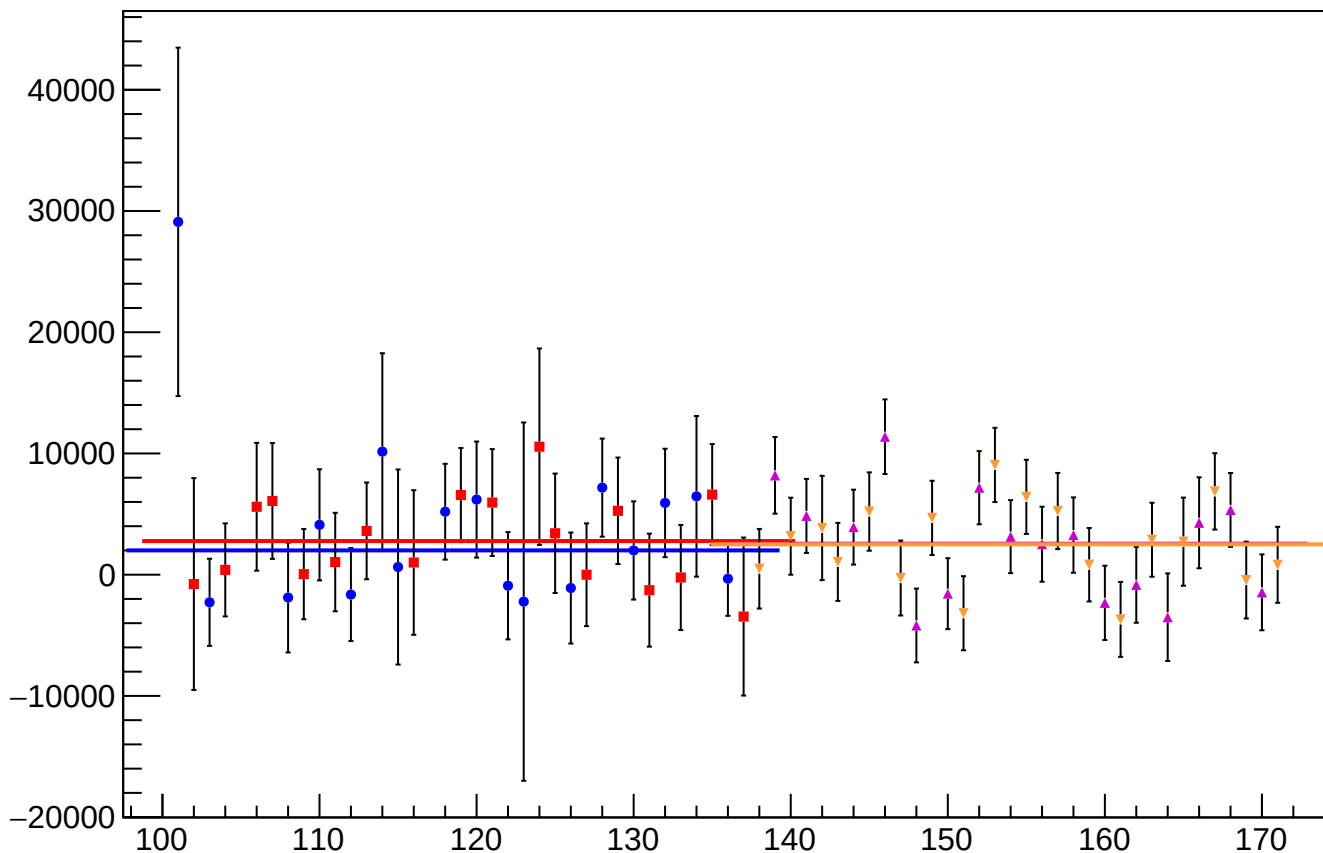
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8043.482+/-1.366 χ^2/NDF : 3661009.7/32

Out: 7905.666+/-1.297 χ^2/NDF : 3561100.4/35

All: 7971.024+/-0.941 χ^2/NDF : 7227462.5/68

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 2504.381+/-751.558 χ^2/NDF : 20.6/17

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 2555.004+/-781.578 χ^2/NDF : 30.7/15

Left: 2528.701+/-541.734 χ^2/NDF : 51.3/33

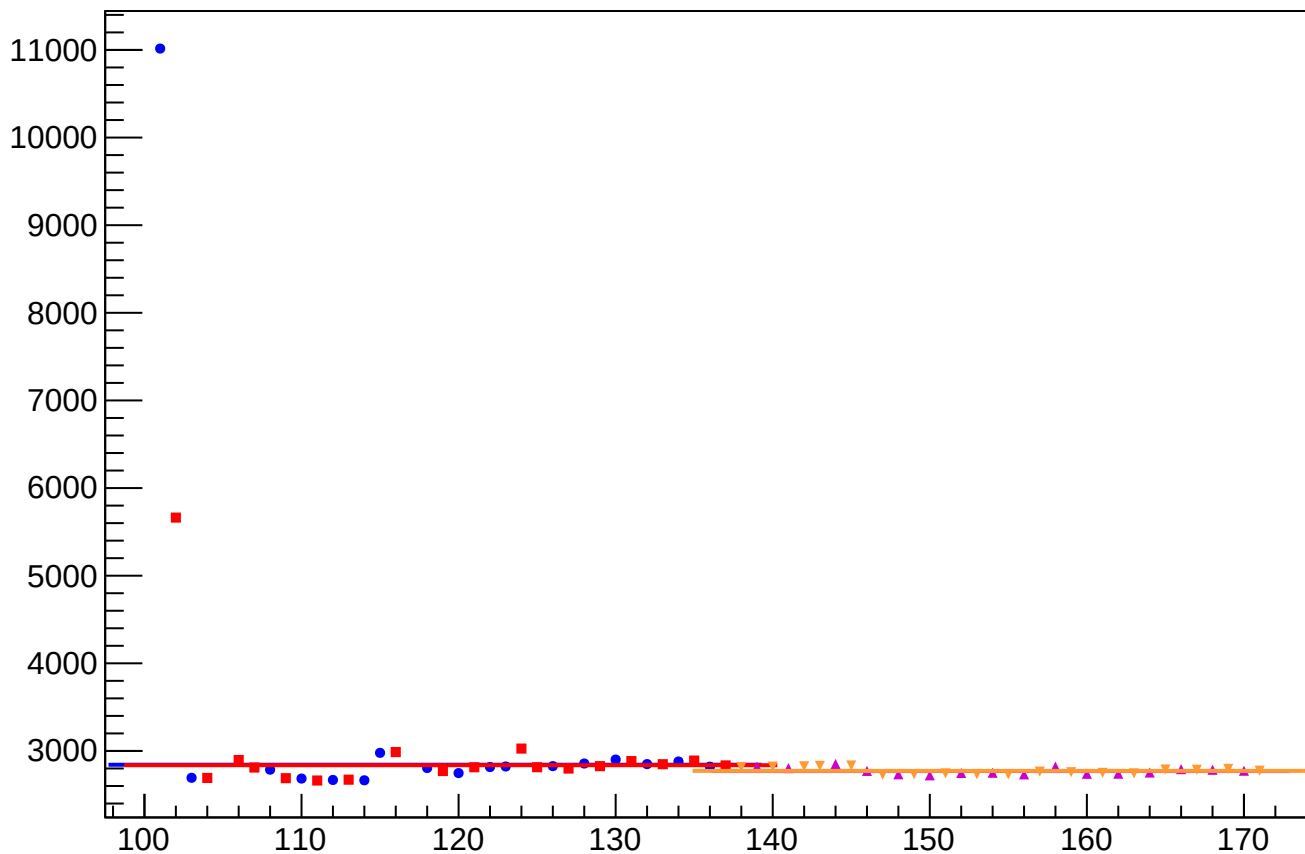
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 2375.917+/-641.957 χ^2/NDF : 44.6/32

Out: 2592.264+/-618.151 χ^2/NDF : 29.0/35

All: 2488.176+/-445.277 χ^2/NDF : 73.6/68

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2772.605+/-0.531 χ^2/NDF : 4564.3/17

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2770.774+/-0.553 χ^2/NDF : 4511.1/15

Left: 2771.725+/-0.383 χ^2/NDF : 9081.1/33

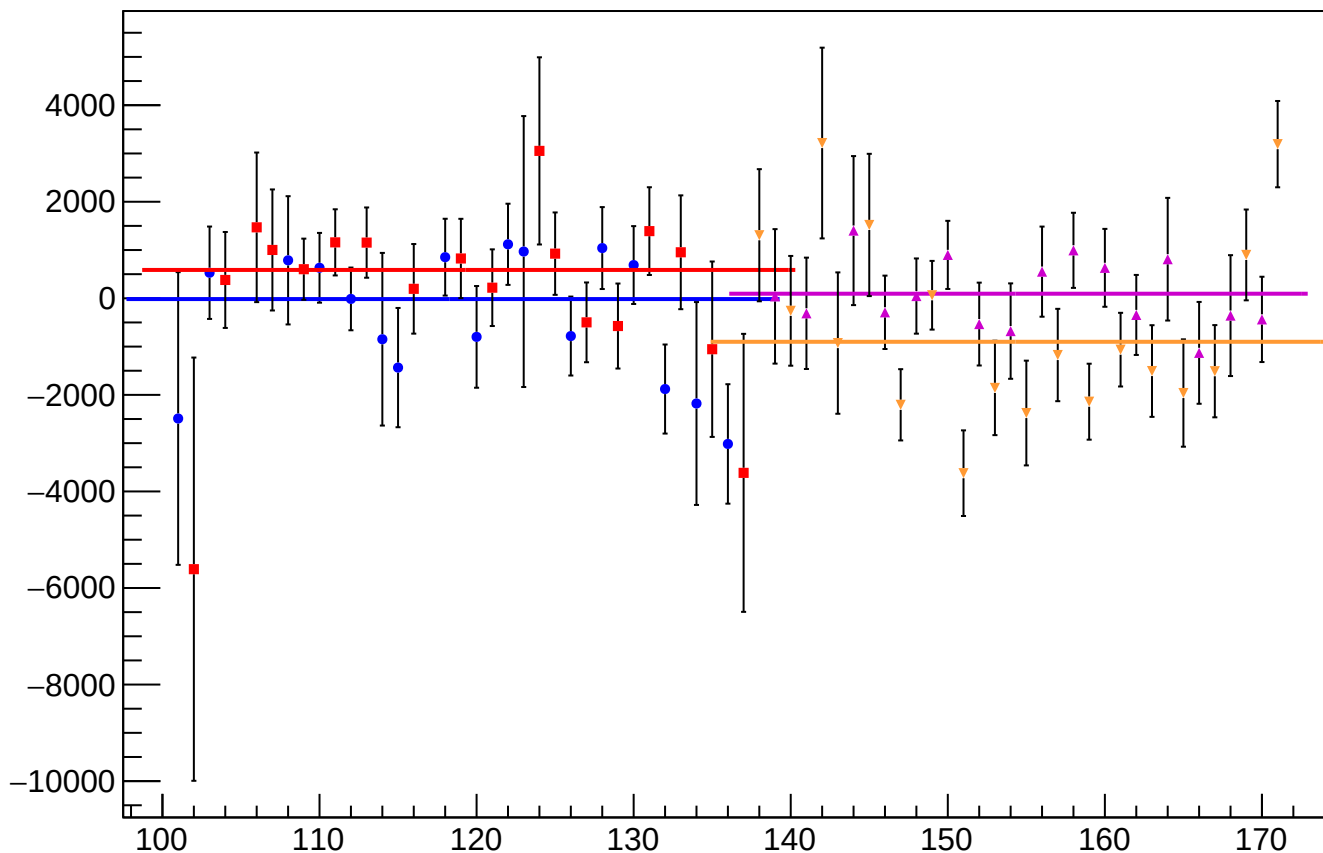
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2794.153+/-0.454 χ^2/NDF : 670316.3/32

Out: 2793.579+/-0.437 χ^2/NDF : 235801.2/35

All: 2793.855+/-0.315 χ^2/NDF : 906118.3/68

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -900.359 $\pm$ 227.656 χ^2/NDF : 56.1/17

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 95.249 $\pm$ 231.314 χ^2/NDF : 8.0/15

Left: -410.490 $\pm$ 162.255 χ^2/NDF : 73.5/33

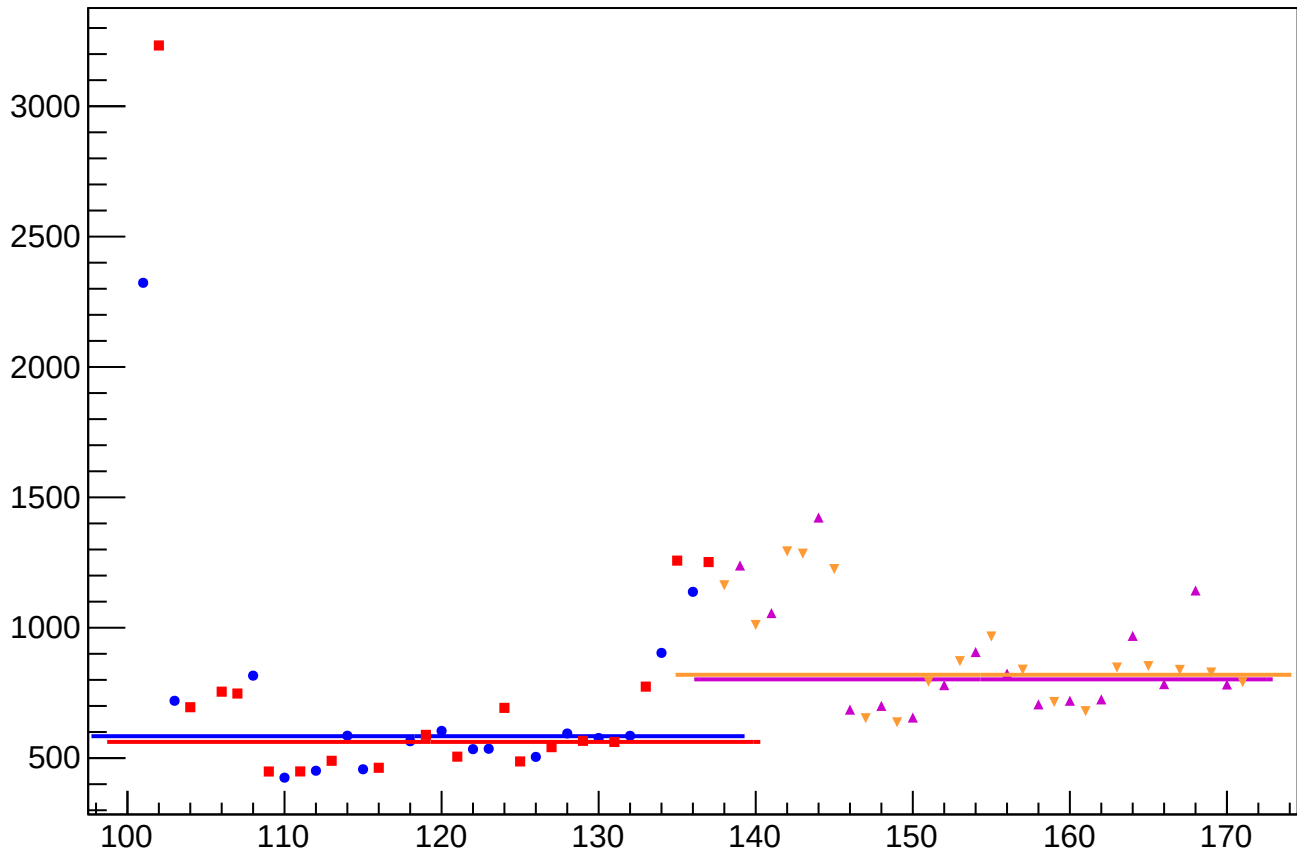
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 41.589 $\pm$ 166.168 χ^2/NDF : 29.7/32

Out: -150.322 $\pm$ 160.321 χ^2/NDF : 91.0/35

All: -57.803 $\pm$ 115.376 χ^2/NDF : 121.4/68

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 819.559+/-0.161 χ^2/NDF :1036946.6/17

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 802.009+/-0.164 χ^2/NDF :1061464.1/15

Left: 810.924+/-0.115 χ^2/NDF : 2104259.0/33

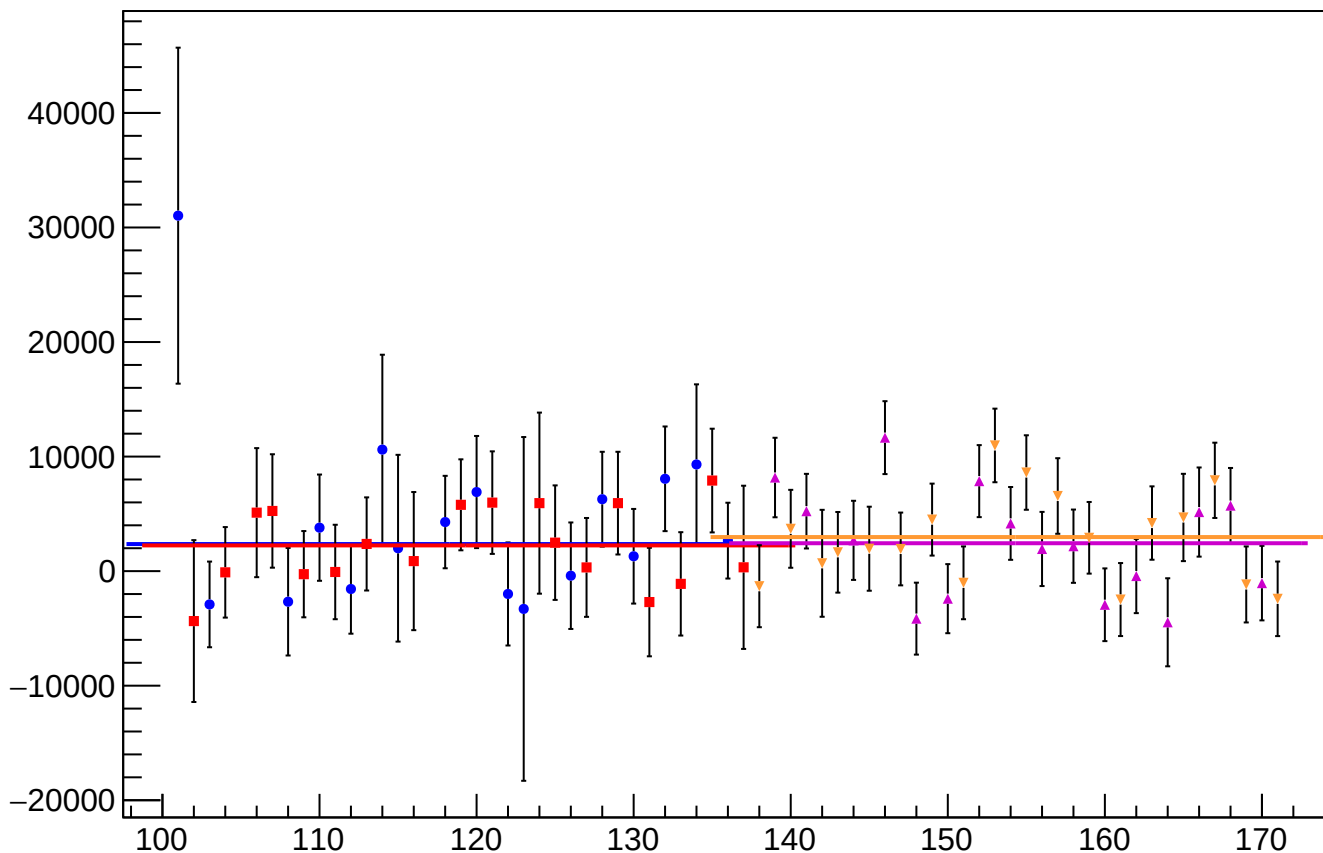
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 696.530+/-0.117 χ^2/NDF :3357398.5/32

Out: 689.793+/-0.113 χ^2/NDF :3851398.6/35

All: 693.041+/-0.082 χ^2/NDF : 7210499.6/68

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2973.748+/-792.224 χ^2/NDF : 24.1/17

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2435.412+/-822.046 χ^2/NDF : 31.6/15

Left: 2714.522+/-570.439 χ^2/NDF : 56.0/33

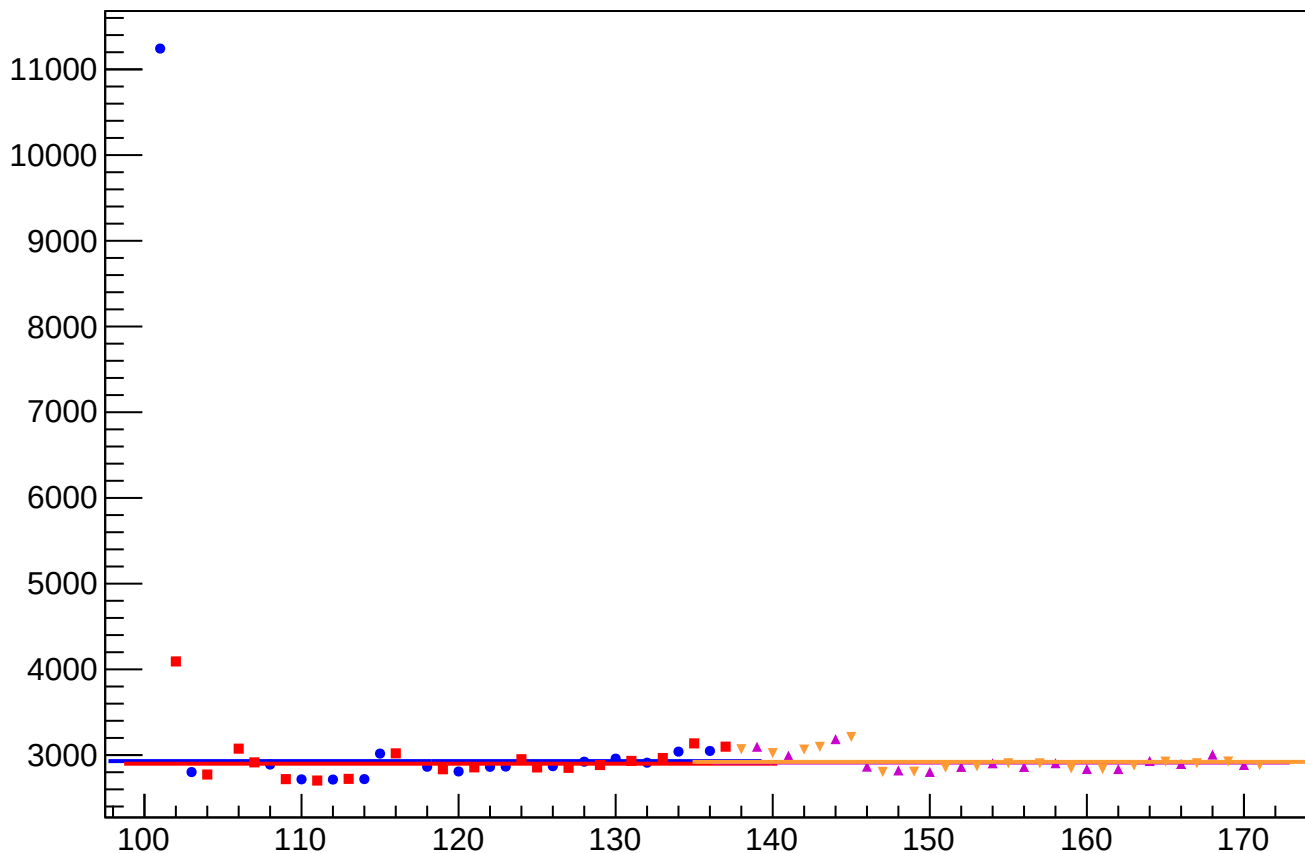
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2411.135+/-670.695 χ^2/NDF : 46.7/32

Out: 2728.515+/-645.212 χ^2/NDF : 32.9/35

All: 2575.969+/-464.982 χ^2/NDF : 79.8/68

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654 ± 0.820 χ^2/NDF : 662629.0/16

Left Out: 2920.634 ± 0.560 χ^2/NDF : 34726.1/17

Right Out: 2899.431 ± 0.786 χ^2/NDF : 83543.1/17

Left In: 2912.728 ± 0.581 χ^2/NDF : 29225.9/15

Left: 2916.827 ± 0.403 χ^2/NDF : 64048.0/33

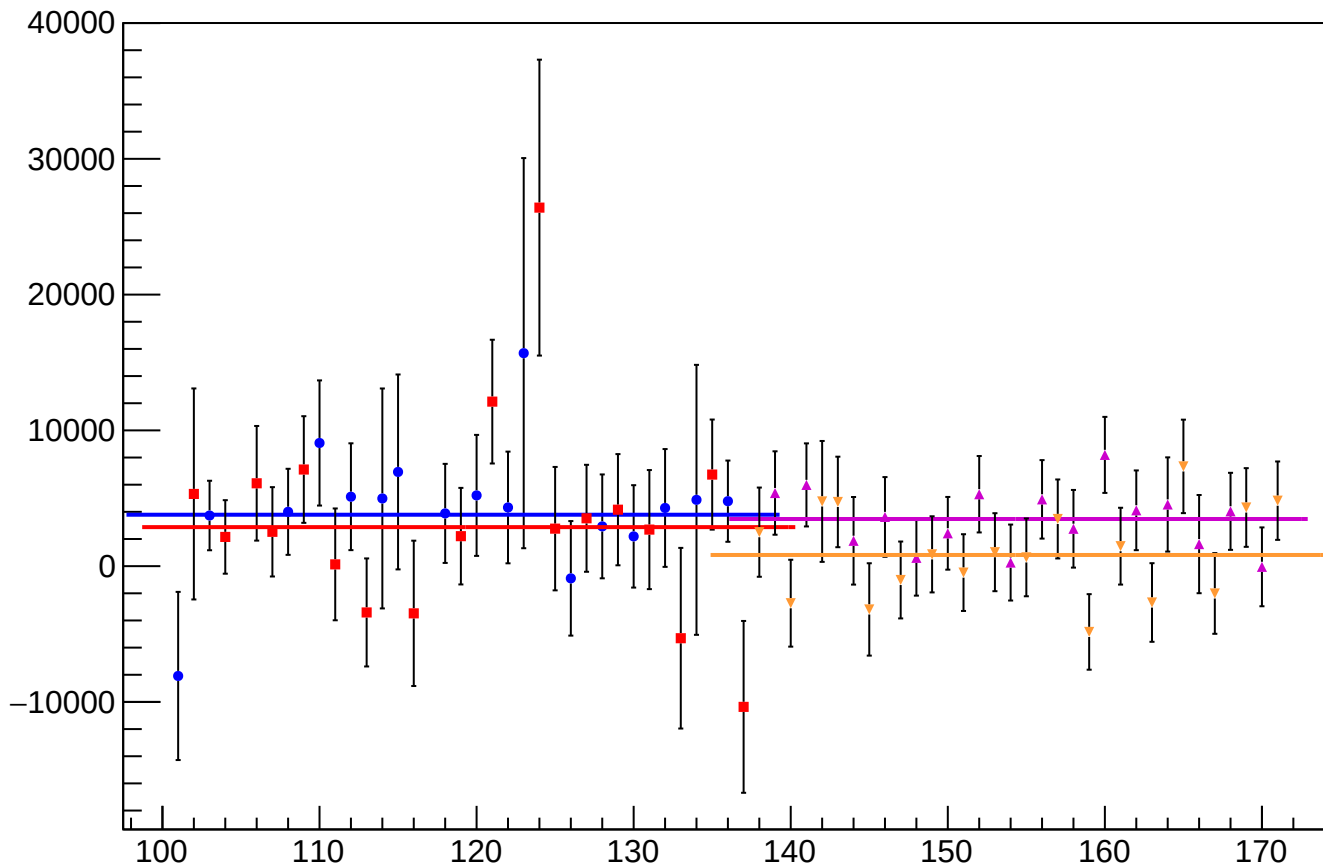
Right: 2913.904 ± 0.568 χ^2/NDF : 746879.7/34

In: 2918.386 ± 0.474 χ^2/NDF : 692138.4/32

Out: 2913.495 ± 0.456 χ^2/NDF : 118751.6/35

All: 2915.846 ± 0.329 χ^2/NDF : 810945.3/68

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 823.471 $\pm$ 713.234 χ^2/NDF : 20.1/17

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3473.312 $\pm$ 738.135 χ^2/NDF : 9.3/15

Left: 2102.942 $\pm$ 512.910 χ^2/NDF : 36.1/33

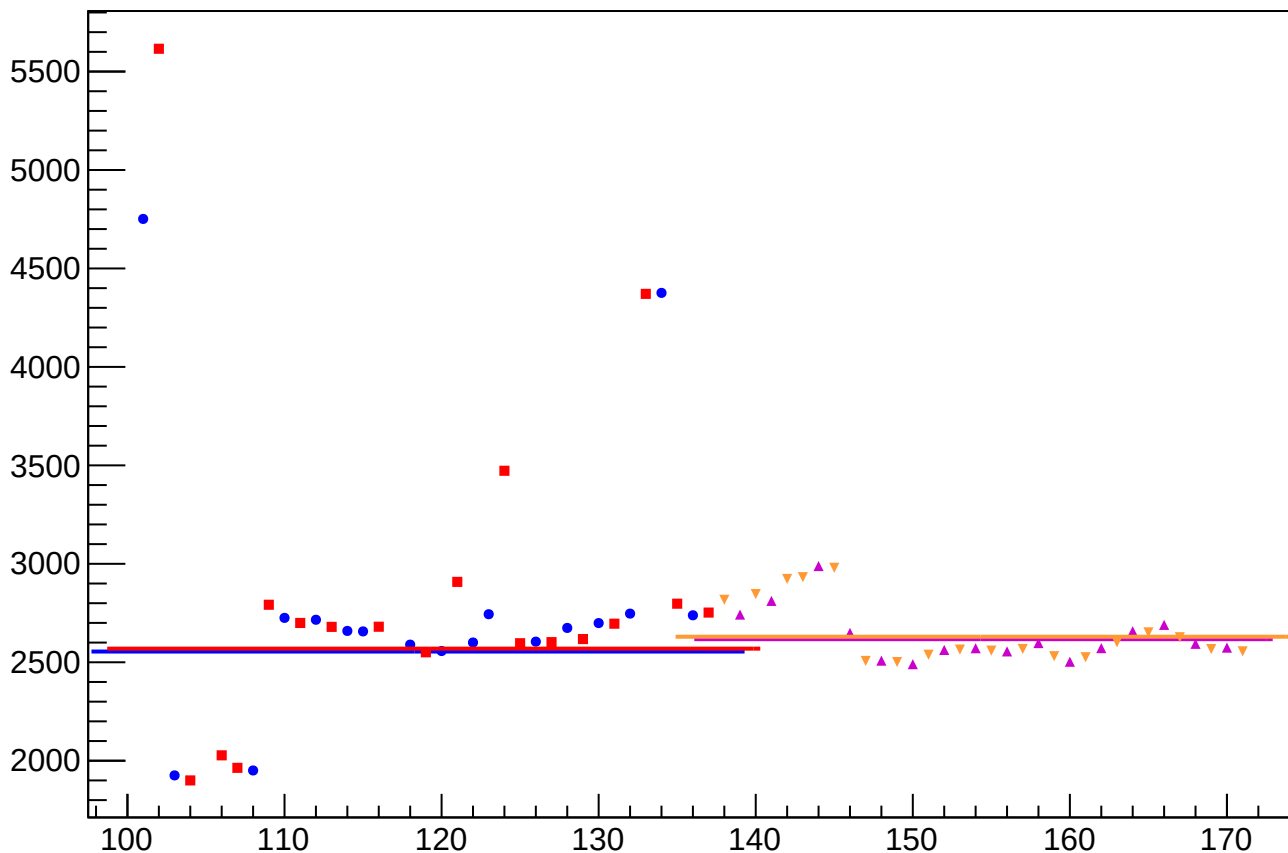
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3583.083 $\pm$ 595.561 χ^2/NDF : 17.1/32

Out: 1511.374 $\pm$ 581.466 χ^2/NDF : 44.9/35

All: 2522.425 $\pm$ 416.052 χ^2/NDF : 68.2/68

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2629.738 $\pm$ 0.504 χ^2 /NDF: 82999.9/17

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2617.329 $\pm$ 0.522 χ^2 /NDF: 53491.8/15

Left: 2623.746 $\pm$ 0.363 χ^2 /NDF: 136784.0/33

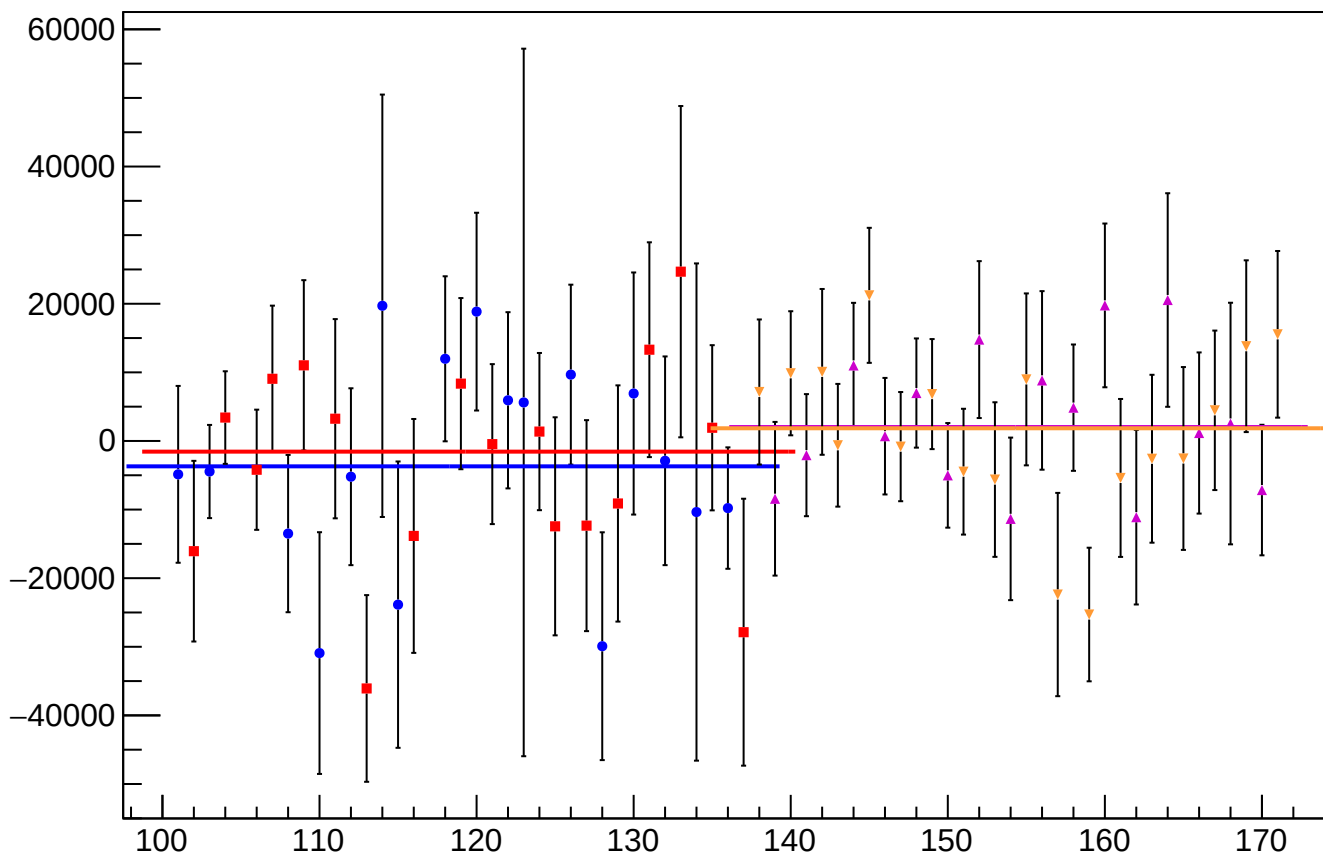
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2595.415 $\pm$ 0.421 χ^2 /NDF: 595169.1/32

Out: 2609.444 $\pm$ 0.411 χ^2 /NDF: 811157.7/35

All: 2602.598 $\pm$ 0.294 χ^2 /NDF: 1406895.0/68

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 ± 3217.843 $\chi^2/\text{NDF}: 13.8/16$

Left Out: 1849.581 ± 2470.432 $\chi^2/\text{NDF}: 20.5/17$

Right Out: -1555.707 ± 2911.769 $\chi^2/\text{NDF}: 16.8/17$

Left In: 2032.317 ± 2575.339 $\chi^2/\text{NDF}: 11.8/15$

Left: 1937.152 ± 1782.793 $\chi^2/\text{NDF}: 32.3/33$

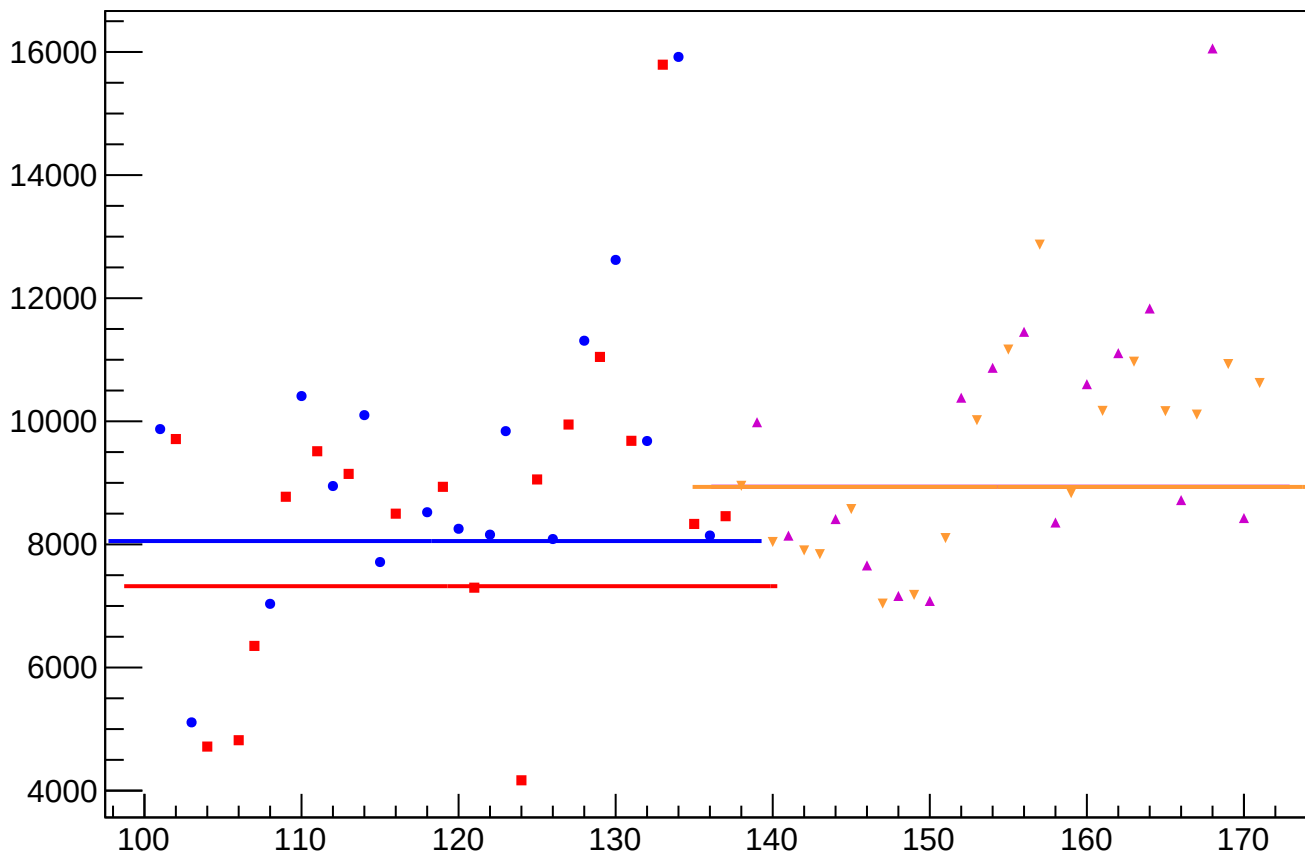
Right: -2520.832 ± 2159.052 $\chi^2/\text{NDF}: 30.8/34$

In: -205.626 ± 2010.677 $\chi^2/\text{NDF}: 27.6/32$

Out: 424.304 ± 1883.778 $\chi^2/\text{NDF}: 38.1/35$

All: 129.843 ± 1374.706 $\chi^2/\text{NDF}: 65.7/68$

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8934.136 $\pm$ 1.747 χ^2 /NDF: 720890.5/17

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 8937.624 $\pm$ 1.821 χ^2 /NDF: 971085.3/15

Left: 8935.808 $\pm$ 1.261 χ^2 /NDF: 1691977.7/33

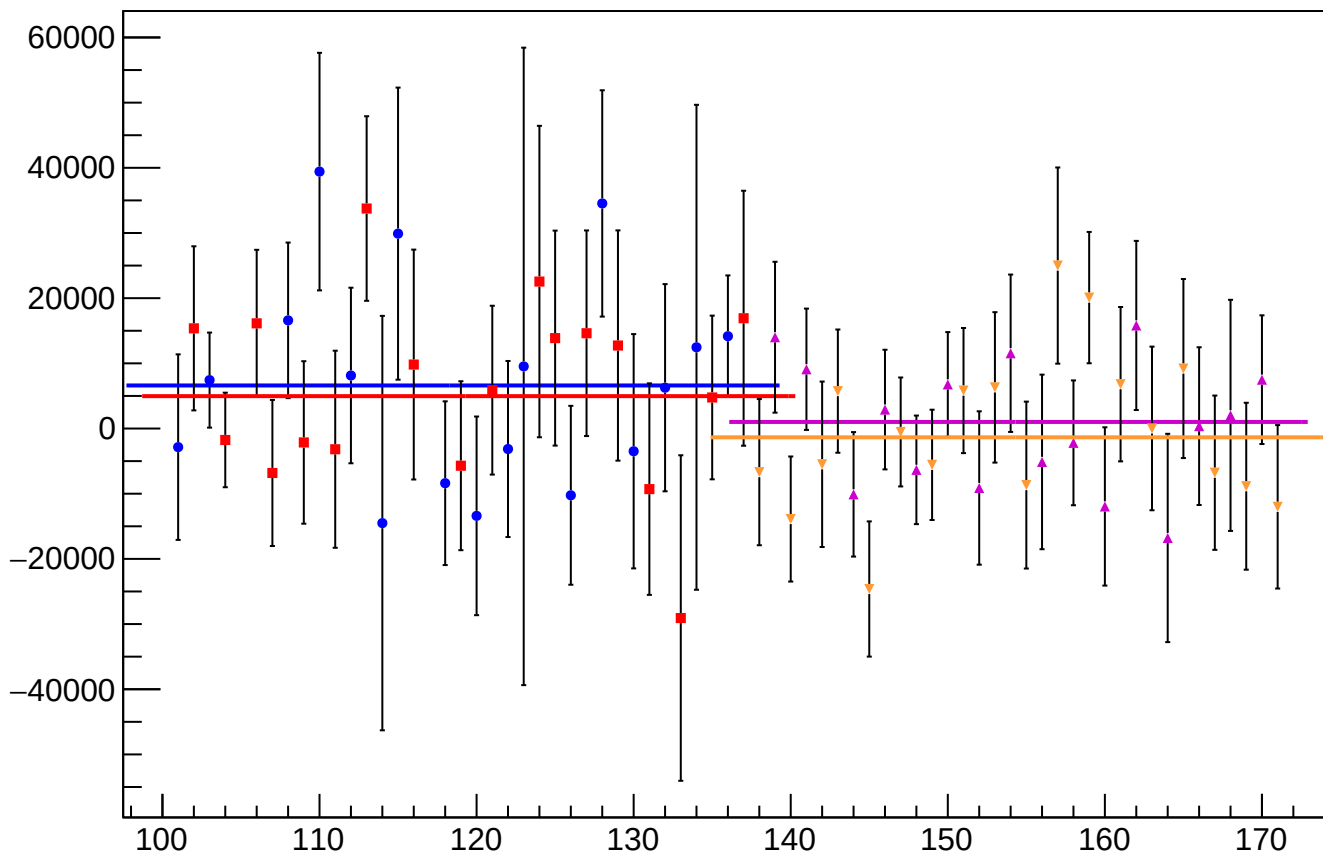
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8592.923 $\pm$ 1.422 χ^2 /NDF: 1883616.8/32

Out: 8259.139 $\pm$ 1.332 χ^2 /NDF: 2413578.4/35

All: 8415.167 $\pm$ 0.972 χ^2 /NDF: 4326547.1/68

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1348.879+/-2574.261 χ^2/NDF : 19.2/17

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1011.120+/-2679.885 χ^2/NDF : 10.6/15

Left: -216.303+/-1856.495 χ^2/NDF : 30.2/33

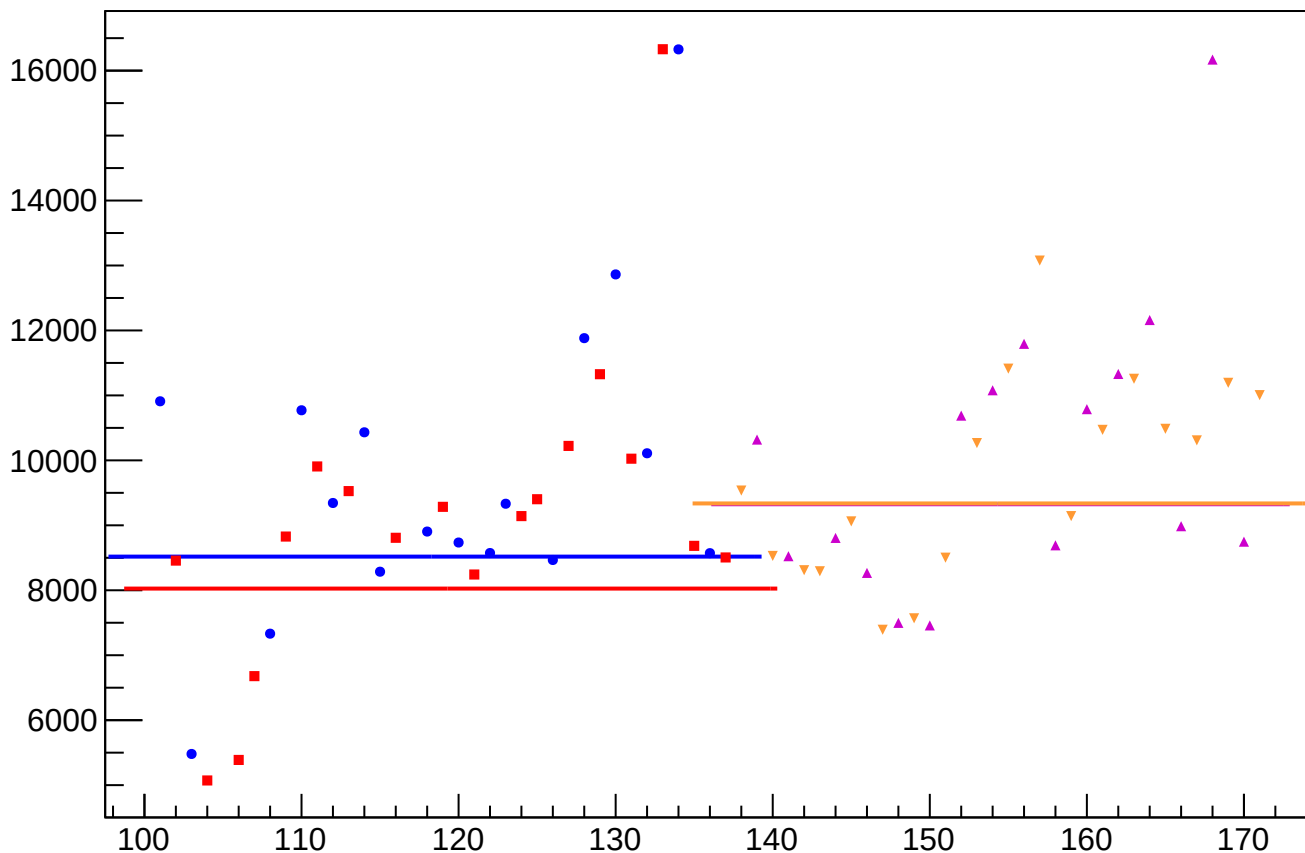
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3158.787+/-2103.716 χ^2/NDF : 27.0/32

Out: 1154.785+/-2000.057 χ^2/NDF : 35.1/35

All: 2106.199+/-1449.515 χ^2/NDF : 62.6/68

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9336.810+/-1.820 χ^2/NDF : 624235.0/17

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9324.202+/-1.895 χ^2/NDF : 858320.6/15

Left: 9330.759+/-1.313 χ^2/NDF : 1482578.6/33

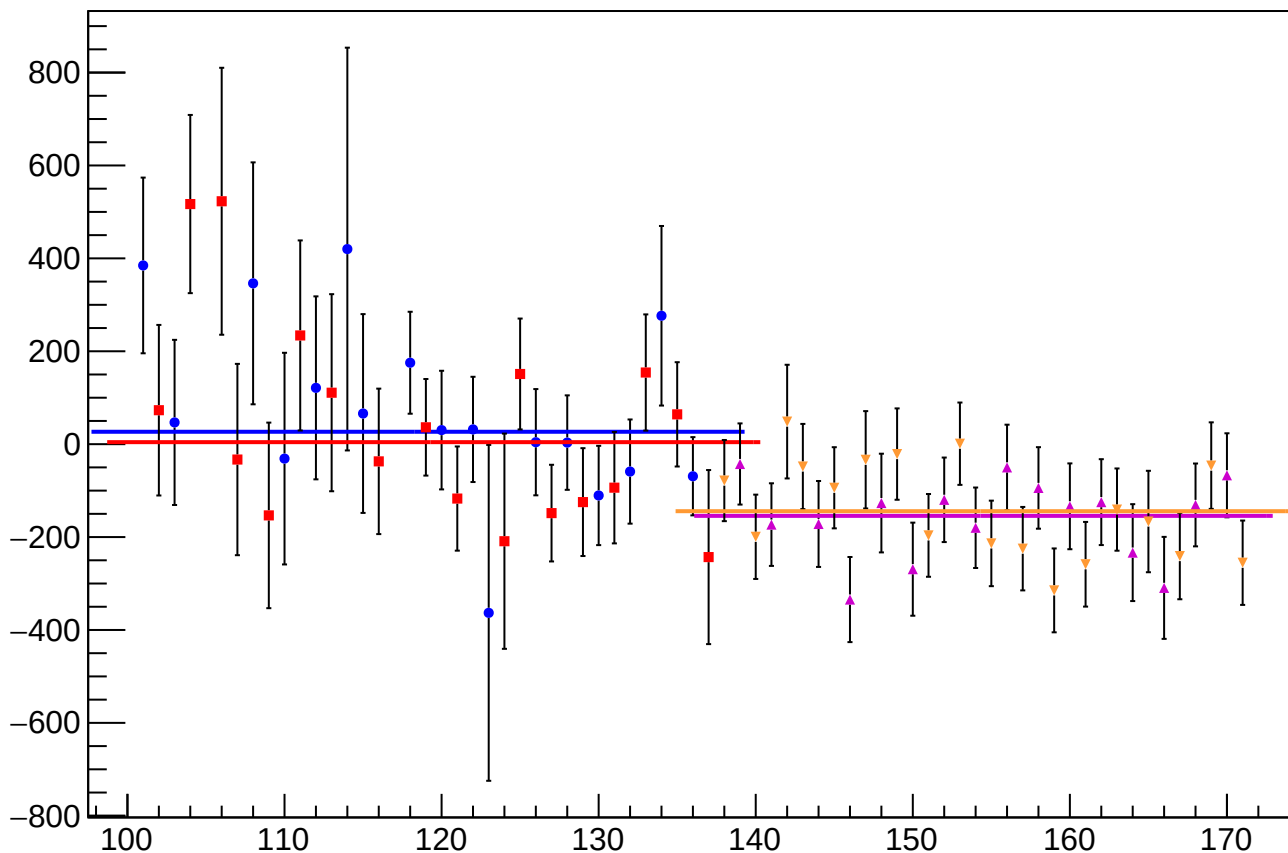
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9014.909+/-1.488 χ^2/NDF : 1699732.4/32

Out: 8817.256+/-1.414 χ^2/NDF : 1772425.3/35

All: 8911.092+/-1.025 χ^2/NDF : 3481430.9/68

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16

Left Out: -144.292 $\pm$ 22.002 χ^2/NDF : 20.8/17

Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17

Left In: -154.322 $\pm$ 23.307 χ^2/NDF : 12.7/15

Left: -149.018 $\pm$ 15.999 χ^2/NDF : 33.6/33

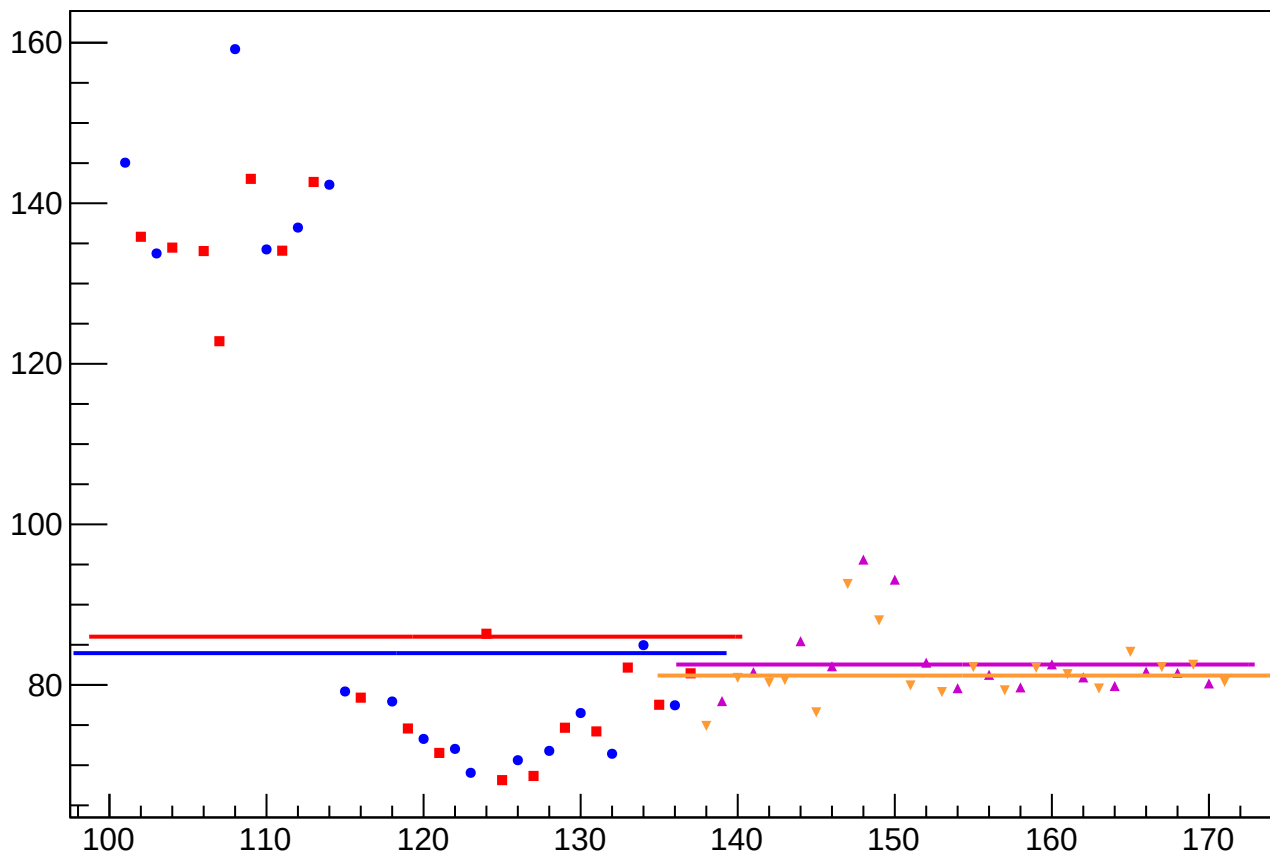
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -95.574 $\pm$ 19.155 χ^2/NDF : 46.8/32

Out: -100.132 $\pm$ 18.447 χ^2/NDF : 58.3/35

All: -97.939 $\pm$ 13.287 χ^2/NDF : 105.1/68

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.169+/-0.016 χ^2/NDF : 55224.9/17

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 82.542+/-0.016 χ^2/NDF : 68703.3/15

Left: 81.816+/-0.011 χ^2/NDF : 127598.8/33

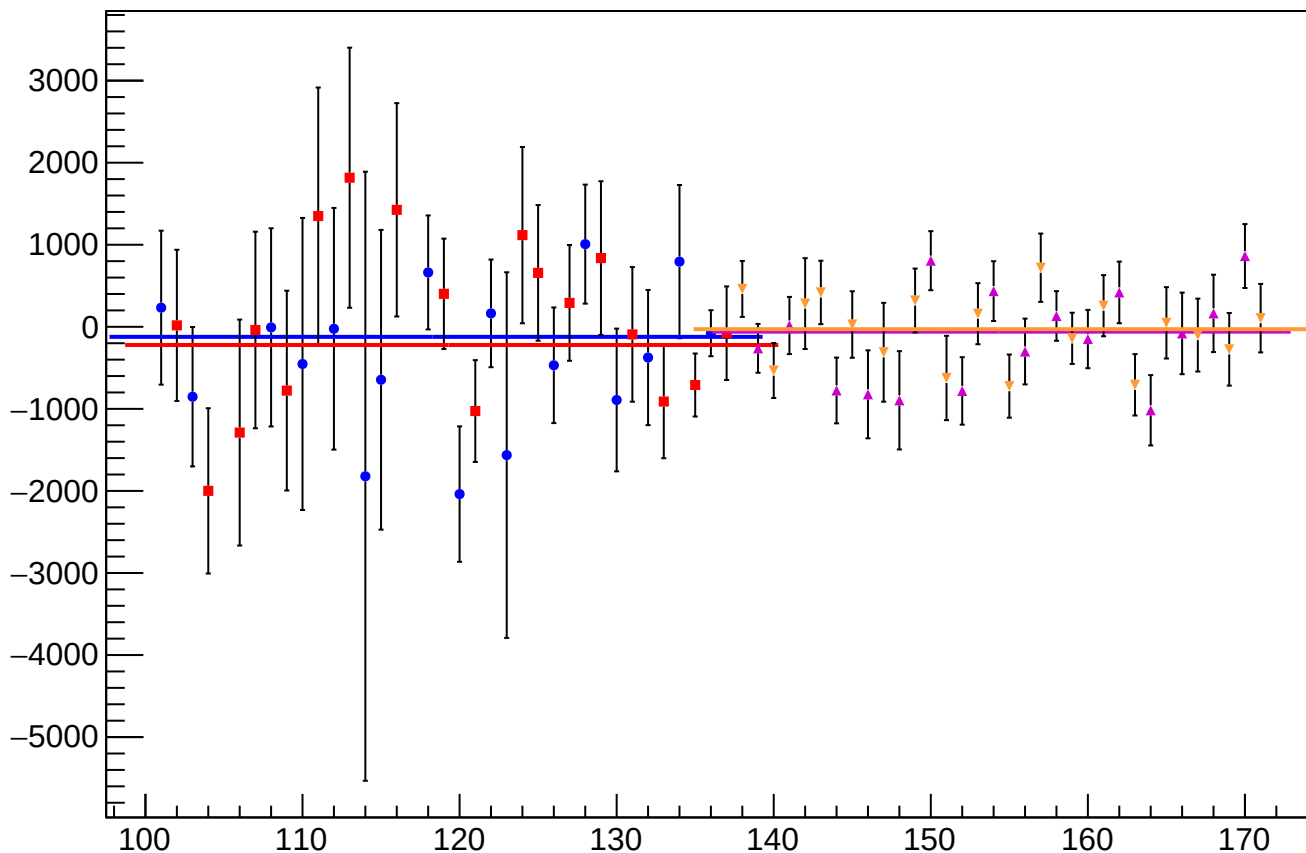
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.002+/-0.014 χ^2/NDF : 1031361.0/32

Out: 82.608+/-0.013 χ^2/NDF : 1110419.4/35

All: 82.798+/-0.009 χ^2/NDF : 2142220.6/68

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -28.981 ± 94.373 $\chi^2/\text{NDF}: 19.6/17$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -58.641 ± 97.133 $\chi^2/\text{NDF}: 31.7/15$

Left: -43.383 ± 67.686 $\chi^2/\text{NDF}: 51.3/33$

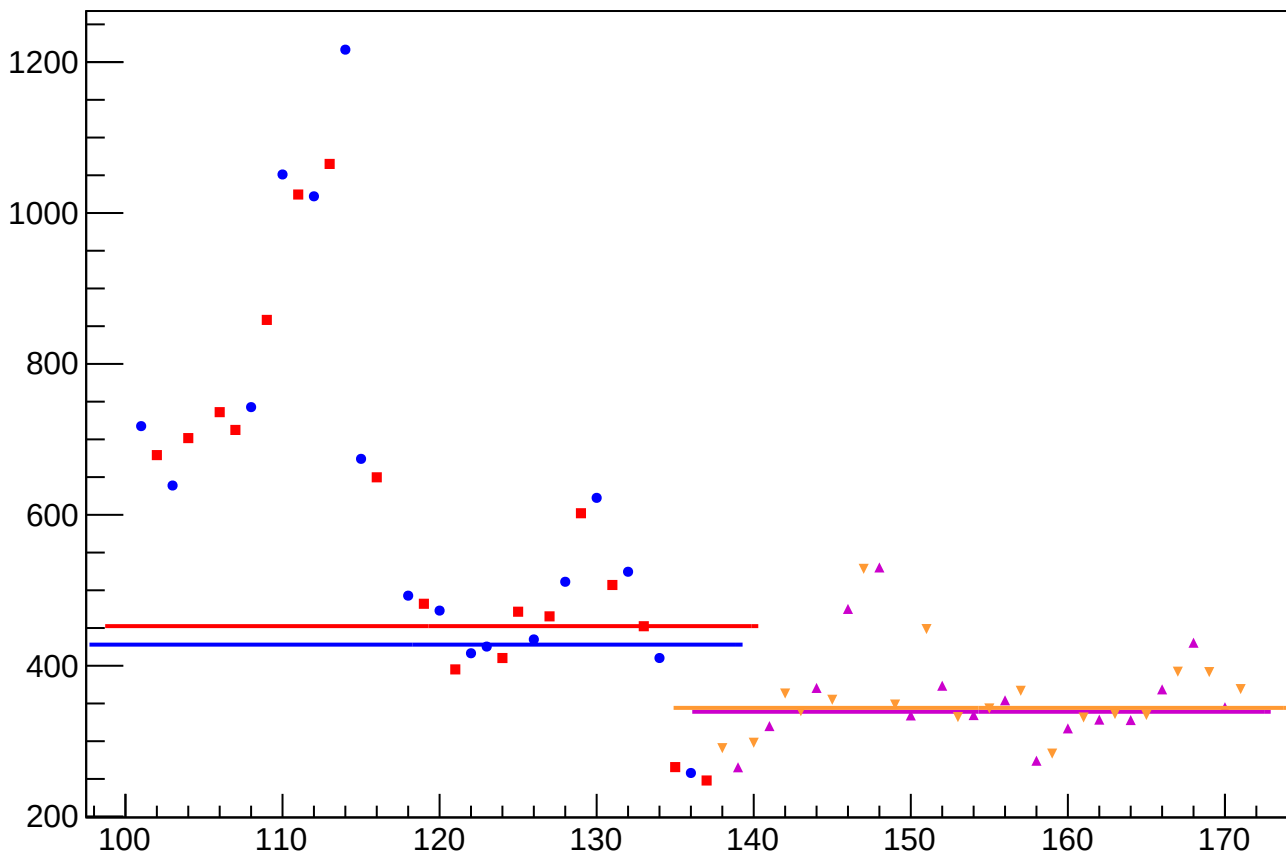
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -73.074 ± 85.437 $\chi^2/\text{NDF}: 44.8/32$

Out: -68.706 ± 84.076 $\chi^2/\text{NDF}: 38.5/35$

All: -70.855 ± 59.926 $\chi^2/\text{NDF}: 83.3/68$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.173+/-0.067 χ^2/NDF : 502291.3/17

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 339.008+/-0.069 χ^2/NDF : 677203.1/15

Left: 341.665+/-0.048 χ^2/NDF : 1182403.7/33

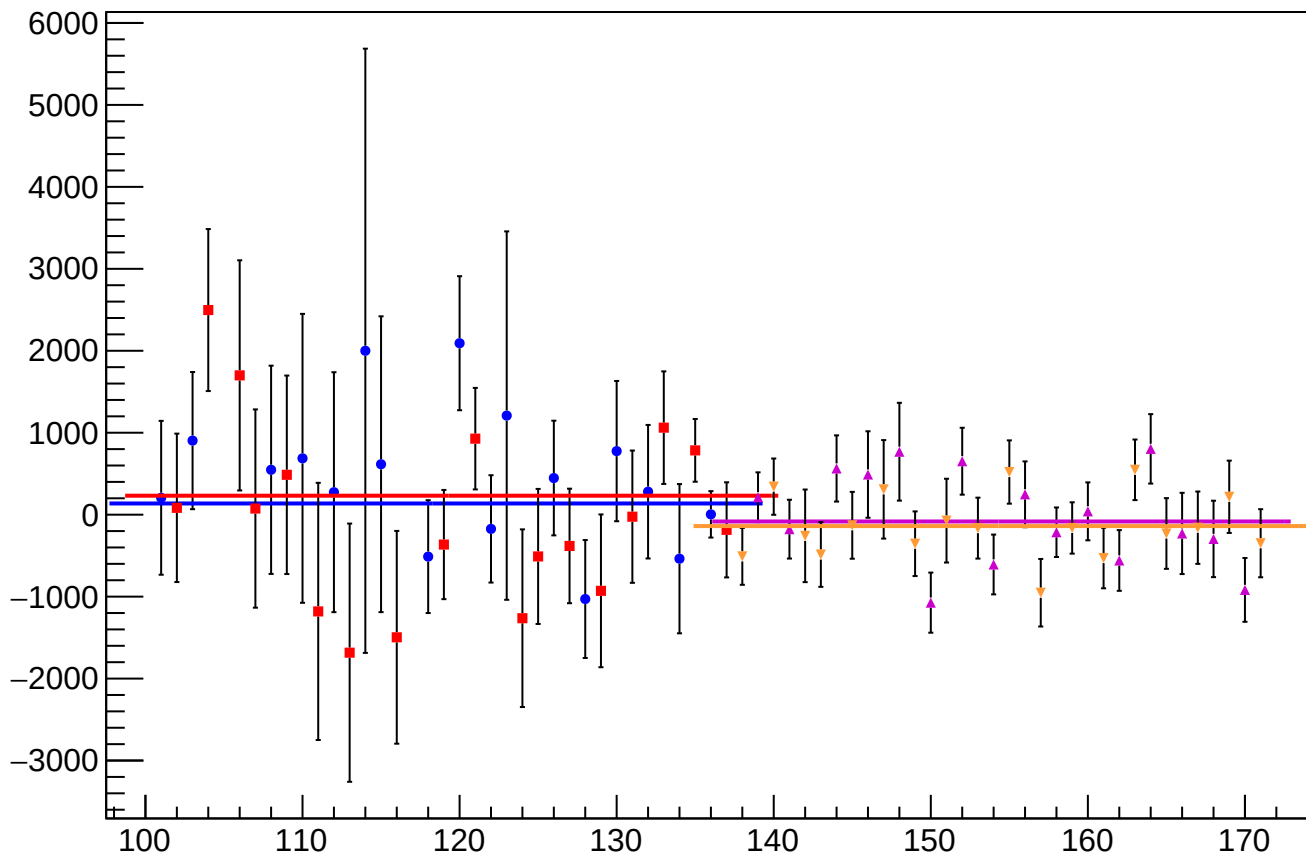
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 359.146+/-0.060 χ^2/NDF : 3119286.0/32

Out: 366.524+/-0.059 χ^2/NDF : 3119081.8/35

All: 362.895+/-0.042 χ^2/NDF : 6245945.3/68

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -139.055 $\pm$ 94.698 χ^2 /NDF:17.1/17

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -82.891 $\pm$ 97.401 χ^2 /NDF:31.3/15

Left: -111.763 $\pm$ 67.897 χ^2 /NDF: 48.6/33

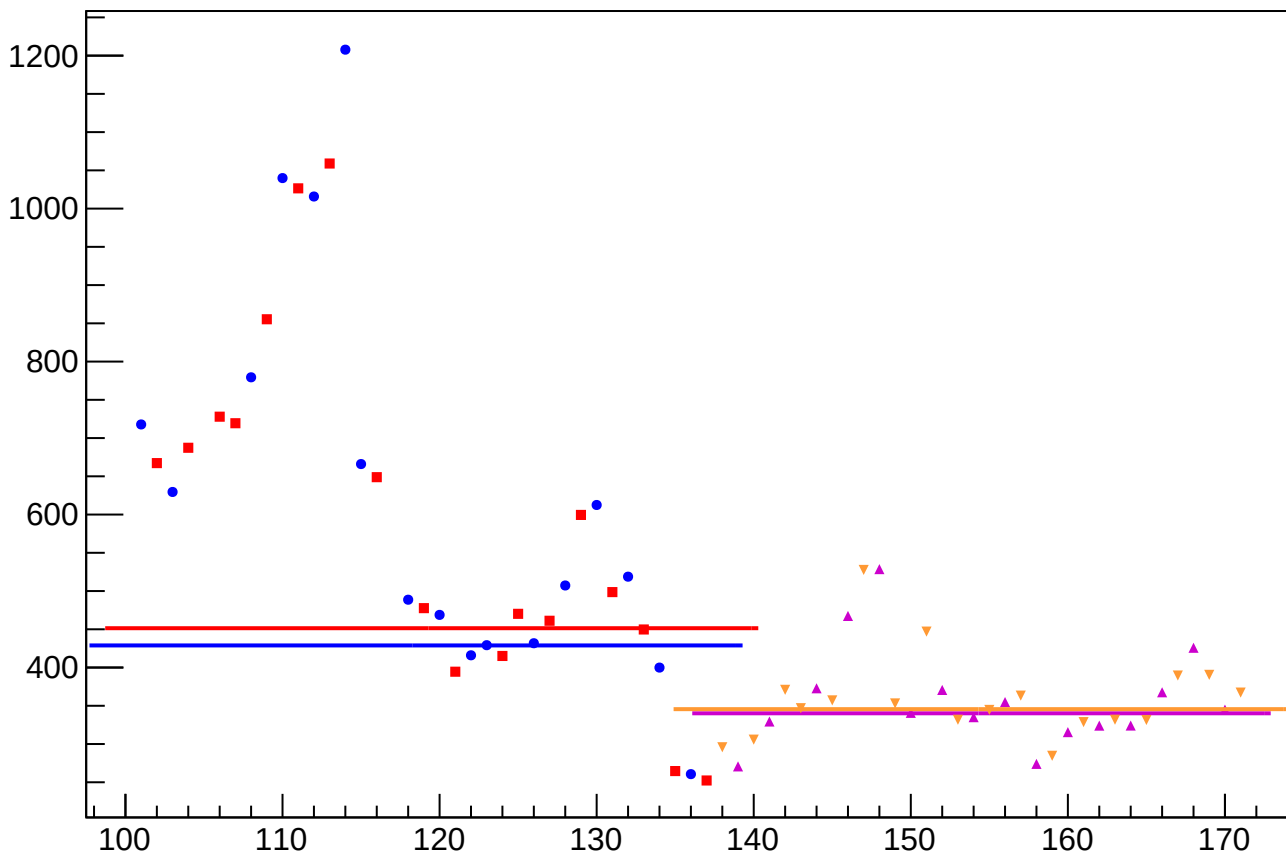
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -32.963 $\pm$ 85.622 χ^2 /NDF:45.1/32

Out: -61.823 $\pm$ 84.256 χ^2 /NDF:42.1/35

All: -47.625 $\pm$ 60.055 χ^2 /NDF: 87.2/68

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.585+/-0.067 χ^2/NDF :474021.0/17

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 340.175+/-0.069 χ^2/NDF :635886.7/15

Left: 342.956+/-0.048 χ^2/NDF : 1113079.4/33

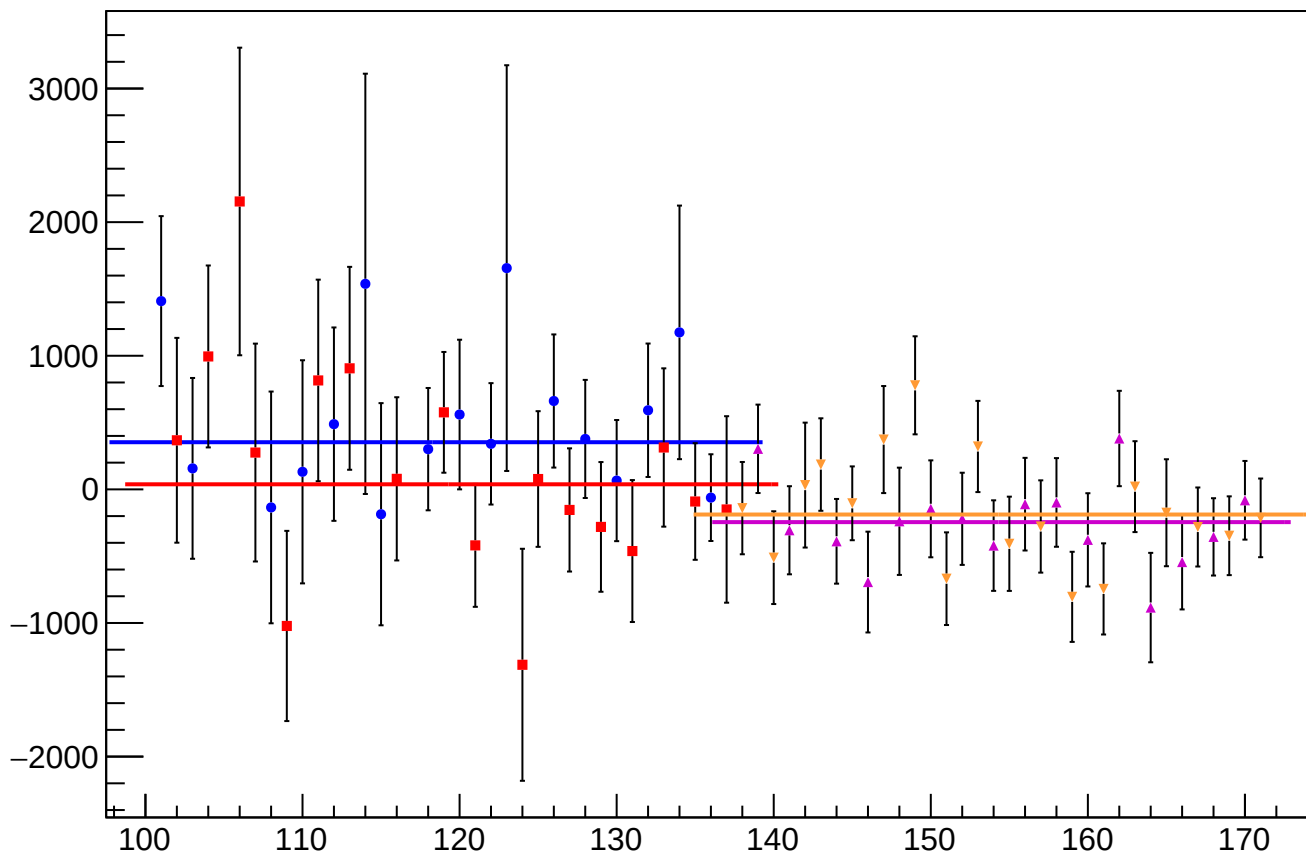
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.335+/-0.061 χ^2/NDF :3023532.0/32

Out: 367.636+/-0.060 χ^2/NDF :3025210.9/35

All: 364.044+/-0.042 χ^2/NDF : 6056129.9/68

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -188.257 ± 79.951 $\chi^2/\text{NDF}: 22.6/17$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -245.140 ± 85.401 $\chi^2/\text{NDF}: 11.9/15$

Left: -214.826 ± 58.365 $\chi^2/\text{NDF}: 34.8/33$

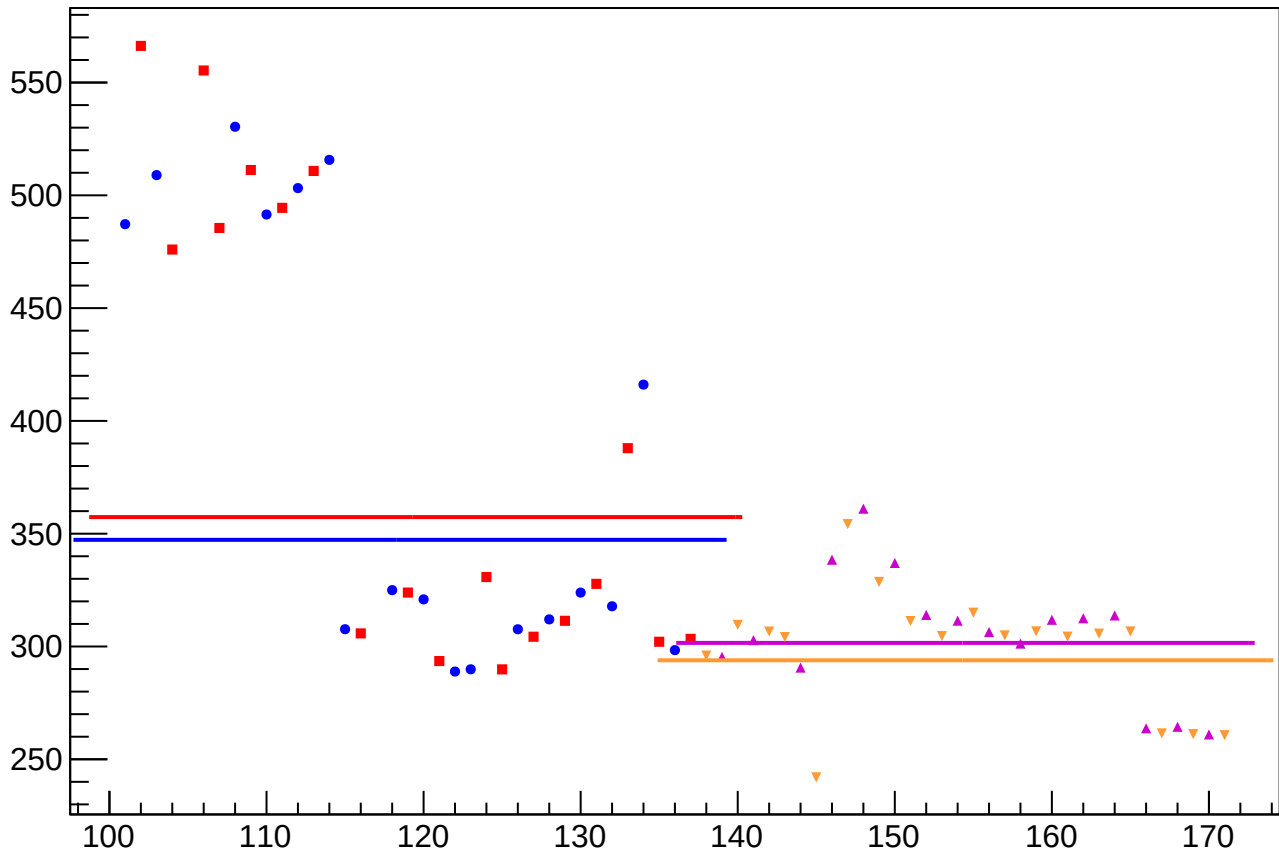
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -78.299 ± 72.517 $\chi^2/\text{NDF}: 34.1/32$

Out: -132.030 ± 69.307 $\chi^2/\text{NDF}: 41.6/35$

All: -106.380 ± 50.104 $\chi^2/\text{NDF}: 76.0/68$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 293.880 $\pm$ 0.057 χ^2/NDF :240908.9/17

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 301.594 $\pm$ 0.060 χ^2/NDF :189134.9/15

Left: 297.483 $\pm$ 0.041 χ^2/NDF : 438739.0/33

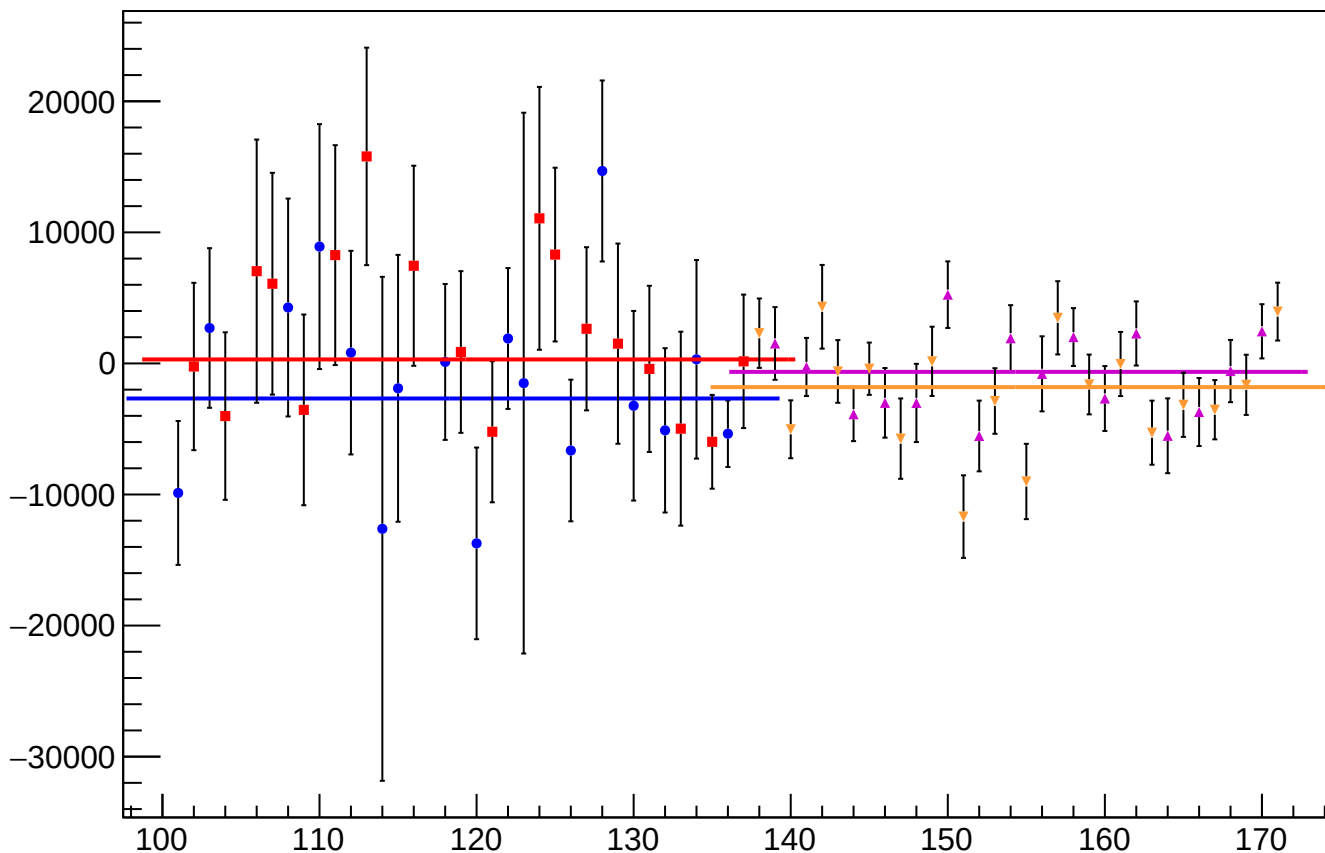
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 314.339 $\pm$ 0.051 χ^2/NDF :967712.0/32

Out: 309.658 $\pm$ 0.049 χ^2/NDF :1314250.6/35

All: 311.892 $\pm$ 0.035 χ^2/NDF : 2286317.2/68

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1808.123 $\pm$ 585.666 χ^2/NDF : 41.3/17

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -643.606 $\pm$ 618.672 χ^2/NDF : 24.3/15

Left: -1257.756 $\pm$ 425.318 χ^2/NDF : 67.5/33

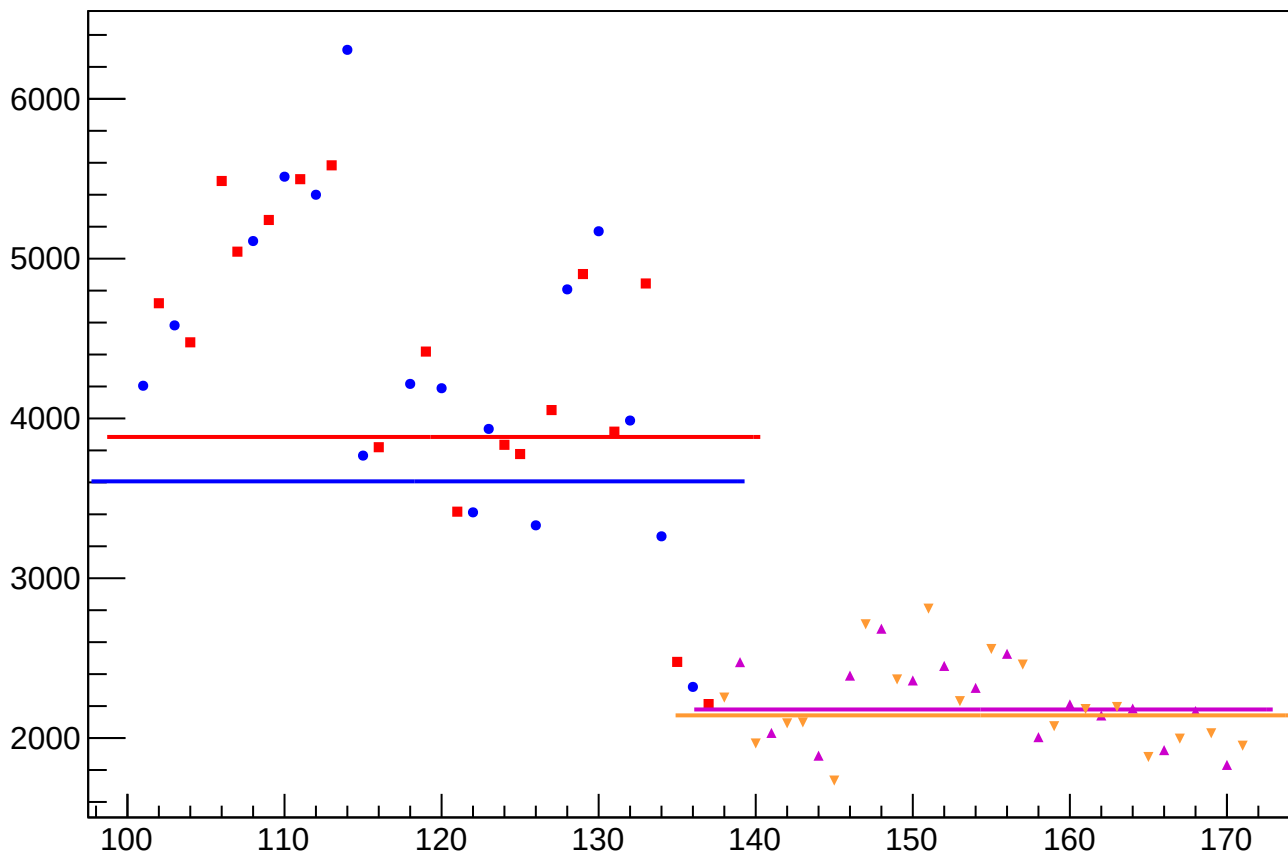
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -954.066 $\pm$ 569.413 χ^2/NDF : 42.7/32

Out: -1534.305 $\pm$ 546.401 χ^2/NDF : 57.3/35

All: -1256.147 $\pm$ 394.248 χ^2/NDF : 100.6/68

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2141.903+/-0.414 χ^2/NDF : 398523.4/17

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2178.809+/-0.437 χ^2/NDF : 295883.0/15

Left: 2159.345+/-0.301 χ^2/NDF : 698160.0/33

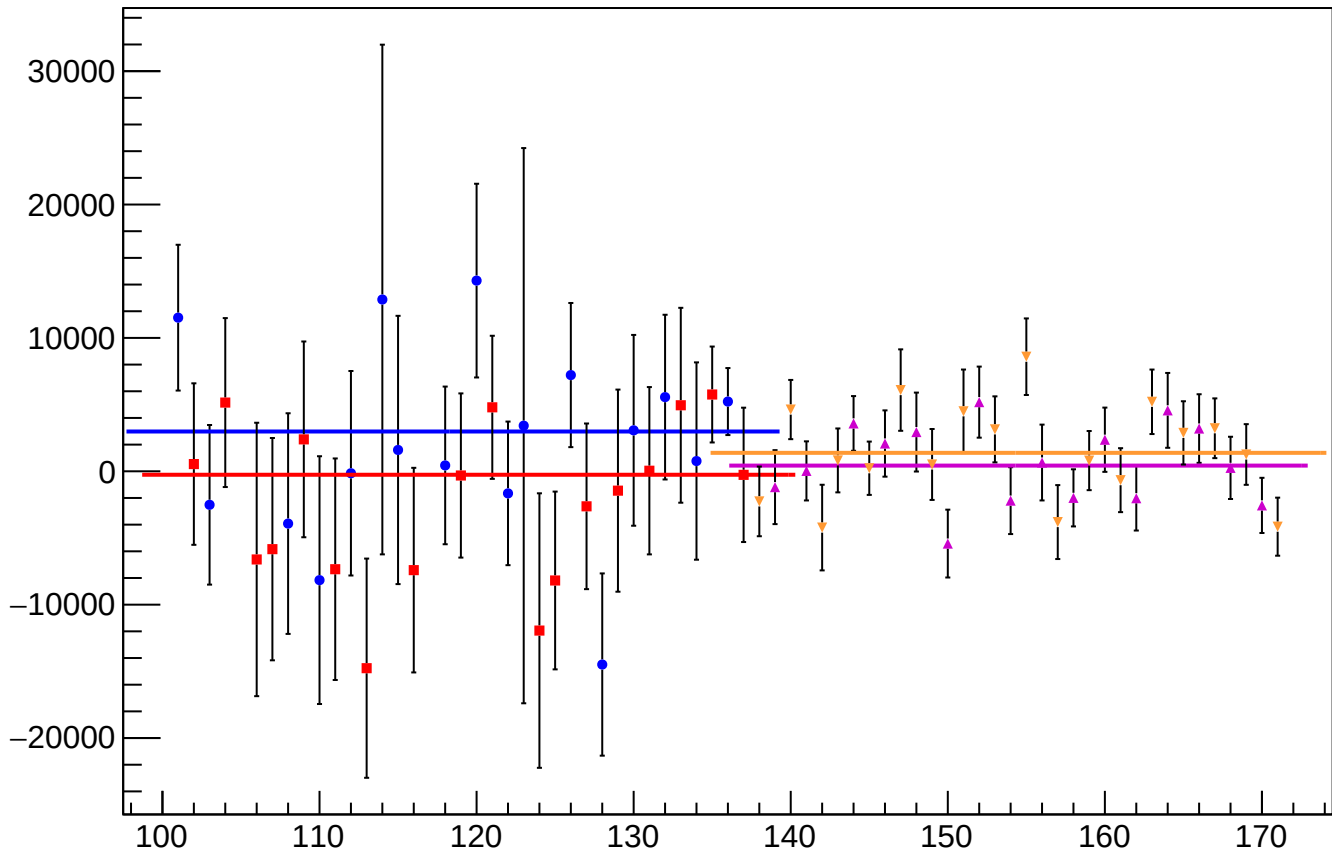
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2397.088+/-0.403 χ^2/NDF : 3016609.9/32

Out: 2367.689+/-0.386 χ^2/NDF : 3686873.7/35

All: 2381.782+/-0.279 χ^2/NDF : 6706259.1/68

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1383.440+/-580.593 χ^2/NDF : 32.2/17

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 427.023+/-610.539 χ^2/NDF : 21.9/15

Left: 929.262+/-420.730 χ^2/NDF : 55.3/33

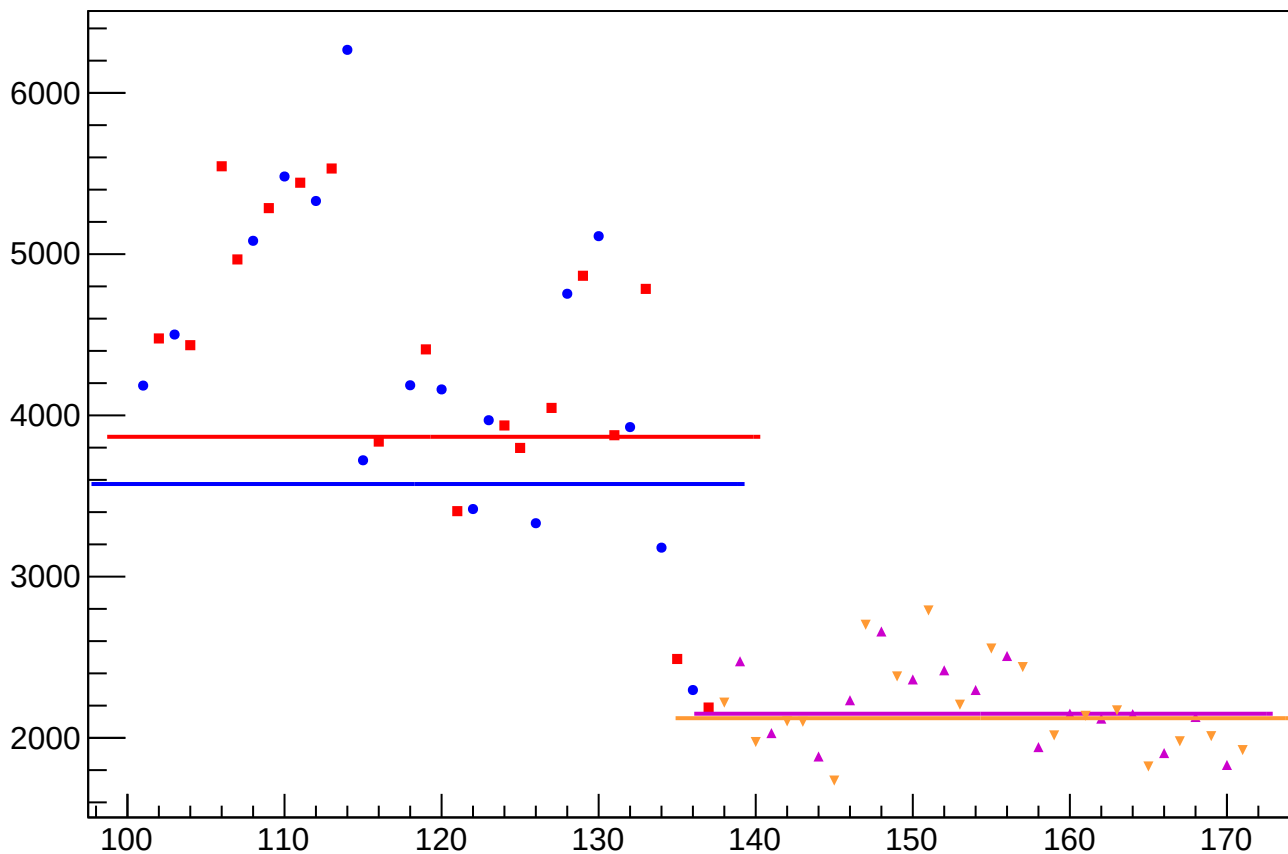
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 814.917+/-562.318 χ^2/NDF : 42.0/32

Out: 1171.889+/-541.931 χ^2/NDF : 46.7/35

All: 999.991+/-390.211 χ^2/NDF : 88.9/68

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2122.004+/-0.411 χ^2/NDF : 409630.0/17

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2149.709+/-0.432 χ^2/NDF : 285978.6/15

Left: 2135.161+/-0.298 χ^2/NDF : 697771.1/33

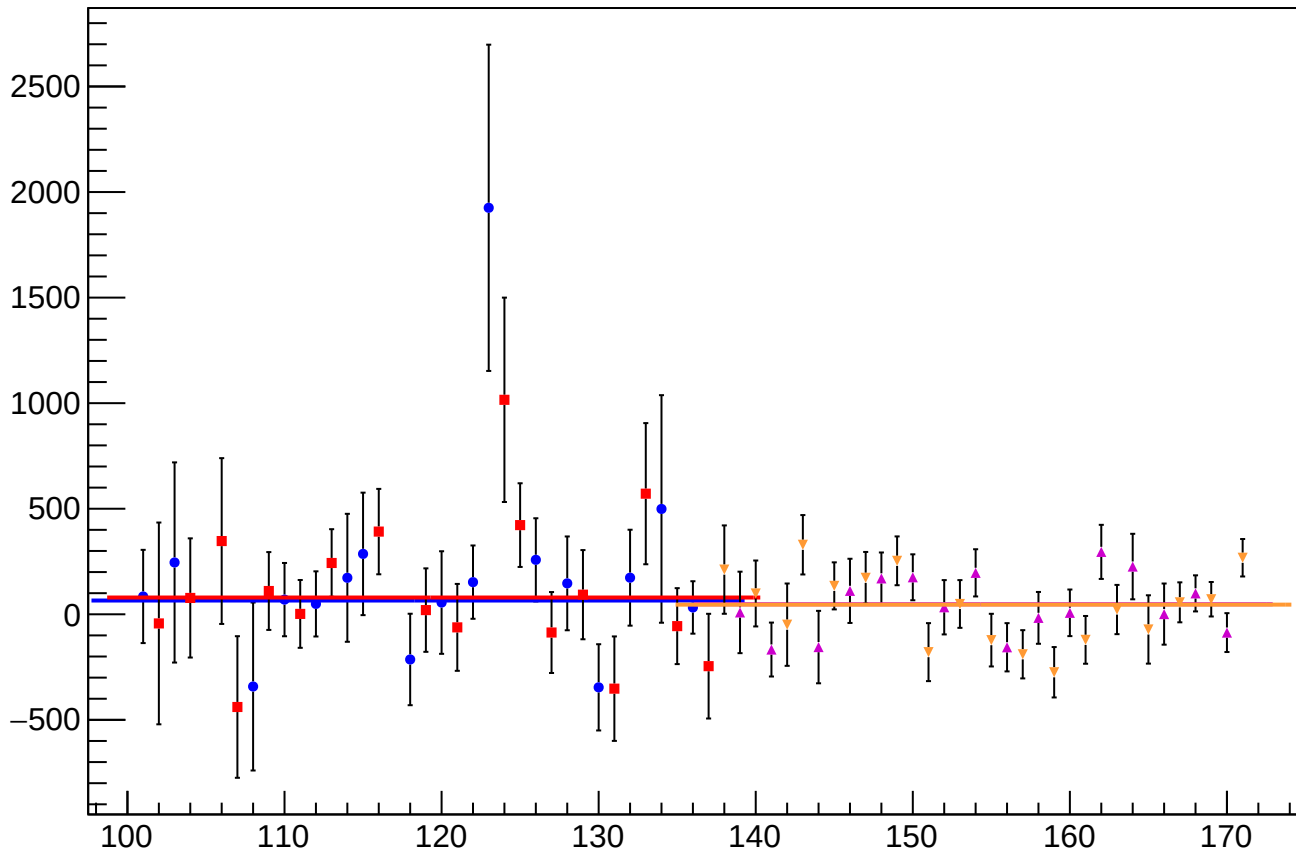
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2365.862+/-0.398 χ^2/NDF : 3029573.2/32

Out: 2346.696+/-0.383 χ^2/NDF : 3704394.4/35

All: 2355.926+/-0.276 χ^2/NDF : 6735172.1/68

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 45.734 $\pm$ 27.915 χ^2 /NDF:35.0/17

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 47.498 $\pm$ 30.333 χ^2 /NDF:19.8/15

Left: 46.543 $\pm$ 20.541 χ^2 /NDF: 54.9/33

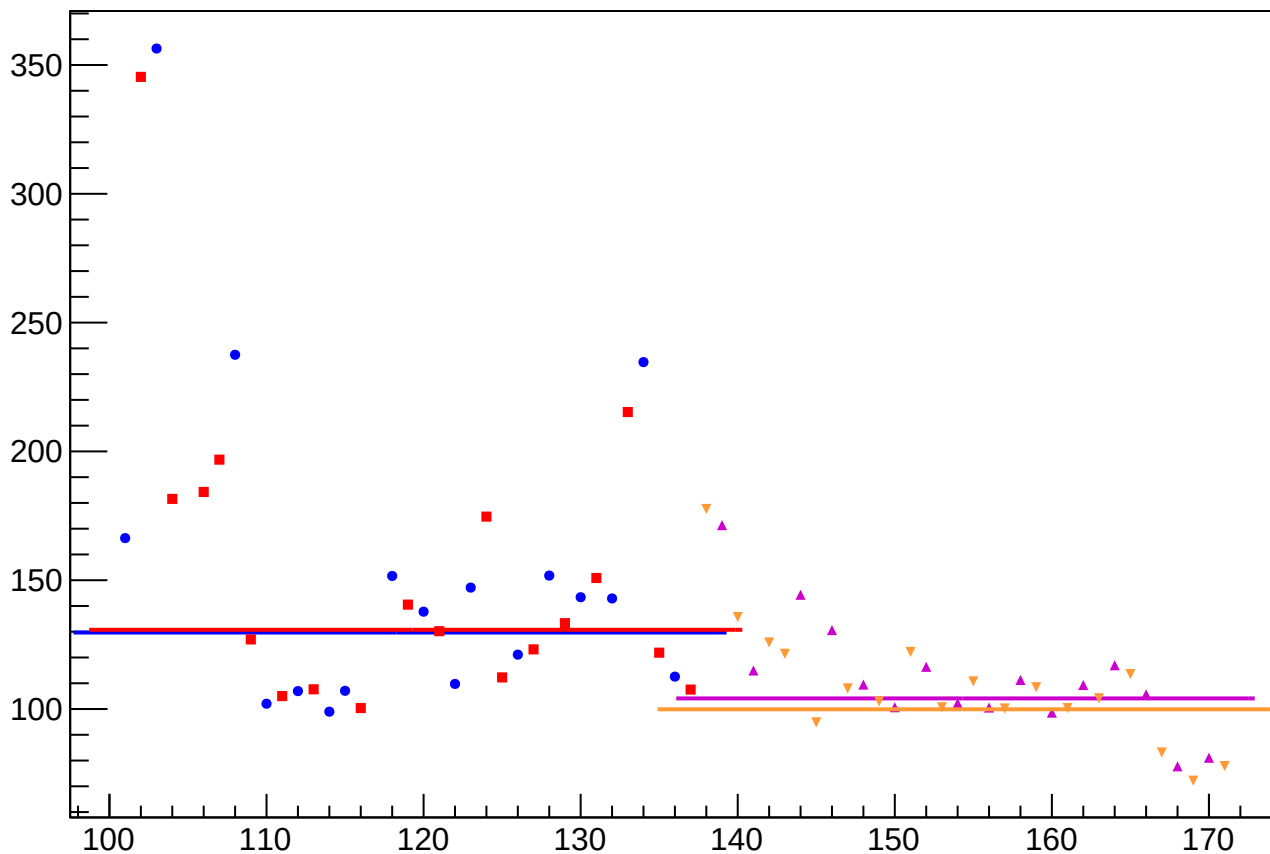
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 51.909 $\pm$ 26.290 χ^2 /NDF:35.7/32

Out: 53.205 $\pm$ 24.631 χ^2 /NDF:57.5/35

All: 52.599 $\pm$ 17.975 χ^2 /NDF: 93.2/68

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.891 $\pm$ 0.020 χ^2 /NDF:989398.2/17

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 104.118 $\pm$ 0.021 χ^2 /NDF:799086.8/15

Left: 101.830 $\pm$ 0.015 χ^2 /NDF: 1809514.1/33

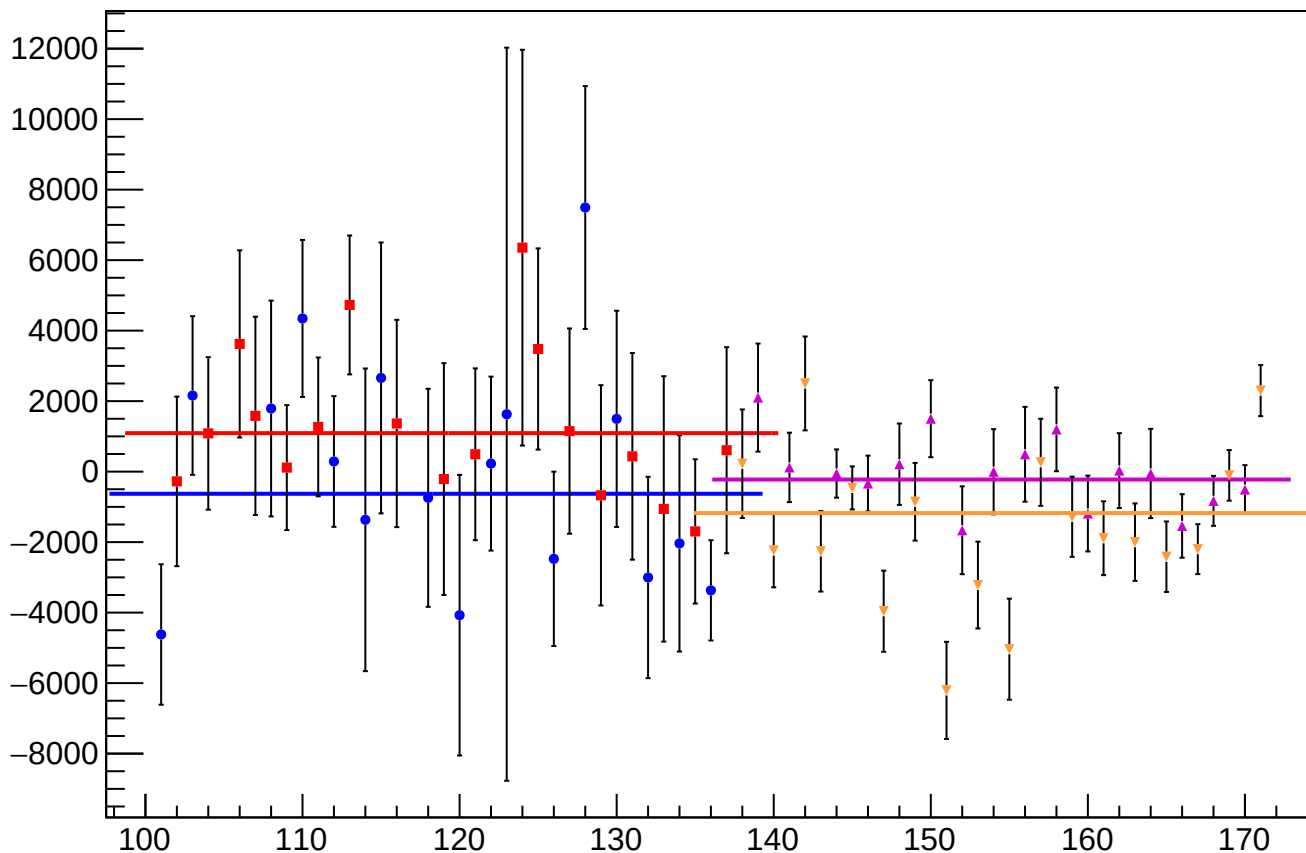
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 110.483 $\pm$ 0.019 χ^2 /NDF:2142665.2/32

Out: 106.725 $\pm$ 0.017 χ^2 /NDF:2458175.9/35

All: 108.482 $\pm$ 0.013 χ^2 /NDF: 4622612.9/68

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1175.429 ± 231.826 $\chi^2/\text{NDF}: 72.3/17$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: -223.912 ± 242.217 $\chi^2/\text{NDF}: 12.1/15$

Left: -720.516 ± 167.479 $\chi^2/\text{NDF}: 92.5/33$

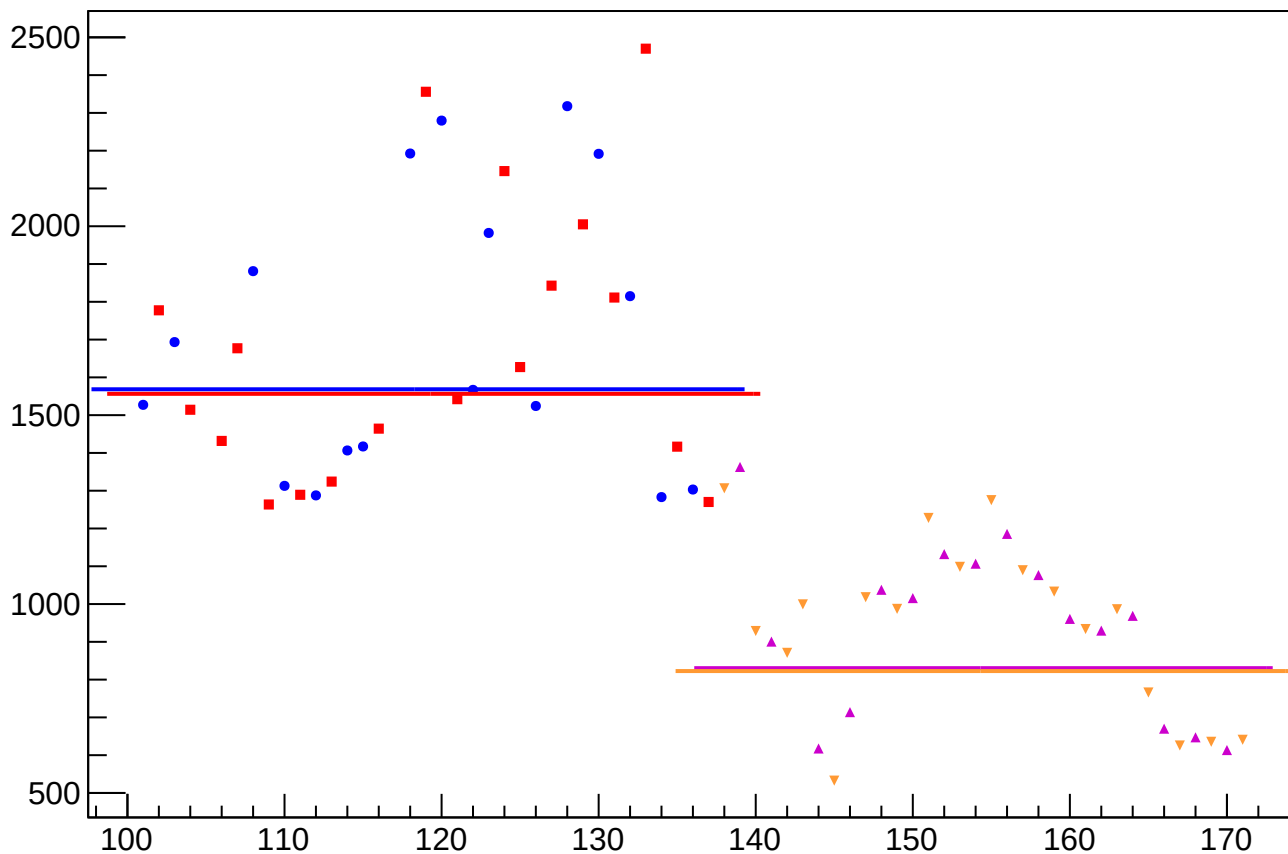
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: -277.220 ± 225.682 $\chi^2/\text{NDF}: 36.8/32$

Out: -880.464 ± 216.222 $\chi^2/\text{NDF}: 94.1/35$

All: -591.751 ± 156.129 $\chi^2/\text{NDF}: 134.6/68$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 822.643+/-0.164 χ^2/NDF : 1945725.2/17

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 830.315+/-0.171 χ^2/NDF : 1520890.9/15

Left: 826.311+/-0.118 χ^2/NDF : 3467663.2/33

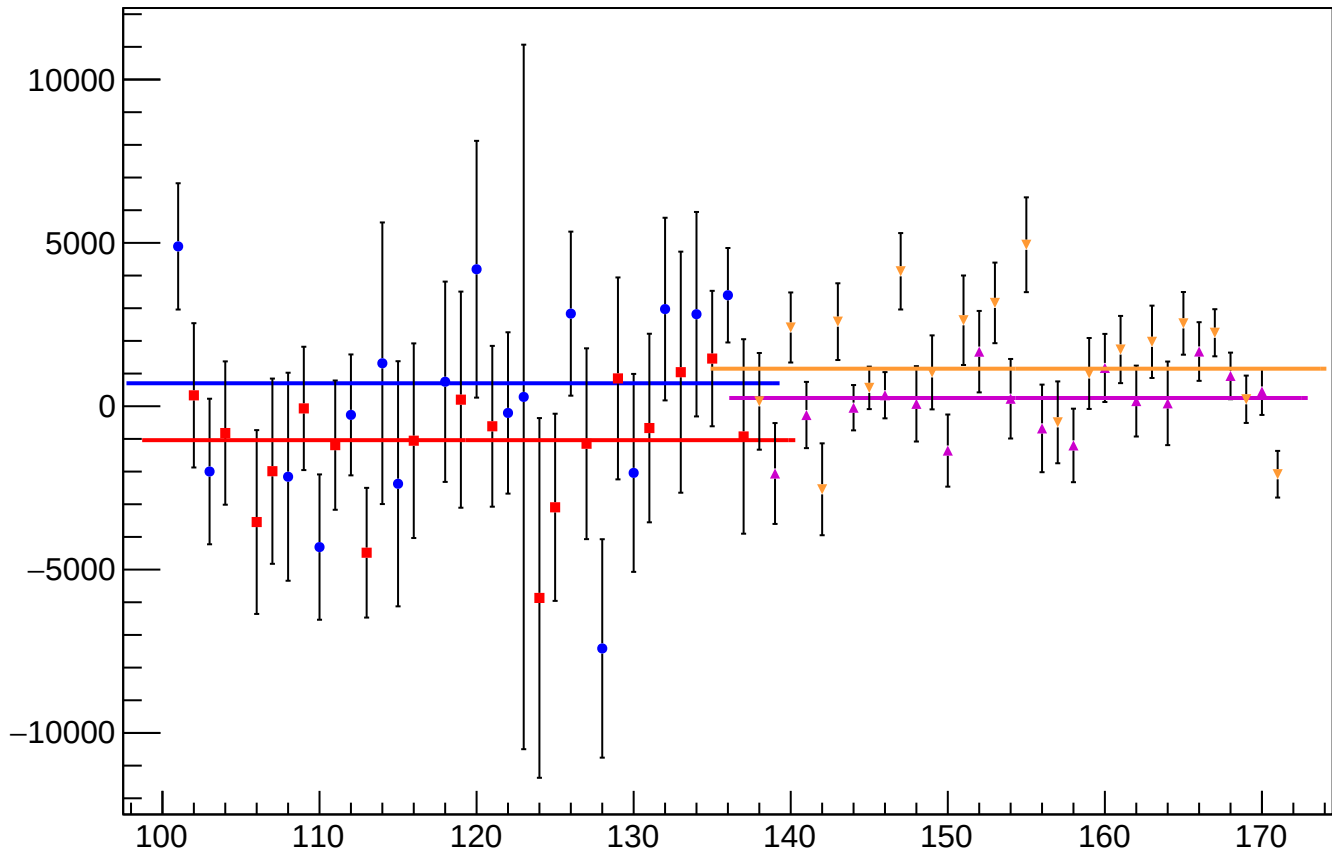
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 927.654+/-0.160 χ^2/NDF : 4504495.4/32

Out: 918.101+/-0.153 χ^2/NDF : 5062826.4/35

All: 922.673+/-0.110 χ^2/NDF : 9569190.0/68

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1149.302+/-234.270 χ^2/NDF : 57.4/17

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: 252.149+/-240.810 χ^2/NDF : 12.6/15

Left: 713.074+/-167.918 χ^2/NDF : 77.1/33

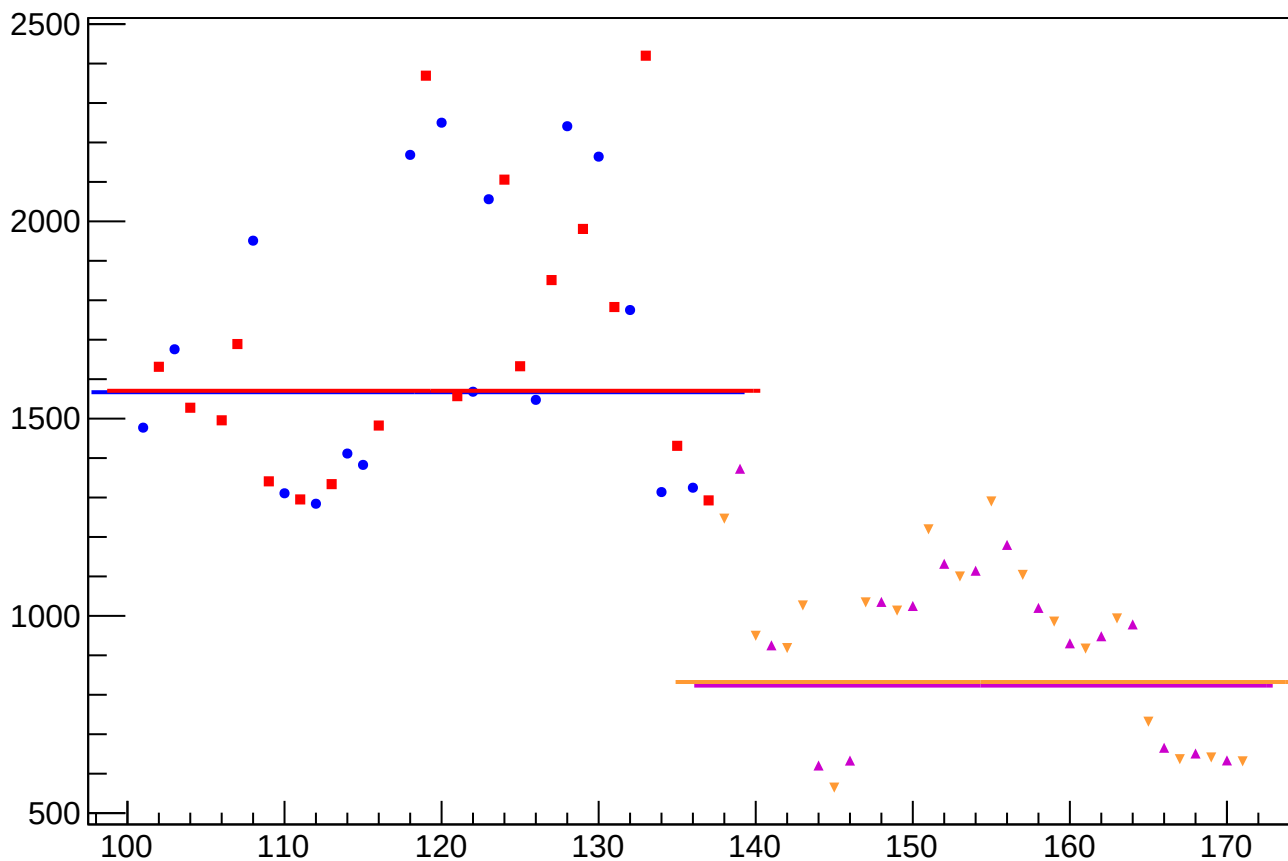
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 311.153+/-224.502 χ^2/NDF : 39.0/32

Out: 863.427+/-218.428 χ^2/NDF : 77.0/35

All: 594.863+/-156.555 χ^2/NDF : 119.1/68

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 832.366 $\pm$ 0.166 χ^2 /NDF: 1801892.7/17

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 823.265 $\pm$ 0.170 χ^2 /NDF: 1558819.8/15

Left: 827.941 $\pm$ 0.119 χ^2 /NDF: 3362180.1/33

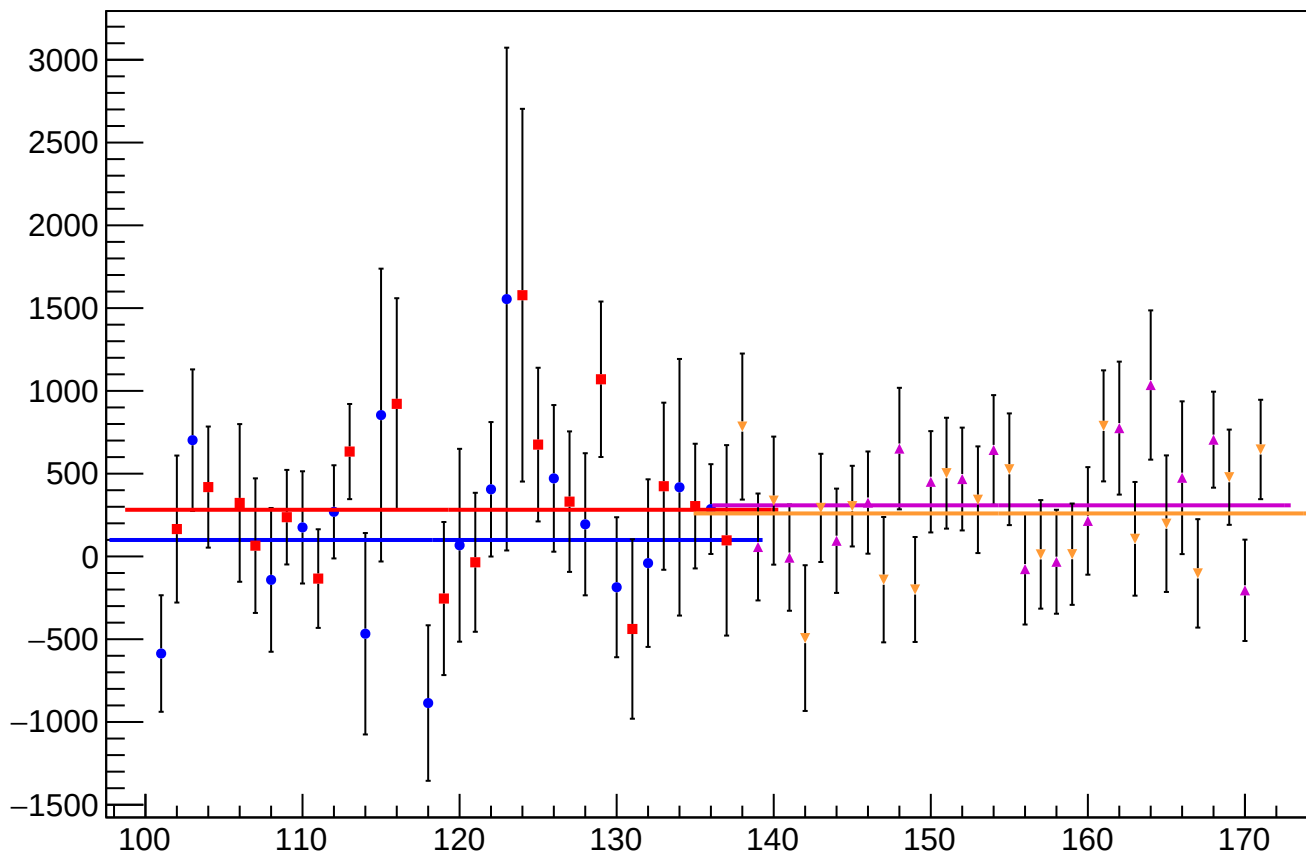
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 920.578 $\pm$ 0.159 χ^2 /NDF: 4554612.3/32

Out: 928.825 $\pm$ 0.154 χ^2 /NDF: 4835982.1/35

All: 924.815 $\pm$ 0.111 χ^2 /NDF: 9391980.9/68

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 259.748 $\pm$ 78.276 χ^2 /NDF:16.2/17

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 308.740 $\pm$ 83.222 χ^2 /NDF:15.8/15

Left: 282.745 $\pm$ 57.018 χ^2 /NDF: 32.2/33

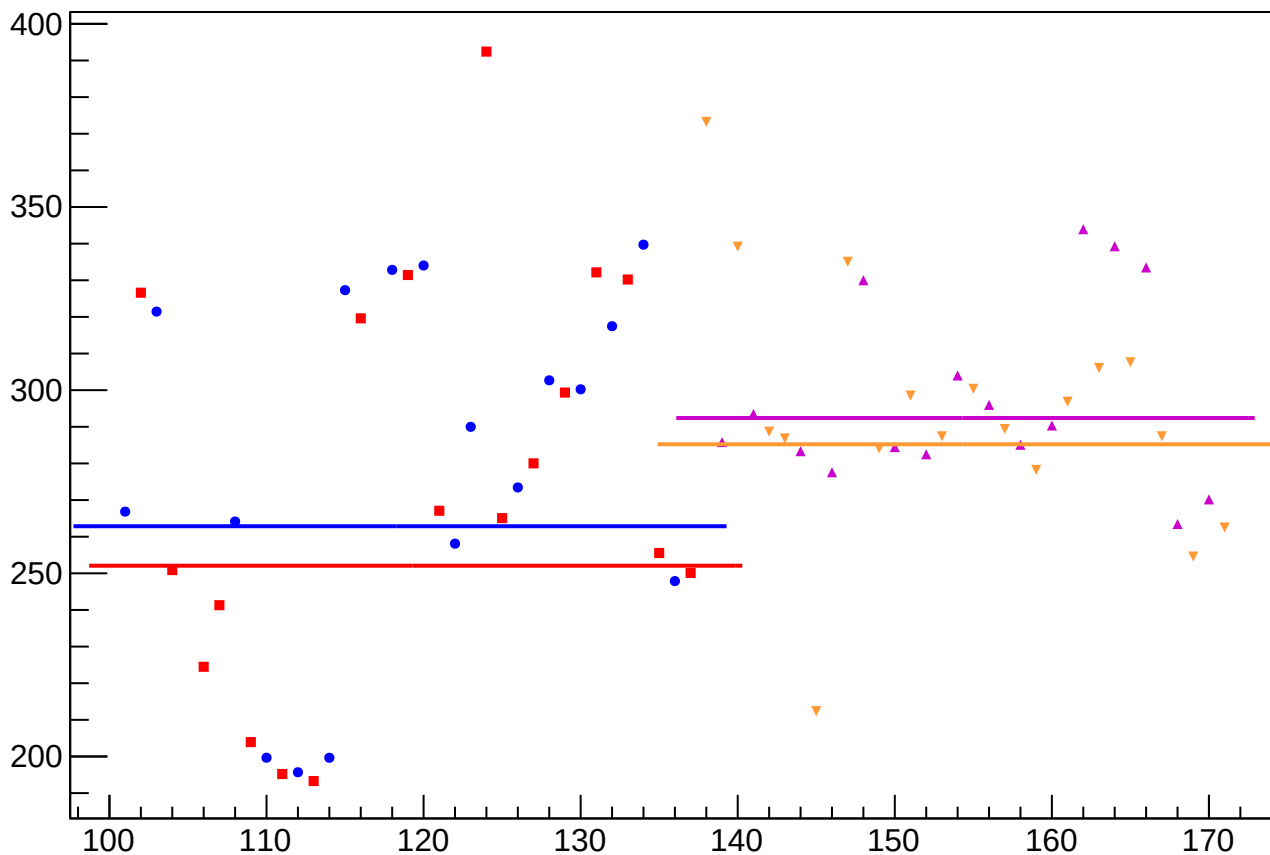
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 226.499 $\pm$ 64.847 χ^2 /NDF:34.2/32

Out: 268.362 $\pm$ 61.132 χ^2 /NDF:30.0/35

All: 248.664 $\pm$ 44.482 χ^2 /NDF: 64.4/68

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 285.227 $\pm$ 0.055 χ^2 /NDF: 390768.2/17

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 292.398 $\pm$ 0.059 χ^2 /NDF: 136212.0/15

Left: 288.593 $\pm$ 0.040 χ^2 /NDF: 534860.3/33

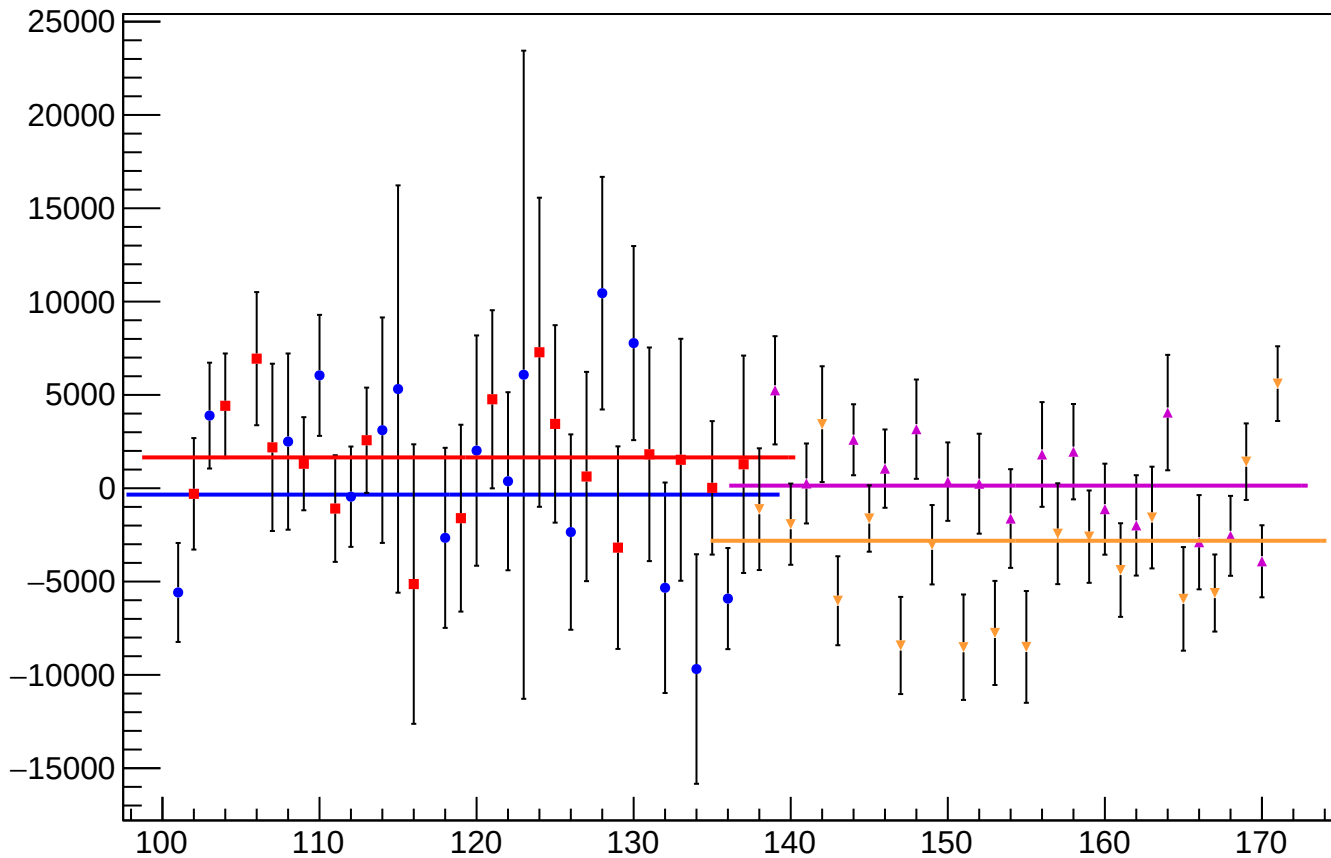
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 280.793 $\pm$ 0.046 χ^2 /NDF: 646911.0/32

Out: 272.297 $\pm$ 0.043 χ^2 /NDF: 1045818.0/35

All: 276.295 $\pm$ 0.031 χ^2 /NDF: 1710907.7/68

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2813.891 ± 569.727 $\chi^2/\text{NDF}: 47.9/17$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 139.683 ± 594.886 $\chi^2/\text{NDF}: 17.5/15$

Left: -1400.880 ± 411.465 $\chi^2/\text{NDF}: 78.3/33$

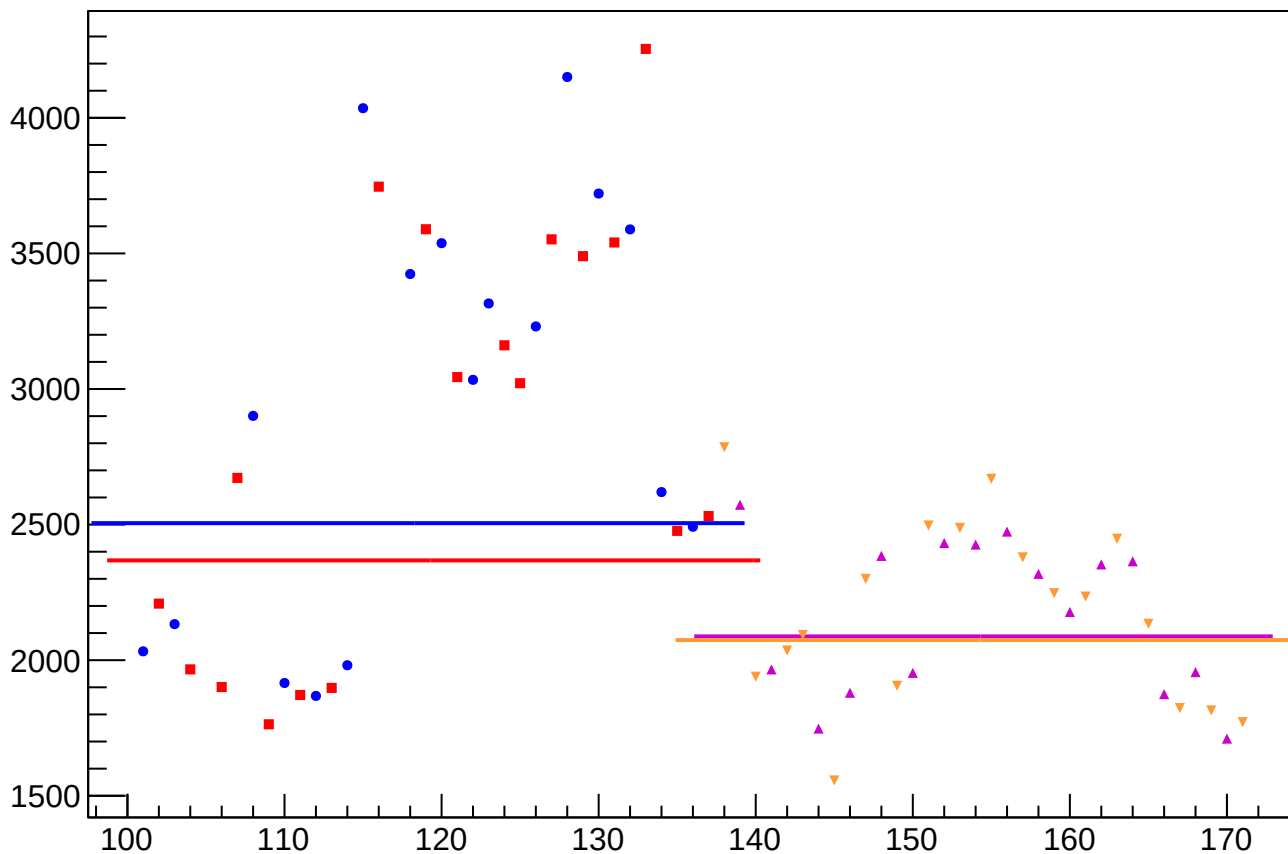
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 14.755 ± 511.877 $\chi^2/\text{NDF}: 42.1/32$

Out: -1594.975 ± 485.793 $\chi^2/\text{NDF}: 72.6/35$

All: -832.166 ± 352.368 $\chi^2/\text{NDF}: 119.9/68$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2074.209+/-0.403 χ^2/NDF : 657171.1/17

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2087.728+/-0.421 χ^2/NDF : 435644.5/15

Left: 2080.677+/-0.291 χ^2/NDF : 1093354.4/33

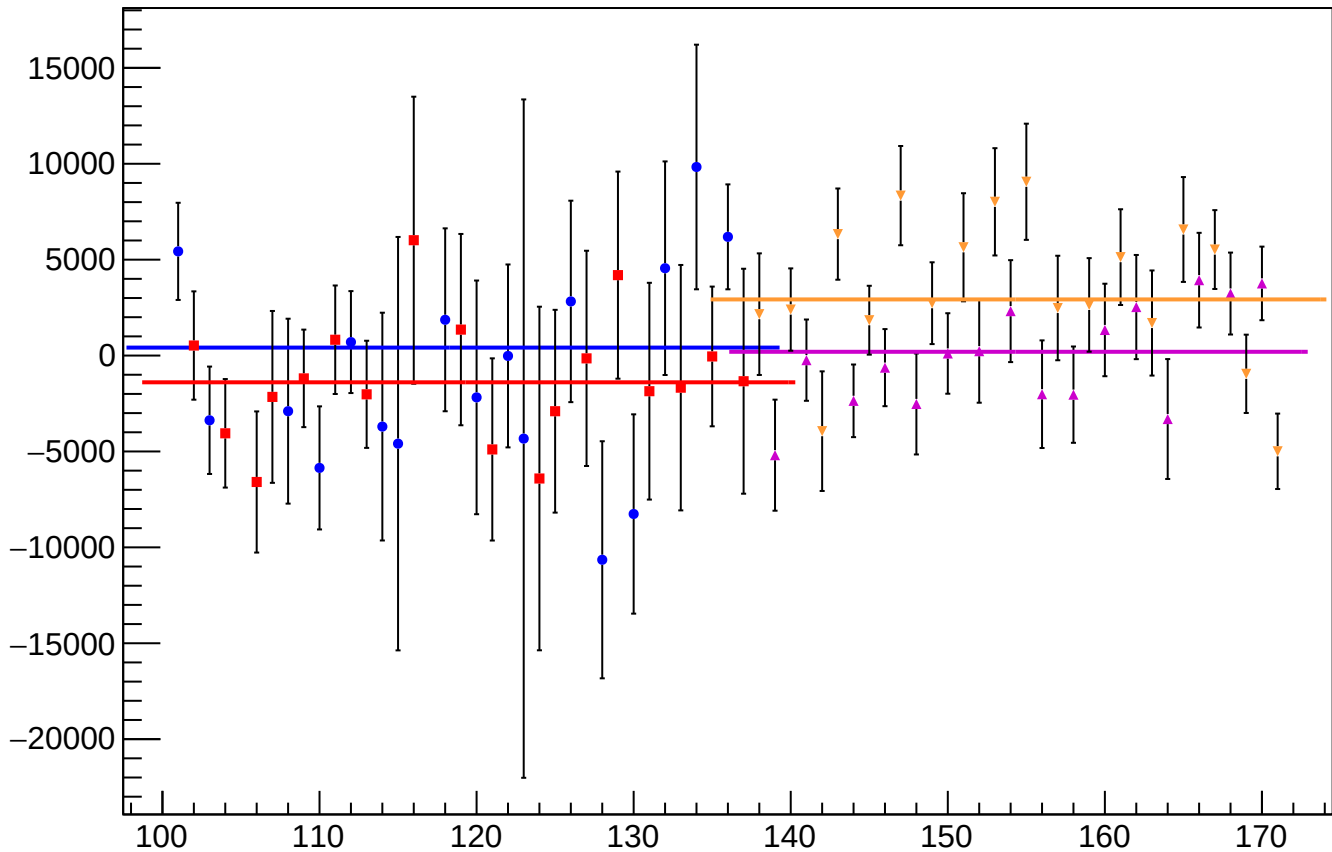
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2196.140+/-0.362 χ^2/NDF : 1555637.0/32

Out: 2154.398+/-0.344 χ^2/NDF : 1833212.5/35

All: 2174.178+/-0.249 χ^2/NDF : 3395846.8/68

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2927.045 $\pm$ 567.582 χ^2 /NDF:44.4/17

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: 196.516 $\pm$ 590.248 χ^2 /NDF:18.6/15

Left: 1615.214 $\pm$ 409.120 χ^2 /NDF: 74.1/33

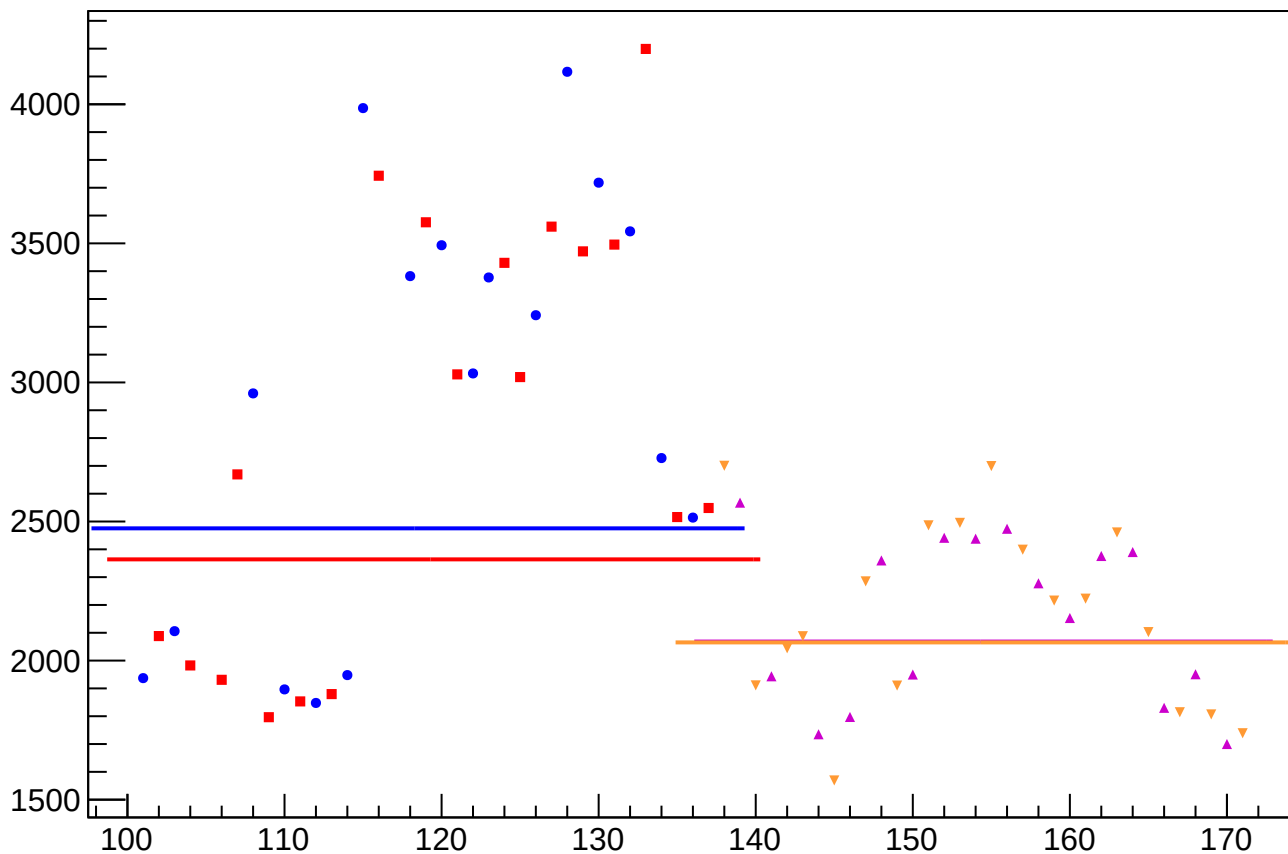
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: 253.538 $\pm$ 507.636 χ^2 /NDF:43.1/32

Out: 1752.345 $\pm$ 484.339 χ^2 /NDF:67.6/35

All: 1038.121 $\pm$ 350.426 χ^2 /NDF: 115.3/68

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2065.392 $\pm$ 0.401 χ^2 /NDF: 652806.6/17

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2068.409 $\pm$ 0.417 χ^2 /NDF: 476408.6/15

Left: 2066.841 $\pm$ 0.289 χ^2 /NDF: 1129242.3/33

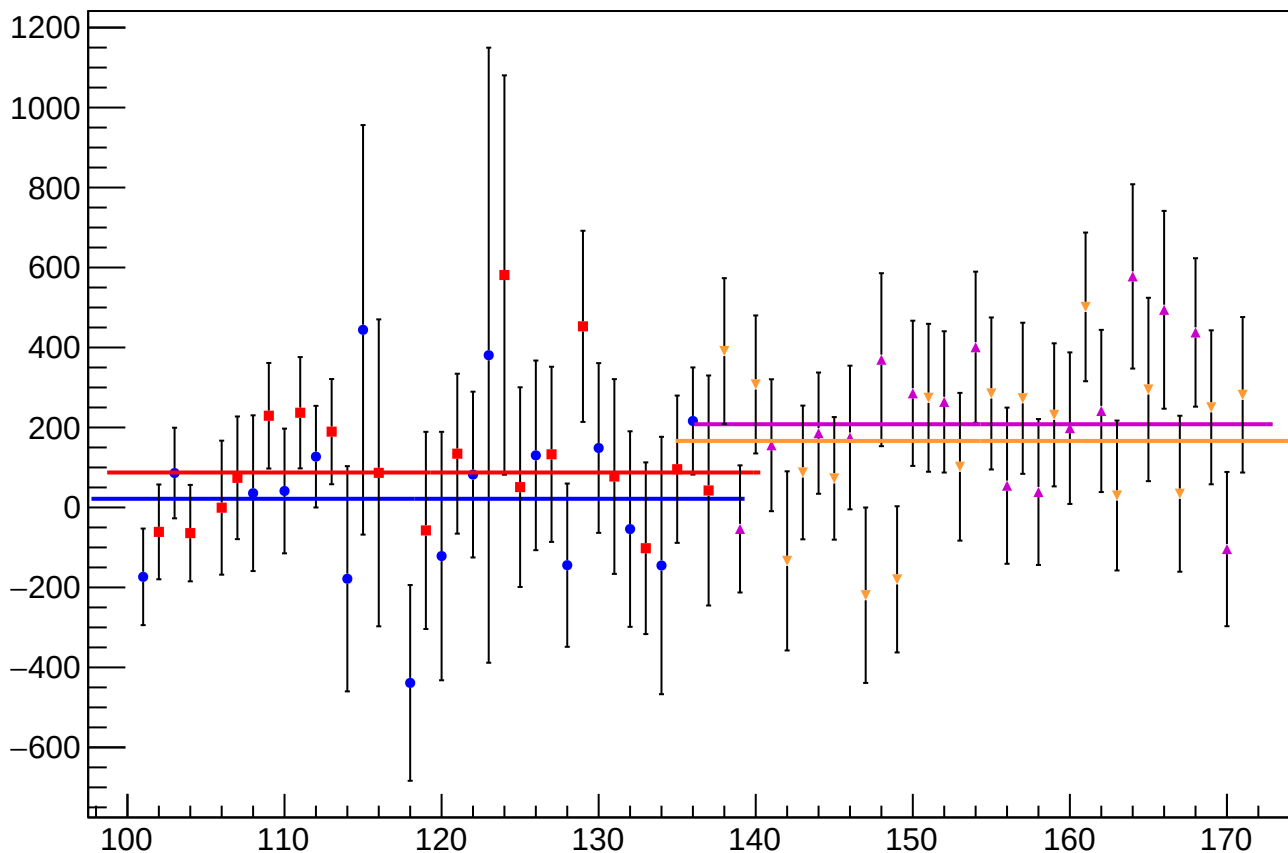
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2174.372 $\pm$ 0.359 χ^2 /NDF: 1637075.1/32

Out: 2146.532 $\pm$ 0.342 χ^2 /NDF: 1830057.9/35

All: 2159.799 $\pm$ 0.248 χ^2 /NDF: 3470281.8/68

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 166.413 $\pm$ 44.094 χ^2/NDF : 17.7/17

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 208.108 $\pm$ 46.520 χ^2/NDF : 14.3/15

Left: 186.145 $\pm$ 32.003 χ^2/NDF : 32.4/33

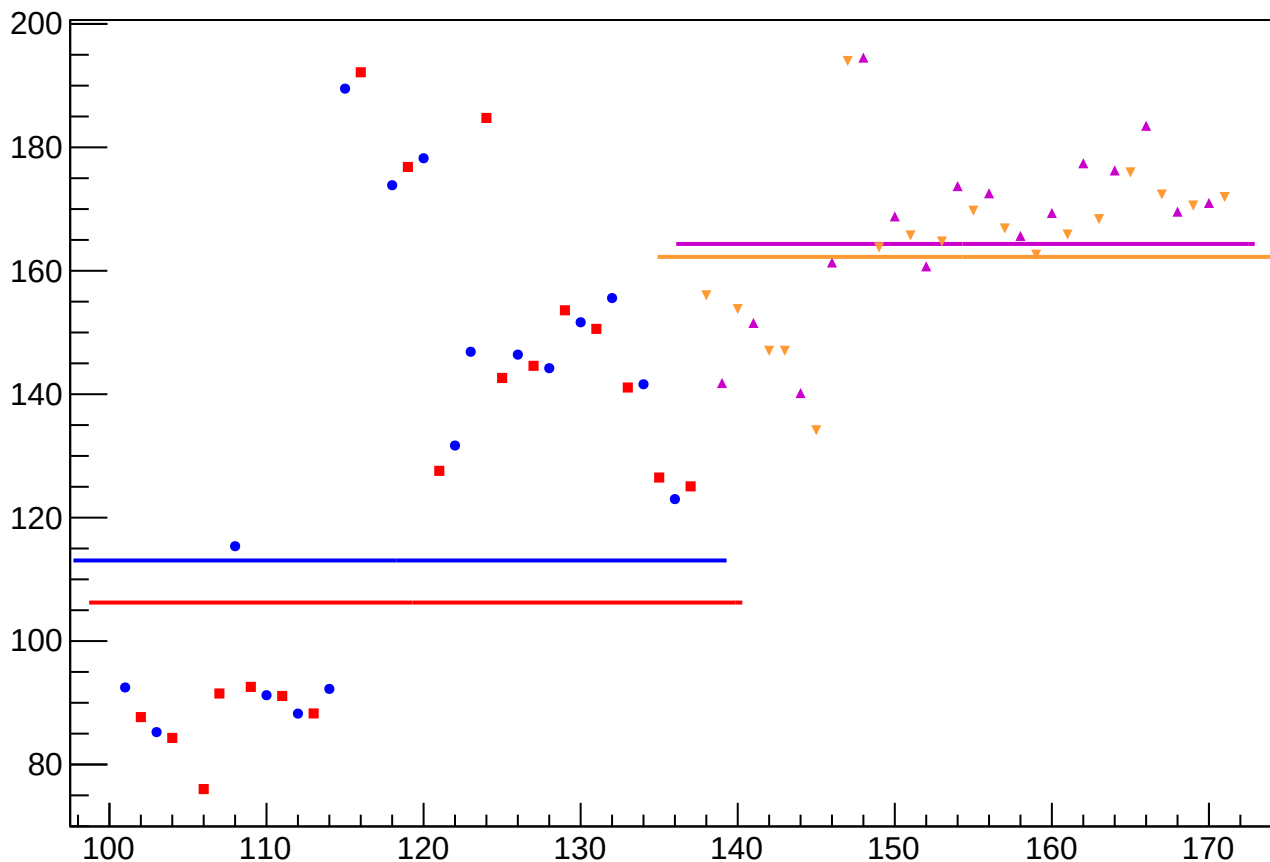
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 112.105 $\pm$ 32.402 χ^2/NDF : 35.2/32

Out: 124.843 $\pm$ 30.346 χ^2/NDF : 30.3/35

All: 118.891 $\pm$ 22.149 χ^2/NDF : 65.5/68

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 162.251+/-0.031 χ^2/NDF : 171625.7/17

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 164.350+/-0.033 χ^2/NDF : 184151.0/15

Left: 163.244+/-0.023 χ^2/NDF : 357923.2/33

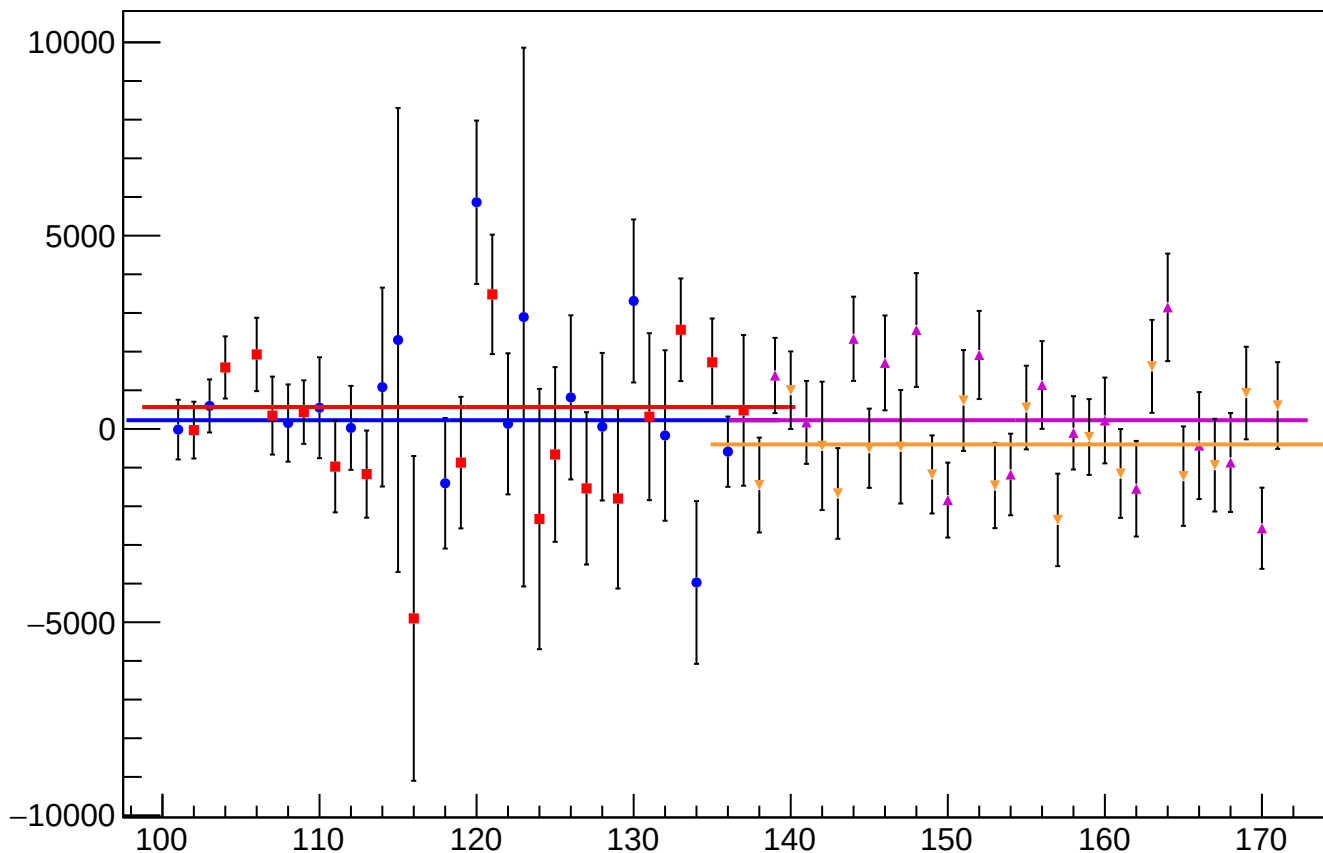
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 137.942+/-0.023 χ^2/NDF : 2256750.0/32

Out: 132.768+/-0.021 χ^2/NDF : 2821958.6/35

All: 135.185+/-0.016 χ^2/NDF : 5105875.2/68

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -399.835 $\pm$ 273.234 χ^2 /NDF:15.5/17

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 225.014 $\pm$ 282.373 χ^2 /NDF:32.9/15

Left: -97.685 $\pm$ 196.357 χ^2 /NDF: 51.0/33

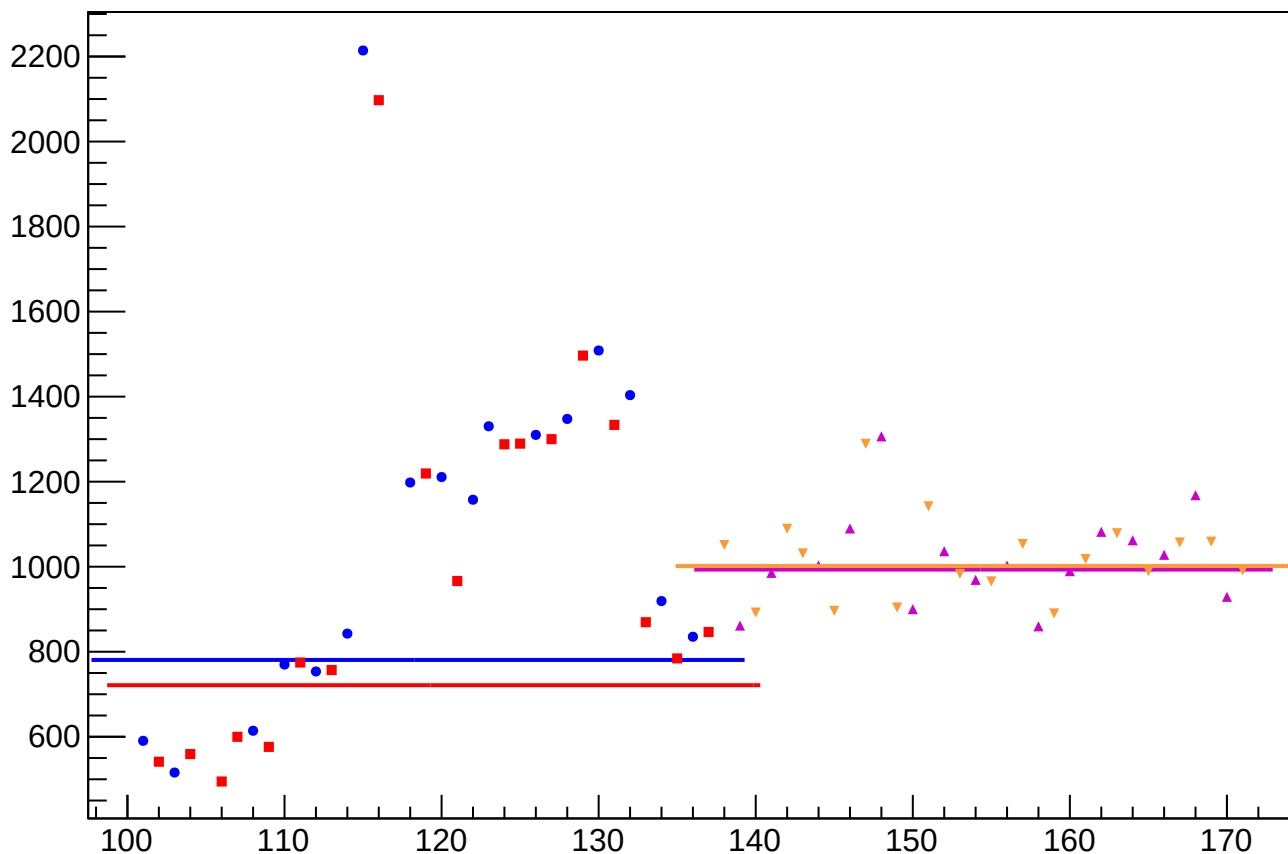
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 225.285 $\pm$ 212.135 χ^2 /NDF:48.9/32

Out: 54.519 $\pm$ 199.030 χ^2 /NDF:42.4/35

All: 134.464 $\pm$ 145.147 χ^2 /NDF: 91.6/68

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 1001.559 $\pm$ 0.193 χ^2/NDF :224028.3/17

Right Out: 721.264 $\pm$ 0.205 χ^2/NDF : 1626627.9/17

Left In: 993.259 $\pm$ 0.200 χ^2/NDF :263596.2/15

Left: 997.545 $\pm$ 0.139 χ^2/NDF : 488517.0/33

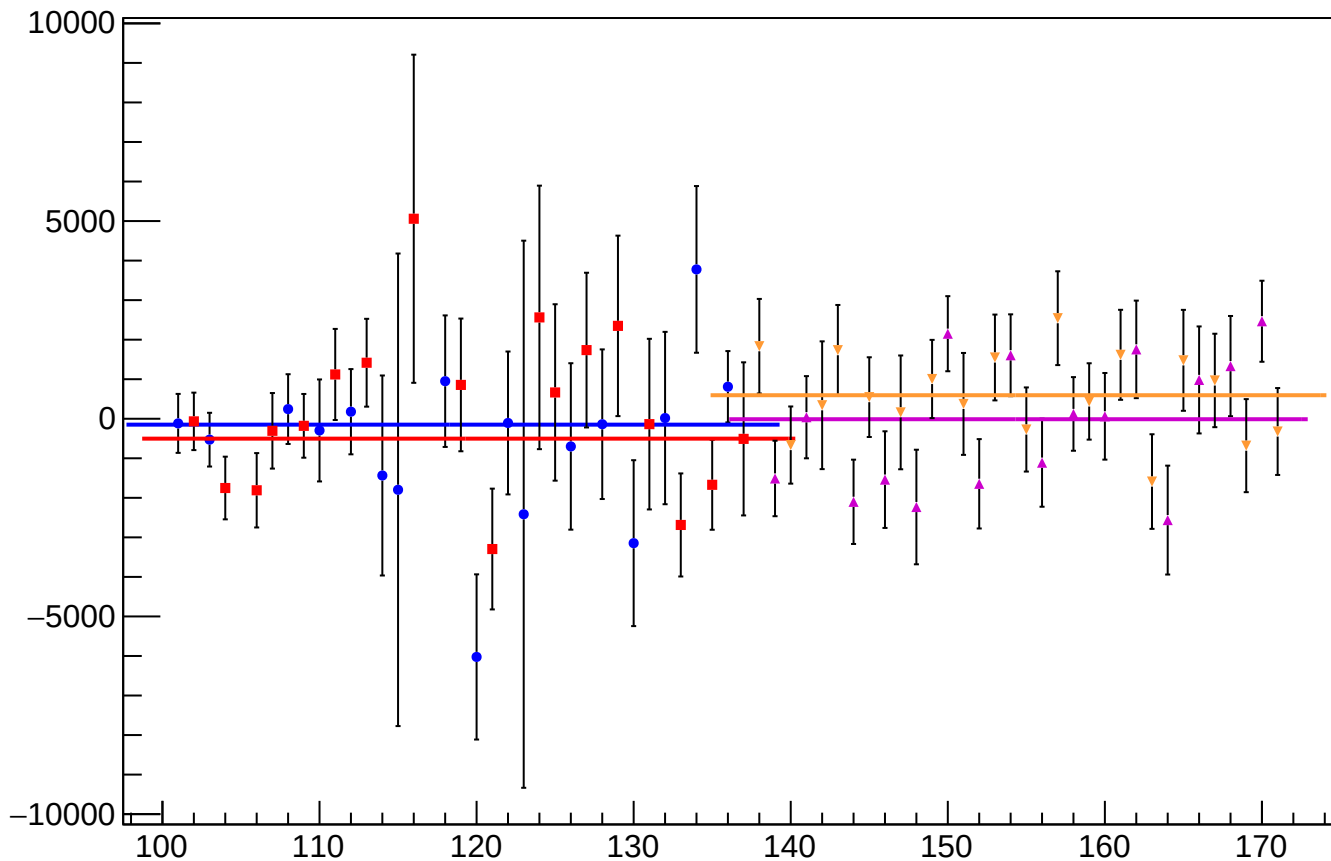
Right: 747.987 $\pm$ 0.152 χ^2/NDF : 3273780.9/34

In: 900.665 $\pm$ 0.150 χ^2/NDF :2366780.9/32

Out: 869.988 $\pm$ 0.141 χ^2/NDF :2838610.8/35

All: 884.350 $\pm$ 0.103 χ^2/NDF : 5227635.8/68

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 595.010 ± 268.672 χ^2/NDF : 14.8/17

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: -11.955 ± 277.661 χ^2/NDF : 33.9/15

Left: 301.511 ± 193.079 χ^2/NDF : 51.2/33

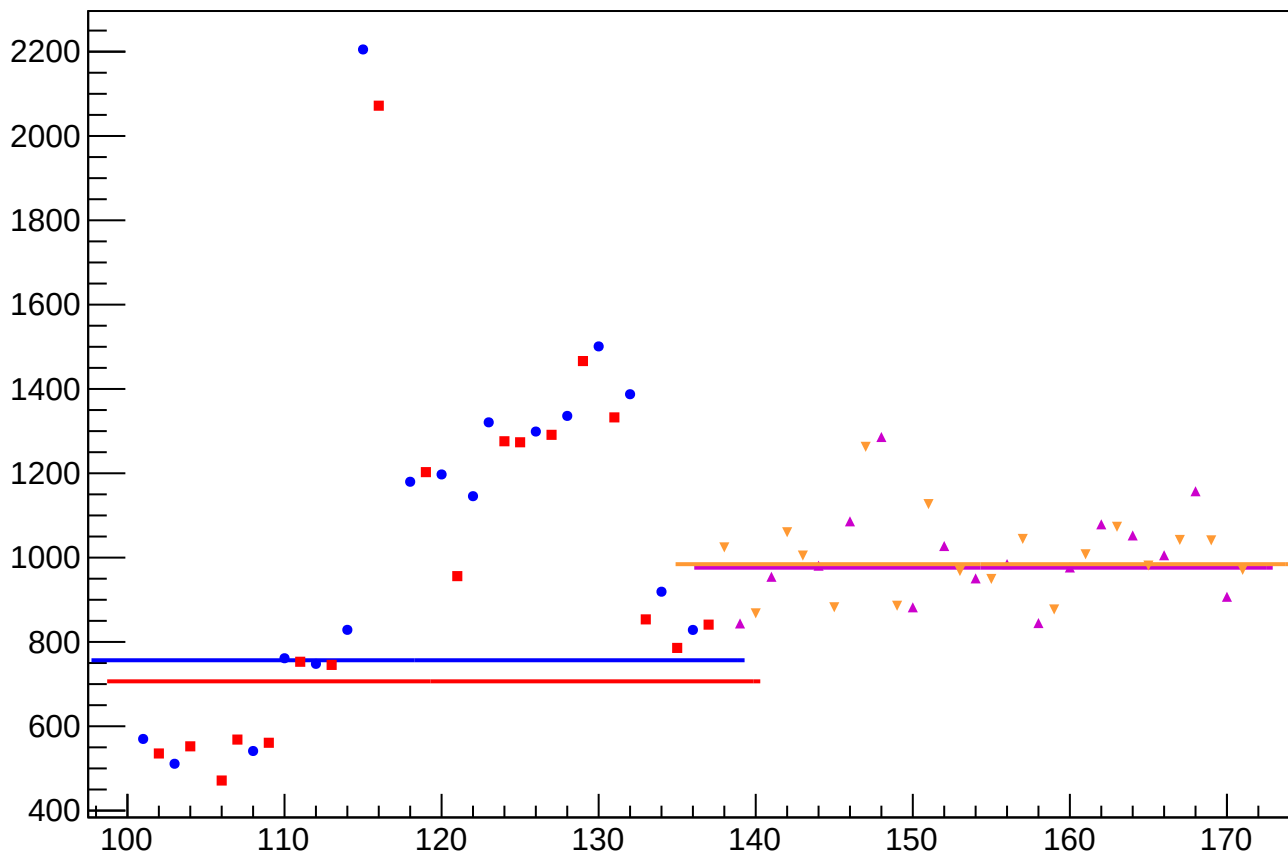
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -72.387 ± 207.700 χ^2/NDF : 50.2/32

Out: 79.778 ± 195.749 χ^2/NDF : 46.3/35

All: 8.199 ± 142.453 χ^2/NDF : 96.7/68

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 984.435 $\pm$ 0.190 χ^2 /NDF: 229445.5/17

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 976.099 $\pm$ 0.196 χ^2 /NDF: 282810.3/15

Left: 980.404 $\pm$ 0.137 χ^2 /NDF: 513186.9/33

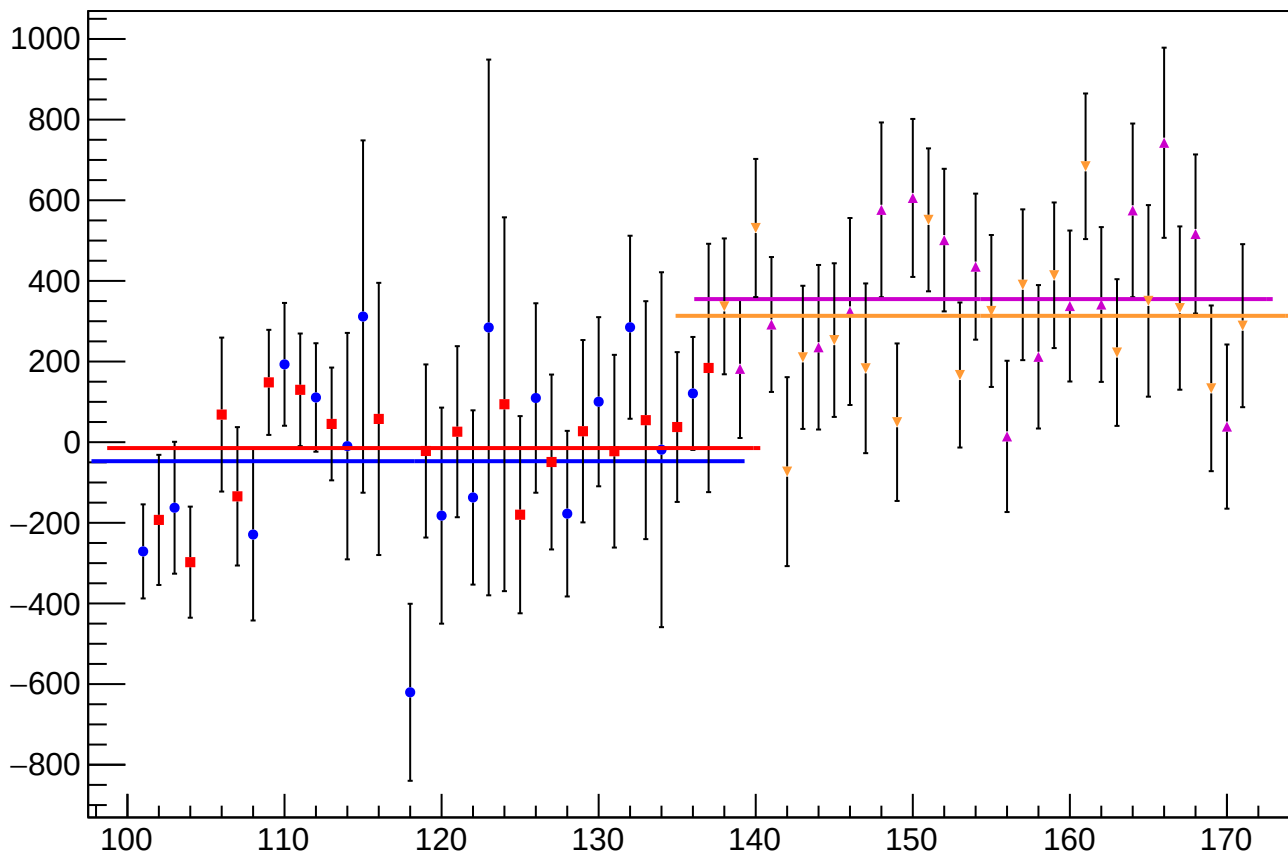
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 879.396 $\pm$ 0.147 χ^2 /NDF: 2547254.9/32

Out: 854.059 $\pm$ 0.138 χ^2 /NDF: 2903257.1/35

All: 865.978 $\pm$ 0.101 χ^2 /NDF: 5466273.0/68

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 313.377 $\pm$ 44.862 χ^2/NDF : 15.2/17

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 354.878 $\pm$ 48.385 χ^2/NDF : 15.9/15

Left: 332.562 $\pm$ 32.897 χ^2/NDF : 31.5/33

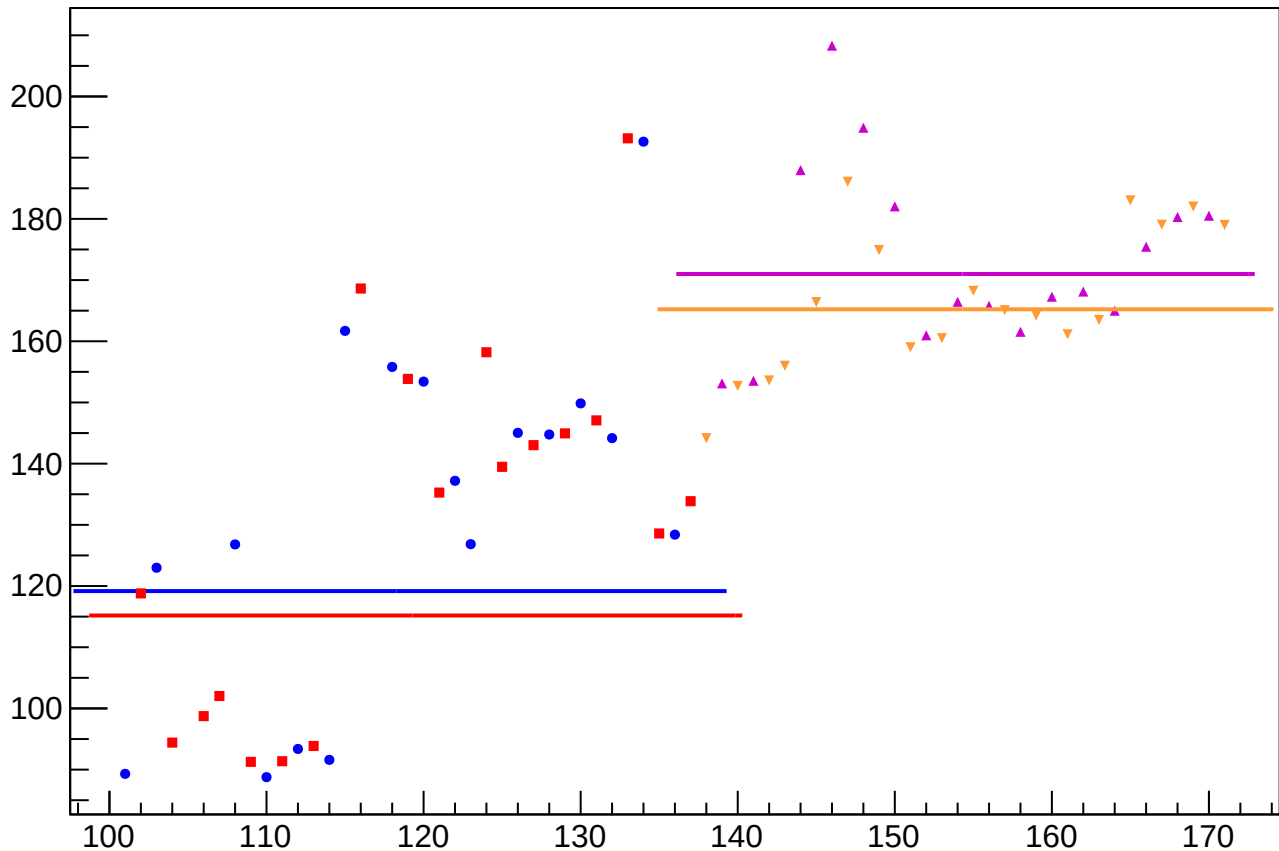
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 149.171 $\pm$ 33.812 χ^2/NDF : 73.1/32

Out: 149.333 $\pm$ 31.718 χ^2/NDF : 52.1/35

All: 149.257 $\pm$ 23.133 χ^2/NDF : 125.2/68

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.225+/-0.032 χ^2/NDF : 125674.8/17

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 170.991+/-0.034 χ^2/NDF : 166972.5/15

Left: 167.891+/-0.023 χ^2/NDF : 307923.1/33

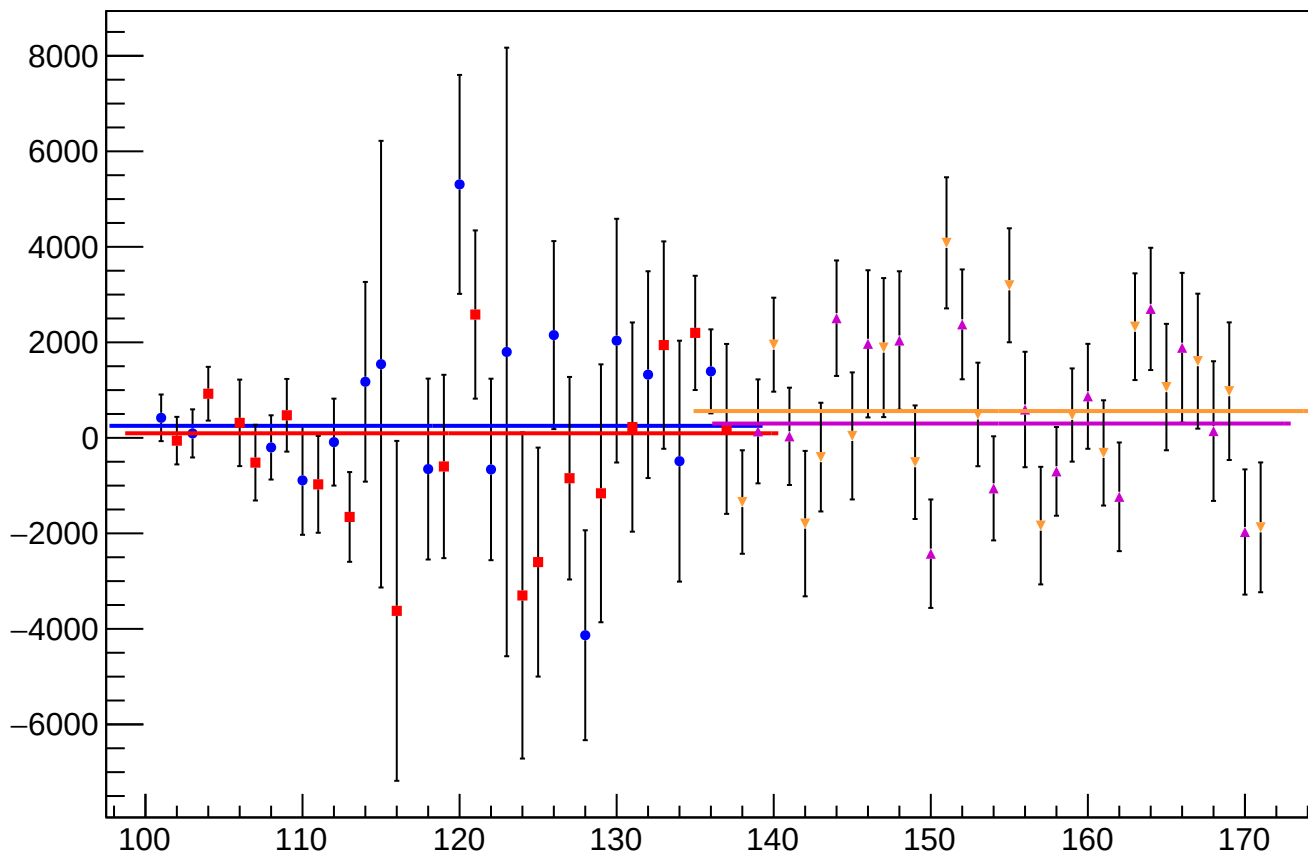
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 144.479+/-0.024 χ^2/NDF : 1955912.0/32

Out: 140.199+/-0.022 χ^2/NDF : 2045625.9/35

All: 142.202+/-0.016 χ^2/NDF : 4018581.3/68

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 561.255+/-284.636 χ^2/NDF : 32.4/17

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 299.854+/-297.895 χ^2/NDF : 27.5/15

Left: 436.501+/-205.796 χ^2/NDF : 60.2/33

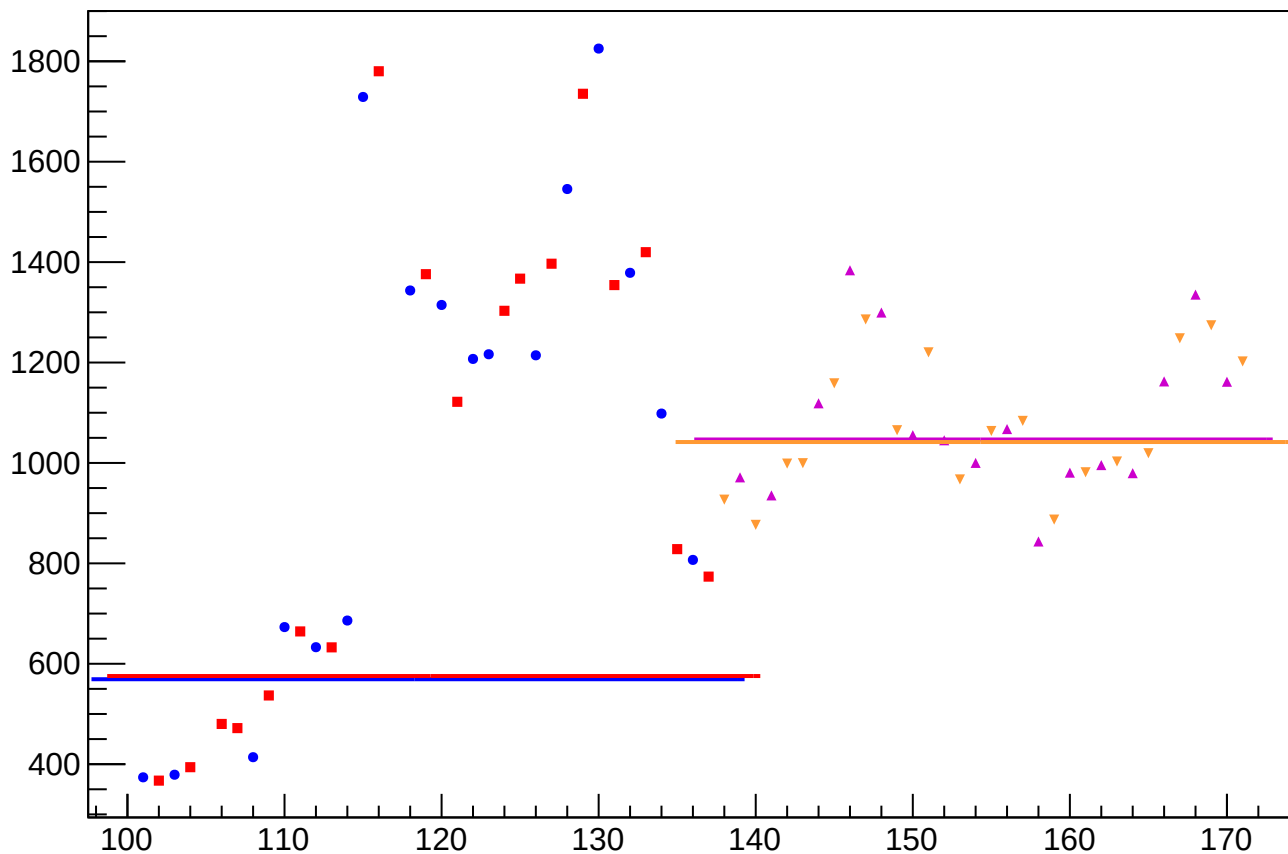
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 271.881+/-192.758 χ^2/NDF : 42.4/32

Out: 294.585+/-186.012 χ^2/NDF : 51.4/35

All: 283.637+/-133.852 χ^2/NDF : 93.7/68

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1041.668 $\pm$ 0.201 χ^2 /NDF: 383542.3/17

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1046.712 $\pm$ 0.211 χ^2 /NDF: 417839.8/15

Left: 1044.075 $\pm$ 0.146 χ^2 /NDF: 801681.9/33

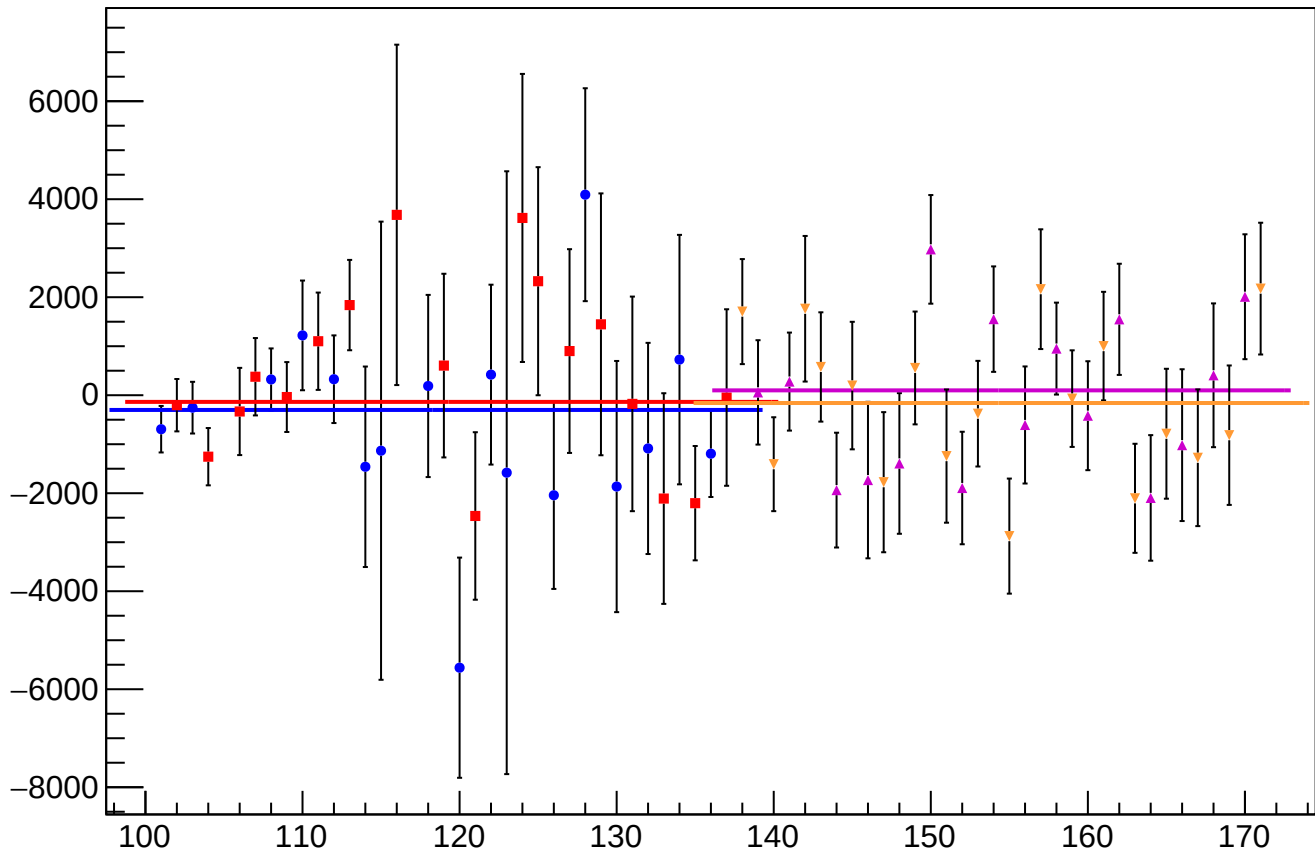
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 769.132 $\pm$ 0.136 χ^2 /NDF: 6672171.2/32

Out: 774.634 $\pm$ 0.132 χ^2 /NDF: 6514232.0/35

All: 771.981 $\pm$ 0.095 χ^2 /NDF: 13187247.2/68

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -158.948 ± 281.375 χ^2/NDF : 26.5/17

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 99.097 ± 295.480 χ^2/NDF : 25.8/15

Left: -36.231 ± 203.766 χ^2/NDF : 52.7/33

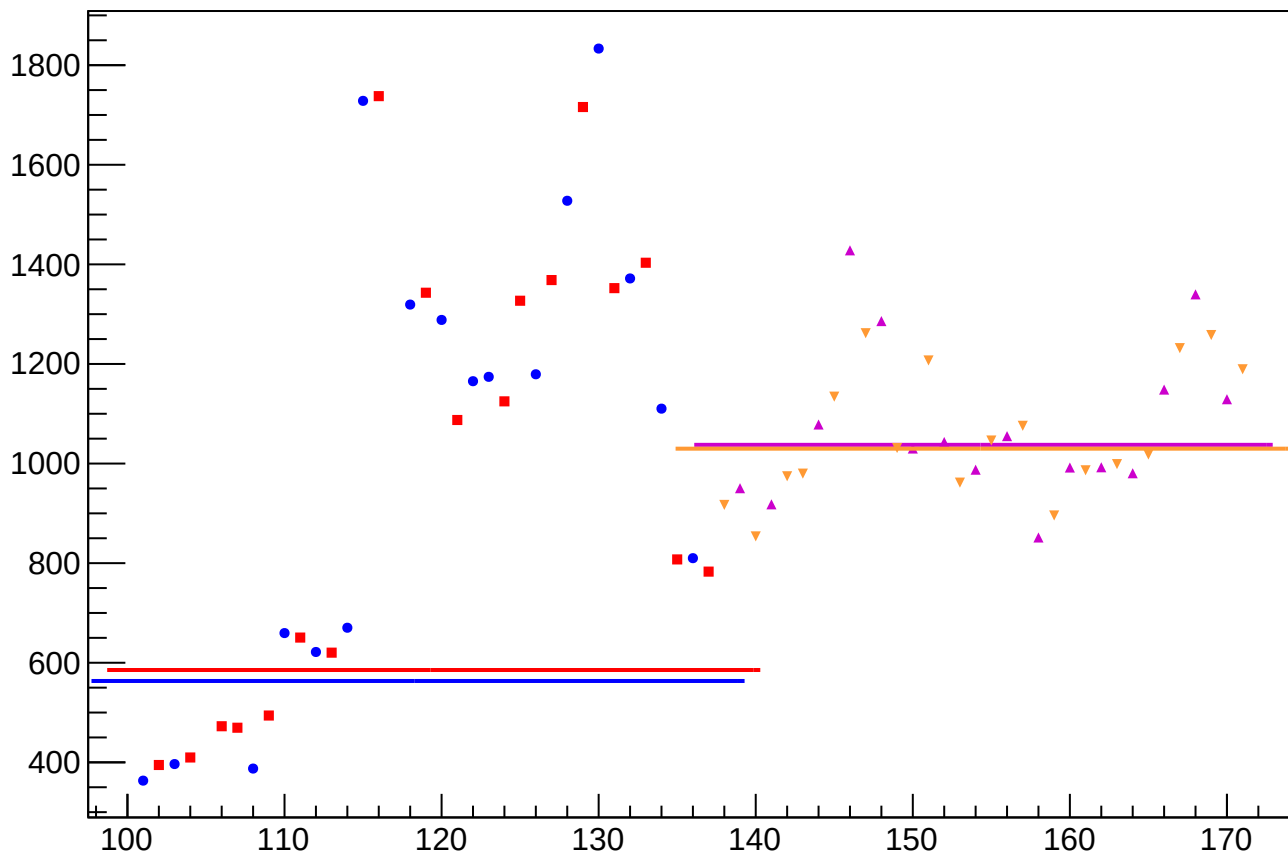
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -133.642 ± 190.988 χ^2/NDF : 43.6/32

Out: -146.079 ± 185.919 χ^2/NDF : 47.3/35

All: -140.028 ± 133.221 χ^2/NDF : 90.9/68

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1029.887+/-0.199 χ^2/NDF : 370618.8/17

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1037.590+/-0.209 χ^2/NDF : 423332.0/15

Left: 1033.551+/-0.144 χ^2/NDF : 794663.7/33

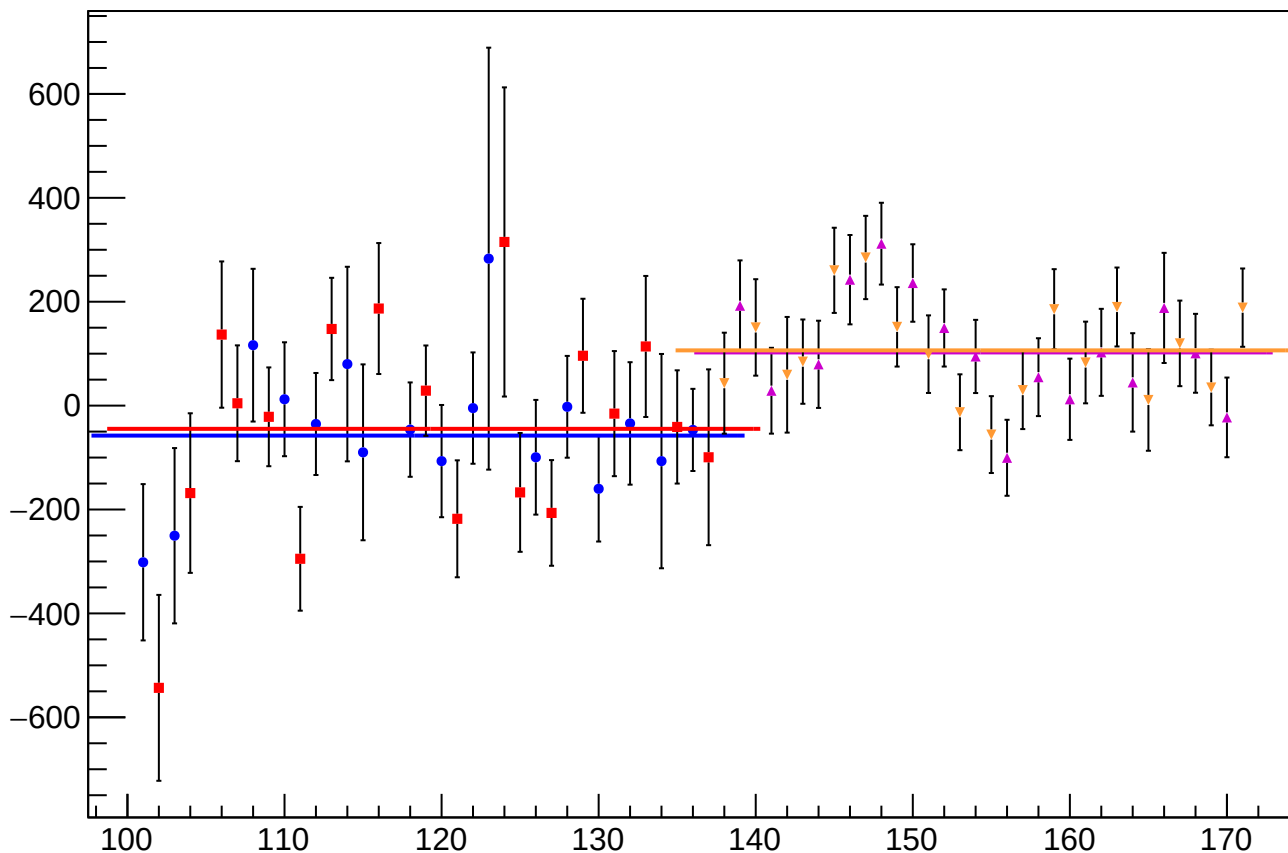
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 761.507+/-0.135 χ^2/NDF : 6681356.5/32

Out: 779.481+/-0.131 χ^2/NDF : 6000176.0/35

All: 770.736+/-0.094 χ^2/NDF : 12690627.5/68

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 106.348 ± 18.976 $\chi^2/\text{NDF}: 23.8/17$

Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$

Left In: 102.386 ± 20.026 $\chi^2/\text{NDF}: 28.4/15$

Left: 104.473 ± 13.774 $\chi^2/\text{NDF}: 52.2/33$

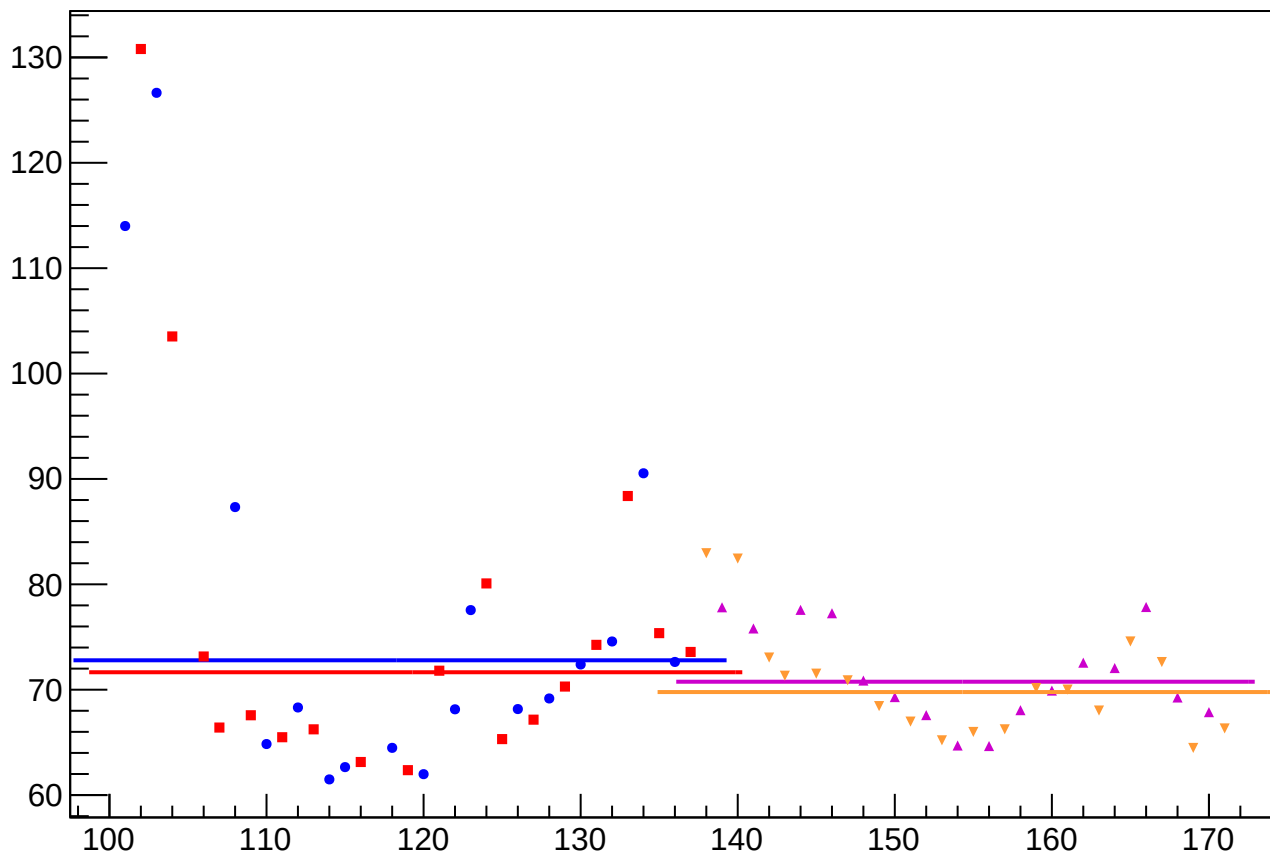
Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$

In: 49.948 ± 16.422 $\chi^2/\text{NDF}: 58.5/32$

Out: 58.131 ± 15.657 $\chi^2/\text{NDF}: 79.2/35$

All: 54.234 ± 11.332 $\chi^2/\text{NDF}: 137.7/68$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 69.777 $\pm$ 0.013 χ^2 /NDF:121874.4/17

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.757 $\pm$ 0.014 χ^2 /NDF:94997.0/15

Left: 70.240 $\pm$ 0.010 χ^2 /NDF: 219395.0/33

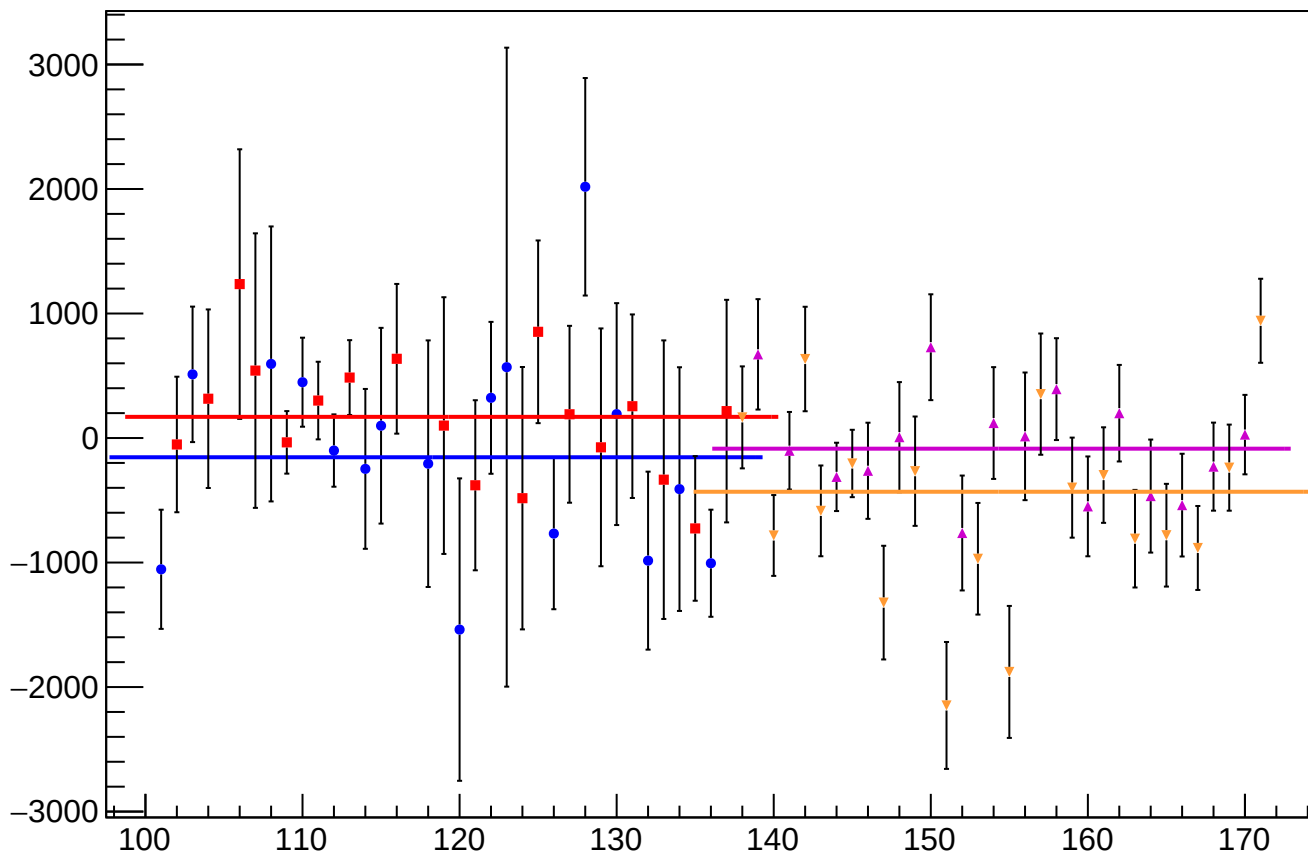
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.423 $\pm$ 0.012 χ^2 /NDF:566522.4/32

Out: 70.376 $\pm$ 0.011 χ^2 /NDF:532508.1/35

All: 70.875 $\pm$ 0.008 χ^2 /NDF: 1103283.1/68

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -431.433 $\pm$ 91.197 χ^2/NDF : 57.8/17

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: -85.556 $\pm$ 96.719 χ^2/NDF : 15.4/15

Left: -268.650 $\pm$ 66.352 χ^2/NDF : 80.0/33

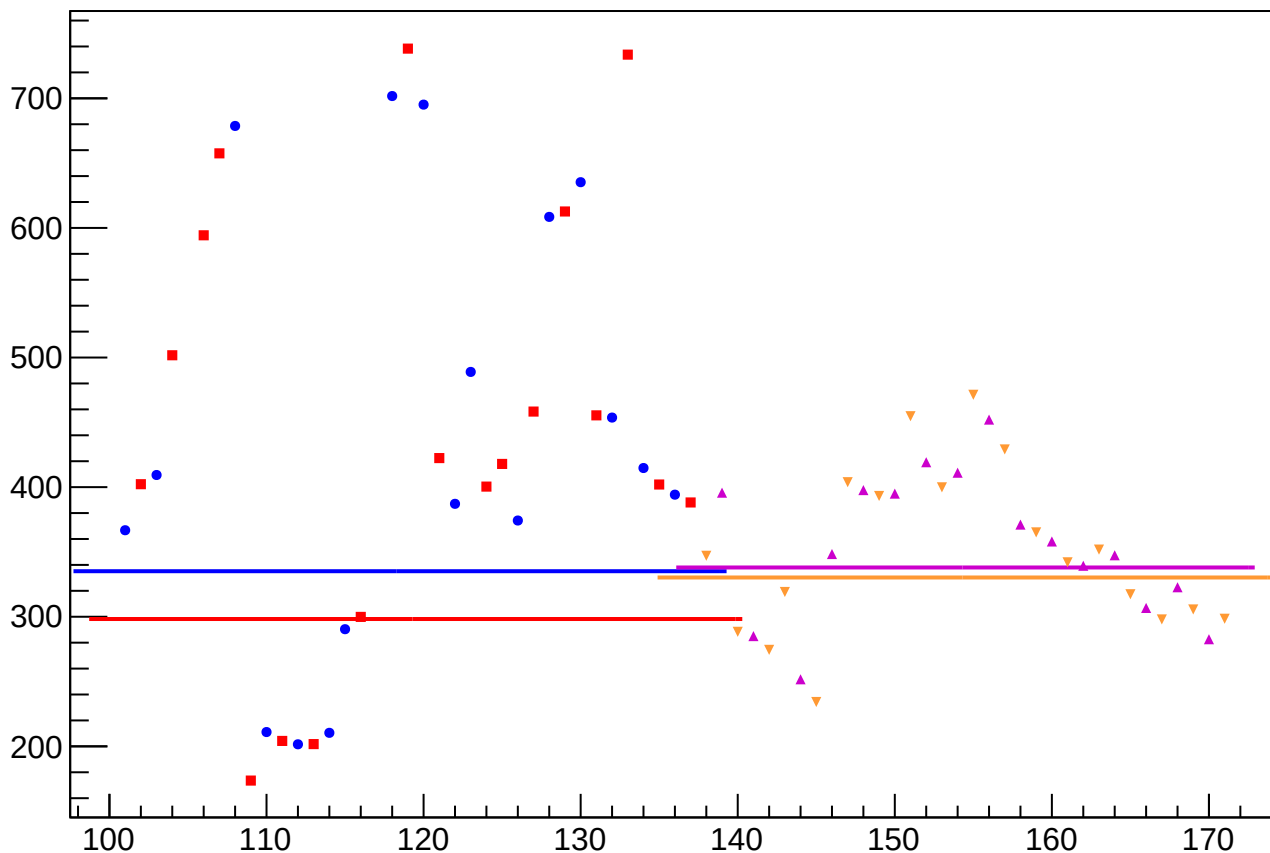
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -107.649 $\pm$ 79.704 χ^2/NDF : 38.7/32

Out: -225.140 $\pm$ 73.921 χ^2/NDF : 81.2/35

All: -170.811 $\pm$ 54.199 χ^2/NDF : 121.1/68

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 330.289+/-0.064 χ^2/NDF : 881605.0/17

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 338.009+/-0.068 χ^2/NDF : 671711.4/15

Left: 333.922+/-0.047 χ^2/NDF : 1560062.0/33

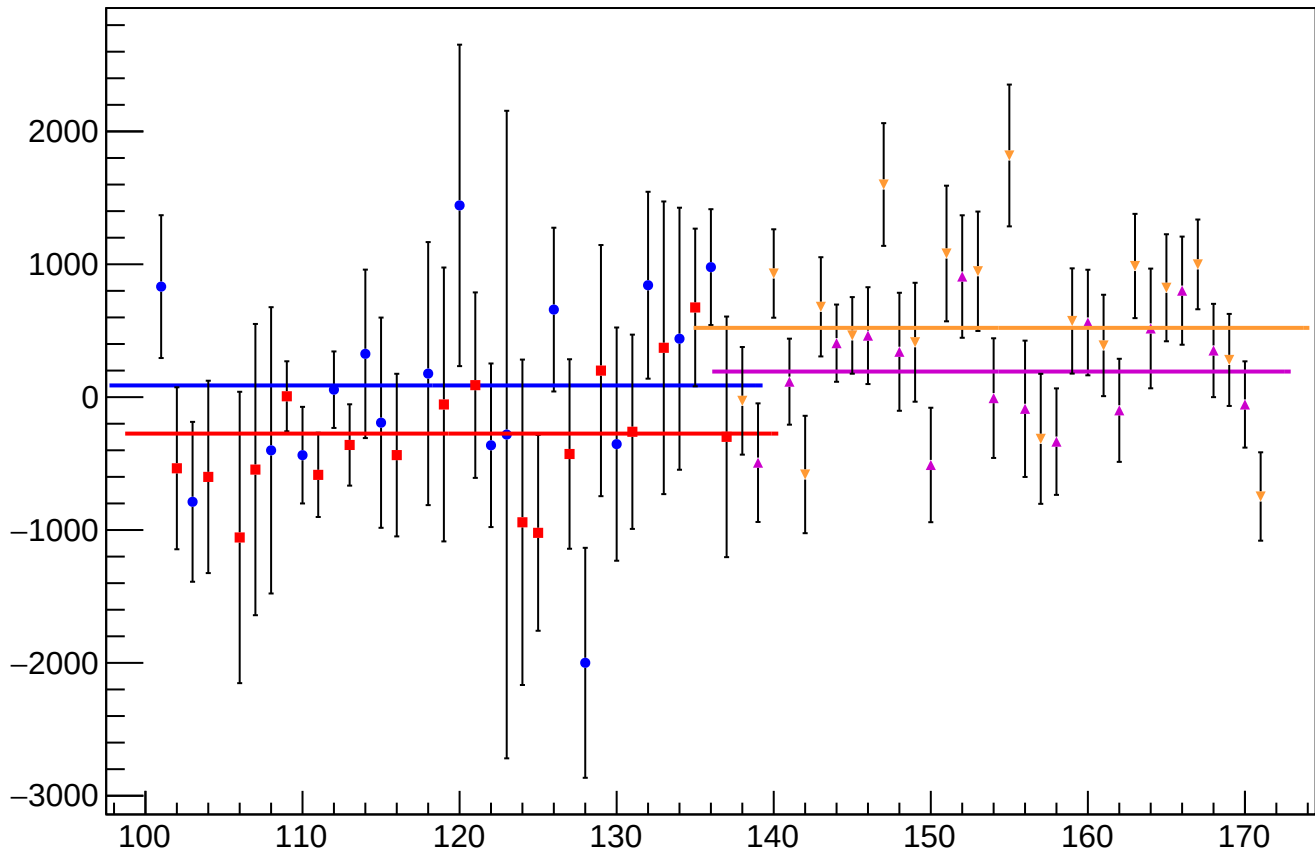
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 337.087+/-0.056 χ^2/NDF : 2666323.7/32

Out: 319.301+/-0.052 χ^2/NDF : 3742808.1/35

All: 327.525+/-0.038 χ^2/NDF : 6462668.3/68

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 521.445 $\pm$ 92.192 χ^2/NDF : 45.4/17

Right Out: -274.340 $\pm$ 129.866 χ^2/NDF : 8.0/17

Left In: 192.629 $\pm$ 97.316 χ^2/NDF : 15.9/15

Left: 365.921 $\pm$ 66.928 χ^2/NDF : 67.3/33

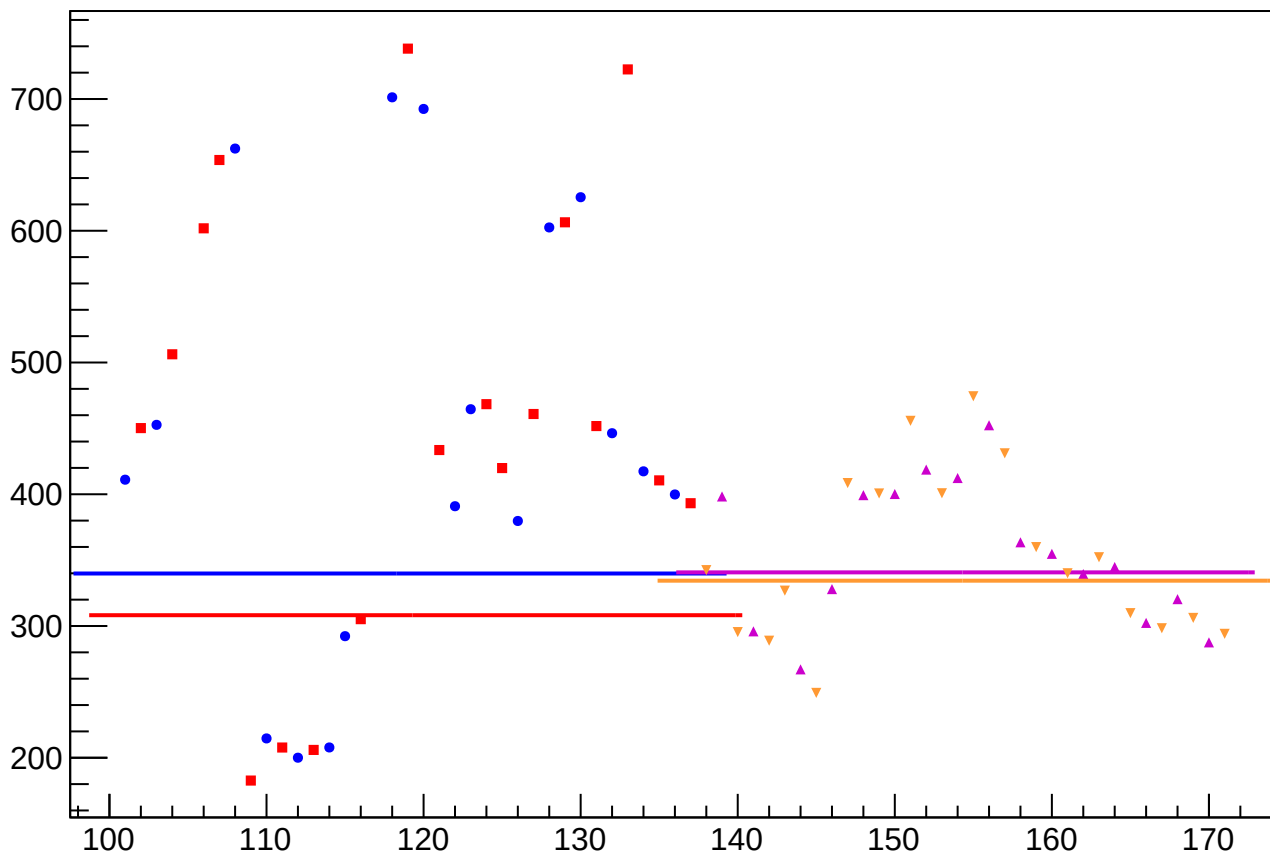
Right: -110.540 $\pm$ 96.143 χ^2/NDF : 32.4/34

In: 159.553 $\pm$ 80.456 χ^2/NDF : 37.1/32

Out: 254.787 $\pm$ 75.175 χ^2/NDF : 78.4/35

All: 210.398 $\pm$ 54.929 χ^2/NDF : 116.2/68

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 334.403 $\pm$ 0.065 χ^2 /NDF: 778305.8/17

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 340.712 $\pm$ 0.069 χ^2 /NDF: 565062.3/15

Left: 337.387 $\pm$ 0.047 χ^2 /NDF: 1347798.6/33

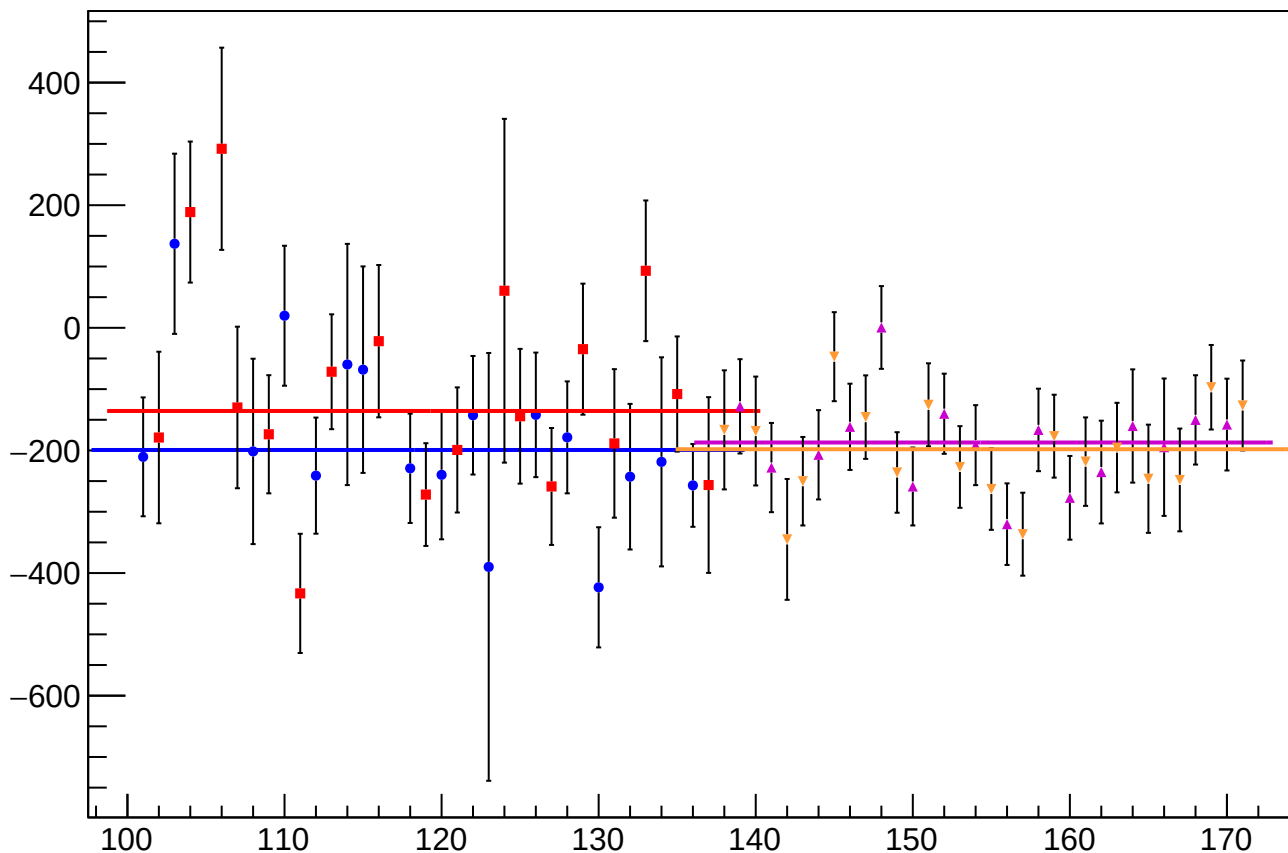
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 340.439 $\pm$ 0.057 χ^2 /NDF: 2608634.4/32

Out: 325.622 $\pm$ 0.053 χ^2 /NDF: 3531275.3/35

All: 332.528 $\pm$ 0.039 χ^2 /NDF: 6176124.4/68

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -198.035 $\pm$ 17.361 χ^2/NDF : 18.6/17

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -187.065 $\pm$ 18.102 χ^2/NDF : 17.3/15

Left: -192.779 $\pm$ 12.530 χ^2/NDF : 36.1/33

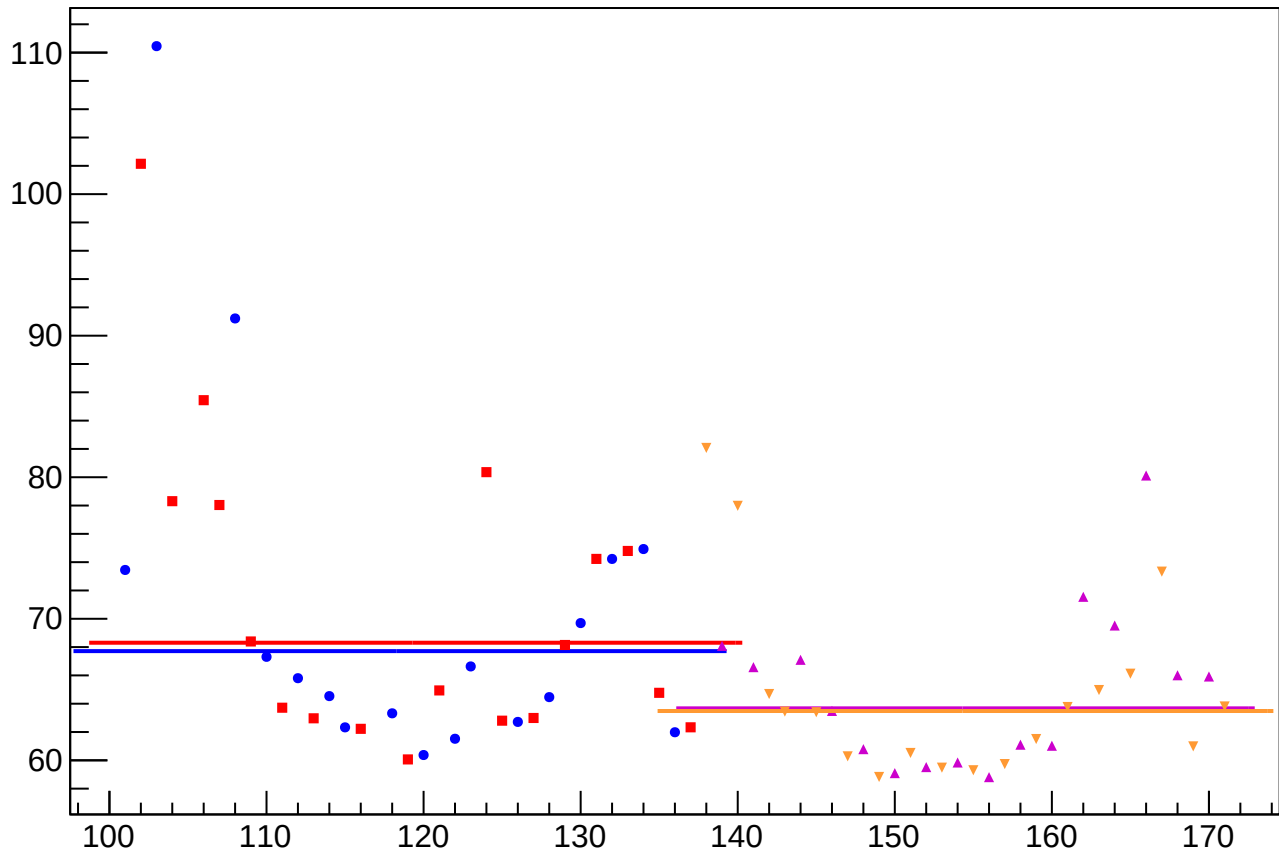
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -190.939 $\pm$ 14.950 χ^2/NDF : 35.1/32

Out: -179.045 $\pm$ 14.481 χ^2/NDF : 59.2/35

All: -184.803 $\pm$ 10.402 χ^2/NDF : 94.6/68

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.485 $\pm$ 0.012 χ^2 /NDF: 201068.4/17

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.672 $\pm$ 0.013 χ^2 /NDF: 132436.6/15

Left: 63.574 $\pm$ 0.009 χ^2 /NDF: 333616.3/33

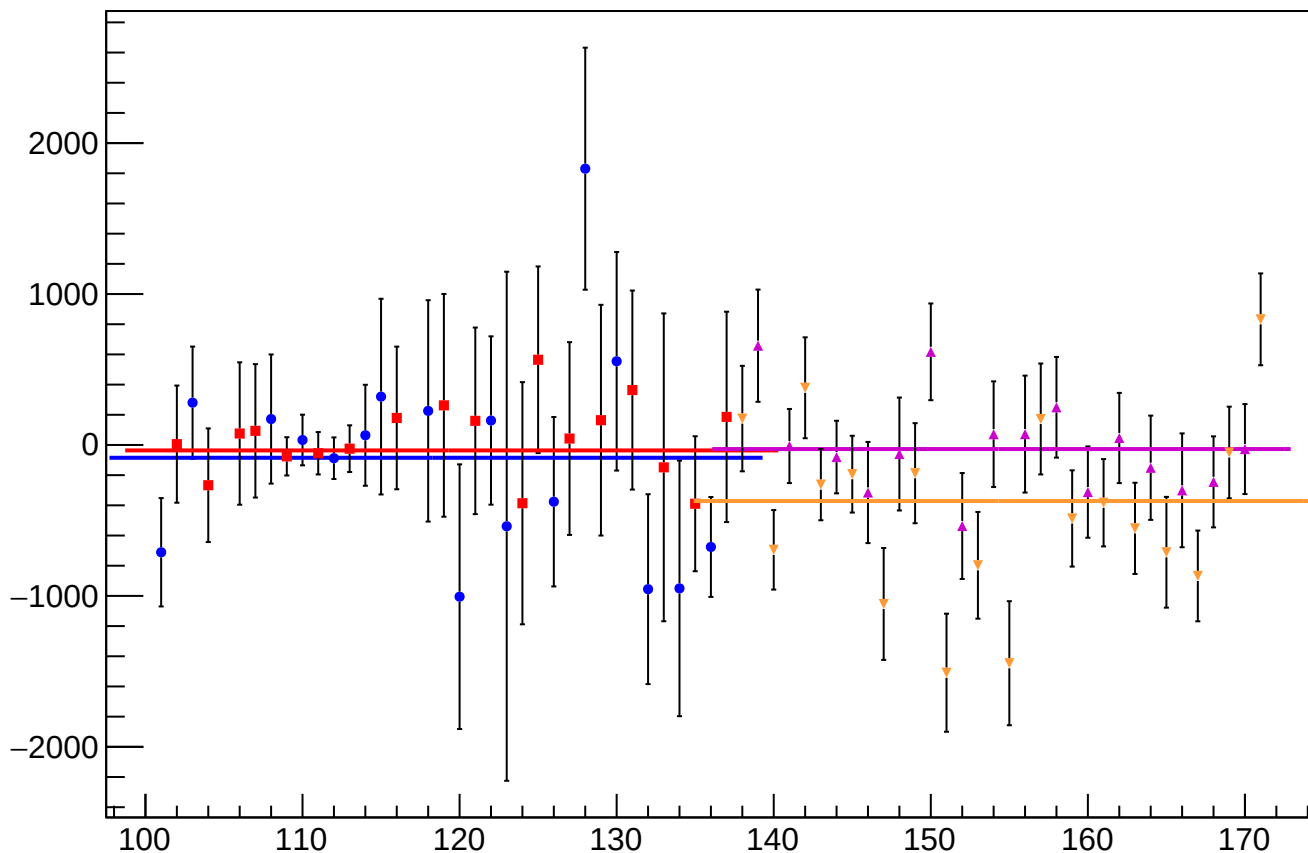
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.957 $\pm$ 0.011 χ^2 /NDF: 447057.4/32

Out: 64.952 $\pm$ 0.010 χ^2 /NDF: 482363.9/35

All: 64.955 $\pm$ 0.007 χ^2 /NDF: 929421.4/68

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -371.401 ± 74.118 χ^2/NDF : 53.2/17

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: -27.033 ± 79.402 χ^2/NDF : 13.3/15

Left: -211.056 ± 54.181 χ^2/NDF : 76.5/33

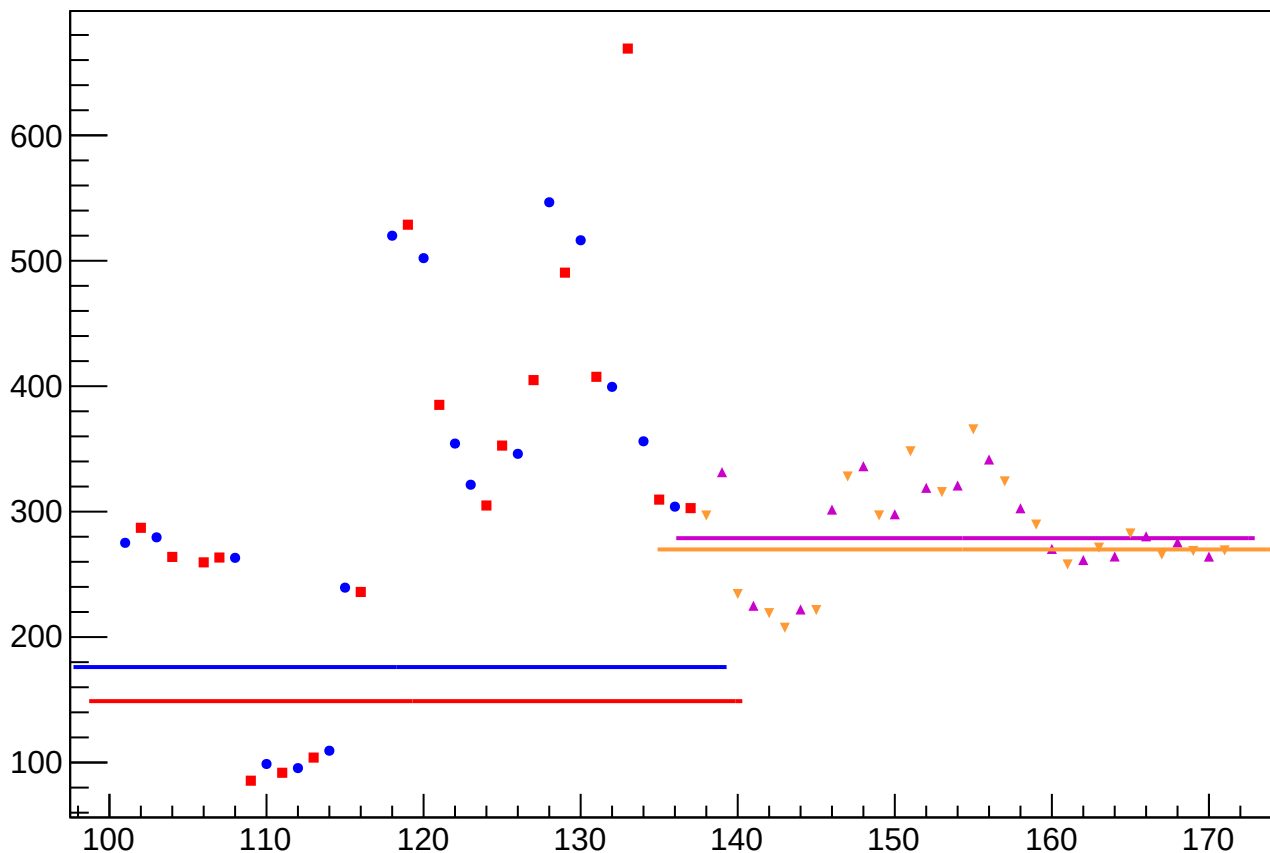
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -54.733 ± 57.265 χ^2/NDF : 33.5/32

Out: -193.598 ± 50.795 χ^2/NDF : 67.5/35

All: -132.451 ± 38.000 χ^2/NDF : 104.2/68

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.858+/-0.052 χ^2/NDF : 648570.3/17

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 278.850+/-0.056 χ^2/NDF : 446139.5/15

Left: 274.045+/-0.038 χ^2/NDF : 1108414.2/33

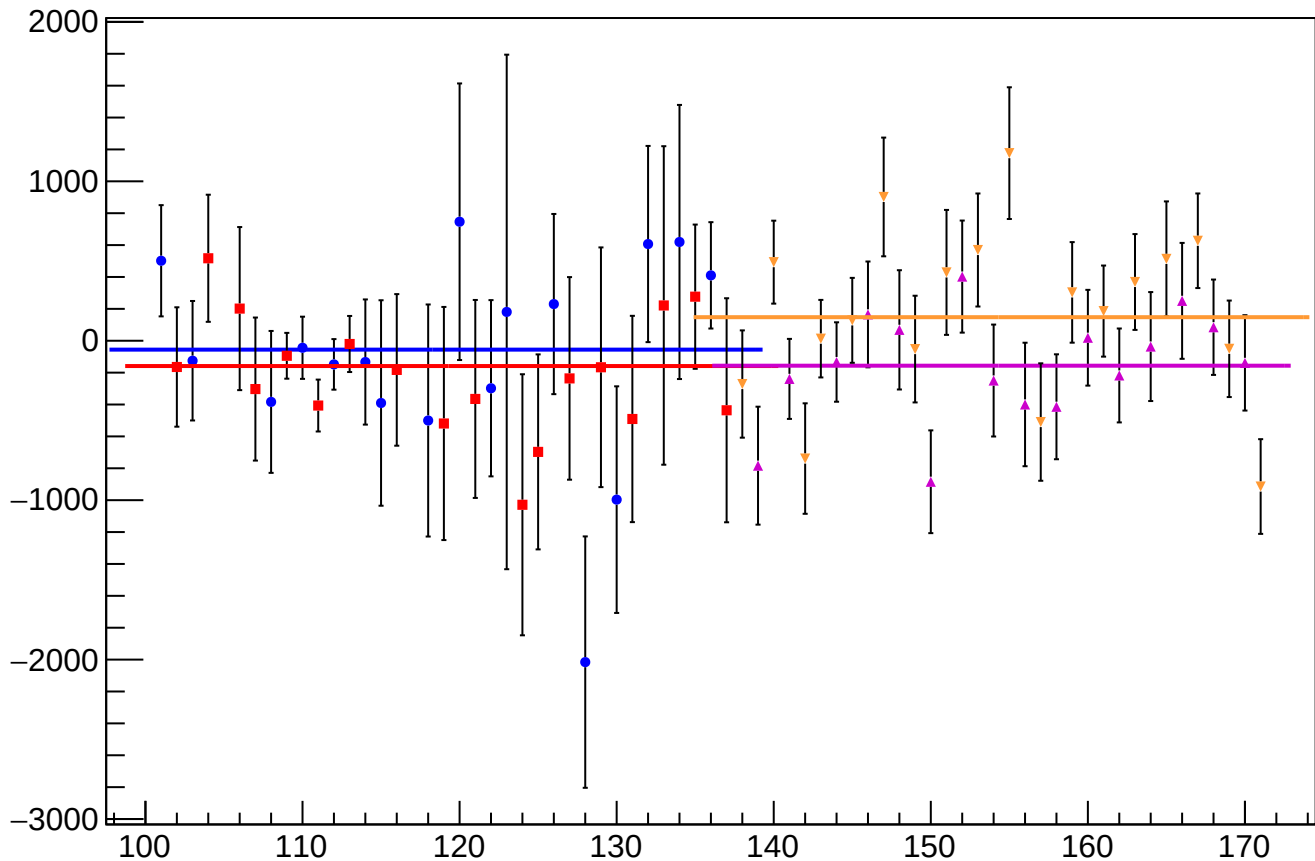
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 229.543+/-0.040 χ^2/NDF : 6277013.3/32

Out: 205.727+/-0.036 χ^2/NDF : 8242919.4/35

All: 216.214+/-0.027 χ^2/NDF : 14713529.7/68

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 147.780 ± 74.229 $\chi^2/\text{NDF}: 43.6/17$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -156.492 ± 79.463 $\chi^2/\text{NDF}: 15.4/15$

Left: 5.994 ± 54.244 $\chi^2/\text{NDF}: 66.9/33$

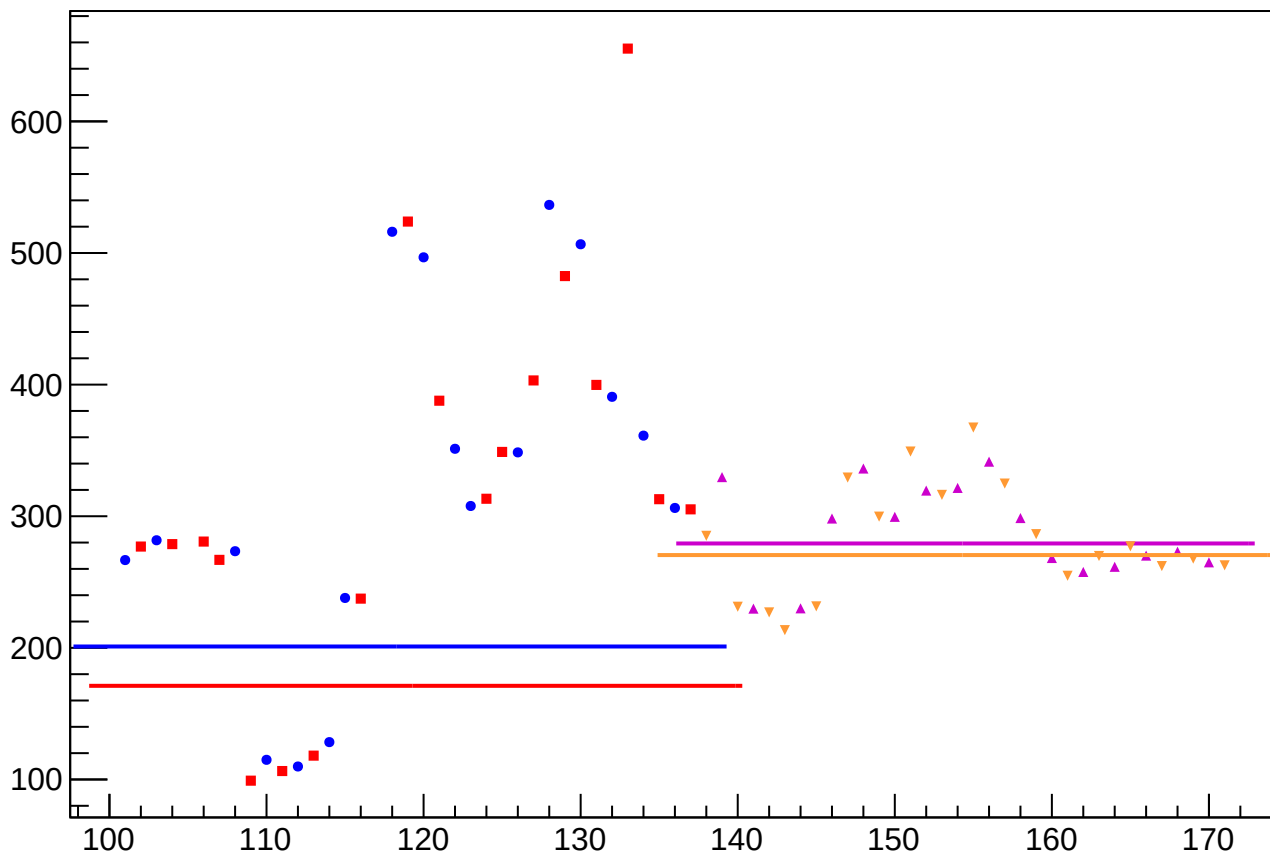
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -112.663 ± 59.733 $\chi^2/\text{NDF}: 33.3/32$

Out: 0.308 ± 53.465 $\chi^2/\text{NDF}: 62.2/35$

All: -49.942 ± 39.838 $\chi^2/\text{NDF}: 97.4/68$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 270.500+/-0.052 χ^2/NDF : 581479.4/17

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 279.311+/-0.056 χ^2/NDF : 393062.3/15

Left: 274.606+/-0.038 χ^2/NDF : 987673.2/33

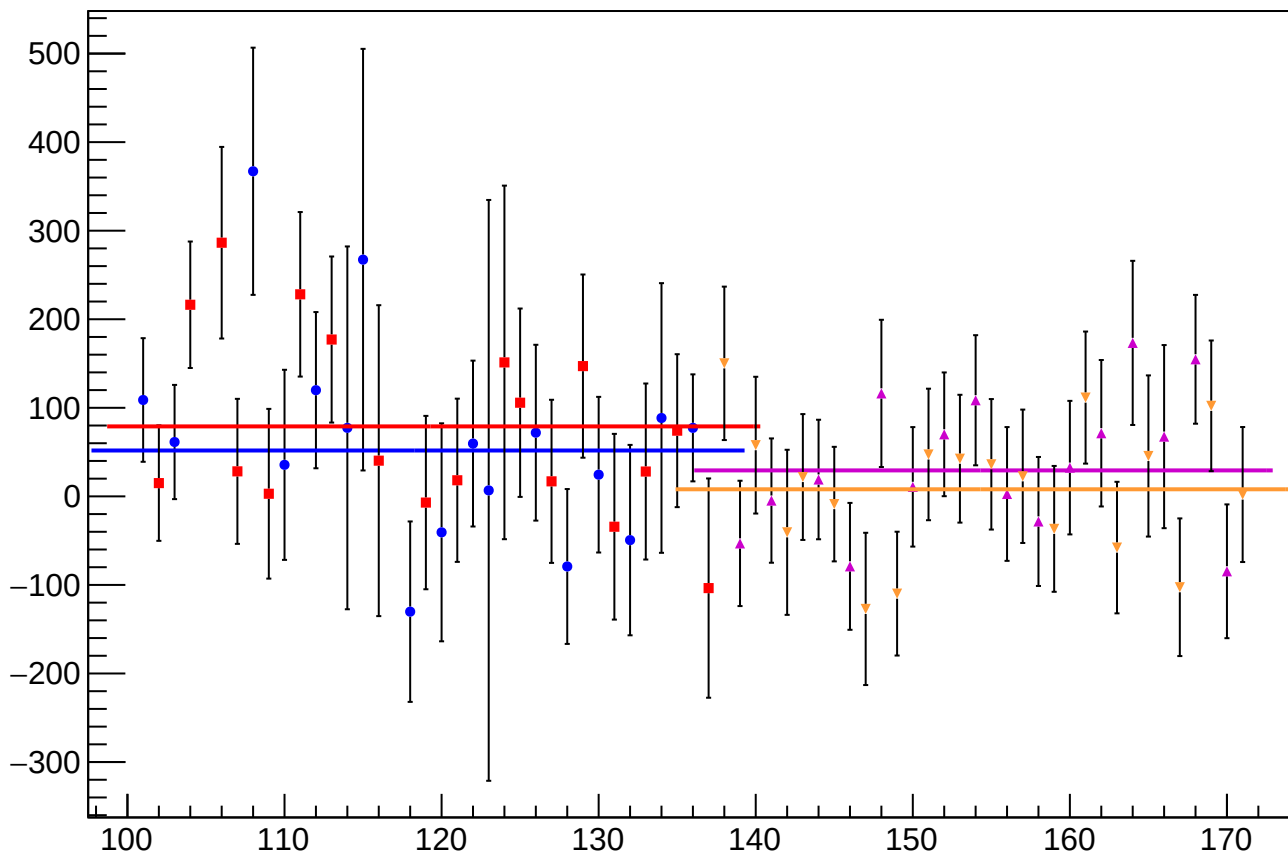
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 245.266+/-0.042 χ^2/NDF : 4670159.3/32

Out: 222.695+/-0.038 χ^2/NDF : 6370848.9/35

All: 232.735+/-0.028 χ^2/NDF : 11199550.2/68

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 ± 23.538 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 7.993 ± 17.879 $\chi^2/\text{NDF}: 16.4/17$

Right Out: 79.008 ± 22.499 $\chi^2/\text{NDF}: 19.0/17$

Left In: 29.322 ± 18.792 $\chi^2/\text{NDF}: 15.4/15$

Left: 18.127 ± 12.953 $\chi^2/\text{NDF}: 32.5/33$

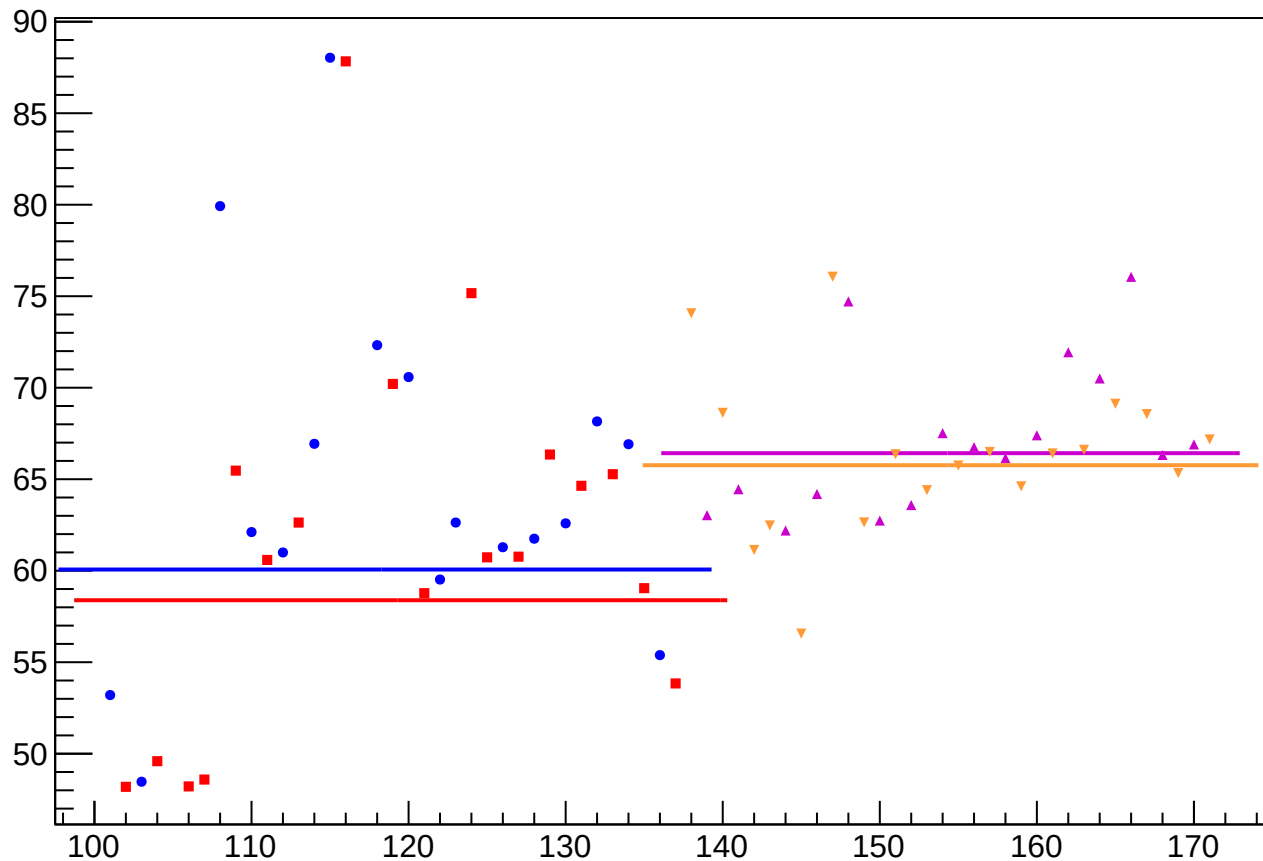
Right: 66.018 ± 16.264 $\chi^2/\text{NDF}: 34.2/34$

In: 38.072 ± 14.686 $\chi^2/\text{NDF}: 30.5/32$

Out: 35.480 ± 13.998 $\chi^2/\text{NDF}: 41.5/35$

All: 36.714 ± 10.132 $\chi^2/\text{NDF}: 72.0/68$

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 65.765 $\pm$ 0.013 χ^2 /NDF: 111538.0/17

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 66.424 $\pm$ 0.013 χ^2 /NDF: 76167.7/15

Left: 66.078 $\pm$ 0.009 χ^2 /NDF: 188995.3/33

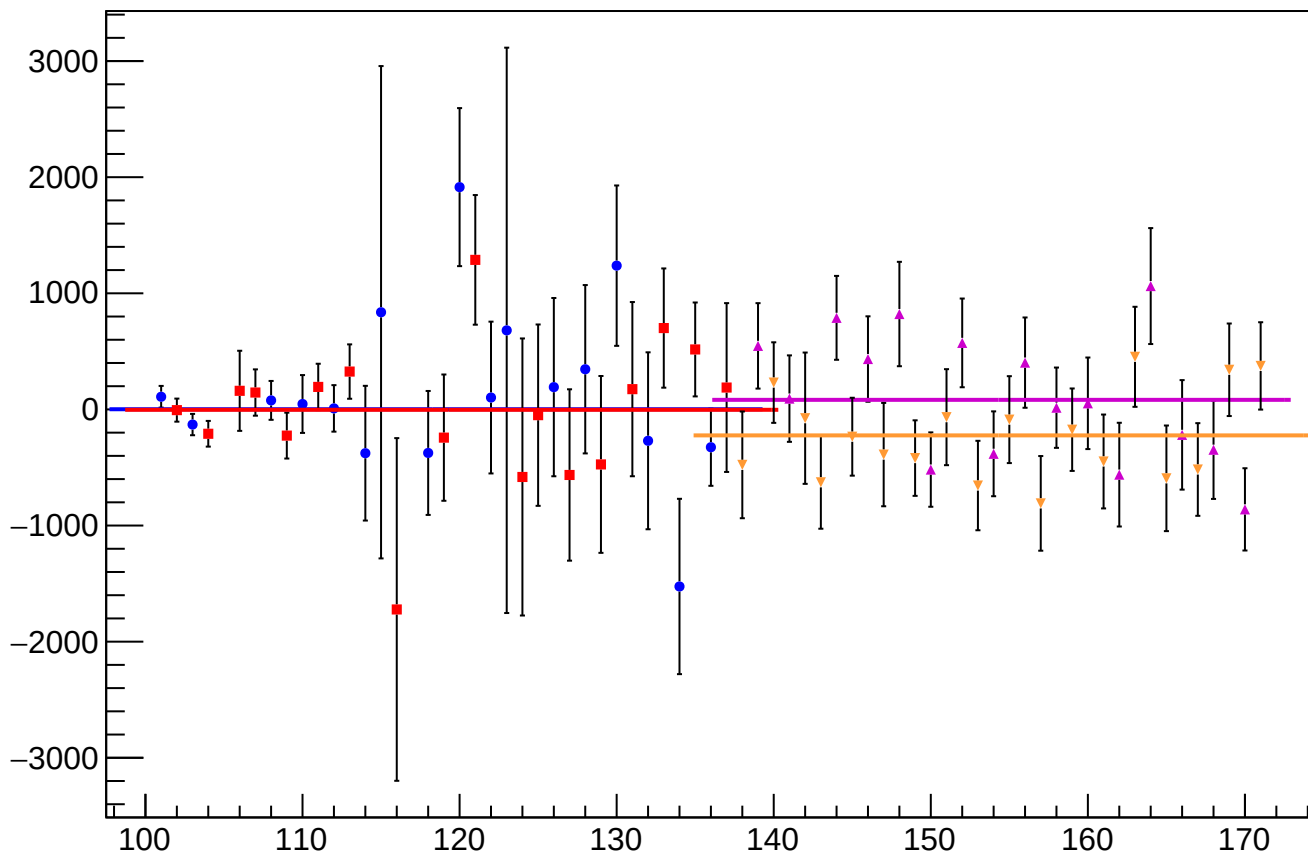
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 63.948 $\pm$ 0.010 χ^2 /NDF: 394391.2/32

Out: 62.909 $\pm$ 0.010 χ^2 /NDF: 518376.6/35

All: 63.404 $\pm$ 0.007 χ^2 /NDF: 918015.6/68

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -223.609+/-93.048 χ^2/NDF :15.8/17

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 82.517+/-96.593 χ^2/NDF :31.0/15

Left: -76.267+/-67.013 χ^2/NDF : 52.0/33

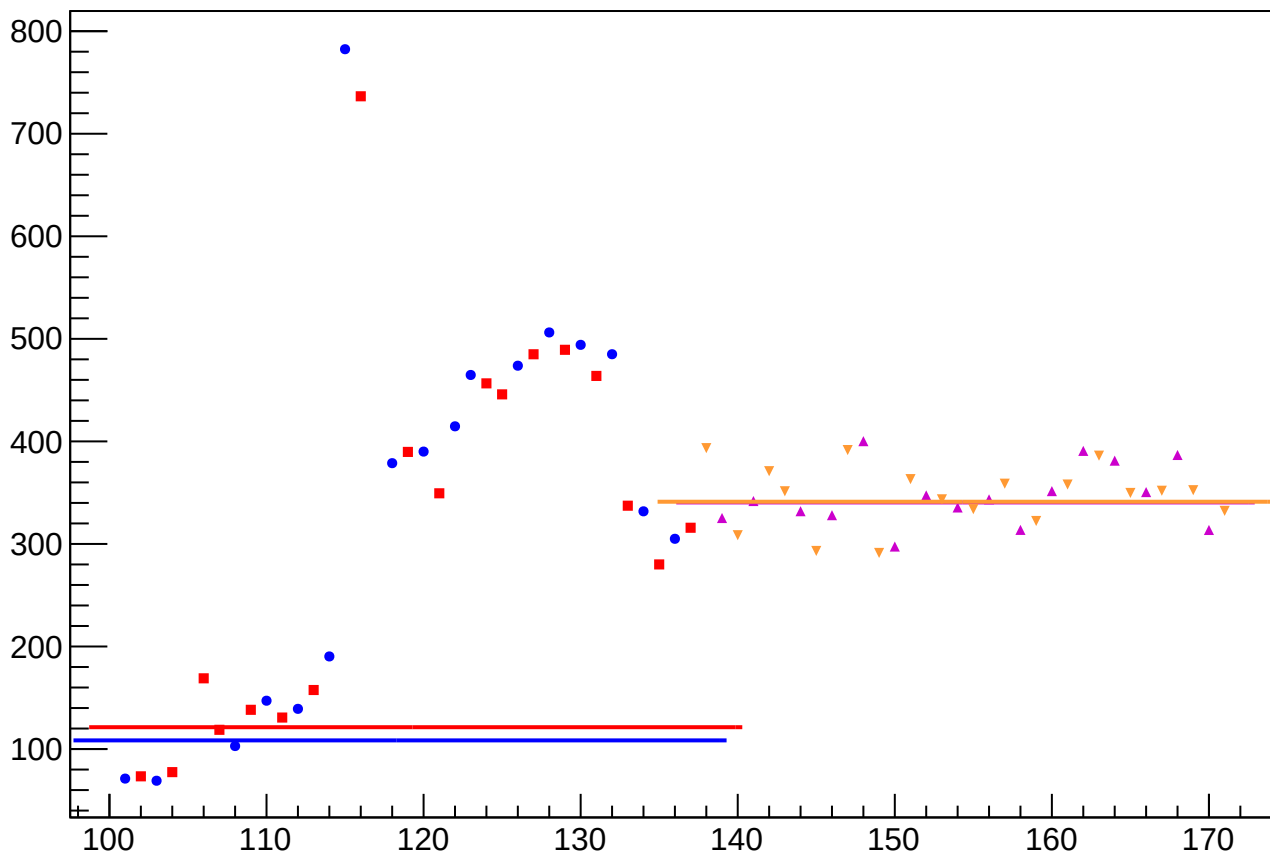
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 21.007+/-47.323 χ^2/NDF :52.9/32

Out: -62.777+/-48.363 χ^2/NDF :40.1/35

All: -19.974+/-33.824 χ^2/NDF : 94.5/68

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2/NDF : 5404107.9/16

Left Out: 341.166 $\pm$ 0.066 χ^2/NDF : 210058.7/17

Right Out: 121.303 $\pm$ 0.040 χ^2/NDF : 4731568.2/17

Left In: 340.470 $\pm$ 0.068 χ^2/NDF : 167852.2/15

Left: 340.831 $\pm$ 0.047 χ^2/NDF : 377964.7/33

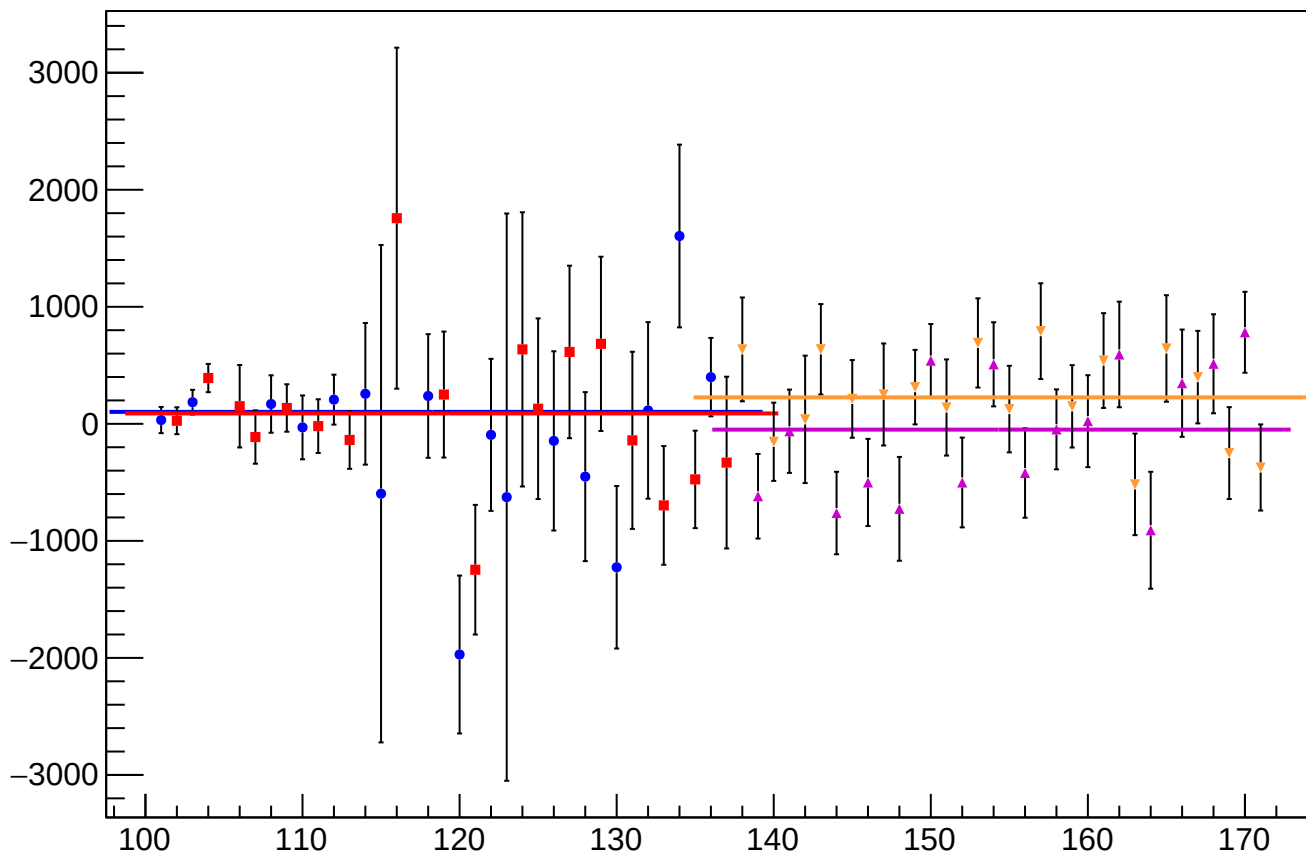
Right: 114.604 $\pm$ 0.028 χ^2/NDF : 10189429.3/34

In: 164.136 $\pm$ 0.033 χ^2/NDF : 14342158.2/32

Out: 180.702 $\pm$ 0.034 χ^2/NDF : 13091453.4/35

All: 172.239 $\pm$ 0.024 χ^2/NDF : 27553481.4/68

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 225.961 $\pm$ 91.672 χ^2 /NDF:15.7/17

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -49.389 $\pm$ 95.269 χ^2 /NDF:32.0/15

Left: 93.584 $\pm$ 66.057 χ^2 /NDF: 52.0/33

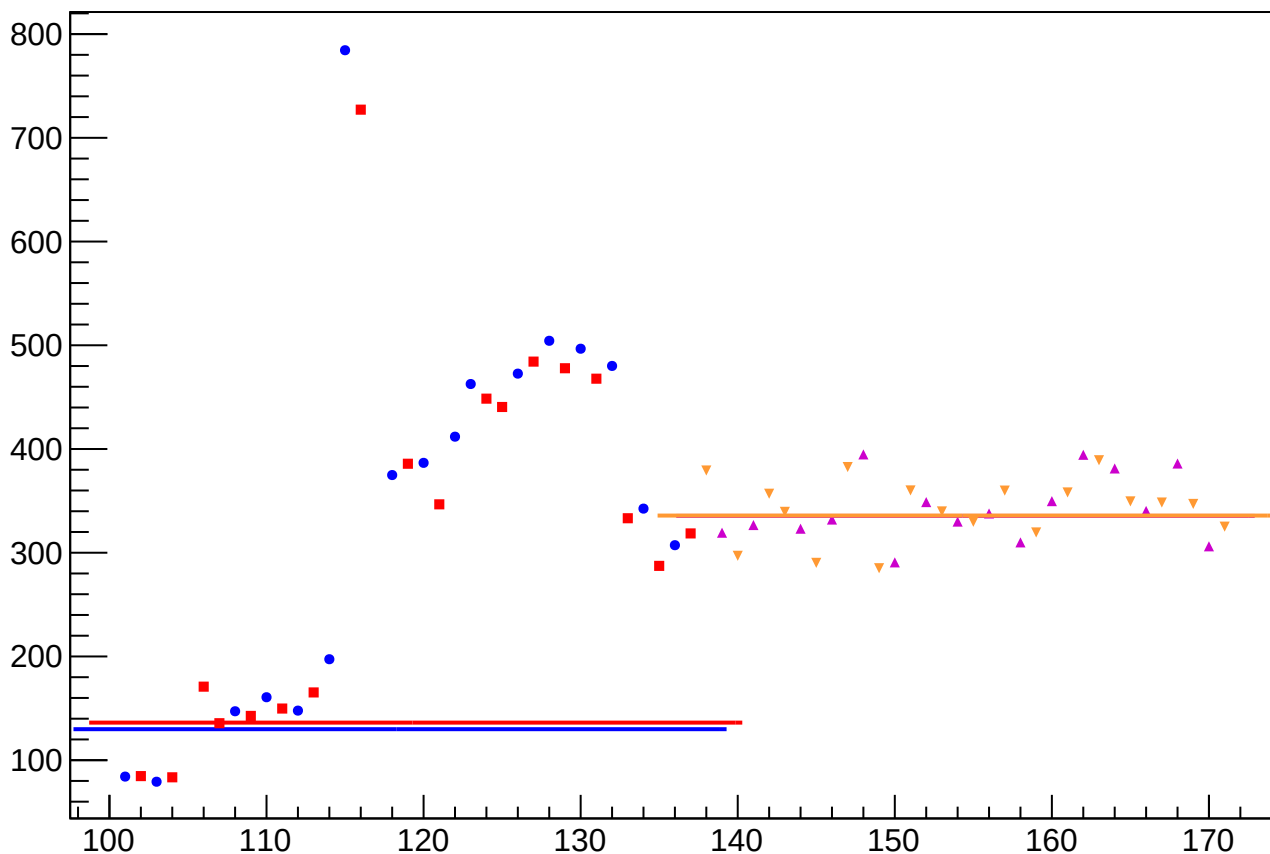
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 55.964 $\pm$ 52.623 χ^2 /NDF:54.0/32

Out: 132.096 $\pm$ 51.488 χ^2 /NDF:39.0/35

All: 94.860 $\pm$ 36.802 χ^2 /NDF: 94.1/68

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 335.829+/-0.065 χ^2/NDF : 223210.1/17

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 335.477+/-0.067 χ^2/NDF : 195310.2/15

Left: 335.660+/-0.047 χ^2/NDF : 418534.4/33

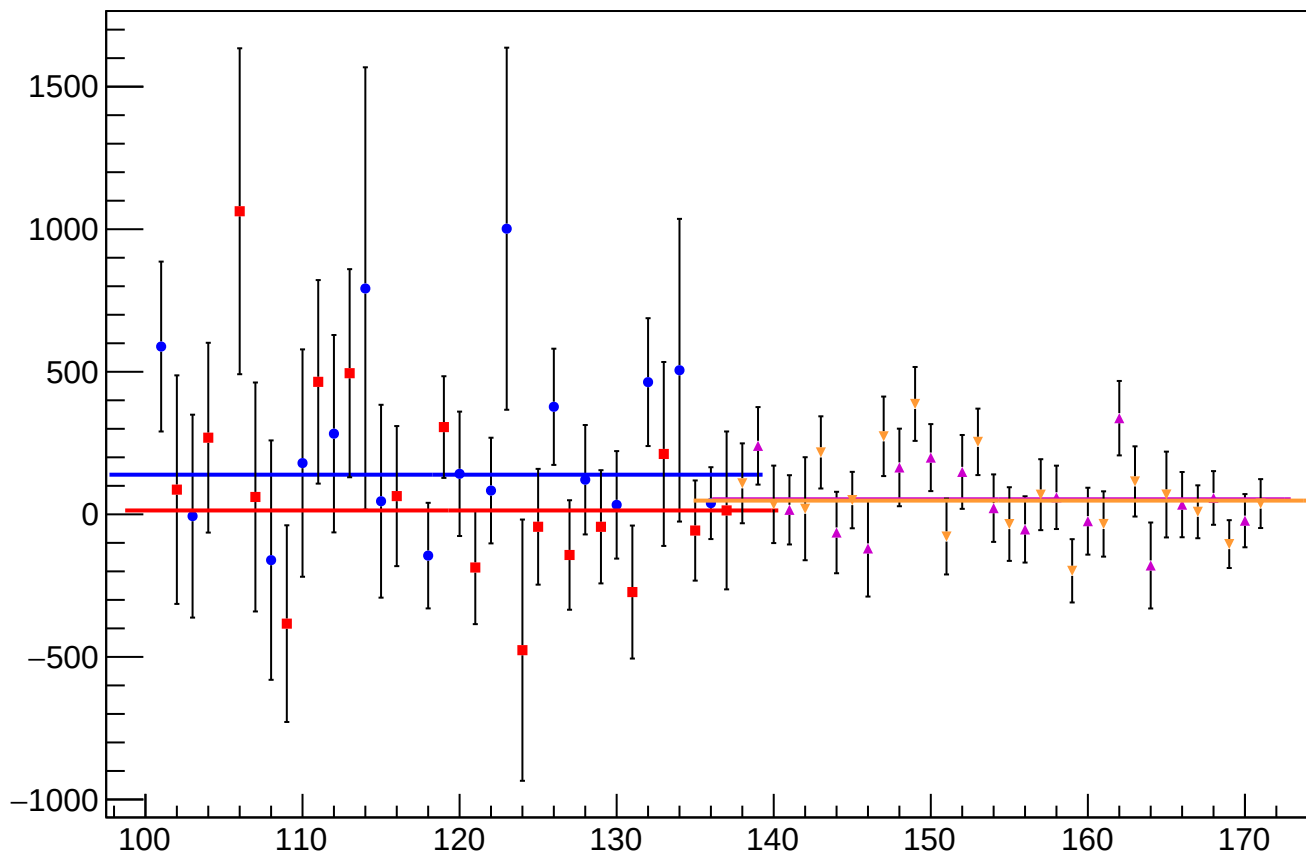
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 192.611+/-0.037 χ^2/NDF : 11497126.1/32

Out: 199.191+/-0.036 χ^2/NDF : 10996842.4/35

All: 195.973+/-0.026 χ^2/NDF : 22509943.6/68

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 48.218 $\pm$ 27.446 χ^2 /NDF:25.2/17

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 52.914 $\pm$ 30.181 χ^2 /NDF:15.6/15

Left: 50.343 $\pm$ 20.305 χ^2 /NDF: 40.8/33

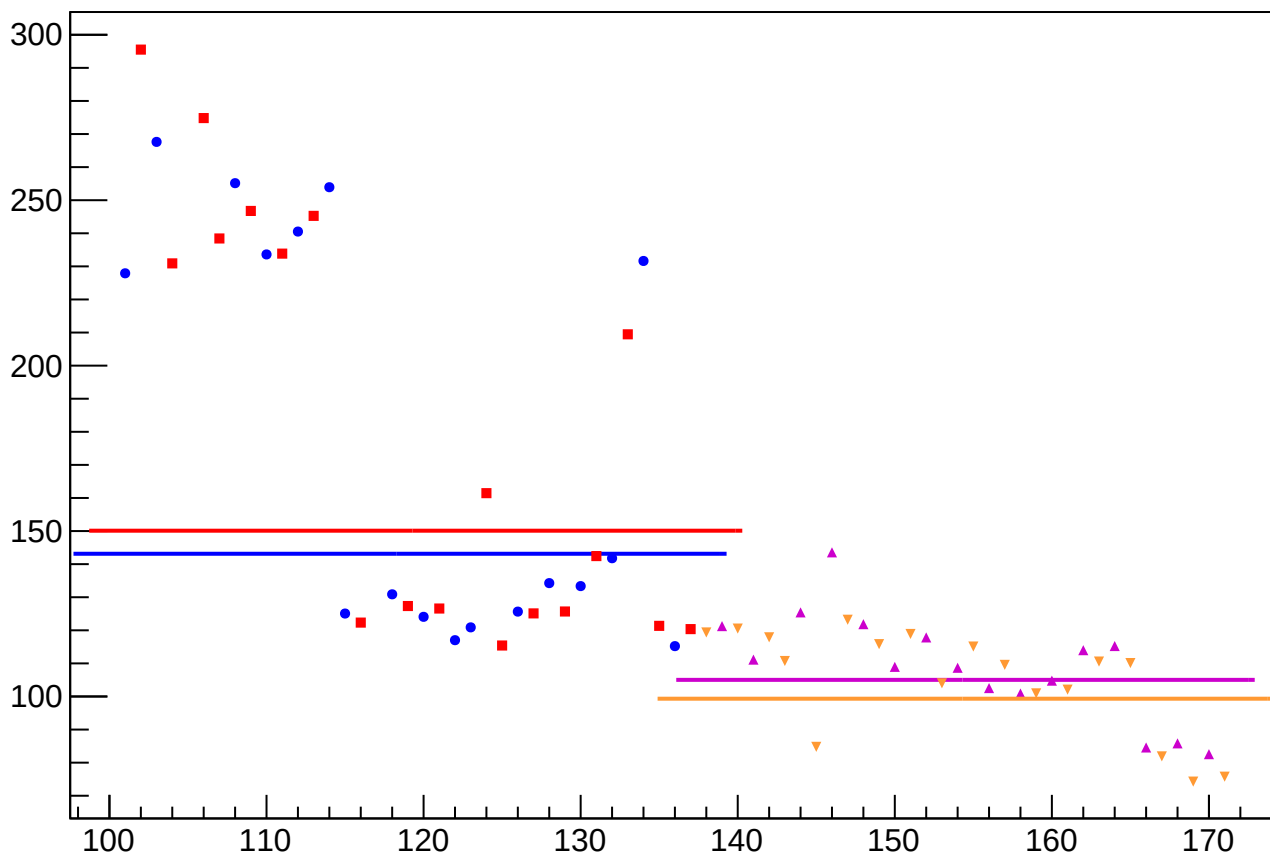
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 71.286 $\pm$ 26.771 χ^2 /NDF:30.4/32

Out: 42.255 $\pm$ 24.968 χ^2 /NDF:41.9/35

All: 55.760 $\pm$ 18.259 χ^2 /NDF: 72.9/68

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 99.330 $\pm$ 0.019 χ^2 /NDF: 779180.8/17

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 105.025 $\pm$ 0.021 χ^2 /NDF: 518219.0/15

Left: 101.908 $\pm$ 0.014 χ^2 /NDF: 1336382.3/33

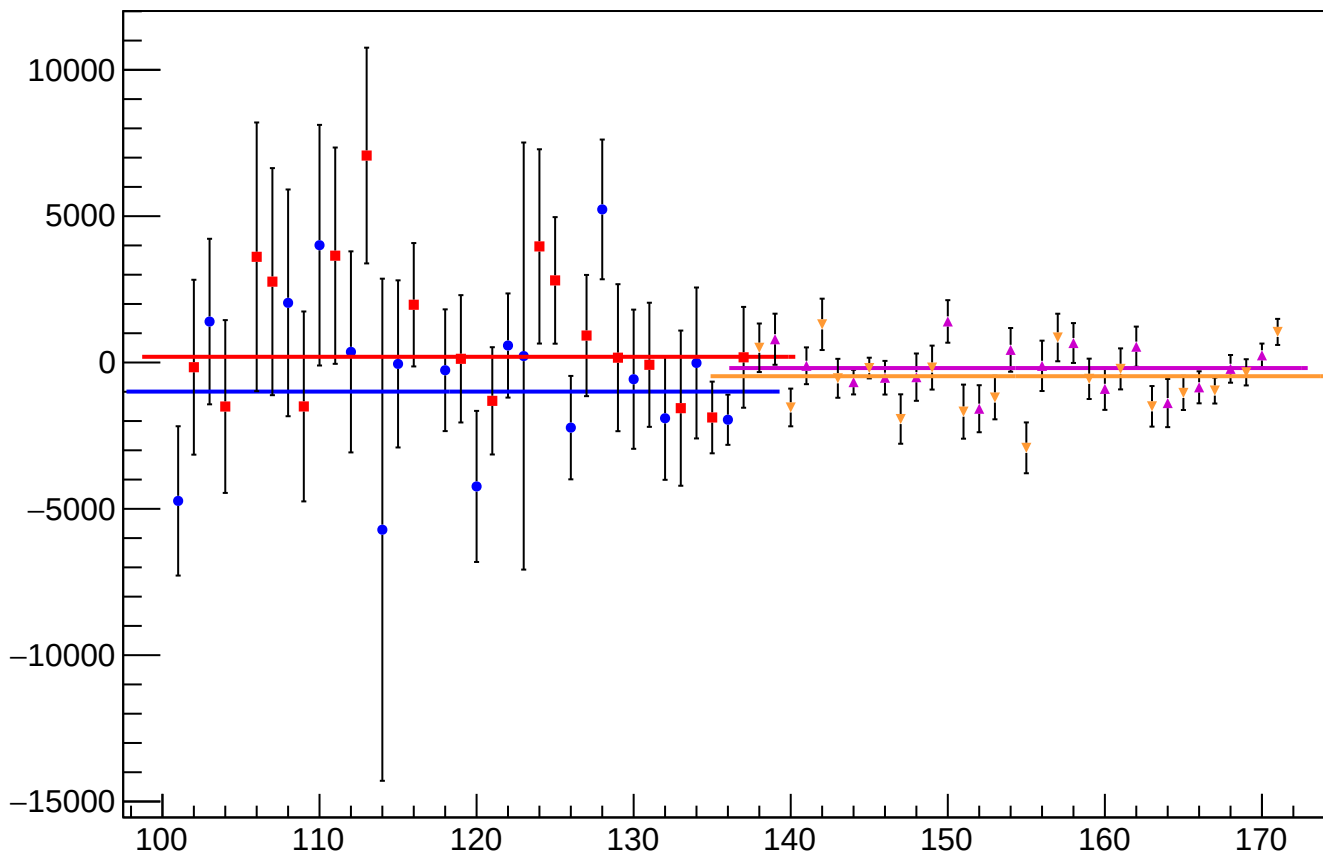
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 113.151 $\pm$ 0.019 χ^2 /NDF: 2299474.2/32

Out: 108.086 $\pm$ 0.018 χ^2 /NDF: 3292460.2/35

All: 110.442 $\pm$ 0.013 χ^2 /NDF: 5630221.4/68

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 $\pm$ 516.463 χ^2 /NDF: 16.9/16

Left Out: -468.279 $\pm$ 143.302 χ^2 /NDF:41.4/17

Right Out: 195.049 $\pm$ 543.821 χ^2 /NDF: 13.5/17

Left In: -189.516 $\pm$ 153.702 χ^2 /NDF:20.0/15

Left: -338.647 $\pm$ 104.814 χ^2 /NDF: 63.2/33

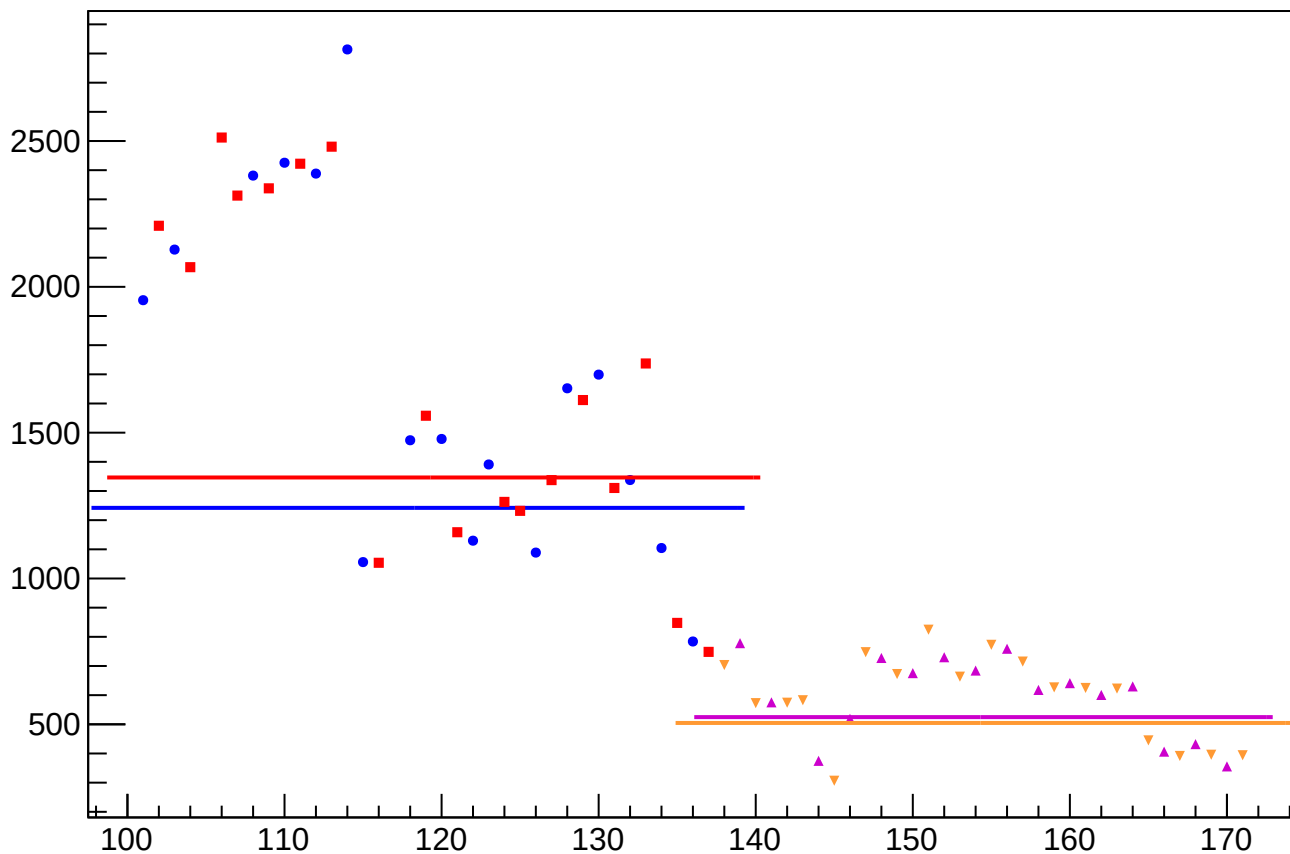
Right: -430.023 $\pm$ 374.493 χ^2 /NDF: 33.0/34

In: -254.953 $\pm$ 147.317 χ^2 /NDF:39.2/32

Out: -425.210 $\pm$ 138.572 χ^2 /NDF:56.4/35

All: -345.285 $\pm$ 100.935 χ^2 /NDF: 96.2/68

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 504.682+/-0.101 χ^2/NDF : 2297073.4/17

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 524.708+/-0.109 χ^2/NDF : 1689902.7/15

Left: 513.995+/-0.074 χ^2/NDF : 4005139.9/33

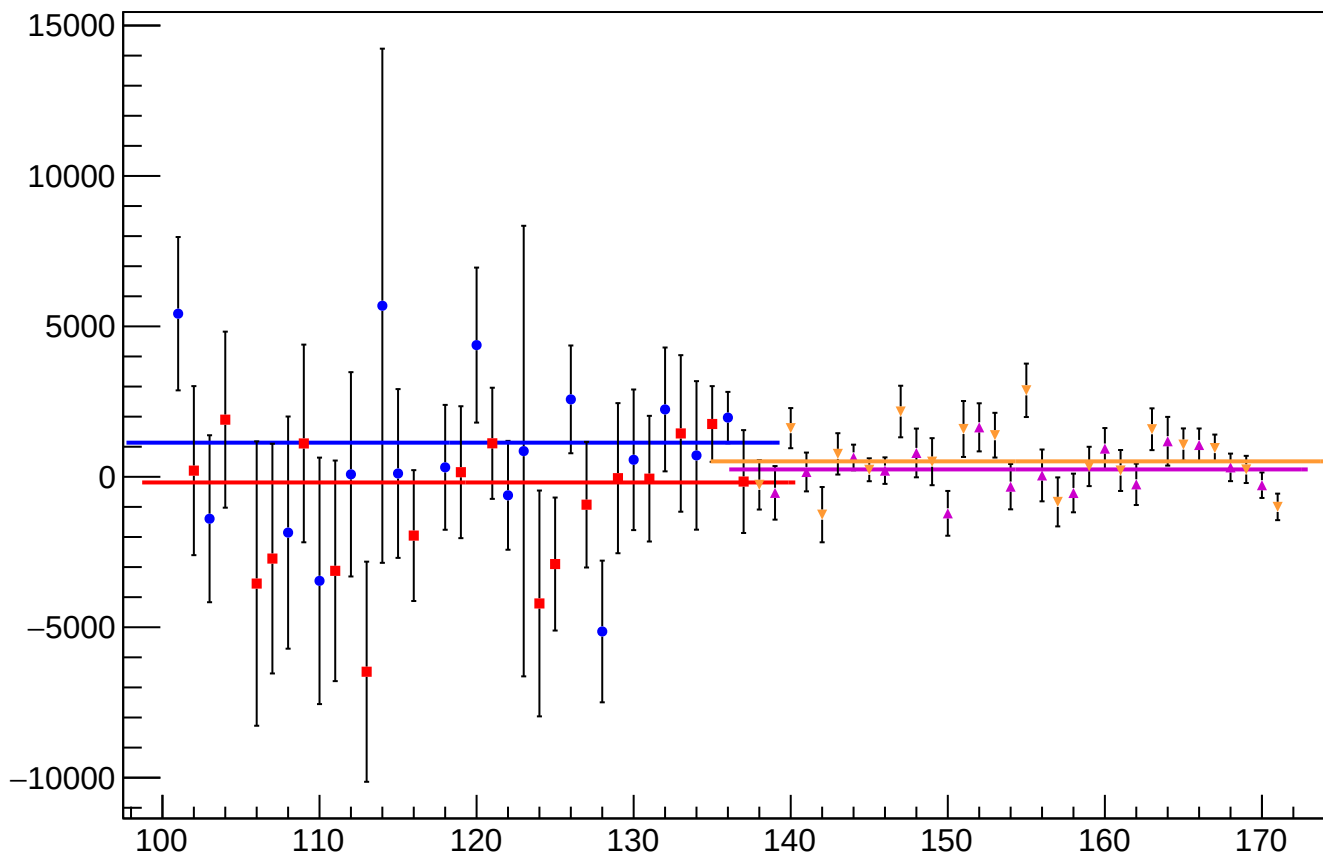
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 583.083+/-0.104 χ^2/NDF : 7002974.2/32

Out: 559.329+/-0.098 χ^2/NDF : 8585774.9/35

All: 570.480+/-0.071 χ^2/NDF : 15616336.6/68

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 514.054 $\pm$ 144.783 χ^2 /NDF: 41.1/17

Right Out: -187.508 $\pm$ 548.191 χ^2 /NDF: 12.0/17

Left In: 245.662 $\pm$ 150.405 χ^2 /NDF: 17.8/15

Left: 384.967 $\pm$ 104.308 χ^2 /NDF: 60.5/33

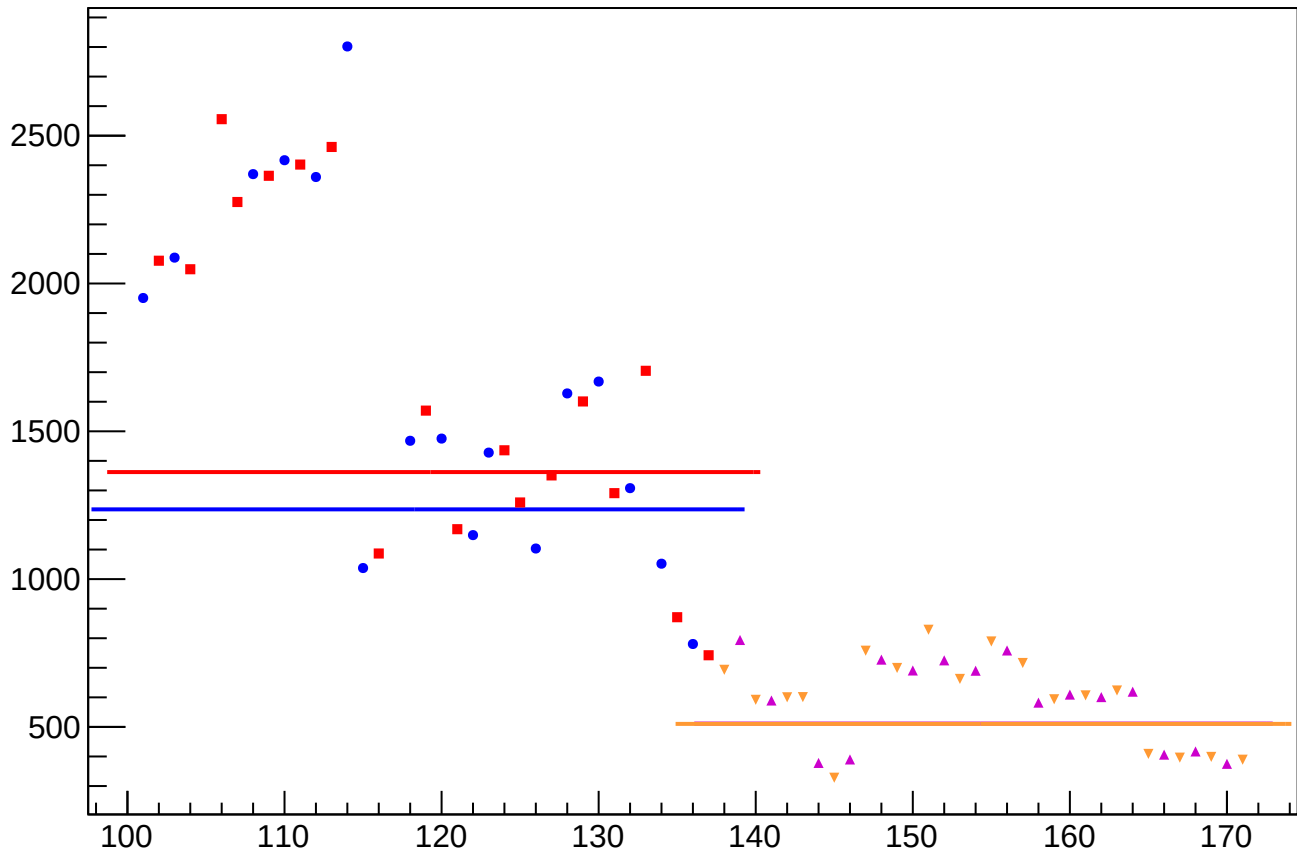
Right: 516.685 $\pm$ 374.869 χ^2 /NDF: 32.9/34

In: 315.881 $\pm$ 144.347 χ^2 /NDF: 38.3/32

Out: 468.307 $\pm$ 139.983 χ^2 /NDF: 54.6/35

All: 394.433 $\pm$ 100.491 χ^2 /NDF: 93.5/68

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 510.242 $\pm$ 0.102 χ^2 /NDF: 2167619.1/17

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 511.350 $\pm$ 0.106 χ^2 /NDF: 1757163.5/15

Left: 510.775 $\pm$ 0.074 χ^2 /NDF: 3924838.9/33

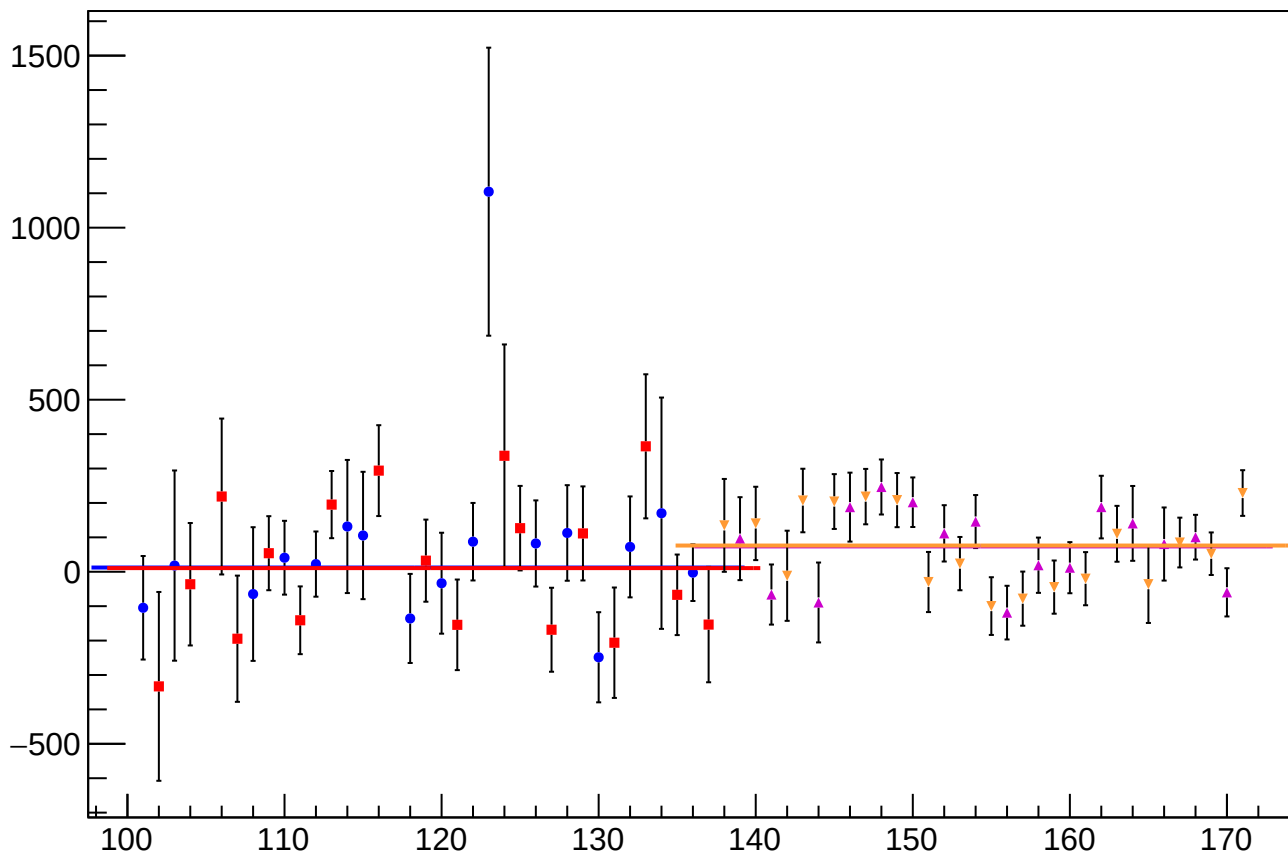
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 568.547 $\pm$ 0.102 χ^2 /NDF: 7166952.9/32

Out: 565.788 $\pm$ 0.099 χ^2 /NDF: 8391351.0/35

All: 567.125 $\pm$ 0.071 χ^2 /NDF: 15558680.4/68

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 76.208 $\pm$ 19.468 χ^2 /NDF: 32.3/17

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 73.681 $\pm$ 20.963 χ^2 /NDF: 27.8/15

Left: 75.038 $\pm$ 14.265 χ^2 /NDF: 60.1/33

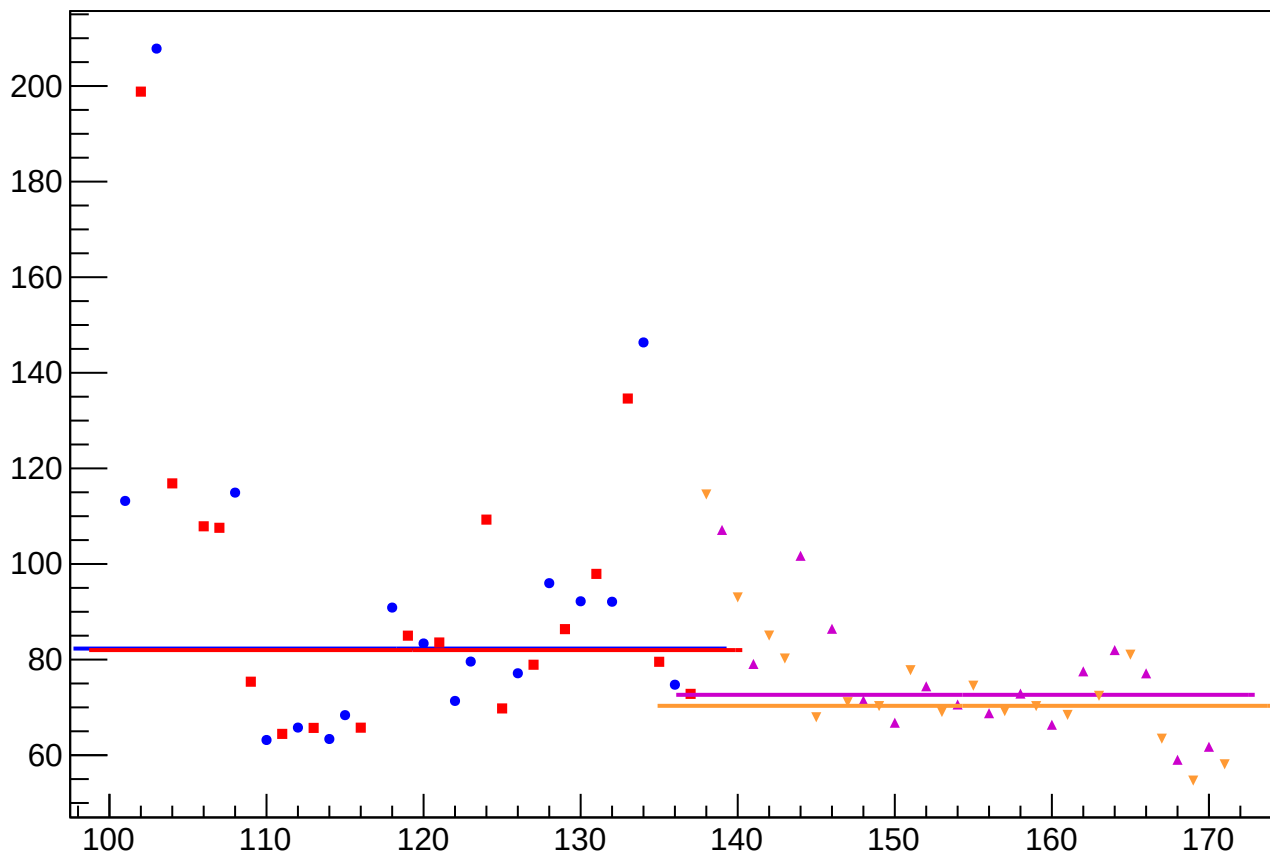
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 56.208 $\pm$ 17.729 χ^2 /NDF: 45.6/32

Out: 58.964 $\pm$ 16.715 χ^2 /NDF: 62.0/35

All: 57.667 $\pm$ 12.162 χ^2 /NDF: 107.7/68

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 70.326 $\pm$ 0.014 χ^2 /NDF: 610647.8/17

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 72.628 $\pm$ 0.015 χ^2 /NDF: 533151.0/15

Left: 71.392 $\pm$ 0.010 χ^2 /NDF: 1156751.5/33

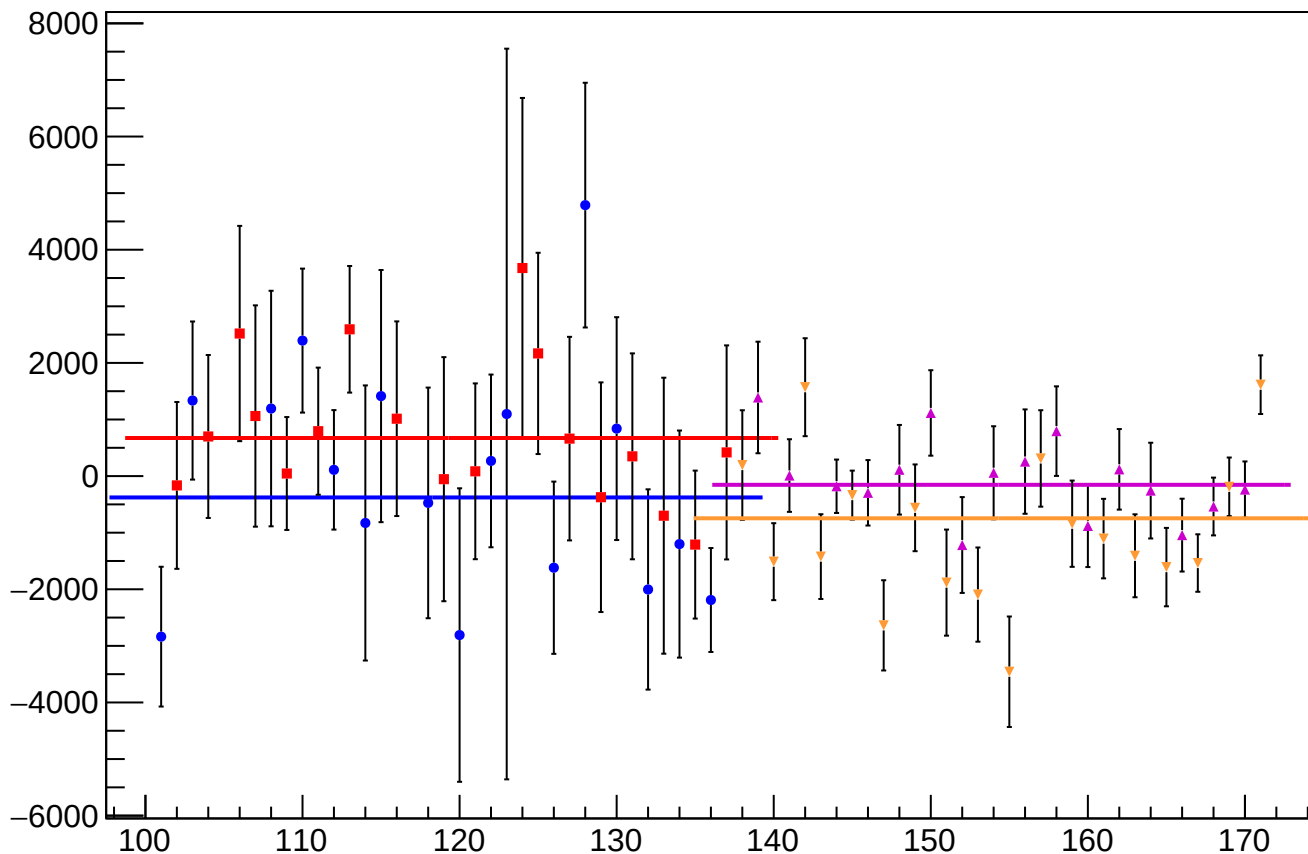
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 75.383 $\pm$ 0.013 χ^2 /NDF: 1523258.1/32

Out: 73.390 $\pm$ 0.012 χ^2 /NDF: 1652472.6/35

All: 74.328 $\pm$ 0.009 χ^2 /NDF: 3189109.8/68

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: -745.502 ± 160.129 $\chi^2/\text{NDF}: 57.1/17$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: -154.167 ± 167.845 $\chi^2/\text{NDF}: 12.5/15$

Left: -463.740 ± 115.860 $\chi^2/\text{NDF}: 76.1/33$

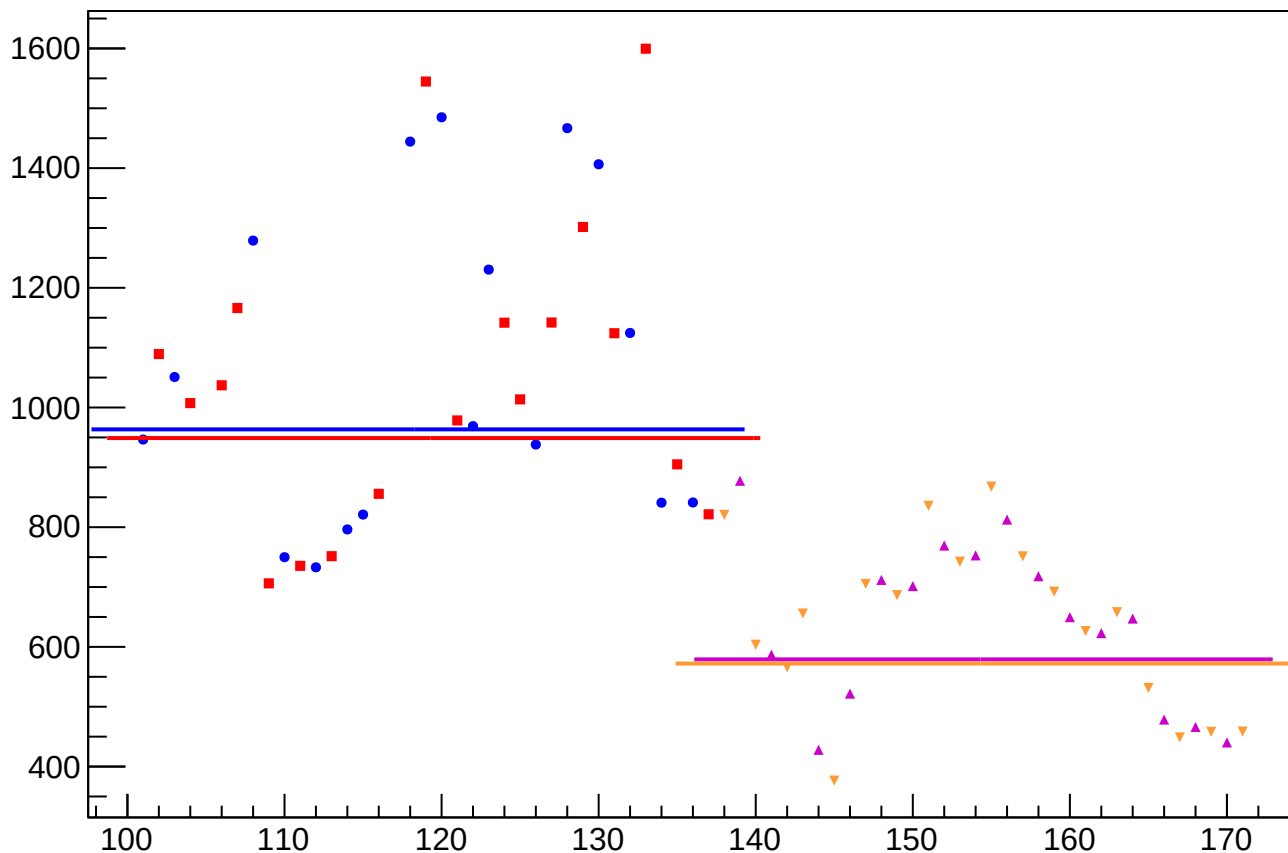
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -189.980 ± 153.789 $\chi^2/\text{NDF}: 37.2/32$

Out: -520.292 ± 146.870 $\chi^2/\text{NDF}: 78.9/35$

All: -362.733 ± 106.215 $\chi^2/\text{NDF}: 118.6/68$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 572.150+/-0.113 χ^2/NDF : 1591217.5/17

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 579.101+/-0.119 χ^2/NDF : 1239746.1/15

Left: 575.462+/-0.082 χ^2/NDF : 2832759.2/33

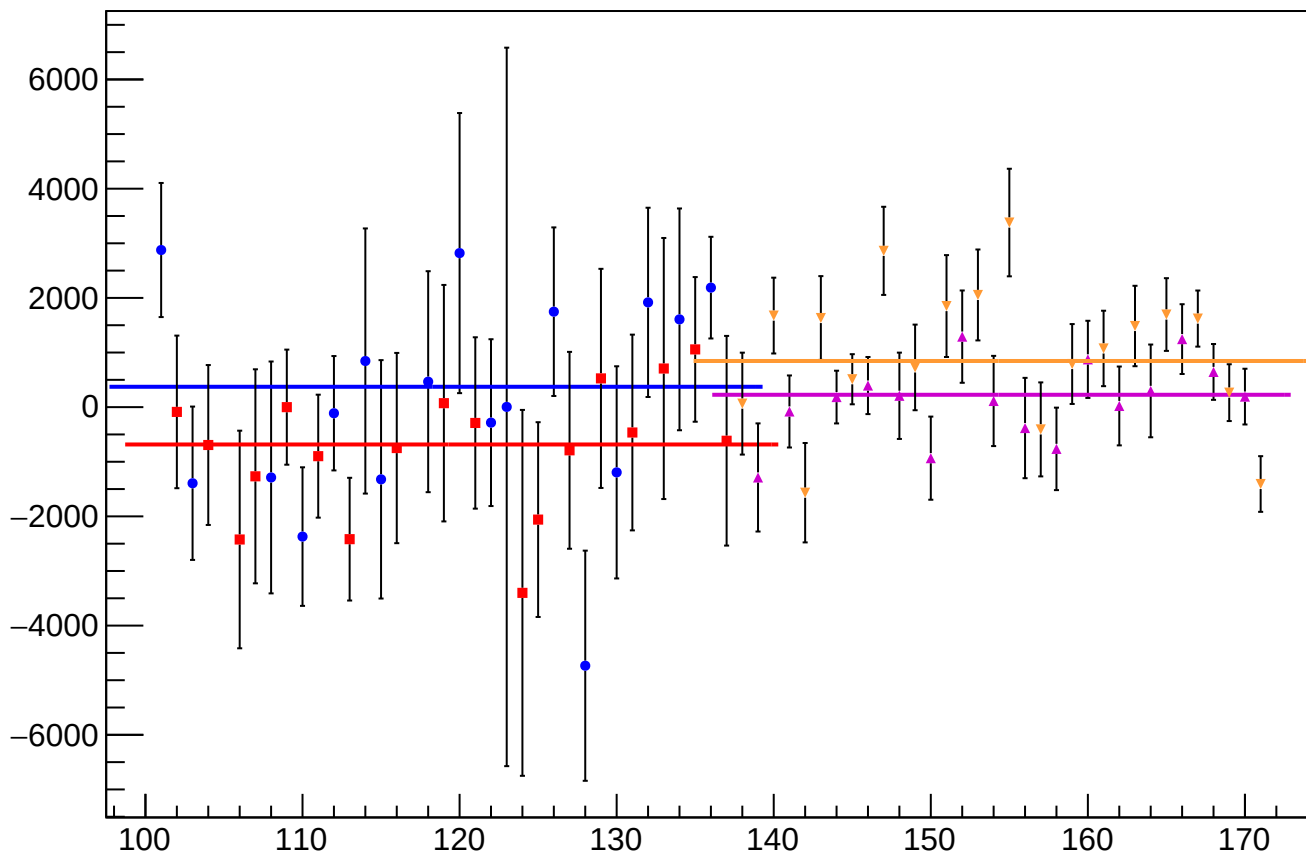
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 640.784+/-0.109 χ^2/NDF : 3611785.3/32

Out: 631.965+/-0.104 χ^2/NDF : 4078549.6/35

All: 636.171+/-0.075 χ^2/NDF : 7693774.9/68

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 845.163 $\pm$ 161.326 χ^2 /NDF: 54.6/17

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 226.356 $\pm$ 167.062 χ^2 /NDF: 12.9/15

Left: 546.565 $\pm$ 116.049 χ^2 /NDF: 74.6/33

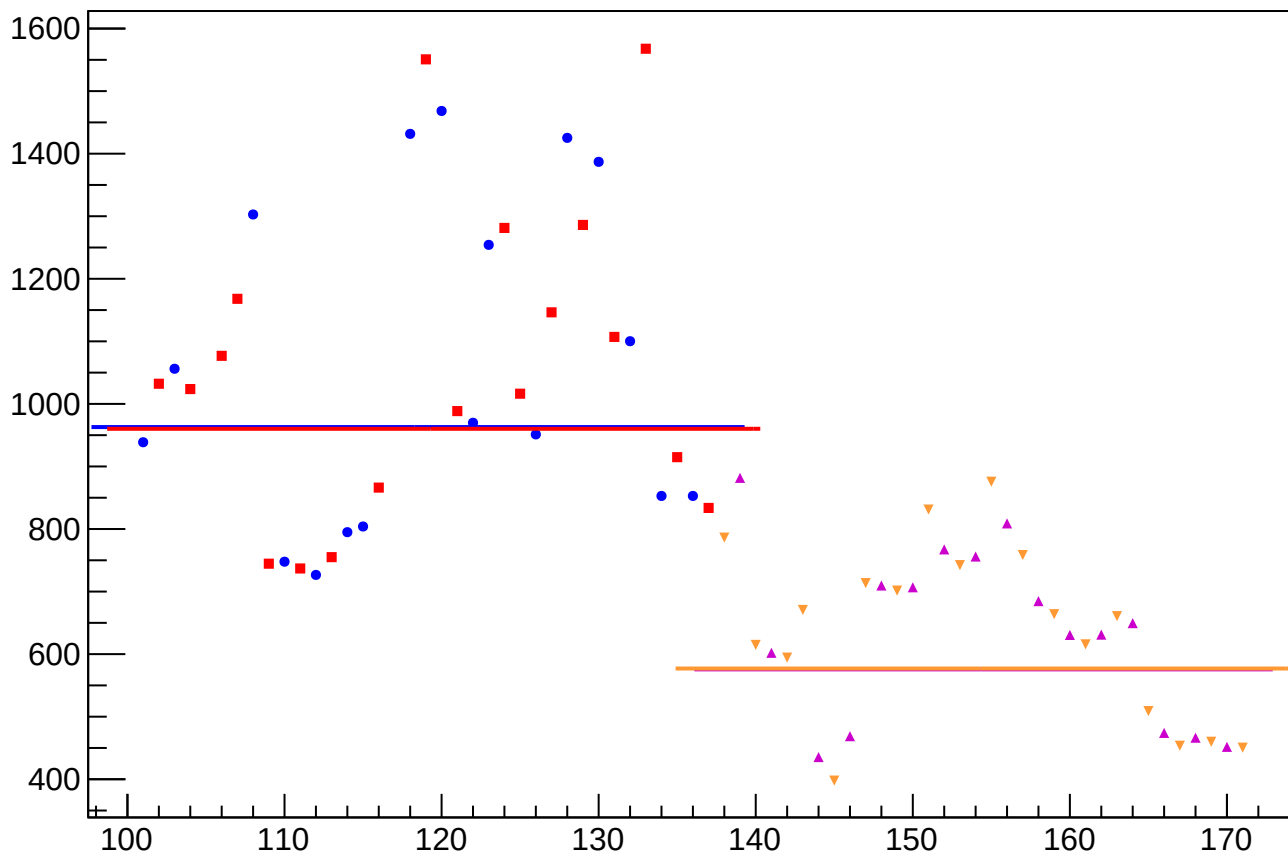
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 249.713 $\pm$ 153.170 χ^2 /NDF: 38.3/32

Out: 603.615 $\pm$ 148.034 χ^2 /NDF: 76.5/35

All: 432.698 $\pm$ 106.445 χ^2 /NDF: 117.6/68

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 577.006 $\pm$ 0.114 χ^2 /NDF: 1470954.6/17

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 575.637 $\pm$ 0.118 χ^2 /NDF: 1231631.9/15

Left: 576.345 $\pm$ 0.082 χ^2 /NDF: 2702656.0/33

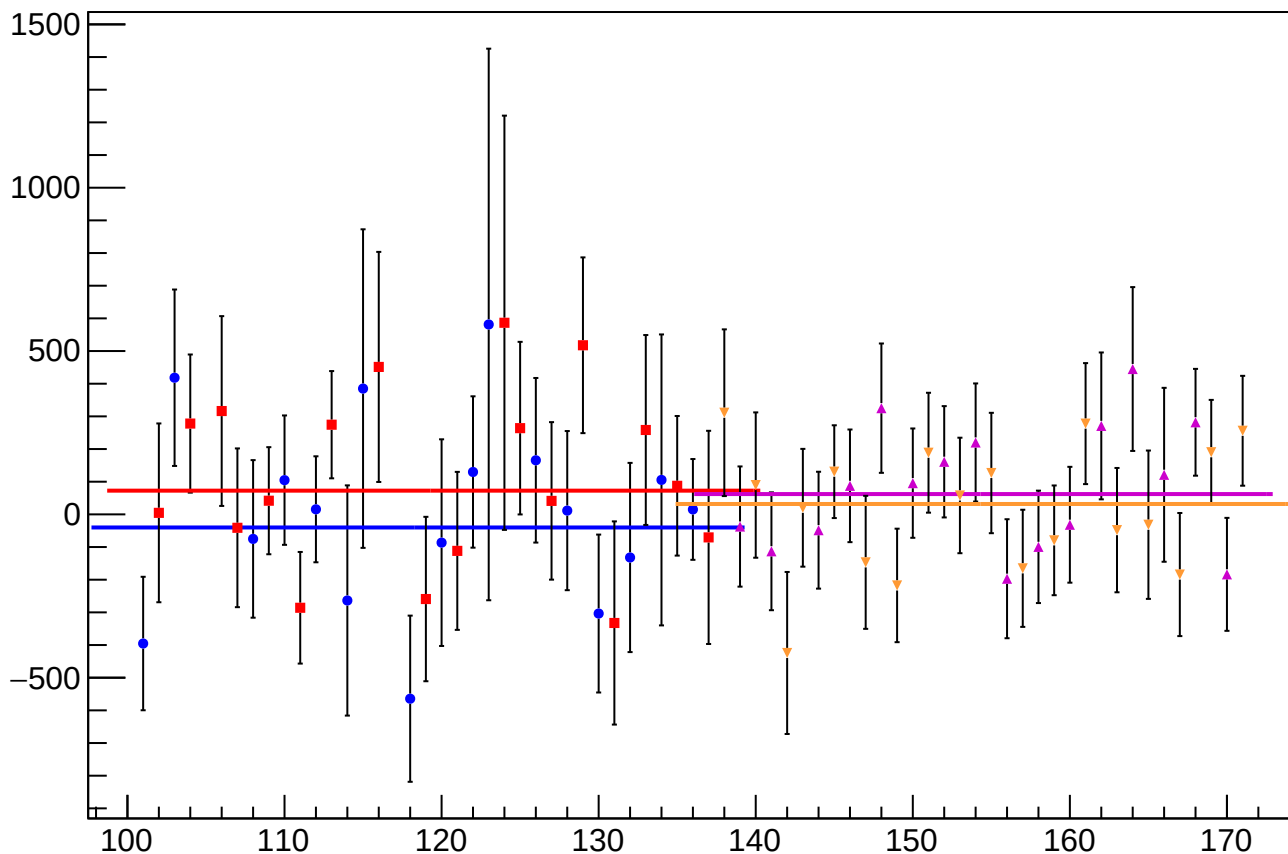
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 637.373 $\pm$ 0.108 χ^2 /NDF: 3612718.4/32

Out: 637.553 $\pm$ 0.105 χ^2 /NDF: 3924995.3/35

All: 637.466 $\pm$ 0.075 χ^2 /NDF: 7537715.1/68

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 $\pm$ 59.256 χ^2/NDF : 15.3/16

Left Out: 31.771 $\pm$ 43.611 χ^2/NDF :16.7/17

Right Out: 72.607 $\pm$ 56.313 χ^2/NDF : 17.6/17

Left In: 62.161 $\pm$ 46.234 χ^2/NDF :14.8/15

Left: 46.079 $\pm$ 31.724 χ^2/NDF : 31.7/33

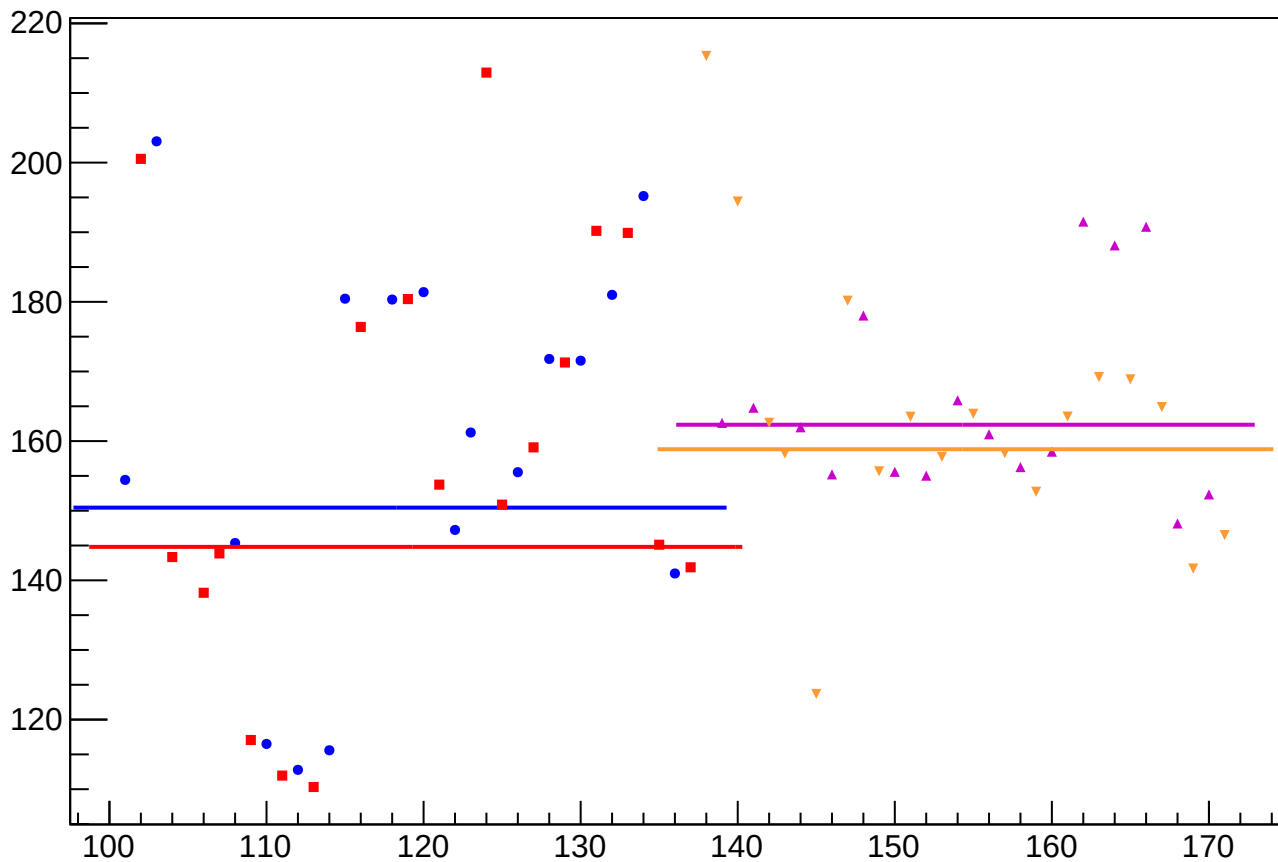
Right: 19.111 $\pm$ 40.820 χ^2/NDF : 34.8/34

In: 23.456 $\pm$ 36.451 χ^2/NDF :32.0/32

Out: 47.080 $\pm$ 34.480 χ^2/NDF :34.6/35

All: 35.924 $\pm$ 25.049 χ^2/NDF : 66.8/68

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 158.832 $\pm$ 0.031 χ^2/NDF : 347196.3/17

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 162.349 $\pm$ 0.033 χ^2/NDF : 126980.2/15

Left: 160.488 $\pm$ 0.022 χ^2/NDF : 480299.5/33

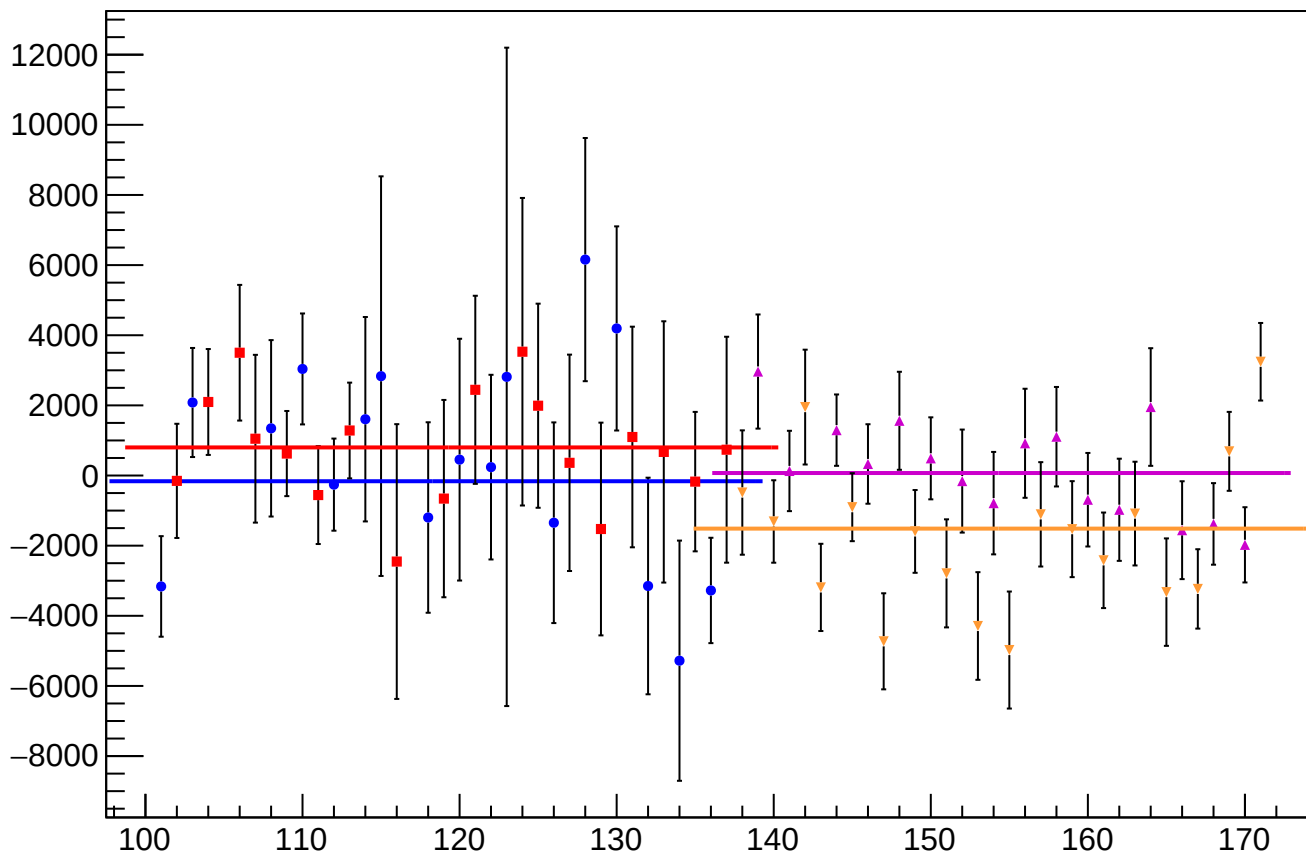
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 157.843 $\pm$ 0.026 χ^2/NDF : 577300.6/32

Out: 153.574 $\pm$ 0.024 χ^2/NDF : 928609.1/35

All: 155.590 $\pm$ 0.018 χ^2/NDF : 1520386.3/68

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1513.930 $\pm$ 310.431 χ^2 /NDF:47.5/17

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 71.347 $\pm$ 324.757 χ^2 /NDF:15.8/15

Left: -757.030 $\pm$ 224.402 χ^2 /NDF: 75.7/33

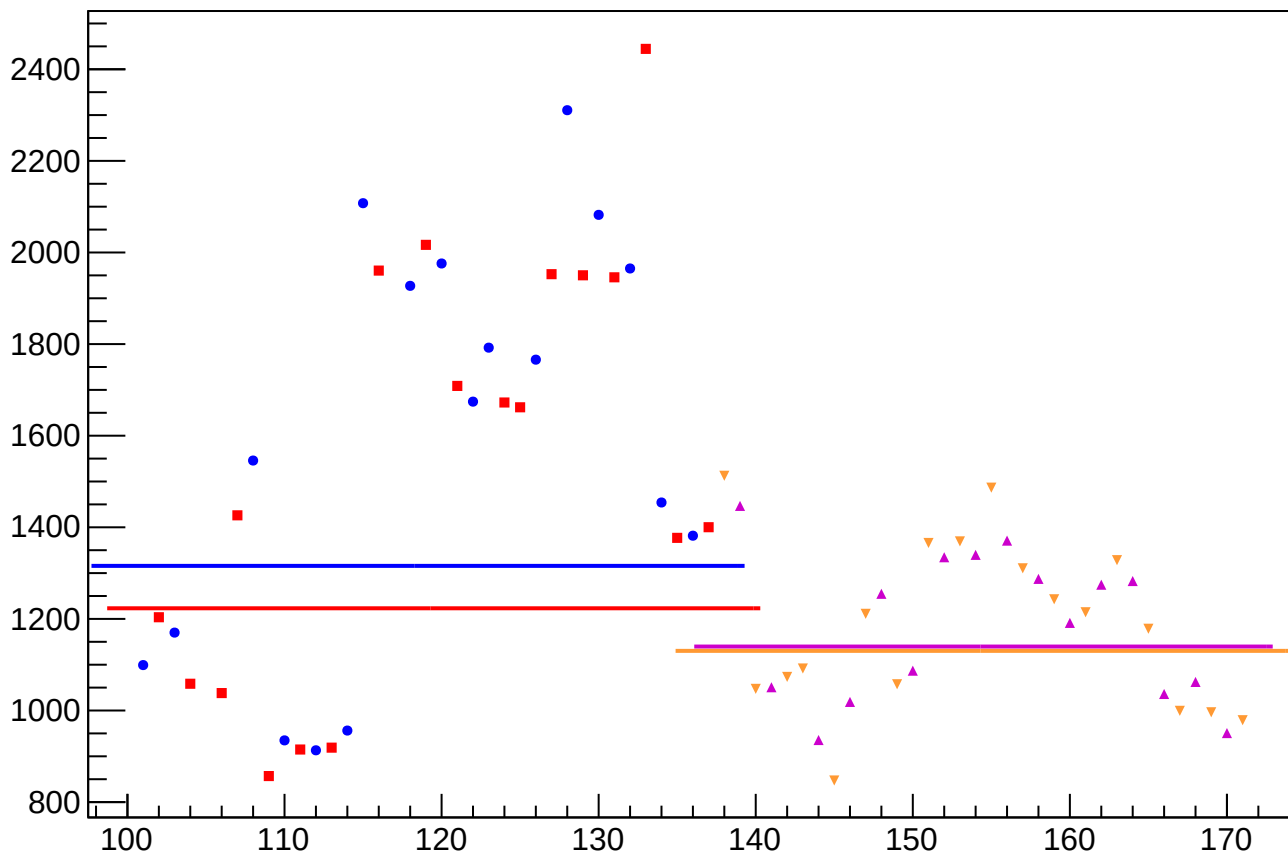
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 7.981 $\pm$ 277.356 χ^2 /NDF:41.0/32

Out: -844.285 $\pm$ 261.711 χ^2 /NDF:70.4/35

All: -442.866 $\pm$ 190.348 χ^2 /NDF: 116.4/68

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1130.230 $\pm$ 0.220 χ^2 /NDF: 659878.3/17

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1139.632 $\pm$ 0.230 χ^2 /NDF: 459490.8/15

Left: 1134.719 $\pm$ 0.159 χ^2 /NDF: 1120245.1/33

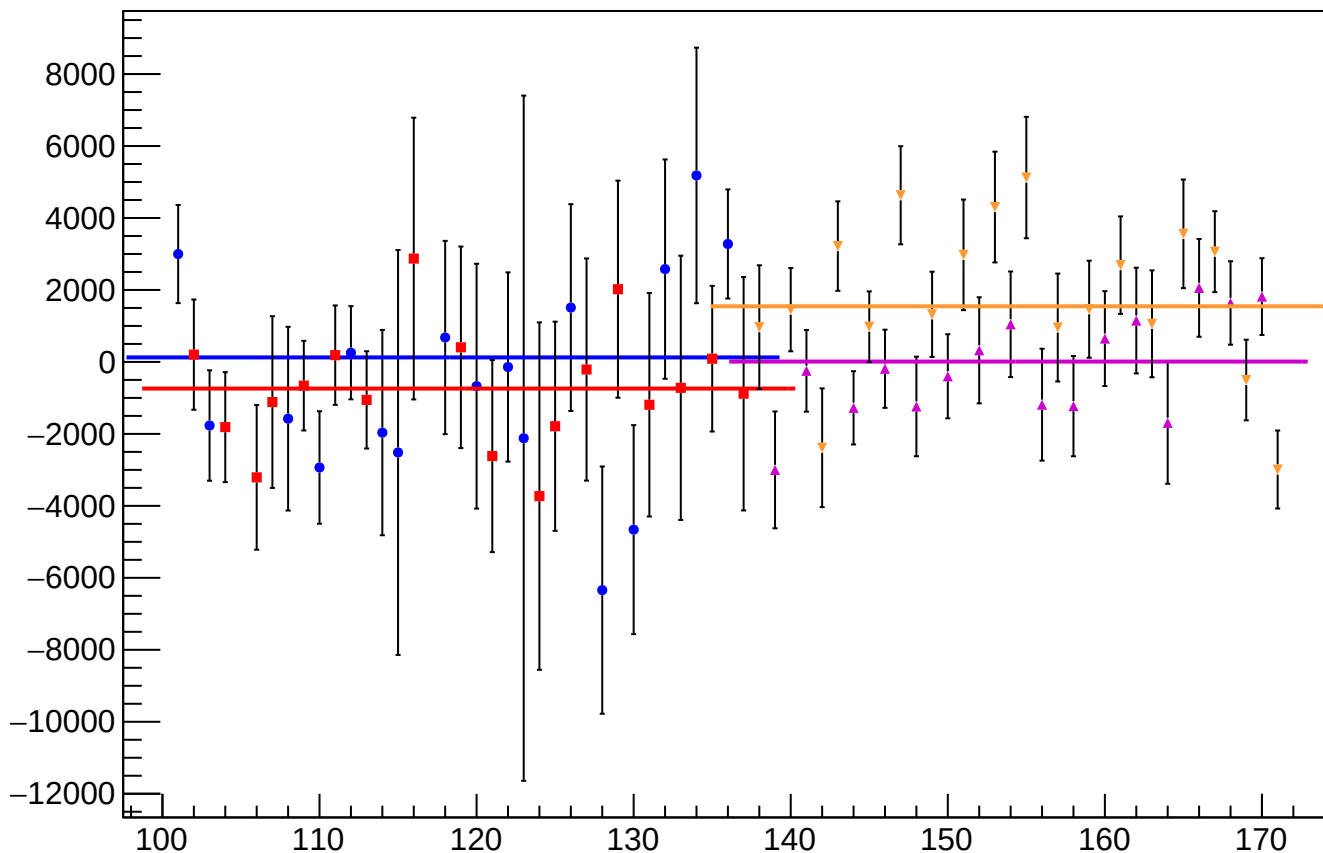
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1187.302 $\pm$ 0.196 χ^2 /NDF: 1737073.2/32

Out: 1157.116 $\pm$ 0.185 χ^2 /NDF: 2074797.6/35

All: 1171.333 $\pm$ 0.135 χ^2 /NDF: 3824402.5/68

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1545.894 $\pm$ 309.304 χ^2 /NDF: 47.1/17

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: 9.505 $\pm$ 322.283 χ^2 /NDF: 16.9/15

Left: 809.258 $\pm$ 223.159 χ^2 /NDF: 75.9/33

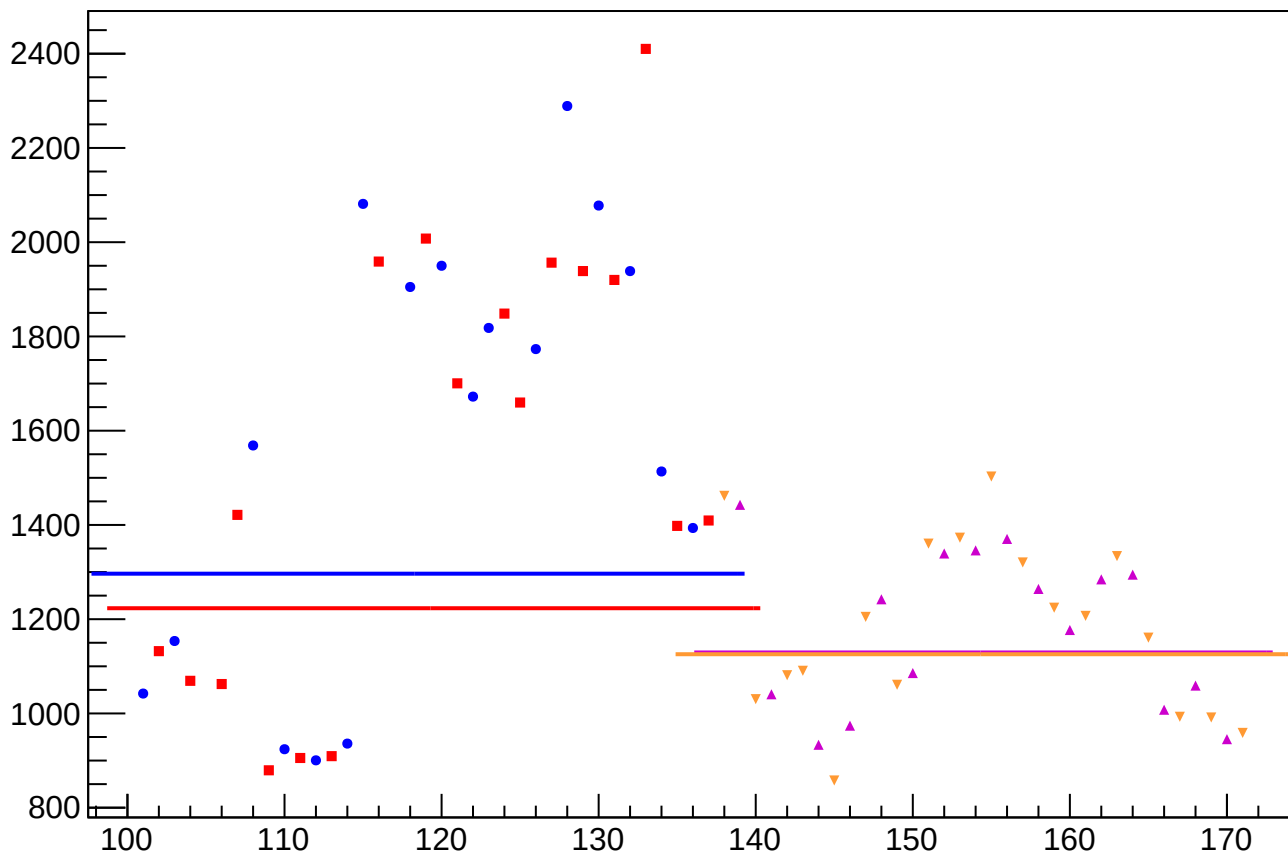
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: 41.061 $\pm$ 274.917 χ^2 /NDF: 41.6/32

Out: 888.493 $\pm$ 261.065 χ^2 /NDF: 68.8/35

All: 486.663 $\pm$ 189.309 χ^2 /NDF: 115.4/68

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1125.666 $\pm$ 0.219 χ^2 /NDF: 648777.8/17

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1129.399 $\pm$ 0.228 χ^2 /NDF: 495450.5/15

Left: 1127.456 $\pm$ 0.158 χ^2 /NDF: 1144367.9/33

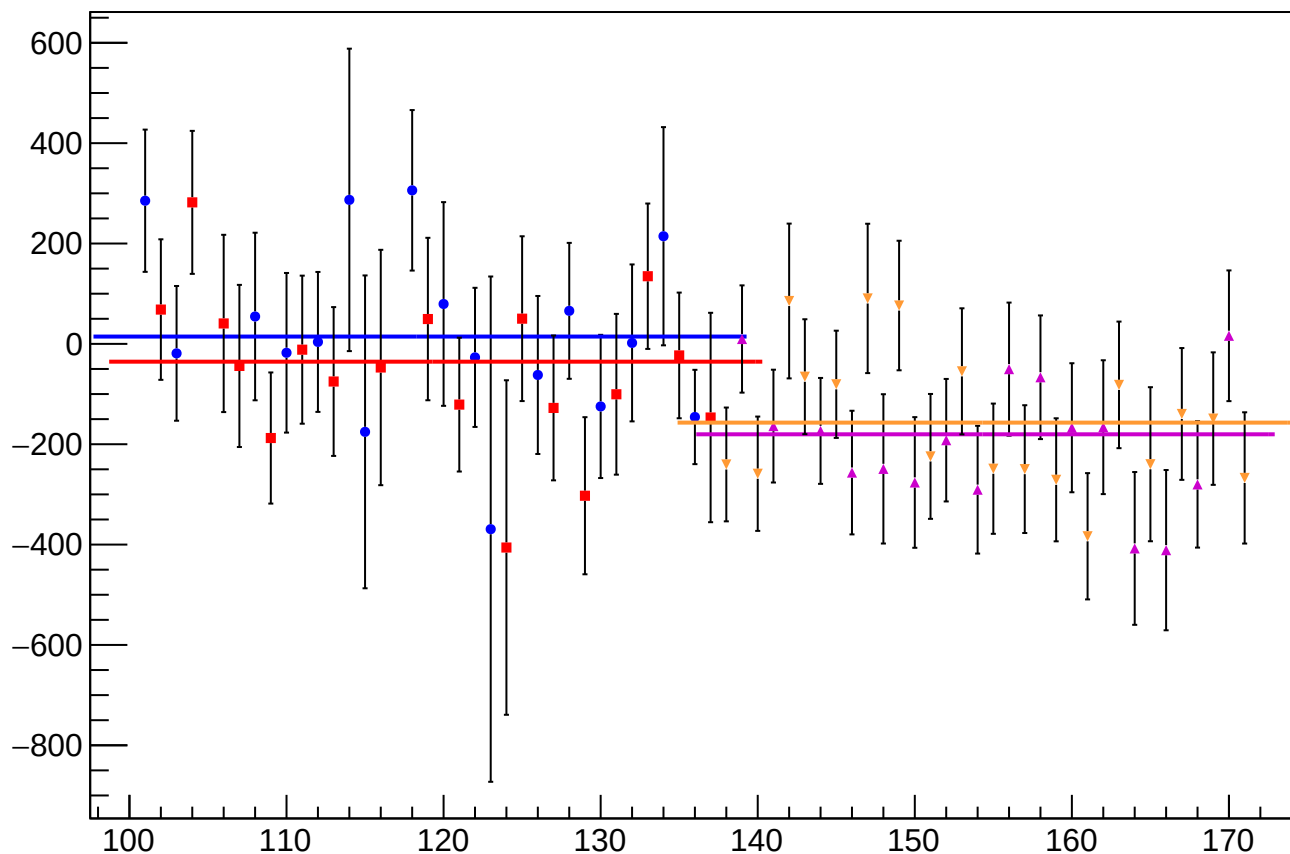
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1174.927 $\pm$ 0.194 χ^2 /NDF: 1817472.8/32

Out: 1153.738 $\pm$ 0.185 χ^2 /NDF: 2052748.3/35

All: 1163.785 $\pm$ 0.134 χ^2 /NDF: 3876468.4/68

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -156.930 ± 29.833 $\chi^2/\text{NDF}: 18.5/17$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -180.209 ± 31.638 $\chi^2/\text{NDF}: 14.1/15$

Left: -167.887 ± 21.705 $\chi^2/\text{NDF}: 32.9/33$

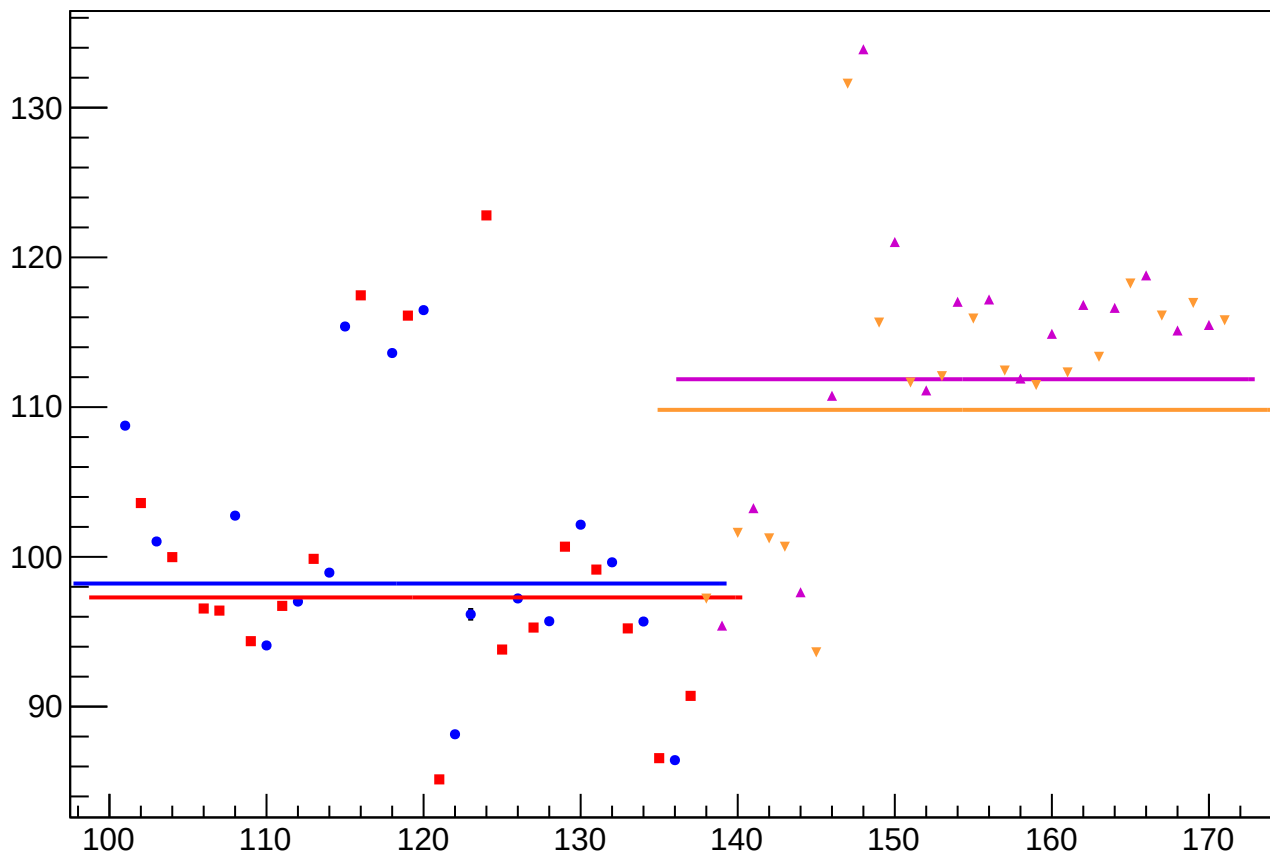
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -100.505 ± 24.318 $\chi^2/\text{NDF}: 43.8/32$

Out: -108.650 ± 23.156 $\chi^2/\text{NDF}: 39.6/35$

All: -104.777 ± 16.770 $\chi^2/\text{NDF}: 83.5/68$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 109.818+/-0.021 χ^2/NDF : 176651.0/17

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 111.862+/-0.022 χ^2/NDF : 168518.3/15

Left: 110.780+/-0.015 χ^2/NDF : 349589.8/33

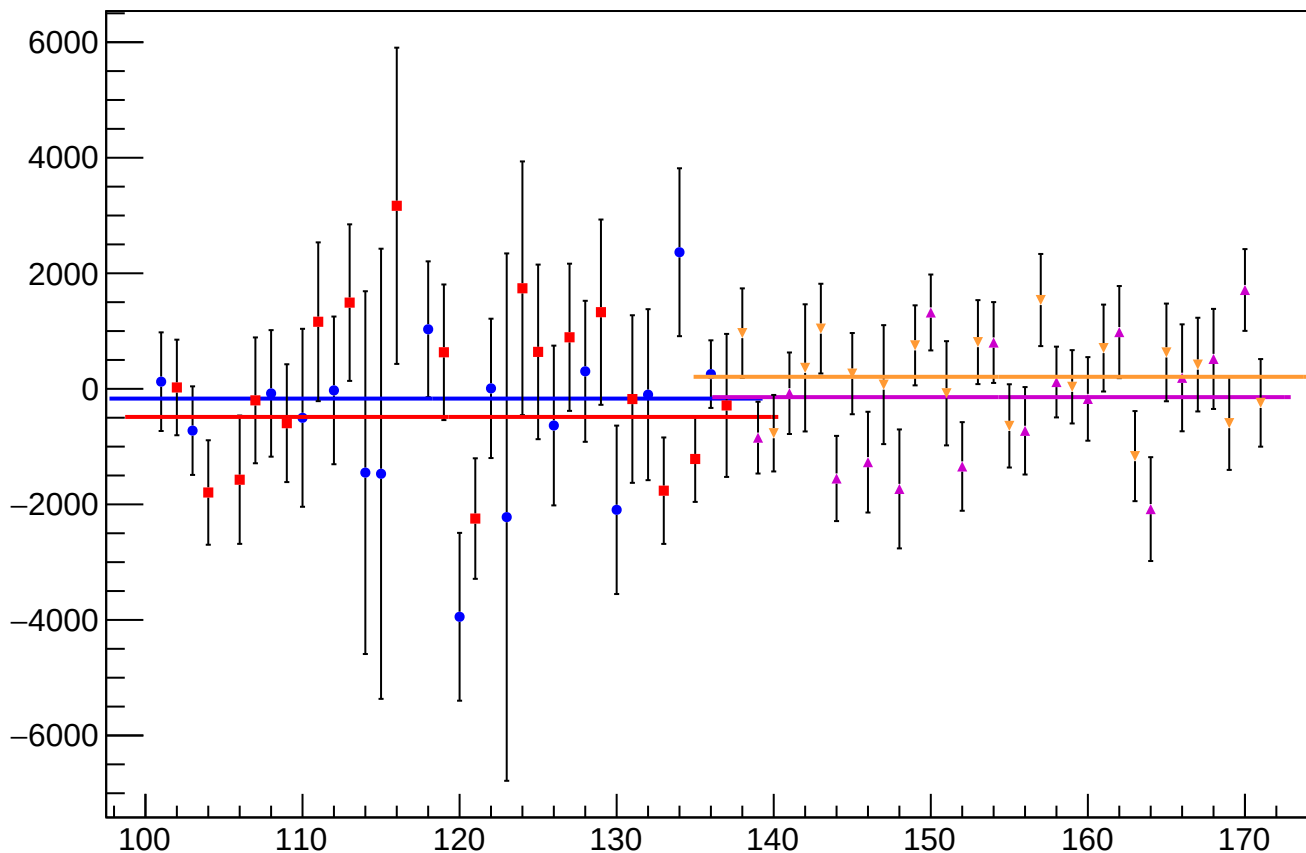
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 106.280+/-0.017 χ^2/NDF : 421210.9/32

Out: 104.838+/-0.016 χ^2/NDF : 413056.5/35

All: 105.524+/-0.012 χ^2/NDF : 837953.3/68

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2/NDF : 14.6/16

Left Out: 208.250 $\pm$ 182.013 χ^2/NDF : 15.2/17

Right Out: -486.312 $\pm$ 268.010 χ^2/NDF : 19.6/17

Left In: -143.444 $\pm$ 187.685 χ^2/NDF : 33.2/15

Left: 37.797 $\pm$ 130.662 χ^2/NDF : 50.2/33

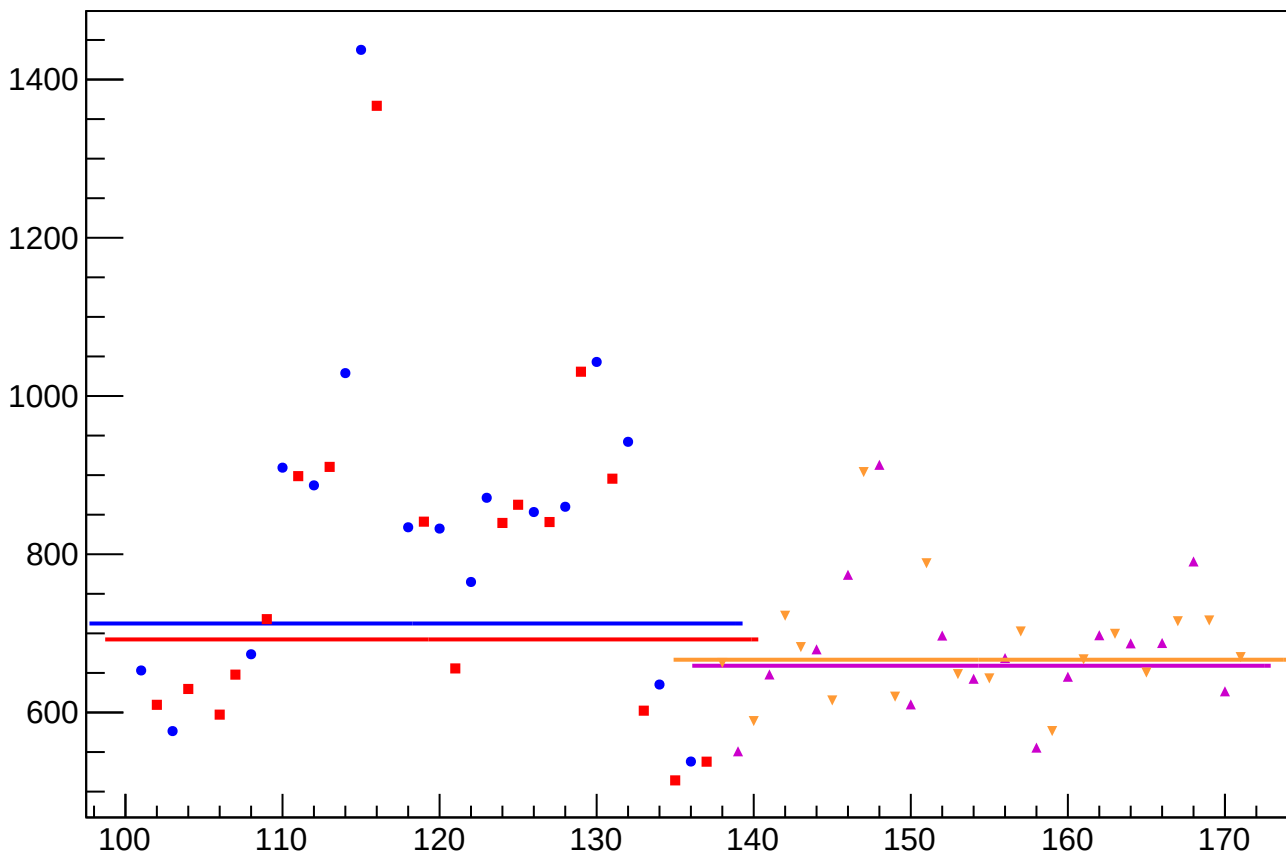
Right: -335.728 $\pm$ 194.327 χ^2/NDF : 34.9/34

In: -151.222 $\pm$ 156.274 χ^2/NDF : 47.8/32

Out: -10.981 $\pm$ 150.573 χ^2/NDF : 39.4/35

All: -78.497 $\pm$ 108.430 χ^2/NDF : 87.6/68

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 666.698 $\pm$ 0.129 χ^2 /NDF: 262706.8/17

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 659.079 $\pm$ 0.133 χ^2 /NDF: 353483.7/15

Left: 663.005 $\pm$ 0.092 χ^2 /NDF: 617889.0/33

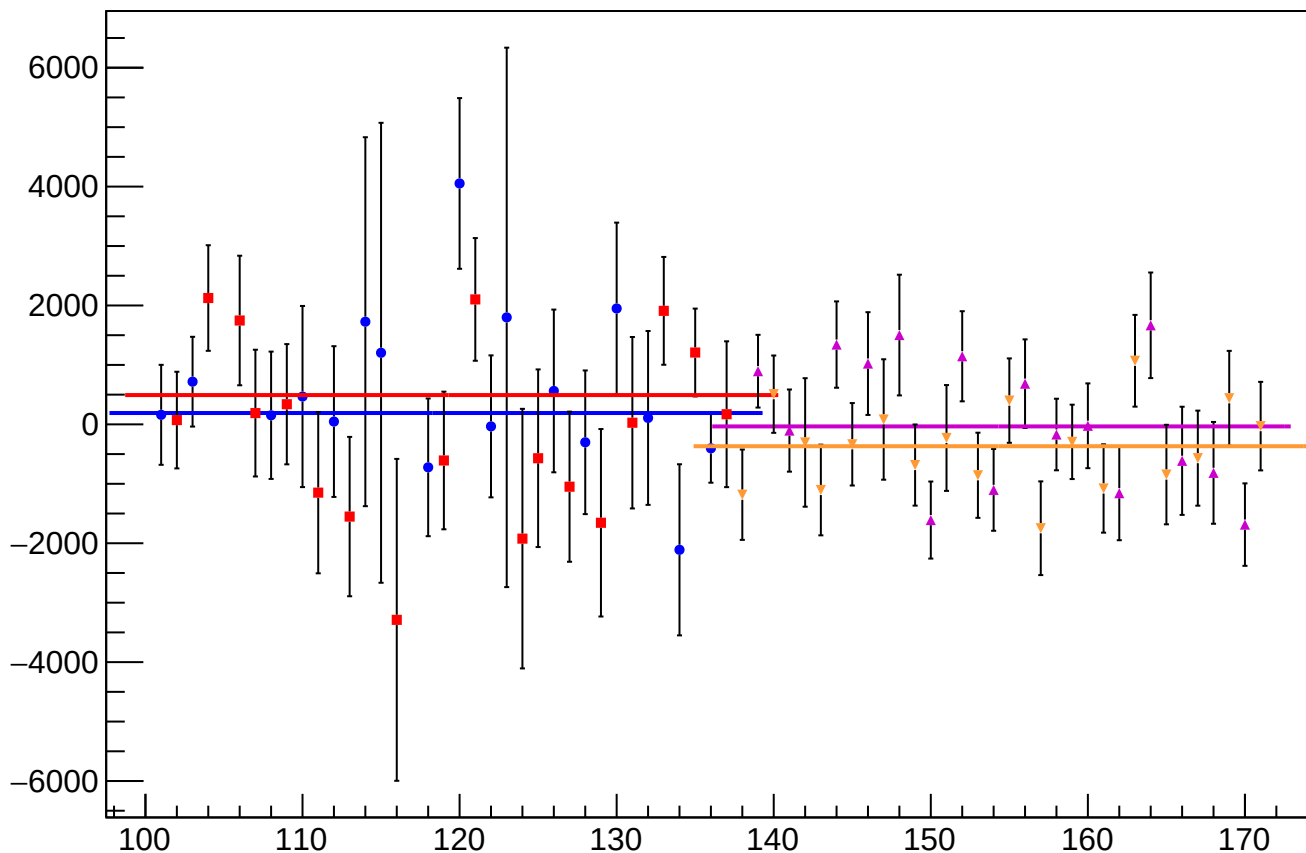
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 675.456 $\pm$ 0.111 χ^2 /NDF: 1063656.2/32

Out: 674.792 $\pm$ 0.106 χ^2 /NDF: 932191.3/35

All: 675.112 $\pm$ 0.077 χ^2 /NDF: 1995866.2/68

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -367.894 $\pm$ 179.360 χ^2/NDF :15.1/17

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -34.506 $\pm$ 184.916 χ^2/NDF :34.0/15

Left: -206.283 $\pm$ 128.746 χ^2/NDF : 50.7/33

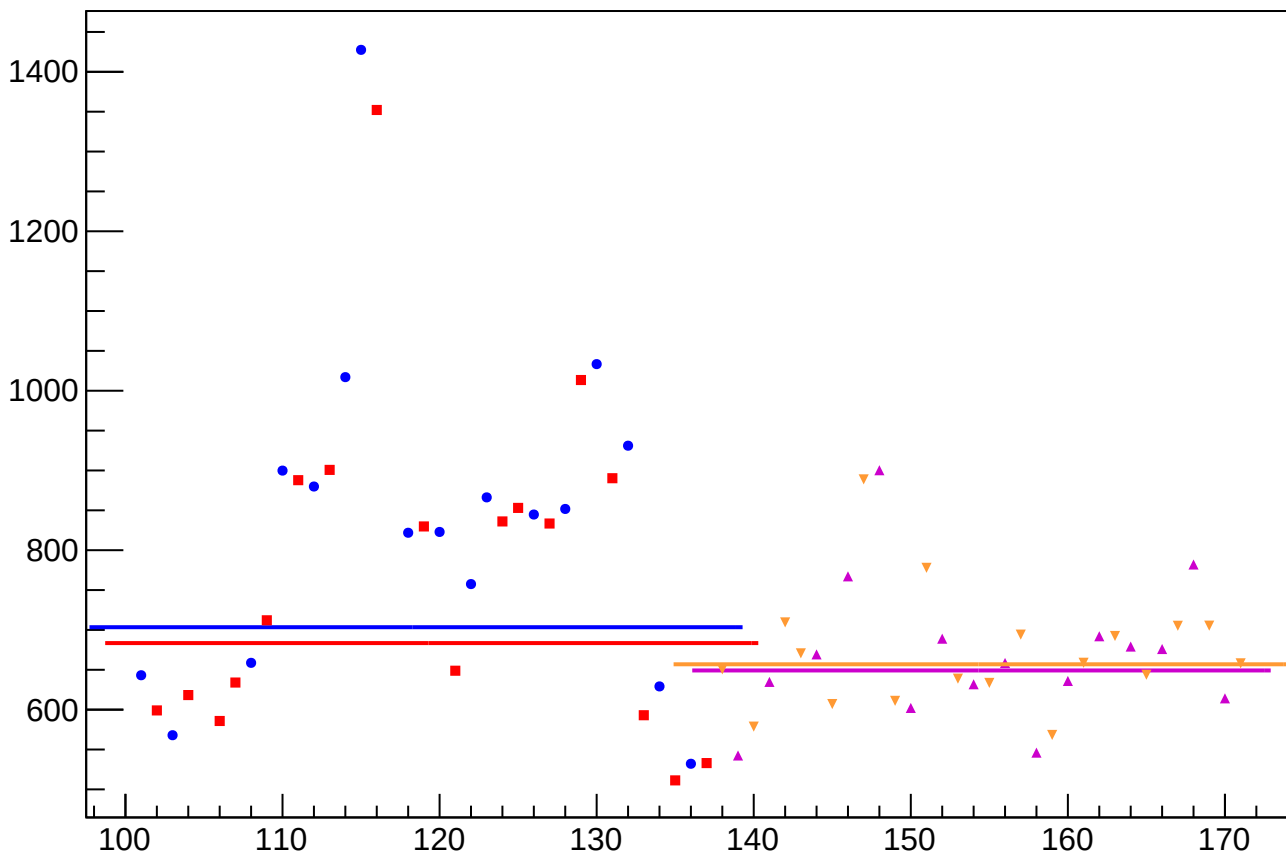
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 34.397 $\pm$ 154.079 χ^2/NDF :48.7/32

Out: -96.971 $\pm$ 148.471 χ^2/NDF :45.1/35

All: -33.722 $\pm$ 106.912 χ^2/NDF : 94.1/68

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 656.891 $\pm$ 0.127 χ^2/NDF : 262991.7/17

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 649.162 $\pm$ 0.131 χ^2/NDF : 362927.5/15

Left: 653.144 $\pm$ 0.091 χ^2/NDF : 627719.5/33

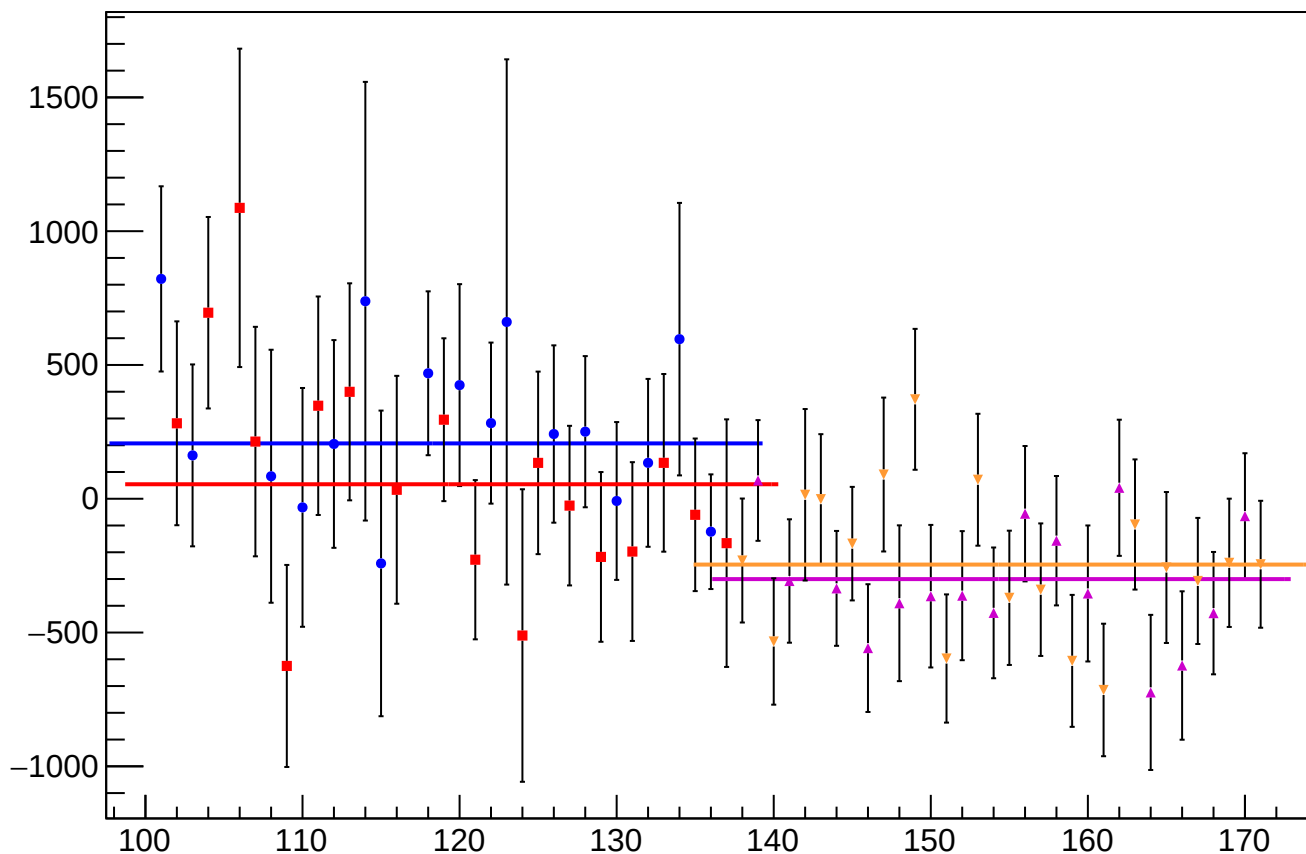
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 665.745 $\pm$ 0.109 χ^2/NDF : 1082426.6/32

Out: 665.265 $\pm$ 0.105 χ^2/NDF : 936196.3/35

All: 665.496 $\pm$ 0.076 χ^2/NDF : 2018633.0/68

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: -246.013 $\pm$ 58.375 χ^2 /NDF:20.5/17

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -300.319 $\pm$ 61.628 χ^2 /NDF:12.3/15

Left: -271.695 $\pm$ 42.381 χ^2 /NDF: 33.2/33

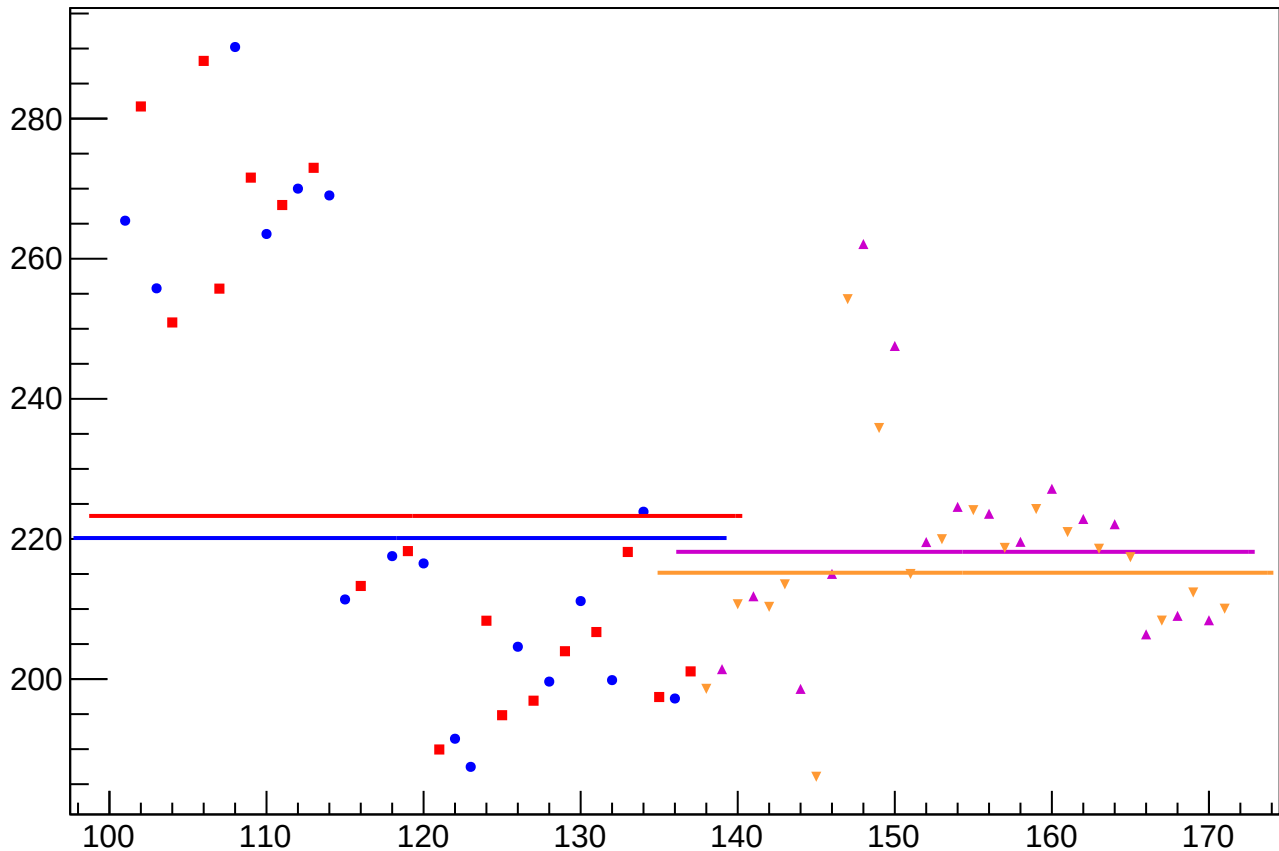
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -127.257 $\pm$ 50.020 χ^2 /NDF:44.9/32

Out: -150.098 $\pm$ 48.155 χ^2 /NDF:44.6/35

All: -139.112 $\pm$ 34.691 χ^2 /NDF: 89.6/68

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.180+/-0.041 χ^2/NDF : 109294.8/17

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 218.164+/-0.044 χ^2/NDF : 115609.8/15

Left: 216.591+/-0.030 χ^2/NDF : 227376.0/33

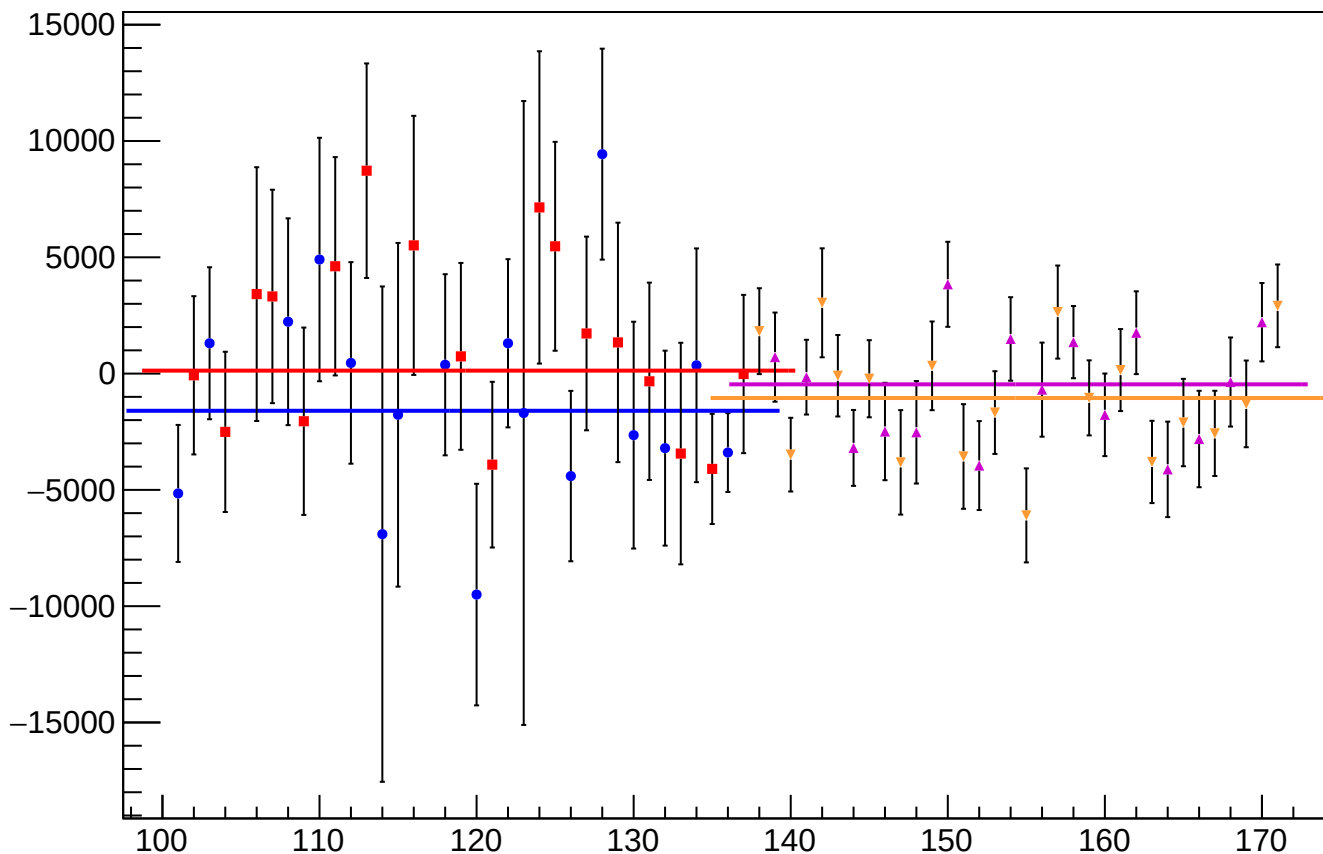
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 218.836+/-0.035 χ^2/NDF : 344750.3/32

Out: 217.770+/-0.034 χ^2/NDF : 393876.6/35

All: 218.283+/-0.025 χ^2/NDF : 739097.8/68

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045+/-921.042 χ^2/NDF : 16.6/16

Left Out: -1050.368+/-436.182 χ^2/NDF : 30.3/17

Right Out: 127.760+/-949.094 χ^2/NDF : 14.8/17

Left In: -462.300+/-459.352 χ^2/NDF : 25.5/15

Left: -771.539+/-316.301 χ^2/NDF : 56.7/33

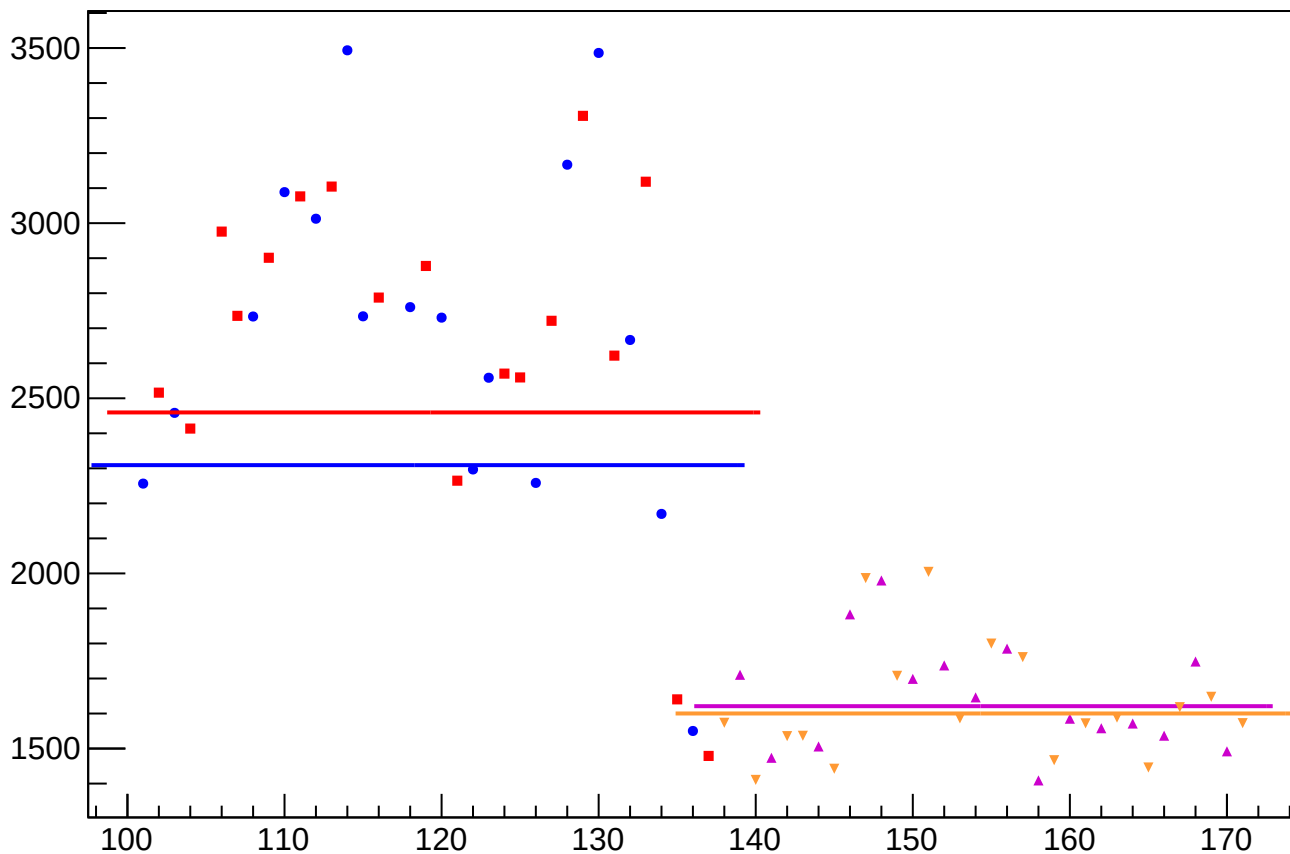
Right: -761.539+/-660.970 χ^2/NDF : 33.2/34

In: -688.725+/-411.065 χ^2/NDF : 43.4/32

Out: -844.926+/-396.330 χ^2/NDF : 46.4/35

All: -769.675+/-285.315 χ^2/NDF : 89.9/68

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1600.140 $\pm$ 0.308 χ^2 /NDF:243798.5/17

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1620.981 $\pm$ 0.325 χ^2 /NDF:205833.5/15

Left: 1610.022 $\pm$ 0.224 χ^2 /NDF: 451796.9/33

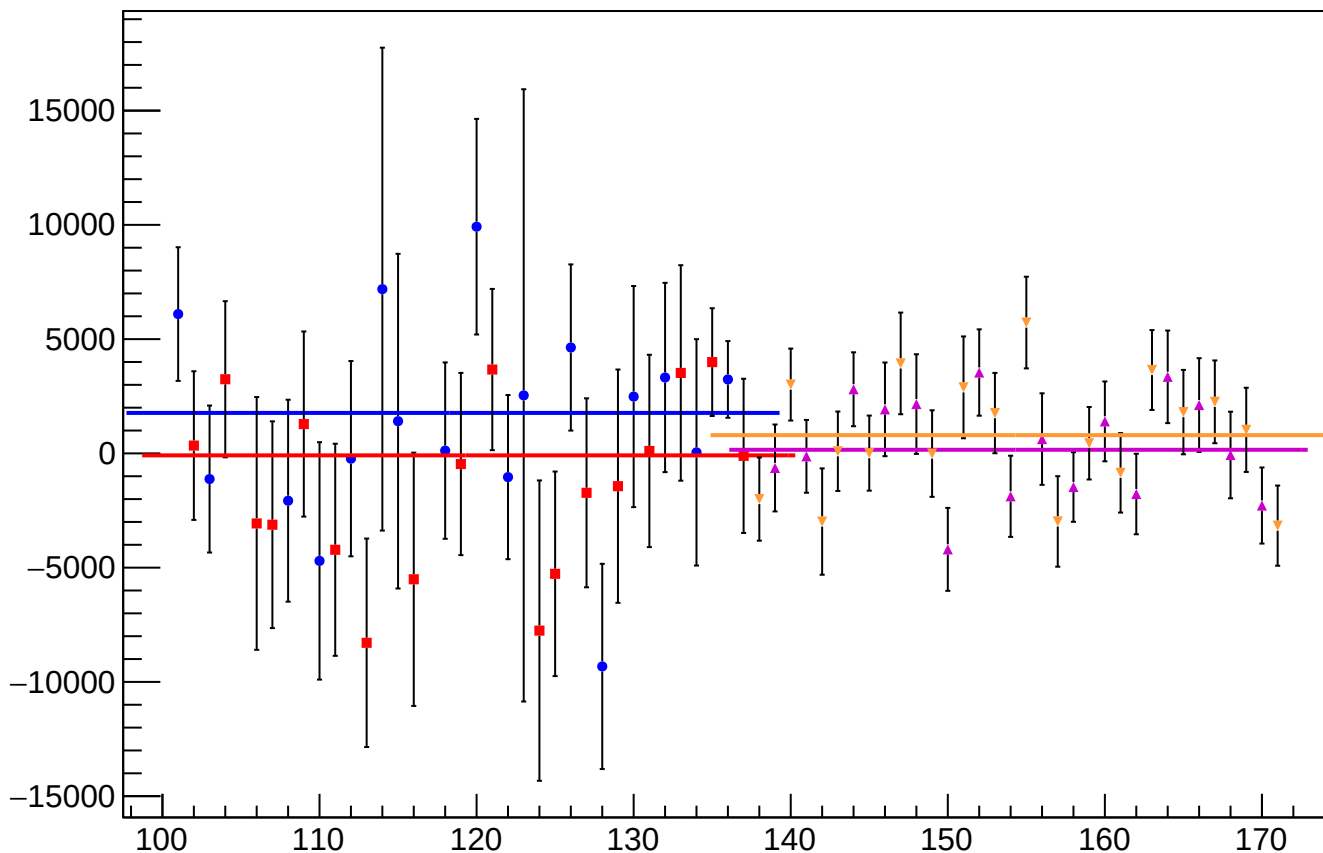
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1758.052 $\pm$ 0.291 χ^2 /NDF:1900626.4/32

Out: 1750.013 $\pm$ 0.280 χ^2 /NDF:2266065.0/35

All: 1753.886 $\pm$ 0.202 χ^2 /NDF: 4167087.8/68

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 798.215+/-431.420 χ^2/NDF : 30.1/17

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 157.715+/-453.929 χ^2/NDF : 23.2/15

Left: 494.239+/-312.715 χ^2/NDF : 54.3/33

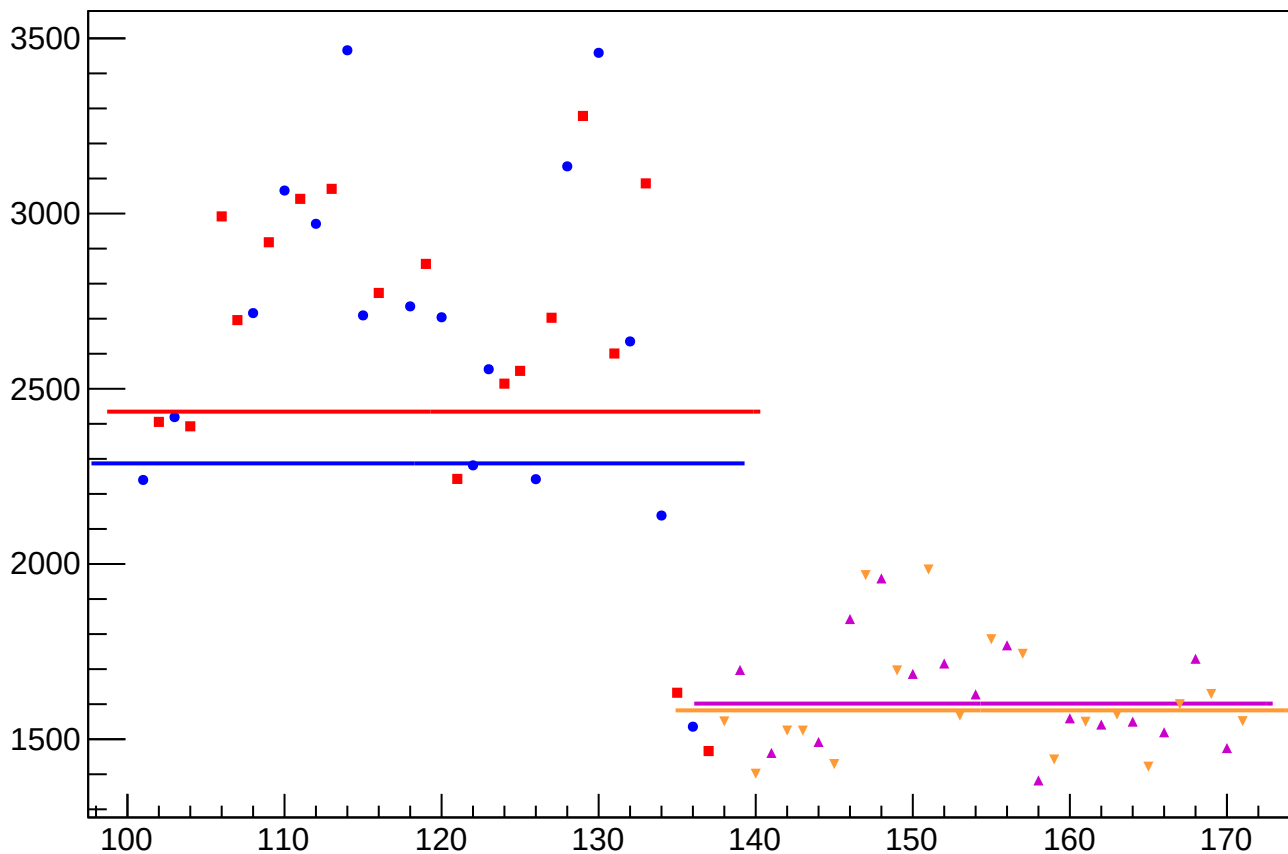
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 477.900+/-406.404 χ^2/NDF : 43.1/32

Out: 644.315+/-392.085 χ^2/NDF : 45.3/35

All: 564.091+/-282.172 χ^2/NDF : 88.4/68

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1582.348+/-0.305 χ^2/NDF : 247849.0/17

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1601.656+/-0.321 χ^2/NDF : 207303.4/15

Left: 1591.511+/-0.221 χ^2/NDF : 457053.7/33

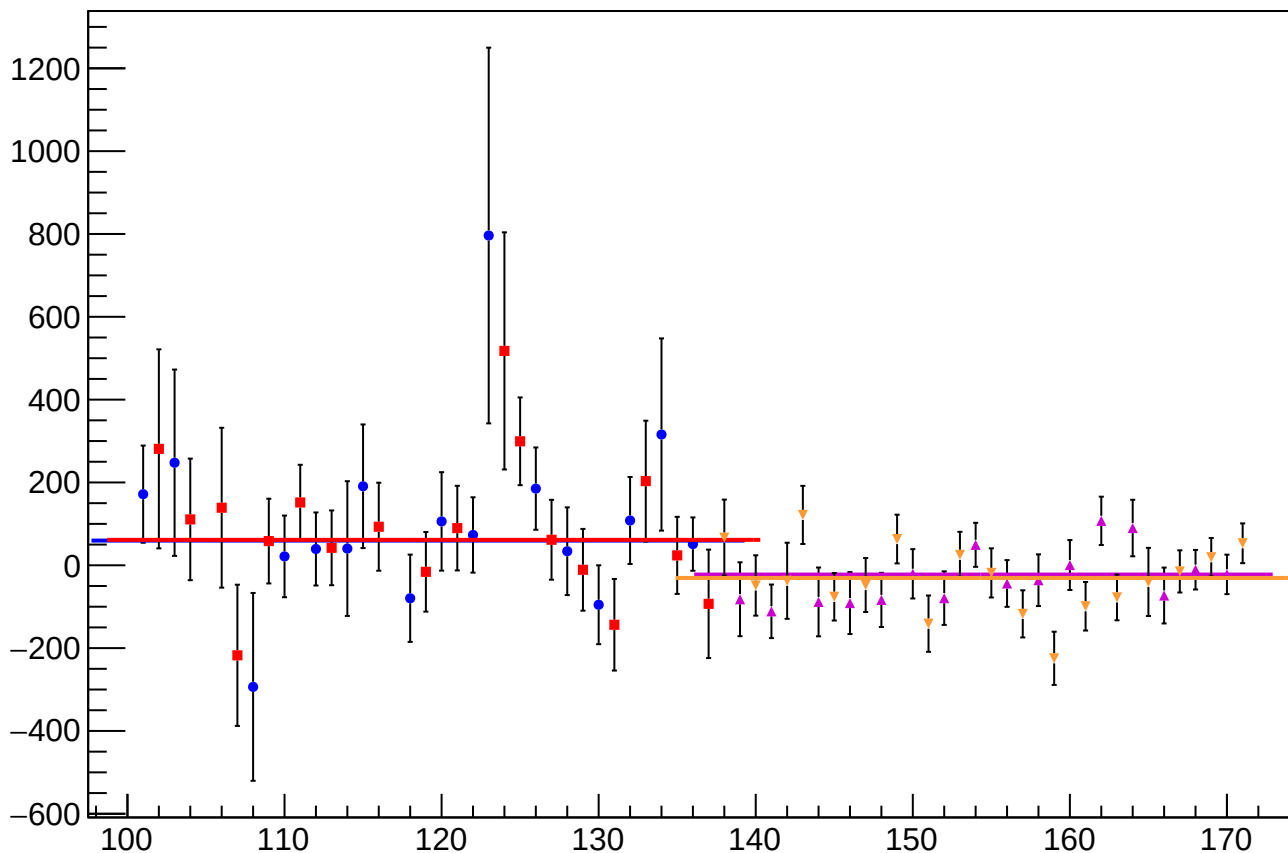
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1737.671+/-0.287 χ^2/NDF : 1911629.7/32

Out: 1730.704+/-0.277 χ^2/NDF : 2273717.5/35

All: 1734.063+/-0.200 χ^2/NDF : 4185651.7/68

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -30.556 $\pm$ 14.317 χ^2 /NDF:30.7/17

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -22.417 $\pm$ 15.340 χ^2 /NDF:15.9/15

Left: -26.767 $\pm$ 10.467 χ^2 /NDF: 46.7/33

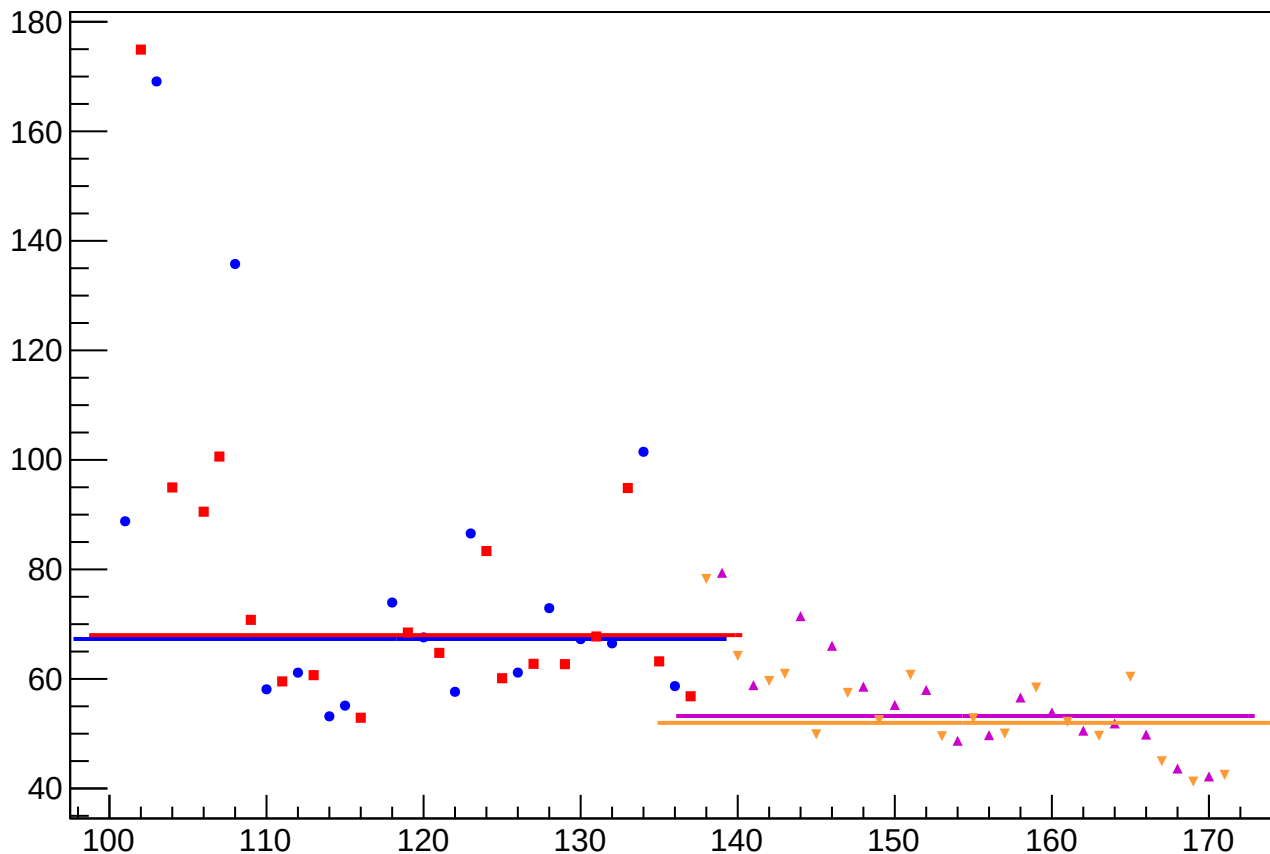
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -2.478 $\pm$ 13.347 χ^2 /NDF:38.2/32

Out: -10.388 $\pm$ 12.650 χ^2 /NDF:59.4/35

All: -6.645 $\pm$ 9.181 χ^2 /NDF: 97.8/68

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2/NDF : 841352.2/16

Left Out: 51.977 $\pm$ 0.010 χ^2/NDF : 590324.2/17

Right Out: 67.998 $\pm$ 0.019 χ^2/NDF : 754329.7/17

Left In: 53.234 $\pm$ 0.011 χ^2/NDF : 594851.9/15

Left: 52.562 $\pm$ 0.007 χ^2/NDF : 1192359.8/33

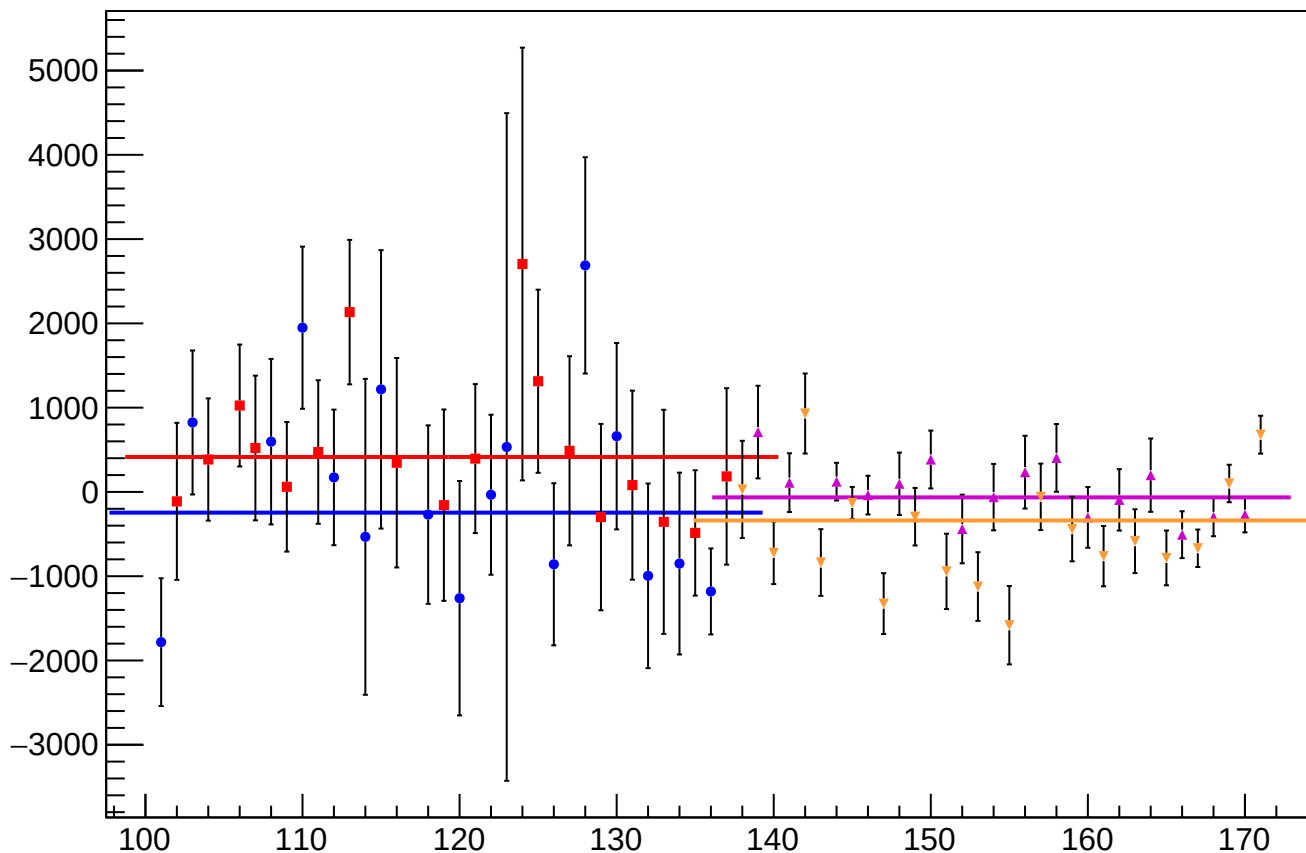
Right: 67.648 $\pm$ 0.014 χ^2/NDF : 1596354.2/34

In: 56.651 $\pm$ 0.009 χ^2/NDF : 1844535.1/32

Out: 55.491 $\pm$ 0.009 χ^2/NDF : 1893988.1/35

All: 56.040 $\pm$ 0.006 χ^2/NDF : 3746481.0/68

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -338.519 $\pm$ 74.853 χ^2 /NDF:62.4/17

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: -64.616 $\pm$ 77.697 χ^2 /NDF:12.9/15

Left: -206.672 $\pm$ 53.906 χ^2 /NDF: 81.7/33

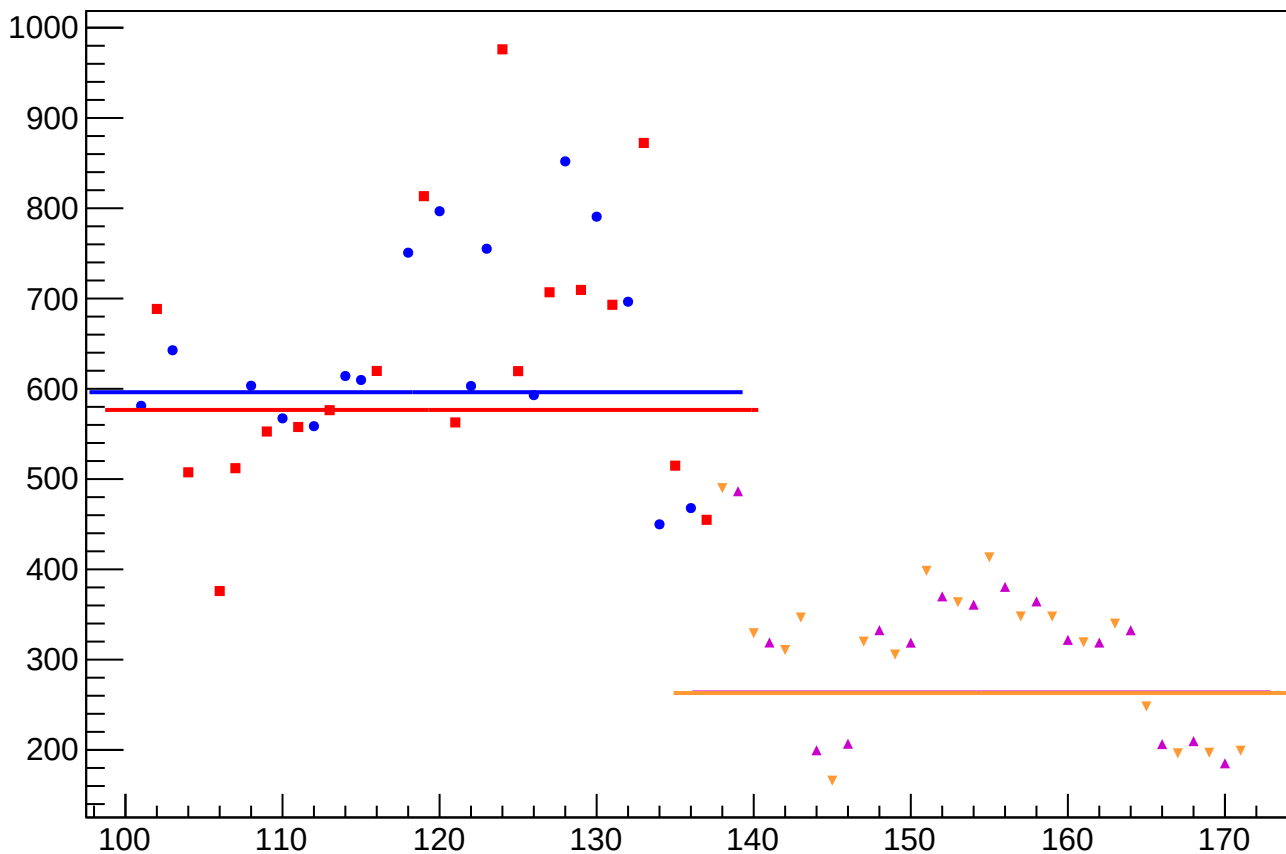
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -82.398 $\pm$ 73.782 χ^2 /NDF:37.2/32

Out: -262.114 $\pm$ 70.955 χ^2 /NDF:82.0/35

All: -175.765 $\pm$ 51.143 χ^2 /NDF: 122.3/68

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 262.994+/-0.053 χ^2/NDF : 2445788.7/17

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 263.647+/-0.055 χ^2/NDF : 1943683.0/15

Left: 263.308+/-0.038 χ^2/NDF : 4389544.8/33

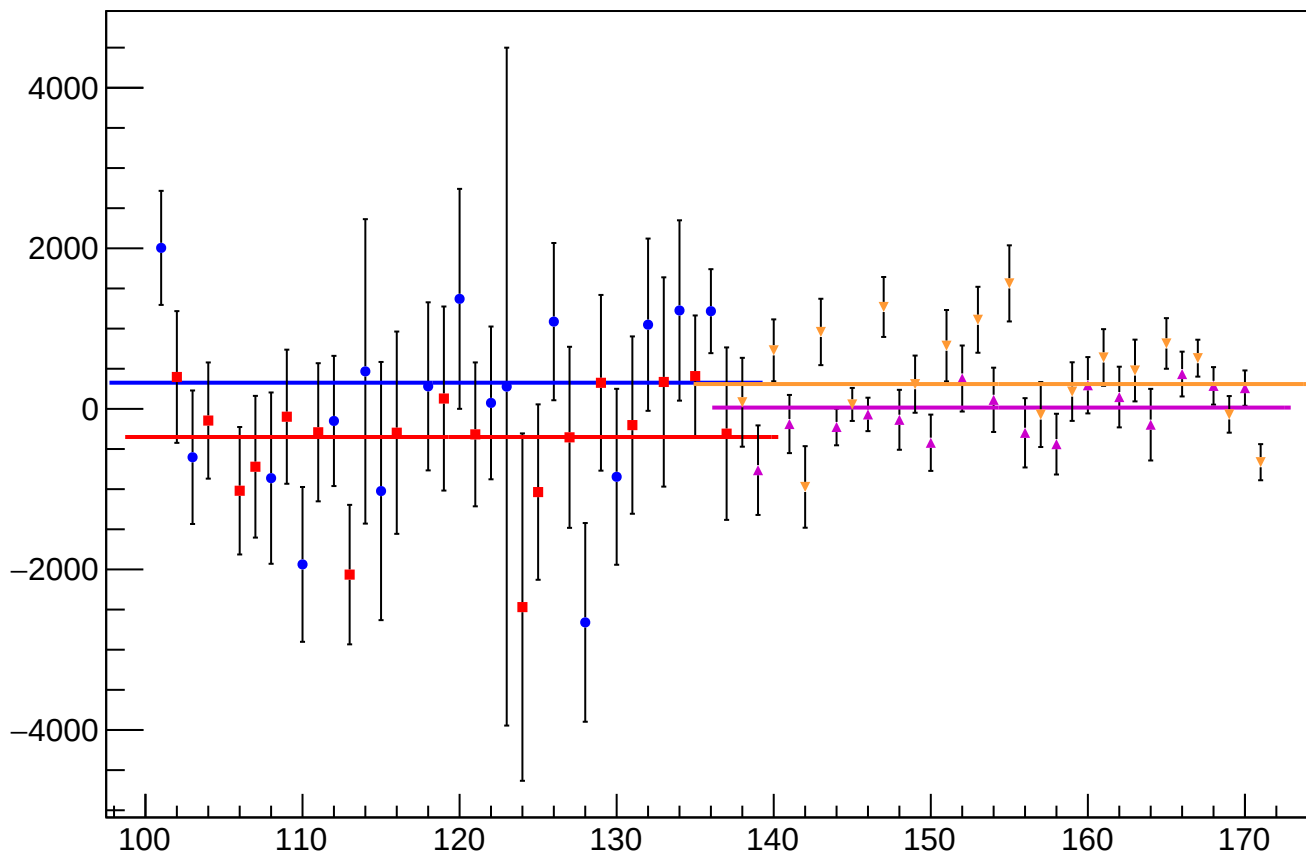
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 296.320+/-0.052 χ^2/NDF : 5966119.0/32

Out: 294.806+/-0.050 χ^2/NDF : 6580705.9/35

All: 295.533+/-0.036 χ^2/NDF : 12547262.5/68

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 309.323 ± 76.655 $\chi^2/\text{NDF}: 58.3/17$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: 16.155 ± 77.896 $\chi^2/\text{NDF}: 13.9/15$

Left: 165.094 ± 54.637 $\chi^2/\text{NDF}: 79.3/33$

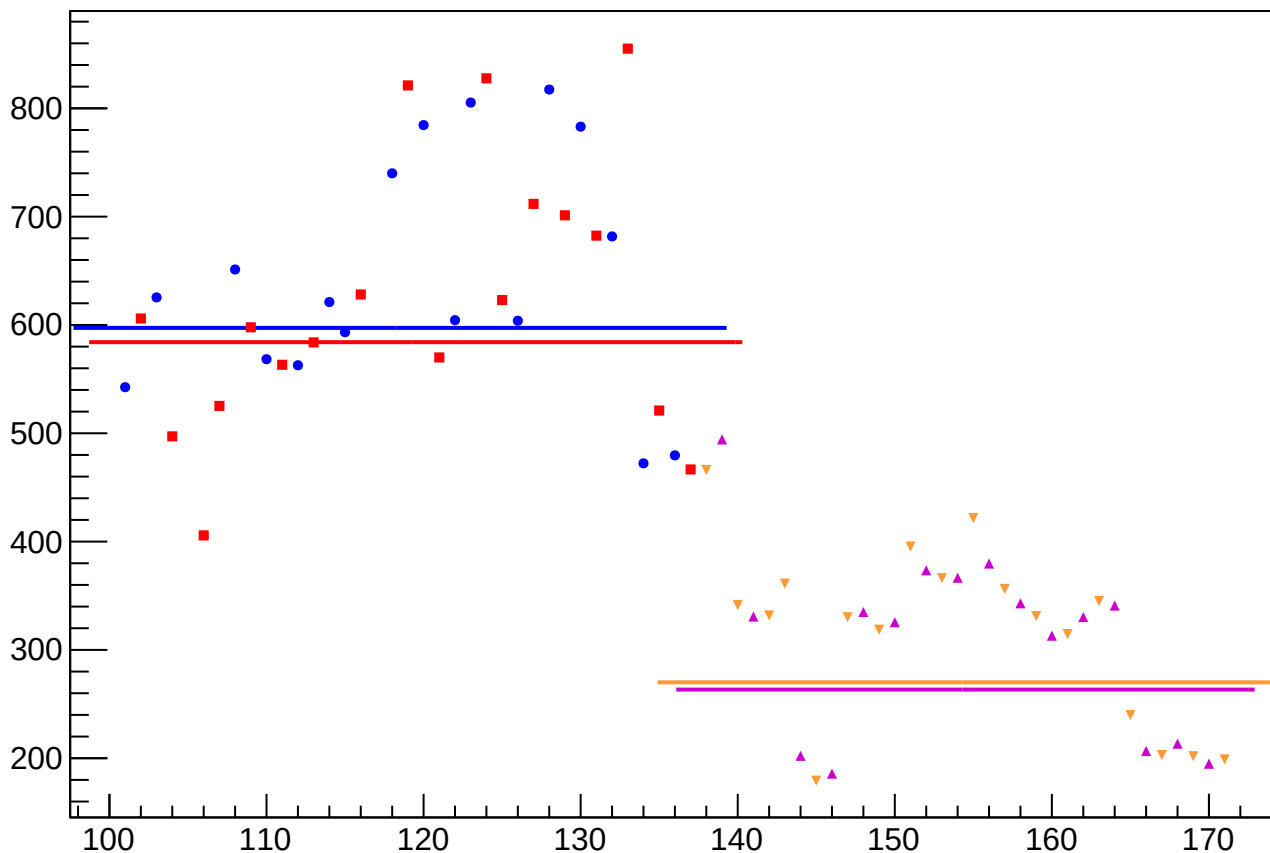
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: 46.696 ± 73.959 $\chi^2/\text{NDF}: 42.3/32$

Out: 240.854 ± 72.568 $\chi^2/\text{NDF}: 75.0/35$

All: 145.618 ± 51.798 $\chi^2/\text{NDF}: 120.8/68$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 270.074 $\pm$ 0.054 χ^2 /NDF:2220135.7/17

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 263.365 $\pm$ 0.055 χ^2 /NDF:2010664.9/15

Left: 266.773 $\pm$ 0.039 χ^2 /NDF: 4238336.0/33

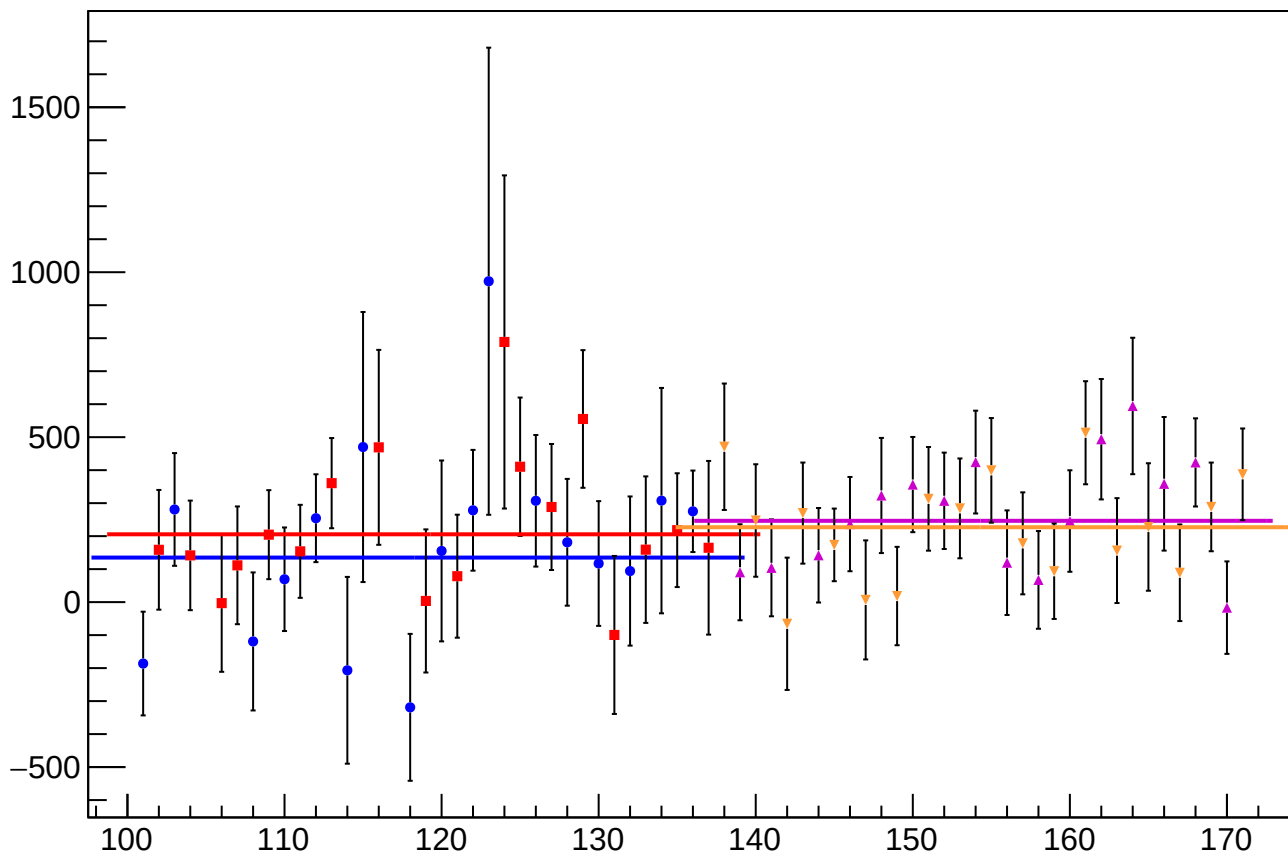
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 296.272 $\pm$ 0.052 χ^2 /NDF:5996288.6/32

Out: 302.667 $\pm$ 0.051 χ^2 /NDF:6150882.2/35

All: 299.530 $\pm$ 0.037 χ^2 /NDF: 12154787.2/68

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: 226.986 $\pm$ 36.222 χ^2 /NDF:16.1/17

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 246.450 $\pm$ 38.557 χ^2 /NDF:17.2/15

Left: 236.111 $\pm$ 26.400 χ^2 /NDF: 33.5/33

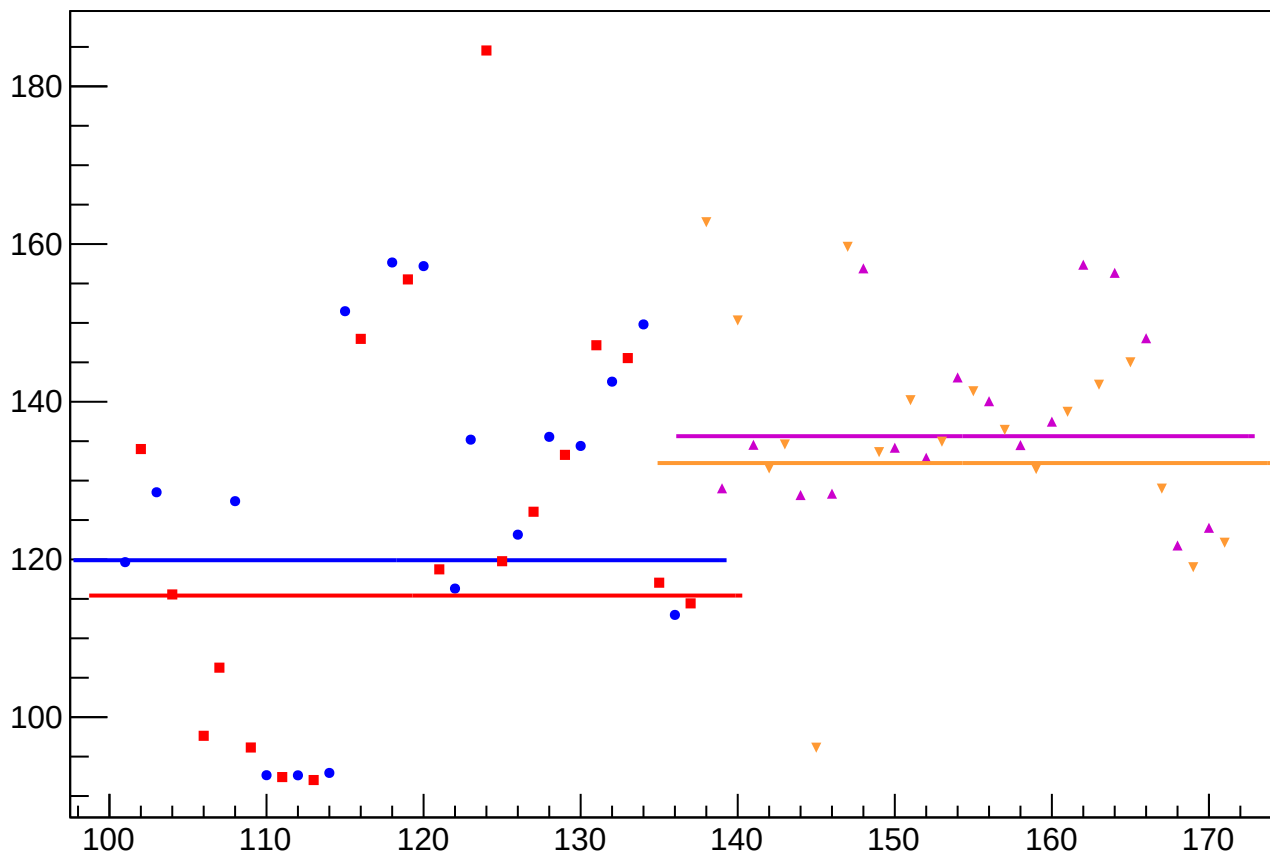
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 201.656 $\pm$ 29.816 χ^2 /NDF:38.6/32

Out: 218.468 $\pm$ 28.101 χ^2 /NDF:28.3/35

All: 210.560 $\pm$ 20.450 χ^2 /NDF: 67.1/68

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2/NDF : 345510.5/16

Left Out: 132.226 $\pm$ 0.026 χ^2/NDF :400142.2/17

Right Out: 115.422 $\pm$ 0.031 χ^2/NDF : 418100.5/17

Left In: 135.635 $\pm$ 0.027 χ^2/NDF :143350.1/15

Left: 133.824 $\pm$ 0.019 χ^2/NDF : 551793.9/33

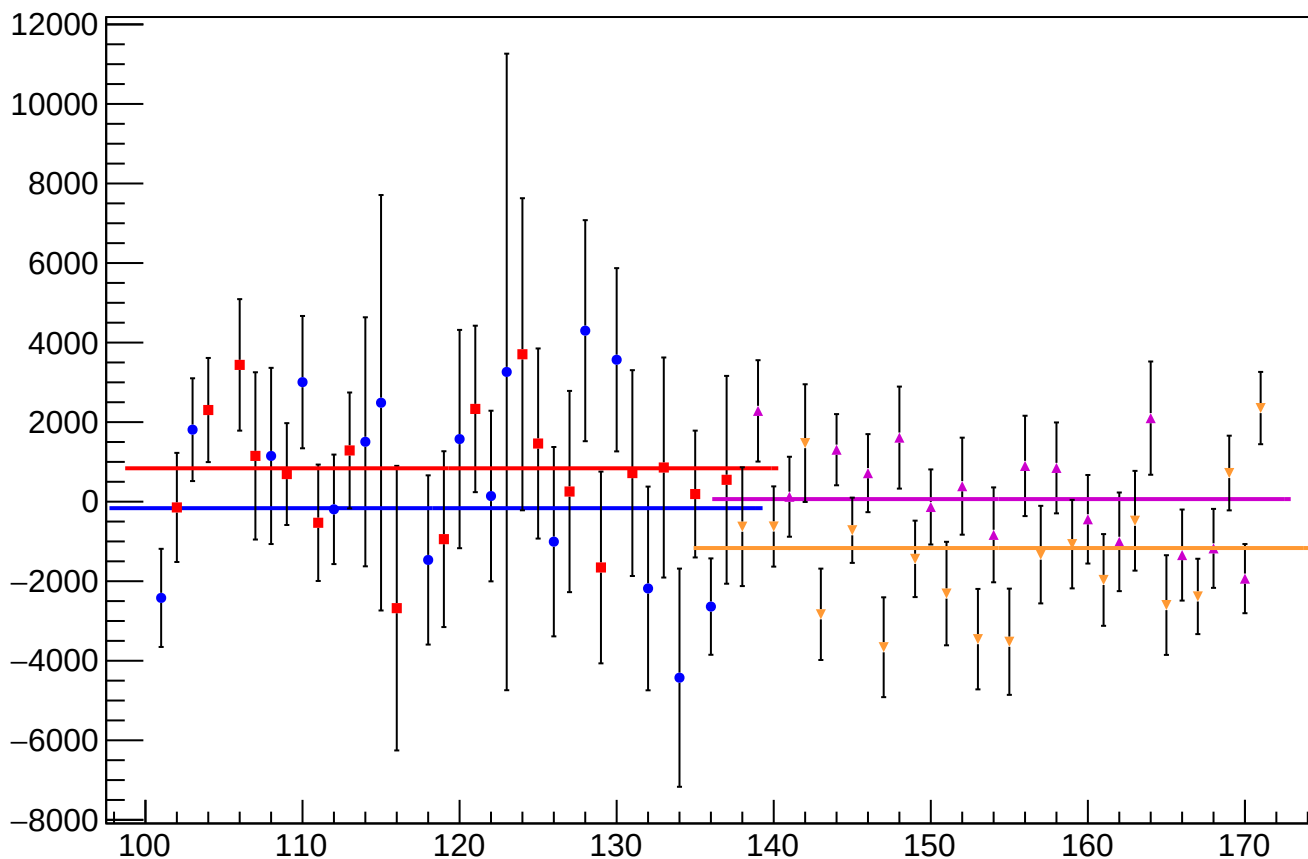
Right: 117.541 $\pm$ 0.023 χ^2/NDF : 773185.8/34

In: 129.310 $\pm$ 0.021 χ^2/NDF :622704.8/32

Out: 125.536 $\pm$ 0.020 χ^2/NDF :989623.2/35

All: 127.312 $\pm$ 0.014 χ^2/NDF : 1629300.3/68

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: -1165.859 $\pm$ 261.861 χ^2 /NDF:40.0/17

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 64.804 $\pm$ 272.756 χ^2 /NDF:19.8/15

Left: -575.596 $\pm$ 188.898 χ^2 /NDF: 70.4/33

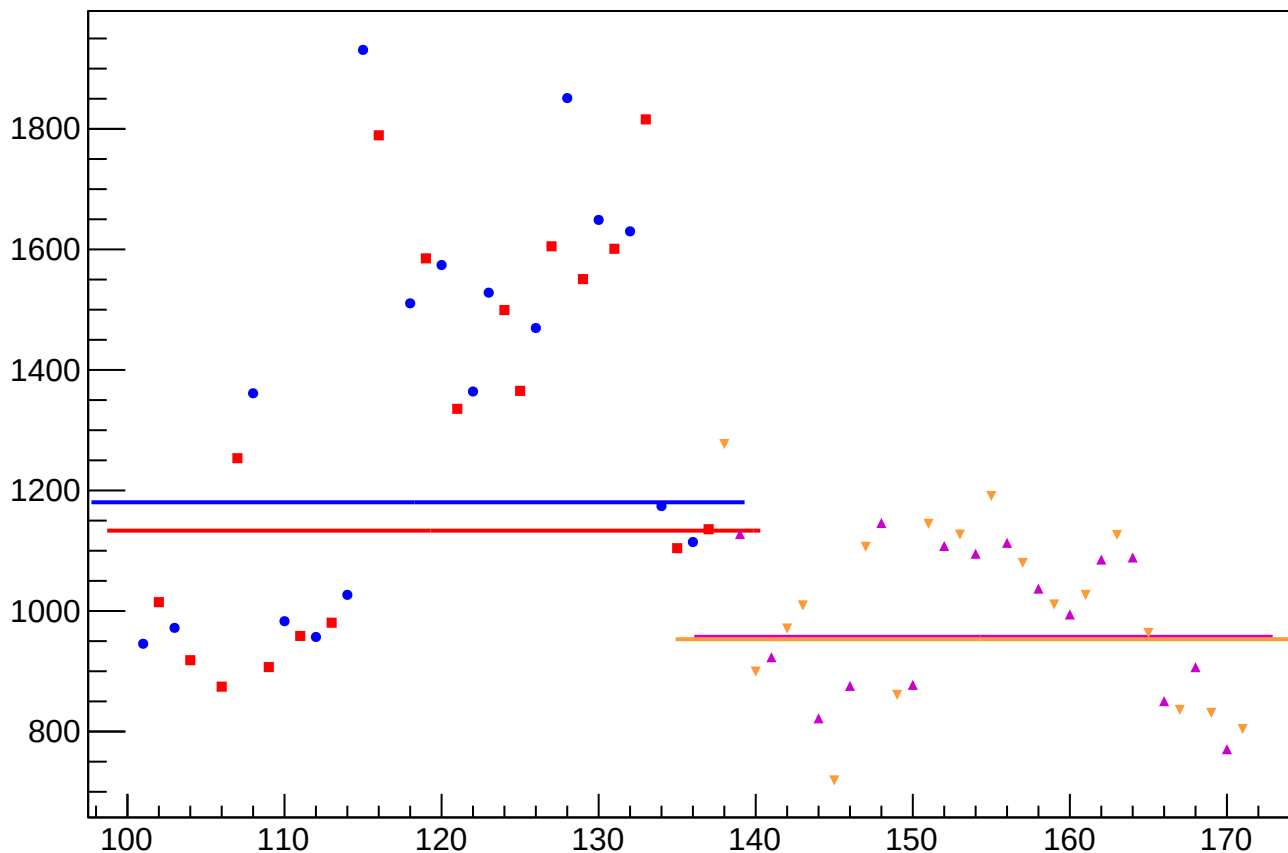
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 7.201 $\pm$ 235.857 χ^2 /NDF:43.7/32

Out: -642.273 $\pm$ 225.089 χ^2 /NDF:64.6/35

All: -332.699 $\pm$ 162.835 χ^2 /NDF: 112.2/68

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 953.181 $\pm$ 0.185 χ^2 /NDF: 652089.8/17

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 957.170 $\pm$ 0.193 χ^2 /NDF: 407988.8/15

Left: 955.094 $\pm$ 0.134 χ^2 /NDF: 1060301.2/33

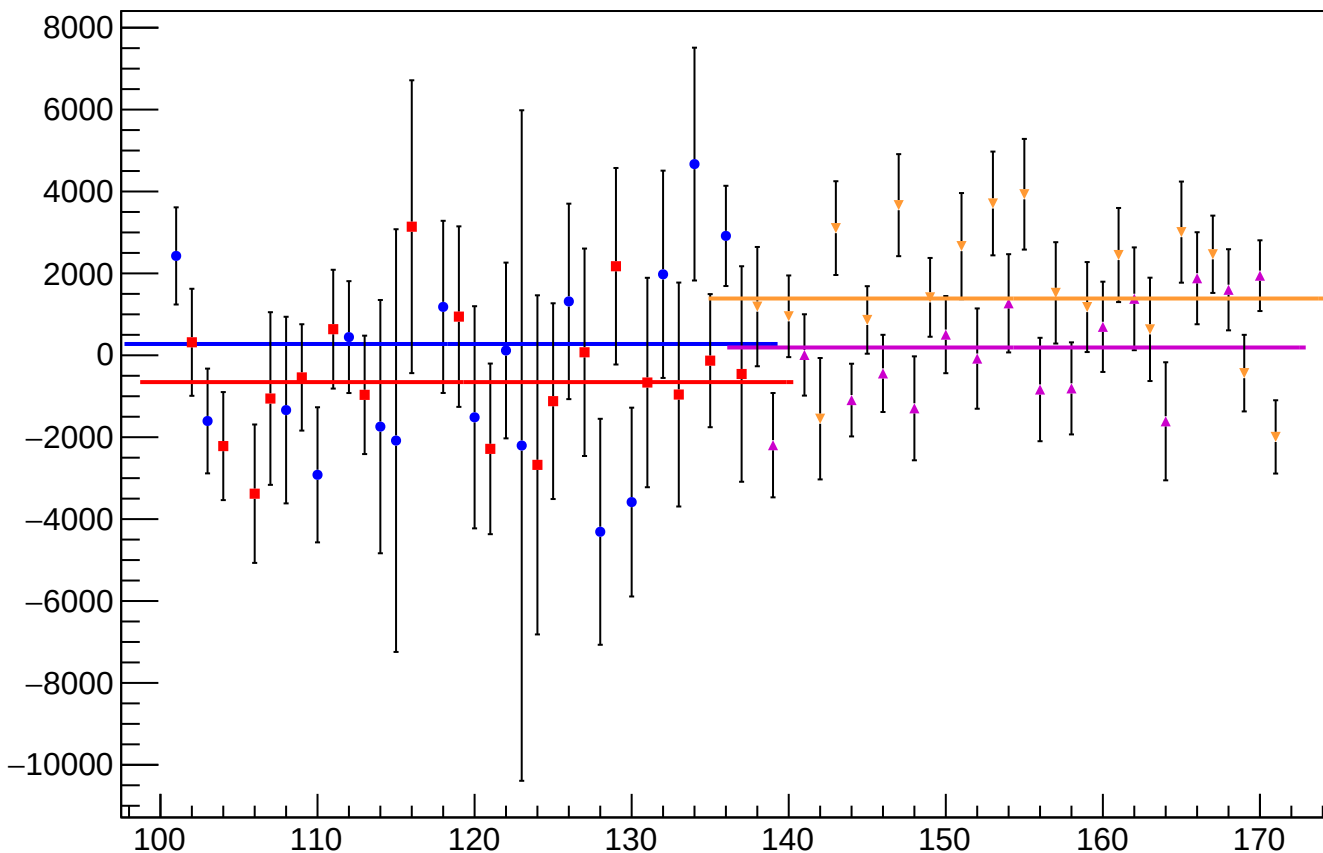
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 1013.483 $\pm$ 0.167 χ^2 /NDF: 1414787.1/32

Out: 1000.228 $\pm$ 0.159 χ^2 /NDF: 1659713.6/35

All: 1006.546 $\pm$ 0.115 χ^2 /NDF: 3077806.5/68

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1386.700+/-260.870 χ^2/NDF :40.4/17

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: 190.679+/-270.730 χ^2/NDF :21.0/15

Left: 810.866+/-187.852 χ^2/NDF : 71.4/33

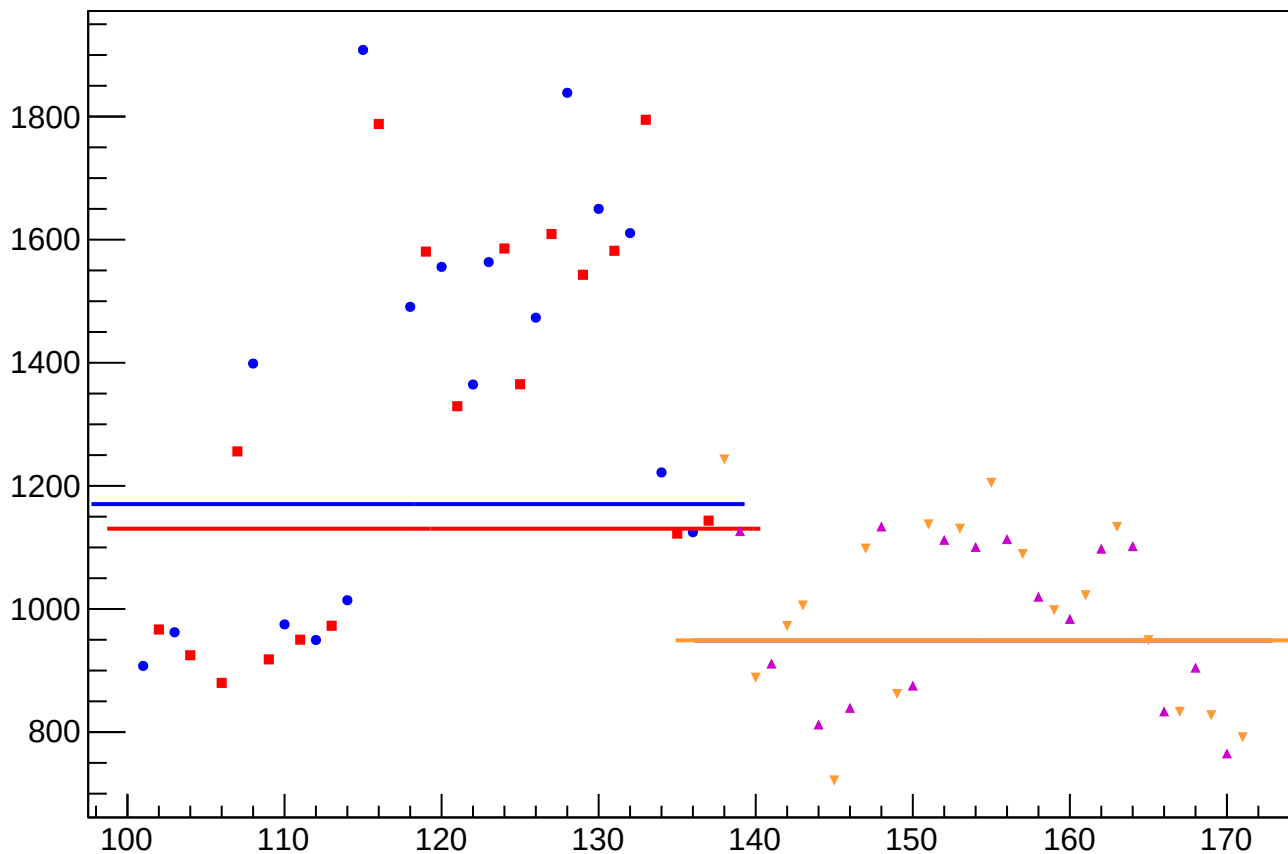
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: 212.287+/-234.146 χ^2/NDF :45.3/32

Out: 855.516+/-224.372 χ^2/NDF :65.9/35

All: 547.606+/-162.000 χ^2/NDF : 115.1/68

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 949.108 $\pm$ 0.184 χ^2 /NDF: 652970.1/17

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 948.697 $\pm$ 0.191 χ^2 /NDF: 448670.0/15

Left: 948.910 $\pm$ 0.133 χ^2 /NDF: 1101642.5/33

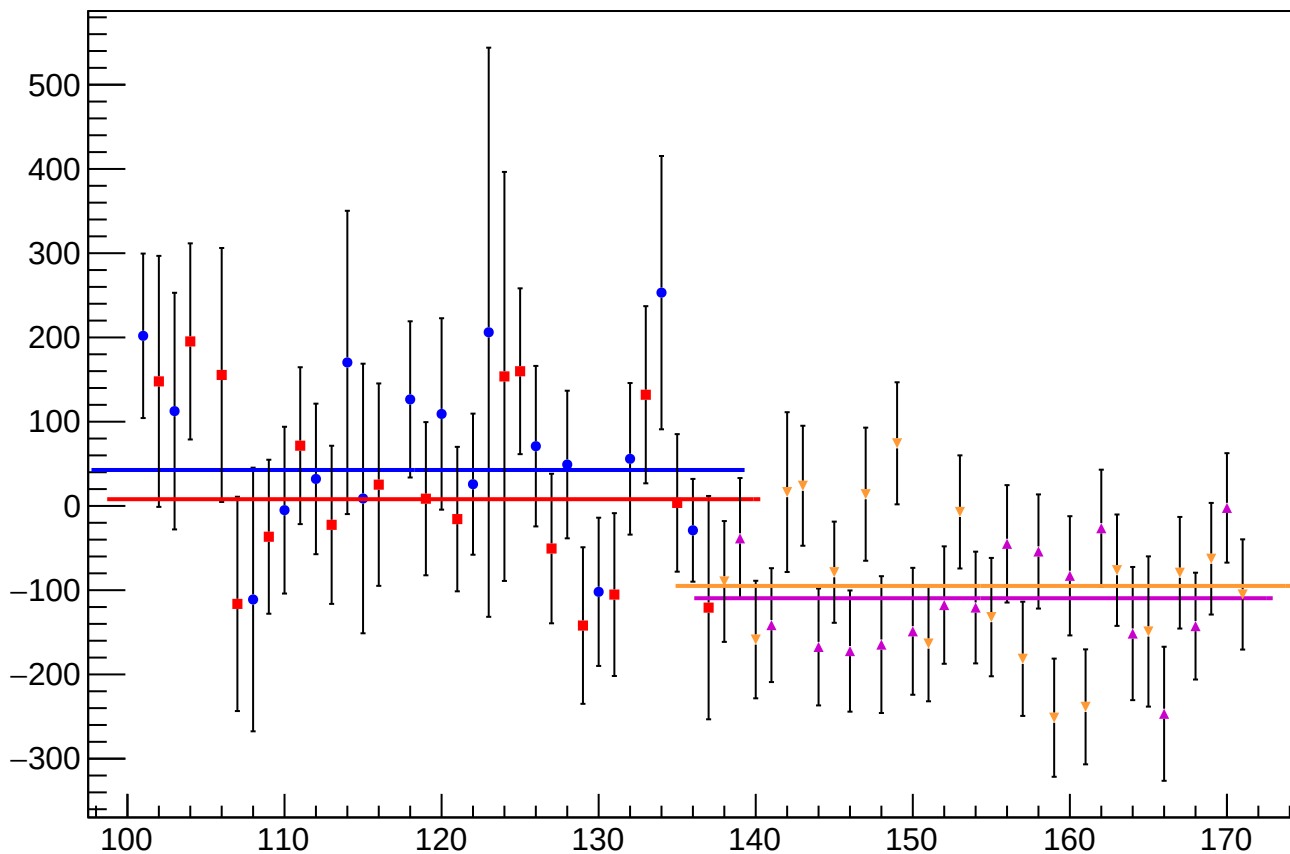
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1004.568 $\pm$ 0.166 χ^2 /NDF: 1492164.4/32

Out: 996.303 $\pm$ 0.159 χ^2 /NDF: 1667527.6/35

All: 1000.259 $\pm$ 0.115 χ^2 /NDF: 3160991.3/68

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -94.950 ± 16.545 $\chi^2/\text{NDF}: 27.2/17$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -109.547 ± 17.649 $\chi^2/\text{NDF}: 12.8/15$

Left: -101.777 ± 12.070 $\chi^2/\text{NDF}: 40.4/33$

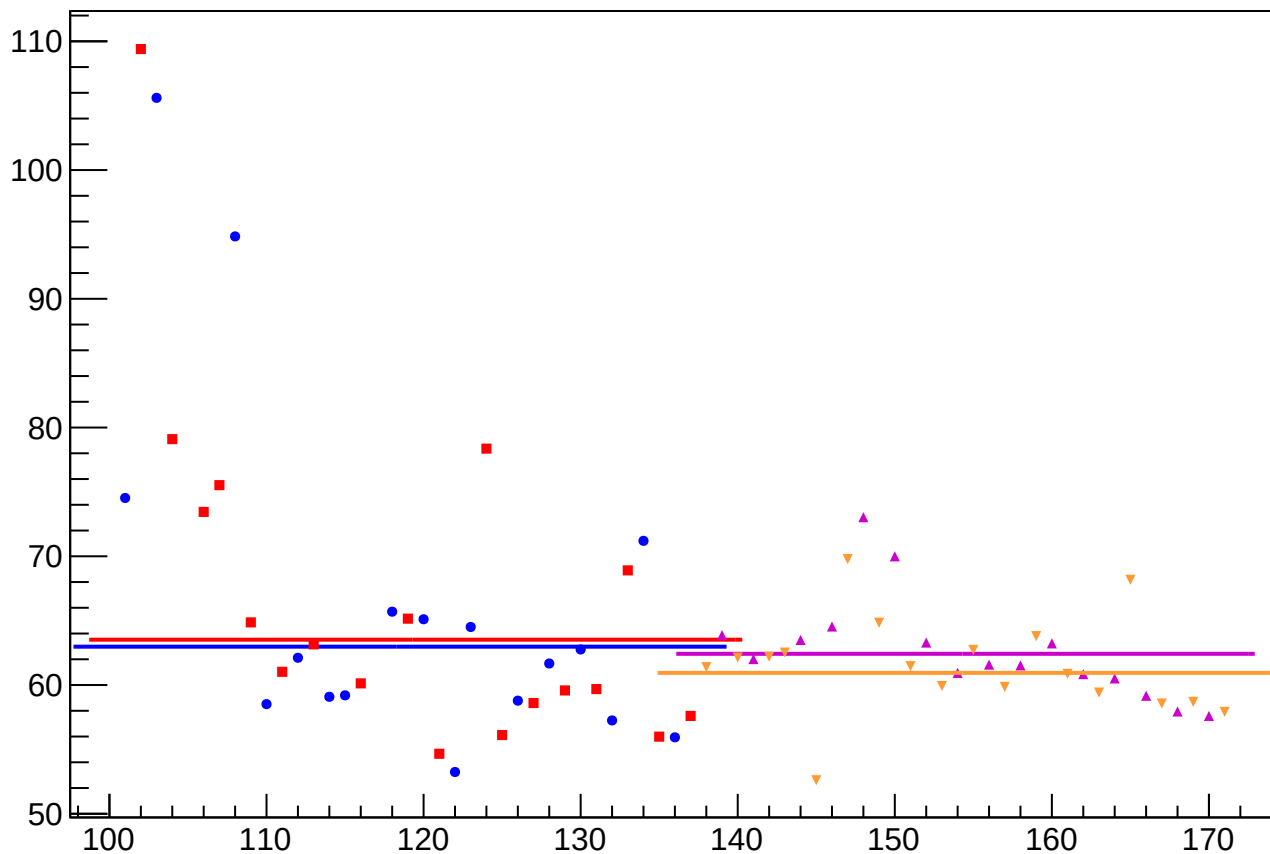
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -58.099 ± 14.360 $\chi^2/\text{NDF}: 49.9/32$

Out: -62.694 ± 13.710 $\chi^2/\text{NDF}: 55.1/35$

All: -60.503 ± 9.916 $\chi^2/\text{NDF}: 105.1/68$

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: 60.944 $\pm$ 0.012 χ^2 /NDF:100463.6/17

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 62.425 $\pm$ 0.012 χ^2 /NDF:86287.1/15

Left: 61.637 $\pm$ 0.009 χ^2 /NDF: 194245.9/33

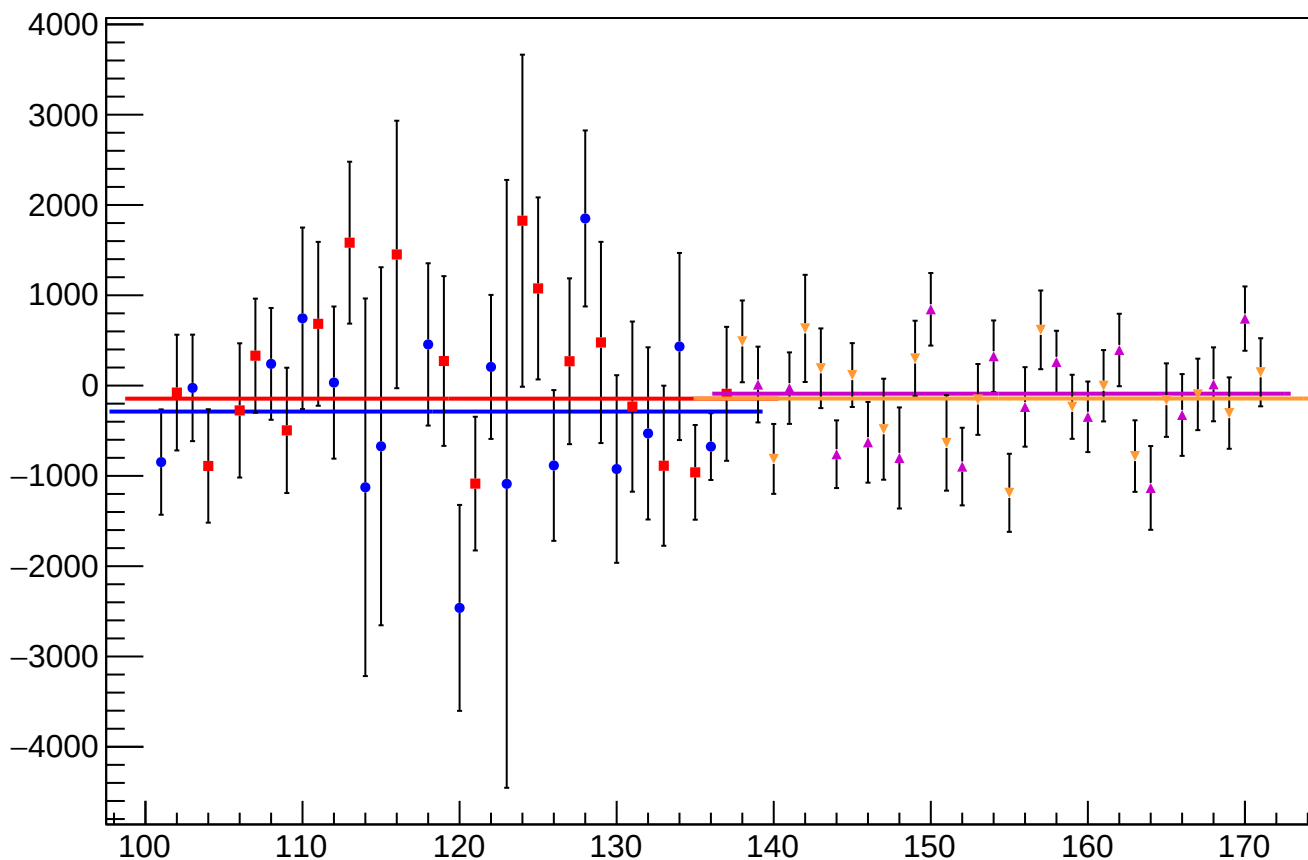
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 62.613 $\pm$ 0.010 χ^2 /NDF:462219.3/32

Out: 61.752 $\pm$ 0.010 χ^2 /NDF:451112.2/35

All: 62.162 $\pm$ 0.007 χ^2 /NDF: 917090.6/68

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 χ^2/NDF : 15.4/16

Left Out: -143.282 ± 98.183 χ^2/NDF : 22.6/17

Right Out: -144.624 ± 187.777 χ^2/NDF : 16.1/17

Left In: -89.524 ± 102.557 χ^2/NDF : 30.3/15

Left: -117.574 ± 70.922 χ^2/NDF : 53.0/33

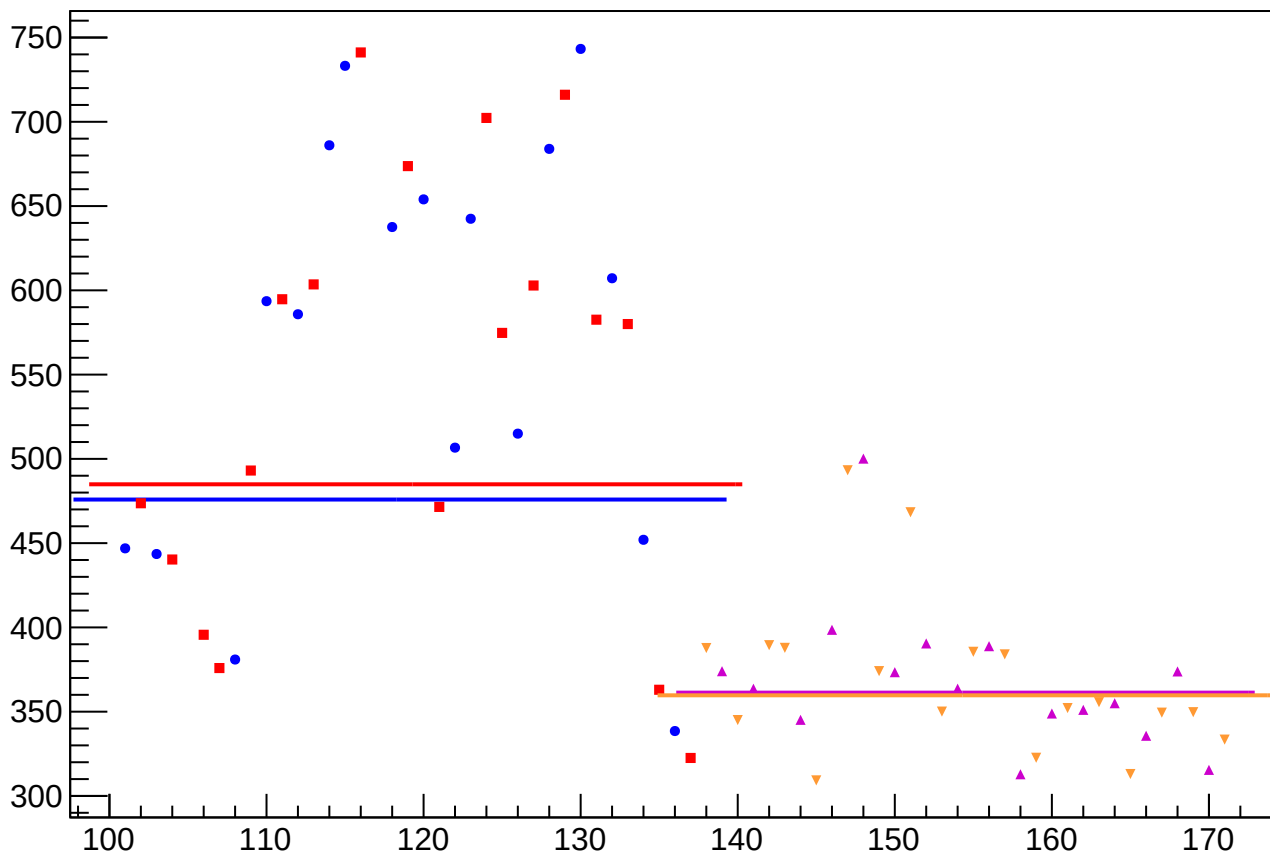
Right: -215.353 ± 133.518 χ^2/NDF : 31.7/34

In: -134.274 ± 90.237 χ^2/NDF : 46.5/32

Out: -143.570 ± 87.007 χ^2/NDF : 38.6/35

All: -139.091 ± 62.634 χ^2/NDF : 85.1/68

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: 359.710+/-0.069 χ^2/NDF : 341292.7/17

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 361.298+/-0.073 χ^2/NDF : 246124.2/15

Left: 360.469+/-0.050 χ^2/NDF : 587667.0/33

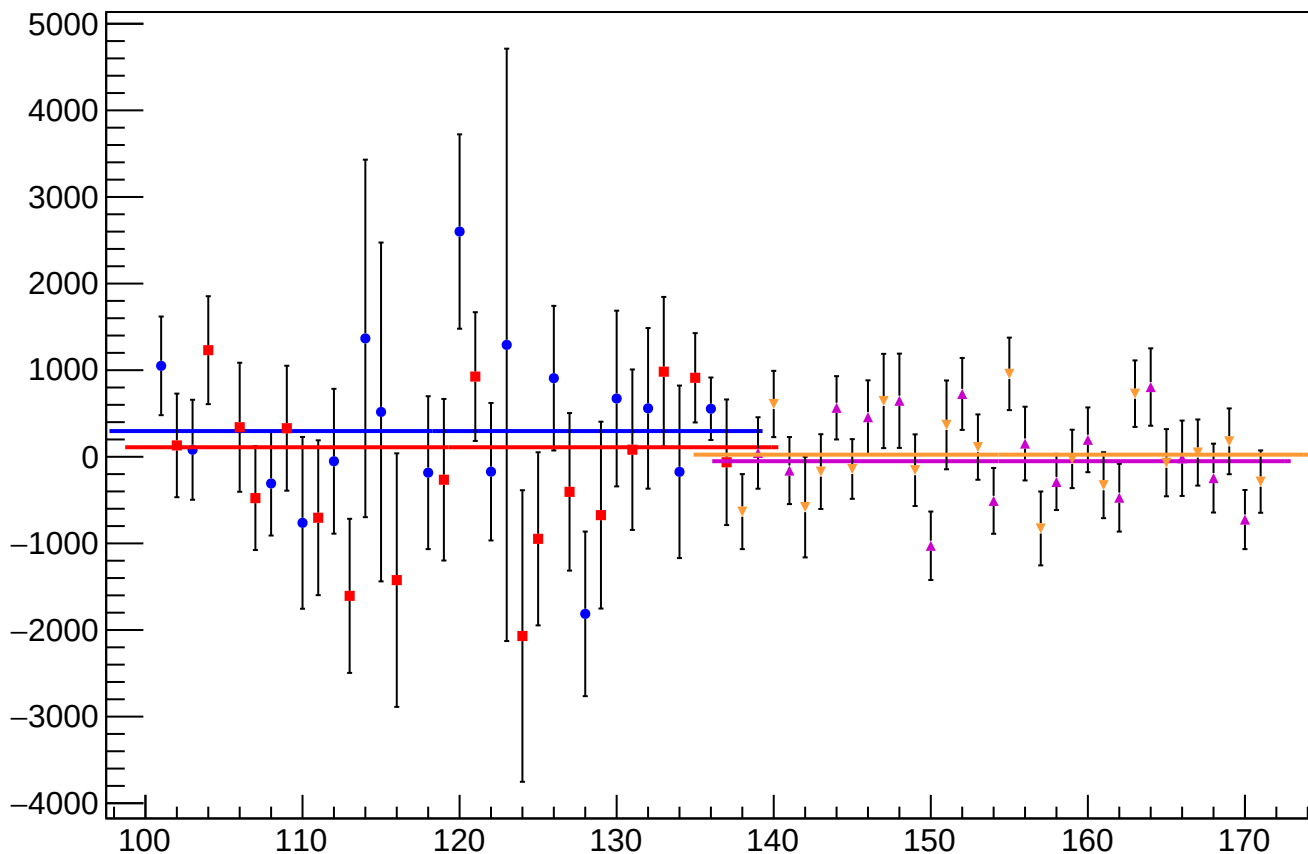
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 387.171+/-0.064 χ^2/NDF : 1647619.8/32

Out: 386.591+/-0.062 χ^2/NDF : 1755870.7/35

All: 386.871+/-0.044 χ^2/NDF : 3403533.4/68

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 24.586 $\pm$ 95.000 χ^2 /NDF:22.3/17

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -50.913 $\pm$ 99.026 χ^2 /NDF:27.3/15

Left: -11.598 $\pm$ 68.554 χ^2 /NDF: 49.9/33

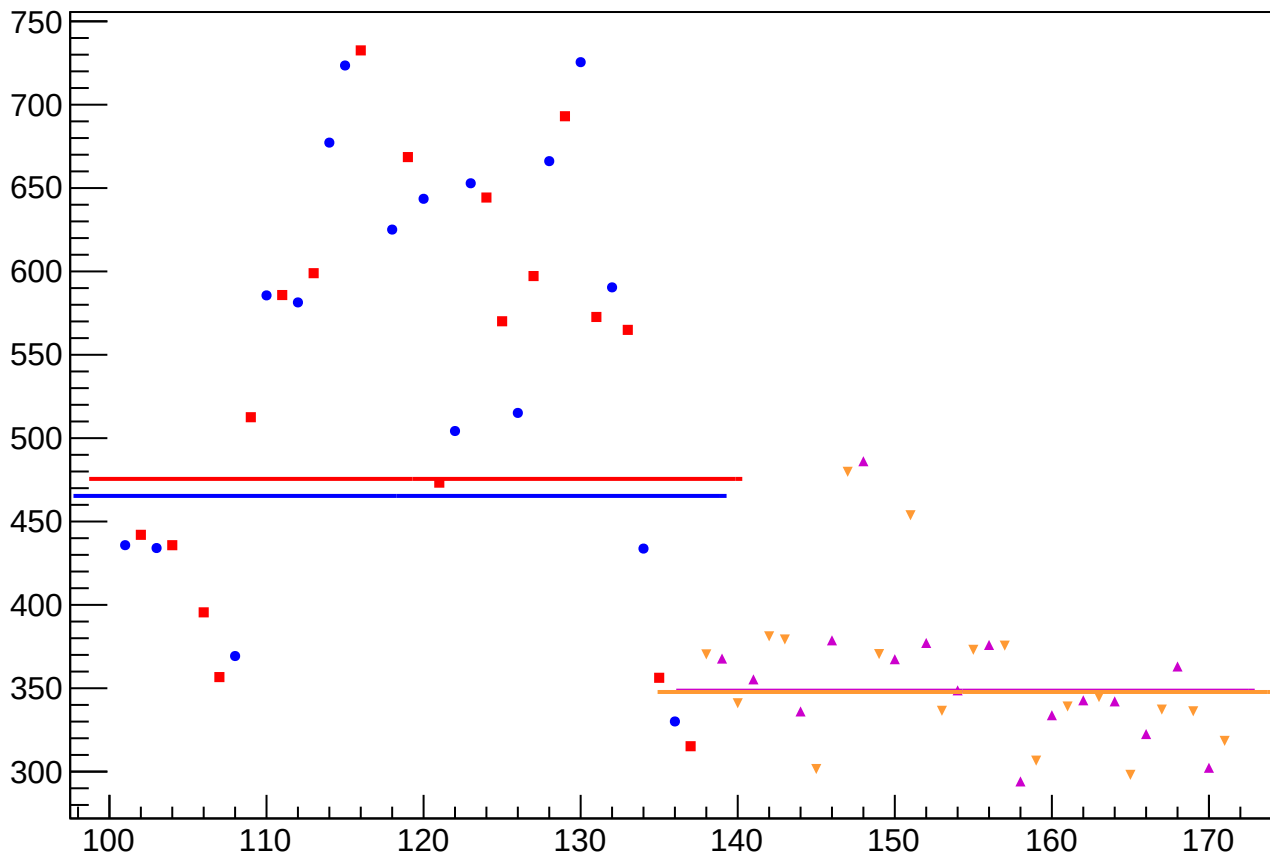
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 25.936 $\pm$ 87.407 χ^2 /NDF:45.9/32

Out: 42.530 $\pm$ 84.452 χ^2 /NDF:41.0/35

All: 34.518 $\pm$ 60.734 χ^2 /NDF: 86.9/68

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: 347.761 $\pm$ 0.067 χ^2 /NDF: 366633.5/17

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 348.547 $\pm$ 0.070 χ^2 /NDF: 274501.6/15

Left: 348.138 $\pm$ 0.048 χ^2 /NDF: 641200.7/33

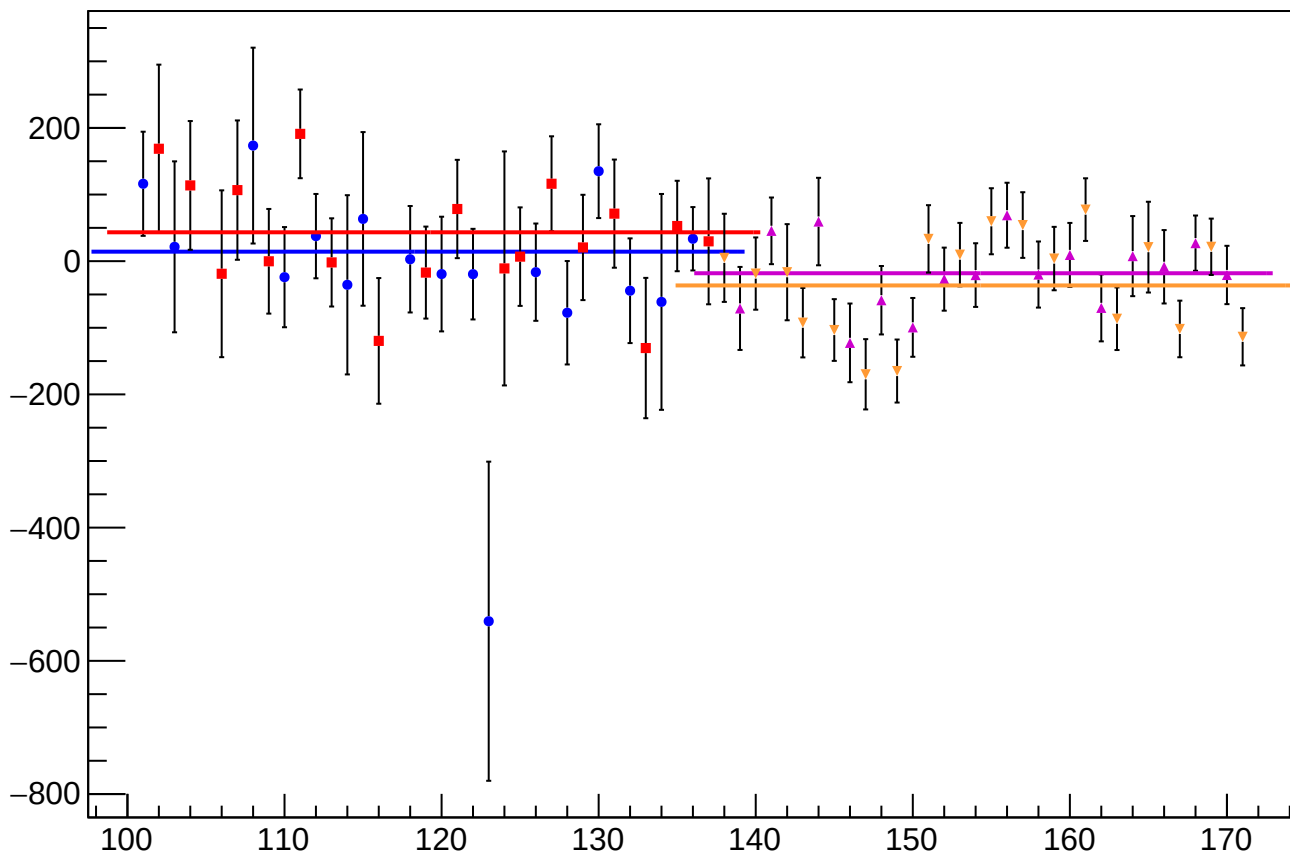
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 374.349 $\pm$ 0.062 χ^2 /NDF: 1749626.1/32

Out: 374.566 $\pm$ 0.060 χ^2 /NDF: 1866627.7/35

All: 374.461 $\pm$ 0.043 χ^2 /NDF: 3616260.1/68

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -36.446 ± 11.731 $\chi^2/\text{NDF}: 43.5/17$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -18.132 ± 12.583 $\chi^2/\text{NDF}: 16.9/15$

Left: -27.929 ± 8.580 $\chi^2/\text{NDF}: 61.5/33$

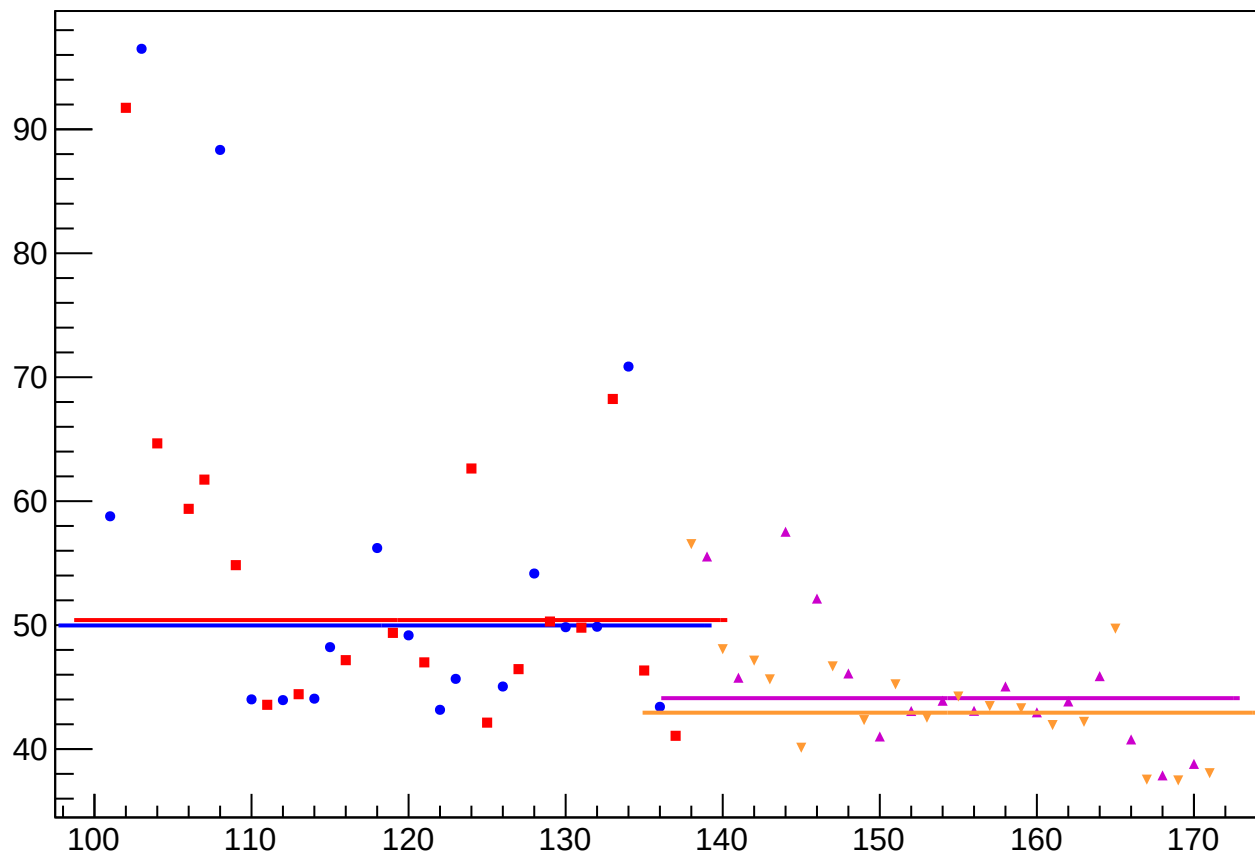
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -8.860 ± 10.630 $\chi^2/\text{NDF}: 33.6/32$

Out: -15.481 ± 10.073 $\chi^2/\text{NDF}: 71.8/35$

All: -12.349 ± 7.312 $\chi^2/\text{NDF}: 105.6/68$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.935 $\pm$ 0.008 χ^2/NDF : 250879.1/17

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 44.108 $\pm$ 0.009 χ^2/NDF : 290261.8/15

Left: 43.480 $\pm$ 0.006 χ^2/NDF : 550427.9/33

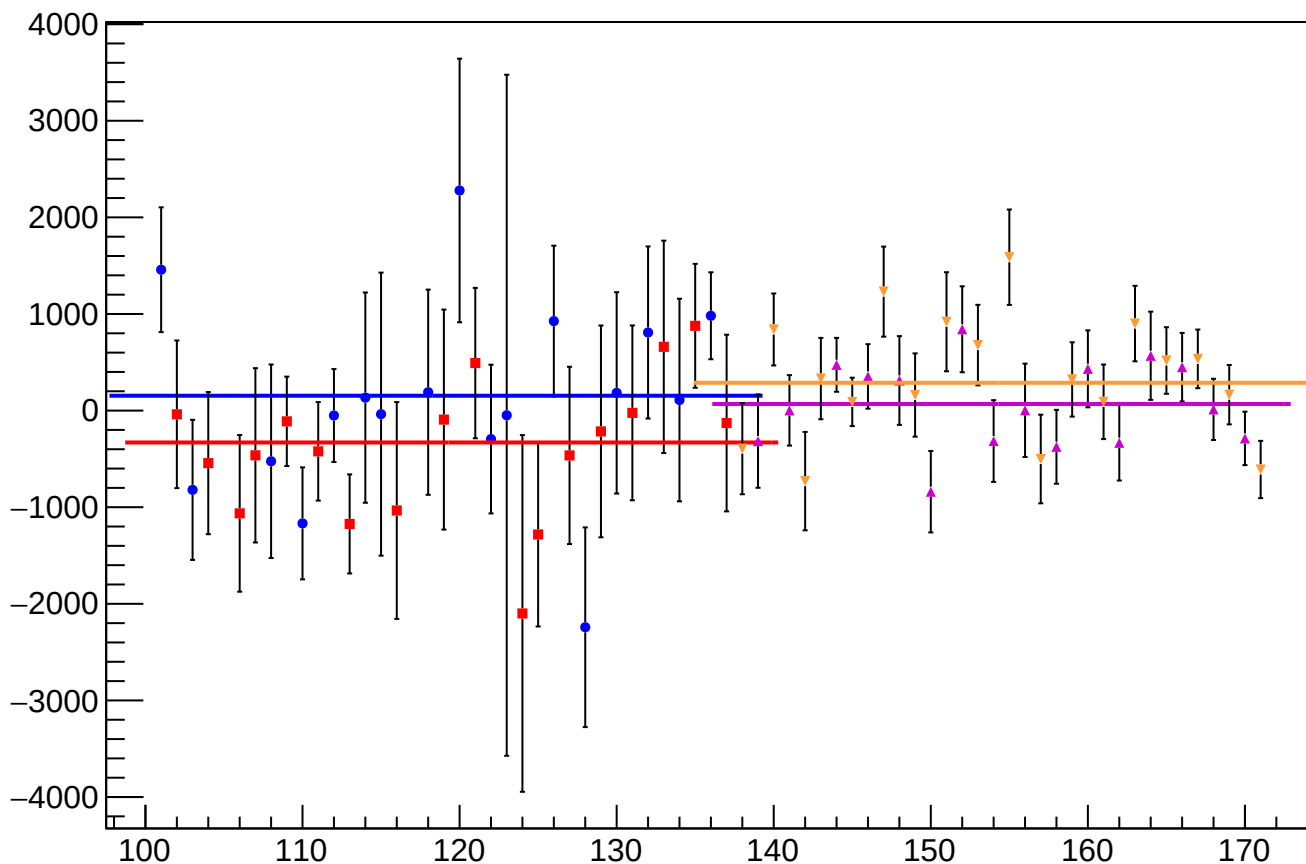
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 45.787 $\pm$ 0.008 χ^2/NDF : 993438.6/32

Out: 44.899 $\pm$ 0.007 χ^2/NDF : 931598.3/35

All: 45.319 $\pm$ 0.005 χ^2/NDF : 1932389.6/68

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 288.002 $\pm$ 88.797 χ^2 /NDF:38.6/17

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 68.435 $\pm$ 93.500 χ^2 /NDF:19.6/15

Left: 183.878 $\pm$ 64.387 χ^2 /NDF: 61.0/33

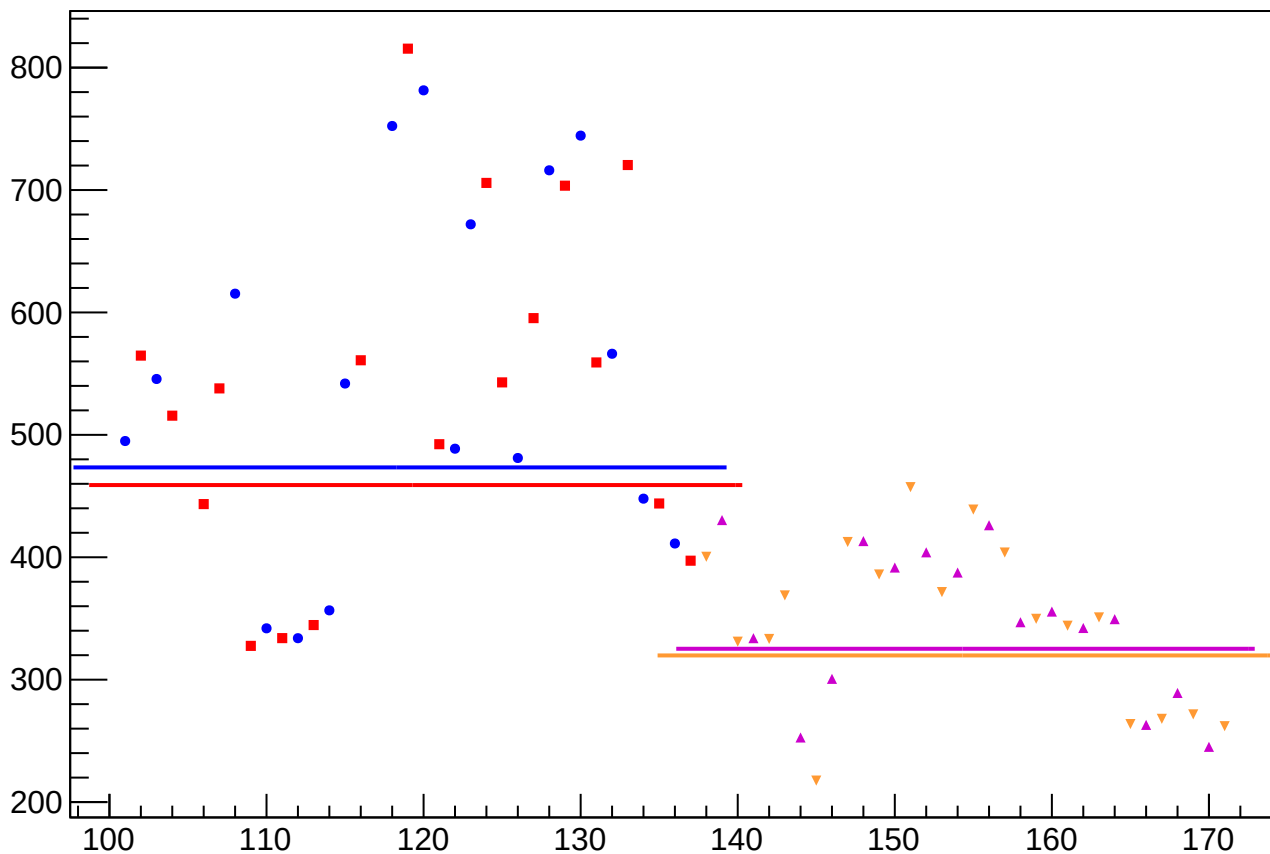
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 85.090 $\pm$ 83.889 χ^2 /NDF:44.5/32

Out: 166.828 $\pm$ 79.616 χ^2 /NDF:60.1/35

All: 128.093 $\pm$ 57.749 χ^2 /NDF: 105.1/68

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: 319.800 $\pm$ 0.063 χ^2/NDF : 1175572.0/17

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 325.245 $\pm$ 0.066 χ^2/NDF : 840483.8/15

Left: 322.382 $\pm$ 0.046 χ^2/NDF : 2019622.3/33

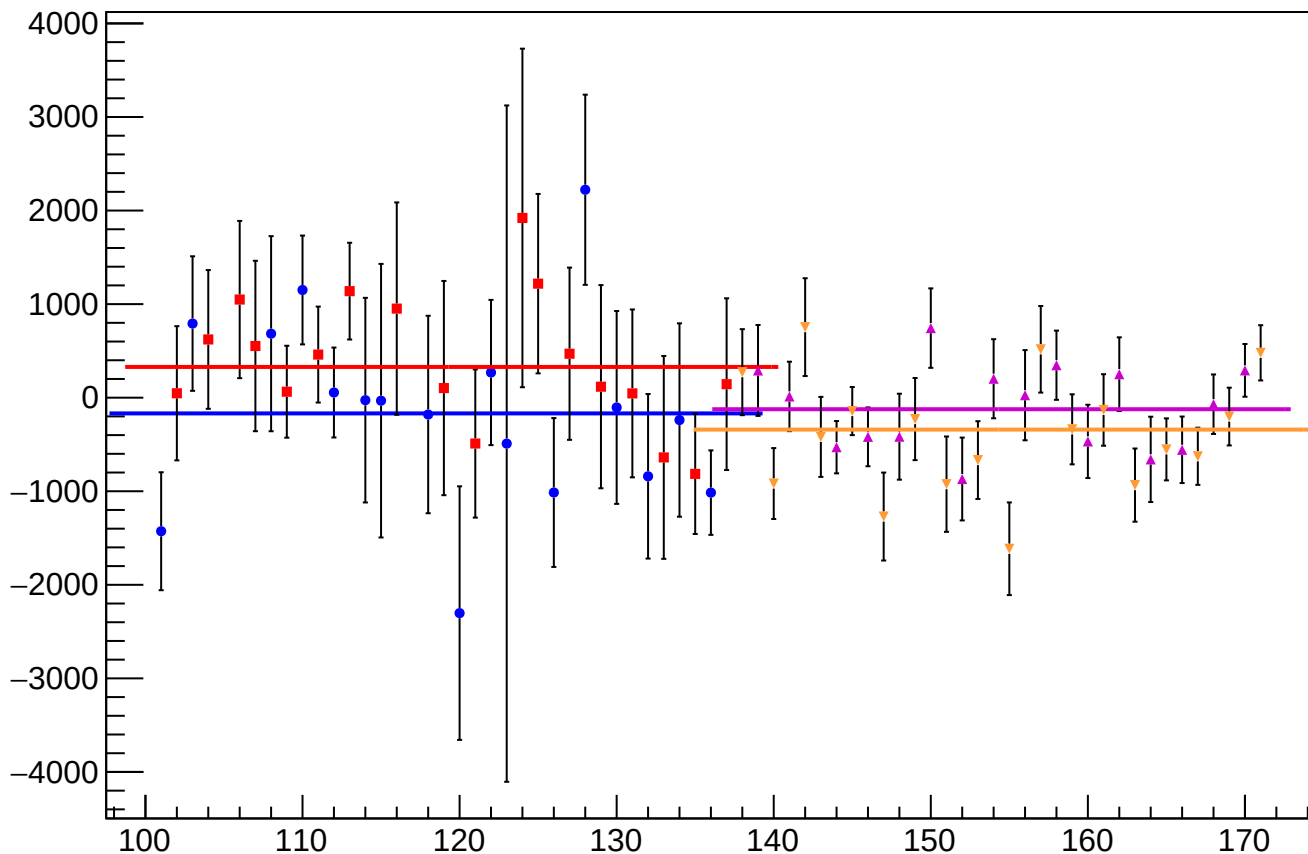
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 354.139 $\pm$ 0.059 χ^2/NDF : 2734787.3/32

Out: 347.093 $\pm$ 0.056 χ^2/NDF : 3145418.0/35

All: 350.432 $\pm$ 0.041 χ^2/NDF : 5887627.9/68

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -341.086+/-88.938 χ^2/NDF :36.9/17

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -123.315+/-93.160 χ^2/NDF :20.3/15

Left: -237.247+/-64.330 χ^2/NDF : 60.1/33

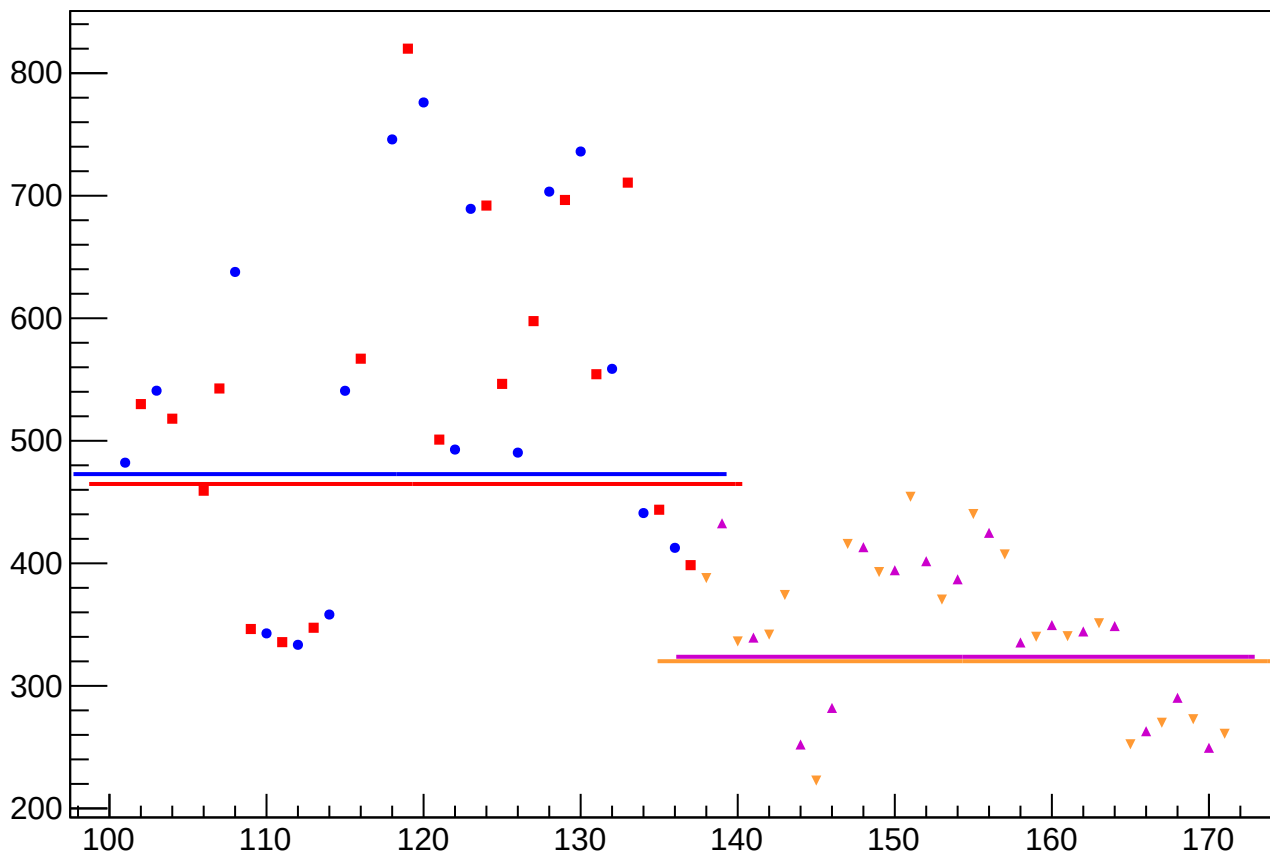
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -132.003+/-83.626 χ^2/NDF :45.8/32

Out: -211.486+/-79.870 χ^2/NDF :59.0/35

All: -173.569+/-57.759 χ^2/NDF : 105.2/68

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820+/-0.134 χ^2/NDF : 896373.5/16

Left Out: 320.129+/-0.063 χ^2/NDF :1154147.0/17

Right Out: 464.761+/-0.128 χ^2/NDF : 914781.1/17

Left In: 323.750+/-0.066 χ^2/NDF :838808.3/15

Left: 321.856+/-0.045 χ^2/NDF : 1994536.0/33

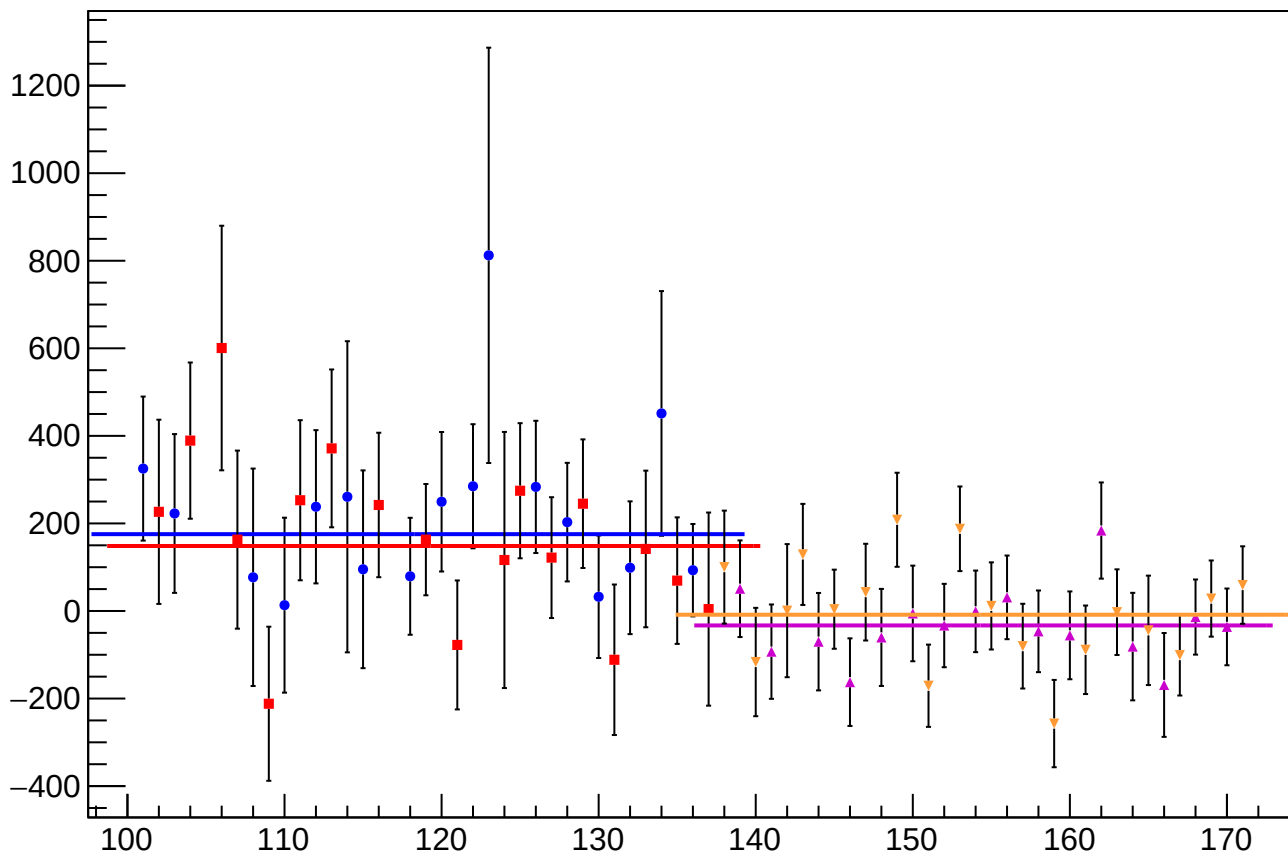
Right: 468.612+/-0.093 χ^2/NDF : 1813037.9/34

In: 352.701+/-0.059 χ^2/NDF :2729734.7/32

Out: 348.119+/-0.056 χ^2/NDF :3092482.3/35

All: 350.305+/-0.041 χ^2/NDF : 5825358.1/68

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: -8.550 $\pm$ 24.203 χ^2 /NDF:23.6/17

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -33.005 $\pm$ 25.404 χ^2 /NDF:8.8/15

Left: -20.186 $\pm$ 17.523 χ^2 /NDF: 32.9/33

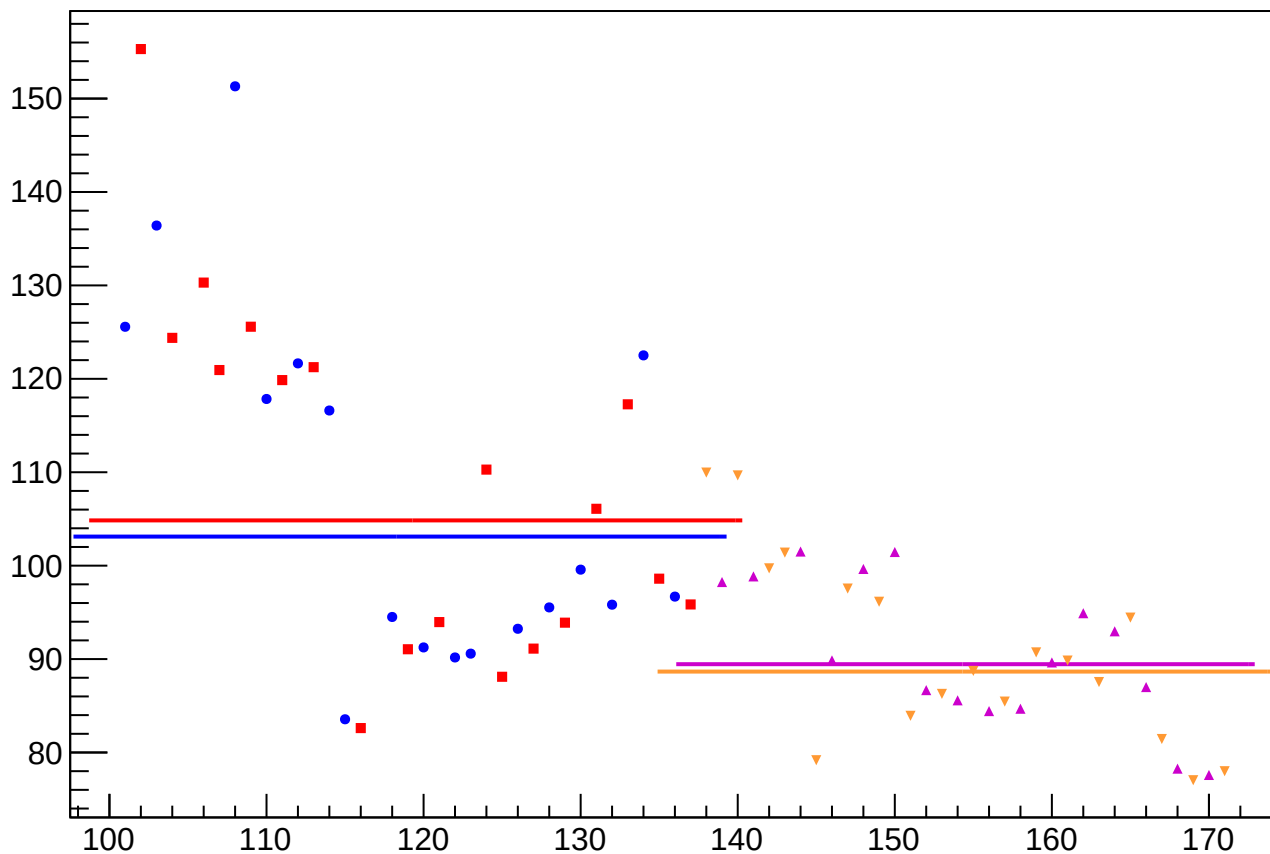
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 26.156 $\pm$ 21.499 χ^2 /NDF:36.6/32

Out: 33.018 $\pm$ 20.753 χ^2 /NDF:52.2/35

All: 29.708 $\pm$ 14.932 χ^2 /NDF: 88.8/68

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2/NDF : 306438.5/16

Left Out: 88.661 $\pm$ 0.017 χ^2/NDF : 282955.0/17

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 89.452 $\pm$ 0.018 χ^2/NDF : 186405.5/15

Left: 89.038 $\pm$ 0.012 χ^2/NDF : 470377.3/33

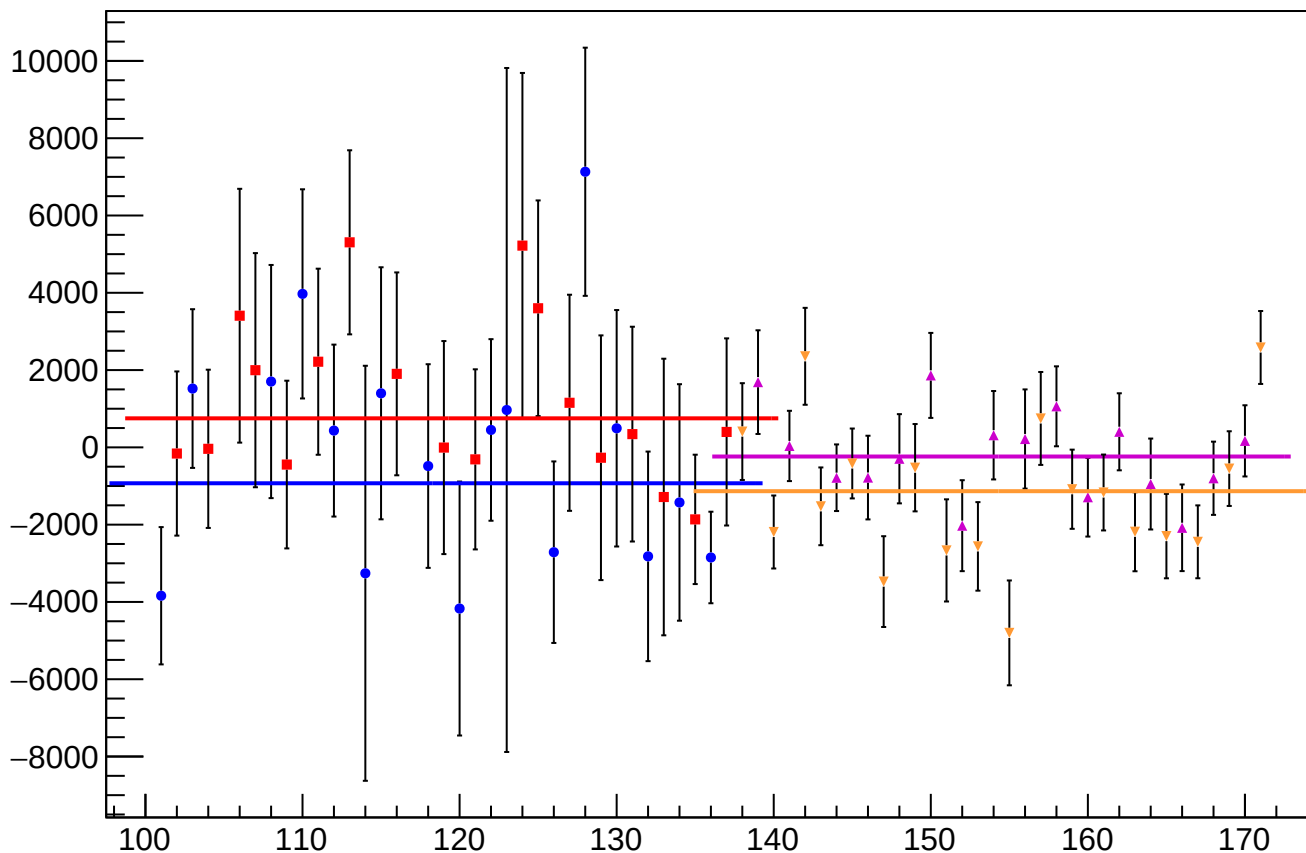
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 93.329 $\pm$ 0.015 χ^2/NDF : 656941.1/32

Out: 92.946 $\pm$ 0.015 χ^2/NDF : 888371.3/35

All: 93.131 $\pm$ 0.011 χ^2/NDF : 1545640.8/68

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -1134.030 ± 251.695 $\chi^2/\text{NDF}: 48.2/17$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -236.744 ± 263.956 $\chi^2/\text{NDF}: 15.8/15$

Left: -706.712 ± 182.156 $\chi^2/\text{NDF}: 70.1/33$

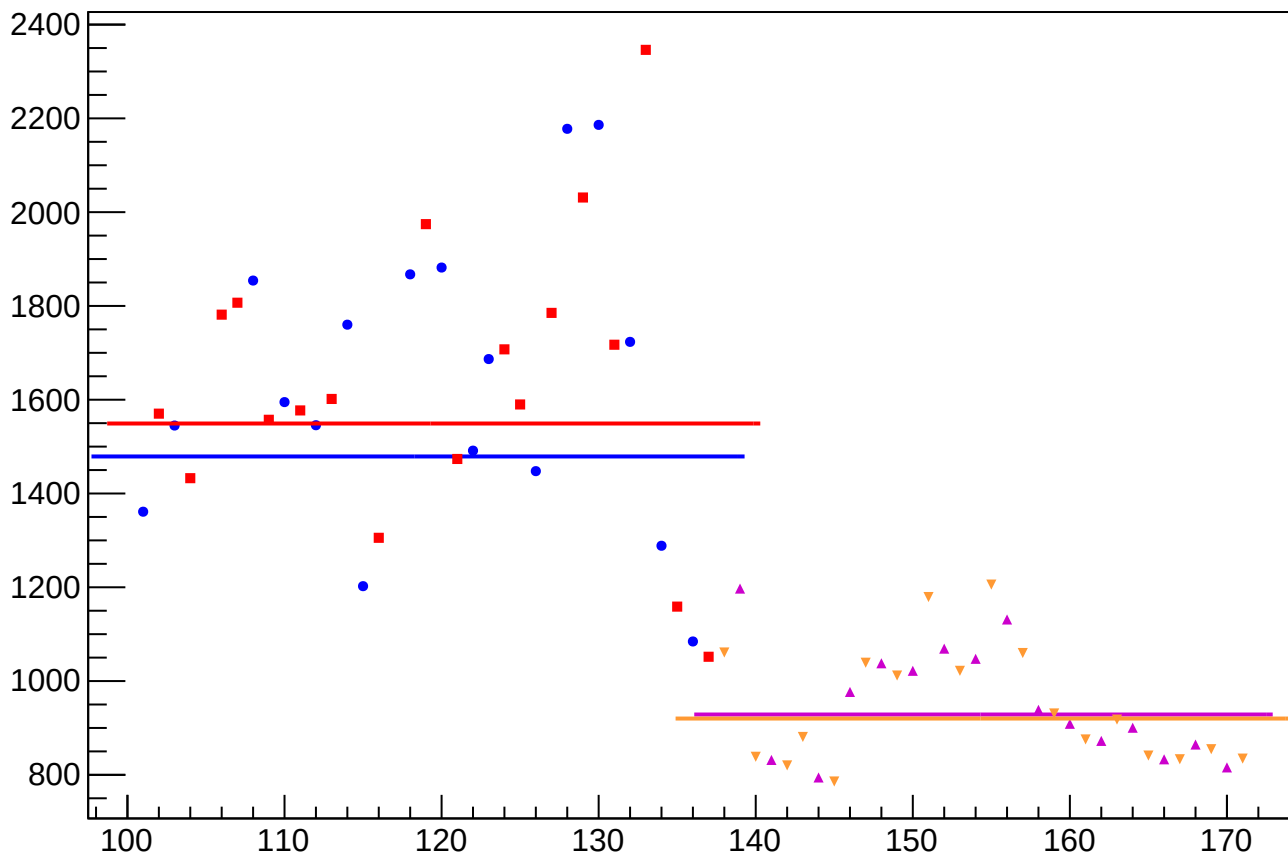
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -353.177 ± 240.735 $\chi^2/\text{NDF}: 37.8/32$

Out: -847.844 ± 231.805 $\chi^2/\text{NDF}: 67.7/35$

All: -609.855 ± 166.979 $\chi^2/\text{NDF}: 107.7/68$

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 920.063+/-0.178 χ^2/NDF : 399415.0/17

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 928.658+/-0.187 χ^2/NDF : 349693.5/15

Left: 924.157+/-0.129 χ^2/NDF : 750219.1/33

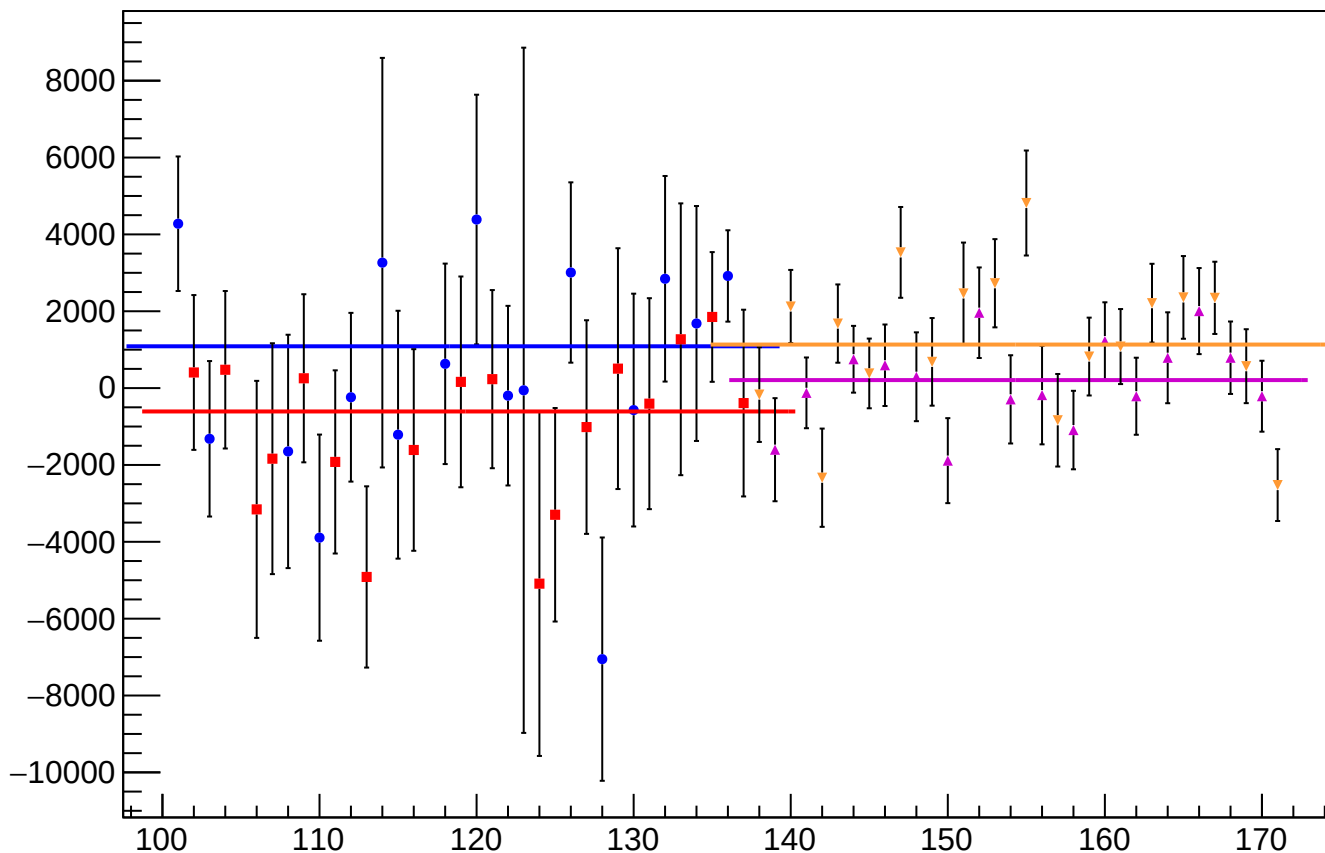
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1021.229+/-0.170 χ^2/NDF : 2401713.3/32

Out: 1015.576+/-0.164 χ^2/NDF : 2759264.3/35

All: 1018.296+/-0.118 χ^2/NDF : 5161549.9/68

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1133.154 $\pm$ 251.669 χ^2 /NDF: 47.5/17

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 208.531 $\pm$ 263.975 χ^2 /NDF: 14.8/15

Left: 692.896 $\pm$ 182.152 χ^2 /NDF: 68.7/33

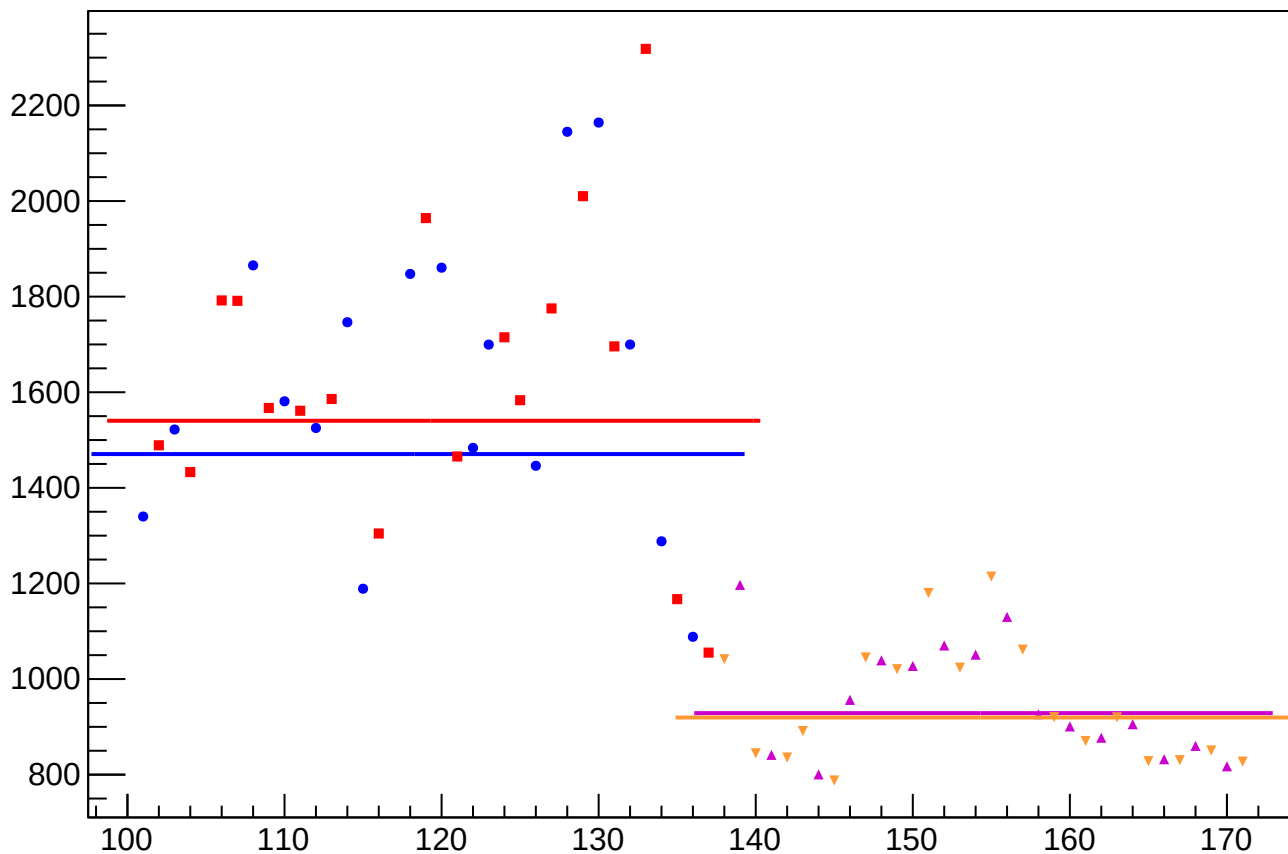
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 358.019 $\pm$ 240.496 χ^2 /NDF: 38.5/32

Out: 866.317 $\pm$ 231.582 χ^2 /NDF: 64.8/35

All: 621.762 $\pm$ 166.815 χ^2 /NDF: 105.6/68

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 919.531 $\pm$ 0.178 χ^2 /NDF: 404724.1/17

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 928.693 $\pm$ 0.187 χ^2 /NDF: 339958.2/15

Left: 923.894 $\pm$ 0.129 χ^2 /NDF: 745944.6/33

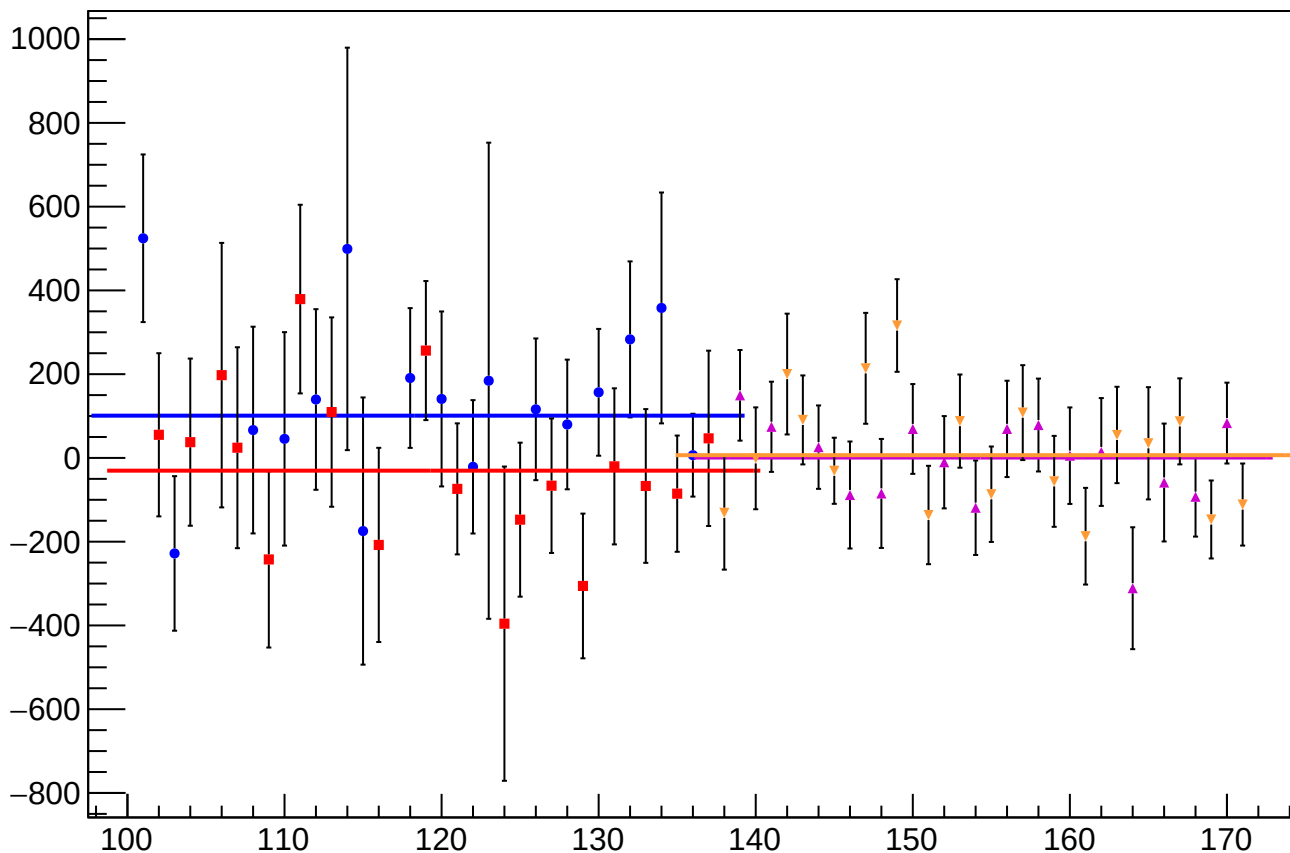
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1020.819 $\pm$ 0.170 χ^2 /NDF: 2340790.4/32

Out: 1014.676 $\pm$ 0.164 χ^2 /NDF: 2712682.7/35

All: 1017.632 $\pm$ 0.118 χ^2 /NDF: 5054150.4/68

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 χ^2/NDF : 13.0/16

Left Out: 6.544 ± 26.069 χ^2/NDF : 25.6/17

Right Out: -30.411 ± 45.710 χ^2/NDF : 13.5/17

Left In: 0.884 ± 28.300 χ^2/NDF : 12.2/15

Left: 3.946 ± 19.174 χ^2/NDF : 37.8/33

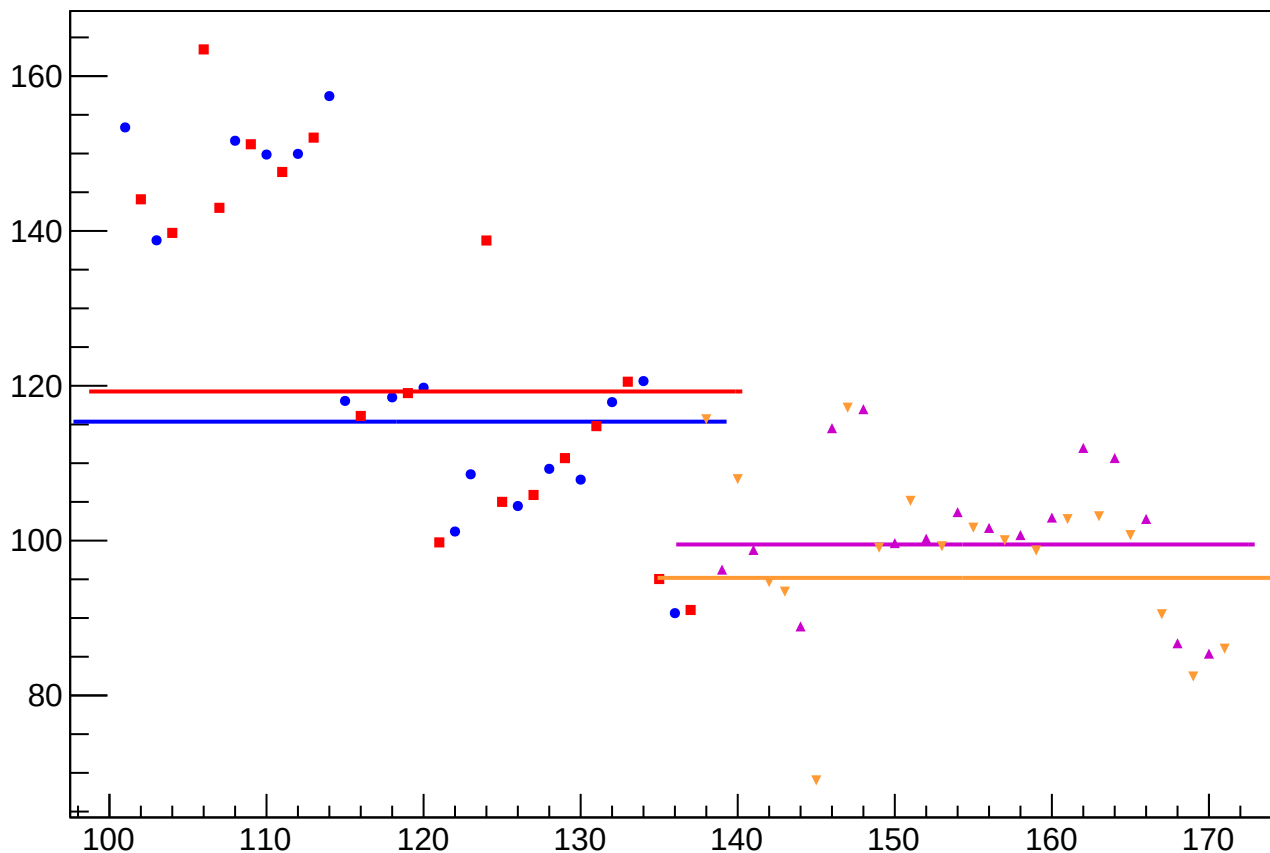
Right: 35.869 ± 32.170 χ^2/NDF : 30.7/34

In: 28.981 ± 23.999 χ^2/NDF : 28.7/32

Out: -2.526 ± 22.645 χ^2/NDF : 39.6/35

All: 12.314 ± 16.470 χ^2/NDF : 69.3/68

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.188 $\pm$ 0.018 χ^2 /NDF: 455451.2/17

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 99.502 $\pm$ 0.020 χ^2 /NDF: 204048.3/15

Left: 97.168 $\pm$ 0.014 χ^2 /NDF: 684645.3/33

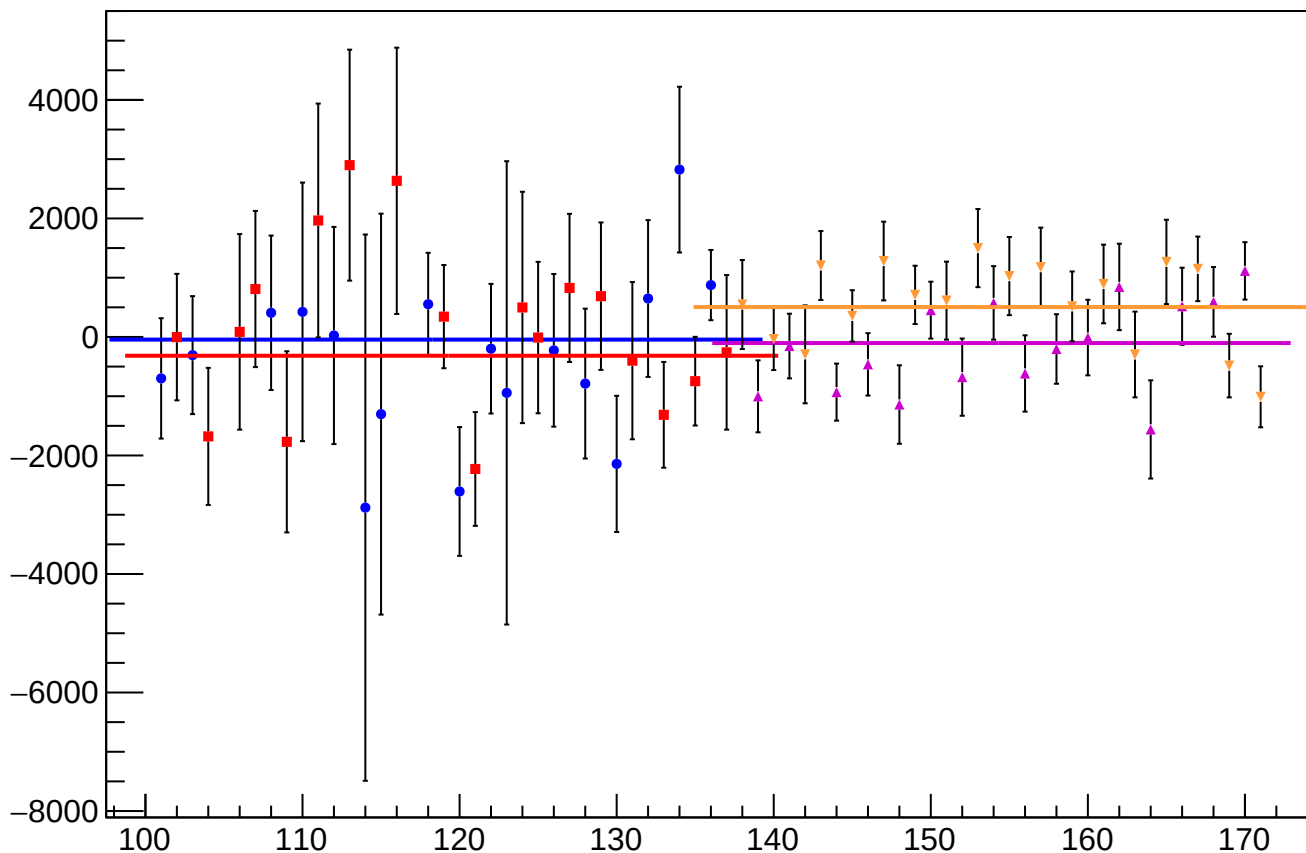
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 103.958 $\pm$ 0.017 χ^2 /NDF: 791928.7/32

Out: 101.097 $\pm$ 0.016 χ^2 /NDF: 1272407.7/35

All: 102.444 $\pm$ 0.012 χ^2 /NDF: 2079378.5/68

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 504.342 ± 140.859 χ^2/NDF : 25.2/17

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -102.930 ± 147.132 χ^2/NDF : 25.5/15

Left: 213.928 ± 101.748 χ^2/NDF : 59.6/33

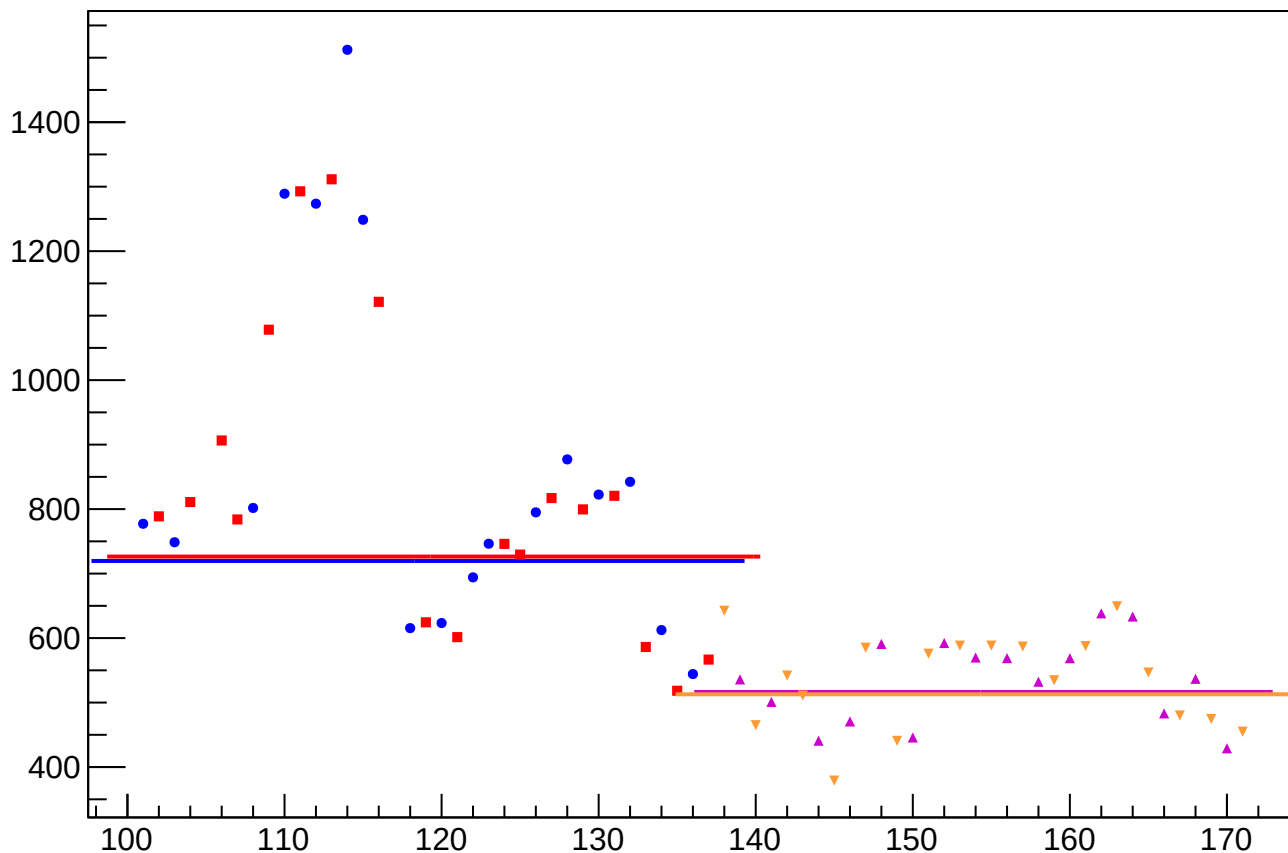
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -90.733 ± 130.861 χ^2/NDF : 43.4/32

Out: 341.373 ± 126.112 χ^2/NDF : 48.8/35

All: 133.304 ± 90.807 χ^2/NDF : 97.8/68

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 512.839 $\pm$ 0.100 χ^2 /NDF: 578507.9/17

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.446 $\pm$ 0.104 χ^2 /NDF: 375157.8/15

Left: 514.564 $\pm$ 0.072 χ^2 /NDF: 954292.7/33

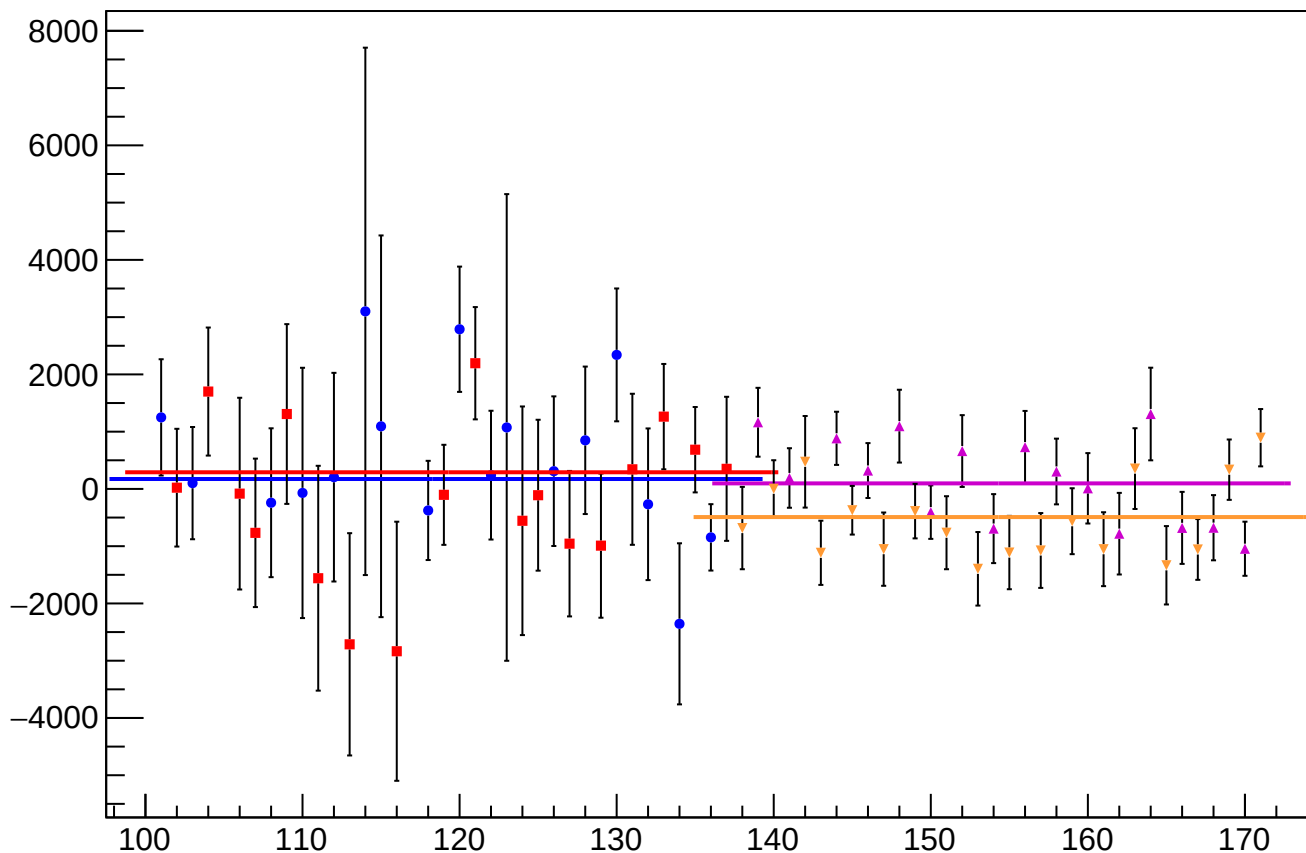
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 558.895 $\pm$ 0.093 χ^2 /NDF: 1918853.4/32

Out: 555.214 $\pm$ 0.089 χ^2 /NDF: 2371691.8/35

All: 556.986 $\pm$ 0.064 χ^2 /NDF: 4291365.5/68

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -491.493 $\pm$ 136.737 χ^2 /NDF:23.5/17

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 96.750 $\pm$ 141.985 χ^2 /NDF:26.6/15

Left: -208.445 $\pm$ 98.491 χ^2 /NDF: 59.0/33

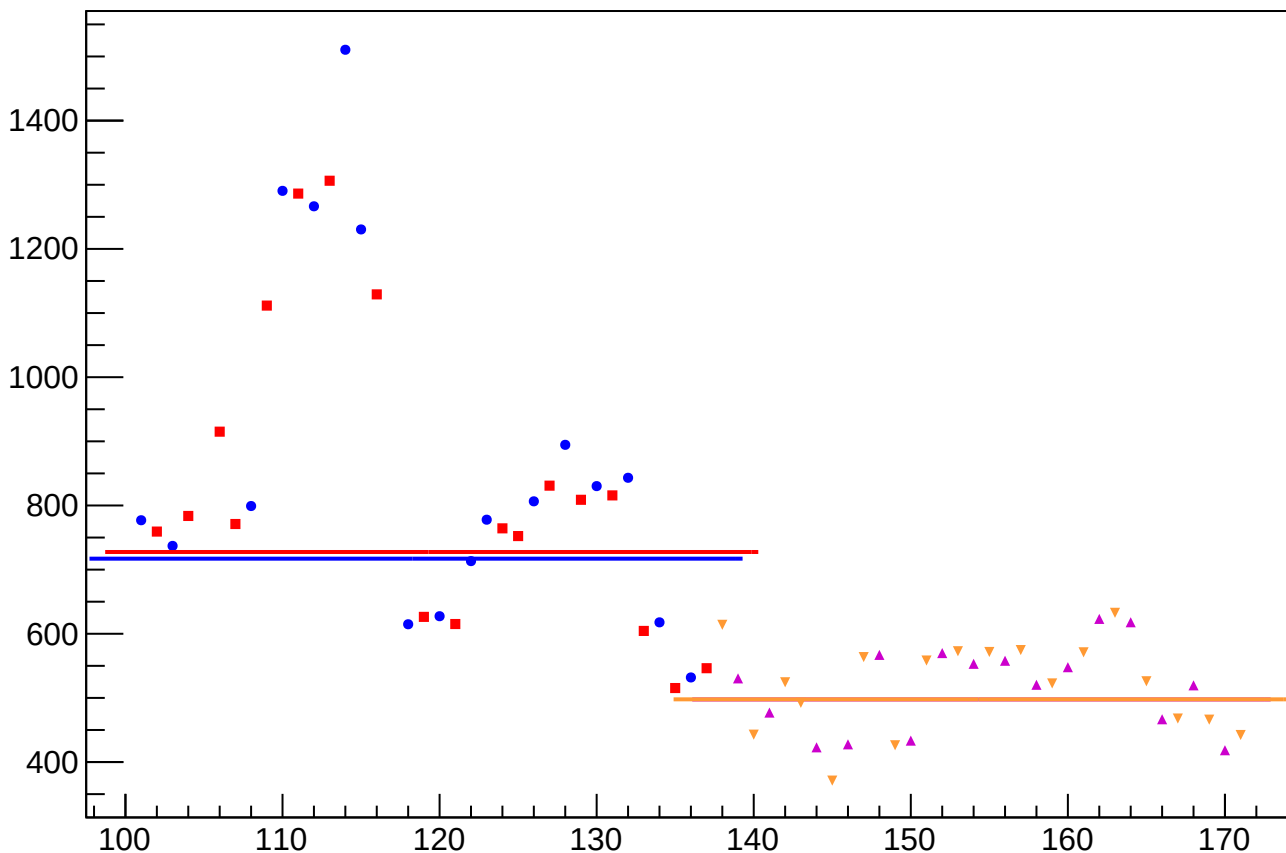
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 111.891 $\pm$ 127.147 χ^2 /NDF:44.7/32

Out: -343.892 $\pm$ 123.164 χ^2 /NDF:45.3/35

All: -123.252 $\pm$ 88.464 χ^2 /NDF: 96.7/68

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2/NDF : 782449.4/16

Left Out: 497.778 $\pm$ 0.097 χ^2/NDF : 567245.5/17

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 497.588 $\pm$ 0.100 χ^2/NDF : 413893.6/15

Left: 497.687 $\pm$ 0.070 χ^2/NDF : 981141.0/33

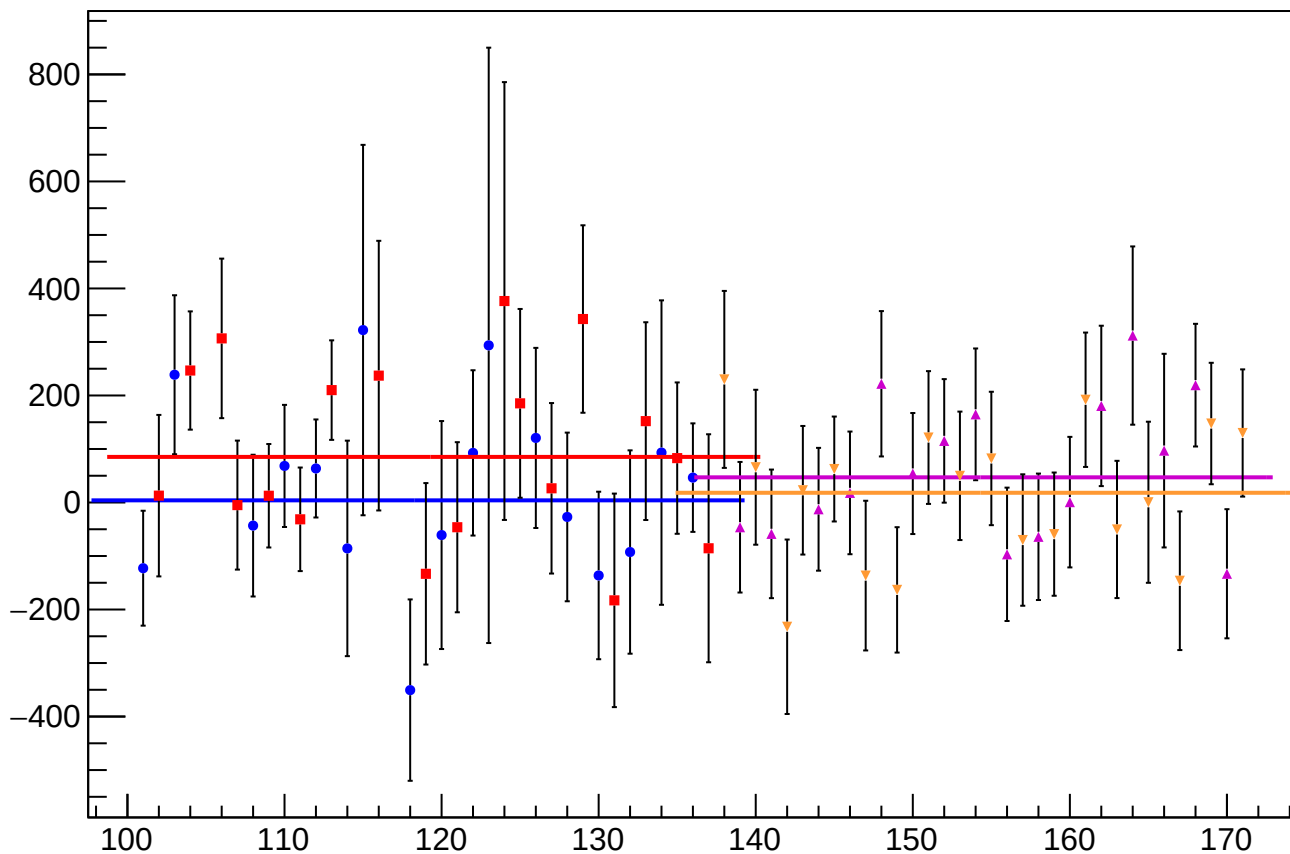
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 541.069 $\pm$ 0.090 χ^2/NDF : 2143157.8/32

Out: 541.119 $\pm$ 0.087 χ^2/NDF : 2513270.2/35

All: 541.095 $\pm$ 0.063 χ^2/NDF : 4656428.2/68

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2/NDF : 12.7/16

Left Out: 18.166 $\pm$ 29.669 χ^2/NDF : 15.9/17

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 47.031 $\pm$ 31.295 χ^2/NDF : 14.9/15

Left: 31.830 $\pm$ 21.531 χ^2/NDF : 31.3/33

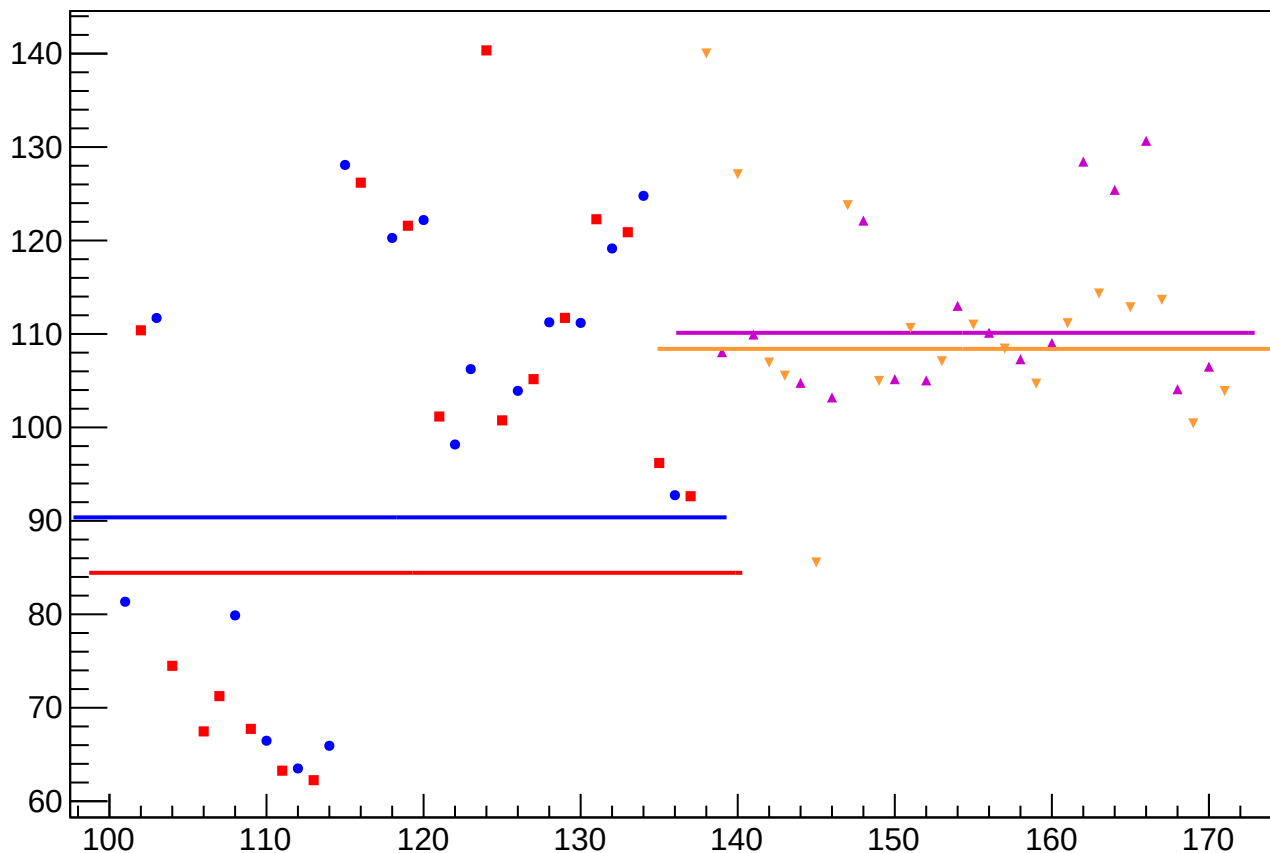
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 28.485 $\pm$ 23.604 χ^2/NDF : 28.4/32

Out: 47.721 $\pm$ 22.185 χ^2/NDF : 35.6/35

All: 38.699 $\pm$ 16.166 χ^2/NDF : 64.3/68

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.402 $\pm$ 0.021 χ^2 /NDF: 269111.4/17

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 110.121 $\pm$ 0.022 χ^2 /NDF: 117879.0/15

Left: 109.216 $\pm$ 0.015 χ^2 /NDF: 390167.5/33

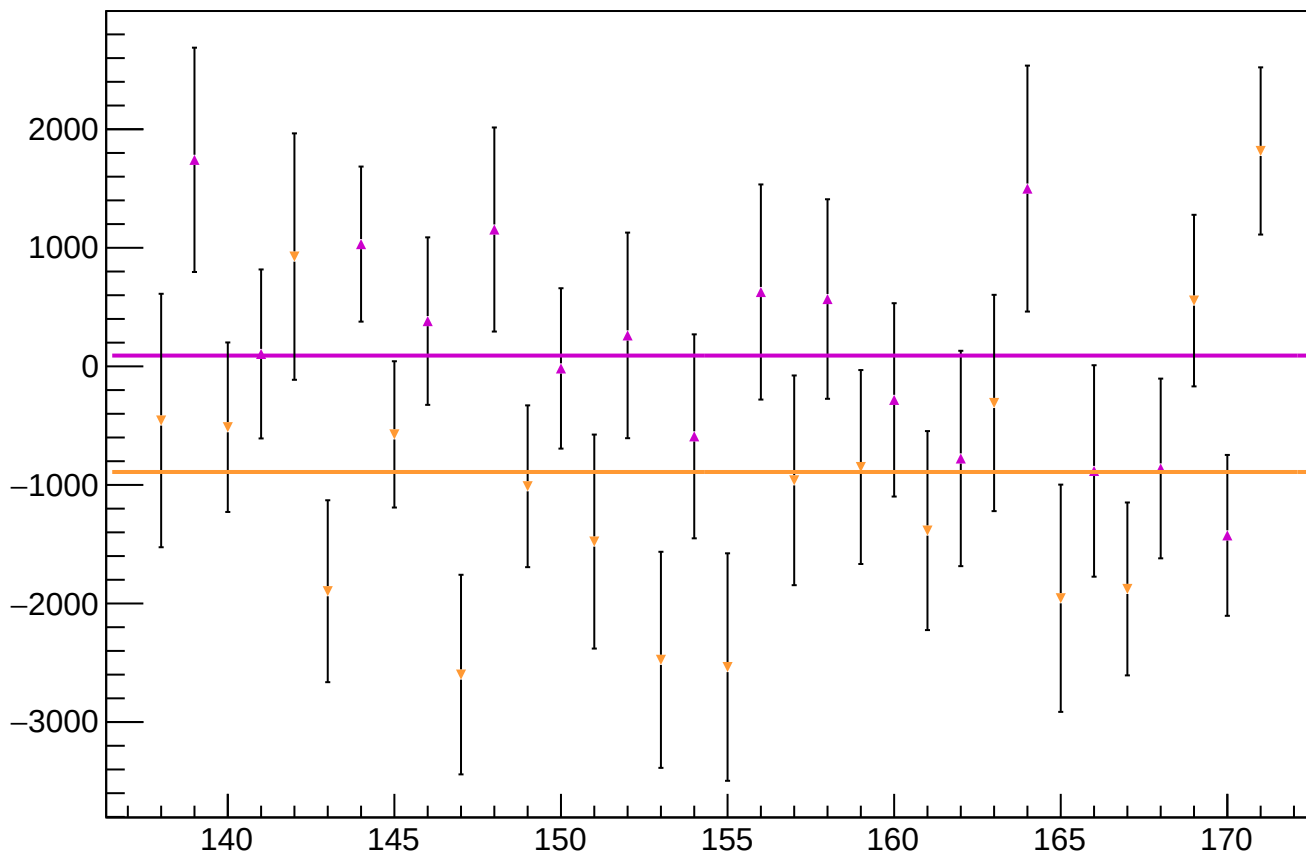
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 101.609 $\pm$ 0.017 χ^2 /NDF: 1115276.2/32

Out: 97.839 $\pm$ 0.016 χ^2 /NDF: 1715000.5/35

All: 99.607 $\pm$ 0.011 χ^2 /NDF: 2857358.9/68

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -890.844+/-190.876 χ^2/NDF :38.6/17

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

Left In: 91.044+/-199.646 χ^2/NDF :18.9/15

Left: -421.940+/-137.966 χ^2/NDF : 70.1/33

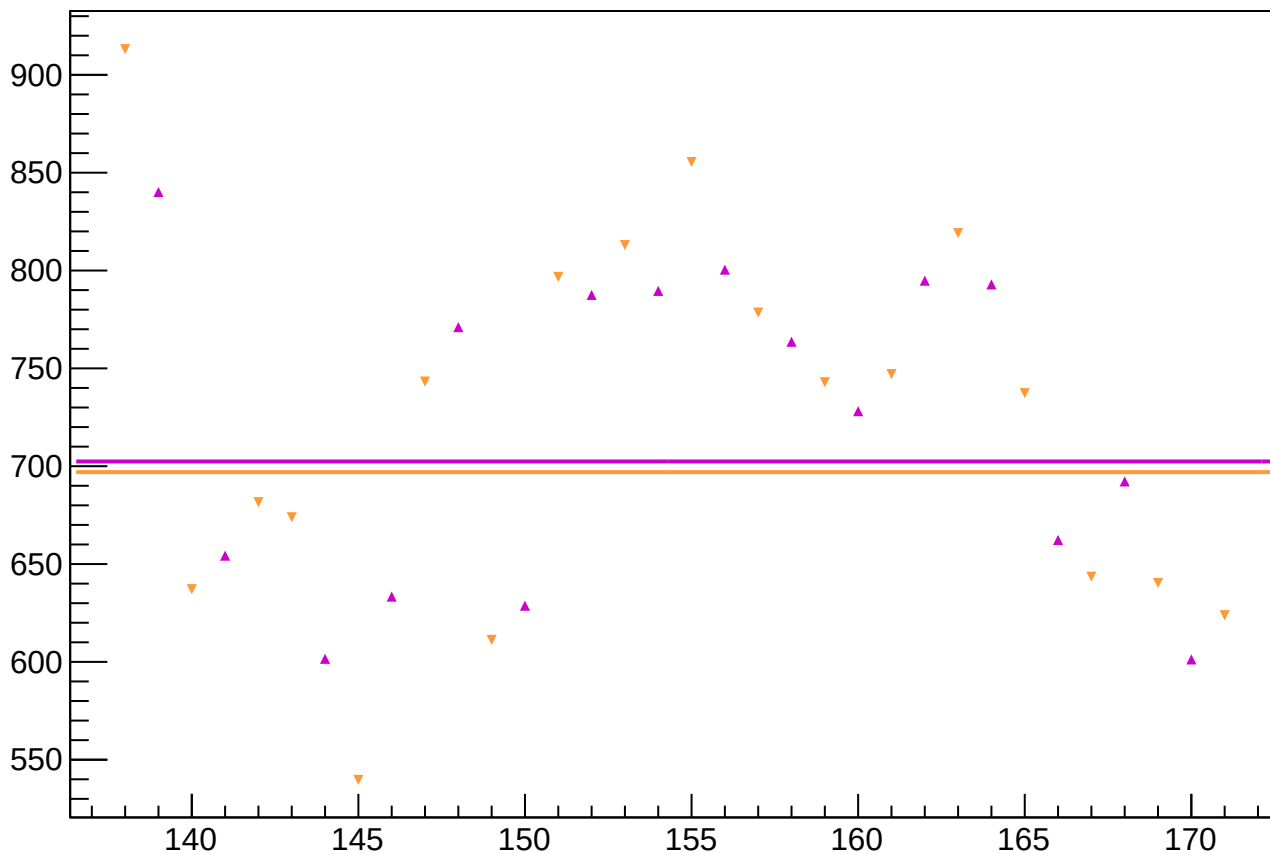
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 91.044+/-199.646 χ^2/NDF :18.9/15

Out: -890.844+/-190.876 χ^2/NDF :38.6/17

All: -421.940+/-137.966 χ^2/NDF : 70.1/33

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 696.971+/-0.135 χ^2/NDF : 491459.4/17

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

Left In: 702.427+/-0.141 χ^2/NDF : 315187.6/15

Left: 699.576+/-0.098 χ^2/NDF : 807427.2/33

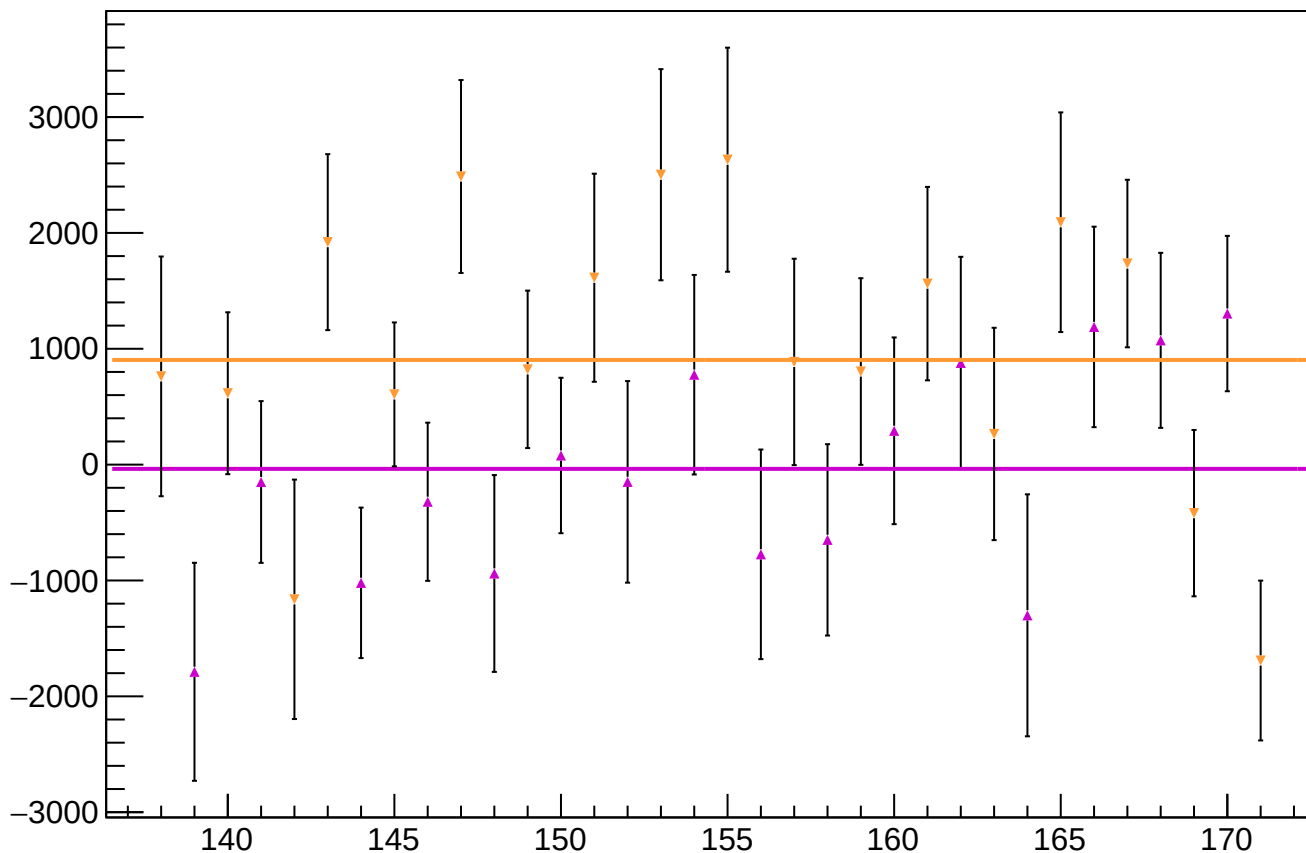
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.427+/-0.141 χ^2/NDF : 315187.6/15

Out: 696.971+/-0.135 χ^2/NDF : 491459.4/17

All: 699.576+/-0.098 χ^2/NDF : 807427.2/33

asym_sam_1548_avg_mean vs Slug, Sign Corrected



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

Left Out: 903.597+/-189.448 χ^2/NDF :38.3/17

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

Left In: -36.585+/-197.539 χ^2/NDF :20.0/15

Left: 453.155+/-136.731 χ^2/NDF : 70.1/33

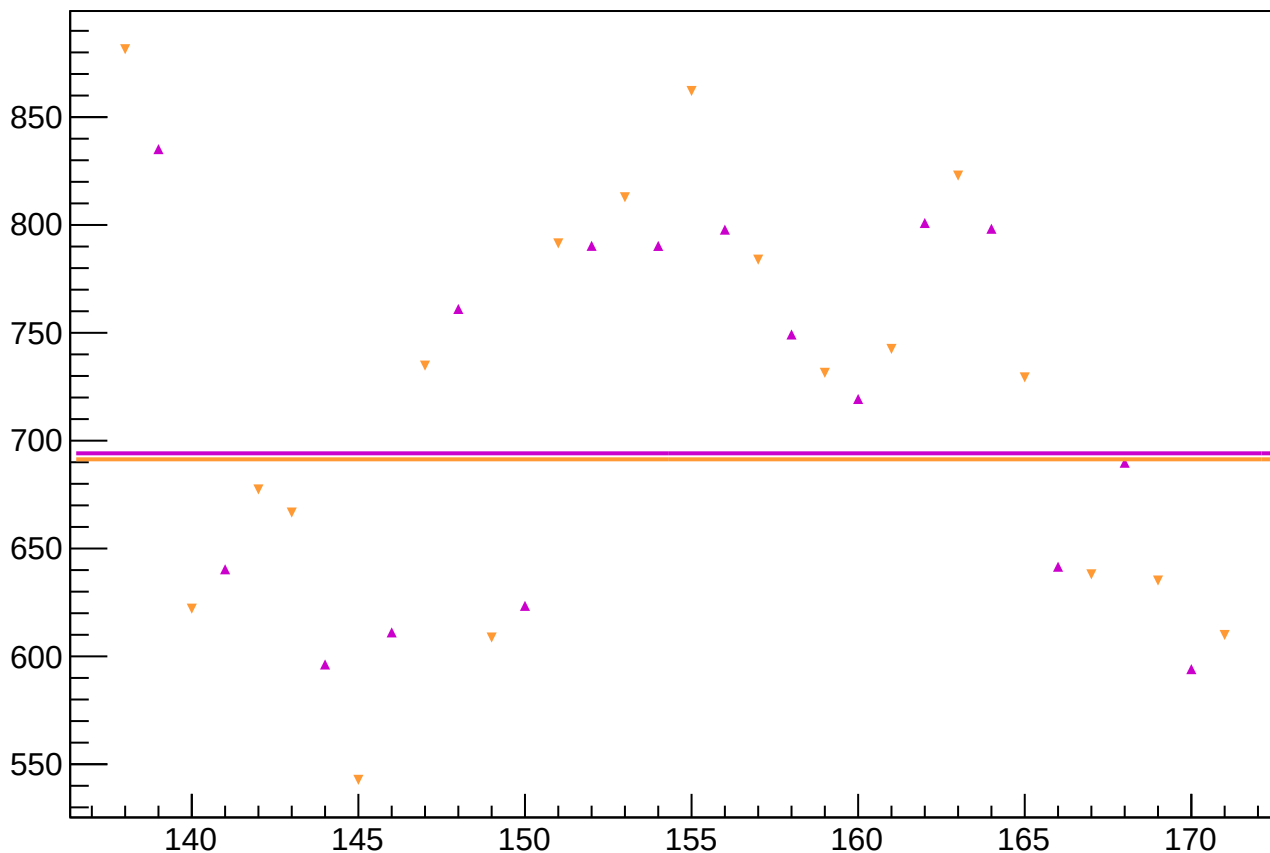
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.585+/-197.539 χ^2/NDF :20.0/15

Out: 903.597+/-189.448 χ^2/NDF :38.3/17

All: 453.155+/-136.731 χ^2/NDF : 70.1/33

asym_sam_1548_avg_rms vs Slug, Sign Corrected



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

Left Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

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

Left In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Left: 692.687+/-0.097 χ^2/NDF : 843673.5/33

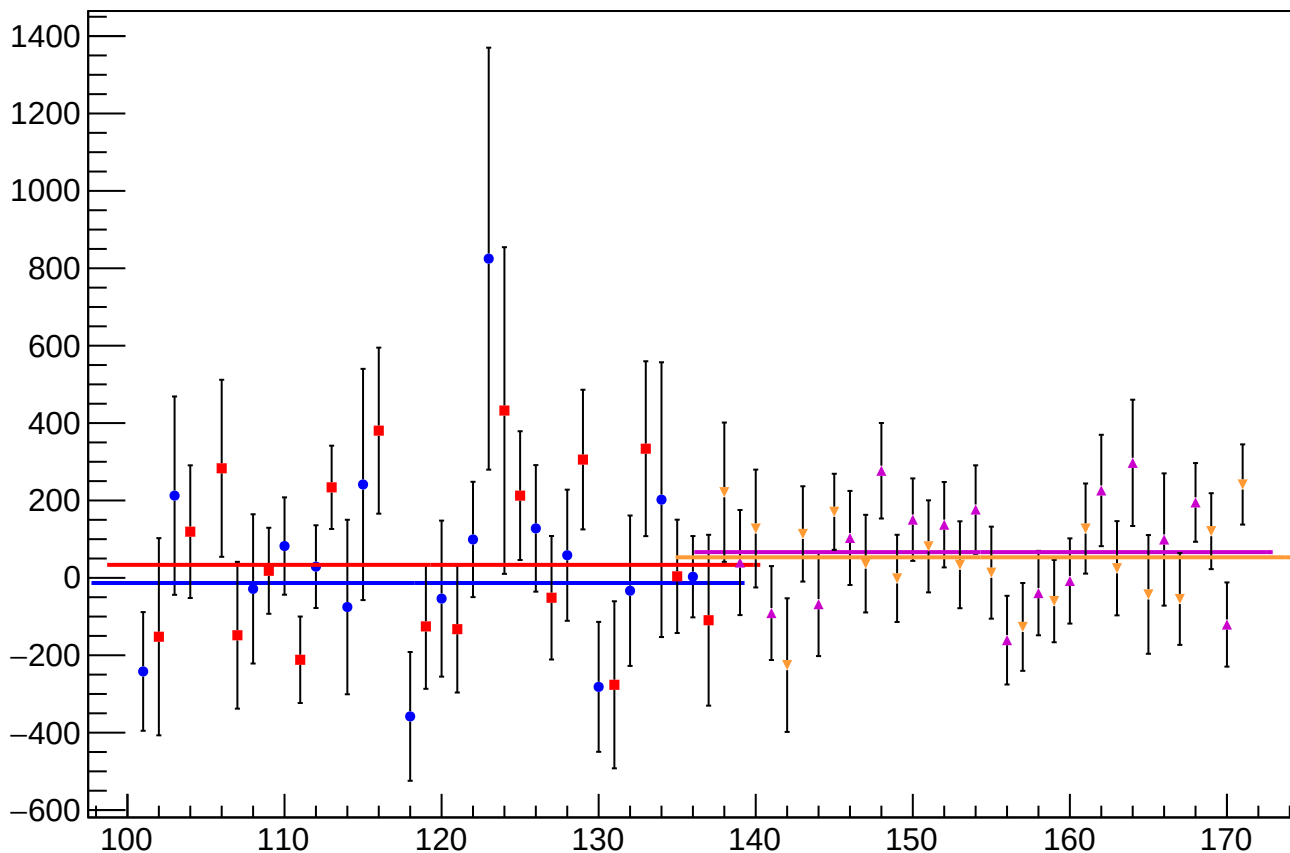
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 694.136+/-0.140 χ^2/NDF : 352046.4/15

Out: 691.354+/-0.134 χ^2/NDF : 491420.4/17

All: 692.687+/-0.097 χ^2/NDF : 843673.5/33

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 53.132 ± 28.206 χ^2/NDF : 14.9/17

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 66.531 ± 30.126 χ^2/NDF : 20.8/15

Left: 59.391 ± 20.590 χ^2/NDF : 35.9/33

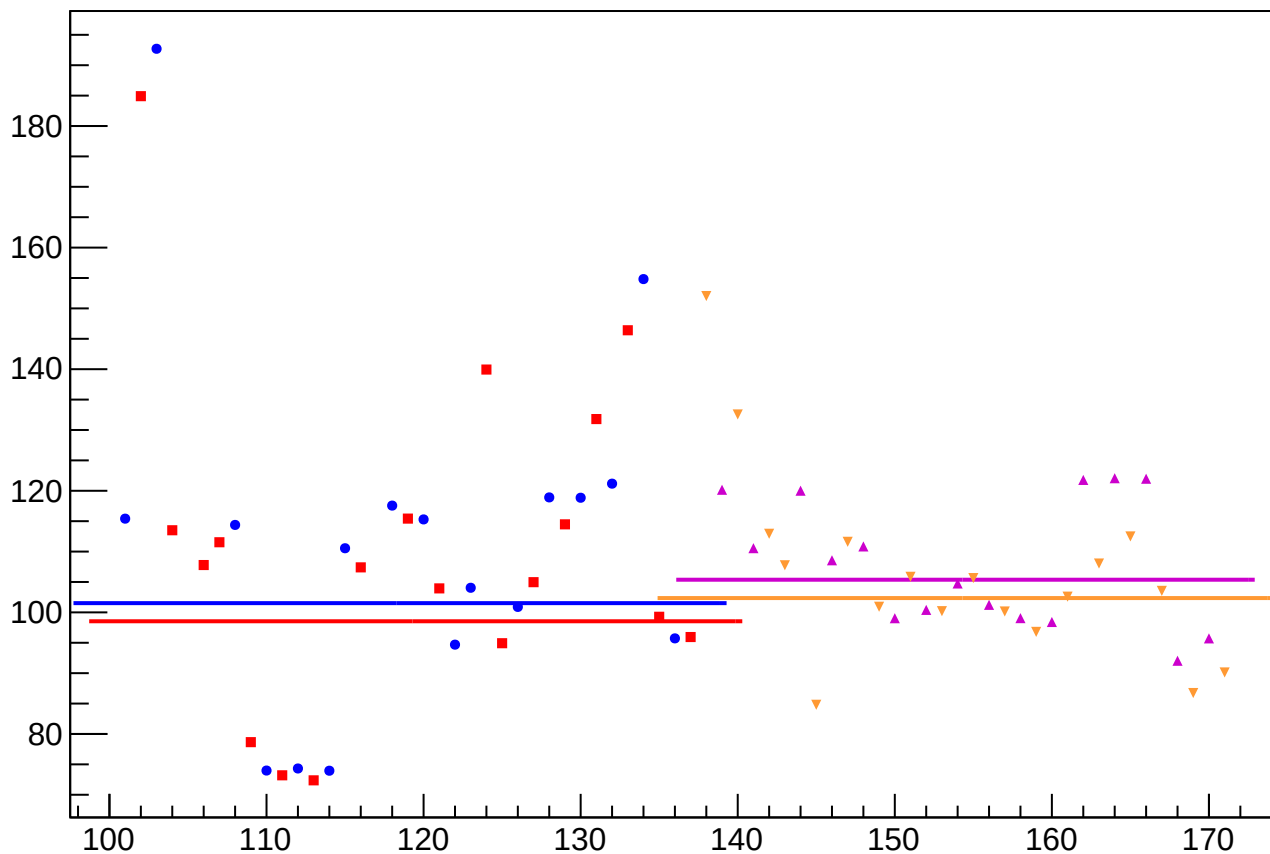
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 38.173 ± 24.183 χ^2/NDF : 39.0/32

Out: 46.413 ± 22.833 χ^2/NDF : 39.8/35

All: 42.529 ± 16.602 χ^2/NDF : 78.9/68

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.353 $\pm$ 0.020 χ^2 /NDF: 419397.7/17

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 105.371 $\pm$ 0.021 χ^2 /NDF: 200969.4/15

Left: 103.763 $\pm$ 0.015 χ^2 /NDF: 631060.4/33

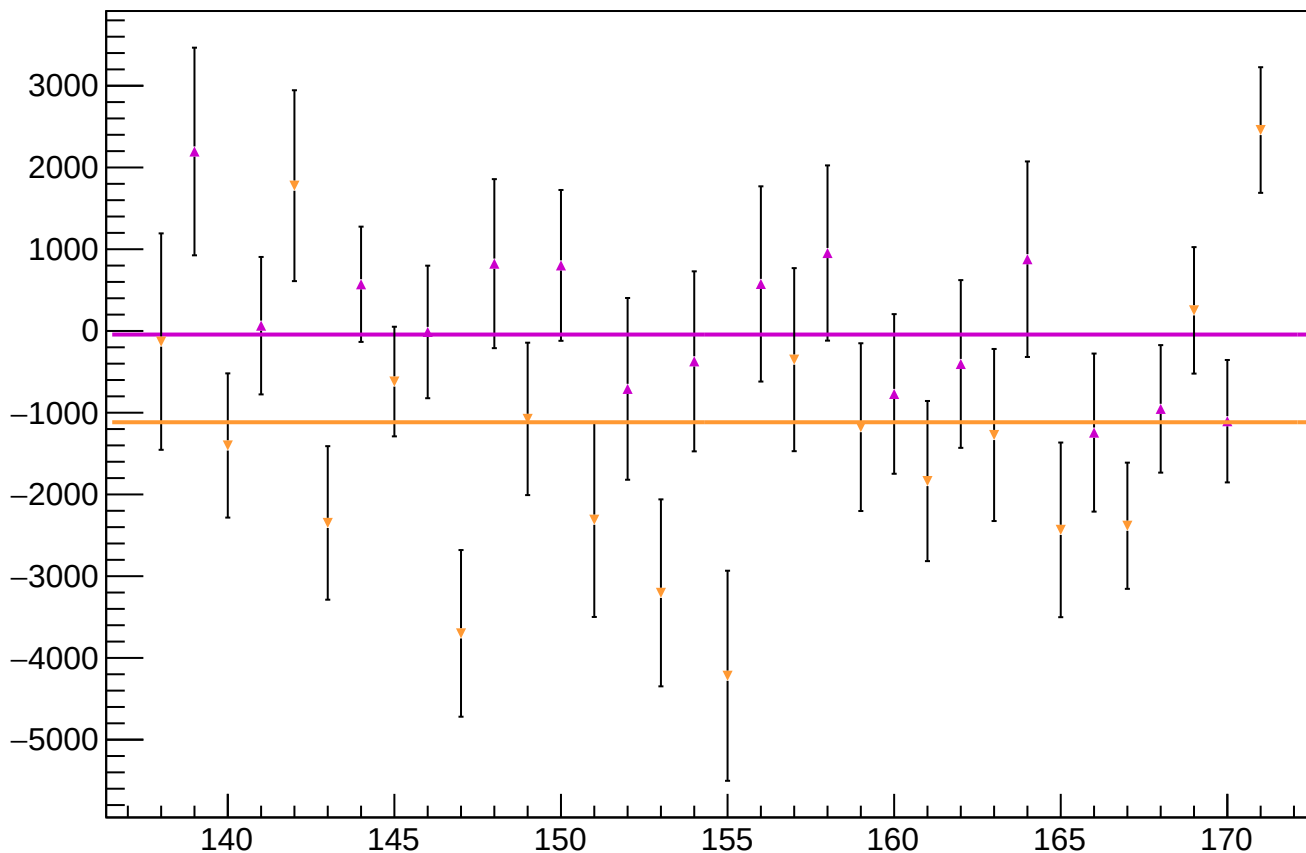
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.001 $\pm$ 0.017 χ^2 /NDF: 894310.5/32

Out: 101.038 $\pm$ 0.016 χ^2 /NDF: 1179001.0/35

All: 102.434 $\pm$ 0.012 χ^2 /NDF: 2089189.8/68

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

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

Left In: -43.850+/-235.202 χ^2/NDF :13.2/15

Left: -603.927+/-162.604 χ^2/NDF : 79.7/33

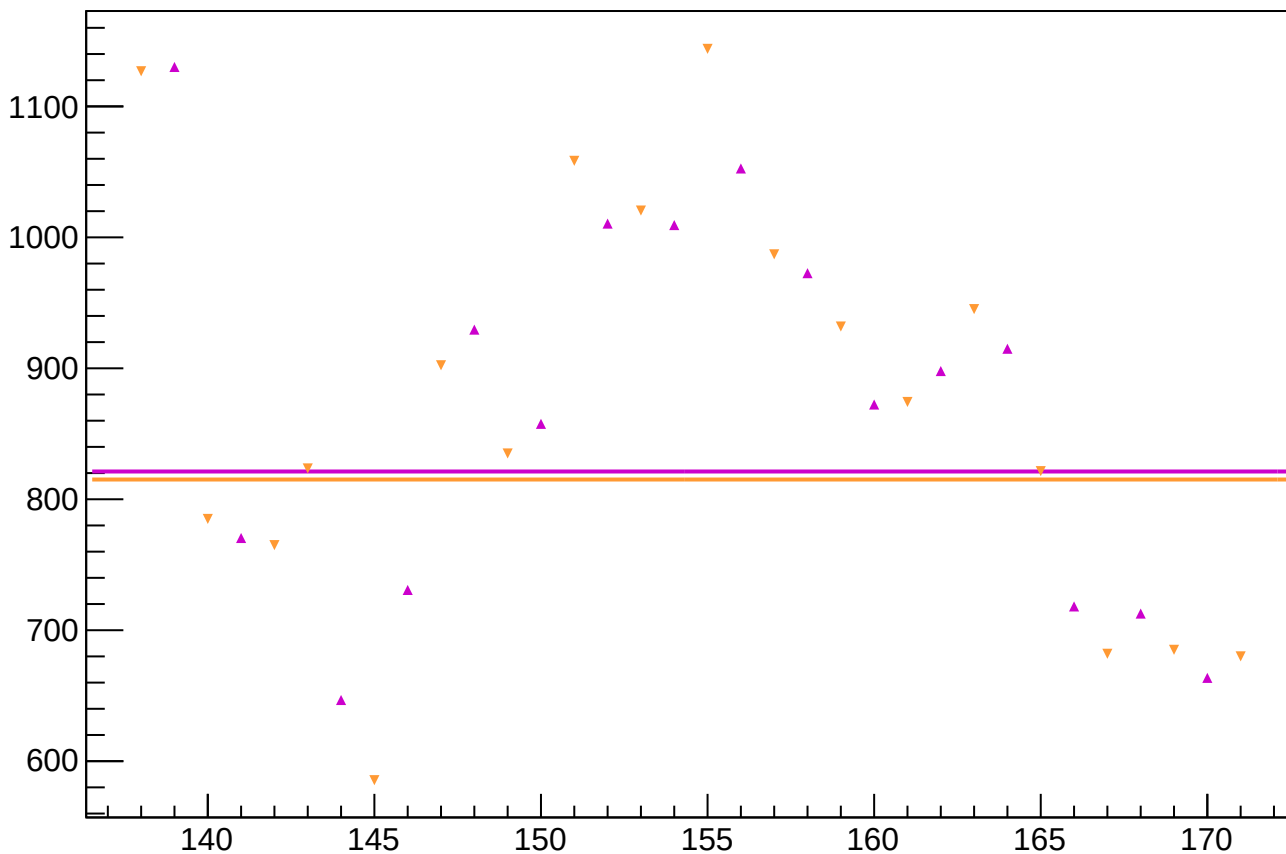
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.850+/-235.202 χ^2/NDF :13.2/15

Out: -1116.685+/-225.047 χ^2/NDF :55.7/17

All: -603.927+/-162.604 χ^2/NDF : 79.7/33

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

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

Left In: 821.211+/-0.166 χ^2/NDF :708392.6/15

Left: 818.012+/-0.115 χ^2/NDF : 1644058.0/33

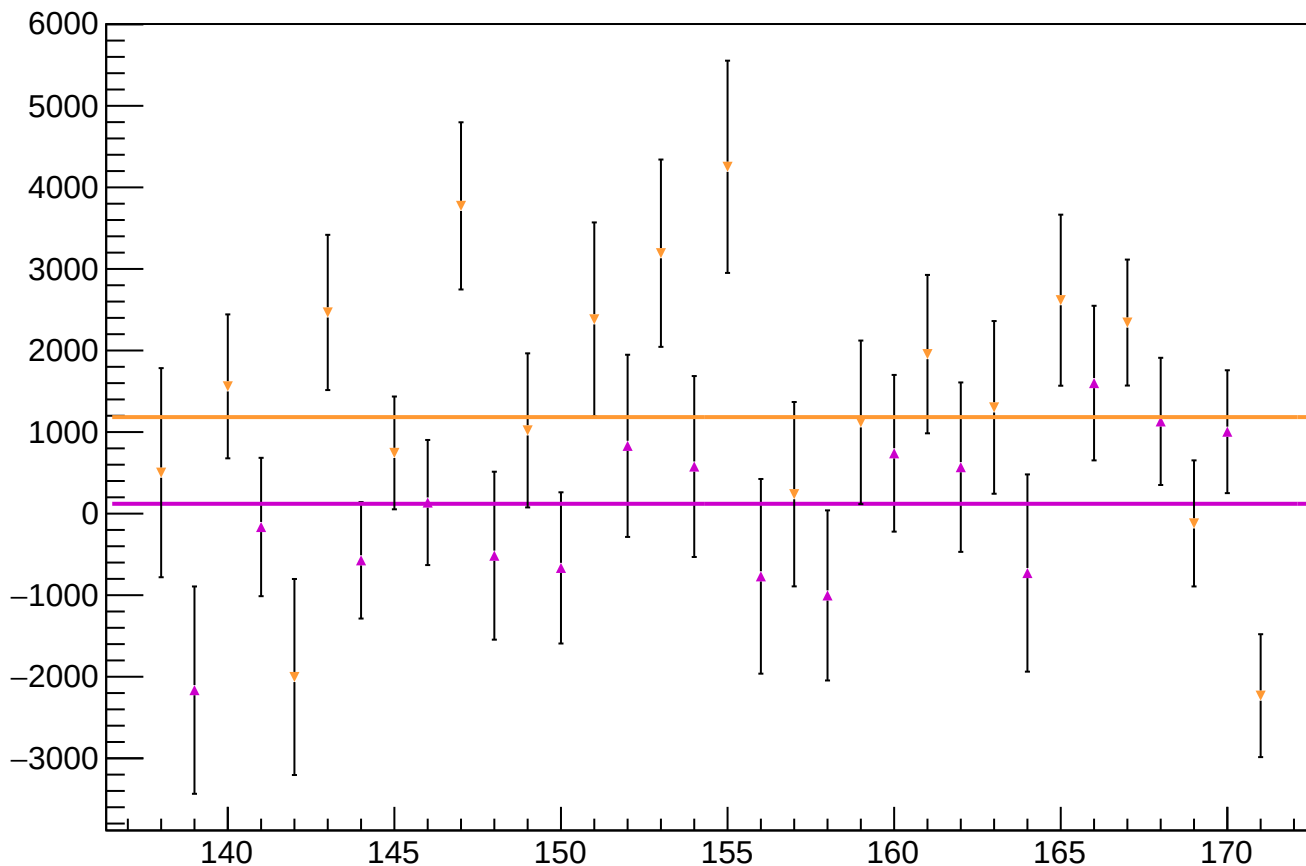
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 821.211+/-0.166 χ^2/NDF :708392.6/15

Out: 815.085+/-0.159 χ^2/NDF :934957.1/17

All: 818.012+/-0.115 χ^2/NDF : 1644058.0/33

asym_sam_3748_avg_mean vs Slug, Sign Corrected



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

Left Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

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

Left In: 120.558+/-234.224 χ^2/NDF :14.3/15

Left: 672.111+/-162.457 χ^2/NDF : 79.6/33

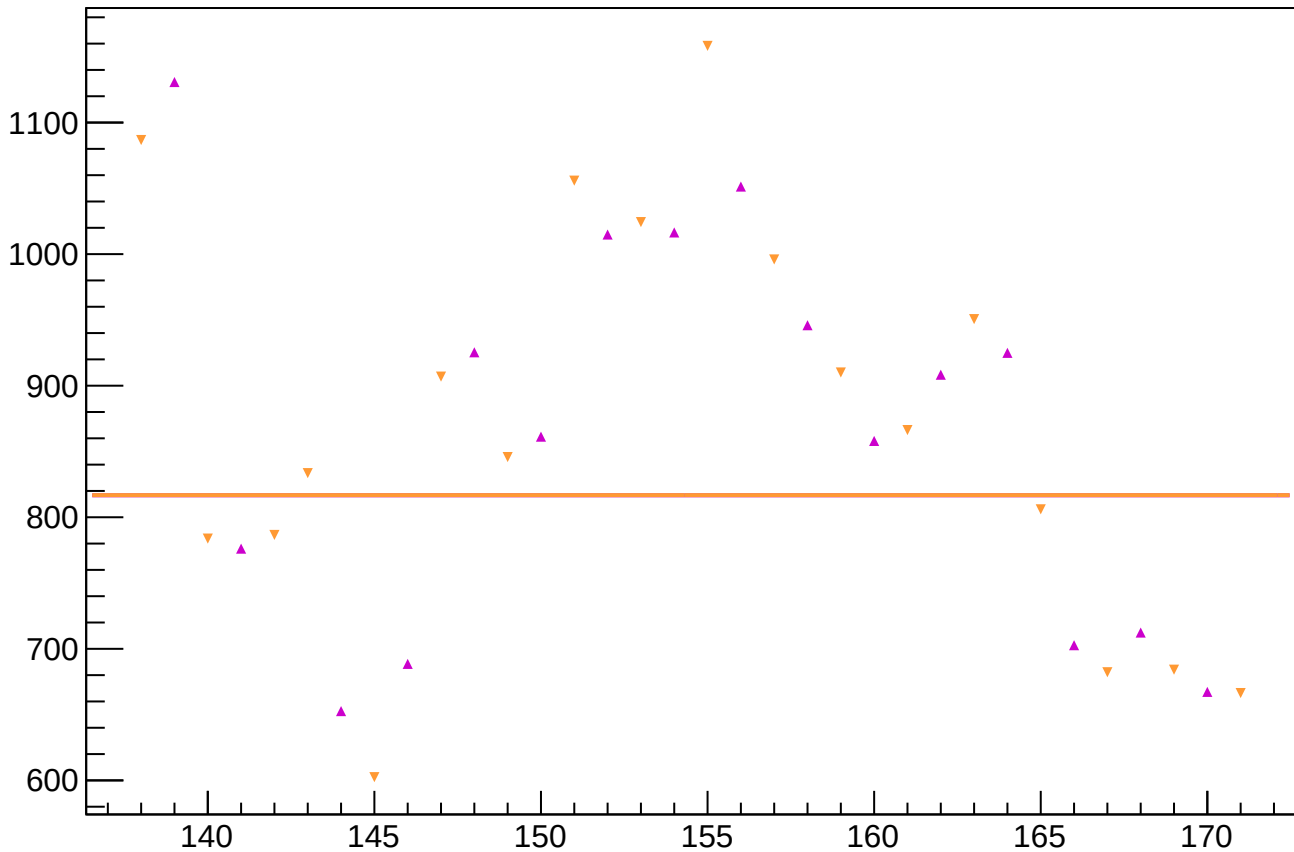
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 120.558+/-234.224 χ^2/NDF :14.3/15

Out: 1183.431+/-225.520 χ^2/NDF :54.6/17

All: 672.111+/-162.457 χ^2/NDF : 79.6/33

asym_sam_3748_avg_rms vs Slug, Sign Corrected



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

Left Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

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

Left In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Left: 816.747+/-0.115 χ^2/NDF : 1620697.7/33

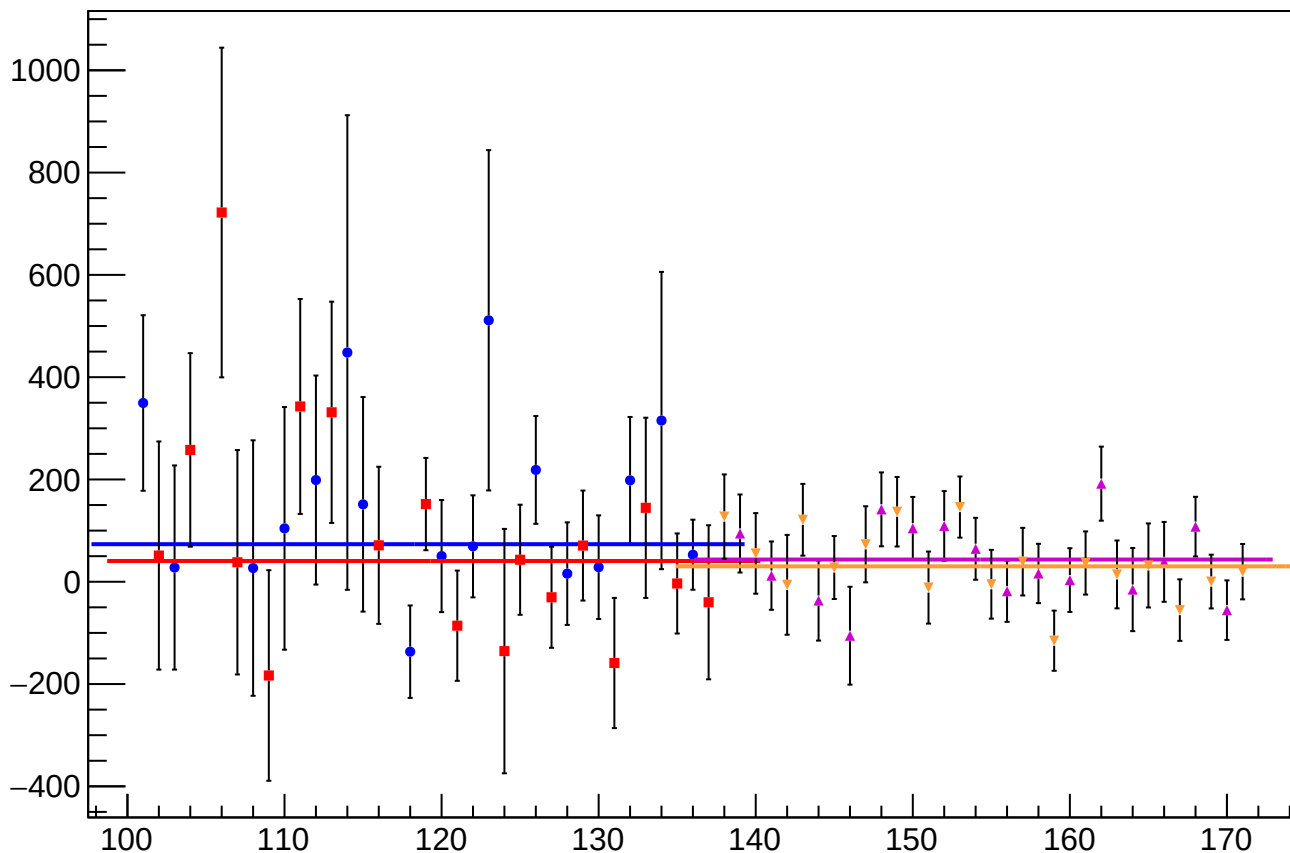
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 816.684+/-0.166 χ^2/NDF : 729594.2/15

Out: 816.805+/-0.159 χ^2/NDF : 891103.2/17

All: 816.747+/-0.115 χ^2/NDF : 1620697.7/33

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 30.176 $\pm$ 15.590 χ^2 /NDF:19.1/17

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 43.440 $\pm$ 16.799 χ^2 /NDF:18.6/15

Left: 36.314 $\pm$ 11.427 χ^2 /NDF: 38.0/33

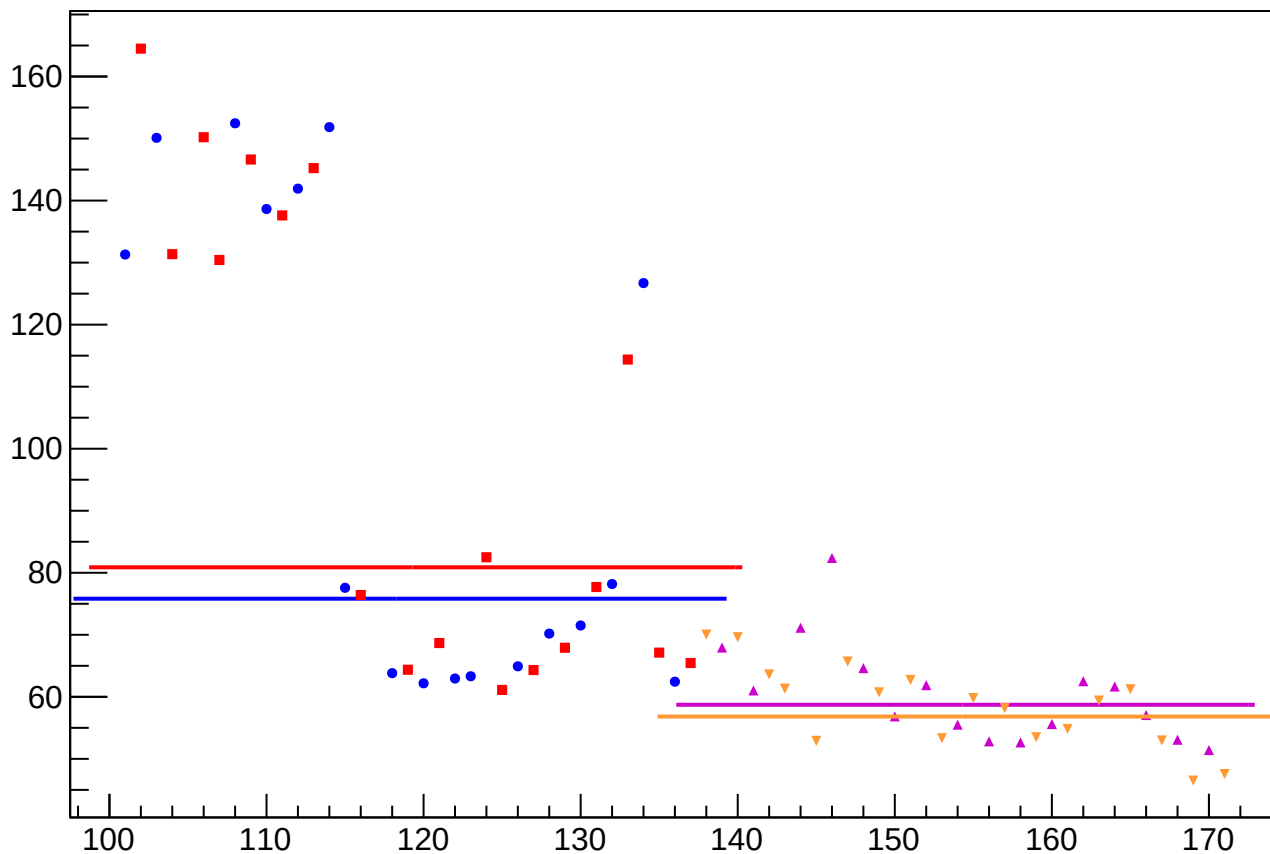
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 50.231 $\pm$ 14.776 χ^2 /NDF:34.6/32

Out: 32.101 $\pm$ 14.076 χ^2 /NDF:37.4/35

All: 40.726 $\pm$ 10.192 χ^2 /NDF: 72.7/68

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 56.823 $\pm$ 0.011 χ^2 /NDF: 351844.5/17

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 58.720 $\pm$ 0.012 χ^2 /NDF: 334937.6/15

Left: 57.701 $\pm$ 0.008 χ^2 /NDF: 700478.3/33

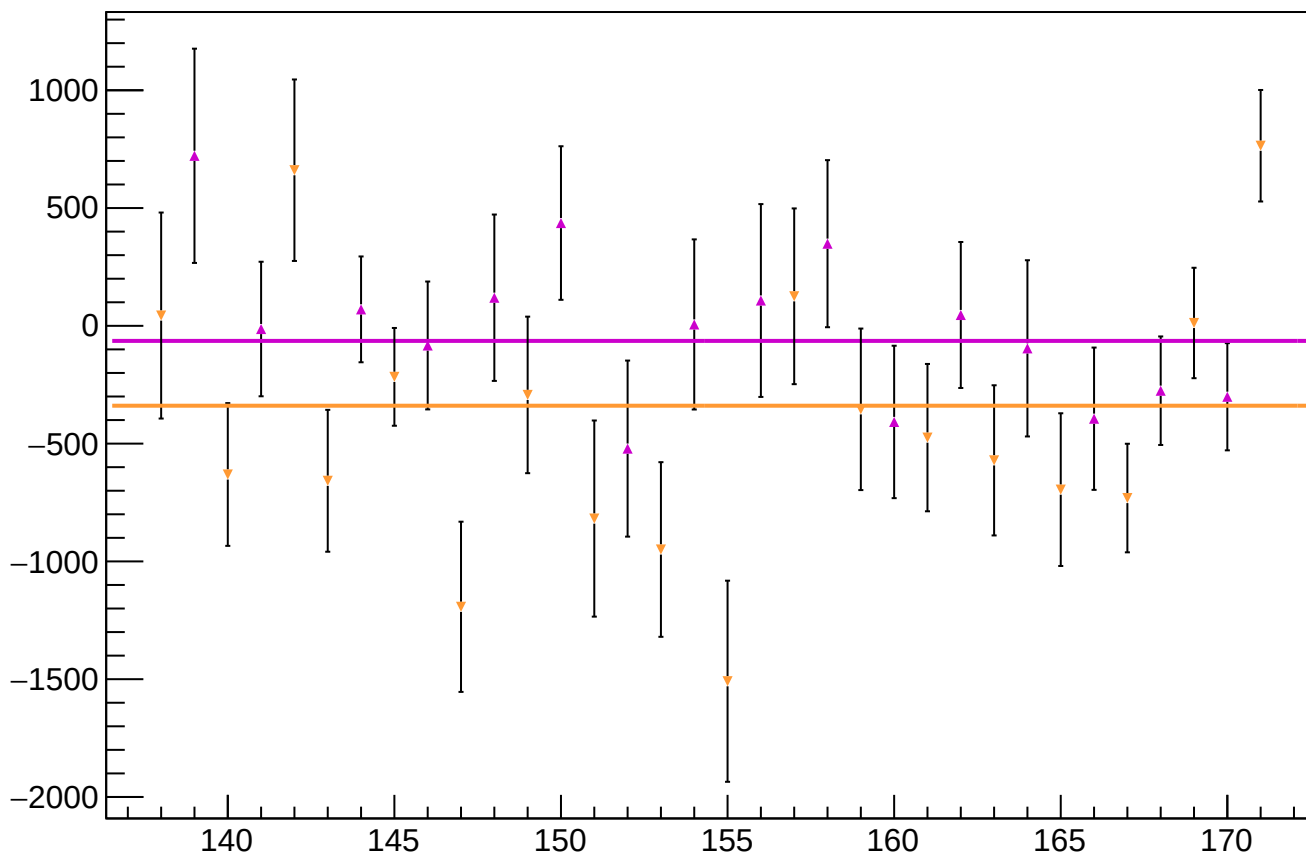
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 62.590 $\pm$ 0.010 χ^2 /NDF: 2153890.4/32

Out: 61.269 $\pm$ 0.010 χ^2 /NDF: 2758002.3/35

All: 61.897 $\pm$ 0.007 χ^2 /NDF: 4920273.3/68

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -339.078+/-72.068 χ^2/NDF :57.4/17

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

Left In: -63.954+/-76.045 χ^2/NDF :13.5/15

Left: -208.897+/-52.309 χ^2/NDF : 77.8/33

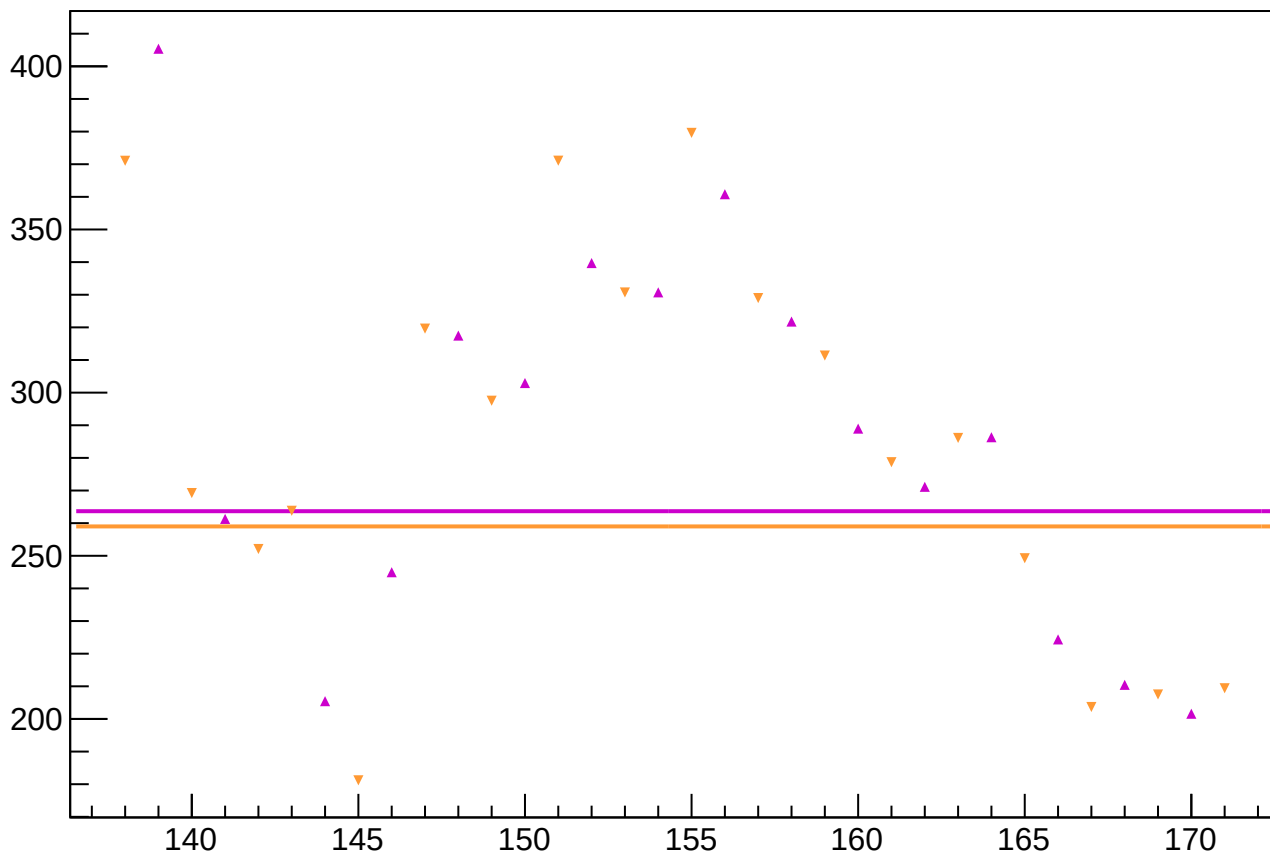
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.954+/-76.045 χ^2/NDF :13.5/15

Out: -339.078+/-72.068 χ^2/NDF :57.4/17

All: -208.897+/-52.309 χ^2/NDF : 77.8/33

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

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

Left In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Left: 261.206+/-0.037 χ^2/NDF : 2365644.5/33

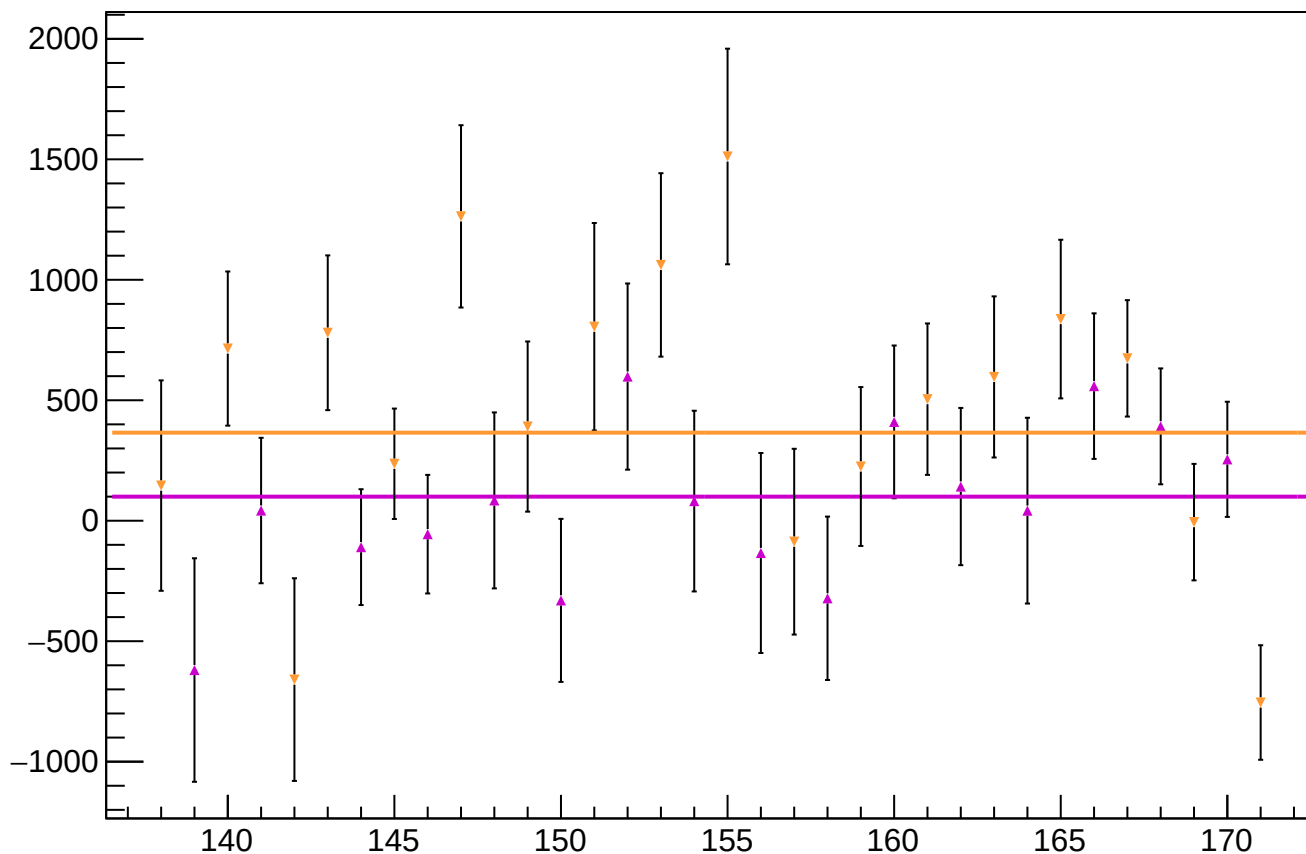
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 263.665+/-0.054 χ^2/NDF :1042123.0/15

Out: 258.998+/-0.051 χ^2/NDF :1319553.3/17

All: 261.206+/-0.037 χ^2/NDF : 2365644.5/33

asym_sam_1526_avg_mean vs Slug, Sign Corrected



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

Left Out: 365.526+/-74.978 χ^2/NDF :56.4/17

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

Left In: 99.957+/-77.657 χ^2/NDF :14.0/15

Left: 237.400+/-53.940 χ^2/NDF : 76.4/33

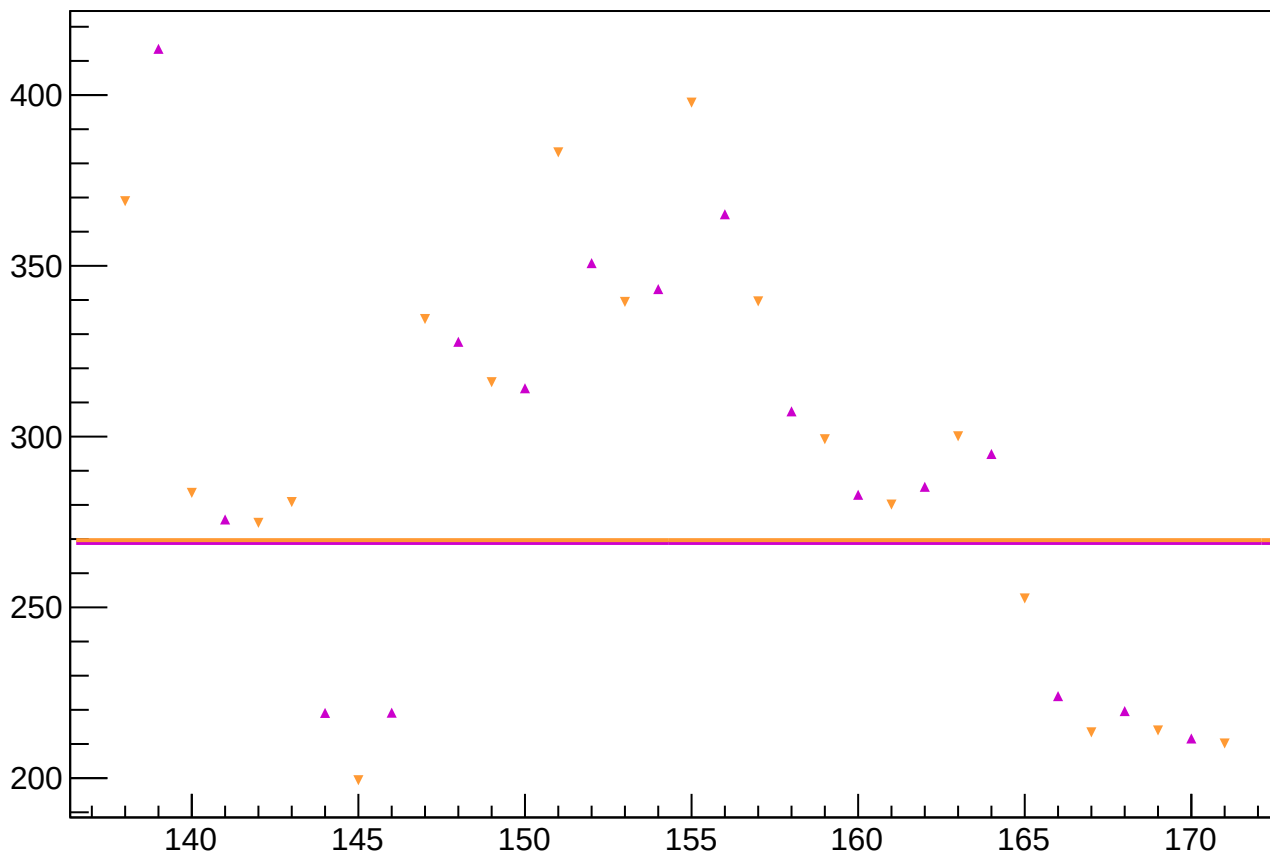
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 99.957+/-77.657 χ^2/NDF :14.0/15

Out: 365.526+/-74.978 χ^2/NDF :56.4/17

All: 237.400+/-53.940 χ^2/NDF : 76.4/33

asym_sam_1526_avg_rms vs Slug, Sign Corrected



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

Left Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

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

Left In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Left: 269.289+/-0.038 χ^2/NDF : 2220874.6/33

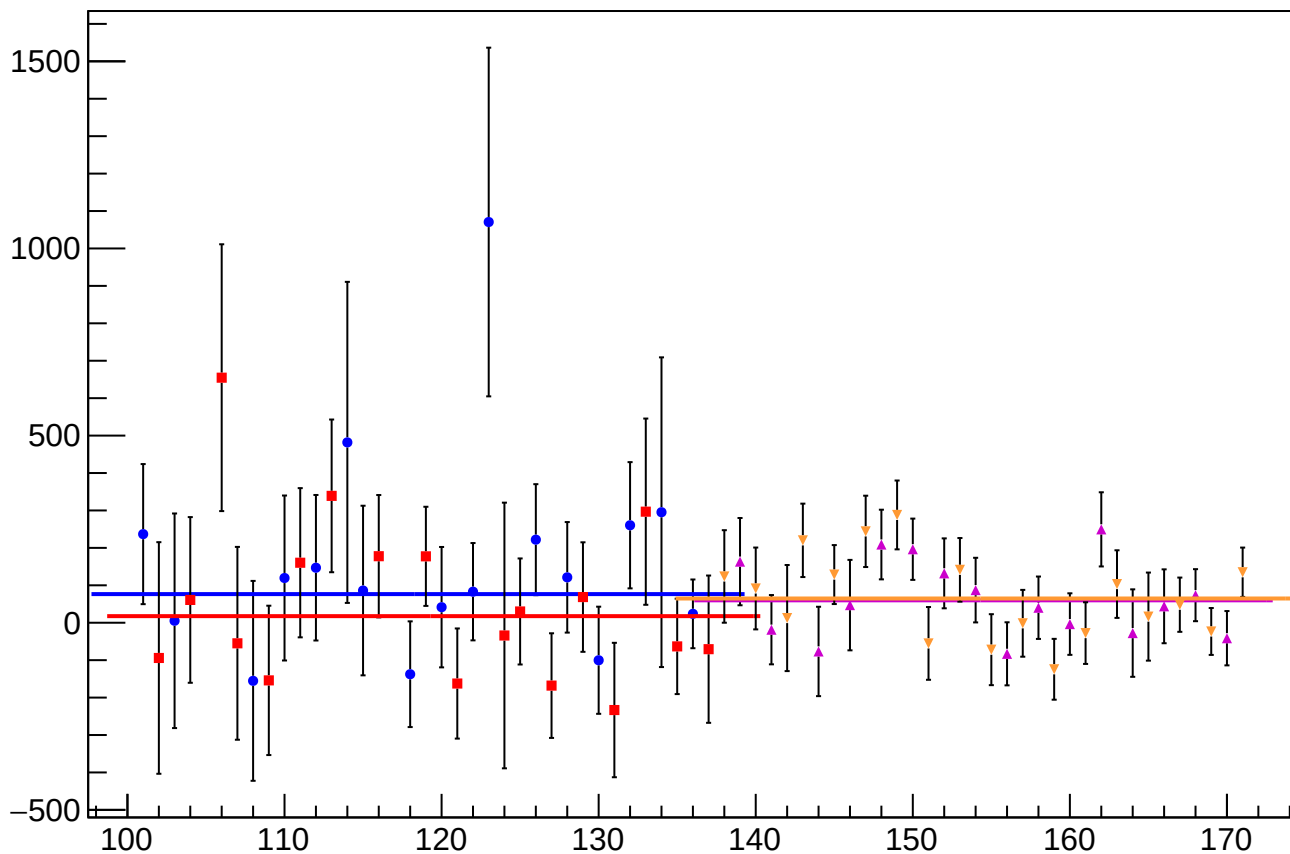
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 268.866+/-0.055 χ^2/NDF :1013534.5/15

Out: 269.684+/-0.053 χ^2/NDF :1207225.1/17

All: 269.289+/-0.038 χ^2/NDF : 2220874.6/33

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 64.758 $\pm$ 20.662 χ^2 /NDF:28.2/17

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 59.878 $\pm$ 22.647 χ^2 /NDF:18.6/15

Left: 62.542 $\pm$ 15.264 χ^2 /NDF: 46.8/33

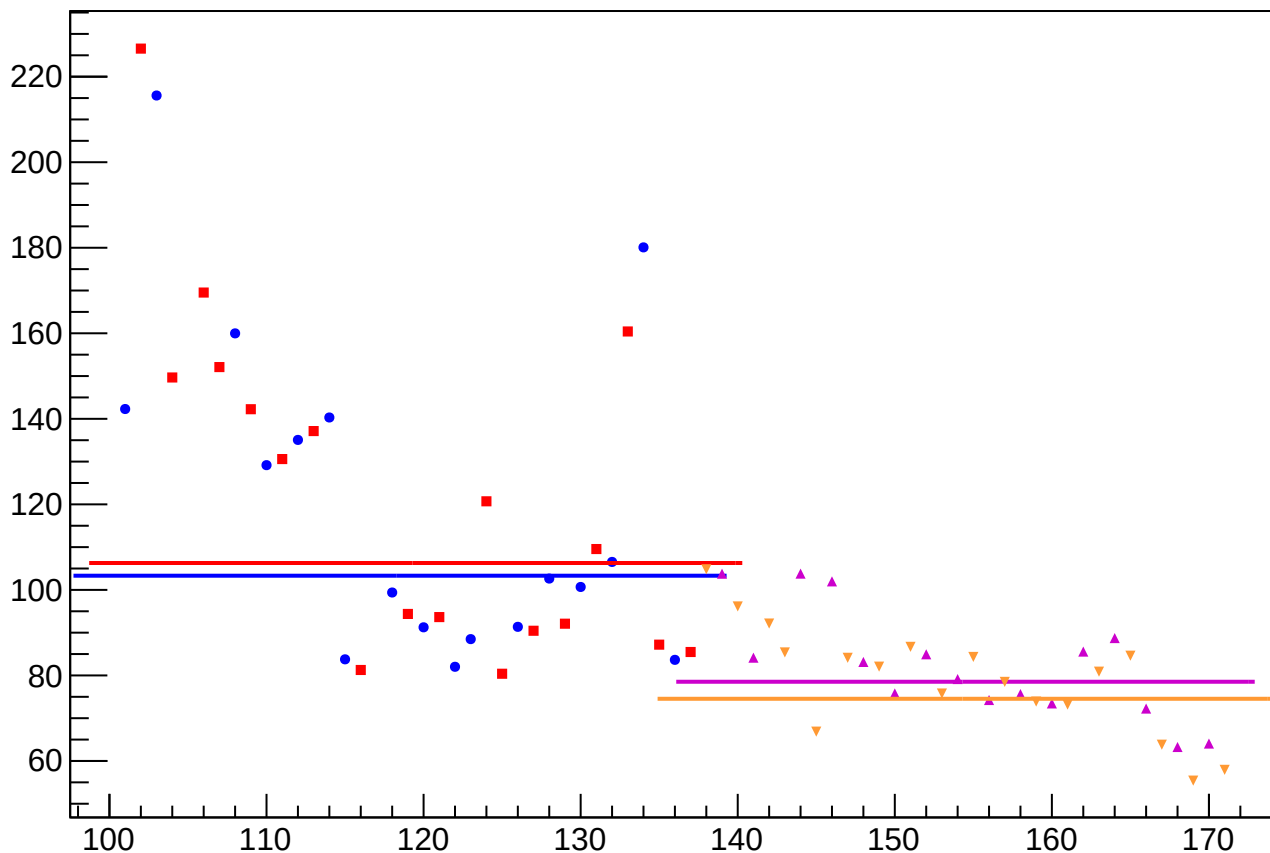
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 63.685 $\pm$ 19.886 χ^2 /NDF:32.6/32

Out: 55.674 $\pm$ 18.565 χ^2 /NDF:46.0/35

All: 59.405 $\pm$ 13.571 χ^2 /NDF: 78.7/68

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.541 $\pm$ 0.015 χ^2 /NDF: 745407.1/17

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 78.523 $\pm$ 0.016 χ^2 /NDF: 507470.6/15

Left: 76.350 $\pm$ 0.011 χ^2 /NDF: 1286624.5/33

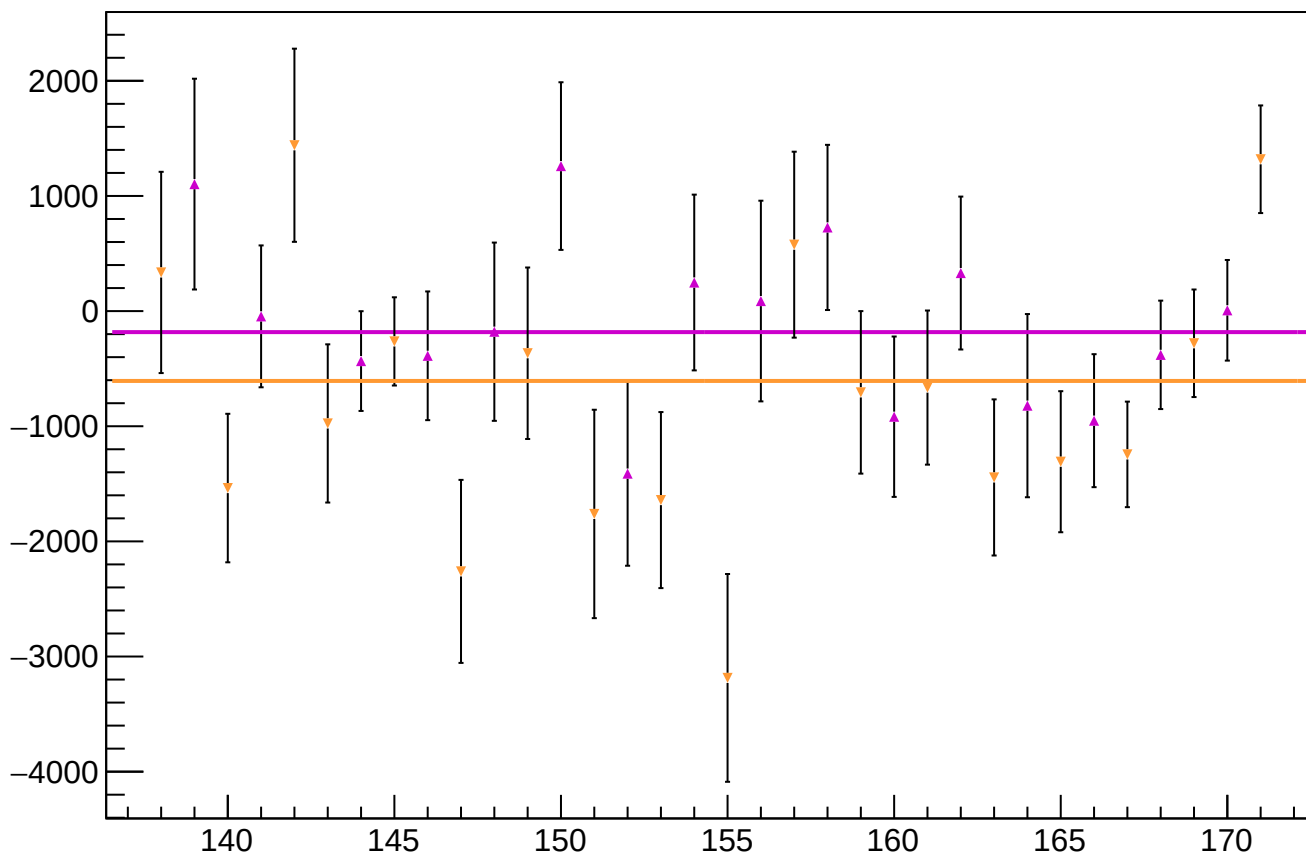
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 84.201 $\pm$ 0.014 χ^2 /NDF: 1894189.1/32

Out: 80.658 $\pm$ 0.013 χ^2 /NDF: 2655791.2/35

All: 82.308 $\pm$ 0.010 χ^2 /NDF: 4583902.6/68

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: -606.608 $\pm$ 147.199 χ^2 /NDF:50.8/17

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

Left In: -182.514 $\pm$ 155.960 χ^2 /NDF:15.3/15

Left: -406.808 $\pm$ 107.049 χ^2 /NDF: 70.0/33

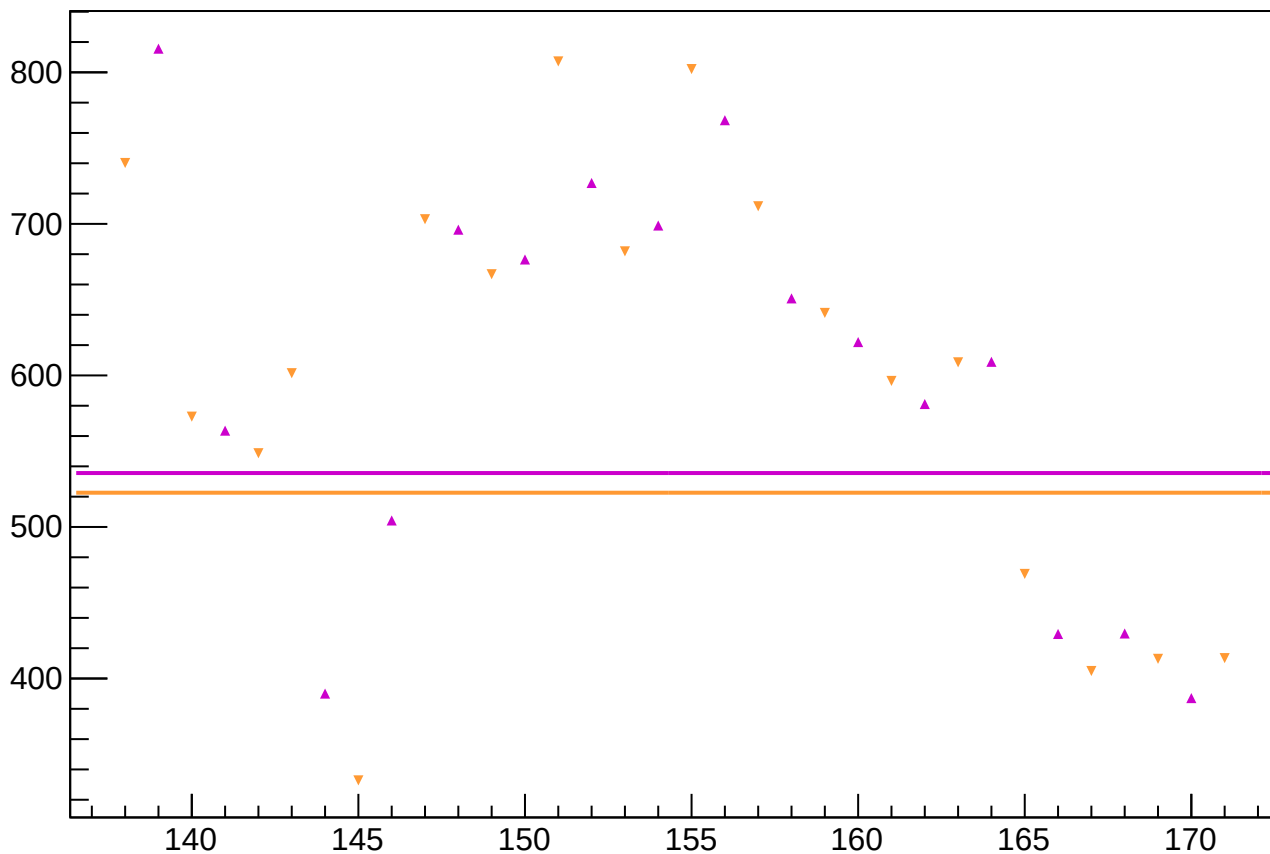
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -182.514 $\pm$ 155.960 χ^2 /NDF:15.3/15

Out: -606.608 $\pm$ 147.199 χ^2 /NDF:50.8/17

All: -406.808 $\pm$ 107.049 χ^2 /NDF: 70.0/33

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

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

Left In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Left: 528.721+/-0.076 χ^2/NDF : 3348260.6/33

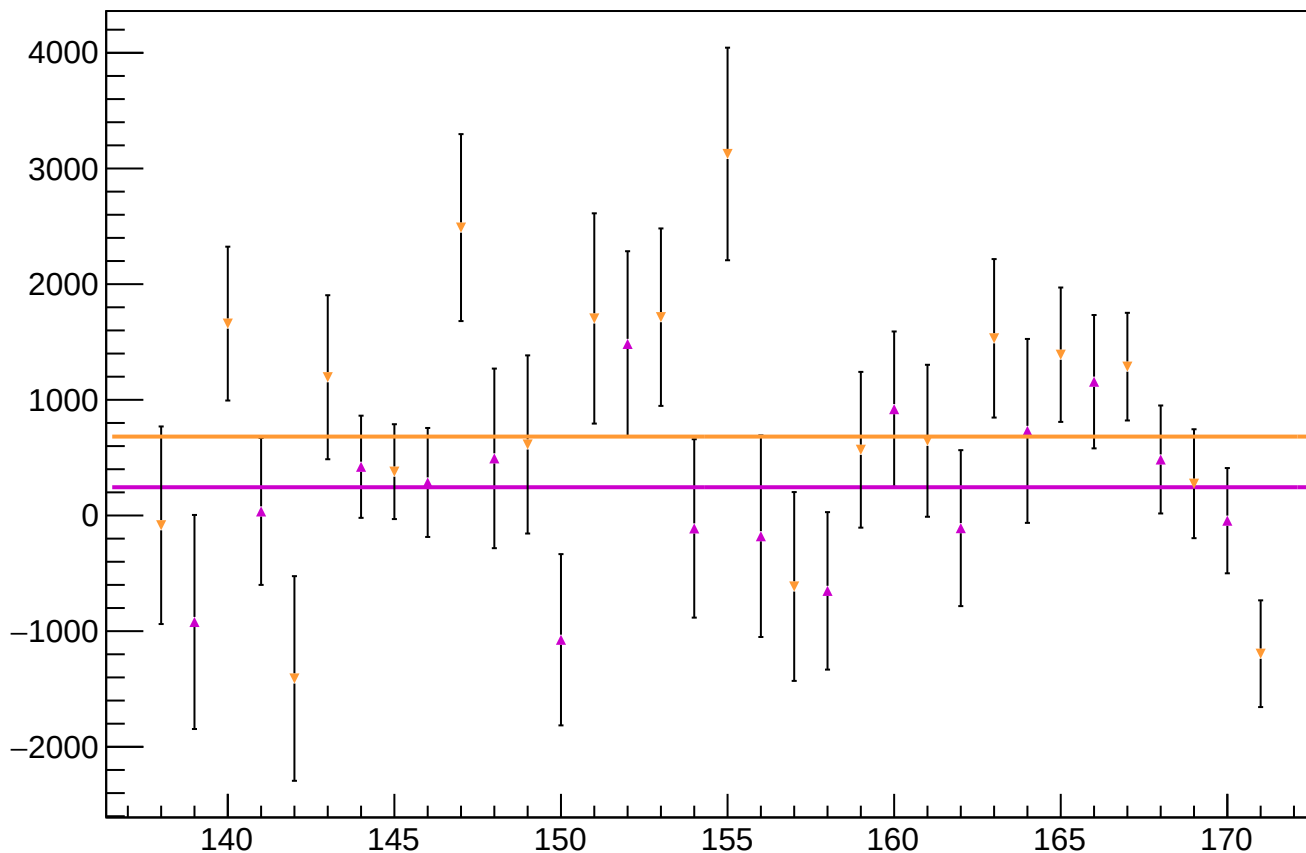
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 535.584+/-0.110 χ^2/NDF :1441868.7/15

Out: 522.607+/-0.104 χ^2/NDF :1899069.4/17

All: 528.721+/-0.076 χ^2/NDF : 3348260.6/33

asym_sam_3726_avg_mean vs Slug, Sign Corrected



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

Left Out: 682.186+/-148.901 χ^2/NDF :49.3/17

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

Left In: 244.337+/-154.479 χ^2/NDF :14.5/15

Left: 471.308+/-107.207 χ^2/NDF : 68.0/33

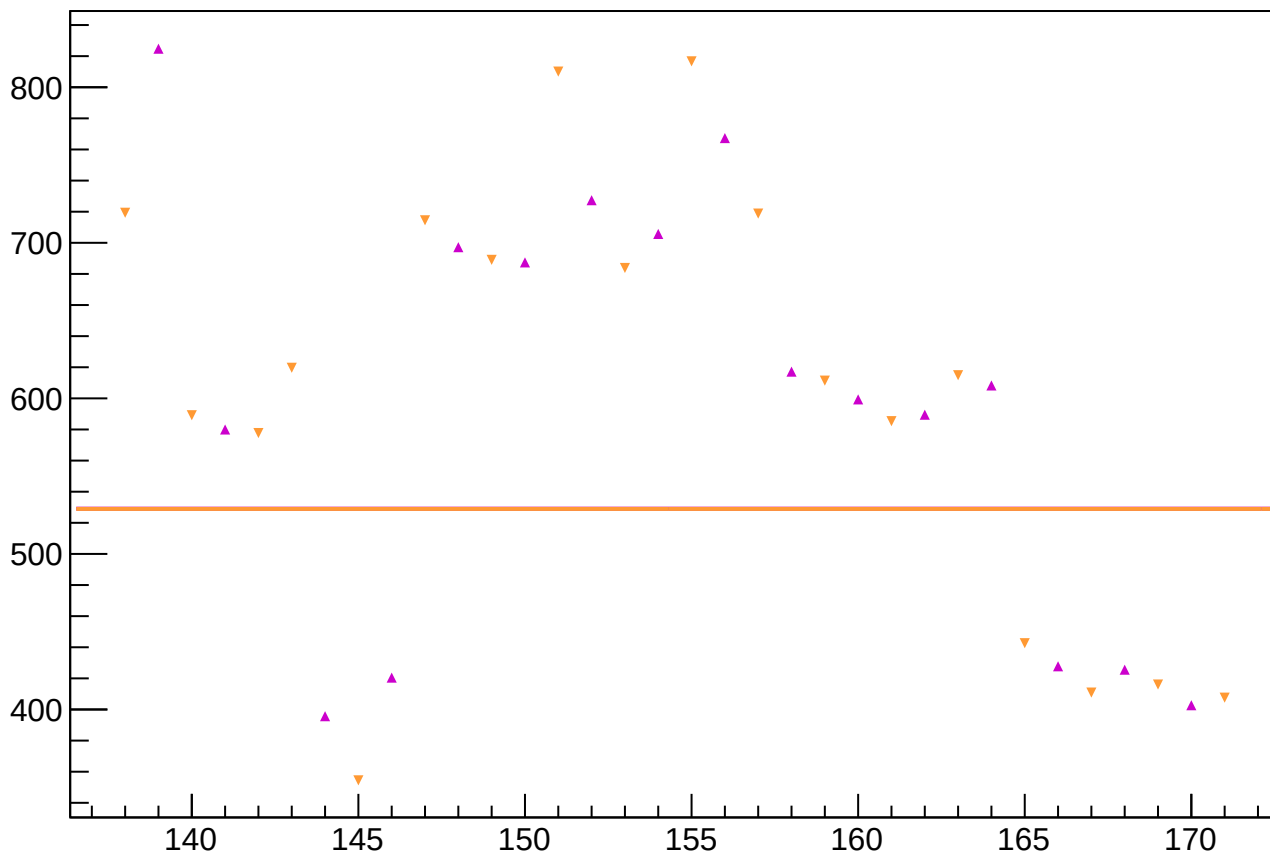
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.337+/-154.479 χ^2/NDF :14.5/15

Out: 682.186+/-148.901 χ^2/NDF :49.3/17

All: 471.308+/-107.207 χ^2/NDF : 68.0/33

asym_sam_3726_avg_rms vs Slug, Sign Corrected



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

Left Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

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

Left In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Left: 529.007+/-0.076 χ^2/NDF : 3261892.5/33

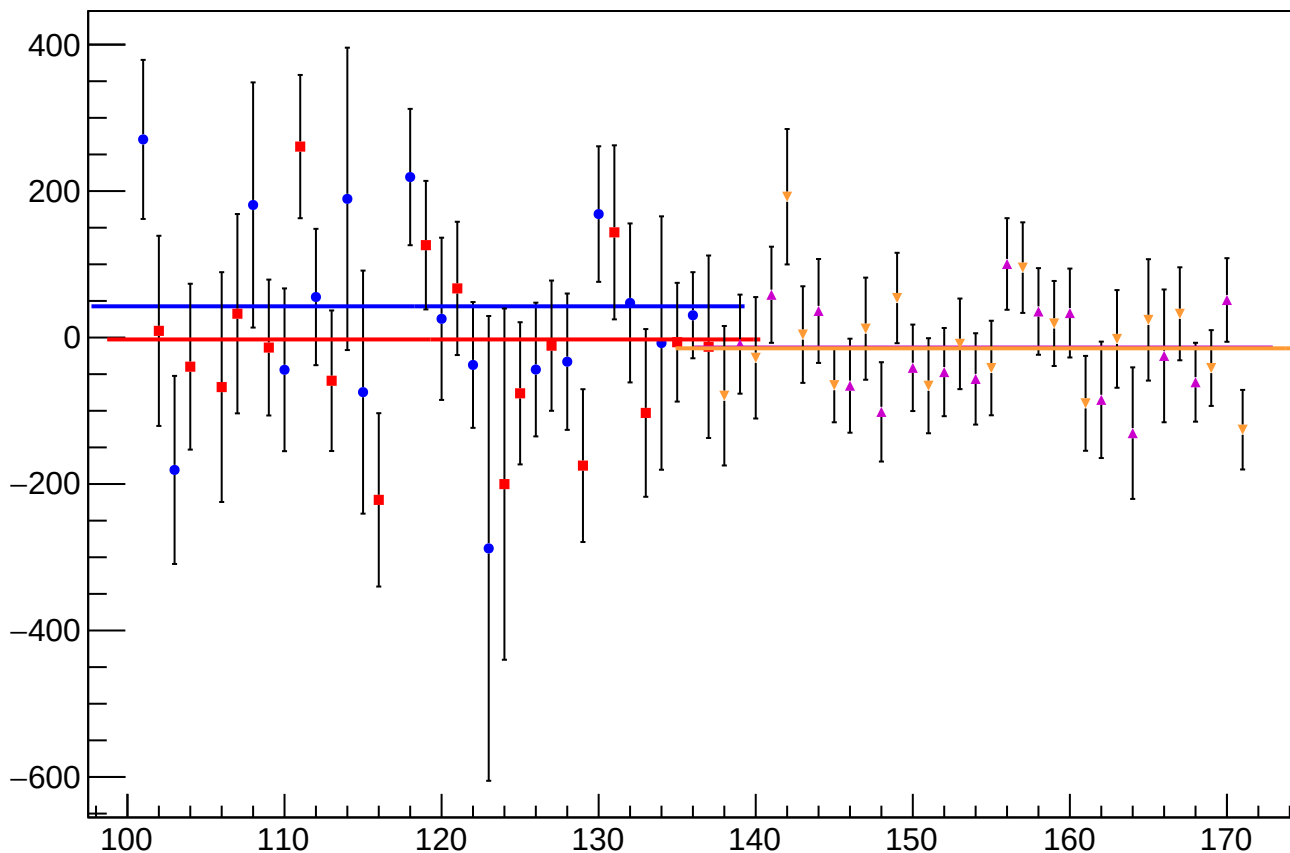
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 529.075+/-0.109 χ^2/NDF :1473631.9/15

Out: 528.943+/-0.105 χ^2/NDF :1788259.9/17

All: 529.007+/-0.076 χ^2/NDF : 3261892.5/33

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: -14.701 $\pm$ 15.204 χ^2 /NDF:18.9/17

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -13.591 $\pm$ 16.227 χ^2 /NDF:14.3/15

Left: -14.182 $\pm$ 11.095 χ^2 /NDF: 33.1/33

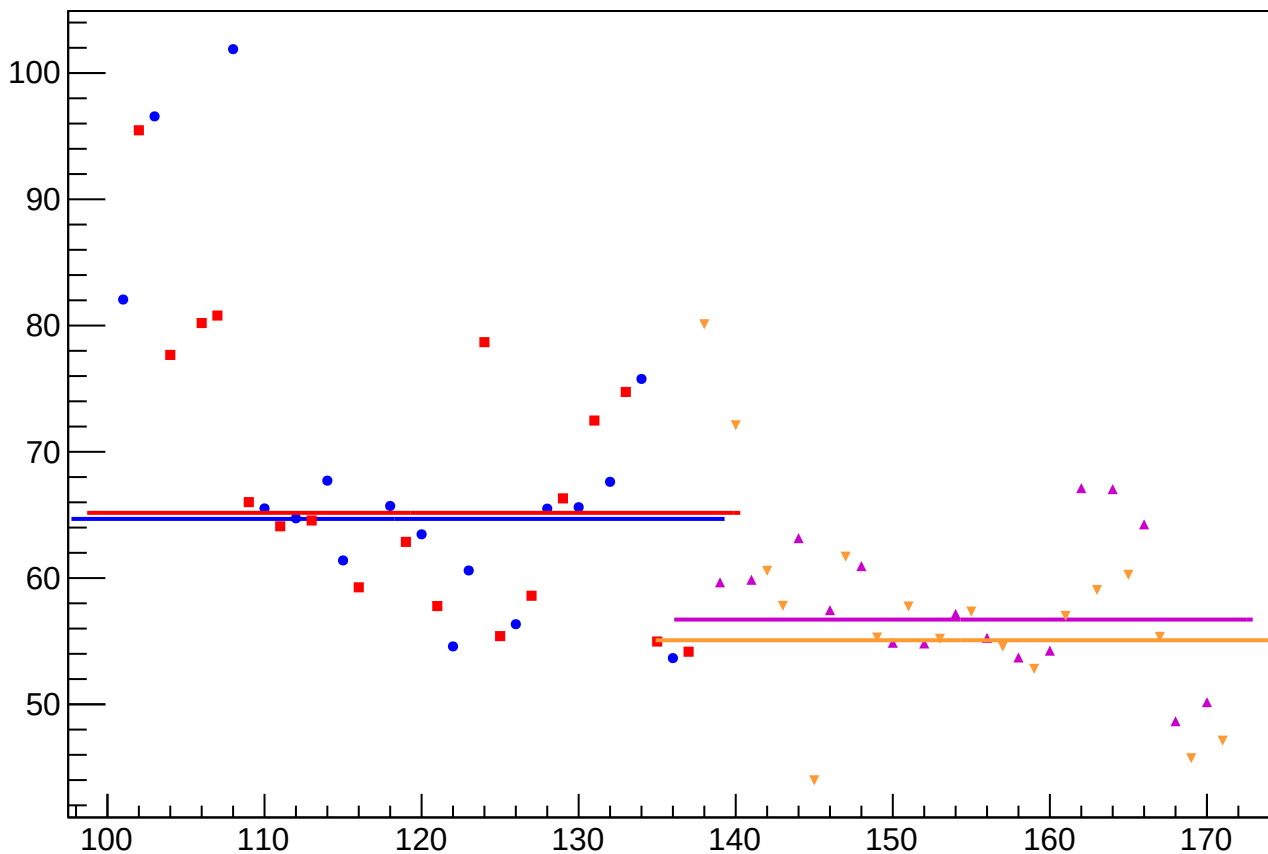
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 2.633 $\pm$ 13.688 χ^2 /NDF:36.6/32

Out: -11.444 $\pm$ 13.002 χ^2 /NDF:39.5/35

All: -4.767 $\pm$ 9.427 χ^2 /NDF: 76.6/68

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.075 $\pm$ 0.011 χ^2 /NDF: 480765.2/17

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 56.713 $\pm$ 0.011 χ^2 /NDF: 192109.6/15

Left: 55.841 $\pm$ 0.008 χ^2 /NDF: 683727.2/33

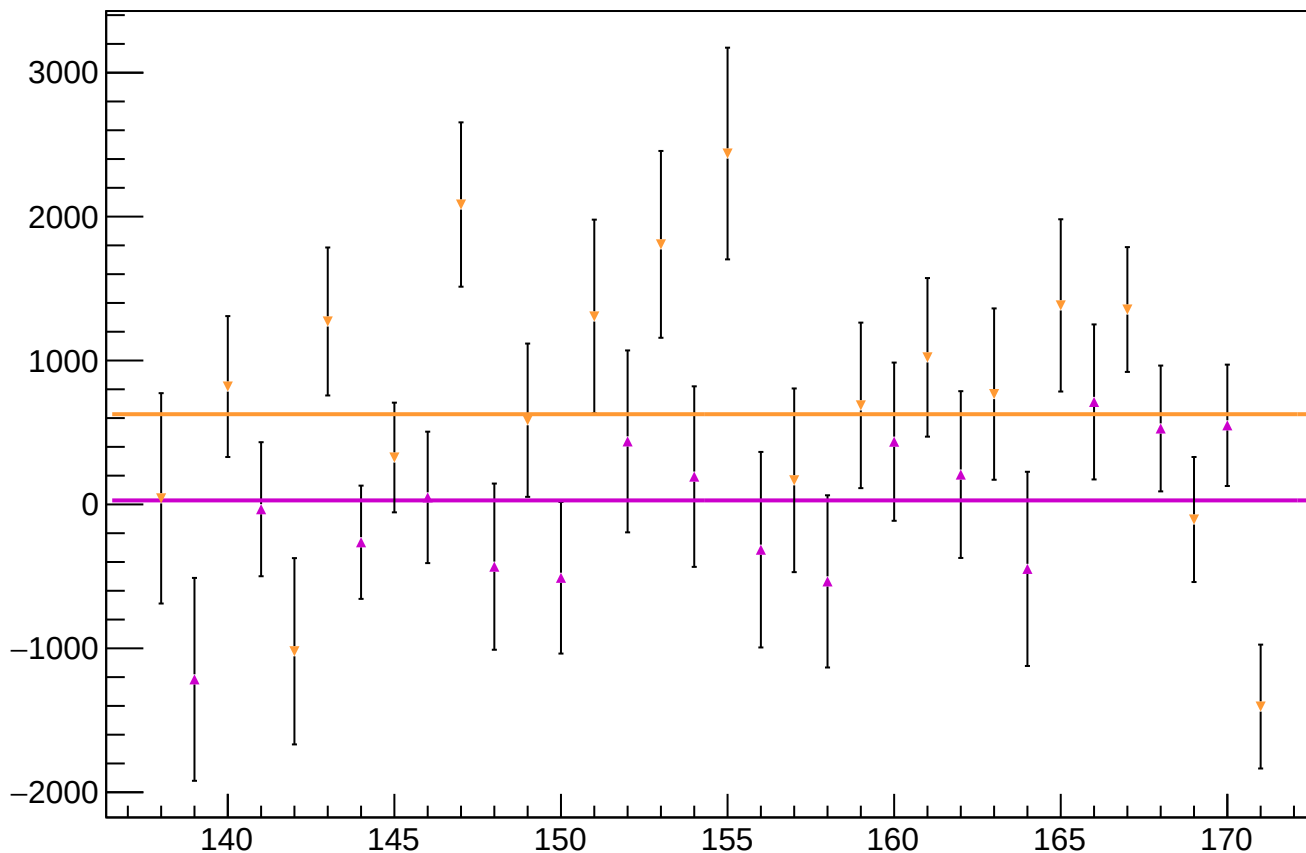
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.013 $\pm$ 0.010 χ^2 /NDF: 731555.6/32

Out: 57.786 $\pm$ 0.009 χ^2 /NDF: 1022065.1/35

All: 58.368 $\pm$ 0.007 χ^2 /NDF: 1762067.8/68

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 626.976+/-126.468 χ^2/NDF : 57.0/17

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

Left In: 27.969+/-132.137 χ^2/NDF : 12.6/15

Left: 340.598+/-91.365 χ^2/NDF : 80.3/33

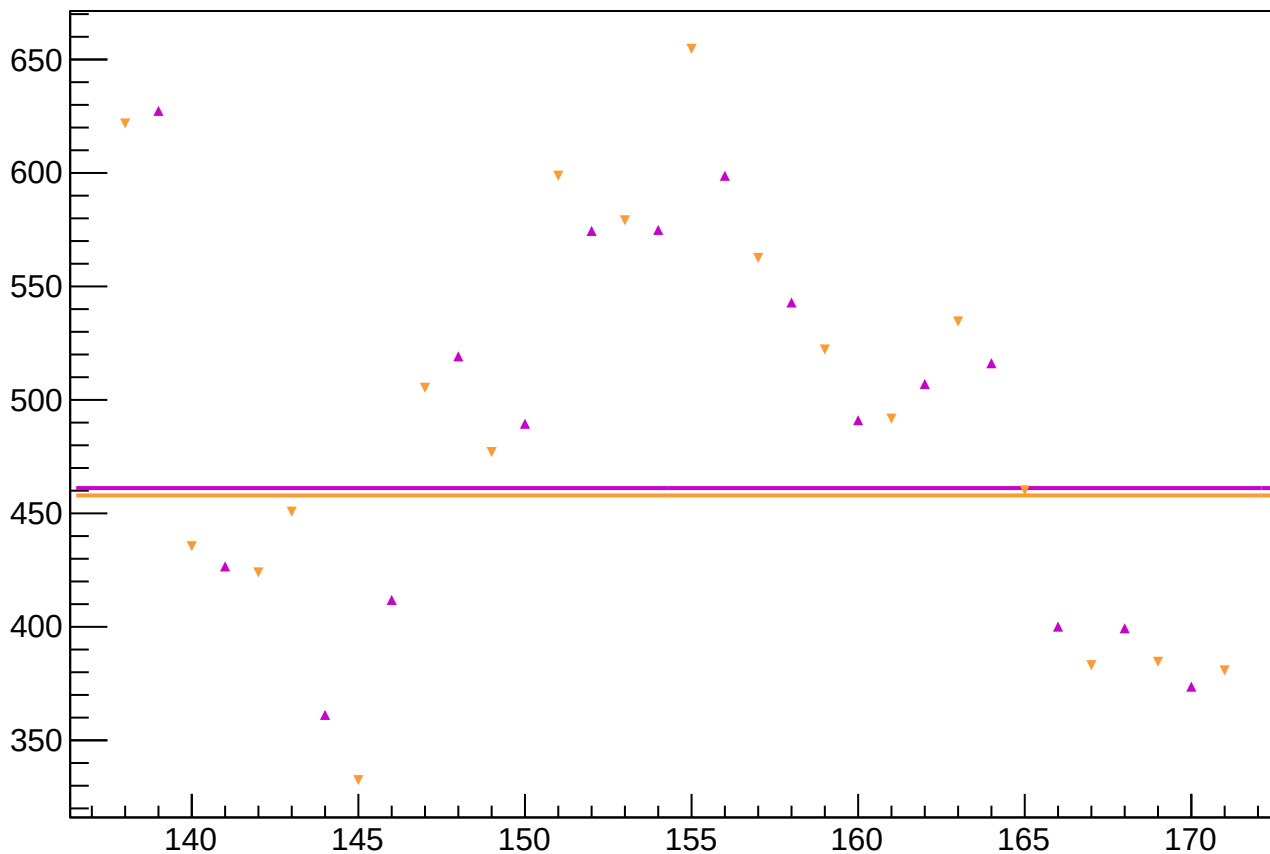
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 27.969+/-132.137 χ^2/NDF : 12.6/15

Out: 626.976+/-126.468 χ^2/NDF : 57.0/17

All: 340.598+/-91.365 χ^2/NDF : 80.3/33

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

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

Left In: 461.152+/-0.093 χ^2/NDF :733483.0/15

Left: 459.456+/-0.065 χ^2/NDF : 1678647.7/33

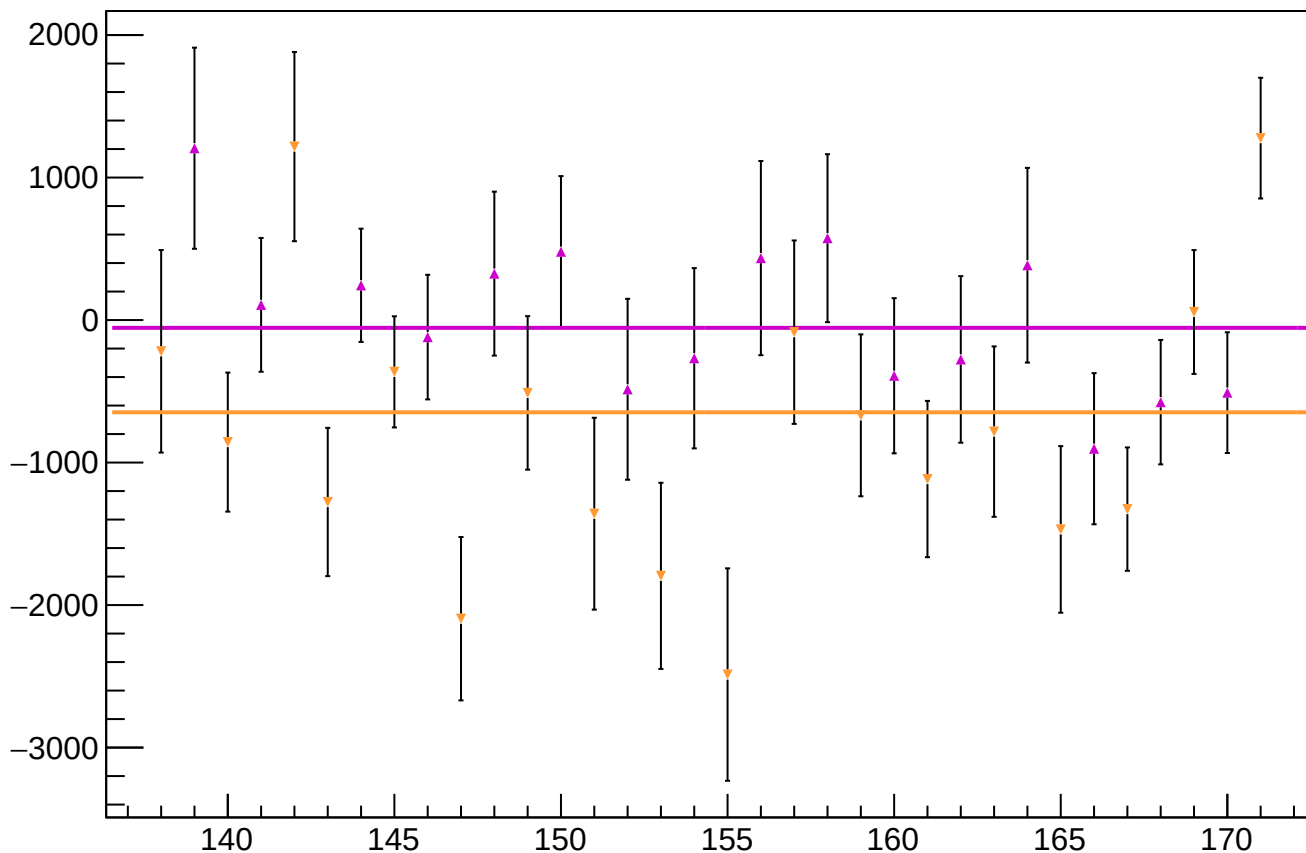
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 461.152+/-0.093 χ^2/NDF :733483.0/15

Out: 457.902+/-0.089 χ^2/NDF :944533.0/17

All: 459.456+/-0.065 χ^2/NDF : 1678647.7/33

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -647.302+/-126.663 χ^2/NDF :56.4/17

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

Left In: -54.654+/-131.855 χ^2/NDF :13.7/15

Left: -362.874+/-91.345 χ^2/NDF : 80.6/33

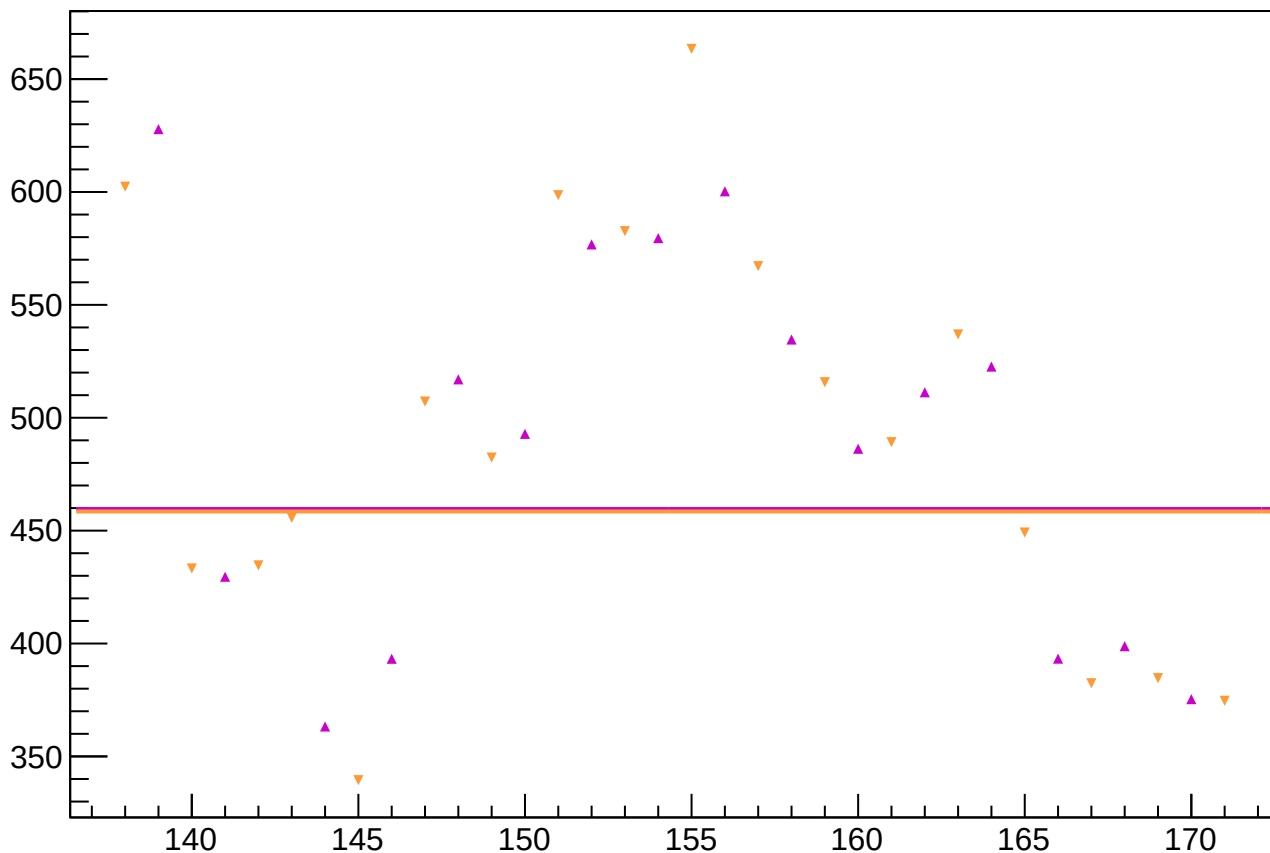
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.654+/-131.855 χ^2/NDF :13.7/15

Out: -647.302+/-126.663 χ^2/NDF :56.4/17

All: -362.874+/-91.345 χ^2/NDF : 80.6/33

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 458.497+/-0.090 χ^2/NDF : 921025.4/17

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

Left In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Left: 459.012+/-0.065 χ^2/NDF : 1678770.9/33

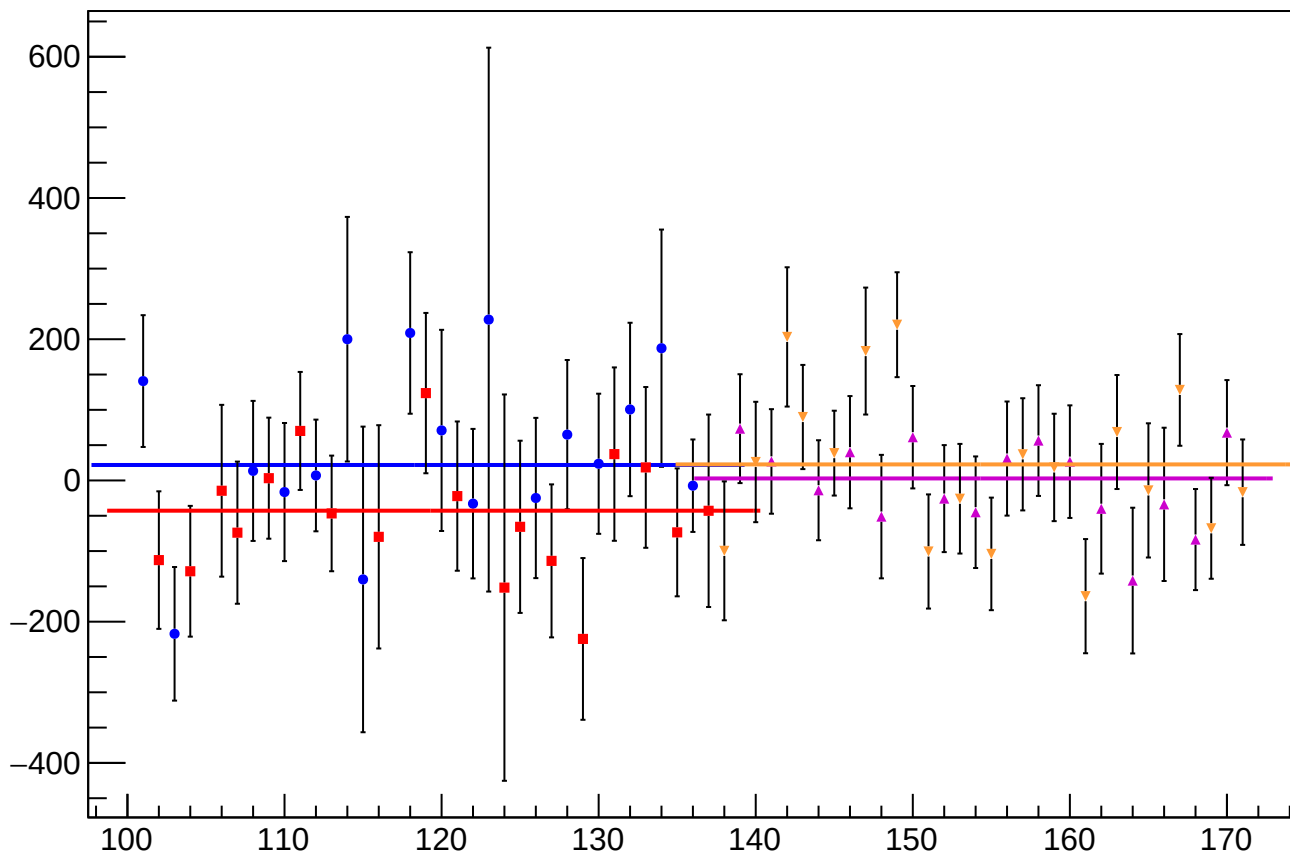
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 459.571+/-0.093 χ^2/NDF : 757676.5/15

Out: 458.497+/-0.090 χ^2/NDF : 921025.4/17

All: 459.012+/-0.065 χ^2/NDF : 1678770.9/33

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 22.723 ± 18.668 χ^2/NDF : 30.8/17

Right Out: -42.817 ± 25.116 χ^2/NDF : 9.9/17

Left In: 2.849 ± 19.960 χ^2/NDF : 8.0/15

Left: 13.450 ± 13.634 χ^2/NDF : 39.3/33

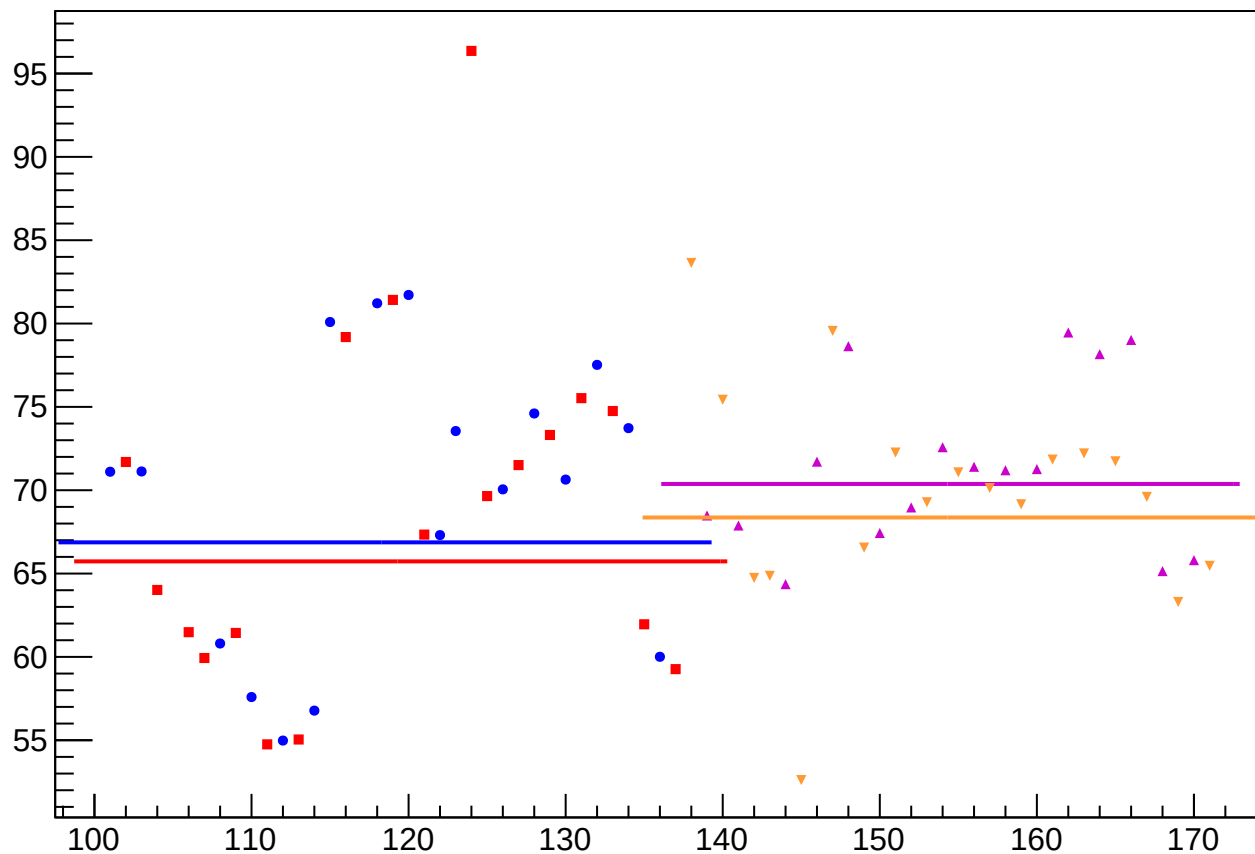
Right: -11.642 ± 18.082 χ^2/NDF : 28.1/34

In: 9.898 ± 15.845 χ^2/NDF : 23.4/32

Out: -0.600 ± 14.983 χ^2/NDF : 45.1/35

All: 4.355 ± 10.886 χ^2/NDF : 68.7/68

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.364 $\pm$ 0.013 χ^2 /NDF: 271664.2/17

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 70.376 $\pm$ 0.014 χ^2 /NDF: 104543.3/15

Left: 69.302 $\pm$ 0.010 χ^2 /NDF: 387044.9/33

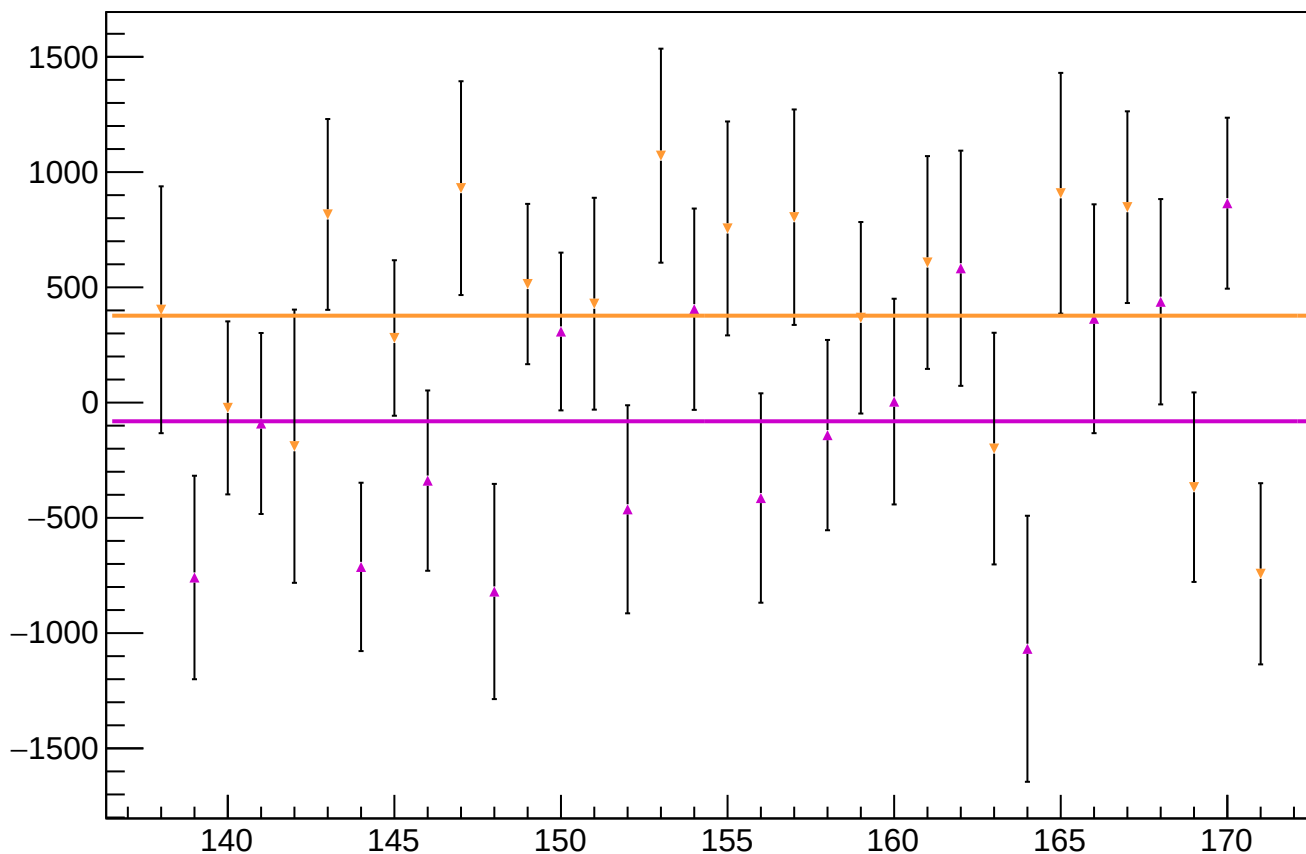
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 69.080 $\pm$ 0.011 χ^2 /NDF: 329847.8/32

Out: 67.427 $\pm$ 0.011 χ^2 /NDF: 504693.3/35

All: 68.207 $\pm$ 0.008 χ^2 /NDF: 846034.9/68

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: 377.121+/-102.135 χ^2/NDF :23.9/17

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

Left In: -81.040+/-106.670 χ^2/NDF :25.4/15

Left: 157.987+/-73.771 χ^2/NDF : 58.9/33

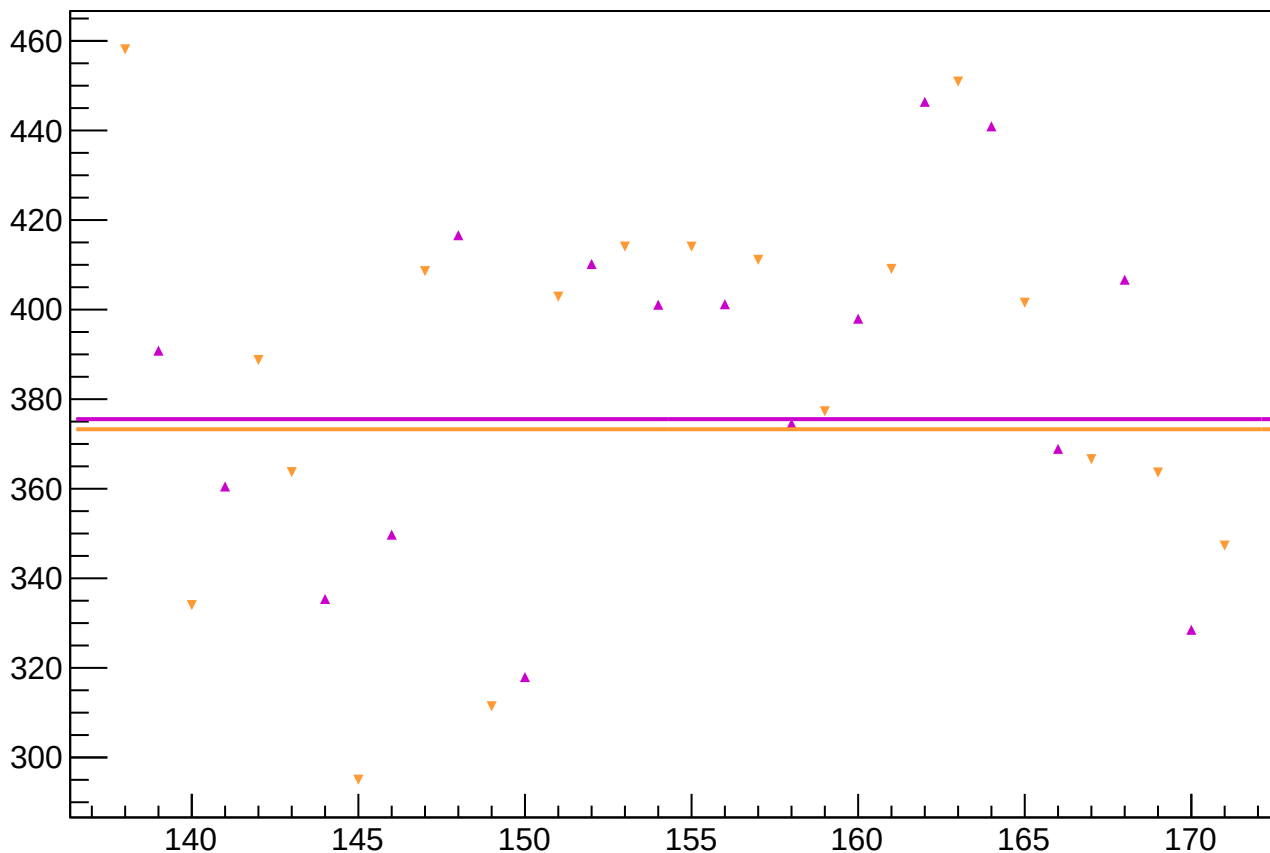
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.040+/-106.670 χ^2/NDF :25.4/15

Out: 377.121+/-102.135 χ^2/NDF :23.9/17

All: 157.987+/-73.771 χ^2/NDF : 58.9/33

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 373.285+/-0.072 χ^2/NDF : 385505.3/17

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

Left In: 375.543+/-0.075 χ^2/NDF : 246967.4/15

Left: 374.365+/-0.052 χ^2/NDF : 632940.1/33

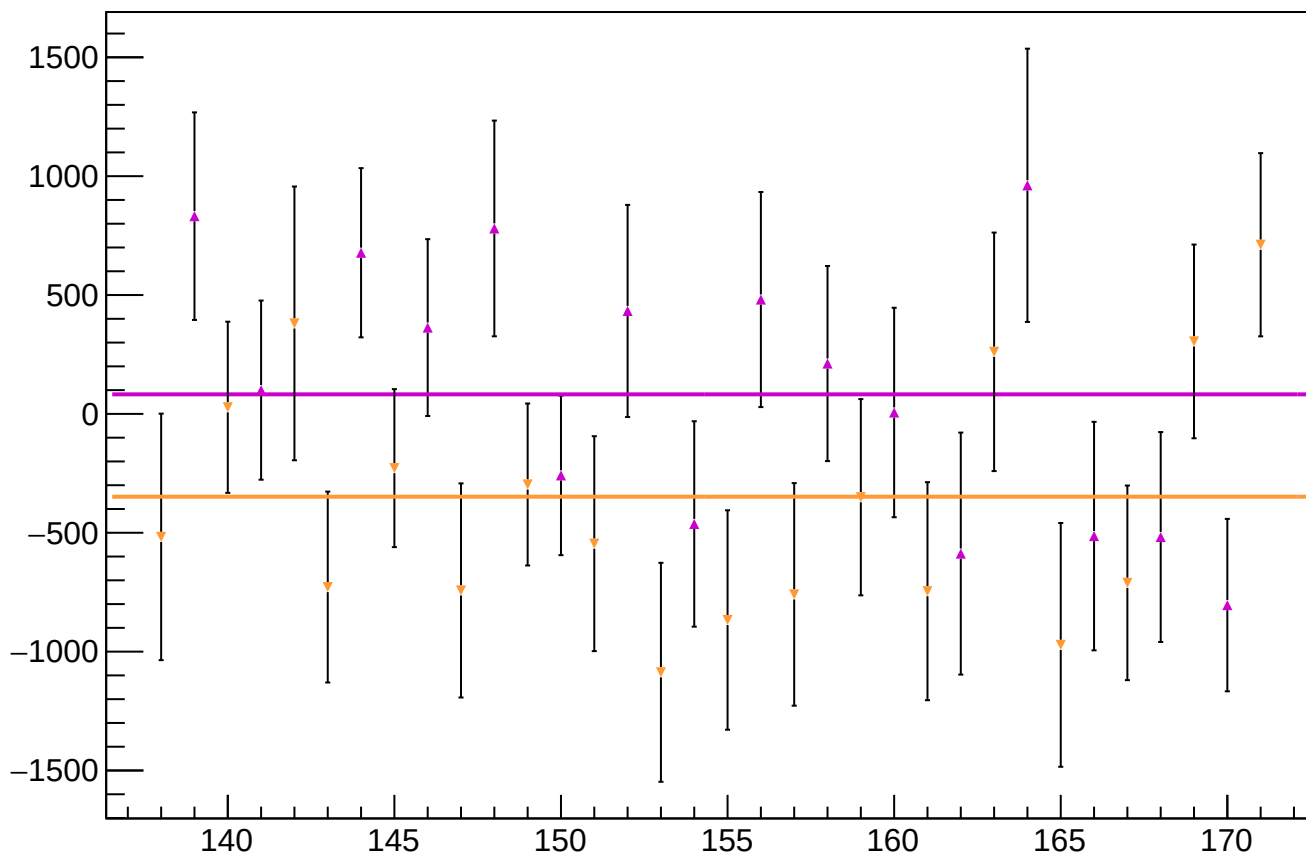
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 375.543+/-0.075 χ^2/NDF : 246967.4/15

Out: 373.285+/-0.072 χ^2/NDF : 385505.3/17

All: 374.365+/-0.052 χ^2/NDF : 632940.1/33

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



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

Left Out: -348.288+/-100.380 χ^2/NDF :24.0/17

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

Left In: 82.249+/-104.569 χ^2/NDF :26.3/15

Left: -141.816+/-72.415 χ^2/NDF : 59.1/33

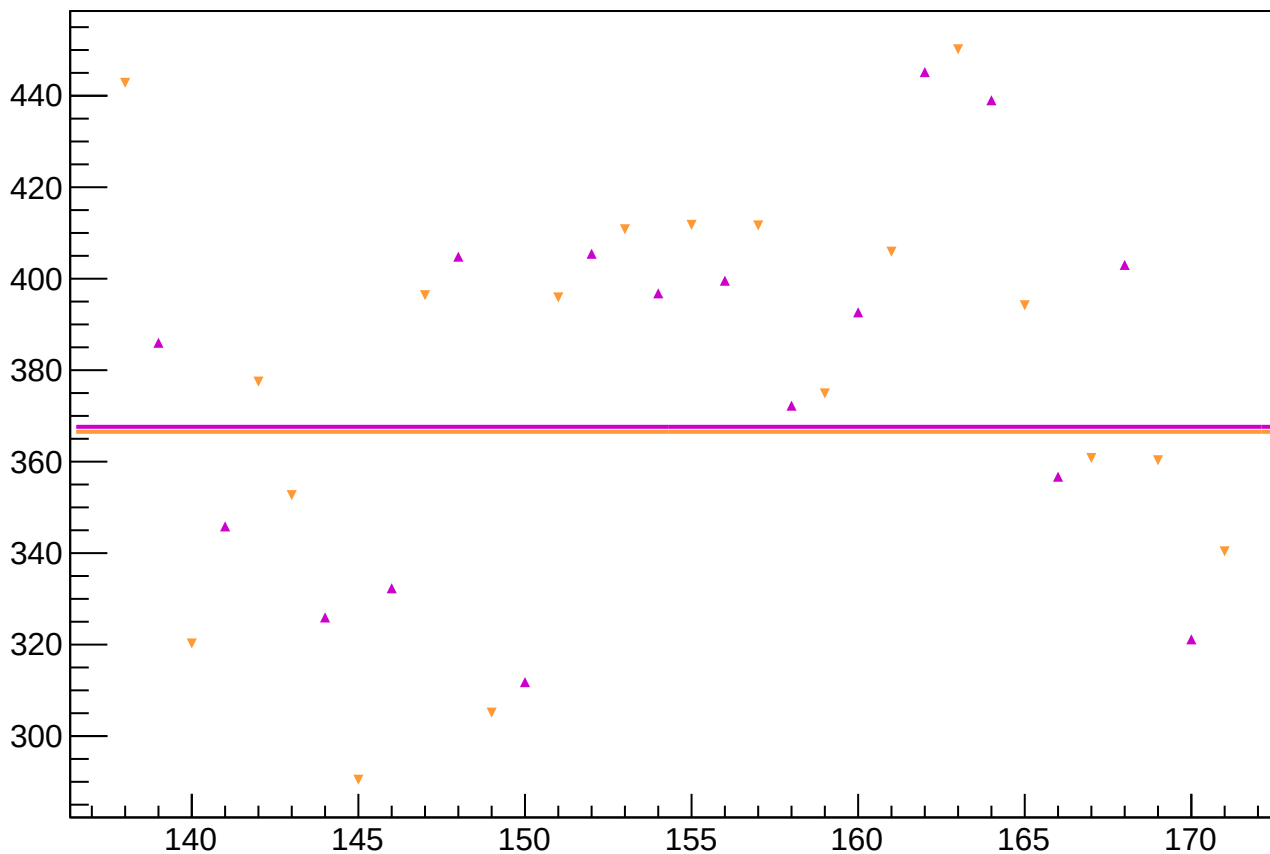
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 82.249+/-104.569 χ^2/NDF :26.3/15

Out: -348.288+/-100.380 χ^2/NDF :24.0/17

All: -141.816+/-72.415 χ^2/NDF : 59.1/33

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



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

Left Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

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

Left In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Left: 367.051+/-0.051 χ^2/NDF : 698503.0/33

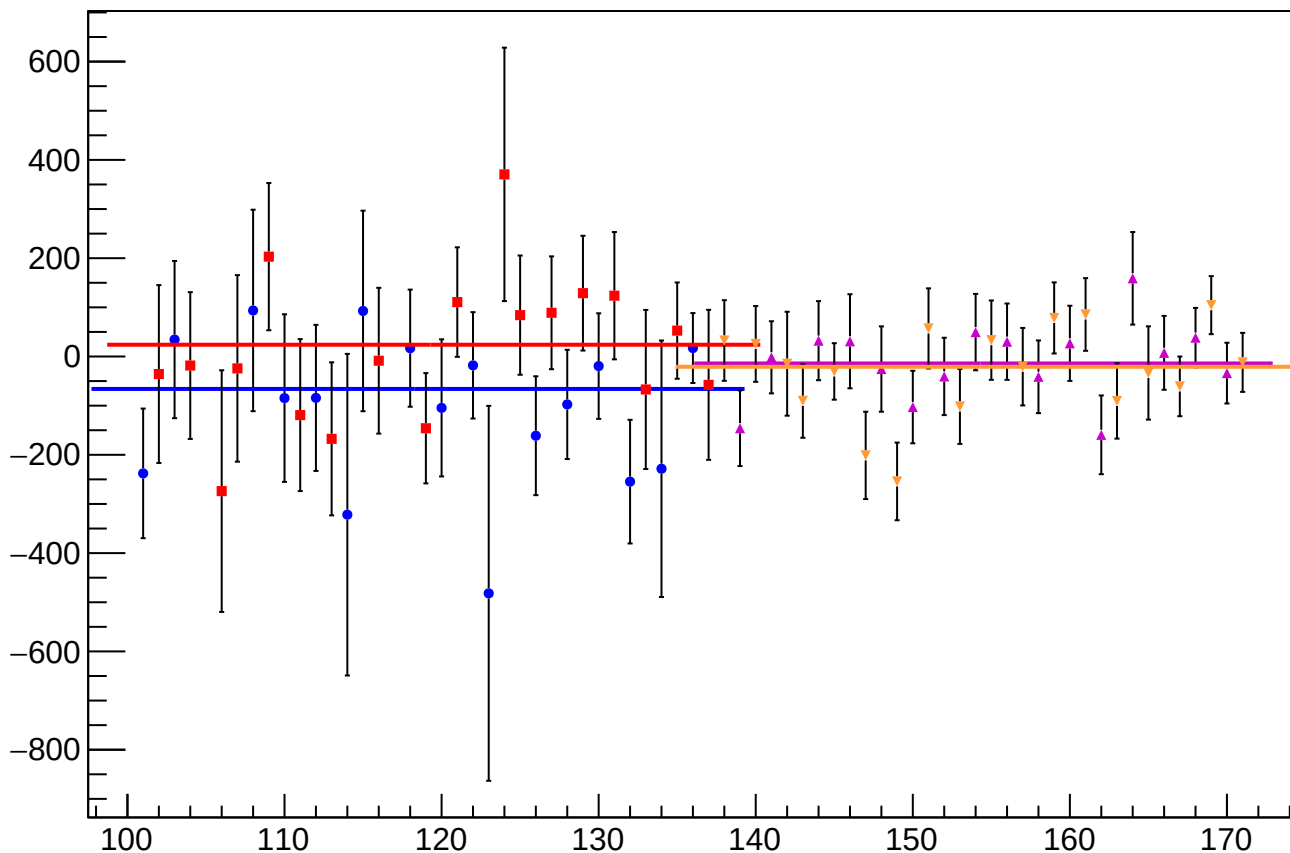
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.618+/-0.074 χ^2/NDF : 288622.2/15

Out: 366.528+/-0.071 χ^2/NDF : 409767.7/17

All: 367.051+/-0.051 χ^2/NDF : 698503.0/33

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -20.888 ± 17.404 $\chi^2/\text{NDF}: 26.8/17$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -14.140 ± 19.026 $\chi^2/\text{NDF}: 14.1/15$

Left: -17.814 ± 12.842 $\chi^2/\text{NDF}: 40.9/33$

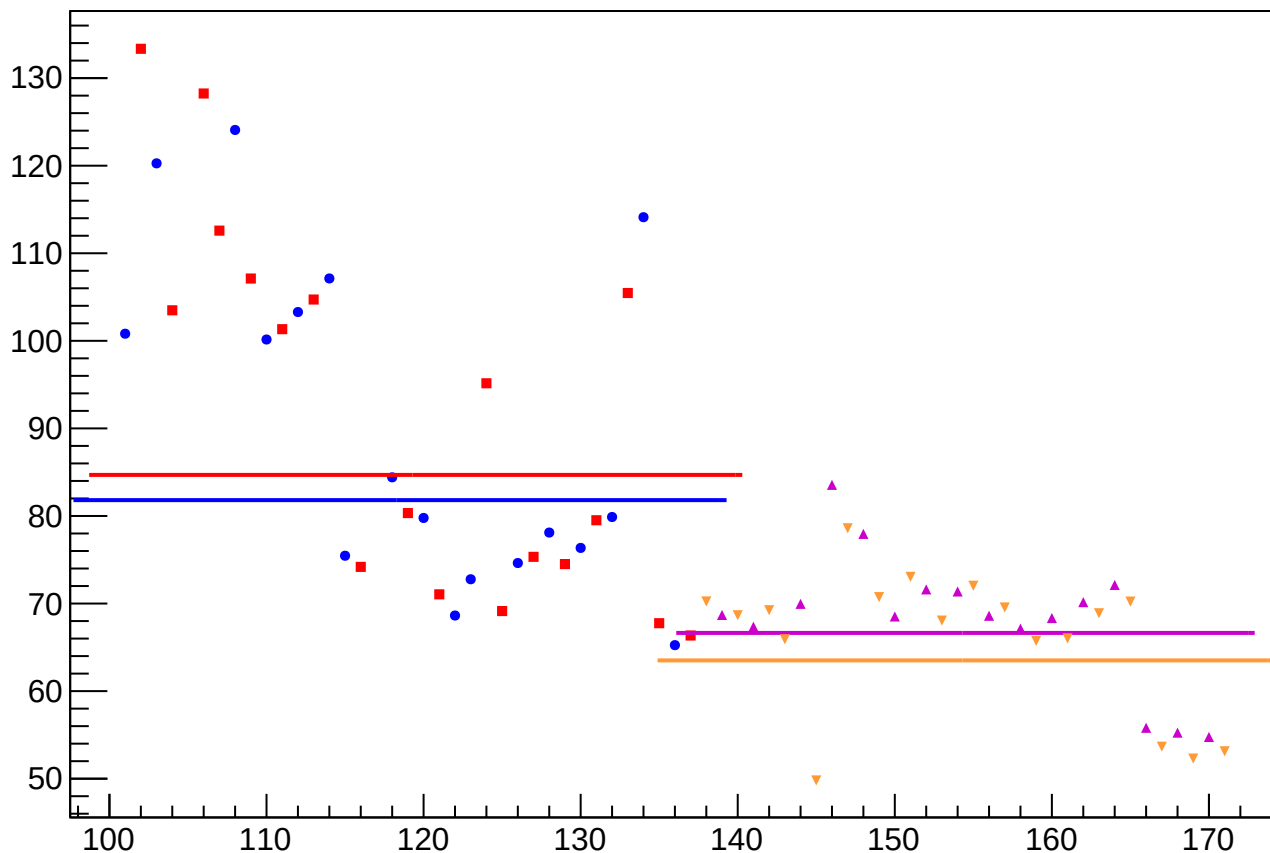
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -27.499 ± 16.392 $\chi^2/\text{NDF}: 26.8/32$

Out: -11.027 ± 15.373 $\chi^2/\text{NDF}: 41.1/35$

All: -18.735 ± 11.213 $\chi^2/\text{NDF}: 68.5/68$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 63.509 $\pm$ 0.012 χ^2 /NDF: 495865.6/17

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 66.646 $\pm$ 0.013 χ^2 /NDF: 317387.9/15

Left: 64.938 $\pm$ 0.009 χ^2 /NDF: 842867.2/33

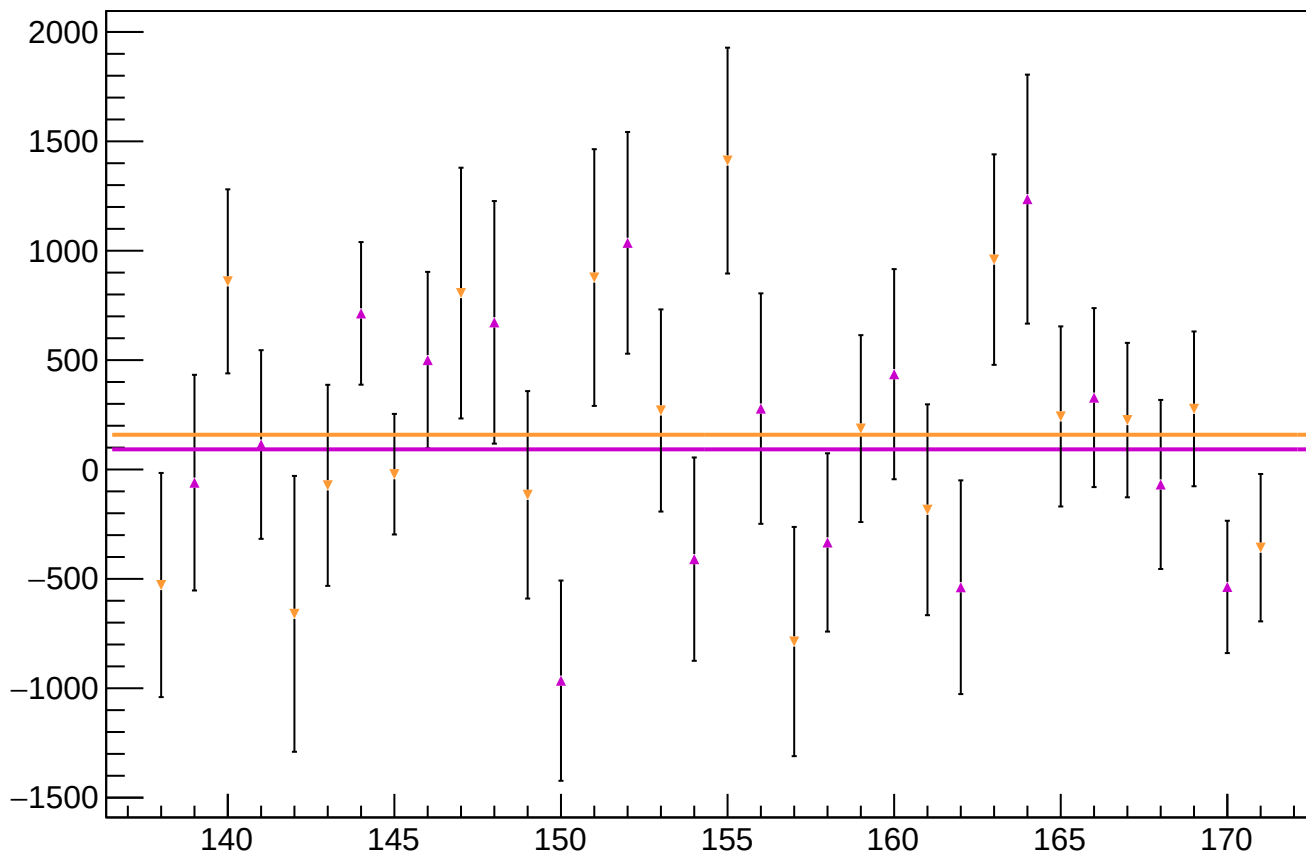
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 70.554 $\pm$ 0.012 χ^2 /NDF: 1151941.3/32

Out: 68.164 $\pm$ 0.011 χ^2 /NDF: 1762981.0/35

All: 69.283 $\pm$ 0.008 χ^2 /NDF: 2937535.8/68

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 158.799+/-101.436 χ^2/NDF :25.1/17

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

Left In: 92.055+/-107.551 χ^2/NDF :28.1/15

Left: 127.378+/-73.793 χ^2/NDF : 53.4/33

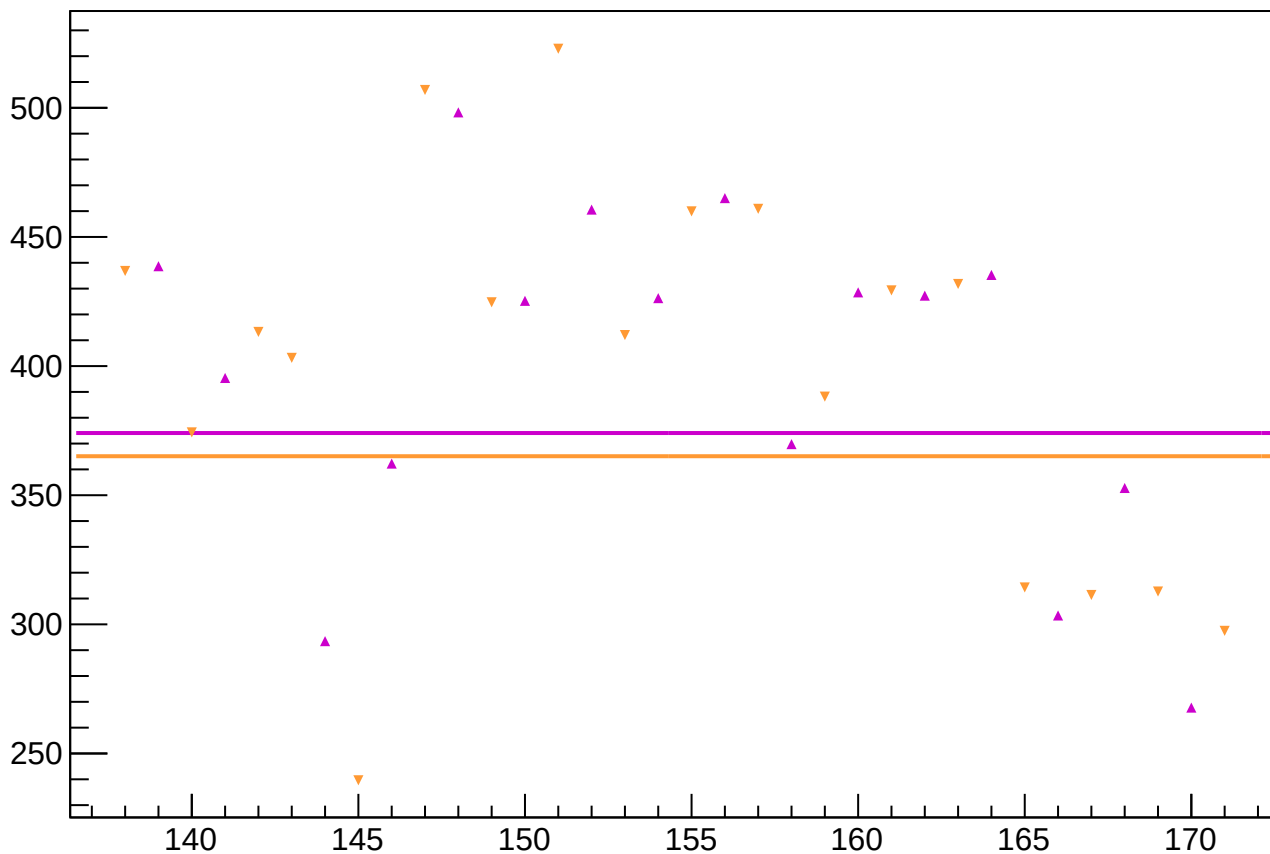
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 92.055+/-107.551 χ^2/NDF :28.1/15

Out: 158.799+/-101.436 χ^2/NDF :25.1/17

All: 127.378+/-73.793 χ^2/NDF : 53.4/33

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

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

Left In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Left: 369.327+/-0.052 χ^2/NDF : 2039529.3/33

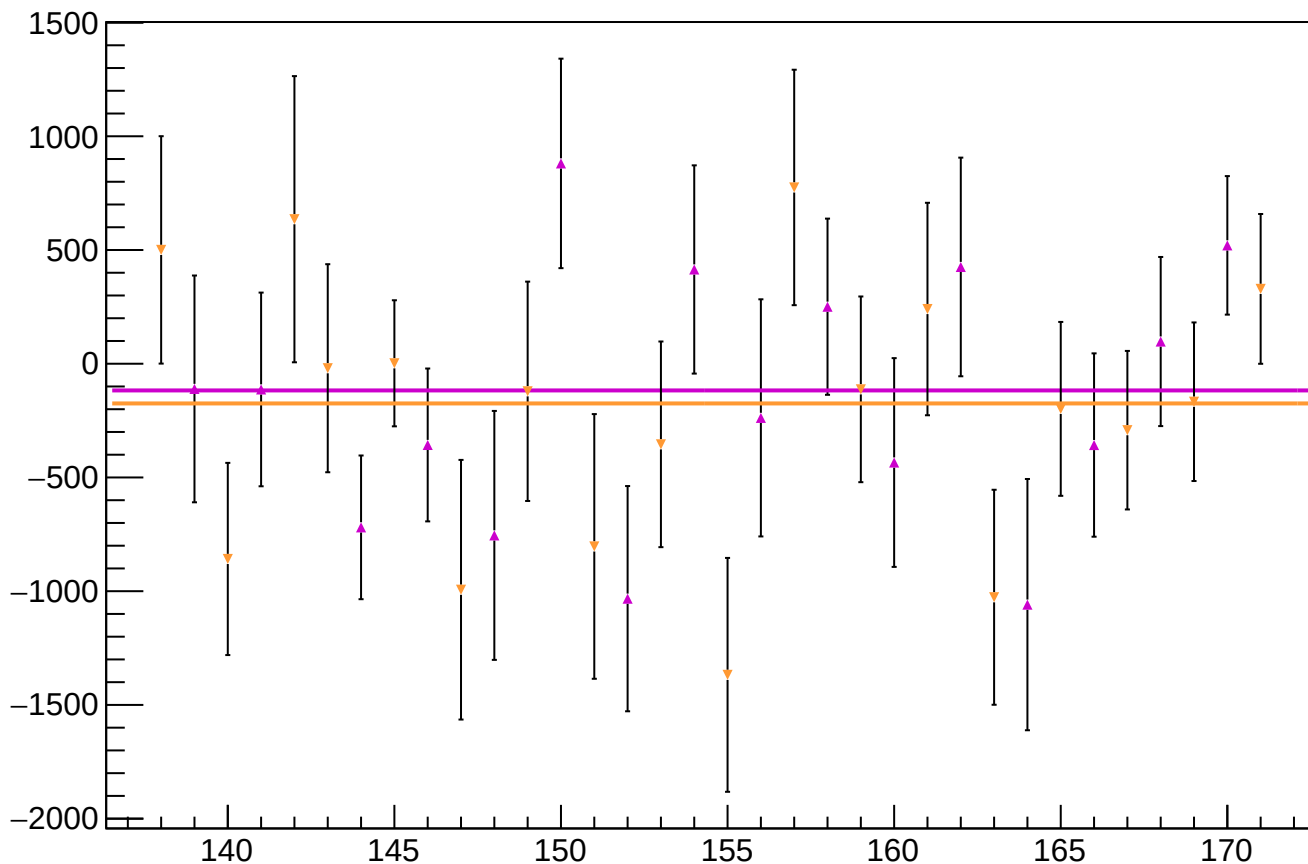
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 374.081+/-0.076 χ^2/NDF :817299.3/15

Out: 365.098+/-0.072 χ^2/NDF :1214845.7/17

All: 369.327+/-0.052 χ^2/NDF : 2039529.3/33

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



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

Left Out: -174.593+/-99.867 χ^2/NDF :25.3/17

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

Left In: -117.386+/-104.143 χ^2/NDF :25.7/15

Left: -147.188+/-72.081 χ^2/NDF : 51.1/33

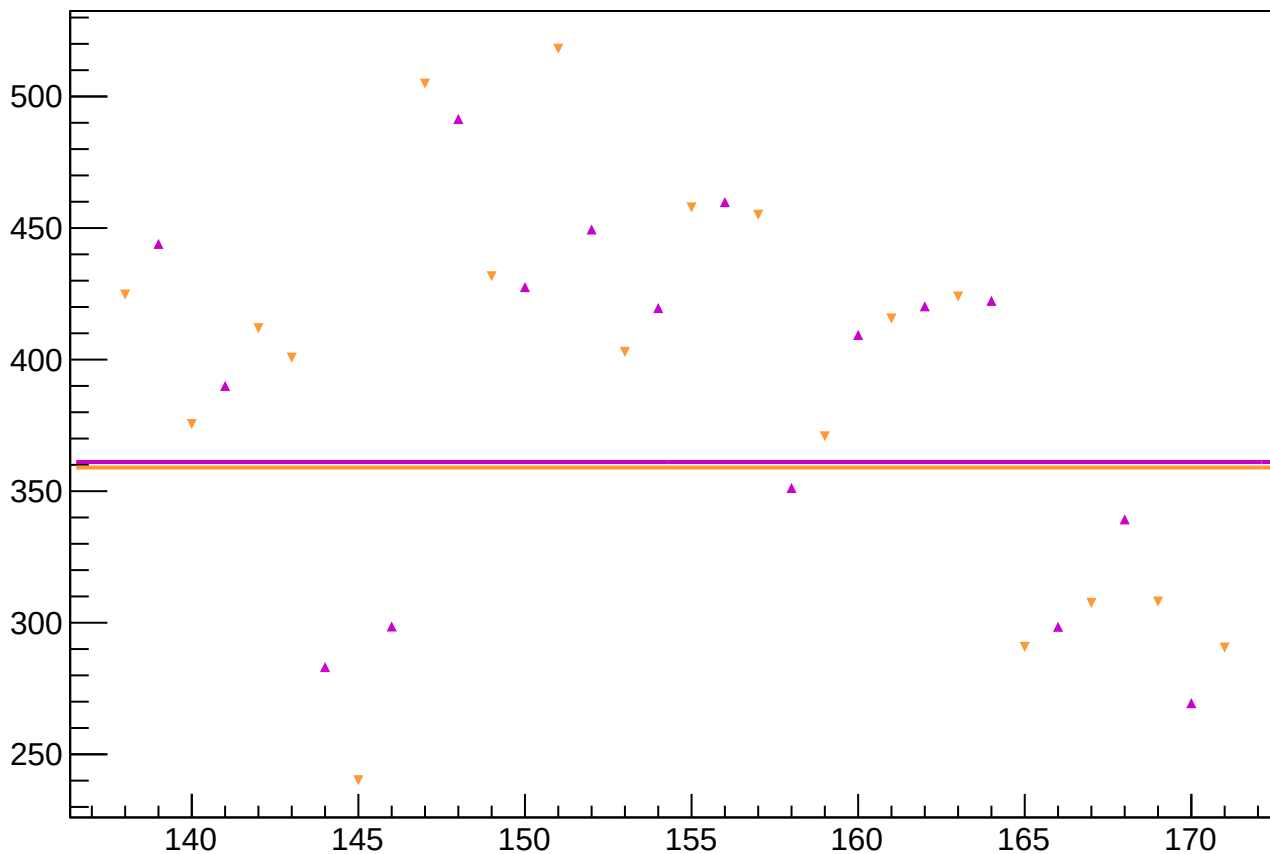
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -117.386+/-104.143 χ^2/NDF :25.7/15

Out: -174.593+/-99.867 χ^2/NDF :25.3/17

All: -147.188+/-72.081 χ^2/NDF : 51.1/33

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

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

Left In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Left: 359.995+/-0.051 χ^2/NDF : 2123092.0/33

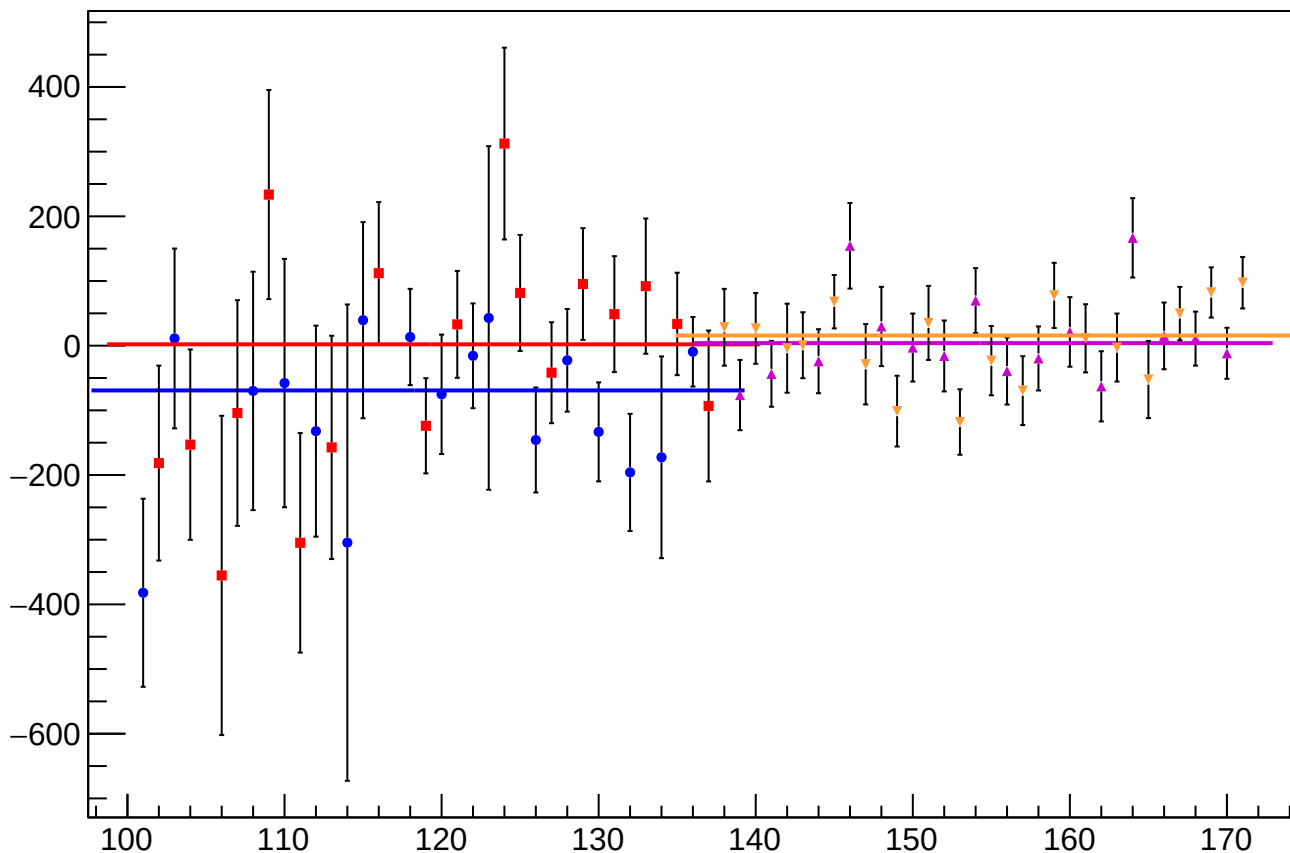
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.090+/-0.074 χ^2/NDF :893539.3/15

Out: 358.987+/-0.071 χ^2/NDF :1229127.6/17

All: 359.995+/-0.051 χ^2/NDF : 2123092.0/33

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 15.740 ± 11.893 $\chi^2/\text{NDF}: 27.9/17$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: 3.967 ± 12.861 $\chi^2/\text{NDF}: 20.4/15$

Left: 10.313 ± 8.732 $\chi^2/\text{NDF}: 48.8/33$

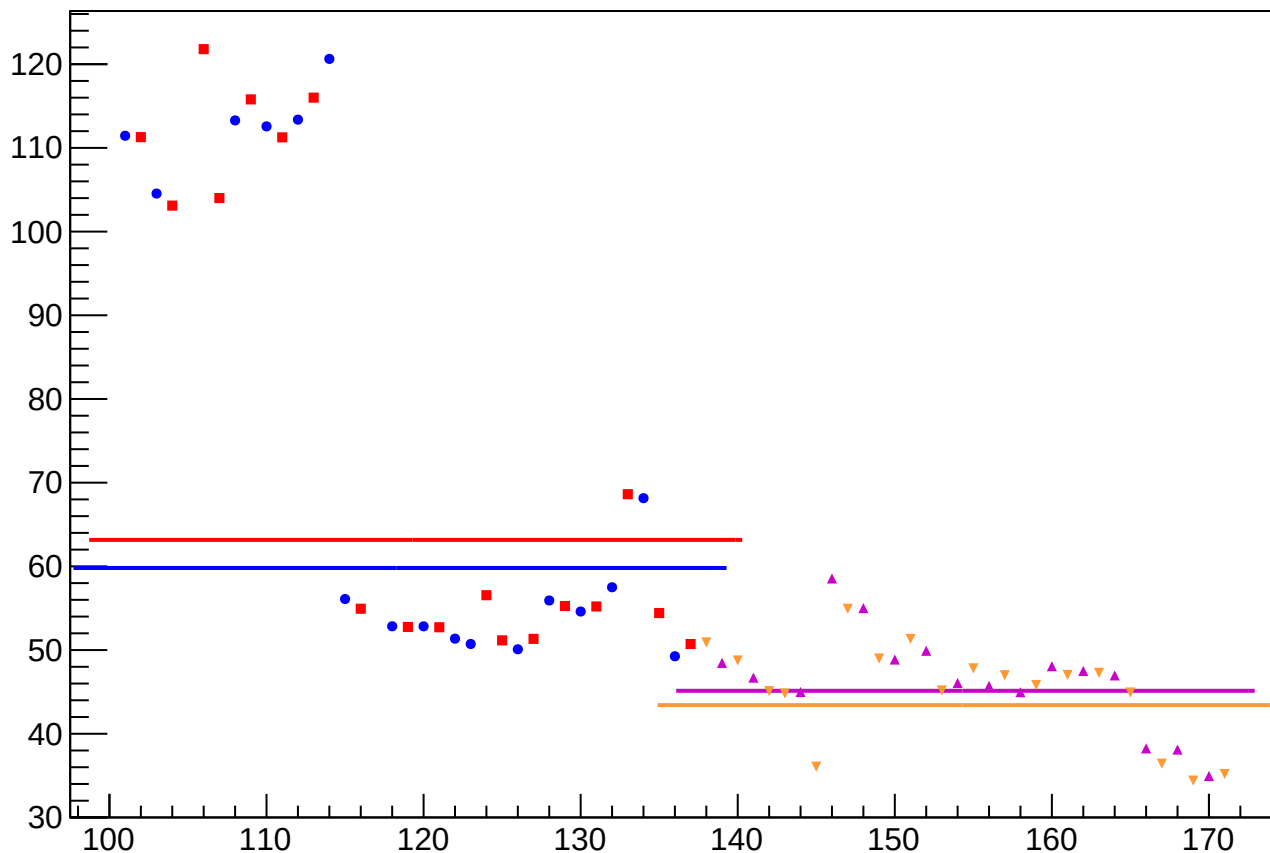
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -12.081 ± 11.363 $\chi^2/\text{NDF}: 41.0/32$

Out: 13.250 ± 10.754 $\chi^2/\text{NDF}: 51.9/35$

All: 1.281 ± 7.811 $\chi^2/\text{NDF}: 95.5/68$

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: 43.420+/-0.008 χ^2 /NDF: 546078.4/17

Right Out: 63.166+/-0.018 χ^2 /NDF: 1387305.6/17

Left In: 45.134+/-0.009 χ^2 /NDF: 407152.9/15

Left: 44.210+/-0.006 χ^2 /NDF: 972369.3/33

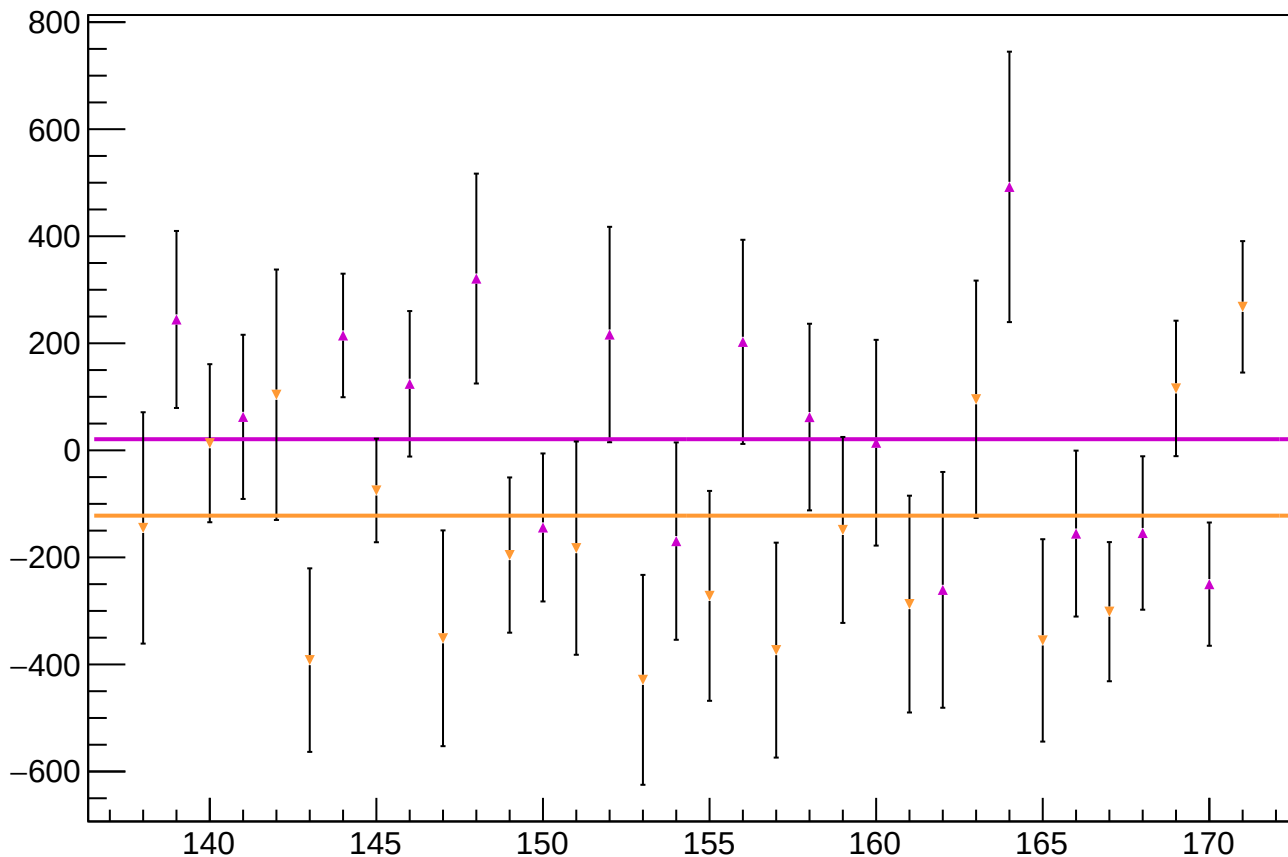
Right: 61.424+/-0.012 χ^2 /NDF: 2635717.1/34

In: 48.353+/-0.008 χ^2 /NDF: 2208407.2/32

Out: 47.020+/-0.008 χ^2 /NDF: 2938462.8/35

All: 47.650+/-0.006 χ^2 /NDF: 5161391.0/68

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -122.005+/-37.947 χ^2/NDF :29.4/17

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

Left In: 20.811+/-39.833 χ^2/NDF :25.5/15

Left: -54.058+/-27.475 χ^2/NDF : 61.7/33

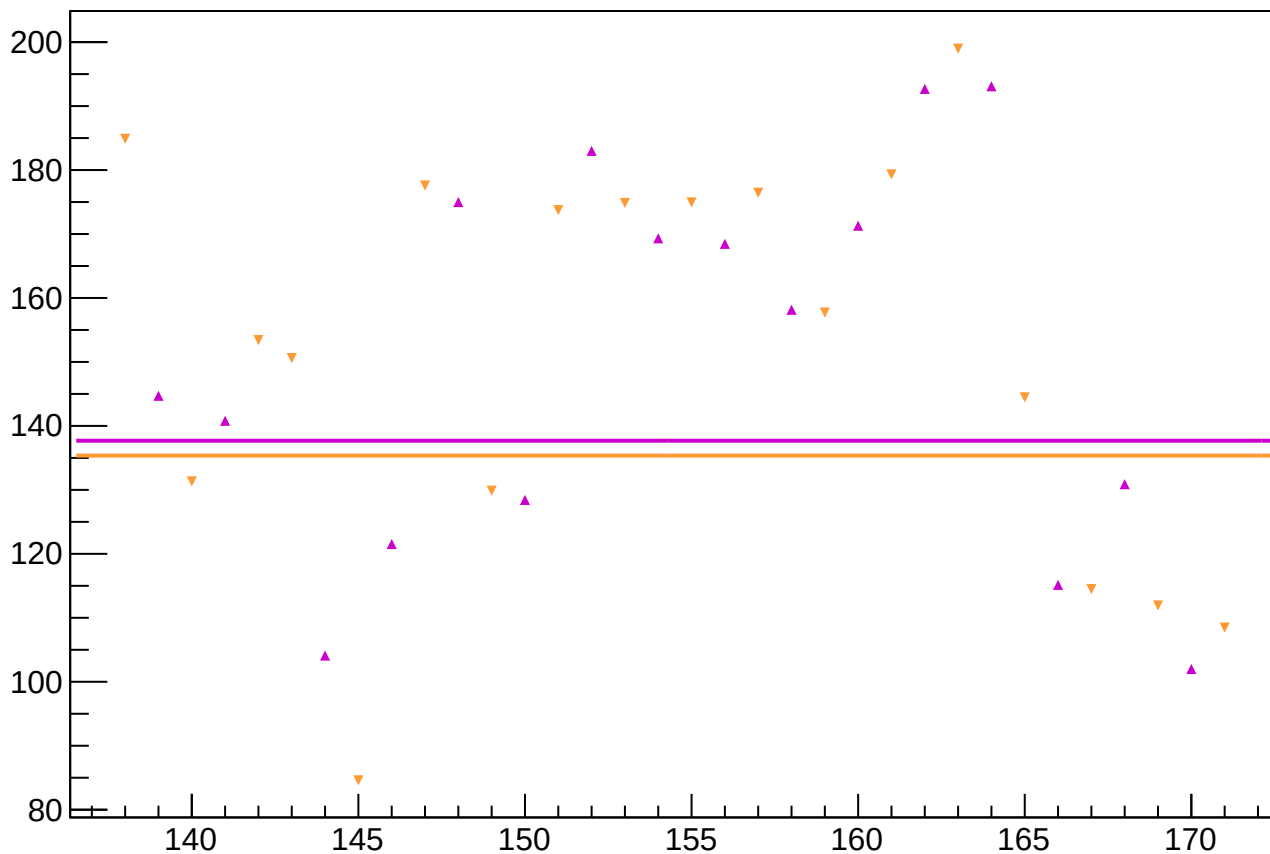
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.811+/-39.833 χ^2/NDF :25.5/15

Out: -122.005+/-37.947 χ^2/NDF :29.4/17

All: -54.058+/-27.475 χ^2/NDF : 61.7/33

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

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

Left In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Left: 136.466+/-0.019 χ^2/NDF : 2657293.4/33

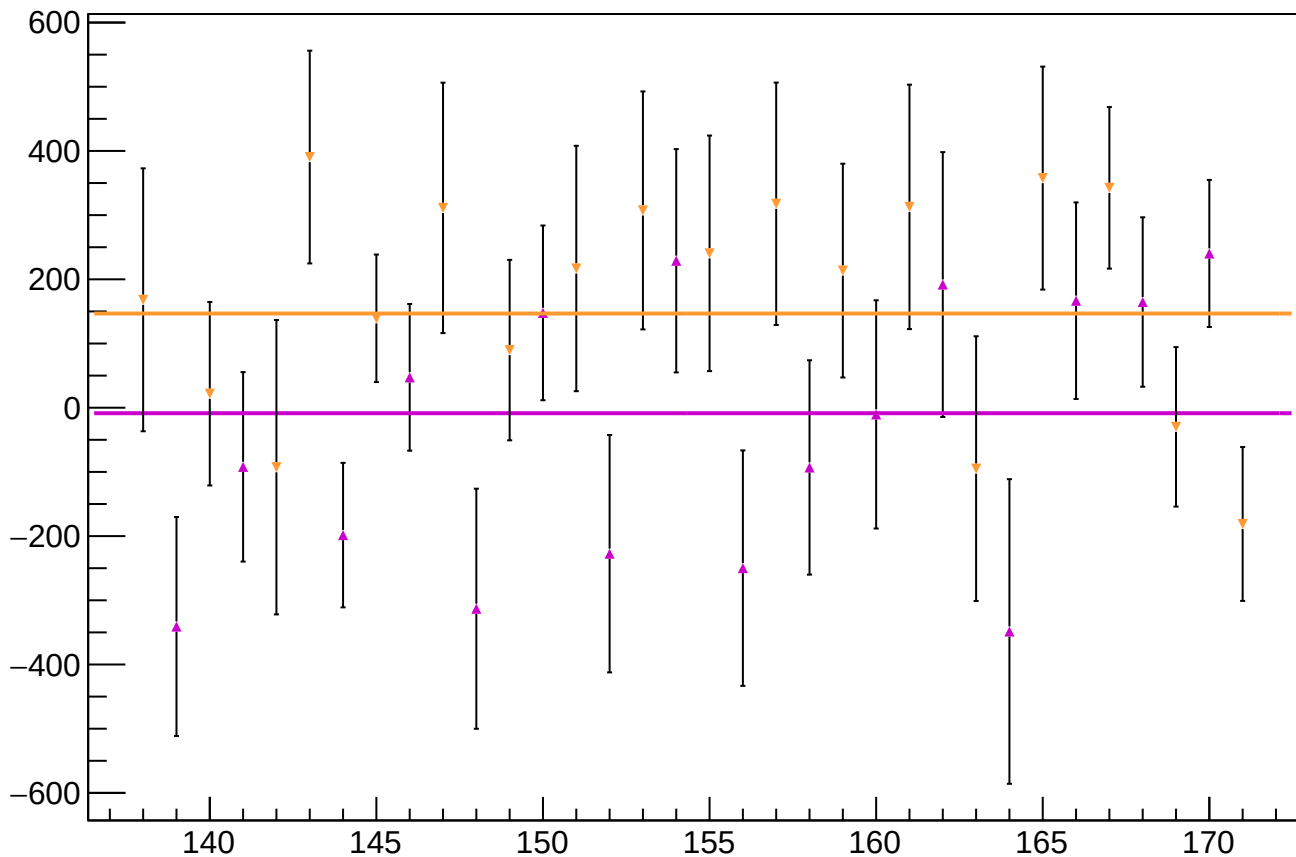
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 137.687+/-0.028 χ^2/NDF :1044462.8/15

Out: 135.359+/-0.027 χ^2/NDF :1609246.9/17

All: 136.466+/-0.019 χ^2/NDF : 2657293.4/33

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



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

Left Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

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

Left In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Left: 71.414 $\pm$ 26.406 χ^2 /NDF: 58.4/33

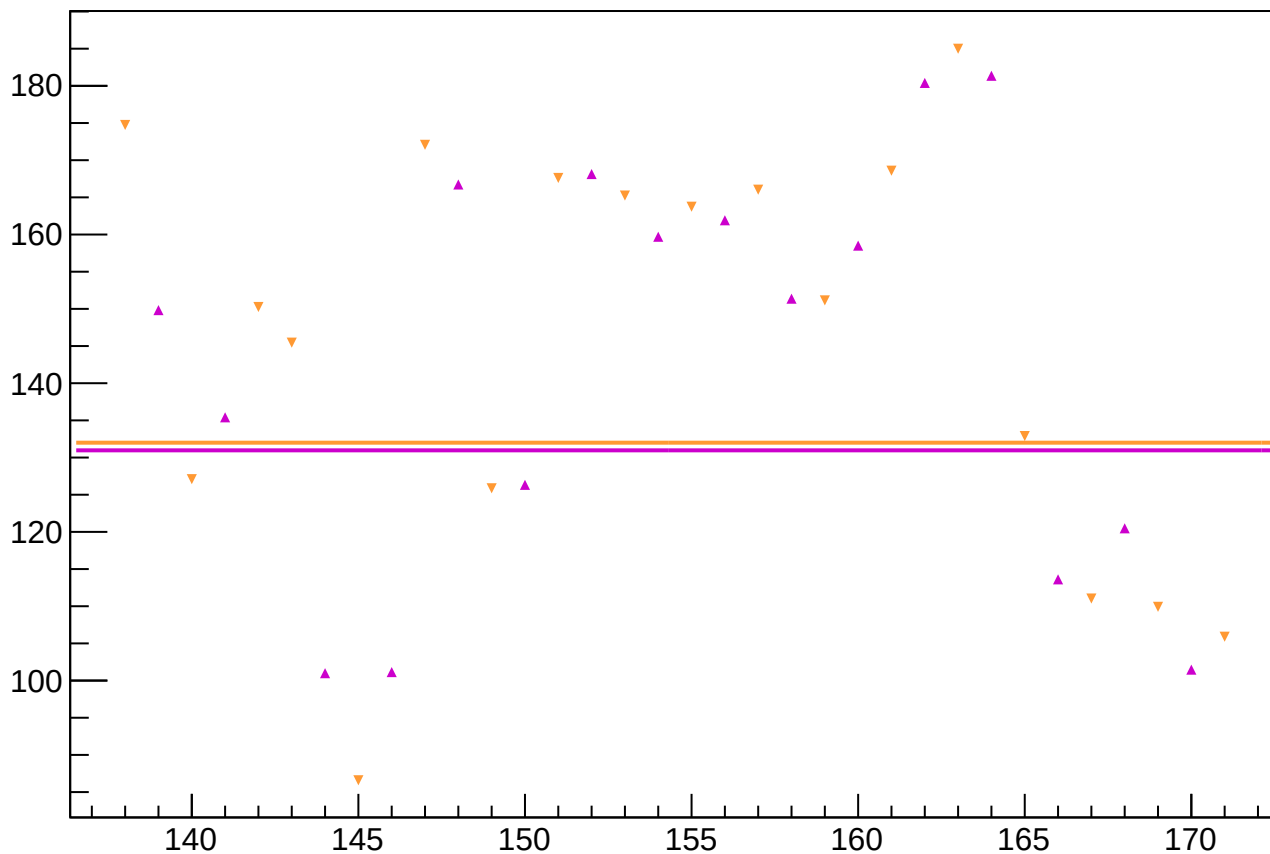
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.550 $\pm$ 37.919 χ^2 /NDF:27.2/15

Out: 146.707 $\pm$ 36.795 χ^2 /NDF:22.6/17

All: 71.414 $\pm$ 26.406 χ^2 /NDF: 58.4/33

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



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

Left Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

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

Left In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Left: 131.501+/-0.019 χ^2/NDF : 2352943.7/33

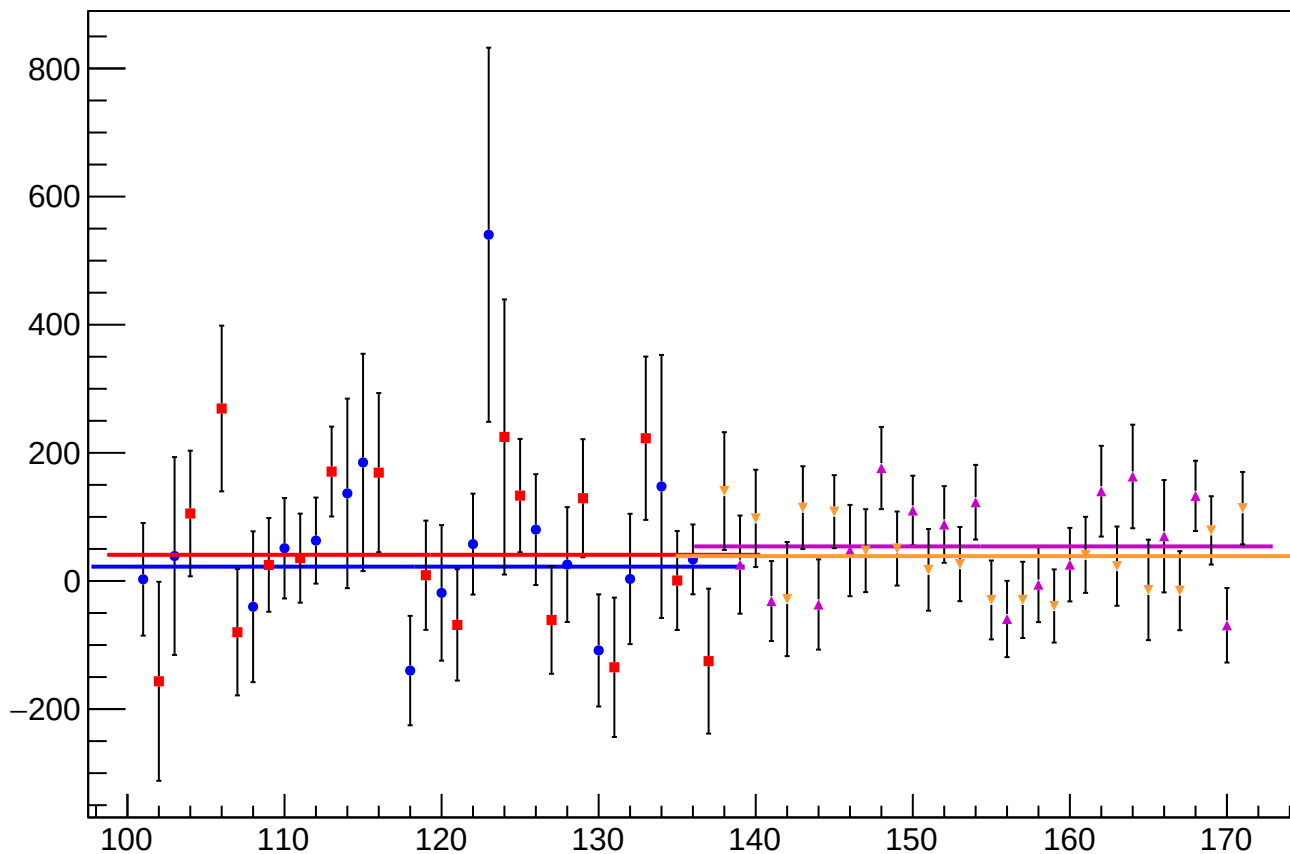
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.970+/-0.027 χ^2/NDF :1026013.9/15

Out: 132.000+/-0.026 χ^2/NDF :1326169.2/17

All: 131.501+/-0.019 χ^2/NDF : 2352943.7/33

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.732 $\pm$ 14.849 χ^2 /NDF:13.5/17

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 53.946 $\pm$ 15.872 χ^2 /NDF:24.9/15

Left: 45.833 $\pm$ 10.843 χ^2 /NDF: 38.8/33

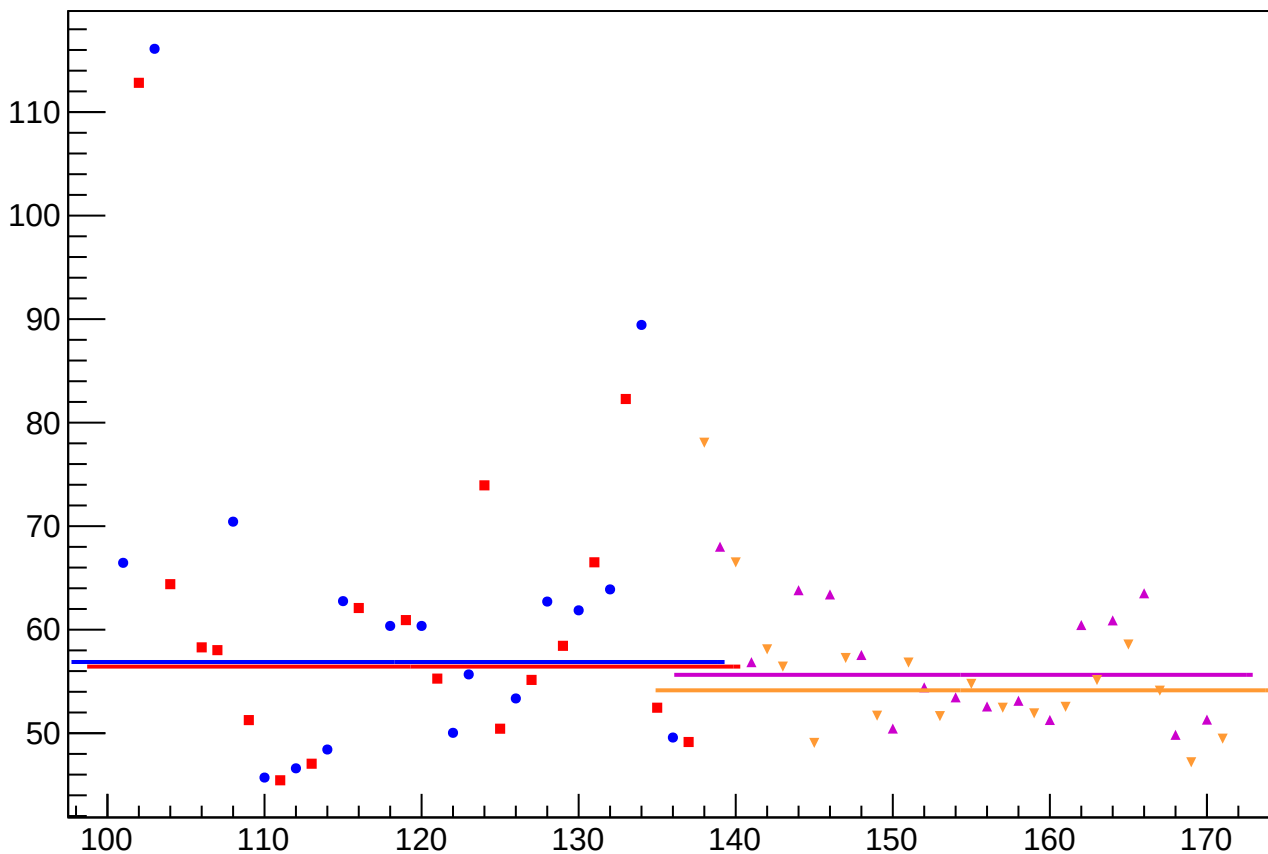
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 43.528 $\pm$ 12.994 χ^2 /NDF:38.8/32

Out: 39.395 $\pm$ 12.331 χ^2 /NDF:37.7/35

All: 41.354 $\pm$ 8.945 χ^2 /NDF: 76.5/68

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 54.142 $\pm$ 0.010 χ^2 /NDF: 286832.7/17

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.639 $\pm$ 0.011 χ^2 /NDF: 215002.2/15

Left: 54.841 $\pm$ 0.008 χ^2 /NDF: 511316.1/33

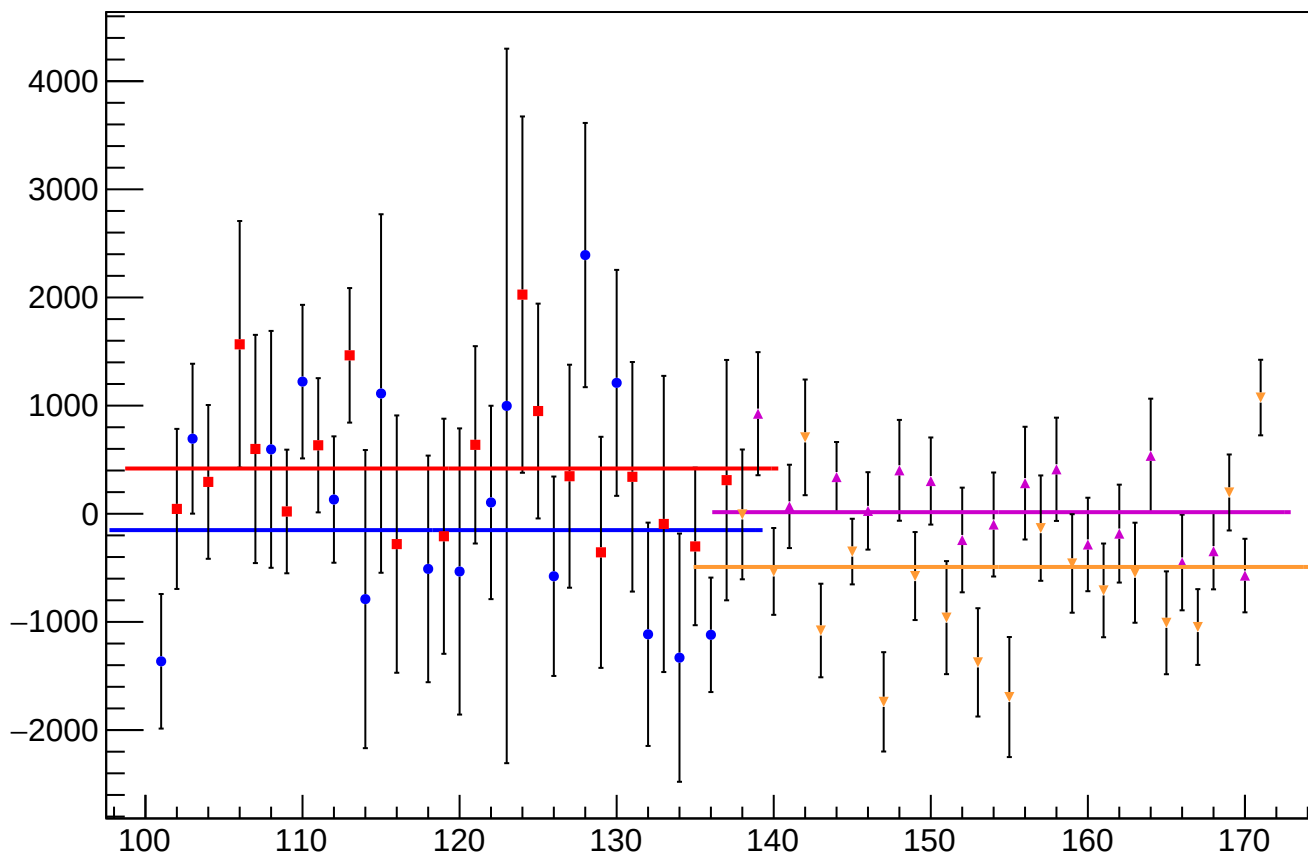
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.048 $\pm$ 0.009 χ^2 /NDF: 794515.9/32

Out: 54.853 $\pm$ 0.009 χ^2 /NDF: 822075.2/35

All: 55.419 $\pm$ 0.006 χ^2 /NDF: 1625480.8/68

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -491.800 $\pm$ 100.882 χ^2 /NDF:52.2/17

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 14.826 $\pm$ 105.317 χ^2 /NDF:12.8/15

Left: -249.379 $\pm$ 72.852 χ^2 /NDF: 77.1/33

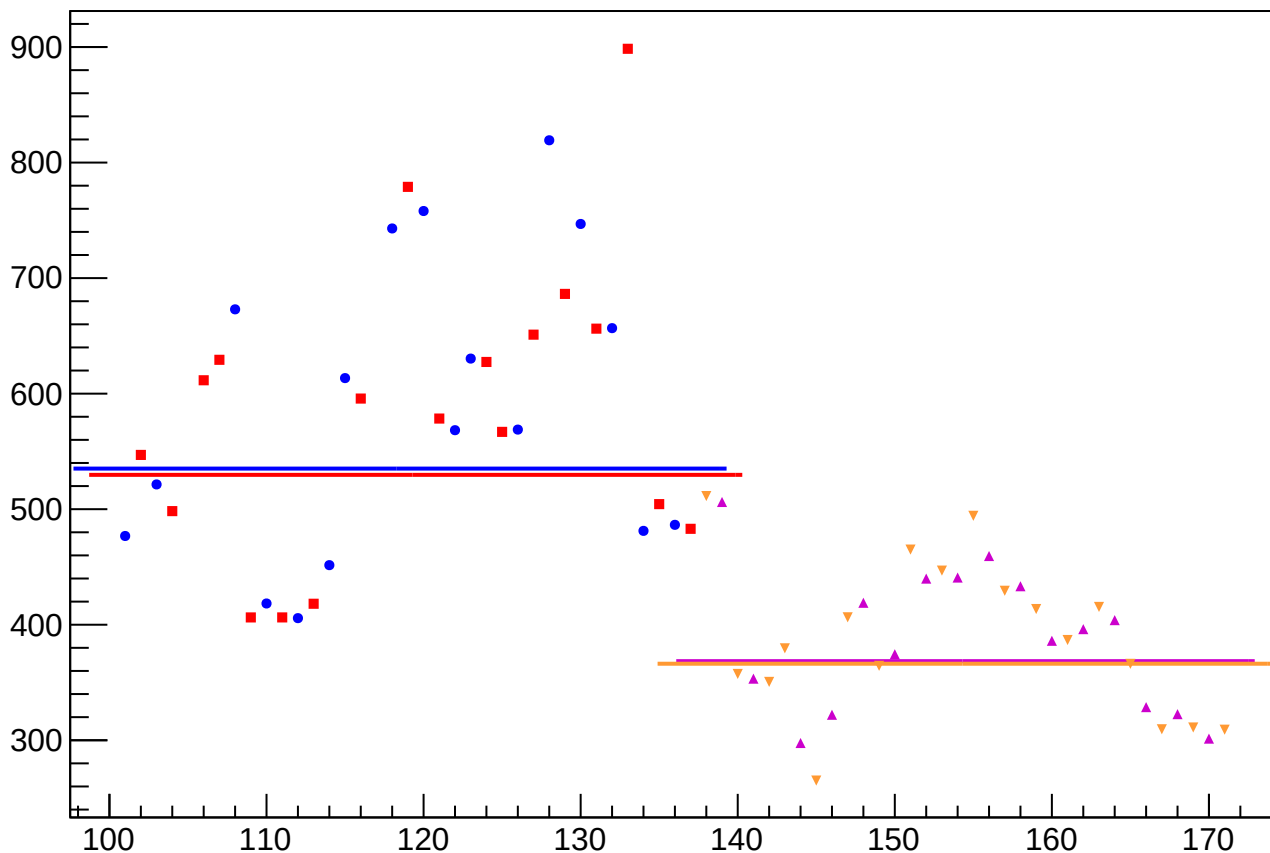
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: -17.925 $\pm$ 94.359 χ^2 /NDF:35.8/32

Out: -314.407 $\pm$ 90.521 χ^2 /NDF:76.5/35

All: -172.318 $\pm$ 65.322 χ^2 /NDF: 117.4/68

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2/NDF : 596084.8/16

Left Out: 366.240 $\pm$ 0.071 χ^2/NDF : 826261.7/17

Right Out: 529.720 $\pm$ 0.145 χ^2/NDF : 646725.7/17

Left In: 368.475 $\pm$ 0.074 χ^2/NDF : 607571.2/15

Left: 367.309 $\pm$ 0.052 χ^2/NDF : 1434302.7/33

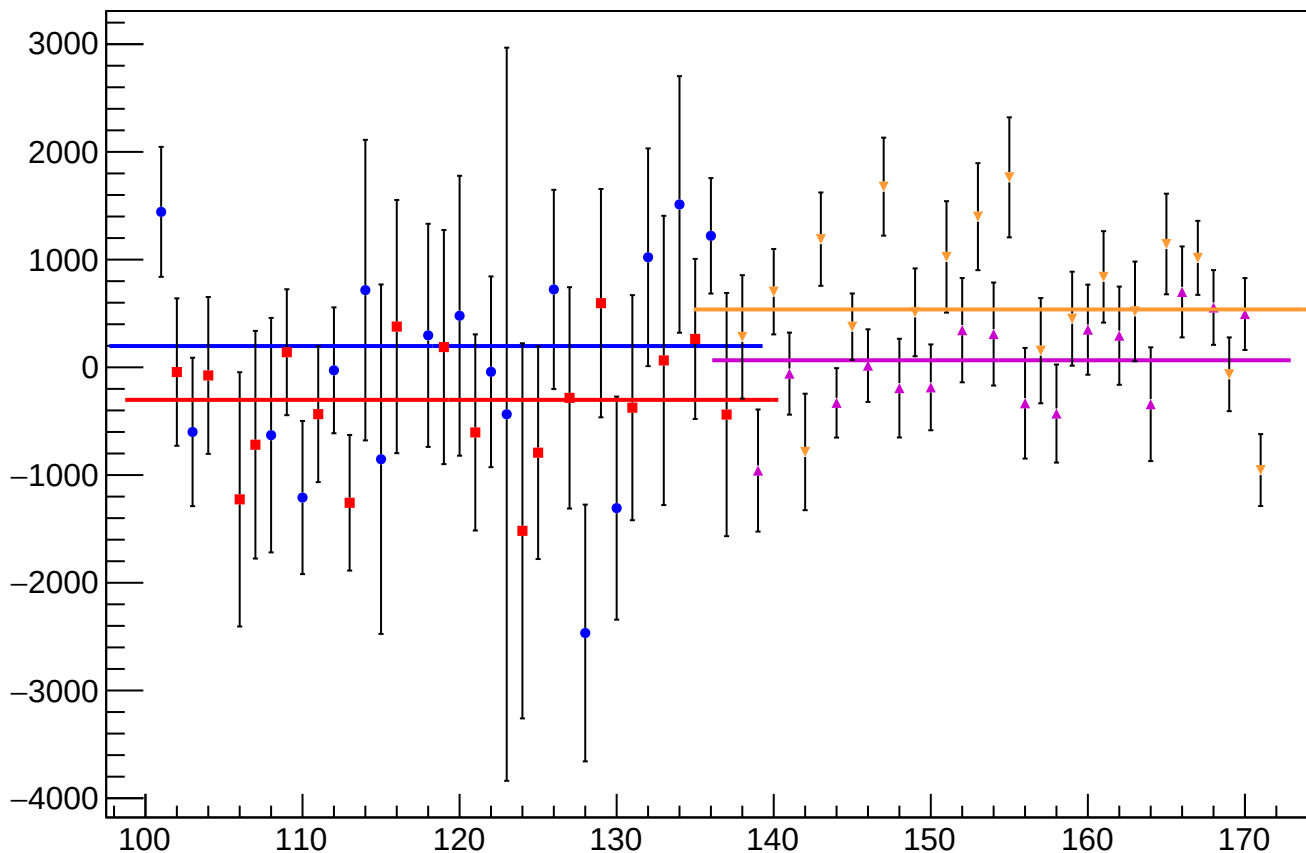
Right: 532.333 $\pm$ 0.104 χ^2/NDF : 1243483.8/34

In: 401.353 $\pm$ 0.067 χ^2/NDF : 2191683.8/32

Out: 398.096 $\pm$ 0.064 χ^2/NDF : 2496425.1/35

All: 399.657 $\pm$ 0.046 χ^2/NDF : 4689349.6/68

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 537.506 $\pm$ 99.634 χ^2 /NDF:51.8/17

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: 65.594 $\pm$ 103.260 χ^2 /NDF:15.2/15

Left: 309.981 $\pm$ 71.700 χ^2 /NDF: 77.8/33

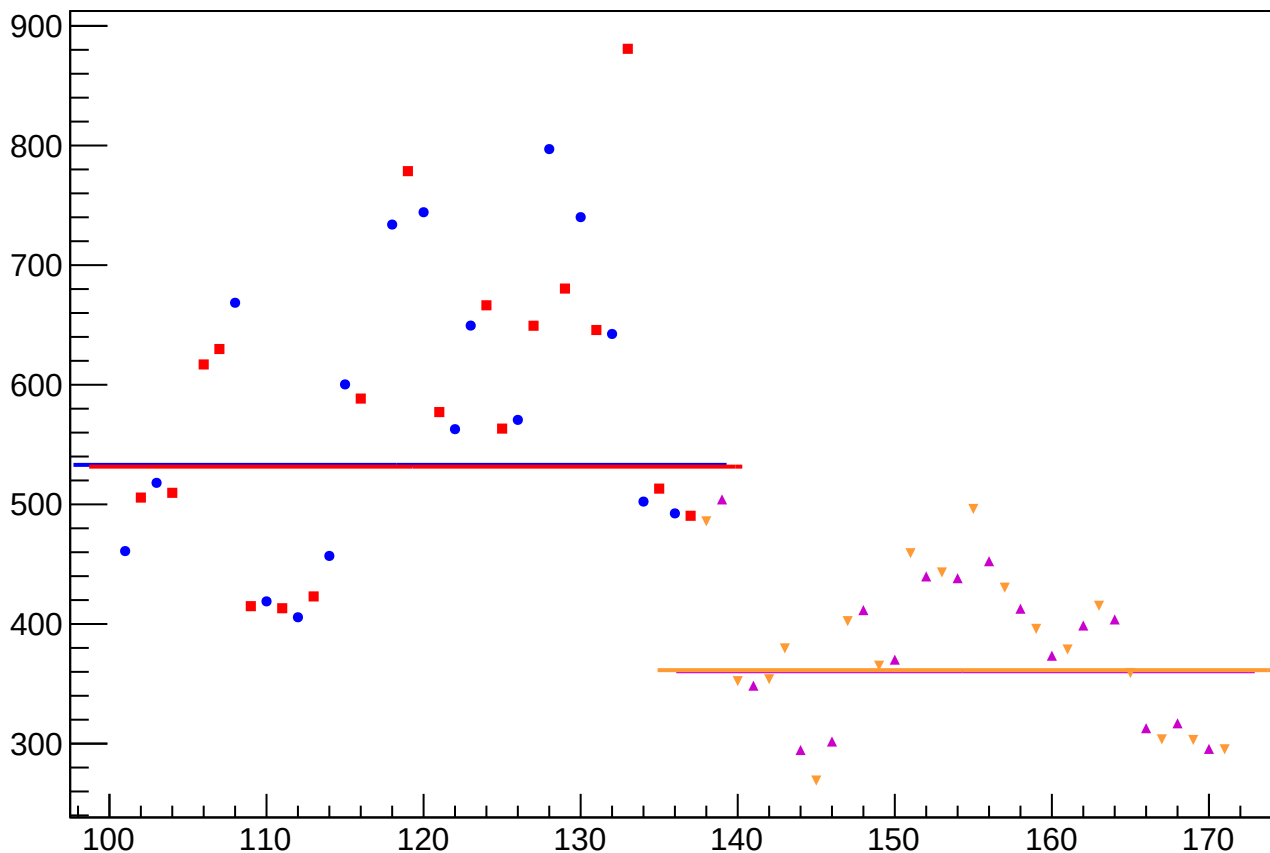
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 91.000 $\pm$ 92.790 χ^2 /NDF:39.4/32

Out: 378.003 $\pm$ 89.669 χ^2 /NDF:71.9/35

All: 239.409 $\pm$ 64.481 χ^2 /NDF: 116.3/68

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 361.408 $\pm$ 0.070 χ^2 /NDF: 813024.3/17

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 360.494 $\pm$ 0.073 χ^2 /NDF: 659919.1/15

Left: 360.968 $\pm$ 0.051 χ^2 /NDF: 1473024.5/33

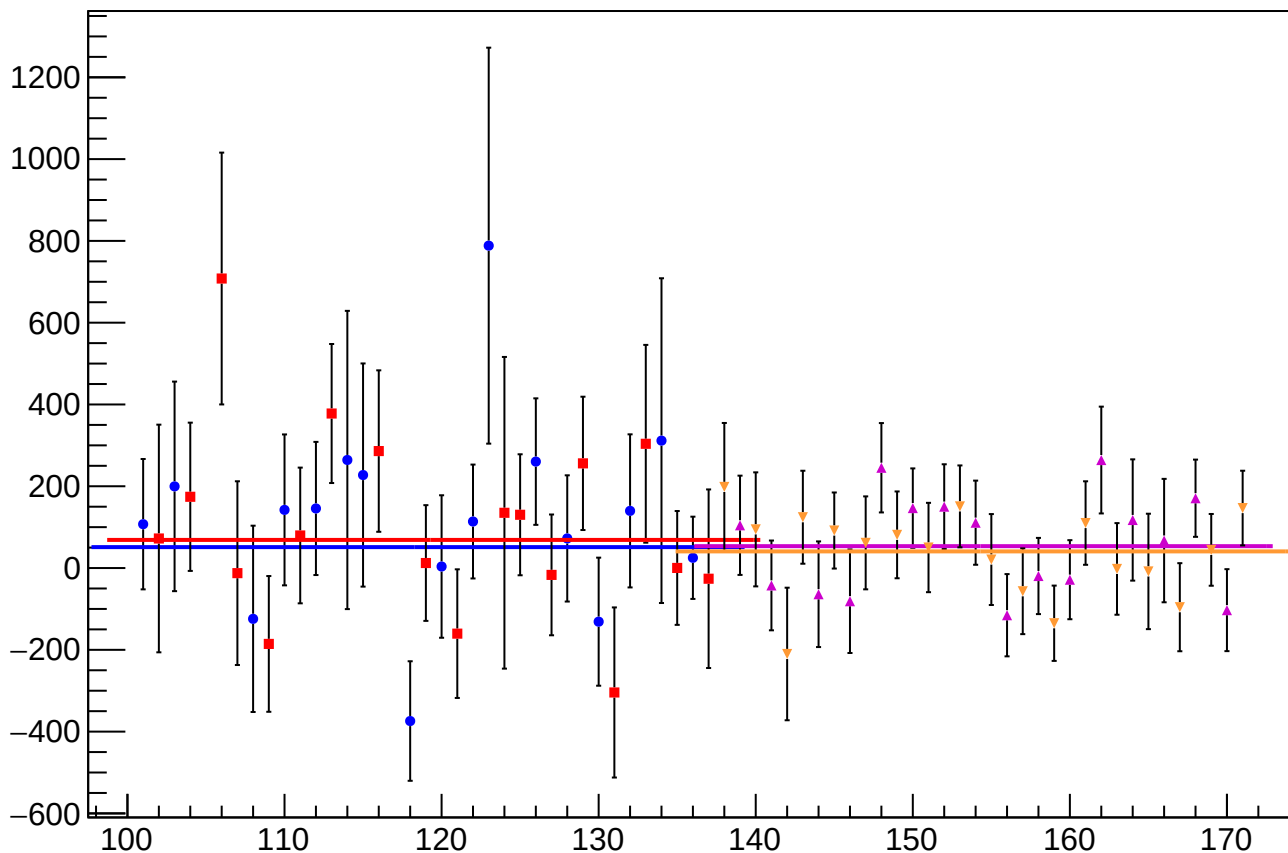
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 393.710 $\pm$ 0.066 χ^2 /NDF: 2301728.5/32

Out: 393.742 $\pm$ 0.063 χ^2 /NDF: 2519355.6/35

All: 393.726 $\pm$ 0.046 χ^2 /NDF: 4821084.2/68

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 40.710 $\pm$ 25.609 χ^2 /NDF:14.0/17

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 53.502 $\pm$ 27.404 χ^2 /NDF:19.0/15

Left: 46.674 $\pm$ 18.711 χ^2 /NDF: 33.1/33

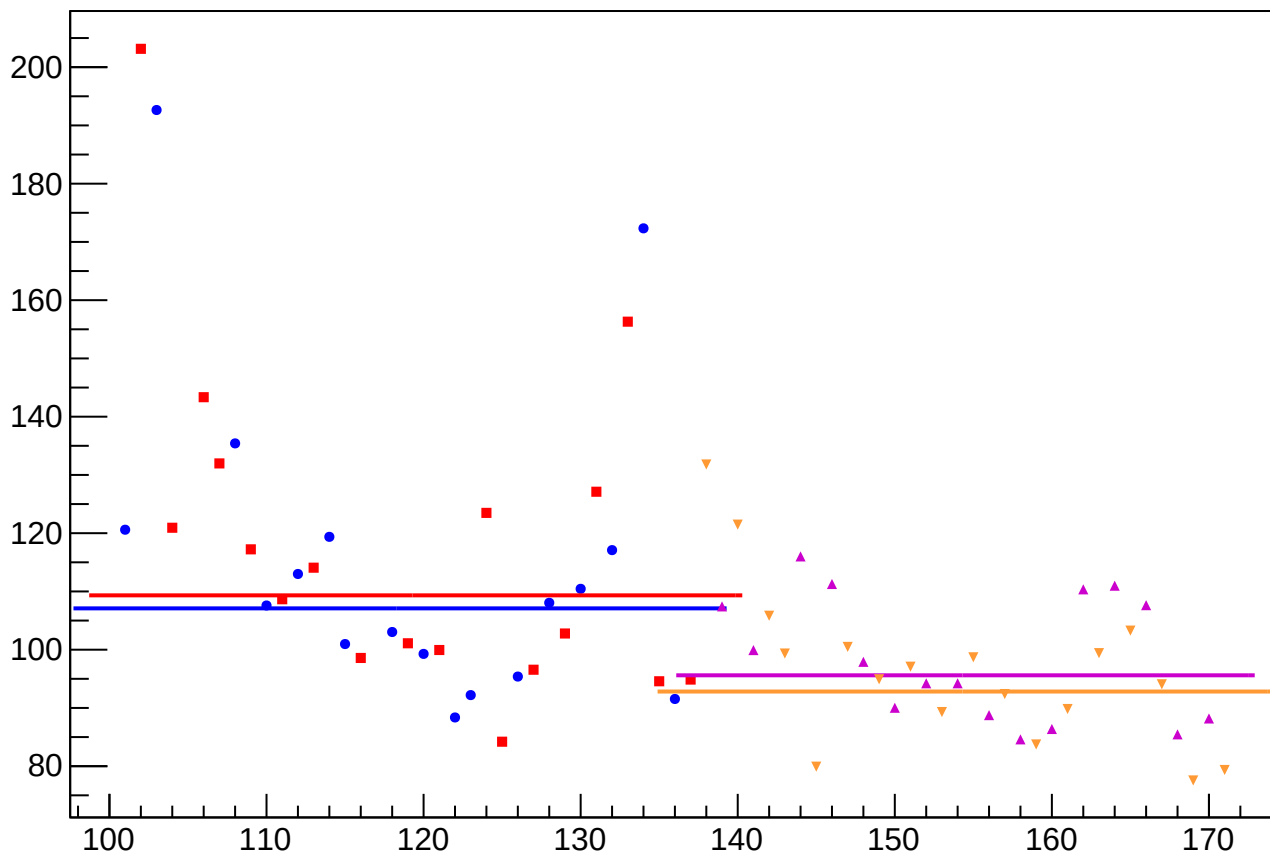
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 52.814 $\pm$ 23.018 χ^2 /NDF:36.4/32

Out: 48.109 $\pm$ 21.976 χ^2 /NDF:34.7/35

All: 50.353 $\pm$ 15.895 χ^2 /NDF: 71.1/68

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 92.818 $\pm$ 0.018 χ^2 /NDF:430974.1/17

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 95.603 $\pm$ 0.019 χ^2 /NDF:259907.8/15

Left: 94.117 $\pm$ 0.013 χ^2 /NDF: 701907.8/33

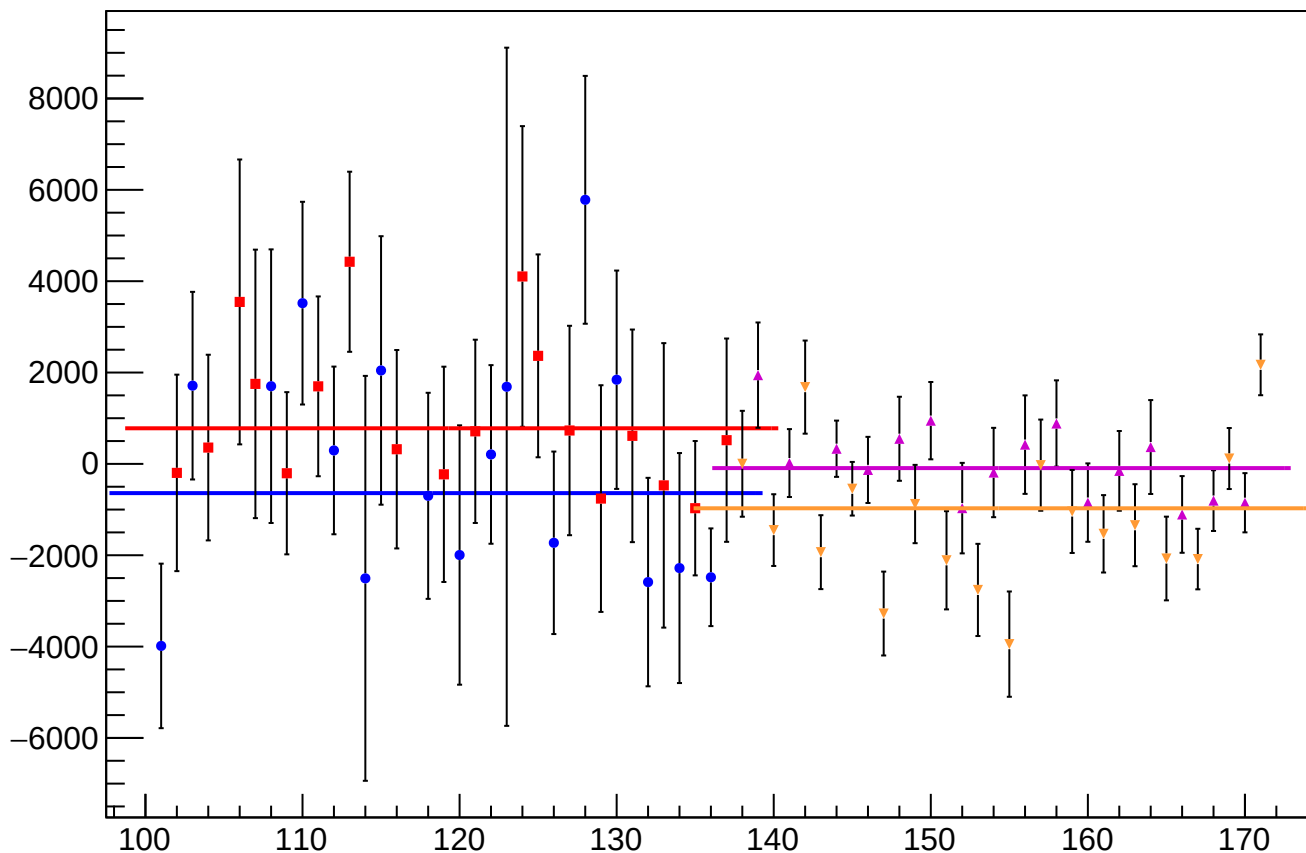
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 98.987 $\pm$ 0.016 χ^2 /NDF:801215.0/32

Out: 97.171 $\pm$ 0.016 χ^2 /NDF:1156140.9/35

All: 98.037 $\pm$ 0.011 χ^2 /NDF: 1963871.2/68

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -972.032 ± 197.203 $\chi^2/\text{NDF}: 57.7/17$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: -92.159 ± 206.711 $\chi^2/\text{NDF}: 12.6/15$

Left: -552.796 ± 142.687 $\chi^2/\text{NDF}: 79.8/33$

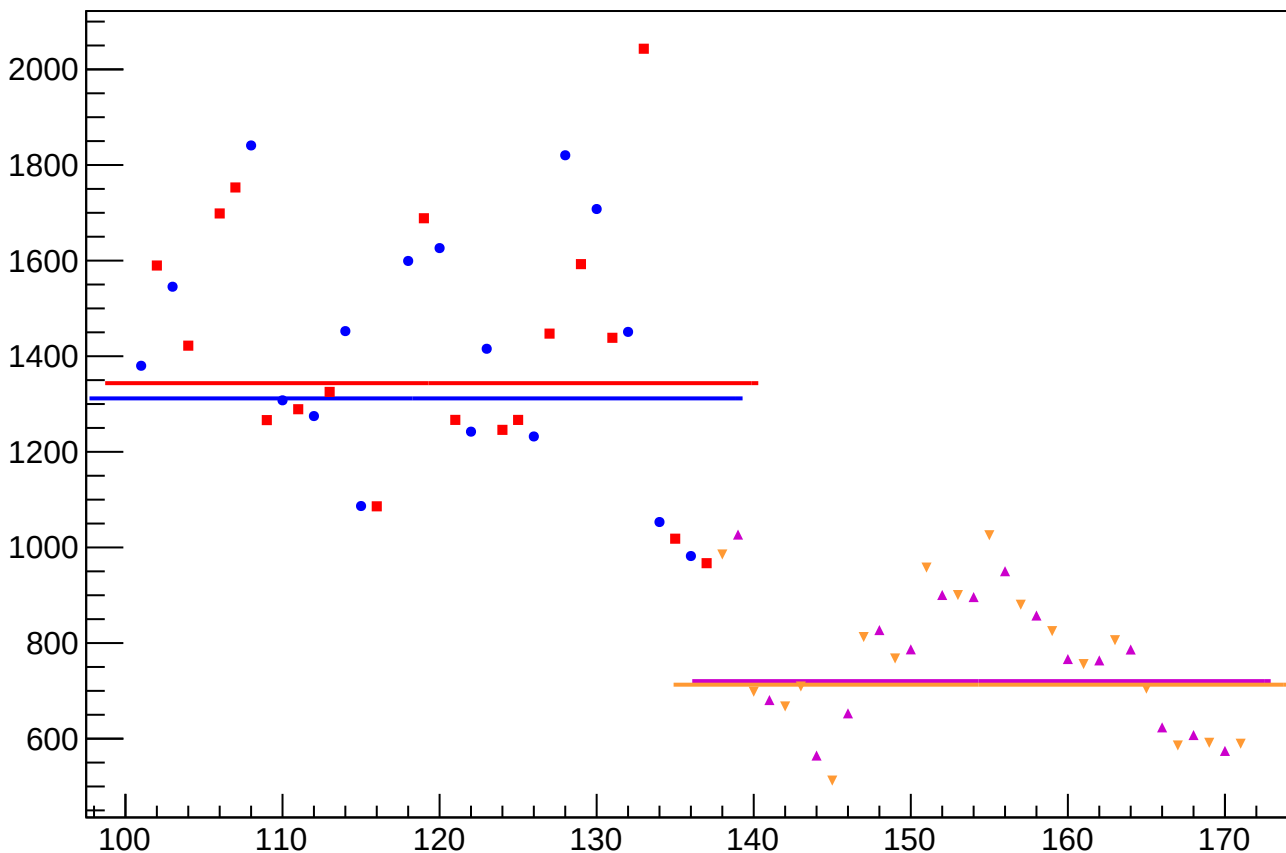
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: -167.083 ± 192.052 $\chi^2/\text{NDF}: 35.4/32$

Out: -749.154 ± 184.229 $\chi^2/\text{NDF}: 76.5/35$

All: -470.215 ± 132.949 $\chi^2/\text{NDF}: 116.7/68$

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: 712.935 $\pm$ 0.139 χ^2/NDF : 1022283.5/17

Right Out: 1343.659 $\pm$ 0.365 χ^2/NDF : 461009.9/17

Left In: 720.406 $\pm$ 0.146 χ^2/NDF : 799840.0/15

Left: 716.495 $\pm$ 0.101 χ^2/NDF : 1823491.4/33

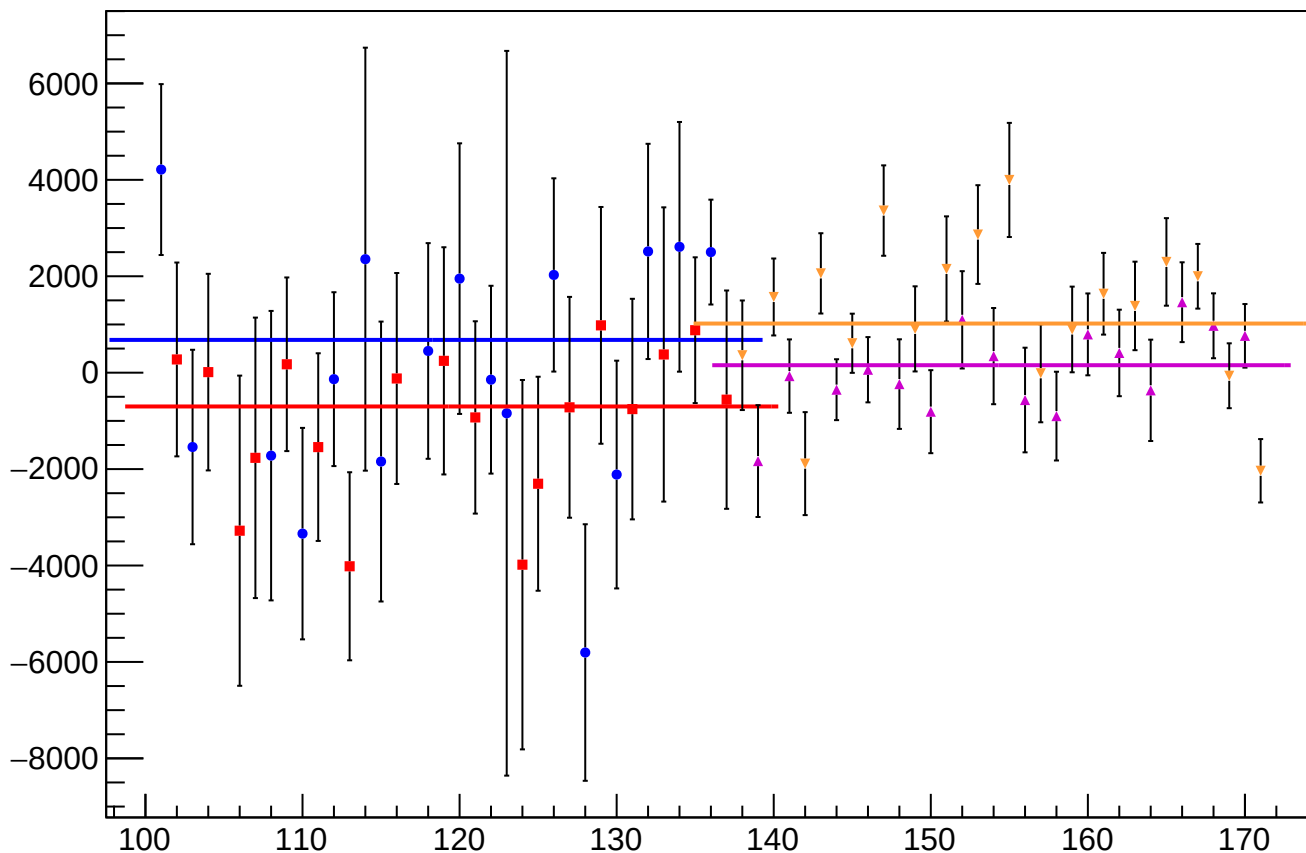
Right: 1327.813 $\pm$ 0.259 χ^2/NDF : 977472.0/34

In: 801.309 $\pm$ 0.136 χ^2/NDF : 3551944.1/32

Out: 793.195 $\pm$ 0.130 χ^2/NDF : 4086697.1/35

All: 797.083 $\pm$ 0.094 χ^2/NDF : 7640500.4/68

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1019.131+/-199.941 χ^2/NDF : 57.2/17

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: 154.887+/-207.707 χ^2/NDF : 13.5/15

Left: 603.468+/-144.047 χ^2/NDF : 79.6/33

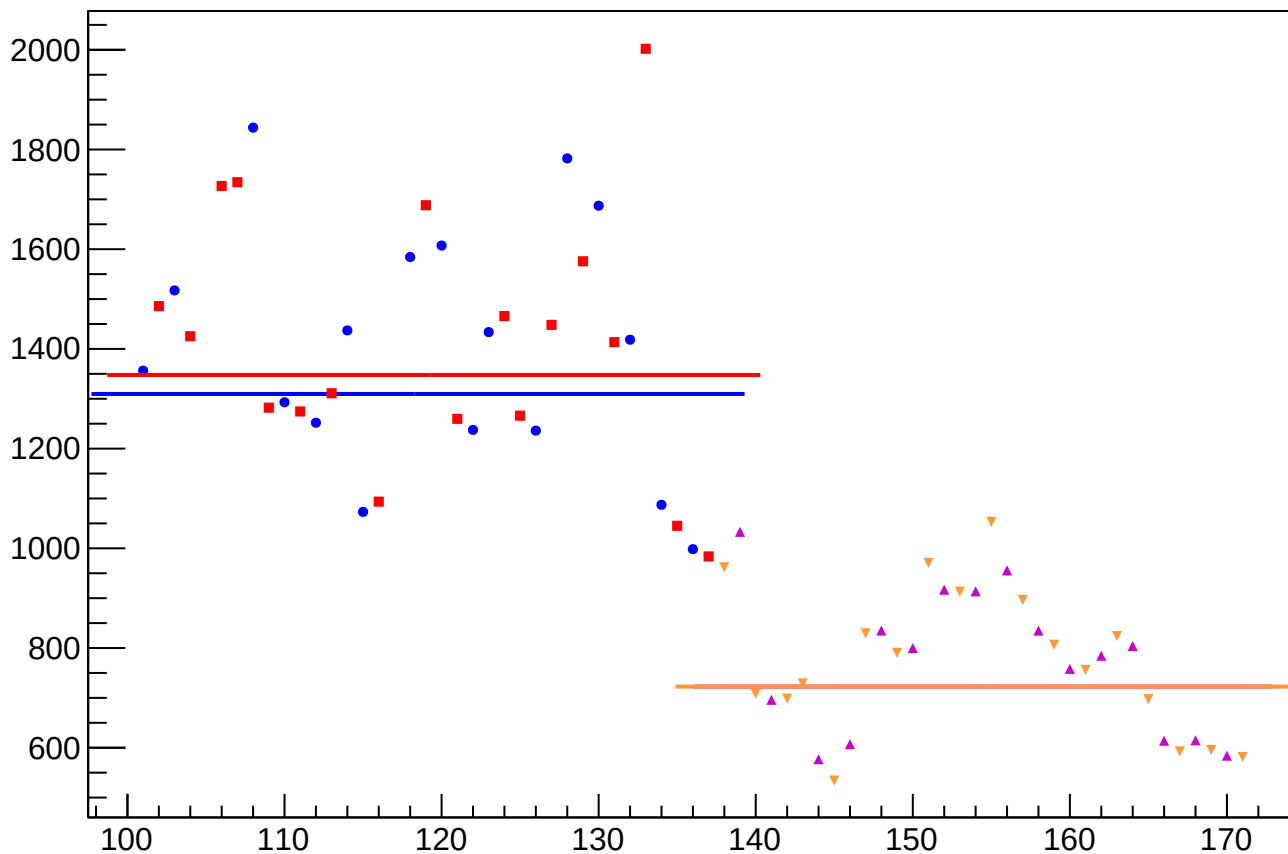
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 227.731+/-192.761 χ^2/NDF : 36.9/32

Out: 795.586+/-186.496 χ^2/NDF : 74.4/35

All: 521.035+/-134.033 χ^2/NDF : 115.8/68

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 722.628 $\pm$ 0.141 χ^2/NDF : 989361.1/17

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 722.690 $\pm$ 0.147 χ^2/NDF : 824237.5/15

Left: 722.658 $\pm$ 0.102 χ^2/NDF : 1813598.7/33

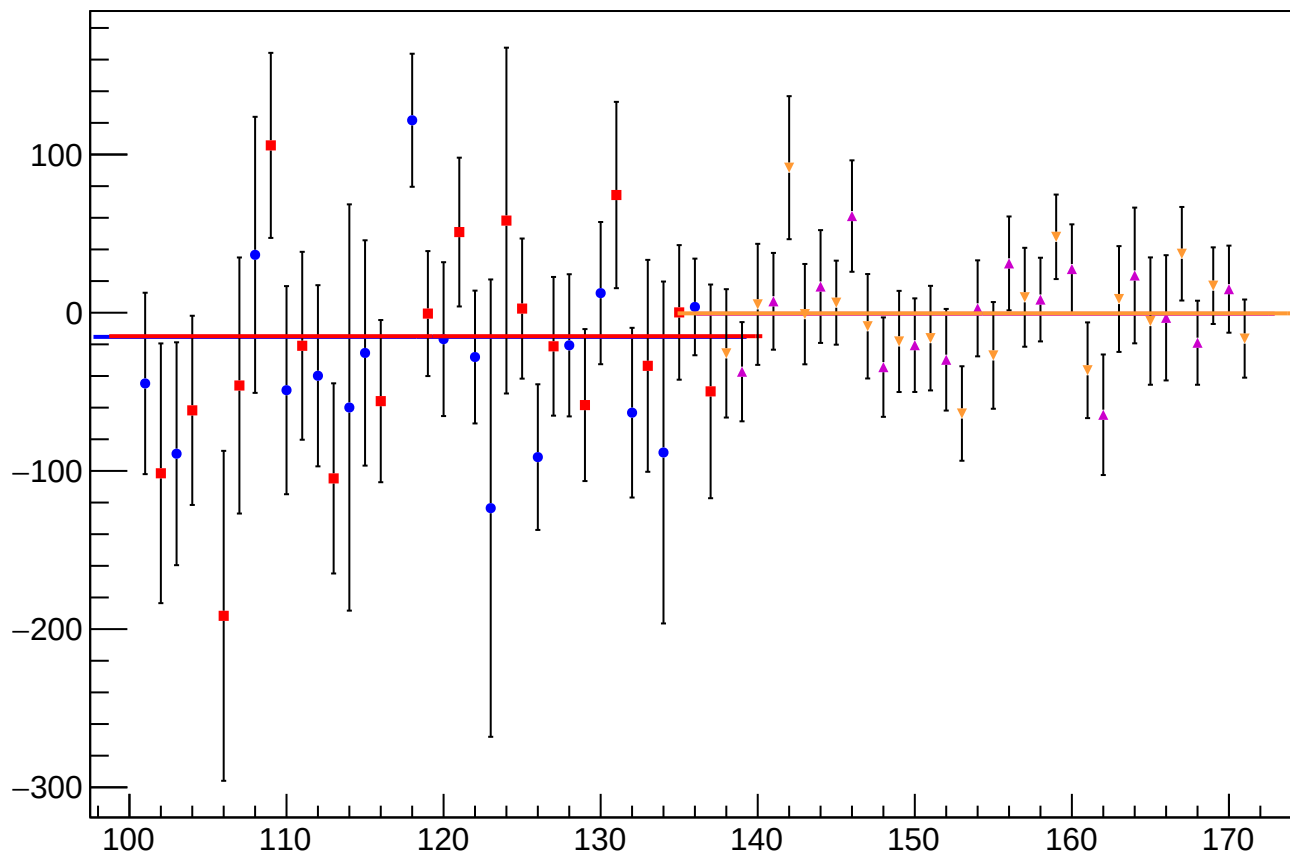
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 804.126 $\pm$ 0.136 χ^2/NDF : 3499465.5/32

Out: 803.873 $\pm$ 0.132 χ^2/NDF : 3935701.1/35

All: 803.995 $\pm$ 0.095 χ^2/NDF : 7435168.4/68

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.408 ± 7.348 χ^2/NDF : 17.8/17

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.676 ± 7.829 χ^2/NDF : 13.4/15

Left: -0.533 ± 5.358 χ^2/NDF : 31.2/33

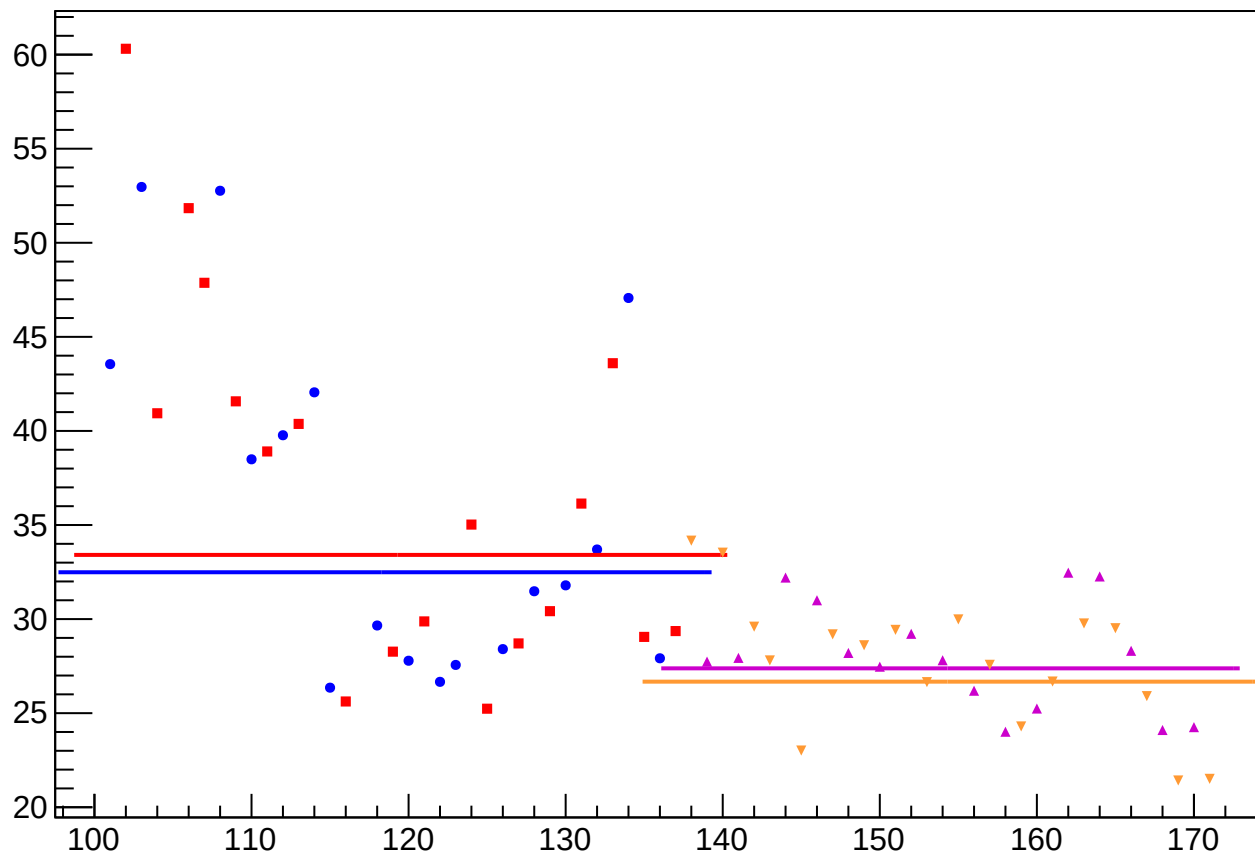
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -4.604 ± 6.694 χ^2/NDF : 32.6/32

Out: -3.862 ± 6.408 χ^2/NDF : 36.9/35

All: -4.217 ± 4.629 χ^2/NDF : 69.5/68

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: 26.675 $\pm$ 0.005 χ^2/NDF : 460877.2/17

Right Out: 33.411 $\pm$ 0.009 χ^2/NDF : 725189.8/17

Left In: 27.382 $\pm$ 0.006 χ^2/NDF : 232931.2/15

Left: 27.006 $\pm$ 0.004 χ^2/NDF : 702476.4/33

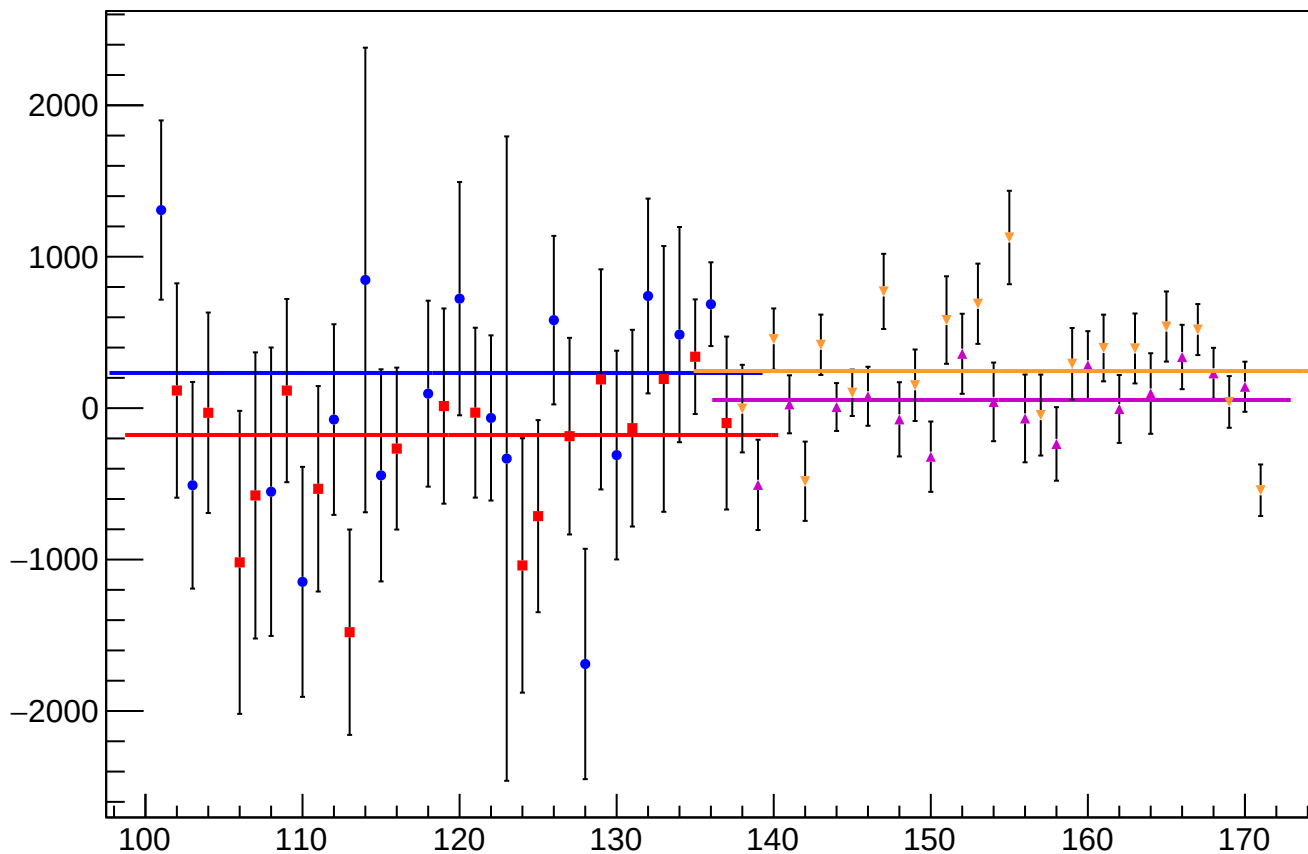
Right: 32.943 $\pm$ 0.007 χ^2/NDF : 1324698.1/34

In: 28.755 $\pm$ 0.005 χ^2/NDF : 1056347.5/32

Out: 28.288 $\pm$ 0.005 χ^2/NDF : 1588458.6/35

All: 28.511 $\pm$ 0.003 χ^2/NDF : 2649903.0/68

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 244.978 $\pm$ 51.063 χ^2 /NDF:57.3/17

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: 53.939 $\pm$ 53.792 χ^2 /NDF:13.7/15

Left: 154.428 $\pm$ 37.034 χ^2 /NDF: 77.7/33

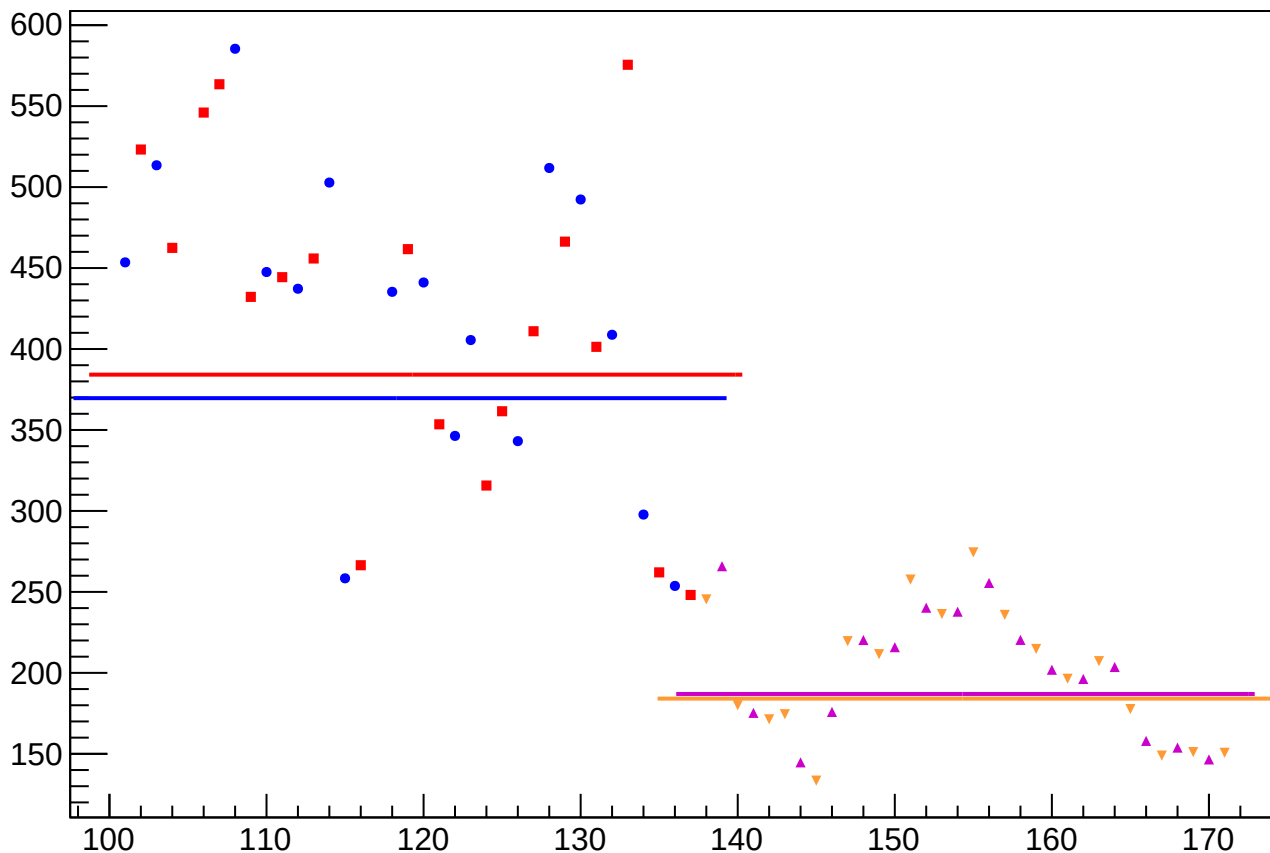
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 74.605 $\pm$ 50.581 χ^2 /NDF:36.5/32

Out: 201.141 $\pm$ 48.339 χ^2 /NDF:74.0/35

All: 140.739 $\pm$ 34.946 χ^2 /NDF: 113.8/68

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 184.102 $\pm$ 0.036 χ^2 /NDF: 1140486.0/17

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 186.973 $\pm$ 0.038 χ^2 /NDF: 926392.0/15

Left: 185.463 $\pm$ 0.026 χ^2 /NDF: 2069873.6/33

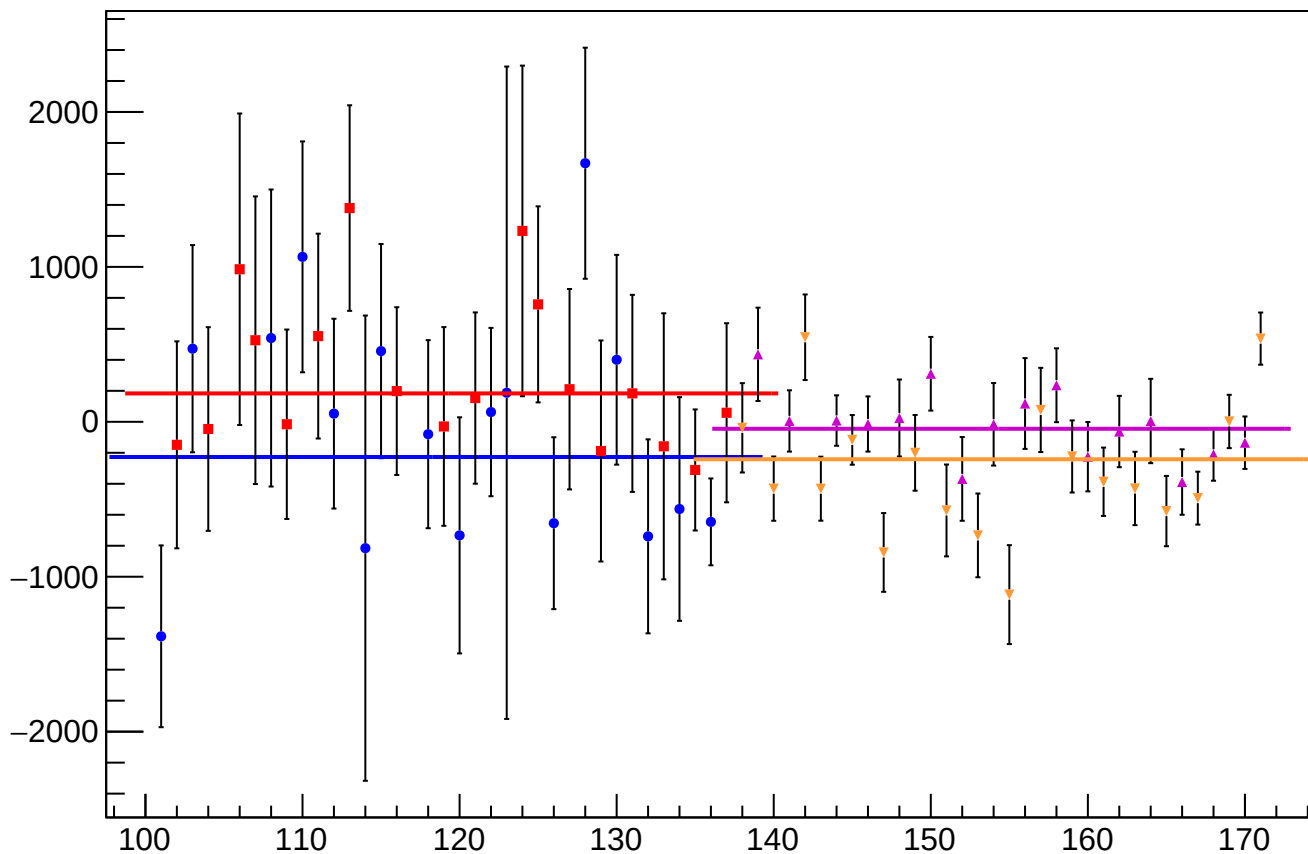
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 208.136 $\pm$ 0.036 χ^2 /NDF: 4501216.3/32

Out: 204.879 $\pm$ 0.034 χ^2 /NDF: 5203867.8/35

All: 206.433 $\pm$ 0.025 χ^2 /NDF: 9709417.6/68

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -241.714+/-51.927 χ^2/NDF : 58.7/17

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: -45.022+/-54.157 χ^2/NDF : 12.8/15

Left: -147.501+/-37.482 χ^2/NDF : 78.4/33

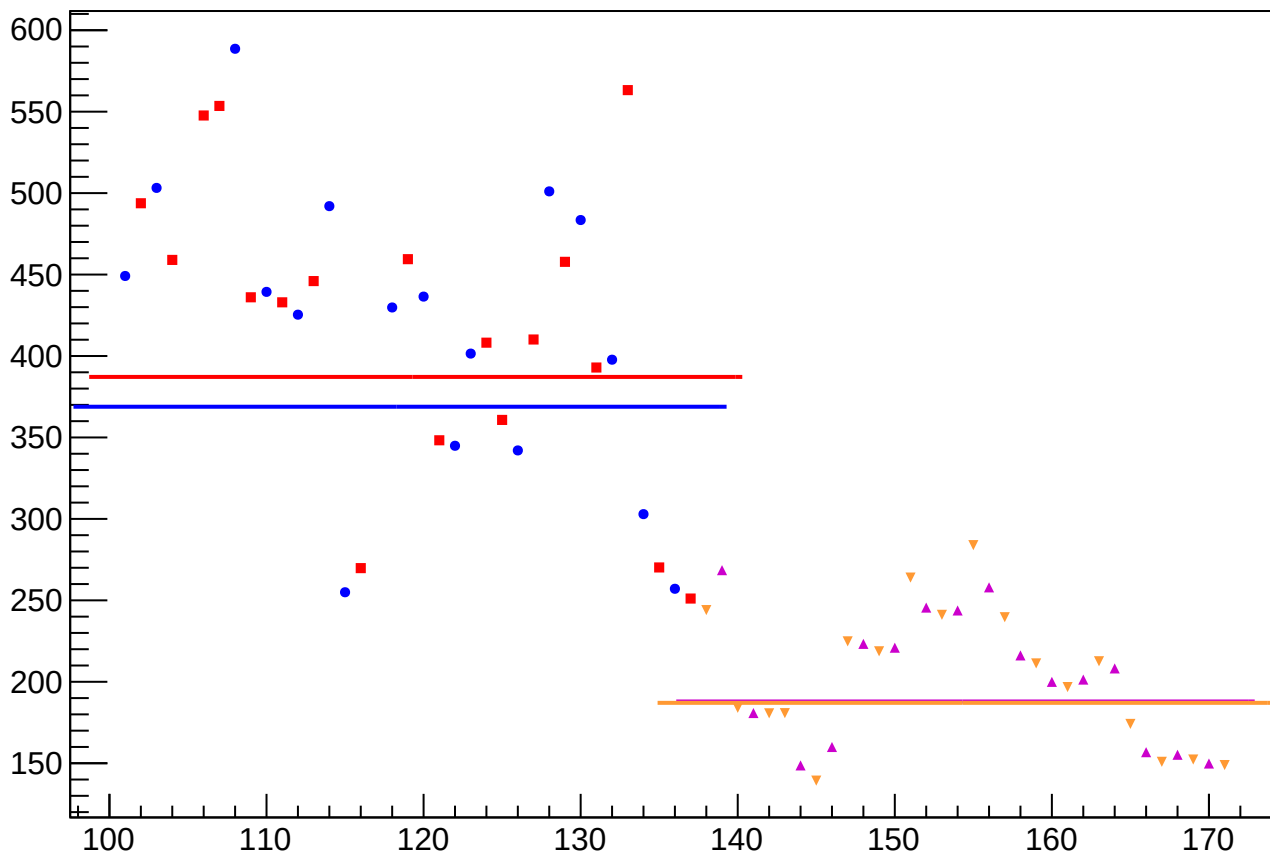
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -66.564+/-50.856 χ^2/NDF : 35.9/32

Out: -196.491+/-49.087 χ^2/NDF : 74.7/35

All: -133.827+/-35.319 χ^2/NDF : 114.0/68

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 187.083 $\pm$ 0.037 χ^2 /NDF: 1139014.6/17

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 187.925 $\pm$ 0.038 χ^2 /NDF: 954252.1/15

Left: 187.486 $\pm$ 0.027 χ^2 /NDF: 2093518.8/33

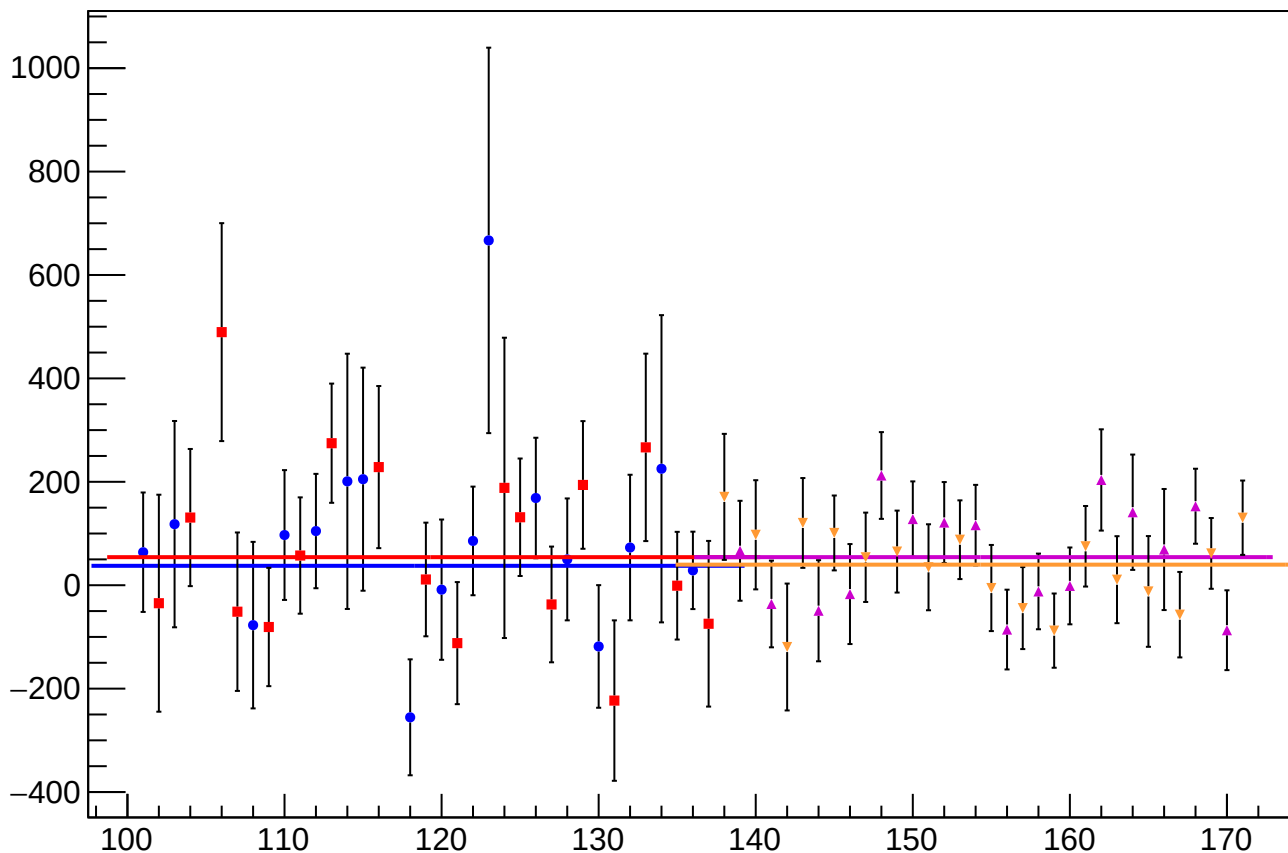
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 209.312 $\pm$ 0.036 χ^2 /NDF: 4422694.0/32

Out: 208.371 $\pm$ 0.035 χ^2 /NDF: 5056457.3/35

All: 208.825 $\pm$ 0.025 χ^2 /NDF: 9479505.4/68

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.776 $\pm$ 19.608 χ^2 /NDF:13.5/17

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 54.319 $\pm$ 20.986 χ^2 /NDF:21.6/15

Left: 46.554 $\pm$ 14.327 χ^2 /NDF: 35.3/33

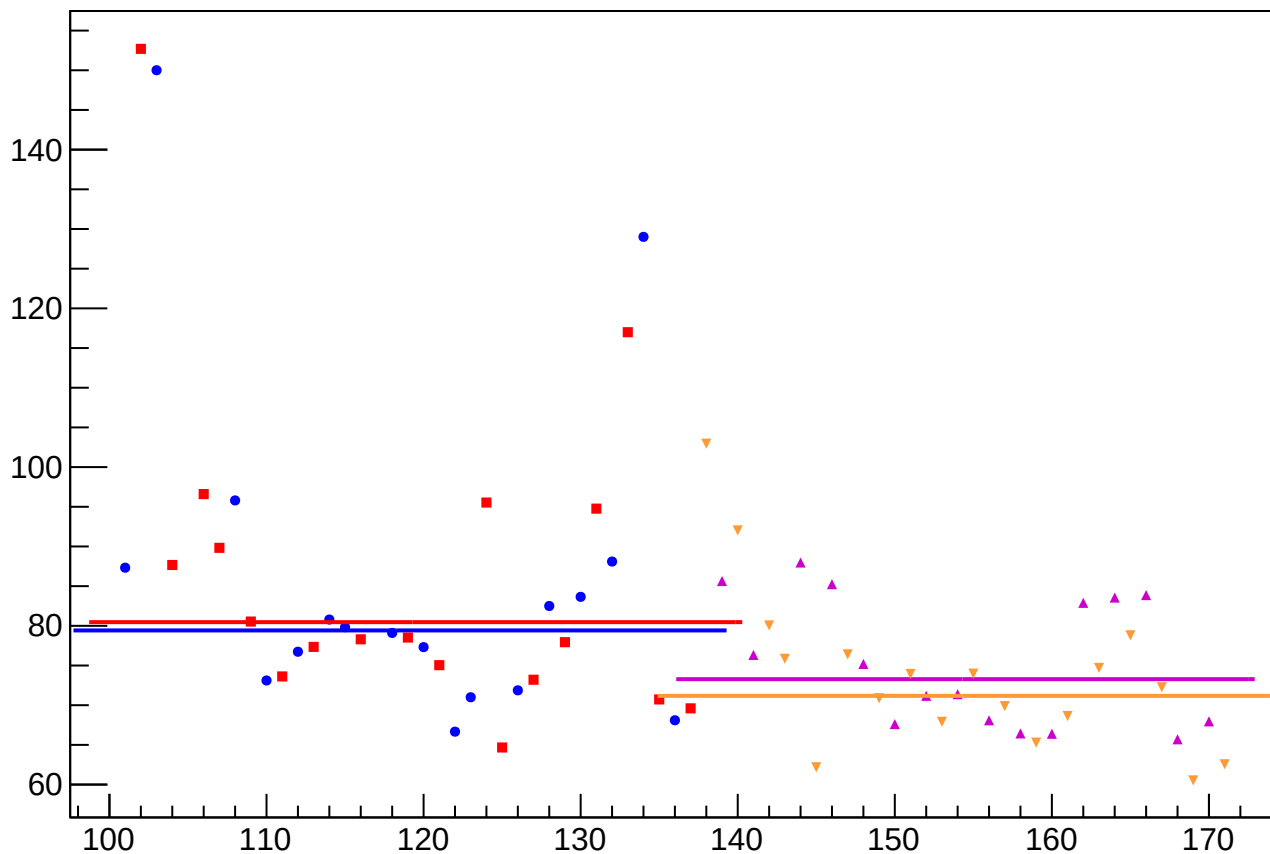
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 49.150 $\pm$ 17.458 χ^2 /NDF:37.6/32

Out: 43.827 $\pm$ 16.645 χ^2 /NDF:35.4/35

All: 46.362 $\pm$ 12.047 χ^2 /NDF: 73.1/68

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.179 $\pm$ 0.014 χ^2 /NDF: 383873.0/17

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.282 $\pm$ 0.015 χ^2 /NDF: 254551.2/15

Left: 72.159 $\pm$ 0.010 χ^2 /NDF: 649149.0/33

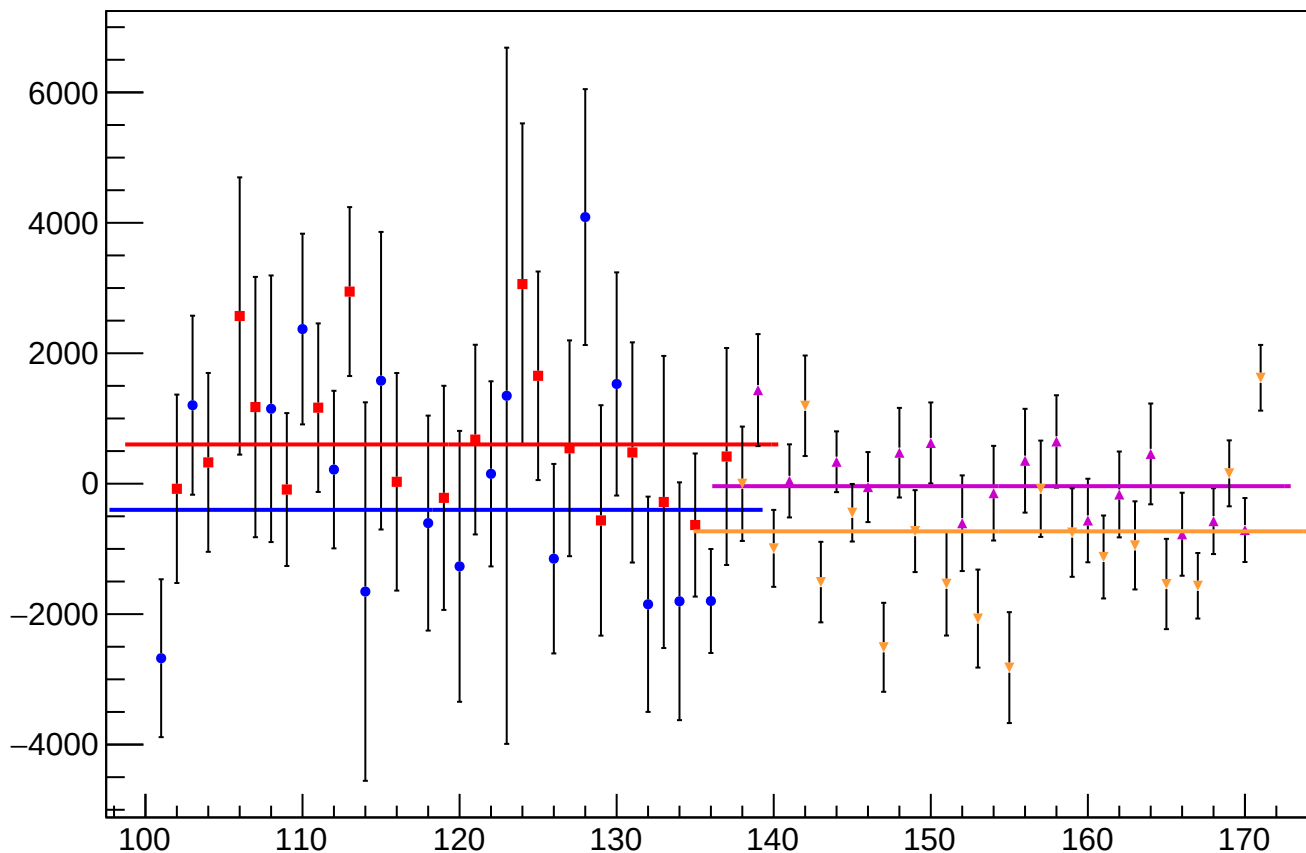
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.173 $\pm$ 0.012 χ^2 /NDF: 746304.9/32

Out: 73.774 $\pm$ 0.012 χ^2 /NDF: 963587.7/35

All: 74.440 $\pm$ 0.009 χ^2 /NDF: 1716620.1/68

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -730.734 $\pm$ 148.094 χ^2 /NDF:56.5/17

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: -38.083 $\pm$ 155.006 χ^2 /NDF:12.6/15

Left: -400.195 $\pm$ 107.078 χ^2 /NDF: 79.5/33

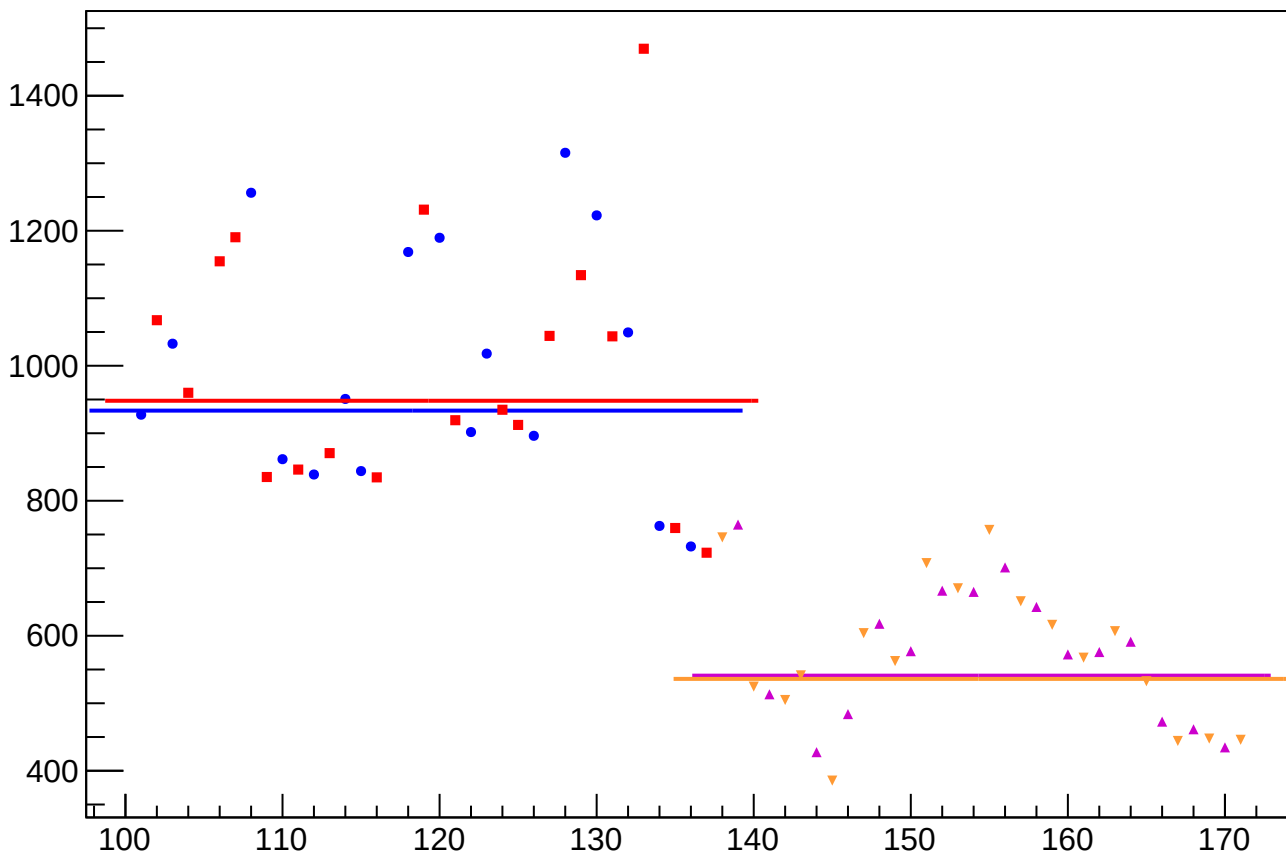
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: -92.655 $\pm$ 142.879 χ^2 /NDF:35.3/32

Out: -541.178 $\pm$ 137.157 χ^2 /NDF:76.7/35

All: -326.076 $\pm$ 98.946 χ^2 /NDF: 117.1/68

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 536.106 $\pm$ 0.105 χ^2 /NDF:961753.7/17

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 540.897 $\pm$ 0.110 χ^2 /NDF:738345.0/15

Left: 538.392 $\pm$ 0.076 χ^2 /NDF: 1701097.8/33

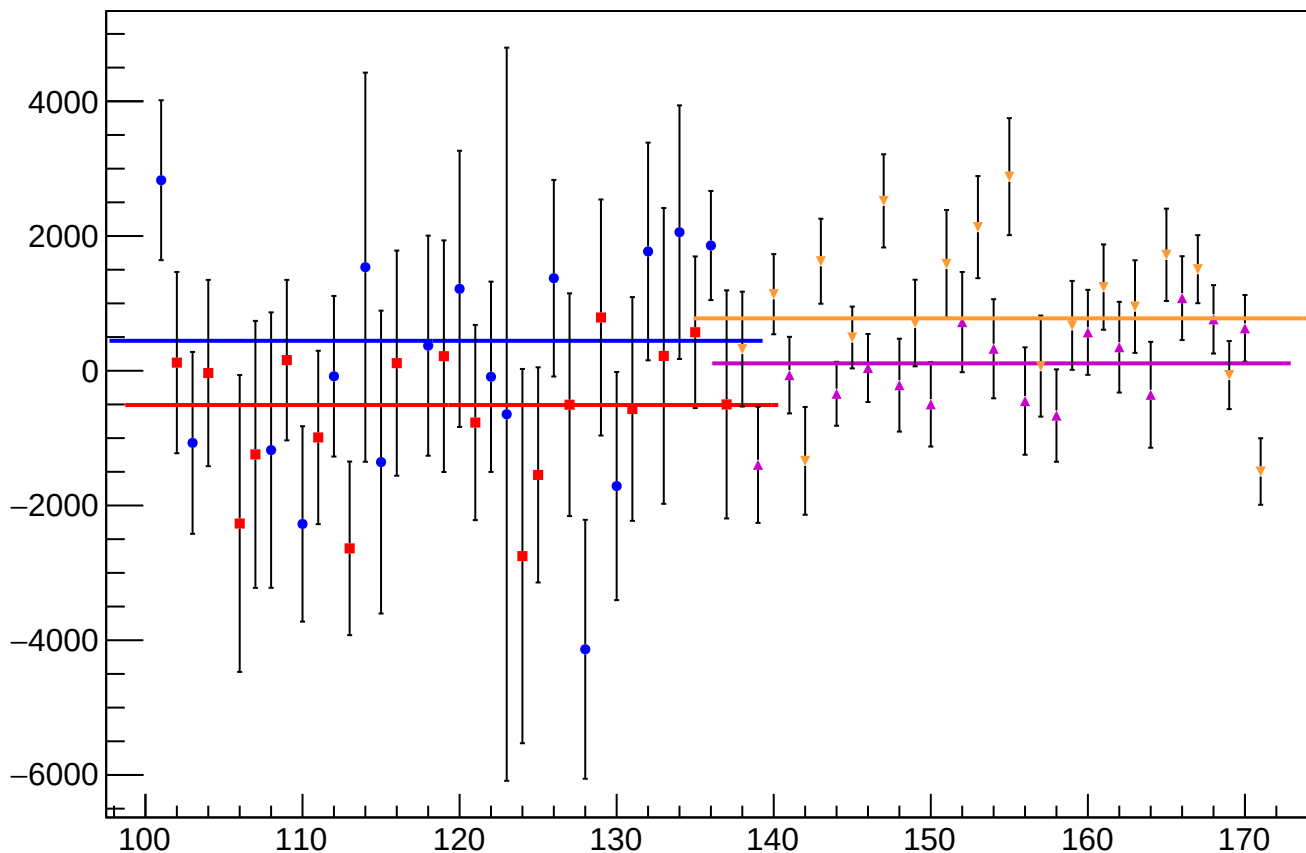
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 599.930 $\pm$ 0.101 χ^2 /NDF:3110039.3/32

Out: 594.713 $\pm$ 0.097 χ^2 /NDF:3568989.8/35

All: 597.215 $\pm$ 0.070 χ^2 /NDF: 6680416.6/68

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 778.131+/-149.191 χ^2/NDF : 55.8/17

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: 109.813+/-154.837 χ^2/NDF : 14.0/15

Left: 456.379+/-107.435 χ^2/NDF : 79.4/33

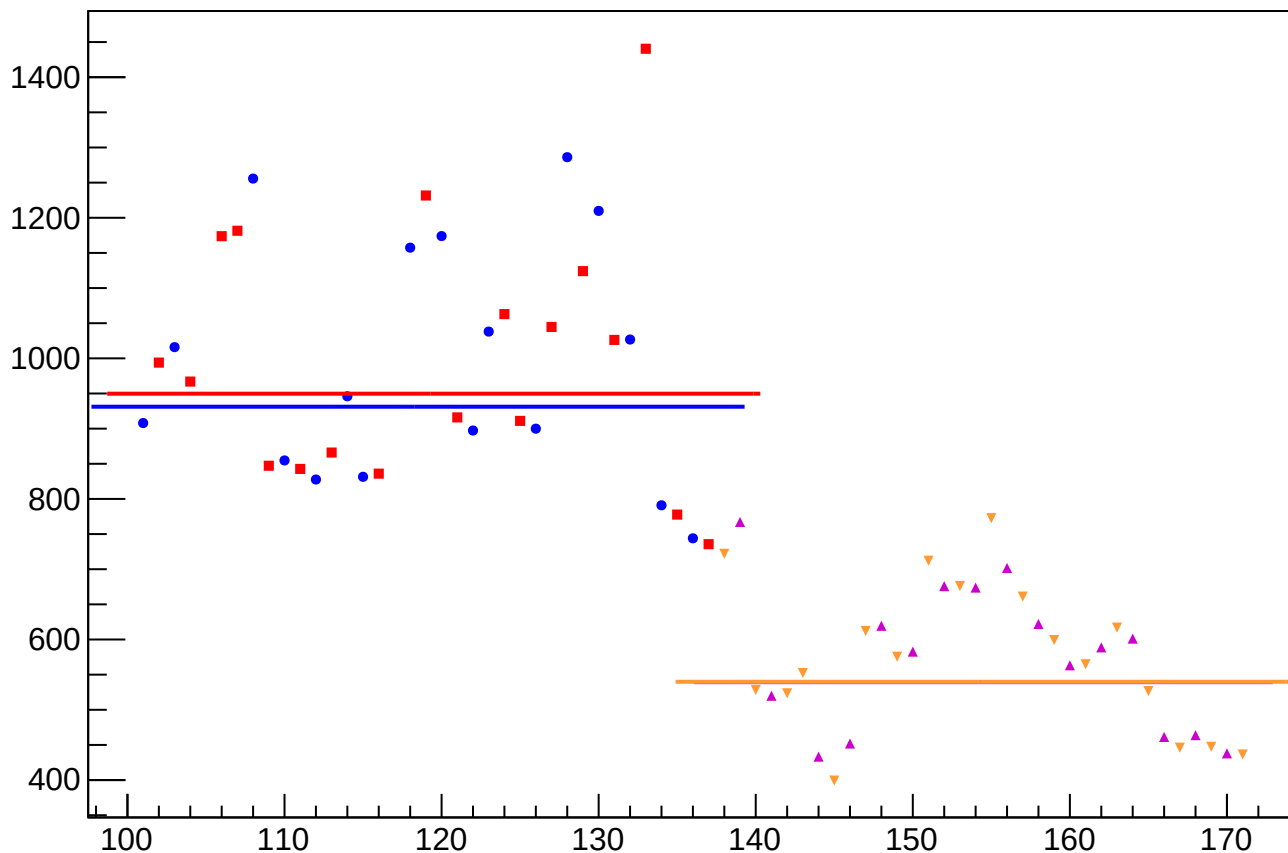
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 160.388+/-142.666 χ^2/NDF : 37.6/32

Out: 593.214+/-138.052 χ^2/NDF : 73.8/35

All: 383.913+/-99.209 χ^2/NDF : 116.1/68

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 539.862+/-0.105 χ^2/NDF :931573.2/17

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 539.332+/-0.109 χ^2/NDF :771010.1/15

Left: 539.607+/-0.076 χ^2/NDF : 1702595.4/33

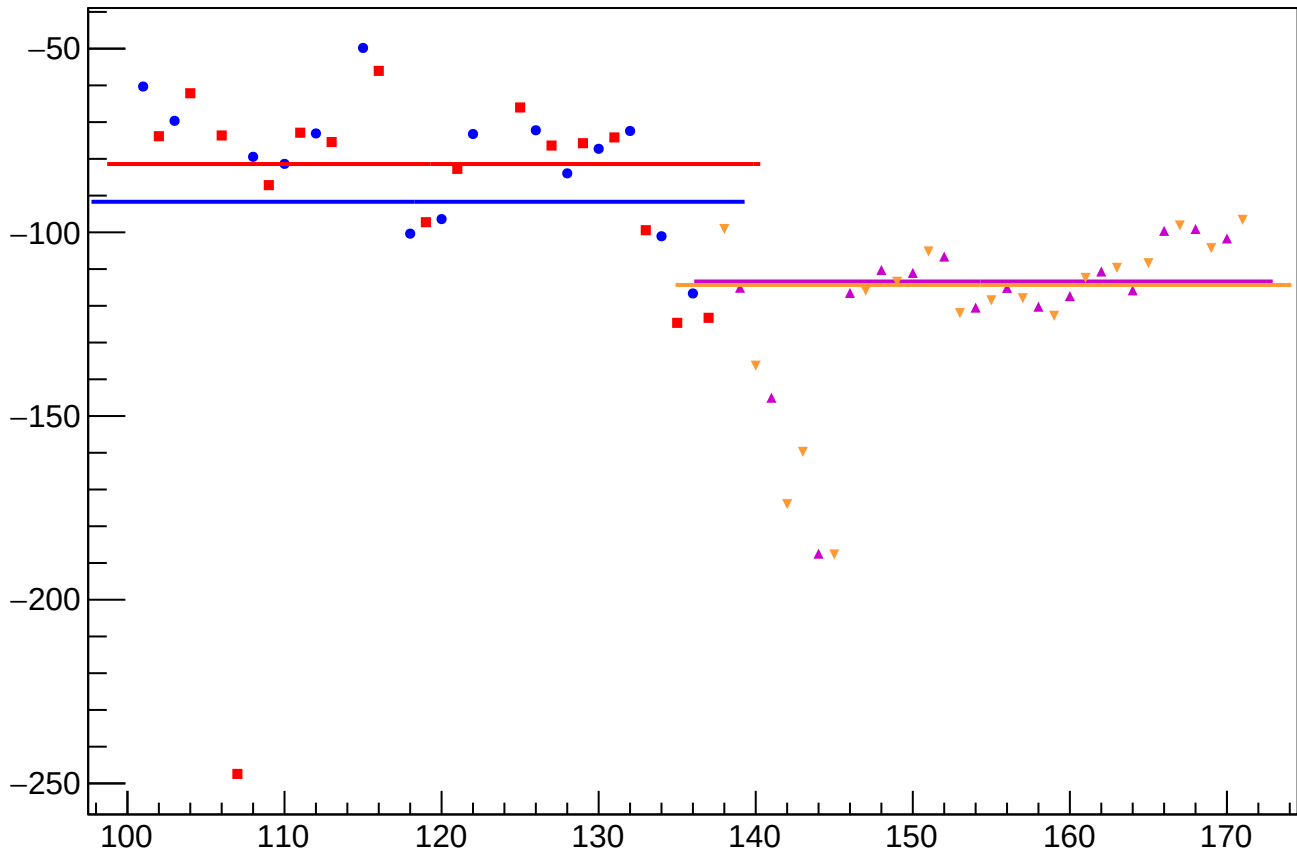
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 598.518+/-0.101 χ^2/NDF :3106066.1/32

Out: 598.784+/-0.098 χ^2/NDF :3467165.9/35

All: 598.655+/-0.070 χ^2/NDF : 6573235.6/68

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679+/-0.070 χ^2/NDF : 64621.9/14

Left Out: -114.320+/-0.064 χ^2/NDF : 42224.7/17

Right Out: -81.406+/-0.098 χ^2/NDF : 41708.8/16

Left In: -113.379+/-0.058 χ^2/NDF : 74495.4/15

Left: -113.805+/-0.043 χ^2/NDF : 116839.3/33

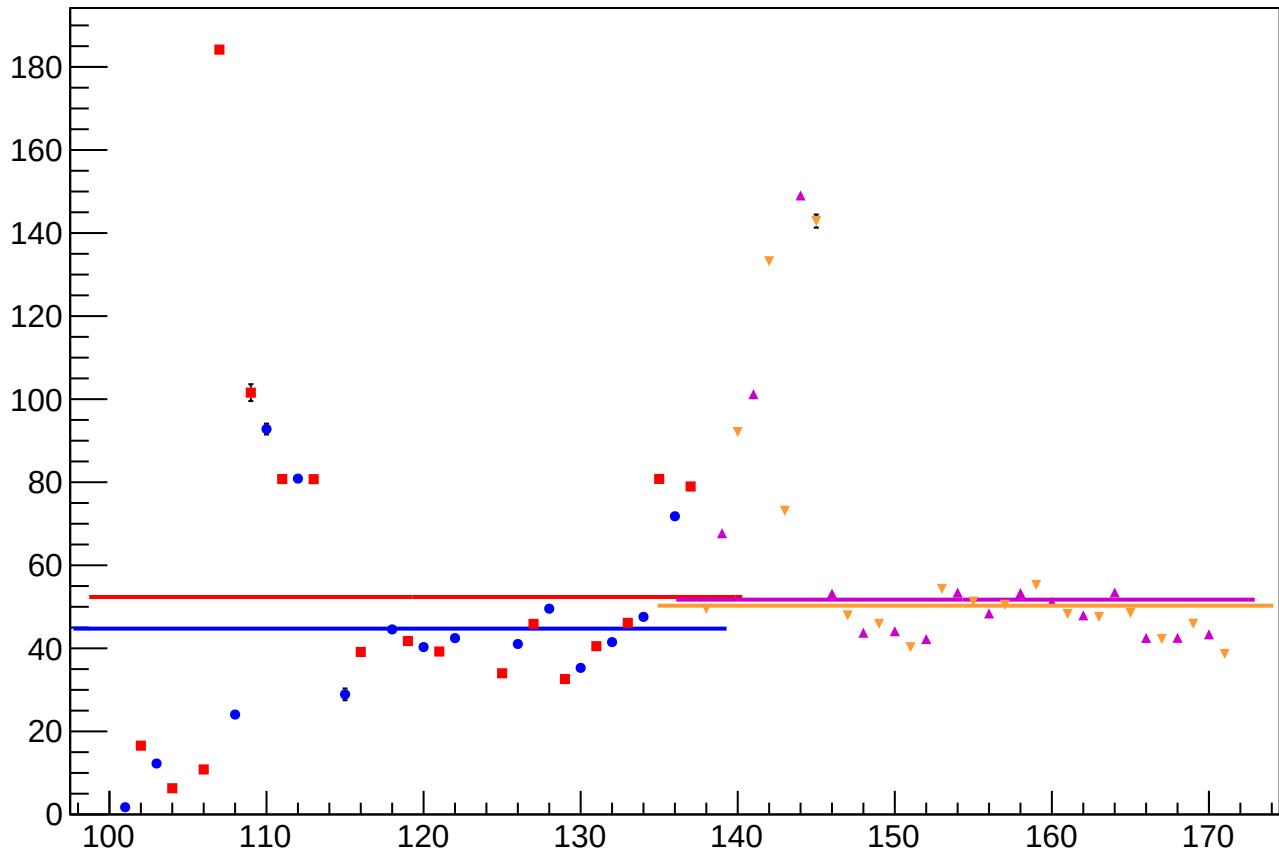
Right: -88.221+/-0.057 χ^2/NDF : 113551.1/31

In: -104.566+/-0.045 χ^2/NDF : 195968.1/30

Out: -104.596+/-0.054 χ^2/NDF : 162656.6/34

All: -104.578+/-0.034 χ^2/NDF : 358625.0/65

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 50.274 $\pm$ 0.053 χ^2 /NDF:50720.2/17

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 51.724 $\pm$ 0.050 χ^2 /NDF:126829.0/15

Left: 51.039 $\pm$ 0.036 χ^2 /NDF: 177947.7/33

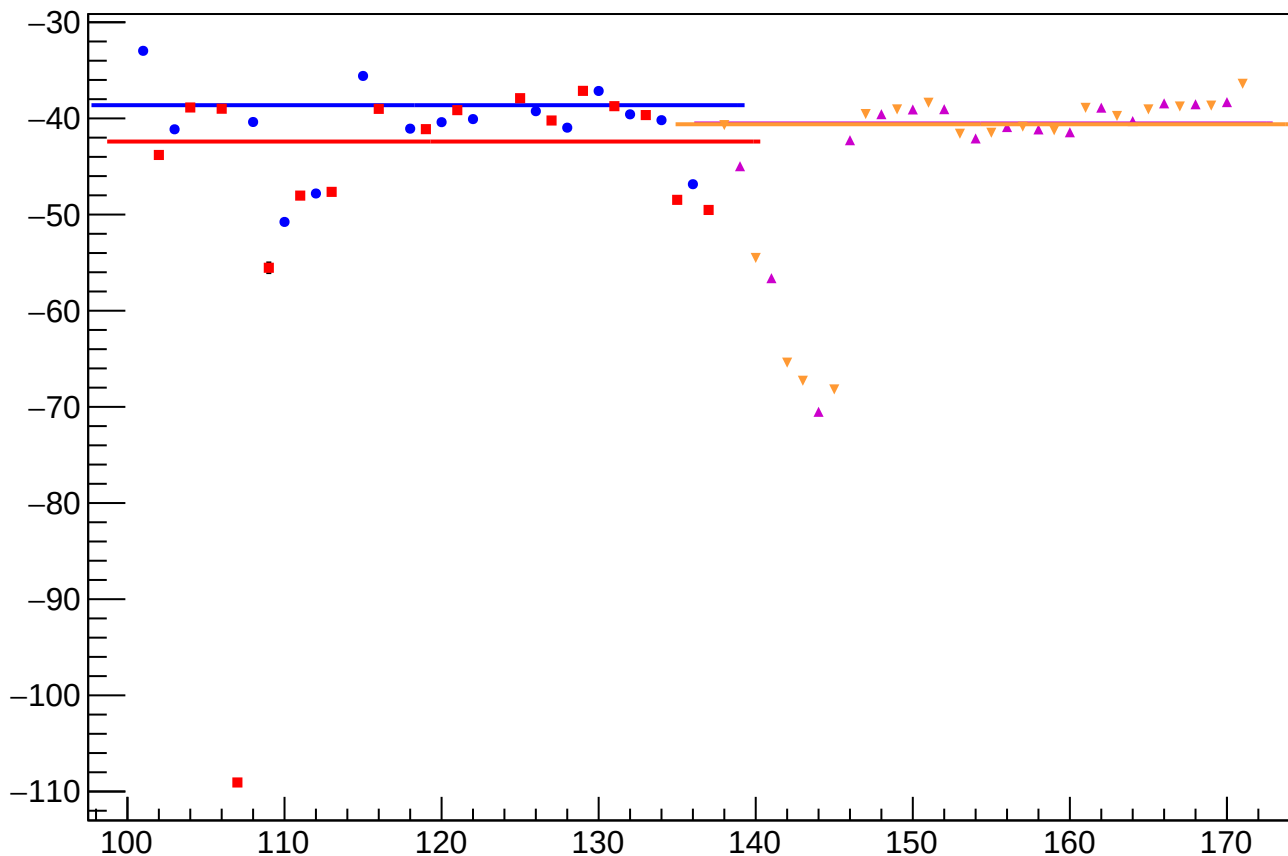
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 48.900 $\pm$ 0.039 χ^2 /NDF:219431.2/30

Out: 50.651 $\pm$ 0.048 χ^2 /NDF:120288.7/34

All: 49.590 $\pm$ 0.030 χ^2 /NDF: 340533.9/65

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 $\pm$ 0.008 χ^2 /NDF: 240108.7/14

Left Out: -40.608 $\pm$ 0.008 χ^2 /NDF: 215264.2/17

Right Out: -42.406 $\pm$ 0.021 χ^2 /NDF: 269138.5/16

Left In: -40.525 $\pm$ 0.009 χ^2 /NDF: 165344.0/15

Left: -40.570 $\pm$ 0.006 χ^2 /NDF: 380658.9/33

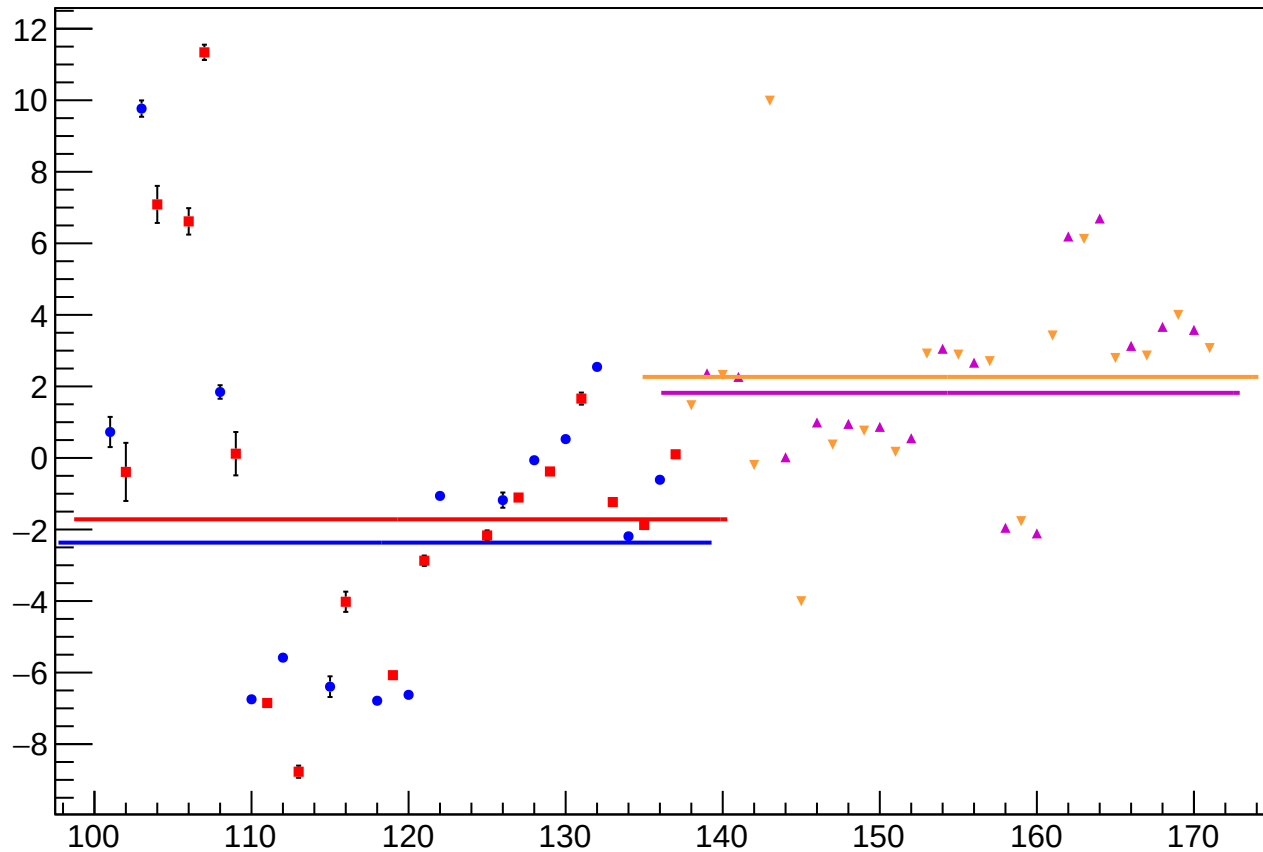
Right: -39.121 $\pm$ 0.008 χ^2 /NDF: 536660.1/31

In: -39.544 $\pm$ 0.006 χ^2 /NDF: 430977.0/30

Out: -40.829 $\pm$ 0.007 χ^2 /NDF: 490661.4/34

All: -40.043 $\pm$ 0.005 χ^2 /NDF: 939819.0/65

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.266 ± 0.008 χ^2/NDF : 76778.3/17

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.820 ± 0.008 χ^2/NDF : 84088.0/15

Left: 2.035 ± 0.006 χ^2/NDF : 162390.8/33

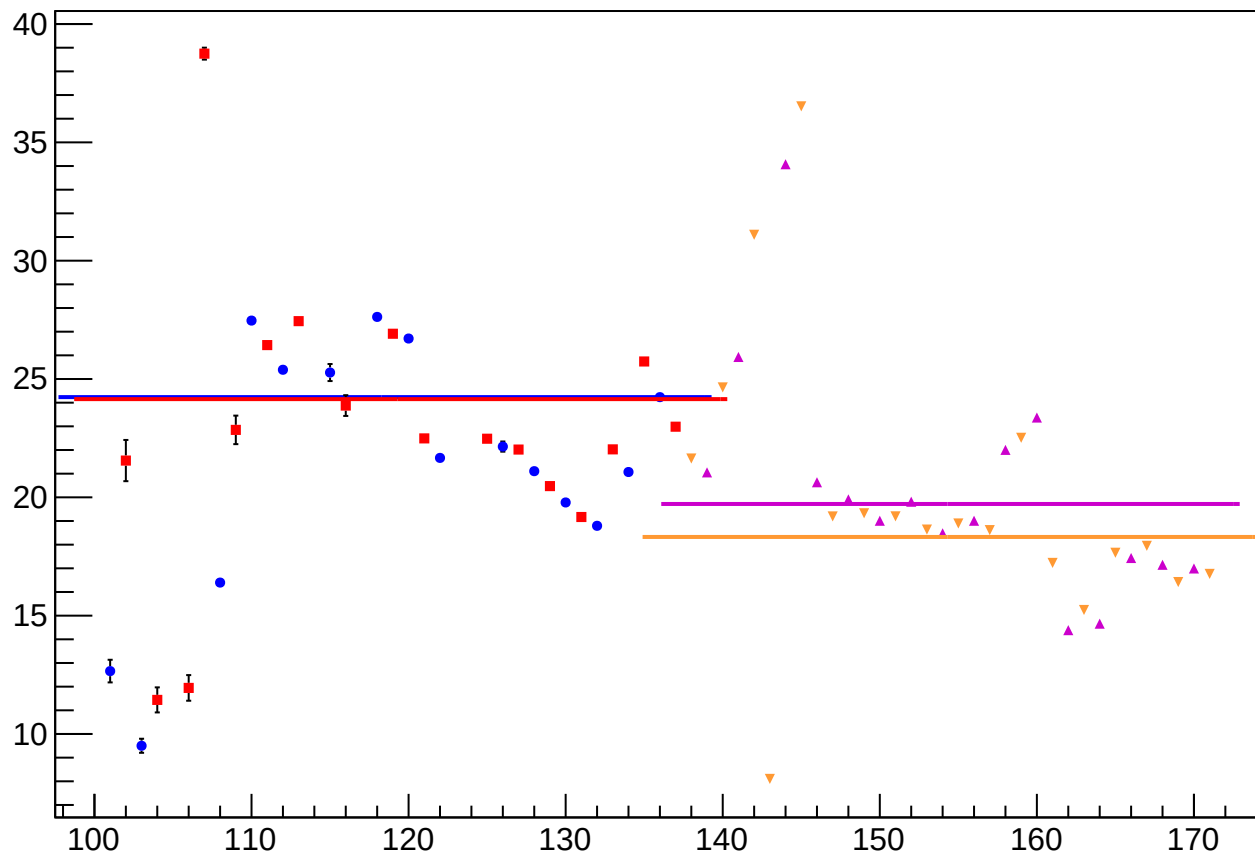
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.813 ± 0.007 χ^2/NDF : 180095.2/30

Out: 1.928 ± 0.008 χ^2/NDF : 109404.3/34

All: 1.298 ± 0.005 χ^2/NDF : 300849.5/65

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.326 $\pm$ 0.008 χ^2 /NDF: 78569.8/17

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.719 $\pm$ 0.008 χ^2 /NDF: 98839.1/15

Left: 19.050 $\pm$ 0.006 χ^2 /NDF: 191493.4/33

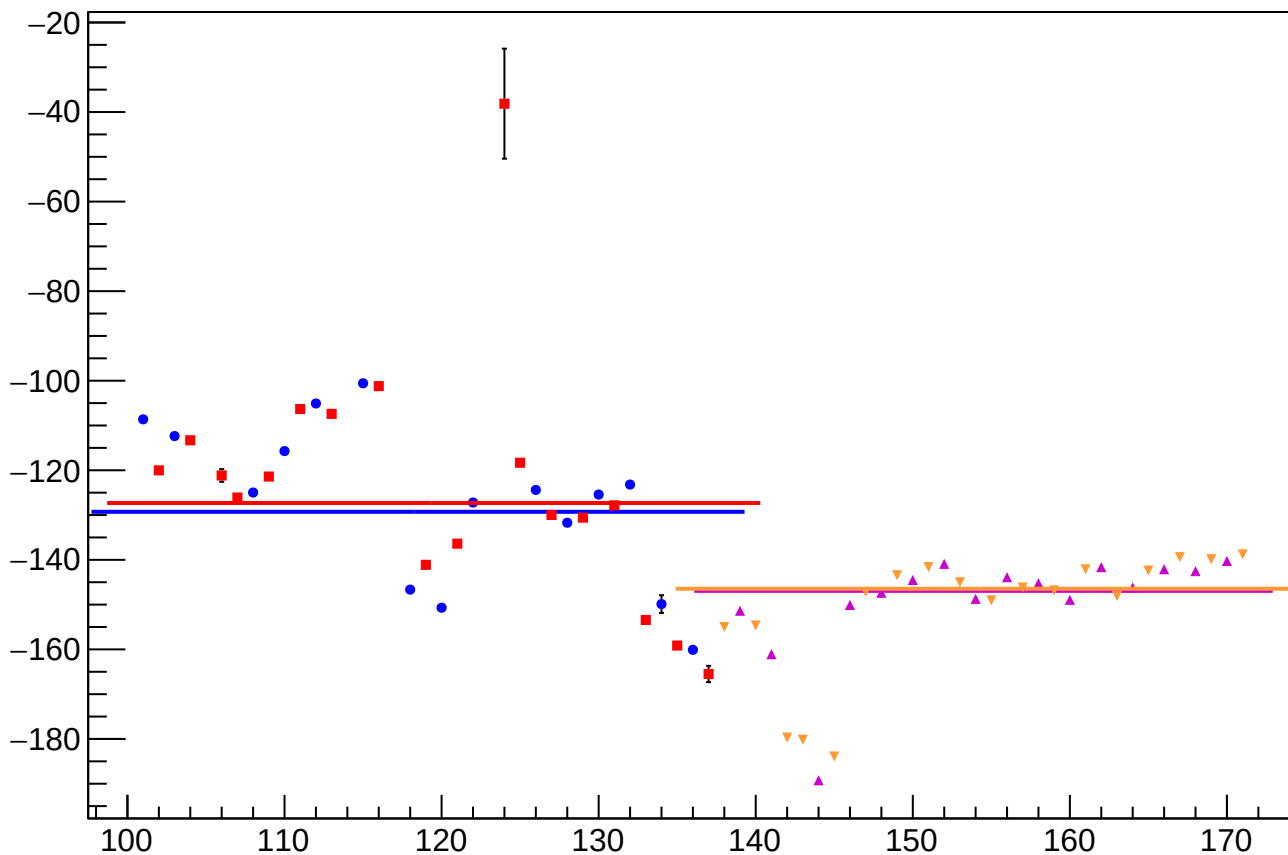
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.262 $\pm$ 0.008 χ^2 /NDF: 157726.9/30

Out: 18.953 $\pm$ 0.008 χ^2 /NDF: 142758.8/34

All: 19.638 $\pm$ 0.006 χ^2 /NDF: 314514.8/65

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -146.457 ± 0.052 χ^2/NDF : 36253.0/17

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -146.926 ± 0.054 χ^2/NDF : 23941.6/15

Left: -146.682 ± 0.037 χ^2/NDF : 60234.0/33

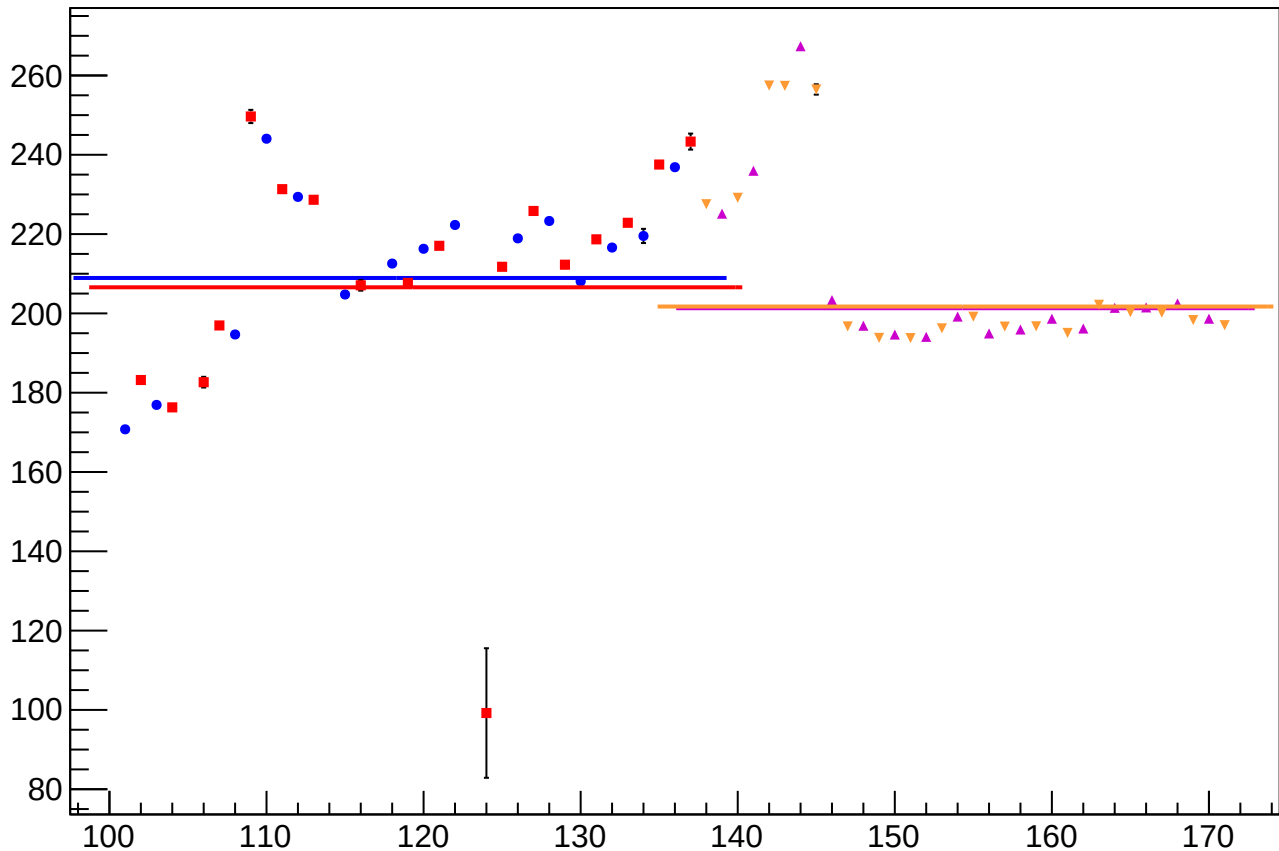
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -142.096 ± 0.046 χ^2/NDF : 88436.2/30

Out: -141.222 ± 0.044 χ^2/NDF : 103352.3/35

All: -141.642 ± 0.032 χ^2/NDF : 191977.1/66

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 201.728 $\pm$ 0.044 χ^2 /NDF:104870.7/17

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 201.300 $\pm$ 0.046 χ^2 /NDF:76341.1/15

Left: 201.524 $\pm$ 0.032 χ^2 /NDF: 181257.1/33

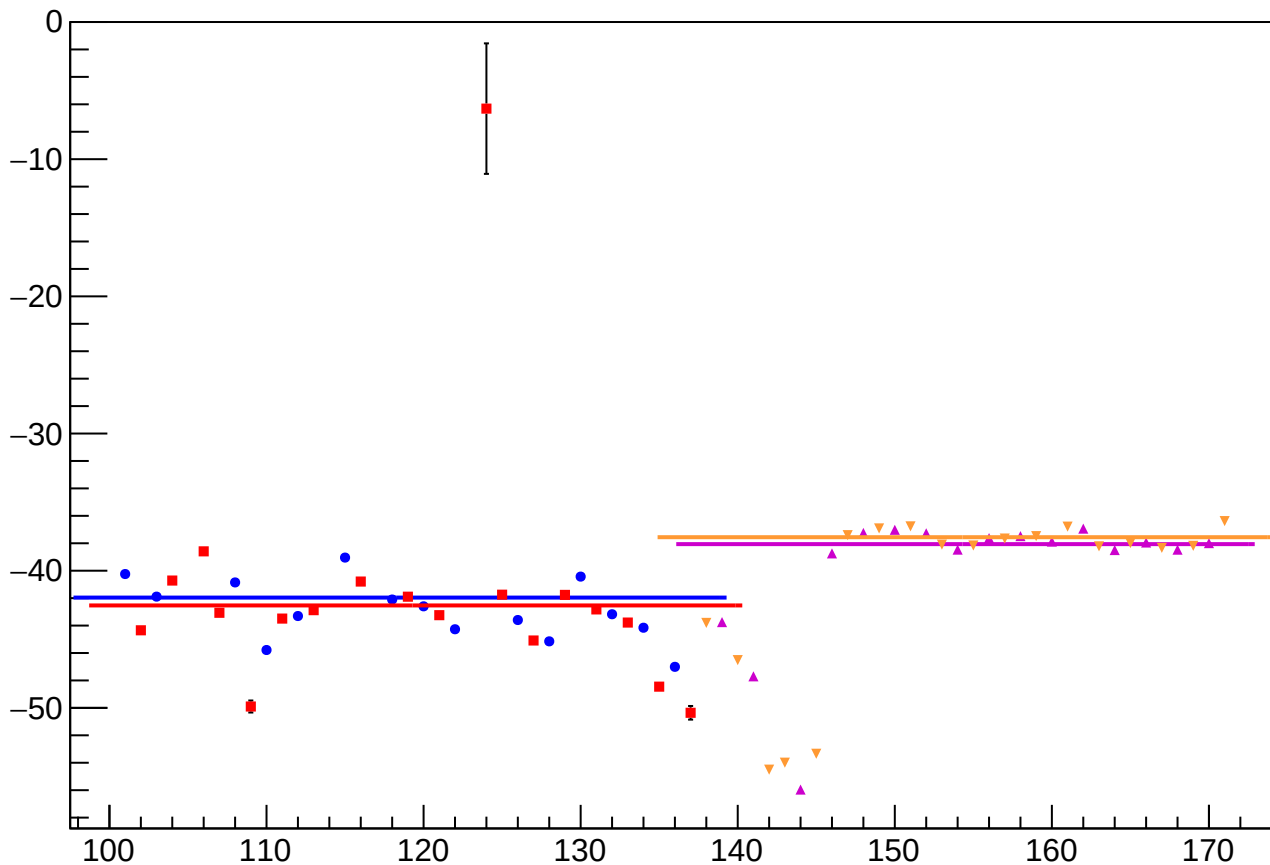
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.906 $\pm$ 0.041 χ^2 /NDF:126808.7/30

Out: 202.789 $\pm$ 0.039 χ^2 /NDF:155740.5/35

All: 202.845 $\pm$ 0.028 χ^2 /NDF: 282553.5/66

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.557 ± 0.004 $\chi^2/\text{NDF}: 225622.3/17$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.062 ± 0.005 $\chi^2/\text{NDF}: 133230.3/15$

Left: -37.779 ± 0.003 $\chi^2/\text{NDF}: 364805.1/33$

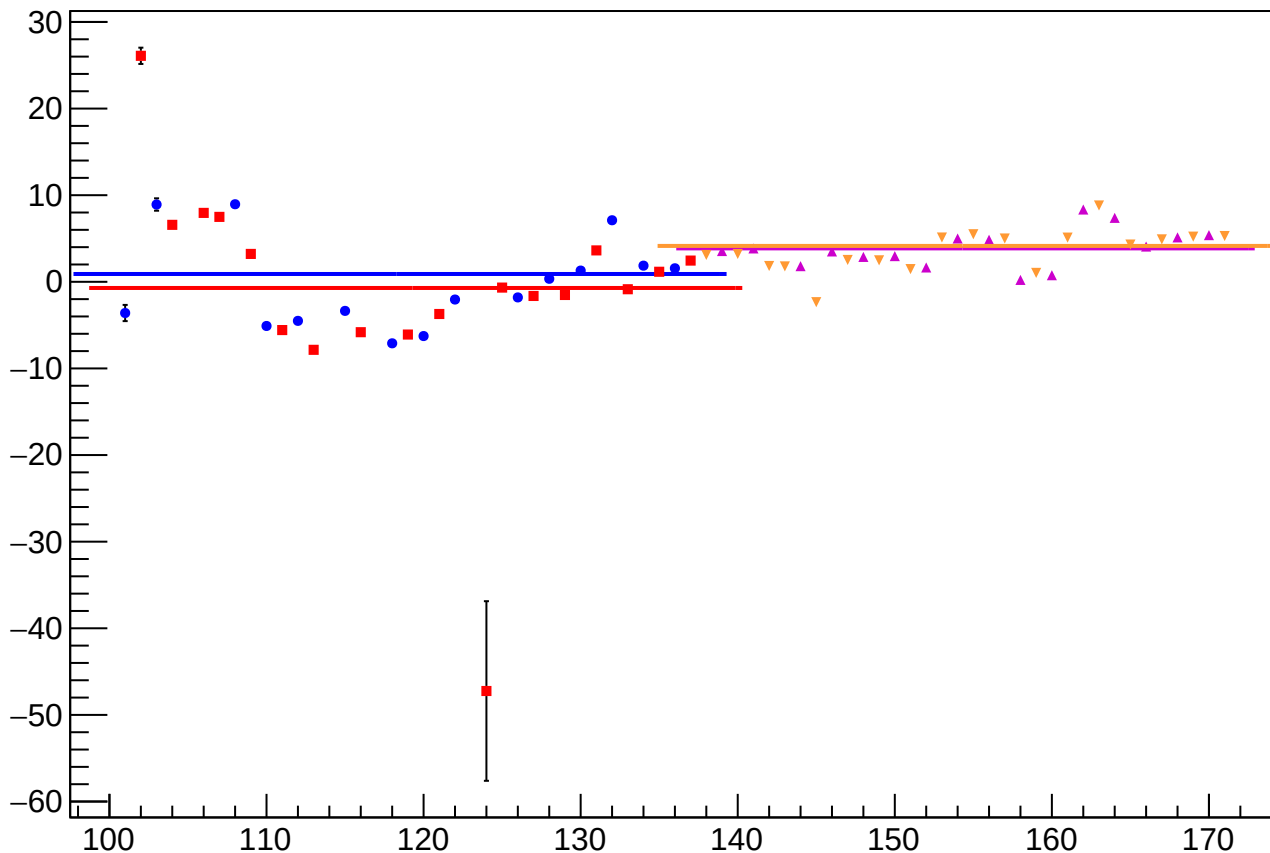
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.412 ± 0.005 $\chi^2/\text{NDF}: 214220.6/30$

Out: -37.767 ± 0.004 $\chi^2/\text{NDF}: 287327.1/35$

All: -38.058 ± 0.003 $\chi^2/\text{NDF}: 512000.1/66$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.143 ± 0.006 χ^2/NDF : 89222.1/17

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.858 ± 0.008 χ^2/NDF : 67095.9/15

Left: 4.027 ± 0.005 χ^2/NDF : 157111.3/33

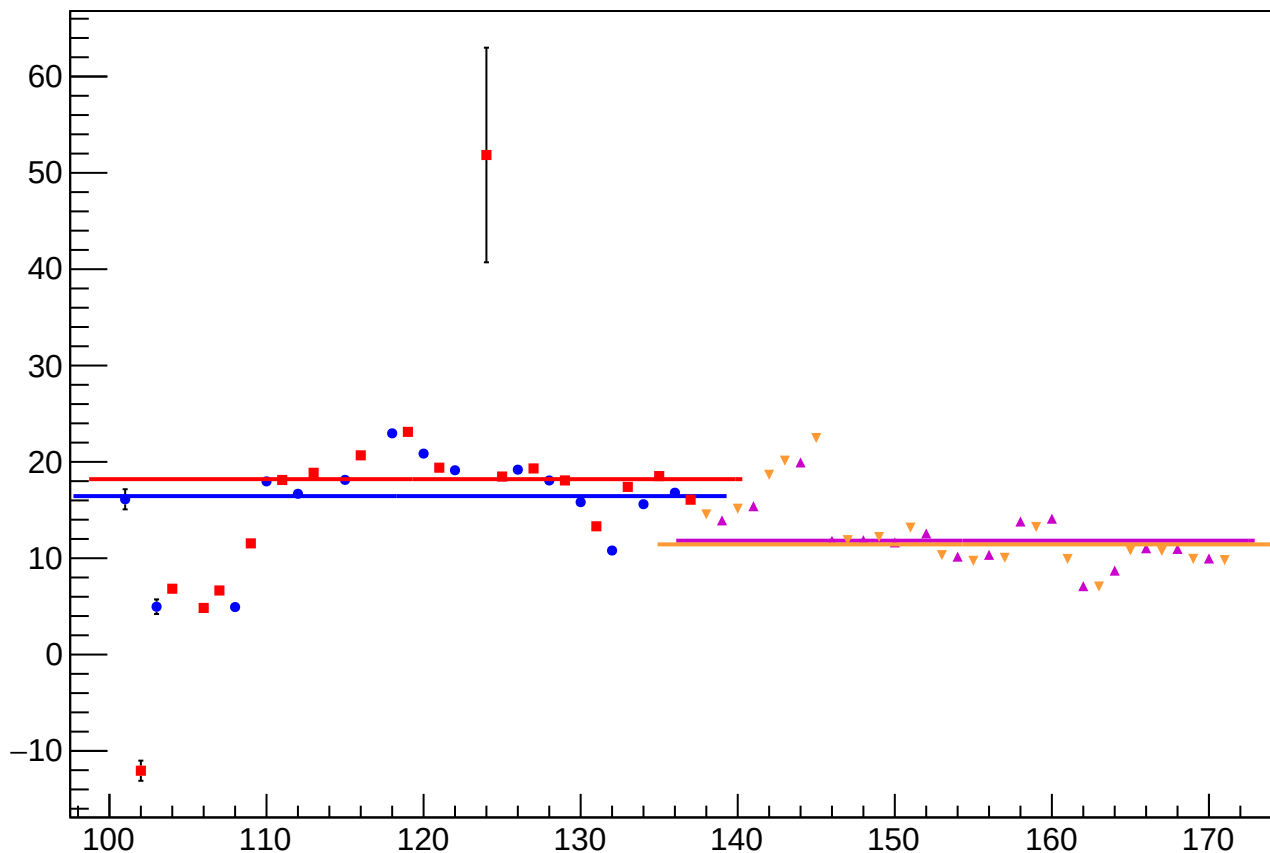
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.467 ± 0.007 χ^2/NDF : 107085.3/30

Out: 3.822 ± 0.006 χ^2/NDF : 157213.7/35

All: 3.672 ± 0.005 χ^2/NDF : 265672.7/66

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.436 $\pm$ 0.008 χ^2 /NDF: 96883.4/17

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.820 $\pm$ 0.010 χ^2 /NDF: 48533.7/15

Left: 11.601 $\pm$ 0.006 χ^2 /NDF: 146308.0/33

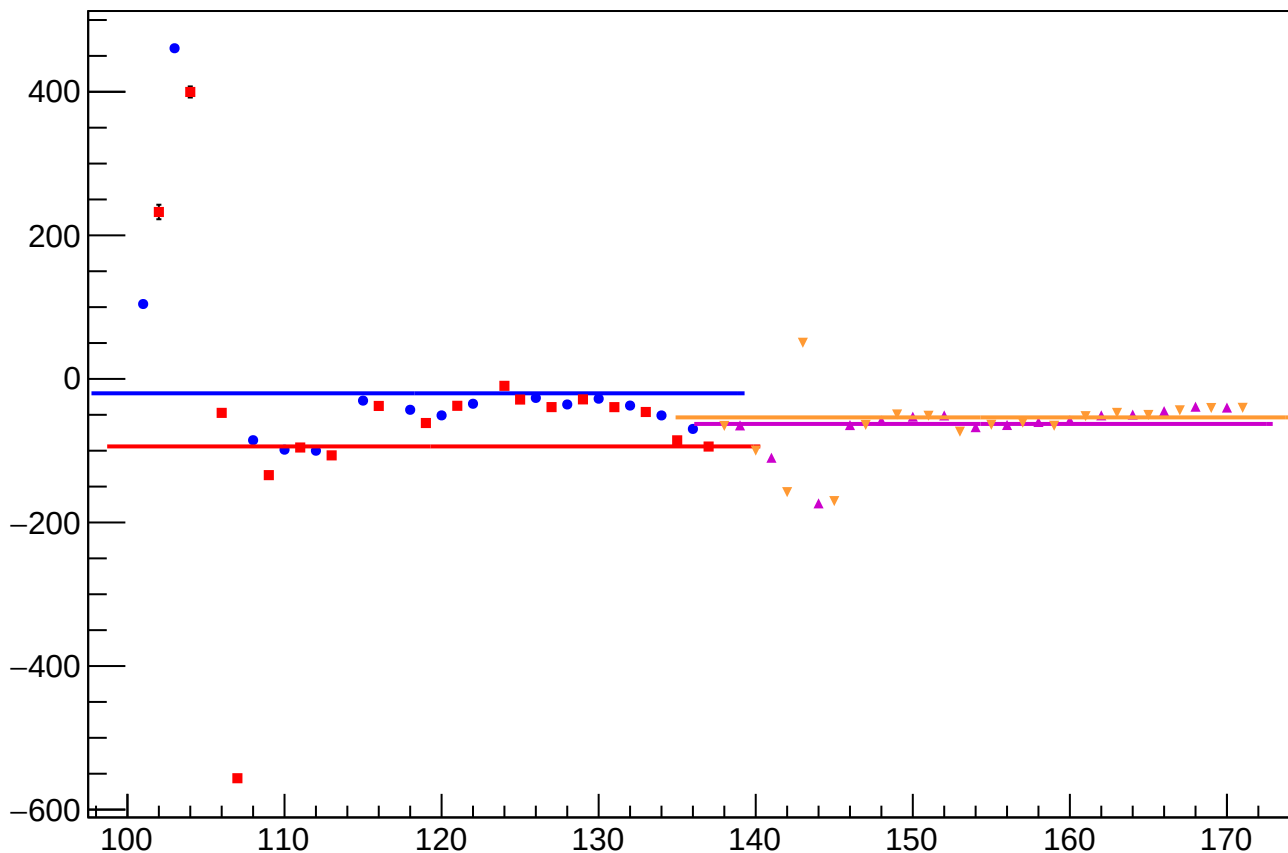
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.456 $\pm$ 0.009 χ^2 /NDF: 93715.1/30

Out: 12.422 $\pm$ 0.008 χ^2 /NDF: 218214.8/35

All: 12.436 $\pm$ 0.006 χ^2 /NDF: 311938.2/66

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -53.602 ± 0.100 χ^2/NDF : 52670.1/17

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -62.719 ± 0.128 χ^2/NDF : 45418.4/15

Left: -57.022 ± 0.079 χ^2/NDF : 101235.6/33

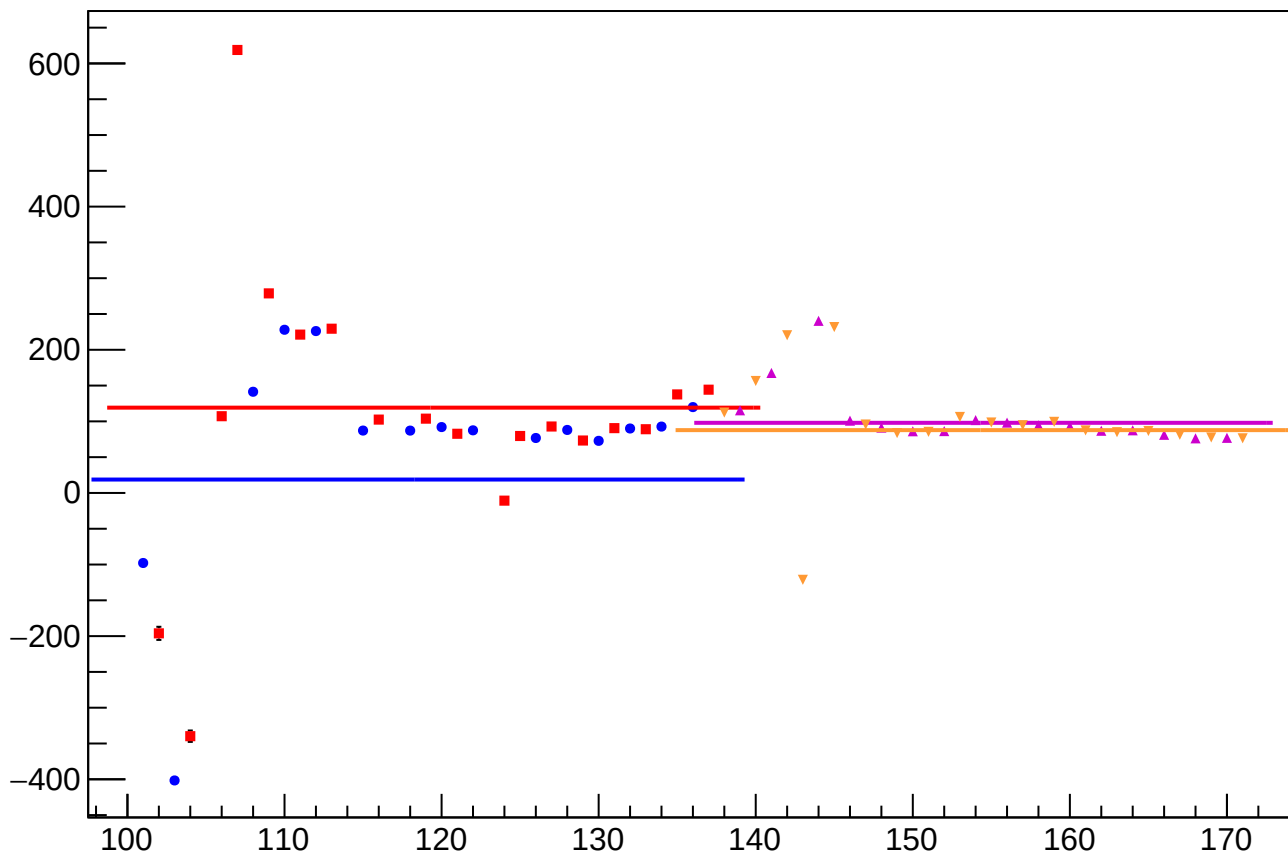
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -45.100 ± 0.098 χ^2/NDF : 532427.4/30

Out: -93.429 ± 0.012 χ^2/NDF : 302740.3/35

All: -92.681 ± 0.012 χ^2/NDF : 1072556.2/66

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.755+/-0.088 χ^2/NDF : 171483.8/17

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 97.978+/-0.111 χ^2/NDF : 67166.9/15

Left: 91.702+/-0.069 χ^2/NDF : 243875.4/33

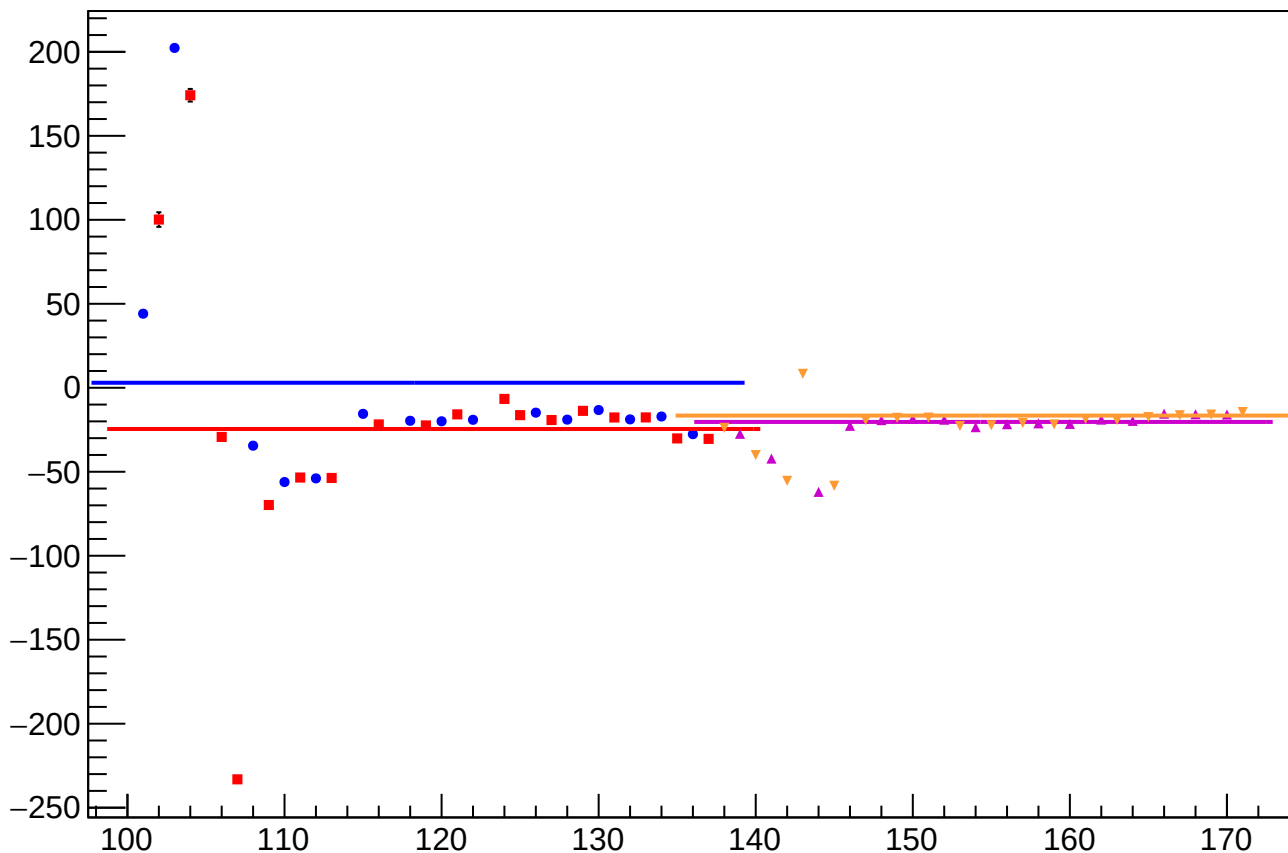
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 70.491+/-0.090 χ^2/NDF : 1346328.1/30

Out: 92.870+/-0.080 χ^2/NDF : 279740.5/35

All: 82.882+/-0.060 χ^2/NDF : 1660640.0/66

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.548 ± 0.013 $\chi^2/\text{NDF}: 573374.8/17$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -20.337 ± 0.015 $\chi^2/\text{NDF}: 148715.5/15$

Left: -18.136 ± 0.010 $\chi^2/\text{NDF}: 758868.9/33$

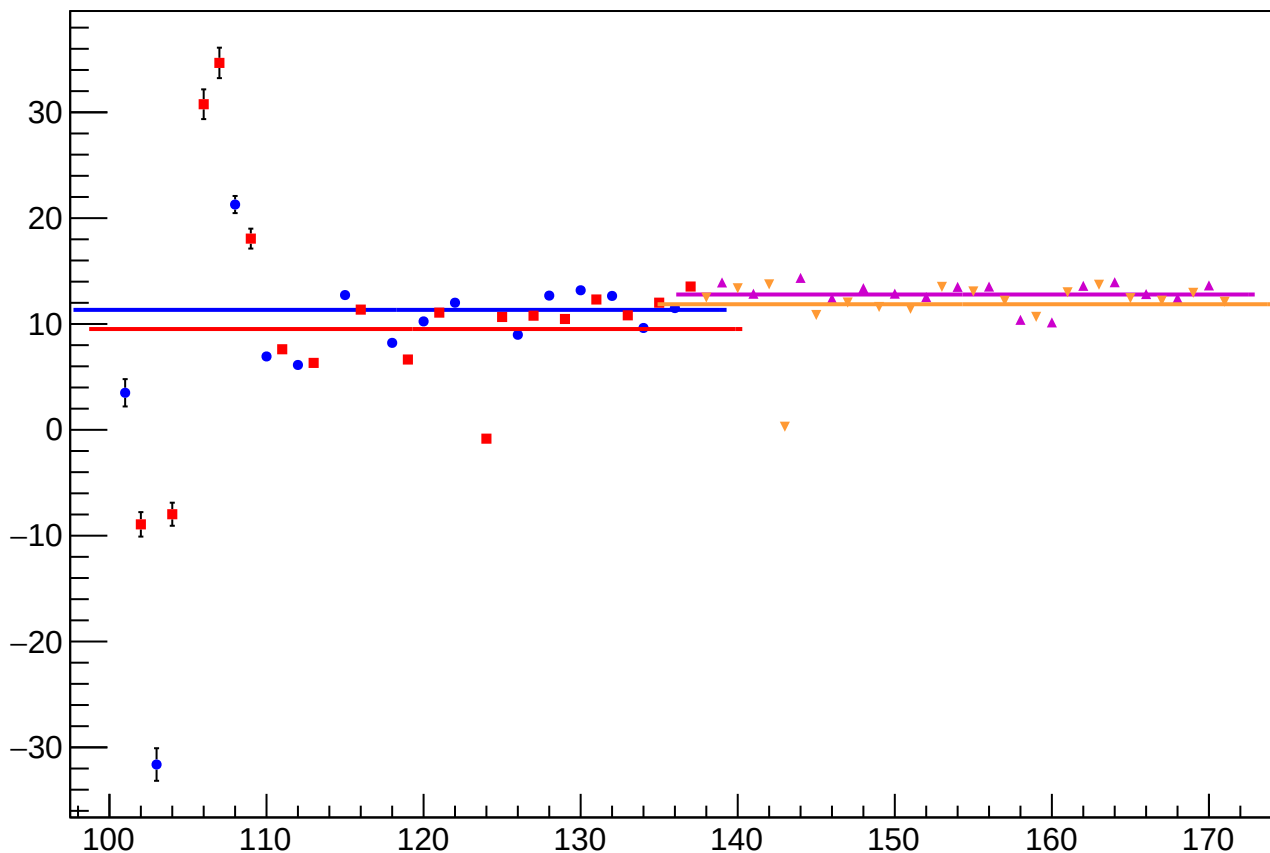
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.766 ± 0.013 $\chi^2/\text{NDF}: 4218523.1/30$

Out: -17.180 ± 0.012 $\chi^2/\text{NDF}: 780708.8/35$

All: -16.055 ± 0.009 $\chi^2/\text{NDF}: 5017259.8/66$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.866 $\pm$ 0.016 χ^2 /NDF:30682.8/17

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.786 $\pm$ 0.014 χ^2 /NDF:5432.8/15

Left: 12.381 $\pm$ 0.010 χ^2 /NDF: 38028.7/33

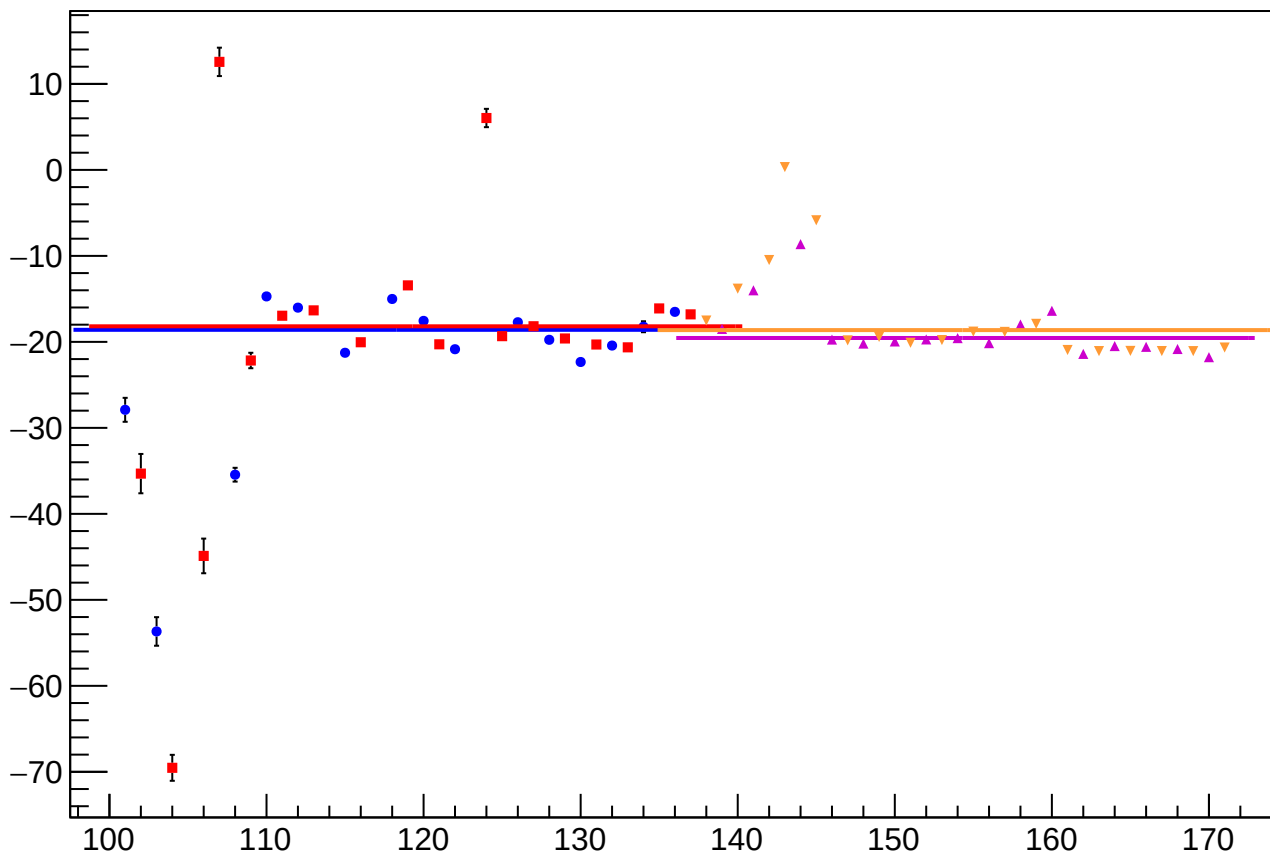
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.608 $\pm$ 0.013 χ^2 /NDF:9164.2/30

Out: 11.639 $\pm$ 0.015 χ^2 /NDF:36898.3/35

All: 12.188 $\pm$ 0.010 χ^2 /NDF: 48444.9/66

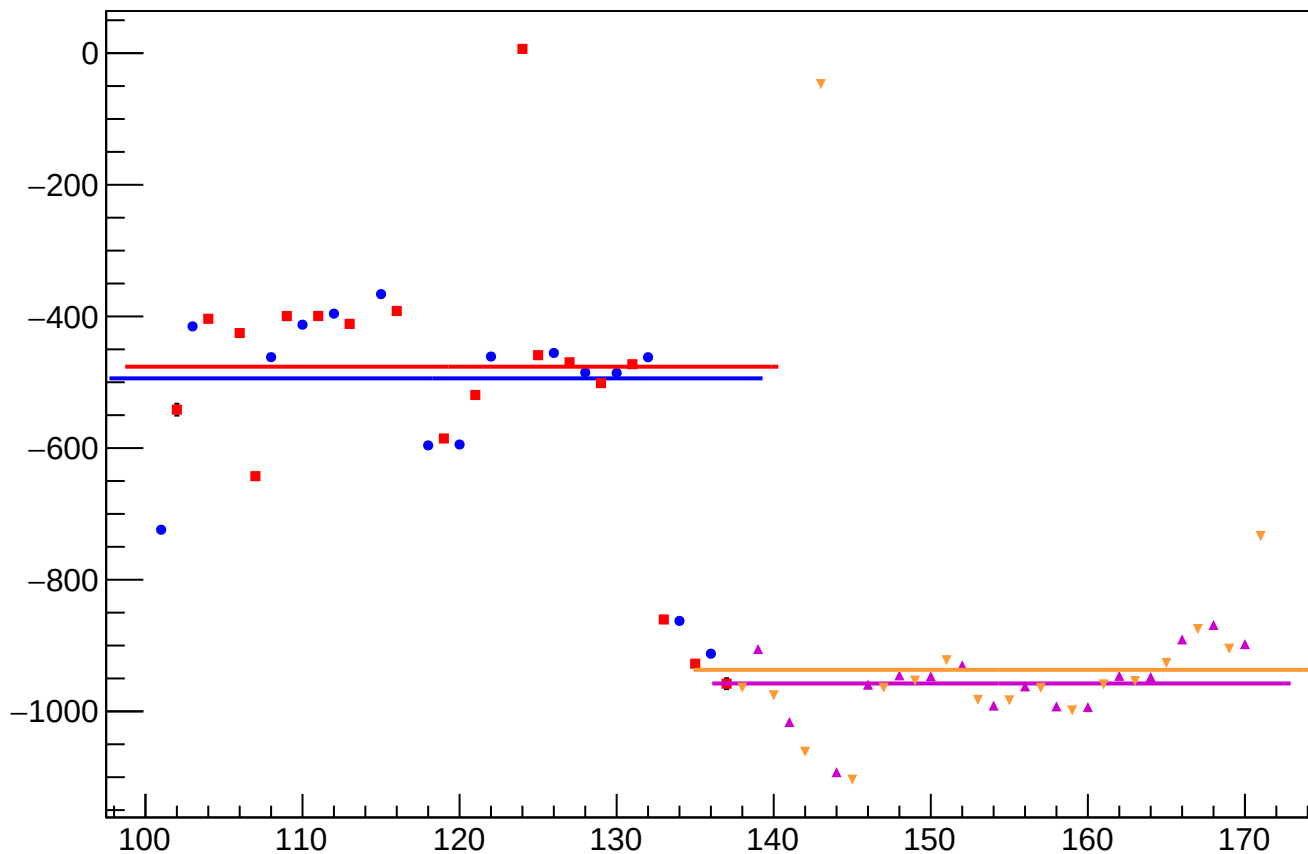
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14
 Left Out: -18.630 ± 0.018 χ^2/NDF : 53206.7/17
 Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17
 Left In: -19.547 ± 0.018 χ^2/NDF : 11139.5/15

Left: -19.103 ± 0.013 χ^2/NDF : 65658.7/33
 Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32
 In: -19.373 ± 0.016 χ^2/NDF : 17862.8/30
 Out: -18.577 ± 0.017 χ^2/NDF : 58157.8/35
 All: -19.003 ± 0.012 χ^2/NDF : 77181.6/66

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081+/-0.232 χ^2/NDF : 325996.5/14

Left Out: -936.900+/-0.178 χ^2/NDF : 360397.1/17

Right Out: -476.348+/-0.185 χ^2/NDF : 594116.3/17

Left In: -957.617+/-0.178 χ^2/NDF : 61731.6/15

Left: -947.246+/-0.126 χ^2/NDF : 428877.6/33

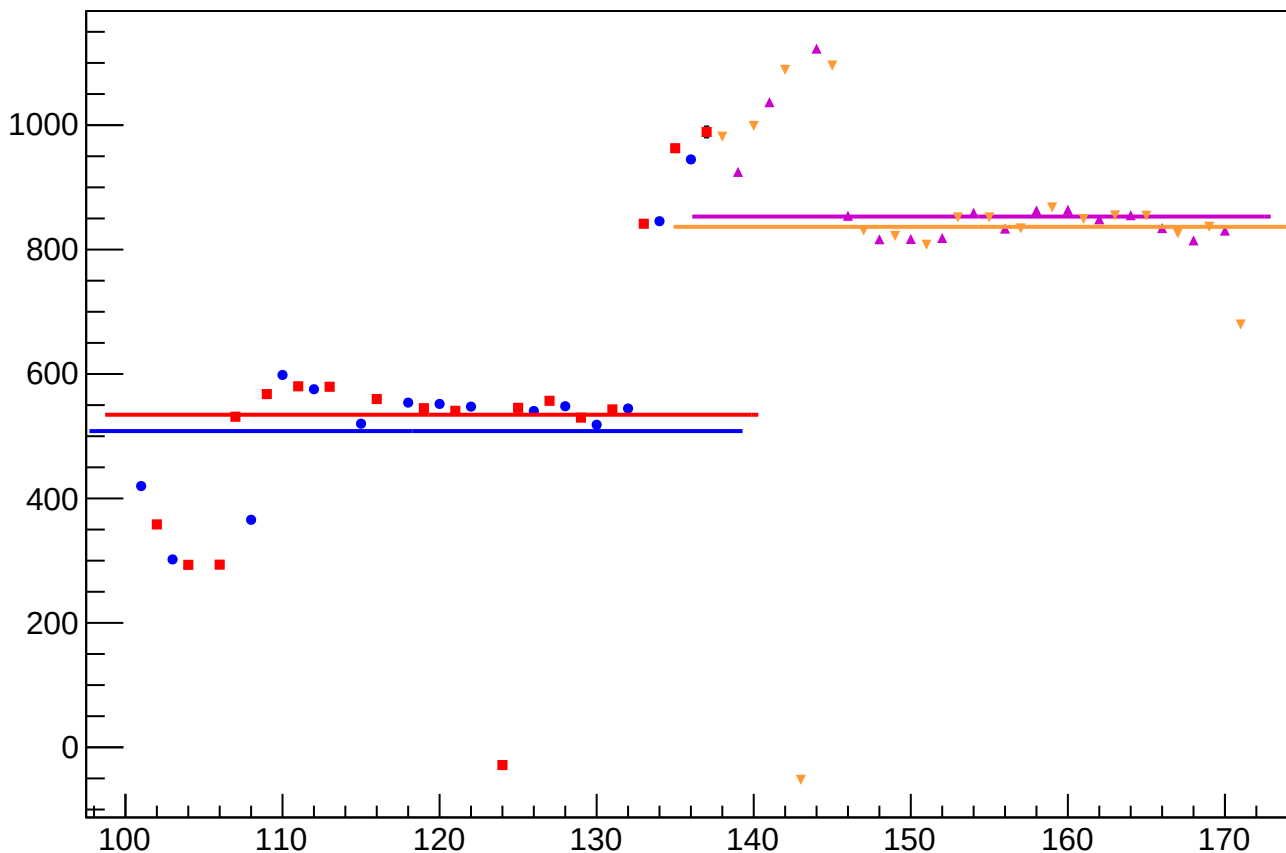
Right: -483.243+/-0.145 χ^2/NDF : 923680.3/32

In: -785.433+/-0.141 χ^2/NDF : 2894750.7/30

Out: -715.378+/-0.128 χ^2/NDF : 4166591.8/35

All: -747.022+/-0.095 χ^2/NDF : 7195818.6/66

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 836.542 $\pm$ 0.146 χ^2 /NDF:425924.4/17

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 853.056 $\pm$ 0.146 χ^2 /NDF:94810.5/15

Left: 844.791 $\pm$ 0.103 χ^2 /NDF: 527150.8/33

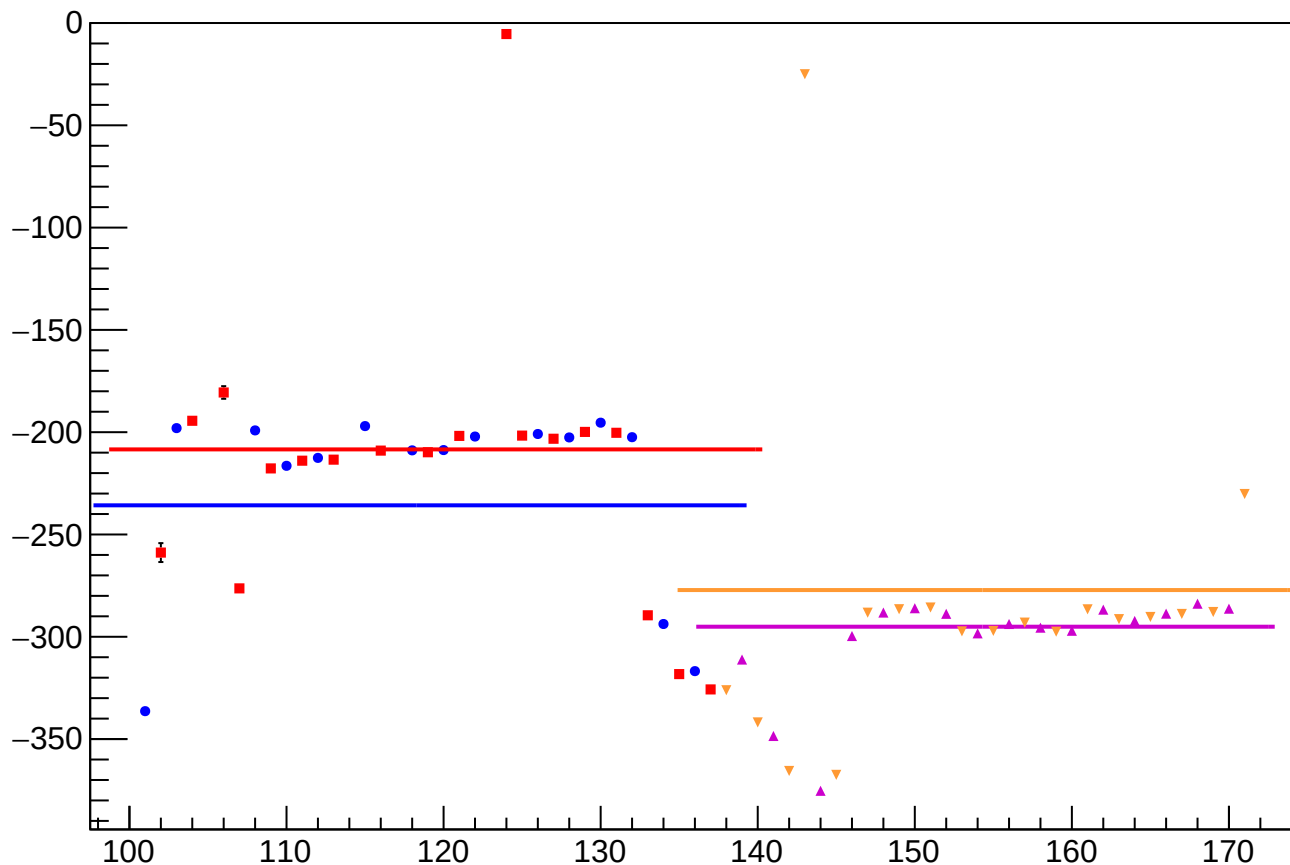
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 748.887 $\pm$ 0.122 χ^2 /NDF:2222685.2/30

Out: 742.787 $\pm$ 0.121 χ^2 /NDF:2127670.0/35

All: 745.816 $\pm$ 0.086 χ^2 /NDF: 4351617.0/66

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -277.166+/-0.025 χ^2/NDF : 6378316.9/17

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -295.077+/-0.025 χ^2/NDF : 267094.1/15

Left: -285.984+/-0.018 χ^2/NDF : 6896994.0/33

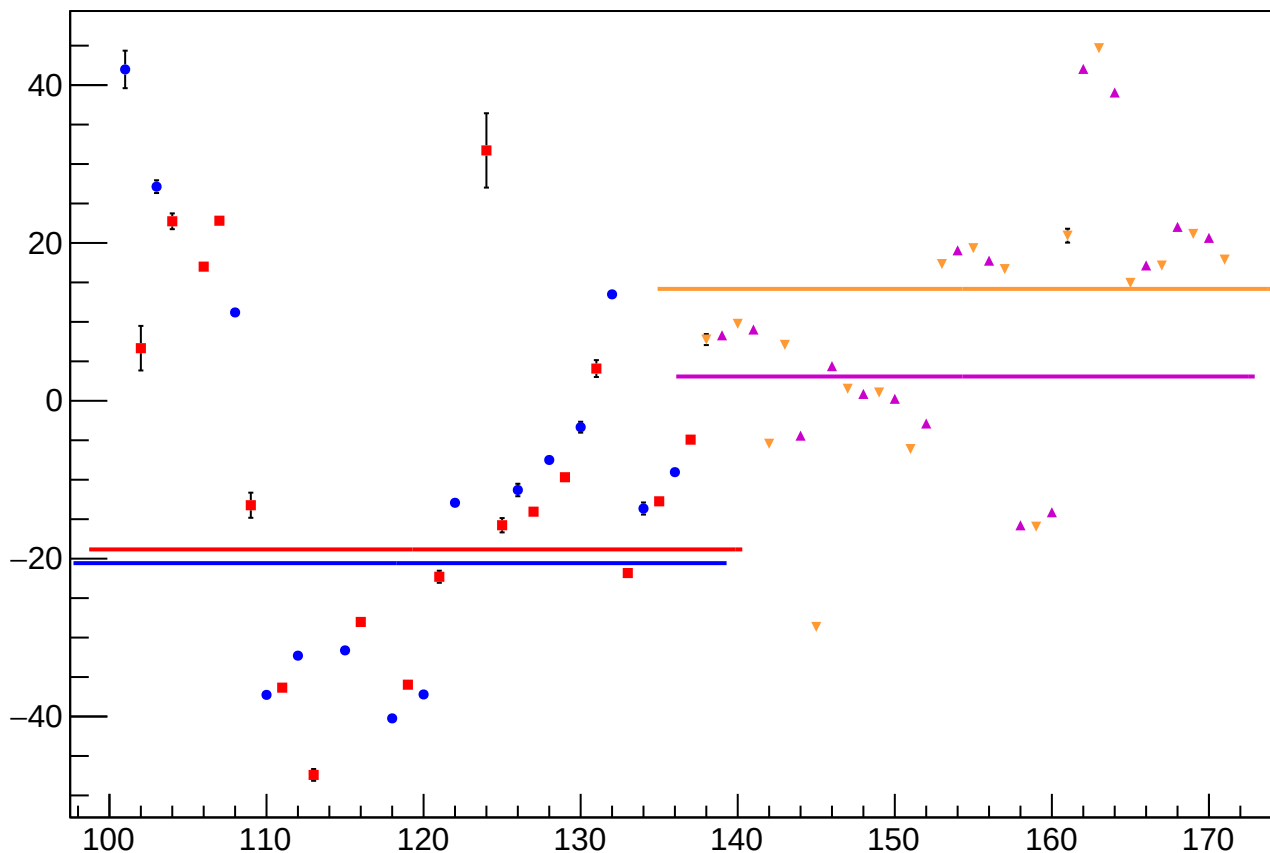
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -284.688+/-0.023 χ^2/NDF : 2095408.9/30

Out: -261.821+/-0.022 χ^2/NDF : 8433813.0/35

All: -272.737+/-0.016 χ^2/NDF : 11041044.7/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 14.183 ± 0.023 $\chi^2/\text{NDF}: 455212.0/17$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 3.079 ± 0.021 $\chi^2/\text{NDF}: 674341.2/15$

Left: 8.119 ± 0.016 $\chi^2/\text{NDF}: 1253596.3/33$

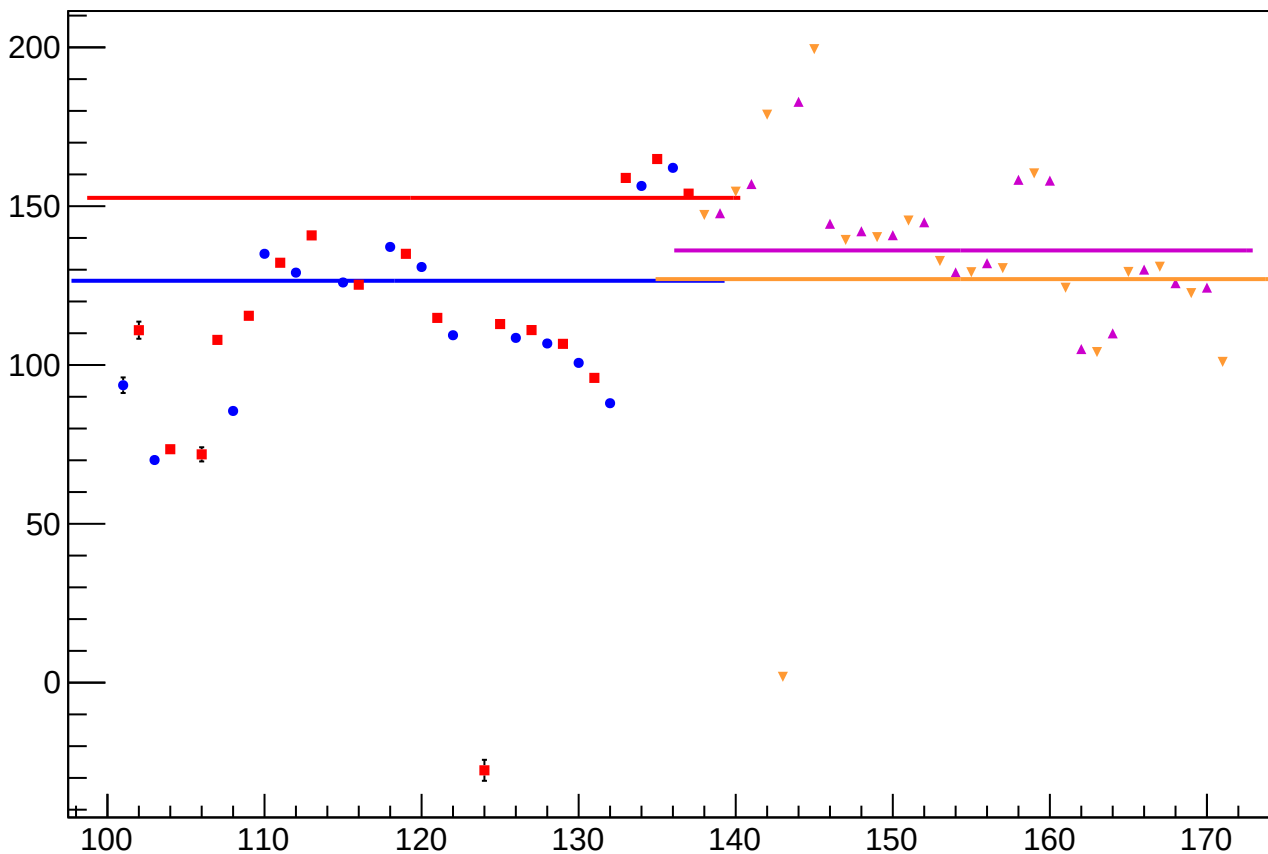
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 1.154 ± 0.020 $\chi^2/\text{NDF}: 838689.9/30$

Out: 12.715 ± 0.023 $\chi^2/\text{NDF}: 565342.1/35$

All: 6.288 ± 0.015 $\chi^2/\text{NDF}: 1547284.8/66$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 127.038 $\pm$ 0.030 χ^2 /NDF: 614871.5/17

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 136.065 $\pm$ 0.028 χ^2 /NDF: 372377.3/15

Left: 131.870 $\pm$ 0.020 χ^2 /NDF: 1035816.7/33

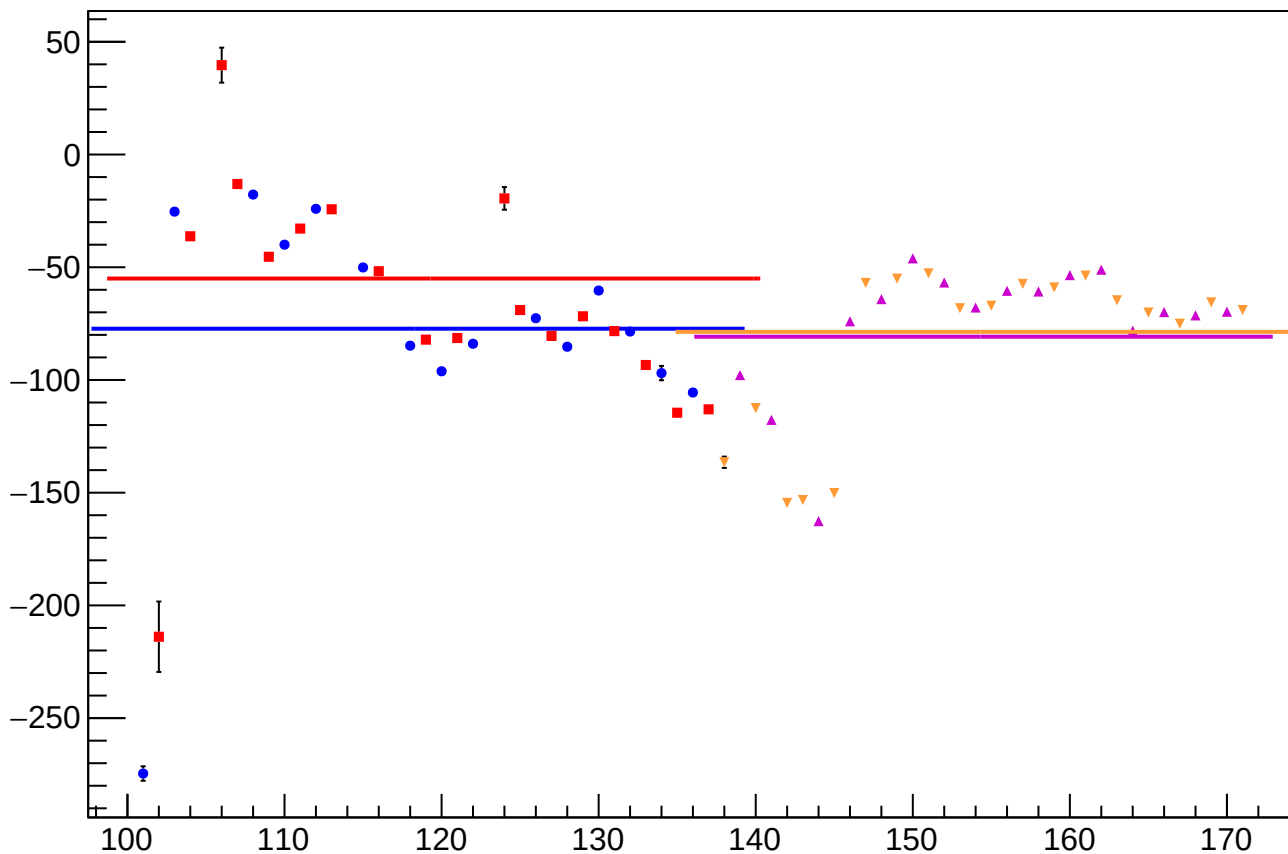
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 135.115 $\pm$ 0.026 χ^2 /NDF: 498978.6/30

Out: 139.666 $\pm$ 0.021 χ^2 /NDF: 1048621.1/35

All: 137.877 $\pm$ 0.017 χ^2 /NDF: 1565505.2/66

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 $\pm$ 0.146 χ^2/NDF : 30356.0/14

Left Out: -78.643 $\pm$ 0.130 χ^2/NDF : 58744.3/17

Right Out: -55.005 $\pm$ 0.190 χ^2/NDF : 23629.0/17

Left In: -80.811 $\pm$ 0.134 χ^2/NDF : 59053.3/15

Left: -79.696 $\pm$ 0.094 χ^2/NDF : 117931.6/33

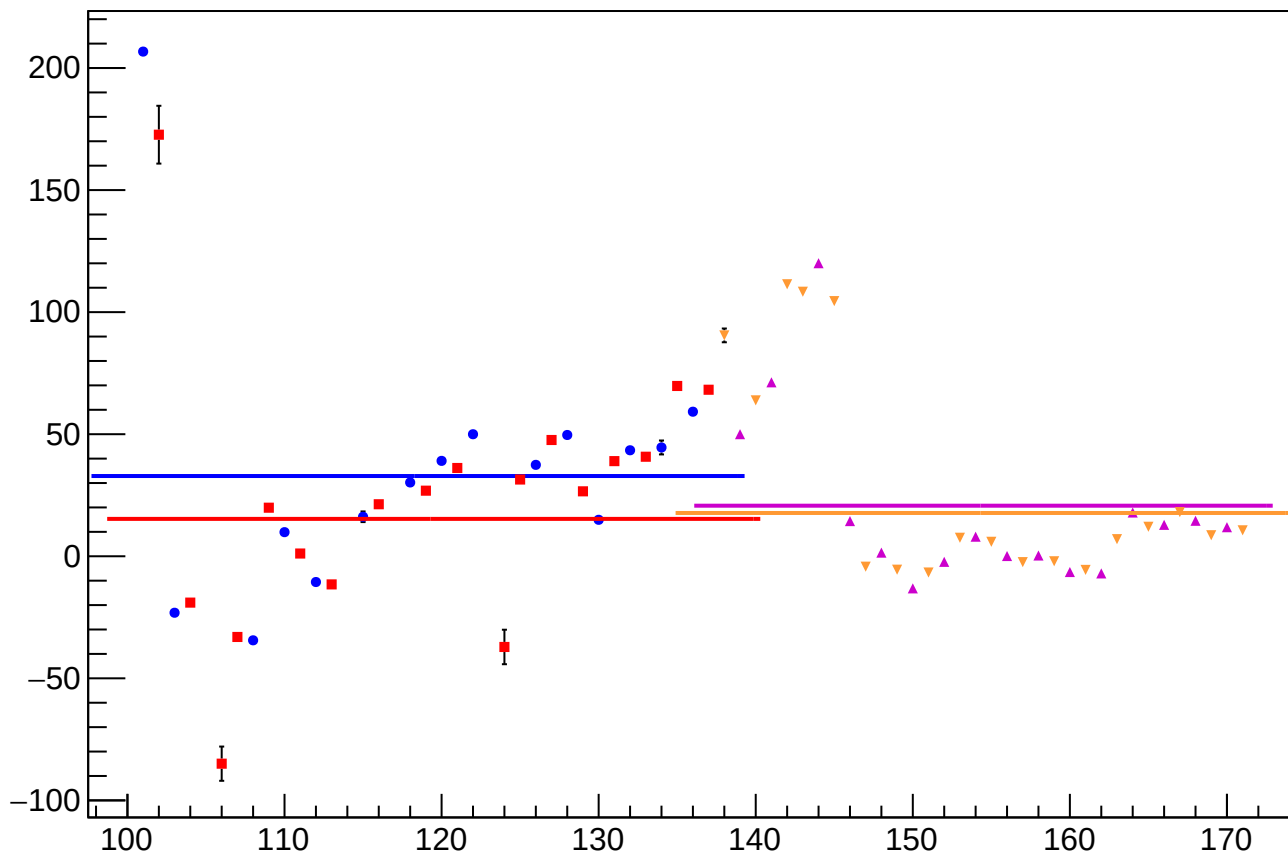
Right: -68.980 $\pm$ 0.116 χ^2/NDF : 62576.3/32

In: -79.189 $\pm$ 0.099 χ^2/NDF : 89728.6/30

Out: -71.084 $\pm$ 0.108 χ^2/NDF : 92872.9/35

All: -75.474 $\pm$ 0.073 χ^2/NDF : 185674.7/66

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 17.731 $\pm$ 0.114 χ^2/NDF : 90101.8/17

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 20.717 $\pm$ 0.118 χ^2/NDF : 87815.5/15

Left: 19.174 $\pm$ 0.082 χ^2/NDF : 178250.0/33

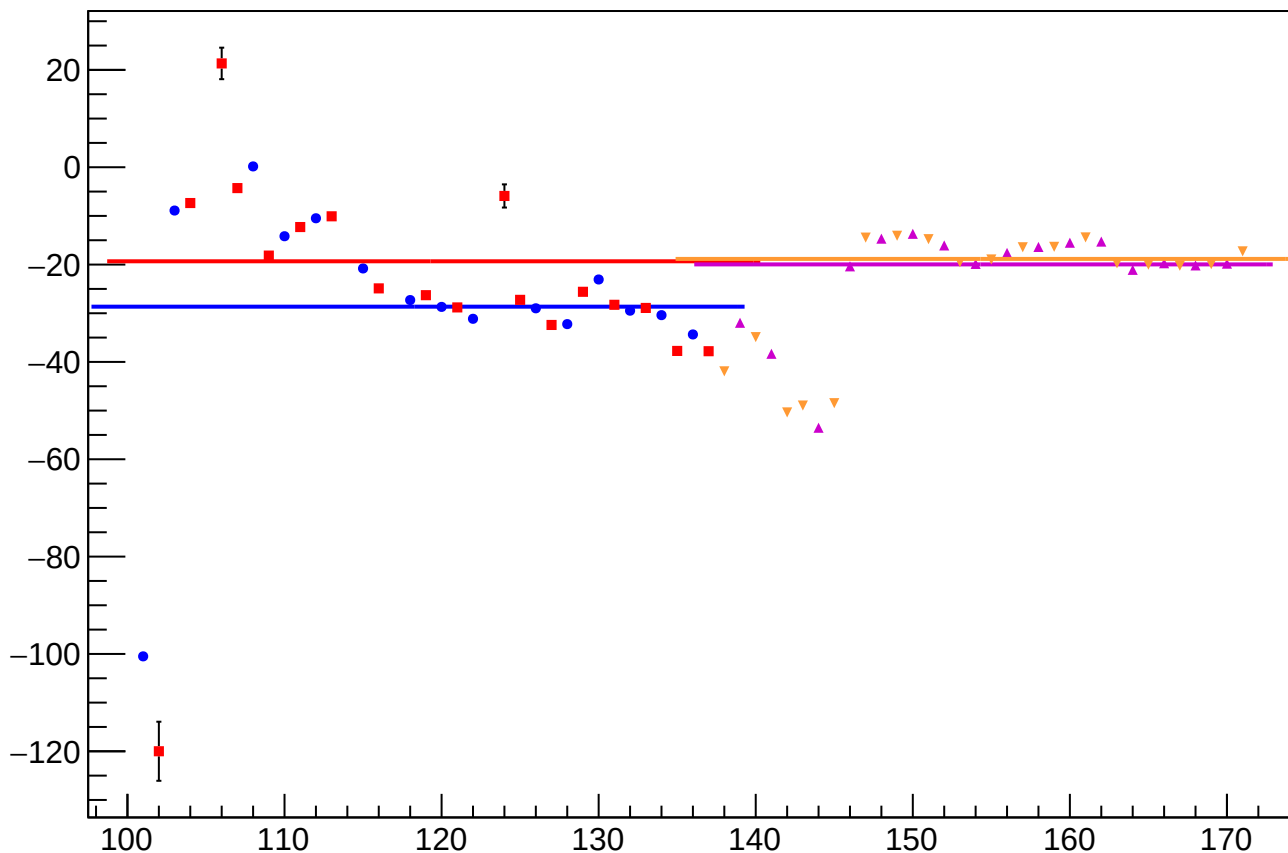
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 25.499 $\pm$ 0.092 χ^2/NDF : 123409.5/30

Out: 17.180 $\pm$ 0.100 χ^2/NDF : 106950.9/35

All: 21.704 $\pm$ 0.068 χ^2/NDF : 234123.0/66

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -18.837 ± 0.015 χ^2/NDF : 224942.2/17

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -19.964 ± 0.017 χ^2/NDF : 193155.5/15

Left: -19.348 ± 0.011 χ^2/NDF : 420630.5/33

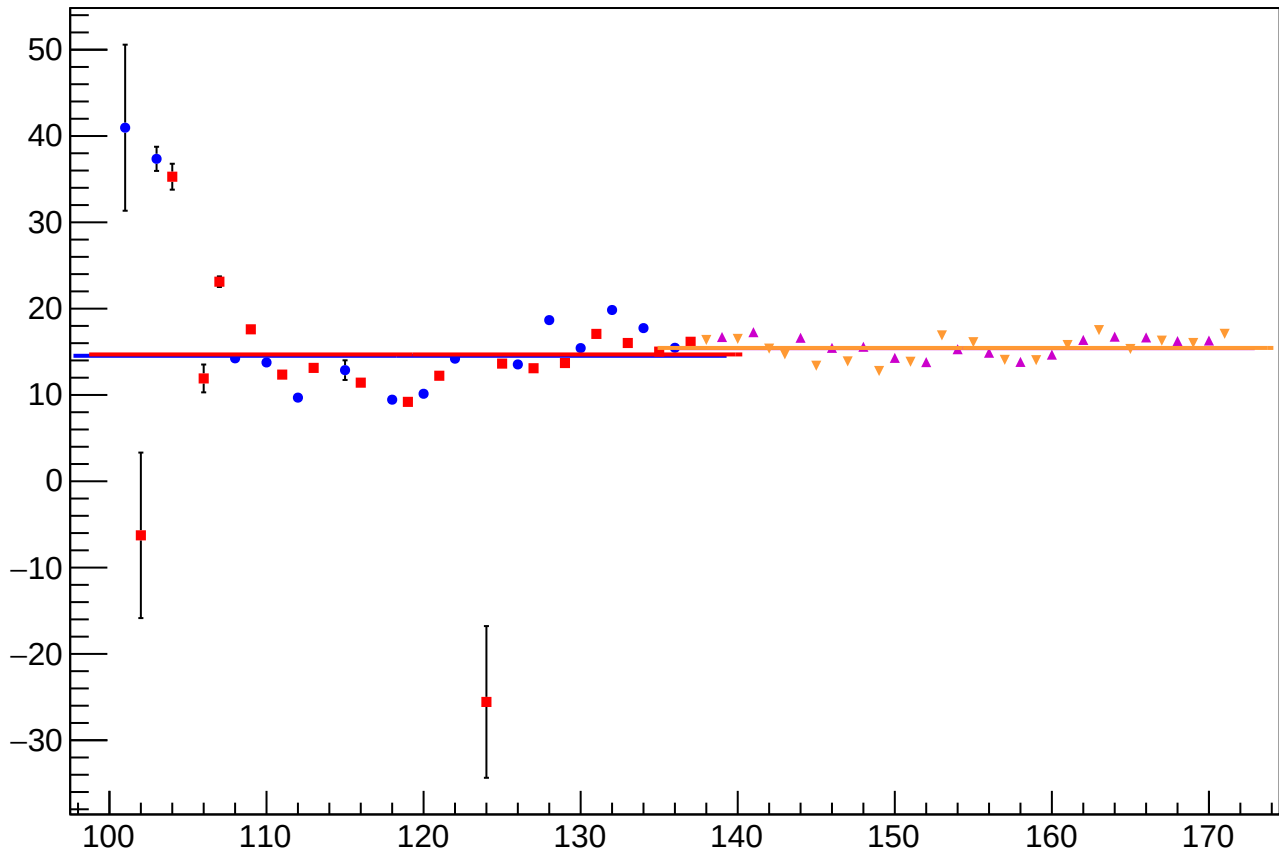
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -21.605 ± 0.015 χ^2/NDF : 358681.7/30

Out: -18.899 ± 0.014 χ^2/NDF : 281655.3/35

All: -20.177 ± 0.010 χ^2/NDF : 657752.0/66

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.448 $\pm$ 0.015 χ^2 /NDF: 7209.8/17

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.420 $\pm$ 0.016 χ^2 /NDF: 4879.7/15

Left: 15.434 $\pm$ 0.011 χ^2 /NDF: 12091.1/33

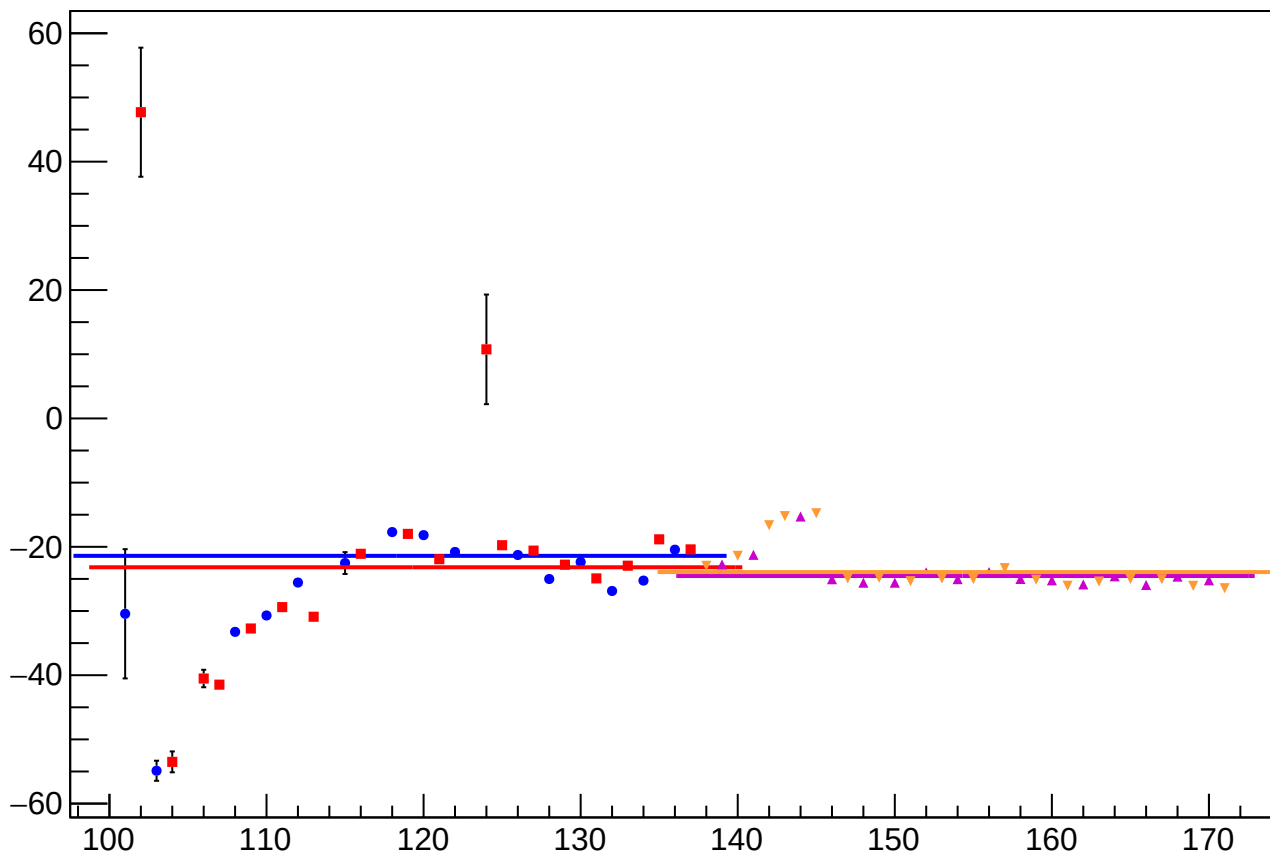
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.232 $\pm$ 0.014 χ^2 /NDF: 17639.0/30

Out: 15.366 $\pm$ 0.014 χ^2 /NDF: 9109.7/35

All: 15.297 $\pm$ 0.010 χ^2 /NDF: 26794.4/66

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -23.934 ± 0.018 $\chi^2/\text{NDF}: 35844.0/17$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.547 ± 0.019 $\chi^2/\text{NDF}: 8014.5/15$

Left: -24.229 ± 0.013 $\chi^2/\text{NDF}: 44420.5/33$

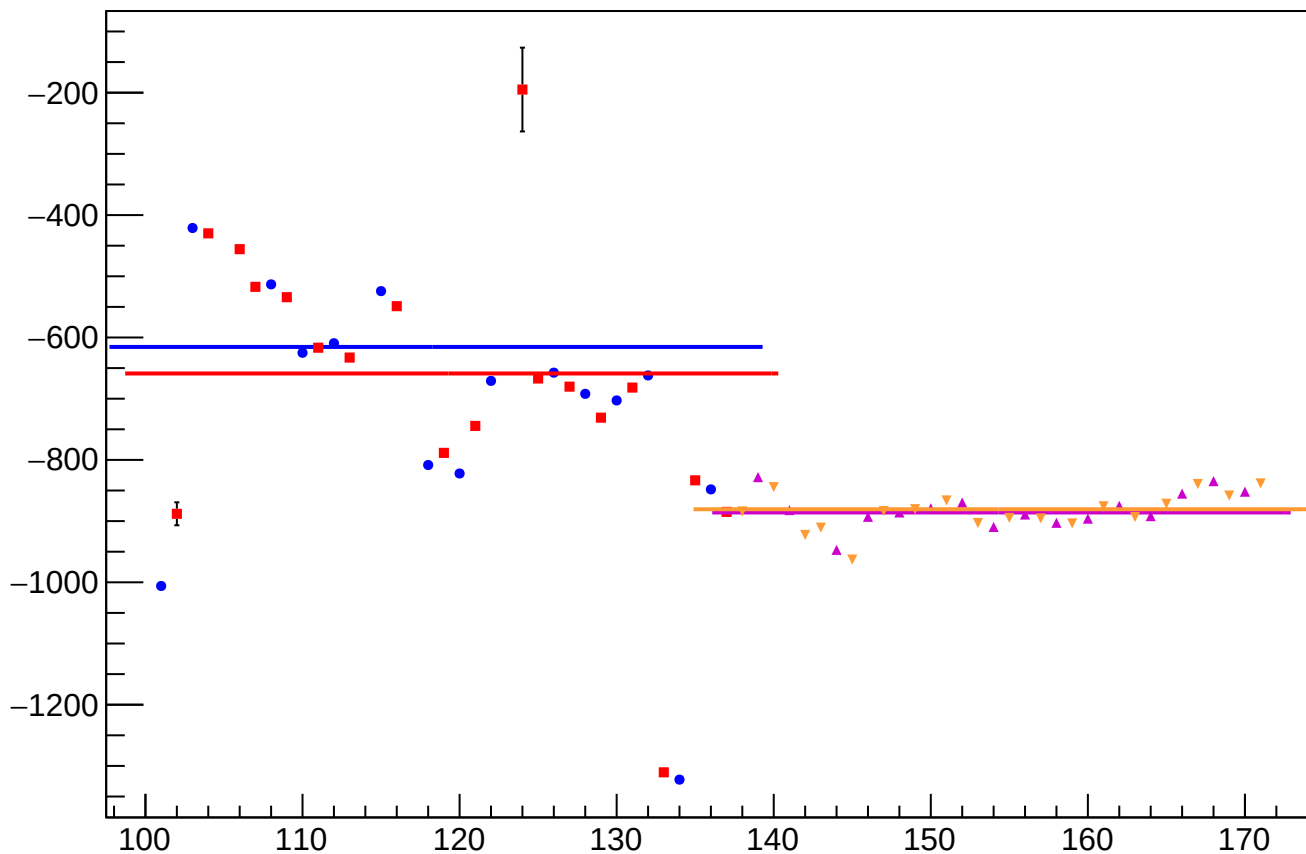
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.871 ± 0.017 $\chi^2/\text{NDF}: 23819.5/30$

Out: -23.852 ± 0.017 $\chi^2/\text{NDF}: 45161.5/35$

All: -23.861 ± 0.012 $\chi^2/\text{NDF}: 68981.6/66$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -880.640+/-0.146 χ^2/NDF : 30508.5/17

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -885.913+/-0.143 χ^2/NDF : 23231.0/15

Left: -883.345+/-0.102 χ^2/NDF : 54404.7/33

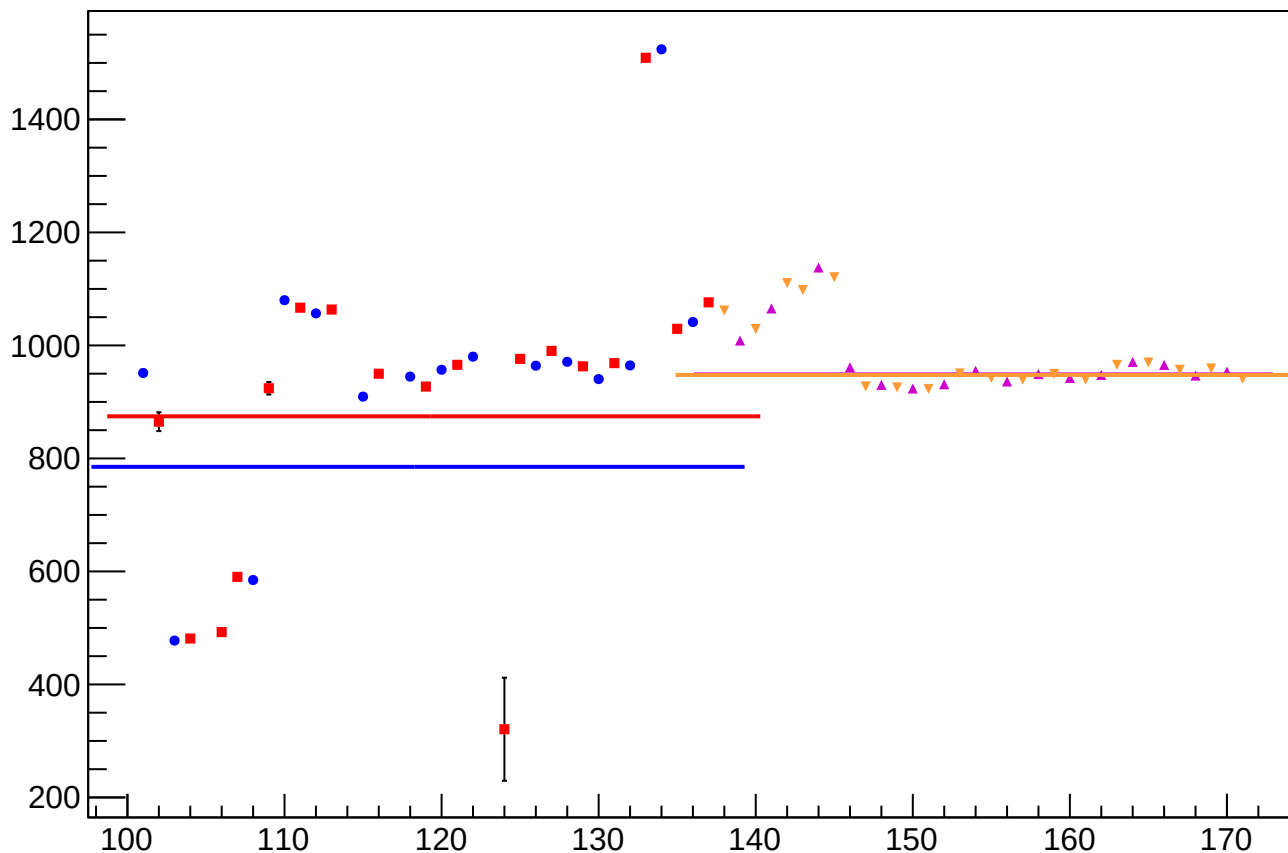
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -814.225+/-0.122 χ^2/NDF : 1358599.2/30

Out: -826.039+/-0.127 χ^2/NDF : 980643.9/35

All: -819.903+/-0.088 χ^2/NDF : 2343726.2/66

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.794 $\pm$ 0.121 χ^2/NDF : 71658.9/17

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.765 $\pm$ 0.118 χ^2/NDF : 75319.1/15

Left: 948.292 $\pm$ 0.084 χ^2/NDF : 147011.1/33

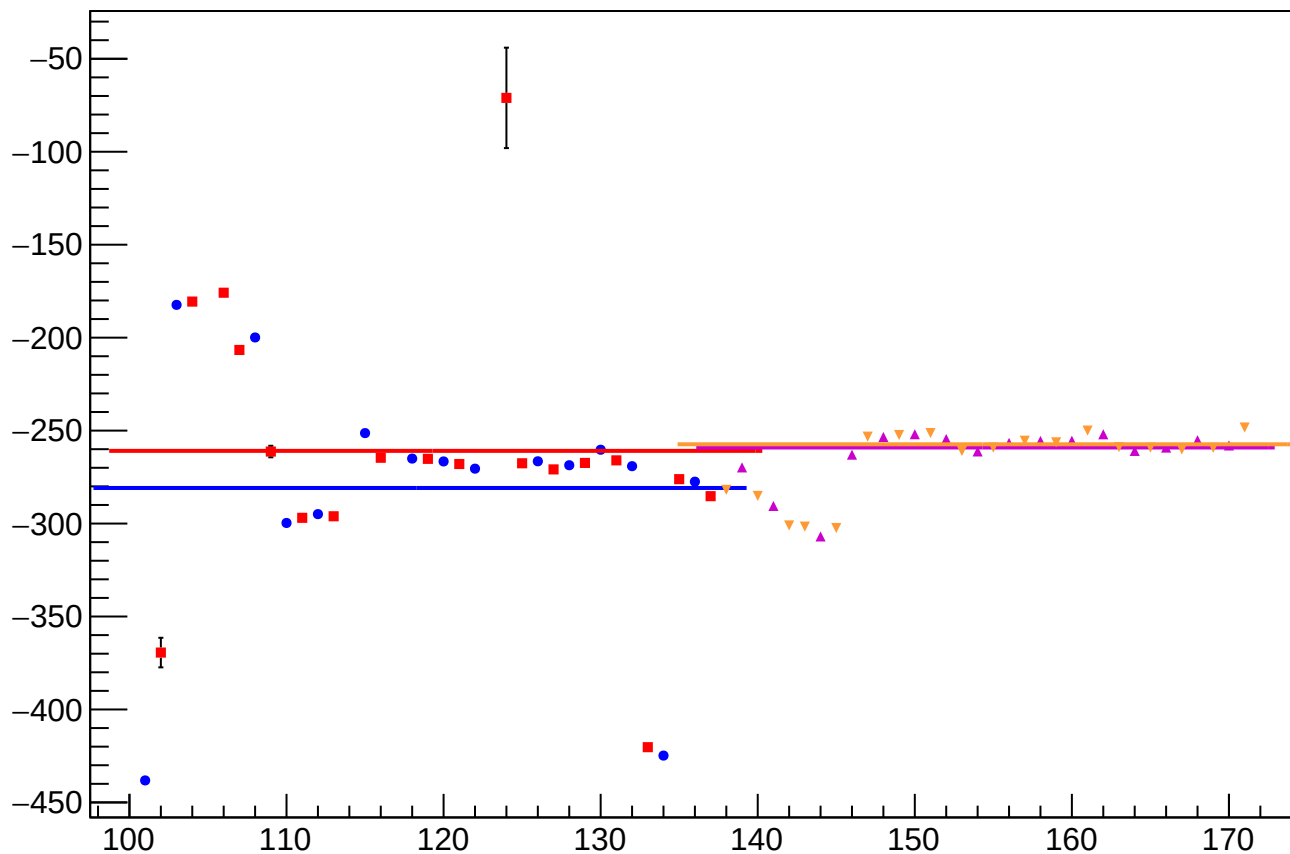
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 914.415 $\pm$ 0.104 χ^2/NDF : 1368485.6/30

Out: 934.905 $\pm$ 0.110 χ^2/NDF : 979055.9/35

All: 924.172 $\pm$ 0.076 χ^2/NDF : 2365860.1/66

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.365 ± 0.021 $\chi^2/\text{NDF}: 174862.0/17$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -259.084 ± 0.021 $\chi^2/\text{NDF}: 188233.8/15$

Left: -258.226 ± 0.015 $\chi^2/\text{NDF}: 366465.5/33$

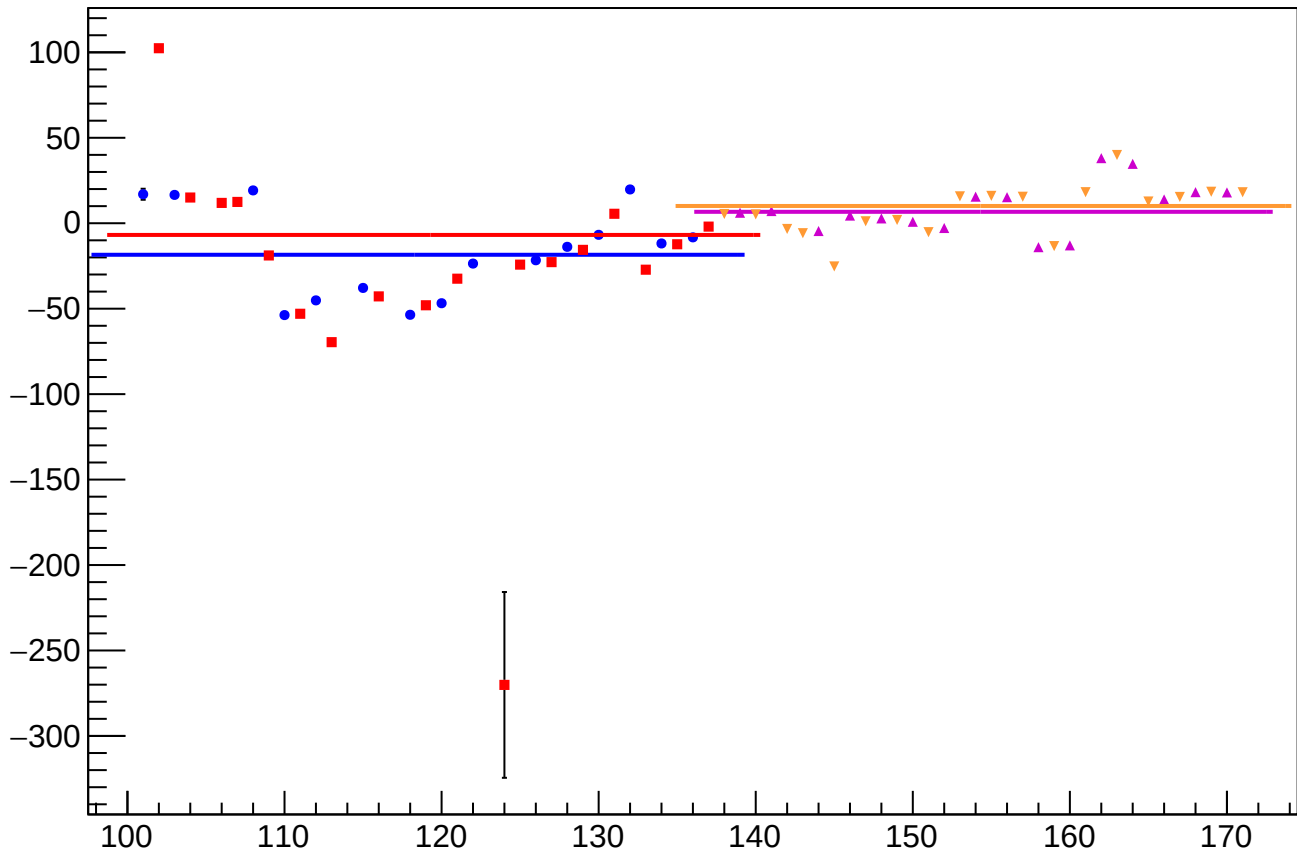
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.551 ± 0.020 $\chi^2/\text{NDF}: 1184521.5/30$

Out: -257.675 ± 0.020 $\chi^2/\text{NDF}: 525072.0/35$

All: -259.644 ± 0.014 $\chi^2/\text{NDF}: 1728635.6/66$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 χ^2/NDF : 46574.6/14

Left Out: 10.101 ± 0.021 χ^2/NDF : 402857.6/17

Right Out: -6.843 ± 0.065 χ^2/NDF : 50023.0/17

Left In: 6.679 ± 0.021 χ^2/NDF : 431893.6/15

Left: 8.369 ± 0.015 χ^2/NDF : 848201.2/33

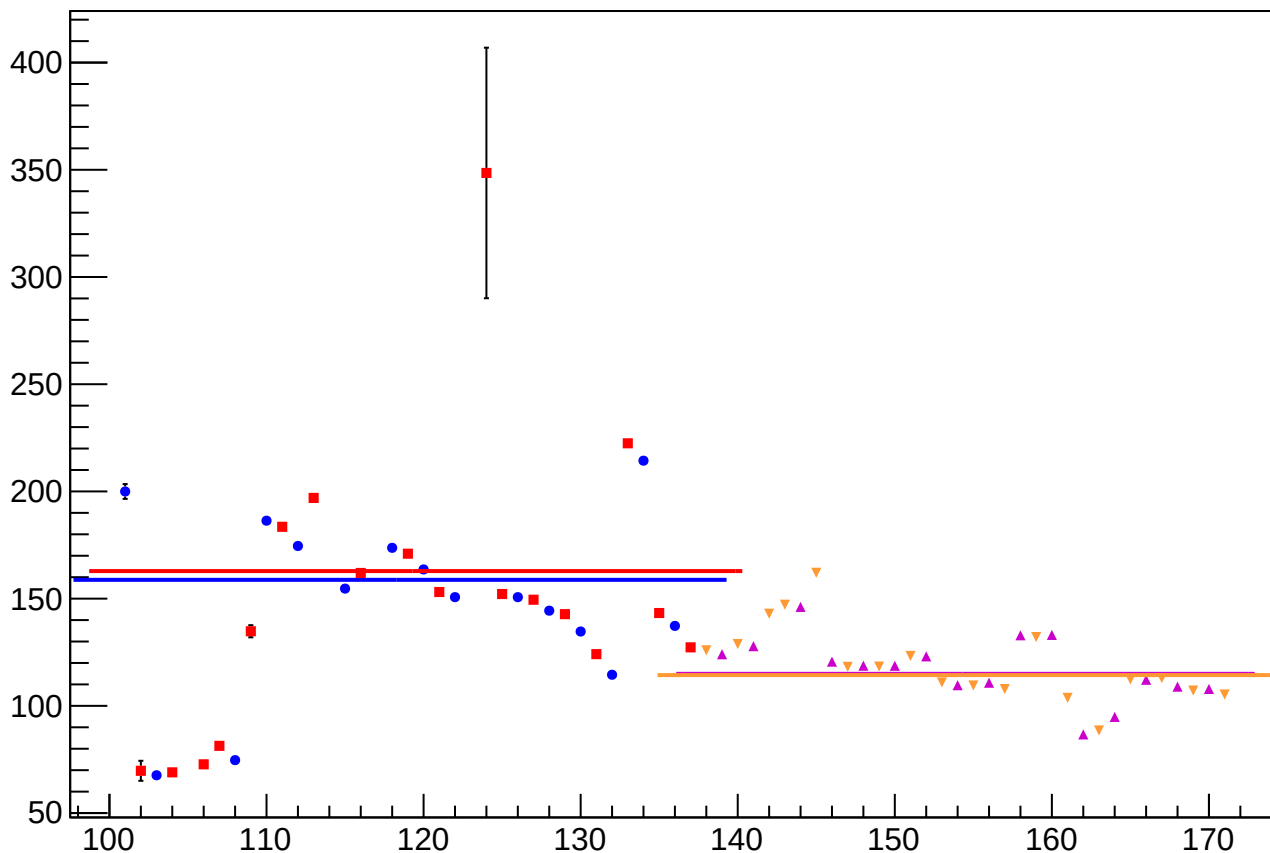
Right: -10.715 ± 0.053 χ^2/NDF : 107378.5/32

In: 5.445 ± 0.020 χ^2/NDF : 550559.2/30

Out: 8.482 ± 0.020 χ^2/NDF : 515152.1/35

All: 6.983 ± 0.014 χ^2/NDF : 1077130.0/66

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 114.341 $\pm$ 0.025 χ^2 /NDF: 223190.3/17

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 114.928 $\pm$ 0.023 χ^2 /NDF: 297156.4/15

Left: 114.662 $\pm$ 0.017 χ^2 /NDF: 520644.0/33

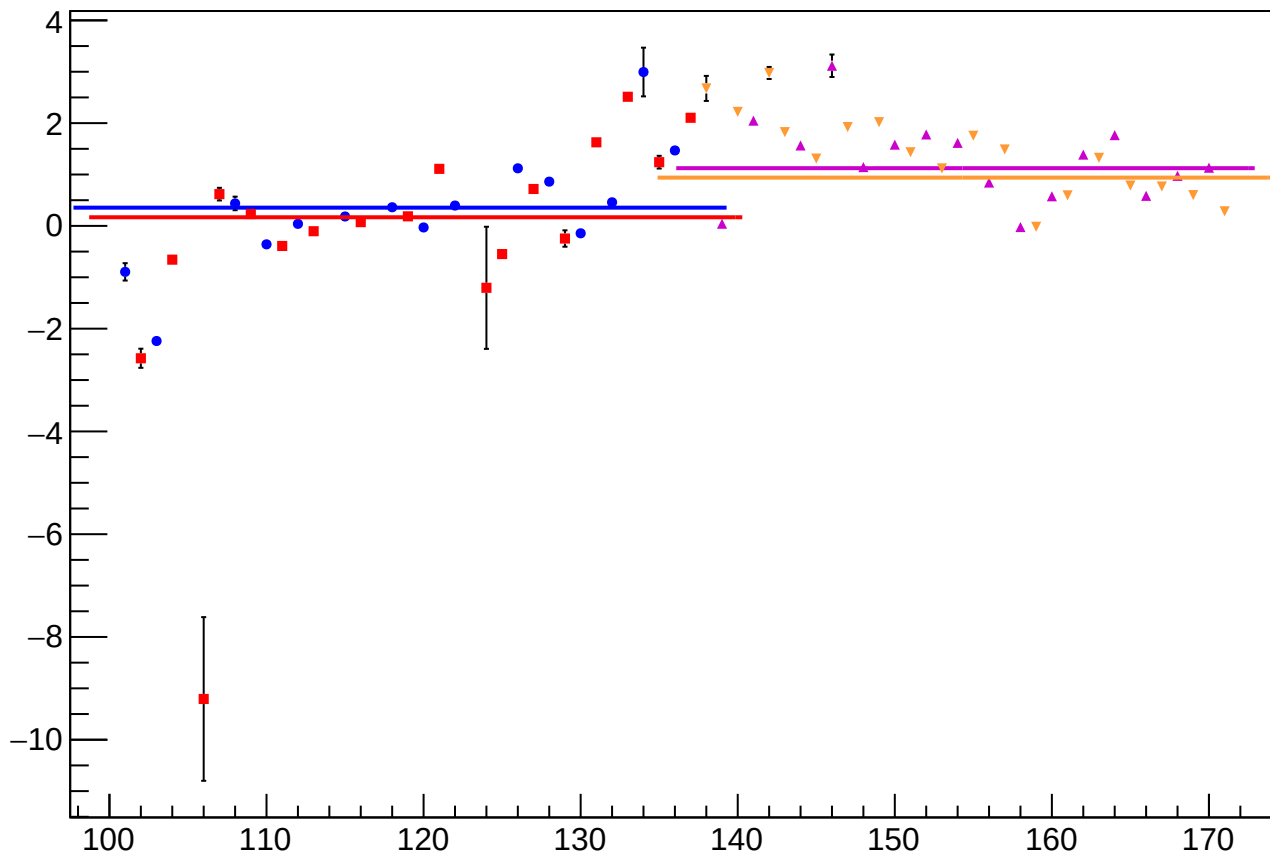
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 117.690 $\pm$ 0.022 χ^2 /NDF: 687140.6/30

Out: 117.646 $\pm$ 0.024 χ^2 /NDF: 631520.6/35

All: 117.670 $\pm$ 0.016 χ^2 /NDF: 1318663.0/66

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.940 $\pm$ 0.009 χ^2/NDF : 5597.8/17

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.123 $\pm$ 0.008 χ^2/NDF : 6428.9/15

Left: 1.046 $\pm$ 0.006 χ^2/NDF : 12267.0/33

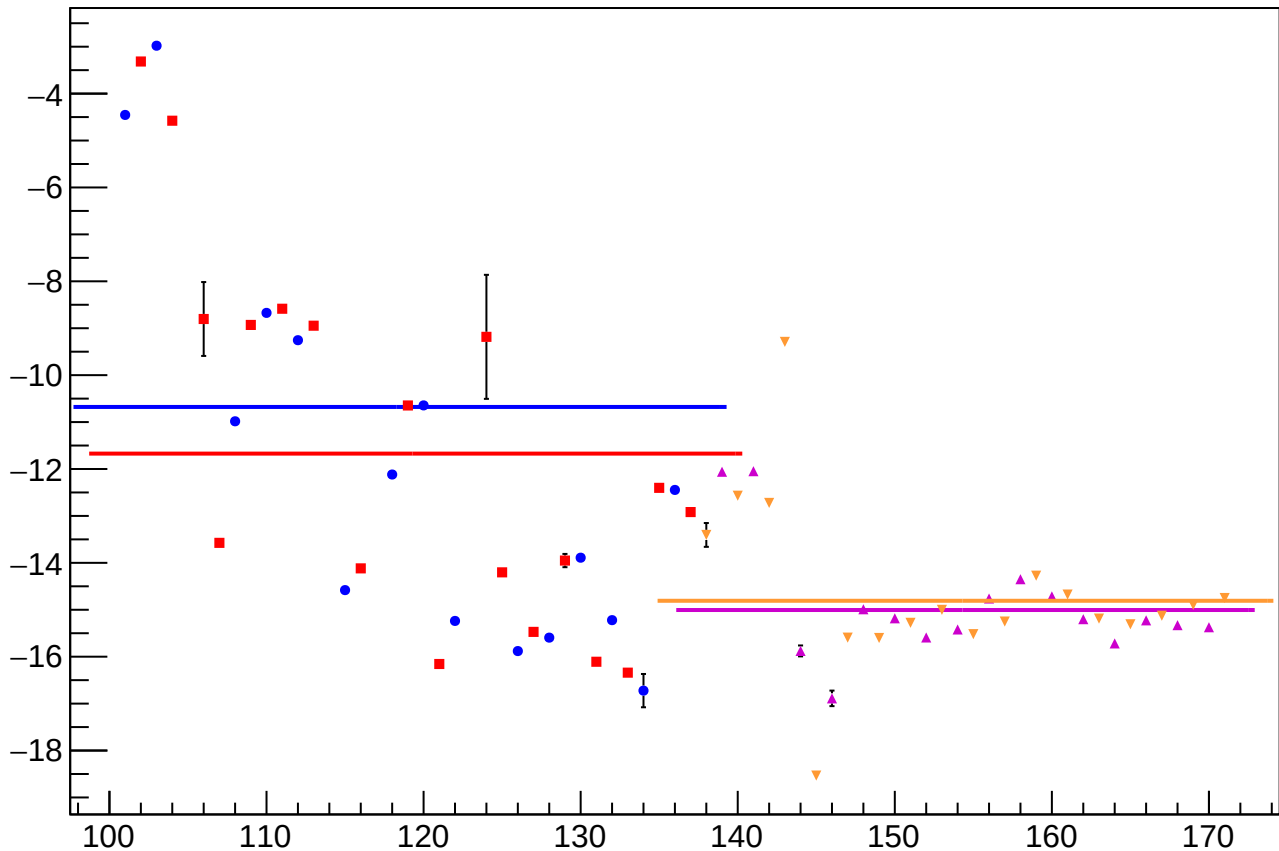
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.893 $\pm$ 0.006 χ^2/NDF : 13427.8/30

Out: 0.492 $\pm$ 0.006 χ^2/NDF : 14471.6/35

All: 0.672 $\pm$ 0.004 χ^2/NDF : 30030.3/66

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -14.808 $\pm$ 0.007 χ^2/NDF : 30593.3/17

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.005 $\pm$ 0.007 χ^2/NDF : 12660.6/15

Left: -14.914 $\pm$ 0.005 χ^2/NDF : 43649.9/33

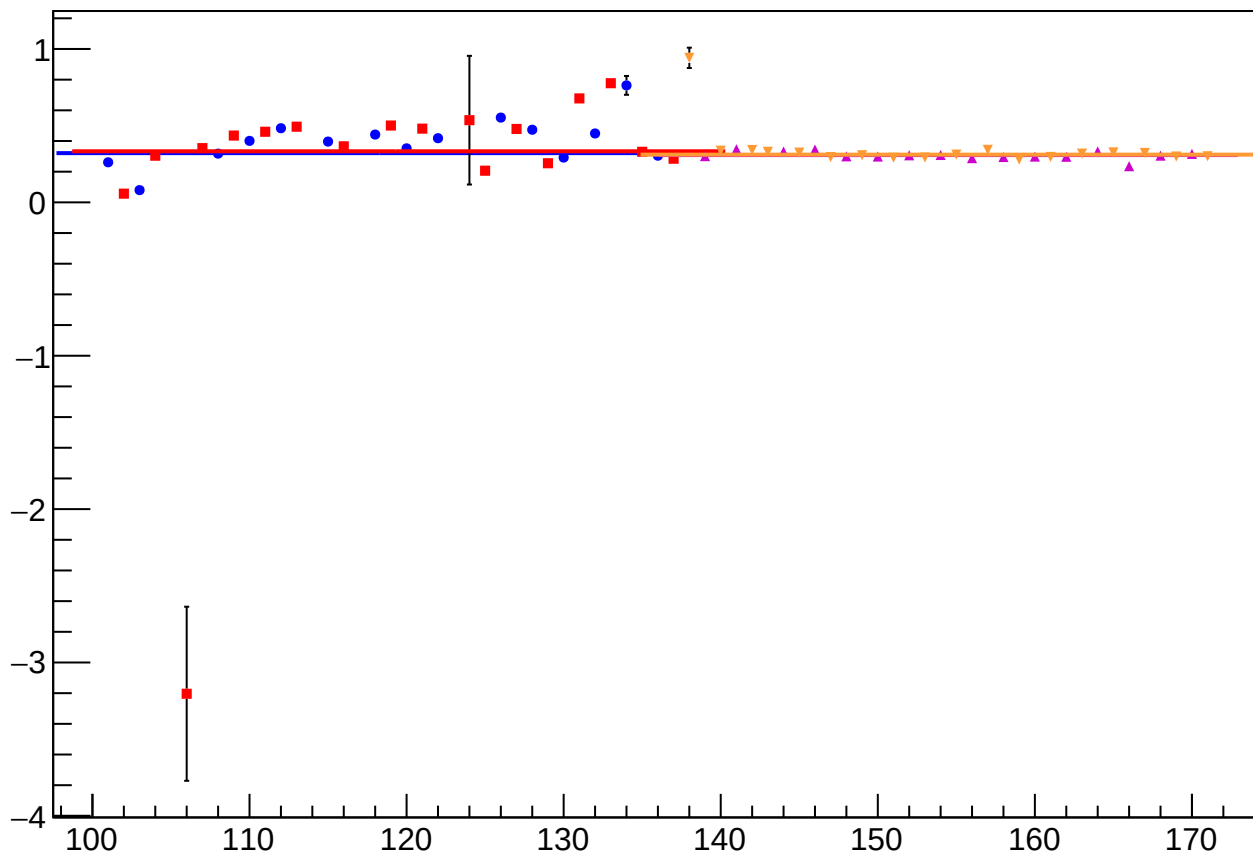
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.705 $\pm$ 0.006 χ^2/NDF : 363469.7/30

Out: -13.931 $\pm$ 0.006 χ^2/NDF : 190724.6/35

All: -13.808 $\pm$ 0.004 χ^2/NDF : 554927.1/66

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 : 4678.5/17

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.308+/-0.000 χ^2/NDF : 2601.8/15

Left: 0.310+/-0.000 χ^2/NDF : 7338.7/33

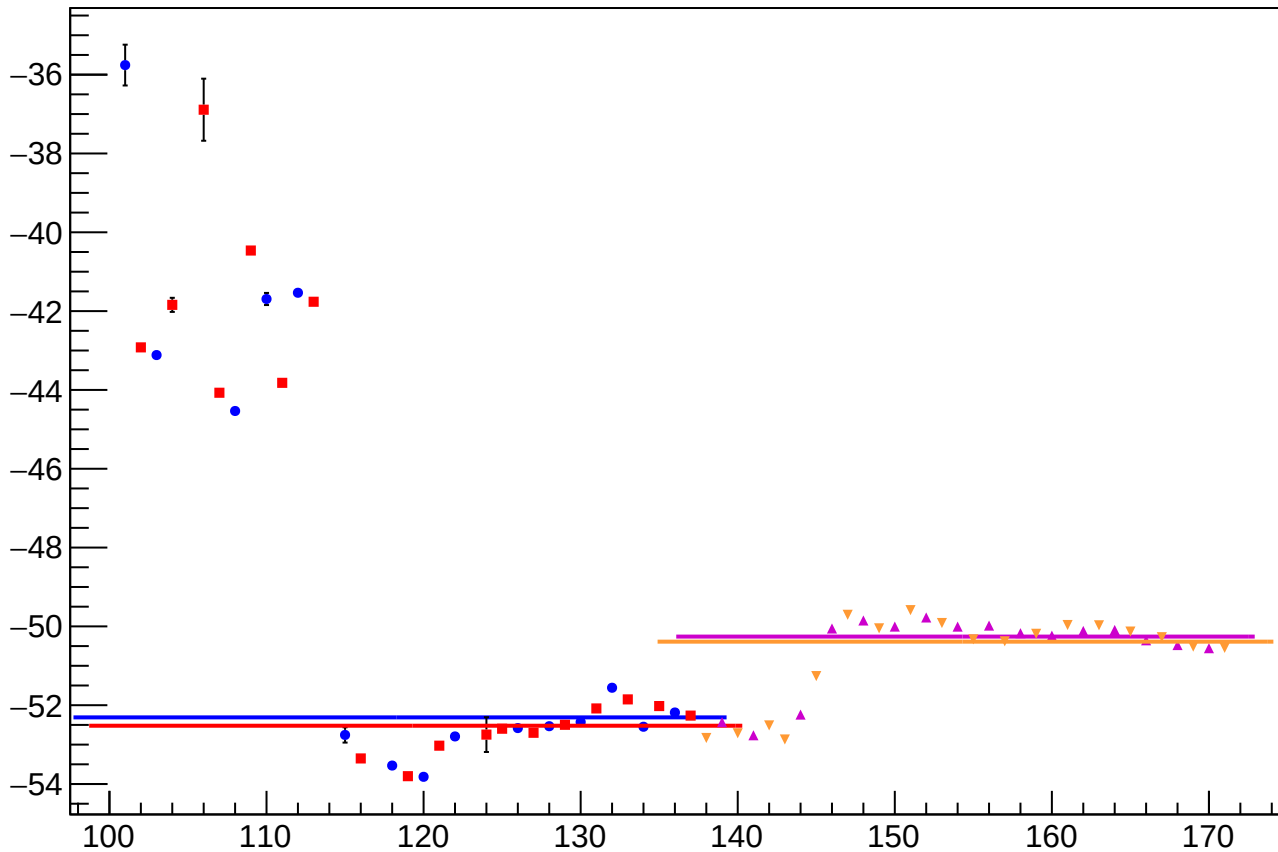
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.309+/-0.000 χ^2/NDF : 6788.5/30

Out: 0.312+/-0.000 χ^2/NDF : 9144.8/35

All: 0.311+/-0.000 χ^2/NDF : 15990.1/66

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.387 ± 0.002 $\chi^2/\text{NDF}: 228131.2/17$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.259 ± 0.001 $\chi^2/\text{NDF}: 162953.6/15$

Left: -50.313 ± 0.001 $\chi^2/\text{NDF}: 394631.3/33$

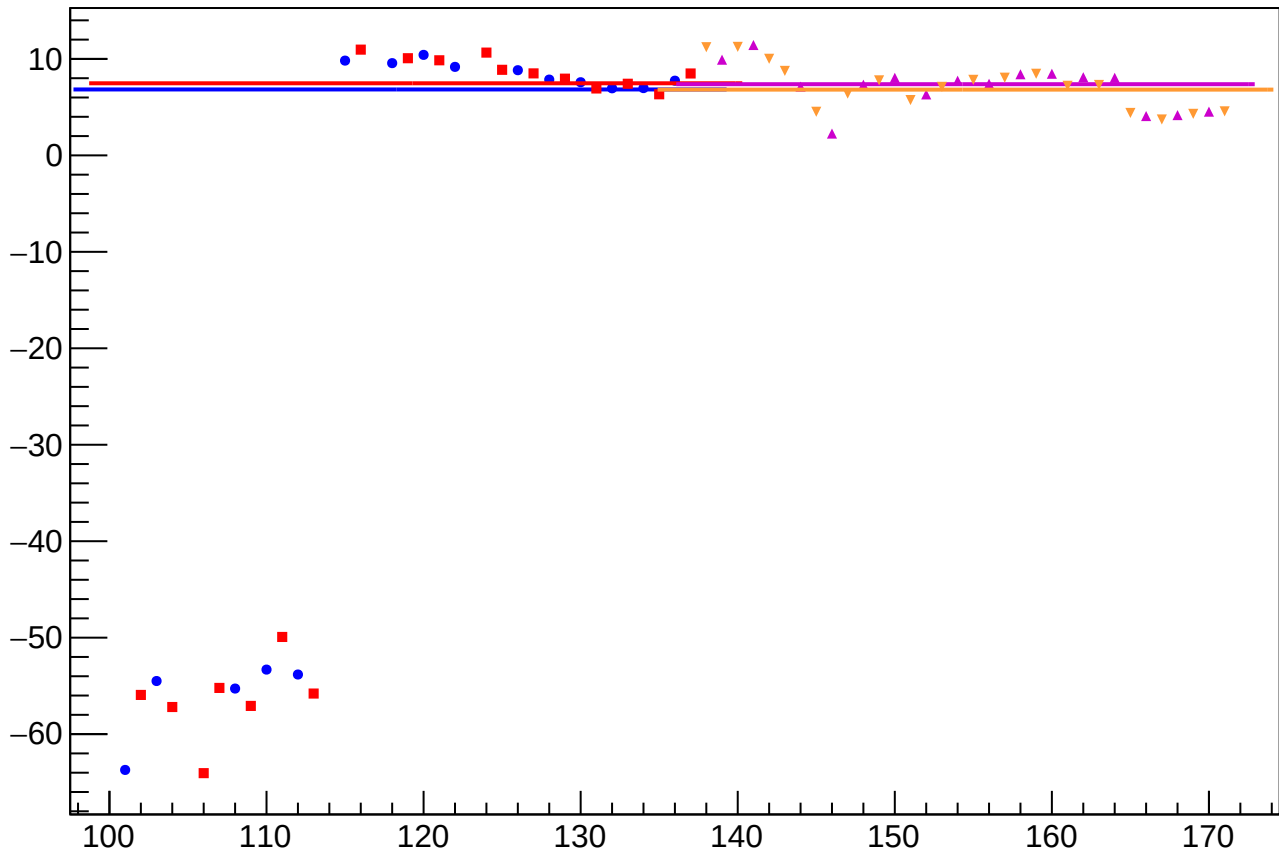
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.448 ± 0.001 $\chi^2/\text{NDF}: 412259.9/30$

Out: -50.627 ± 0.002 $\chi^2/\text{NDF}: 495265.7/35$

All: -50.525 ± 0.001 $\chi^2/\text{NDF}: 915200.7/66$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.817 ± 0.004 $\chi^2/\text{NDF}: 290521.4/17$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.379 ± 0.004 $\chi^2/\text{NDF}: 143952.8/15$

Left: 7.117 ± 0.003 $\chi^2/\text{NDF}: 445946.0/33$

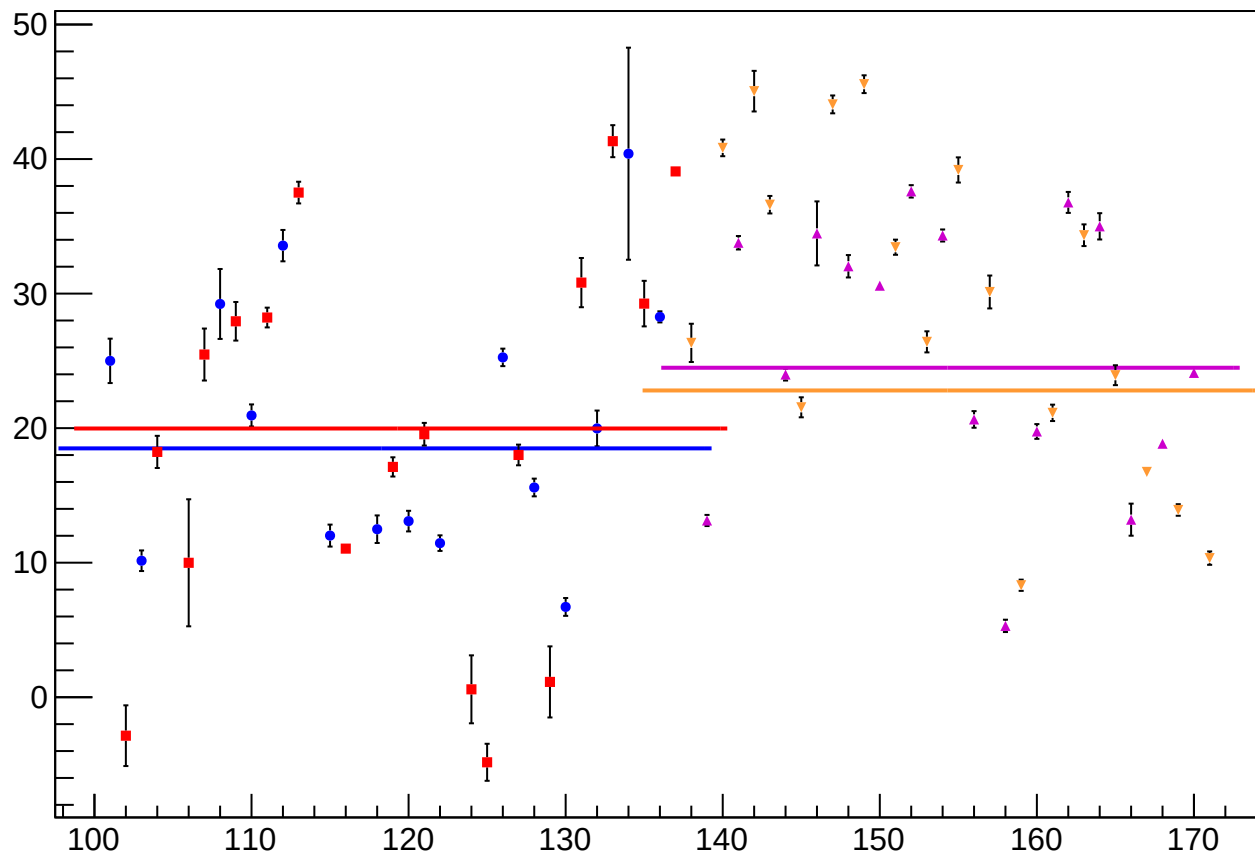
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.197 ± 0.003 $\chi^2/\text{NDF}: 1142256.8/30$

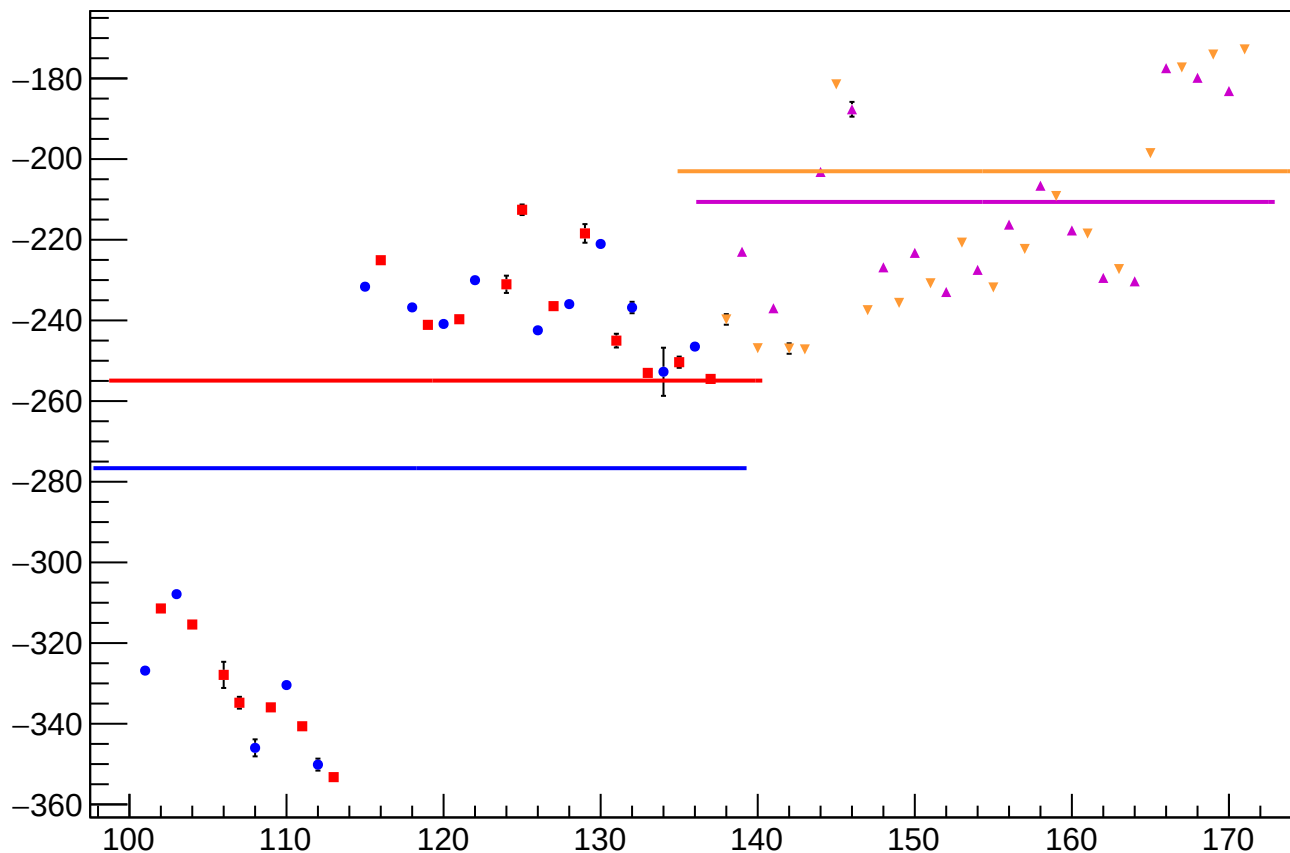
Out: 6.912 ± 0.004 $\chi^2/\text{NDF}: 1490291.3/35$

All: 7.082 ± 0.002 $\chi^2/\text{NDF}: 2636379.2/66$

dit_sam2_4aX_slope vs Slug, Sign Corrected



dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -203.016 ± 0.113 $\chi^2/\text{NDF}: 59202.3/17$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -210.622 ± 0.102 $\chi^2/\text{NDF}: 40249.5/15$

Left: -207.188 ± 0.076 $\chi^2/\text{NDF}: 101956.2/33$

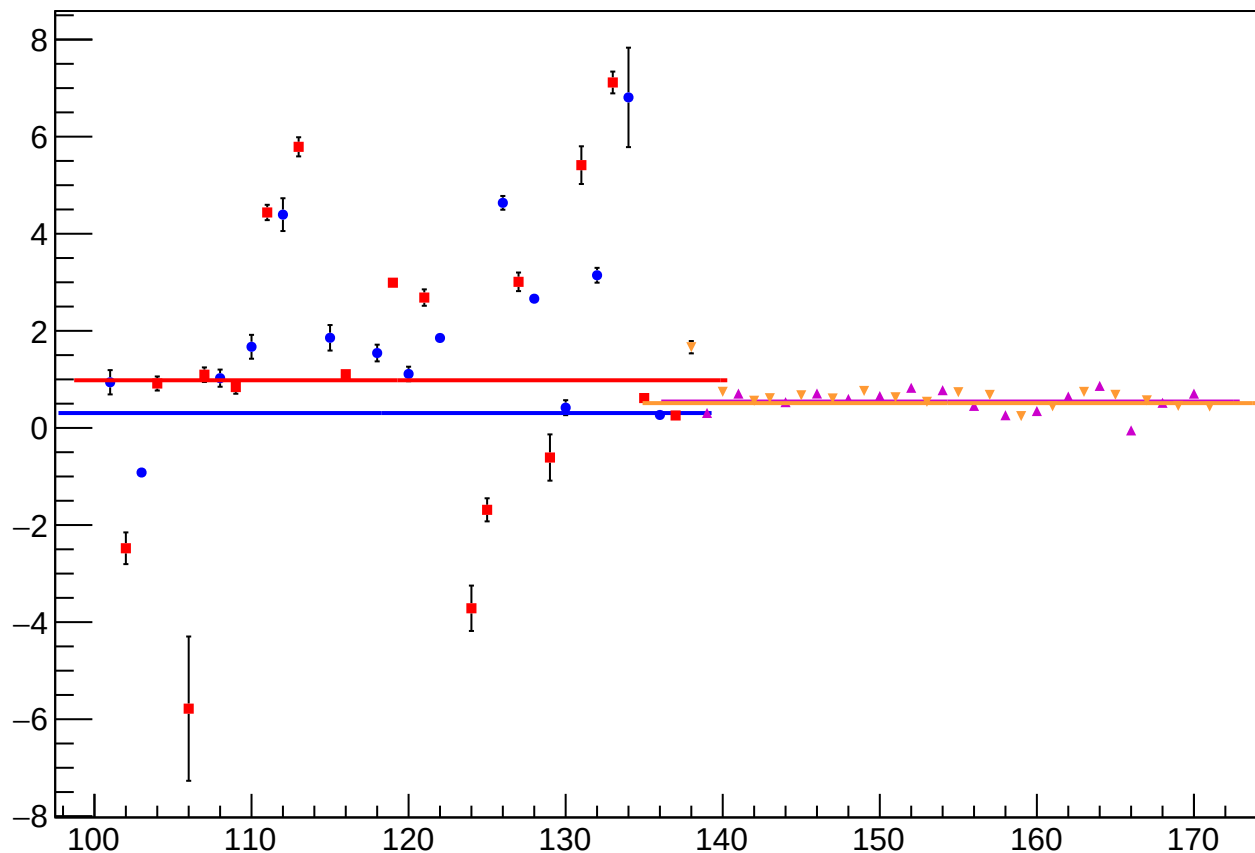
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -232.009 ± 0.084 $\chi^2/\text{NDF}: 252698.8/30$

Out: -240.081 ± 0.060 $\chi^2/\text{NDF}: 282973.1/35$

All: -237.342 ± 0.049 $\chi^2/\text{NDF}: 541776.2/66$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.511 ± 0.002 $\chi^2/\text{NDF}: 8388.5/17$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.544 ± 0.002 $\chi^2/\text{NDF}: 14103.2/15$

Left: 0.529 ± 0.001 $\chi^2/\text{NDF}: 22634.9/33$

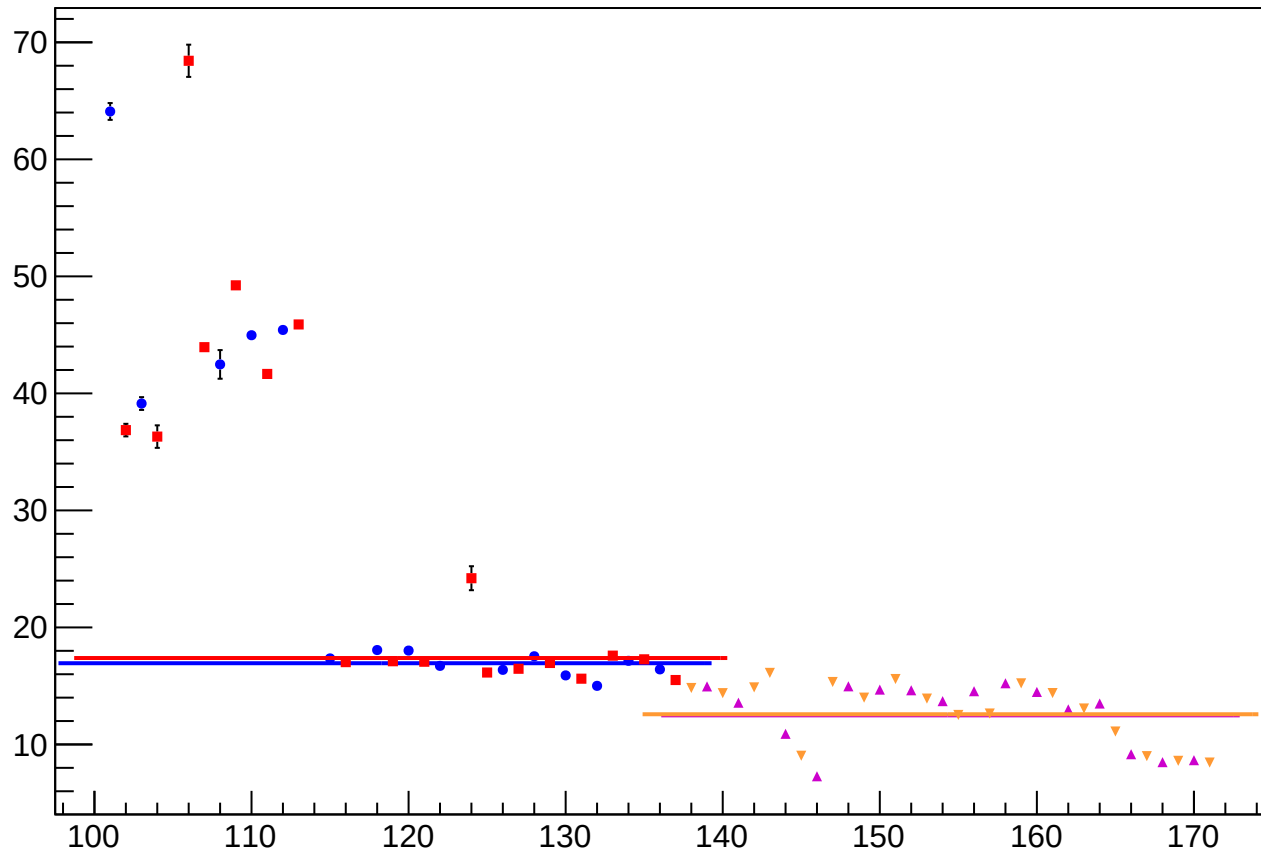
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.527 ± 0.002 $\chi^2/\text{NDF}: 18079.0/30$

Out: 0.520 ± 0.002 $\chi^2/\text{NDF}: 12772.1/35$

All: 0.524 ± 0.001 $\chi^2/\text{NDF}: 30858.1/66$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 12.580 $\pm$ 0.008 χ^2 /NDF:144558.9/17

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 12.485 $\pm$ 0.008 χ^2 /NDF:124332.2/15

Left: 12.532 $\pm$ 0.006 χ^2 /NDF: 268961.5/33

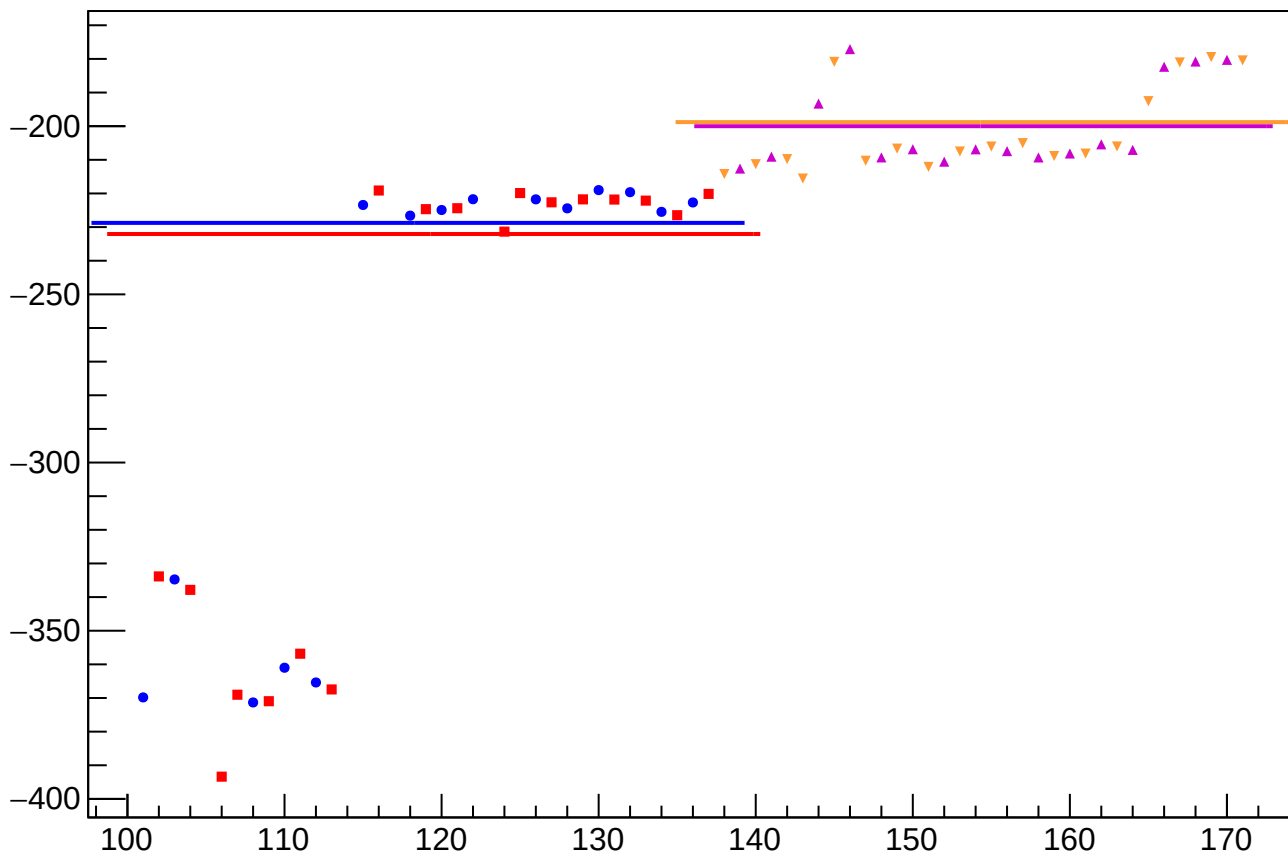
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 13.709 $\pm$ 0.007 χ^2 /NDF:240313.4/30

Out: 13.410 $\pm$ 0.007 χ^2 /NDF:267427.8/35

All: 13.571 $\pm$ 0.005 χ^2 /NDF: 508642.9/66

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -198.788 ± 0.015 $\chi^2/\text{NDF}: 825614.4/17$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -200.007 ± 0.015 $\chi^2/\text{NDF}: 707477.9/15$

Left: -199.419 ± 0.011 $\chi^2/\text{NDF}: 1536323.8/33$

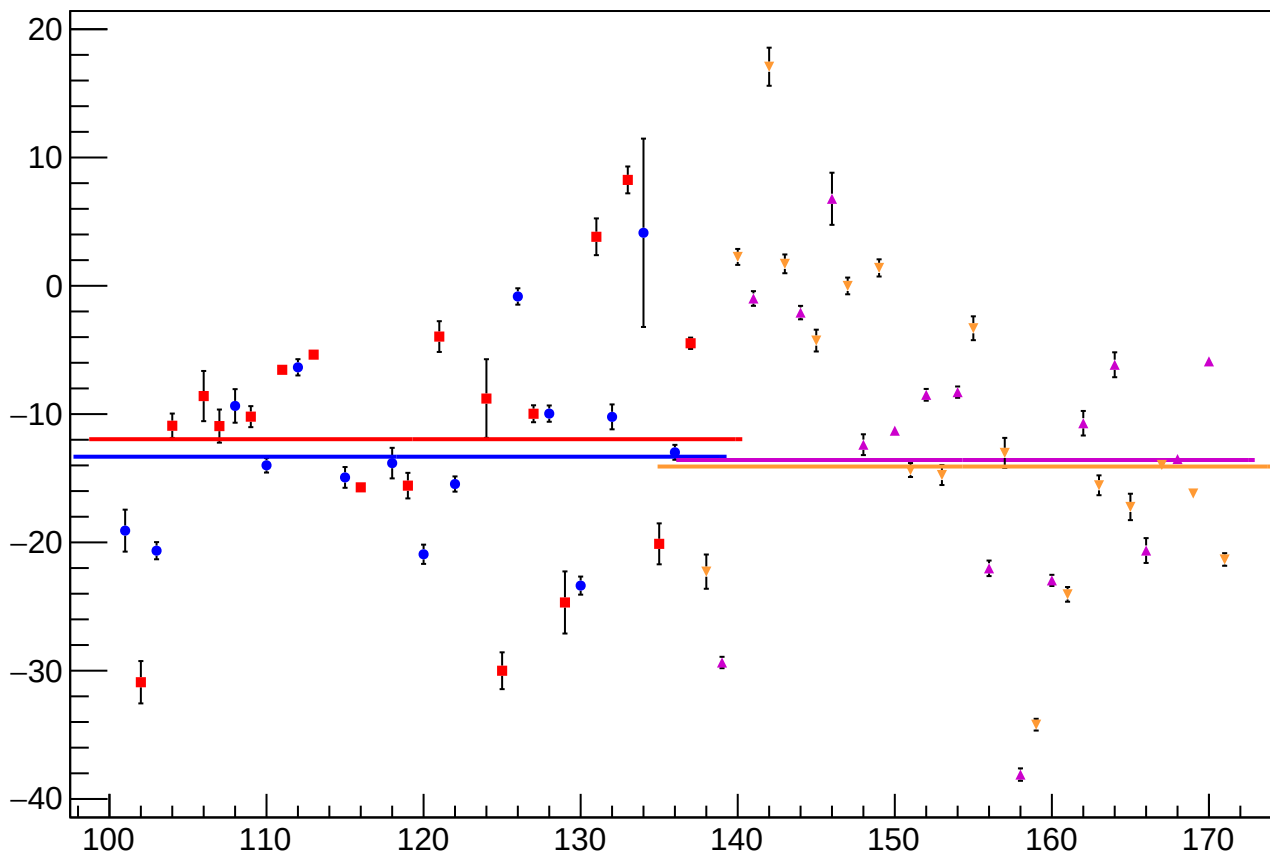
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -204.480 ± 0.014 $\chi^2/\text{NDF}: 1944876.3/30$

Out: -202.856 ± 0.014 $\chi^2/\text{NDF}: 2186678.8/35$

All: -203.712 ± 0.010 $\chi^2/\text{NDF}: 4138219.1/66$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -14.087 ± 0.139 χ^2/NDF : 5388.7/17

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -13.578 ± 0.122 χ^2/NDF : 6728.8/15

Left: -13.800 ± 0.092 χ^2/NDF : 12125.1/33

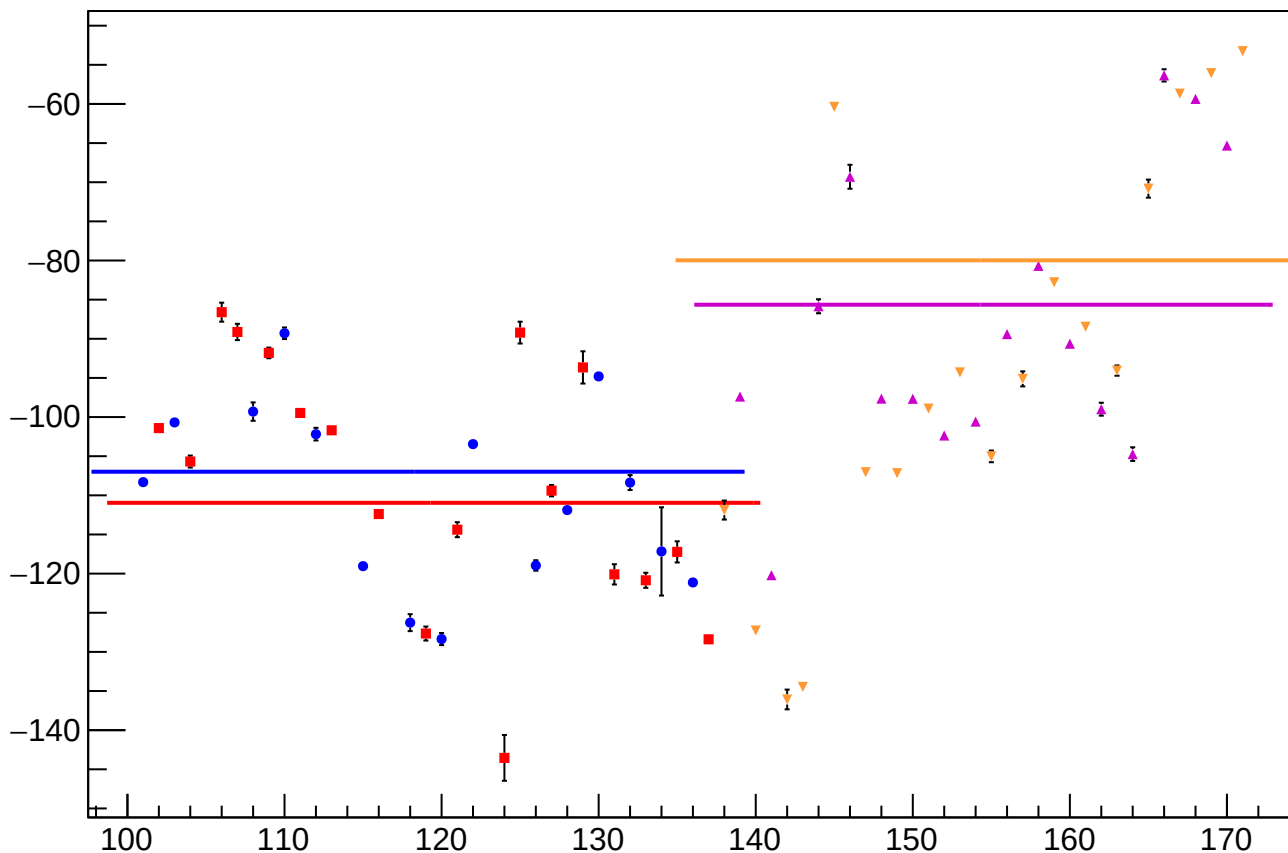
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.505 ± 0.103 χ^2/NDF : 7743.1/30

Out: -12.802 ± 0.087 χ^2/NDF : 8018.1/35

All: -13.096 ± 0.067 χ^2/NDF : 15788.2/66

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -79.977 ± 0.111 χ^2/NDF : 50013.3/17

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -85.647 ± 0.101 χ^2/NDF : 31757.2/15

Left: -83.084 ± 0.075 χ^2/NDF : 83193.0/33

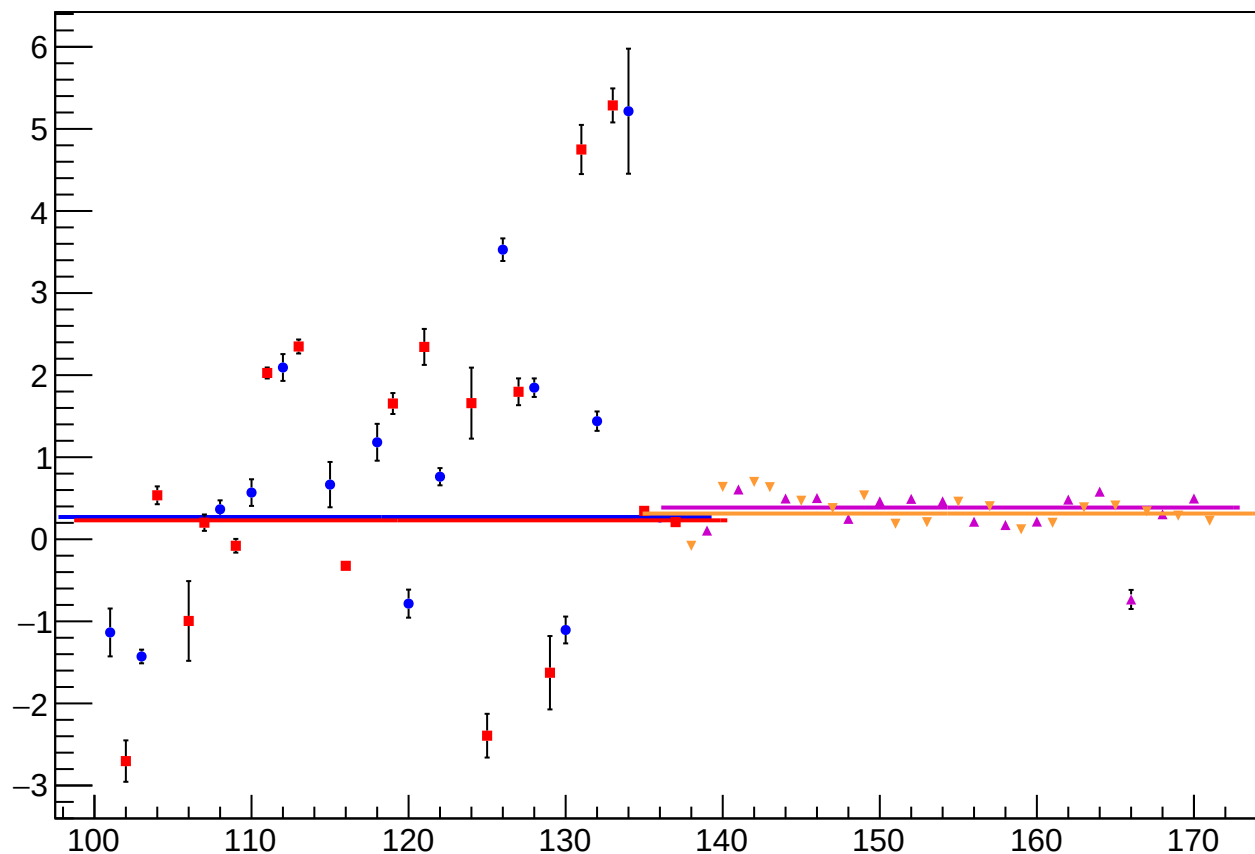
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -95.412 ± 0.074 χ^2/NDF : 56808.9/30

Out: -105.721 ± 0.046 χ^2/NDF : 125062.6/35

All: -102.895 ± 0.039 χ^2/NDF : 195794.4/66

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.313 ± 0.002 $\chi^2/\text{NDF}: 6725.5/17$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.387 ± 0.002 $\chi^2/\text{NDF}: 8286.1/15$

Left: 0.354 ± 0.001 $\chi^2/\text{NDF}: 15733.5/33$

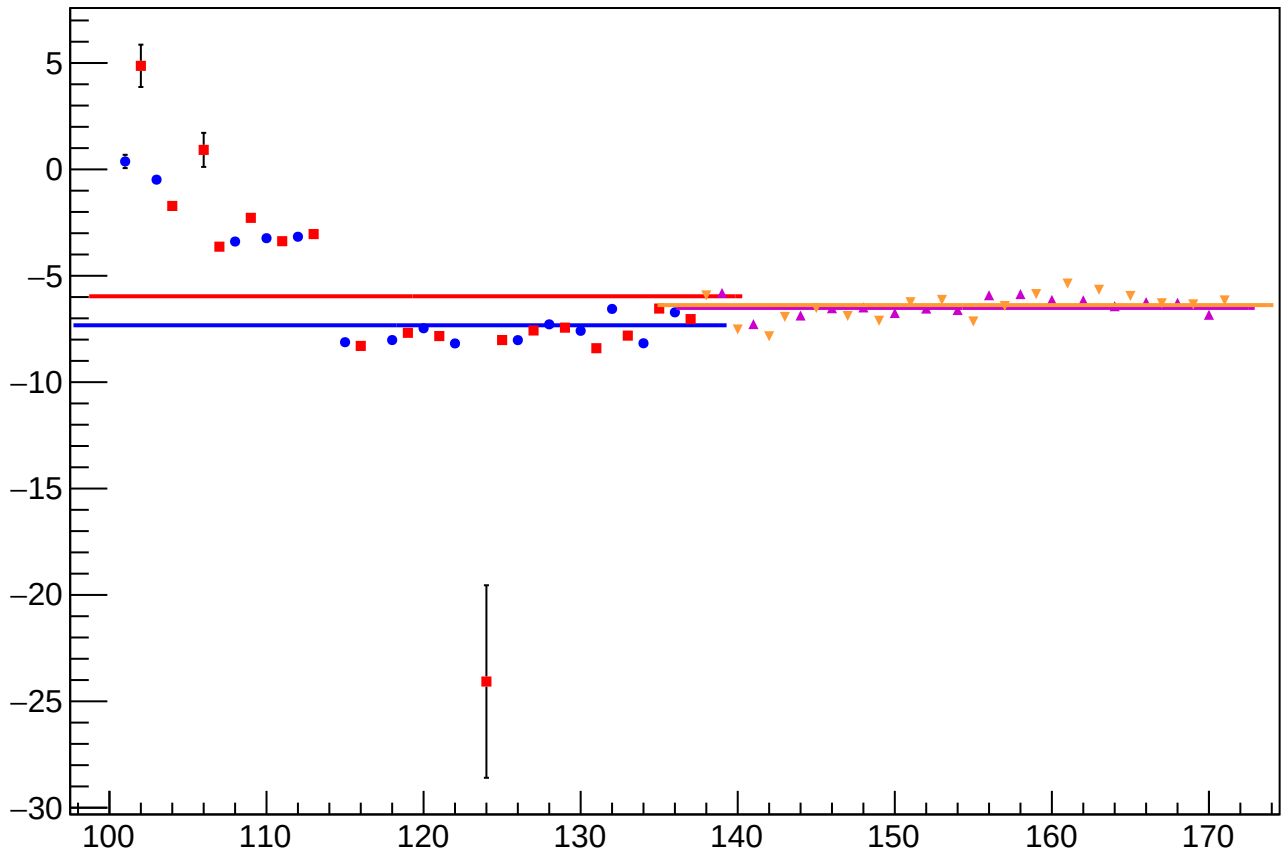
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10318.9/30$

Out: 0.299 ± 0.002 $\chi^2/\text{NDF}: 9922.6/35$

All: 0.339 ± 0.001 $\chi^2/\text{NDF}: 21139.4/66$

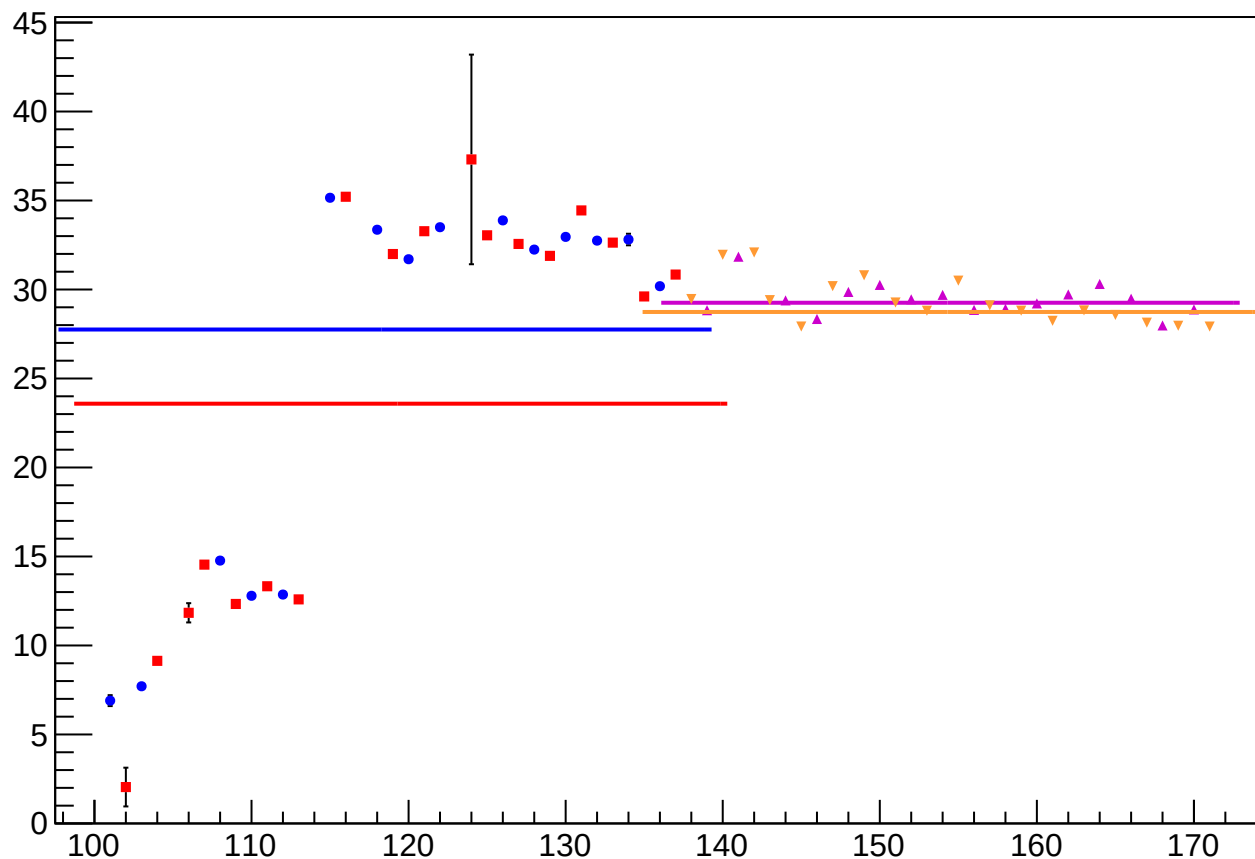
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.378 ± 0.005 $\chi^2/\text{NDF}: 6151.5/17$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.511 ± 0.005 $\chi^2/\text{NDF}: 6498.1/15$

Left: -6.448 ± 0.004 $\chi^2/\text{NDF}: 12996.1/33$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.719 ± 0.004 $\chi^2/\text{NDF}: 44055.6/30$
 Out: -6.272 ± 0.004 $\chi^2/\text{NDF}: 79619.0/35$
 All: -6.506 ± 0.003 $\chi^2/\text{NDF}: 128979.8/66$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.738 $\pm$ 0.009 χ^2/NDF :12817.5/17

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.256 $\pm$ 0.009 χ^2/NDF :6376.6/15

Left: 28.998 $\pm$ 0.006 χ^2/NDF : 20799.3/33

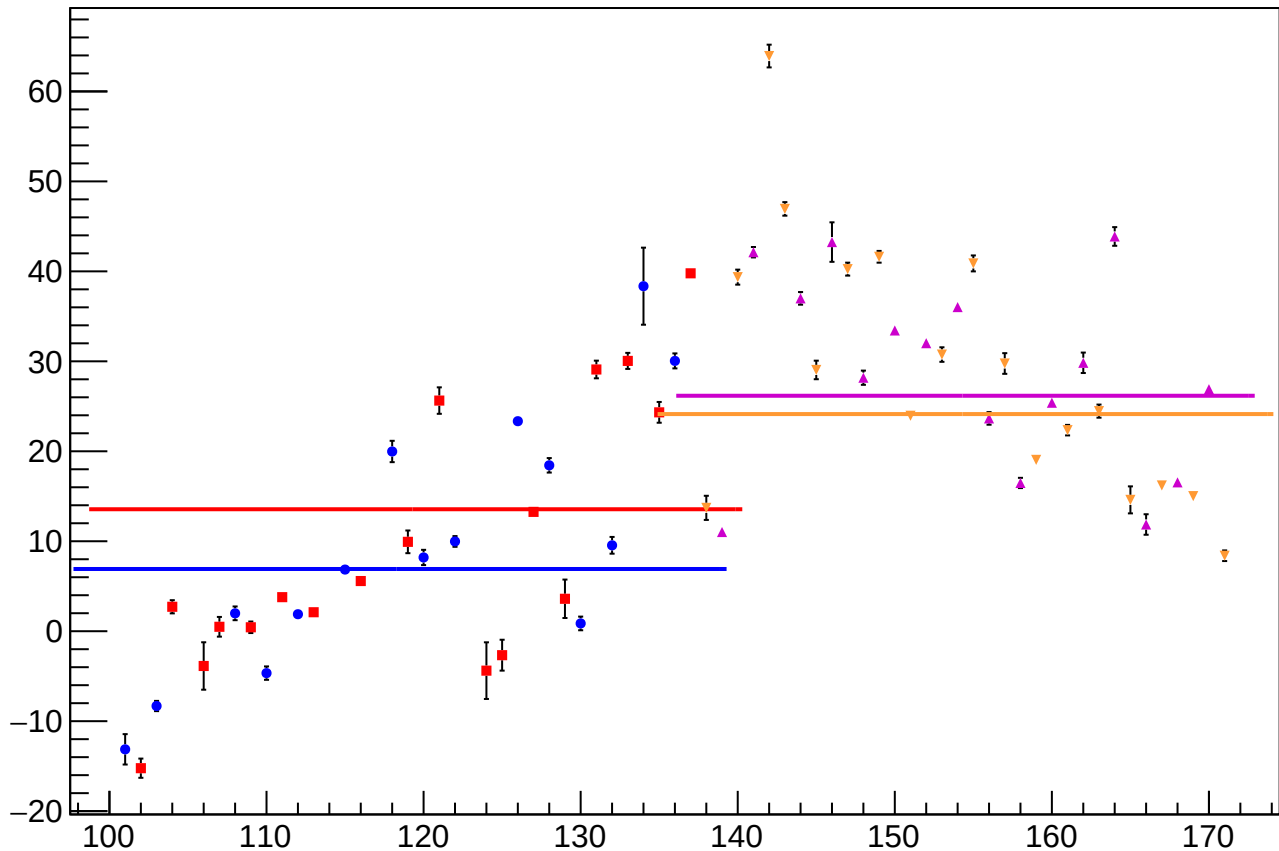
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.851 $\pm$ 0.008 χ^2/NDF :346611.8/30

Out: 27.147 $\pm$ 0.008 χ^2/NDF :650035.8/35

All: 27.978 $\pm$ 0.005 χ^2/NDF : 1021049.4/66

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 24.136 ± 0.152 χ^2/NDF : 5842.3/17

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 26.172 ± 0.130 χ^2/NDF : 5437.6/15

Left: 25.308 ± 0.099 χ^2/NDF : 11383.4/33

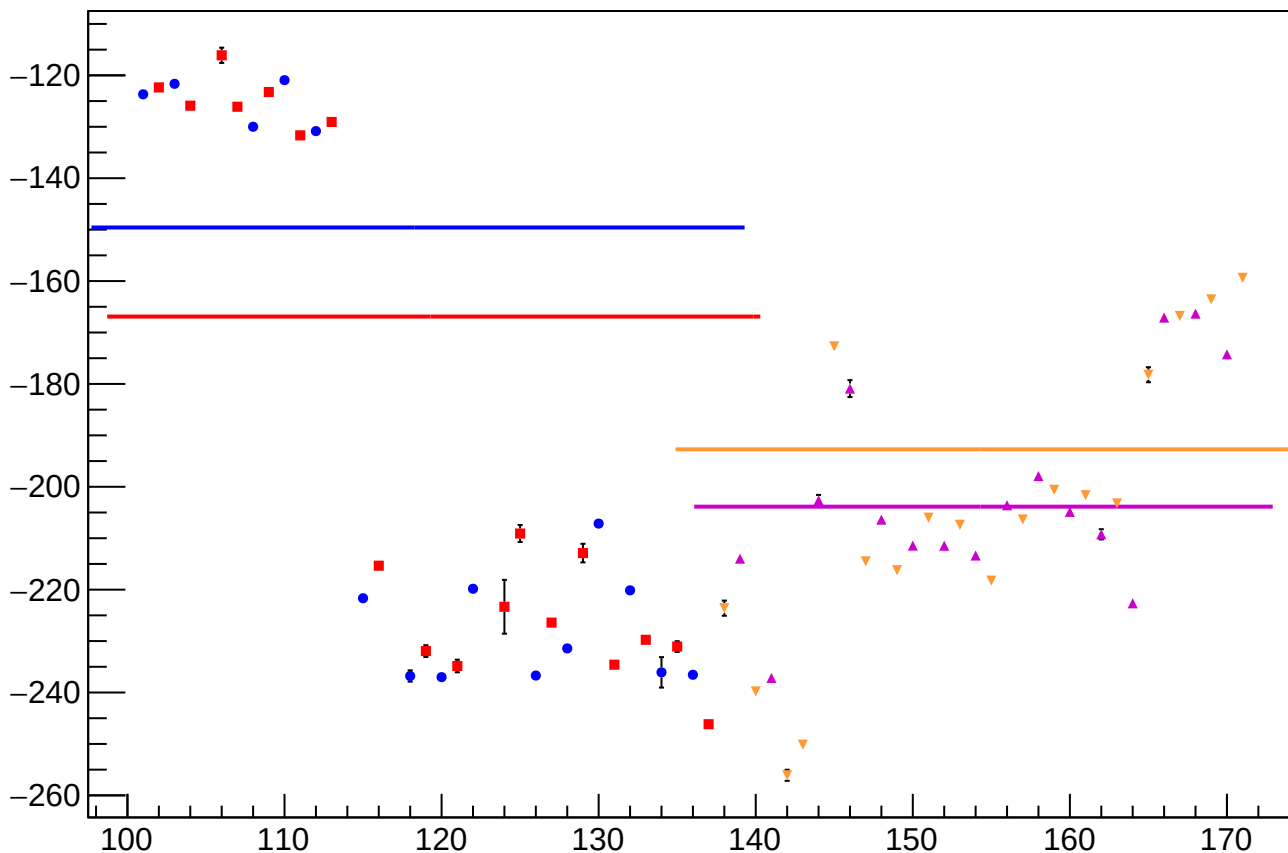
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 19.377 ± 0.105 χ^2/NDF : 16638.9/30

Out: 18.607 ± 0.105 χ^2/NDF : 20038.4/35

All: 18.992 ± 0.074 χ^2/NDF : 36704.3/66

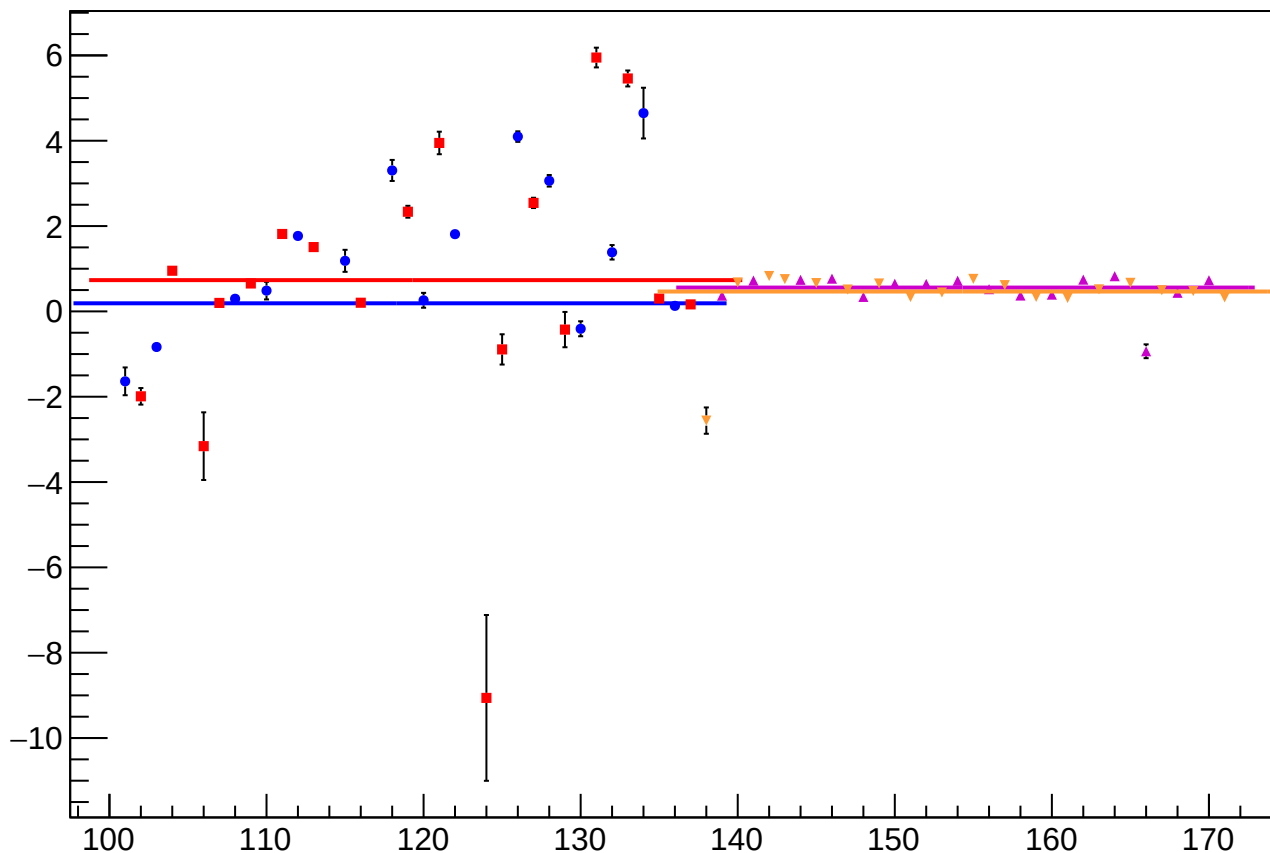
dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14
 Left Out: -192.718+/-0.122 χ^2/NDF : 45360.6/17
 Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17
 Left In: -203.862+/-0.110 χ^2/NDF : 26541.5/15

Left: -198.885+/-0.082 χ^2/NDF : 76489.2/33
 Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32
 In: -174.384+/-0.074 χ^2/NDF : 353958.0/30
 Out: -177.306+/-0.078 χ^2/NDF : 367405.5/35
 All: -175.780+/-0.054 χ^2/NDF : 722101.4/66

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.466 $\pm$ 0.002 χ^2/NDF : 4247.5/17

Right Out: 0.733 $\pm$ 0.020 χ^2/NDF : 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2/NDF : 5284.8/15

Left: 0.515 $\pm$ 0.002 χ^2/NDF : 10342.8/33

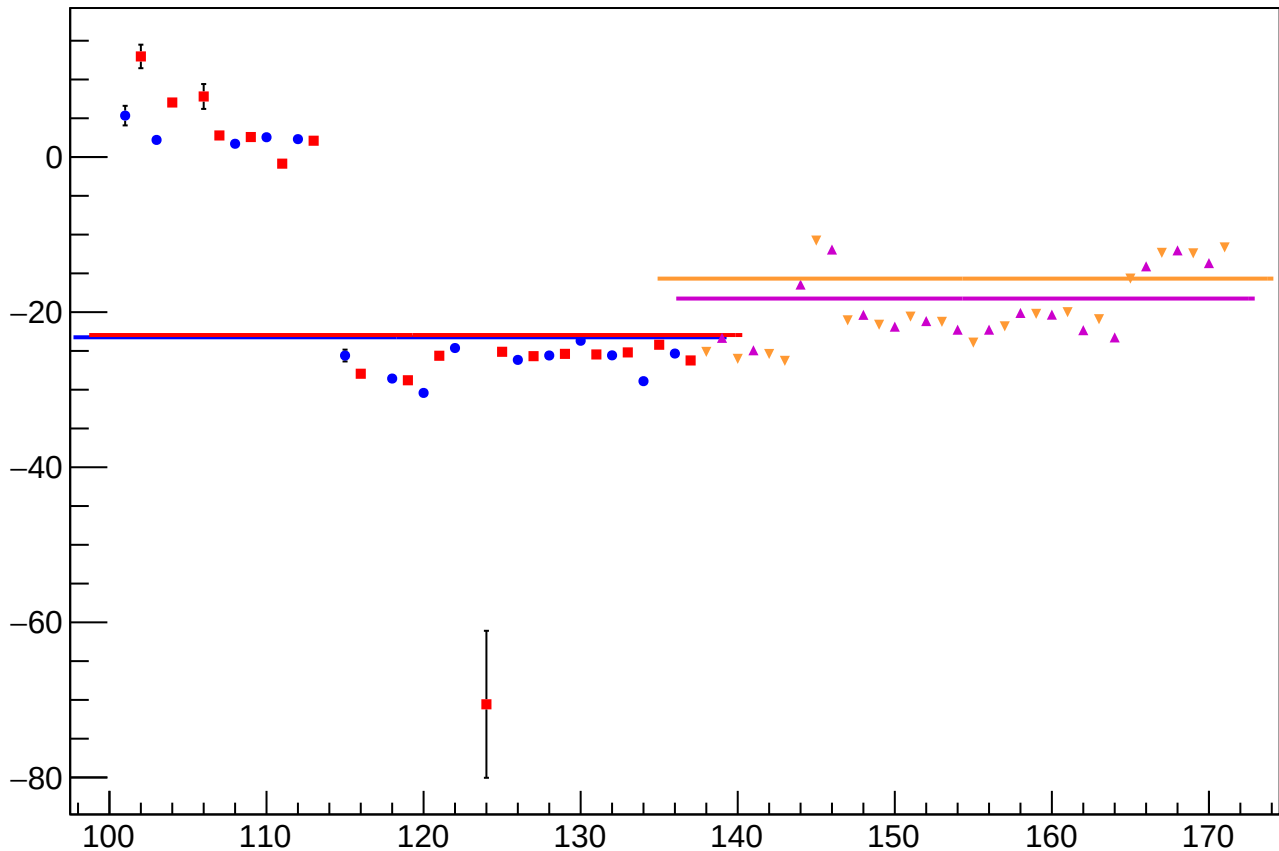
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

In: 0.535 $\pm$ 0.002 χ^2/NDF : 9728.3/30

Out: 0.469 $\pm$ 0.002 χ^2/NDF : 7094.8/35

All: 0.505 $\pm$ 0.002 χ^2/NDF : 17248.5/66

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.676 ± 0.012 $\chi^2/\text{NDF}: 175938.4/17$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -18.247 ± 0.013 $\chi^2/\text{NDF}: 100411.9/15$

Left: -16.888 ± 0.009 $\chi^2/\text{NDF}: 298447.0/33$

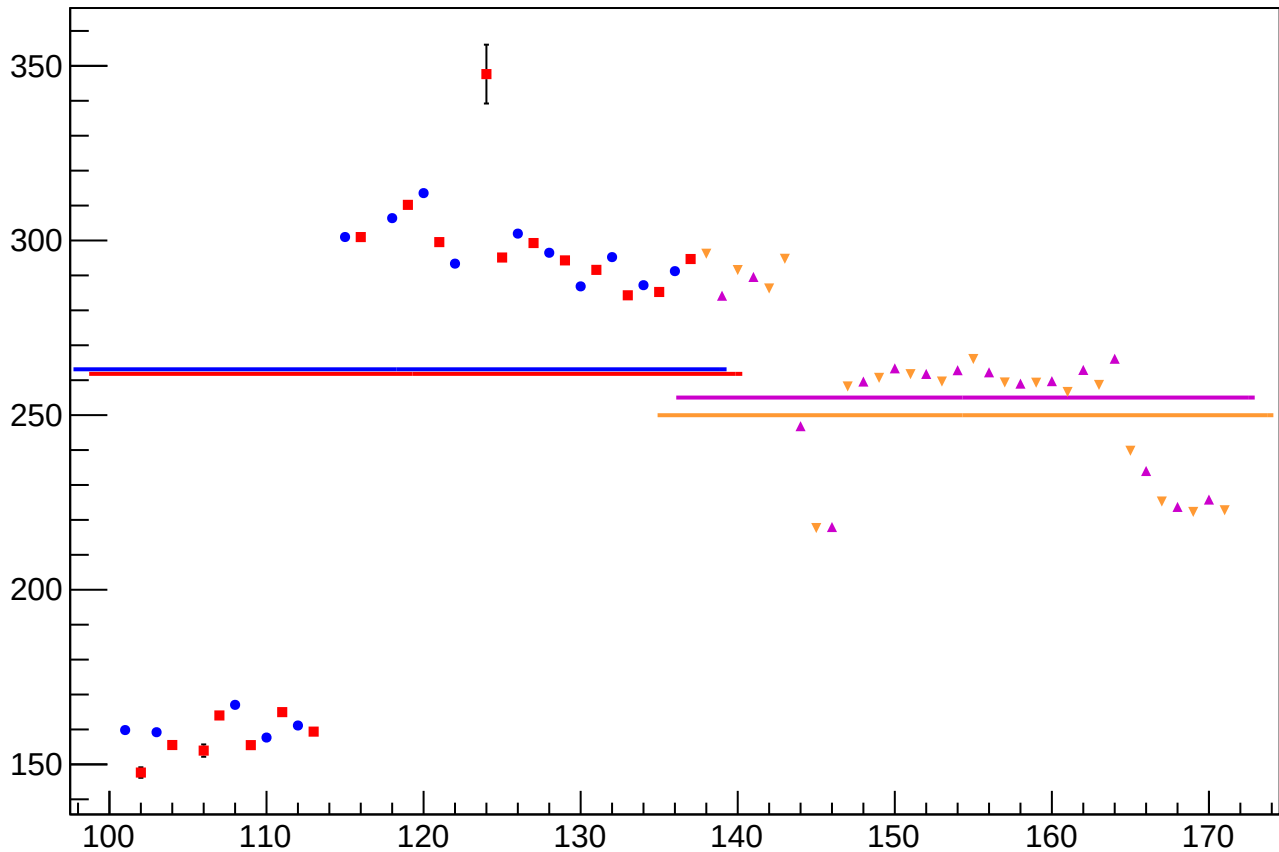
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -19.270 ± 0.011 $\chi^2/\text{NDF}: 235852.9/30$

Out: -17.043 ± 0.011 $\chi^2/\text{NDF}: 354485.0/35$

All: -18.105 ± 0.008 $\chi^2/\text{NDF}: 610989.1/66$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 ± 0.069 χ^2/NDF : 692885.4/14

Left Out: 249.973 ± 0.031 χ^2/NDF : 576155.4/17

Right Out: 261.814 ± 0.060 χ^2/NDF : 1006189.6/17

Left In: 255.028 ± 0.030 χ^2/NDF : 259536.7/15

Left: 252.589 ± 0.022 χ^2/NDF : 849449.2/33

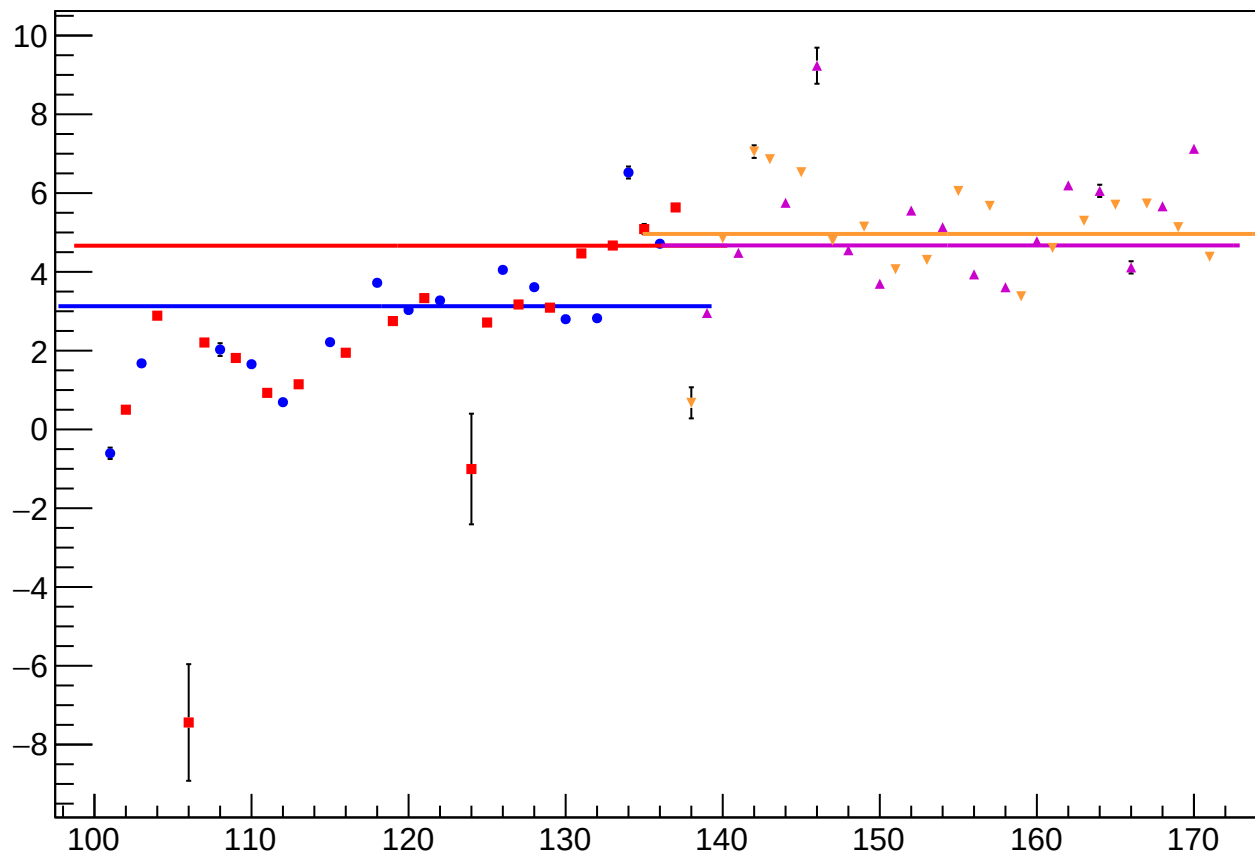
Right: 262.381 ± 0.045 χ^2/NDF : 1699277.6/32

In: 256.308 ± 0.027 χ^2/NDF : 963976.6/30

Out: 252.440 ± 0.028 χ^2/NDF : 1612732.6/35

All: 254.382 ± 0.019 χ^2/NDF : 2586578.1/66

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.963 ± 0.015 χ^2/NDF : 2400.9/17

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 4.671 ± 0.014 χ^2/NDF : 8412.5/15

Left: 4.807 ± 0.010 χ^2/NDF : 11010.7/33

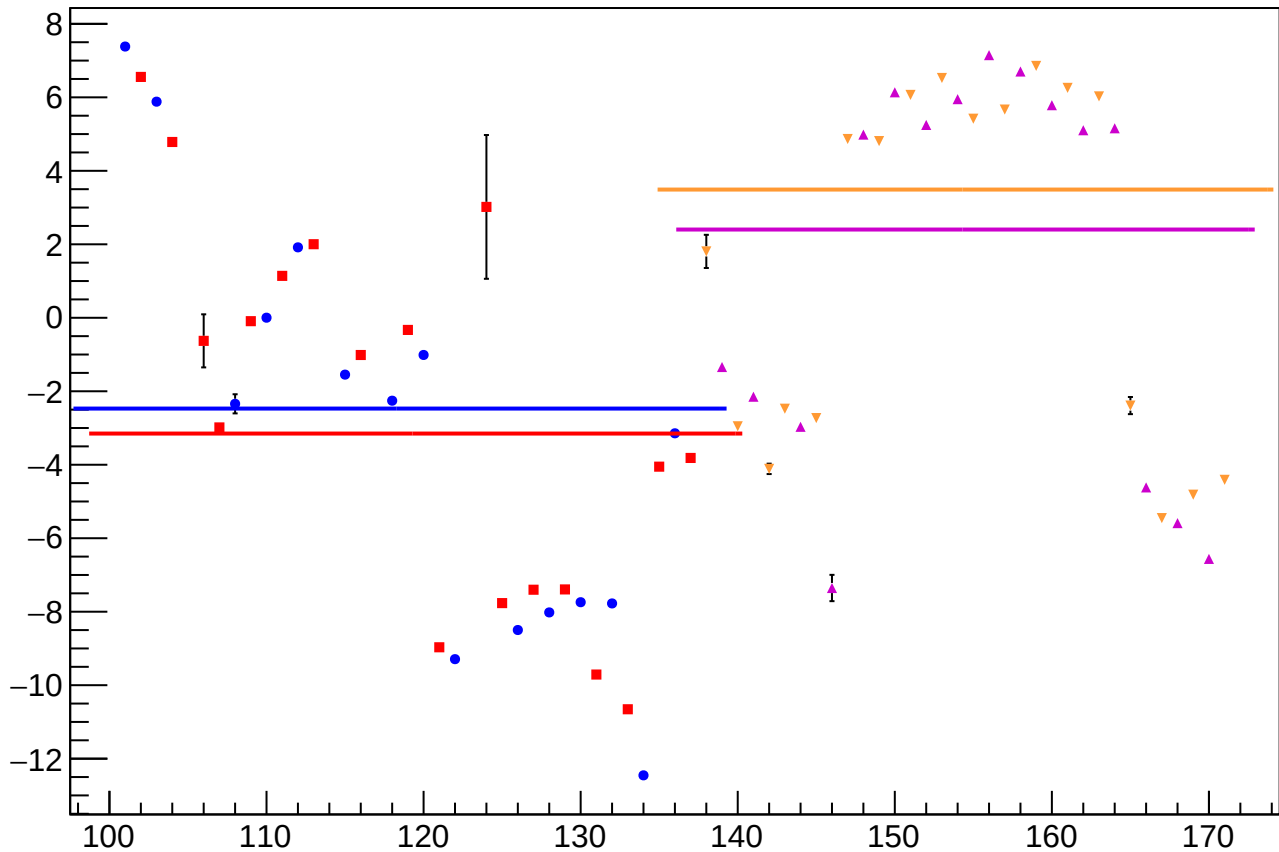
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 3.982 ± 0.011 χ^2/NDF : 19382.6/30

Out: 4.709 ± 0.006 χ^2/NDF : 69592.3/35

All: 4.537 ± 0.005 χ^2/NDF : 92613.4/66

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 3.490 ± 0.013 χ^2/NDF : 100763.9/17

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 2.402 ± 0.012 χ^2/NDF : 167603.1/15

Left: 2.927 ± 0.009 χ^2/NDF : 272204.4/33

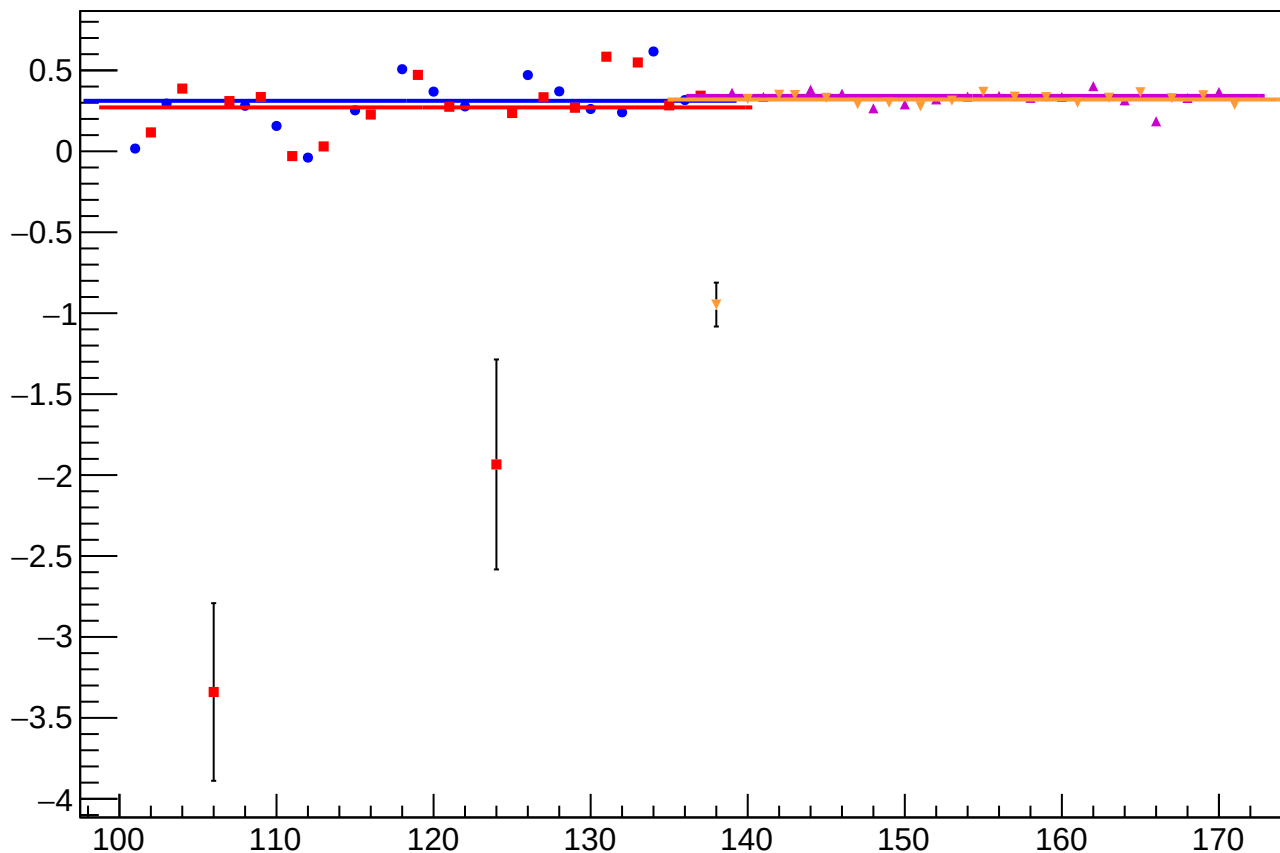
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: 0.317 ± 0.009 χ^2/NDF : 478475.2/30

Out: -1.444 ± 0.006 χ^2/NDF : 553343.6/35

All: -0.871 ± 0.005 χ^2/NDF : 1056410.9/66

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF:1741.1/17

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.342 $\pm$ 0.001 χ^2 /NDF:3181.2/15

Left: 0.332 $\pm$ 0.000 χ^2 /NDF: 5601.2/33

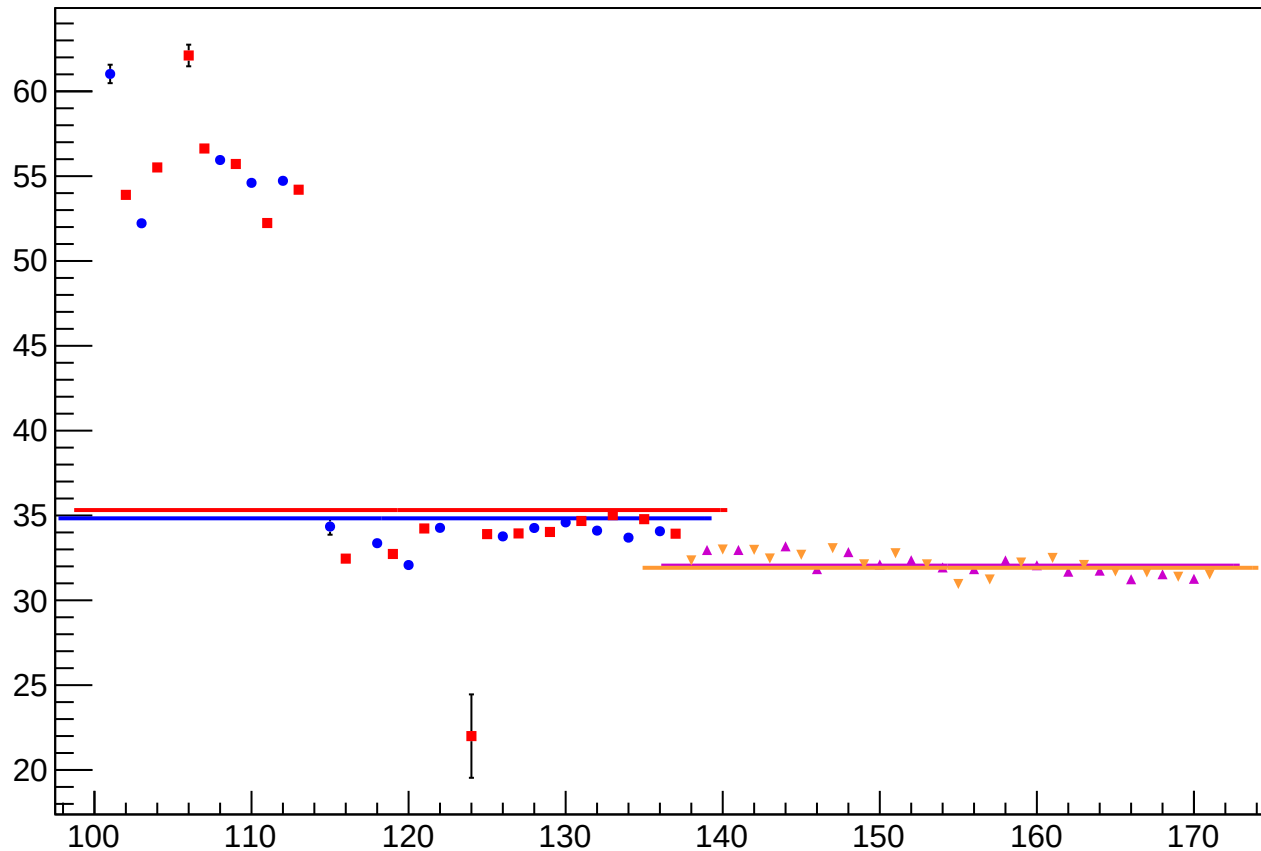
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.337 $\pm$ 0.001 χ^2 /NDF:4963.0/30

Out: 0.316 $\pm$ 0.001 χ^2 /NDF:8376.7/35

All: 0.328 $\pm$ 0.000 χ^2 /NDF: 14015.7/66

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.917 $\pm$ 0.003 χ^2 /NDF: 20071.3/17

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.045 $\pm$ 0.004 χ^2 /NDF: 11658.1/15

Left: 31.971 $\pm$ 0.003 χ^2 /NDF: 32335.4/33

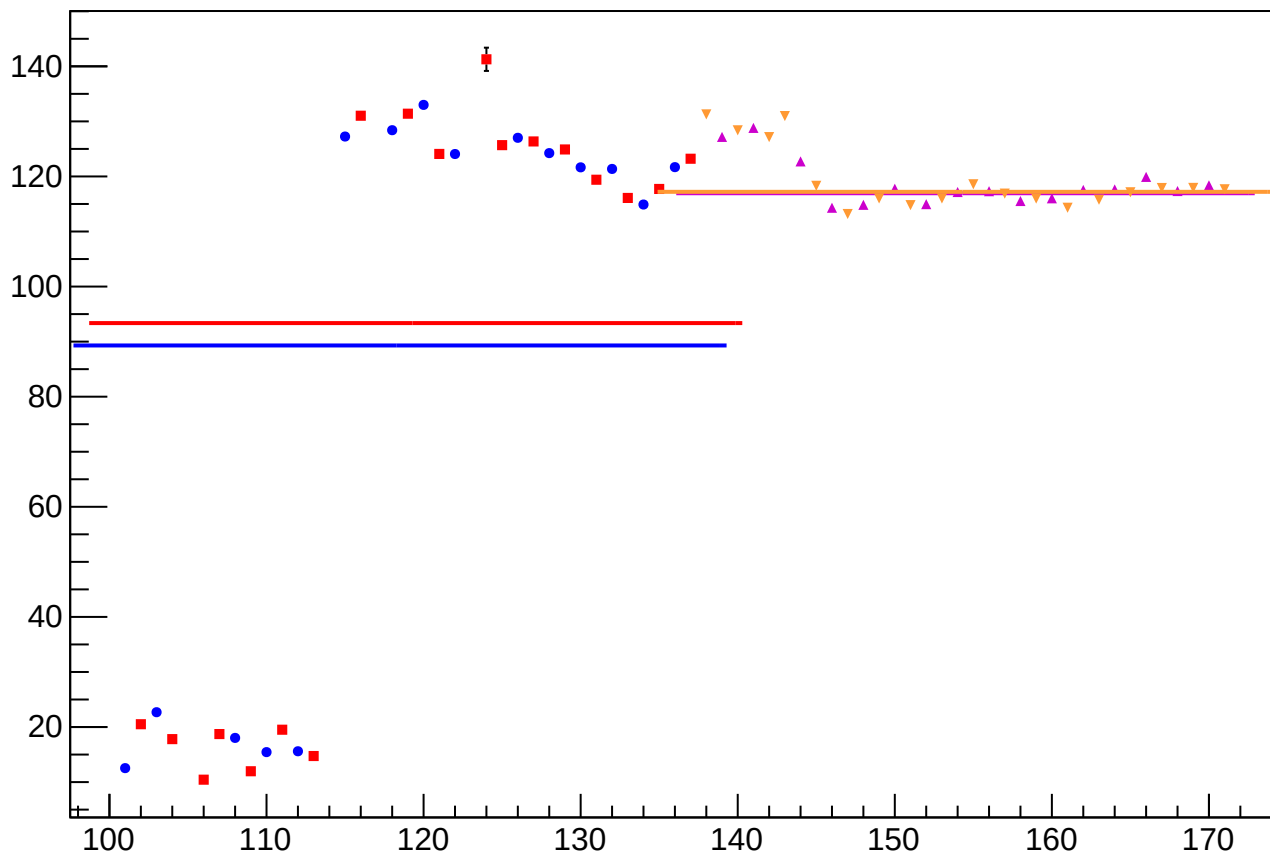
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.529 $\pm$ 0.004 χ^2 /NDF: 343578.3/30

Out: 32.268 $\pm$ 0.003 χ^2 /NDF: 386366.9/35

All: 32.383 $\pm$ 0.002 χ^2 /NDF: 732898.5/66

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.207 $\pm$ 0.008 χ^2 /NDF:123218.5/17

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.951 $\pm$ 0.009 χ^2 /NDF:43895.3/15

Left: 117.093 $\pm$ 0.006 χ^2 /NDF: 167545.3/33

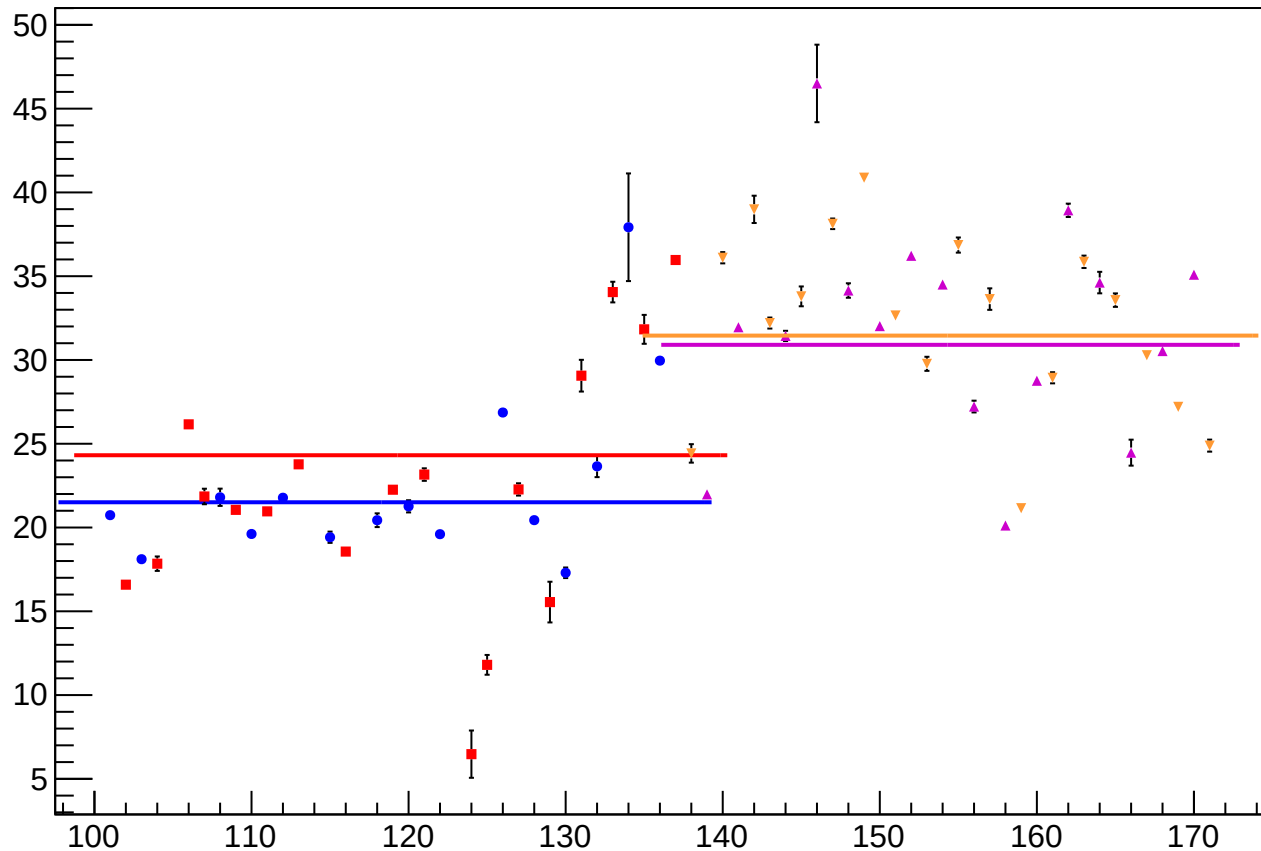
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.160 $\pm$ 0.009 χ^2 /NDF:3991313.2/30

Out: 115.532 $\pm$ 0.008 χ^2 /NDF:3565126.5/35

All: 114.910 $\pm$ 0.006 χ^2 /NDF: 7569987.7/66

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.455 ± 0.080 $\chi^2/\text{NDF}: 4475.2/17$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.903 ± 0.068 $\chi^2/\text{NDF}: 5463.3/15$

Left: 31.136 ± 0.052 $\chi^2/\text{NDF}: 9965.9/33$

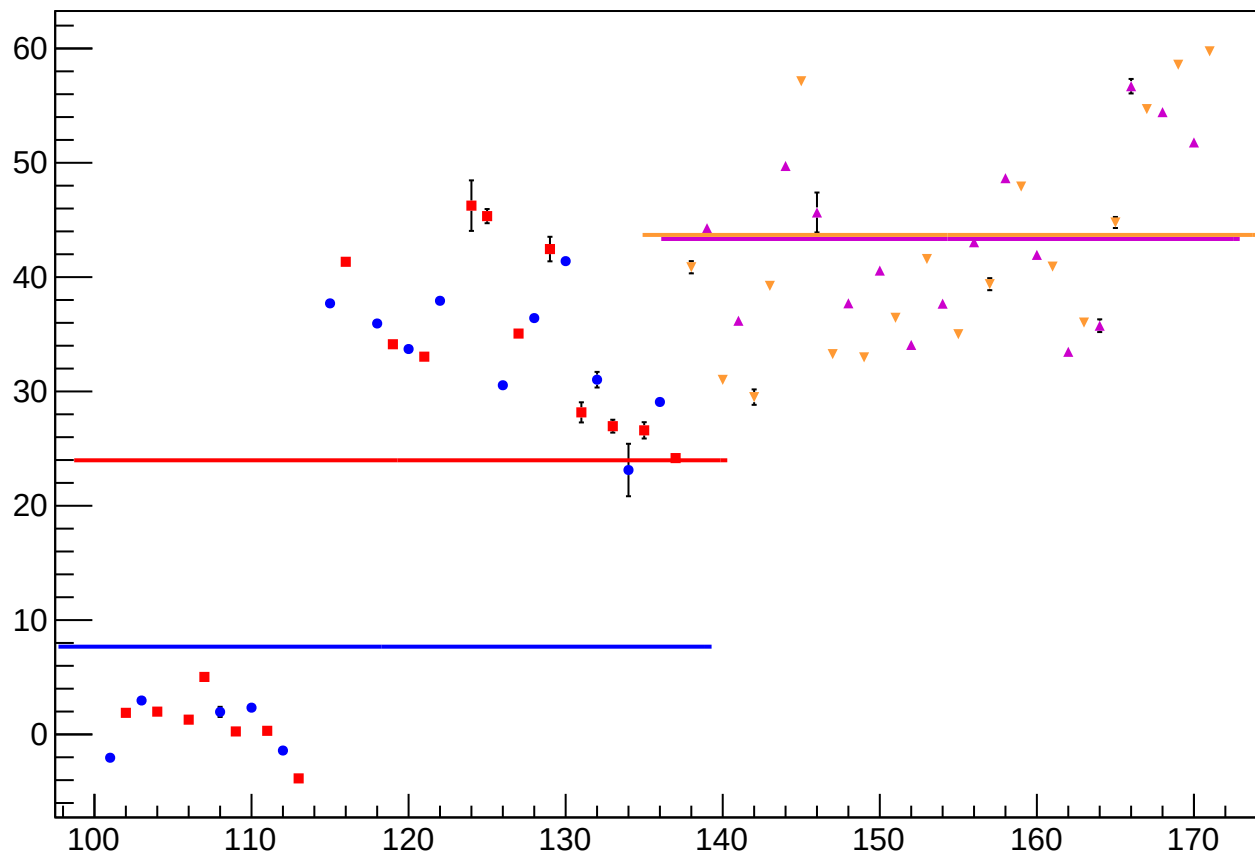
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.479 ± 0.050 $\chi^2/\text{NDF}: 17358.0/30$

Out: 26.800 ± 0.047 $\chi^2/\text{NDF}: 23963.7/35$

All: 26.648 ± 0.034 $\chi^2/\text{NDF}: 41343.7/66$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 43.691 ± 0.067 $\chi^2/\text{NDF}: 20763.9/17$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 43.336 ± 0.057 $\chi^2/\text{NDF}: 12516.0/15$

Left: 43.486 ± 0.043 $\chi^2/\text{NDF}: 33296.4/33$

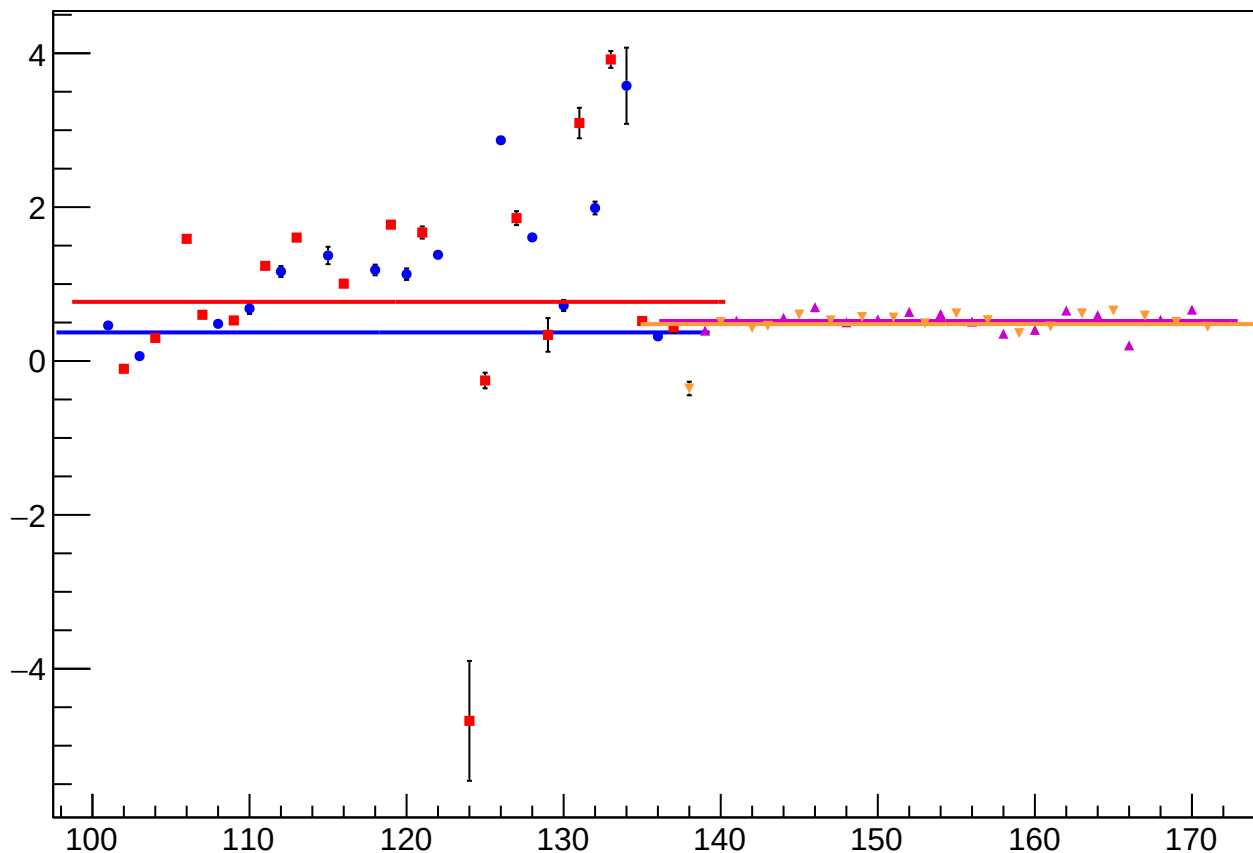
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 21.453 ± 0.035 $\chi^2/\text{NDF}: 349081.5/30$

Out: 24.271 ± 0.008 $\chi^2/\text{NDF}: 217814.4/35$

All: 24.130 ± 0.008 $\chi^2/\text{NDF}: 572903.5/66$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.480 ± 0.001 $\chi^2/\text{NDF}: 6556.8/17$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.520 ± 0.001 $\chi^2/\text{NDF}: 10506.9/15$

Left: 0.501 ± 0.001 $\chi^2/\text{NDF}: 17717.3/33$

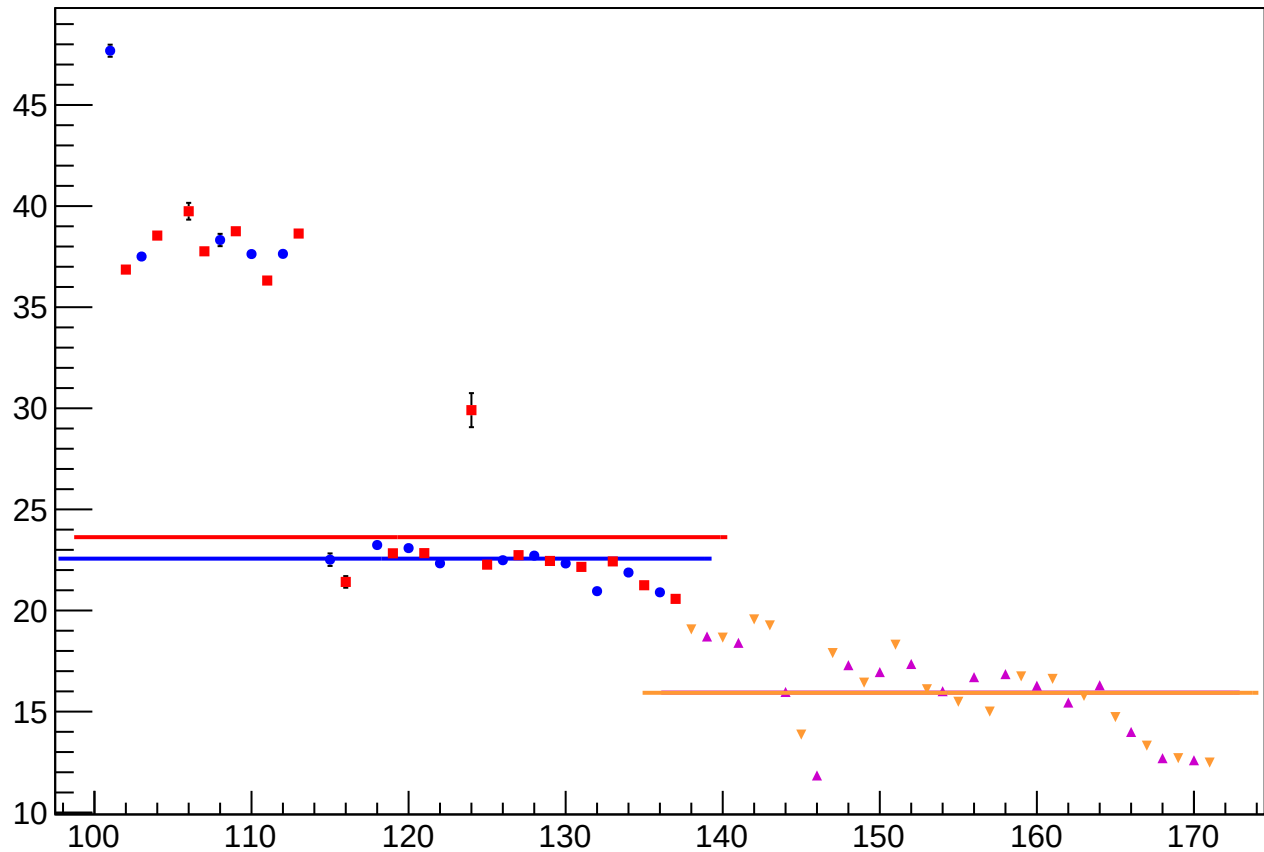
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.512 ± 0.001 $\chi^2/\text{NDF}: 16349.0/30$

Out: 0.488 ± 0.001 $\chi^2/\text{NDF}: 12381.4/35$

All: 0.501 ± 0.001 $\chi^2/\text{NDF}: 28975.8/66$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 15.930 ± 0.006 $\chi^2/\text{NDF}: 147315.2/17$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 15.941 ± 0.007 $\chi^2/\text{NDF}: 71494.9/15$

Left: 15.935 ± 0.005 $\chi^2/\text{NDF}: 218811.4/33$

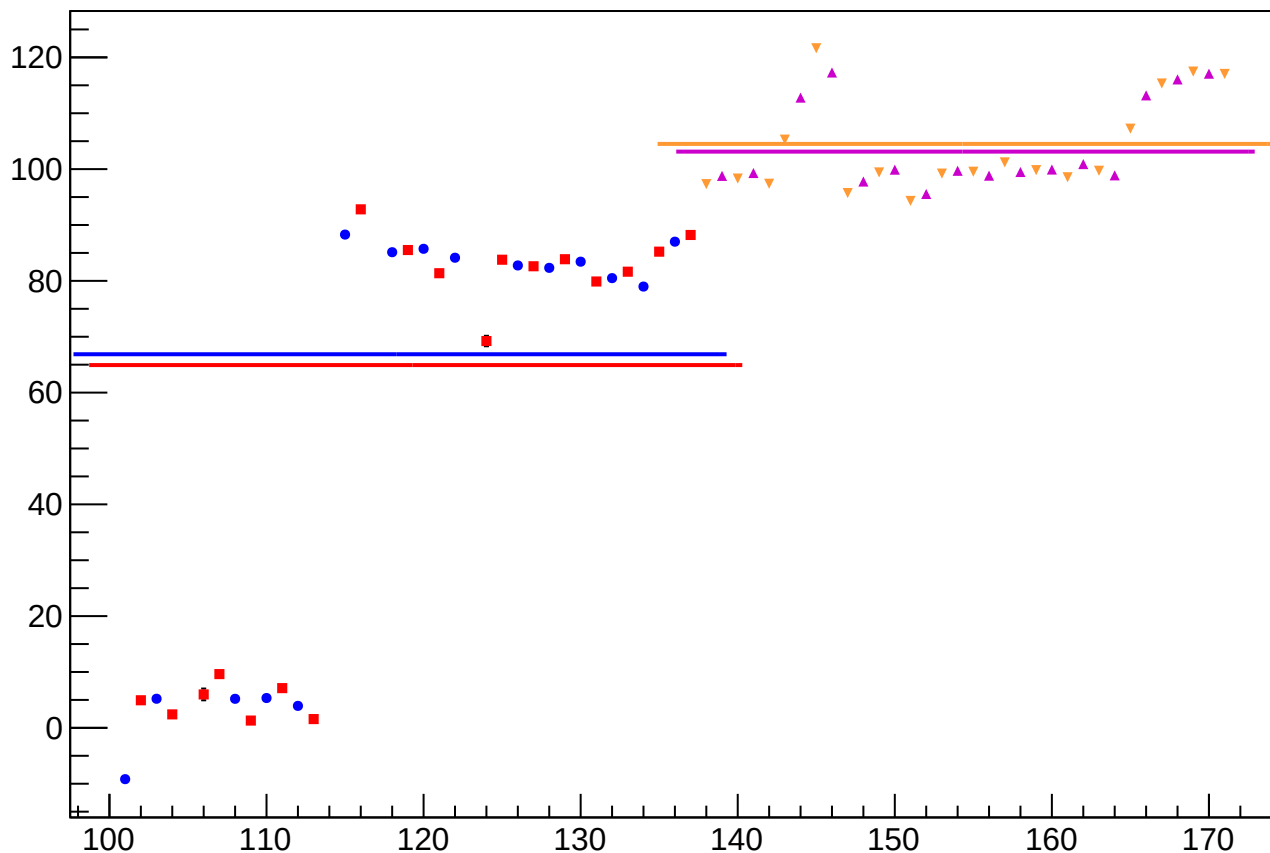
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 18.055 ± 0.006 $\chi^2/\text{NDF}: 452983.4/30$

Out: 17.681 ± 0.005 $\chi^2/\text{NDF}: 633952.4/35$

All: 17.855 ± 0.004 $\chi^2/\text{NDF}: 1089210.0/66$

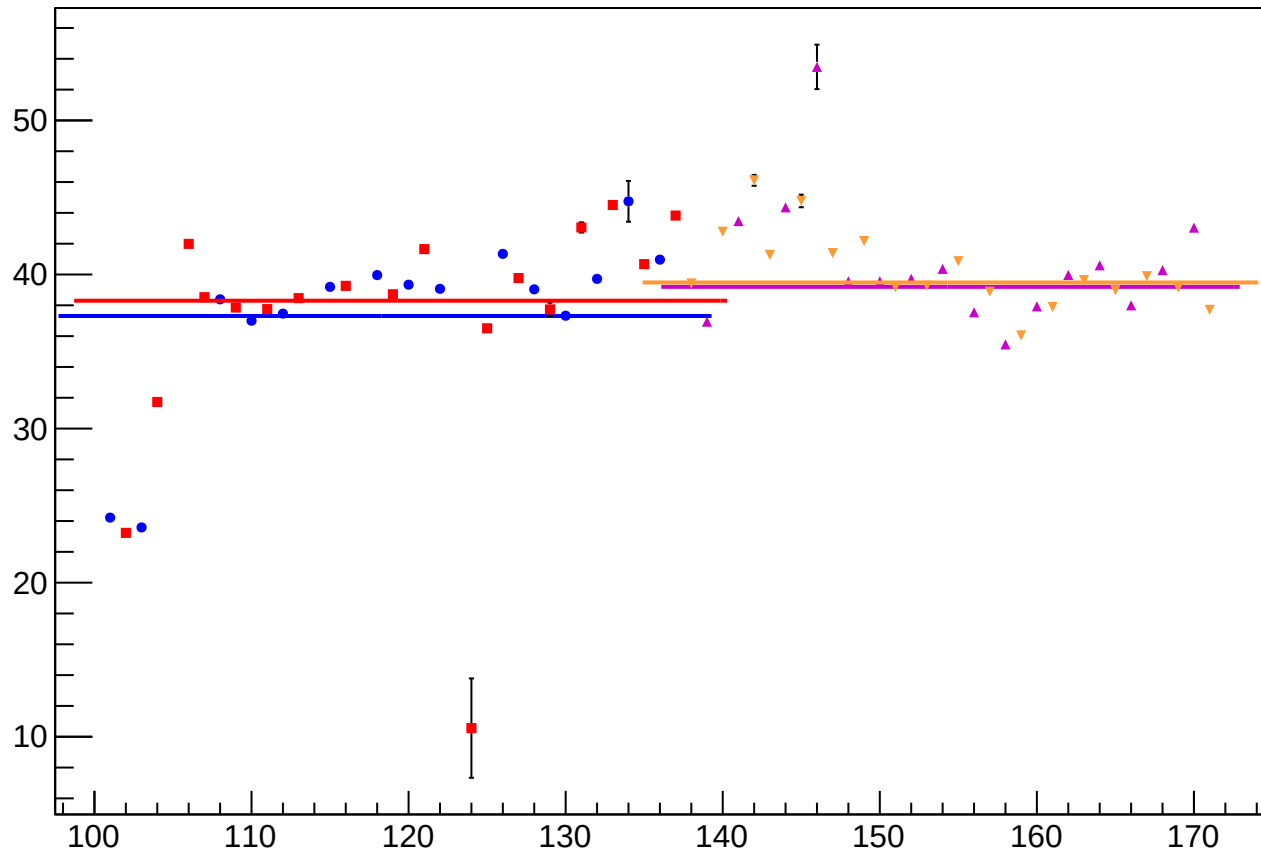
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14
 Left Out: 104.512+/-0.011 χ^2/NDF : 549420.3/17
 Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17
 Left In: 103.131+/-0.012 χ^2/NDF : 394383.3/15

Left: 103.836+/-0.008 χ^2/NDF : 951007.3/33
 Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32
 In: 97.488+/-0.011 χ^2/NDF : 3405154.5/30
 Out: 99.452+/-0.011 χ^2/NDF : 3430262.9/35
 All: 98.474+/-0.008 χ^2/NDF : 6852407.4/66

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.484 ± 0.032 $\chi^2/\text{NDF}: 4024.2/17$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.199 ± 0.026 $\chi^2/\text{NDF}: 7164.7/15$

Left: 39.312 ± 0.020 $\chi^2/\text{NDF}: 11235.2/33$

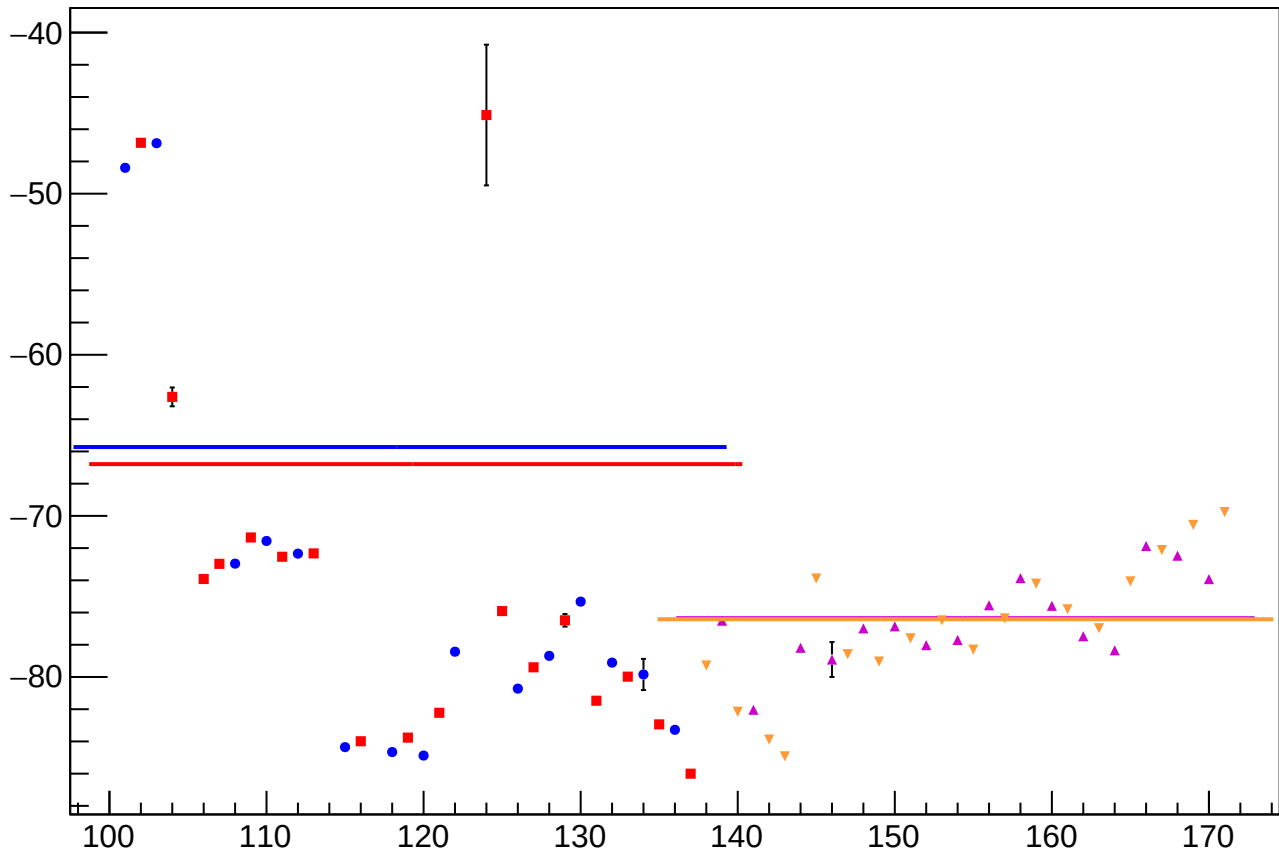
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.129 ± 0.017 $\chi^2/\text{NDF}: 69661.0/30$

Out: 38.638 ± 0.017 $\chi^2/\text{NDF}: 23815.3/35$

All: 38.384 ± 0.012 $\chi^2/\text{NDF}: 93906.0/66$

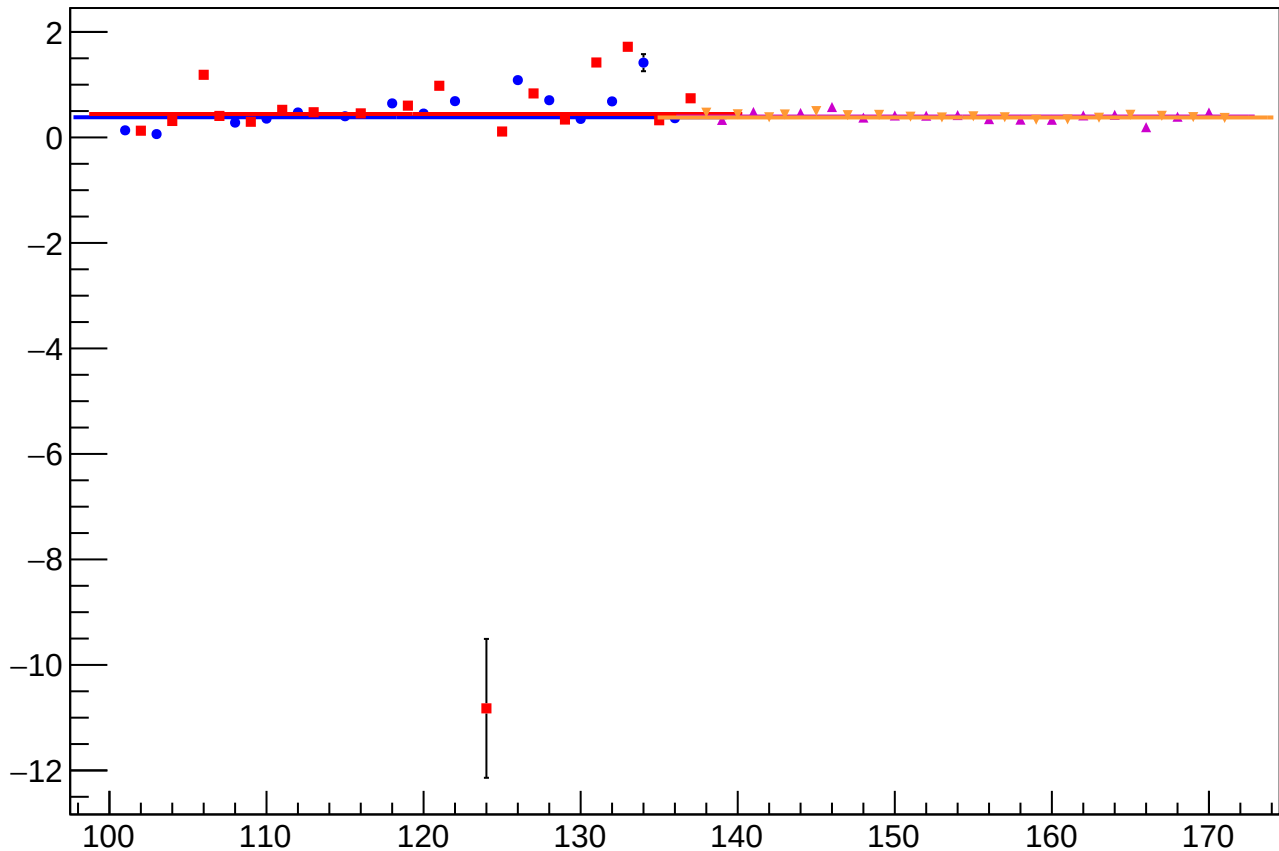
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$
 Left Out: -76.414 ± 0.027 $\chi^2/\text{NDF}: 21593.2/17$
 Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$
 Left In: -76.349 ± 0.021 $\chi^2/\text{NDF}: 8459.4/15$

Left: -76.374 ± 0.017 $\chi^2/\text{NDF}: 30056.3/33$
 Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$
 In: -69.843 ± 0.013 $\chi^2/\text{NDF}: 1065487.8/30$
 Out: -69.274 ± 0.014 $\chi^2/\text{NDF}: 926743.0/35$
 All: -69.568 ± 0.009 $\chi^2/\text{NDF}: 1993131.6/66$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.378 $\pm$ 0.001 χ^2 /NDF: 5865.4/17

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 7328.2/15

Left: 0.387 $\pm$ 0.000 χ^2 /NDF: 13779.8/33

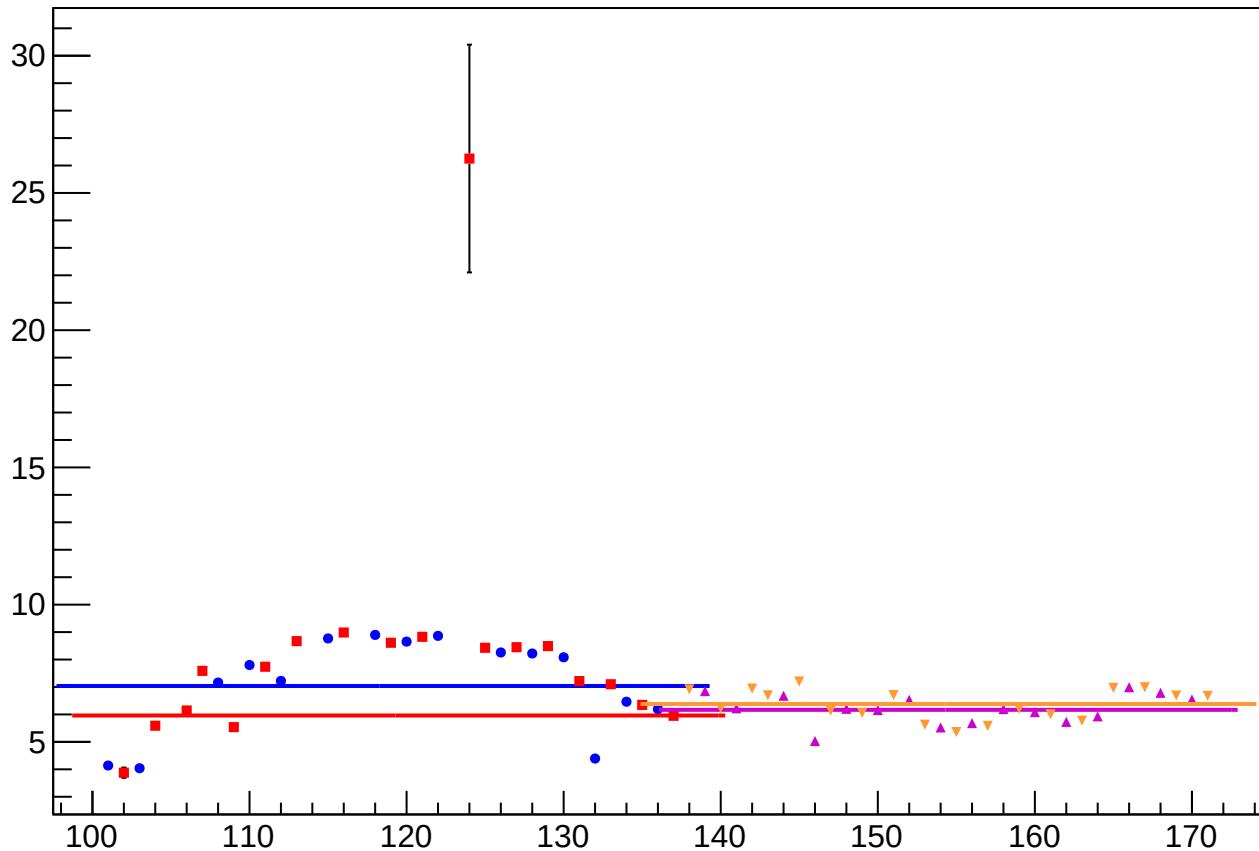
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.000 χ^2 /NDF: 15548.1/30

Out: 0.380 $\pm$ 0.001 χ^2 /NDF: 8967.0/35

All: 0.387 $\pm$ 0.000 χ^2 /NDF: 24986.6/66

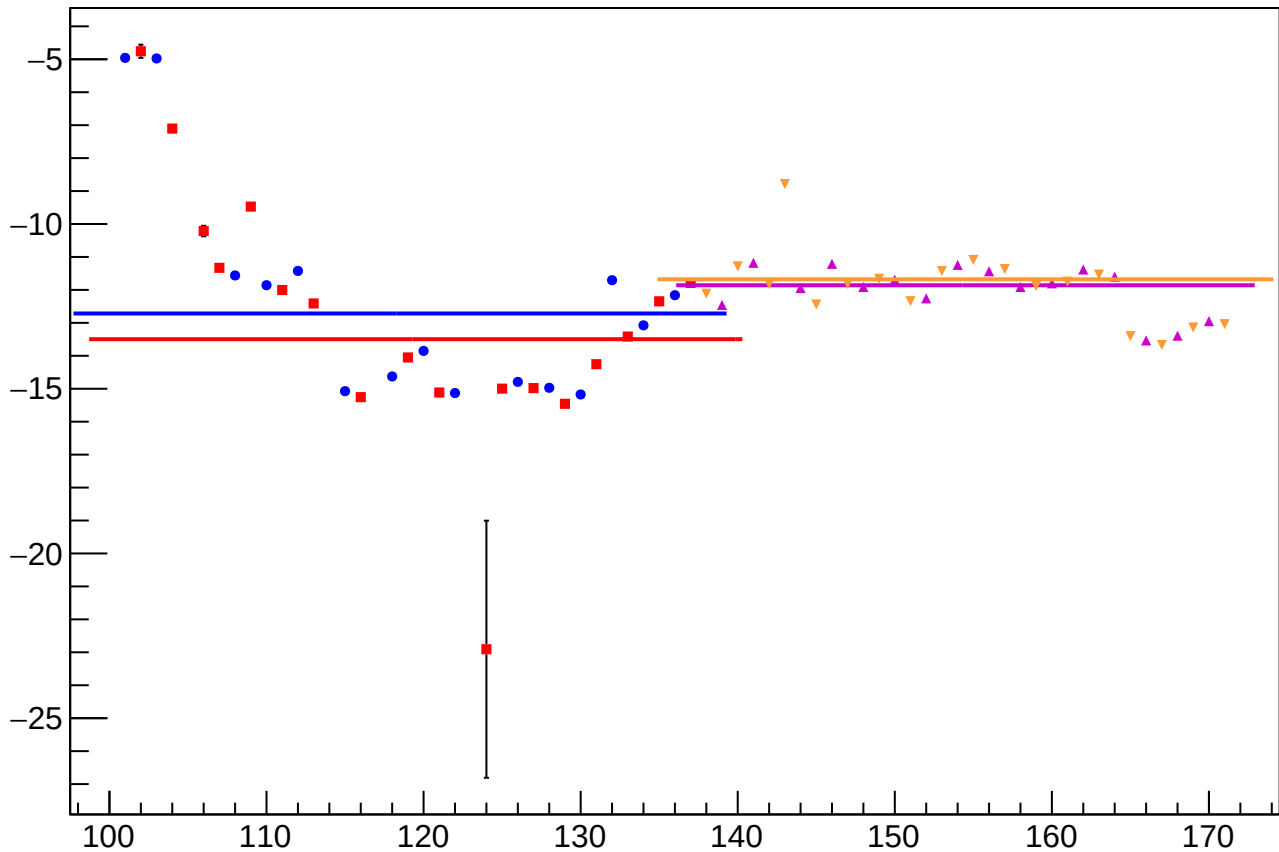
dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$
Left Out: 6.380 ± 0.002 $\chi^2/\text{NDF}: 60854.3/17$
Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$
Left In: 6.168 ± 0.002 $\chi^2/\text{NDF}: 44785.4/15$

Left: 6.270 ± 0.001 $\chi^2/\text{NDF}: 114174.0/33$
Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$
In: 6.264 ± 0.002 $\chi^2/\text{NDF}: 147504.5/30$
Out: 5.986 ± 0.000 $\chi^2/\text{NDF}: 289364.6/35$
All: 6.004 ± 0.000 $\chi^2/\text{NDF}: 468816.0/66$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715±/-0.006 χ^2/NDF : 85219.4/14

Left Out: -11.679±/-0.002 χ^2/NDF :333120.2/17

Right Out: -13.496±/-0.006 χ^2/NDF : 55753.8/17

Left In: -11.859±/-0.002 χ^2/NDF :53589.7/15

Left: -11.770±/-0.002 χ^2/NDF : 389930.1/33

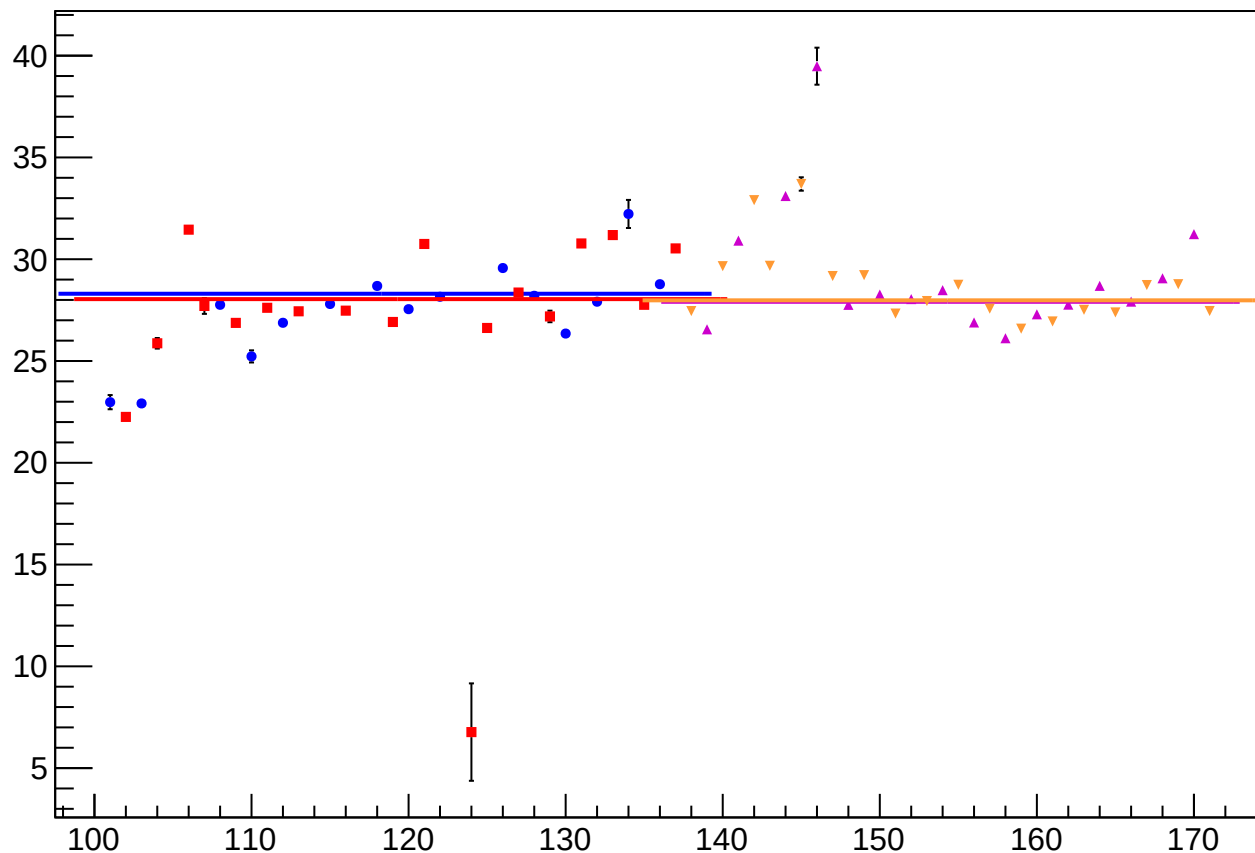
Right: -13.142±/-0.004 χ^2/NDF : 149153.5/32

In: -11.952±/-0.002 χ^2/NDF :154883.8/30

Out: -11.916±/-0.002 χ^2/NDF :473897.7/35

All: -11.934±/-0.001 χ^2/NDF : 628931.6/66

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 27.980 $\pm$ 0.020 χ^2 /NDF:3767.3/17

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.908 $\pm$ 0.016 χ^2 /NDF:6829.9/15

Left: 27.938 $\pm$ 0.012 χ^2 /NDF: 10605.3/33

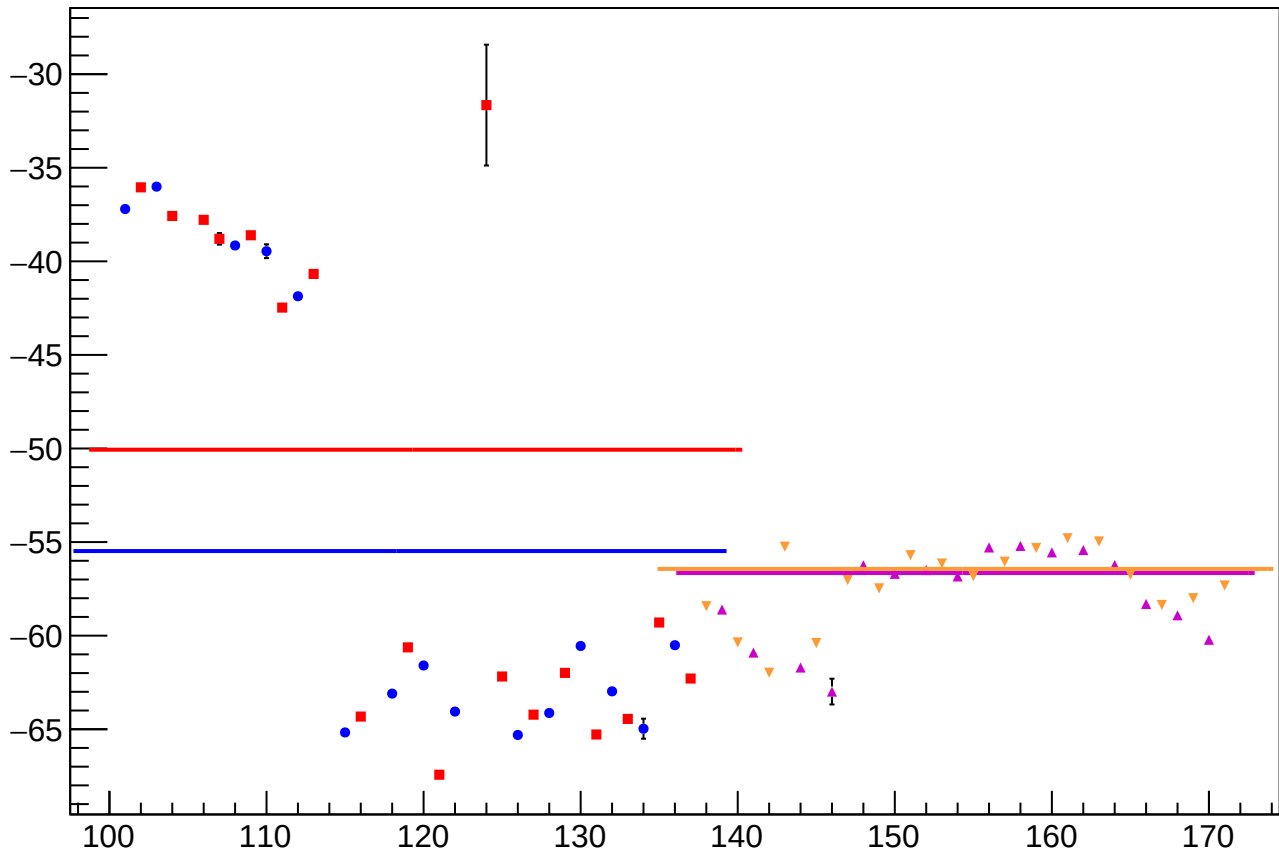
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.039 $\pm$ 0.013 χ^2 /NDF:10427.1/30

Out: 27.998 $\pm$ 0.016 χ^2 /NDF:6331.4/35

All: 28.023 $\pm$ 0.010 χ^2 /NDF: 16762.3/66

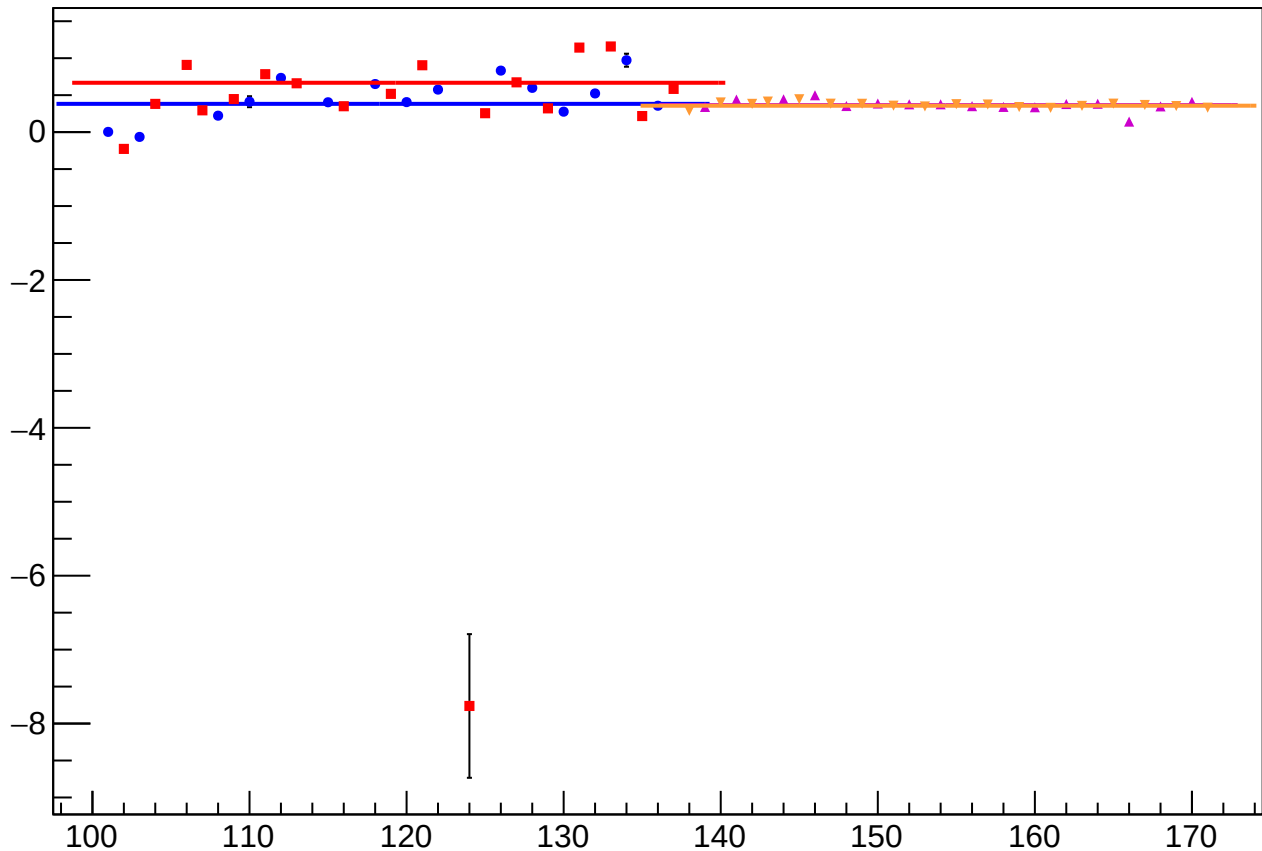
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.433 ± 0.016 $\chi^2/\text{NDF}: 8489.6/17$
 Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$
 Left In: -56.654 ± 0.014 $\chi^2/\text{NDF}: 12180.6/15$

Left: -56.564 ± 0.011 $\chi^2/\text{NDF}: 20776.4/33$
 Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$
 In: -56.179 ± 0.011 $\chi^2/\text{NDF}: 610310.1/30$
 Out: -54.295 ± 0.013 $\chi^2/\text{NDF}: 398960.2/35$
 All: -55.459 ± 0.008 $\chi^2/\text{NDF}: 1021473.8/66$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.357 ± 0.000 χ^2/NDF : 4624.0/17

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.365 ± 0.000 χ^2/NDF : 5637.4/15

Left: 0.361 ± 0.000 χ^2/NDF : 10494.5/33

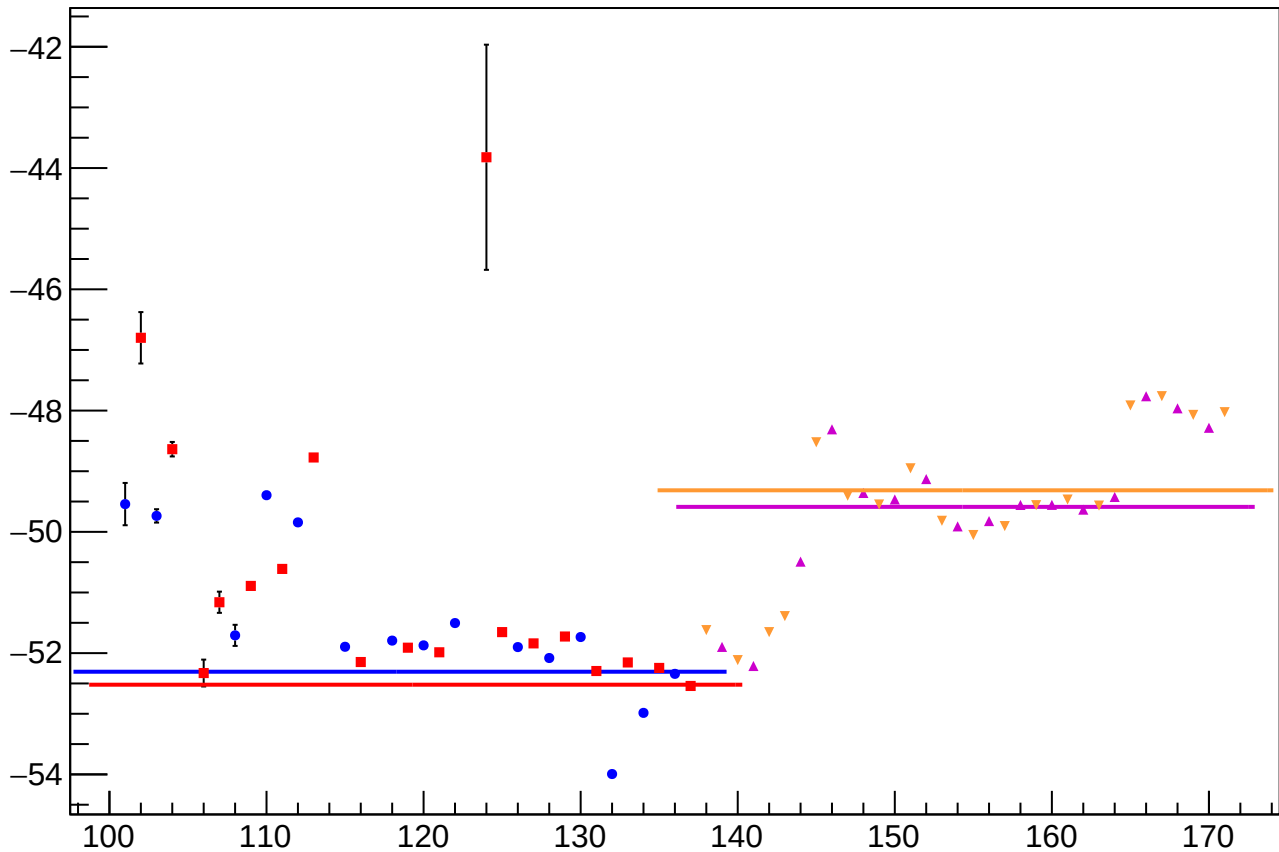
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.366 ± 0.000 χ^2/NDF : 10341.2/30

Out: 0.359 ± 0.000 χ^2/NDF : 12834.4/35

All: 0.363 ± 0.000 χ^2/NDF : 23351.3/66

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.315 $\pm$ 0.001 χ^2 /NDF: 499872.6/17

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.588 $\pm$ 0.001 χ^2 /NDF: 387125.1/15

Left: -49.448 $\pm$ 0.001 χ^2 /NDF: 904323.5/33

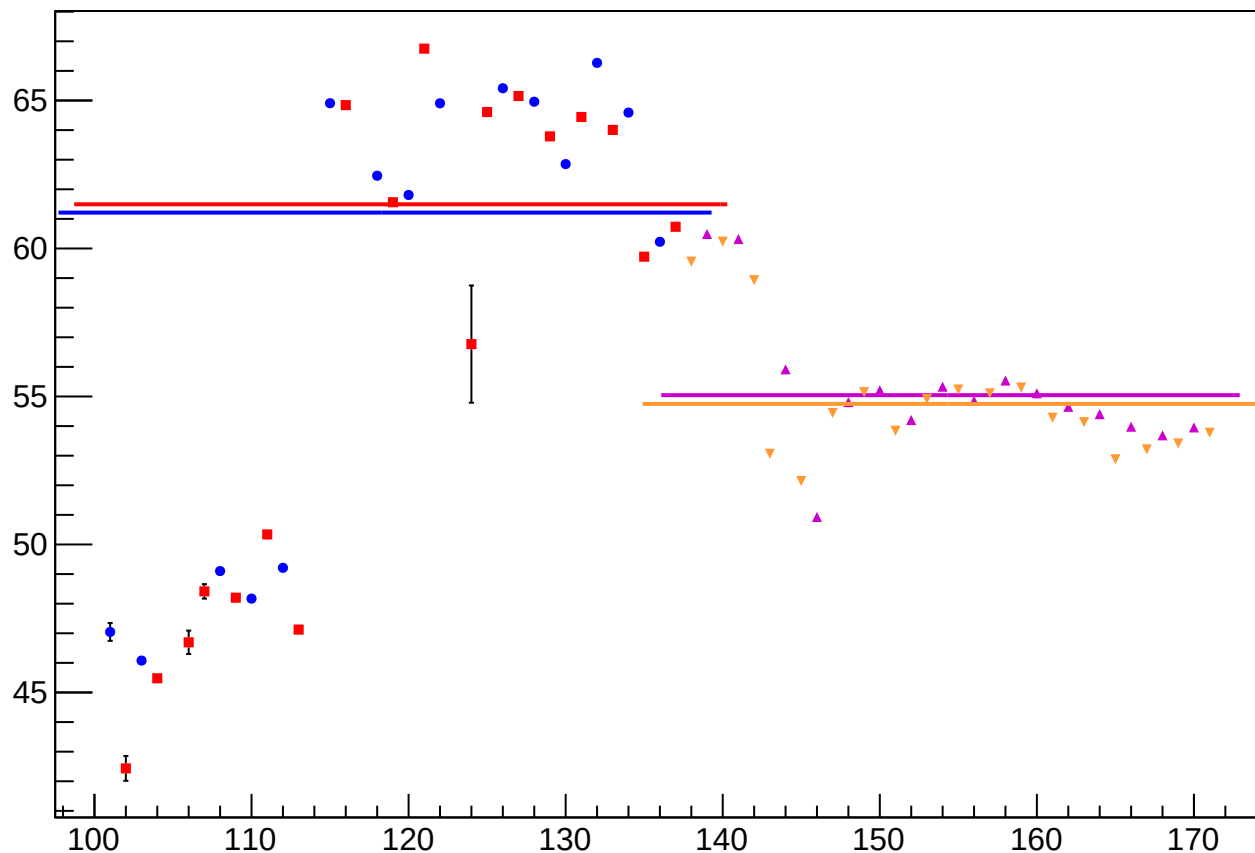
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.934 $\pm$ 0.001 χ^2 /NDF: 840823.0/30

Out: -51.347 $\pm$ 0.001 χ^2 /NDF: 3607263.0/35

All: -50.942 $\pm$ 0.001 χ^2 /NDF: 5189608.4/66

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.750 $\pm$ 0.003 χ^2/NDF : 247913.3/17

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2/NDF : 77739.7/15

Left: 54.912 $\pm$ 0.002 χ^2/NDF : 330265.4/33

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.537 $\pm$ 0.003 χ^2/NDF : 589578.1/30

Out: 56.015 $\pm$ 0.003 χ^2/NDF : 1310123.3/35

All: 55.767 $\pm$ 0.002 χ^2/NDF : 1913705.9/66

dit_4aX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

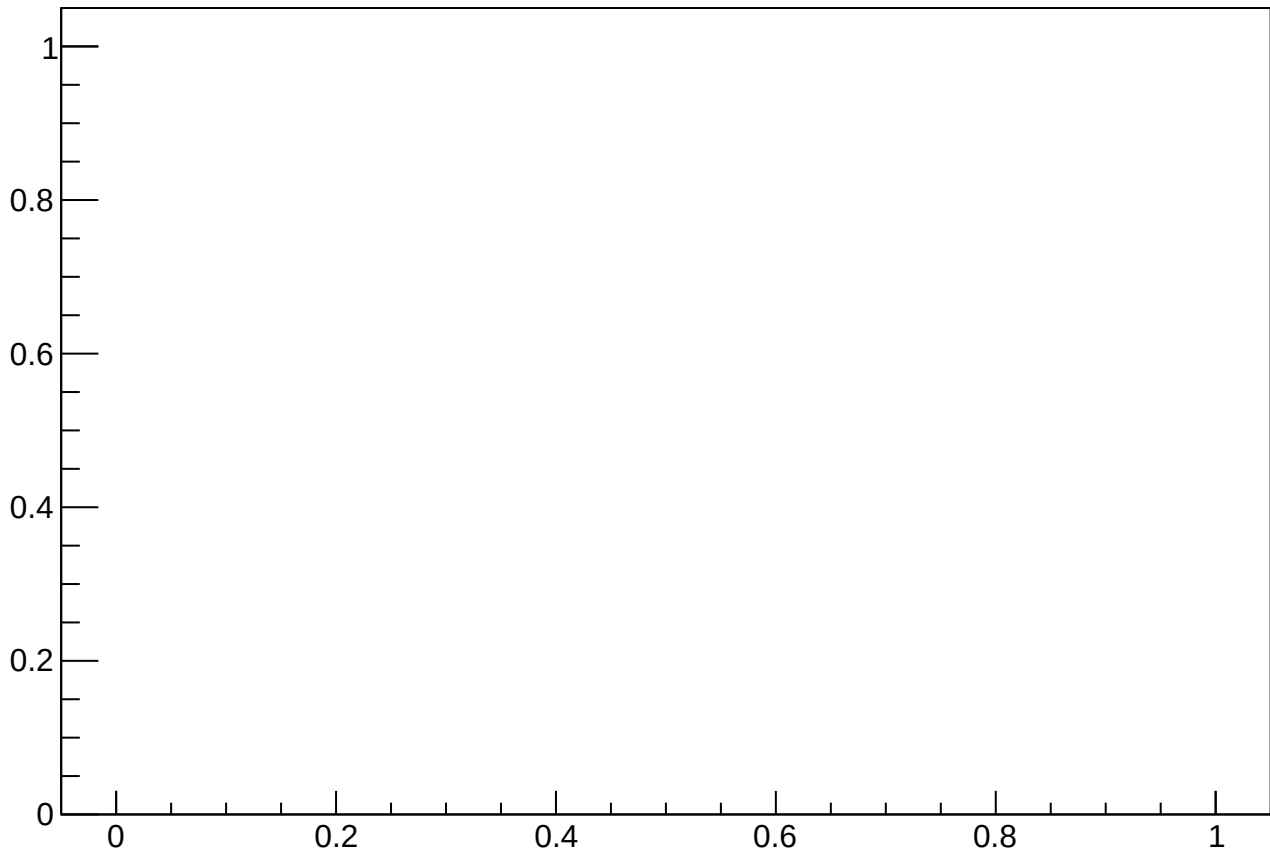
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

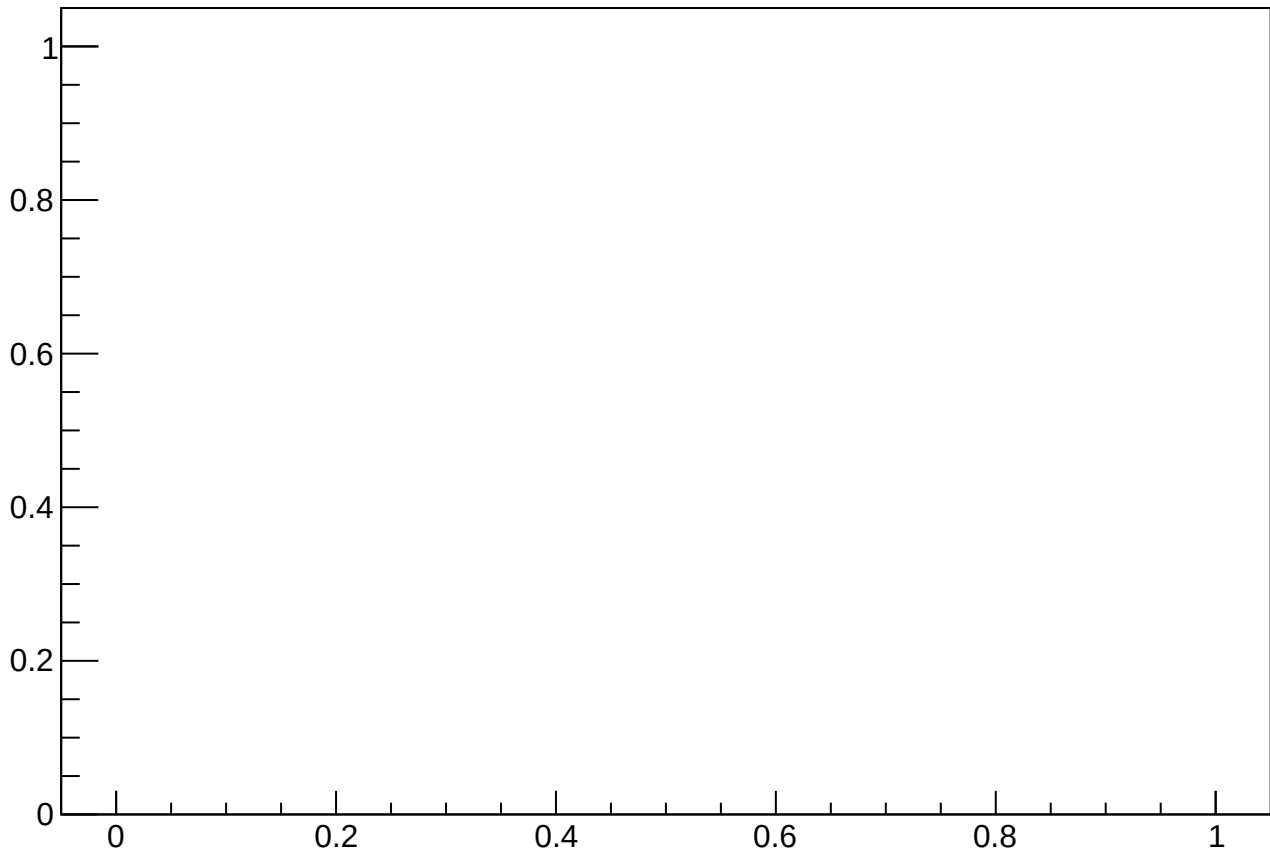
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

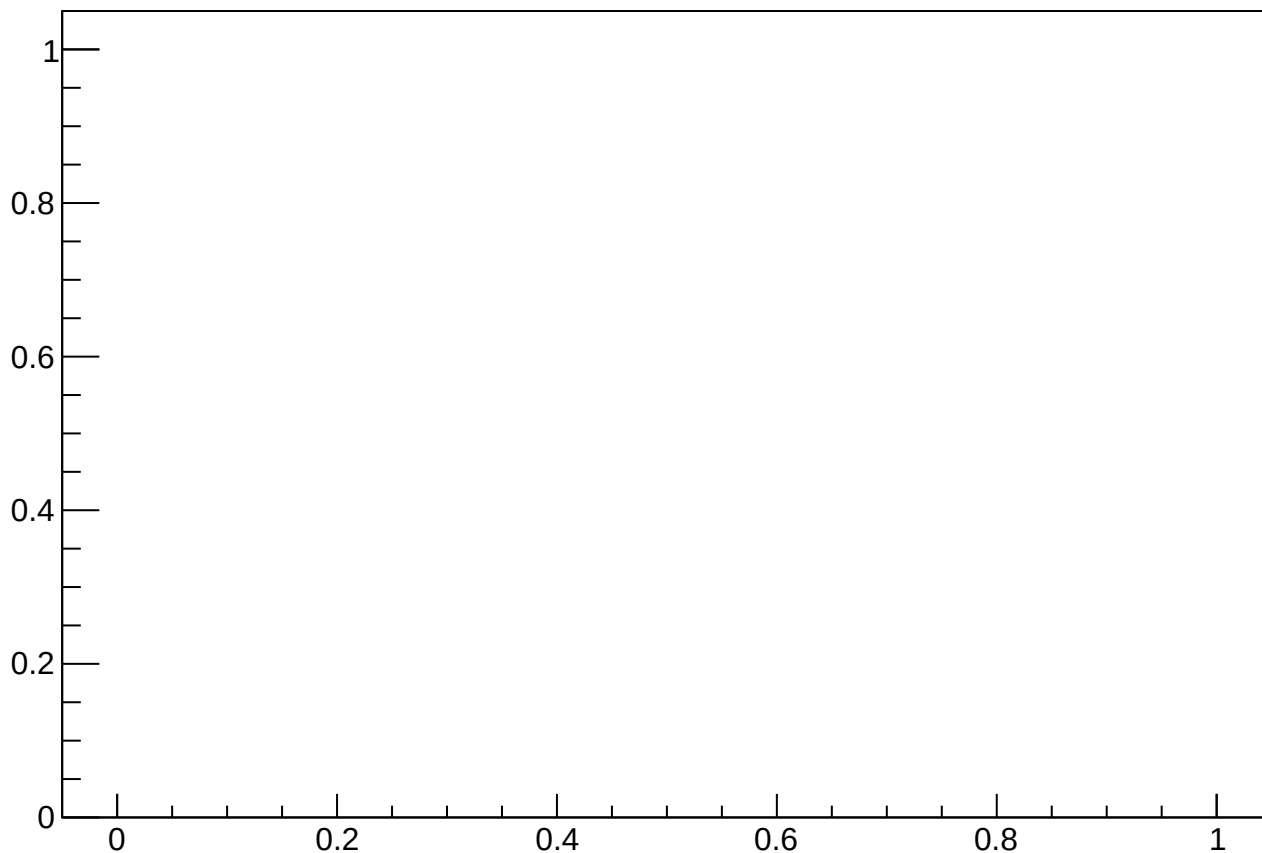
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

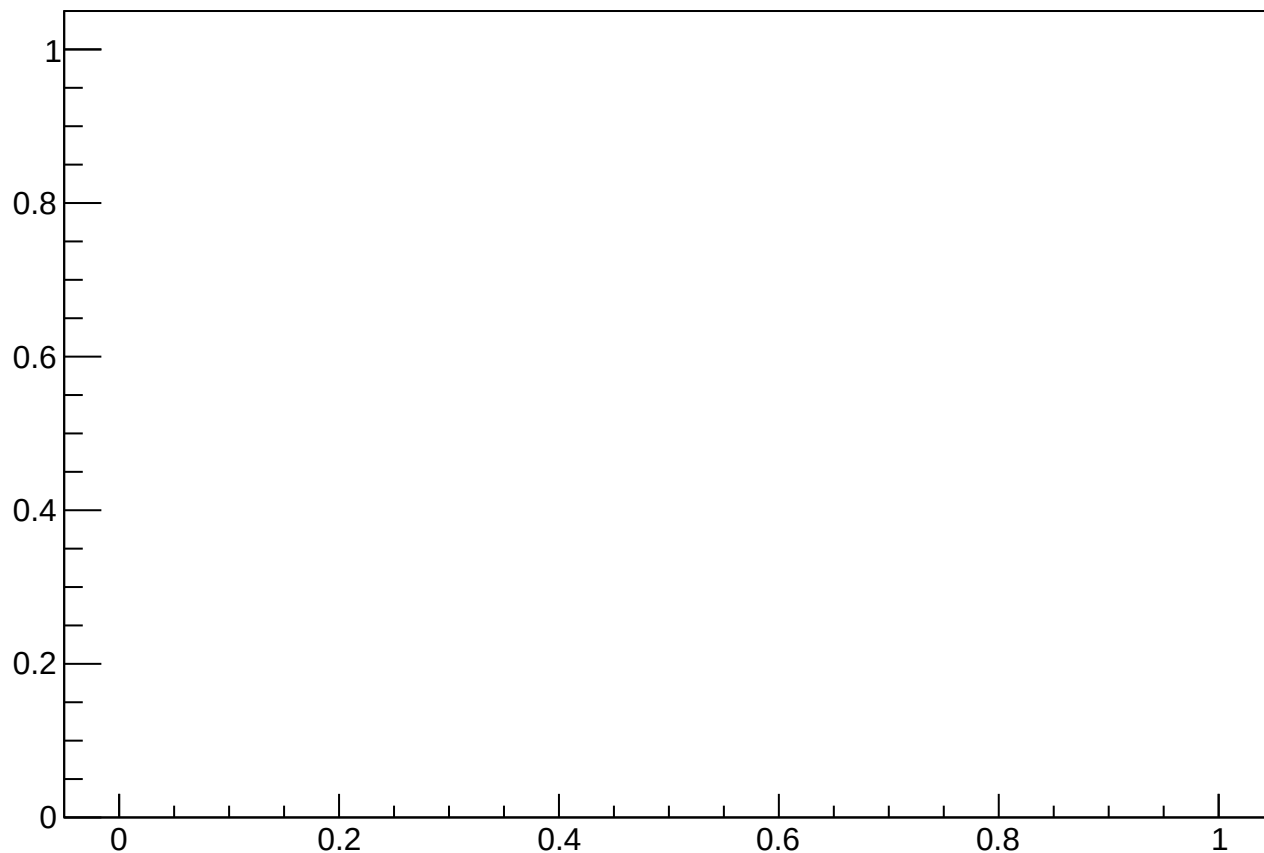
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

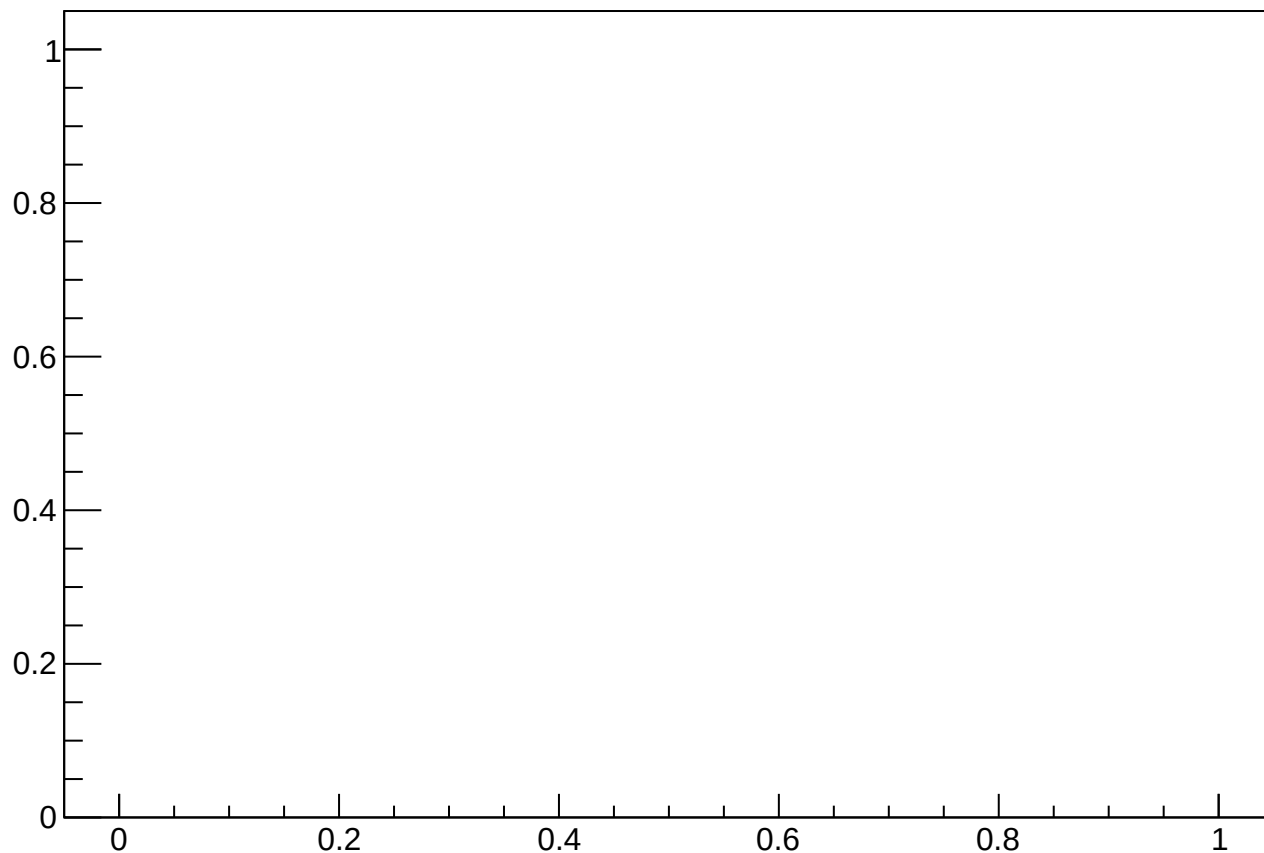
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

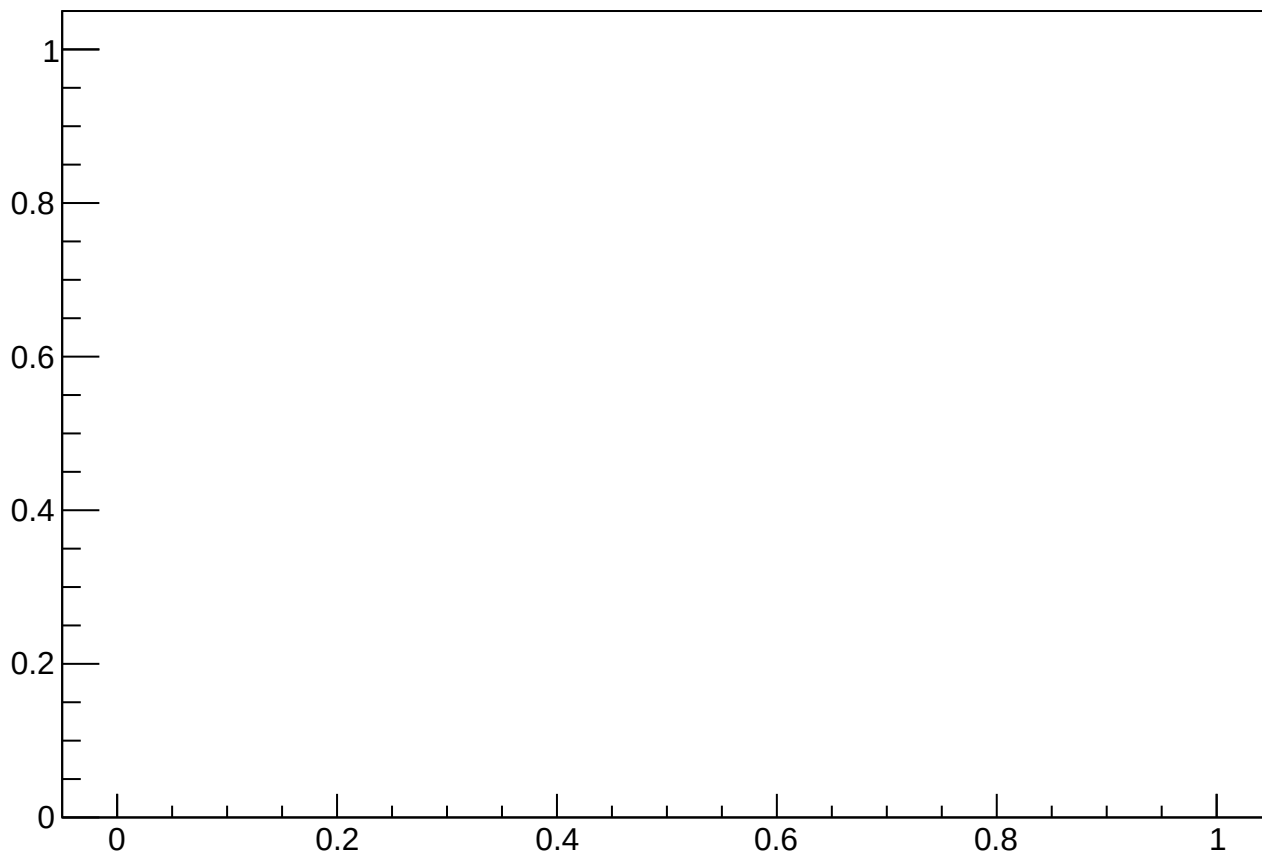
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

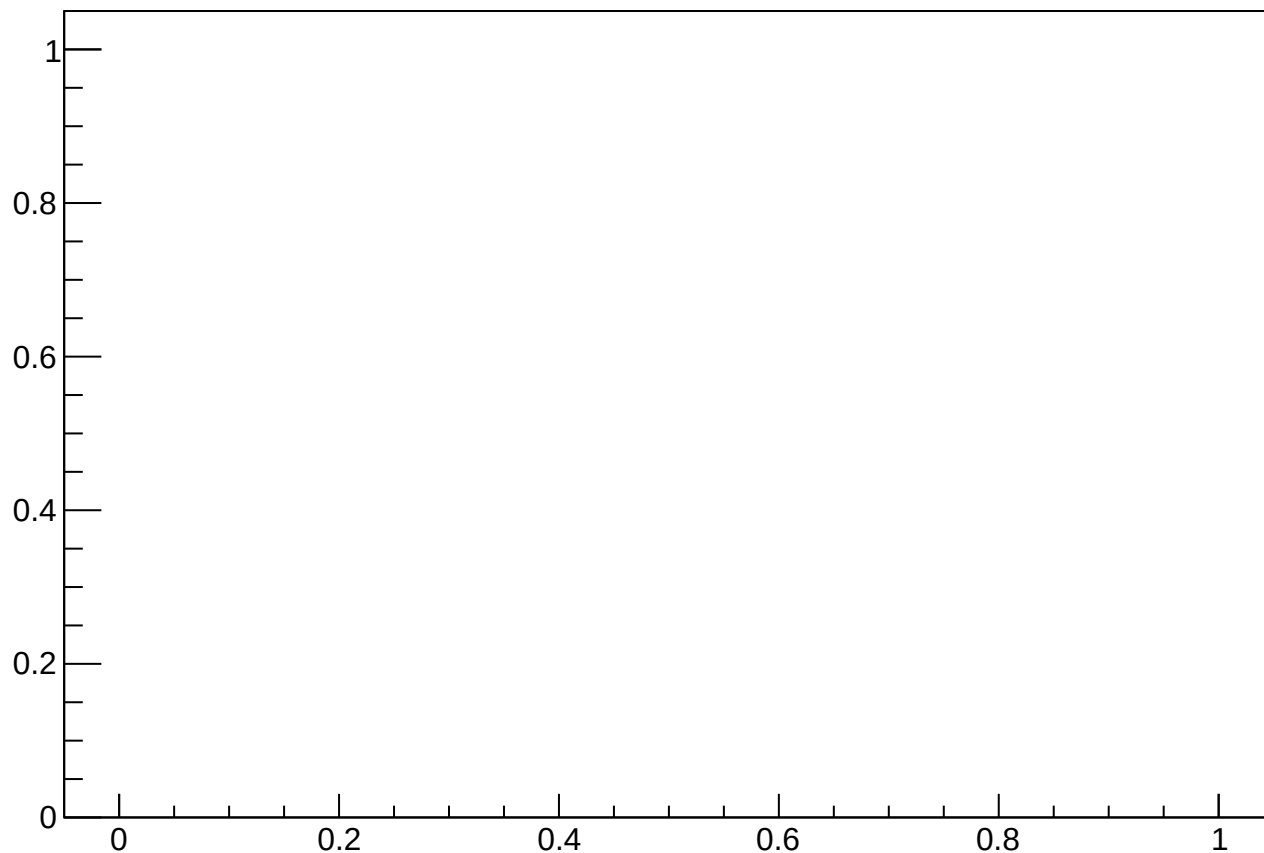
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

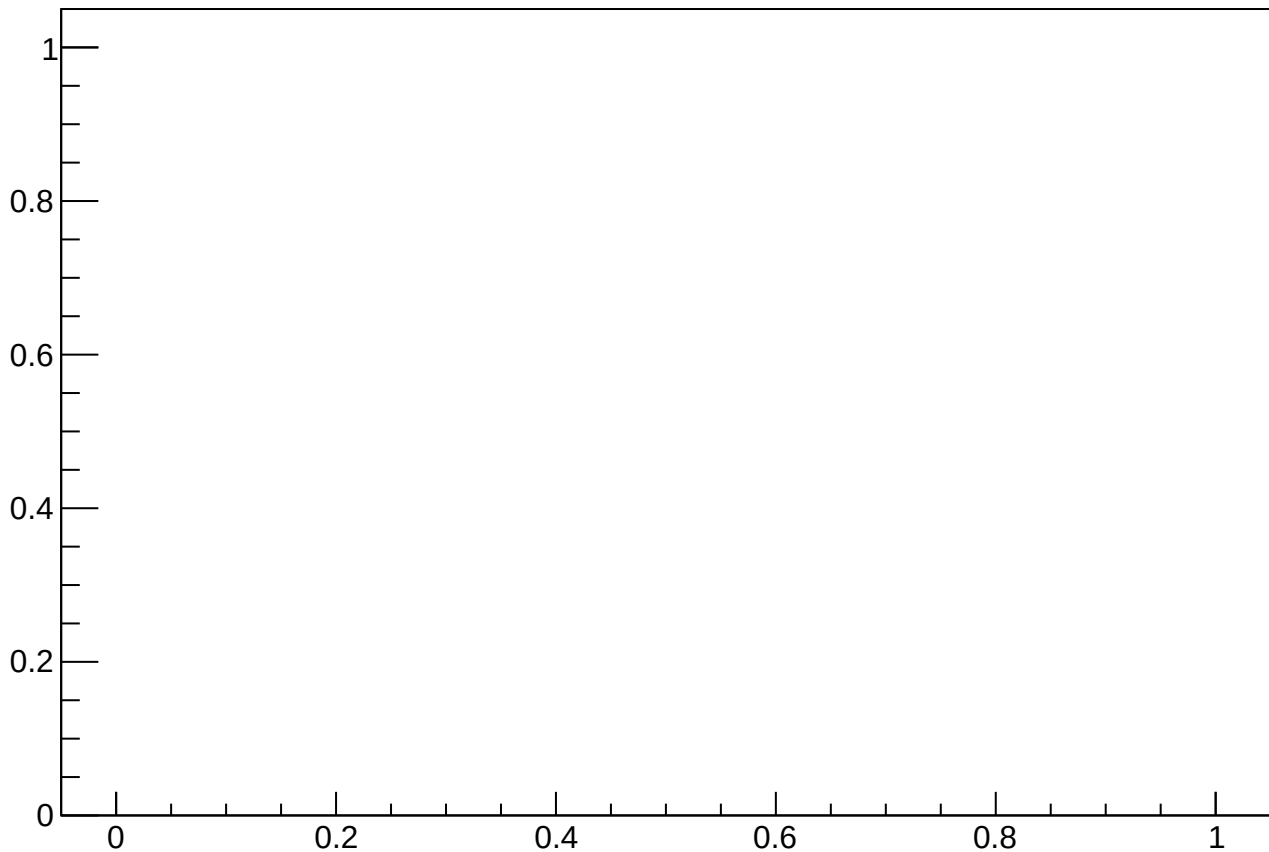
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

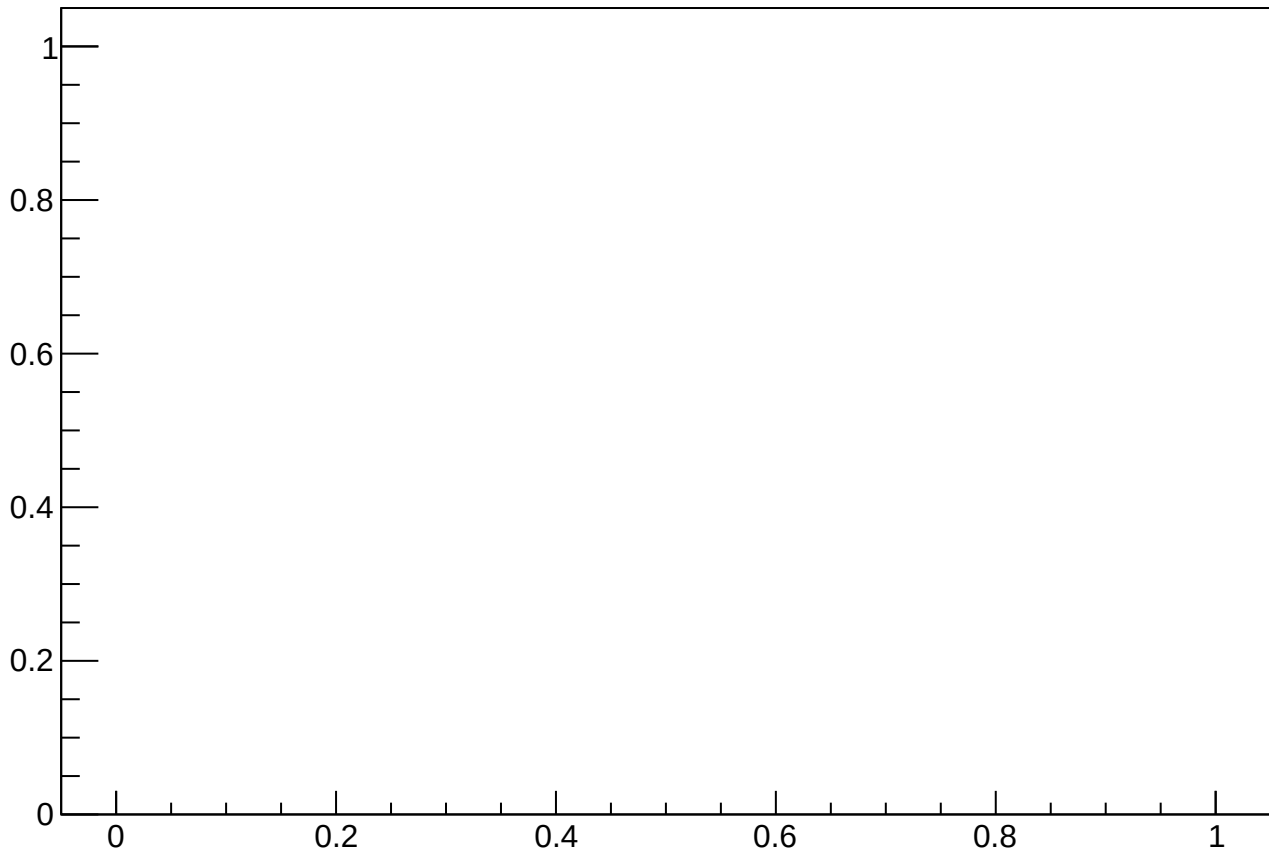
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

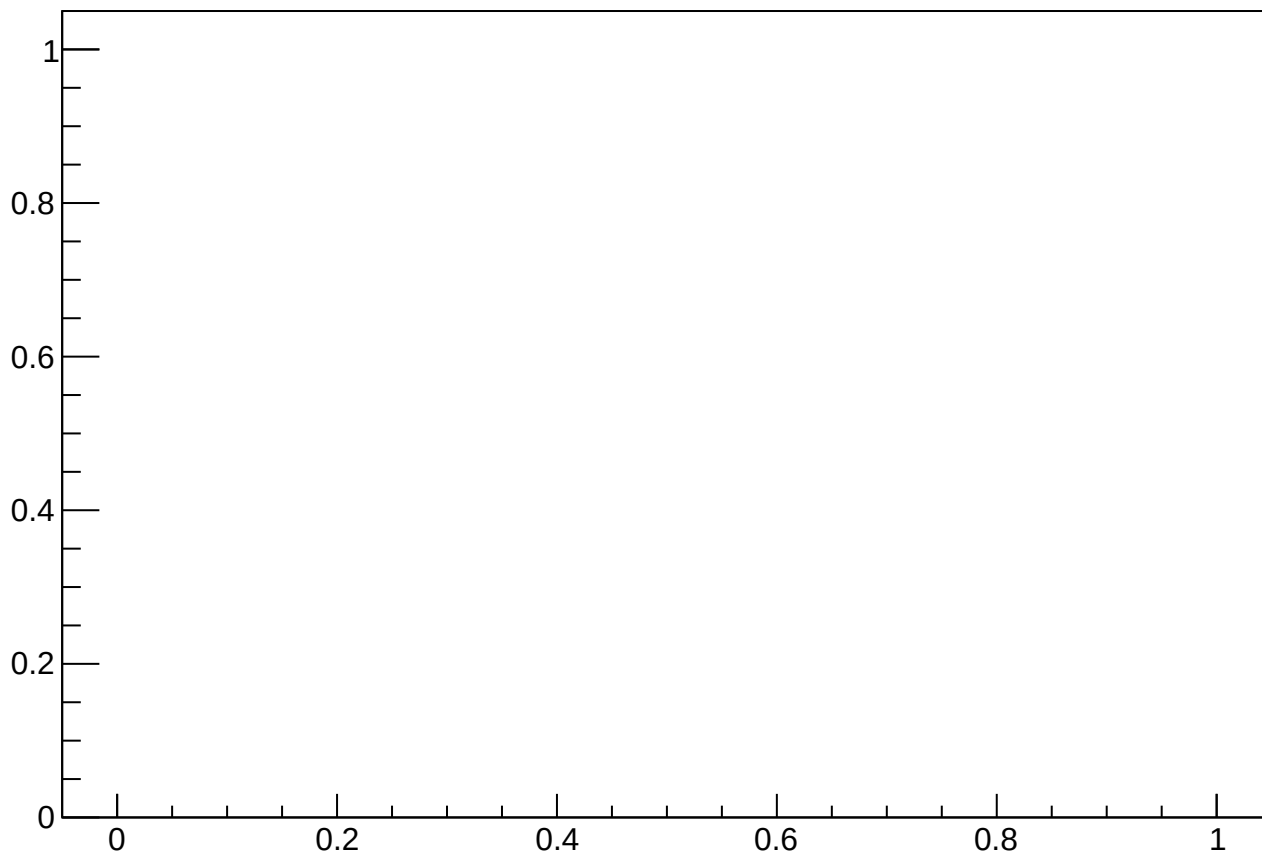
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



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

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

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

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

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

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

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

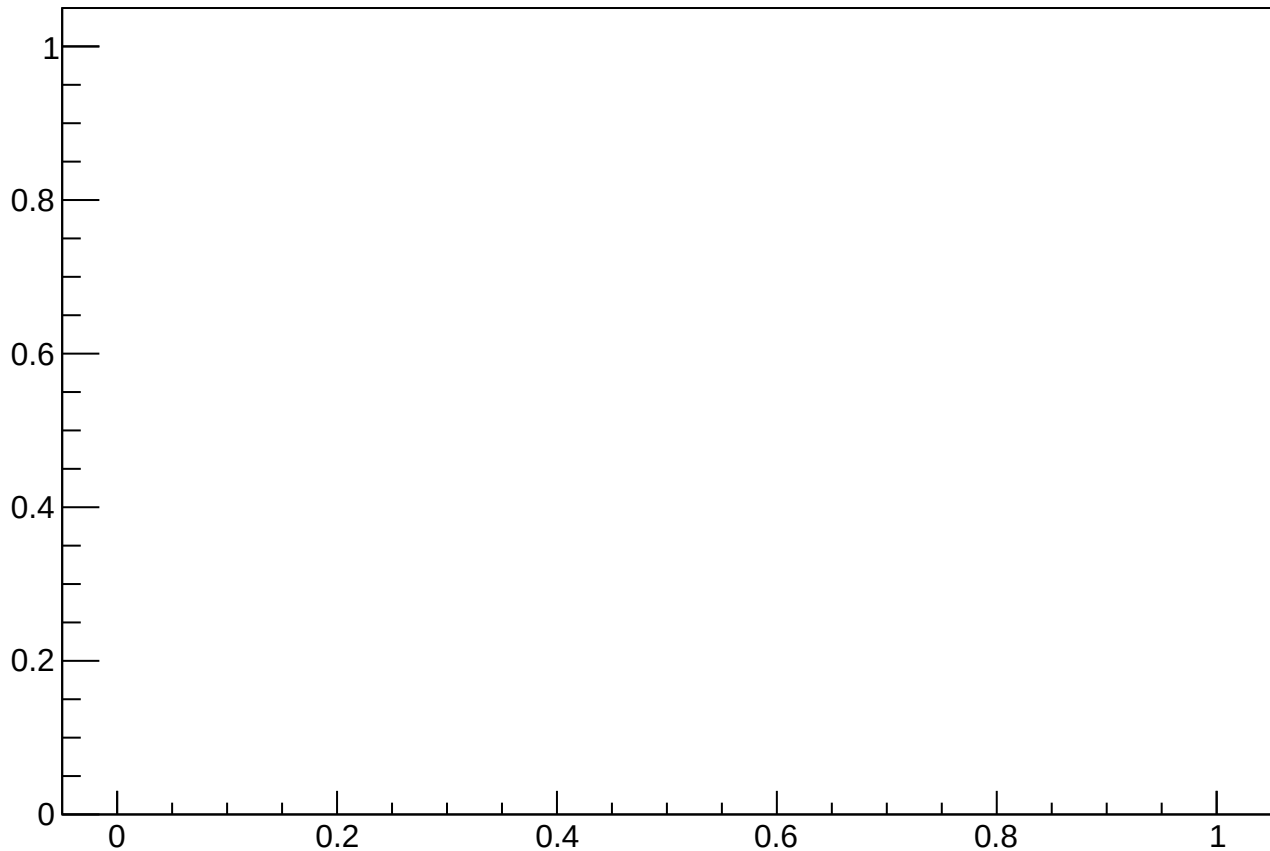
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

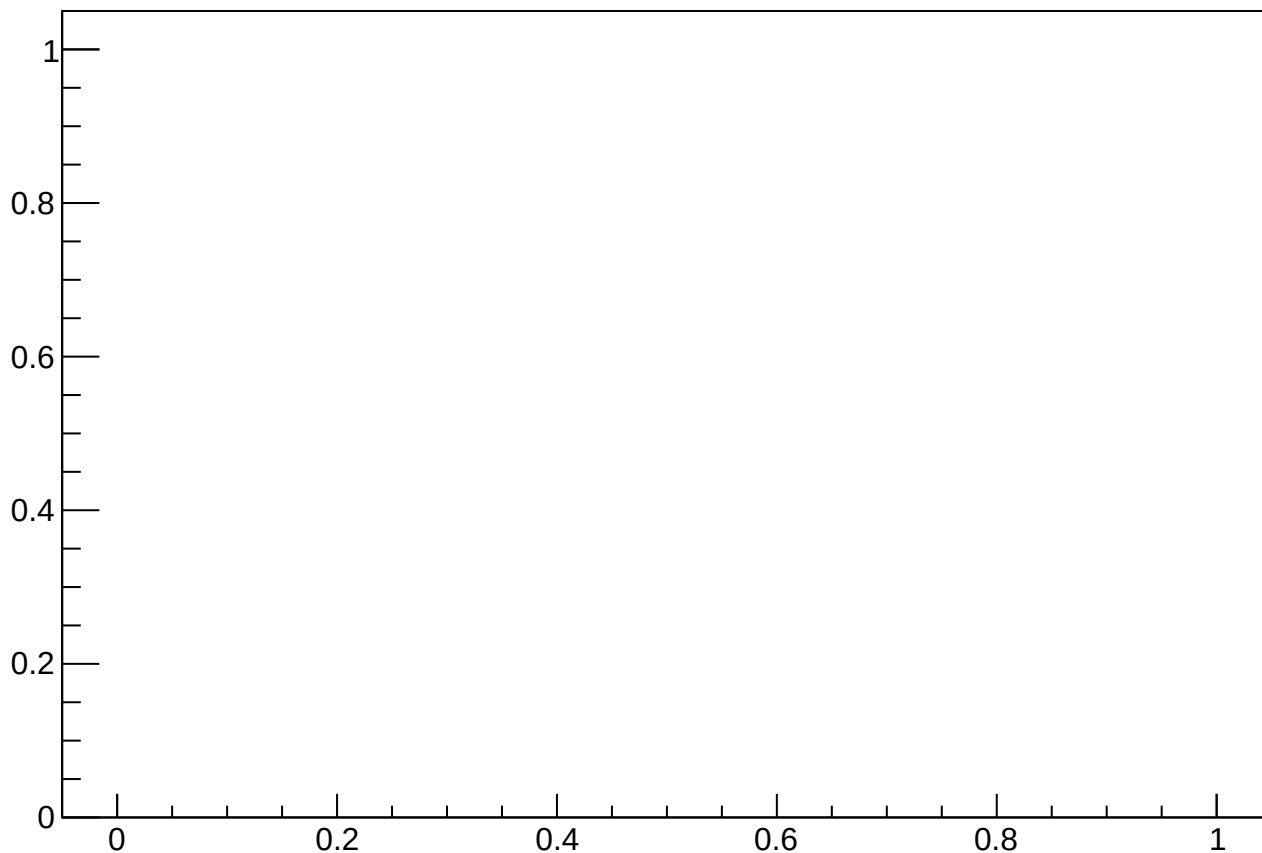
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

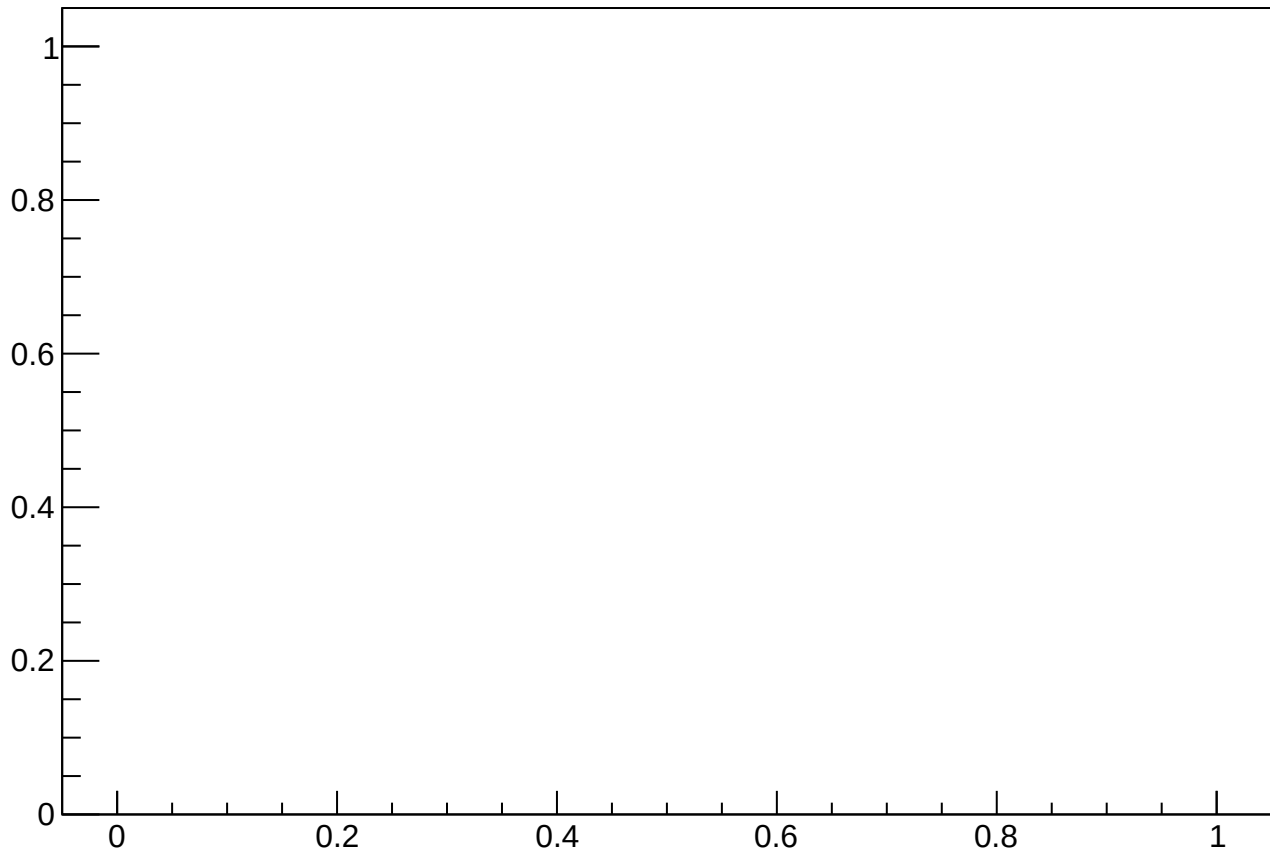
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

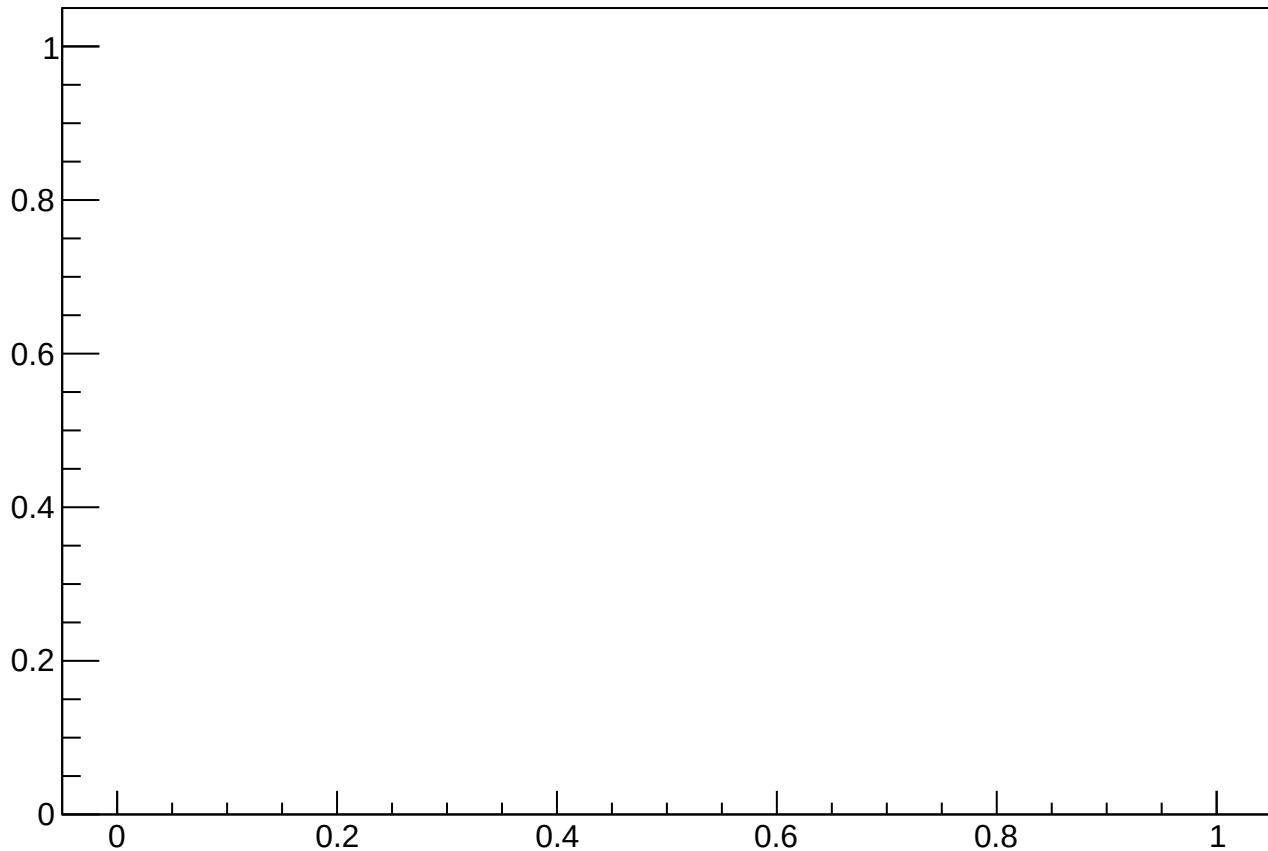
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

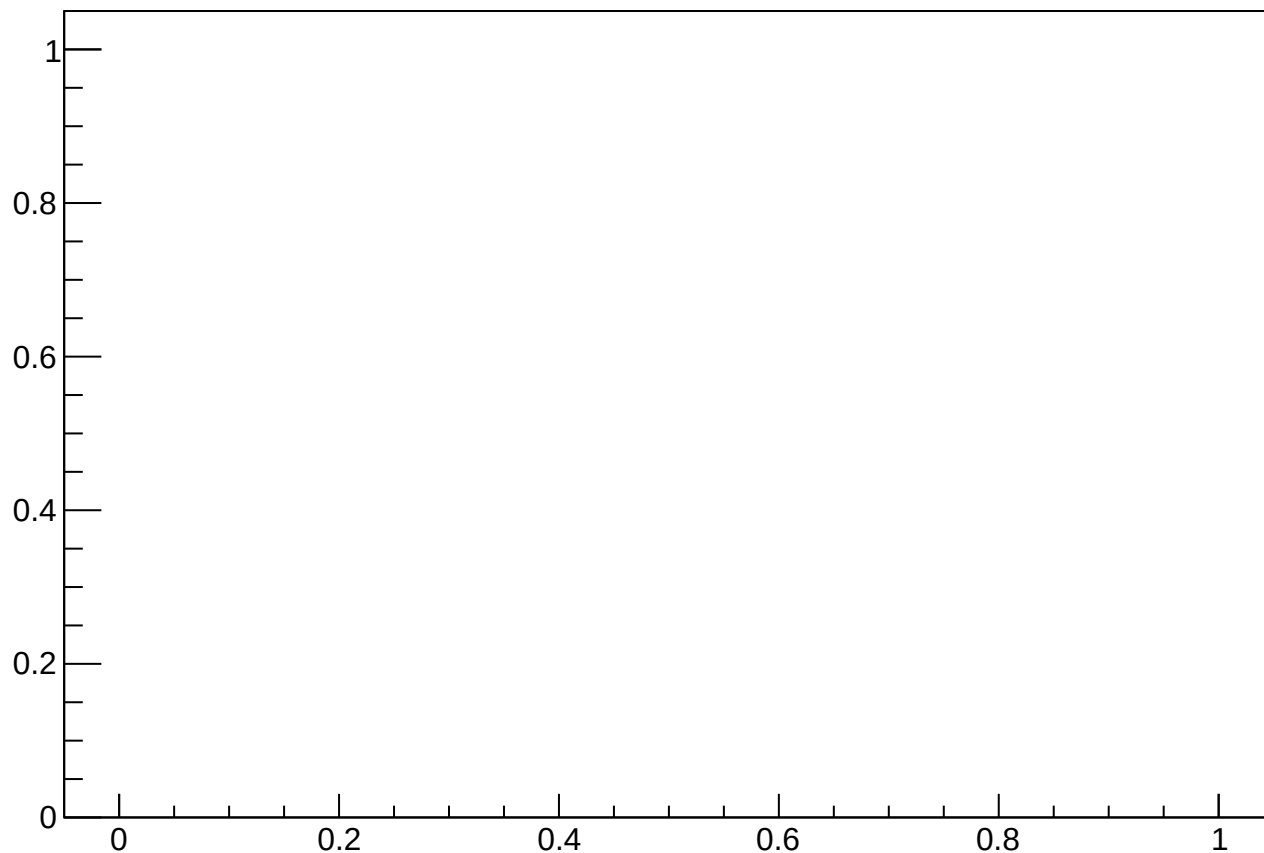
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

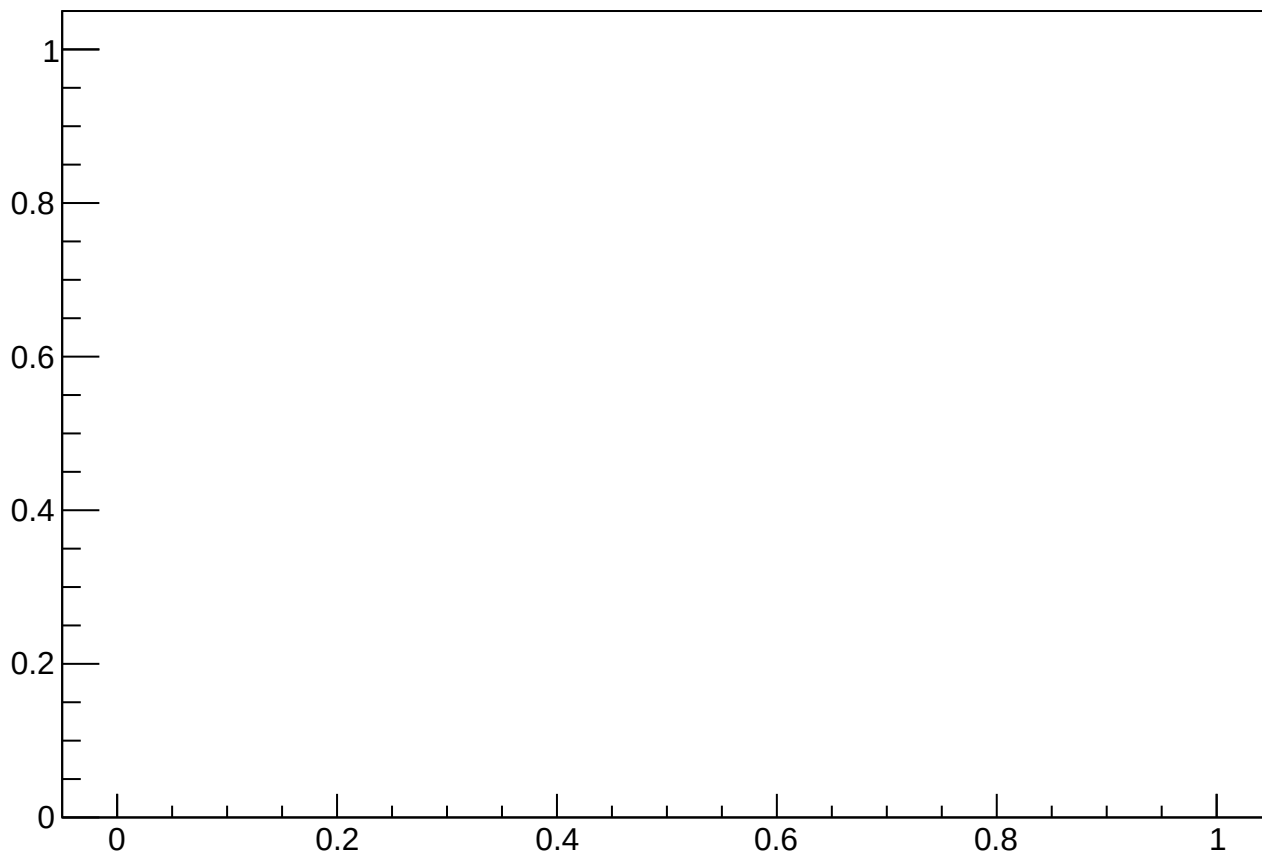
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

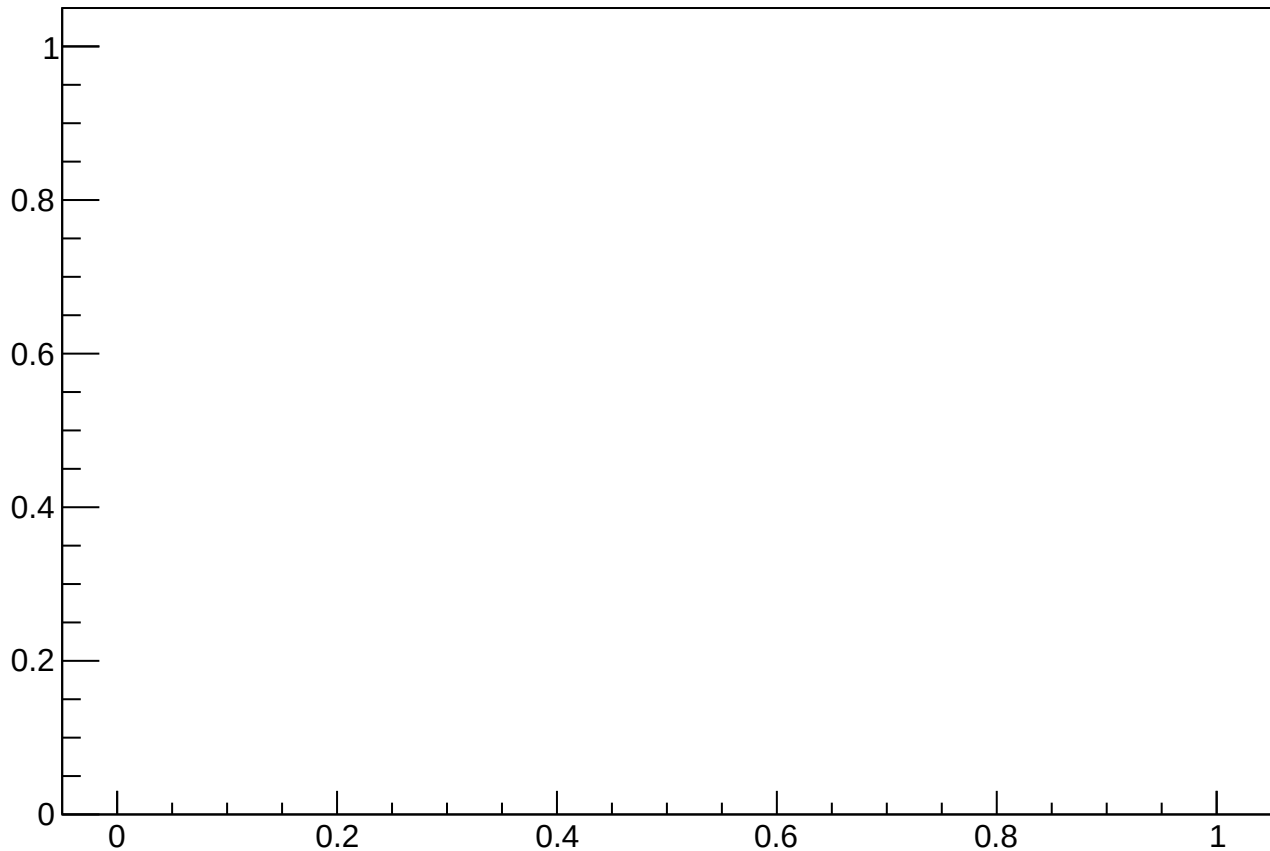
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

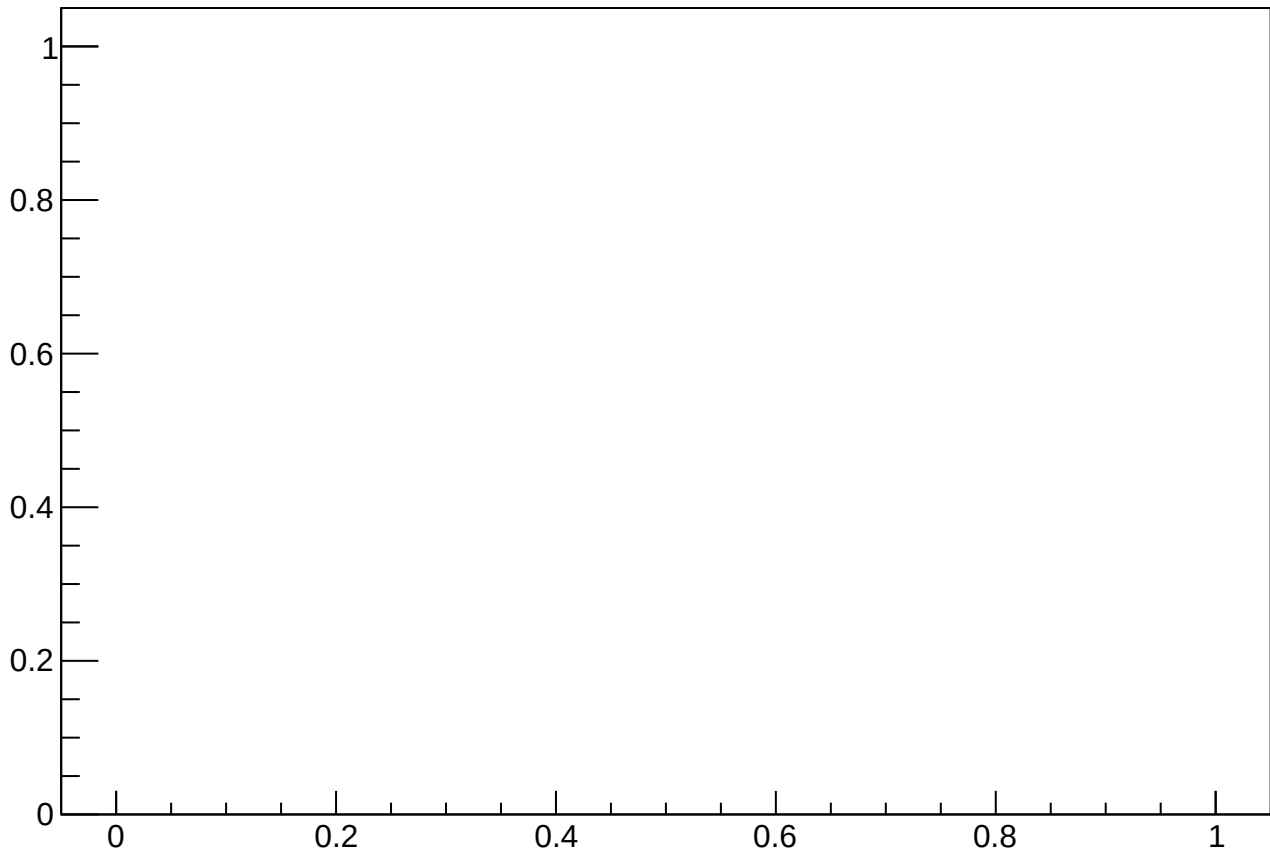
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

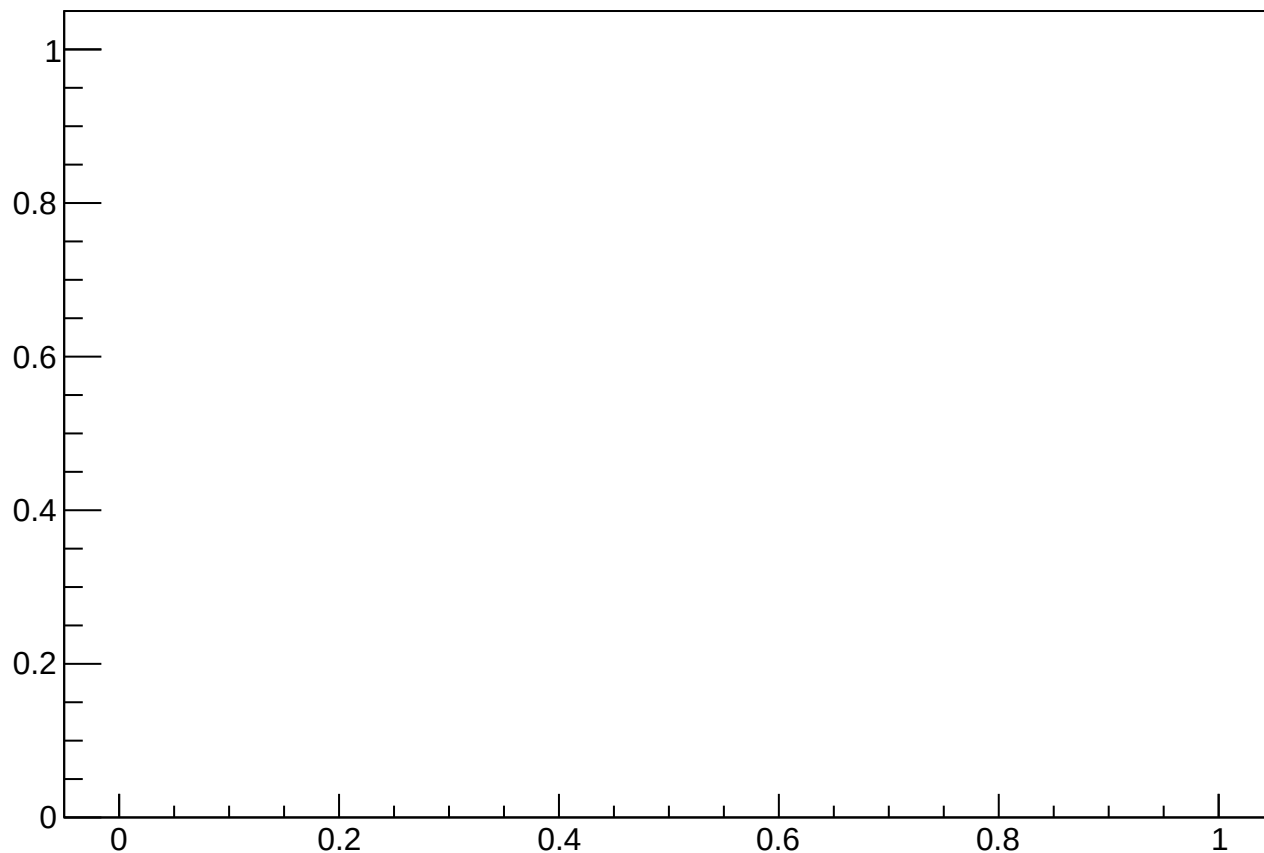
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

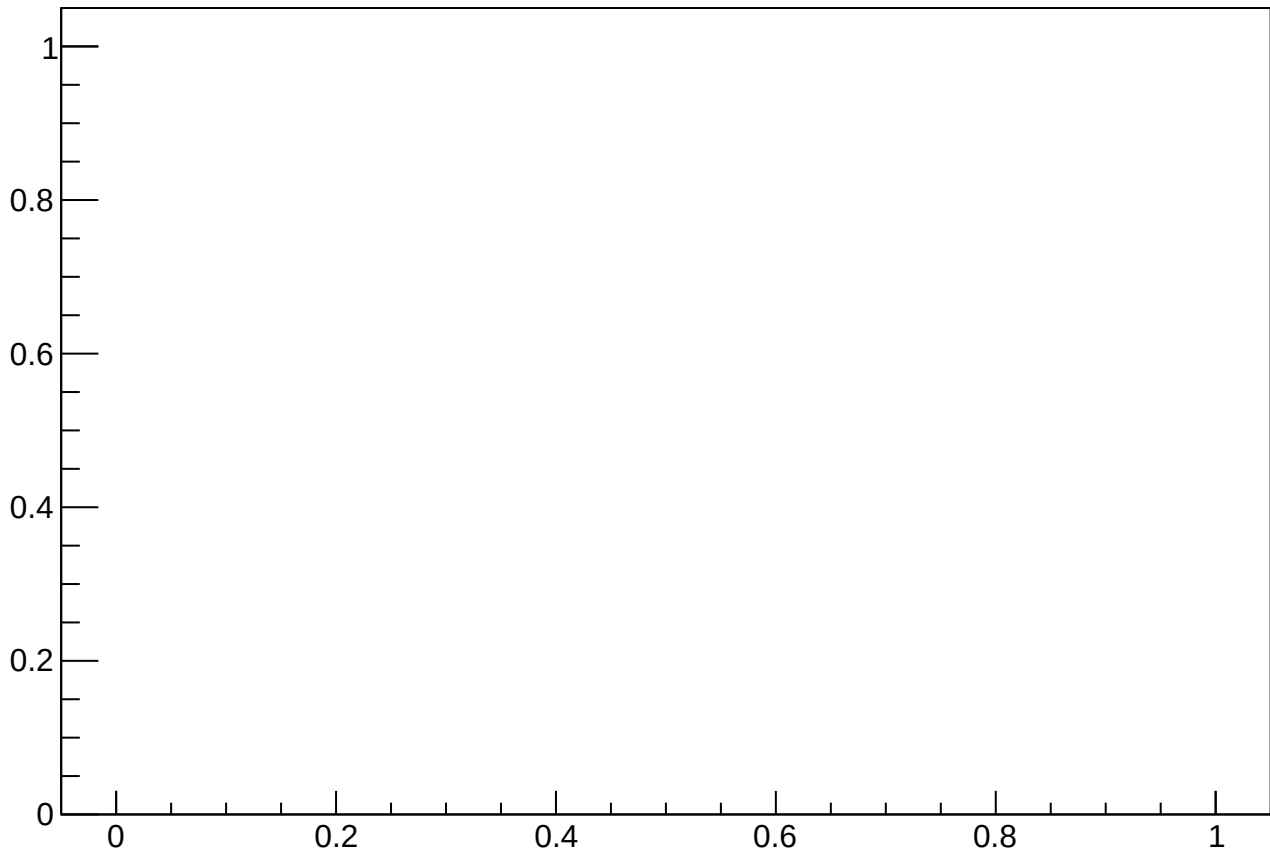
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

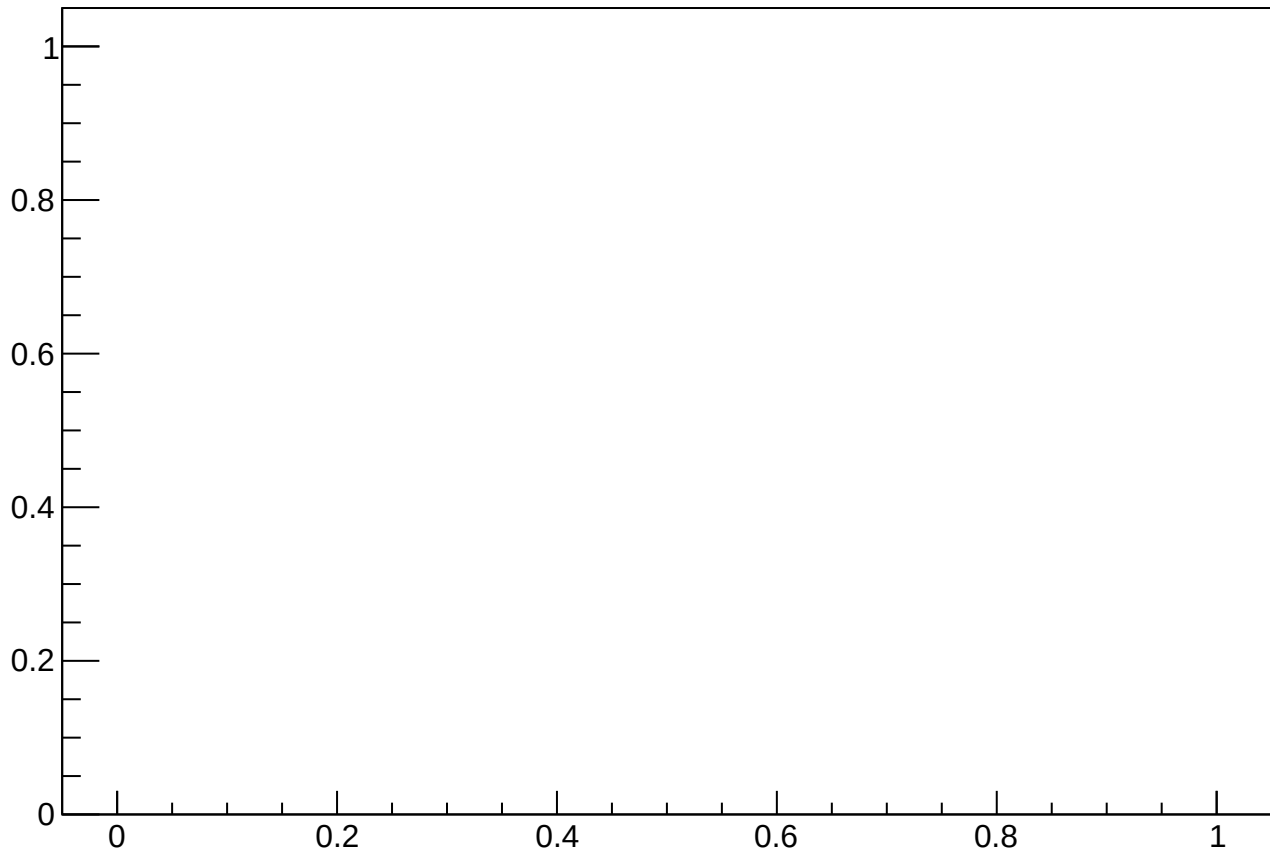
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

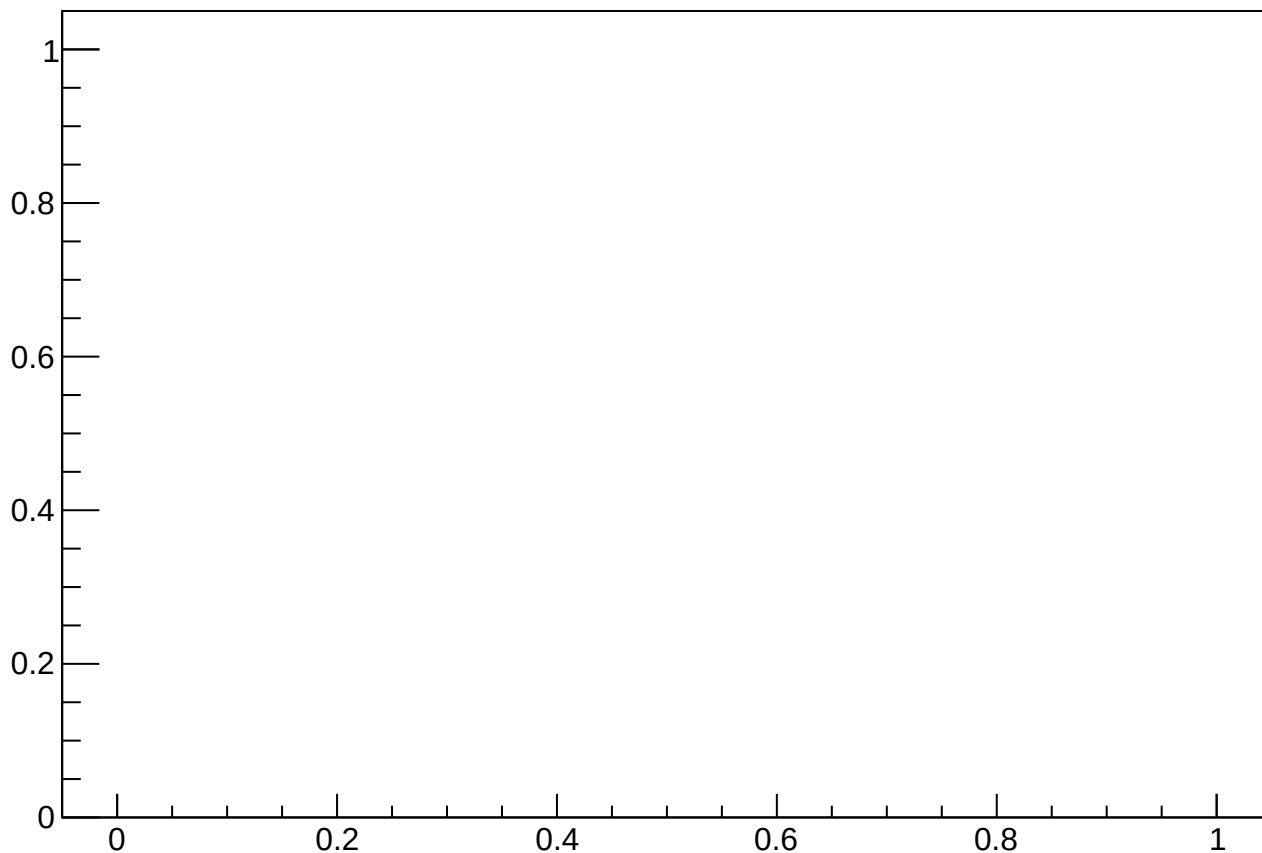
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

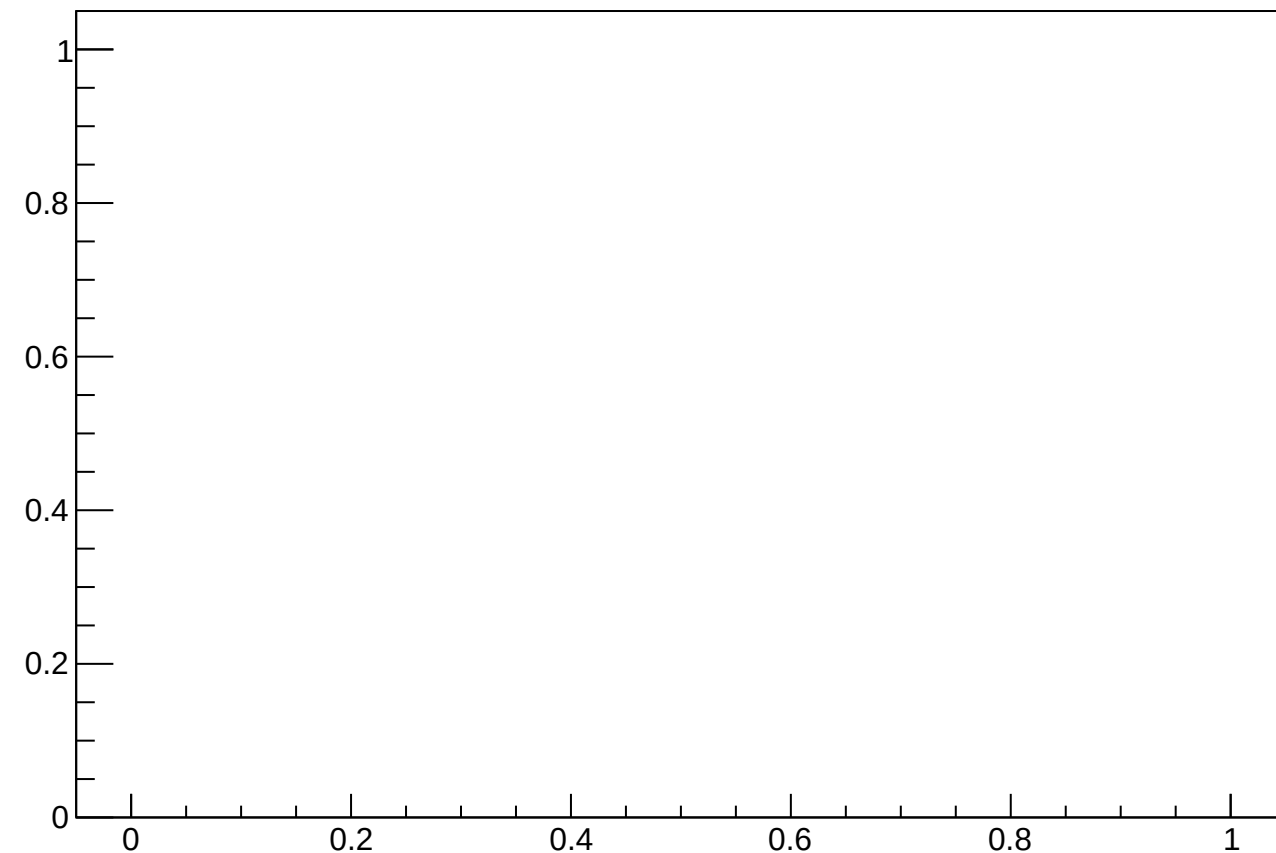
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

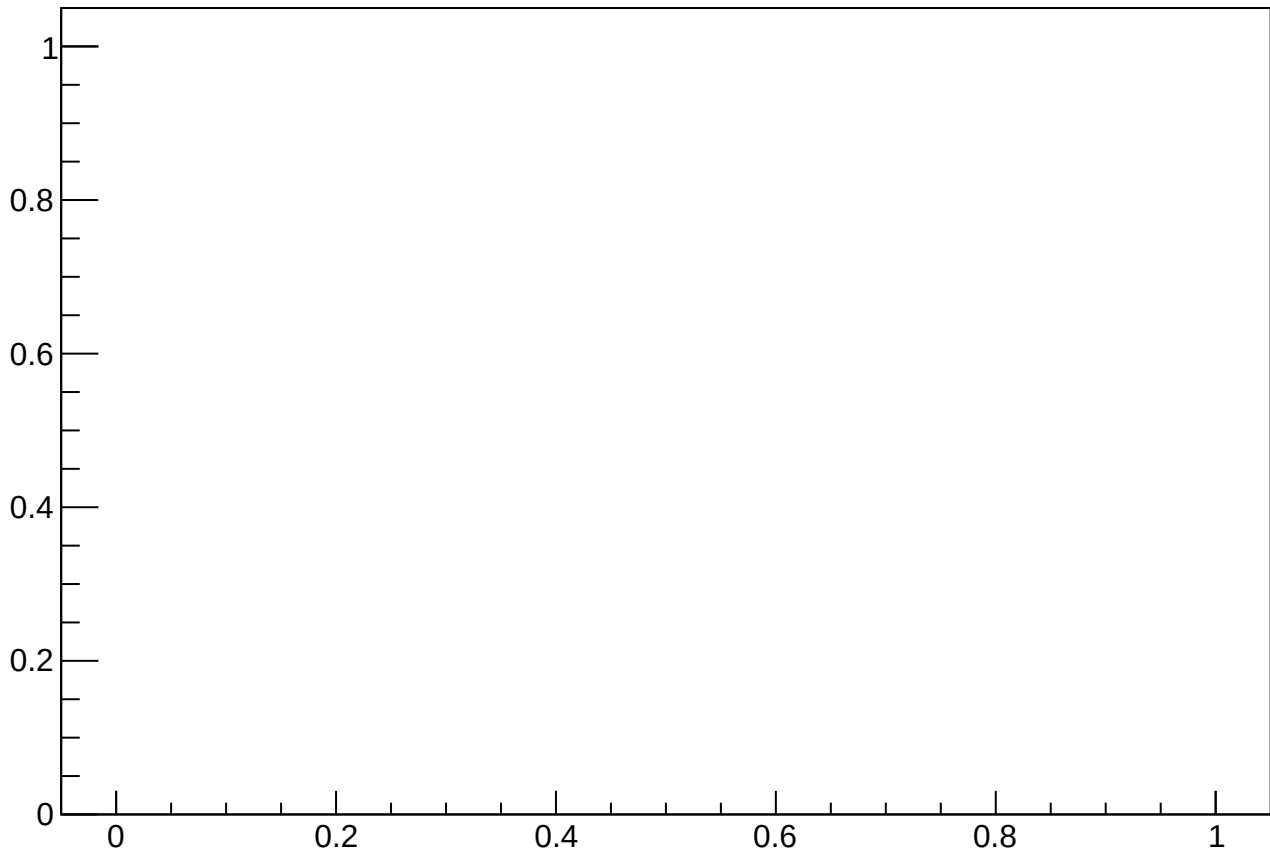
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

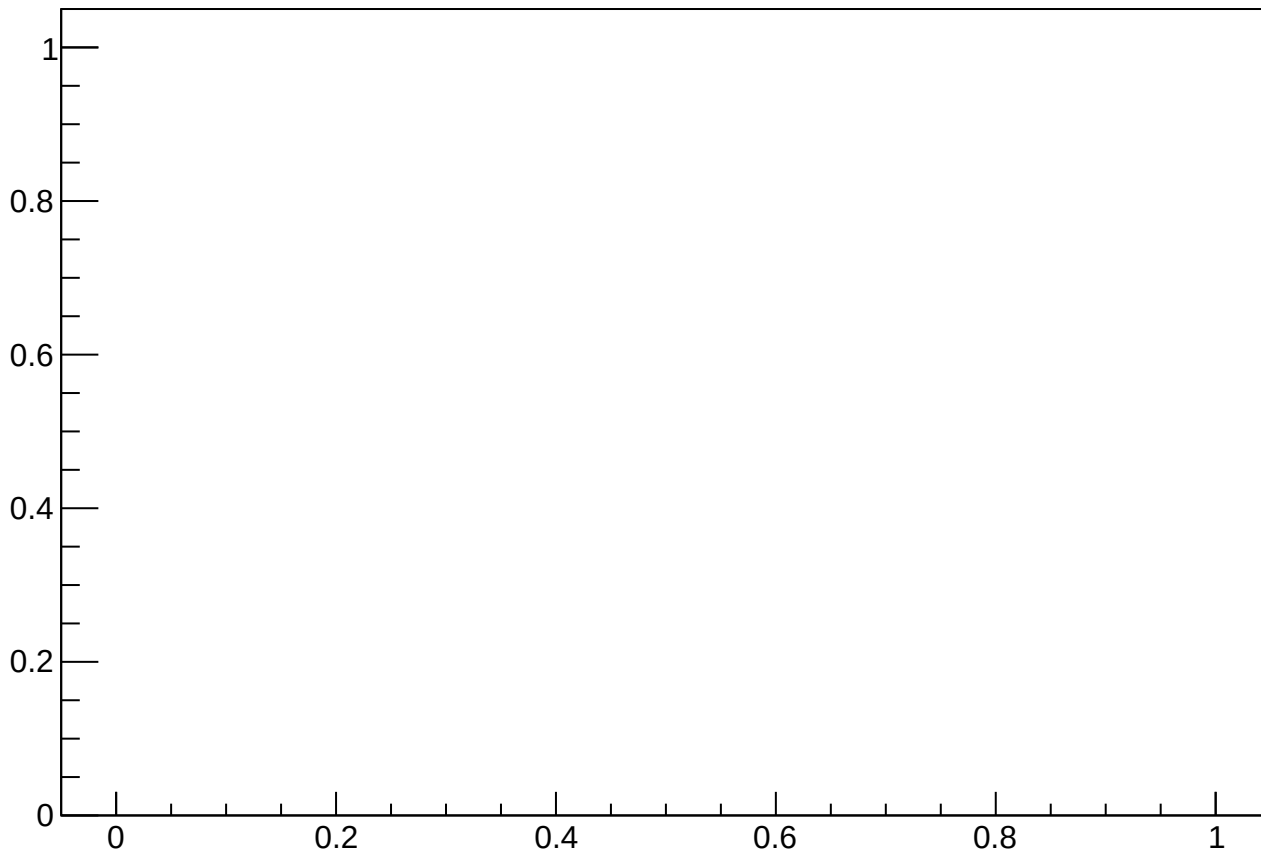
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

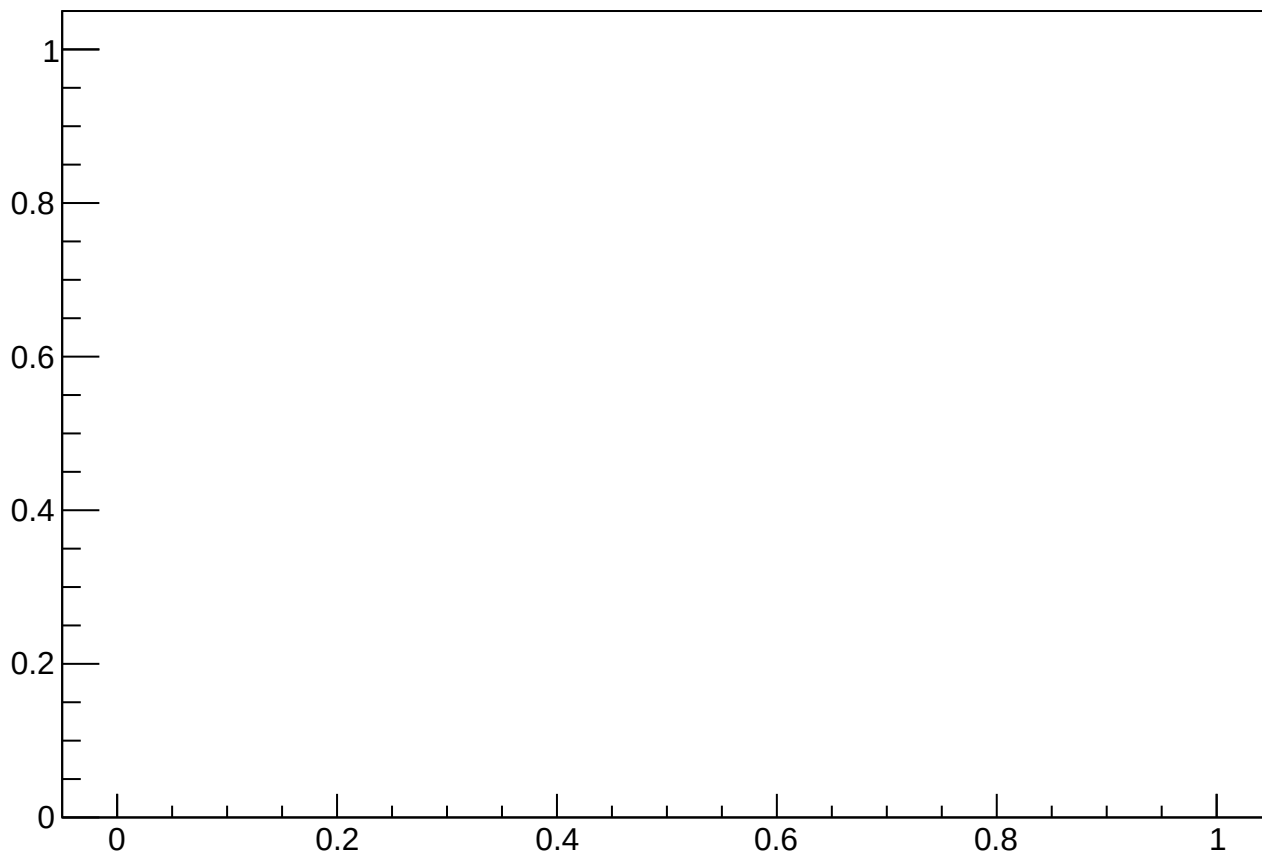
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

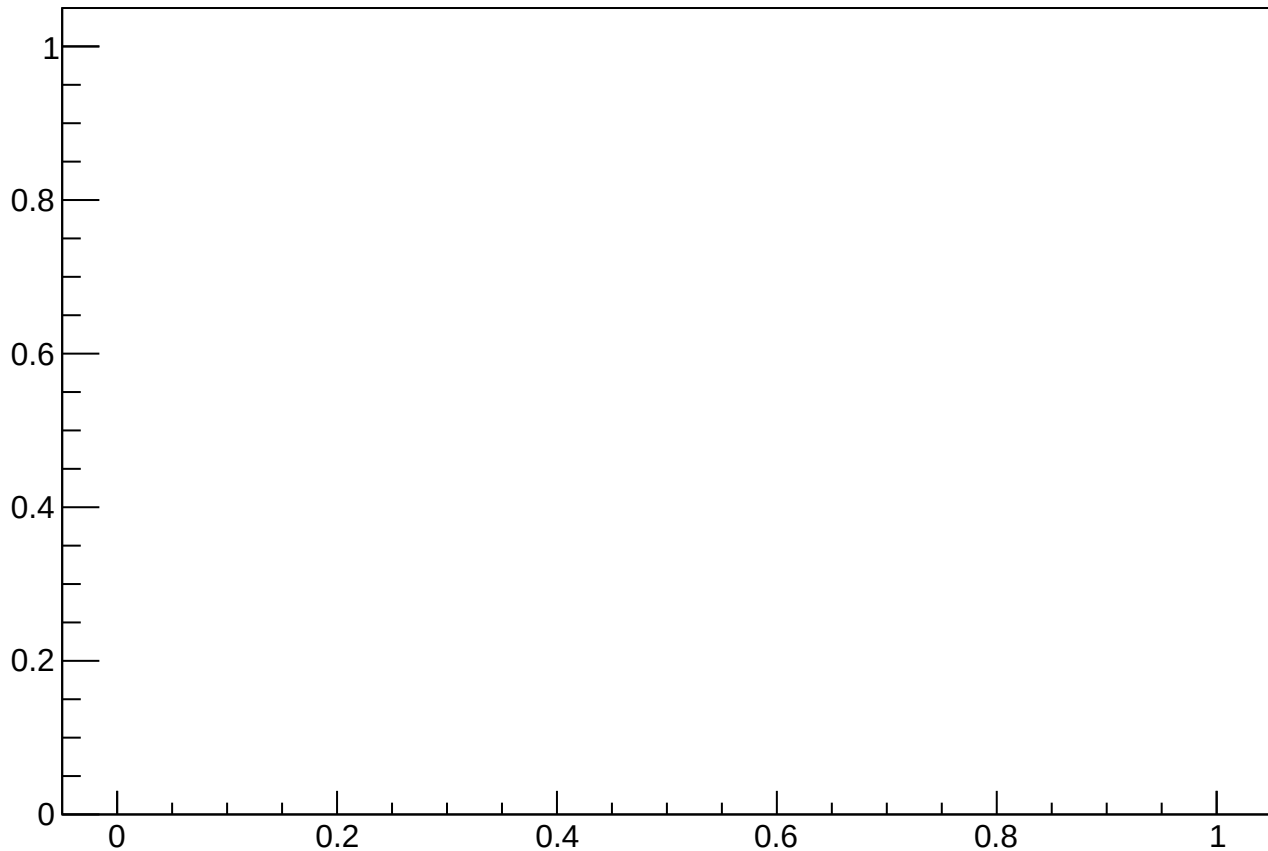
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

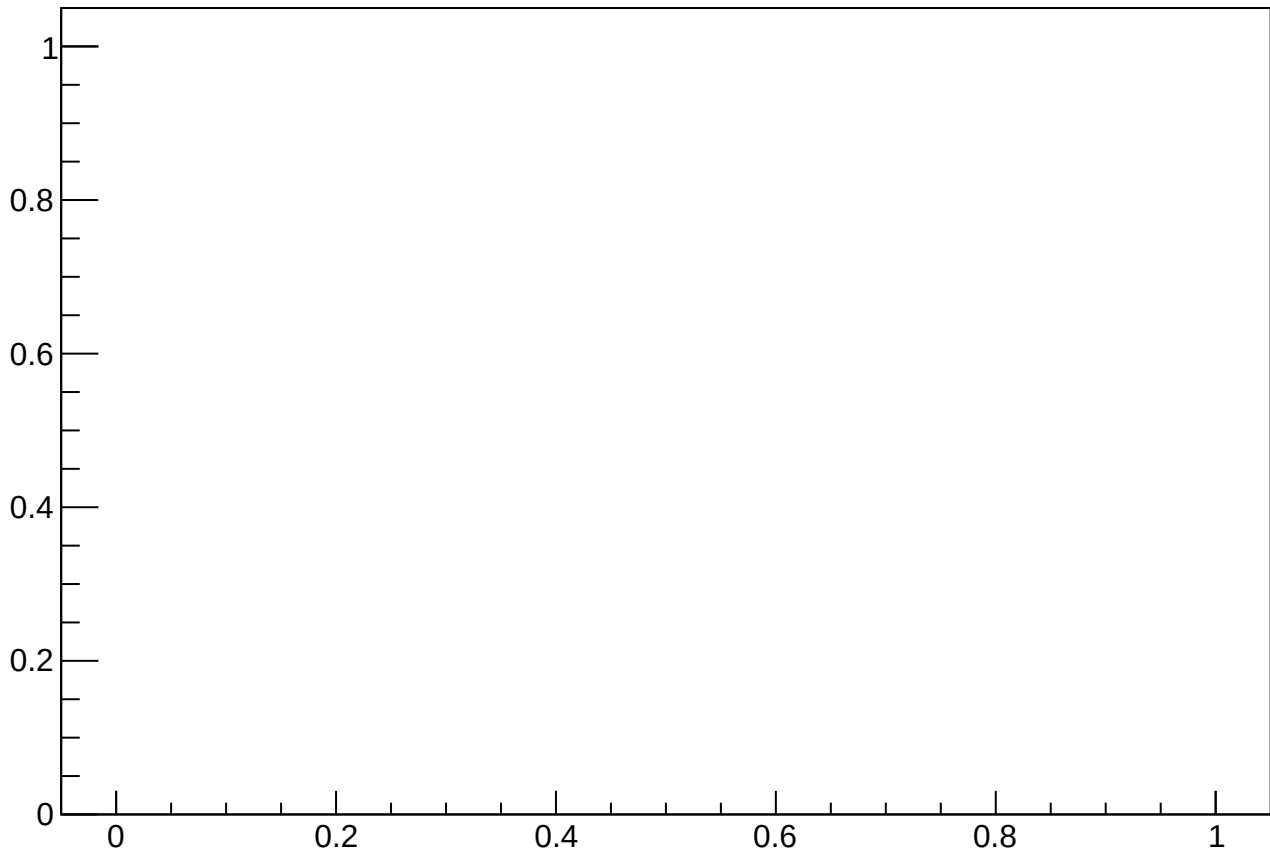
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

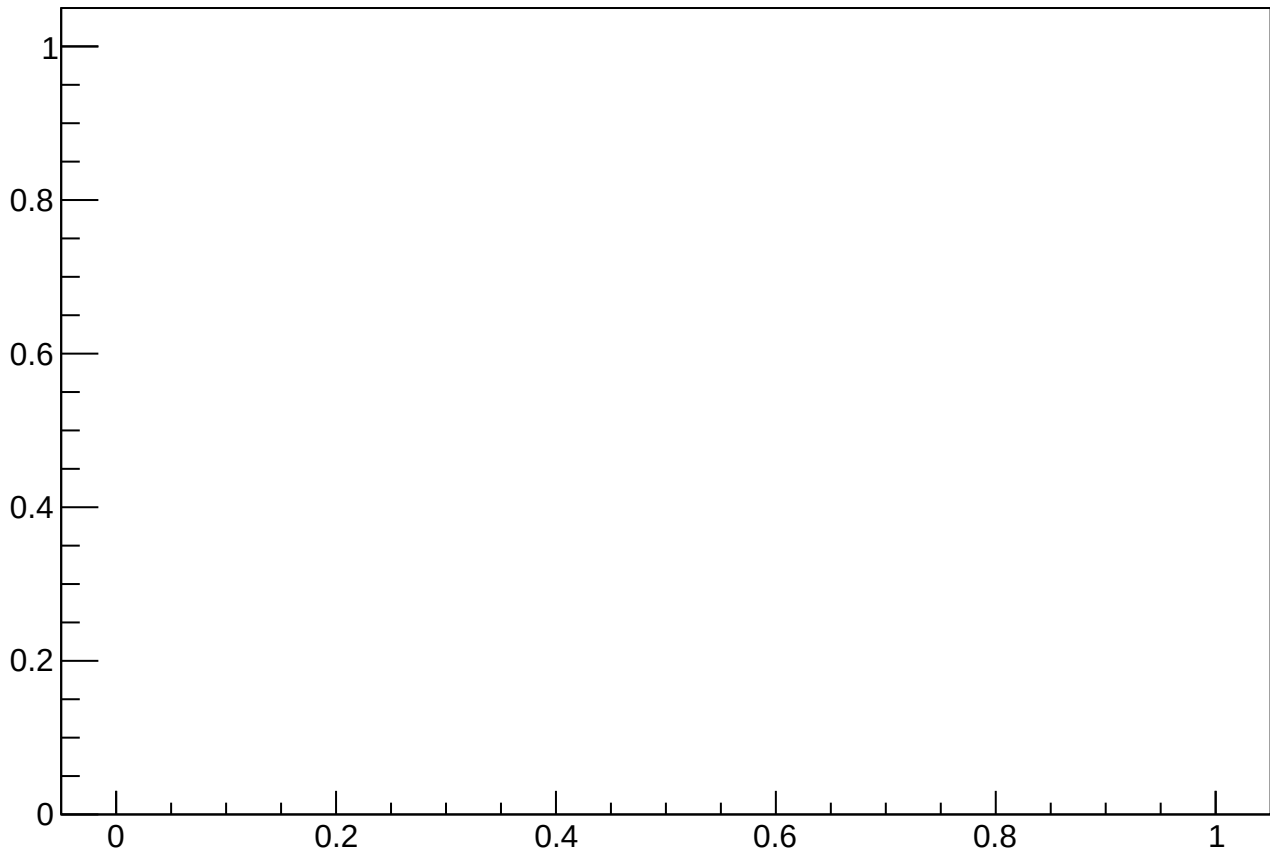
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

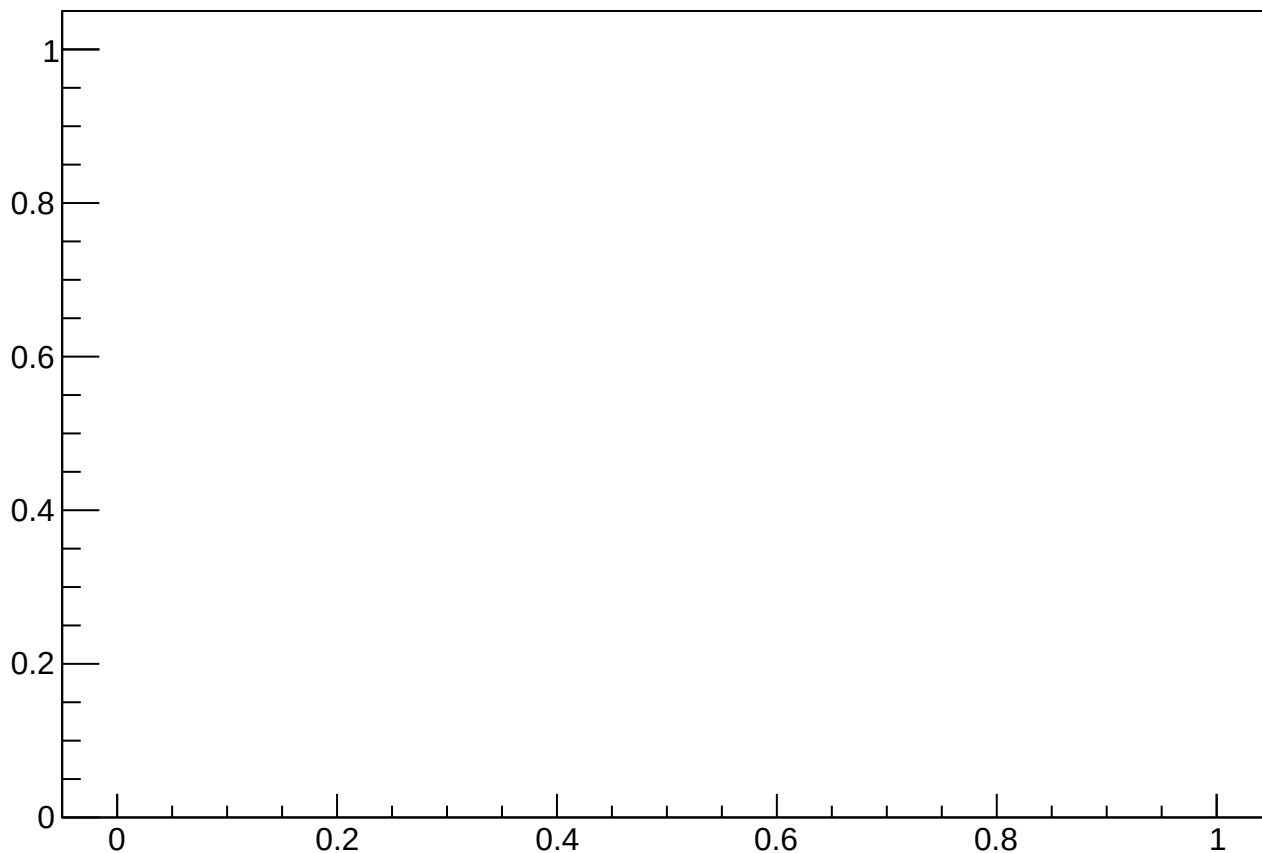
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

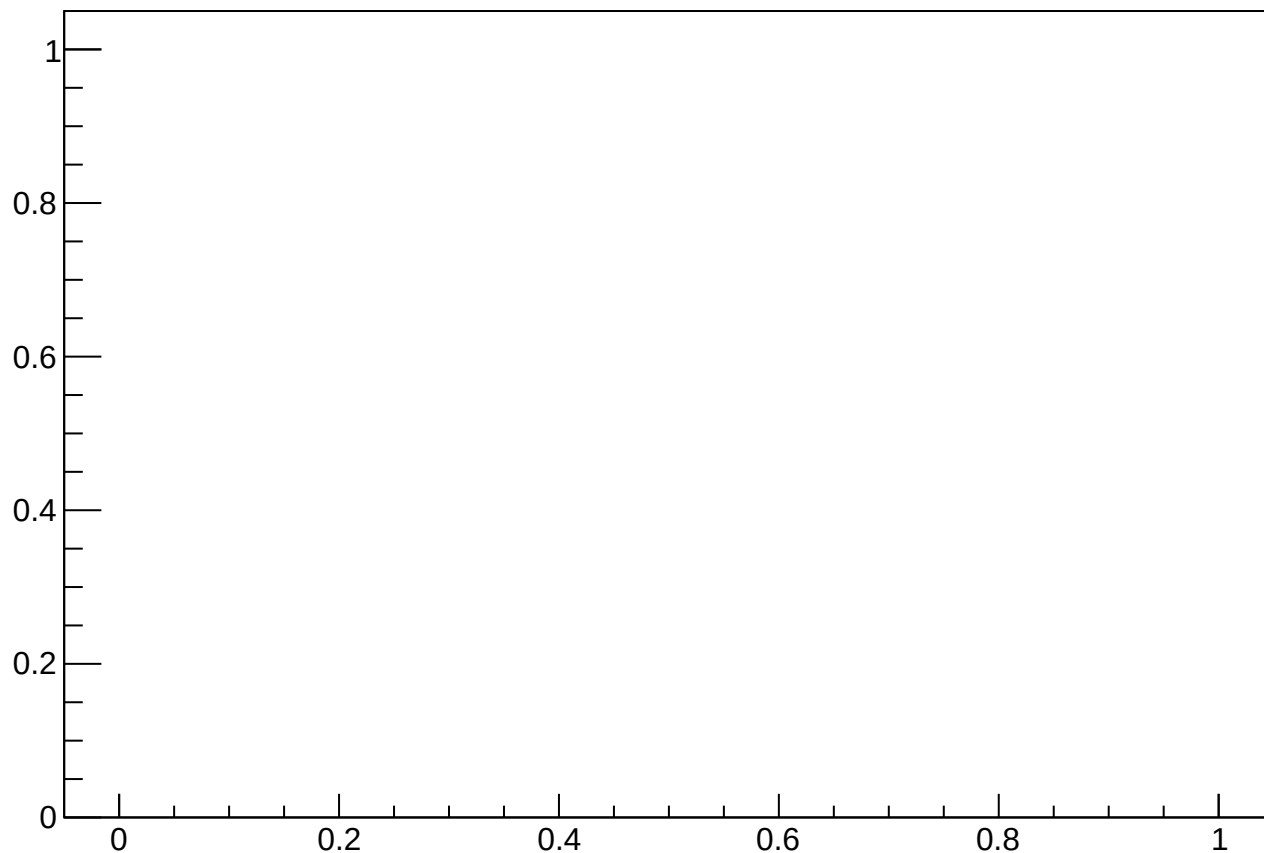
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

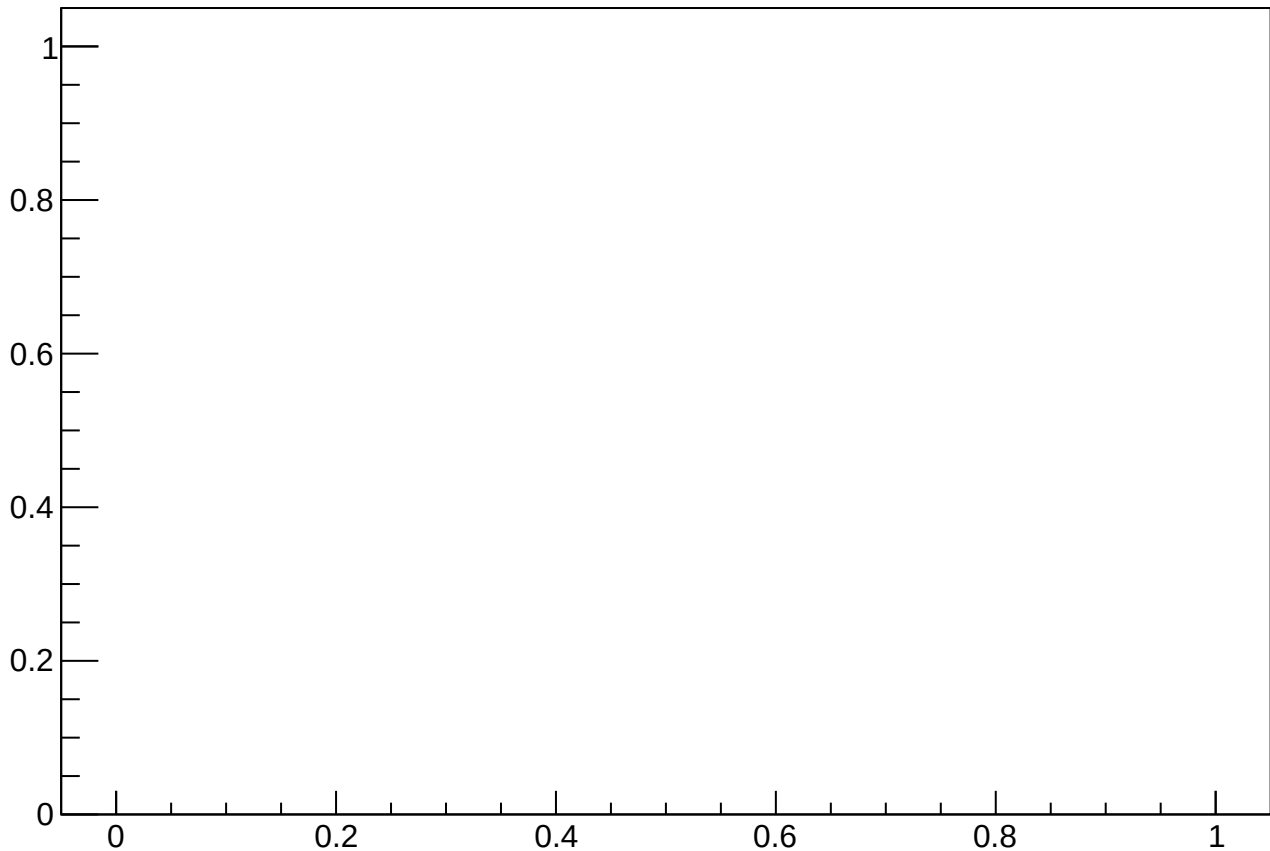
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

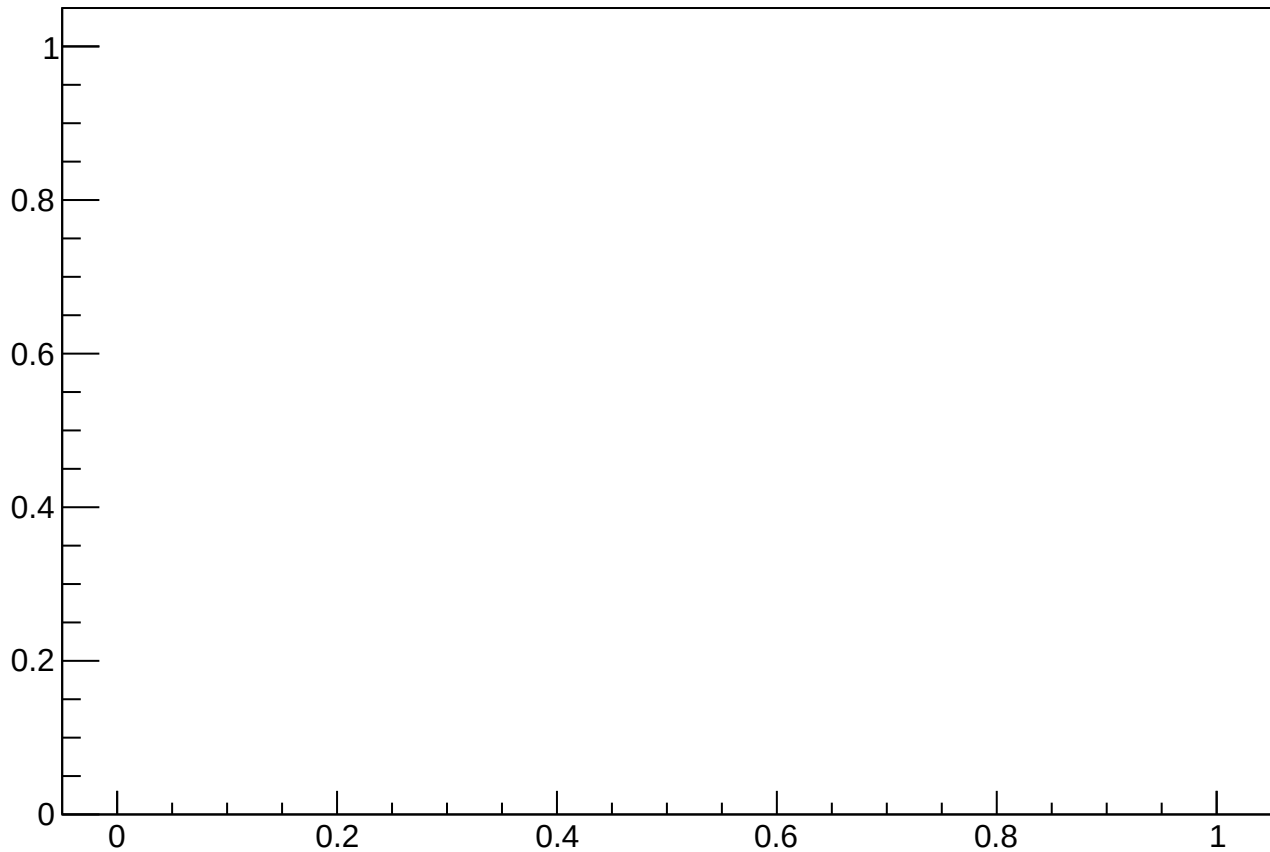
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

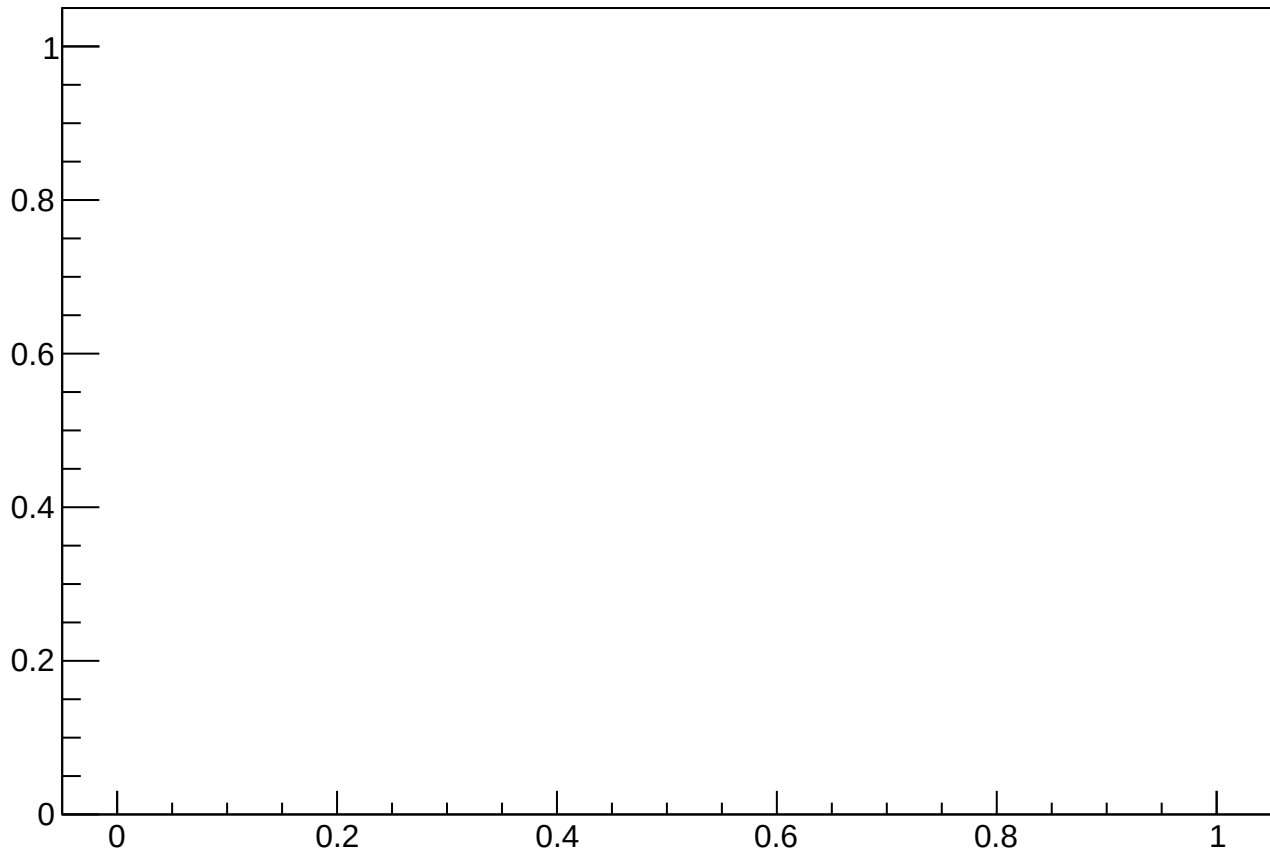
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

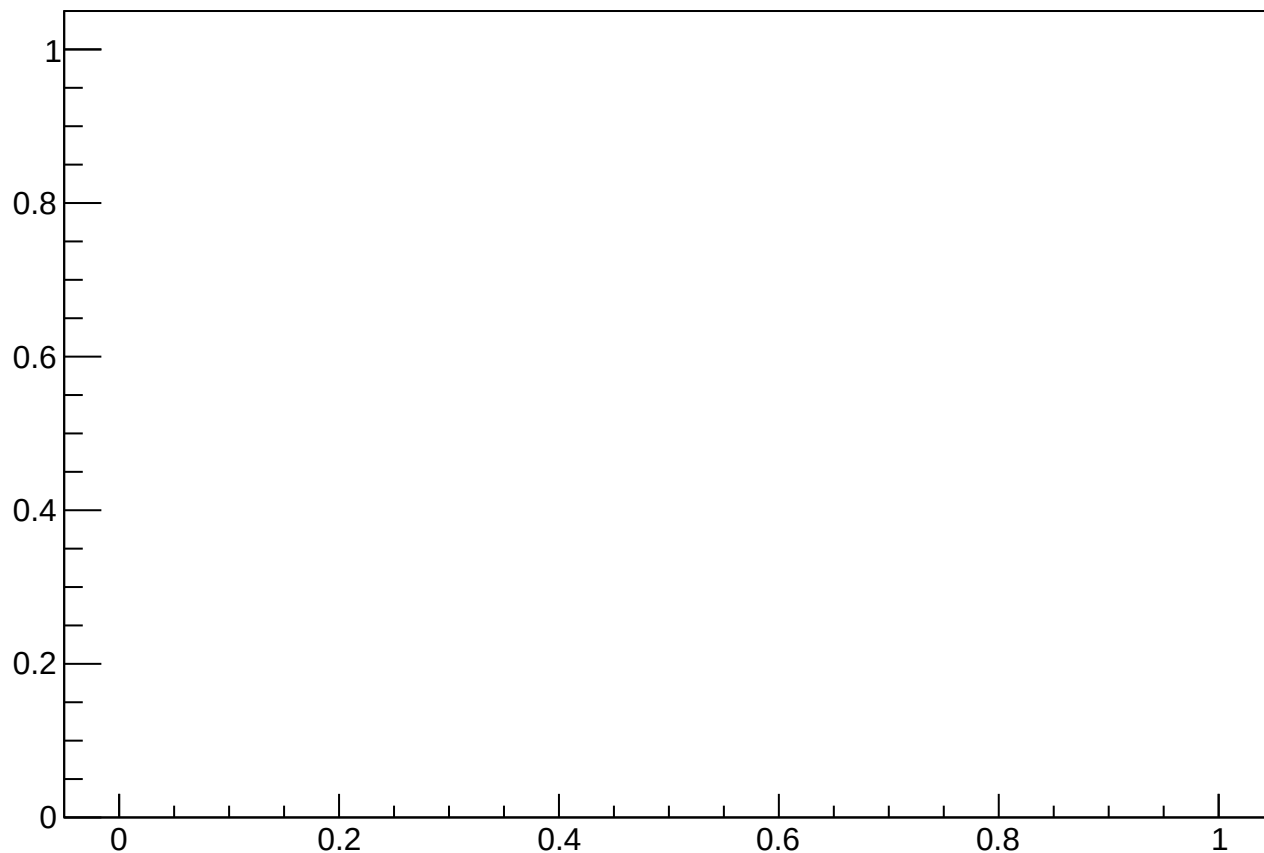
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

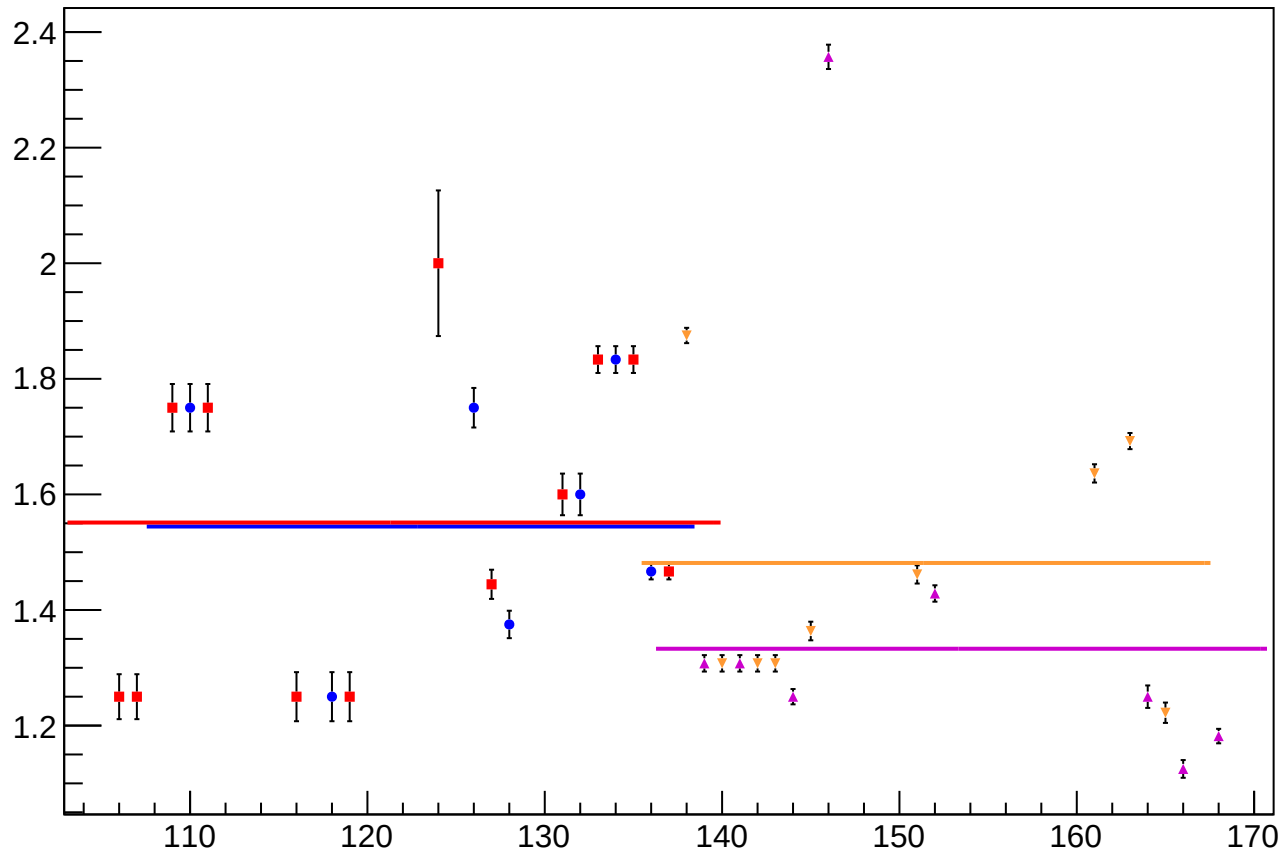
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.333 $\pm$ 0.005 χ^2/NDF :2803.3/7

Left: 1.412 $\pm$ 0.004 χ^2/NDF : 5151.9/16

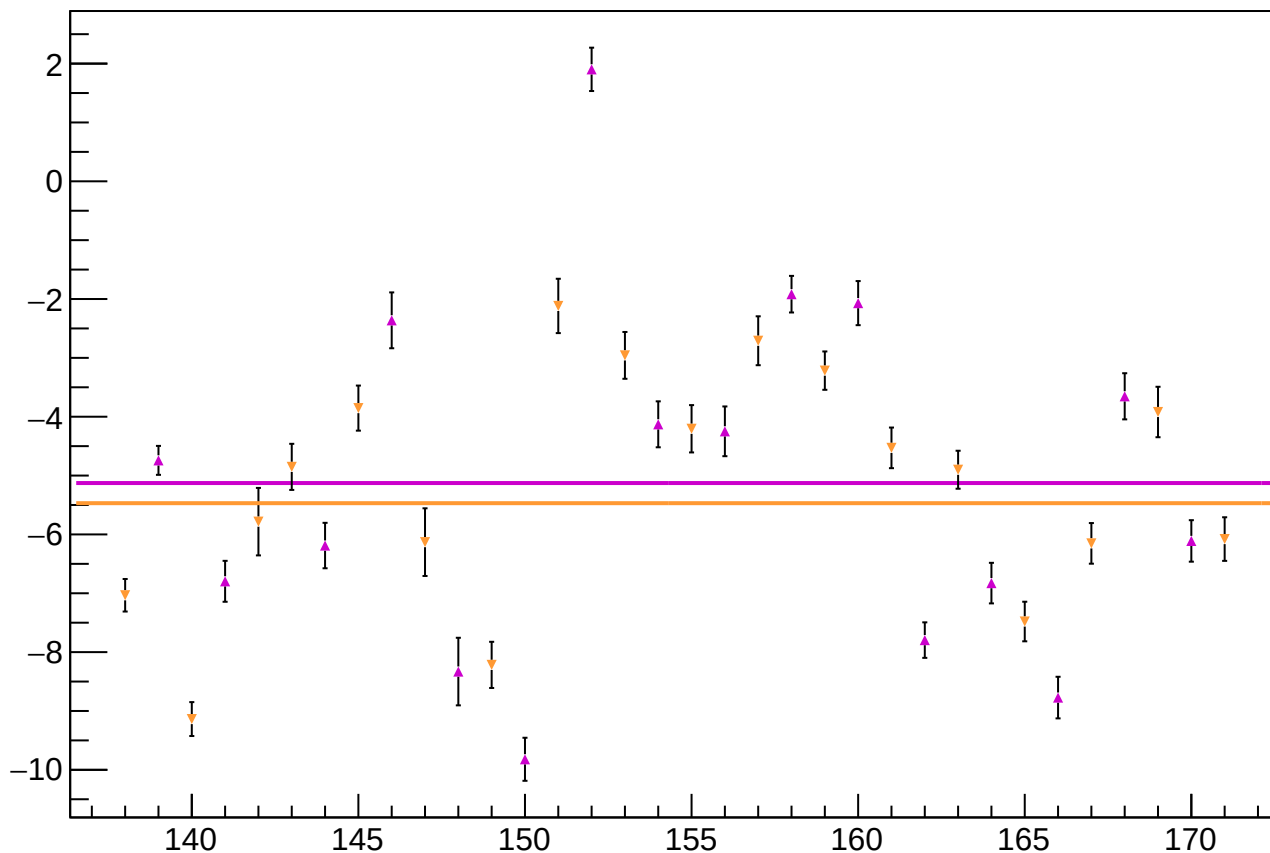
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.385 $\pm$ 0.005 χ^2/NDF :3548.4/14

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.7/35

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -5.469+/-0.087 χ^2/NDF :525.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.127+/-0.089 χ^2/NDF :1041.8/15

Left: -5.302+/-0.062 χ^2/NDF : 1574.7/33

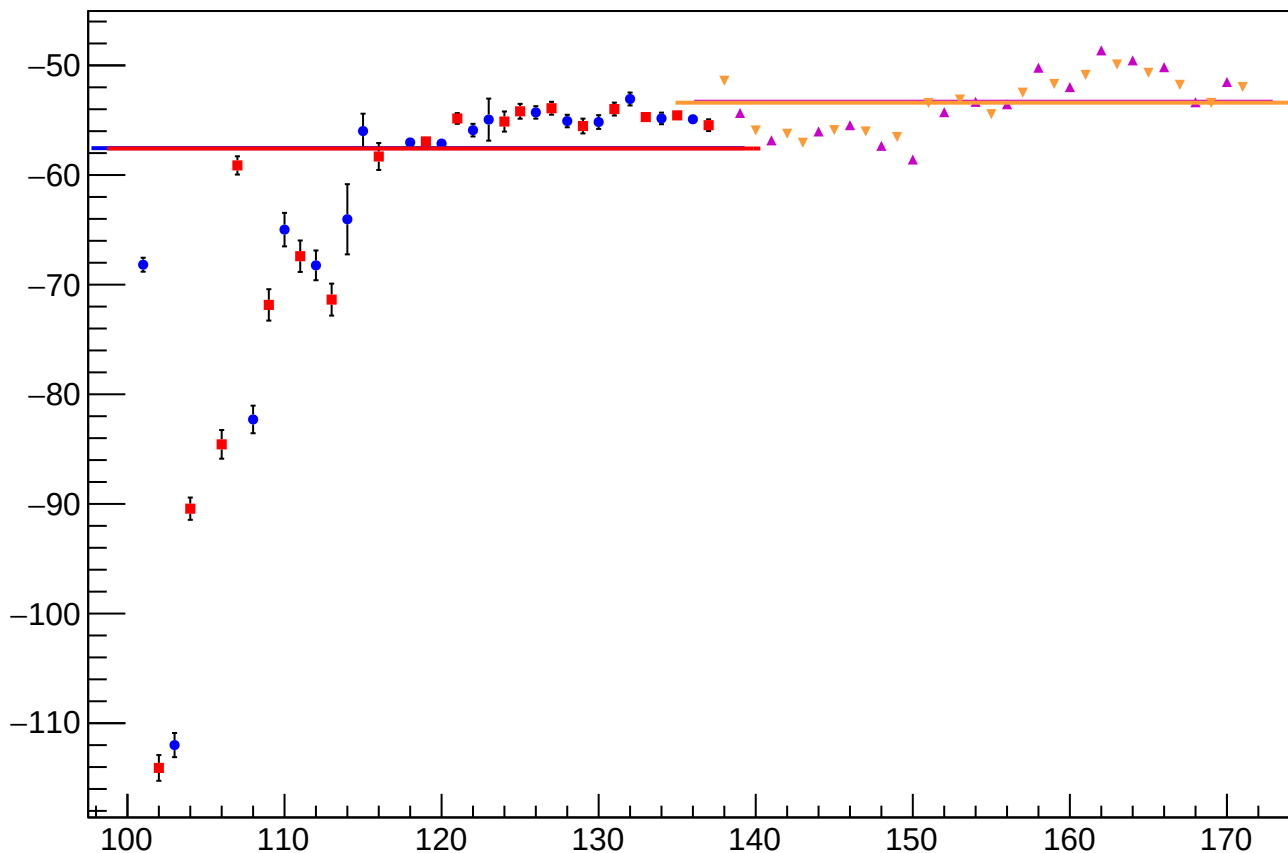
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.127+/-0.089 χ^2/NDF :1041.8/15

Out: -5.469+/-0.087 χ^2/NDF :525.4/17

All: -5.302+/-0.062 χ^2/NDF : 1574.7/33

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.401 ± 0.065 χ^2/NDF : 1221.1/17

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -53.312 ± 0.069 χ^2/NDF : 1921.9/15

Left: -53.359 ± 0.047 χ^2/NDF : 3143.8/33

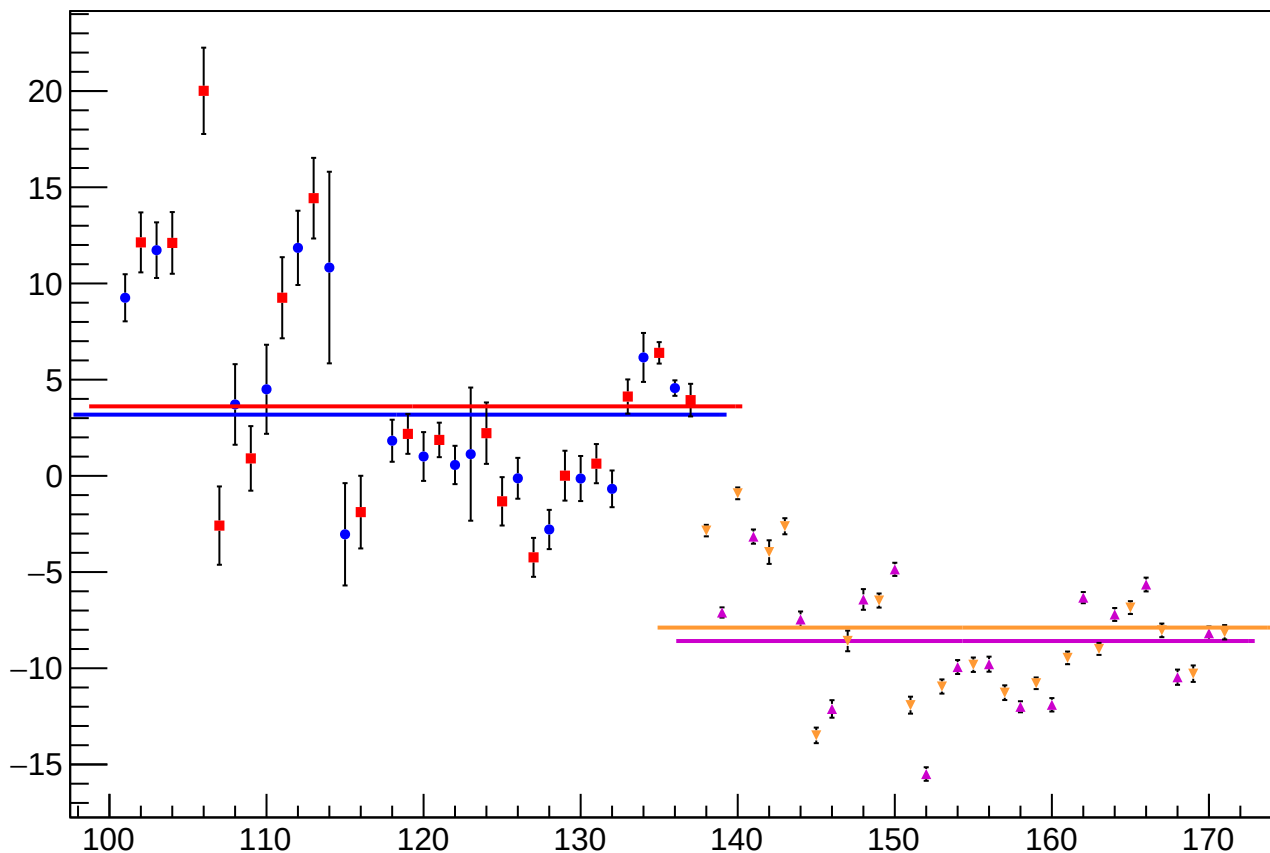
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -54.123 ± 0.062 χ^2/NDF : 6106.3/32

Out: -54.123 ± 0.059 χ^2/NDF : 6272.3/35

All: -54.123 ± 0.043 χ^2/NDF : 12378.6/68

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.886 ± 0.087 $\chi^2/\text{NDF}: 1632.6/17$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.584 ± 0.088 $\chi^2/\text{NDF}: 1256.5/15$

Left: -8.230 ± 0.062 $\chi^2/\text{NDF}: 2921.2/33$

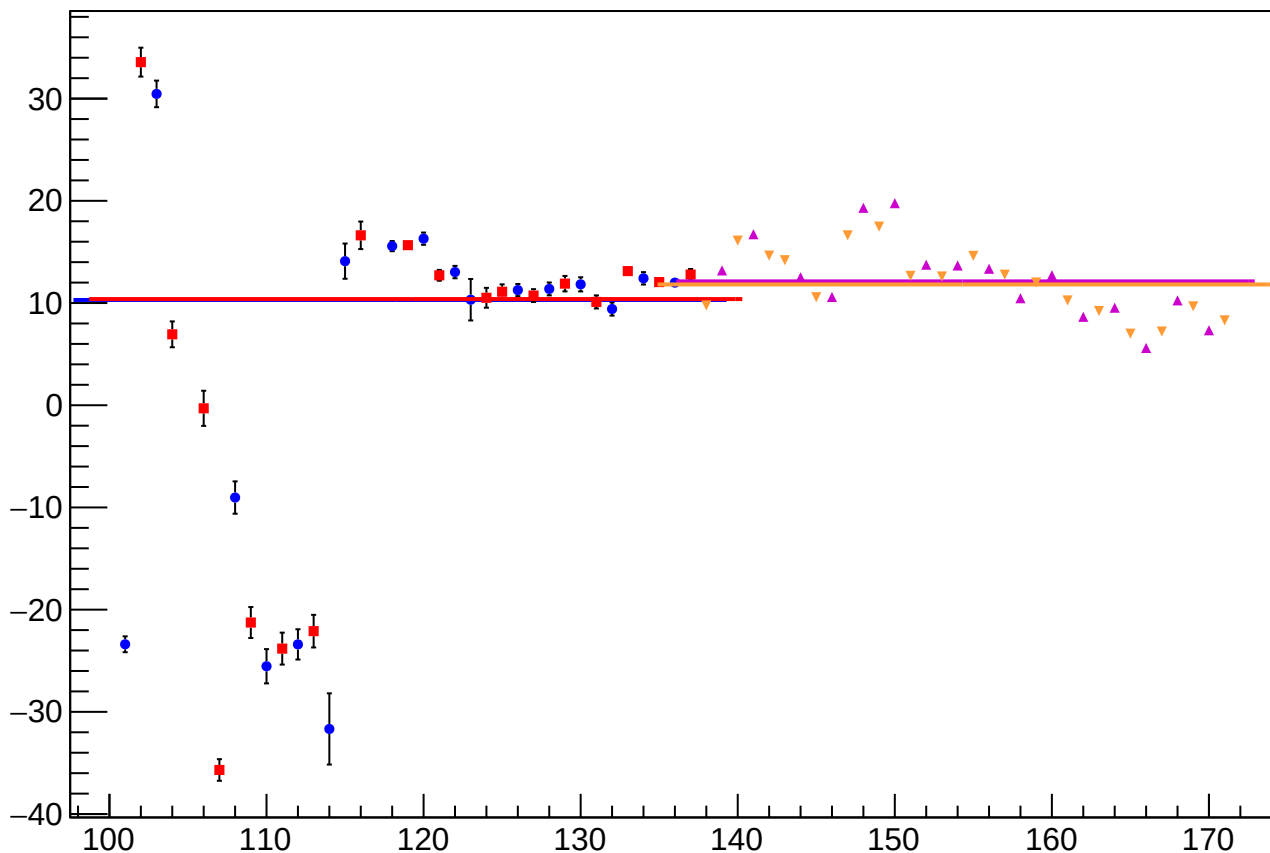
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -7.361 ± 0.083 $\chi^2/\text{NDF}: 3305.2/32$

Out: -6.800 ± 0.082 $\chi^2/\text{NDF}: 3590.3/35$

All: -7.077 ± 0.059 $\chi^2/\text{NDF}: 6918.4/68$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.818+/-0.074 χ^2/NDF :1699.4/17

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 12.119+/-0.077 χ^2/NDF :2342.1/15

Left: 11.962+/-0.054 χ^2/NDF : 4049.5/33

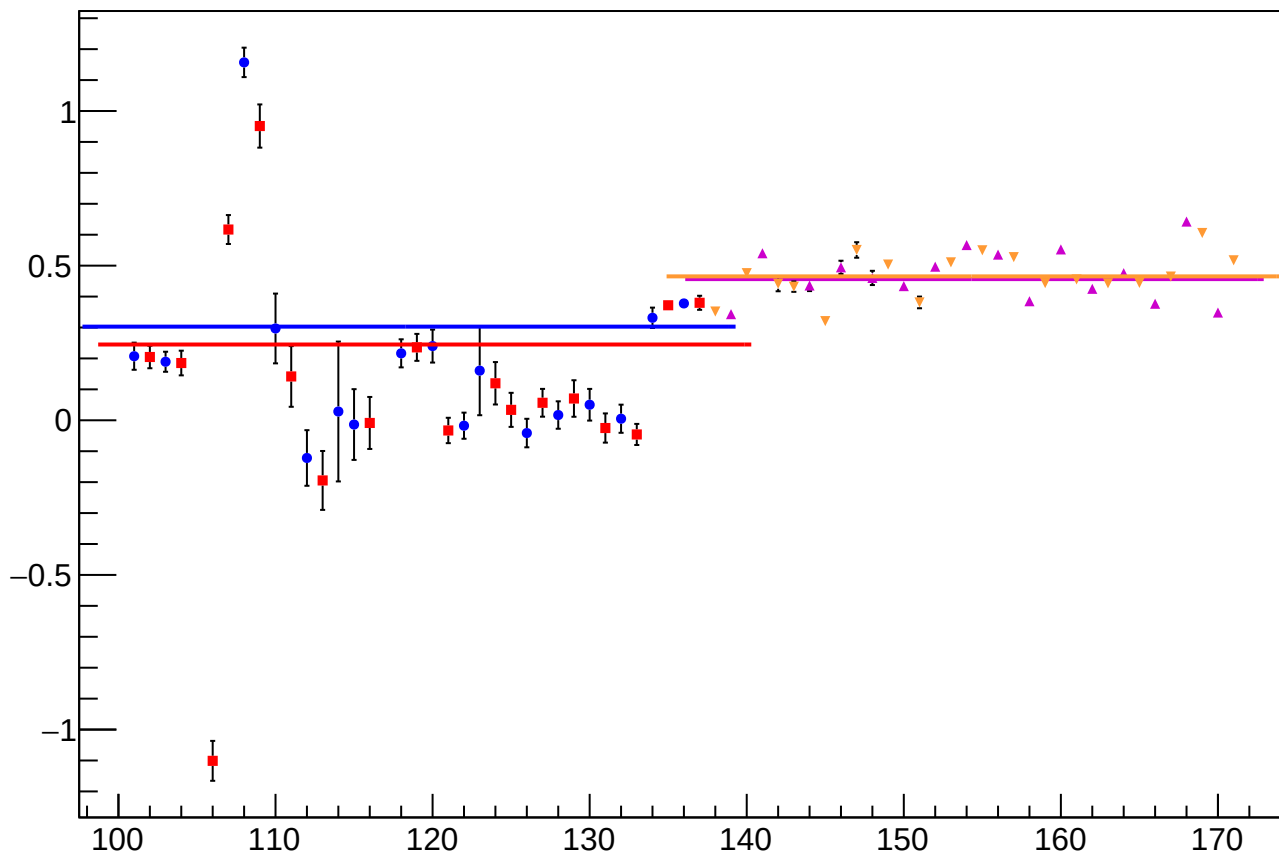
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.763+/-0.069 χ^2/NDF :6149.4/32

Out: 11.565+/-0.067 χ^2/NDF :5551.6/35

All: 11.661+/-0.048 χ^2/NDF : 11705.2/68

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.465 ± 0.003 χ^2/NDF : 404.9/17

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.456 ± 0.003 χ^2/NDF : 668.6/15

Left: 0.461 ± 0.002 χ^2/NDF : 1076.9/33

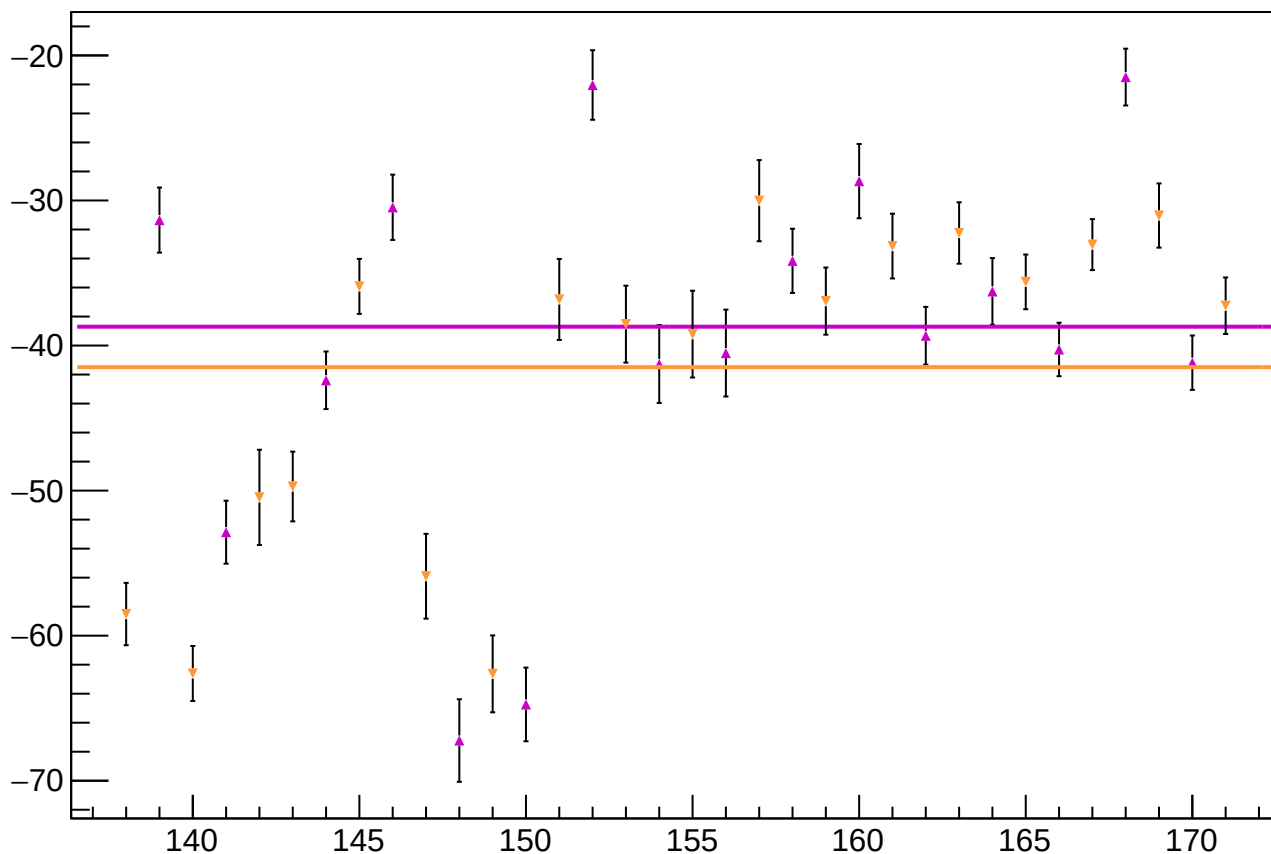
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.434 ± 0.003 χ^2/NDF : 1616.3/32

Out: 0.436 ± 0.003 χ^2/NDF : 1939.4/35

All: 0.435 ± 0.002 χ^2/NDF : 3555.9/68

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.489+/-0.535 χ^2/NDF :420.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.700+/-0.559 χ^2/NDF :425.9/15

Left: -40.154+/-0.386 χ^2/NDF : 859.8/33

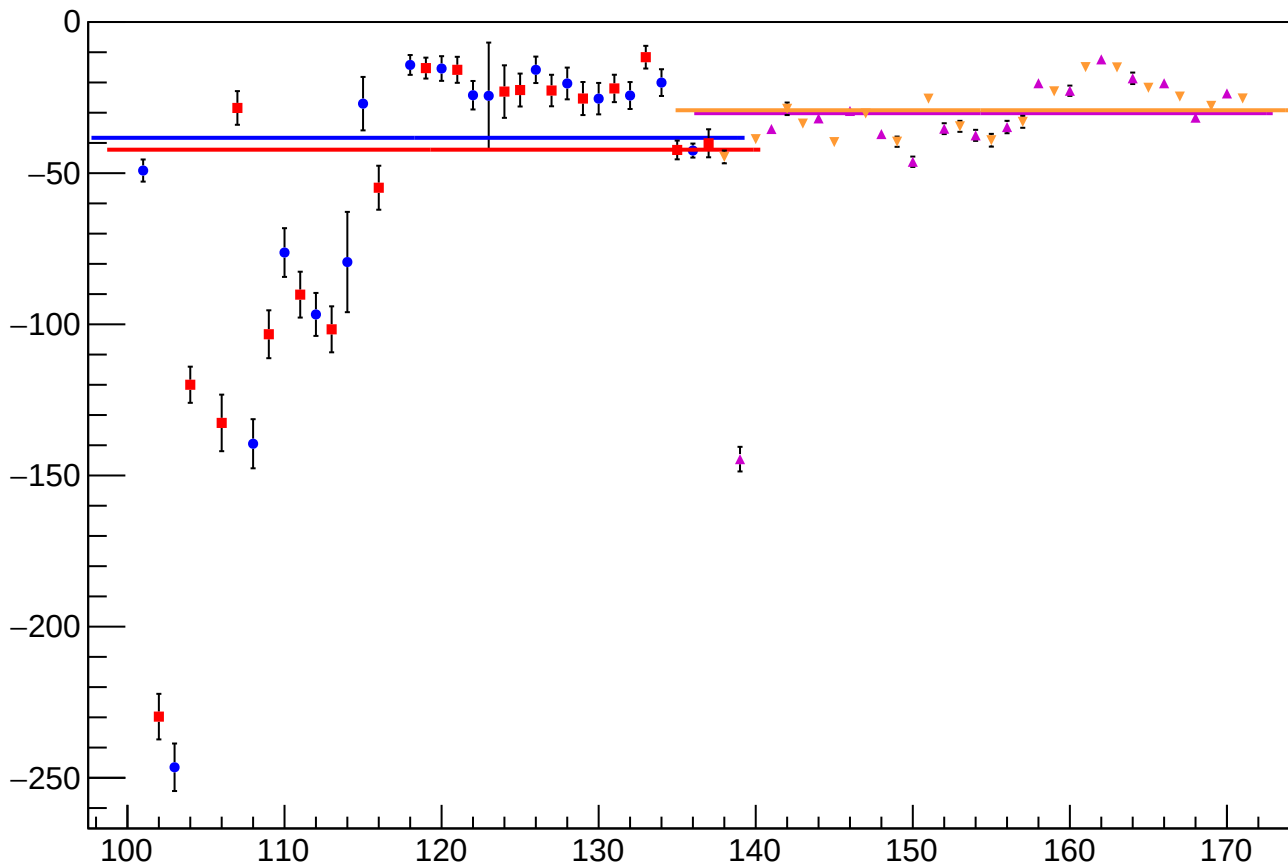
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.700+/-0.559 χ^2/NDF :425.9/15

Out: -41.489+/-0.535 χ^2/NDF :420.9/17

All: -40.154+/-0.386 χ^2/NDF : 859.8/33

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -29.189 ± 0.390 χ^2/NDF : 439.4/17

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -30.155 ± 0.412 χ^2/NDF : 1227.2/15

Left: -29.646 ± 0.283 χ^2/NDF : 1669.6/33

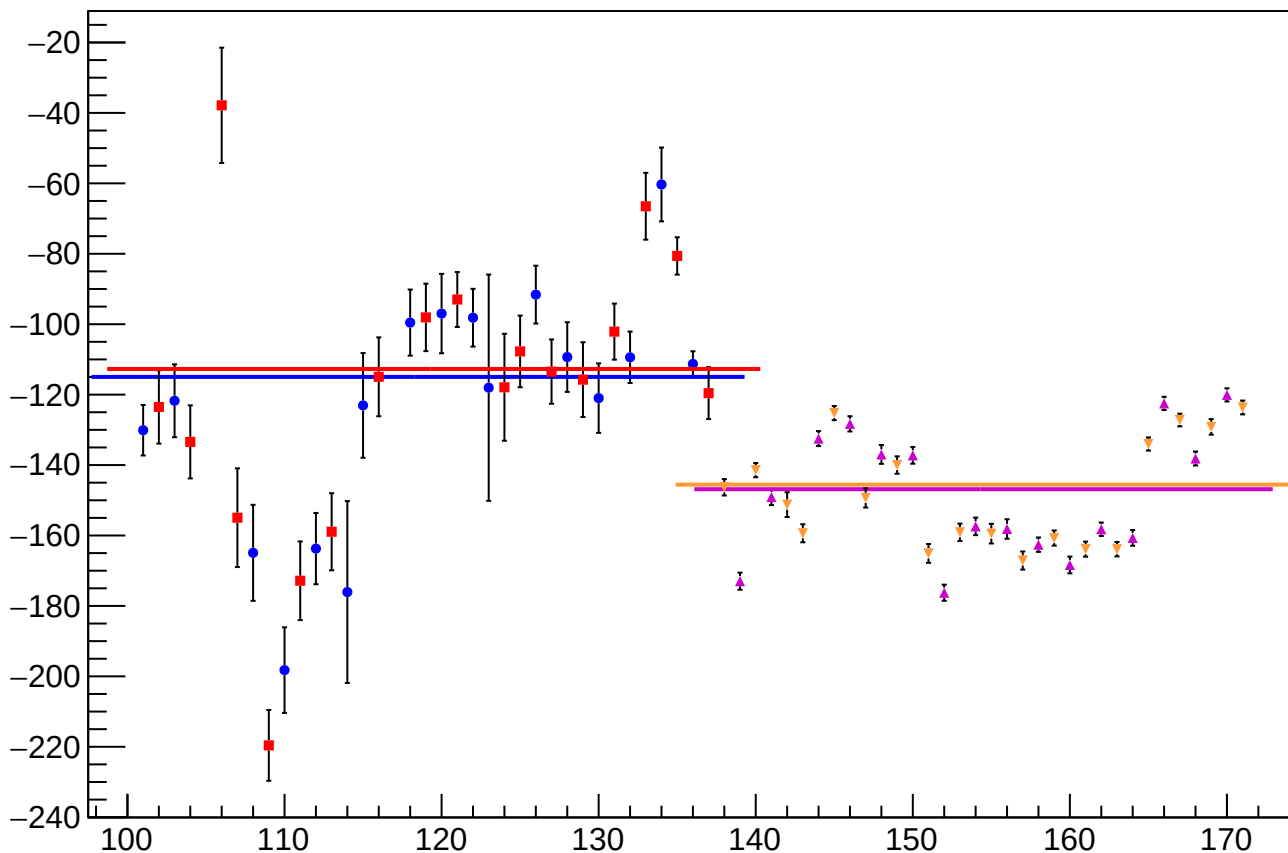
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -31.099 ± 0.387 χ^2/NDF : 2405.3/32

Out: -30.419 ± 0.371 χ^2/NDF : 1822.9/35

All: -30.744 ± 0.268 χ^2/NDF : 4229.8/68

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: -145.555 ± 0.533 $\chi^2/\text{NDF}: 849.2/17$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -146.857 ± 0.550 $\chi^2/\text{NDF}: 1072.0/15$

Left: -146.185 ± 0.383 $\chi^2/\text{NDF}: 1924.1/33$

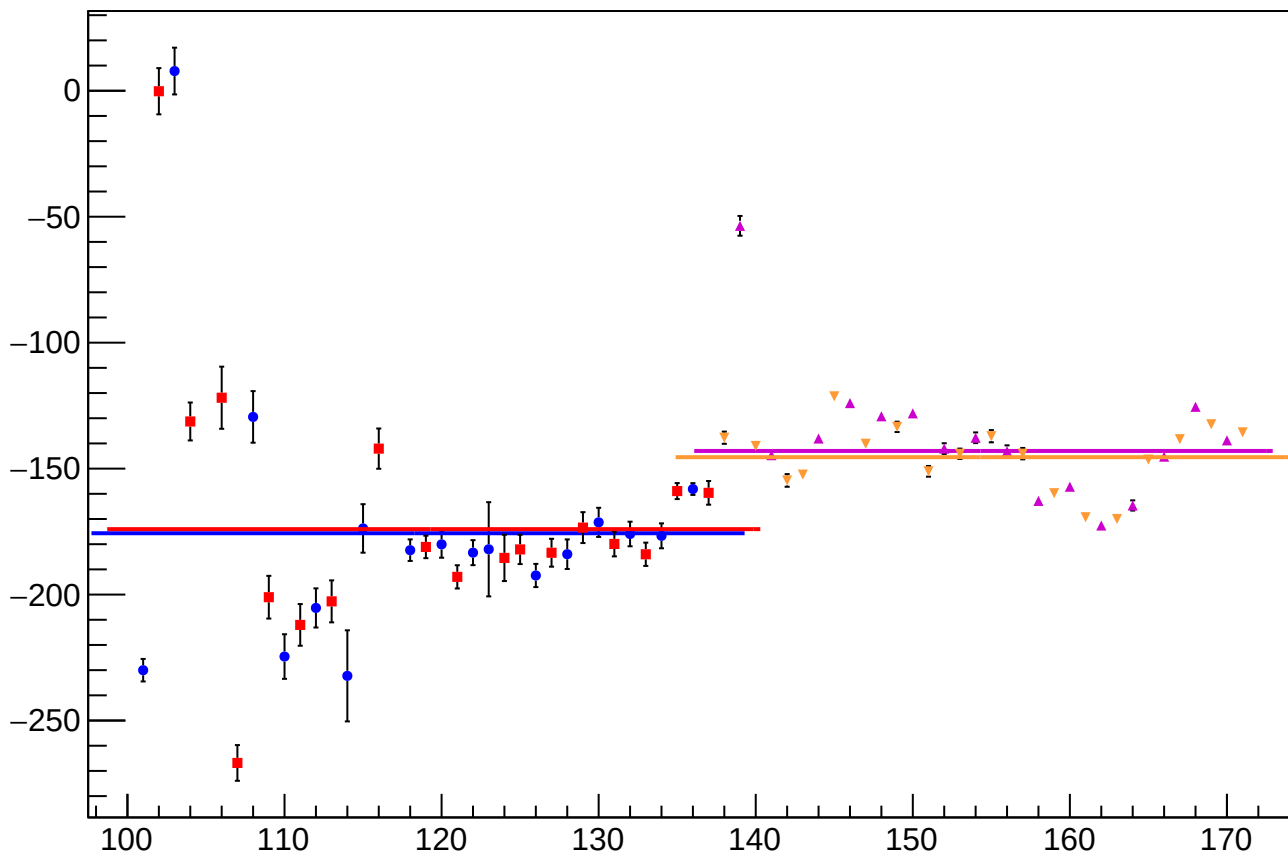
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -144.762 ± 0.532 $\chi^2/\text{NDF}: 1434.1/32$

Out: -143.753 ± 0.518 $\chi^2/\text{NDF}: 1325.0/35$

All: -144.244 ± 0.371 $\chi^2/\text{NDF}: 2761.0/68$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.460 ± 0.448 χ^2/NDF : 888.4/17

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.988 ± 0.472 χ^2/NDF : 1497.9/15

Left: -144.288 ± 0.325 χ^2/NDF : 2400.8/33

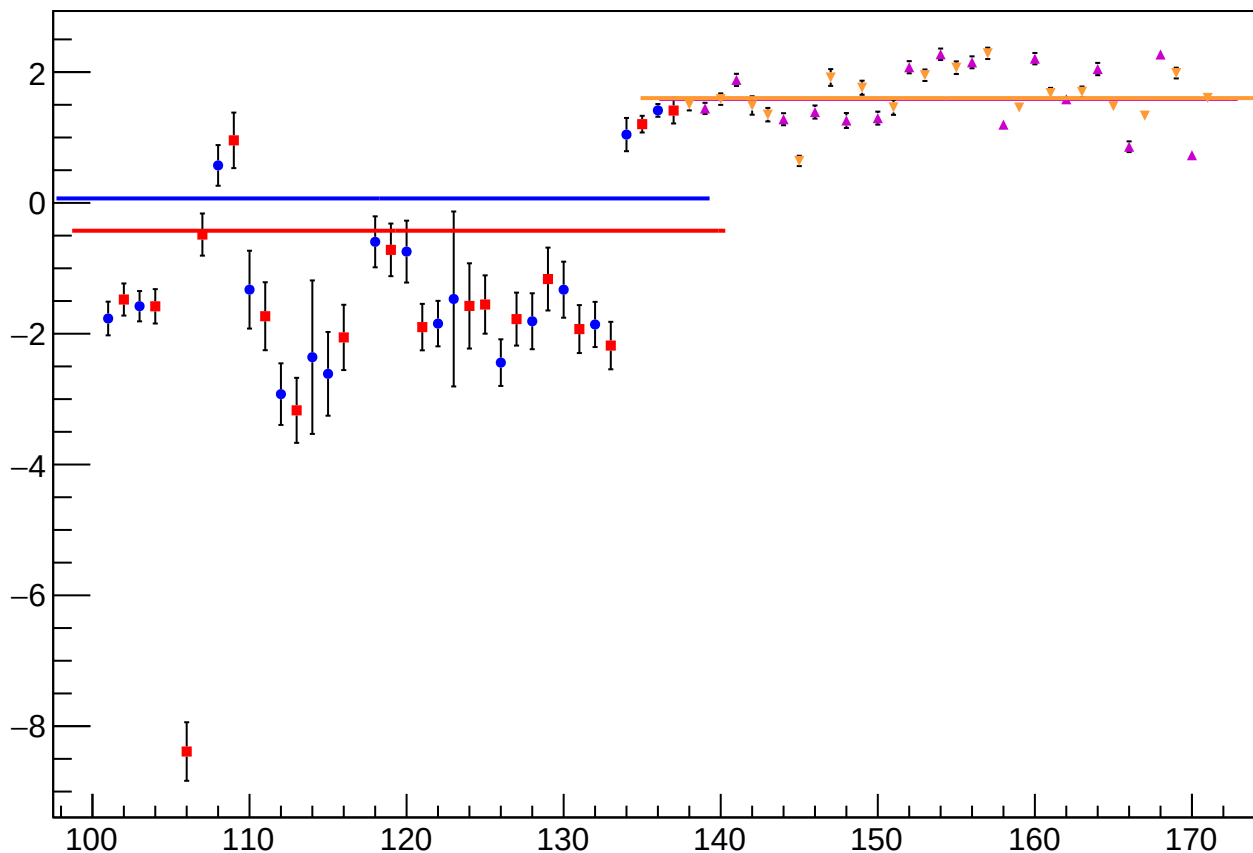
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -146.950 ± 0.442 χ^2/NDF : 2772.0/32

Out: -148.271 ± 0.425 χ^2/NDF : 1992.5/35

All: -147.636 ± 0.306 χ^2/NDF : 4769.2/68

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.602 $\pm$ 0.021 χ^2 /NDF:309.8/17

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.590 $\pm$ 0.022 χ^2 /NDF:591.2/15

Left: 1.596 $\pm$ 0.015 χ^2 /NDF: 901.2/33

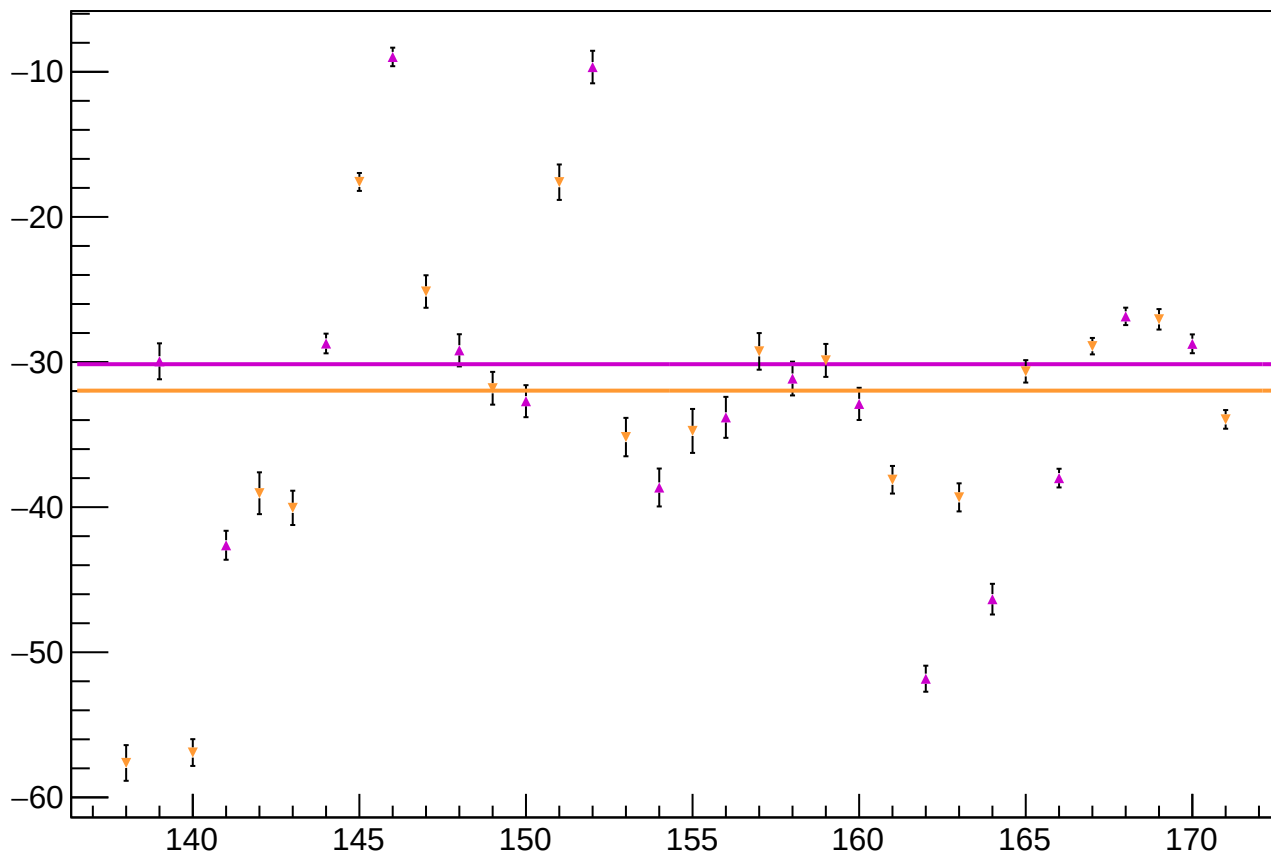
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.447 $\pm$ 0.021 χ^2 /NDF:1584.4/32

Out: 1.445 $\pm$ 0.020 χ^2 /NDF:1799.6/35

All: 1.446 $\pm$ 0.014 χ^2 /NDF: 3384.0/68

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.970 ± 0.215 $\chi^2/\text{NDF}: 2162.5/17$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$

Left: -31.073 ± 0.153 $\chi^2/\text{NDF}: 4855.0/33$

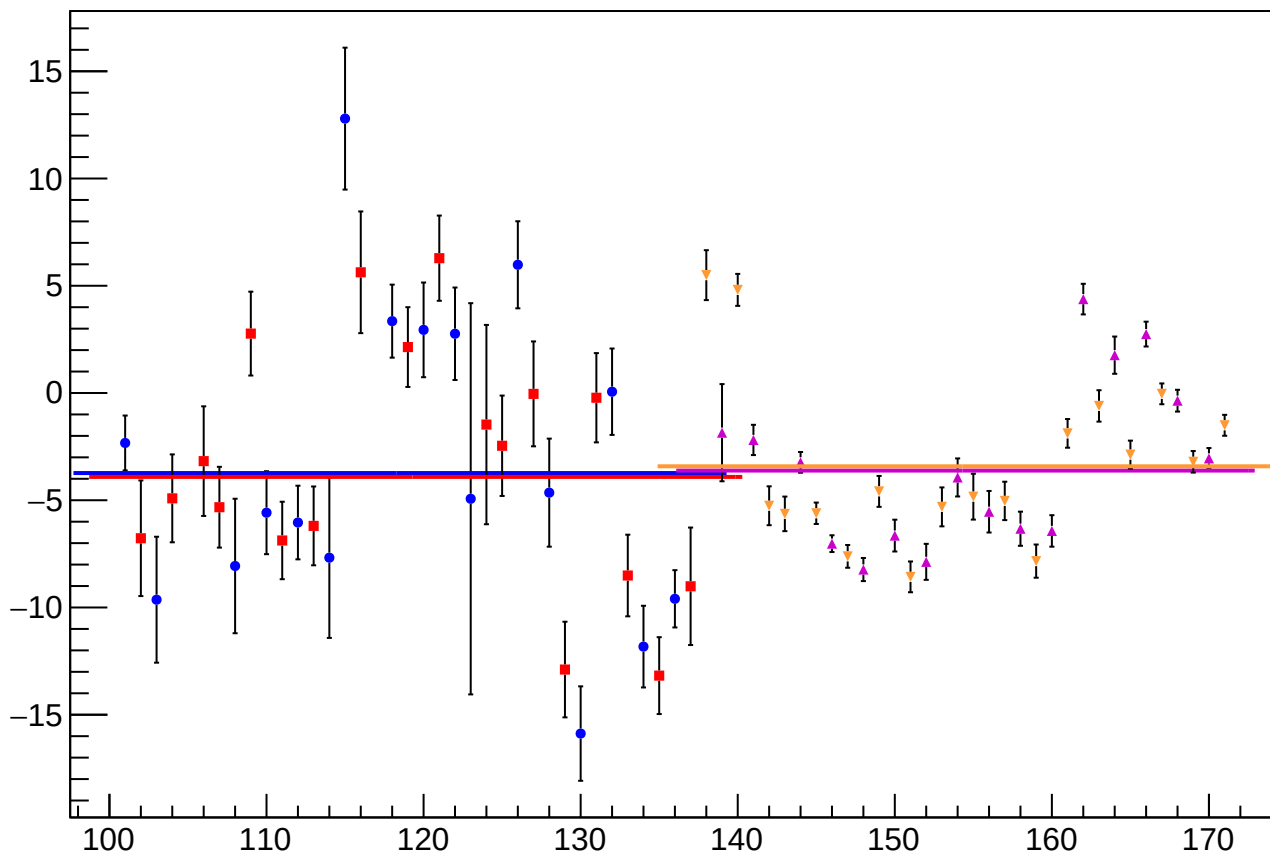
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.149 ± 0.218 $\chi^2/\text{NDF}: 2657.0/15$

Out: -31.970 ± 0.215 $\chi^2/\text{NDF}: 2162.5/17$

All: -31.073 ± 0.153 $\chi^2/\text{NDF}: 4855.0/33$

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.417 ± 0.157 $\chi^2/\text{NDF}: 455.1/17$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -3.616 ± 0.158 $\chi^2/\text{NDF}: 554.7/15$

Left: -3.516 ± 0.111 $\chi^2/\text{NDF}: 1010.6/33$

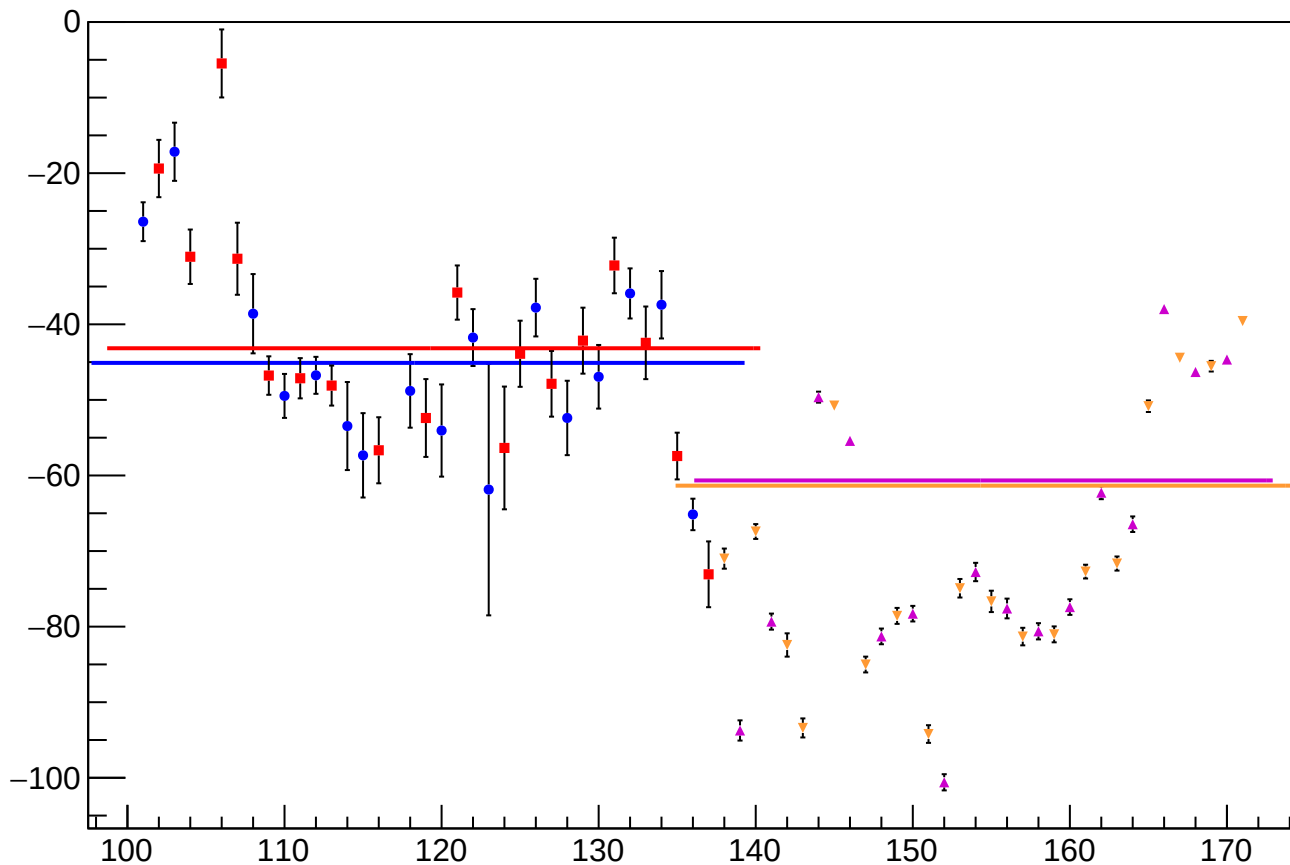
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.627 ± 0.151 $\chi^2/\text{NDF}: 720.6/32$

Out: -3.460 ± 0.150 $\chi^2/\text{NDF}: 580.7/35$

All: -3.543 ± 0.106 $\chi^2/\text{NDF}: 1301.9/68$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -61.347 ± 0.214 χ^2/NDF : 6590.9/17

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -60.656 ± 0.216 χ^2/NDF : 6570.3/15

Left: -61.004 ± 0.152 χ^2/NDF : 13166.4/33

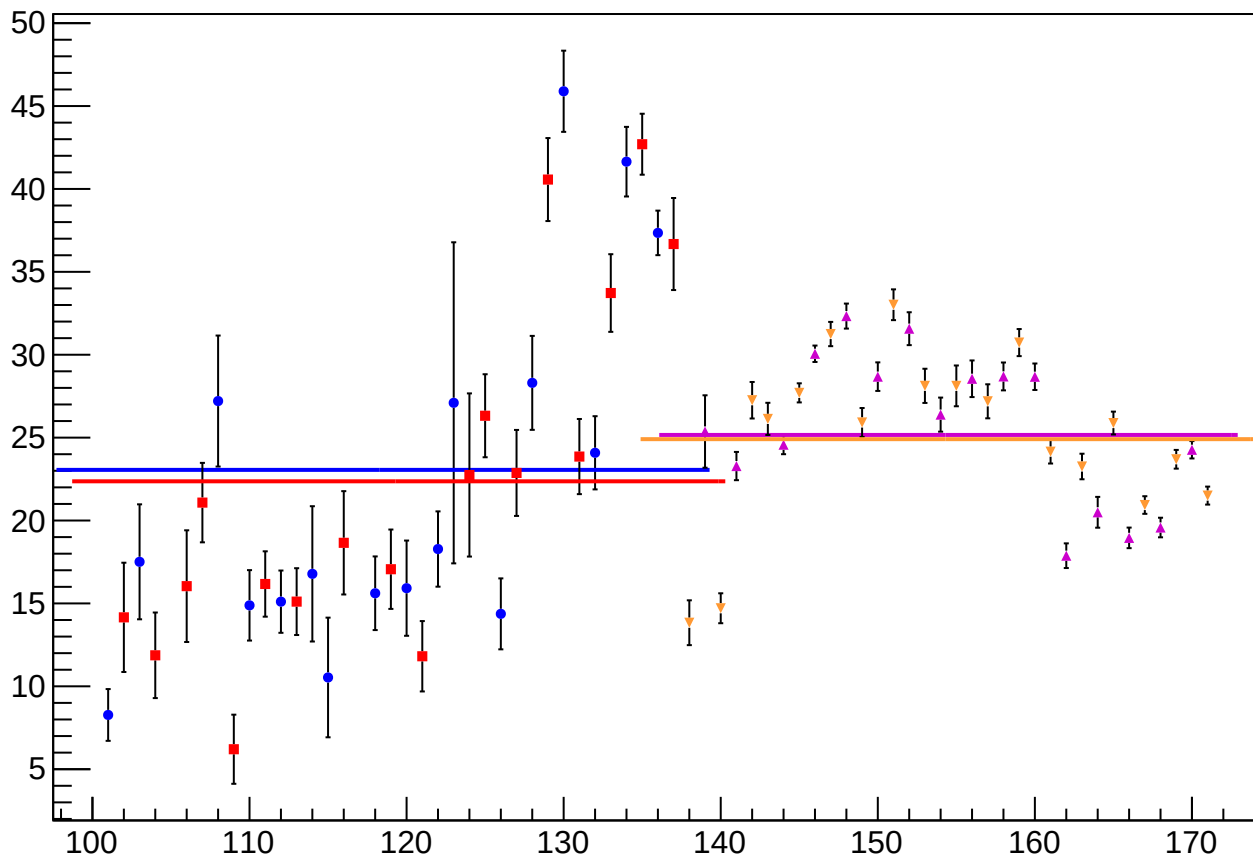
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -59.779 ± 0.210 χ^2/NDF : 7094.0/32

Out: -60.326 ± 0.208 χ^2/NDF : 7227.4/35

All: -60.054 ± 0.148 χ^2/NDF : 14324.9/68

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 24.908 $\pm$ 0.180 χ^2 /NDF:557.1/17

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 25.162 $\pm$ 0.184 χ^2 /NDF:613.8/15

Left: 25.032 $\pm$ 0.129 χ^2 /NDF: 1171.8/33

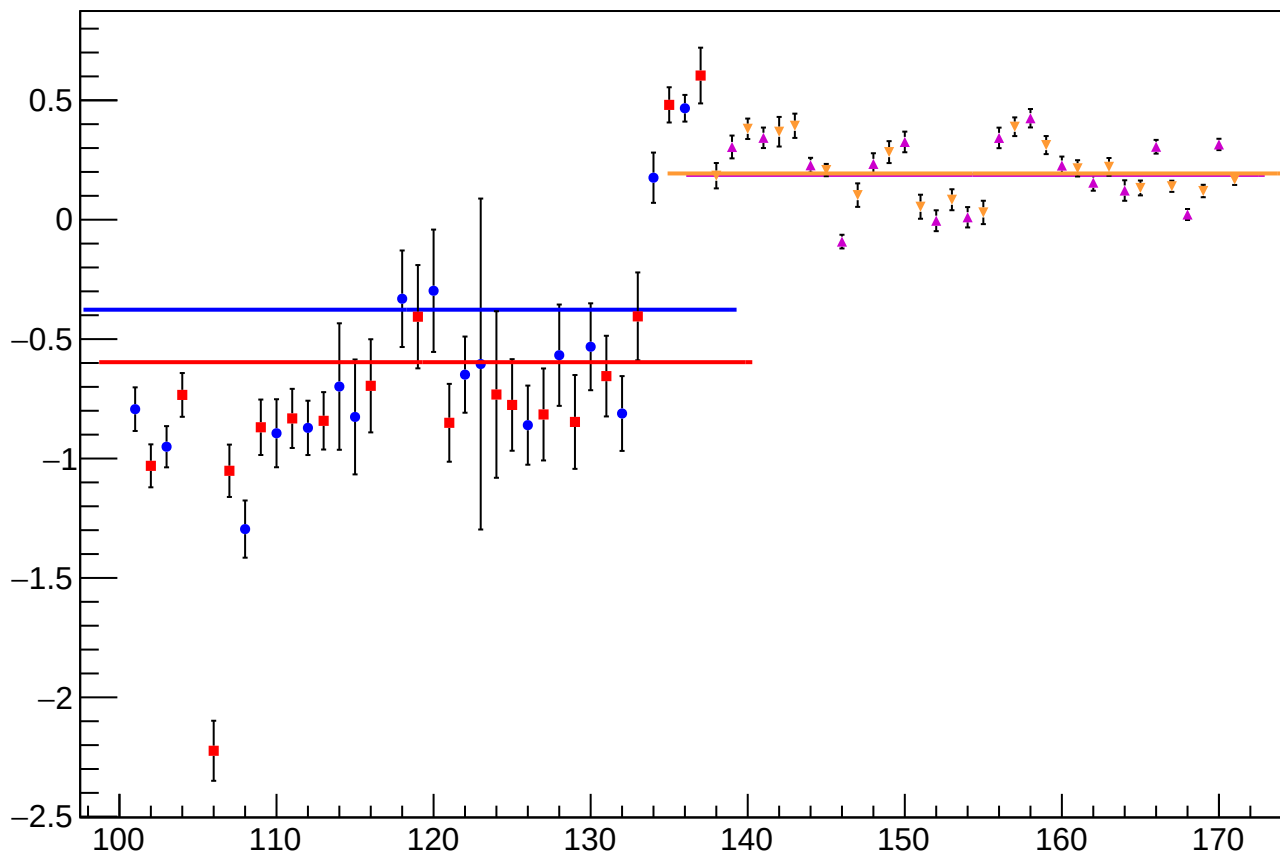
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 24.956 $\pm$ 0.174 χ^2 /NDF:1087.8/32

Out: 24.679 $\pm$ 0.172 χ^2 /NDF:943.8/35

All: 24.815 $\pm$ 0.122 χ^2 /NDF: 2032.9/68

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.194 ± 0.008 χ^2/NDF : 129.1/17

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.188 ± 0.009 χ^2/NDF : 316.1/15

Left: 0.191 ± 0.006 χ^2/NDF : 445.5/33

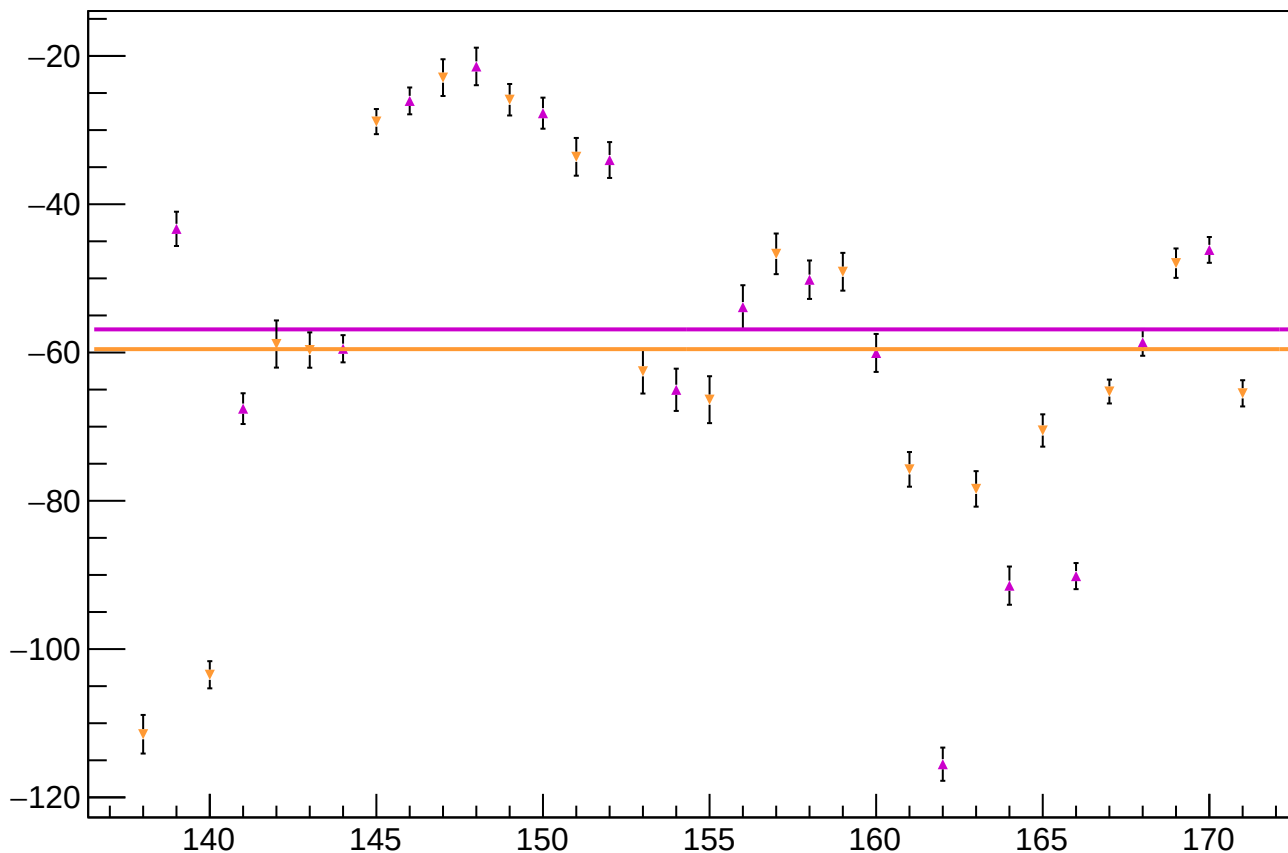
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.145 ± 0.008 χ^2/NDF : 1078.5/32

Out: 0.138 ± 0.008 χ^2/NDF : 1315.1/35

All: 0.141 ± 0.006 χ^2/NDF : 2393.9/68

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



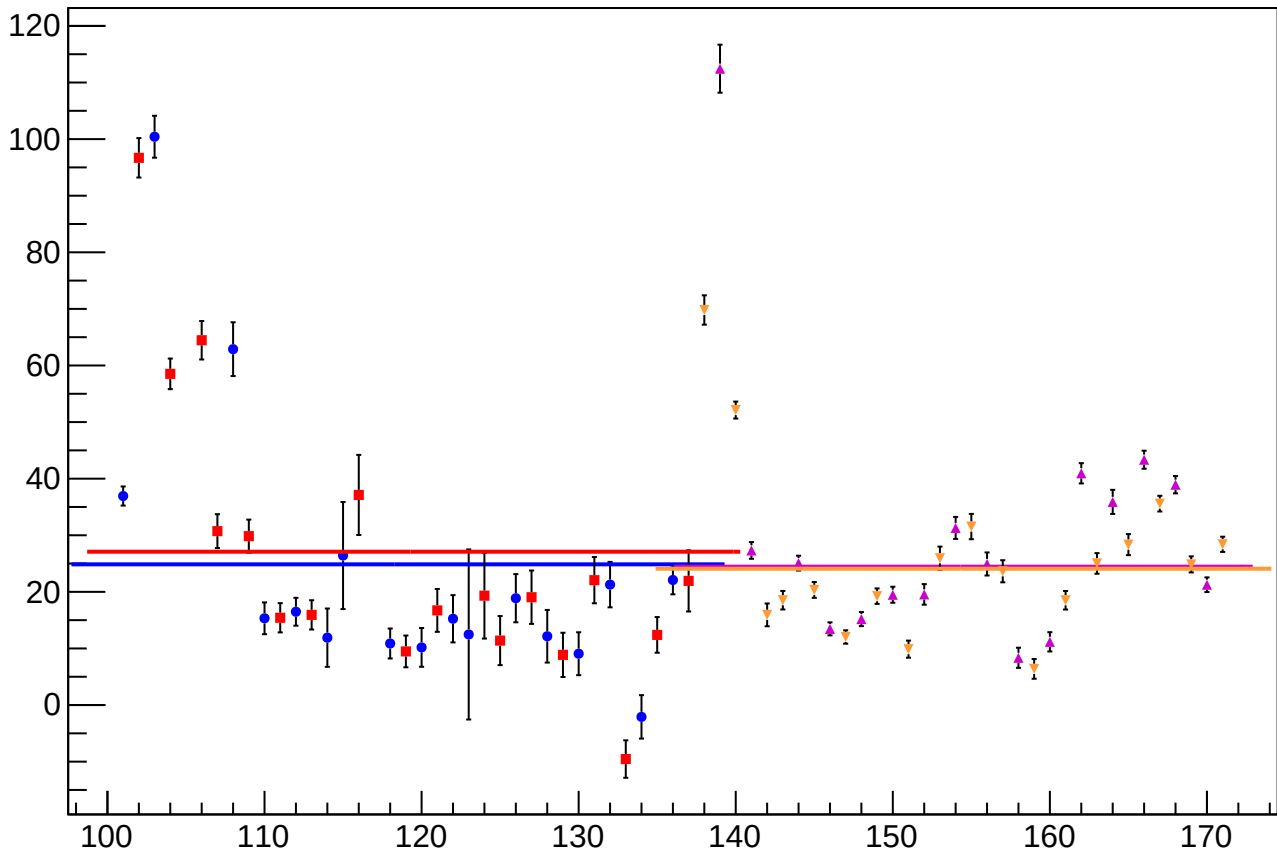
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -59.545+/-0.525 χ^2/NDF :2111.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.880+/-0.540 χ^2/NDF :2110.5/15

Left: -58.252+/-0.376 χ^2/NDF : 4234.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.880+/-0.540 χ^2/NDF :2110.5/15
 Out: -59.545+/-0.525 χ^2/NDF :2111.0/17

All: -58.252+/-0.376 χ^2/NDF : 4234.1/33

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 24.089 ± 0.379 χ^2/NDF : 1111.9/17

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 24.449 ± 0.395 χ^2/NDF : 1105.6/15

Left: 24.262 ± 0.273 χ^2/NDF : 2218.0/33

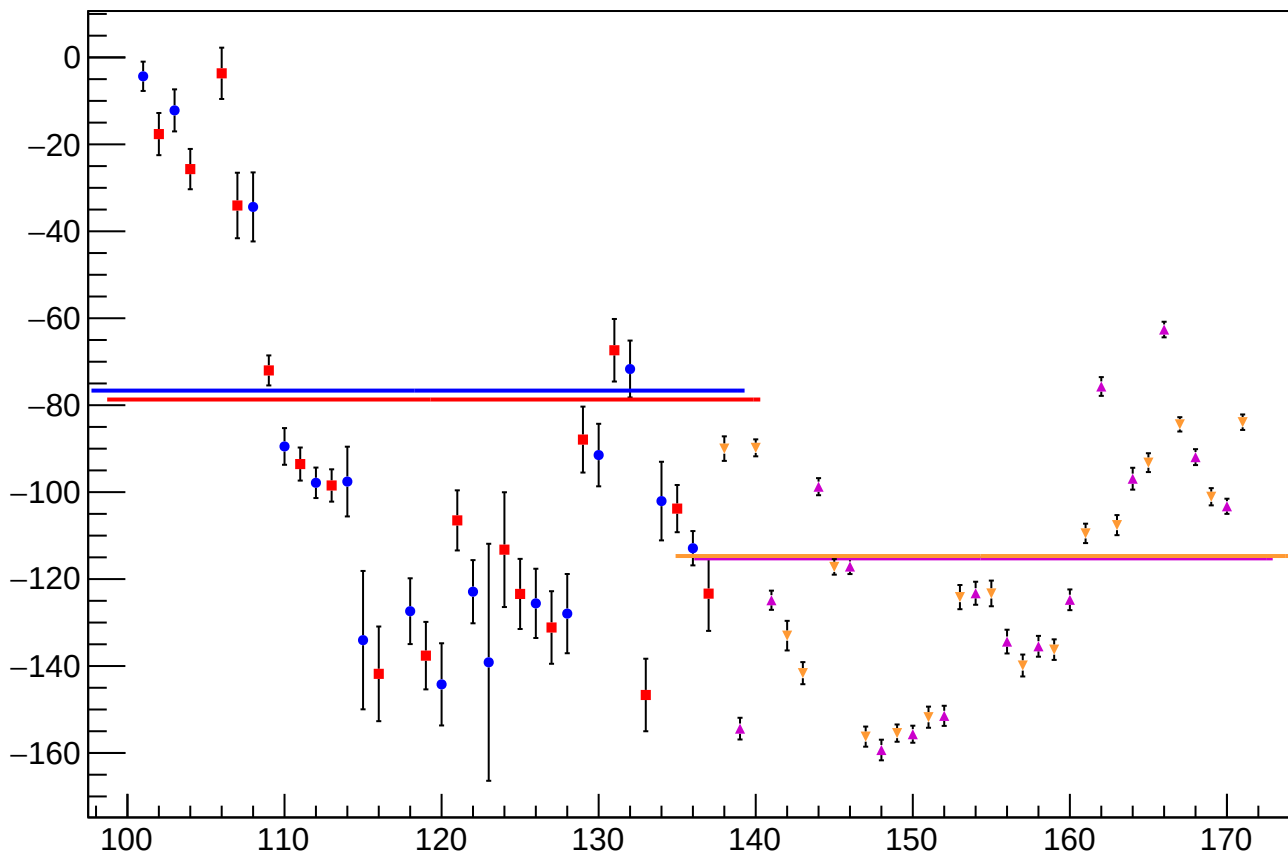
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 24.530 ± 0.354 χ^2/NDF : 1796.9/32

Out: 24.626 ± 0.343 χ^2/NDF : 2054.1/35

All: 24.579 ± 0.247 χ^2/NDF : 3851.0/68

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -114.695 ± 0.522 $\chi^2/\text{NDF}: 2357.6/17$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -115.239 ± 0.533 $\chi^2/\text{NDF}: 2957.3/15$

Left: -114.962 ± 0.373 $\chi^2/\text{NDF}: 5315.4/33$

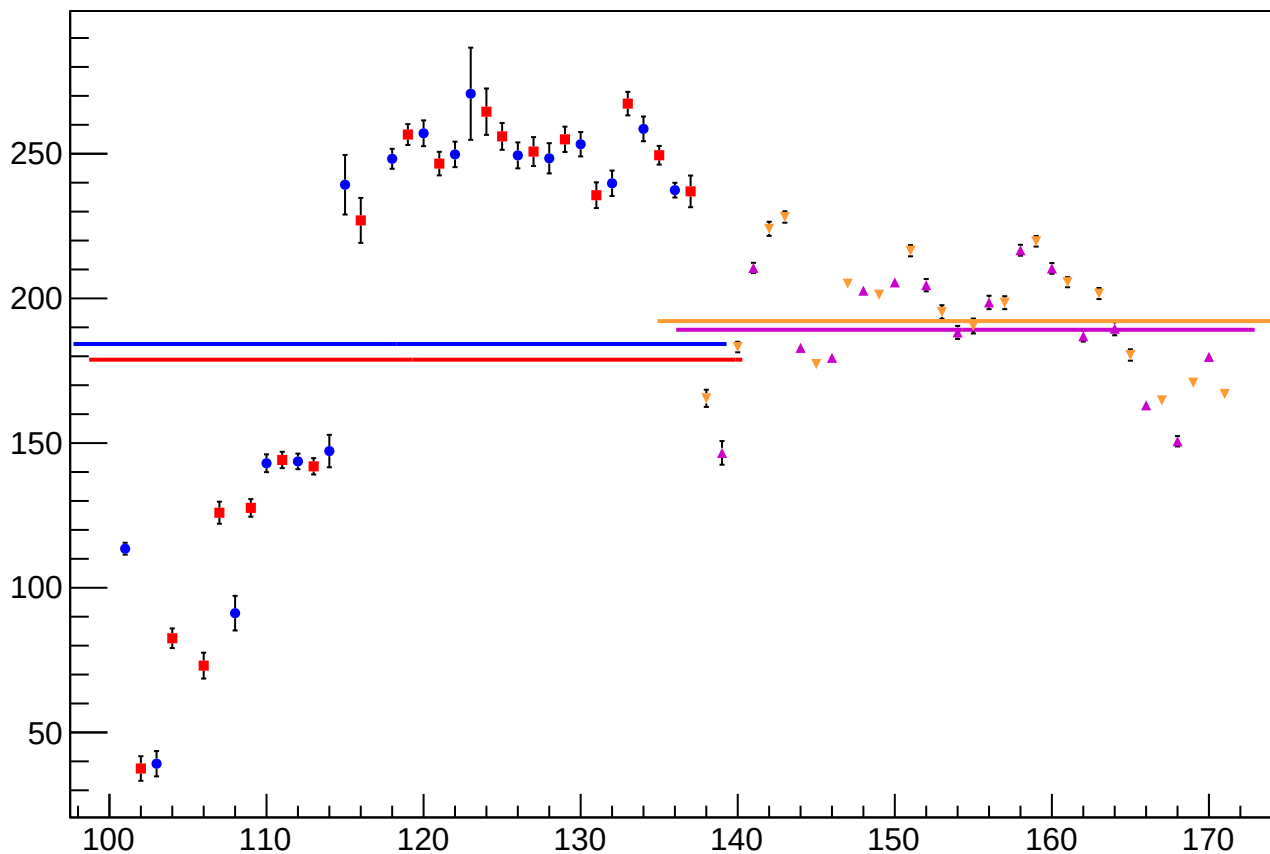
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -110.440 ± 0.499 $\chi^2/\text{NDF}: 4649.8/32$

Out: -110.071 ± 0.487 $\chi^2/\text{NDF}: 3804.8/35$

All: -110.251 ± 0.349 $\chi^2/\text{NDF}: 8454.9/68$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 192.171 $\pm$ 0.438 χ^2 /NDF:2094.5/17

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 189.162 $\pm$ 0.456 χ^2 /NDF:1638.9/15

Left: 190.728 $\pm$ 0.316 χ^2 /NDF: 3756.0/33

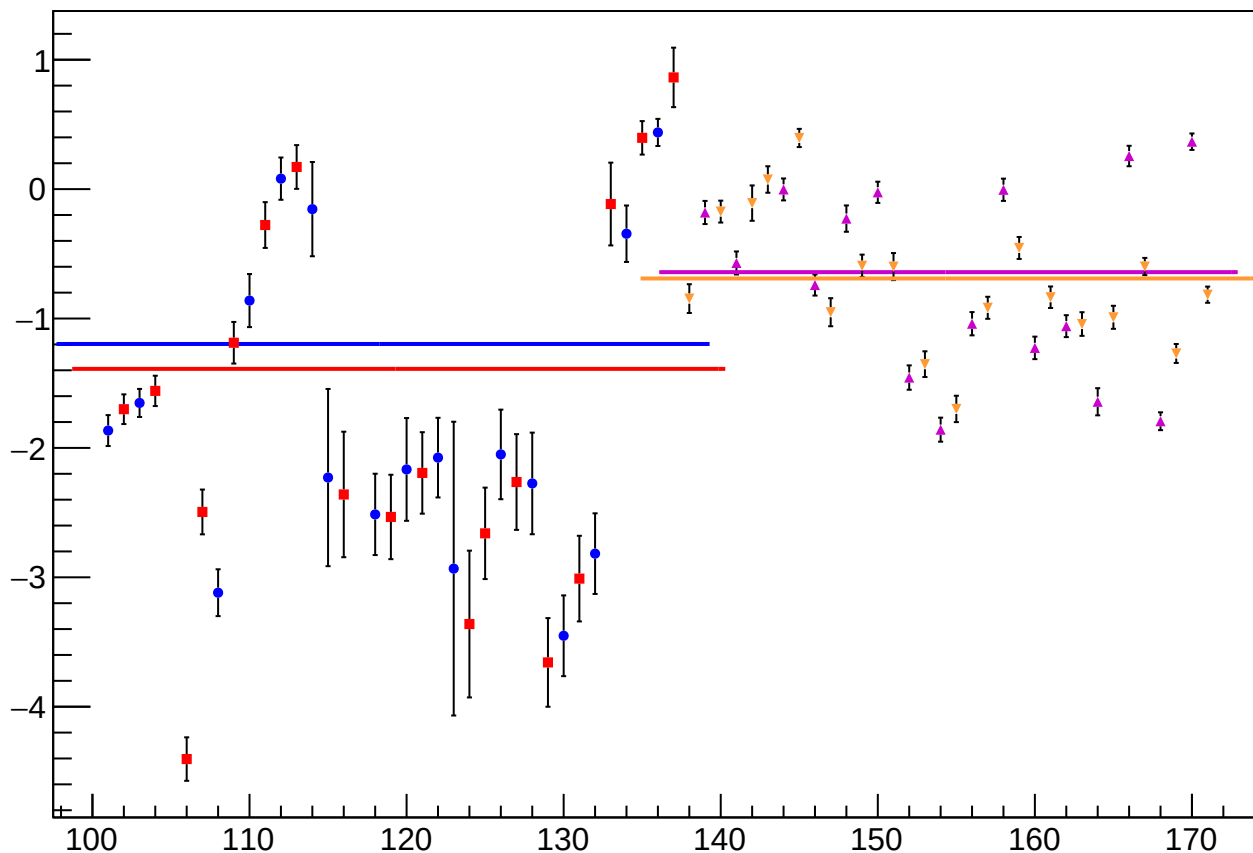
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 188.184 $\pm$ 0.408 χ^2 /NDF:7050.6/32

Out: 189.730 $\pm$ 0.396 χ^2 /NDF:8435.3/35

All: 188.981 $\pm$ 0.284 χ^2 /NDF: 15493.3/68

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 $\chi^2/\text{NDF}: 621.5/16$

Left Out: -0.691 ± 0.020 $\chi^2/\text{NDF}: 614.3/17$

Right Out: -1.389 ± 0.046 $\chi^2/\text{NDF}: 922.2/17$

Left In: -0.642 ± 0.021 $\chi^2/\text{NDF}: 1300.7/15$

Left: -0.667 ± 0.015 $\chi^2/\text{NDF}: 1917.8/33$

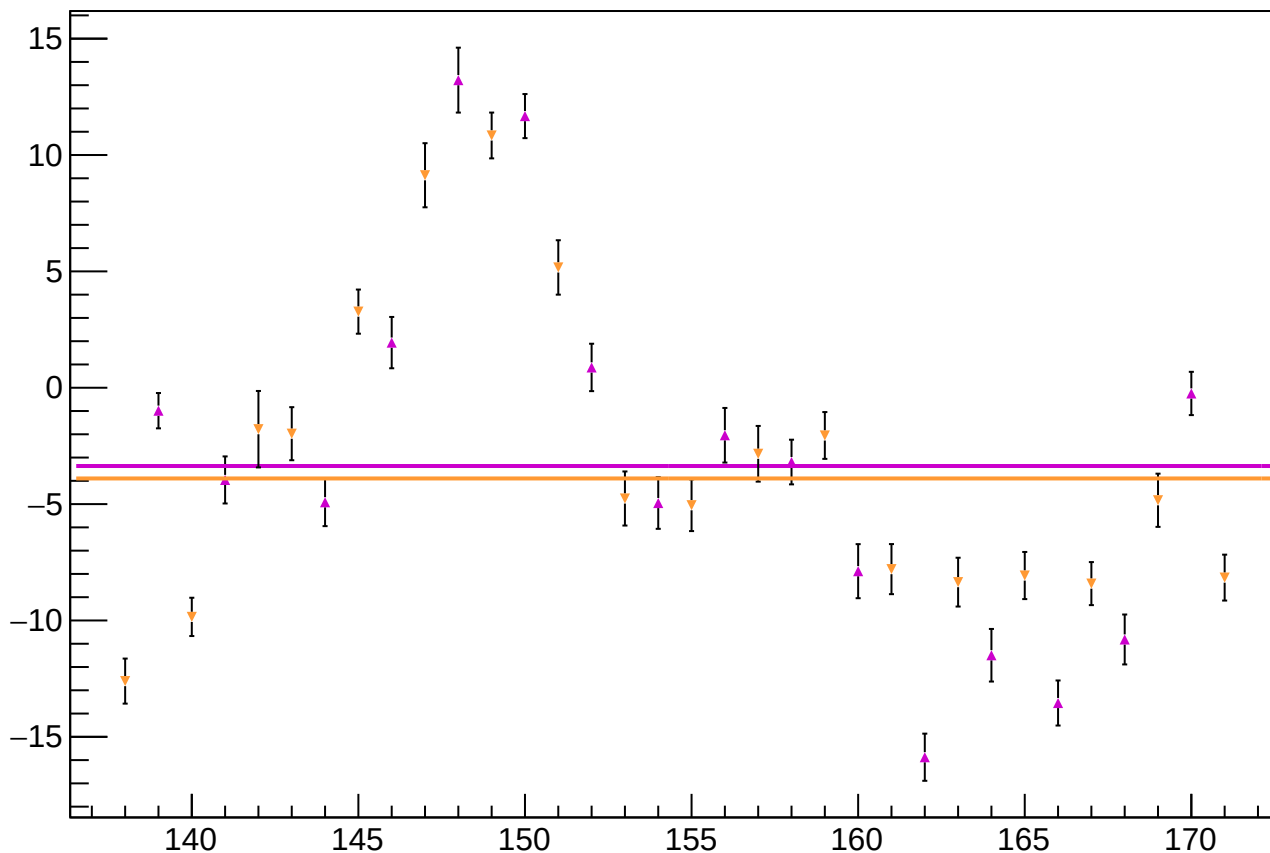
Right: -1.297 ± 0.033 $\chi^2/\text{NDF}: 1552.0/34$

In: -0.731 ± 0.019 $\chi^2/\text{NDF}: 2033.9/32$

Out: -0.805 ± 0.019 $\chi^2/\text{NDF}: 1729.0/35$

All: -0.769 ± 0.013 $\chi^2/\text{NDF}: 3770.4/68$

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Left: -3.637+/-0.179 χ^2/NDF : 1507.2/33

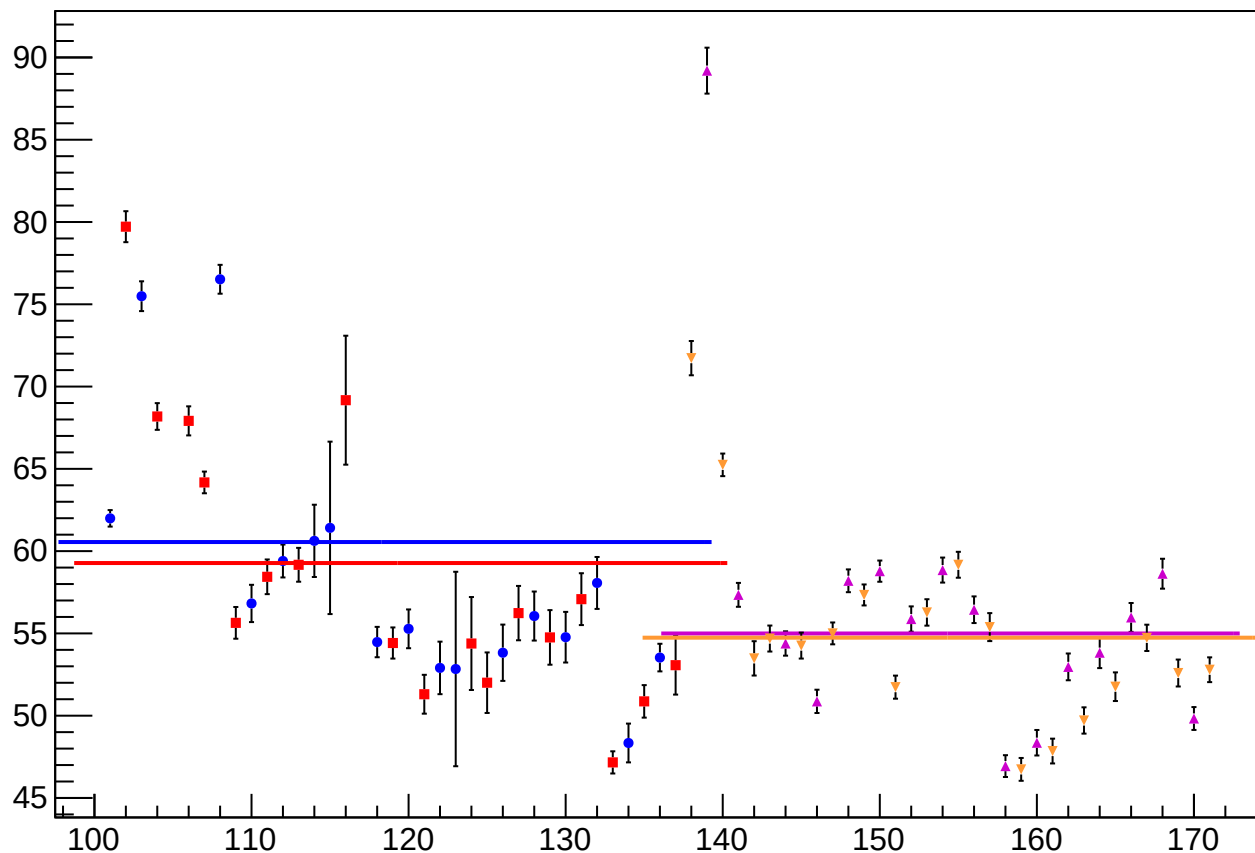
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.363+/-0.256 χ^2/NDF : 839.2/15

Out: -3.898+/-0.250 χ^2/NDF : 665.8/17

All: -3.637+/-0.179 χ^2/NDF : 1507.2/33

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.740 ± 0.182 $\chi^2/\text{NDF}: 854.8/17$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 54.995 ± 0.193 $\chi^2/\text{NDF}: 1032.8/15$

Left: 54.860 ± 0.133 $\chi^2/\text{NDF}: 1888.5/33$

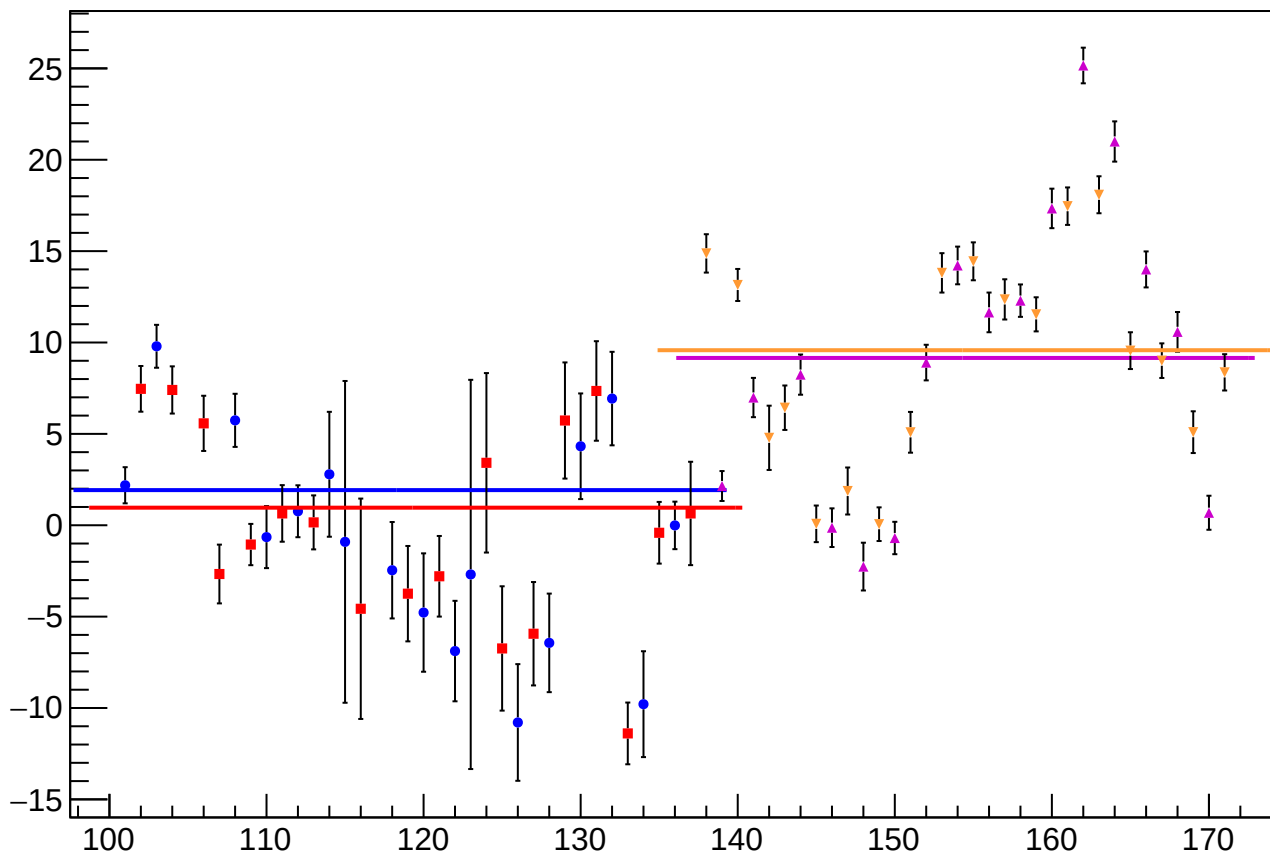
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 56.952 ± 0.155 $\chi^2/\text{NDF}: 2255.8/32$

Out: 56.326 ± 0.147 $\chi^2/\text{NDF}: 2345.6/35$

All: 56.622 ± 0.107 $\chi^2/\text{NDF}: 4609.9/68$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 9.578 ± 0.247 χ^2/NDF : 500.4/17

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 9.155 ± 0.251 χ^2/NDF : 947.7/15

Left: 9.370 ± 0.176 χ^2/NDF : 1449.5/33

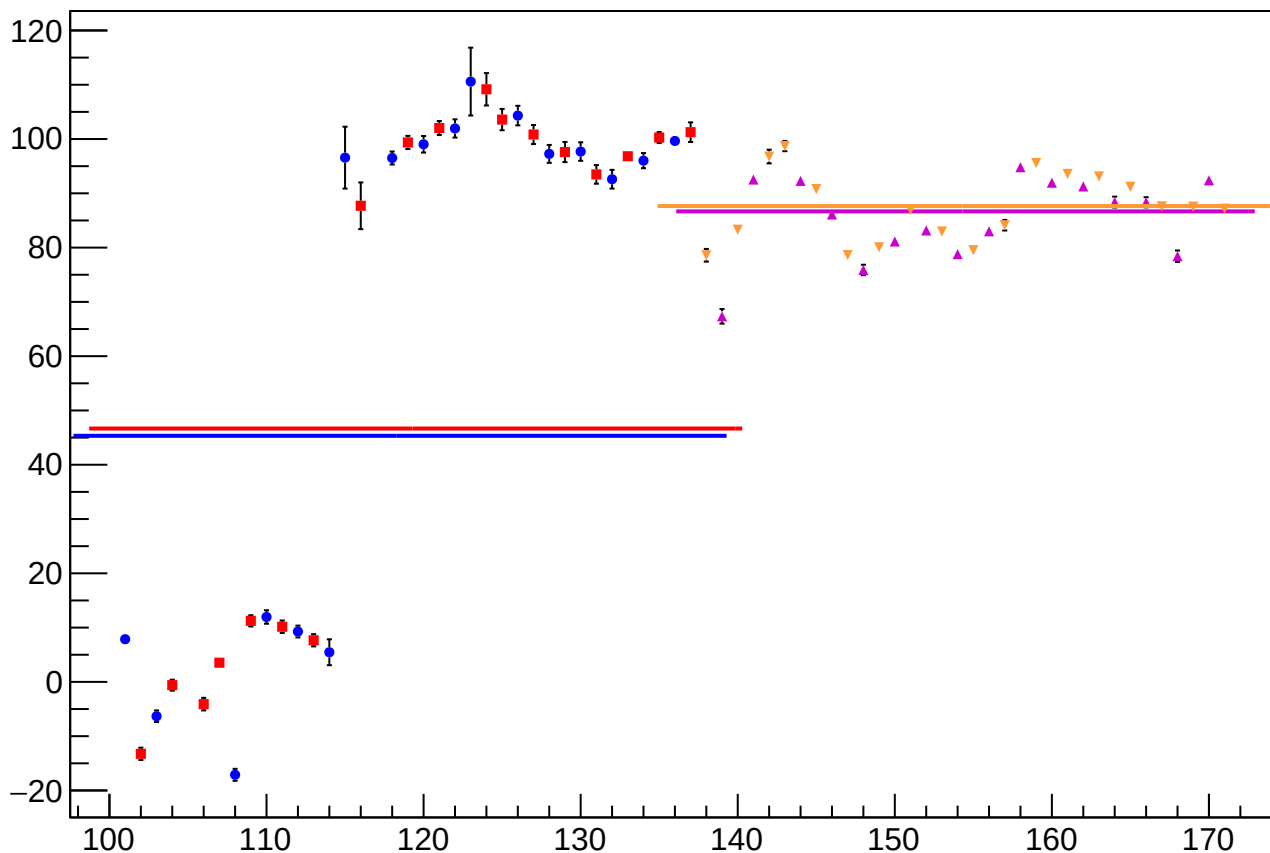
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 7.481 ± 0.220 χ^2/NDF : 1260.2/32

Out: 7.436 ± 0.214 χ^2/NDF : 952.7/35

All: 7.458 ± 0.154 χ^2/NDF : 2212.8/68

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.657 $\pm$ 0.209 χ^2 /NDF:837.7/17

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.672 $\pm$ 0.220 χ^2 /NDF:917.5/15

Left: 87.187 $\pm$ 0.152 χ^2 /NDF: 1765.8/33

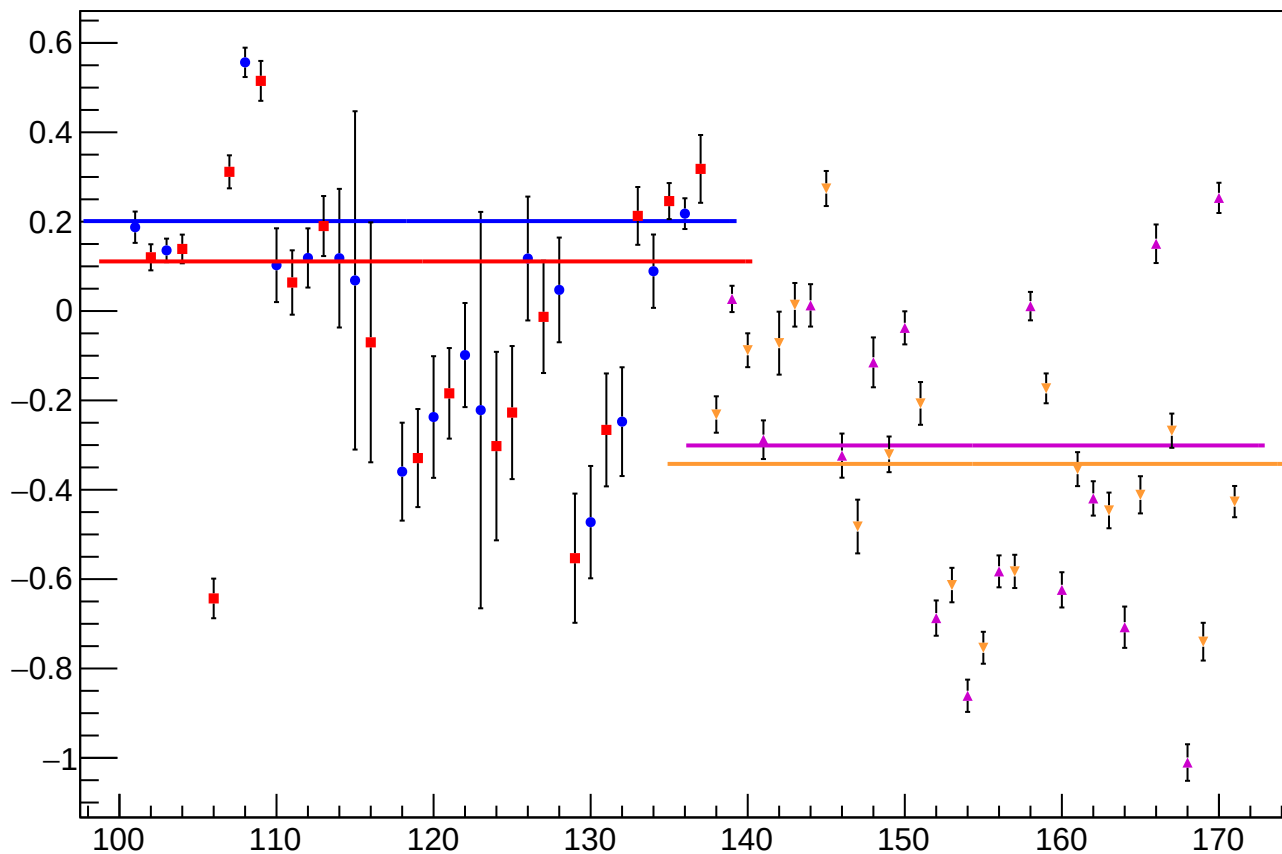
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 72.477 $\pm$ 0.178 χ^2 /NDF:38100.1/32

Out: 73.660 $\pm$ 0.170 χ^2 /NDF:41816.9/35

All: 73.096 $\pm$ 0.123 χ^2 /NDF: 79940.1/68

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.342 ± 0.010 χ^2/NDF : 738.2/17

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.301 ± 0.010 χ^2/NDF : 1557.1/15

Left: -0.322 ± 0.007 χ^2/NDF : 2304.5/33

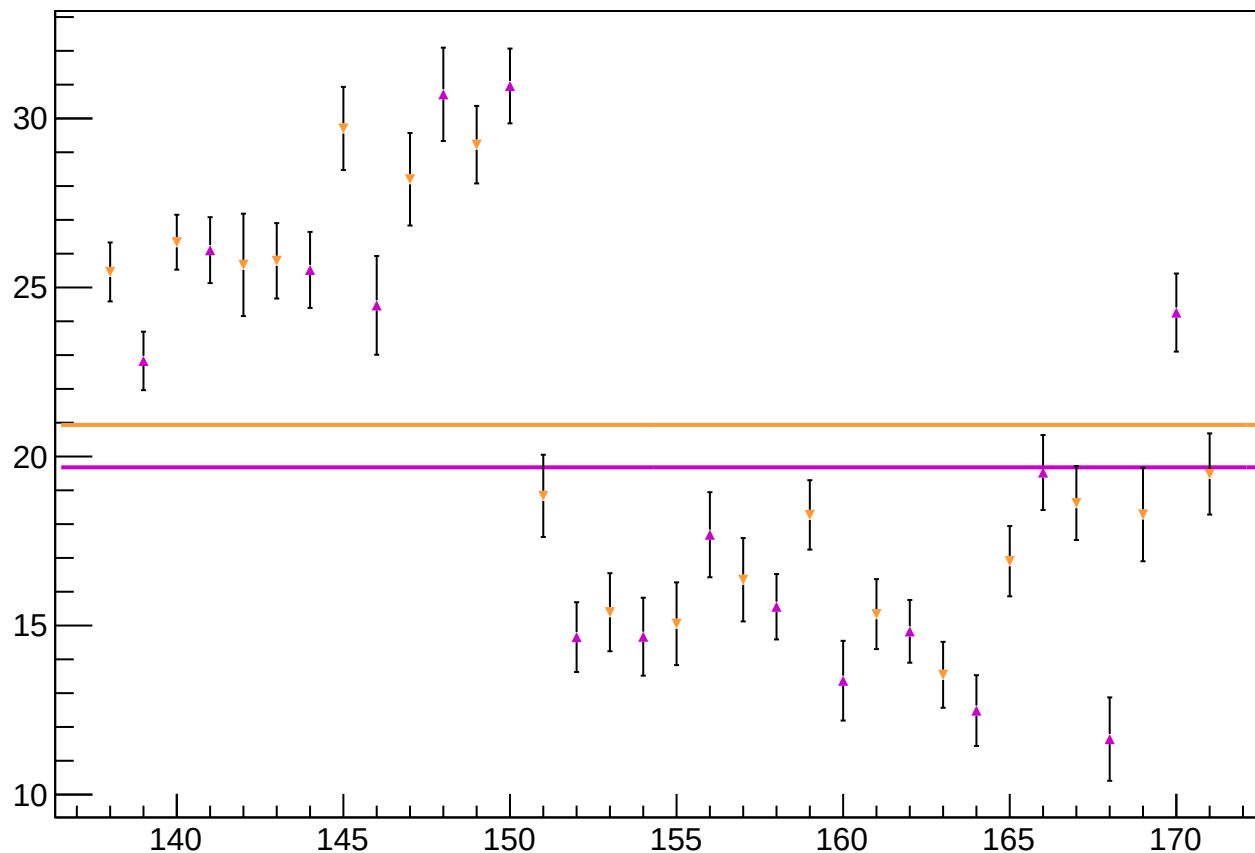
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.138 ± 0.008 χ^2/NDF : 2638.4/32

Out: -0.186 ± 0.008 χ^2/NDF : 2002.9/35

All: -0.163 ± 0.006 χ^2/NDF : 4659.7/68

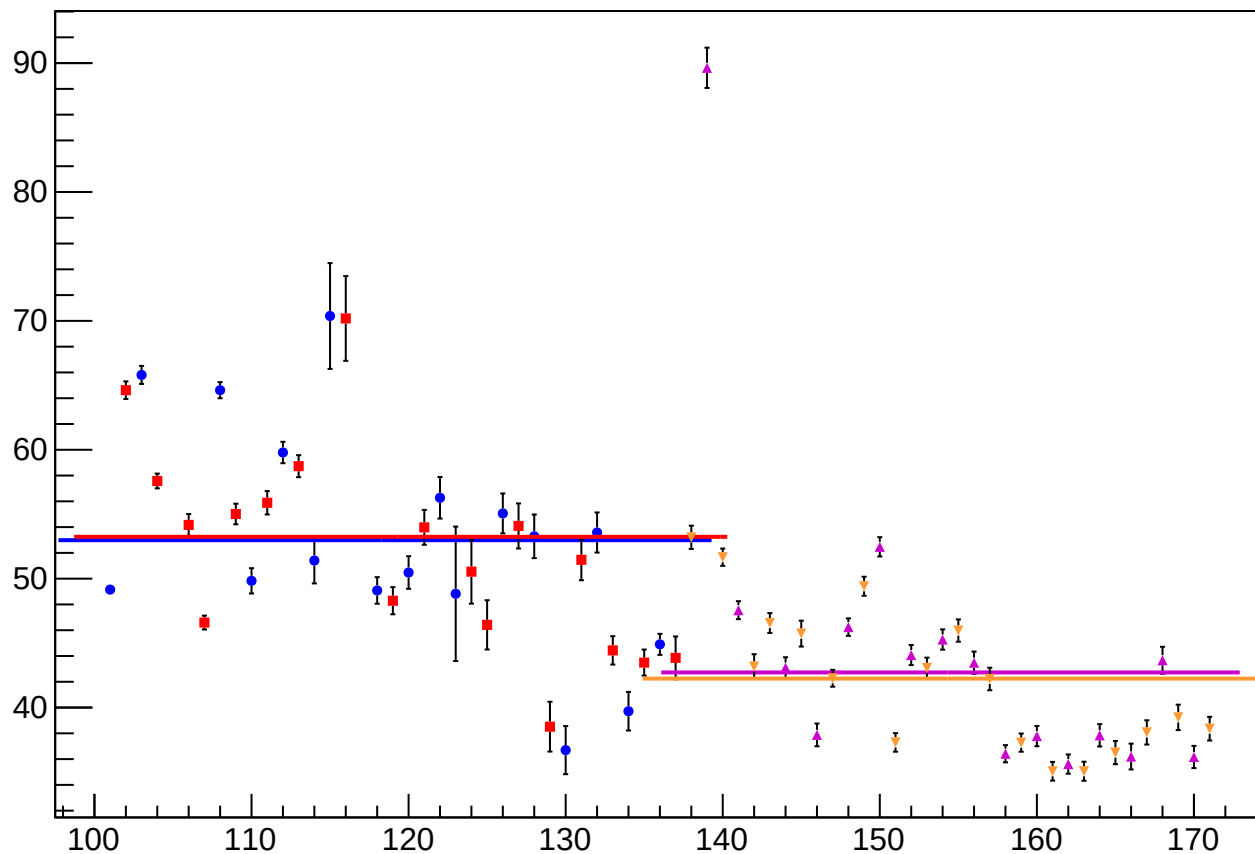
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15

Left: 20.337 $\pm$ 0.189 χ^2 /NDF: 910.3/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.680 $\pm$ 0.273 χ^2 /NDF:487.0/15
 Out: 20.935 $\pm$ 0.261 χ^2 /NDF:412.3/17
 All: 20.337 $\pm$ 0.189 χ^2 /NDF: 910.3/33

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 42.247 $\pm$ 0.190 χ^2 /NDF: 878.7/17

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.725 $\pm$ 0.204 χ^2 /NDF: 1541.7/15

Left: 42.469 $\pm$ 0.139 χ^2 /NDF: 2423.4/33

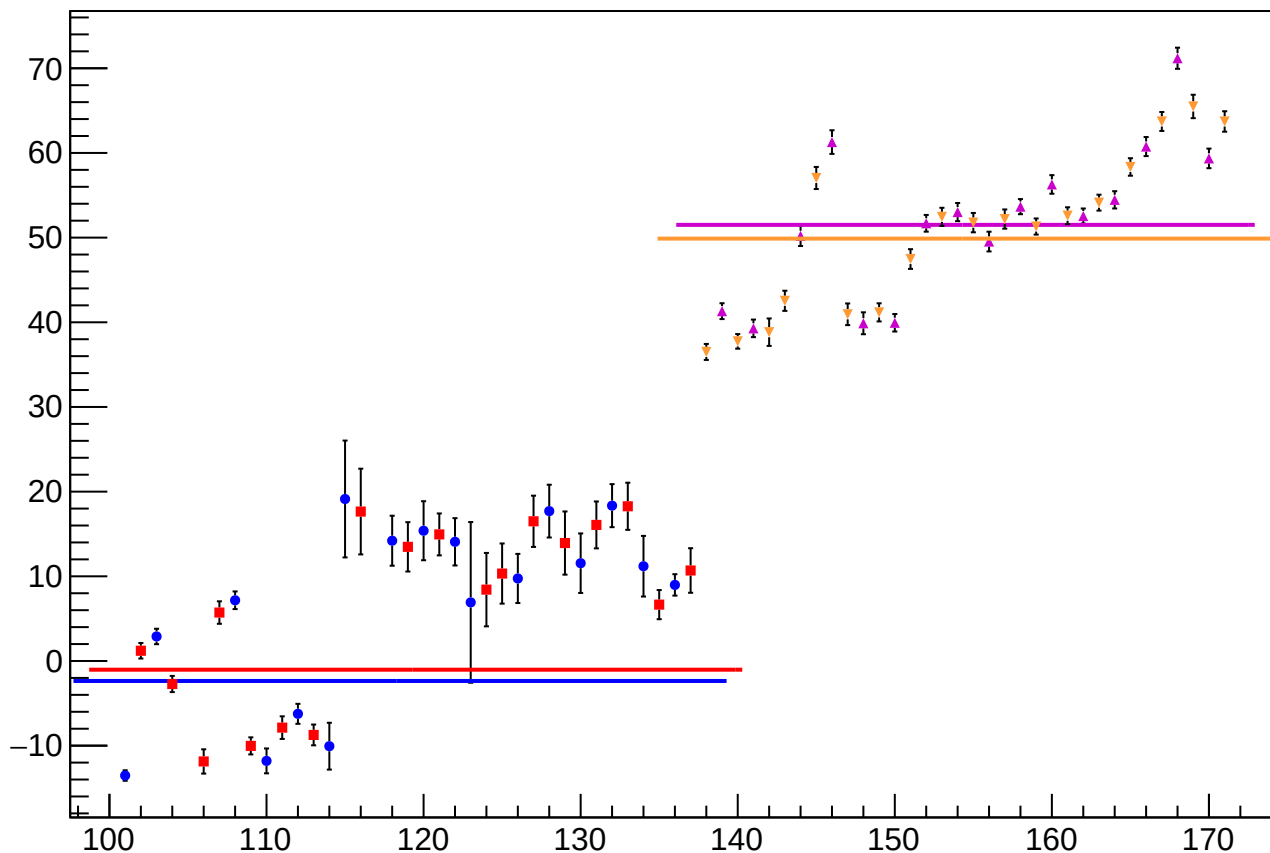
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 47.691 $\pm$ 0.146 χ^2 /NDF: 3967.7/32

Out: 46.759 $\pm$ 0.146 χ^2 /NDF: 3115.7/35

All: 47.223 $\pm$ 0.103 χ^2 /NDF: 7103.8/68

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 49.884 ± 0.258 χ^2/NDF : 1152.9/17

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 51.506 ± 0.268 χ^2/NDF : 914.4/15

Left: 50.666 ± 0.186 χ^2/NDF : 2086.3/33

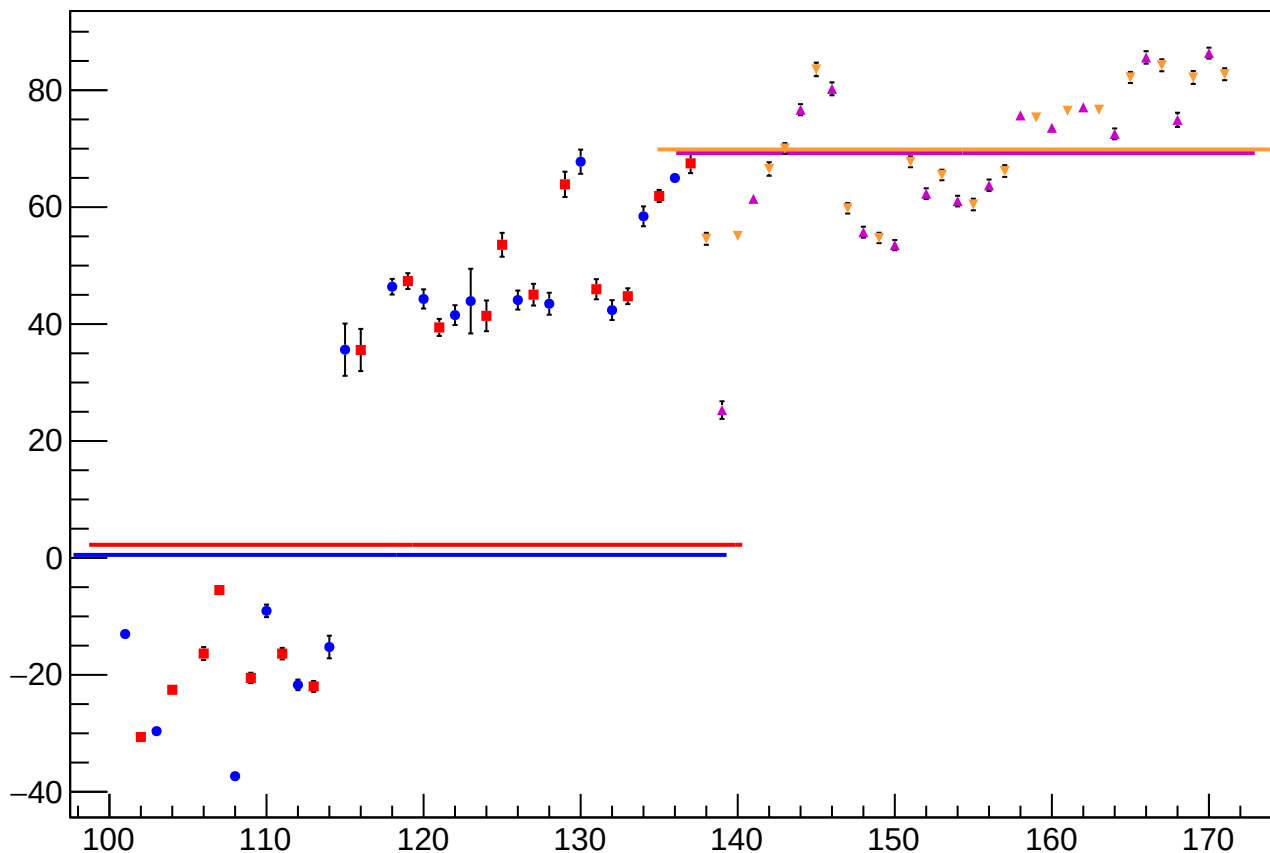
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 32.572 ± 0.216 χ^2/NDF : 15943.4/32

Out: 33.794 ± 0.214 χ^2/NDF : 13922.0/35

All: 33.189 ± 0.152 χ^2/NDF : 29881.6/68

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 69.864 ± 0.218 χ^2/NDF : 2102.0/17

Right Out: 2.246 ± 0.267 χ^2/NDF : 15377.0/17

Left In: 69.250 ± 0.232 χ^2/NDF : 2618.5/15

Left: 69.576 ± 0.159 χ^2/NDF : 4724.2/33

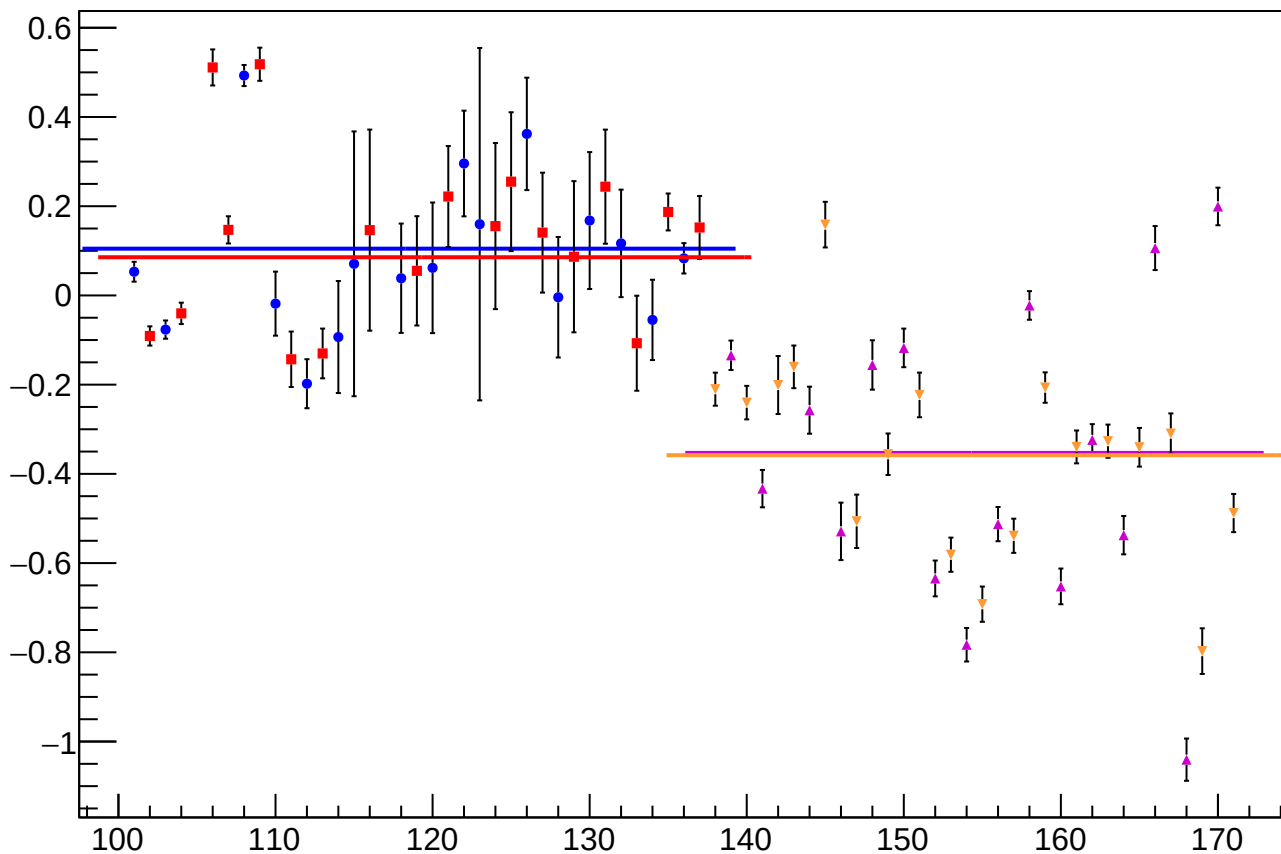
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 37.030 ± 0.169 χ^2/NDF : 62163.3/32

Out: 42.837 ± 0.169 χ^2/NDF : 55863.2/35

All: 39.934 ± 0.120 χ^2/NDF : 118616.4/68

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.358 ± 0.010 $\chi^2/\text{NDF}: 396.8/17$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.353 ± 0.010 $\chi^2/\text{NDF}: 948.3/15$

Left: -0.356 ± 0.007 $\chi^2/\text{NDF}: 1345.2/33$

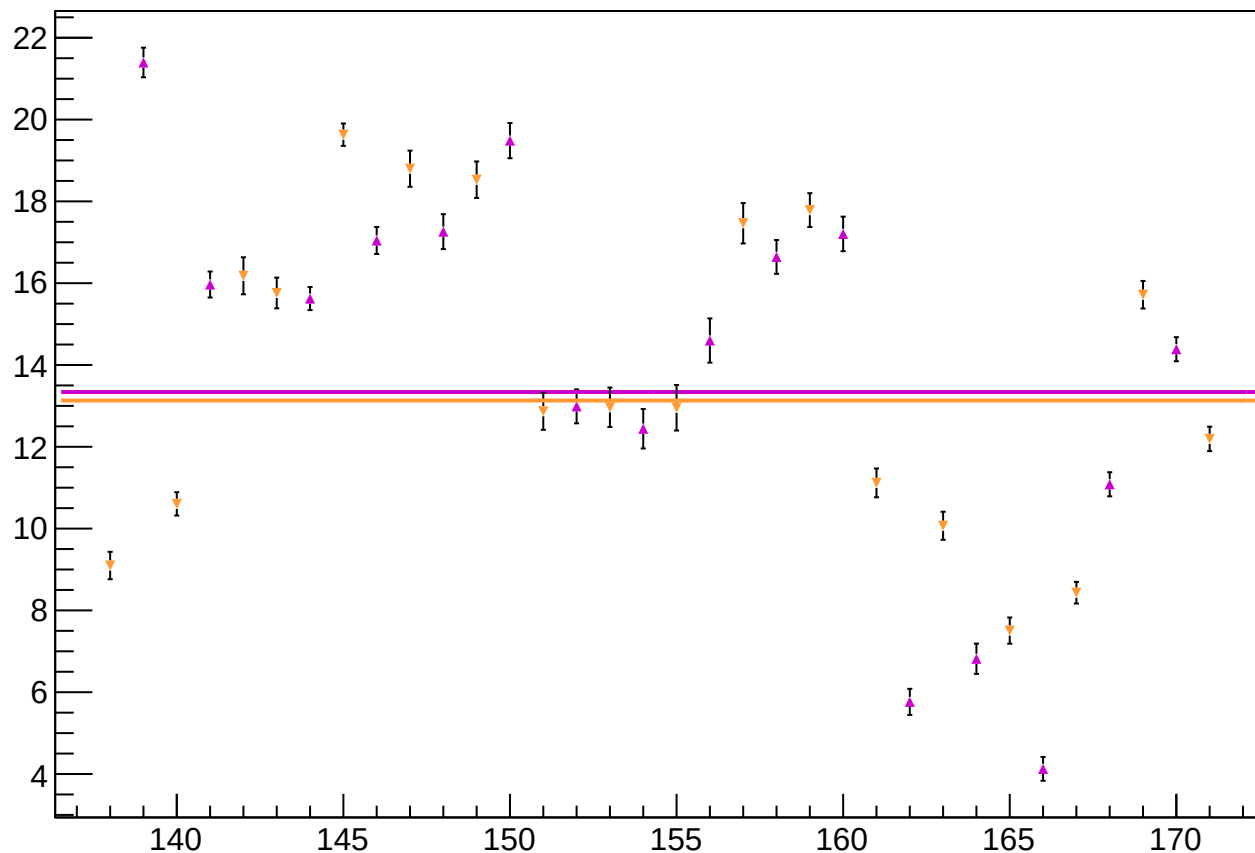
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.138 ± 0.008 $\chi^2/\text{NDF}: 2263.8/32$

Out: -0.158 ± 0.007 $\chi^2/\text{NDF}: 1665.2/35$

All: -0.148 ± 0.005 $\chi^2/\text{NDF}: 3932.4/68$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.131+/-0.085 χ^2/NDF :2198.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.339+/-0.089 χ^2/NDF :3145.2/15

Left: 13.230+/-0.061 χ^2/NDF : 5346.5/33

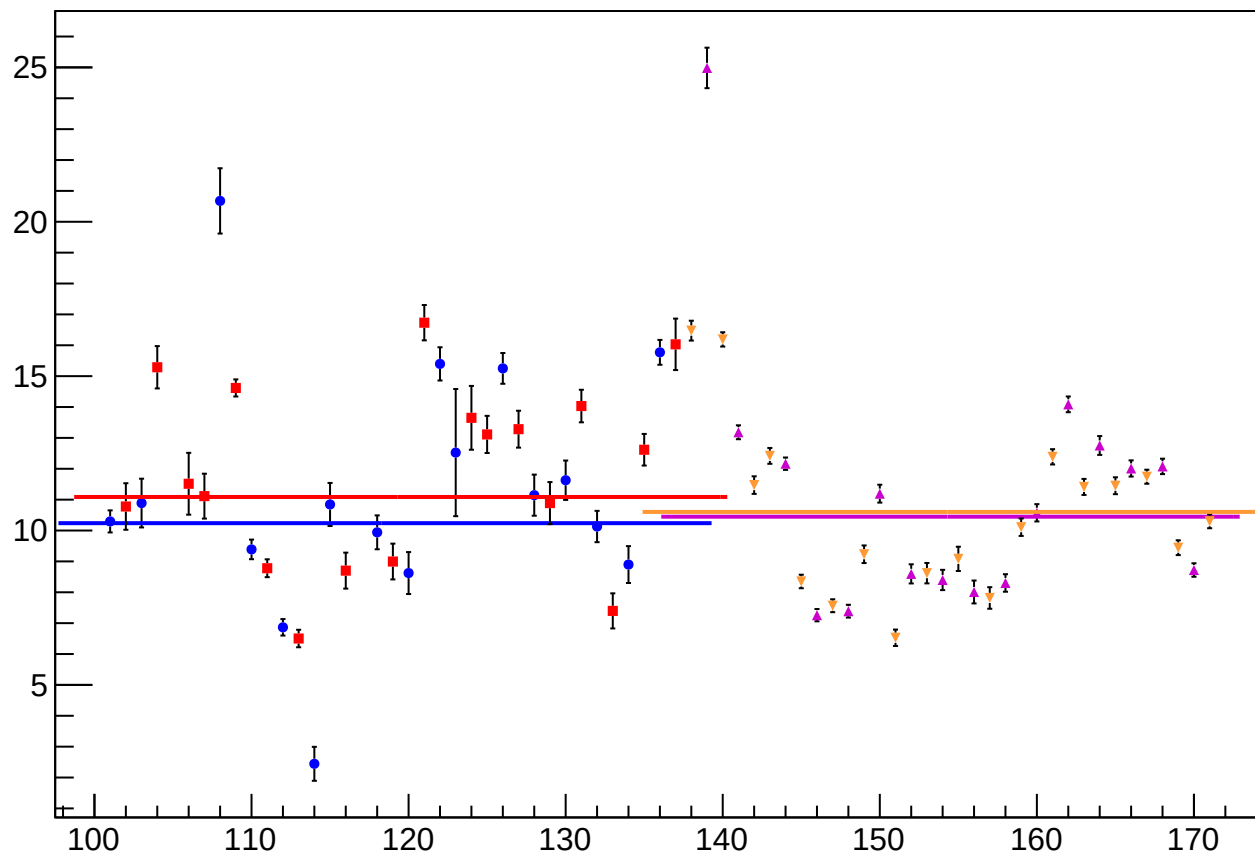
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.339+/-0.089 χ^2/NDF :3145.2/15

Out: 13.131+/-0.085 χ^2/NDF :2198.4/17

All: 13.230+/-0.061 χ^2/NDF : 5346.5/33

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.603+/-0.062 χ^2/NDF :1789.2/17

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 10.448+/-0.065 χ^2/NDF :1768.8/15

Left: 10.529+/-0.045 χ^2/NDF : 3561.0/33

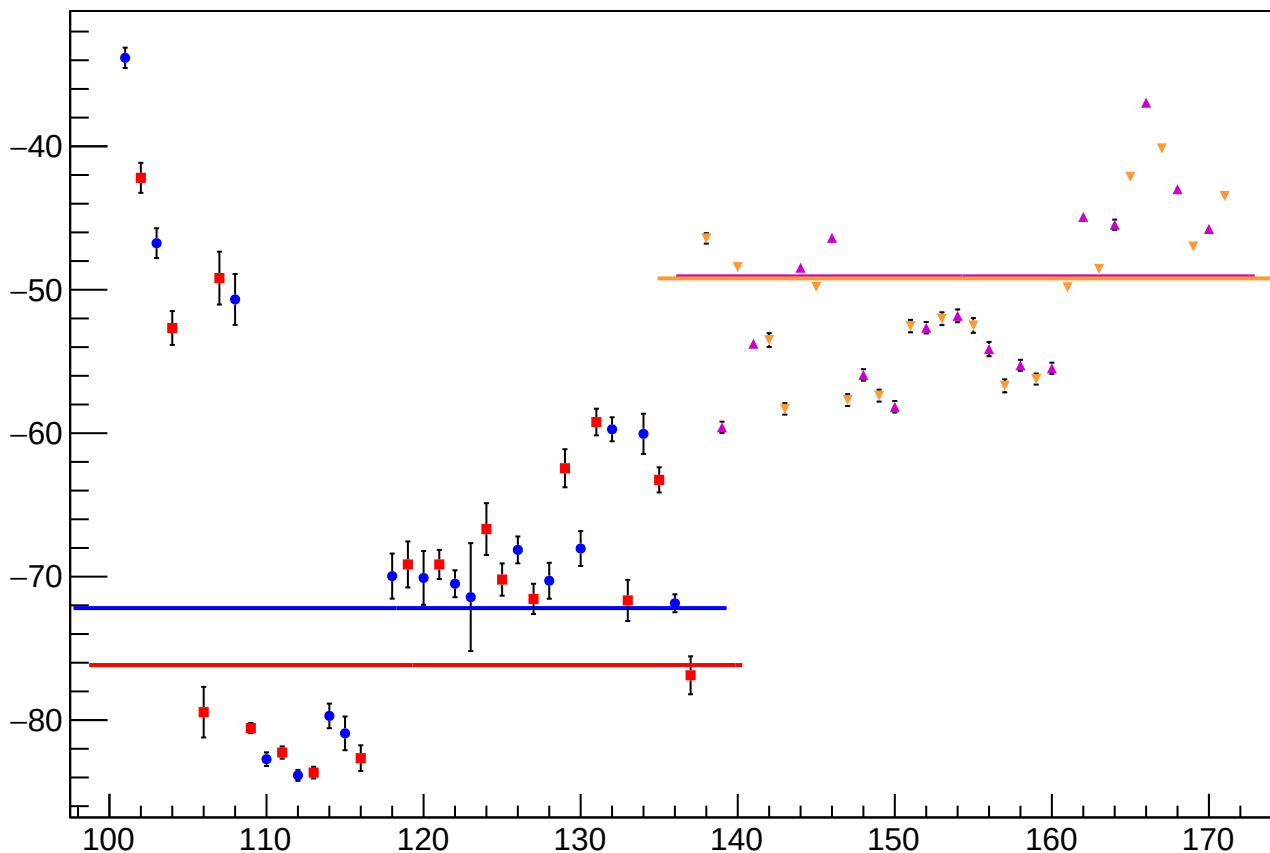
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.400+/-0.057 χ^2/NDF :2638.6/32

Out: 10.709+/-0.054 χ^2/NDF :2603.7/35

All: 10.561+/-0.039 χ^2/NDF : 5257.6/68

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -49.207 ± 0.085 χ^2/NDF : 4242.5/17

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -49.068 ± 0.088 χ^2/NDF : 5038.2/15

Left: -49.140 ± 0.061 χ^2/NDF : 9282.1/33

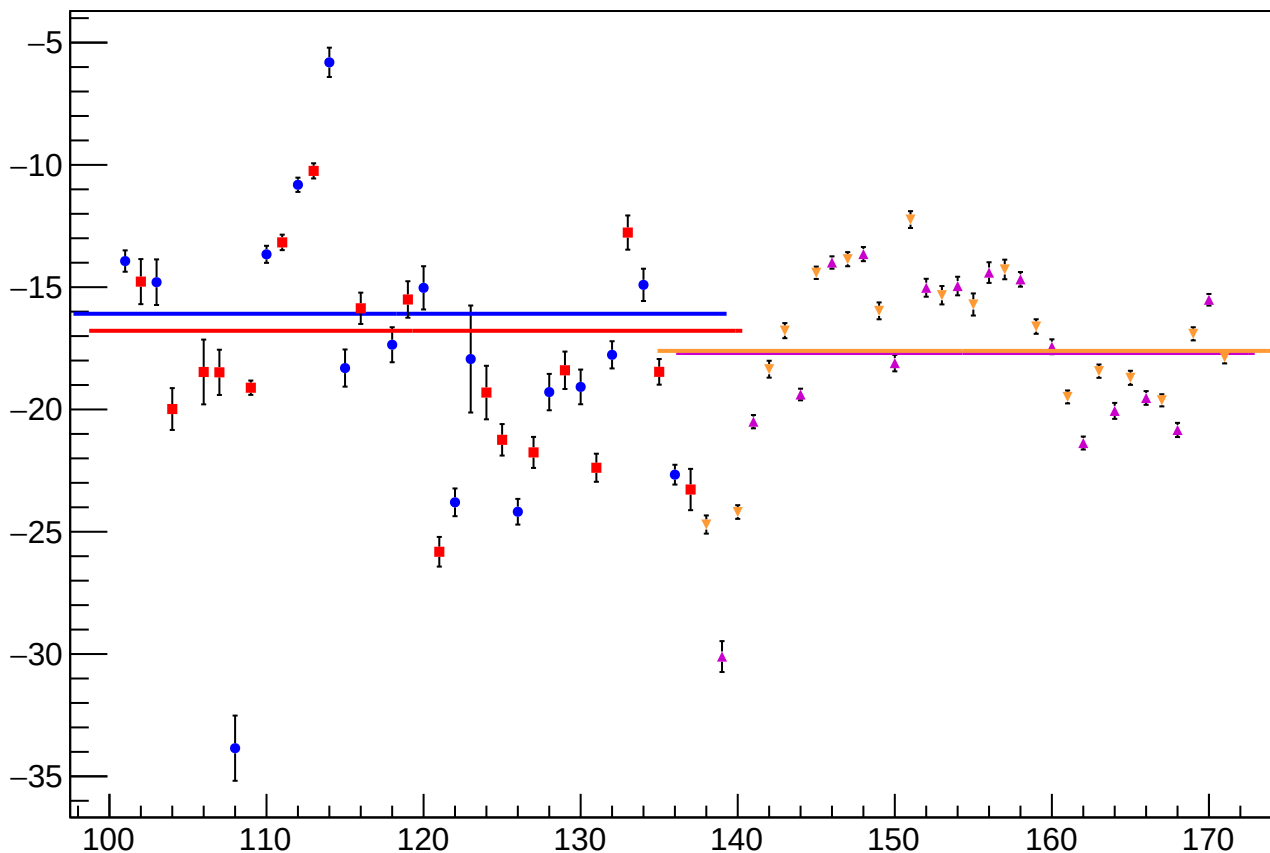
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -52.865 ± 0.080 χ^2/NDF : 21985.8/32

Out: -54.047 ± 0.077 χ^2/NDF : 25614.0/35

All: -53.482 ± 0.055 χ^2/NDF : 47712.9/68

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: -17.605 $\pm$ 0.071 χ^2 /NDF:1805.0/17

Right Out: -16.783 $\pm$ 0.128 χ^2 /NDF: 1204.4/17

Left In: -17.691 $\pm$ 0.075 χ^2 /NDF:1708.8/15

Left: -17.646 $\pm$ 0.052 χ^2 /NDF: 3514.5/33

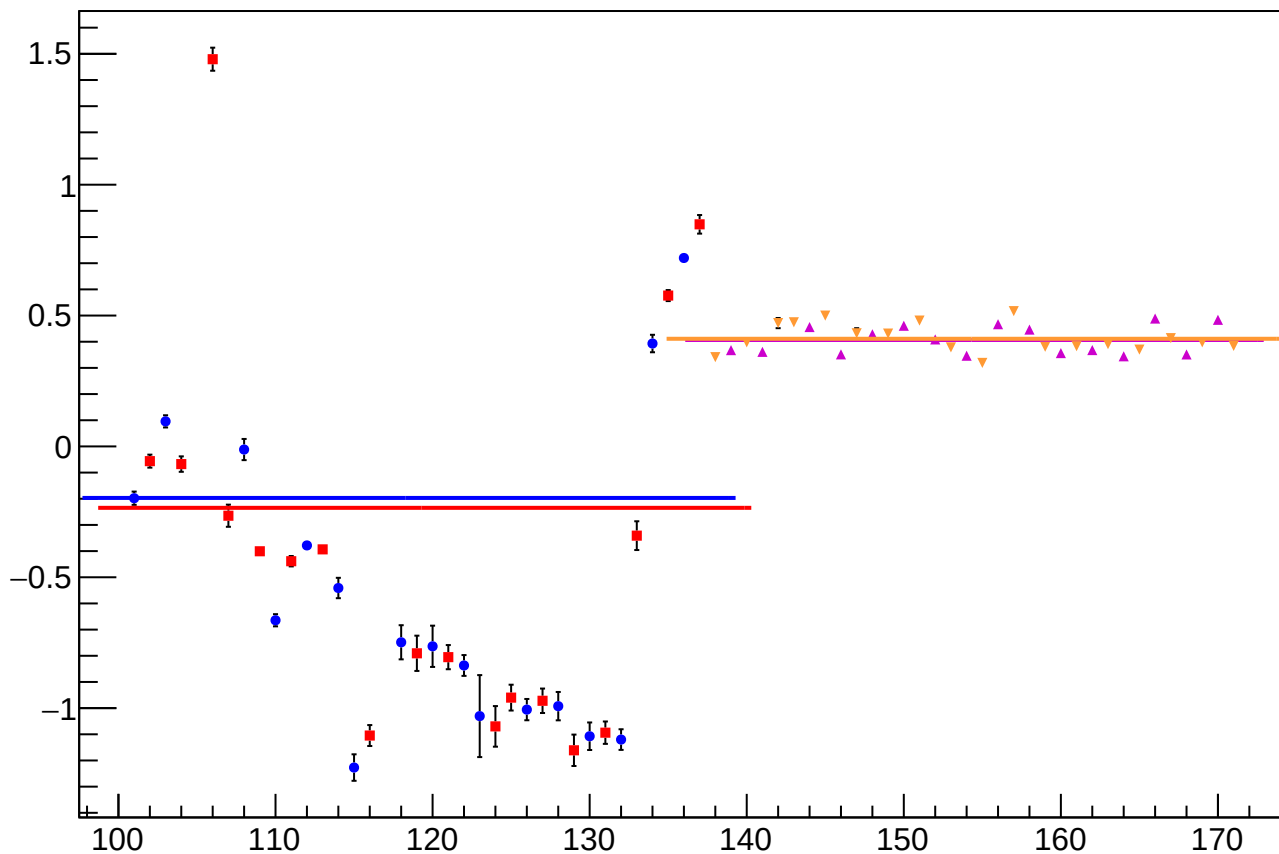
Right: -16.446 $\pm$ 0.092 χ^2 /NDF: 2840.4/34

In: -17.301 $\pm$ 0.065 χ^2 /NDF:3441.6/32

Out: -17.412 $\pm$ 0.062 χ^2 /NDF:3040.9/35

All: -17.359 $\pm$ 0.045 χ^2 /NDF: 6484.0/68

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.411 ± 0.003 χ^2/NDF : 233.6/17

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.407 ± 0.003 χ^2/NDF : 249.3/15

Left: 0.409 ± 0.002 χ^2/NDF : 483.9/33

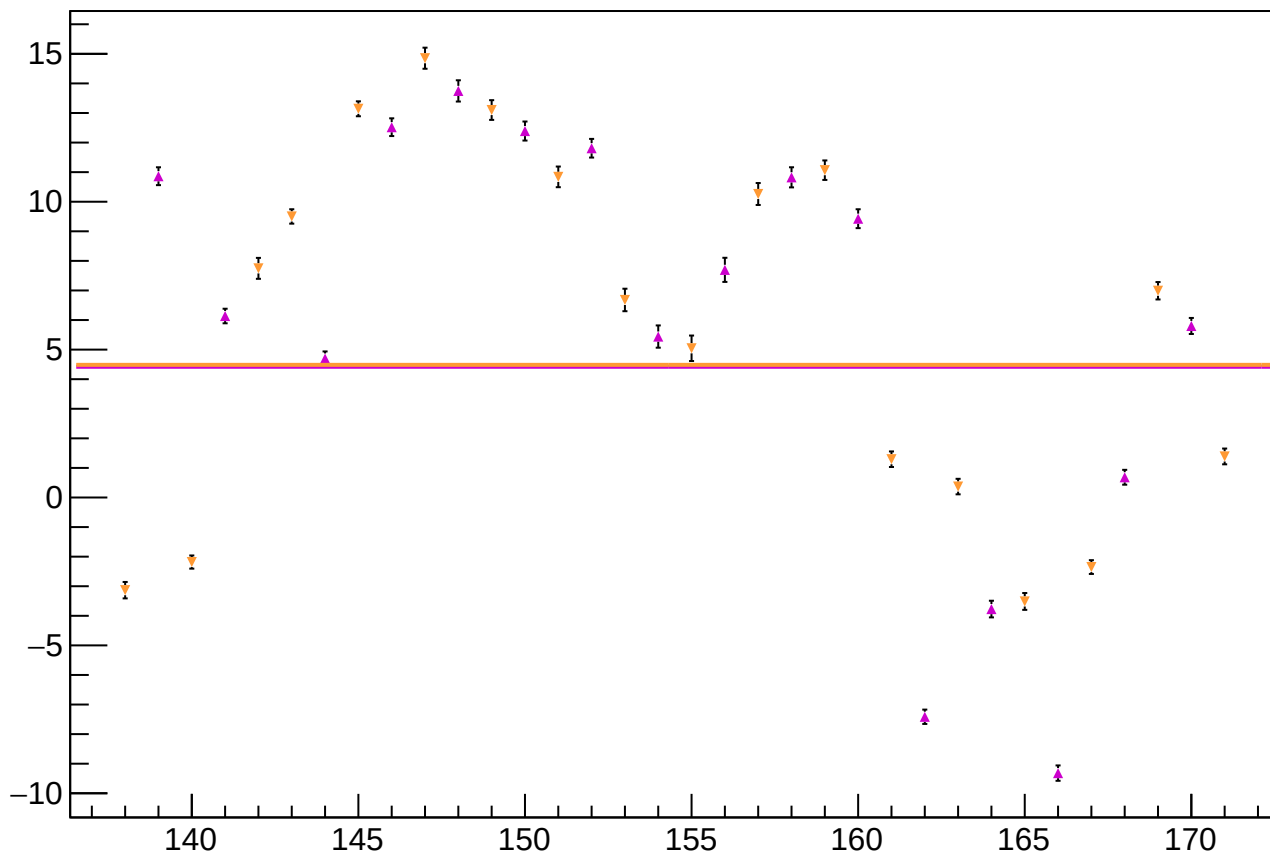
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.301 ± 0.003 χ^2/NDF : 11856.6/32

Out: 0.298 ± 0.003 χ^2/NDF : 13099.7/35

All: 0.300 ± 0.002 χ^2/NDF : 24956.9/68

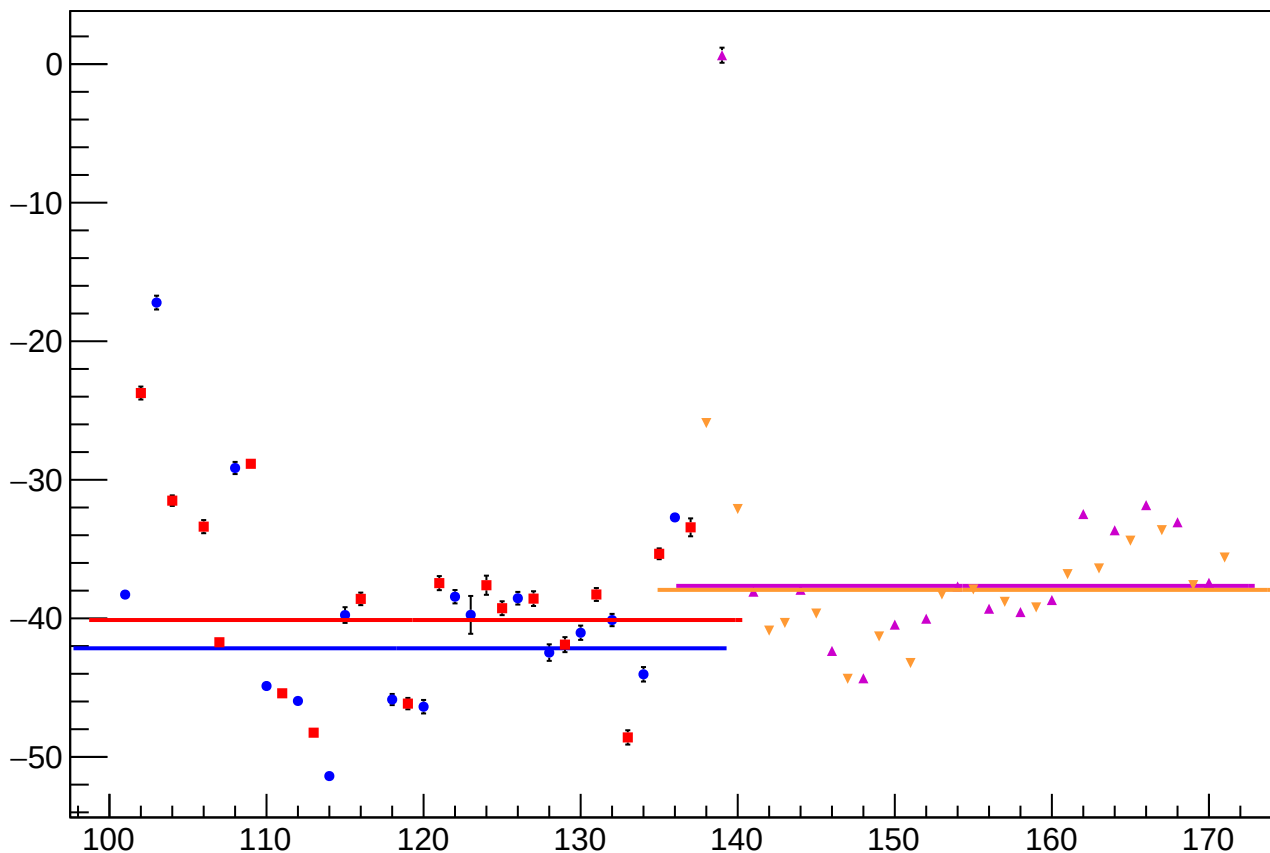
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.485+/-0.069 χ^2/NDF :8108.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.420+/-0.073 χ^2/NDF :10017.5/15

Left: 4.454+/-0.050 χ^2/NDF : 18125.9/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.420+/-0.073 χ^2/NDF :10017.5/15
 Out: 4.485+/-0.069 χ^2/NDF :8108.0/17
 All: 4.454+/-0.050 χ^2/NDF : 18125.9/33

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -37.945 ± 0.050 $\chi^2/\text{NDF}: 6771.8/17$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -37.655 ± 0.054 $\chi^2/\text{NDF}: 9512.8/15$

Left: -37.811 ± 0.036 $\chi^2/\text{NDF}: 16300.3/33$

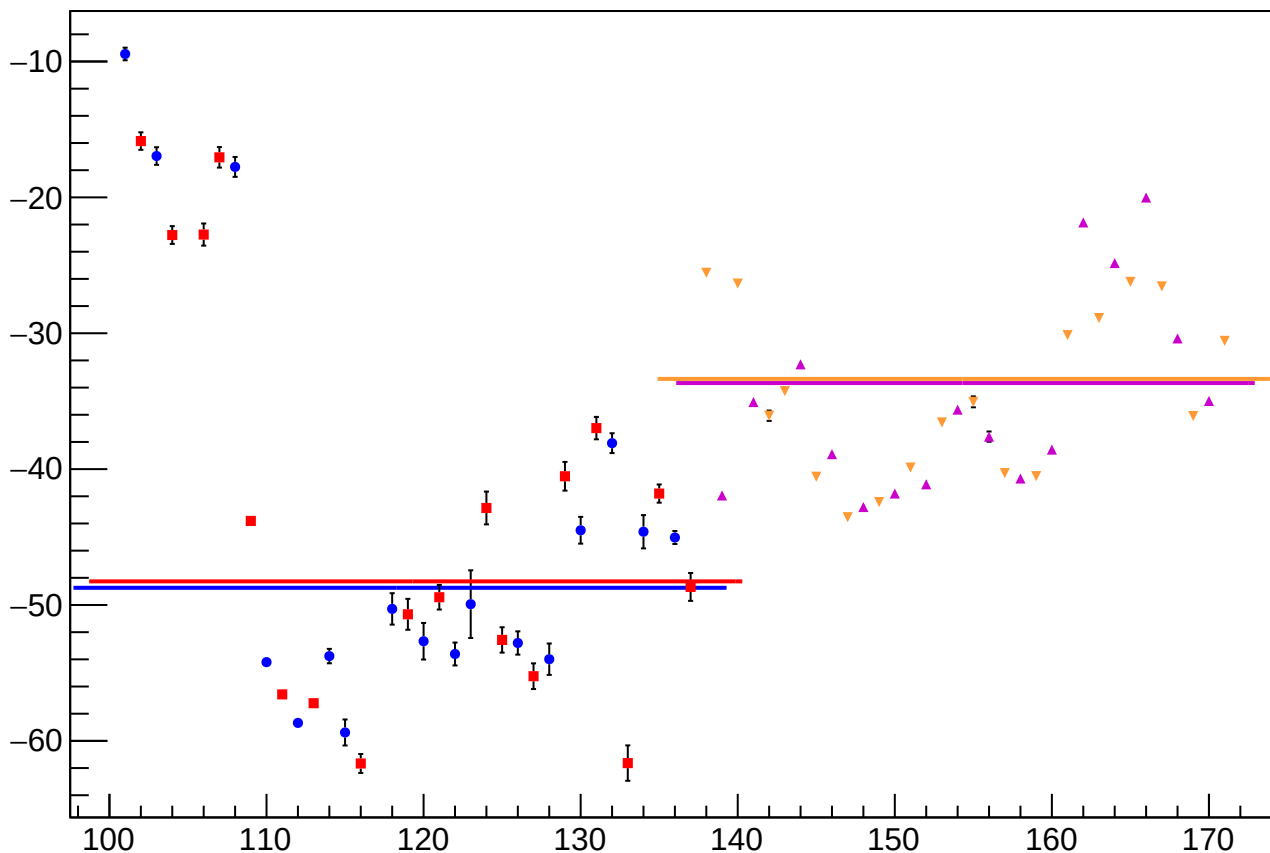
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -39.100 ± 0.044 $\chi^2/\text{NDF}: 18354.2/32$

Out: -38.633 ± 0.041 $\chi^2/\text{NDF}: 18265.5/35$

All: -38.849 ± 0.030 $\chi^2/\text{NDF}: 36679.7/68$

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: -33.360 ± 0.068 $\chi^2/\text{NDF}: 7676.8/17$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -33.665 ± 0.072 $\chi^2/\text{NDF}: 10470.8/15$

Left: -33.505 ± 0.050 $\chi^2/\text{NDF}: 18157.1/33$

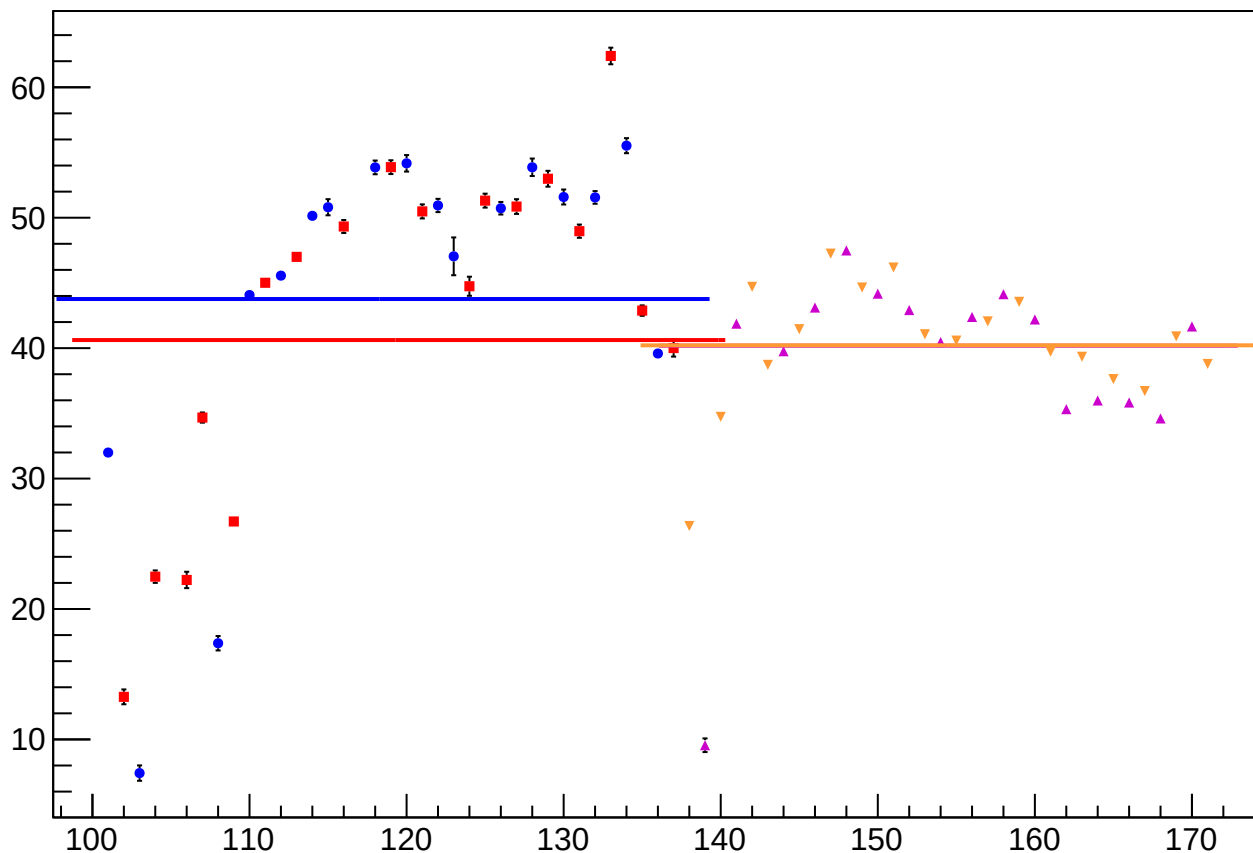
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -37.423 ± 0.062 $\chi^2/\text{NDF}: 36091.9/32$

Out: -37.666 ± 0.058 $\chi^2/\text{NDF}: 32445.5/35$

All: -37.554 ± 0.042 $\chi^2/\text{NDF}: 68545.6/68$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 40.203 ± 0.042 $\chi^2/\text{NDF}: 12329.9/33$

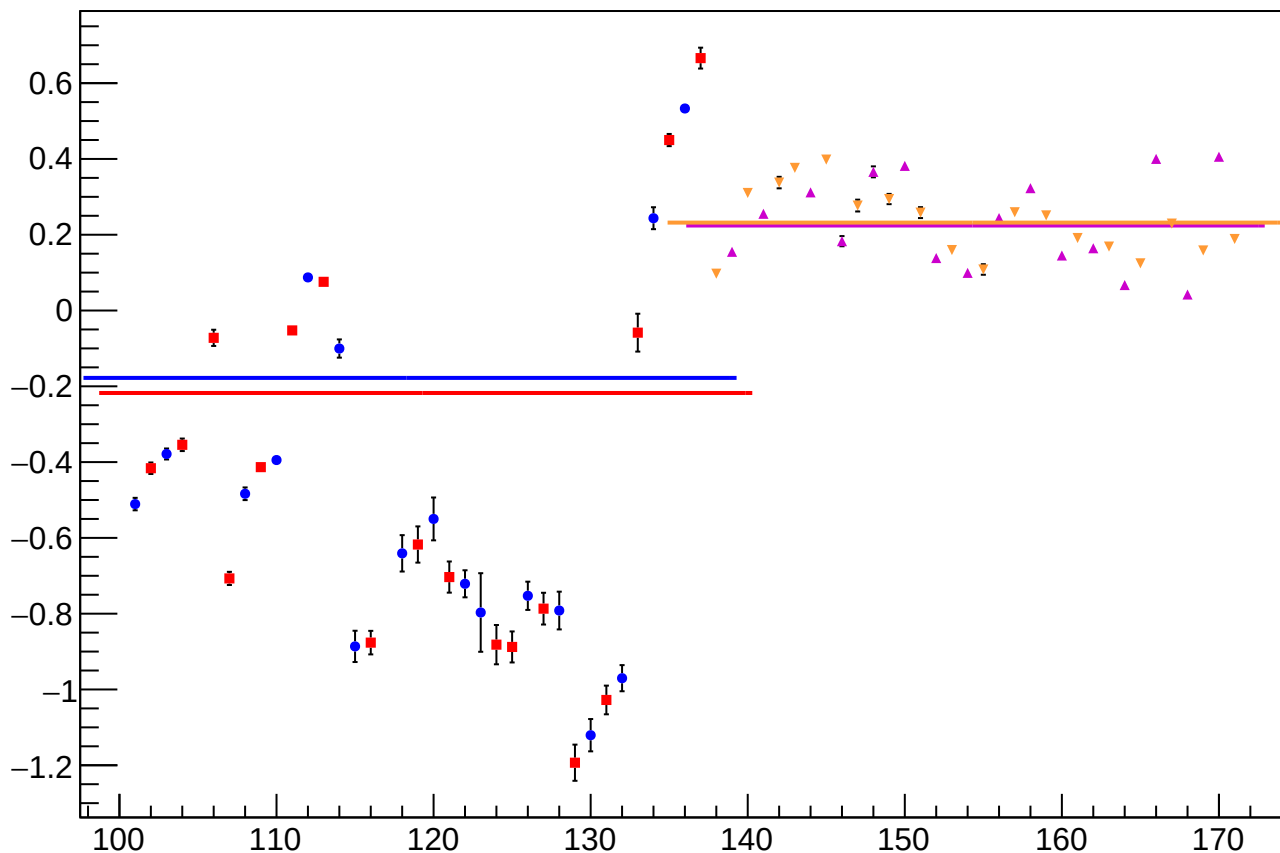
Right: 42.070 ± 0.059 $\chi^2/\text{NDF}: 28299.2/34$

In: 41.384 ± 0.050 $\chi^2/\text{NDF}: 18743.2/32$

Out: 40.352 ± 0.047 $\chi^2/\text{NDF}: 22326.1/35$

All: 40.830 ± 0.034 $\chi^2/\text{NDF}: 41296.3/68$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178±/0.005 χ^2/NDF : 7364.4/16

Left Out: 0.232±/0.003 χ^2/NDF :1035.2/17

Right Out: -0.218±/0.004 χ^2/NDF : 7455.7/17

Left In: 0.224±/0.003 χ^2/NDF :1800.4/15

Left: 0.228±/0.002 χ^2/NDF : 2839.5/33

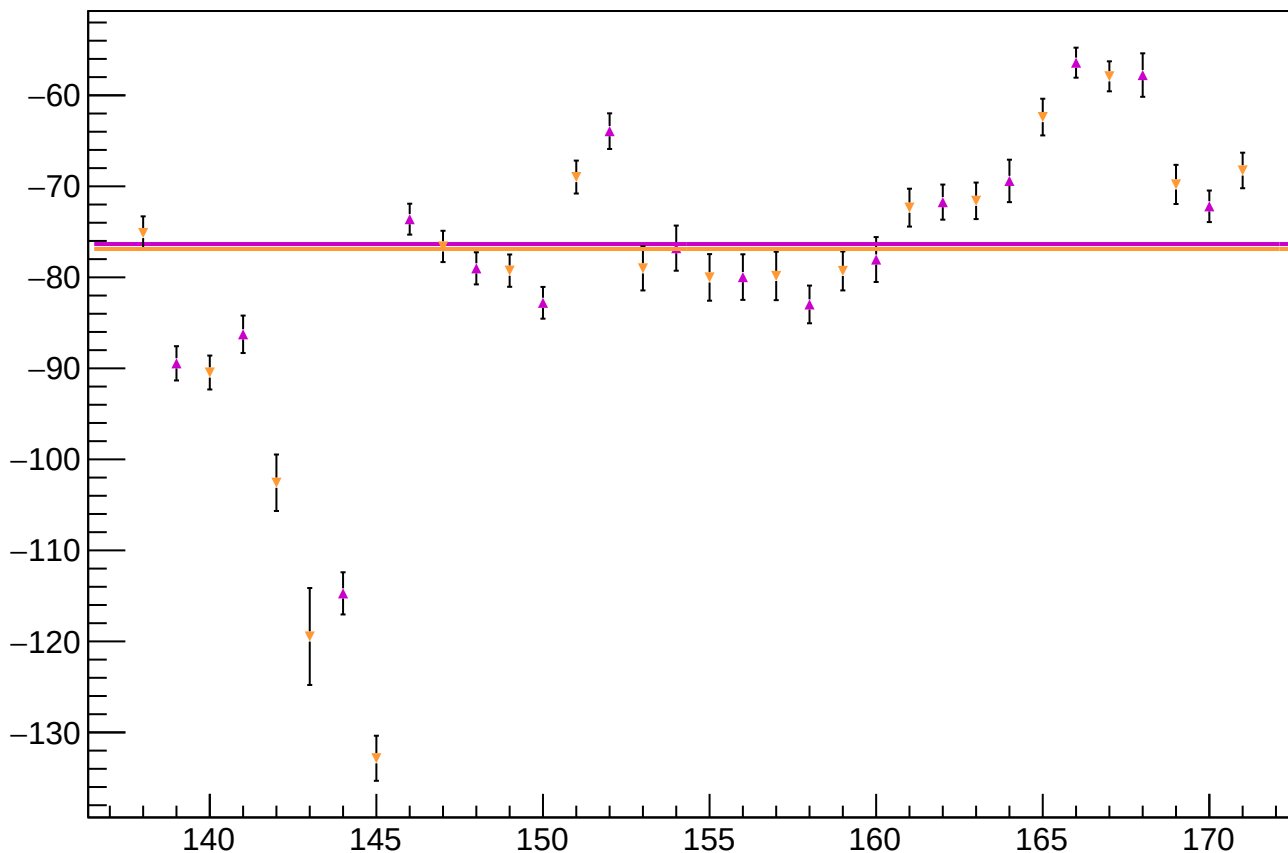
Right: -0.200±/0.003 χ^2/NDF : 14857.8/34

In: 0.122±/0.002 χ^2/NDF :14305.1/32

Out: 0.107±/0.002 χ^2/NDF :16332.3/35

All: 0.114±/0.002 χ^2/NDF : 30657.9/68

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -76.884 $\pm$ 0.494 χ^2 /NDF:949.3/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

Left: -76.614 $\pm$ 0.351 χ^2 /NDF: 1594.2/33

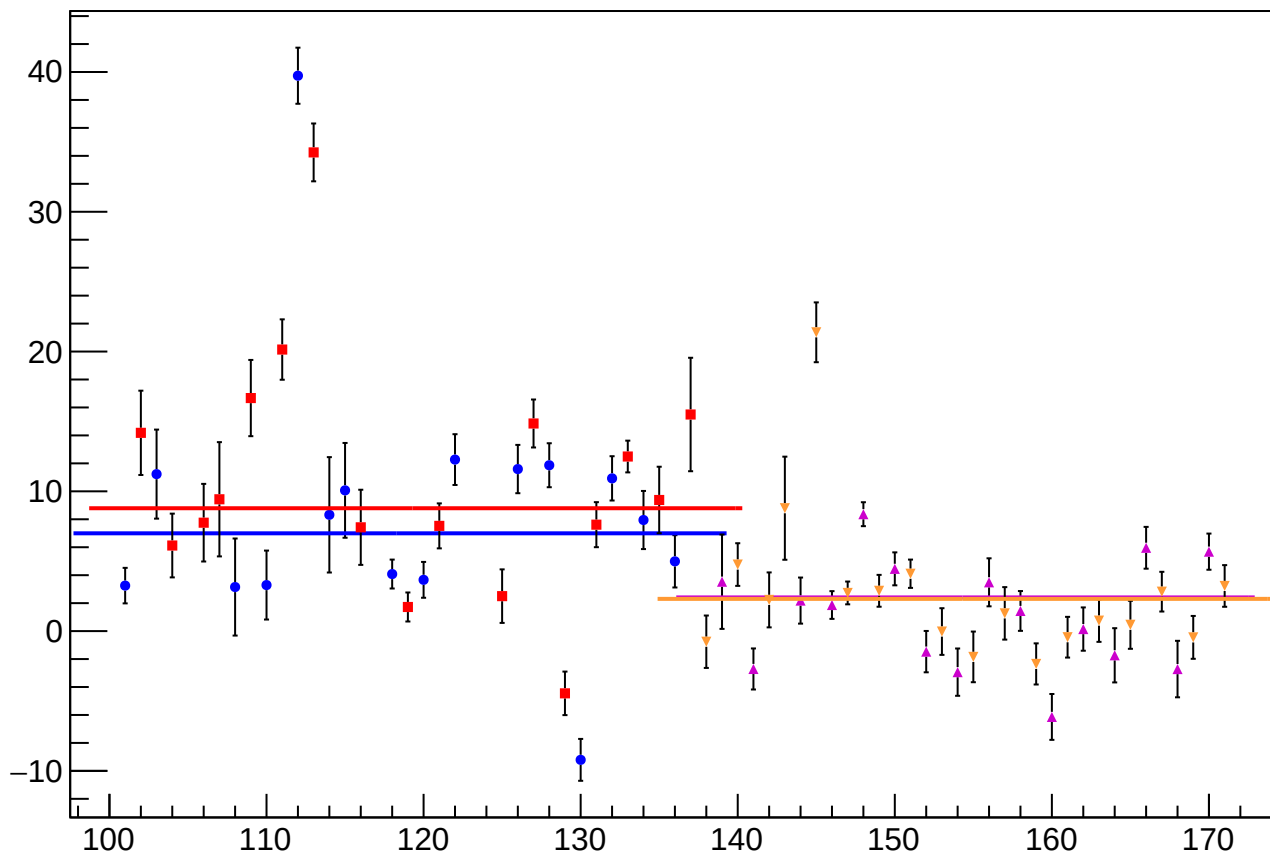
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -76.339 $\pm$ 0.499 χ^2 /NDF:644.2/15

Out: -76.884 $\pm$ 0.494 χ^2 /NDF:949.3/17

All: -76.614 $\pm$ 0.351 χ^2 /NDF: 1594.2/33

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 χ^2/NDF : 445.3/15

Left Out: 2.306 ± 0.342 χ^2/NDF : 118.5/17

Right Out: 8.790 ± 0.449 χ^2/NDF : 348.8/16

Left In: 2.410 ± 0.353 χ^2/NDF : 134.0/15

Left: 2.356 ± 0.246 χ^2/NDF : 252.5/33

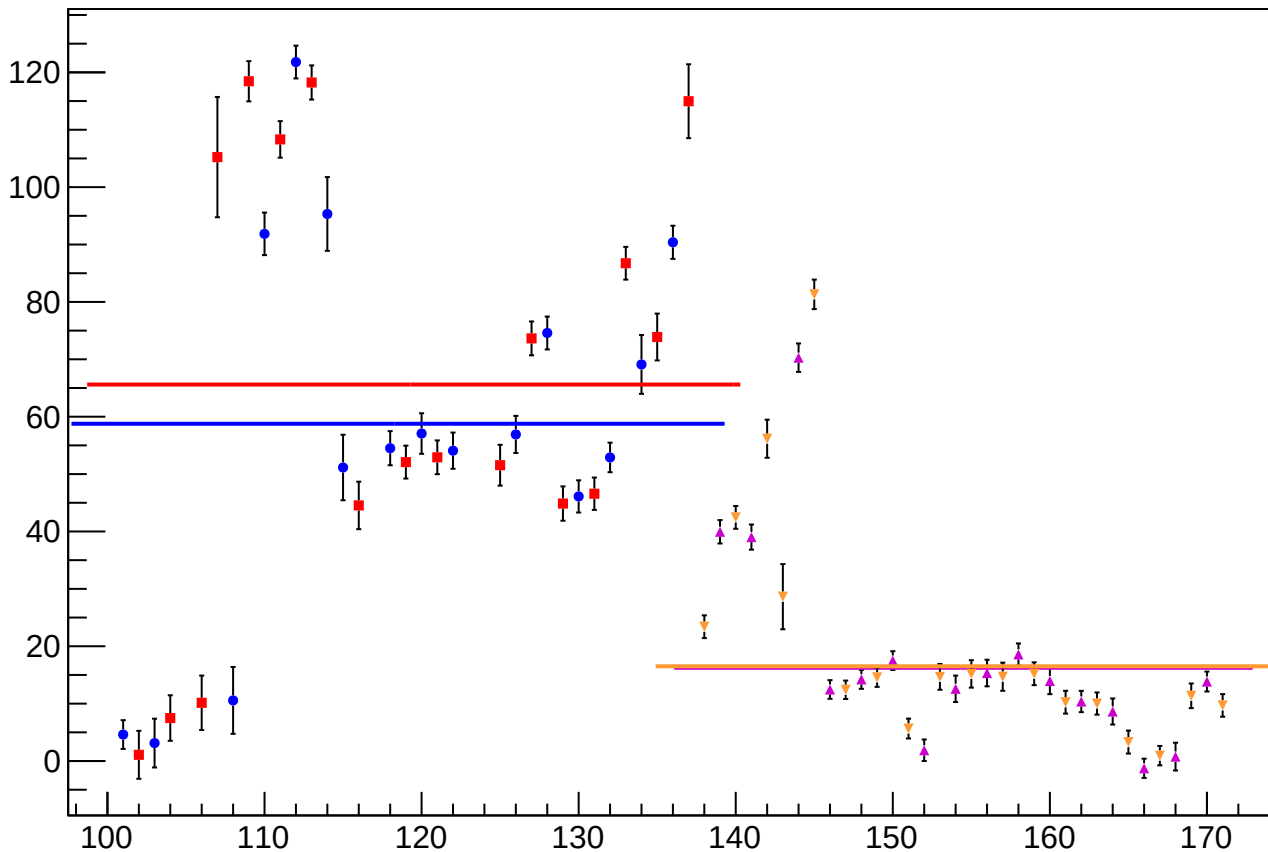
Right: 7.862 ± 0.312 χ^2/NDF : 802.4/32

In: 4.238 ± 0.274 χ^2/NDF : 646.4/31

Out: 4.686 ± 0.272 χ^2/NDF : 599.1/34

All: 4.463 ± 0.193 χ^2/NDF : 1246.8/66

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.513 $\pm$ 0.485 χ^2 /NDF:1183.6/17

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 16.245 $\pm$ 0.488 χ^2 /NDF:963.2/15

Left: 16.380 $\pm$ 0.344 χ^2 /NDF: 2146.9/33

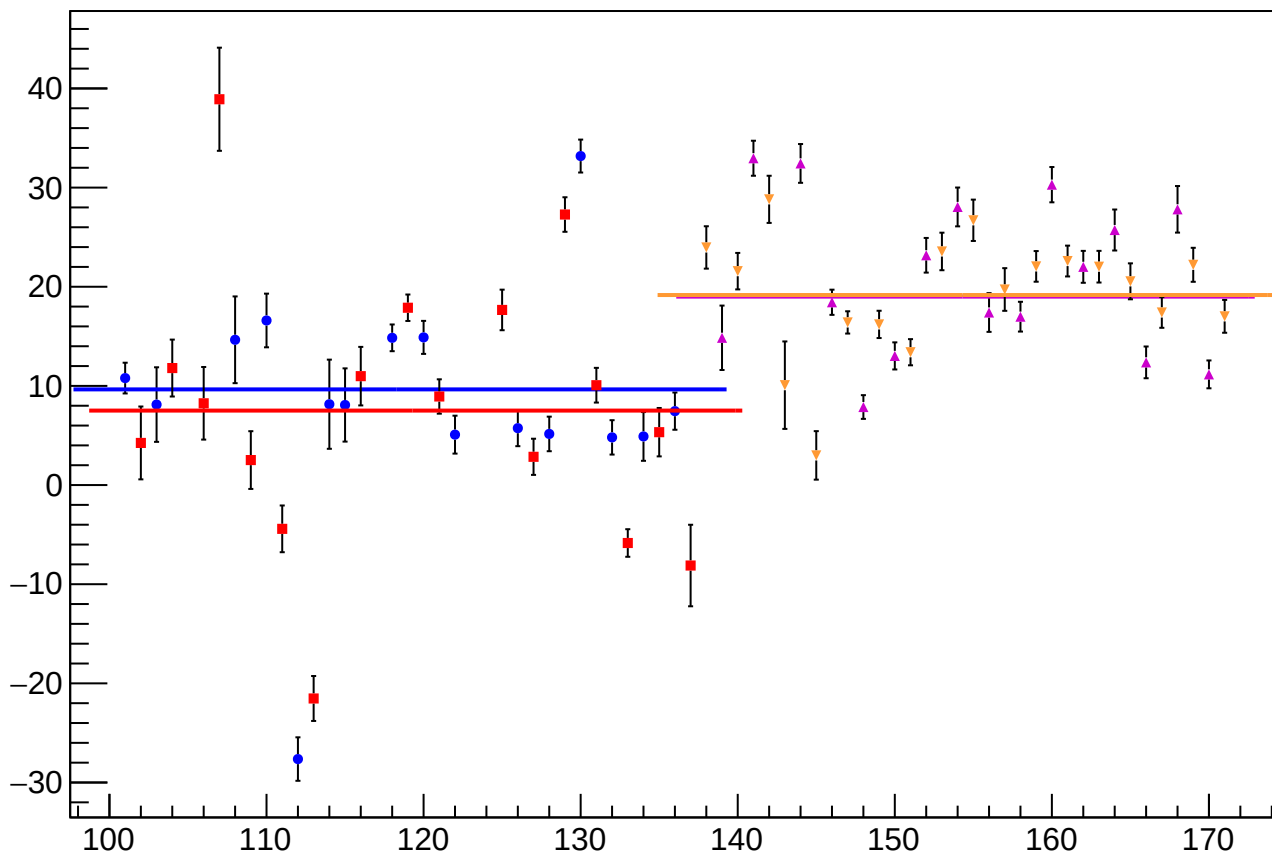
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 27.118 $\pm$ 0.421 χ^2 /NDF:4396.7/31

Out: 28.671 $\pm$ 0.420 χ^2 /NDF:5350.0/34

All: 27.896 $\pm$ 0.298 χ^2 /NDF: 9753.6/66

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: 19.165 $\pm$ 0.402 χ^2 /NDF:137.8/17

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 19.004 $\pm$ 0.414 χ^2 /NDF:363.4/15

Left: 19.087 $\pm$ 0.288 χ^2 /NDF: 501.3/33

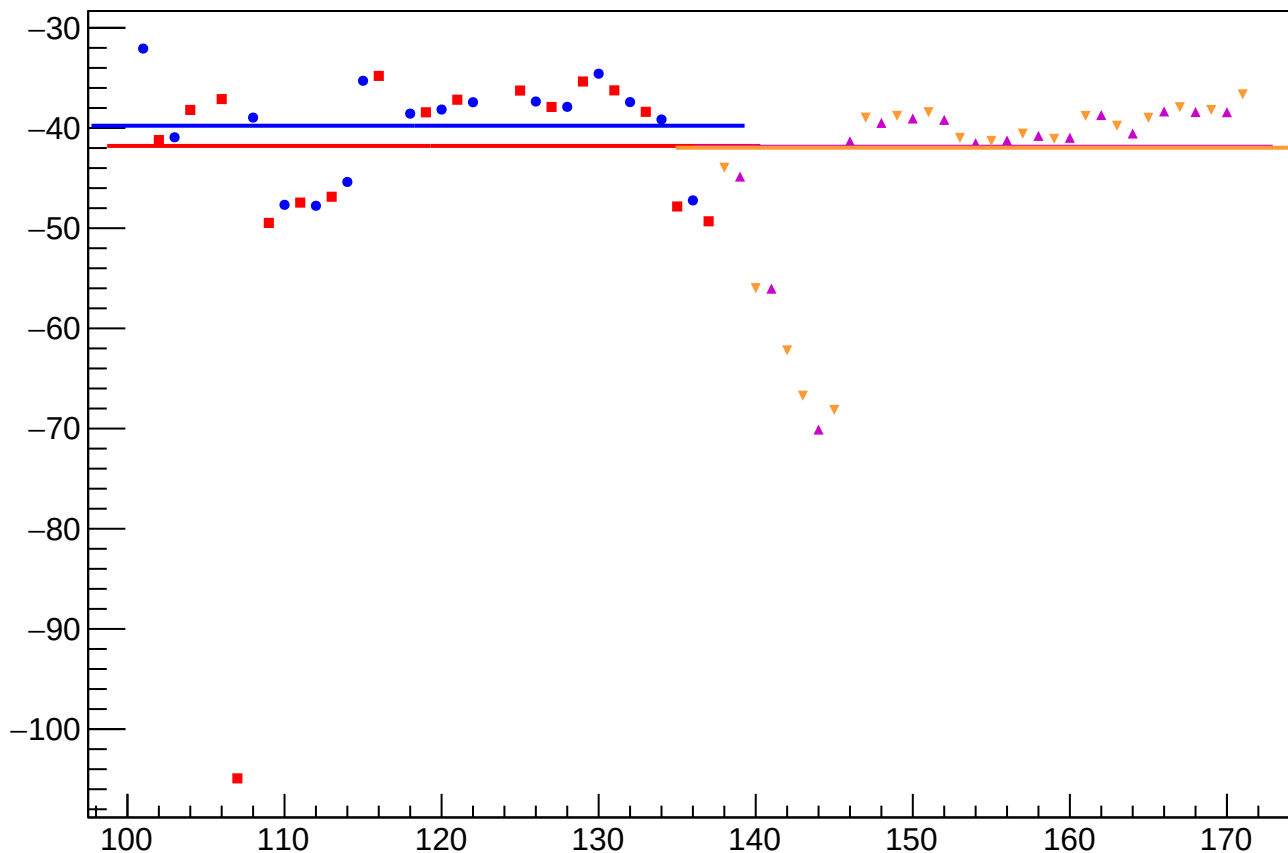
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.219 $\pm$ 0.319 χ^2 /NDF:1123.8/31

Out: 14.765 $\pm$ 0.317 χ^2 /NDF:1019.0/34

All: 14.991 $\pm$ 0.225 χ^2 /NDF: 2143.9/66

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: -41.966 ± 0.019 $\chi^2/\text{NDF}: 149728.5/17$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -41.867 ± 0.019 $\chi^2/\text{NDF}: 107998.5/15$

Left: -41.917 ± 0.014 $\chi^2/\text{NDF}: 257740.3/33$

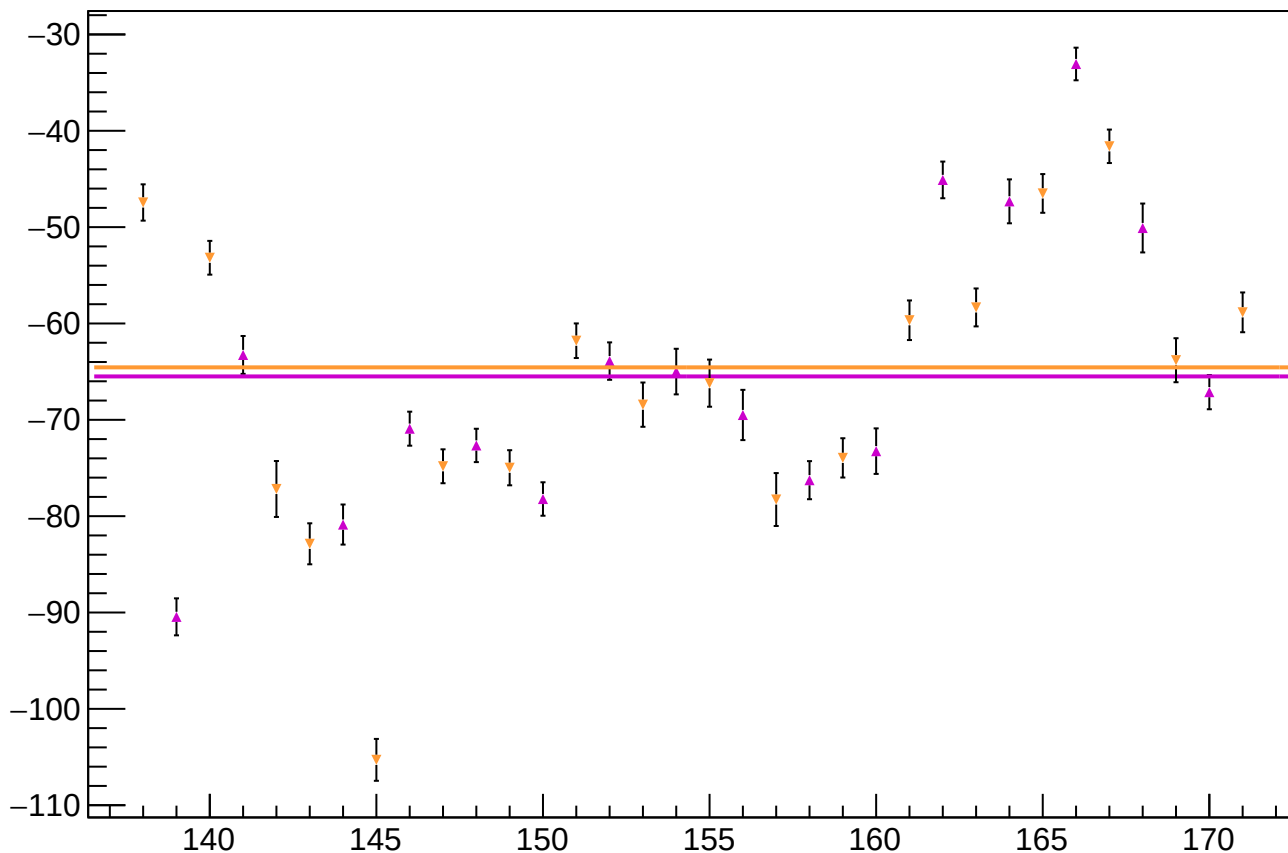
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -41.285 ± 0.016 $\chi^2/\text{NDF}: 137454.4/31$

Out: -41.918 ± 0.016 $\chi^2/\text{NDF}: 242760.9/34$

All: -41.603 ± 0.012 $\chi^2/\text{NDF}: 380963.4/66$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -64.555+/-0.481 χ^2/NDF :966.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -65.495+/-0.496 χ^2/NDF :931.6/15

Left: -65.011+/-0.345 χ^2/NDF : 1899.4/33

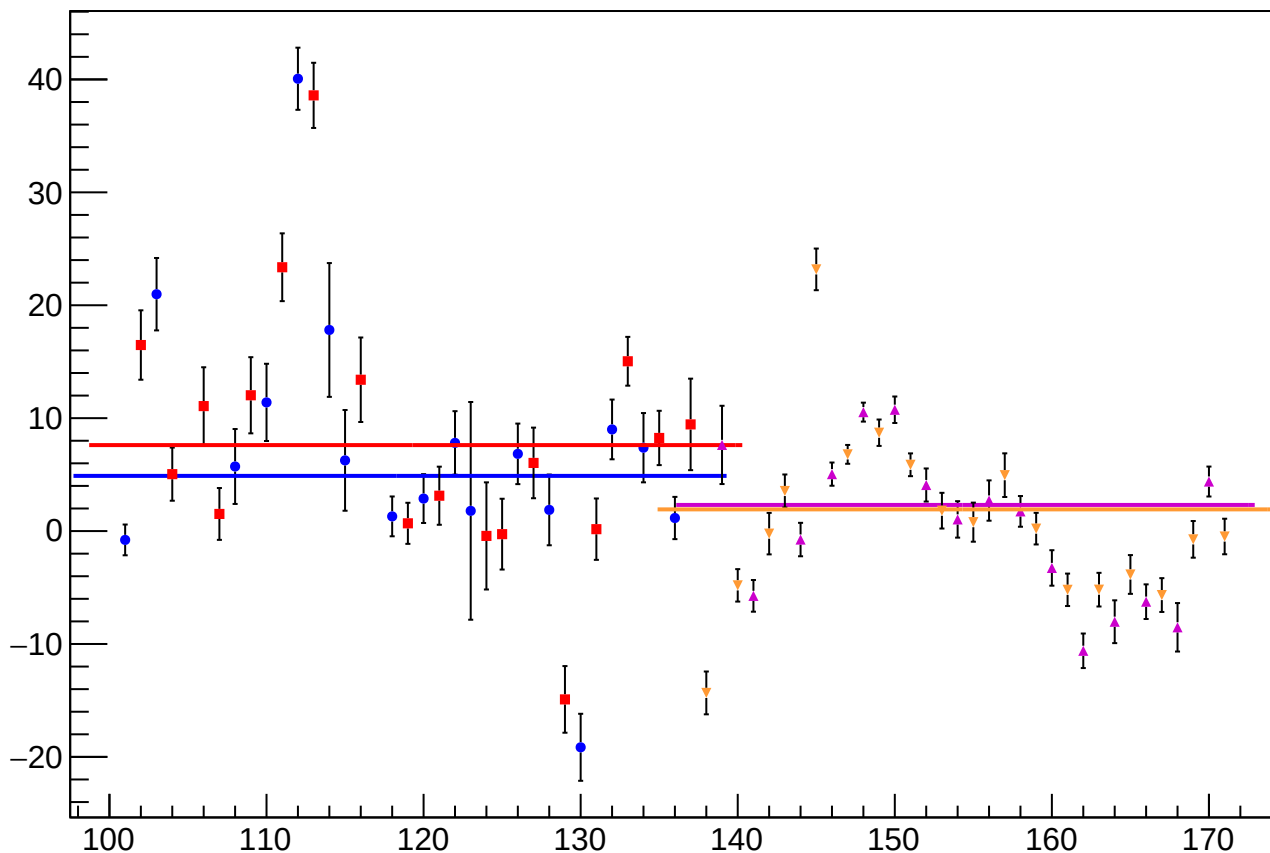
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.495+/-0.496 χ^2/NDF :931.6/15

Out: -64.555+/-0.481 χ^2/NDF :966.0/17

All: -65.011+/-0.345 χ^2/NDF : 1899.4/33

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: 1.921 ± 0.334 $\chi^2/\text{NDF}: 407.7/17$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 2.315 ± 0.350 $\chi^2/\text{NDF}: 369.4/15$

Left: 2.109 ± 0.241 $\chi^2/\text{NDF}: 777.7/33$

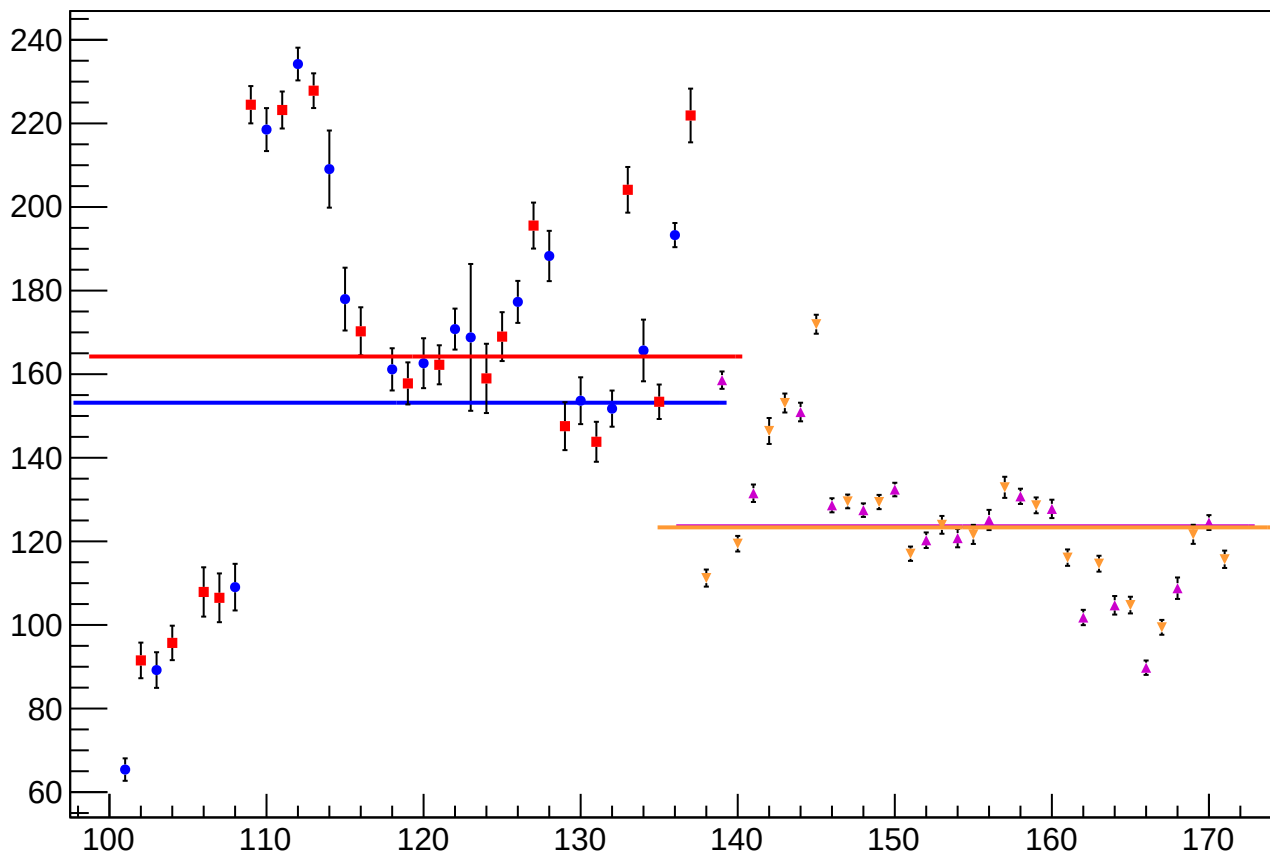
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 2.934 ± 0.305 $\chi^2/\text{NDF}: 677.1/32$

Out: 3.102 ± 0.297 $\chi^2/\text{NDF}: 737.2/35$

All: 3.020 ± 0.213 $\chi^2/\text{NDF}: 1414.5/68$

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: 123.346 $\pm$ 0.474 χ^2 /NDF:1104.6/17

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 123.613 $\pm$ 0.485 χ^2 /NDF:1149.5/15

Left: 123.476 $\pm$ 0.339 χ^2 /NDF: 2254.2/33

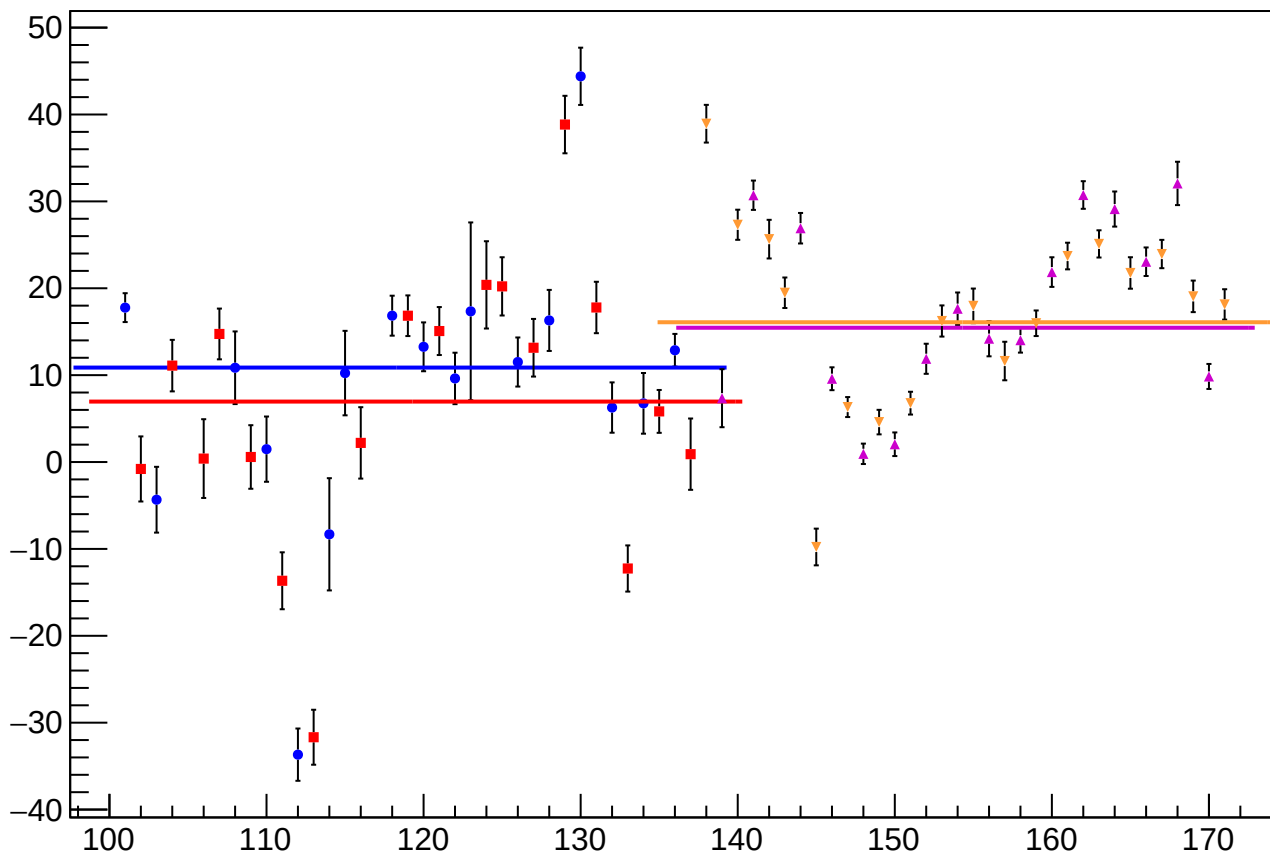
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 128.101 $\pm$ 0.447 χ^2 /NDF:3977.7/32

Out: 129.002 $\pm$ 0.440 χ^2 /NDF:3688.3/35

All: 128.558 $\pm$ 0.313 χ^2 /NDF: 7668.1/68

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 $\chi^2/\text{NDF}: 386.7/16$

Left Out: 16.089 ± 0.392 $\chi^2/\text{NDF}: 613.4/17$

Right Out: 6.958 ± 0.749 $\chi^2/\text{NDF}: 422.3/17$

Left In: 15.456 ± 0.410 $\chi^2/\text{NDF}: 640.1/15$

Left: 15.786 ± 0.283 $\chi^2/\text{NDF}: 1254.7/33$

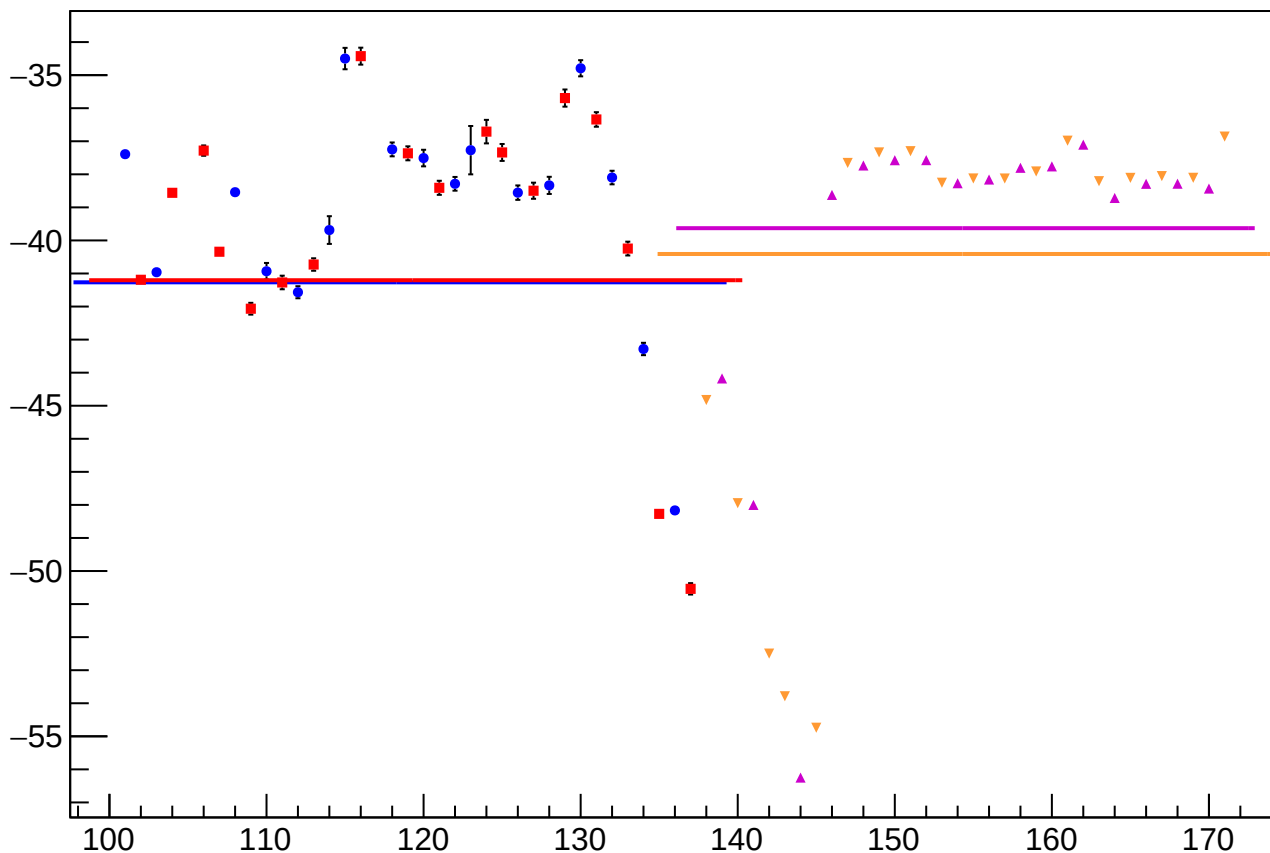
Right: 9.008 ± 0.517 $\chi^2/\text{NDF}: 823.3/34$

In: 14.321 ± 0.355 $\chi^2/\text{NDF}: 1057.8/32$

Out: 14.126 ± 0.347 $\chi^2/\text{NDF}: 1152.3/35$

All: 14.221 ± 0.248 $\chi^2/\text{NDF}: 2210.2/68$

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: -40.410 ± 0.019 $\chi^2/\text{NDF}: 84283.9/17$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.629 ± 0.019 $\chi^2/\text{NDF}: 49470.7/15$

Left: -40.029 ± 0.013 $\chi^2/\text{NDF}: 134603.5/33$

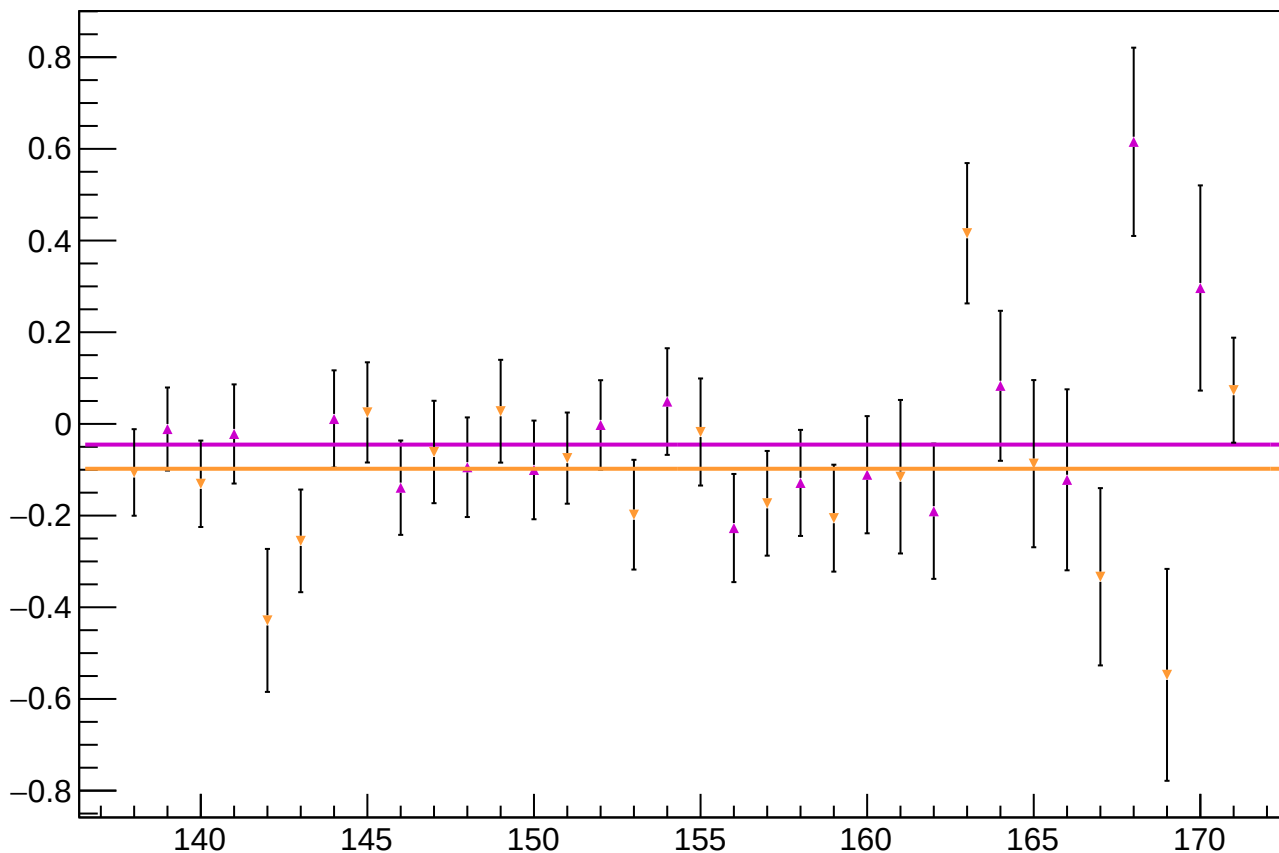
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.954 ± 0.017 $\chi^2/\text{NDF}: 63500.9/32$

Out: -40.560 ± 0.017 $\chi^2/\text{NDF}: 96631.2/35$

All: -40.262 ± 0.012 $\chi^2/\text{NDF}: 160764.7/68$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15

Left: -0.073 $\pm$ 0.021 χ^2 /NDF: 52.3/33

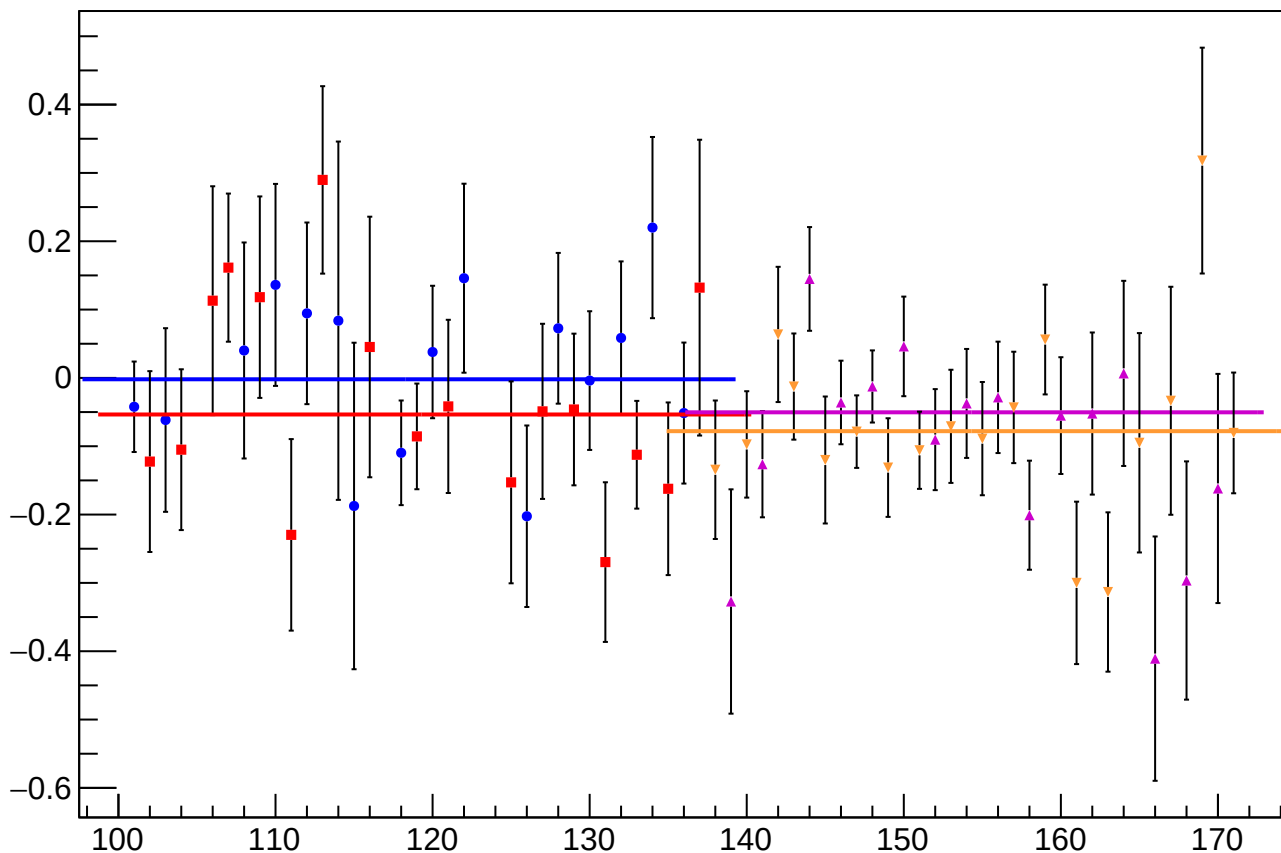
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.045 $\pm$ 0.030 χ^2 /NDF:20.2/15

Out: -0.098 $\pm$ 0.029 χ^2 /NDF:30.5/17

All: -0.073 $\pm$ 0.021 χ^2 /NDF: 52.3/33

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.078 ± 0.020 $\chi^2/\text{NDF}: 20.5/17$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.050 ± 0.021 $\chi^2/\text{NDF}: 23.4/15$

Left: -0.065 ± 0.015 $\chi^2/\text{NDF}: 44.8/33$

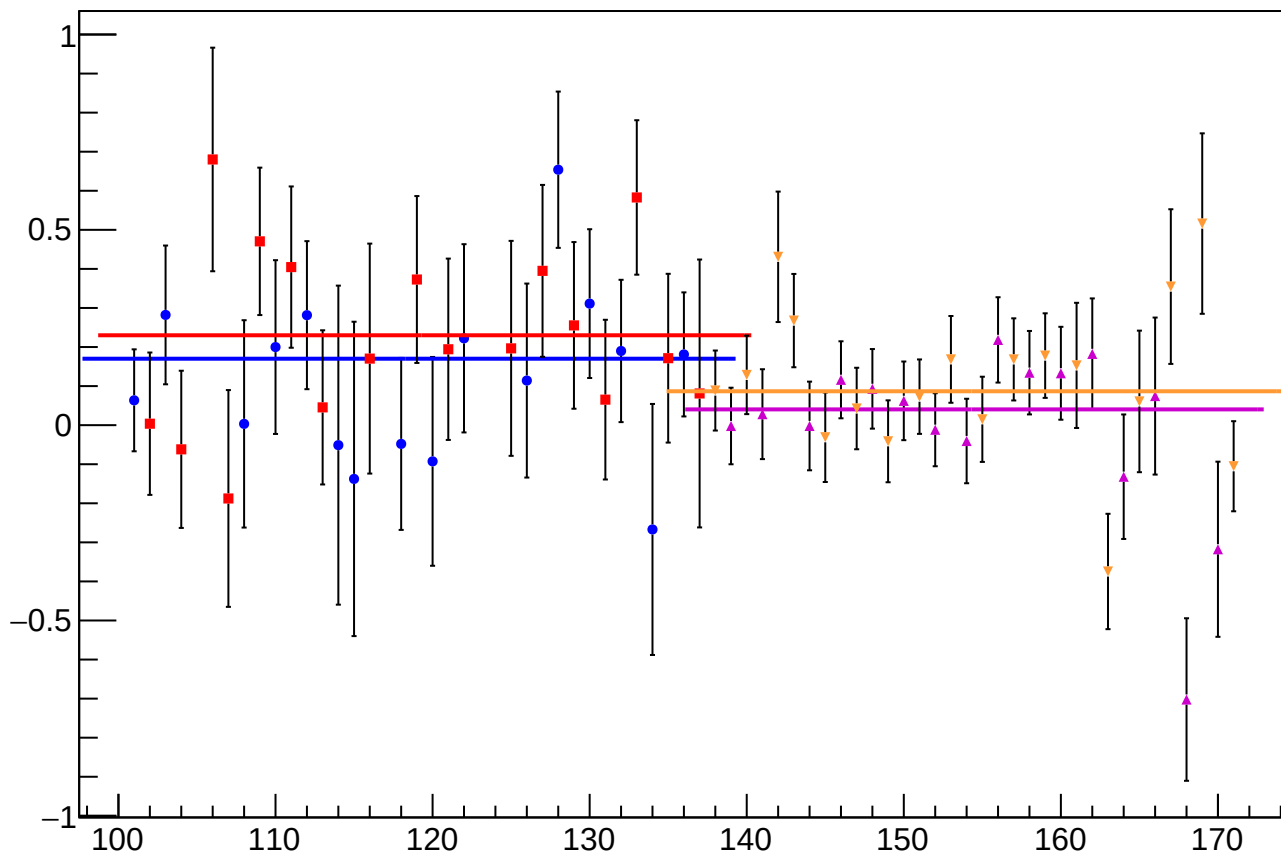
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.033 ± 0.017 $\chi^2/\text{NDF}: 37.3/31$

Out: -0.070 ± 0.017 $\chi^2/\text{NDF}: 41.9/34$

All: -0.052 ± 0.012 $\chi^2/\text{NDF}: 81.7/66$

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: 0.087 $\pm$ 0.028 χ^2 /NDF: 29.8/17

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.040 $\pm$ 0.029 χ^2 /NDF: 23.6/15

Left: 0.064 $\pm$ 0.020 χ^2 /NDF: 54.7/33

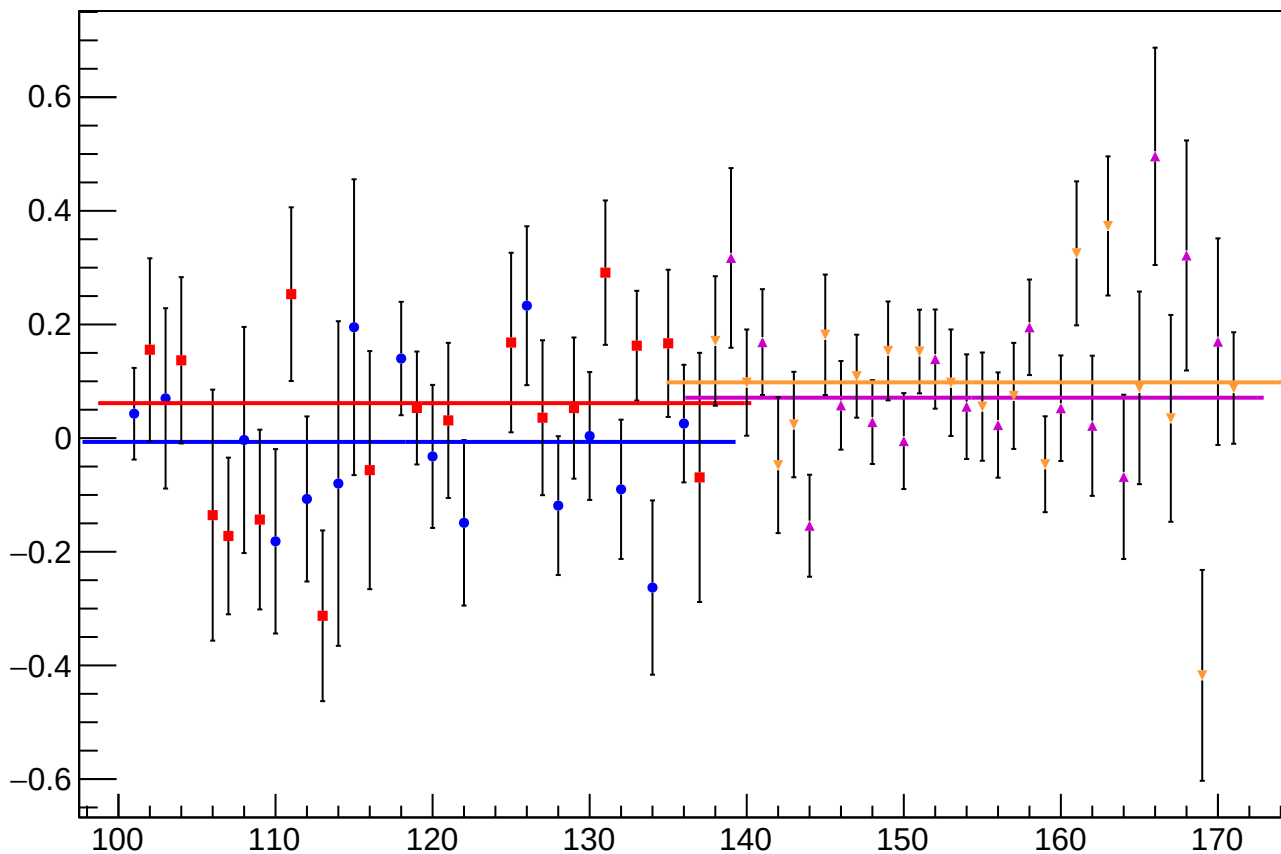
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.072 $\pm$ 0.026 χ^2 /NDF: 41.3/31

Out: 0.118 $\pm$ 0.025 χ^2 /NDF: 52.1/34

All: 0.095 $\pm$ 0.018 χ^2 /NDF: 95.1/66

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.024 χ^2/NDF : 23.4/17

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.071 ± 0.025 χ^2/NDF : 22.0/15

Left: 0.085 ± 0.017 χ^2/NDF : 46.0/33

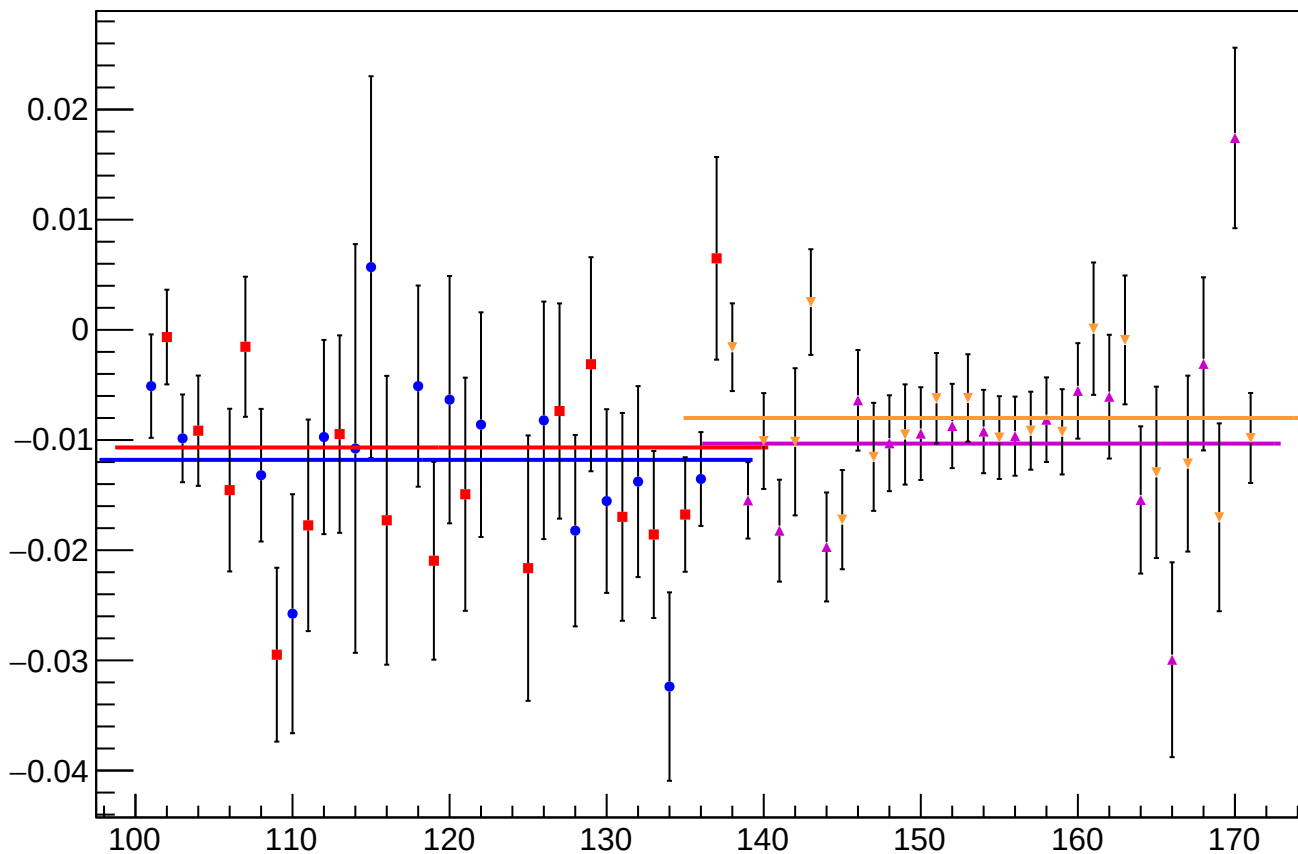
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.042 ± 0.020 χ^2/NDF : 38.8/31

Out: 0.086 ± 0.019 χ^2/NDF : 44.2/34

All: 0.065 ± 0.014 χ^2/NDF : 85.5/66

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.7/17

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.009 ± 0.001 χ^2/NDF : 50.6/33

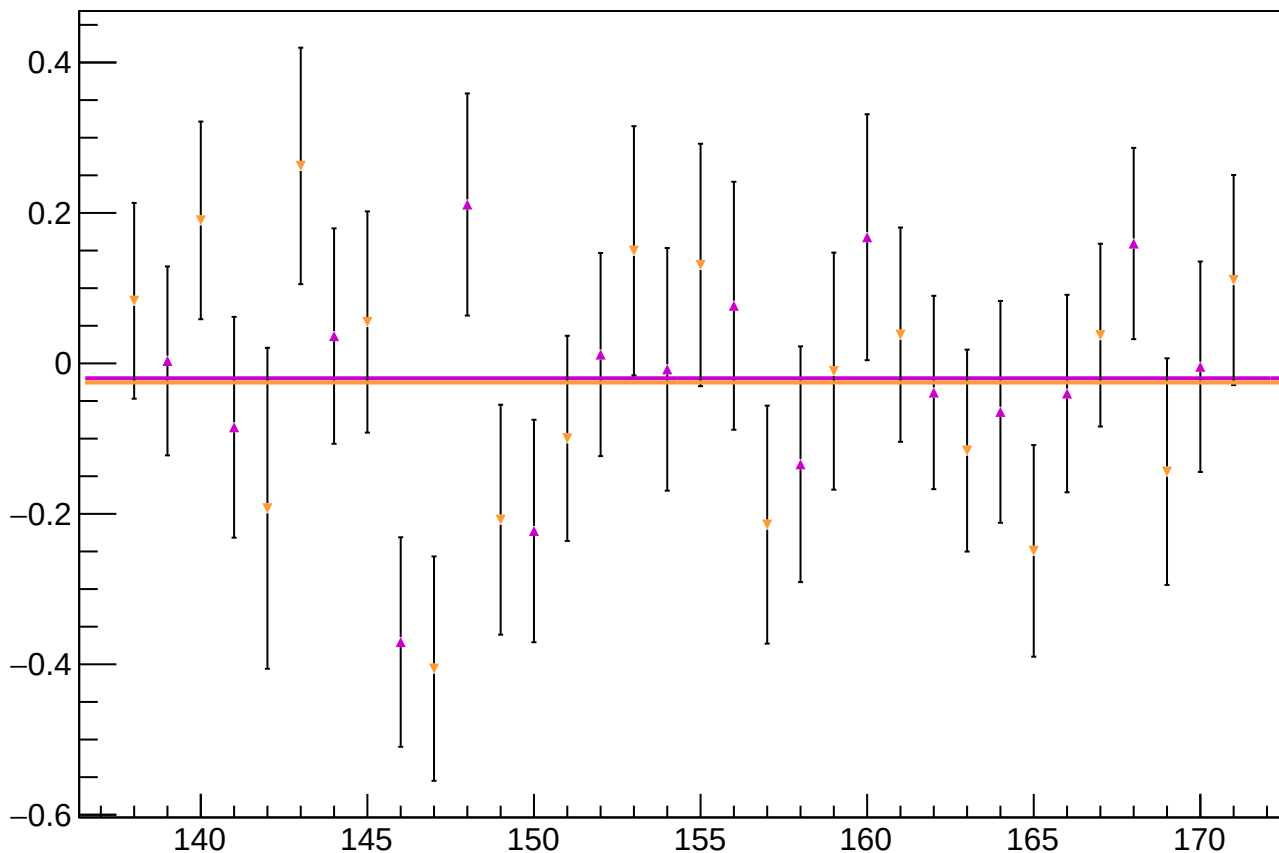
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 43.0/31

Out: -0.009 ± 0.001 χ^2/NDF : 44.1/34

All: -0.010 ± 0.001 χ^2/NDF : 89.4/66

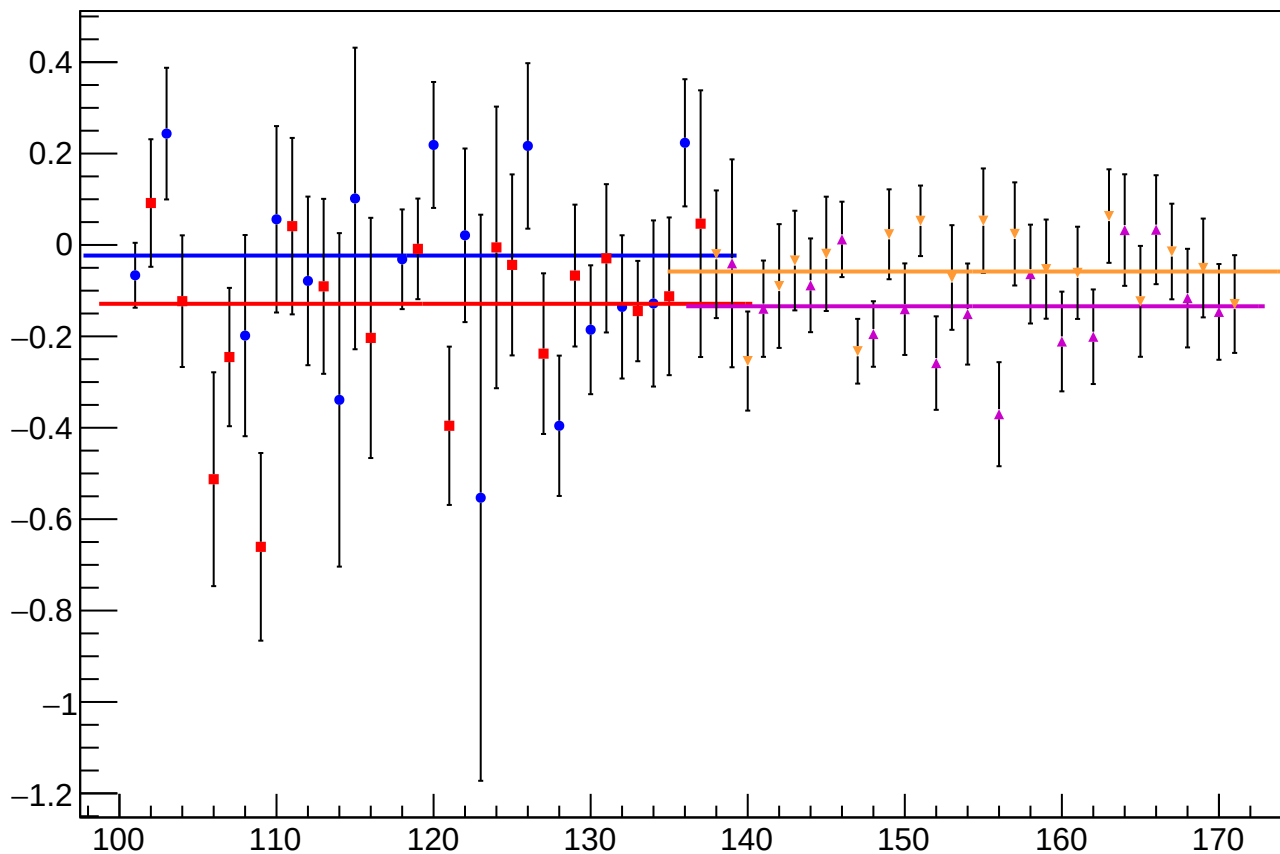
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15

Left: -0.023 $\pm$ 0.025 χ^2 /NDF: 39.9/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.020 $\pm$ 0.036 χ^2 /NDF:15.4/15
 Out: -0.025 $\pm$ 0.034 χ^2 /NDF:24.4/17
 All: -0.023 $\pm$ 0.025 χ^2 /NDF: 39.9/33

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.058 ± 0.025 χ^2/NDF : 16.2/17

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.134 ± 0.026 χ^2/NDF : 15.3/15

Left: -0.094 ± 0.018 χ^2/NDF : 36.0/33

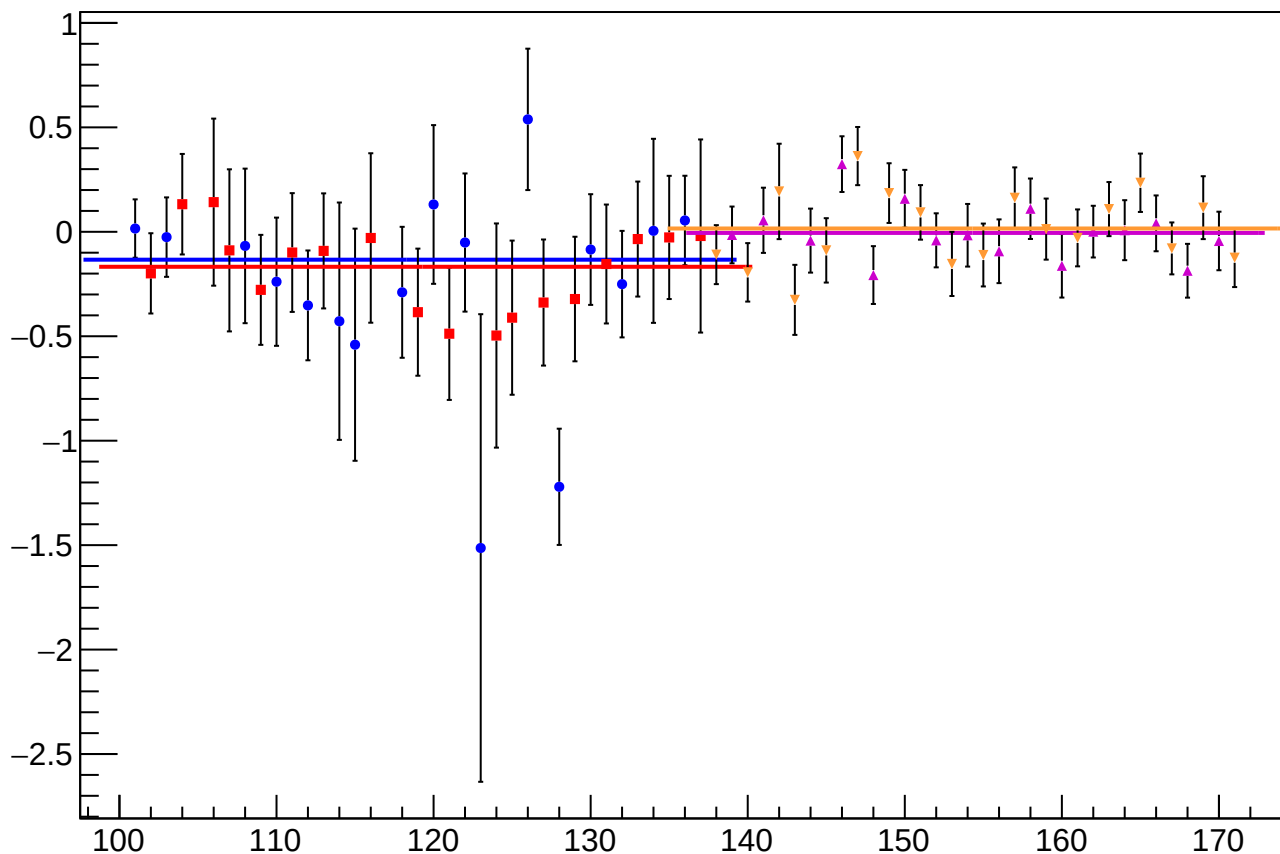
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.097 ± 0.021 χ^2/NDF : 43.8/32

Out: -0.078 ± 0.021 χ^2/NDF : 37.1/35

All: -0.087 ± 0.015 χ^2/NDF : 81.3/68

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.016 ± 0.034 χ^2/NDF : 24.3/17

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.005 ± 0.035 χ^2/NDF : 14.1/15

Left: 0.006 ± 0.024 χ^2/NDF : 38.6/33

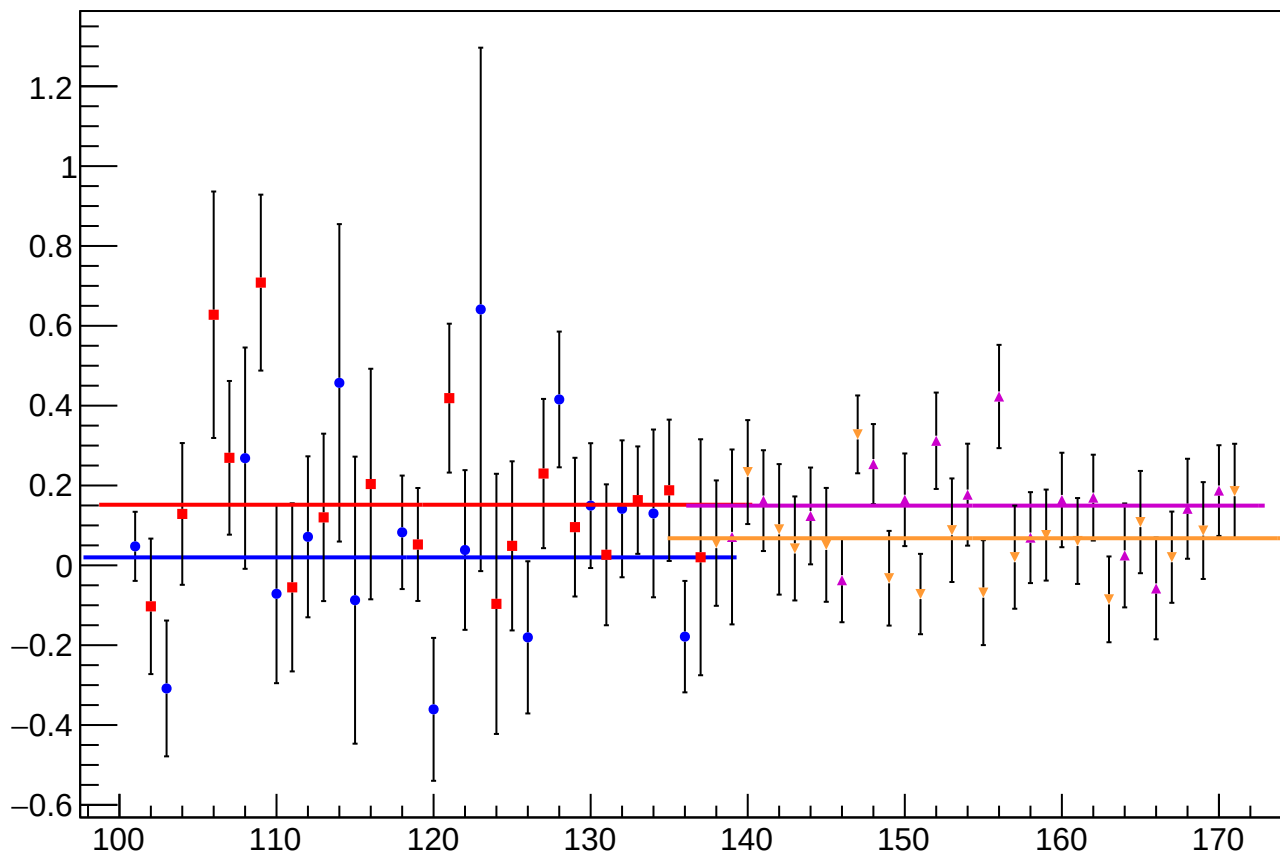
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.033 ± 0.031 χ^2/NDF : 42.8/32

Out: -0.018 ± 0.031 χ^2/NDF : 35.8/35

All: -0.026 ± 0.022 χ^2/NDF : 78.7/68

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.068 ± 0.029 χ^2/NDF : 16.0/17

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.150 ± 0.030 χ^2/NDF : 15.0/15

Left: 0.107 ± 0.021 χ^2/NDF : 34.9/33

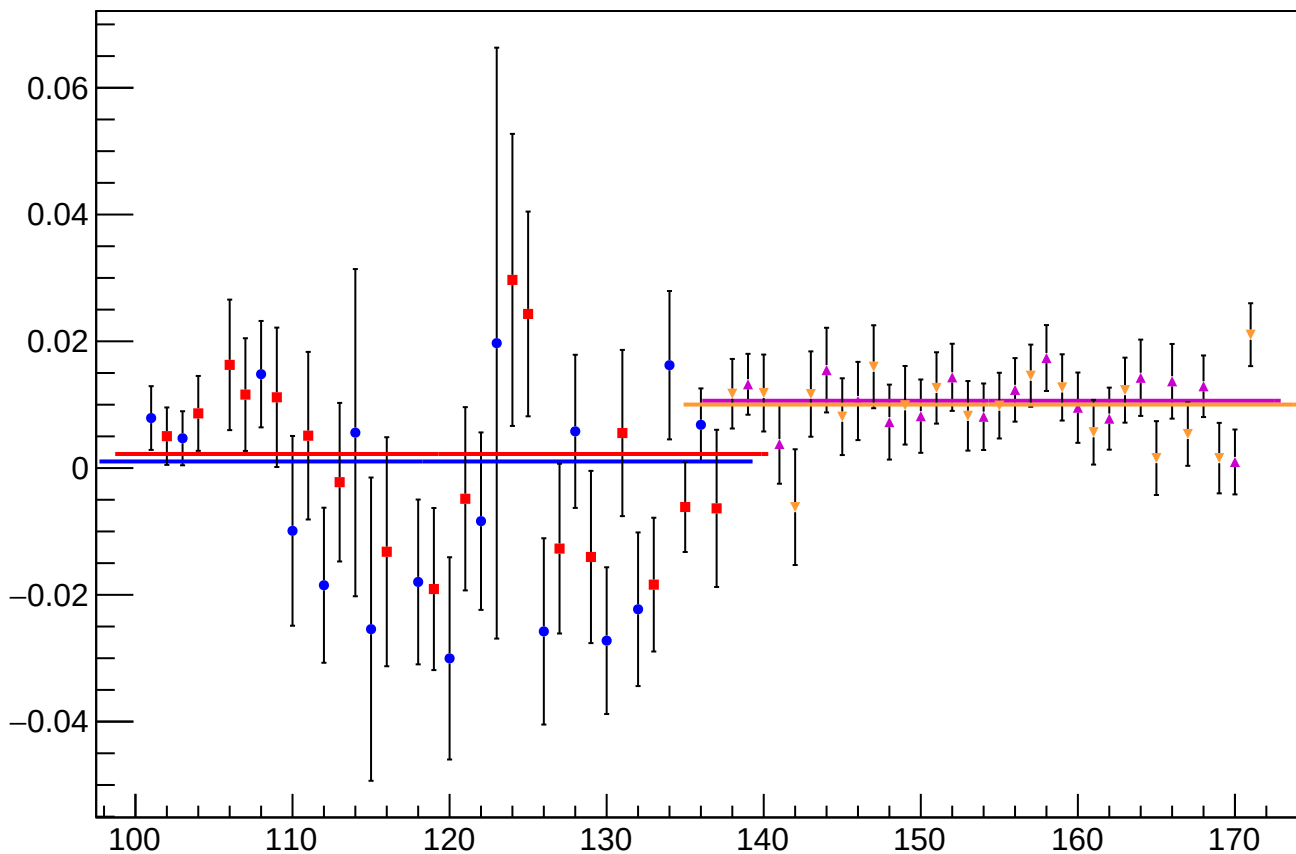
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.106 ± 0.025 χ^2/NDF : 43.0/32

Out: 0.092 ± 0.024 χ^2/NDF : 35.3/35

All: 0.099 ± 0.017 χ^2/NDF : 78.4/68

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2/NDF :16.9/17

Right Out: 0.002 $\pm$ 0.002 χ^2/NDF : 20.8/17

Left In: 0.011 $\pm$ 0.001 χ^2/NDF :9.8/15

Left: 0.010 $\pm$ 0.001 χ^2/NDF : 26.8/33

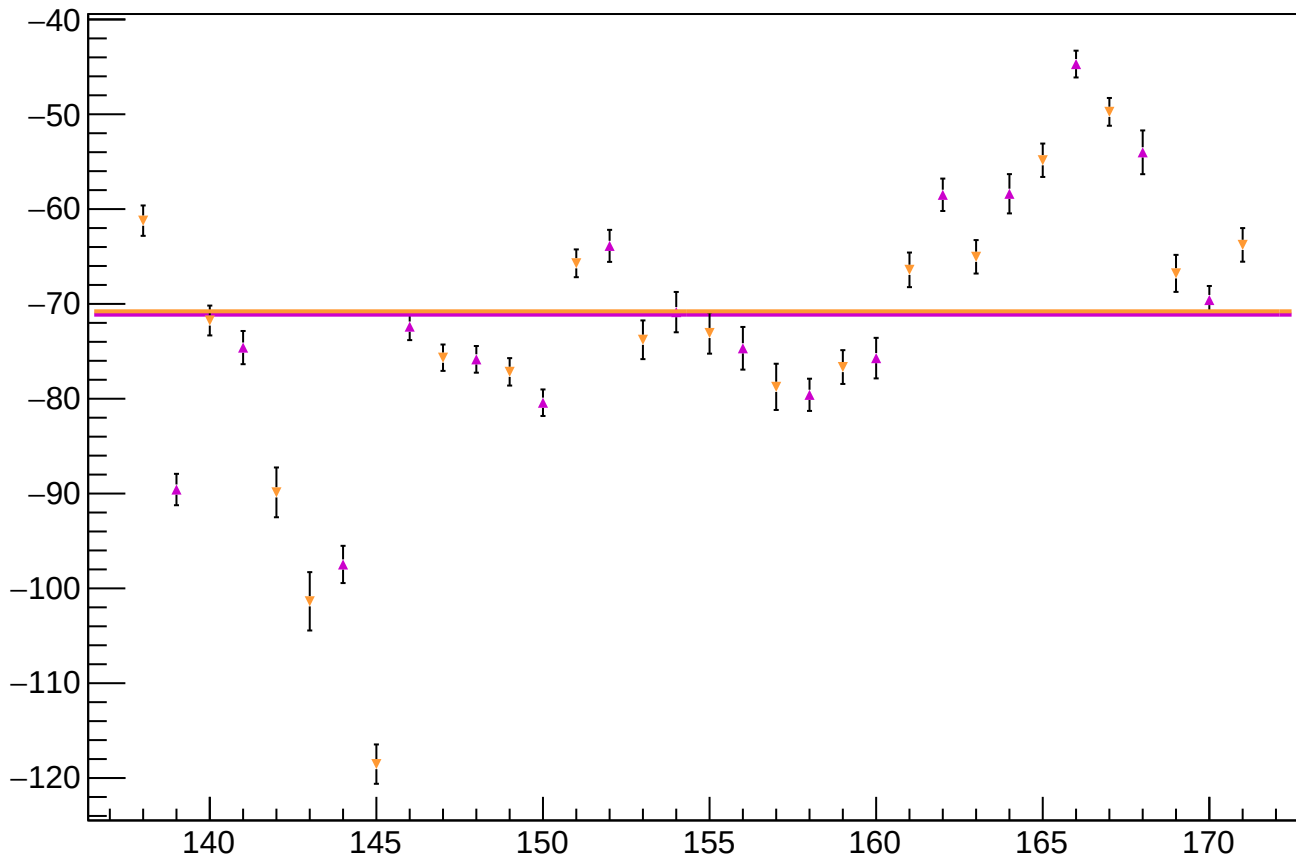
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.008 $\pm$ 0.001 χ^2/NDF :55.3/32

Out: 0.008 $\pm$ 0.001 χ^2/NDF :46.5/35

All: 0.008 $\pm$ 0.001 χ^2/NDF : 101.7/68

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.134+/-0.426 χ^2/NDF :913.4/15

Left: -70.955+/-0.299 χ^2/NDF : 2023.4/33

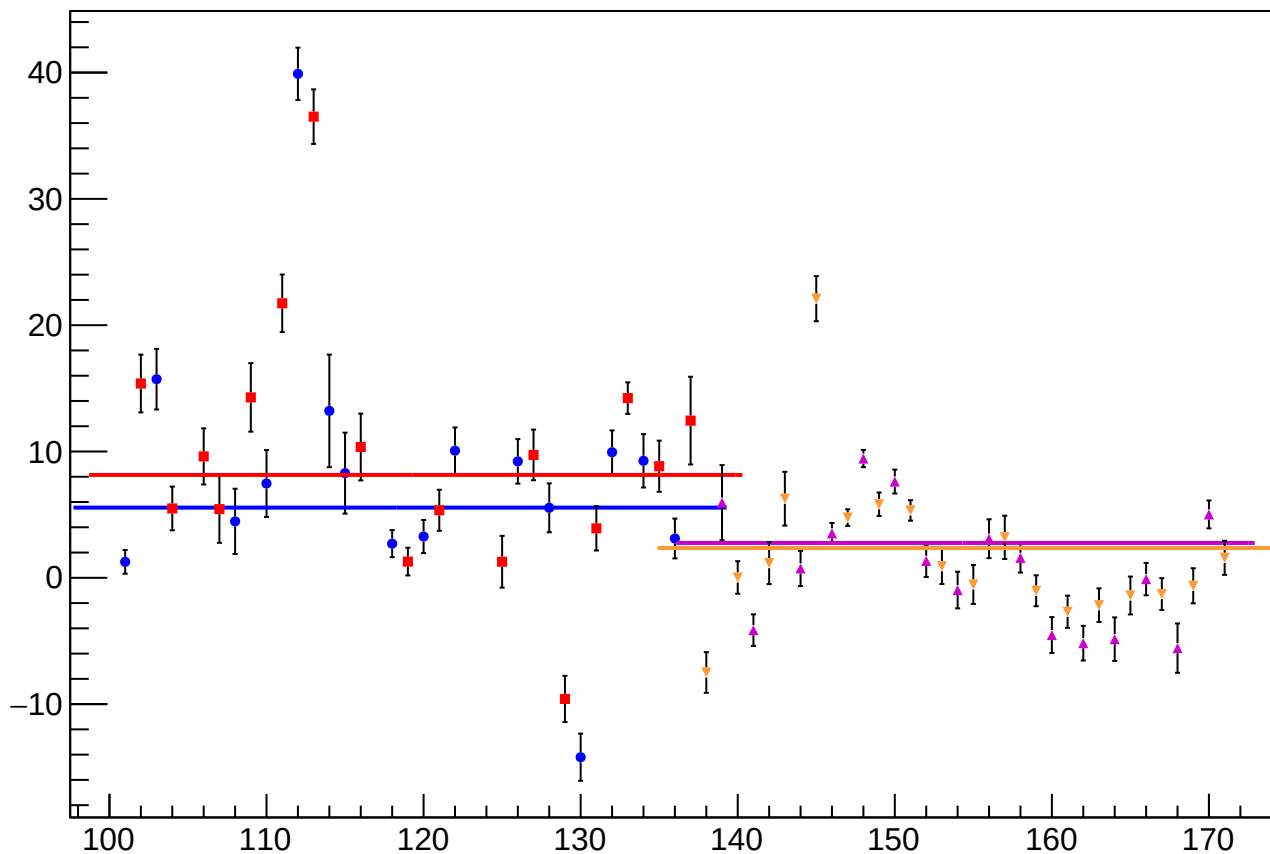
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.134+/-0.426 χ^2/NDF :913.4/15

Out: -70.780+/-0.420 χ^2/NDF :1109.7/17

All: -70.955+/-0.299 χ^2/NDF : 2023.4/33

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.359 ± 0.287 $\chi^2/\text{NDF}: 266.5/17$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.759 ± 0.297 $\chi^2/\text{NDF}: 272.7/15$

Left: 2.552 ± 0.207 $\chi^2/\text{NDF}: 540.2/33$

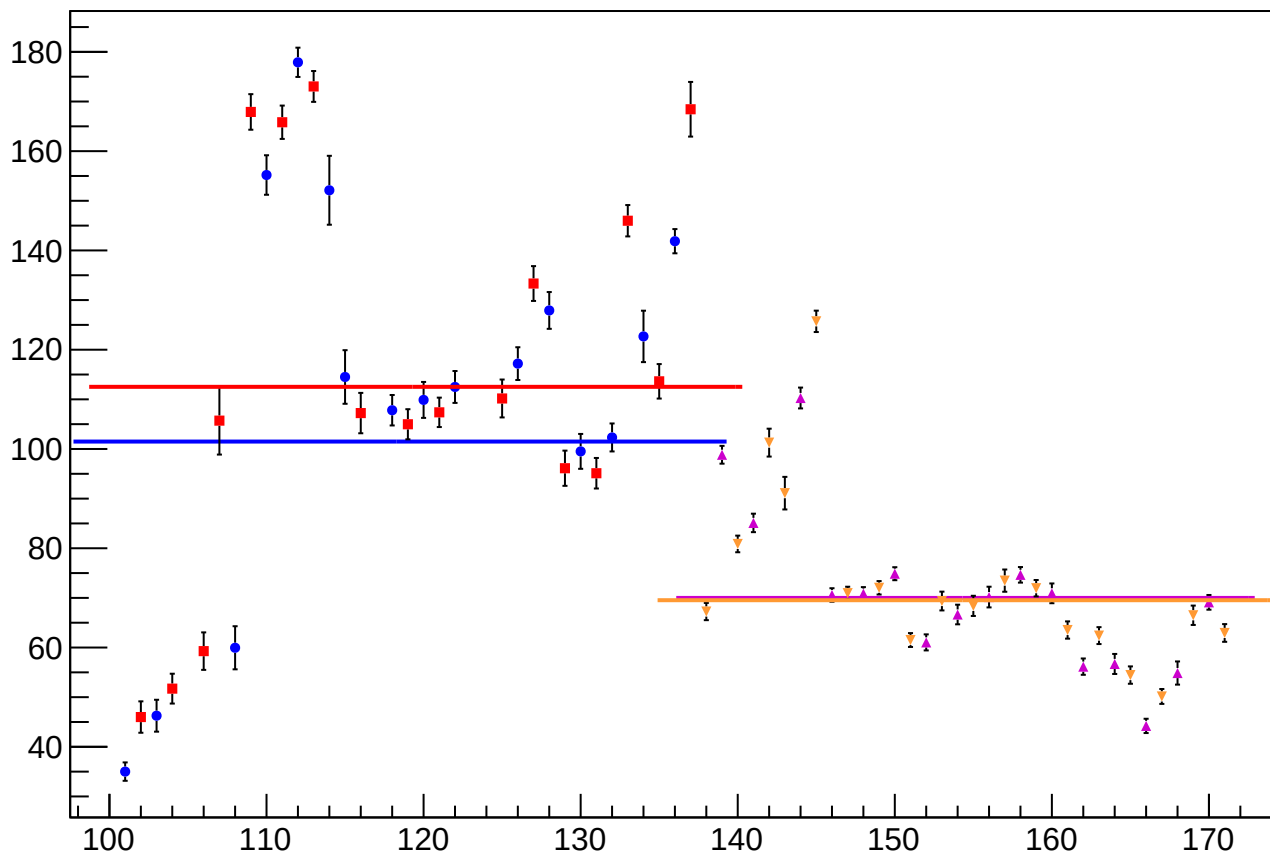
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.681 ± 0.243 $\chi^2/\text{NDF}: 763.9/31$

Out: 4.011 ± 0.243 $\chi^2/\text{NDF}: 789.2/34$

All: 3.847 ± 0.172 $\chi^2/\text{NDF}: 1554.1/66$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 69.535 $\pm$ 0.412 χ^2 /NDF:1228.3/17

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 69.994 $\pm$ 0.416 χ^2 /NDF:1227.6/15

Left: 69.762 $\pm$ 0.293 χ^2 /NDF: 2456.5/33

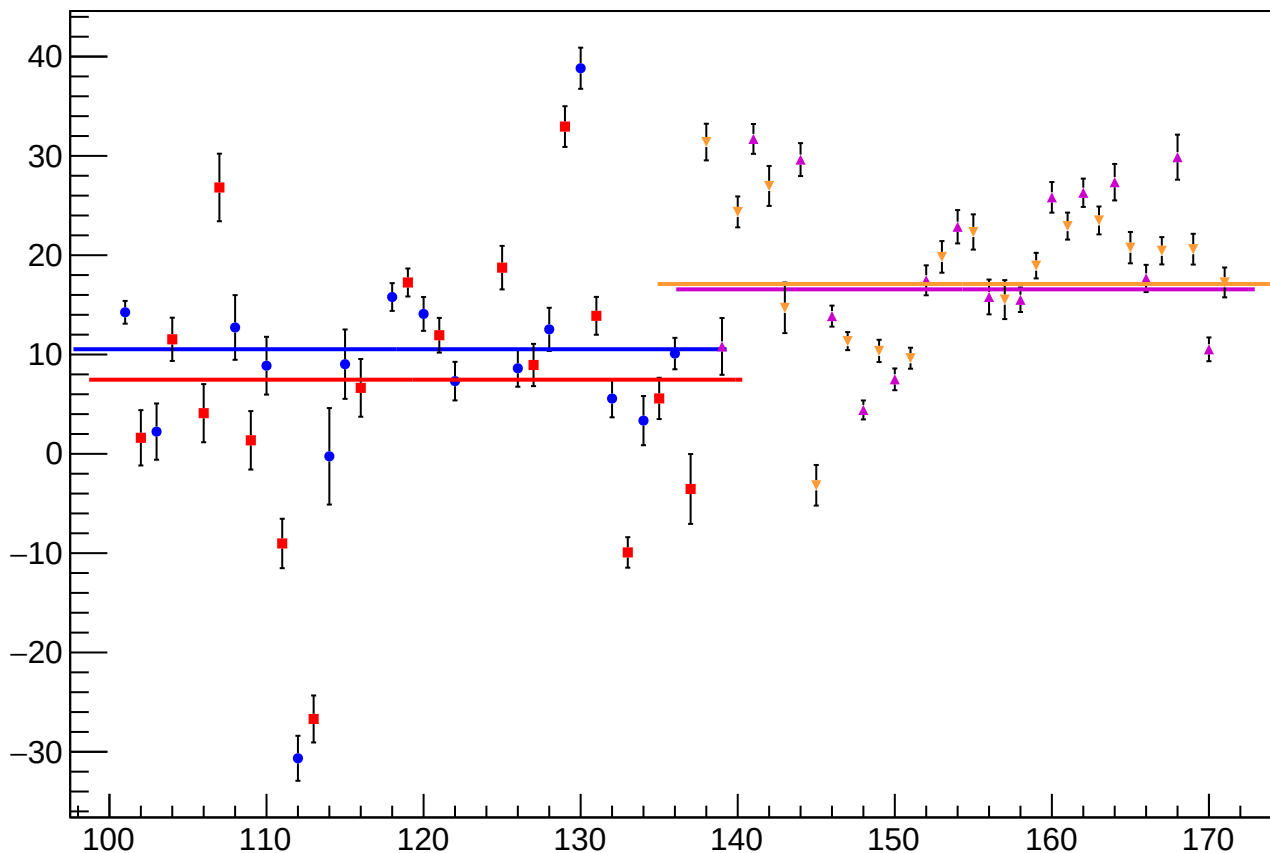
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 76.579 $\pm$ 0.370 χ^2 /NDF:5402.1/31

Out: 77.829 $\pm$ 0.370 χ^2 /NDF:5562.6/34

All: 77.202 $\pm$ 0.262 χ^2 /NDF: 10970.5/66

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532+/-0.493 χ^2/NDF : 580.3/15

Left Out: 17.104+/-0.340 χ^2/NDF : 401.1/17

Right Out: 7.466+/-0.525 χ^2/NDF : 685.0/16

Left In: 16.562+/-0.350 χ^2/NDF : 597.9/15

Left: 16.841+/-0.244 χ^2/NDF : 1000.2/33

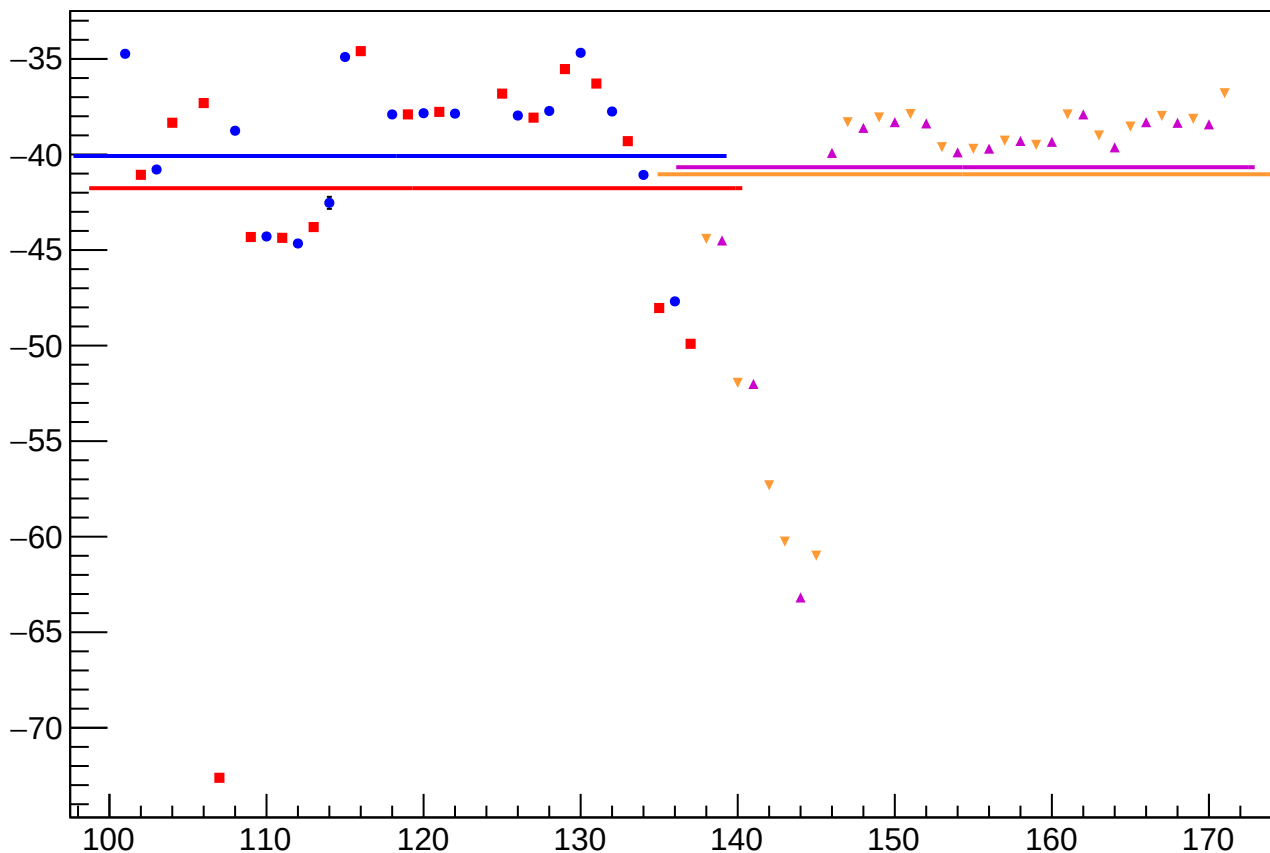
Right: 9.096+/-0.359 χ^2/NDF : 1283.4/32

In: 14.542+/-0.285 χ^2/NDF : 1277.7/31

Out: 14.260+/-0.285 χ^2/NDF : 1323.6/34

All: 14.401+/-0.202 χ^2/NDF : 2601.8/66

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -41.035 $\pm$ 0.016 χ^2 /NDF:143527.1/17

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -40.665 $\pm$ 0.016 χ^2 /NDF:97632.7/15

Left: -40.852 $\pm$ 0.012 χ^2 /NDF: 241413.7/33

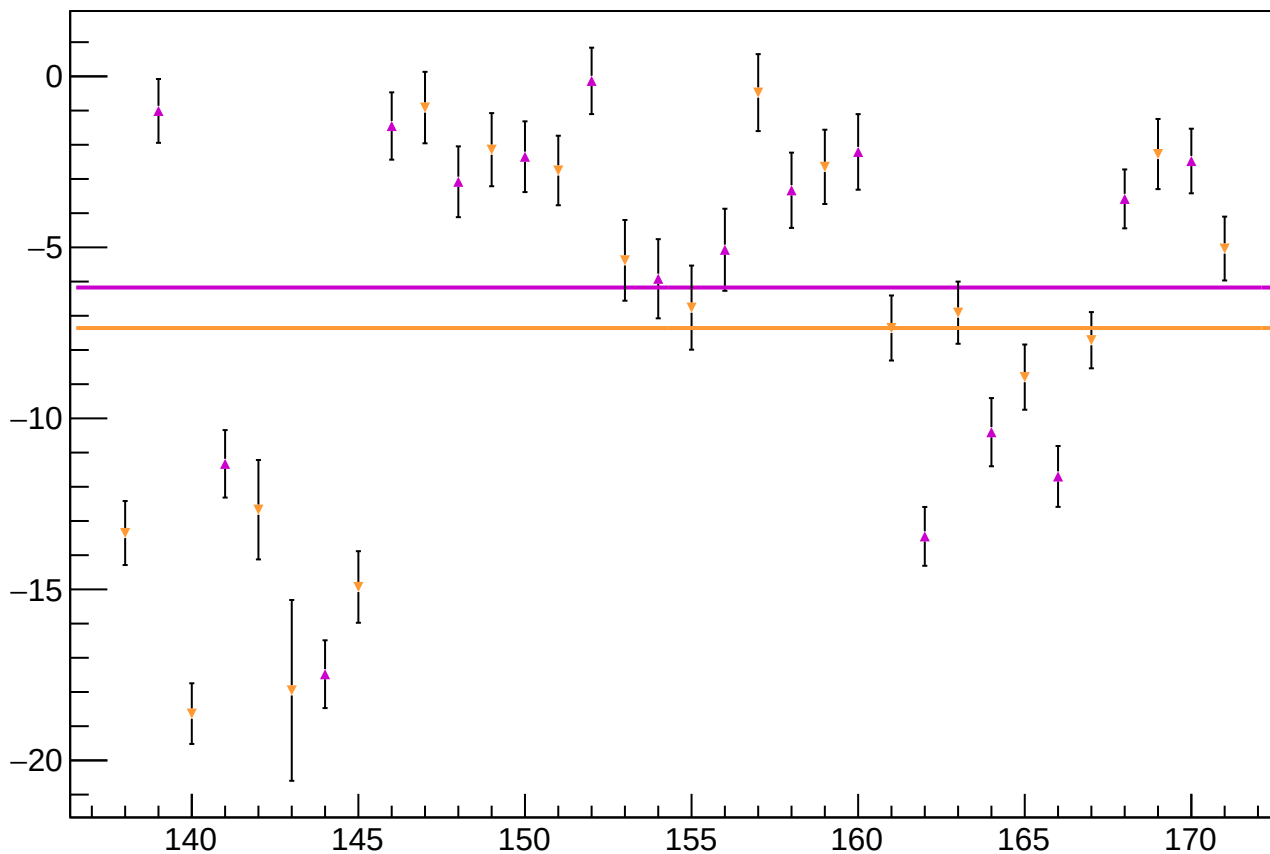
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -40.516 $\pm$ 0.014 χ^2 /NDF:123101.7/31

Out: -41.212 $\pm$ 0.014 χ^2 /NDF:204258.5/34

All: -40.864 $\pm$ 0.010 χ^2 /NDF: 328557.6/66

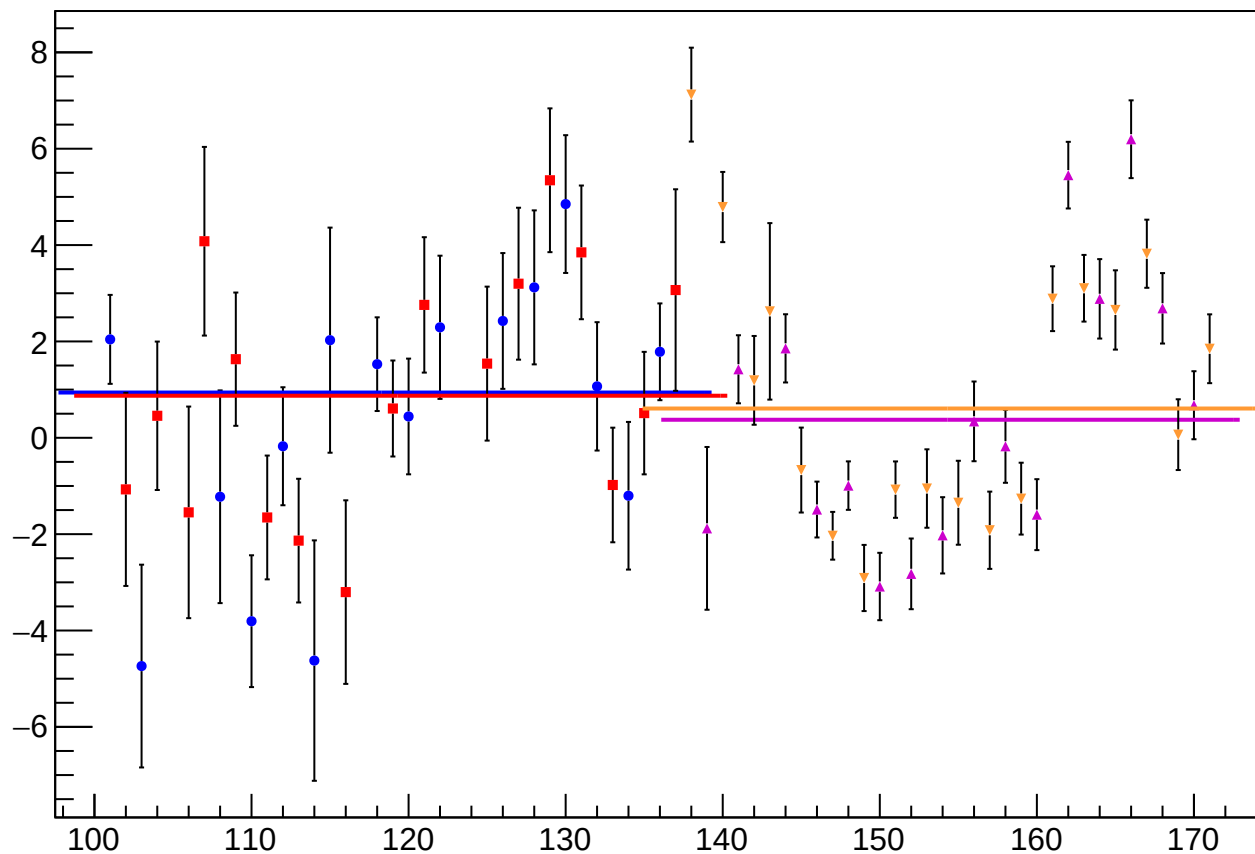
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15

Left: -6.773 $\pm$ 0.174 χ^2 /NDF: 916.6/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.174 $\pm$ 0.247 χ^2 /NDF:445.3/15
 Out: -7.359 $\pm$ 0.245 χ^2 /NDF:459.7/17
 All: -6.773 $\pm$ 0.174 χ^2 /NDF: 916.6/33

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 0.608 ± 0.175 χ^2/NDF : 224.5/17

Right Out: 0.873 ± 0.354 χ^2/NDF : 40.6/16

Left In: 0.374 ± 0.180 χ^2/NDF : 211.8/15

Left: 0.494 ± 0.126 χ^2/NDF : 437.2/33

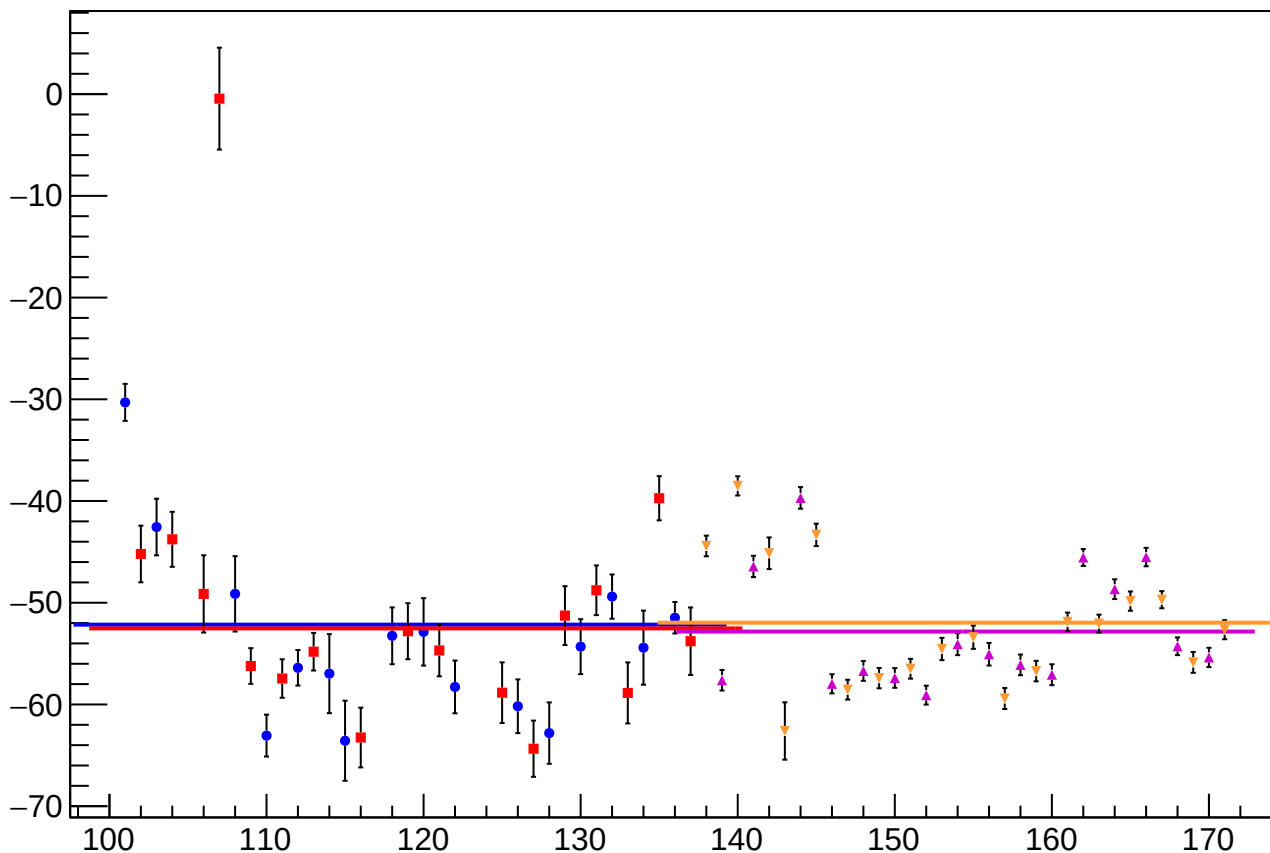
Right: 0.908 ± 0.245 χ^2/NDF : 82.8/32

In: 0.499 ± 0.159 χ^2/NDF : 256.2/31

Out: 0.660 ± 0.157 χ^2/NDF : 265.5/34

All: 0.581 ± 0.112 χ^2/NDF : 522.2/66

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -51.958 ± 0.241 χ^2/NDF : 558.7/17

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.835 ± 0.243 χ^2/NDF : 530.3/15

Left: -52.393 ± 0.171 χ^2/NDF : 1095.5/33

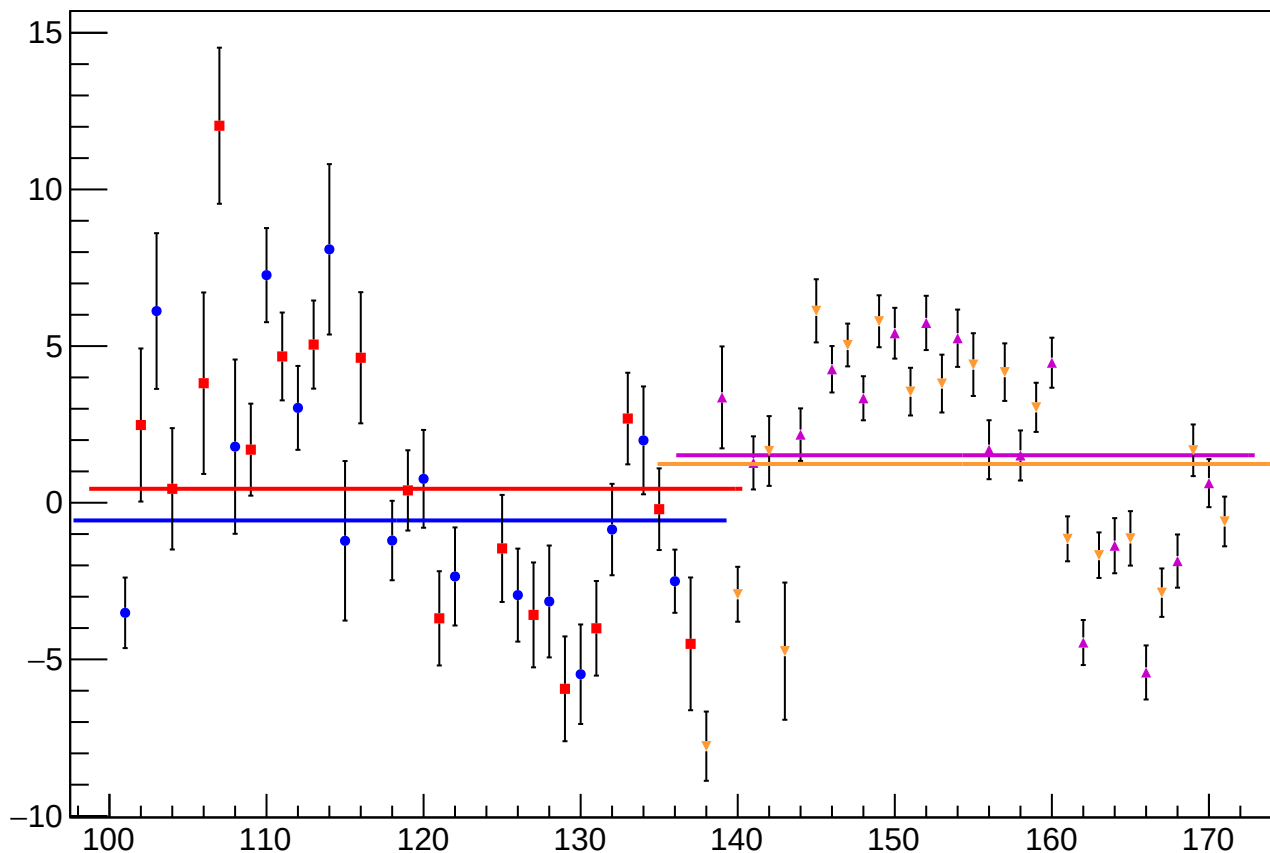
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.743 ± 0.226 χ^2/NDF : 762.4/31

Out: -52.033 ± 0.225 χ^2/NDF : 777.1/34

All: -52.386 ± 0.159 χ^2/NDF : 1544.5/66

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.238 ± 0.203 χ^2/NDF : 292.2/17

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.516 ± 0.208 χ^2/NDF : 261.3/15

Left: 1.373 ± 0.145 χ^2/NDF : 554.3/33

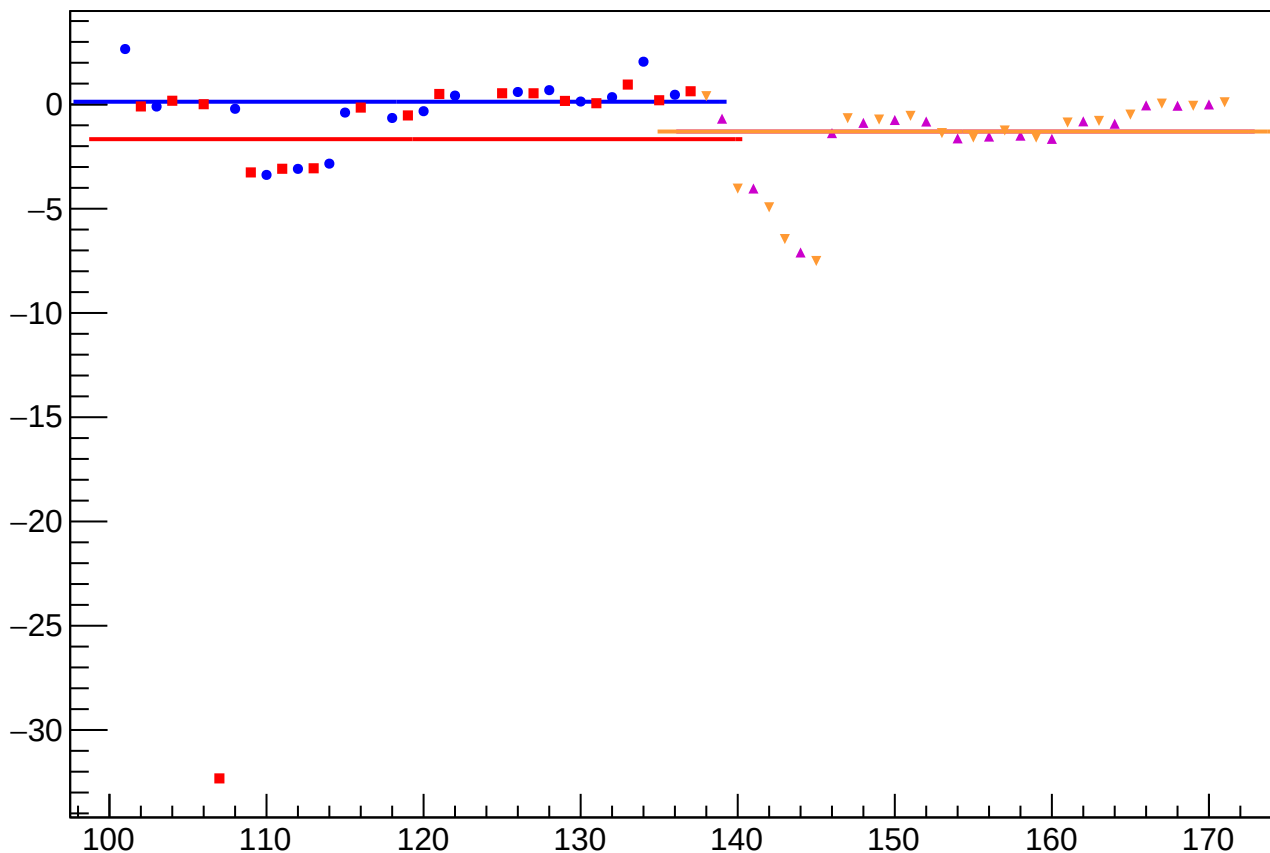
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.043 ± 0.183 χ^2/NDF : 365.7/31

Out: 1.076 ± 0.181 χ^2/NDF : 389.4/34

All: 1.060 ± 0.129 χ^2/NDF : 755.1/66

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$

Left Out: -1.298 ± 0.009 $\chi^2/\text{NDF}: 38398.7/17$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -1.298 ± 0.010 $\chi^2/\text{NDF}: 24955.7/15$

Left: -1.298 ± 0.007 $\chi^2/\text{NDF}: 63354.4/33$

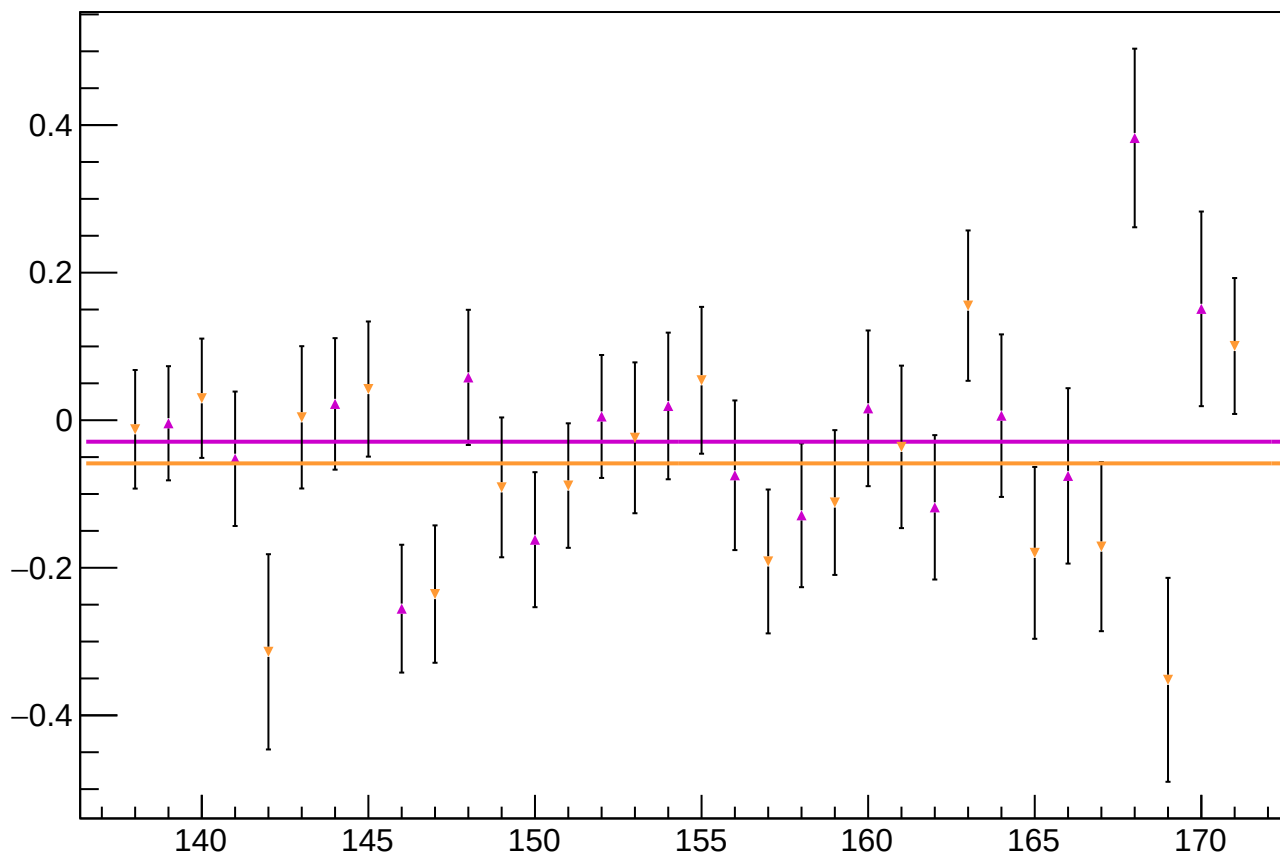
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.064 ± 0.009 $\chi^2/\text{NDF}: 33874.5/31$

Out: -1.355 ± 0.009 $\chi^2/\text{NDF}: 116238.3/34$

All: -1.211 ± 0.006 $\chi^2/\text{NDF}: 150675.8/66$

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: -0.059 $\pm$ 0.023 χ^2 /NDF:28.3/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Left: -0.044 $\pm$ 0.017 χ^2 /NDF: 55.7/33

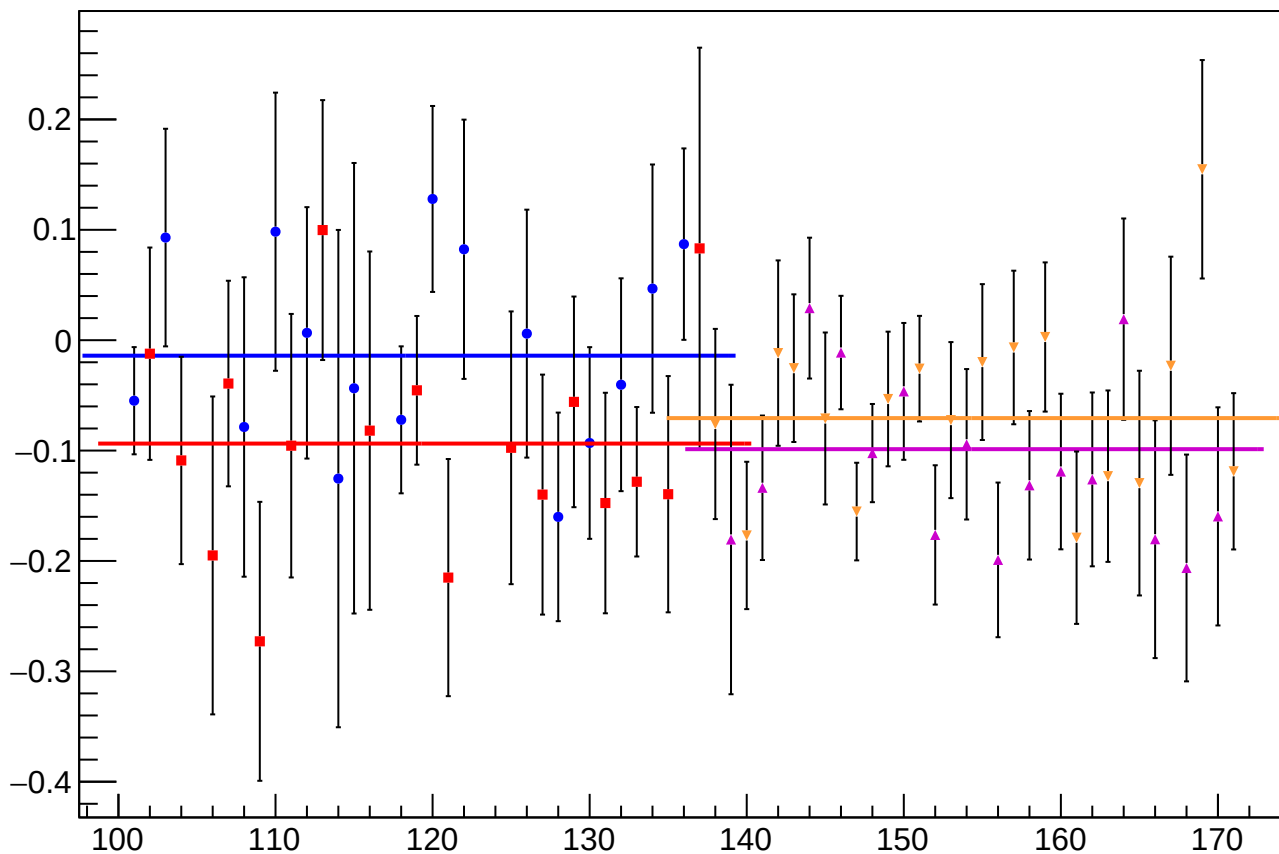
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.029 $\pm$ 0.024 χ^2 /NDF:26.7/15

Out: -0.059 $\pm$ 0.023 χ^2 /NDF:28.3/17

All: -0.044 $\pm$ 0.017 χ^2 /NDF: 55.7/33

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.071 ± 0.016 $\chi^2/\text{NDF}: 19.3/17$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.099 ± 0.017 $\chi^2/\text{NDF}: 16.0/15$

Left: -0.084 ± 0.012 $\chi^2/\text{NDF}: 36.7/33$

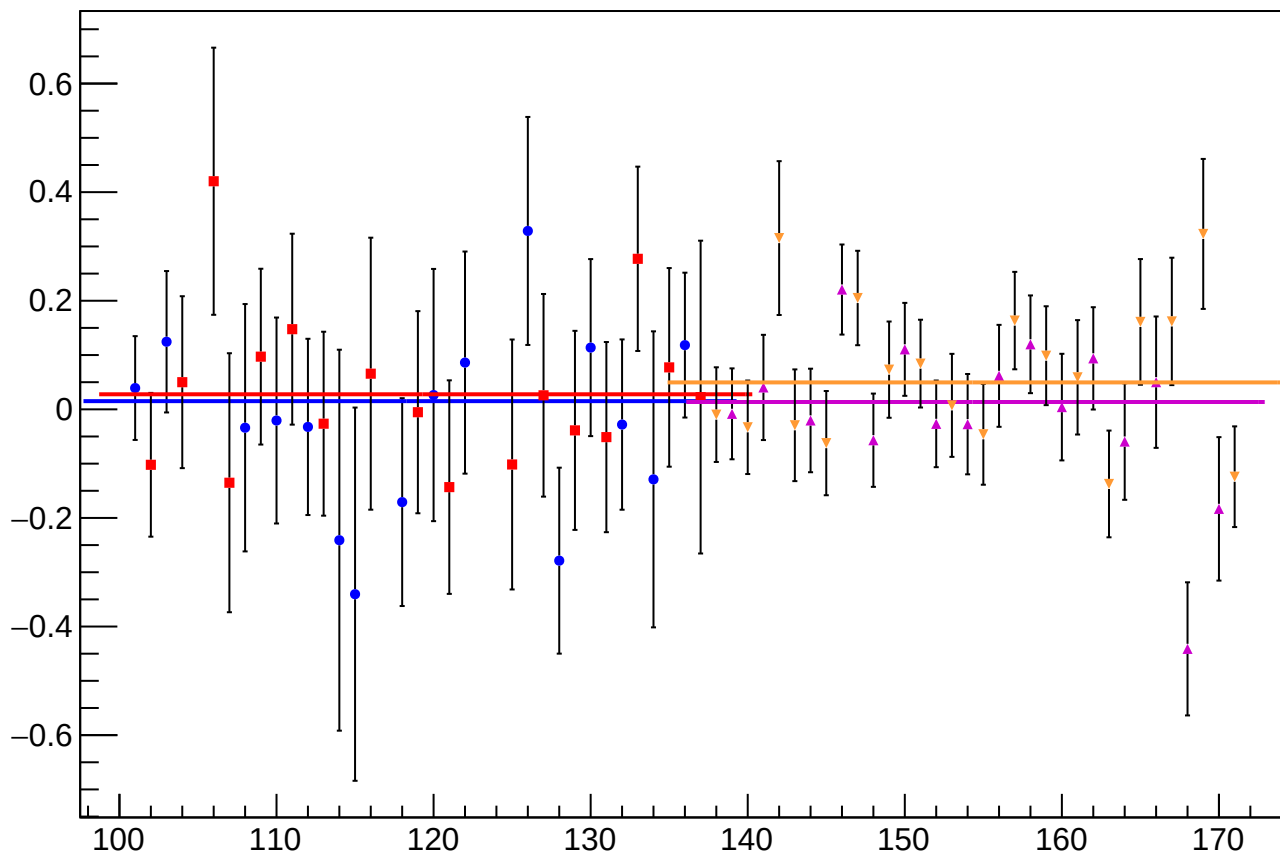
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.069 ± 0.014 $\chi^2/\text{NDF}: 37.0/31$

Out: -0.078 ± 0.014 $\chi^2/\text{NDF}: 30.0/34$

All: -0.073 ± 0.010 $\chi^2/\text{NDF}: 67.2/66$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.050 $\pm$ 0.023 χ^2 /NDF:26.4/17

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.014 $\pm$ 0.024 χ^2 /NDF:27.8/15

Left: 0.032 $\pm$ 0.016 χ^2 /NDF: 55.4/33

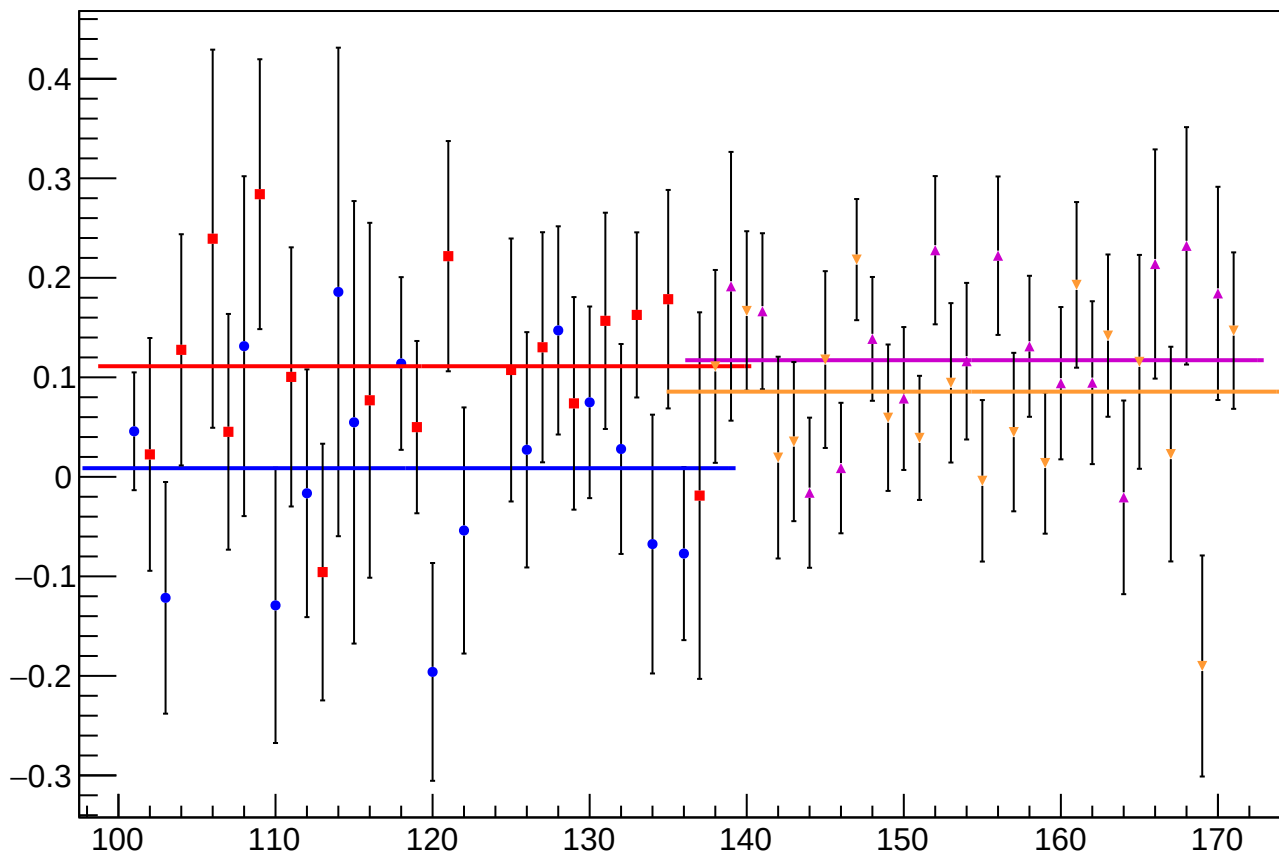
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.014 $\pm$ 0.021 χ^2 /NDF:37.9/31

Out: 0.045 $\pm$ 0.020 χ^2 /NDF:35.0/34

All: 0.030 $\pm$ 0.015 χ^2 /NDF: 74.1/66

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.086 $\pm$ 0.019 χ^2 /NDF:19.3/17

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.117 $\pm$ 0.020 χ^2 /NDF:15.1/15

Left: 0.101 $\pm$ 0.014 χ^2 /NDF: 35.7/33

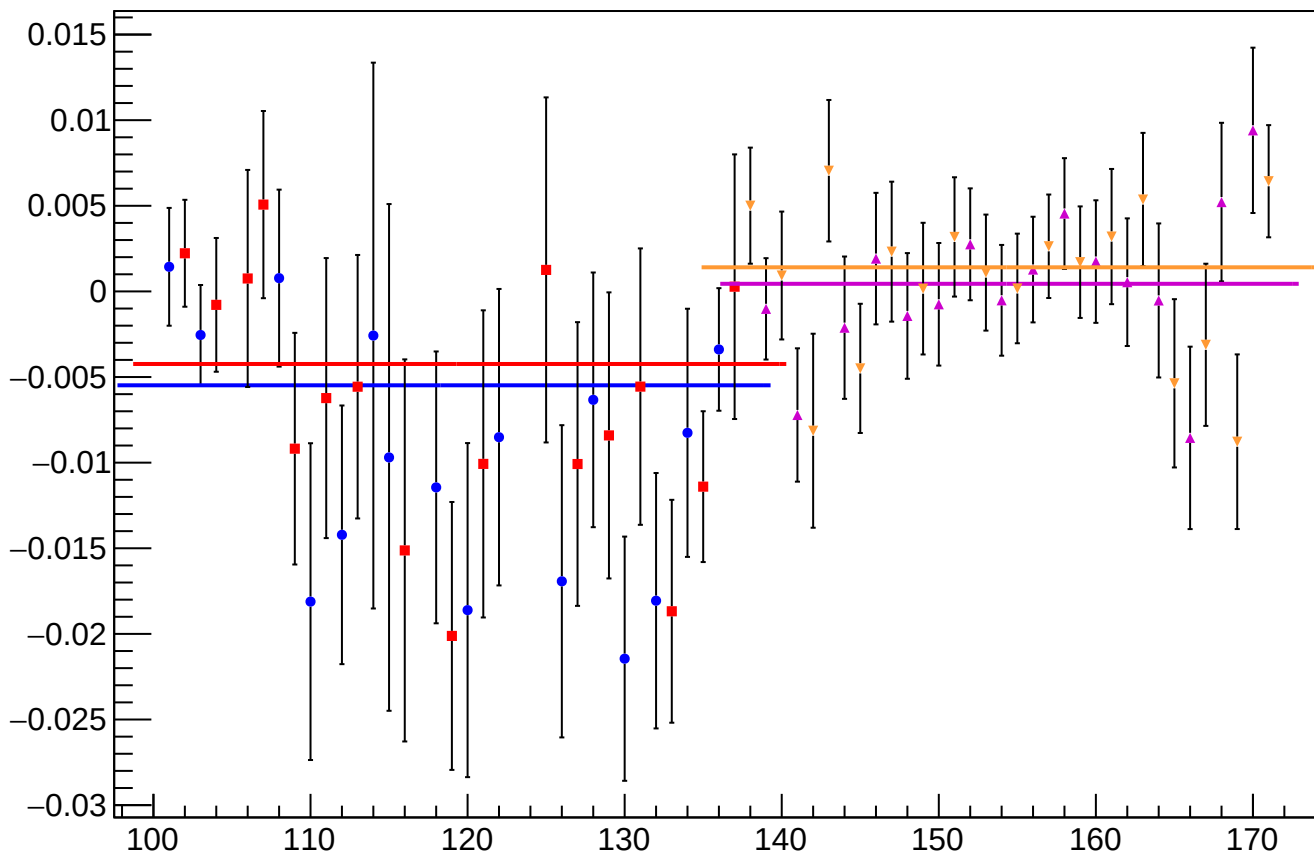
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.078 $\pm$ 0.016 χ^2 /NDF:38.1/31

Out: 0.094 $\pm$ 0.016 χ^2 /NDF:28.5/34

All: 0.086 $\pm$ 0.011 χ^2 /NDF: 67.0/66

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 19.4/17

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 14.8/15

Left: 0.001 ± 0.001 χ^2/NDF : 34.8/33

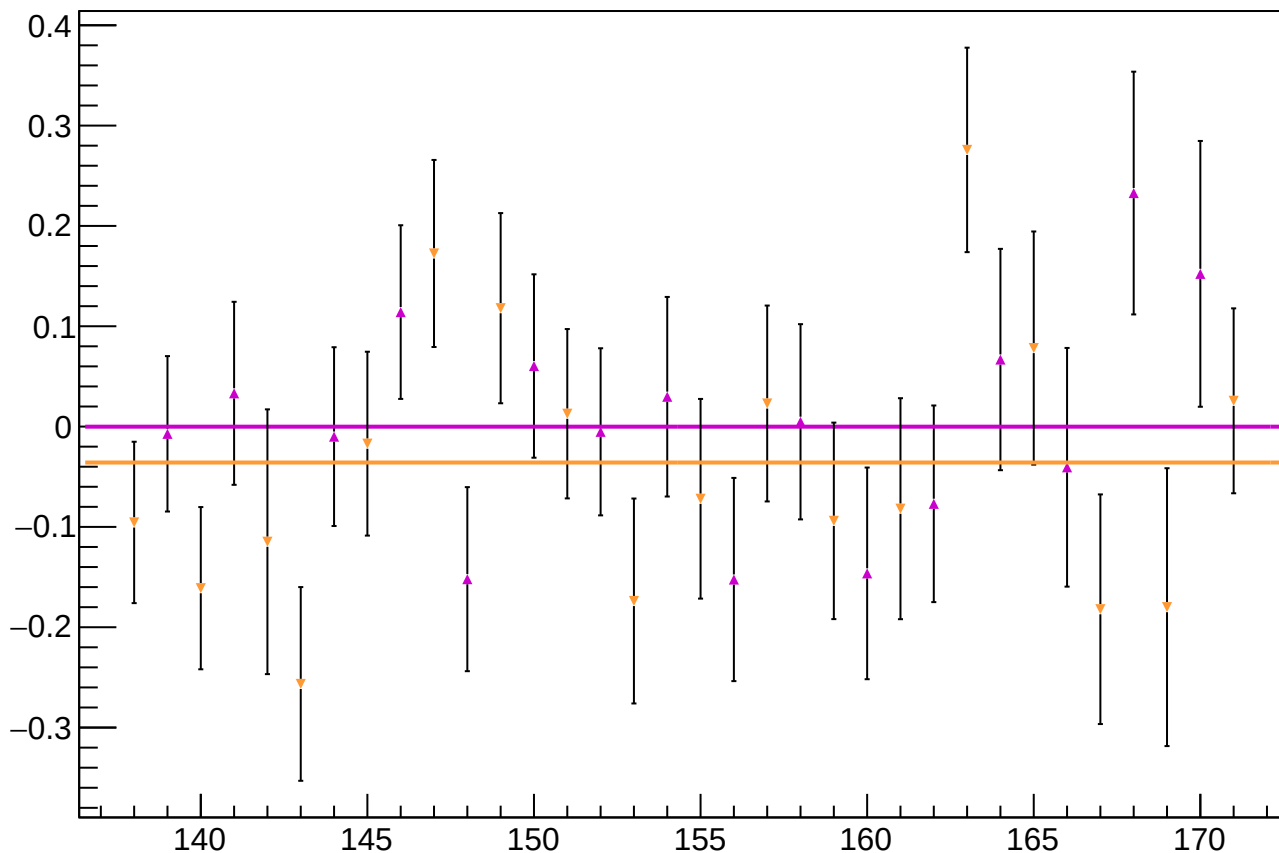
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 49.1/31

Out: -0.000 ± 0.001 χ^2/NDF : 53.9/34

All: -0.001 ± 0.001 χ^2/NDF : 104.2/66

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15

Left: -0.019 $\pm$ 0.017 χ^2 /NDF: 49.5/33

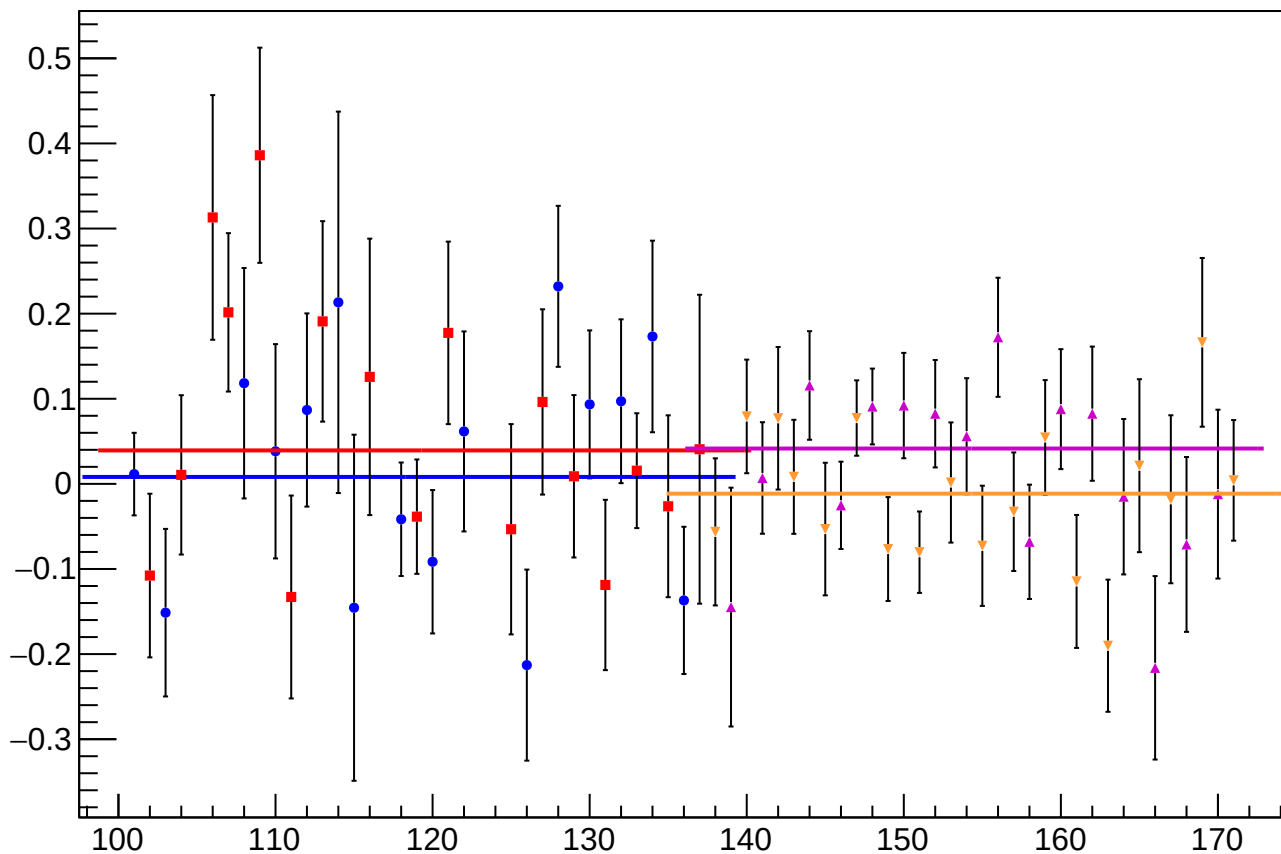
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.000 $\pm$ 0.024 χ^2 /NDF:15.5/15

Out: -0.036 $\pm$ 0.023 χ^2 /NDF:32.9/17

All: -0.019 $\pm$ 0.017 χ^2 /NDF: 49.5/33

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.012 ± 0.016 $\chi^2/\text{NDF}: 23.1/17$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.042 ± 0.017 $\chi^2/\text{NDF}: 21.9/15$

Left: 0.013 ± 0.012 $\chi^2/\text{NDF}: 50.0/33$

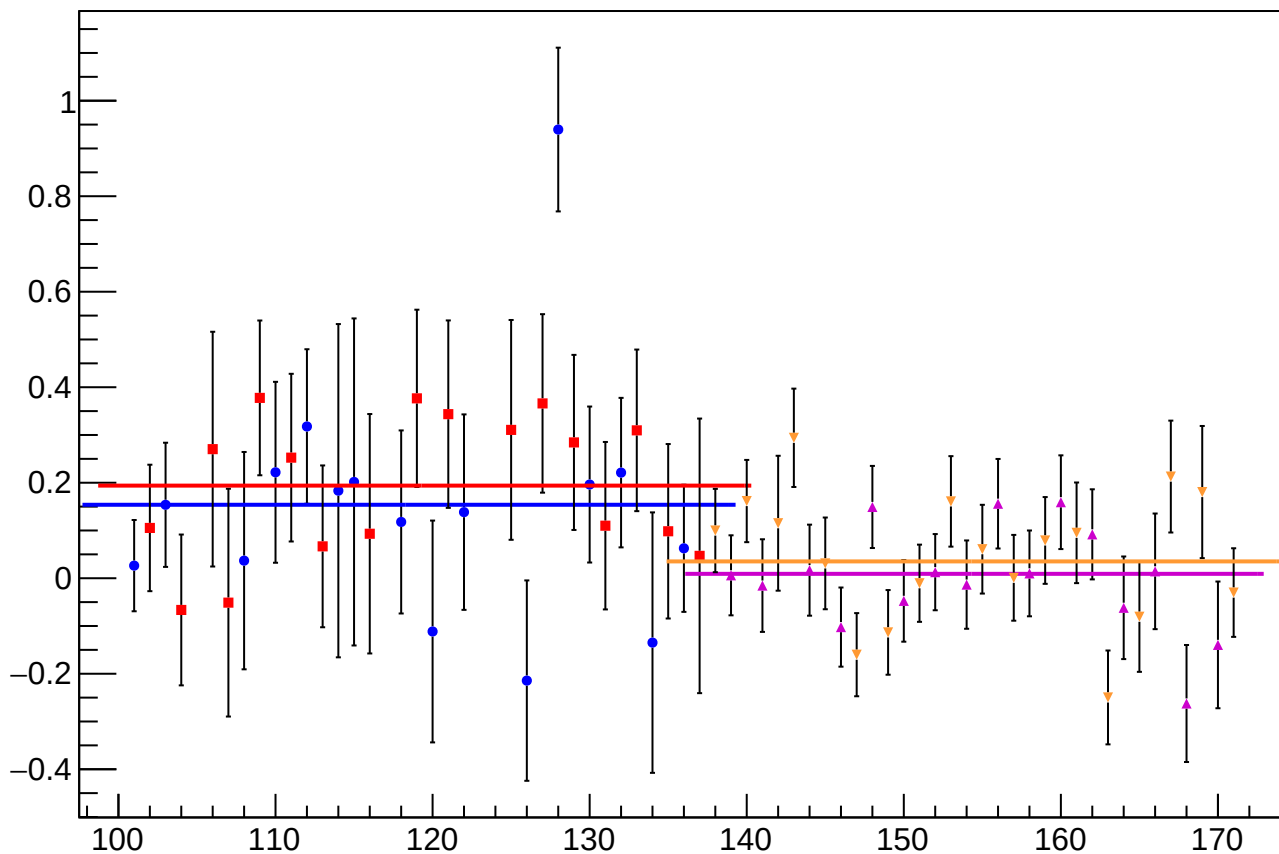
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.030 ± 0.014 $\chi^2/\text{NDF}: 46.9/31$

Out: 0.004 ± 0.014 $\chi^2/\text{NDF}: 53.6/34$

All: 0.016 ± 0.010 $\chi^2/\text{NDF}: 102.3/66$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.035 $\pm$ 0.023 χ^2 /NDF:33.3/17

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.009 $\pm$ 0.024 χ^2 /NDF:17.2/15

Left: 0.023 $\pm$ 0.016 χ^2 /NDF: 51.2/33

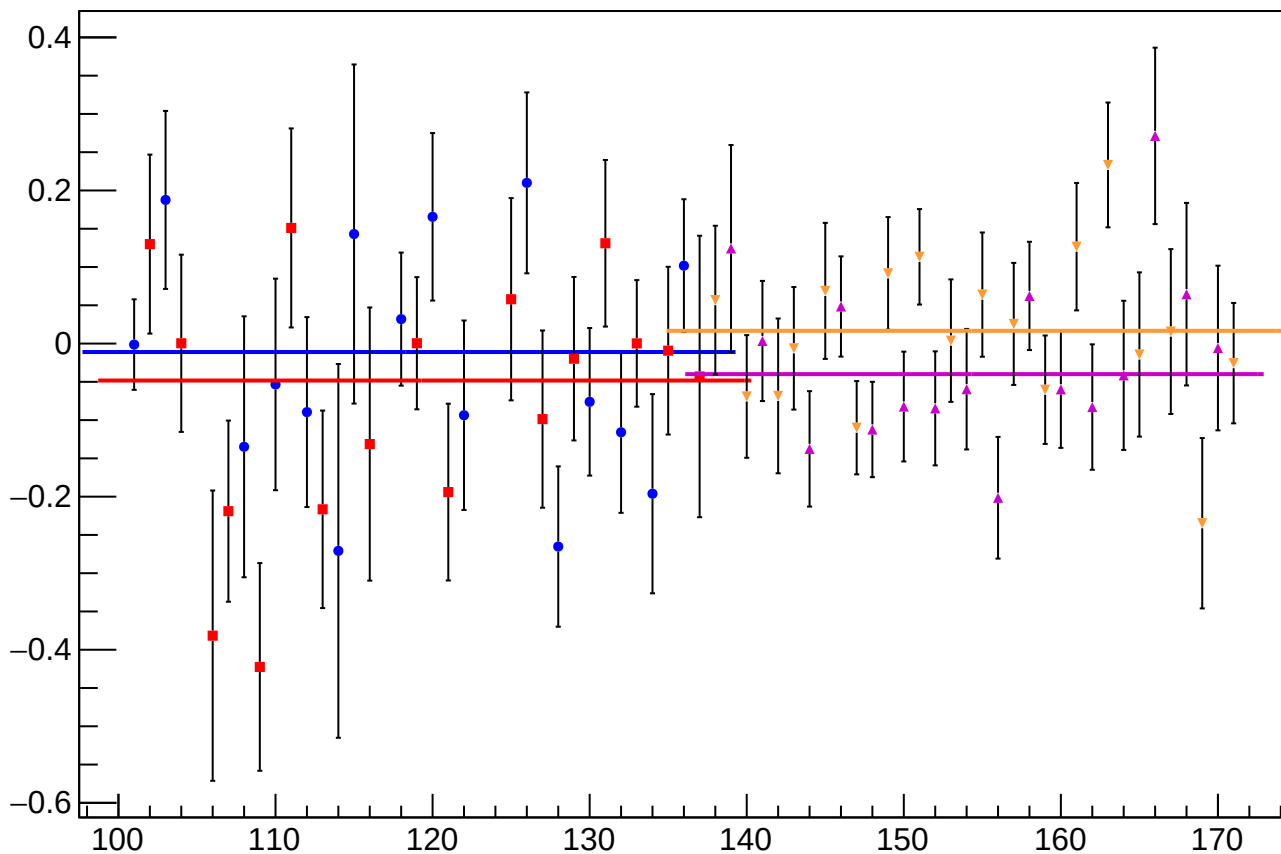
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.043 $\pm$ 0.021 χ^2 /NDF:56.4/31

Out: 0.068 $\pm$ 0.020 χ^2 /NDF:53.8/34

All: 0.056 $\pm$ 0.015 χ^2 /NDF: 111.0/66

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 ± 0.019 χ^2/NDF : 26.0/17

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.040 ± 0.020 χ^2/NDF : 22.1/15

Left: -0.010 ± 0.014 χ^2/NDF : 52.3/33

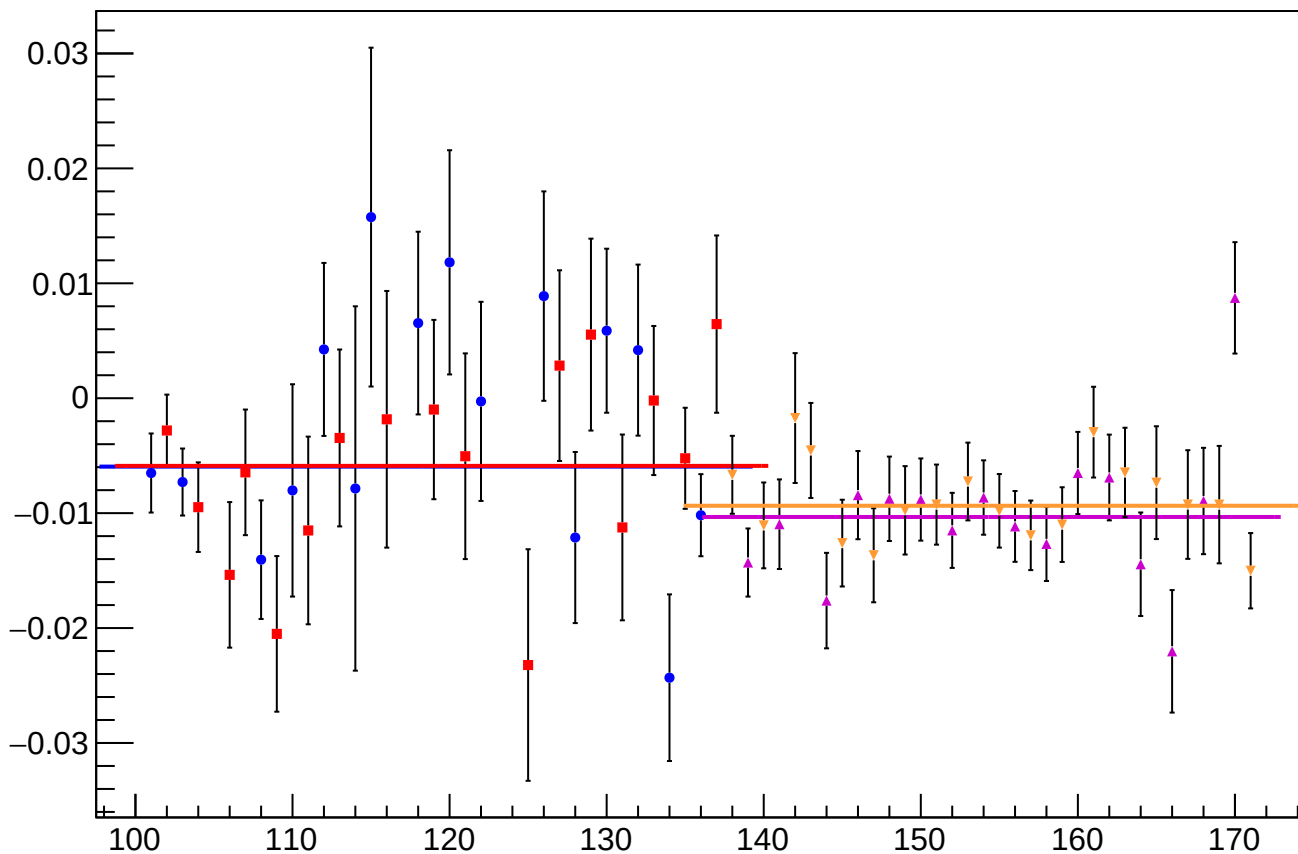
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.029 ± 0.016 χ^2/NDF : 46.3/31

Out: -0.003 ± 0.016 χ^2/NDF : 55.2/34

All: -0.016 ± 0.011 χ^2/NDF : 102.8/66

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 13.6/17

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 ± 0.001 χ^2/NDF : 29.7/15

Left: -0.010 ± 0.001 χ^2/NDF : 43.9/33

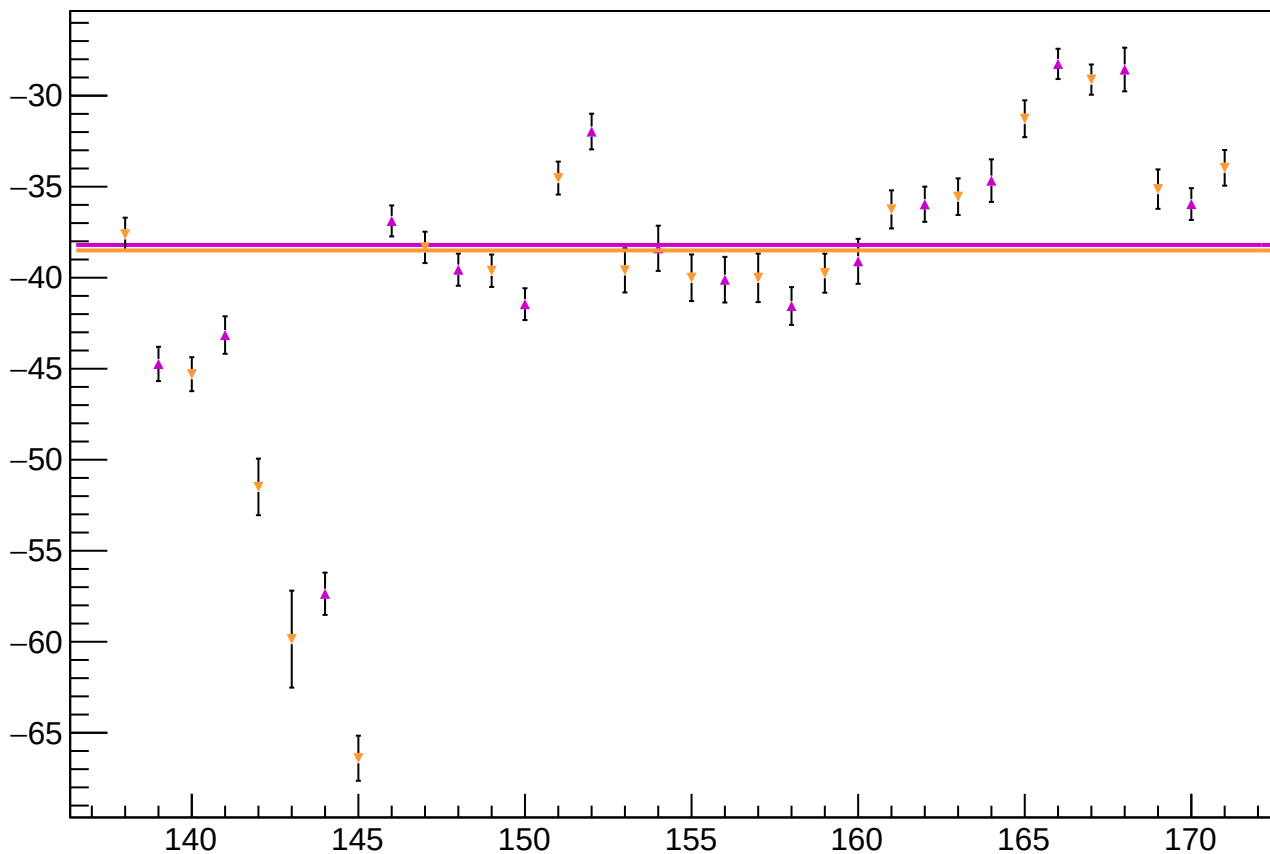
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 65.0/31

Out: -0.008 ± 0.001 χ^2/NDF : 37.3/34

All: -0.009 ± 0.001 χ^2/NDF : 102.6/66

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



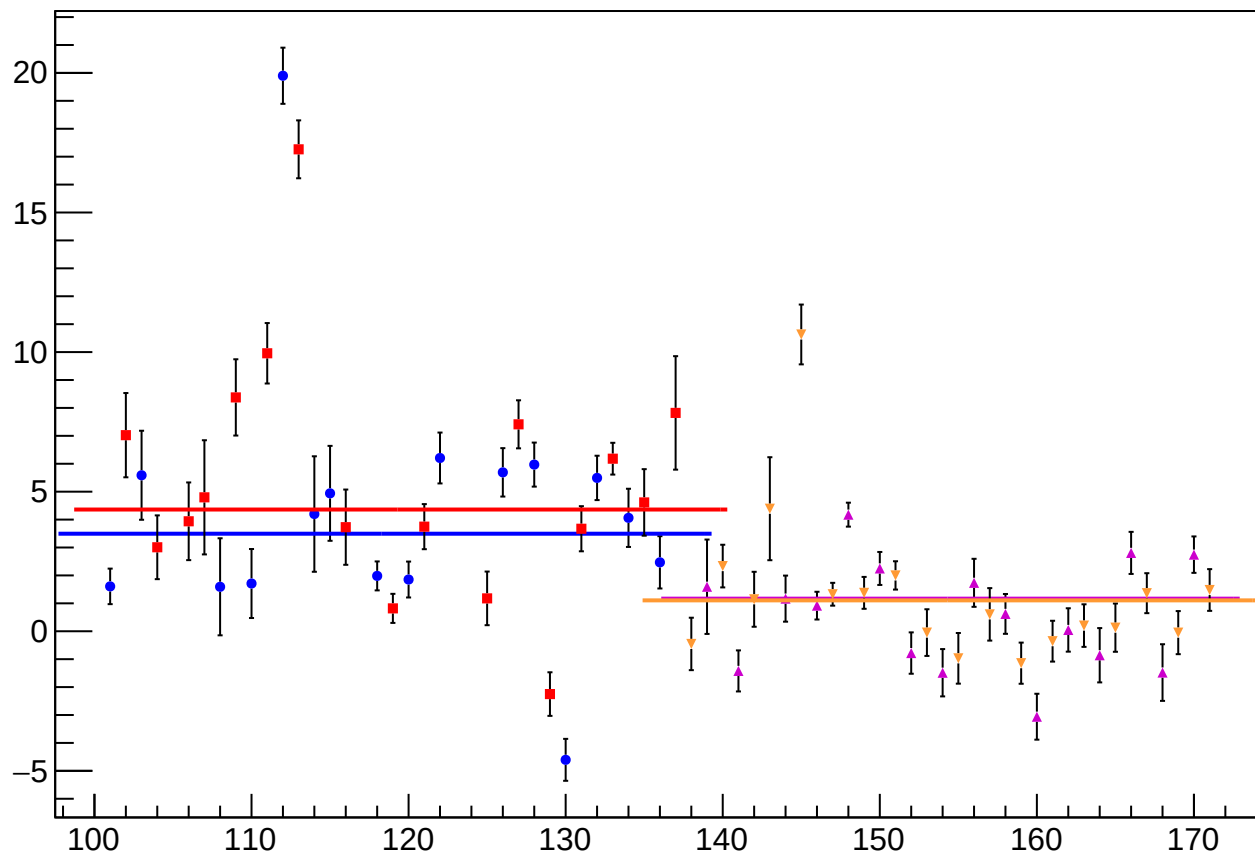
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.501+/-0.248 χ^2/NDF :943.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.199+/-0.250 χ^2/NDF :645.0/15

Left: -38.352+/-0.176 χ^2/NDF : 1589.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.199+/-0.250 χ^2/NDF :645.0/15
 Out: -38.501+/-0.248 χ^2/NDF :943.6/17

All: -38.352+/-0.176 χ^2/NDF : 1589.3/33

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.106 $\pm$ 0.172 χ^2 /NDF:117.2/17

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.168 $\pm$ 0.177 χ^2 /NDF:133.3/15

Left: 1.136 $\pm$ 0.123 χ^2 /NDF: 250.5/33

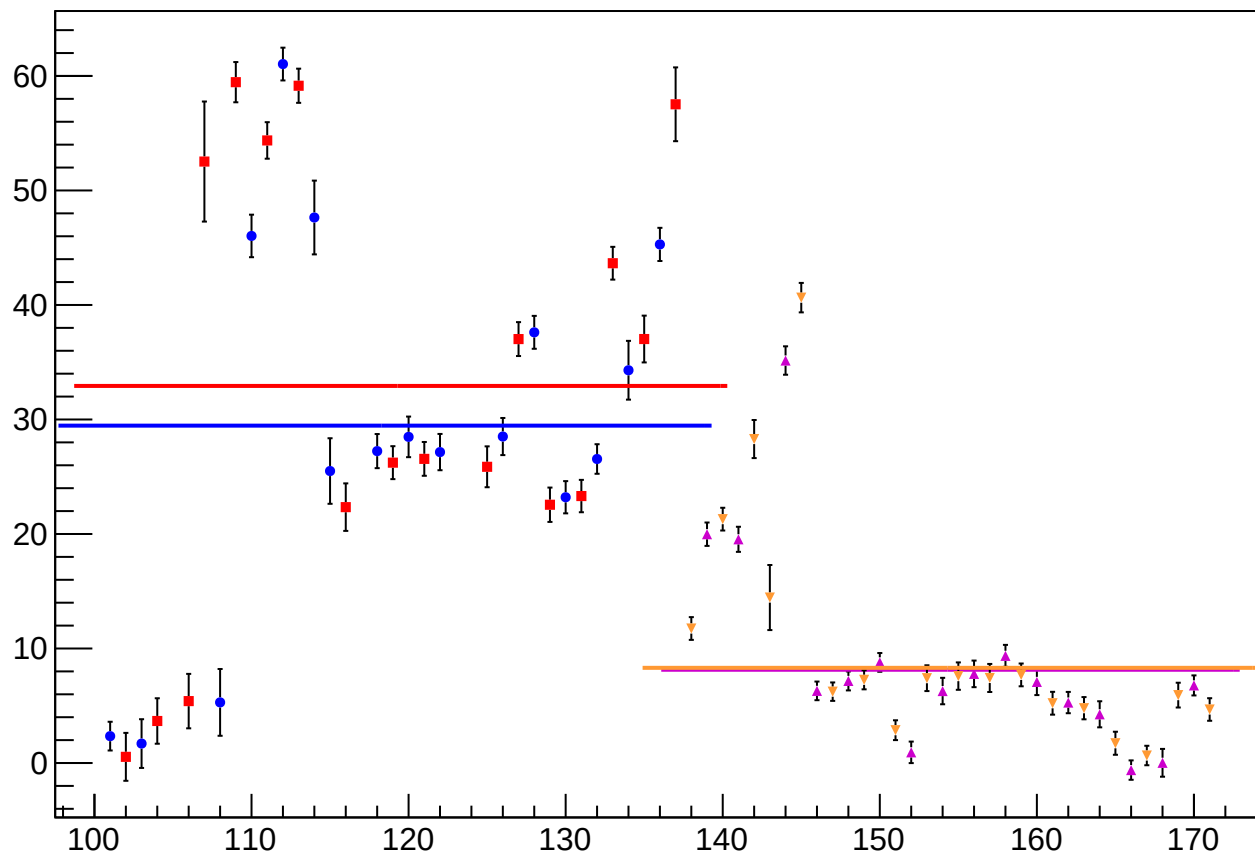
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.096 $\pm$ 0.137 χ^2 /NDF:646.8/31

Out: 2.301 $\pm$ 0.137 χ^2 /NDF:600.1/34

All: 2.199 $\pm$ 0.097 χ^2 /NDF: 1248.1/66

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 8.312+/-0.243 χ^2/NDF :1178.5/17

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 8.144+/-0.245 χ^2/NDF :962.9/15

Left: 8.229+/-0.172 χ^2/NDF : 2141.6/33

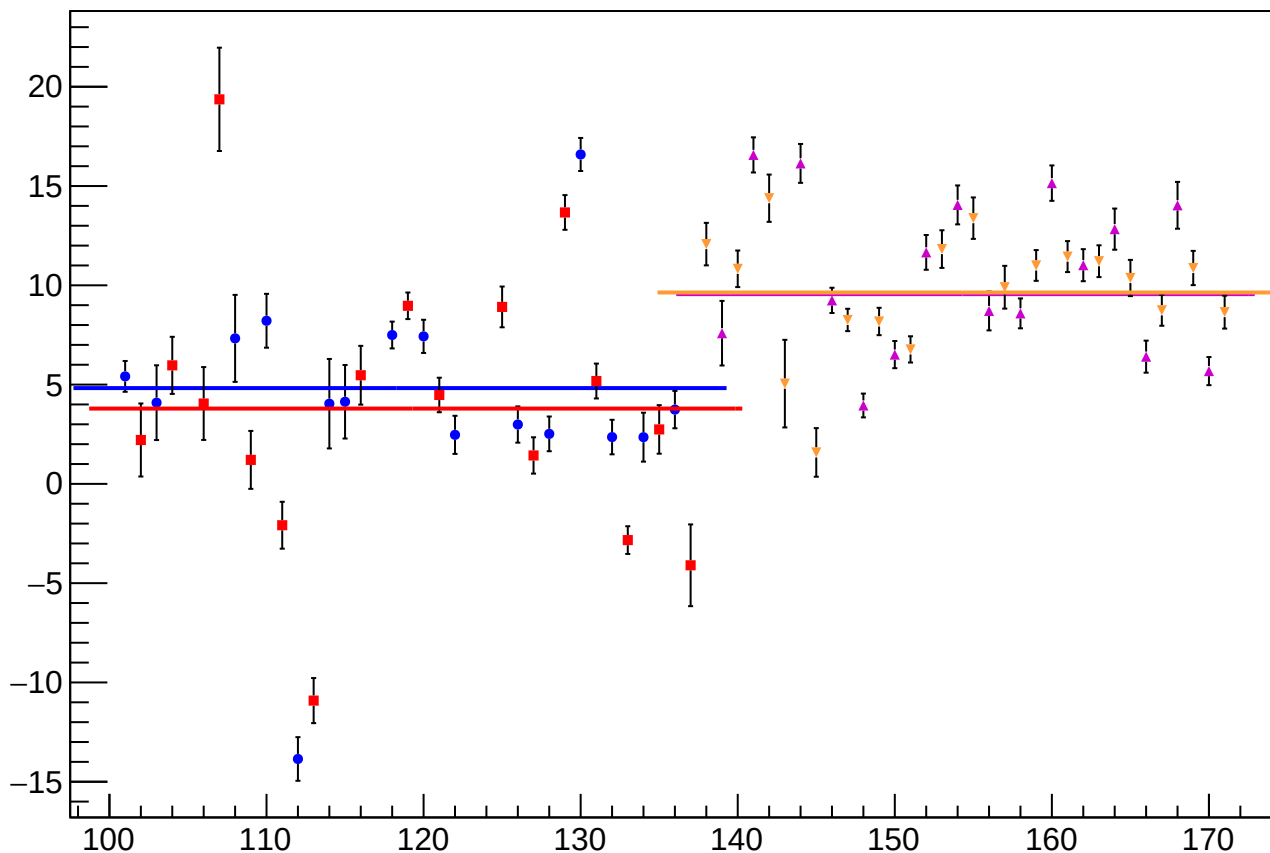
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 13.600+/-0.211 χ^2/NDF :4394.5/31

Out: 14.411+/-0.211 χ^2/NDF :5344.8/34

All: 14.006+/-0.149 χ^2/NDF : 9746.7/66

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.638 $\pm$ 0.202 χ^2 /NDF:135.6/17

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.556 $\pm$ 0.208 χ^2 /NDF:358.3/15

Left: 9.598 $\pm$ 0.145 χ^2 /NDF: 494.1/33

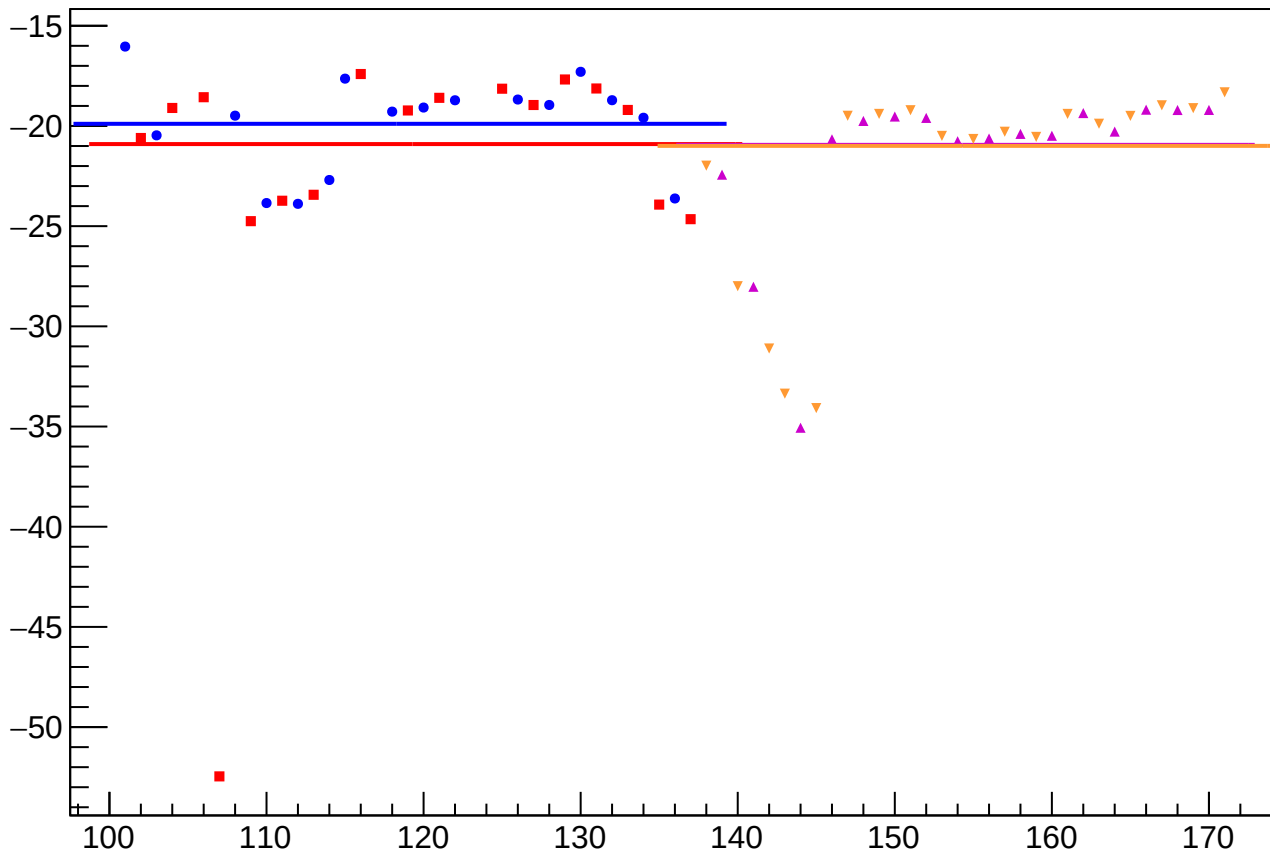
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.641 $\pm$ 0.160 χ^2 /NDF:1121.7/31

Out: 7.431 $\pm$ 0.159 χ^2 /NDF:1016.5/34

All: 7.535 $\pm$ 0.113 χ^2 /NDF: 2139.0/66

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -20.993 $\pm$ 0.010 χ^2 /NDF:149274.8/17

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -20.943 $\pm$ 0.010 χ^2 /NDF:107717.6/15

Left: -20.968 $\pm$ 0.007 χ^2 /NDF: 257005.8/33

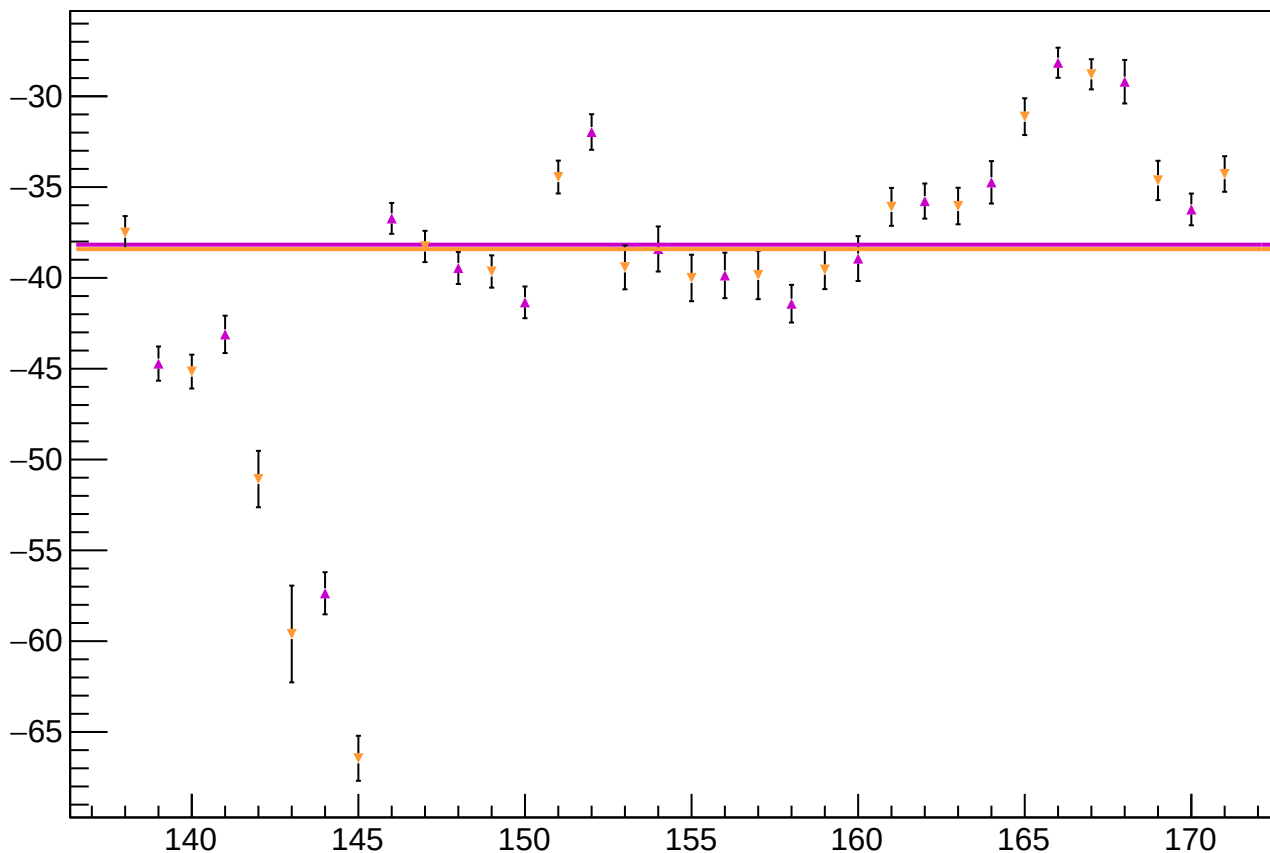
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -20.651 $\pm$ 0.008 χ^2 /NDF:137090.6/31

Out: -20.969 $\pm$ 0.008 χ^2 /NDF:242101.0/34

All: -20.810 $\pm$ 0.006 χ^2 /NDF: 379941.6/66

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: -38.417+/-0.247 χ^2/NDF : 947.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Left: -38.295+/-0.176 χ^2/NDF : 1585.2/33

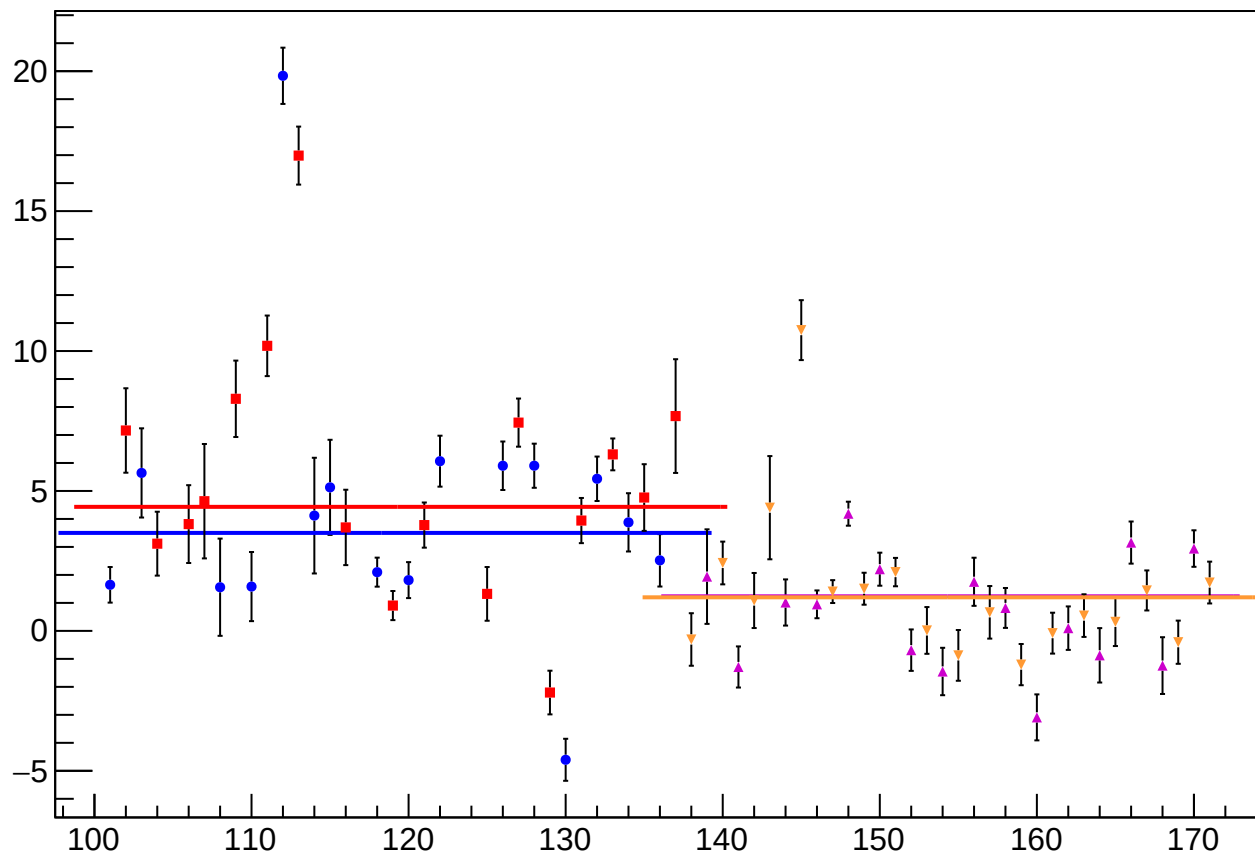
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.171+/-0.250 χ^2/NDF : 636.8/15

Out: -38.417+/-0.247 χ^2/NDF : 947.9/17

All: -38.295+/-0.176 χ^2/NDF : 1585.2/33

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: 1.200 ± 0.172 χ^2/NDF : 119.4/17

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.236 ± 0.177 χ^2/NDF : 133.9/15

Left: 1.217 ± 0.123 χ^2/NDF : 253.3/33

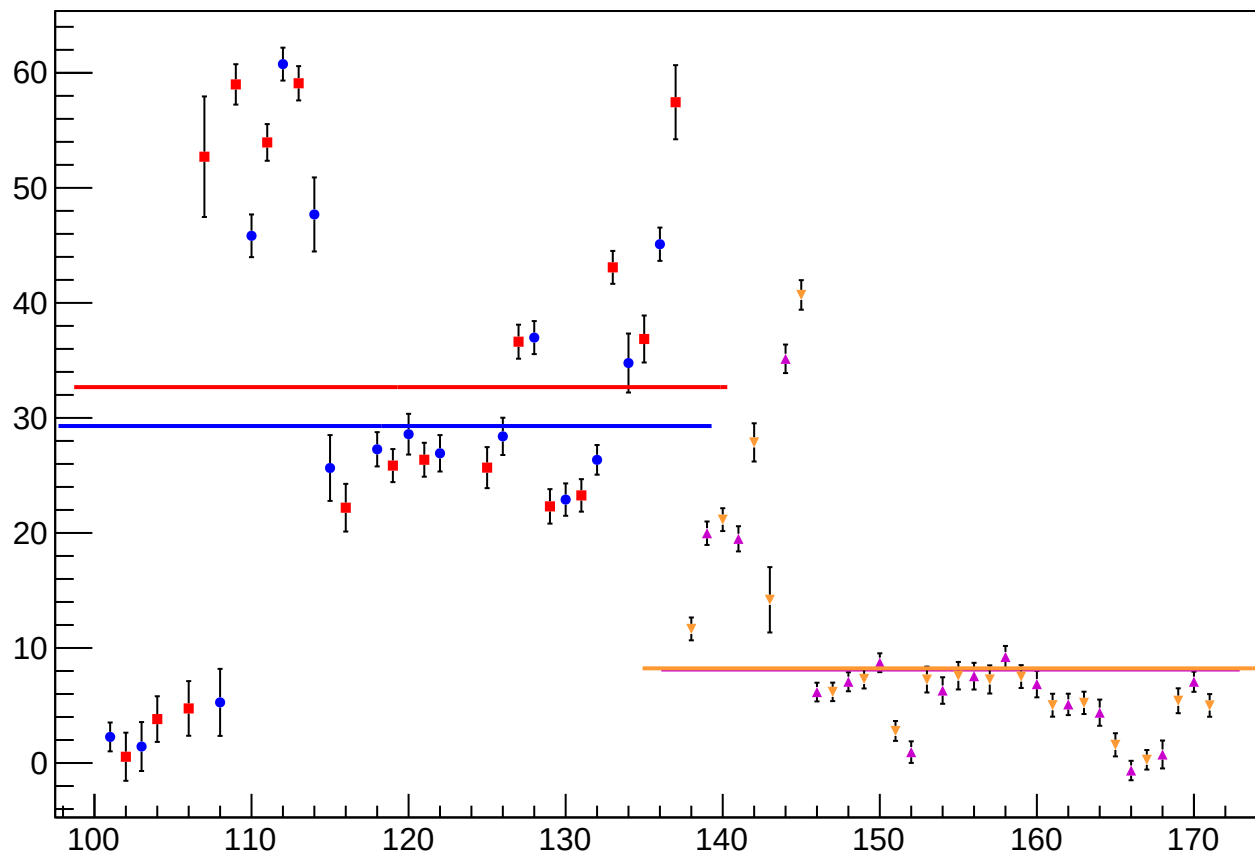
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.140 ± 0.137 χ^2/NDF : 641.0/31

Out: 2.386 ± 0.136 χ^2/NDF : 593.4/34

All: 2.264 ± 0.097 χ^2/NDF : 1236.0/66

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 $\chi^2/\text{NDF}: 1485.2/15$

Left Out: 8.230 ± 0.243 $\chi^2/\text{NDF}: 1181.4/17$

Right Out: 32.679 ± 0.423 $\chi^2/\text{NDF}: 1614.8/16$

Left In: 8.127 ± 0.245 $\chi^2/\text{NDF}: 956.7/15$

Left: 8.179 ± 0.172 $\chi^2/\text{NDF}: 2138.2/33$

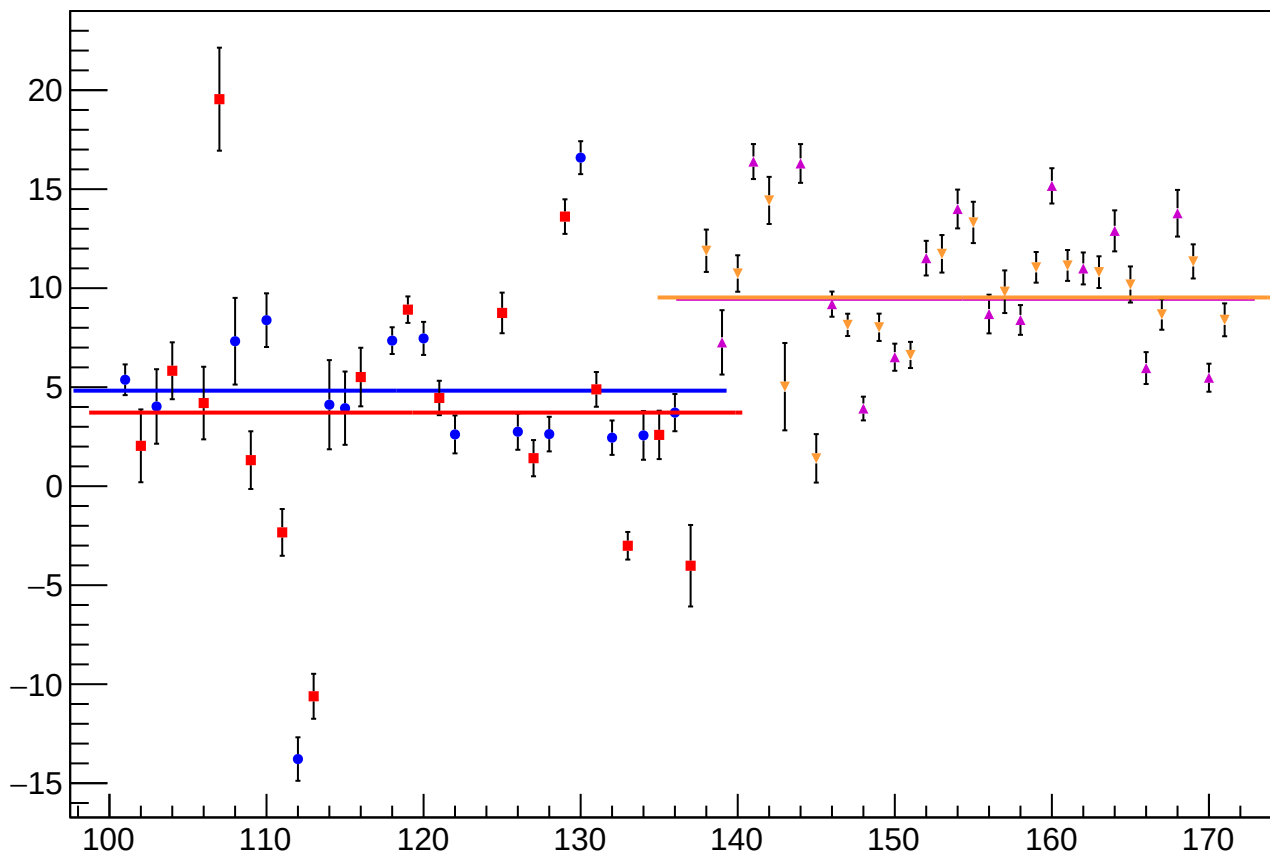
Right: 30.964 ± 0.297 $\chi^2/\text{NDF}: 3132.4/32$

In: 13.545 ± 0.211 $\chi^2/\text{NDF}: 4357.4/31$

Out: 14.289 ± 0.211 $\chi^2/\text{NDF}: 5306.7/34$

All: 13.918 ± 0.149 $\chi^2/\text{NDF}: 9670.4/66$

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 9.530 ± 0.202 χ^2/NDF : 139.4/17

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.463 ± 0.207 χ^2/NDF : 365.5/15

Left: 9.497 ± 0.145 χ^2/NDF : 504.9/33

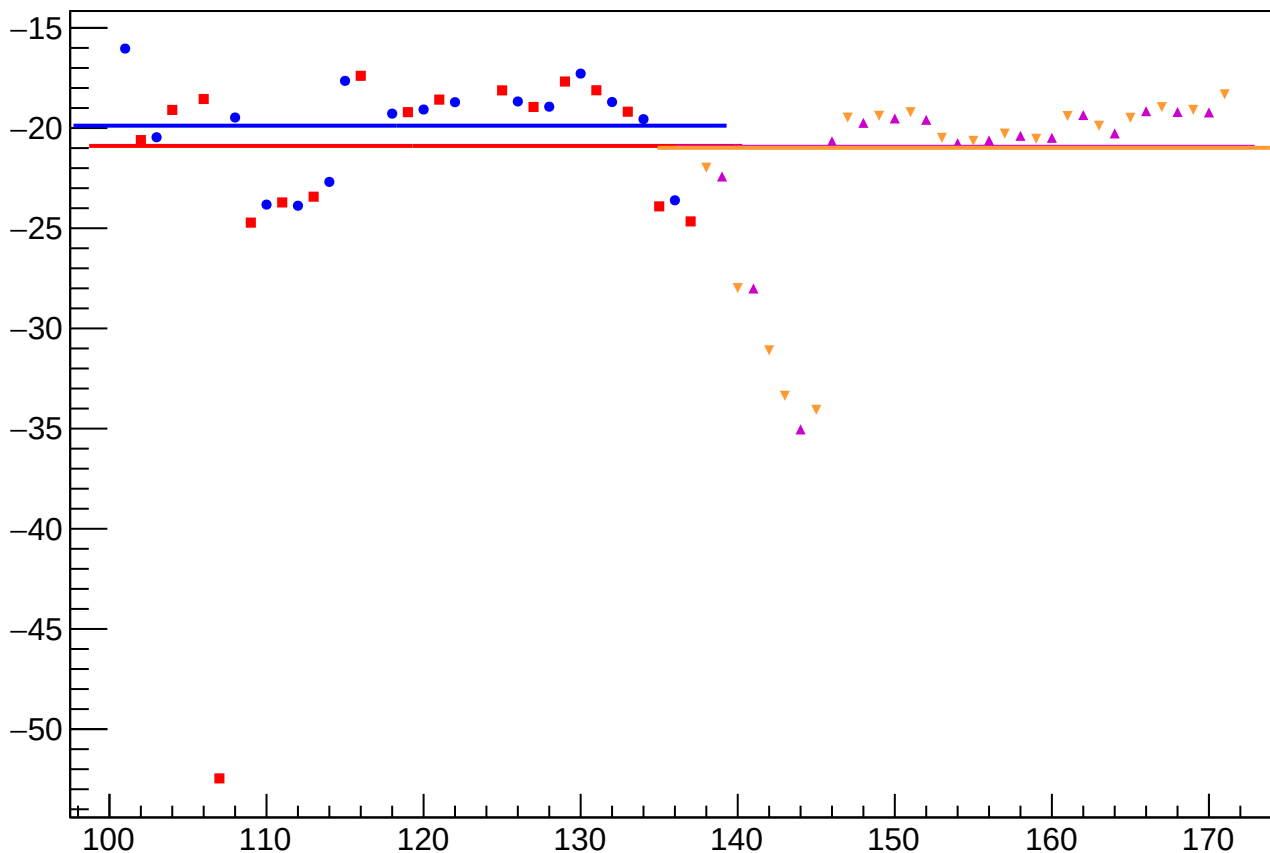
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.585 ± 0.160 χ^2/NDF : 1117.2/31

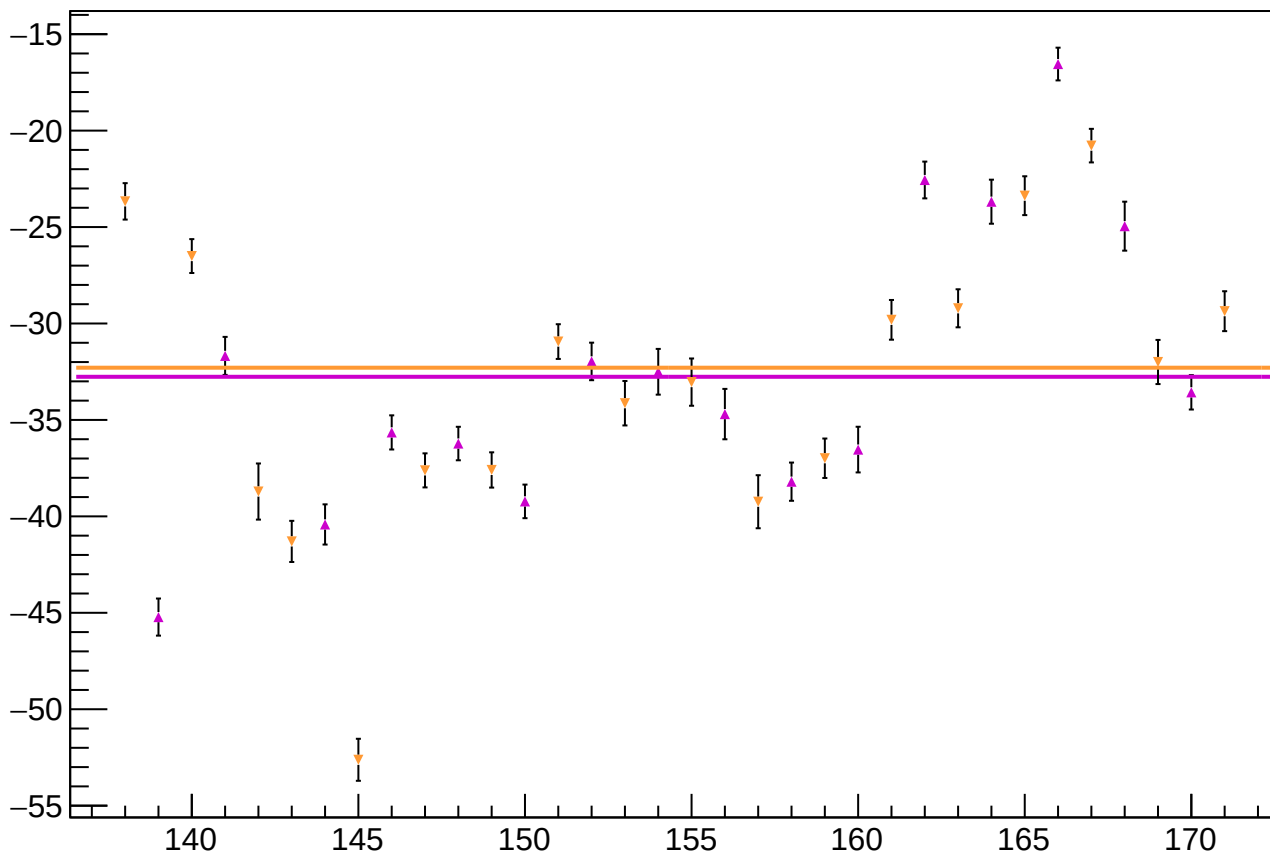
Out: 7.334 ± 0.159 χ^2/NDF : 1013.4/34

All: 7.459 ± 0.113 χ^2/NDF : 2131.8/66

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.292+/-0.241 χ^2/NDF : 964.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Left: -32.520+/-0.173 χ^2/NDF : 1895.7/33

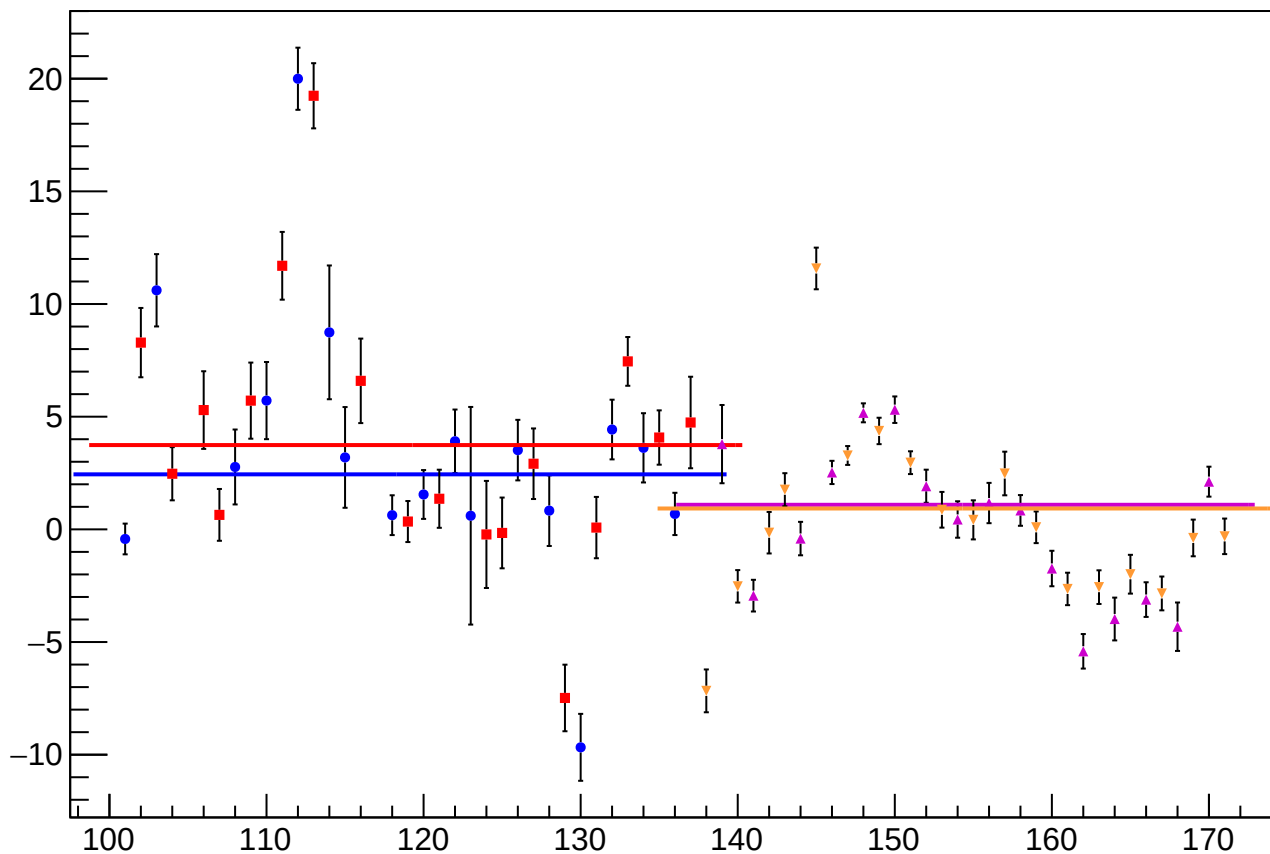
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.763+/-0.249 χ^2/NDF : 929.0/15

Out: -32.292+/-0.241 χ^2/NDF : 964.9/17

All: -32.520+/-0.173 χ^2/NDF : 1895.7/33

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.926 ± 0.167 χ^2/NDF : 405.7/17

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 1.090 ± 0.175 χ^2/NDF : 365.6/15

Left: 1.004 ± 0.121 χ^2/NDF : 771.8/33

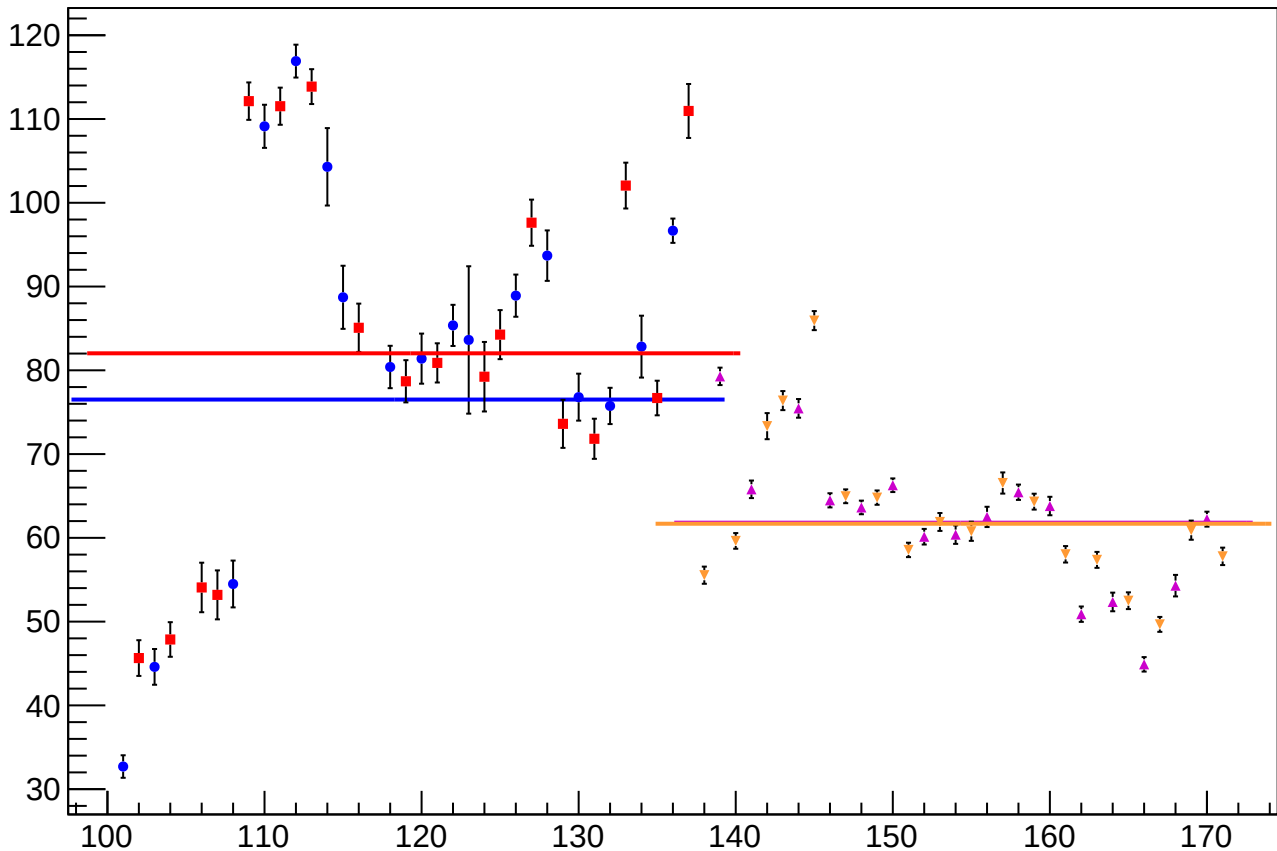
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 1.415 ± 0.153 χ^2/NDF : 674.6/32

Out: 1.510 ± 0.149 χ^2/NDF : 732.6/35

All: 1.464 ± 0.107 χ^2/NDF : 1407.5/68

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: 61.685 $\pm$ 0.238 χ^2 /NDF:1098.8/17

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 61.810 $\pm$ 0.243 χ^2 /NDF:1146.4/15

Left: 61.746 $\pm$ 0.170 χ^2 /NDF: 2245.3/33

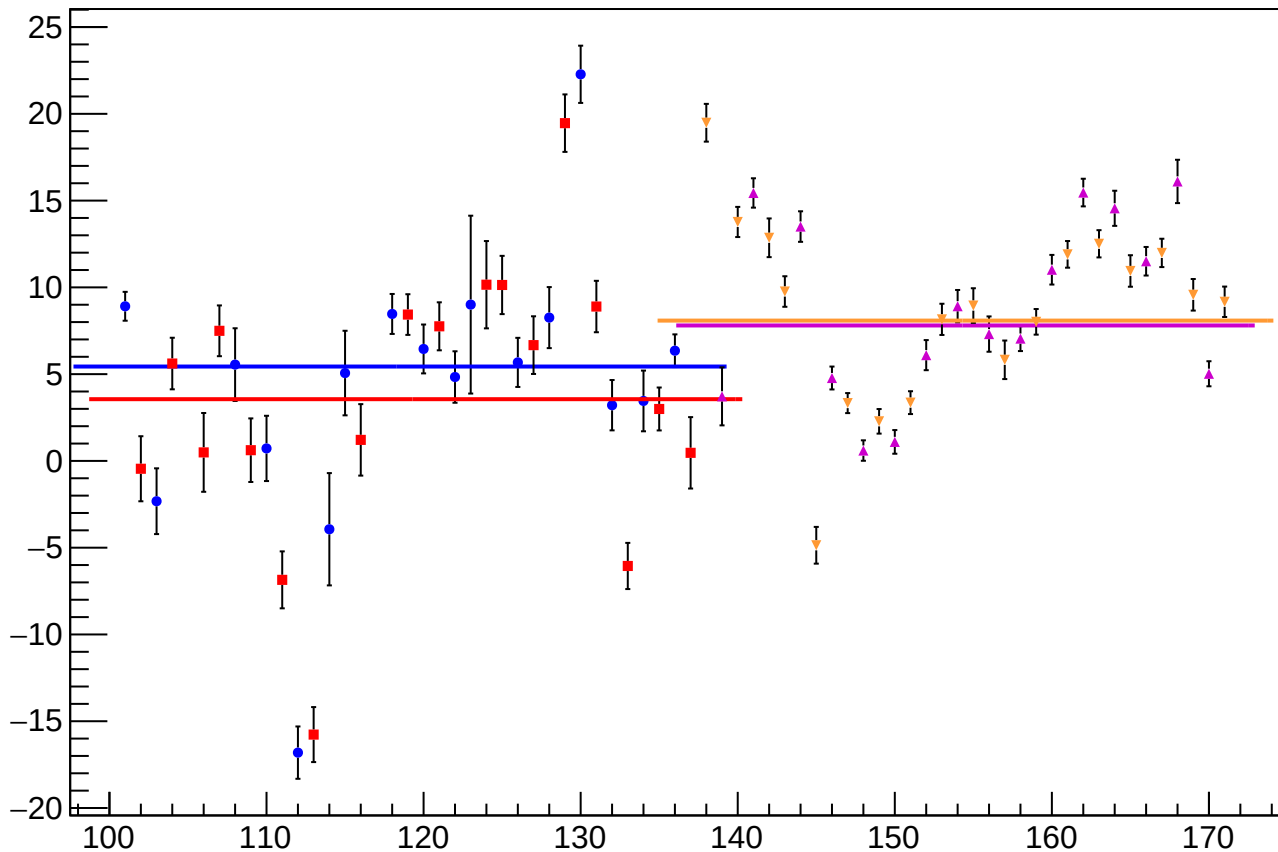
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 64.045 $\pm$ 0.224 χ^2 /NDF:3953.1/32

Out: 64.502 $\pm$ 0.221 χ^2 /NDF:3662.1/35

All: 64.277 $\pm$ 0.157 χ^2 /NDF: 7617.3/68

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: 8.086 $\pm$ 0.197 χ^2/NDF :609.1/17

Right Out: 3.557 $\pm$ 0.375 χ^2/NDF : 420.6/17

Left In: 7.805 $\pm$ 0.205 χ^2/NDF :633.9/15

Left: 7.951 $\pm$ 0.142 χ^2/NDF : 1243.9/33

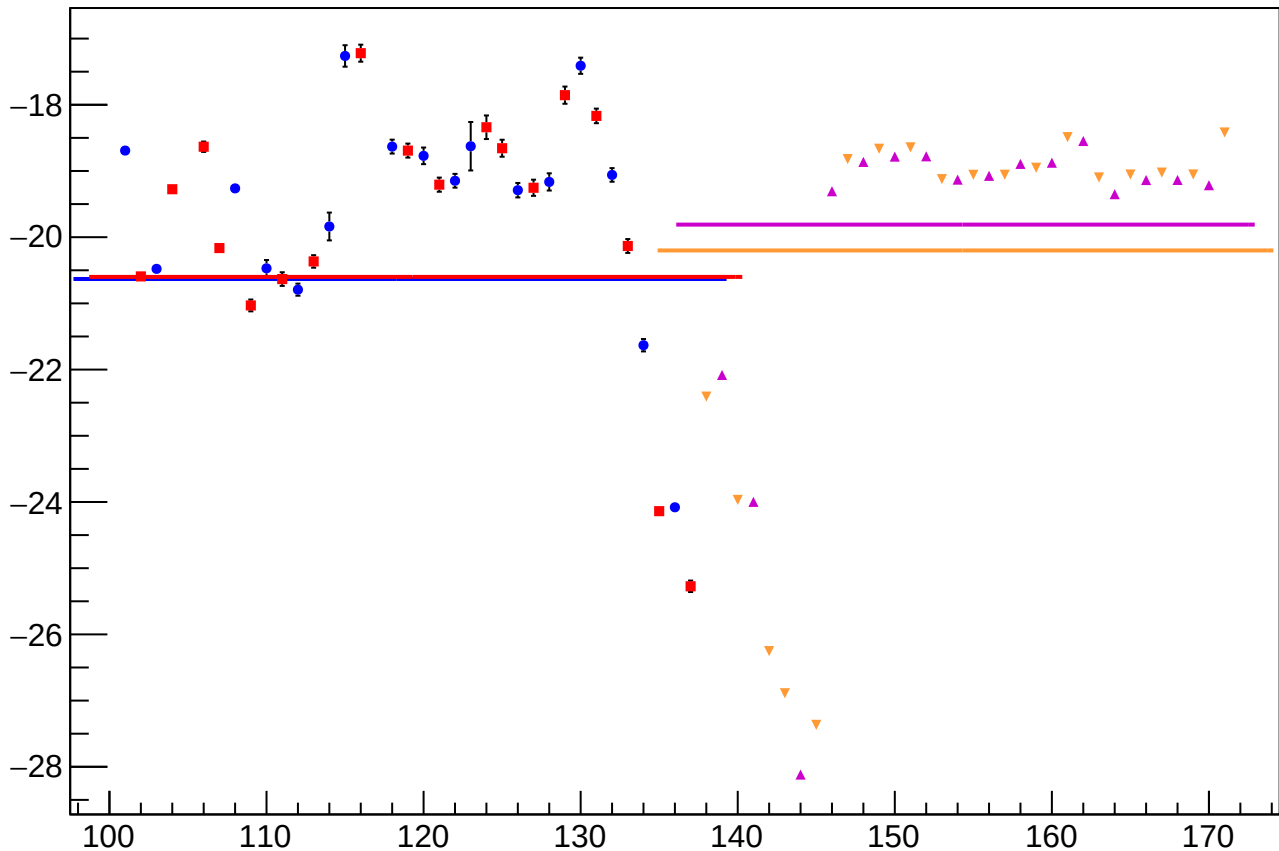
Right: 4.542 $\pm$ 0.259 χ^2/NDF : 819.9/34

In: 7.219 $\pm$ 0.178 χ^2/NDF :1052.9/32

Out: 7.111 $\pm$ 0.174 χ^2/NDF :1144.0/35

All: 7.163 $\pm$ 0.124 χ^2/NDF : 2197.1/68

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -20.200+/-0.009 χ^2/NDF : 83932.9/17

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -19.810+/-0.010 χ^2/NDF : 49255.8/15

Left: -20.010+/-0.007 χ^2/NDF : 134033.9/33

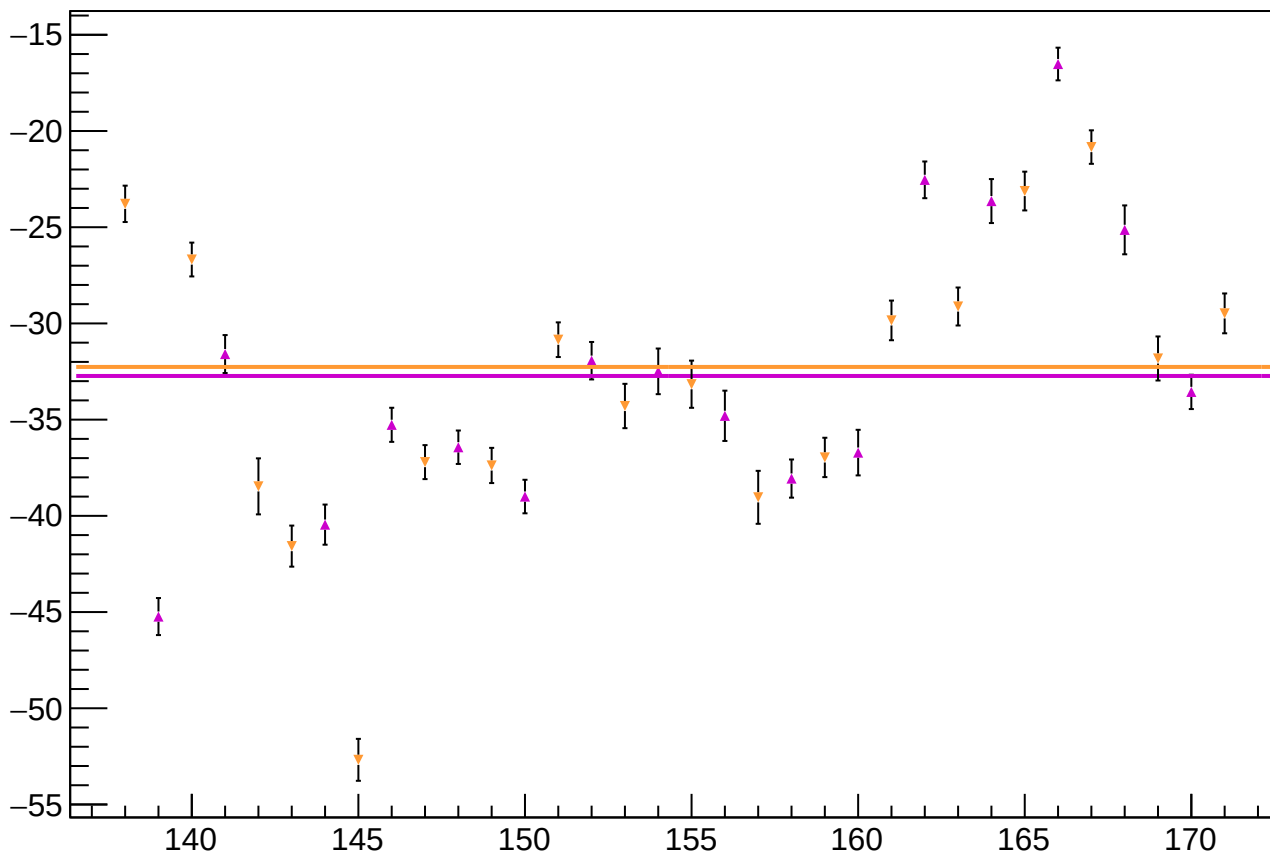
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -19.973+/-0.009 χ^2/NDF : 63209.8/32

Out: -20.276+/-0.008 χ^2/NDF : 96249.0/35

All: -20.127+/-0.006 χ^2/NDF : 160088.4/68

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.730+/-0.249 χ^2/NDF : 924.6/15

Left: -32.488+/-0.173 χ^2/NDF : 1884.2/33

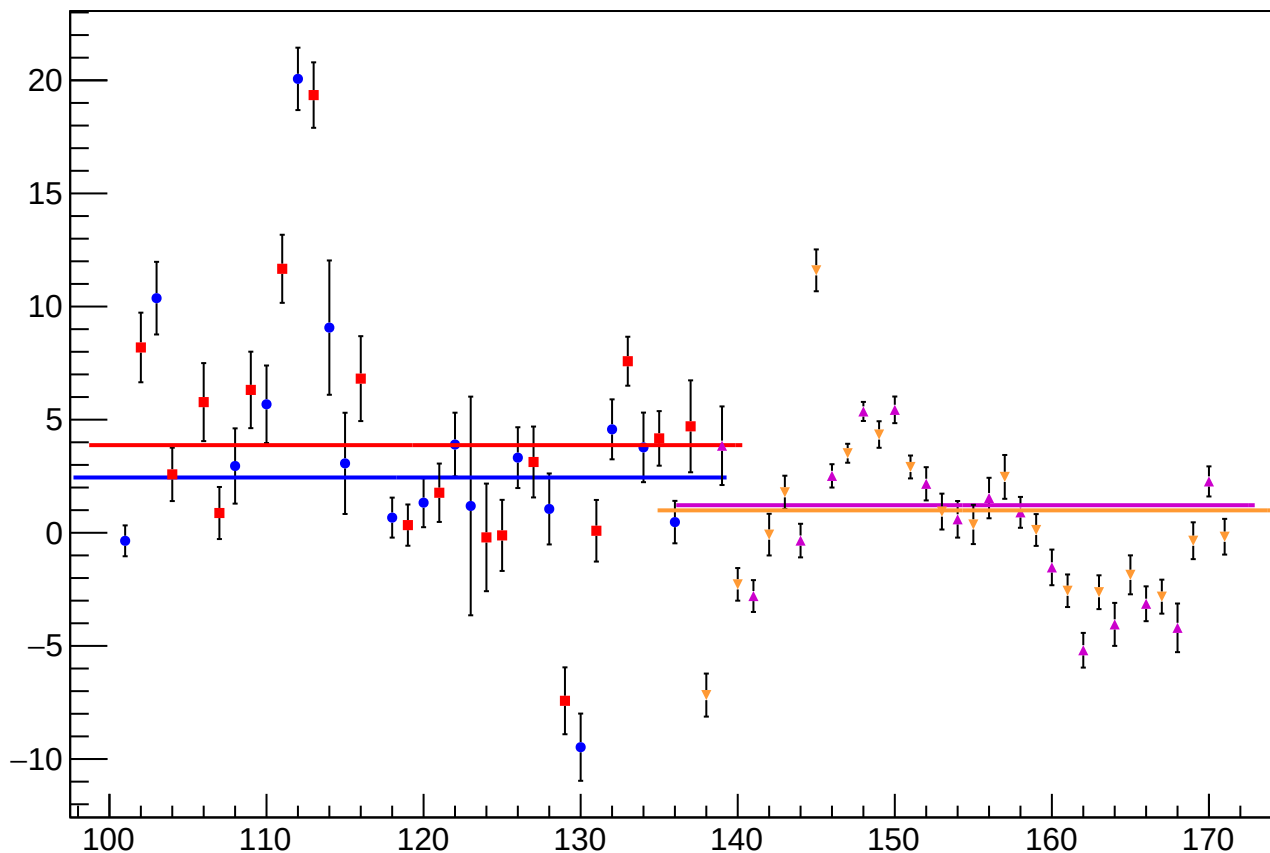
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.730+/-0.249 χ^2/NDF : 924.6/15

Out: -32.261+/-0.241 χ^2/NDF : 957.8/17

All: -32.488+/-0.173 χ^2/NDF : 1884.2/33

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: 0.991 ± 0.167 $\chi^2/\text{NDF}: 405.6/17$

Right Out: 3.874 ± 0.327 $\chi^2/\text{NDF}: 268.3/17$

Left In: 1.219 ± 0.176 $\chi^2/\text{NDF}: 369.0/15$

Left: 1.100 ± 0.121 $\chi^2/\text{NDF}: 775.5/33$

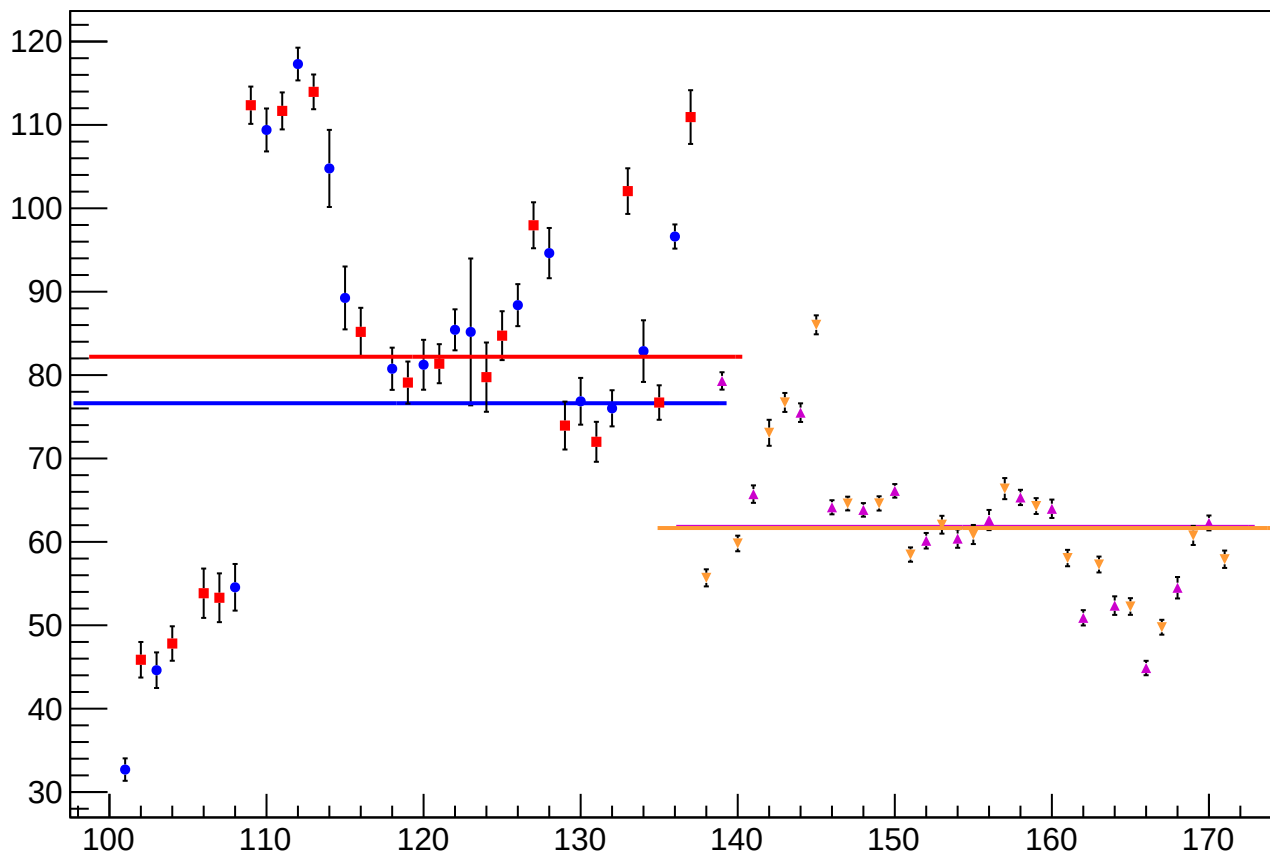
Right: 3.125 ± 0.226 $\chi^2/\text{NDF}: 571.0/34$

In: 1.514 ± 0.153 $\chi^2/\text{NDF}: 673.4/32$

Out: 1.590 ± 0.149 $\chi^2/\text{NDF}: 735.5/35$

All: 1.553 ± 0.107 $\chi^2/\text{NDF}: 1409.1/68$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 61.661 $\pm$ 0.238 χ^2 /NDF:1100.1/17

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.802 $\pm$ 0.243 χ^2 /NDF:1141.3/15

Left: 61.730 $\pm$ 0.170 χ^2 /NDF: 2241.7/33

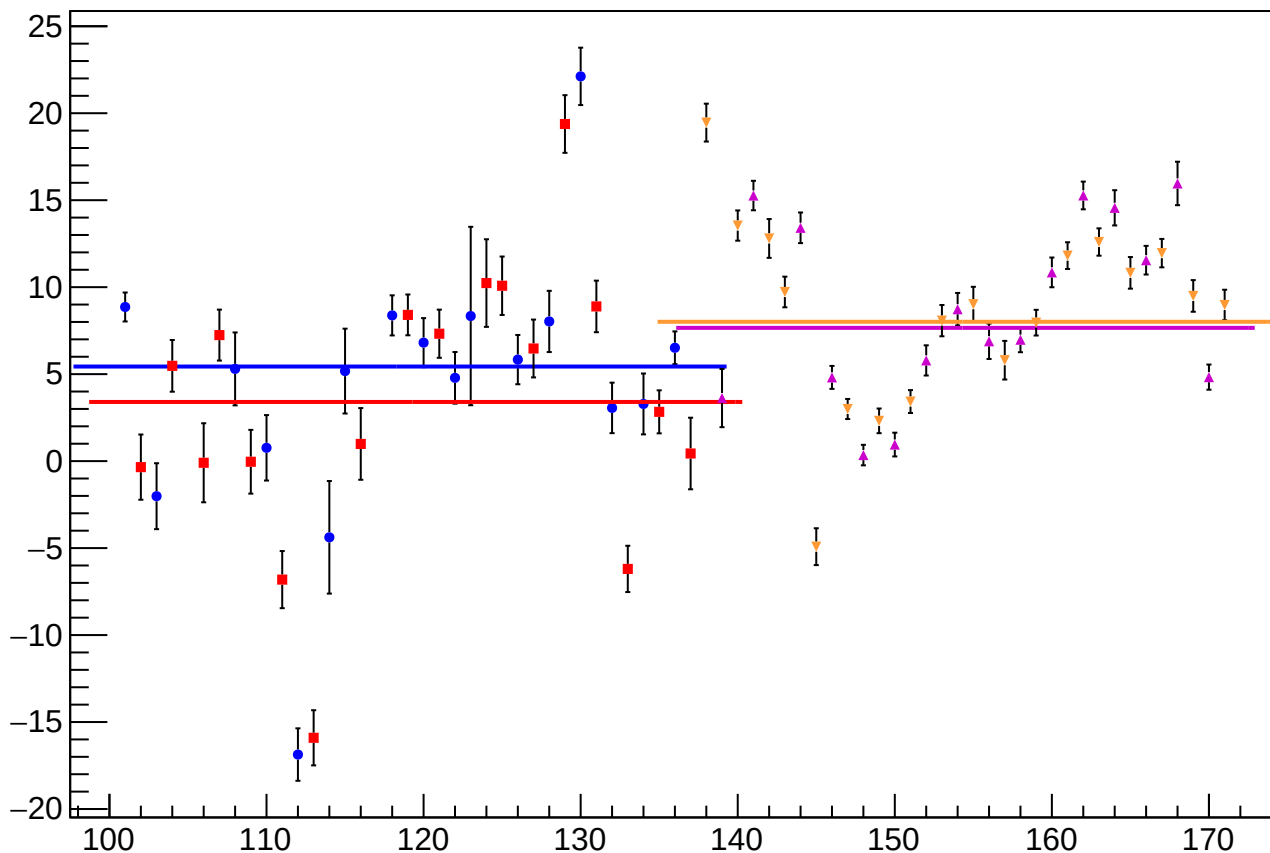
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 64.056 $\pm$ 0.224 χ^2 /NDF:3968.8/32

Out: 64.505 $\pm$ 0.221 χ^2 /NDF:3684.2/35

All: 64.284 $\pm$ 0.157 χ^2 /NDF: 7655.0/68

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 8.010 ± 0.197 $\chi^2/\text{NDF}: 611.2/17$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 7.661 ± 0.206 $\chi^2/\text{NDF}: 639.2/15$

Left: 7.843 ± 0.142 $\chi^2/\text{NDF}: 1252.0/33$

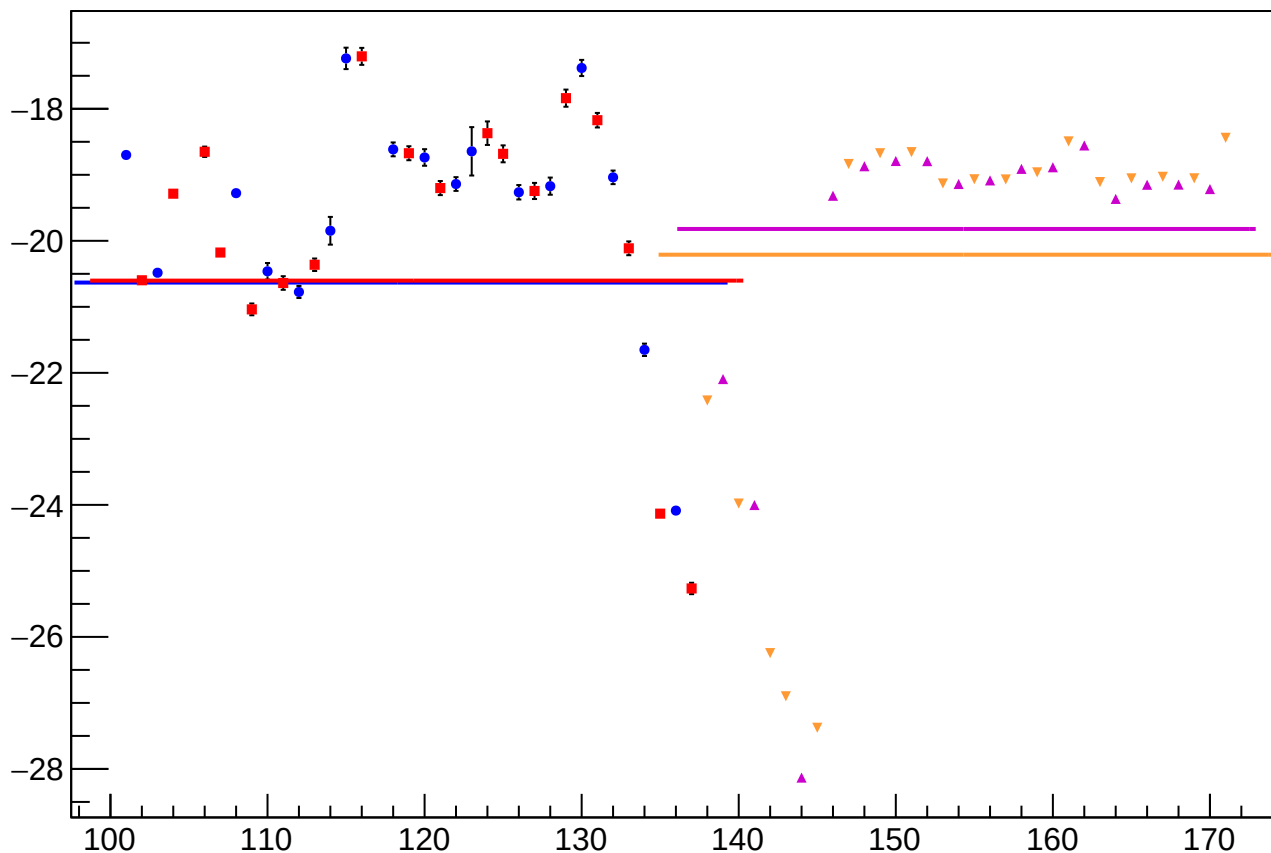
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.110 ± 0.178 $\chi^2/\text{NDF}: 1052.7/32$

Out: 7.018 ± 0.174 $\chi^2/\text{NDF}: 1150.4/35$

All: 7.062 ± 0.125 $\chi^2/\text{NDF}: 2203.2/68$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.210 ± 0.009 $\chi^2/\text{NDF}: 83782.3/17$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.820 ± 0.010 $\chi^2/\text{NDF}: 49193.3/15$

Left: -20.020 ± 0.007 $\chi^2/\text{NDF}: 133816.9/33$

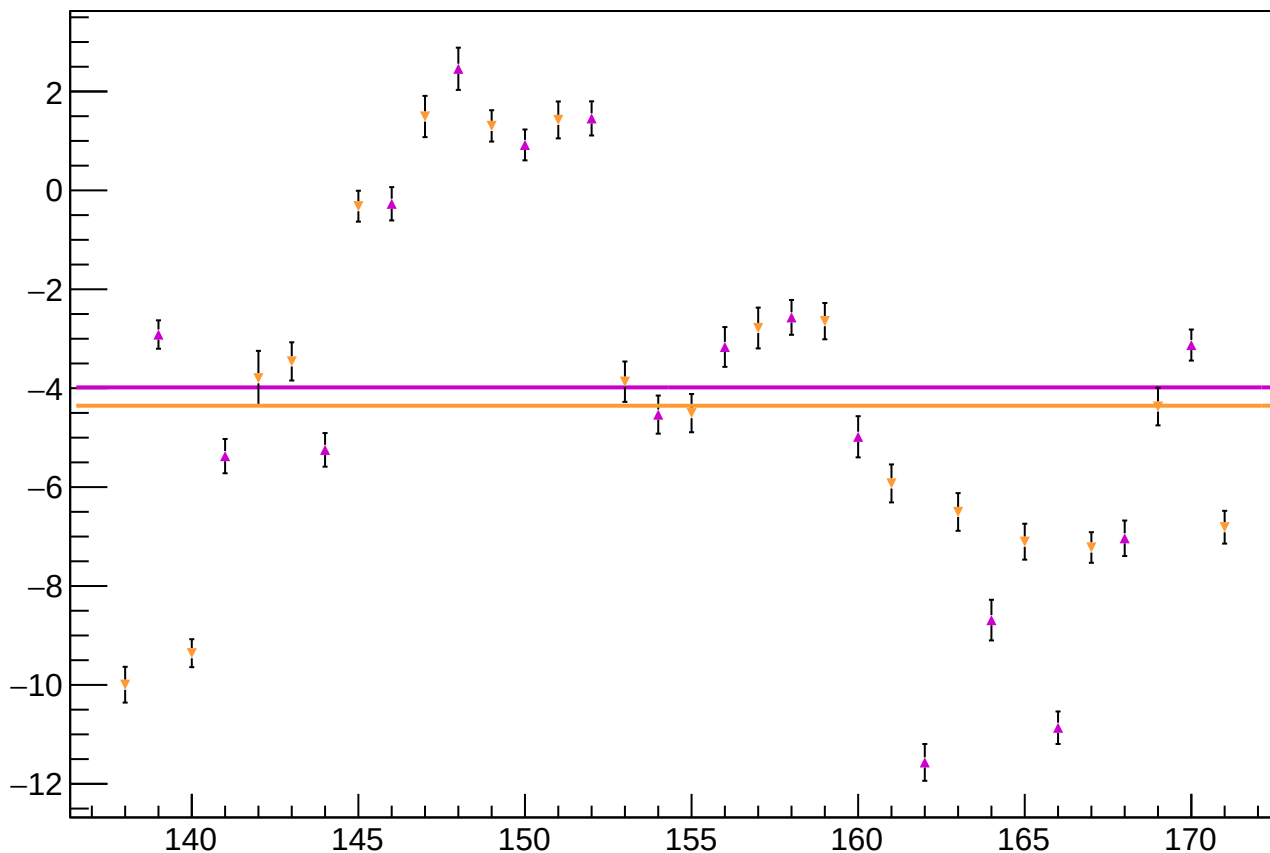
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.982 ± 0.009 $\chi^2/\text{NDF}: 63153.7/32$

Out: -20.284 ± 0.008 $\chi^2/\text{NDF}: 96038.3/35$

All: -20.136 ± 0.006 $\chi^2/\text{NDF}: 159820.5/68$

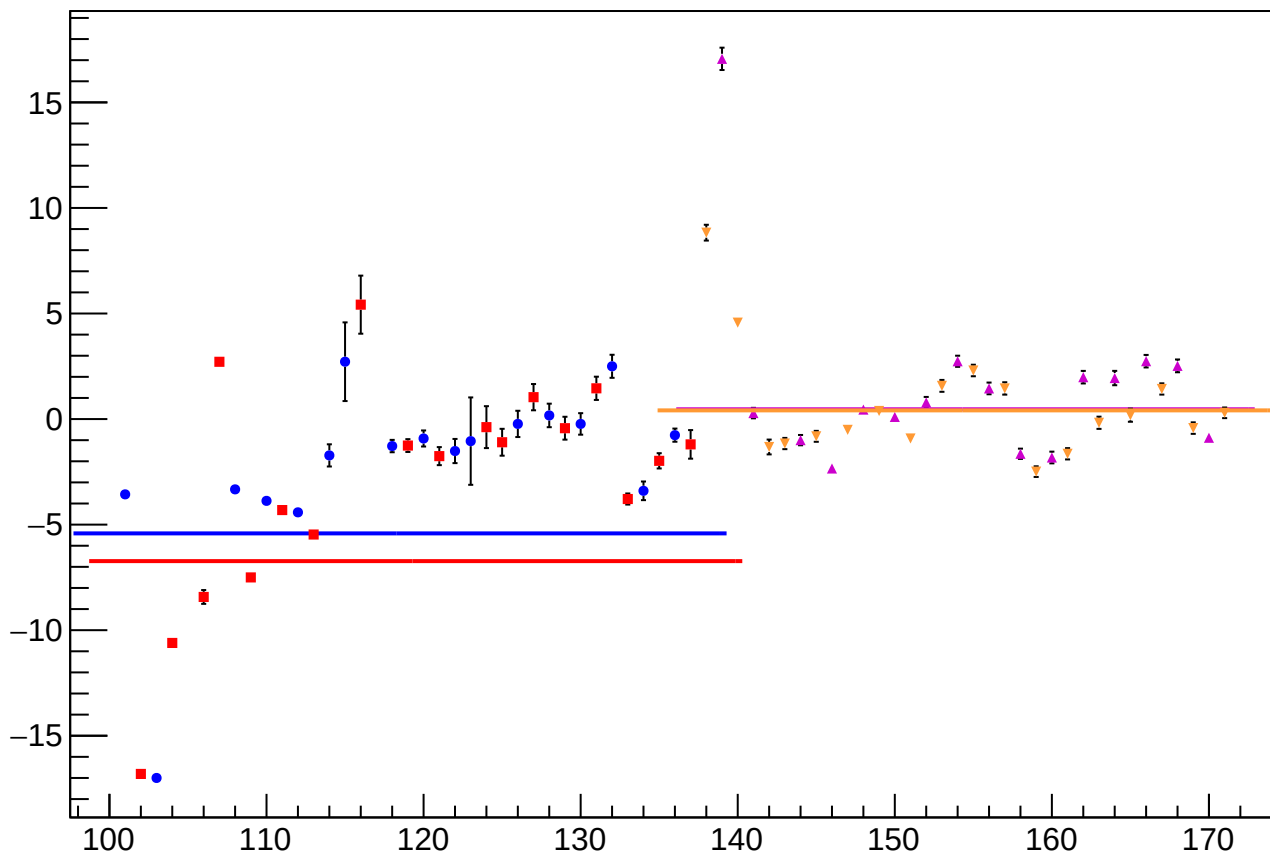
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.354+/-0.085 χ^2/NDF :1768.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.984+/-0.088 χ^2/NDF :1980.9/15

Left: -4.174+/-0.061 χ^2/NDF : 3758.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.984+/-0.088 χ^2/NDF :1980.9/15
 Out: -4.354+/-0.085 χ^2/NDF :1768.3/17
 All: -4.174+/-0.061 χ^2/NDF : 3758.3/33

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 $\chi^2/\text{NDF}: 9255.1/16$

Left Out: 0.412 ± 0.062 $\chi^2/\text{NDF}: 1253.5/17$

Right Out: -6.729 ± 0.060 $\chi^2/\text{NDF}: 11217.0/17$

Left In: 0.464 ± 0.065 $\chi^2/\text{NDF}: 1611.2/15$

Left: 0.436 ± 0.045 $\chi^2/\text{NDF}: 2865.0/33$

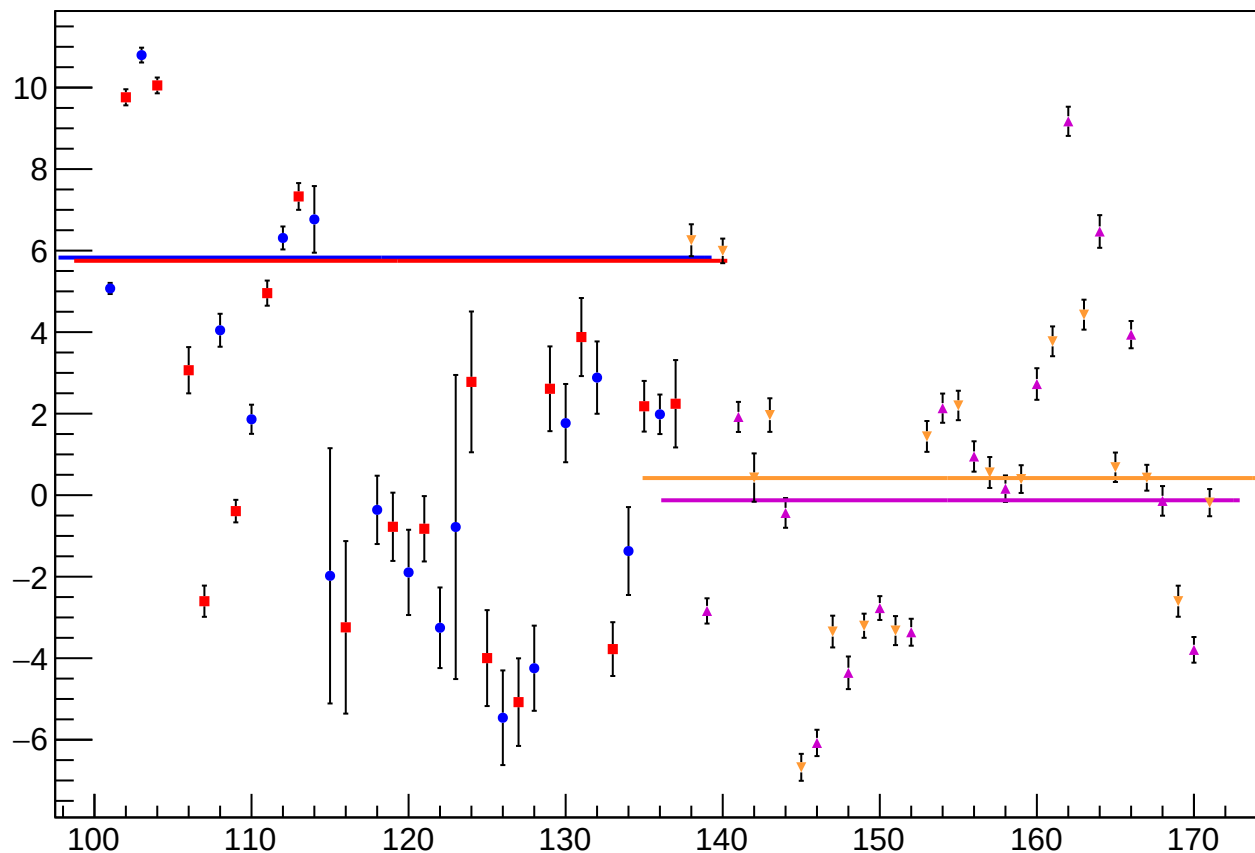
Right: -6.014 ± 0.040 $\chi^2/\text{NDF}: 20734.4/34$

In: -2.981 ± 0.042 $\chi^2/\text{NDF}: 15638.4/32$

Out: -3.262 ± 0.043 $\chi^2/\text{NDF}: 19389.1/35$

All: -3.118 ± 0.030 $\chi^2/\text{NDF}: 35049.3/68$

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.419 ± 0.085 $\chi^2/\text{NDF}: 1692.9/17$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -0.126 ± 0.086 $\chi^2/\text{NDF}: 2069.4/15$

Left: 0.153 ± 0.060 $\chi^2/\text{NDF}: 3782.6/33$

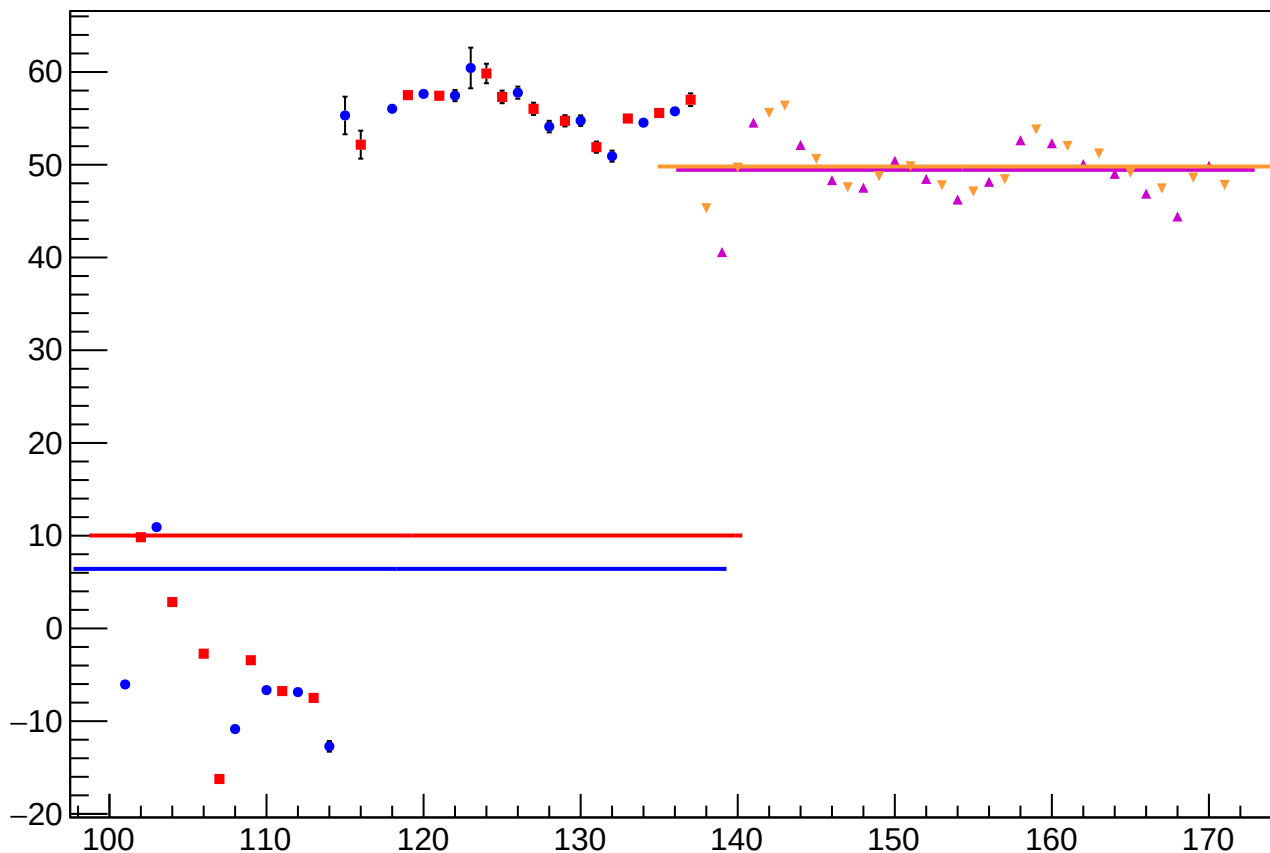
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.745 ± 0.062 $\chi^2/\text{NDF}: 5803.7/32$

Out: 2.742 ± 0.064 $\chi^2/\text{NDF}: 5935.6/35$

All: 2.744 ± 0.044 $\chi^2/\text{NDF}: 11739.3/68$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 49.812 ± 0.071 $\chi^2/\text{NDF}: 1386.0/17$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 49.452 ± 0.075 $\chi^2/\text{NDF}: 1416.2/15$

Left: 49.641 ± 0.052 $\chi^2/\text{NDF}: 2814.3/33$

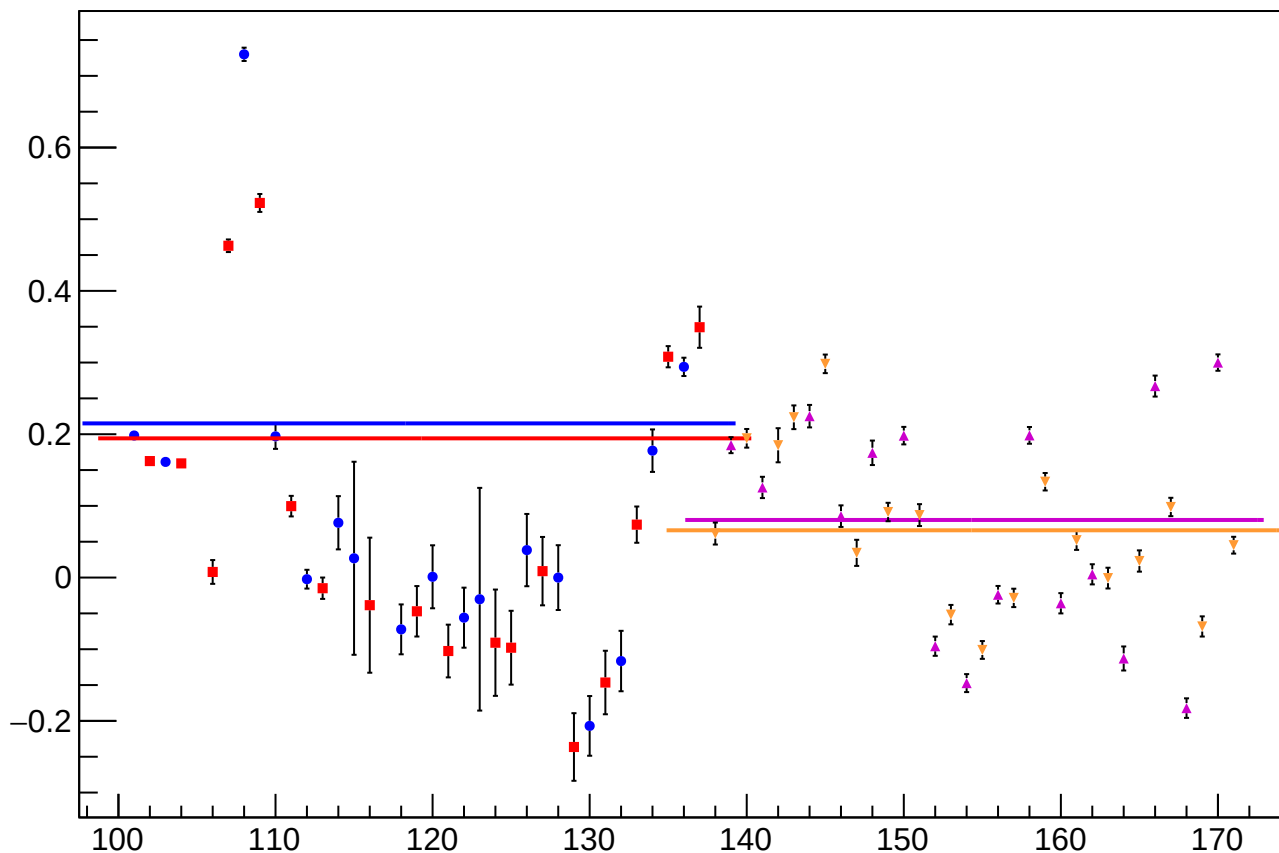
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 24.852 ± 0.049 $\chi^2/\text{NDF}: 313805.1/32$

Out: 29.785 ± 0.050 $\chi^2/\text{NDF}: 280729.1/35$

All: 27.258 ± 0.035 $\chi^2/\text{NDF}: 599487.9/68$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.066 $\pm$ 0.003 χ^2 /NDF:1015.0/17

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.080 $\pm$ 0.003 χ^2 /NDF:2112.1/15

Left: 0.073 $\pm$ 0.002 χ^2 /NDF: 3136.5/33

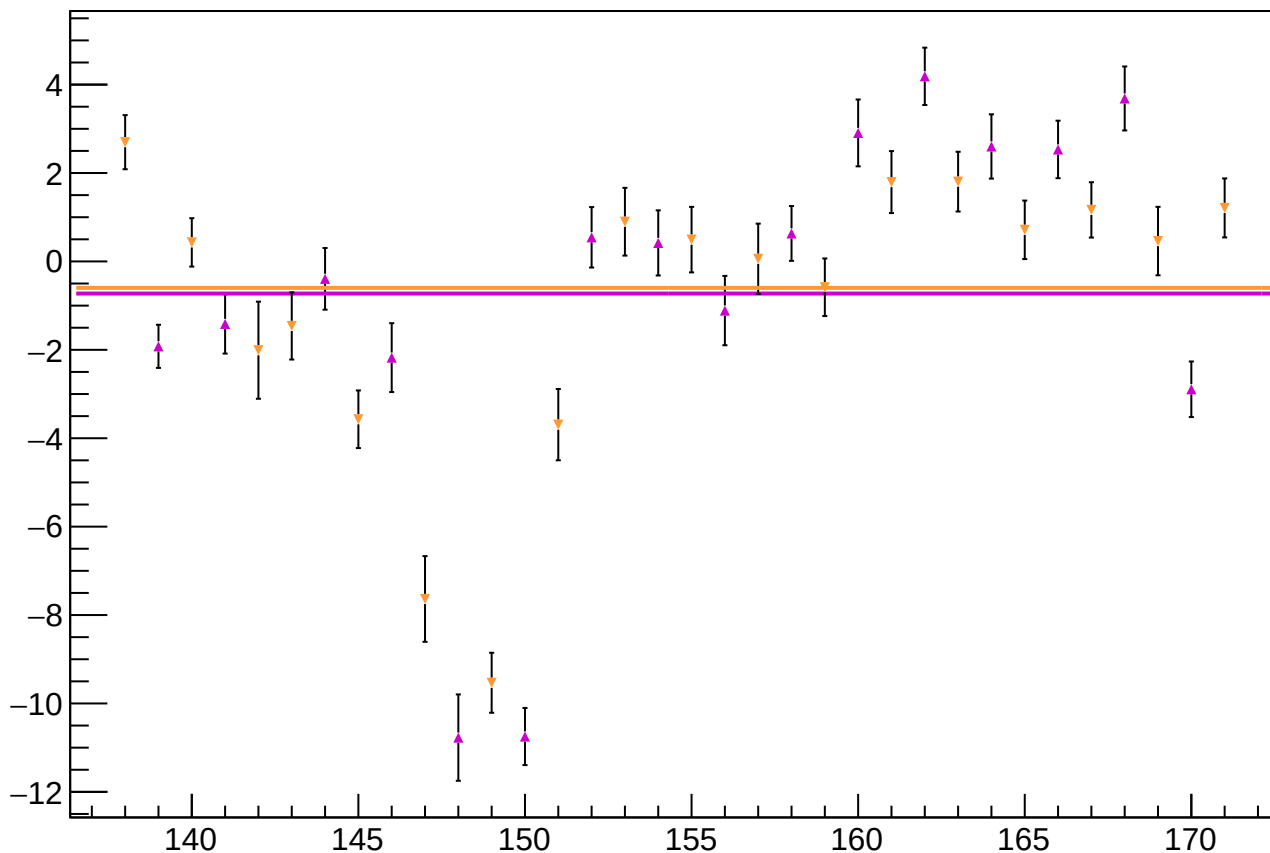
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.161 $\pm$ 0.002 χ^2 /NDF:6995.7/32

Out: 0.141 $\pm$ 0.002 χ^2 /NDF:4432.6/35

All: 0.151 $\pm$ 0.002 χ^2 /NDF: 11469.9/68

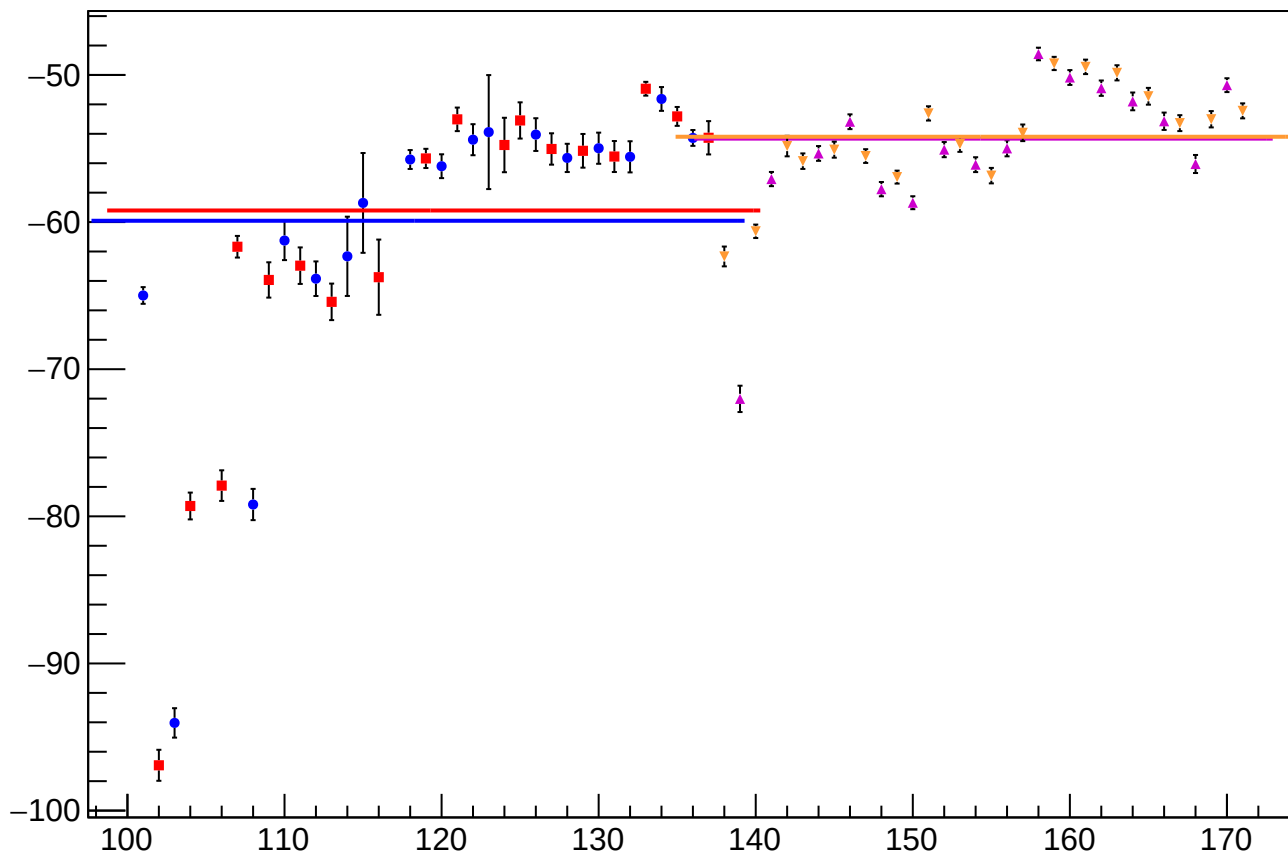
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15

Left: -0.661 $\pm$ 0.119 χ^2 /NDF: 892.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.727 $\pm$ 0.170 χ^2 /NDF:543.3/15
 Out: -0.598 $\pm$ 0.166 χ^2 /NDF:348.8/17
 All: -0.661 $\pm$ 0.119 χ^2 /NDF: 892.5/33

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.200 ± 0.122 χ^2/NDF : 770.4/17

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.328 ± 0.129 χ^2/NDF : 975.9/15

Left: -54.261 ± 0.089 χ^2/NDF : 1746.8/33

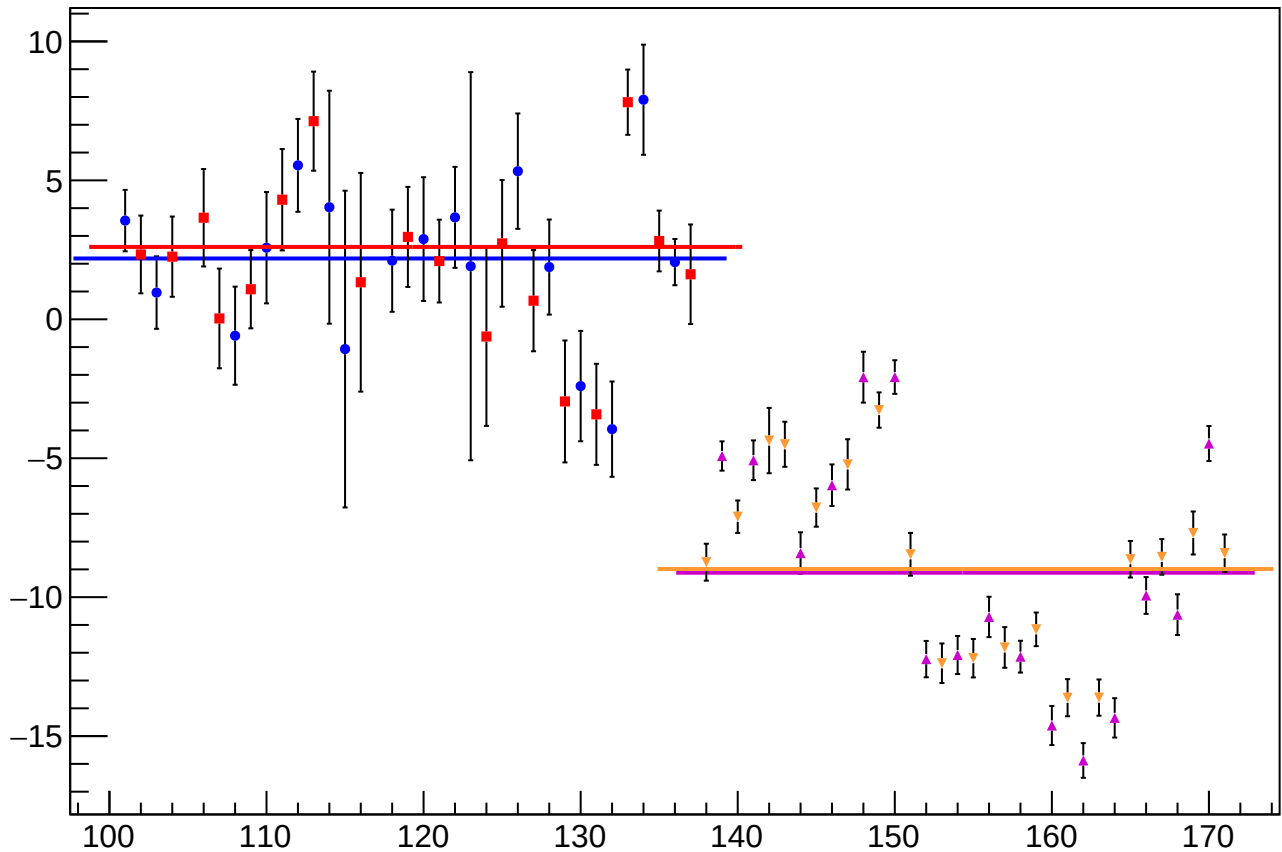
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.732 ± 0.112 χ^2/NDF : 3425.0/32

Out: -55.450 ± 0.106 χ^2/NDF : 3931.3/35

All: -55.583 ± 0.077 χ^2/NDF : 7359.7/68

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.986 ± 0.165 $\chi^2/\text{NDF}: 340.6/17$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.120 ± 0.167 $\chi^2/\text{NDF}: 675.6/15$

Left: -9.052 ± 0.117 $\chi^2/\text{NDF}: 1016.6/33$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -7.469 ± 0.155 $\chi^2/\text{NDF}: 1382.1/32$
 Out: -7.238 ± 0.152 $\chi^2/\text{NDF}: 1138.2/35$
 All: -7.351 ± 0.108 $\chi^2/\text{NDF}: 2521.4/68$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -37.890 ± 0.140 χ^2/NDF : 800.2/17

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.258 ± 0.147 χ^2/NDF : 983.9/15

Left: -37.588 ± 0.101 χ^2/NDF : 1793.8/33

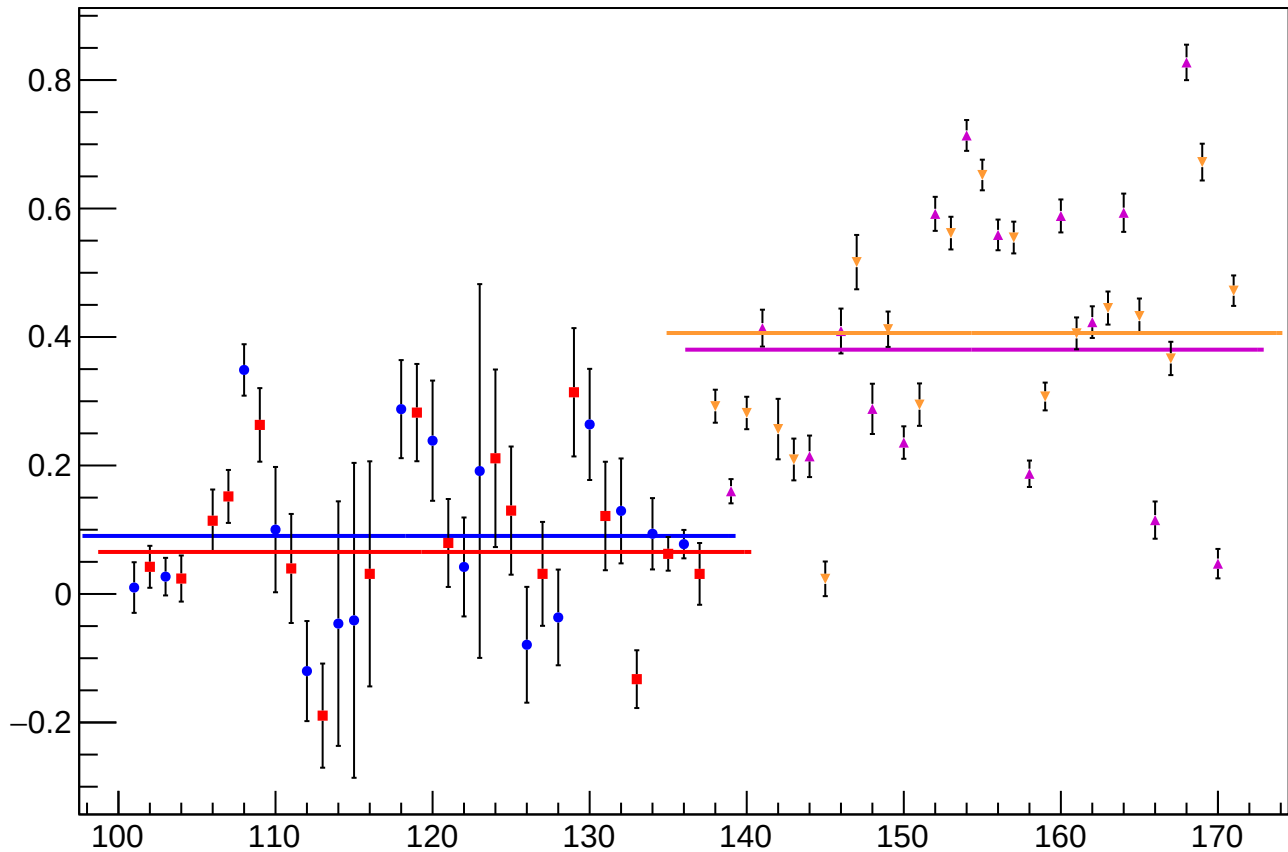
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.148 ± 0.127 χ^2/NDF : 5876.7/32

Out: -36.645 ± 0.121 χ^2/NDF : 6870.8/35

All: -36.407 ± 0.088 χ^2/NDF : 12755.5/68

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.406 $\pm$ 0.006 χ^2 /NDF: 610.8/17

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.380 $\pm$ 0.006 χ^2 /NDF: 1281.4/15

Left: 0.393 $\pm$ 0.005 χ^2 /NDF: 1900.3/33

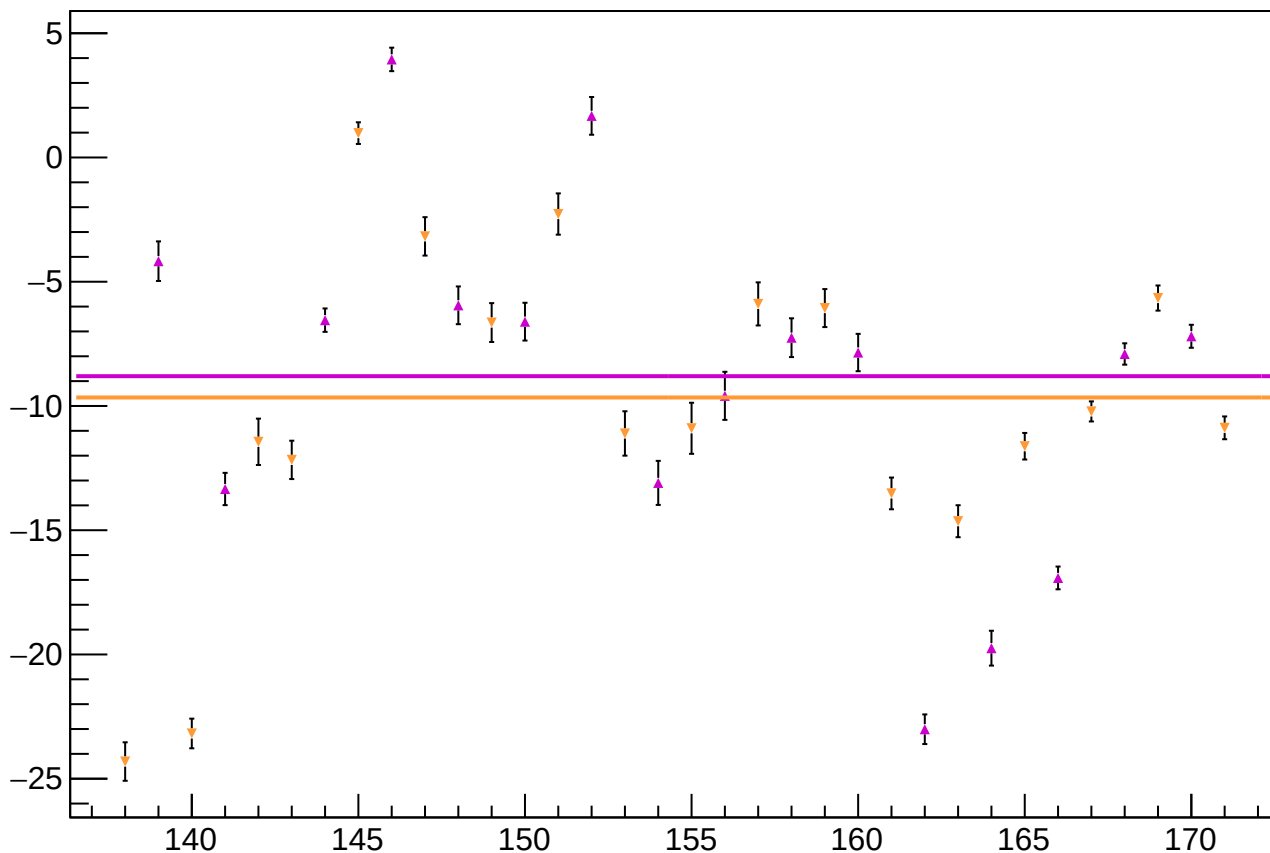
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.321 $\pm$ 0.006 χ^2 /NDF: 1773.6/32

Out: 0.334 $\pm$ 0.006 χ^2 /NDF: 1286.6/35

All: 0.327 $\pm$ 0.004 χ^2 /NDF: 3062.8/68

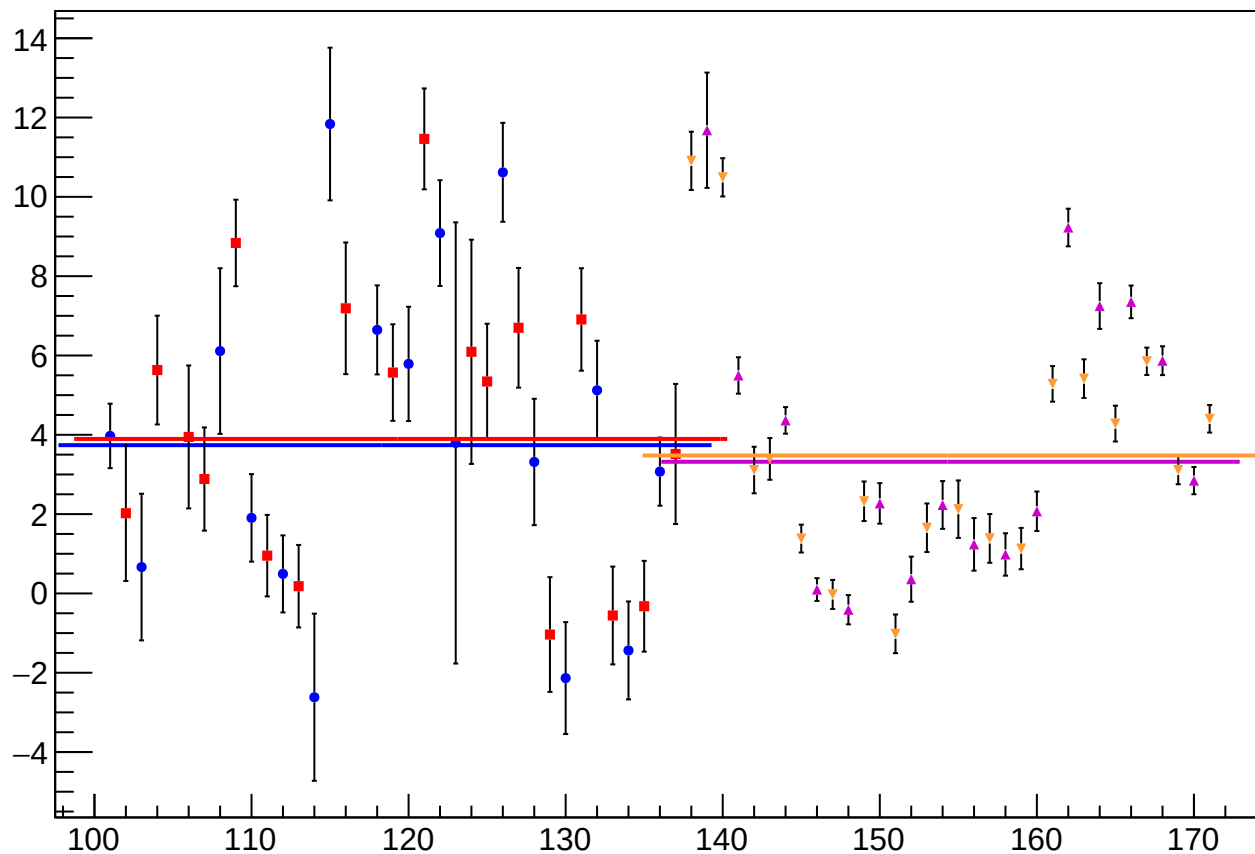
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.658+/-0.148 χ^2/NDF :1871.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.801+/-0.151 χ^2/NDF :2217.2/15

Left: -9.240+/-0.106 χ^2/NDF : 4105.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.801+/-0.151 χ^2/NDF :2217.2/15
 Out: -9.658+/-0.148 χ^2/NDF :1871.6/17
 All: -9.240+/-0.106 χ^2/NDF : 4105.2/33

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 3.478 ± 0.108 χ^2/NDF : 666.4/17

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 3.320 ± 0.110 χ^2/NDF : 711.4/15

Left: 3.401 ± 0.077 χ^2/NDF : 1378.9/33

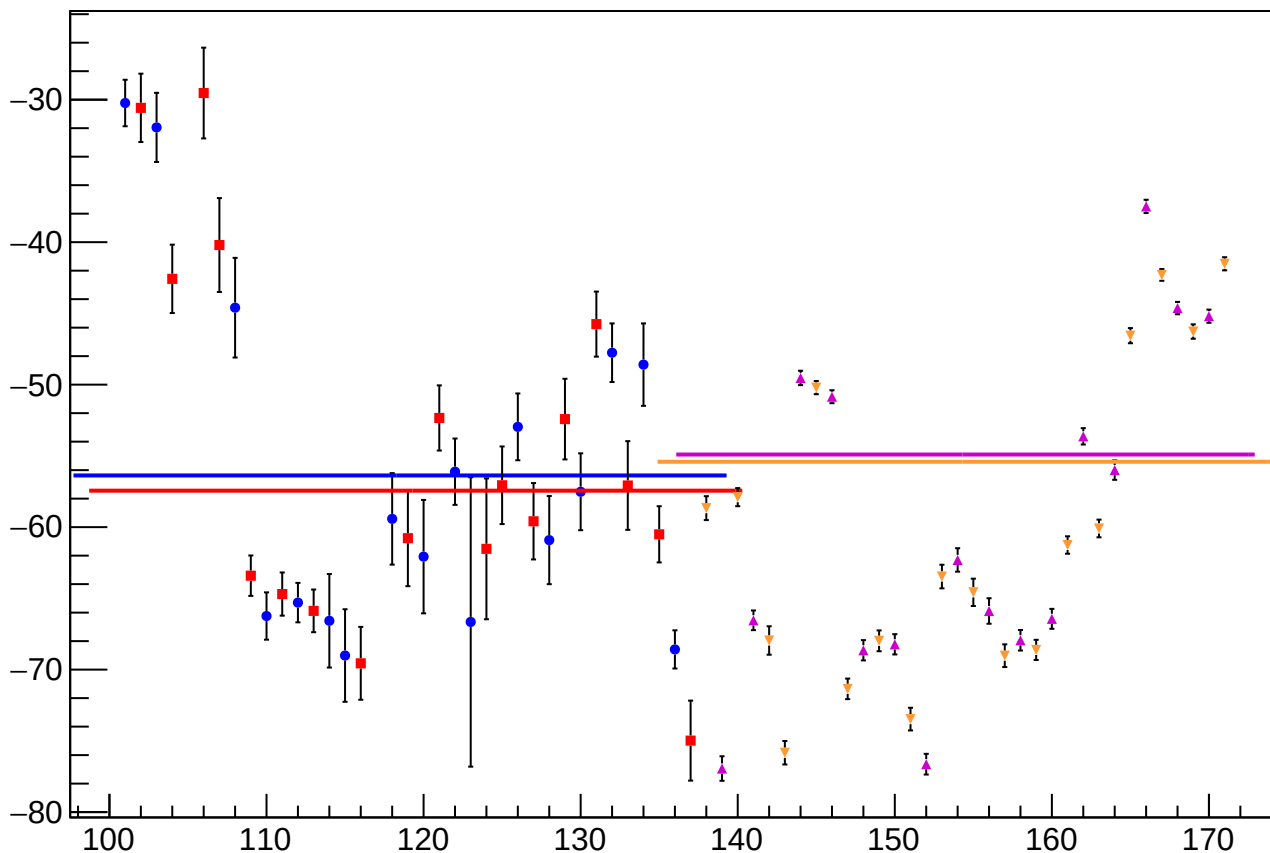
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 3.367 ± 0.104 χ^2/NDF : 849.9/32

Out: 3.522 ± 0.102 χ^2/NDF : 802.8/35

All: 3.446 ± 0.073 χ^2/NDF : 1653.9/68

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: -55.411 ± 0.148 χ^2/NDF : 5718.1/17

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -54.904 ± 0.150 χ^2/NDF : 5982.4/15

Left: -55.161 ± 0.105 χ^2/NDF : 11706.3/33

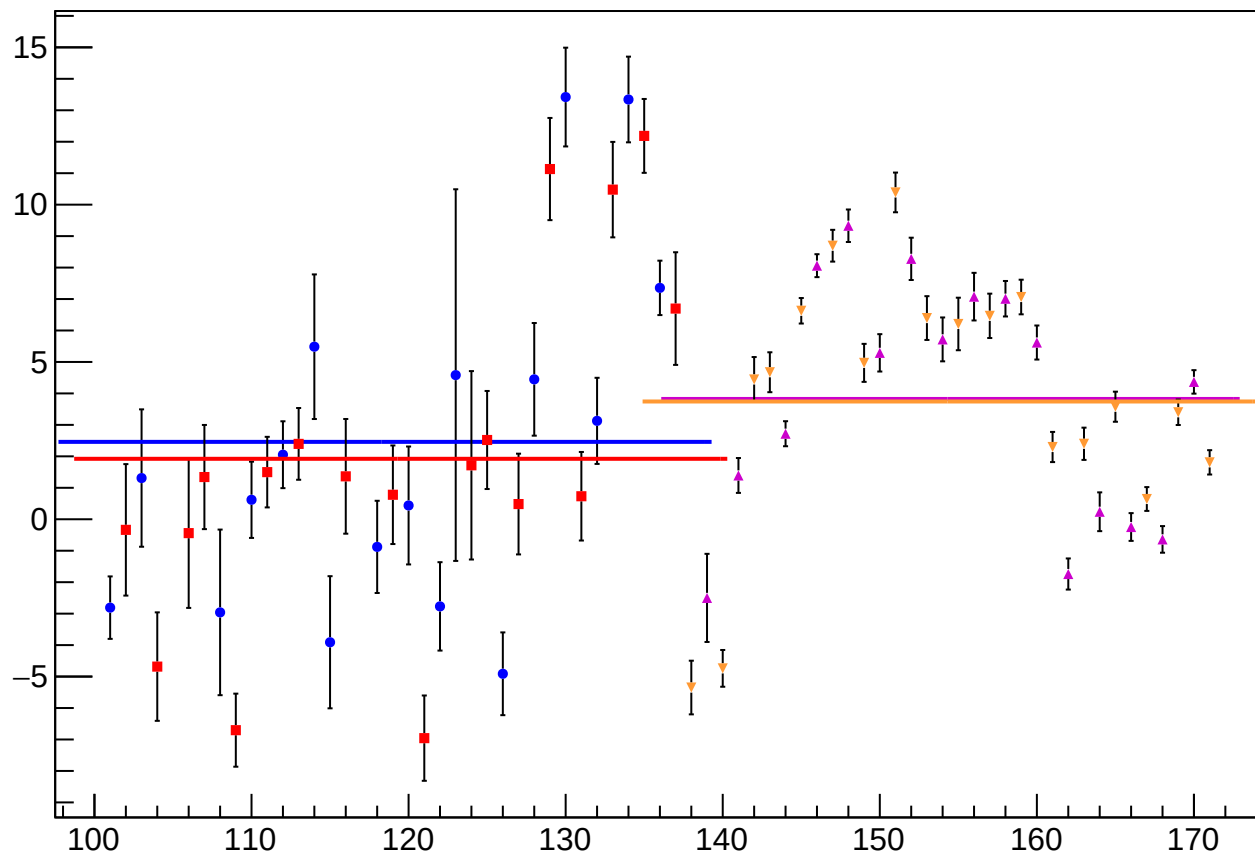
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -55.008 ± 0.145 χ^2/NDF : 6576.8/32

Out: -55.554 ± 0.143 χ^2/NDF : 6172.4/35

All: -55.285 ± 0.101 χ^2/NDF : 12756.4/68

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 3.743 $\pm$ 0.124 χ^2 /NDF: 772.8/17

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 3.824 $\pm$ 0.128 χ^2 /NDF: 773.5/15

Left: 3.783 $\pm$ 0.089 χ^2 /NDF: 1546.5/33

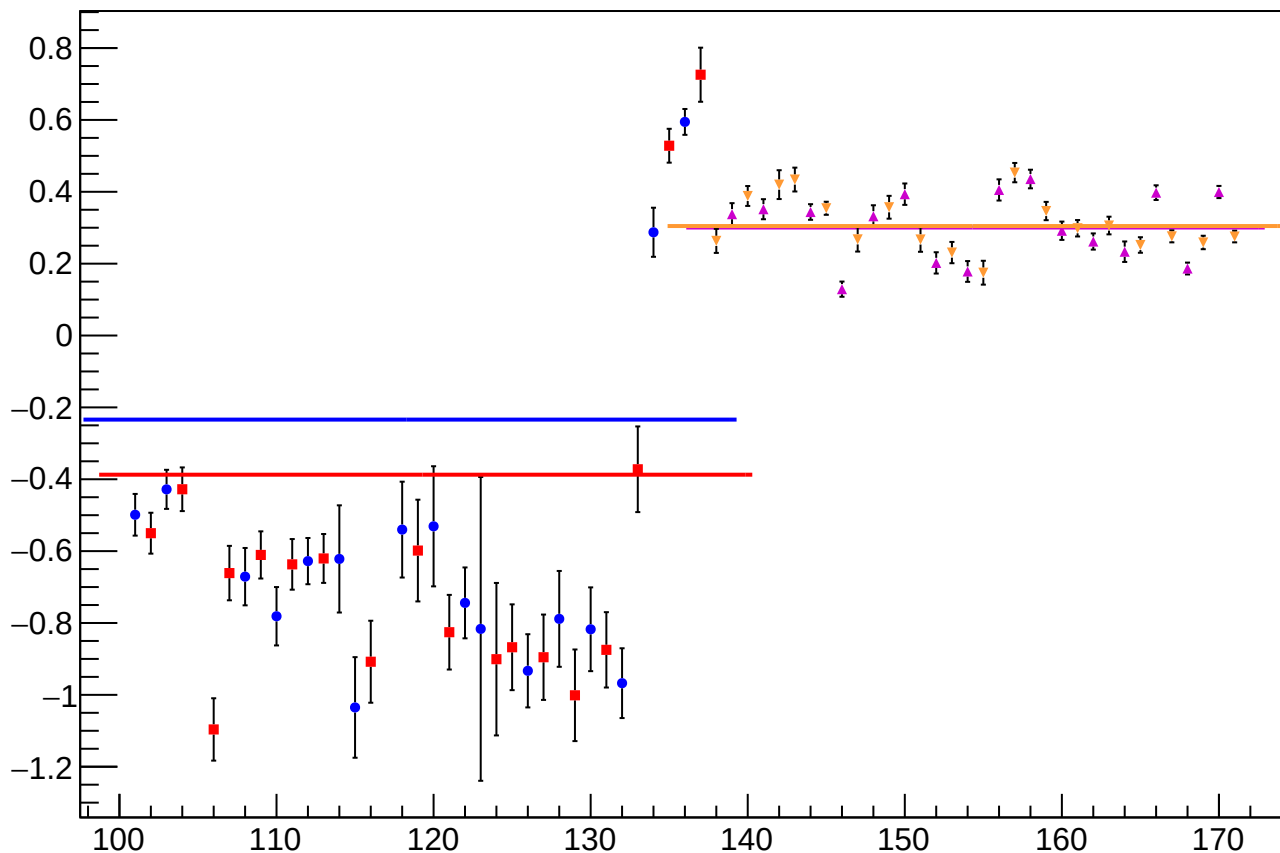
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 3.661 $\pm$ 0.120 χ^2 /NDF: 1031.1/32

Out: 3.546 $\pm$ 0.117 χ^2 /NDF: 1061.4/35

All: 3.602 $\pm$ 0.084 χ^2 /NDF: 2092.9/68

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.305 ± 0.006 χ^2/NDF : 119.5/17

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.301 ± 0.006 χ^2/NDF : 266.9/15

Left: 0.303 ± 0.004 χ^2/NDF : 386.7/33

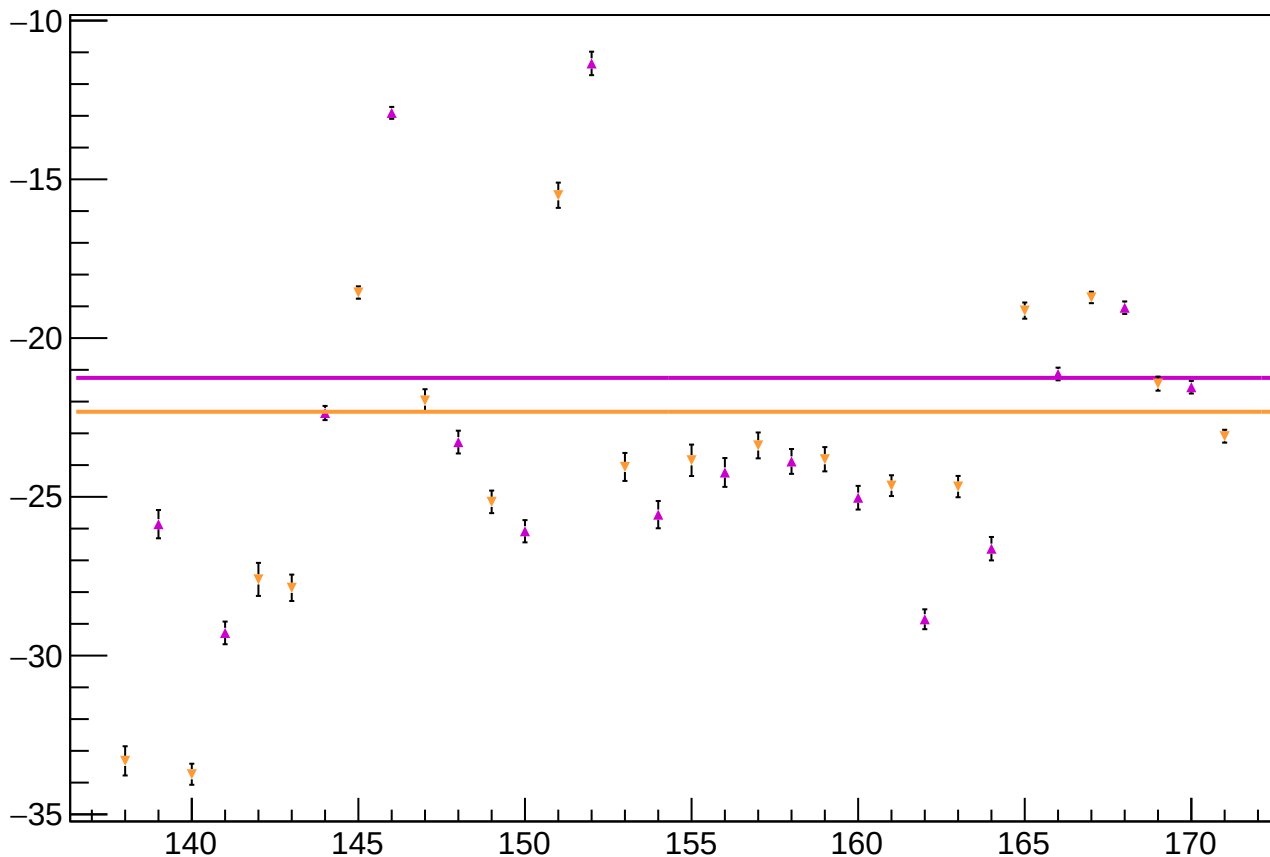
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.252 ± 0.006 χ^2/NDF : 1953.2/32

Out: 0.247 ± 0.005 χ^2/NDF : 2181.2/35

All: 0.249 ± 0.004 χ^2/NDF : 4134.9/68

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.320 $\pm$ 0.070 χ^2 /NDF:3496.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

Left: -21.788 $\pm$ 0.050 χ^2 /NDF: 8392.6/33

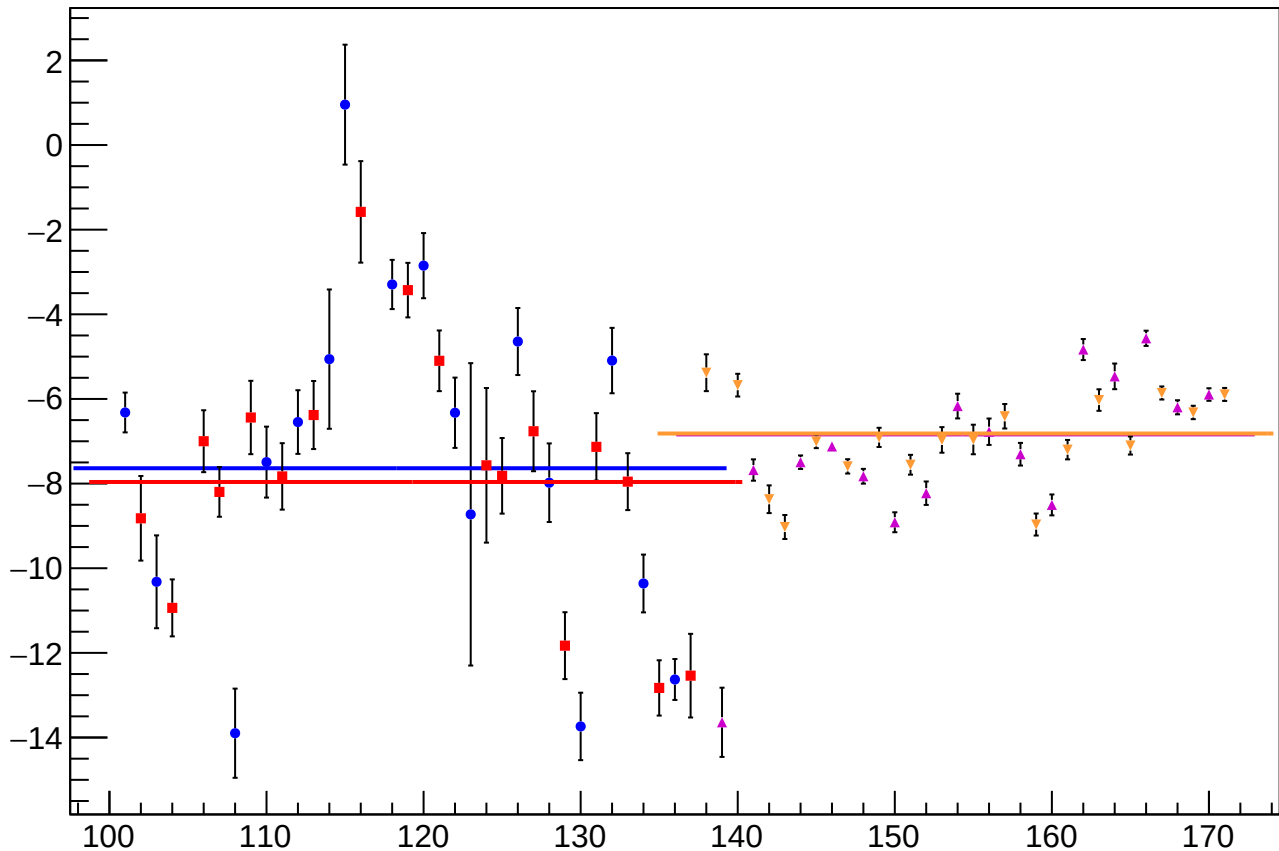
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -21.254 $\pm$ 0.070 χ^2 /NDF:4781.1/15

Out: -22.320 $\pm$ 0.070 χ^2 /NDF:3496.5/17

All: -21.788 $\pm$ 0.050 χ^2 /NDF: 8392.6/33

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.817 ± 0.051 χ^2/NDF : 313.9/17

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.838 ± 0.051 χ^2/NDF : 591.9/15

Left: -6.828 ± 0.036 χ^2/NDF : 905.9/33

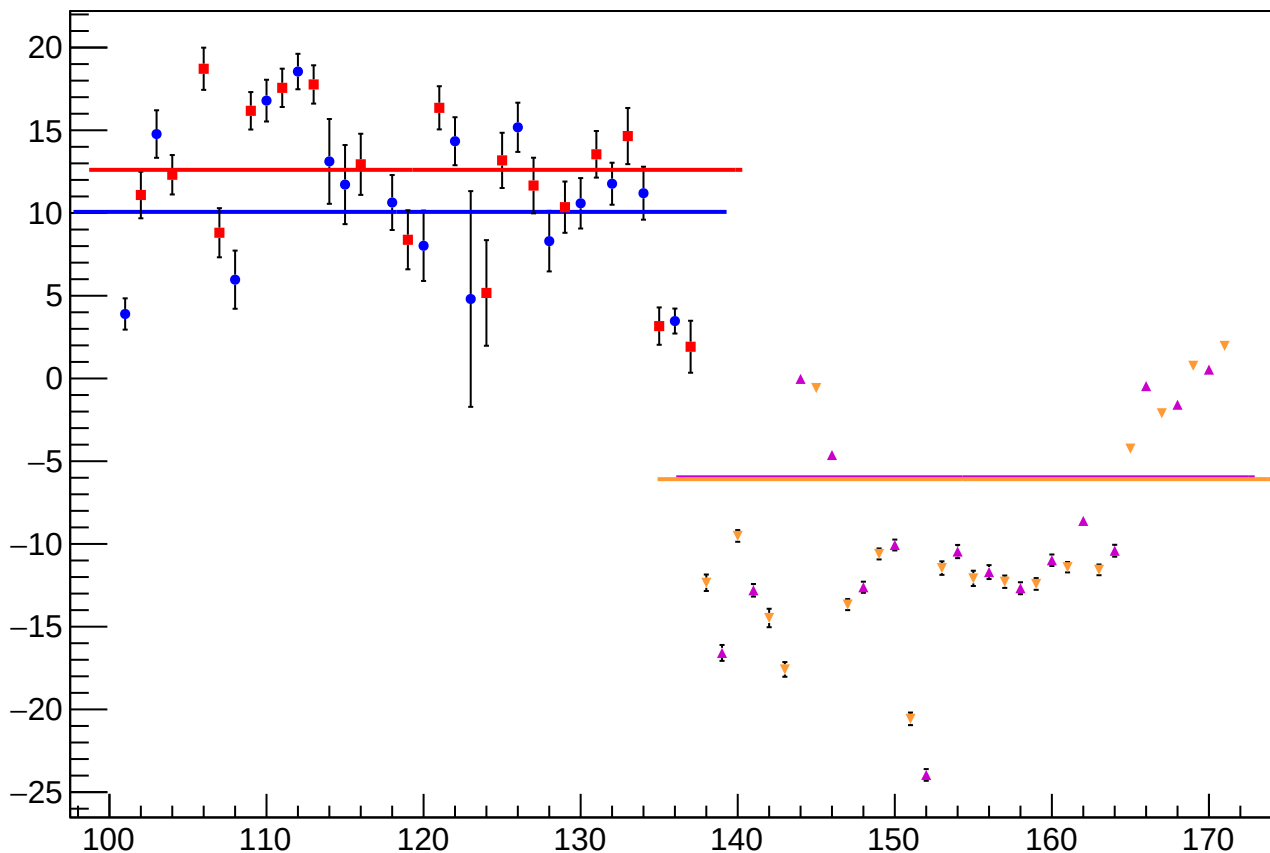
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.894 ± 0.049 χ^2/NDF : 1003.1/32

Out: -6.898 ± 0.050 χ^2/NDF : 575.7/35

All: -6.896 ± 0.035 χ^2/NDF : 1578.8/68

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -6.085 ± 0.070 $\chi^2/\text{NDF}: 8552.1/17$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -5.974 ± 0.070 $\chi^2/\text{NDF}: 7979.0/15$

Left: -6.029 ± 0.049 $\chi^2/\text{NDF}: 16532.3/33$

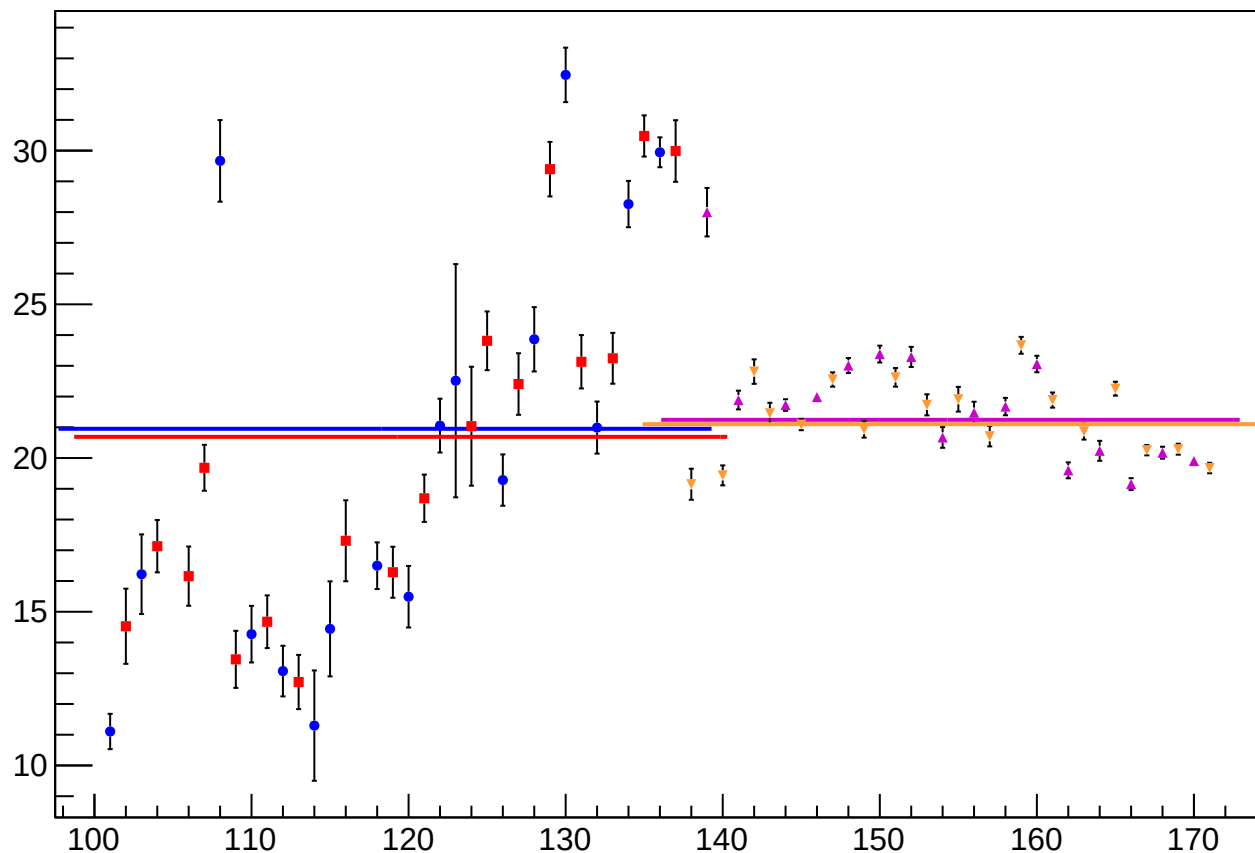
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -5.319 ± 0.068 $\chi^2/\text{NDF}: 10400.6/32$

Out: -5.293 ± 0.069 $\chi^2/\text{NDF}: 11787.1/35$

All: -5.306 ± 0.048 $\chi^2/\text{NDF}: 22187.8/68$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 21.102 $\pm$ 0.059 χ^2 /NDF: 373.6/17

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 21.243 $\pm$ 0.059 χ^2 /NDF: 580.2/15

Left: 21.172 $\pm$ 0.042 χ^2 /NDF: 956.7/33

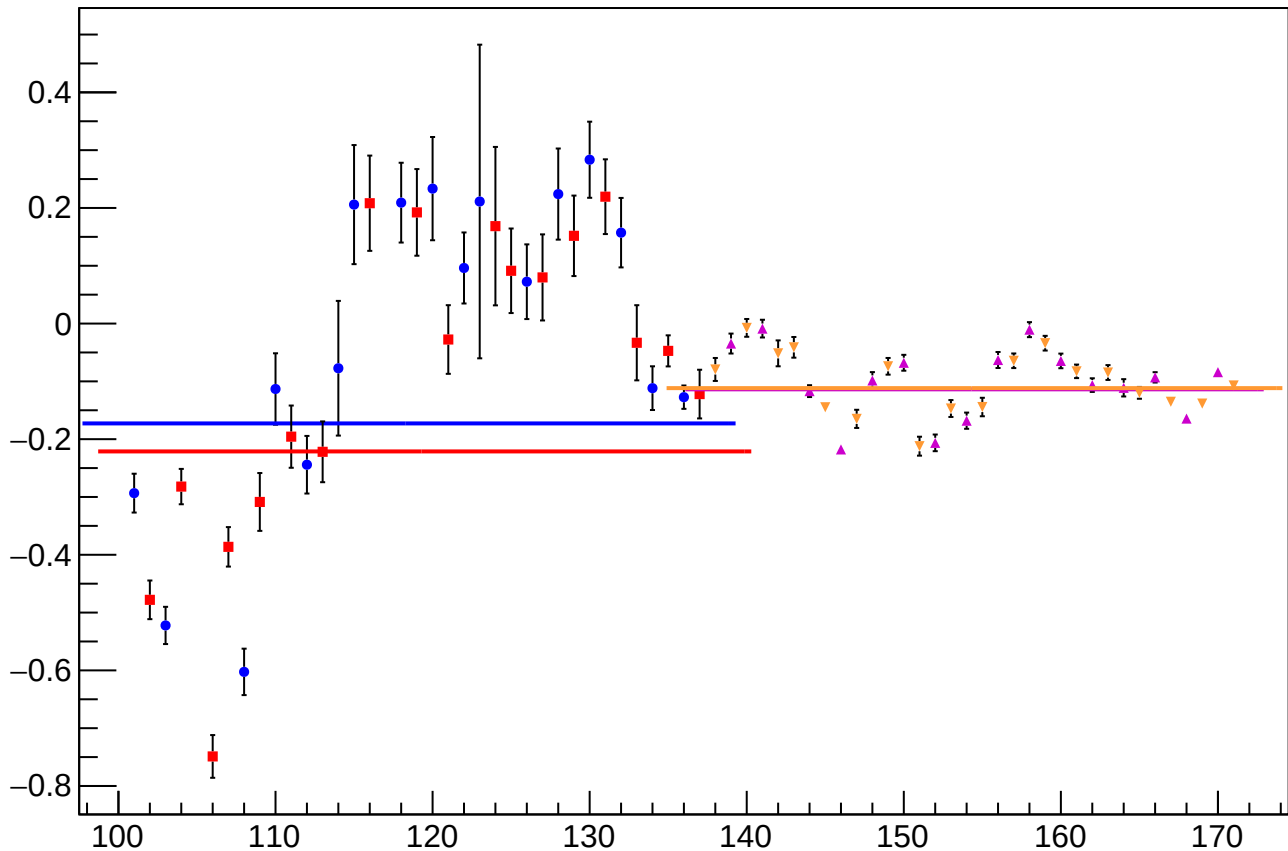
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 21.222 $\pm$ 0.057 χ^2 /NDF: 1804.8/32

Out: 21.073 $\pm$ 0.057 χ^2 /NDF: 1104.0/35

All: 21.147 $\pm$ 0.040 χ^2 /NDF: 2912.3/68

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.112 ± 0.003 χ^2/NDF : 237.5/17

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.114 ± 0.003 χ^2/NDF : 447.2/15

Left: -0.113 ± 0.002 χ^2/NDF : 685.0/33

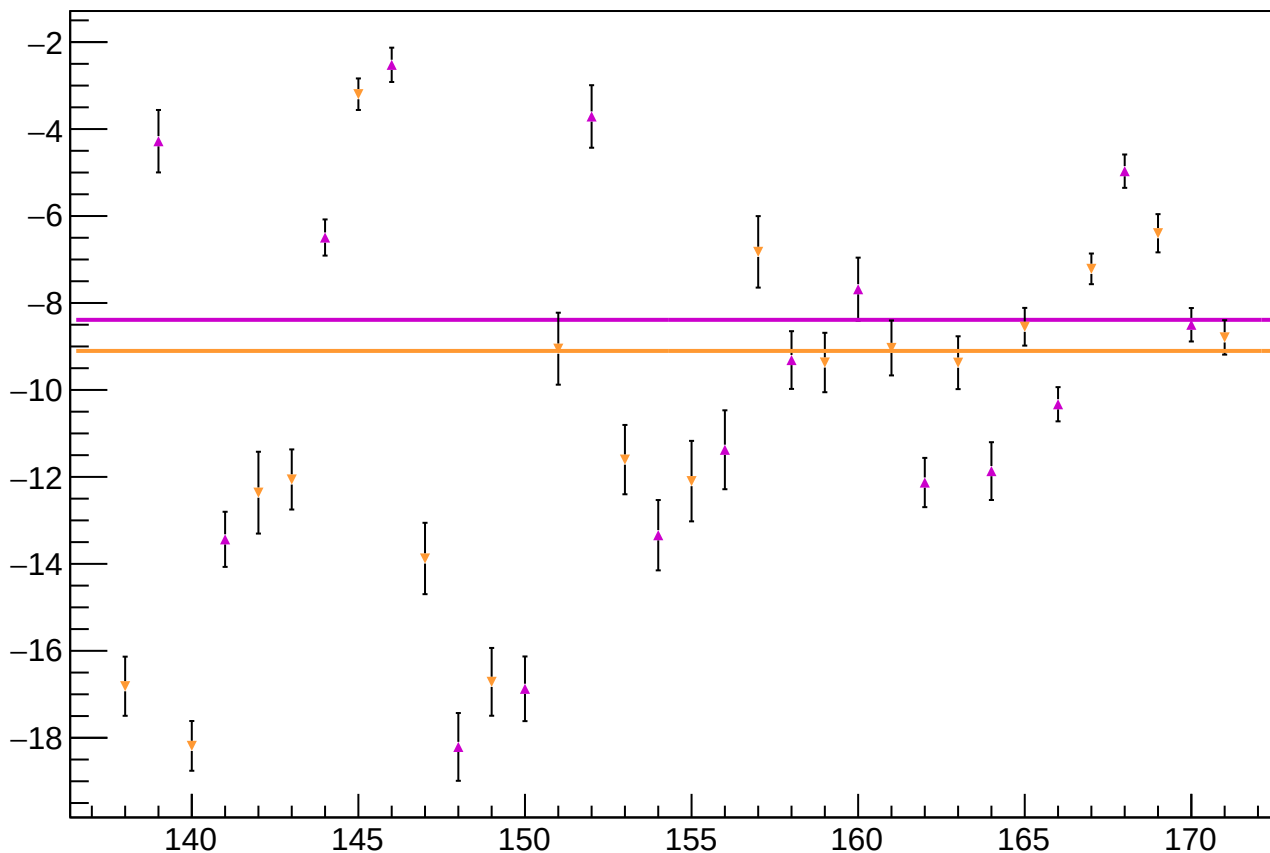
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.117 ± 0.003 χ^2/NDF : 933.7/32

Out: -0.118 ± 0.003 χ^2/NDF : 866.6/35

All: -0.118 ± 0.002 χ^2/NDF : 1800.3/68

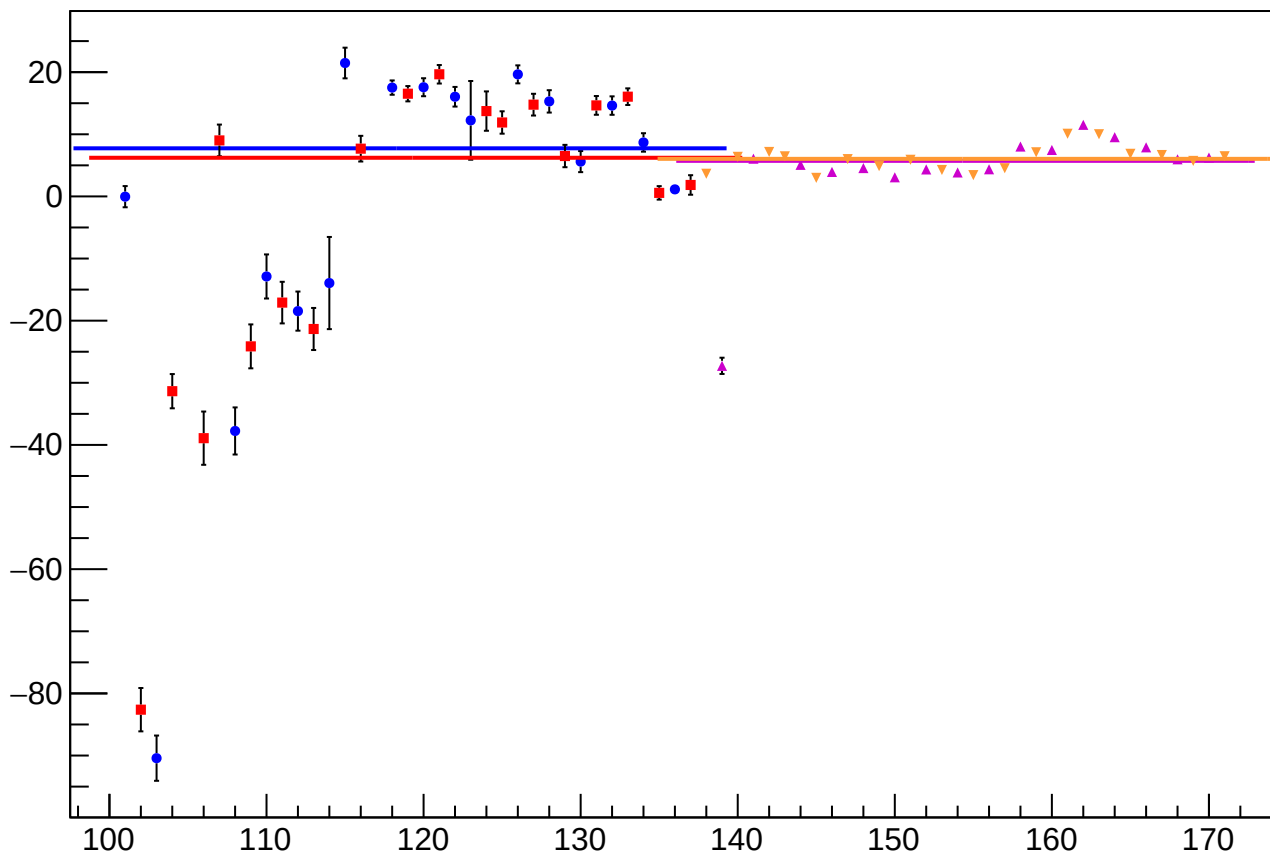
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.103 $\pm$ 0.132 χ^2/NDF :902.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.388 $\pm$ 0.136 χ^2/NDF :895.4/15

Left: -8.754 $\pm$ 0.095 χ^2/NDF : 1811.9/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.388 $\pm$ 0.136 χ^2/NDF :895.4/15
 Out: -9.103 $\pm$ 0.132 χ^2/NDF :902.3/17
 All: -8.754 $\pm$ 0.095 χ^2/NDF : 1811.9/33

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.047 ± 0.098 χ^2/NDF : 345.1/17

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 5.725 ± 0.100 χ^2/NDF : 1047.5/15

Left: 5.889 ± 0.070 χ^2/NDF : 1397.9/33

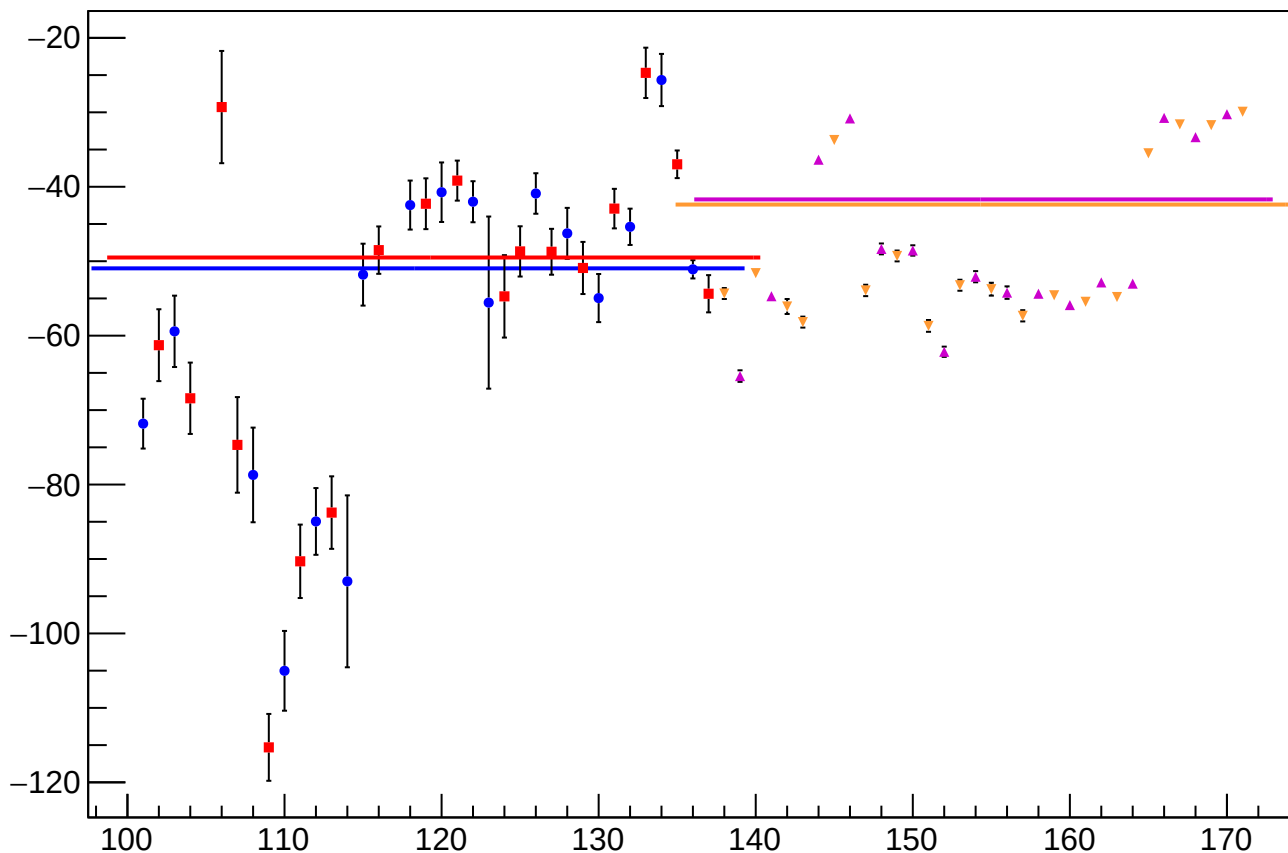
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 5.842 ± 0.097 χ^2/NDF : 2430.0/32

Out: 6.056 ± 0.096 χ^2/NDF : 1791.2/35

All: 5.950 ± 0.068 χ^2/NDF : 4223.7/68

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -42.390 ± 0.133 χ^2/NDF : 7153.5/17

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -41.699 ± 0.135 χ^2/NDF : 7435.5/15

Left: -42.049 ± 0.094 χ^2/NDF : 14602.3/33

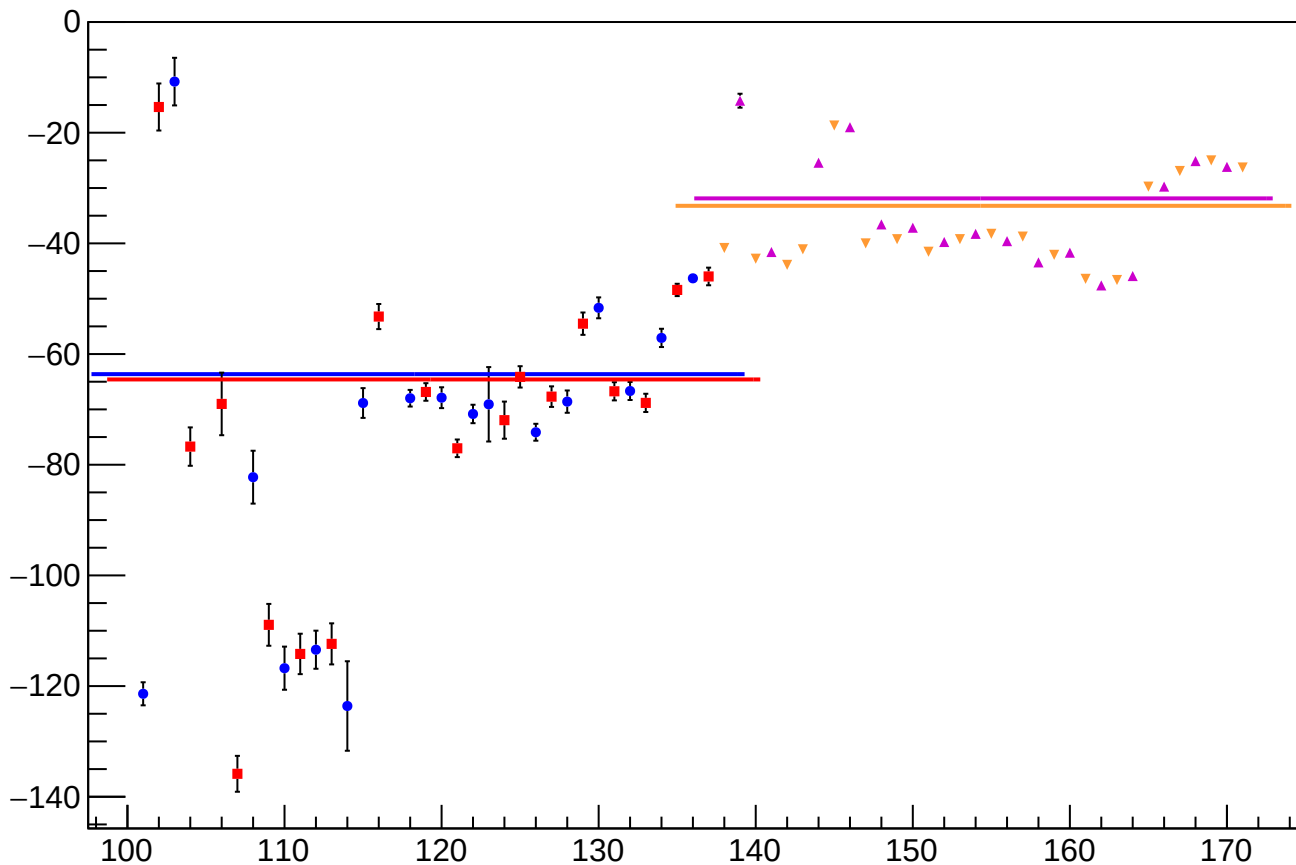
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -41.996 ± 0.132 χ^2/NDF : 7919.6/32

Out: -42.581 ± 0.131 χ^2/NDF : 7737.2/35

All: -42.292 ± 0.093 χ^2/NDF : 15666.7/68

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -33.213 ± 0.112 χ^2/NDF : 6627.0/17

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -31.871 ± 0.115 χ^2/NDF : 6371.7/15

Left: -32.562 ± 0.080 χ^2/NDF : 13068.6/33

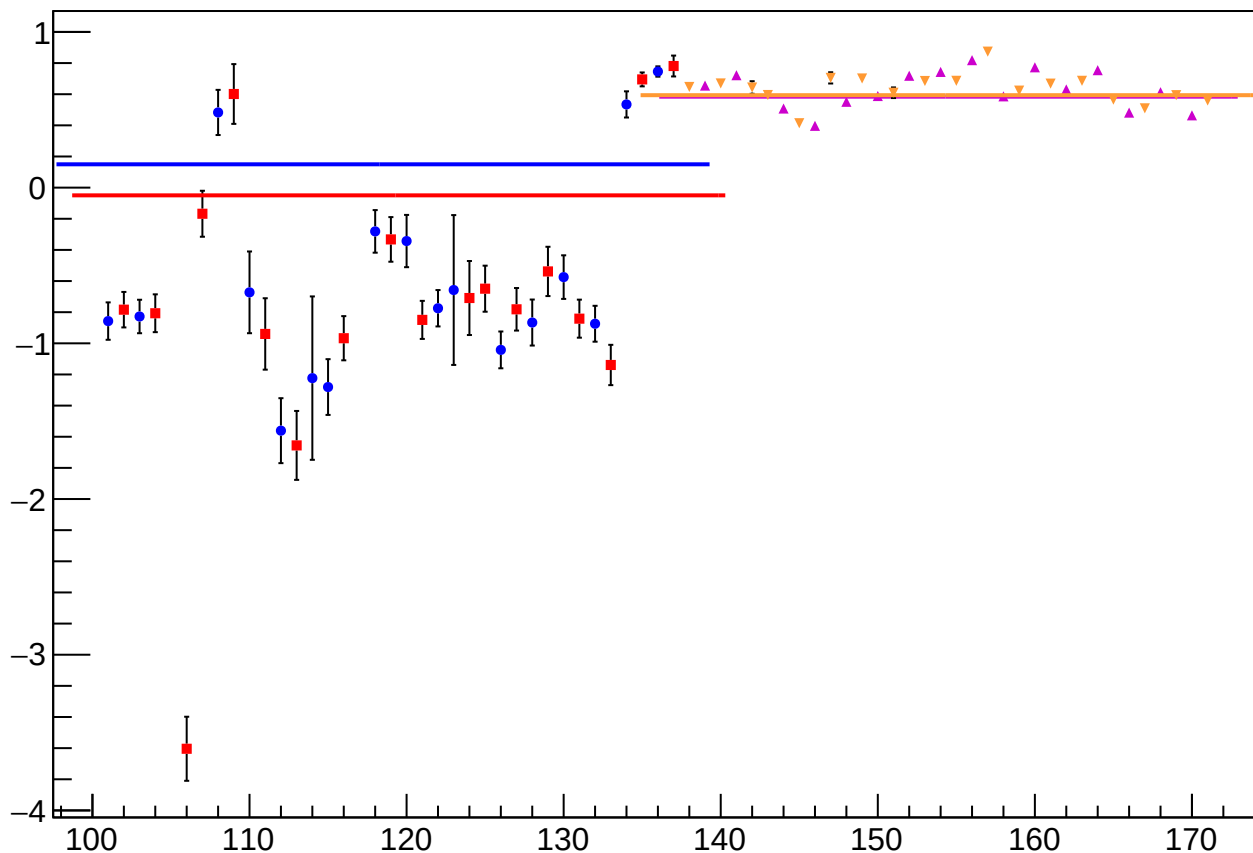
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.856 ± 0.111 χ^2/NDF : 13140.2/32

Out: -34.811 ± 0.109 χ^2/NDF : 12240.4/35

All: -34.345 ± 0.078 χ^2/NDF : 25418.2/68

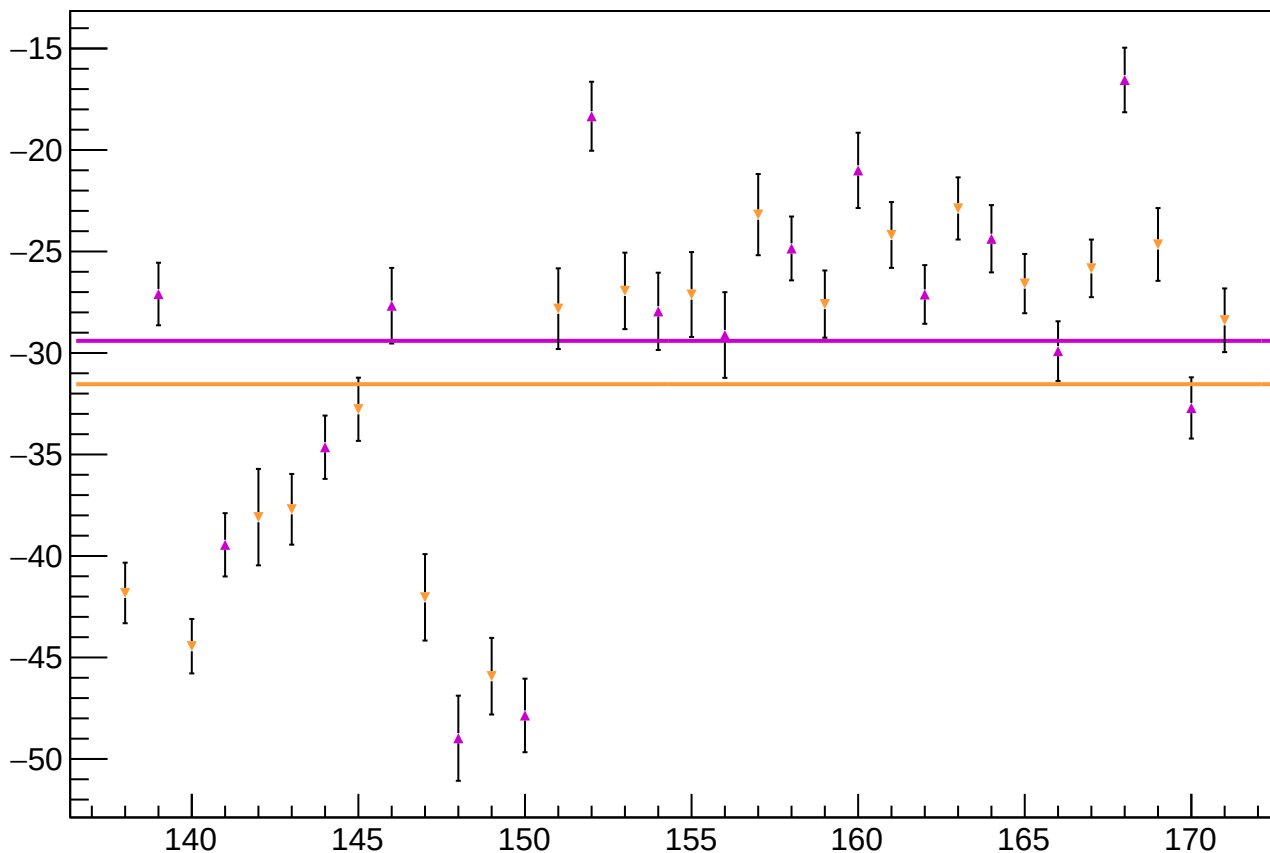
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.594 ± 0.005 χ^2/NDF : 386.4/17
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.584 ± 0.005 χ^2/NDF : 503.3/15

Left: 0.589 ± 0.004 χ^2/NDF : 891.3/33
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.564 ± 0.005 χ^2/NDF : 1804.8/32
 Out: 0.570 ± 0.005 χ^2/NDF : 2119.8/35
 All: 0.567 ± 0.004 χ^2/NDF : 3925.4/68

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.538+/-0.399 χ^2/NDF : 379.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.402+/-0.417 χ^2/NDF : 400.5/15

Left: -30.518+/-0.288 χ^2/NDF : 793.4/33

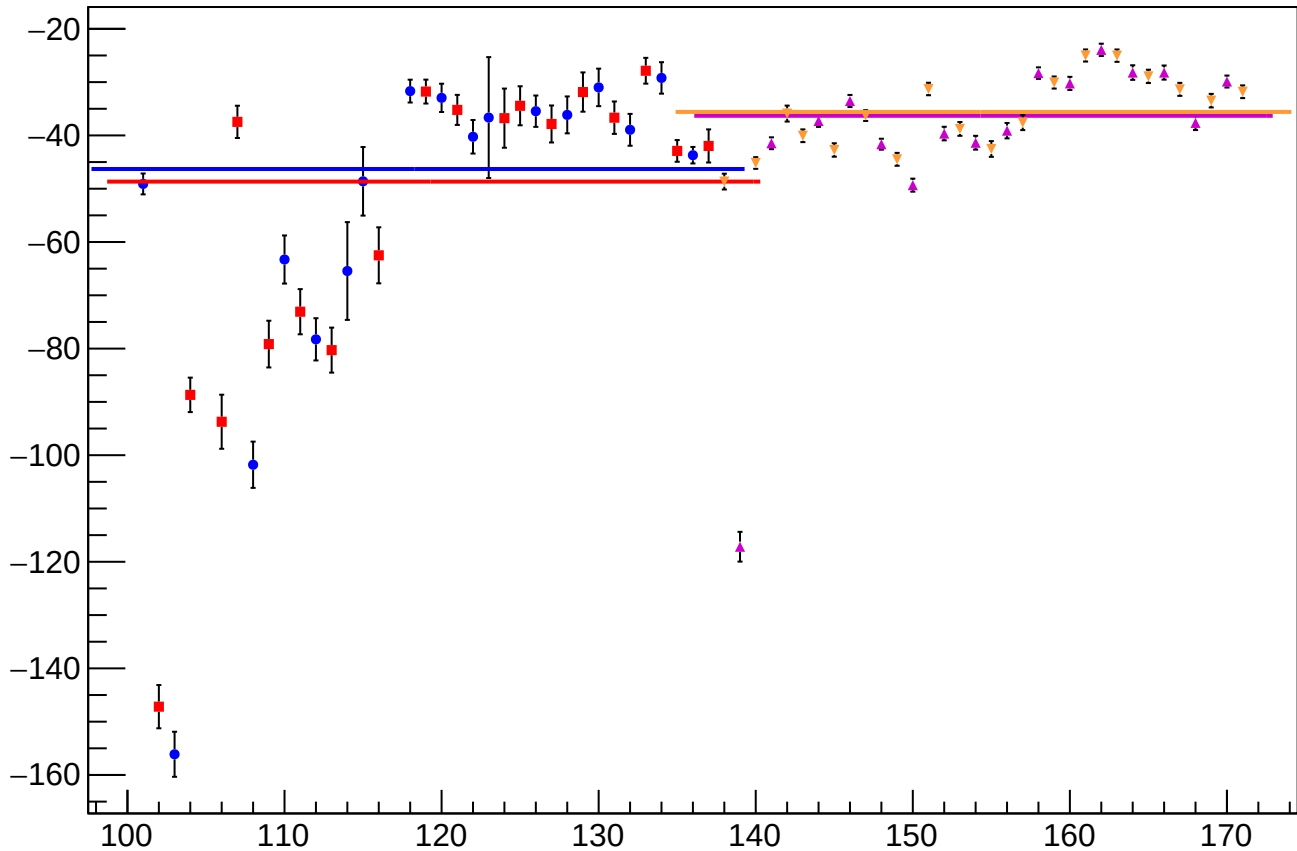
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.402+/-0.417 χ^2/NDF : 400.5/15

Out: -31.538+/-0.399 χ^2/NDF : 379.2/17

All: -30.518+/-0.288 χ^2/NDF : 793.4/33

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: -35.930+/-0.290 χ^2/NDF : 543.5/17

Right Out: -48.666+/-0.763 χ^2/NDF : 1212.3/17

Left In: -36.314+/-0.308 χ^2/NDF : 1332.3/15

Left: -35.930+/-0.211 χ^2/NDF : 1878.8/33

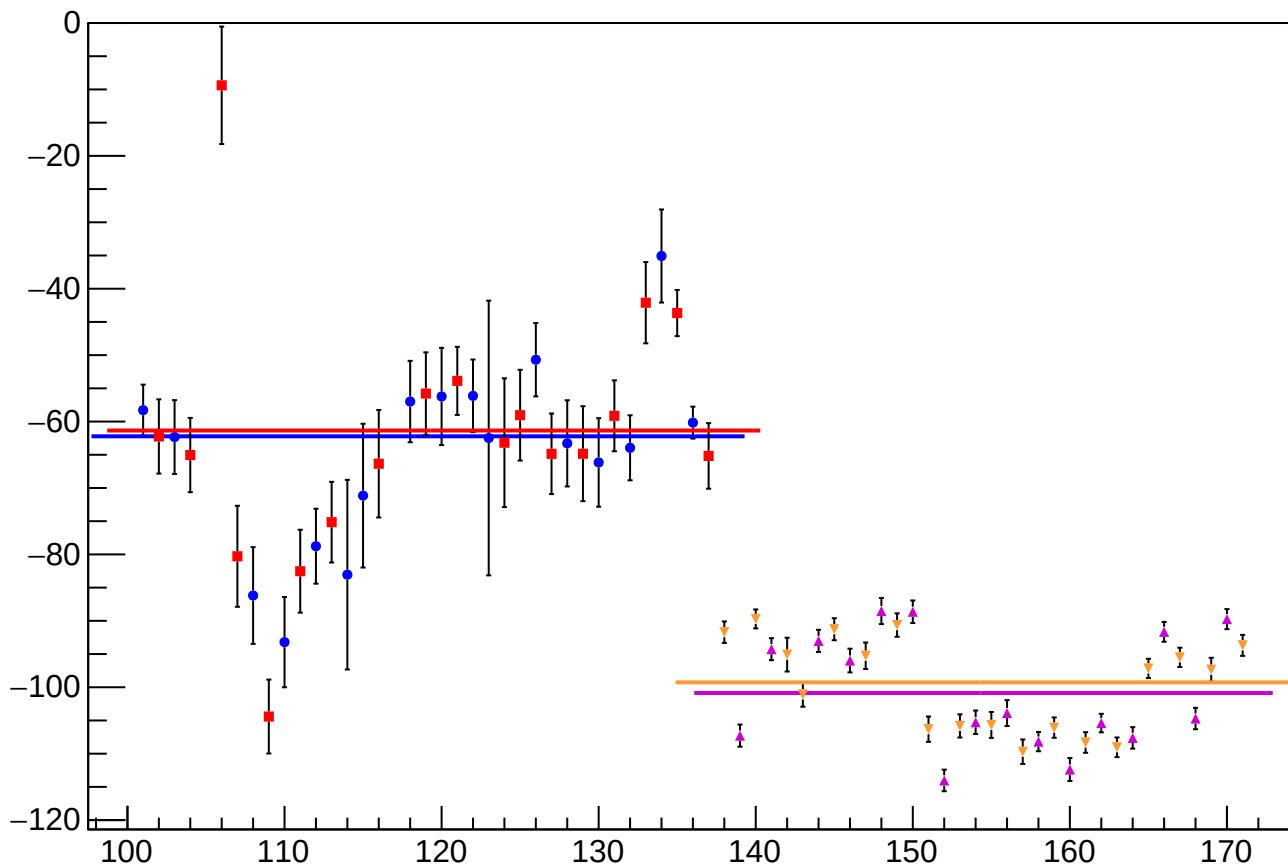
Right: -47.420+/-0.525 χ^2/NDF : 2301.3/34

In: -37.849+/-0.284 χ^2/NDF : 2577.5/32

Out: -37.239+/-0.271 χ^2/NDF : 2012.3/35

All: -37.530+/-0.196 χ^2/NDF : 4592.2/68

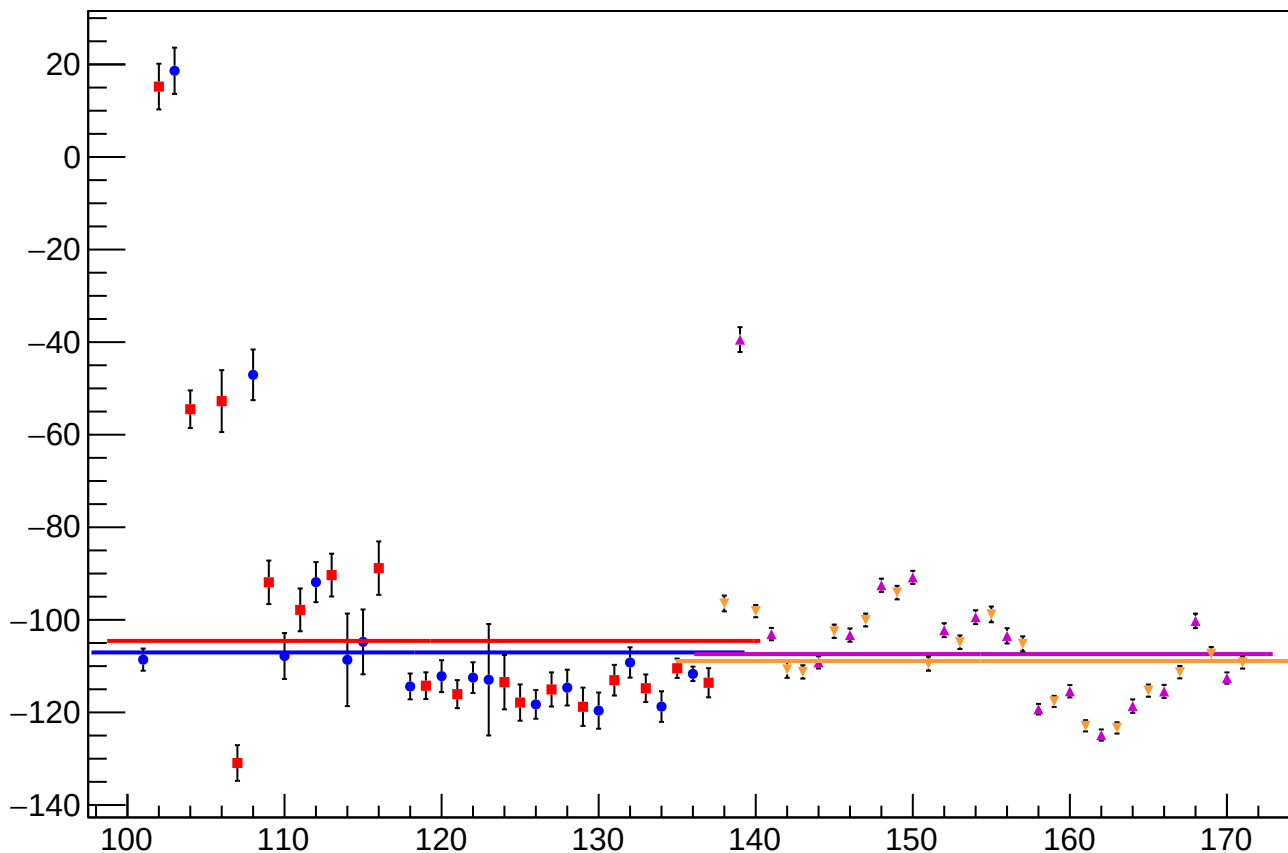
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16
 Left Out: -99.263 ± 0.396 χ^2/NDF : 312.2/17
 Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17
 Left In: -100.867 ± 0.410 χ^2/NDF : 421.9/15

Left: -100.037 ± 0.285 χ^2/NDF : 742.0/33
 Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34
 In: -97.425 ± 0.391 χ^2/NDF : 1280.0/32
 Out: -96.389 ± 0.381 χ^2/NDF : 1165.3/35
 All: -96.893 ± 0.273 χ^2/NDF : 2448.9/68

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -108.892 ± 0.333 χ^2/NDF : 686.8/17

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.391 ± 0.352 χ^2/NDF : 1435.3/15

Left: -108.184 ± 0.242 χ^2/NDF : 2131.8/33

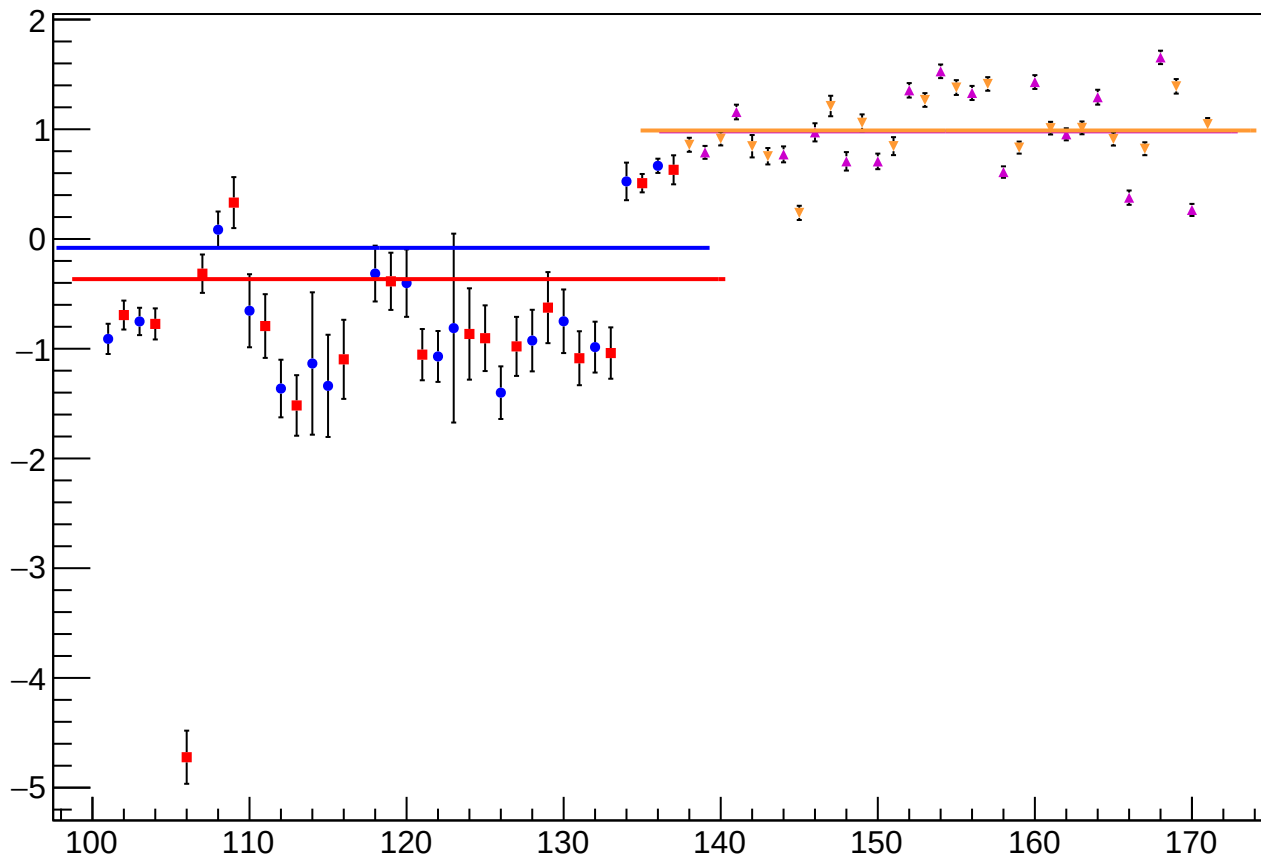
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.336 ± 0.323 χ^2/NDF : 2263.4/32

Out: -108.327 ± 0.311 χ^2/NDF : 1676.4/35

All: -107.851 ± 0.224 χ^2/NDF : 3944.6/68

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.989 ± 0.015 χ^2/NDF : 316.8/17

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.981 ± 0.016 χ^2/NDF : 689.0/15

Left: 0.985 ± 0.011 χ^2/NDF : 1006.0/33

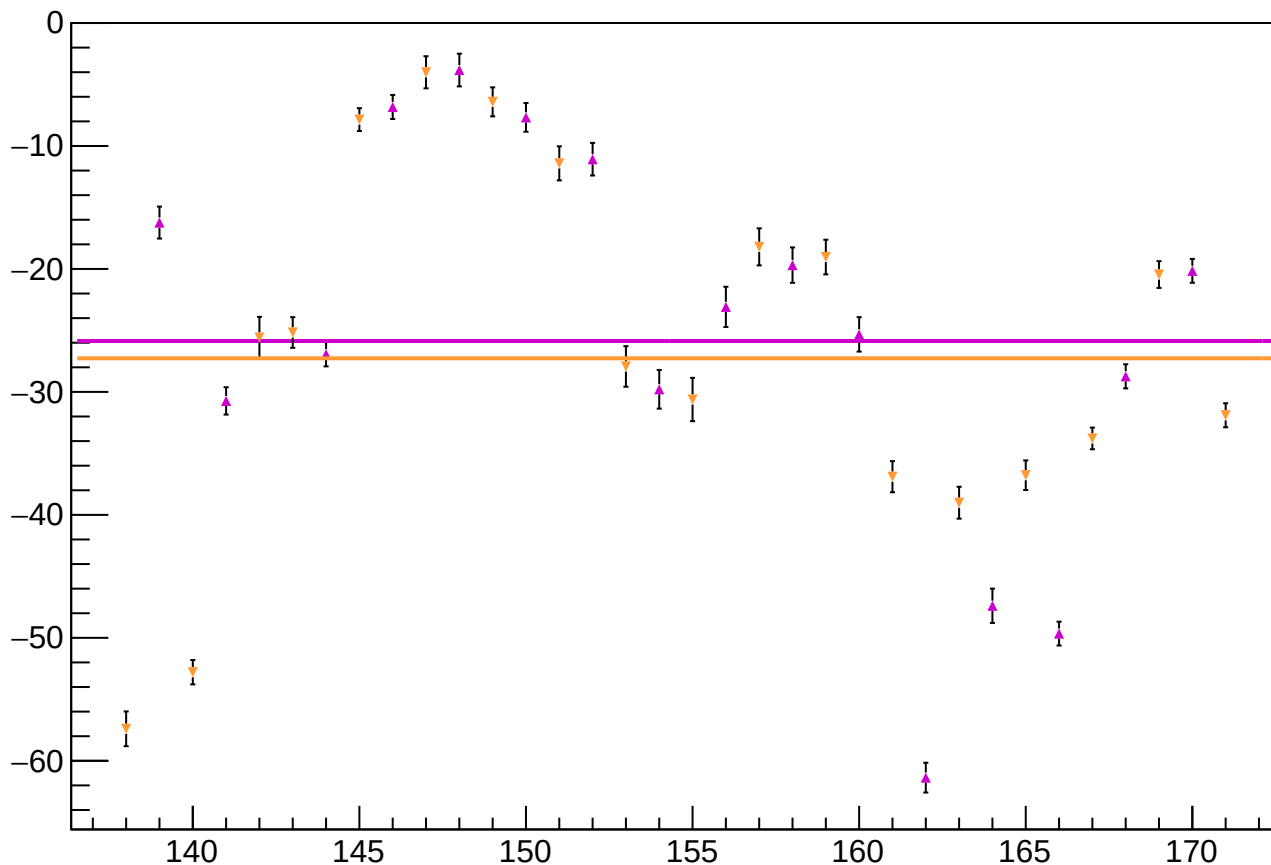
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.848 ± 0.015 χ^2/NDF : 1571.6/32

Out: 0.841 ± 0.015 χ^2/NDF : 1733.7/35

All: 0.844 ± 0.010 χ^2/NDF : 3305.4/68

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -27.268 $\pm$ 0.286 χ^2 /NDF:2712.0/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -25.860 $\pm$ 0.295 χ^2 /NDF:2864.1/15

Left: -26.587 $\pm$ 0.205 χ^2 /NDF: 5587.8/33

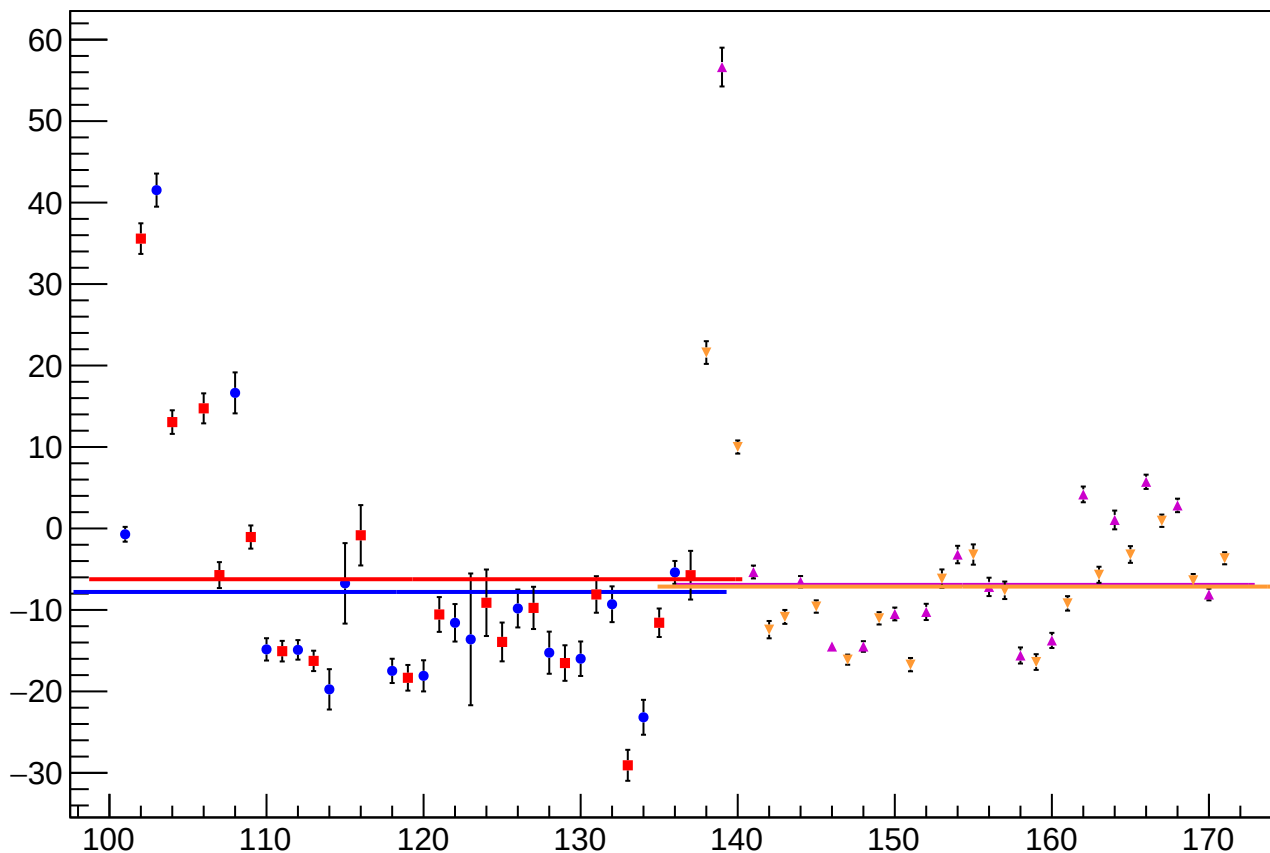
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -25.860 $\pm$ 0.295 χ^2 /NDF:2864.1/15

Out: -27.268 $\pm$ 0.286 χ^2 /NDF:2712.0/17

All: -26.587 $\pm$ 0.205 χ^2 /NDF: 5587.8/33

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794+/-0.428 χ^2/NDF : 982.7/16

Left Out: -7.136+/-0.206 χ^2/NDF :1561.2/17

Right Out: -6.231+/-0.430 χ^2/NDF : 1183.0/17

Left In: -6.926+/-0.214 χ^2/NDF :1706.8/15

Left: -7.035+/-0.148 χ^2/NDF : 3268.5/33

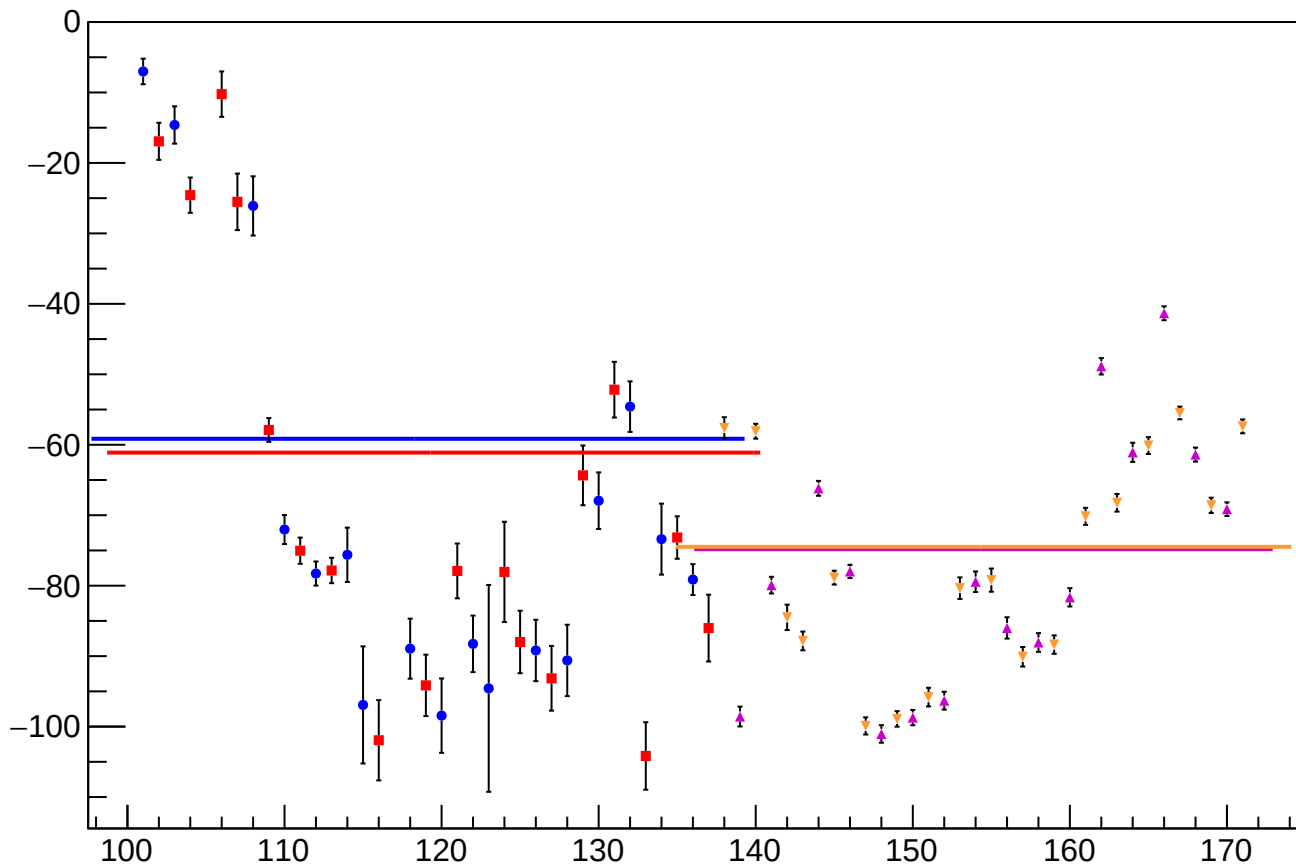
Right: -7.016+/-0.303 χ^2/NDF : 2172.3/34

In: -7.100+/-0.192 χ^2/NDF :2692.8/32

Out: -6.967+/-0.185 χ^2/NDF :2747.8/35

All: -7.032+/-0.133 χ^2/NDF : 5440.8/68

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -74.487 ± 0.285 χ^2/NDF : 2919.1/17

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -74.818 ± 0.291 χ^2/NDF : 3745.1/15

Left: -74.648 ± 0.204 χ^2/NDF : 6664.9/33

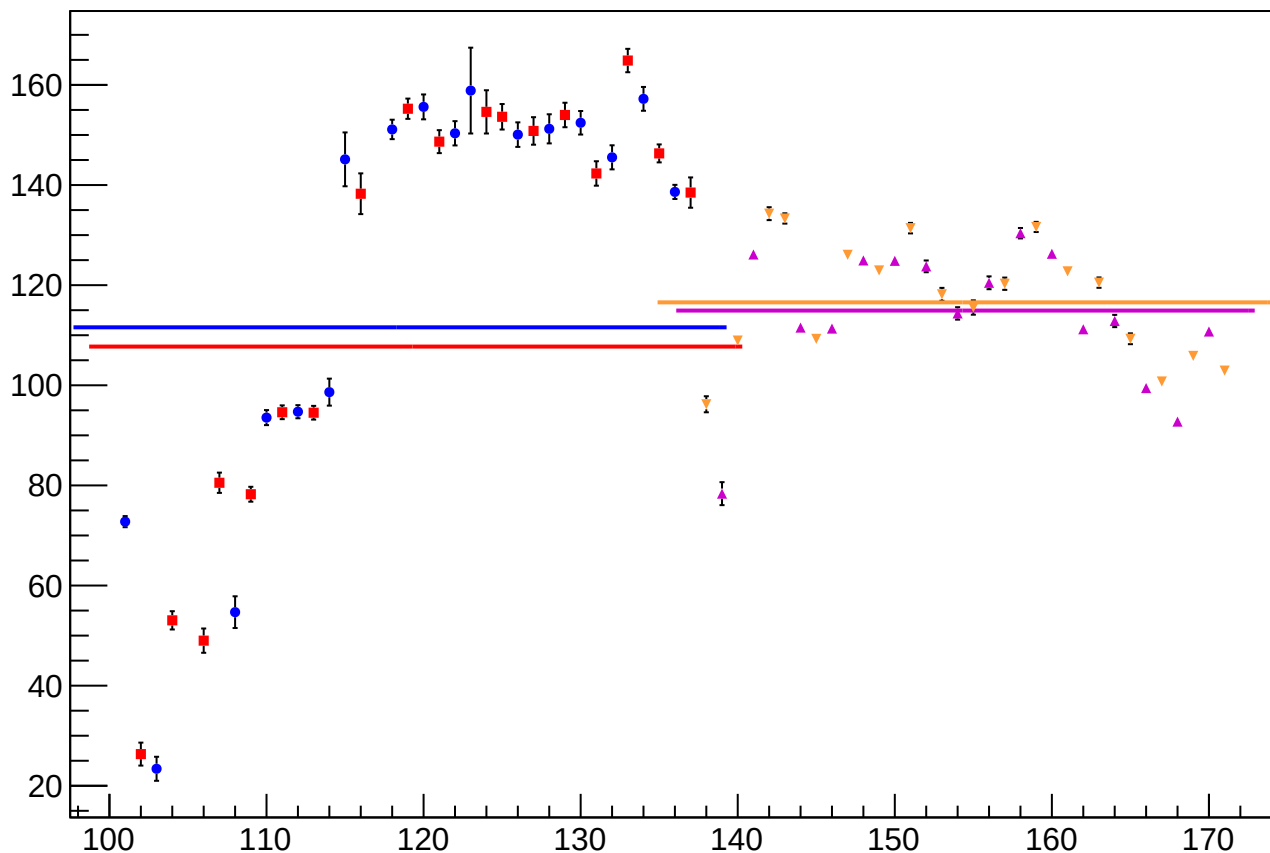
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -72.741 ± 0.271 χ^2/NDF : 5846.8/32

Out: -72.623 ± 0.264 χ^2/NDF : 4544.2/35

All: -72.680 ± 0.189 χ^2/NDF : 10391.1/68

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.565 $\pm$ 0.238 χ^2 /NDF:2238.8/17

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 114.926 $\pm$ 0.248 χ^2 /NDF:1937.1/15

Left: 115.780 $\pm$ 0.172 χ^2 /NDF: 4198.5/33

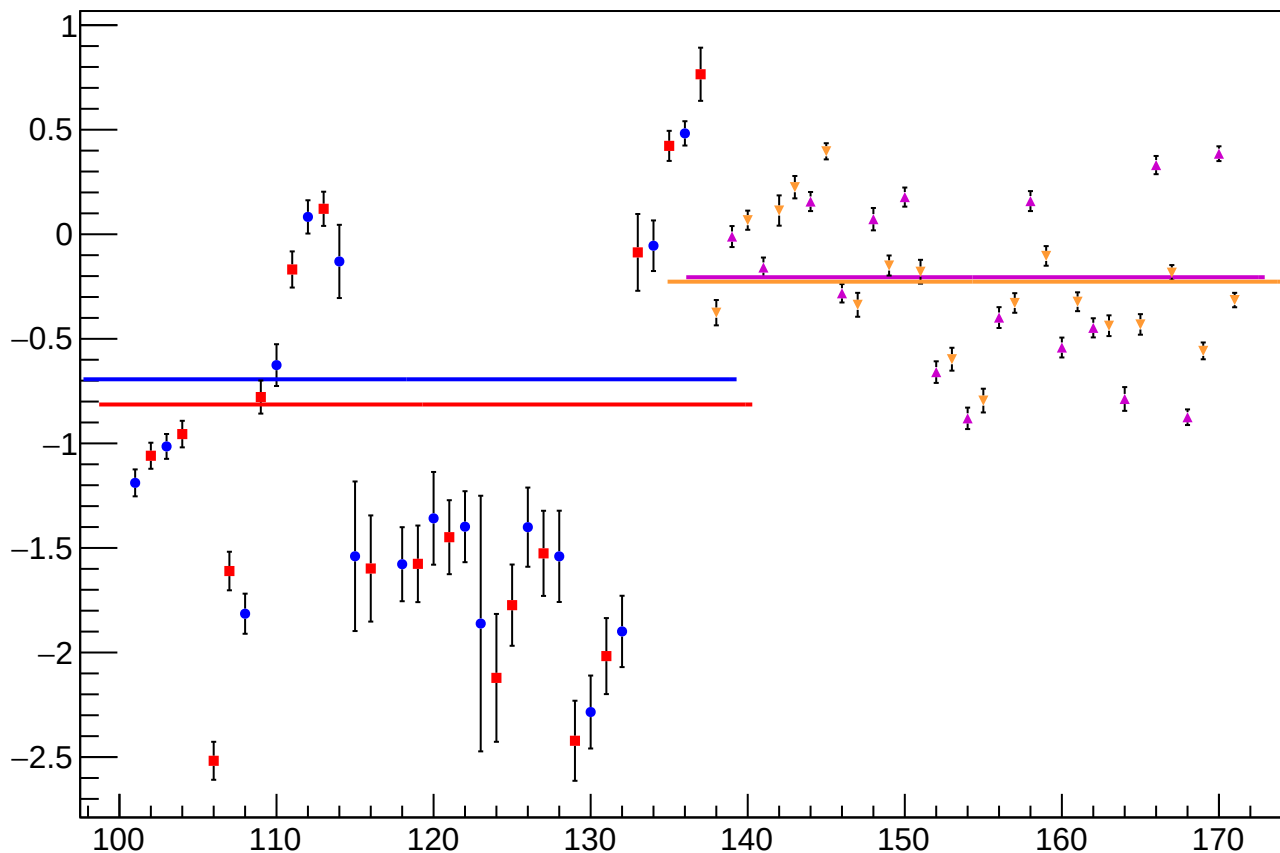
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 114.236 $\pm$ 0.221 χ^2 /NDF:7920.4/32

Out: 114.868 $\pm$ 0.214 χ^2 /NDF:9338.8/35

All: 114.562 $\pm$ 0.154 χ^2 /NDF: 17263.5/68

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.227 ± 0.011 χ^2/NDF : 681.6/17

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.205 ± 0.012 χ^2/NDF : 1436.0/15

Left: -0.216 ± 0.008 χ^2/NDF : 2119.3/33

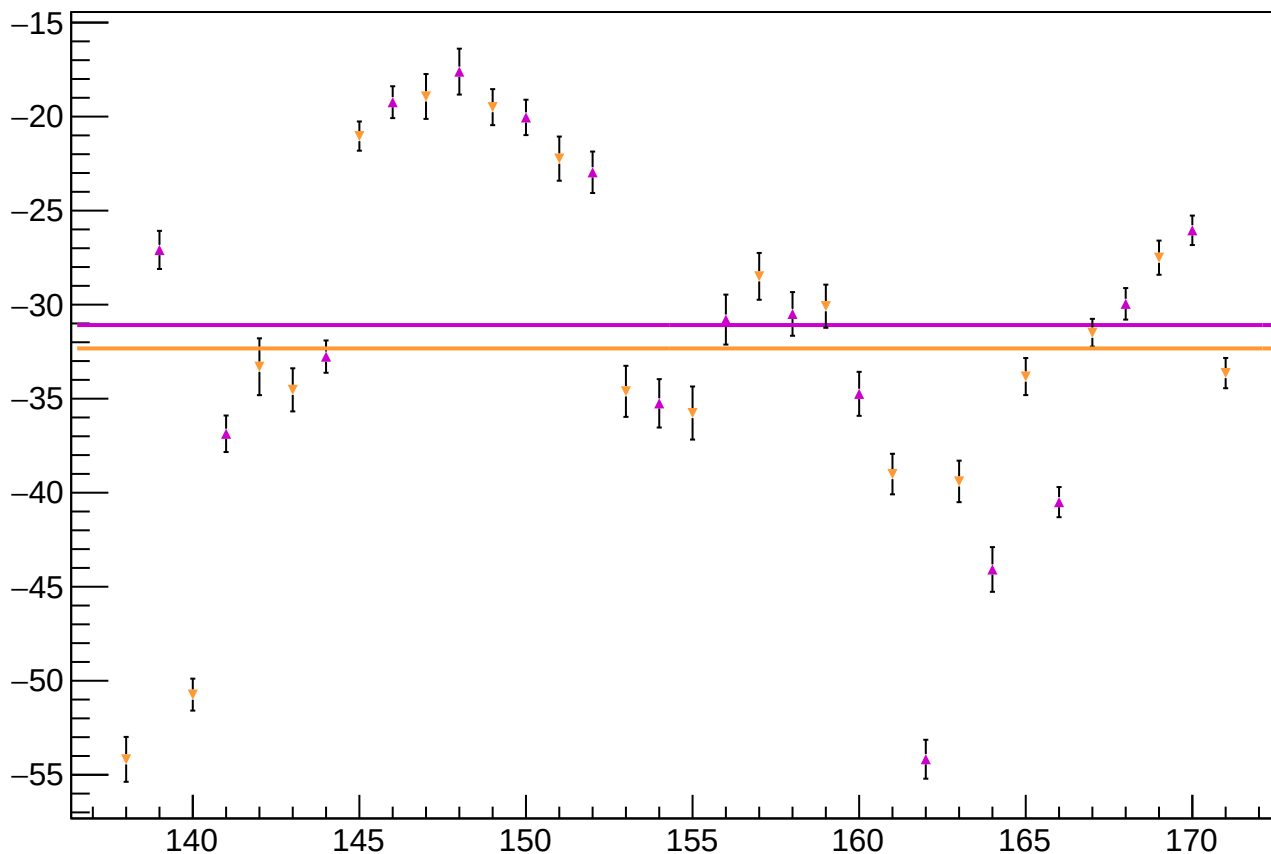
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.287 ± 0.011 χ^2/NDF : 2725.0/32

Out: -0.327 ± 0.010 χ^2/NDF : 2467.5/35

All: -0.308 ± 0.007 χ^2/NDF : 5200.2/68

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -32.329 $\pm$ 0.241 χ^2/NDF :1535.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15

Left: -31.724 $\pm$ 0.173 χ^2/NDF : 2931.7/33

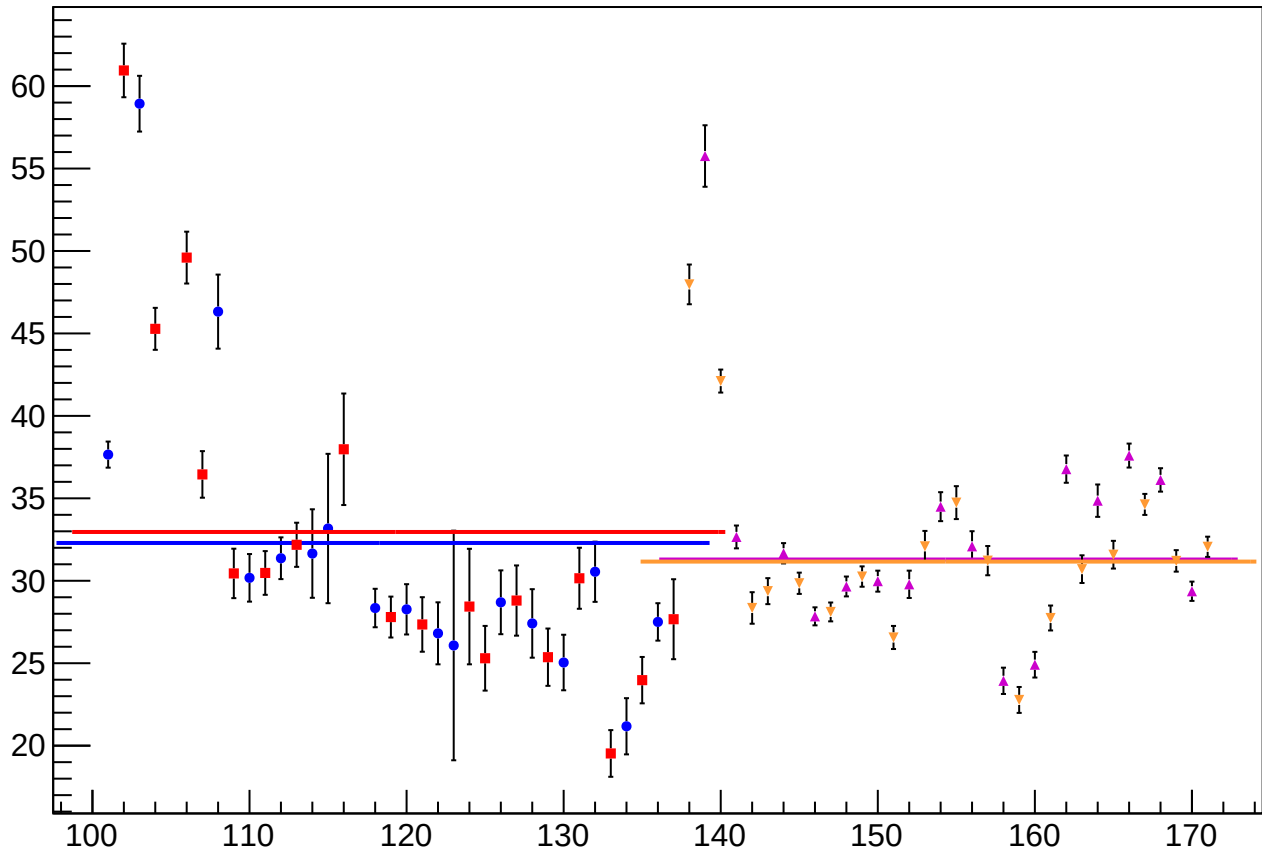
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -31.085 $\pm$ 0.248 χ^2/NDF :1383.5/15

Out: -32.329 $\pm$ 0.241 χ^2/NDF :1535.2/17

All: -31.724 $\pm$ 0.173 χ^2/NDF : 2931.7/33

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 $\pm$ 0.373 χ^2 /NDF: 452.5/16

Left Out: 31.164 $\pm$ 0.175 χ^2 /NDF: 713.5/17

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 31.289 $\pm$ 0.182 χ^2 /NDF: 586.9/15

Left: 31.224 $\pm$ 0.126 χ^2 /NDF: 1300.6/33

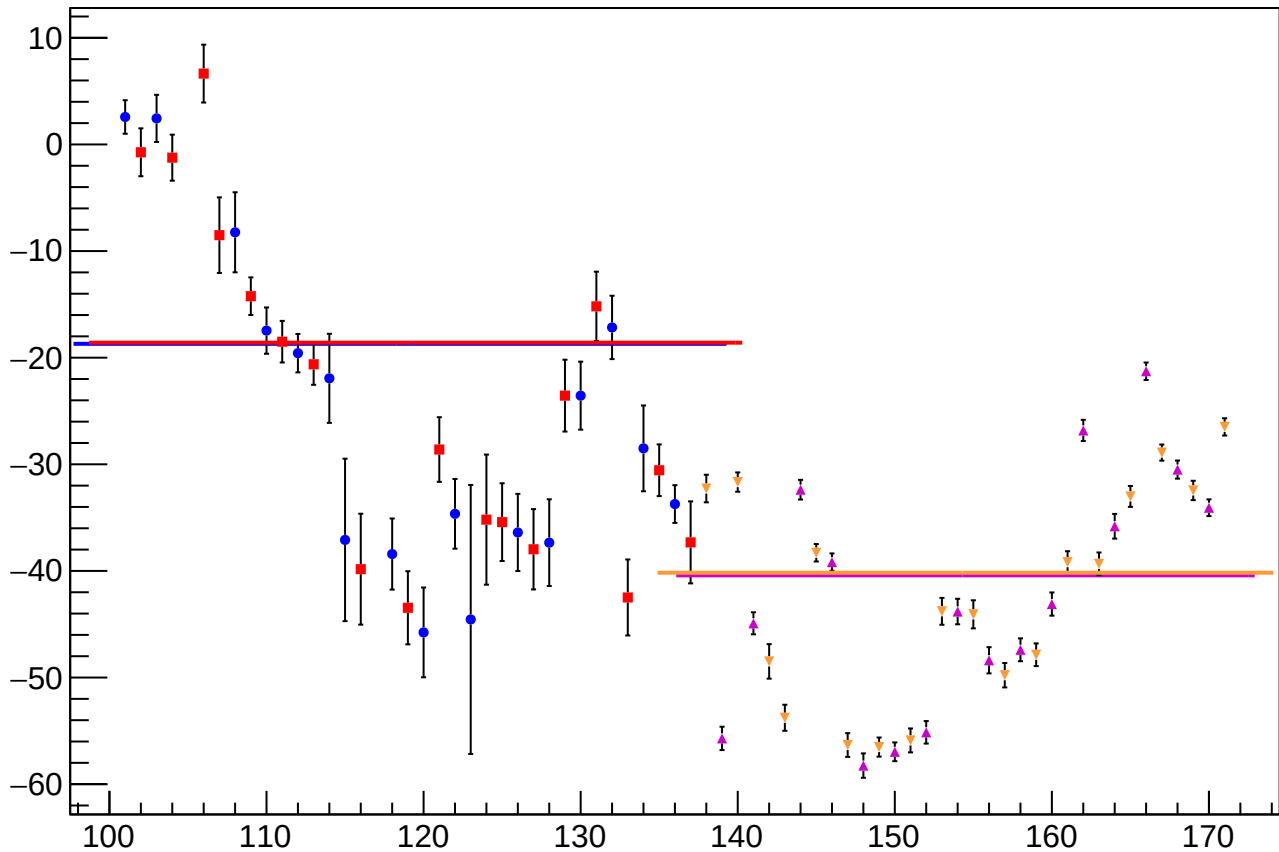
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 31.483 $\pm$ 0.164 χ^2 /NDF: 1045.2/32

Out: 31.478 $\pm$ 0.159 χ^2 /NDF: 1456.0/35

All: 31.480 $\pm$ 0.114 χ^2 /NDF: 2501.2/68

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -40.168 ± 0.240 $\chi^2/\text{NDF}: 1795.2/17$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -40.416 ± 0.244 $\chi^2/\text{NDF}: 2136.1/15$

Left: -40.290 ± 0.171 $\chi^2/\text{NDF}: 3931.8/33$

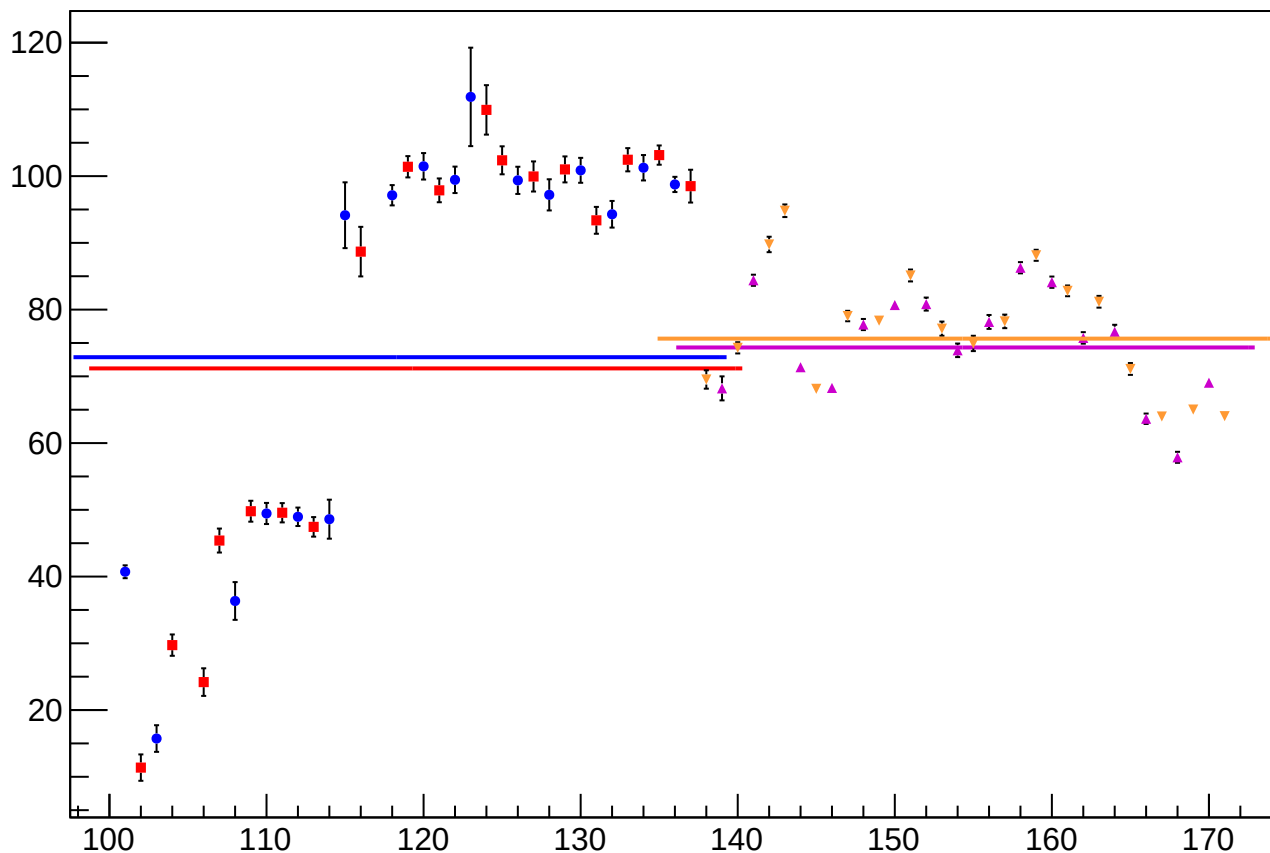
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -37.844 ± 0.229 $\chi^2/\text{NDF}: 3591.1/32$

Out: -37.569 ± 0.225 $\chi^2/\text{NDF}: 3233.2/35$

All: -37.703 ± 0.161 $\chi^2/\text{NDF}: 6825.0/68$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 75.653 $\pm$ 0.202 χ^2 /NDF:1993.6/17

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 74.328 $\pm$ 0.210 χ^2 /NDF:1403.3/15

Left: 75.017 $\pm$ 0.145 χ^2 /NDF: 3417.6/33

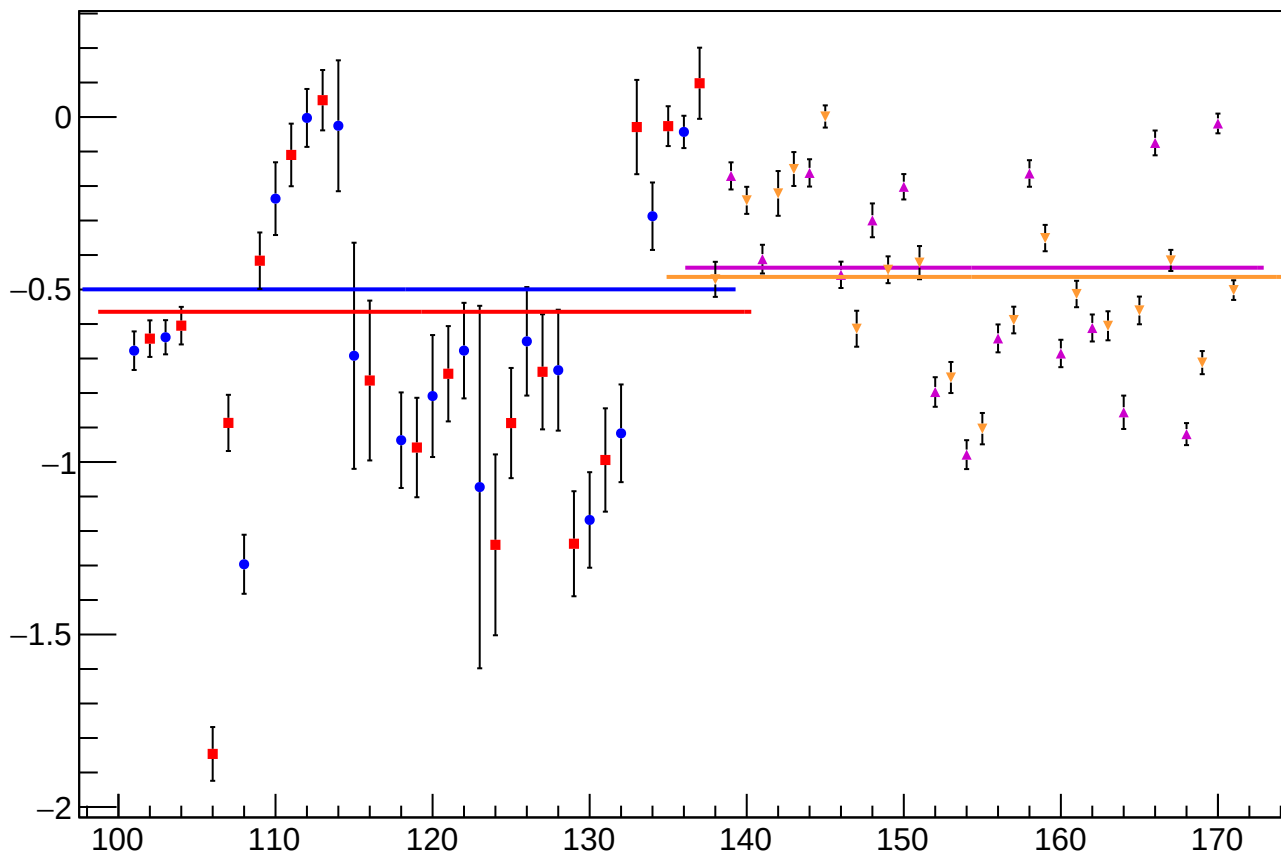
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 74.044 $\pm$ 0.188 χ^2 /NDF:6139.8/32

Out: 74.860 $\pm$ 0.183 χ^2 /NDF:7455.7/35

All: 74.464 $\pm$ 0.131 χ^2 /NDF: 13605.2/68

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.463 ± 0.009 χ^2/NDF : 537.4/17

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.437 ± 0.010 χ^2/NDF : 1133.9/15

Left: -0.451 ± 0.007 χ^2/NDF : 1675.2/33

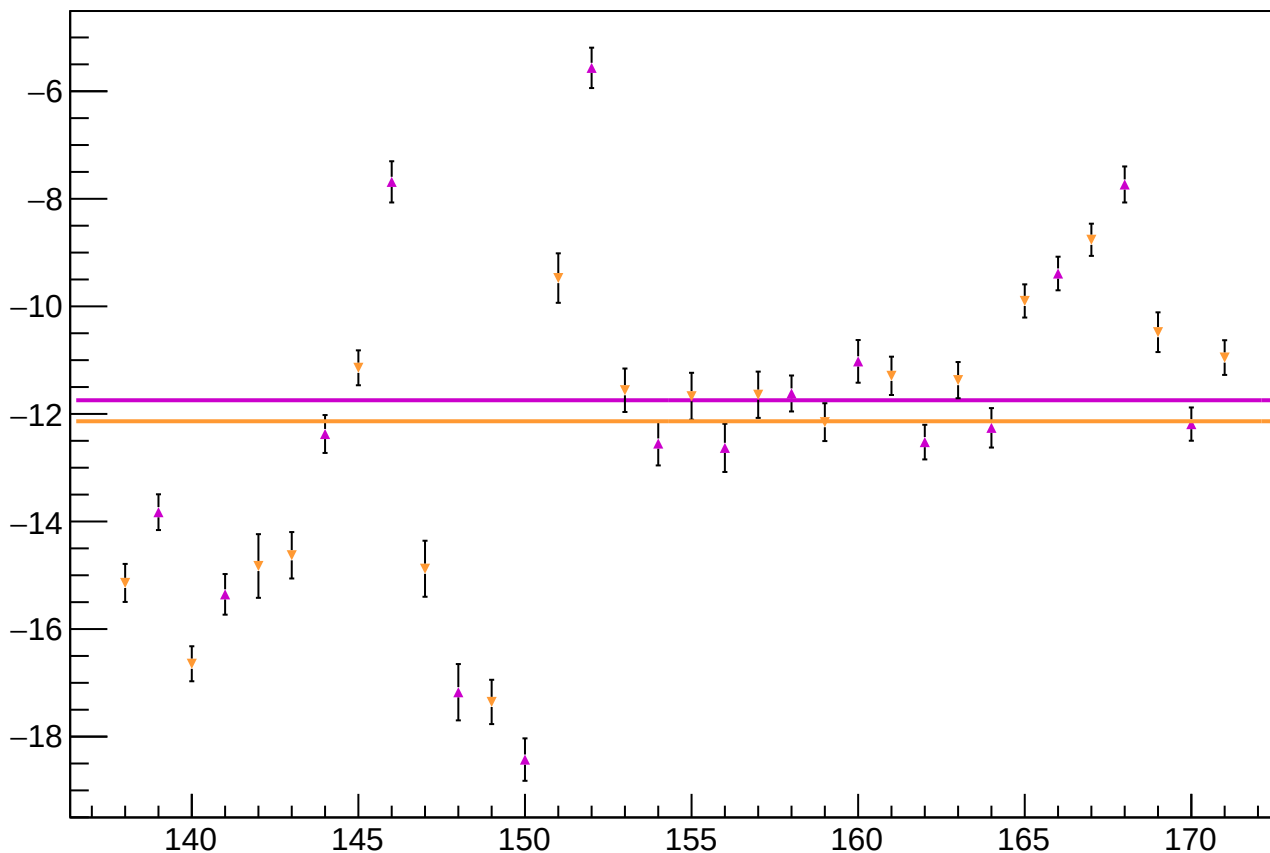
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.447 ± 0.009 χ^2/NDF : 1443.2/32

Out: -0.479 ± 0.009 χ^2/NDF : 1115.3/35

All: -0.464 ± 0.006 χ^2/NDF : 2565.6/68

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.136+/-0.088 χ^2/NDF : 777.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Left: -11.948+/-0.063 χ^2/NDF : 1919.8/33

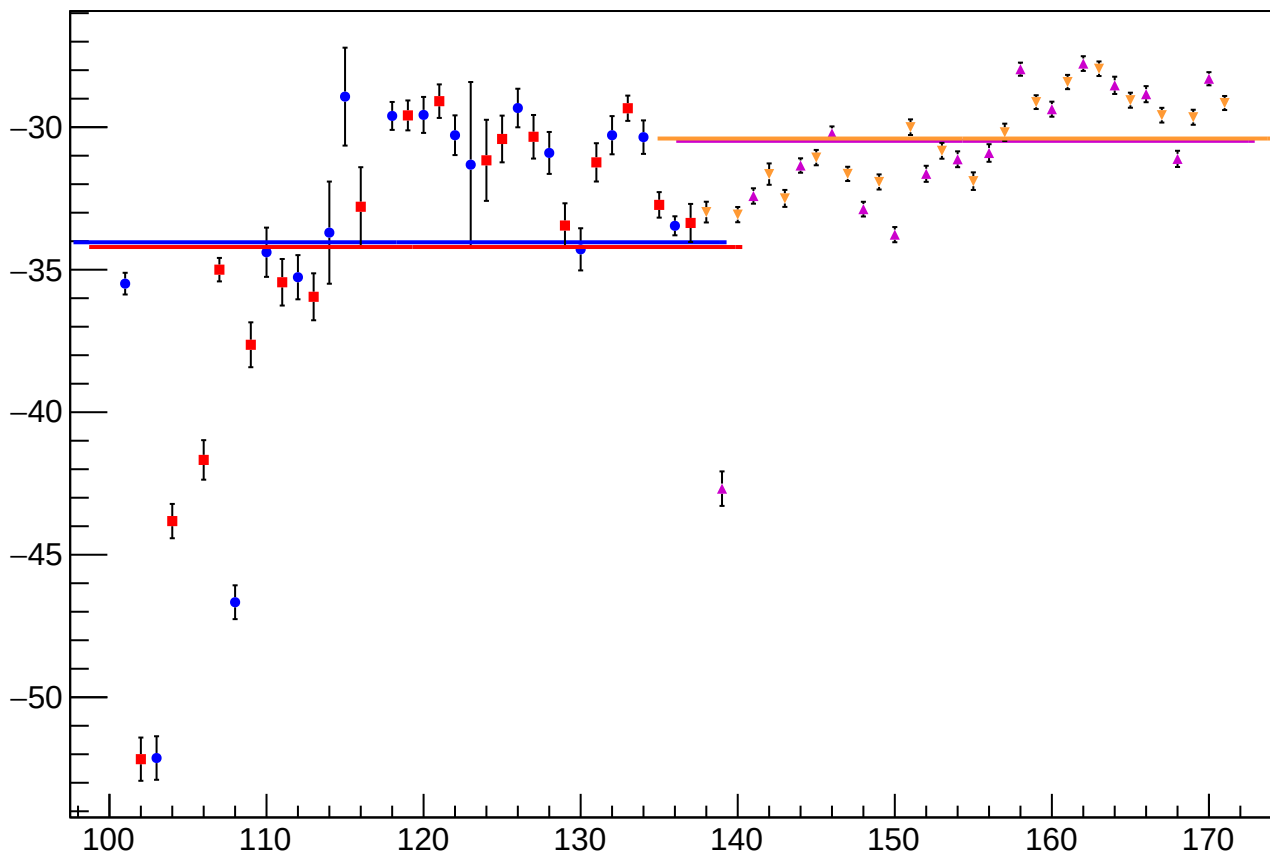
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.746+/-0.091 χ^2/NDF : 1132.4/15

Out: -12.136+/-0.088 χ^2/NDF : 777.8/17

All: -11.948+/-0.063 χ^2/NDF : 1919.8/33

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.398 ± 0.065 χ^2/NDF : 554.9/17

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.479 ± 0.068 χ^2/NDF : 1148.0/15

Left: -30.436 ± 0.047 χ^2/NDF : 1703.6/33

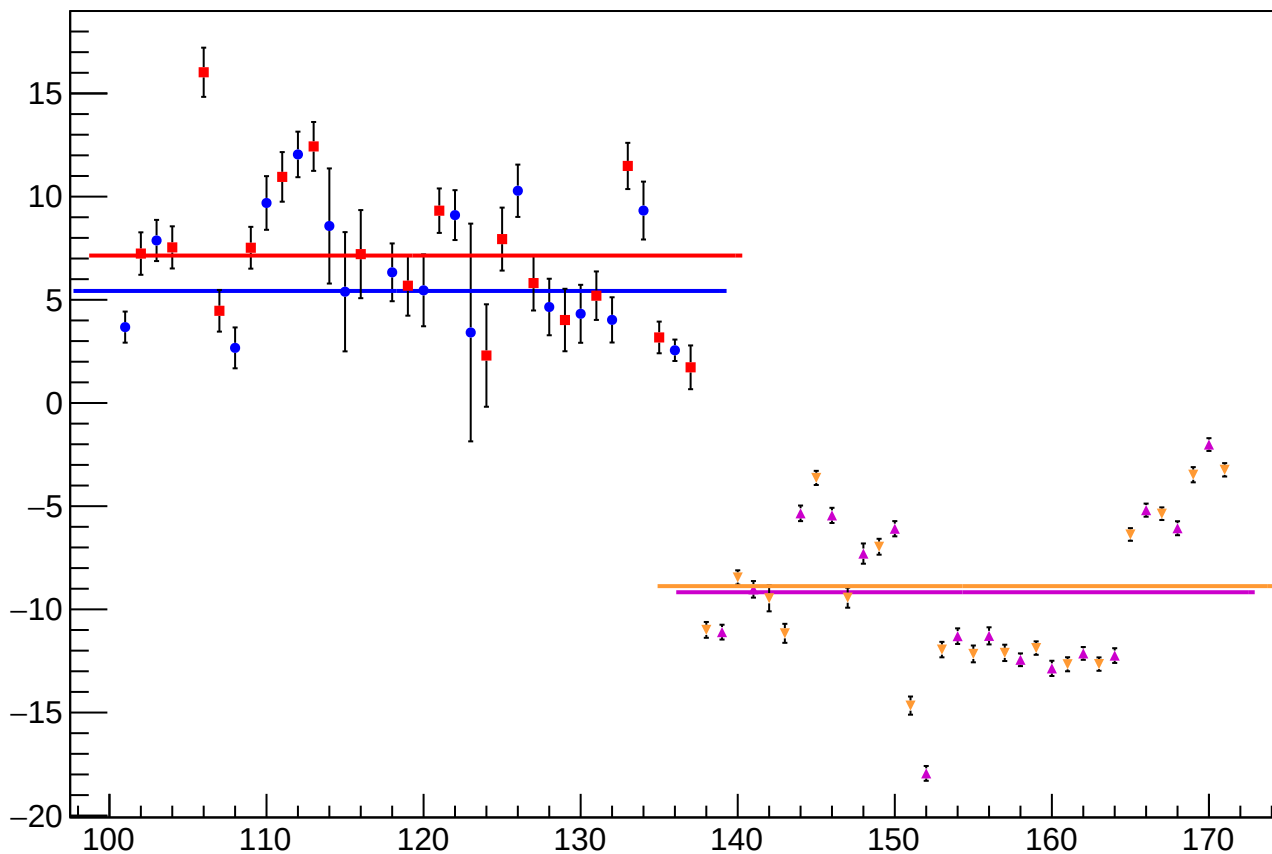
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -31.080 ± 0.062 χ^2/NDF : 2953.4/32

Out: -30.988 ± 0.059 χ^2/NDF : 2414.0/35

All: -31.032 ± 0.043 χ^2/NDF : 5368.6/68

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.874 ± 0.087 $\chi^2/\text{NDF}: 1746.2/17$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -9.170 ± 0.089 $\chi^2/\text{NDF}: 2124.6/15$

Left: -9.018 ± 0.062 $\chi^2/\text{NDF}: 3876.5/33$

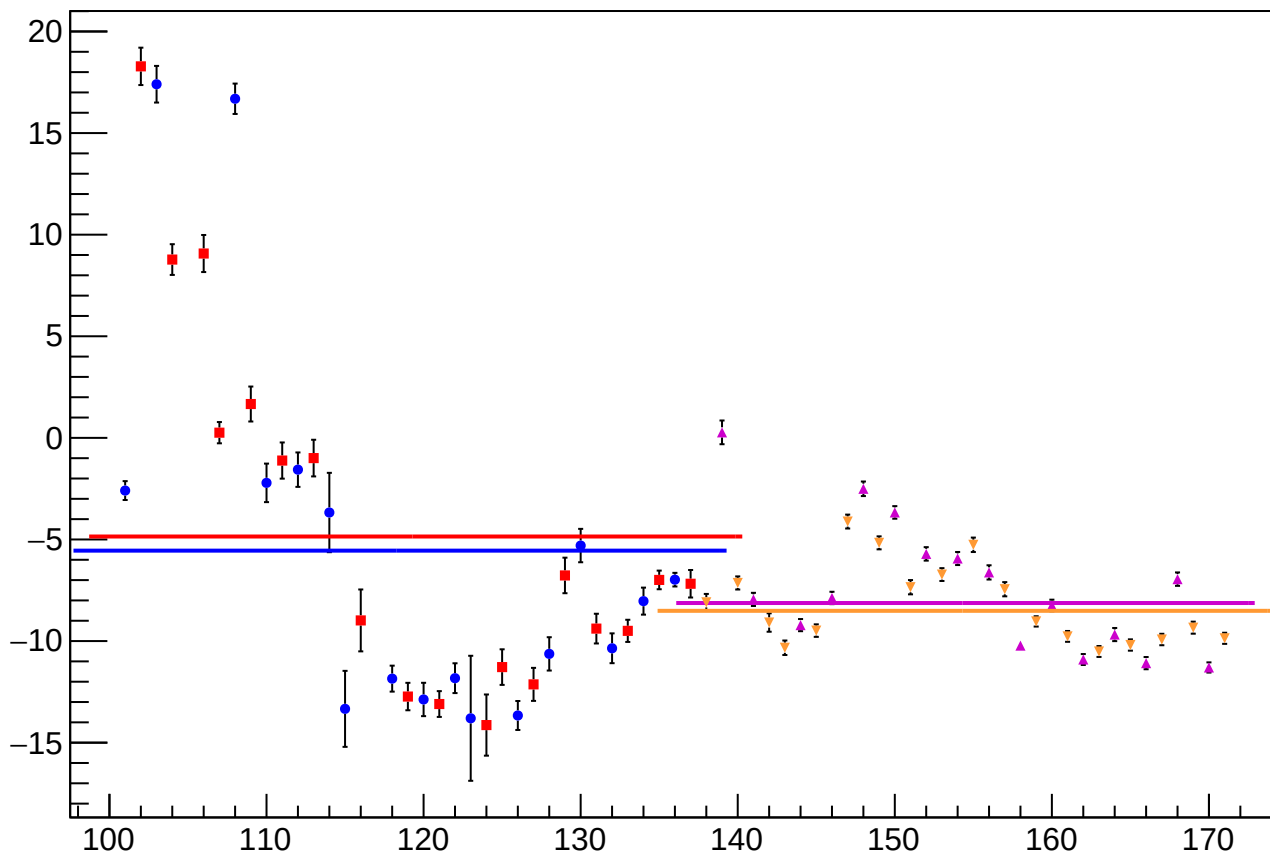
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -7.730 ± 0.085 $\chi^2/\text{NDF}: 4894.6/32$

Out: -7.416 ± 0.083 $\chi^2/\text{NDF}: 5009.8/35$

All: -7.570 ± 0.059 $\chi^2/\text{NDF}: 9911.4/68$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.512 ± 0.074 χ^2/NDF : 642.4/17

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.127 ± 0.077 χ^2/NDF : 1267.2/15

Left: -8.329 ± 0.053 χ^2/NDF : 1922.6/33

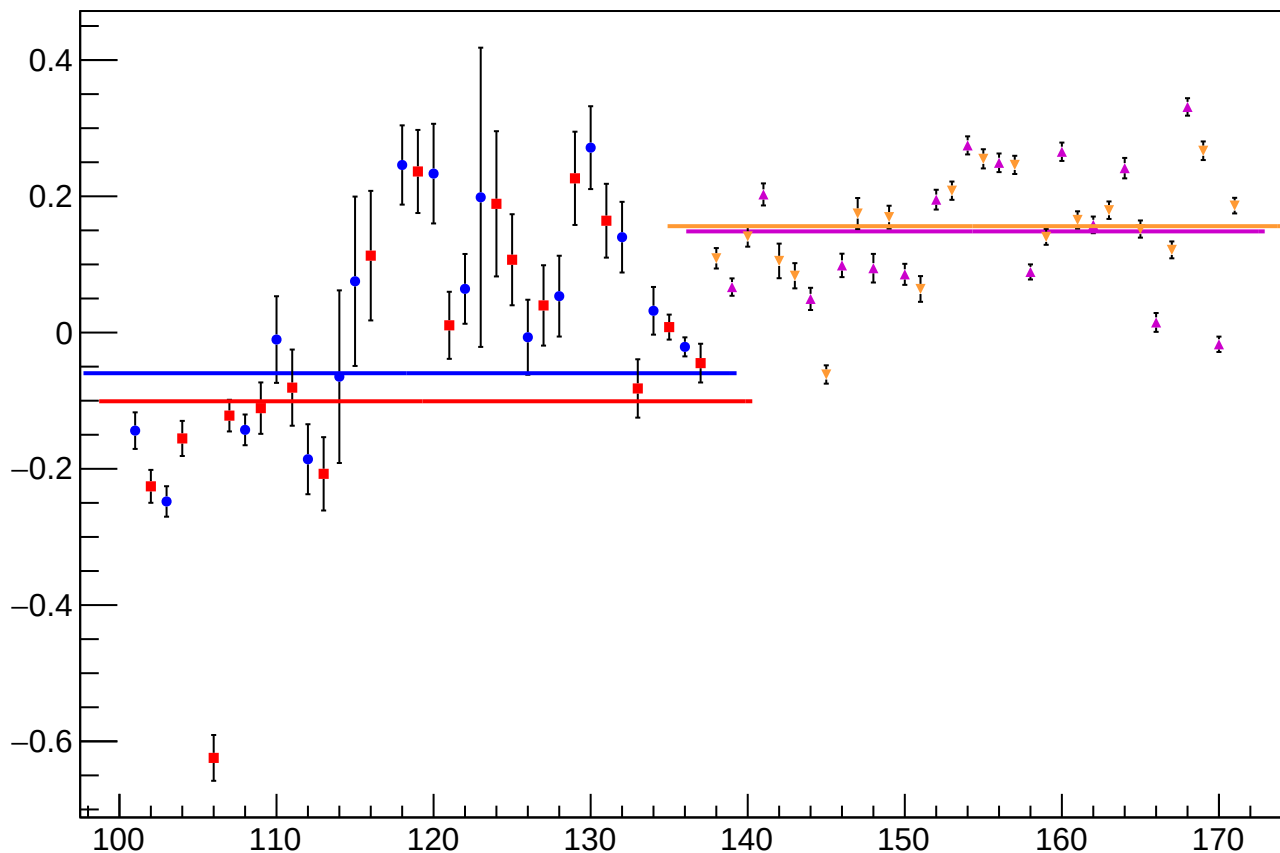
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.688 ± 0.070 χ^2/NDF : 3584.2/32

Out: -7.951 ± 0.068 χ^2/NDF : 3034.7/35

All: -7.824 ± 0.049 χ^2/NDF : 6626.2/68

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.156 ± 0.003 χ^2/NDF : 513.6/17

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.149 ± 0.003 χ^2/NDF : 931.3/15

Left: 0.152 ± 0.002 χ^2/NDF : 1447.4/33

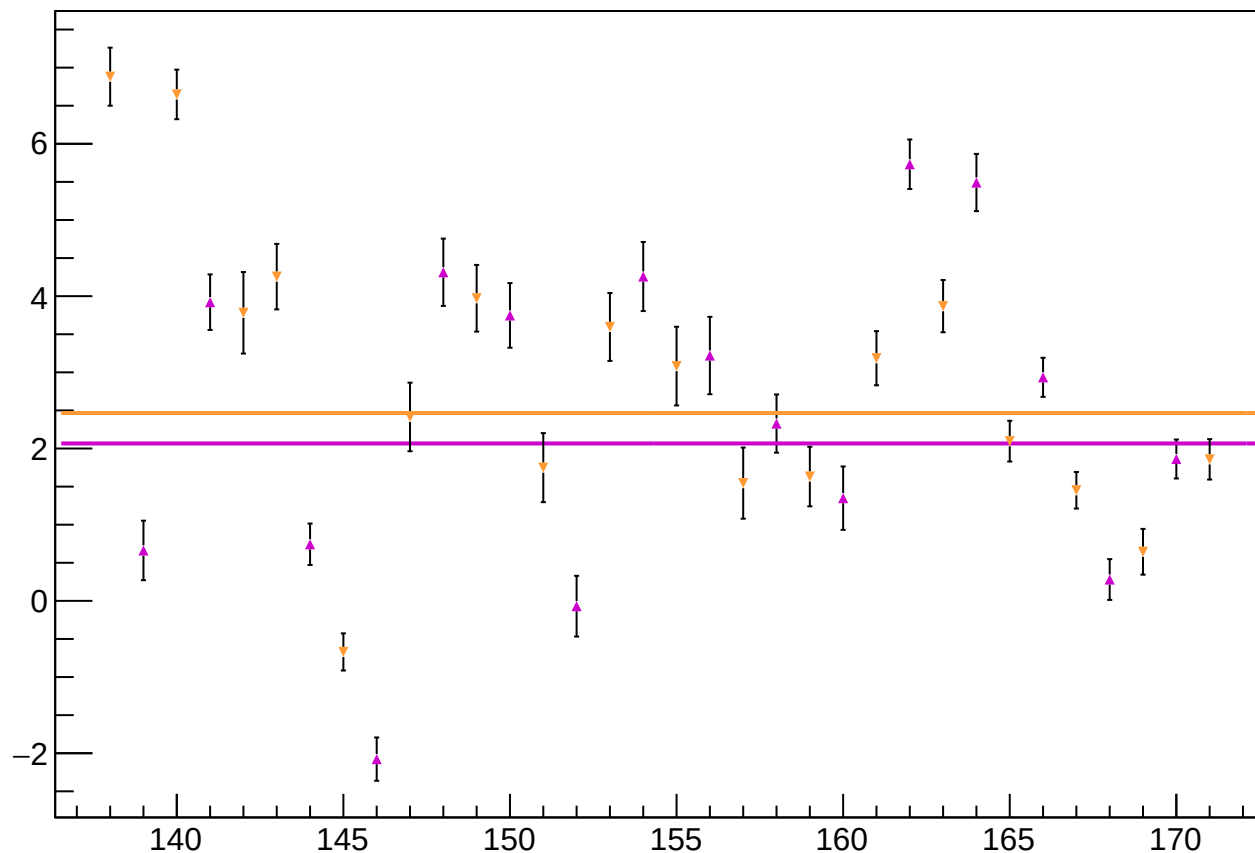
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.118 ± 0.003 χ^2/NDF : 1673.3/32

Out: 0.121 ± 0.003 χ^2/NDF : 1742.3/35

All: 0.120 ± 0.002 χ^2/NDF : 3416.1/68

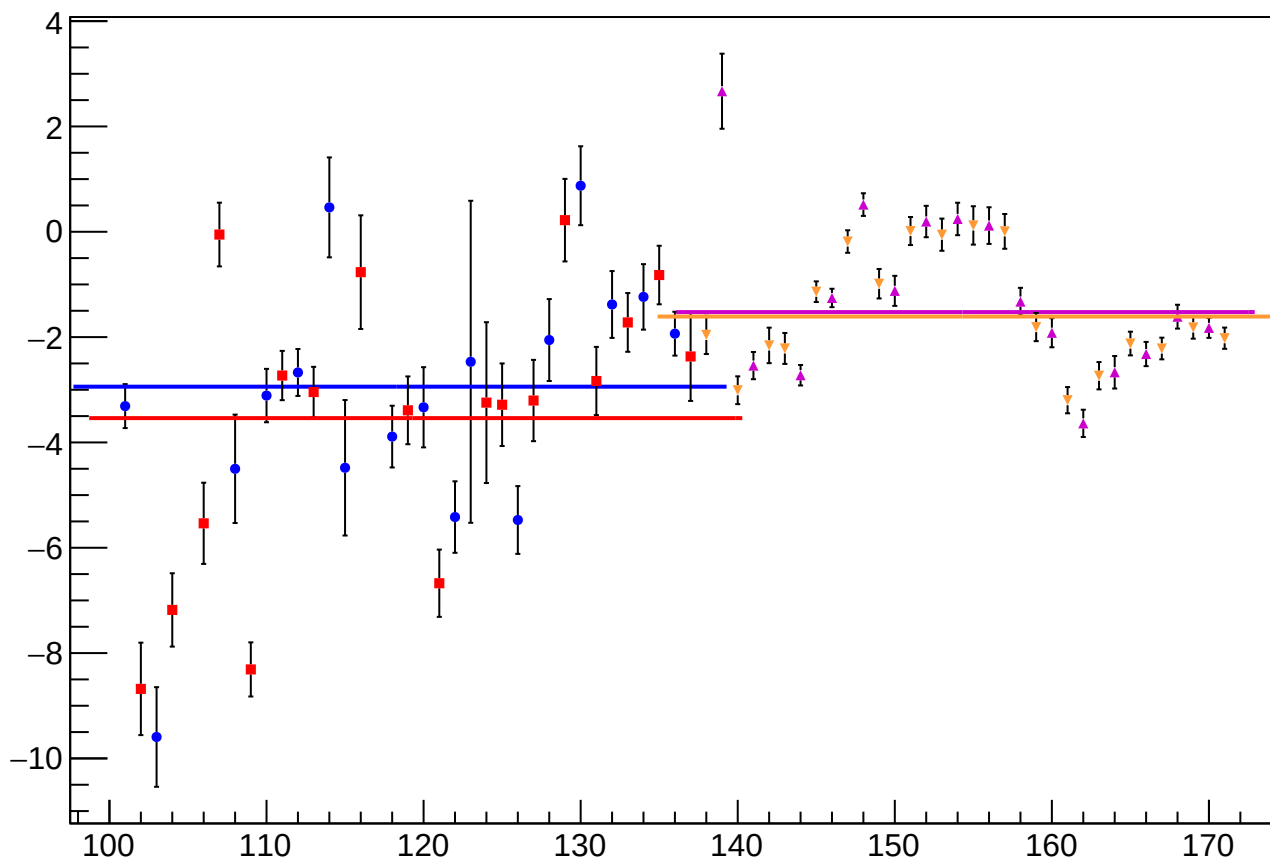
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.066 $\pm$ 0.085 χ^2/NDF :643.7/15

Left: 2.274 $\pm$ 0.059 χ^2/NDF : 1256.8/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.066 $\pm$ 0.085 χ^2/NDF :643.7/15
 Out: 2.466 $\pm$ 0.082 χ^2/NDF :601.6/17
 All: 2.274 $\pm$ 0.059 χ^2/NDF : 1256.8/33

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.610 ± 0.060 χ^2/NDF : 279.6/17

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.525 ± 0.062 χ^2/NDF : 368.1/15

Left: -1.569 ± 0.043 χ^2/NDF : 648.7/33

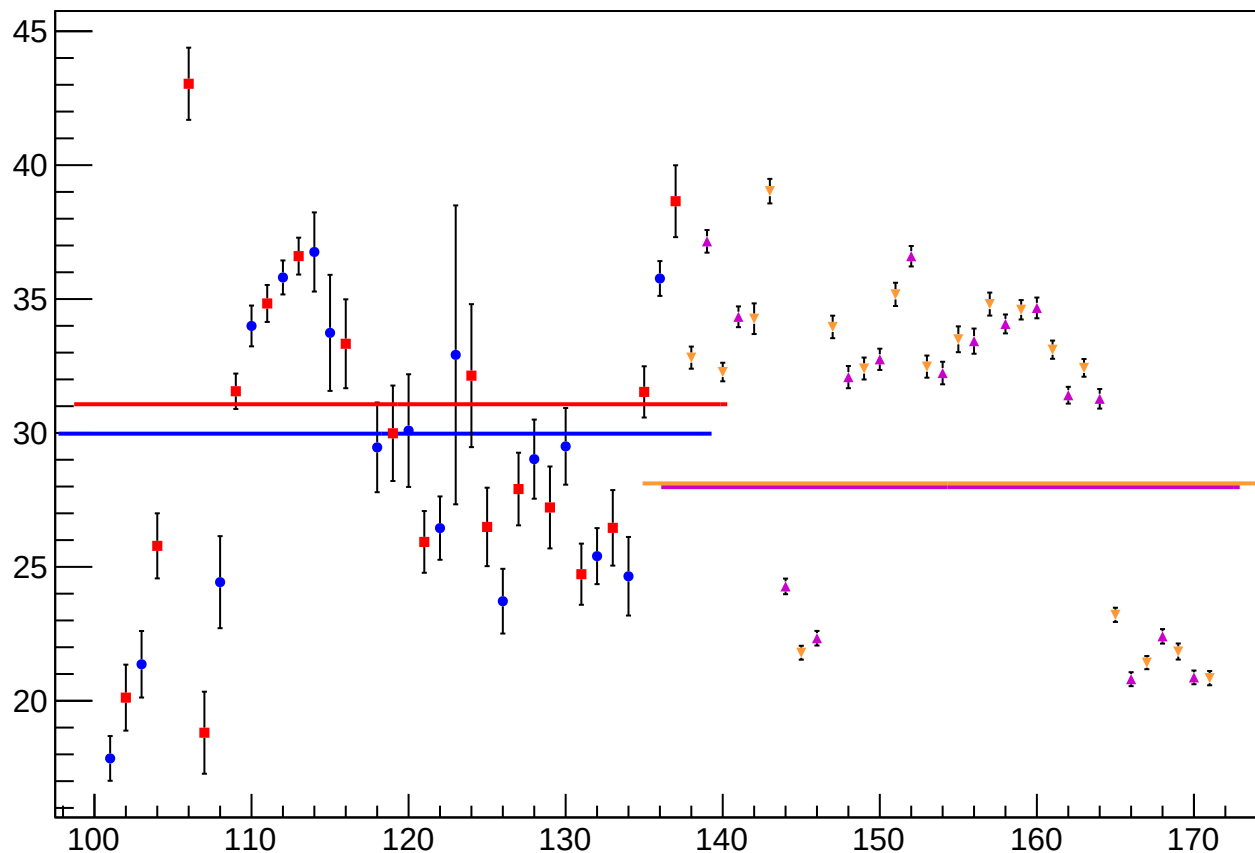
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.723 ± 0.058 χ^2/NDF : 586.3/32

Out: -1.861 ± 0.056 χ^2/NDF : 698.5/35

All: -1.794 ± 0.040 χ^2/NDF : 1287.8/68

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: 28.117 $\pm$ 0.081 χ^2 /NDF: 5560.9/17

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 27.979 $\pm$ 0.084 χ^2 /NDF: 5069.3/15

Left: 28.050 $\pm$ 0.058 χ^2 /NDF: 10631.6/33

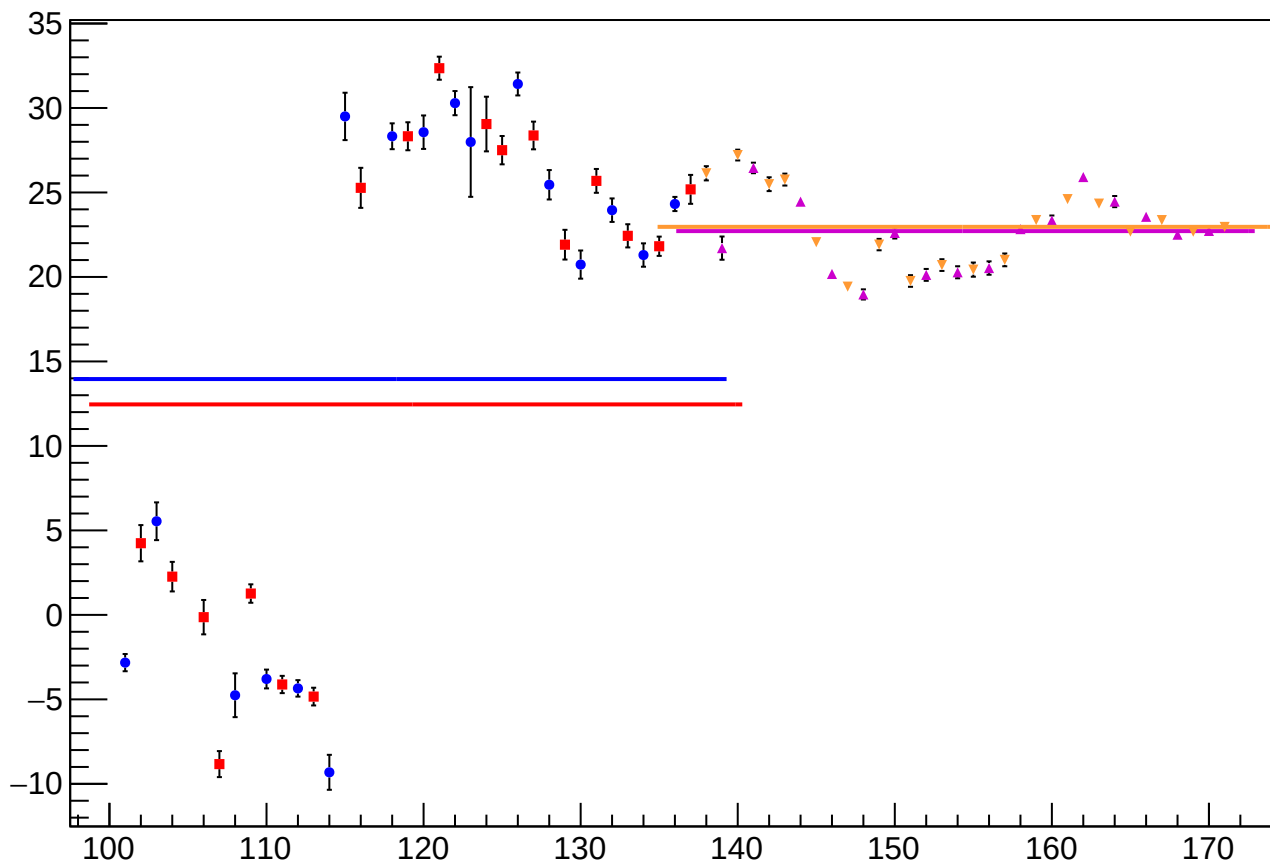
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 28.157 $\pm$ 0.080 χ^2 /NDF: 5674.0/32

Out: 28.380 $\pm$ 0.078 χ^2 /NDF: 6131.6/35

All: 28.272 $\pm$ 0.056 χ^2 /NDF: 11809.6/68

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.966 $\pm$ 0.068 χ^2 /NDF: 767.5/17

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.713 $\pm$ 0.071 χ^2 /NDF: 807.7/15

Left: 22.845 $\pm$ 0.049 χ^2 /NDF: 1581.7/33

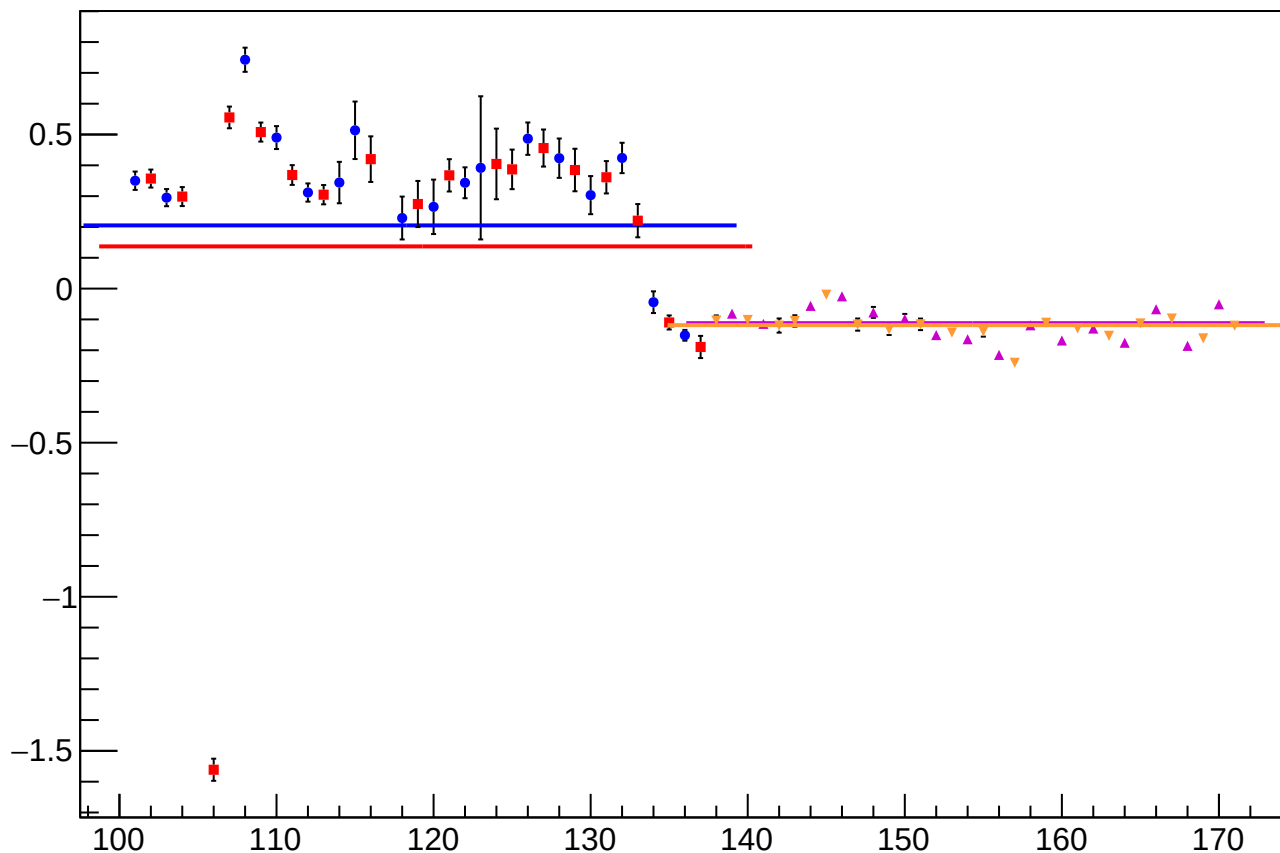
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.428 $\pm$ 0.066 χ^2 /NDF: 10360.0/32

Out: 21.553 $\pm$ 0.064 χ^2 /NDF: 10914.2/35

All: 21.493 $\pm$ 0.046 χ^2 /NDF: 21276.0/68

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.009 χ^2 /NDF: 846.7/16

Left Out: -0.119 $\pm$ 0.003 χ^2 /NDF:200.7/17

Right Out: 0.137 $\pm$ 0.009 χ^2 /NDF: 3007.9/17

Left In: -0.112 $\pm$ 0.003 χ^2 /NDF:284.6/15

Left: -0.116 $\pm$ 0.002 χ^2 /NDF: 487.3/33

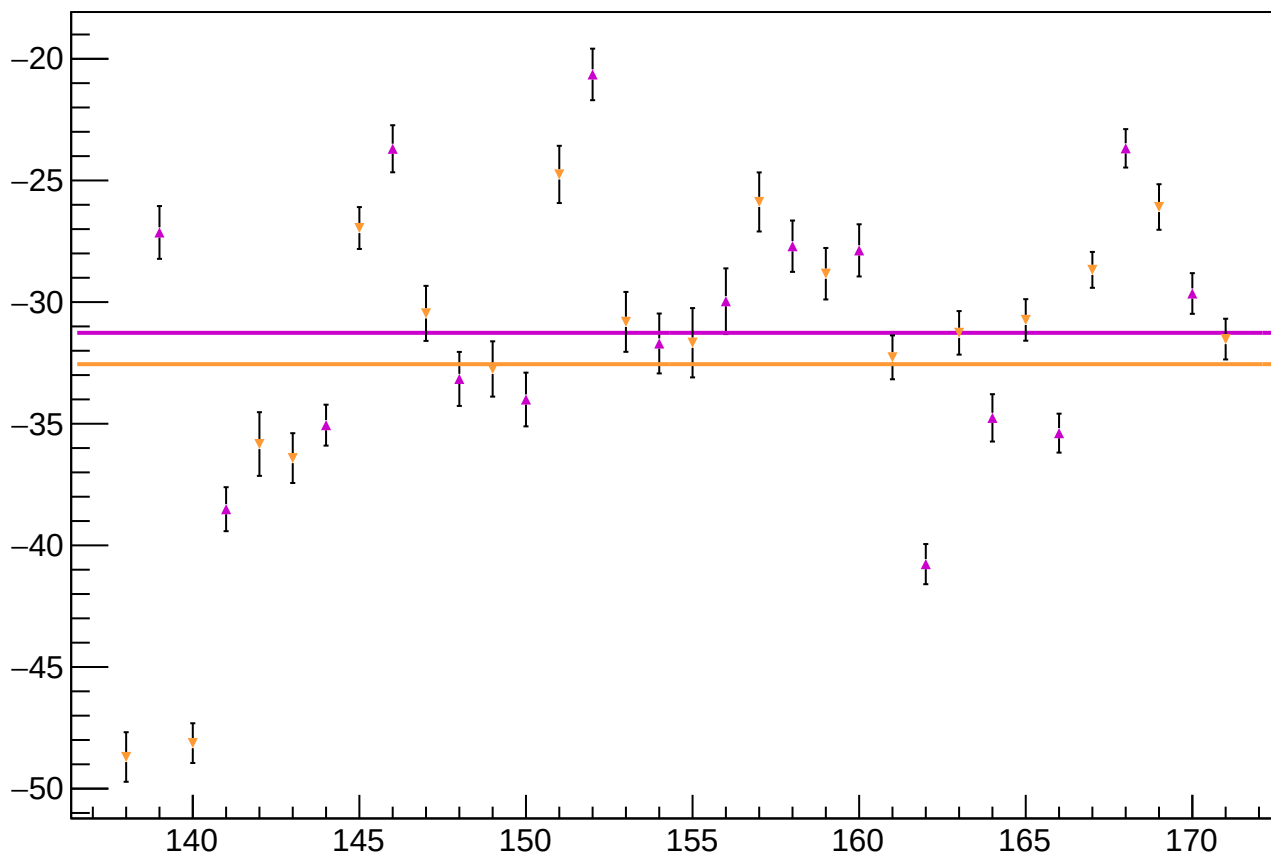
Right: 0.170 $\pm$ 0.007 χ^2 /NDF: 3881.4/34

In: -0.077 $\pm$ 0.003 χ^2 /NDF:2150.0/32

Out: -0.092 $\pm$ 0.003 χ^2 /NDF:3896.8/35

All: -0.085 $\pm$ 0.002 χ^2 /NDF: 6058.4/68

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.552+/-0.232 χ^2/NDF : 853.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.263+/-0.241 χ^2/NDF : 560.5/15

Left: -31.933+/-0.167 χ^2/NDF : 1428.8/33

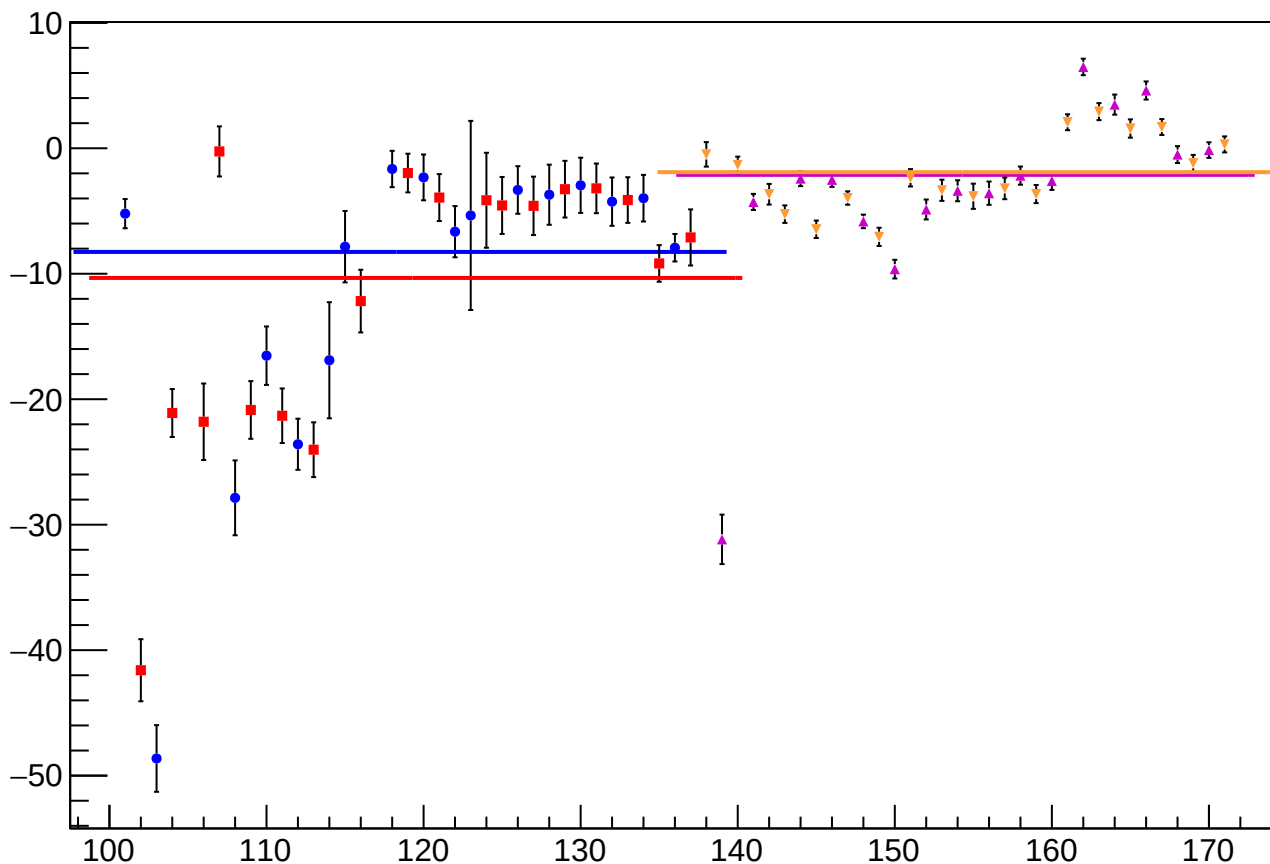
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.263+/-0.241 χ^2/NDF : 560.5/15

Out: -32.552+/-0.232 χ^2/NDF : 853.5/17

All: -31.933+/-0.167 χ^2/NDF : 1428.8/33

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -1.904 ± 0.167 $\chi^2/\text{NDF}: 311.6/17$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -2.118 ± 0.175 $\chi^2/\text{NDF}: 717.8/15$

Left: -2.006 ± 0.121 $\chi^2/\text{NDF}: 1030.1/33$

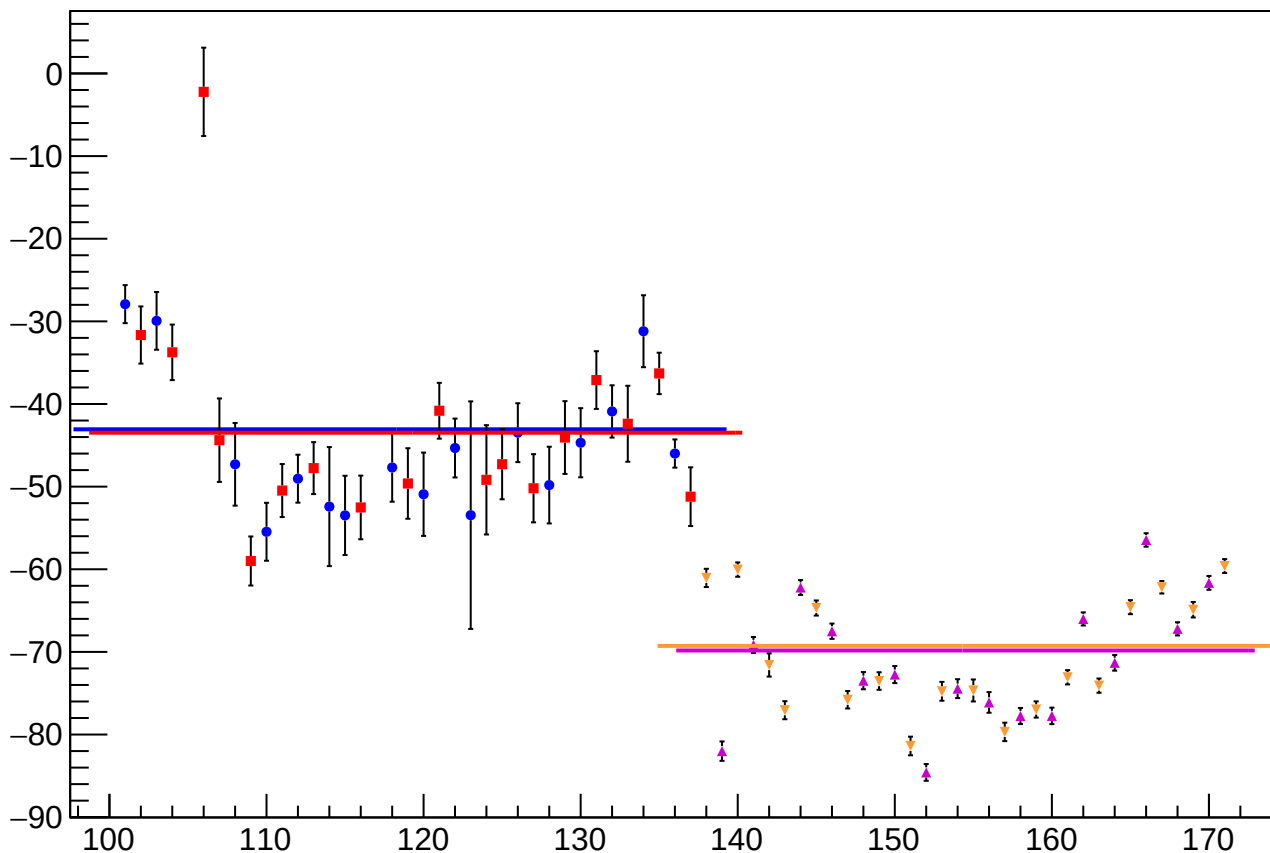
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -2.891 ± 0.164 $\chi^2/\text{NDF}: 1283.8/32$

Out: -2.779 ± 0.158 $\chi^2/\text{NDF}: 986.5/35$

All: -2.833 ± 0.114 $\chi^2/\text{NDF}: 2270.6/68$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected

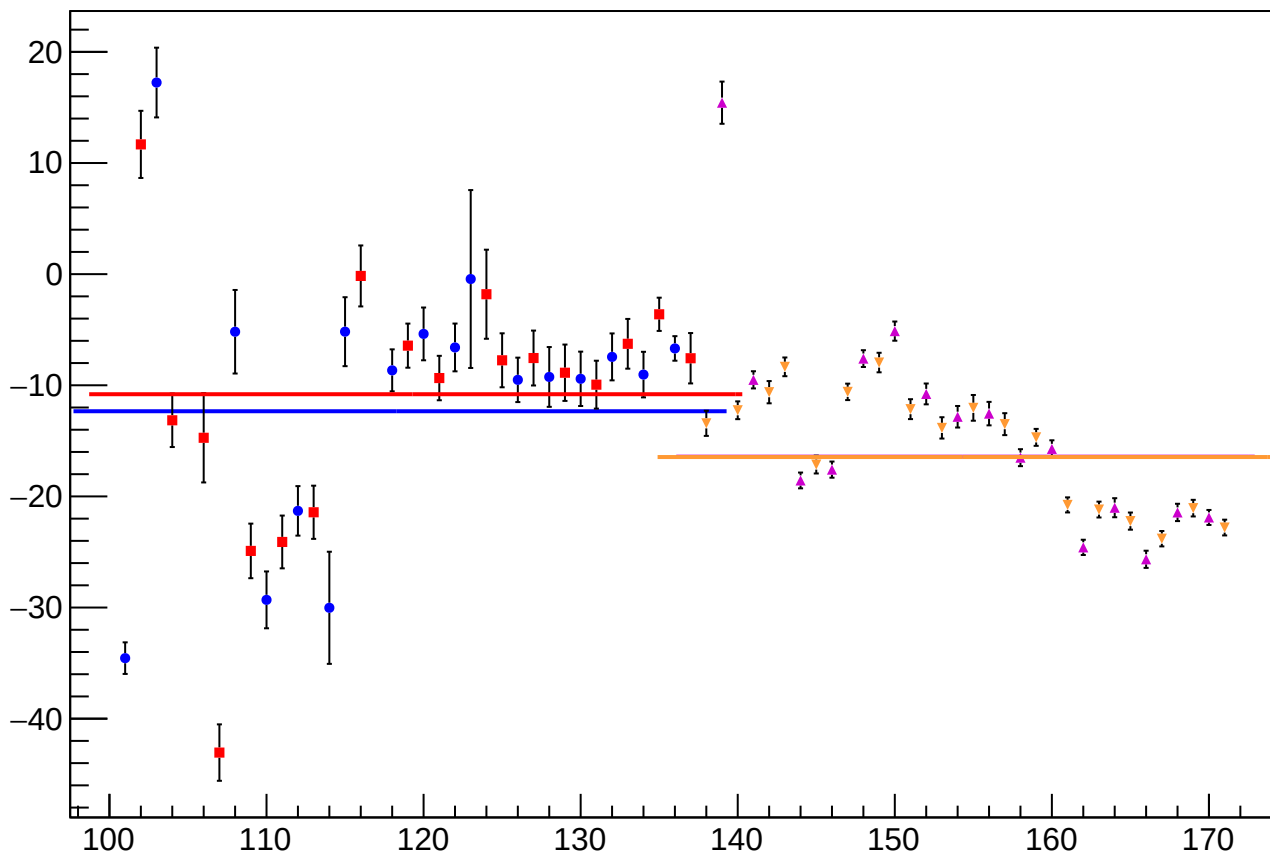


Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.270 ± 0.231 $\chi^2/\text{NDF}: 927.0/17$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -69.827 ± 0.238 $\chi^2/\text{NDF}: 991.1/15$

Left: -69.540 ± 0.166 $\chi^2/\text{NDF}: 1920.9/33$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -67.822 ± 0.229 $\chi^2/\text{NDF}: 2039.7/32$
 Out: -67.572 ± 0.223 $\chi^2/\text{NDF}: 1893.1/35$

All: -67.694 ± 0.160 $\chi^2/\text{NDF}: 3933.4/68$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -16.457 ± 0.193 χ^2/NDF : 749.0/17

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -16.424 ± 0.202 χ^2/NDF : 1165.1/15

Left: -16.441 ± 0.140 χ^2/NDF : 1914.2/33

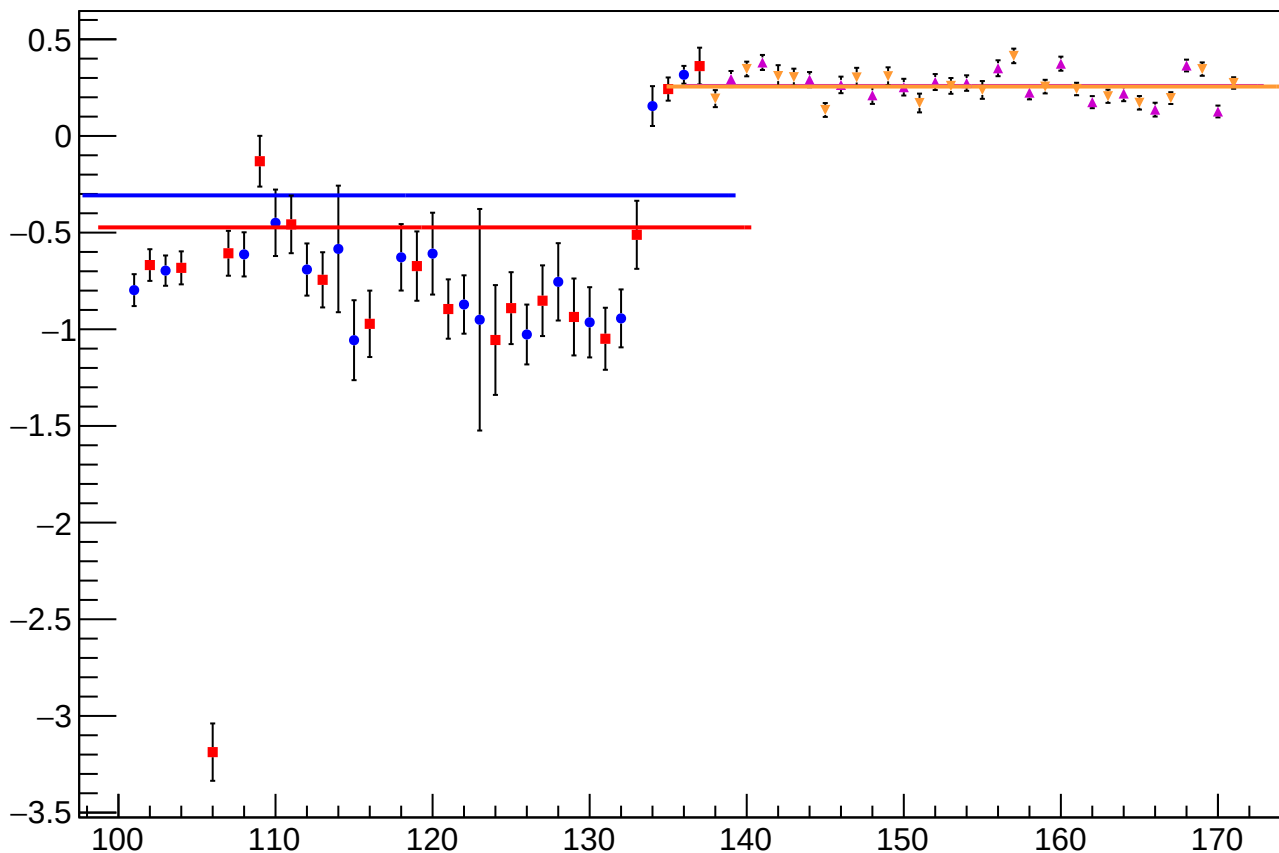
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -15.887 ± 0.189 χ^2/NDF : 1693.9/32

Out: -15.847 ± 0.182 χ^2/NDF : 1203.4/35

All: -15.866 ± 0.131 χ^2/NDF : 2897.3/68

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.256 ± 0.009 χ^2/NDF : 63.5/17

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.259 ± 0.009 χ^2/NDF : 79.3/15

Left: 0.257 ± 0.006 χ^2/NDF : 142.9/33

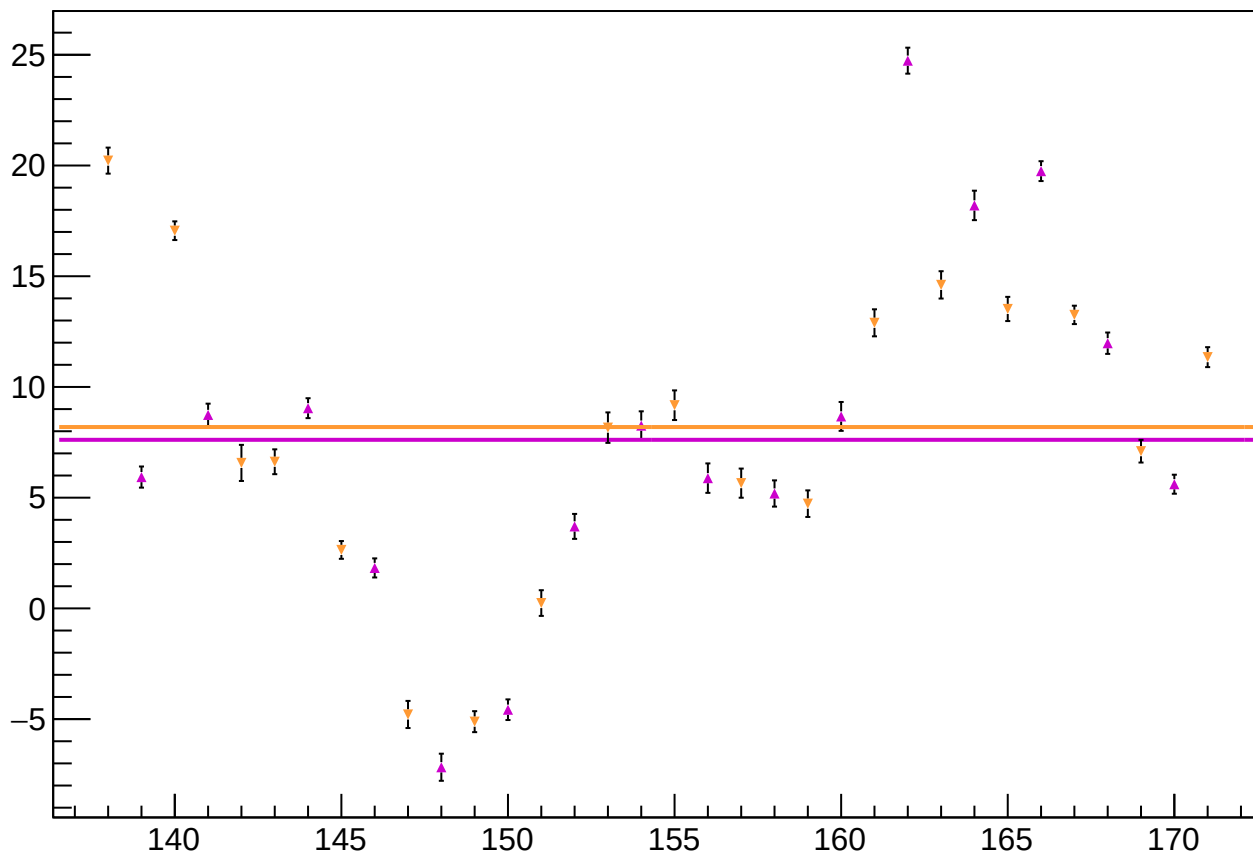
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.200 ± 0.009 χ^2/NDF : 830.3/32

Out: 0.190 ± 0.009 χ^2/NDF : 1279.8/35

All: 0.195 ± 0.006 χ^2/NDF : 2110.8/68

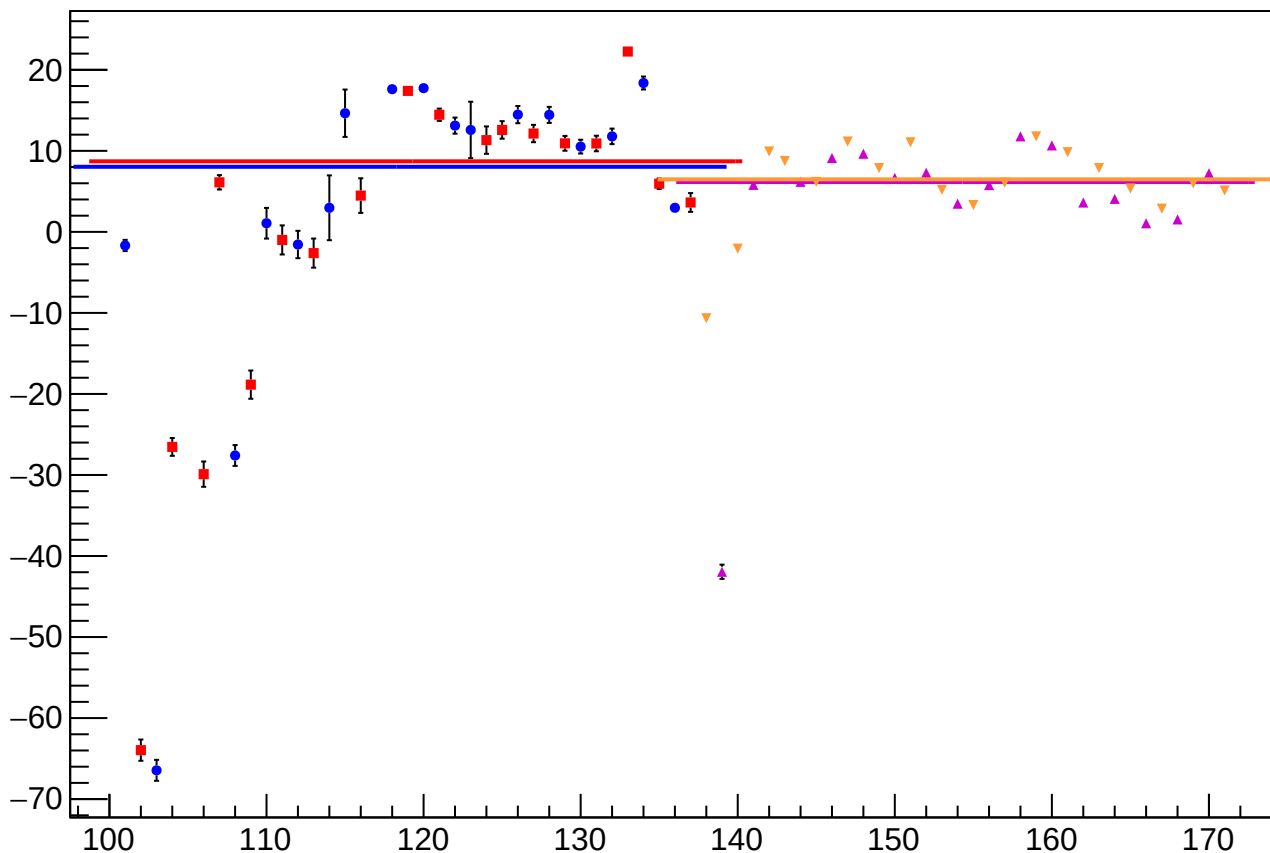
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.613+/-0.130 χ^2/NDF :3490.7/15

Left: 7.909+/-0.091 χ^2/NDF : 6505.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.613+/-0.130 χ^2/NDF :3490.7/15
 Out: 8.190+/-0.127 χ^2/NDF :3004.5/17
 All: 7.909+/-0.091 χ^2/NDF : 6505.3/33

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.483 ± 0.092 χ^2/NDF : 2368.0/17

Right Out: 8.708 ± 0.213 χ^2/NDF : 6290.2/17

Left In: 6.151 ± 0.096 χ^2/NDF : 3926.0/15

Left: 6.325 ± 0.066 χ^2/NDF : 6300.3/33

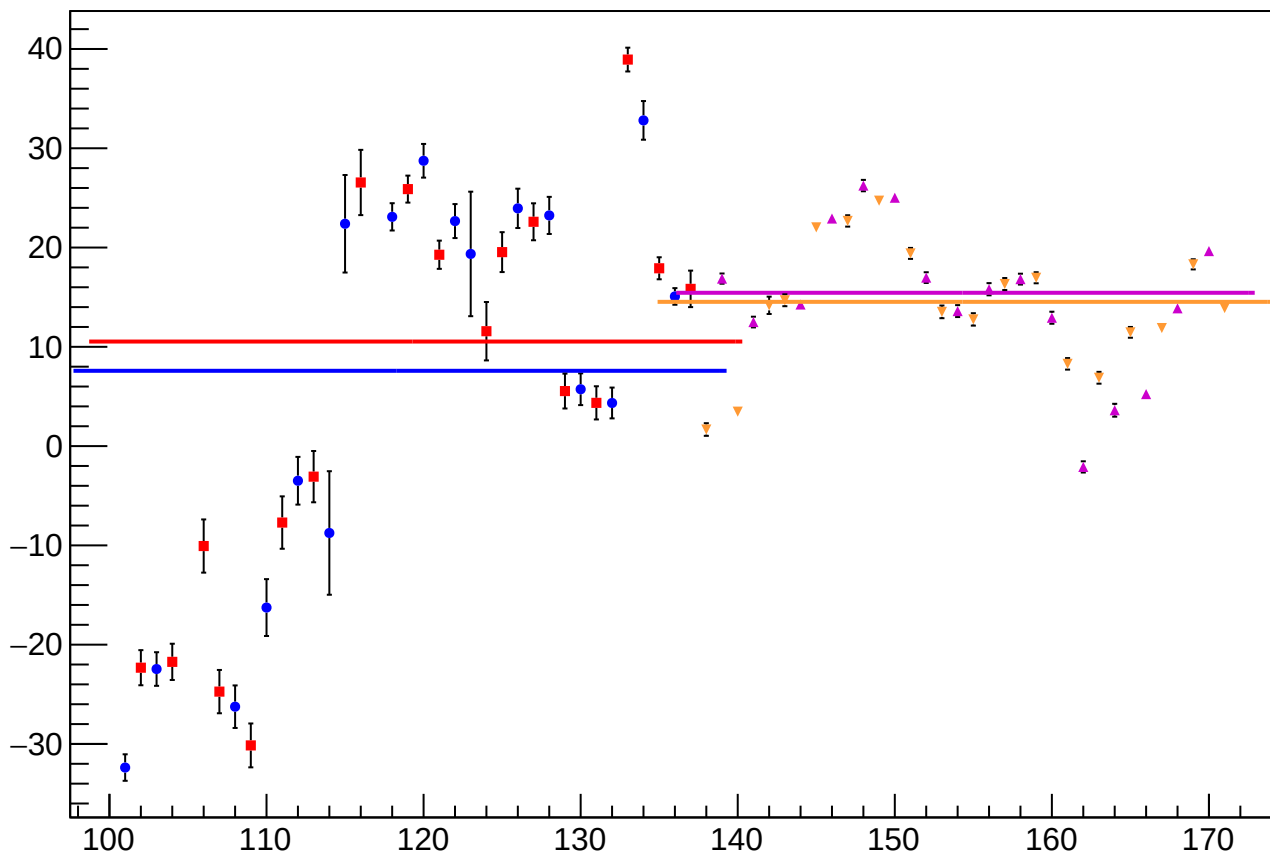
Right: 8.375 ± 0.151 χ^2/NDF : 11665.4/34

In: 6.463 ± 0.088 χ^2/NDF : 9360.1/32

Out: 6.830 ± 0.084 χ^2/NDF : 8750.2/35

All: 6.653 ± 0.061 χ^2/NDF : 18119.5/68

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 14.531 ± 0.126 $\chi^2/\text{NDF}: 2580.2/17$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 15.444 ± 0.129 $\chi^2/\text{NDF}: 3149.0/15$

Left: 14.979 ± 0.090 $\chi^2/\text{NDF}: 5754.9/33$

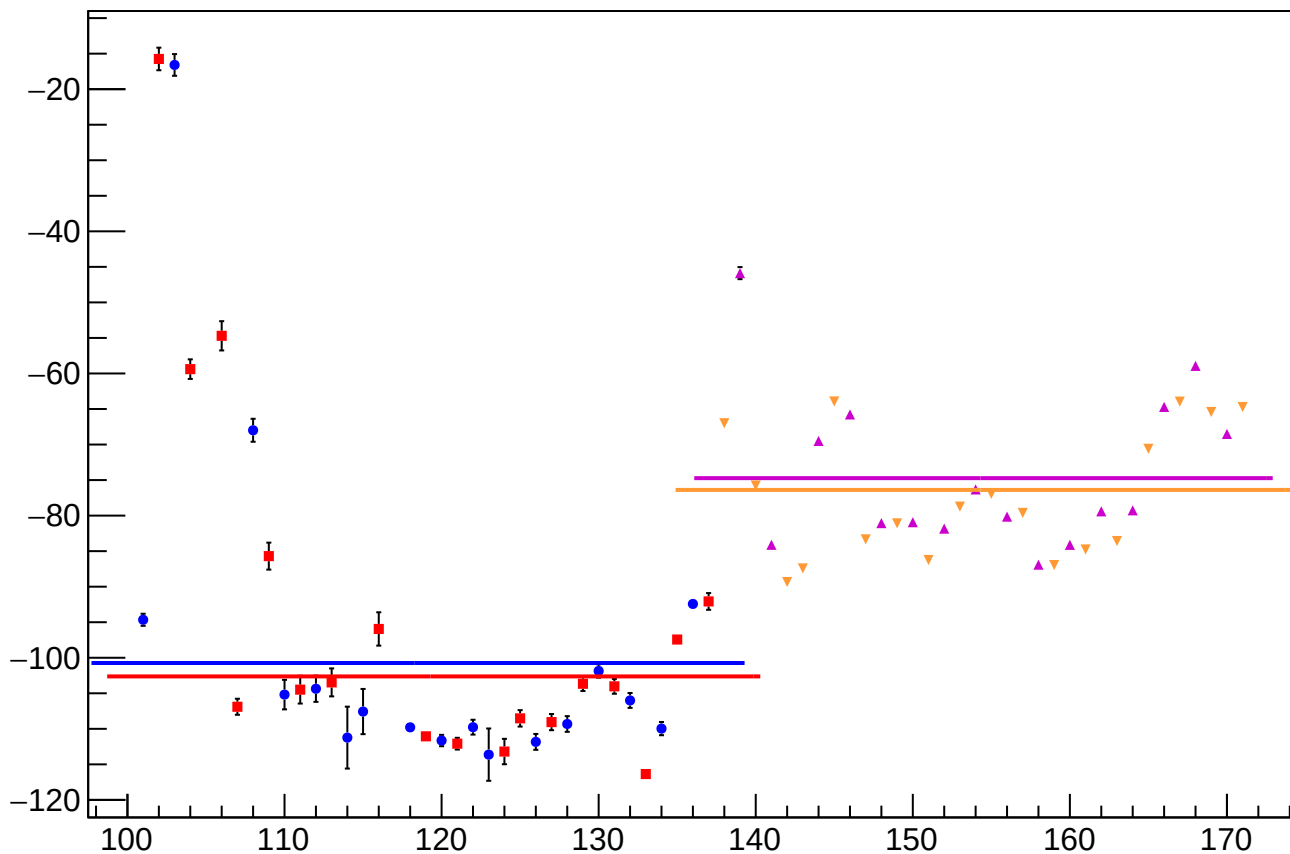
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 14.759 ± 0.123 $\chi^2/\text{NDF}: 5797.1/32$

Out: 14.197 ± 0.121 $\chi^2/\text{NDF}: 4943.7/35$

All: 14.473 ± 0.086 $\chi^2/\text{NDF}: 10751.5/68$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -75.591 +/- 0.077 χ^2/NDF : 13993.9/33

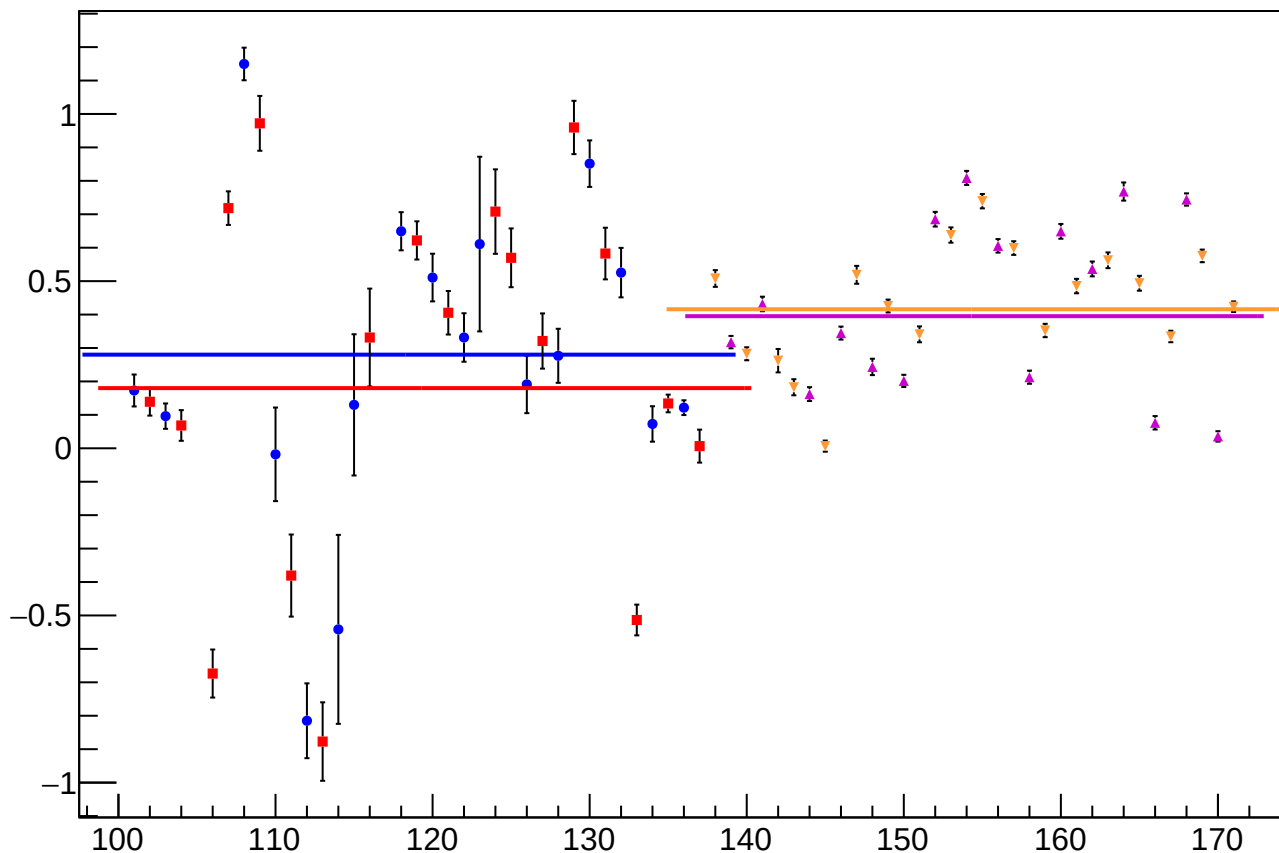
Right: -101.689 +/- 0.175 χ^2/NDF : 10266.1/34

In: -79.034 +/- 0.101 χ^2/NDF : 20312.8/32

Out: -80.500 +/- 0.097 χ^2/NDF : 22540.4/35

All: -79.793 +/- 0.070 χ^2/NDF : 42962.3/68

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: 0.416 $\pm$ 0.005 χ^2 /NDF:1367.3/17

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.395 $\pm$ 0.005 χ^2 /NDF:2561.1/15

Left: 0.406 $\pm$ 0.004 χ^2 /NDF: 3937.0/33

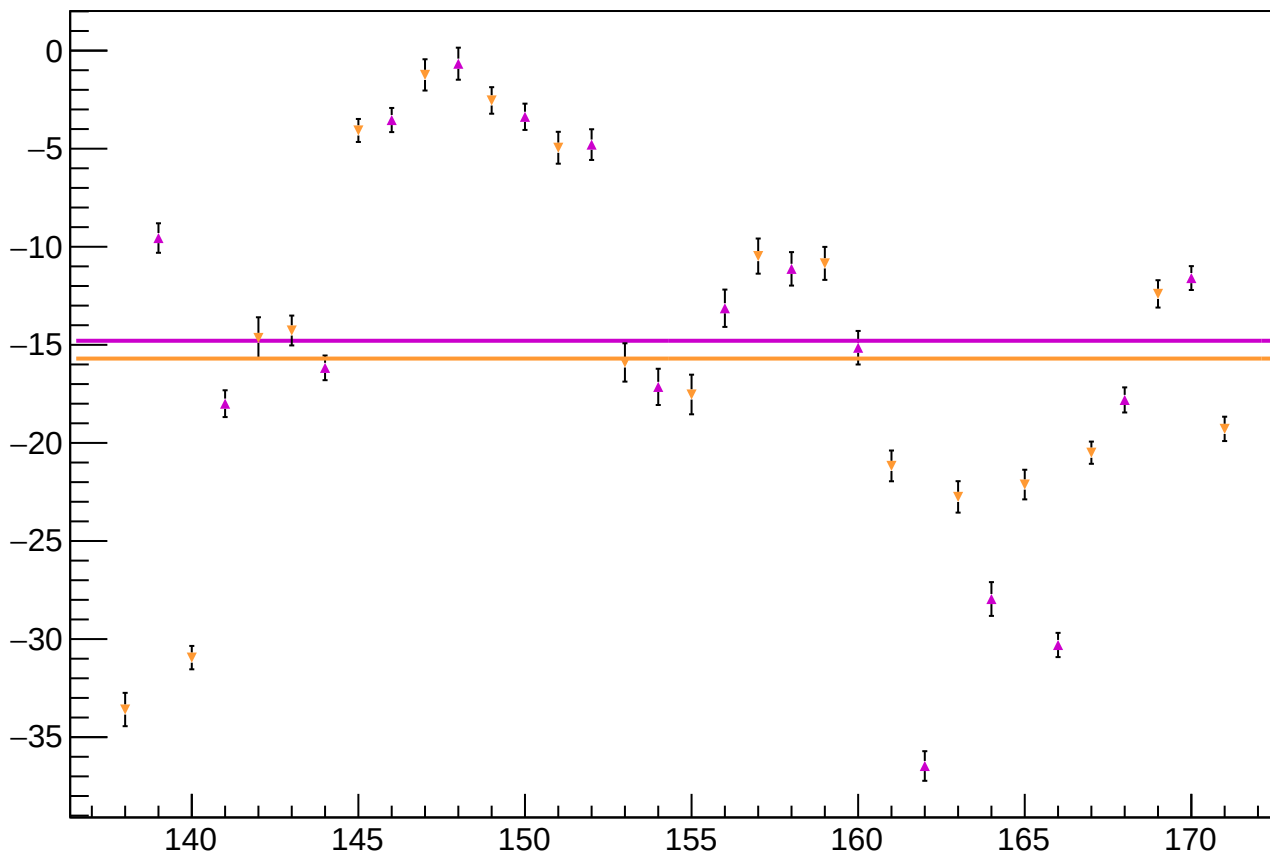
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.381 $\pm$ 0.005 χ^2 /NDF:3281.4/32

Out: 0.388 $\pm$ 0.005 χ^2 /NDF:2574.5/35

All: 0.385 $\pm$ 0.003 χ^2 /NDF: 5857.1/68

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.792+/-0.182 χ^2/NDF : 2928.8/15

Left: -15.261+/-0.126 χ^2/NDF : 5715.7/33

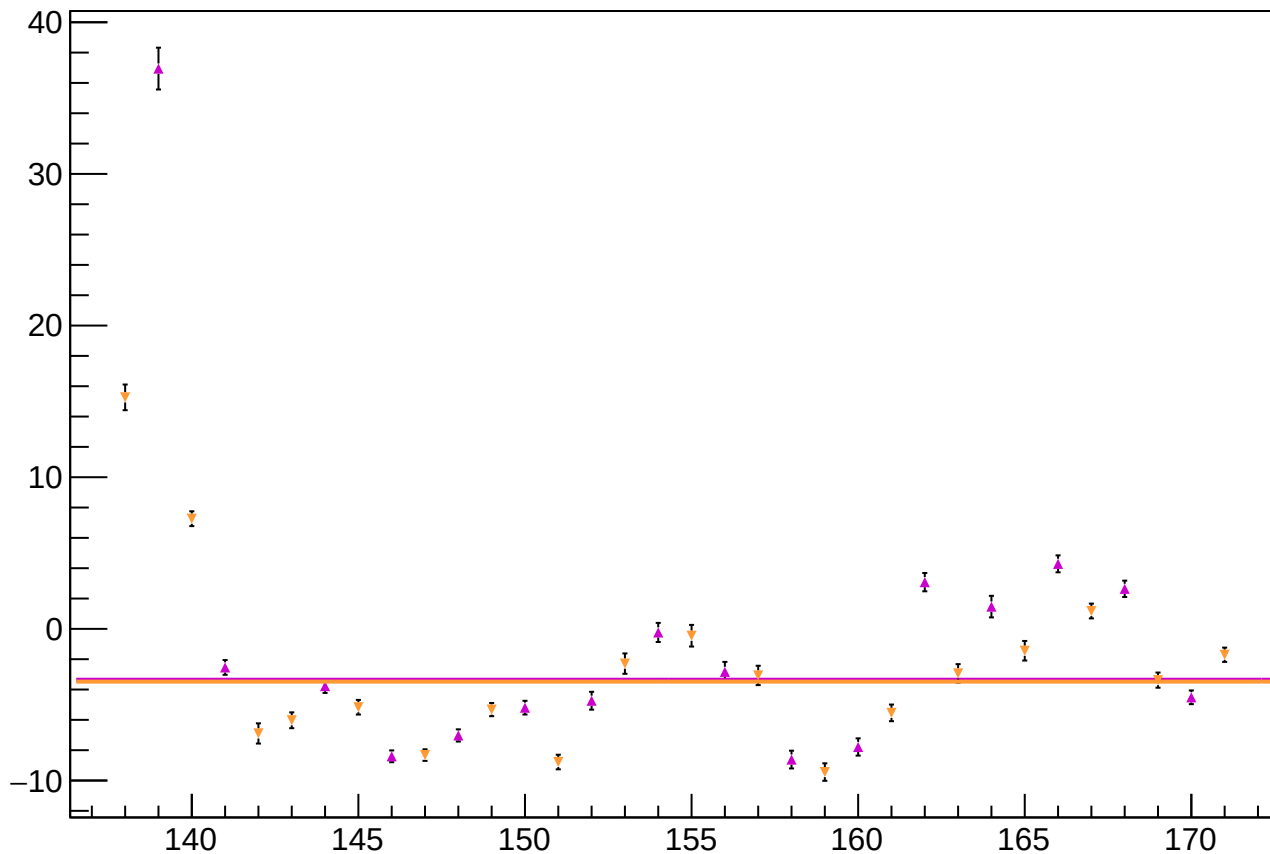
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.792+/-0.182 χ^2/NDF : 2928.8/15

Out: -15.700+/-0.176 χ^2/NDF : 2773.9/17

All: -15.261+/-0.126 χ^2/NDF : 5715.7/33

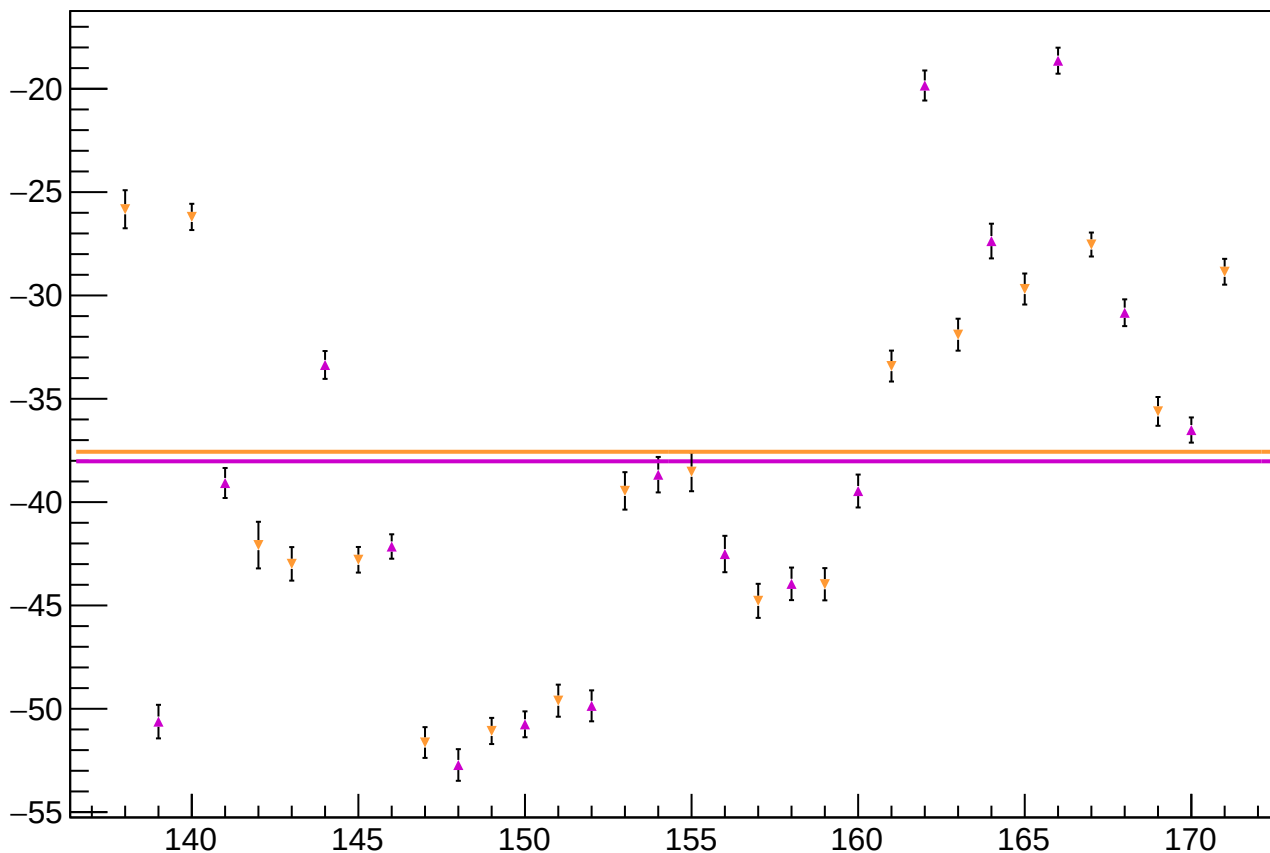
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -3.478 $\pm$ 0.126 χ^2 /NDF:1594.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.354 $\pm$ 0.132 χ^2 /NDF:1773.8/15

Left: -3.419 $\pm$ 0.091 χ^2 /NDF: 3368.4/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.354 $\pm$ 0.132 χ^2 /NDF:1773.8/15
 Out: -3.478 $\pm$ 0.126 χ^2 /NDF:1594.1/17
 All: -3.419 $\pm$ 0.091 χ^2 /NDF: 3368.4/33

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -37.563+/-0.175 χ^2/NDF :2513.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Left: -37.789+/-0.125 χ^2/NDF : 5837.4/33

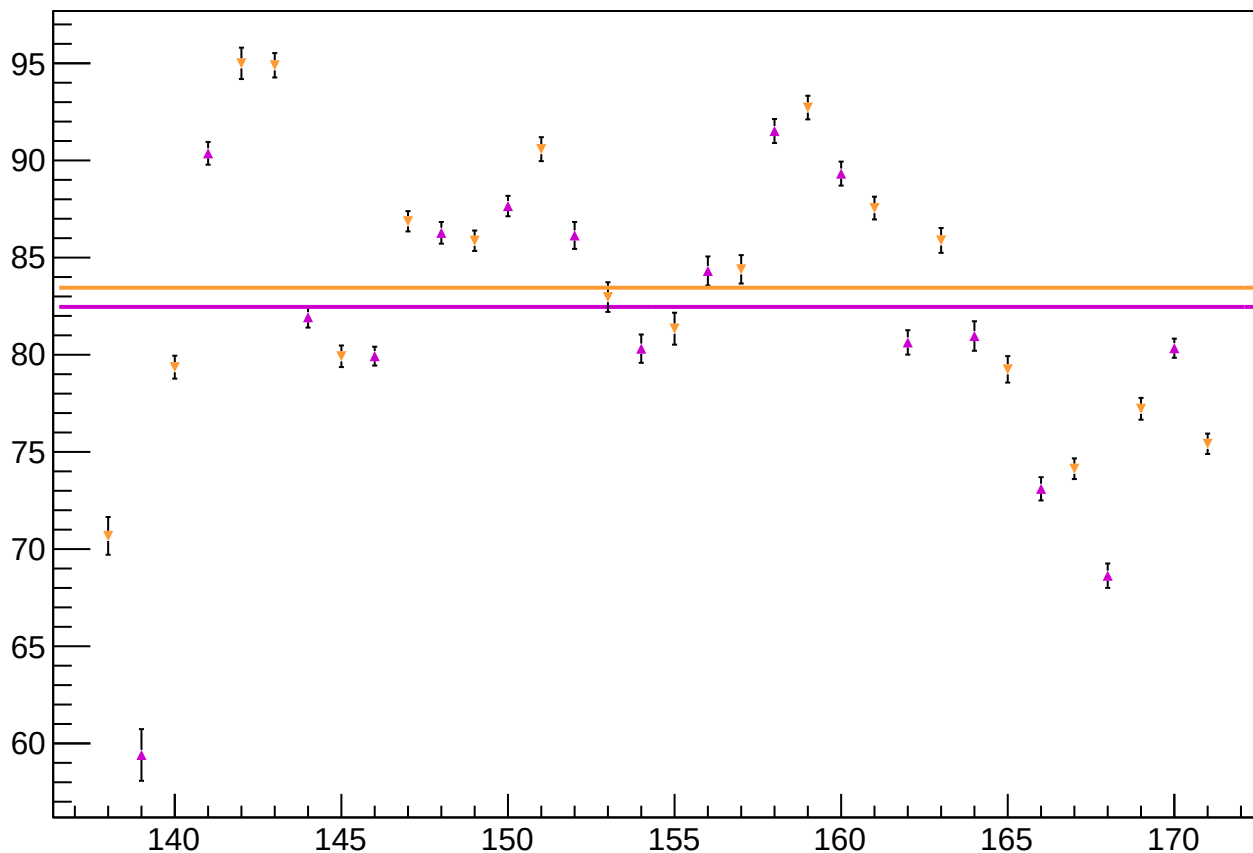
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.025+/-0.179 χ^2/NDF :3320.7/15

Out: -37.563+/-0.175 χ^2/NDF :2513.3/17

All: -37.789+/-0.125 χ^2/NDF : 5837.4/33

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: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 82.463 $\pm$ 0.153 χ^2 /NDF:1795.4/15

Left: 82.979 $\pm$ 0.106 χ^2 /NDF: 3821.4/33

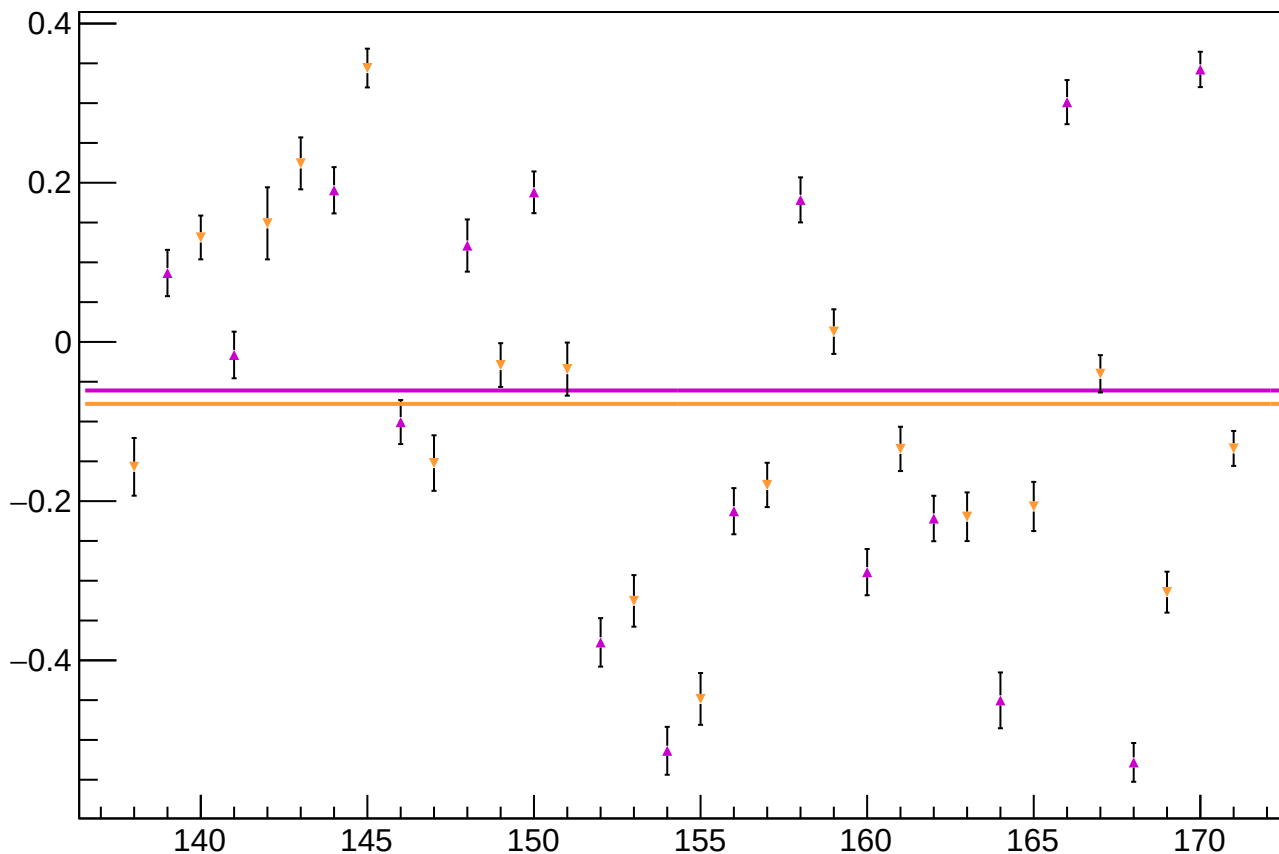
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 82.463 $\pm$ 0.153 χ^2 /NDF:1795.4/15

Out: 83.451 $\pm$ 0.146 χ^2 /NDF:2004.2/17

All: 82.979 $\pm$ 0.106 χ^2 /NDF: 3821.4/33

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: -0.078+/-0.007 χ^2/NDF :831.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.061+/-0.007 χ^2/NDF :1744.0/15

Left: -0.070+/-0.005 χ^2/NDF : 2578.6/33

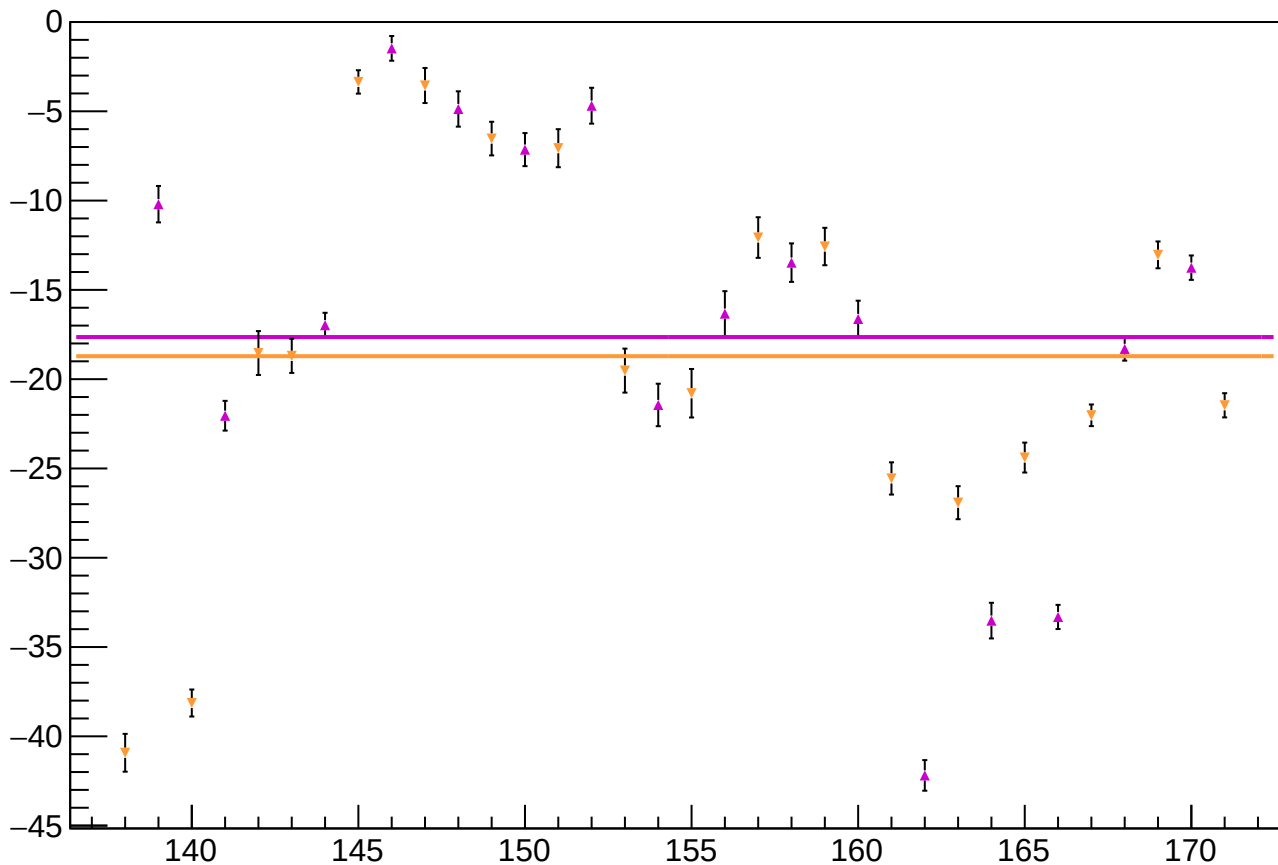
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.061+/-0.007 χ^2/NDF :1744.0/15

Out: -0.078+/-0.007 χ^2/NDF :831.7/17

All: -0.070+/-0.005 χ^2/NDF : 2578.6/33

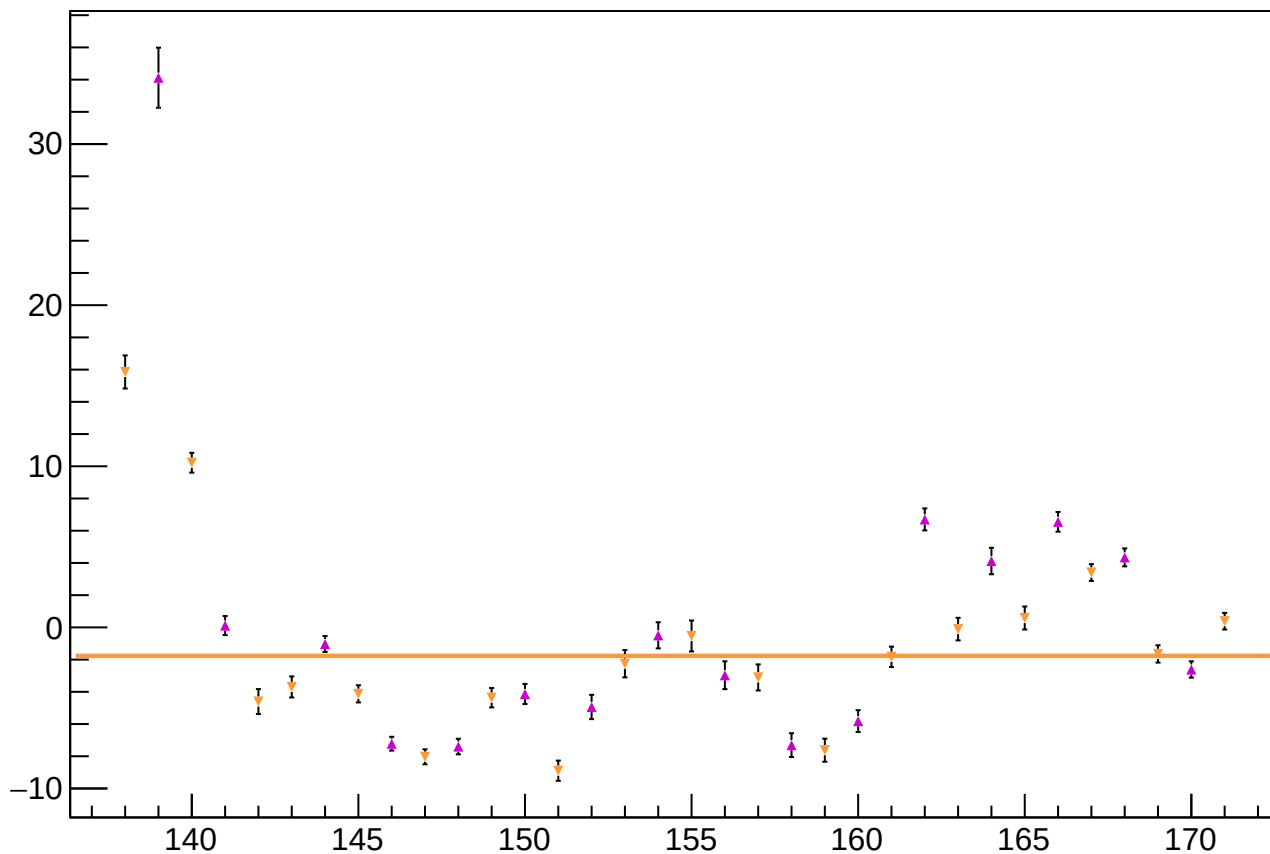
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.641+/-0.214 χ^2/NDF :2758.7/15

Left: -18.192+/-0.149 χ^2/NDF : 5302.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.641+/-0.214 χ^2/NDF :2758.7/15
 Out: -18.713+/-0.208 χ^2/NDF :2530.9/17
 All: -18.192+/-0.149 χ^2/NDF : 5302.6/33

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



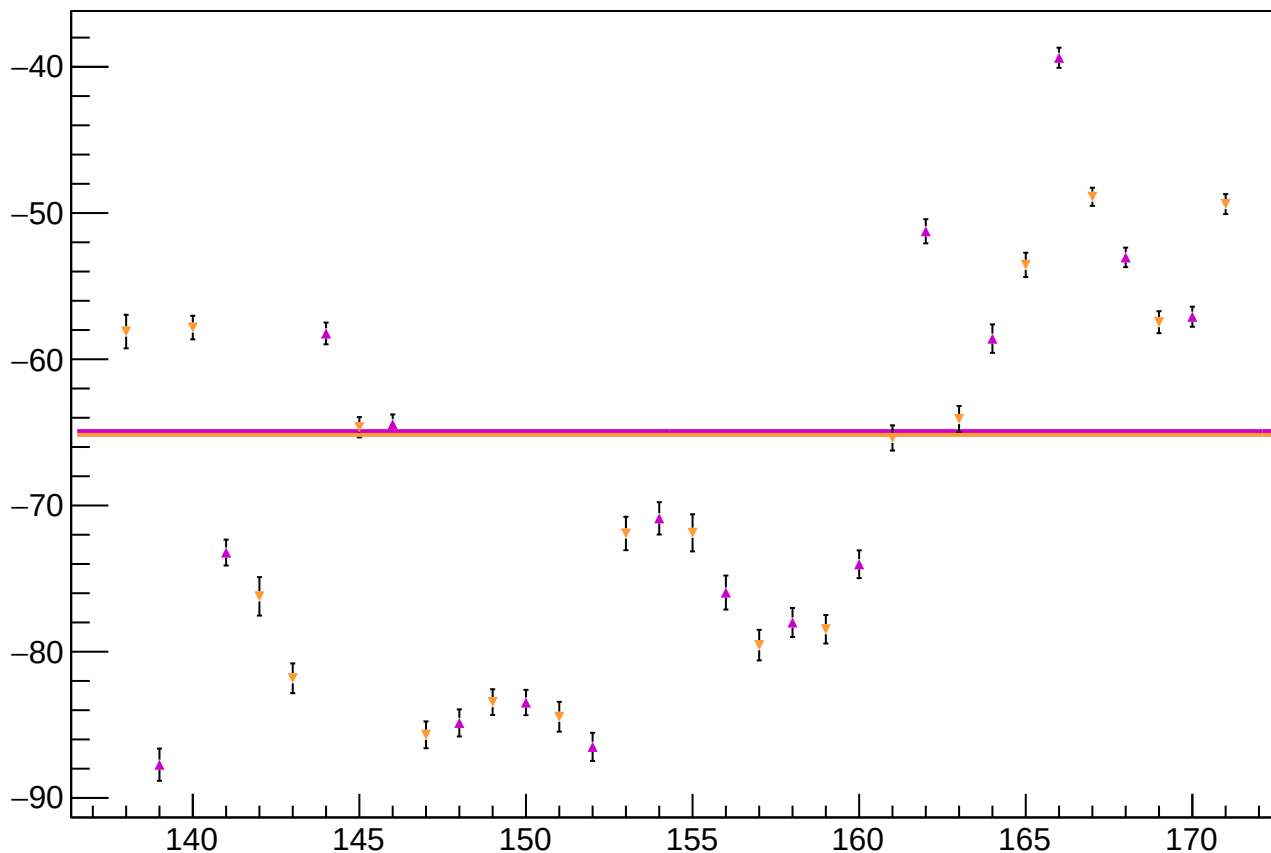
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.778 $\pm$ 0.150 χ^2 /NDF:1249.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.765 $\pm$ 0.155 χ^2 /NDF:1321.8/15

Left: -1.772 $\pm$ 0.108 χ^2 /NDF: 2570.9/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.765 $\pm$ 0.155 χ^2 /NDF:1321.8/15
 Out: -1.778 $\pm$ 0.150 χ^2 /NDF:1249.0/17

All: -1.772 $\pm$ 0.108 χ^2 /NDF: 2570.9/33

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.915+/-0.211 χ^2/NDF : 4545.5/15

Left: -65.046+/-0.148 χ^2/NDF : 8259.2/33

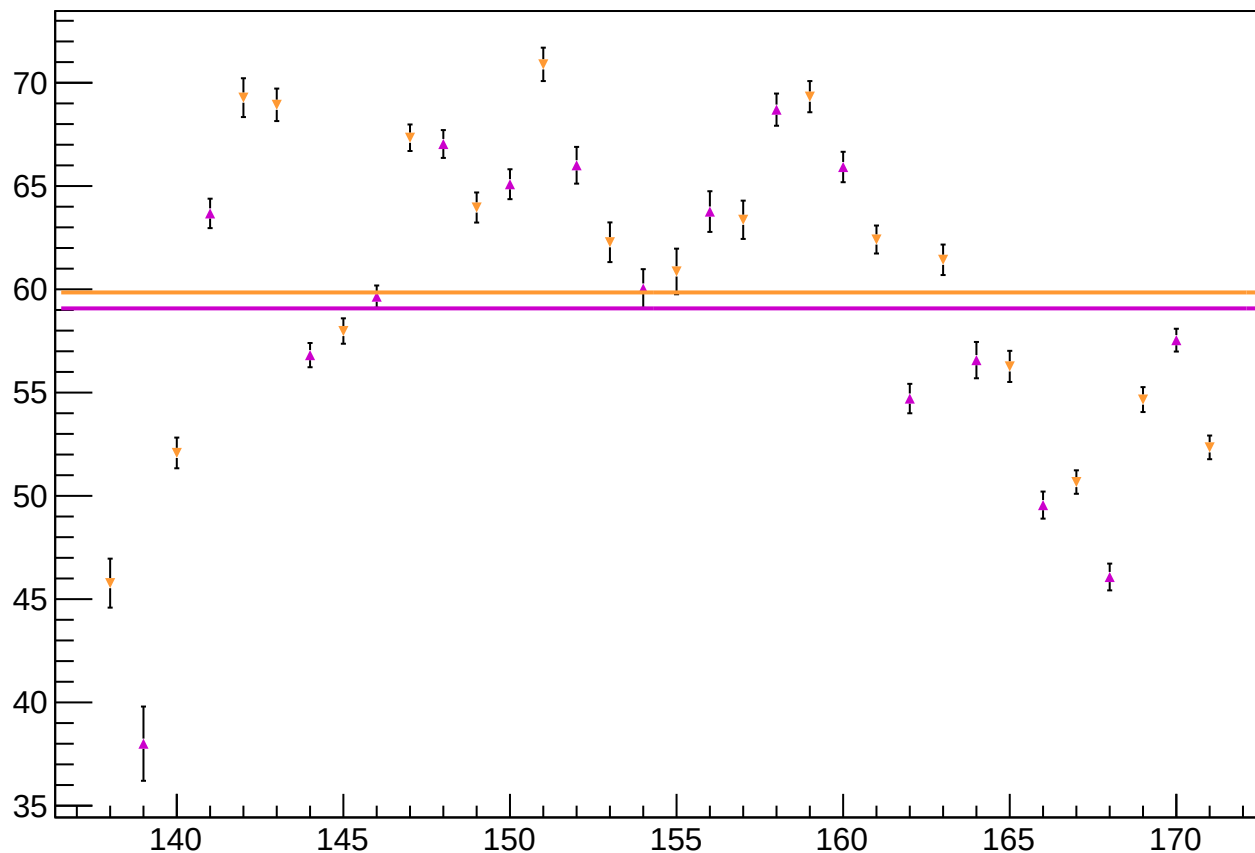
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.915+/-0.211 χ^2/NDF : 4545.5/15

Out: -65.172+/-0.207 χ^2/NDF : 3713.0/17

All: -65.046+/-0.148 χ^2/NDF : 8259.2/33

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.848+/-0.173 χ^2/NDF :1575.2/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 59.076+/-0.180 χ^2/NDF :1394.4/15

Left: 59.476+/-0.125 χ^2/NDF : 2979.1/33

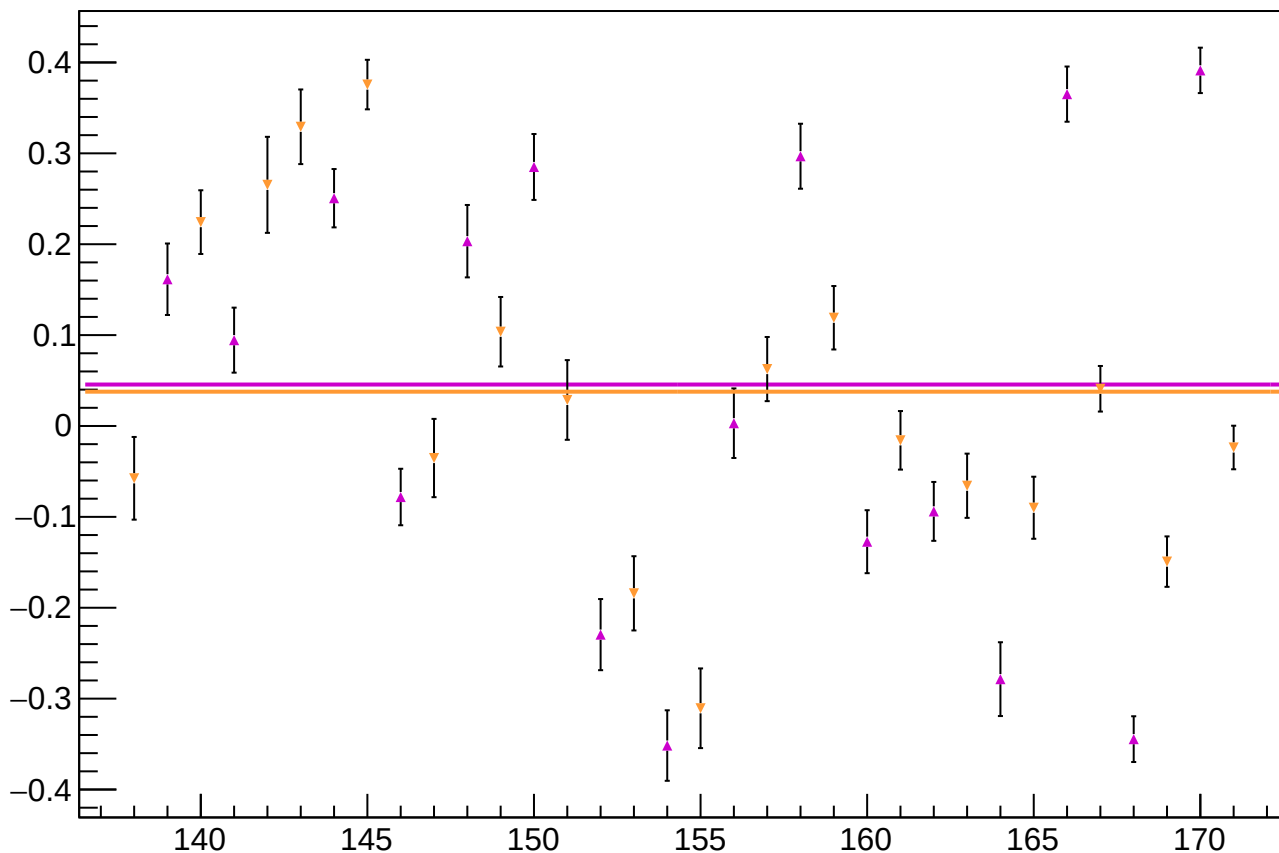
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 59.076+/-0.180 χ^2/NDF :1394.4/15

Out: 59.848+/-0.173 χ^2/NDF :1575.2/17

All: 59.476+/-0.125 χ^2/NDF : 2979.1/33

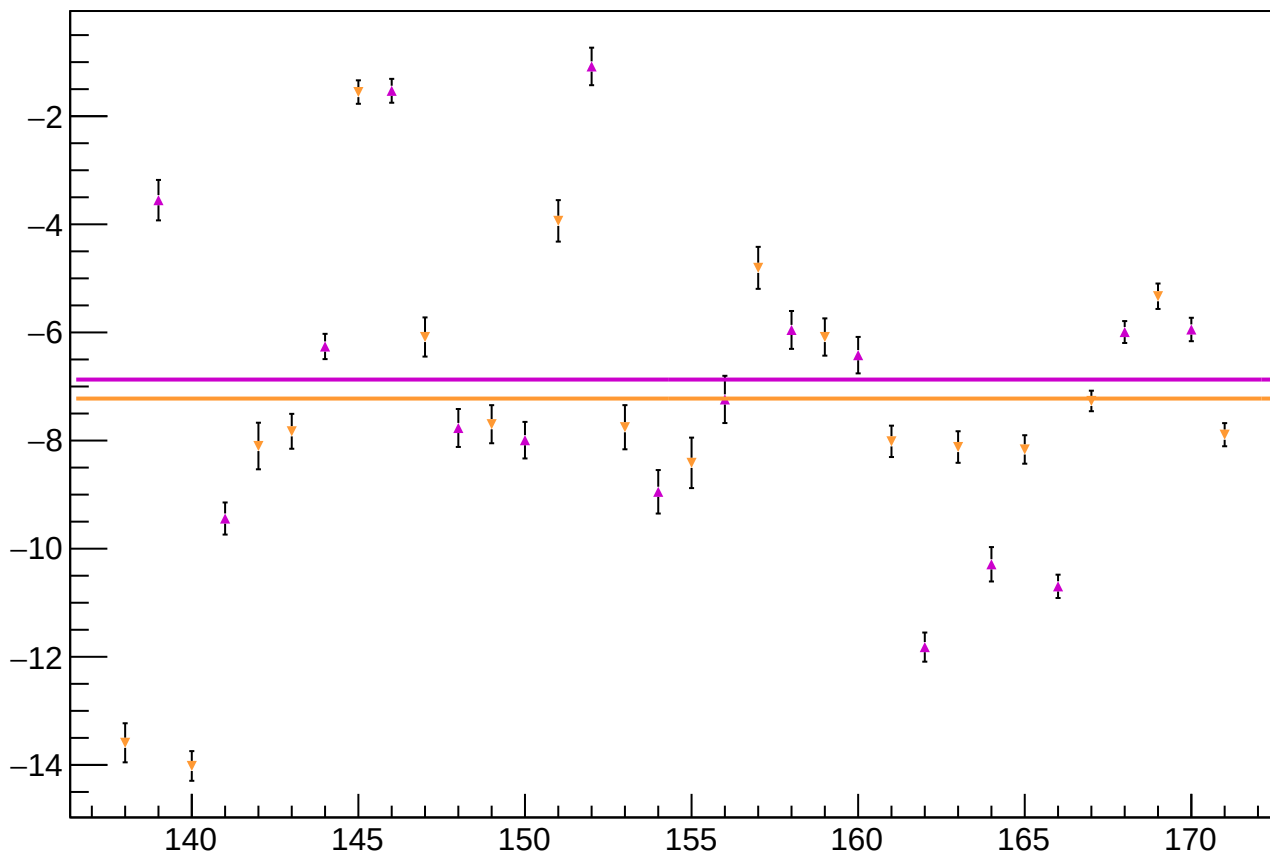
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15

Left: 0.042 $\pm$ 0.006 χ^2 /NDF: 1418.6/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.046 $\pm$ 0.008 χ^2 /NDF:981.0/15
 Out: 0.038 $\pm$ 0.008 χ^2 /NDF:437.2/17
 All: 0.042 $\pm$ 0.006 χ^2 /NDF: 1418.6/33

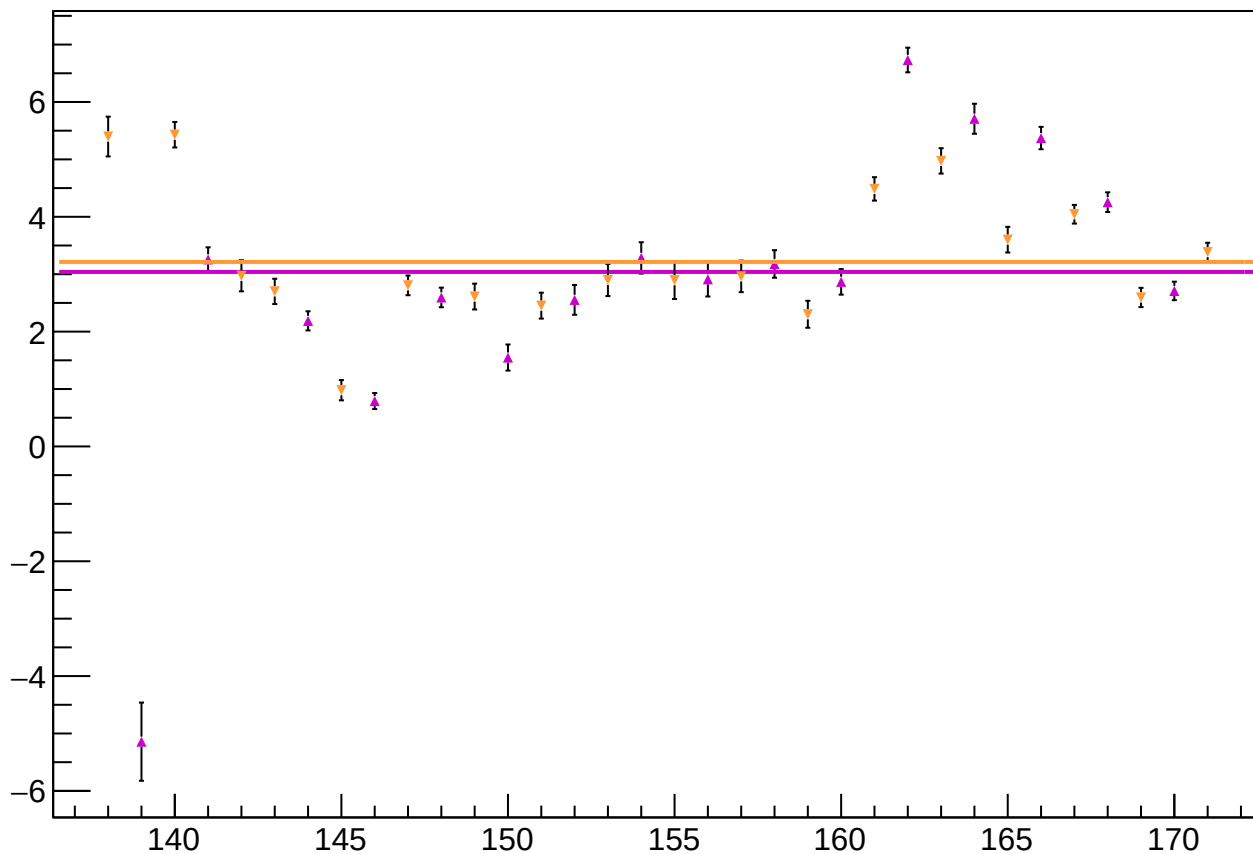
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -7.223 ± 0.069 $\chi^2/\text{NDF}: 1860.0/17$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.872 ± 0.070 $\chi^2/\text{NDF}: 1881.2/15$

Left: -7.051 ± 0.049 $\chi^2/\text{NDF}: 3753.9/33$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.872 ± 0.070 $\chi^2/\text{NDF}: 1881.2/15$
 Out: -7.223 ± 0.069 $\chi^2/\text{NDF}: 1860.0/17$
 All: -7.051 ± 0.049 $\chi^2/\text{NDF}: 3753.9/33$

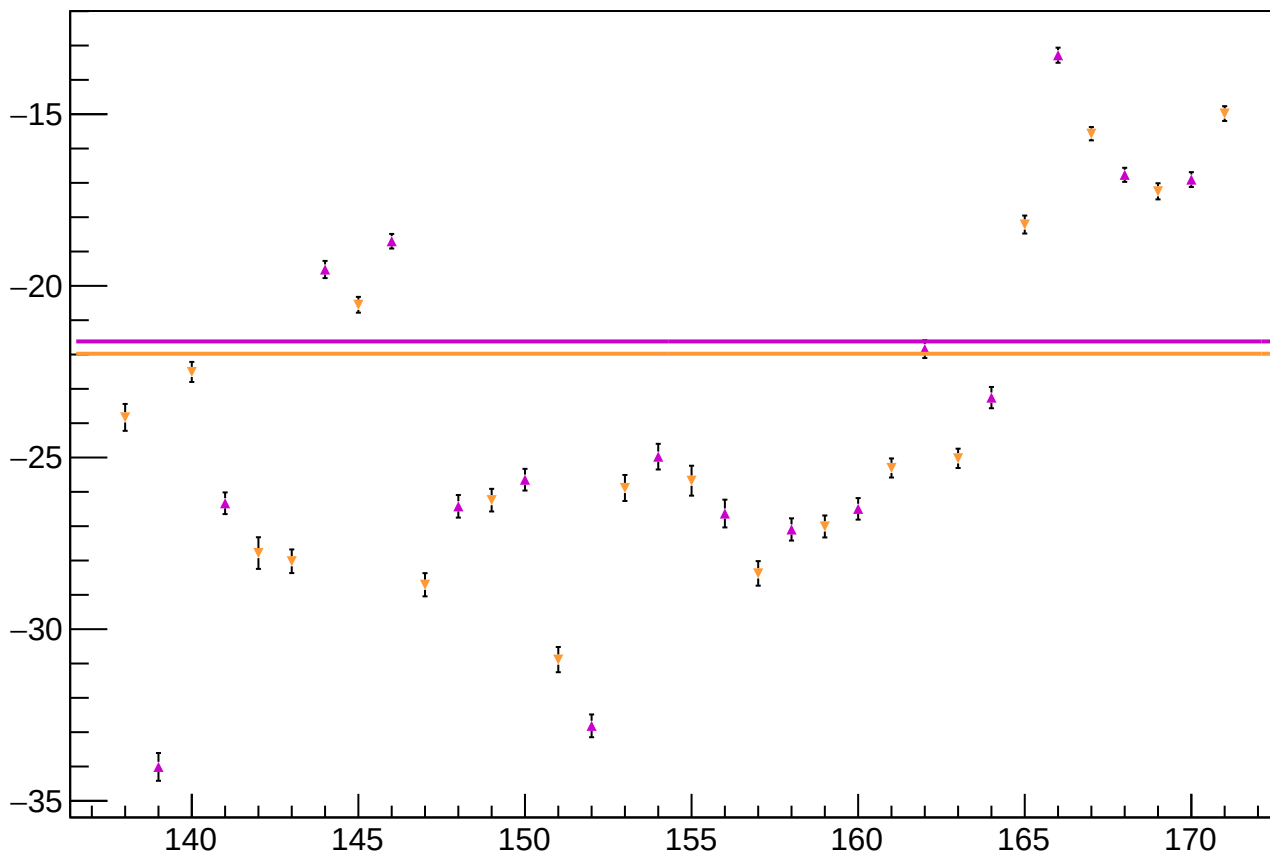
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.214 $\pm$ 0.050 χ^2/NDF :494.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.040 $\pm$ 0.051 χ^2/NDF :1084.6/15

Left: 3.129 $\pm$ 0.036 χ^2/NDF : 1584.8/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.040 $\pm$ 0.051 χ^2/NDF :1084.6/15
 Out: 3.214 $\pm$ 0.050 χ^2/NDF :494.3/17
 All: 3.129 $\pm$ 0.036 χ^2/NDF : 1584.8/33

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.977+/-0.069 χ^2/NDF :5444.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -21.619+/-0.070 χ^2/NDF :6193.0/15

Left: -21.800+/-0.049 χ^2/NDF : 11650.5/33

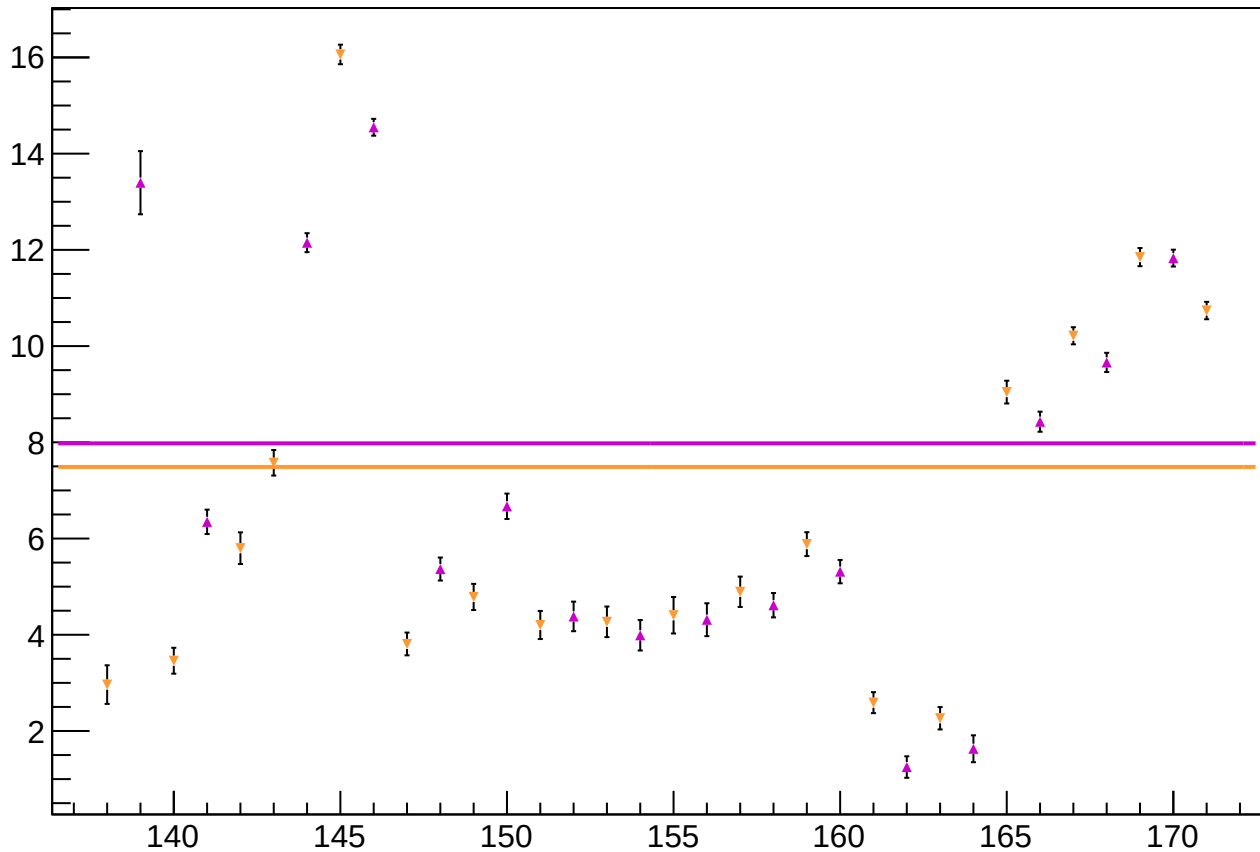
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.619+/-0.070 χ^2/NDF :6193.0/15

Out: -21.977+/-0.069 χ^2/NDF :5444.1/17

All: -21.800+/-0.049 χ^2/NDF : 11650.5/33

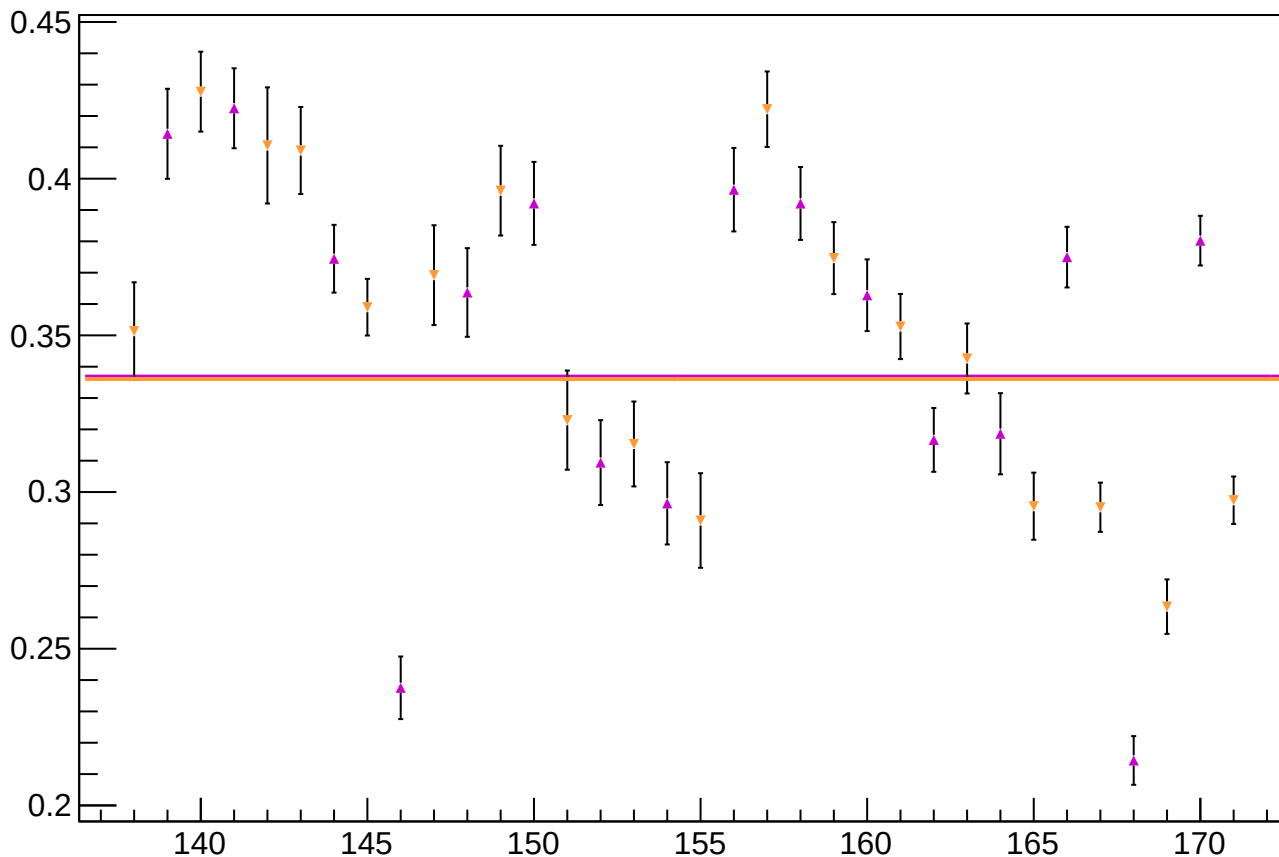
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.978+/-0.059 χ^2/NDF :4798.4/15

Left: 7.726+/-0.041 χ^2/NDF : 9881.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.978+/-0.059 χ^2/NDF :4798.4/15
 Out: 7.489+/-0.058 χ^2/NDF :5048.1/17
 All: 7.726+/-0.041 χ^2/NDF : 9881.6/33

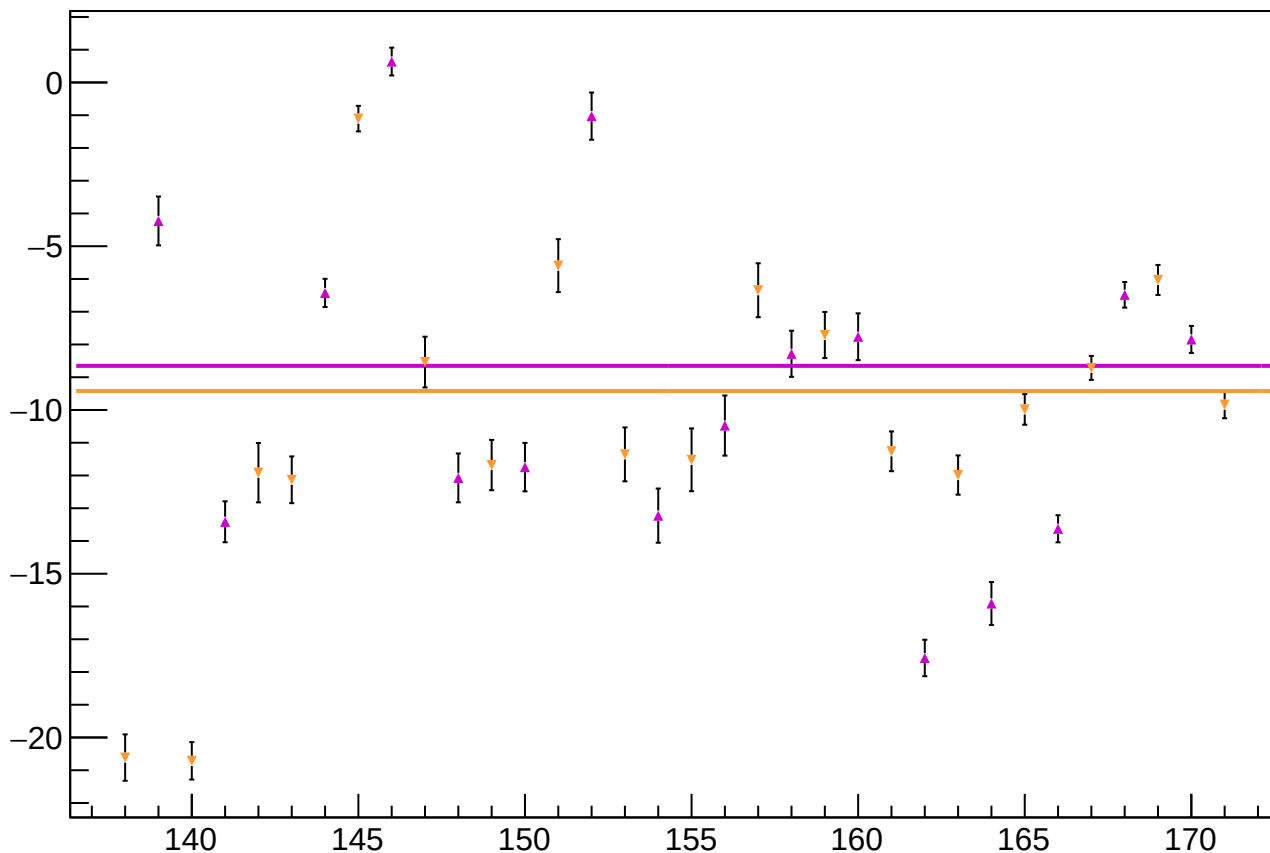
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.337 $\pm$ 0.003 χ^2 /NDF:567.5/15

Left: 0.336 $\pm$ 0.002 χ^2 /NDF: 907.1/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.337 $\pm$ 0.003 χ^2 /NDF:567.5/15
 Out: 0.336 $\pm$ 0.003 χ^2 /NDF:339.6/17
 All: 0.336 $\pm$ 0.002 χ^2 /NDF: 907.1/33

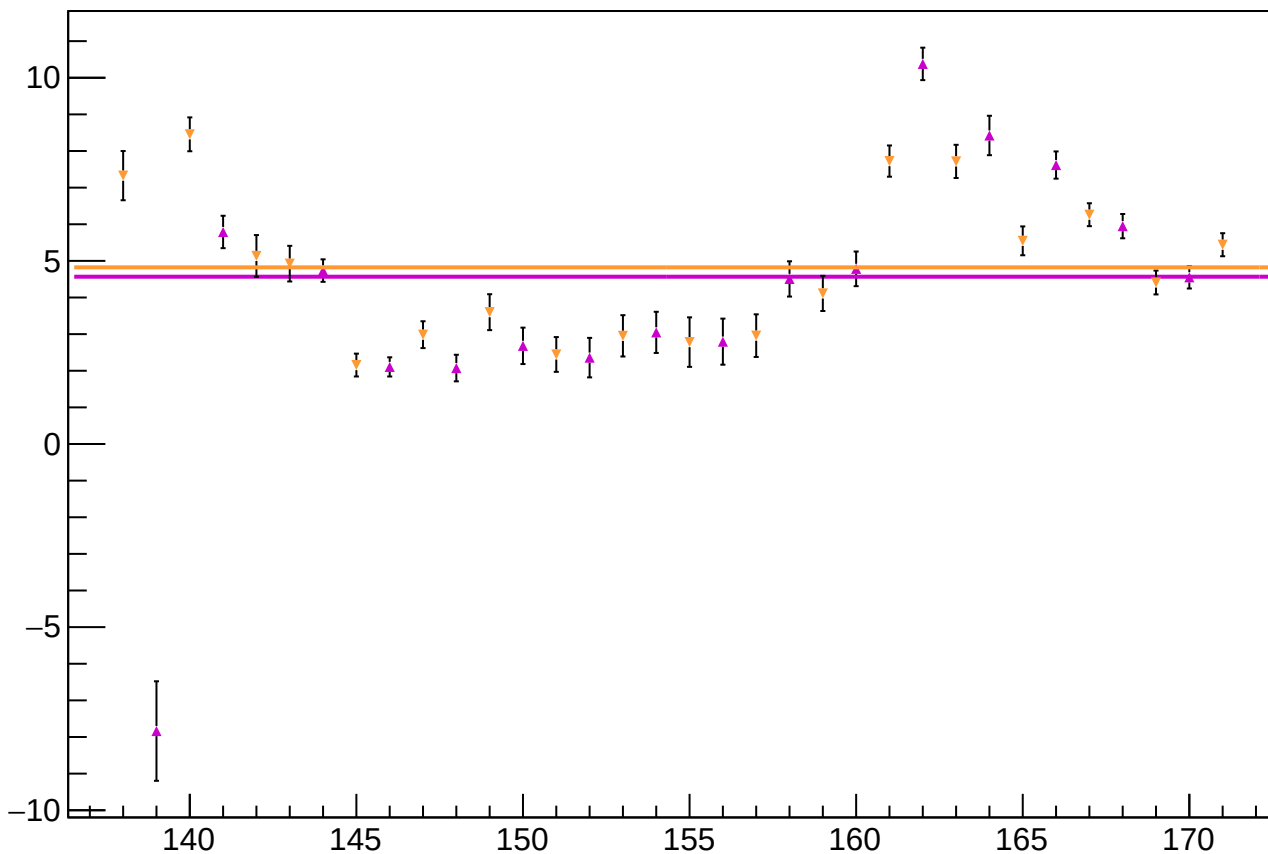
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.420 $\pm$ 0.136 χ^2/NDF :1267.6/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15

Left: -9.046 $\pm$ 0.098 χ^2/NDF : 2628.0/33
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.653 $\pm$ 0.140 χ^2/NDF :1344.9/15
 Out: -9.420 $\pm$ 0.136 χ^2/NDF :1267.6/17
 All: -9.046 $\pm$ 0.098 χ^2/NDF : 2628.0/33

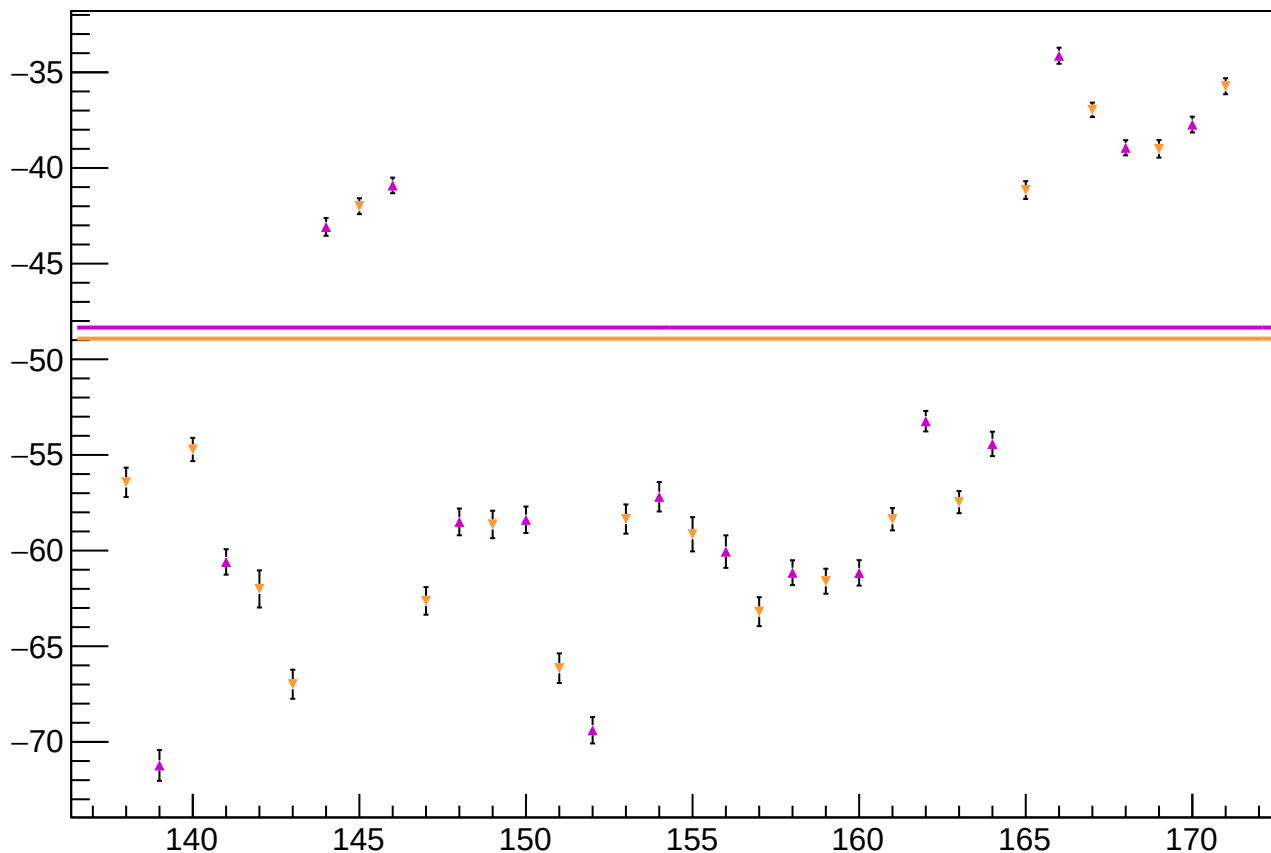
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.823 $\pm$ 0.100 χ^2 /NDF:355.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.568 $\pm$ 0.102 χ^2 /NDF:581.5/15

Left: 4.698 $\pm$ 0.071 χ^2 /NDF: 939.9/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.568 $\pm$ 0.102 χ^2 /NDF:581.5/15
 Out: 4.823 $\pm$ 0.100 χ^2 /NDF:355.2/17
 All: 4.698 $\pm$ 0.071 χ^2 /NDF: 939.9/33

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Left: -48.635+/-0.097 χ^2/NDF : 13102.6/33

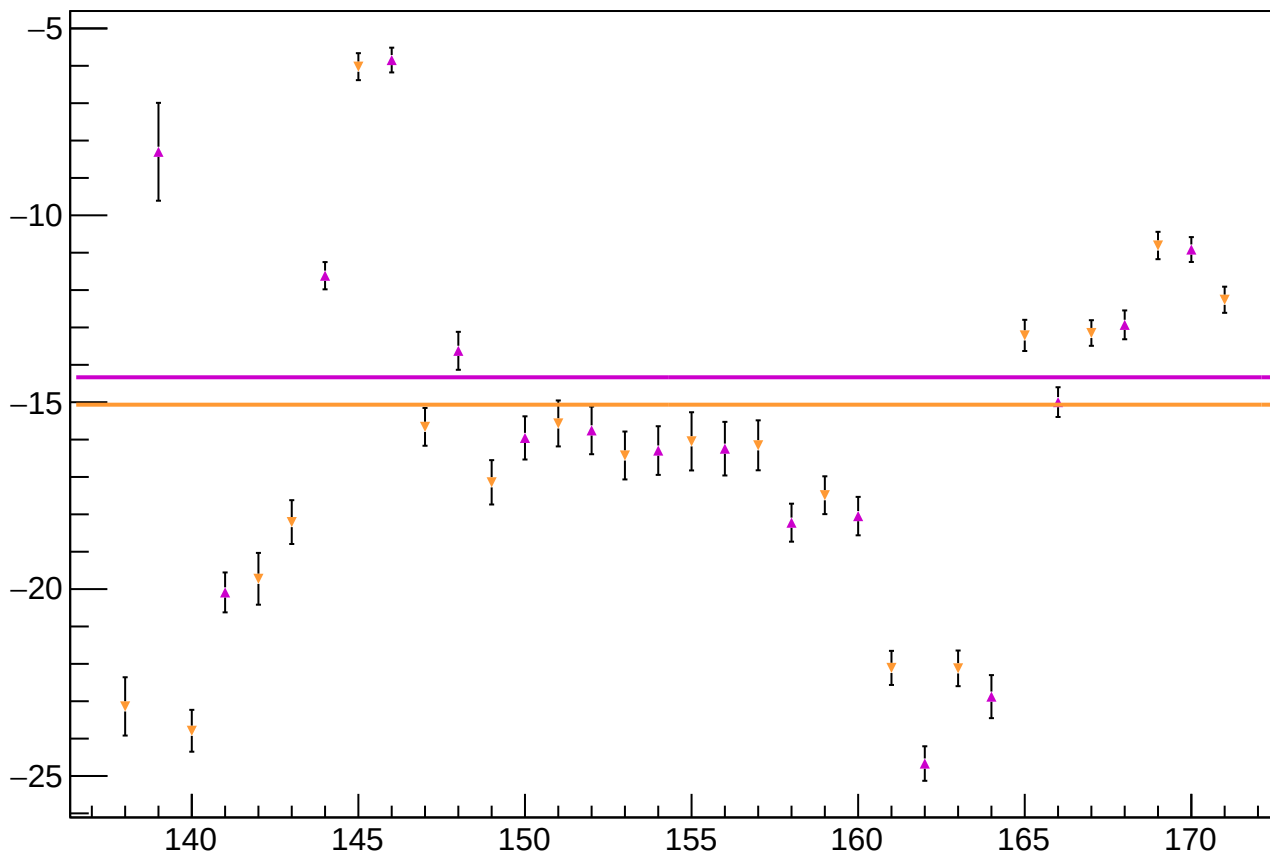
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.342+/-0.138 χ^2/NDF : 6581.3/15

Out: -48.920+/-0.136 χ^2/NDF : 6512.5/17

All: -48.635+/-0.097 χ^2/NDF : 13102.6/33

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.066+/-0.115 χ^2/NDF :1805.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.333+/-0.118 χ^2/NDF :1833.9/15

Left: -14.711+/-0.082 χ^2/NDF : 3659.5/33

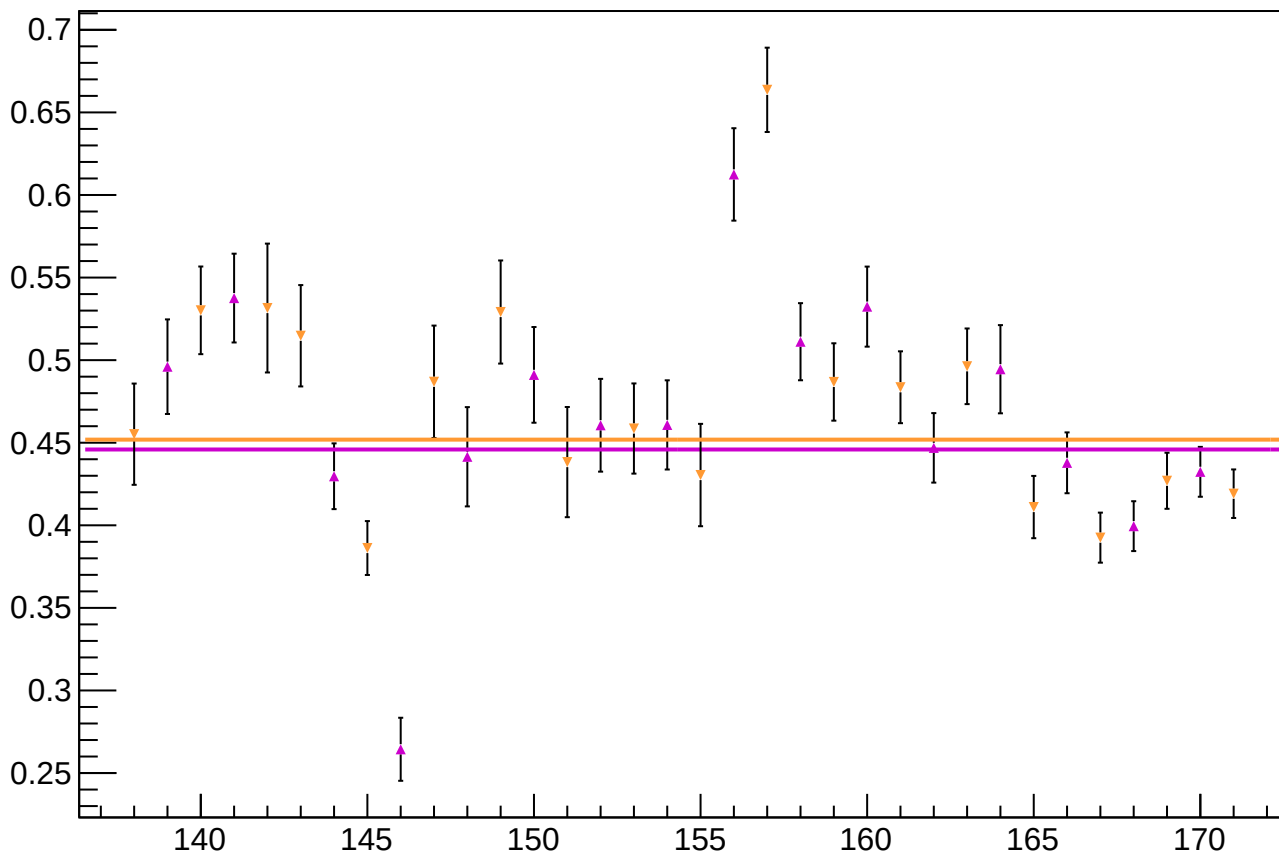
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.333+/-0.118 χ^2/NDF :1833.9/15

Out: -15.066+/-0.115 χ^2/NDF :1805.7/17

All: -14.711+/-0.082 χ^2/NDF : 3659.5/33

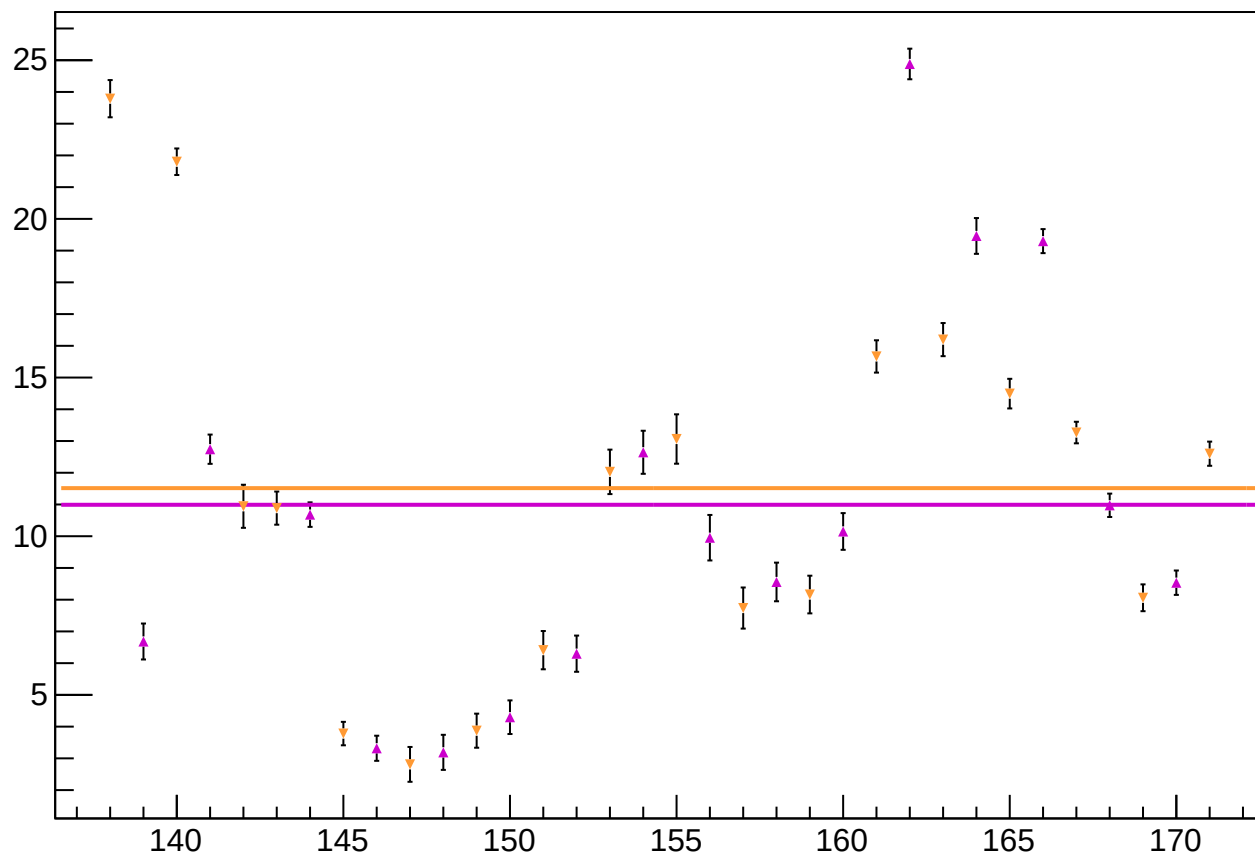
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.452 $\pm$ 0.005 χ^2 /NDF:145.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15

Left: 0.449 $\pm$ 0.004 χ^2 /NDF: 324.4/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.446 $\pm$ 0.006 χ^2 /NDF:178.6/15
 Out: 0.452 $\pm$ 0.005 χ^2 /NDF:145.2/17
 All: 0.449 $\pm$ 0.004 χ^2 /NDF: 324.4/33

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 11.515 $\pm$ 0.117 χ^2 /NDF:2367.8/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 10.991 $\pm$ 0.120 χ^2 /NDF:2479.3/15

Left: 11.261 $\pm$ 0.084 χ^2 /NDF: 4856.9/33

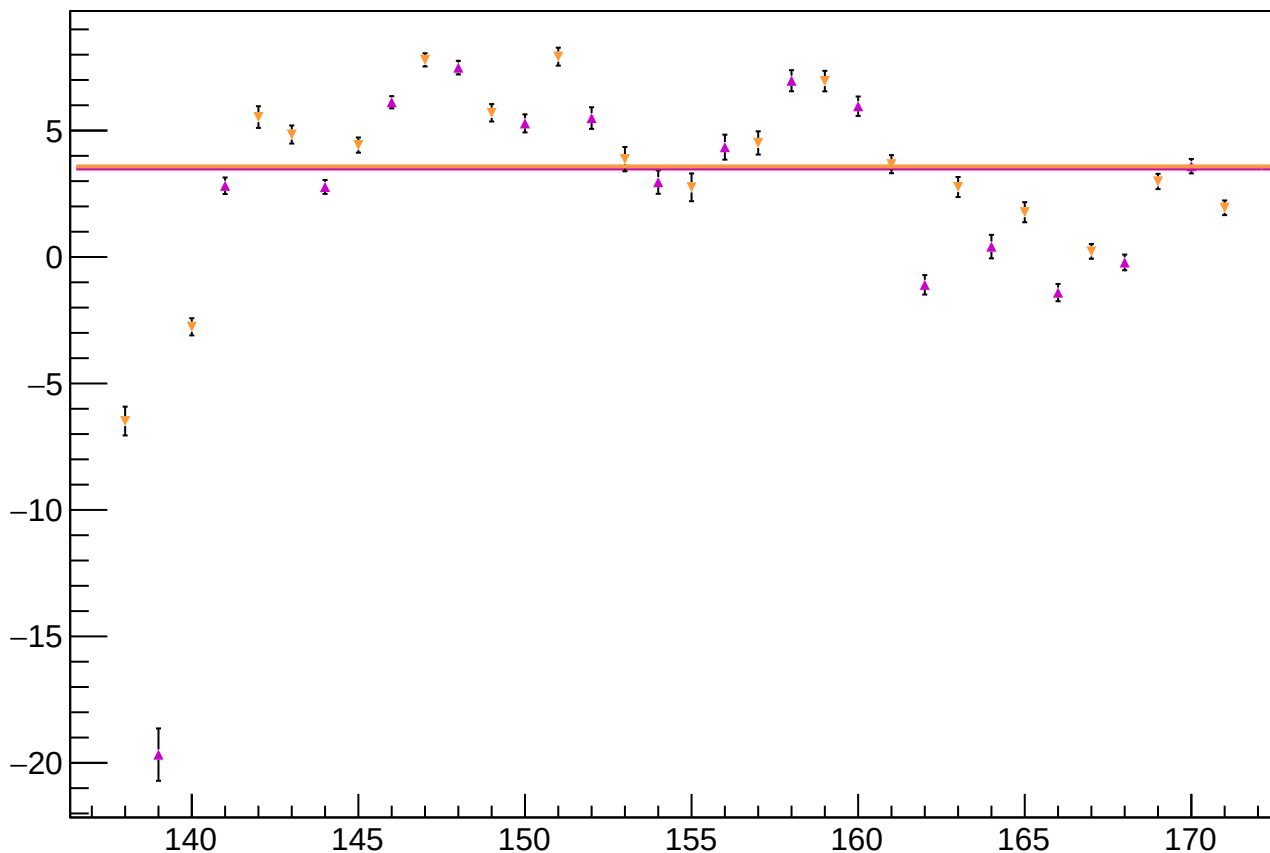
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 10.991 $\pm$ 0.120 χ^2 /NDF:2479.3/15

Out: 11.515 $\pm$ 0.117 χ^2 /NDF:2367.8/17

All: 11.261 $\pm$ 0.084 χ^2 /NDF: 4856.9/33

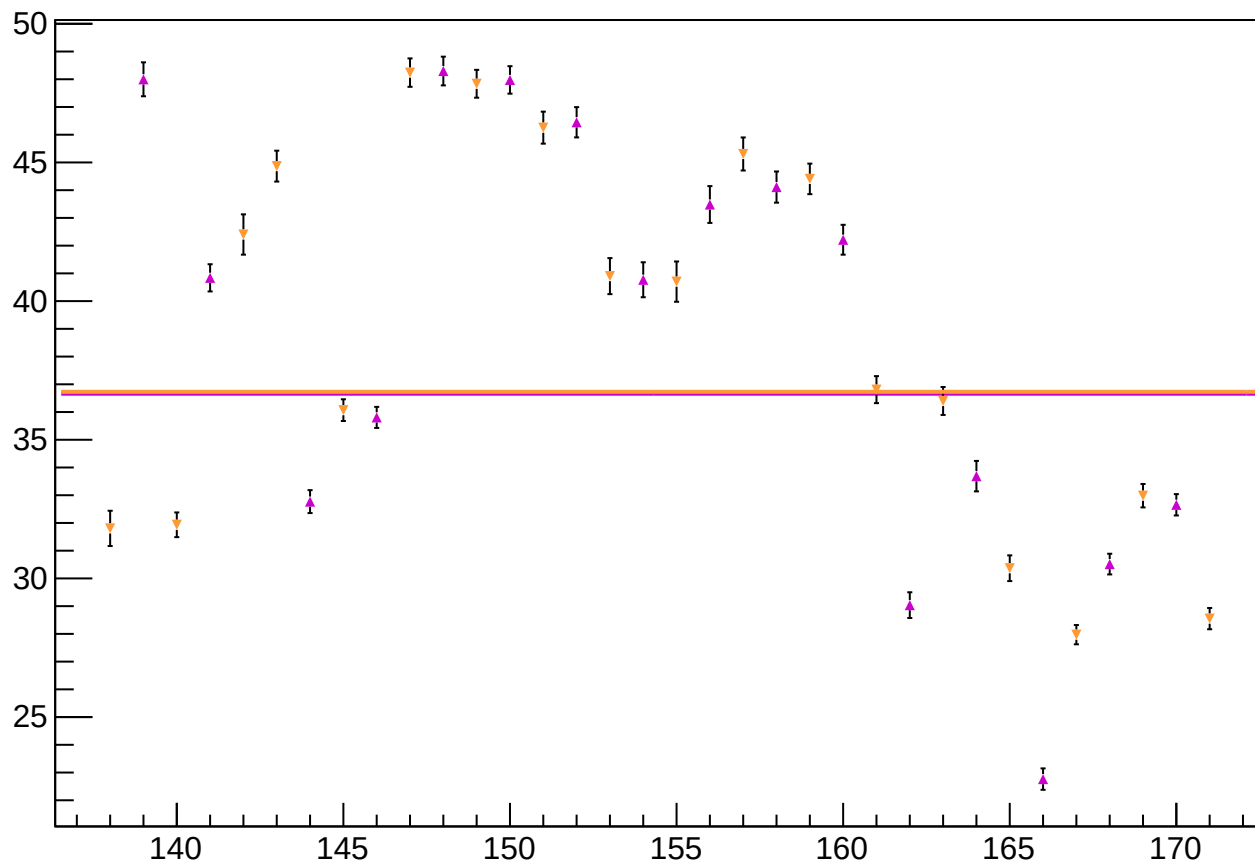
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15

Left: 3.543 $\pm$ 0.061 χ^2 /NDF: 2966.7/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.502 $\pm$ 0.087 χ^2 /NDF:1545.3/15
 Out: 3.582 $\pm$ 0.084 χ^2 /NDF:1421.0/17
 All: 3.543 $\pm$ 0.061 χ^2 /NDF: 2966.7/33

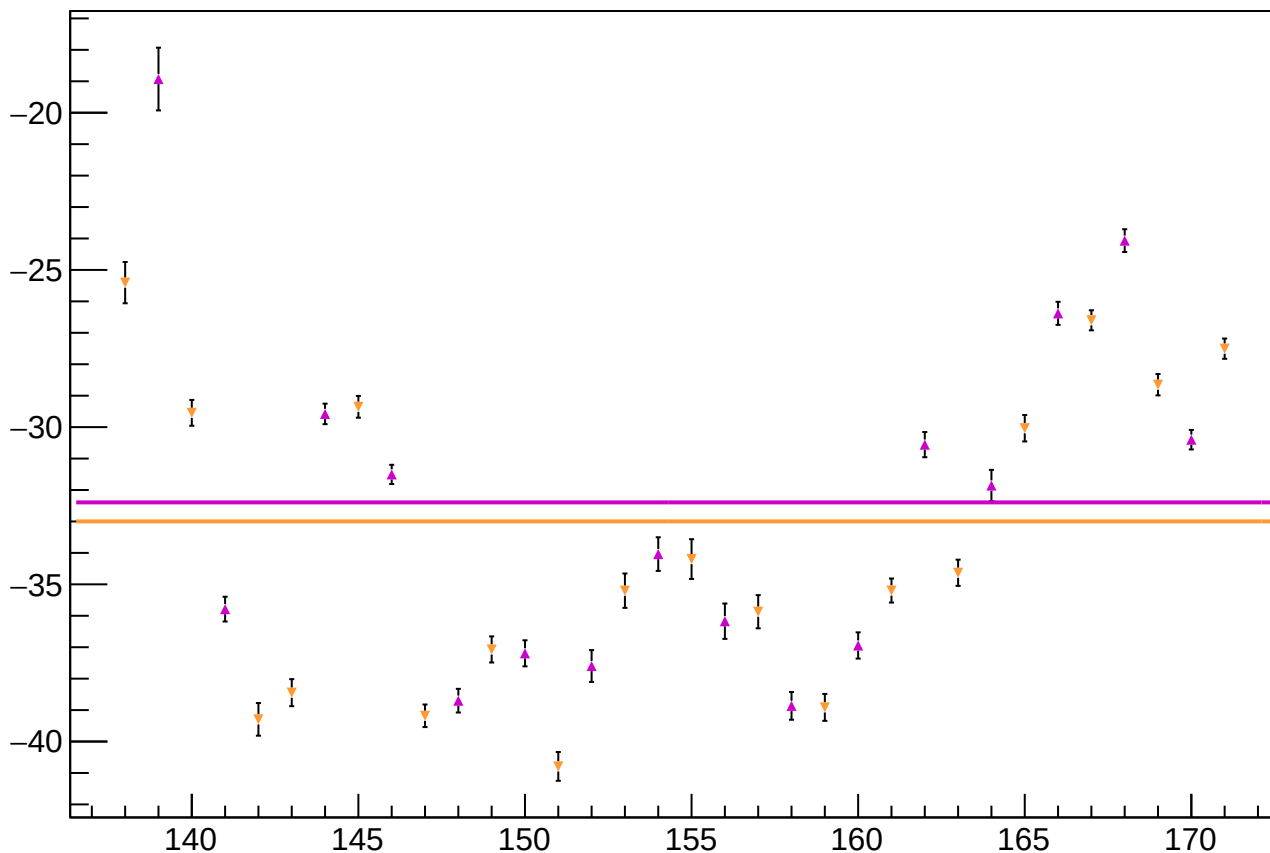
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 36.661 $\pm$ 0.119 χ^2 /NDF:4263.1/15

Left: 36.696 $\pm$ 0.083 χ^2 /NDF: 7811.7/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 36.661 $\pm$ 0.119 χ^2 /NDF:4263.1/15
 Out: 36.730 $\pm$ 0.116 χ^2 /NDF:3548.4/17
 All: 36.696 $\pm$ 0.083 χ^2 /NDF: 7811.7/33

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Left: -32.707+/-0.070 χ^2/NDF : 4631.3/33

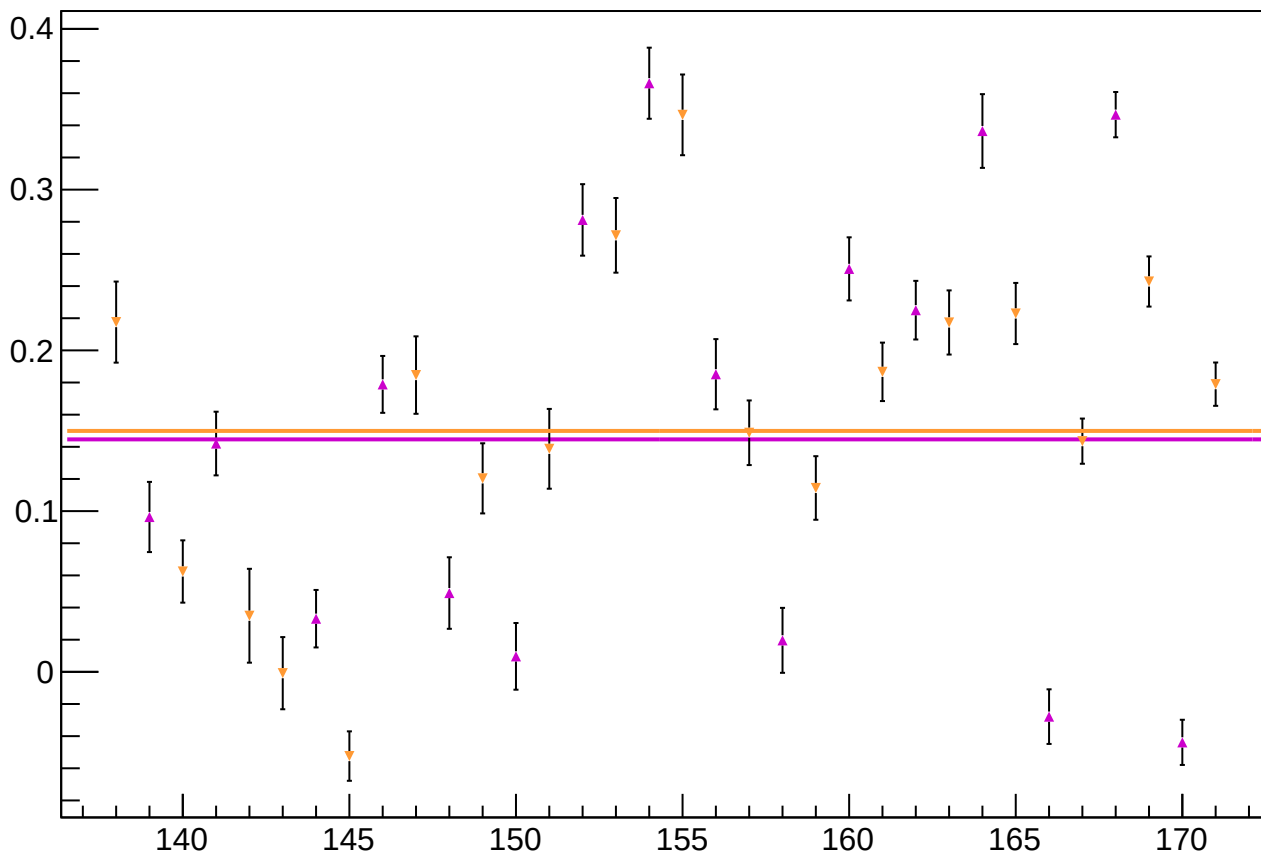
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.393+/-0.101 χ^2/NDF :2109.8/15

Out: -32.998+/-0.097 χ^2/NDF :2502.9/17

All: -32.707+/-0.070 χ^2/NDF : 4631.3/33

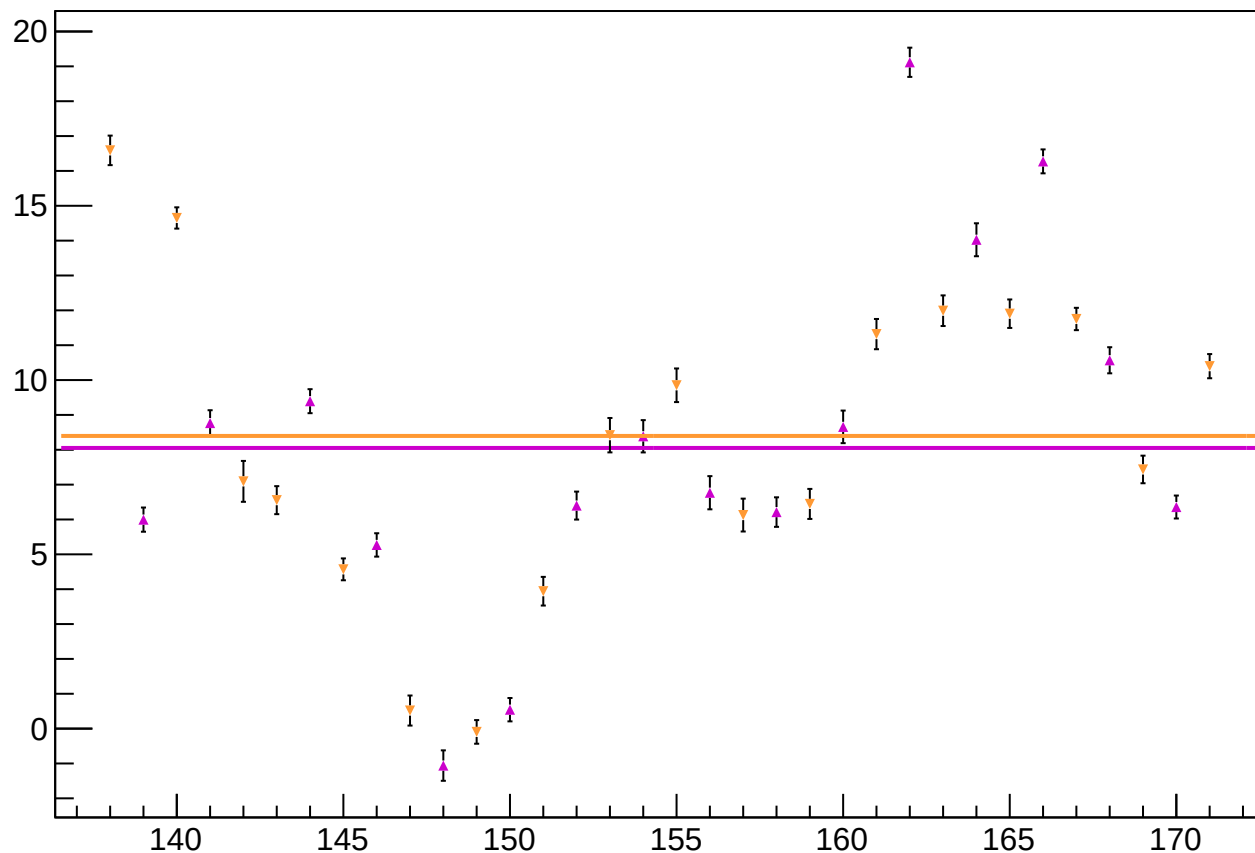
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15

Left: 0.147 $\pm$ 0.003 χ^2 /NDF: 1323.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.145 $\pm$ 0.005 χ^2 /NDF:895.1/15
 Out: 0.150 $\pm$ 0.005 χ^2 /NDF:427.8/17
 All: 0.147 $\pm$ 0.003 χ^2 /NDF: 1323.5/33

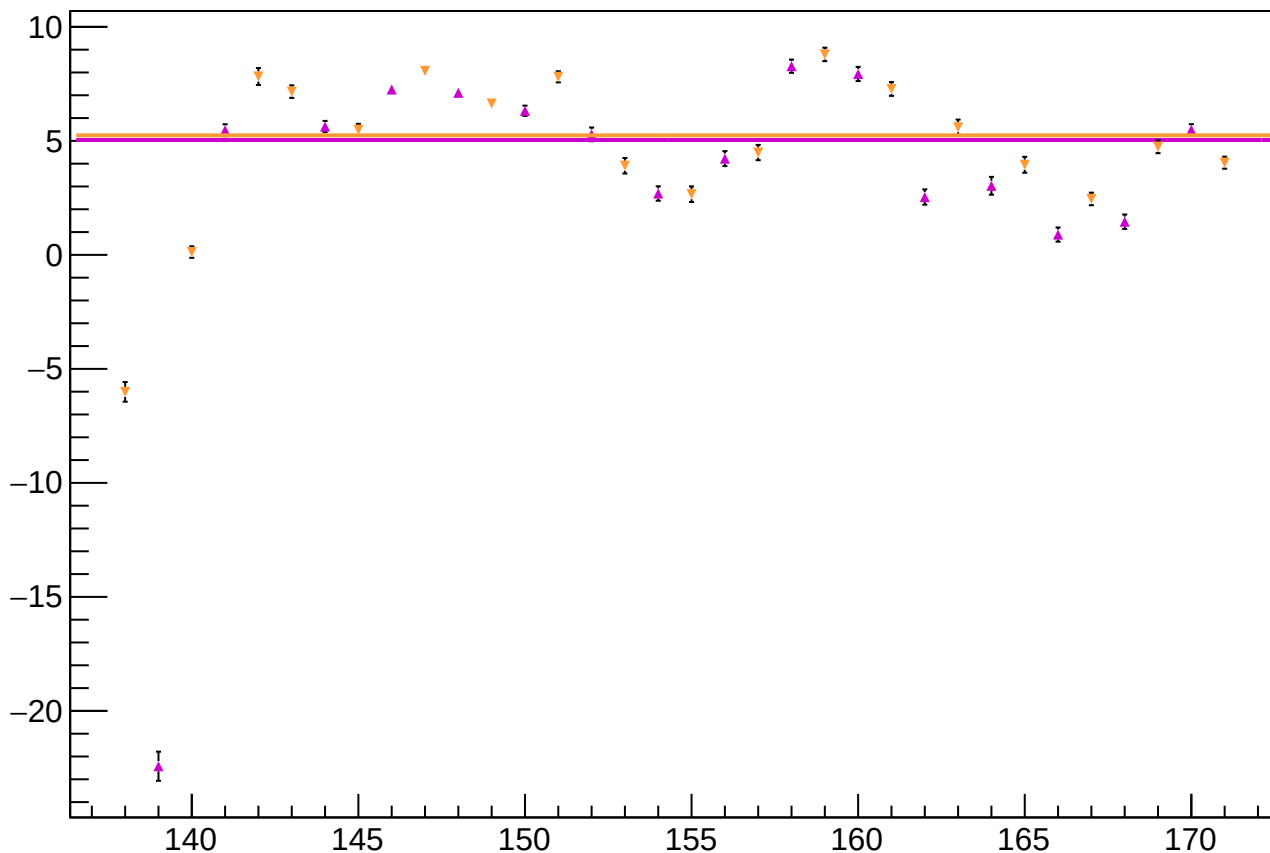
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15

Left: 8.230 $\pm$ 0.067 χ^2 /NDF: 5047.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.052 $\pm$ 0.096 χ^2 /NDF:2606.8/15
 Out: 8.397 $\pm$ 0.093 χ^2 /NDF:2434.1/17
 All: 8.230 $\pm$ 0.067 χ^2 /NDF: 5047.5/33

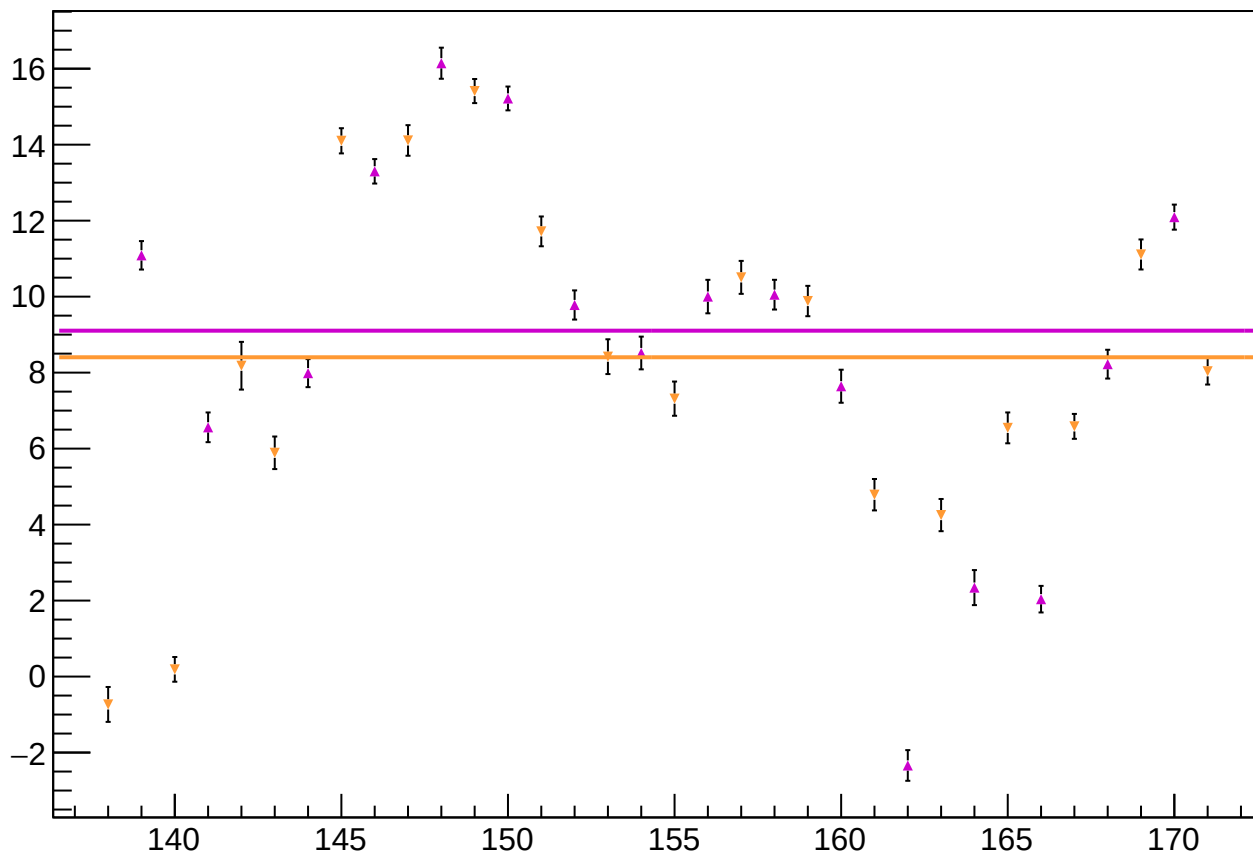
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15

Left: 5.145 $\pm$ 0.049 χ^2 /NDF: 4687.8/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.037 $\pm$ 0.071 χ^2 /NDF:2751.1/15
 Out: 5.242 $\pm$ 0.067 χ^2 /NDF:1932.3/17
 All: 5.145 $\pm$ 0.049 χ^2 /NDF: 4687.8/33

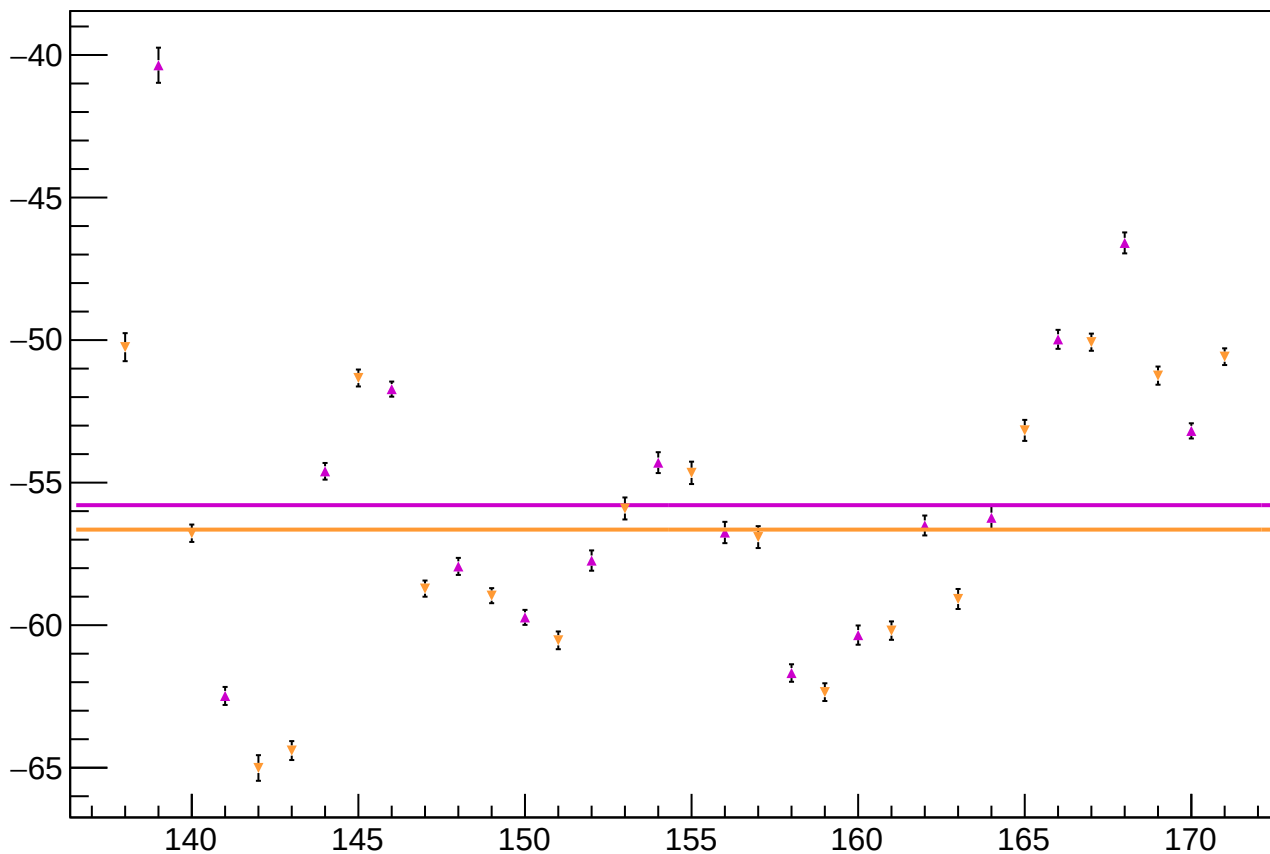
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.404+/-0.093 χ^2/NDF :2438.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.104+/-0.095 χ^2/NDF :2465.9/15

Left: 8.746+/-0.066 χ^2/NDF : 4932.5/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.104+/-0.095 χ^2/NDF :2465.9/15
 Out: 8.404+/-0.093 χ^2/NDF :2438.7/17
 All: 8.746+/-0.066 χ^2/NDF : 4932.5/33

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -56.647+/-0.078 χ^2/NDF : 3483.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Left: -56.239+/-0.056 χ^2/NDF : 6778.9/33

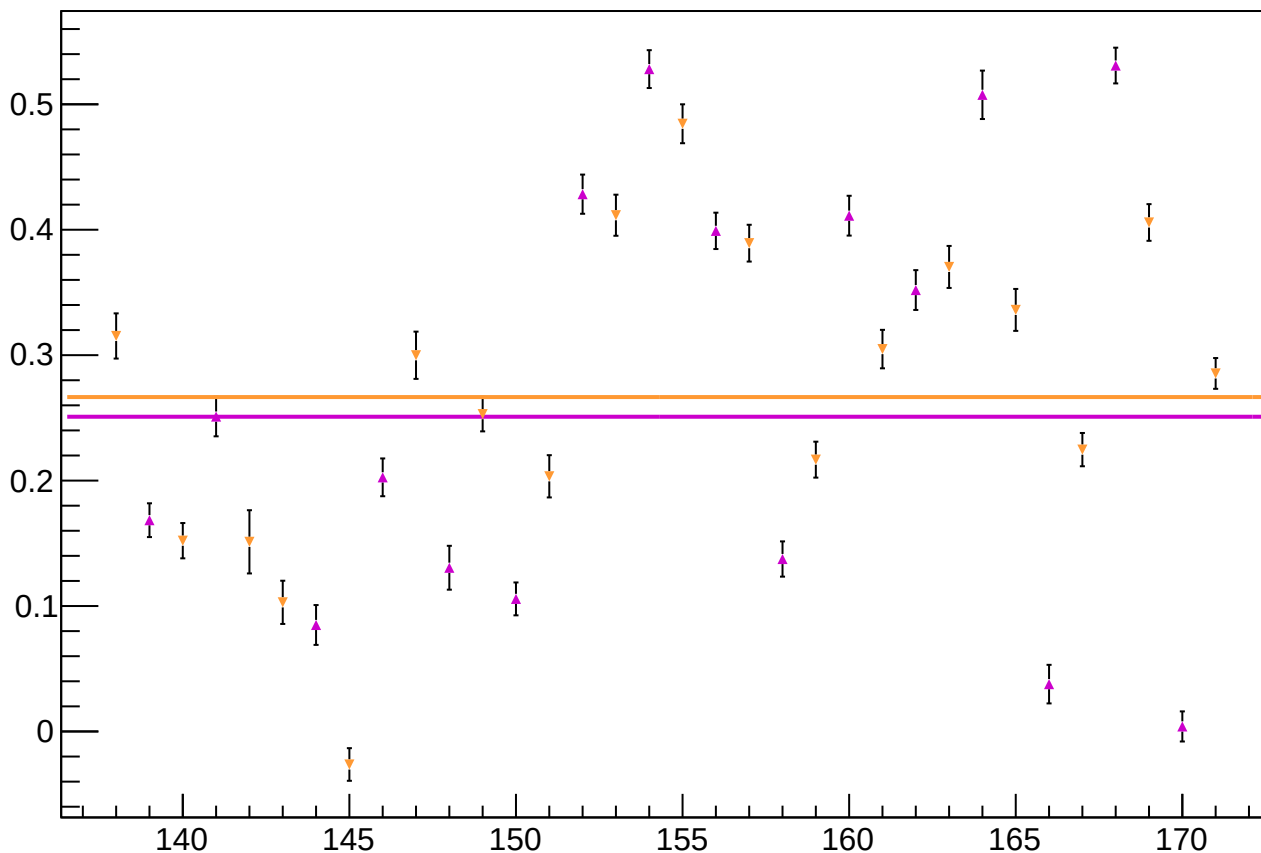
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.790+/-0.081 χ^2/NDF : 3237.9/15

Out: -56.647+/-0.078 χ^2/NDF : 3483.1/17

All: -56.239+/-0.056 χ^2/NDF : 6778.9/33

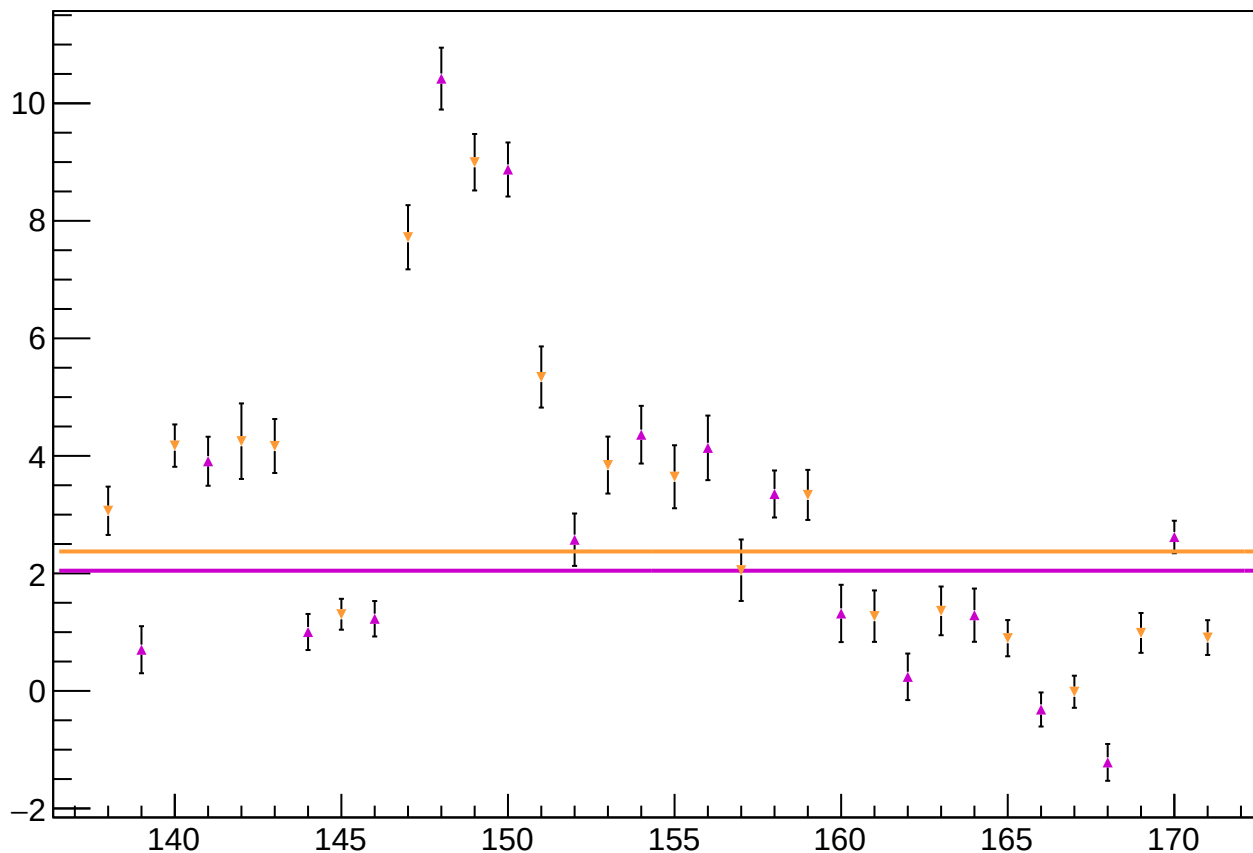
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.267 $\pm$ 0.004 χ^2 /NDF:1232.2/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15

Left: 0.259 $\pm$ 0.003 χ^2 /NDF: 3525.5/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.251 $\pm$ 0.004 χ^2 /NDF:2284.1/15
 Out: 0.267 $\pm$ 0.004 χ^2 /NDF:1232.2/17
 All: 0.259 $\pm$ 0.003 χ^2 /NDF: 3525.5/33

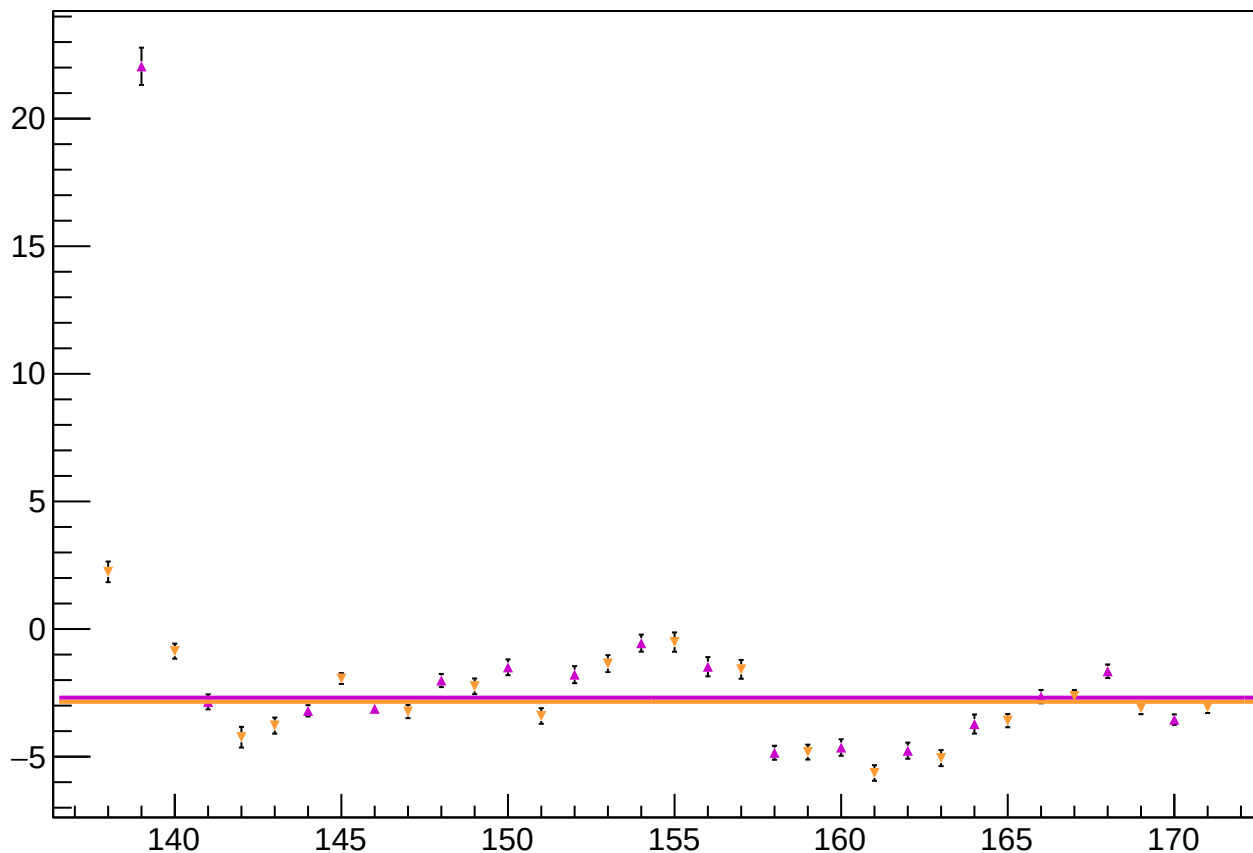
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15

Left: 2.215 $\pm$ 0.066 χ^2 /NDF: 1342.6/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.046 $\pm$ 0.095 χ^2 /NDF:776.9/15
 Out: 2.373 $\pm$ 0.092 χ^2 /NDF:559.5/17
 All: 2.215 $\pm$ 0.066 χ^2 /NDF: 1342.6/33

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

Left: -2.773 $\pm$ 0.049 χ^2 /NDF: 1932.7/33

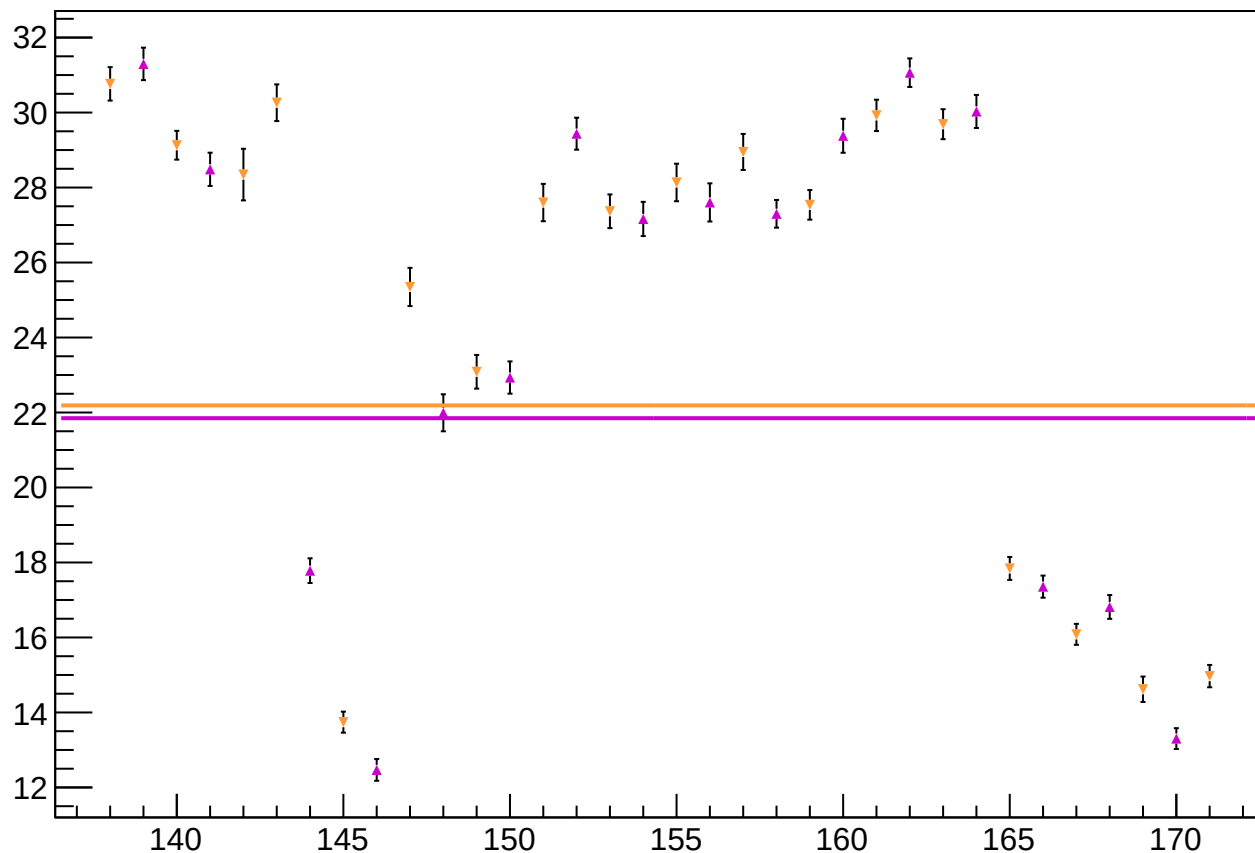
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.689 $\pm$ 0.070 χ^2 /NDF:1418.0/15

Out: -2.852 $\pm$ 0.068 χ^2 /NDF:511.9/17

All: -2.773 $\pm$ 0.049 χ^2 /NDF: 1932.7/33

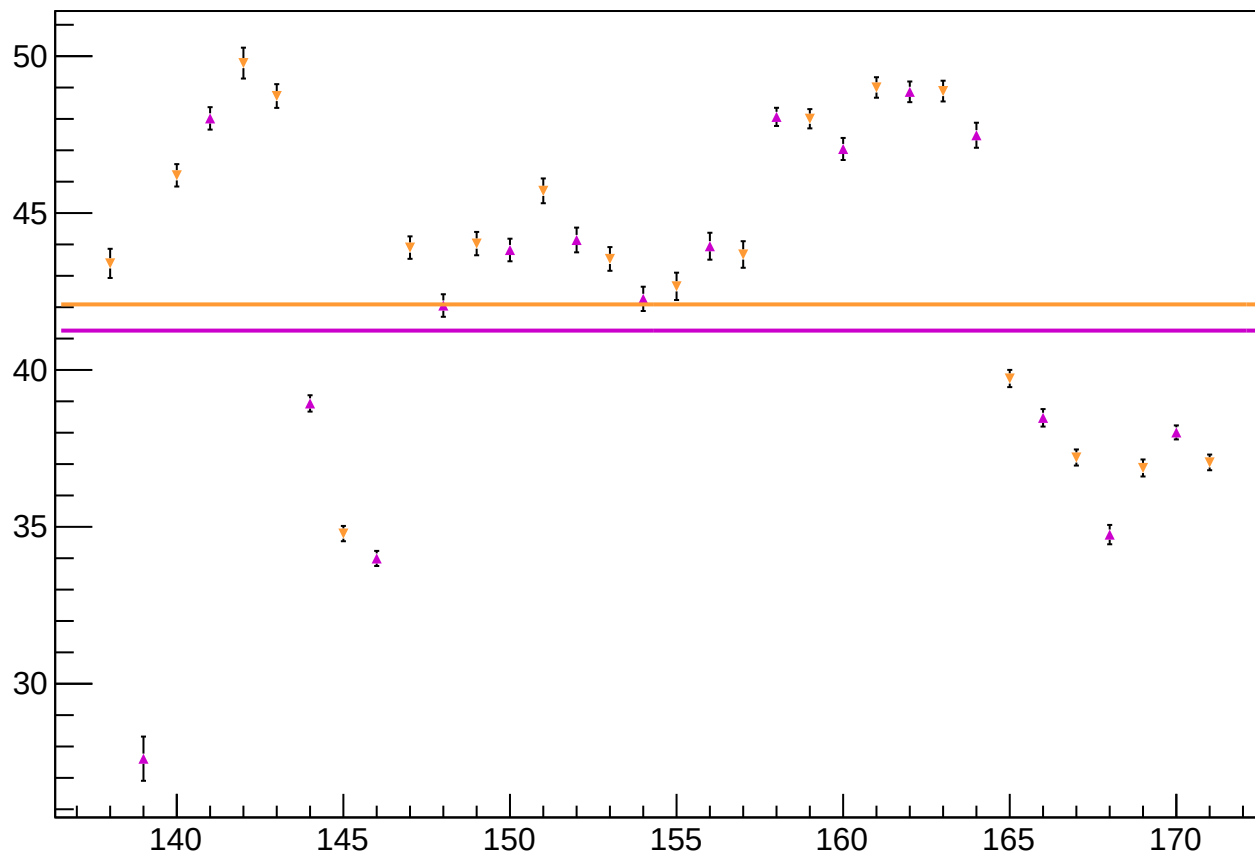
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 22.189+/-0.092 χ^2/NDF :5230.6/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.848+/-0.094 χ^2/NDF :5343.7/15

Left: 22.022+/-0.066 χ^2/NDF : 10581.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.848+/-0.094 χ^2/NDF :5343.7/15
 Out: 22.189+/-0.092 χ^2/NDF :5230.6/17
 All: 22.022+/-0.066 χ^2/NDF : 10581.1/33

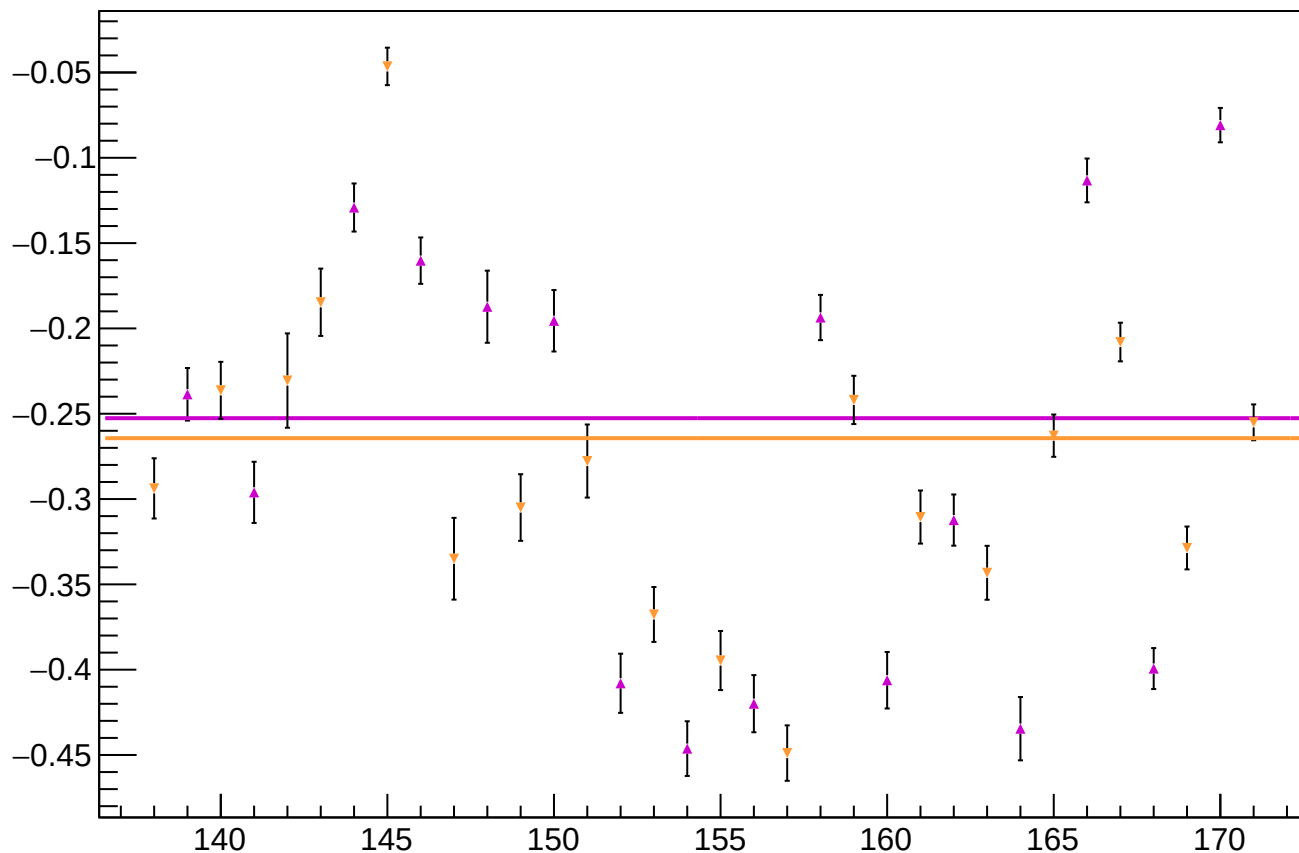
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 42.089+/-0.077 χ^2/NDF :4210.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.254+/-0.080 χ^2/NDF :4235.7/15

Left: 41.687+/-0.056 χ^2/NDF : 8502.4/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.254+/-0.080 χ^2/NDF :4235.7/15
 Out: 42.089+/-0.077 χ^2/NDF :4210.7/17
 All: 41.687+/-0.056 χ^2/NDF : 8502.4/33

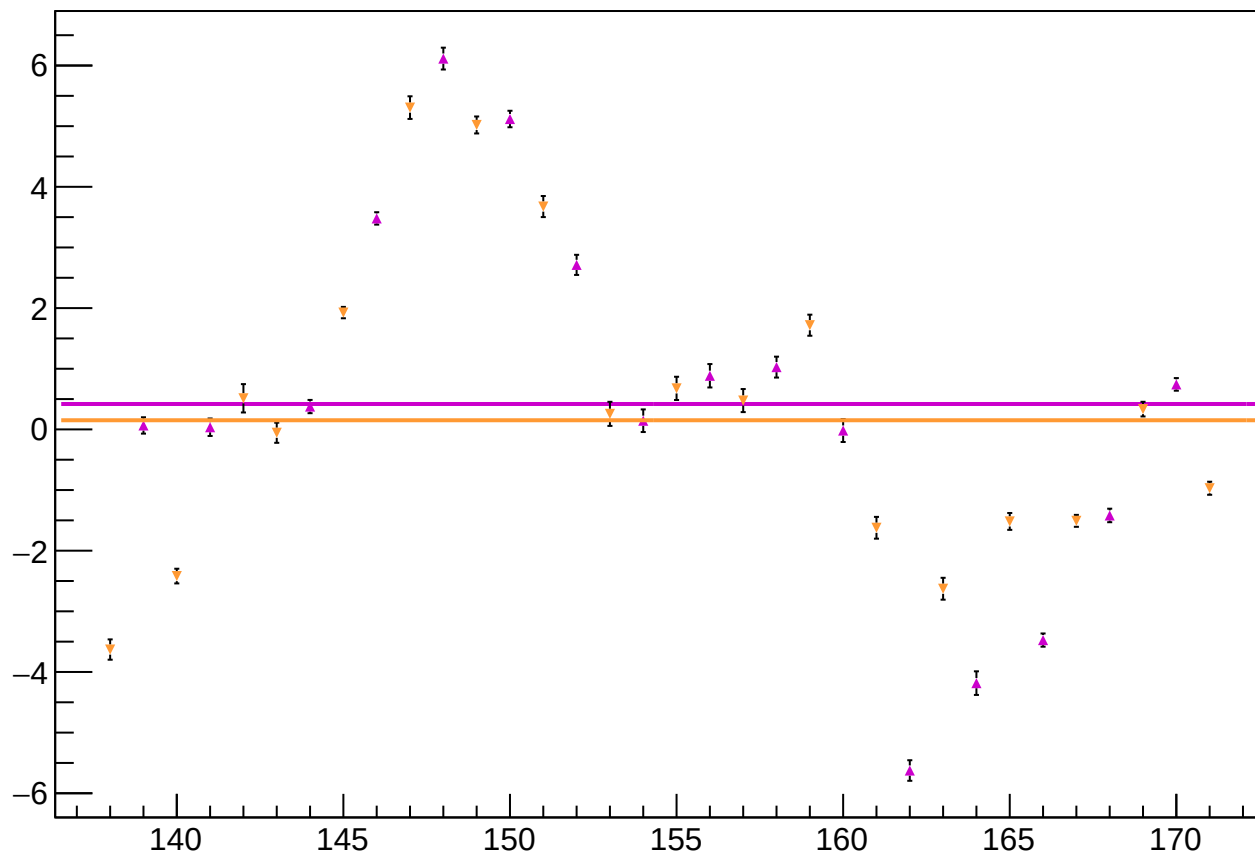
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.264+/-0.004 χ^2/NDF : 745.2/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.253+/-0.004 χ^2/NDF : 1250.8/15

Left: -0.259+/-0.003 χ^2/NDF : 2001.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.253+/-0.004 χ^2/NDF : 1250.8/15
 Out: -0.264+/-0.004 χ^2/NDF : 745.2/17
 All: -0.259+/-0.003 χ^2/NDF : 2001.2/33

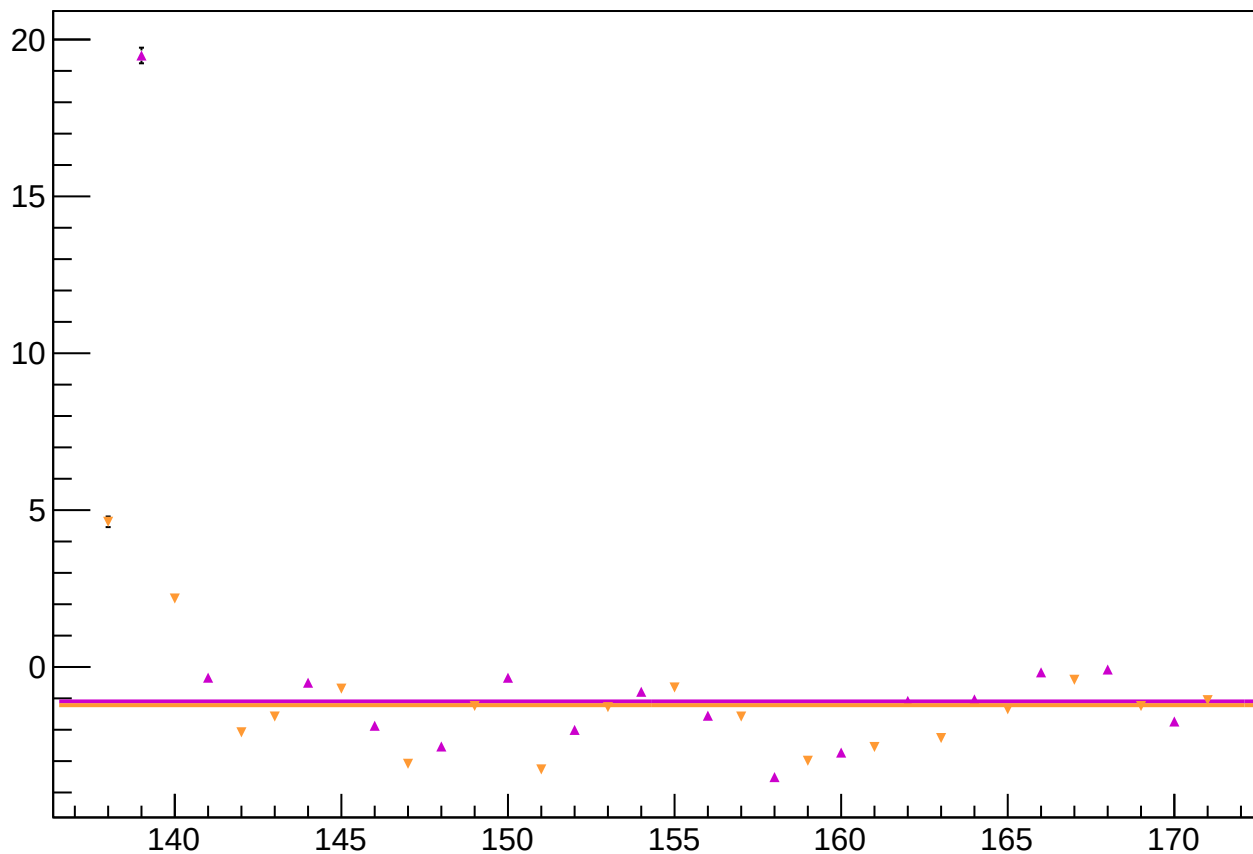
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.151+/-0.034 χ^2/NDF : 4669.9/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.419+/-0.035 χ^2/NDF : 6709.5/15

Left: 0.282+/-0.024 χ^2/NDF : 11410.2/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.419+/-0.035 χ^2/NDF : 6709.5/15
 Out: 0.151+/-0.034 χ^2/NDF : 4669.9/17
 All: 0.282+/-0.024 χ^2/NDF : 11410.2/33

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



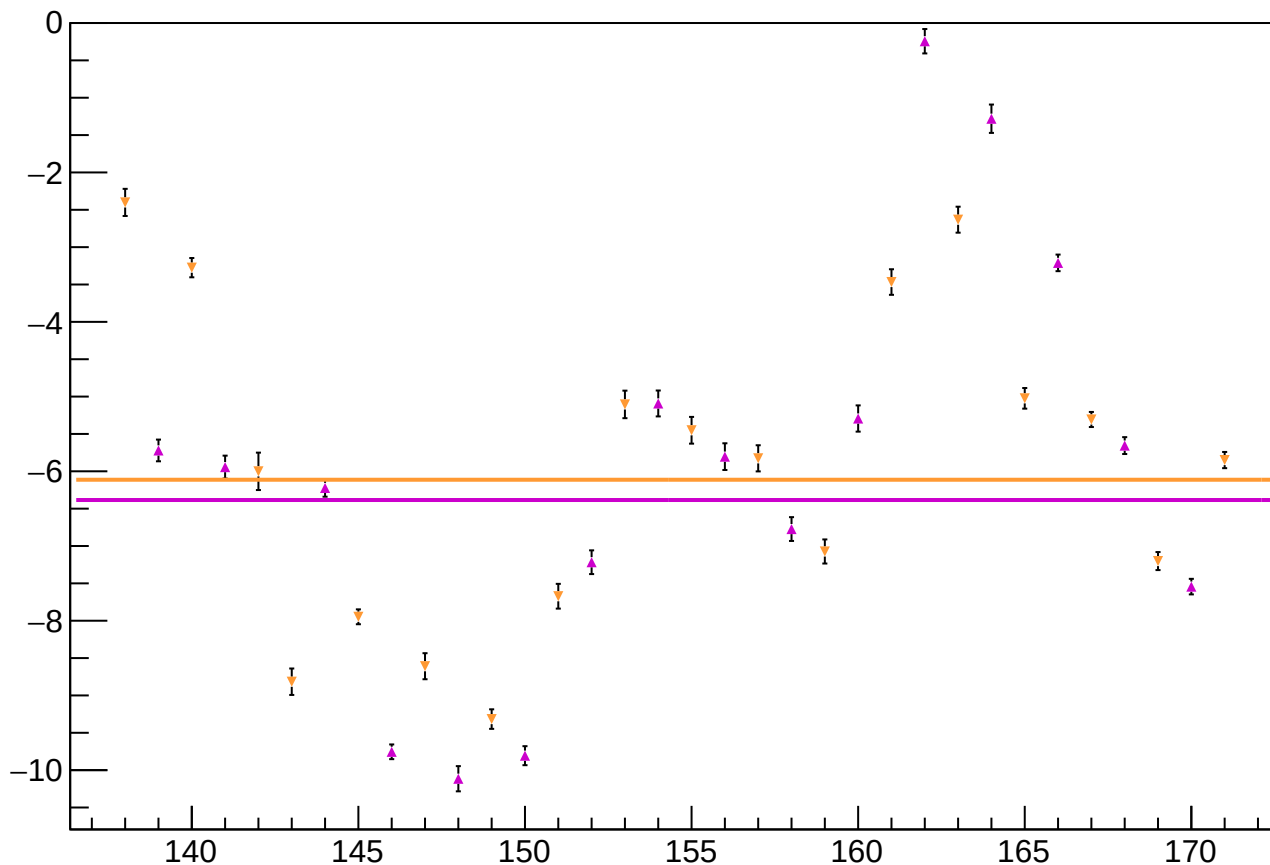
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.098+/-0.026 χ^2/NDF : 8327.9/15

Left: -1.159+/-0.018 χ^2/NDF : 12124.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.098+/-0.026 χ^2/NDF : 8327.9/15
 Out: -1.218+/-0.025 χ^2/NDF : 3785.0/17

All: -1.159+/-0.018 χ^2/NDF : 12124.1/33

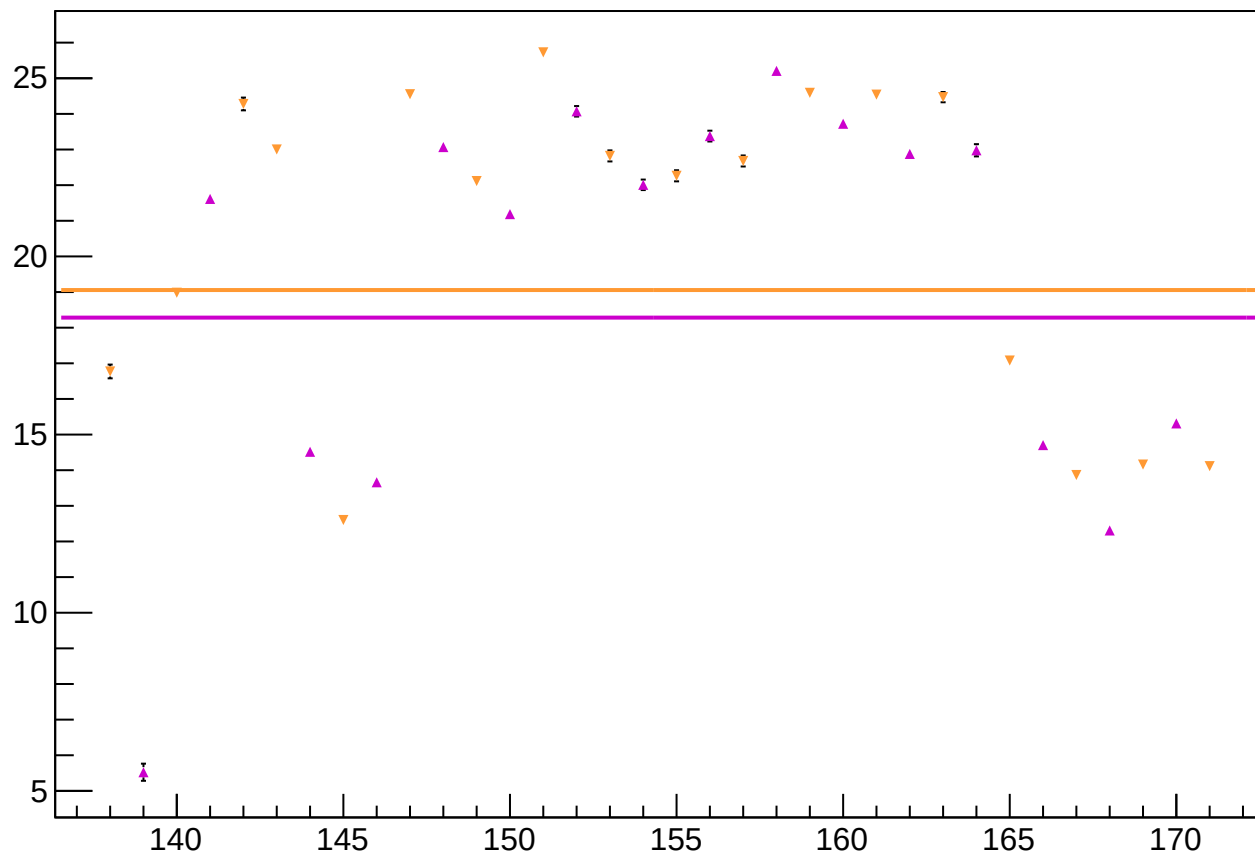
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15

Left: -6.248 $\pm$ 0.024 χ^2 /NDF: 9008.3/33
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.384 $\pm$ 0.034 χ^2 /NDF:5674.8/15
 Out: -6.113 $\pm$ 0.034 χ^2 /NDF:3301.8/17
 All: -6.248 $\pm$ 0.024 χ^2 /NDF: 9008.3/33

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 19.056+/-0.029 χ^2/NDF :28036.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 18.282+/-0.029 χ^2/NDF :25720.8/15

Left: 18.680+/-0.021 χ^2/NDF : 54111.7/33

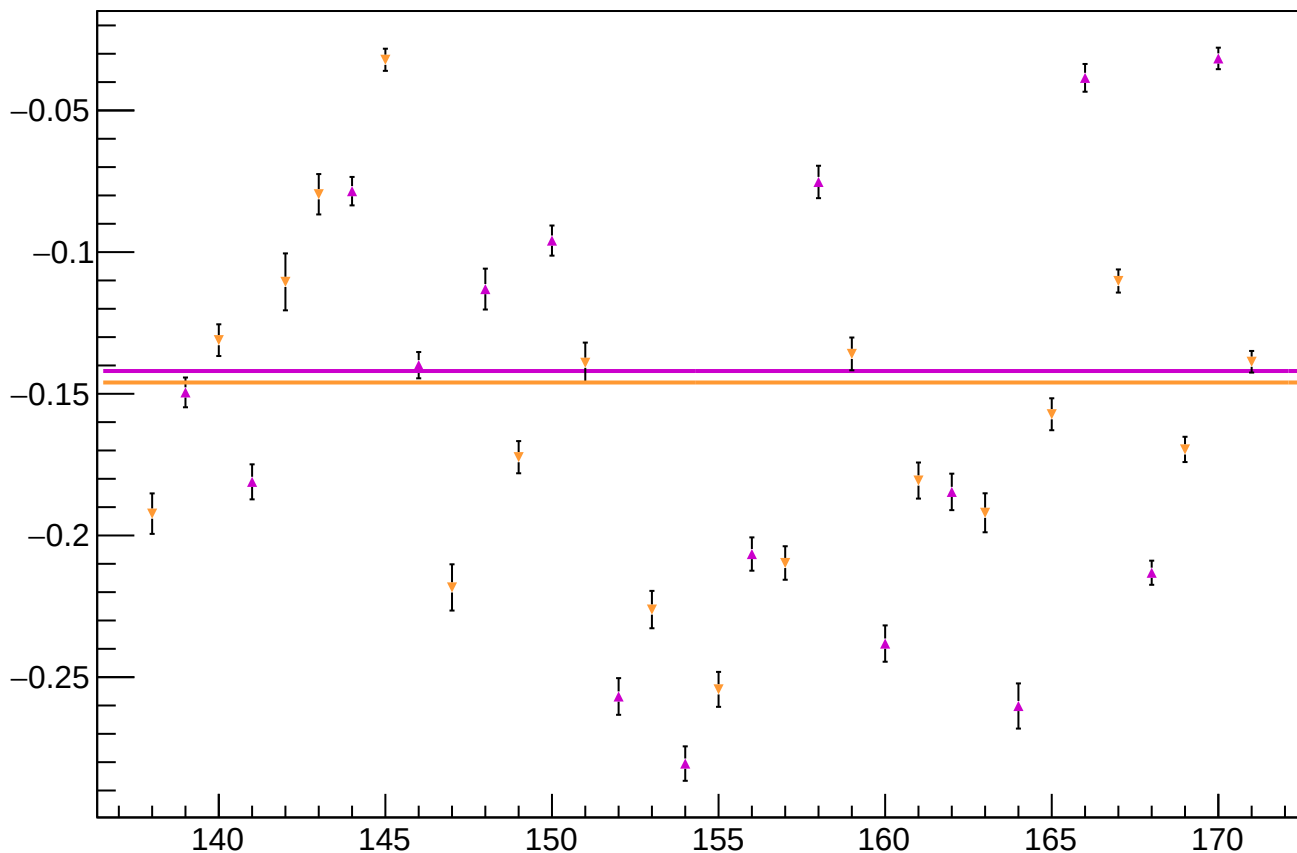
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 18.282+/-0.029 χ^2/NDF :25720.8/15

Out: 19.056+/-0.029 χ^2/NDF :28036.7/17

All: 18.680+/-0.021 χ^2/NDF : 54111.7/33

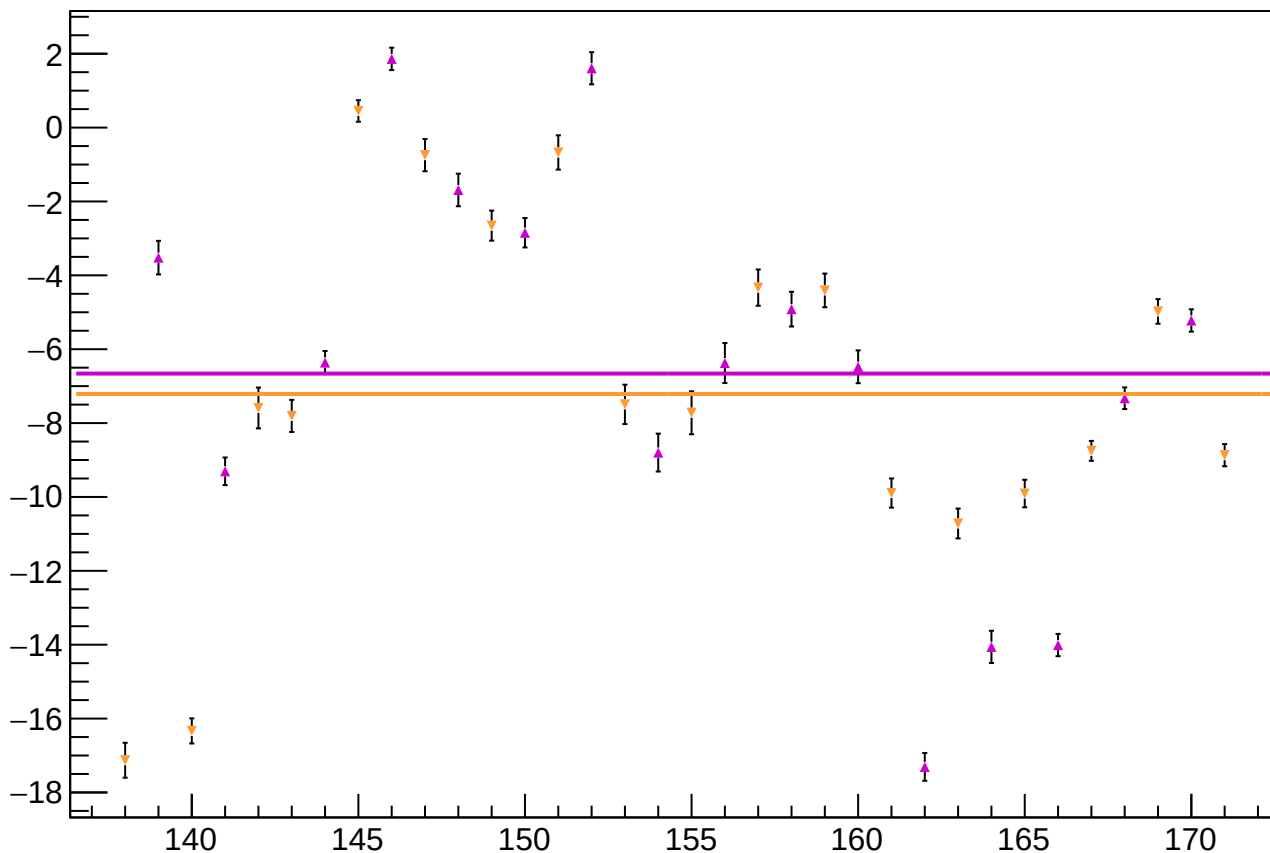
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.146+/-0.001 χ^2/NDF :1860.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.142+/-0.001 χ^2/NDF :3444.0/15

Left: -0.144+/-0.001 χ^2/NDF : 5309.3/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.142+/-0.001 χ^2/NDF :3444.0/15
 Out: -0.146+/-0.001 χ^2/NDF :1860.7/17
 All: -0.144+/-0.001 χ^2/NDF : 5309.3/33

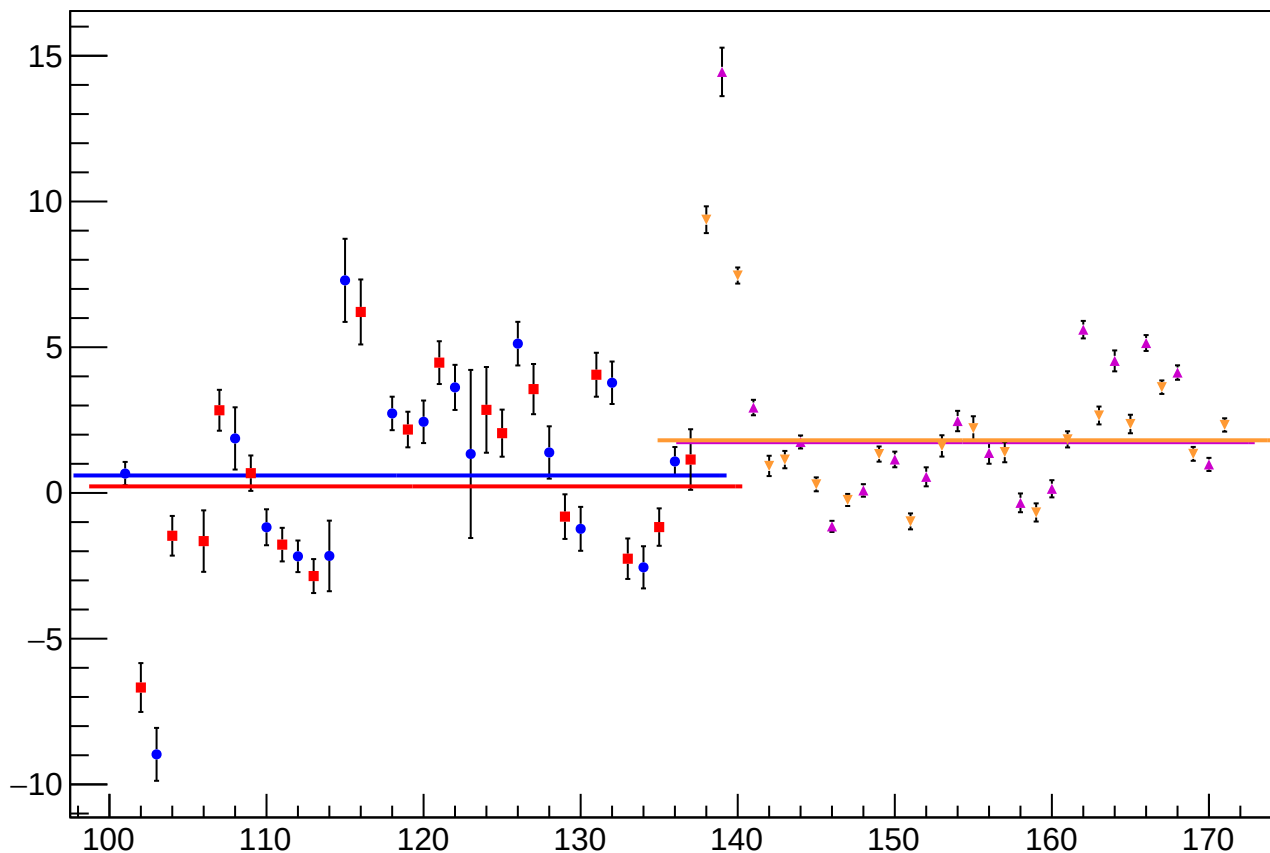
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.212+/-0.092 χ^2/NDF : 2748.8/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.660+/-0.094 χ^2/NDF : 3208.2/15

Left: -6.943+/-0.066 χ^2/NDF : 5974.6/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.660+/-0.094 χ^2/NDF : 3208.2/15
 Out: -7.212+/-0.092 χ^2/NDF : 2748.8/17
 All: -6.943+/-0.066 χ^2/NDF : 5974.6/33

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.807 ± 0.066 χ^2/NDF : 1093.4/17

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.742 ± 0.069 χ^2/NDF : 1122.1/15

Left: 1.775 ± 0.048 χ^2/NDF : 2216.0/33

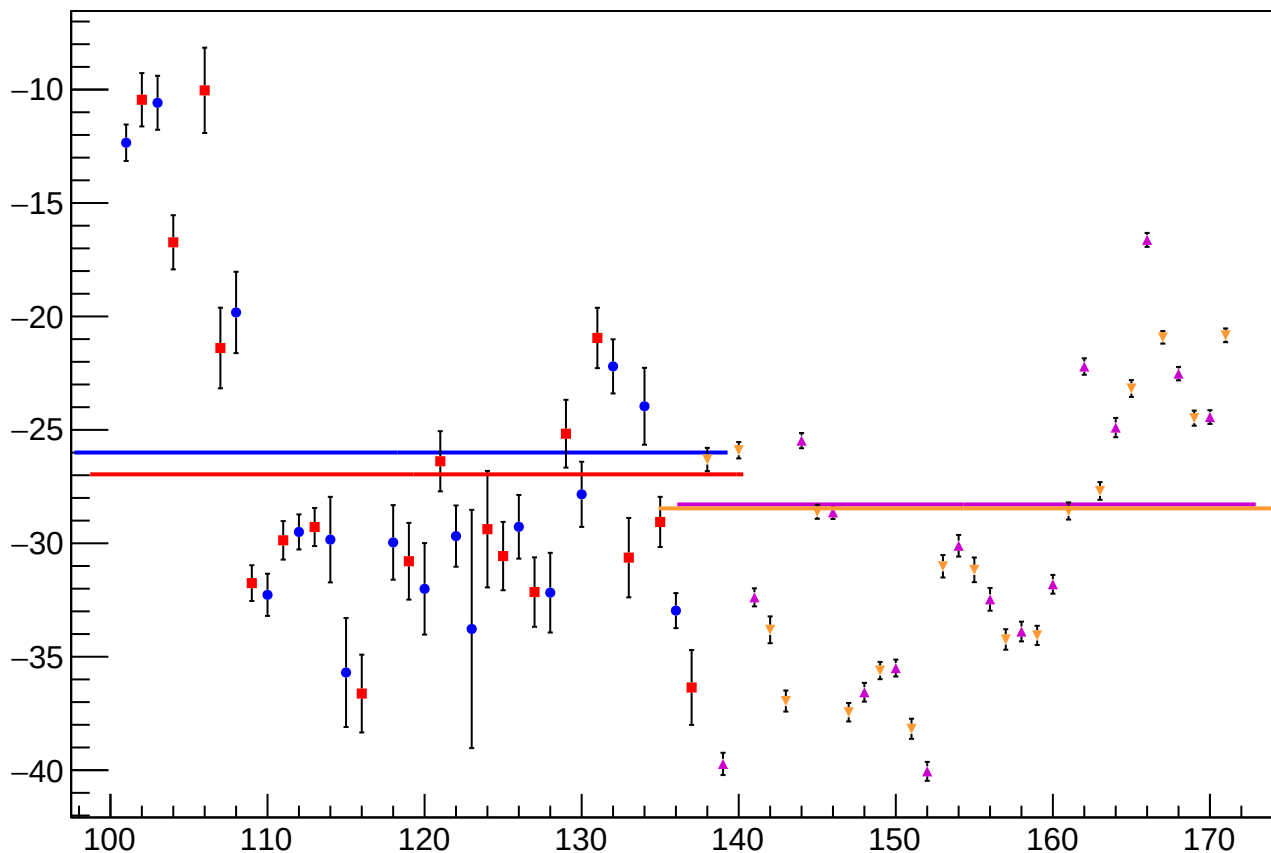
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.581 ± 0.064 χ^2/NDF : 1453.2/32

Out: 1.607 ± 0.062 χ^2/NDF : 1438.2/35

All: 1.594 ± 0.044 χ^2/NDF : 2891.4/68

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -28.460 ± 0.092 χ^2/NDF : 3927.2/17

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -28.287 ± 0.093 χ^2/NDF : 4943.6/15

Left: -28.375 ± 0.065 χ^2/NDF : 8872.6/33

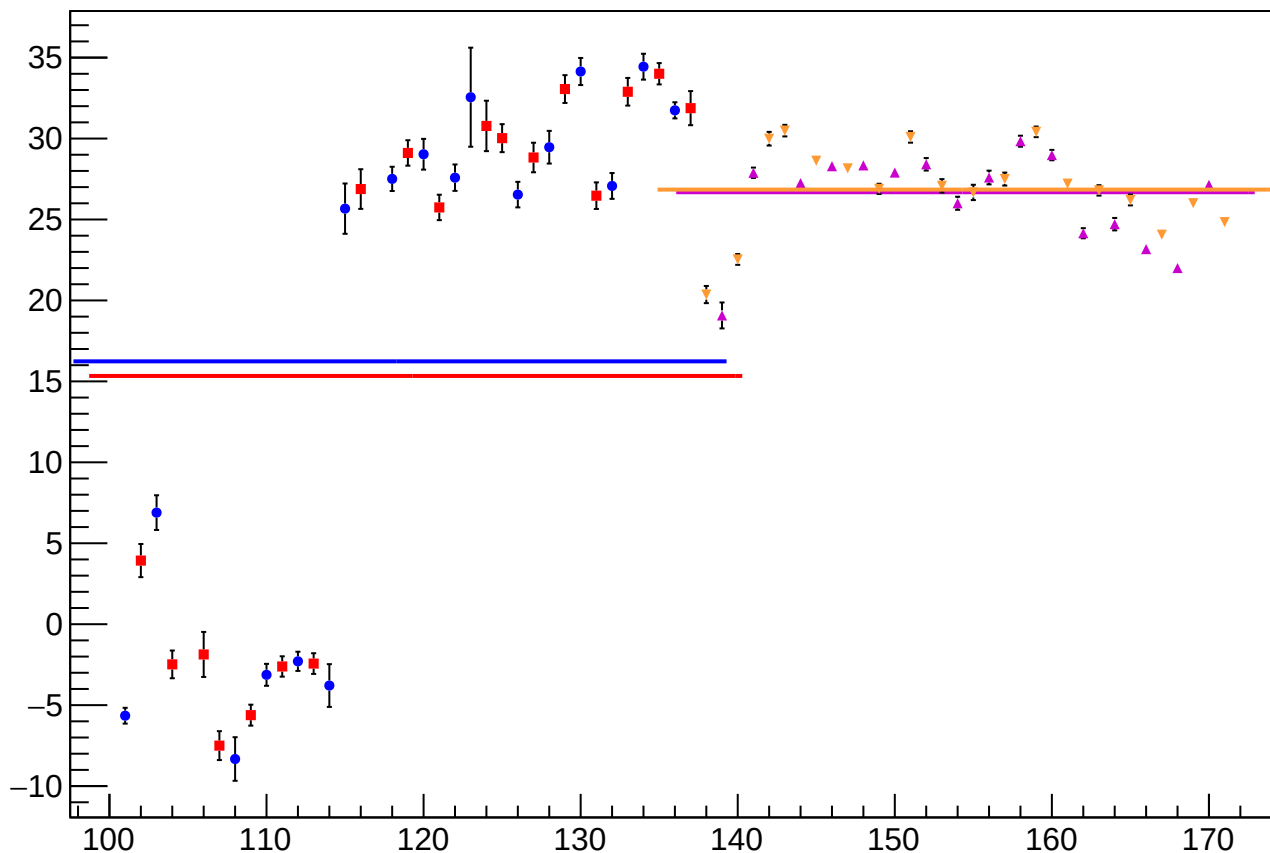
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -28.086 ± 0.089 χ^2/NDF : 5689.2/32

Out: -28.331 ± 0.088 χ^2/NDF : 4485.7/35

All: -28.211 ± 0.062 χ^2/NDF : 10178.8/68

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 26.847 $\pm$ 0.077 χ^2 /NDF: 943.6/17

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.684 $\pm$ 0.079 χ^2 /NDF: 868.3/15

Left: 26.768 $\pm$ 0.055 χ^2 /NDF: 1814.1/33

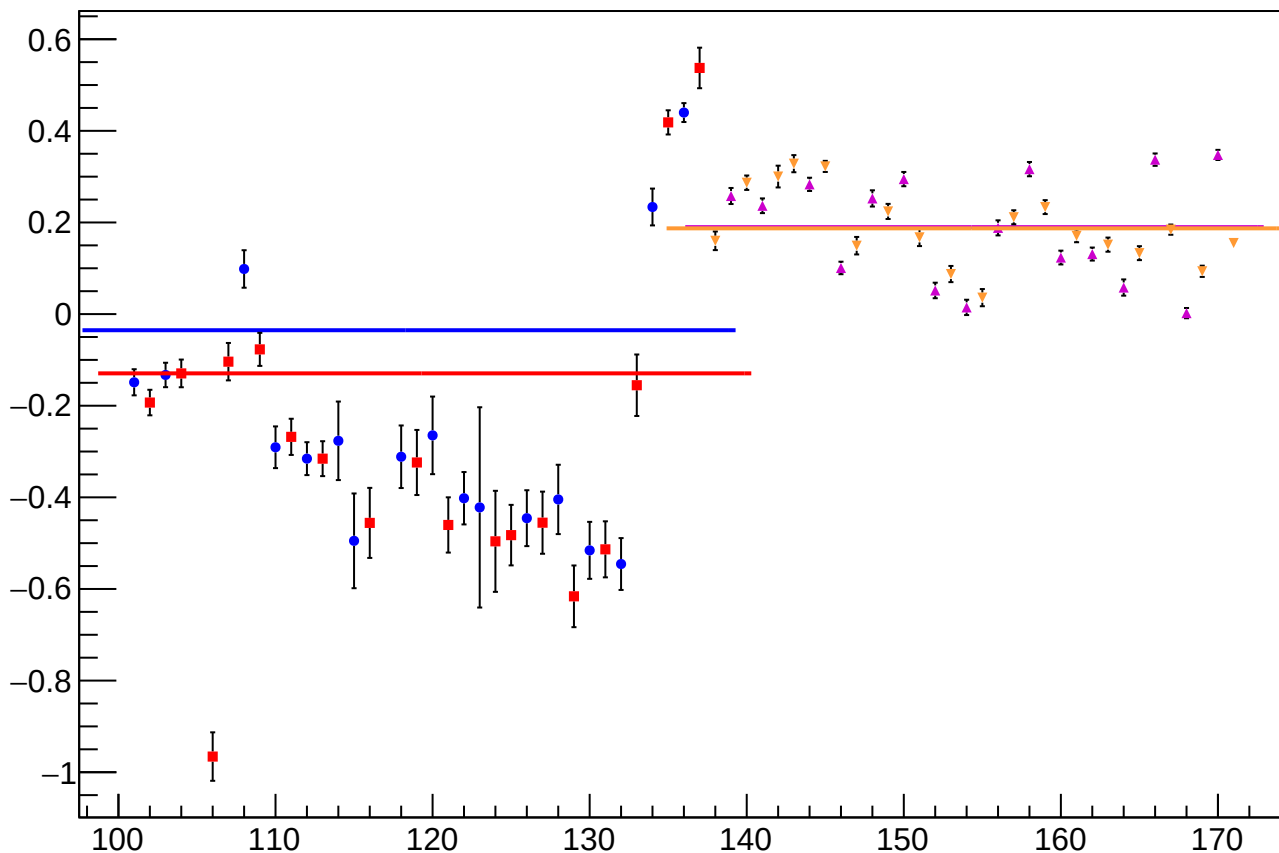
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.151 $\pm$ 0.073 χ^2 /NDF: 10990.7/32

Out: 25.337 $\pm$ 0.071 χ^2 /NDF: 11165.3/35

All: 25.246 $\pm$ 0.051 χ^2 /NDF: 22159.3/68

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.187 ± 0.004 χ^2/NDF : 450.8/17

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.190 ± 0.004 χ^2/NDF : 1101.6/15

Left: 0.188 ± 0.003 χ^2/NDF : 1552.6/33

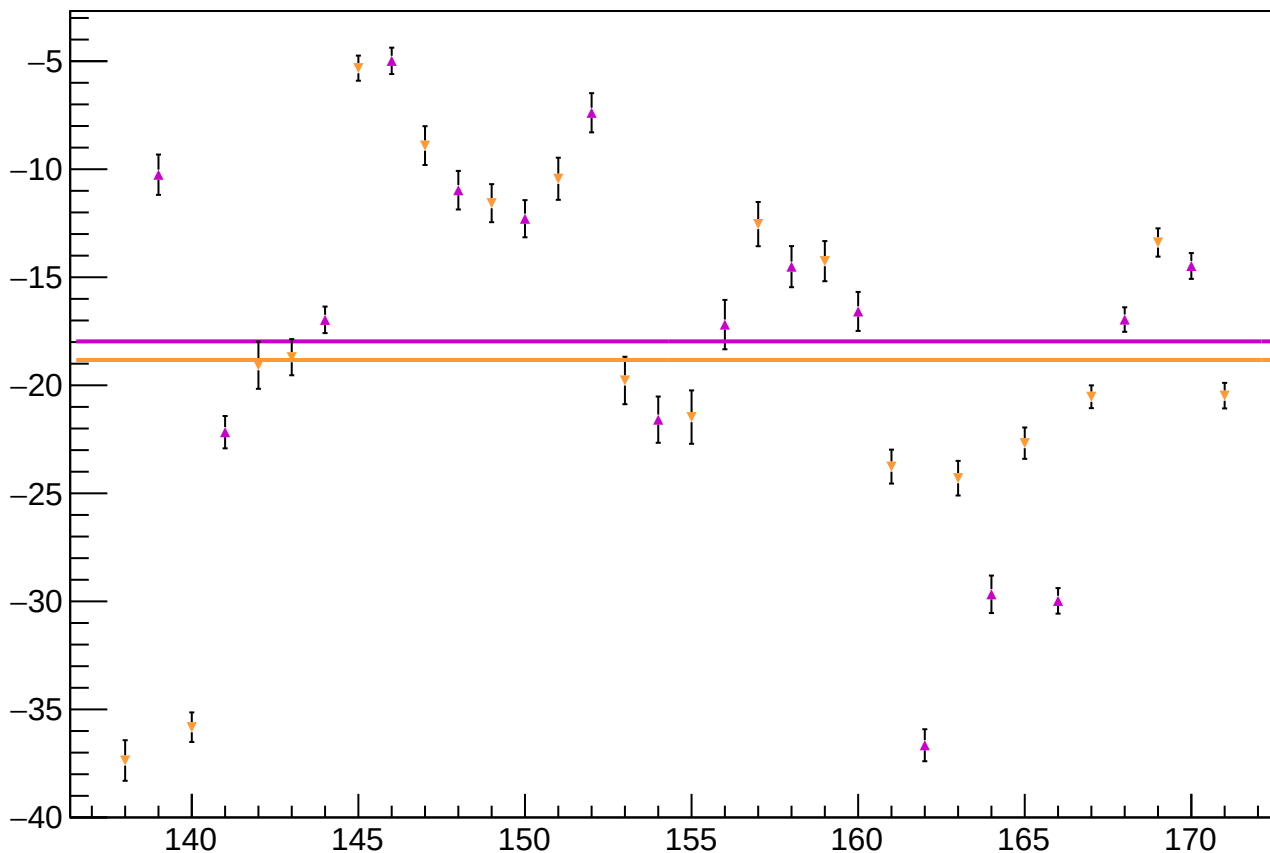
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.164 ± 0.003 χ^2/NDF : 2536.8/32

Out: 0.154 ± 0.003 χ^2/NDF : 2442.9/35

All: 0.159 ± 0.002 χ^2/NDF : 4984.5/68

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left Out: -18.829 +/- 0.184 χ^2/NDF : 2077.7/17

Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -17.967 +/- 0.189 χ^2/NDF : 2091.5/15

Left: -18.410 +/- 0.132 χ^2/NDF : 4179.9/33

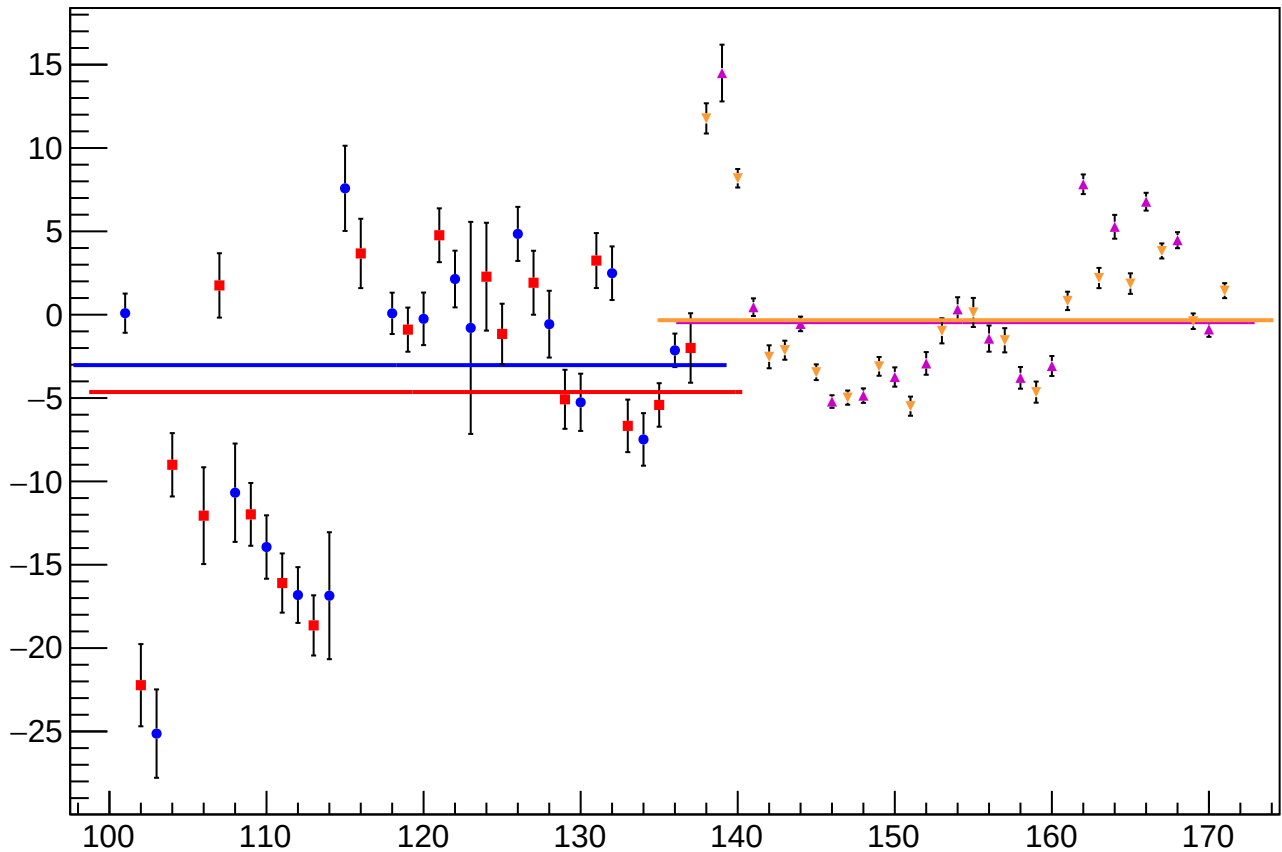
Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

In: -17.967 +/- 0.189 χ^2/NDF : 2091.5/15

Out: -18.829 +/- 0.184 χ^2/NDF : 2077.7/17

All: -18.410 +/- 0.132 χ^2/NDF : 4179.9/33

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.331 ± 0.133 χ^2/NDF : 885.8/17

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -0.448 ± 0.137 χ^2/NDF : 985.0/15

Left: -0.387 ± 0.096 χ^2/NDF : 1871.2/33

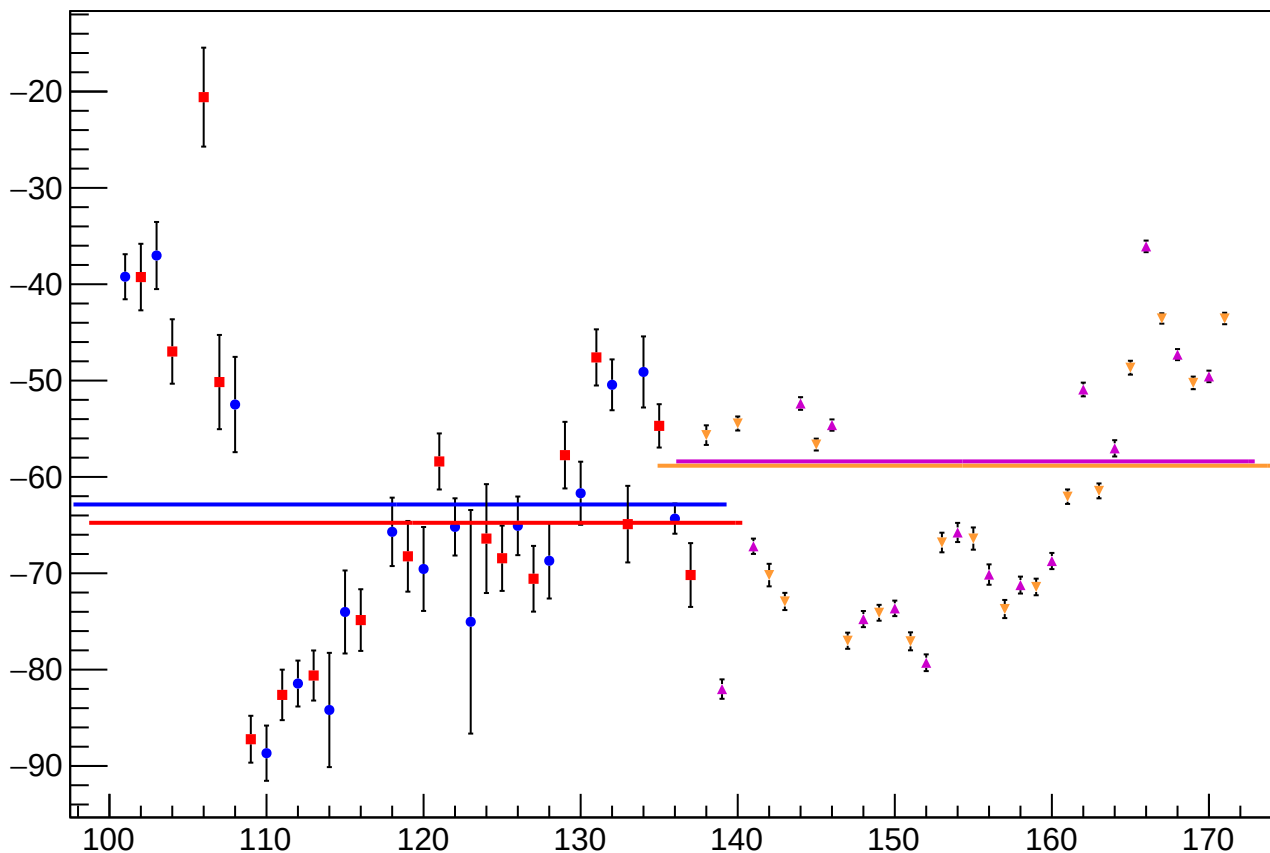
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.711 ± 0.130 χ^2/NDF : 1301.5/32

Out: -0.714 ± 0.127 χ^2/NDF : 1273.6/35

All: -0.712 ± 0.091 χ^2/NDF : 2575.1/68

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16

Left Out: -58.836 $\pm$ 0.184 χ^2 /NDF:4027.3/17

Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17

Left In: -58.389 $\pm$ 0.187 χ^2 /NDF:4734.9/15

Left: -58.617 $\pm$ 0.131 χ^2 /NDF: 8765.1/33

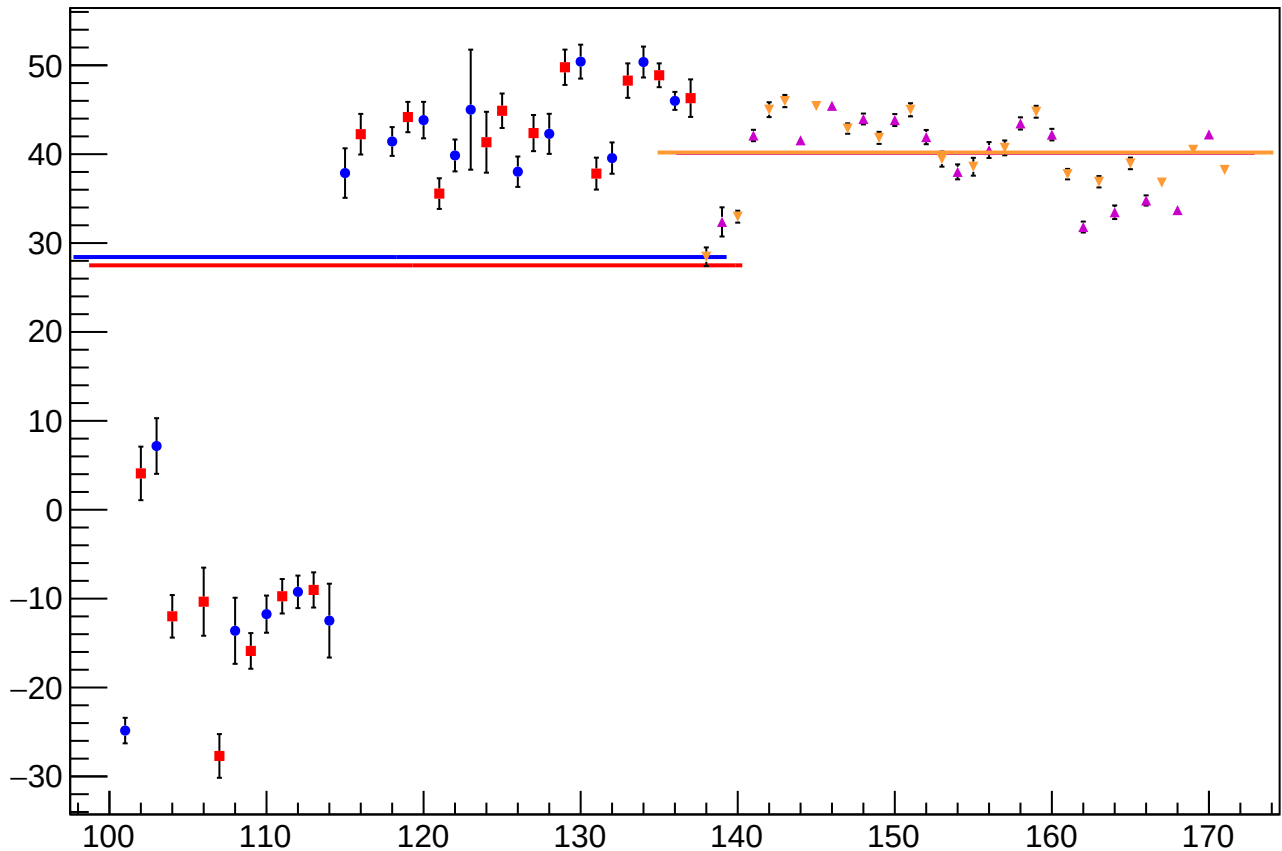
Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34

In: -58.658 $\pm$ 0.181 χ^2 /NDF:5137.0/32

Out: -59.169 $\pm$ 0.178 χ^2 /NDF:4501.8/35

All: -58.917 $\pm$ 0.127 χ^2 /NDF: 9642.8/68

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 40.187 $\pm$ 0.154 χ^2 /NDF:666.1/17

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 40.131 $\pm$ 0.159 χ^2 /NDF:776.4/15

Left: 40.160 $\pm$ 0.111 χ^2 /NDF: 1442.6/33

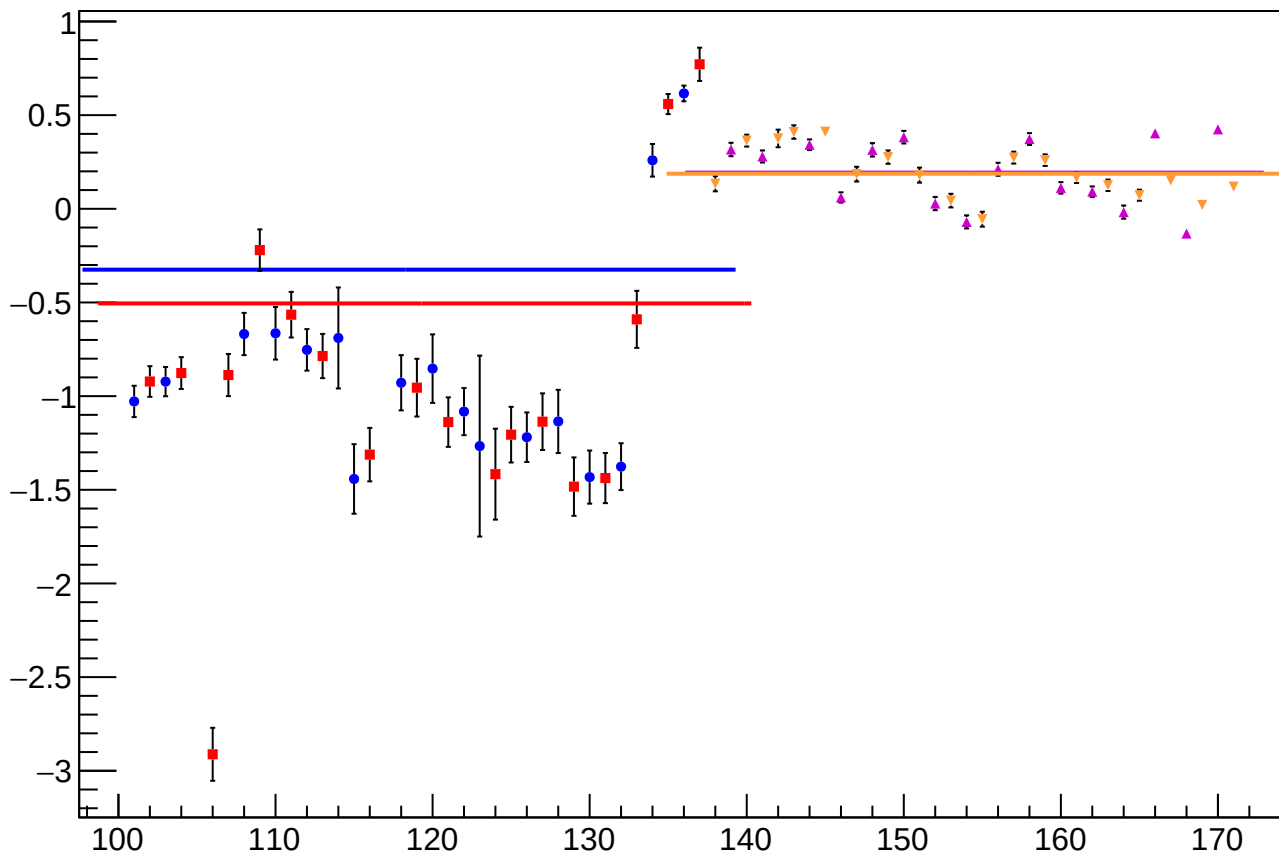
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.868 $\pm$ 0.150 χ^2 /NDF:4682.1/32

Out: 39.001 $\pm$ 0.146 χ^2 /NDF:4331.3/35

All: 38.937 $\pm$ 0.105 χ^2 /NDF: 9013.8/68

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.187 ± 0.007 χ^2/NDF : 325.3/17

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.193 ± 0.007 χ^2/NDF : 677.7/15

Left: 0.190 ± 0.005 χ^2/NDF : 1003.3/33

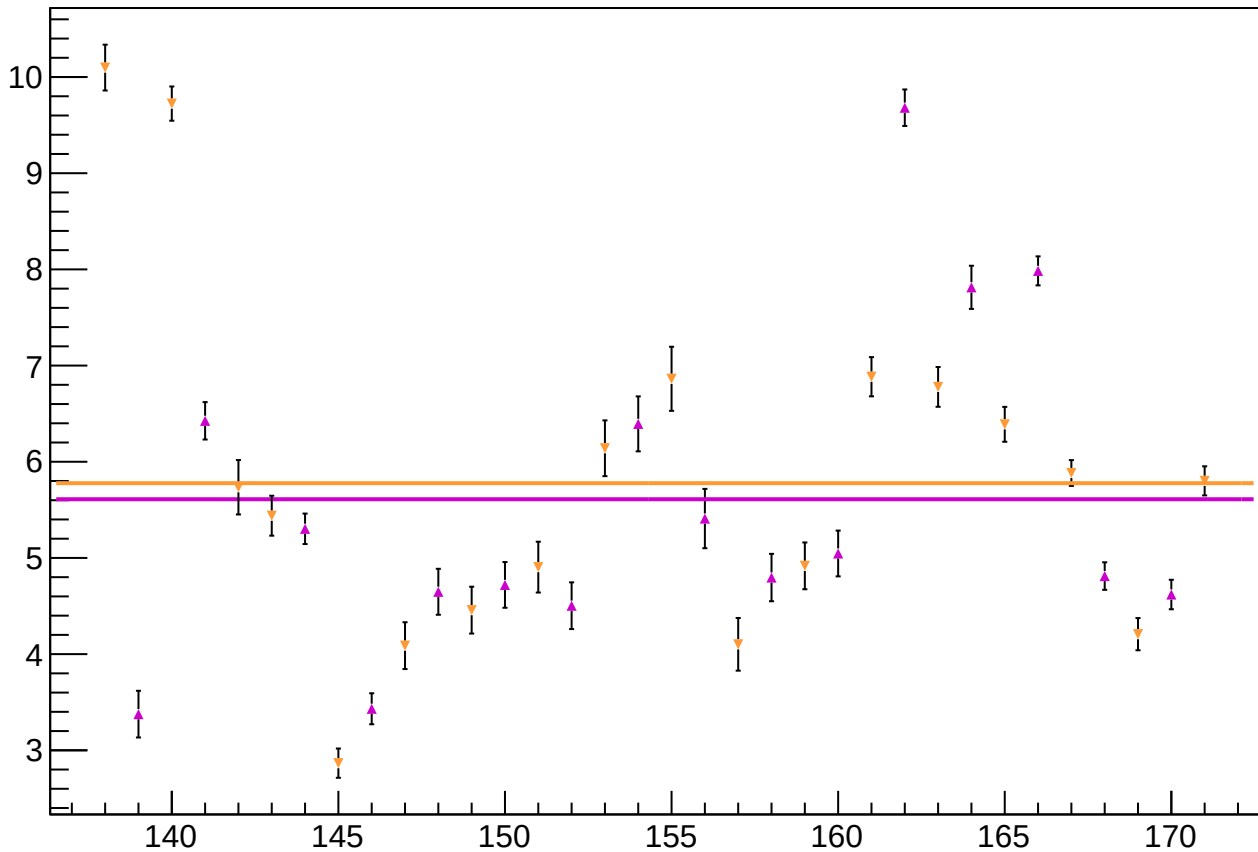
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.151 ± 0.007 χ^2/NDF : 2086.6/32

Out: 0.138 ± 0.007 χ^2/NDF : 2159.6/35

All: 0.144 ± 0.005 χ^2/NDF : 4247.9/68

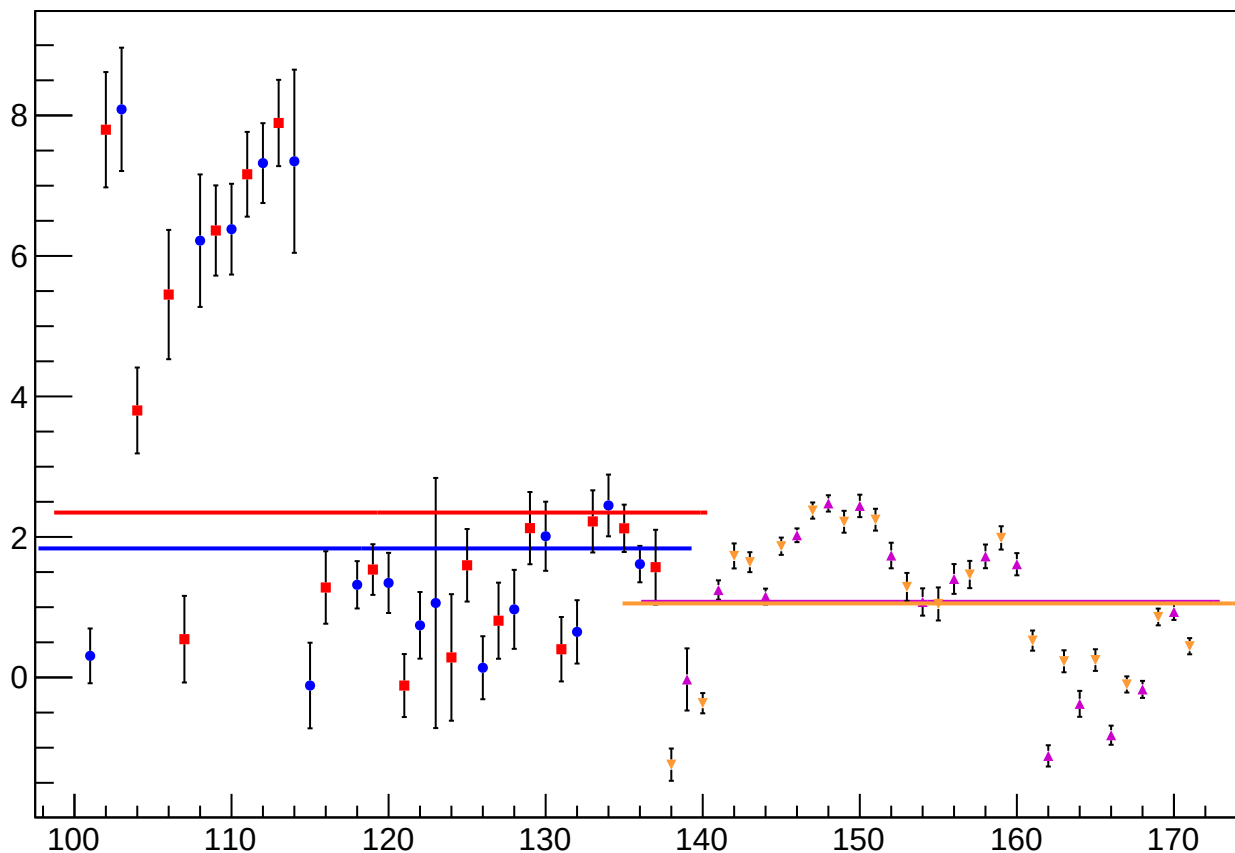
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.610+/-0.049 χ^2/NDF :1240.9/15

Left: 5.696+/-0.034 χ^2/NDF : 2739.1/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.610+/-0.049 χ^2/NDF :1240.9/15
 Out: 5.777+/-0.048 χ^2/NDF :1492.3/17
 All: 5.696+/-0.034 χ^2/NDF : 2739.1/33

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 1.053 ± 0.035 χ^2/NDF : 755.8/17

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.077 ± 0.036 χ^2/NDF : 935.6/15

Left: 1.065 ± 0.025 χ^2/NDF : 1691.6/33

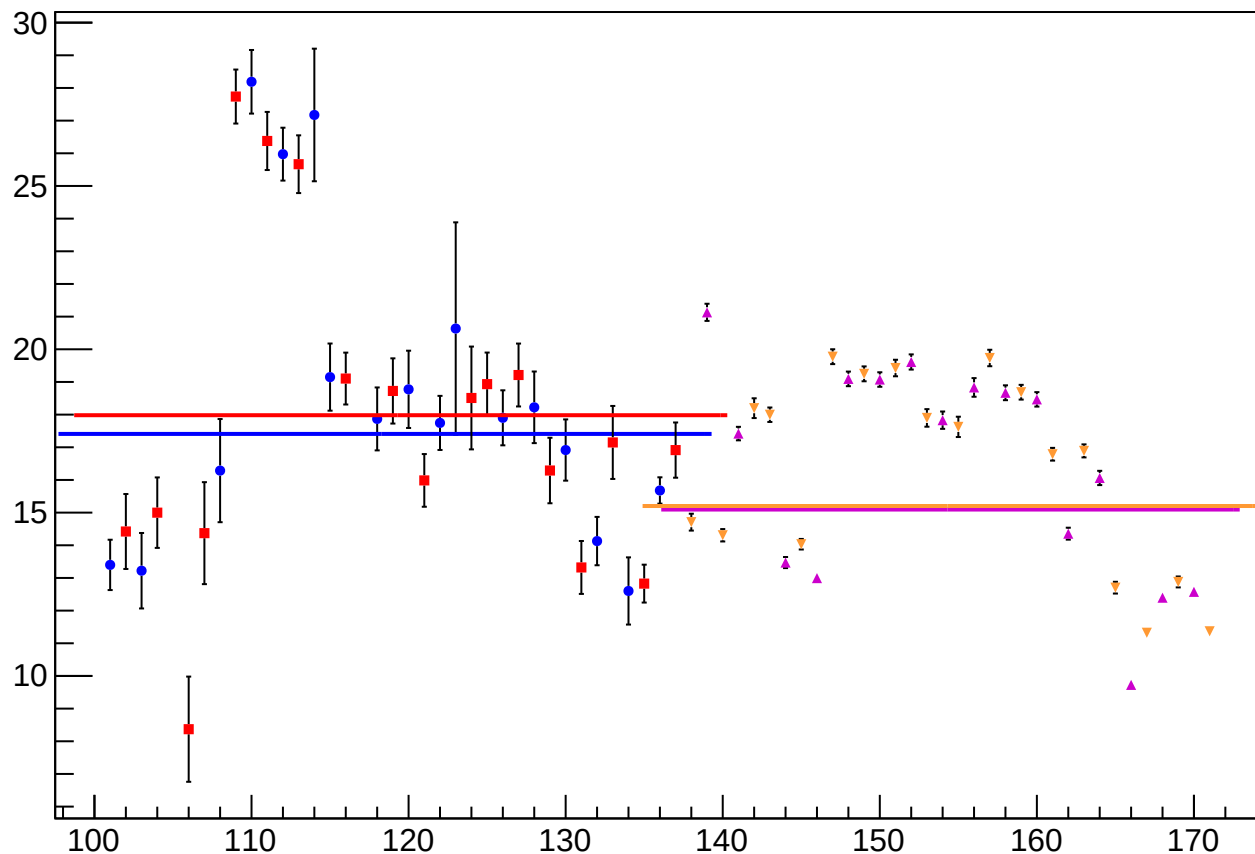
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.142 ± 0.034 χ^2/NDF : 1268.8/32

Out: 1.149 ± 0.033 χ^2/NDF : 1188.7/35

All: 1.146 ± 0.024 χ^2/NDF : 2457.5/68

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 15.202 $\pm$ 0.048 χ^2 /NDF:4012.9/17

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 15.094 $\pm$ 0.049 χ^2 /NDF:4577.7/15

Left: 15.149 $\pm$ 0.034 χ^2 /NDF: 8593.1/33

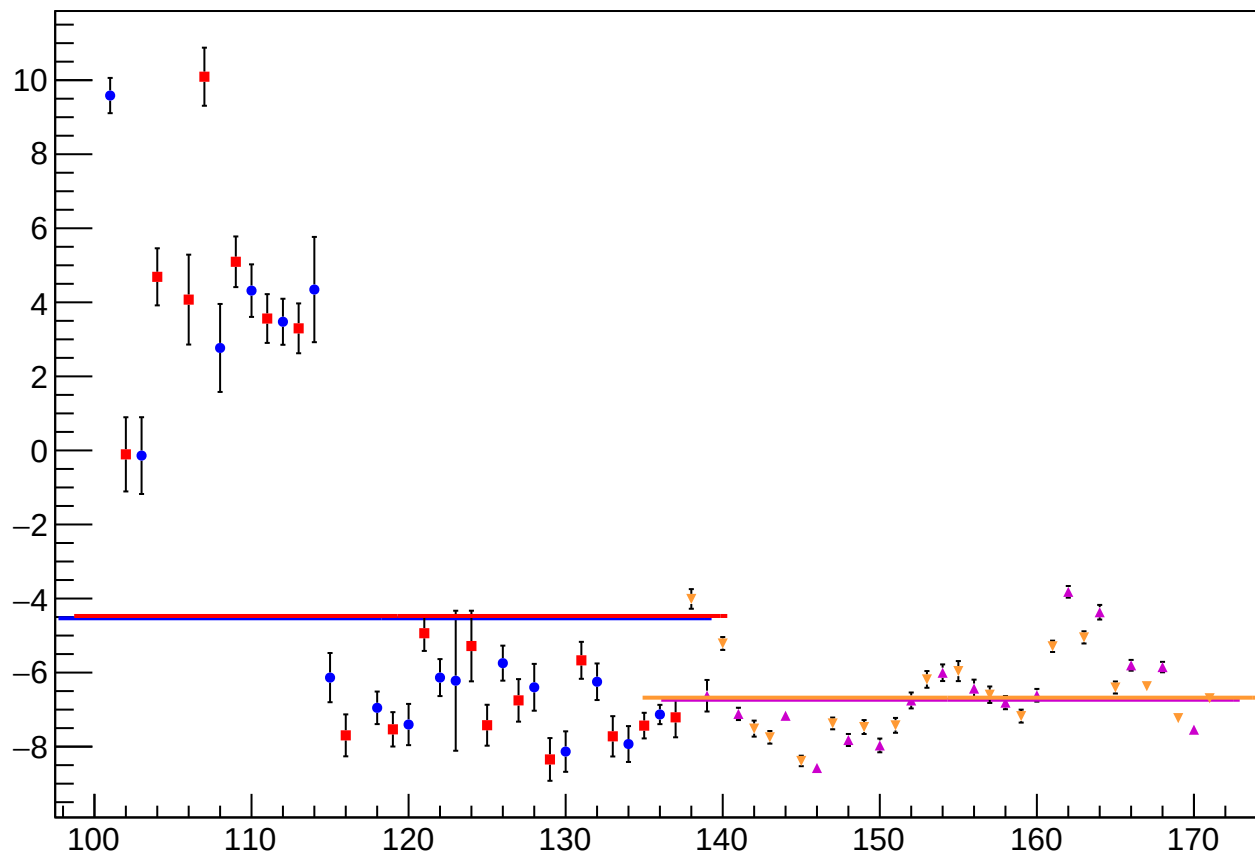
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 15.210 $\pm$ 0.047 χ^2 /NDF:5056.1/32

Out: 15.328 $\pm$ 0.047 χ^2 /NDF:4657.0/35

All: 15.270 $\pm$ 0.033 χ^2 /NDF: 9716.3/68

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.677 ± 0.040 χ^2/NDF : 646.4/17

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.733 ± 0.041 χ^2/NDF : 945.1/15

Left: -6.704 ± 0.029 χ^2/NDF : 1592.4/33

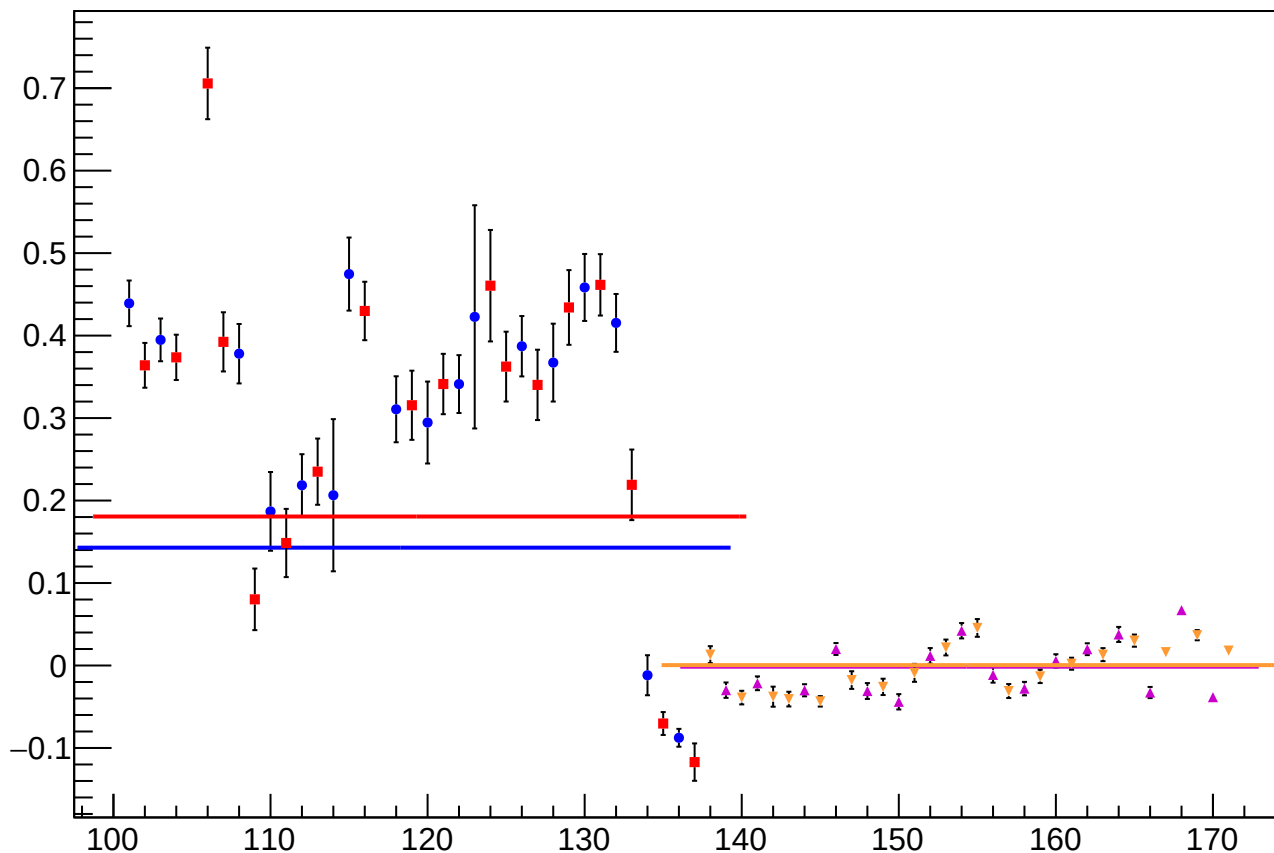
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.529 ± 0.039 χ^2/NDF : 2794.7/32

Out: -6.505 ± 0.038 χ^2/NDF : 2225.0/35

All: -6.517 ± 0.027 χ^2/NDF : 5020.0/68

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: 0.000 ± 0.002 $\chi^2/\text{NDF}: 225.1/17$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.001 ± 0.002 $\chi^2/\text{NDF}: 353.5/15$

Left: -0.000 ± 0.001 $\chi^2/\text{NDF}: 579.2/33$

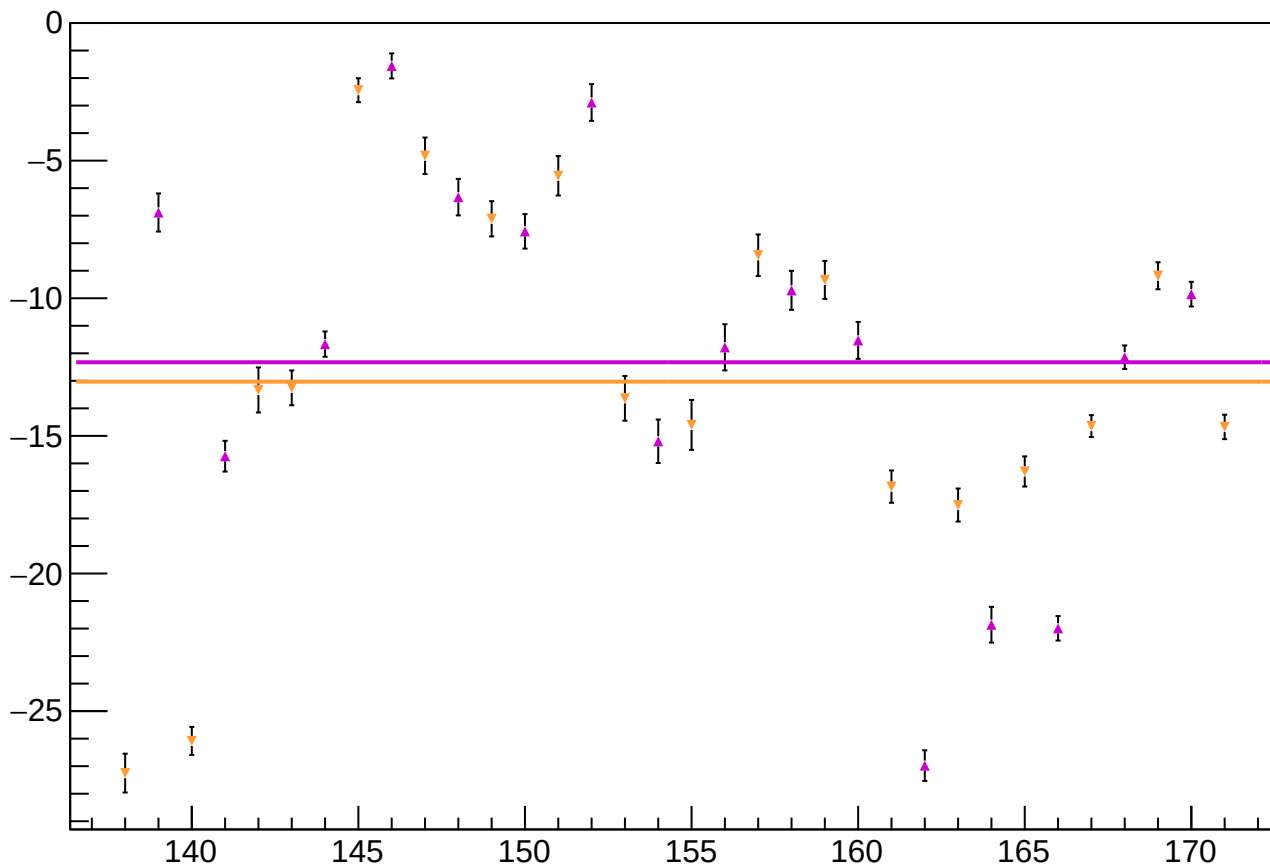
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.009 ± 0.002 $\chi^2/\text{NDF}: 1801.7/32$

Out: 0.011 ± 0.002 $\chi^2/\text{NDF}: 1786.2/35$

All: 0.010 ± 0.001 $\chi^2/\text{NDF}: 3588.9/68$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -13.029 $\pm$ 0.137 χ^2/NDF :2298.1/17
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -12.325 $\pm$ 0.141 χ^2/NDF :2444.3/15

Left: -12.686 $\pm$ 0.098 χ^2/NDF : 4755.1/33

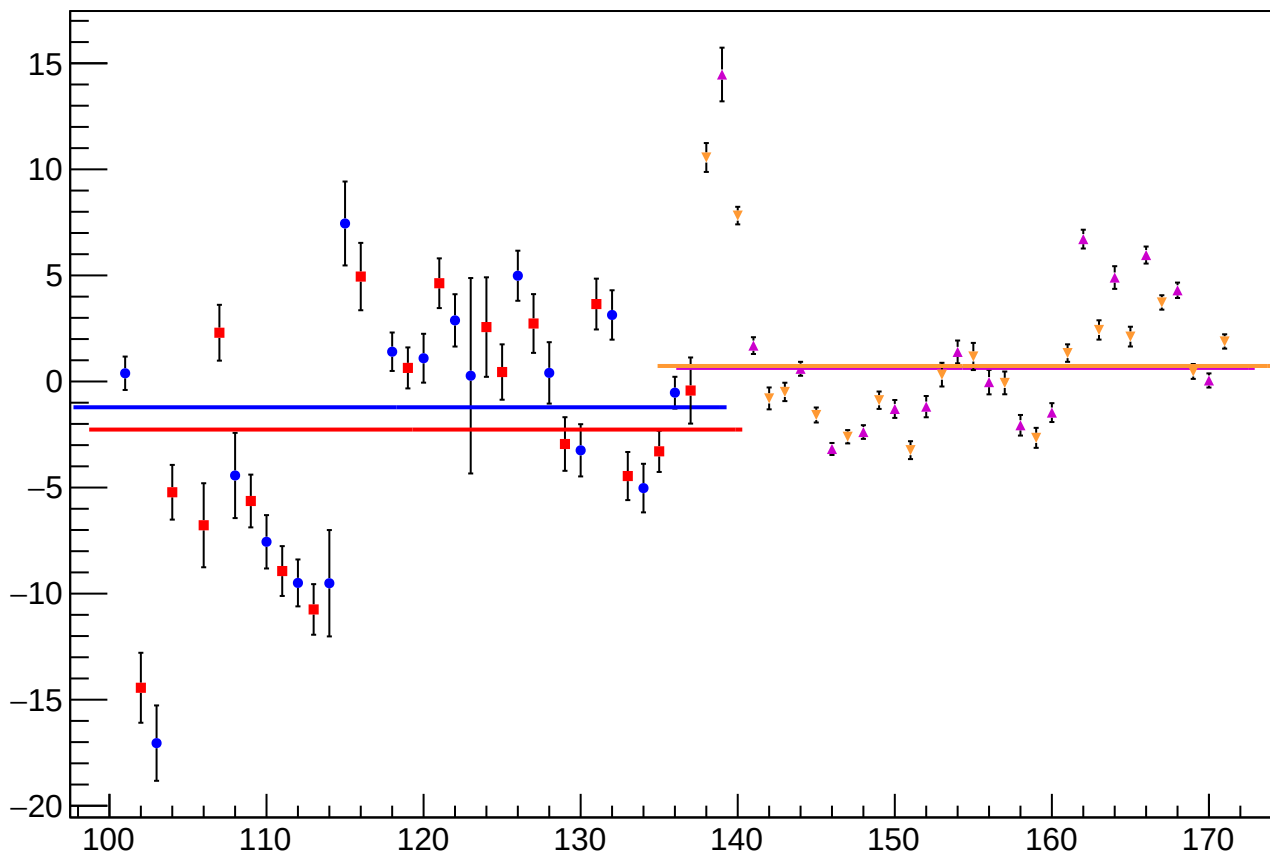
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -12.325 $\pm$ 0.141 χ^2/NDF :2444.3/15

Out: -13.029 $\pm$ 0.137 χ^2/NDF :2298.1/17

All: -12.686 $\pm$ 0.098 χ^2/NDF : 4755.1/33

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.731 ± 0.099 χ^2/NDF : 946.9/17

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.639 ± 0.103 χ^2/NDF : 1019.8/15

Left: 0.687 ± 0.071 χ^2/NDF : 1967.1/33

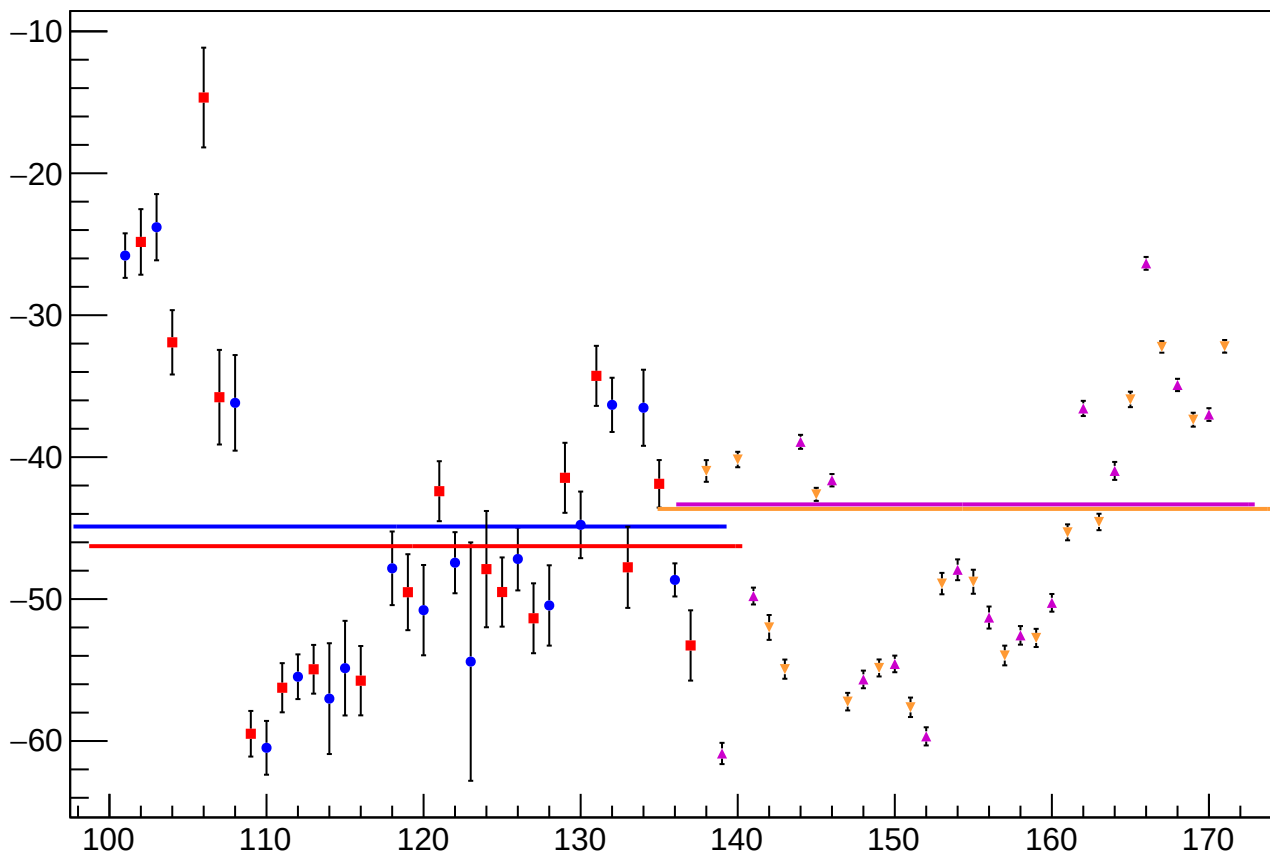
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.434 ± 0.097 χ^2/NDF : 1334.8/32

Out: 0.439 ± 0.094 χ^2/NDF : 1319.5/35

All: 0.436 ± 0.068 χ^2/NDF : 2654.3/68

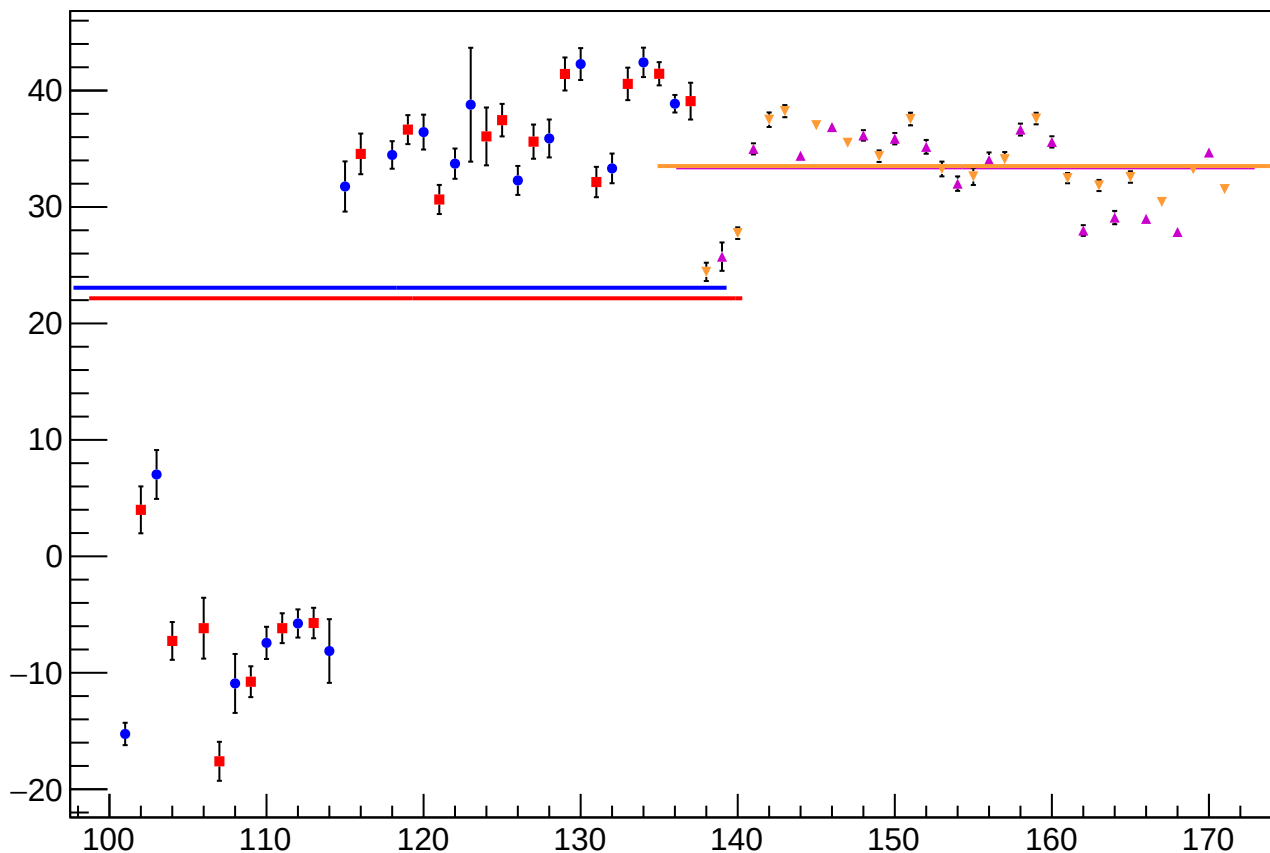
reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$
 Left Out: -43.648 ± 0.137 $\chi^2/\text{NDF}: 4006.9/17$
 Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$
 Left In: -43.330 ± 0.139 $\chi^2/\text{NDF}: 4799.6/15$

Left: -43.492 ± 0.098 $\chi^2/\text{NDF}: 8809.1/33$
 Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$
 In: -43.433 ± 0.135 $\chi^2/\text{NDF}: 5228.3/32$
 Out: -43.813 ± 0.133 $\chi^2/\text{NDF}: 4450.4/35$
 All: -43.626 ± 0.095 $\chi^2/\text{NDF}: 9682.8/68$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.515 $\pm$ 0.115 χ^2 /NDF: 729.8/17

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 33.404 $\pm$ 0.119 χ^2 /NDF: 775.6/15

Left: 33.461 $\pm$ 0.082 χ^2 /NDF: 1505.8/33

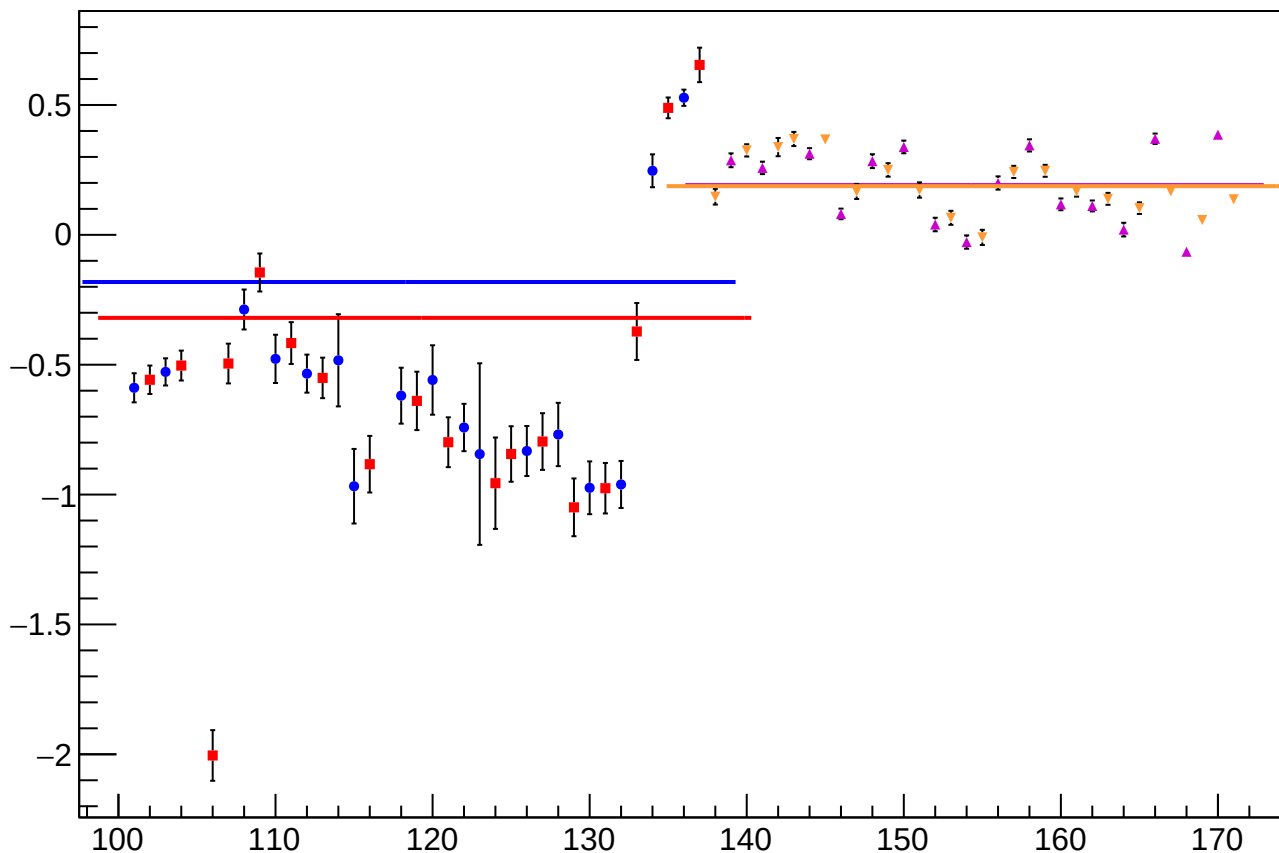
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.196 $\pm$ 0.112 χ^2 /NDF: 5994.3/32

Out: 32.355 $\pm$ 0.109 χ^2 /NDF: 5756.7/35

All: 32.278 $\pm$ 0.078 χ^2 /NDF: 11752.1/68

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.188 ± 0.005 χ^2/NDF : 365.3/17

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.192 ± 0.006 χ^2/NDF : 811.2/15

Left: 0.190 ± 0.004 χ^2/NDF : 1176.8/33

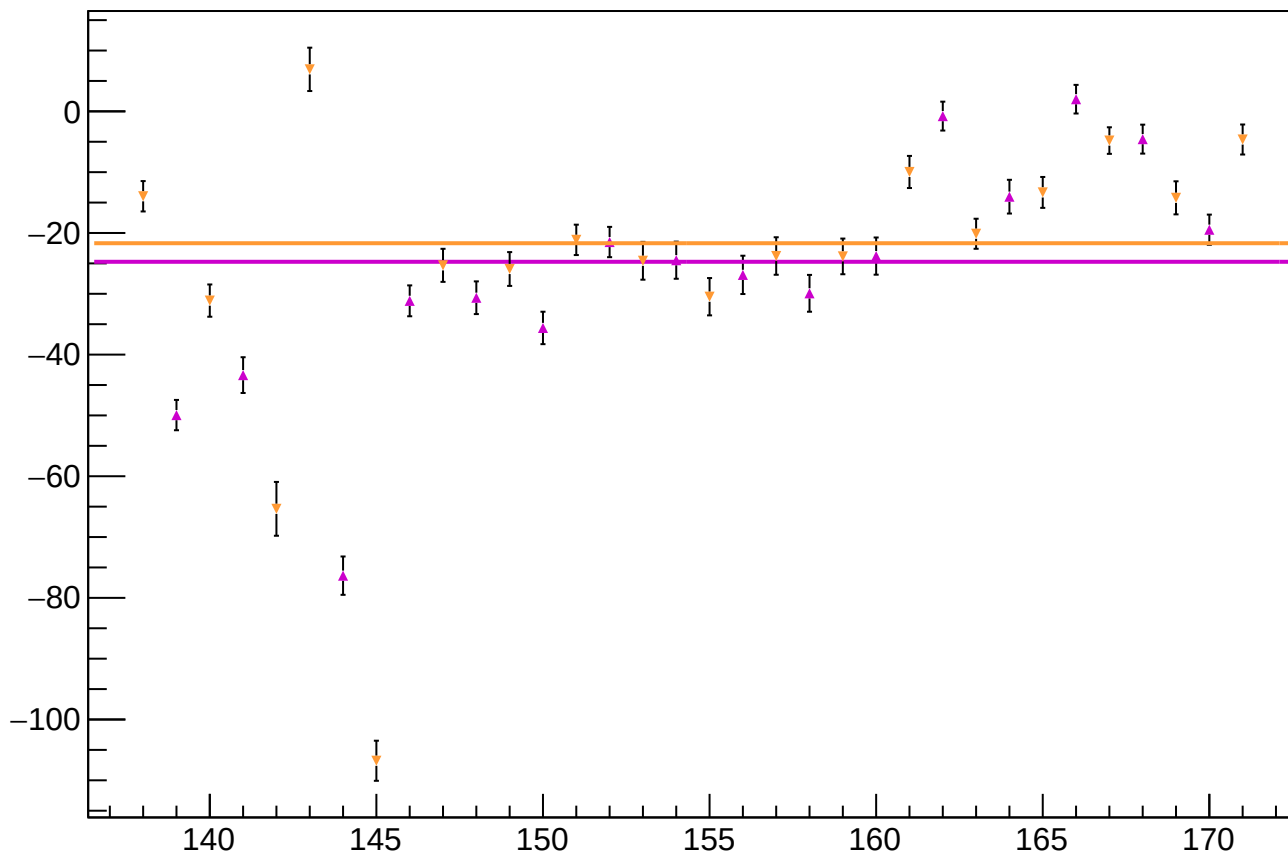
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.159 ± 0.005 χ^2/NDF : 2211.5/32

Out: 0.147 ± 0.005 χ^2/NDF : 2256.9/35

All: 0.153 ± 0.004 χ^2/NDF : 4470.7/68

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.684+/-0.652 χ^2/NDF :1010.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.737+/-0.671 χ^2/NDF :765.4/15

Left: -23.167+/-0.468 χ^2/NDF : 1786.5/33

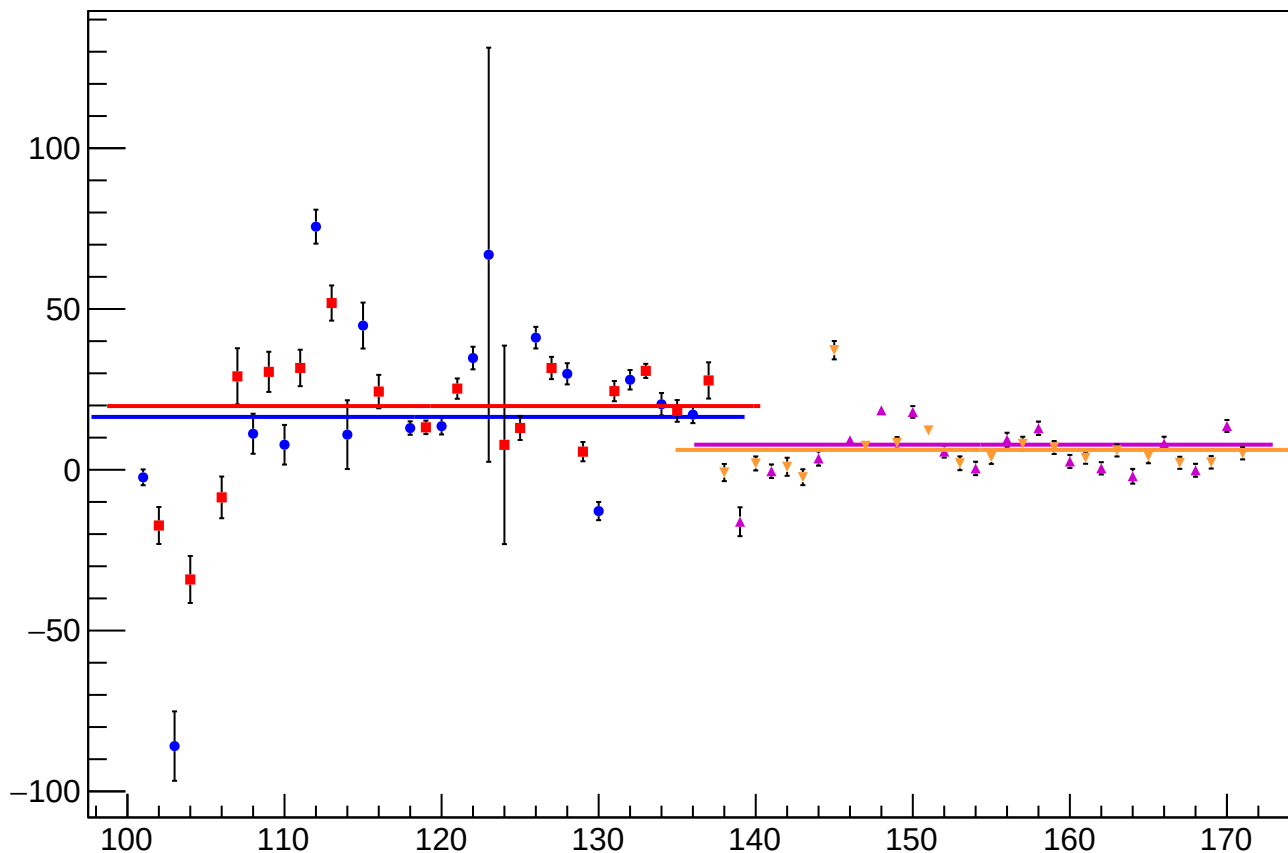
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.737+/-0.671 χ^2/NDF :765.4/15

Out: -21.684+/-0.652 χ^2/NDF :1010.4/17

All: -23.167+/-0.468 χ^2/NDF : 1786.5/33

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 6.173 ± 0.463 $\chi^2/\text{NDF}: 181.4/17$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 7.806 ± 0.486 $\chi^2/\text{NDF}: 232.0/15$

Left: 6.950 ± 0.335 $\chi^2/\text{NDF}: 419.3/33$

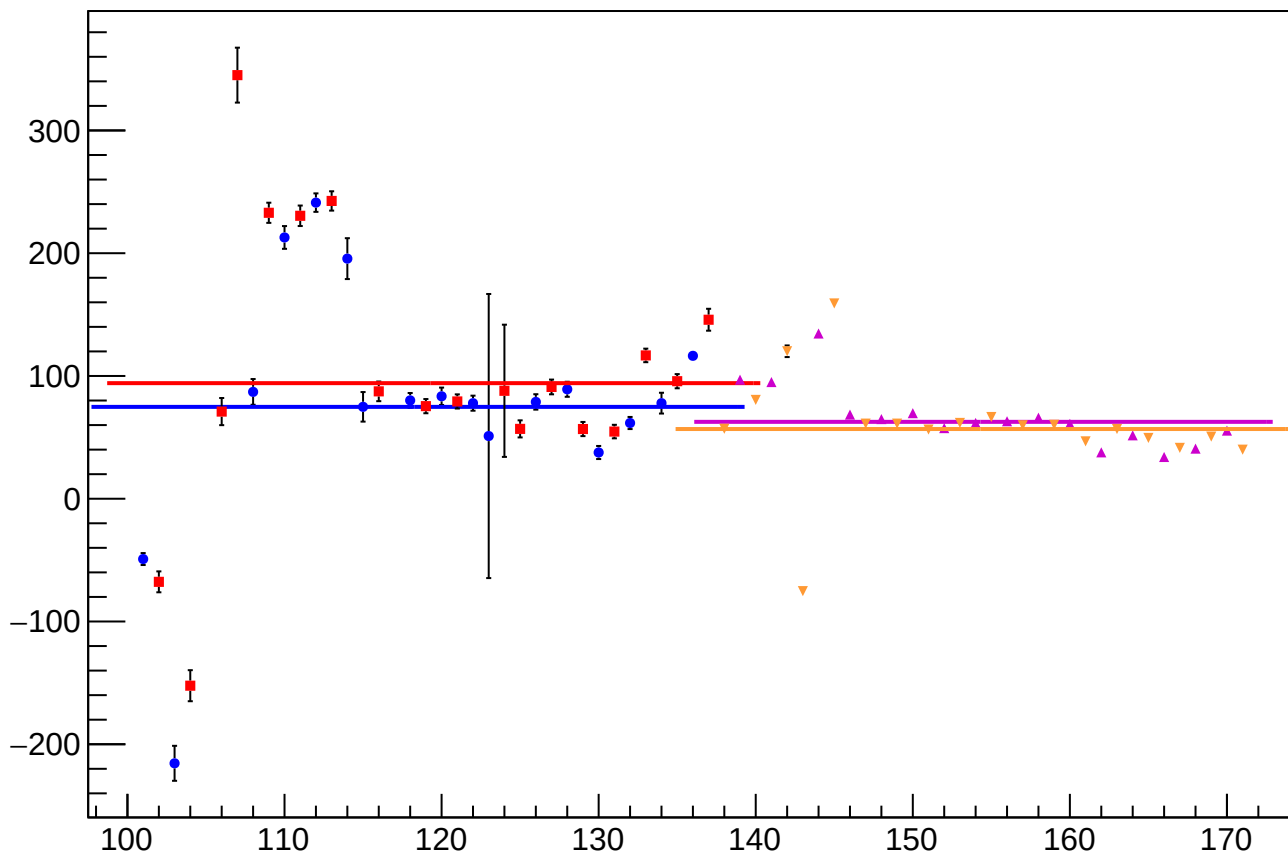
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 9.941 ± 0.422 $\chi^2/\text{NDF}: 826.8/32$

Out: 9.035 ± 0.412 $\chi^2/\text{NDF}: 601.7/35$

All: 9.477 ± 0.295 $\chi^2/\text{NDF}: 1430.9/68$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 56.783+/-0.642 χ^2/NDF : 2494.0/17

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 62.632+/-0.657 χ^2/NDF : 1113.8/15

Left: 59.641+/-0.459 χ^2/NDF : 3648.3/33

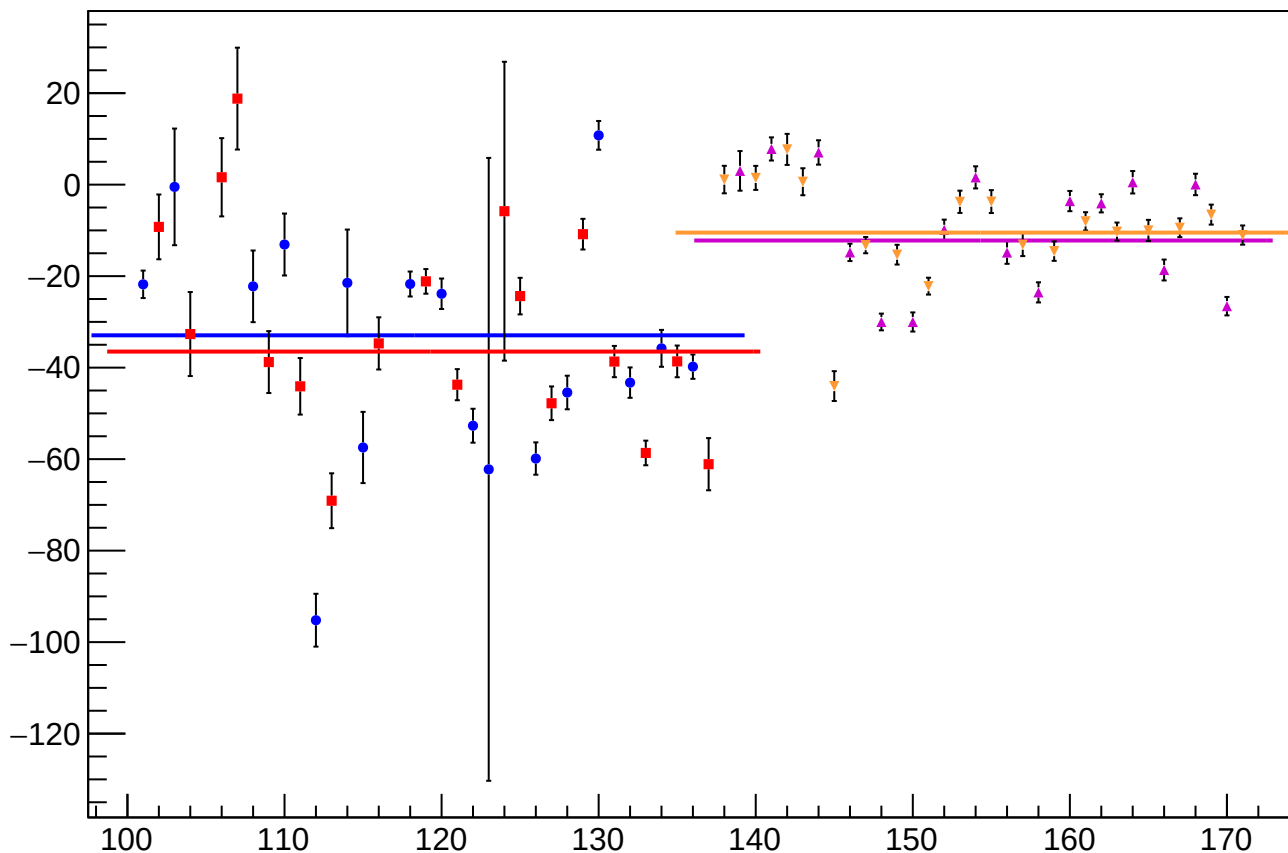
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 64.318+/-0.609 χ^2/NDF : 3158.3/32

Out: 61.351+/-0.601 χ^2/NDF : 4877.5/35

All: 62.815+/-0.428 χ^2/NDF : 8047.8/68

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.485 ± 0.538 χ^2/NDF : 256.9/17

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.212 ± 0.564 χ^2/NDF : 502.9/15

Left: -11.308 ± 0.389 χ^2/NDF : 764.7/33

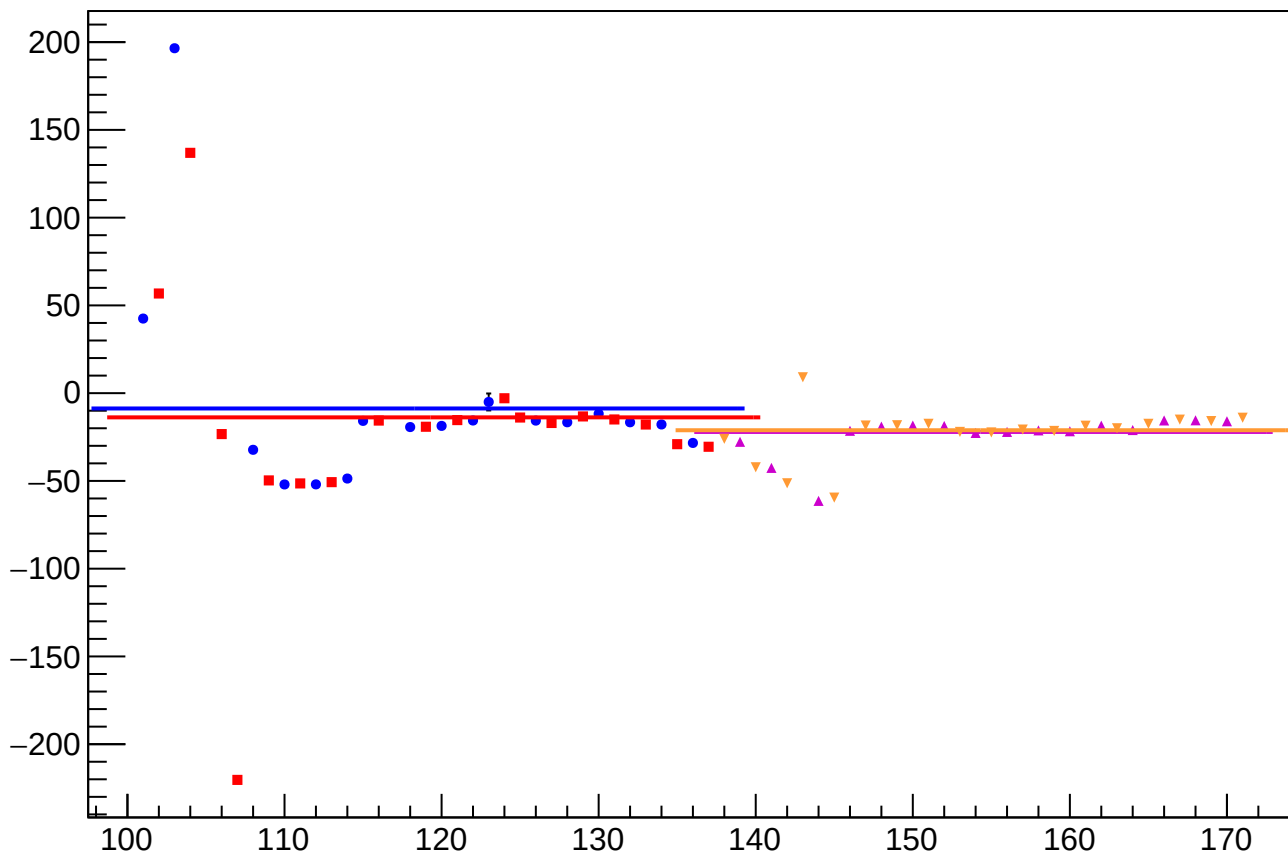
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -17.422 ± 0.488 χ^2/NDF : 1332.9/32

Out: -16.087 ± 0.477 χ^2/NDF : 1053.4/35

All: -16.739 ± 0.341 χ^2/NDF : 2390.2/68

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -21.129 ± 0.025 $\chi^2/\text{NDF}: 195129.7/17$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -22.084 ± 0.026 $\chi^2/\text{NDF}: 119301.5/15$

Left: -21.593 ± 0.018 $\chi^2/\text{NDF}: 315140.2/33$

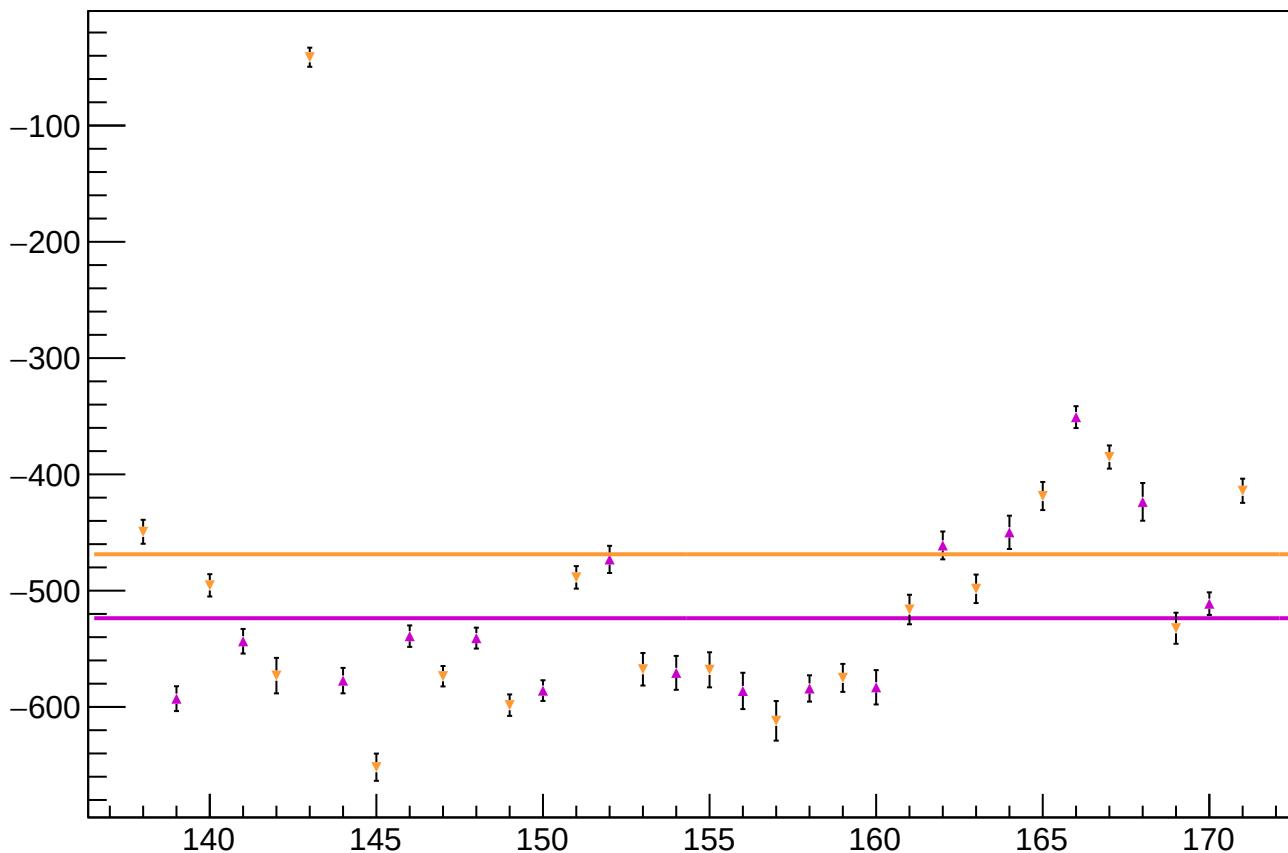
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -19.946 ± 0.024 $\chi^2/\text{NDF}: 738410.2/32$

Out: -20.107 ± 0.023 $\chi^2/\text{NDF}: 756524.0/35$

All: -20.028 ± 0.017 $\chi^2/\text{NDF}: 1494958.1/68$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -523.693+/-2.786 χ^2/NDF :646.3/15

Left: -494.434+/-1.906 χ^2/NDF : 4601.3/33

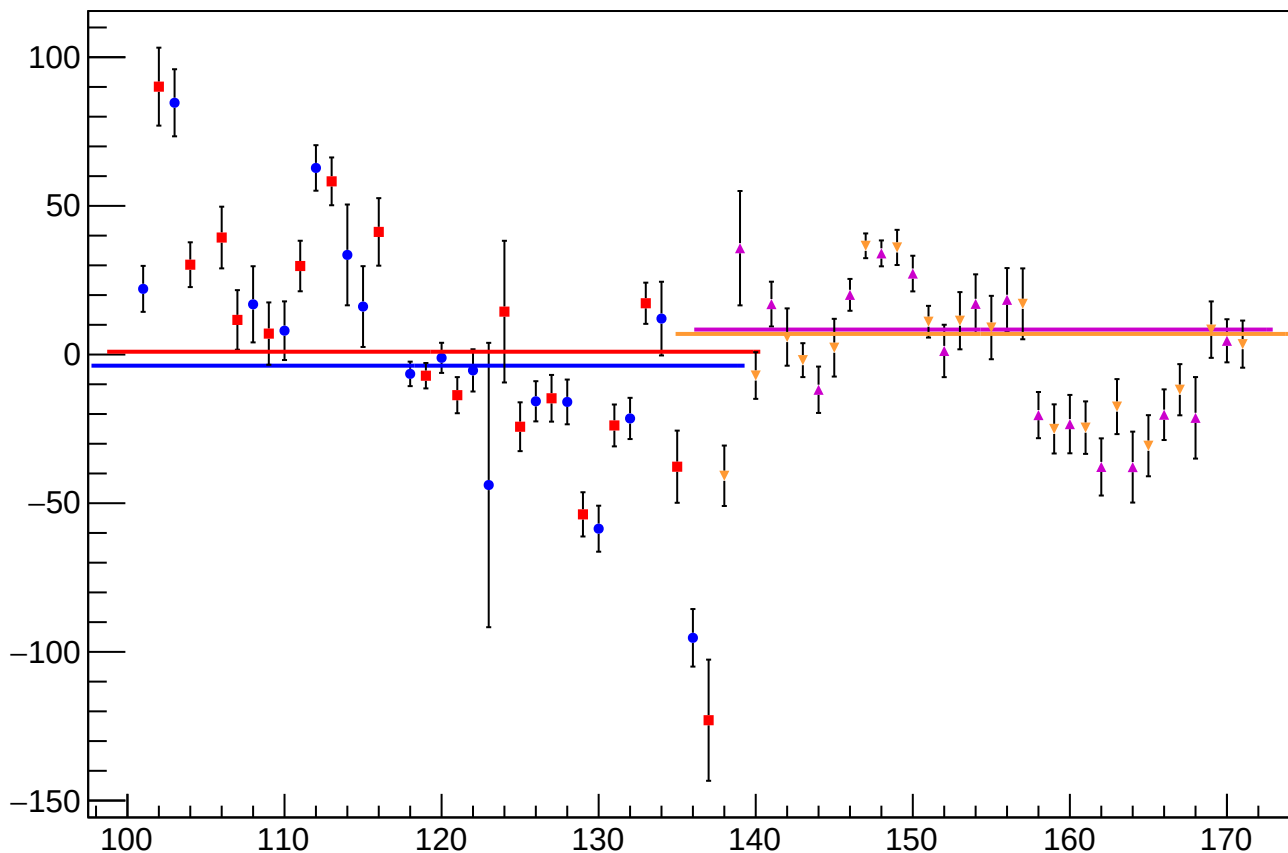
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -523.693+/-2.786 χ^2/NDF :646.3/15

Out: -468.699+/-2.613 χ^2/NDF :3747.7/17

All: -494.434+/-1.906 χ^2/NDF : 4601.3/33

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 6.935 ± 1.781 χ^2/NDF : 157.3/17

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 8.402 ± 1.936 χ^2/NDF : 140.2/15

Left: 7.607 ± 1.311 χ^2/NDF : 297.8/33

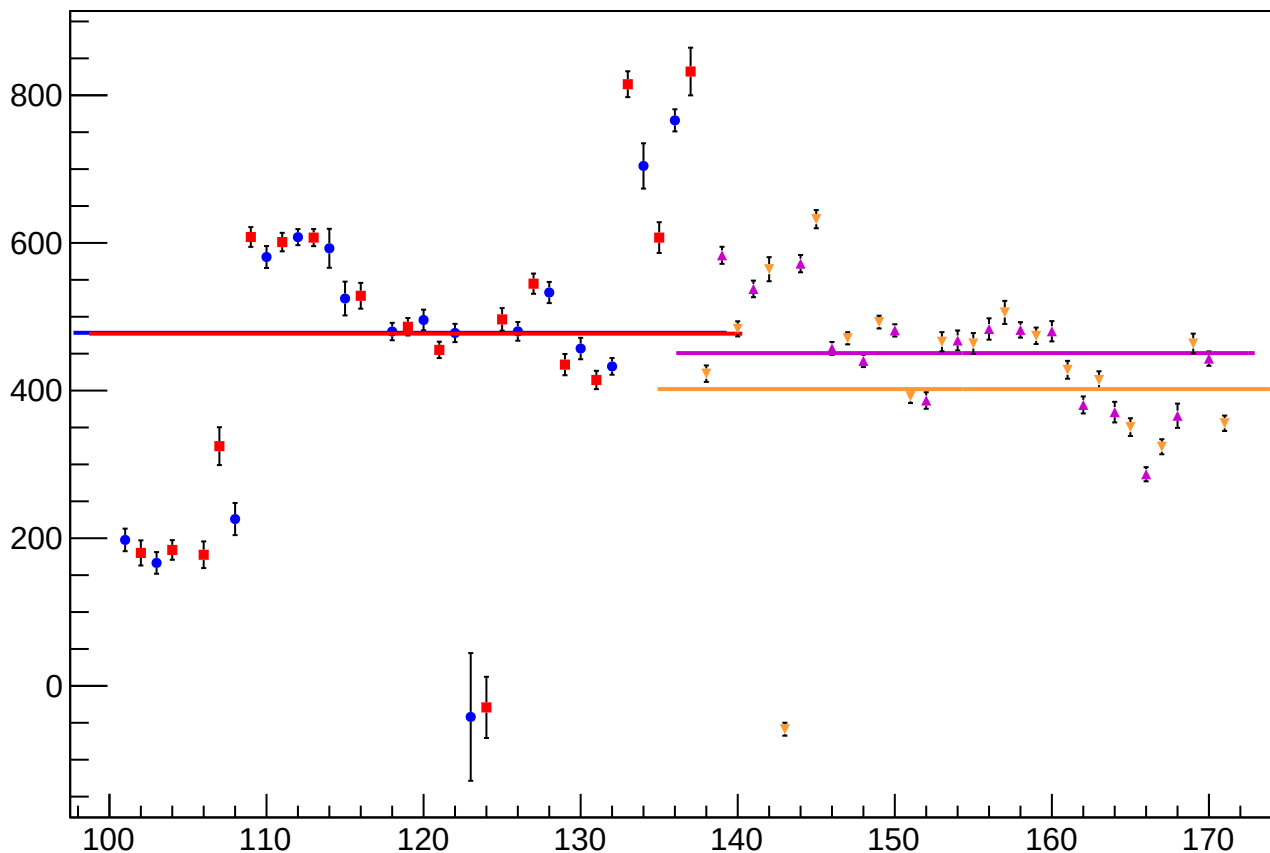
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.191 ± 1.353 χ^2/NDF : 474.4/32

Out: 4.163 ± 1.305 χ^2/NDF : 456.2/35

All: 3.212 ± 0.939 χ^2/NDF : 931.8/68

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 402.019+/-2.588 χ^2/NDF : 3708.6/17

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 450.766+/-2.726 χ^2/NDF : 757.4/15

Left: 425.125+/-1.877 χ^2/NDF : 4634.1/33

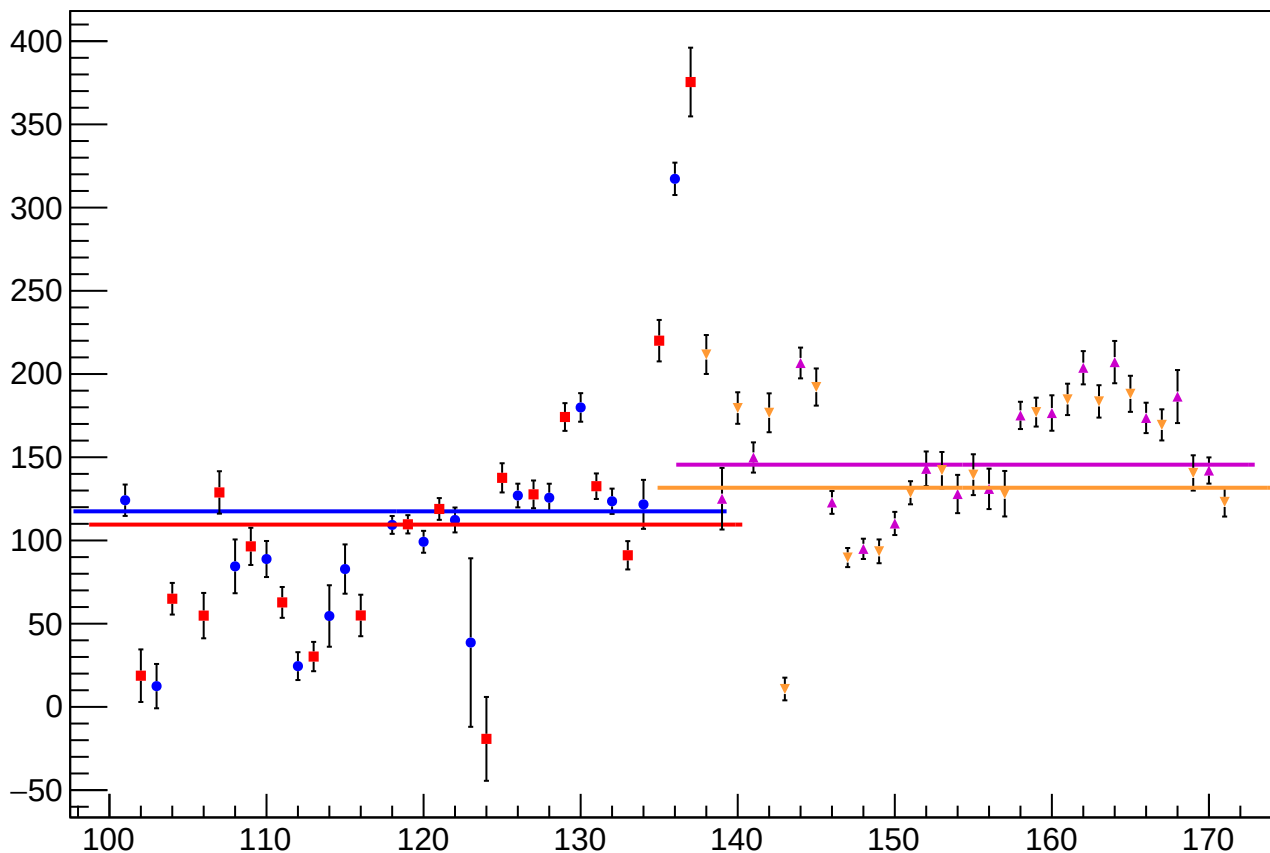
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 460.655+/-2.182 χ^2/NDF : 2421.9/32

Out: 428.157+/-2.089 χ^2/NDF : 6177.4/35

All: 443.705+/-1.509 χ^2/NDF : 8715.0/68

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: 131.671 $\pm$ 2.117 χ^2/NDF :647.5/17

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 145.535 $\pm$ 2.287 χ^2/NDF :249.9/15

Left: 138.067 $\pm$ 1.554 χ^2/NDF : 917.2/33

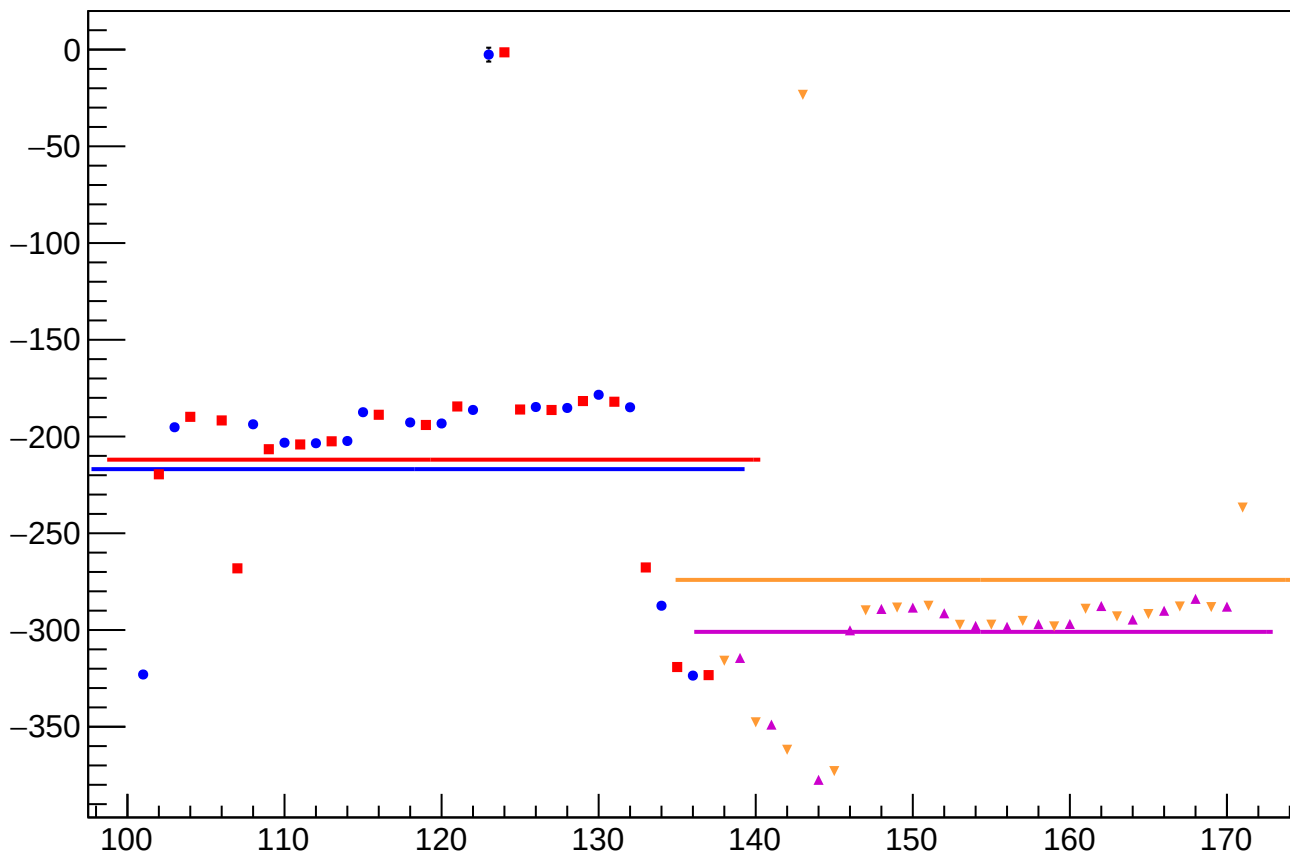
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 130.959 $\pm$ 1.585 χ^2/NDF :1033.9/32

Out: 121.072 $\pm$ 1.528 χ^2/NDF :1262.1/35

All: 125.836 $\pm$ 1.100 χ^2/NDF : 2316.2/68

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 $\pm$ 0.136 χ^2 /NDF: 146927.1/16

Left Out: -274.093 $\pm$ 0.103 χ^2 /NDF: 632127.5/17

Right Out: -211.961 $\pm$ 0.131 χ^2 /NDF: 112091.8/17

Left In: -300.958 $\pm$ 0.109 χ^2 /NDF: 41206.1/15

Left: -286.829 $\pm$ 0.075 χ^2 /NDF: 705516.0/33

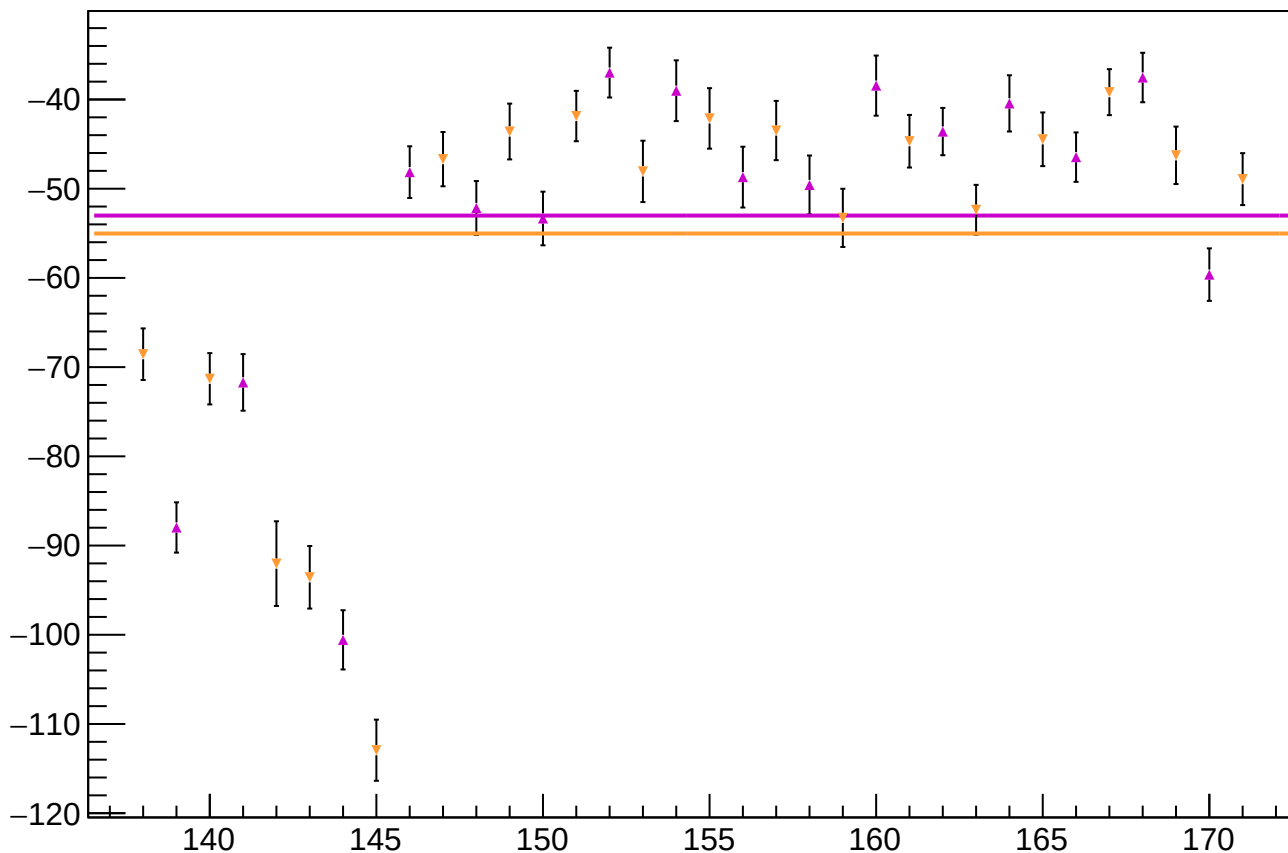
Right: -214.313 $\pm$ 0.094 χ^2 /NDF: 259693.1/34

In: -268.168 $\pm$ 0.085 χ^2 /NDF: 421947.0/32

Out: -250.246 $\pm$ 0.081 χ^2 /NDF: 883561.4/35

All: -258.787 $\pm$ 0.059 χ^2 /NDF: 1328870.3/68

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



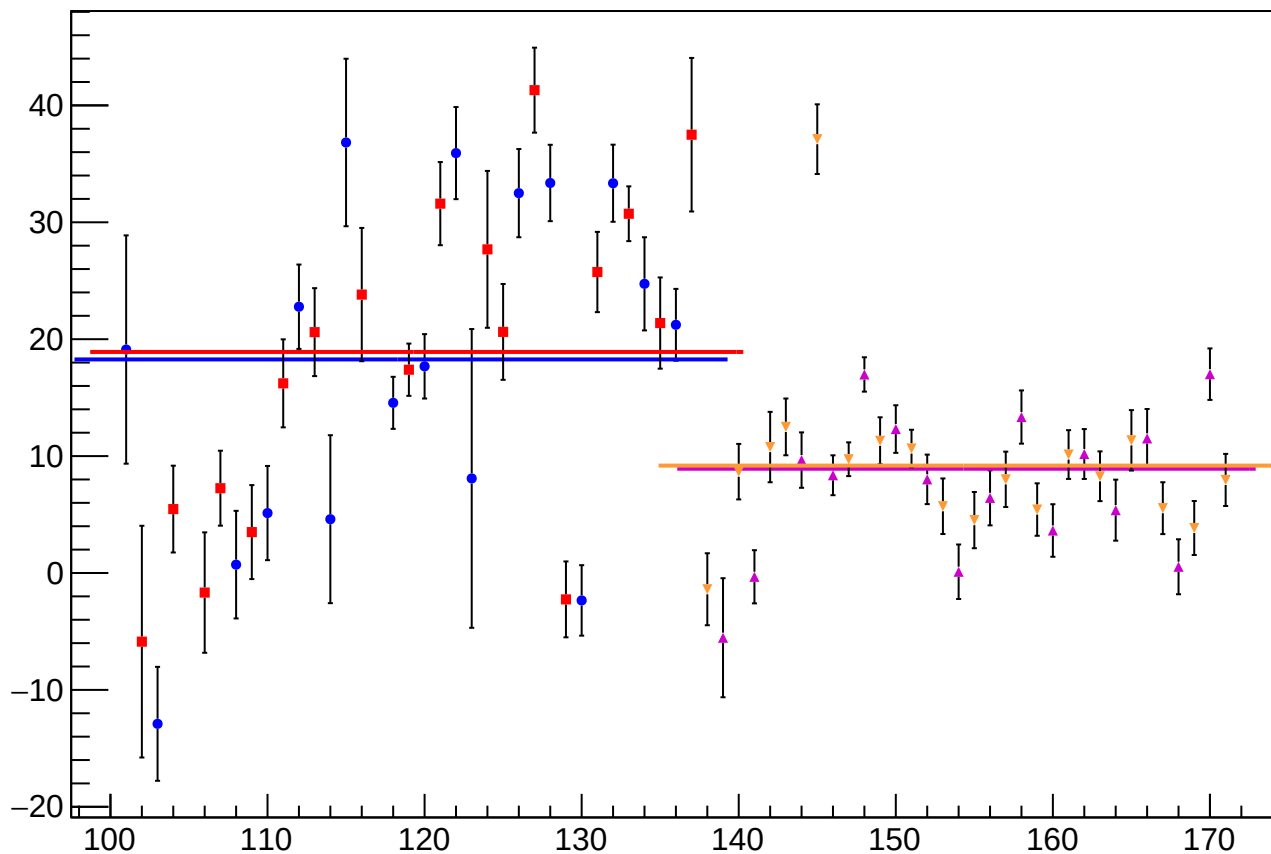
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.023+/-0.733 χ^2/NDF : 669.7/17
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.012+/-0.755 χ^2/NDF : 538.4/15

Left: -54.047+/-0.526 χ^2/NDF : 1211.7/33
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.012+/-0.755 χ^2/NDF : 538.4/15
 Out: -55.023+/-0.733 χ^2/NDF : 669.7/17

All: -54.047+/-0.526 χ^2/NDF : 1211.7/33

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.187 ± 0.519 χ^2/NDF : 122.2/17

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.919 ± 0.547 χ^2/NDF : 112.0/15

Left: 9.060 ± 0.376 χ^2/NDF : 234.3/33

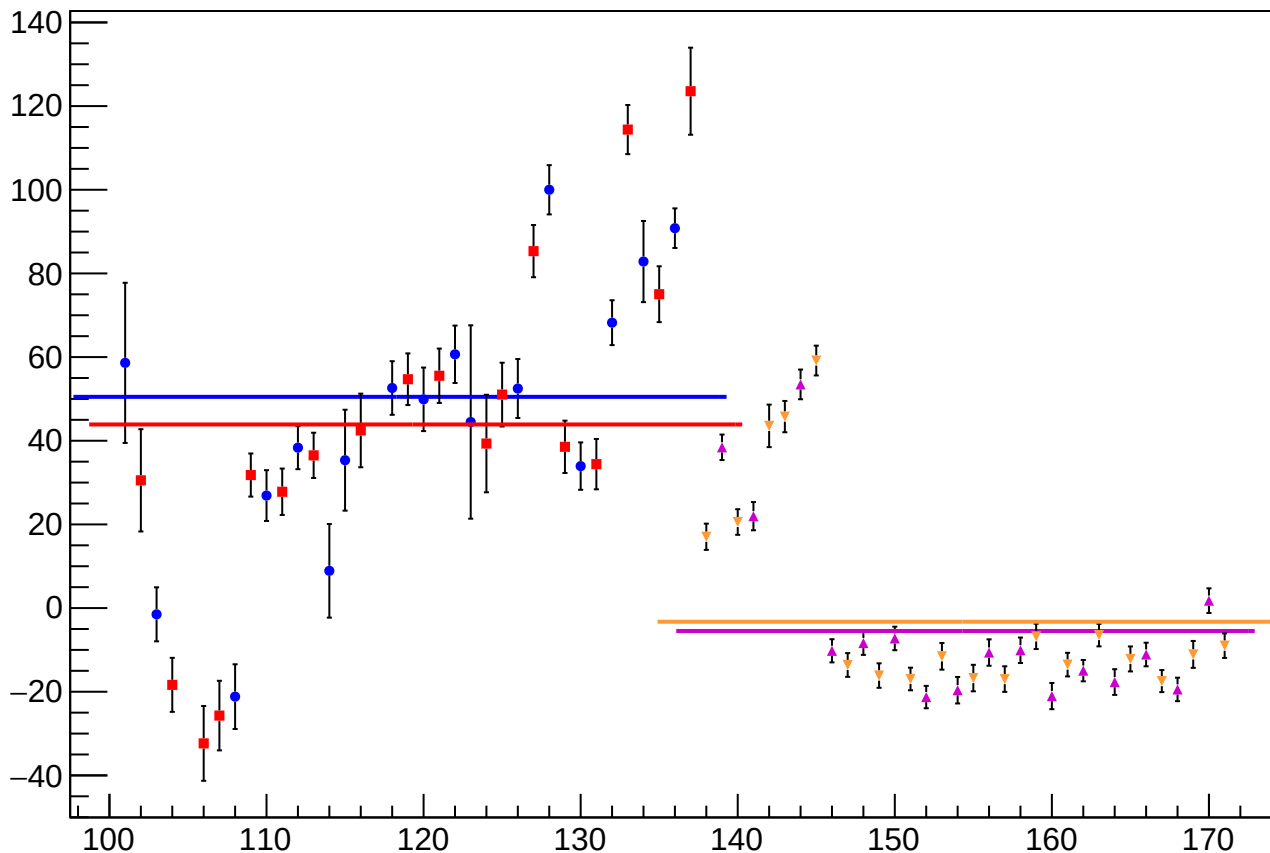
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.410 ± 0.468 χ^2/NDF : 398.3/32

Out: 11.765 ± 0.445 χ^2/NDF : 413.3/35

All: 11.597 ± 0.323 χ^2/NDF : 811.9/68

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497+/-1.671 χ^2/NDF : 363.2/16

Left Out: -3.261+/-0.721 χ^2/NDF : 833.6/17

Right Out: 43.895+/-1.604 χ^2/NDF : 531.7/17

Left In: -5.477+/-0.739 χ^2/NDF : 702.3/15

Left: -4.343+/-0.516 χ^2/NDF : 1540.5/33

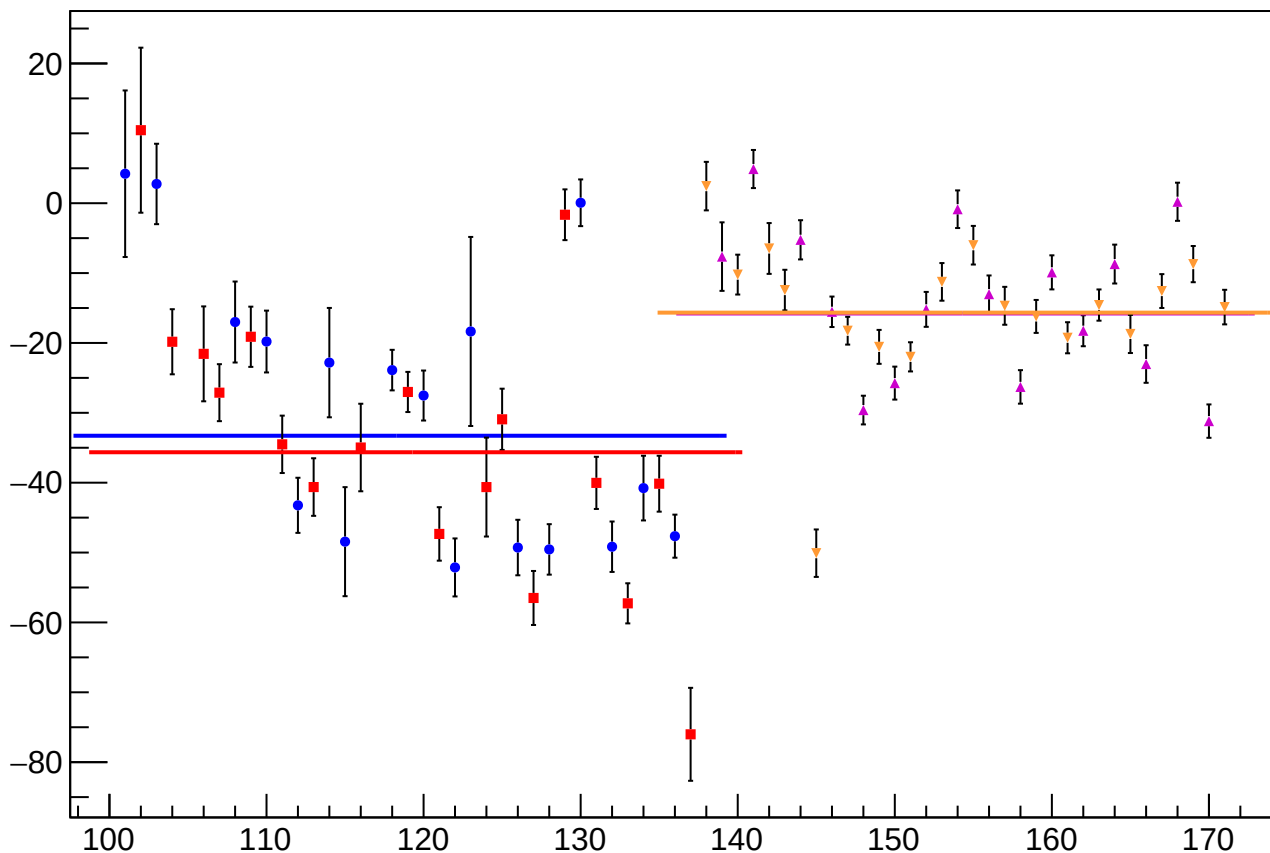
Right: 47.060+/-1.157 χ^2/NDF : 903.0/34

In: 3.675+/-0.676 χ^2/NDF : 2004.3/32

Out: 4.675+/-0.658 χ^2/NDF : 2084.5/35

All: 4.188+/-0.471 χ^2/NDF : 4089.9/68

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -15.660 ± 0.604 χ^2/NDF : 184.2/17

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -15.784 ± 0.634 χ^2/NDF : 285.2/15

Left: -15.719 ± 0.437 χ^2/NDF : 469.4/33

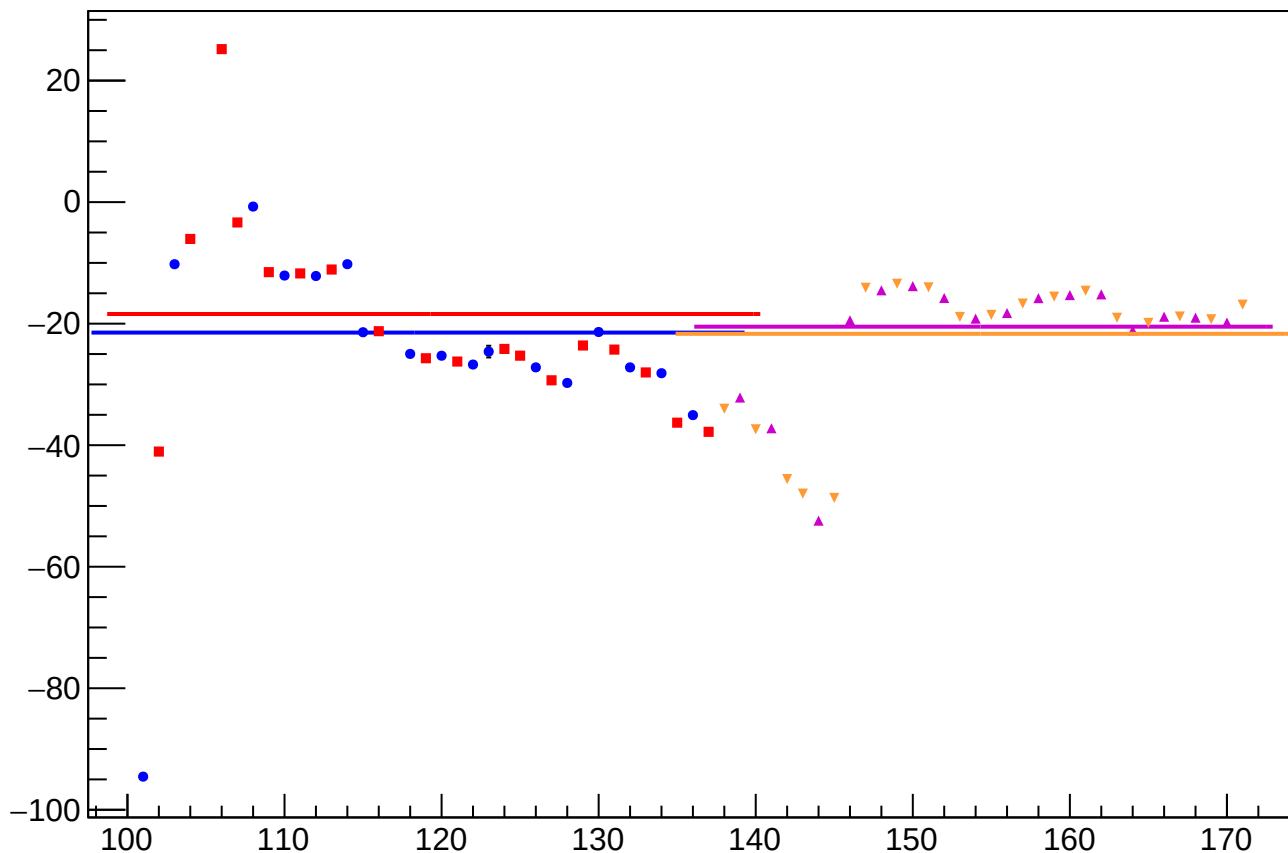
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.555 ± 0.540 χ^2/NDF : 786.0/32

Out: -21.057 ± 0.516 χ^2/NDF : 764.5/35

All: -20.818 ± 0.373 χ^2/NDF : 1551.0/68

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.670 ± 0.028 $\chi^2/\text{NDF}: 132706.1/17$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.497 ± 0.029 $\chi^2/\text{NDF}: 84454.8/15$

Left: -21.100 ± 0.020 $\chi^2/\text{NDF}: 218009.8/33$

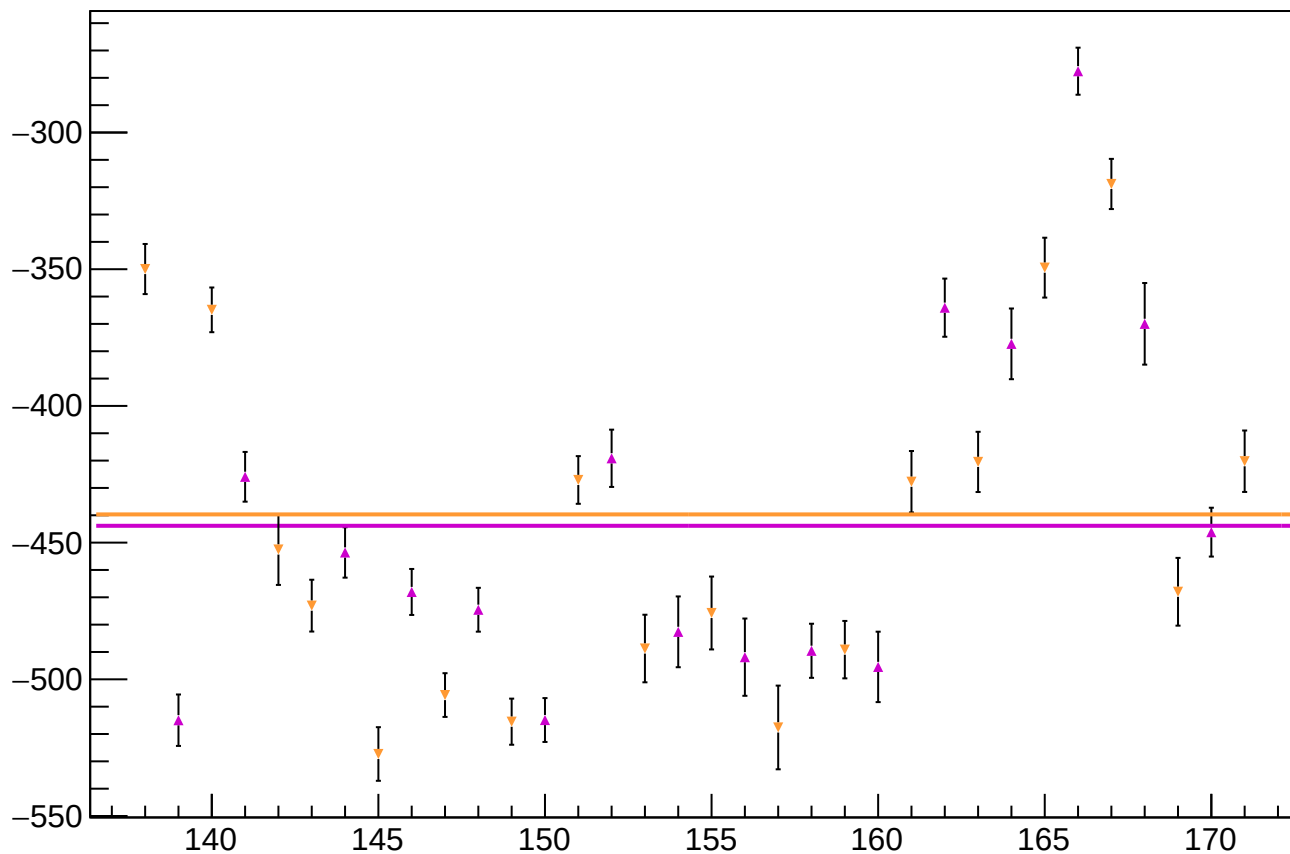
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.686 ± 0.026 $\chi^2/\text{NDF}: 133654.9/32$

Out: -21.041 ± 0.025 $\chi^2/\text{NDF}: 212896.0/35$

All: -20.868 ± 0.018 $\chi^2/\text{NDF}: 346647.2/68$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Left: -441.691+/-1.726 χ^2/NDF : 1458.1/33

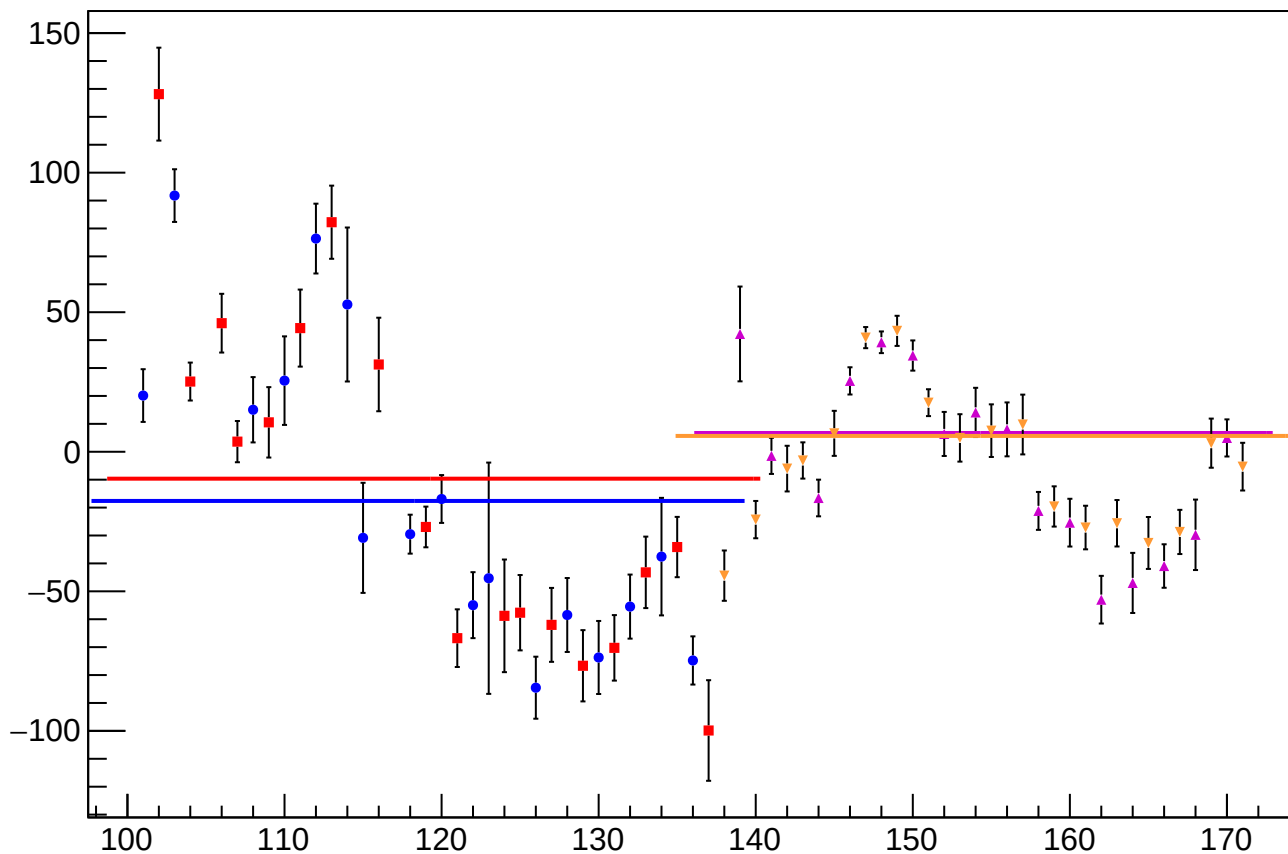
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -443.845+/-2.484 χ^2/NDF : 707.6/15

Out: -439.680+/-2.400 χ^2/NDF : 749.0/17

All: -441.691+/-1.726 χ^2/NDF : 1458.1/33

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 5.676 ± 1.635 χ^2/NDF : 278.0/17

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 6.725 ± 1.726 χ^2/NDF : 280.9/15

Left: 6.172 ± 1.187 χ^2/NDF : 559.1/33

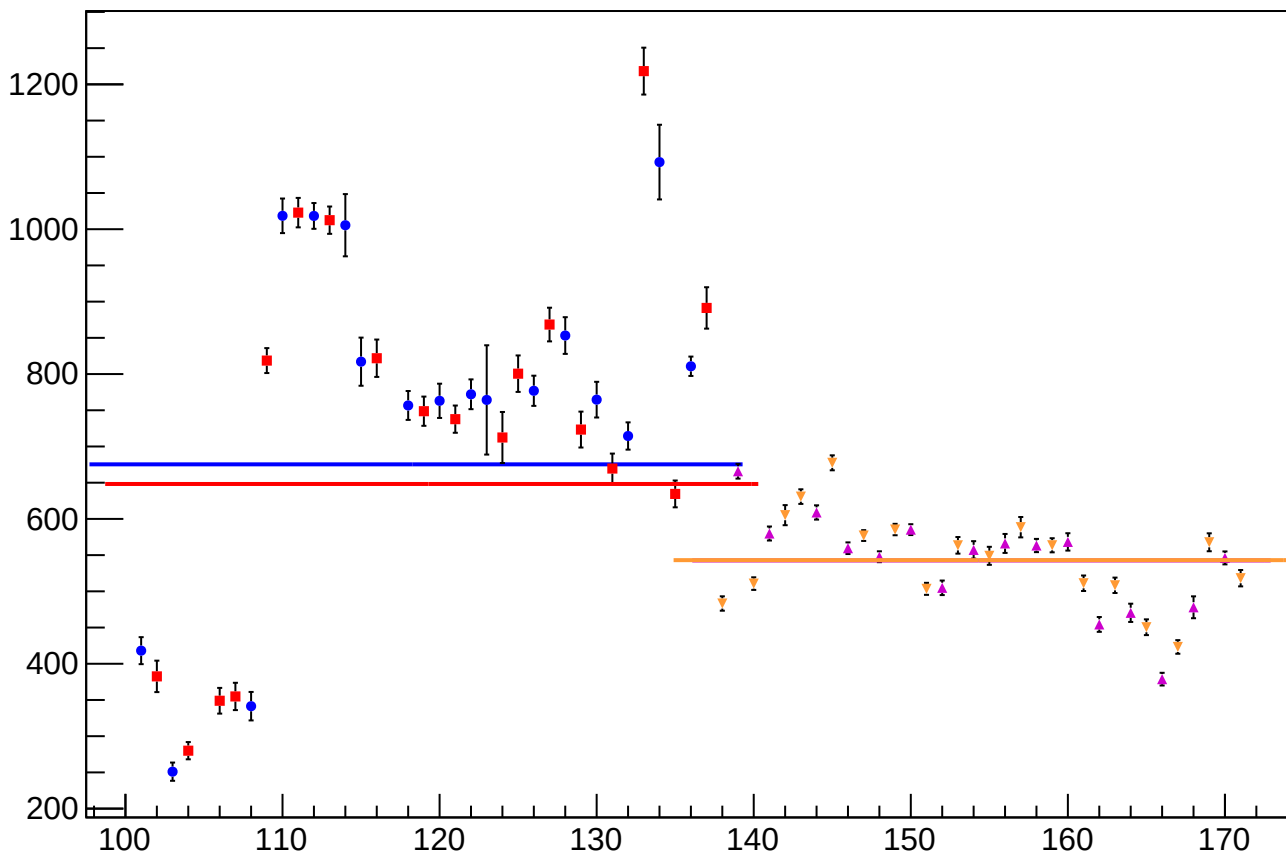
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: -0.027 ± 1.467 χ^2/NDF : 698.1/32

Out: 1.364 ± 1.386 χ^2/NDF : 663.4/35

All: 0.708 ± 1.008 χ^2/NDF : 1361.9/68

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 543.064+/-2.373 χ^2/NDF : 668.4/17

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 542.601+/-2.433 χ^2/NDF : 747.3/15

Left: 542.838+/-1.699 χ^2/NDF : 1415.8/33

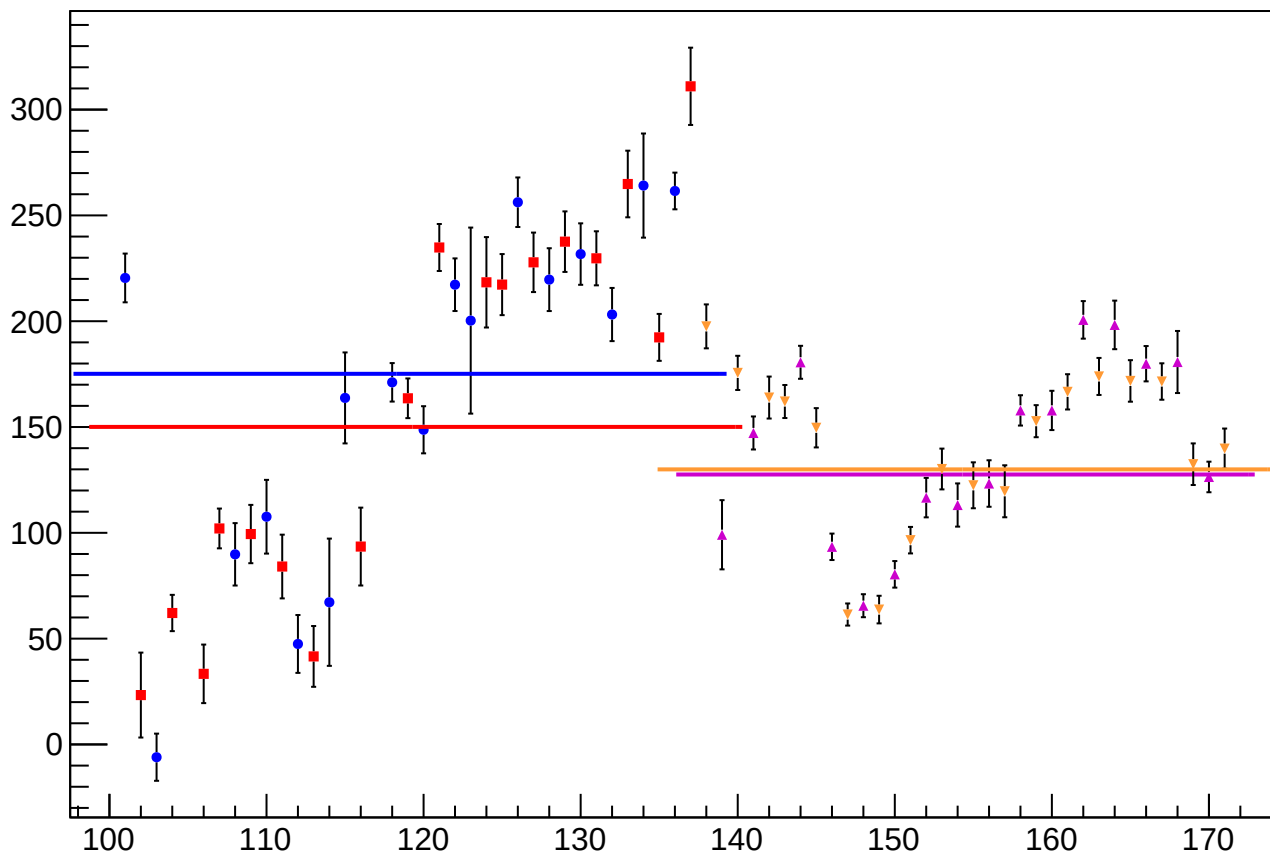
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 567.639+/-2.191 χ^2/NDF : 3891.5/32

Out: 563.896+/-2.125 χ^2/NDF : 4116.4/35

All: 565.710+/-1.526 χ^2/NDF : 8009.4/68

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 129.982 $\pm$ 1.945 χ^2 /NDF:508.5/17

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 127.558 $\pm$ 2.039 χ^2 /NDF:462.6/15

Left: 128.828 $\pm$ 1.407 χ^2 /NDF: 971.8/33

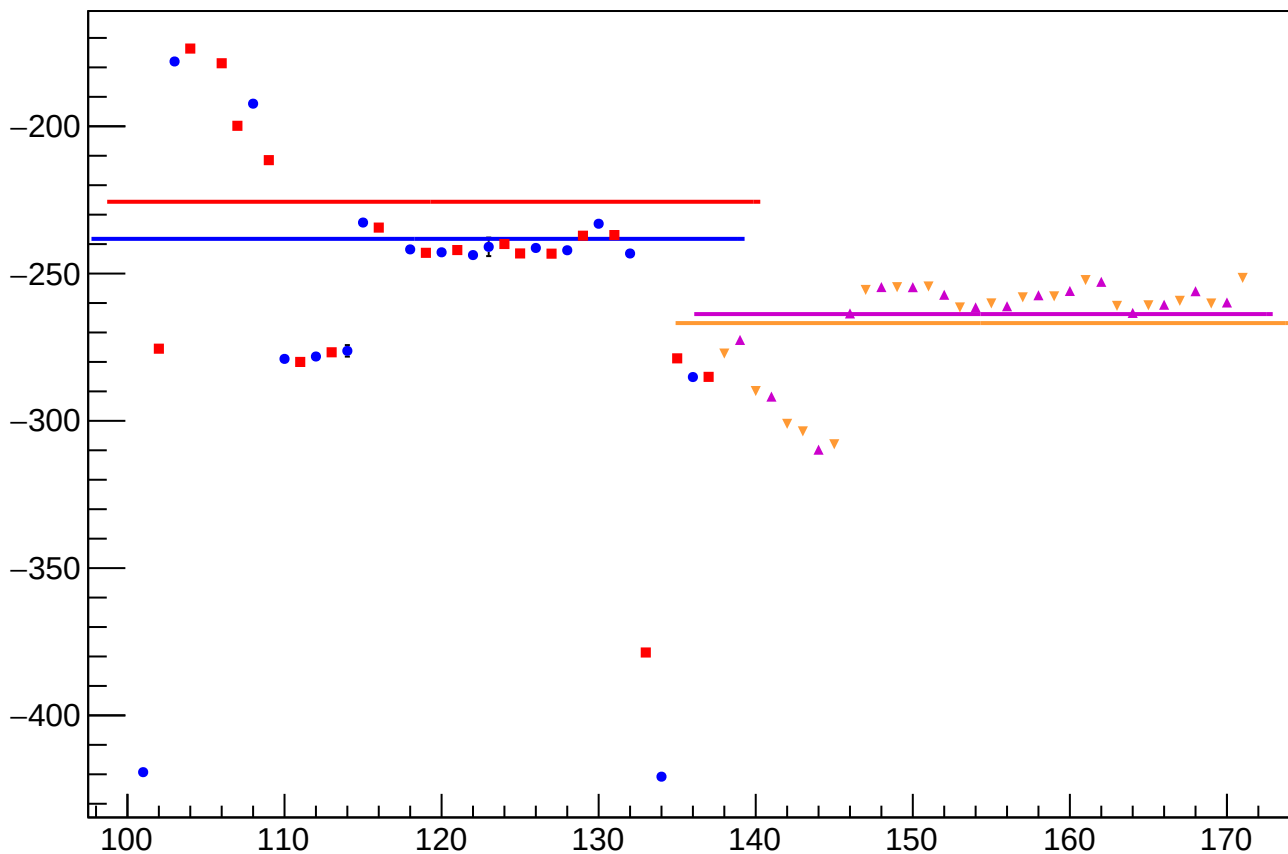
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 141.246 $\pm$ 1.721 χ^2 /NDF:1254.8/32

Out: 135.796 $\pm$ 1.639 χ^2 /NDF:1225.5/35

All: 138.388 $\pm$ 1.187 χ^2 /NDF: 2485.6/68

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -266.810+/-0.095 χ^2/NDF : 35112.6/17

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -263.755+/-0.097 χ^2/NDF : 20933.2/15

Left: -265.316+/-0.068 χ^2/NDF : 56554.2/33

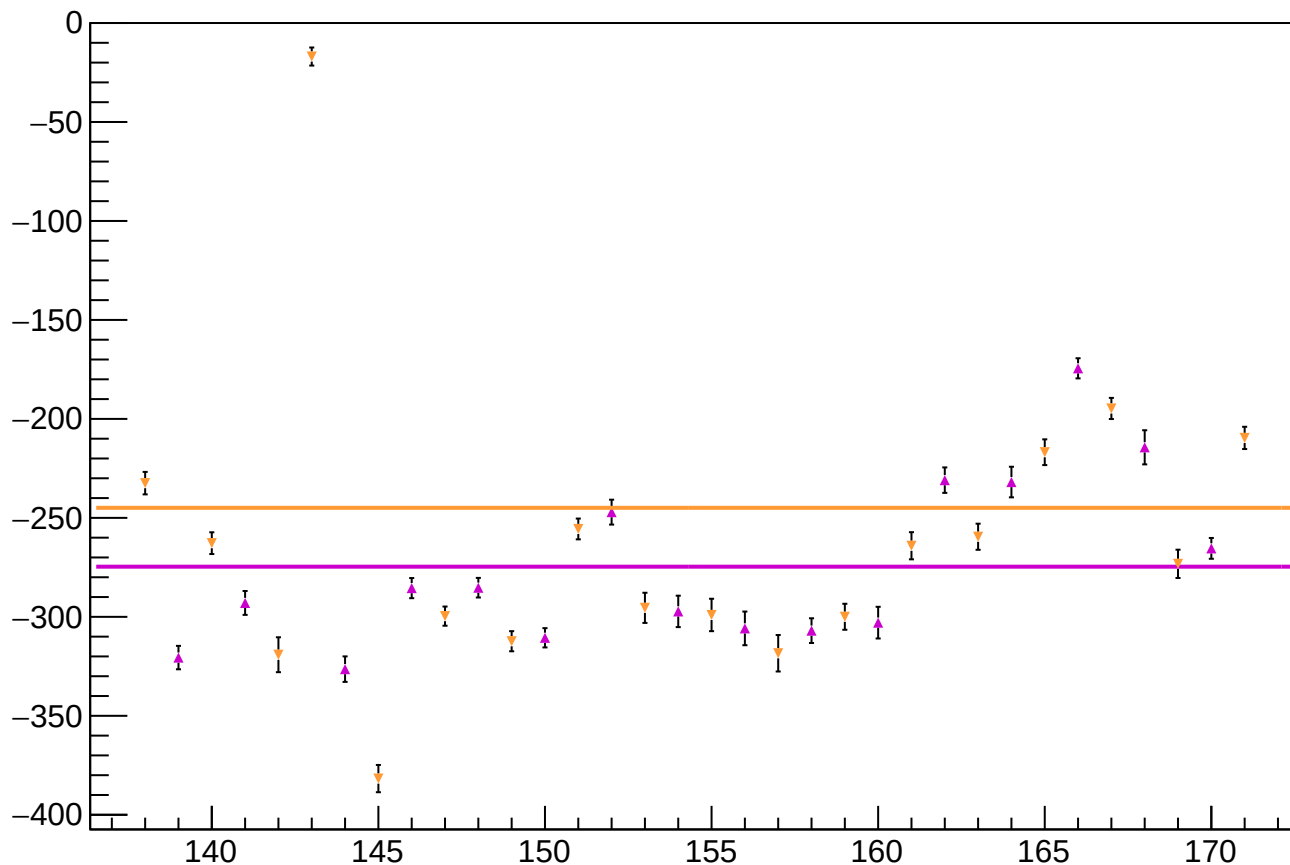
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.909+/-0.083 χ^2/NDF : 206663.8/32

Out: -255.236+/-0.080 χ^2/NDF : 183652.7/35

All: -256.047+/-0.058 χ^2/NDF : 390526.4/68

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -274.655+/-1.530 χ^2/NDF :794.4/15

Left: -258.841+/-1.047 χ^2/NDF : 4676.3/33

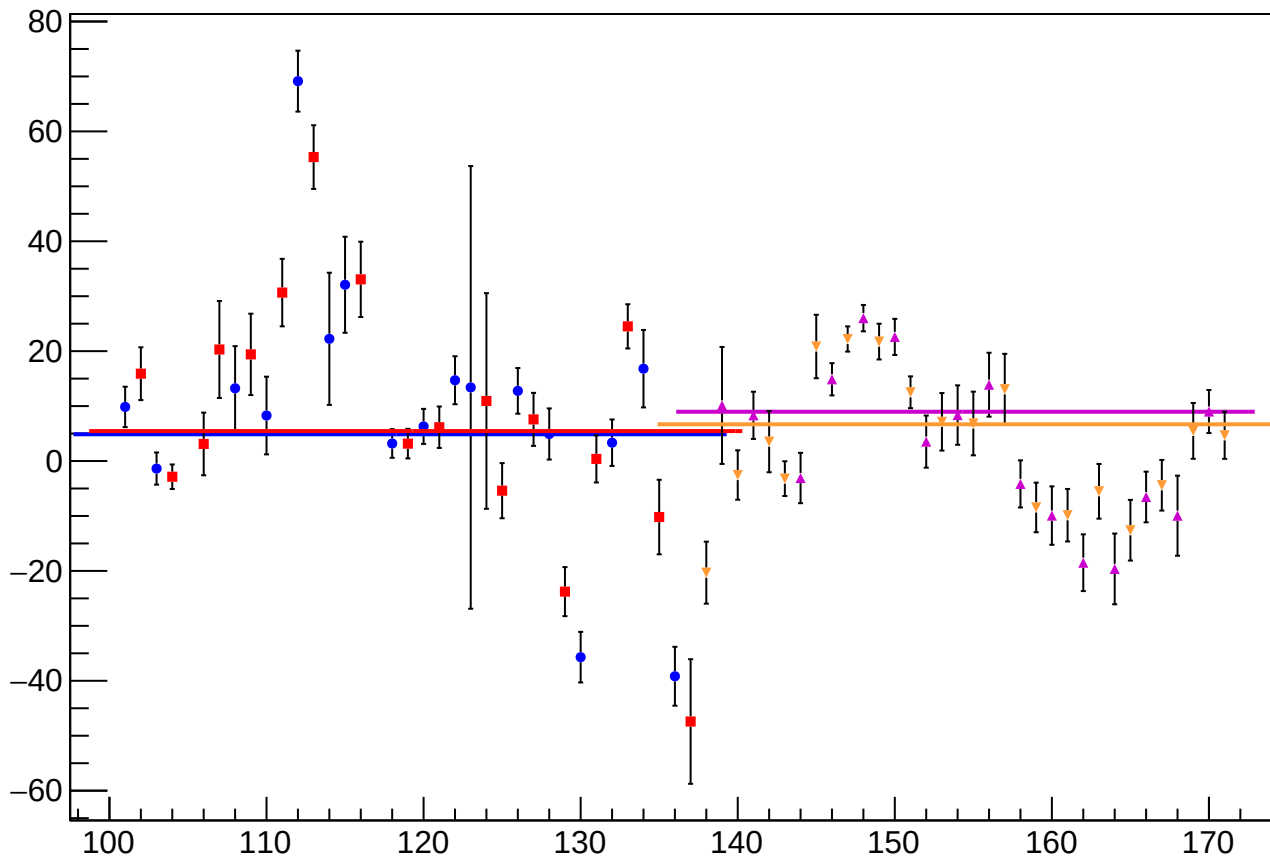
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -274.655+/-1.530 χ^2/NDF :794.4/15

Out: -244.915+/-1.436 χ^2/NDF :3681.0/17

All: -258.841+/-1.047 χ^2/NDF : 4676.3/33

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 6.683 ± 0.979 $\chi^2/\text{NDF}: 162.9/17$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 8.971 ± 1.064 $\chi^2/\text{NDF}: 168.8/15$

Left: 7.732 ± 0.720 $\chi^2/\text{NDF}: 334.2/33$

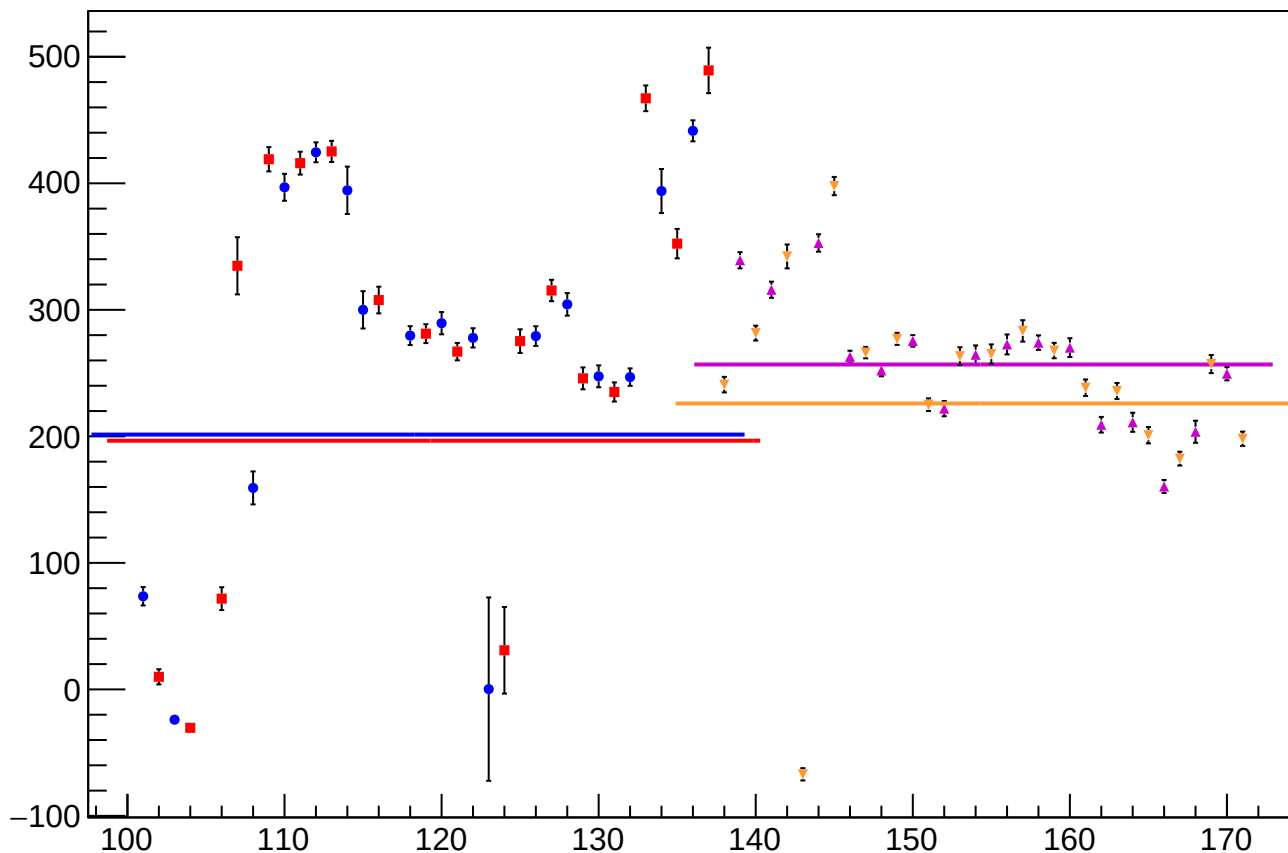
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 6.971 ± 0.762 $\chi^2/\text{NDF}: 487.6/32$

Out: 6.122 ± 0.723 $\chi^2/\text{NDF}: 395.2/35$

All: 6.524 ± 0.524 $\chi^2/\text{NDF}: 883.4/68$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 225.988 $\pm$ 1.420 χ^2 /NDF: 4910.4/17

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 256.804 $\pm$ 1.496 χ^2 /NDF: 996.0/15

Left: 240.600 $\pm$ 1.030 χ^2 /NDF: 6129.6/33

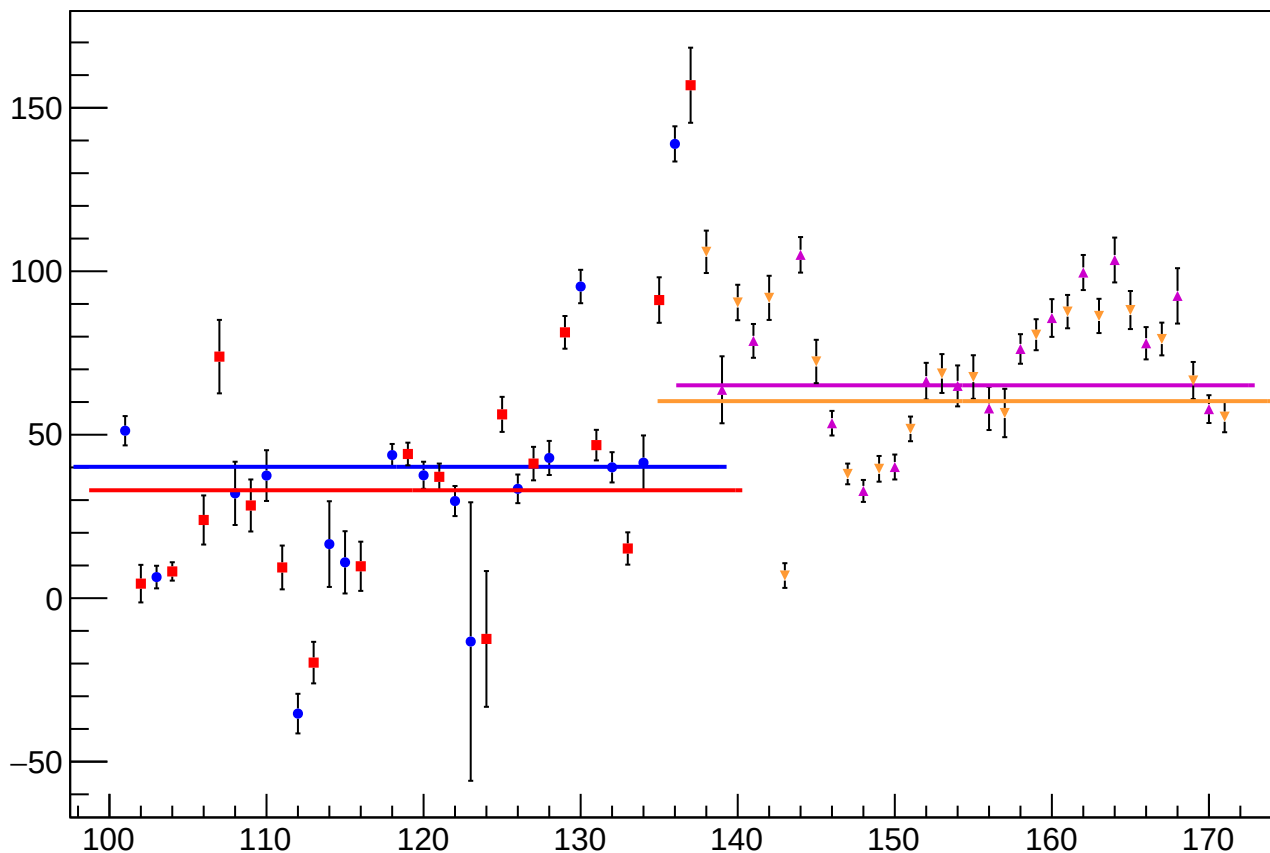
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 236.594 $\pm$ 1.192 χ^2 /NDF: 8236.9/32

Out: 215.660 $\pm$ 1.144 χ^2 /NDF: 13239.1/35

All: 225.698 $\pm$ 0.825 χ^2 /NDF: 21636.5/68

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 60.273 ± 1.162 $\chi^2/\text{NDF}: 502.3/17$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 65.115 ± 1.256 $\chi^2/\text{NDF}: 318.4/15$

Left: 62.507 ± 0.853 $\chi^2/\text{NDF}: 828.8/33$

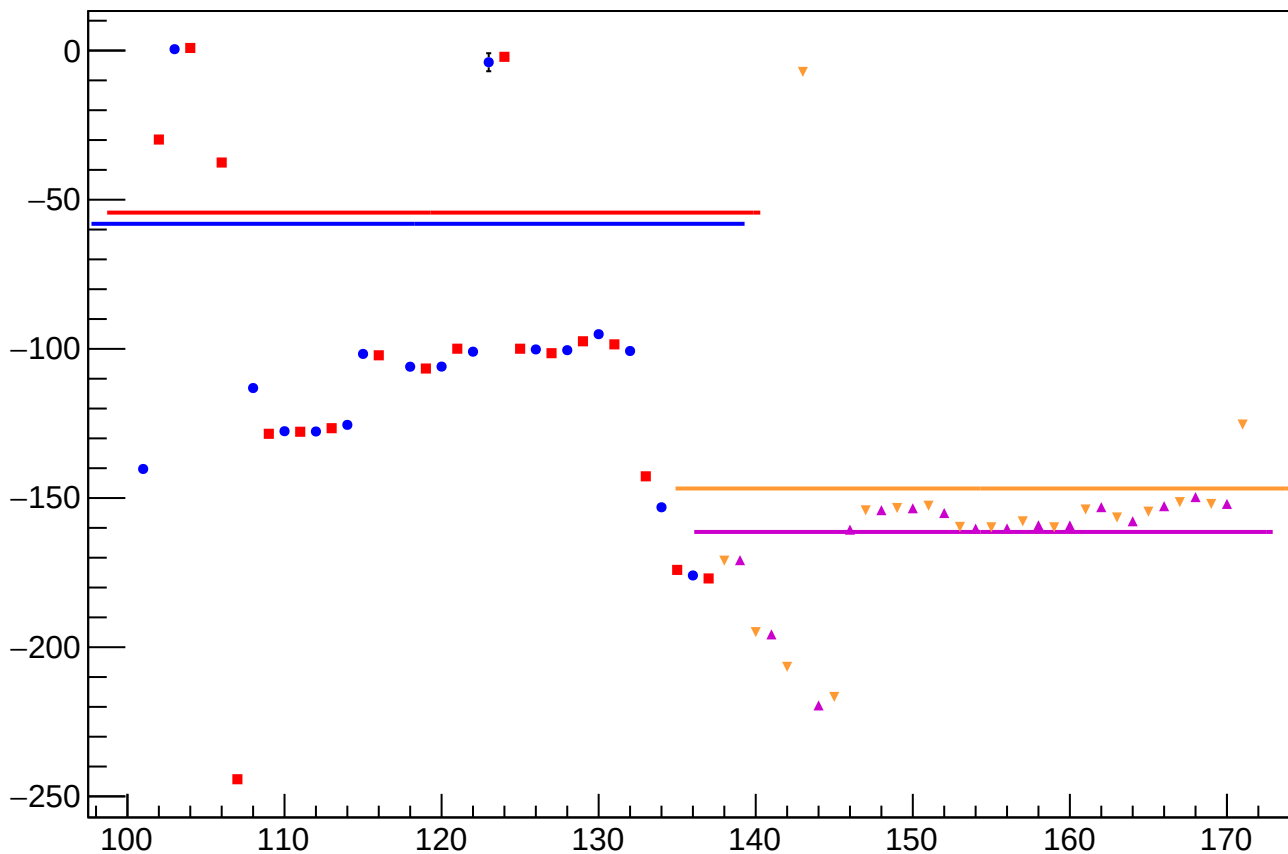
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 52.786 ± 0.893 $\chi^2/\text{NDF}: 1247.3/32$

Out: 47.661 ± 0.852 $\chi^2/\text{NDF}: 1304.0/35$

All: 50.103 ± 0.616 $\chi^2/\text{NDF}: 2568.6/68$

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: -146.798 ± 0.057 $\chi^2/\text{NDF}: 669506.2/17$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -161.362 ± 0.060 $\chi^2/\text{NDF}: 66625.6/15$

Left: -153.703 ± 0.041 $\chi^2/\text{NDF}: 767618.4/33$

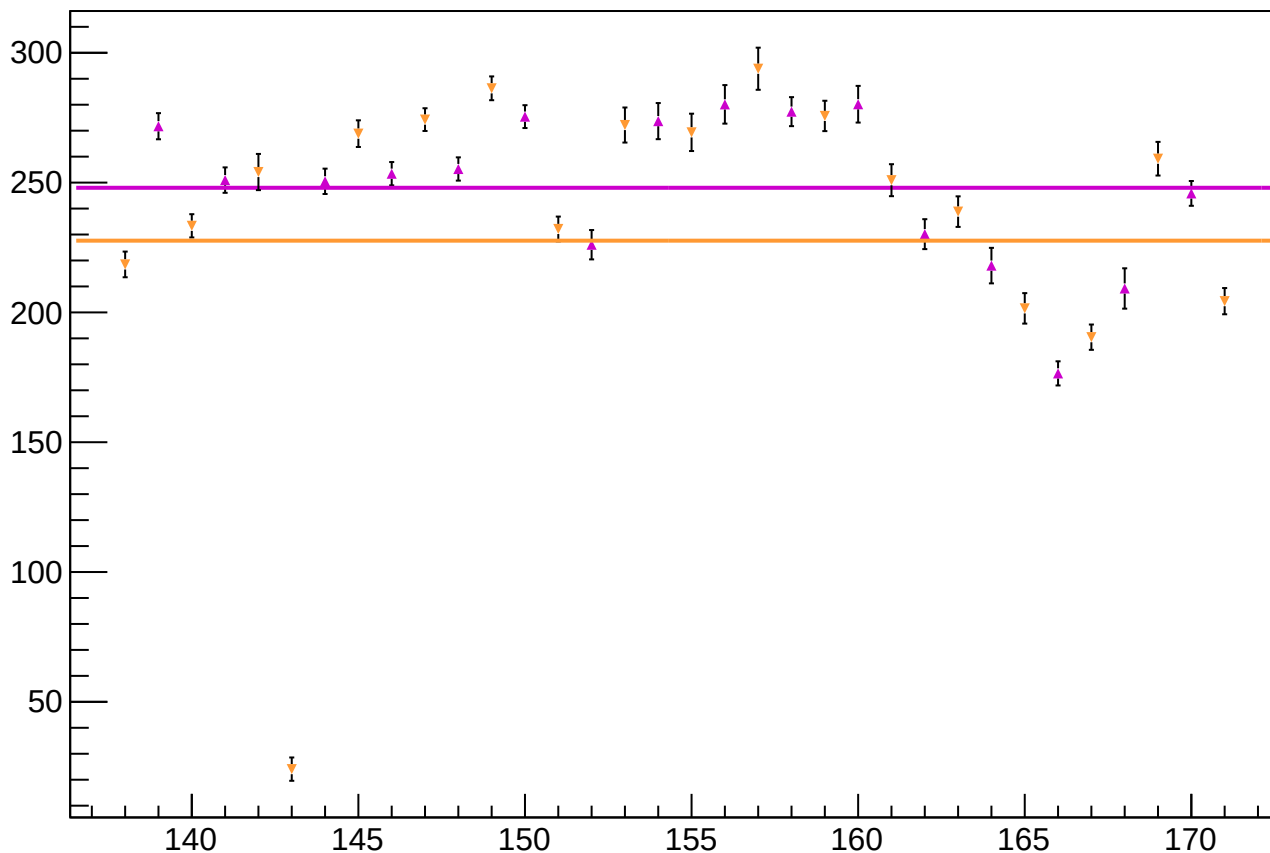
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -111.509 ± 0.043 $\chi^2/\text{NDF}: 2624473.0/32$

Out: -103.661 ± 0.041 $\chi^2/\text{NDF}: 2909600.3/35$

All: -107.442 ± 0.030 $\chi^2/\text{NDF}: 5551486.5/68$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 227.636+/-1.273 χ^2/NDF :2768.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 248.004+/-1.343 χ^2/NDF :451.6/15

Left: 237.271+/-0.924 χ^2/NDF : 3341.0/33

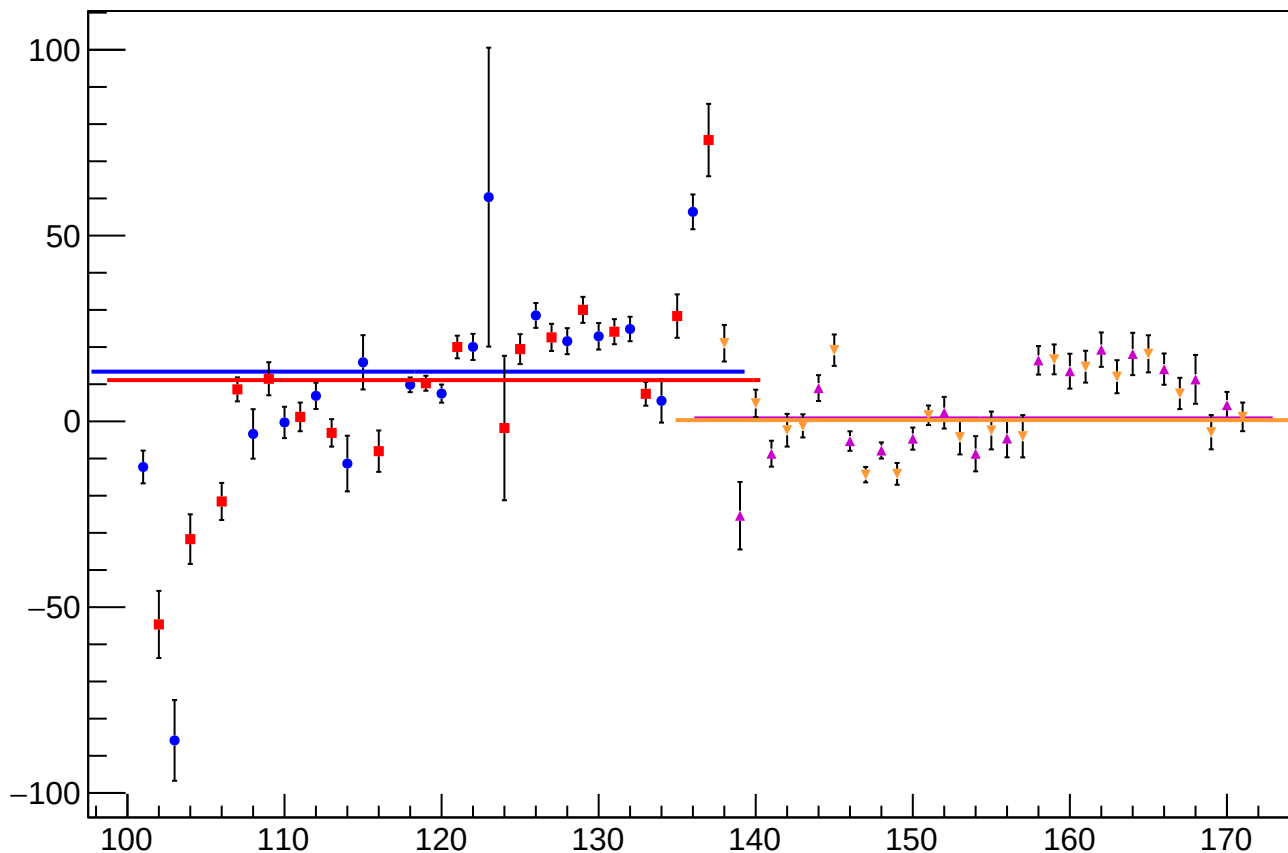
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 248.004+/-1.343 χ^2/NDF :451.6/15

Out: 227.636+/-1.273 χ^2/NDF :2768.3/17

All: 237.271+/-0.924 χ^2/NDF : 3341.0/33

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.341 ± 0.873 χ^2/NDF : 166.9/17

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.803 ± 0.939 χ^2/NDF : 113.7/15

Left: 0.555 ± 0.639 χ^2/NDF : 280.7/33

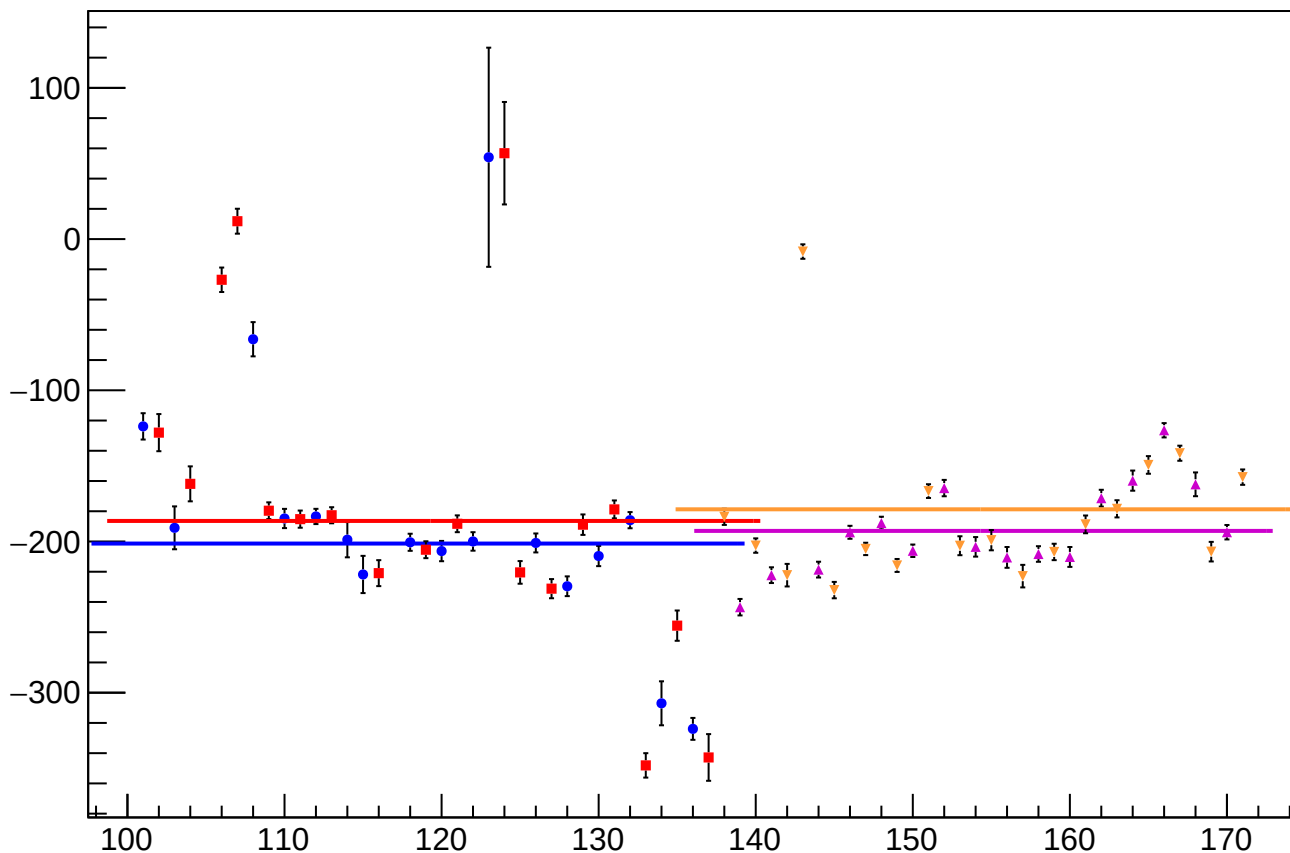
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.212 ± 0.657 χ^2/NDF : 499.3/32

Out: 5.466 ± 0.632 χ^2/NDF : 531.5/35

All: 6.304 ± 0.456 χ^2/NDF : 1034.5/68

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -178.721 ± 1.261 χ^2/NDF : 1752.2/17

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -192.998 ± 1.317 χ^2/NDF : 458.1/15

Left: -185.551 ± 0.911 χ^2/NDF : 2271.6/33

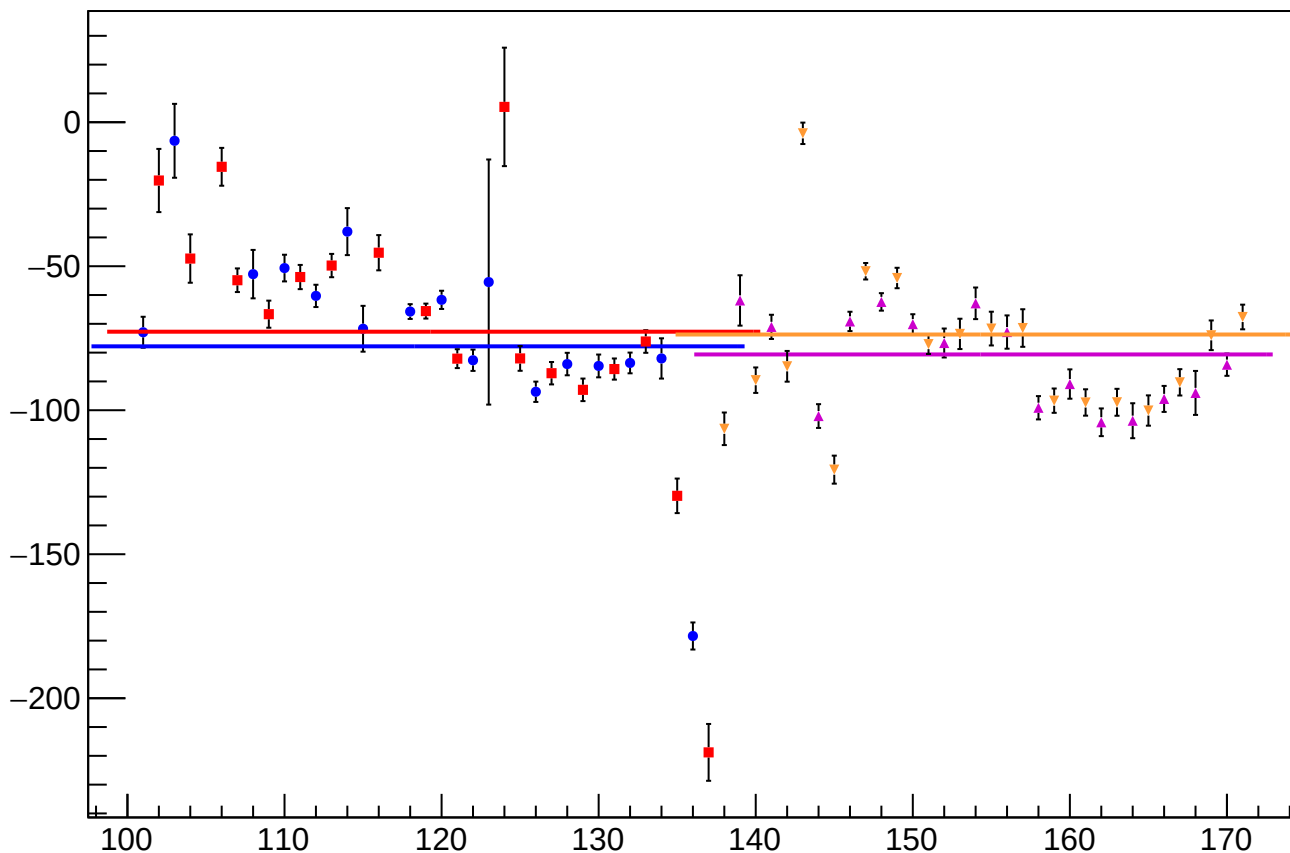
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -195.951 ± 1.059 χ^2/NDF : 1097.3/32

Out: -181.443 ± 1.014 χ^2/NDF : 3464.8/35

All: -188.376 ± 0.732 χ^2/NDF : 4660.0/68

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: -73.709 ± 1.035 χ^2/NDF : 708.9/17

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -80.632 ± 1.107 χ^2/NDF : 185.6/15

Left: -76.938 ± 0.756 χ^2/NDF : 915.3/33

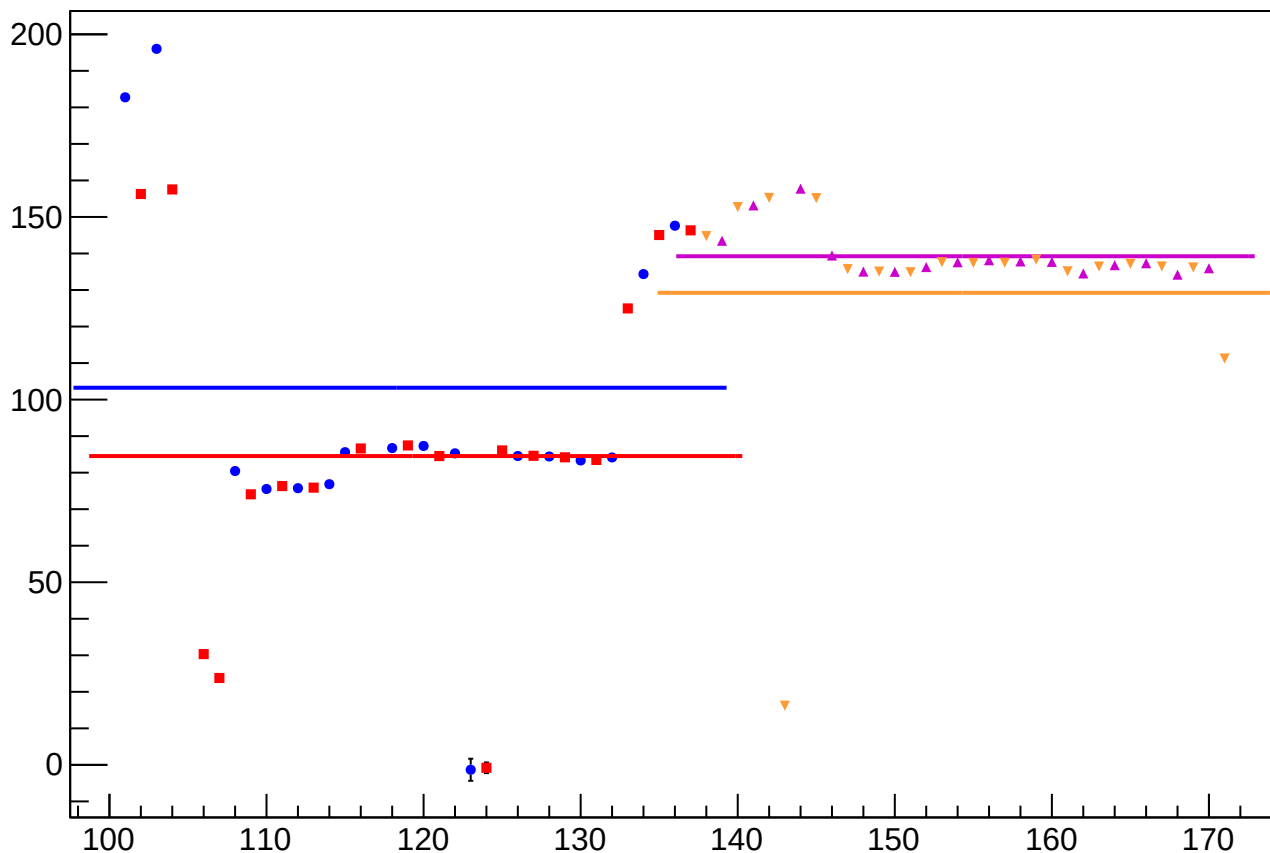
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -79.174 ± 0.769 χ^2/NDF : 845.3/32

Out: -73.230 ± 0.738 χ^2/NDF : 1308.3/35

All: -76.083 ± 0.533 χ^2/NDF : 2184.7/68

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 129.241 $\pm$ 0.050 χ^2 /NDF: 409660.4/17

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 139.243 $\pm$ 0.052 χ^2 /NDF: 14188.6/15

Left: 134.021 $\pm$ 0.036 χ^2 /NDF: 442858.7/33

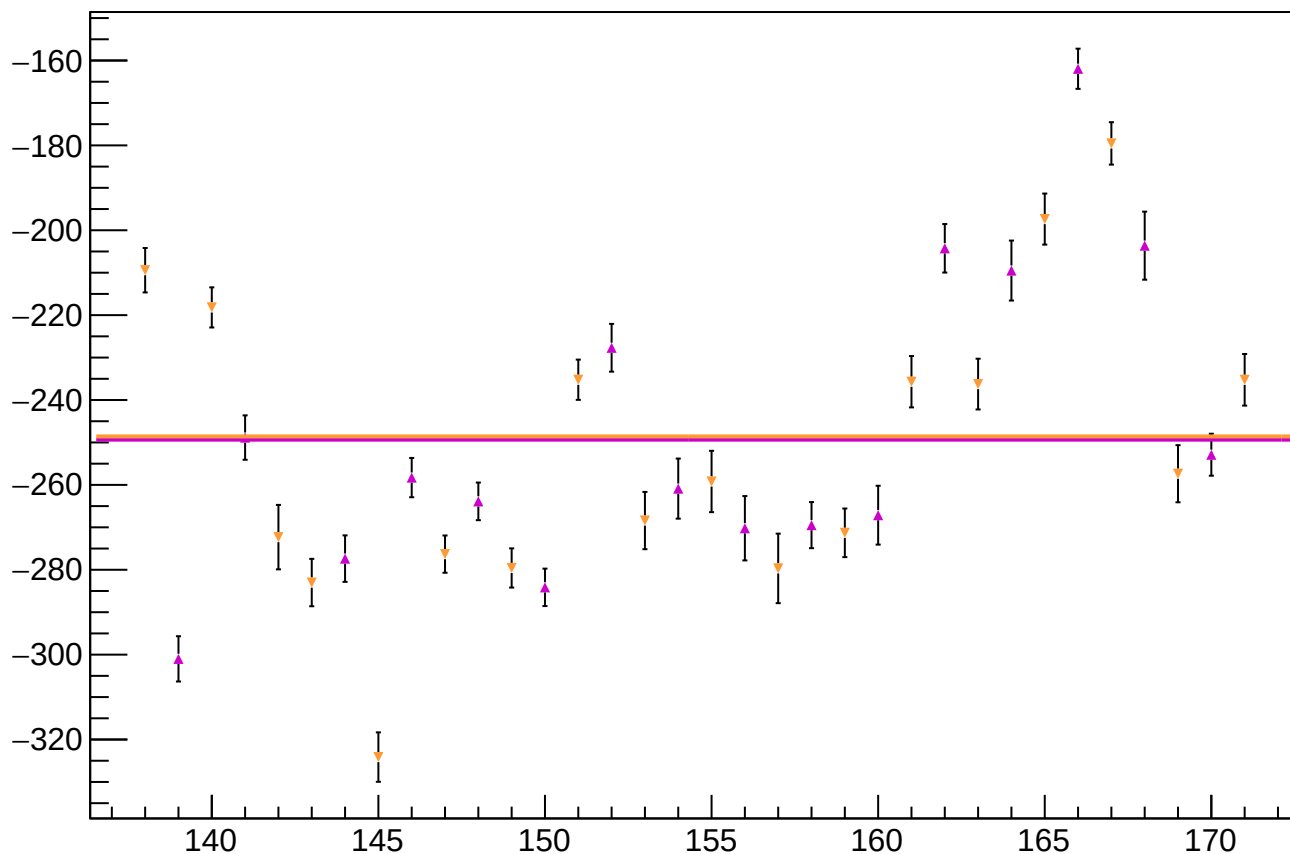
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 126.419 $\pm$ 0.042 χ^2 /NDF: 455586.8/32

Out: 112.207 $\pm$ 0.039 χ^2 /NDF: 1123776.7/35

All: 118.860 $\pm$ 0.029 χ^2 /NDF: 1640099.2/68

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Left: -248.951+/-0.957 χ^2/NDF : 1436.1/33

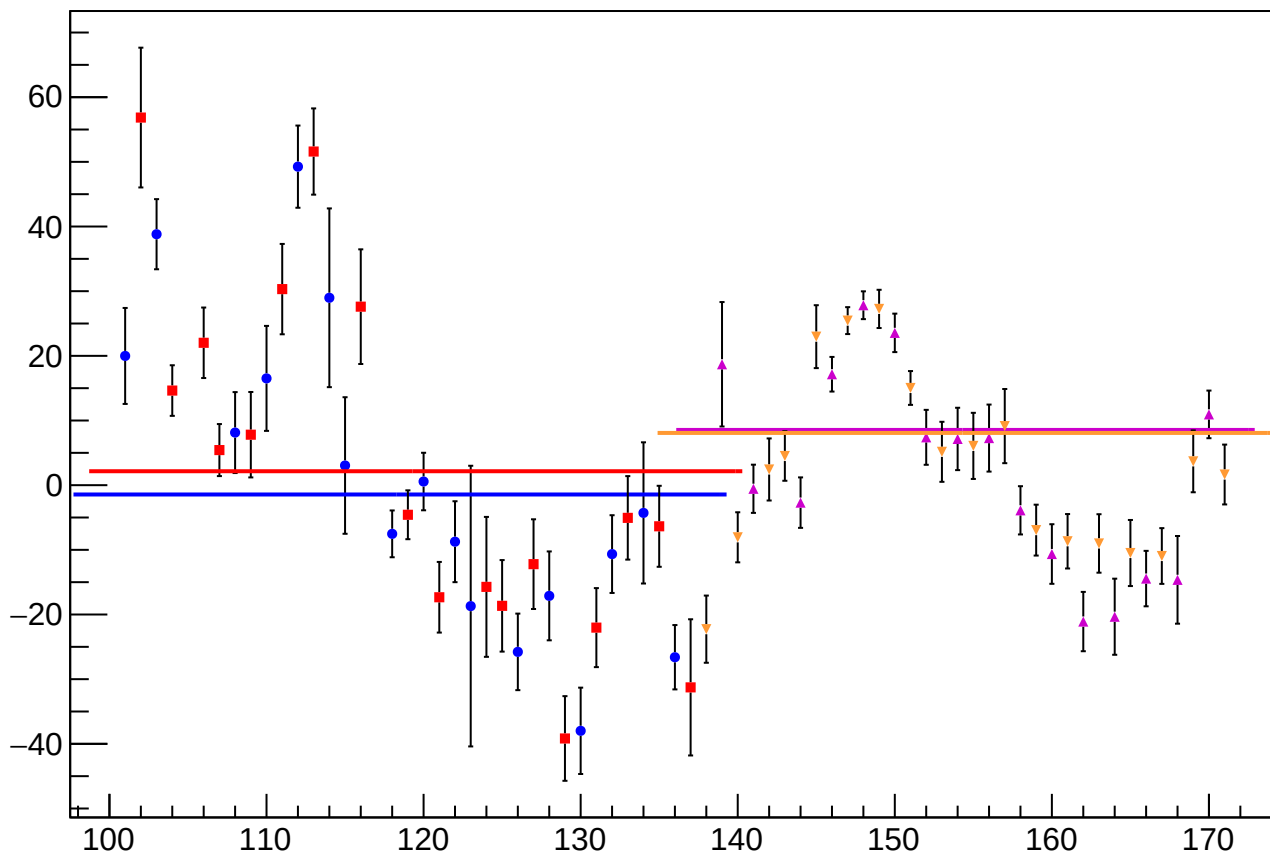
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -249.339+/-1.375 χ^2/NDF : 709.9/15

Out: -248.585+/-1.334 χ^2/NDF : 726.0/17

All: -248.951+/-0.957 χ^2/NDF : 1436.1/33

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 8.080 ± 0.907 χ^2/NDF : 262.7/17

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 8.543 ± 0.954 χ^2/NDF : 267.0/15

Left: 8.300 ± 0.657 χ^2/NDF : 529.9/33

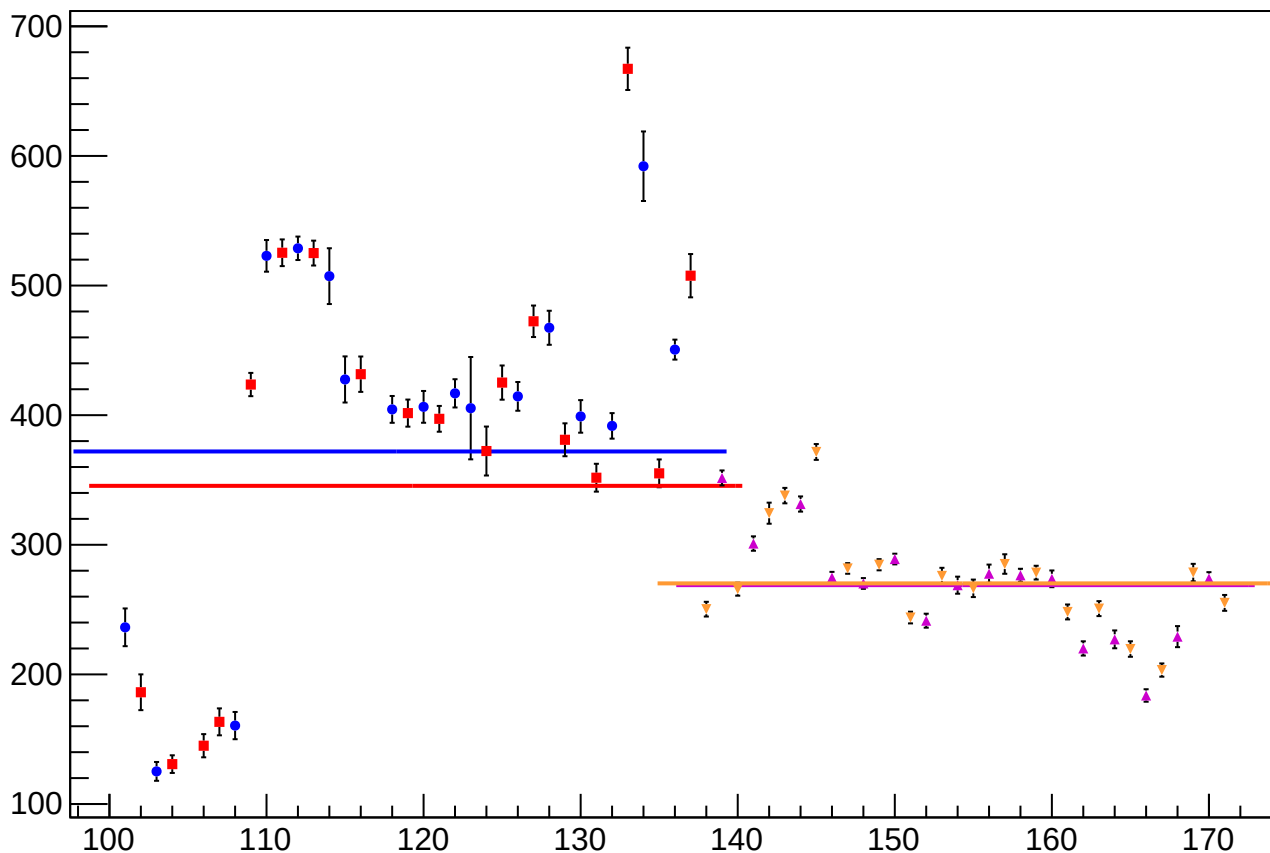
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 5.710 ± 0.808 χ^2/NDF : 522.5/32

Out: 6.332 ± 0.761 χ^2/NDF : 505.5/35

All: 6.040 ± 0.554 χ^2/NDF : 1028.3/68

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 270.223 $\pm$ 1.315 χ^2 /NDF: 799.0/17

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 268.863 $\pm$ 1.344 χ^2 /NDF: 860.9/15

Left: 269.558 $\pm$ 0.940 χ^2 /NDF: 1660.4/33

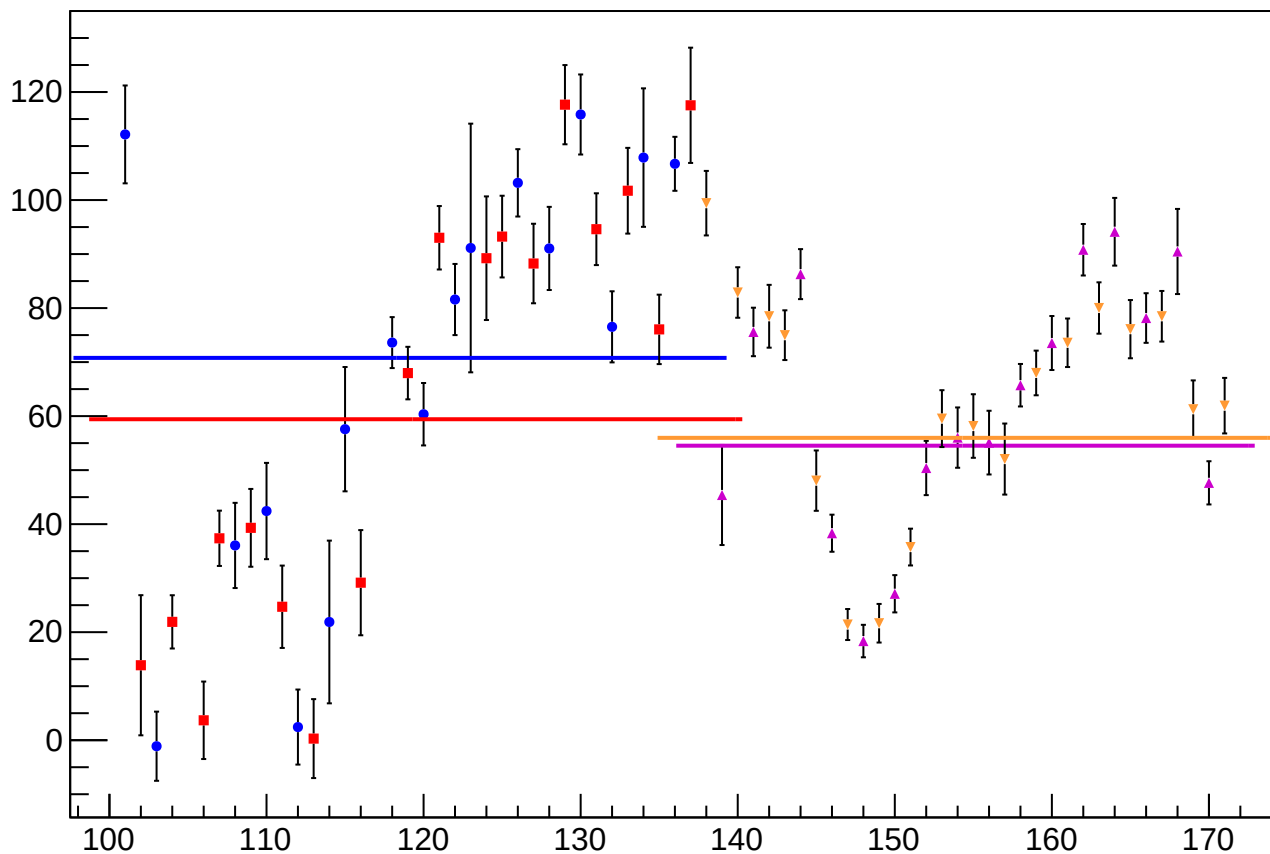
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 288.566 $\pm$ 1.208 χ^2 /NDF: 4417.8/32

Out: 285.888 $\pm$ 1.170 χ^2 /NDF: 4882.5/35

All: 287.184 $\pm$ 0.841 χ^2 /NDF: 9302.9/68

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 55.976 $\pm$ 1.077 χ^2 /NDF: 482.2/17

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 54.525 $\pm$ 1.126 χ^2 /NDF: 471.5/15

Left: 55.283 $\pm$ 0.779 χ^2 /NDF: 954.6/33

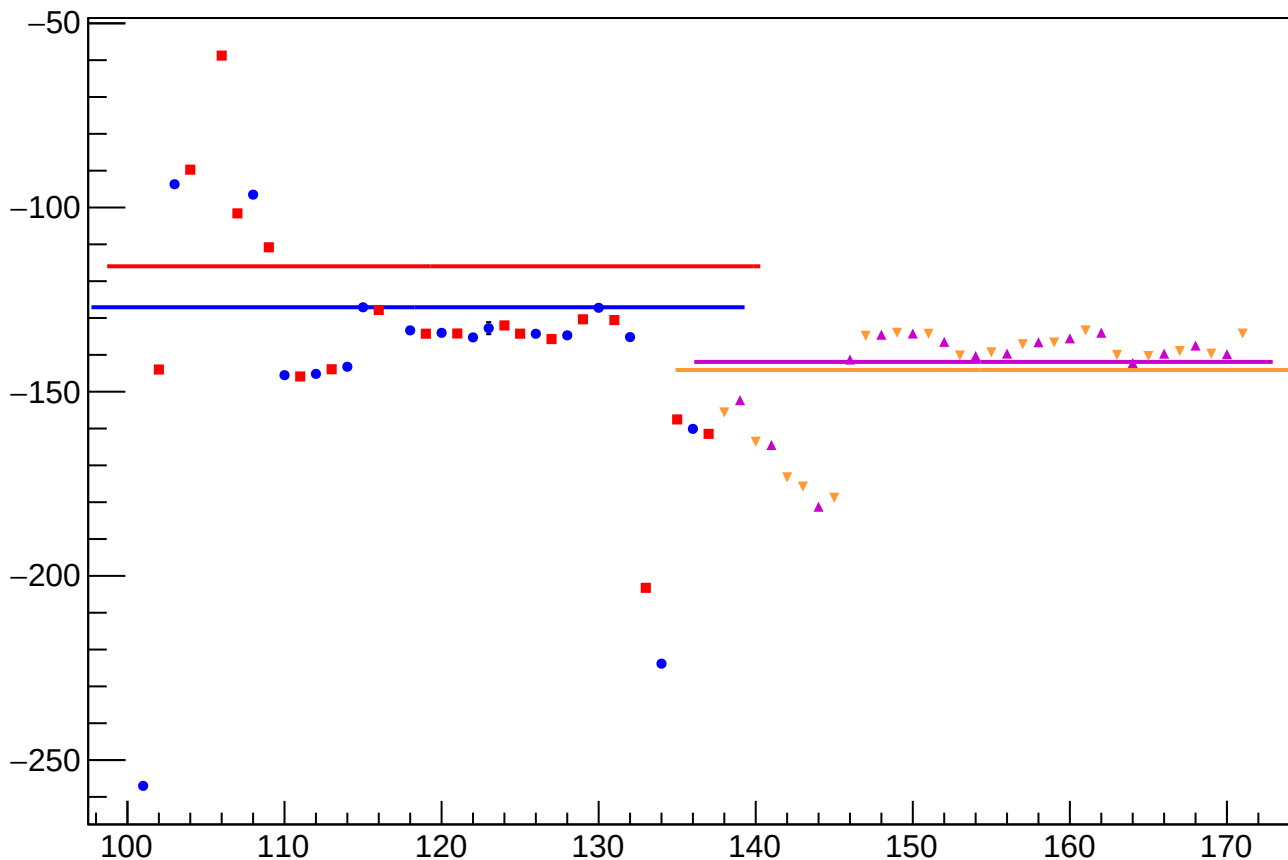
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.300 $\pm$ 0.947 χ^2 /NDF: 956.6/32

Out: 57.022 $\pm$ 0.899 χ^2 /NDF: 971.9/35

All: 58.102 $\pm$ 0.652 χ^2 /NDF: 1931.6/68

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -144.107+/-0.052 χ^2/NDF : 73212.8/17

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -141.910+/-0.053 χ^2/NDF : 43993.5/15

Left: -143.030+/-0.037 χ^2/NDF : 118067.9/33

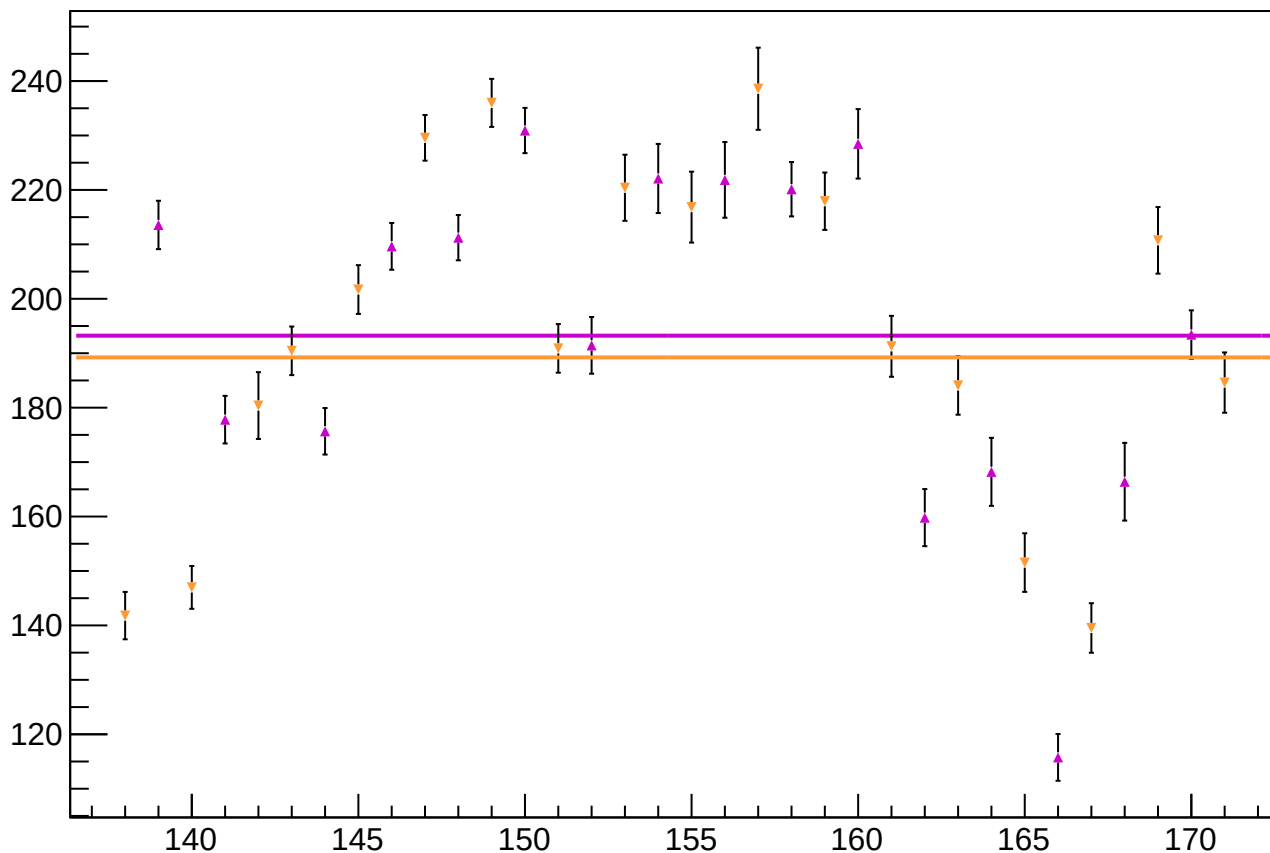
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.014+/-0.046 χ^2/NDF : 231266.2/32

Out: -136.085+/-0.044 χ^2/NDF : 314397.5/35

All: -137.016+/-0.032 χ^2/NDF : 546578.0/68

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: 189.231+/-1.182 χ^2/NDF : 748.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Left: 191.148+/-0.852 χ^2/NDF : 1412.0/33

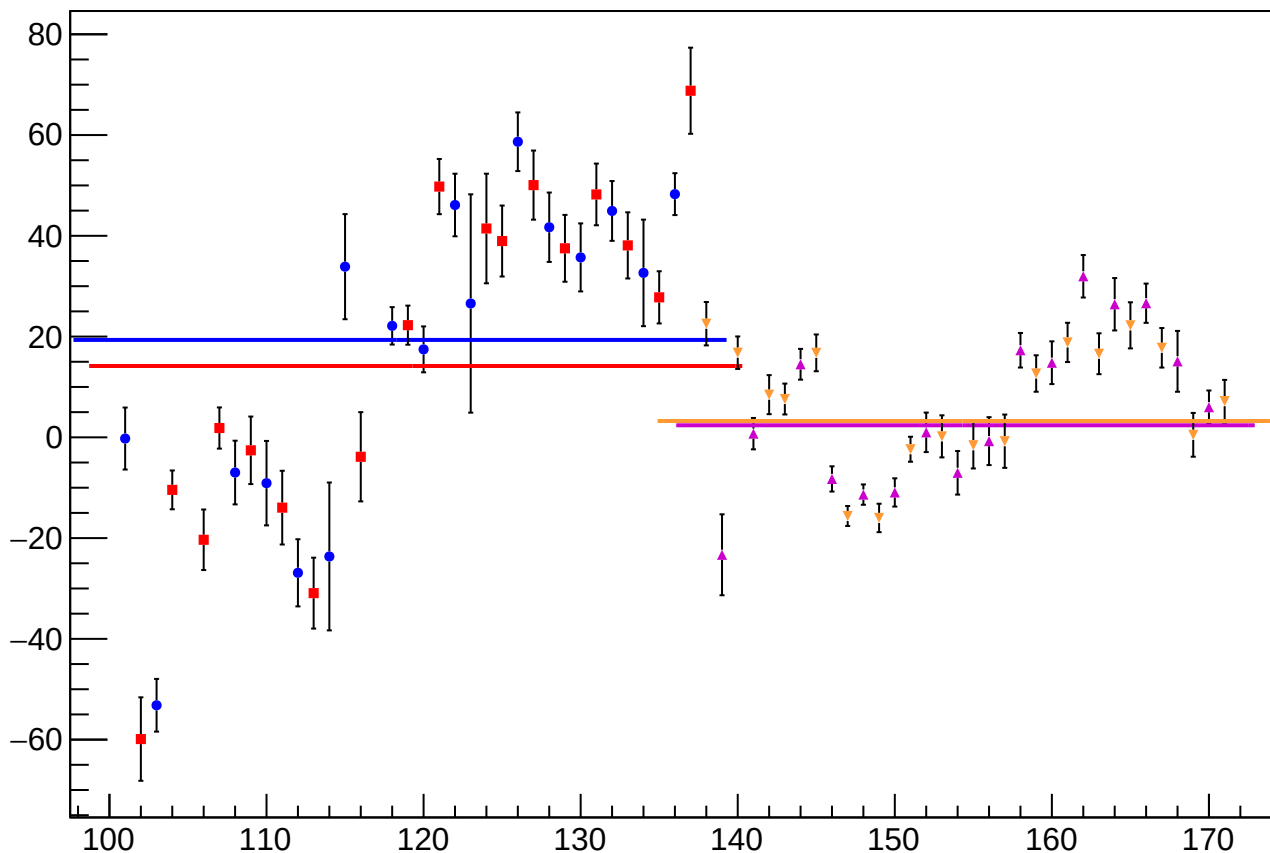
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 193.225+/-1.230 χ^2/NDF : 658.1/15

Out: 189.231+/-1.182 χ^2/NDF : 748.5/17

All: 191.148+/-0.852 χ^2/NDF : 1412.0/33

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 3.244 ± 0.815 χ^2/NDF : 265.2/17

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: 2.392 ± 0.864 χ^2/NDF : 261.1/15

Left: 2.843 ± 0.593 χ^2/NDF : 526.8/33

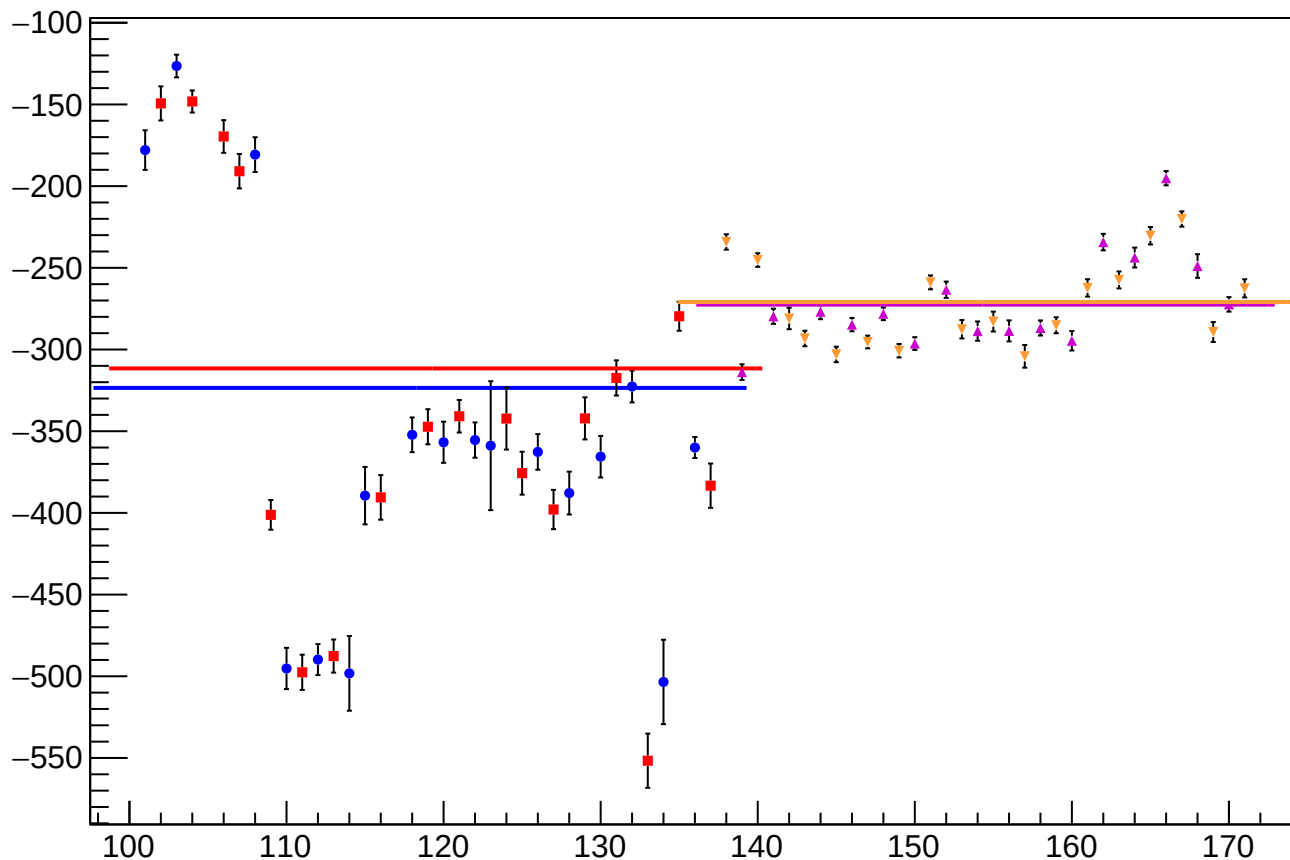
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 6.690 ± 0.747 χ^2/NDF : 798.4/32

Out: 6.034 ± 0.703 χ^2/NDF : 737.1/35

All: 6.342 ± 0.512 χ^2/NDF : 1536.0/68

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -270.938 ± 1.173 χ^2/NDF : 508.8/17

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -272.534 ± 1.208 χ^2/NDF : 568.8/15

Left: -271.712 ± 0.842 χ^2/NDF : 1078.5/33

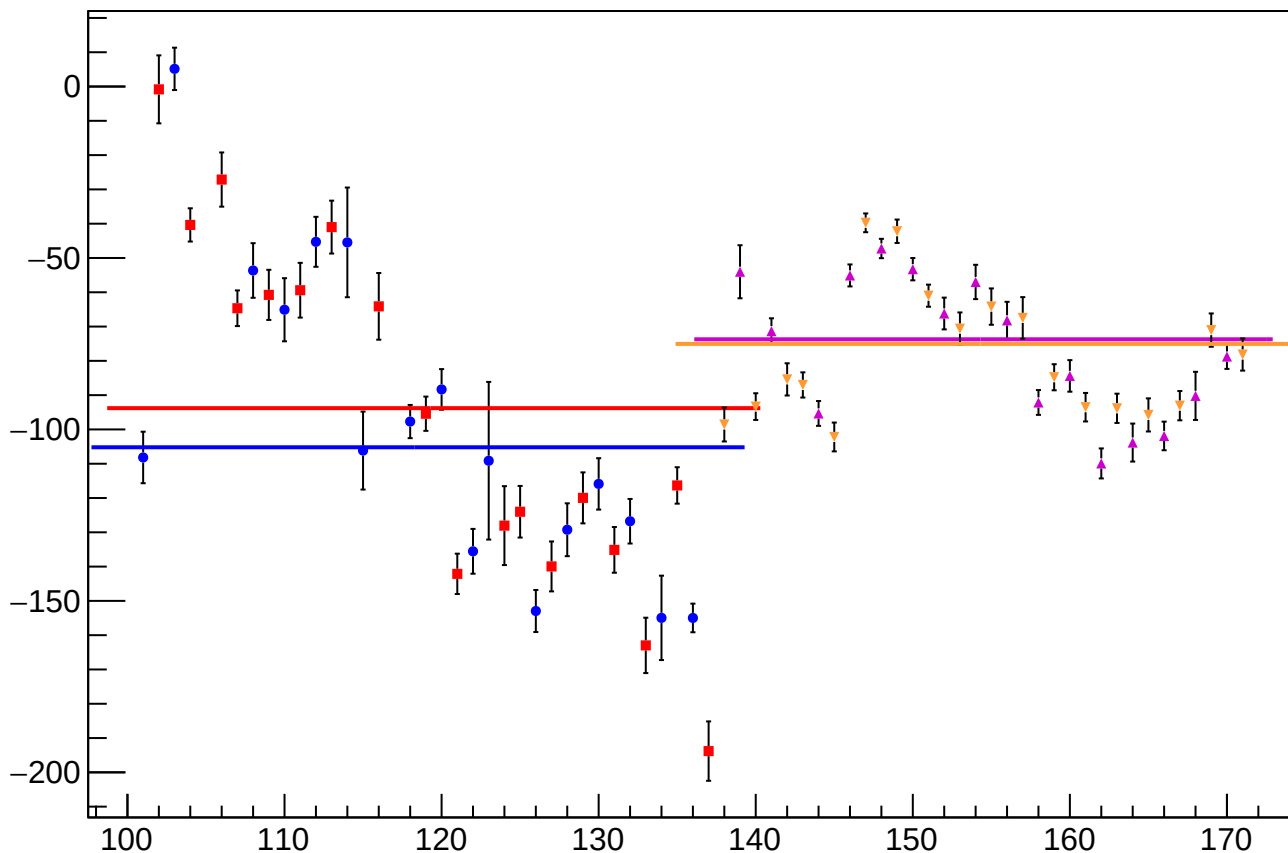
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -281.183 ± 1.101 χ^2/NDF : 2718.2/32

Out: -278.142 ± 1.064 χ^2/NDF : 2965.4/35

All: -279.611 ± 0.765 χ^2/NDF : 5687.5/68

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 $\chi^2/\text{NDF}: 735.6/16$

Left Out: -75.059 ± 0.965 $\chi^2/\text{NDF}: 469.3/17$

Right Out: -93.793 ± 1.611 $\chi^2/\text{NDF}: 815.4/17$

Left In: -73.712 ± 1.018 $\chi^2/\text{NDF}: 401.0/15$

Left: -74.421 ± 0.700 $\chi^2/\text{NDF}: 871.3/33$

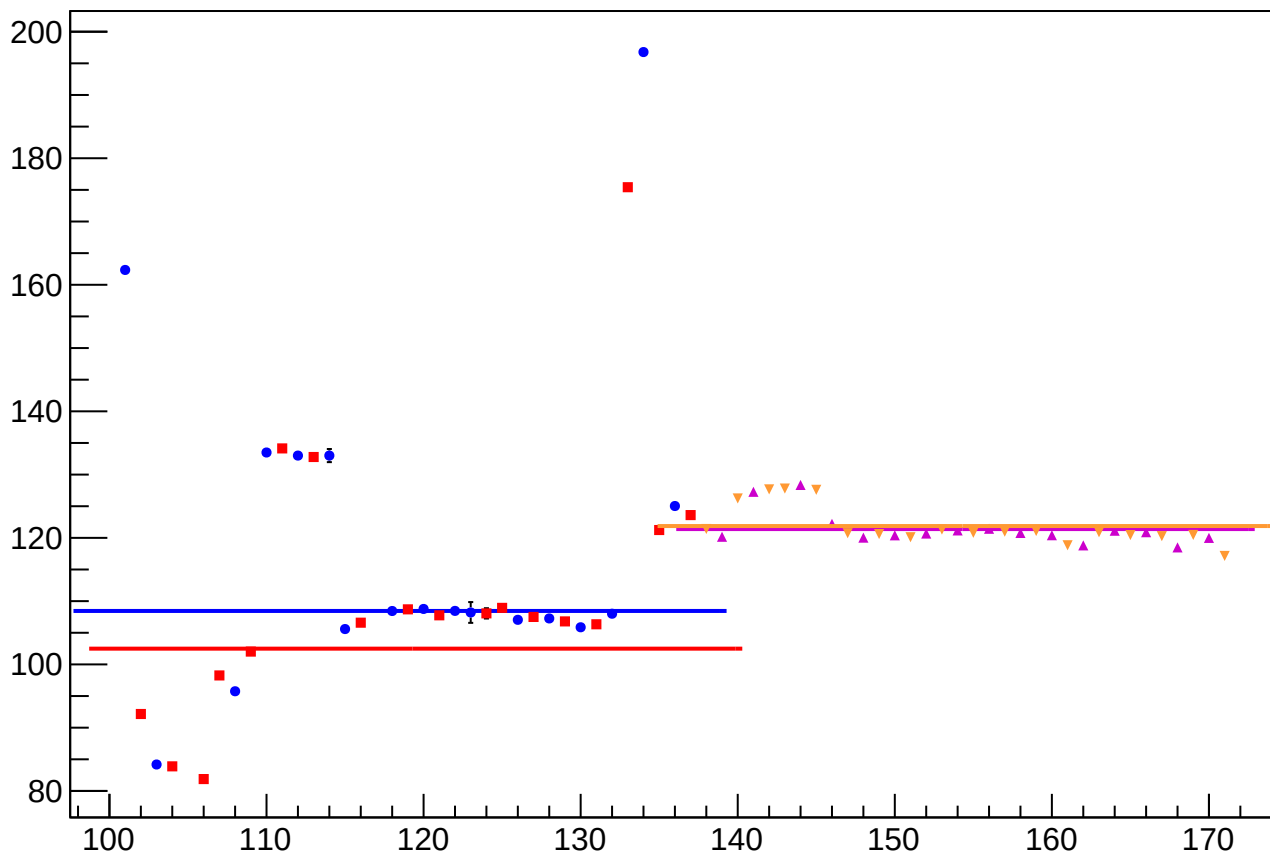
Right: -99.203 ± 1.168 $\chi^2/\text{NDF}: 1574.8/34$

In: -82.044 ± 0.873 $\chi^2/\text{NDF}: 1390.0/32$

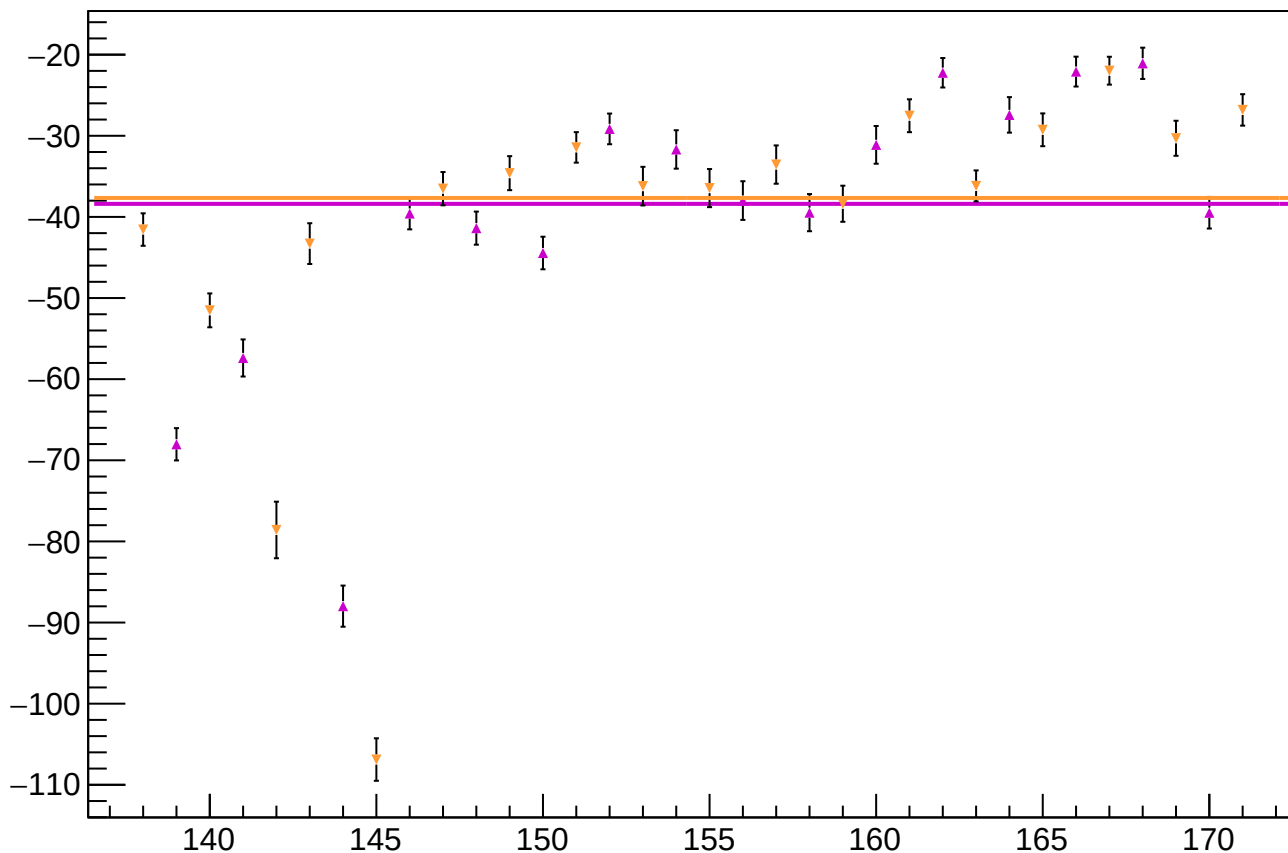
Out: -80.008 ± 0.828 $\chi^2/\text{NDF}: 1384.2/35$

All: -80.973 ± 0.601 $\chi^2/\text{NDF}: 2777.1/68$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.391+/-0.520 χ^2/NDF :990.5/15

Left: -38.015+/-0.362 χ^2/NDF : 2067.2/33

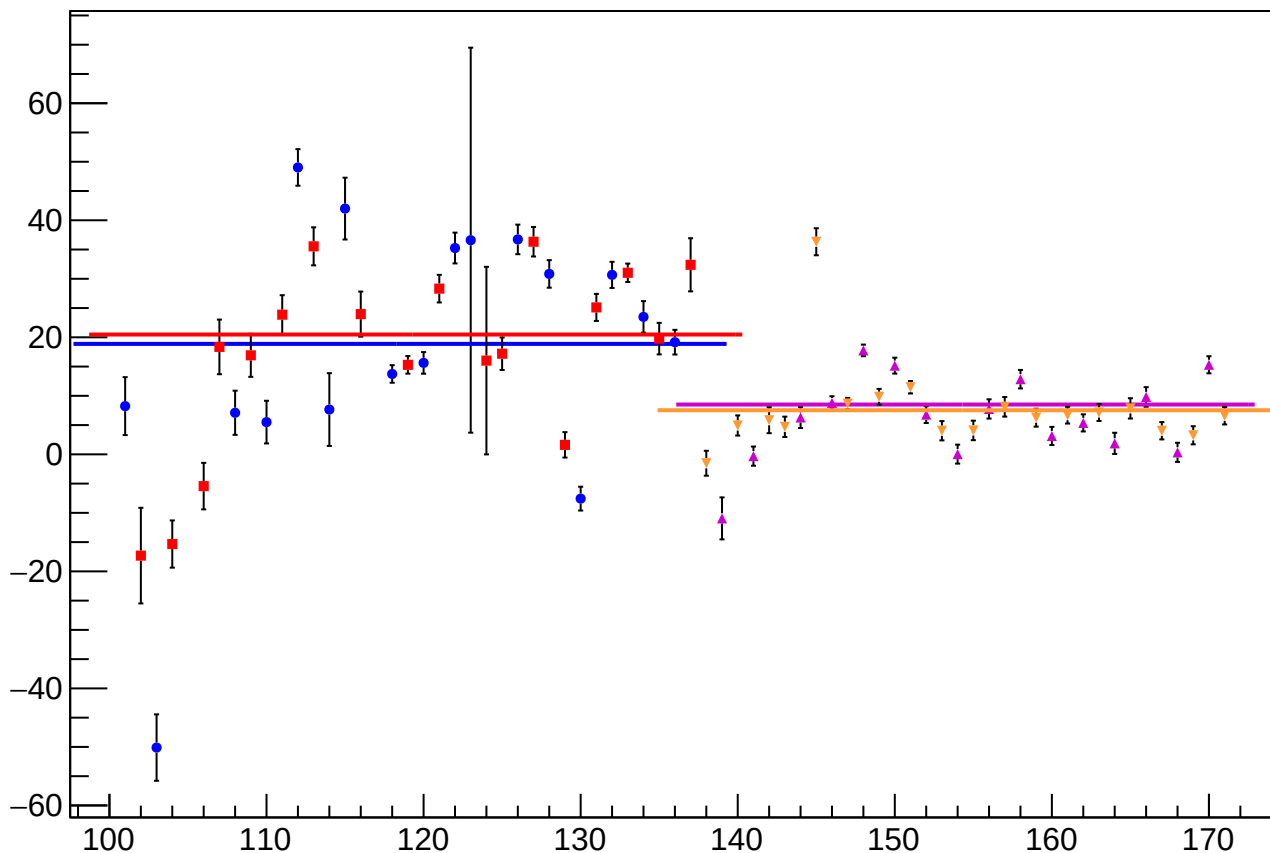
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.391+/-0.520 χ^2/NDF :990.5/15

Out: -37.662+/-0.504 χ^2/NDF :1075.8/17

All: -38.015+/-0.362 χ^2/NDF : 2067.2/33

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: 7.535 ± 0.356 χ^2/NDF : 220.6/17

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 8.511 ± 0.375 χ^2/NDF : 284.5/15

Left: 7.998 ± 0.258 χ^2/NDF : 508.7/33

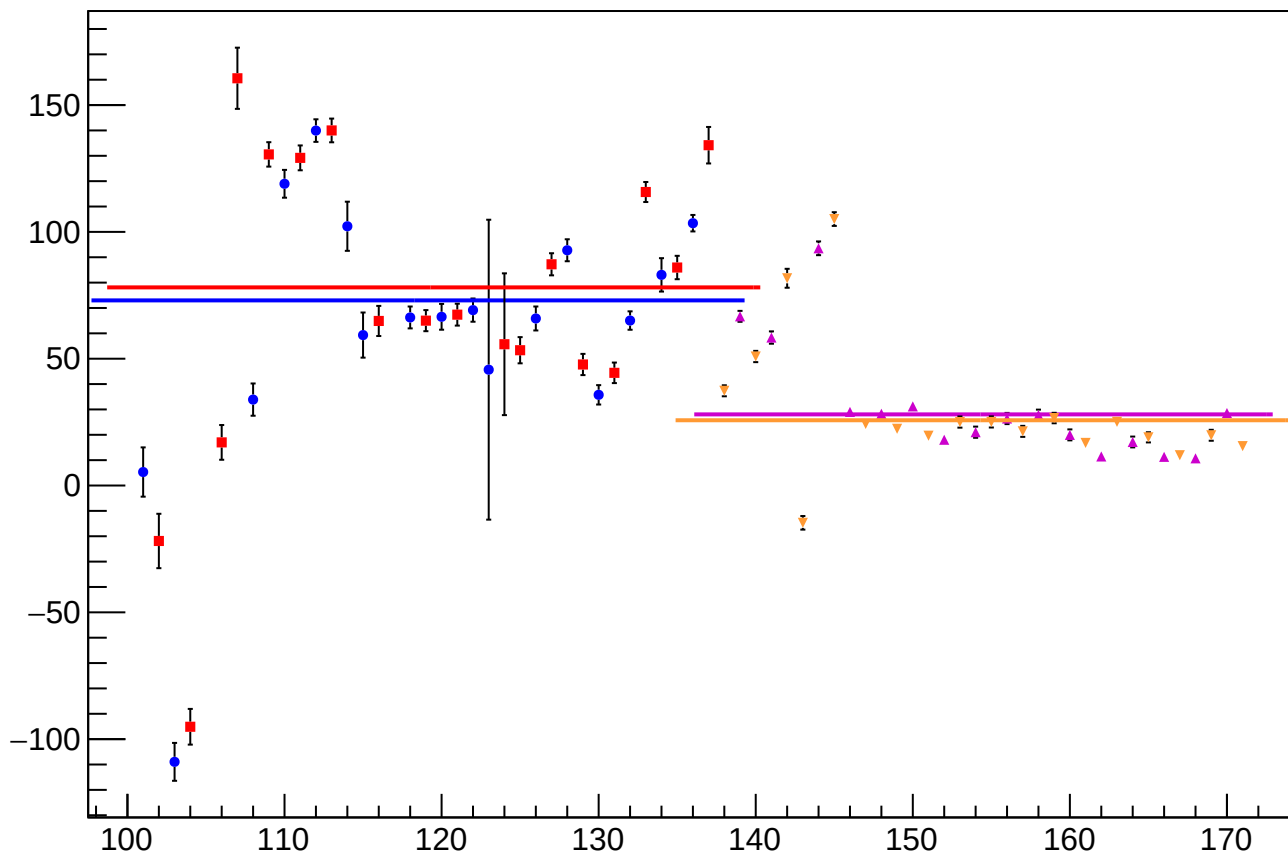
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 11.133 ± 0.324 χ^2/NDF : 1098.3/32

Out: 10.565 ± 0.311 χ^2/NDF : 892.6/35

All: 10.838 ± 0.225 χ^2/NDF : 1992.5/68

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 25.732 $\pm$ 0.496 χ^2 /NDF:1618.7/17

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 28.049 $\pm$ 0.508 χ^2 /NDF:1393.5/15

Left: 26.862 $\pm$ 0.355 χ^2 /NDF: 3022.8/33

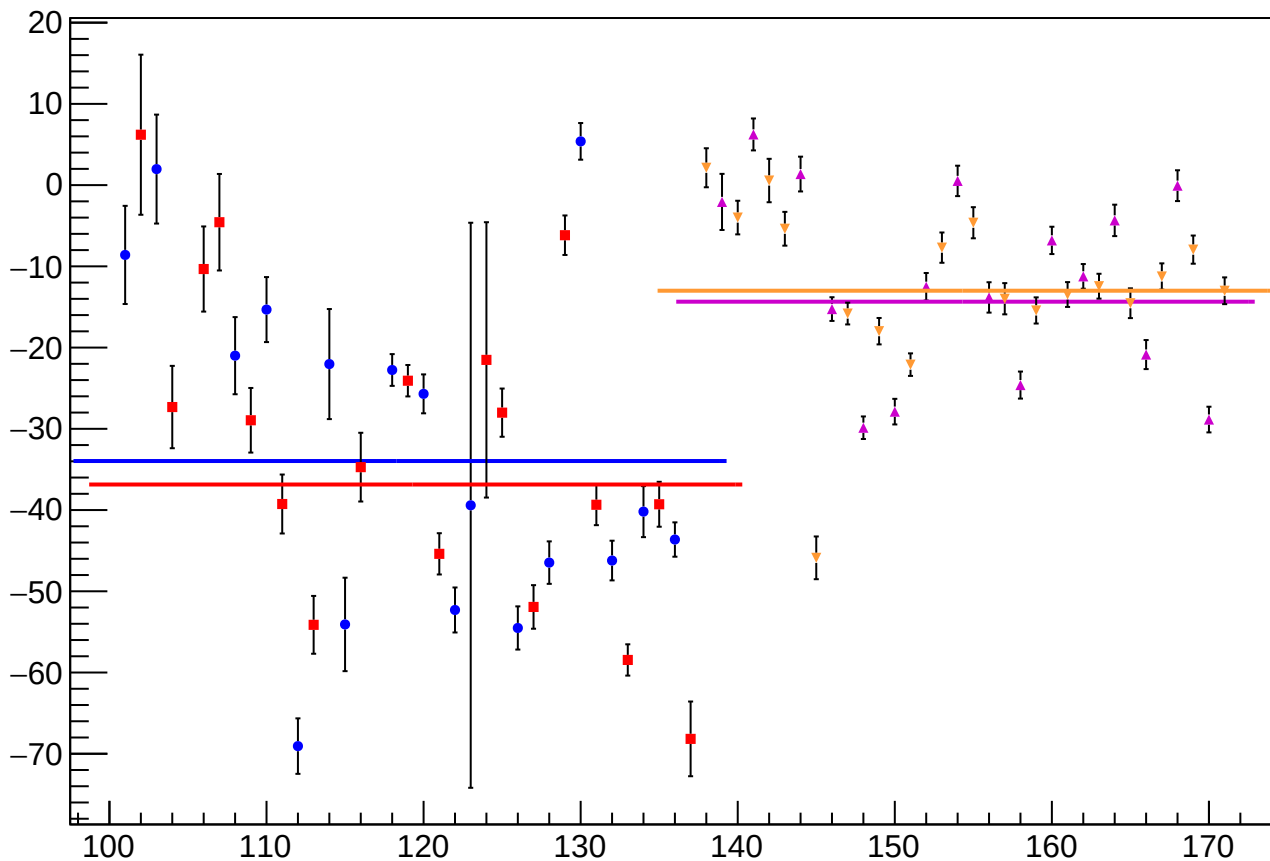
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 34.601 $\pm$ 0.470 χ^2 /NDF:3739.4/32

Out: 33.111 $\pm$ 0.459 χ^2 /NDF:4739.6/35

All: 33.839 $\pm$ 0.328 χ^2 /NDF: 8484.2/68

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.000 ± 0.414 χ^2/NDF : 351.2/17

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.350 ± 0.435 χ^2/NDF : 683.0/15

Left: -13.641 ± 0.300 χ^2/NDF : 1039.2/33

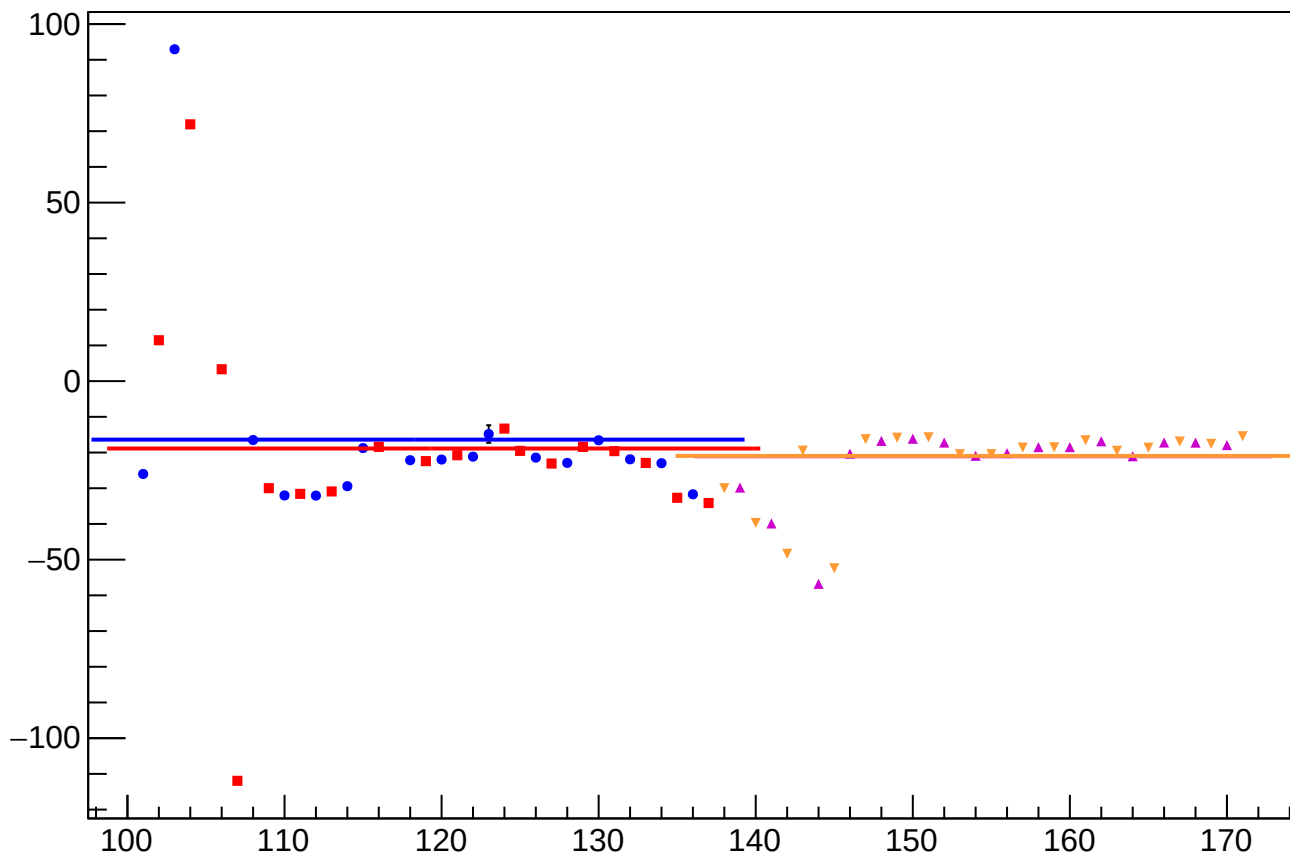
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -19.417 ± 0.375 χ^2/NDF : 1929.4/32

Out: -18.725 ± 0.361 χ^2/NDF : 1683.0/35

All: -19.058 ± 0.260 χ^2/NDF : 3614.2/68

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -20.947 ± 0.019 $\chi^2/\text{NDF}: 198276.2/17$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -21.029 ± 0.020 $\chi^2/\text{NDF}: 162745.6/15$

Left: -20.987 ± 0.014 $\chi^2/\text{NDF}: 361030.6/33$

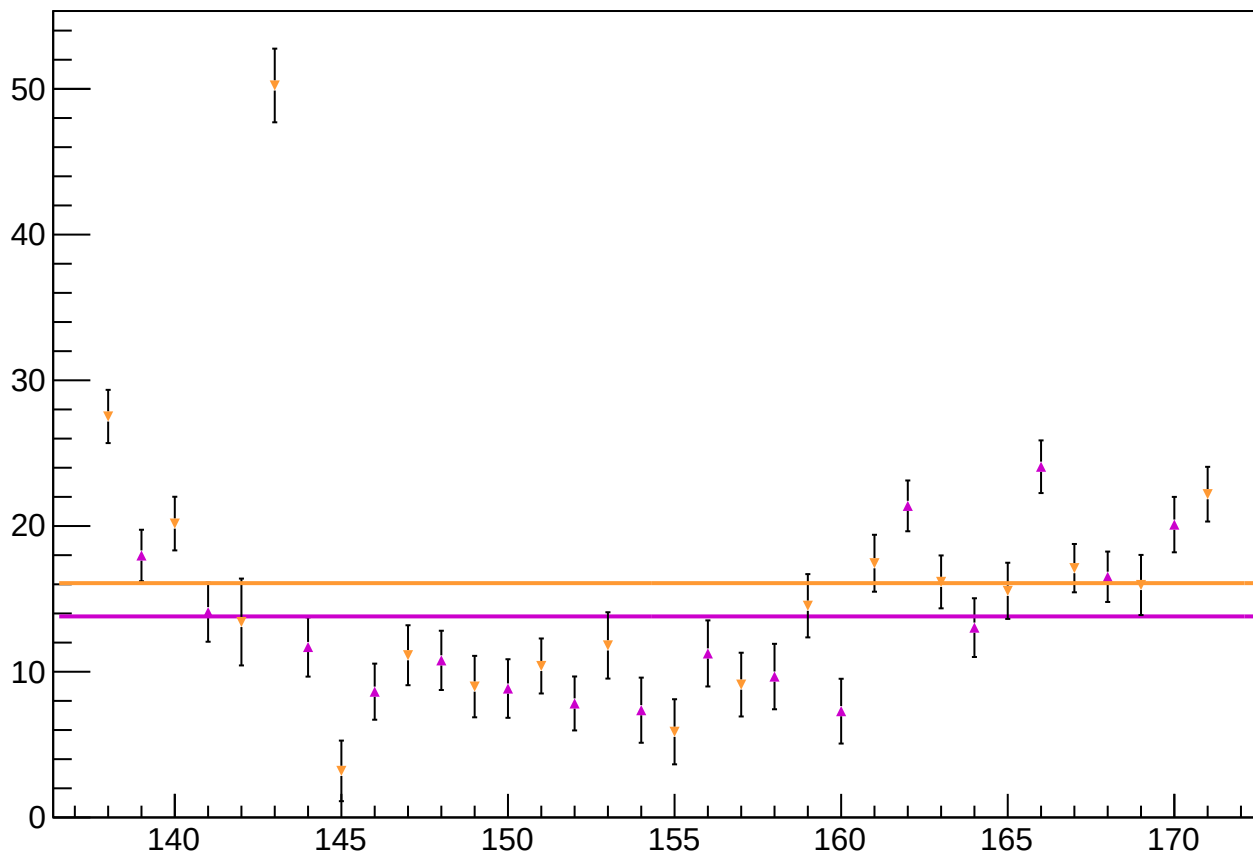
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -20.255 ± 0.018 $\chi^2/\text{NDF}: 646129.2/32$

Out: -20.628 ± 0.018 $\chi^2/\text{NDF}: 633422.7/35$

All: -20.446 ± 0.013 $\chi^2/\text{NDF}: 1279767.2/68$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.080+/-0.478 χ^2/NDF :338.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.797+/-0.491 χ^2/NDF :118.9/15

Left: 14.969+/-0.343 χ^2/NDF : 468.6/33

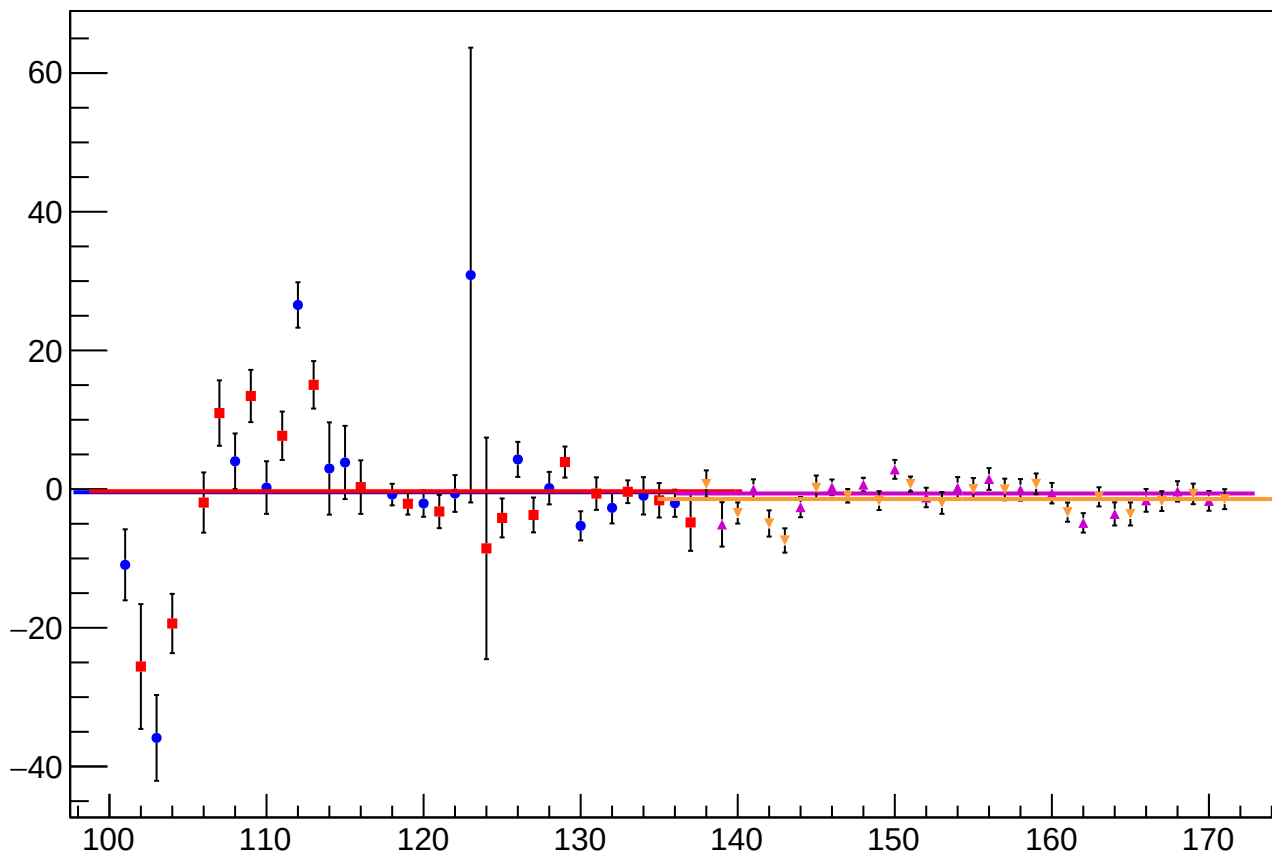
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.797+/-0.491 χ^2/NDF :118.9/15

Out: 16.080+/-0.478 χ^2/NDF :338.6/17

All: 14.969+/-0.343 χ^2/NDF : 468.6/33

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.431 ± 0.342 χ^2/NDF : 31.1/17

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.632 ± 0.358 χ^2/NDF : 28.3/15

Left: -1.050 ± 0.247 χ^2/NDF : 62.0/33

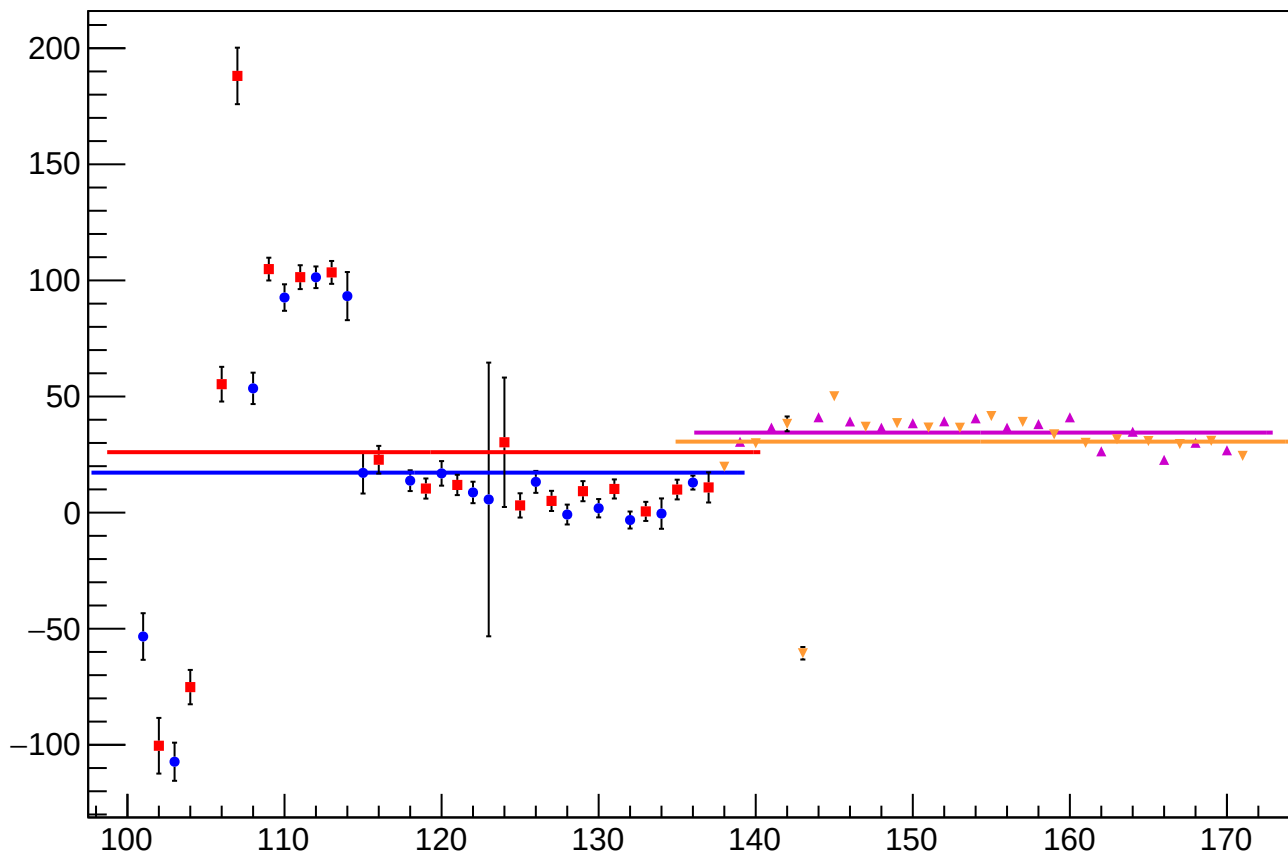
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.590 ± 0.314 χ^2/NDF : 147.9/32

Out: -1.191 ± 0.303 χ^2/NDF : 117.5/35

All: -0.902 ± 0.218 χ^2/NDF : 267.3/68

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 χ^2/NDF : 940.1/16

Left Out: 30.576 ± 0.472 χ^2/NDF : 1364.6/17

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 34.463 ± 0.482 χ^2/NDF : 143.9/15

Left: 32.479 ± 0.337 χ^2/NDF : 1541.6/33

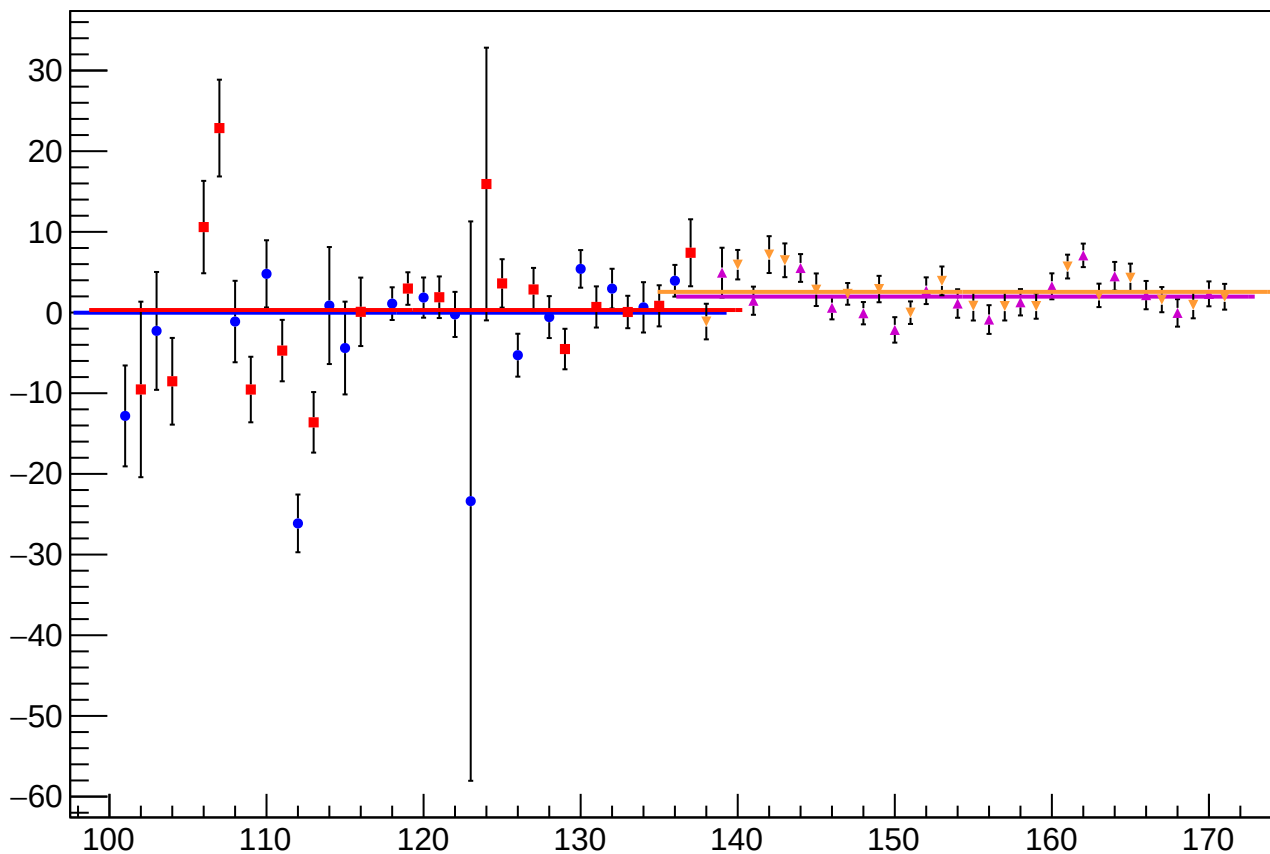
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 32.203 ± 0.449 χ^2/NDF : 1251.8/32

Out: 30.004 ± 0.441 χ^2/NDF : 2742.2/35

All: 31.084 ± 0.315 χ^2/NDF : 4006.2/68

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.563 ± 0.396 χ^2/NDF : 28.1/17

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.972 ± 0.415 χ^2/NDF : 34.8/15

Left: 2.281 ± 0.287 χ^2/NDF : 63.9/33

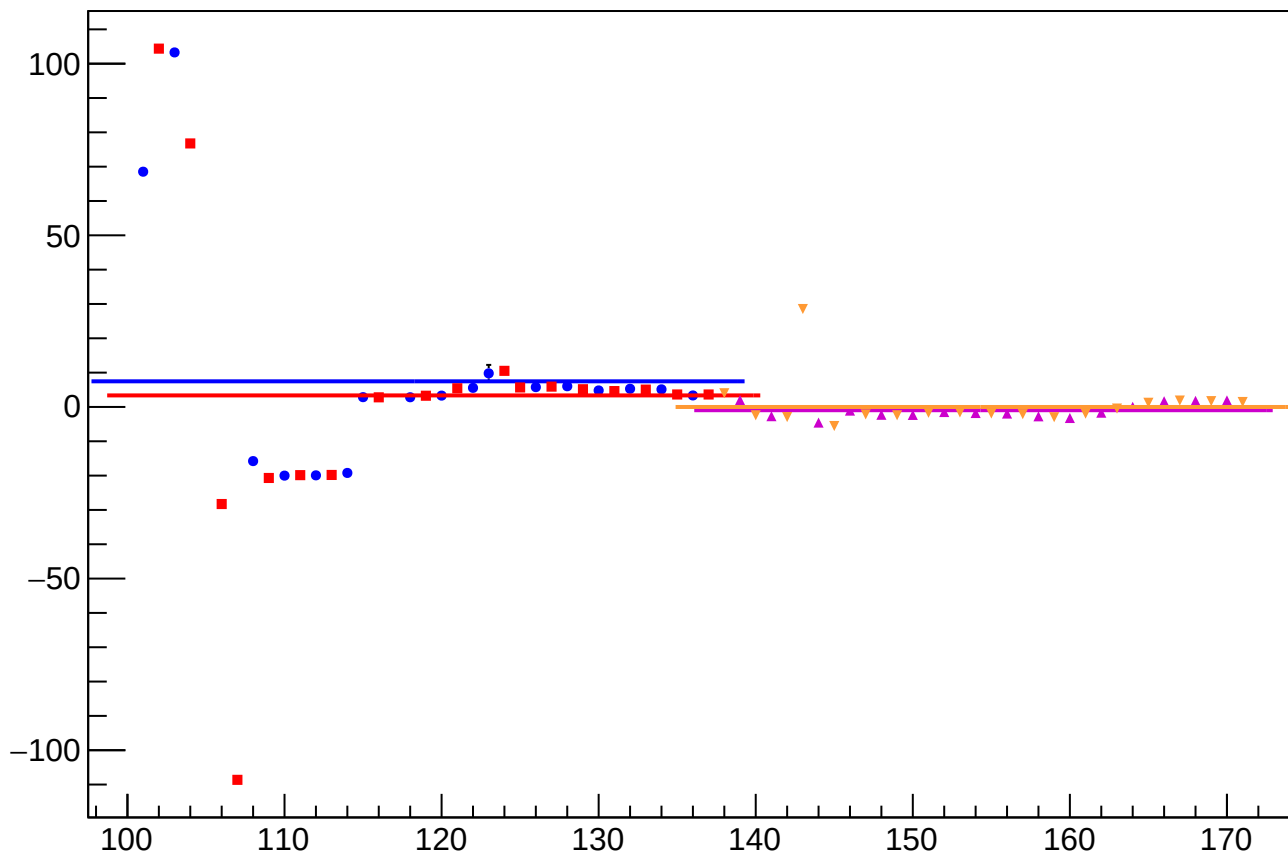
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.500 ± 0.362 χ^2/NDF : 116.1/32

Out: 2.071 ± 0.350 χ^2/NDF : 89.2/35

All: 1.795 ± 0.252 χ^2/NDF : 206.6/68

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: -0.009+/-0.018 χ^2/NDF : 86142.1/17

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -0.948+/-0.019 χ^2/NDF : 10854.5/15

Left: -0.466+/-0.013 χ^2/NDF : 98272.4/33

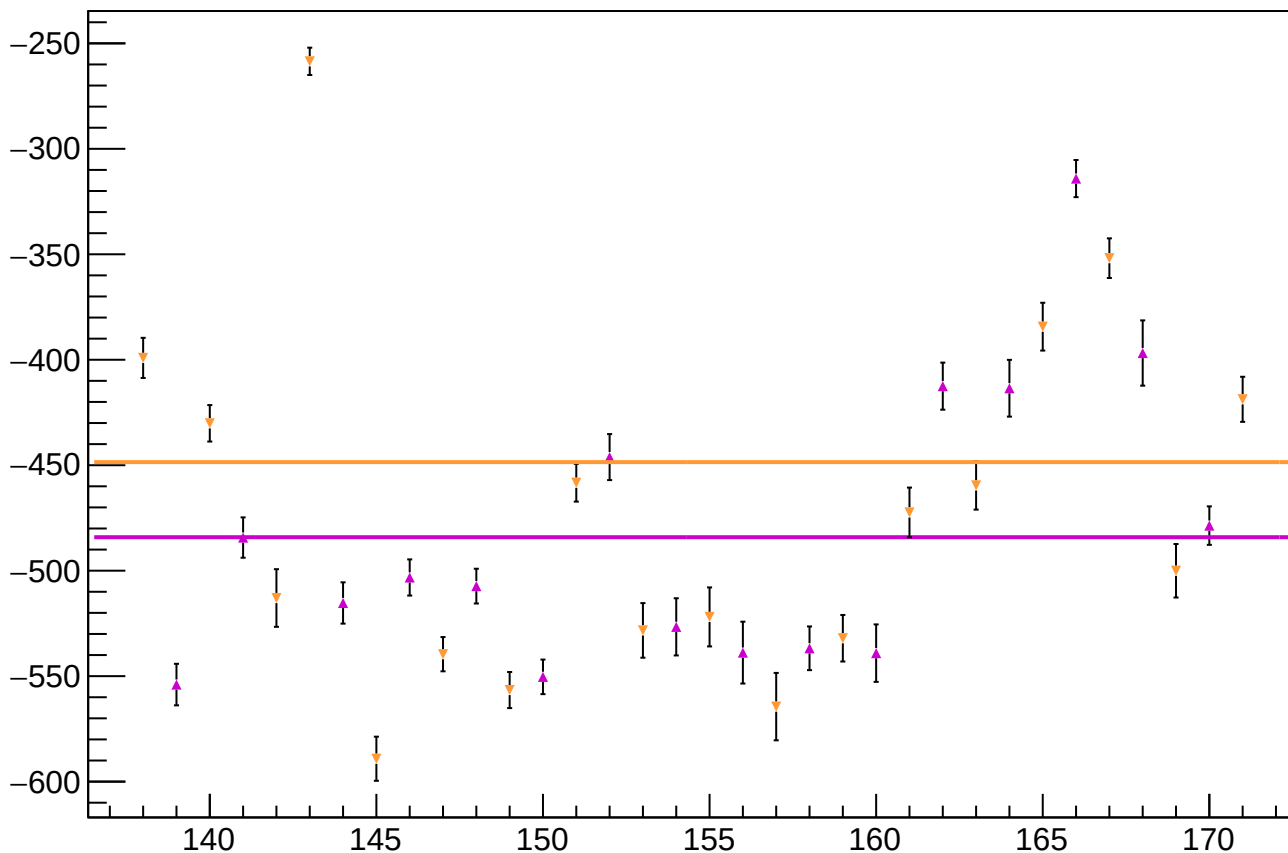
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.331+/-0.017 χ^2/NDF : 397108.2/32

Out: 0.461+/-0.017 χ^2/NDF : 595657.2/35

All: 0.397+/-0.012 χ^2/NDF : 992793.6/68

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -484.127+/-2.576 χ^2/NDF :690.5/15

Left: -464.946+/-1.749 χ^2/NDF : 2517.5/33

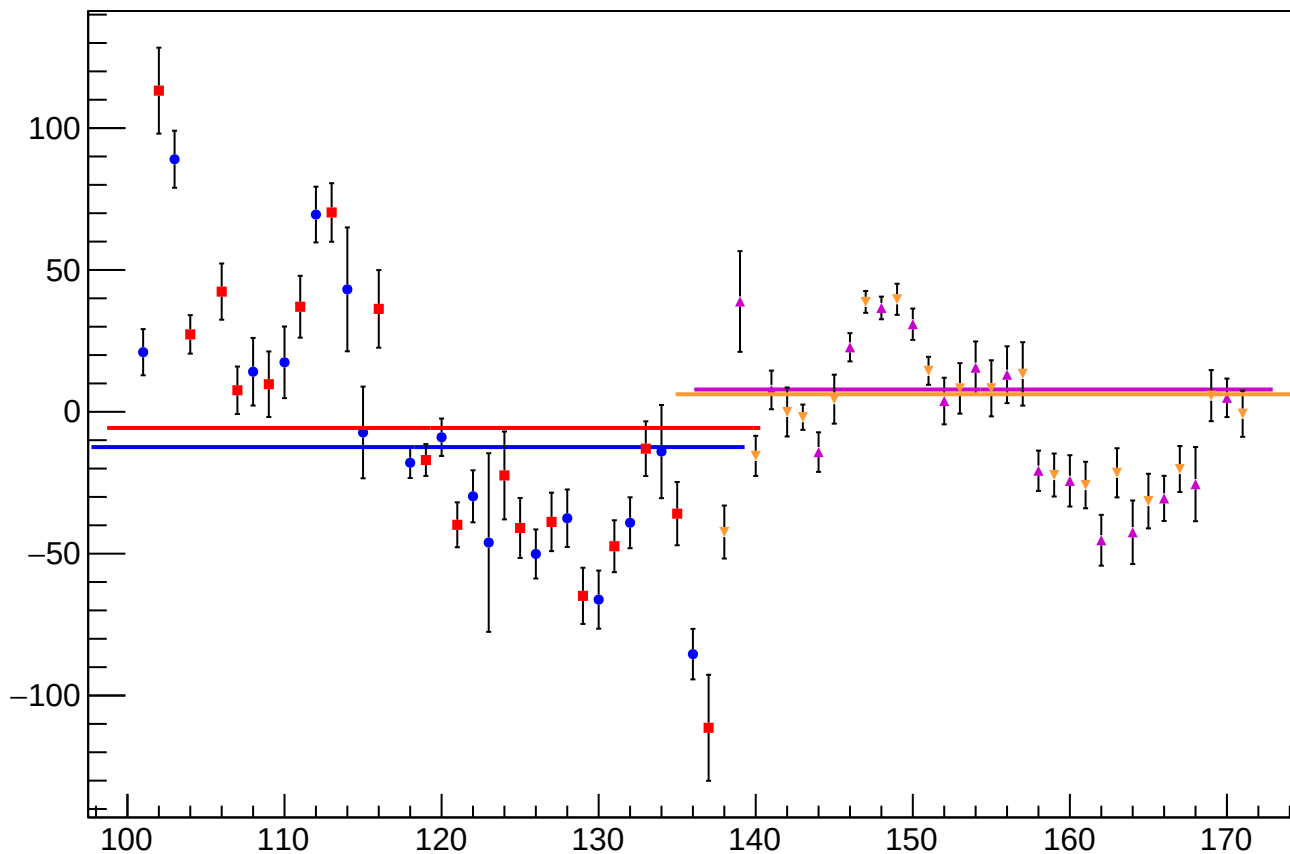
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -484.127+/-2.576 χ^2/NDF :690.5/15

Out: -448.530+/-2.383 χ^2/NDF :1724.1/17

All: -464.946+/-1.749 χ^2/NDF : 2517.5/33

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 6.186 ± 1.621 χ^2/NDF : 218.8/17

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 7.858 ± 1.786 χ^2/NDF : 206.6/15

Left: 6.941 ± 1.200 χ^2/NDF : 425.9/33

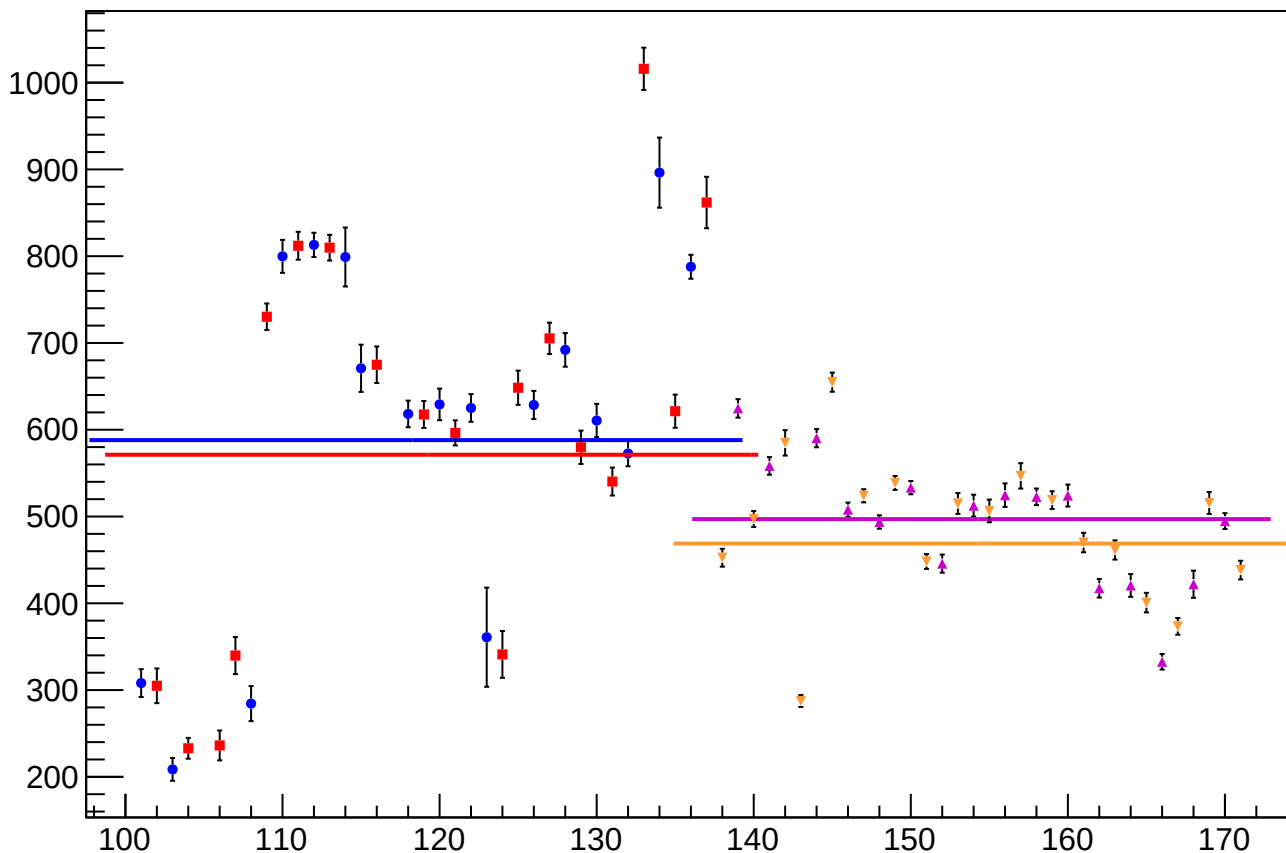
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 0.287 ± 1.414 χ^2/NDF : 595.0/32

Out: 2.161 ± 1.318 χ^2/NDF : 570.7/35

All: 1.290 ± 0.964 χ^2/NDF : 1166.6/68

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 468.870 $\pm$ 2.367 χ^2 /NDF:1416.2/17

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 497.028 $\pm$ 2.521 χ^2 /NDF:772.7/15

Left: 482.062 $\pm$ 1.726 χ^2 /NDF: 2255.2/33

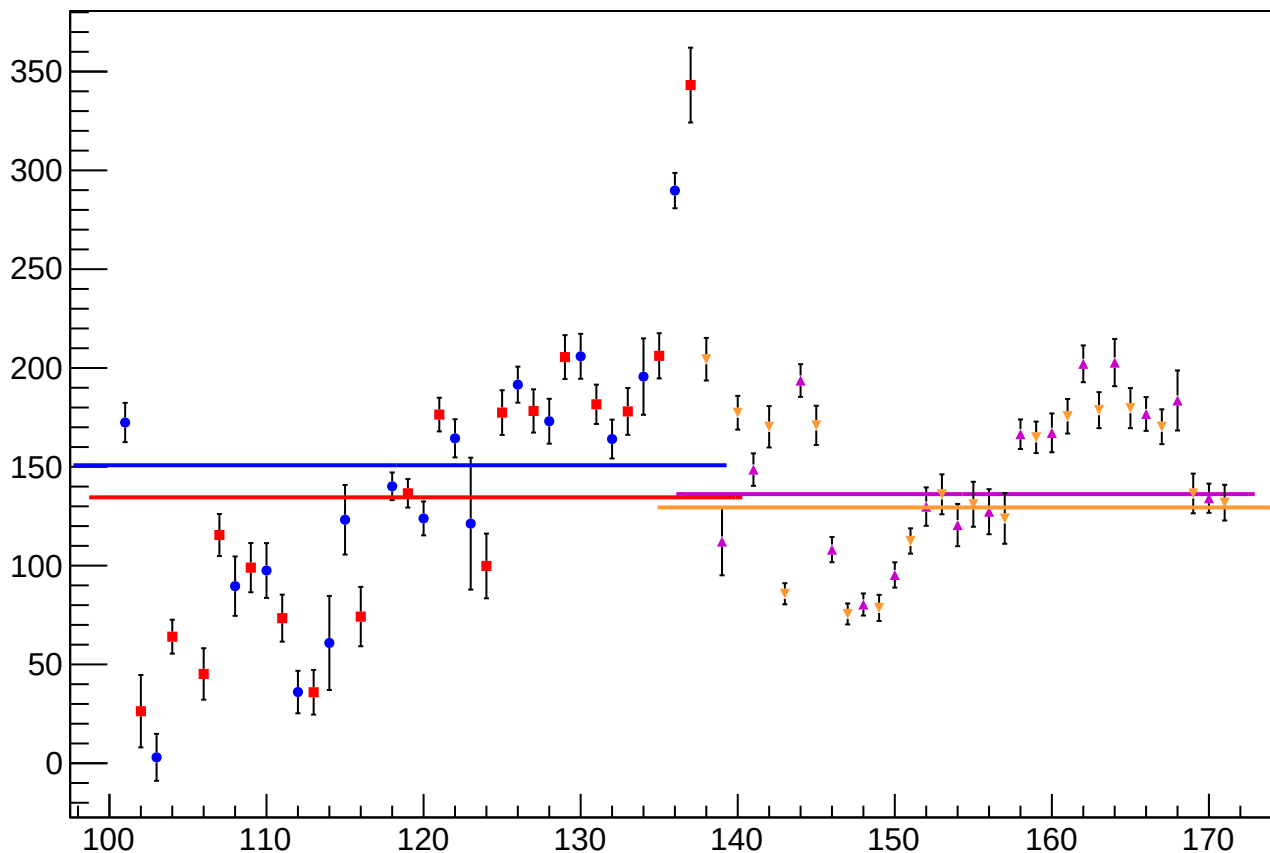
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 520.080 $\pm$ 2.179 χ^2 /NDF:3230.4/32

Out: 493.982 $\pm$ 2.056 χ^2 /NDF:4555.2/35

All: 506.277 $\pm$ 1.495 χ^2 /NDF: 7861.5/68

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 129.425 $\pm$ 1.930 χ^2 /NDF: 472.7/17

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 136.186 $\pm$ 2.112 χ^2 /NDF: 355.8/15

Left: 132.501 $\pm$ 1.425 χ^2 /NDF: 834.1/33

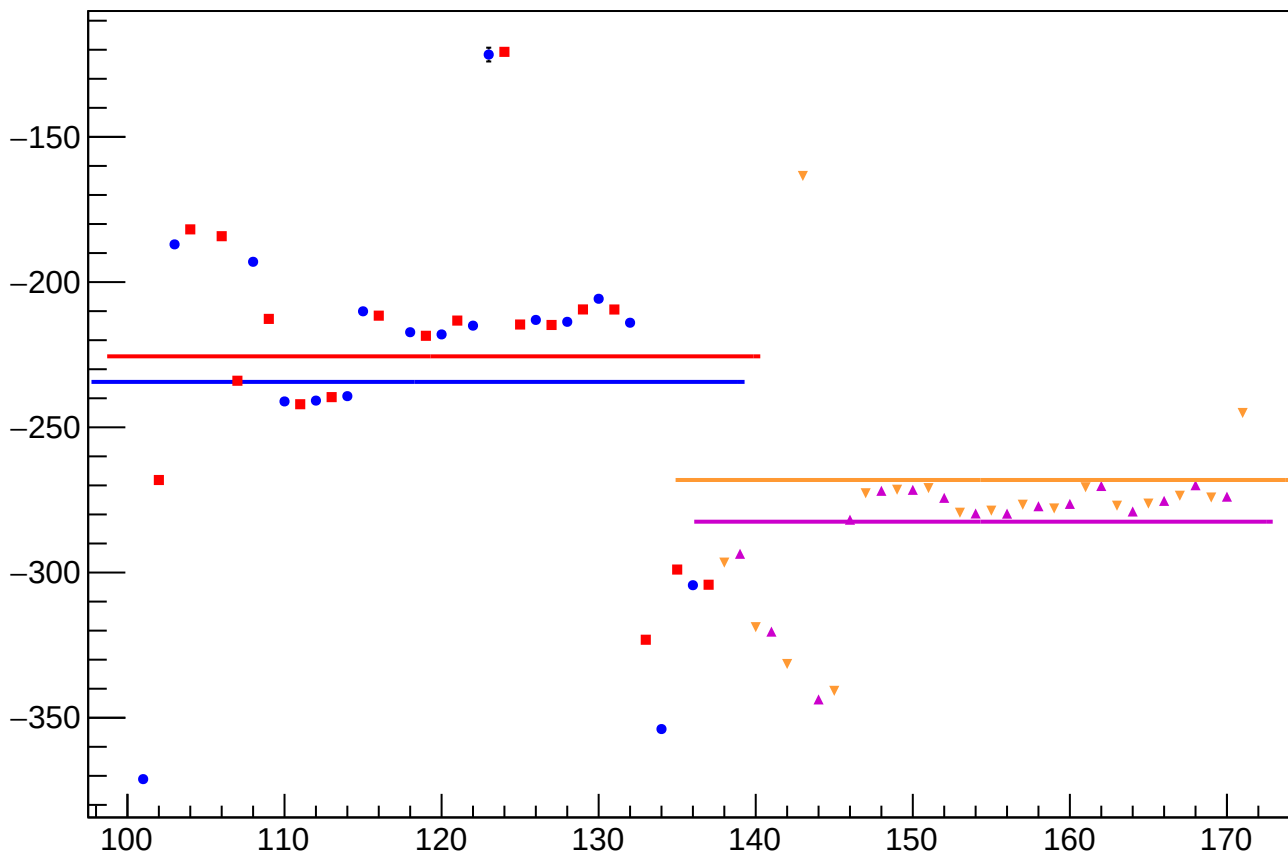
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.782 $\pm$ 1.659 χ^2 /NDF: 1007.2/32

Out: 131.228 $\pm$ 1.554 χ^2 /NDF: 1051.4/35

All: 136.160 $\pm$ 1.134 χ^2 /NDF: 2080.2/68

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -268.132+/-0.095 χ^2/NDF : 209083.5/17

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -282.492+/-0.100 χ^2/NDF : 32508.6/15

Left: -274.877+/-0.069 χ^2/NDF : 252419.2/33

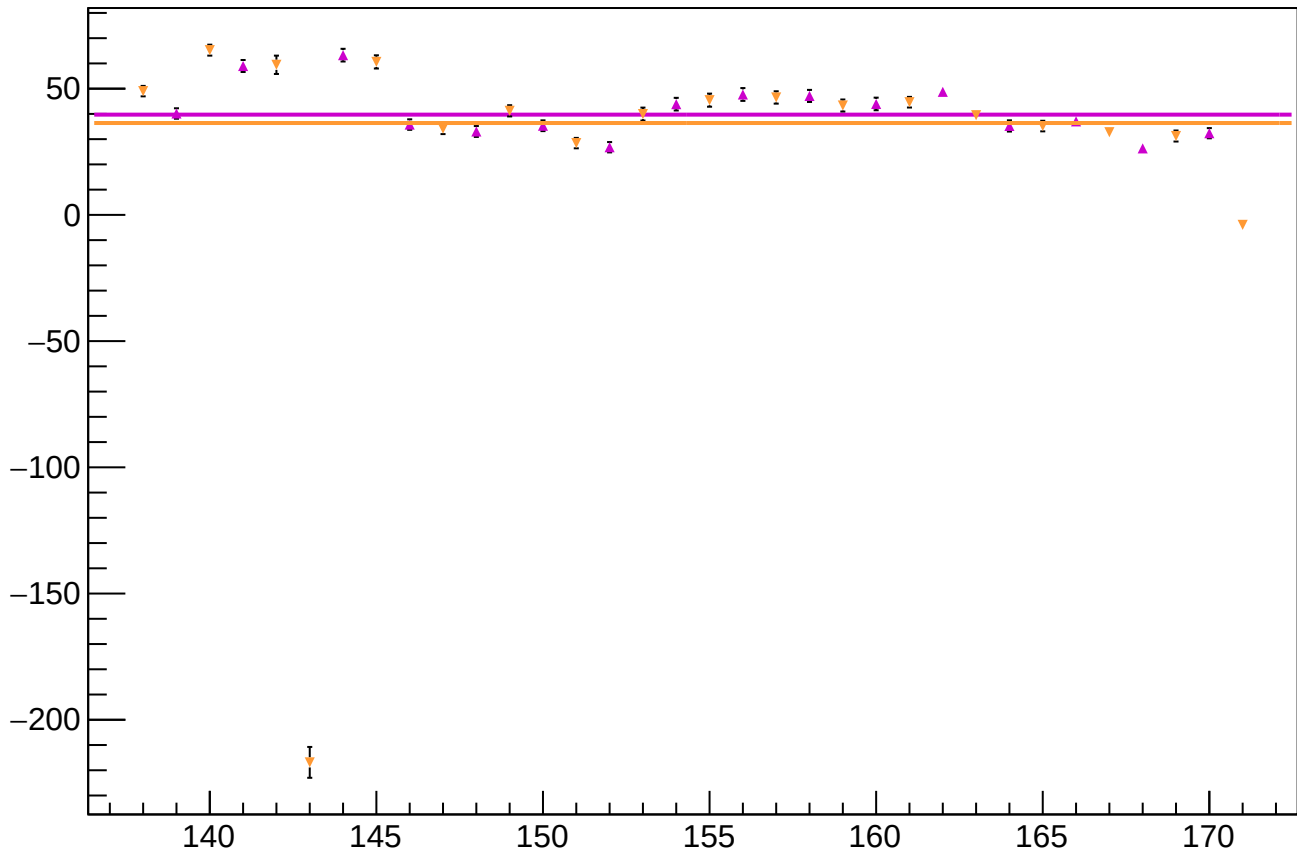
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -267.370+/-0.083 χ^2/NDF : 249738.1/32

Out: -255.040+/-0.079 χ^2/NDF : 364340.9/35

All: -260.862+/-0.057 χ^2/NDF : 625666.0/68

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.711+/-0.543 χ^2/NDF :327.3/15

Left: 38.028+/-0.381 χ^2/NDF : 2940.1/33

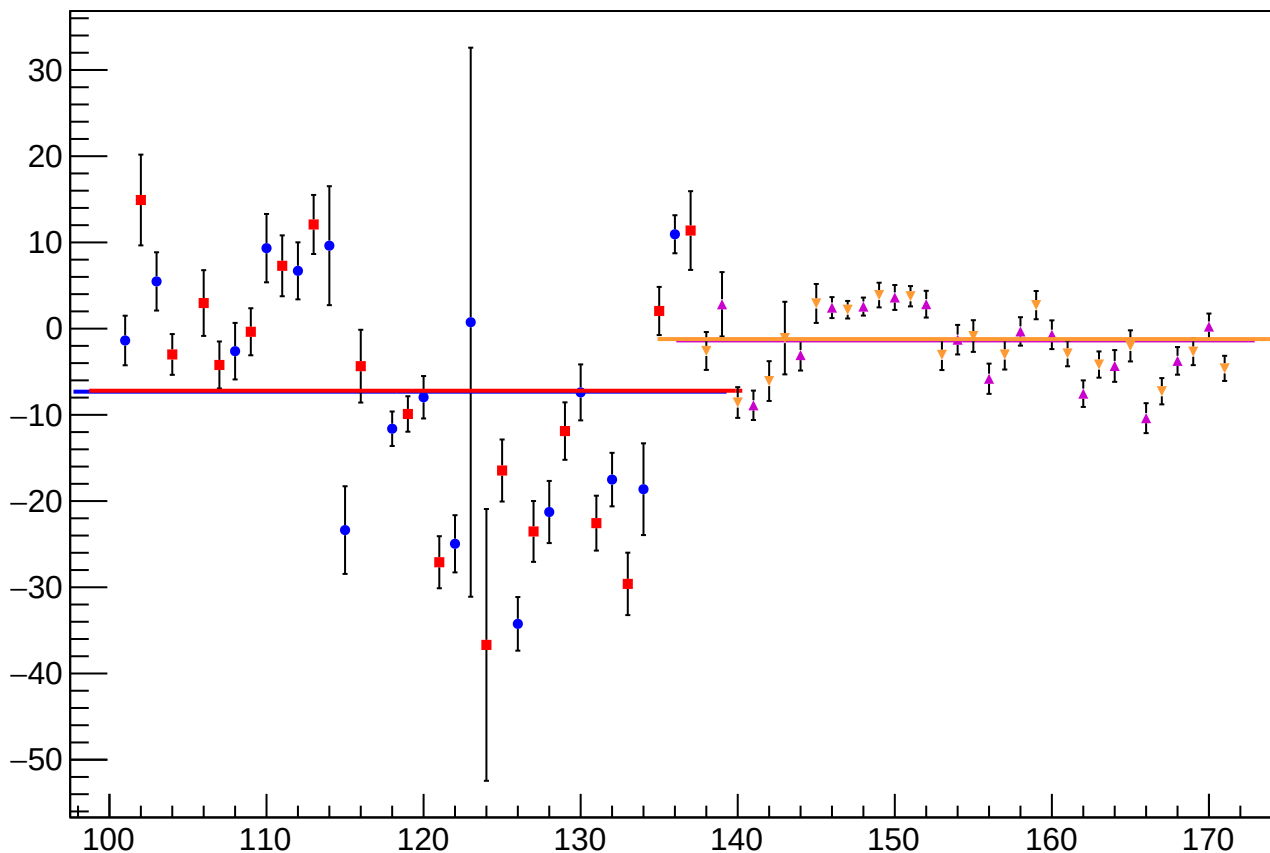
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.711+/-0.543 χ^2/NDF :327.3/15

Out: 36.396+/-0.535 χ^2/NDF :2593.9/17

All: 38.028+/-0.381 χ^2/NDF : 2940.1/33

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: -1.213 ± 0.379 χ^2/NDF : 102.2/17

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -1.366 ± 0.393 χ^2/NDF : 120.7/15

Left: -1.287 ± 0.273 χ^2/NDF : 223.0/33

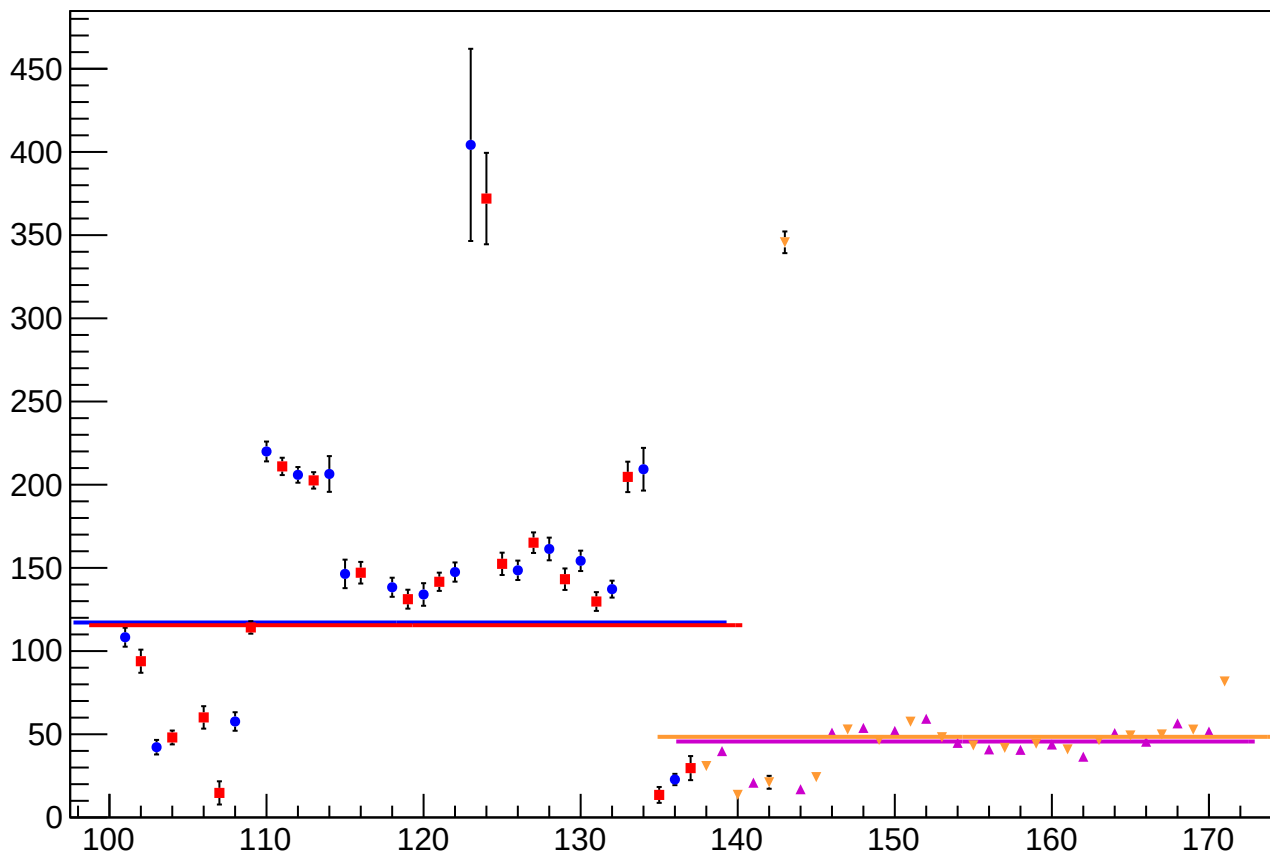
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -2.569 ± 0.351 χ^2/NDF : 446.1/32

Out: -2.402 ± 0.340 χ^2/NDF : 403.8/35

All: -2.483 ± 0.244 χ^2/NDF : 850.1/68

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 48.458 $\pm$ 0.525 χ^2 /NDF:2861.4/17

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 45.641 $\pm$ 0.531 χ^2 /NDF:379.5/15

Left: 47.066 $\pm$ 0.373 χ^2 /NDF: 3255.1/33

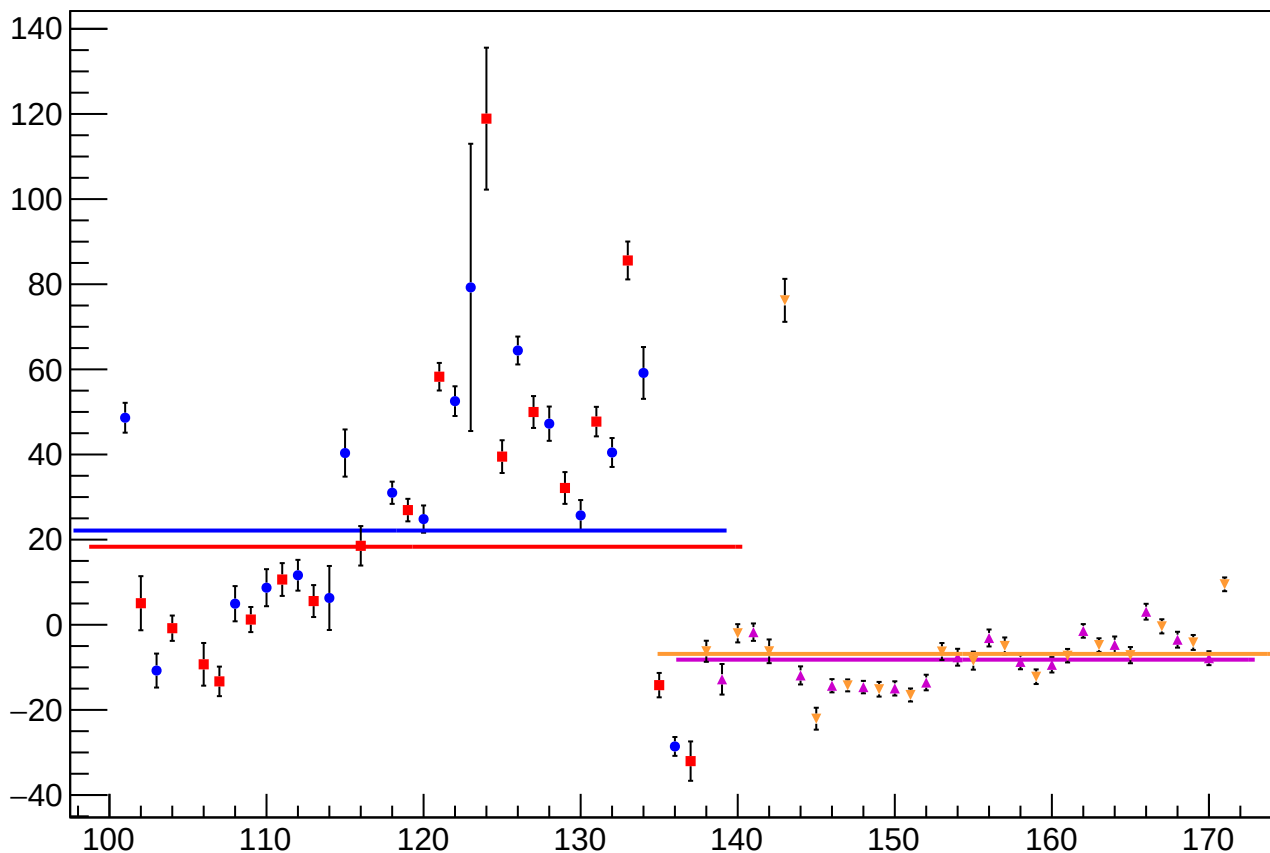
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 54.514 $\pm$ 0.497 χ^2 /NDF:4789.4/32

Out: 57.125 $\pm$ 0.490 χ^2 /NDF:7120.5/35

All: 55.838 $\pm$ 0.349 χ^2 /NDF: 11923.9/68

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -6.844 ± 0.440 $\chi^2/\text{NDF}: 534.1/17$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -8.202 ± 0.456 $\chi^2/\text{NDF}: 145.6/15$

Left: -7.500 ± 0.317 $\chi^2/\text{NDF}: 684.3/33$

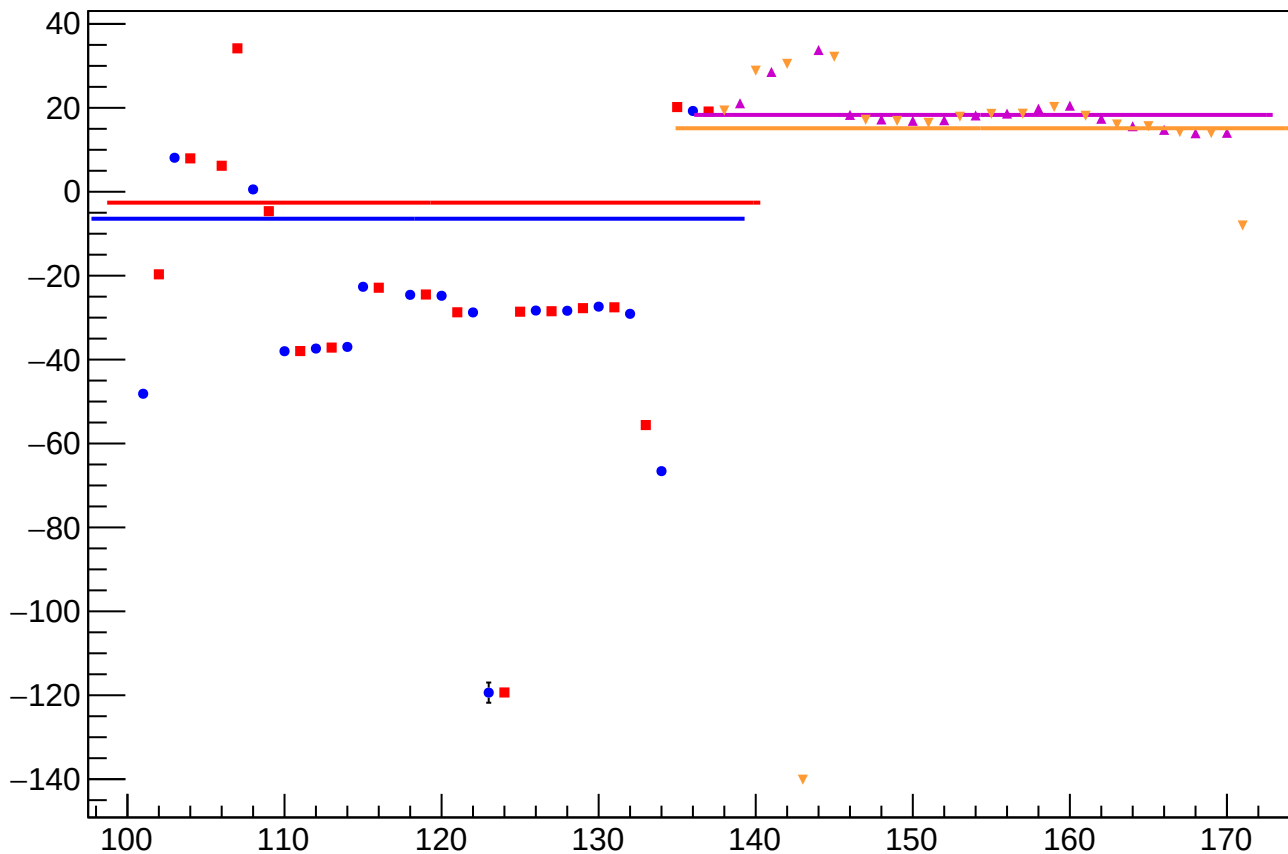
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -1.915 ± 0.406 $\chi^2/\text{NDF}: 2128.5/32$

Out: -1.731 ± 0.393 $\chi^2/\text{NDF}: 2268.7/35$

All: -1.820 ± 0.282 $\chi^2/\text{NDF}: 4397.3/68$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 15.134 ± 0.020 $\chi^2/\text{NDF}: 535665.3/17$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 18.314 ± 0.021 $\chi^2/\text{NDF}: 40082.7/15$

Left: 16.694 ± 0.015 $\chi^2/\text{NDF}: 587660.8/33$

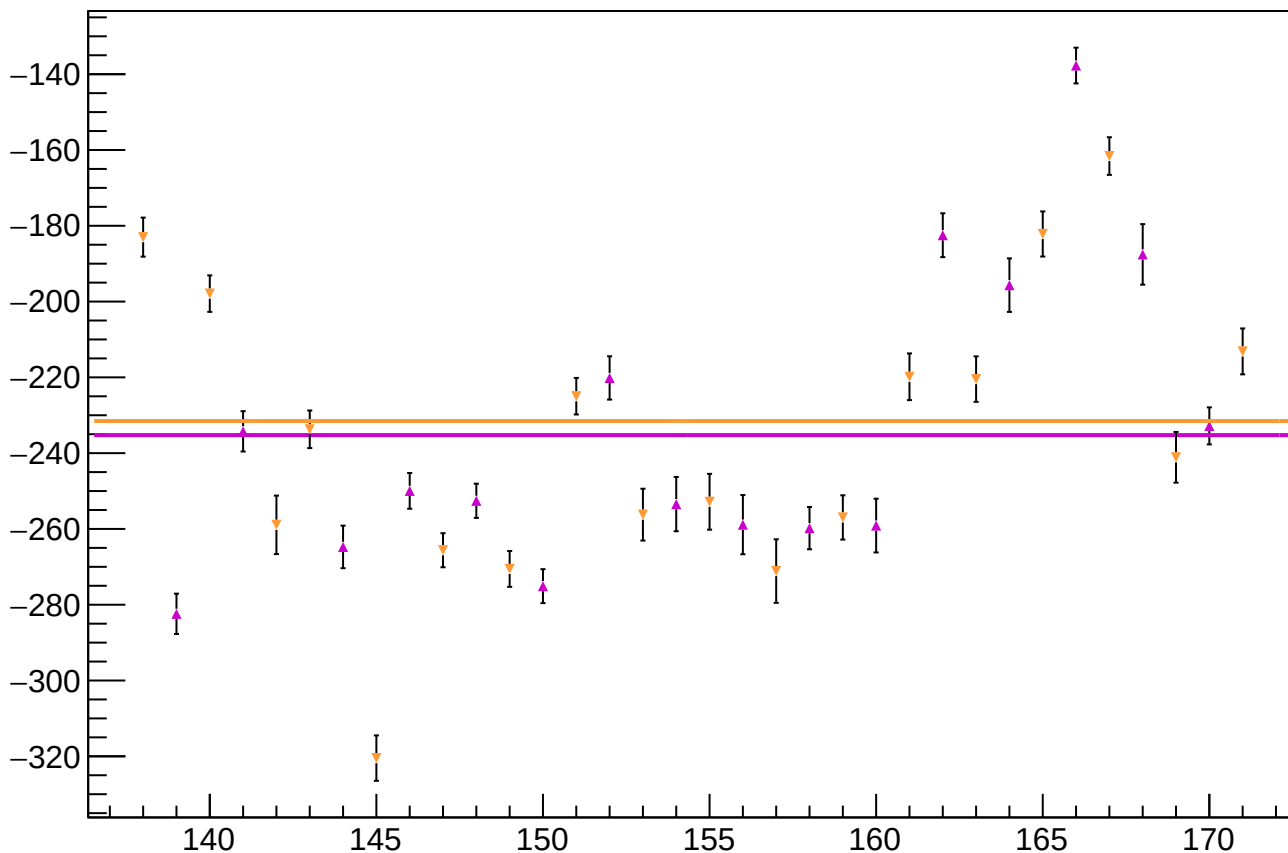
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 14.149 ± 0.019 $\chi^2/\text{NDF}: 543636.6/32$

Out: 12.193 ± 0.019 $\chi^2/\text{NDF}: 924400.9/35$

All: 13.154 ± 0.013 $\chi^2/\text{NDF}: 1473448.2/68$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.520+/-1.337 χ^2/NDF :846.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -235.237+/-1.391 χ^2/NDF :841.5/15

Left: -233.306+/-0.964 χ^2/NDF : 1691.6/33

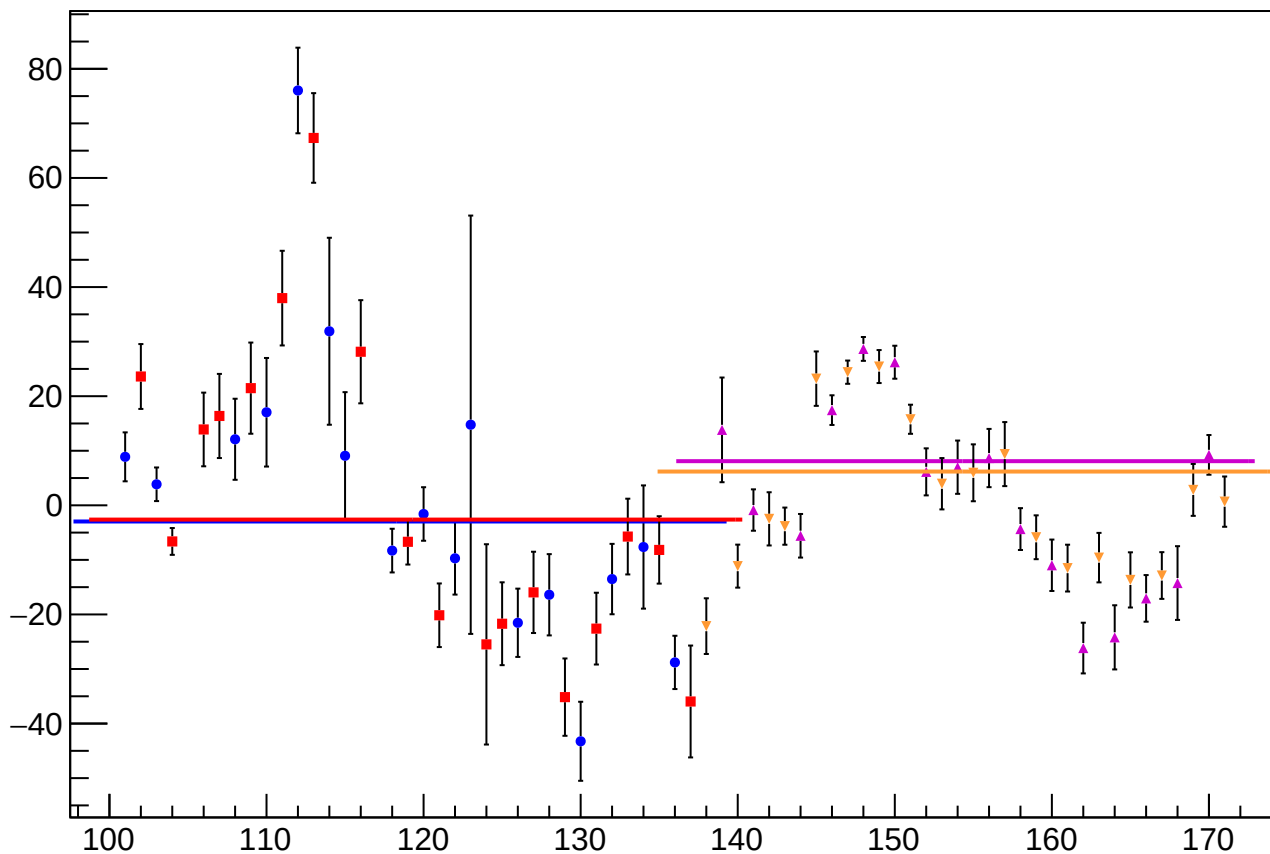
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -235.237+/-1.391 χ^2/NDF :841.5/15

Out: -231.520+/-1.337 χ^2/NDF :846.3/17

All: -233.306+/-0.964 χ^2/NDF : 1691.6/33

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: 6.190 ± 0.912 χ^2/NDF : 275.9/17

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 8.091 ± 0.967 χ^2/NDF : 311.4/15

Left: 7.085 ± 0.664 χ^2/NDF : 589.4/33

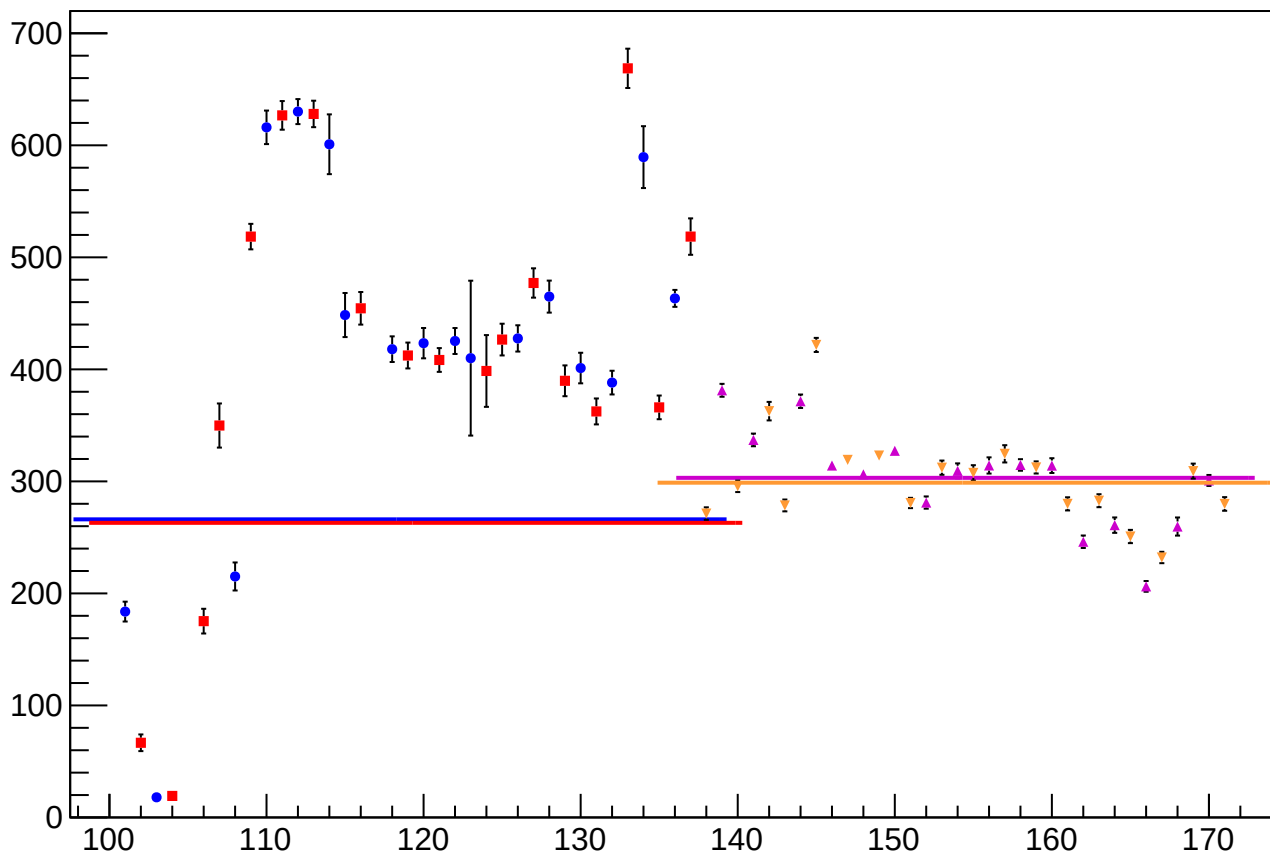
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 4.694 ± 0.805 χ^2/NDF : 555.1/32

Out: 3.564 ± 0.764 χ^2/NDF : 514.2/35

All: 4.099 ± 0.554 χ^2/NDF : 1070.3/68

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 298.832 $\pm$ 1.321 χ^2 /NDF:842.5/17

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 303.164 $\pm$ 1.360 χ^2 /NDF:995.4/15

Left: 300.935 $\pm$ 0.948 χ^2 /NDF: 1843.2/33

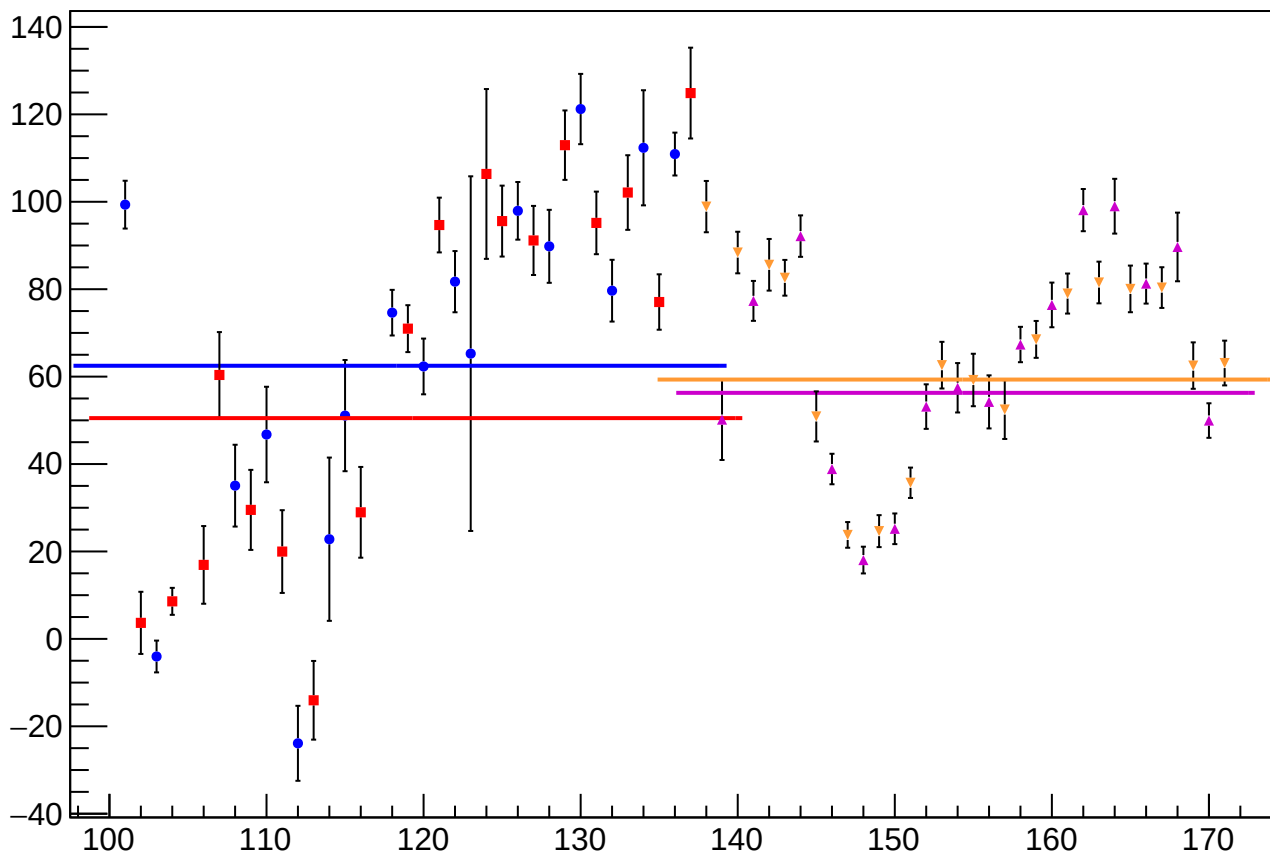
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 294.598 $\pm$ 1.193 χ^2 /NDF:8811.0/32

Out: 290.849 $\pm$ 1.164 χ^2 /NDF:9178.5/35

All: 292.679 $\pm$ 0.833 χ^2 /NDF: 17994.6/68

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2 /NDF: 720.8/16

Left Out: 59.331+/-1.082 χ^2 /NDF:502.4/17

Right Out: 50.506+/-1.644 χ^2 /NDF: 650.6/17

Left In: 56.288+/-1.142 χ^2 /NDF:534.2/15

Left: 57.890+/-0.786 χ^2 /NDF: 1040.4/33

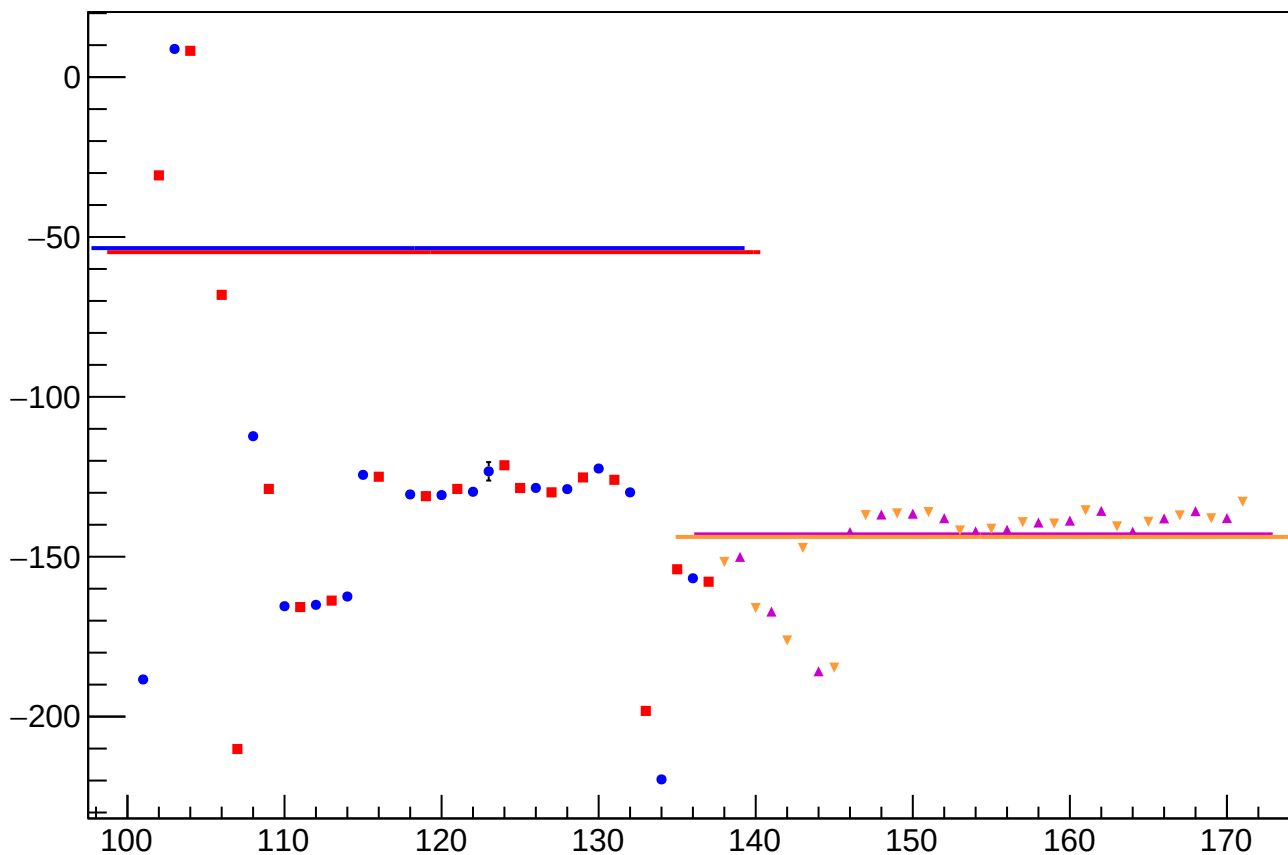
Right: 56.364+/-1.175 χ^2 /NDF: 1397.3/34

In: 58.244+/-0.944 χ^2 /NDF:1264.3/32

Out: 56.663+/-0.904 χ^2 /NDF:1173.1/35

All: 57.419+/-0.653 χ^2 /NDF: 2438.9/68

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: -143.800+/-0.053 χ^2/NDF : 59295.3/17

Right Out: -54.748+/-0.072 χ^2/NDF : 952446.3/17

Left In: -143.007+/-0.054 χ^2/NDF : 45707.8/15

Left: -143.414+/-0.038 χ^2/NDF : 105113.5/33

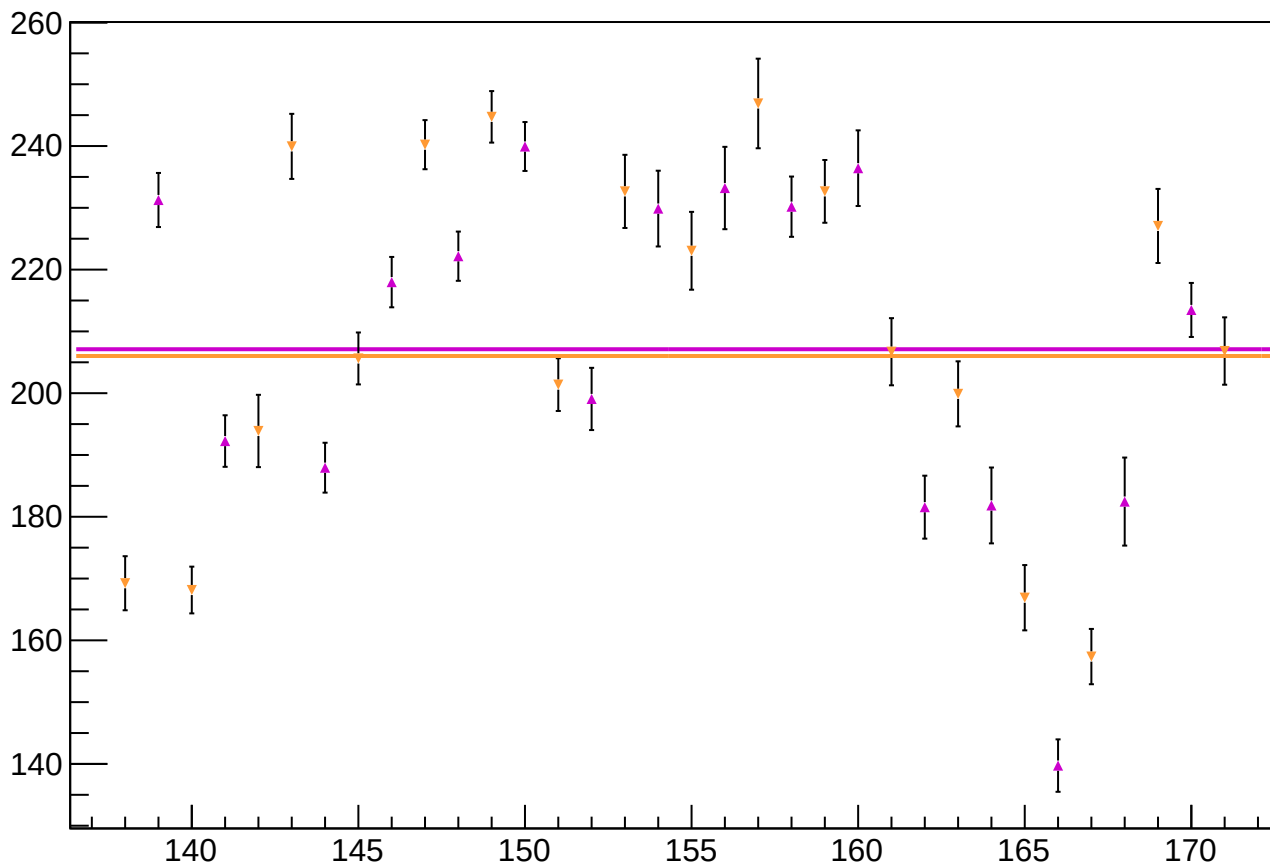
Right: -54.098+/-0.050 χ^2/NDF : 2181335.1/34

In: -109.726+/-0.043 χ^2/NDF : 2293048.3/32

Out: -112.859+/-0.043 χ^2/NDF : 2006321.4/35

All: -111.306+/-0.030 χ^2/NDF : 4302061.9/68

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 206.019+/-1.156 χ^2/NDF :651.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.114+/-1.189 χ^2/NDF :541.2/15

Left: 206.551+/-0.829 χ^2/NDF : 1193.3/33

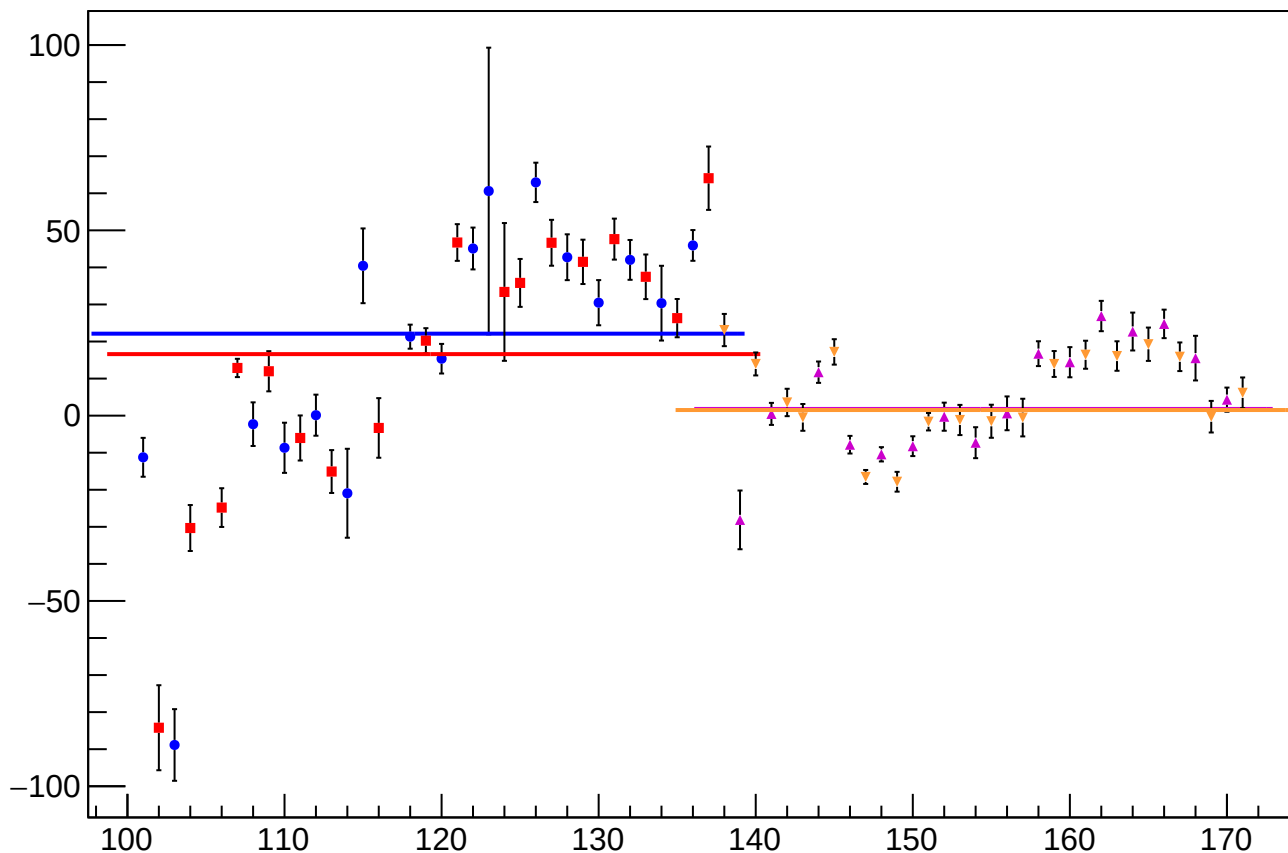
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.114+/-1.189 χ^2/NDF :541.2/15

Out: 206.019+/-1.156 χ^2/NDF :651.6/17

All: 206.551+/-0.829 χ^2/NDF : 1193.3/33

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 χ^2/NDF : 382.0/16

Left Out: 1.514 ± 0.794 χ^2/NDF : 282.0/17

Right Out: 16.602 ± 1.229 χ^2/NDF : 416.8/17

Left In: 1.806 ± 0.832 χ^2/NDF : 227.2/15

Left: 1.653 ± 0.574 χ^2/NDF : 509.3/33

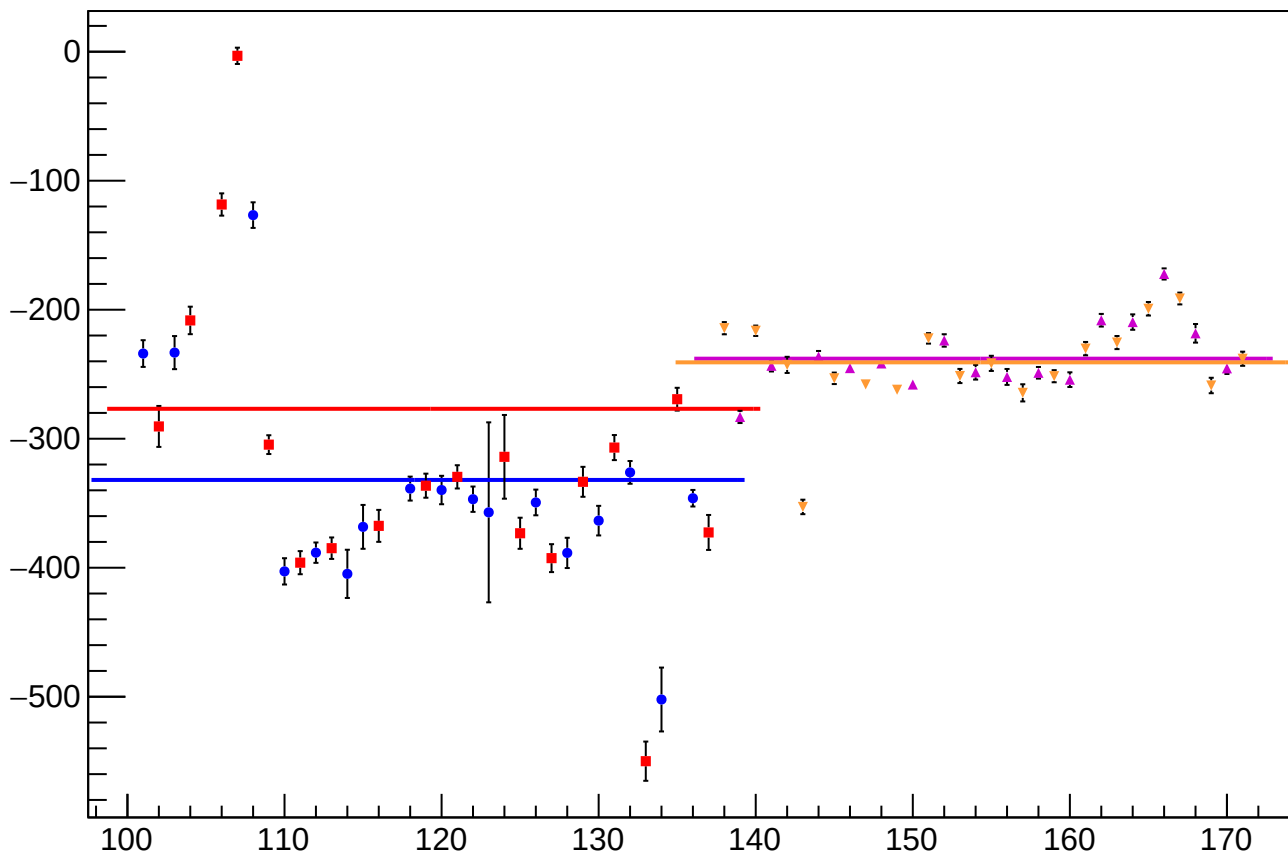
Right: 19.049 ± 0.917 χ^2/NDF : 807.7/34

In: 7.237 ± 0.712 χ^2/NDF : 768.8/32

Out: 5.953 ± 0.667 χ^2/NDF : 805.2/35

All: 6.554 ± 0.487 χ^2/NDF : 1575.7/68

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -240.798 $\pm$ 1.145 χ^2 /NDF: 769.2/17

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -237.954 $\pm$ 1.167 χ^2 /NDF: 458.4/15

Left: -239.404 $\pm$ 0.817 χ^2 /NDF: 1230.7/33

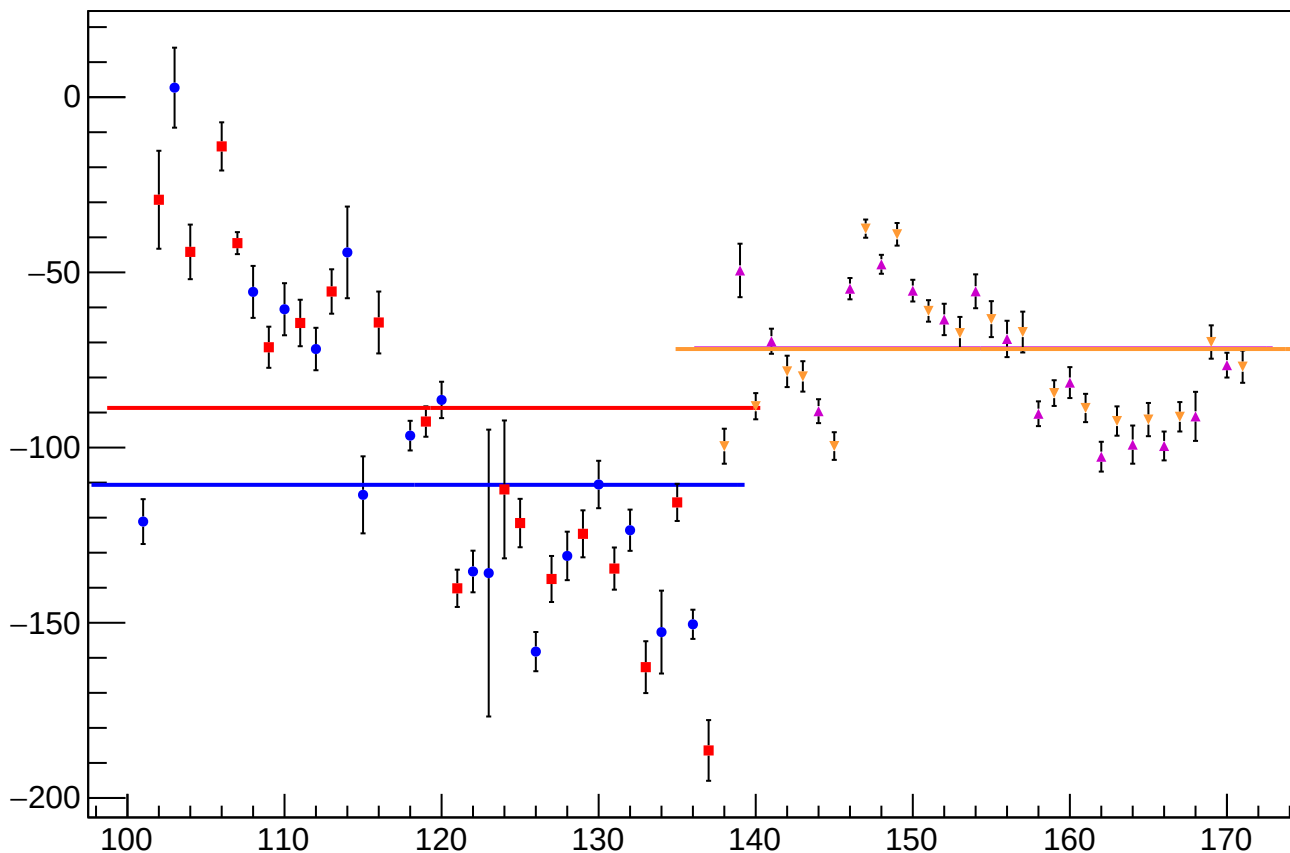
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -254.052 $\pm$ 1.062 χ^2 /NDF: 2355.0/32

Out: -247.800 $\pm$ 1.027 χ^2 /NDF: 4292.1/35

All: -250.821 $\pm$ 0.739 χ^2 /NDF: 6665.0/68

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -71.877 ± 0.941 χ^2/NDF : 493.1/17

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -71.683 ± 0.981 χ^2/NDF : 356.2/15

Left: -71.784 ± 0.679 χ^2/NDF : 849.3/33

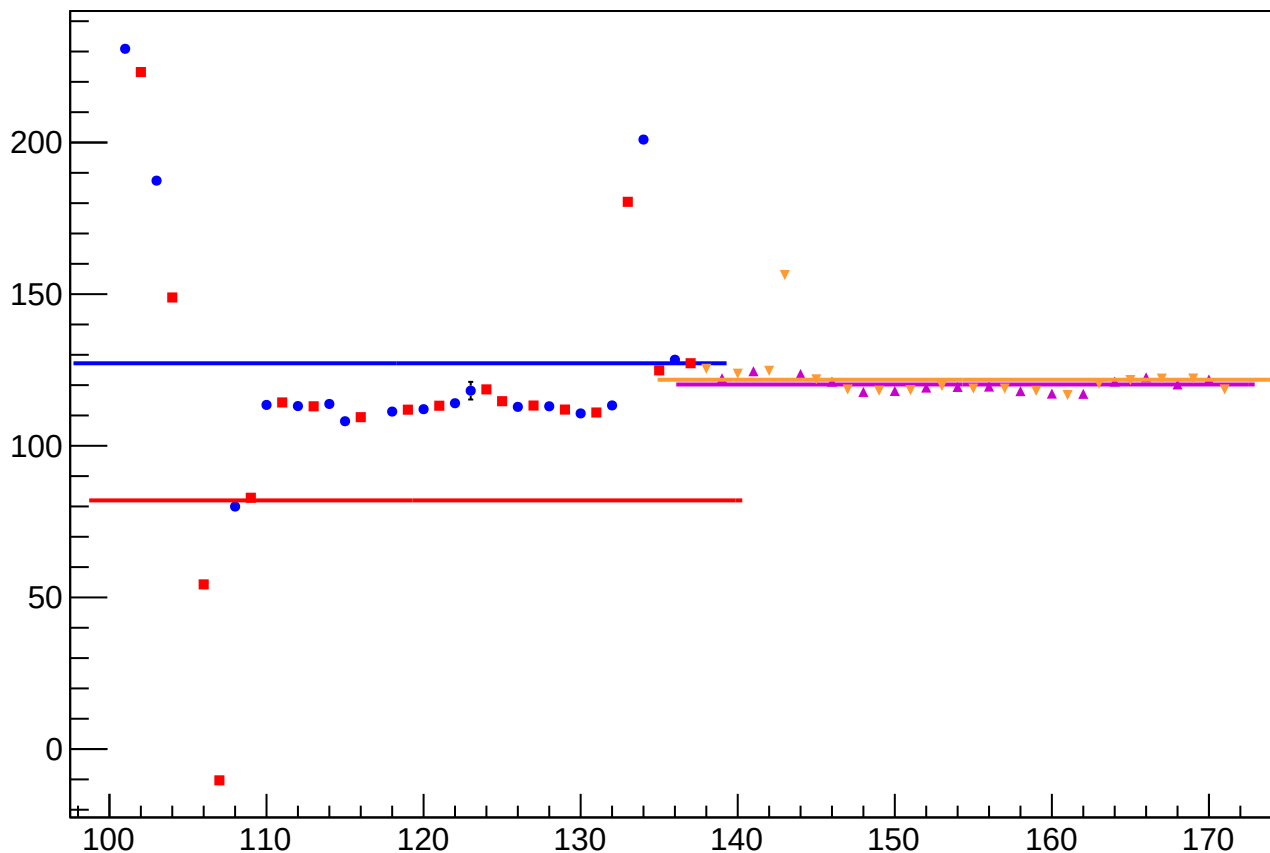
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.506 ± 0.833 χ^2/NDF : 1303.3/32

Out: -76.935 ± 0.787 χ^2/NDF : 1553.0/35

All: -79.561 ± 0.572 χ^2/NDF : 2879.9/68

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.782 $\pm$ 0.046 χ^2 /NDF: 27034.0/17

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.214 $\pm$ 0.046 χ^2 /NDF: 2504.9/15

Left: 121.012 $\pm$ 0.033 χ^2 /NDF: 30119.7/33

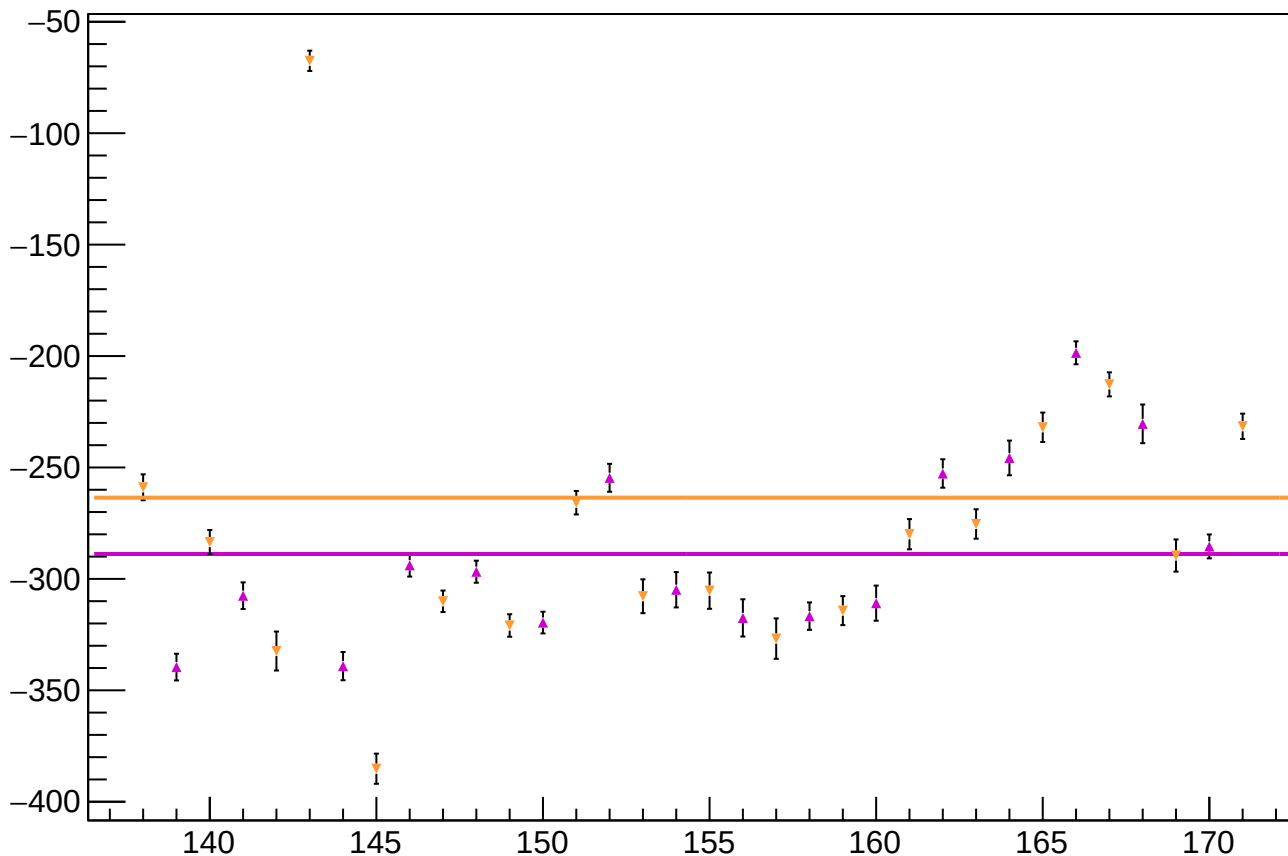
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.706 $\pm$ 0.041 χ^2 /NDF: 195369.9/32

Out: 111.145 $\pm$ 0.039 χ^2 /NDF: 980417.5/35

All: 116.143 $\pm$ 0.028 χ^2 /NDF: 1210435.9/68

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: -263.542+/-1.436 χ^2/NDF :2813.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -288.823+/-1.529 χ^2/NDF :677.3/15

Left: -275.388+/-1.047 χ^2/NDF : 3635.4/33

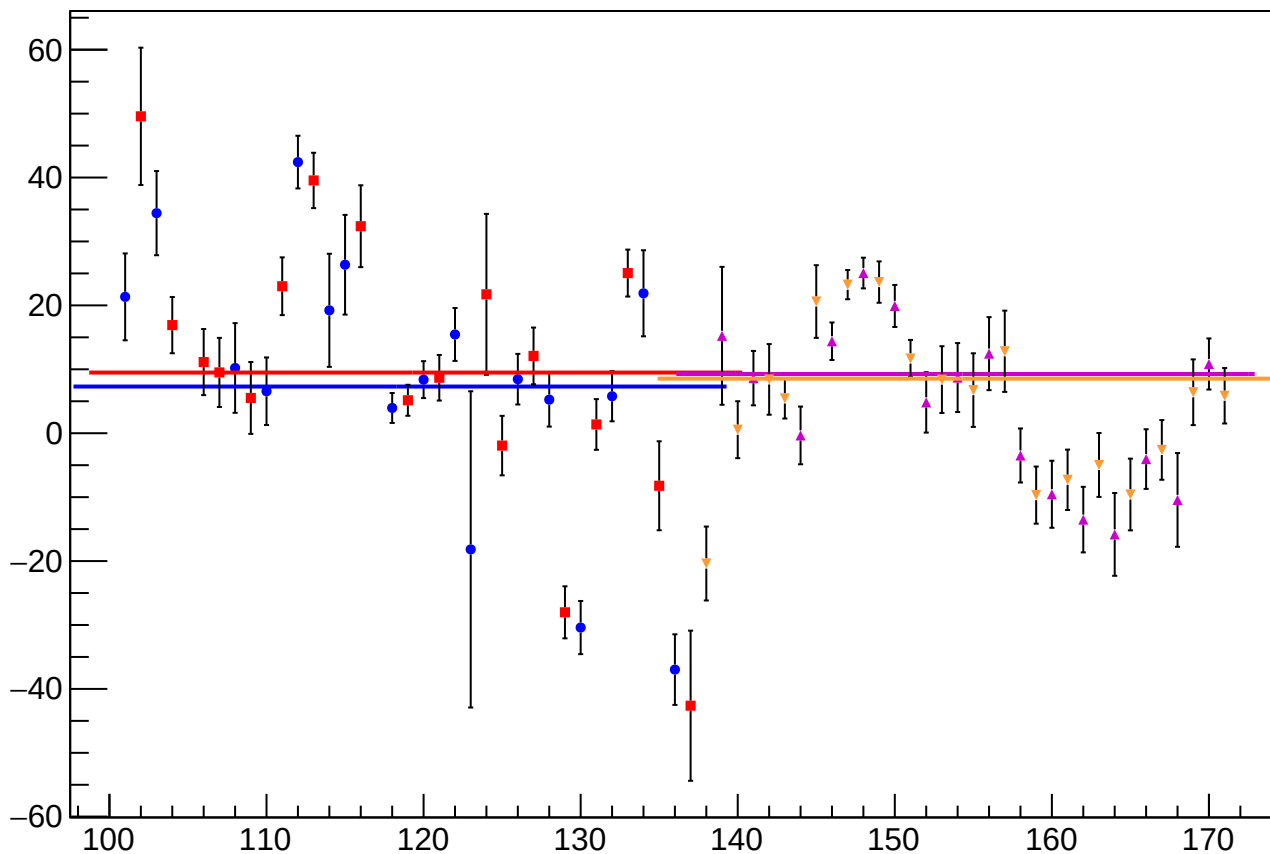
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -288.823+/-1.529 χ^2/NDF :677.3/15

Out: -263.542+/-1.436 χ^2/NDF :2813.0/17

All: -275.388+/-1.047 χ^2/NDF : 3635.4/33

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303+/-1.086 χ^2/NDF : 260.6/16

Left Out: 8.538+/-0.978 χ^2/NDF :150.5/17

Right Out: 9.493+/-1.073 χ^2/NDF : 231.1/17

Left In: 9.265+/-1.062 χ^2/NDF :135.1/15

Left: 8.872+/-0.720 χ^2/NDF : 285.9/33

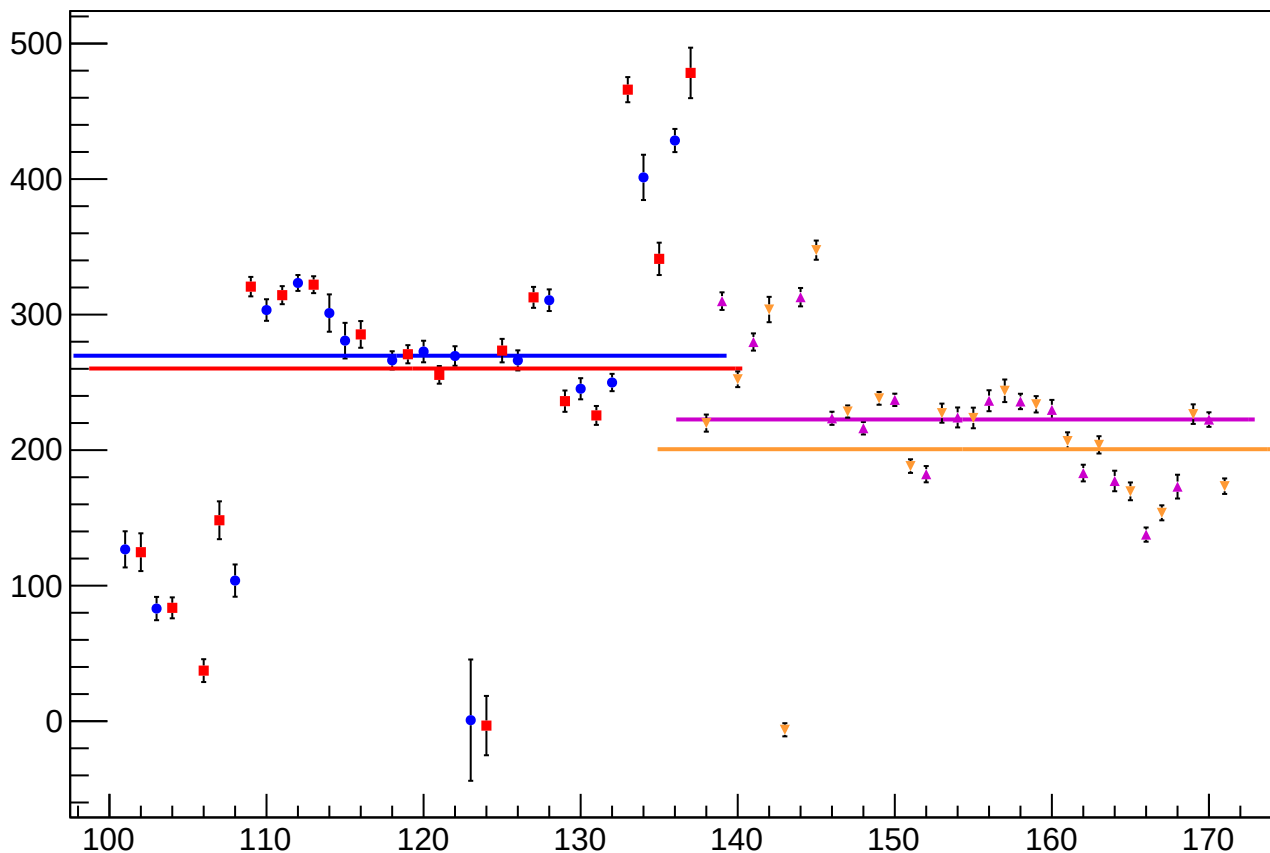
Right: 8.410+/-0.763 χ^2/NDF : 493.8/34

In: 8.305+/-0.759 χ^2/NDF :397.4/32

Out: 8.971+/-0.723 χ^2/NDF :382.1/35

All: 8.654+/-0.524 χ^2/NDF : 779.9/68

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 200.685 $\pm$ 1.420 χ^2 /NDF: 2778.8/17

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 222.629 $\pm$ 1.495 χ^2 /NDF: 876.8/15

Left: 211.096 $\pm$ 1.029 χ^2 /NDF: 3768.9/33

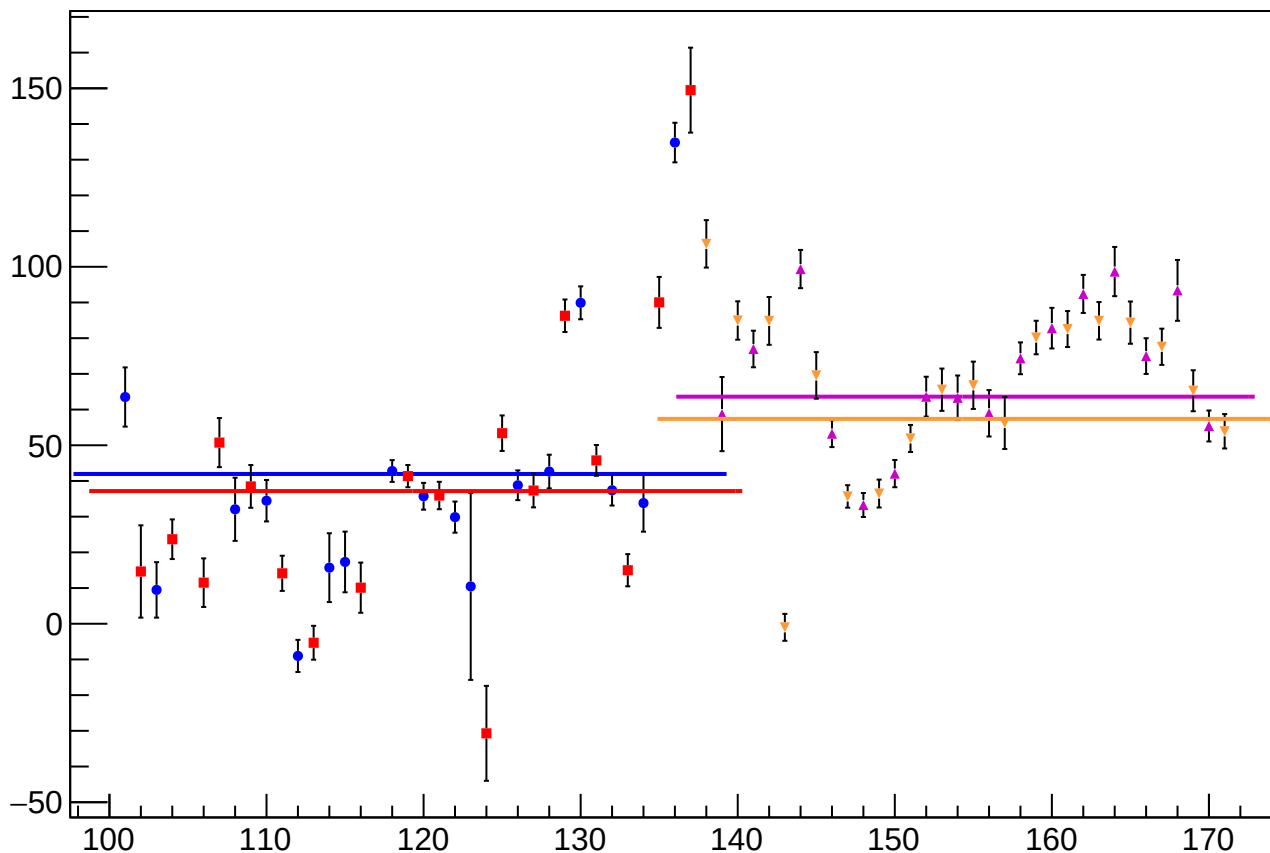
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 238.684 $\pm$ 1.213 χ^2 /NDF: 2591.5/32

Out: 220.924 $\pm$ 1.154 χ^2 /NDF: 5904.4/35

All: 229.360 $\pm$ 0.836 χ^2 /NDF: 8608.5/68

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: 57.392 ± 1.161 χ^2/NDF : 538.3/17

Right Out: 37.171 ± 1.236 χ^2/NDF : 470.9/17

Left In: 63.613 ± 1.254 χ^2/NDF : 266.4/15

Left: 60.264 ± 0.852 χ^2/NDF : 817.9/33

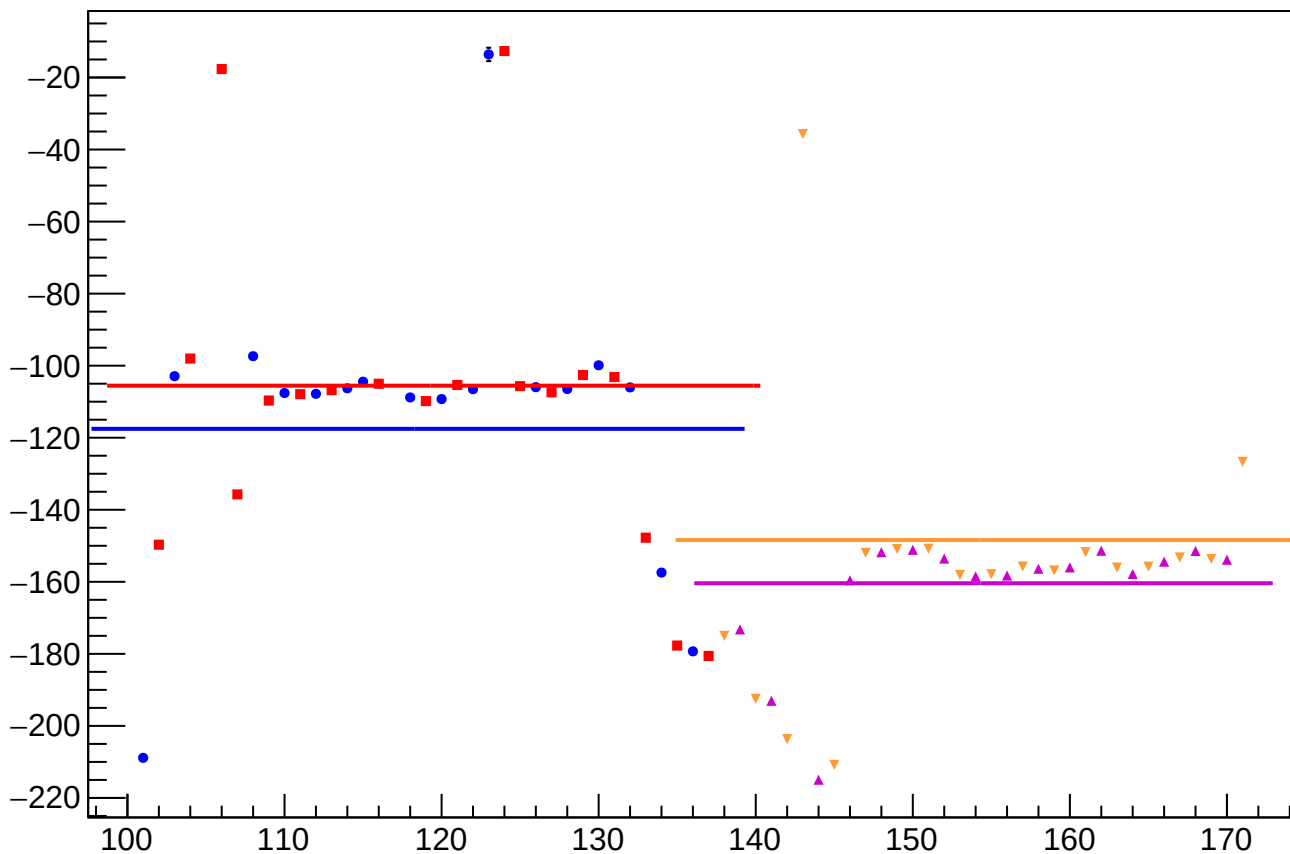
Right: 39.523 ± 0.882 χ^2/NDF : 1052.5/34

In: 52.822 ± 0.888 χ^2/NDF : 989.3/32

Out: 47.910 ± 0.846 χ^2/NDF : 1151.2/35

All: 50.248 ± 0.613 χ^2/NDF : 2156.5/68

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -148.405+/-0.057 χ^2/NDF : 466913.1/17

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -160.396+/-0.059 χ^2/NDF : 62675.1/15

Left: -154.094+/-0.041 χ^2/NDF : 550955.8/33

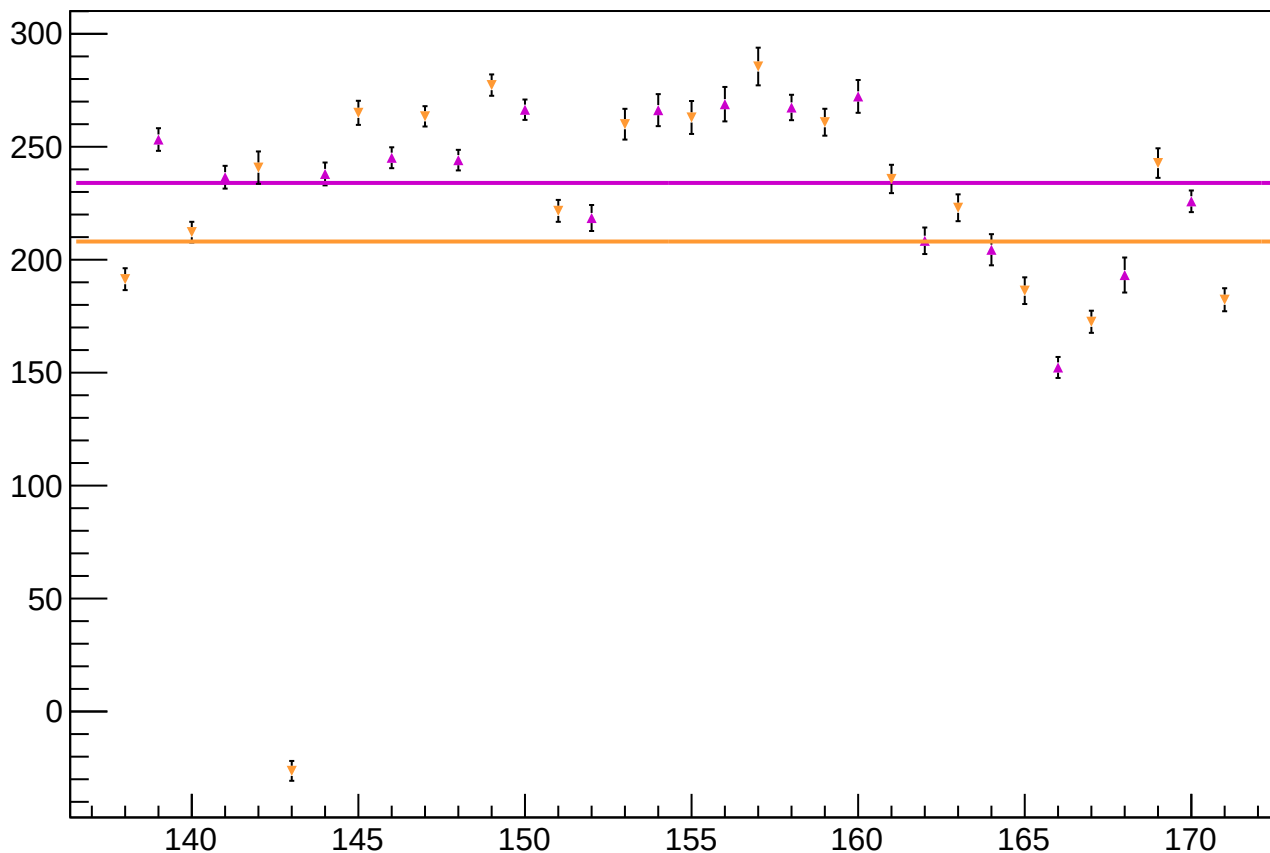
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -144.672+/-0.047 χ^2/NDF : 395299.7/32

Out: -132.316+/-0.045 χ^2/NDF : 1000282.9/35

All: -138.136+/-0.032 χ^2/NDF : 1431647.0/68

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.059+/-1.289 χ^2/NDF : 3789.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Left: 220.284+/-0.937 χ^2/NDF : 4547.2/33

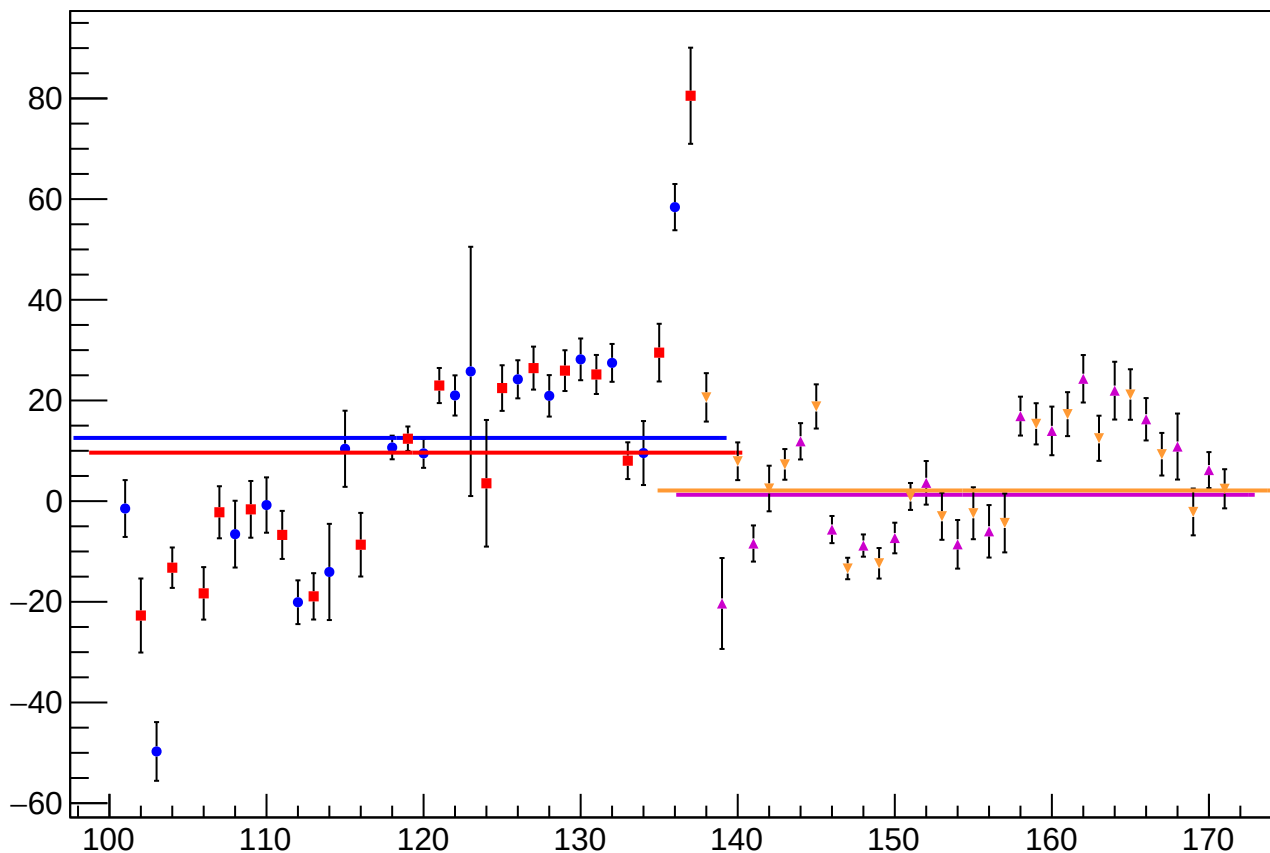
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.996+/-1.365 χ^2/NDF : 566.8/15

Out: 208.059+/-1.289 χ^2/NDF : 3789.5/17

All: 220.284+/-0.937 χ^2/NDF : 4547.2/33

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: 2.118 ± 0.886 $\chi^2/\text{NDF}: 159.6/17$

Right Out: 9.631 ± 1.049 $\chi^2/\text{NDF}: 287.5/17$

Left In: 1.268 ± 0.956 $\chi^2/\text{NDF}: 140.3/15$

Left: 1.725 ± 0.650 $\chi^2/\text{NDF}: 300.3/33$

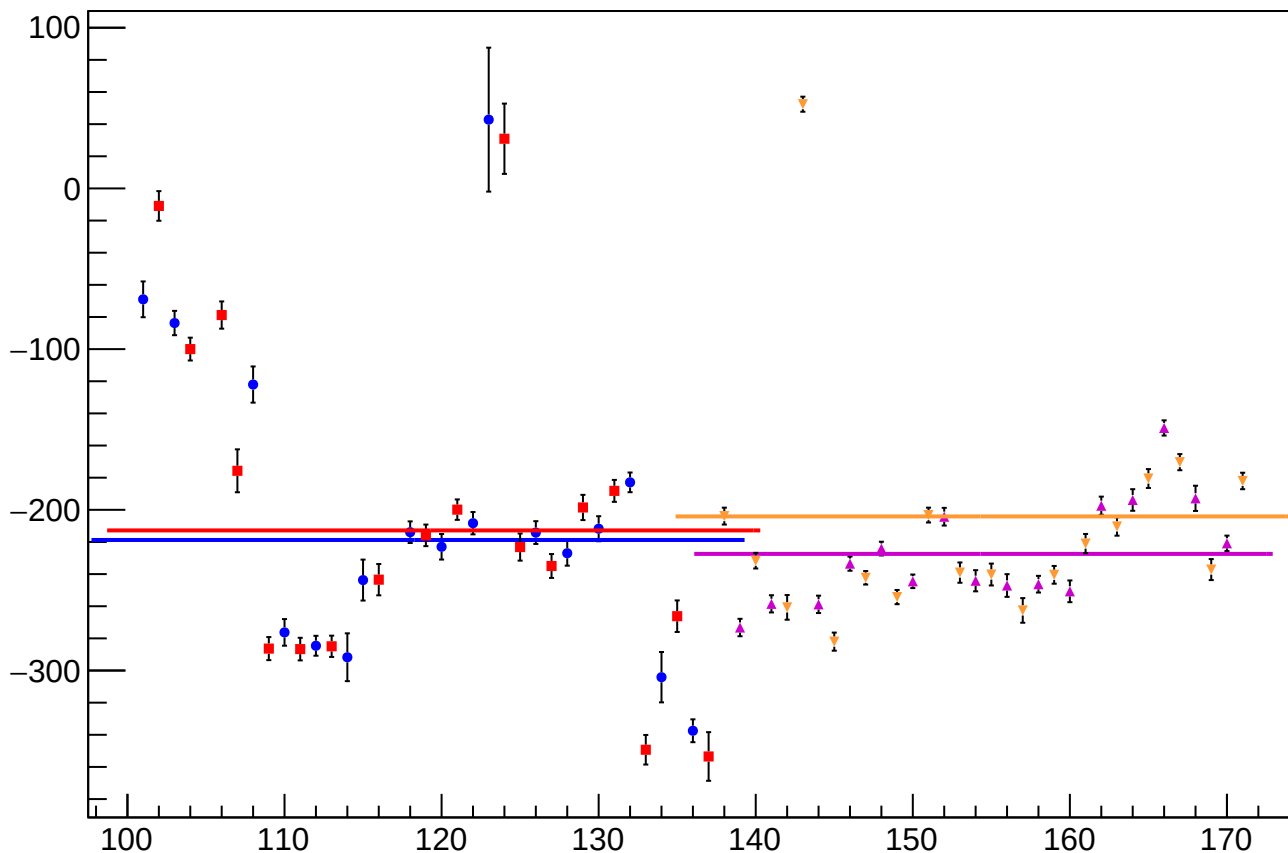
Right: 11.084 ± 0.745 $\chi^2/\text{NDF}: 639.9/34$

In: 6.348 ± 0.709 $\chi^2/\text{NDF}: 551.6/32$

Out: 5.246 ± 0.677 $\chi^2/\text{NDF}: 477.0/35$

All: 5.771 ± 0.490 $\chi^2/\text{NDF}: 1029.8/68$

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -204.113 ± 1.278 $\chi^2/\text{NDF}: 3757.5/17$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -227.431 ± 1.339 $\chi^2/\text{NDF}: 562.7/15$

Left: -215.235 ± 0.925 $\chi^2/\text{NDF}: 4479.0/33$

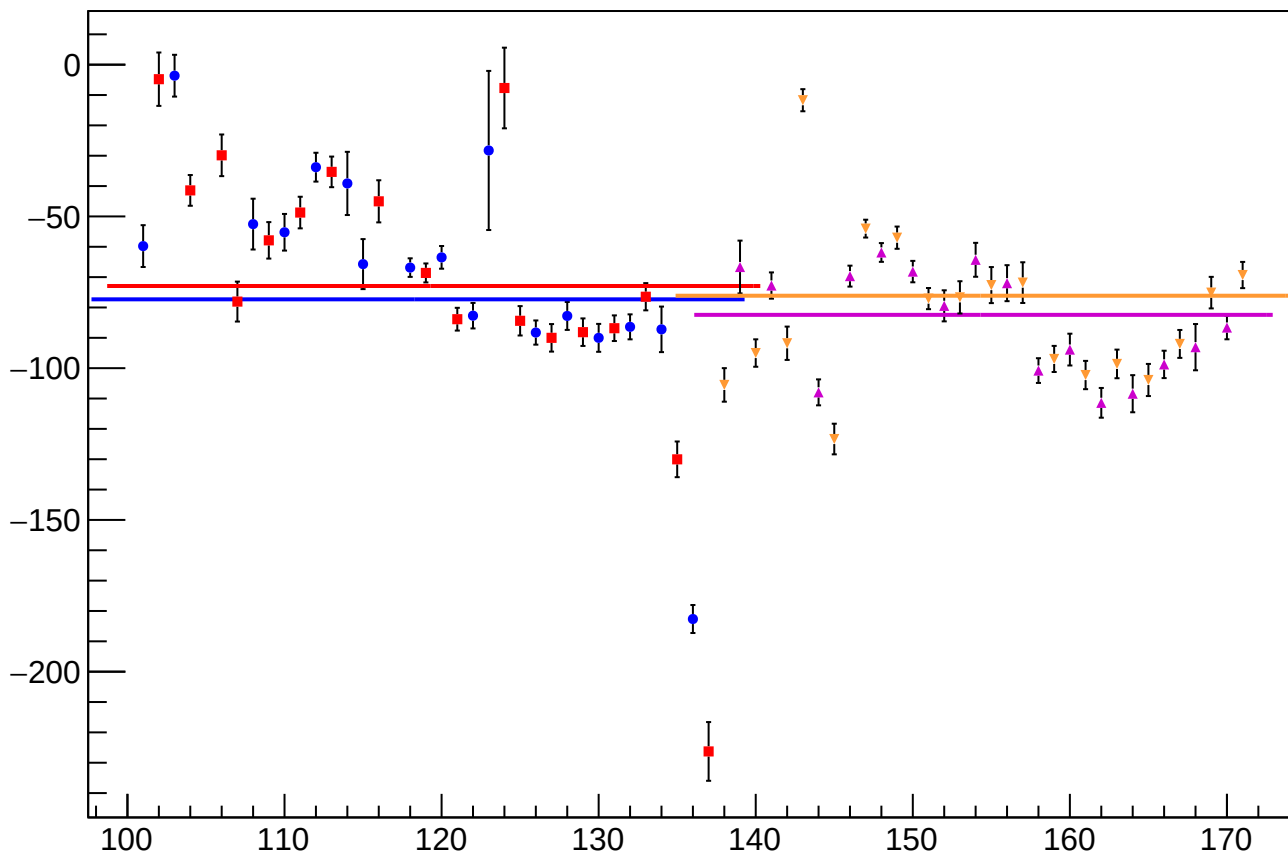
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -224.770 ± 1.114 $\chi^2/\text{NDF}: 1720.0/32$

Out: -206.774 ± 1.065 $\chi^2/\text{NDF}: 5596.2/35$

All: -215.367 ± 0.770 $\chi^2/\text{NDF}: 7452.5/68$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -76.127 ± 1.050 $\chi^2/\text{NDF}: 658.3/17$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -82.433 ± 1.127 $\chi^2/\text{NDF}: 226.4/15$

Left: -79.057 ± 0.768 $\chi^2/\text{NDF}: 901.5/33$

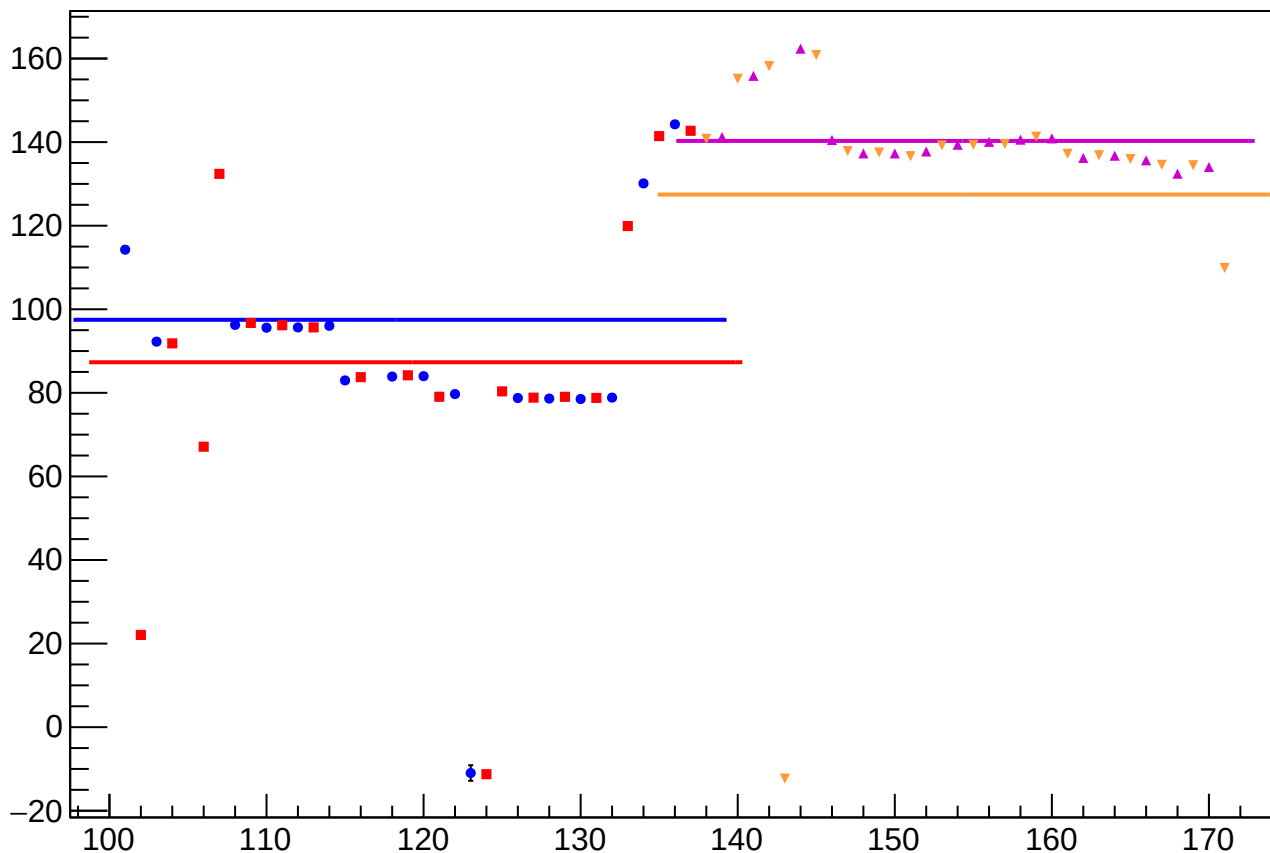
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -80.082 ± 0.829 $\chi^2/\text{NDF}: 1053.6/32$

Out: -74.747 ± 0.793 $\chi^2/\text{NDF}: 1323.1/35$

All: -77.296 ± 0.573 $\chi^2/\text{NDF}: 2398.4/68$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2/NDF : 94392.9/16

Left Out: 127.450+/-0.051 χ^2/NDF : 641260.0/17

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 140.283+/-0.053 χ^2/NDF : 17525.4/15

Left: 133.568+/-0.037 χ^2/NDF : 689193.3/33

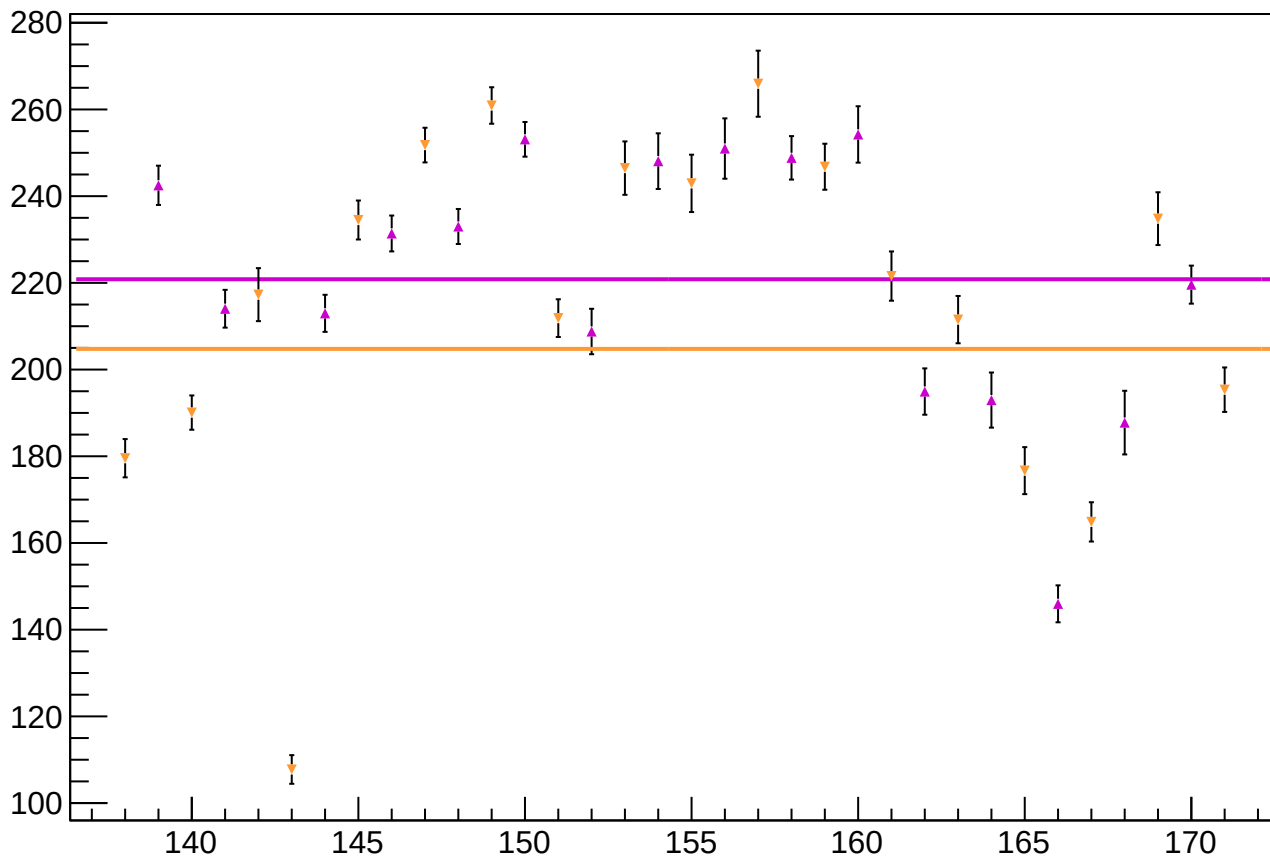
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 125.521+/-0.043 χ^2/NDF : 334866.7/32

Out: 113.162+/-0.041 χ^2/NDF : 1085193.7/35

All: 119.001+/-0.030 χ^2/NDF : 1463461.1/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 220.834+/-1.223 χ^2/NDF :580.6/15

Left: 212.241+/-0.834 χ^2/NDF : 2295.8/33

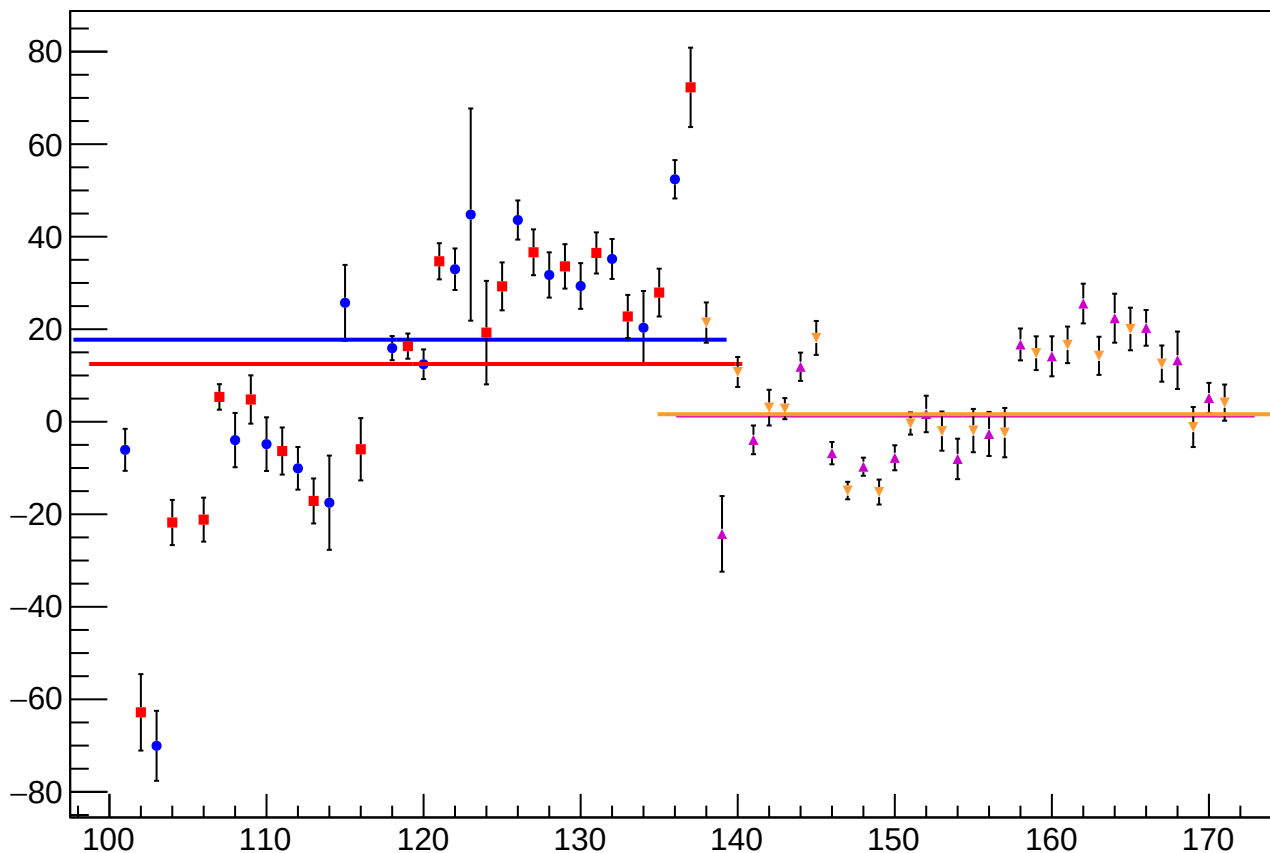
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 220.834+/-1.223 χ^2/NDF :580.6/15

Out: 204.773+/-1.140 χ^2/NDF :1623.0/17

All: 212.241+/-0.834 χ^2/NDF : 2295.8/33

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: 1.624 ± 0.781 $\chi^2/\text{NDF}: 228.3/17$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 1.347 ± 0.854 $\chi^2/\text{NDF}: 190.1/15$

Left: 1.498 ± 0.576 $\chi^2/\text{NDF}: 418.4/33$

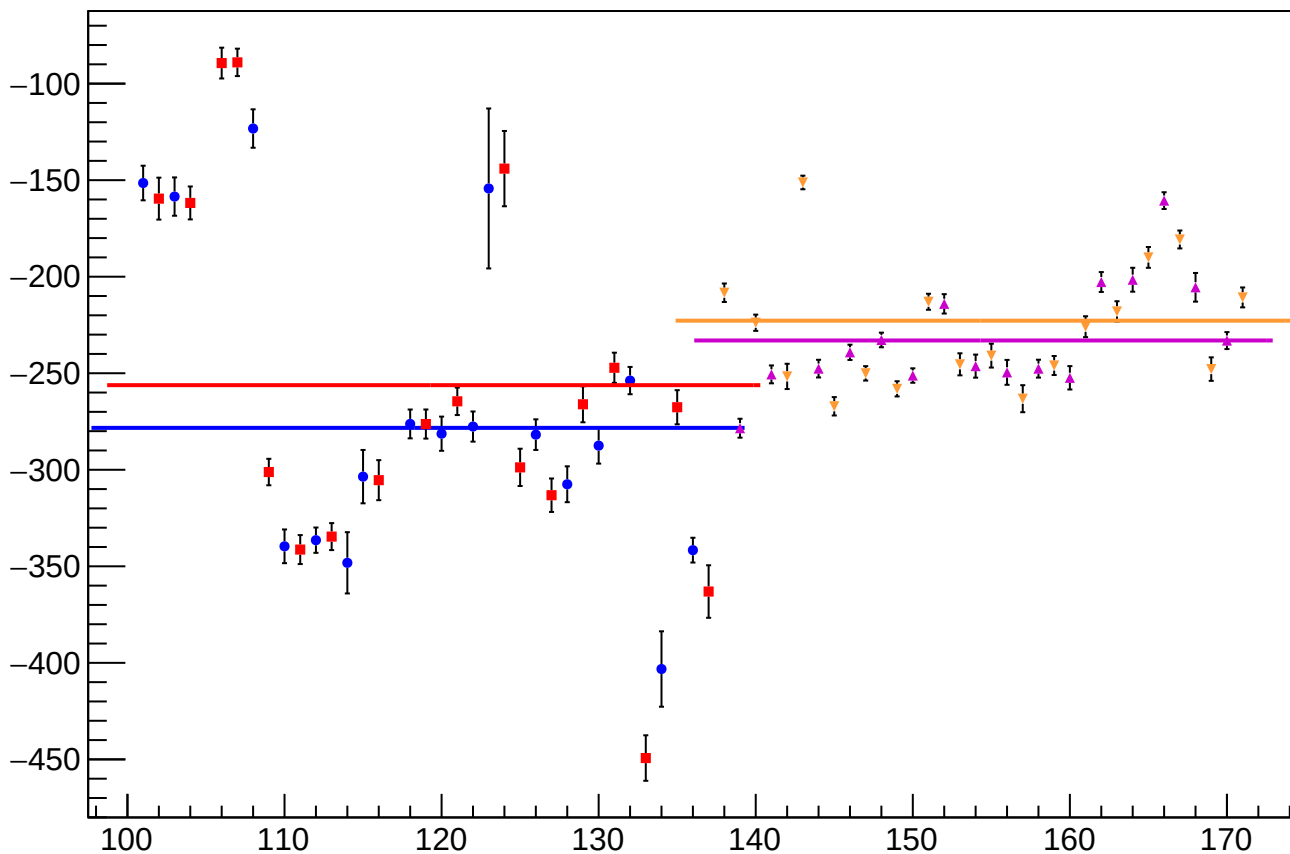
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 7.182 ± 0.685 $\chi^2/\text{NDF}: 715.2/32$

Out: 5.331 ± 0.634 $\chi^2/\text{NDF}: 723.5/35$

All: 6.184 ± 0.465 $\chi^2/\text{NDF}: 1442.6/68$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -222.771 ± 1.135 $\chi^2/\text{NDF}: 889.6/17$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -233.031 ± 1.201 $\chi^2/\text{NDF}: 535.0/15$

Left: -227.611 ± 0.825 $\chi^2/\text{NDF}: 1463.2/33$

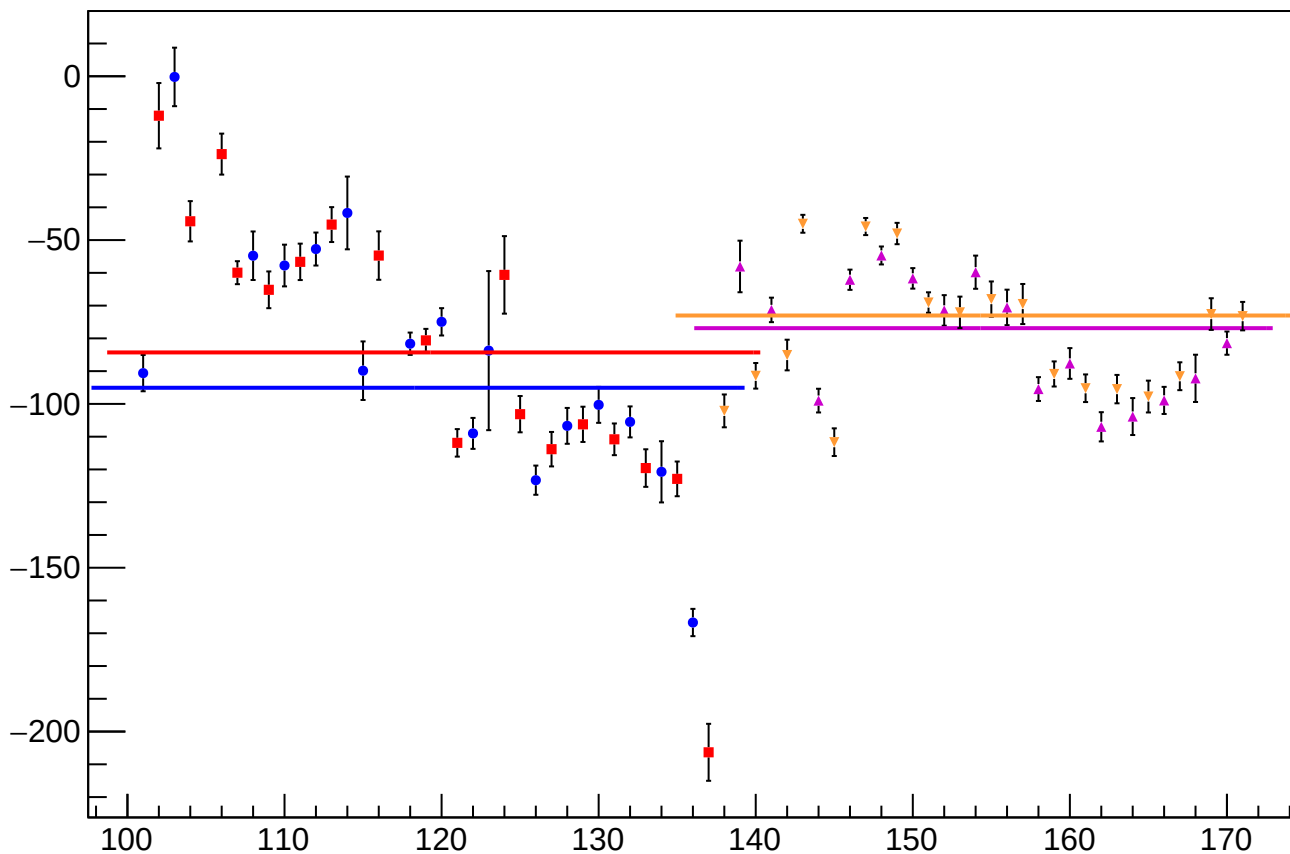
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -243.623 ± 1.051 $\chi^2/\text{NDF}: 1777.5/32$

Out: -230.754 ± 0.990 $\chi^2/\text{NDF}: 3049.0/35$

All: -236.805 ± 0.721 $\chi^2/\text{NDF}: 4906.0/68$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.019 ± 0.928 χ^2/NDF : 542.7/17

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -76.883 ± 1.008 χ^2/NDF : 305.9/15

Left: -74.791 ± 0.683 χ^2/NDF : 856.6/33

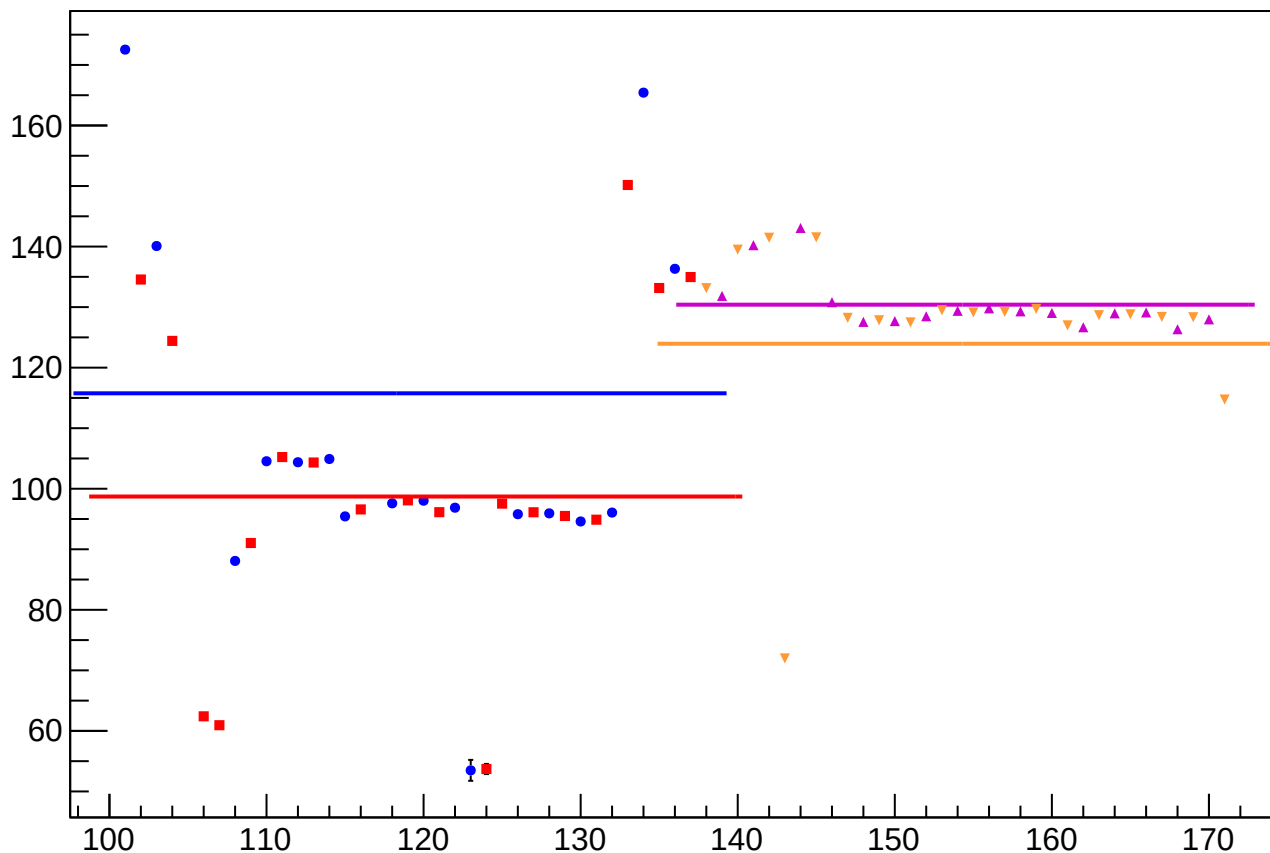
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.552 ± 0.802 χ^2/NDF : 1098.4/32

Out: -76.991 ± 0.747 χ^2/NDF : 1363.5/35

All: -80.037 ± 0.547 χ^2/NDF : 2497.7/68

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.950 $\pm$ 0.045 χ^2 /NDF:165984.4/17

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 130.402 $\pm$ 0.048 χ^2 /NDF:8488.4/15

Left: 126.999 $\pm$ 0.033 χ^2 /NDF: 184074.1/33

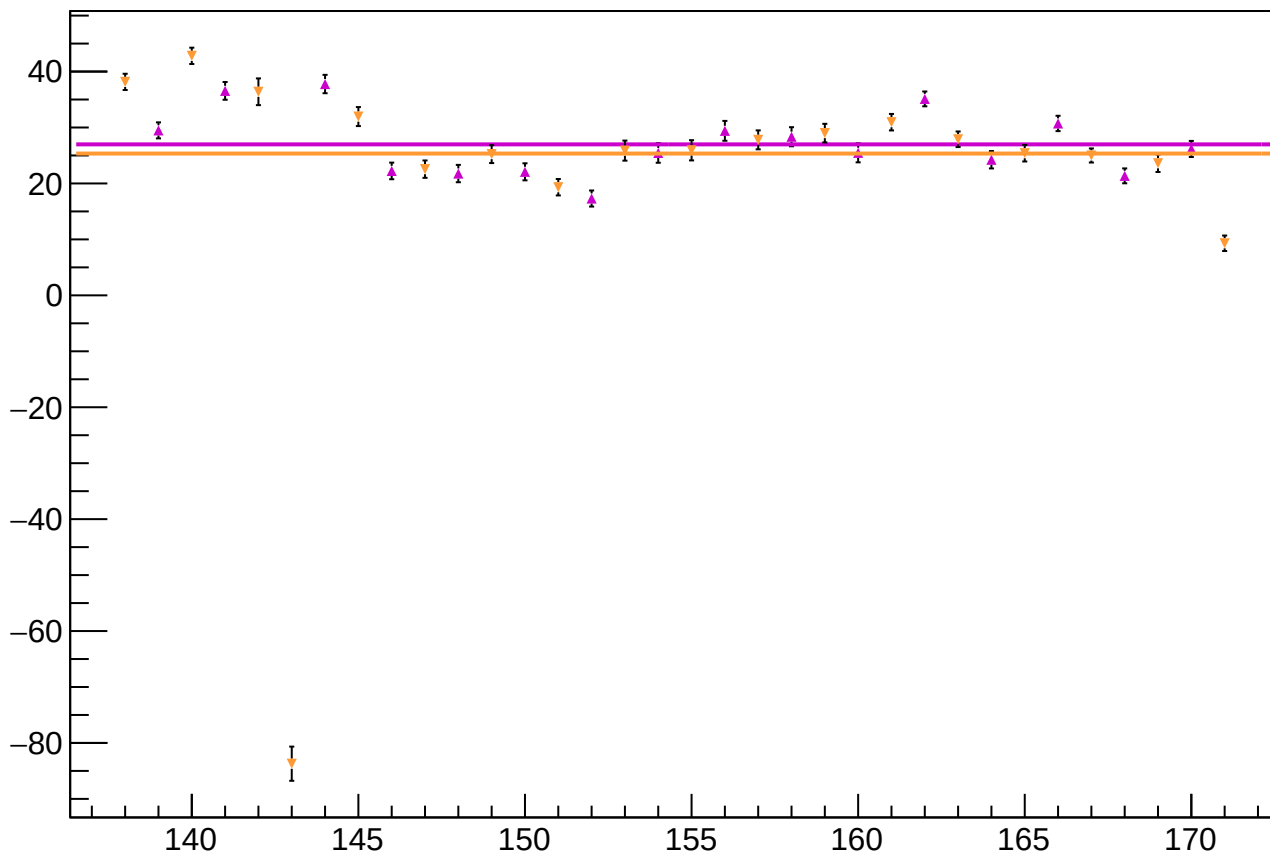
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 126.409 $\pm$ 0.041 χ^2 /NDF:140345.6/32

Out: 116.311 $\pm$ 0.038 χ^2 /NDF:430239.9/35

All: 120.978 $\pm$ 0.028 χ^2 /NDF: 603560.0/68

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: 25.342 $\pm$ 0.373 χ^2 /NDF:1712.1/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 26.985 $\pm$ 0.380 χ^2 /NDF:230.3/15

Left: 26.150 $\pm$ 0.266 χ^2 /NDF: 1951.8/33

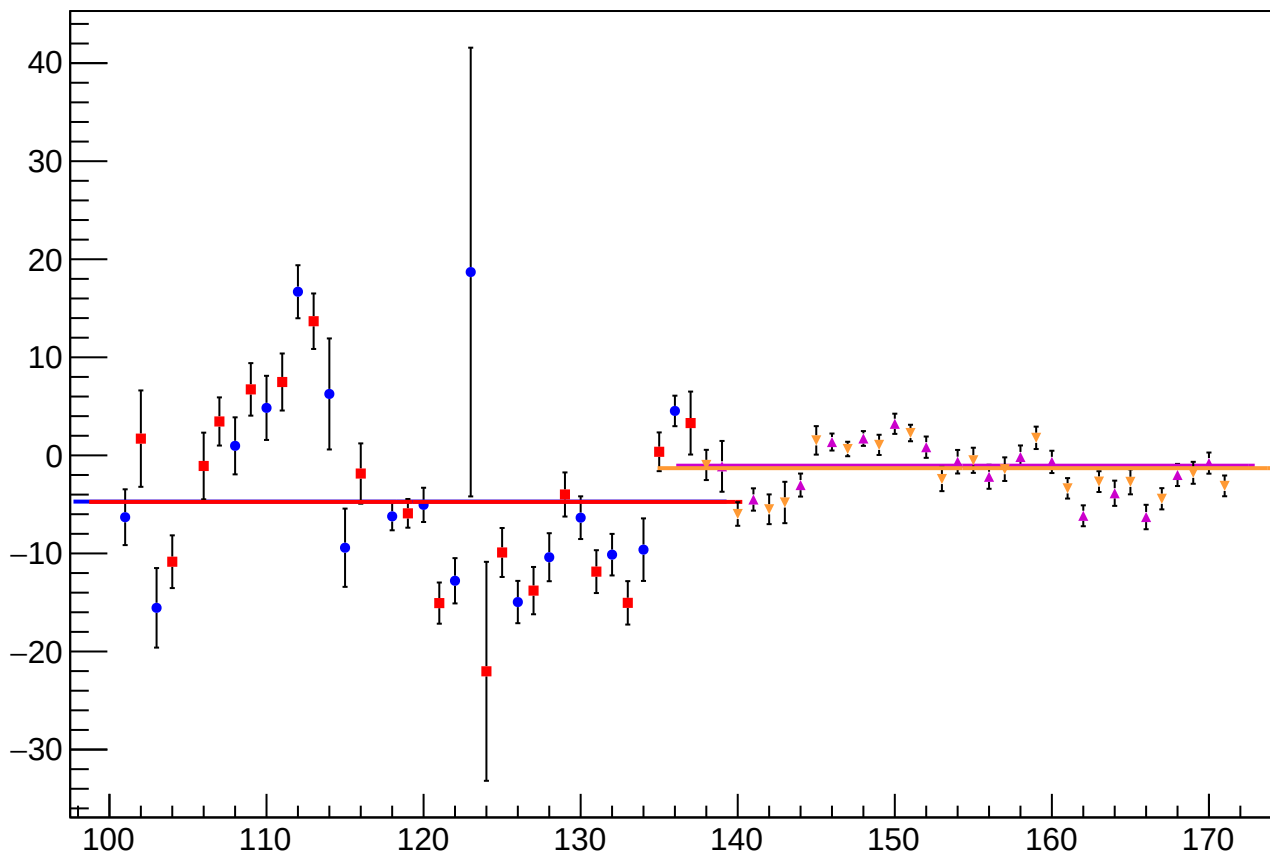
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 26.985 $\pm$ 0.380 χ^2 /NDF:230.3/15

Out: 25.342 $\pm$ 0.373 χ^2 /NDF:1712.1/17

All: 26.150 $\pm$ 0.266 χ^2 /NDF: 1951.8/33

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -1.305 ± 0.266 χ^2/NDF : 86.5/17

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -1.052 ± 0.276 χ^2/NDF : 101.3/15

Left: -1.183 ± 0.191 χ^2/NDF : 188.3/33

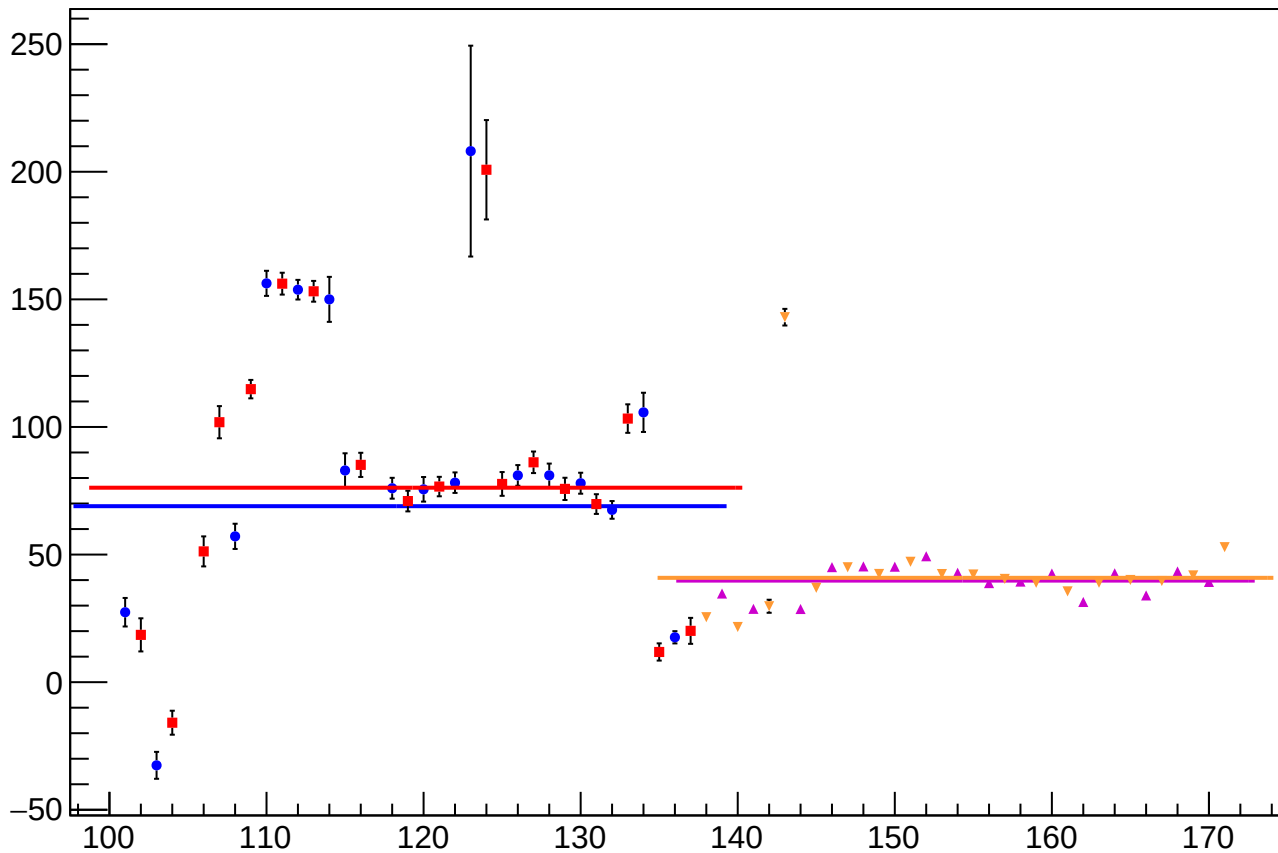
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.725 ± 0.249 χ^2/NDF : 308.5/32

Out: -1.894 ± 0.242 χ^2/NDF : 304.5/35

All: -1.812 ± 0.174 χ^2/NDF : 613.2/68

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 $\pm$ 1.079 χ^2/NDF : 1844.0/16

Left Out: 40.885 $\pm$ 0.367 χ^2/NDF :1379.9/17

Right Out: 76.199 $\pm$ 1.071 χ^2/NDF : 1881.0/17

Left In: 39.800 $\pm$ 0.372 χ^2/NDF :263.2/15

Left: 40.349 $\pm$ 0.261 χ^2/NDF : 1647.4/33

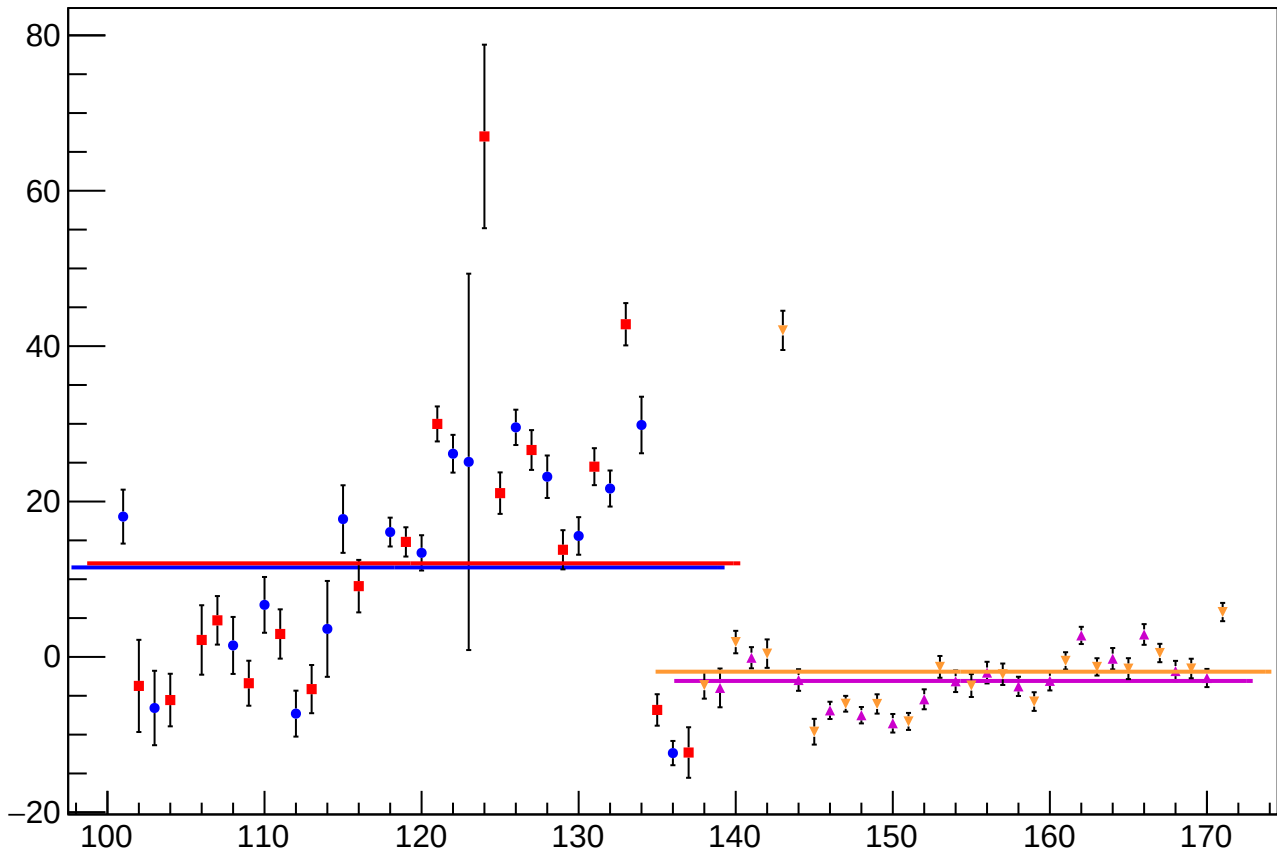
Right: 72.606 $\pm$ 0.760 χ^2/NDF : 3747.6/34

In: 42.899 $\pm$ 0.352 χ^2/NDF :2760.1/32

Out: 44.604 $\pm$ 0.348 χ^2/NDF :4233.6/35

All: 43.762 $\pm$ 0.247 χ^2/NDF : 7005.5/68

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -1.899 ± 0.308 $\chi^2/\text{NDF}: 456.7/17$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -3.092 ± 0.319 $\chi^2/\text{NDF}: 112.7/15$

Left: -2.475 ± 0.222 $\chi^2/\text{NDF}: 576.5/33$

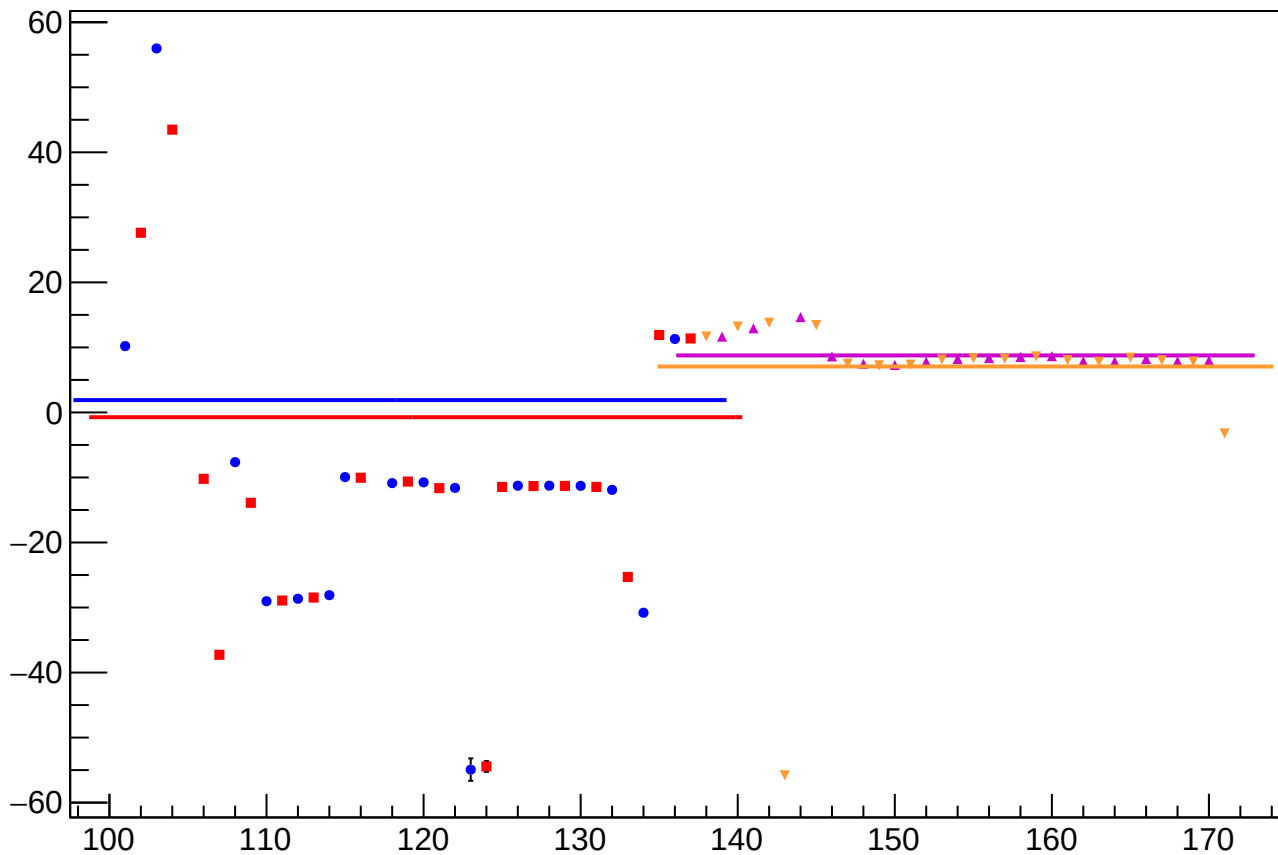
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.317 ± 0.287 $\chi^2/\text{NDF}: 987.2/32$

Out: 0.573 ± 0.280 $\chi^2/\text{NDF}: 1357.7/35$

All: 0.140 ± 0.201 $\chi^2/\text{NDF}: 2349.9/68$

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: 7.065 $\pm$ 0.014 χ^2 /NDF:304401.2/17

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 8.767 $\pm$ 0.015 χ^2 /NDF:15109.0/15

Left: 7.899 $\pm$ 0.010 χ^2 /NDF: 326477.7/33

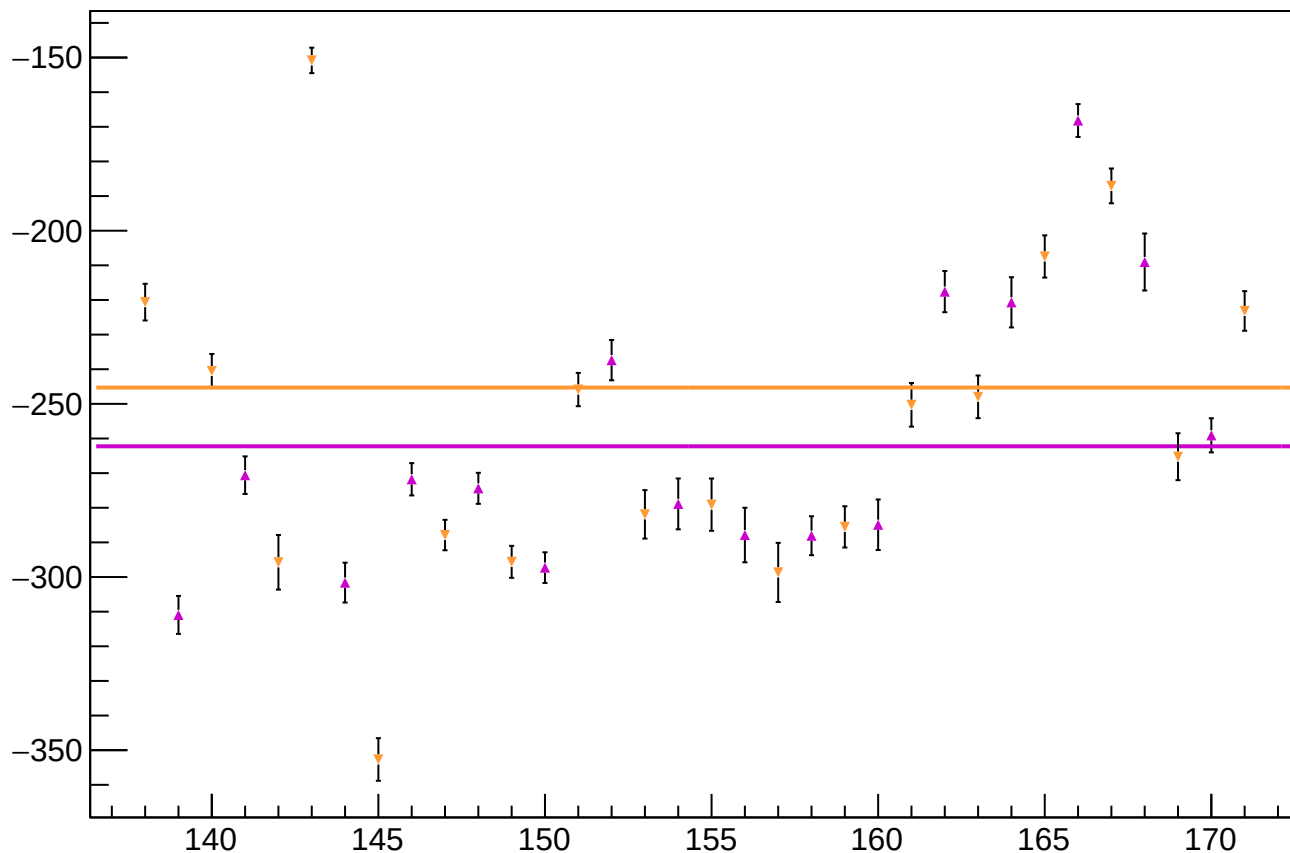
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 7.848 $\pm$ 0.014 χ^2 /NDF:403765.2/32

Out: 6.059 $\pm$ 0.013 χ^2 /NDF:702782.2/35

All: 6.939 $\pm$ 0.010 χ^2 /NDF: 1115407.1/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -262.252+/-1.405 χ^2/NDF :791.9/15

Left: -253.157+/-0.957 χ^2/NDF : 2440.4/33

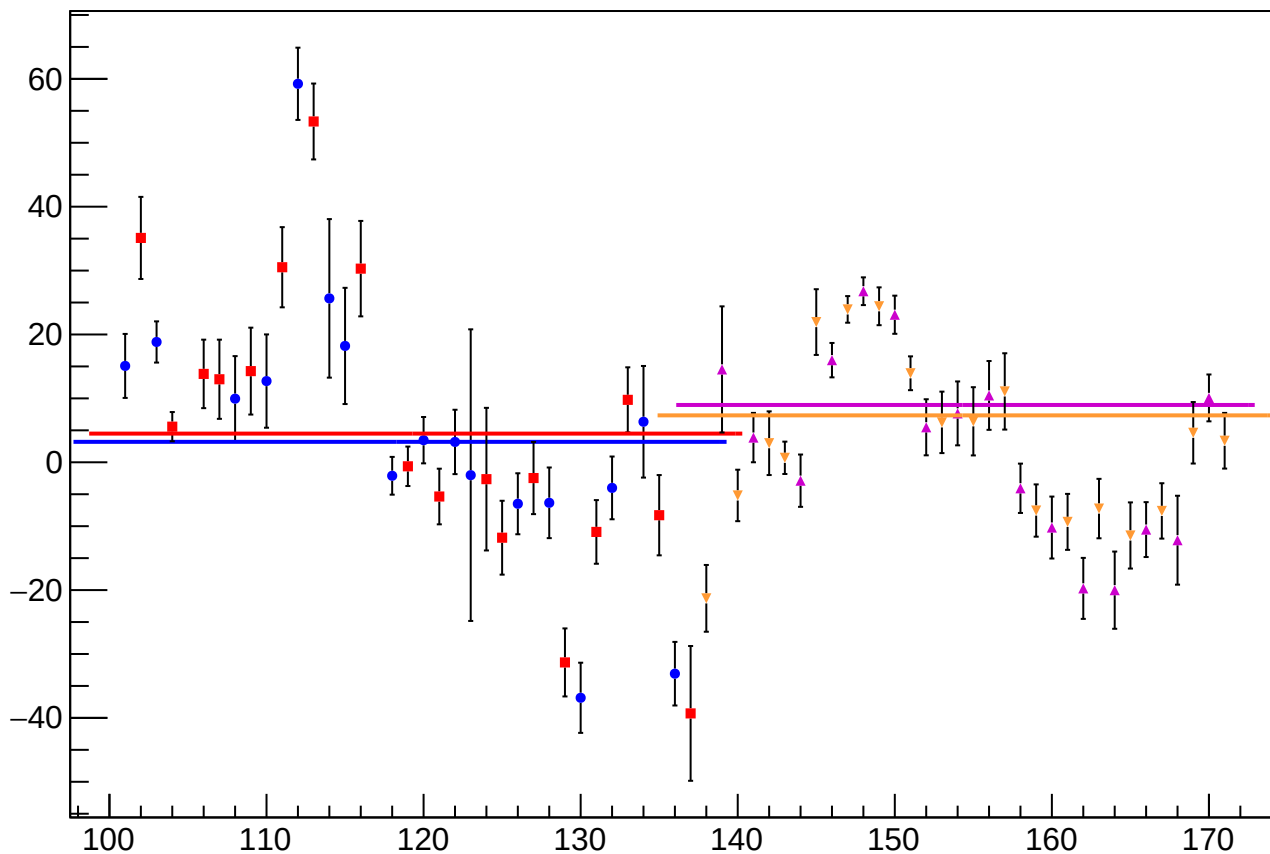
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -262.252+/-1.405 χ^2/NDF :791.9/15

Out: -245.288+/-1.307 χ^2/NDF :1570.3/17

All: -253.157+/-0.957 χ^2/NDF : 2440.4/33

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: 7.342 ± 0.887 $\chi^2/\text{NDF}: 222.6/17$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 8.970 ± 0.973 $\chi^2/\text{NDF}: 223.8/15$

Left: 8.081 ± 0.656 $\chi^2/\text{NDF}: 448.0/33$

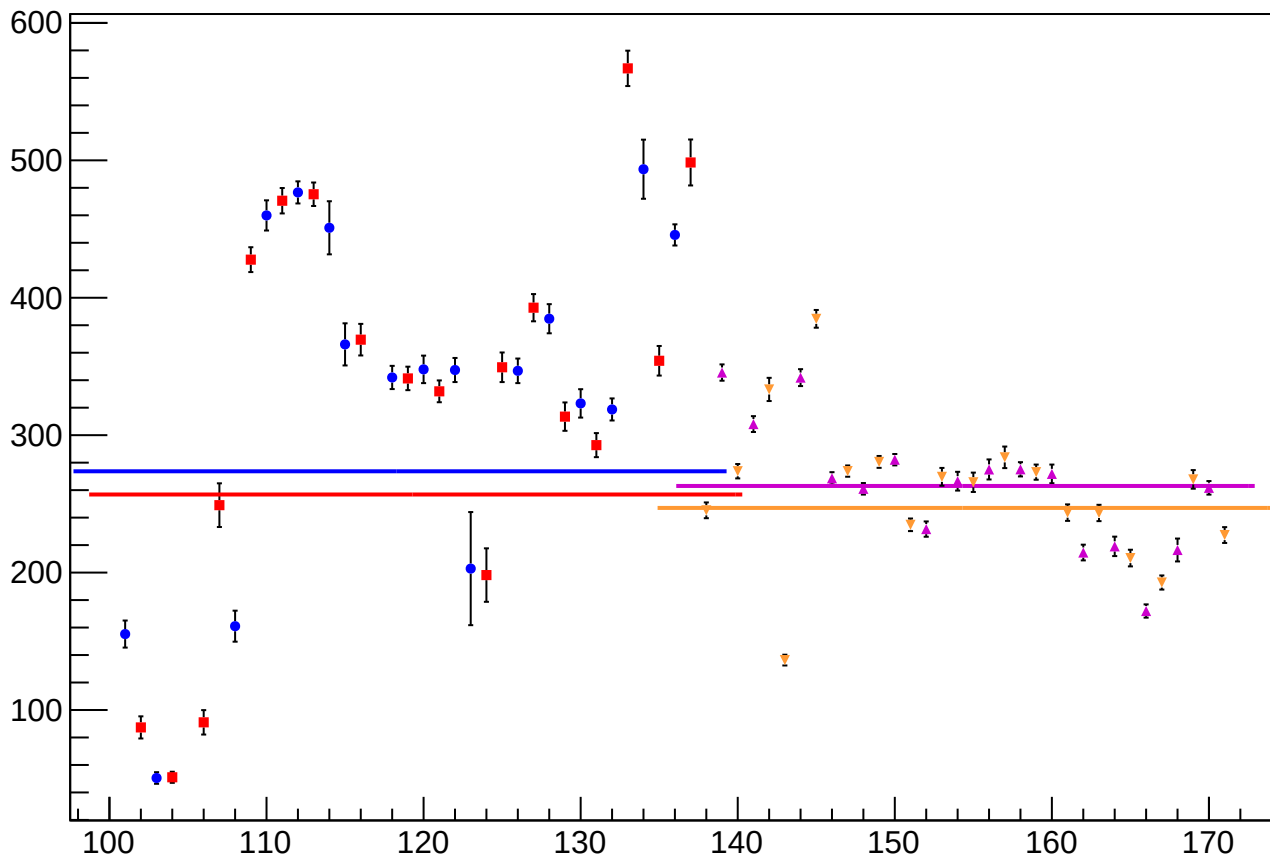
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 6.743 ± 0.762 $\chi^2/\text{NDF}: 492.6/32$

Out: 6.288 ± 0.704 $\chi^2/\text{NDF}: 448.2/35$

All: 6.497 ± 0.517 $\chi^2/\text{NDF}: 941.0/68$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 247.056+/-1.295 χ^2/NDF : 1725.2/17

Right Out: 256.826+/-2.084 χ^2/NDF : 6411.8/17

Left In: 263.041+/-1.373 χ^2/NDF : 980.0/15

Left: 254.581+/-0.942 χ^2/NDF : 2776.9/33

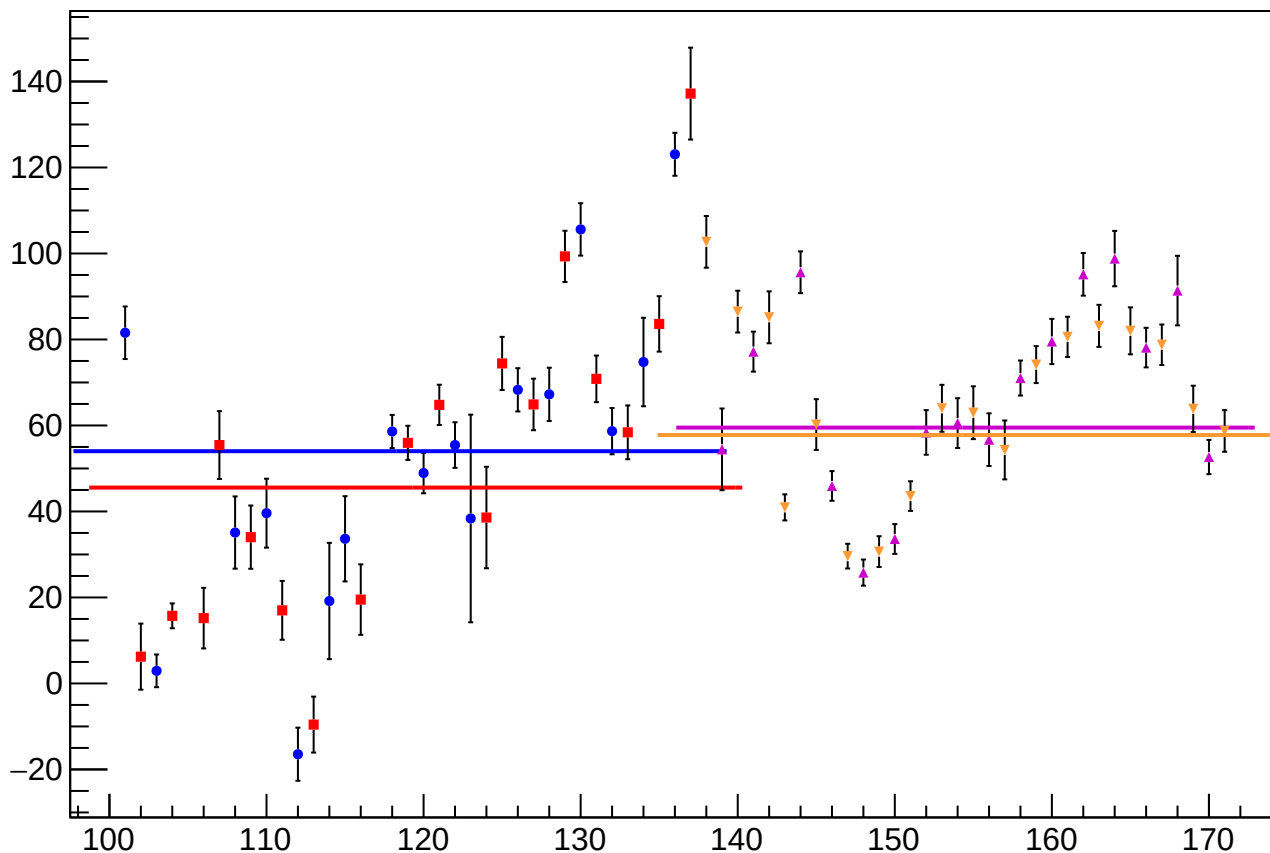
Right: 264.834+/-1.511 χ^2/NDF : 11546.2/34

In: 266.044+/-1.164 χ^2/NDF : 6100.3/32

Out: 249.778+/-1.100 χ^2/NDF : 8152.8/35

All: 257.450+/-0.799 χ^2/NDF : 14356.3/68

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 57.774 $\pm$ 1.056 χ^2 /NDF:421.2/17

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 59.504 $\pm$ 1.150 χ^2 /NDF:411.3/15

Left: 58.565 $\pm$ 0.778 χ^2 /NDF: 833.7/33

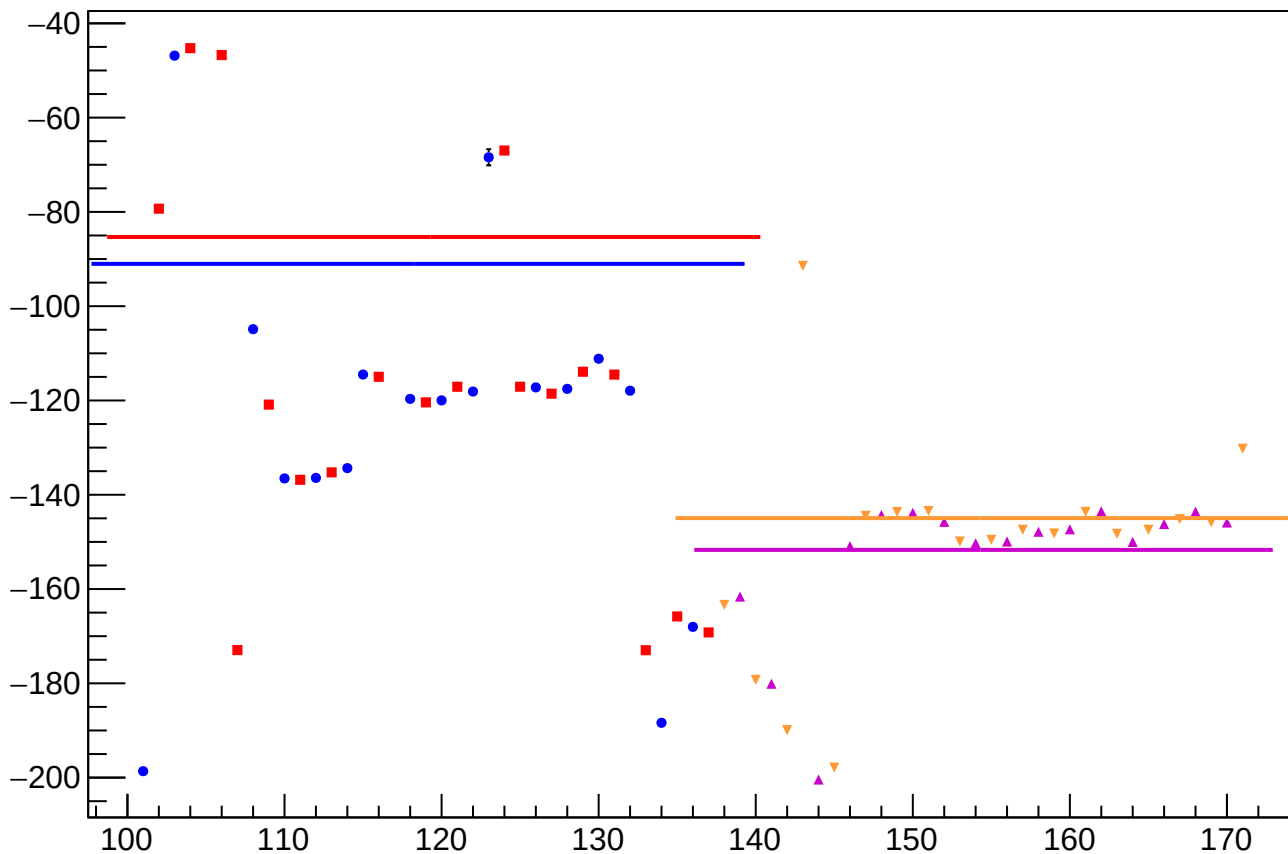
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 57.335 $\pm$ 0.895 χ^2 /NDF:1053.1/32

Out: 53.171 $\pm$ 0.834 χ^2 /NDF:998.3/35

All: 55.106 $\pm$ 0.610 χ^2 /NDF: 2063.0/68

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: -144.950 ± 0.052 $\chi^2/\text{NDF}: 211273.2/17$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -151.695 ± 0.055 $\chi^2/\text{NDF}: 58632.1/15$

Left: -148.132 ± 0.038 $\chi^2/\text{NDF}: 277939.8/33$

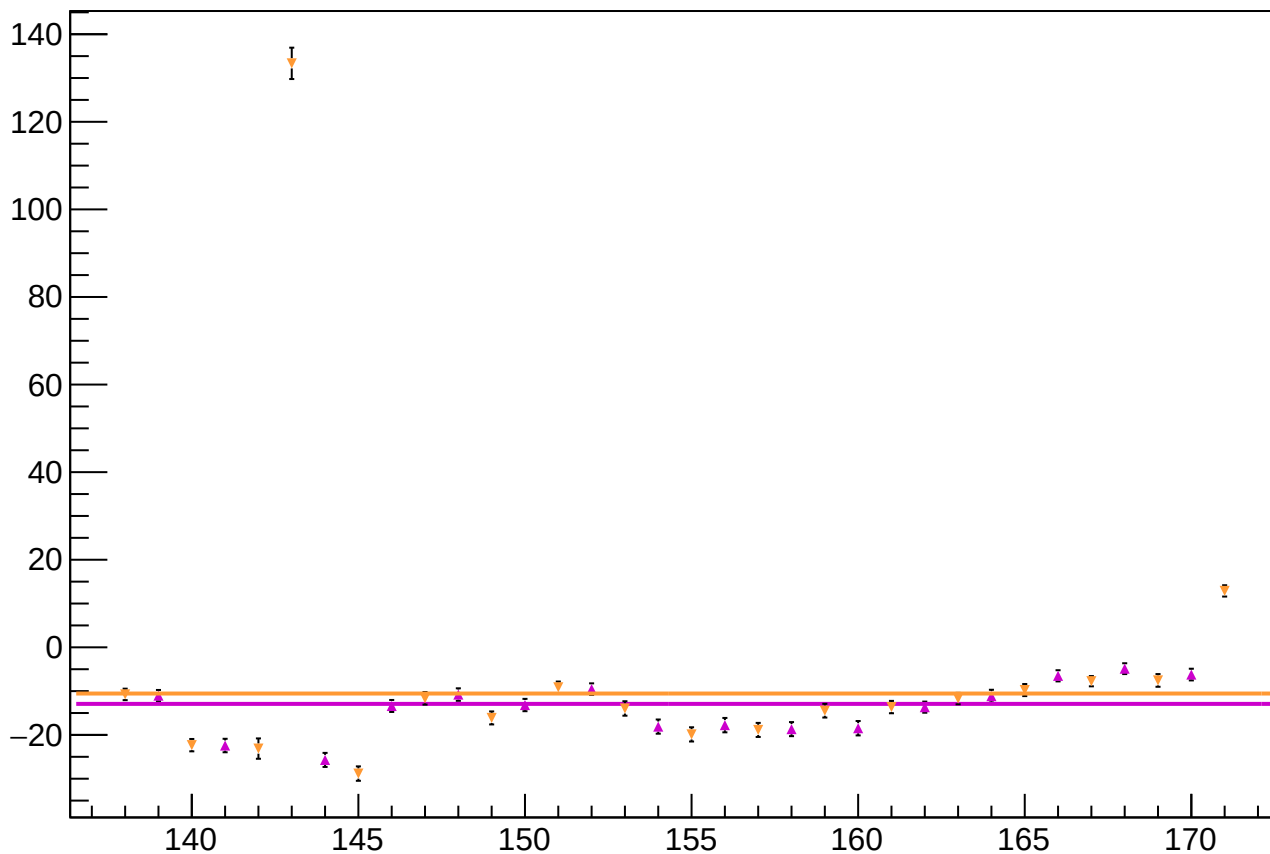
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.690 ± 0.043 $\chi^2/\text{NDF}: 1080003.5/32$

Out: -121.926 ± 0.040 $\chi^2/\text{NDF}: 1208341.8/35$

All: -124.668 ± 0.029 $\chi^2/\text{NDF}: 2297983.2/68$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.551+/-0.350 χ^2/NDF :2268.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.915+/-0.355 χ^2/NDF :250.3/15

Left: -11.715+/-0.249 χ^2/NDF : 2540.8/33

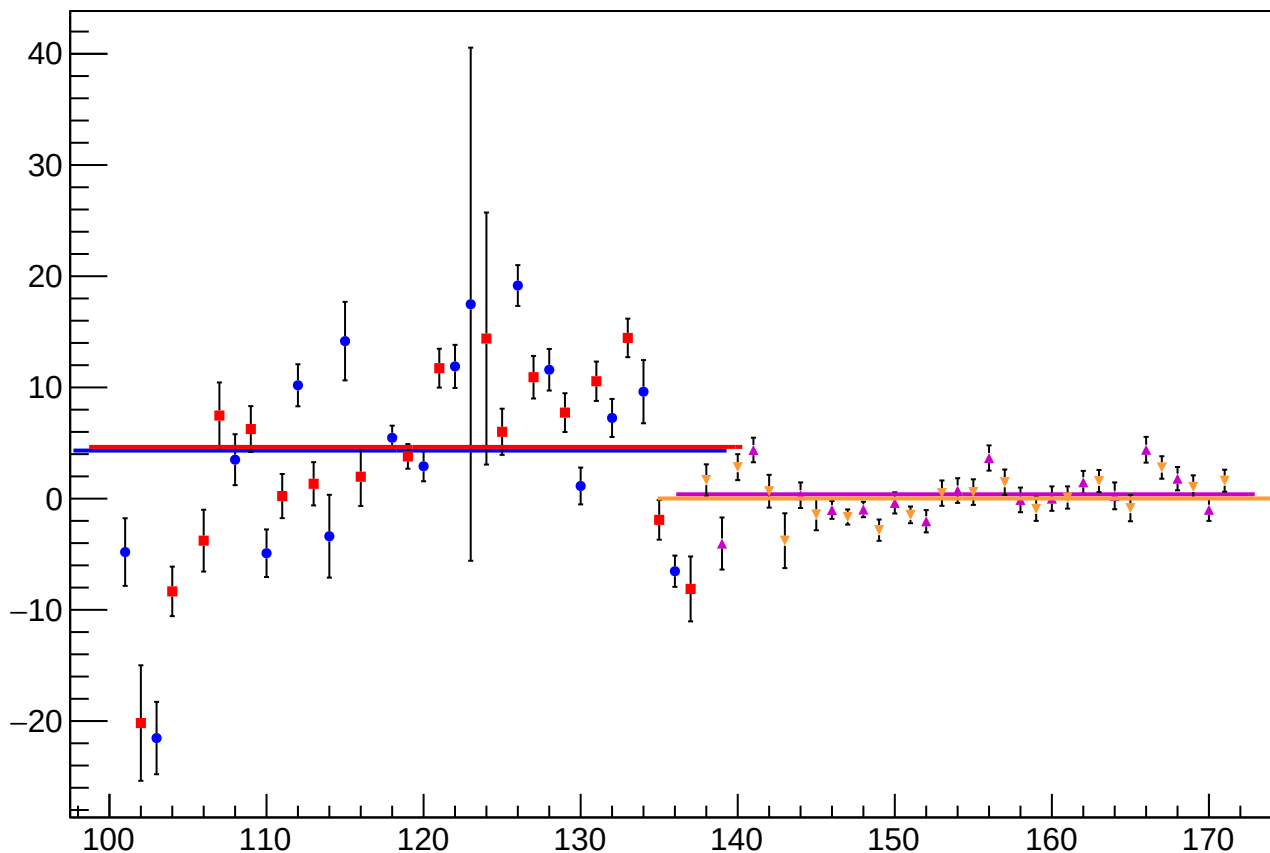
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.915+/-0.355 χ^2/NDF :250.3/15

Out: -10.551+/-0.350 χ^2/NDF :2268.0/17

All: -11.715+/-0.249 χ^2/NDF : 2540.8/33

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: 0.016 ± 0.249 $\chi^2/\text{NDF}: 46.5/17$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.390 ± 0.258 $\chi^2/\text{NDF}: 55.5/15$

Left: 0.196 ± 0.179 $\chi^2/\text{NDF}: 103.2/33$

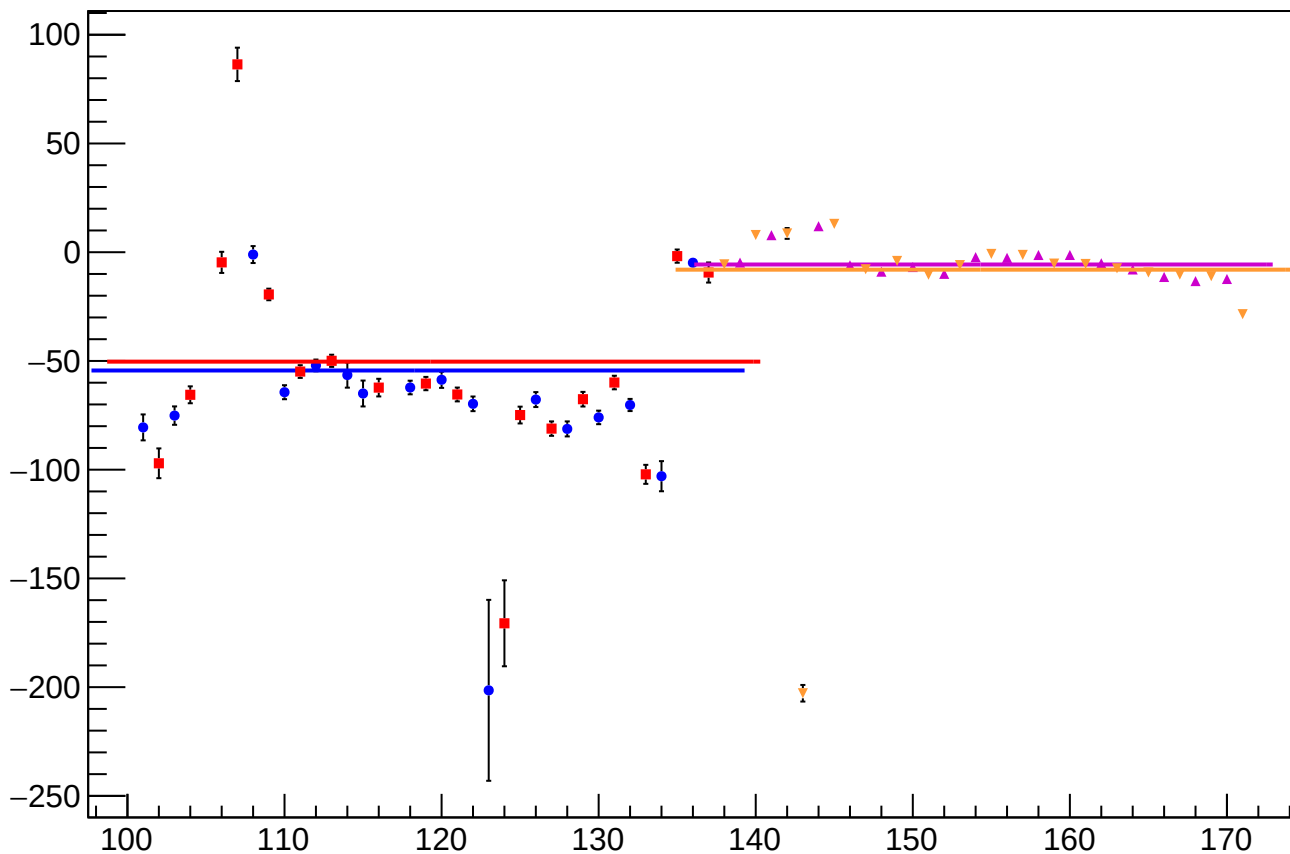
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.315 ± 0.226 $\chi^2/\text{NDF}: 390.4/32$

Out: 1.017 ± 0.220 $\chi^2/\text{NDF}: 306.0/35$

All: 1.162 ± 0.158 $\chi^2/\text{NDF}: 697.4/68$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -8.028 ± 0.344 $\chi^2/\text{NDF}: 3233.4/17$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -5.648 ± 0.348 $\chi^2/\text{NDF}: 301.8/15$

Left: -6.852 ± 0.244 $\chi^2/\text{NDF}: 3558.9/33$

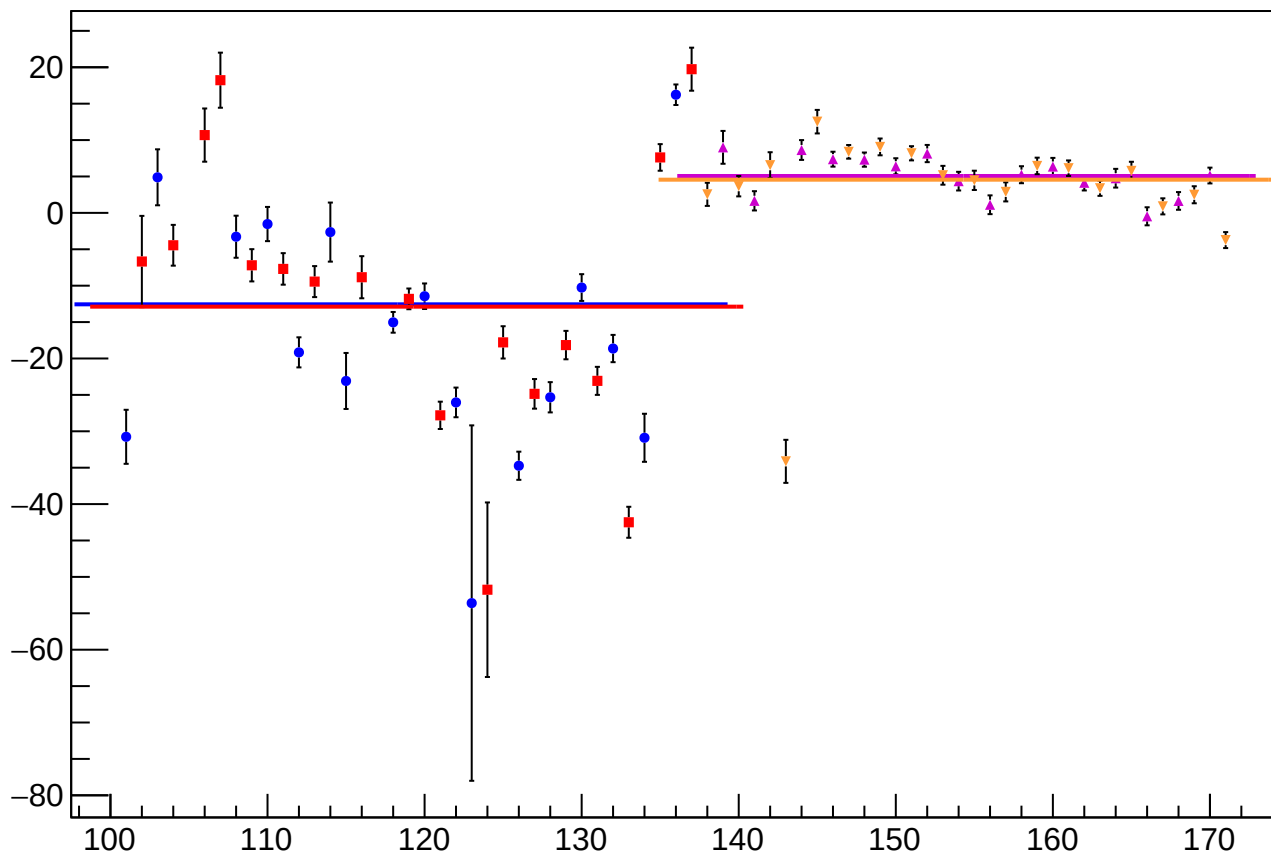
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -12.437 ± 0.323 $\chi^2/\text{NDF}: 4051.6/32$

Out: -13.873 ± 0.319 $\chi^2/\text{NDF}: 6644.6/35$

All: -13.163 ± 0.227 $\chi^2/\text{NDF}: 10706.3/68$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 4.559 ± 0.289 χ^2/NDF : 324.8/17

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.066 ± 0.299 χ^2/NDF : 74.8/15

Left: 4.803 ± 0.208 χ^2/NDF : 401.1/33

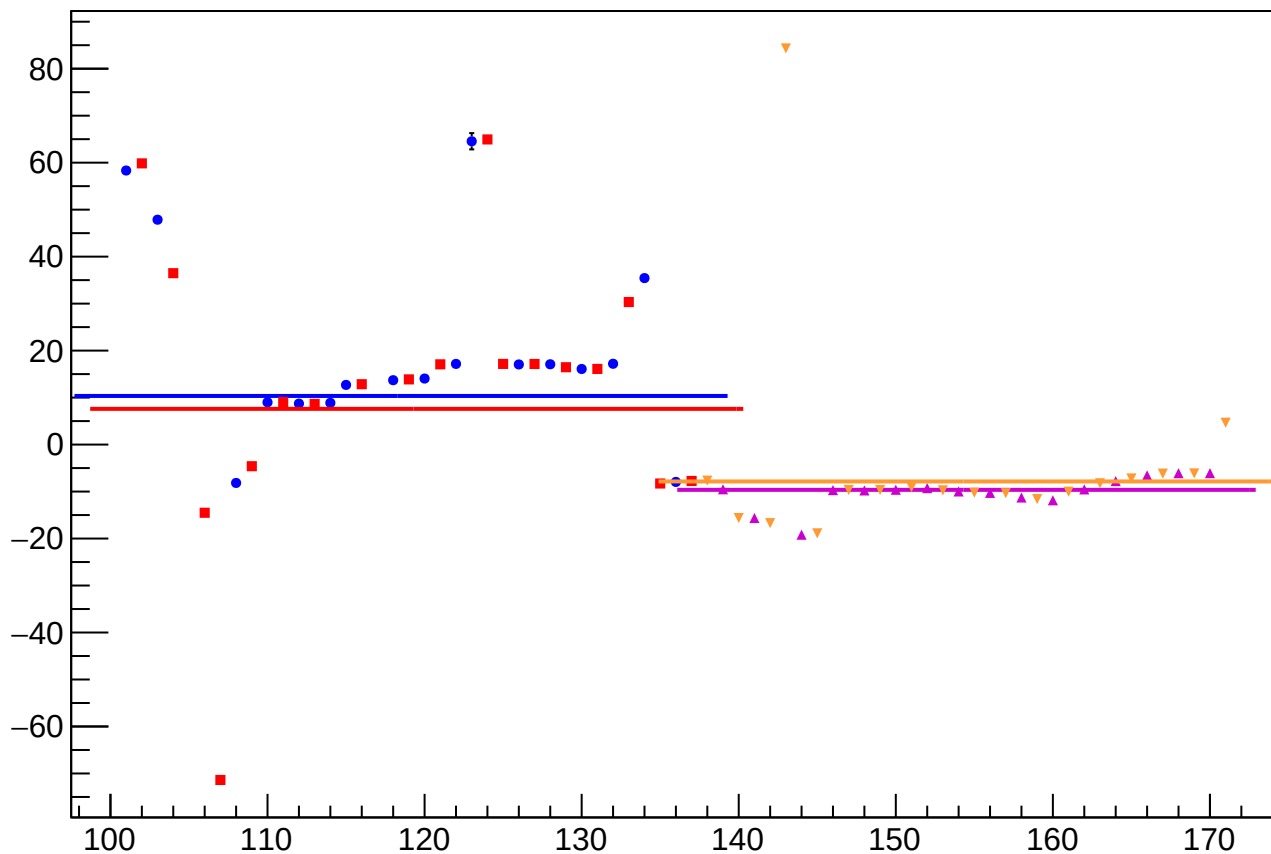
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.823 ± 0.261 χ^2/NDF : 1689.6/32

Out: 0.663 ± 0.254 χ^2/NDF : 1866.7/35

All: 0.741 ± 0.182 χ^2/NDF : 3556.5/68

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 ± 0.031 $\chi^2/\text{NDF}: 380878.9/16$

Left Out: -7.848 ± 0.013 $\chi^2/\text{NDF}: 500221.7/17$

Right Out: 7.602 ± 0.031 $\chi^2/\text{NDF}: 538460.3/17$

Left In: -9.637 ± 0.014 $\chi^2/\text{NDF}: 41981.9/15$

Left: -8.726 ± 0.010 $\chi^2/\text{NDF}: 551018.2/33$

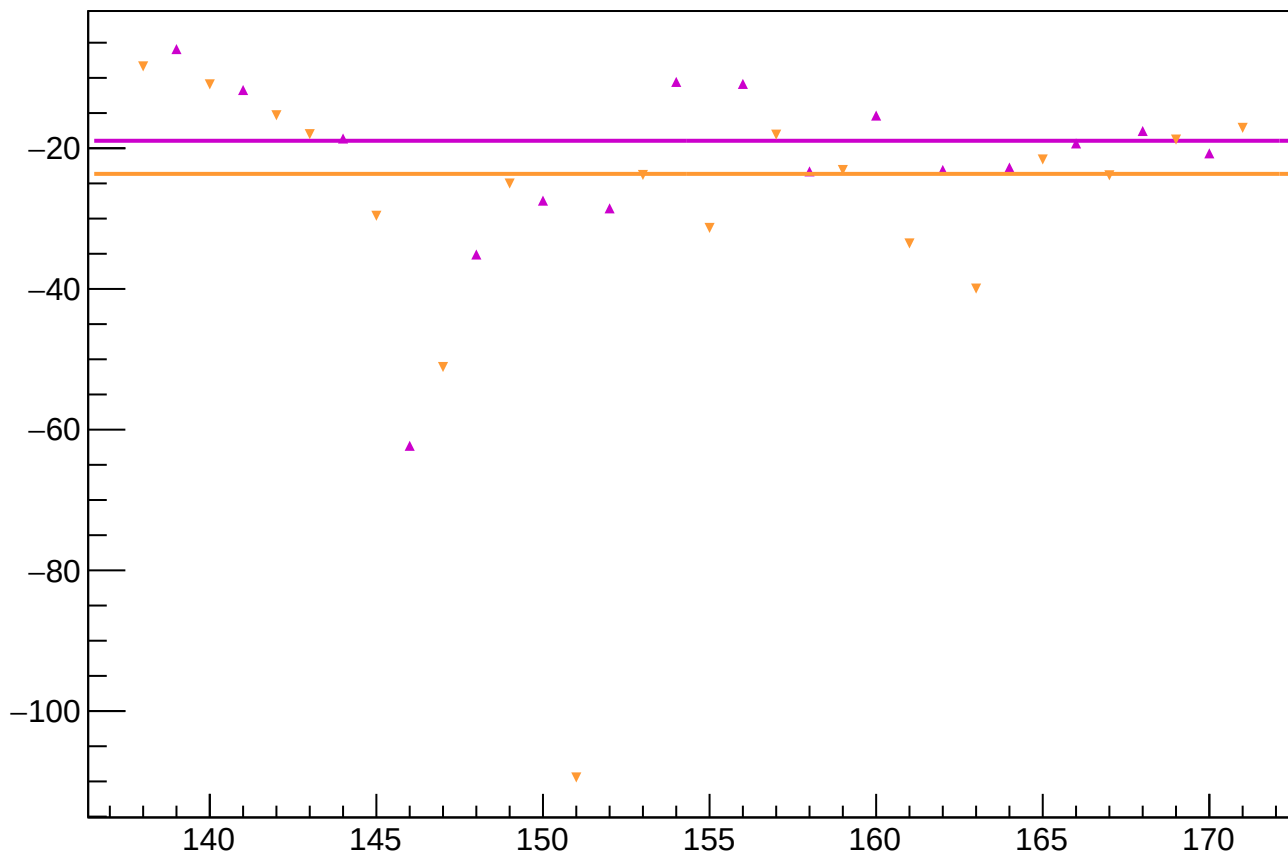
Right: 9.008 ± 0.022 $\chi^2/\text{NDF}: 923283.8/34$

In: -6.338 ± 0.012 $\chi^2/\text{NDF}: 779535.5/32$

Out: -5.468 ± 0.012 $\chi^2/\text{NDF}: 1244885.6/35$

All: -5.898 ± 0.009 $\chi^2/\text{NDF}: 2026900.9/68$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -23.645 $\pm$ 0.056 χ^2 /NDF:59157.7/17

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -18.939 $\pm$ 0.050 χ^2 /NDF:38014.4/15

Left: -21.066 $\pm$ 0.037 χ^2 /NDF: 101110.1/33

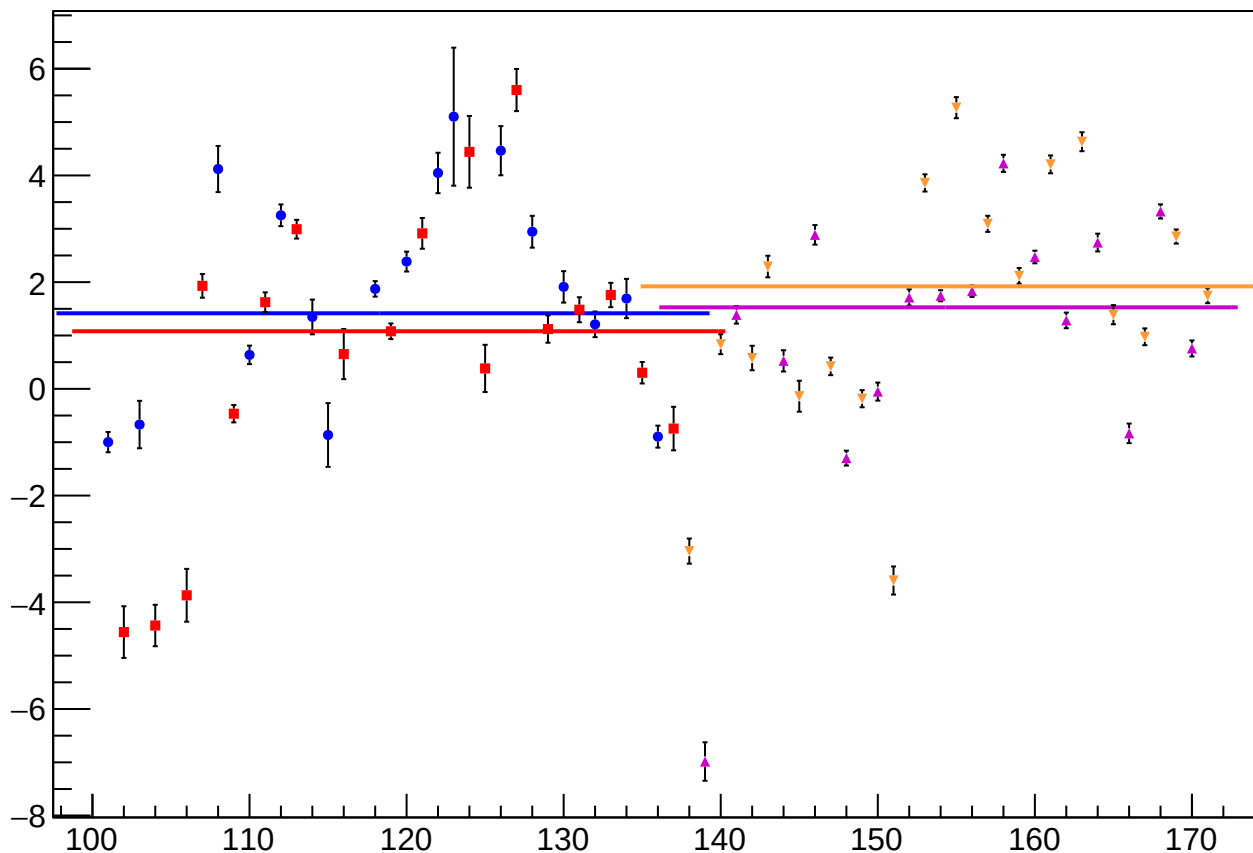
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -18.939 $\pm$ 0.050 χ^2 /NDF:38014.4/15

Out: -23.645 $\pm$ 0.056 χ^2 /NDF:59157.7/17

All: -21.066 $\pm$ 0.037 χ^2 /NDF: 101110.1/33

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.921 ± 0.041 χ^2/NDF : 2268.8/17

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.528 ± 0.037 χ^2/NDF : 1924.5/15

Left: 1.704 ± 0.027 χ^2/NDF : 4243.9/33

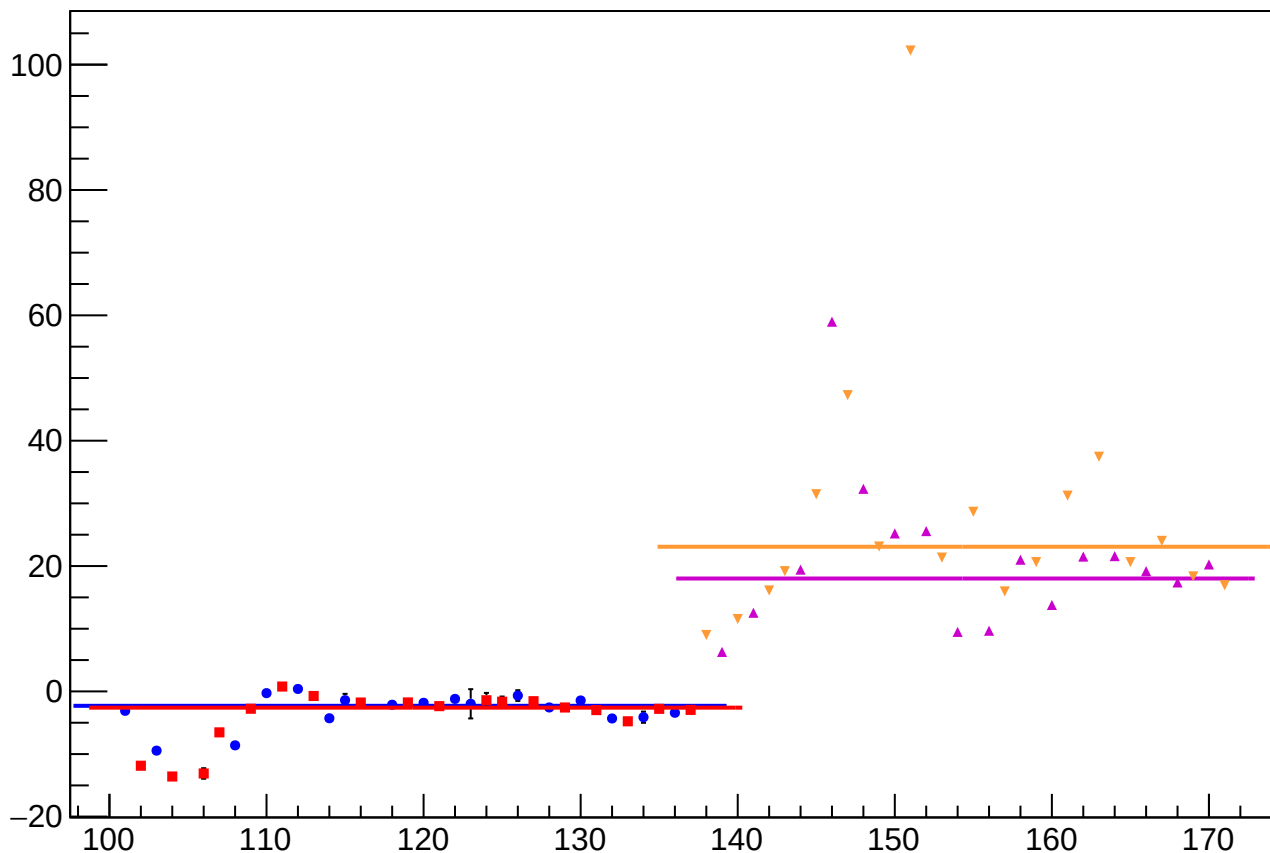
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.498 ± 0.032 χ^2/NDF : 2558.1/32

Out: 1.641 ± 0.034 χ^2/NDF : 3324.5/35

All: 1.565 ± 0.023 χ^2/NDF : 5892.3/68

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 23.079 ± 0.055 χ^2/NDF : 52960.0/17

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 18.012 ± 0.049 χ^2/NDF : 35895.2/15

Left: 20.262 ± 0.037 χ^2/NDF : 93612.4/33

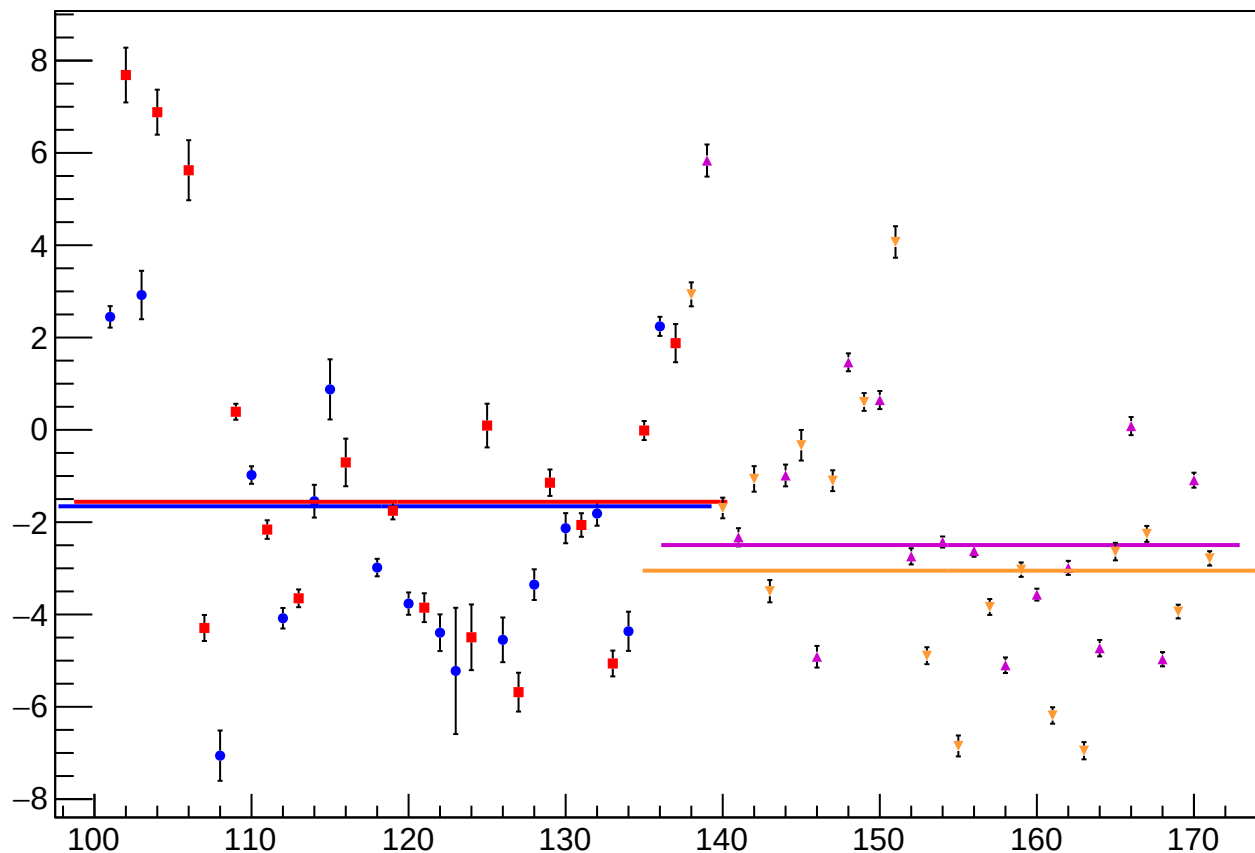
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.695 ± 0.045 χ^2/NDF : 64432.8/32

Out: 17.086 ± 0.048 χ^2/NDF : 105120.1/35

All: 15.809 ± 0.033 χ^2/NDF : 170880.6/68

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -3.051 ± 0.047 χ^2/NDF : 2770.7/17

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.496 ± 0.042 χ^2/NDF : 2379.7/15

Left: -2.745 ± 0.031 χ^2/NDF : 5228.7/33

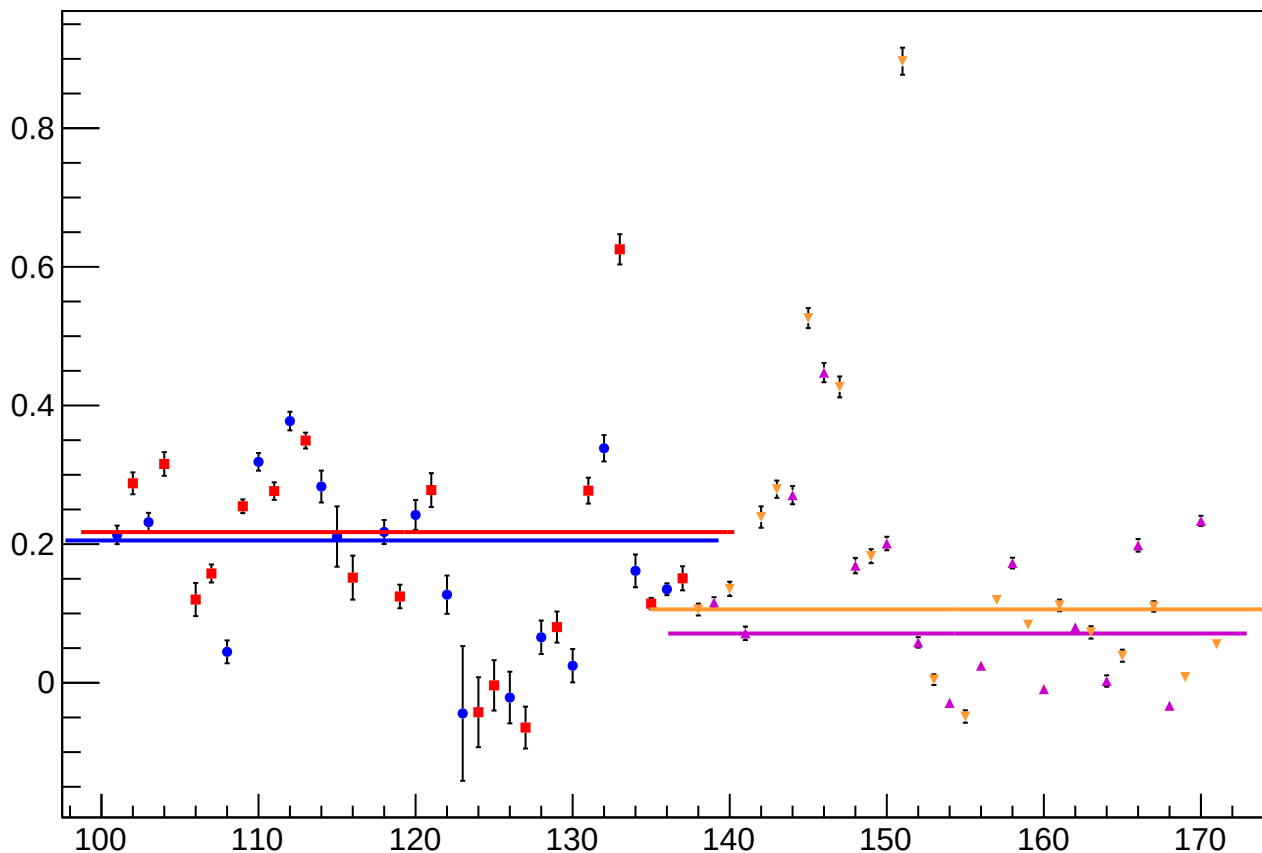
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.276 ± 0.036 χ^2/NDF : 3755.6/32

Out: -2.552 ± 0.038 χ^2/NDF : 4598.8/35

All: -2.407 ± 0.026 χ^2/NDF : 8382.1/68

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16

Left Out: 0.106 $\pm$ 0.002 χ^2/NDF : 4099.3/17

Right Out: 0.217 $\pm$ 0.004 χ^2/NDF : 1019.4/17

Left In: 0.071 $\pm$ 0.002 χ^2/NDF : 3185.6/15

Left: 0.086 $\pm$ 0.001 χ^2/NDF : 7442.8/33

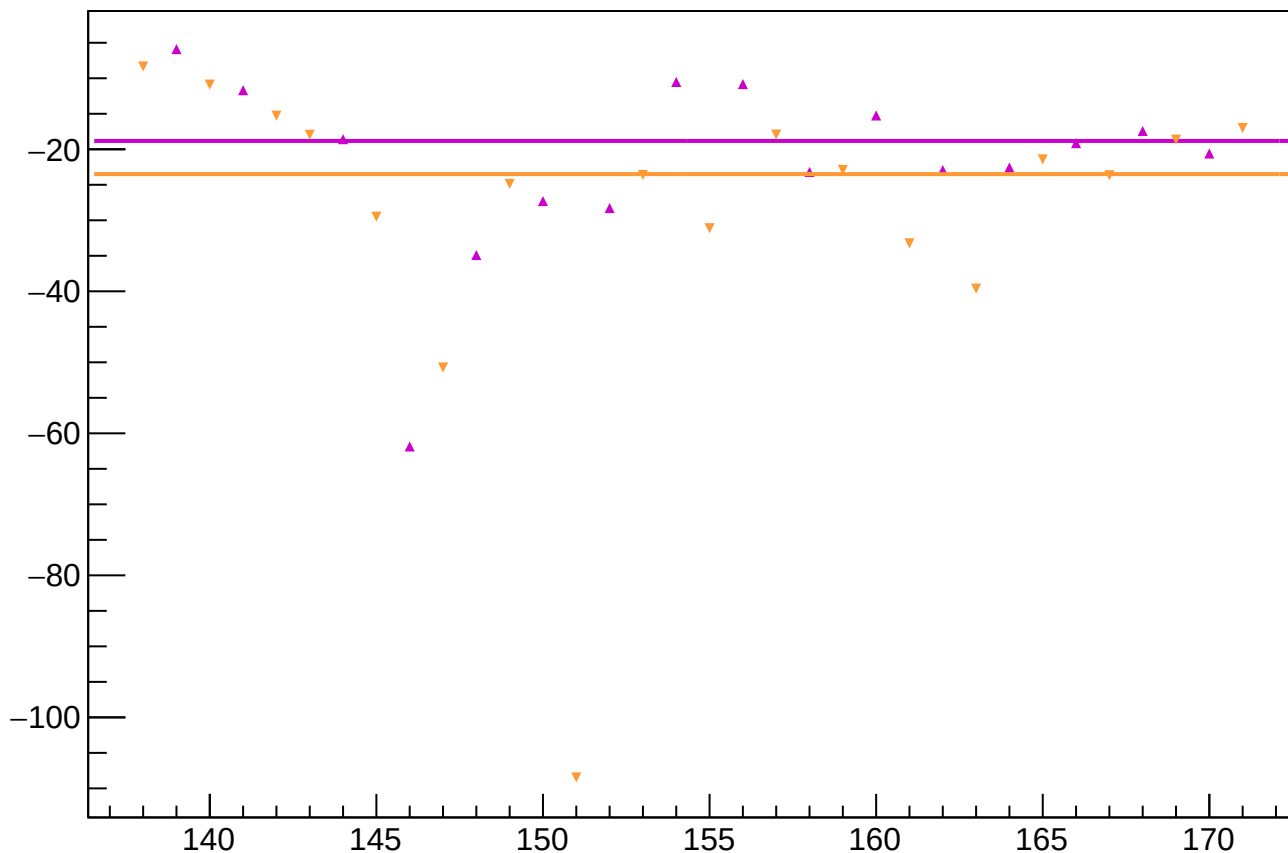
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1644.6/34

In: 0.093 $\pm$ 0.002 χ^2/NDF : 4685.8/32

Out: 0.133 $\pm$ 0.002 χ^2/NDF : 5804.4/35

All: 0.111 $\pm$ 0.001 χ^2/NDF : 10747.4/68

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.496+/-0.055 χ^2/NDF :58976.5/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Left: -20.938+/-0.037 χ^2/NDF : 100829.0/33

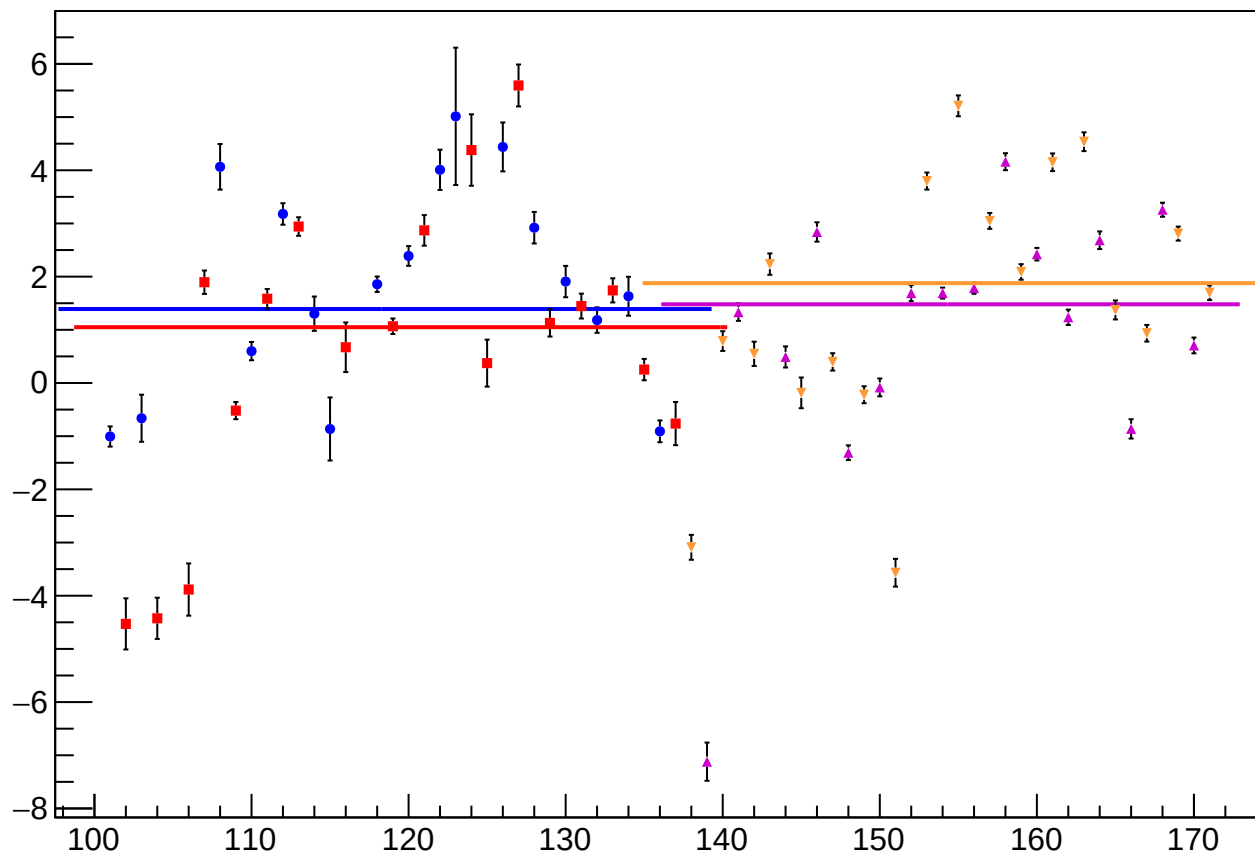
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.828+/-0.050 χ^2/NDF :37927.2/15

Out: -23.496+/-0.055 χ^2/NDF :58976.5/17

All: -20.938+/-0.037 χ^2/NDF : 100829.0/33

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.878 ± 0.041 χ^2/NDF : 2268.4/17

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.480 ± 0.037 χ^2/NDF : 1935.6/15

Left: 1.658 ± 0.027 χ^2/NDF : 4256.3/33

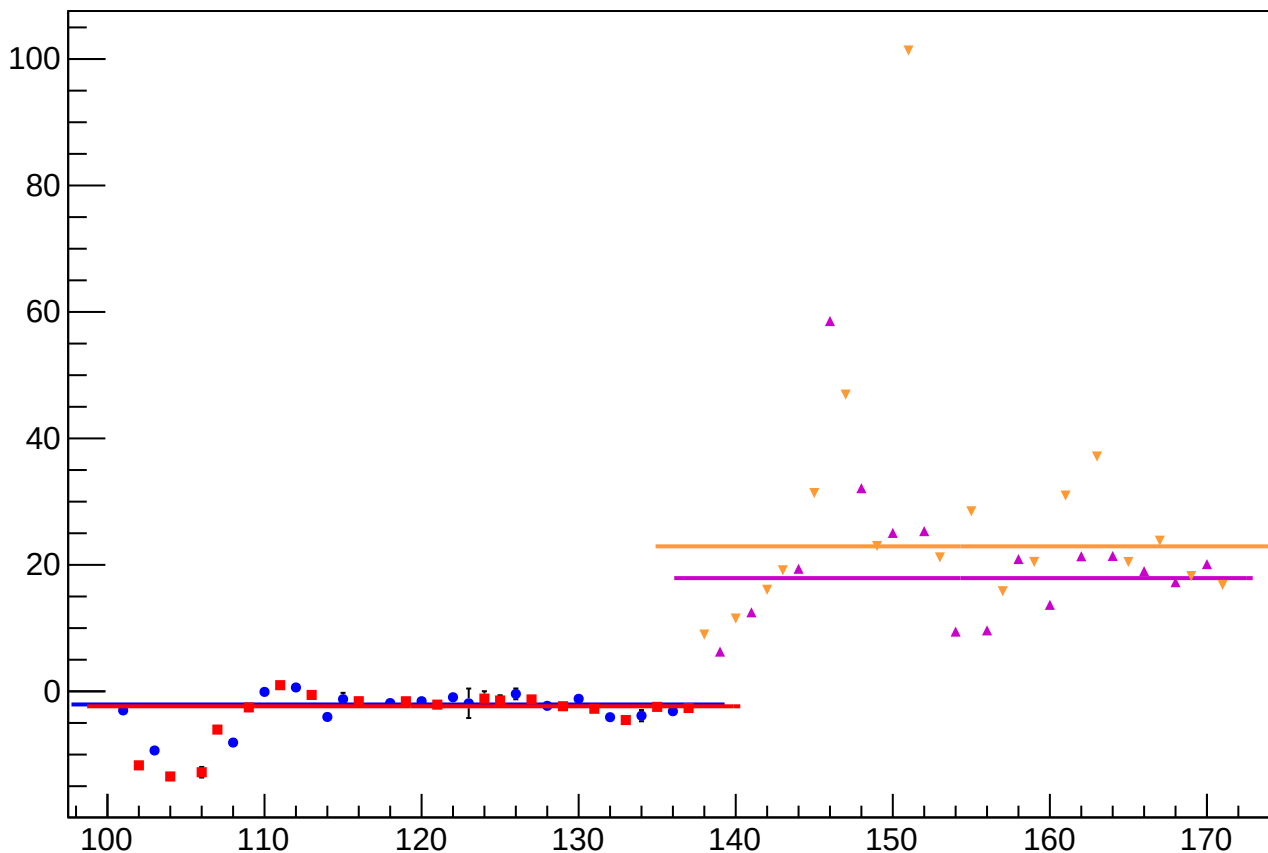
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.456 ± 0.031 χ^2/NDF : 2566.3/32

Out: 1.603 ± 0.033 χ^2/NDF : 3324.9/35

All: 1.525 ± 0.023 χ^2/NDF : 5901.5/68

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.931 ± 0.054 χ^2/NDF : 52820.6/17

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.906 ± 0.049 χ^2/NDF : 35819.6/15

Left: 20.138 ± 0.036 χ^2/NDF : 93378.6/33

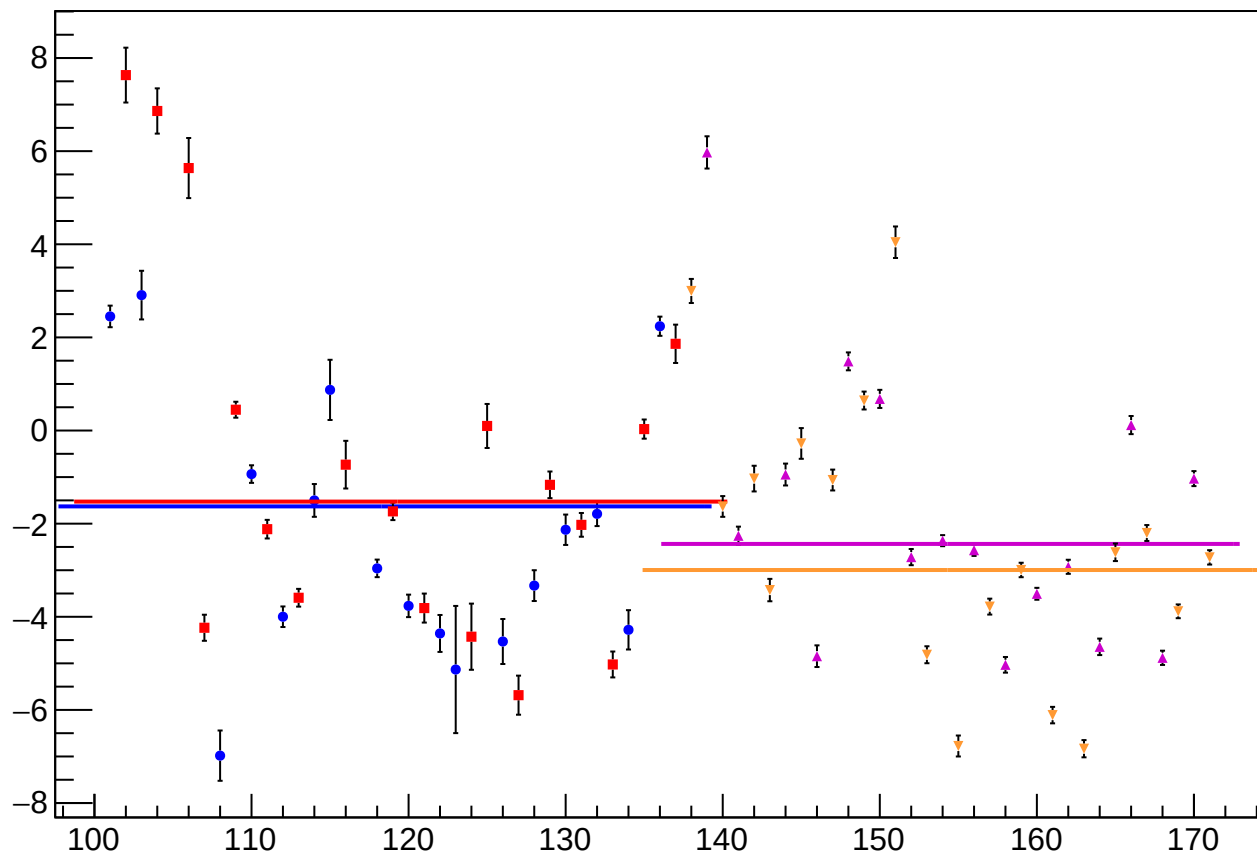
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.651 ± 0.045 χ^2/NDF : 63739.6/32

Out: 17.037 ± 0.048 χ^2/NDF : 104056.2/35

All: 15.763 ± 0.033 χ^2/NDF : 169134.9/68

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.996 ± 0.046 χ^2/NDF : 2769.1/17

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.435 ± 0.042 χ^2/NDF : 2391.6/15

Left: -2.687 ± 0.031 χ^2/NDF : 5241.5/33

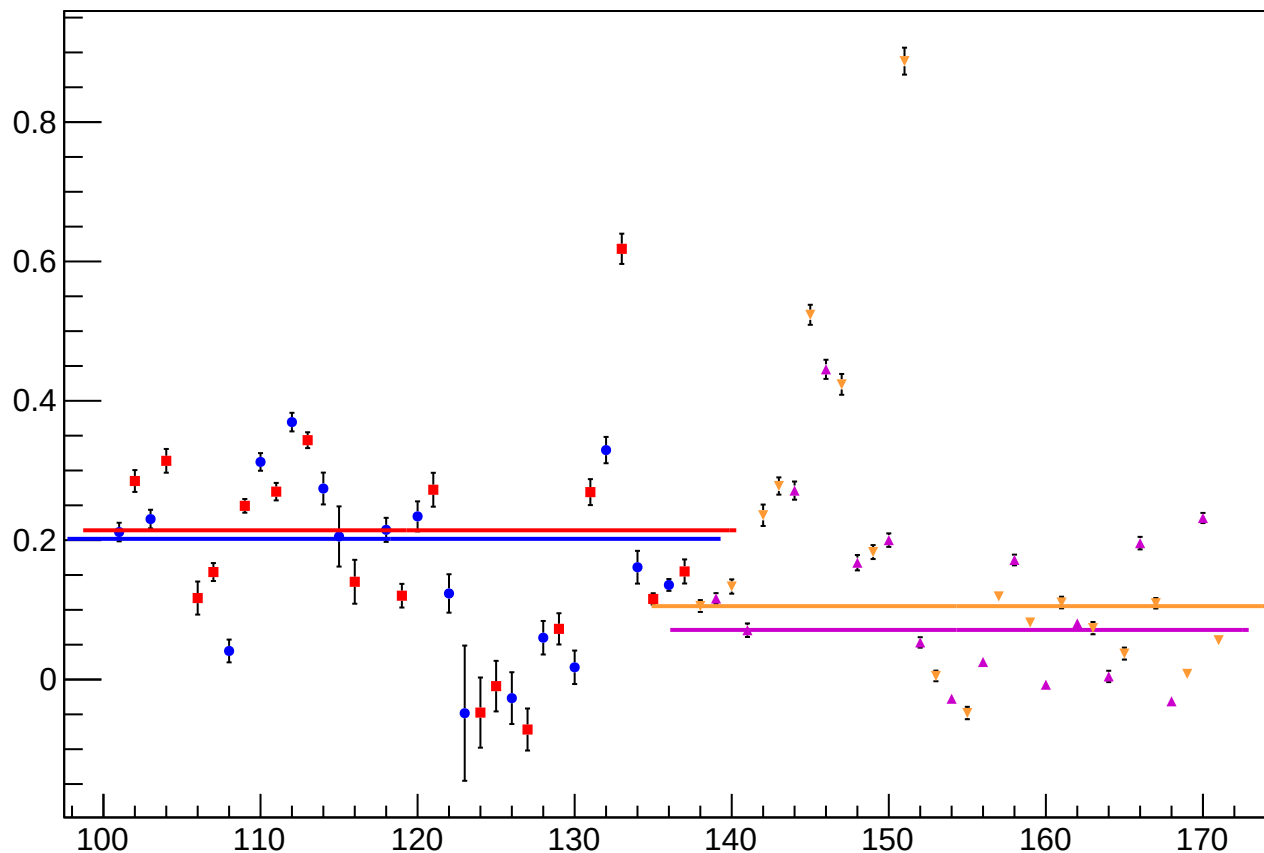
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.224 ± 0.036 χ^2/NDF : 3755.5/32

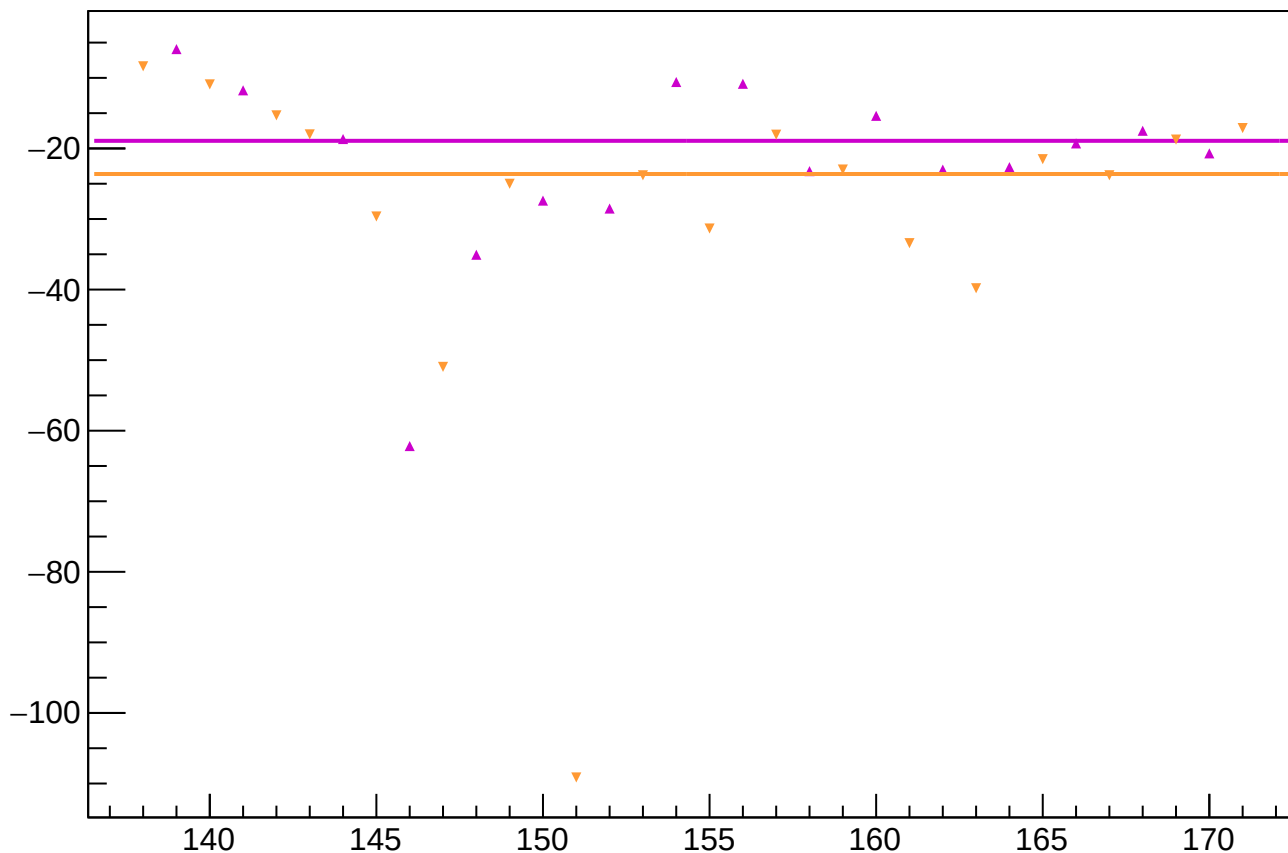
Out: -2.506 ± 0.038 χ^2/NDF : 4593.6/35

All: -2.358 ± 0.026 χ^2/NDF : 8378.2/68

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.622+/-0.055 χ^2/NDF :59100.0/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Left: -21.045+/-0.037 χ^2/NDF : 101039.2/33

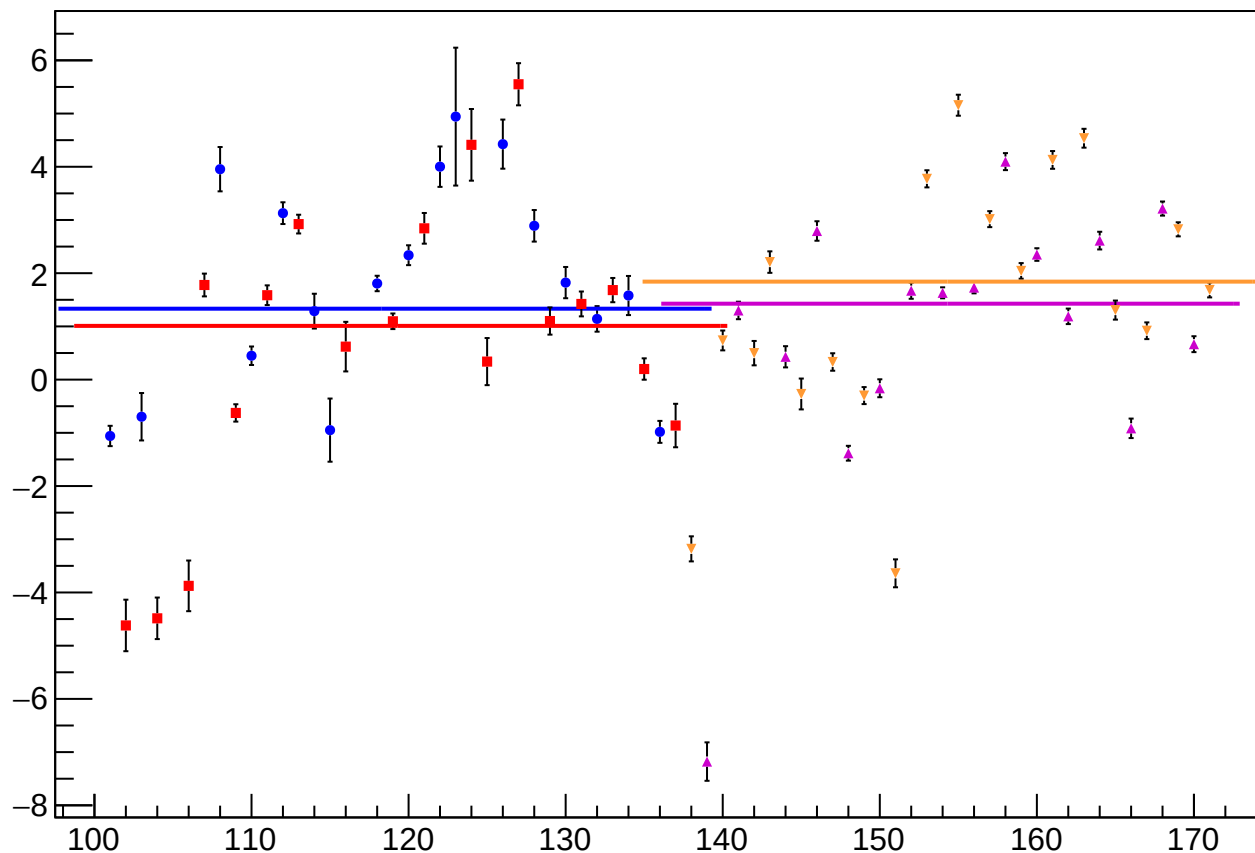
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.920+/-0.050 χ^2/NDF :37988.1/15

Out: -23.622+/-0.055 χ^2/NDF :59100.0/17

All: -21.045+/-0.037 χ^2/NDF : 101039.2/33

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.842 ± 0.041 χ^2/NDF : 2290.5/17

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.427 ± 0.037 χ^2/NDF : 1924.9/15

Left: 1.613 ± 0.027 χ^2/NDF : 4272.0/33

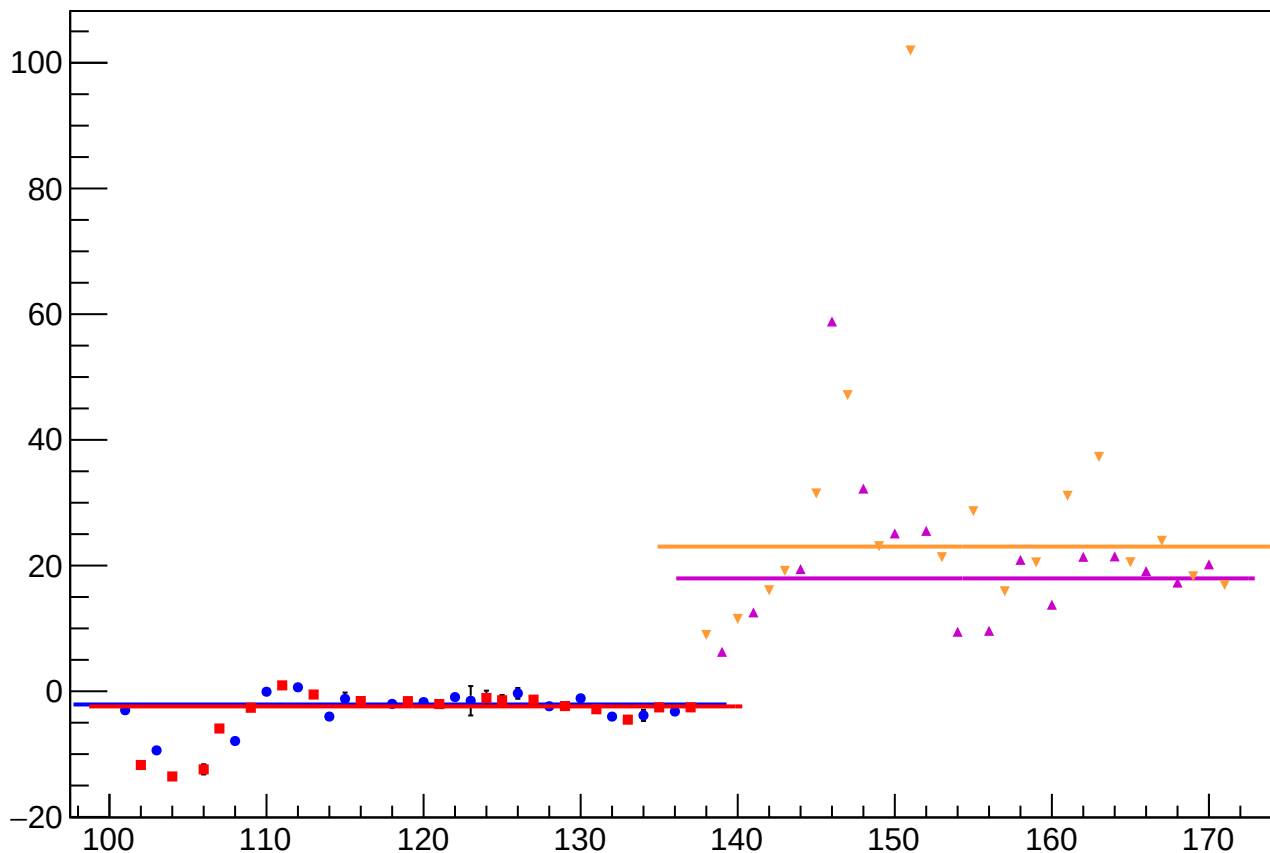
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.402 ± 0.032 χ^2/NDF : 2561.2/32

Out: 1.565 ± 0.033 χ^2/NDF : 3357.8/35

All: 1.479 ± 0.023 χ^2/NDF : 5931.6/68

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.022 ± 0.055 χ^2/NDF : 52928.5/17

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.958 ± 0.049 χ^2/NDF : 35891.6/15

Left: 20.206 ± 0.036 χ^2/NDF : 93593.4/33

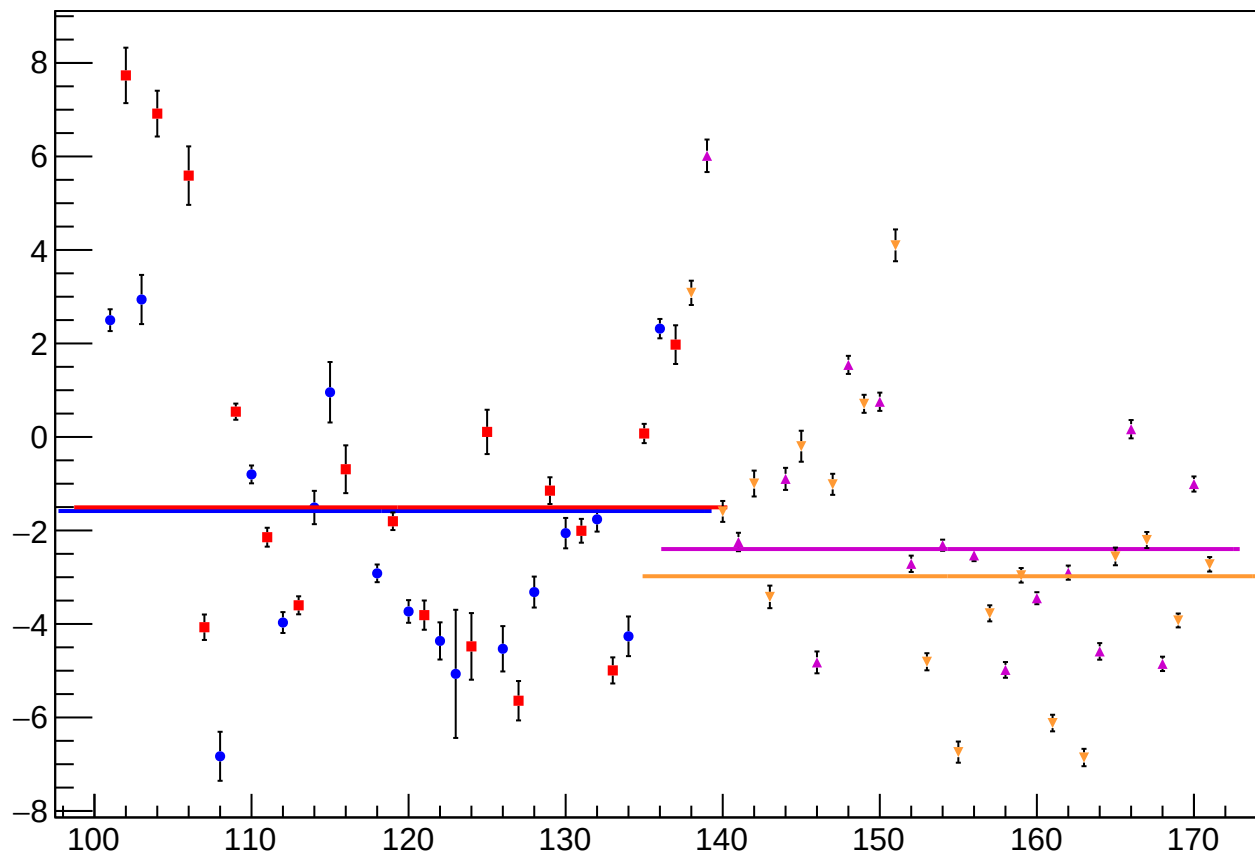
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.699 ± 0.045 χ^2/NDF : 63752.5/32

Out: 17.103 ± 0.048 χ^2/NDF : 104211.8/35

All: 15.818 ± 0.033 χ^2/NDF : 169312.2/68

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584+/-0.070 χ^2 /NDF: 1272.1/16

Left Out: -2.979+/-0.046 χ^2 /NDF:2797.4/17

Right Out: -1.506+/-0.066 χ^2 /NDF: 1499.8/17

Left In: -2.398+/-0.042 χ^2 /NDF:2380.9/15

Left: -2.658+/-0.031 χ^2 /NDF: 5264.6/33

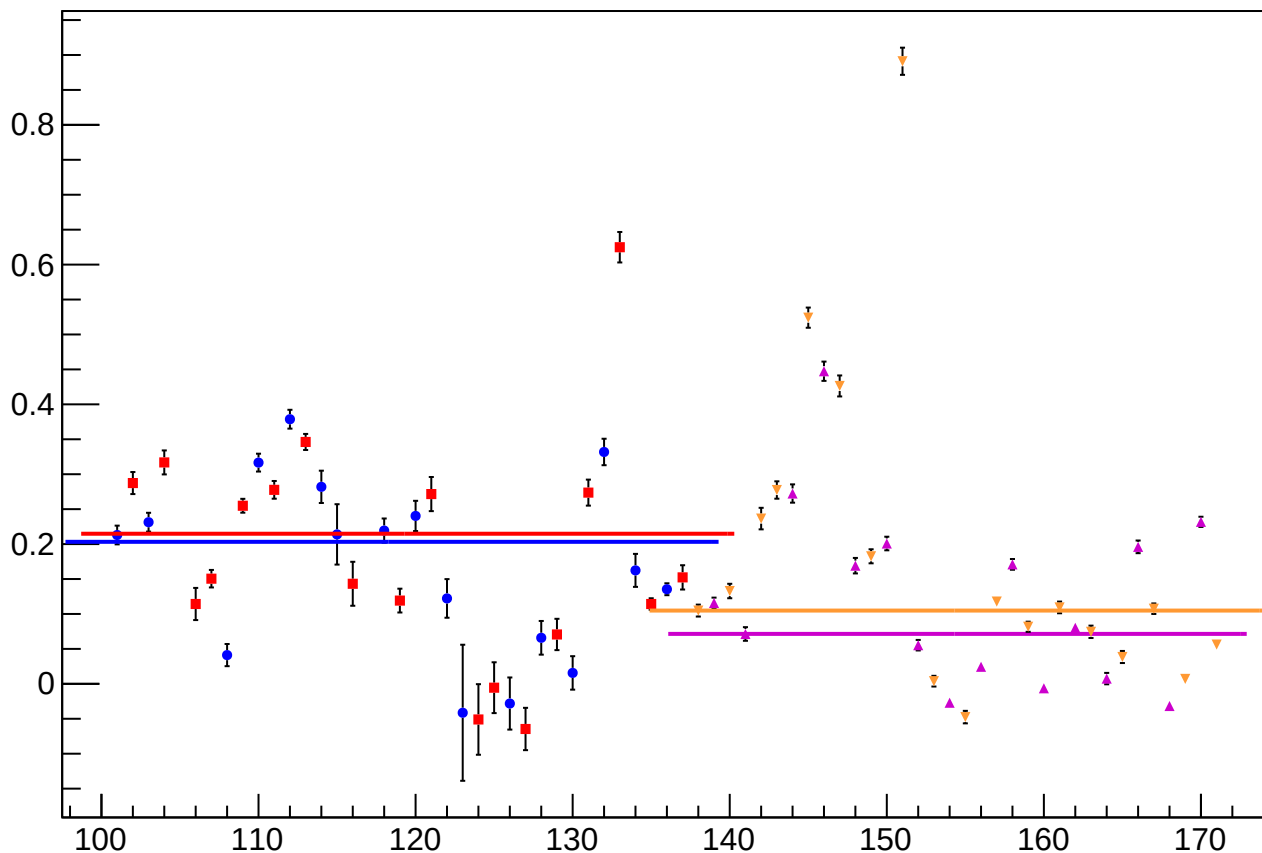
Right: -1.542+/-0.048 χ^2 /NDF: 2772.7/34

In: -2.185+/-0.036 χ^2 /NDF:3751.5/32

Out: -2.487+/-0.038 χ^2 /NDF:4633.1/35

All: -2.328+/-0.026 χ^2 /NDF: 8417.9/68

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2/NDF : 632.8/16

Left Out: 0.105 $\pm$ 0.002 χ^2/NDF : 4079.8/17

Right Out: 0.215 $\pm$ 0.004 χ^2/NDF : 1033.0/17

Left In: 0.071 $\pm$ 0.002 χ^2/NDF : 3140.6/15

Left: 0.086 $\pm$ 0.001 χ^2/NDF : 7366.0/33

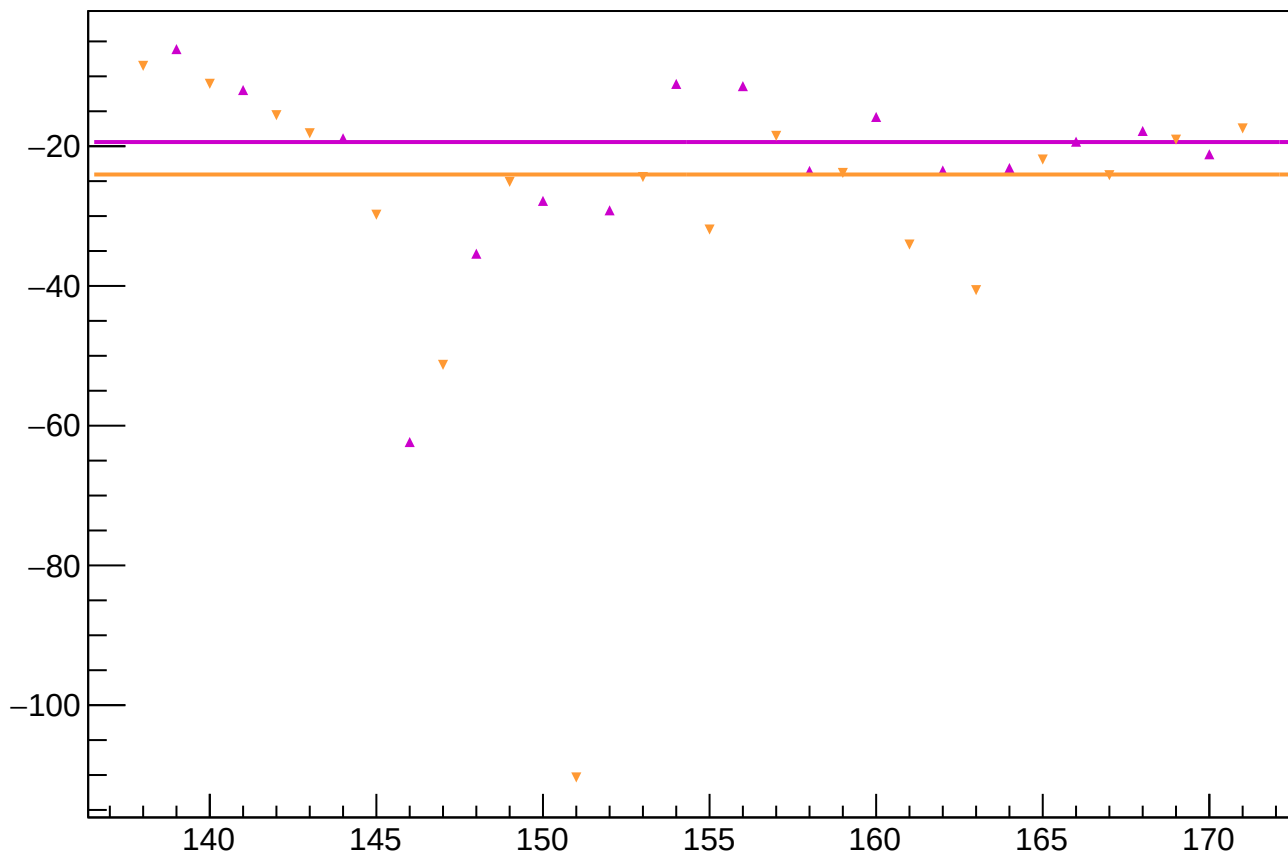
Right: 0.210 $\pm$ 0.003 χ^2/NDF : 1670.1/34

In: 0.093 $\pm$ 0.002 χ^2/NDF : 4623.9/32

Out: 0.131 $\pm$ 0.002 χ^2/NDF : 5784.5/35

All: 0.111 $\pm$ 0.001 χ^2/NDF : 10649.7/68

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.405+/-0.051 χ^2/NDF : 36876.5/15

Left: -21.513+/-0.038 χ^2/NDF : 99533.2/33

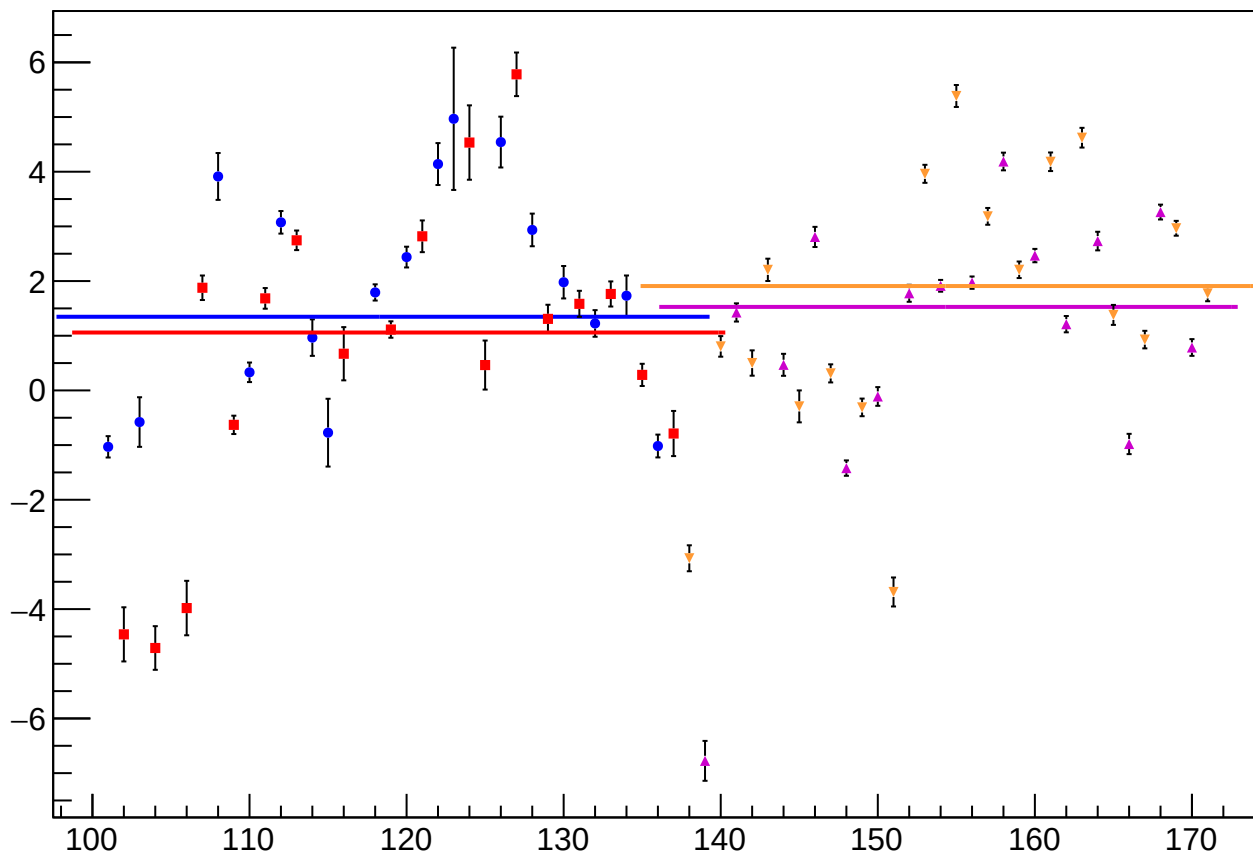
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.051 χ^2/NDF : 36876.5/15

Out: -24.049+/-0.056 χ^2/NDF : 58963.4/17

All: -21.513+/-0.038 χ^2/NDF : 99533.2/33

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.909 $\pm$ 0.042 χ^2 /NDF:2336.4/17

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.527 $\pm$ 0.038 χ^2 /NDF:1908.4/15

Left: 1.699 $\pm$ 0.028 χ^2 /NDF: 4290.7/33

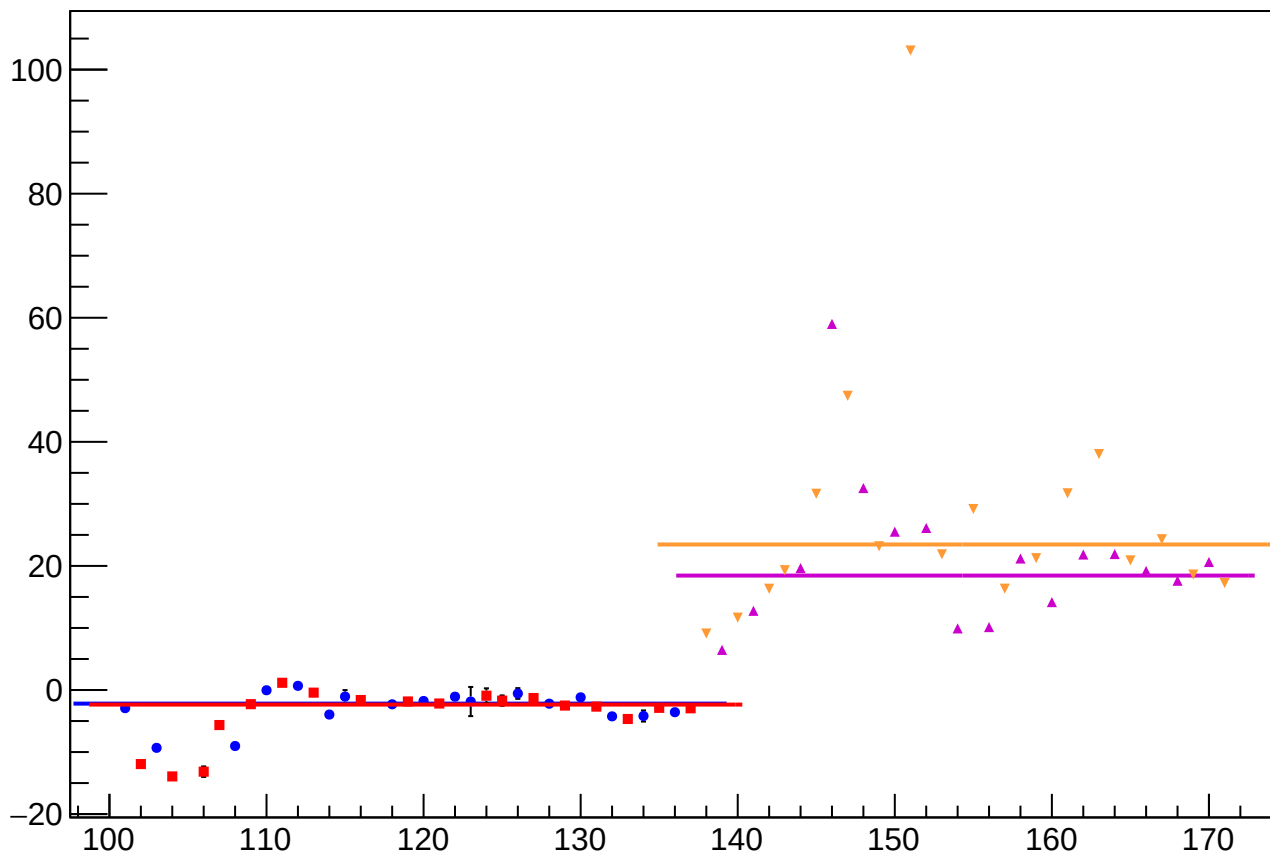
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.479 $\pm$ 0.032 χ^2 /NDF:2544.6/32

Out: 1.627 $\pm$ 0.034 χ^2 /NDF:3379.1/35

All: 1.549 $\pm$ 0.023 χ^2 /NDF: 5933.7/68

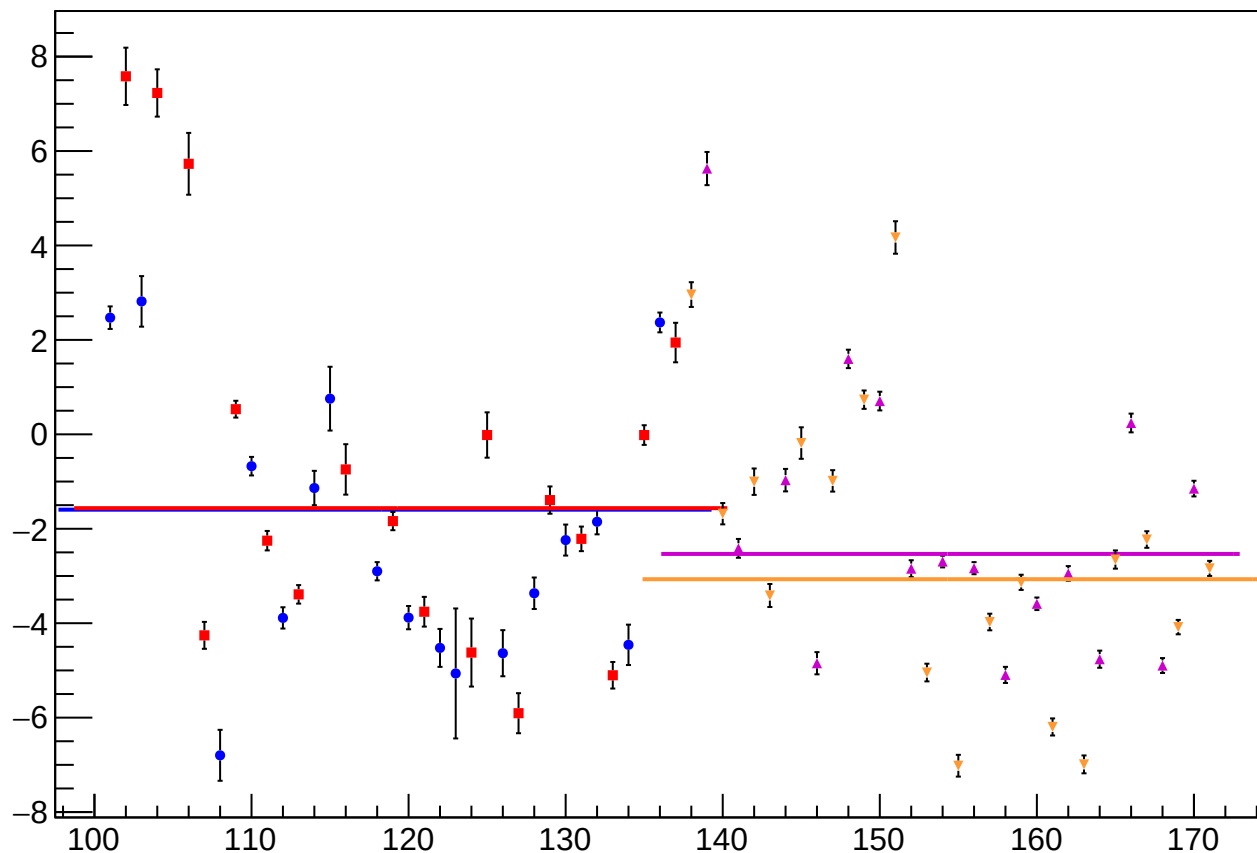
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 23.456 ± 0.056 $\chi^2/\text{NDF}: 52663.9/17$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.444 ± 0.050 $\chi^2/\text{NDF}: 34650.4/15$

Left: 20.681 ± 0.037 $\chi^2/\text{NDF}: 91792.0/33$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 15.054 ± 0.046 $\chi^2/\text{NDF}: 63064.6/32$
 Out: 17.463 ± 0.049 $\chi^2/\text{NDF}: 103359.2/35$
 All: 16.180 ± 0.033 $\chi^2/\text{NDF}: 167720.4/68$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -3.068 ± 0.047 χ^2/NDF : 2840.6/17

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.533 ± 0.043 χ^2/NDF : 2340.2/15

Left: -2.774 ± 0.032 χ^2/NDF : 5250.8/33

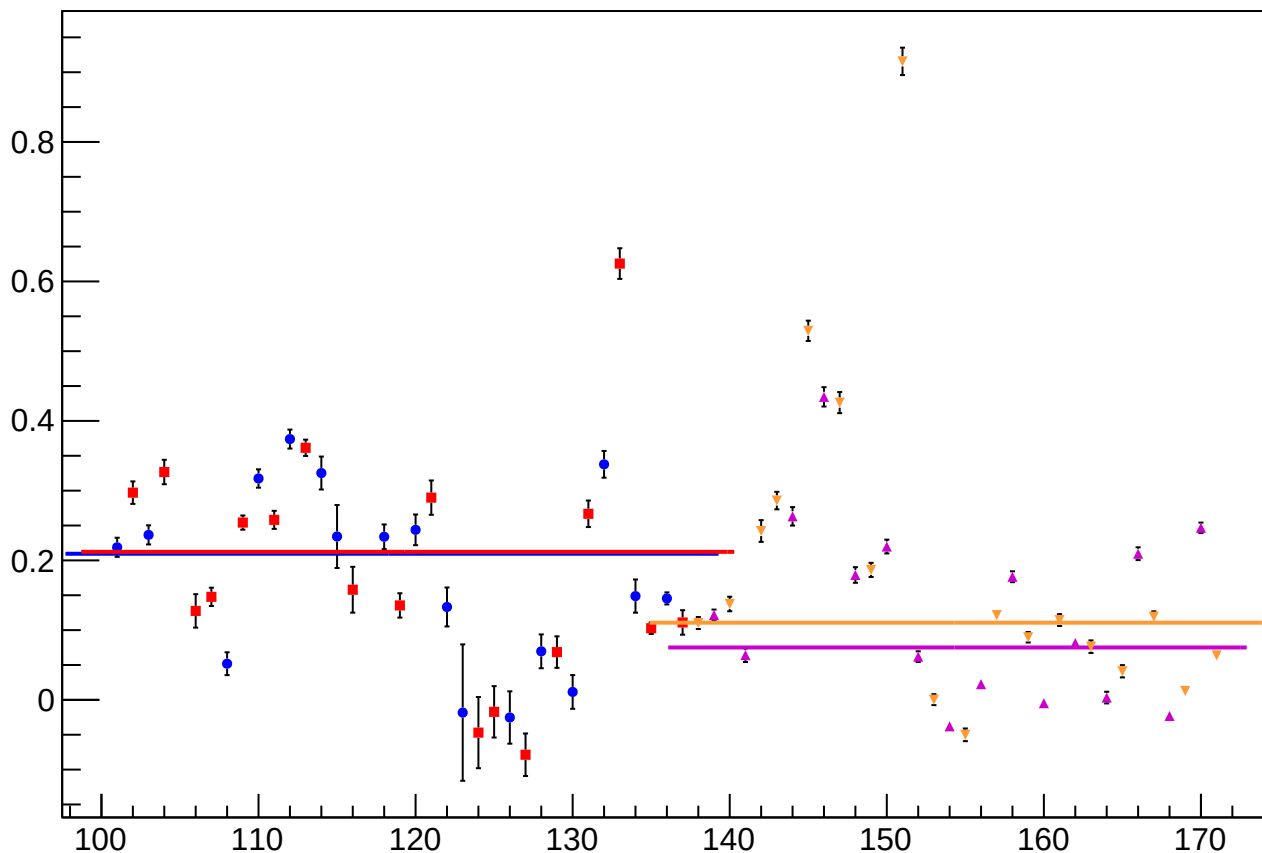
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.285 ± 0.037 χ^2/NDF : 3721.5/32

Out: -2.566 ± 0.039 χ^2/NDF : 4638.9/35

All: -2.419 ± 0.027 χ^2/NDF : 8387.9/68

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.111 ± 0.002 $\chi^2/\text{NDF}: 4108.4/17$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.075 ± 0.002 $\chi^2/\text{NDF}: 3221.8/15$

Left: 0.091 ± 0.001 $\chi^2/\text{NDF}: 7488.2/33$

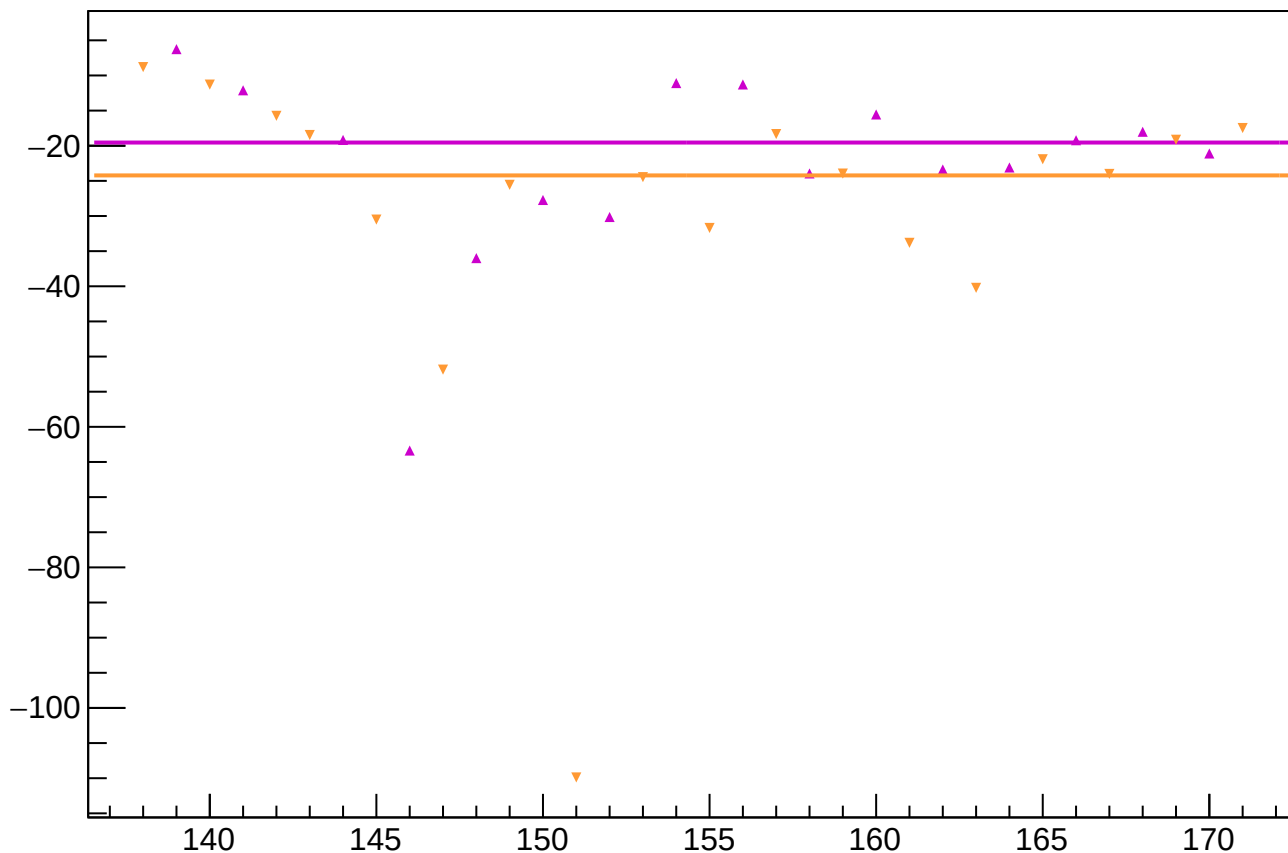
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.097 ± 0.002 $\chi^2/\text{NDF}: 4671.6/32$

Out: 0.135 ± 0.002 $\chi^2/\text{NDF}: 5755.3/35$

All: 0.115 ± 0.001 $\chi^2/\text{NDF}: 10651.2/68$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Left: -21.677+/-0.038 χ^2/NDF : 98552.5/33

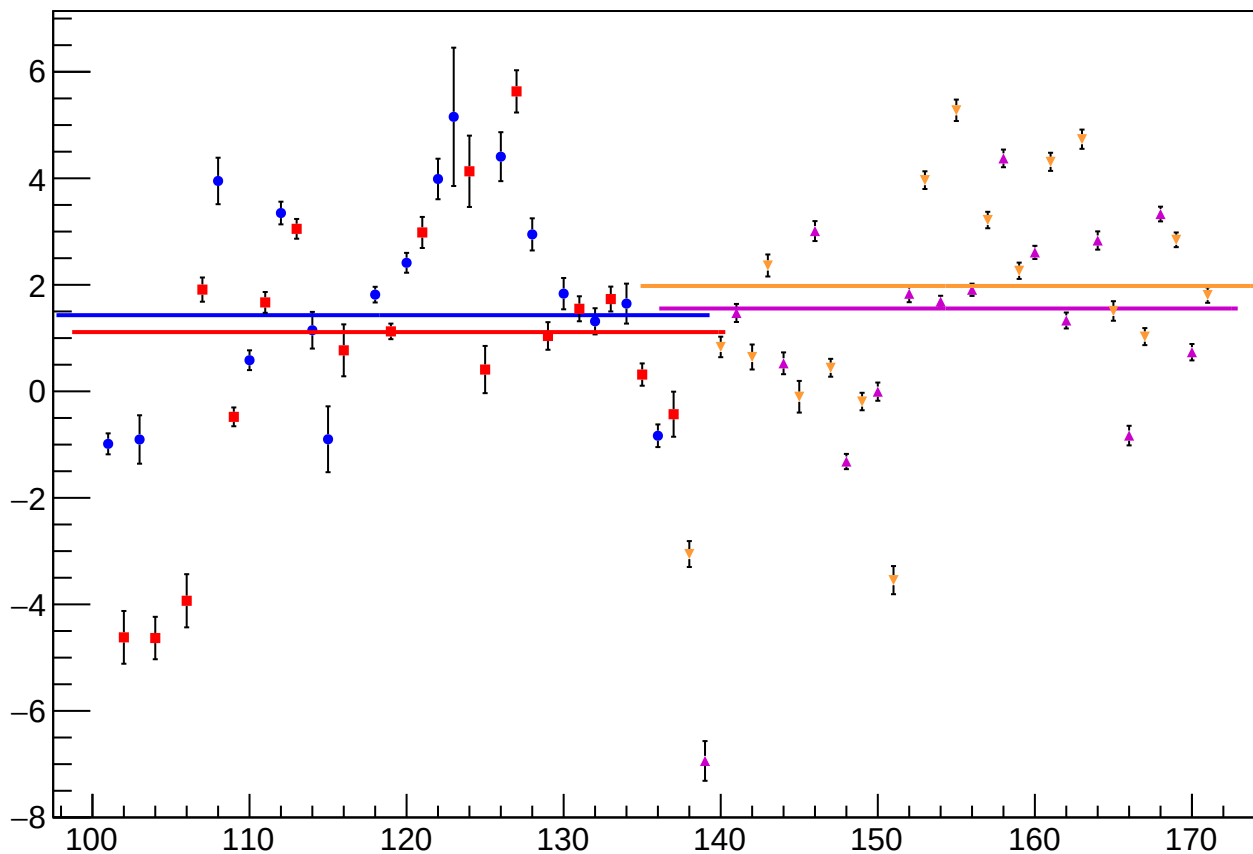
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.546+/-0.052 χ^2/NDF :37108.6/15

Out: -24.223+/-0.057 χ^2/NDF :57781.6/17

All: -21.677+/-0.038 χ^2/NDF : 98552.5/33

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.979 $\pm$ 0.042 χ^2 /NDF:2225.6/17

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.556 $\pm$ 0.038 χ^2 /NDF:1885.4/15

Left: 1.747 $\pm$ 0.028 χ^2 /NDF: 4166.1/33

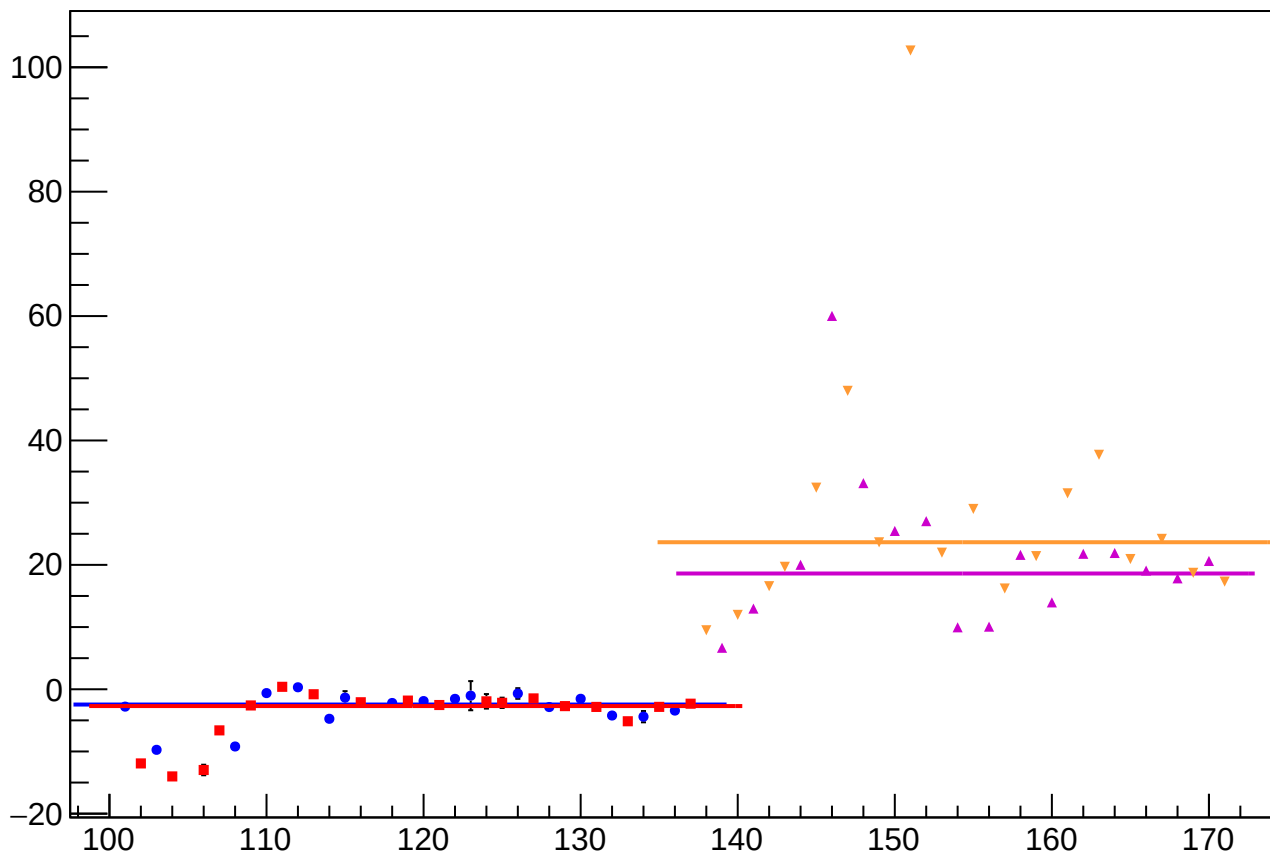
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.522 $\pm$ 0.033 χ^2 /NDF:2486.3/32

Out: 1.693 $\pm$ 0.034 χ^2 /NDF:3252.6/35

All: 1.603 $\pm$ 0.024 χ^2 /NDF: 5751.9/68

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 23.640 ± 0.056 χ^2/NDF : 51723.5/17

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.612 ± 0.051 χ^2/NDF : 34912.9/15

Left: 20.866 ± 0.038 χ^2/NDF : 91044.4/33

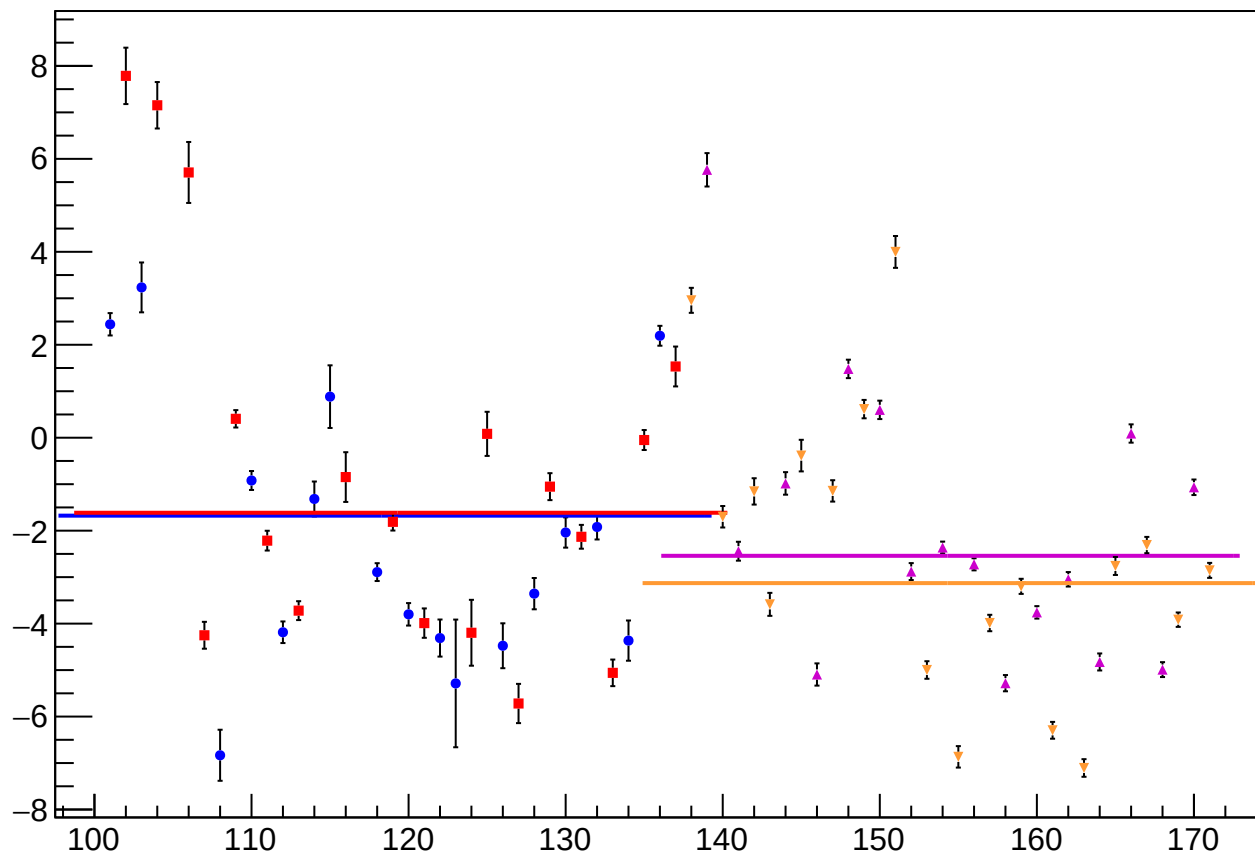
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.161 ± 0.046 χ^2/NDF : 63613.3/32

Out: 17.639 ± 0.049 χ^2/NDF : 102504.0/35

All: 16.321 ± 0.034 χ^2/NDF : 167454.5/68

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -3.128 ± 0.048 $\chi^2/\text{NDF}: 2715.7/17$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -2.541 ± 0.044 $\chi^2/\text{NDF}: 2342.6/15$

Left: -2.807 ± 0.032 $\chi^2/\text{NDF}: 5140.8/33$

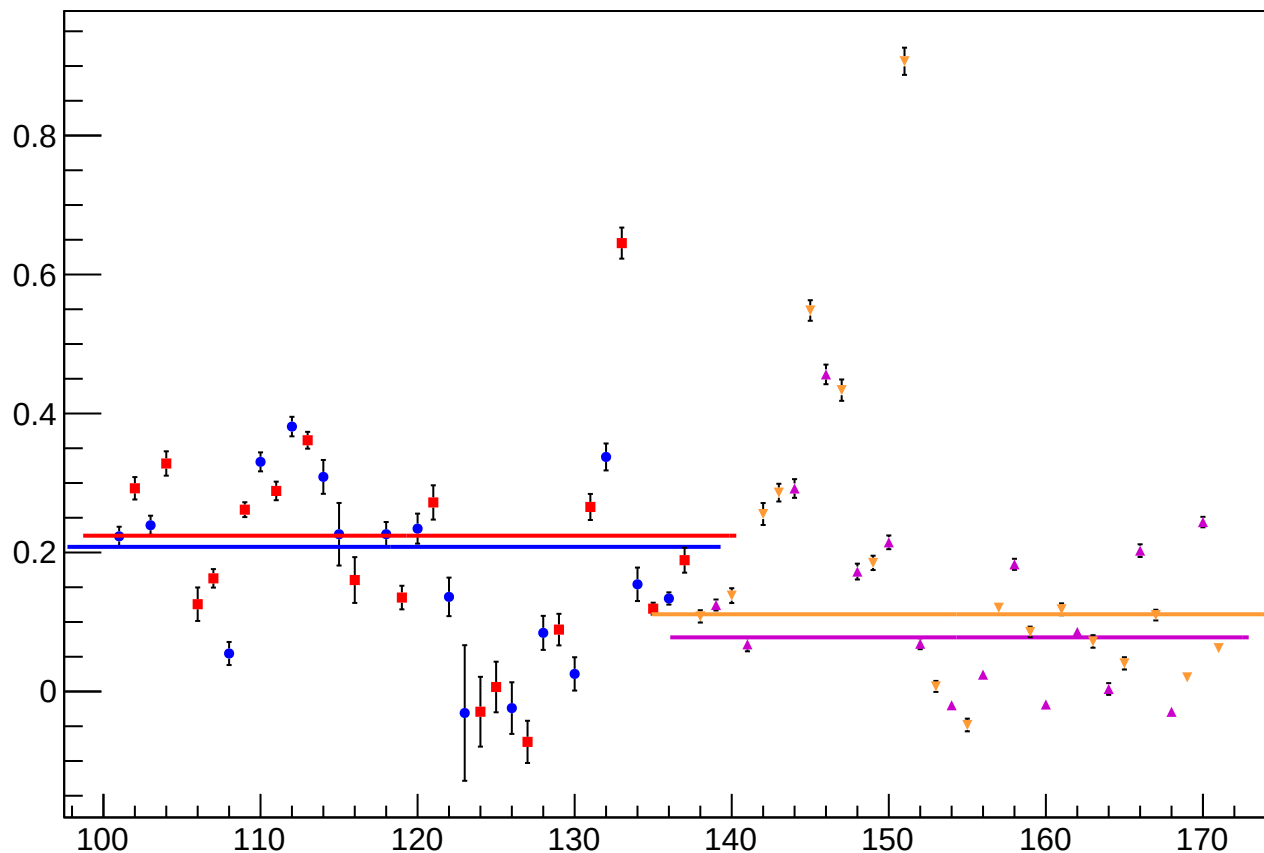
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -2.312 ± 0.037 $\chi^2/\text{NDF}: 3651.9/32$

Out: -2.627 ± 0.039 $\chi^2/\text{NDF}: 4474.7/35$

All: -2.462 ± 0.027 $\chi^2/\text{NDF}: 8160.7/68$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF:4085.8/17

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.078 $\pm$ 0.002 χ^2 /NDF:3191.4/15

Left: 0.093 $\pm$ 0.001 χ^2 /NDF: 7411.8/33

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.099 $\pm$ 0.002 χ^2 /NDF:4570.0/32

Out: 0.138 $\pm$ 0.002 χ^2 /NDF:5739.6/35

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 10535.1/68