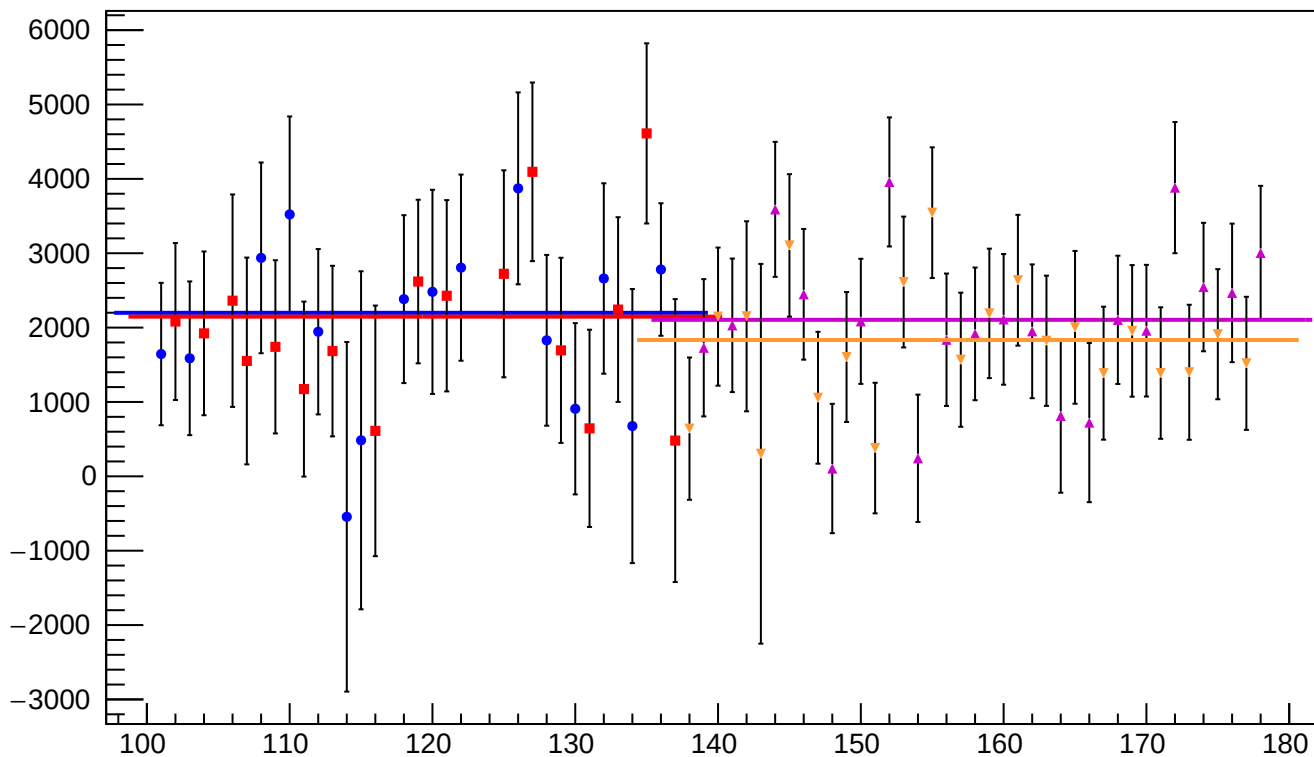


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1833.442+/-203.100

Right Out: 2147.149+/-304.804

Left In: 2104.498+/-200.634

χ^2/NDF : 8.6/15

χ^2/NDF : 14.0/20

χ^2/NDF : 11.4/16

χ^2/NDF : 26.5/19

Left: 1970.626+/-142.734

Right: 2172.848+/-216.219

In: 2132.775+/-167.911

Out: 1929.900+/-169.016

All: 2032.003+/-119.120

χ^2/NDF : 41.4/40

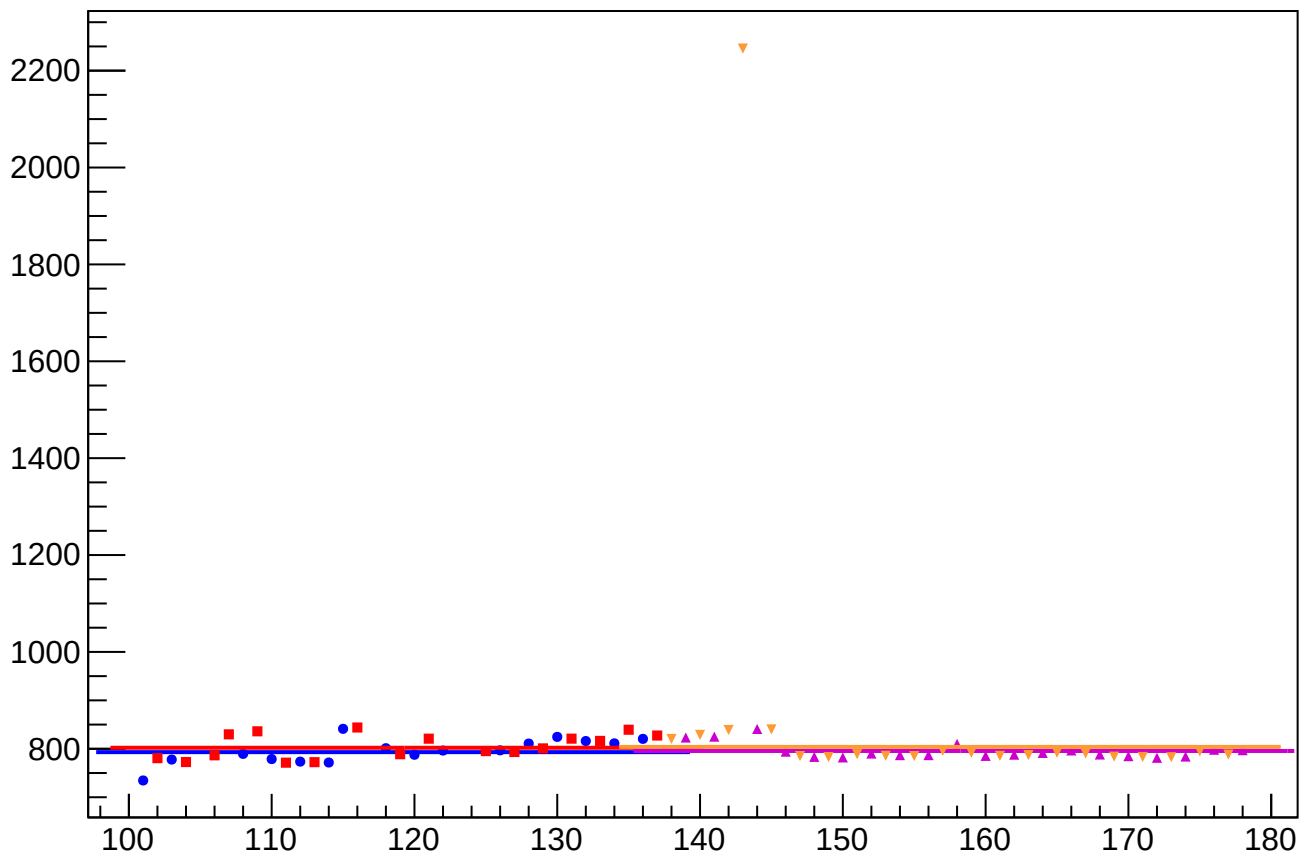
χ^2/NDF : 20.0/32

χ^2/NDF : 35.1/35

χ^2/NDF : 26.1/37

χ^2/NDF : 62.0/73

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 795.488 $\pm$ 0.142 χ^2 /NDF: 12647.0/19

Left: 799.628 $\pm$ 0.101 χ^2 /NDF: 669951.2/40

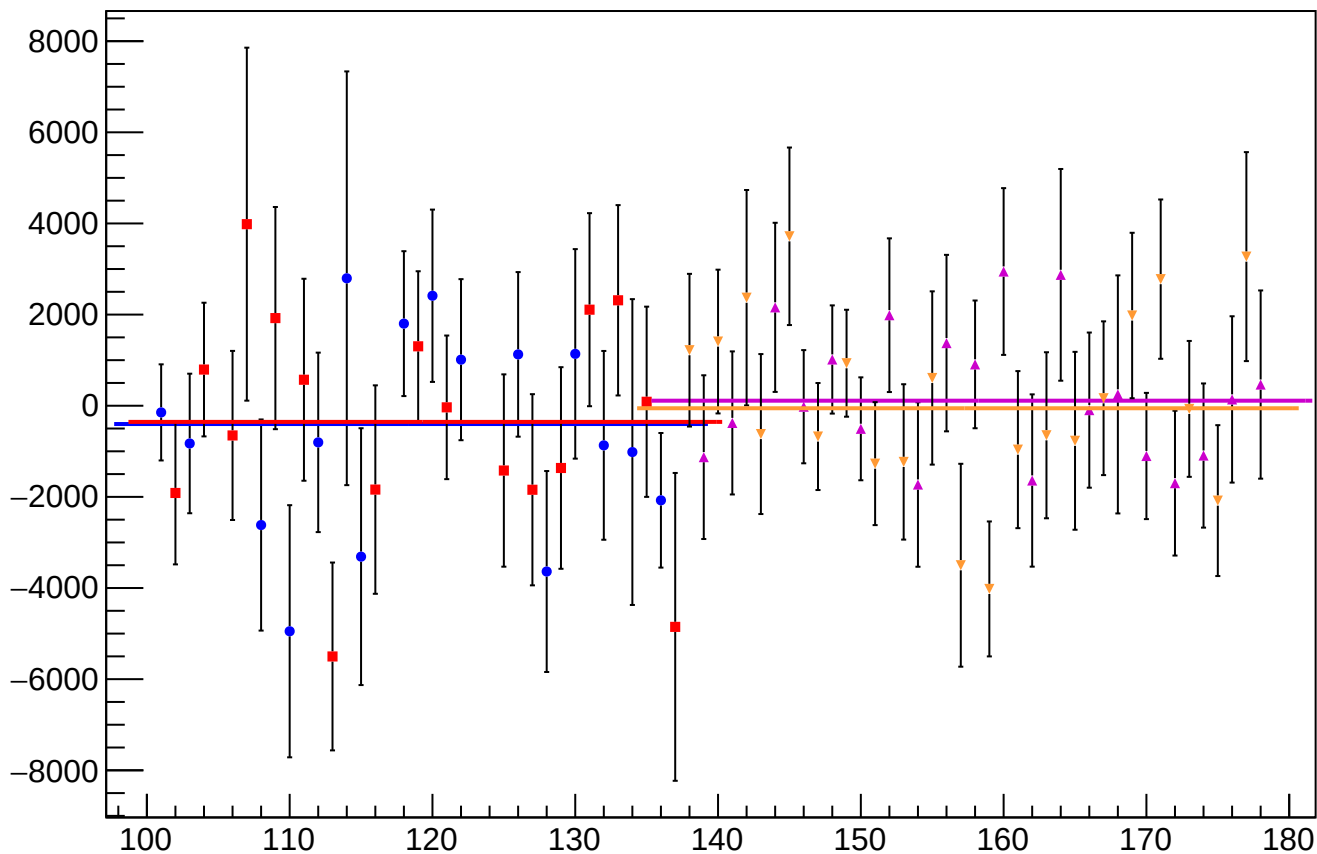
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 794.770 $\pm$ 0.119 χ^2 /NDF: 27435.6/35

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

All: 799.027 $\pm$ 0.084 χ^2 /NDF: 698371.7/73

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 110.704 $\pm$ 360.613 χ^2/NDF : 13.1/19

Left: 27.666 $\pm$ 254.963 χ^2/NDF : 39.5/40

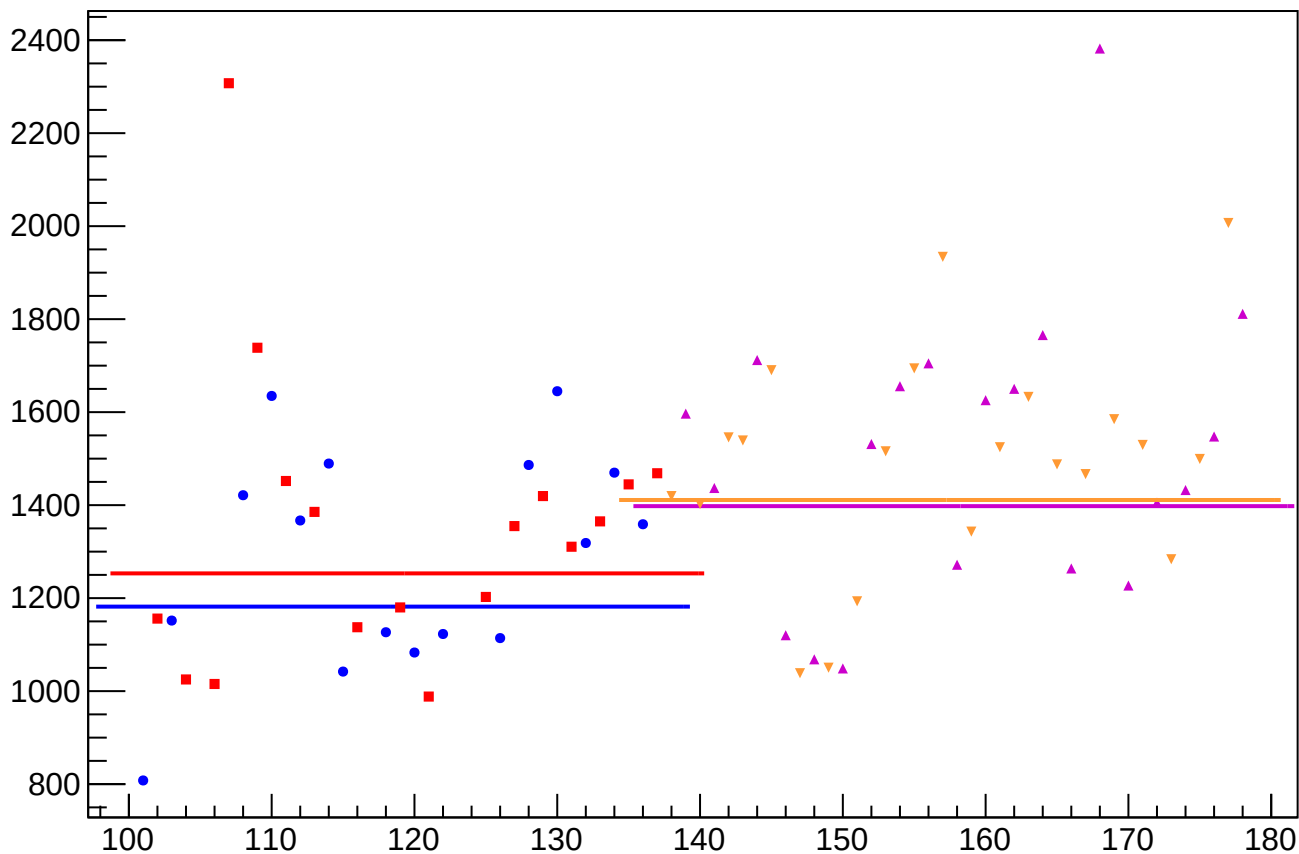
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: -79.758 $\pm$ 285.801 χ^2/NDF : 28.6/35

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

All: -120.015 $\pm$ 203.445 χ^2/NDF : 72.7/73

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1397.854 $\pm$ 0.255 χ^2 /NDF: 1186271.5/19

Left: 1404.468 $\pm$ 0.180 χ^2 /NDF: 2081315.7/40

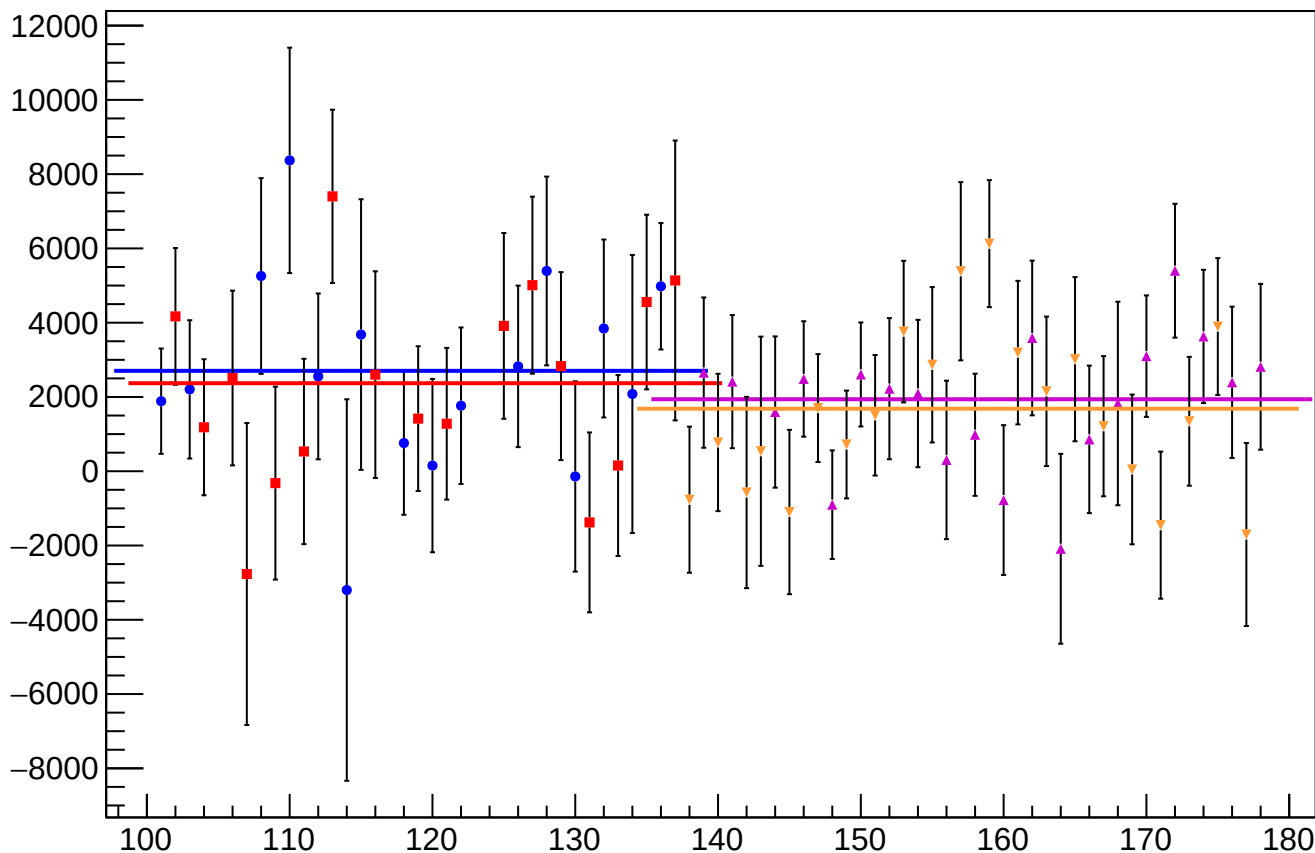
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1317.497 $\pm$ 0.202 χ^2 /NDF: 1996821.5/35

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

All: 1336.057 $\pm$ 0.144 χ^2 /NDF: 3499173.4/73

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 1938.556 $\pm$ 416.730 χ^2 /NDF:15.8/19

Left: 1812.475 $\pm$ 296.058 χ^2 /NDF: 39.0/40

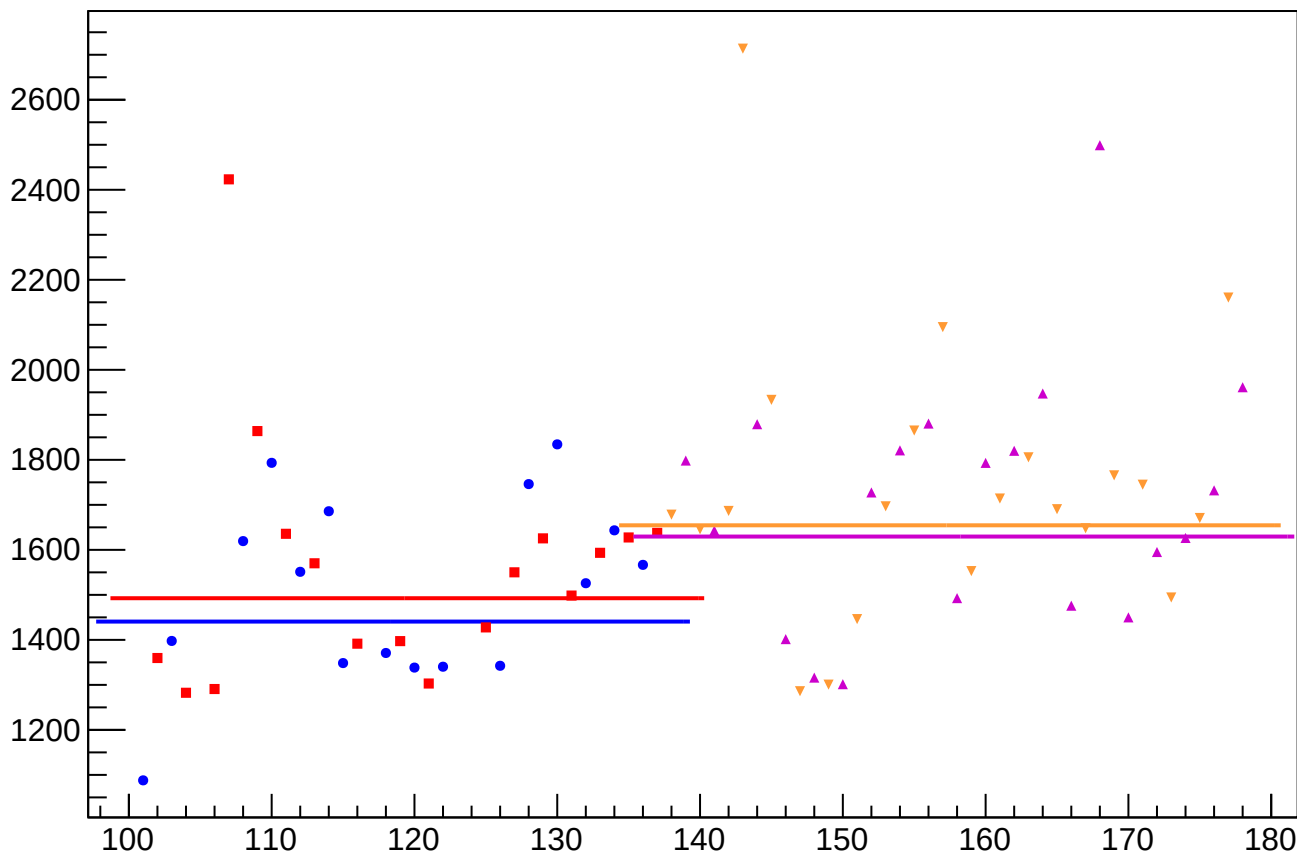
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2208.448 $\pm$ 335.270 χ^2 /NDF:30.0/35

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

All: 2067.984 $\pm$ 238.449 χ^2 /NDF: 70.3/73

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1654.539+/-0.297 χ^2/NDF : 769605.5/20

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

Left In: 1629.558+/-0.295 χ^2/NDF : 702408.4/19

Left: 1641.931+/-0.209 χ^2/NDF : 1475573.3/40

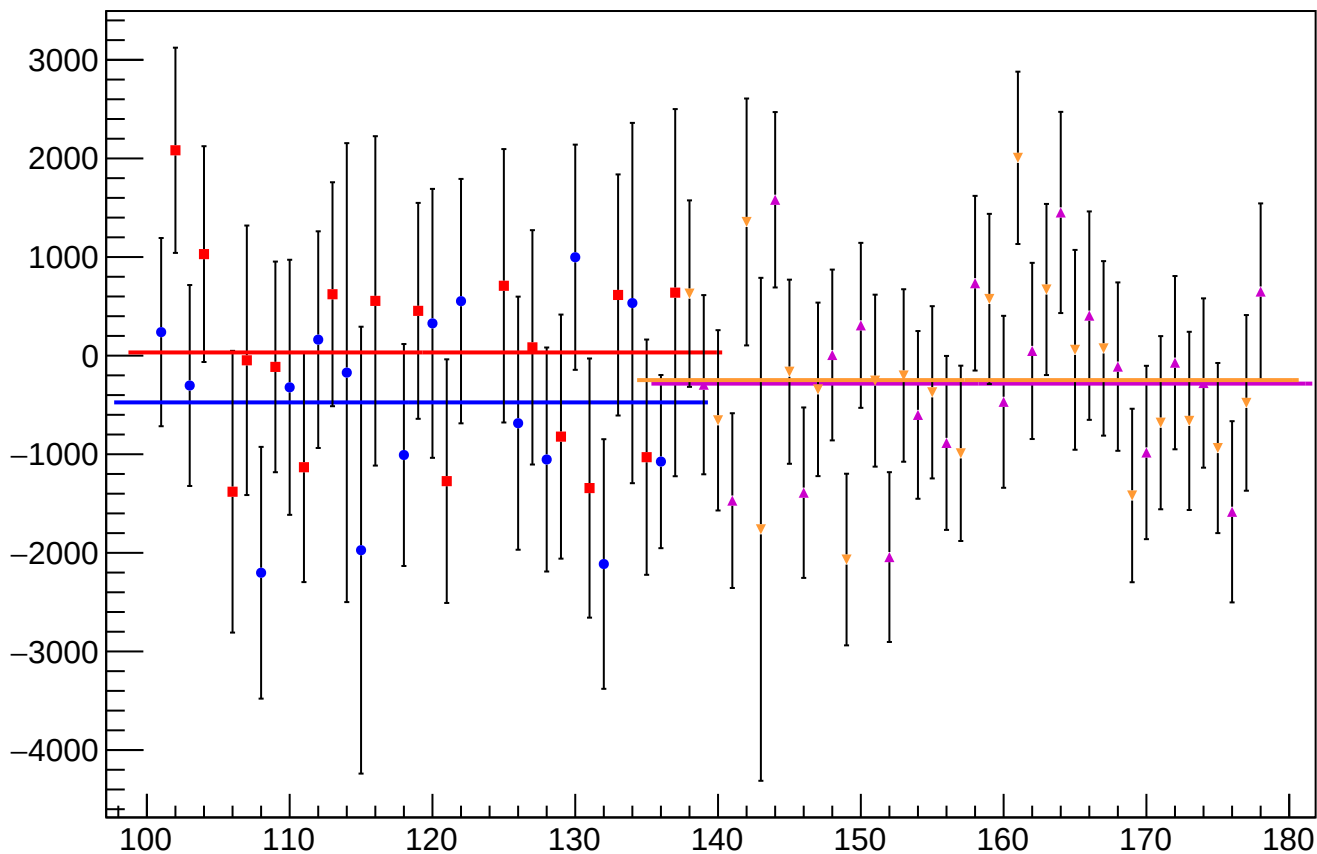
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1562.924+/-0.237 χ^2/NDF : 1129635.6/35

Out: 1597.861+/-0.240 χ^2/NDF : 1124885.4/37

All: 1580.189+/-0.169 χ^2/NDF : 2265253.2/73

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -248.131 $\pm$ 201.170 χ^2/NDF : 20.0/20

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

Left In: -283.746 $\pm$ 198.751 χ^2/NDF : 21.9/19

Left: -266.154 $\pm$ 141.386 χ^2/NDF : 41.9/40

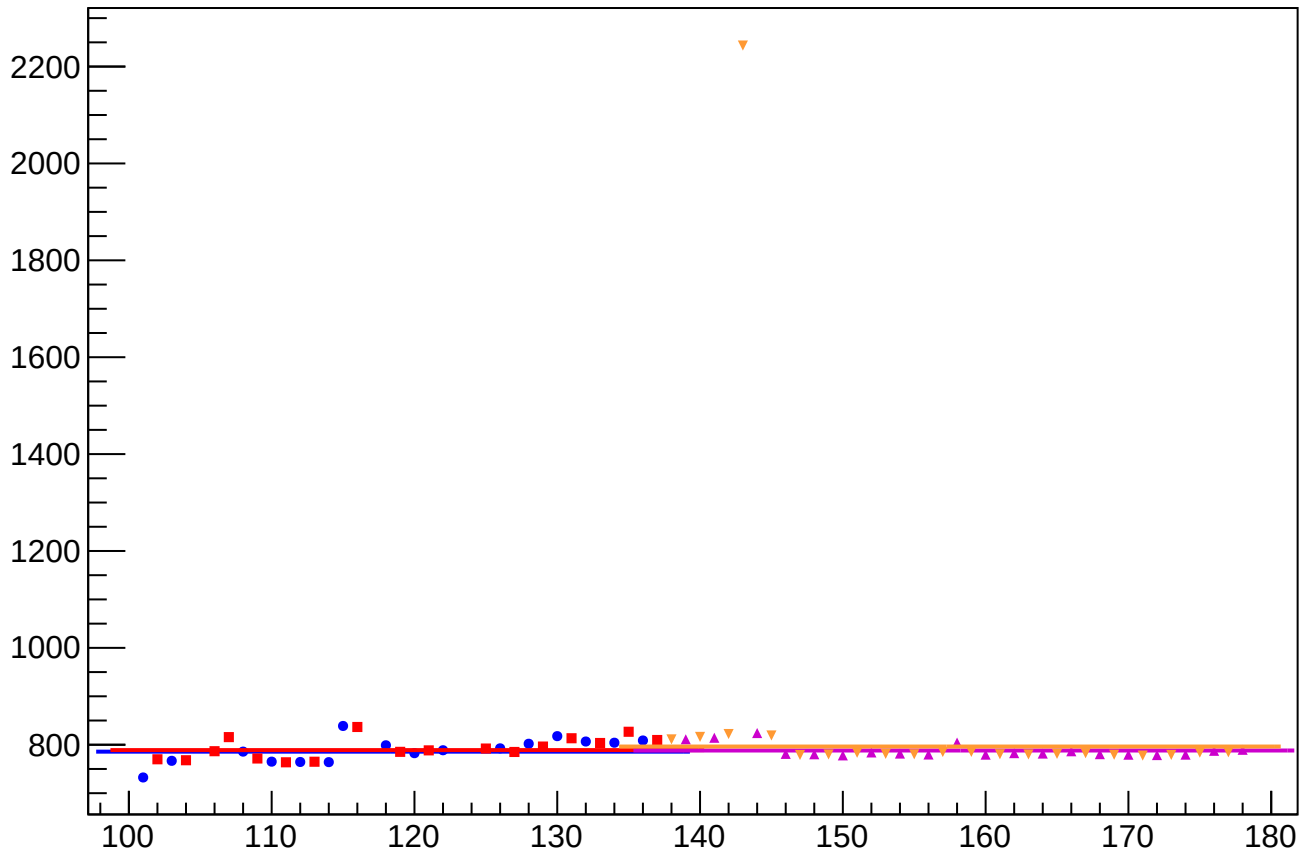
Right: -217.229 $\pm$ 213.362 χ^2/NDF : 21.6/32

In: -340.779 $\pm$ 166.339 χ^2/NDF : 31.0/35

Out: -160.943 $\pm$ 167.015 χ^2/NDF : 31.9/37

All: -251.226 $\pm$ 117.858 χ^2/NDF : 63.5/73

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 796.297+/-0.142 χ^2/NDF : 656646.1/20

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

Left In: 788.109+/-0.141 χ^2/NDF : 9063.2/19

Left: 792.153+/-0.100 χ^2/NDF : 667386.1/40

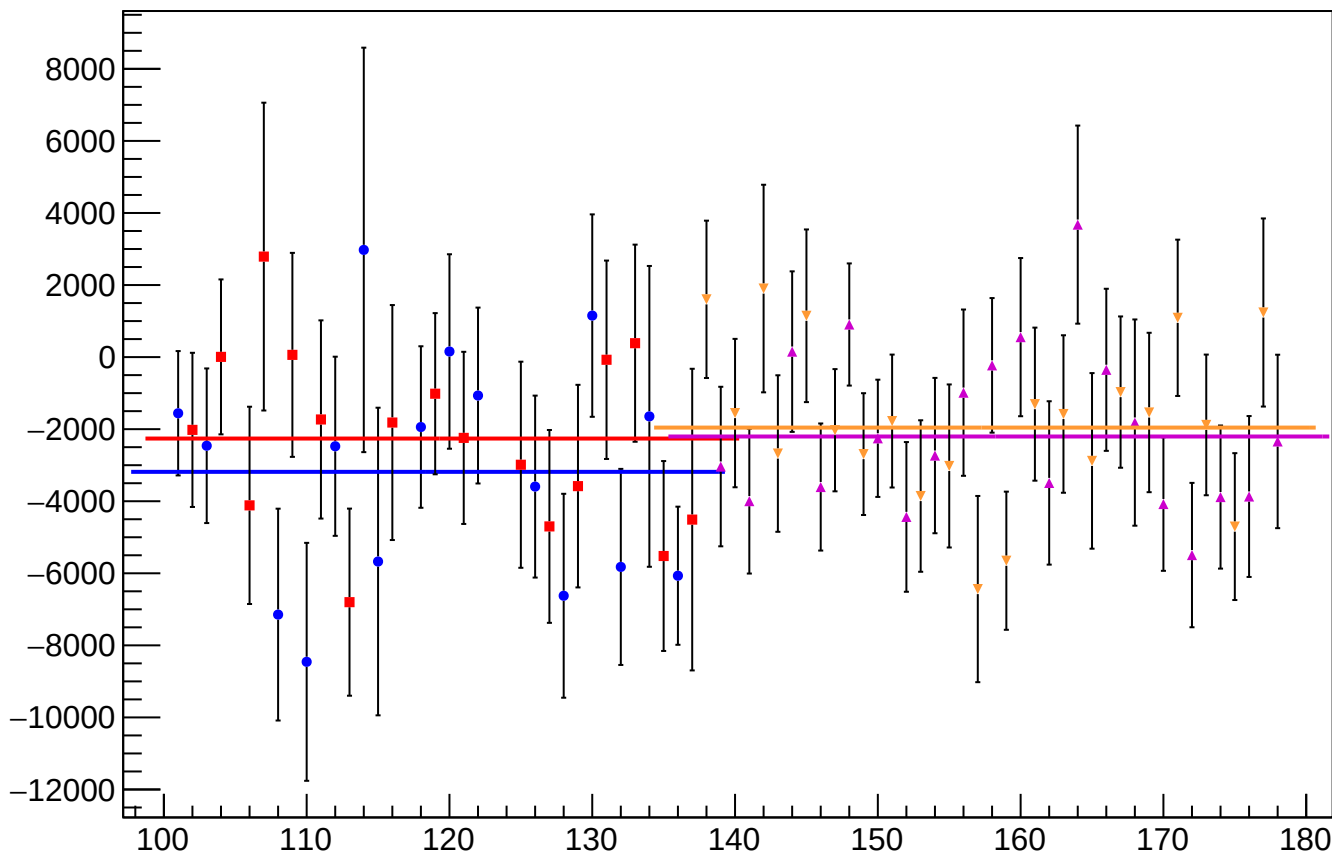
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 787.401+/-0.118 χ^2/NDF : 23069.3/35

Out: 794.011+/-0.118 χ^2/NDF : 667002.3/37

All: 790.692+/-0.083 χ^2/NDF : 691644.4/73

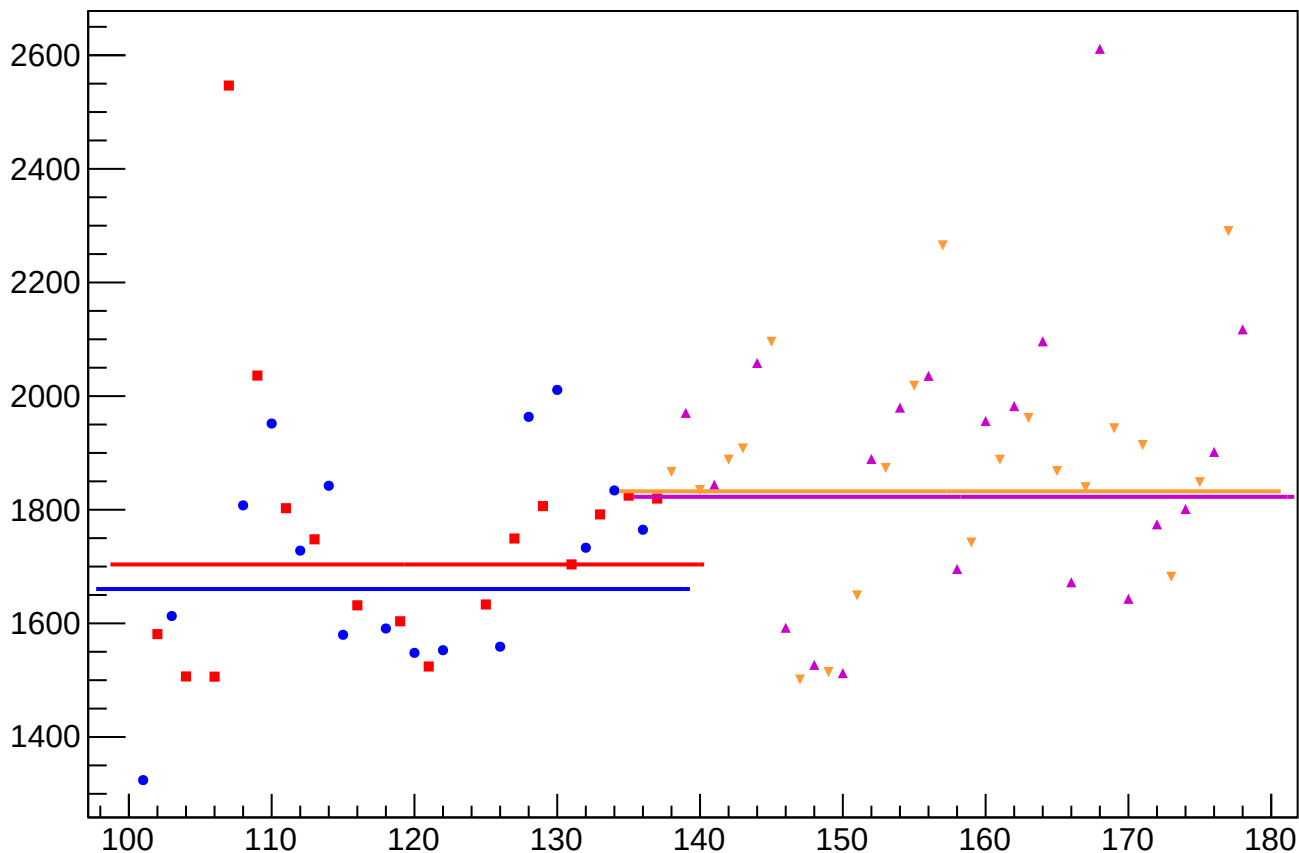
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -1955.963 $\pm$ 462.228 χ^2/NDF :20.1/20
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -2203.556 $\pm$ 464.096 χ^2/NDF :20.8/19

Left: -2079.260 $\pm$ 327.503 χ^2/NDF : 41.0/40
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2536.571 $\pm$ 377.183 χ^2/NDF :39.2/35
 Out: -2057.748 $\pm$ 377.073 χ^2/NDF :31.8/37
 All: -2297.090 $\pm$ 266.670 χ^2/NDF : 71.7/73

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1822.754 $\pm$ 0.328 χ^2 /NDF: 488853.3/19

Left: 1827.642 $\pm$ 0.232 χ^2 /NDF: 849014.0/40

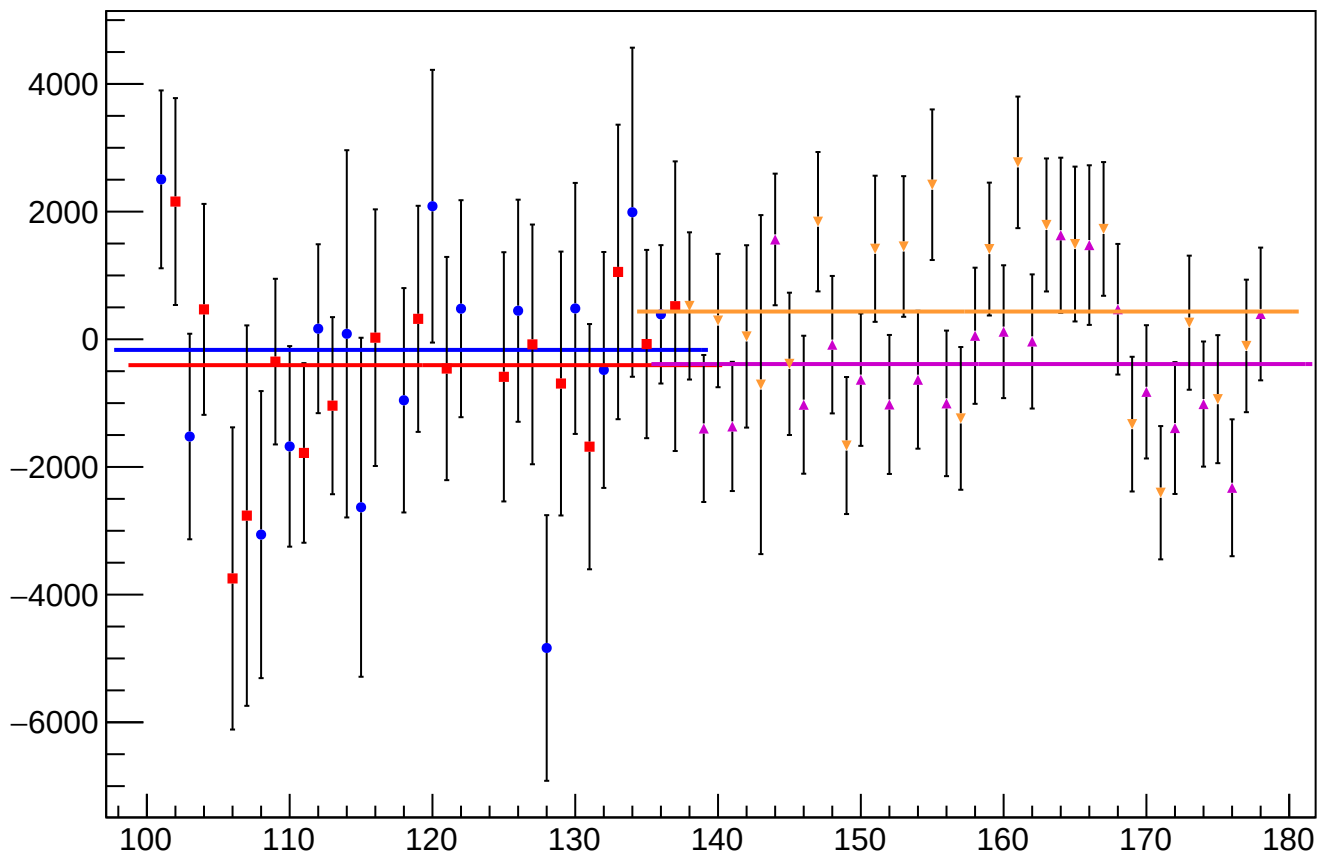
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1767.659 $\pm$ 0.267 χ^2 /NDF: 751086.3/35

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

All: 1778.534 $\pm$ 0.189 χ^2 /NDF: 1337110.9/73

asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -388.084+/-239.312 χ^2/NDF : 18.0/19

Left: 17.089+/-170.497 χ^2/NDF : 59.2/40

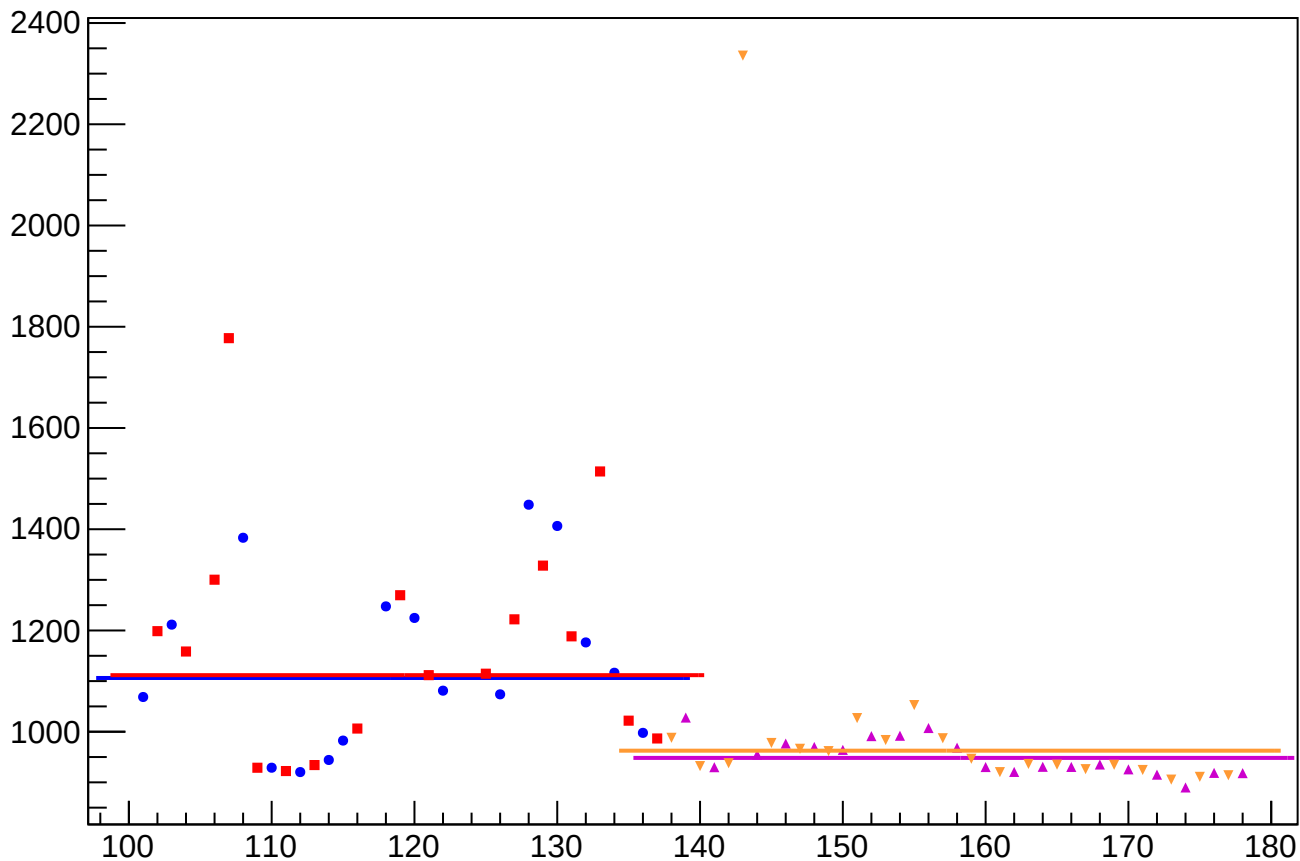
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -336.144+/-209.415 χ^2/NDF : 33.8/35

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

All: -55.478+/-148.765 χ^2/NDF : 83.6/73

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 962.552 ± 0.172 $\chi^2/\text{NDF}: 586378.4/20$

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

Left In: 948.270 ± 0.169 $\chi^2/\text{NDF}: 41884.0/19$

Left: 955.303 ± 0.121 $\chi^2/\text{NDF}: 631770.1/40$

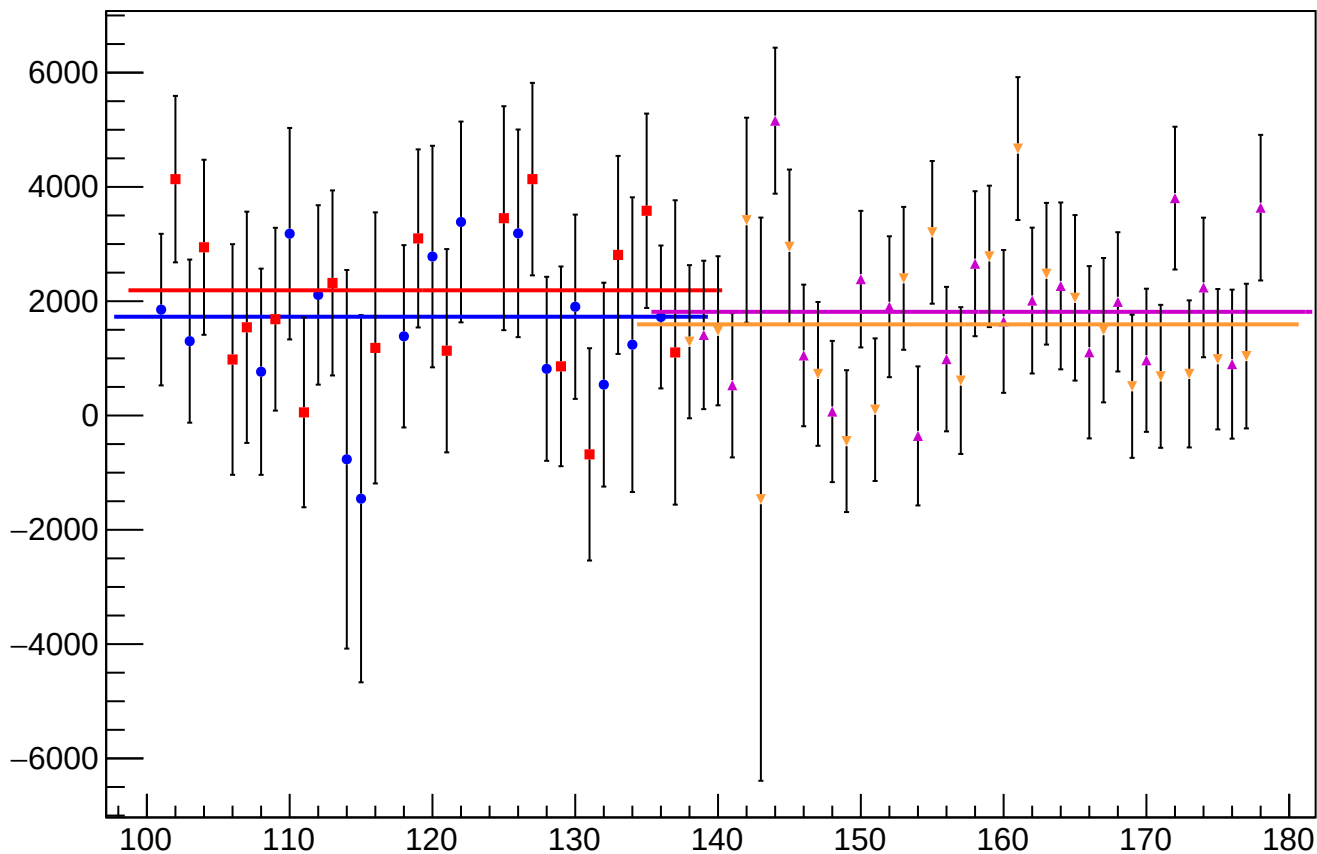
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 985.256 ± 0.148 $\chi^2/\text{NDF}: 505733.7/35$

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

All: 991.980 ± 0.105 $\chi^2/\text{NDF}: 1636004.3/73$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1814.235 $\pm$ 283.862 χ^2 /NDF:20.7/19

Left: 1706.113 $\pm$ 202.114 χ^2 /NDF: 40.5/40

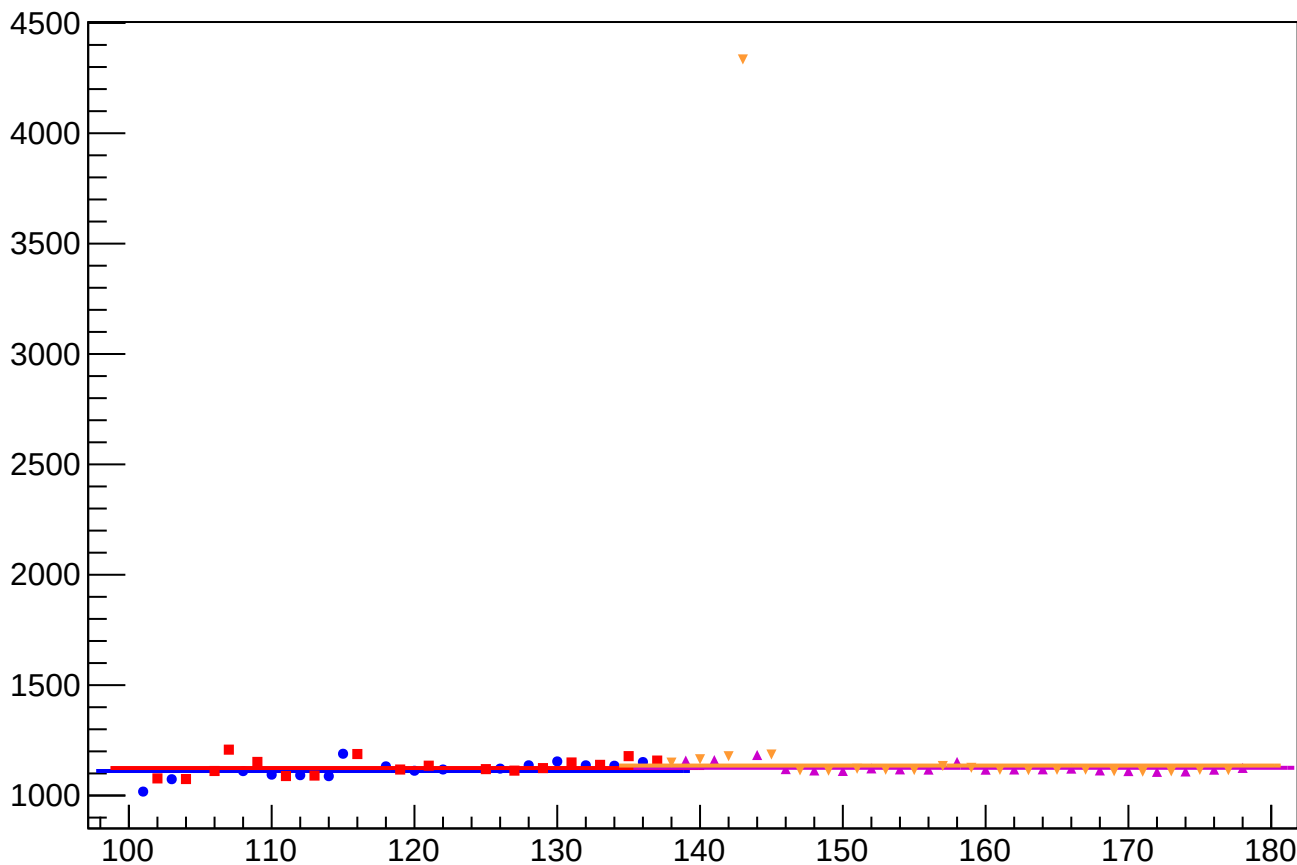
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1788.185 $\pm$ 236.865 χ^2 /NDF:26.0/35

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

All: 1784.635 $\pm$ 168.140 χ^2 /NDF: 57.7/73

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.701 $\pm$ 0.204 χ^2 /NDF: 856120.7/20

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

Left In: 1125.537 $\pm$ 0.201 χ^2 /NDF: 10069.6/19

Left: 1130.548 $\pm$ 0.143 χ^2 /NDF: 867454.5/40

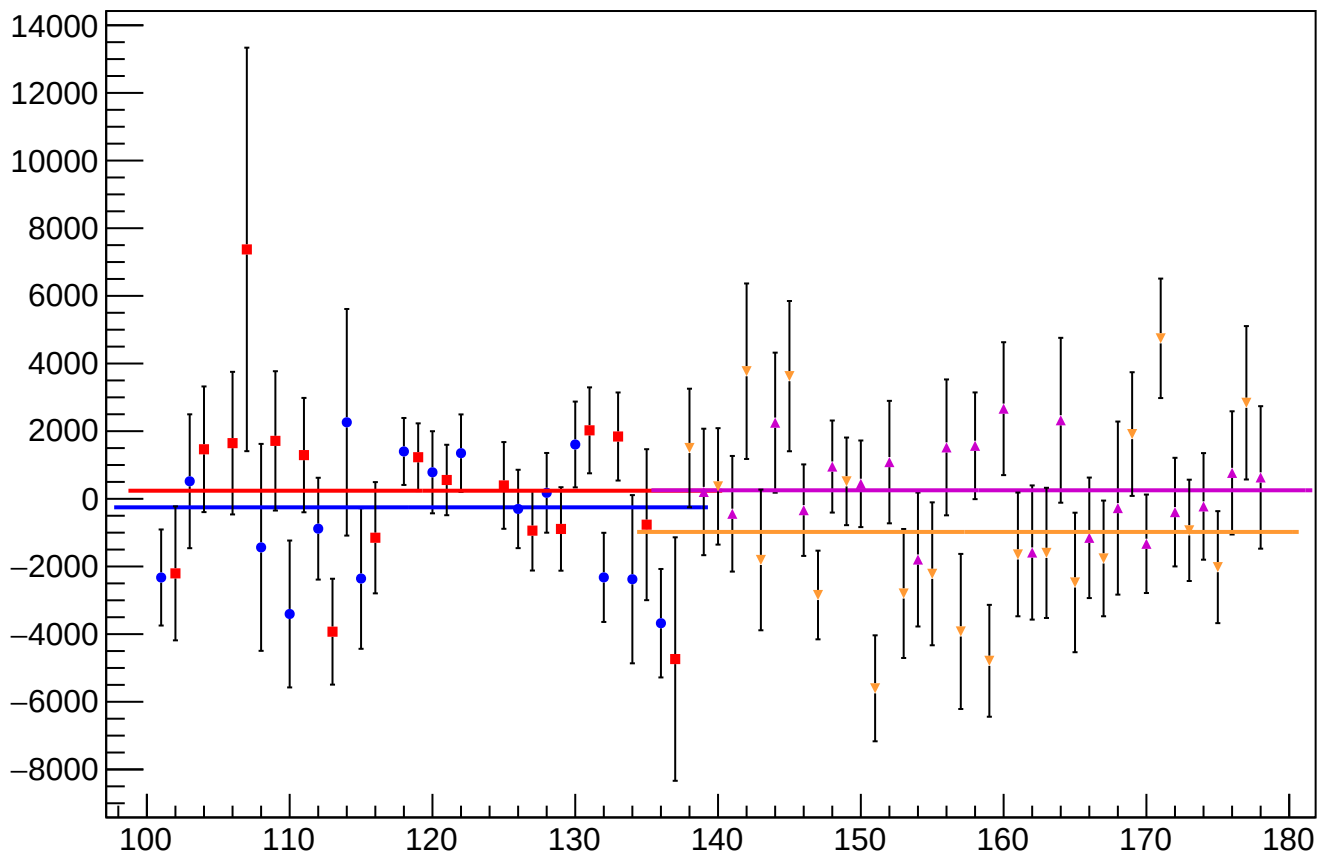
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1121.135 $\pm$ 0.167 χ^2 /NDF: 29744.5/35

Out: 1132.208 $\pm$ 0.169 χ^2 /NDF: 871664.5/37

All: 1126.628 $\pm$ 0.119 χ^2 /NDF: 903577.6/73

asym_usl_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 252.405 $\pm$ 386.098 χ^2/NDF : 9.3/19

Left: -360.761 $\pm$ 273.529 χ^2/NDF : 62.2/40

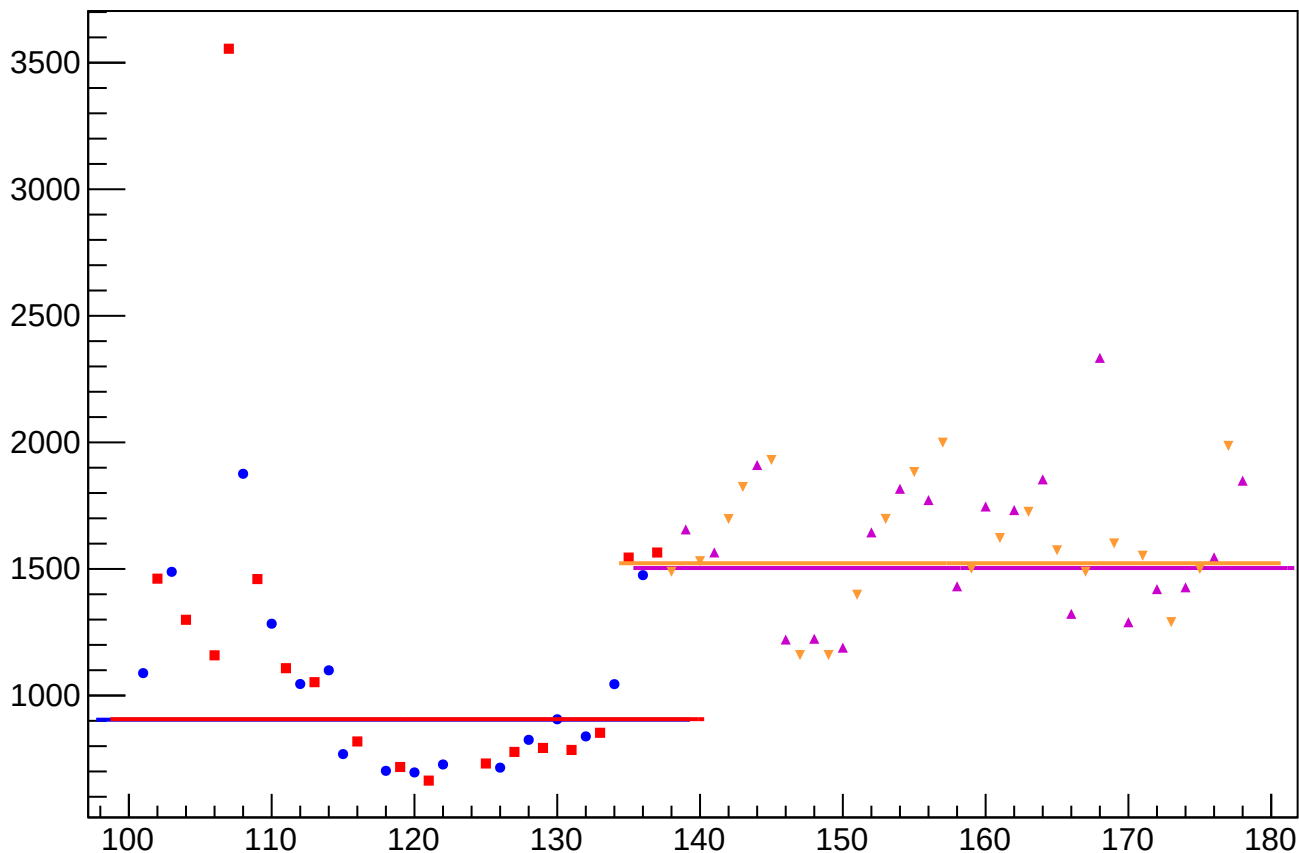
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -13.633 $\pm$ 265.220 χ^2/NDF : 32.0/35

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

All: -172.258 $\pm$ 187.555 χ^2/NDF : 106.9/73

asym_usl_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1503.631+/-0.273 χ^2/NDF : 925483.6/19

Left: 1513.045+/-0.193 χ^2/NDF : 1698265.3/40

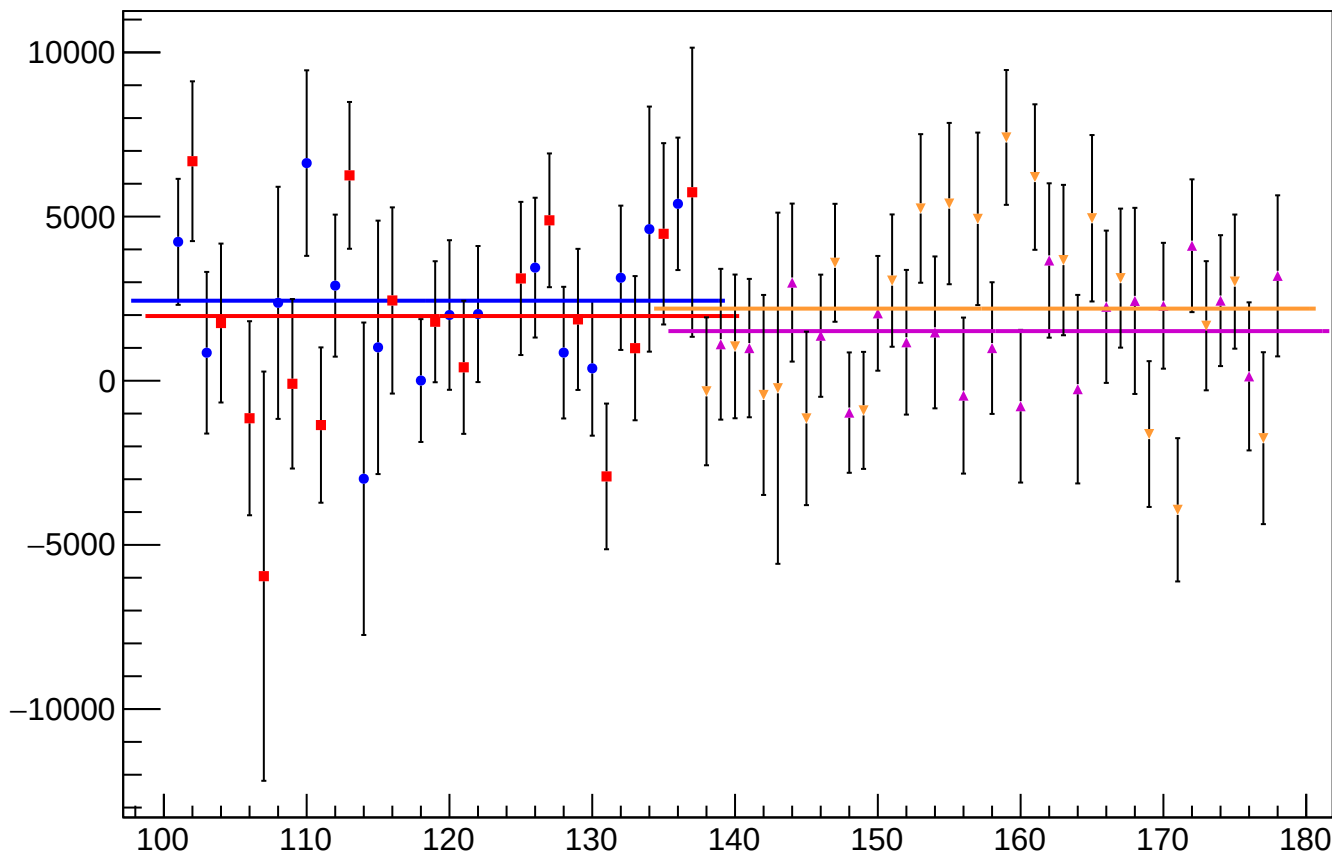
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1187.203+/-0.188 χ^2/NDF : 4490124.3/35

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

All: 1191.170+/-0.133 χ^2/NDF : 9322539.4/73

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2196.552 $\pm$ 491.721 χ^2 /NDF:37.3/20

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

Left In: 1511.390 $\pm$ 485.124 χ^2 /NDF:8.4/19

Left: 1849.344 $\pm$ 345.343 χ^2 /NDF: 46.8/40

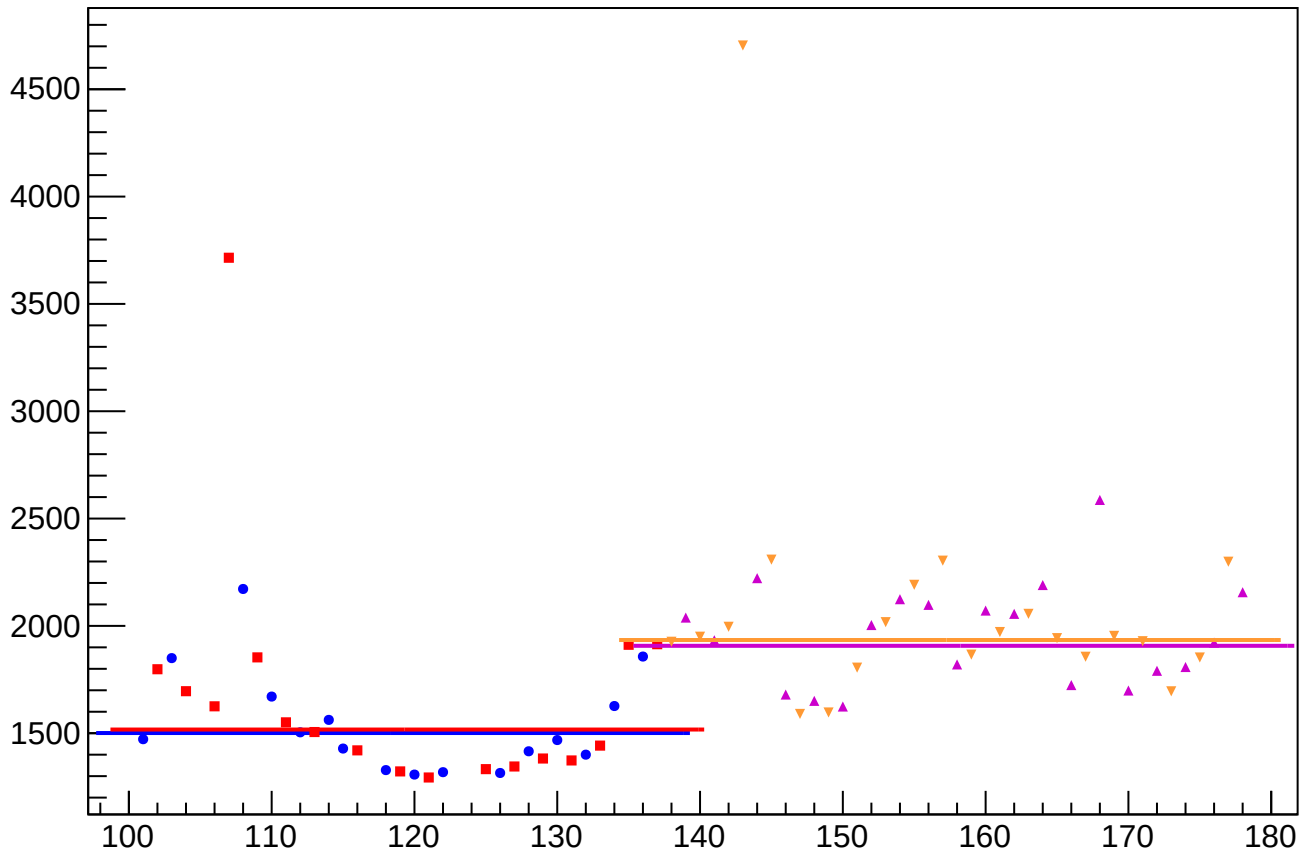
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 1887.821 $\pm$ 373.747 χ^2 /NDF:21.1/35

Out: 2103.252 $\pm$ 376.854 χ^2 /NDF:59.7/37

All: 1994.645 $\pm$ 265.371 χ^2 /NDF: 81.0/73

asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 1907.212 ± 0.343 $\chi^2/\text{NDF}: 421437.4/19$

Left: 1920.497 ± 0.244 $\chi^2/\text{NDF}: 1302529.3/40$

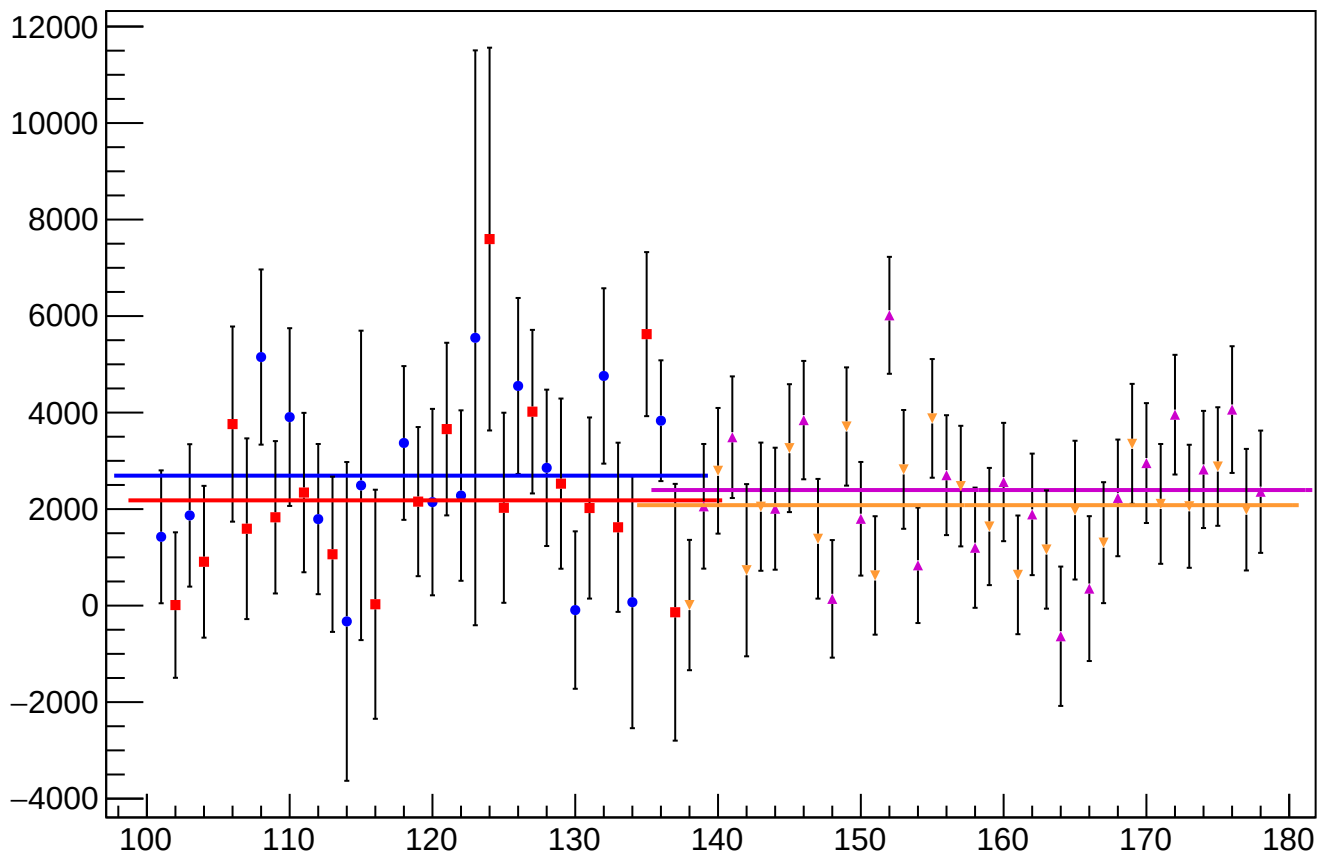
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1742.034 ± 0.264 $\chi^2/\text{NDF}: 1248108.2/35$

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

All: 1751.967 ± 0.188 $\chi^2/\text{NDF}: 3197640.5/73$

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2394.866 $\pm$ 280.945 χ^2/NDF :27.6/19

Left: 2236.997 $\pm$ 197.916 χ^2/NDF : 42.3/40

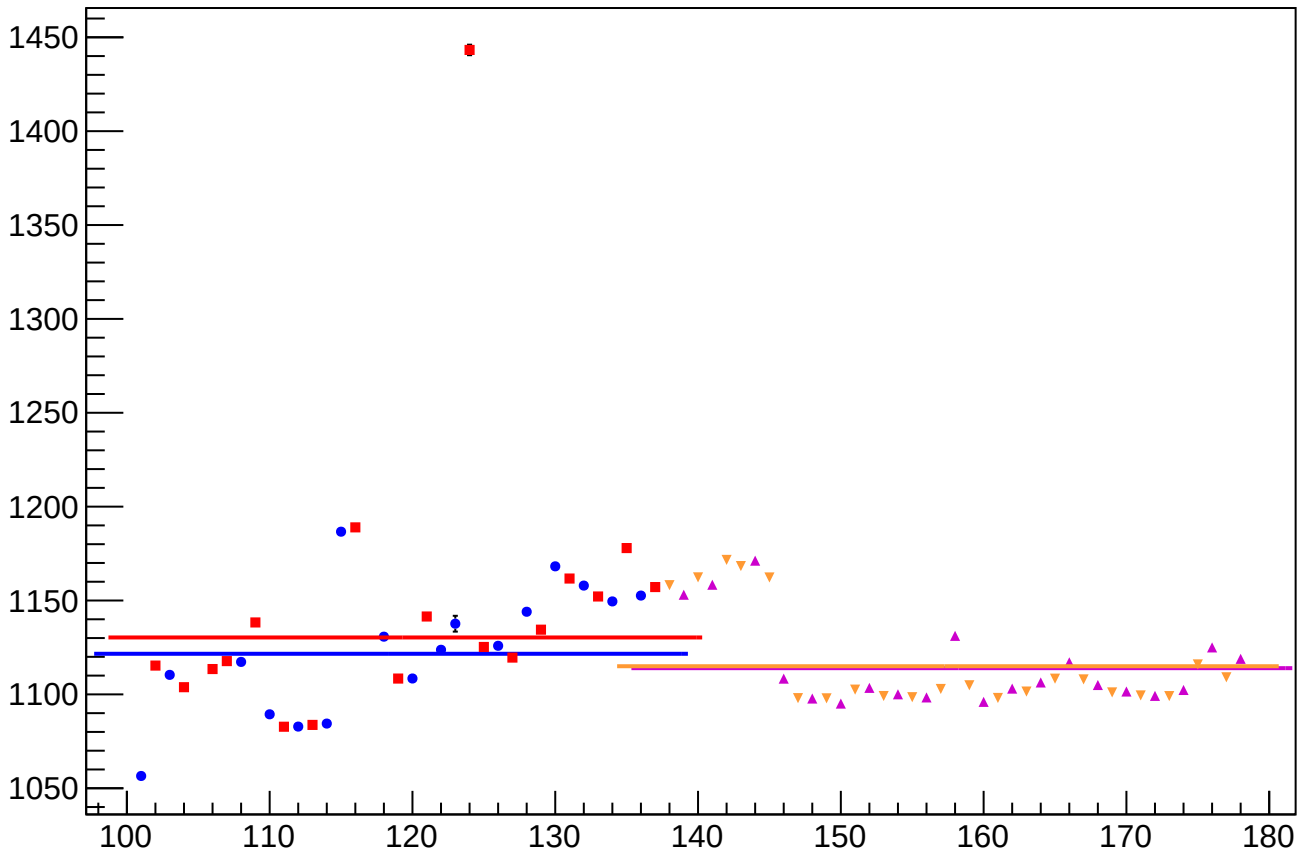
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2483.302 $\pm$ 235.620 χ^2/NDF :40.2/36

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

All: 2295.436 $\pm$ 165.755 χ^2/NDF : 69.0/75

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1113.964+/-0.199 χ^2/NDF : 12040.0/19

Left: 1114.483+/-0.140 χ^2/NDF : 28164.1/40

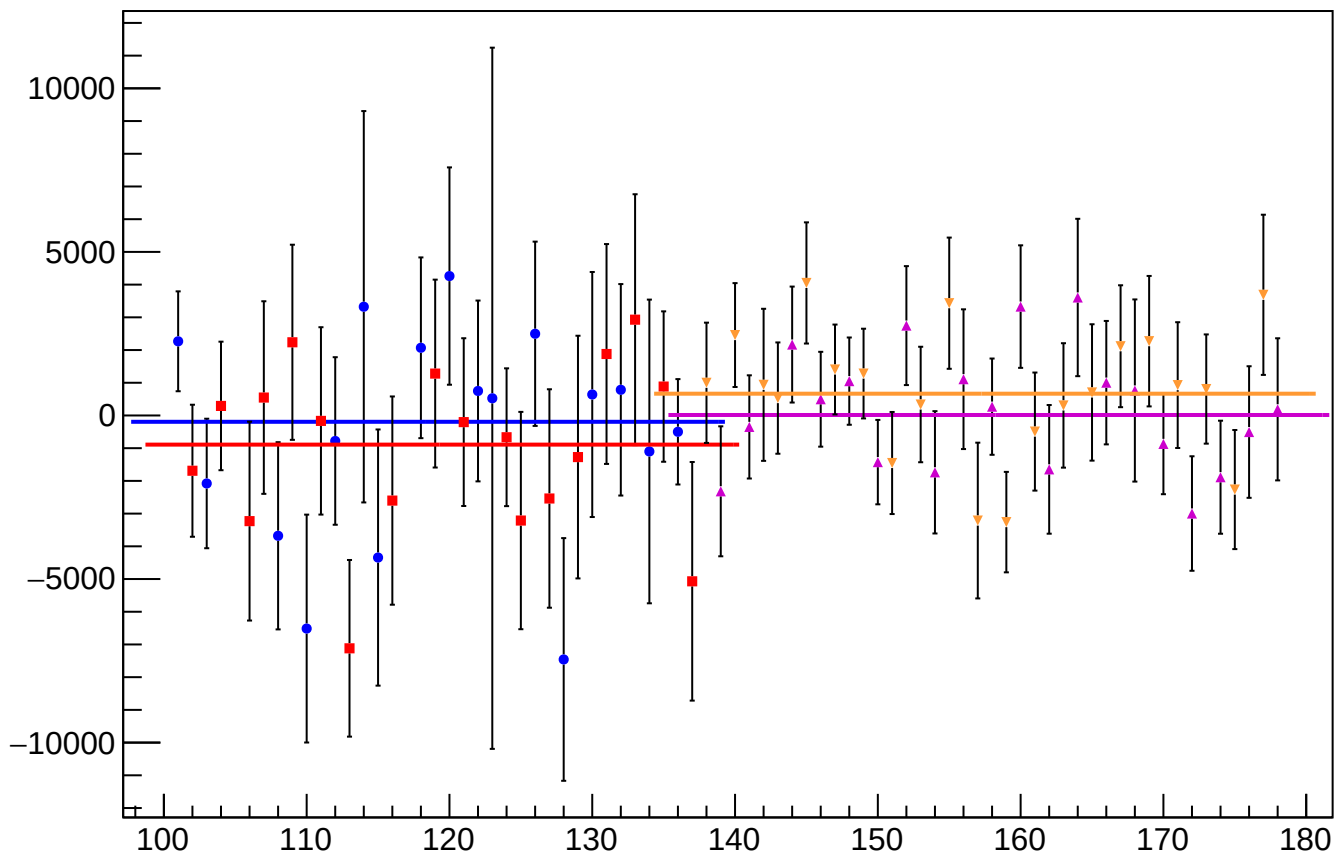
Right: 1126.044+/-0.214 χ^2/NDF : 33666.6/34

In: 1116.237+/-0.167 χ^2/NDF : 24461.6/36

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

All: 1117.935+/-0.117 χ^2/NDF : 63868.4/75

asym_usr_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 14.598 ± 390.671 χ^2/NDF : 19.3/19

Left: 341.483 ± 275.652 χ^2/NDF : 44.7/40

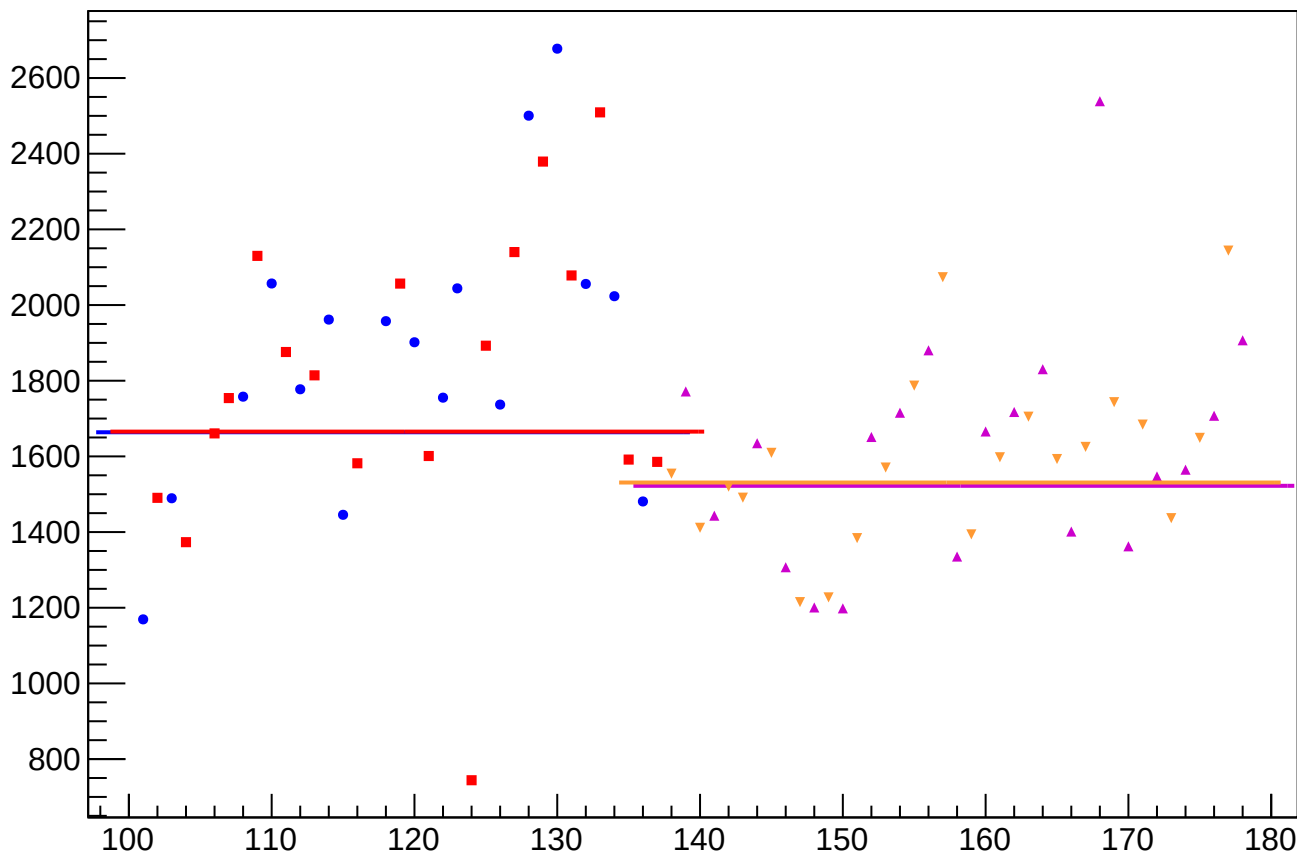
Right: -548.030 ± 463.023 χ^2/NDF : 31.0/34

In: -39.310 ± 336.237 χ^2/NDF : 36.7/36

Out: 254.528 ± 333.707 χ^2/NDF : 41.3/38

All: 108.719 ± 236.856 χ^2/NDF : 78.4/75

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1522.263 $\pm$ 0.276 χ^2 /NDF: 892858.1/19

Left: 1526.630 $\pm$ 0.195 χ^2 /NDF: 1486732.0/40

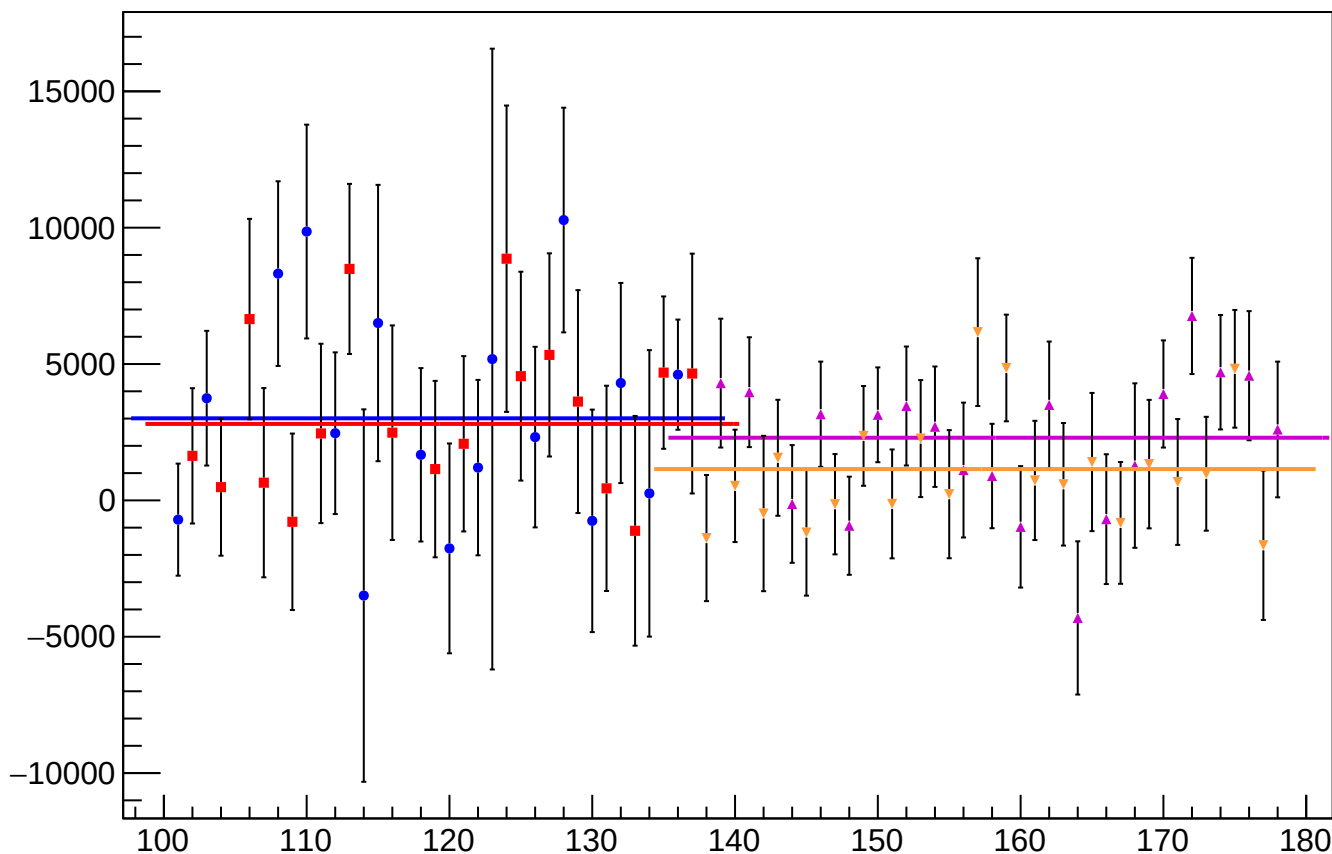
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1558.952 $\pm$ 0.238 χ^2 /NDF: 1583373.0/36

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

All: 1562.743 $\pm$ 0.167 χ^2 /NDF: 3043189.9/75

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2297.301+/-485.258 χ^2/NDF : 24.4/19

Left: 1718.563+/-341.976 χ^2/NDF : 43.5/40

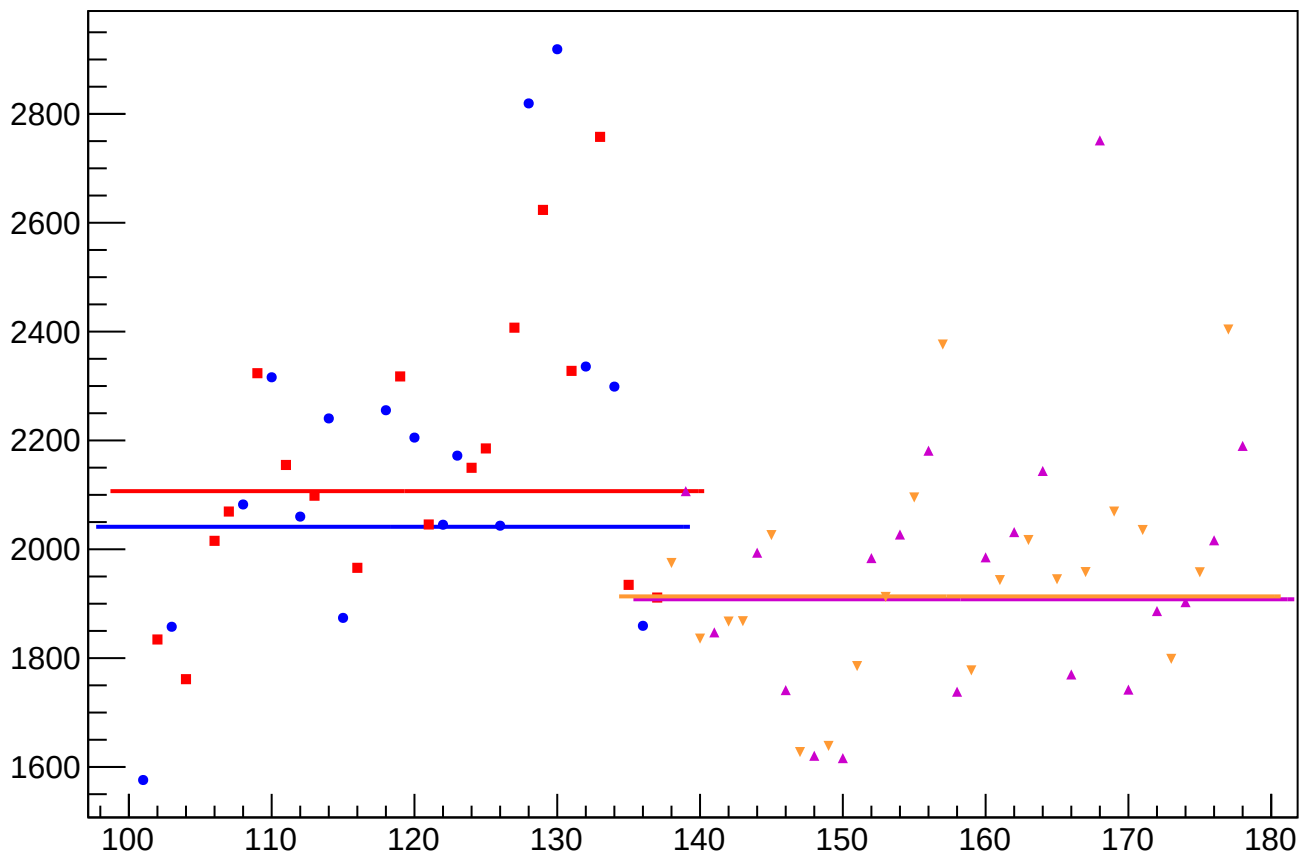
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2488.900+/-414.848 χ^2/NDF : 42.3/36

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

All: 2036.753+/-292.618 χ^2/NDF : 75.4/75

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1913.439+/-0.341 χ^2/NDF : 283206.8/20

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

Left In: 1908.136+/-0.343 χ^2/NDF : 419400.8/19

Left: 1910.805+/-0.242 χ^2/NDF : 702727.8/40

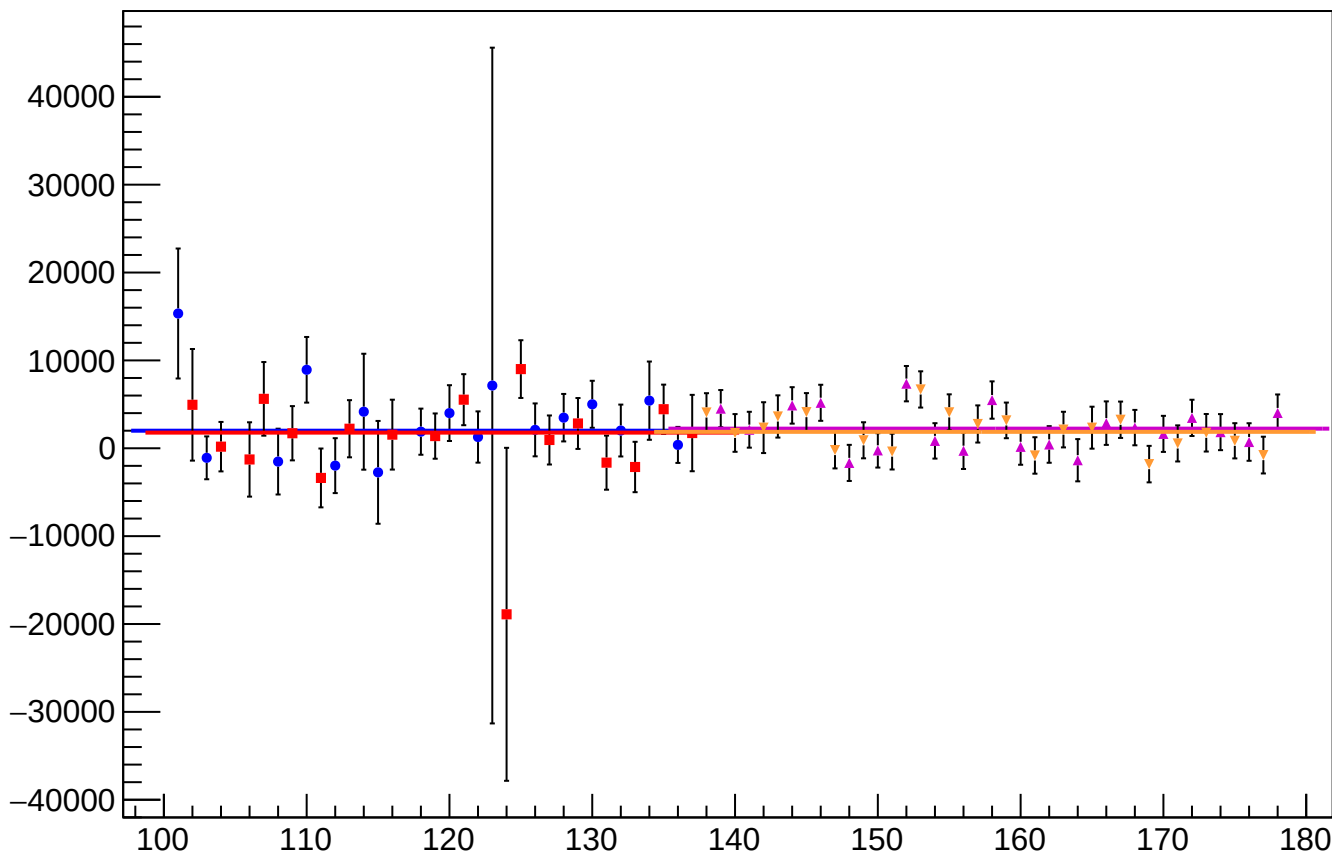
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1943.989+/-0.293 χ^2/NDF : 798402.8/36

Out: 1964.989+/-0.292 χ^2/NDF : 565752.0/38

All: 1954.541+/-0.207 χ^2/NDF : 1366729.9/75

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1870.725+/-464.822 χ^2/NDF :19.9/20

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

Left In: 2233.794+/-466.883 χ^2/NDF :26.6/19

Left: 2051.456+/-329.405 χ^2/NDF : 46.8/40

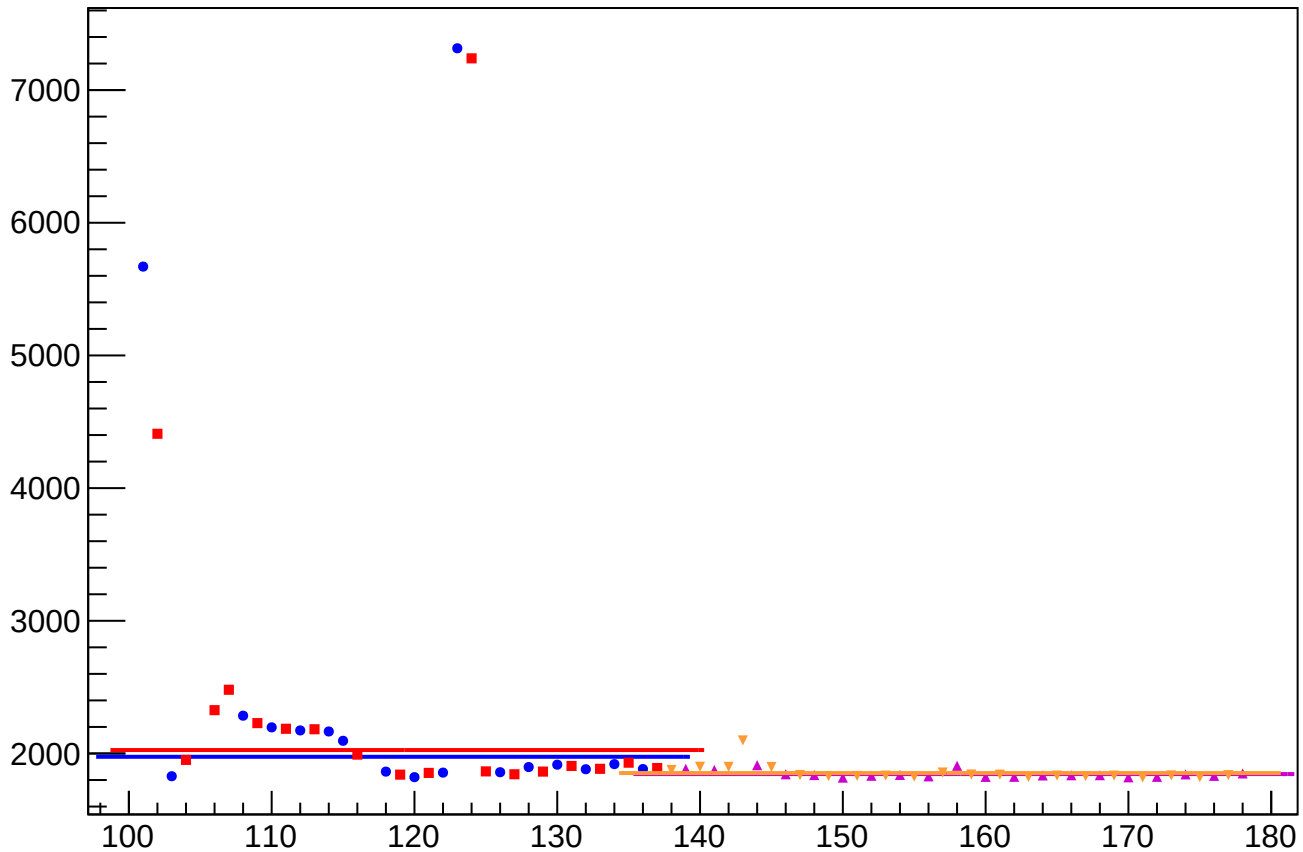
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2172.285+/-400.819 χ^2/NDF :41.5/36

Out: 1847.508+/-399.543 χ^2/NDF :36.2/38

All: 2009.379+/-282.970 χ^2/NDF : 78.0/75

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1852.423+/-0.329 χ^2/NDF : 27075.0/20

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

Left In: 1844.763+/-0.330 χ^2/NDF : 6687.2/19

Left: 1848.610+/-0.233 χ^2/NDF : 34032.4/40

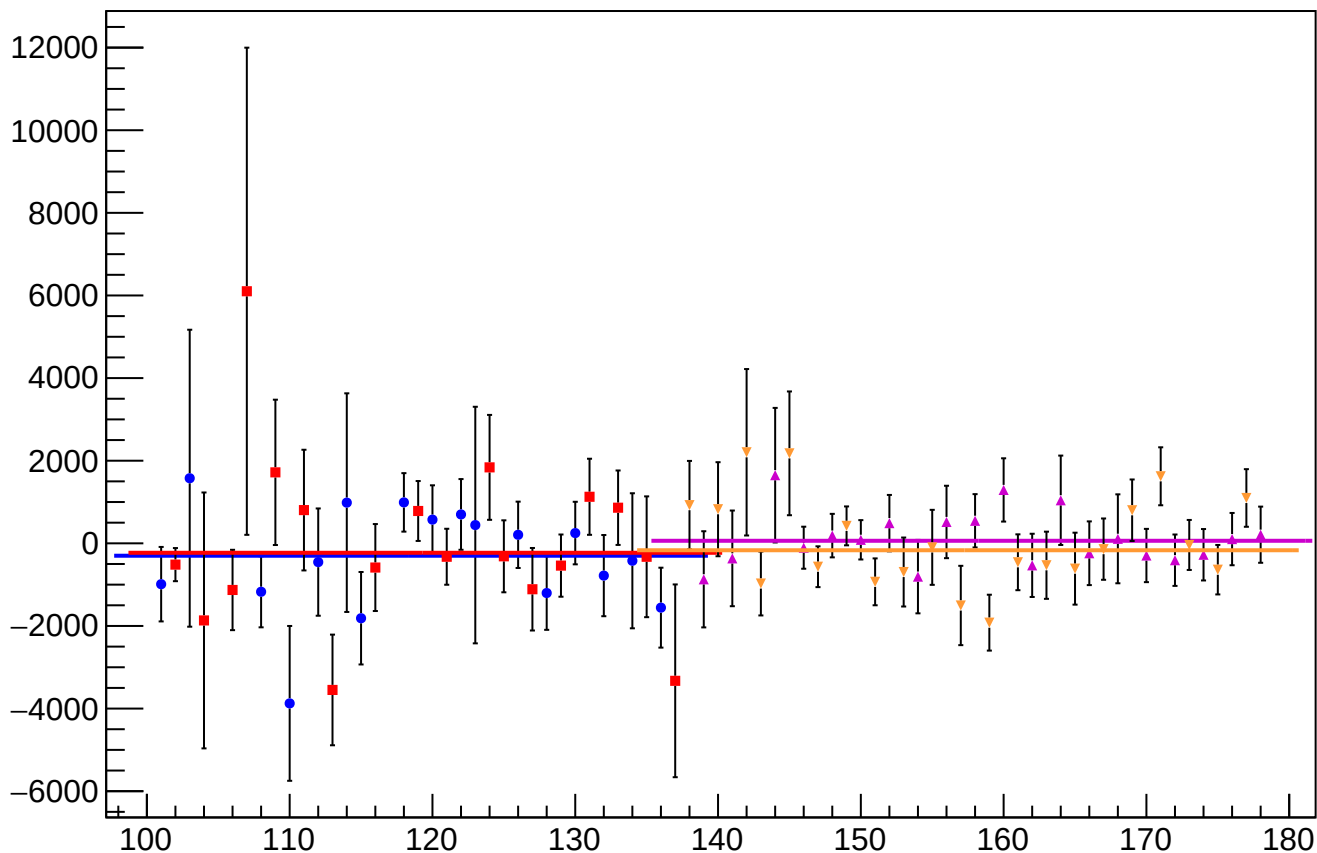
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1879.041+/-0.283 χ^2/NDF : 647513.0/36

Out: 1897.720+/-0.283 χ^2/NDF : 635186.7/38

All: 1888.410+/-0.200 χ^2/NDF : 1284878.3/75

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -167.473+/-158.338 χ^2/NDF : 32.6/20

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

Left In: 61.786+/-158.310 χ^2/NDF : 9.5/19

Left: -52.823+/-111.952 χ^2/NDF : 43.1/40

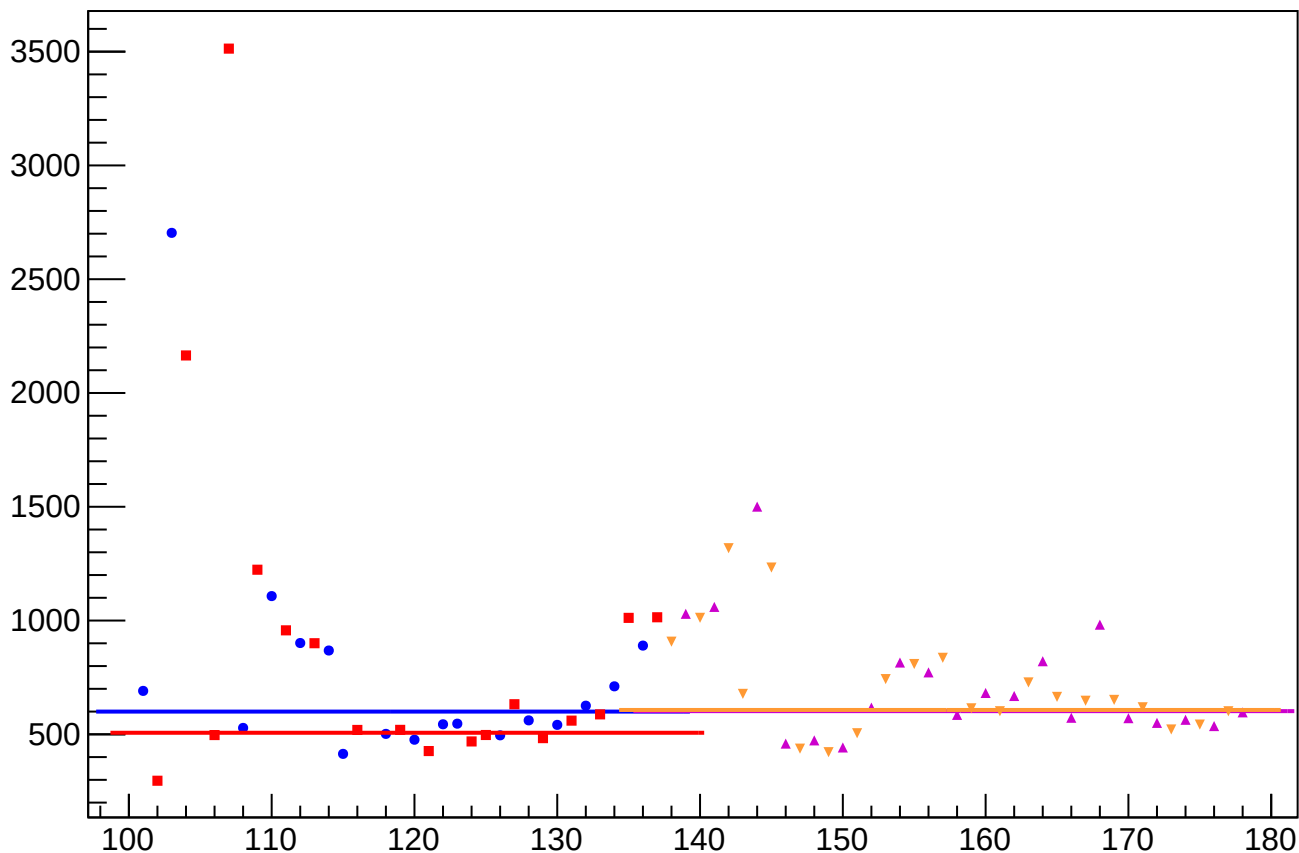
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -43.788+/-133.223 χ^2/NDF : 28.3/36

Out: -188.955+/-127.624 χ^2/NDF : 54.4/38

All: -119.486+/-92.160 χ^2/NDF : 83.4/75

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.075 $\pm$ 0.112 χ^2 /NDF: 2033396.0/20

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

Left In: 601.935 $\pm$ 0.112 χ^2 /NDF: 2305010.3/19

Left: 604.505 $\pm$ 0.079 χ^2 /NDF: 4339460.4/40

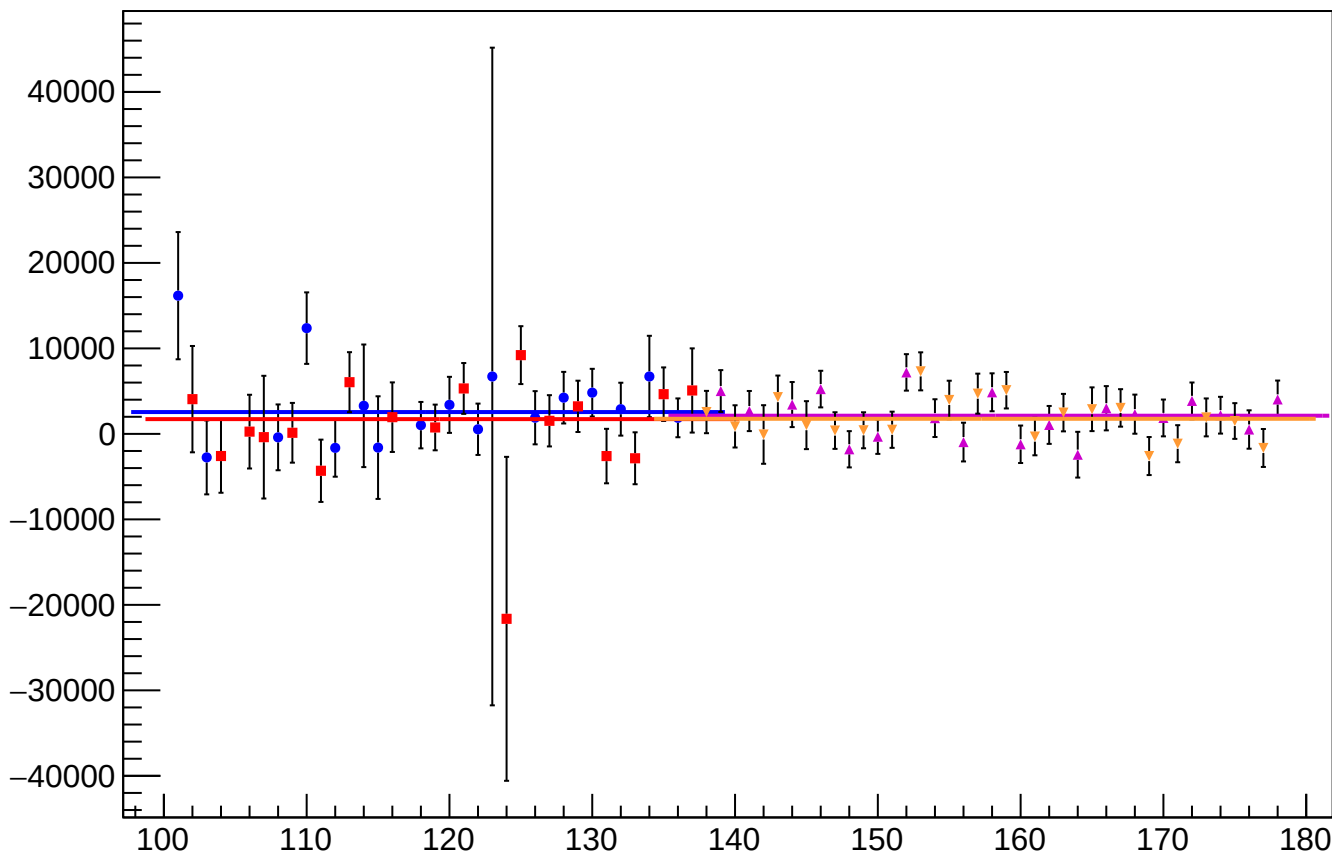
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 601.357 $\pm$ 0.094 χ^2 /NDF: 3686151.2/36

Out: 571.973 $\pm$ 0.090 χ^2 /NDF: 5074843.5/38

All: 586.034 $\pm$ 0.065 χ^2 /NDF: 8811730.3/75

asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2125.920 $\pm$ 503.423 χ^2 /NDF: 25.3/19

Left: 1944.670 $\pm$ 354.939 χ^2 /NDF: 49.1/40

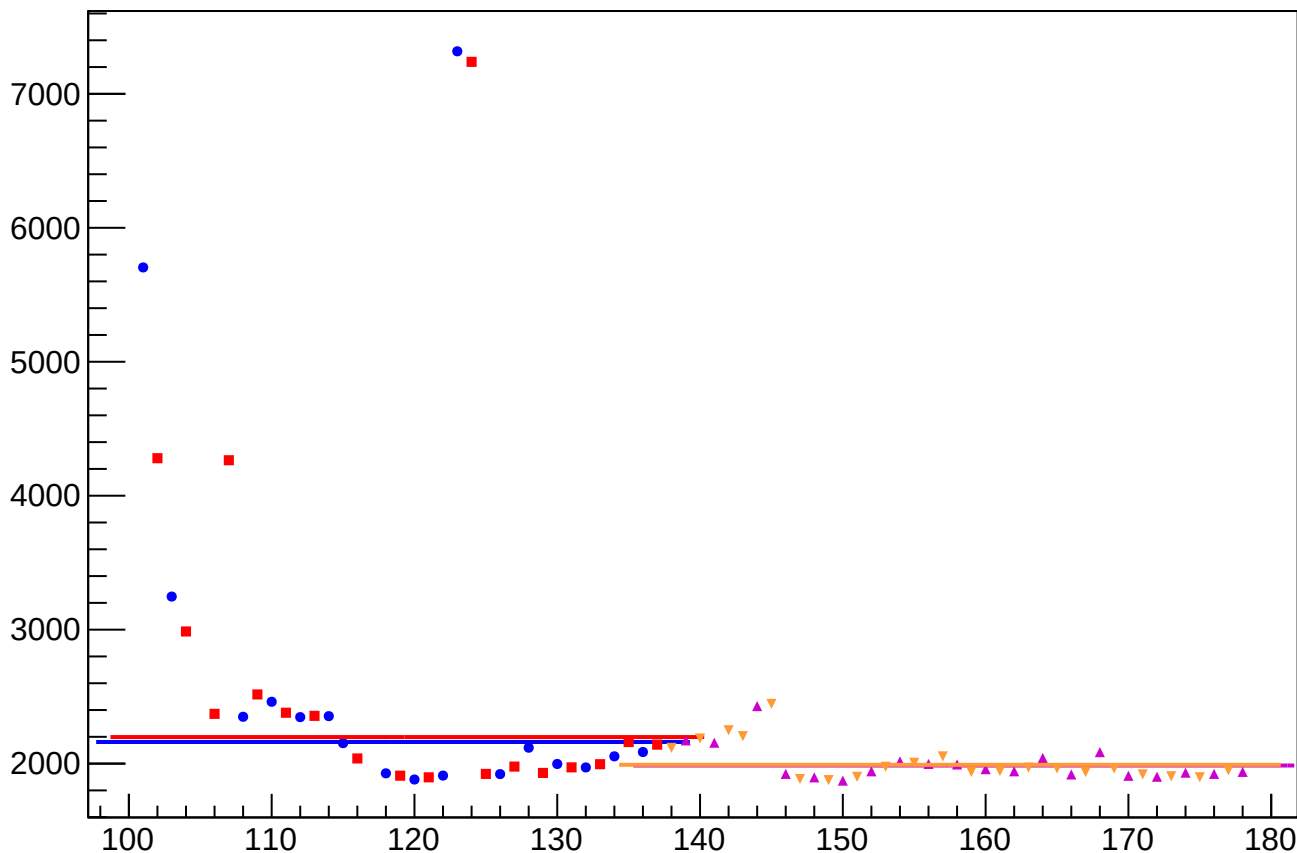
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2235.276 $\pm$ 434.318 χ^2 /NDF: 41.2/36

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

All: 1994.186 $\pm$ 306.273 χ^2 /NDF: 84.9/75

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1985.820 $\pm$ 0.356 χ^2 /NDF: 108016.7/19

Left: 1988.424 $\pm$ 0.251 χ^2 /NDF: 234208.1/40

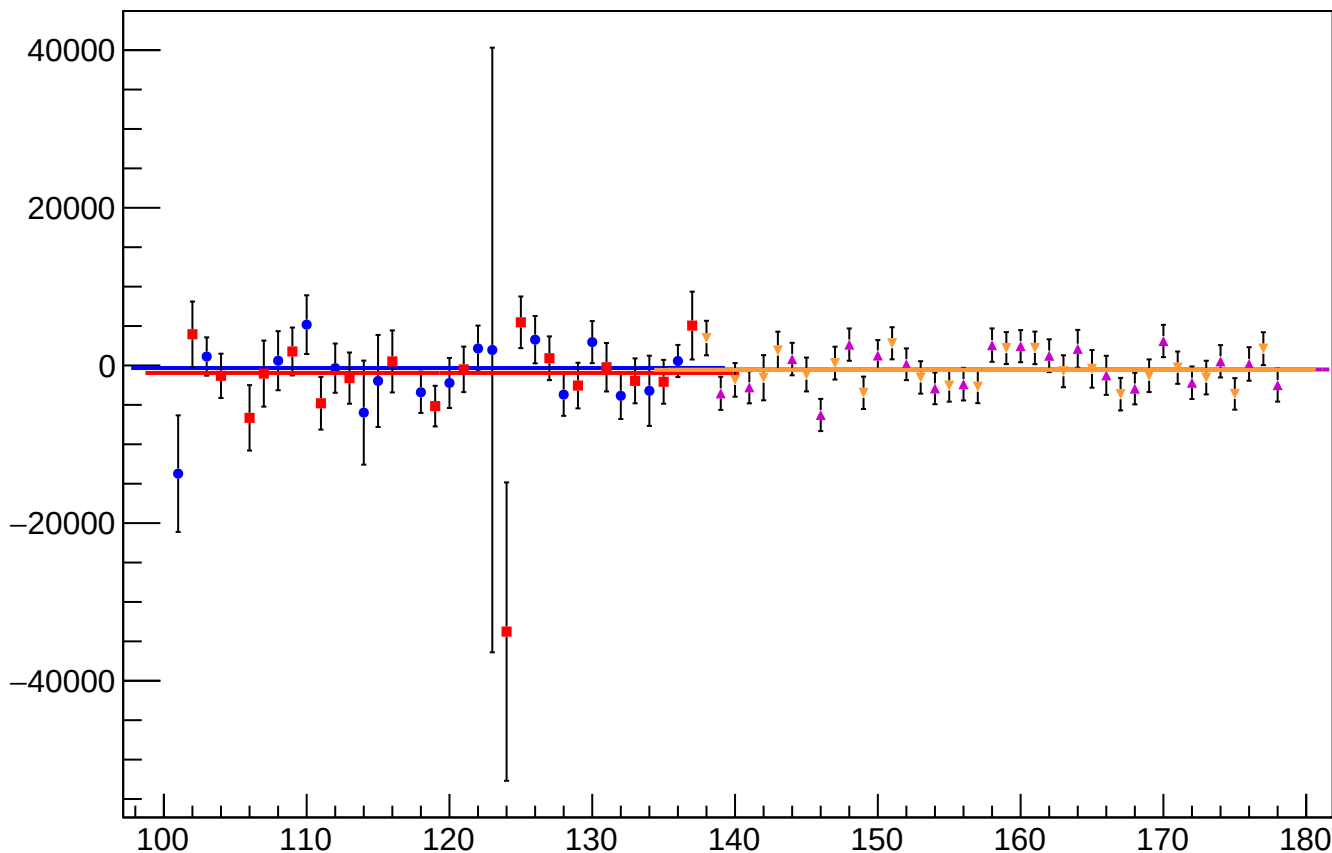
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2030.720 $\pm$ 0.307 χ^2 /NDF: 881489.8/36

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

All: 2037.327 $\pm$ 0.217 χ^2 /NDF: 1829814.3/75

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -563.228+/-463.567 χ^2/NDF : 22.4/20

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

Left In: -509.908+/-465.834 χ^2/NDF : 29.9/19

Left: -536.698+/-328.590 χ^2/NDF : 52.3/40

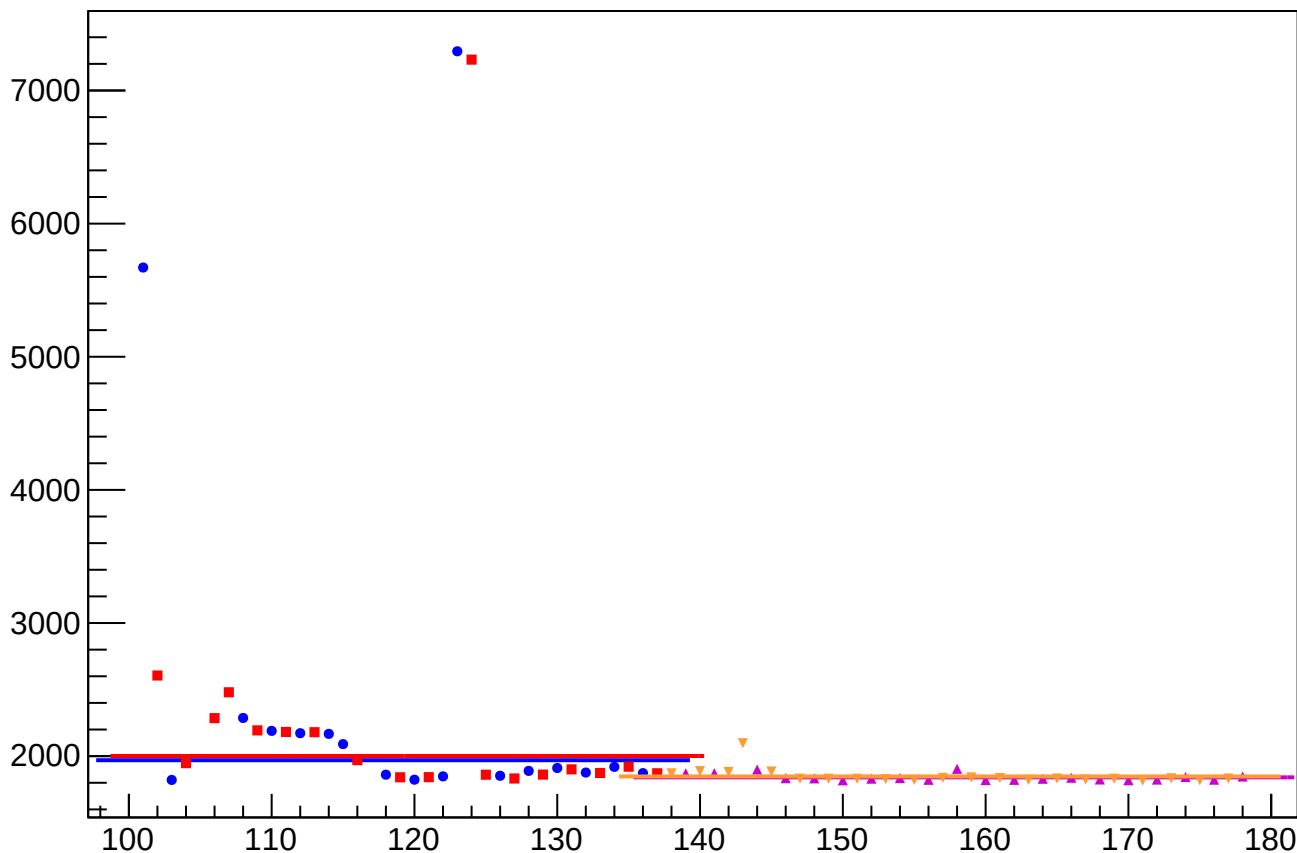
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -460.918+/-399.872 χ^2/NDF : 45.7/36

Out: -666.410+/-397.187 χ^2/NDF : 40.8/38

All: -564.356+/-281.798 χ^2/NDF : 86.6/75

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1840.665+/-0.329 χ^2/NDF : 5902.2/19

Left: 1844.097+/-0.232 χ^2/NDF : 32400.1/40

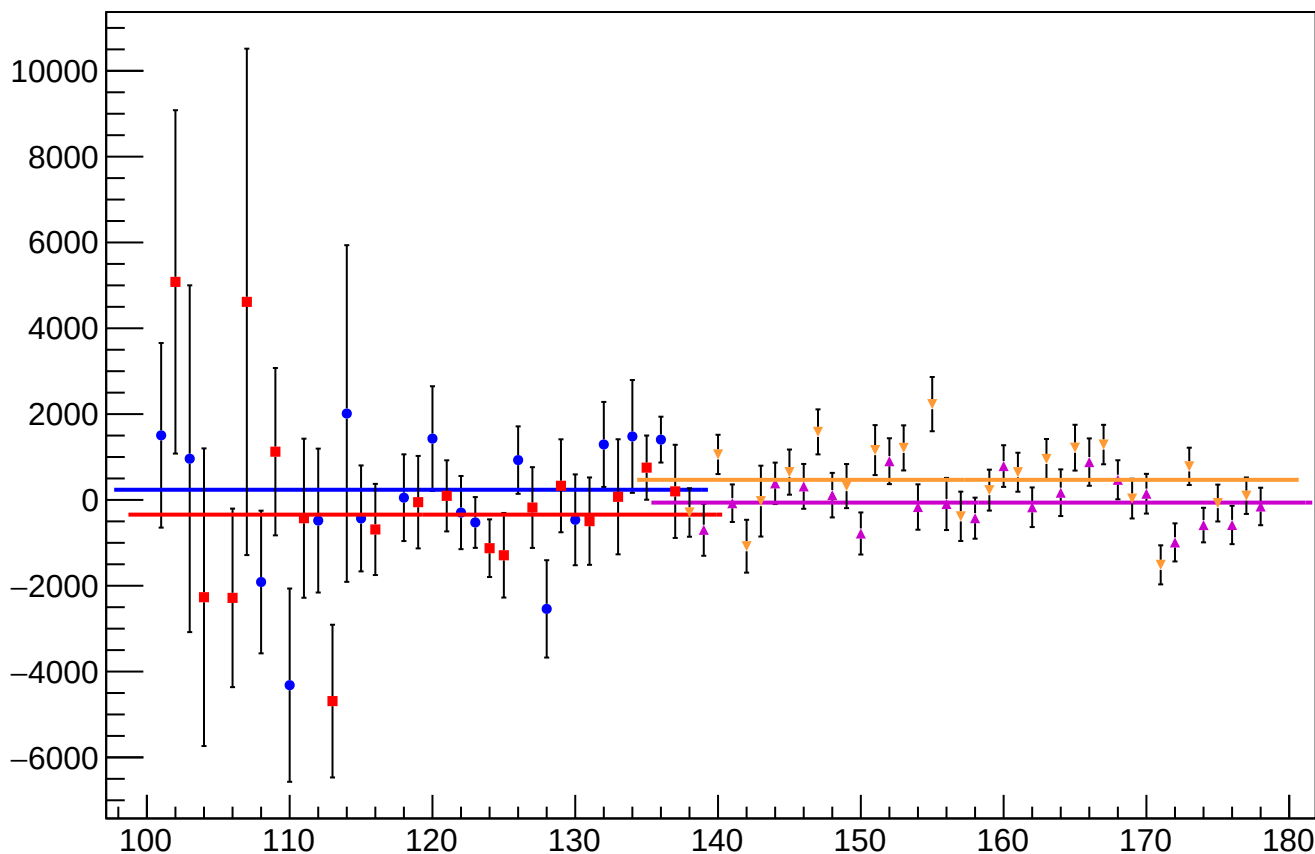
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1874.566+/-0.283 χ^2/NDF : 648965.5/36

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

All: 1881.508+/-0.199 χ^2/NDF : 1025513.4/75

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -62.514 $\pm$ 108.797 χ^2 /NDF:23.9/19

Left: 200.486 $\pm$ 77.283 χ^2 /NDF: 93.3/40

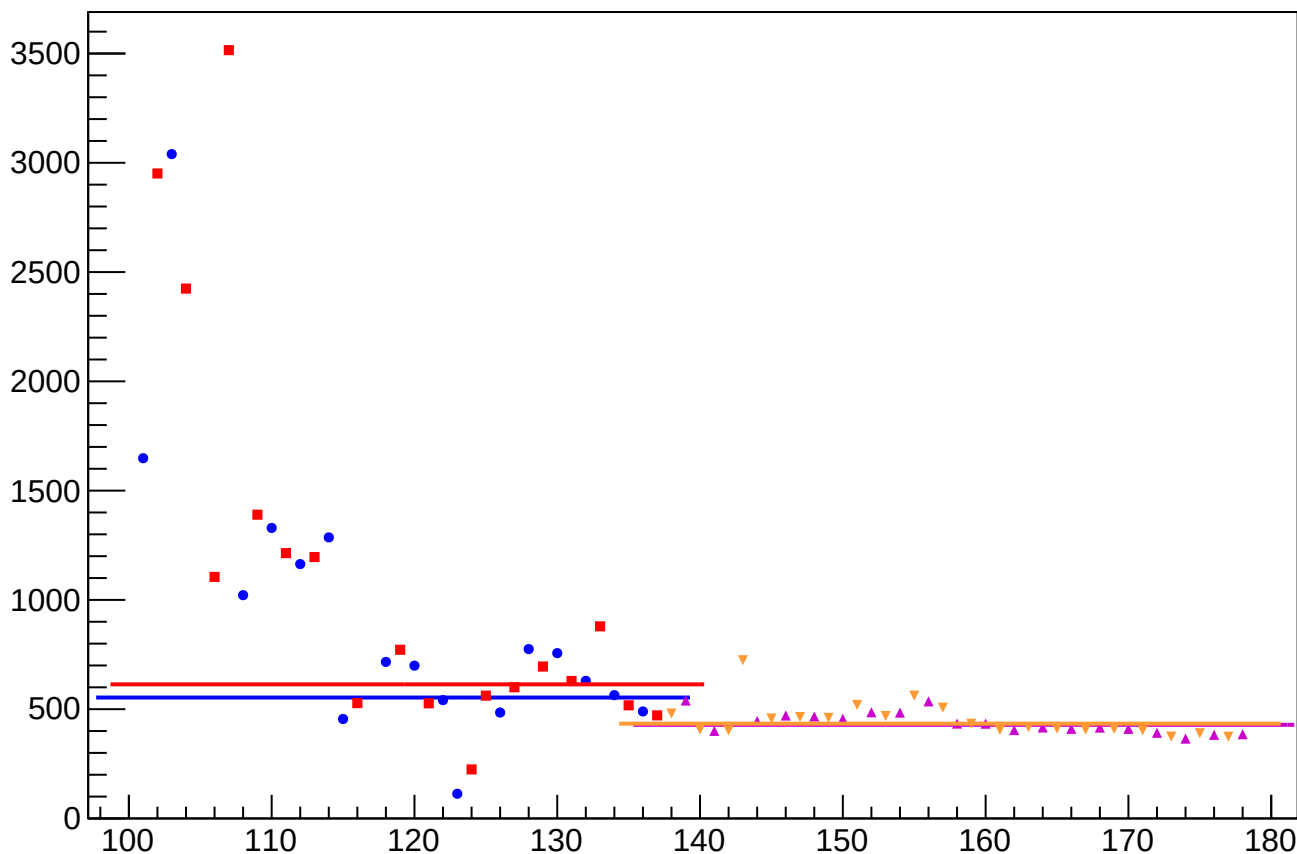
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: -14.393 $\pm$ 99.671 χ^2 /NDF:49.0/36

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

All: 165.327 $\pm$ 71.162 χ^2 /NDF: 137.0/75

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 433.826+/-0.078 χ^2/NDF : 589062.3/20

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

Left In: 428.404+/-0.077 χ^2/NDF : 333343.5/19

Left: 431.090+/-0.055 χ^2/NDF : 924867.3/40

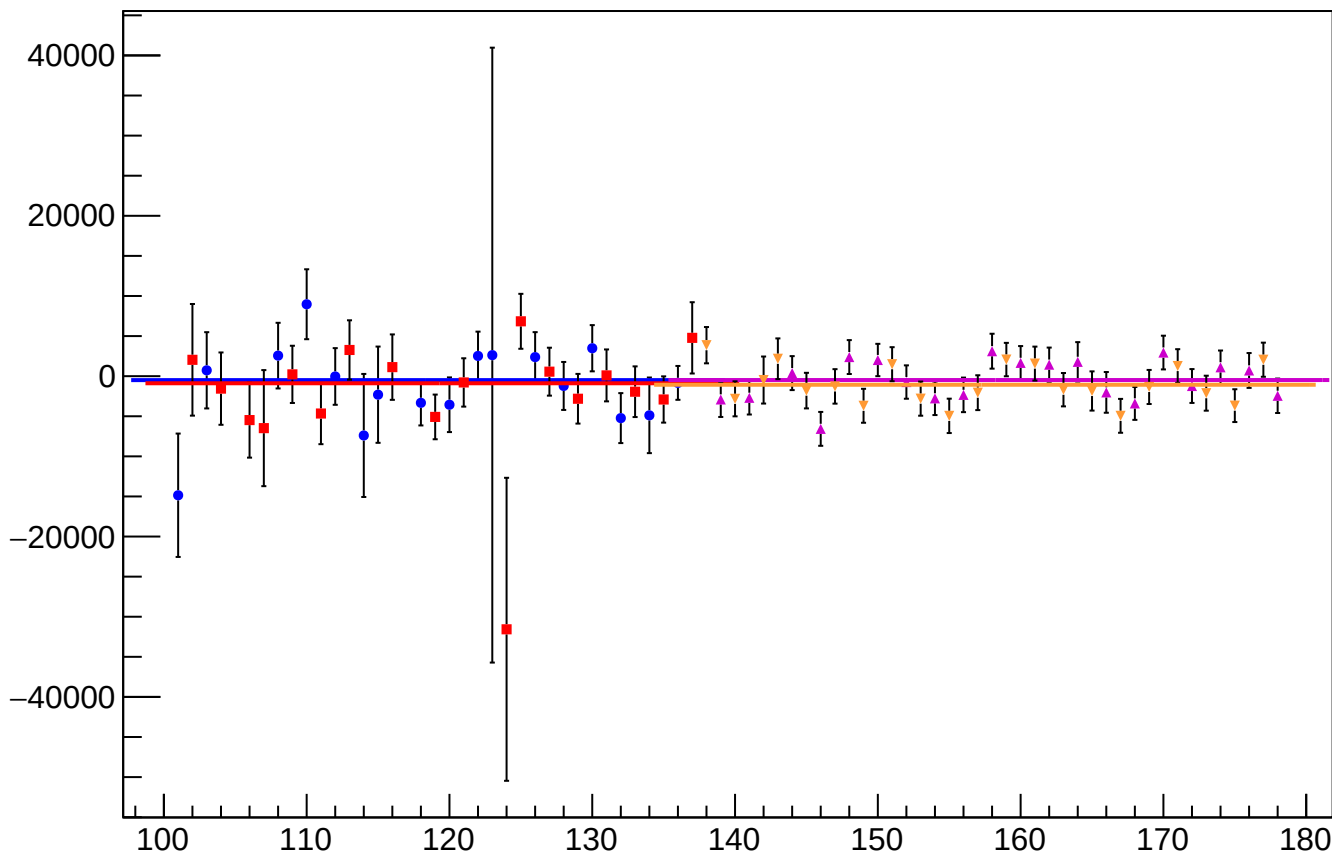
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 448.476+/-0.070 χ^2/NDF : 4169609.5/36

Out: 459.566+/-0.072 χ^2/NDF : 4832983.3/38

All: 453.913+/-0.050 χ^2/NDF : 9014732.3/75

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -481.599+/-479.028 χ^2/NDF : 28.5/19

Left: -776.379+/-338.189 χ^2/NDF : 56.2/40

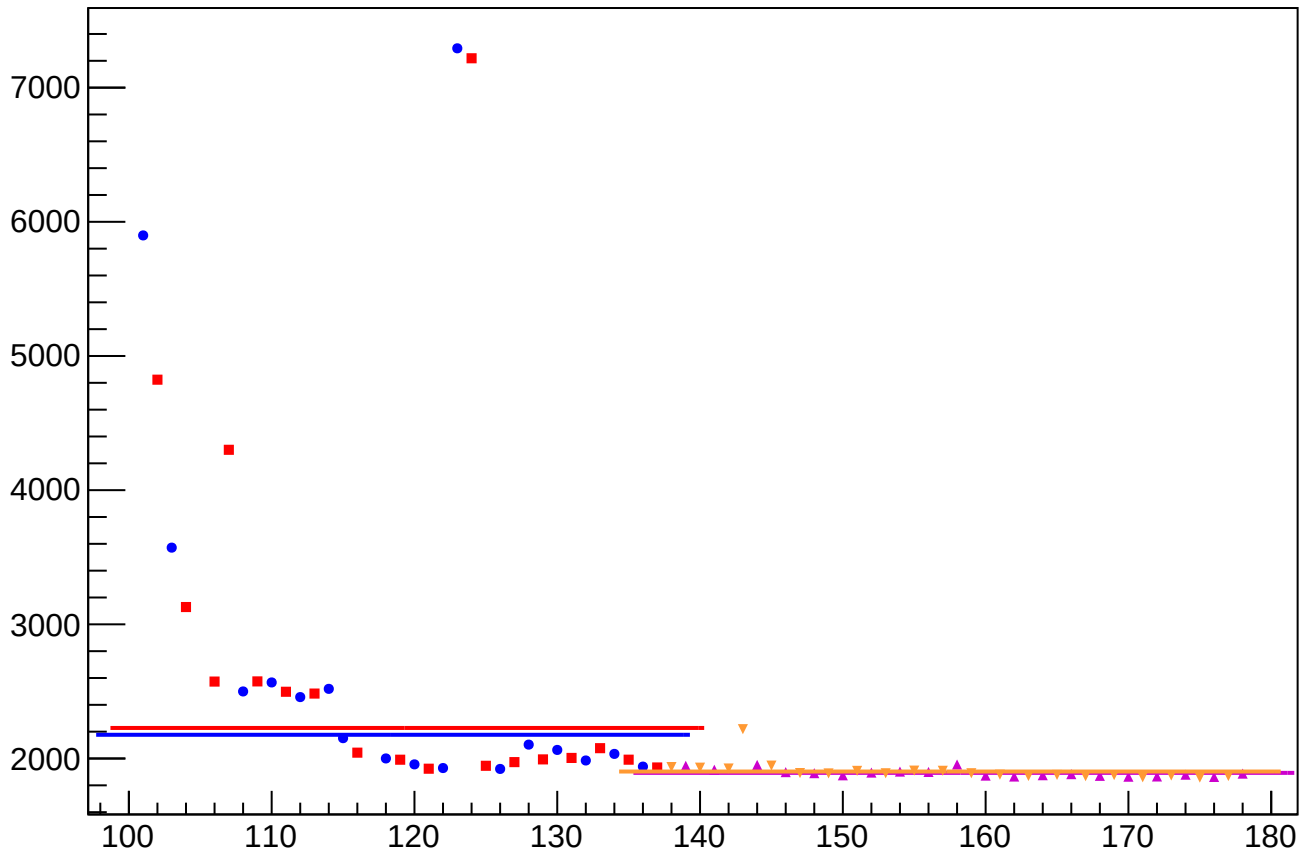
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -484.013+/-419.398 χ^2/NDF : 47.0/36

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

All: -755.825+/-296.246 χ^2/NDF : 92.1/75

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1892.937+/-0.339 χ^2/NDF : 6925.9/19

Left: 1897.958+/-0.239 χ^2/NDF : 44786.6/40

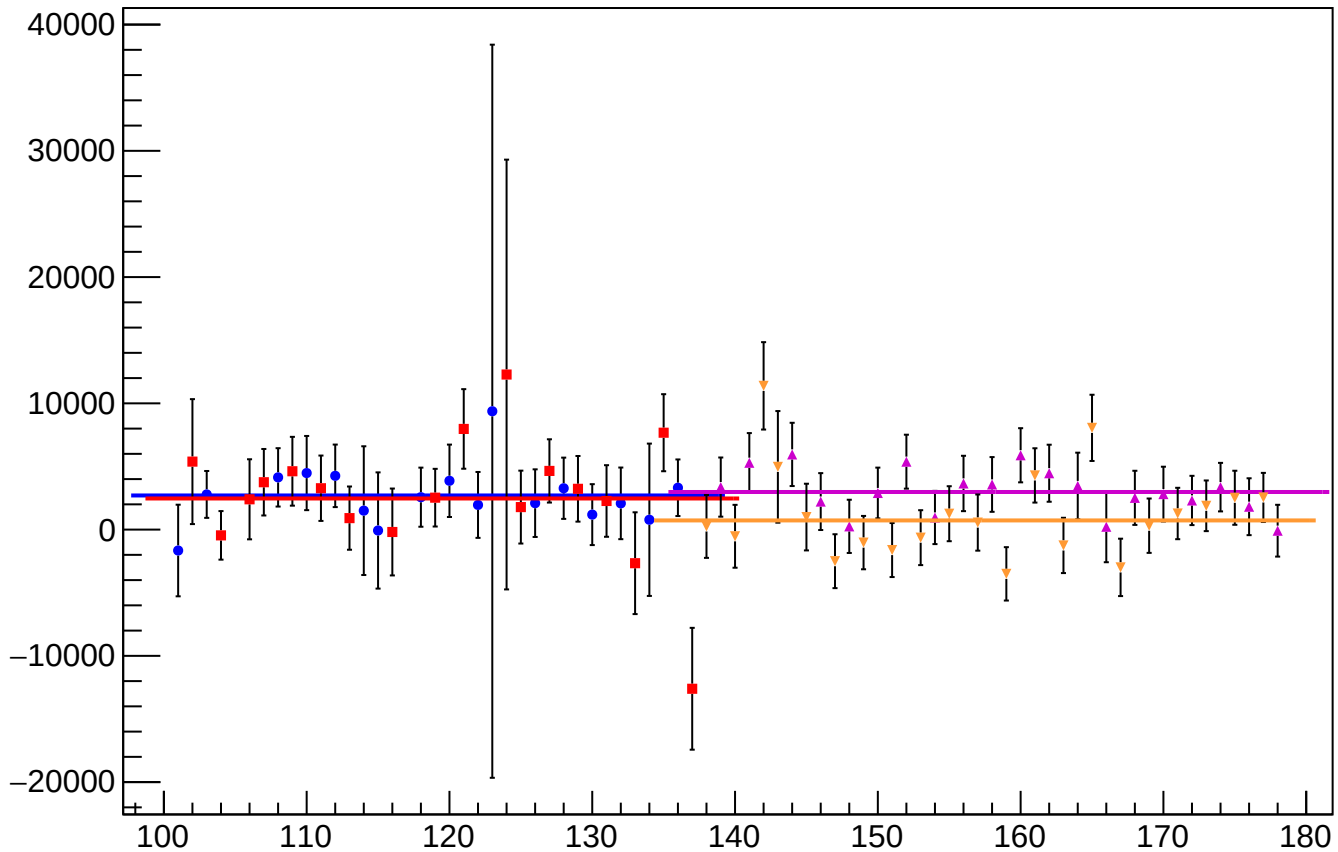
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1959.197+/-0.297 χ^2/NDF : 973506.1/36

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

All: 1968.741+/-0.209 χ^2/NDF : 2053128.5/75

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 726.408 $\pm$ 496.137 χ^2 /NDF: 35.4/20

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

Left In: 2978.493 $\pm$ 491.494 χ^2 /NDF: 12.5/19

Left: 1863.038 $\pm$ 349.169 χ^2 /NDF: 58.4/40

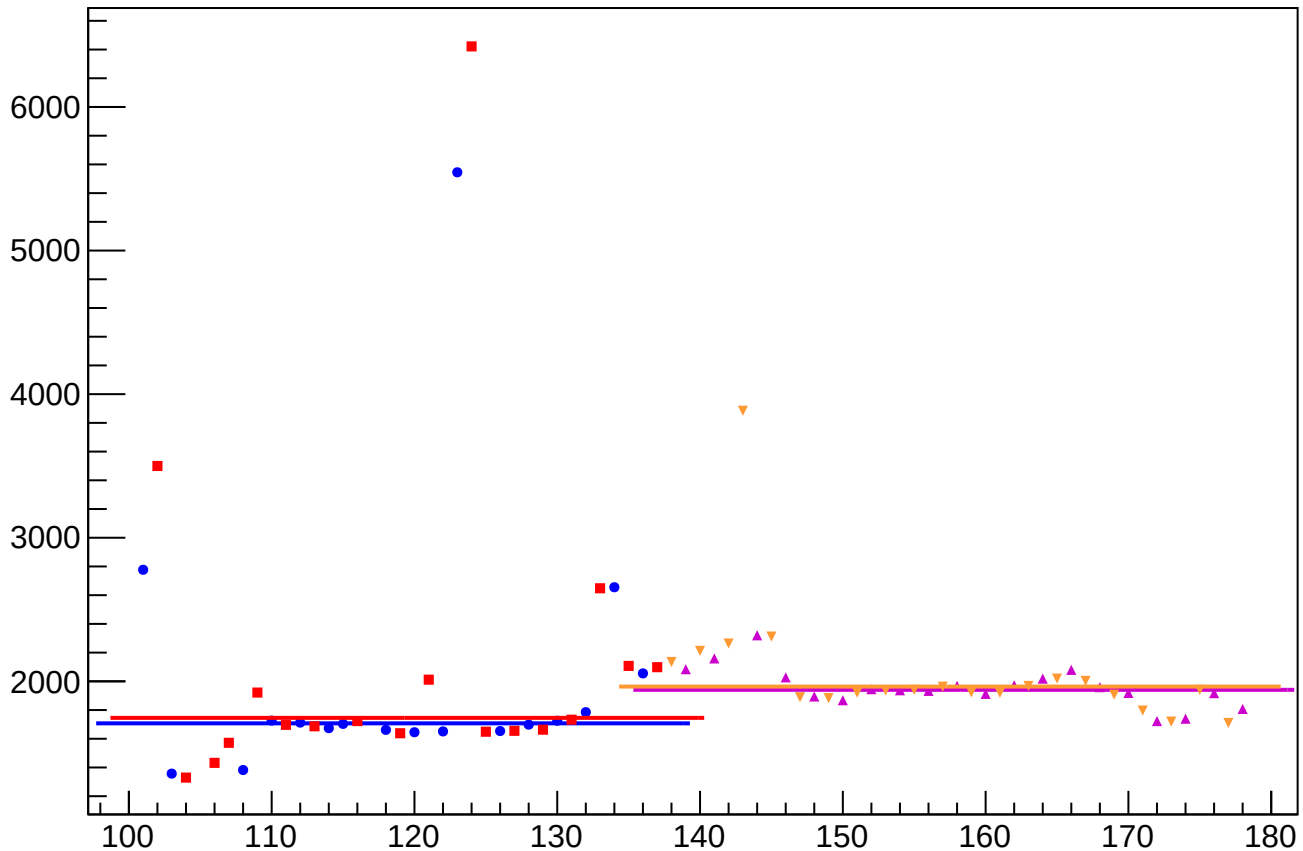
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2883.011 $\pm$ 397.100 χ^2 /NDF: 16.7/36

Out: 1326.470 $\pm$ 401.465 χ^2 /NDF: 62.9/38

All: 2113.248 $\pm$ 282.323 χ^2 /NDF: 87.1/75

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1940.836 $\pm$ 0.348 χ^2/NDF : 140835.6/19

Left: 1952.044 $\pm$ 0.247 χ^2/NDF : 687918.9/40

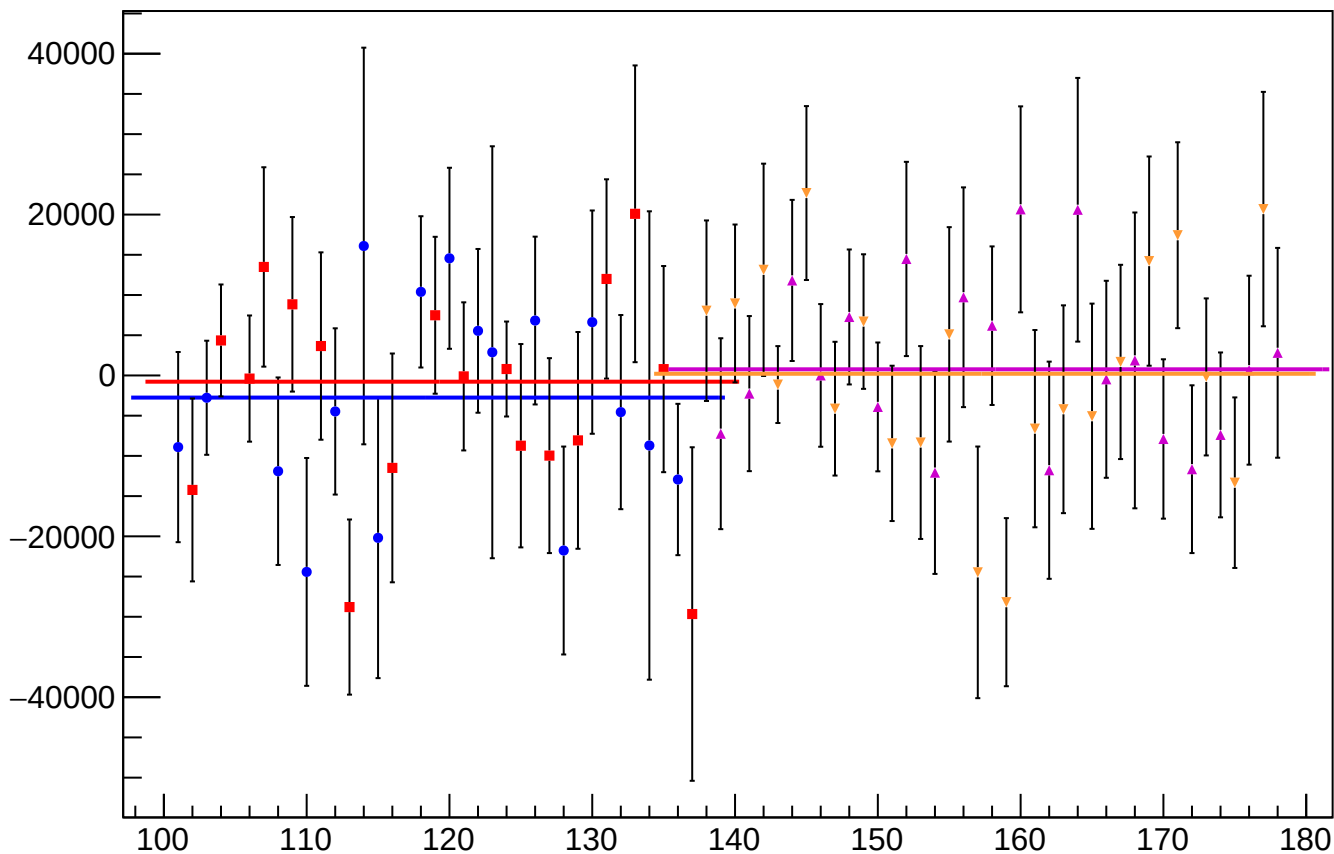
Right: 1726.210 $\pm$ 0.339 χ^2/NDF : 1124571.0/34

In: 1859.776 $\pm$ 0.281 χ^2/NDF : 719674.9/36

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

All: 1873.838 $\pm$ 0.200 χ^2/NDF : 2102215.0/75

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 209.267+/-2215.055 χ^2/NDF : 26.4/20

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

Left In: 764.942+/-2453.408 χ^2/NDF : 13.4/19

Left: 458.807+/-1644.107 χ^2/NDF : 39.8/40

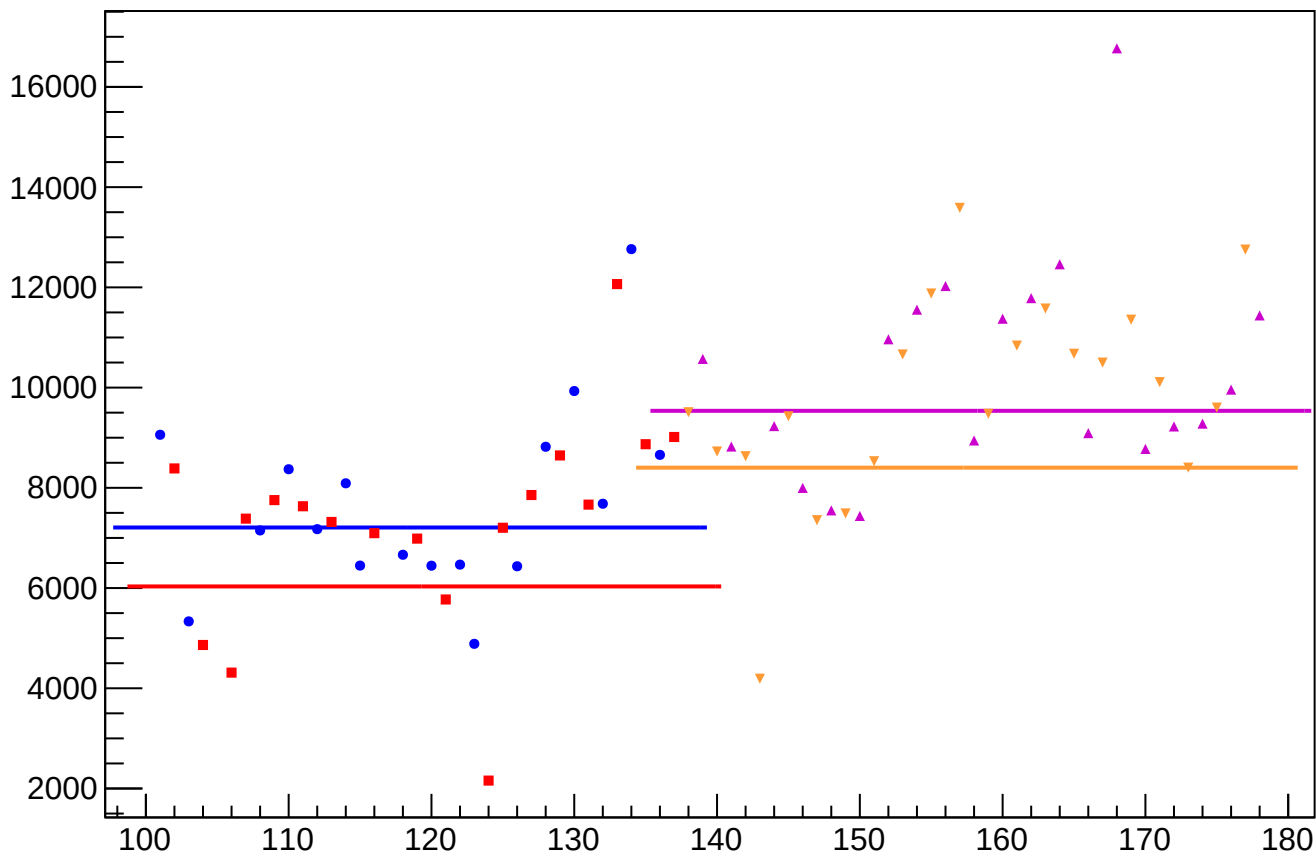
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -736.043+/-1857.245 χ^2/NDF : 28.8/36

Out: -235.222+/-1640.293 χ^2/NDF : 44.2/38

All: -454.685+/-1229.446 χ^2/NDF : 73.1/75

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 9536.635+/-1.735 χ^2/NDF : 1023080.1/19

Left: 8911.706+/-1.163 χ^2/NDF : 4018604.9/40

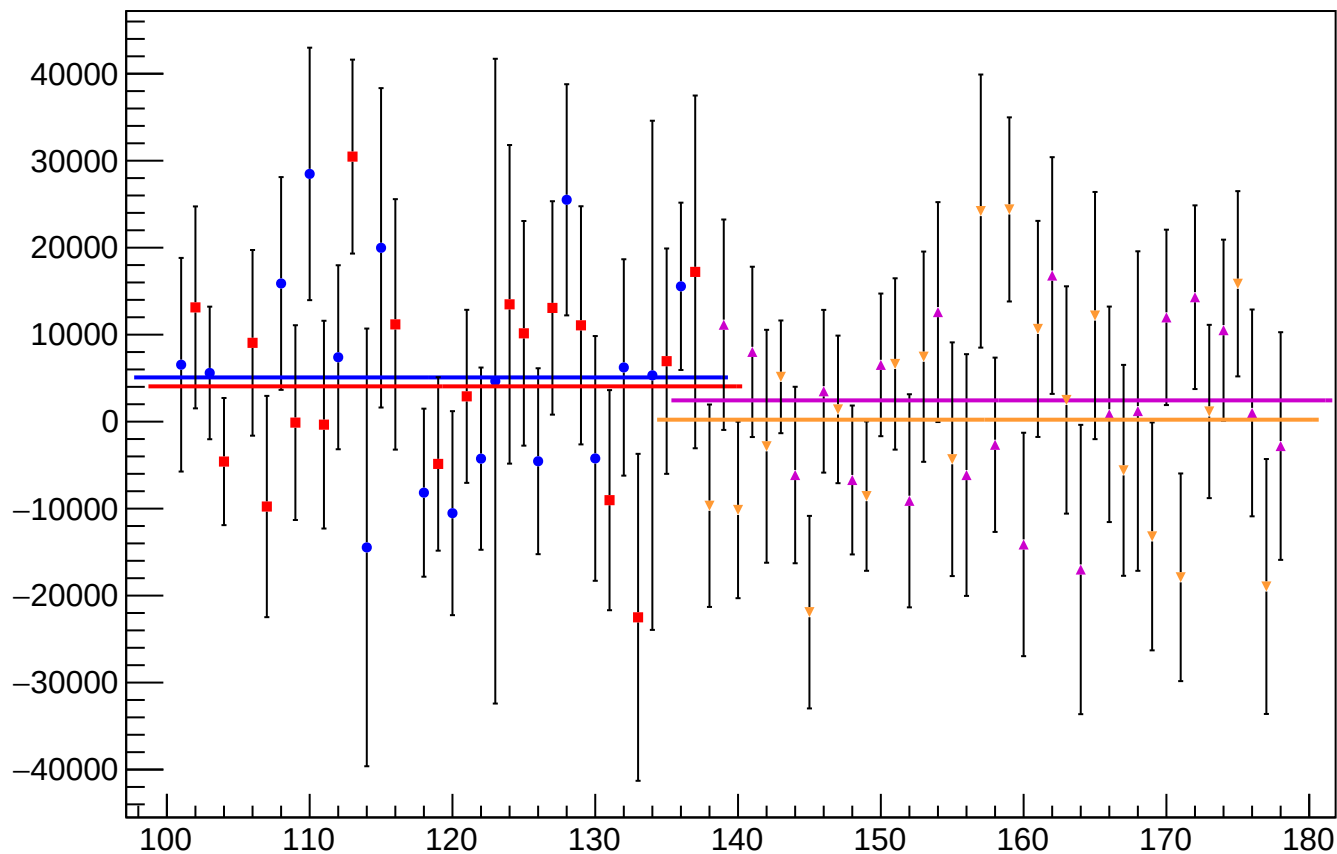
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8542.592+/-1.313 χ^2/NDF : 2285840.9/36

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

All: 7862.429+/-0.869 χ^2/NDF : 8354999.3/75

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2444.933+/-2495.998 χ^2/NDF : 12.2/19

Left: 1276.199+/-1718.046 χ^2/NDF : 37.5/40

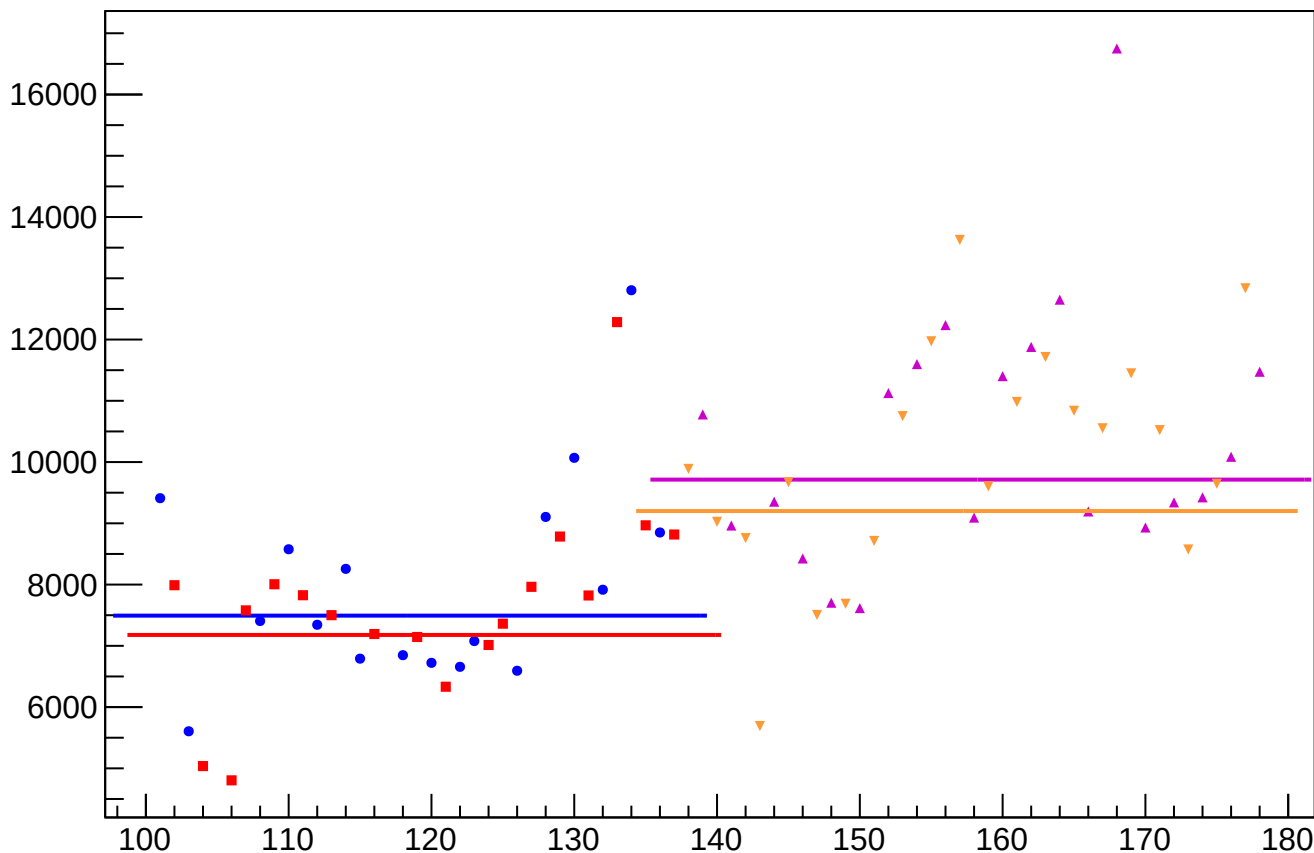
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3543.963+/-1906.871 χ^2/NDF : 26.7/36

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

All: 2637.284+/-1312.119 χ^2/NDF : 68.2/75

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9200.425+/-1.675 χ^2/NDF : 1411620.2/20

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

Left In: 9713.412+/-1.765 χ^2/NDF : 952440.7/19

Left: 9443.470+/-1.215 χ^2/NDF : 2408515.6/40

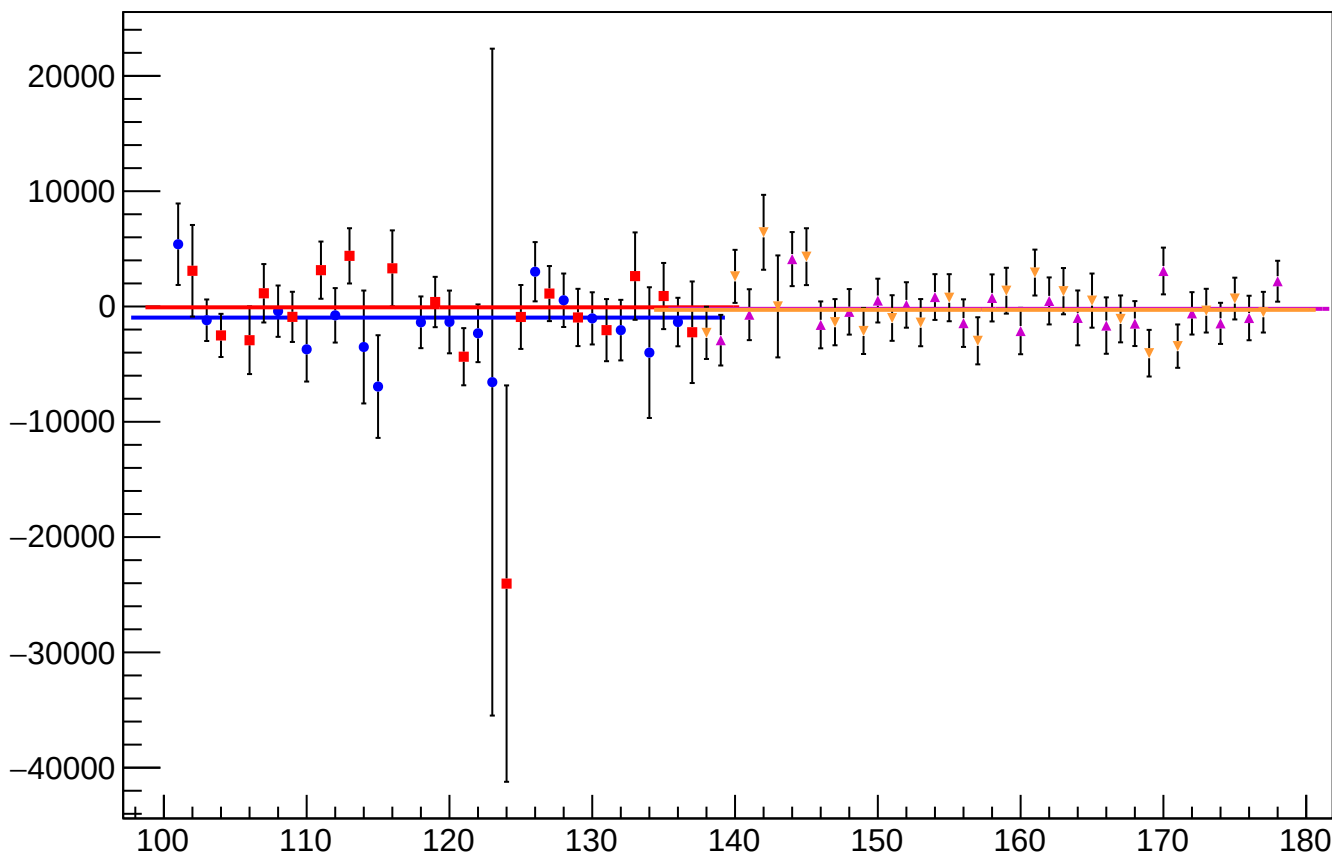
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8788.887+/-1.348 χ^2/NDF : 2048561.8/36

Out: 8356.756+/-1.279 χ^2/NDF : 2575950.1/38

All: 8561.353+/-0.928 χ^2/NDF : 4678594.8/75

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -203.059 $\pm$ 452.190 χ^2 /NDF:13.5/19

Left: -245.983 $\pm$ 321.610 χ^2 /NDF: 38.1/40

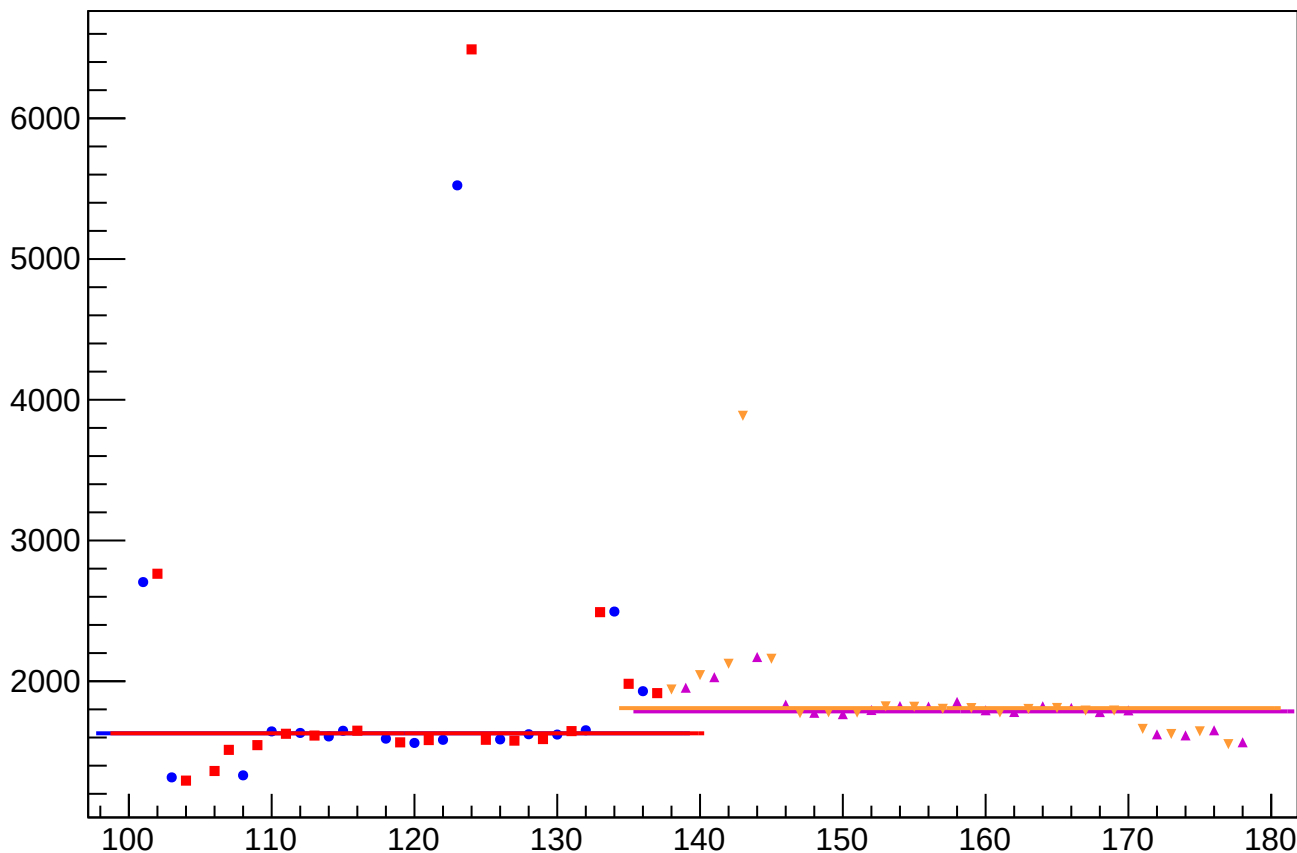
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -454.364 $\pm$ 369.887 χ^2 /NDF:24.5/36

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

All: -335.135 $\pm$ 261.971 χ^2 /NDF: 66.1/75

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1785.708+/-0.320 χ^2/NDF : 170310.7/19

Left: 1797.186+/-0.227 χ^2/NDF : 793462.0/40

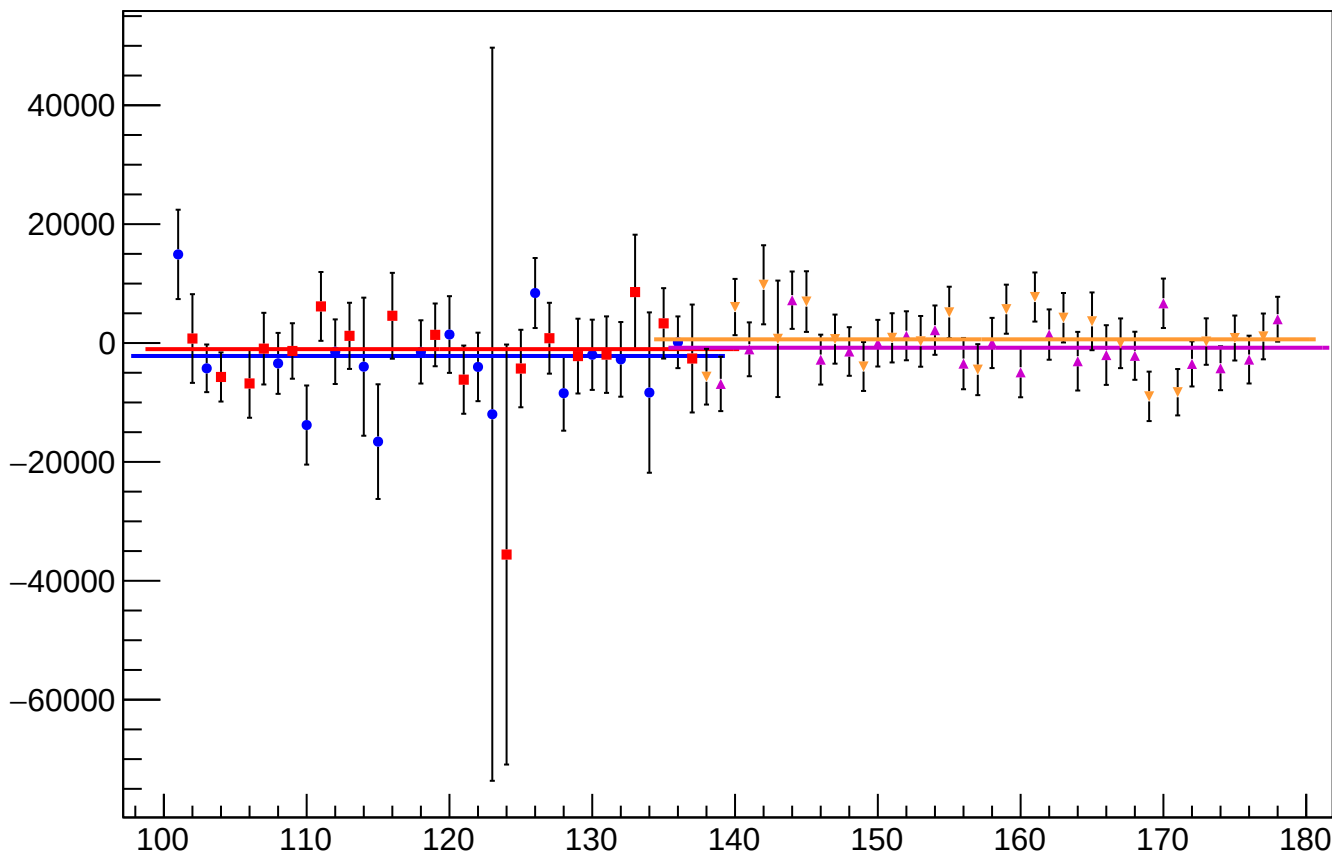
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1734.170+/-0.262 χ^2/NDF : 656976.7/36

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

All: 1740.913+/-0.185 χ^2/NDF : 1941047.5/75

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 623.831 ± 952.683 χ^2/NDF : 26.5/20

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

Left In: -792.774 ± 938.762 χ^2/NDF : 14.1/19

Left: -94.898 ± 668.672 χ^2/NDF : 41.7/40

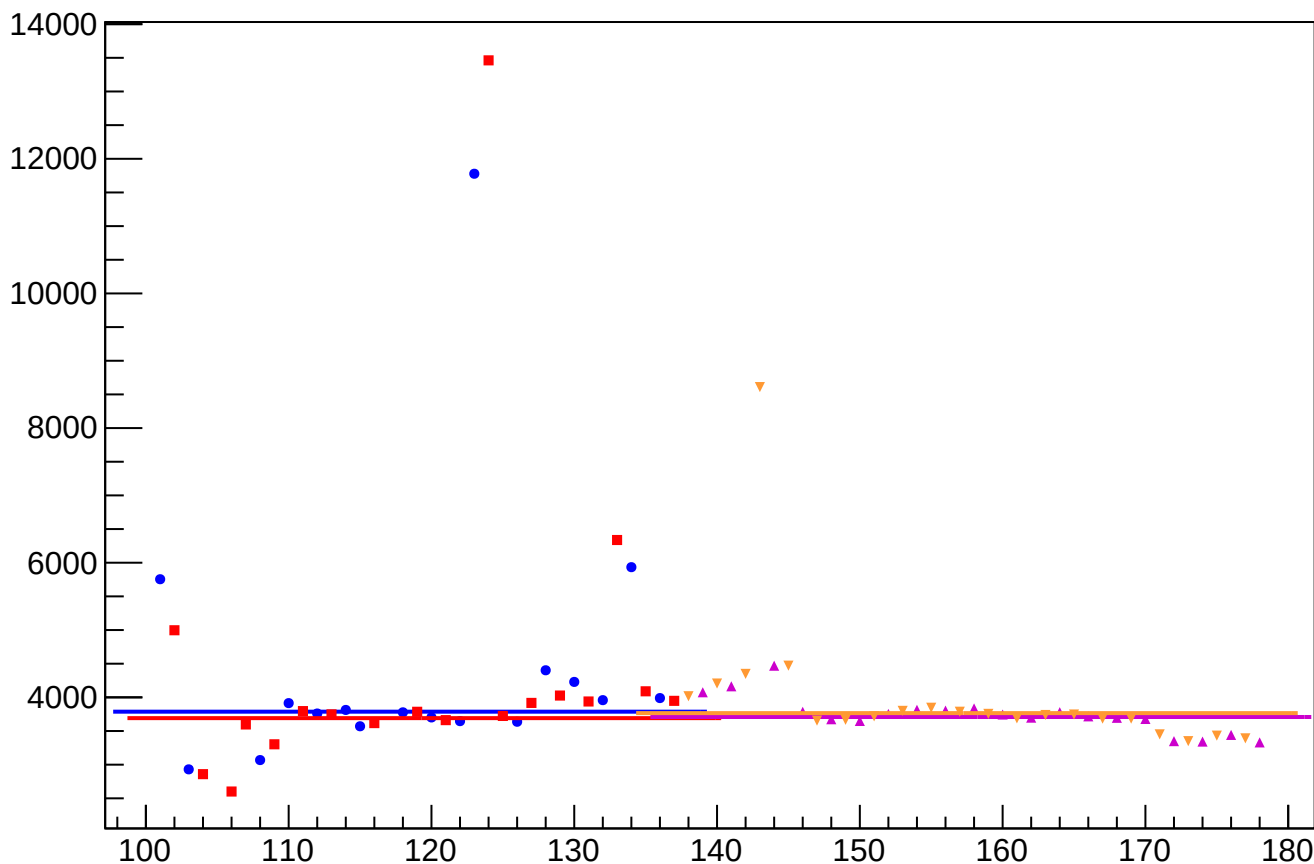
Right: -1583.224 ± 1037.341 χ^2/NDF : 24.9/34

In: -1185.604 ± 794.721 χ^2/NDF : 30.7/36

Out: 122.380 ± 794.930 χ^2/NDF : 36.0/38

All: -531.784 ± 562.026 χ^2/NDF : 68.1/75

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 3708.229+/-0.664 χ^2/NDF : 155508.0/19

Left: 3736.612+/-0.473 χ^2/NDF : 800961.8/40

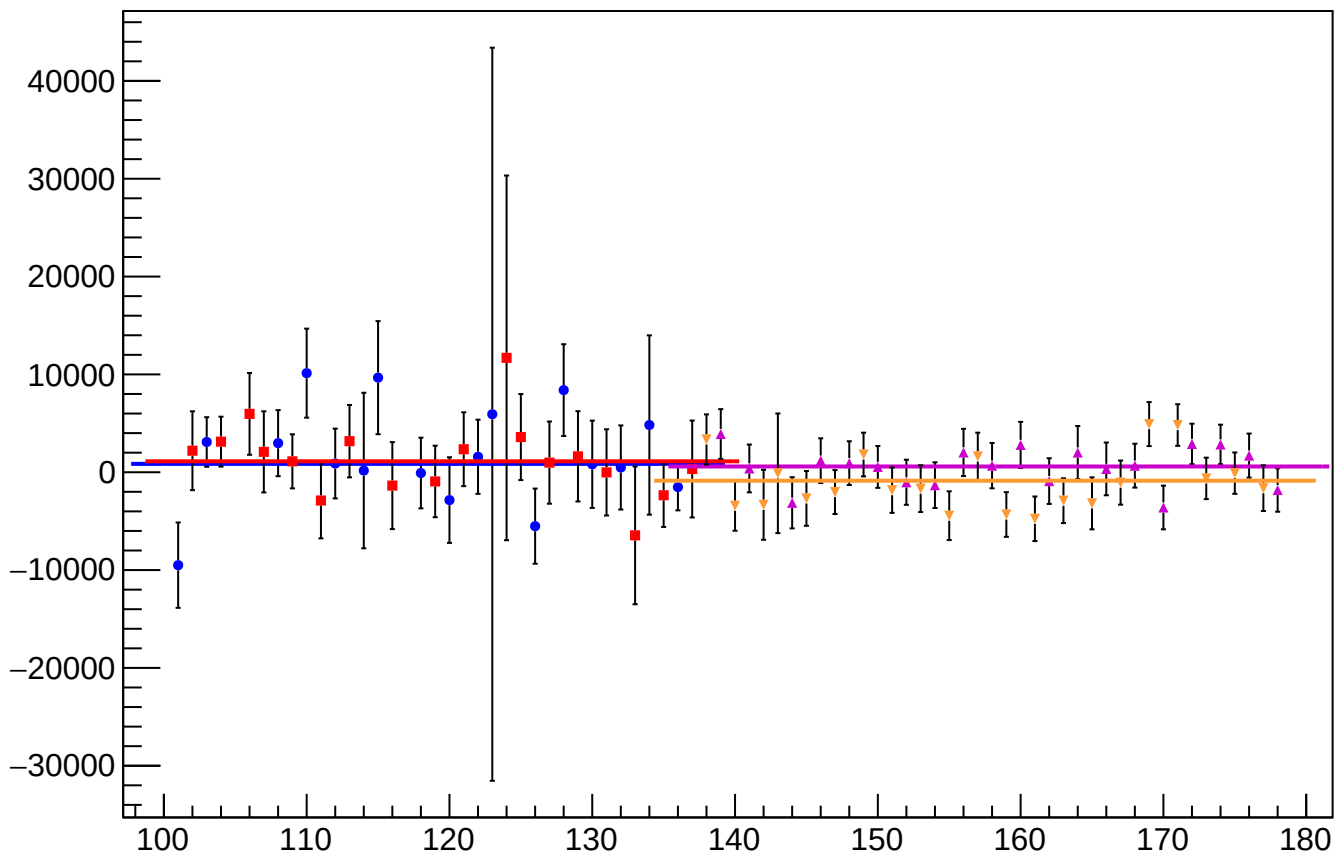
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3730.632+/-0.562 χ^2/NDF : 552179.2/36

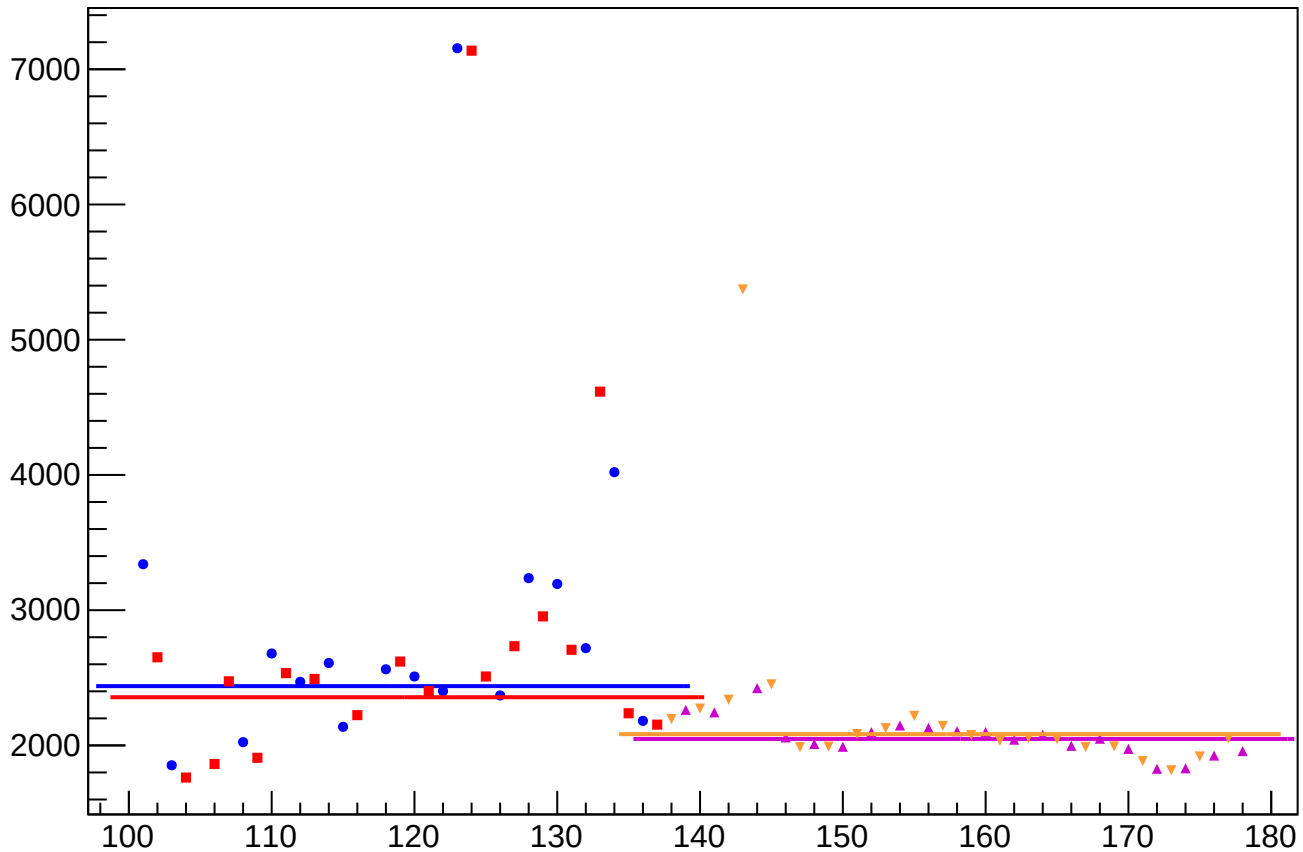
Out: 3743.184+/-0.562 χ^2/NDF : 1200624.7/38

All: 3736.906+/-0.397 χ^2/NDF : 1753053.2/75

asym_at2_dd_mean vs Slug, Sign Corrected



asym_at2_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 2047.808 ± 0.366 $\chi^2/\text{NDF}: 137797.5/19$

Left: 2065.215 ± 0.261 $\chi^2/\text{NDF}: 865501.2/40$

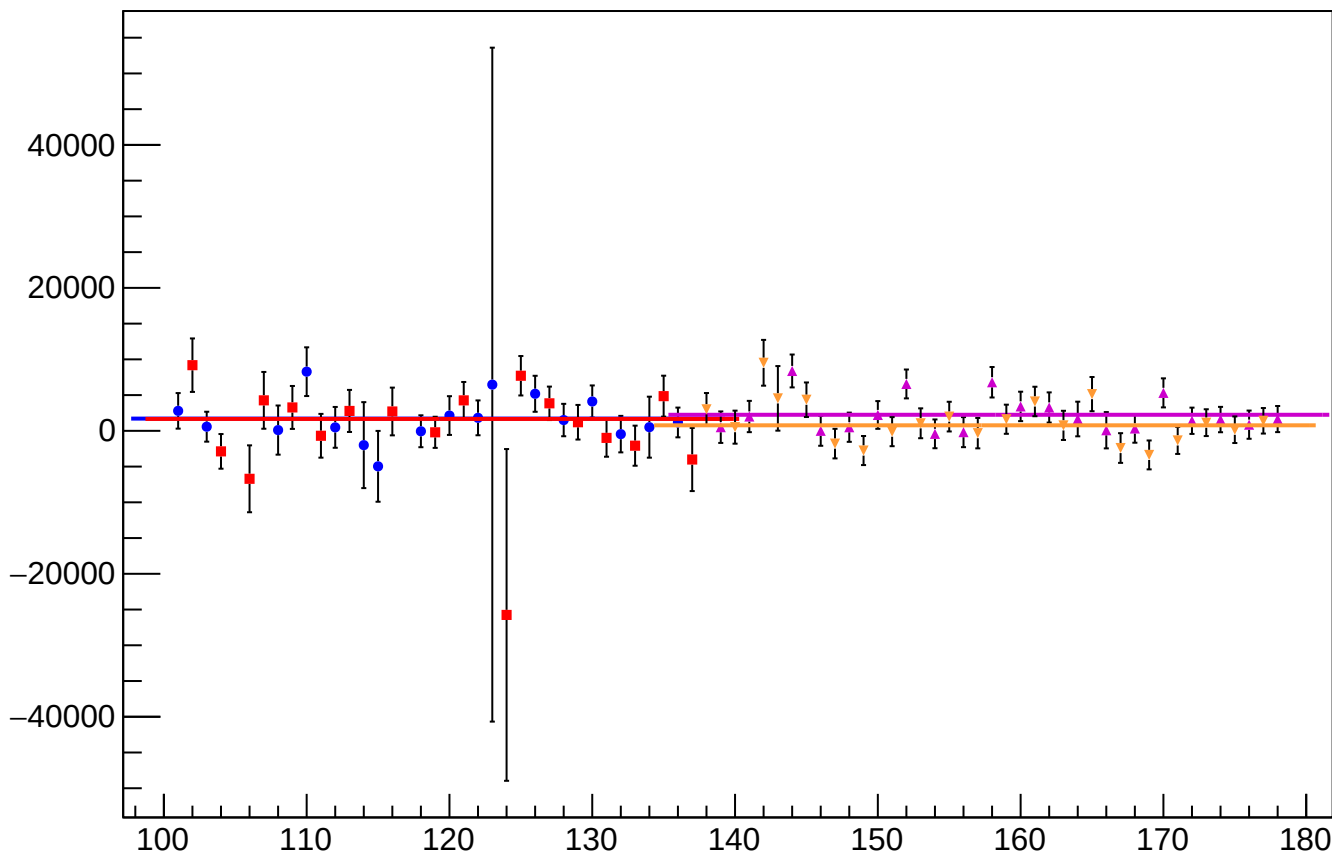
Right: 2395.716 ± 0.473 $\chi^2/\text{NDF}: 1113343.5/34$

In: 2135.259 ± 0.323 $\chi^2/\text{NDF}: 868769.8/36$

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

All: 2142.643 ± 0.229 $\chi^2/\text{NDF}: 2353162.6/75$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2246.539+/-460.022 χ^2/NDF :27.3/19

Left: 1517.785+/-326.936 χ^2/NDF : 63.2/40

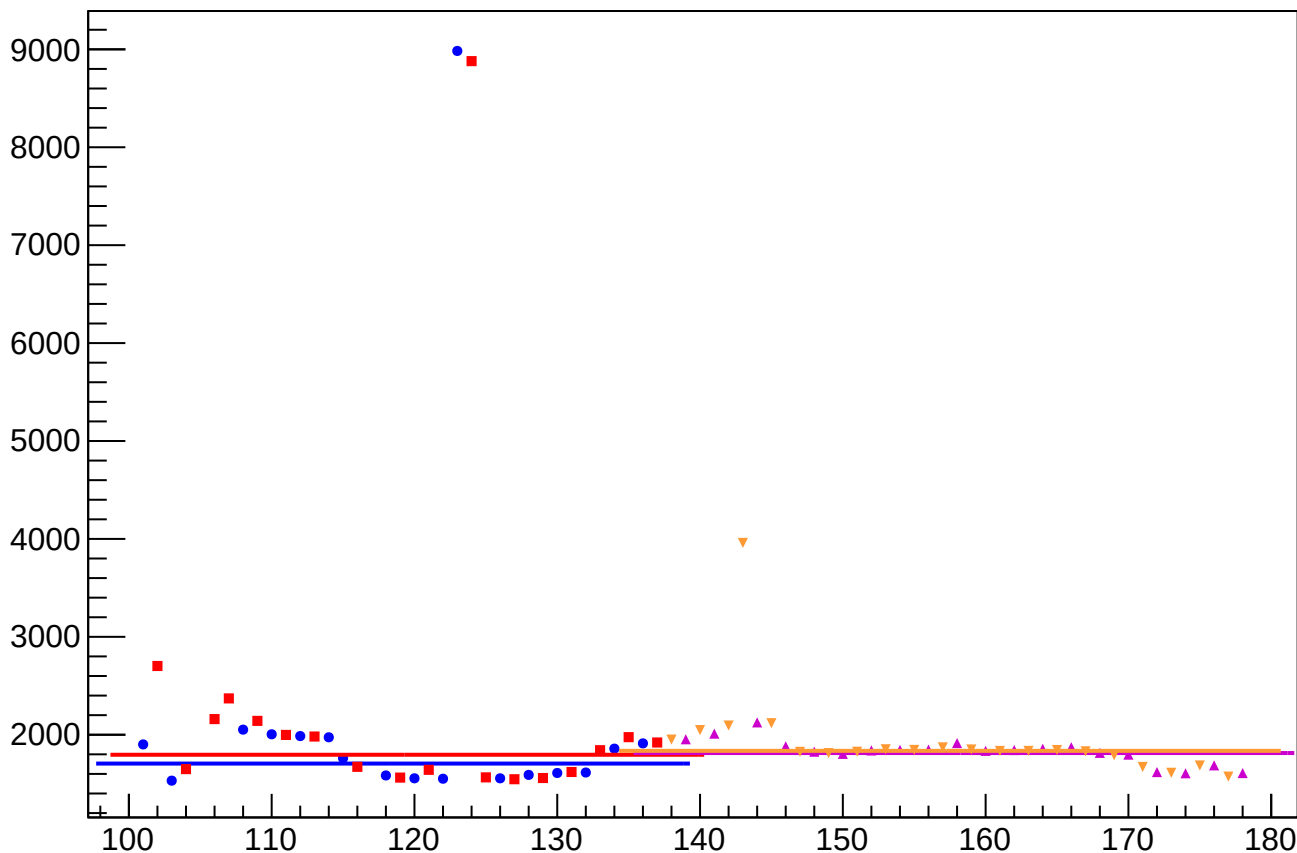
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2074.469+/-378.717 χ^2/NDF :39.1/36

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

All: 1572.110+/-270.483 χ^2/NDF : 101.5/75

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1813.143+/-0.325 χ^2/NDF : 155024.2/19

Left: 1824.241+/-0.231 χ^2/NDF : 763686.9/40

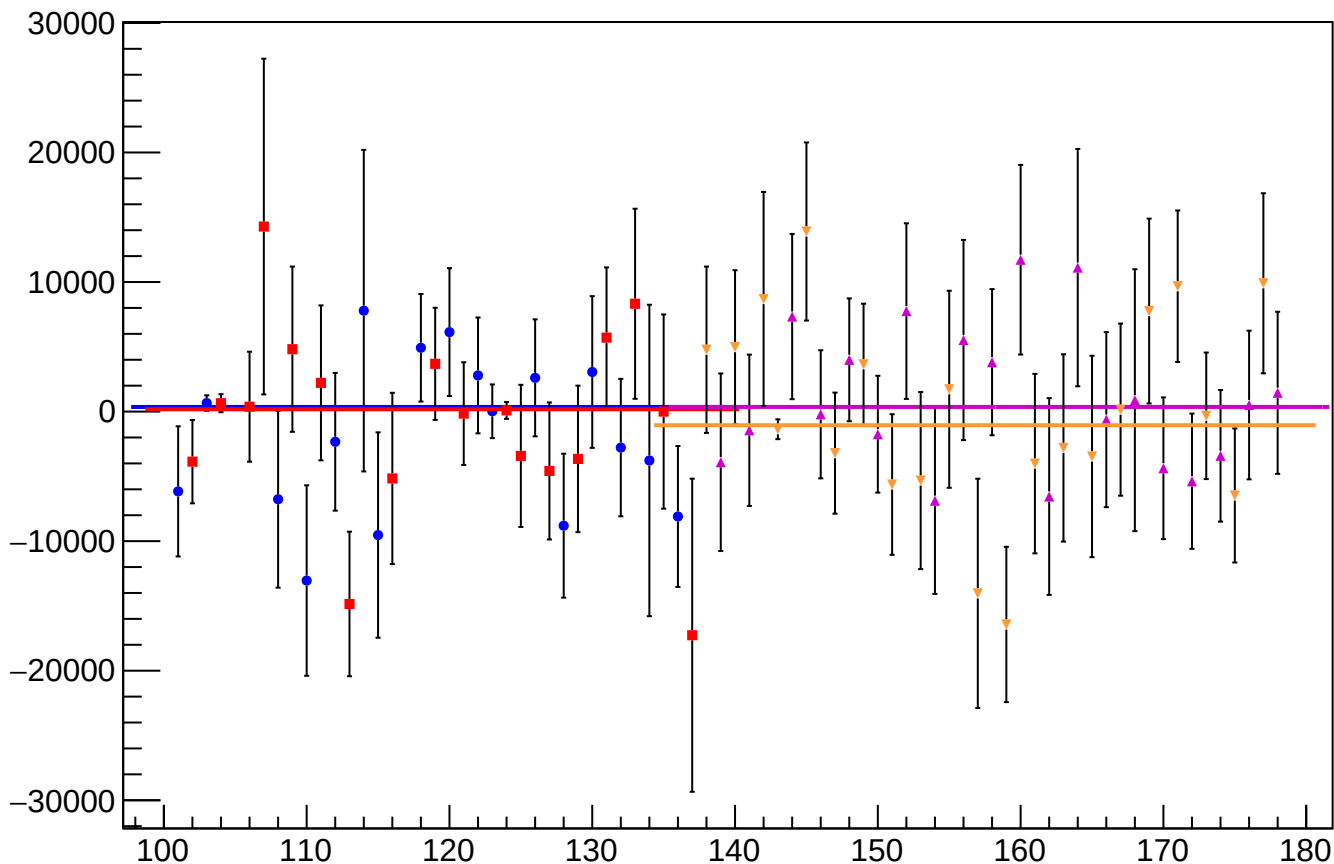
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1778.495+/-0.268 χ^2/NDF : 384405.1/36

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

All: 1800.407+/-0.191 χ^2/NDF : 1527761.2/75

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 359.491 $\pm$ 1356.392 χ^2/NDF :12.7/19

Left: -775.145 $\pm$ 600.988 χ^2/NDF : 41.8/40

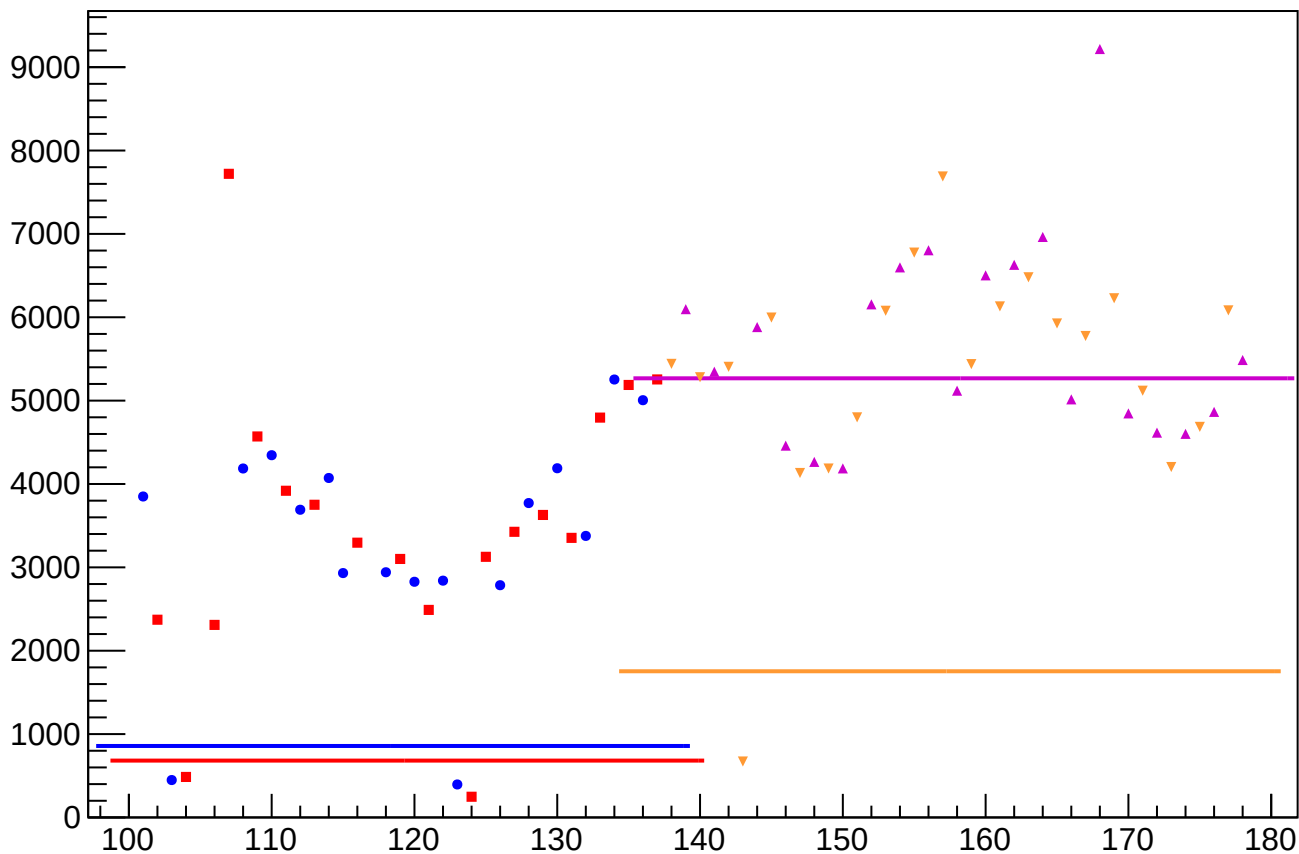
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

In: 357.355 $\pm$ 496.243 χ^2/NDF :30.2/36

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

All: 0.570 $\pm$ 297.603 χ^2/NDF : 80.1/75

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1753.607 $\pm$ 0.474 χ^2 /NDF:17862307.8/20

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

Left In: 5267.709 $\pm$ 0.959 χ^2 /NDF:1076895.9/19

Left: 2443.489 $\pm$ 0.425 χ^2 /NDF: 29727980.9/40

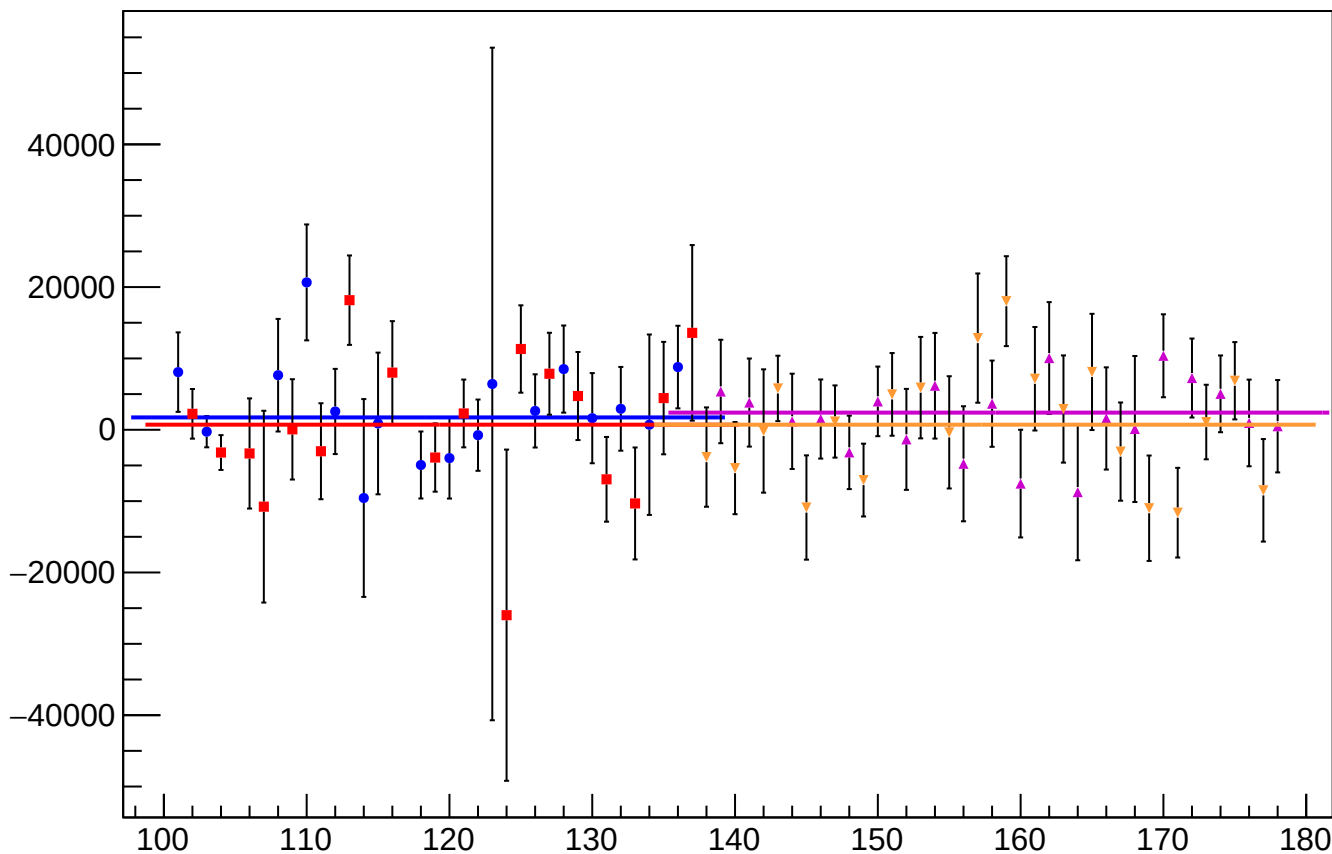
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1447.781 $\pm$ 0.351 χ^2 /NDF:27565874.6/36

Out: 1011.878 $\pm$ 0.263 χ^2 /NDF:30777735.4/38

All: 1168.653 $\pm$ 0.210 χ^2 /NDF: 59331785.5/77

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2405.239+/-1439.434 χ^2/NDF : 10.1/19

Left: 1534.490+/-1002.918 χ^2/NDF : 39.9/40

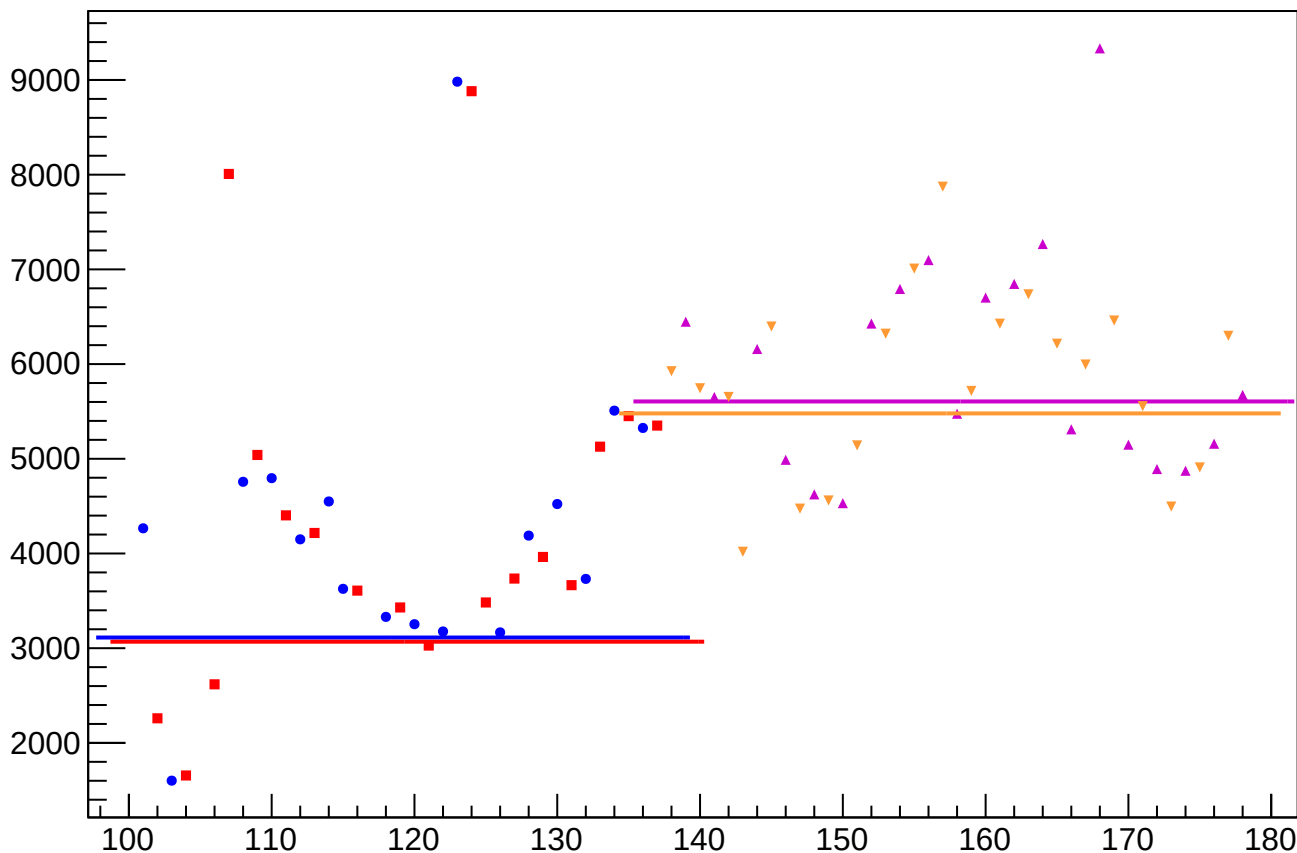
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2036.318+/-966.657 χ^2/NDF : 25.1/36

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

All: 1362.711+/-676.974 χ^2/NDF : 80.3/75

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5605.400 $\pm$ 1.018 χ^2 /NDF: 898566.4/19

Left: 5540.408 $\pm$ 0.709 χ^2 /NDF: 1822685.2/40

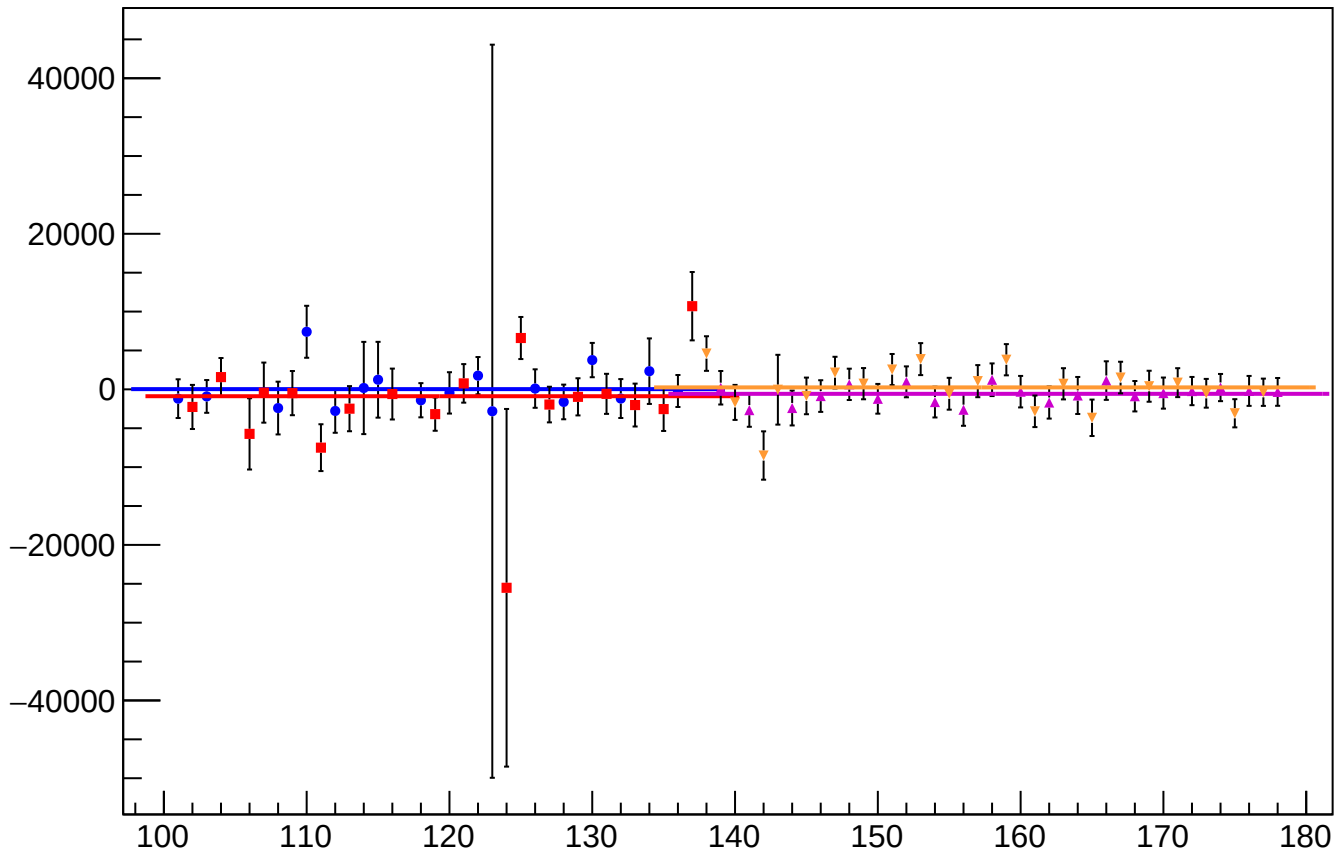
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4236.853 $\pm$ 0.684 χ^2 /NDF: 6075978.1/36

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

All: 4197.452 $\pm$ 0.477 χ^2 /NDF: 12253058.1/74

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -576.290 ± 451.492 χ^2/NDF : 6.0/19

Left: -166.438 ± 320.822 χ^2/NDF : 38.5/40

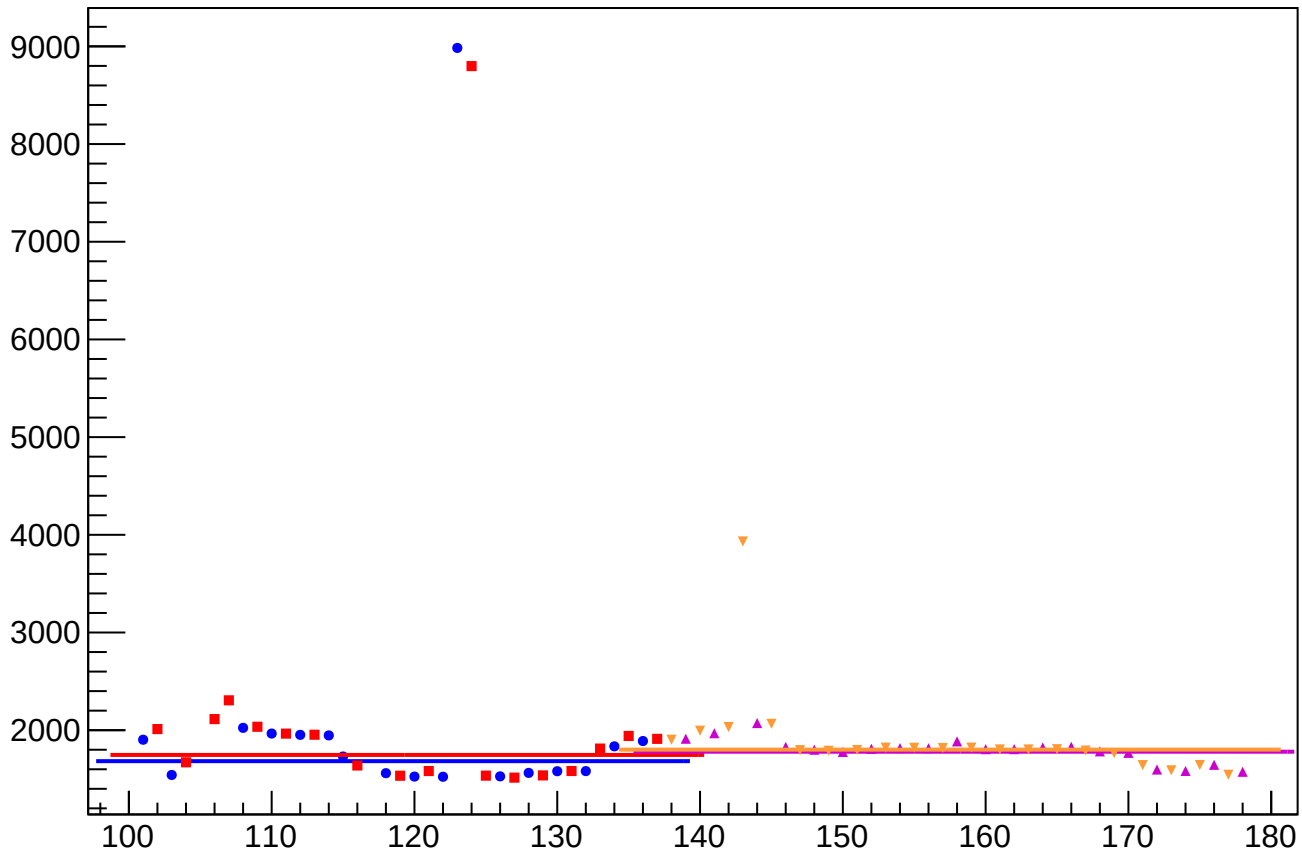
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -382.663 ± 372.355 χ^2/NDF : 18.4/36

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

All: -245.391 ± 265.189 χ^2/NDF : 77.1/75

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1779.796+/-0.319 χ^2/NDF : 149477.0/19

Left: 1790.318+/-0.227 χ^2/NDF : 758165.1/40

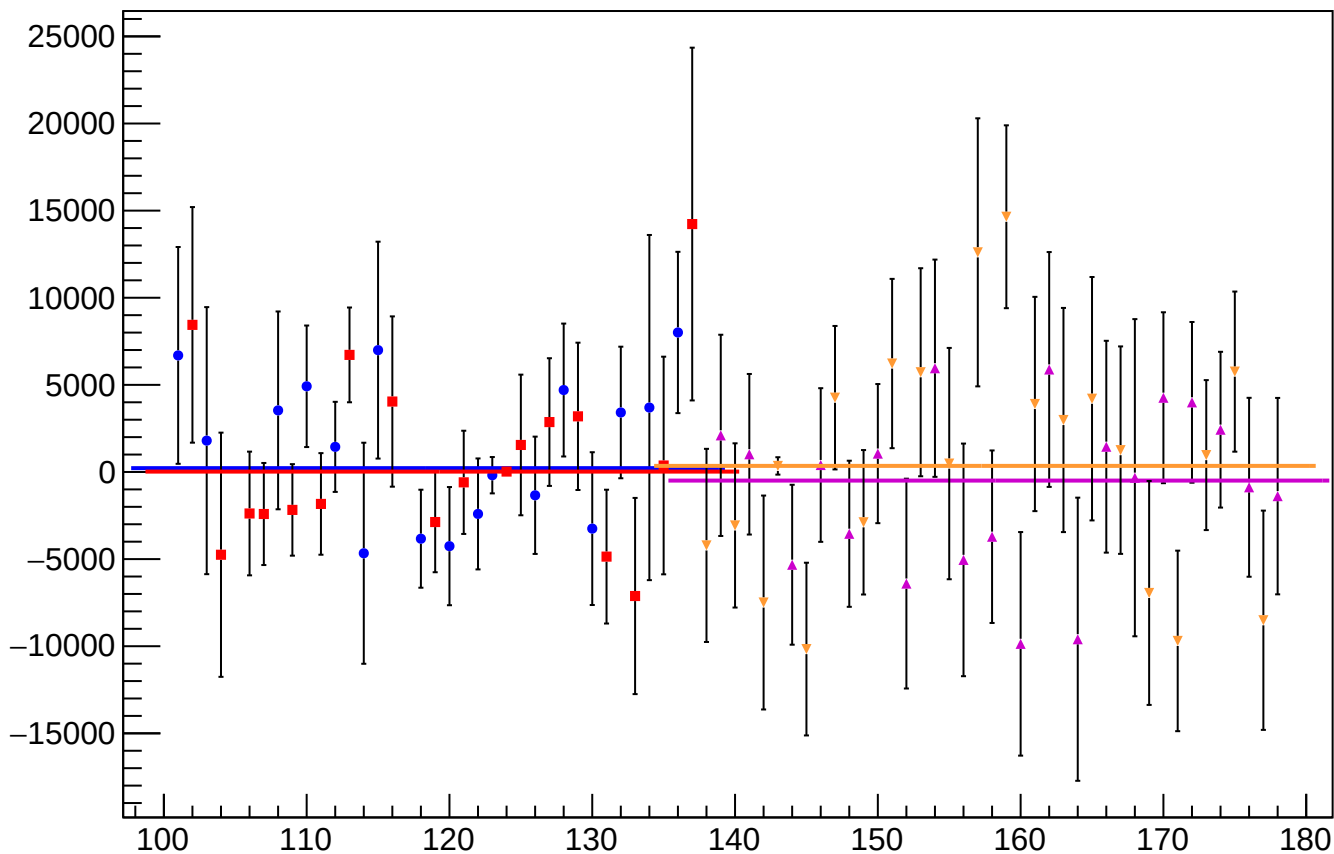
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1748.877+/-0.263 χ^2/NDF : 374660.7/36

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

All: 1766.191+/-0.187 χ^2/NDF : 1405551.3/75

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -493.542 $\pm$ 1177.883 χ^2 /NDF:11.8/19

Left: 238.070 $\pm$ 429.221 χ^2 /NDF: 42.6/40

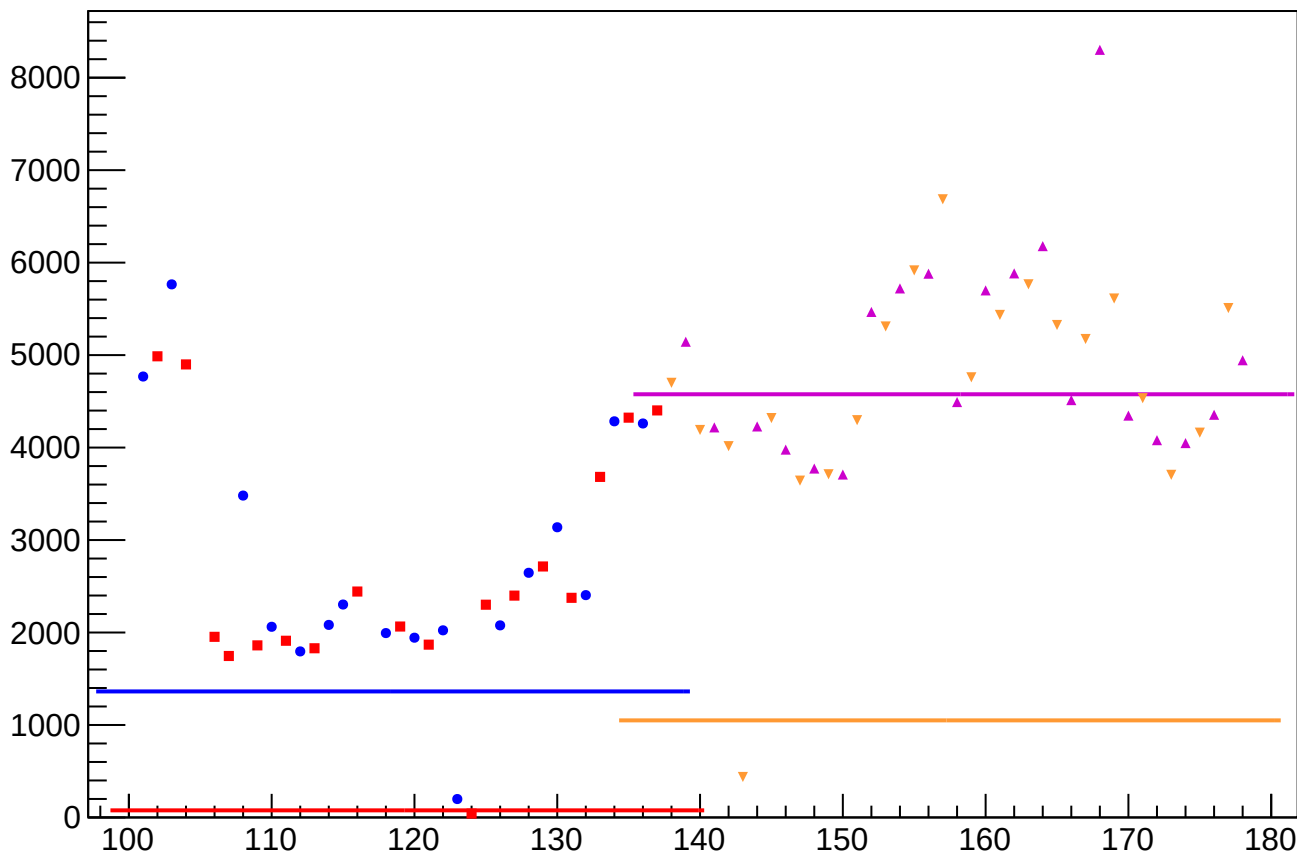
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 25.411 $\pm$ 614.889 χ^2 /NDF:27.9/36

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

All: 40.417 $\pm$ 109.033 χ^2 /NDF: 77.3/75

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4576.474 $\pm$ 0.833 χ^2 /NDF: 1052886.6/19

Left: 1518.151 $\pm$ 0.304 χ^2 /NDF: 37770114.7/40

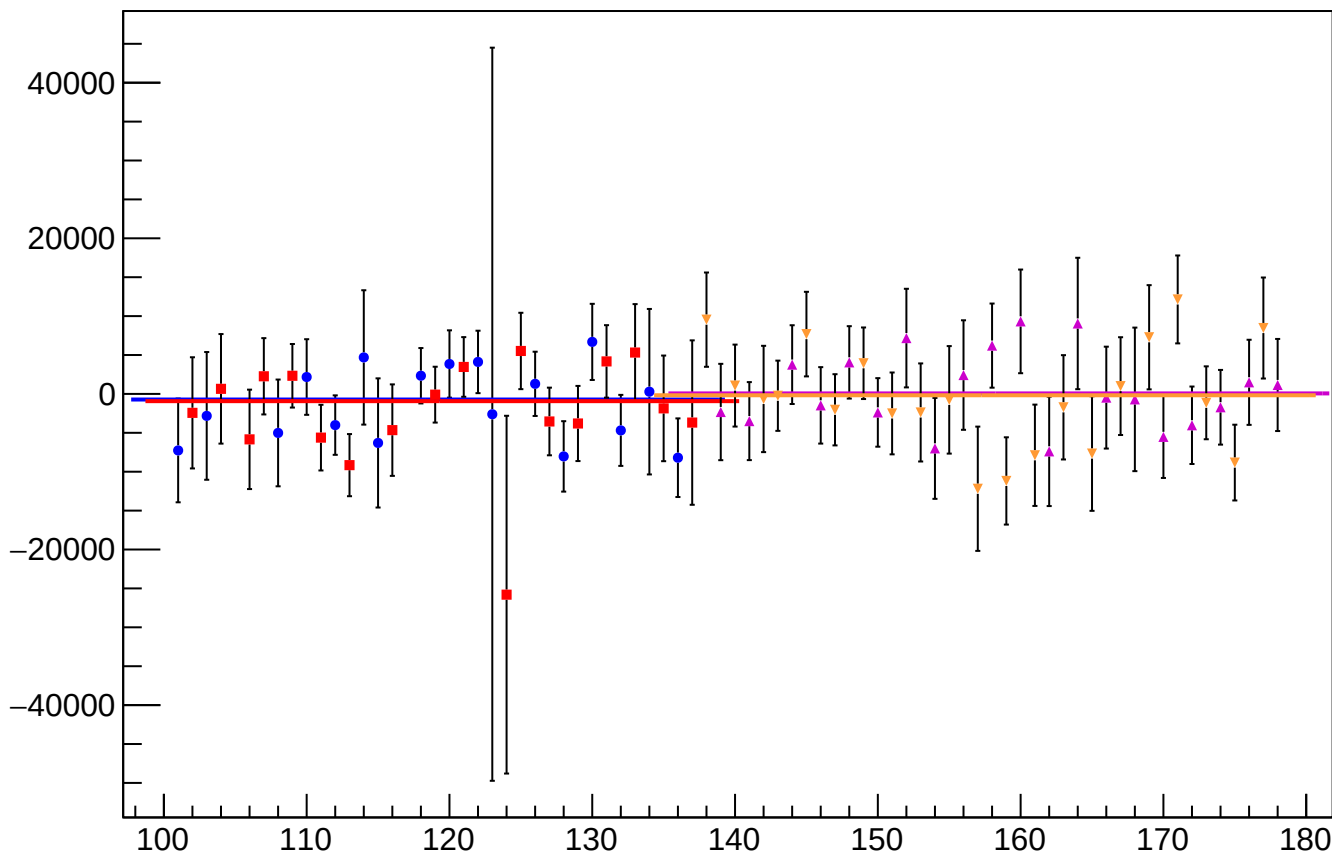
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2238.602 $\pm$ 0.435 χ^2 /NDF: 18119090.6/36

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

All: 199.256 $\pm$ 0.077 χ^2 /NDF: 83515377.9/75

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 64.498+/-1269.457 χ^2/NDF : 12.4/19

Left: -57.023+/-888.194 χ^2/NDF : 38.1/40

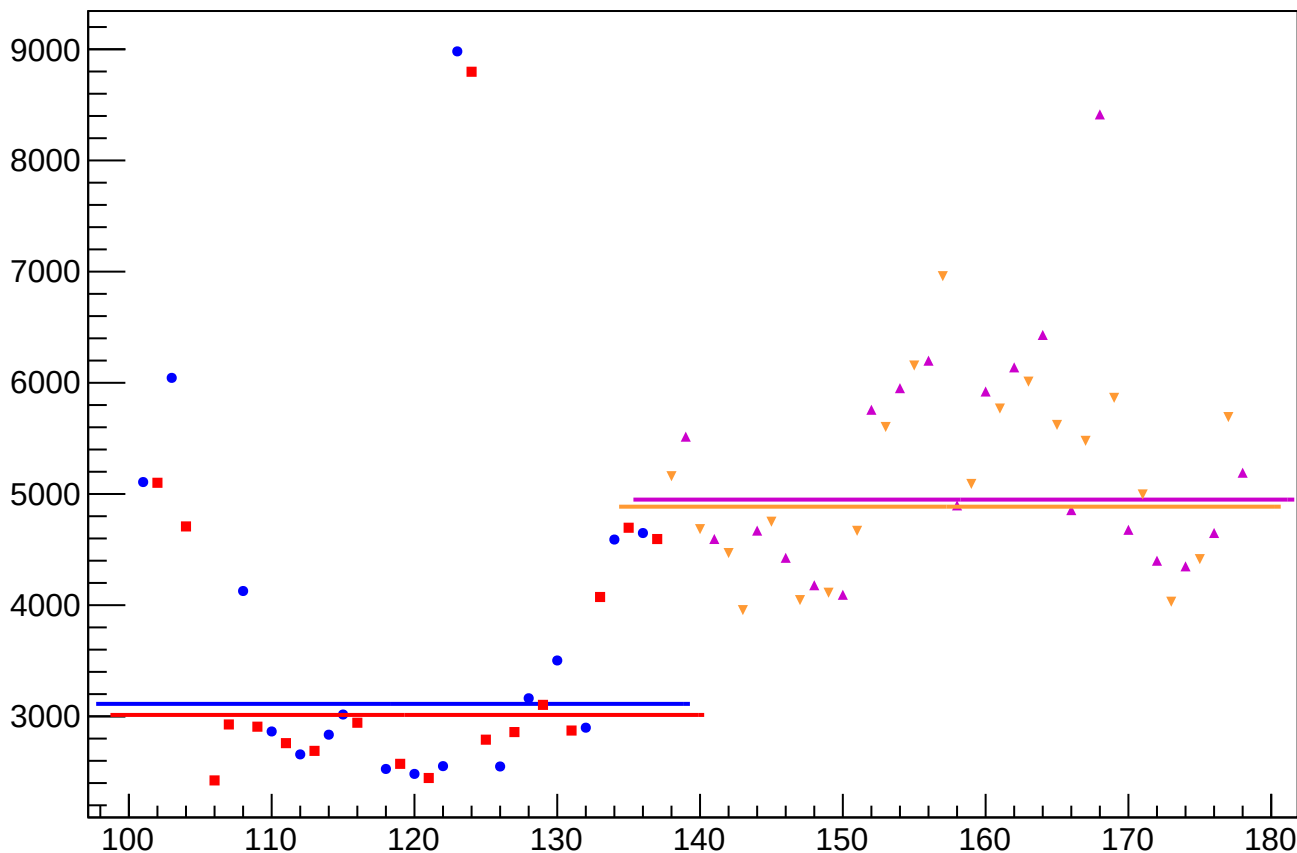
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -333.771+/-891.593 χ^2/NDF : 27.4/36

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

All: -454.814+/-619.467 χ^2/NDF : 68.1/75

asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4949.517 $\pm$ 0.898 χ^2 /NDF: 843434.5/19

Left: 4917.031 $\pm$ 0.628 χ^2 /NDF: 1595415.4/40

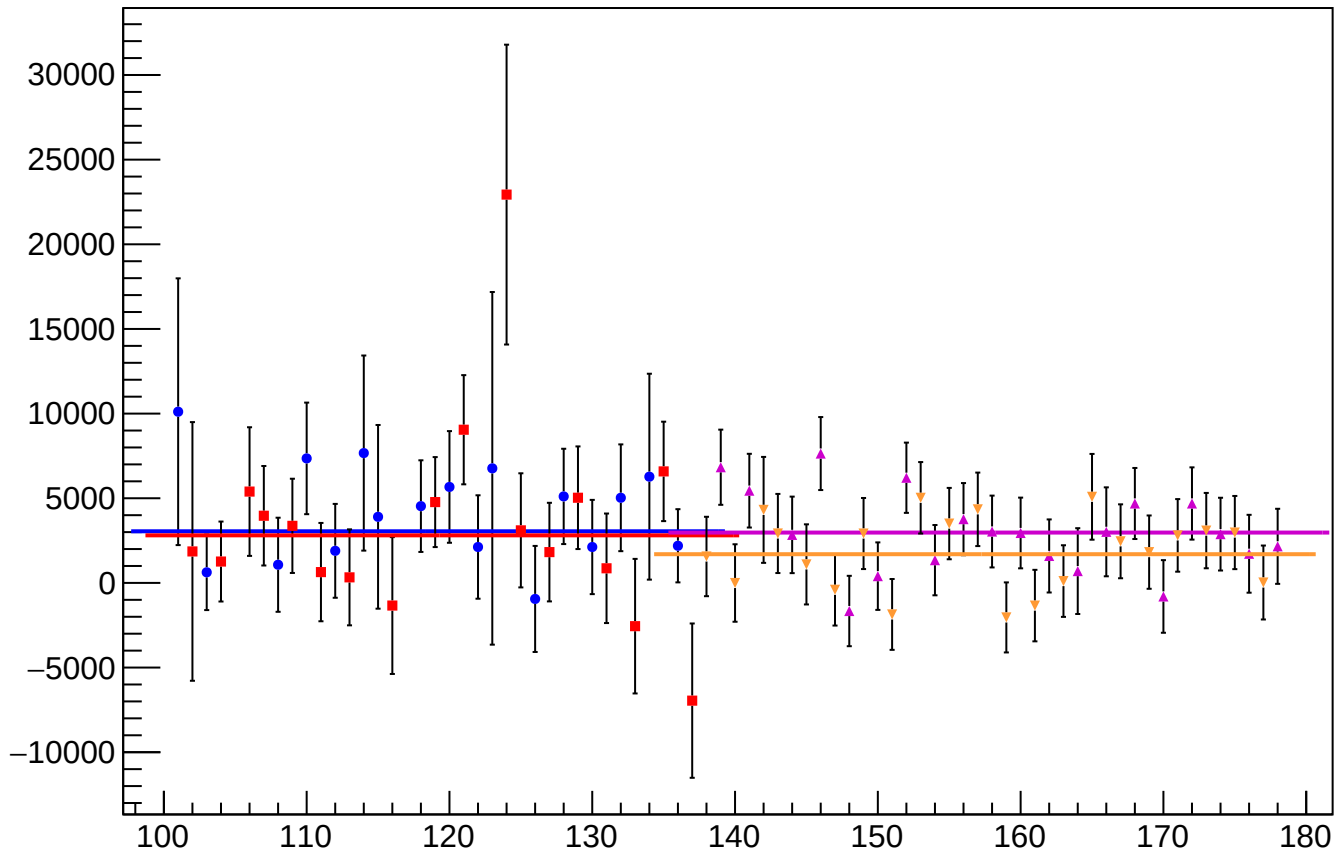
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 4018.531 $\pm$ 0.630 χ^2 /NDF: 3924754.1/36

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

All: 3956.903 $\pm$ 0.437 χ^2 /NDF: 7856292.9/75

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1695.281+/-483.254 χ^2/NDF :19.9/20

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

Left In: 2973.297+/-486.048 χ^2/NDF :24.9/19

Left: 2330.606+/-342.696 χ^2/NDF : 48.3/40

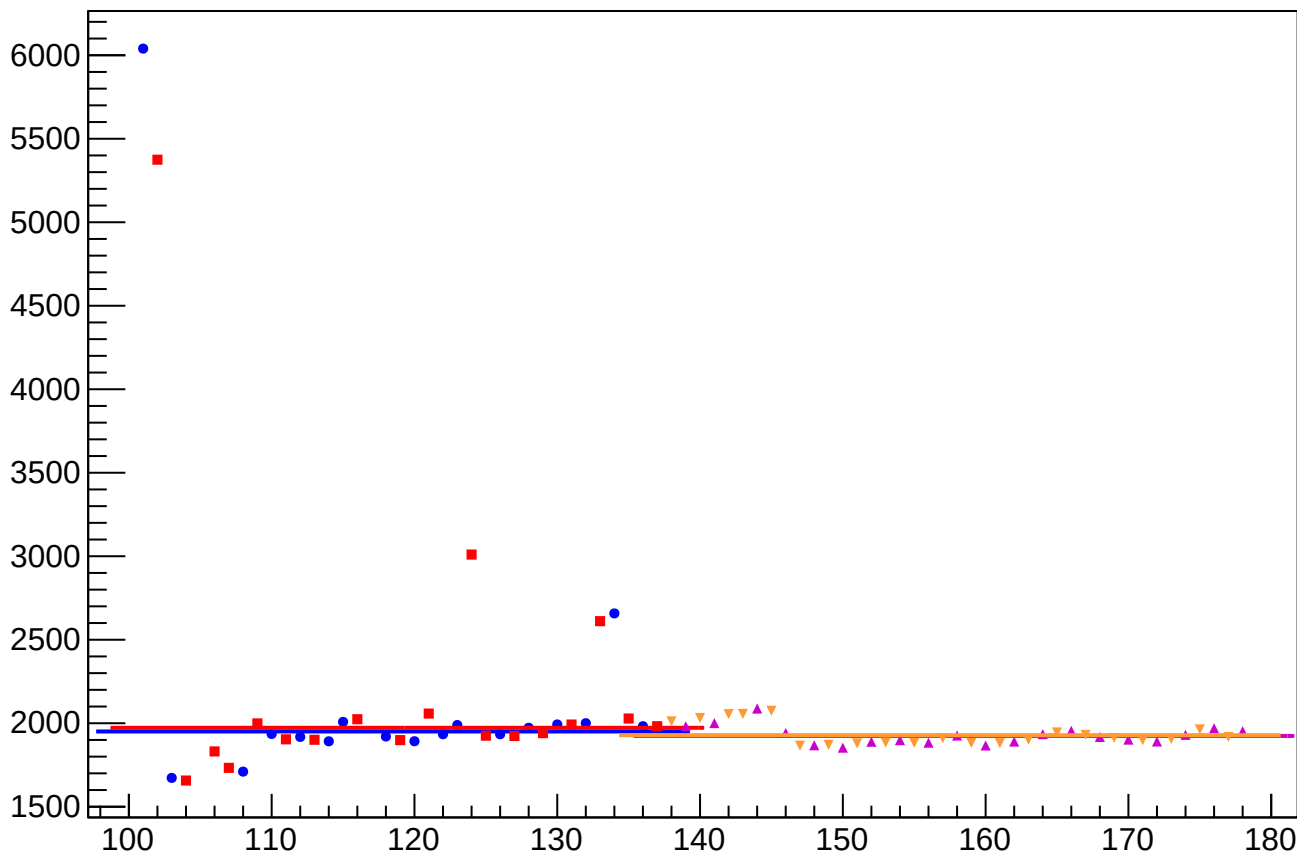
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 2994.798+/-411.364 χ^2/NDF :34.2/36

Out: 2012.261+/-408.747 χ^2/NDF :43.5/38

All: 2500.394+/-289.949 χ^2/NDF : 80.5/75

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692+/-0.546 χ^2/NDF : 615165.3/16

Left Out: 1928.455+/-0.342 χ^2/NDF : 33418.7/20

Right Out: 1972.726+/-0.541 χ^2/NDF : 535670.1/17

Left In: 1923.868+/-0.344 χ^2/NDF : 24145.4/19

Left: 1926.175+/-0.242 χ^2/NDF : 57653.6/40

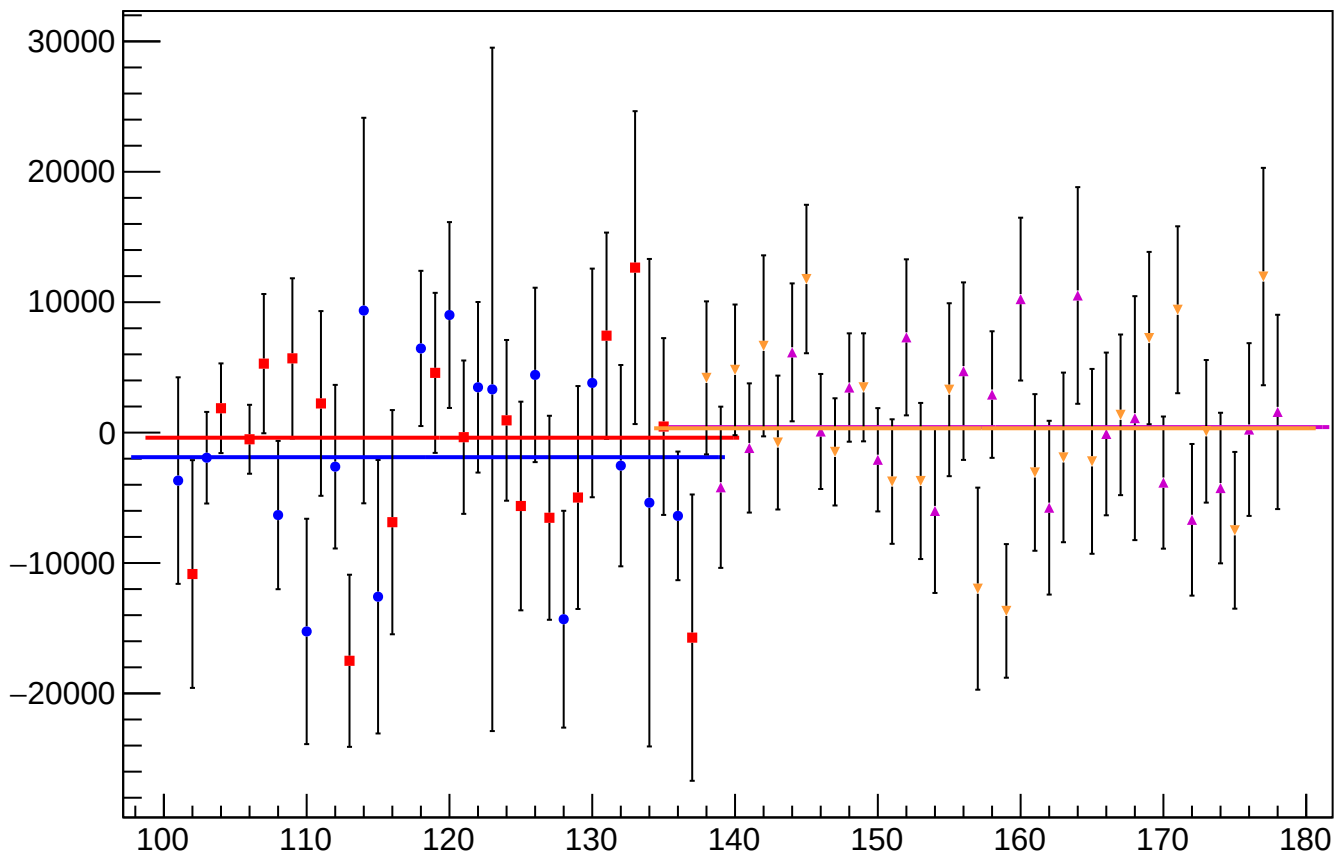
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

In: 1931.478+/-0.291 χ^2/NDF : 641038.7/36

Out: 1941.065+/-0.289 χ^2/NDF : 573869.5/38

All: 1936.303+/-0.205 χ^2/NDF : 1215454.9/75

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 331.441 $\pm$ 1244.514 χ^2 /NDF:25.6/20

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

Left In: 421.467 $\pm$ 1257.778 χ^2 /NDF:13.5/19

Left: 375.977 $\pm$ 884.656 χ^2 /NDF: 39.2/40

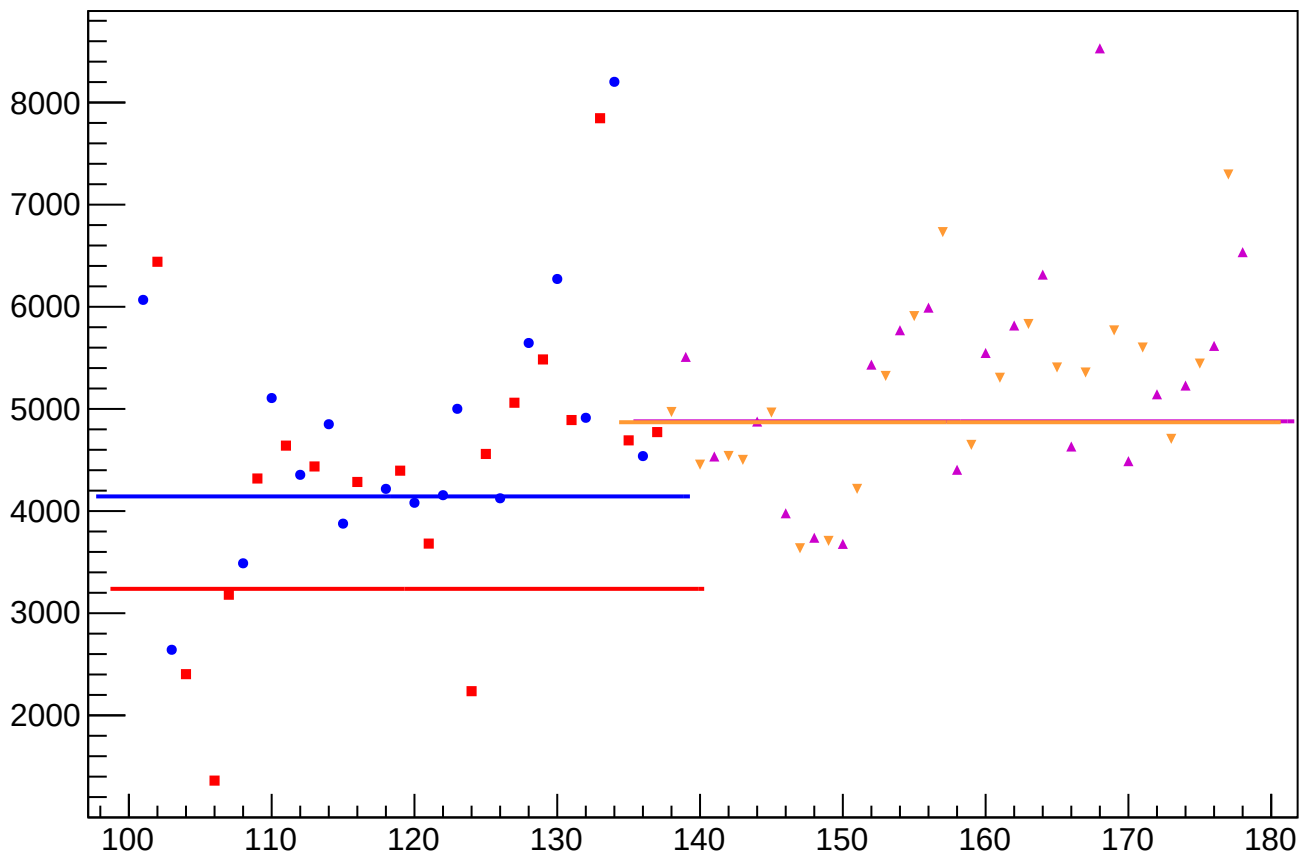
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -421.150 $\pm$ 1002.060 χ^2 /NDF:28.9/36

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

All: -190.998 $\pm$ 677.151 χ^2 /NDF: 72.3/75

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4878.667+/-0.889 χ^2/NDF : 1155188.2/19

Left: 4874.220+/-0.626 χ^2/NDF : 2070254.6/40

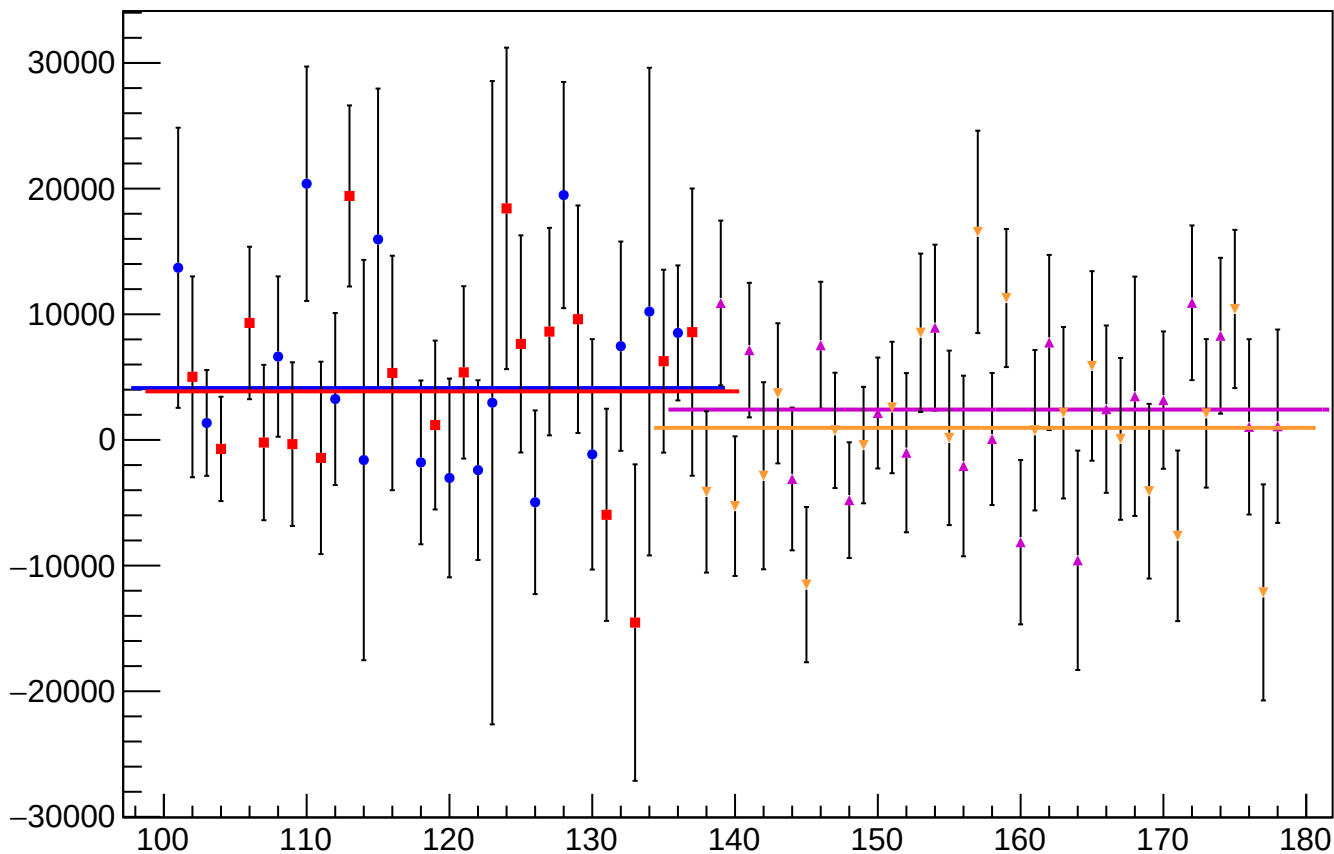
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4610.115+/-0.709 χ^2/NDF : 2260763.6/36

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

All: 4347.843+/-0.479 χ^2/NDF : 7573845.3/75

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 961.106 $\pm$ 1341.475 χ^2 /NDF:22.6/20

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

Left In: 2416.601 $\pm$ 1355.479 χ^2 /NDF:16.7/19

Left: 1681.296 $\pm$ 953.478 χ^2 /NDF: 39.9/40

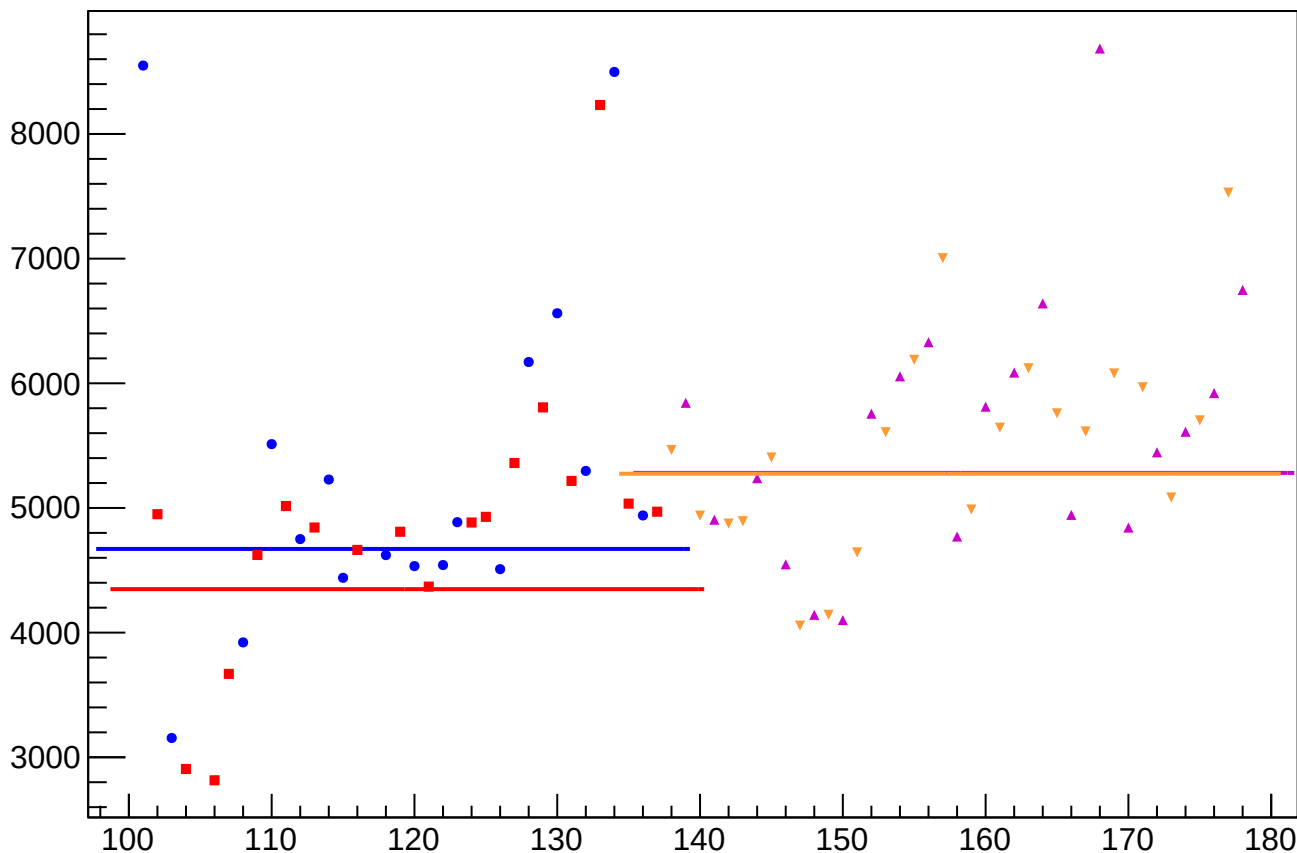
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3008.479 $\pm$ 1096.078 χ^2 /NDF:31.0/36

Out: 2054.050 $\pm$ 1059.527 χ^2 /NDF:38.6/38

All: 2515.086 $\pm$ 761.793 χ^2 /NDF: 70.0/75

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5281.373+/-0.958 χ^2/NDF : 891219.6/19

Left: 5277.964+/-0.674 χ^2/NDF : 1591579.3/40

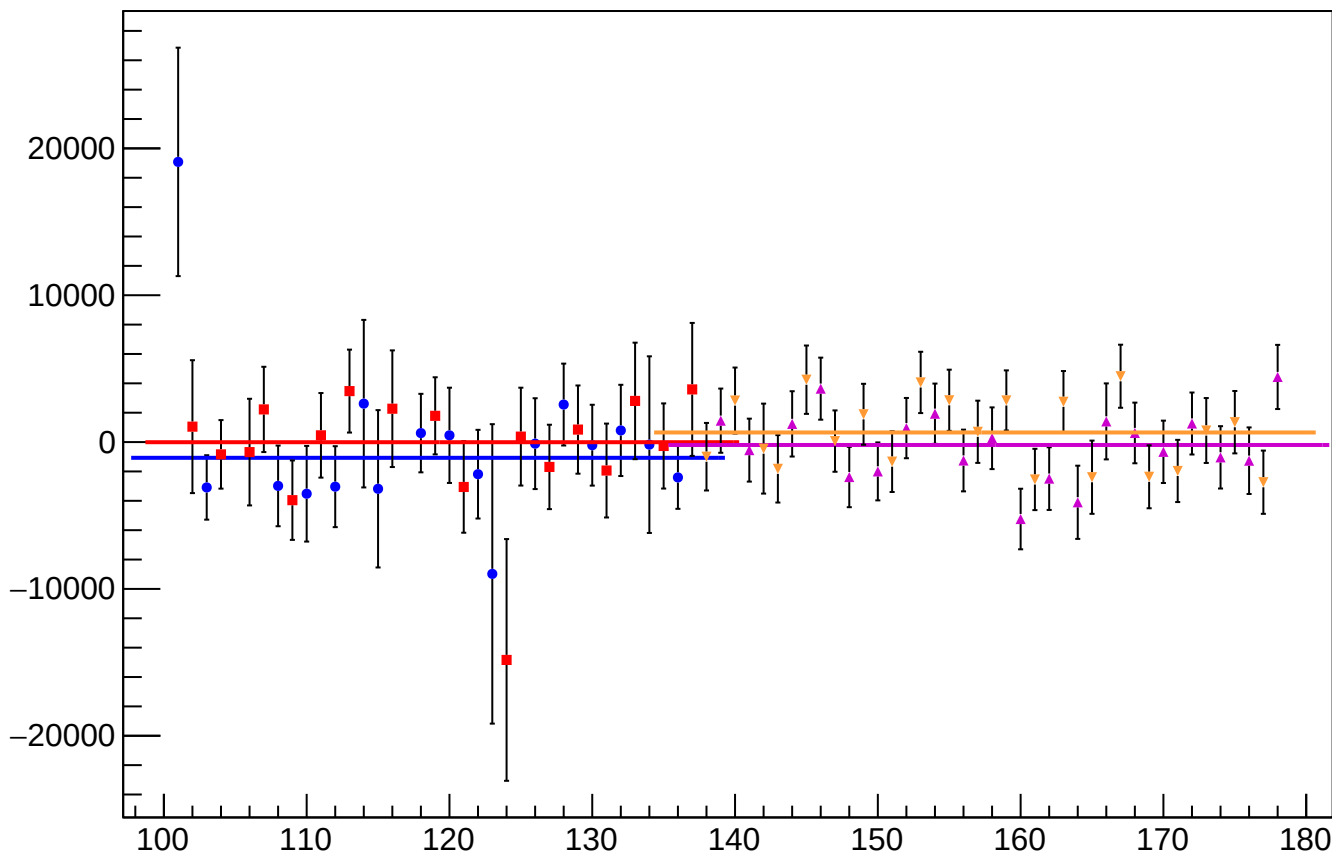
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5070.221+/-0.775 χ^2/NDF : 1817551.3/36

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

All: 4994.363+/-0.538 χ^2/NDF : 3689827.4/75

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 653.300 ± 476.619 χ^2/NDF : 25.5/20

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

Left In: -197.699 ± 479.666 χ^2/NDF : 23.5/19

Left: 230.512 ± 338.093 χ^2/NDF : 50.6/40

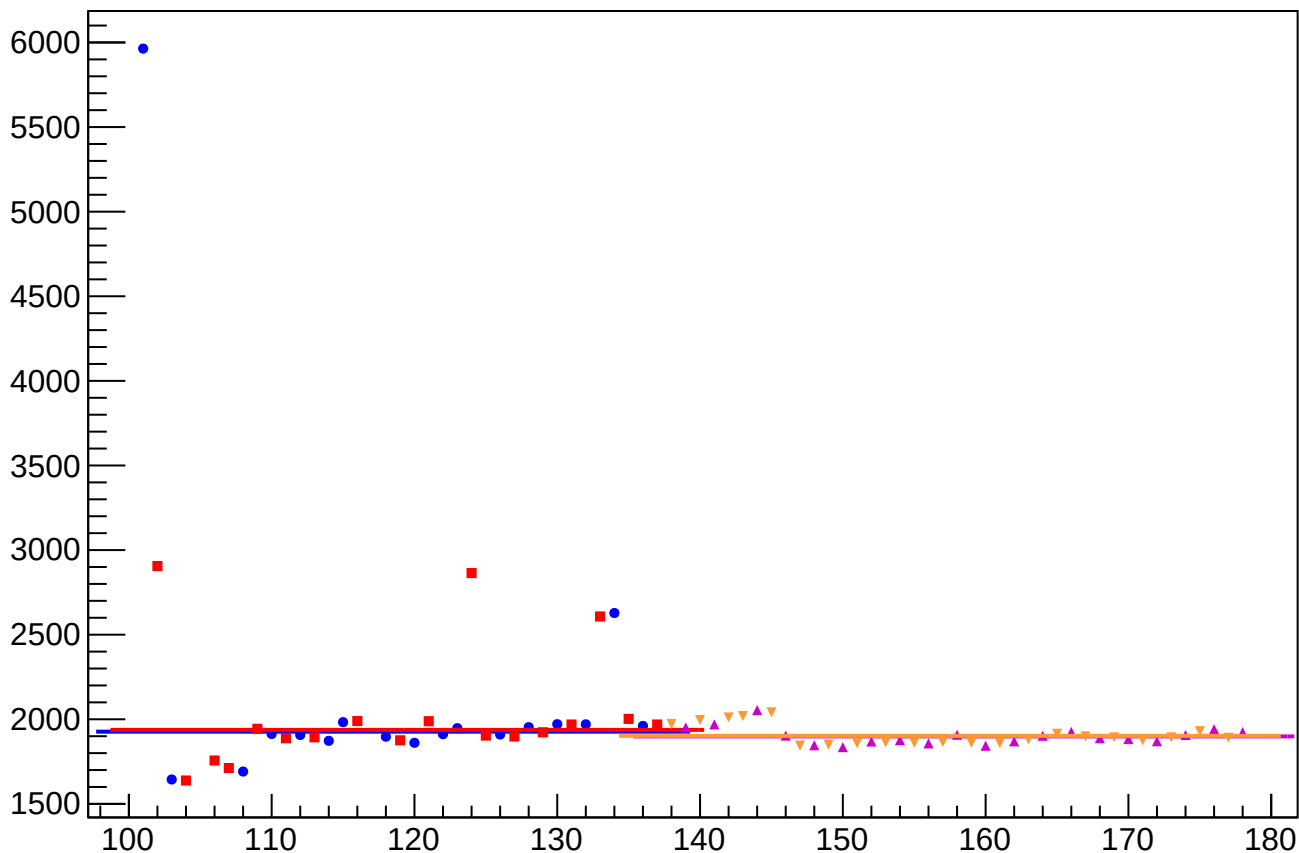
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -445.158 ± 406.082 χ^2/NDF : 38.1/36

Out: 462.108 ± 401.969 χ^2/NDF : 37.5/38

All: 13.094 ± 285.678 χ^2/NDF : 78.2/75

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1898.726+/-0.339 χ^2/NDF : 21583.9/19

Left: 1900.466+/-0.239 χ^2/NDF : 50216.9/40

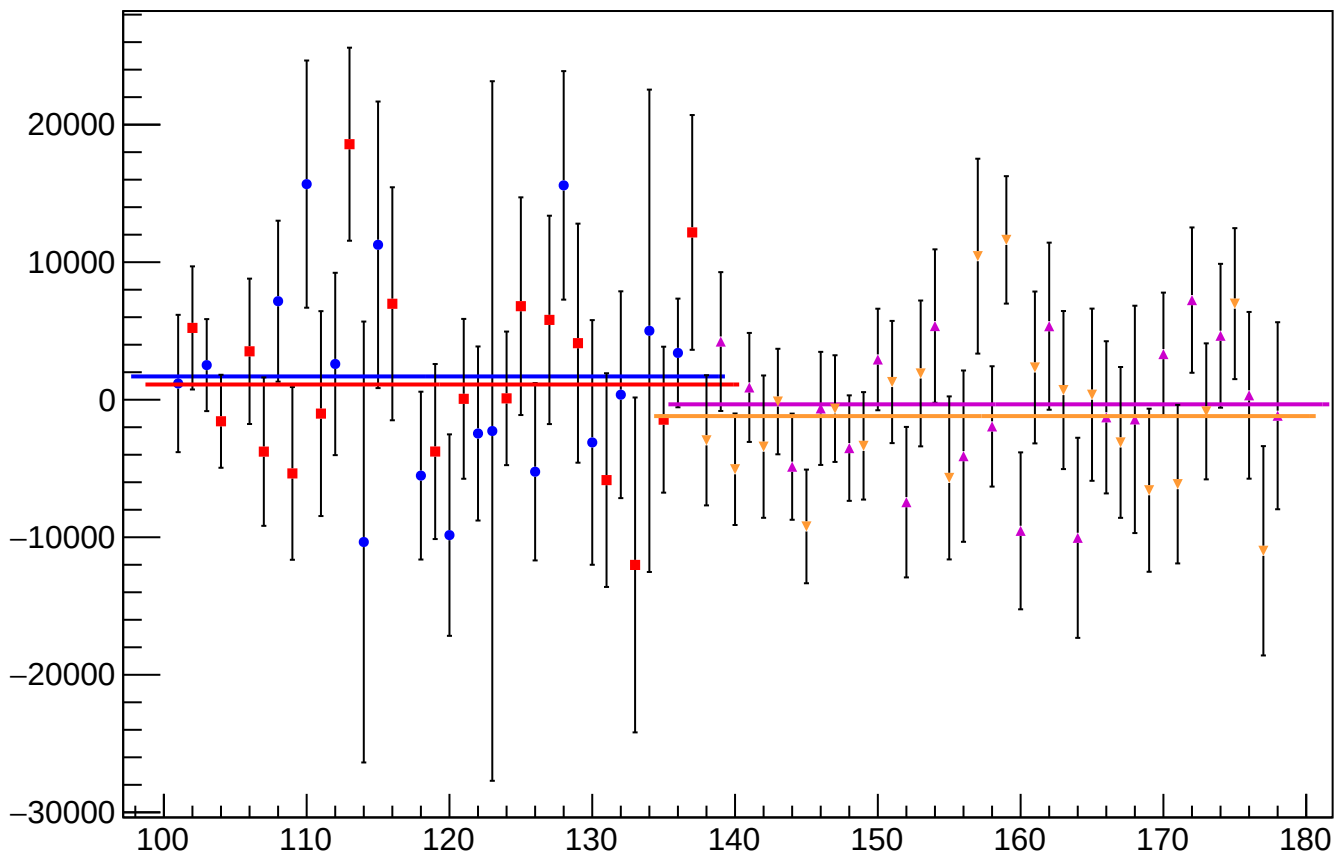
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1906.705+/-0.287 χ^2/NDF : 640653.4/36

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

All: 1909.545+/-0.202 χ^2/NDF : 901641.8/75

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1190.229+/-1081.872 χ^2/NDF : 23.1/20

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

Left In: -334.213+/-1111.468 χ^2/NDF : 16.0/19

Left: -773.769+/-775.251 χ^2/NDF : 39.4/40

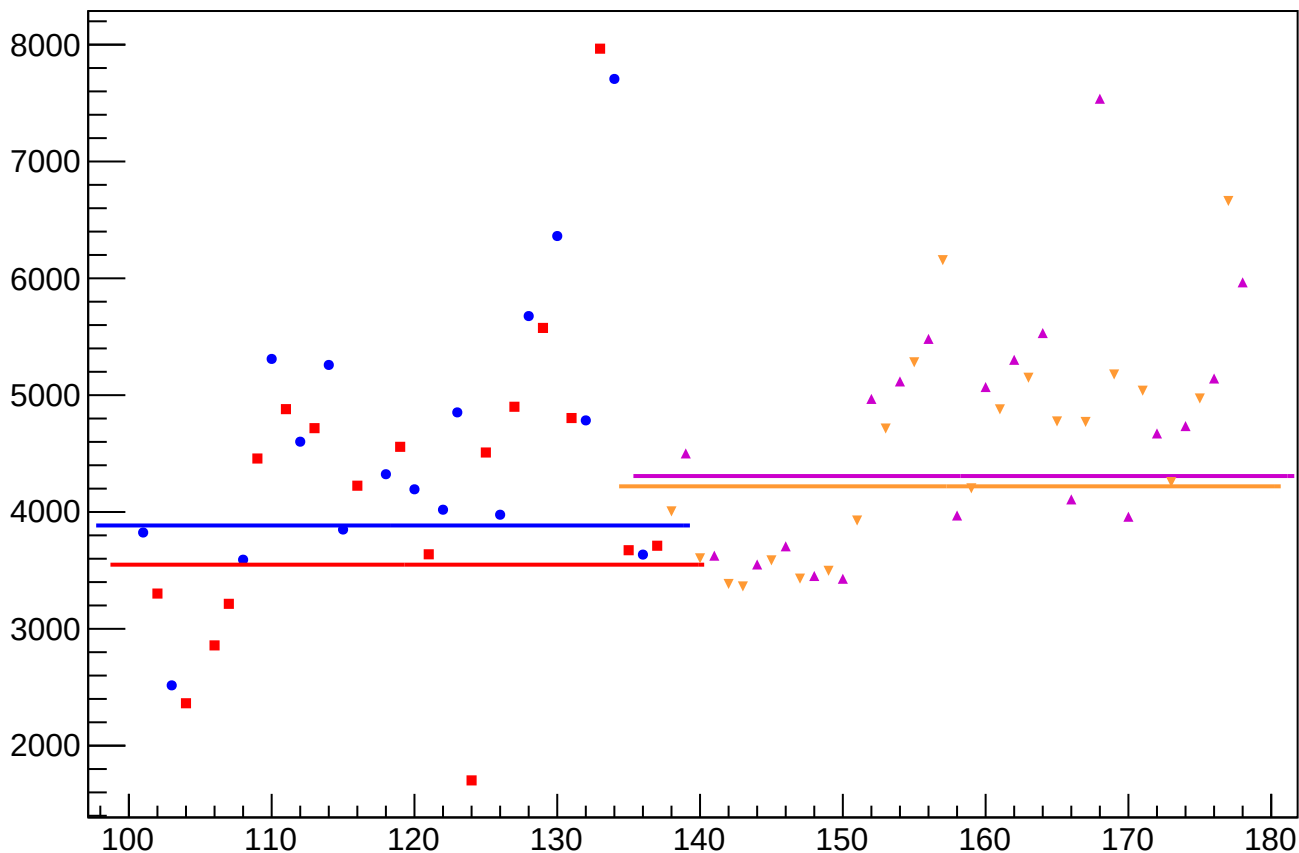
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 353.387+/-903.629 χ^2/NDF : 30.7/36

Out: -340.662+/-858.932 χ^2/NDF : 40.7/38

All: -11.227+/-622.558 χ^2/NDF : 71.7/75

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4307.733 $\pm$ 0.786 χ^2 /NDF: 1194688.2/19

Left: 4262.519 $\pm$ 0.548 χ^2 /NDF: 2294299.8/40

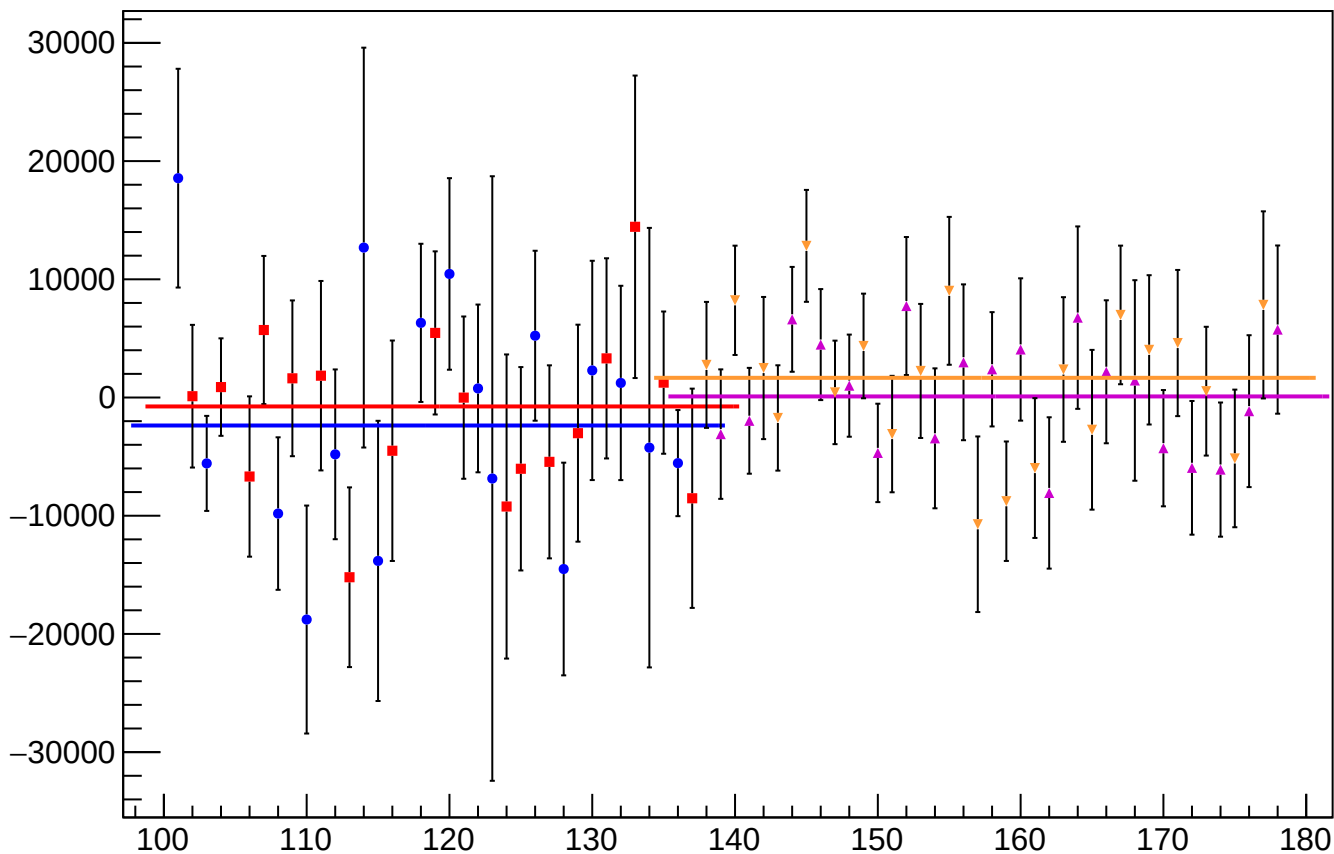
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4164.282 $\pm$ 0.639 χ^2 /NDF: 2119520.4/36

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

All: 4063.161 $\pm$ 0.440 χ^2 /NDF: 4871333.8/75

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1665.620+/-1195.478 χ^2/NDF : 23.4/20

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

Left In: 91.720+/-1219.806 χ^2/NDF : 14.2/19

Left: 894.522+/-853.802 χ^2/NDF : 38.4/40

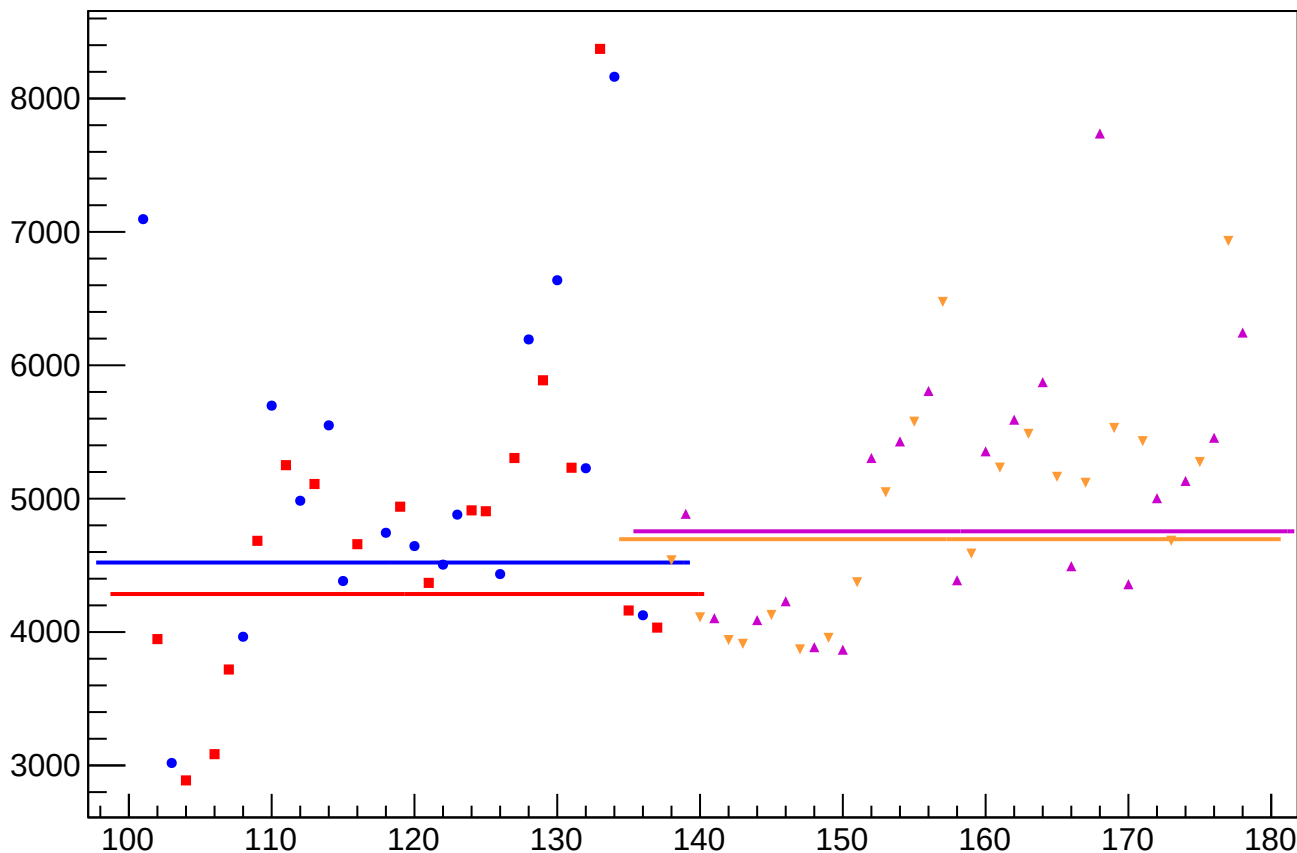
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -681.086+/-1010.125 χ^2/NDF : 35.6/36

Out: 860.046+/-976.573 χ^2/NDF : 35.2/38

All: 115.500+/-702.103 χ^2/NDF : 72.0/75

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4755.268+/-0.863 χ^2/NDF : 875661.7/19

Left: 4725.151+/-0.604 χ^2/NDF : 1645337.4/40

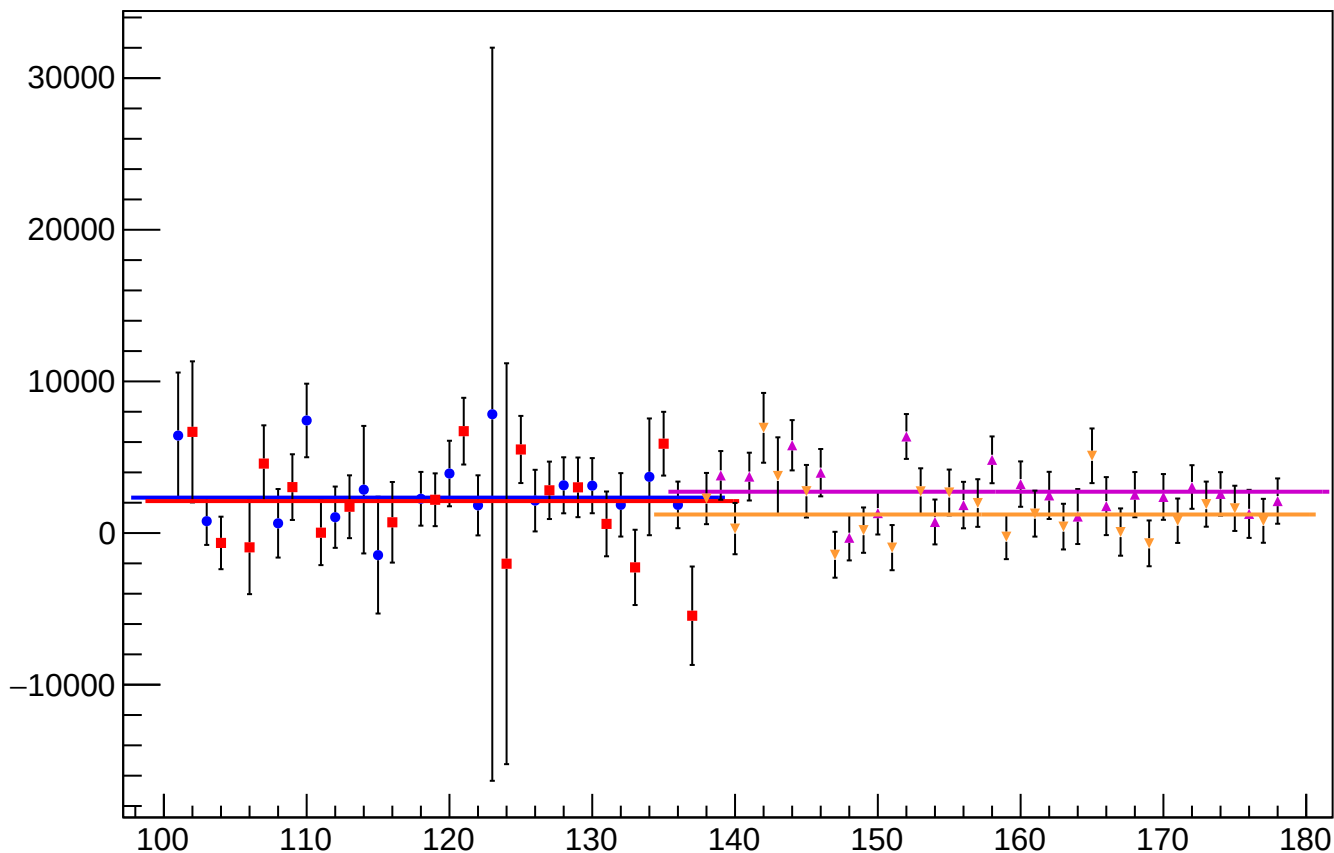
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4681.723+/-0.714 χ^2/NDF : 1677472.8/36

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

All: 4617.872+/-0.496 χ^2/NDF : 3285883.5/75

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2725.233 $\pm$ 344.647 χ^2 /NDF:22.5/19

Left: 1978.992 $\pm$ 244.423 χ^2 /NDF: 56.8/40

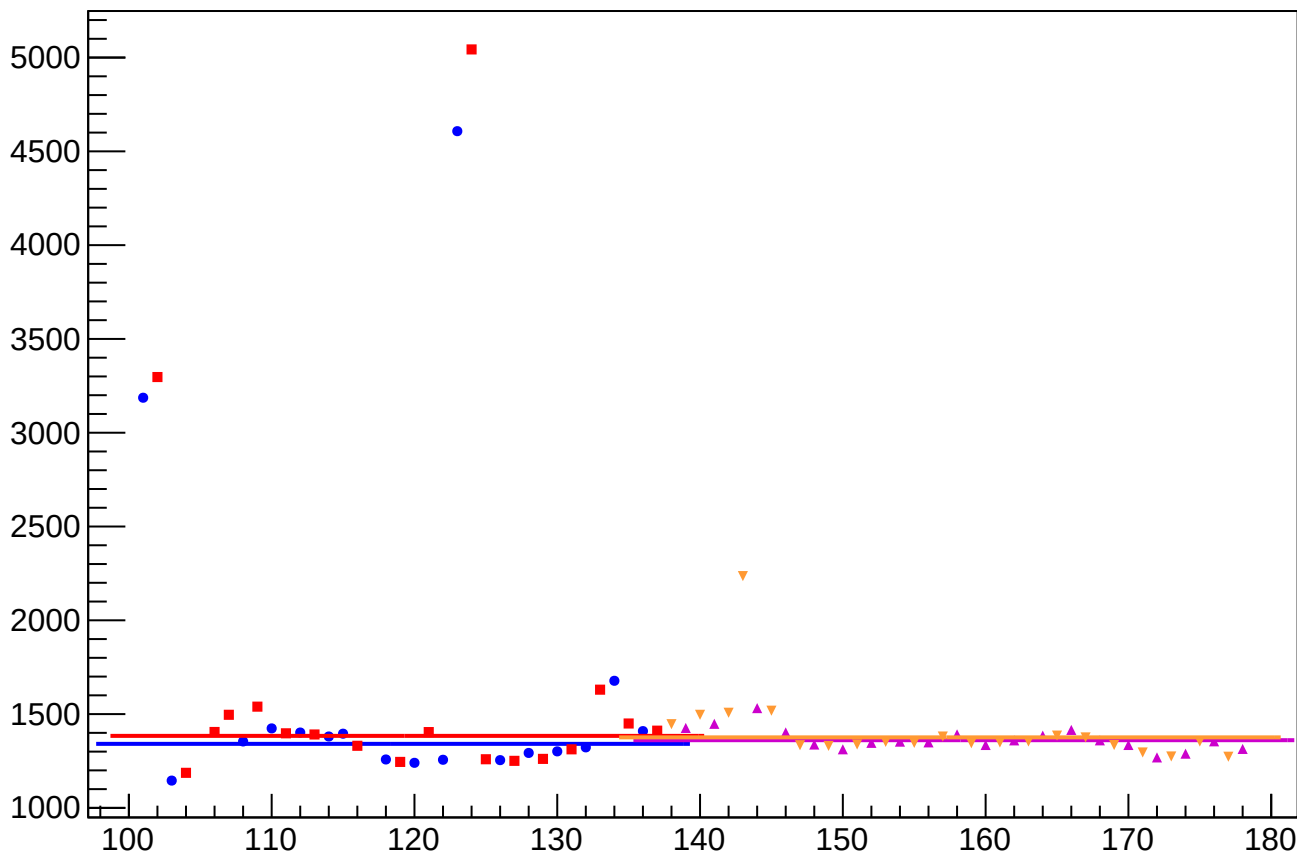
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2610.192 $\pm$ 289.113 χ^2 /NDF:32.5/36

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

All: 2051.048 $\pm$ 205.336 χ^2 /NDF: 93.2/75

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: 1375.956 ± 0.245 χ^2/NDF : 296557.4/20

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

Left In: 1360.892 ± 0.244 χ^2/NDF : 54456.6/19

Left: 1368.379 ± 0.173 χ^2/NDF : 352913.2/40

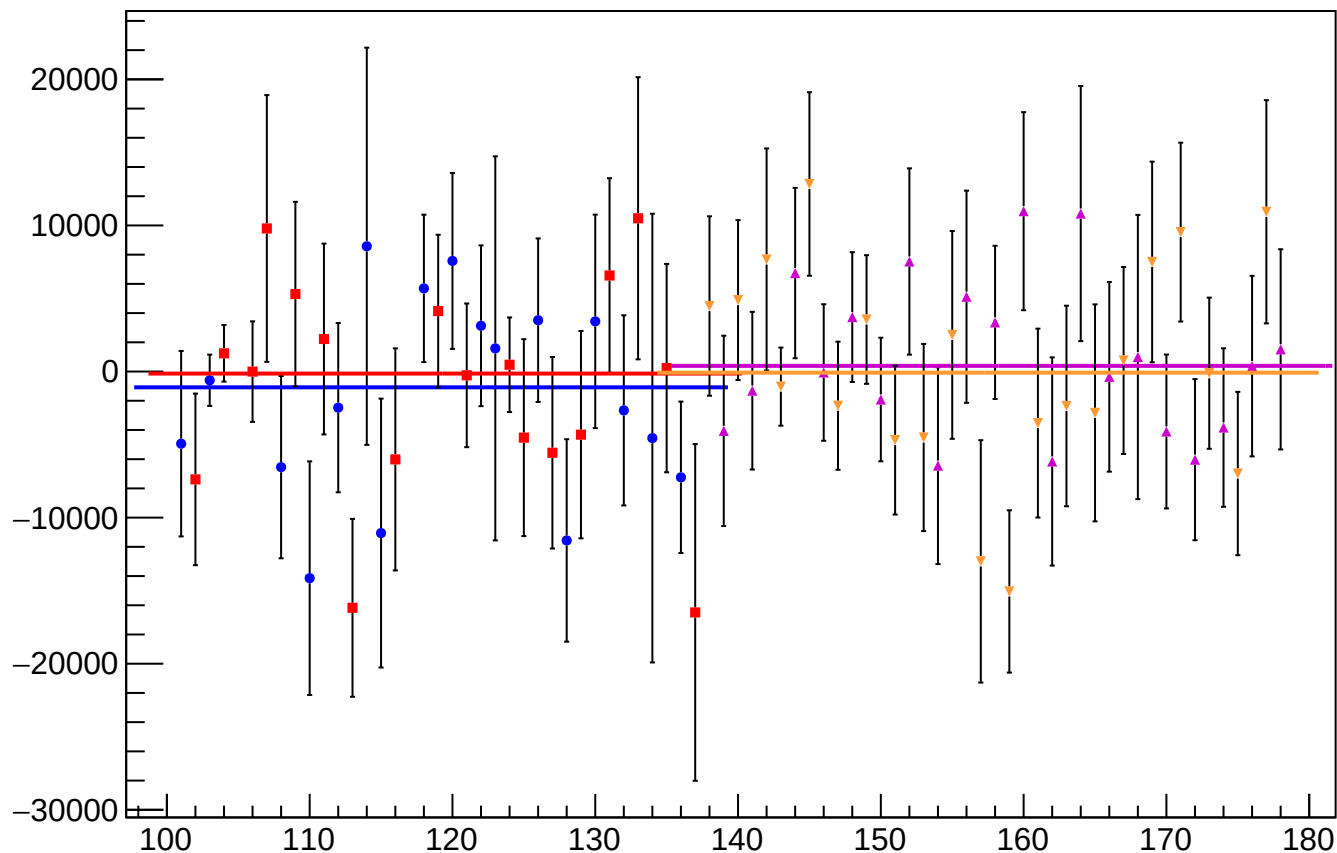
Right: 1362.318 ± 0.268 χ^2/NDF : 1104435.3/34

In: 1355.109 ± 0.204 χ^2/NDF : 560629.3/36

Out: 1378.284 ± 0.206 χ^2/NDF : 890711.9/38

All: 1366.595 ± 0.145 χ^2/NDF : 1457710.5/75

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: -77.334 $\pm$ 1197.260 χ^2 /NDF:26.7/20

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

Left In: 388.999 $\pm$ 1312.061 χ^2 /NDF:13.1/19

Left: 134.543 $\pm$ 884.397 χ^2 /NDF: 39.9/40

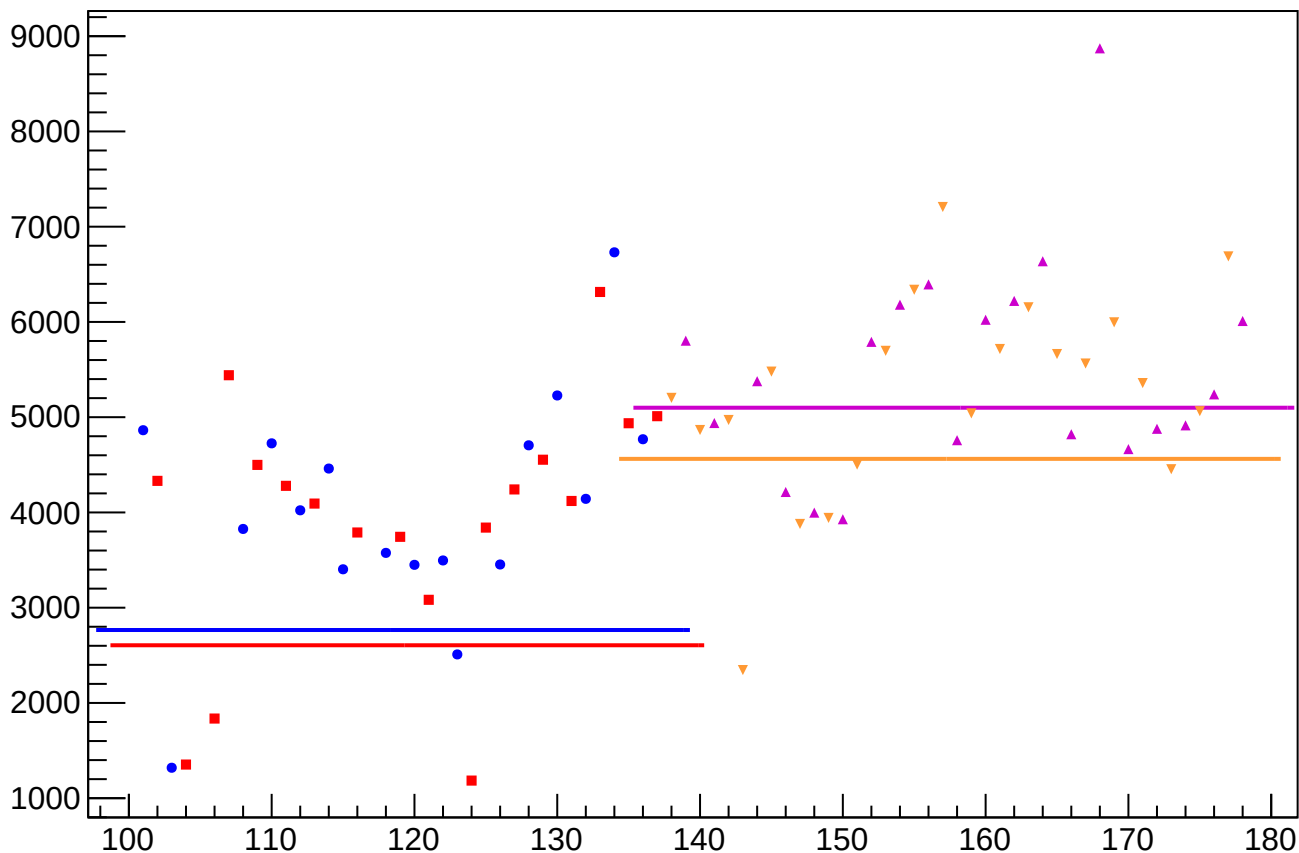
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -403.975 $\pm$ 890.440 χ^2 /NDF:28.8/36

Out: -109.880 $\pm$ 821.518 χ^2 /NDF:44.7/38

All: -245.107 $\pm$ 603.799 χ^2 /NDF: 73.5/75

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5099.390 $\pm$ 0.928 χ^2 /NDF: 1033254.7/19

Left: 4806.416 $\pm$ 0.625 χ^2 /NDF: 3717296.6/40

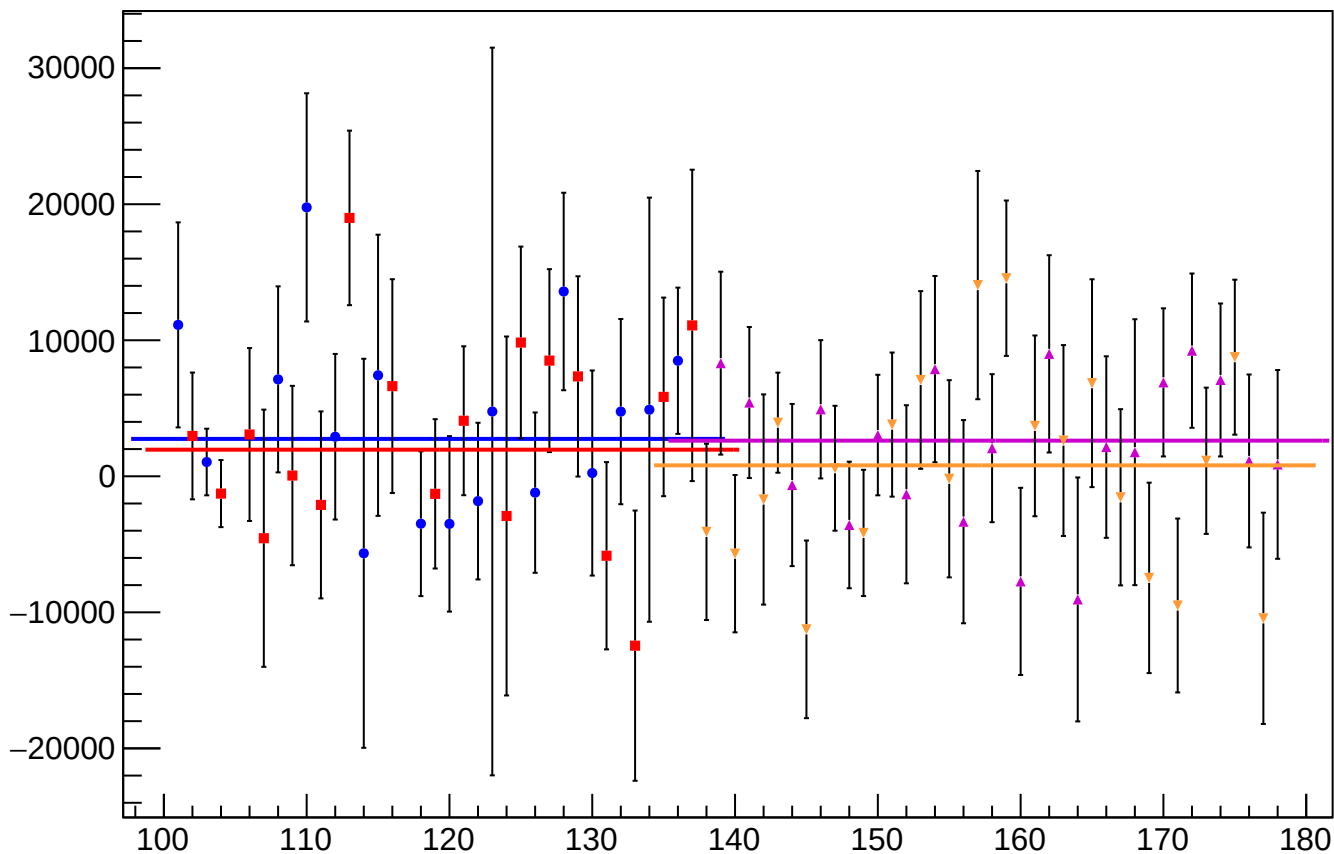
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3840.561 $\pm$ 0.630 χ^2 /NDF: 7385246.7/36

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

All: 3671.123 $\pm$ 0.427 χ^2 /NDF: 16170475.5/77

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2620.108+/-1357.749 χ^2/NDF : 12.3/19

Left: 1669.899+/-937.432 χ^2/NDF : 39.1/40

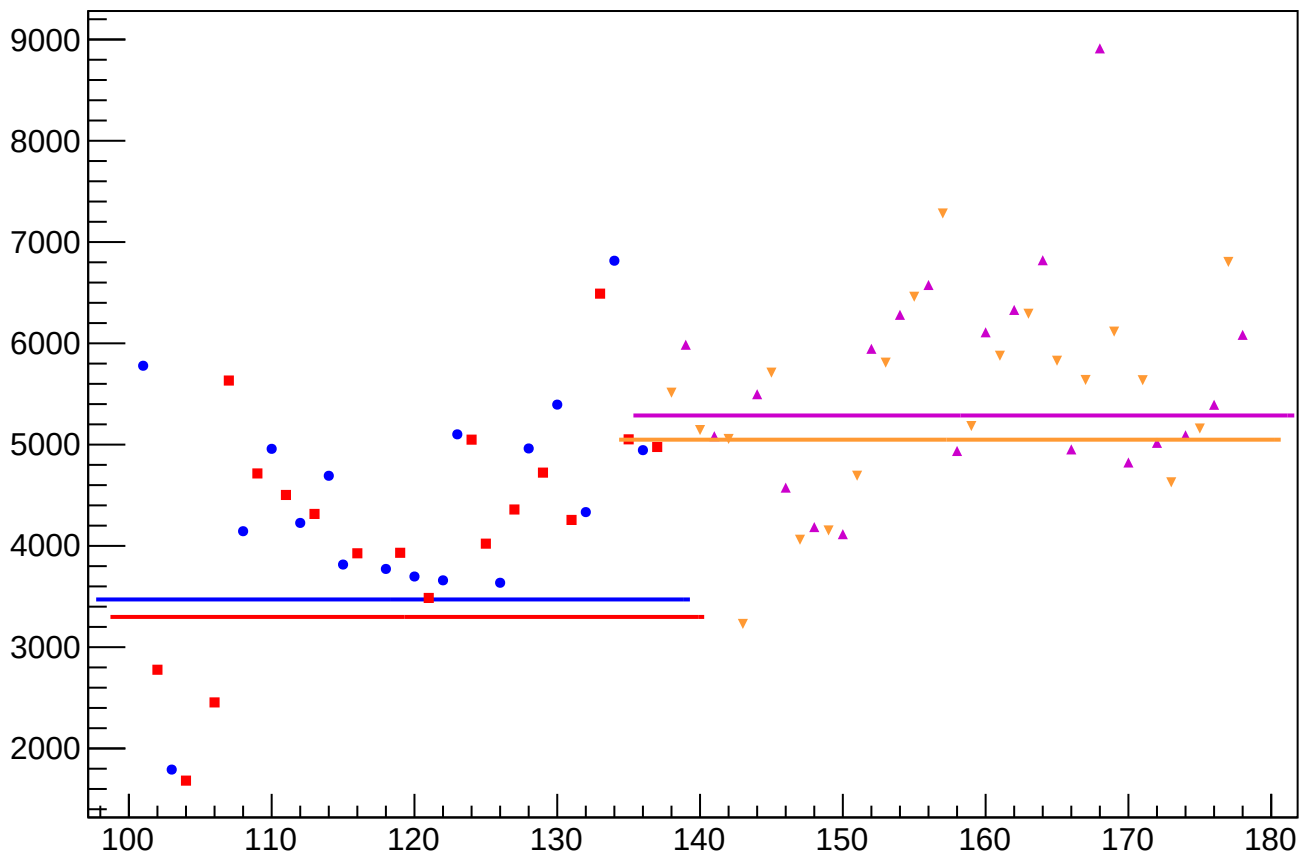
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2680.135+/-990.007 χ^2/NDF : 26.1/36

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

All: 1980.782+/-683.966 χ^2/NDF : 71.1/75

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5287.656+/-0.960 χ^2/NDF : 905213.0/19

Left: 5162.614+/-0.663 χ^2/NDF : 2189715.1/40

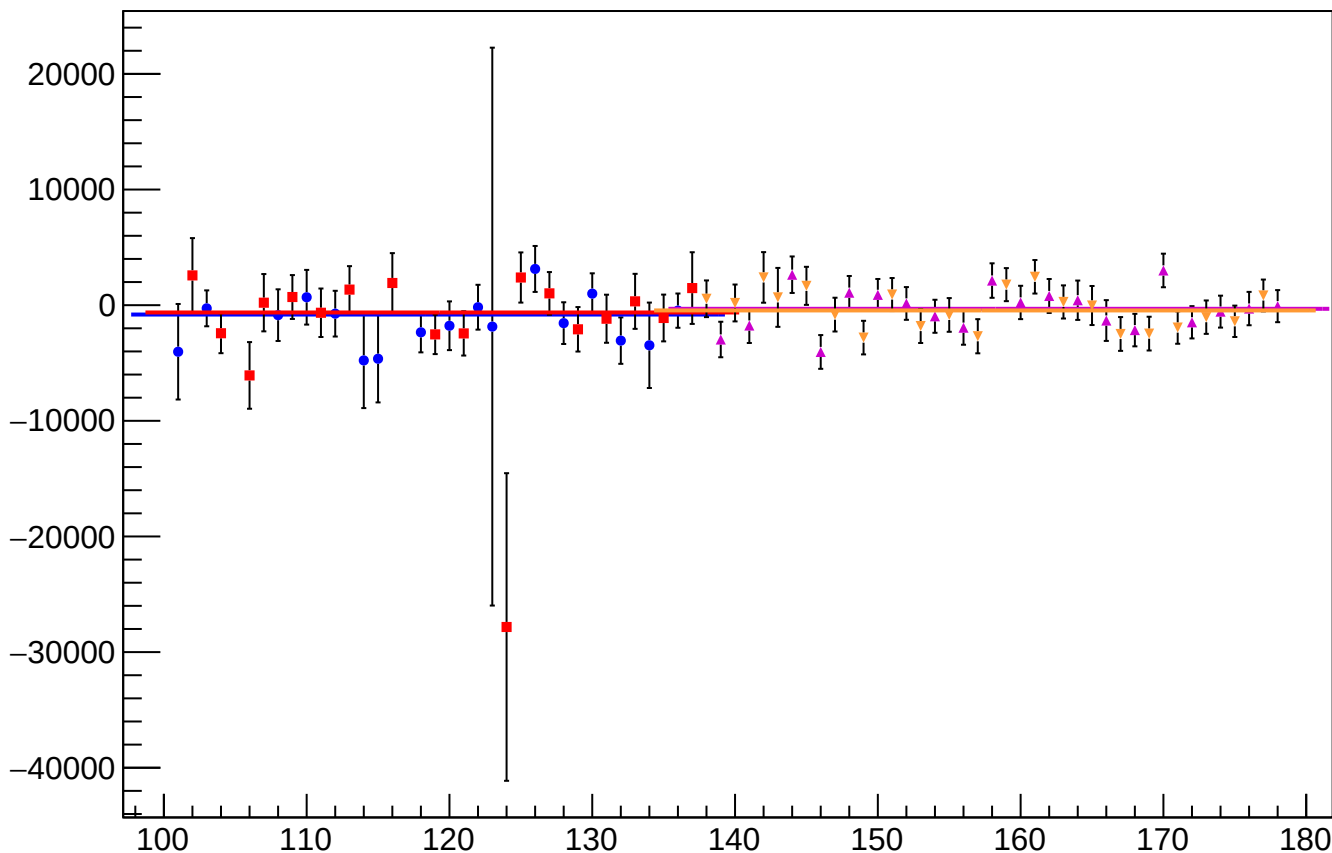
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4436.902+/-0.700 χ^2/NDF : 4349711.7/36

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

All: 4324.807+/-0.483 χ^2/NDF : 9257000.2/75

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -313.203+/-328.316 χ^2 /NDF:28.8/19

Left: -383.292+/-232.929 χ^2 /NDF: 53.1/40

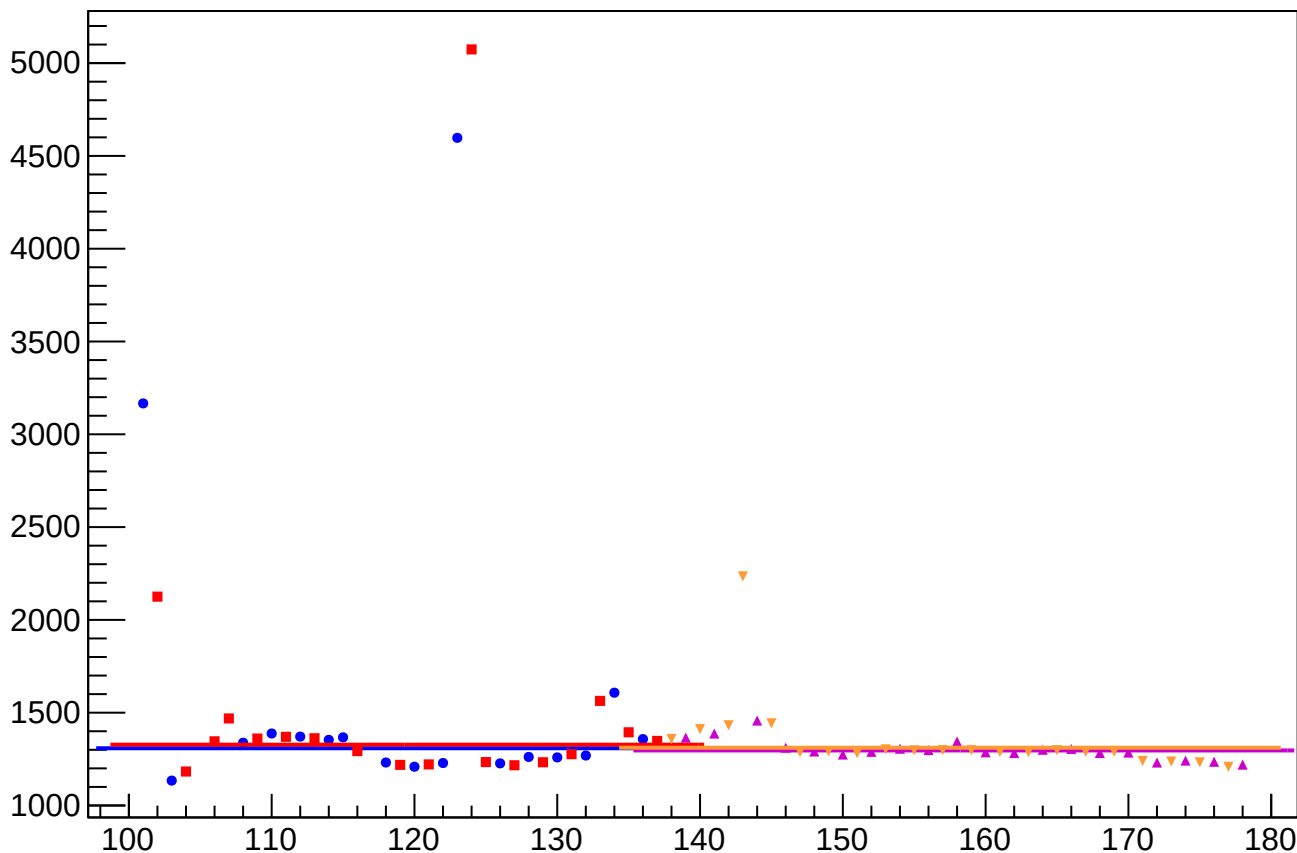
Right: -719.271+/-365.258 χ^2 /NDF: 29.8/34

In: -455.224+/-277.336 χ^2 /NDF:40.6/36

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

All: -480.425+/-196.393 χ^2 /NDF: 83.5/75

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1296.579 $\pm$ 0.232 χ^2 /NDF: 52915.5/19

Left: 1303.902 $\pm$ 0.165 χ^2 /NDF: 378793.1/40

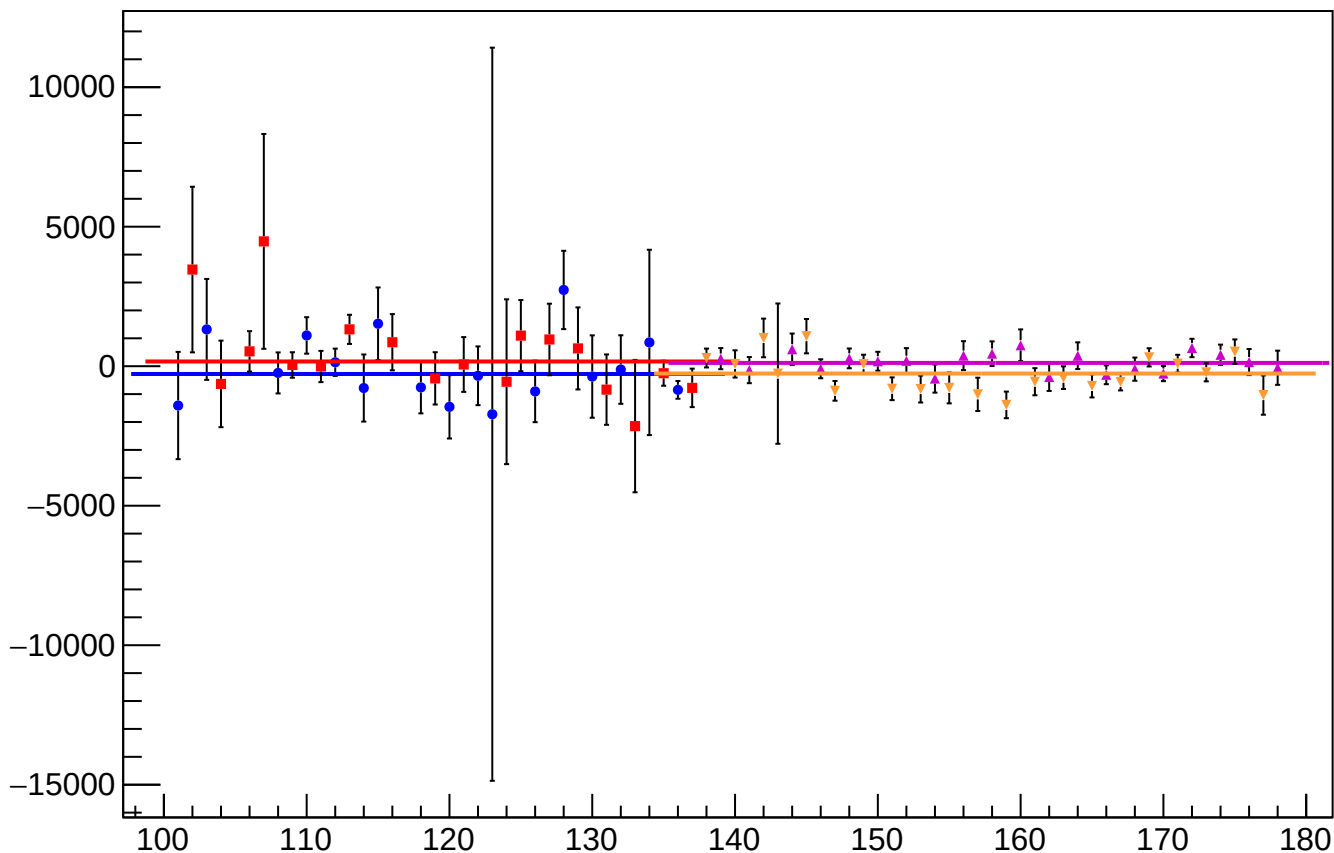
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1299.955 $\pm$ 0.196 χ^2 /NDF: 560199.0/36

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

All: 1307.997 $\pm$ 0.139 χ^2 /NDF: 1246200.3/75

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -262.564 ± 91.866 χ^2/NDF : 37.9/20

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

Left In: 118.099 ± 90.805 χ^2/NDF : 13.7/19

Left: -70.021 ± 64.581 χ^2/NDF : 60.3/40

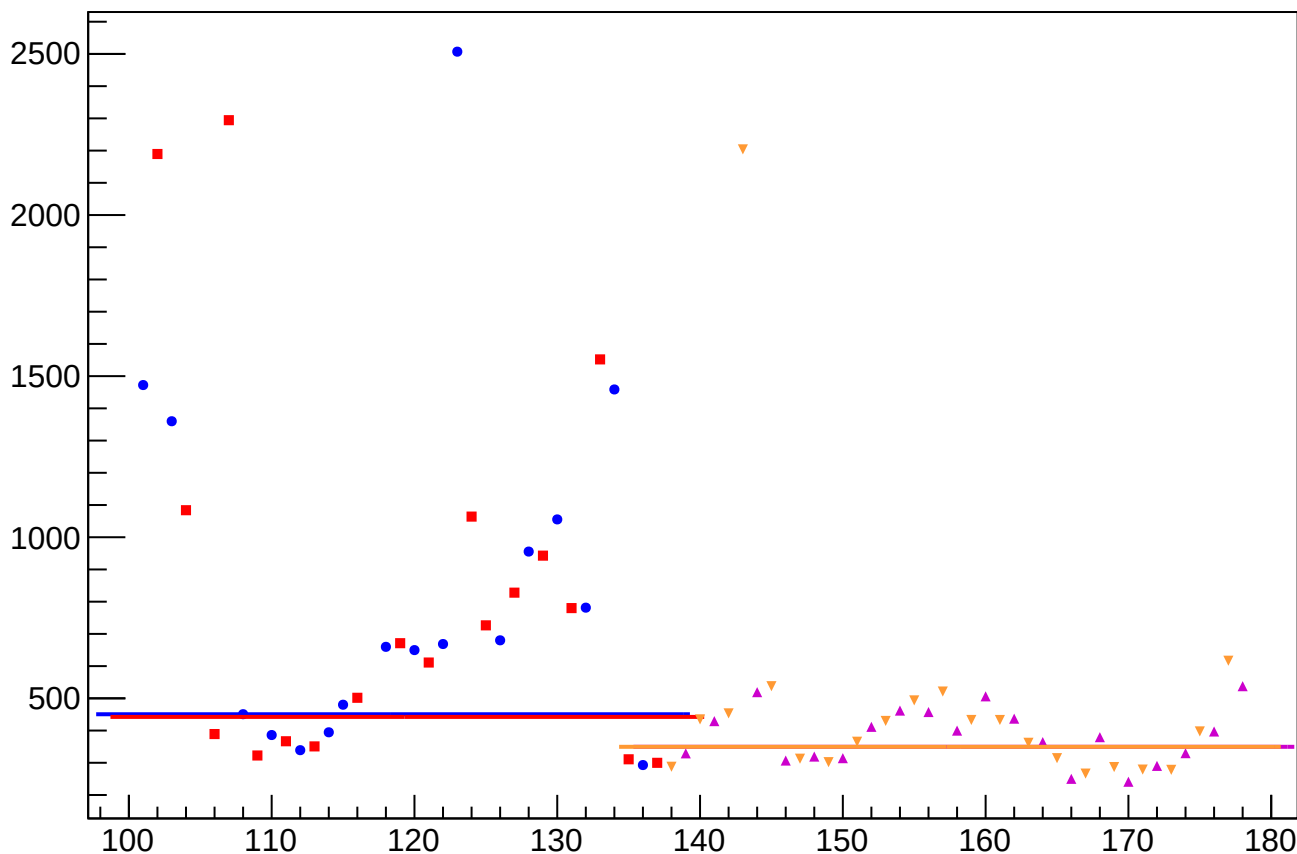
Right: -48.085 ± 138.058 χ^2/NDF : 35.0/34

In: 49.215 ± 82.548 χ^2/NDF : 35.1/36

Out: -182.388 ± 82.908 χ^2/NDF : 56.4/38

All: -66.083 ± 58.497 χ^2/NDF : 95.4/75

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 349.576+/-0.064 χ^2/NDF : 1559065.2/19

Left: 349.556+/-0.046 χ^2/NDF : 4294550.8/40

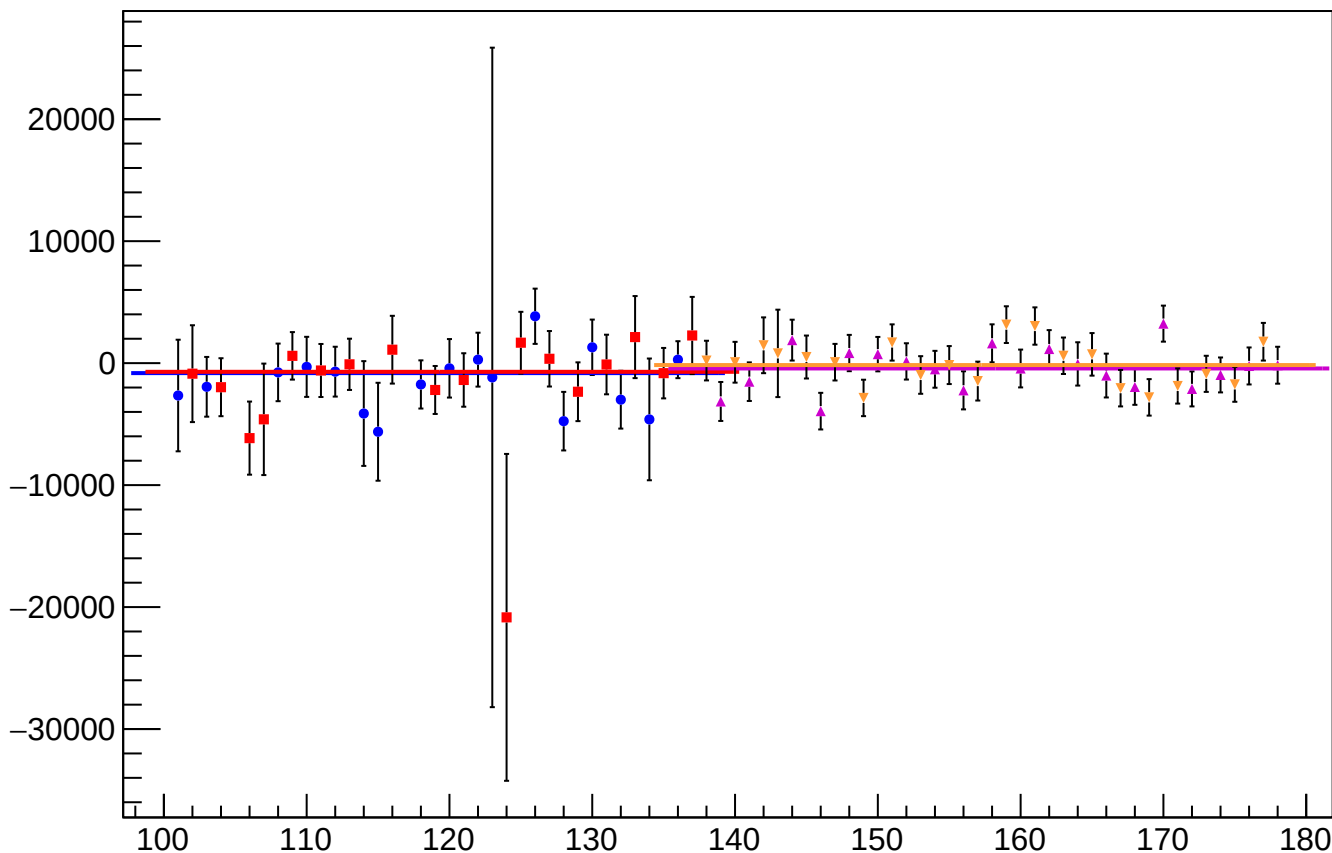
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 367.113+/-0.058 χ^2/NDF : 4986498.6/36

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

All: 366.935+/-0.041 χ^2/NDF : 11469218.5/75

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -158.545+/-347.417 χ^2/NDF : 25.5/20

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

Left In: -436.182+/-343.272 χ^2/NDF : 25.4/19

Left: -299.029+/-244.182 χ^2/NDF : 51.1/40

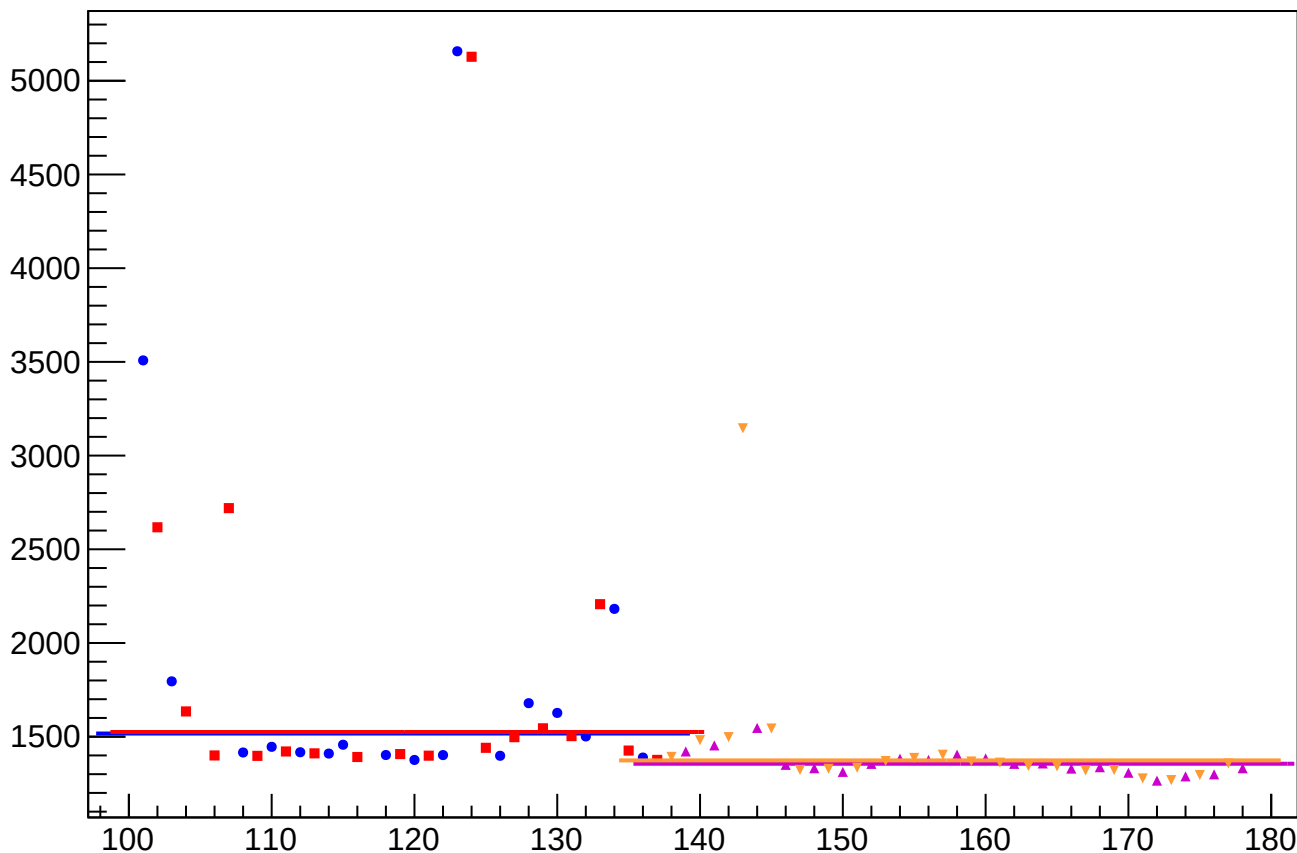
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -529.849+/-298.095 χ^2/NDF : 38.4/36

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

All: -414.988+/-211.509 χ^2/NDF : 76.2/75

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1355.637 ± 0.243 χ^2/NDF : 61556.0/19

Left: 1364.428 ± 0.173 χ^2/NDF : 624529.3/40

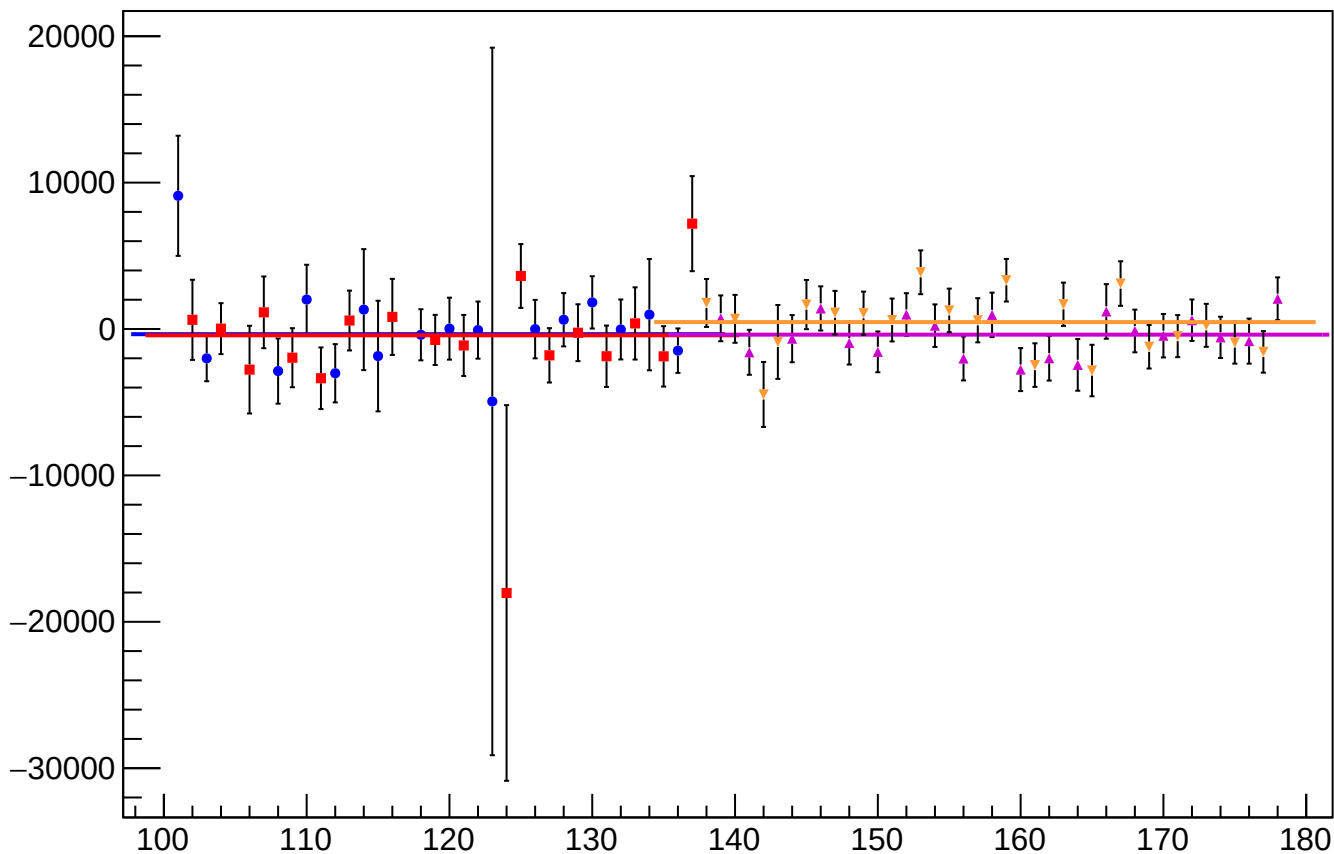
Right: 1521.052 ± 0.299 χ^2/NDF : 1113154.8/34

In: 1395.299 ± 0.211 χ^2/NDF : 711177.6/36

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

All: 1403.538 ± 0.150 χ^2/NDF : 1943155.4/75

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: 472.235 ± 339.365 $\chi^2/\text{NDF}: 31.9/20$

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

Left In: -384.827 ± 337.567 $\chi^2/\text{NDF}: 15.7/19$

Left: 41.429 ± 239.329 $\chi^2/\text{NDF}: 50.9/40$

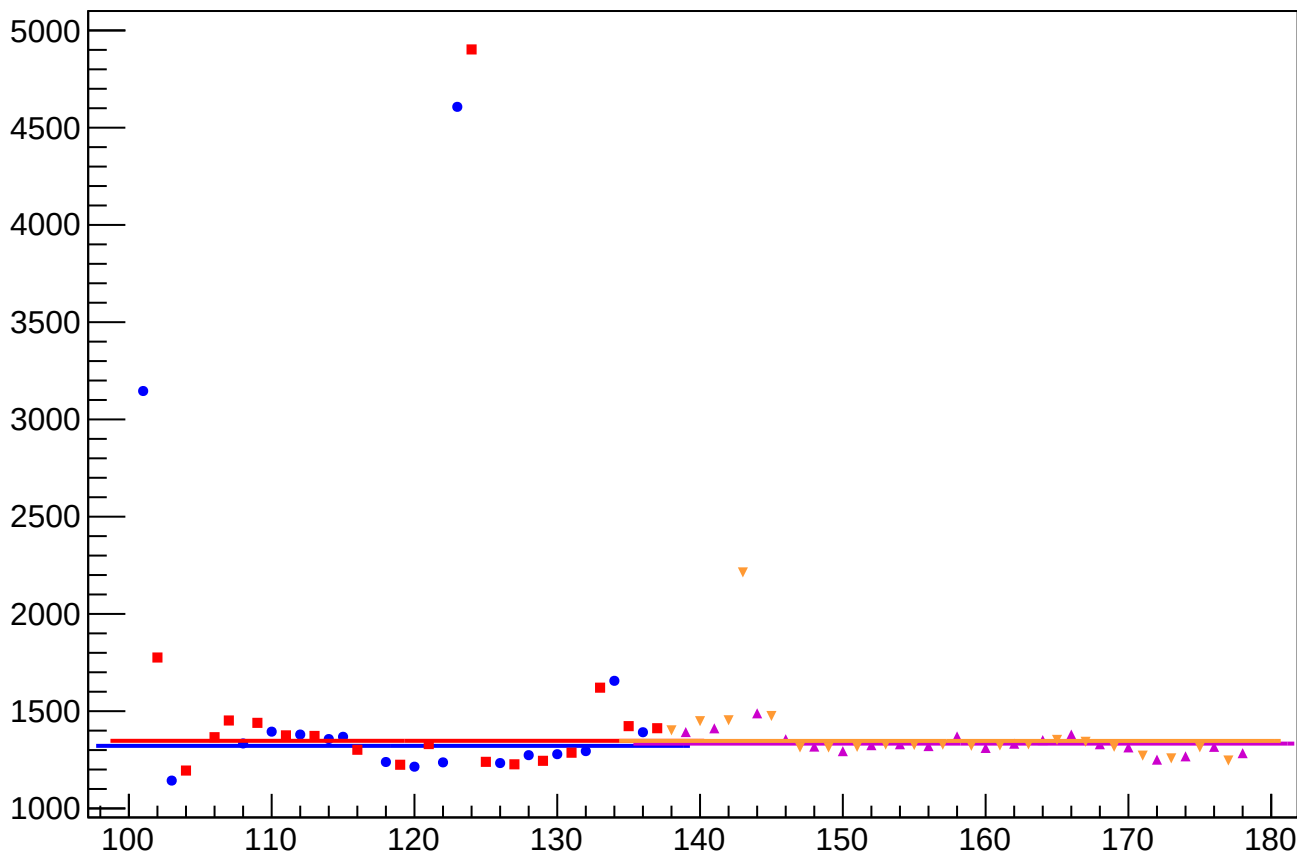
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -375.514 ± 283.672 $\chi^2/\text{NDF}: 29.1/36$

Out: 204.682 ± 284.577 $\chi^2/\text{NDF}: 50.9/38$

All: -86.340 ± 200.906 $\chi^2/\text{NDF}: 82.1/75$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1333.255 $\pm$ 0.239 χ^2 /NDF: 46231.9/19

Left: 1340.146 $\pm$ 0.169 χ^2 /NDF: 340089.1/40

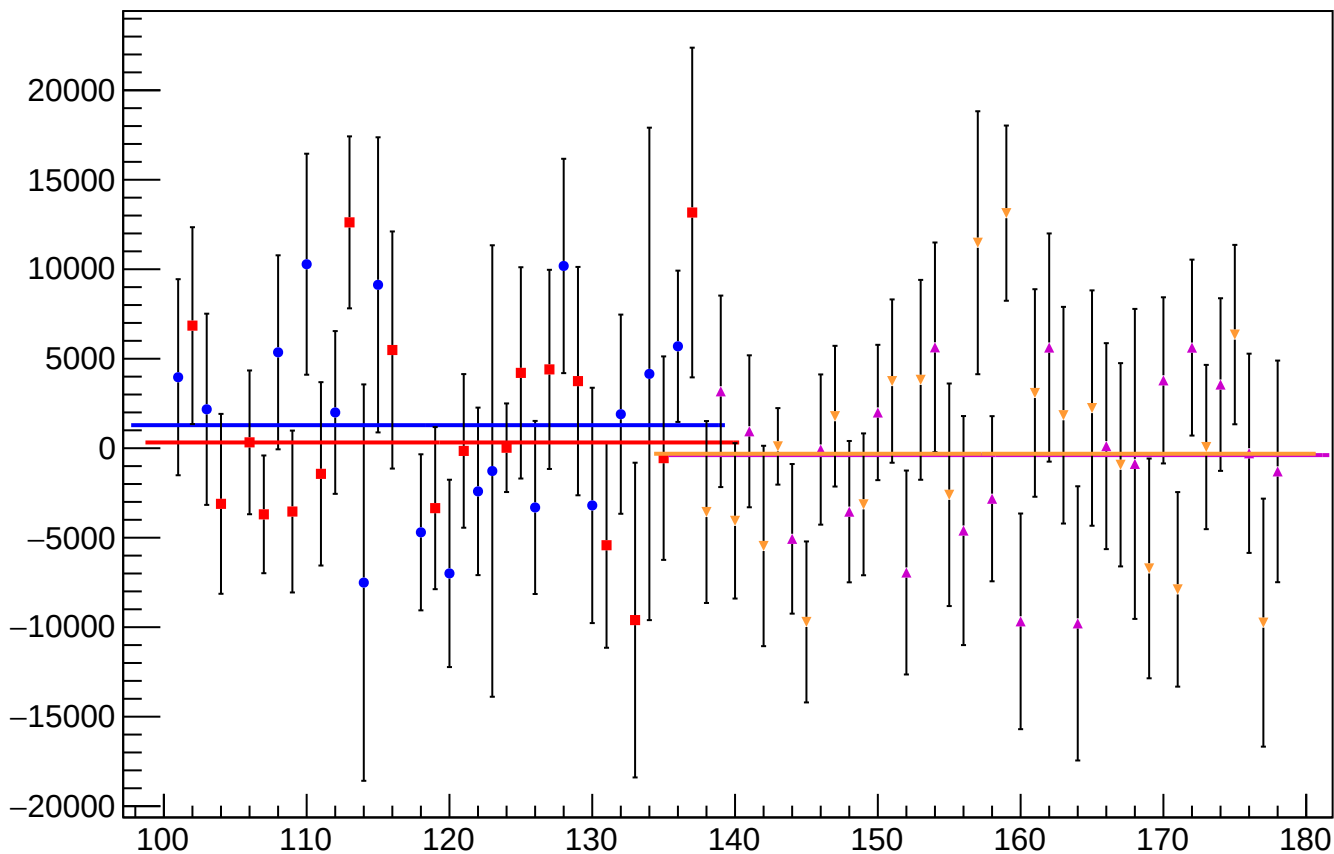
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1329.861 $\pm$ 0.201 χ^2 /NDF: 549165.9/36

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

All: 1338.539 $\pm$ 0.142 χ^2 /NDF: 1131404.9/75

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -385.254+/-1138.318 χ^2/NDF : 13.7/19

Left: -343.222+/-758.549 χ^2/NDF : 39.8/40

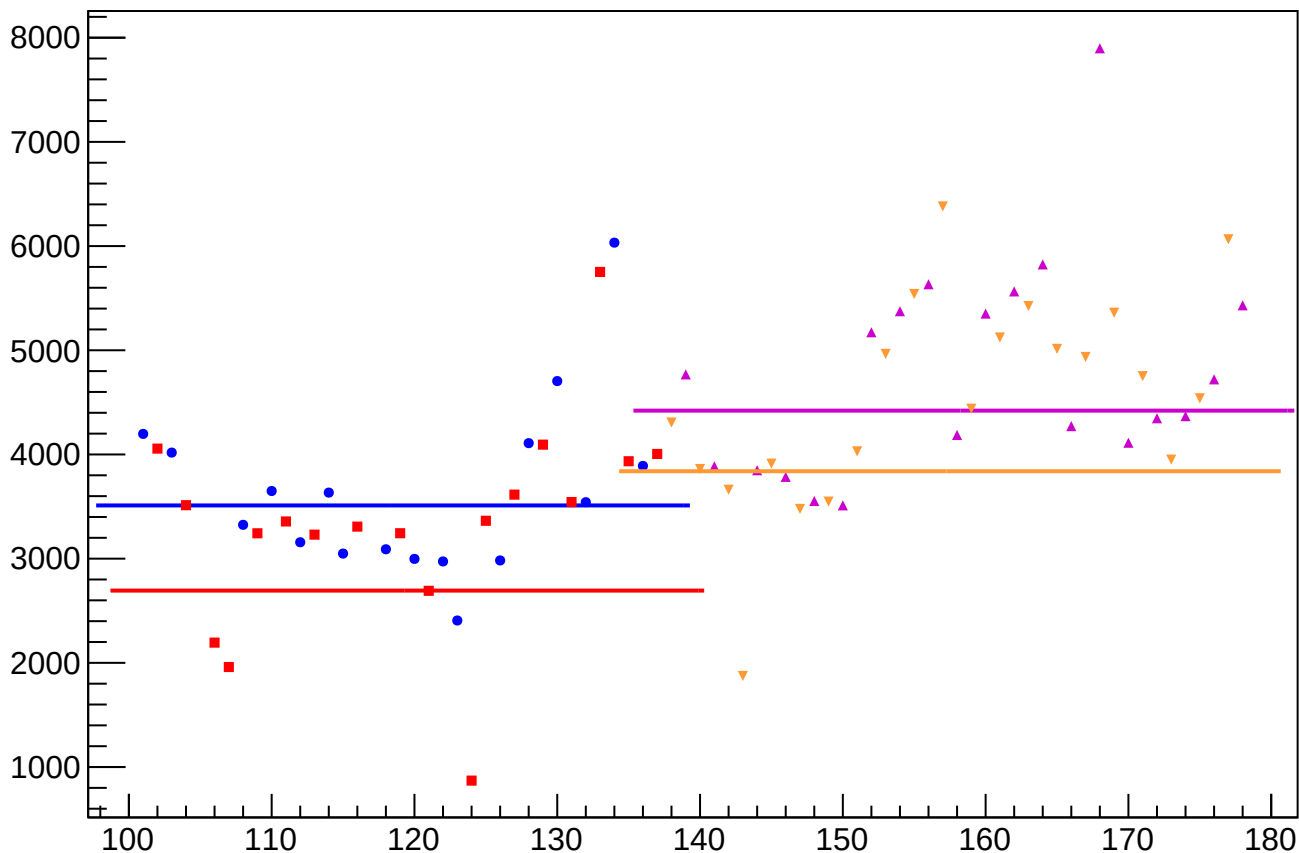
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 294.480+/-877.054 χ^2/NDF : 28.9/36

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

All: 112.402+/-569.403 χ^2/NDF : 72.8/75

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: 3839.191+/-0.719 χ^2/NDF : 3040322.6/20

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

Left In: 4420.848+/-0.805 χ^2/NDF : 1072252.3/19

Left: 4097.481+/-0.536 χ^2/NDF : 4402886.6/40

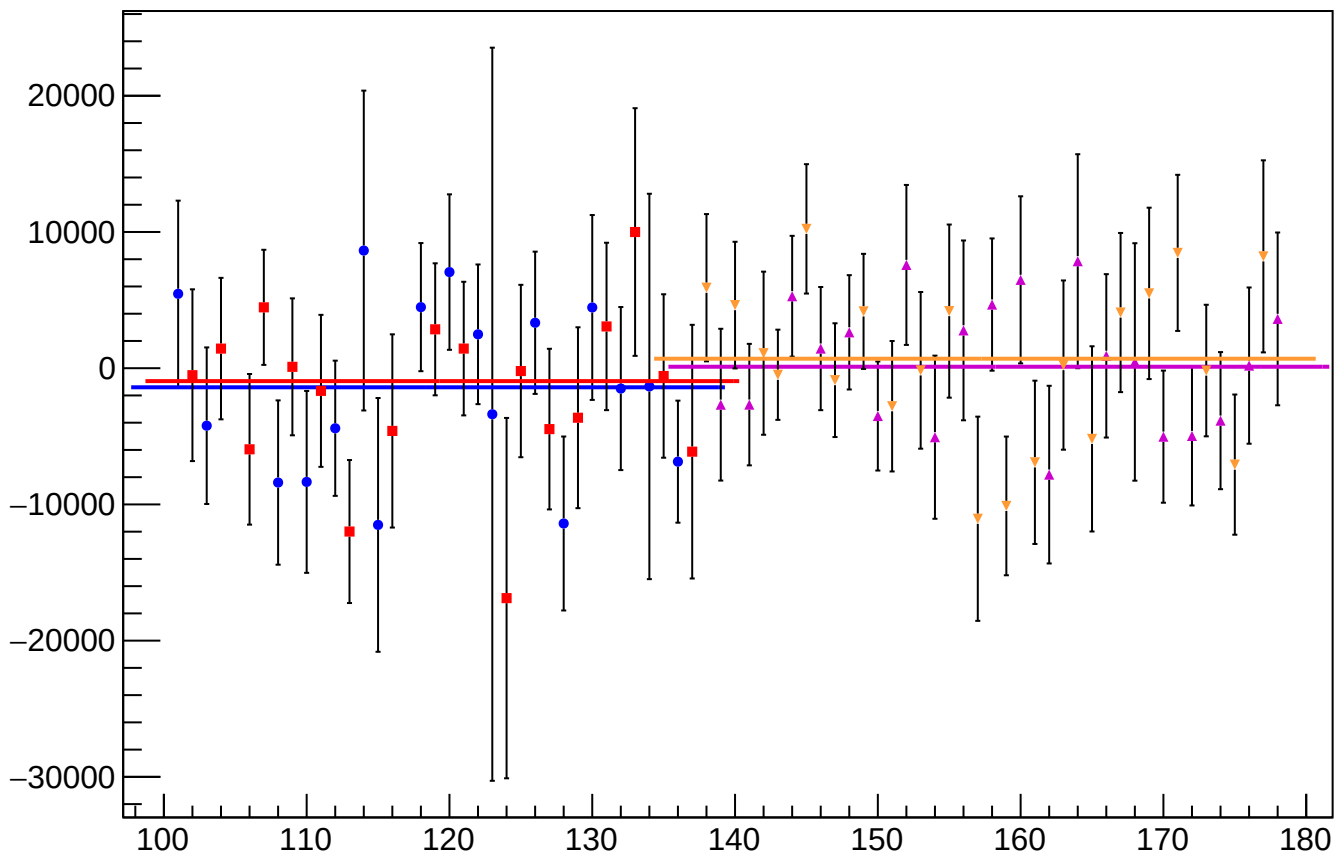
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 4051.043+/-0.620 χ^2/NDF : 1935753.0/36

Out: 3313.882+/-0.529 χ^2/NDF : 6329147.8/38

All: 3624.588+/-0.403 χ^2/NDF : 9082260.3/75

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 697.192 $\pm$ 1136.999 χ^2 /NDF: 23.0/20

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

Left In: 107.634 $\pm$ 1189.528 χ^2 /NDF: 13.3/19

Left: 415.718 $\pm$ 821.923 χ^2 /NDF: 36.4/40

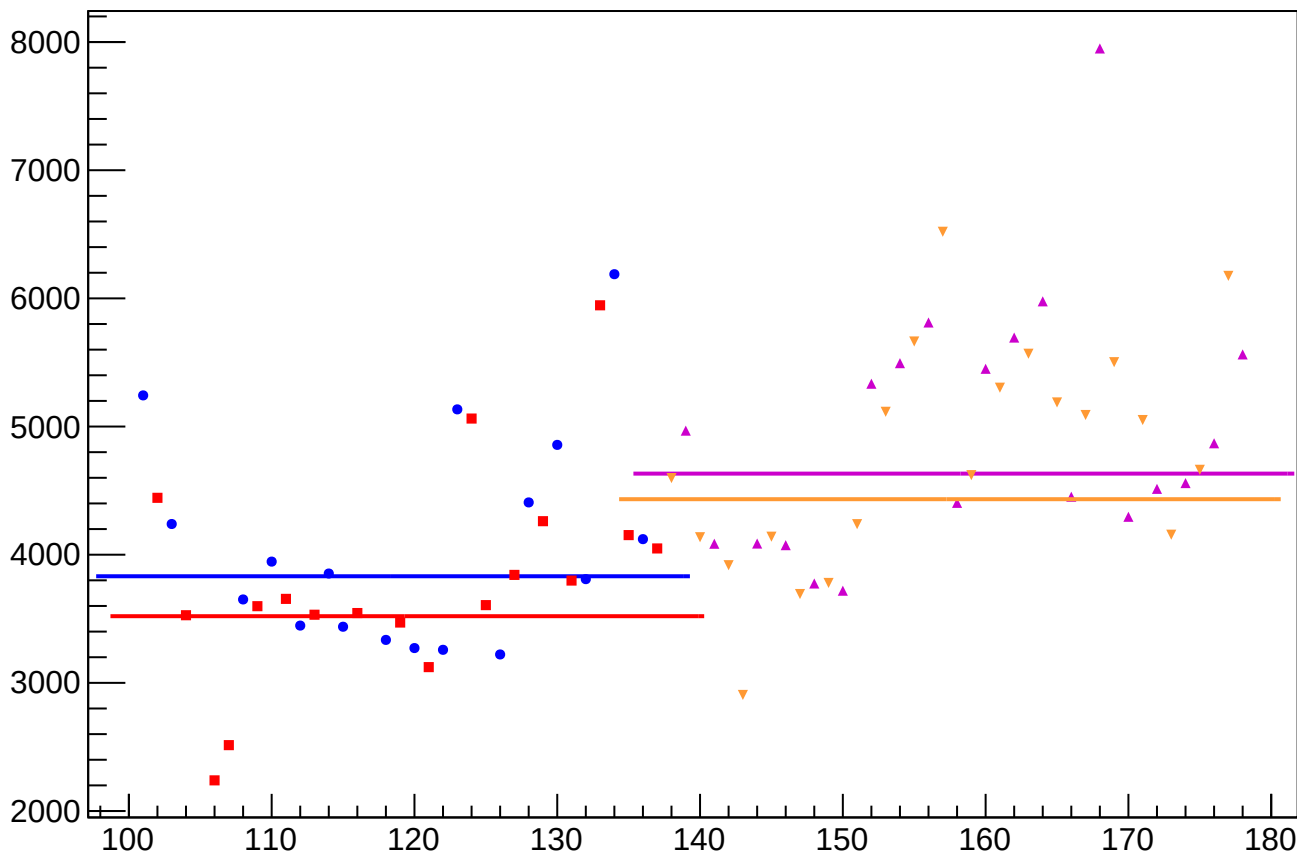
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -473.016 $\pm$ 933.024 χ^2 /NDF: 29.7/36

Out: 33.533 $\pm$ 878.214 χ^2 /NDF: 36.3/38

All: -204.427 $\pm$ 639.490 χ^2 /NDF: 66.2/75

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 4632.691+/-0.841 χ^2/NDF : 920244.9/19

Left: 4528.393+/-0.581 χ^2/NDF : 2155207.5/40

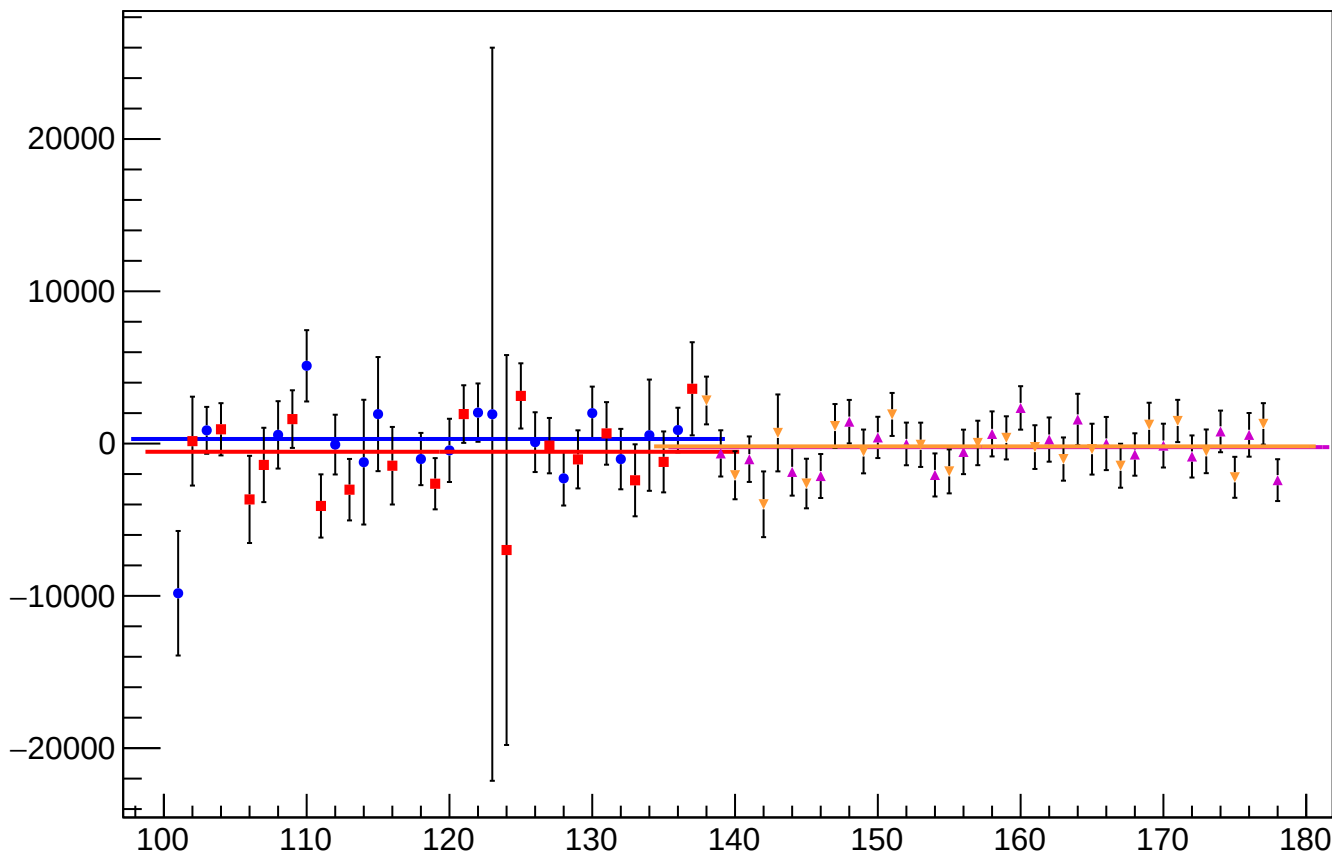
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4324.528+/-0.660 χ^2/NDF : 1606791.3/36

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

All: 4184.197+/-0.451 χ^2/NDF : 3967341.5/75

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -234.315 ± 325.073 $\chi^2/\text{NDF}: 15.1/19$

Left: -209.472 ± 230.625 $\chi^2/\text{NDF}: 37.4/40$

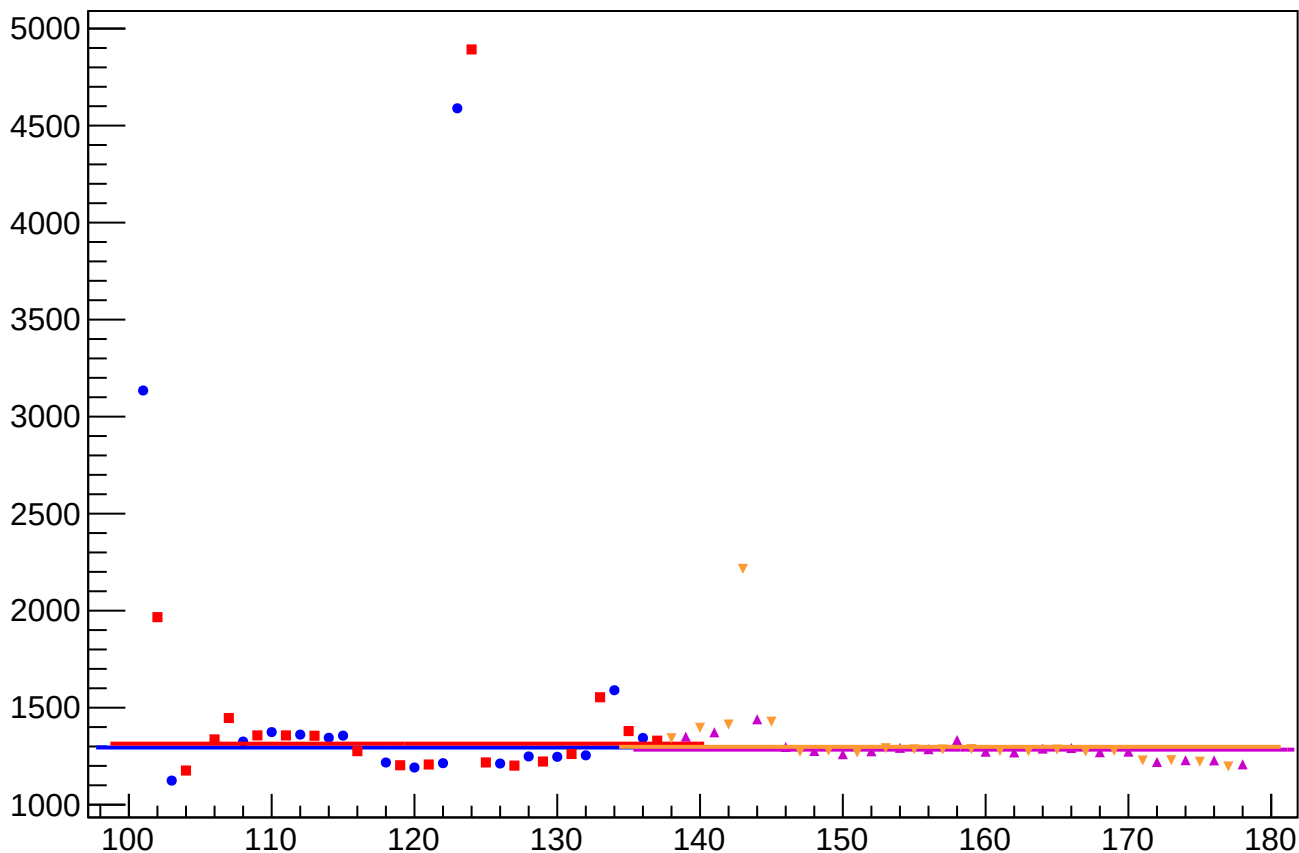
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -80.600 ± 274.560 $\chi^2/\text{NDF}: 31.9/36$

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

All: -183.929 ± 194.374 $\chi^2/\text{NDF}: 72.3/75$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1283.755 $\pm$ 0.230 χ^2 /NDF:51520.6/19

Left: 1290.971 $\pm$ 0.163 χ^2 /NDF: 376606.3/40

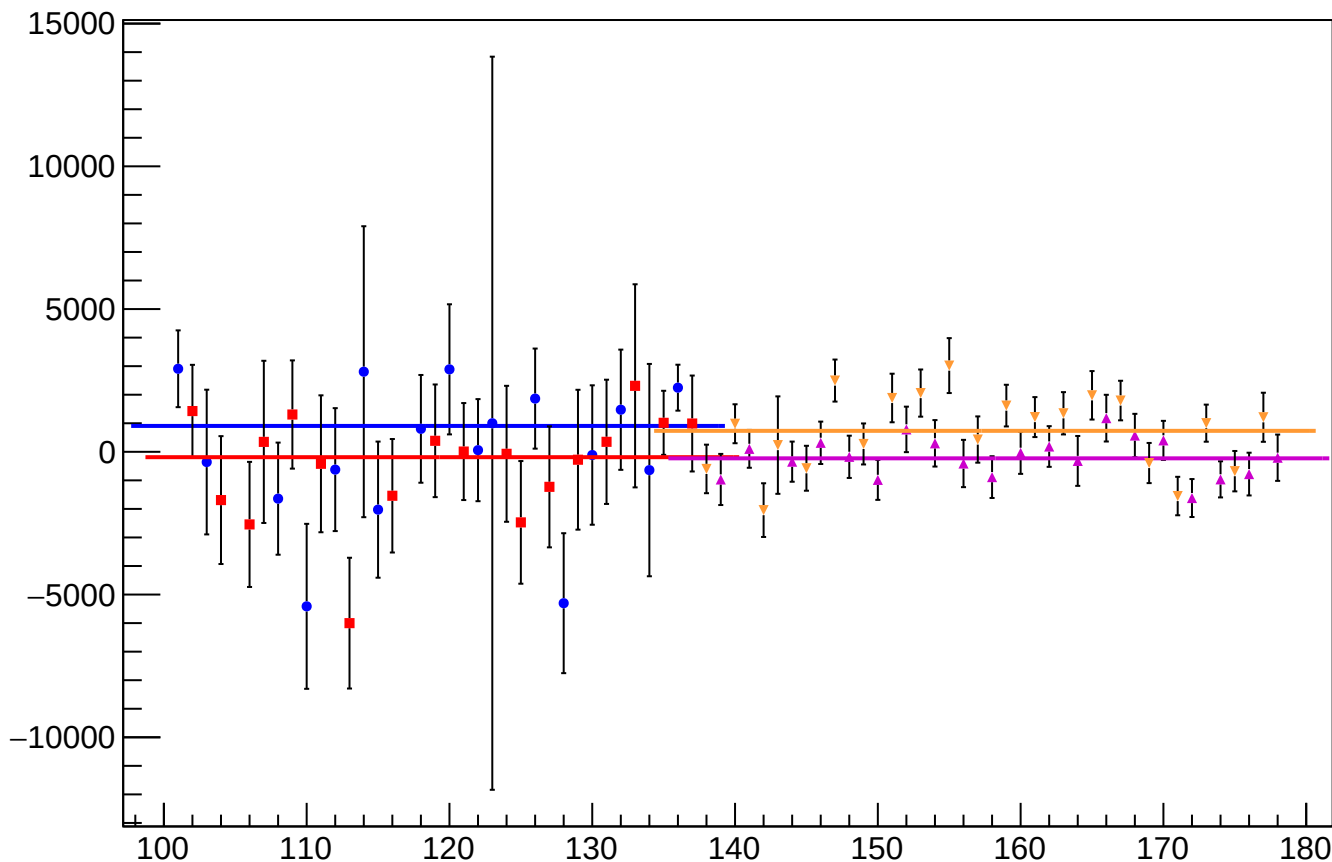
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1286.900 $\pm$ 0.194 χ^2 /NDF:559977.9/36

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

All: 1294.959 $\pm$ 0.137 χ^2 /NDF: 1221825.6/75

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

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

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

Left In: -228.635 $\pm$ 166.245 χ^2 /NDF:17.2/19

Left: 245.017 $\pm$ 118.516 χ^2 /NDF: 89.8/40

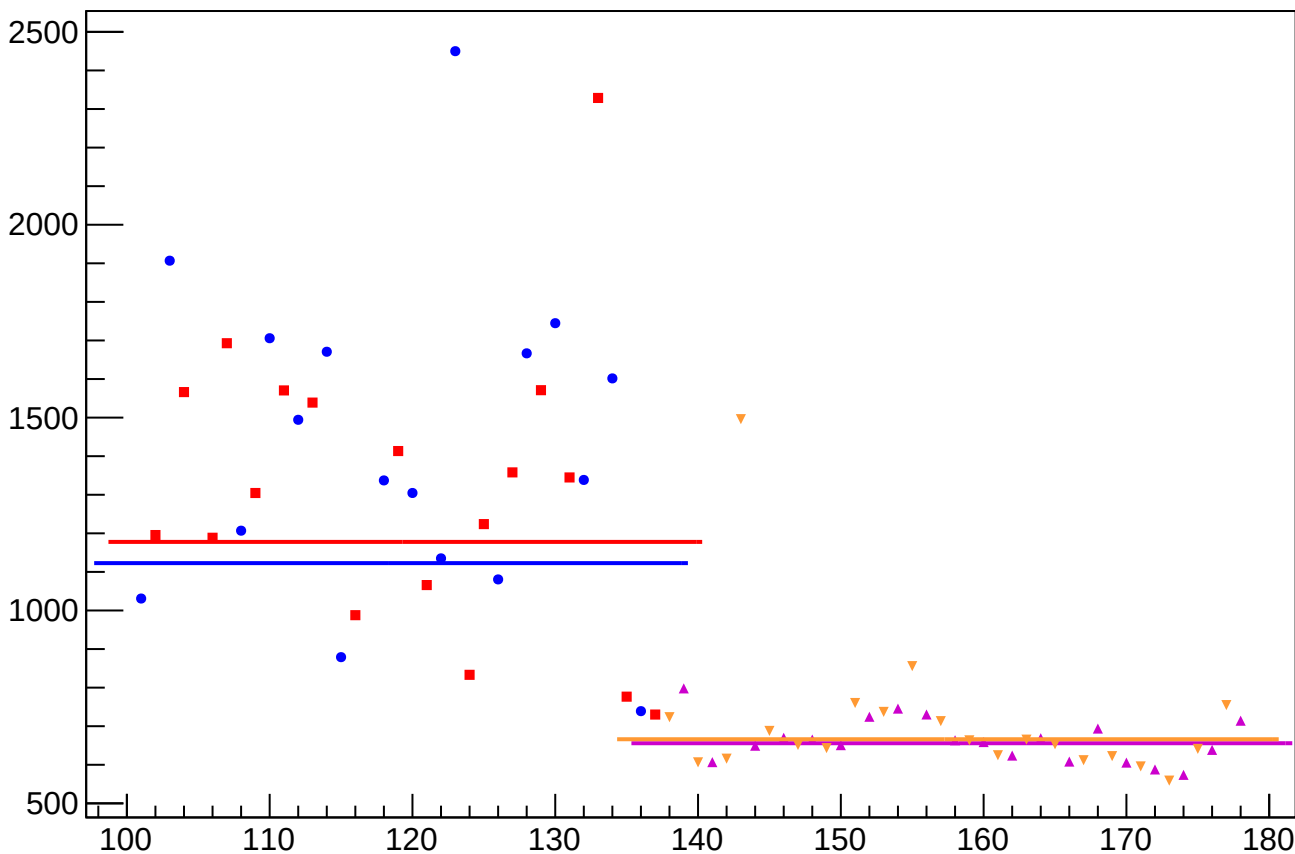
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -95.357 $\pm$ 156.182 χ^2 /NDF:44.6/36

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

All: 259.612 $\pm$ 111.358 χ^2 /NDF: 128.6/75

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2/NDF : 1187996.4/16

Left Out: 666.196 $\pm$ 0.120 χ^2/NDF : 758504.7/20

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 655.861 $\pm$ 0.118 χ^2/NDF : 211229.5/19

Left: 660.944 $\pm$ 0.084 χ^2/NDF : 973535.2/40

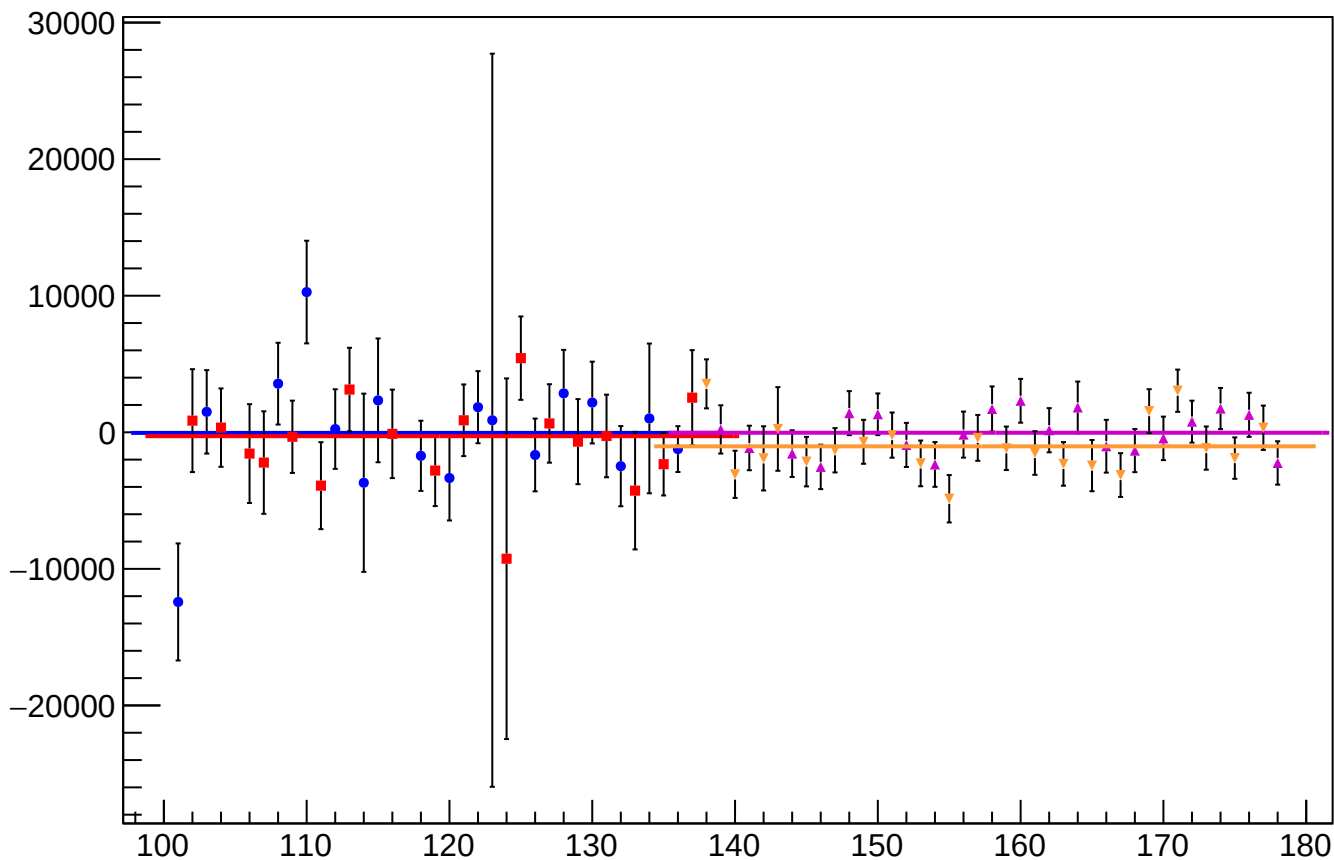
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 710.673 $\pm$ 0.110 χ^2/NDF : 3251232.5/36

Out: 725.995 $\pm$ 0.112 χ^2/NDF : 3922461.3/38

All: 718.206 $\pm$ 0.079 χ^2/NDF : 7183157.1/75

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 747.588 χ^2/NDF : 23.2/16

Left Out: -1027.567 $\pm$ 370.440 χ^2/NDF :28.1/20

Right Out: -285.373 $\pm$ 735.391 χ^2/NDF : 10.6/17

Left In: -33.019 $\pm$ 366.079 χ^2/NDF :17.0/19

Left: -524.406 $\pm$ 260.385 χ^2/NDF : 48.8/40

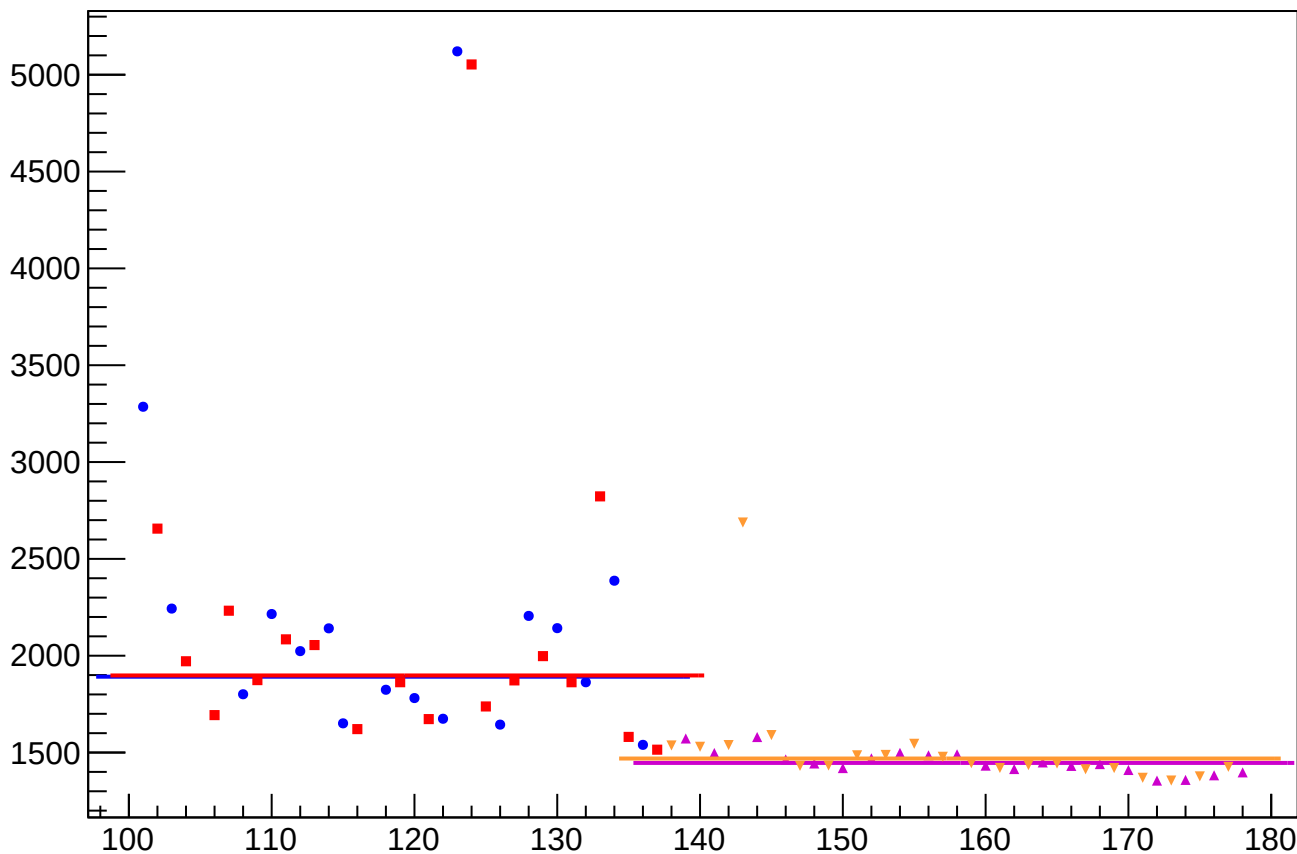
Right: -166.852 $\pm$ 524.259 χ^2/NDF : 33.9/34

In: -35.214 $\pm$ 328.777 χ^2/NDF :40.2/36

Out: -877.354 $\pm$ 330.836 χ^2/NDF :39.5/38

All: -453.656 $\pm$ 233.205 χ^2/NDF : 83.0/75

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1469.051 $\pm$ 0.262 χ^2 /NDF: 374461.9/20

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1446.343 $\pm$ 0.259 χ^2 /NDF: 51209.2/19

Left: 1457.563 $\pm$ 0.184 χ^2 /NDF: 429473.3/40

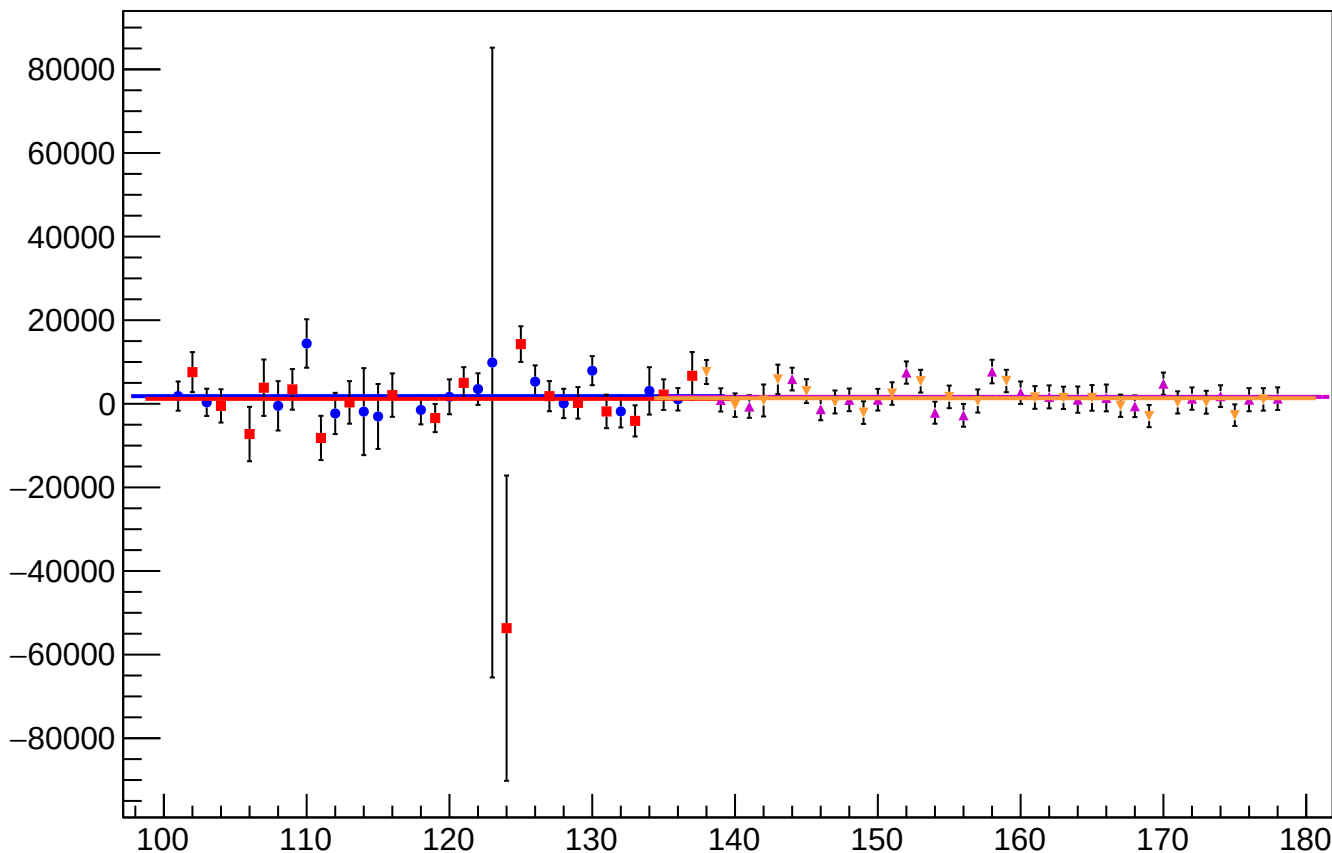
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1532.474 $\pm$ 0.232 χ^2 /NDF: 1092719.6/36

Out: 1555.870 $\pm$ 0.234 χ^2 /NDF: 1340939.2/38

All: 1544.099 $\pm$ 0.165 χ^2 /NDF: 2438691.0/75

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1334.062 $\pm$ 609.523 χ^2 /NDF:19.4/20

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1653.194 $\pm$ 609.909 χ^2 /NDF:21.2/19

Left: 1493.527 $\pm$ 431.134 χ^2 /NDF: 40.8/40

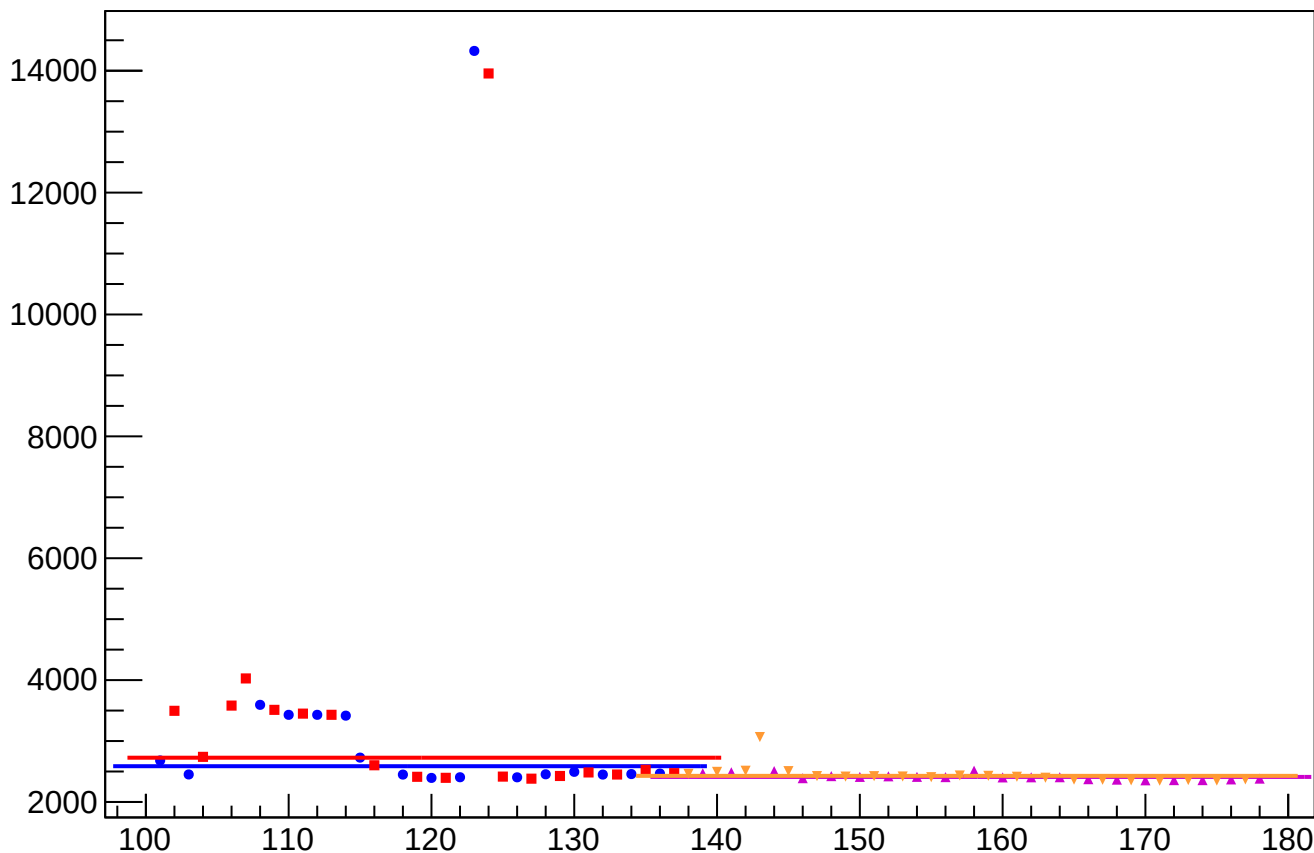
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1699.103 $\pm$ 522.122 χ^2 /NDF:33.8/36

Out: 1295.934 $\pm$ 527.133 χ^2 /NDF:44.9/38

All: 1499.444 $\pm$ 370.955 χ^2 /NDF: 79.0/75

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2428.596+/-0.431 χ^2/NDF : 79094.0/20

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2411.136+/-0.431 χ^2/NDF : 11851.6/19

Left: 2419.871+/-0.305 χ^2/NDF : 91765.6/40

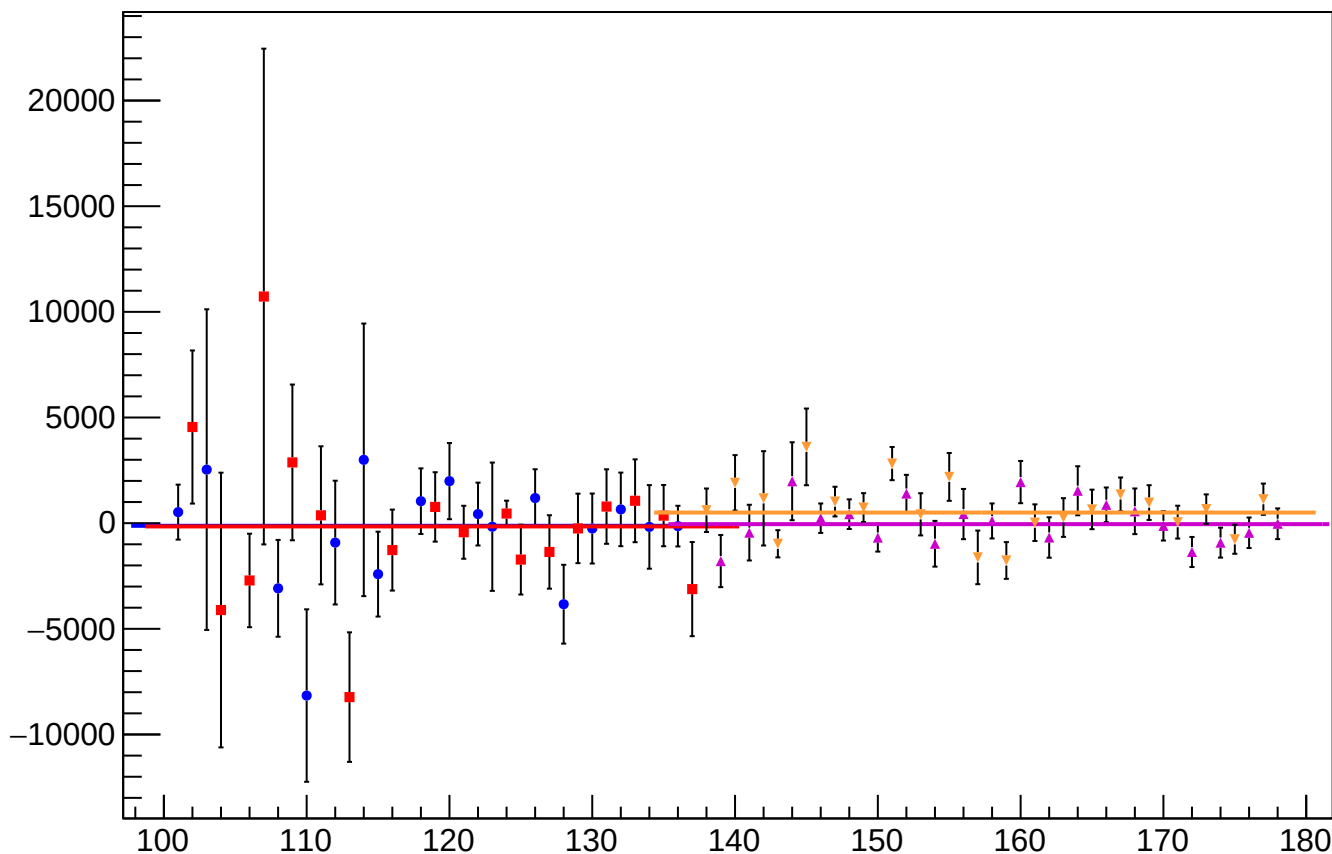
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2458.113+/-0.369 χ^2/NDF : 310376.5/36

Out: 2503.678+/-0.373 χ^2/NDF : 780337.3/38

All: 2480.678+/-0.262 χ^2/NDF : 1098257.0/75

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 502.559 ± 187.811 χ^2/NDF : 37.1/20

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: -46.126 ± 191.661 χ^2/NDF : 21.6/19

Left: 233.783 ± 134.143 χ^2/NDF : 62.8/40

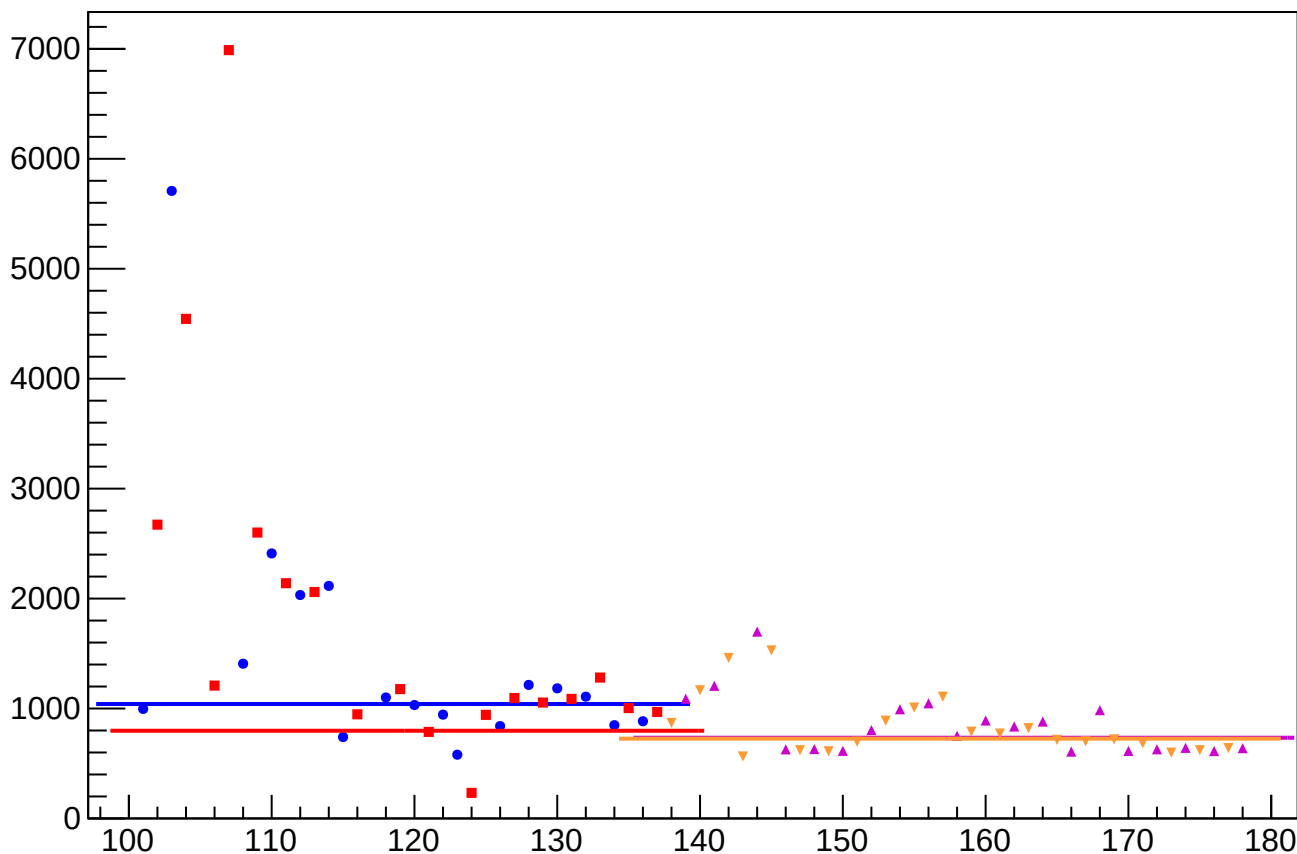
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: -59.073 ± 175.110 χ^2/NDF : 36.3/36

Out: 374.053 ± 168.449 χ^2/NDF : 57.0/38

All: 165.884 ± 121.398 χ^2/NDF : 96.5/75

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 725.901+/-0.133 χ^2/NDF : 1646207.4/20

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 734.200+/-0.136 χ^2/NDF : 1877457.2/19

Left: 729.966+/-0.095 χ^2/NDF : 3525577.1/40

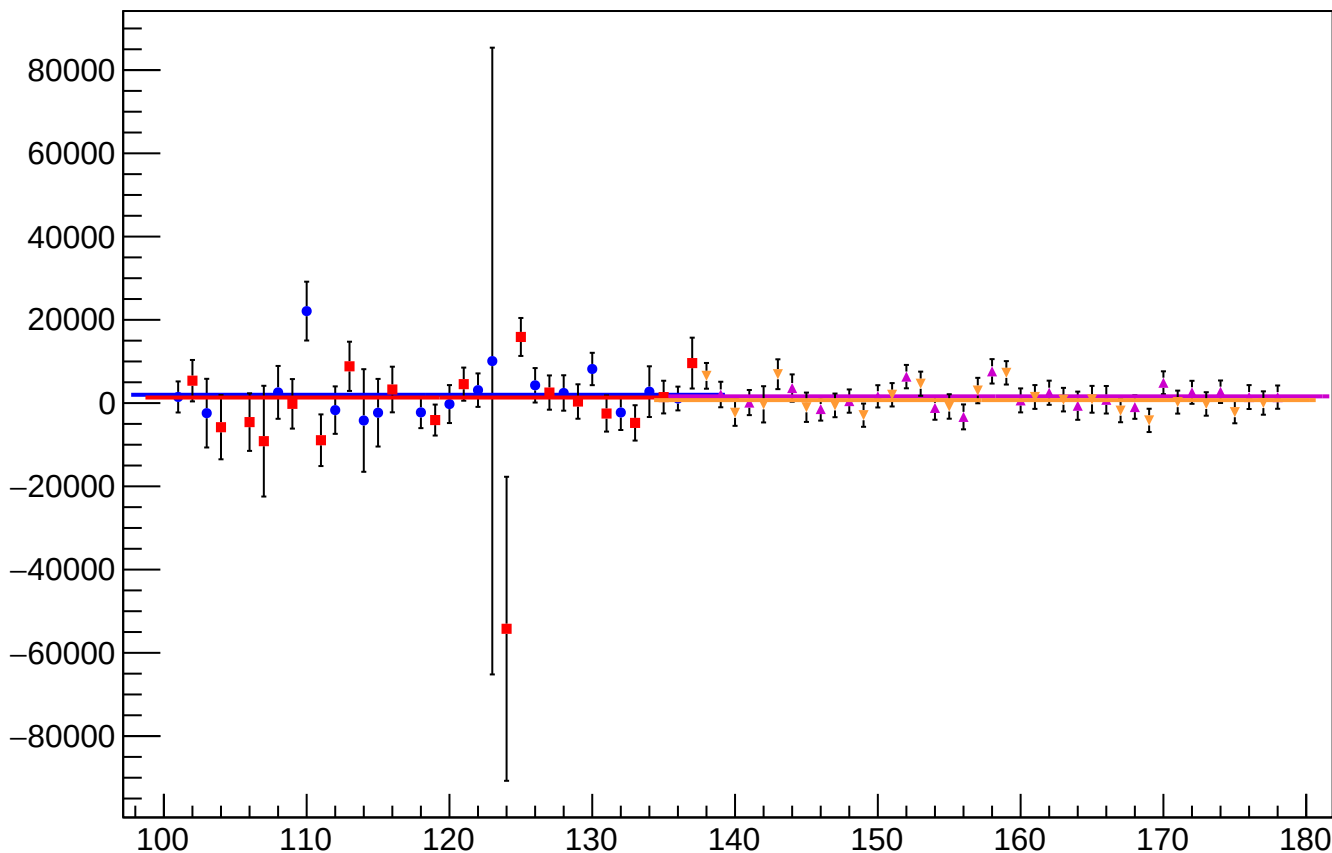
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 784.860+/-0.124 χ^2/NDF : 4296054.5/36

Out: 739.948+/-0.119 χ^2/NDF : 6877749.0/38

All: 761.534+/-0.086 χ^2/NDF : 11242133.6/75

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 715.636+/-647.267 χ^2/NDF : 23.3/20

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1618.898+/-648.660 χ^2/NDF : 16.0/19

Left: 1166.296+/-458.179 χ^2/NDF : 40.2/40

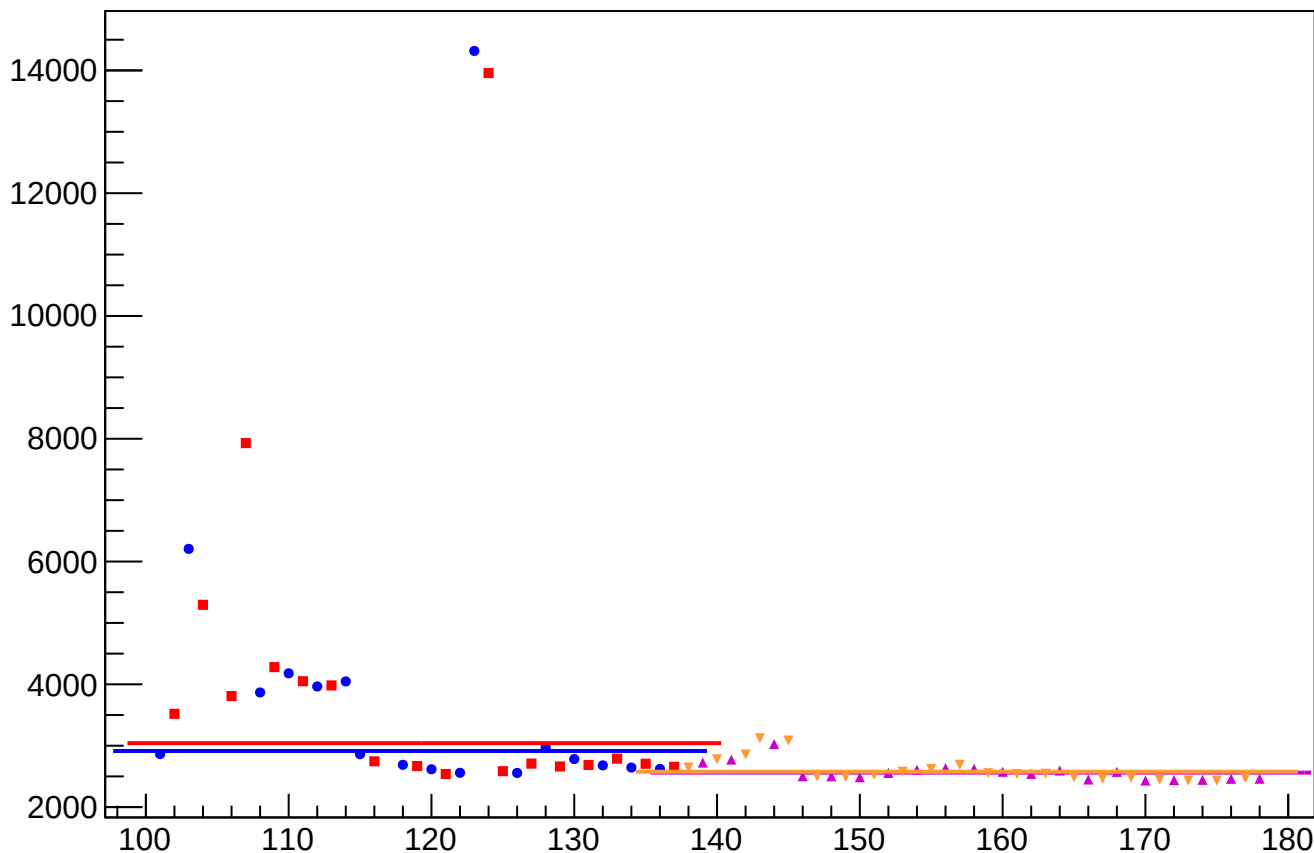
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1709.375+/-565.577 χ^2/NDF : 31.0/36

Out: 856.729+/-569.004 χ^2/NDF : 51.0/38

All: 1285.627+/-401.130 χ^2/NDF : 83.1/75

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2576.223+/-0.458 χ^2/NDF :138624.4/20

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2561.238+/-0.459 χ^2/NDF :81715.1/19

Left: 2568.747+/-0.324 χ^2/NDF : 220874.3/40

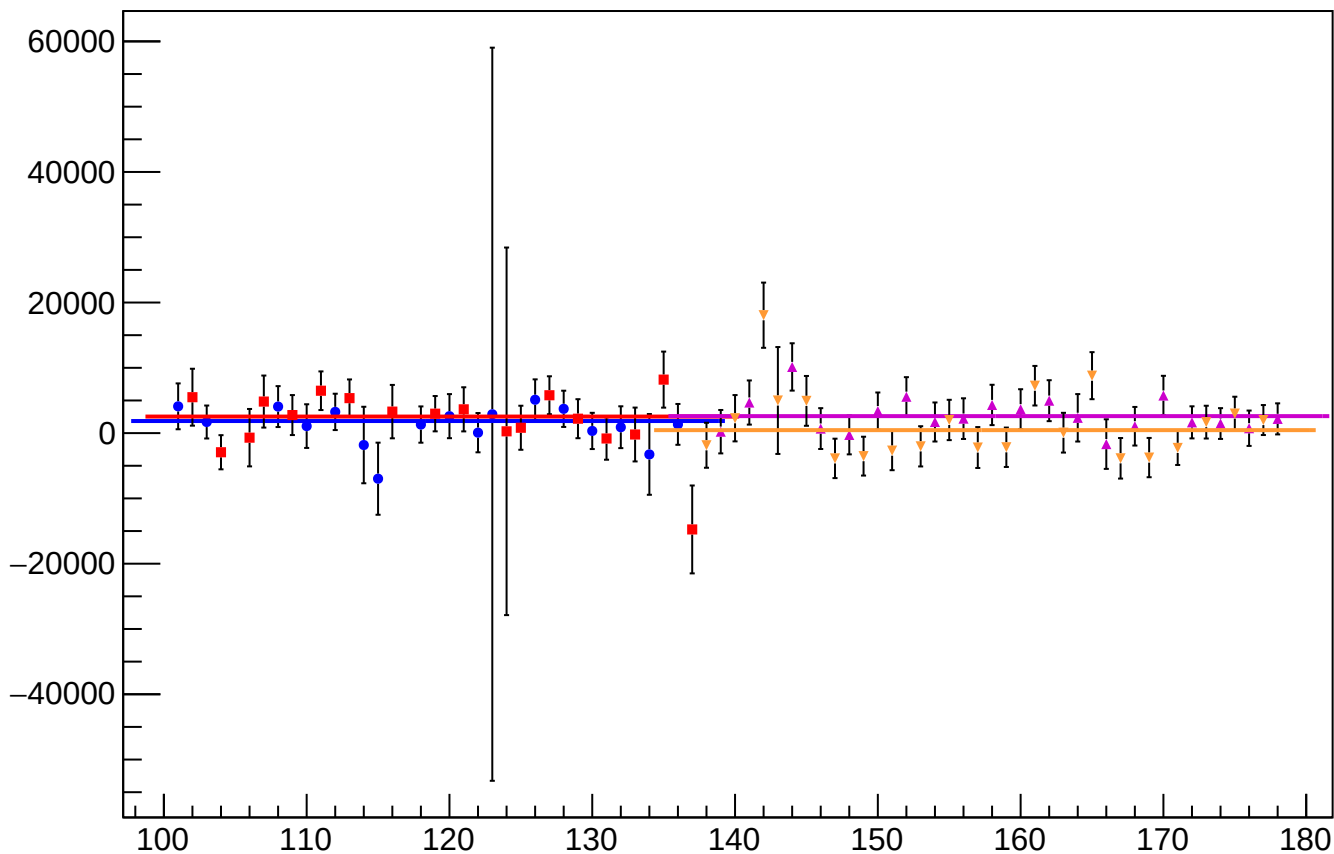
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2645.787+/-0.400 χ^2/NDF :862419.8/36

Out: 2681.875+/-0.402 χ^2/NDF :1376736.7/38

All: 2663.722+/-0.284 χ^2/NDF : 2243203.2/75

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: 455.595+/-674.748 χ^2/NDF :39.2/20

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2602.251+/-665.383 χ^2/NDF :12.2/19

Left: 1543.924+/-473.773 χ^2/NDF : 56.5/40

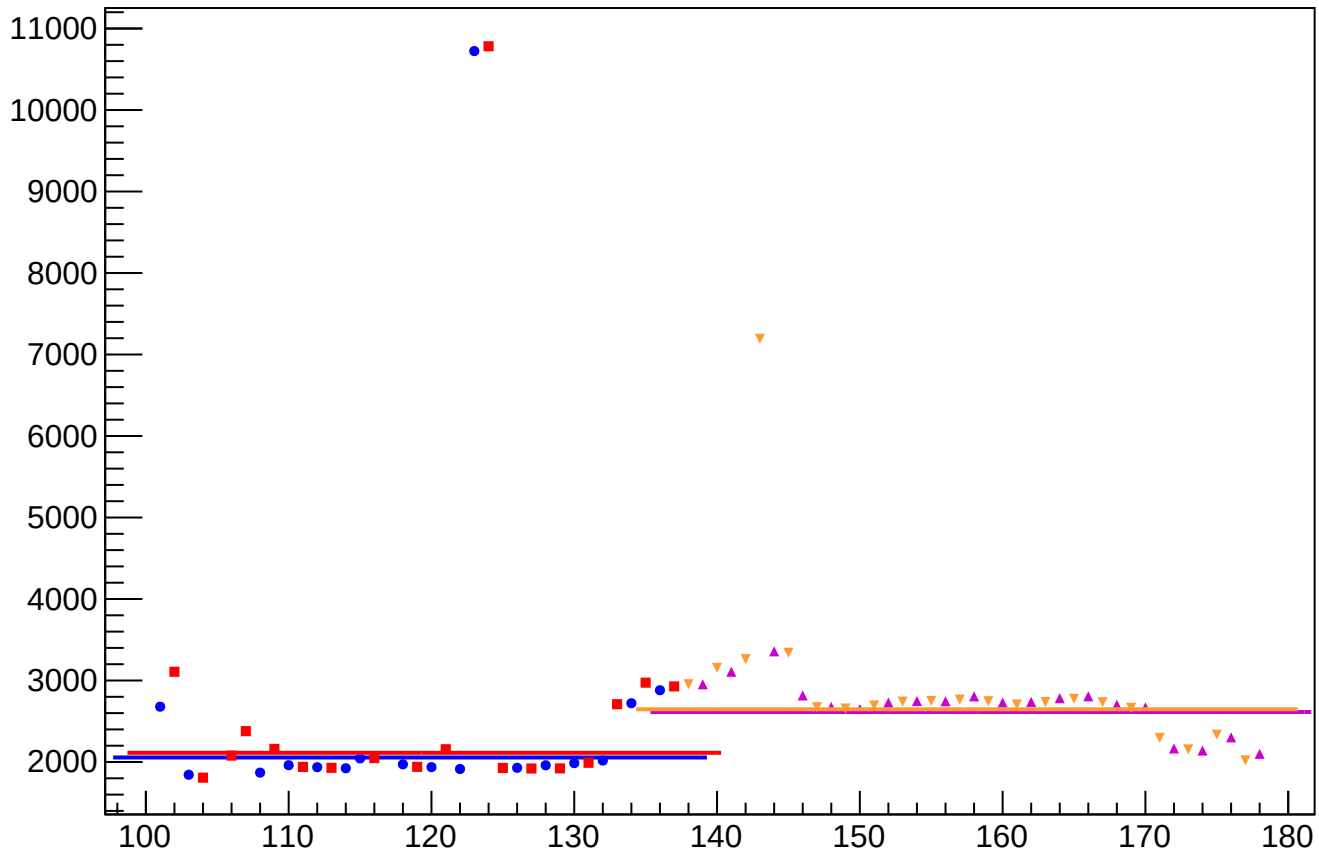
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2297.745+/-513.319 χ^2/NDF :20.0/36

Out: 1296.016+/-520.855 χ^2/NDF :63.1/38

All: 1804.180+/-365.607 χ^2/NDF : 84.9/75

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2647.254 $\pm$ 0.477 χ^2/NDF : 1077698.0/20

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2613.637 $\pm$ 0.470 χ^2/NDF : 460020.3/19

Left: 2630.211 $\pm$ 0.335 χ^2/NDF : 1540235.1/40

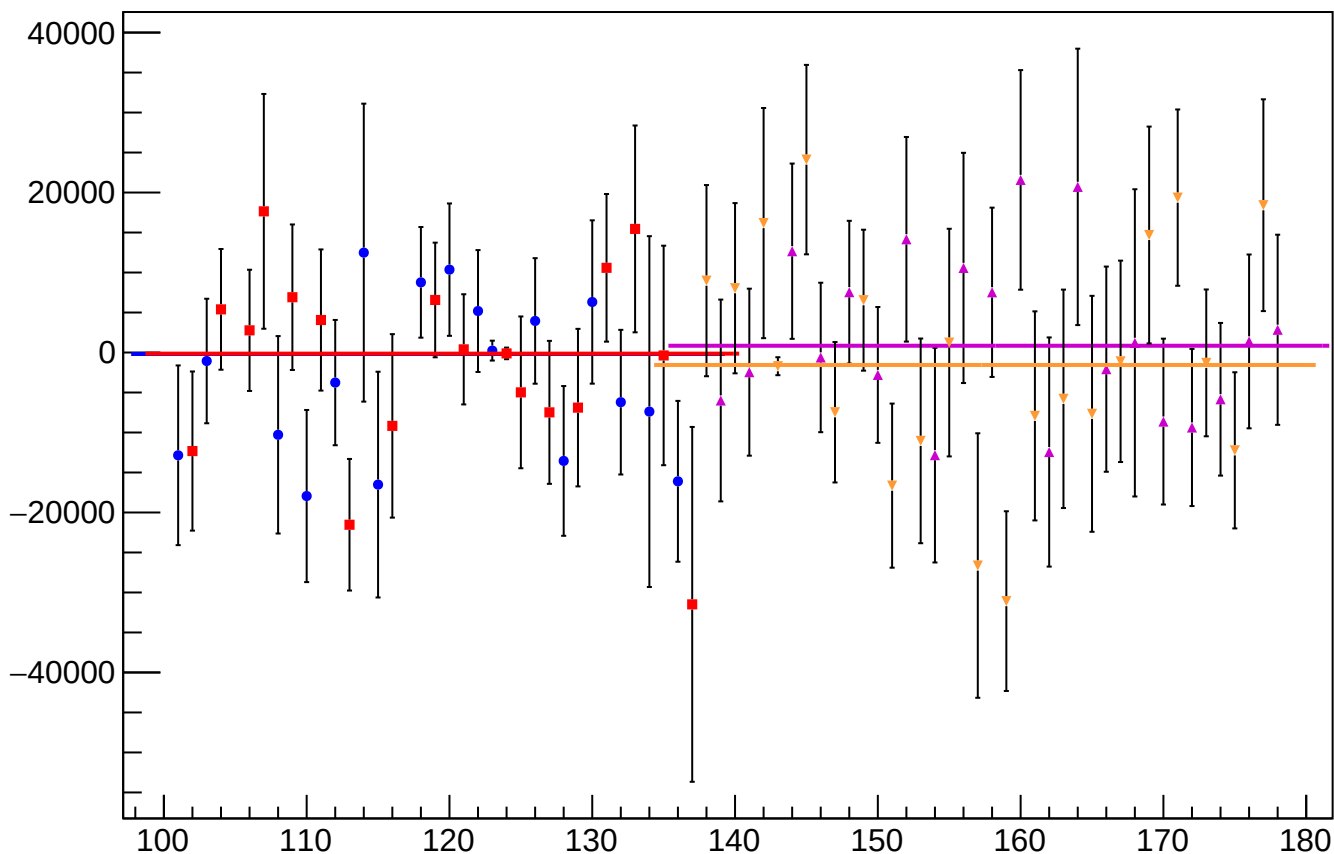
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2387.658 $\pm$ 0.363 χ^2/NDF : 1346224.9/36

Out: 2431.081 $\pm$ 0.368 χ^2/NDF : 2116751.8/38

All: 2409.066 $\pm$ 0.258 χ^2/NDF : 3470032.7/75

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1558.646+/-1029.436 χ^2/NDF : 30.1/20

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 846.138+/-2534.948 χ^2/NDF : 12.3/19

Left: -1218.204+/-953.789 χ^2/NDF : 43.1/40

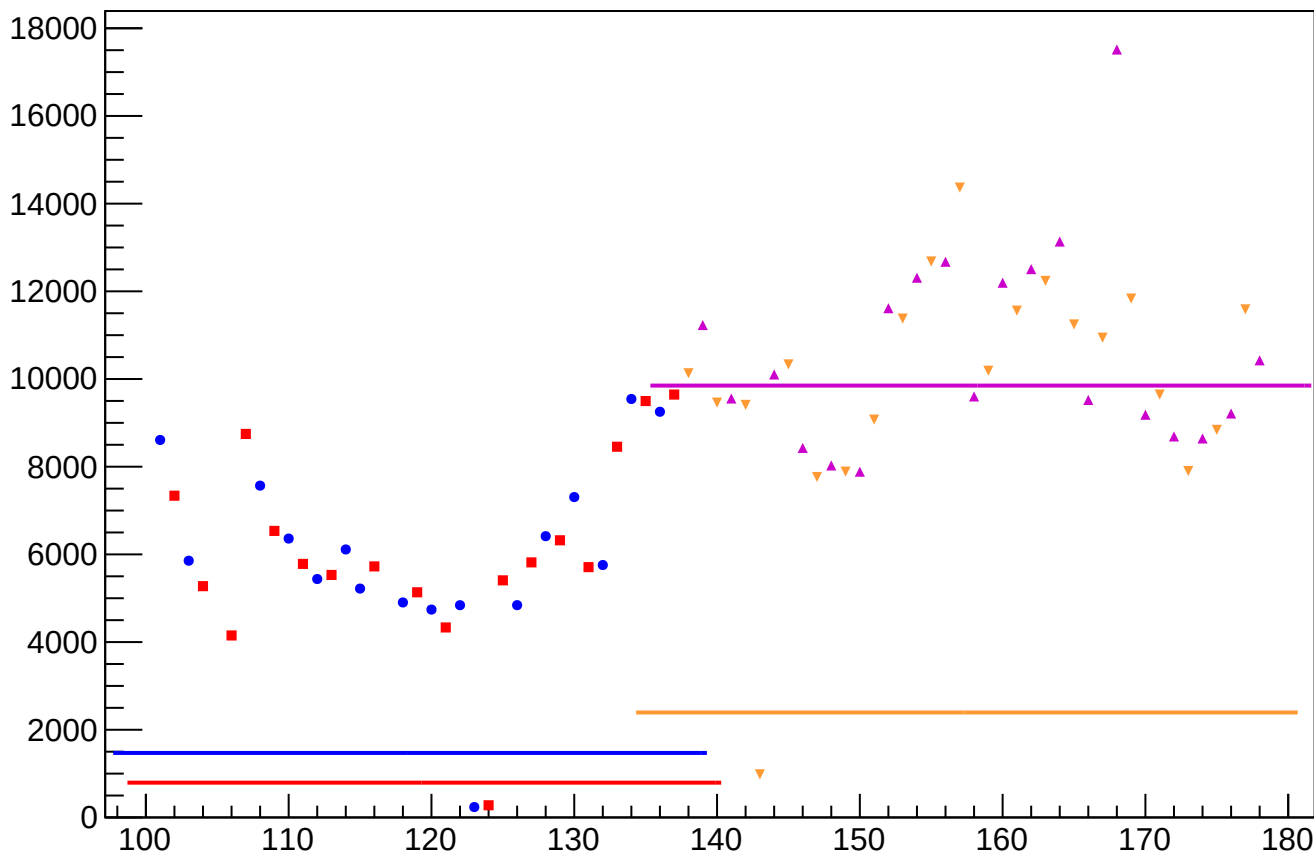
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -21.617+/-1009.692 χ^2/NDF : 28.8/36

Out: -581.966+/-573.721 χ^2/NDF : 50.4/38

All: -445.204+/-498.818 χ^2/NDF : 79.4/75

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2394.522+/-0.728 χ^2/NDF : 20729226.8/20

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9850.152+/-1.792 χ^2/NDF : 1045775.5/19

Left: 3450.005+/-0.674 χ^2/NDF : 36626361.7/40

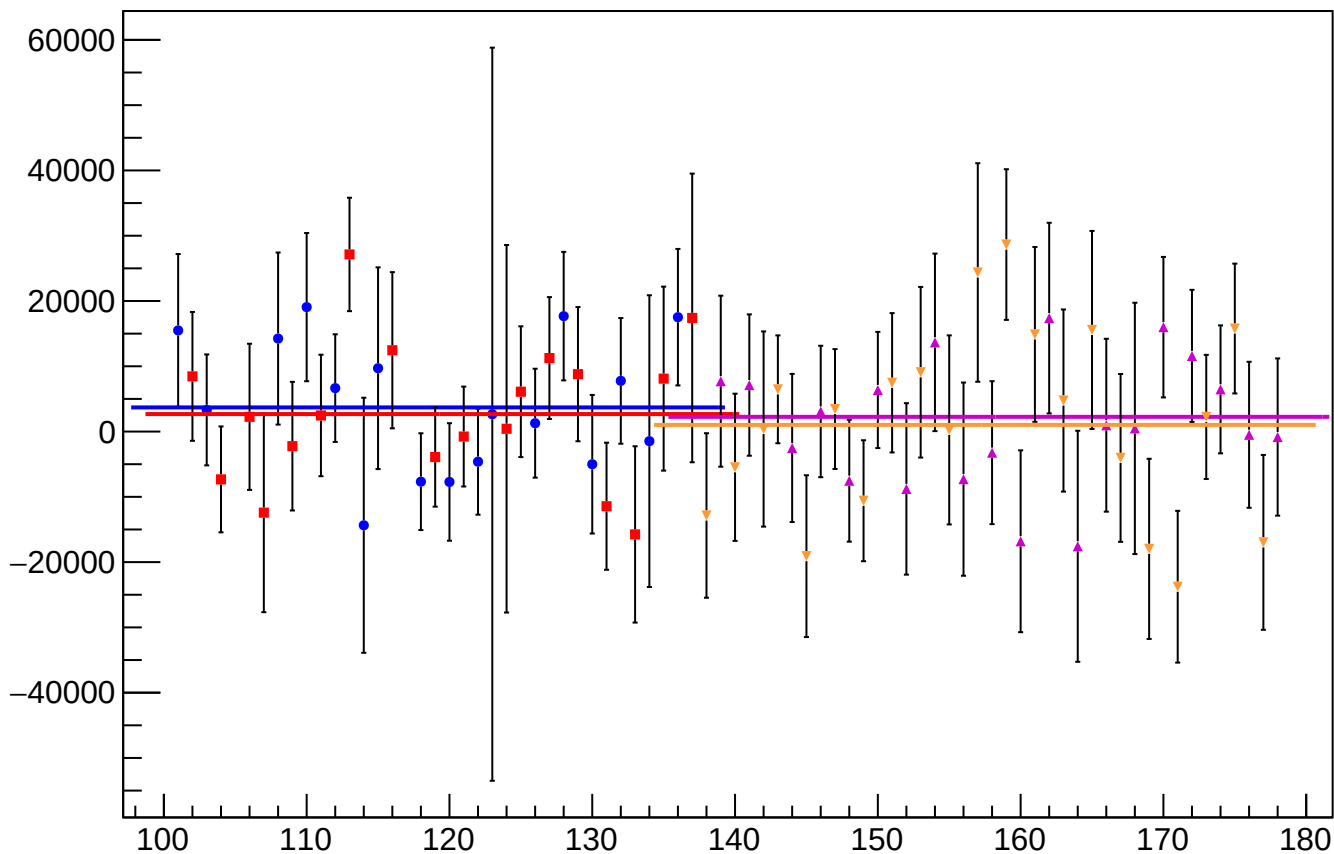
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2800.863+/-0.714 χ^2/NDF : 29216581.3/36

Out: 1290.888+/-0.406 χ^2/NDF : 35486155.6/38

All: 1659.422+/-0.353 χ^2/NDF : 68083973.8/77

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1023.012+/-2545.742 χ^2/NDF : 27.4/20

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 2253.701+/-2623.149 χ^2/NDF : 11.0/19

Left: 1619.931+/-1826.864 χ^2/NDF : 38.4/40

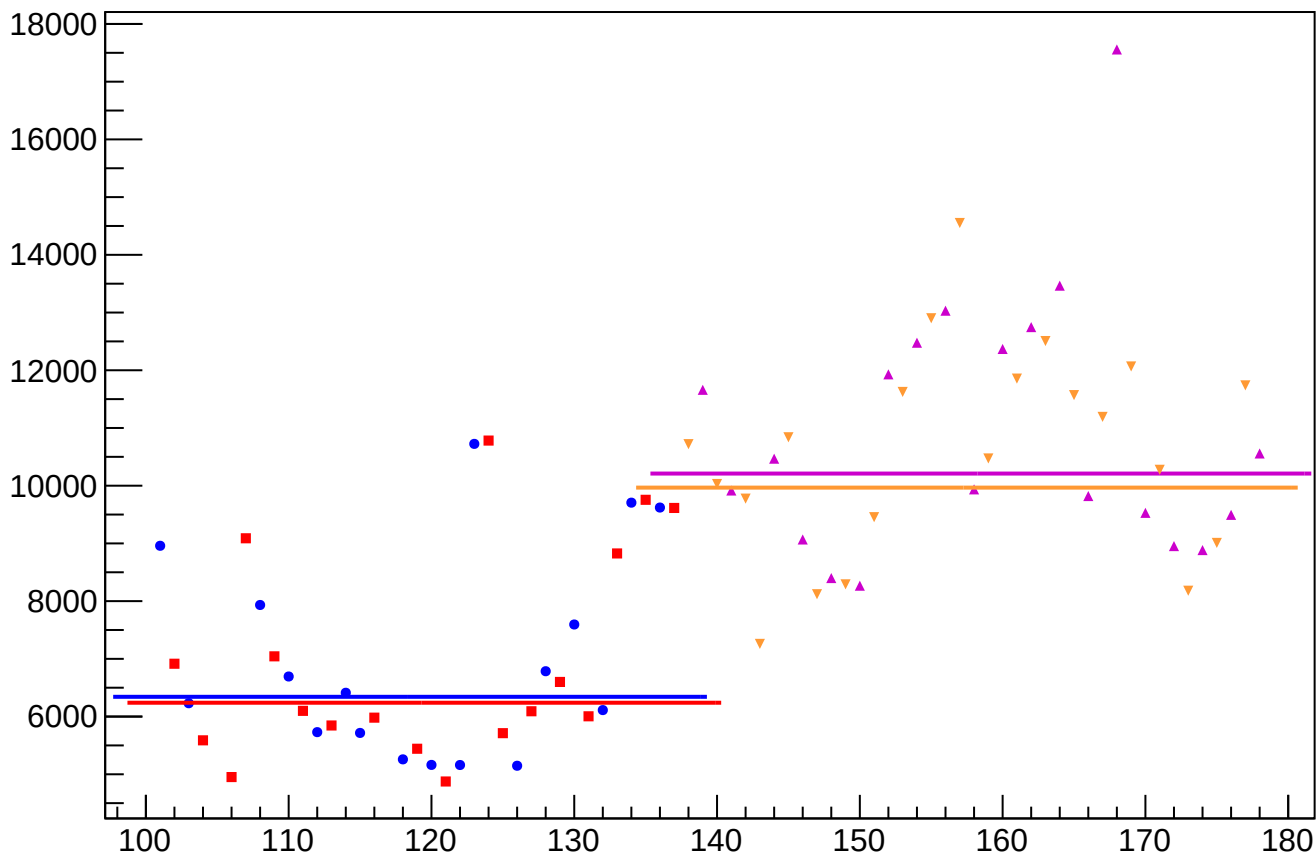
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3005.621+/-1816.511 χ^2/NDF : 25.5/36

Out: 1890.218+/-1757.251 χ^2/NDF : 46.1/38

All: 2429.429+/-1262.995 χ^2/NDF : 71.8/75

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9966.739+/-1.800 χ^2/NDF : 969778.4/20

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10210.313+/-1.855 χ^2/NDF : 941554.5/19

Left: 10084.879+/-1.292 χ^2/NDF : 1920213.2/40

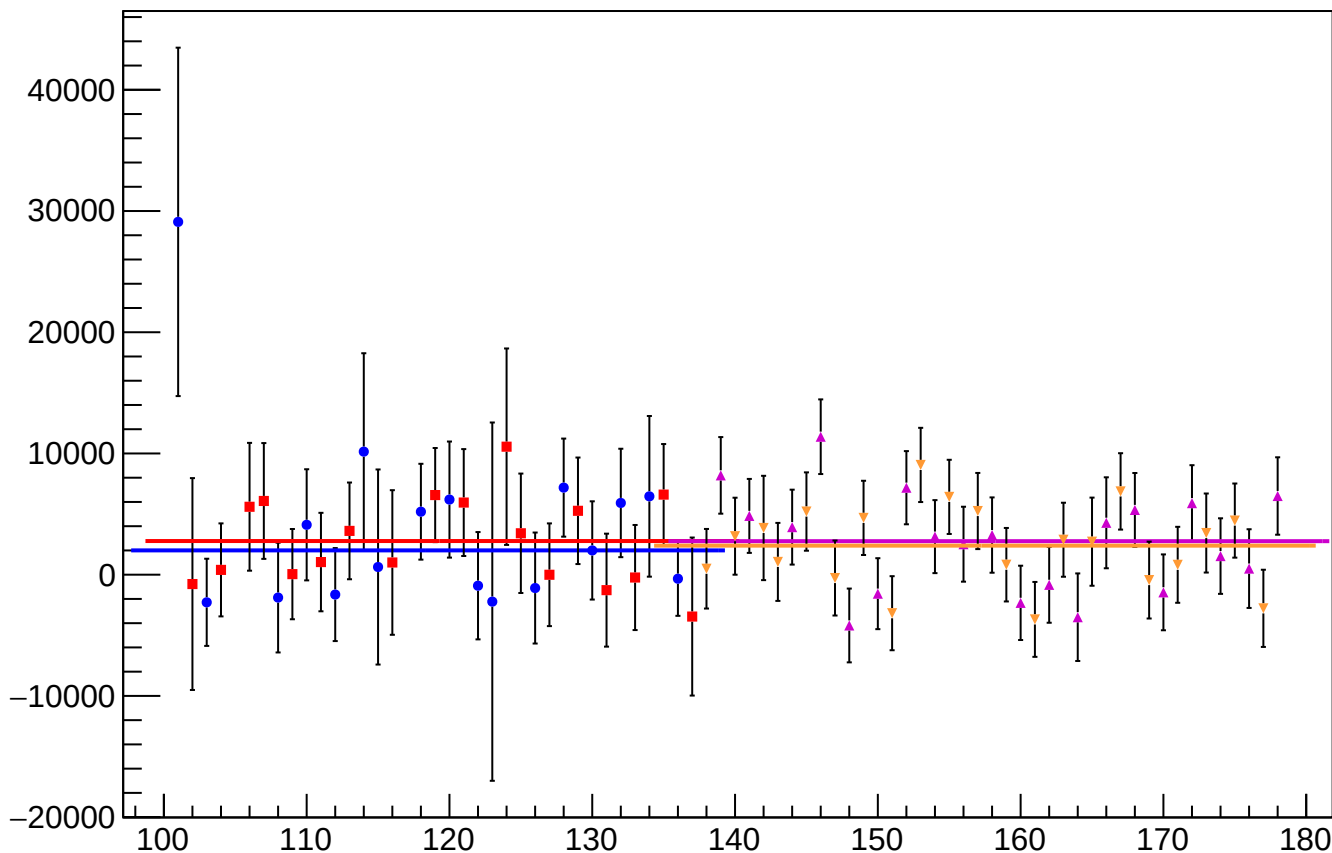
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8197.195+/-1.284 χ^2/NDF : 3798503.0/36

Out: 8015.463+/-1.243 χ^2/NDF : 3743321.9/38

All: 8103.314+/-0.893 χ^2/NDF : 7552165.9/75

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2396.400 $\pm$ 695.031 χ^2 /NDF:23.8/20

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2765.182 $\pm$ 701.010 χ^2 /NDF:33.8/19

Left: 2579.212 $\pm$ 493.561 χ^2 /NDF: 57.7/40

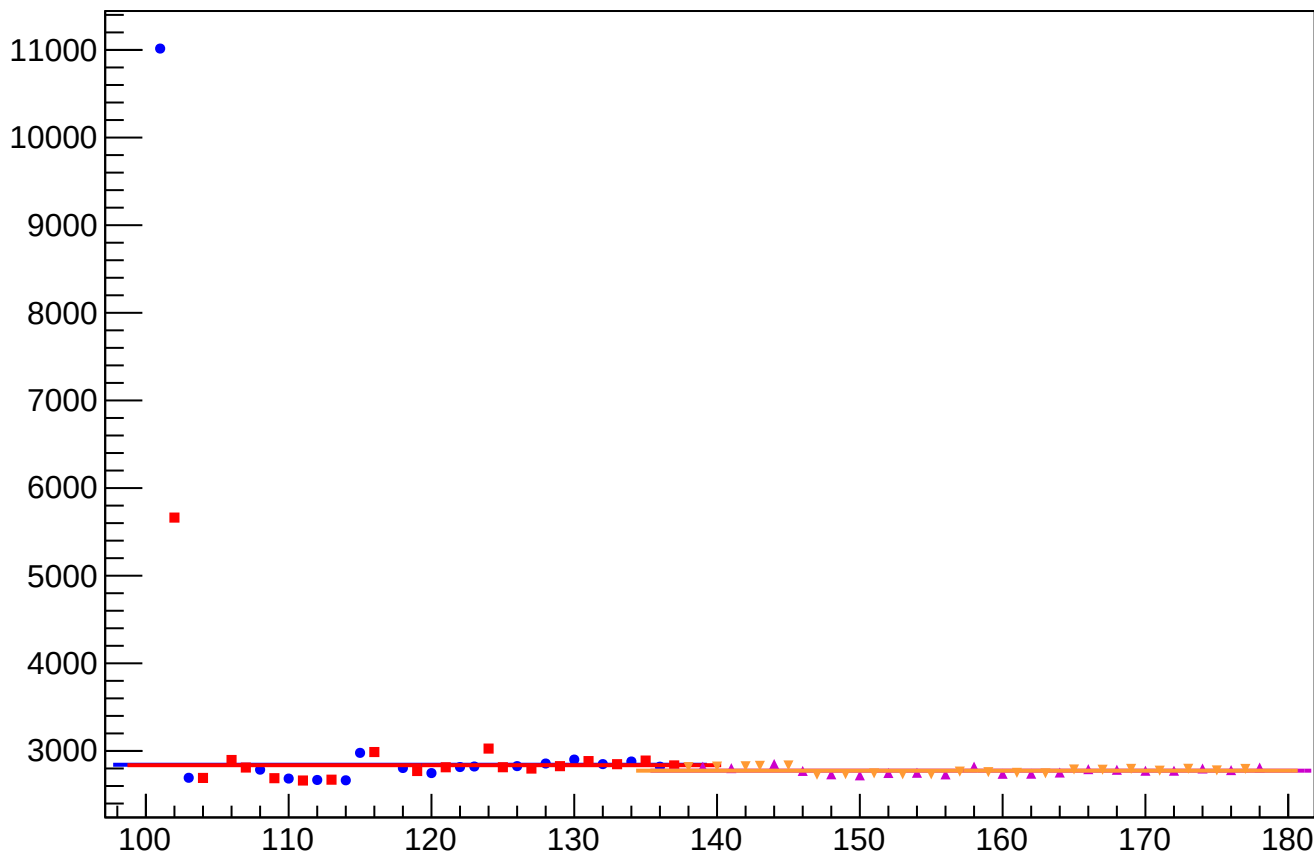
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2552.574 $\pm$ 595.021 χ^2 /NDF:47.8/36

Out: 2506.597 $\pm$ 585.534 χ^2 /NDF:32.2/38

All: 2529.216 $\pm$ 417.349 χ^2 /NDF: 80.0/75

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2774.999+/-0.491 χ^2/NDF : 4748.1/20

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2774.900+/-0.496 χ^2/NDF : 4959.2/19

Left: 2774.950+/-0.349 χ^2/NDF : 9707.4/40

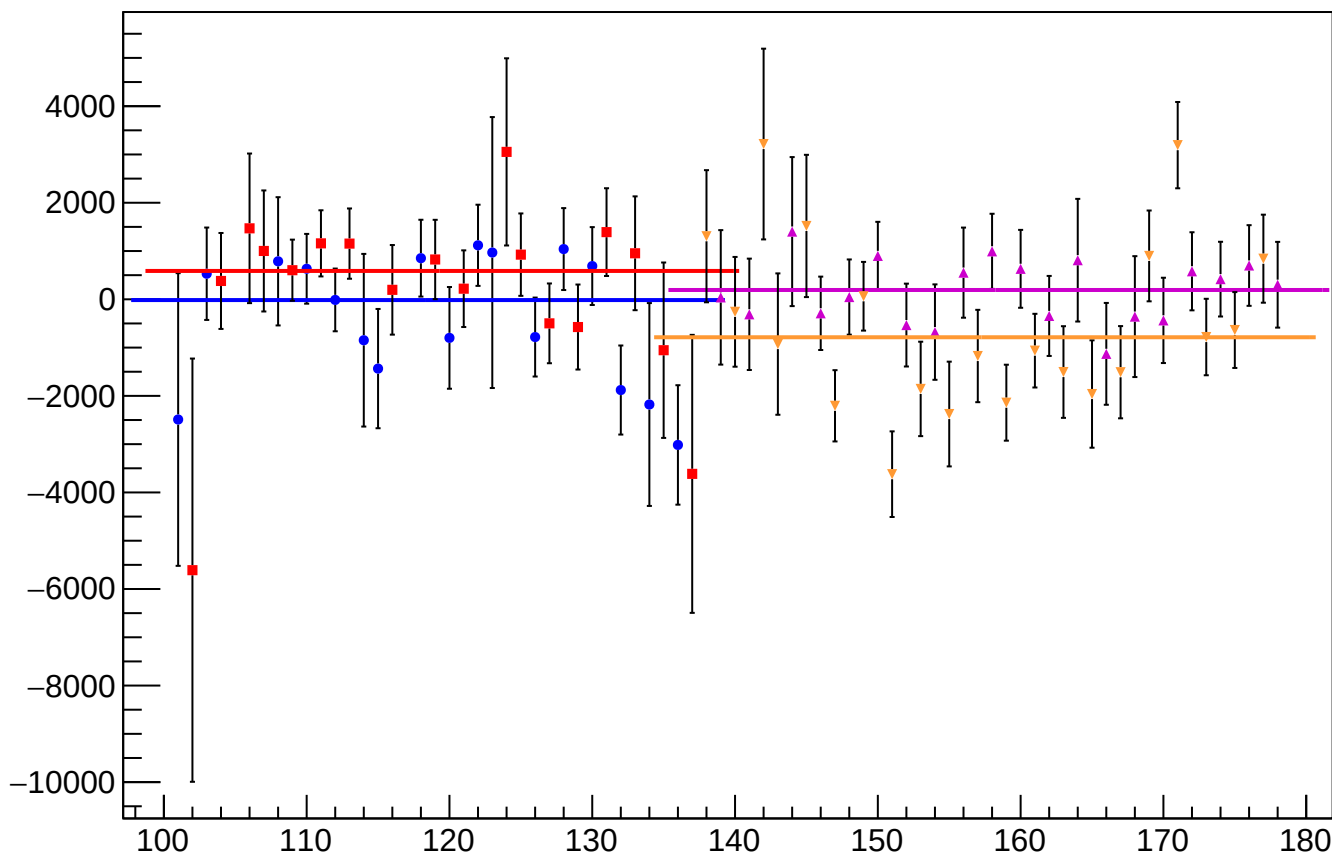
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.832+/-0.421 χ^2/NDF : 670482.9/36

Out: 2793.123+/-0.414 χ^2/NDF : 235855.5/38

All: 2793.472+/-0.295 χ^2/NDF : 906339.8/75

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -785.909 $\pm$ 205.355 χ^2/NDF : 59.6/20

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 193.234 $\pm$ 201.662 χ^2/NDF : 8.9/19

Left: -287.454 $\pm$ 143.884 χ^2/NDF : 80.1/40

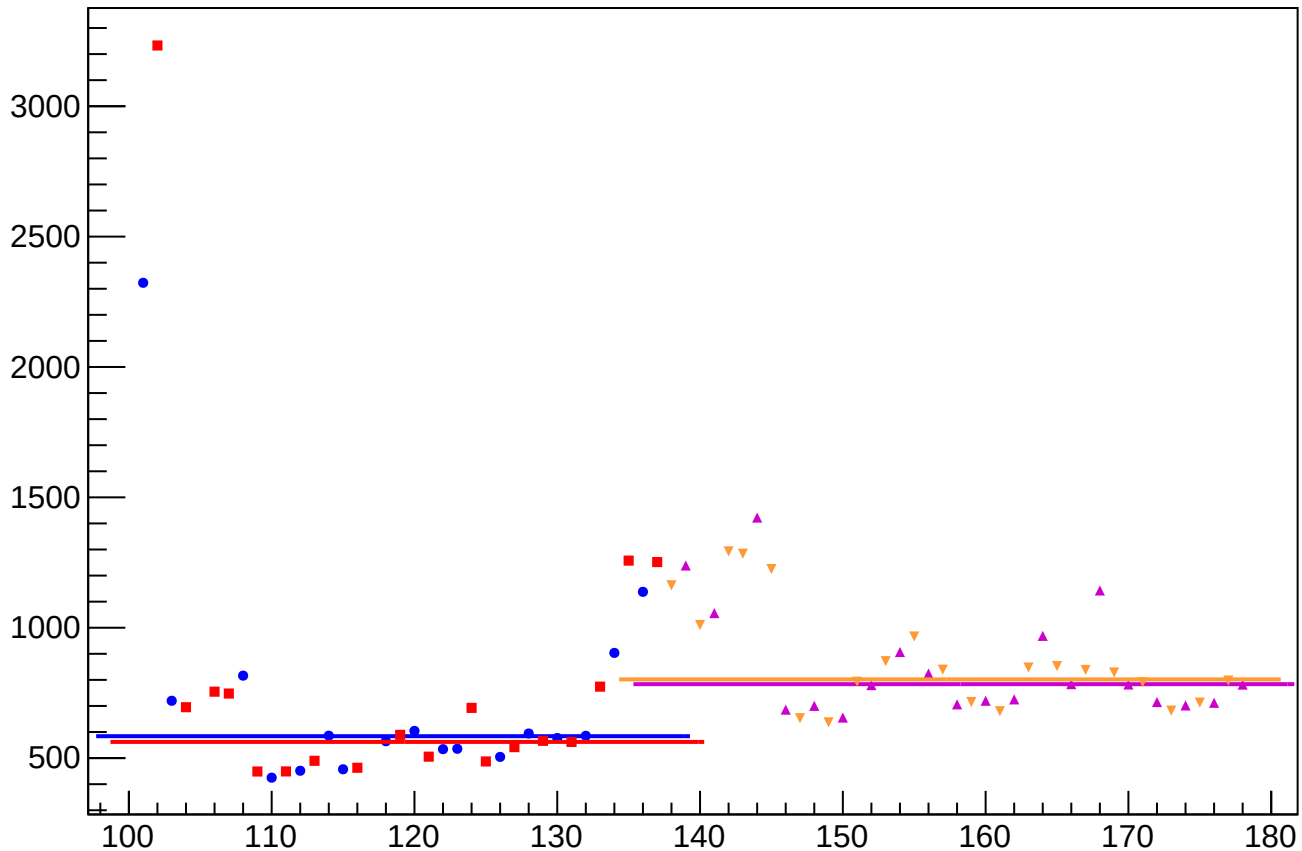
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 106.315 $\pm$ 154.090 χ^2/NDF : 30.9/36

Out: -164.169 $\pm$ 151.926 χ^2/NDF : 93.2/38

All: -30.839 $\pm$ 108.185 χ^2/NDF : 125.7/75

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 801.900+/-0.145 χ^2/NDF : 1120505.1/20

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 783.534+/-0.143 χ^2/NDF : 1125404.3/19

Left: 792.550+/-0.102 χ^2/NDF : 2254053.3/40

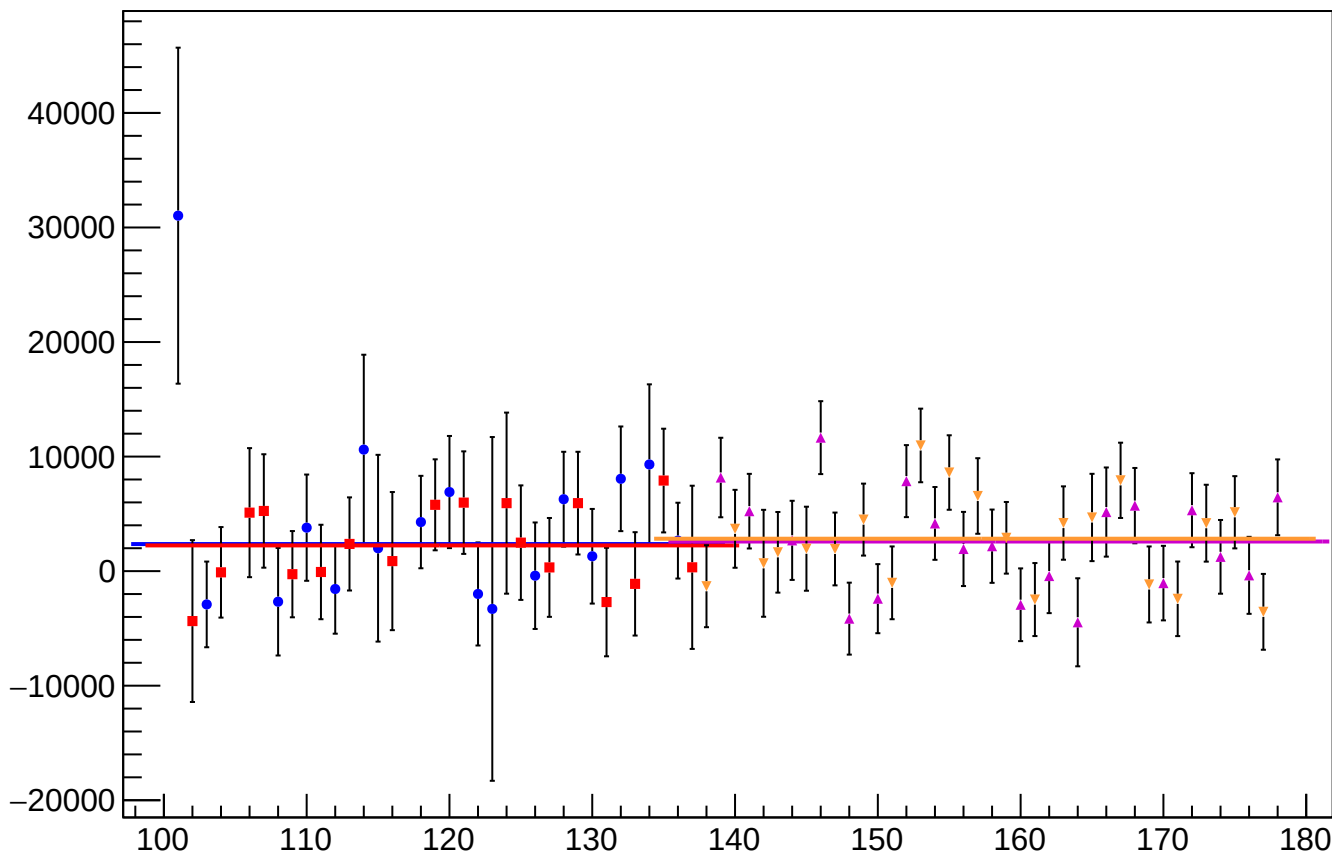
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 700.520+/-0.109 χ^2/NDF : 3376396.8/36

Out: 693.361+/-0.107 χ^2/NDF : 3880080.1/38

All: 696.890+/-0.076 χ^2/NDF : 7258666.0/75

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2829.608 $\pm$ 730.491 χ^2 /NDF: 28.6/20

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2586.277 $\pm$ 734.825 χ^2 /NDF: 34.7/19

Left: 2708.662 $\pm$ 518.061 χ^2 /NDF: 63.3/40

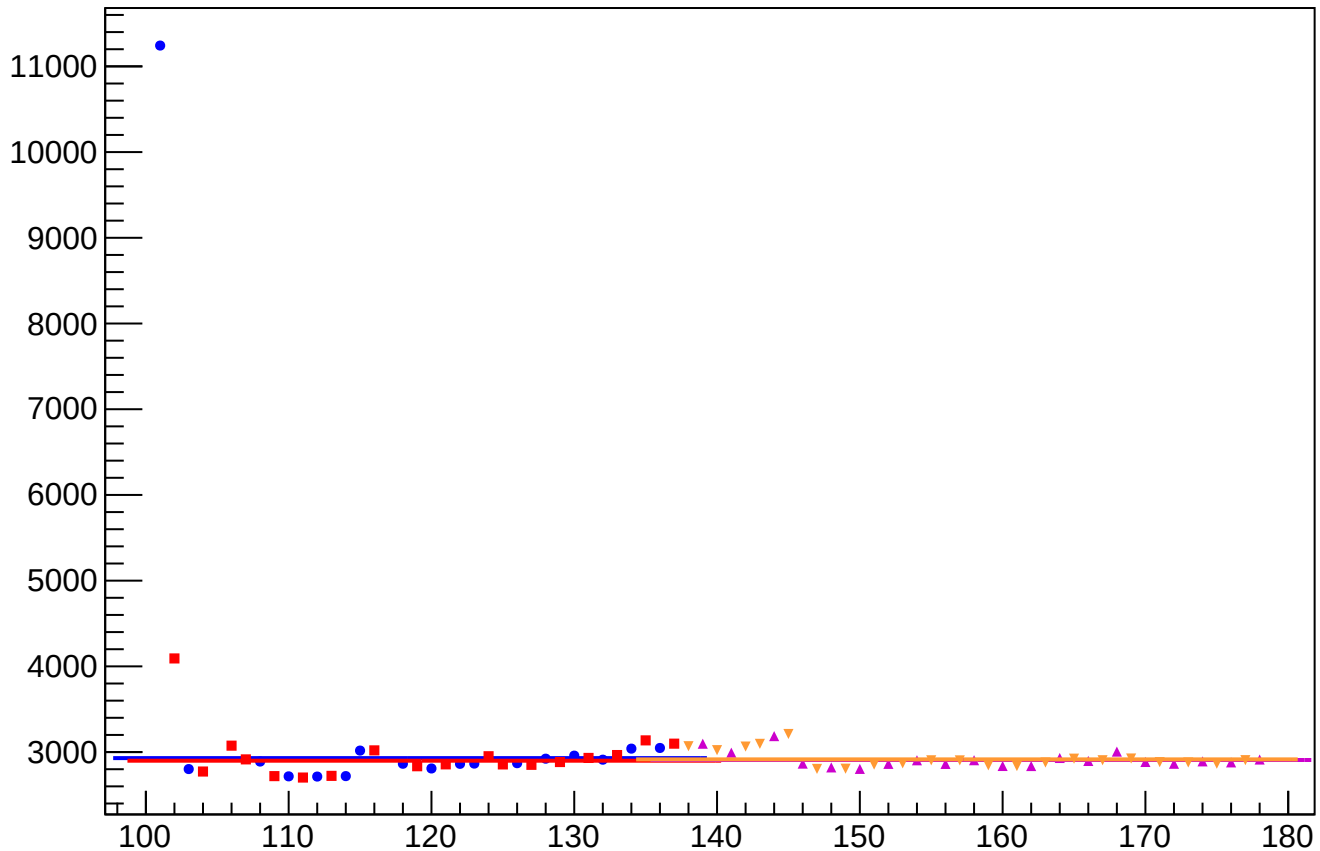
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2522.275 $\pm$ 620.747 χ^2 /NDF: 49.8/36

Out: 2653.487 $\pm$ 610.528 χ^2 /NDF: 37.3/38

All: 2588.970 $\pm$ 435.277 χ^2 /NDF: 87.1/75

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.868+/-0.517 χ^2/NDF : 35604.2/20

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2907.565+/-0.520 χ^2/NDF : 29858.7/19

Left: 2911.238+/-0.366 χ^2/NDF : 65562.2/40

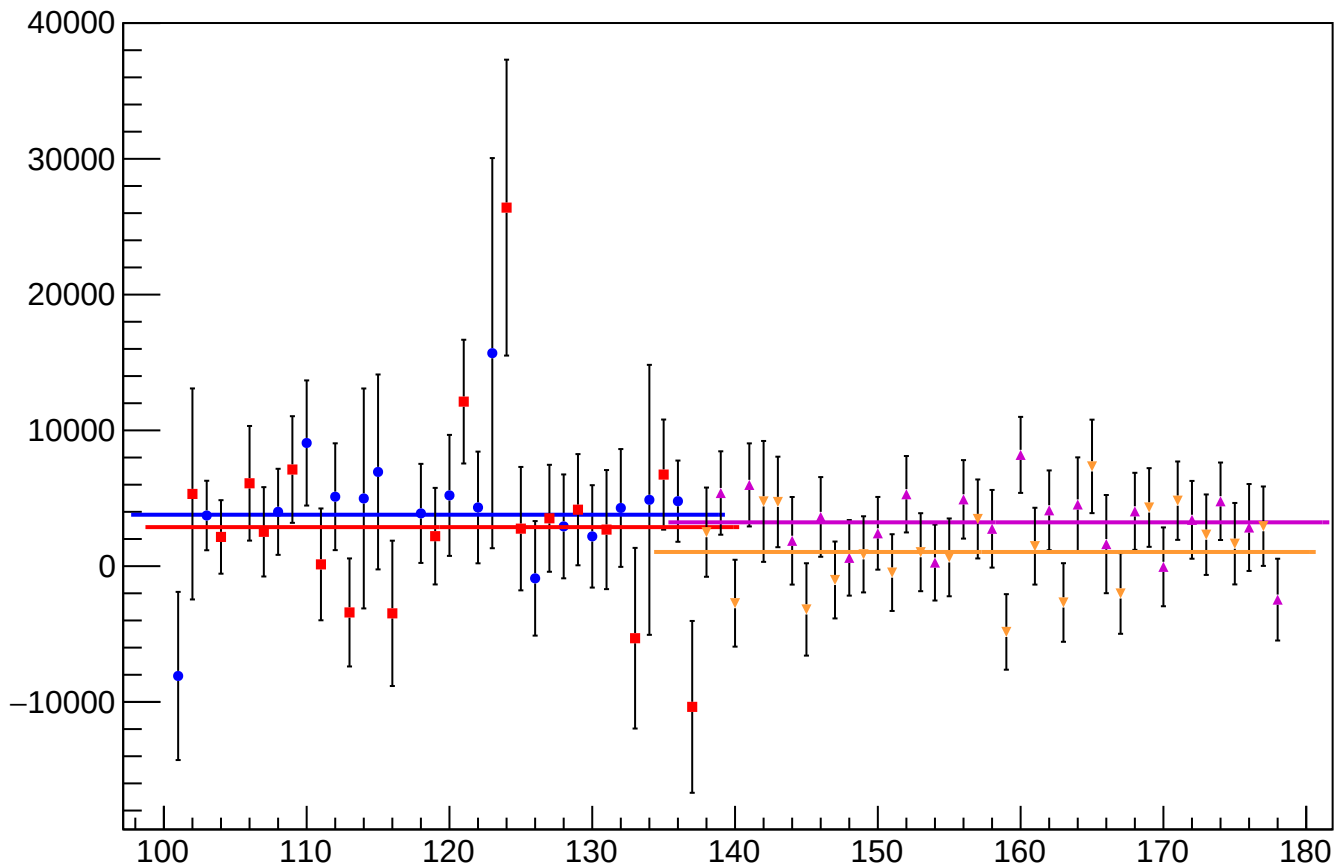
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2913.891+/-0.439 χ^2/NDF : 693005.2/36

Out: 2910.214+/-0.432 χ^2/NDF : 119416.5/38

All: 2912.022+/-0.308 χ^2/NDF : 812457.5/75

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2 /NDF: 7.7/16

Left Out: 1044.590 $\pm$ 658.281 χ^2 /NDF: 20.8/20

Right Out: 2874.691 $\pm$ 1004.077 χ^2 /NDF: 22.0/17

Left In: 3227.509 $\pm$ 661.135 χ^2 /NDF: 13.3/19

Left: 2131.327 $\pm$ 466.481 χ^2 /NDF: 39.6/40

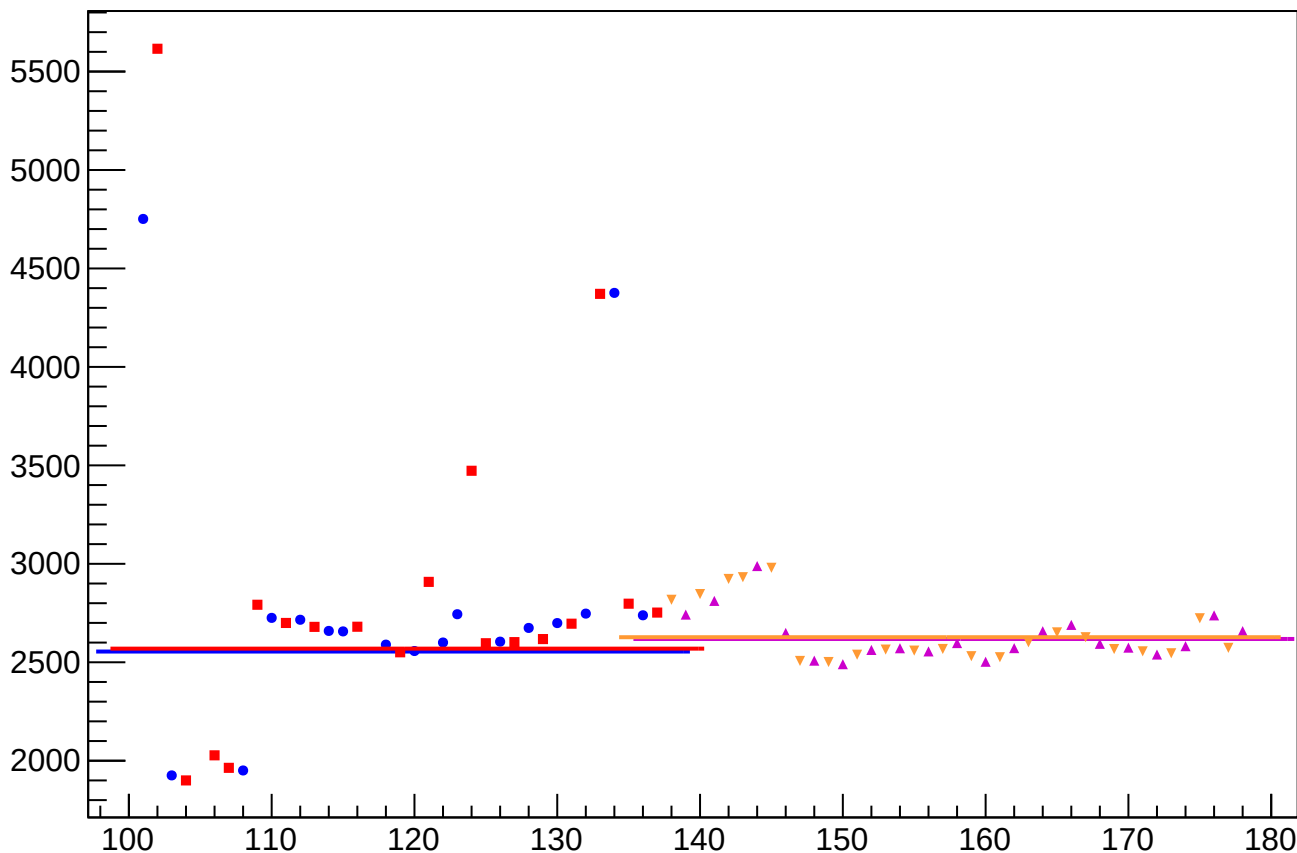
Right: 3329.431 $\pm$ 711.415 χ^2 /NDF: 30.2/34

In: 3396.024 $\pm$ 552.852 χ^2 /NDF: 21.3/36

Out: 1594.741 $\pm$ 550.517 χ^2 /NDF: 45.1/38

All: 2491.570 $\pm$ 390.097 χ^2 /NDF: 71.8/75

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2627.245 $\pm$ 0.465 χ^2 /NDF: 87280.3/20

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2618.403 $\pm$ 0.467 χ^2 /NDF: 58497.0/19

Left: 2622.843 $\pm$ 0.330 χ^2 /NDF: 145956.9/40

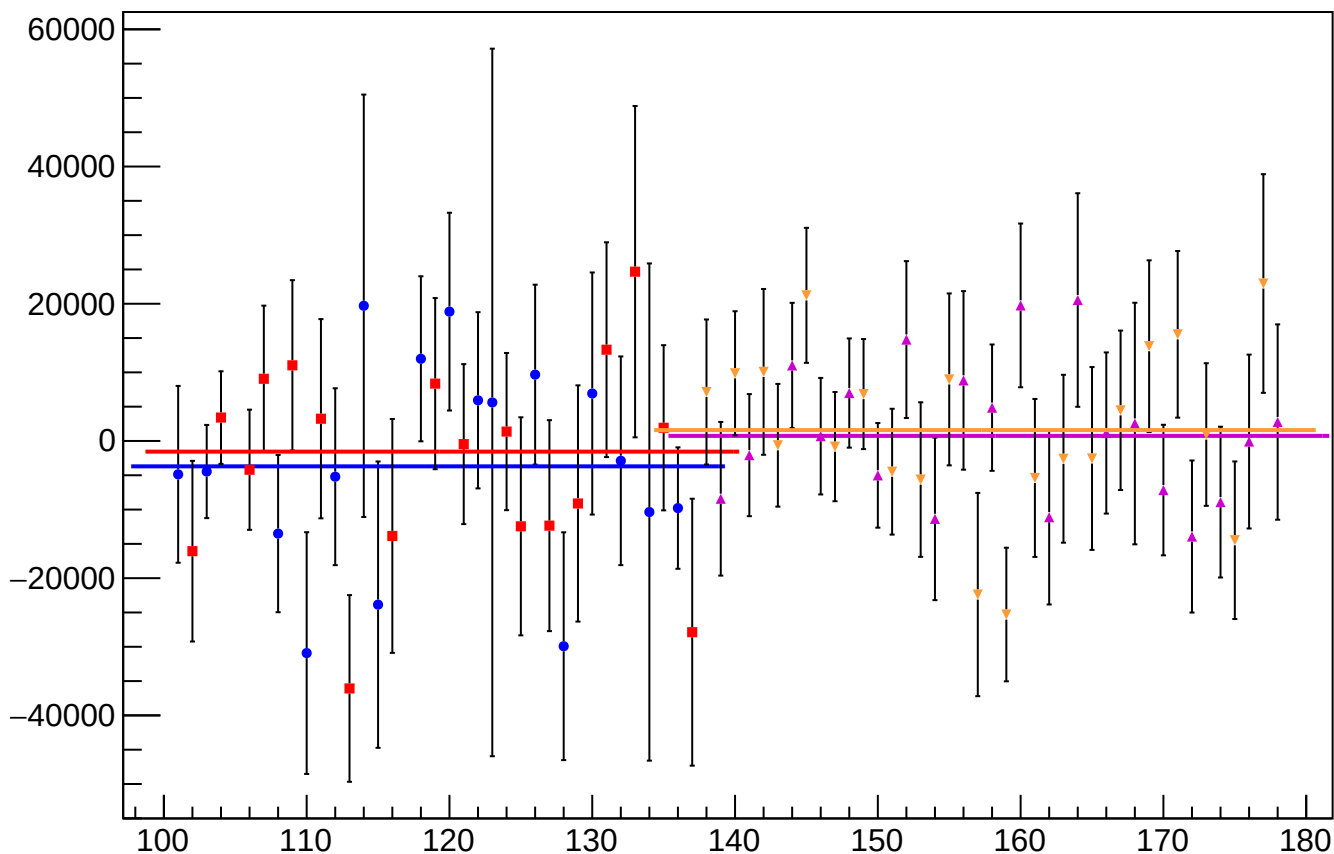
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2599.196 $\pm$ 0.391 χ^2 /NDF: 600735.9/36

Out: 2609.803 $\pm$ 0.389 χ^2 /NDF: 815280.5/38

All: 2604.522 $\pm$ 0.276 χ^2 /NDF: 1416386.1/75

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 1583.863 $\pm$ 2327.300 χ^2/NDF : 24.3/20

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 741.480 $\pm$ 2367.817 χ^2/NDF : 14.6/19

Left: 1169.940 $\pm$ 1659.789 χ^2/NDF : 39.0/40

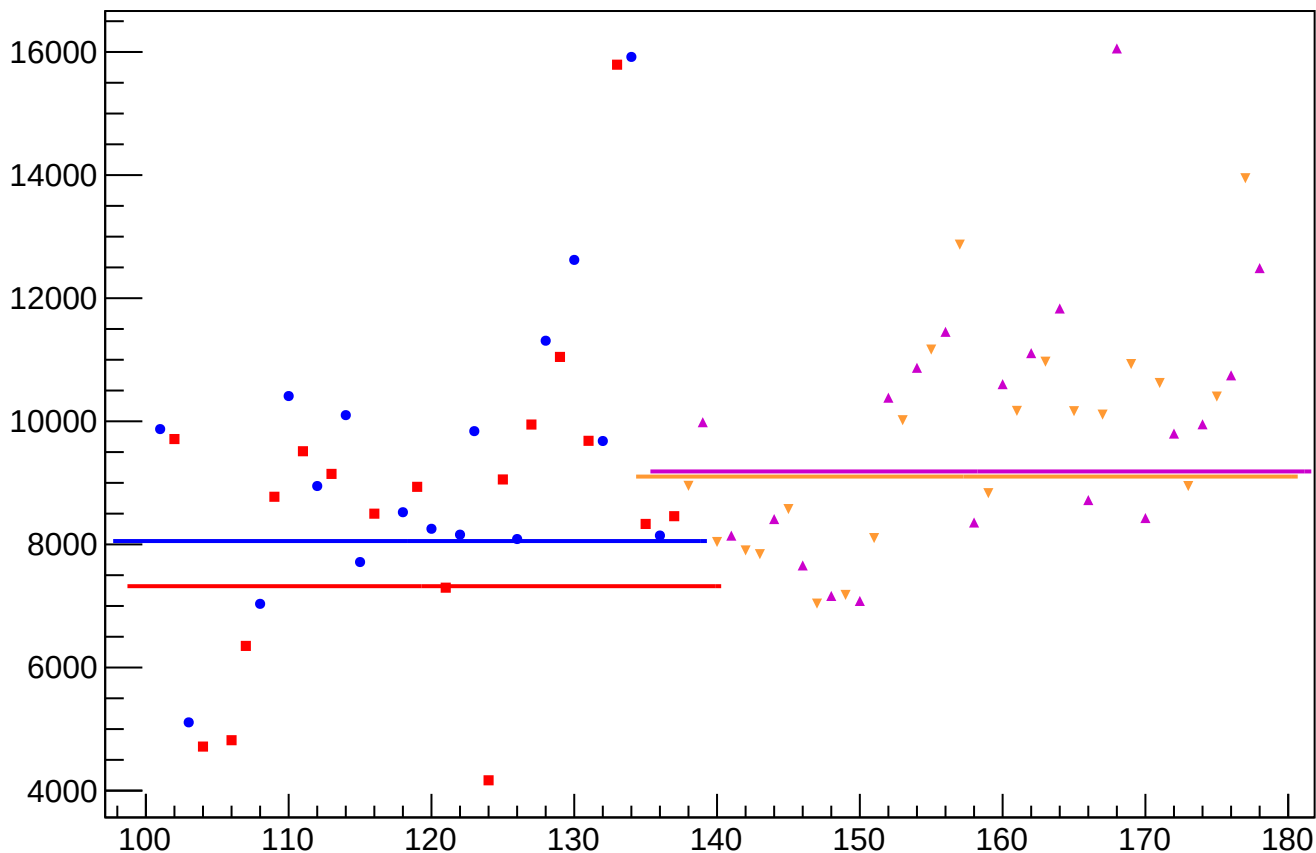
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -818.486 $\pm$ 1907.137 χ^2/NDF : 29.7/36

Out: 360.022 $\pm$ 1817.960 χ^2/NDF : 41.8/38

All: -201.035 $\pm$ 1315.889 χ^2/NDF : 71.6/75

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9102.065+/-1.646 χ^2/NDF : 941211.8/20

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9185.542+/-1.674 χ^2/NDF : 1143564.3/19

Left: 9143.083+/-1.174 χ^2/NDF : 2086040.4/40

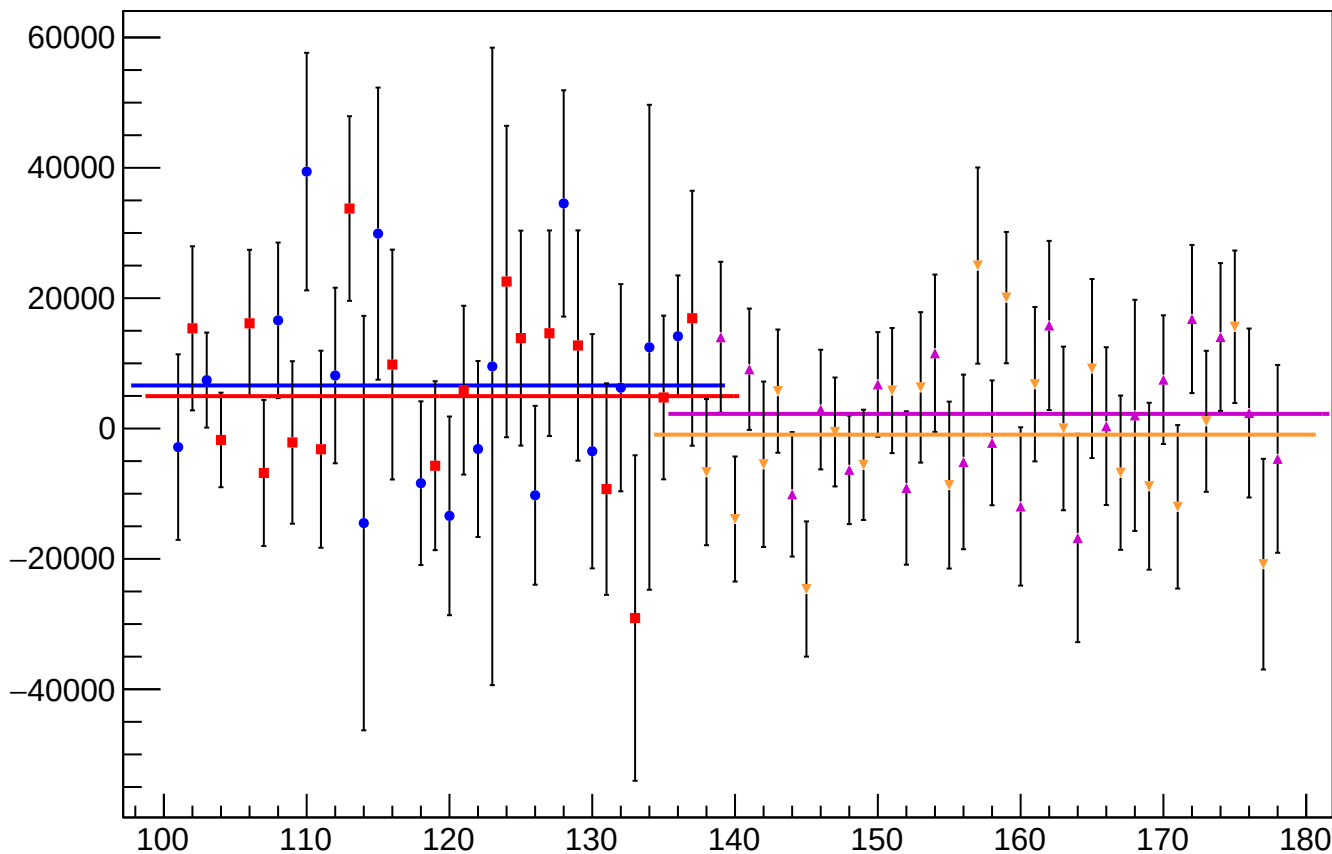
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8788.343+/-1.349 χ^2/NDF : 2124547.4/36

Out: 8407.952+/-1.285 χ^2/NDF : 2733552.9/38

All: 8589.046+/-0.930 χ^2/NDF : 4899786.9/75

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -936.561+/-2421.232 χ^2/NDF : 22.7/20

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2246.697+/-2457.859 χ^2/NDF : 13.8/19

Left: 631.173+/-1724.873 χ^2/NDF : 37.4/40

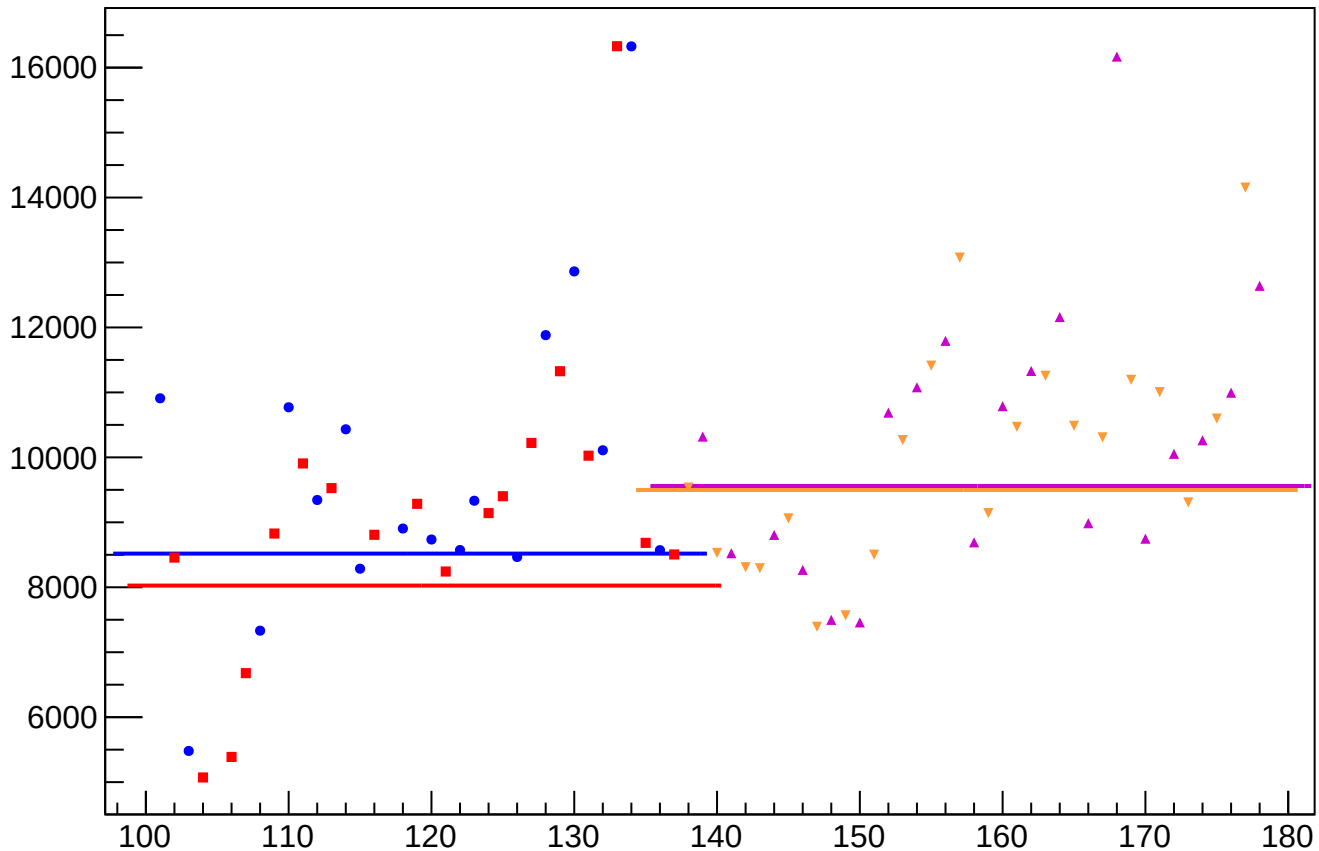
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3745.754+/-1991.062 χ^2/NDF : 29.6/36

Out: 1232.907+/-1925.702 χ^2/NDF : 38.5/38

All: 2447.409+/-1384.207 χ^2/NDF : 68.9/75

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 9497.377+/-1.712 χ^2 /NDF:816340.3/20

Right Out: 8026.045+/-2.246 χ^2 /NDF: 942657.8/17

Left In: 9559.097+/-1.738 χ^2 /NDF:1001259.9/19

Left: 9527.774+/-1.220 χ^2 /NDF: 1818240.2/40

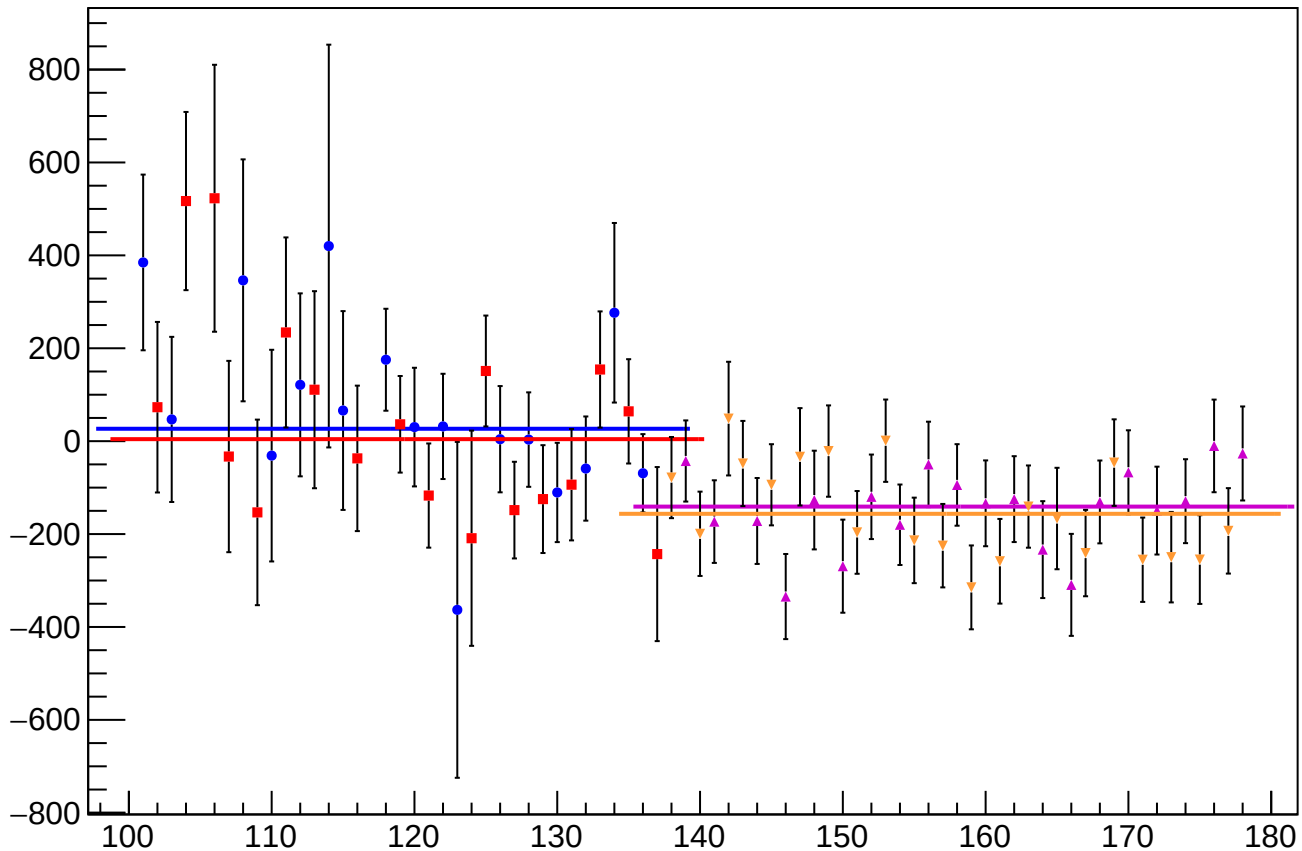
Right: 8255.767+/-1.640 χ^2 /NDF: 1737062.4/34

In: 9201.293+/-1.408 χ^2 /NDF:1896548.2/36

Out: 8956.734+/-1.362 χ^2 /NDF:2030378.8/38

All: 9074.932+/-0.979 χ^2 /NDF: 3942517.4/75

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -156.391 ± 20.416 $\chi^2/\text{NDF}: 23.2/20$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -140.864 ± 20.973 $\chi^2/\text{NDF}: 16.0/19$

Left: -148.836 ± 14.629 $\chi^2/\text{NDF}: 39.6/40$

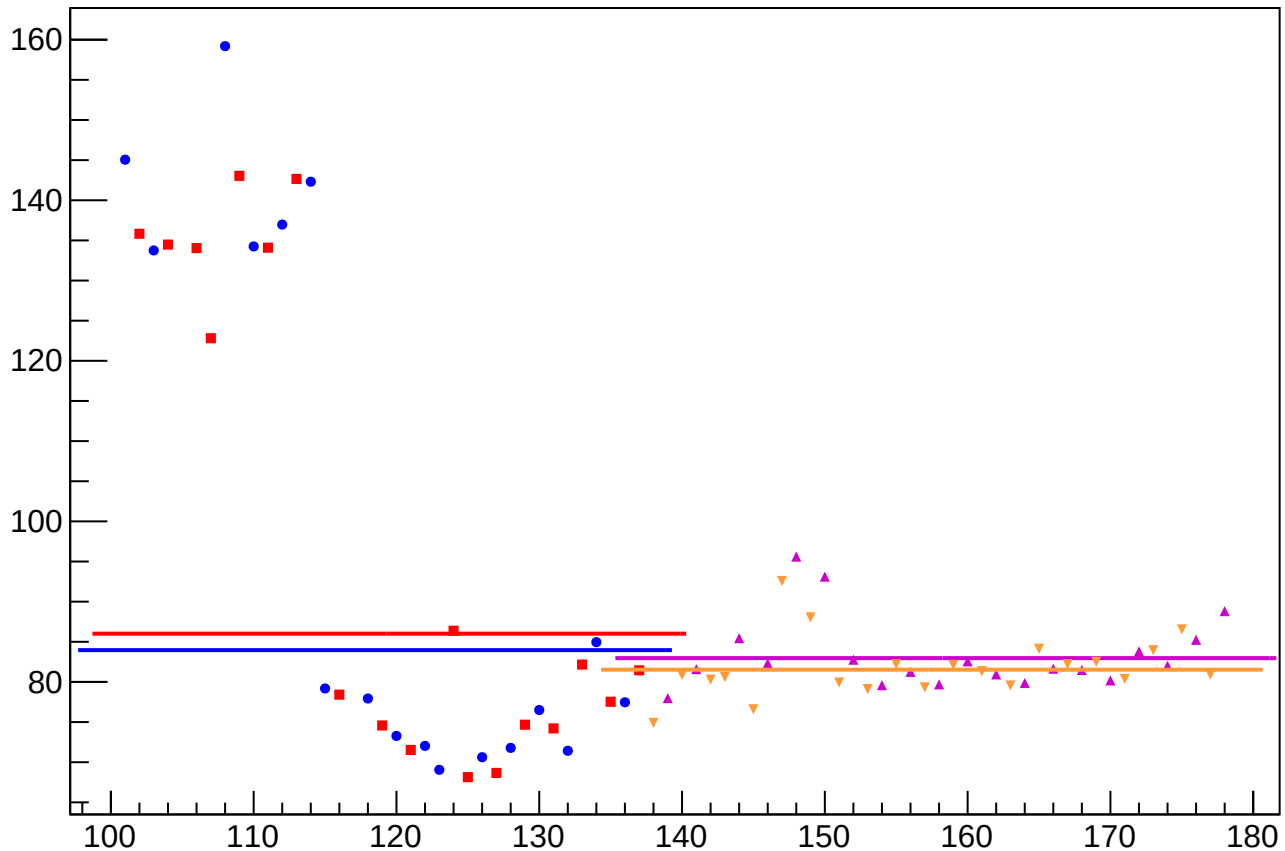
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -93.932 ± 17.795 $\chi^2/\text{NDF}: 48.4/36$

Out: -113.502 ± 17.481 $\chi^2/\text{NDF}: 63.7/38$

All: -103.891 ± 12.471 $\chi^2/\text{NDF}: 112.8/75$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.524 $\pm$ 0.014 χ^2 /NDF: 62607.8/20

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.965 $\pm$ 0.015 χ^2 /NDF: 77487.4/19

Left: 82.226 $\pm$ 0.010 χ^2 /NDF: 144942.6/40

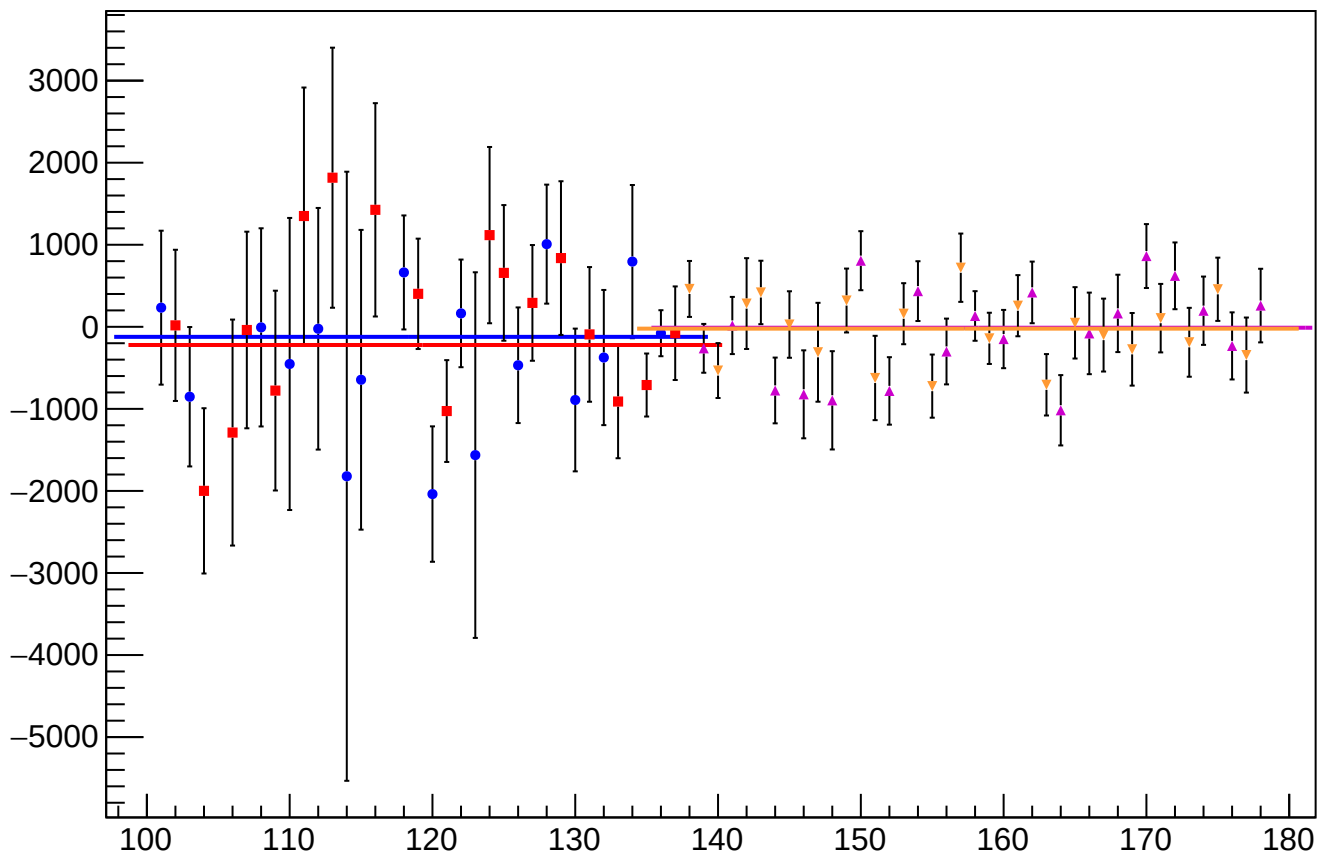
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 83.244 $\pm$ 0.013 χ^2 /NDF: 1039002.4/36

Out: 82.722 $\pm$ 0.012 χ^2 /NDF: 1114796.6/38

All: 82.978 $\pm$ 0.009 χ^2 /NDF: 2154675.4/75

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -22.325 $\pm$ 87.887 χ^2 /NDF:21.8/20

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -11.150 $\pm$ 88.130 χ^2 /NDF:35.2/19

Left: -16.753 $\pm$ 62.231 χ^2 /NDF: 57.0/40

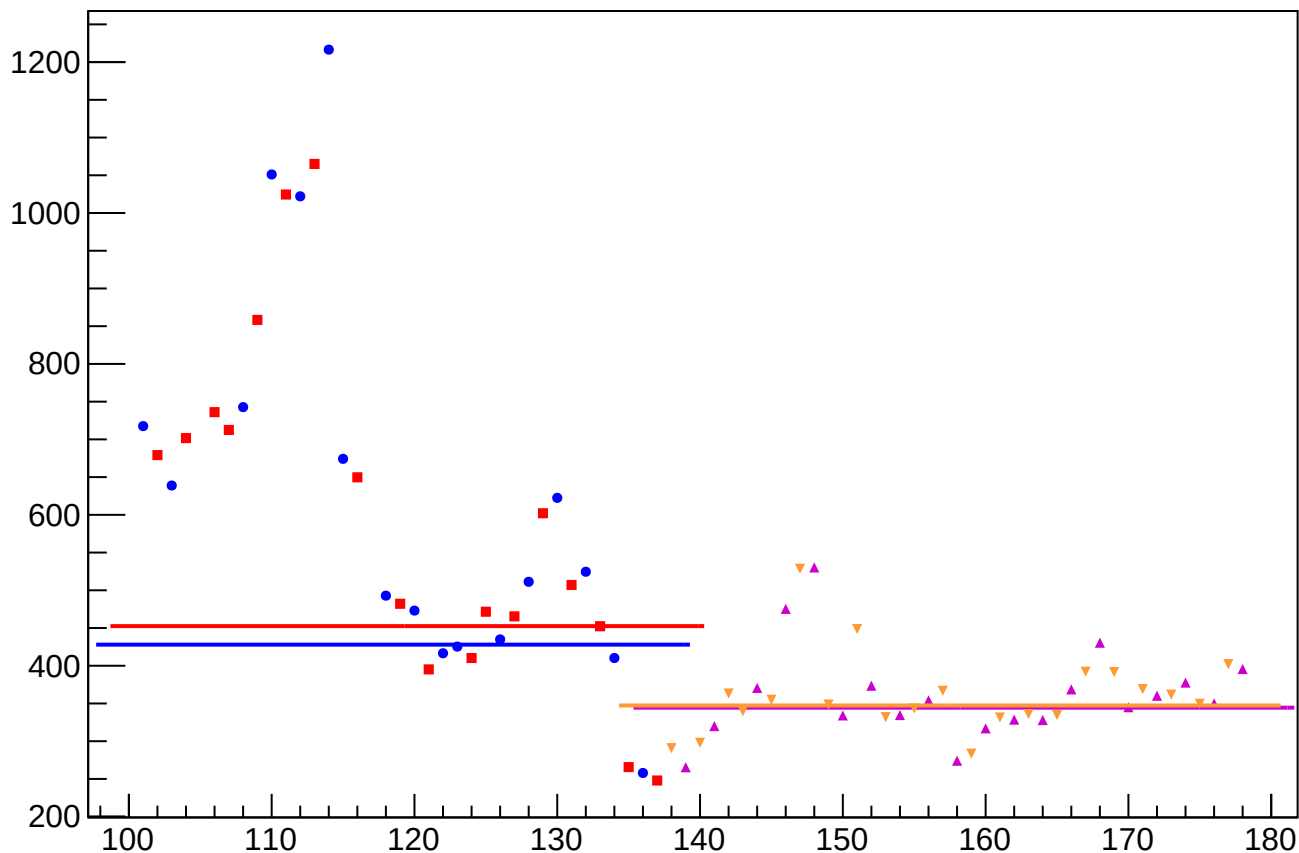
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -32.744 $\pm$ 79.117 χ^2 /NDF:48.6/36

Out: -58.972 $\pm$ 79.392 χ^2 /NDF:40.8/38

All: -45.812 $\pm$ 56.041 χ^2 /NDF: 89.4/75

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.363+/-0.062 χ^2/NDF : 535604.3/20

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 344.447+/-0.062 χ^2/NDF : 725764.1/19

Left: 345.909+/-0.044 χ^2/NDF : 1262465.9/40

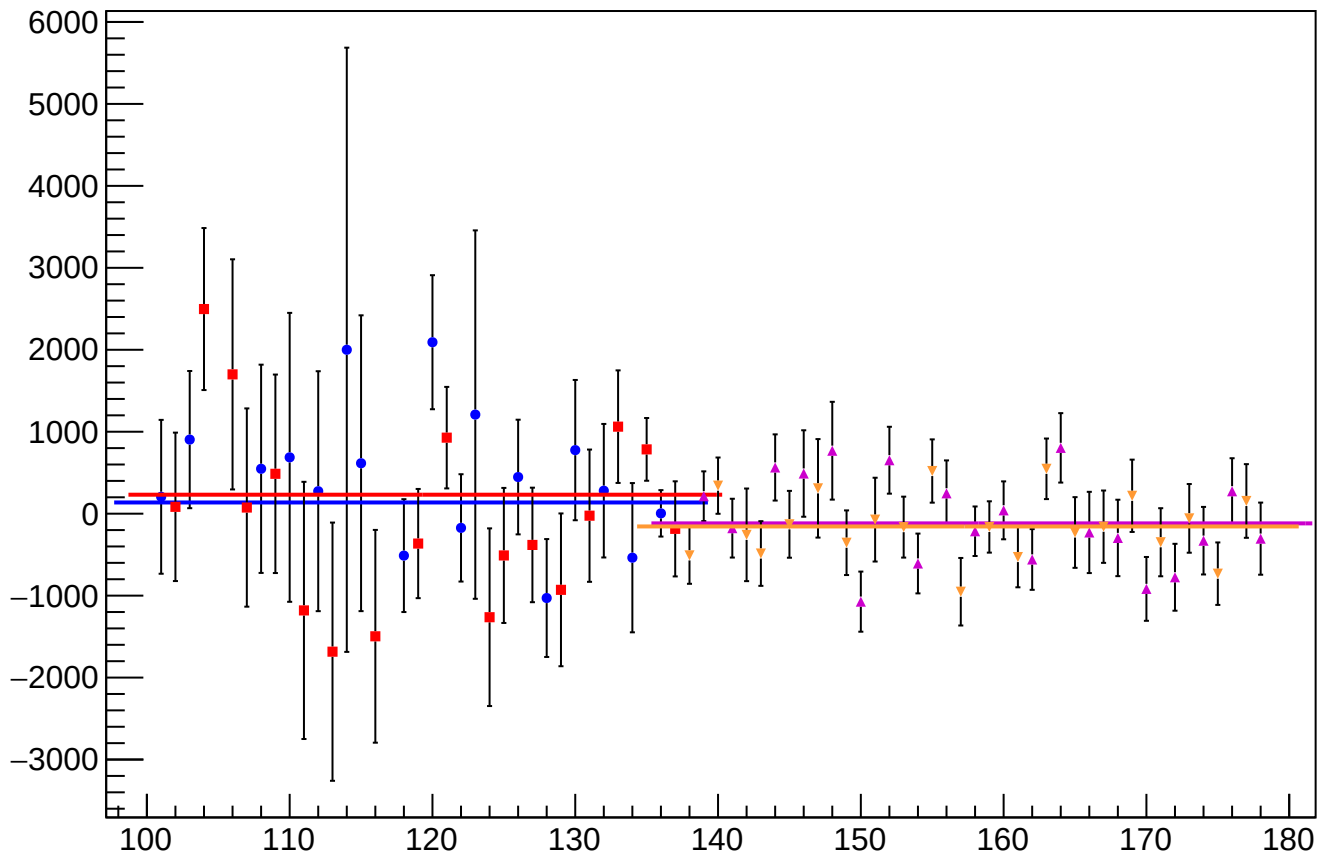
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 360.660+/-0.056 χ^2/NDF : 3136782.5/36

Out: 366.706+/-0.056 χ^2/NDF : 3135267.8/38

All: 363.673+/-0.040 χ^2/NDF : 6277869.6/75

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 $\chi^2/\text{NDF}: 12.6/16$

Left Out: -155.807 ± 88.032 $\chi^2/\text{NDF}: 20.0/20$

Right Out: 231.586 ± 184.578 $\chi^2/\text{NDF}: 21.8/17$

Left In: -118.362 ± 88.176 $\chi^2/\text{NDF}: 35.4/19$

Left: -137.115 ± 62.299 $\chi^2/\text{NDF}: 55.5/40$

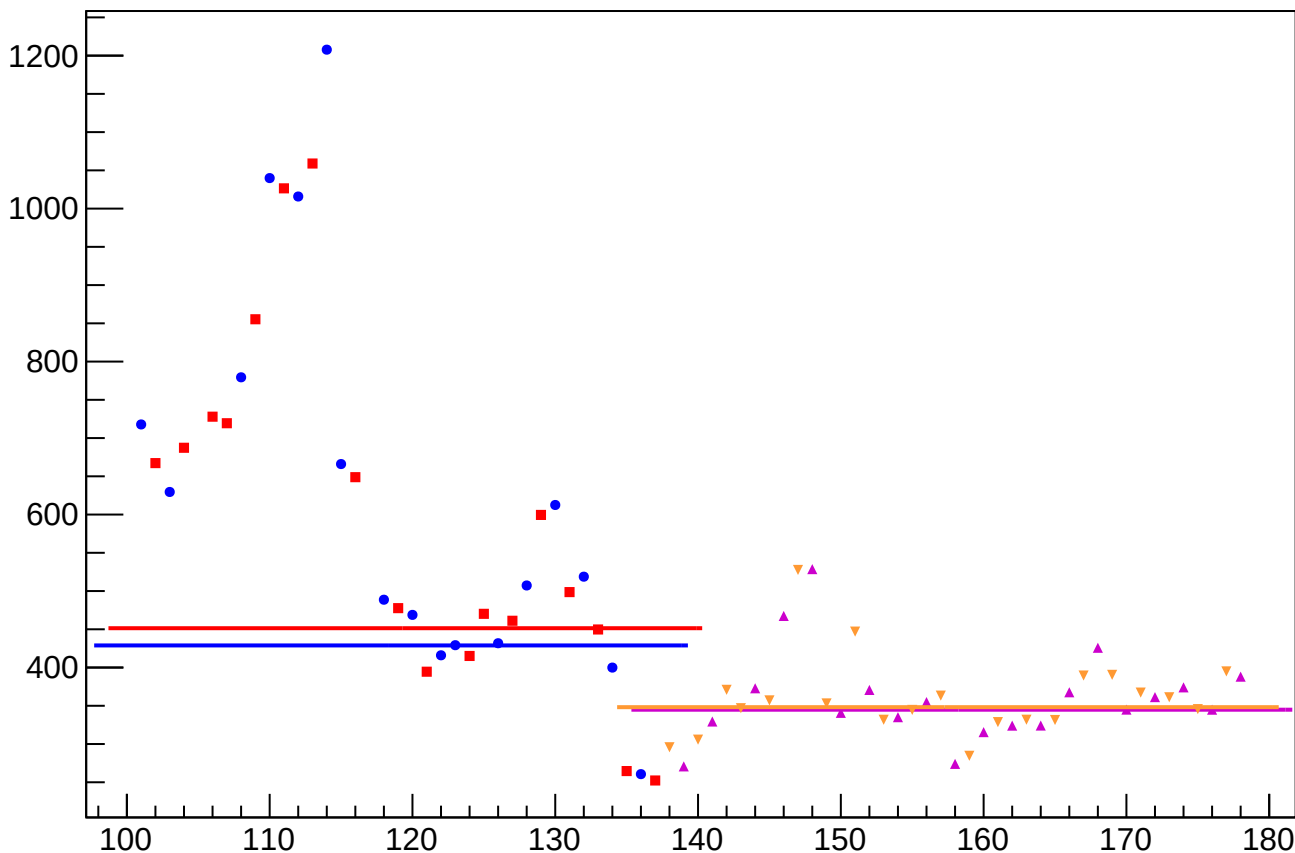
Right: 182.905 ± 128.724 $\chi^2/\text{NDF}: 34.5/34$

In: -68.805 ± 79.152 $\chi^2/\text{NDF}: 49.7/36$

Out: -84.018 ± 79.458 $\chi^2/\text{NDF}: 45.3/38$

All: -76.382 ± 56.077 $\chi^2/\text{NDF}: 95.0/75$

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 348.166+/-0.062 χ^2/NDF : 499178.8/20

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 344.863+/-0.062 χ^2/NDF : 673107.5/19

Left: 346.517+/-0.044 χ^2/NDF : 1173691.9/40

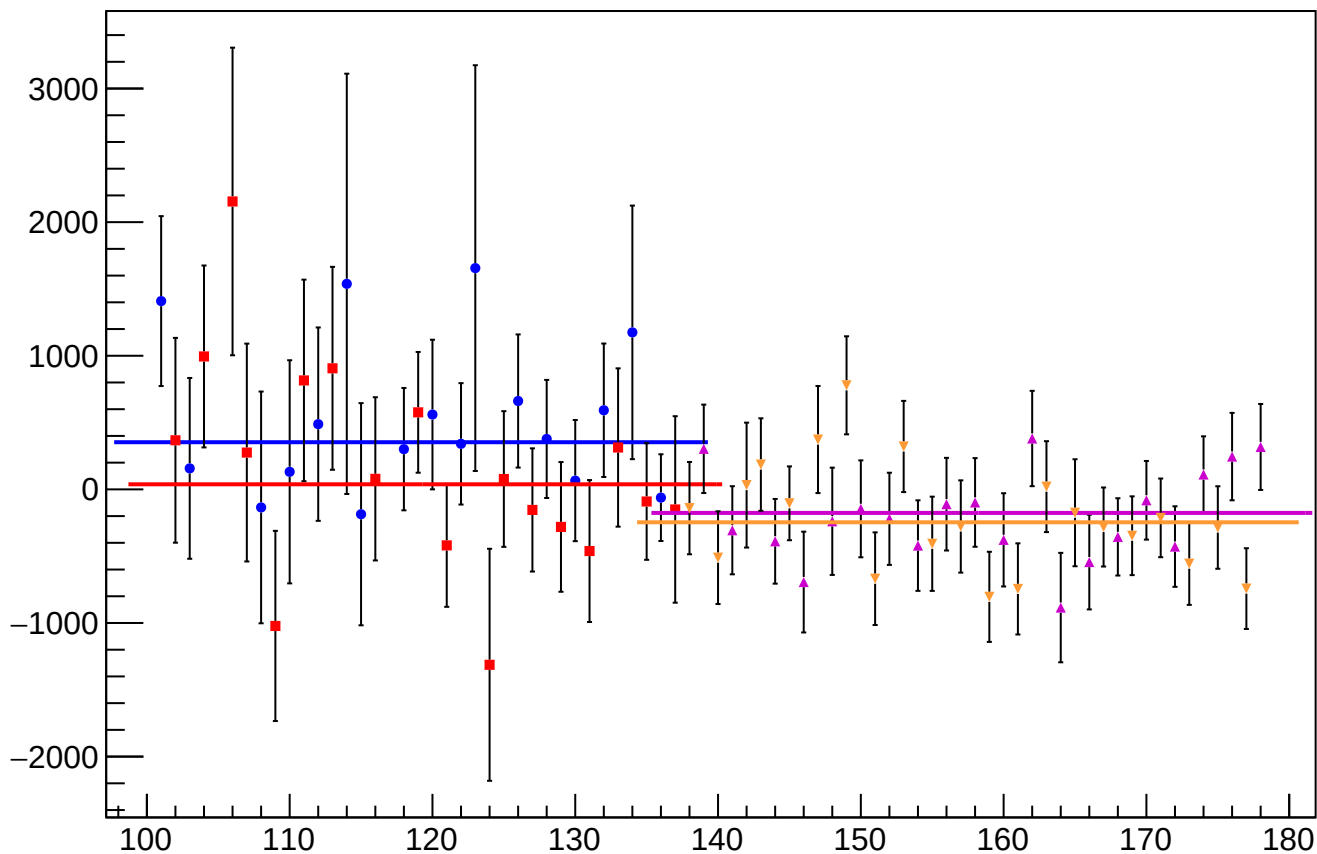
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 361.182+/-0.056 χ^2/NDF : 3036417.2/36

Out: 367.299+/-0.056 χ^2/NDF : 3039713.9/38

All: 364.229+/-0.040 χ^2/NDF : 6082081.1/75

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -246.377 ± 72.858 $\chi^2/\text{NDF}: 26.9/20$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -176.198 ± 74.668 $\chi^2/\text{NDF}: 18.3/19$

Left: -212.148 ± 52.146 $\chi^2/\text{NDF}: 45.6/40$

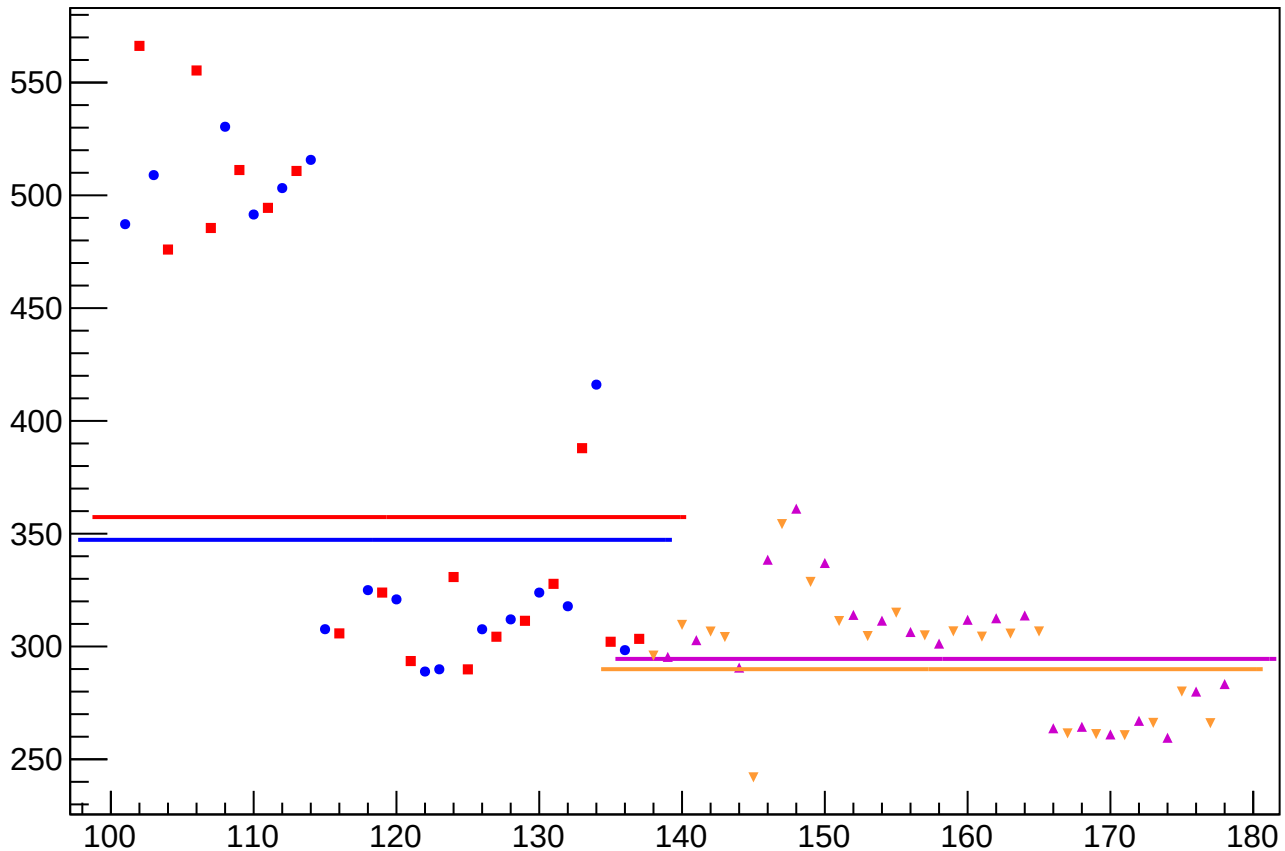
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -55.425 ± 65.595 $\chi^2/\text{NDF}: 38.3/36$

Out: -185.106 ± 64.533 $\chi^2/\text{NDF}: 47.1/38$

All: -121.324 ± 46.003 $\chi^2/\text{NDF}: 87.4/75$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 289.941+/-0.052 χ^2/NDF : 272281.7/20

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 294.498+/-0.053 χ^2/NDF : 255747.9/19

Left: 292.164+/-0.037 χ^2/NDF : 531845.0/40

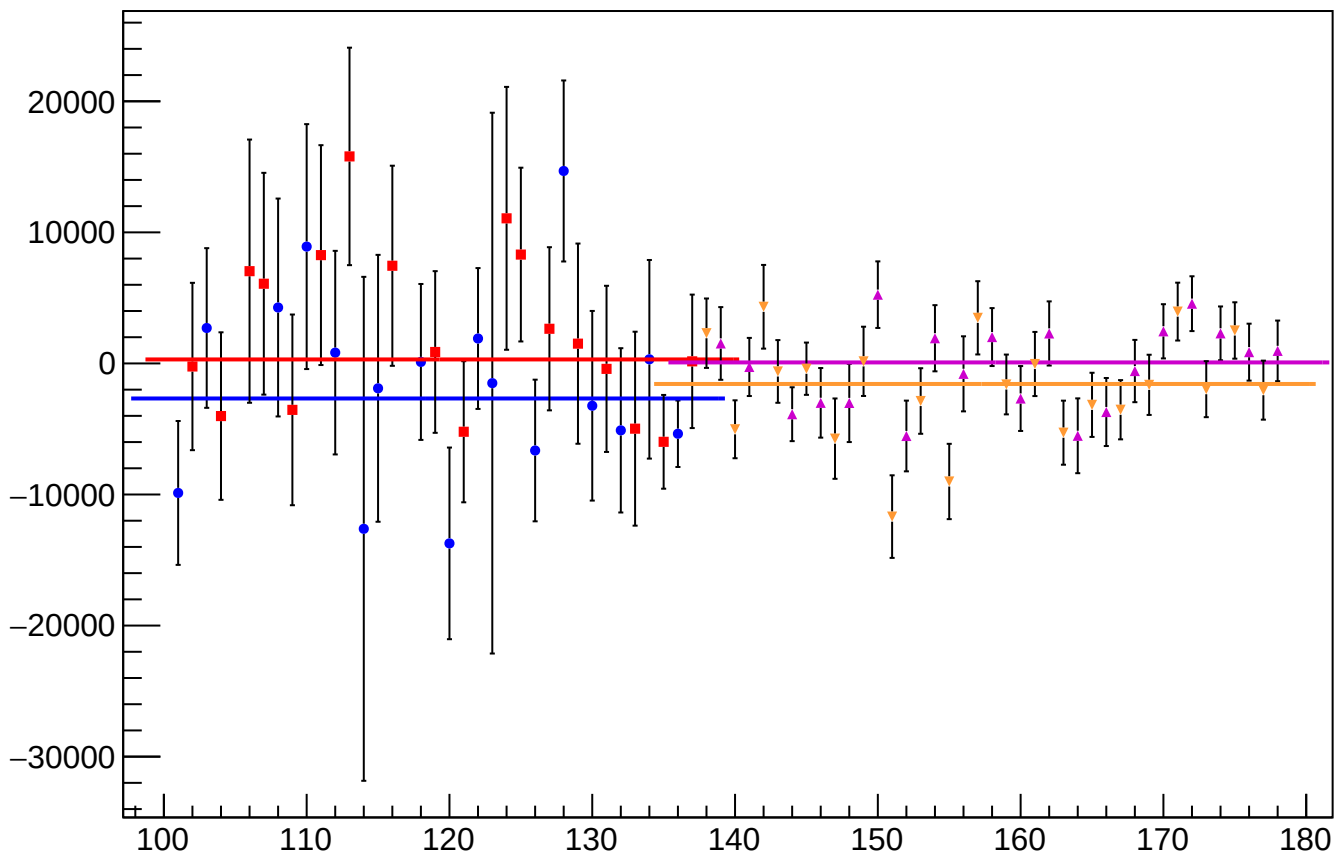
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 306.545+/-0.046 χ^2/NDF : 1102765.7/36

Out: 304.469+/-0.046 χ^2/NDF : 1401270.1/38

All: 305.490+/-0.033 χ^2/NDF : 2505054.0/75

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1567.136 $\pm$ 530.905 χ^2 /NDF: 45.1/20

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: 76.666 $\pm$ 536.250 χ^2 /NDF: 31.7/19

Left: -753.467 $\pm$ 377.282 χ^2 /NDF: 81.6/40

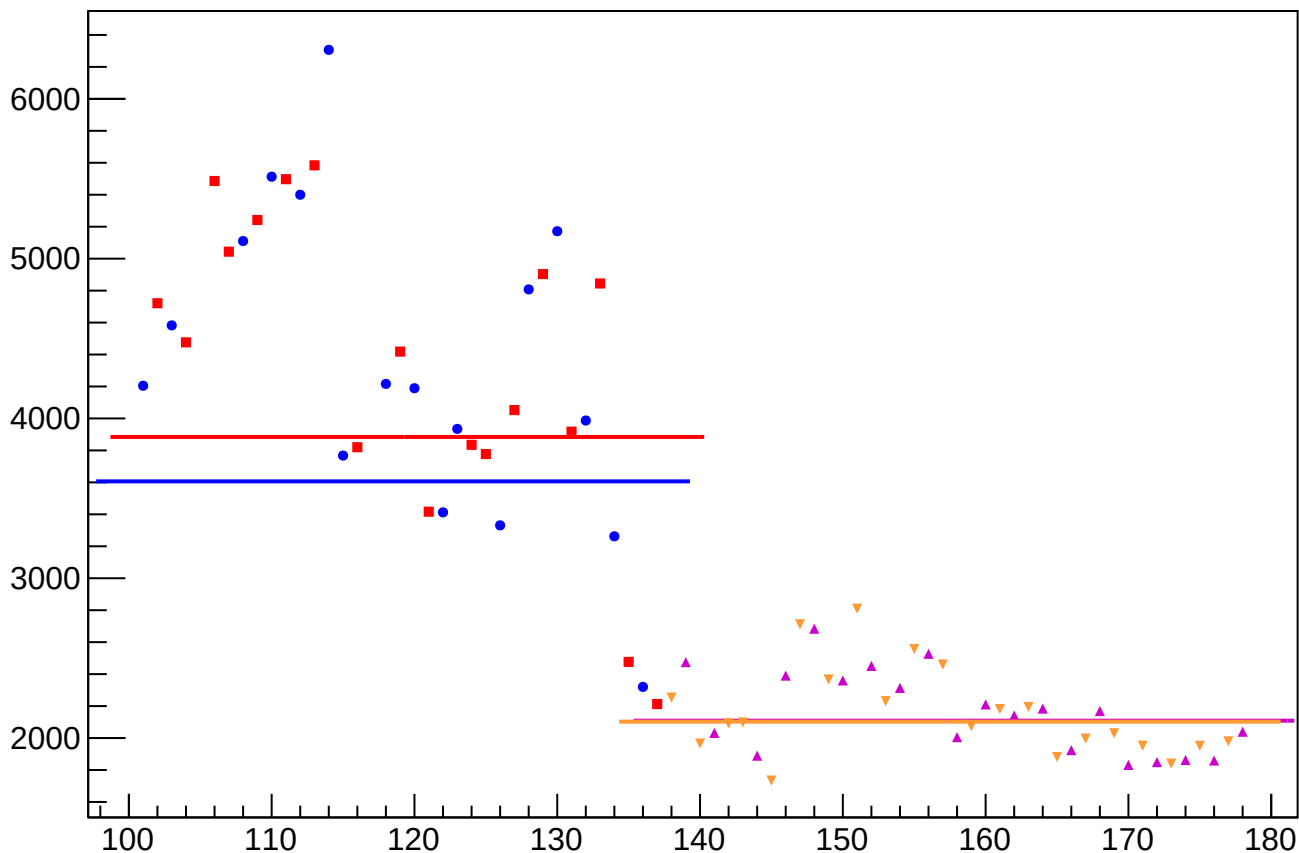
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -251.816 $\pm$ 503.213 χ^2 /NDF: 51.6/36

Out: -1363.077 $\pm$ 501.134 χ^2 /NDF: 60.9/38

All: -809.747 $\pm$ 355.088 χ^2 /NDF: 114.9/75

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2102.635+/-0.375 χ^2/NDF : 453557.2/20

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2108.624+/-0.379 χ^2/NDF : 409179.8/19

Left: 2105.599+/-0.267 χ^2/NDF : 862863.0/40

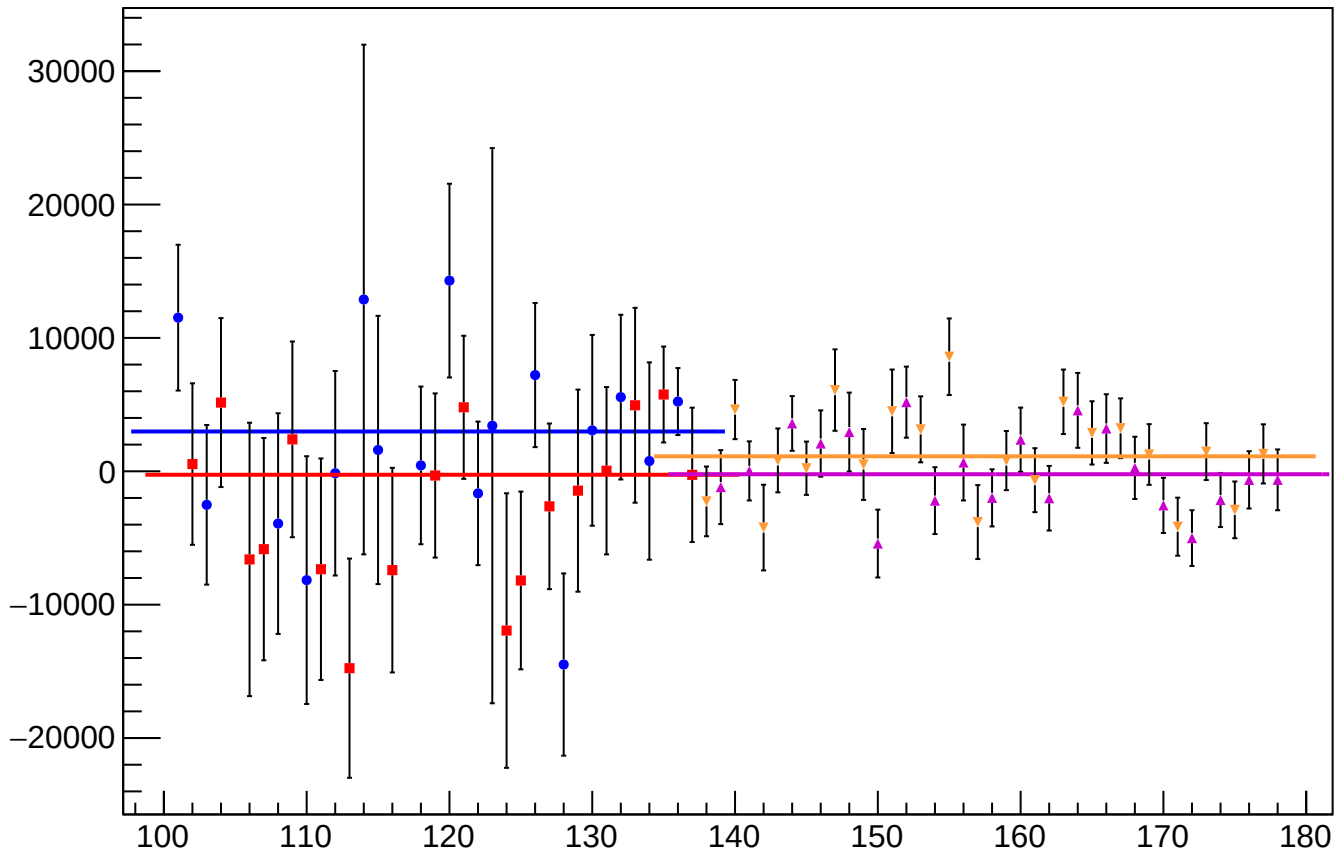
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2287.480+/-0.356 χ^2/NDF : 3364792.9/36

Out: 2296.840+/-0.354 χ^2/NDF : 3903181.1/38

All: 2292.180+/-0.251 χ^2/NDF : 7268321.4/75

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1122.634+/-526.201 χ^2/NDF : 36.0/20

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: -220.917+/-529.697 χ^2/NDF : 29.2/19

Left: 455.307+/-373.310 χ^2/NDF : 68.4/40

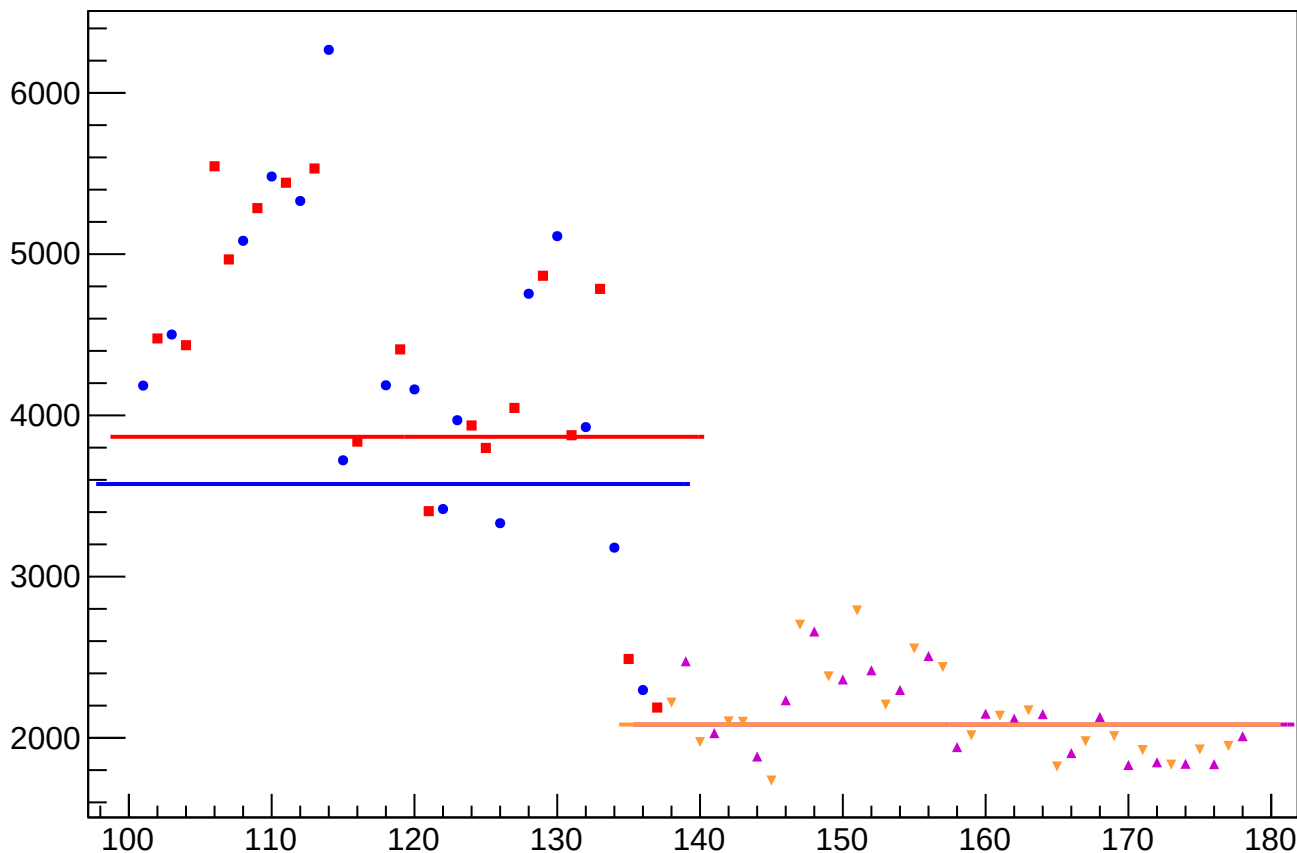
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 159.319+/-497.279 χ^2/NDF : 51.0/36

Out: 973.005+/-496.907 χ^2/NDF : 50.2/38

All: 566.466+/-351.498 χ^2/NDF : 102.6/75

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2082.825+/-0.372 χ^2/NDF : 463882.7/20

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2082.677+/-0.375 χ^2/NDF : 392056.8/19

Left: 2082.752+/-0.264 χ^2/NDF : 855939.6/40

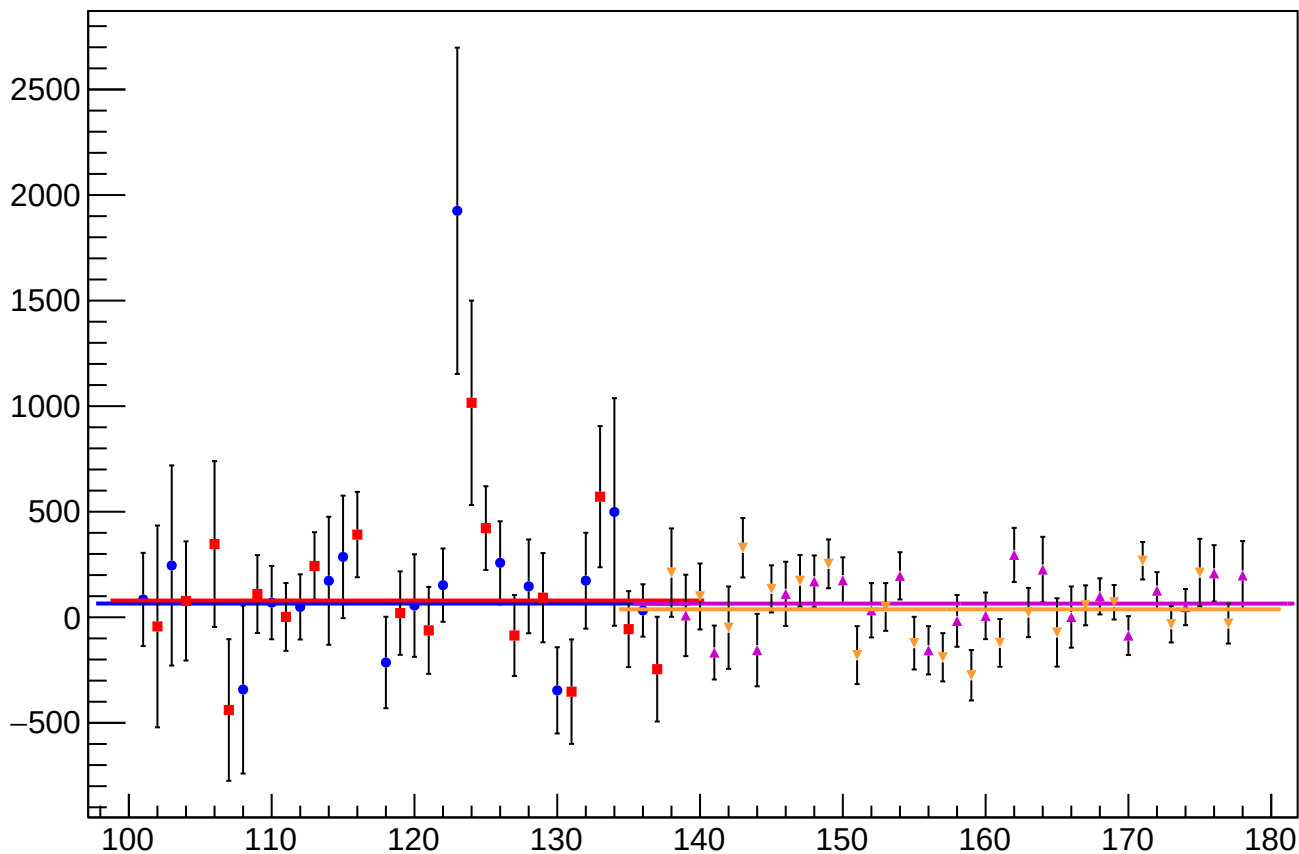
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2259.674+/-0.352 χ^2/NDF : 3365400.8/36

Out: 2275.974+/-0.351 χ^2/NDF : 3921522.4/38

All: 2267.830+/-0.249 χ^2/NDF : 7287998.4/75

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 37.771+/-25.254 χ^2/NDF : 37.5/20

Right Out: 79.473+/-52.344 χ^2/NDF : 22.2/17

Left In: 64.793+/-26.292 χ^2/NDF : 22.5/19

Left: 50.738+/-18.213 χ^2/NDF : 60.5/40

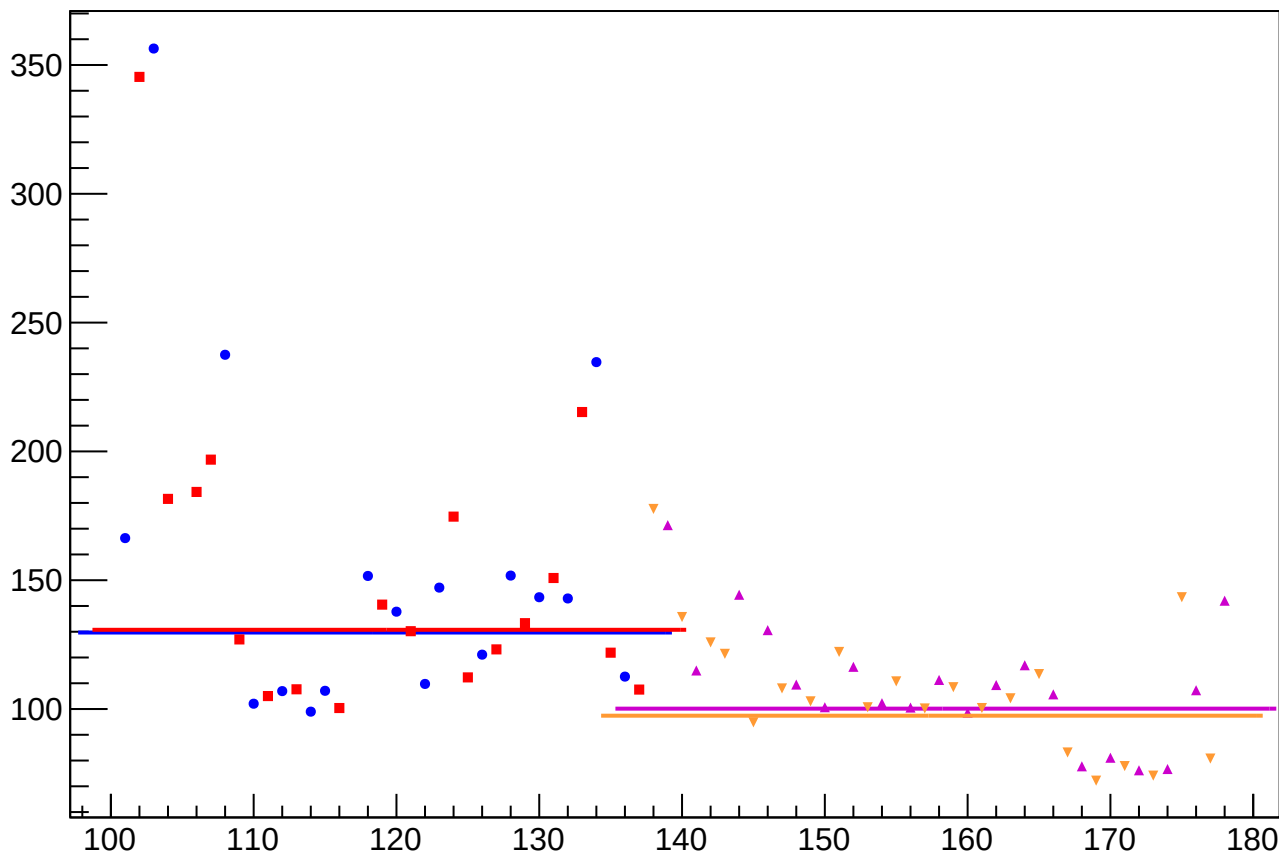
Right: 72.397+/-37.138 χ^2/NDF : 37.9/34

In: 64.879+/-23.527 χ^2/NDF : 38.2/36

Out: 45.645+/-22.745 χ^2/NDF : 60.1/38

All: 54.937+/-16.353 χ^2/NDF : 98.7/75

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 97.411 $\pm$ 0.018 χ^2 /NDF:1376976.5/20

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 100.143 $\pm$ 0.019 χ^2 /NDF:1269474.5/19

Left: 98.722 $\pm$ 0.013 χ^2 /NDF: 2657684.2/40

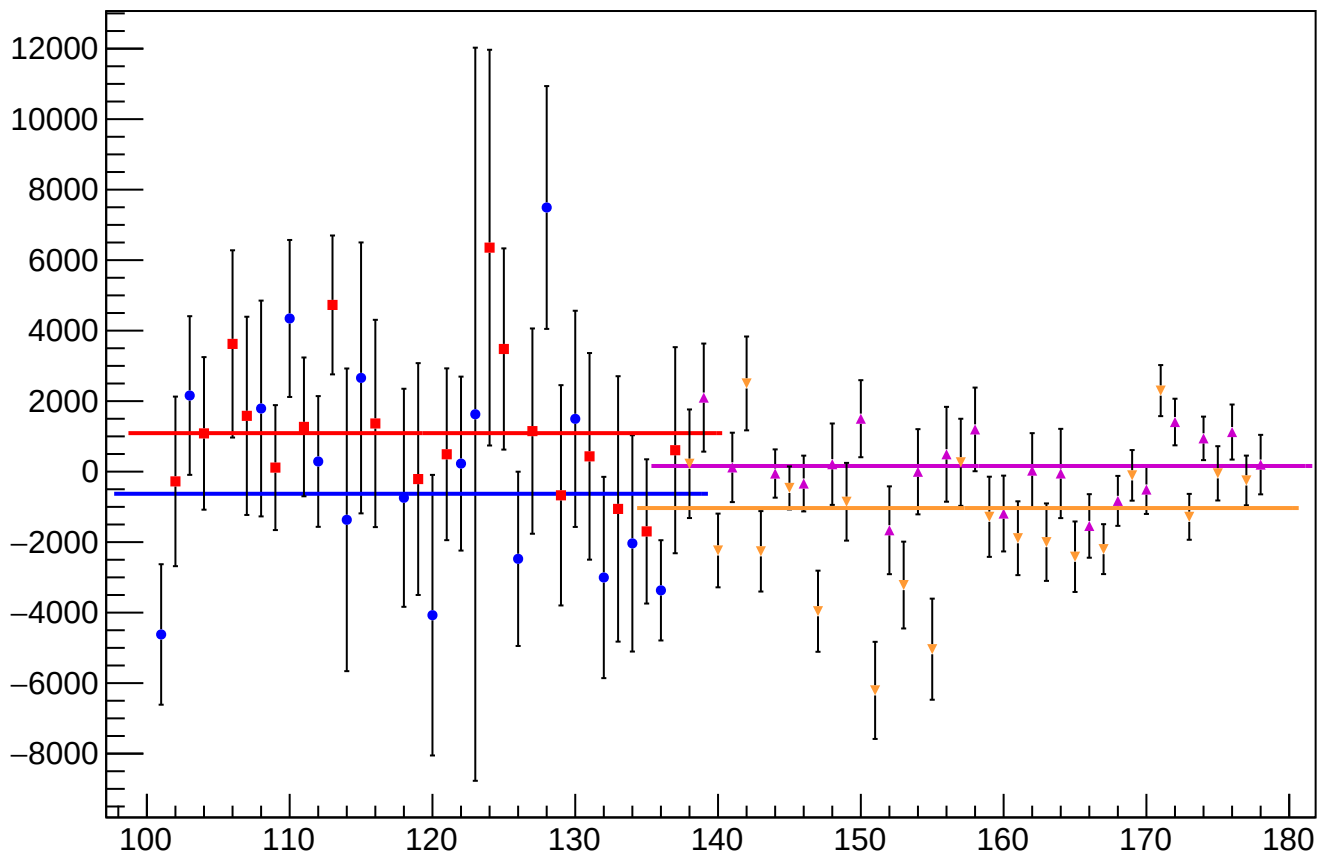
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 106.033 $\pm$ 0.017 χ^2 /NDF:2762773.4/36

Out: 103.706 $\pm$ 0.016 χ^2 /NDF:2962725.7/38

All: 104.830 $\pm$ 0.012 χ^2 /NDF: 5735611.1/75

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1033.076 ± 201.340 χ^2/NDF : 75.7/20

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 160.044 ± 199.994 χ^2/NDF : 21.3/19

Left: -432.516 ± 141.891 χ^2/NDF : 114.7/40

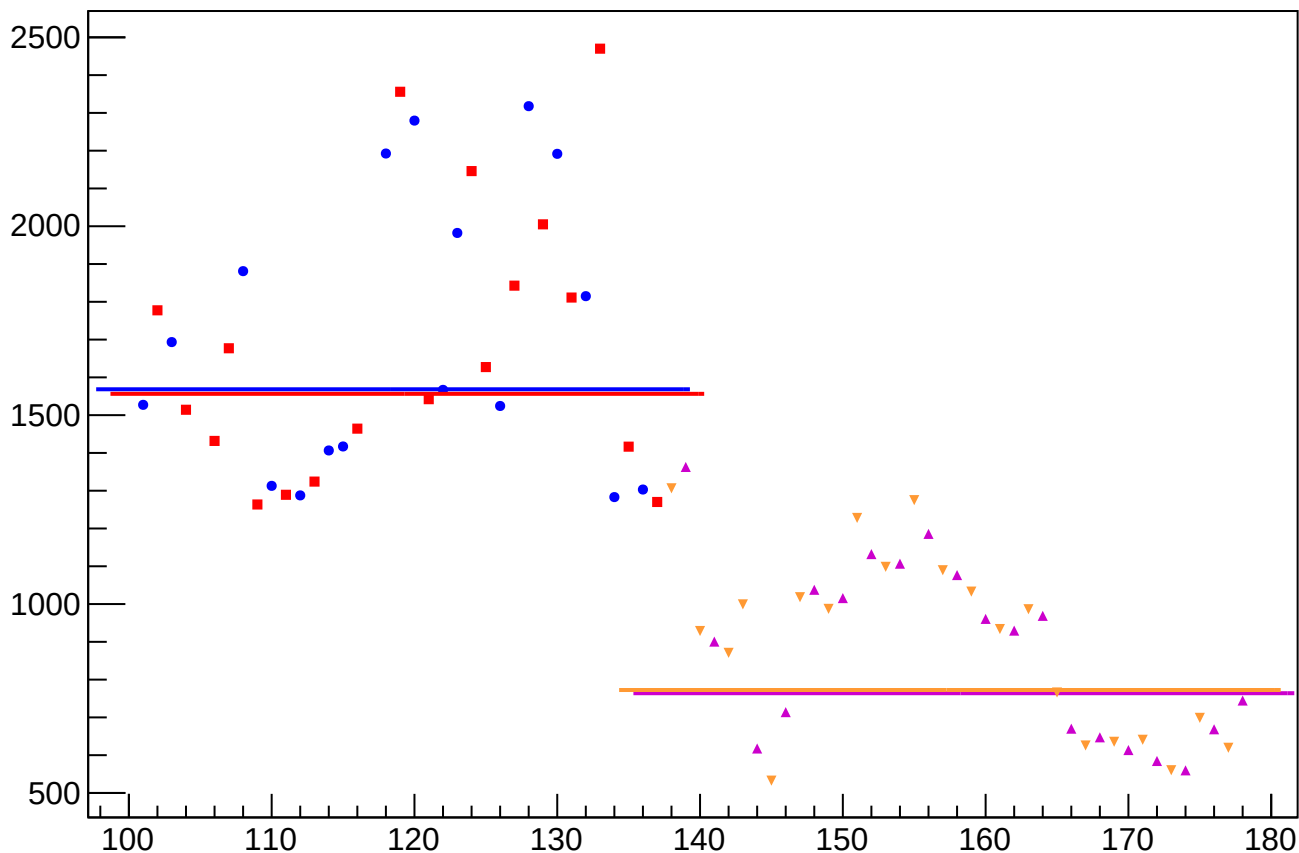
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: 86.079 ± 190.380 χ^2/NDF : 47.1/36

Out: -817.672 ± 190.863 χ^2/NDF : 96.3/38

All: -364.651 ± 134.789 χ^2/NDF : 154.7/75

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 772.479+/-0.142 χ^2/NDF : 2364662.8/20

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 764.016+/-0.141 χ^2/NDF : 2067757.6/19

Left: 768.219+/-0.100 χ^2/NDF : 4434199.3/40

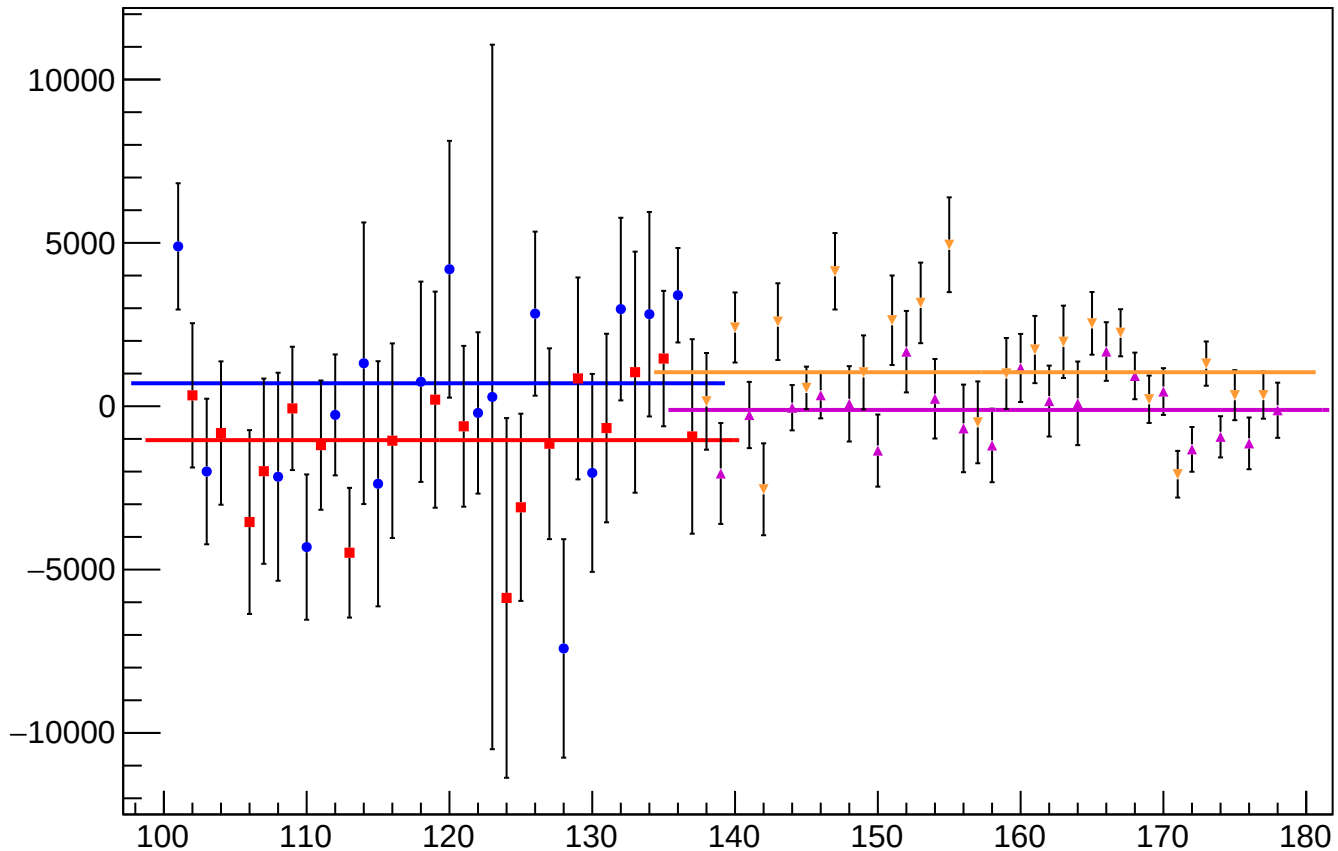
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 839.505+/-0.135 χ^2/NDF : 5638547.4/36

Out: 851.944+/-0.135 χ^2/NDF : 5948594.4/38

All: 845.709+/-0.095 χ^2/NDF : 11591400.1/75

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1041.468 $\pm$ 204.028 χ^2 /NDF: 59.5/20

Right Out: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: -112.804 $\pm$ 200.440 χ^2 /NDF: 21.4/19

Left: 454.094 $\pm$ 142.984 χ^2 /NDF: 97.2/40

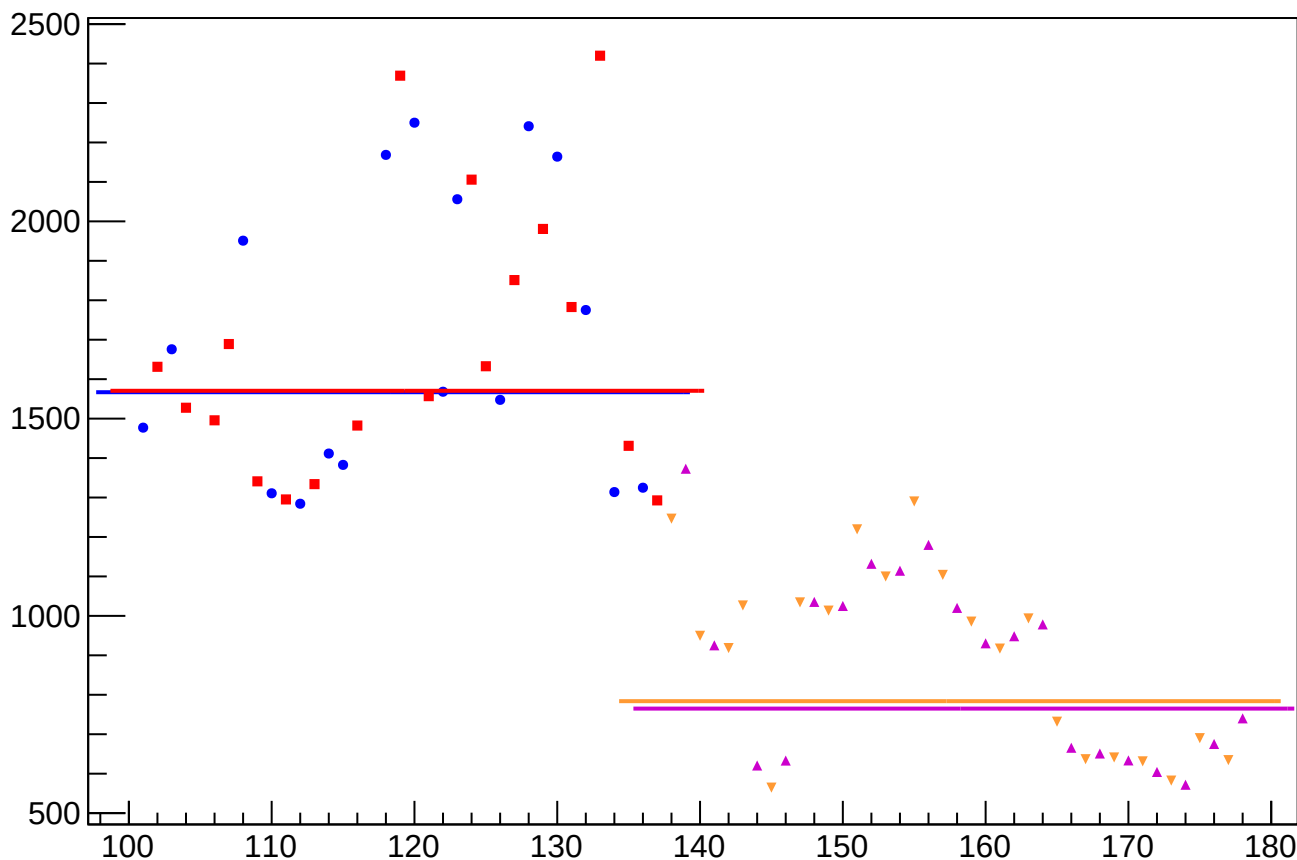
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: -35.740 $\pm$ 190.739 χ^2 /NDF: 48.9/36

Out: 828.606 $\pm$ 193.306 χ^2 /NDF: 78.4/38

All: 390.655 $\pm$ 135.771 χ^2 /NDF: 137.4/75

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 783.796 $\pm$ 0.144 χ^2 /NDF:2180047.2/20

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 764.962 $\pm$ 0.142 χ^2 /NDF:2000650.0/19

Left: 774.212 $\pm$ 0.101 χ^2 /NDF: 4189369.6/40

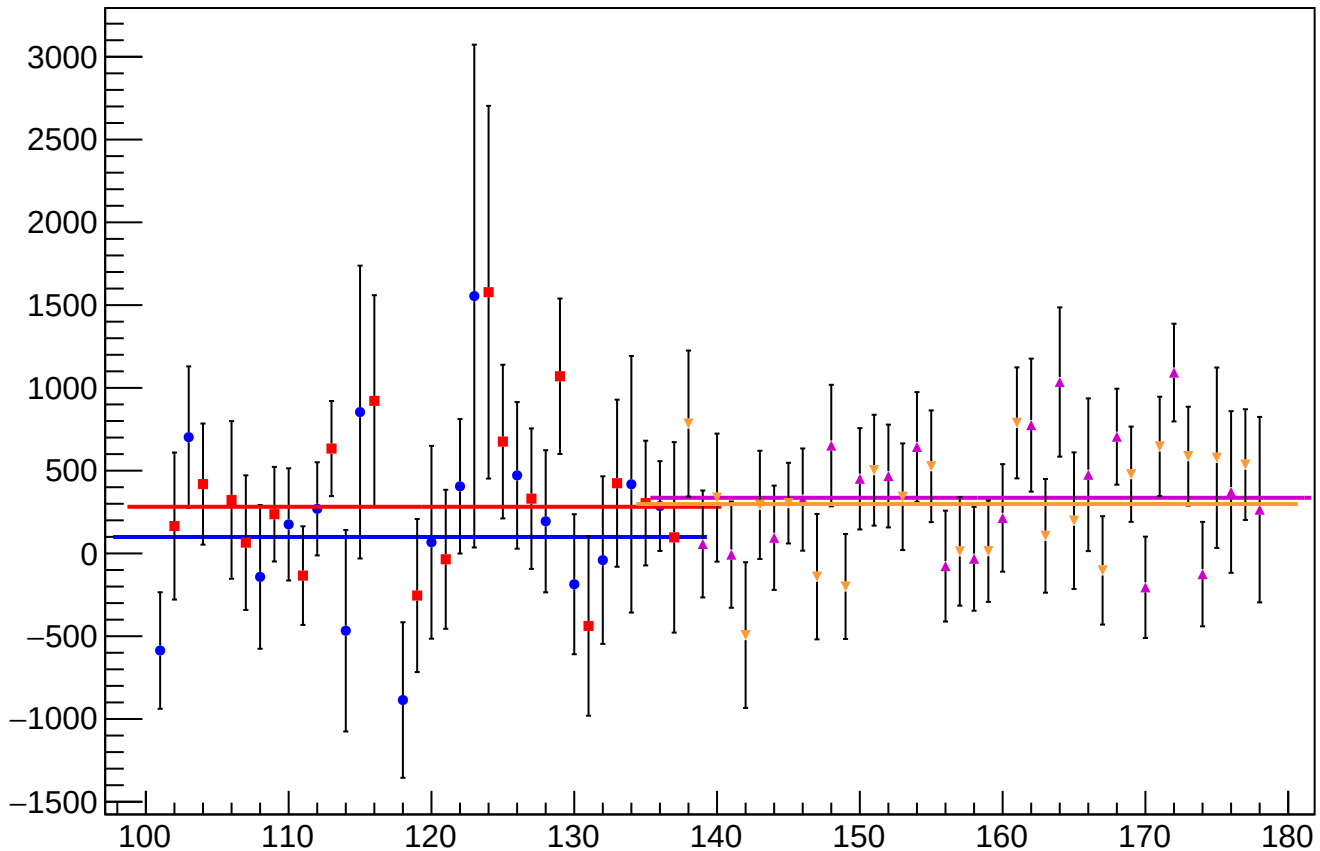
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 840.714 $\pm$ 0.135 χ^2 /NDF:5524700.9/36

Out: 864.315 $\pm$ 0.137 χ^2 /NDF:5662880.8/38

All: 852.356 $\pm$ 0.096 χ^2 /NDF: 11202687.5/75

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 298.449 $\pm$ 73.179 χ^2/NDF : 18.2/20

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 336.219 $\pm$ 75.963 χ^2/NDF : 24.6/19

Left: 316.629 $\pm$ 52.702 χ^2/NDF : 42.9/40

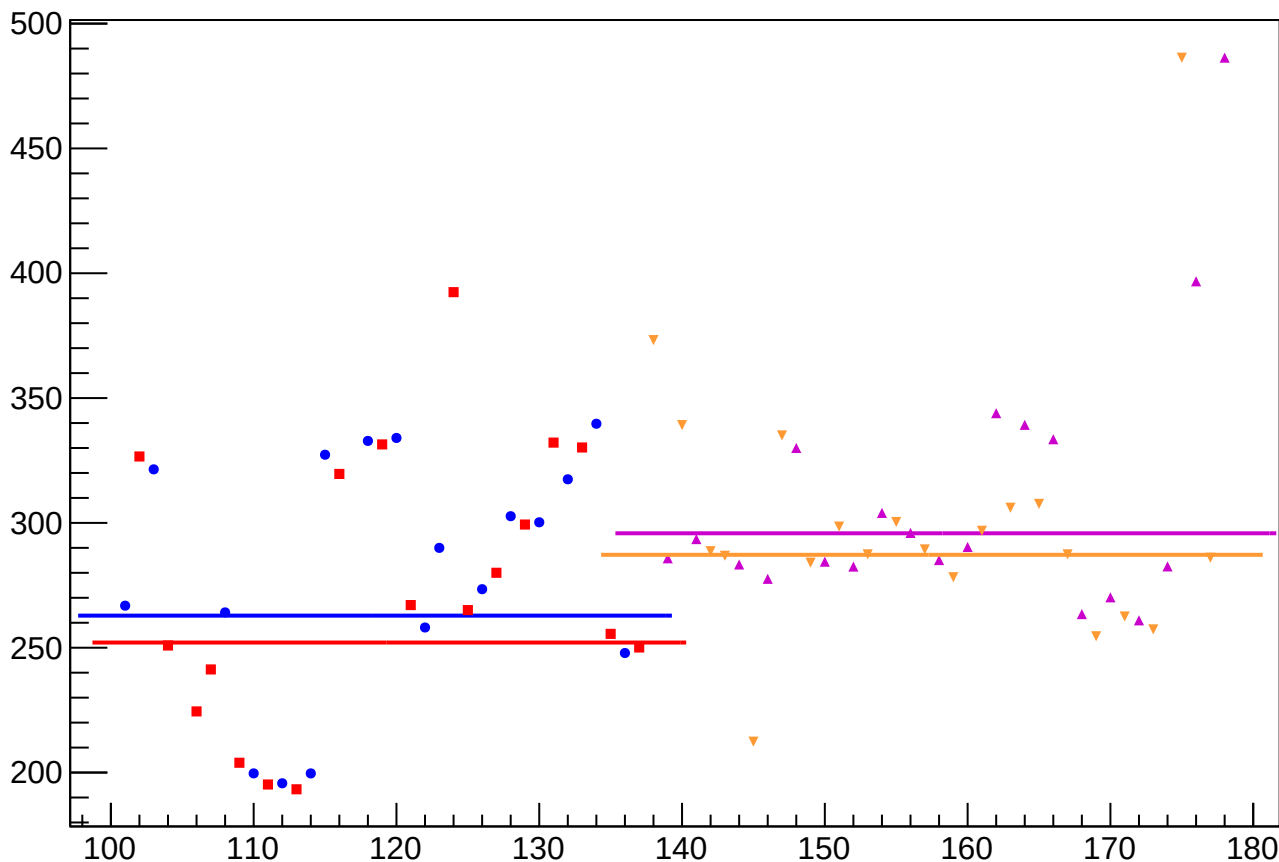
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 253.270 $\pm$ 61.231 χ^2/NDF : 43.9/36

Out: 292.490 $\pm$ 58.610 χ^2/NDF : 31.9/38

All: 273.737 $\pm$ 42.340 χ^2/NDF : 76.1/75

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 287.218 $\pm$ 0.052 χ^2 /NDF: 679148.6/20

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 295.840 $\pm$ 0.054 χ^2 /NDF: 487975.6/19

Left: 291.368 $\pm$ 0.037 χ^2 /NDF: 1180488.5/40

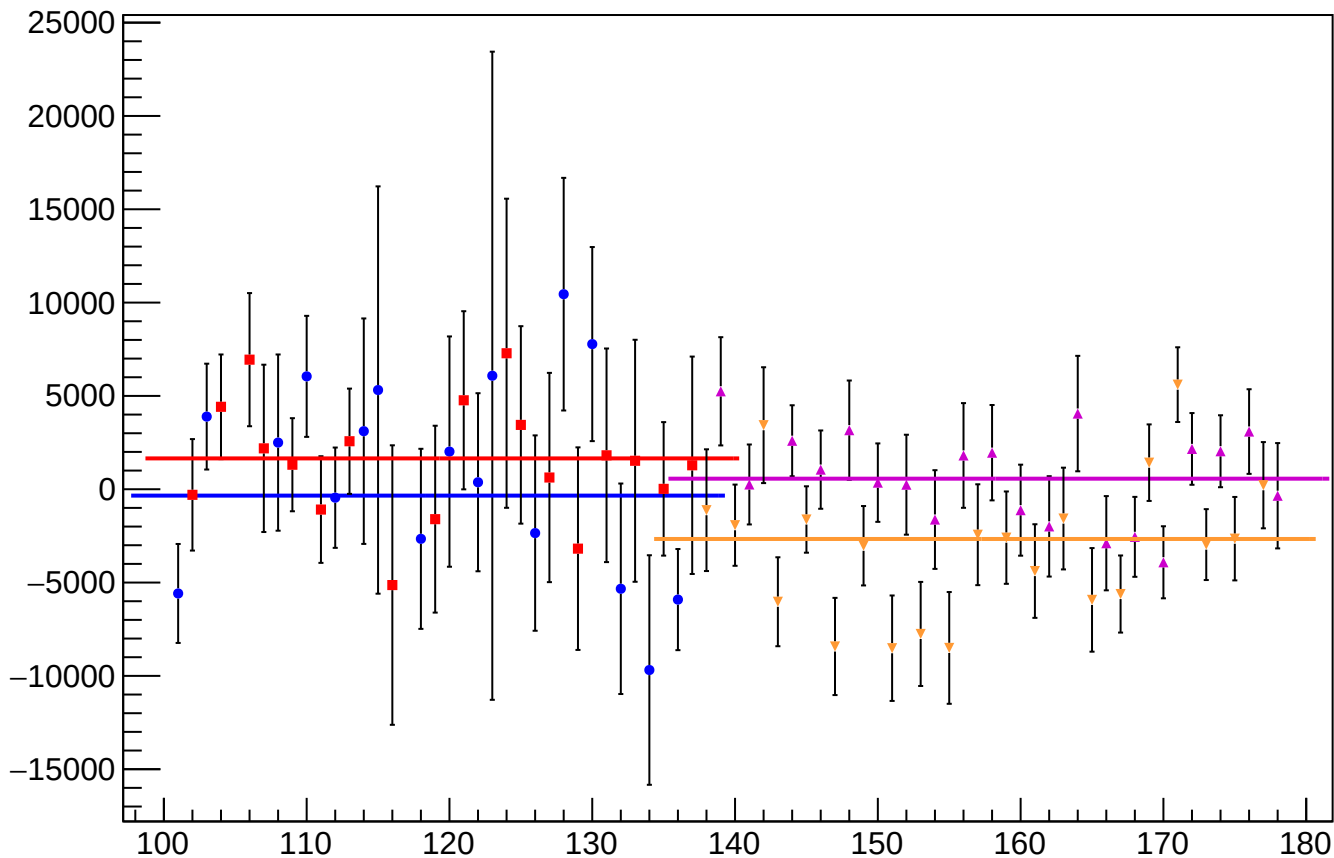
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 284.288 $\pm$ 0.043 χ^2 /NDF: 1031742.0/36

Out: 274.619 $\pm$ 0.041 χ^2 /NDF: 1359634.9/38

All: 279.242 $\pm$ 0.030 χ^2 /NDF: 2417401.2/75

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2664.678 ± 516.702 $\chi^2/\text{NDF}: 49.6/20$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 565.738 ± 520.871 $\chi^2/\text{NDF}: 20.6/19$

Left: -1062.450 ± 366.829 $\chi^2/\text{NDF}: 89.6/40$

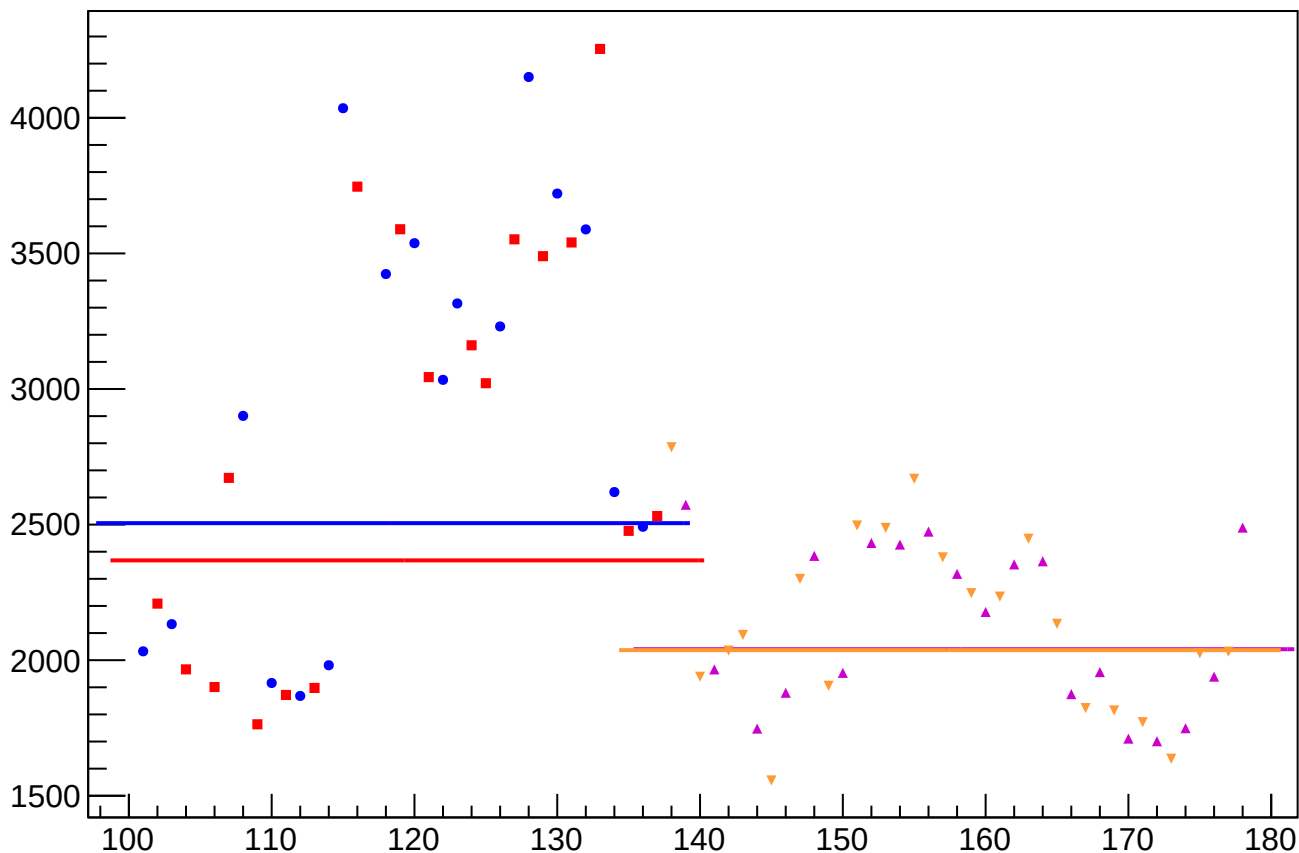
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 373.523 ± 462.415 $\chi^2/\text{NDF}: 45.7/36$

Out: -1646.258 ± 451.655 $\chi^2/\text{NDF}: 74.0/38$

All: -660.140 ± 323.106 $\chi^2/\text{NDF}: 129.4/75$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2037.073 $\pm$ 0.365 χ^2 /NDF: 754676.9/20

Right Out: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2040.446 $\pm$ 0.368 χ^2 /NDF: 610817.9/19

Left: 2038.746 $\pm$ 0.259 χ^2 /NDF: 1365537.1/40

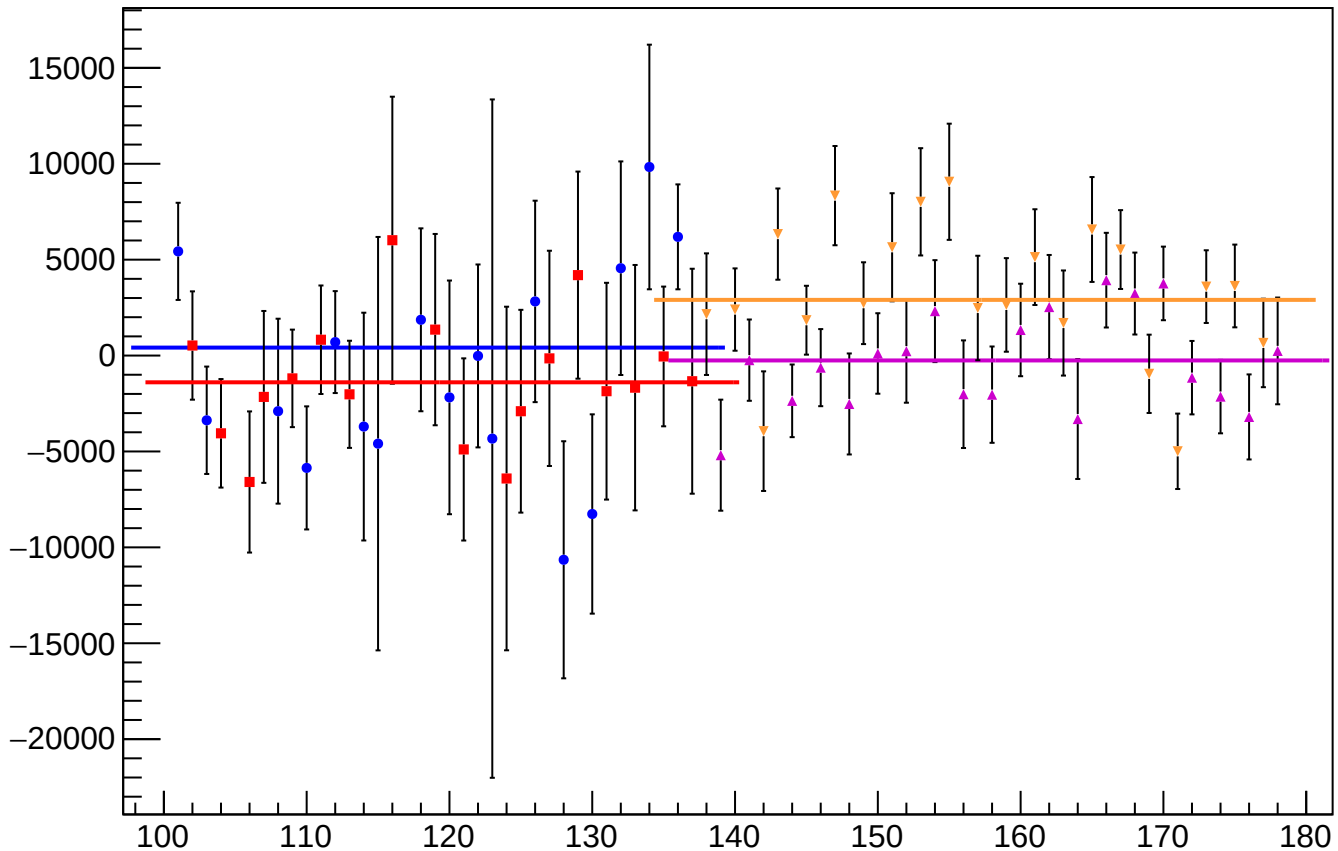
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2138.936 $\pm$ 0.327 χ^2 /NDF: 1812475.9/36

Out: 2115.149 $\pm$ 0.319 χ^2 /NDF: 1979111.0/38

All: 2126.763 $\pm$ 0.228 χ^2 /NDF: 3794295.3/75

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 +/- 994.913 χ^2/NDF : 24.5/16

Left Out: 2903.376 +/- 513.986 χ^2/NDF : 45.5/20

Right Out: -1394.660 +/- 928.996 χ^2/NDF : 7.5/17

Left In: -254.387 +/- 516.507 χ^2/NDF : 22.2/19

Left: 1332.218 +/- 364.331 χ^2/NDF : 86.5/40

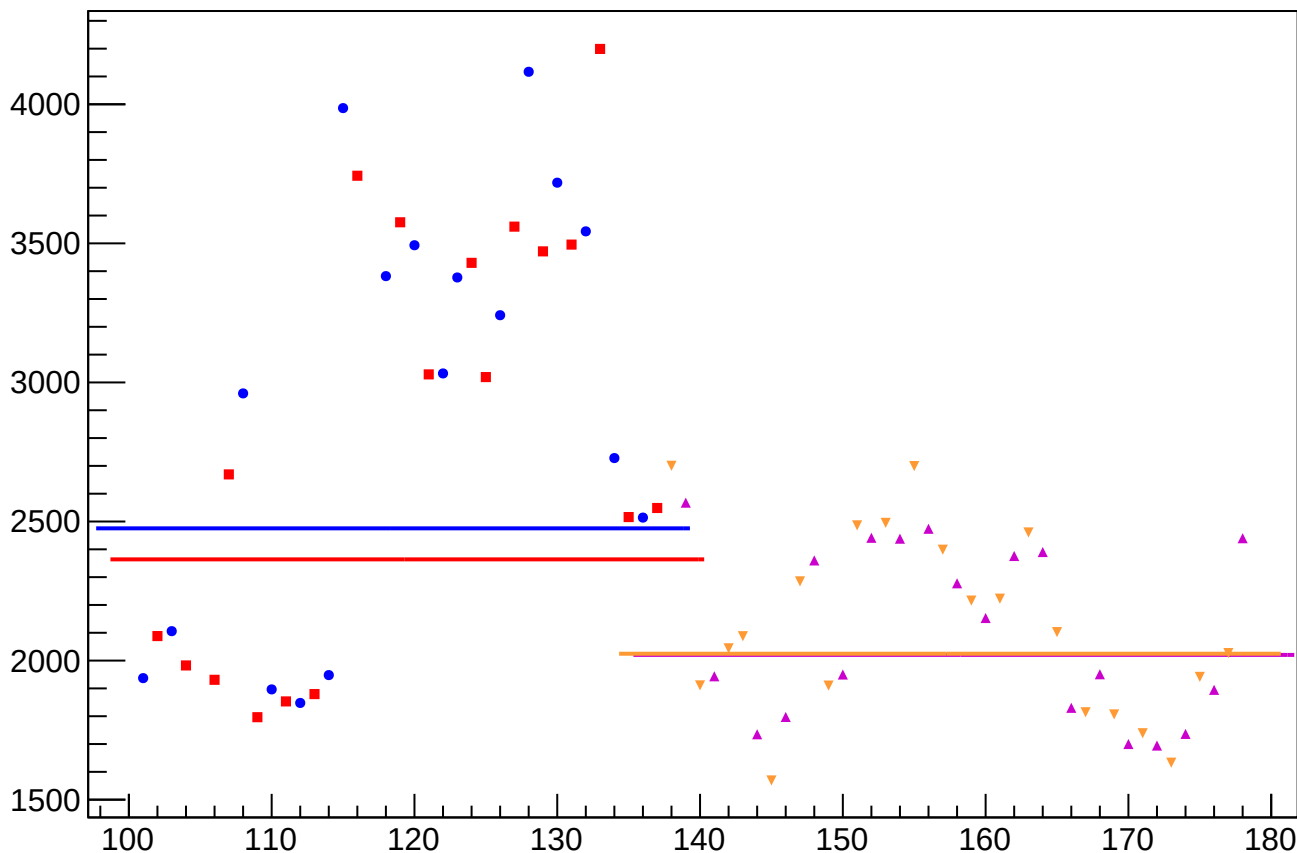
Right: -551.504 +/- 679.008 χ^2/NDF : 33.8/34

In: -112.162 +/- 458.413 χ^2/NDF : 47.0/36

Out: 1896.059 +/- 449.741 χ^2/NDF : 69.5/38

All: 911.125 +/- 321.037 χ^2/NDF : 126.3/75

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2024.650 $\pm$ 0.363 χ^2 /NDF: 751499.9/20

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2020.427 $\pm$ 0.365 χ^2 /NDF: 643420.2/19

Left: 2022.549 $\pm$ 0.258 χ^2 /NDF: 1394987.3/40

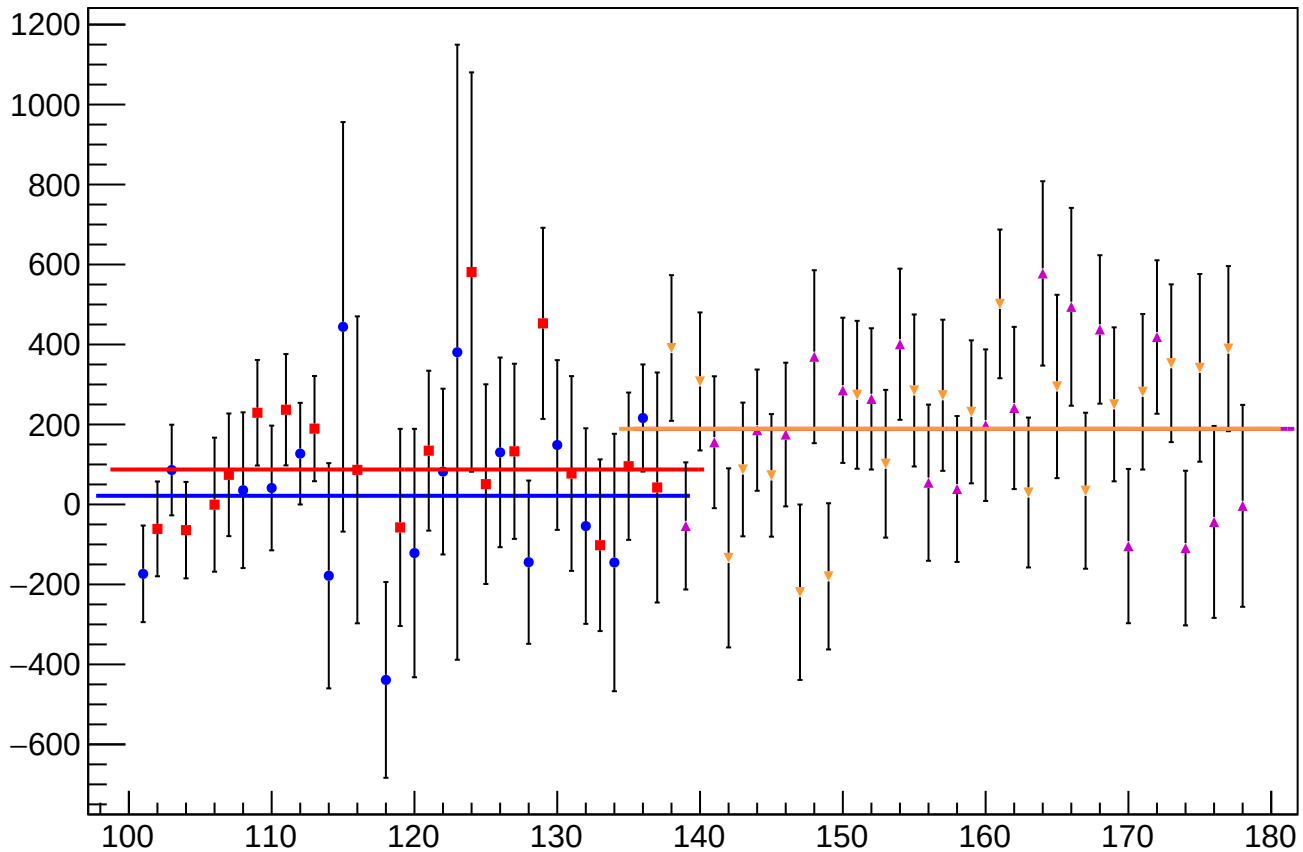
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2117.024 $\pm$ 0.324 χ^2 /NDF: 1885996.5/36

Out: 2104.160 $\pm$ 0.318 χ^2 /NDF: 1982587.8/38

All: 2110.469 $\pm$ 0.227 χ^2 /NDF: 3869386.8/75

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 189.132 $\pm$ 41.465 χ^2 /NDF:20.0/20

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 189.068 $\pm$ 42.678 χ^2 /NDF:19.8/19

Left: 189.101 $\pm$ 29.740 χ^2 /NDF: 39.8/40

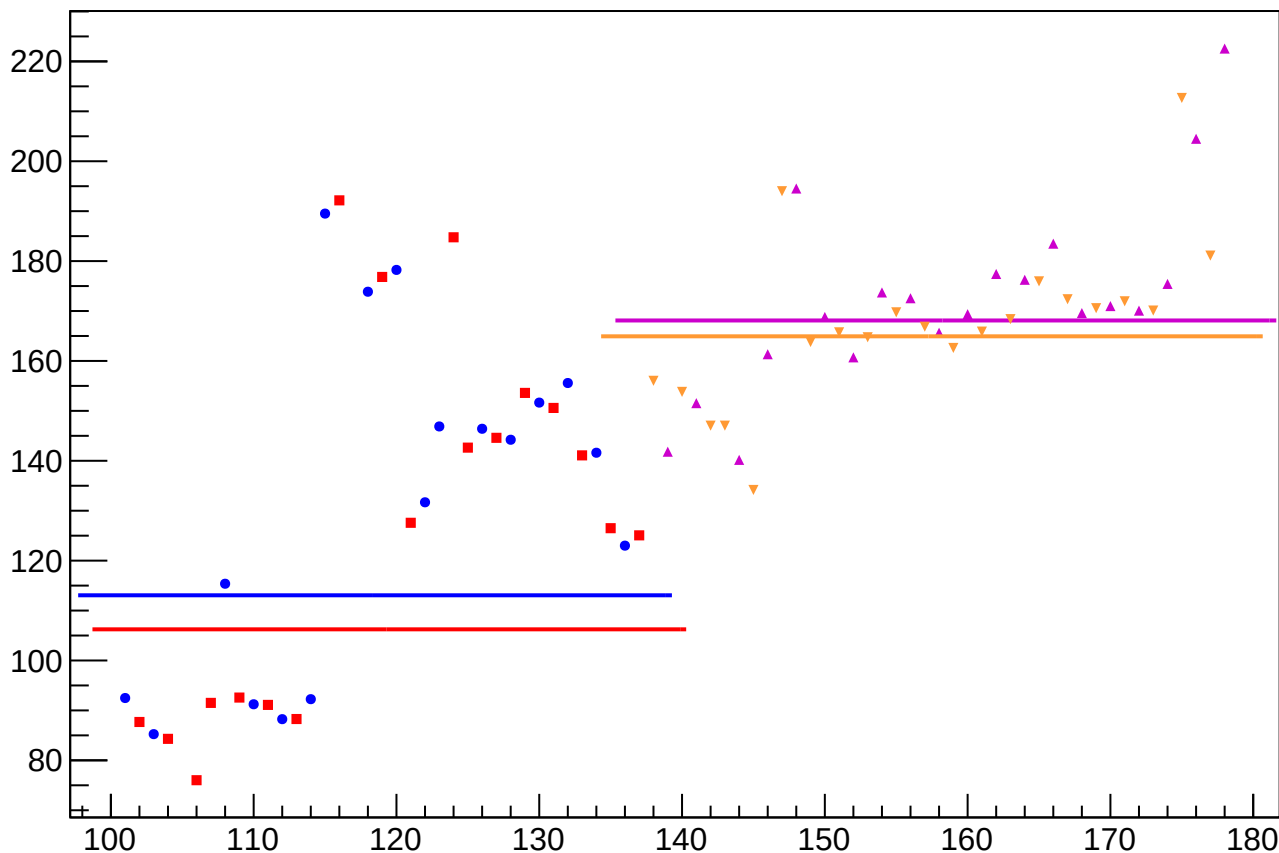
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 110.078 $\pm$ 31.017 χ^2 /NDF:39.7/36

Out: 138.727 $\pm$ 29.447 χ^2 /NDF:33.9/38

All: 125.146 $\pm$ 21.356 χ^2 /NDF: 74.0/75

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 164.931 $\pm$ 0.029 χ^2 /NDF: 275438.2/20

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 168.107 $\pm$ 0.030 χ^2 /NDF: 339330.3/19

Left: 166.473 $\pm$ 0.021 χ^2 /NDF: 620463.1/40

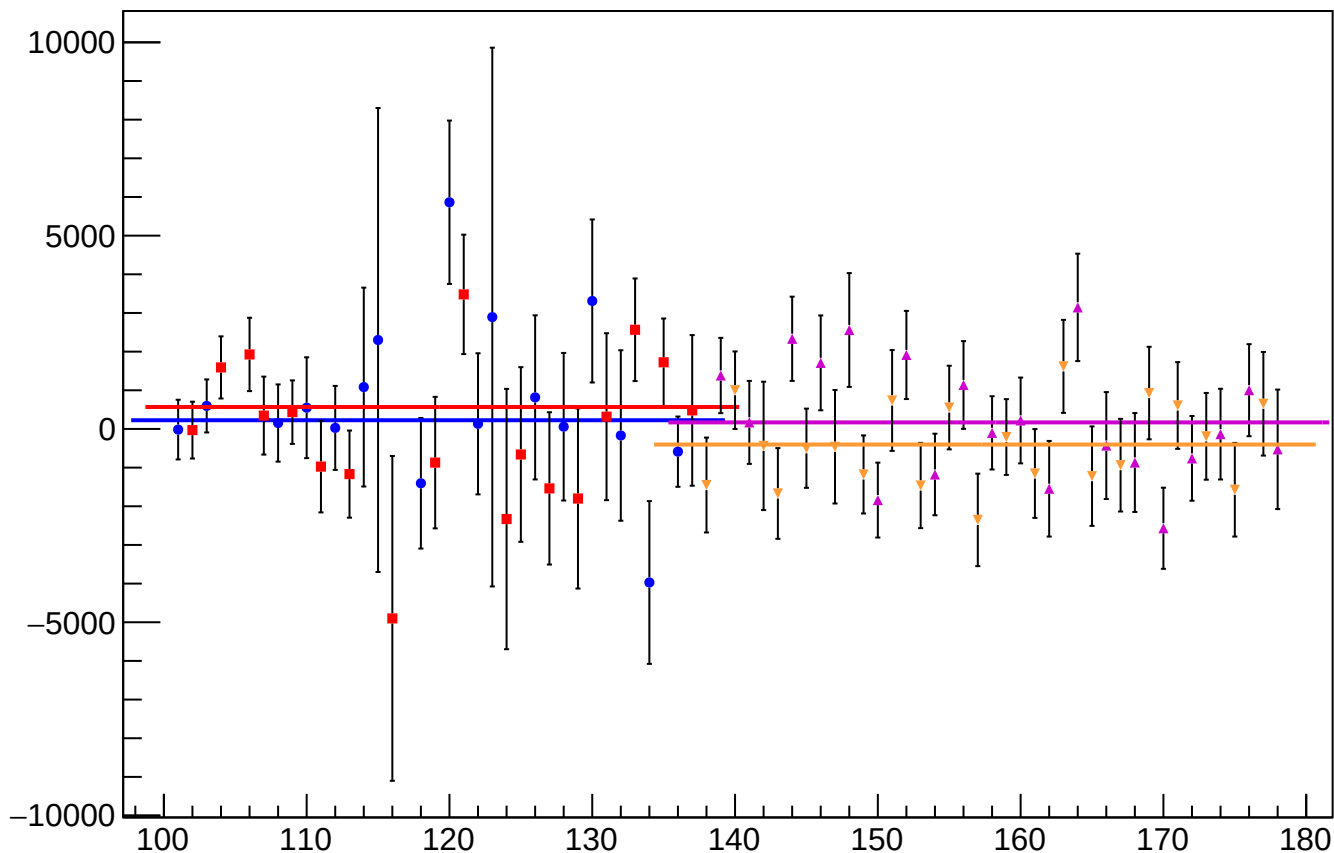
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 142.135 $\pm$ 0.022 χ^2 /NDF: 2729982.2/36

Out: 135.841 $\pm$ 0.021 χ^2 /NDF: 3213246.6/38

All: 138.824 $\pm$ 0.015 χ^2 /NDF: 5986543.6/75

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -402.953 $\pm$ 254.592 χ^2 /NDF:17.1/20

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 169.334 $\pm$ 256.284 χ^2 /NDF:34.4/19

Left: -118.704 $\pm$ 180.619 χ^2 /NDF: 54.1/40

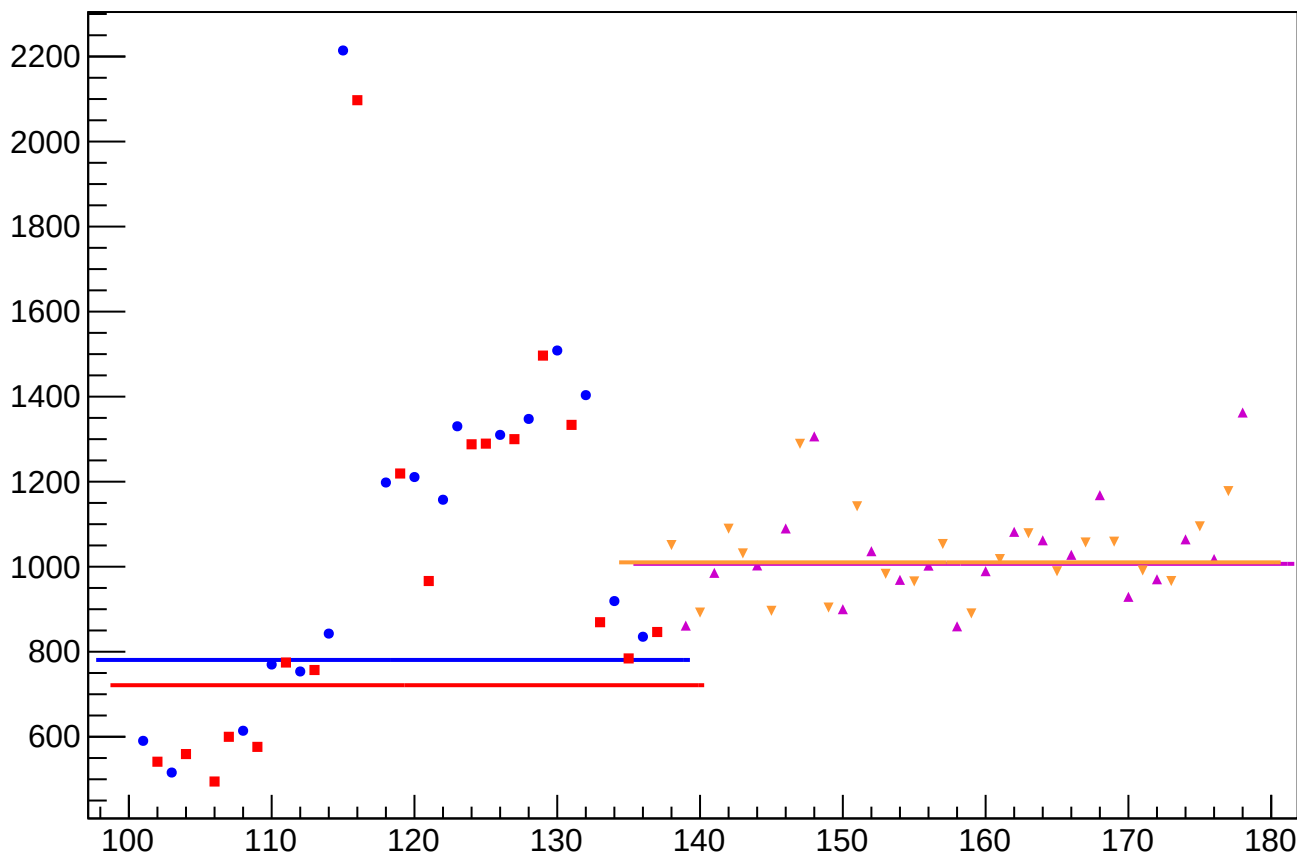
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 191.217 $\pm$ 200.381 χ^2 /NDF:50.4/36

Out: 18.886 $\pm$ 191.468 χ^2 /NDF:44.4/38

All: 101.134 $\pm$ 138.432 χ^2 /NDF: 95.2/75

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1010.233+/-0.180 χ^2/NDF : 270167.3/20

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 1006.720+/-0.181 χ^2/NDF : 381456.6/19

Left: 1008.488+/-0.128 χ^2/NDF : 651813.0/40

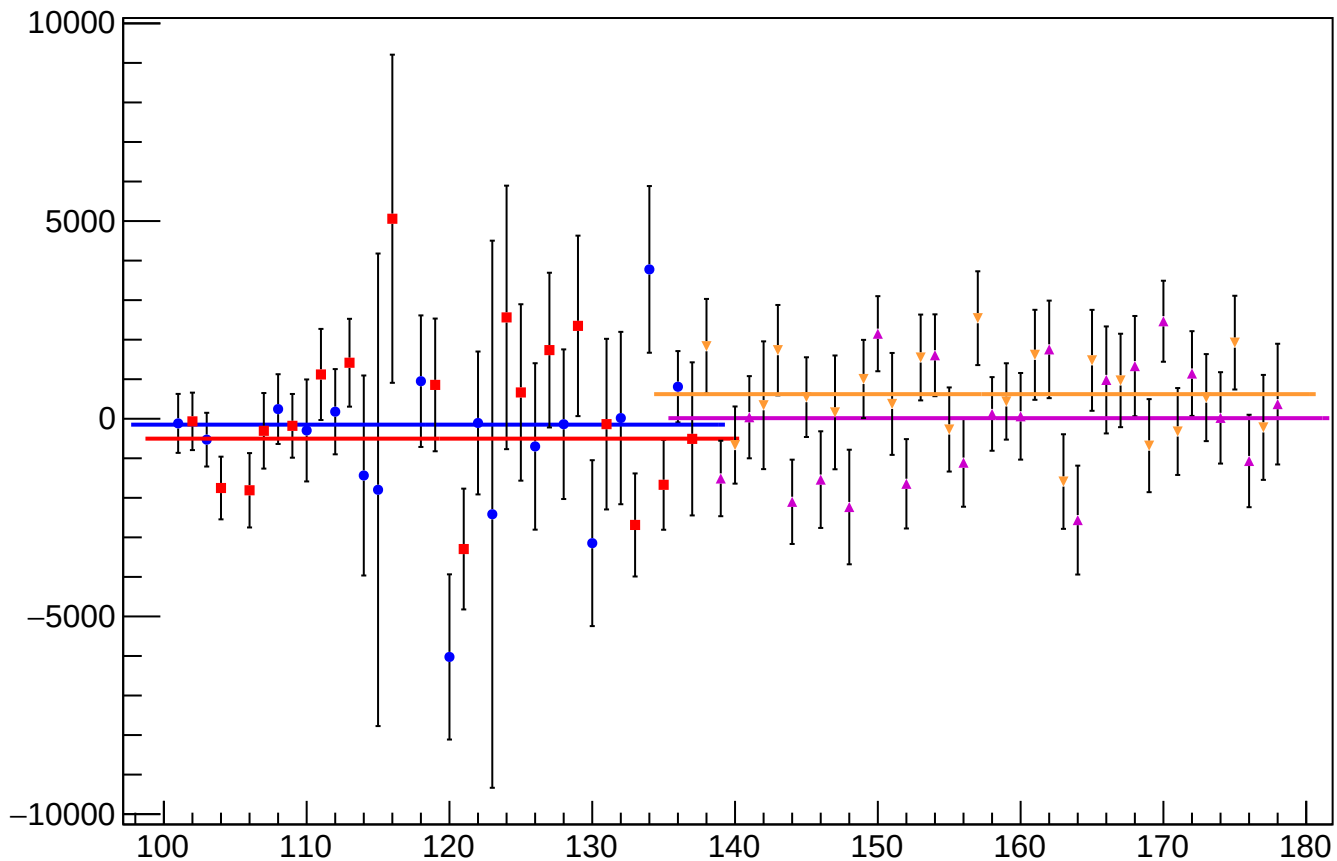
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 918.871+/-0.142 χ^2/NDF : 2595570.0/36

Out: 884.702+/-0.135 χ^2/NDF : 3016084.6/38

All: 901.010+/-0.098 χ^2/NDF : 5642054.4/75

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 622.273+/-250.328 χ^2/NDF :16.4/20

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: 14.893+/-251.964 χ^2/NDF :36.0/19

Left: 320.560+/-177.584 χ^2/NDF : 55.3/40

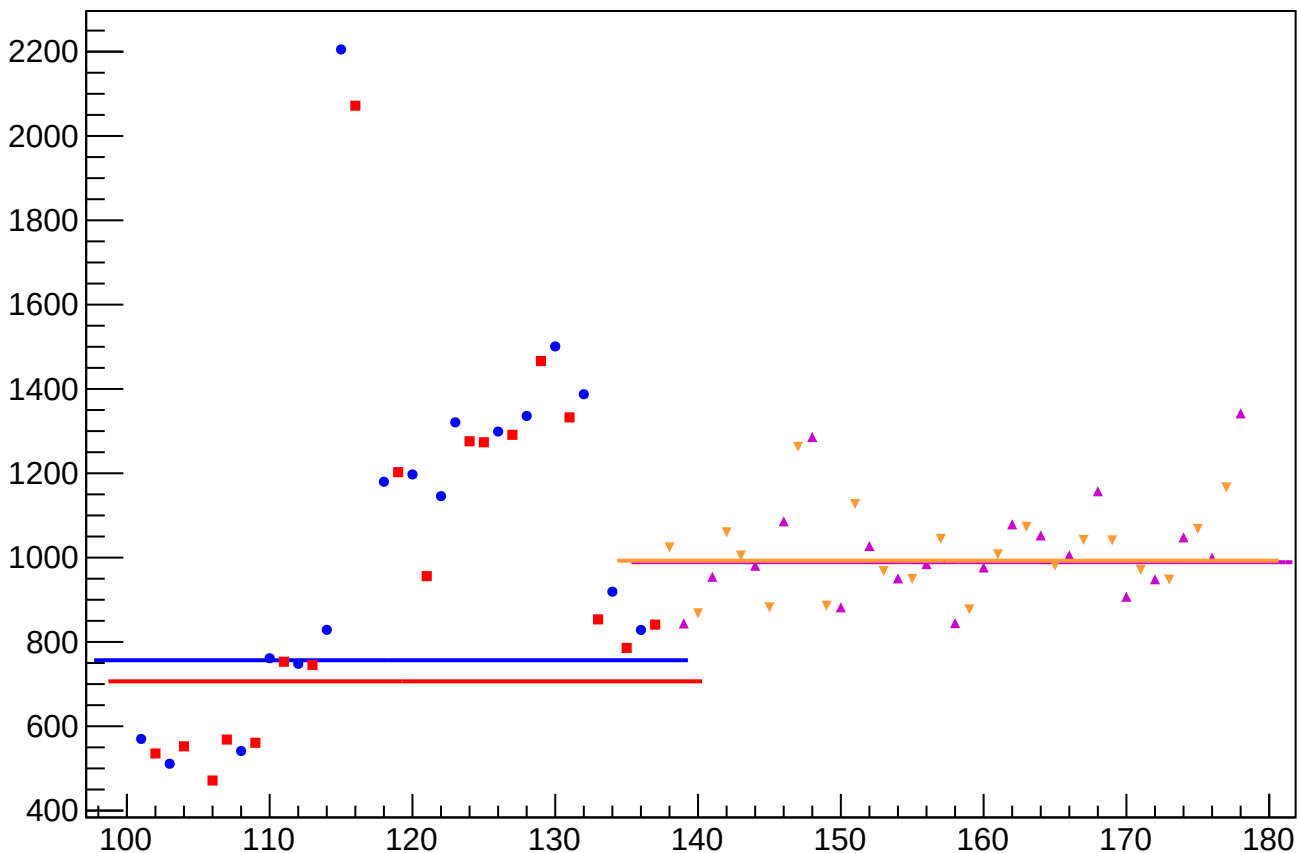
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -49.625+/-196.262 χ^2/NDF :52.2/36

Out: 133.656+/-188.303 χ^2/NDF :48.8/38

All: 45.807+/-135.877 χ^2/NDF : 101.5/75

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 992.739 $\pm$ 0.177 χ^2/NDF : 277053.5/20

Right Out: 706.550 $\pm$ 0.202 χ^2/NDF : 1670007.9/17

Left In: 989.078 $\pm$ 0.178 χ^2/NDF : 402370.5/19

Left: 990.921 $\pm$ 0.126 χ^2/NDF : 679636.5/40

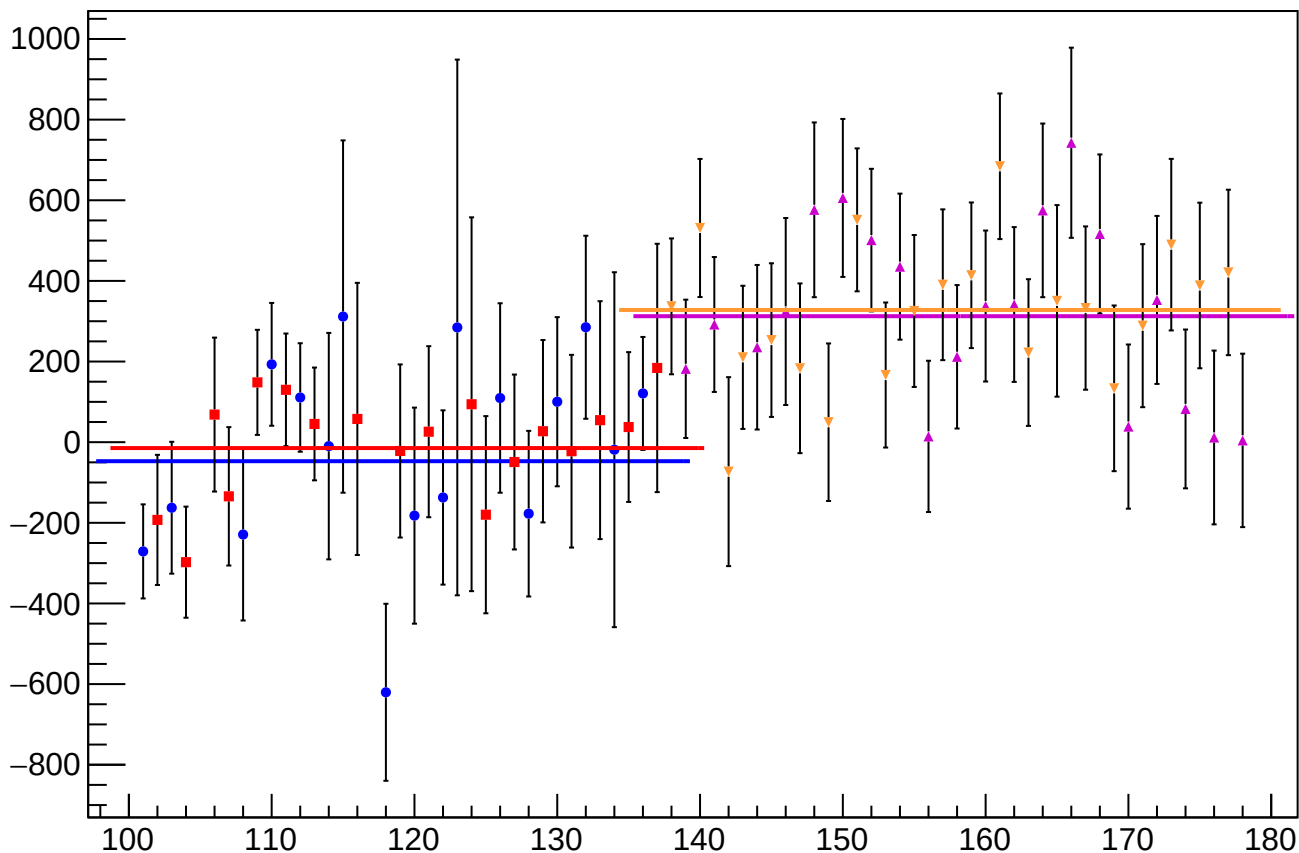
Right: 729.280 $\pm$ 0.149 χ^2/NDF : 3411474.4/34

In: 897.628 $\pm$ 0.139 χ^2/NDF : 2785948.6/36

Out: 868.488 $\pm$ 0.133 χ^2/NDF : 3081980.2/38

All: 882.455 $\pm$ 0.096 χ^2/NDF : 5890886.1/75

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 327.927 $\pm$ 42.017 χ^2/NDF : 16.2/20

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 312.433 $\pm$ 43.890 χ^2/NDF : 22.0/19

Left: 320.518 $\pm$ 30.351 χ^2/NDF : 38.3/40

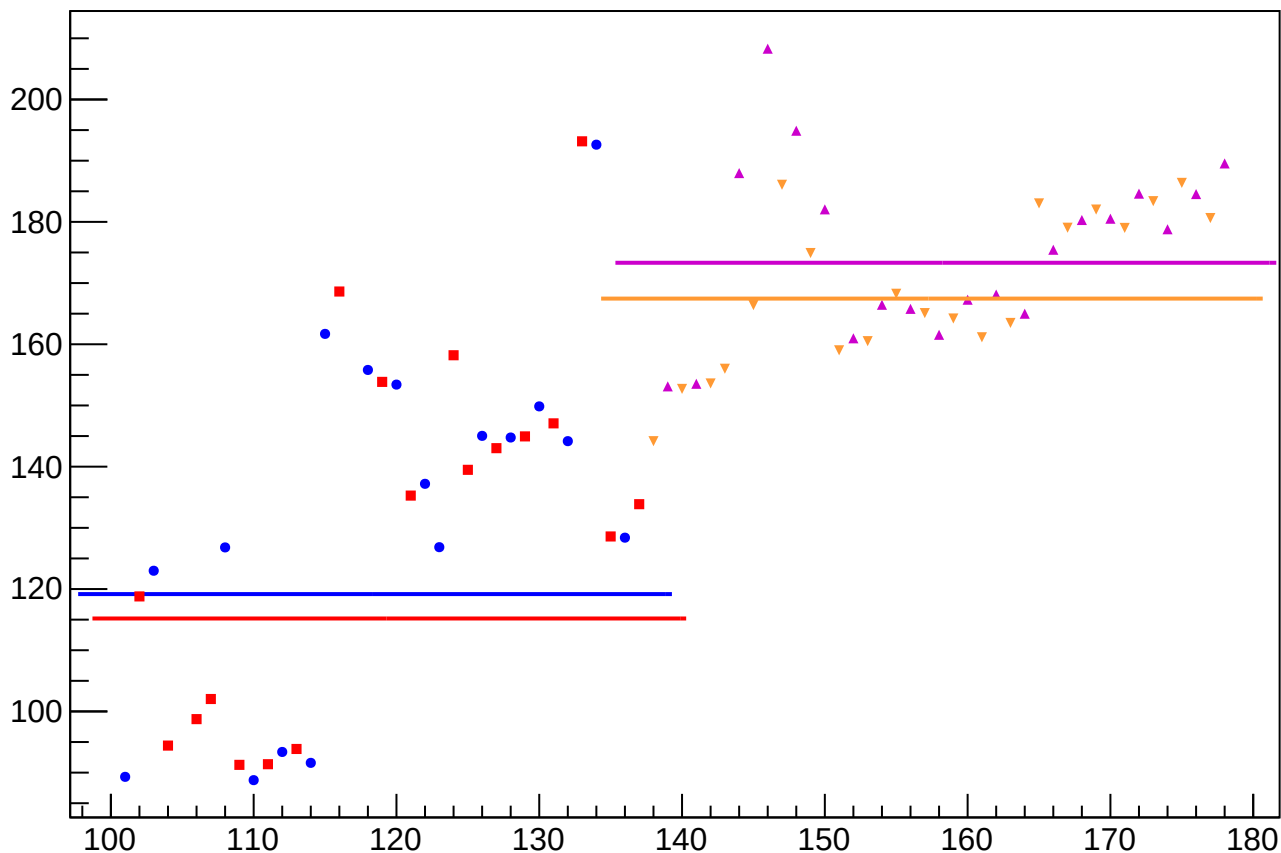
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 145.946 $\pm$ 32.163 χ^2/NDF : 75.0/36

Out: 167.810 $\pm$ 30.663 χ^2/NDF : 57.4/38

All: 157.400 $\pm$ 22.193 χ^2/NDF : 132.7/75

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 167.464+/-0.030 χ^2/NDF : 167048.5/20

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 173.318+/-0.031 χ^2/NDF : 195846.1/19

Left: 170.264+/-0.021 χ^2/NDF : 381459.5/40

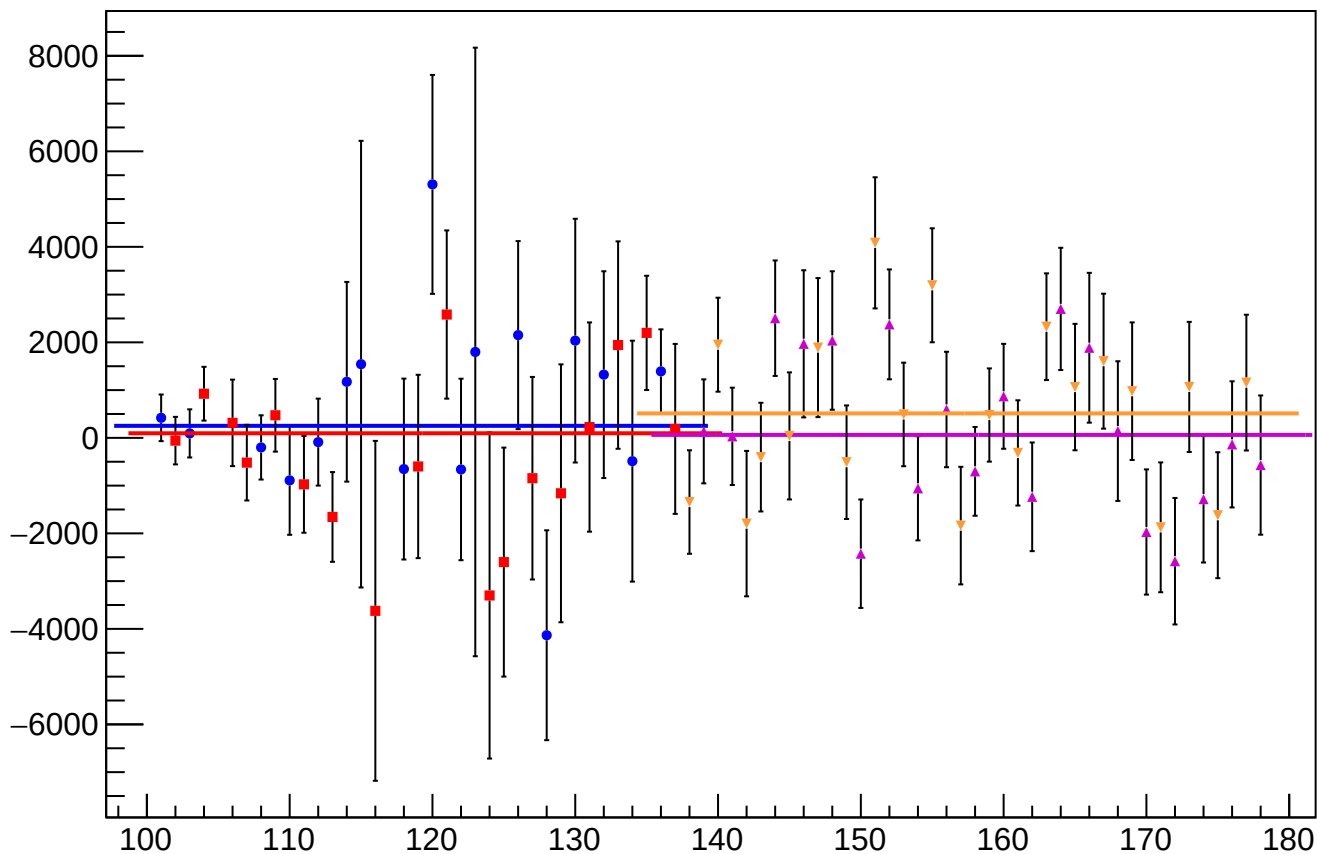
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 148.251+/-0.023 χ^2/NDF : 2220288.5/36

Out: 143.029+/-0.022 χ^2/NDF : 2289768.4/38

All: 145.515+/-0.016 χ^2/NDF : 4537674.4/75

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 511.974 $\pm$ 267.720 χ^2 /NDF:35.4/20

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 61.750 $\pm$ 272.658 χ^2 /NDF:33.3/19

Left: 290.975 $\pm$ 191.028 χ^2 /NDF: 70.1/40

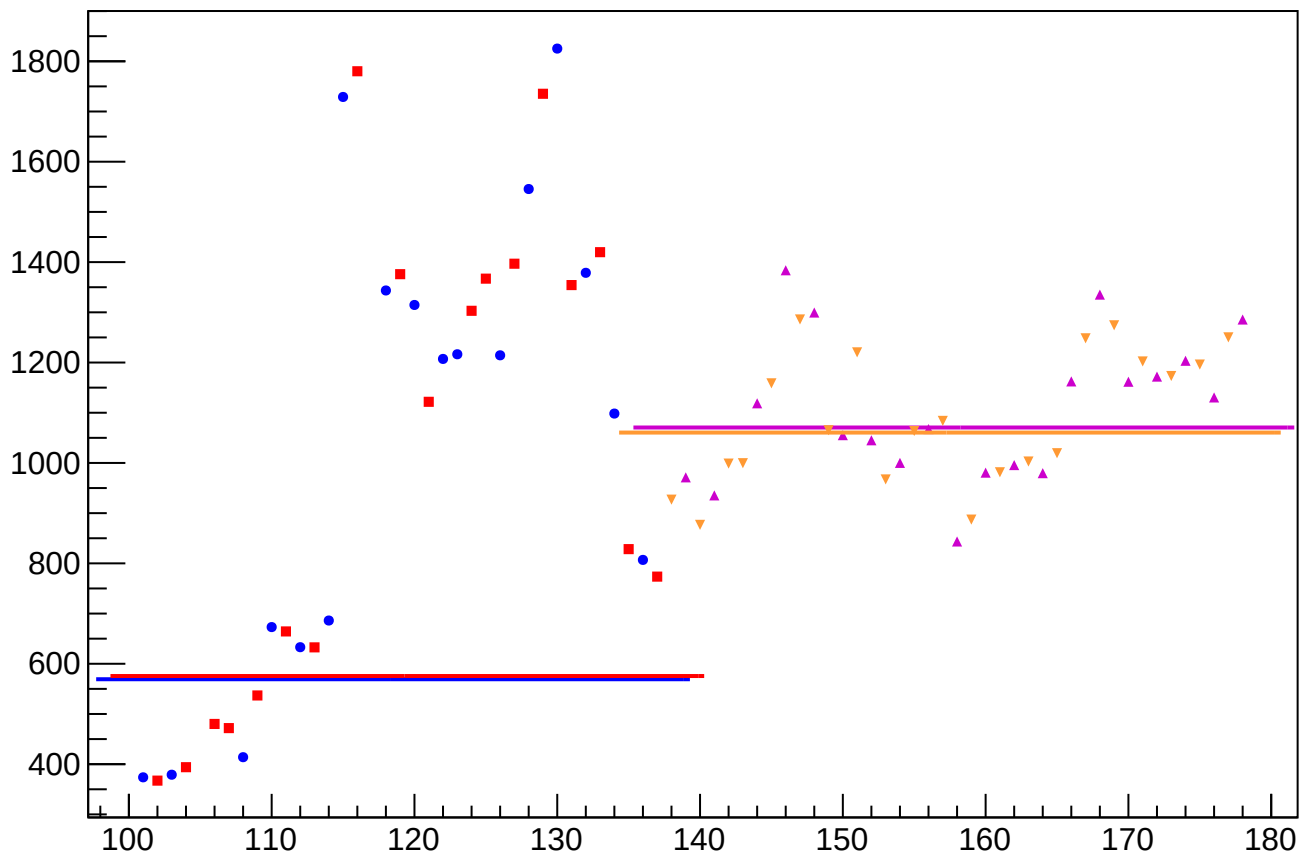
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 163.903 $\pm$ 185.387 χ^2 /NDF:48.5/36

Out: 286.113 $\pm$ 181.040 χ^2 /NDF:54.2/38

All: 226.458 $\pm$ 129.524 χ^2 /NDF: 102.8/75

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1060.505 $\pm$ 0.189 χ^2 /NDF: 462696.3/20

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1070.581 $\pm$ 0.193 χ^2 /NDF: 510165.7/19

Left: 1065.451 $\pm$ 0.135 χ^2 /NDF: 974252.7/40

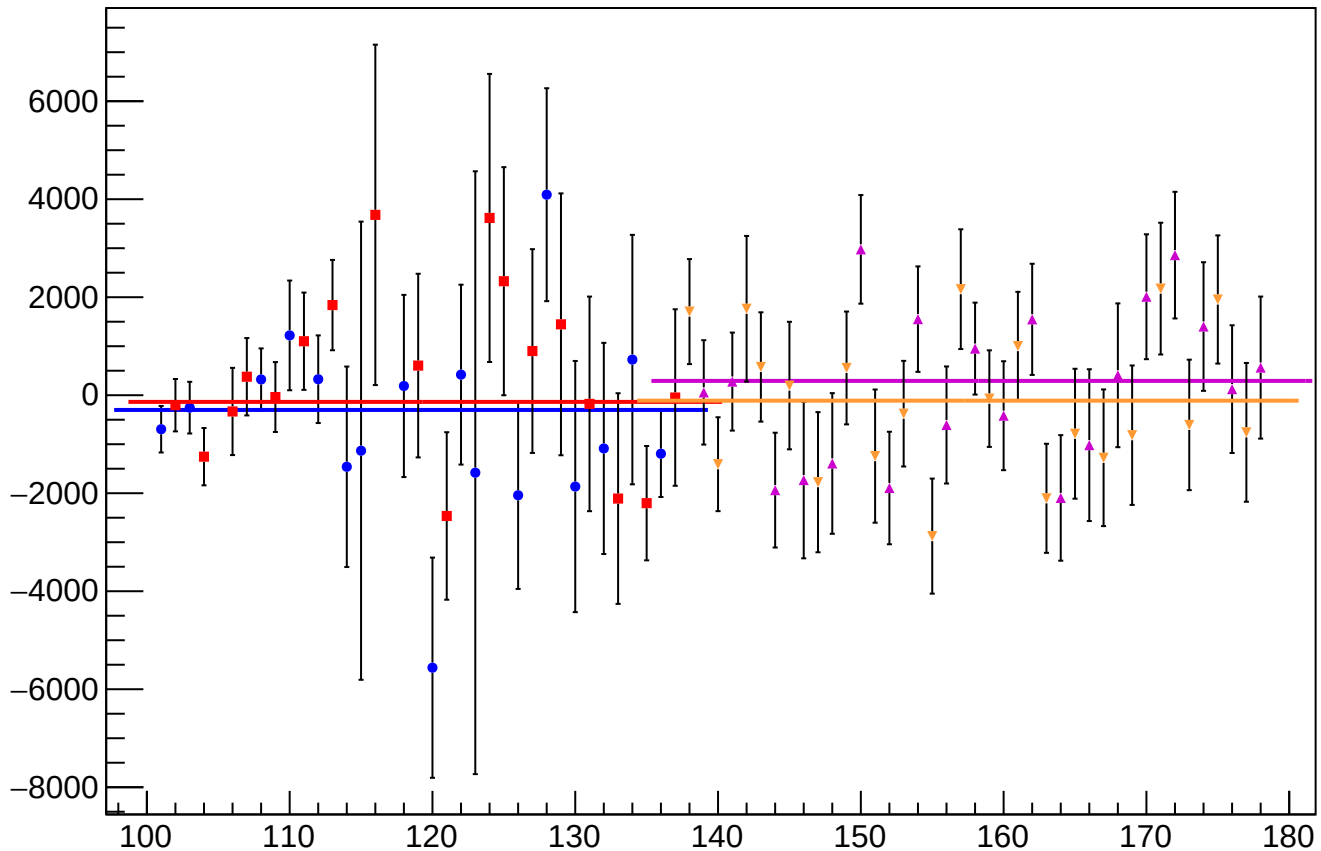
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 800.989 $\pm$ 0.131 χ^2 /NDF: 7413603.6/36

Out: 797.331 $\pm$ 0.128 χ^2 /NDF: 7082046.0/38

All: 799.116 $\pm$ 0.092 χ^2 /NDF: 14496048.1/75

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 $\pm$ 250.302 χ^2/NDF : 16.7/16

Left Out: -111.038 $\pm$ 264.647 χ^2/NDF : 29.3/20

Right Out: -136.107 $\pm$ 247.692 χ^2/NDF : 20.9/17

Left In: 292.211 $\pm$ 270.190 χ^2/NDF : 30.9/19

Left: 86.408 $\pm$ 189.063 χ^2/NDF : 61.4/40

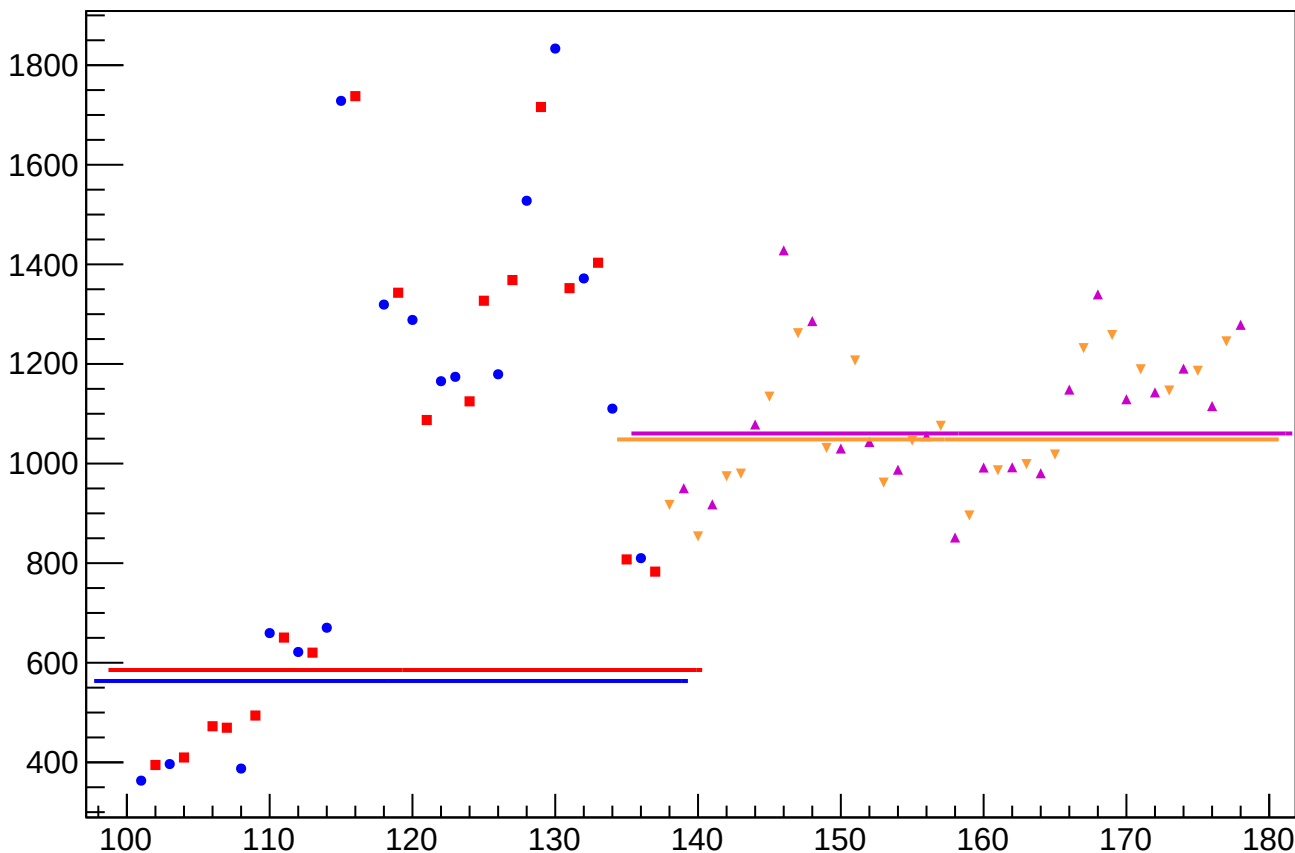
Right: -217.517 $\pm$ 176.060 χ^2/NDF : 37.8/34

In: -26.841 $\pm$ 183.619 χ^2/NDF : 50.2/36

Out: -124.401 $\pm$ 180.842 χ^2/NDF : 50.2/38

All: -76.364 $\pm$ 128.845 χ^2/NDF : 100.6/75

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1048.432 $\pm$ 0.187 χ^2 /NDF: 451113.0/20

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1060.408 $\pm$ 0.191 χ^2 /NDF: 512023.0/19

Left: 1054.296 $\pm$ 0.134 χ^2 /NDF: 965141.0/40

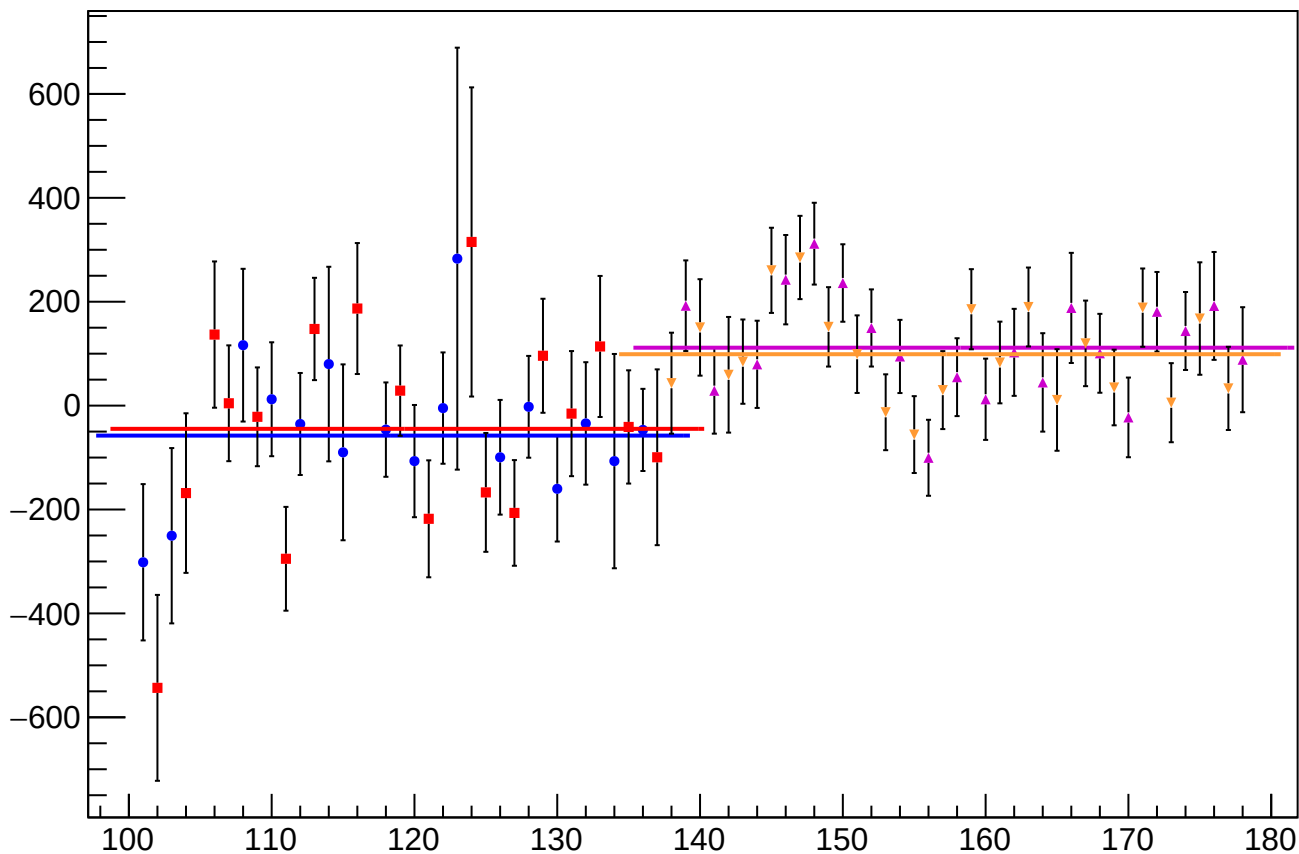
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 792.937 $\pm$ 0.130 χ^2 /NDF: 7413030.4/36

Out: 801.630 $\pm$ 0.128 χ^2 /NDF: 6532278.2/38

All: 797.350 $\pm$ 0.091 χ^2 /NDF: 13947583.8/75

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 98.960 ± 17.702 χ^2/NDF : 26.5/20

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 111.486 ± 18.160 χ^2/NDF : 30.2/19

Left: 105.063 ± 12.676 χ^2/NDF : 57.0/40

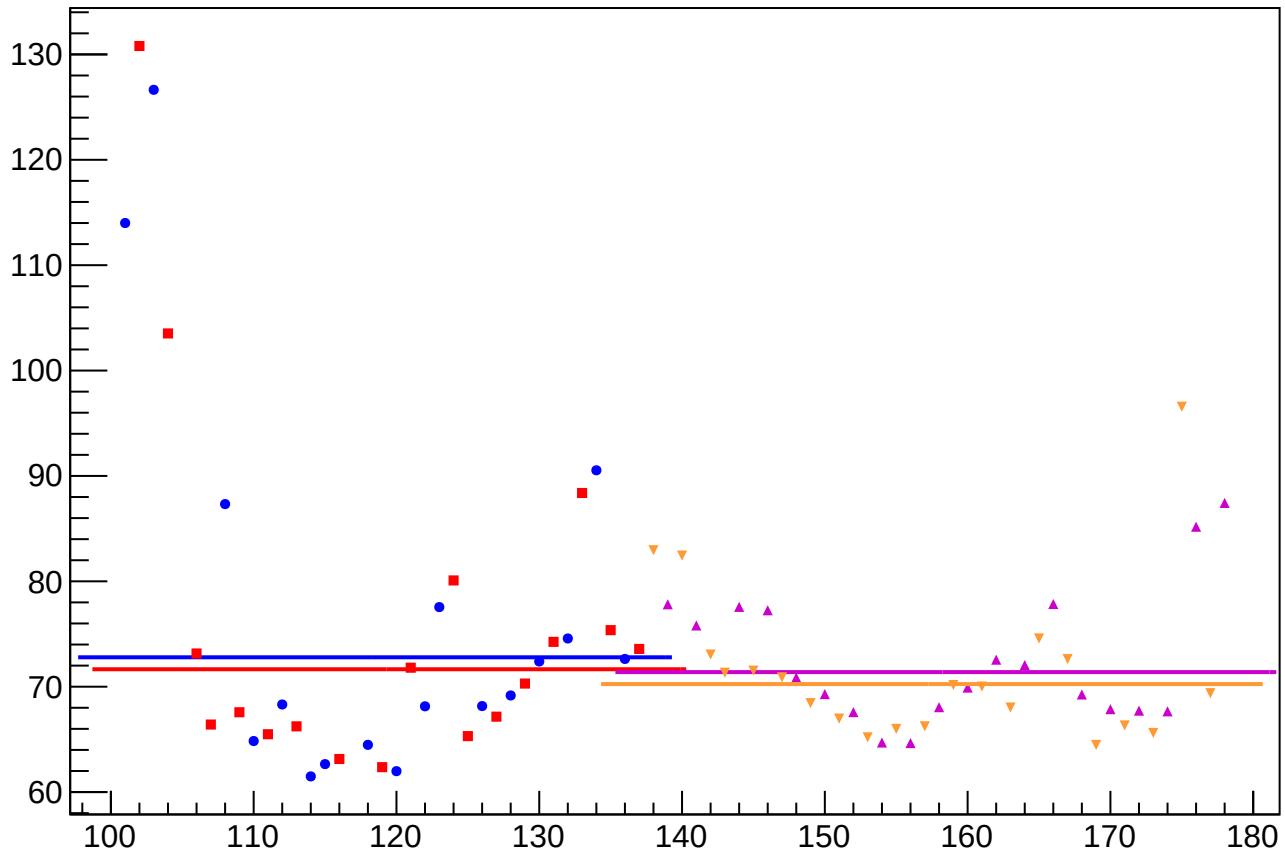
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 63.094 ± 15.345 χ^2/NDF : 64.2/36

Out: 57.327 ± 14.918 χ^2/NDF : 80.7/38

All: 60.129 ± 10.697 χ^2/NDF : 145.0/75

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.249 $\pm$ 0.013 χ^2/NDF : 249038.0/20

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 71.385 $\pm$ 0.013 χ^2/NDF : 192194.8/19

Left: 70.802 $\pm$ 0.009 χ^2/NDF : 445247.4/40

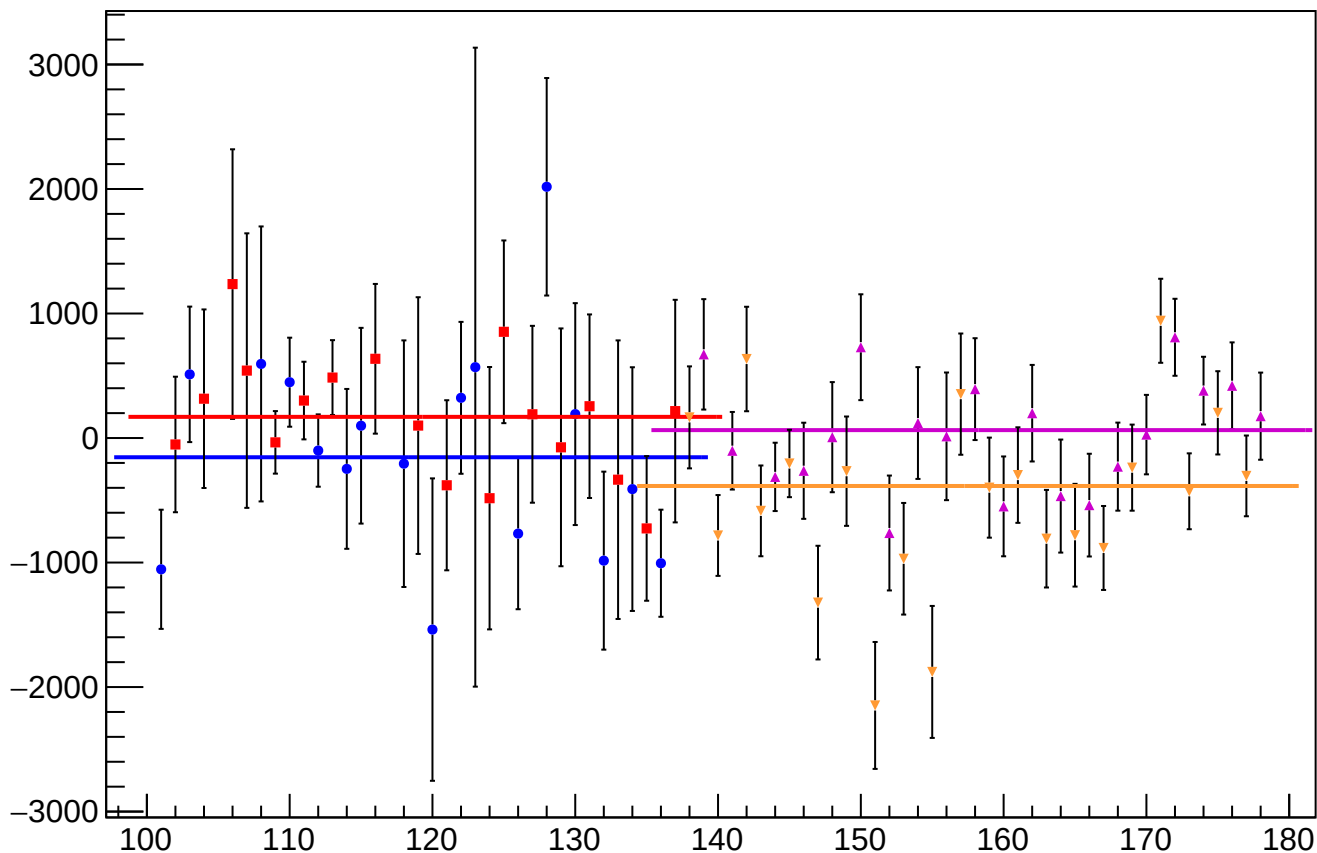
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 71.787 $\pm$ 0.011 χ^2/NDF : 660390.4/36

Out: 70.656 $\pm$ 0.011 χ^2/NDF : 657073.5/38

All: 71.206 $\pm$ 0.008 χ^2/NDF : 1323043.7/75

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -385.142 $\pm$ 81.797 χ^2/NDF : 61.3/20

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: 63.511 $\pm$ 82.400 χ^2/NDF : 26.1/19

Left: -162.464 $\pm$ 58.051 χ^2/NDF : 102.3/40

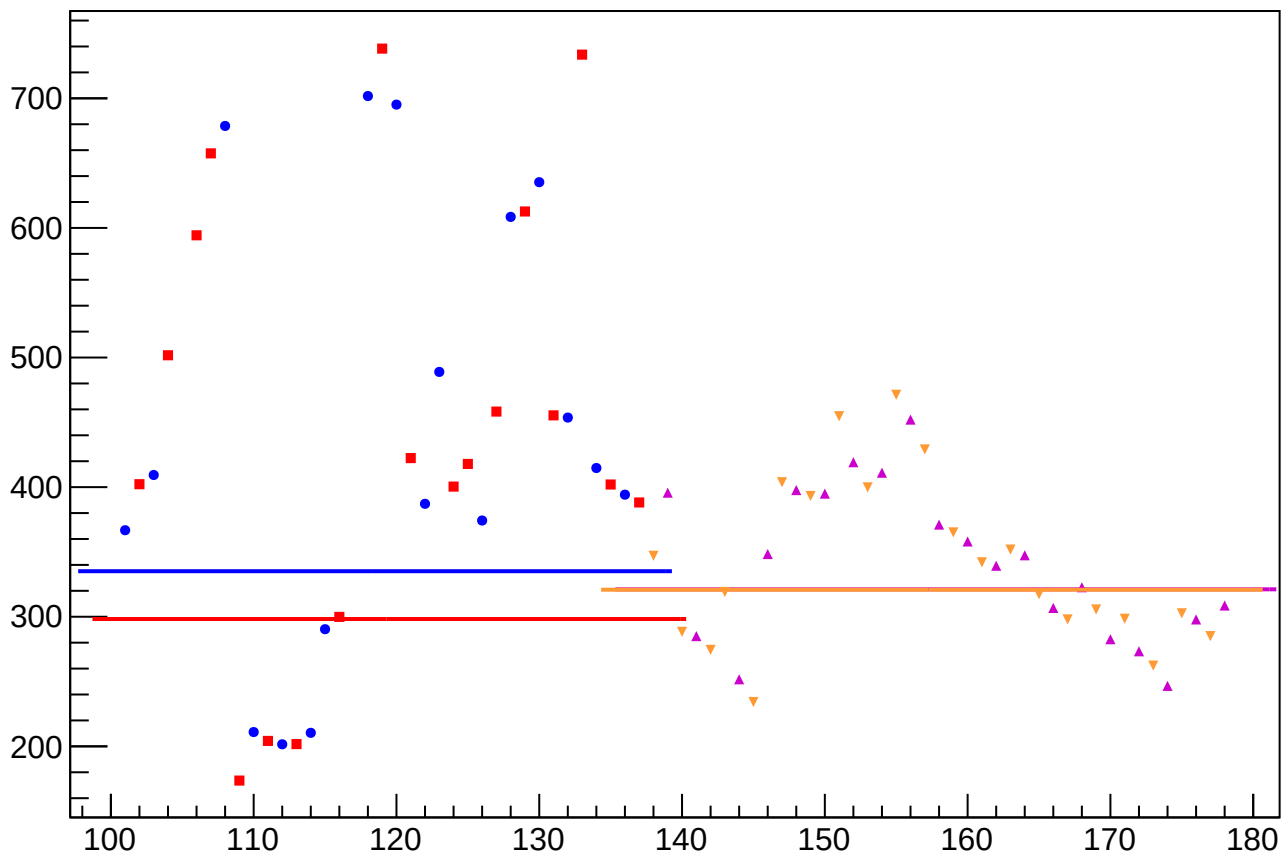
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: 7.859 $\pm$ 71.104 χ^2/NDF : 51.0/36

Out: -220.947 $\pm$ 68.643 χ^2/NDF : 83.3/38

All: -110.571 $\pm$ 49.385 χ^2/NDF : 139.7/75

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 320.858 $\pm$ 0.058 χ^2/NDF :1007172.7/20

Right Out: 298.253 $\pm$ 0.089 χ^2/NDF : 2776555.9/17

Left In: 321.165 $\pm$ 0.058 χ^2/NDF :941658.4/19

Left: 321.010 $\pm$ 0.041 χ^2/NDF : 1948845.1/40

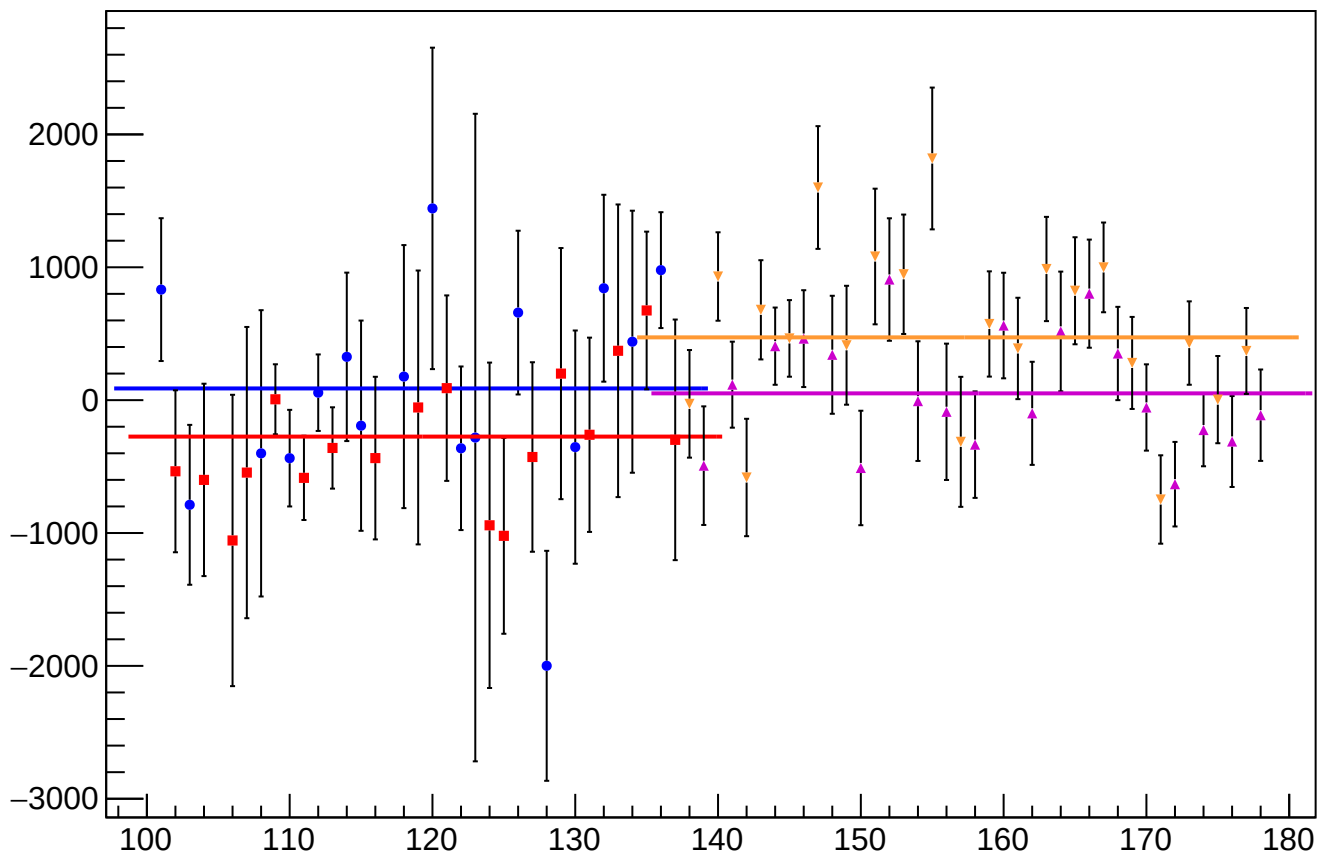
Right: 314.699 $\pm$ 0.066 χ^2/NDF : 4846742.5/34

In: 324.733 $\pm$ 0.050 χ^2/NDF :2950382.5/36

Out: 314.172 $\pm$ 0.049 χ^2/NDF :3828900.5/38

All: 319.267 $\pm$ 0.035 χ^2/NDF : 6802119.0/75

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 472.498+/-82.580 χ^2/NDF : 47.8/20

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 51.068+/-82.787 χ^2/NDF : 25.0/19

Left: 262.311+/-58.466 χ^2/NDF : 85.8/40

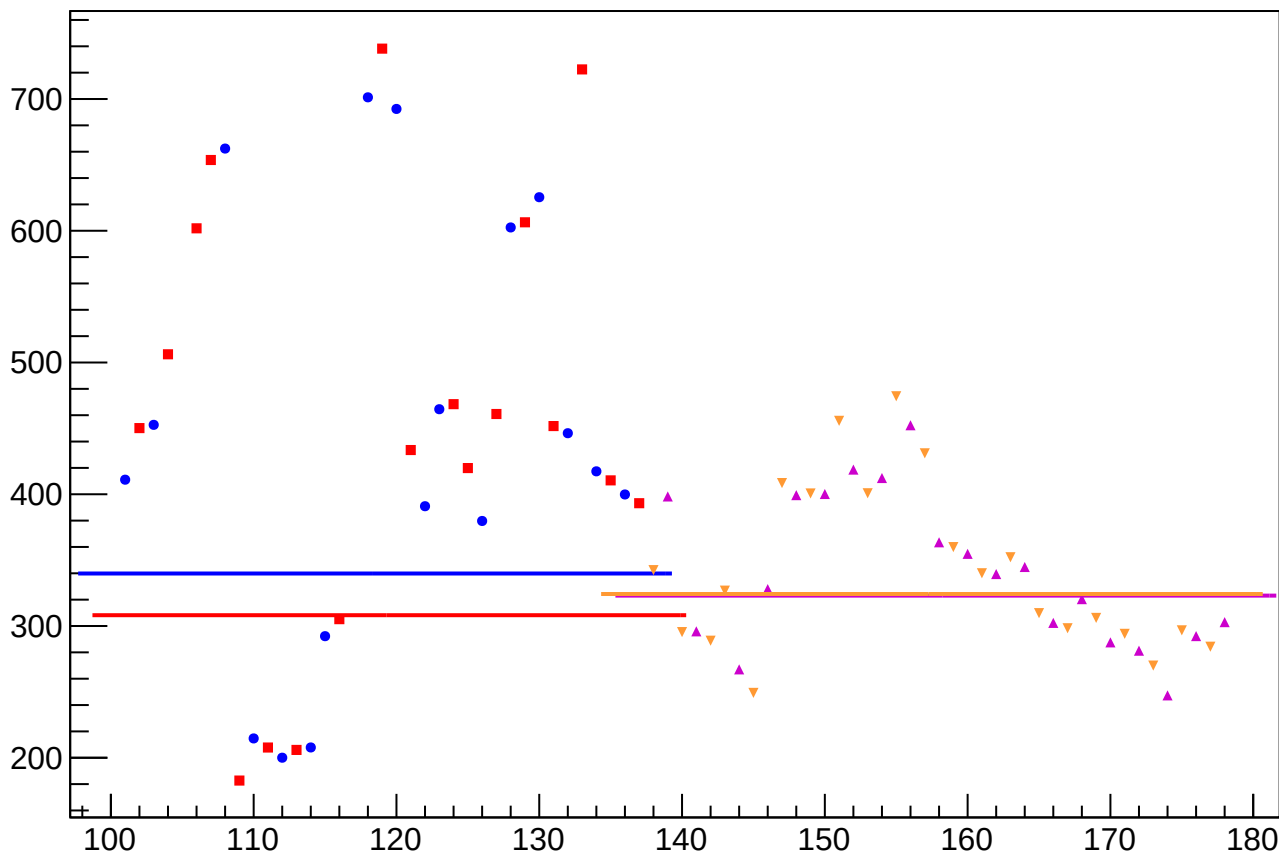
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 60.366+/-71.649 χ^2/NDF : 45.8/36

Out: 257.463+/-69.685 χ^2/NDF : 79.4/38

All: 161.653+/-49.955 χ^2/NDF : 129.2/75

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 324.291 $\pm$ 0.058 χ^2/NDF : 906994.7/20

Right Out: 308.199 $\pm$ 0.092 χ^2/NDF : 2698828.8/17

Left In: 323.066 $\pm$ 0.059 χ^2/NDF : 842449.1/19

Left: 323.680 $\pm$ 0.041 χ^2/NDF : 1749663.3/40

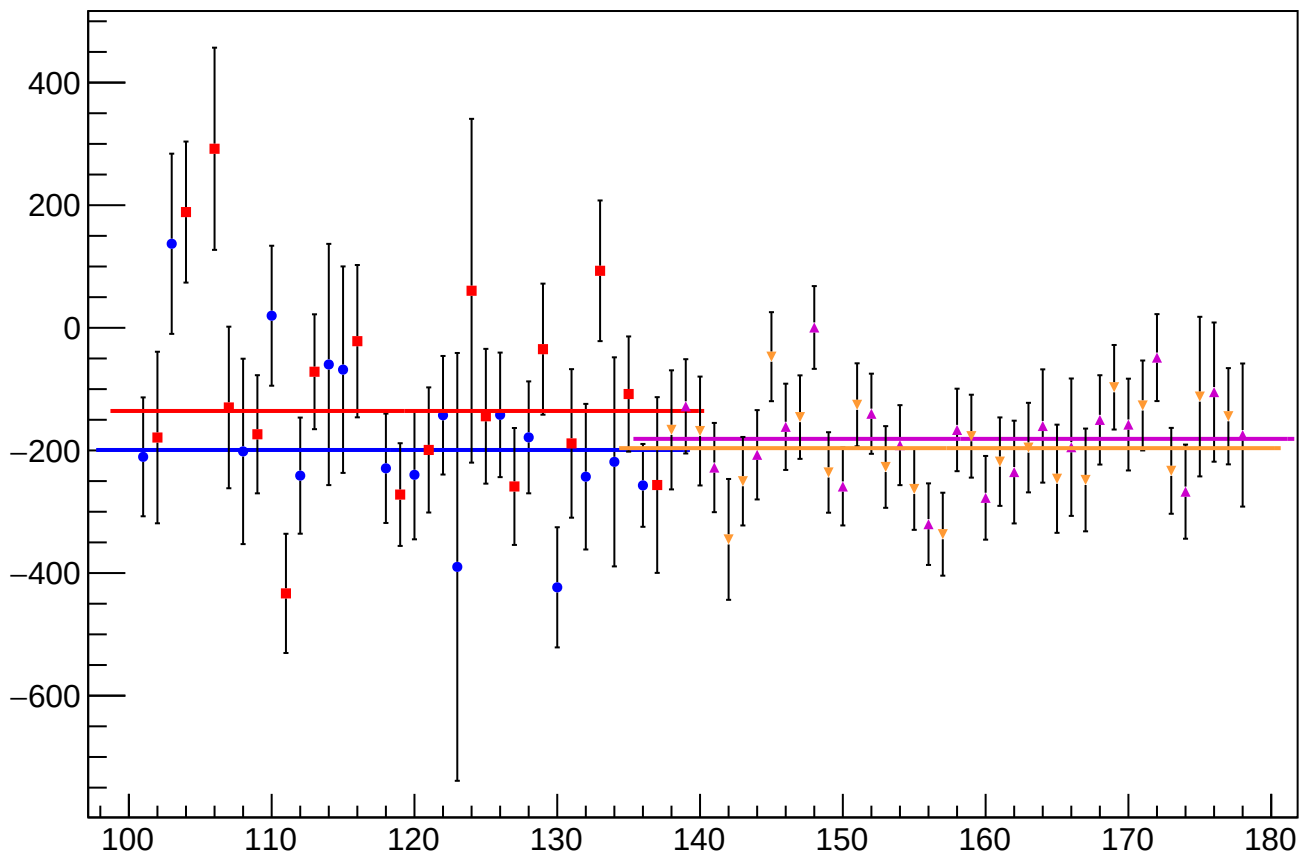
Right: 322.502 $\pm$ 0.068 χ^2/NDF : 4796037.7/34

In: 327.278 $\pm$ 0.051 χ^2/NDF : 2906602.1/36

Out: 319.658 $\pm$ 0.049 χ^2/NDF : 3627690.4/38

All: 323.362 $\pm$ 0.035 χ^2/NDF : 6545920.0/75

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -196.266 $\pm$ 16.345 χ^2/NDF :19.8/20

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -181.127 $\pm$ 16.734 χ^2/NDF :22.6/19

Left: -188.874 $\pm$ 11.693 χ^2/NDF : 42.8/40

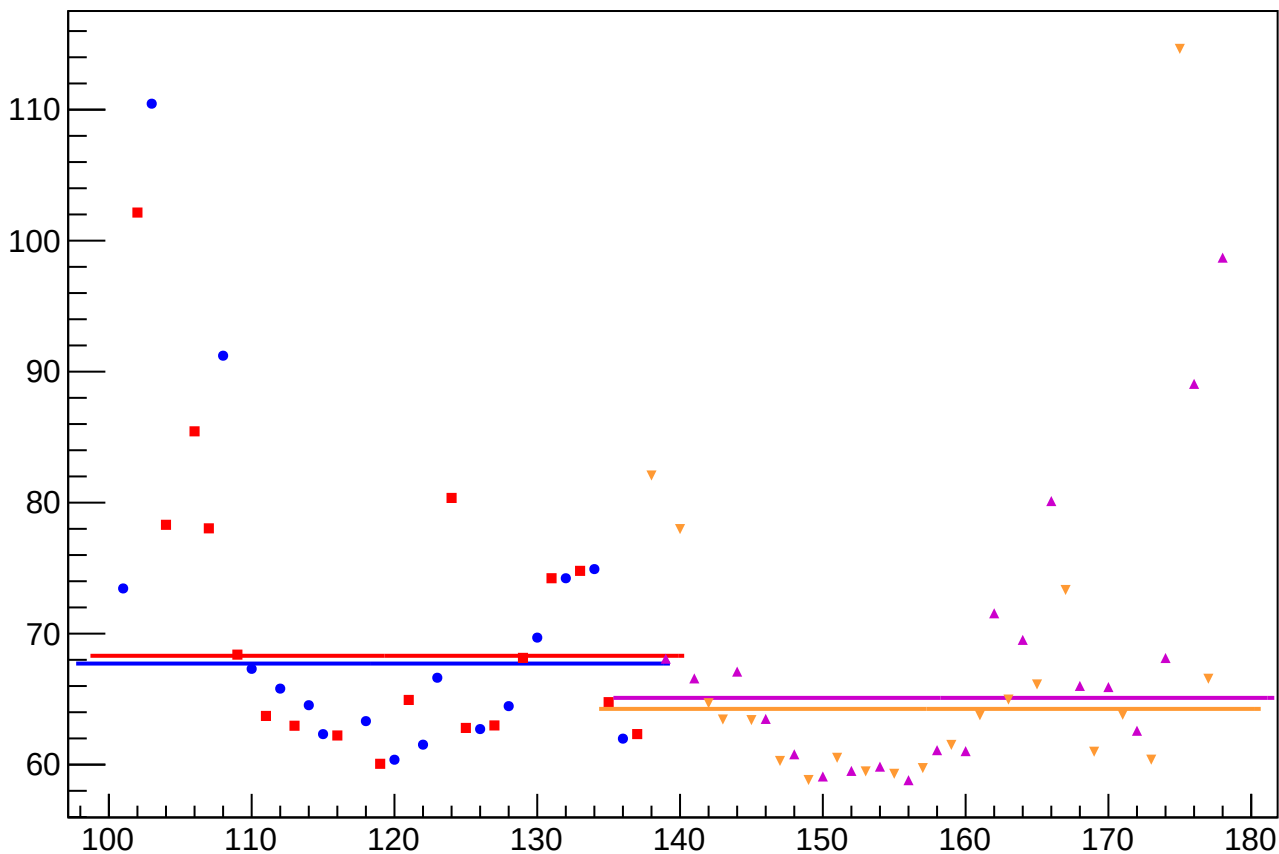
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -186.289 $\pm$ 14.151 χ^2/NDF :40.6/36

Out: -179.325 $\pm$ 13.876 χ^2/NDF :60.3/38

All: -182.739 $\pm$ 9.908 χ^2/NDF : 101.0/75

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 64.255 $\pm$ 0.012 χ^2/NDF : 512553.0/20

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 65.096 $\pm$ 0.012 χ^2/NDF : 405498.4/19

Left: 64.666 $\pm$ 0.008 χ^2/NDF : 920632.5/40

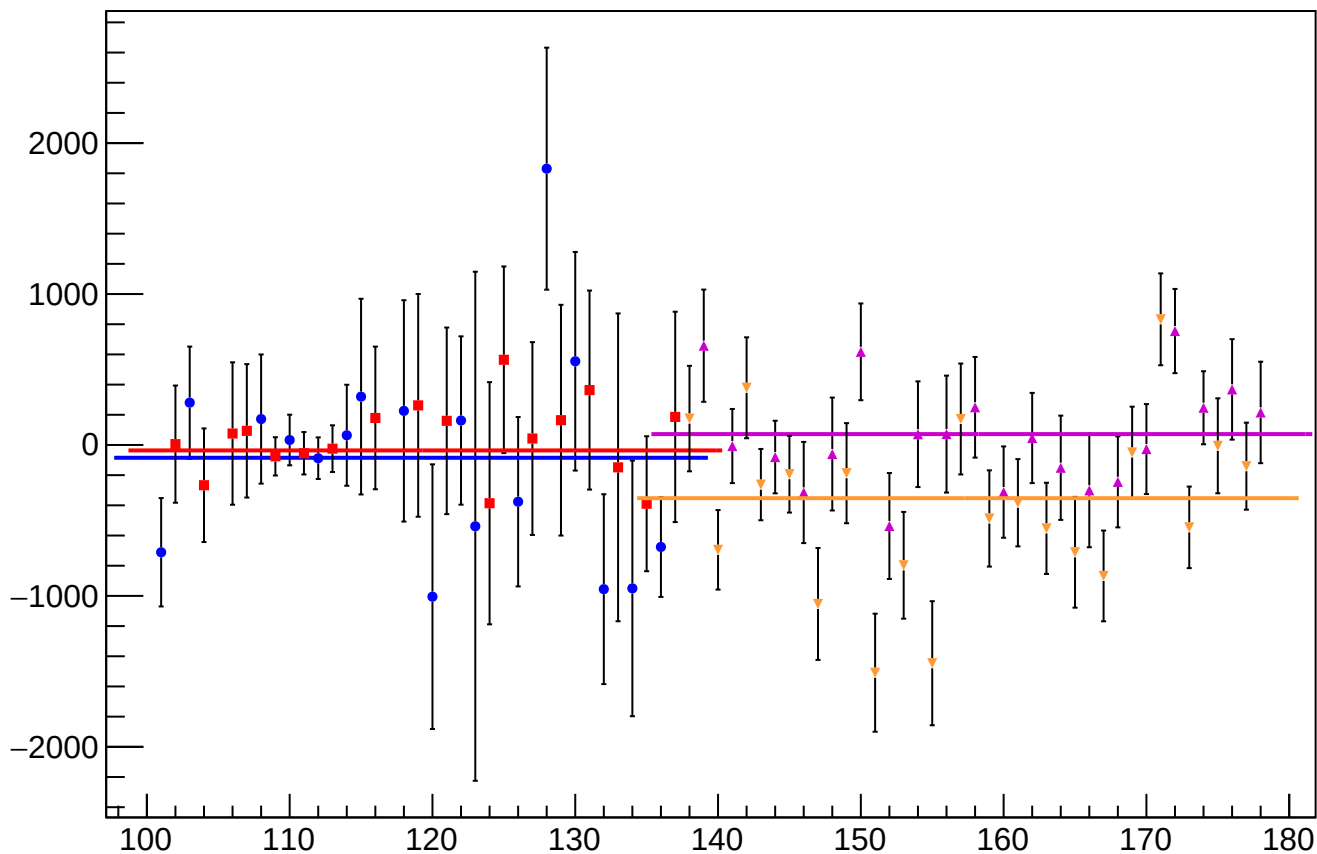
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 65.842 $\pm$ 0.010 χ^2/NDF : 702354.3/36

Out: 65.388 $\pm$ 0.010 χ^2/NDF : 781223.6/38

All: 65.610 $\pm$ 0.007 χ^2/NDF : 1484628.5/75

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -352.651 ± 67.748 χ^2/NDF : 55.5/20

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 71.966 ± 69.601 χ^2/NDF : 22.3/19

Left: -146.070 ± 48.547 χ^2/NDF : 97.0/40

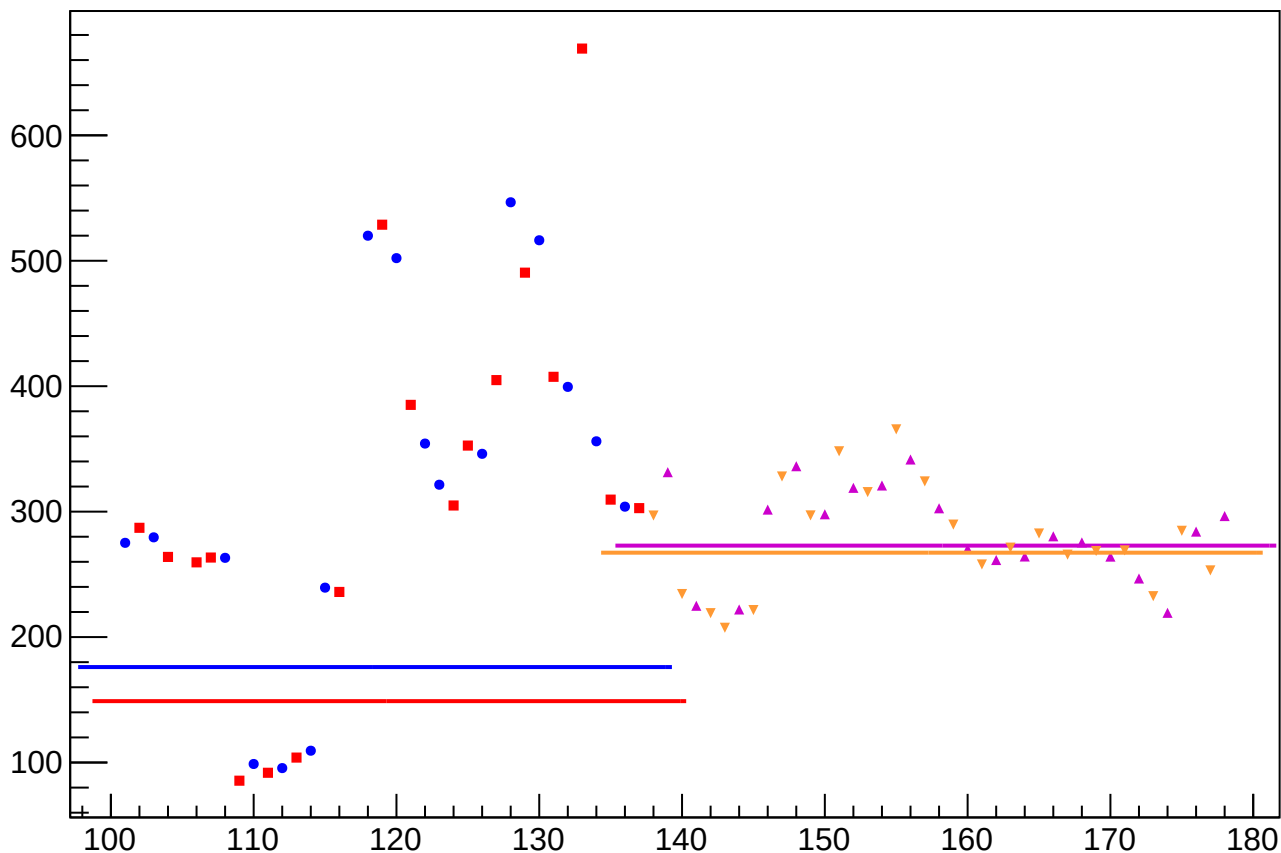
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: 6.954 ± 53.243 χ^2/NDF : 44.3/36

Out: -198.999 ± 48.597 χ^2/NDF : 69.5/38

All: -105.398 ± 35.894 χ^2/NDF : 122.1/75

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 267.282+/-0.048 χ^2/NDF : 694904.1/20

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 272.909+/-0.049 χ^2/NDF : 585106.6/19

Left: 270.020+/-0.034 χ^2/NDF : 1286723.3/40

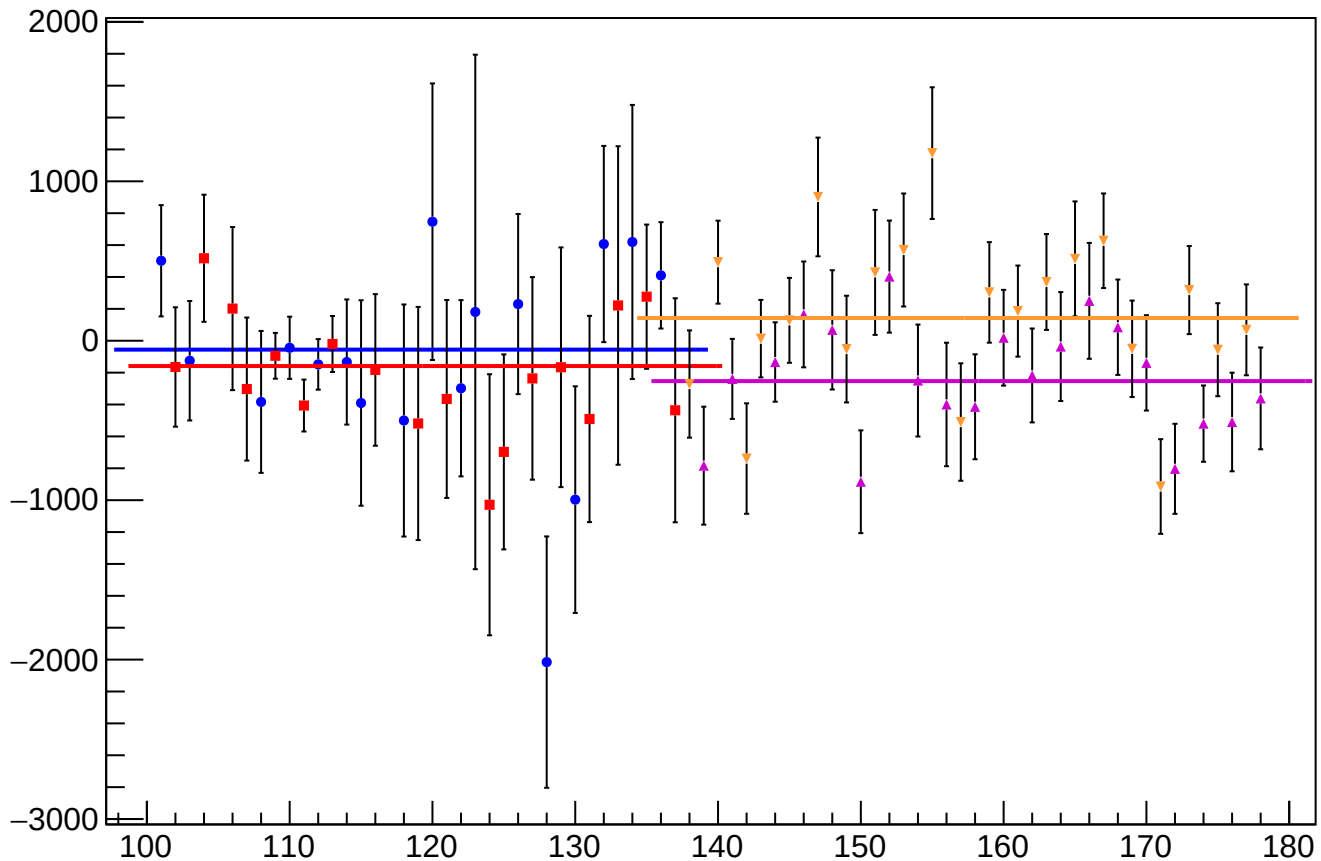
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 232.750+/-0.038 χ^2/NDF : 6413929.4/36

Out: 209.830+/-0.034 χ^2/NDF : 8428710.0/38

All: 220.247+/-0.025 χ^2/NDF : 15044823.3/75

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 142.533 ± 67.626 $\chi^2/\text{NDF}: 44.6/20$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -253.113 ± 69.233 $\chi^2/\text{NDF}: 22.7/19$

Left: -50.645 ± 48.377 $\chi^2/\text{NDF}: 84.0/40$

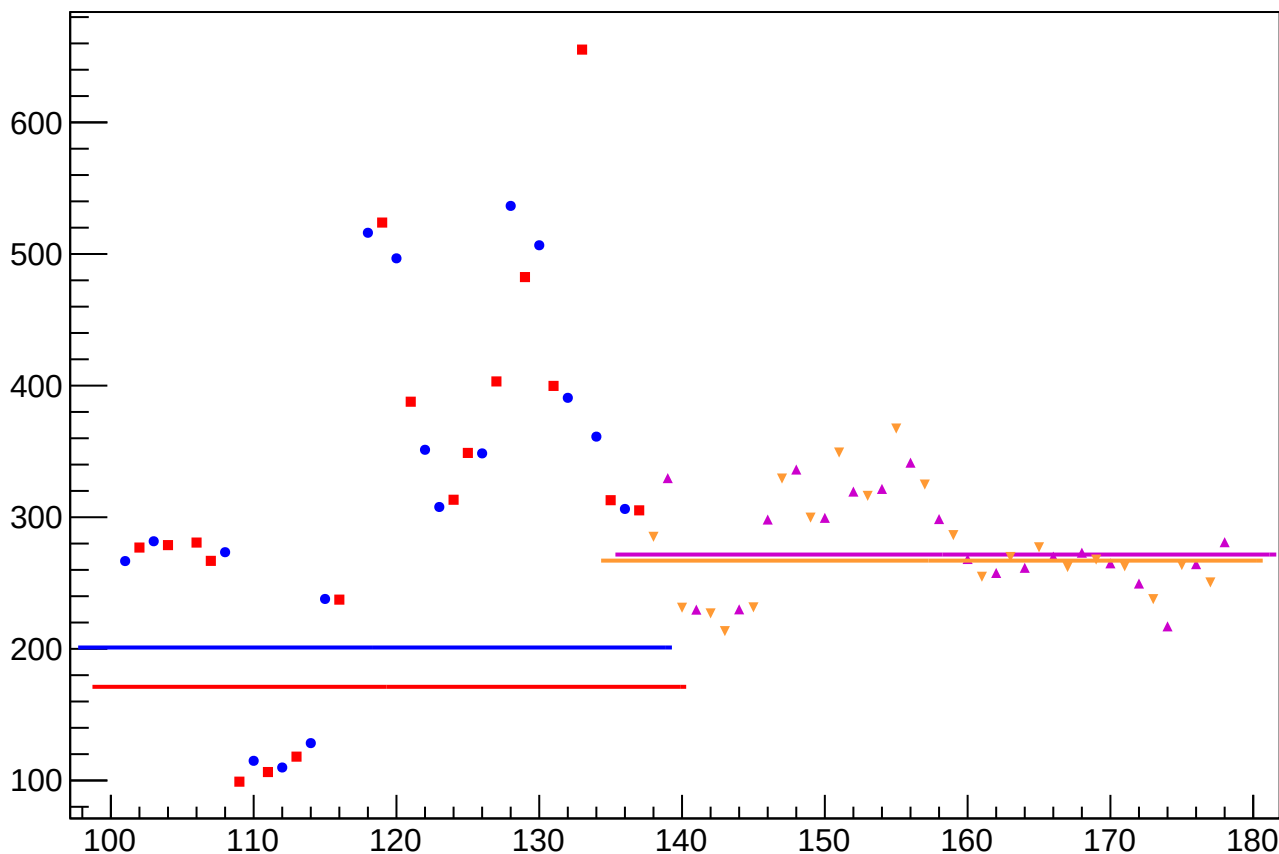
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -180.314 ± 55.004 $\chi^2/\text{NDF}: 42.9/36$

Out: 11.508 ± 50.832 $\chi^2/\text{NDF}: 63.6/38$

All: -76.854 ± 37.332 $\chi^2/\text{NDF}: 113.0/75$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 267.041+/-0.048 χ^2/NDF : 615333.1/20

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 271.654+/-0.049 χ^2/NDF : 530566.7/19

Left: 269.294+/-0.034 χ^2/NDF : 1150443.7/40

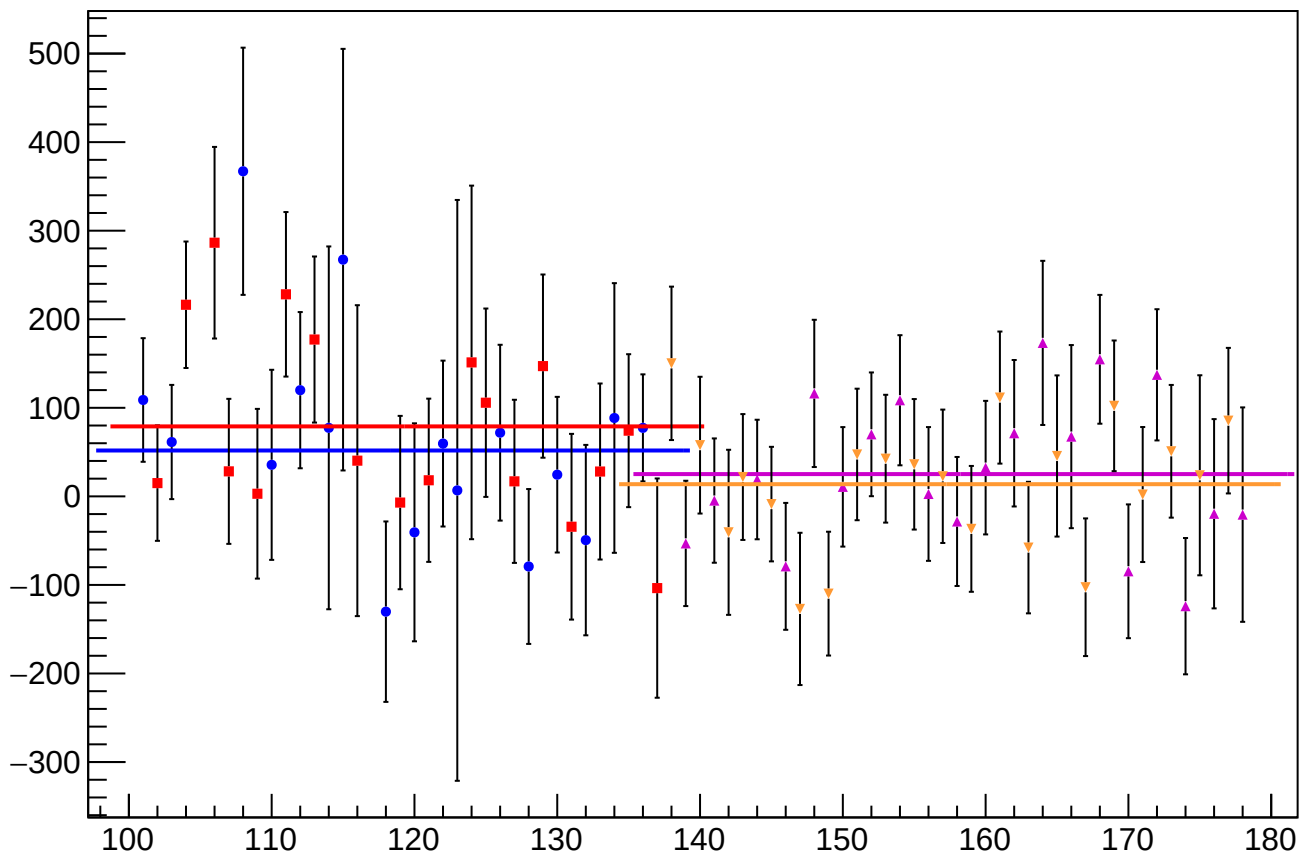
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 245.610+/-0.039 χ^2/NDF : 4731012.4/36

Out: 225.333+/-0.036 χ^2/NDF : 6429824.5/38

All: 234.673+/-0.026 χ^2/NDF : 11307431.9/75

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 13.756 $\pm$ 16.824 χ^2 /NDF:17.6/20

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 25.155 $\pm$ 17.307 χ^2 /NDF:21.8/19

Left: 19.294 $\pm$ 12.064 χ^2 /NDF: 39.6/40

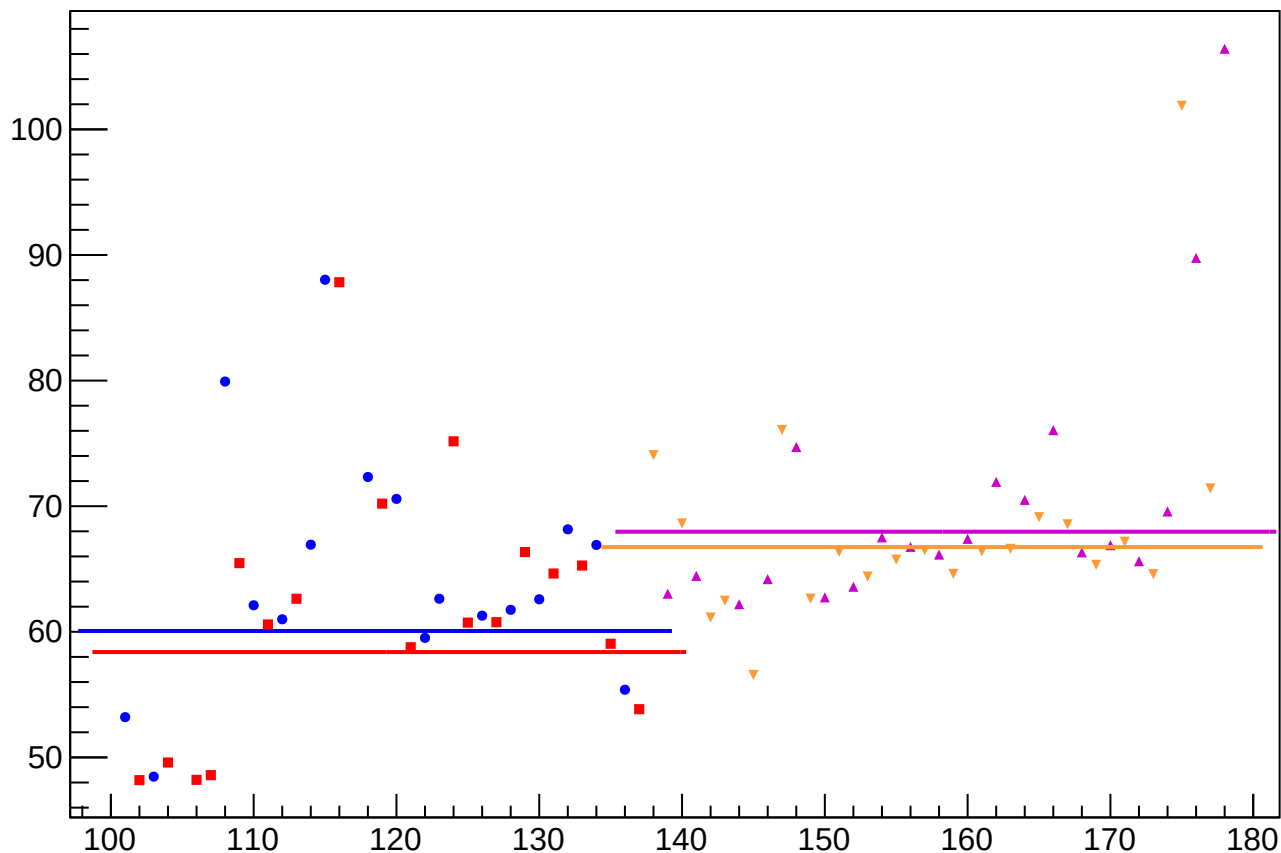
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 34.505 $\pm$ 13.943 χ^2 /NDF:37.2/36

Out: 37.157 $\pm$ 13.474 χ^2 /NDF:41.9/38

All: 35.876 $\pm$ 9.689 χ^2 /NDF: 79.1/75

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 66.744 $\pm$ 0.012 χ^2 /NDF: 319253.7/20

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 67.969 $\pm$ 0.012 χ^2 /NDF: 377563.1/19

Left: 67.339 $\pm$ 0.009 χ^2 /NDF: 701969.4/40

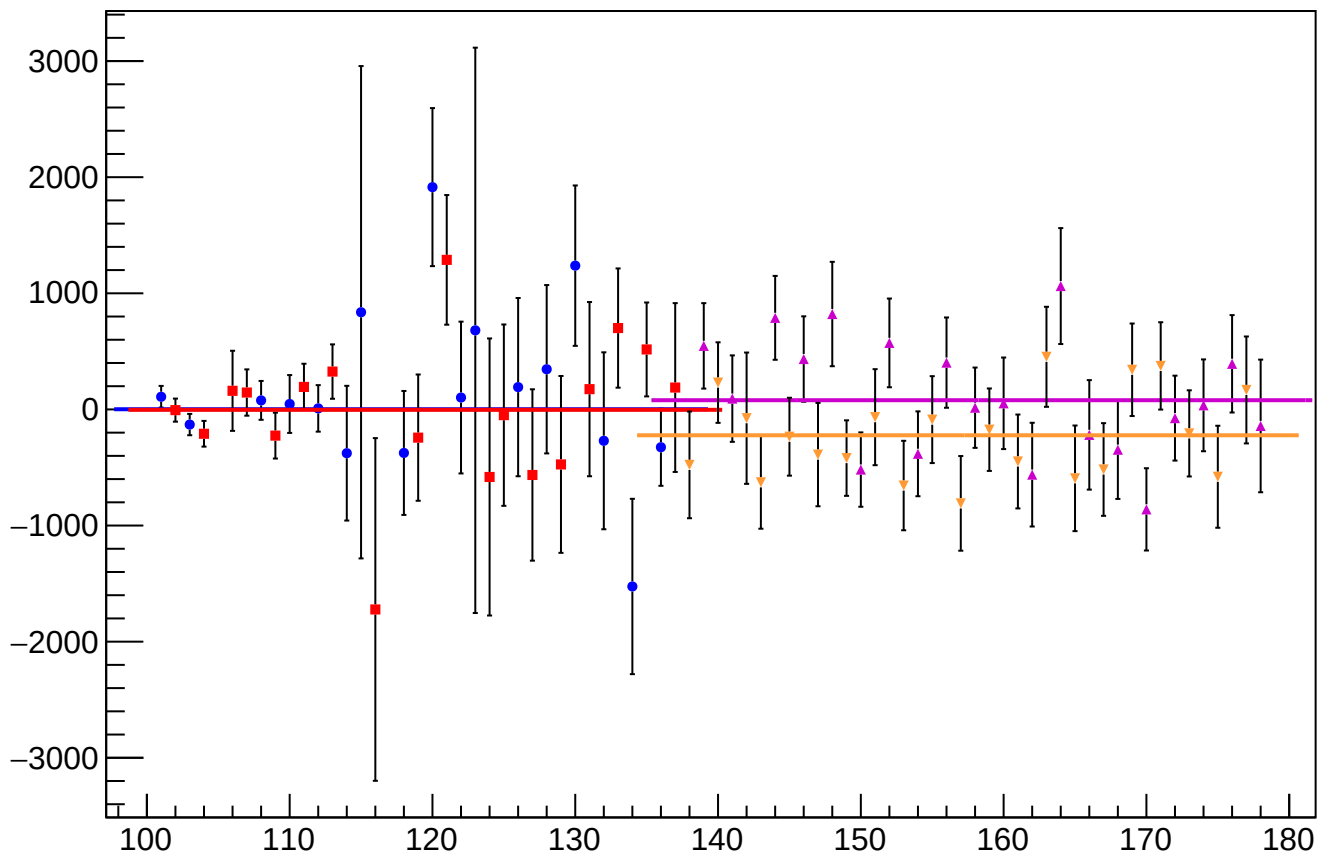
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 65.196 $\pm$ 0.010 χ^2 /NDF: 753033.3/36

Out: 63.747 $\pm$ 0.010 χ^2 /NDF: 771246.0/38

All: 64.446 $\pm$ 0.007 χ^2 /NDF: 1535442.6/75

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -222.669 ± 86.820 $\chi^2/\text{NDF}: 17.1/20$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 79.407 ± 87.772 $\chi^2/\text{NDF}: 31.9/19$

Left: -73.278 ± 61.725 $\chi^2/\text{NDF}: 55.0/40$

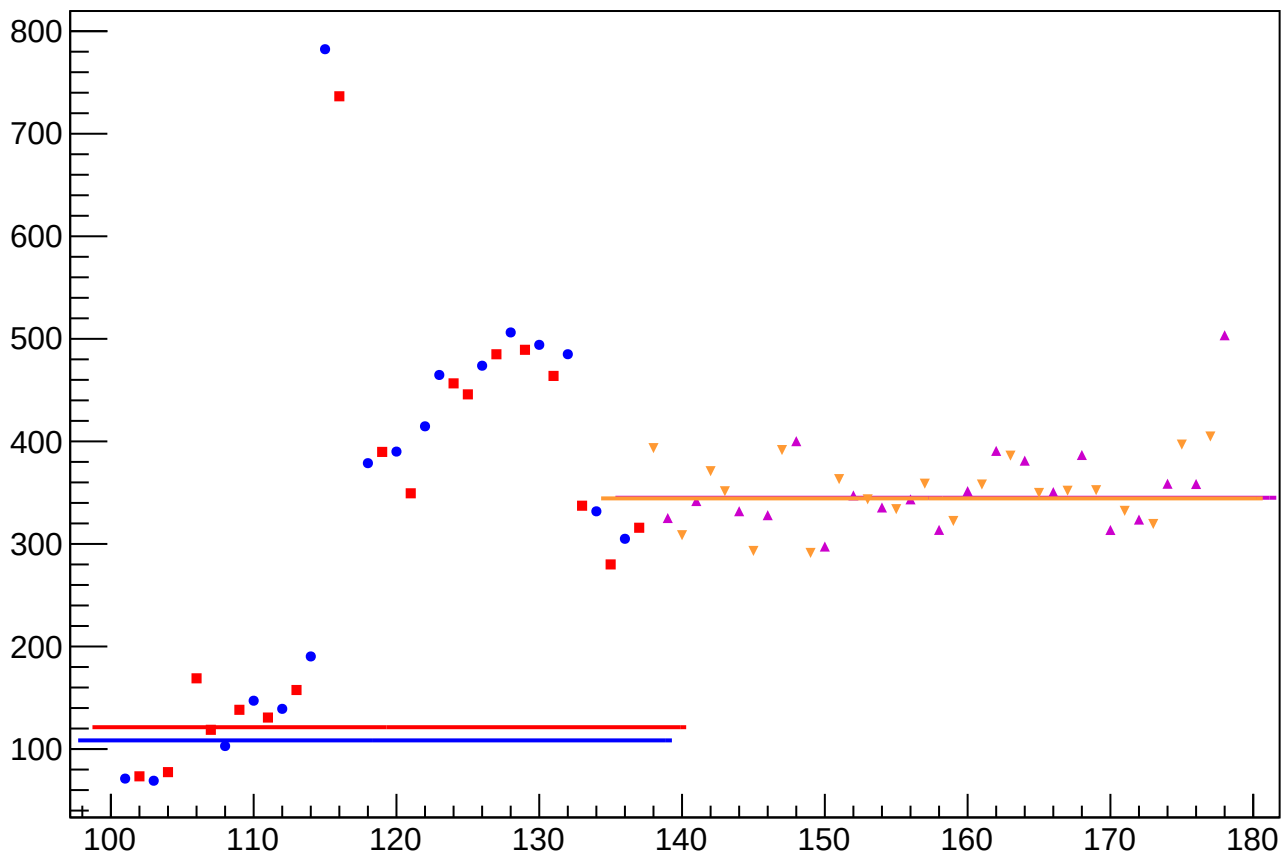
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 23.113 ± 46.168 $\chi^2/\text{NDF}: 53.9/36$

Out: -68.705 ± 47.421 $\chi^2/\text{NDF}: 41.9/38$

All: -21.567 ± 33.080 $\chi^2/\text{NDF}: 97.6/75$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 344.415+/-0.061 χ^2/NDF : 284447.5/20

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 345.048+/-0.062 χ^2/NDF : 337519.2/19

Left: 344.728+/-0.044 χ^2/NDF : 622019.2/40

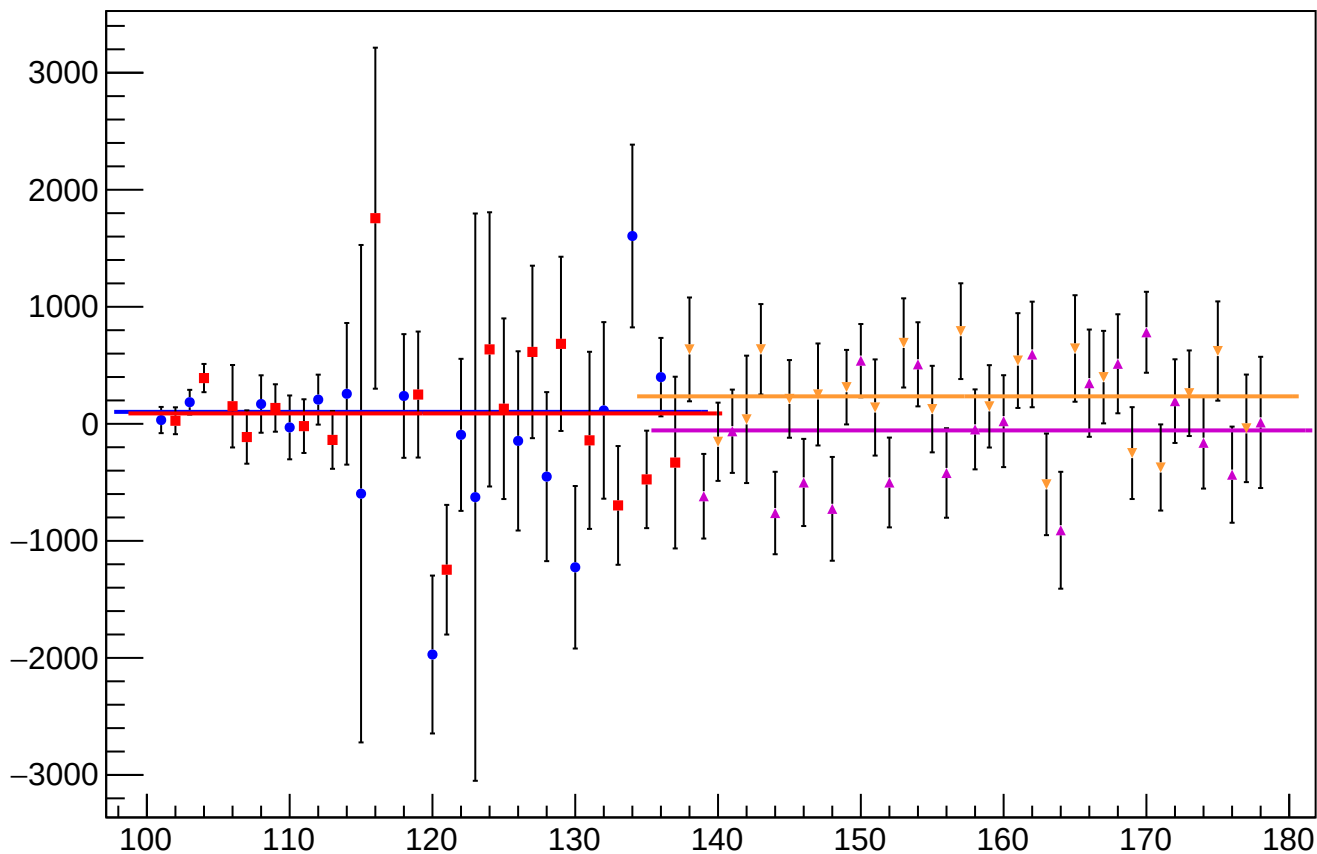
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 173.907+/-0.033 χ^2/NDF : 16253850.7/36

Out: 187.865+/-0.034 χ^2/NDF : 14283685.0/38

All: 180.699+/-0.023 χ^2/NDF : 30626495.8/75

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 234.837 $\pm$ 85.508 χ^2 /NDF:16.9/20

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -56.224 $\pm$ 86.504 χ^2 /NDF:33.4/19

Left: 90.992 $\pm$ 60.813 χ^2 /NDF: 56.1/40

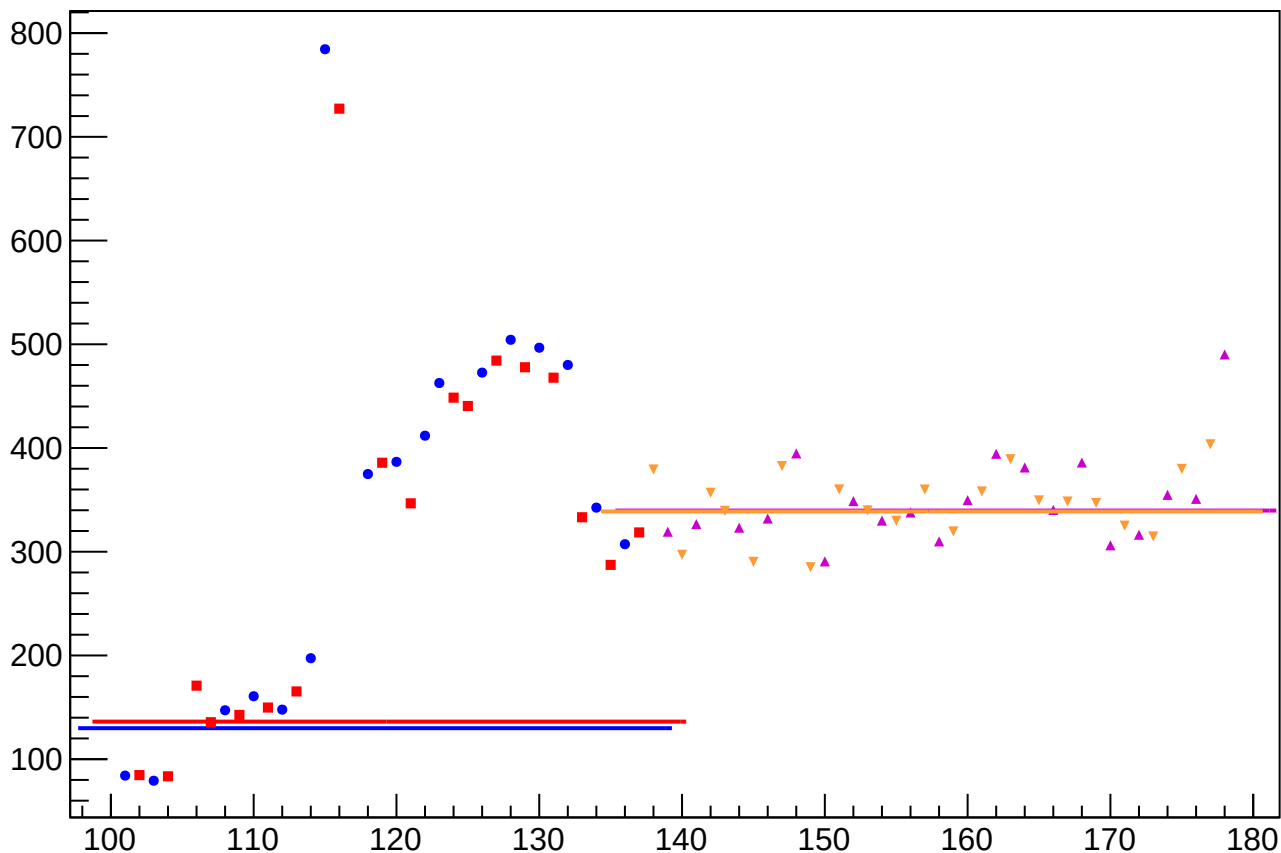
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 47.163 $\pm$ 50.993 χ^2 /NDF:55.9/36

Out: 139.393 $\pm$ 50.316 χ^2 /NDF:40.6/38

All: 93.894 $\pm$ 35.816 χ^2 /NDF: 98.1/75

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 338.810+/-0.060 χ^2/NDF : 292457.8/20

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 339.678+/-0.061 χ^2/NDF : 356385.1/19

Left: 339.239+/-0.043 χ^2/NDF : 648944.7/40

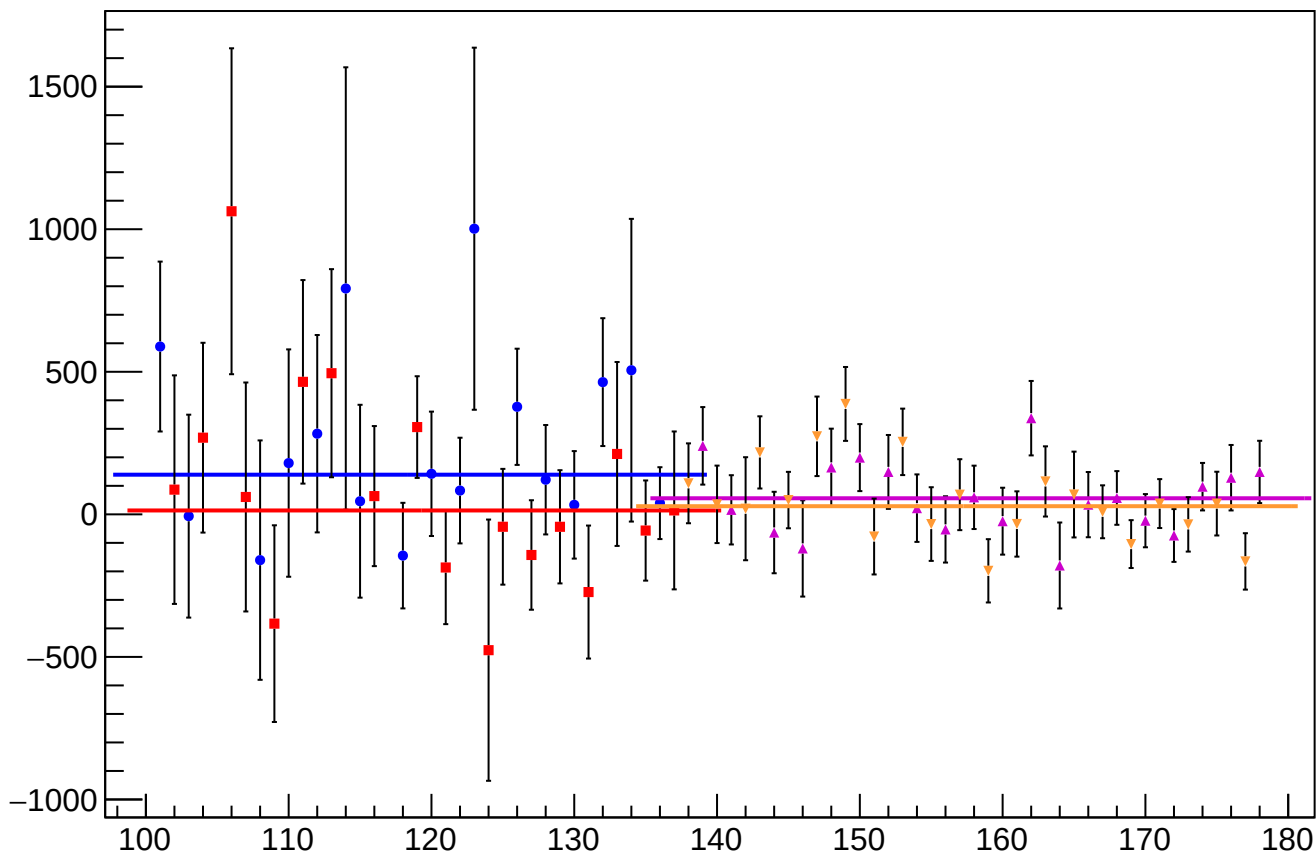
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 202.786+/-0.036 χ^2/NDF : 12861710.9/36

Out: 206.371+/-0.036 χ^2/NDF : 11914260.2/38

All: 204.602+/-0.025 χ^2/NDF : 24780981.6/75

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 28.580 $\pm$ 24.848 χ^2 /NDF:30.0/20

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 56.402 $\pm$ 25.665 χ^2 /NDF:18.9/19

Left: 42.041 $\pm$ 17.852 χ^2 /NDF: 49.5/40

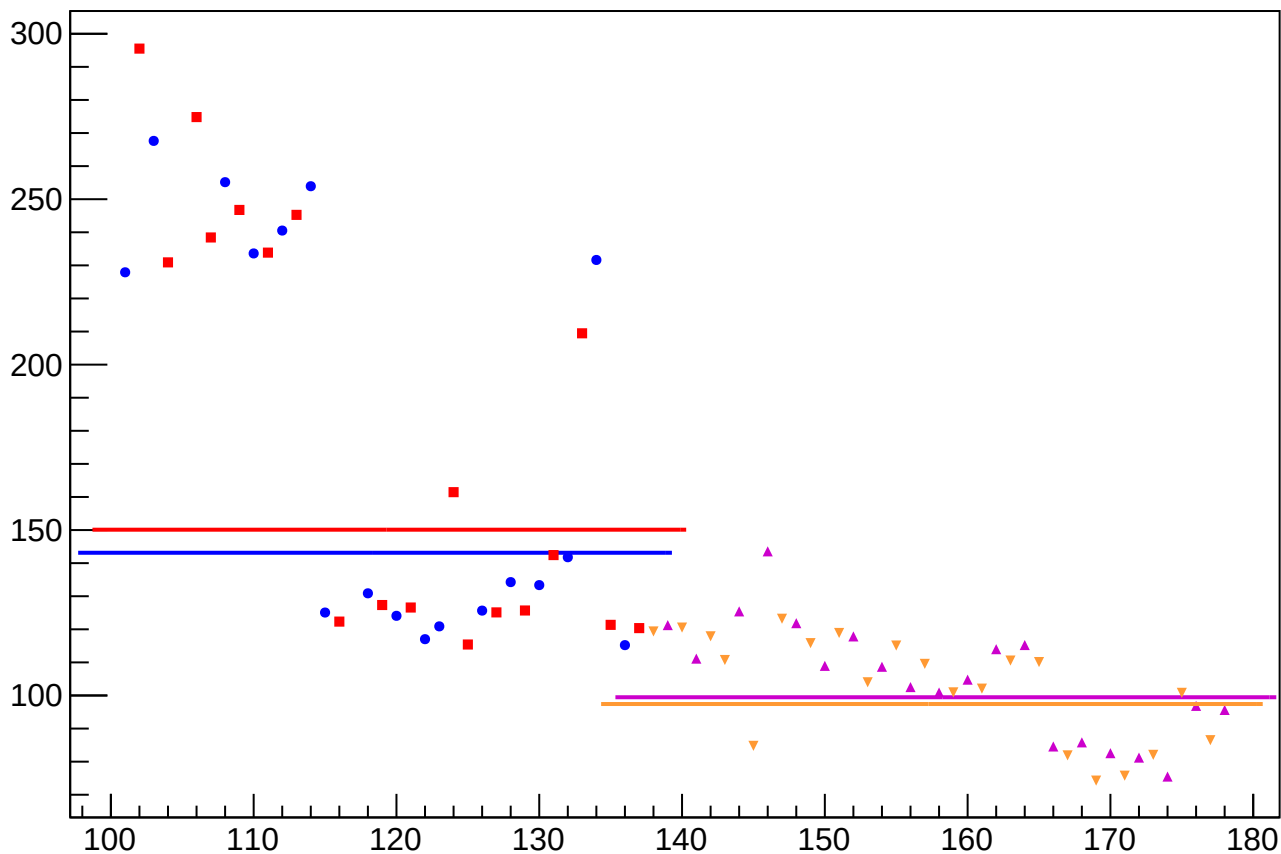
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 69.950 $\pm$ 23.469 χ^2 /NDF:33.7/36

Out: 26.401 $\pm$ 22.964 χ^2 /NDF:46.4/38

All: 47.702 $\pm$ 16.414 χ^2 /NDF: 81.9/75

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 97.421 $\pm$ 0.018 χ^2 /NDF:866935.9/20

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.468 $\pm$ 0.018 χ^2 /NDF:832766.2/19

Left: 98.411 $\pm$ 0.013 χ^2 /NDF: 1706266.8/40

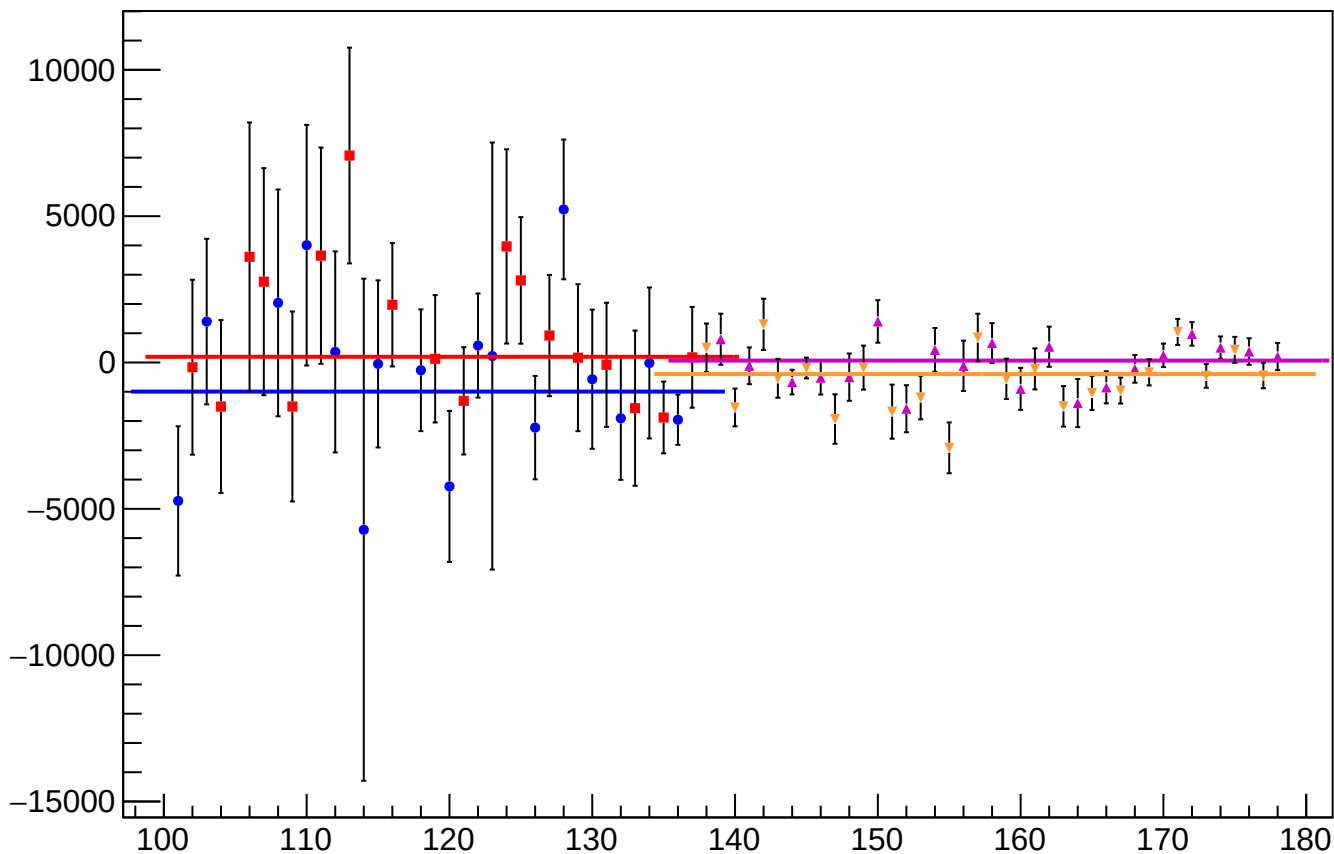
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 106.623 $\pm$ 0.017 χ^2 /NDF:2882770.2/36

Out: 105.107 $\pm$ 0.016 χ^2 /NDF:3511414.6/38

All: 105.848 $\pm$ 0.012 χ^2 /NDF: 6398447.5/75

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -394.964 ± 123.892 $\chi^2/\text{NDF}: 45.2/20$

Right Out: 195.049 ± 543.821 $\chi^2/\text{NDF}: 13.5/17$

Left In: 65.824 ± 124.176 $\chi^2/\text{NDF}: 29.8/19$

Left: -165.098 ± 87.705 $\chi^2/\text{NDF}: 81.9/40$

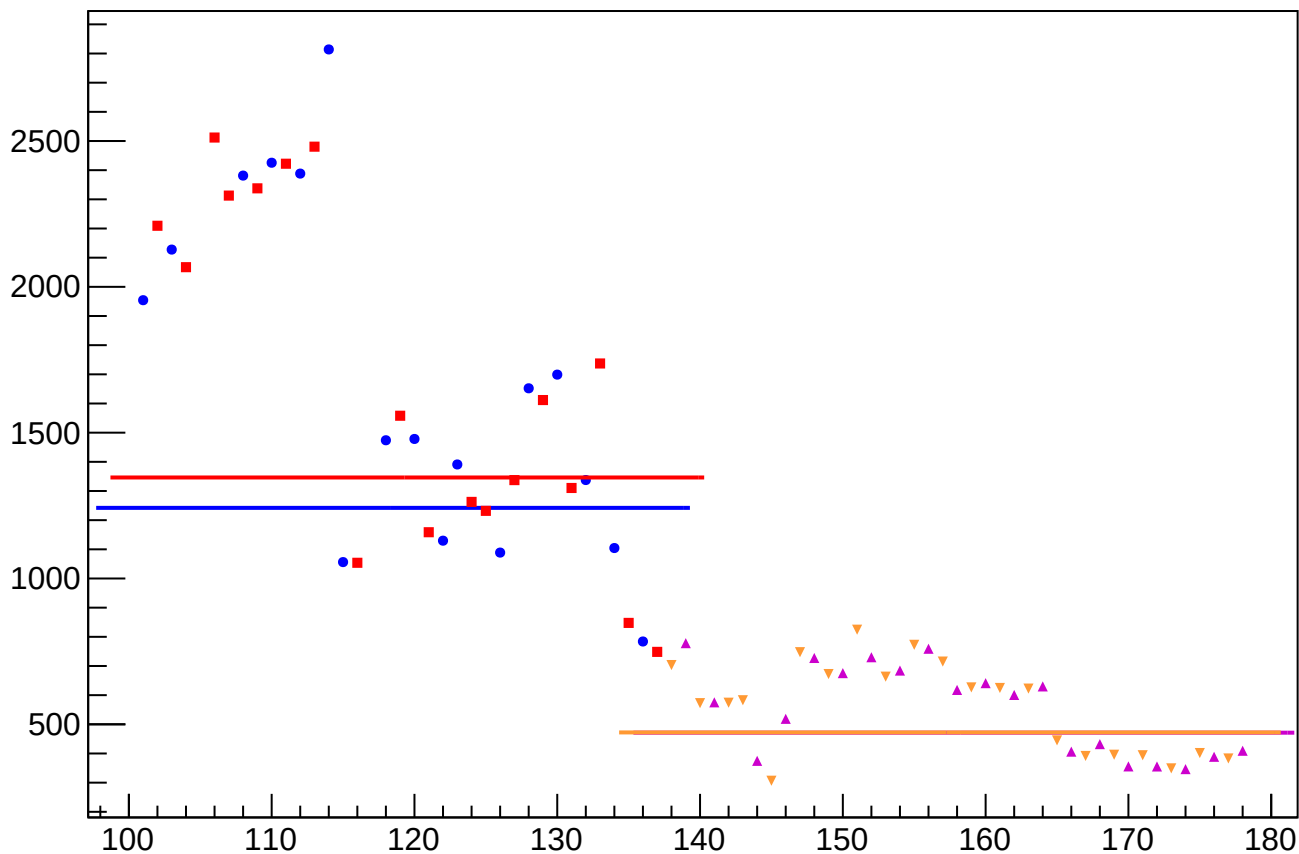
Right: -430.023 ± 374.493 $\chi^2/\text{NDF}: 33.0/34$

In: 7.916 ± 120.736 $\chi^2/\text{NDF}: 50.7/36$

Out: -365.853 ± 120.797 $\chi^2/\text{NDF}: 59.9/38$

All: -178.873 ± 85.395 $\chi^2/\text{NDF}: 115.4/75$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 472.223 $\pm$ 0.088 χ^2 /NDF: 2719423.9/20

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 471.321 $\pm$ 0.088 χ^2 /NDF: 2412677.3/19

Left: 471.773 $\pm$ 0.062 χ^2 /NDF: 5132154.1/40

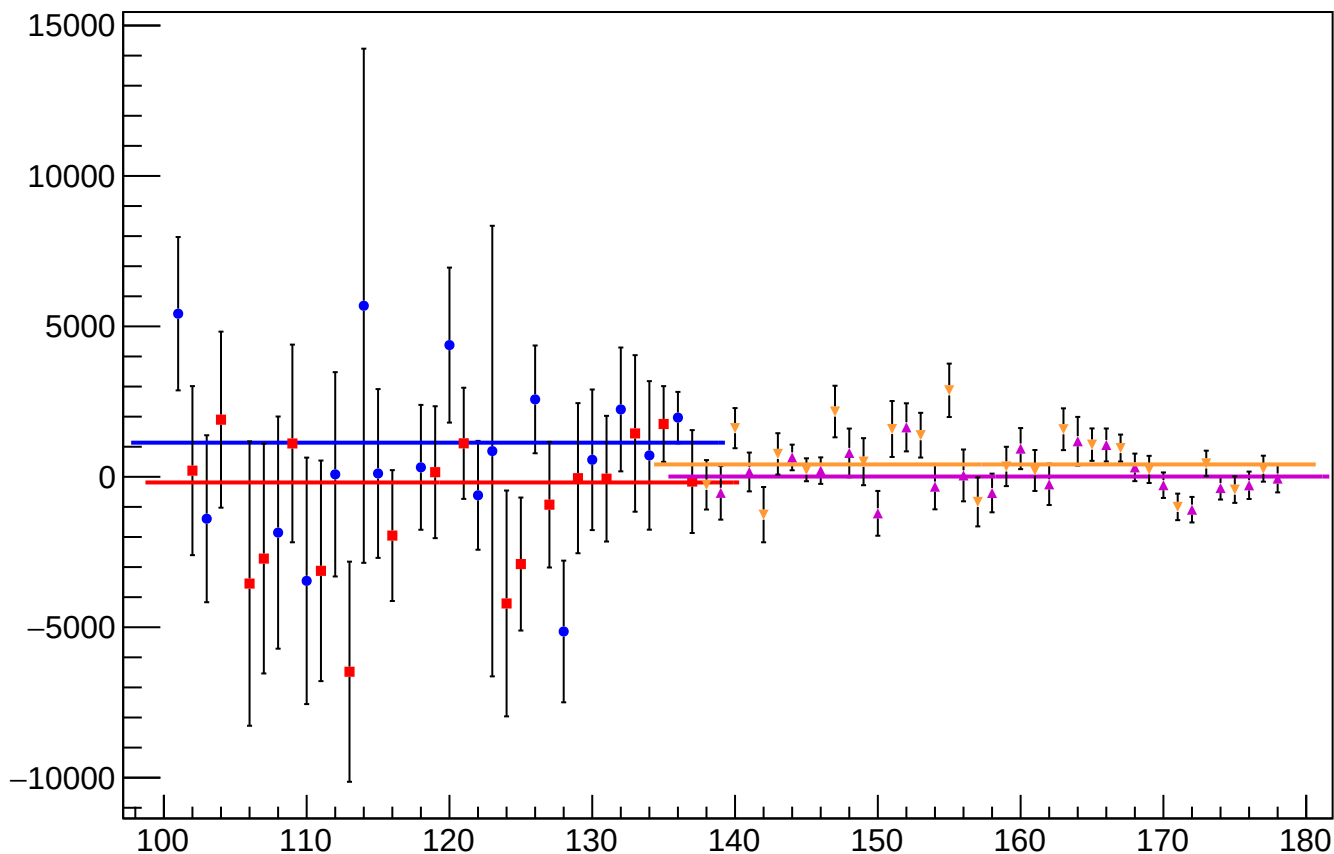
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 513.448 $\pm$ 0.085 χ^2 /NDF: 8392066.5/36

Out: 515.352 $\pm$ 0.085 χ^2 /NDF: 9440842.6/38

All: 514.400 $\pm$ 0.060 χ^2 /NDF: 17833157.8/75

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 411.737+/-125.192 χ^2/NDF : 45.3/20

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 9.360+/-122.966 χ^2/NDF : 28.4/19

Left: 206.939+/-87.727 χ^2/NDF : 79.0/40

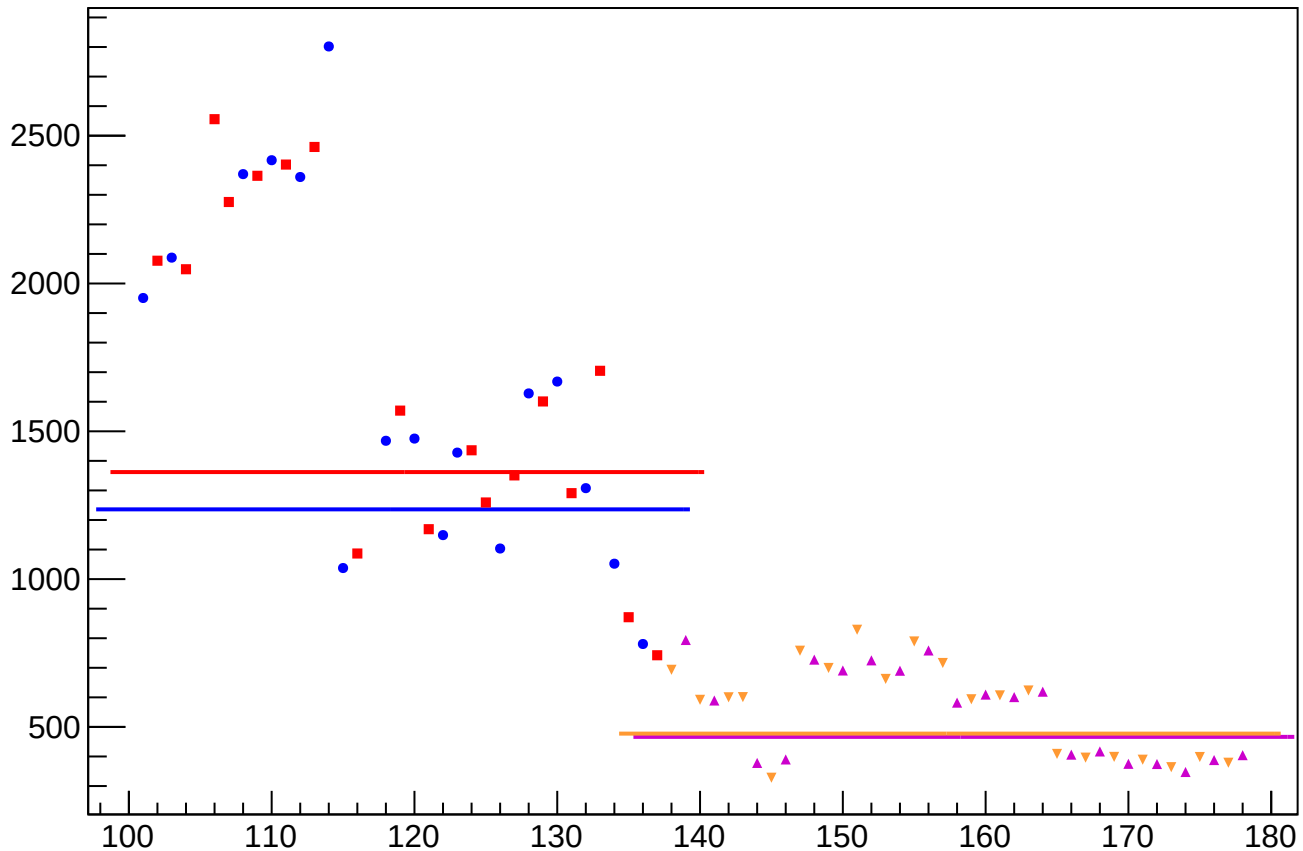
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 70.360+/-119.589 χ^2/NDF : 50.7/36

Out: 382.033+/-122.050 χ^2/NDF : 58.4/38

All: 223.022+/-85.419 χ^2/NDF : 112.5/75

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 +/- 0.363 χ^2/NDF : 1745716.2/16

Left Out: 477.334 +/- 0.089 χ^2/NDF : 2583493.6/20

Right Out: 1362.092 +/- 0.388 χ^2/NDF : 1709253.2/17

Left In: 466.336 +/- 0.087 χ^2/NDF : 2317501.1/19

Left: 471.736 +/- 0.062 χ^2/NDF : 4908850.2/40

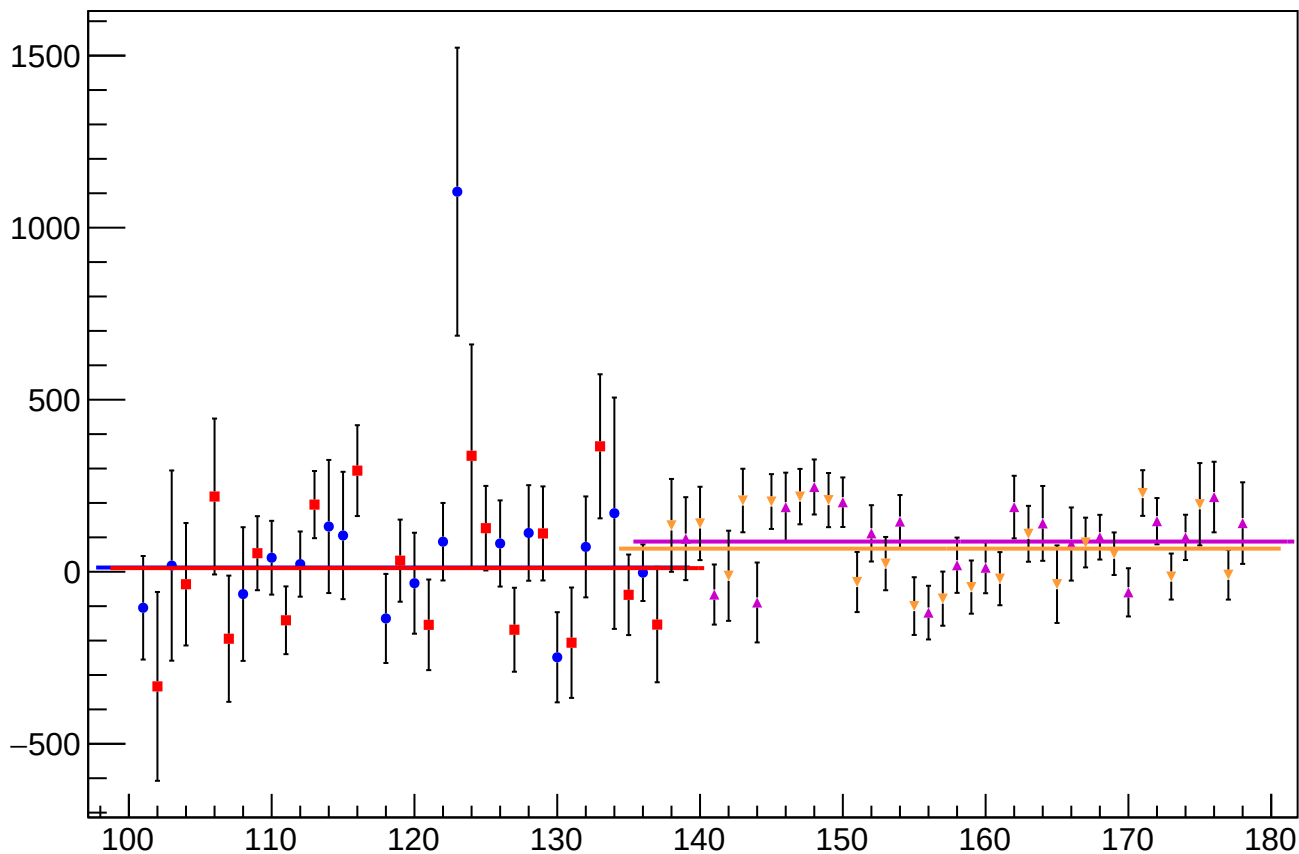
Right: 1294.931 +/- 0.265 χ^2/NDF : 3511356.6/34

In: 508.033 +/- 0.085 χ^2/NDF : 8307783.9/36

Out: 521.191 +/- 0.086 χ^2/NDF : 9244232.7/38

All: 514.478 +/- 0.060 χ^2/NDF : 17563874.7/75

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 67.235 $\pm$ 17.892 χ^2 /NDF:36.3/20

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 87.763 $\pm$ 18.589 χ^2 /NDF:30.9/19

Left: 77.107 $\pm$ 12.891 χ^2 /NDF: 67.8/40

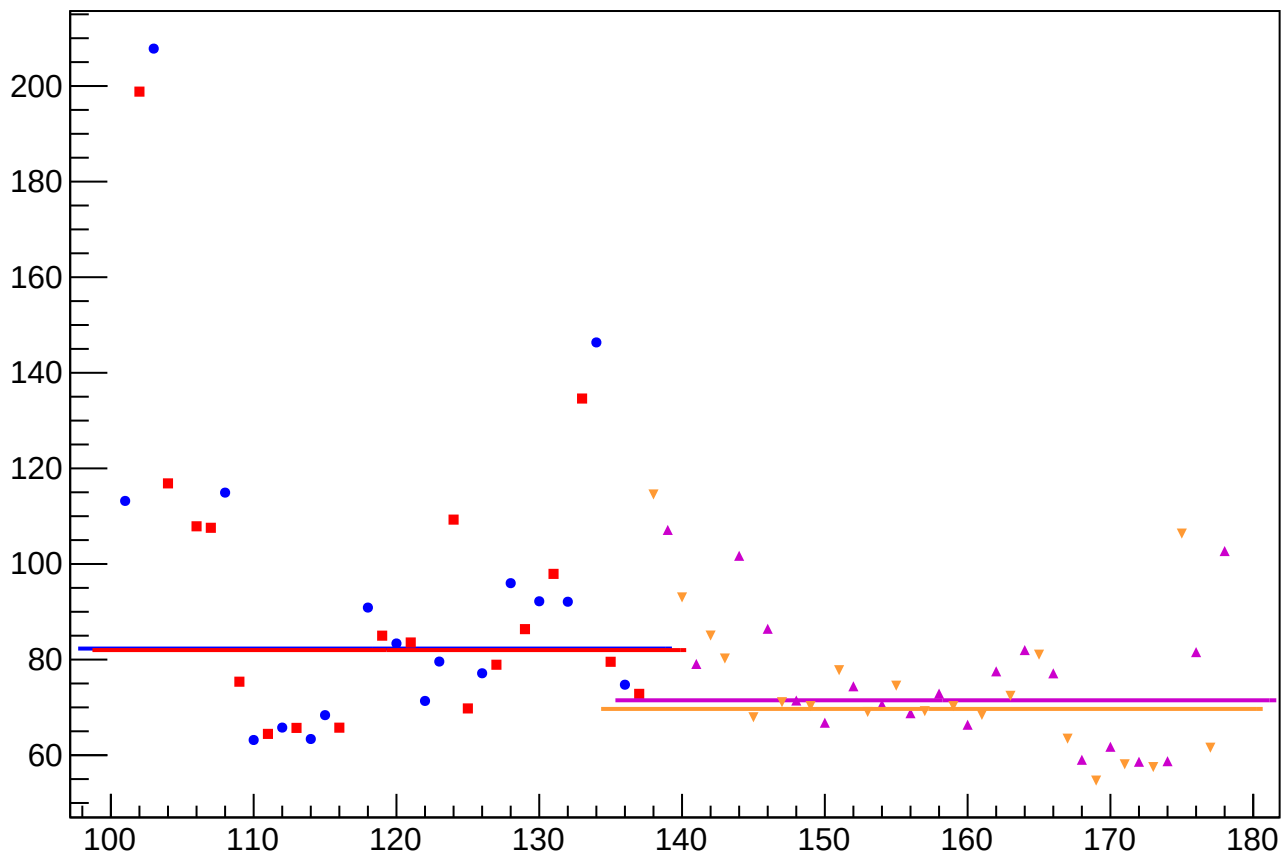
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 69.776 $\pm$ 16.223 χ^2 /NDF:50.1/36

Out: 54.127 $\pm$ 15.686 χ^2 /NDF:65.3/38

All: 61.688 $\pm$ 11.277 χ^2 /NDF: 116.0/75

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 69.677 $\pm$ 0.013 χ^2 /NDF: 892448.3/20

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 71.483 $\pm$ 0.013 χ^2 /NDF: 845221.0/19

Left: 70.546 $\pm$ 0.009 χ^2 /NDF: 1747472.5/40

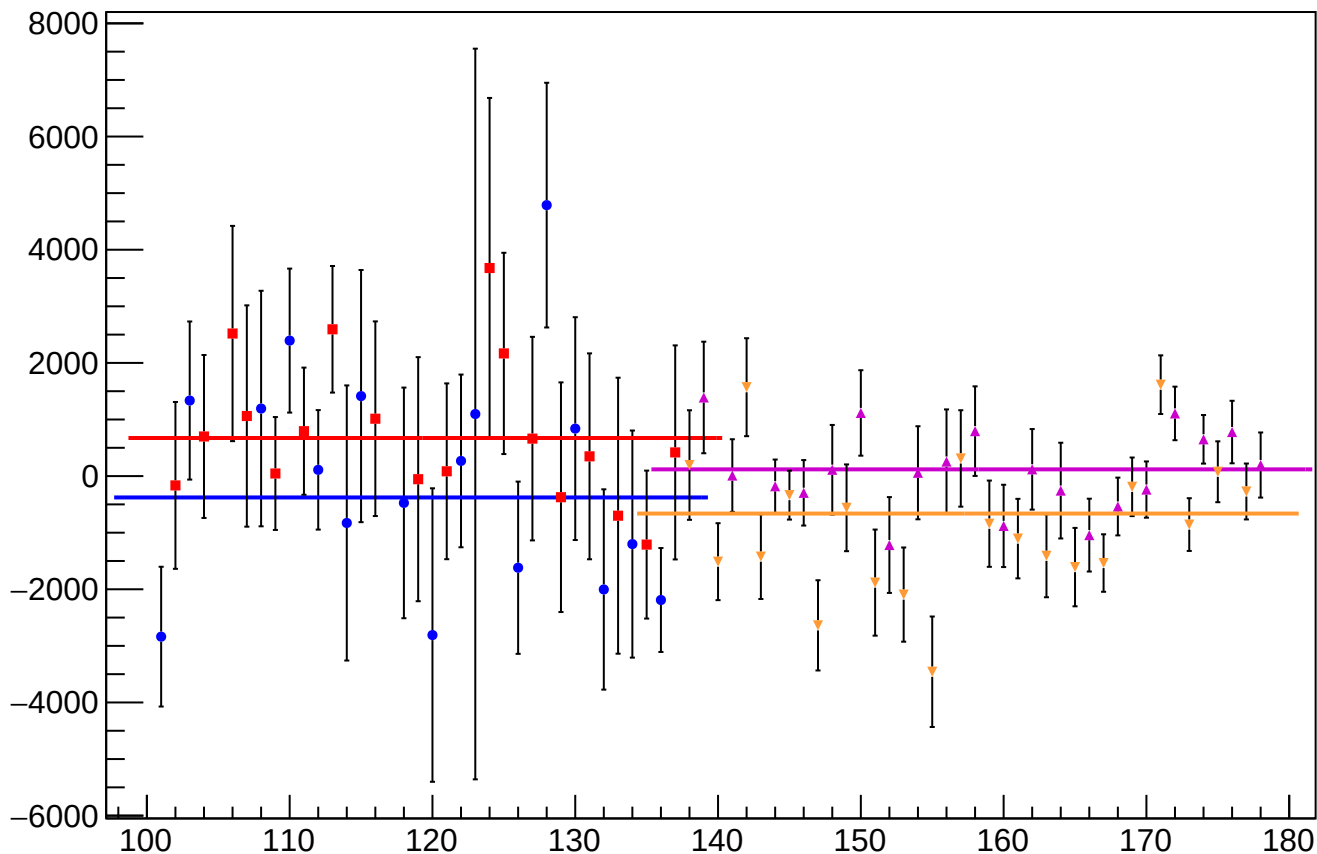
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 74.063 $\pm$ 0.011 χ^2 /NDF: 1875560.3/36

Out: 72.526 $\pm$ 0.011 χ^2 /NDF: 1964781.6/38

All: 73.269 $\pm$ 0.008 χ^2 /NDF: 3849623.3/75

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -662.047 ± 139.807 $\chi^2/\text{NDF}: 60.1/20$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 118.903 ± 139.080 $\chi^2/\text{NDF}: 22.4/19$

Left: -269.536 ± 98.601 $\chi^2/\text{NDF}: 98.2/40$

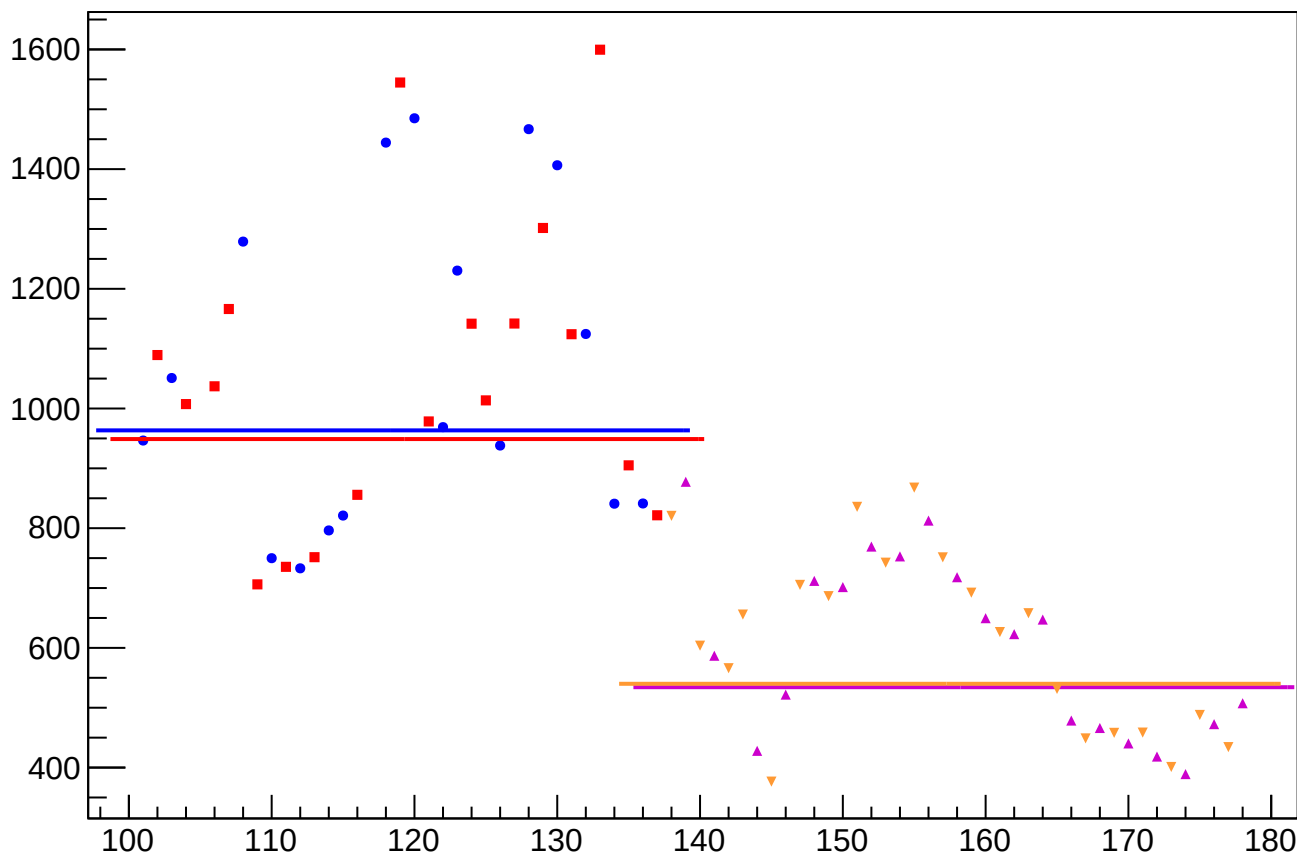
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: 61.328 ± 130.763 $\chi^2/\text{NDF}: 48.4/36$

Out: -494.133 ± 130.721 $\chi^2/\text{NDF}: 80.9/38$

All: -216.492 ± 92.449 $\chi^2/\text{NDF}: 138.3/75$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 539.996+/-0.099 χ^2/NDF : 1960392.2/20

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 534.305+/-0.098 χ^2/NDF : 1760648.7/19

Left: 537.136+/-0.070 χ^2/NDF : 3722707.0/40

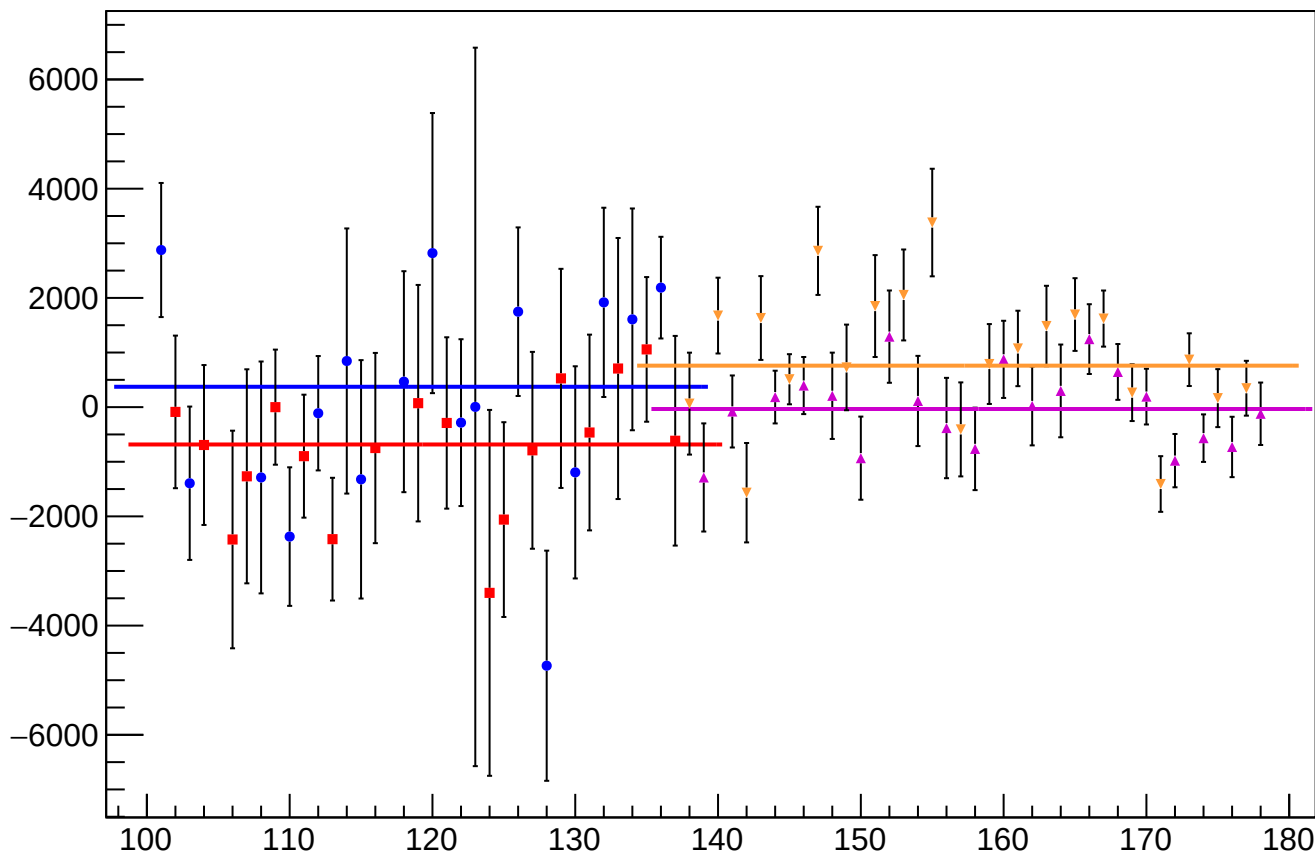
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 584.097+/-0.092 χ^2/NDF : 4658994.9/36

Out: 591.424+/-0.092 χ^2/NDF : 4841754.3/38

All: 587.762+/-0.065 χ^2/NDF : 9503889.6/75

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 759.764 $\pm$ 141.092 χ^2 /NDF:56.9/20

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: -34.043 $\pm$ 139.154 χ^2 /NDF:22.2/19

Left: 357.370 $\pm$ 99.075 χ^2 /NDF: 95.1/40

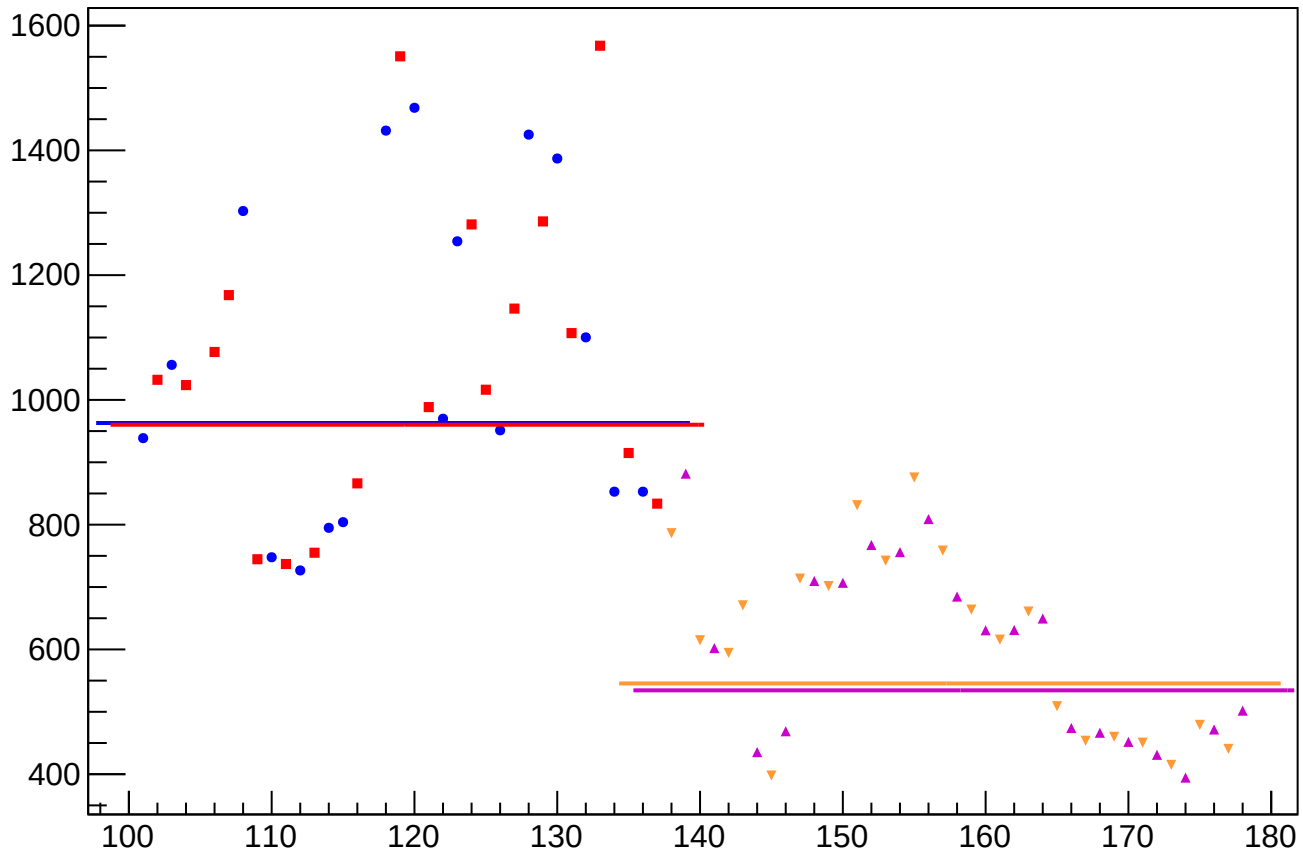
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 13.267 $\pm$ 130.815 χ^2 /NDF:48.5/36

Out: 578.598 $\pm$ 131.941 χ^2 /NDF:77.8/38

All: 293.510 $\pm$ 92.896 χ^2 /NDF: 135.5/75

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 545.461 $\pm$ 0.100 χ^2 /NDF: 1812213.3/20

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 534.404 $\pm$ 0.098 χ^2 /NDF: 1681980.2/19

Left: 539.856 $\pm$ 0.070 χ^2 /NDF: 3500418.7/40

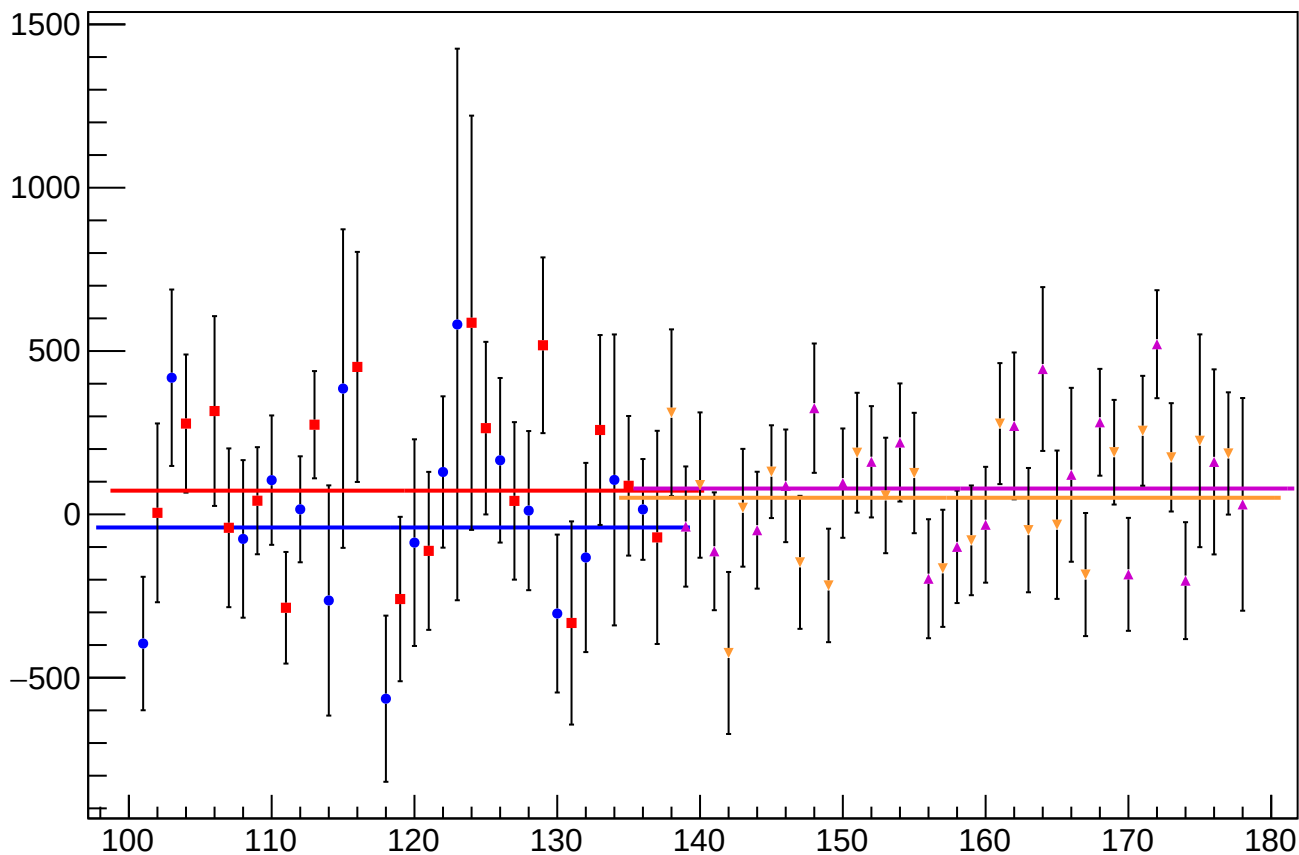
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 584.228 $\pm$ 0.093 χ^2 /NDF: 4554940.5/36

Out: 597.519 $\pm$ 0.093 χ^2 /NDF: 4652468.7/38

All: 590.817 $\pm$ 0.066 χ^2 /NDF: 9217643.1/75

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 50.823 ± 40.821 $\chi^2/\text{NDF}: 18.3/20$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 79.091 ± 42.351 $\chi^2/\text{NDF}: 24.7/19$

Left: 64.437 ± 29.391 $\chi^2/\text{NDF}: 43.2/40$

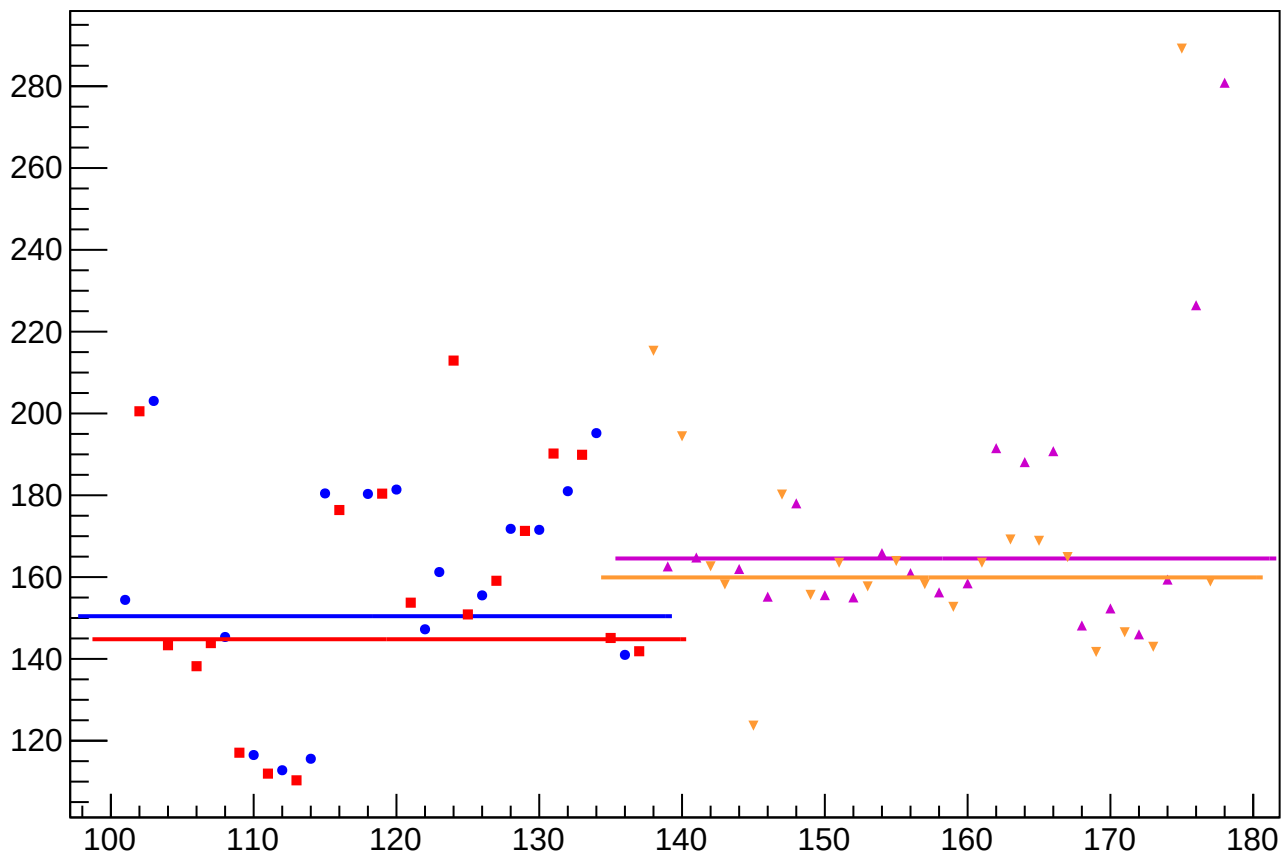
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 38.784 ± 34.456 $\chi^2/\text{NDF}: 42.7/36$

Out: 58.326 ± 33.051 $\chi^2/\text{NDF}: 36.0/38$

All: 48.962 ± 23.852 $\chi^2/\text{NDF}: 78.8/75$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.923 $\pm$ 0.029 χ^2 /NDF: 684490.4/20

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 164.550 $\pm$ 0.030 χ^2 /NDF: 509141.5/19

Left: 162.151 $\pm$ 0.021 χ^2 /NDF: 1206009.0/40

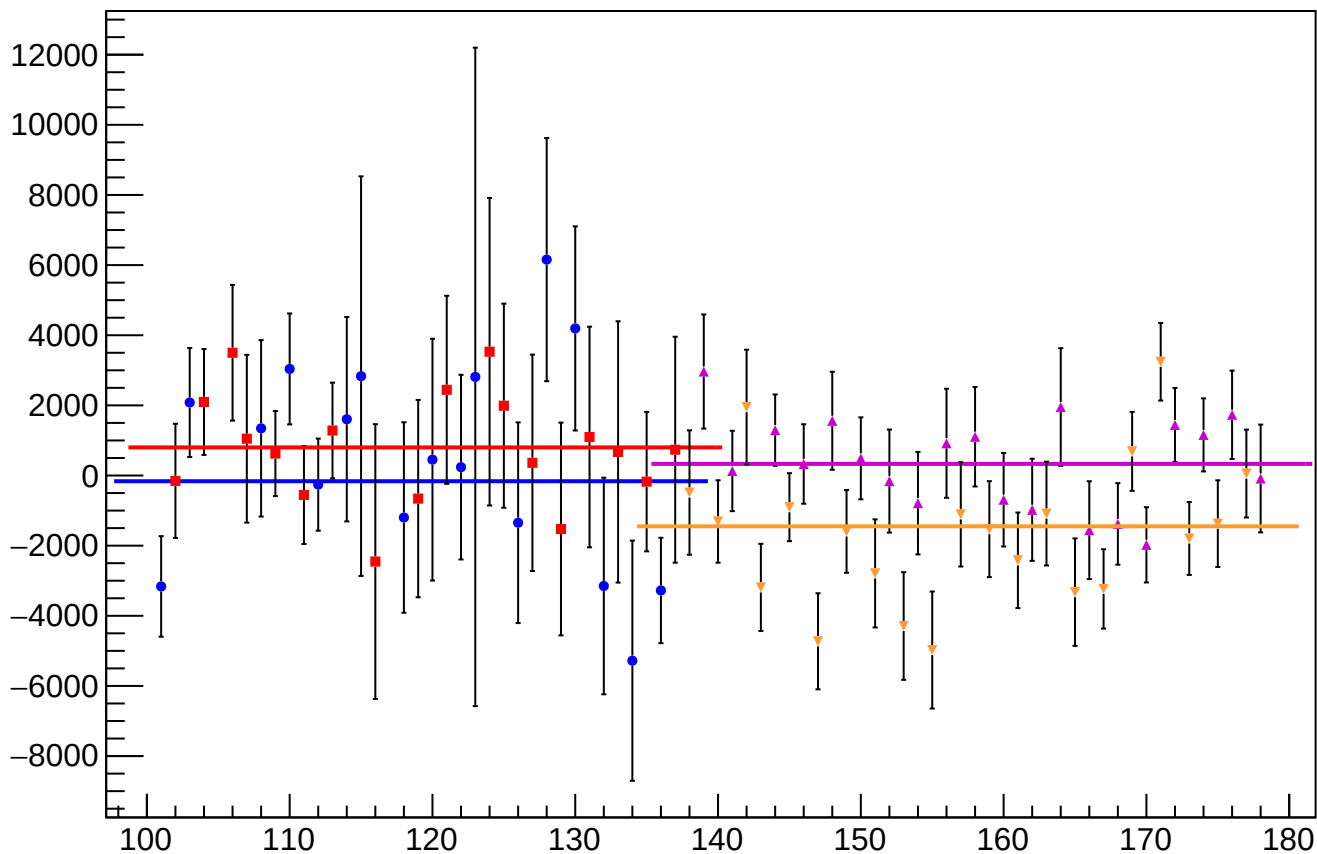
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 159.780 $\pm$ 0.024 χ^2 /NDF: 984305.3/36

Out: 154.716 $\pm$ 0.023 χ^2 /NDF: 1282816.6/38

All: 157.143 $\pm$ 0.017 χ^2 /NDF: 2289620.2/75

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1447.858 $\pm$ 281.765 χ^2 /NDF:49.1/20

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 331.469 $\pm$ 284.498 χ^2 /NDF:19.5/19

Left: -566.781 $\pm$ 200.197 χ^2 /NDF: 88.3/40

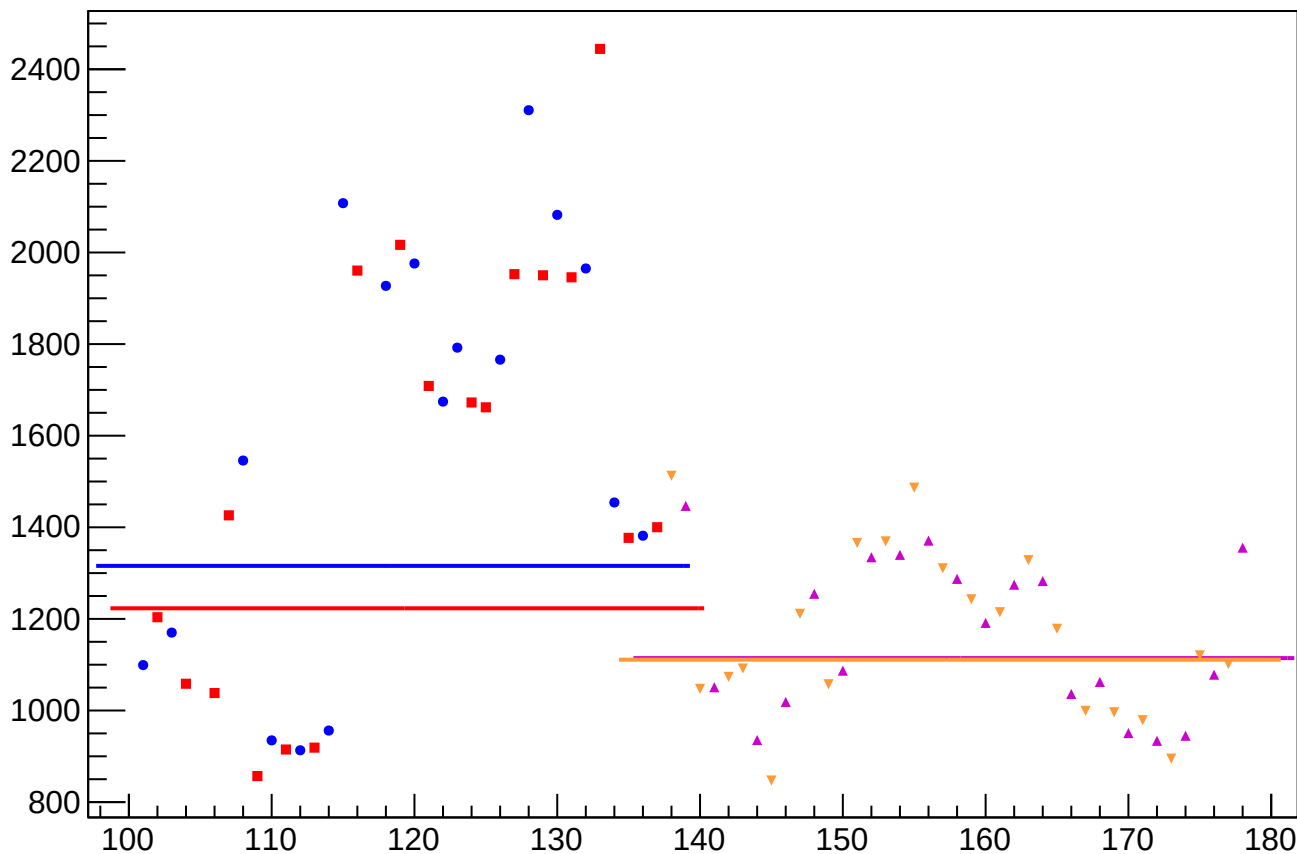
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 221.924 $\pm$ 250.999 χ^2 /NDF:45.2/36

Out: -883.145 $\pm$ 243.837 χ^2 /NDF:72.0/38

All: -346.601 $\pm$ 174.896 χ^2 /NDF: 127.1/75

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1110.957 $\pm$ 0.199 χ^2 /NDF: 754272.1/20

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1114.413 $\pm$ 0.201 χ^2 /NDF: 633990.5/19

Left: 1112.668 $\pm$ 0.142 χ^2 /NDF: 1388411.6/40

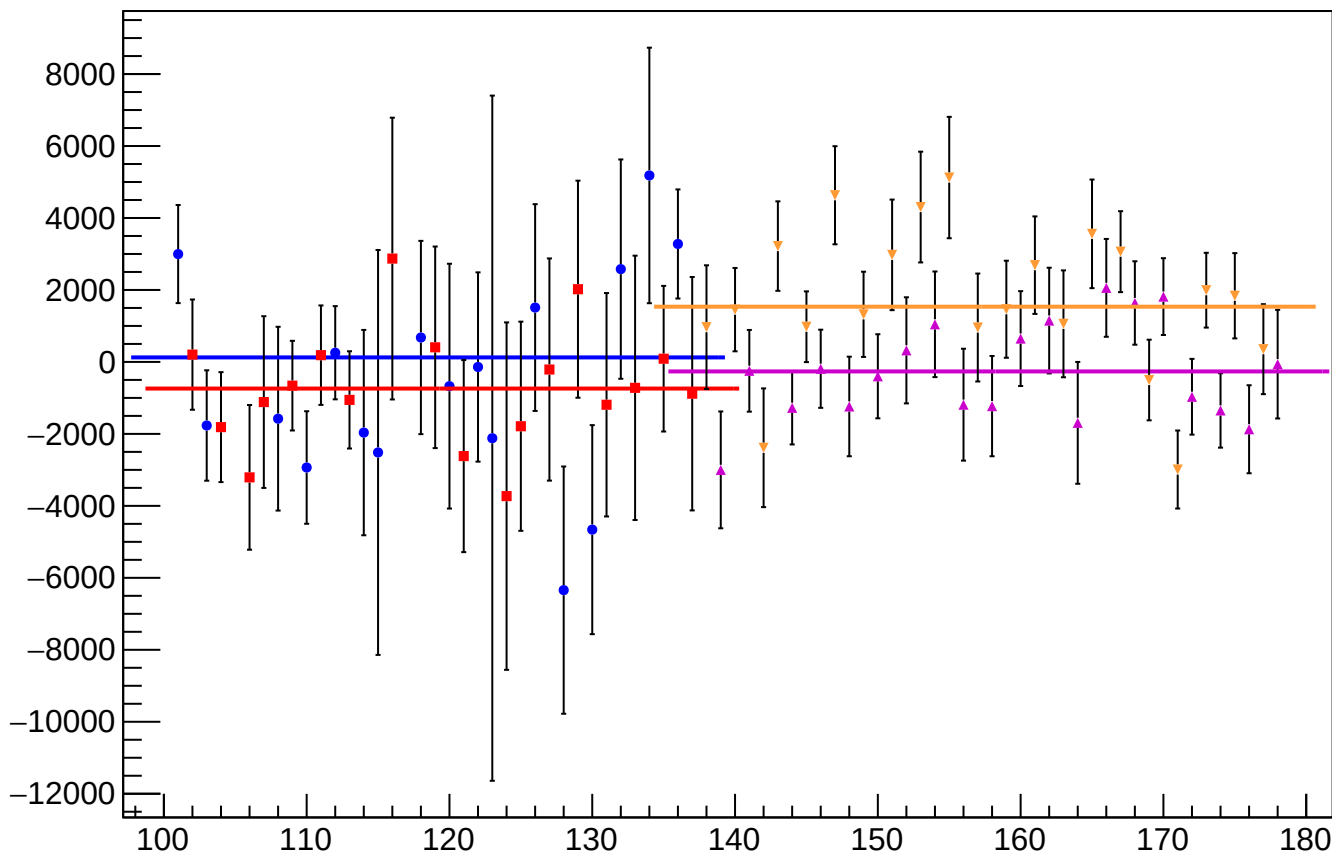
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1159.043 $\pm$ 0.177 χ^2 /NDF: 1974406.8/36

Out: 1139.135 $\pm$ 0.172 χ^2 /NDF: 2196988.6/38

All: 1148.801 $\pm$ 0.124 χ^2 /NDF: 4177867.9/75

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1534.912 $\pm$ 280.262 χ^2 /NDF:48.3/20

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -264.182 $\pm$ 282.021 χ^2 /NDF:20.9/19

Left: 640.993 $\pm$ 198.794 χ^2 /NDF: 89.7/40

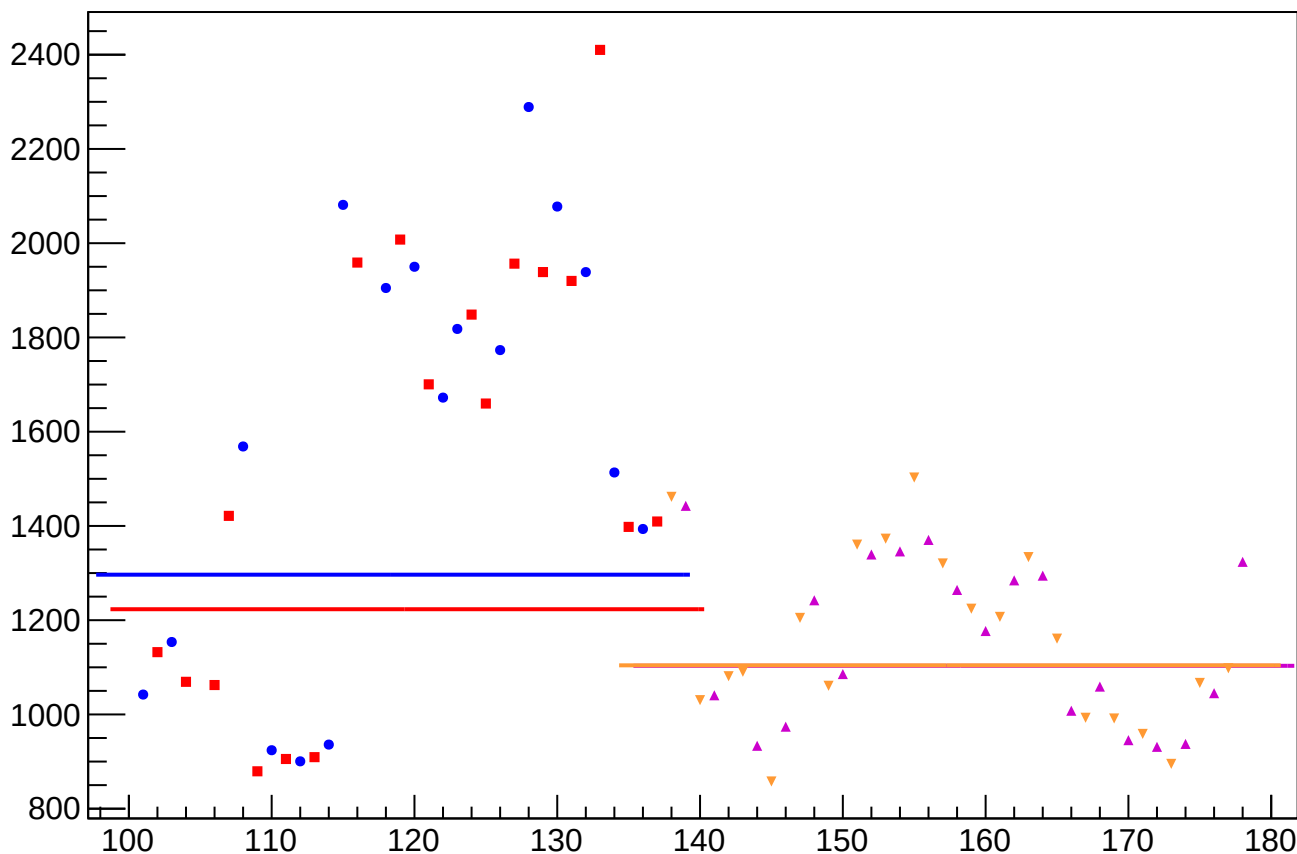
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -177.406 $\pm$ 248.634 χ^2 /NDF:46.0/36

Out: 968.614 $\pm$ 242.886 χ^2 /NDF:70.7/38

All: 409.004 $\pm$ 173.743 χ^2 /NDF: 127.6/75

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1104.211 $\pm$ 0.198 χ^2 /NDF: 741431.0/20

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1103.203 $\pm$ 0.199 χ^2 /NDF: 660601.3/19

Left: 1103.710 $\pm$ 0.141 χ^2 /NDF: 1402045.2/40

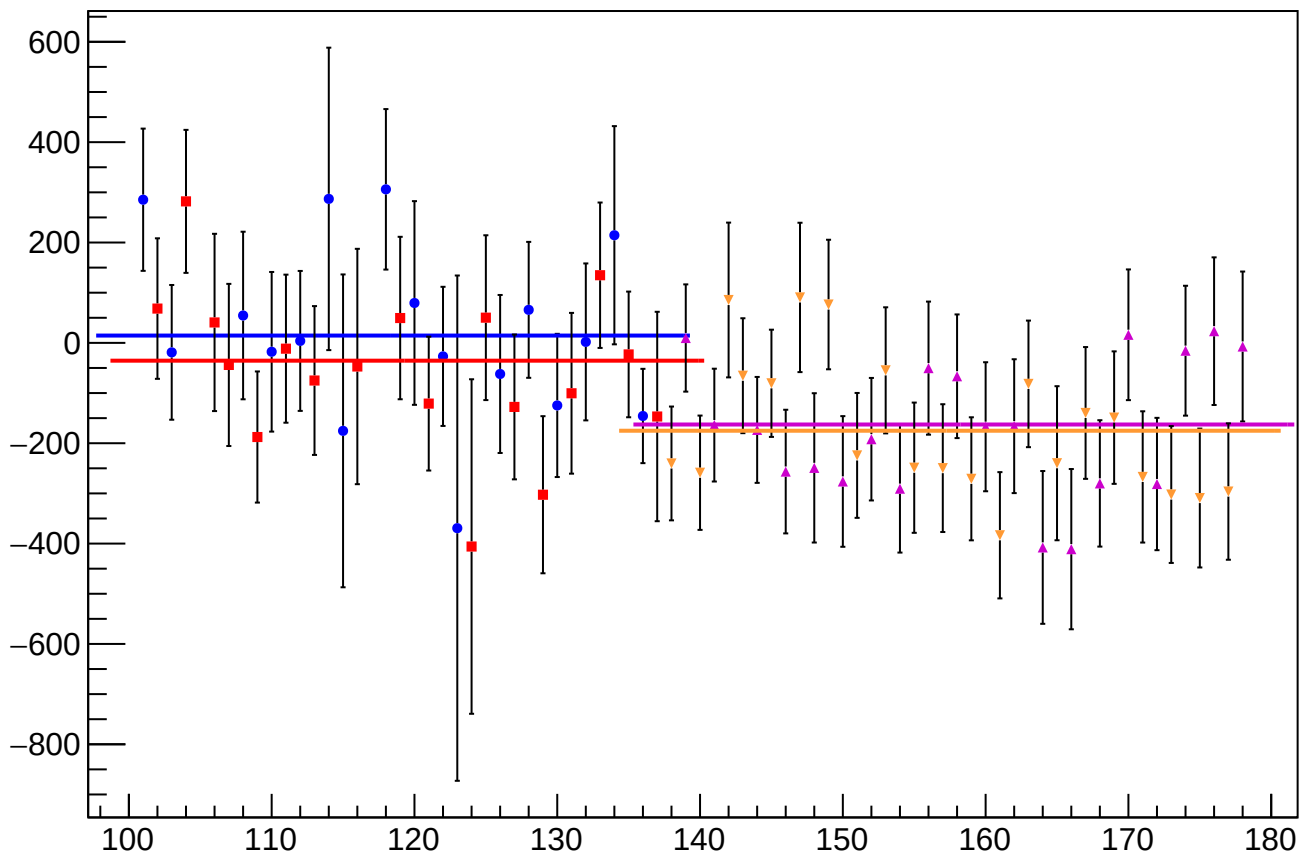
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1146.277 $\pm$ 0.176 χ^2 /NDF: 2045514.1/36

Out: 1133.850 $\pm$ 0.172 χ^2 /NDF: 2177977.1/38

All: 1139.918 $\pm$ 0.123 χ^2 /NDF: 4226047.8/75

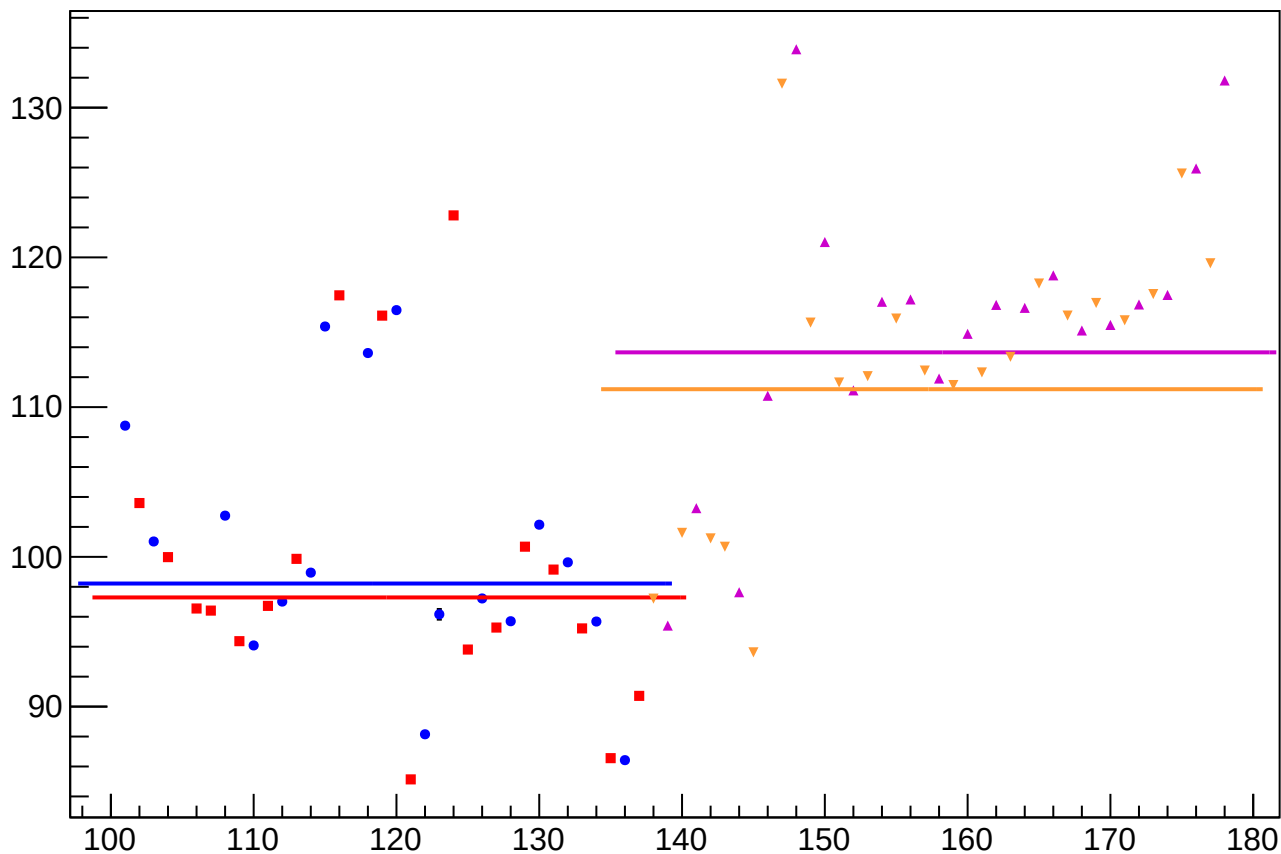
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -175.090 ± 27.910 $\chi^2/\text{NDF}: 21.4/20$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -162.676 ± 28.781 $\chi^2/\text{NDF}: 19.2/19$

Left: -169.074 ± 20.036 $\chi^2/\text{NDF}: 40.8/40$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -98.098 ± 22.947 $\chi^2/\text{NDF}: 47.2/36$
 Out: -123.981 ± 22.222 $\chi^2/\text{NDF}: 45.1/38$
 All: -111.455 ± 15.963 $\chi^2/\text{NDF}: 93.0/75$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 111.197+/-0.020 χ^2/NDF : 214599.5/20

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 113.658+/-0.020 χ^2/NDF : 221363.8/19

Left: 112.389+/-0.014 χ^2/NDF : 443498.7/40

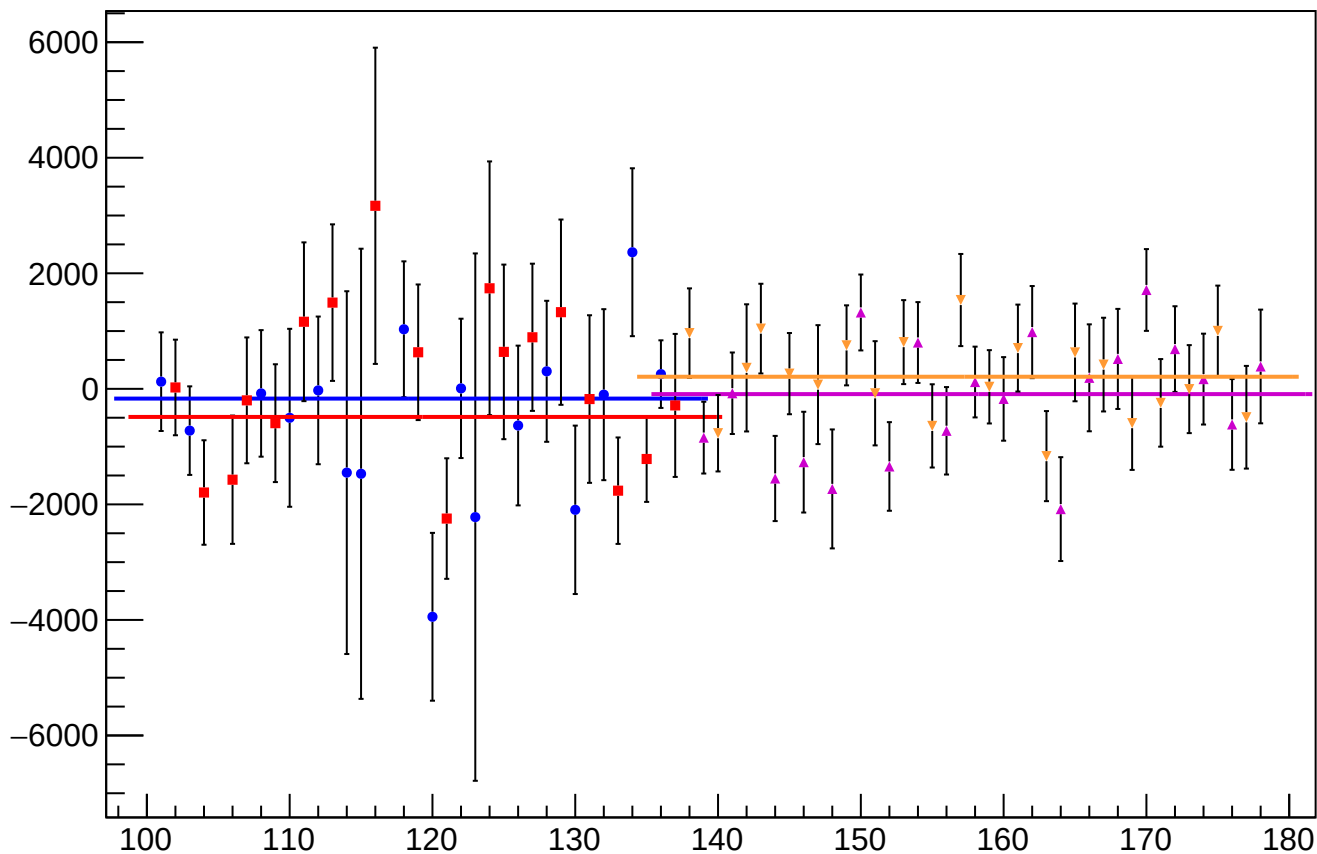
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 108.033+/-0.016 χ^2/NDF : 531543.1/36

Out: 106.106+/-0.016 χ^2/NDF : 492579.1/38

All: 107.039+/-0.011 χ^2/NDF : 1031400.6/75

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 209.376 ± 169.512 $\chi^2/\text{NDF}: 16.9/20$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -91.279 ± 170.302 $\chi^2/\text{NDF}: 35.2/19$

Left: 59.747 ± 120.141 $\chi^2/\text{NDF}: 53.7/40$

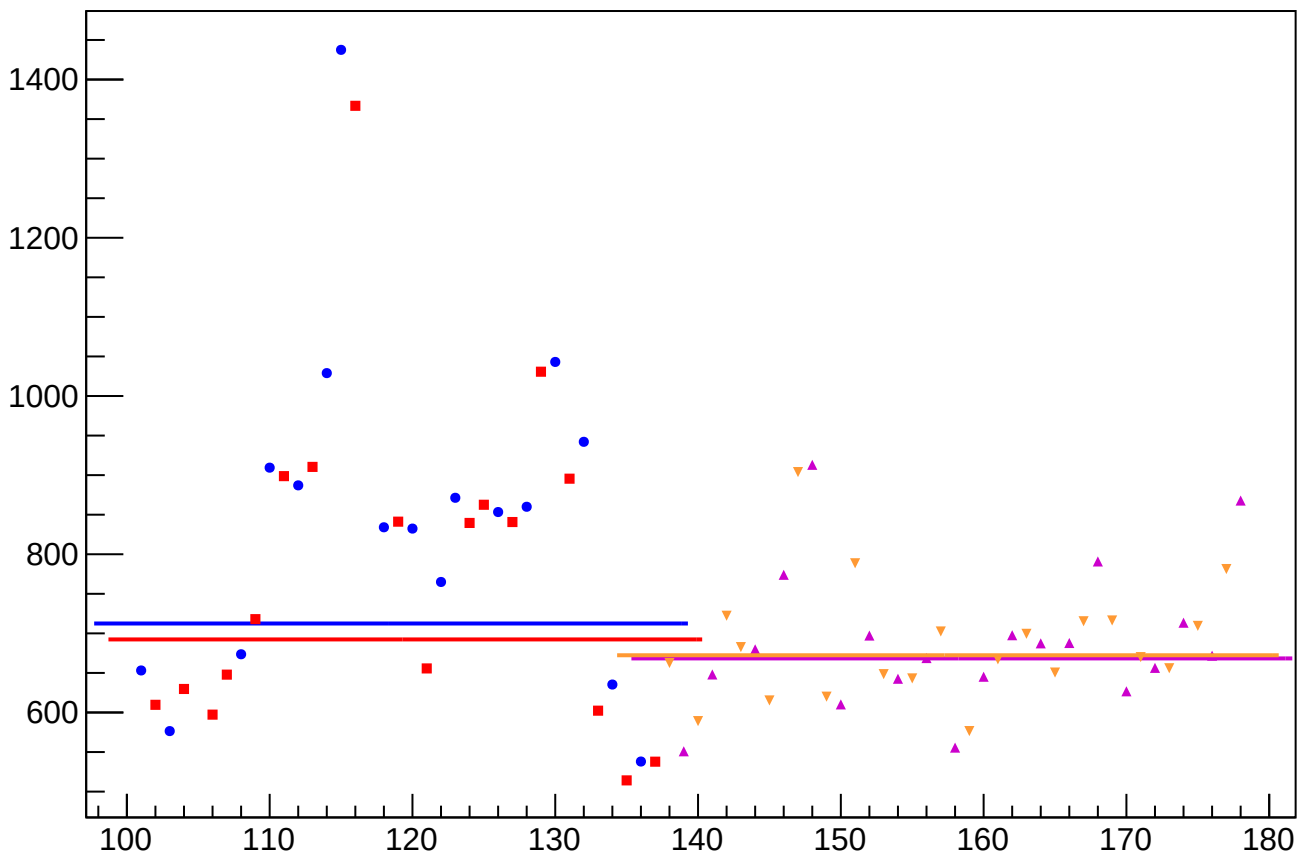
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -111.977 ± 145.805 $\chi^2/\text{NDF}: 49.8/36$

Out: 10.595 ± 143.262 $\chi^2/\text{NDF}: 41.3/38$

All: -49.613 ± 102.189 $\chi^2/\text{NDF}: 91.5/75$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 672.332+/-0.120 χ^2/NDF : 300098.6/20

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 668.339+/-0.120 χ^2/NDF : 447723.6/19

Left: 670.345+/-0.085 χ^2/NDF : 748374.5/40

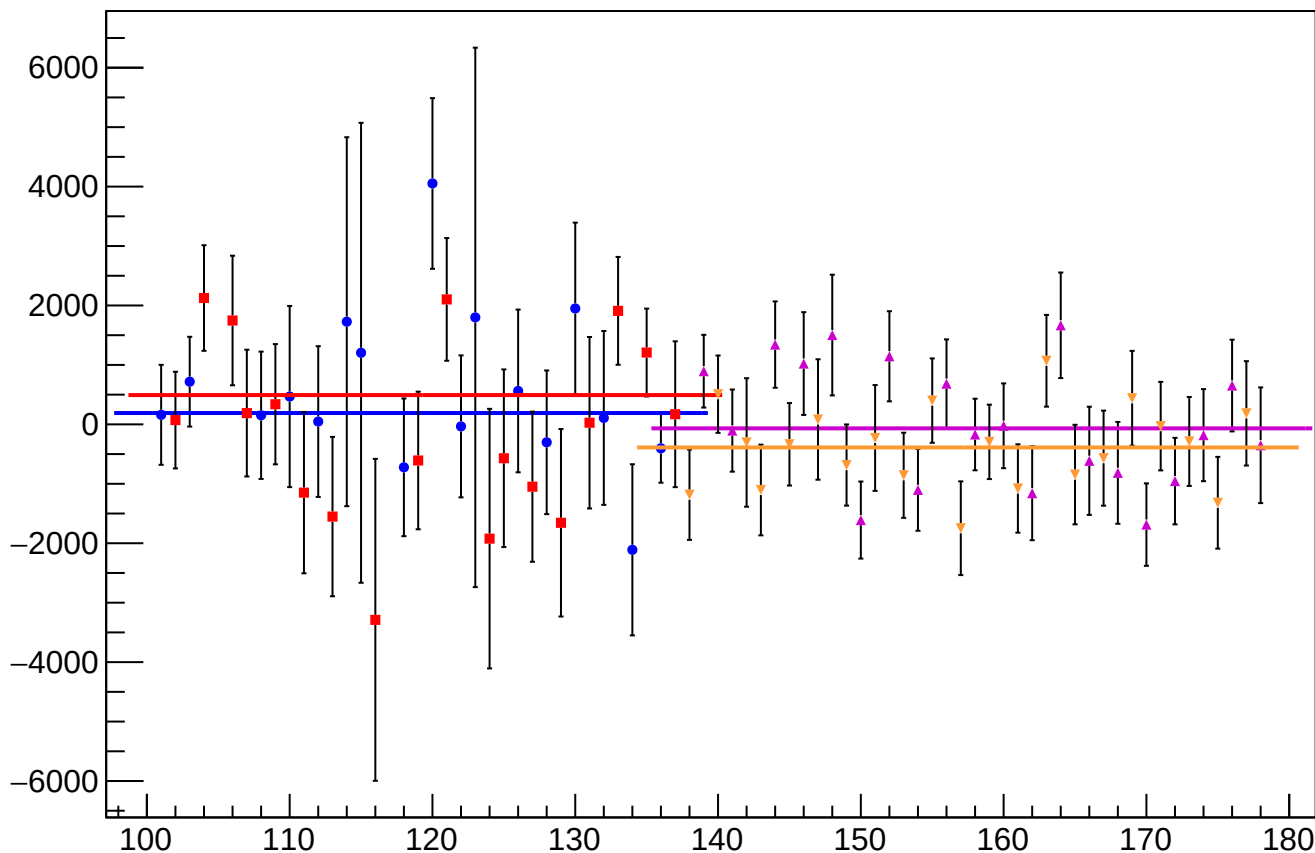
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.123+/-0.103 χ^2/NDF : 1144110.9/36

Out: 678.049+/-0.101 χ^2/NDF : 965015.2/38

All: 679.068+/-0.072 χ^2/NDF : 2109332.0/75

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -388.408 $\pm$ 167.022 χ^2/NDF :17.0/20

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -67.234 $\pm$ 167.749 χ^2/NDF :36.5/19

Left: -228.518 $\pm$ 118.359 χ^2/NDF : 55.3/40

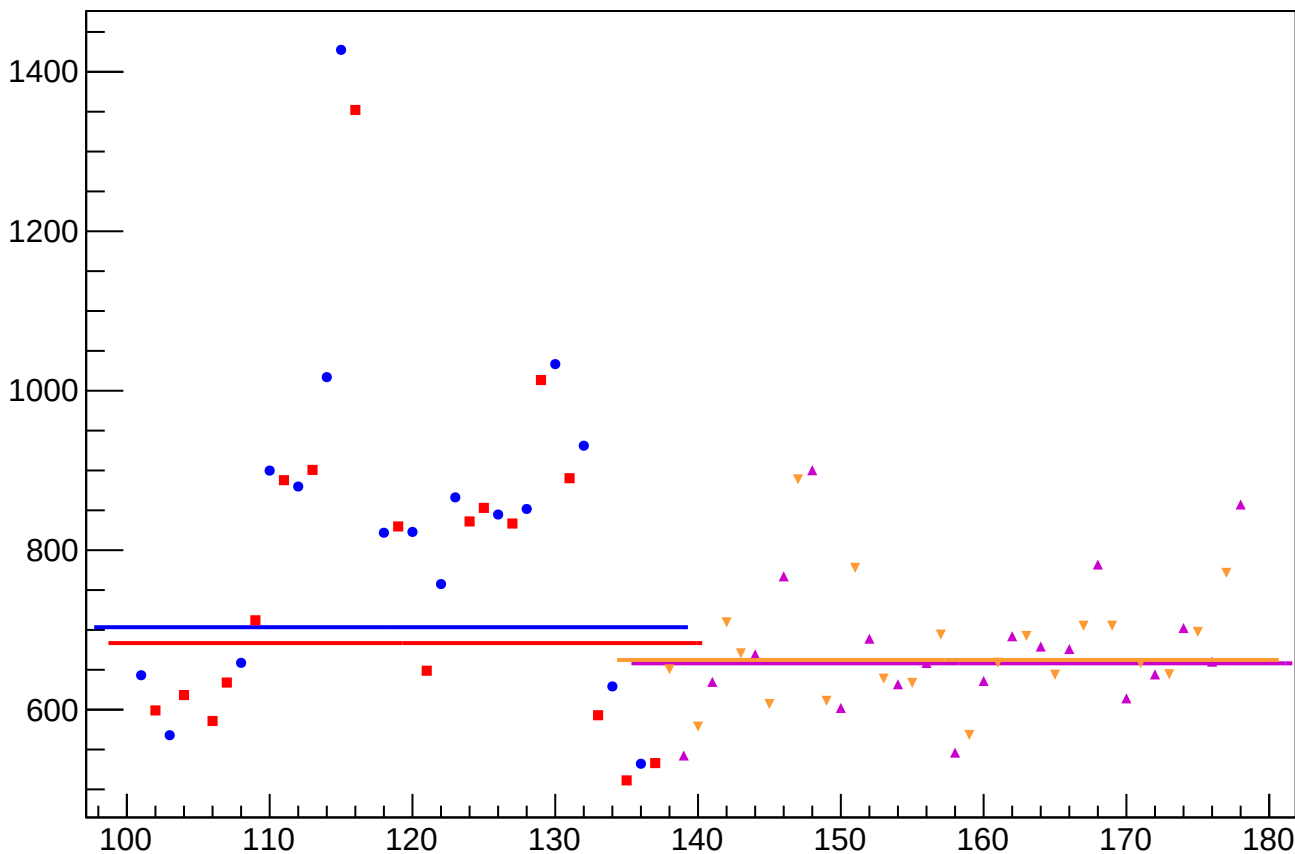
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 1.418 $\pm$ 143.719 χ^2/NDF :51.3/36

Out: -137.378 $\pm$ 141.243 χ^2/NDF :47.7/38

All: -69.186 $\pm$ 100.738 χ^2/NDF : 99.5/75

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 662.322 $\pm$ 0.118 χ^2 /NDF:301106.9/20

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 658.108 $\pm$ 0.119 χ^2 /NDF:458701.2/19

Left: 660.224 $\pm$ 0.084 χ^2 /NDF: 760441.9/40

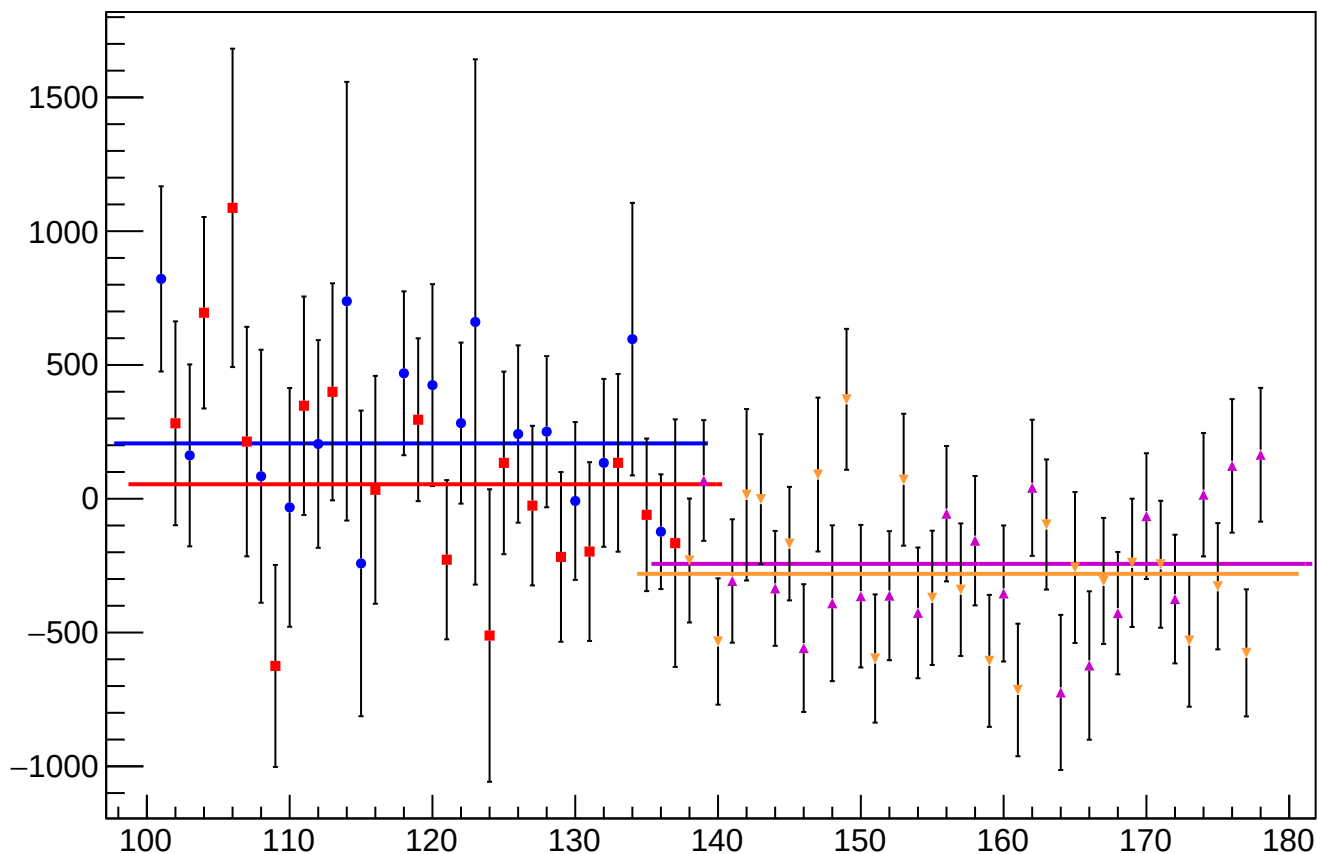
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.156 $\pm$ 0.102 χ^2 /NDF:1164377.6/36

Out: 668.353 $\pm$ 0.100 χ^2 /NDF:969617.0/38

All: 669.239 $\pm$ 0.071 χ^2 /NDF: 2134154.7/75

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -280.624 ± 53.797 χ^2/NDF : 23.5/20

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -243.370 ± 54.928 χ^2/NDF : 19.5/19

Left: -262.385 ± 38.434 χ^2/NDF : 43.2/40

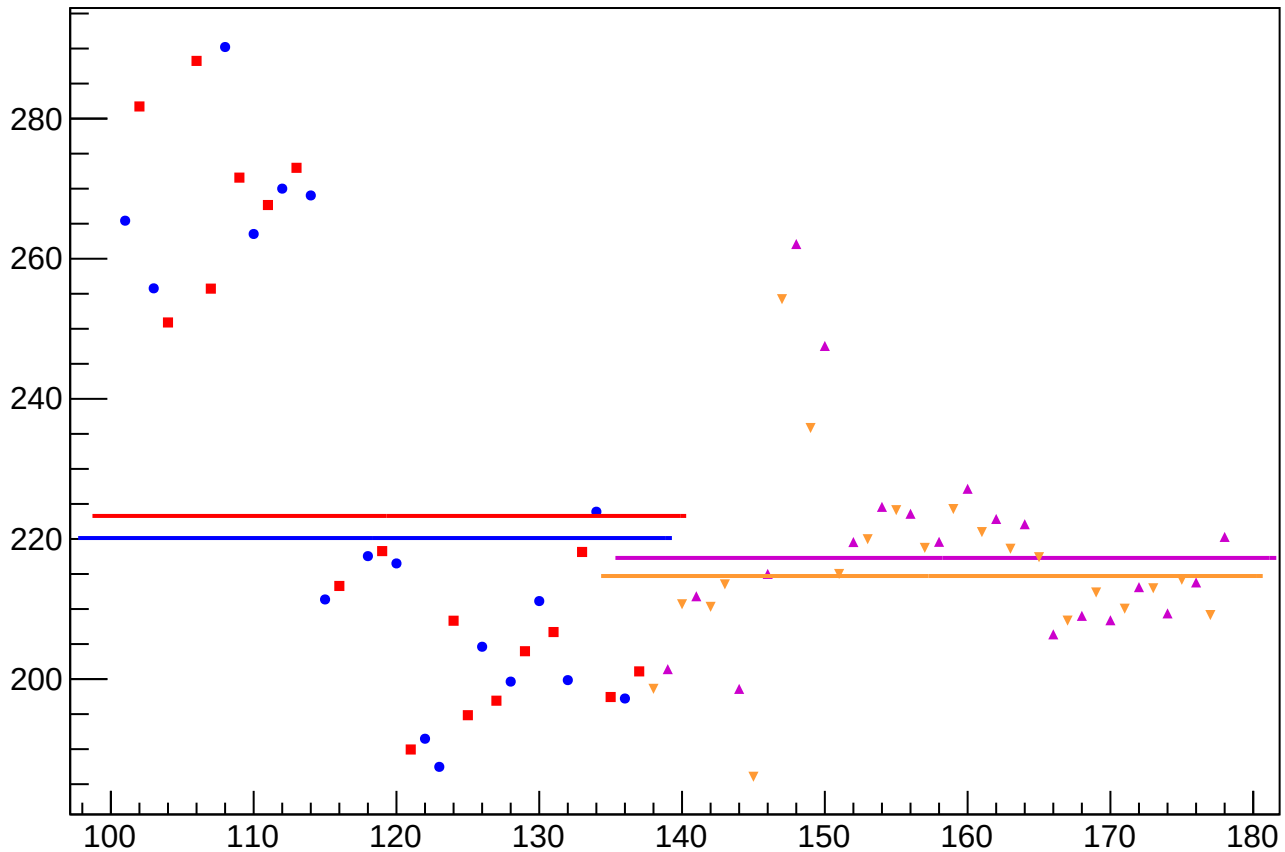
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -112.121 ± 46.234 χ^2/NDF : 48.6/36

Out: -185.175 ± 45.487 χ^2/NDF : 50.2/38

All: -149.242 ± 32.425 χ^2/NDF : 100.0/75

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 214.712+/-0.038 χ^2/NDF : 110635.0/20

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 217.294+/-0.039 χ^2/NDF : 119643.9/19

Left: 215.976+/-0.027 χ^2/NDF : 232534.2/40

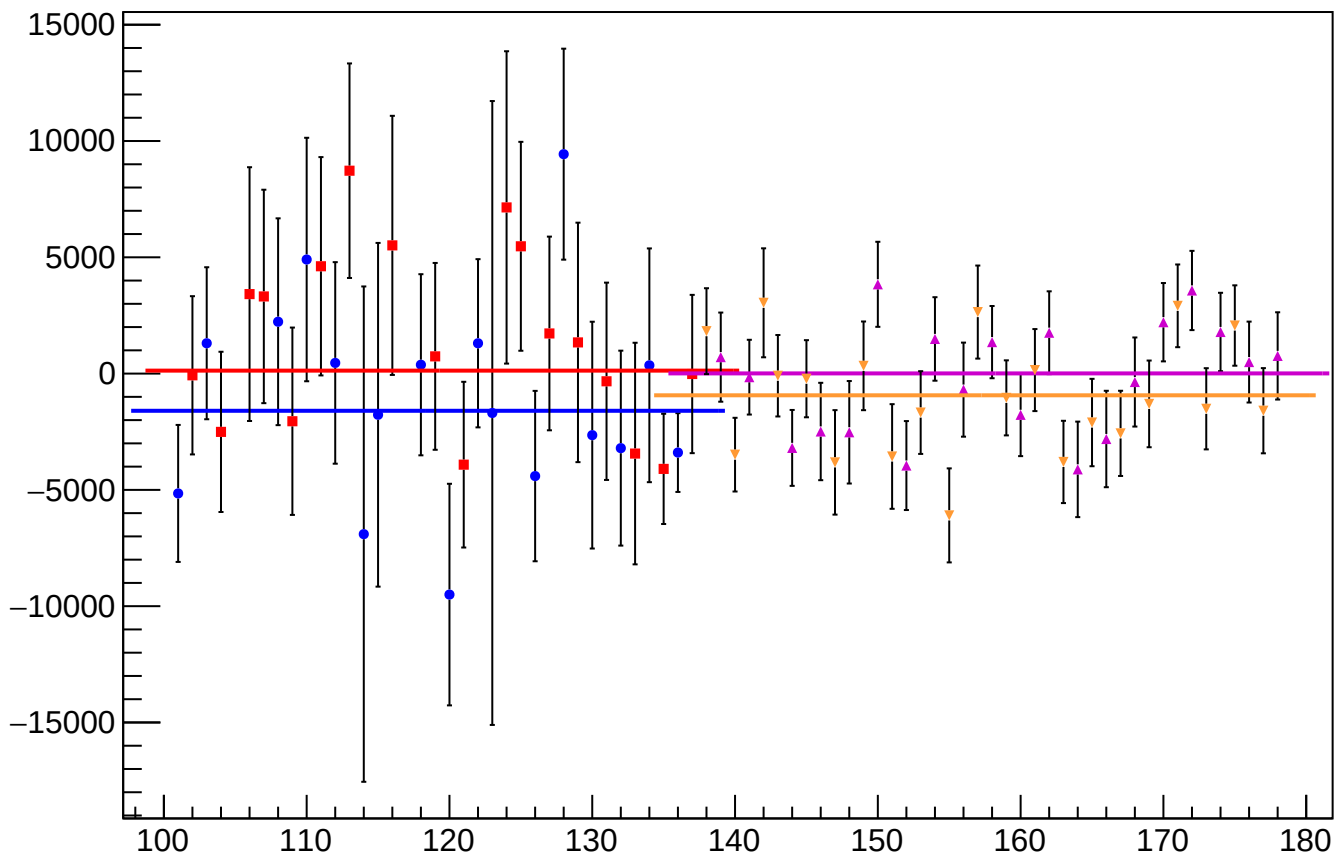
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 218.122+/-0.033 χ^2/NDF : 349644.9/36

Out: 217.157+/-0.032 χ^2/NDF : 397376.8/38

All: 217.631+/-0.023 χ^2/NDF : 747464.2/75

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -933.038 $\pm$ 401.049 χ^2 /NDF:33.6/20

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: 8.233 $\pm$ 406.543 χ^2 /NDF:32.3/19

Left: -468.806 $\pm$ 285.507 χ^2 /NDF: 68.7/40

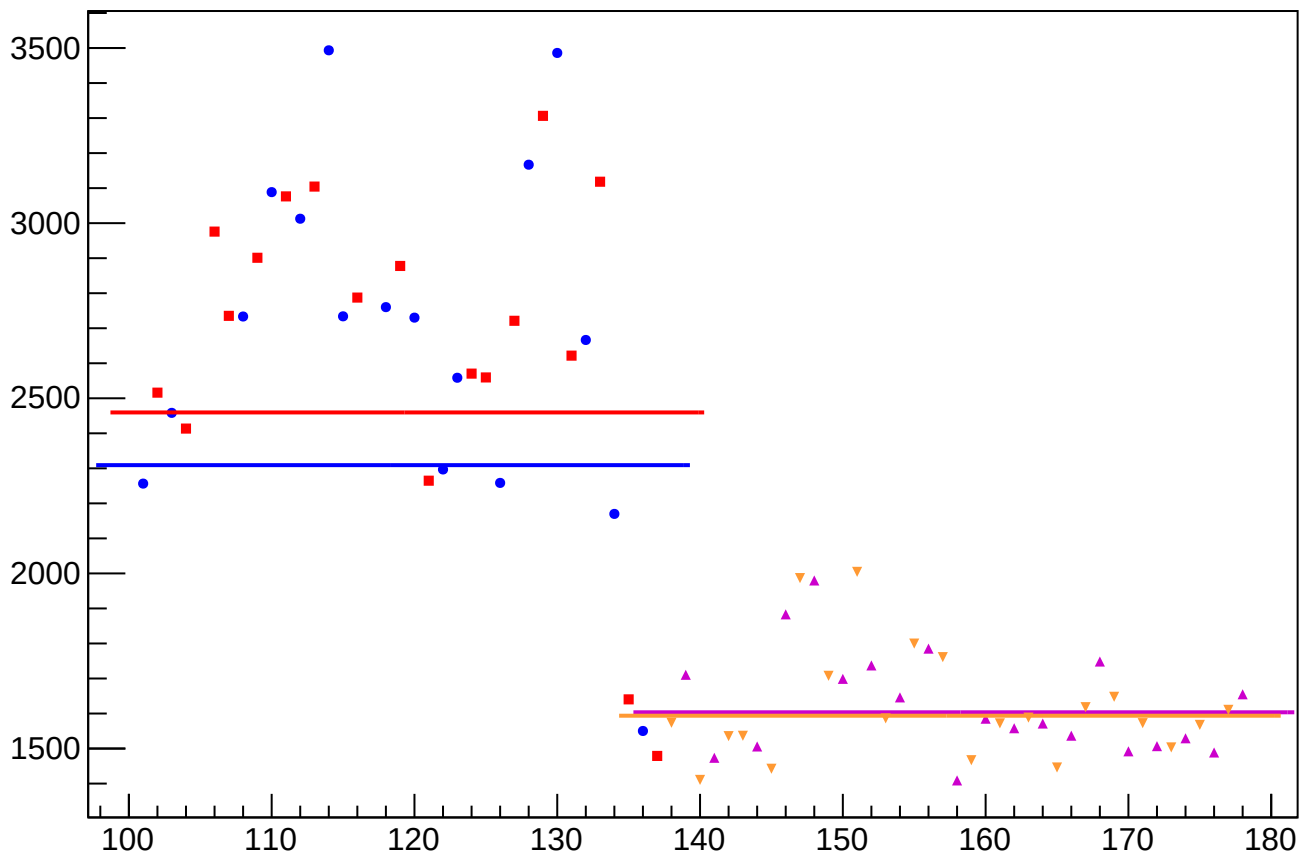
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -253.851 $\pm$ 371.924 χ^2 /NDF:51.5/36

Out: -772.322 $\pm$ 369.422 χ^2 /NDF:49.5/38

All: -514.836 $\pm$ 262.101 χ^2 /NDF: 102.0/75

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1593.769 $\pm$ 0.284 χ^2 /NDF: 250231.4/20

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1603.527 $\pm$ 0.287 χ^2 /NDF: 229235.9/19

Left: 1598.582 $\pm$ 0.202 χ^2 /NDF: 480051.2/40

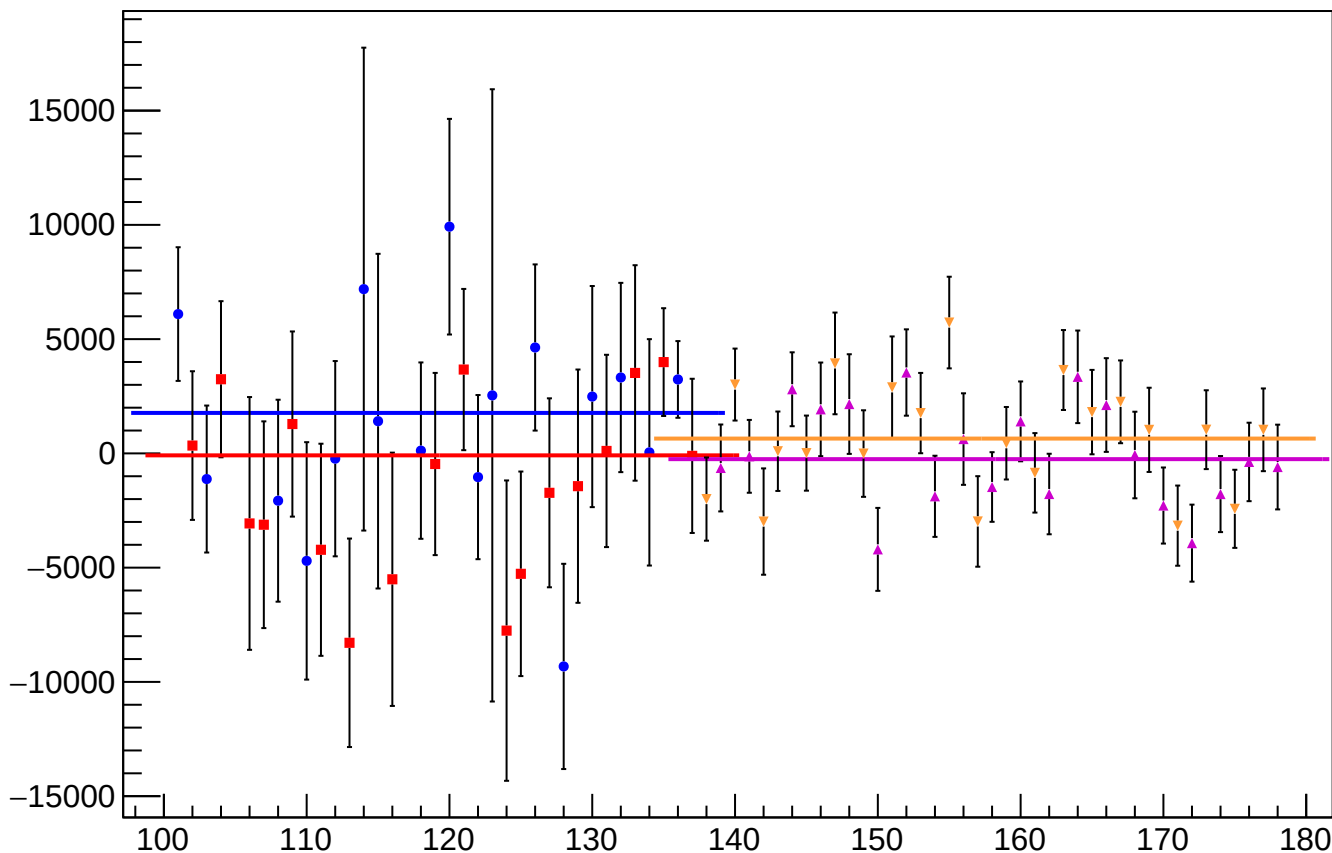
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1718.583 $\pm$ 0.263 χ^2 /NDF: 2012363.1/36

Out: 1724.947 $\pm$ 0.261 χ^2 /NDF: 2330721.6/38

All: 1721.787 $\pm$ 0.185 χ^2 /NDF: 4343379.4/75

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 648.376+/-396.634 χ^2/NDF : 33.5/20

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -251.955+/-401.723 χ^2/NDF : 29.7/19

Left: 203.949+/-282.244 χ^2/NDF : 65.7/40

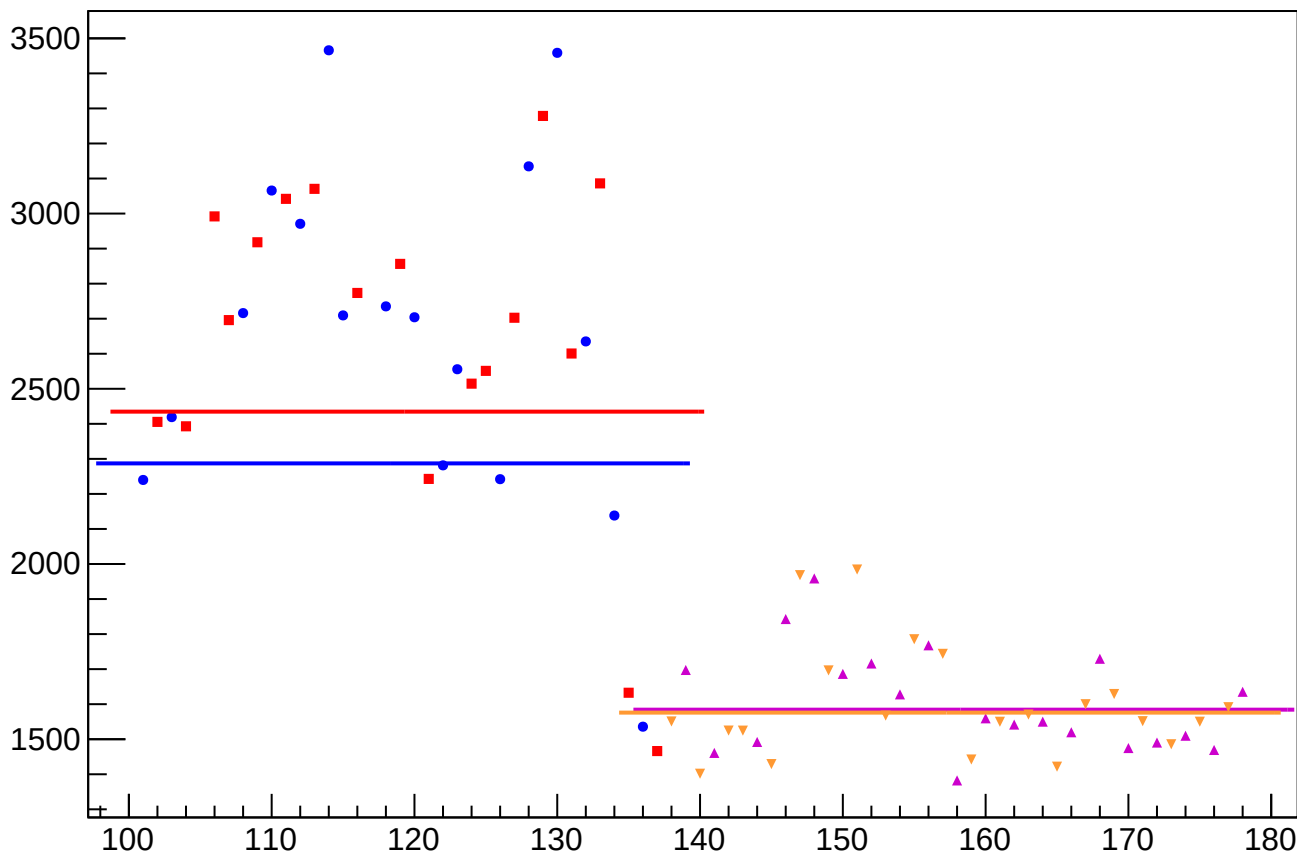
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 76.619+/-367.658 χ^2/NDF : 51.1/36

Out: 537.345+/-365.425 χ^2/NDF : 48.5/38

All: 308.386+/-259.181 χ^2/NDF : 100.4/75

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1575.924+/-0.280 χ^2/NDF : 254380.0/20

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1584.337+/-0.284 χ^2/NDF : 230893.4/19

Left: 1580.077+/-0.200 χ^2/NDF : 485717.6/40

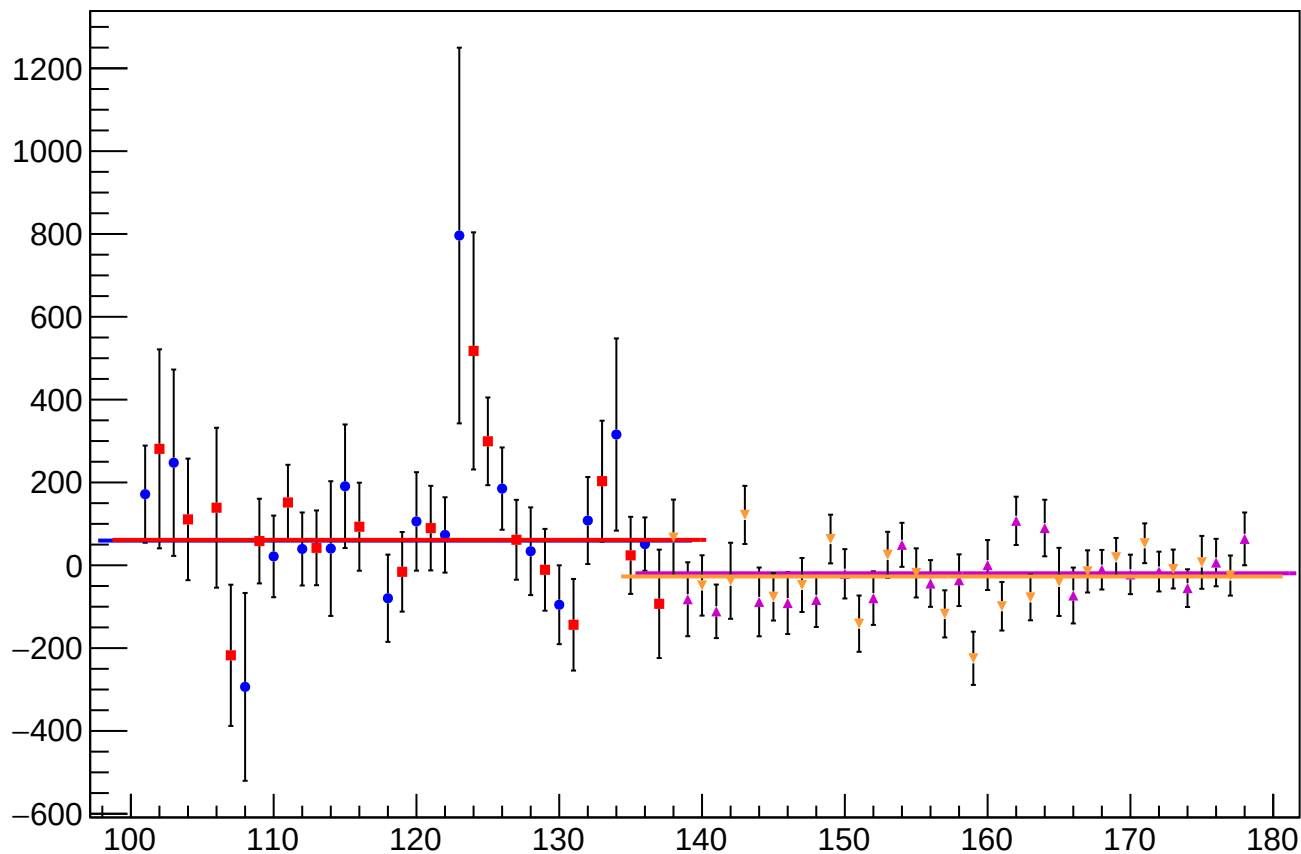
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1698.467+/-0.260 χ^2/NDF : 2024287.3/36

Out: 1705.762+/-0.258 χ^2/NDF : 2338989.3/38

All: 1702.137+/-0.183 χ^2/NDF : 4363672.8/75

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: -26.982 $\pm$ 12.905 χ^2 /NDF:31.2/20

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -19.369 $\pm$ 13.227 χ^2 /NDF:18.5/19

Left: -23.269 $\pm$ 9.237 χ^2 /NDF: 49.8/40

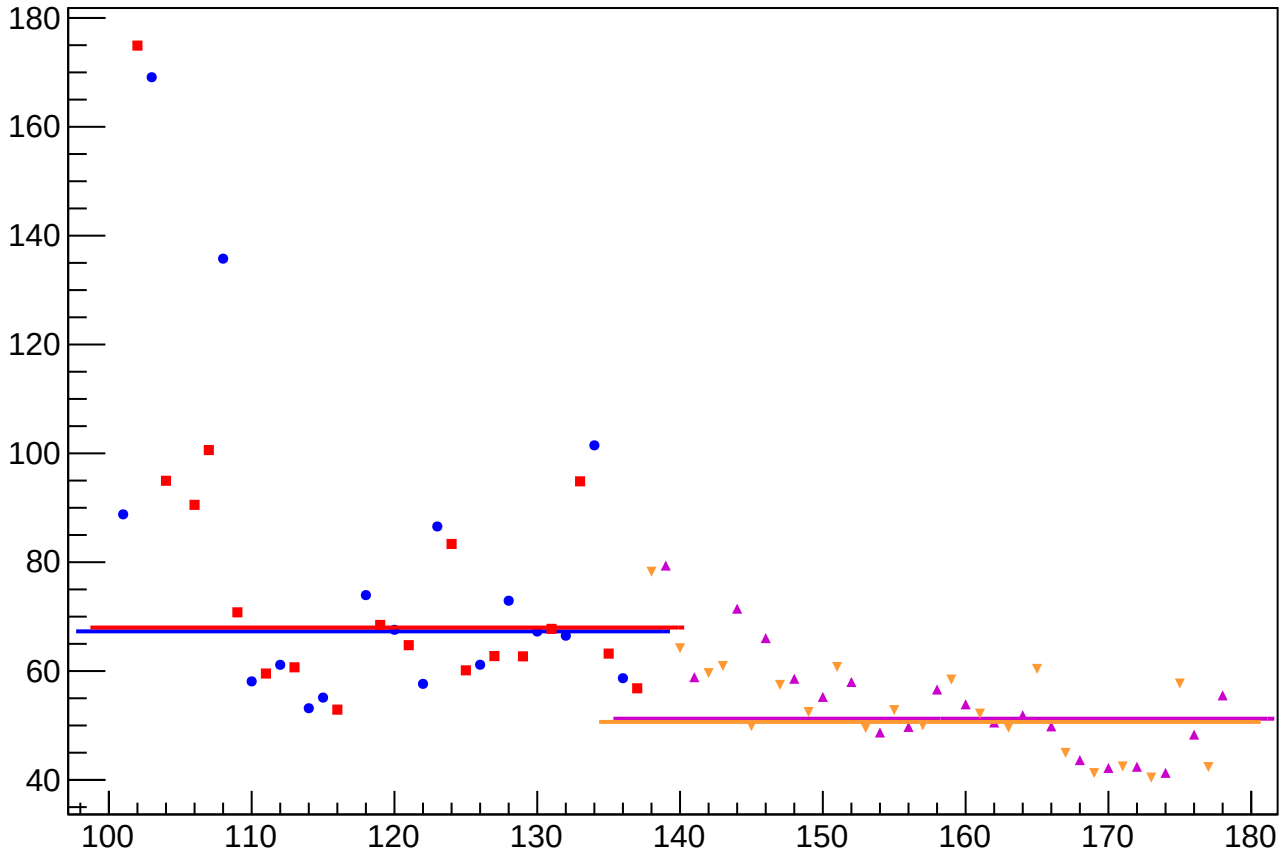
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -4.146 $\pm$ 11.885 χ^2 /NDF:40.7/36

Out: -10.556 $\pm$ 11.645 χ^2 /NDF:59.6/38

All: -7.417 $\pm$ 8.318 χ^2 /NDF: 100.4/75

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 50.654 $\pm$ 0.009 χ^2 /NDF: 785479.7/20

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.246 $\pm$ 0.009 χ^2 /NDF: 805438.0/19

Left: 50.943 $\pm$ 0.007 χ^2 /NDF: 1592971.6/40

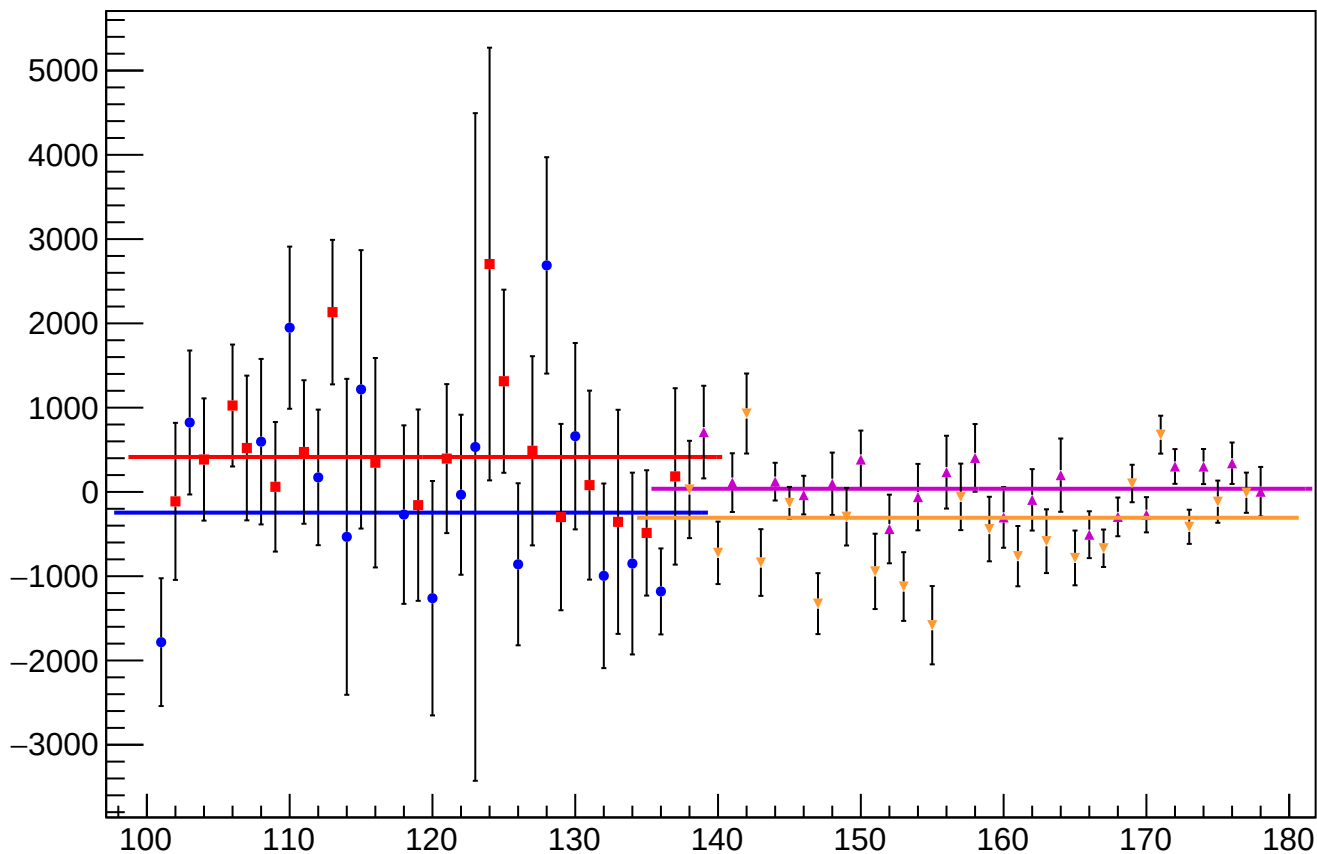
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.338 $\pm$ 0.008 χ^2 /NDF: 2214071.3/36

Out: 53.878 $\pm$ 0.008 χ^2 /NDF: 2211176.5/38

All: 54.103 $\pm$ 0.006 χ^2 /NDF: 4426779.1/75

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -306.728 ± 65.038 χ^2/NDF : 65.0/20

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 37.510 ± 64.502 χ^2/NDF : 19.4/19

Left: -133.183 ± 45.798 χ^2/NDF : 98.5/40

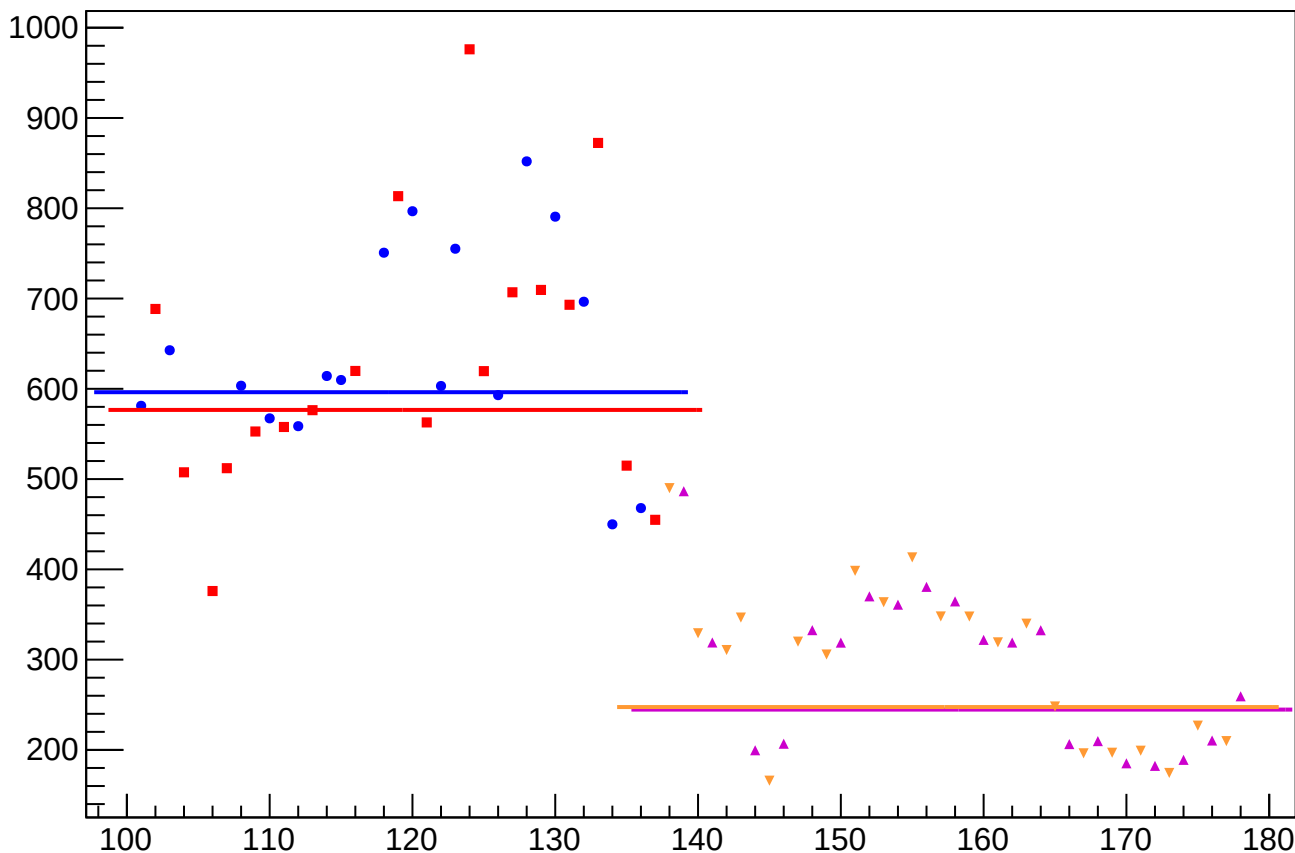
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: 17.737 ± 62.209 χ^2/NDF : 44.5/36

Out: -250.072 ± 62.433 χ^2/NDF : 84.0/38

All: -115.687 ± 44.067 χ^2/NDF : 137.8/75

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.472+/-0.046 χ^2/NDF : 2854897.3/20

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 244.658+/-0.046 χ^2/NDF : 2432542.9/19

Left: 246.053+/-0.032 χ^2/NDF : 5289327.5/40

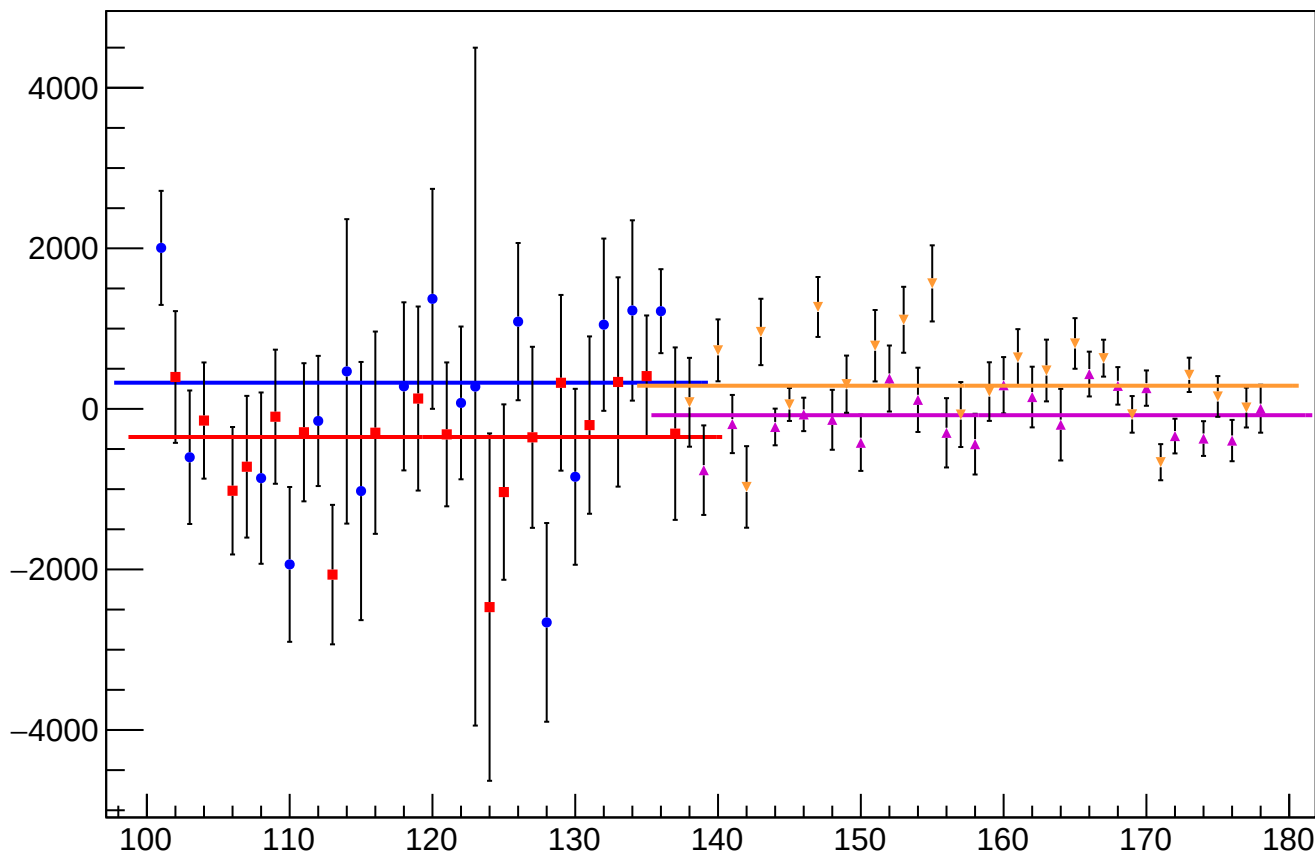
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 269.211+/-0.044 χ^2/NDF : 7004521.1/36

Out: 273.319+/-0.044 χ^2/NDF : 7451043.2/38

All: 271.258+/-0.031 χ^2/NDF : 14459910.3/75

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 288.602 $\pm$ 66.847 χ^2 /NDF:60.2/20

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -78.724 $\pm$ 65.392 χ^2 /NDF:20.2/19

Left: 100.897 $\pm$ 46.745 χ^2 /NDF: 95.8/40

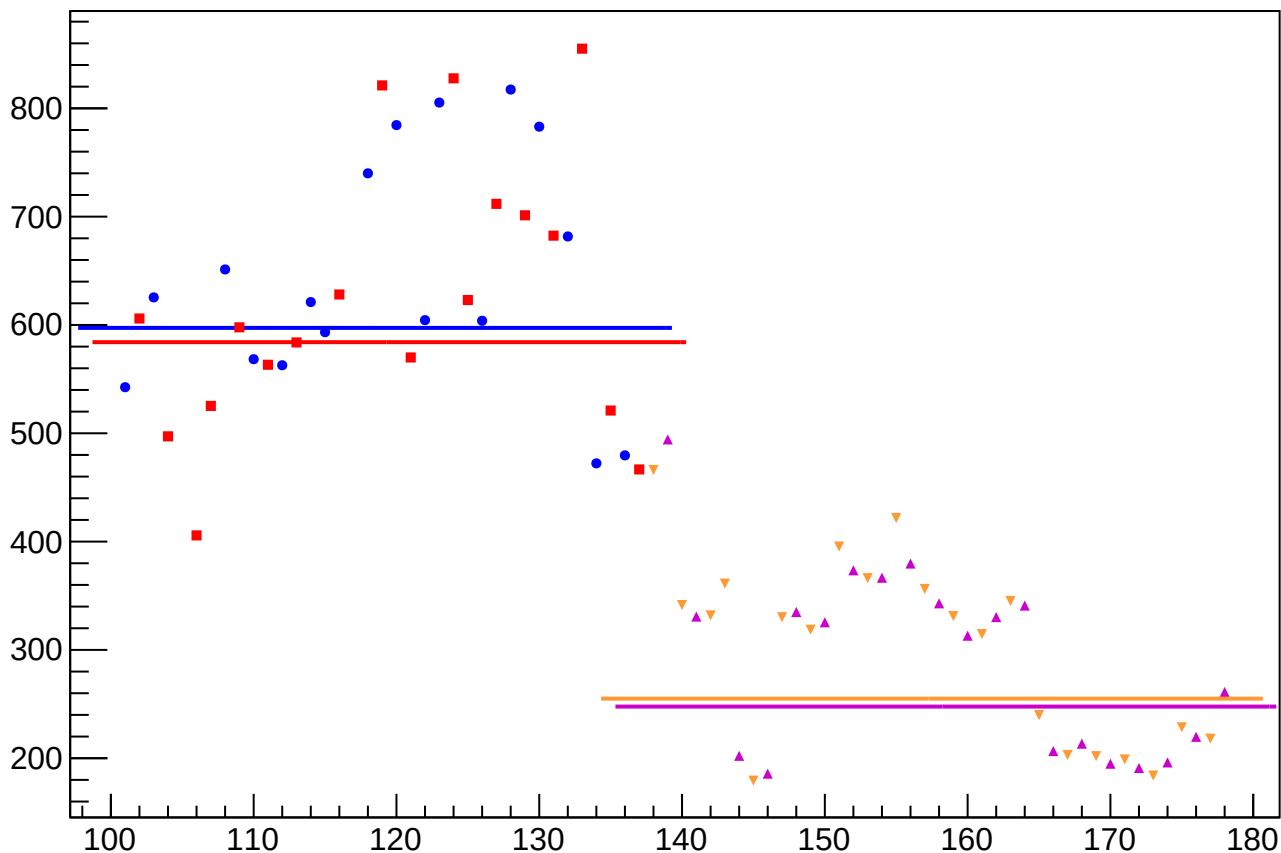
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -49.770 $\pm$ 63.010 χ^2 /NDF:49.8/36

Out: 236.882 $\pm$ 64.085 χ^2 /NDF:76.6/38

All: 91.132 $\pm$ 44.930 χ^2 /NDF: 136.6/75

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.017 $\pm$ 0.047 χ^2 /NDF:2583800.4/20

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.685 $\pm$ 0.046 χ^2 /NDF:2370324.8/19

Left: 251.270 $\pm$ 0.033 χ^2 /NDF: 4966418.0/40

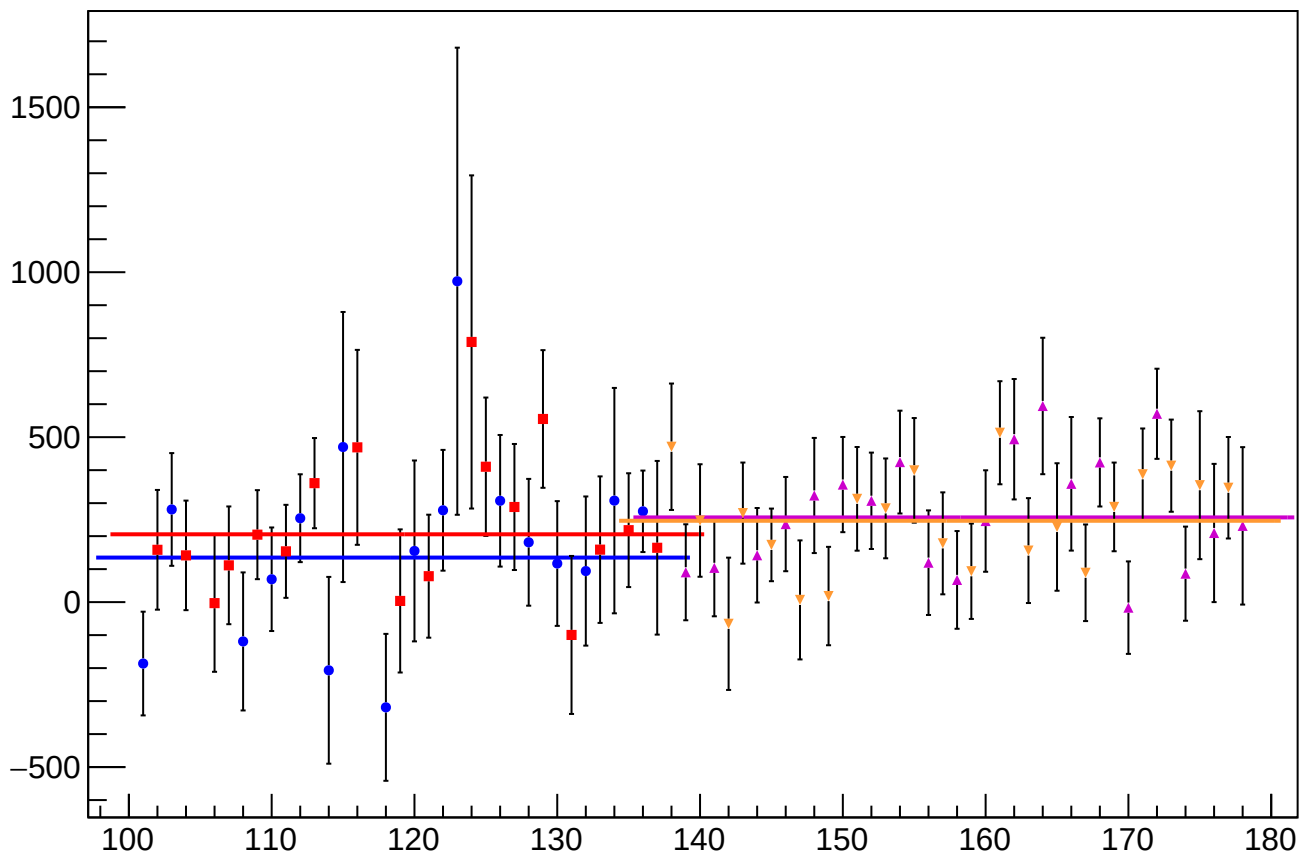
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 272.692 $\pm$ 0.045 χ^2 /NDF:6823062.8/36

Out: 281.654 $\pm$ 0.045 χ^2 /NDF:6954163.5/38

All: 277.097 $\pm$ 0.032 χ^2 /NDF: 13797112.3/75

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 246.583 $\pm$ 33.795 χ^2 /NDF:18.5/20

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 256.750 $\pm$ 35.013 χ^2 /NDF:24.1/19

Left: 251.487 $\pm$ 24.316 χ^2 /NDF: 42.6/40

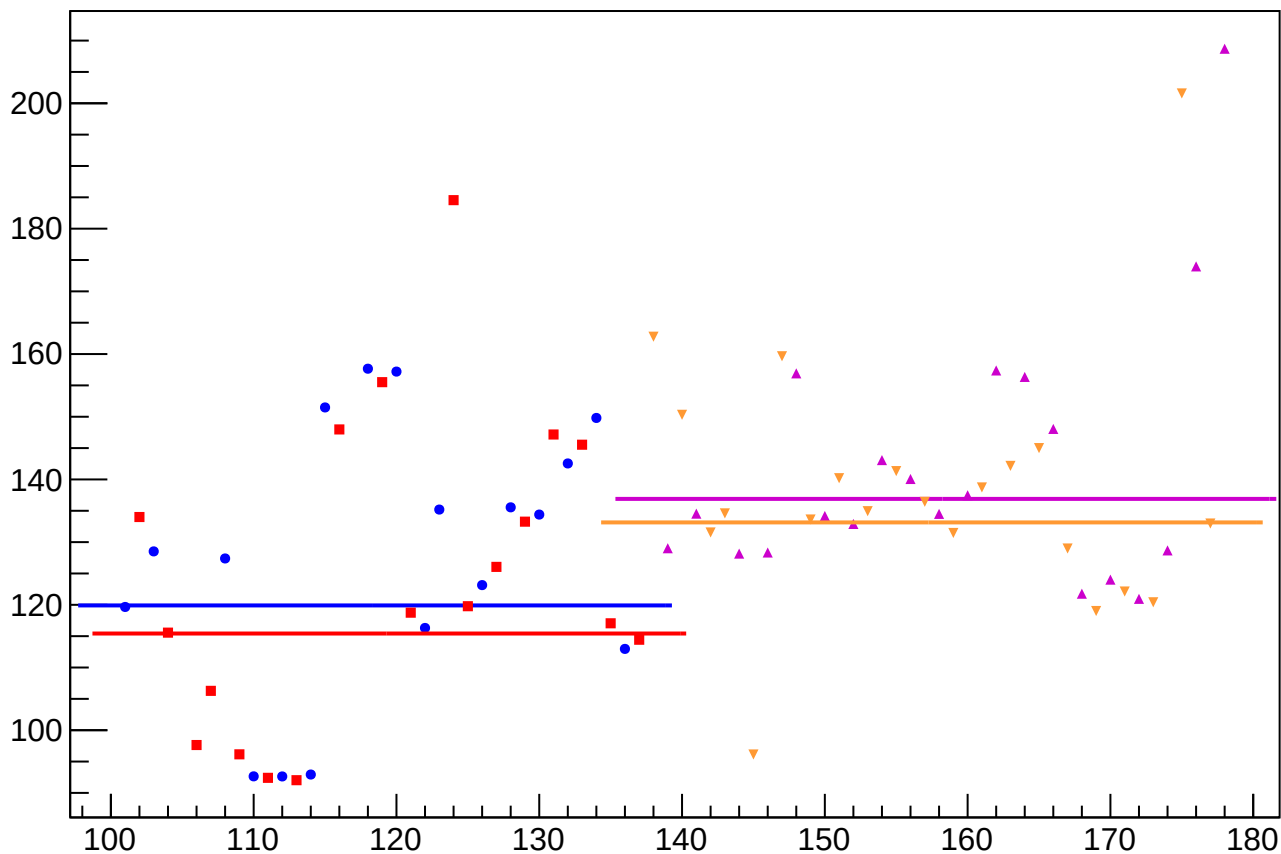
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 213.338 $\pm$ 28.083 χ^2 /NDF:46.5/36

Out: 231.604 $\pm$ 26.921 χ^2 /NDF:31.0/38

All: 222.857 $\pm$ 19.434 χ^2 /NDF: 77.7/75

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 133.145+/-0.024 χ^2/NDF : 604254.7/20

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 136.896+/-0.025 χ^2/NDF : 423165.9/19

Left: 134.954+/-0.017 χ^2/NDF : 1039305.7/40

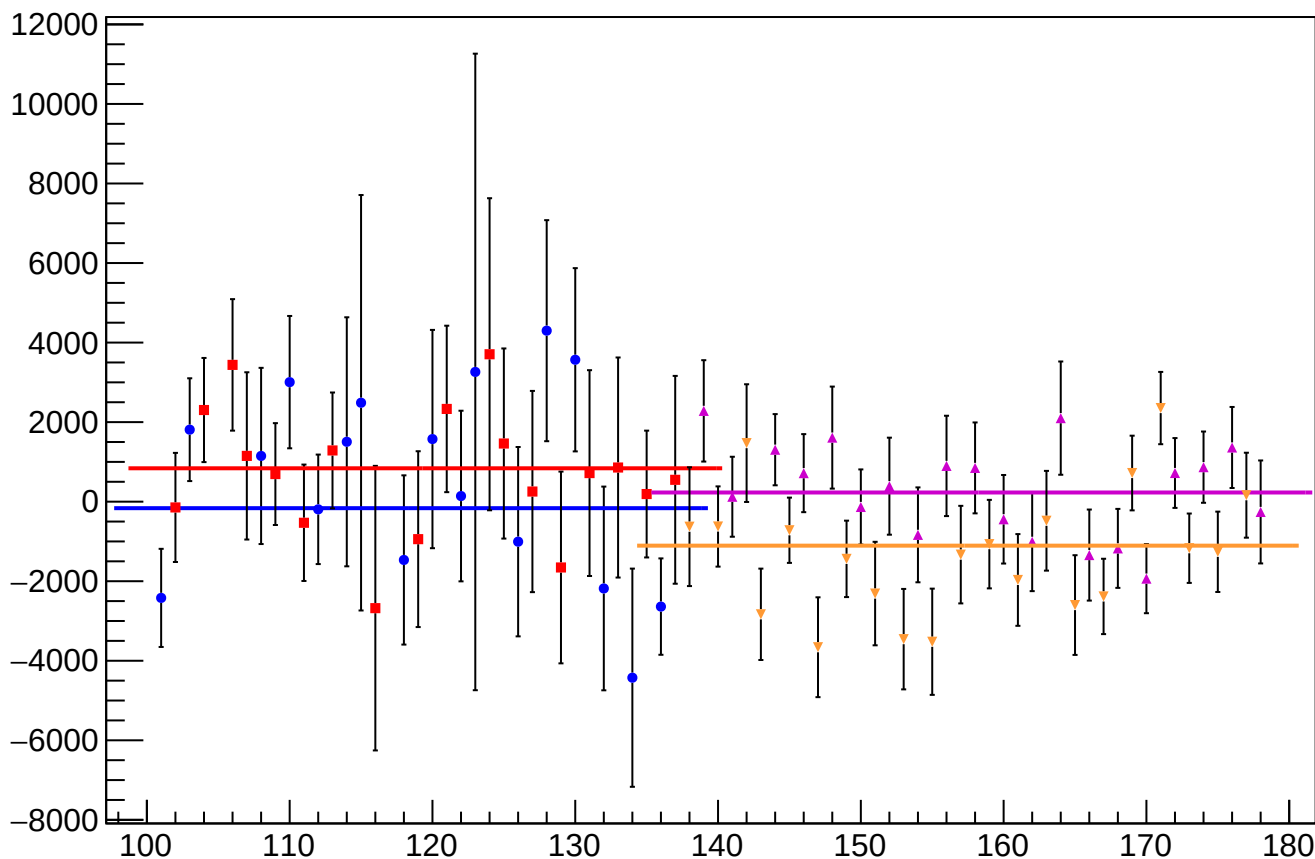
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 130.836+/-0.020 χ^2/NDF : 936691.1/36

Out: 126.669+/-0.019 χ^2/NDF : 1223343.7/38

All: 128.664+/-0.014 χ^2/NDF : 2182978.1/75

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1105.827+/-237.325 χ^2/NDF : 41.5/20

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 230.609+/-238.736 χ^2/NDF : 22.4/19

Left: -441.569+/-168.311 χ^2/NDF : 79.6/40

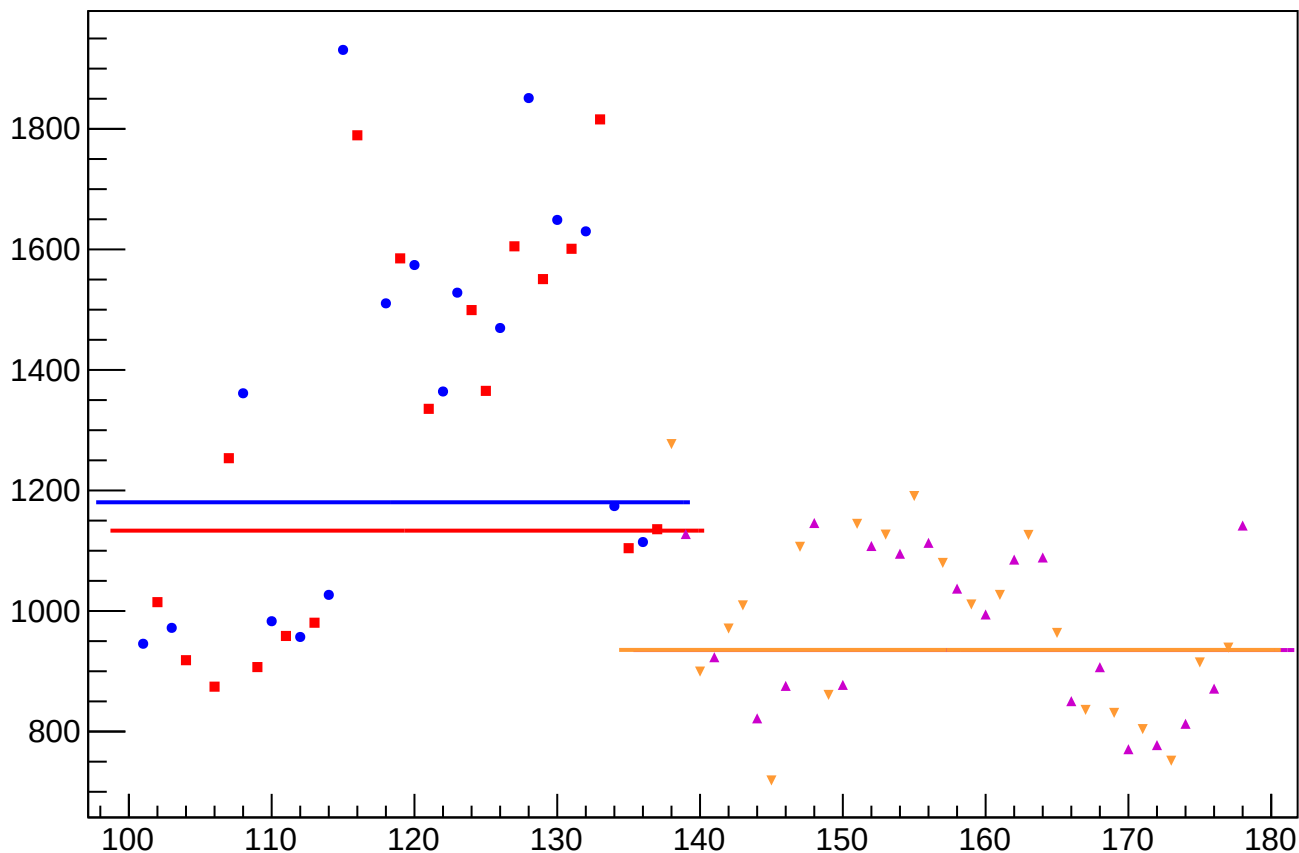
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 149.660+/-212.813 χ^2/NDF : 46.6/36

Out: -668.227+/-208.929 χ^2/NDF : 65.9/38

All: -266.815+/-149.089 χ^2/NDF : 120.0/75

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 935.438 $\pm$ 0.168 χ^2/NDF : 751020.9/20

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 935.196 $\pm$ 0.169 χ^2/NDF : 581634.4/19

Left: 935.318 $\pm$ 0.119 χ^2/NDF : 1332656.3/40

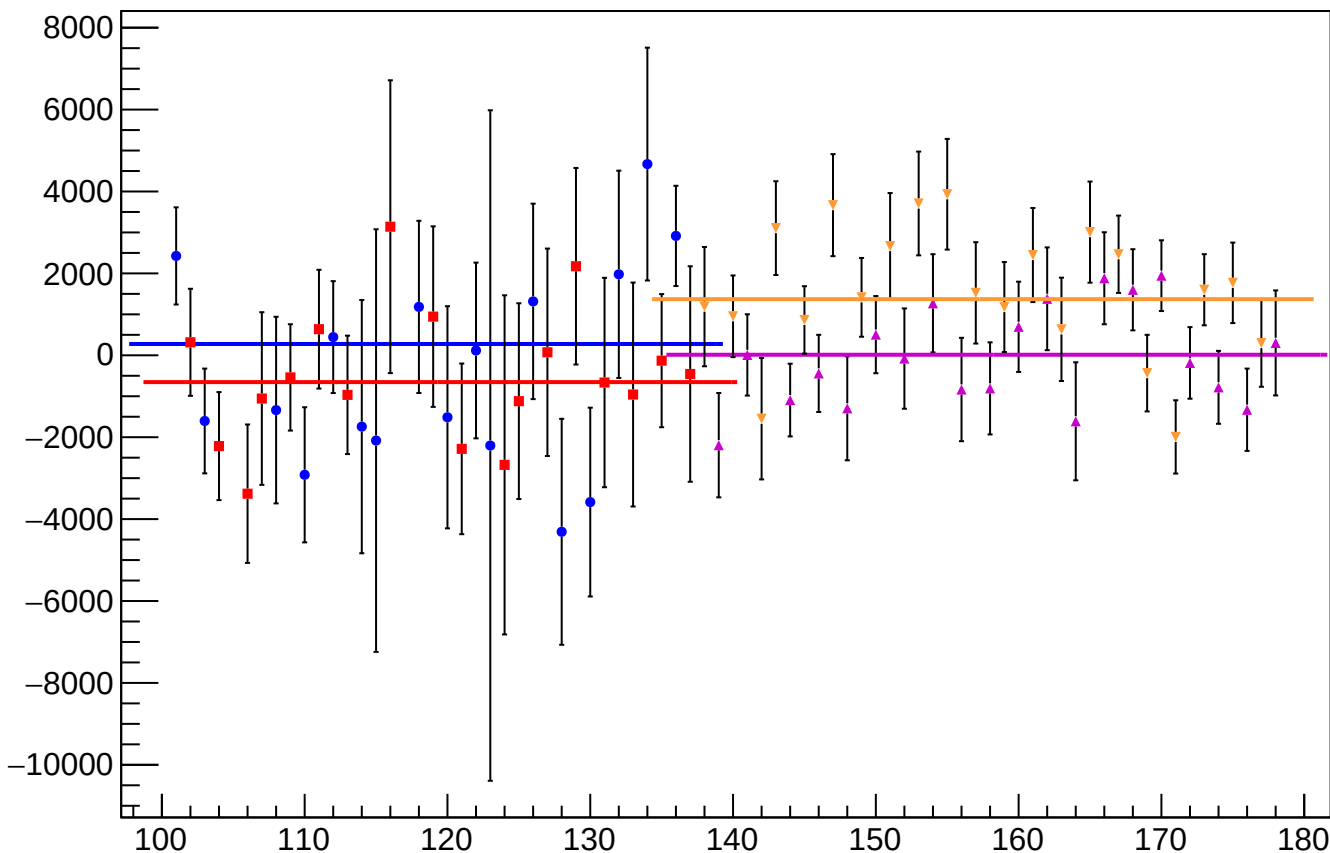
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 985.557 $\pm$ 0.150 χ^2/NDF : 1683804.5/36

Out: 979.964 $\pm$ 0.148 χ^2/NDF : 1824332.9/38

All: 982.709 $\pm$ 0.105 χ^2/NDF : 3508840.6/75

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1371.415+/-236.140 χ^2/NDF :41.6/20

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: 13.437+/-236.936 χ^2/NDF :24.1/19

Left: 694.711+/-167.257 χ^2/NDF : 82.2/40

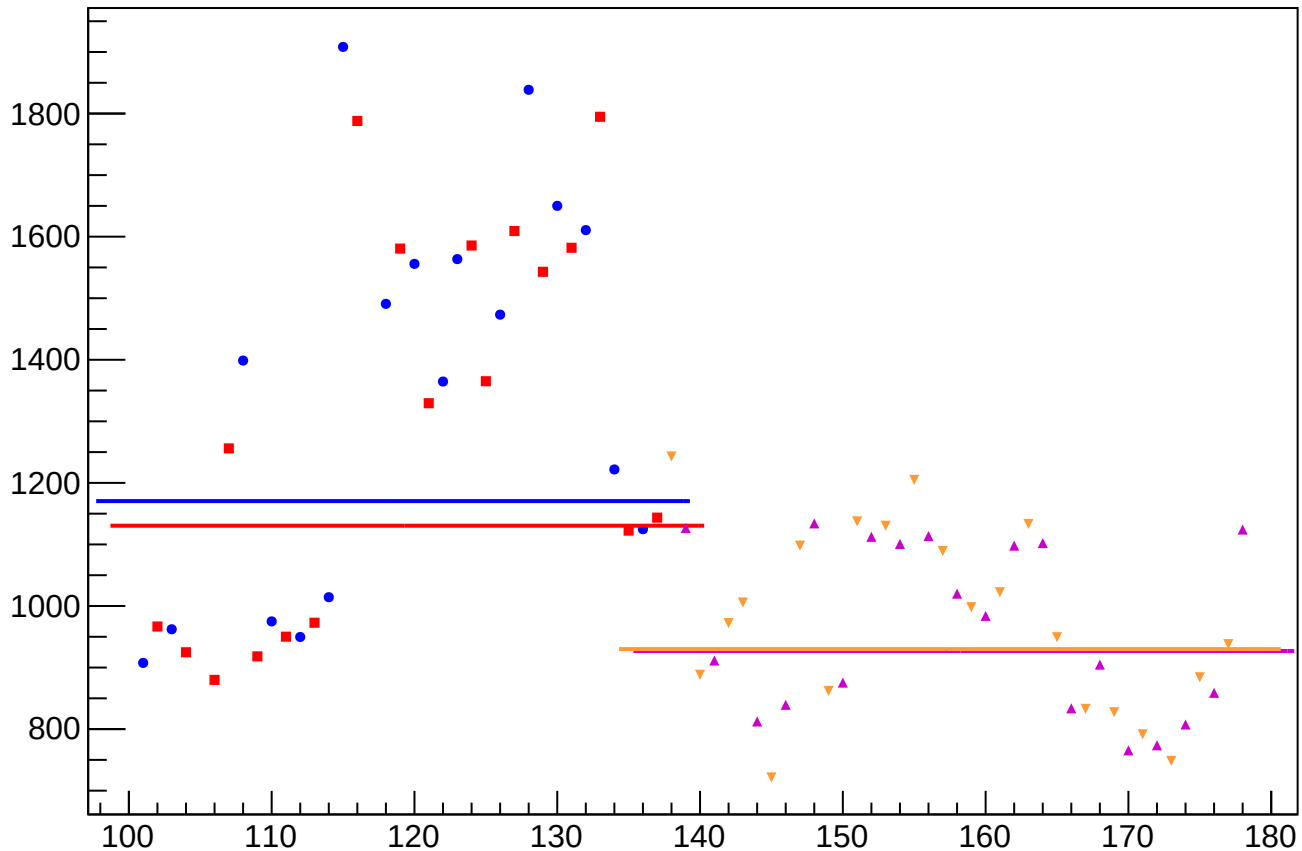
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: 67.380+/-211.243 χ^2/NDF :48.6/36

Out: 918.121+/-208.050 χ^2/NDF :67.7/38

All: 499.229+/-148.230 χ^2/NDF : 124.5/75

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 929.959 $\pm$ 0.167 χ^2/NDF : 755766.5/20

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 926.842 $\pm$ 0.168 χ^2/NDF : 615539.5/19

Left: 928.406 $\pm$ 0.118 χ^2/NDF : 1371479.6/40

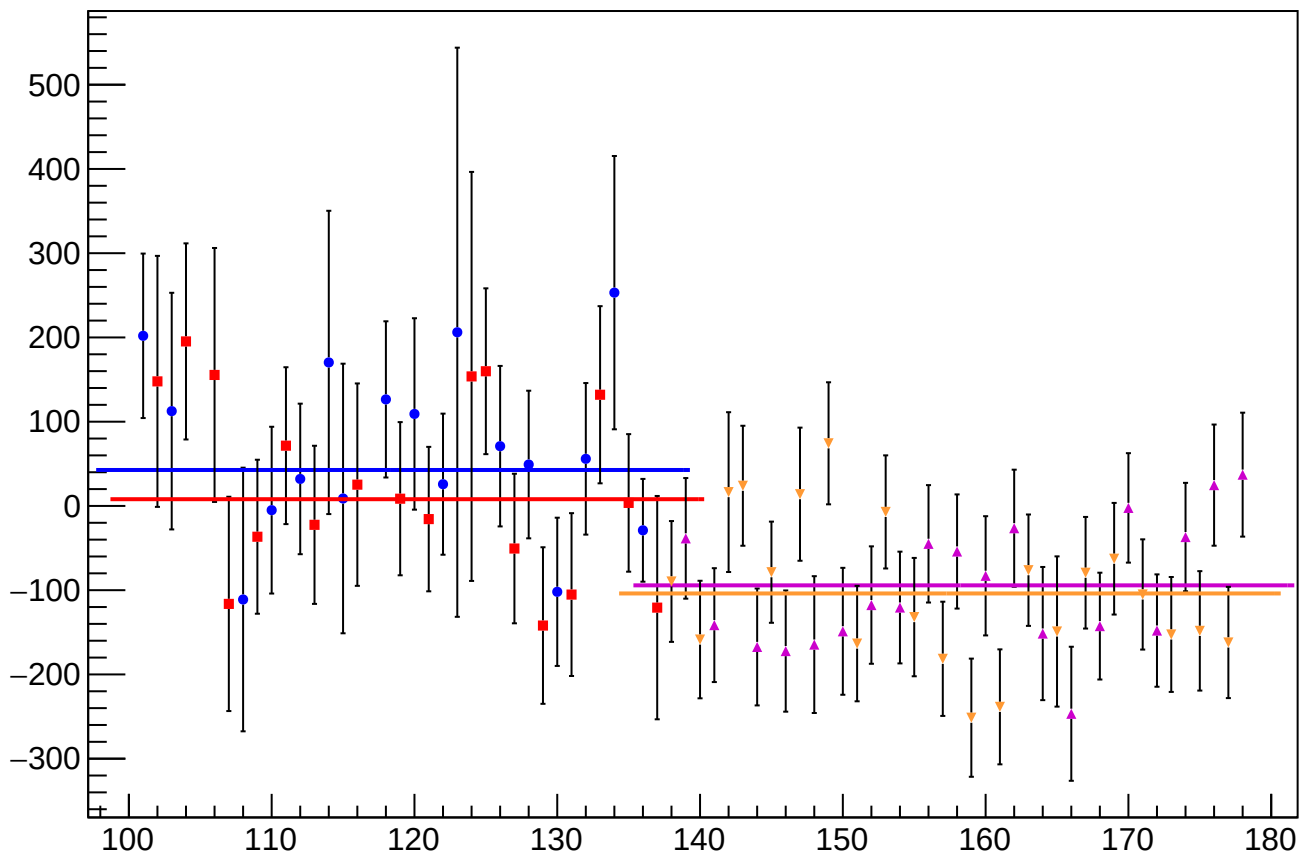
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 976.801 $\pm$ 0.149 χ^2/NDF : 1754528.1/36

Out: 974.822 $\pm$ 0.147 χ^2/NDF : 1841409.9/38

All: 975.796 $\pm$ 0.105 χ^2/NDF : 3596027.1/75

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -103.886 ± 15.256 $\chi^2/\text{NDF}: 29.2/20$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -94.264 ± 15.704 $\chi^2/\text{NDF}: 20.9/19$

Left: -99.214 ± 10.943 $\chi^2/\text{NDF}: 50.3/40$

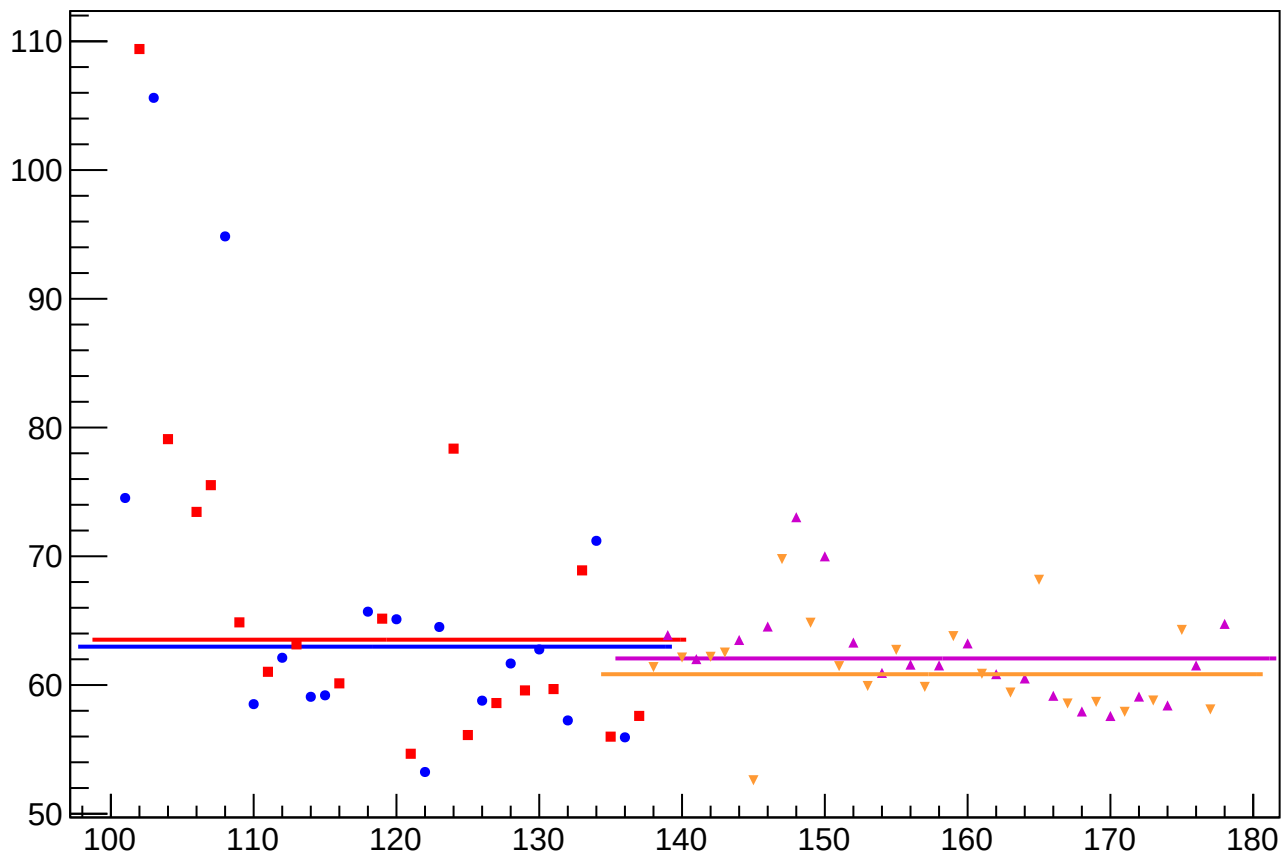
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -54.846 ± 13.253 $\chi^2/\text{NDF}: 54.8/36$

Out: -72.612 ± 12.949 $\chi^2/\text{NDF}: 60.0/38$

All: -63.935 ± 9.262 $\chi^2/\text{NDF}: 115.7/75$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 60.840 ± 0.011 $\chi^2/\text{NDF}: 110481.8/20$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 62.065 ± 0.011 $\chi^2/\text{NDF}: 100276.3/19$

Left: 61.434 ± 0.008 $\chi^2/\text{NDF}: 217021.4/40$

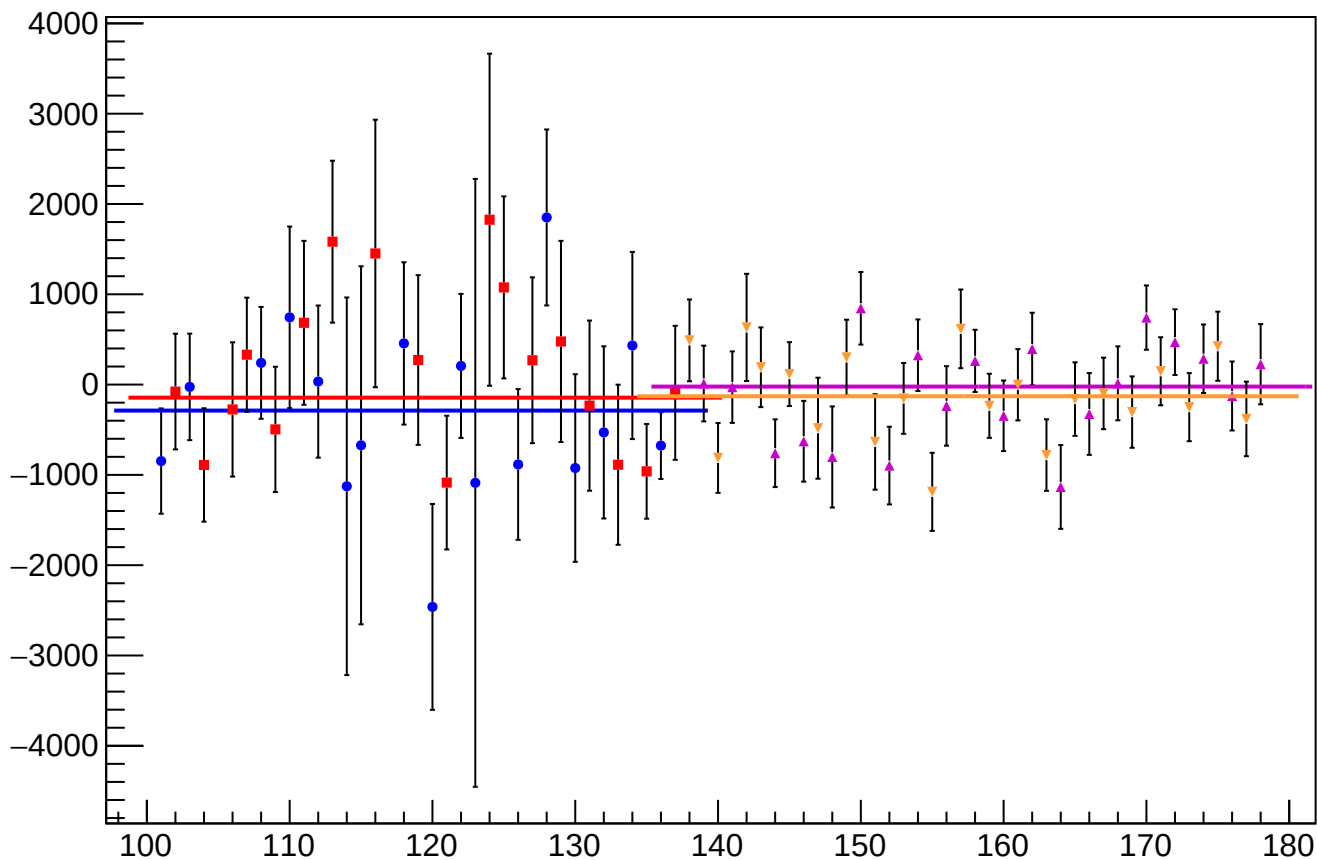
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.328 ± 0.009 $\chi^2/\text{NDF}: 477495.3/36$

Out: 61.589 ± 0.009 $\chi^2/\text{NDF}: 463198.9/38$

All: 61.950 ± 0.007 $\chi^2/\text{NDF}: 943874.2/75$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -129.187 ± 90.000 $\chi^2/\text{NDF}: 25.2/20$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -22.159 ± 90.722 $\chi^2/\text{NDF}: 33.6/19$

Left: -76.101 ± 63.894 $\chi^2/\text{NDF}: 59.4/40$

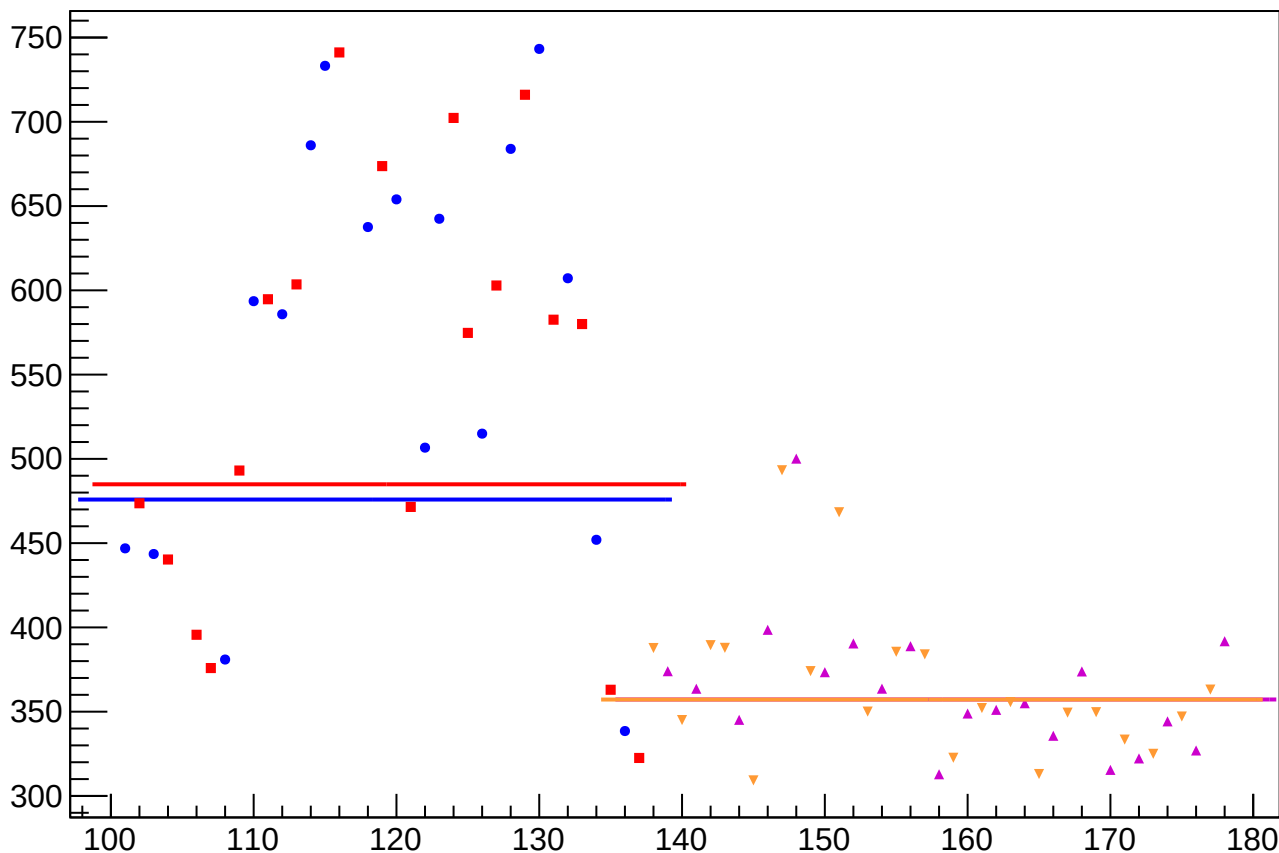
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -71.504 ± 81.859 $\chi^2/\text{NDF}: 50.5/36$

Out: -132.071 ± 81.160 $\chi^2/\text{NDF}: 41.2/38$

All: -102.048 ± 57.634 $\chi^2/\text{NDF}: 92.0/75$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 357.199 $\pm$ 0.064 χ^2 /NDF: 358971.5/20

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 357.235 $\pm$ 0.064 χ^2 /NDF: 294721.0/19

Left: 357.217 $\pm$ 0.045 χ^2 /NDF: 653692.6/40

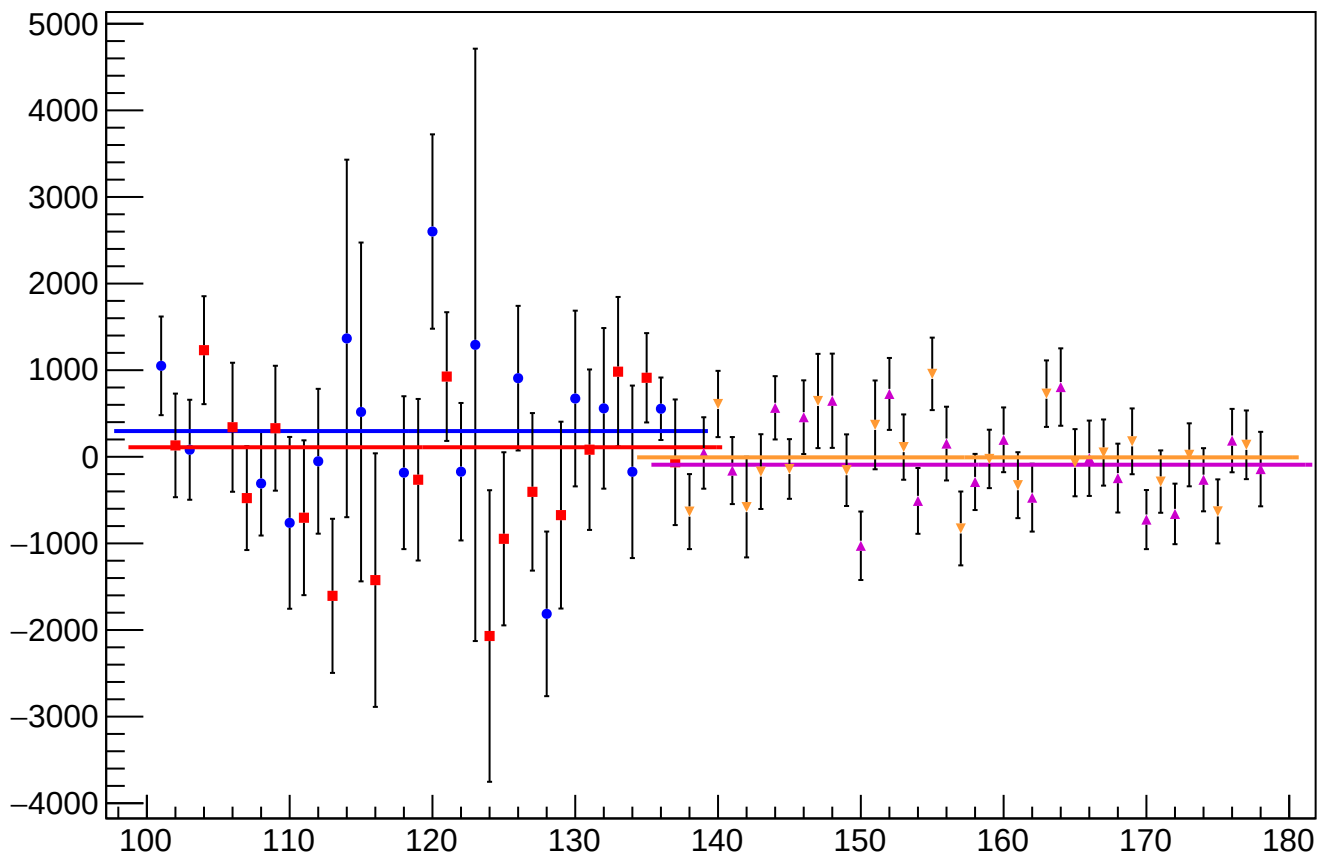
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 379.282 $\pm$ 0.058 χ^2 /NDF: 1768118.5/36

Out: 381.057 $\pm$ 0.057 χ^2 /NDF: 1827637.9/38

All: 380.177 $\pm$ 0.041 χ^2 /NDF: 3596230.6/75

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -6.327 ± 87.025 $\chi^2/\text{NDF}: 25.4/20$

Right Out: 110.141 ± 184.400 $\chi^2/\text{NDF}: 18.5/17$

Left In: -91.561 ± 87.518 $\chi^2/\text{NDF}: 30.9/19$

Left: -48.703 ± 61.709 $\chi^2/\text{NDF}: 56.8/40$

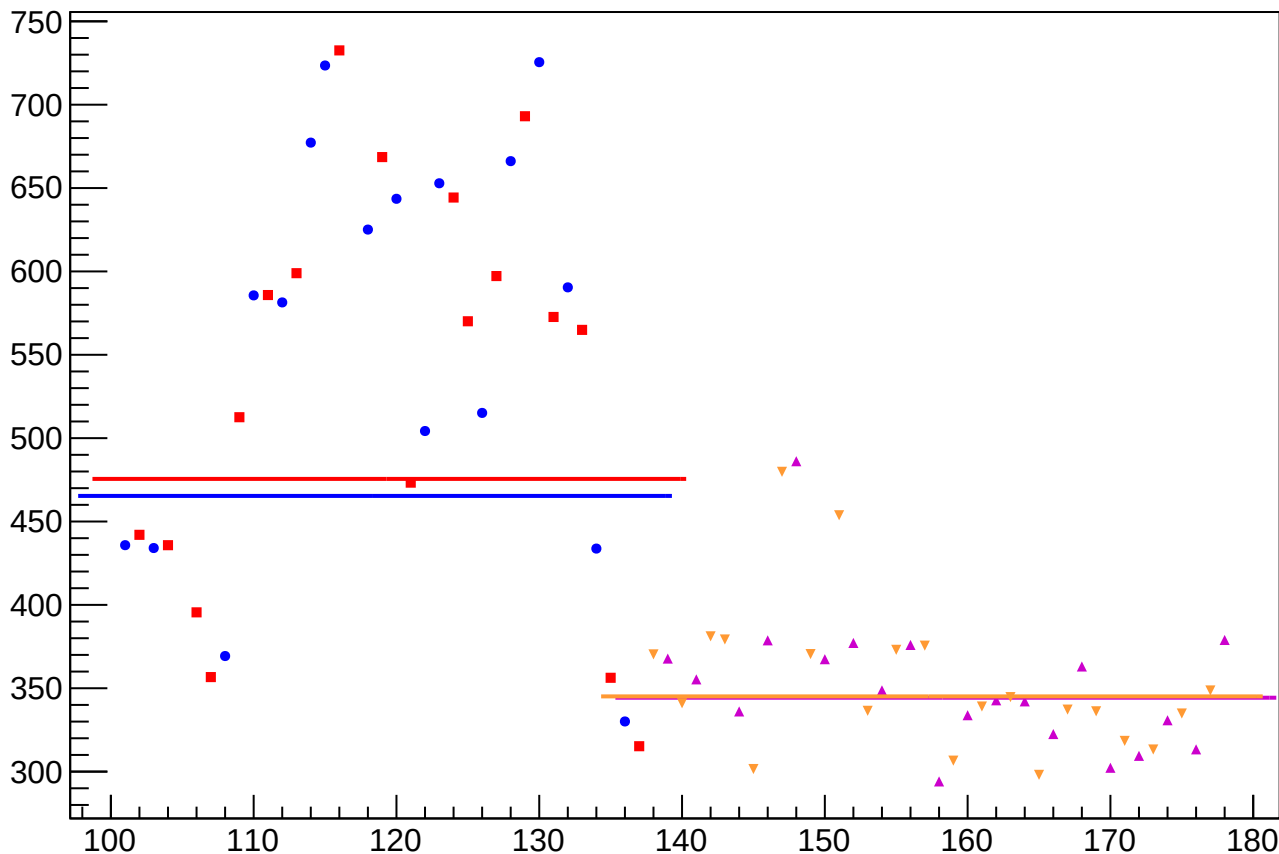
Right: 202.768 ± 130.944 $\chi^2/\text{NDF}: 34.9/34$

In: -21.117 ± 79.188 $\chi^2/\text{NDF}: 50.3/36$

Out: 14.888 ± 78.701 $\chi^2/\text{NDF}: 44.3/38$

All: -3.004 ± 55.821 $\chi^2/\text{NDF}: 94.7/75$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 345.114+/-0.062 χ^2/NDF : 385225.1/20

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 344.322+/-0.062 χ^2/NDF : 328092.9/19

Left: 344.720+/-0.044 χ^2/NDF : 713400.5/40

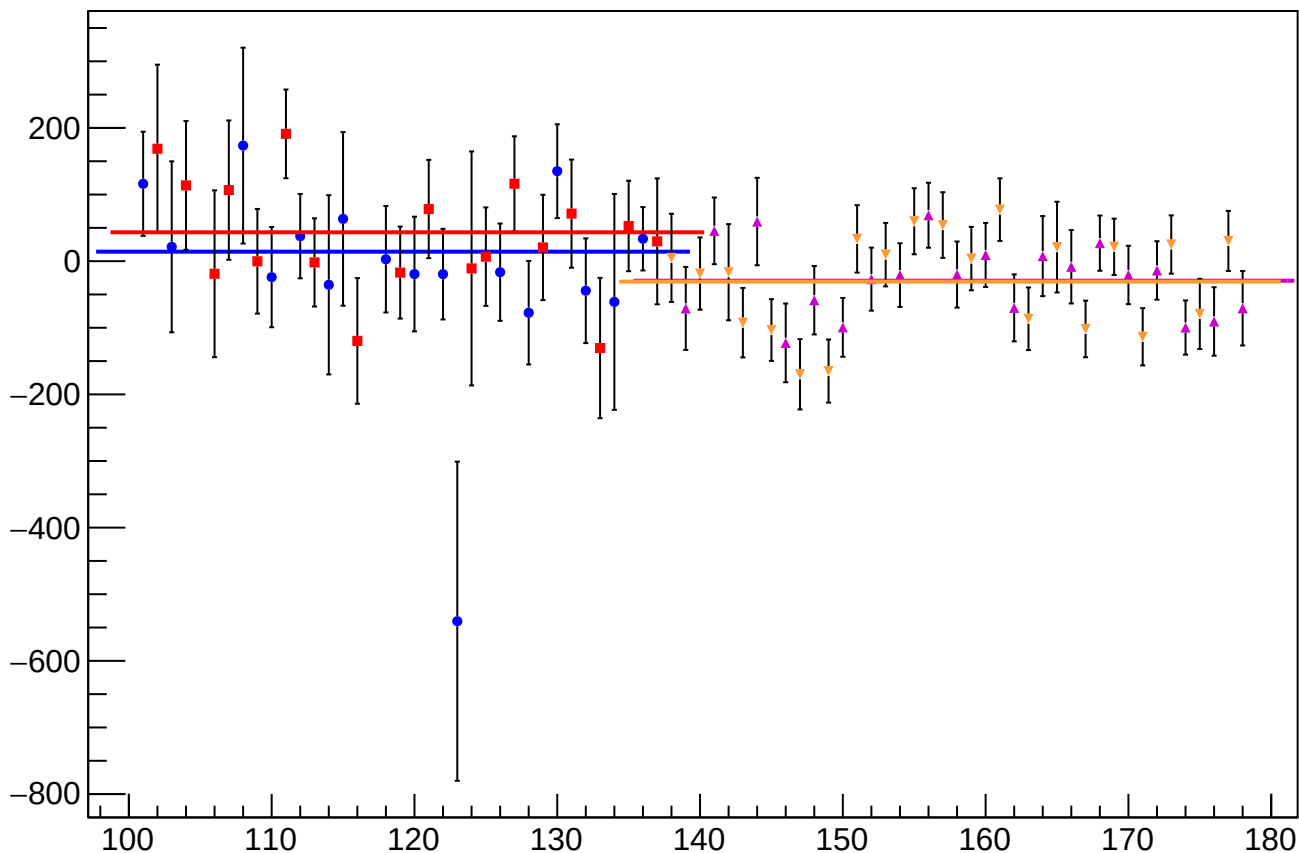
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 366.265+/-0.056 χ^2/NDF : 1882031.5/36

Out: 368.875+/-0.056 χ^2/NDF : 1944602.0/38

All: 367.578+/-0.039 χ^2/NDF : 3827726.3/75

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.723 ± 10.758 $\chi^2/\text{NDF}: 48.0/20$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -29.353 ± 11.085 $\chi^2/\text{NDF}: 22.8/19$

Left: -30.058 ± 7.720 $\chi^2/\text{NDF}: 70.8/40$

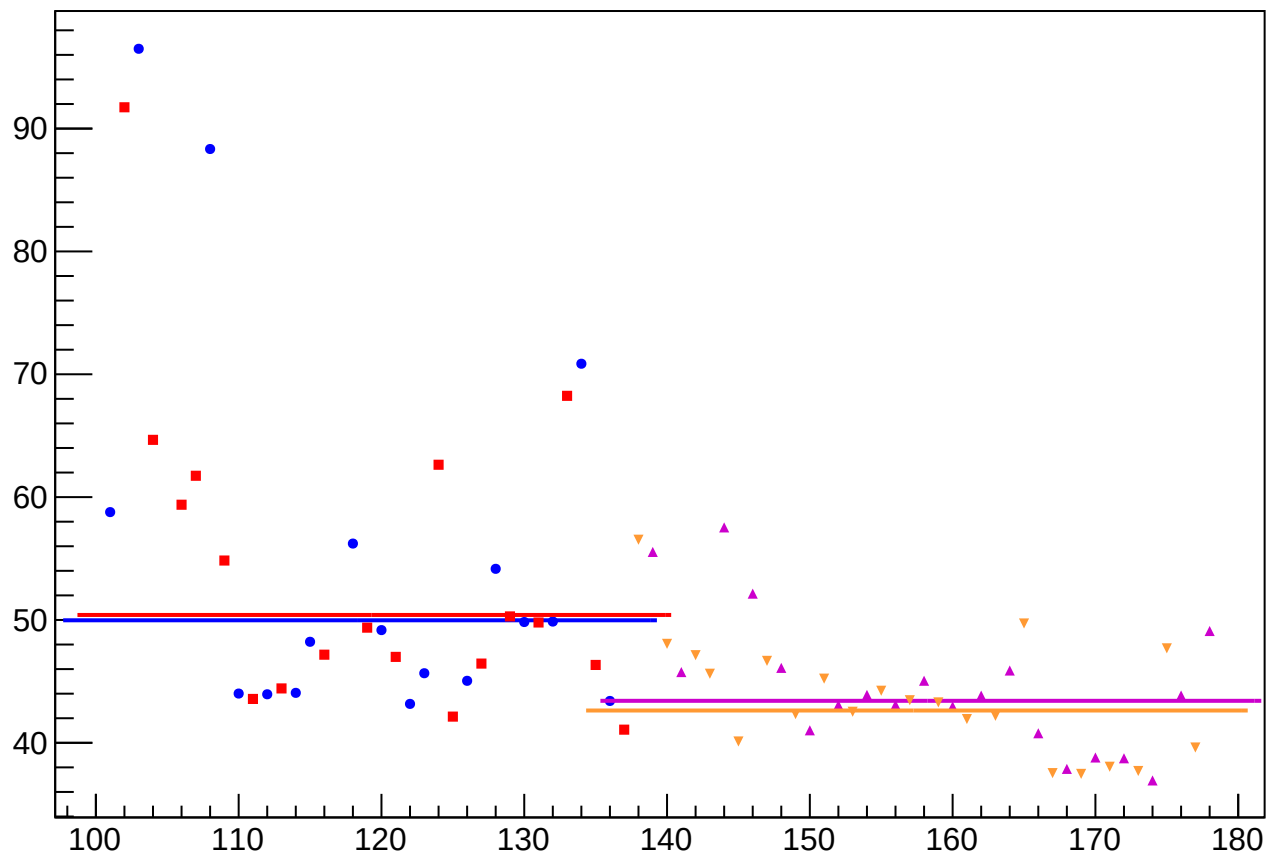
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -19.000 ± 9.680 $\chi^2/\text{NDF}: 41.2/36$

Out: -13.644 ± 9.436 $\chi^2/\text{NDF}: 75.1/38$

All: -16.254 ± 6.757 $\chi^2/\text{NDF}: 116.5/75$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.629 $\pm$ 0.008 χ^2/NDF : 304962.2/20

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.418 $\pm$ 0.008 χ^2/NDF : 390550.0/19

Left: 43.012 $\pm$ 0.005 χ^2/NDF : 700724.4/40

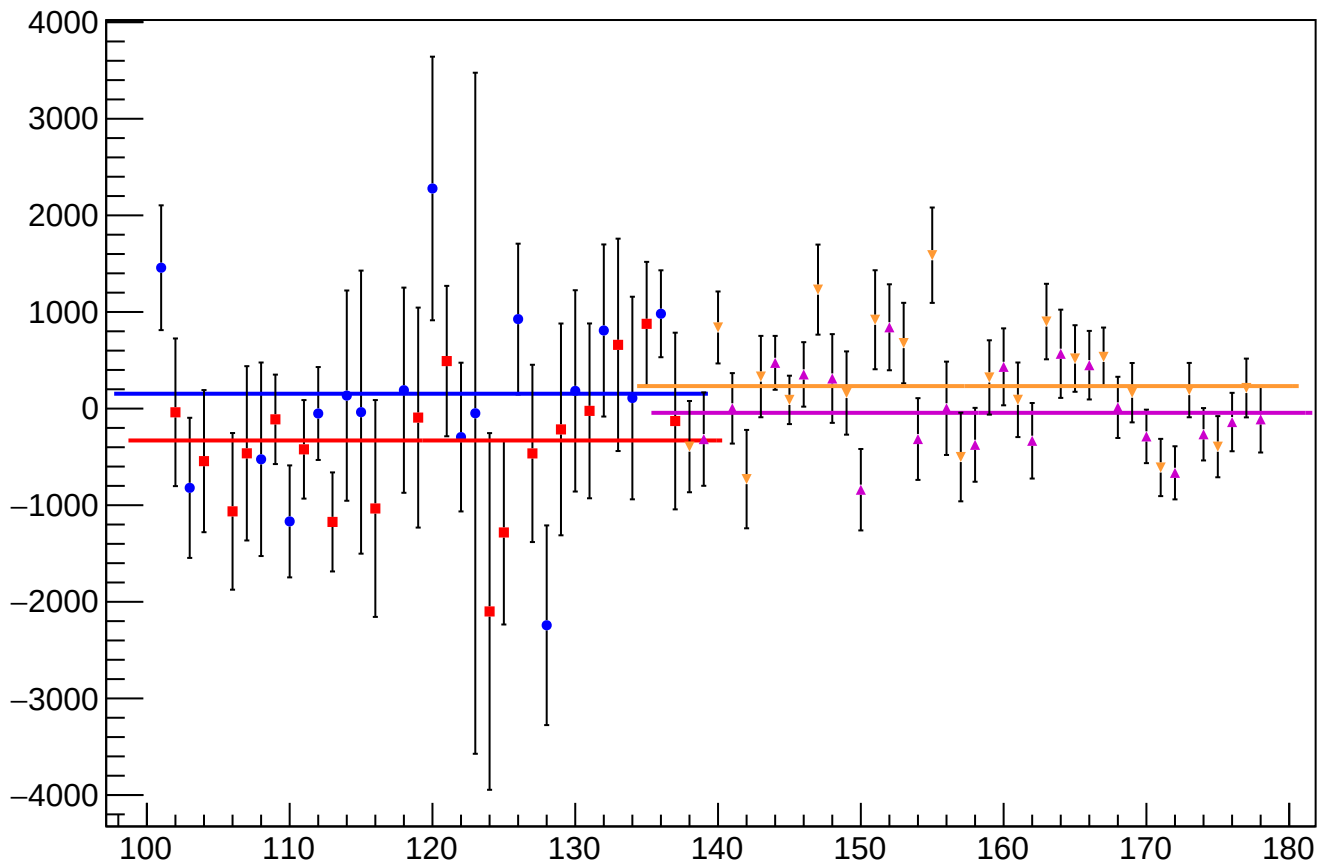
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 44.974 $\pm$ 0.007 χ^2/NDF : 1135345.5/36

Out: 44.423 $\pm$ 0.007 χ^2/NDF : 1013571.7/38

All: 44.692 $\pm$ 0.005 χ^2/NDF : 2152239.2/75

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 232.840 $\pm$ 78.994 χ^2 /NDF:42.9/20

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -43.895 $\pm$ 78.897 χ^2 /NDF:26.9/19

Left: 94.302 $\pm$ 55.823 χ^2 /NDF: 76.0/40

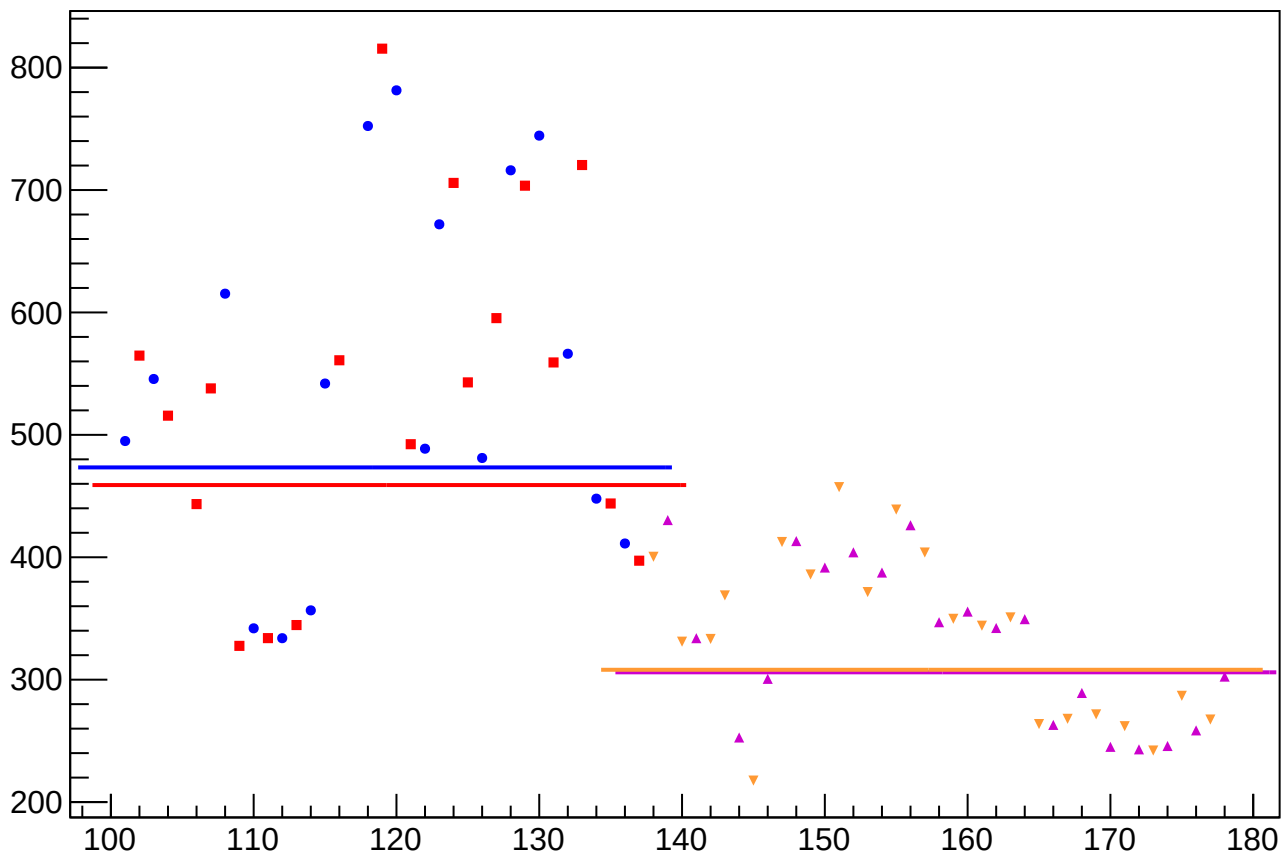
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: -14.804 $\pm$ 72.862 χ^2 /NDF:52.6/36

Out: 141.779 $\pm$ 72.321 χ^2 /NDF:63.2/38

All: 64.071 $\pm$ 51.329 χ^2 /NDF: 118.1/75

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 308.087 $\pm$ 0.056 χ^2 /NDF:1365107.7/20

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 306.009 $\pm$ 0.056 χ^2 /NDF:1177953.4/19

Left: 307.047 $\pm$ 0.039 χ^2 /NDF: 2543754.3/40

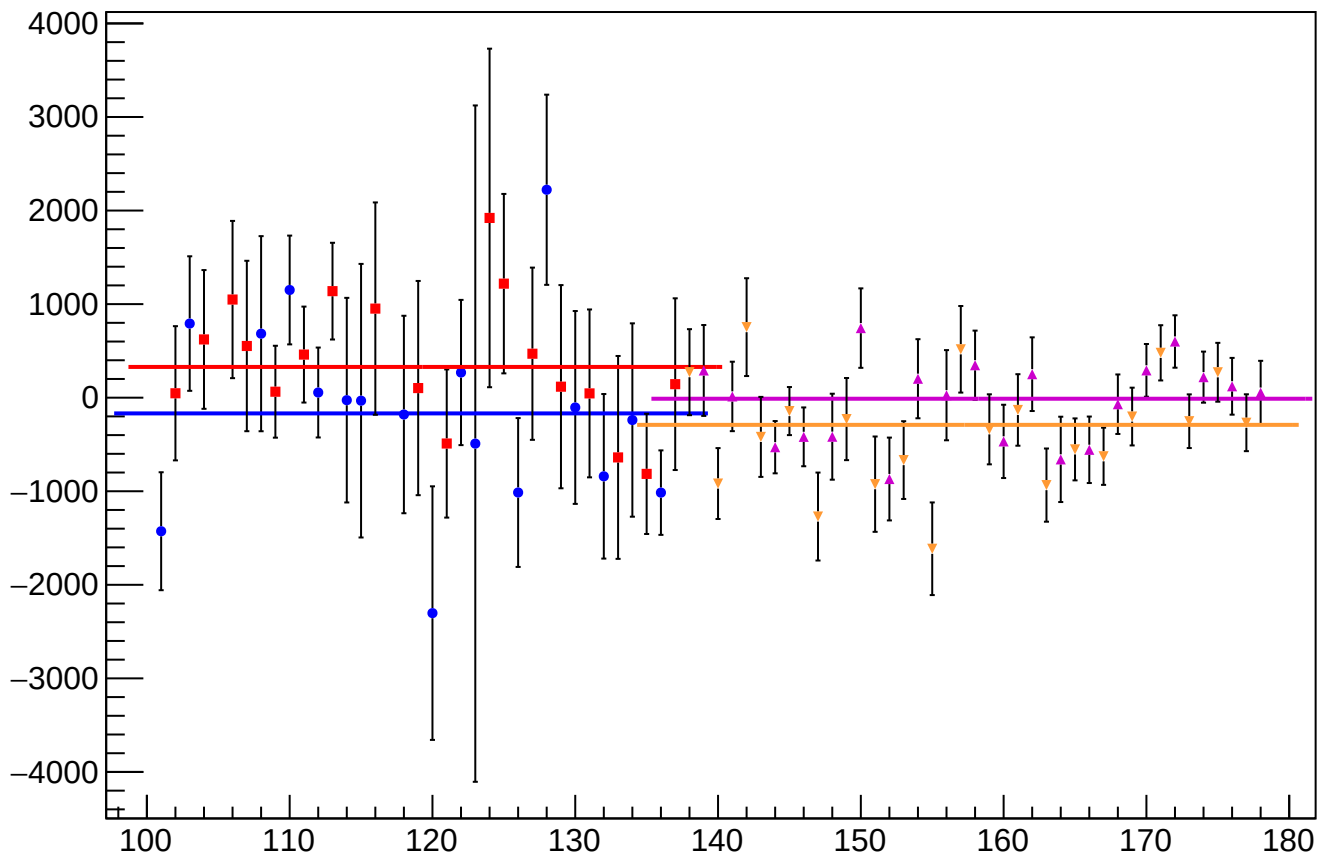
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 330.636 $\pm$ 0.052 χ^2 /NDF:3417463.0/36

Out: 332.503 $\pm$ 0.051 χ^2 /NDF:3552252.2/38

All: 331.577 $\pm$ 0.036 χ^2 /NDF: 6970376.7/75

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -290.451+/-79.178 χ^2/NDF : 40.4/20

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -11.279+/-78.832 χ^2/NDF : 27.5/19

Left: -150.253+/-55.864 χ^2/NDF : 74.2/40

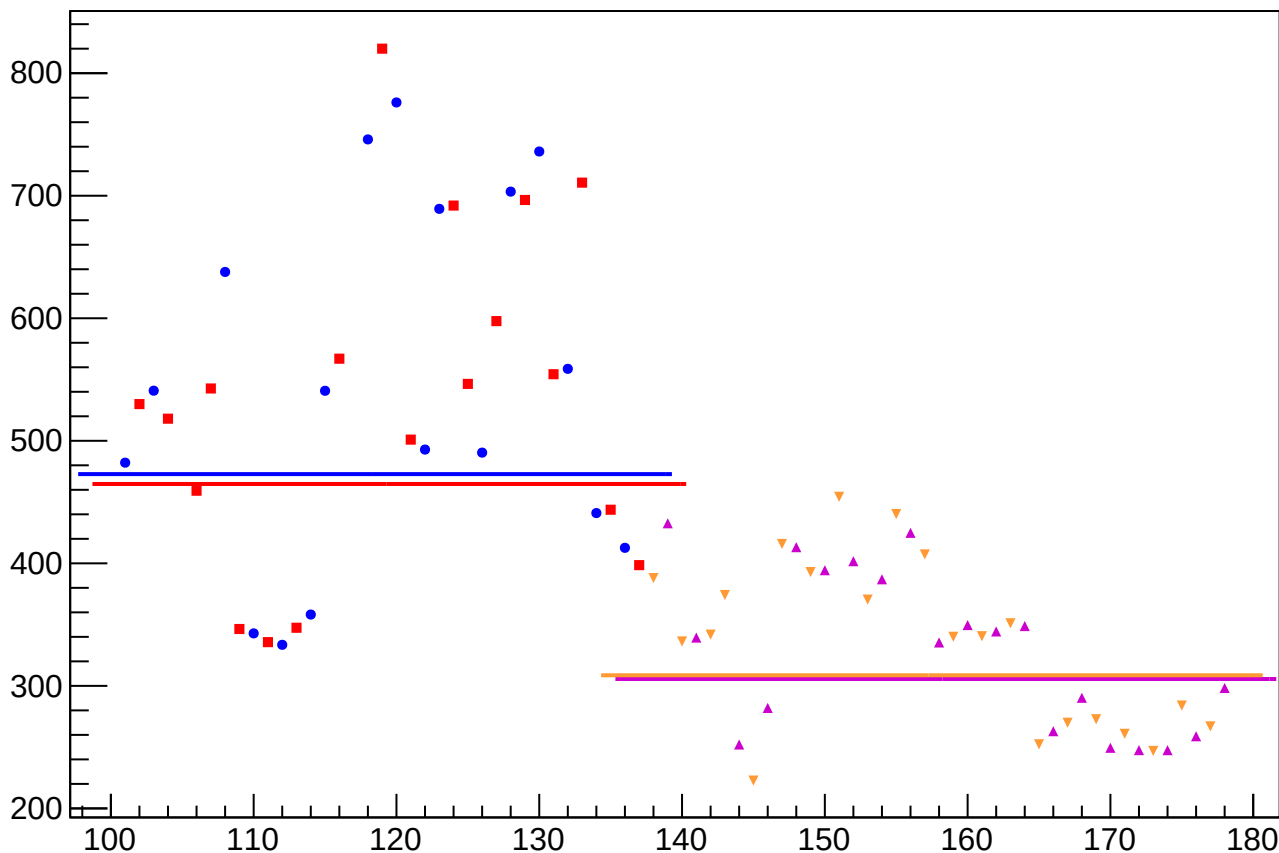
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -34.353+/-72.800 χ^2/NDF : 53.5/36

Out: -191.531+/-72.577 χ^2/NDF : 61.3/38

All: -113.183+/-51.398 χ^2/NDF : 117.1/75

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 308.651 $\pm$ 0.056 χ^2 /NDF:1330024.8/20

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 305.607 $\pm$ 0.056 χ^2 /NDF:1139449.8/19

Left: 307.122 $\pm$ 0.040 χ^2 /NDF: 2470958.7/40

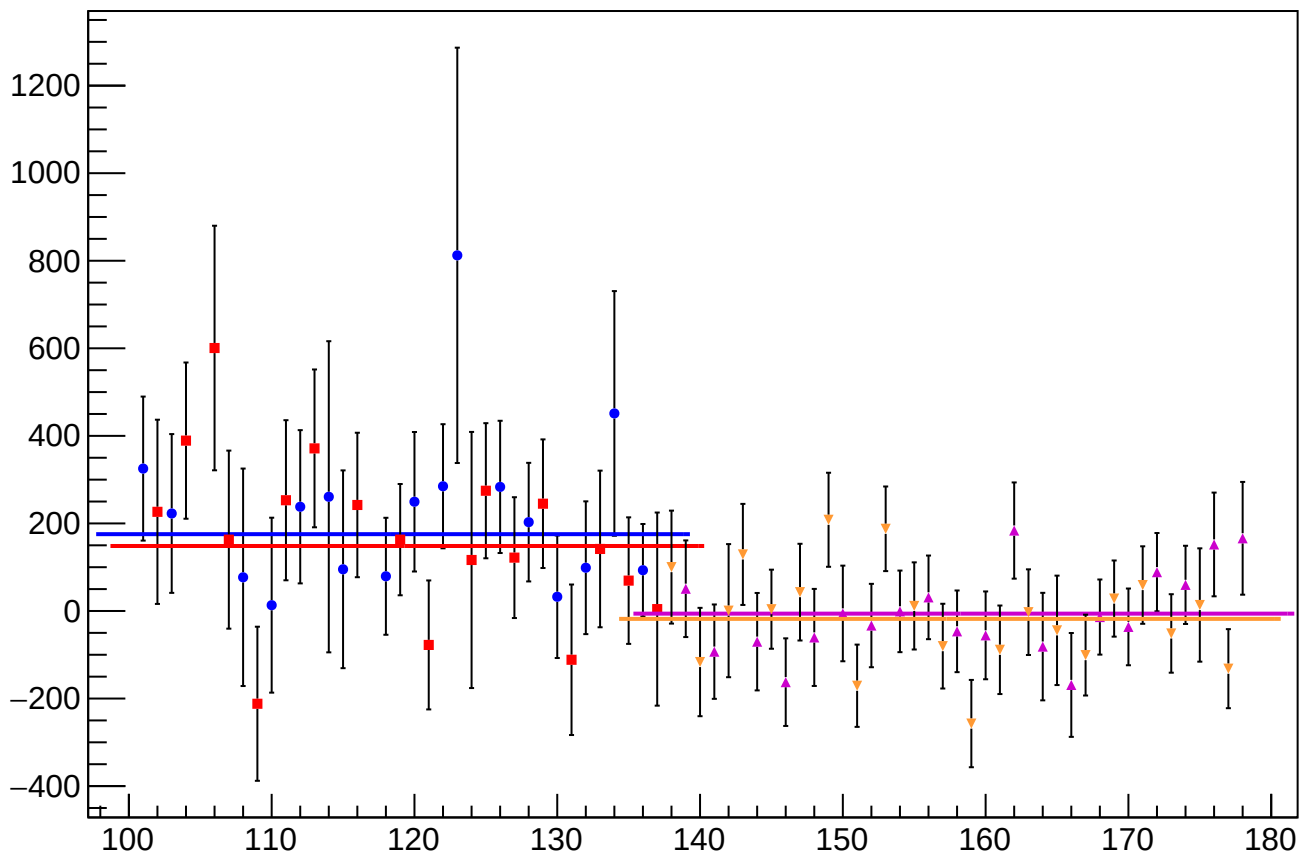
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 330.218 $\pm$ 0.051 χ^2 /NDF:3360234.7/36

Out: 333.596 $\pm$ 0.051 χ^2 /NDF:3487144.4/38

All: 331.912 $\pm$ 0.036 χ^2 /NDF: 6849538.9/75

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -18.040 ± 22.283 $\chi^2/\text{NDF}: 25.5/20$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -6.071 ± 22.754 $\chi^2/\text{NDF}: 15.2/19$

Left: -12.180 ± 15.920 $\chi^2/\text{NDF}: 40.9/40$

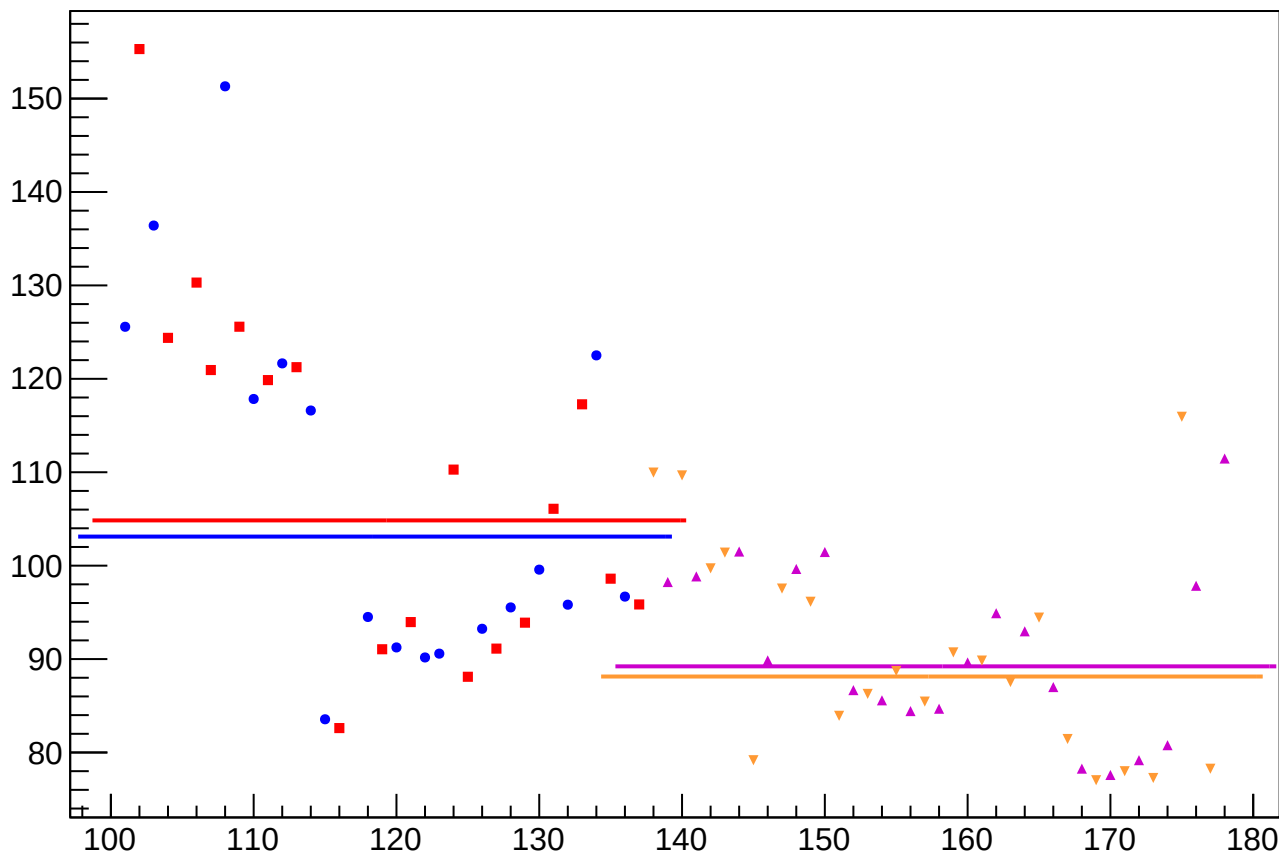
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 37.715 ± 19.821 $\chi^2/\text{NDF}: 39.1/36$

Out: 20.895 ± 19.504 $\chi^2/\text{NDF}: 56.1/38$

All: 29.170 ± 13.902 $\chi^2/\text{NDF}: 95.6/75$

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: 88.132 $\pm$ 0.016 χ^2/NDF : 429483.8/20

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 89.221 $\pm$ 0.016 χ^2/NDF : 299951.7/19

Left: 88.665 $\pm$ 0.011 χ^2/NDF : 731772.3/40

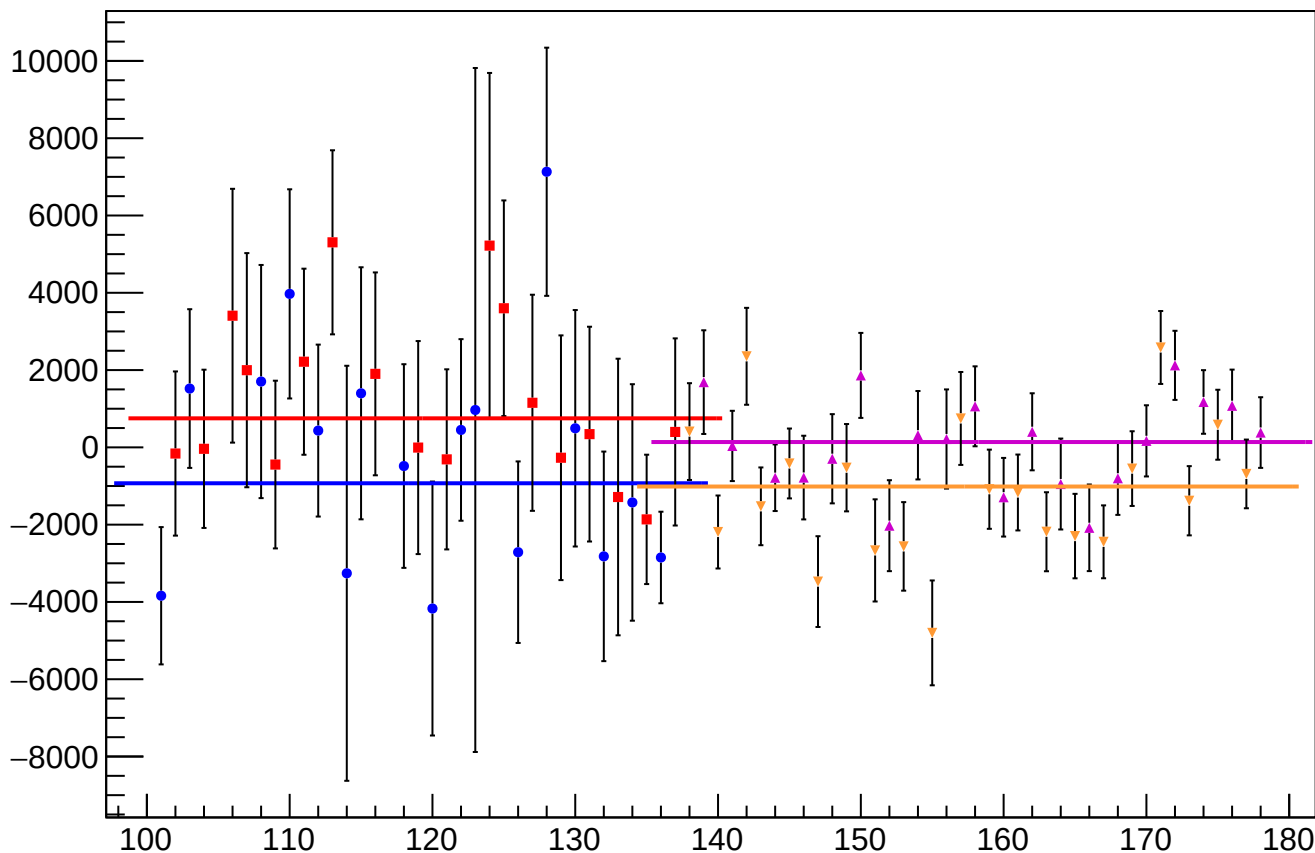
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 92.571 $\pm$ 0.014 χ^2/NDF : 786187.6/36

Out: 92.041 $\pm$ 0.014 χ^2/NDF : 1061239.4/38

All: 92.302 $\pm$ 0.010 χ^2/NDF : 1848155.7/75

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: -1013.295 ± 226.354 $\chi^2/\text{NDF}: 51.9/20$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: 137.924 ± 226.934 $\chi^2/\text{NDF}: 25.4/19$

Left: -439.159 ± 160.261 $\chi^2/\text{NDF}: 90.2/40$

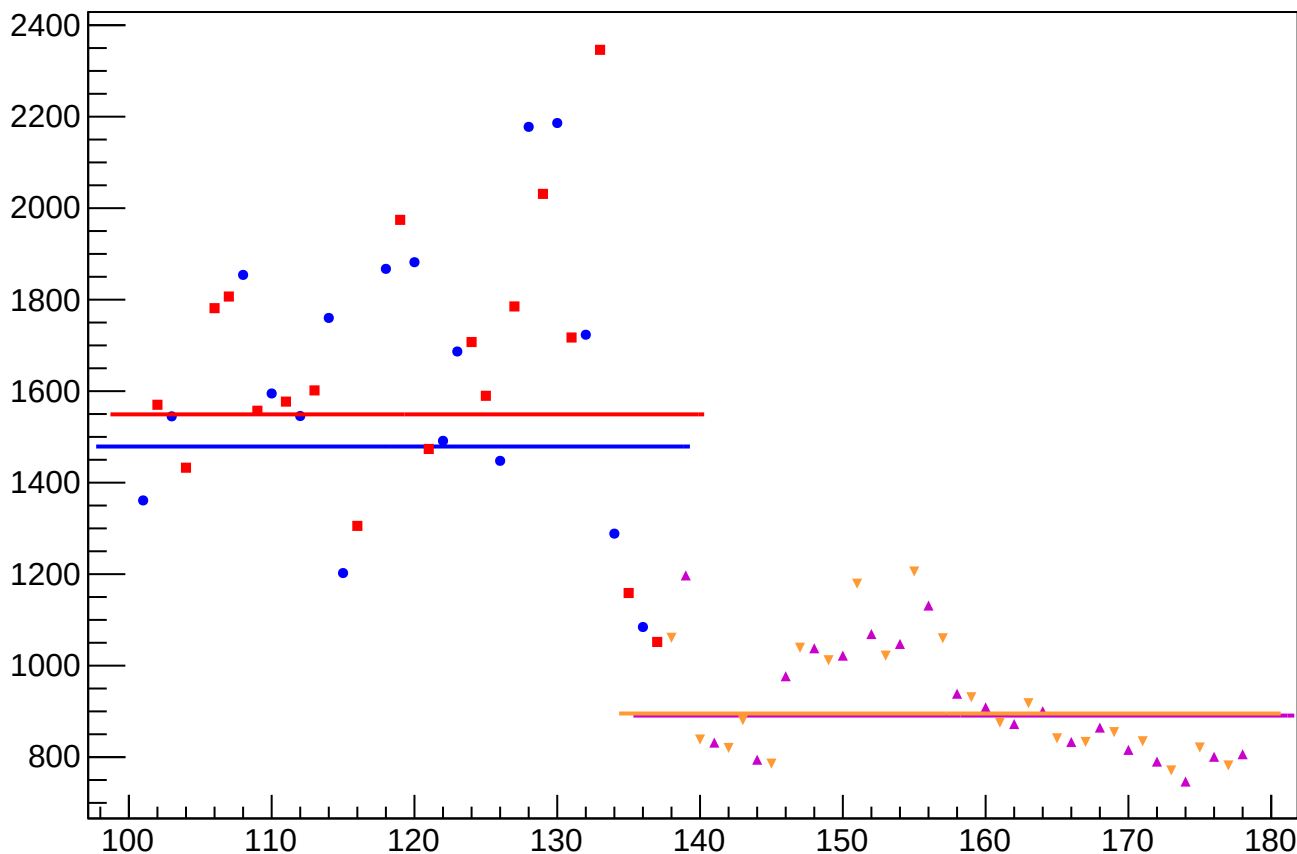
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -0.807 ± 211.665 $\chi^2/\text{NDF}: 49.1/36$

Out: -790.181 ± 211.560 $\chi^2/\text{NDF}: 70.5/38$

All: -395.691 ± 149.633 $\chi^2/\text{NDF}: 126.6/75$

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: 895.391+/-0.160 χ^2/NDF : 503346.3/20

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 890.859+/-0.160 χ^2/NDF : 512977.3/19

Left: 893.131+/-0.113 χ^2/NDF : 1016723.4/40

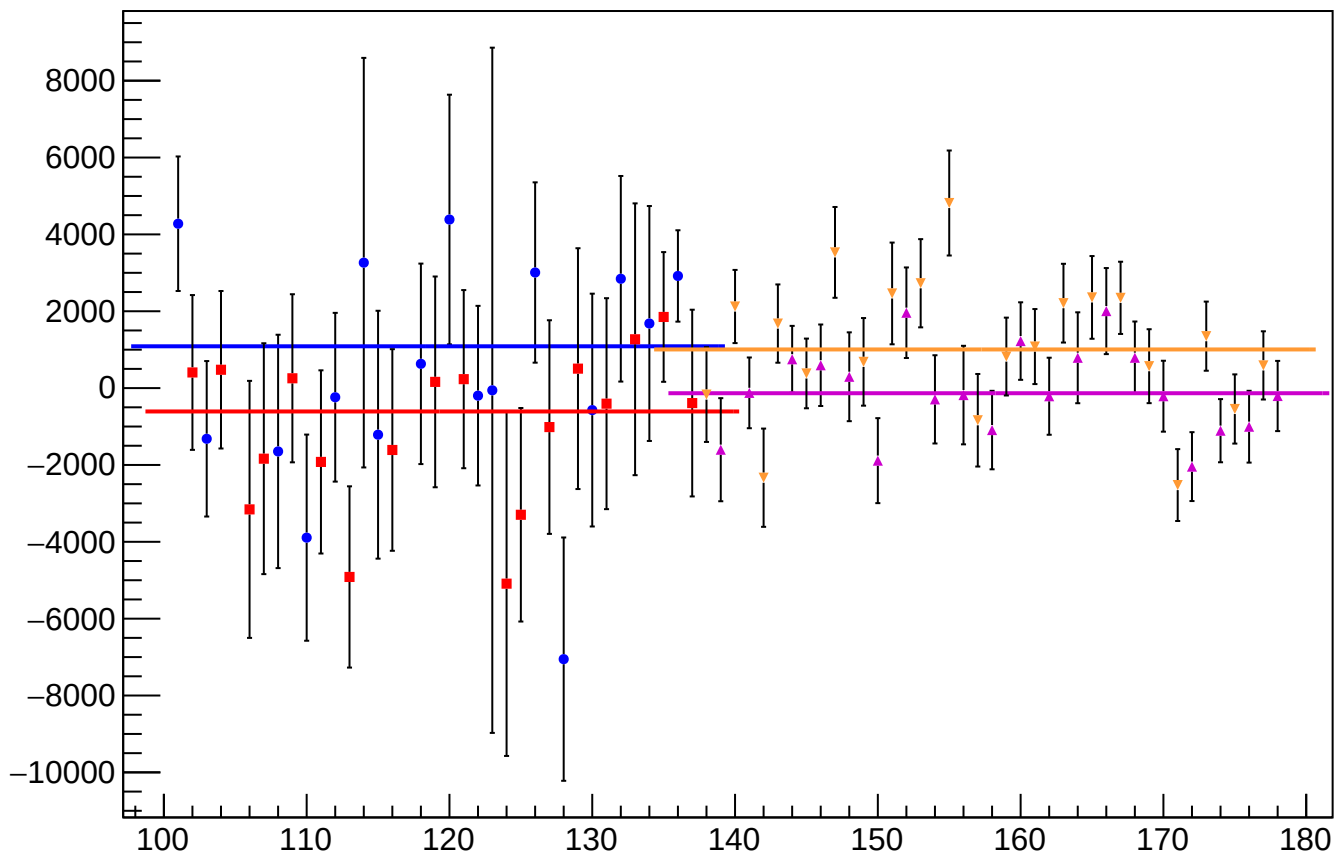
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 967.339+/-0.150 χ^2/NDF : 2849427.7/36

Out: 978.068+/-0.150 χ^2/NDF : 3076166.3/38

All: 972.706+/-0.106 χ^2/NDF : 5928164.7/75

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 ± 583.326 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 1005.846 ± 226.297 $\chi^2/\text{NDF}: 51.1/20$

Right Out: -607.930 ± 591.550 $\chi^2/\text{NDF}: 9.9/17$

Left In: -133.258 ± 226.923 $\chi^2/\text{NDF}: 23.3/19$

Left: 437.868 ± 160.237 $\chi^2/\text{NDF}: 87.0/40$

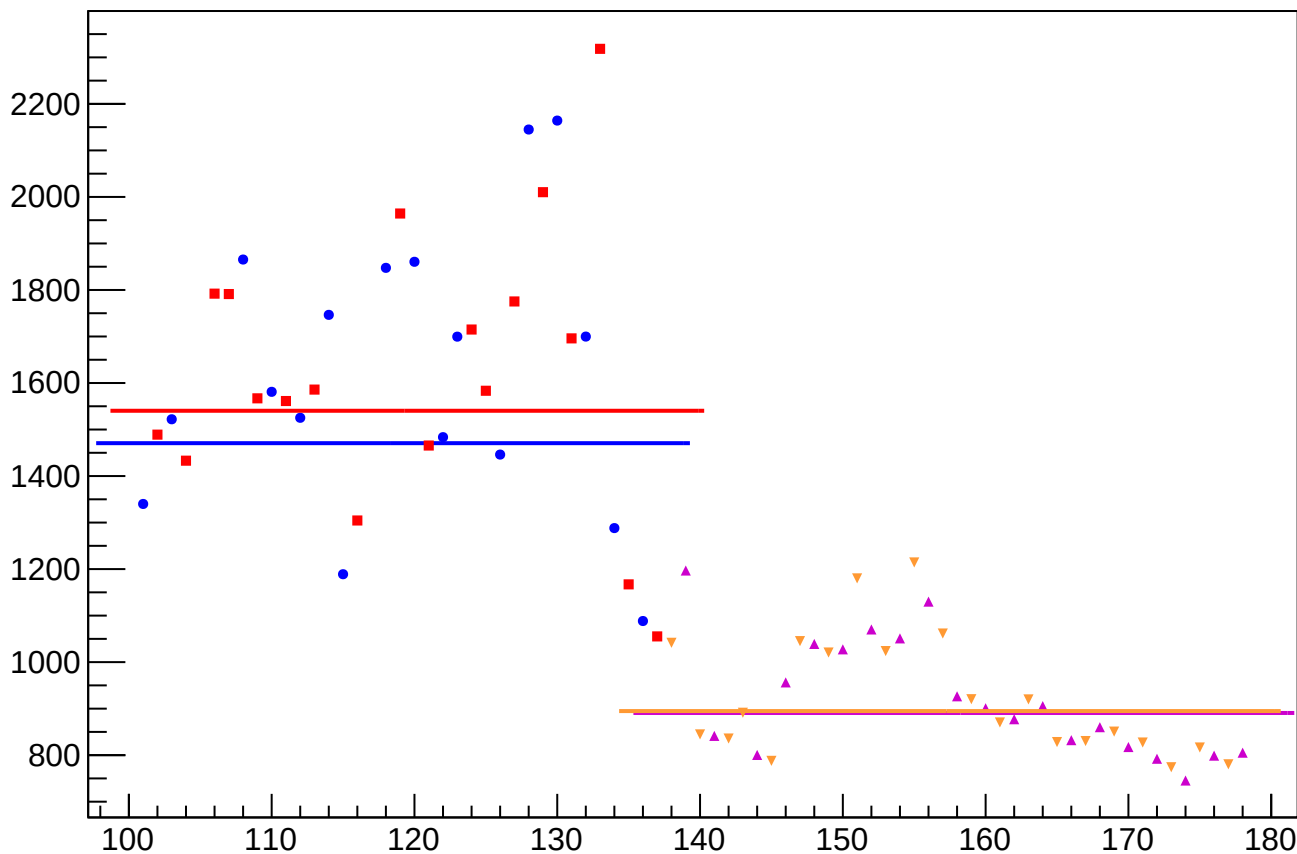
Right: 251.899 ± 415.351 $\chi^2/\text{NDF}: 35.9/34$

In: 27.265 ± 211.485 $\chi^2/\text{NDF}: 48.9/36$

Out: 799.829 ± 211.360 $\chi^2/\text{NDF}: 67.5/38$

All: 413.775 ± 149.498 $\chi^2/\text{NDF}: 123.1/75$

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 894.769 $\pm$ 0.160 χ^2/NDF : 508440.9/20

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 890.722 $\pm$ 0.160 χ^2/NDF : 504665.3/19

Left: 892.751 $\pm$ 0.113 χ^2/NDF : 1013425.2/40

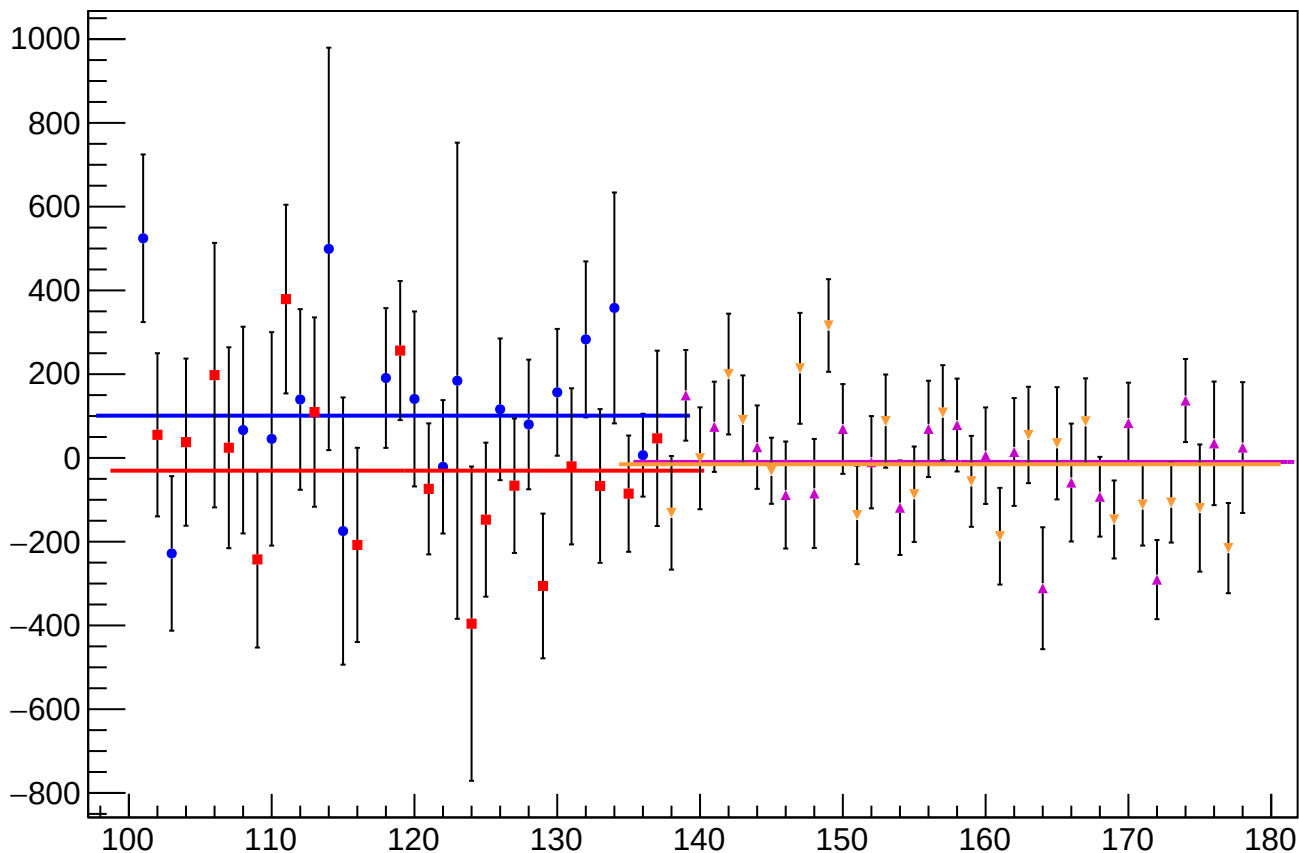
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 966.953 $\pm$ 0.150 χ^2/NDF : 2789520.6/36

Out: 977.184 $\pm$ 0.149 χ^2/NDF : 3029124.8/38

All: 972.072 $\pm$ 0.106 χ^2/NDF : 5820987.1/75

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -15.099 ± 24.177 $\chi^2/\text{NDF}: 31.2/20$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -9.586 ± 25.407 $\chi^2/\text{NDF}: 23.5/19$

Left: -12.479 ± 17.514 $\chi^2/\text{NDF}: 54.7/40$

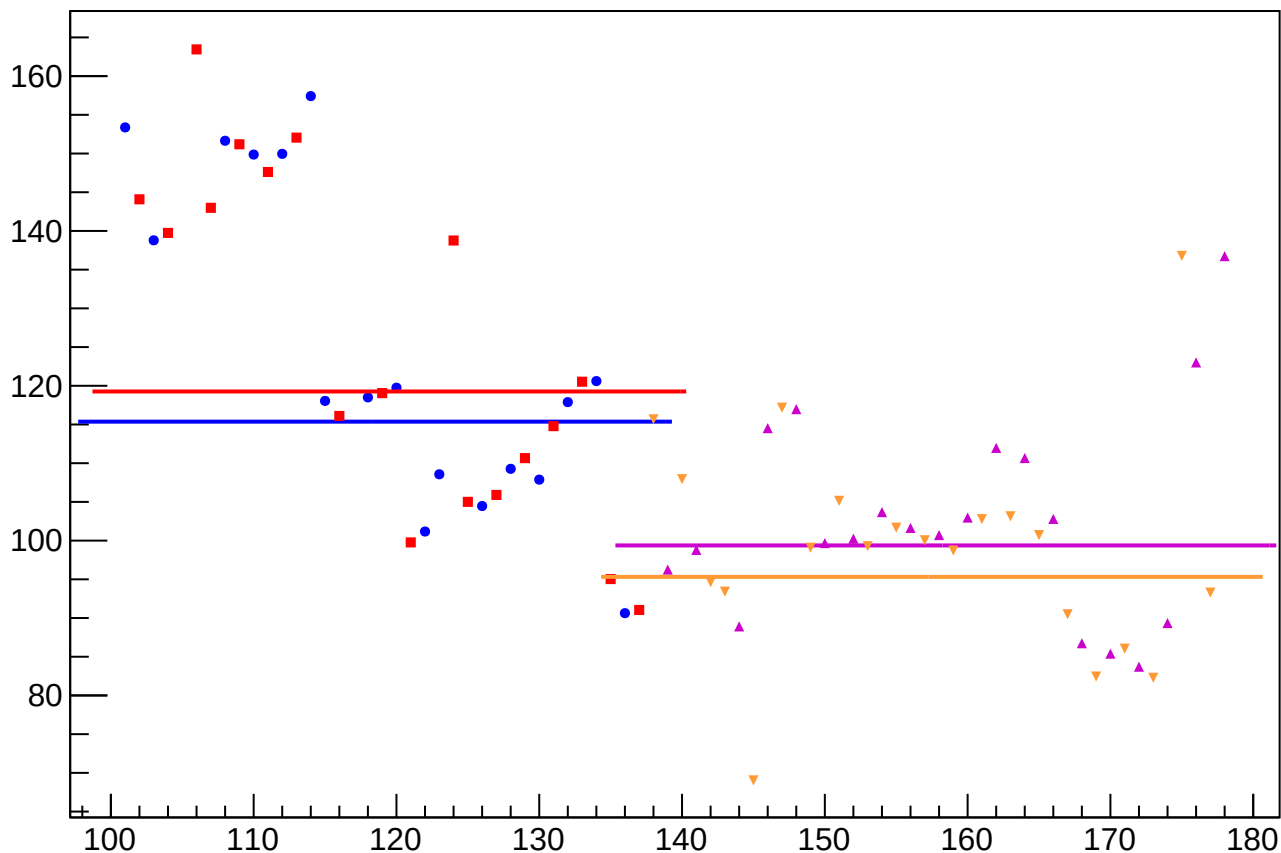
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 16.872 ± 22.158 $\chi^2/\text{NDF}: 41.1/36$

Out: -18.446 ± 21.371 $\chi^2/\text{NDF}: 44.8/38$

All: -1.425 ± 15.382 $\chi^2/\text{NDF}: 87.1/75$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.318 $\pm$ 0.017 χ^2 /NDF:642678.5/20

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 99.378 $\pm$ 0.018 χ^2 /NDF:445253.0/19

Left: 97.248 $\pm$ 0.012 χ^2 /NDF: 1114732.1/40

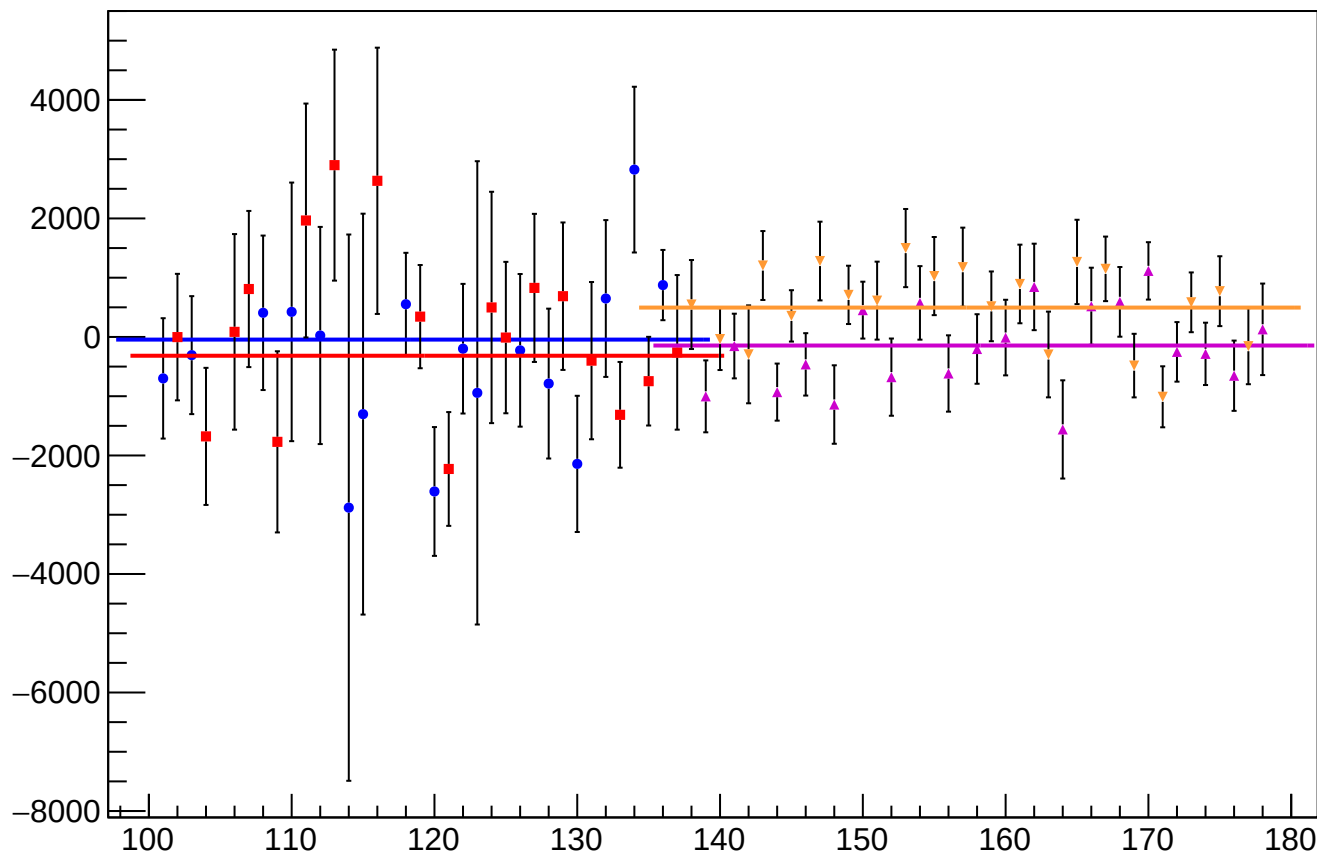
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 103.206 $\pm$ 0.016 χ^2 /NDF:1046234.1/36

Out: 100.553 $\pm$ 0.015 χ^2 /NDF:1469831.4/38

All: 101.832 $\pm$ 0.011 χ^2 /NDF: 2530927.6/75

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 495.757 $\pm$ 129.496 χ^2 /NDF:26.5/20

Right Out: -316.976 $\pm$ 283.113 χ^2 /NDF: 16.8/17

Left In: -144.589 $\pm$ 130.981 χ^2 /NDF:26.5/19

Left: 179.235 $\pm$ 92.088 χ^2 /NDF: 65.1/40

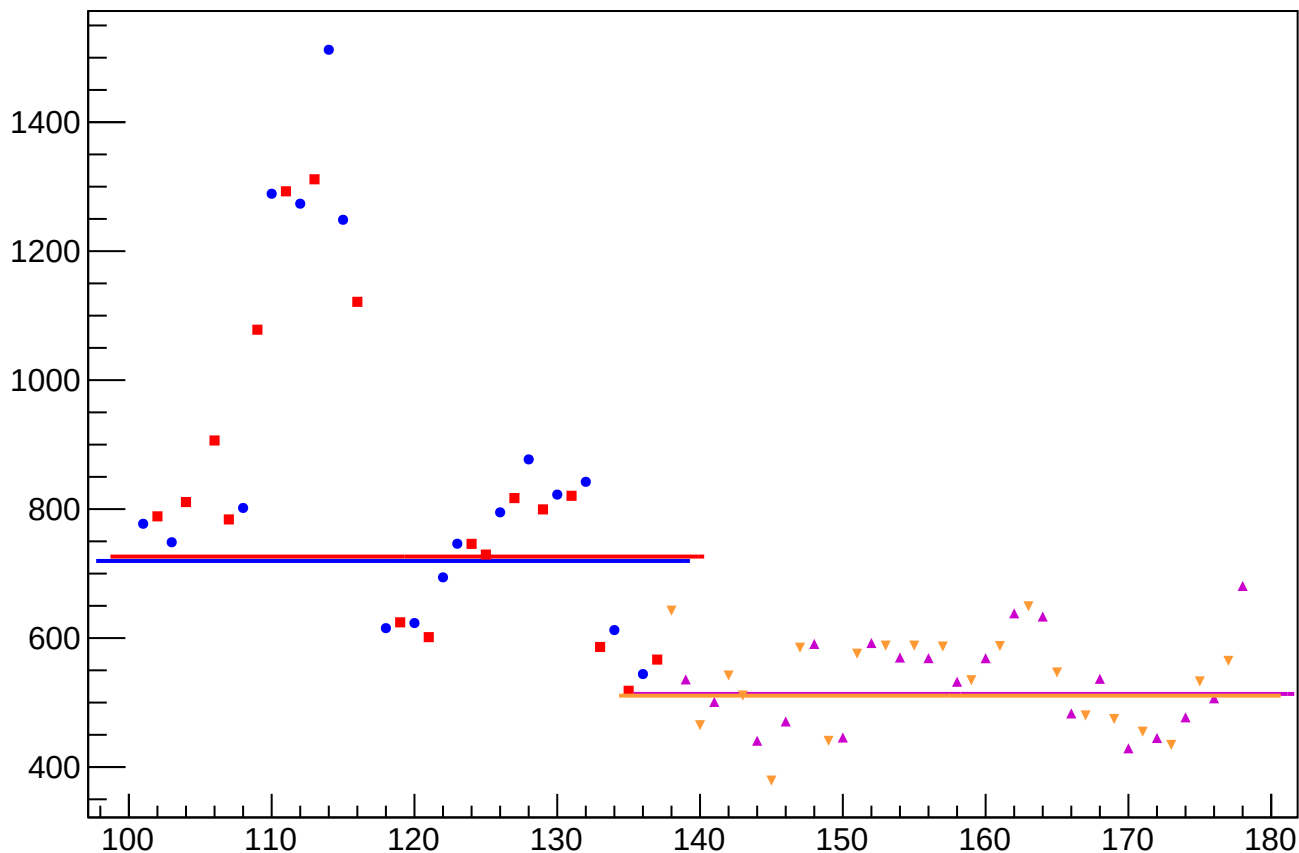
Right: -182.282 $\pm$ 201.303 χ^2 /NDF: 35.1/34

In: -127.273 $\pm$ 119.107 χ^2 /NDF:44.5/36

Out: 355.140 $\pm$ 117.762 χ^2 /NDF:50.1/38

All: 116.673 $\pm$ 83.742 χ^2 /NDF: 102.9/75

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 510.736 $\pm$ 0.092 χ^2 /NDF: 641657.2/20

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 513.415 $\pm$ 0.093 χ^2 /NDF: 516779.9/19

Left: 512.060 $\pm$ 0.065 χ^2 /NDF: 1158860.0/40

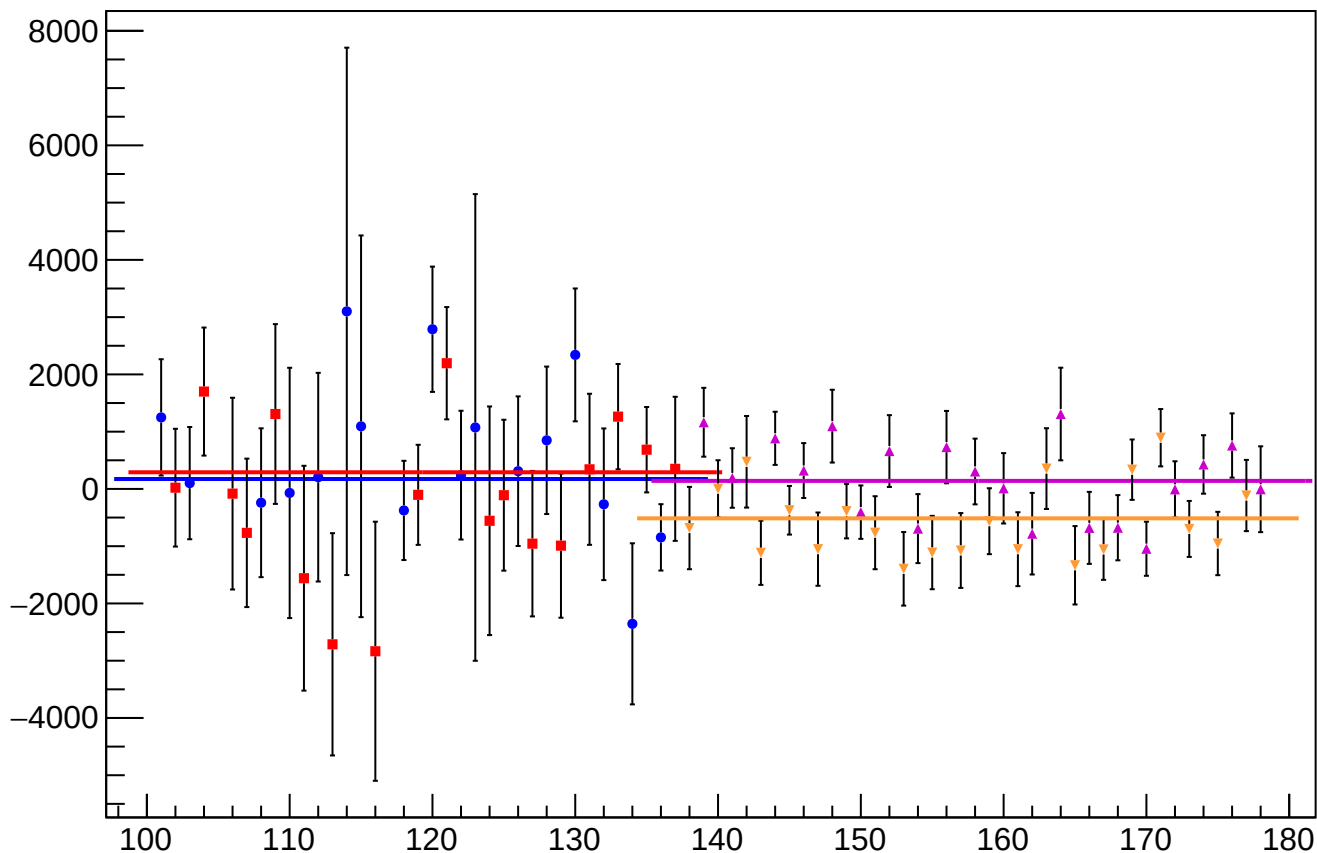
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 549.105 $\pm$ 0.084 χ^2 /NDF: 2121621.4/36

Out: 548.049 $\pm$ 0.083 χ^2 /NDF: 2482378.0/38

All: 548.571 $\pm$ 0.059 χ^2 /NDF: 4604078.8/75

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -513.570 $\pm$ 125.471 χ^2 /NDF:24.7/20

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 140.731 $\pm$ 126.439 χ^2 /NDF:28.3/19

Left: -188.935 $\pm$ 89.062 χ^2 /NDF: 66.6/40

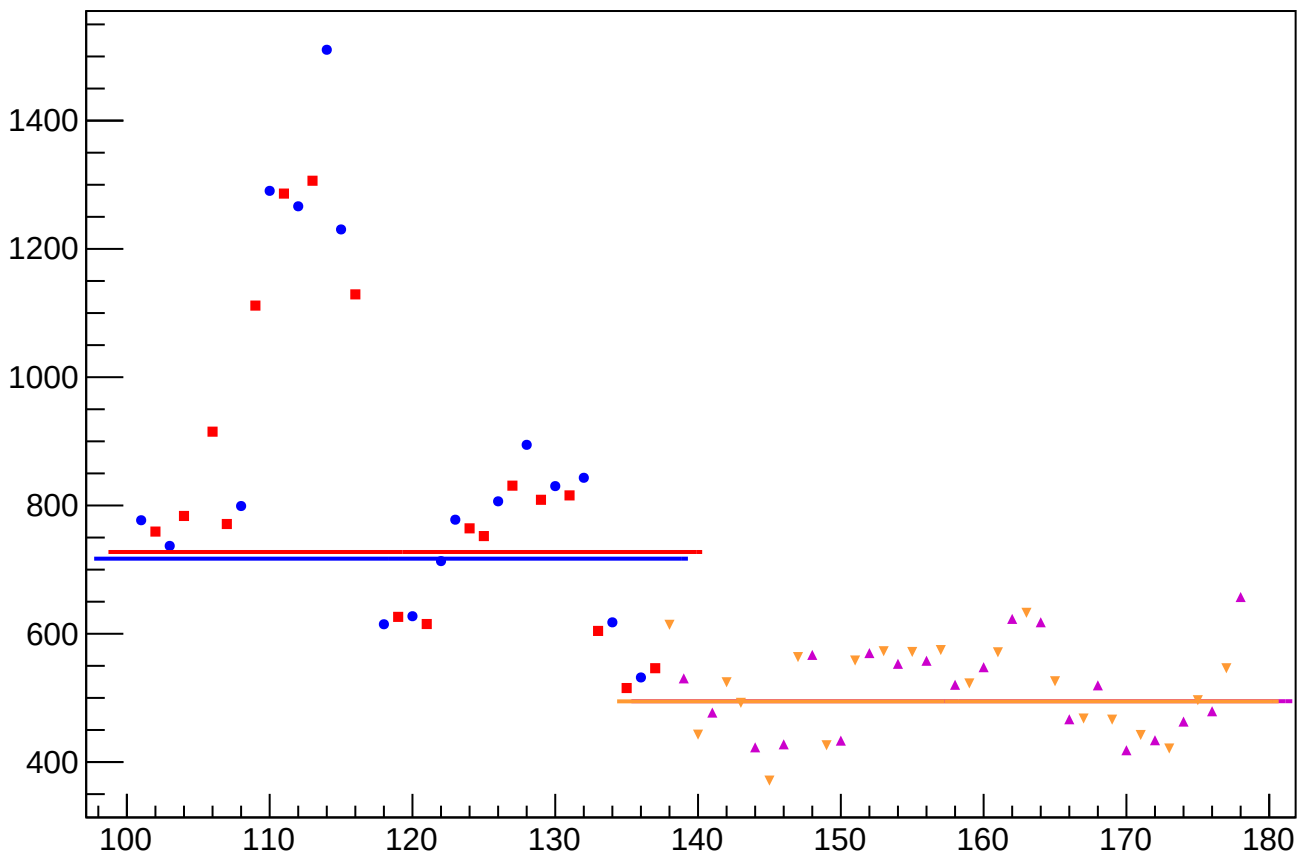
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 146.047 $\pm$ 115.621 χ^2 /NDF:46.4/36

Out: -381.856 $\pm$ 114.739 χ^2 /NDF:47.1/38

All: -119.925 $\pm$ 81.443 χ^2 /NDF: 104.0/75

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: 494.632 $\pm$ 0.089 χ^2 /NDF: 627267.2/20

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 494.860 $\pm$ 0.089 χ^2 /NDF: 548650.2/19

Left: 494.745 $\pm$ 0.063 χ^2 /NDF: 1175920.6/40

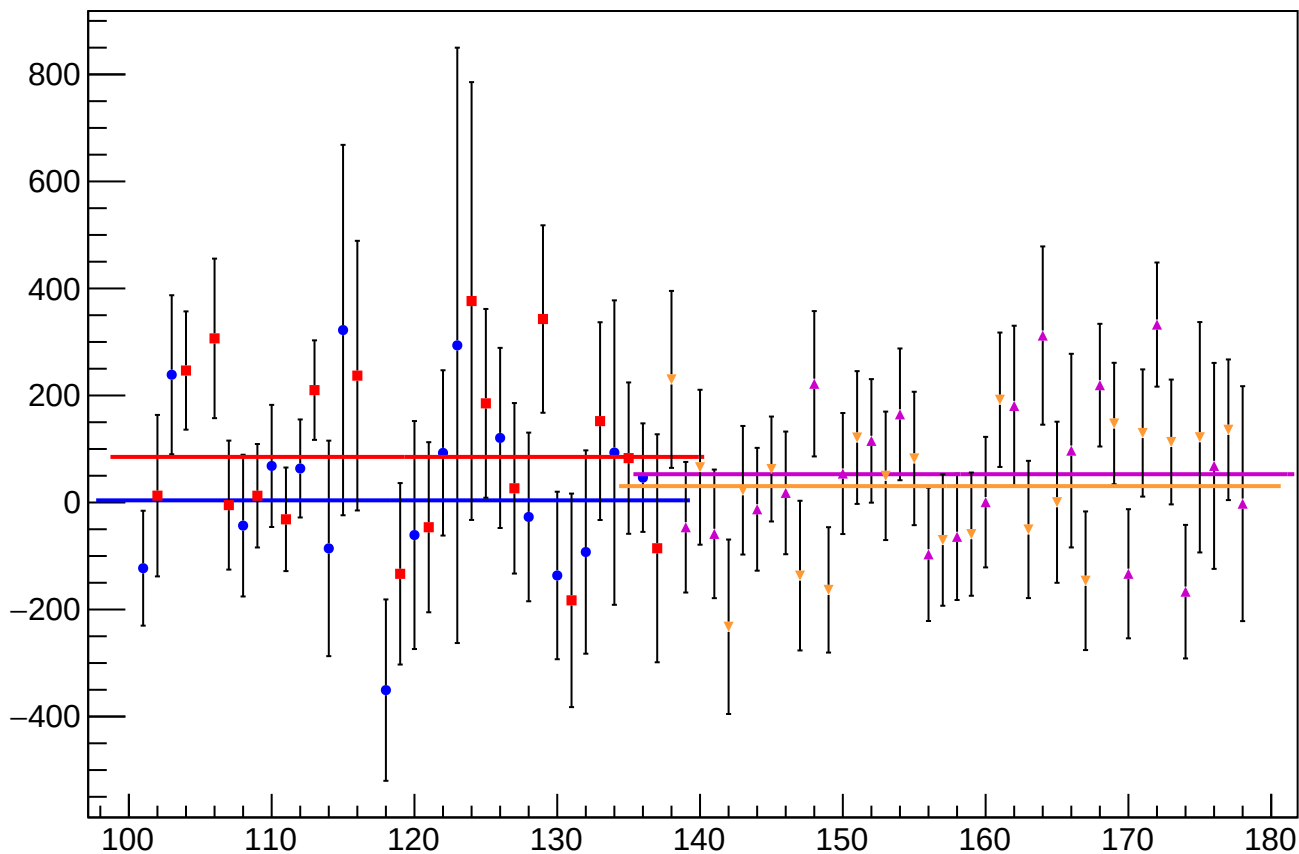
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 531.262 $\pm$ 0.082 χ^2 /NDF: 2343090.5/36

Out: 532.762 $\pm$ 0.081 χ^2 /NDF: 2636285.9/38

All: 532.018 $\pm$ 0.058 χ^2 /NDF: 4979546.0/75

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: 30.606 $\pm$ 27.853 χ^2/NDF : 17.4/20

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 52.878 $\pm$ 28.779 χ^2/NDF : 23.9/19

Left: 41.377 $\pm$ 20.014 χ^2/NDF : 41.6/40

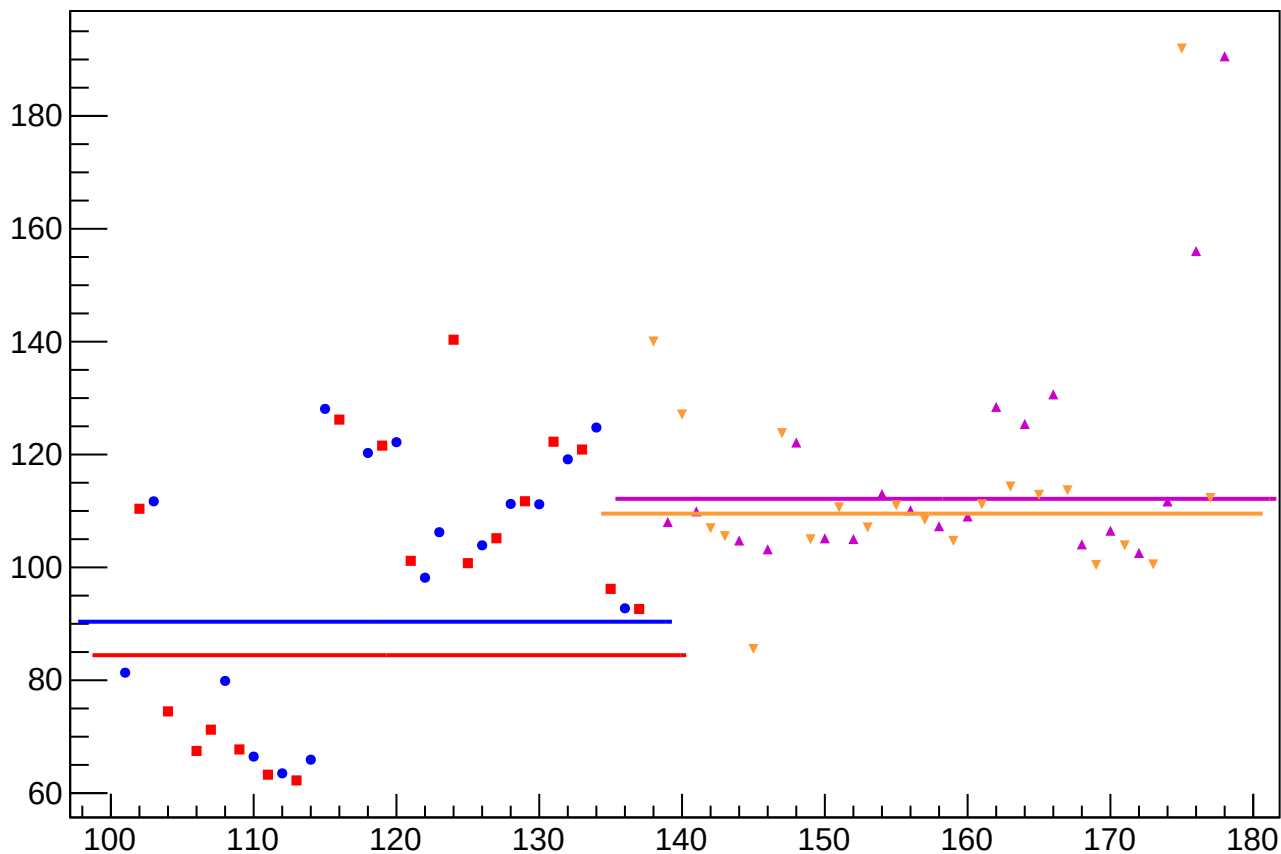
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 33.792 $\pm$ 22.467 χ^2/NDF : 37.7/36

Out: 52.991 $\pm$ 21.394 χ^2/NDF : 36.4/38

All: 43.861 $\pm$ 15.493 χ^2/NDF : 74.5/75

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 109.527 $\pm$ 0.020 χ^2 /NDF: 577932.6/20

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 112.149 $\pm$ 0.020 χ^2 /NDF: 499304.7/19

Left: 110.795 $\pm$ 0.014 χ^2 /NDF: 1085811.0/40

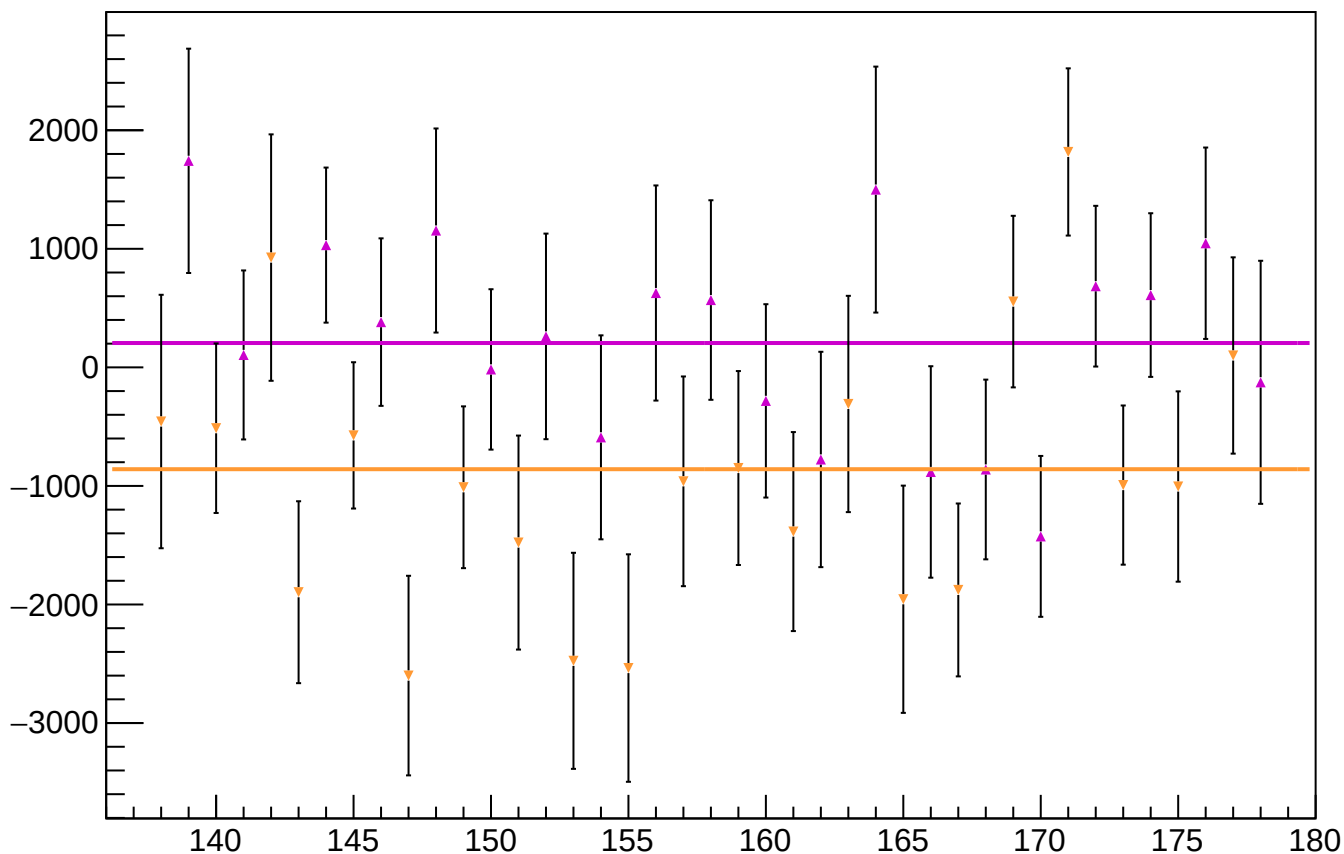
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 103.645 $\pm$ 0.016 χ^2 /NDF: 1600562.6/36

Out: 99.242 $\pm$ 0.015 χ^2 /NDF: 2113856.5/38

All: 101.336 $\pm$ 0.011 χ^2 /NDF: 3754697.2/75

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -858.947 $\pm$ 174.934 χ^2 /NDF:40.0/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 205.389 $\pm$ 177.187 χ^2 /NDF:21.3/19

Left: -333.588 $\pm$ 124.486 χ^2 /NDF: 79.6/40

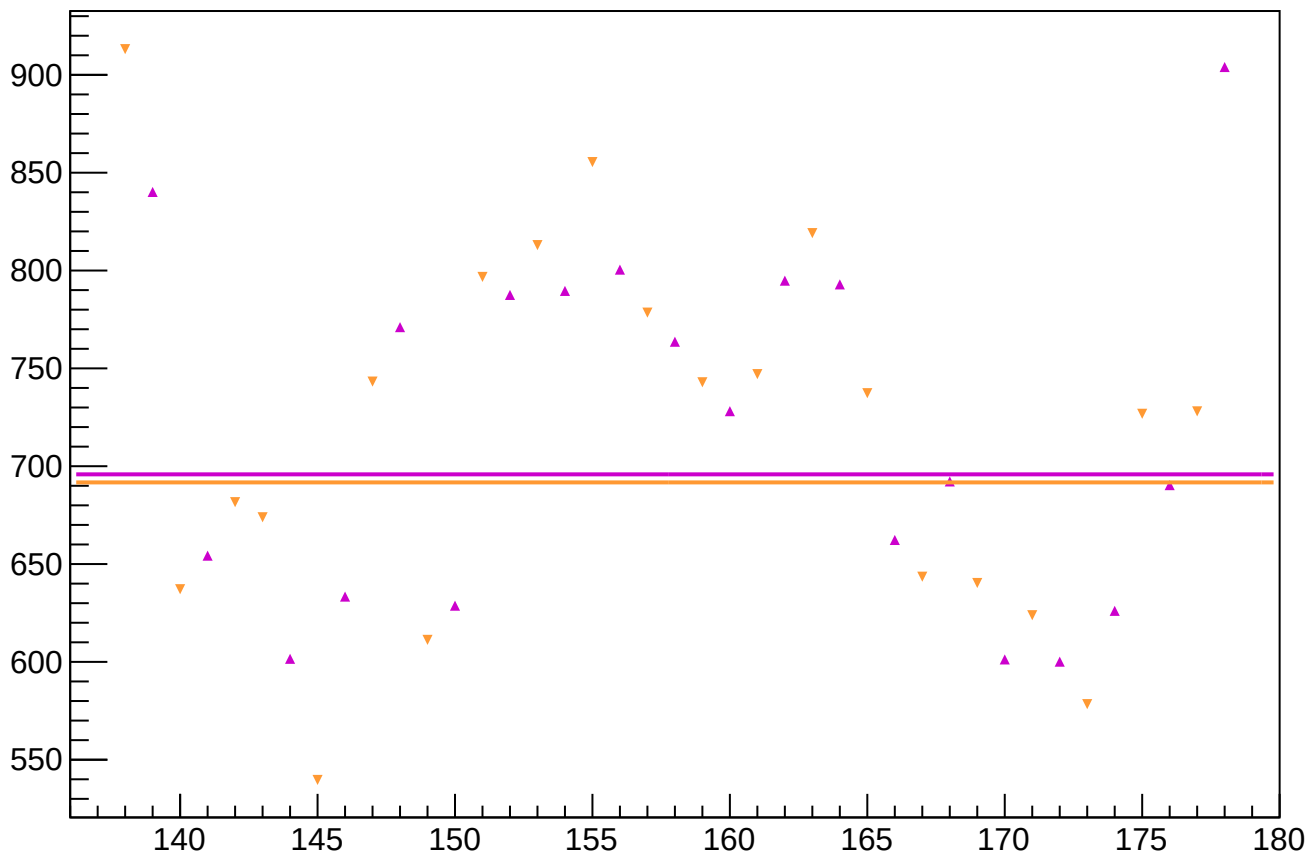
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 205.389 $\pm$ 177.187 χ^2 /NDF:21.3/19

Out: -858.947 $\pm$ 174.934 χ^2 /NDF:40.0/20

All: -333.588 $\pm$ 124.486 χ^2 /NDF: 79.6/40

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 691.723+/-0.124 χ^2/NDF : 557623.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 695.844+/-0.125 χ^2/NDF : 460264.0/19

Left: 693.757+/-0.088 χ^2/NDF : 1018435.7/40

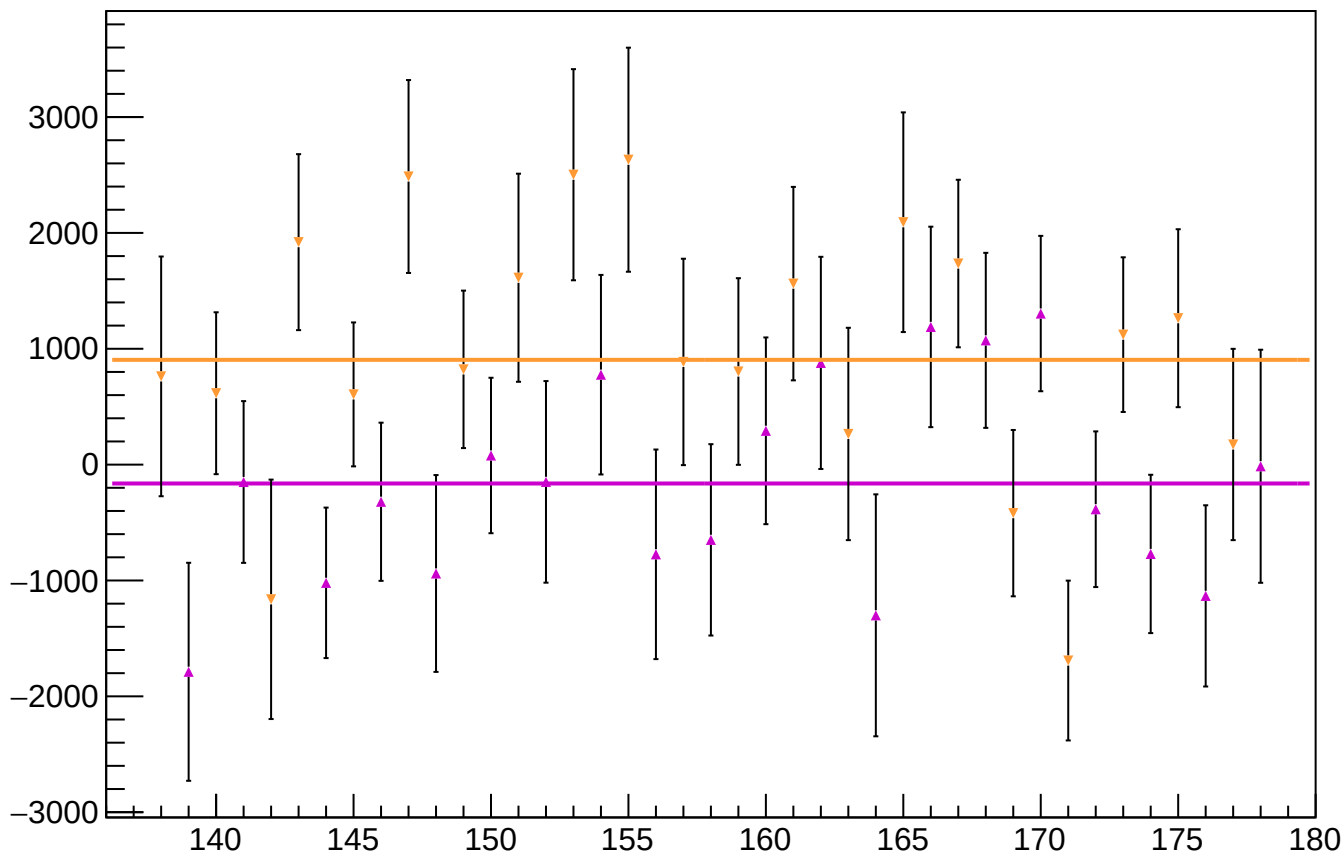
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 695.844+/-0.125 χ^2/NDF : 460264.0/19

Out: 691.723+/-0.124 χ^2/NDF : 557623.7/20

All: 693.757+/-0.088 χ^2/NDF : 1018435.7/40

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 904.498+/-173.370 χ^2/NDF :39.4/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -162.782+/-175.122 χ^2/NDF :22.9/19

Left: 376.222+/-123.206 χ^2/NDF : 81.1/40

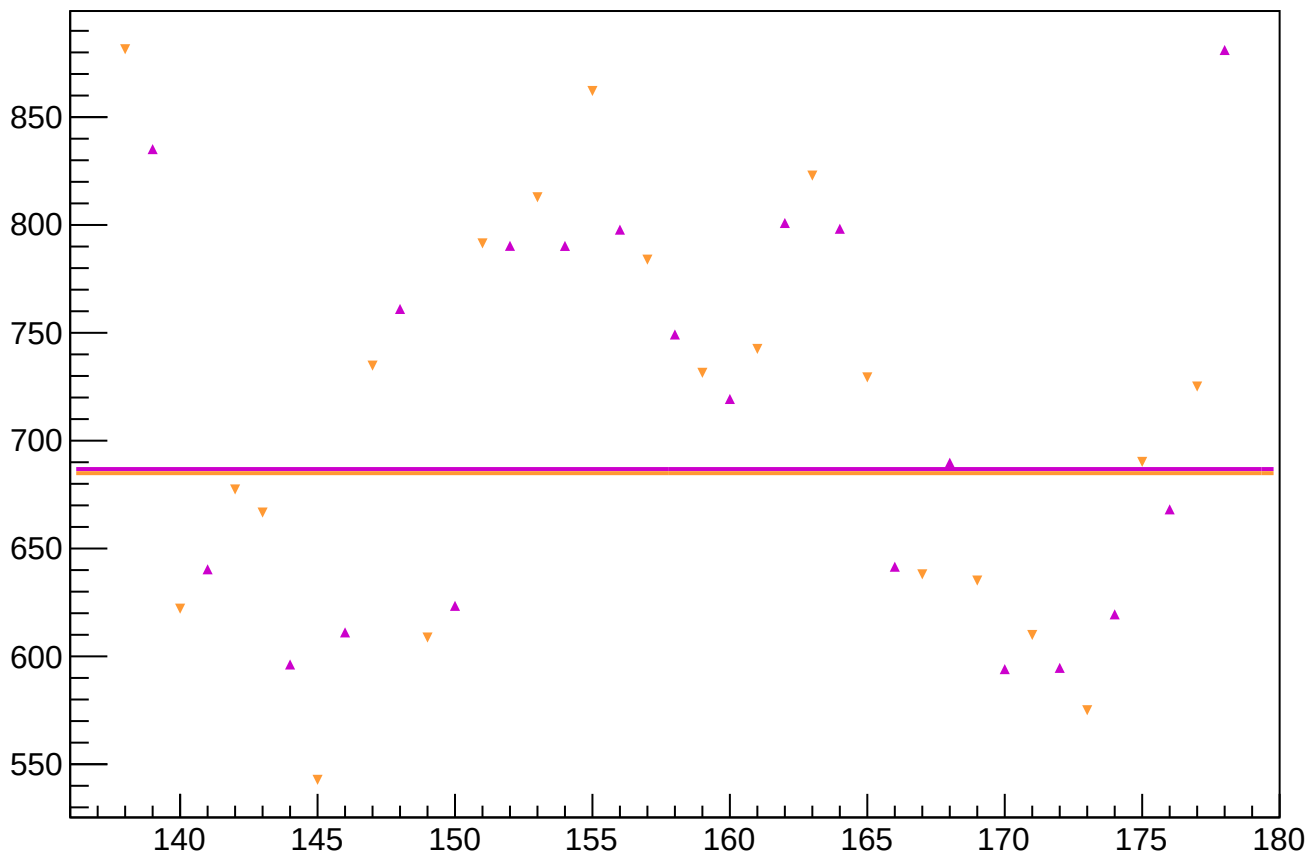
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -162.782+/-175.122 χ^2/NDF :22.9/19

Out: 904.498+/-173.370 χ^2/NDF :39.4/20

All: 376.222+/-123.206 χ^2/NDF : 81.1/40

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 684.933+/-0.123 χ^2/NDF : 552773.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 686.841+/-0.124 χ^2/NDF : 487604.6/19

Left: 685.877+/-0.087 χ^2/NDF : 1040498.0/40

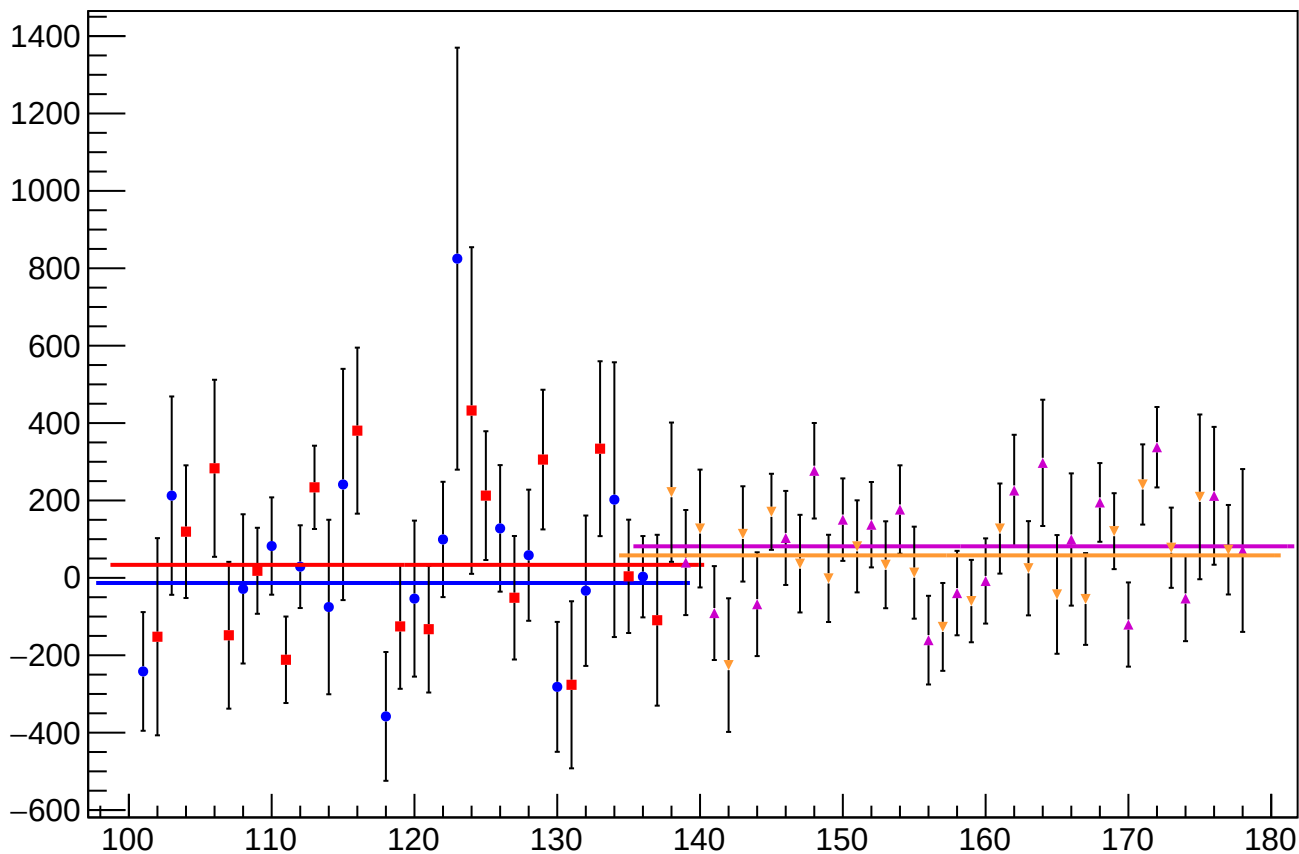
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 686.841+/-0.124 χ^2/NDF : 487604.6/19

Out: 684.933+/-0.123 χ^2/NDF : 552773.5/20

All: 685.877+/-0.087 χ^2/NDF : 1040498.0/40

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 58.119 ± 26.290 χ^2/NDF : 15.5/20

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 81.546 ± 27.415 χ^2/NDF : 29.2/19

Left: 69.342 ± 18.975 χ^2/NDF : 45.1/40

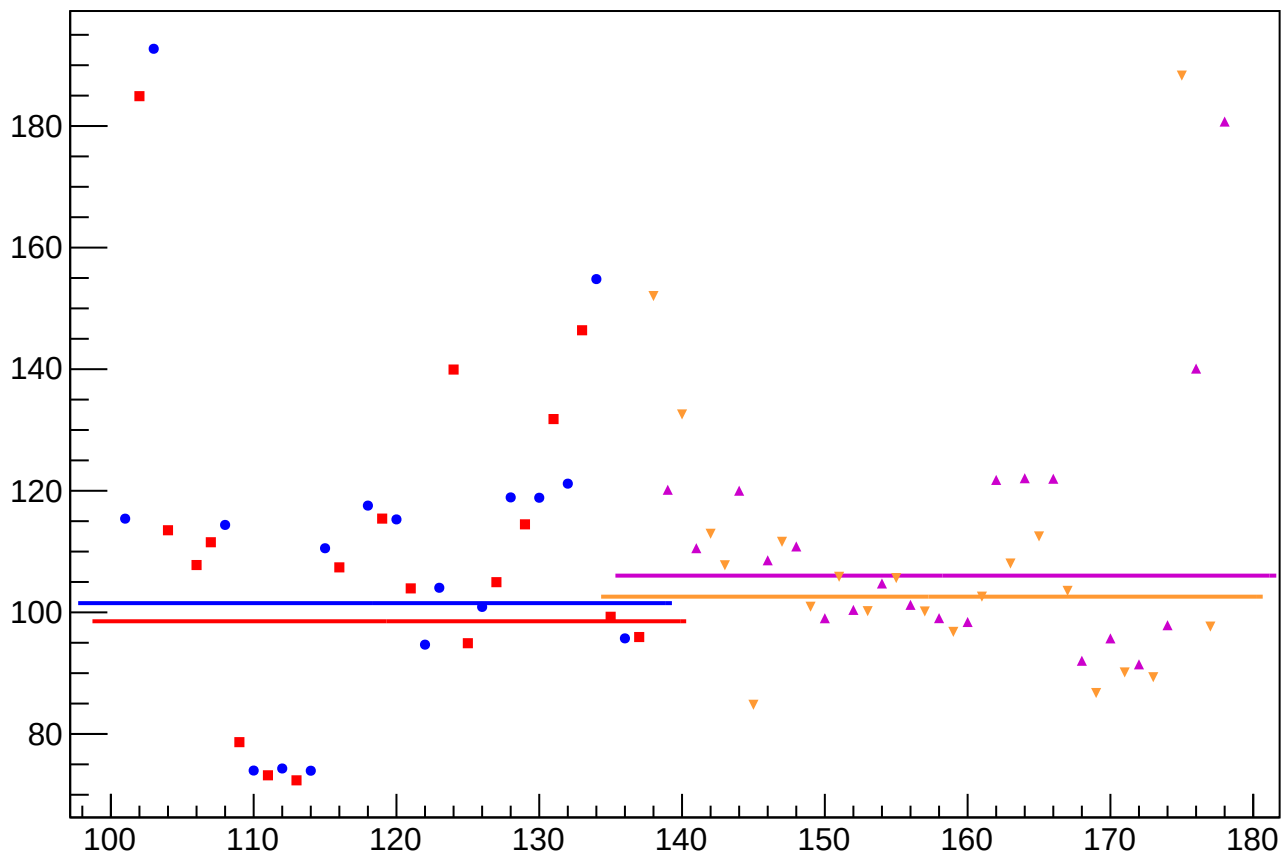
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 51.823 ± 22.712 χ^2/NDF : 48.6/36

Out: 50.440 ± 21.780 χ^2/NDF : 40.5/38

All: 51.103 ± 15.720 χ^2/NDF : 89.1/75

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2/NDF : 681713.7/16

Left Out: 102.584 $\pm$ 0.019 χ^2/NDF : 780000.0/20

Right Out: 98.537 $\pm$ 0.028 χ^2/NDF : 746979.4/17

Left In: 106.044 $\pm$ 0.019 χ^2/NDF : 577422.7/19

Left: 104.241 $\pm$ 0.013 χ^2/NDF : 1374015.3/40

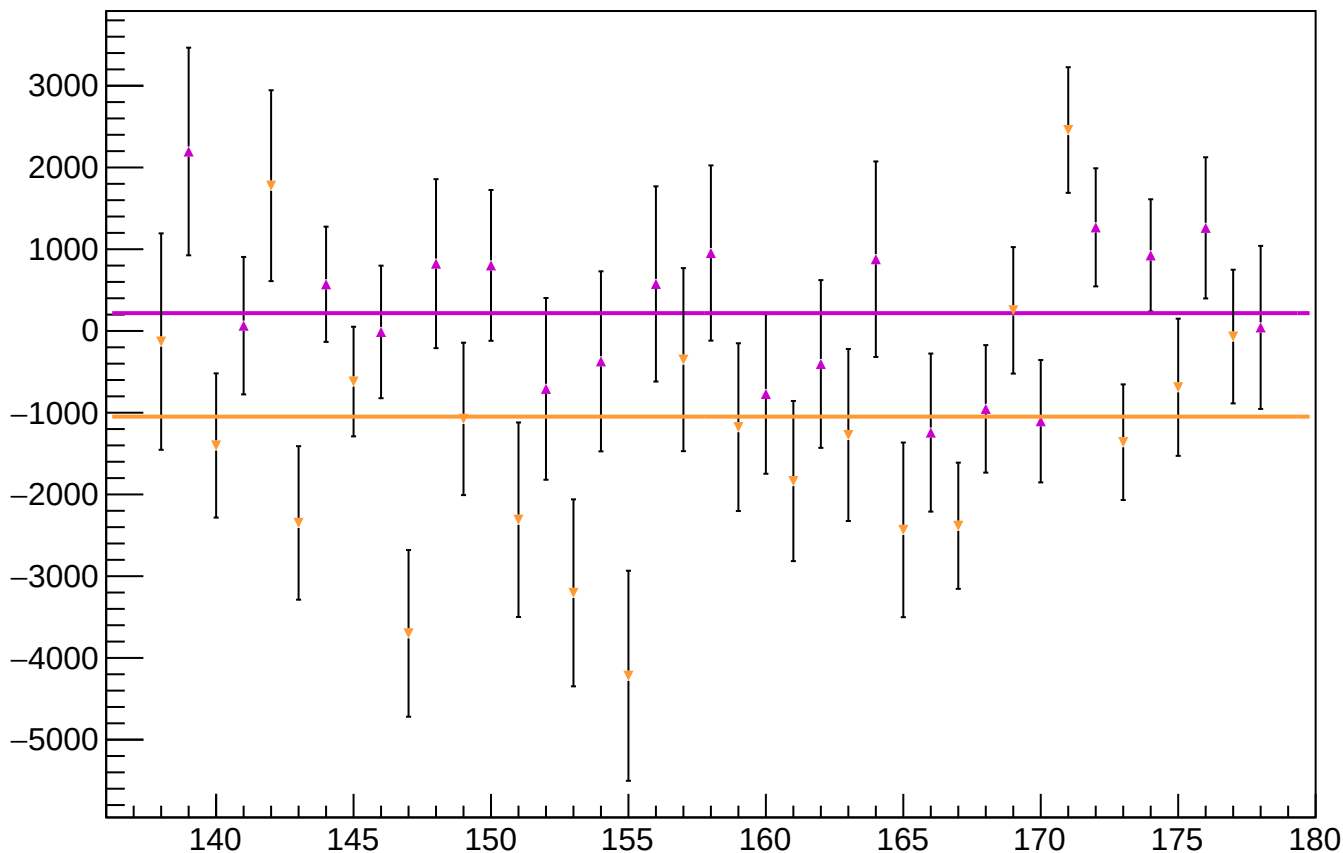
Right: 99.965 $\pm$ 0.020 χ^2/NDF : 1434328.3/34

In: 104.625 $\pm$ 0.016 χ^2/NDF : 1276224.2/36

Out: 101.315 $\pm$ 0.015 χ^2/NDF : 1541847.7/38

All: 102.900 $\pm$ 0.011 χ^2/NDF : 2840199.7/75

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 218.116+/-202.187 χ^2/NDF :19.1/19

Left: -417.609+/-142.680 χ^2/NDF : 96.3/40

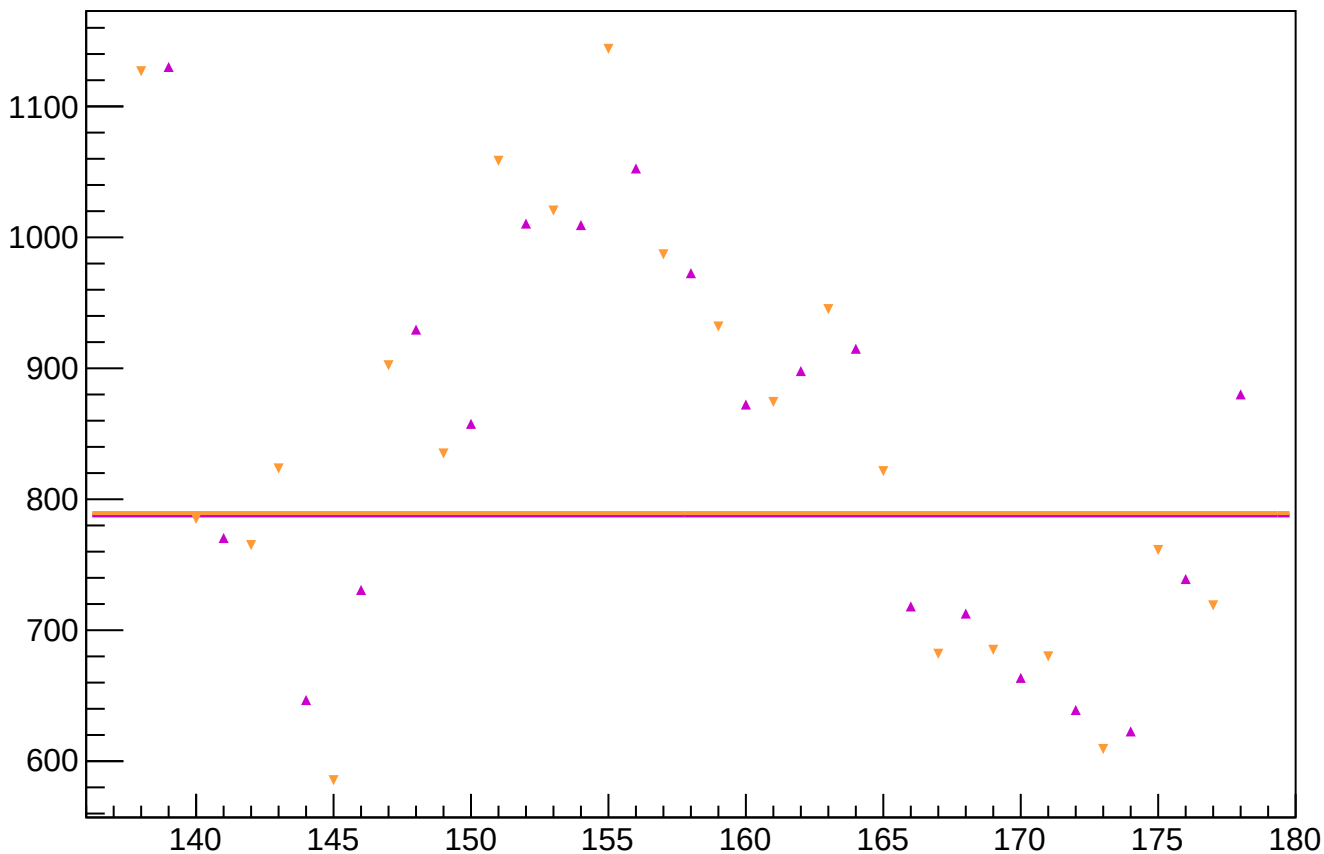
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 218.116+/-202.187 χ^2/NDF :19.1/19

Out: -1048.232+/-201.374 χ^2/NDF :57.6/20

All: -417.609+/-142.680 χ^2/NDF : 96.3/40

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 787.639+/-0.143 χ^2/NDF :972648.8/19

Left: 788.561+/-0.101 χ^2/NDF : 2080496.2/40

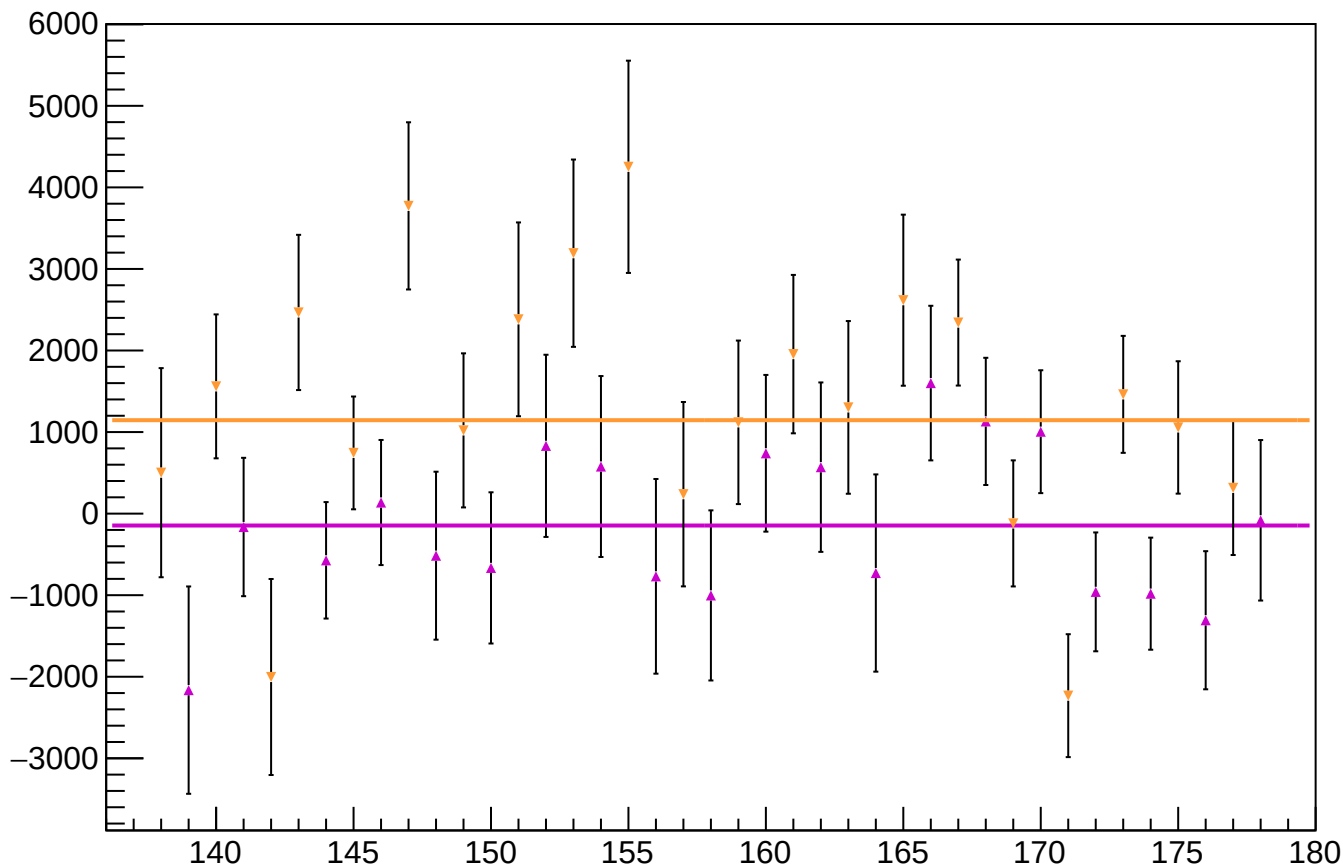
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 787.639+/-0.143 χ^2/NDF :972648.8/19

Out: 789.475+/-0.142 χ^2/NDF :1107764.7/20

All: 788.561+/-0.101 χ^2/NDF : 2080496.2/40

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -145.841+/-201.385 χ^2/NDF :20.2/19

Left: 499.139+/-142.482 χ^2/NDF : 96.6/40

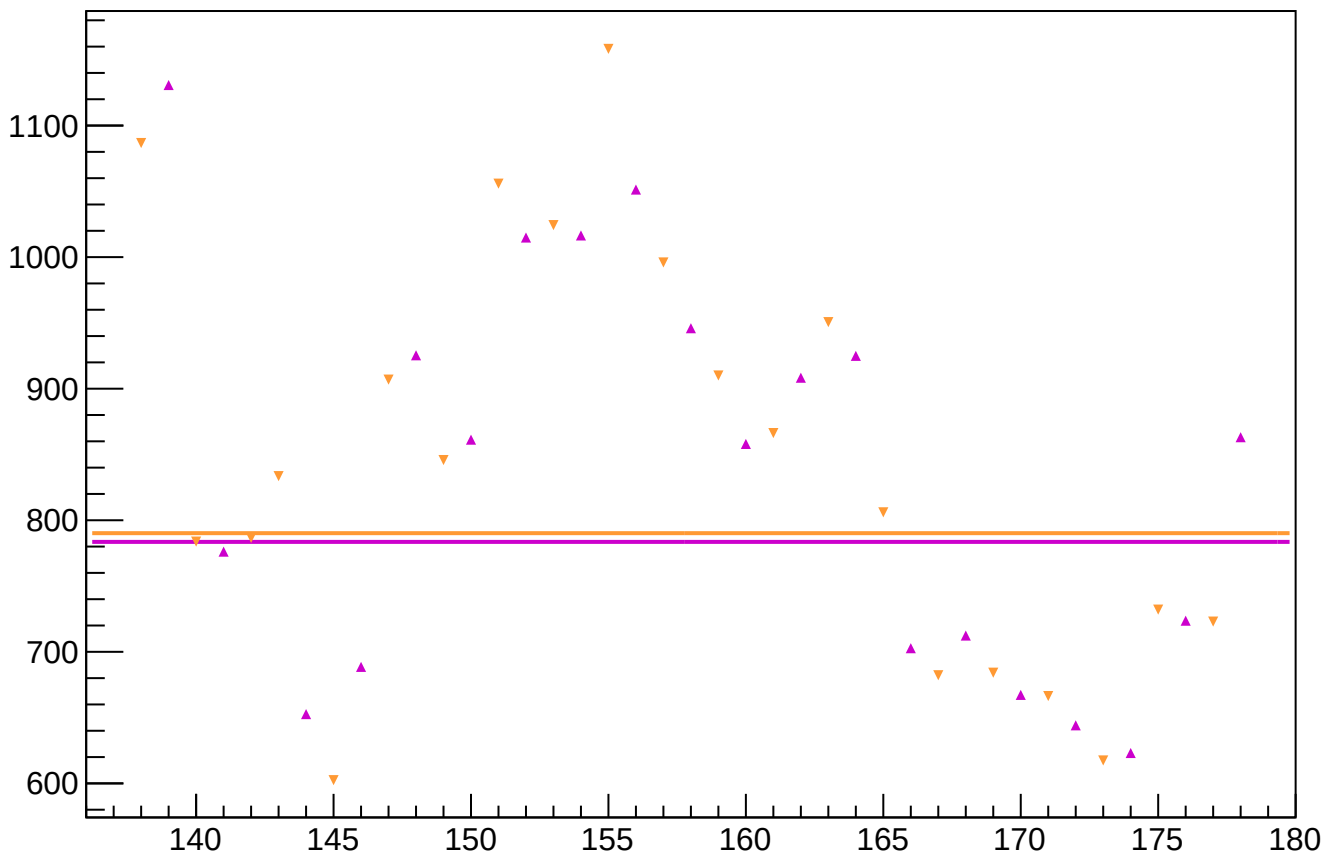
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -145.841+/-201.385 χ^2/NDF :20.2/19

Out: 1145.604+/-201.616 χ^2/NDF :55.9/20

All: 499.139+/-142.482 χ^2/NDF : 96.6/40

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.558+/-0.142 χ^2/NDF :974980.6/19

Left: 786.869+/-0.101 χ^2/NDF : 2034673.7/40

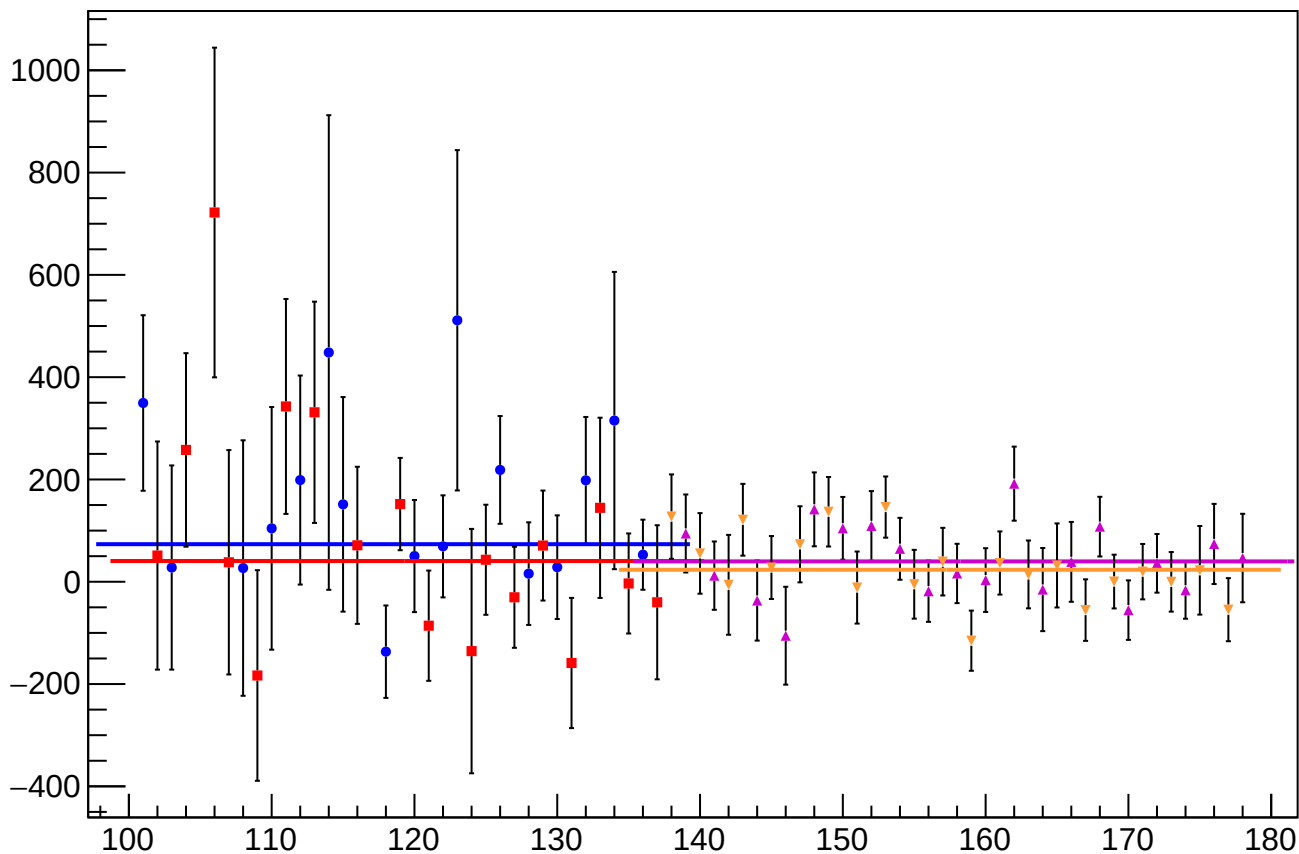
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.558+/-0.142 χ^2/NDF :974980.6/19

Out: 790.189+/-0.143 χ^2/NDF :1058610.2/20

All: 786.869+/-0.101 χ^2/NDF : 2034673.7/40

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 23.463 $\pm$ 14.426 χ^2 /NDF:21.0/20

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 39.790 $\pm$ 14.962 χ^2 /NDF:19.8/19

Left: 31.328 $\pm$ 10.385 χ^2 /NDF: 41.5/40

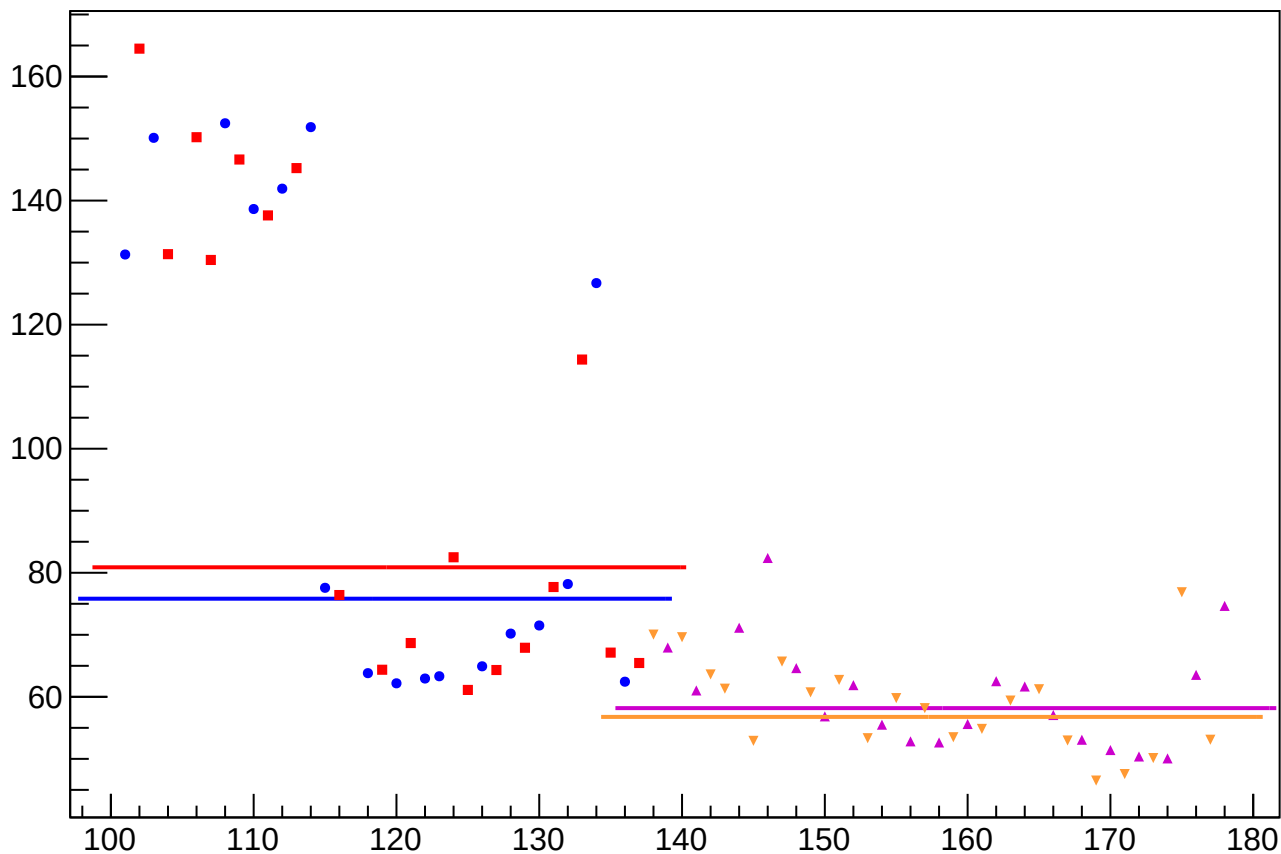
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 46.129 $\pm$ 13.480 χ^2 /NDF:36.1/36

Out: 26.247 $\pm$ 13.201 χ^2 /NDF:39.5/38

All: 35.981 $\pm$ 9.432 χ^2 /NDF: 76.6/75

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 56.763 $\pm$ 0.010 χ^2/NDF : 492483.6/20

Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 58.180 $\pm$ 0.011 χ^2/NDF : 498307.2/19

Left: 57.446 $\pm$ 0.007 χ^2/NDF : 1000080.6/40

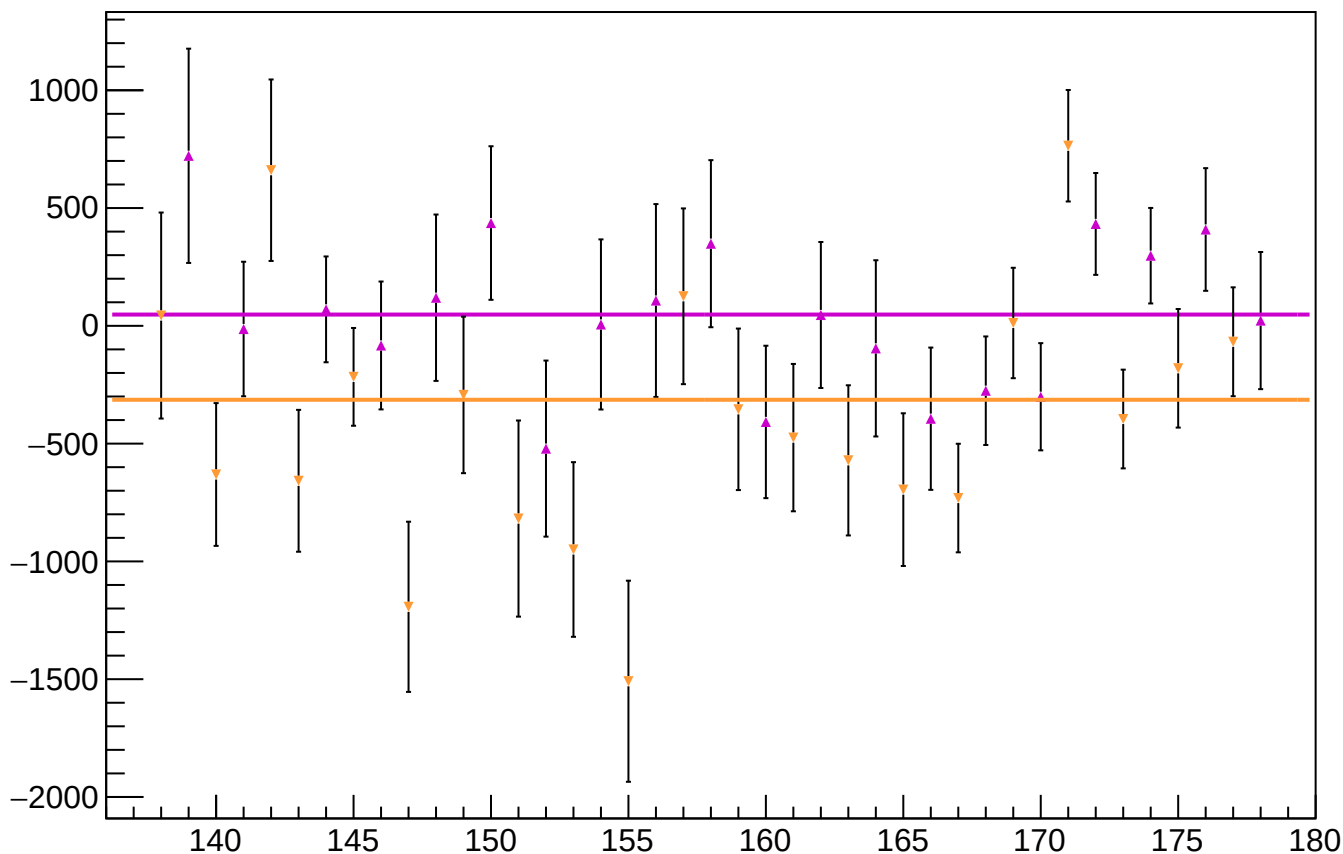
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 61.502 $\pm$ 0.010 χ^2/NDF : 2371837.9/36

Out: 60.684 $\pm$ 0.009 χ^2/NDF : 2927157.5/38

All: 61.084 $\pm$ 0.007 χ^2/NDF : 5302761.1/75

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -313.862+/-63.270 χ^2/NDF :59.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.867+/-63.861 χ^2/NDF :22.2/19

Left: -134.678+/-44.946 χ^2/NDF : 97.5/40

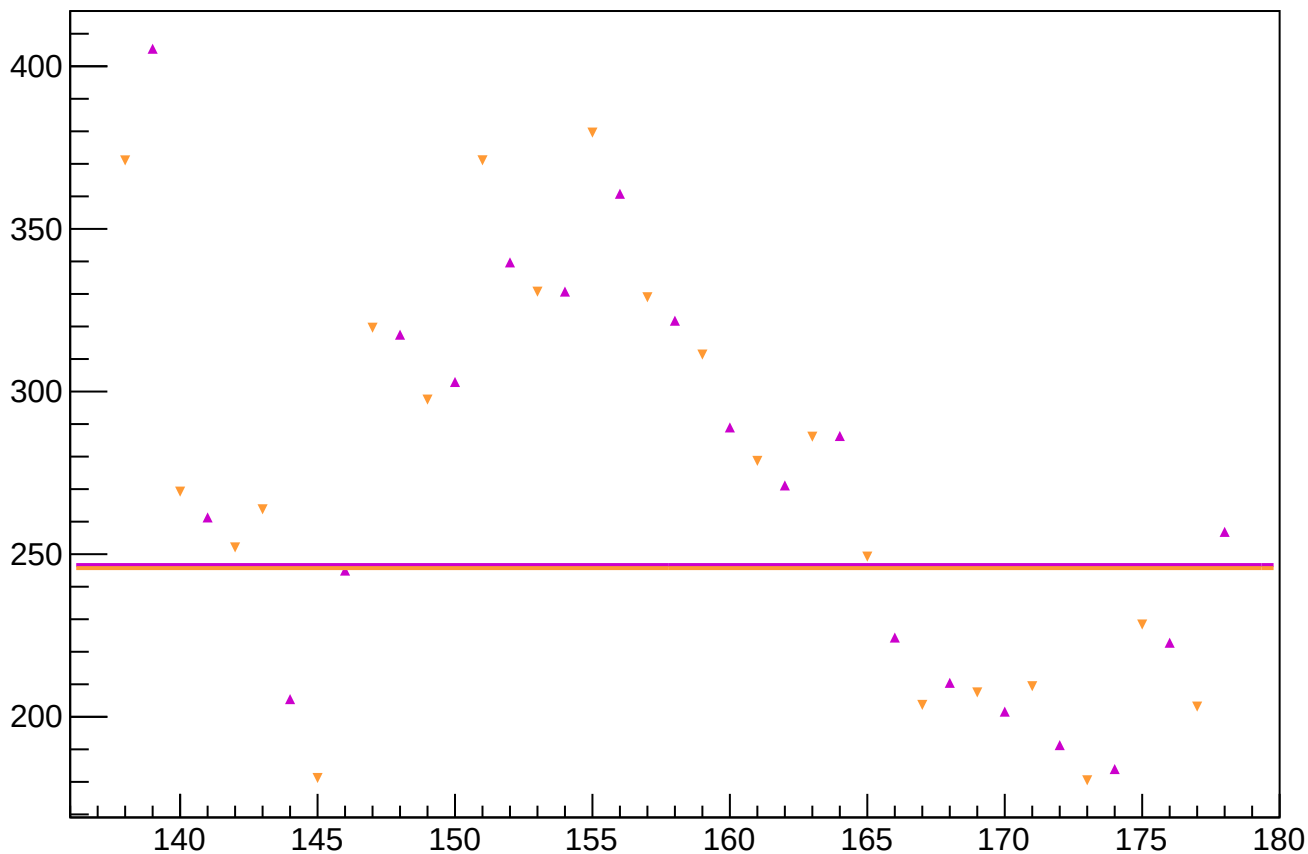
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 47.867+/-63.861 χ^2/NDF :22.2/19

Out: -313.862+/-63.270 χ^2/NDF :59.1/20

All: -134.678+/-44.946 χ^2/NDF : 97.5/40

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.655+/-0.045 χ^2/NDF :1483890.0/19

Left: 246.183+/-0.032 χ^2/NDF : 3142769.7/40

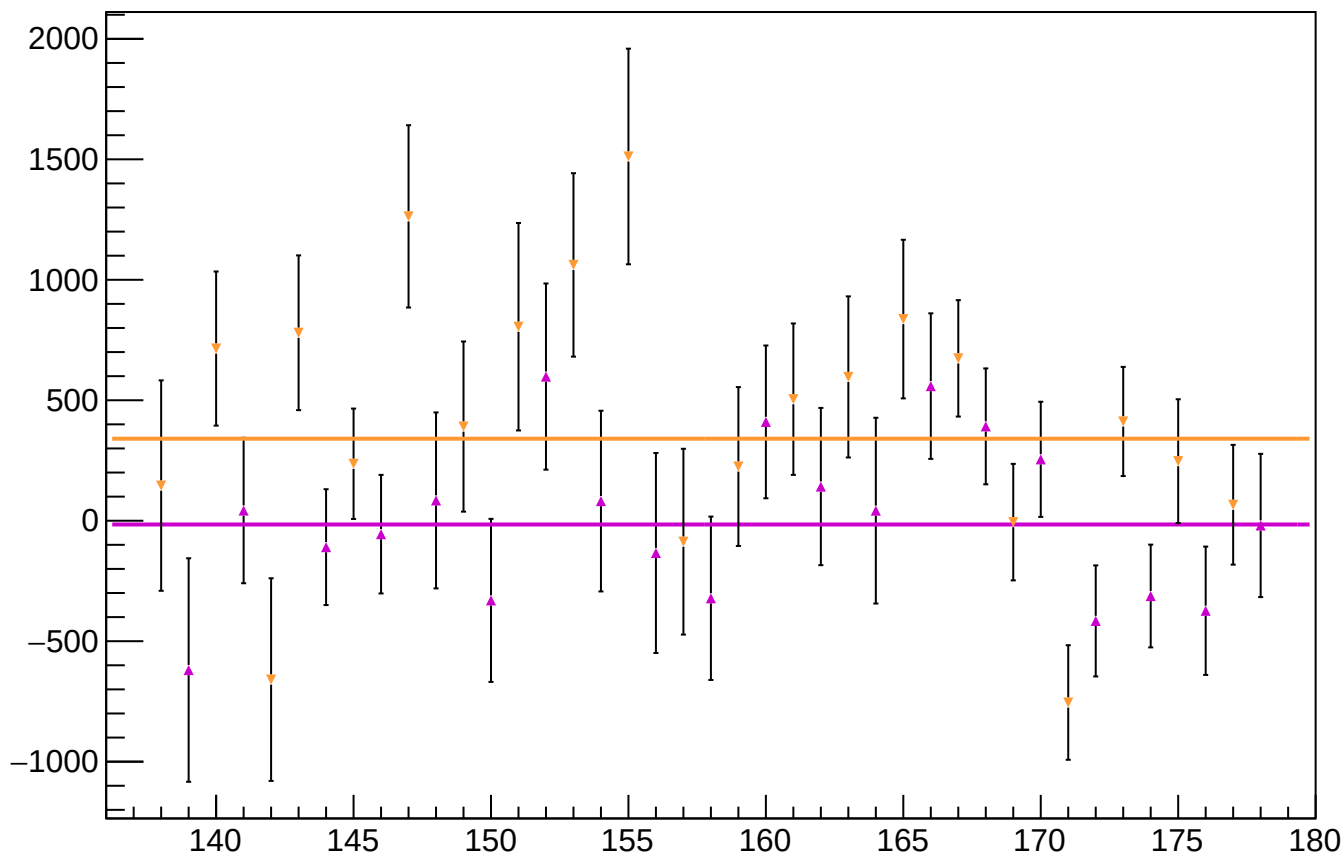
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.655+/-0.045 χ^2/NDF :1483890.0/19

Out: 245.721+/-0.045 χ^2/NDF :1658663.7/20

All: 246.183+/-0.032 χ^2/NDF : 3142769.7/40

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 340.470 ± 66.125 $\chi^2/\text{NDF}: 58.0/20$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -15.580 ± 65.646 $\chi^2/\text{NDF}: 22.9/19$

Left: 161.151 ± 46.587 $\chi^2/\text{NDF}: 95.5/40$

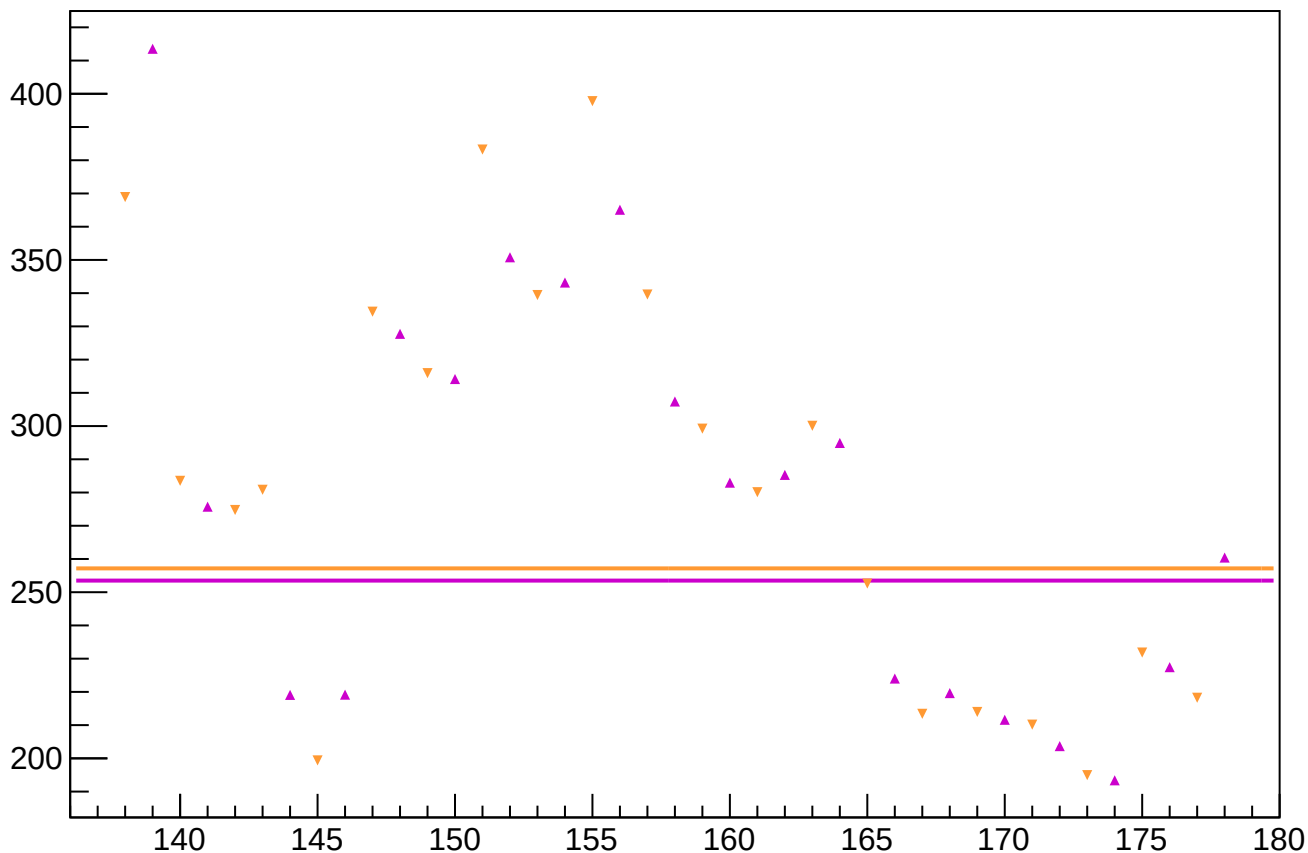
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -15.580 ± 65.646 $\chi^2/\text{NDF}: 22.9/19$

Out: 340.470 ± 66.125 $\chi^2/\text{NDF}: 58.0/20$

All: 161.151 ± 46.587 $\chi^2/\text{NDF}: 95.5/40$

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.497+/-0.046 χ^2/NDF :1364396.1/19

Left: 255.319+/-0.033 χ^2/NDF : 2849839.8/40

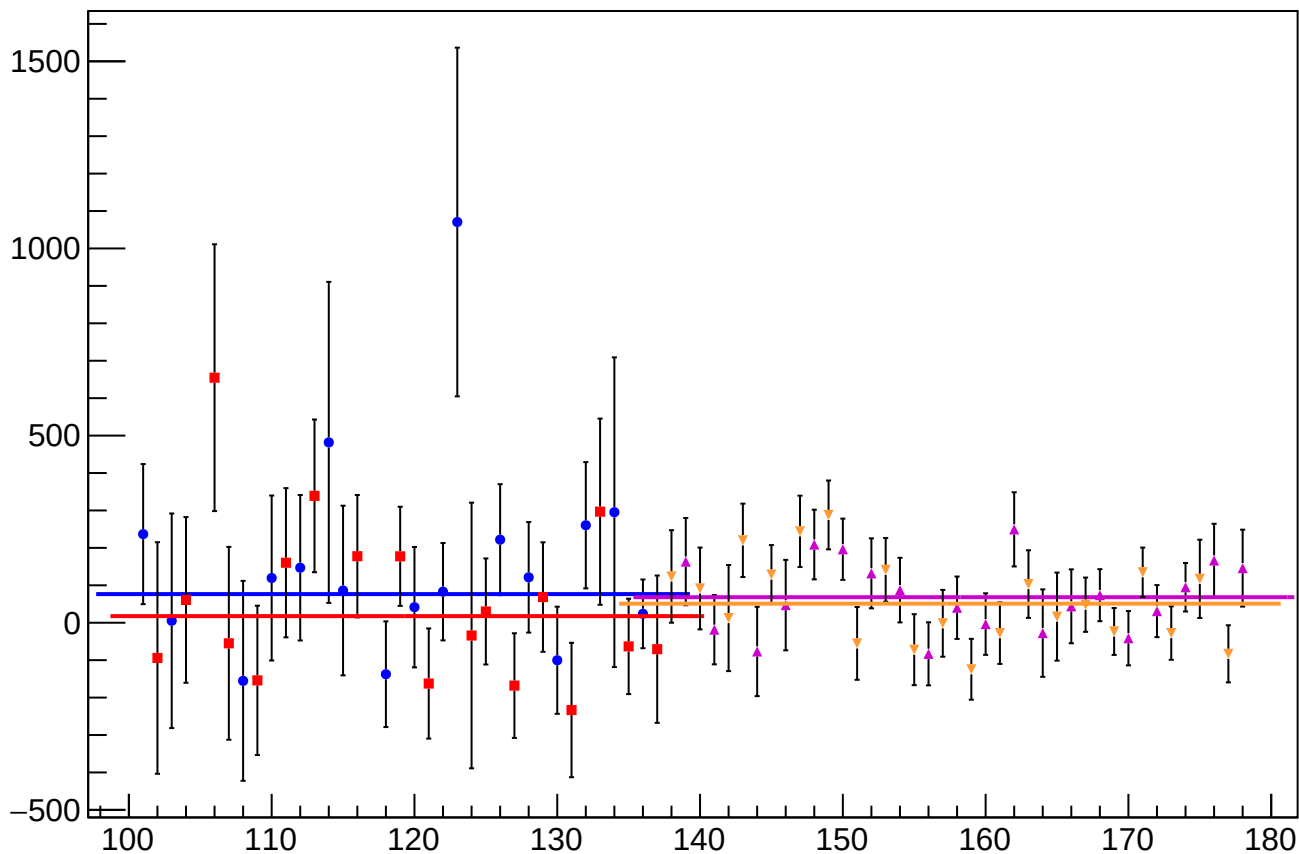
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.497+/-0.046 χ^2/NDF :1364396.1/19

Out: 257.168+/-0.047 χ^2/NDF :1482339.5/20

All: 255.319+/-0.033 χ^2/NDF : 2849839.8/40

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 50.945 $\pm$ 18.893 χ^2 /NDF:33.3/20

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 68.206 $\pm$ 19.637 χ^2 /NDF:20.8/19

Left: 59.242 $\pm$ 13.615 χ^2 /NDF: 54.5/40

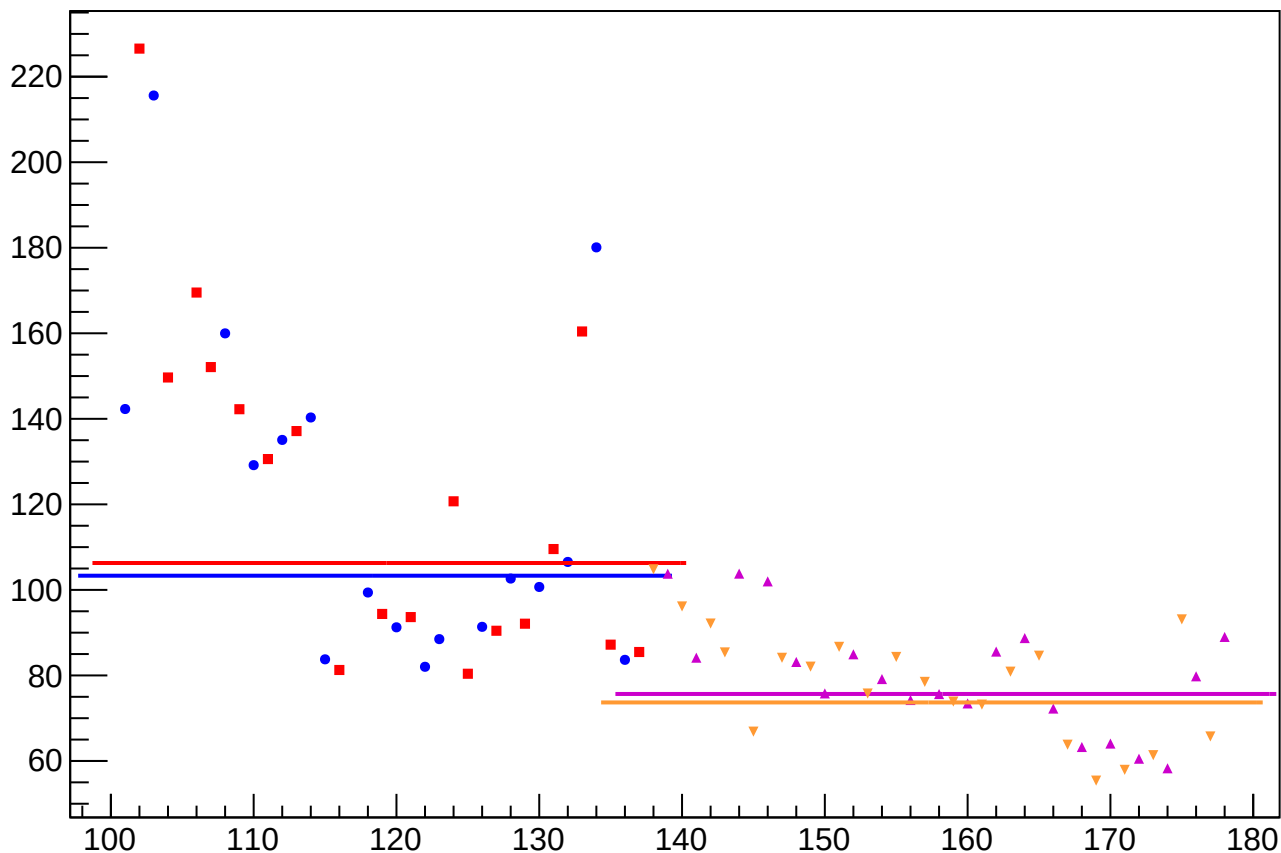
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 69.720 $\pm$ 17.754 χ^2 /NDF:34.7/36

Out: 45.400 $\pm$ 17.250 χ^2 /NDF:50.7/38

All: 57.210 $\pm$ 12.372 χ^2 /NDF: 86.3/75

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 73.684 $\pm$ 0.013 χ^2 /NDF: 899174.3/20

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 75.666 $\pm$ 0.014 χ^2 /NDF: 814983.9/19

Left: 74.637 $\pm$ 0.010 χ^2 /NDF: 1724738.4/40

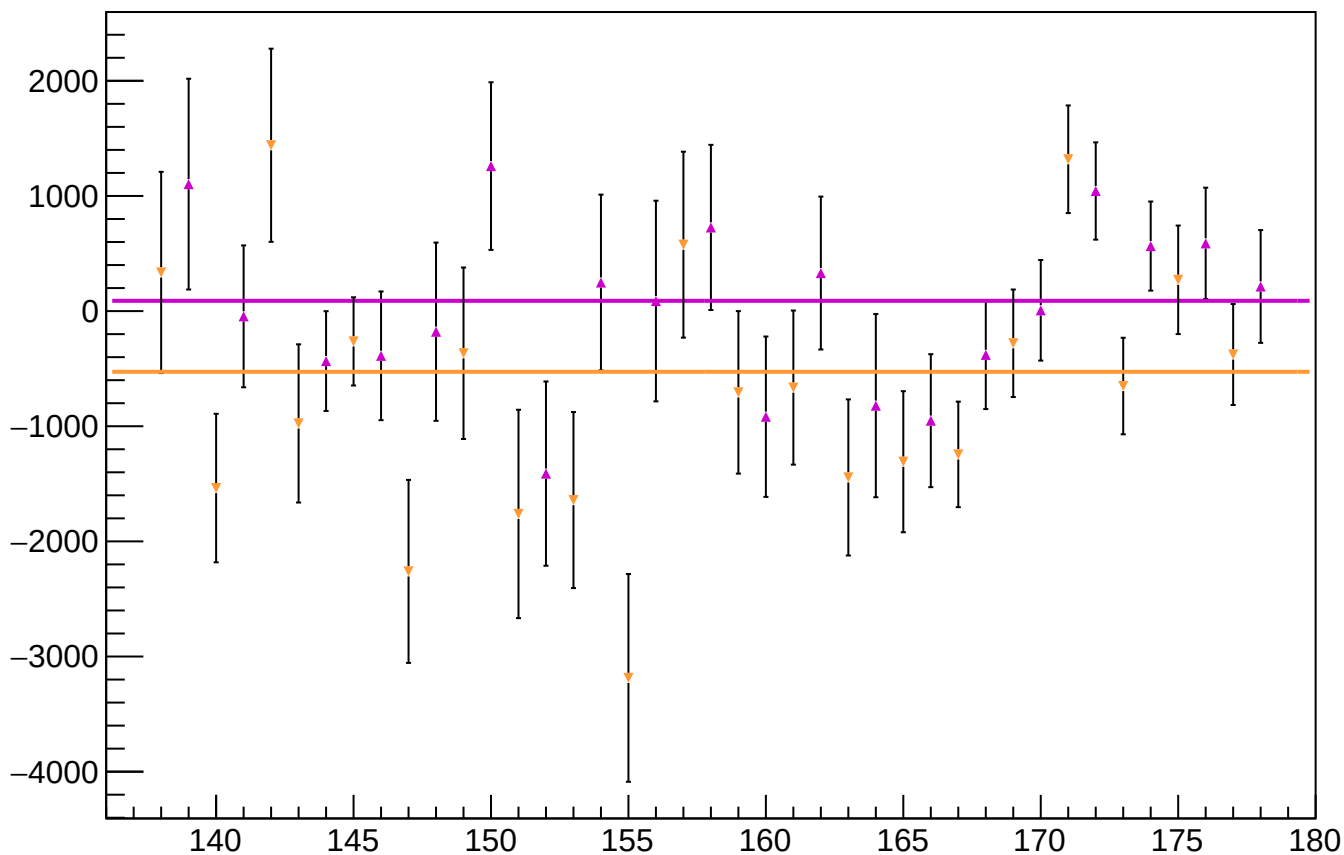
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 80.713 $\pm$ 0.013 χ^2 /NDF: 2376632.6/36

Out: 79.107 $\pm$ 0.012 χ^2 /NDF: 2890620.8/38

All: 79.887 $\pm$ 0.009 χ^2 /NDF: 5275670.9/75

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 89.286 $\pm$ 127.164 χ^2 /NDF:26.1/19

Left: -218.131 $\pm$ 90.027 χ^2 /NDF: 91.9/40

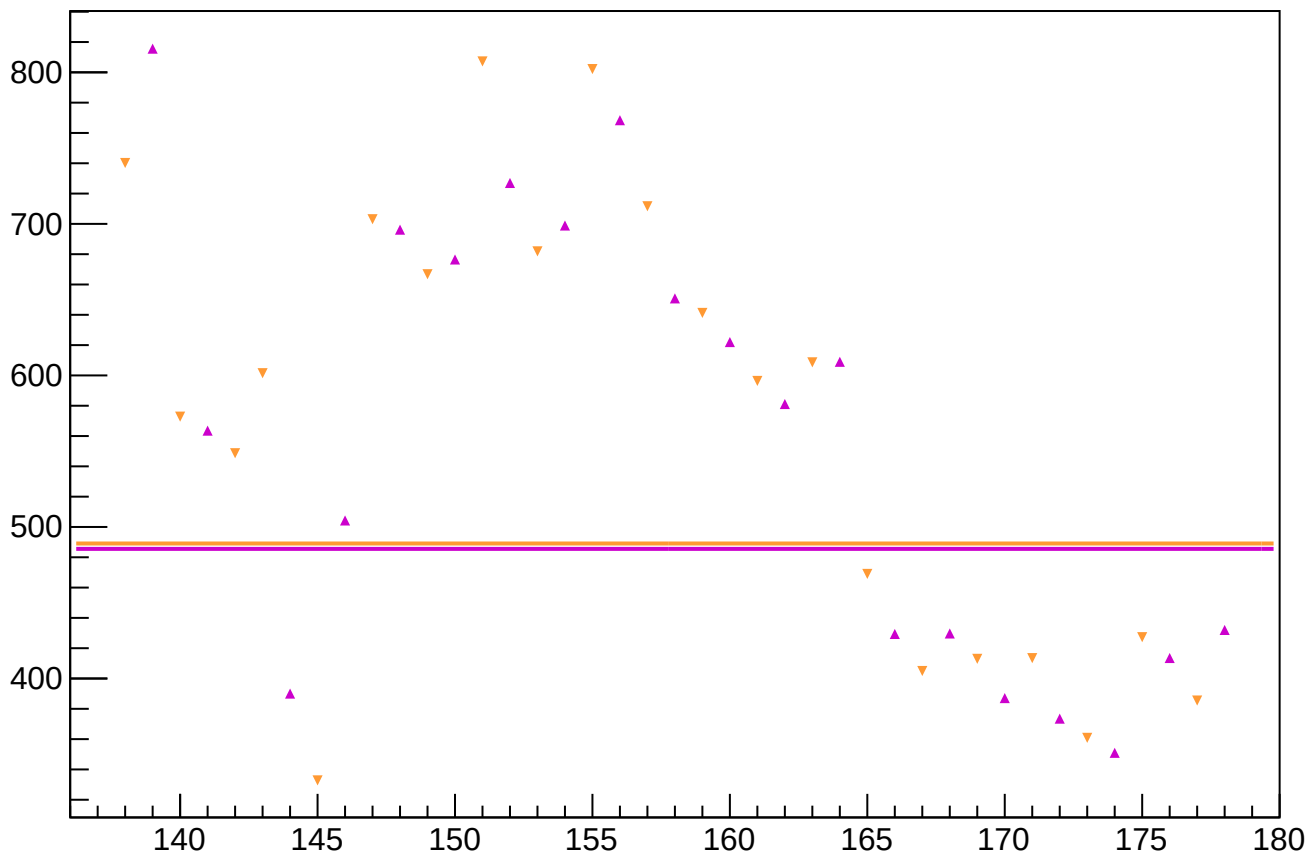
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 89.286 $\pm$ 127.164 χ^2 /NDF:26.1/19

Out: -527.024 $\pm$ 127.470 χ^2 /NDF:54.1/20

All: -218.131 $\pm$ 90.027 χ^2 /NDF: 91.9/40

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 489.092+/-0.090 χ^2/NDF :2335965.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 485.543+/-0.090 χ^2/NDF :2098450.1/19

Left: 487.313+/-0.064 χ^2/NDF : 4435193.0/40

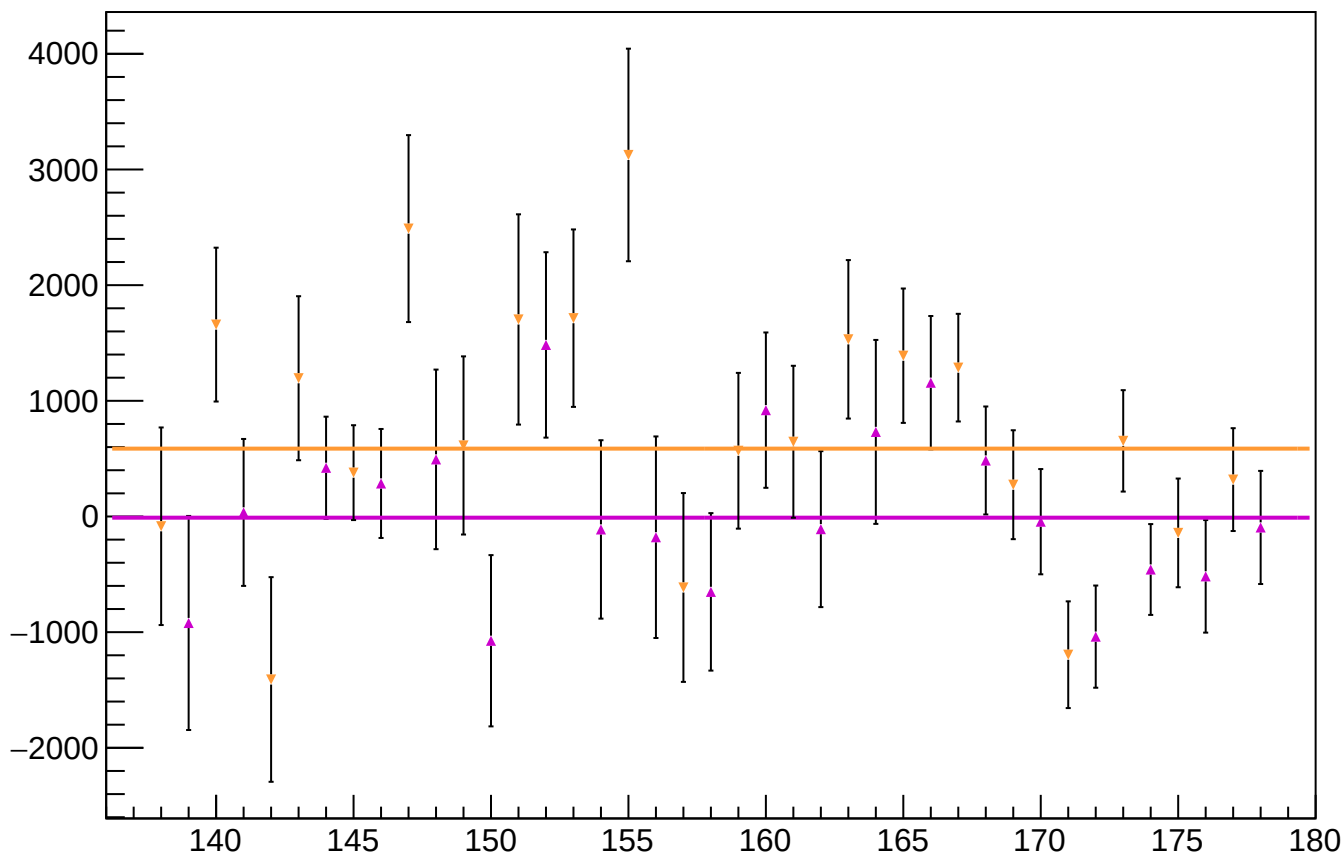
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 485.543+/-0.090 χ^2/NDF :2098450.1/19

Out: 489.092+/-0.090 χ^2/NDF :2335965.5/20

All: 487.313+/-0.064 χ^2/NDF : 4435193.0/40

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 586.727+/-129.214 χ^2/NDF : 52.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.300+/-127.081 χ^2/NDF : 25.1/19

Left: 283.245+/-90.605 χ^2/NDF : 88.5/40

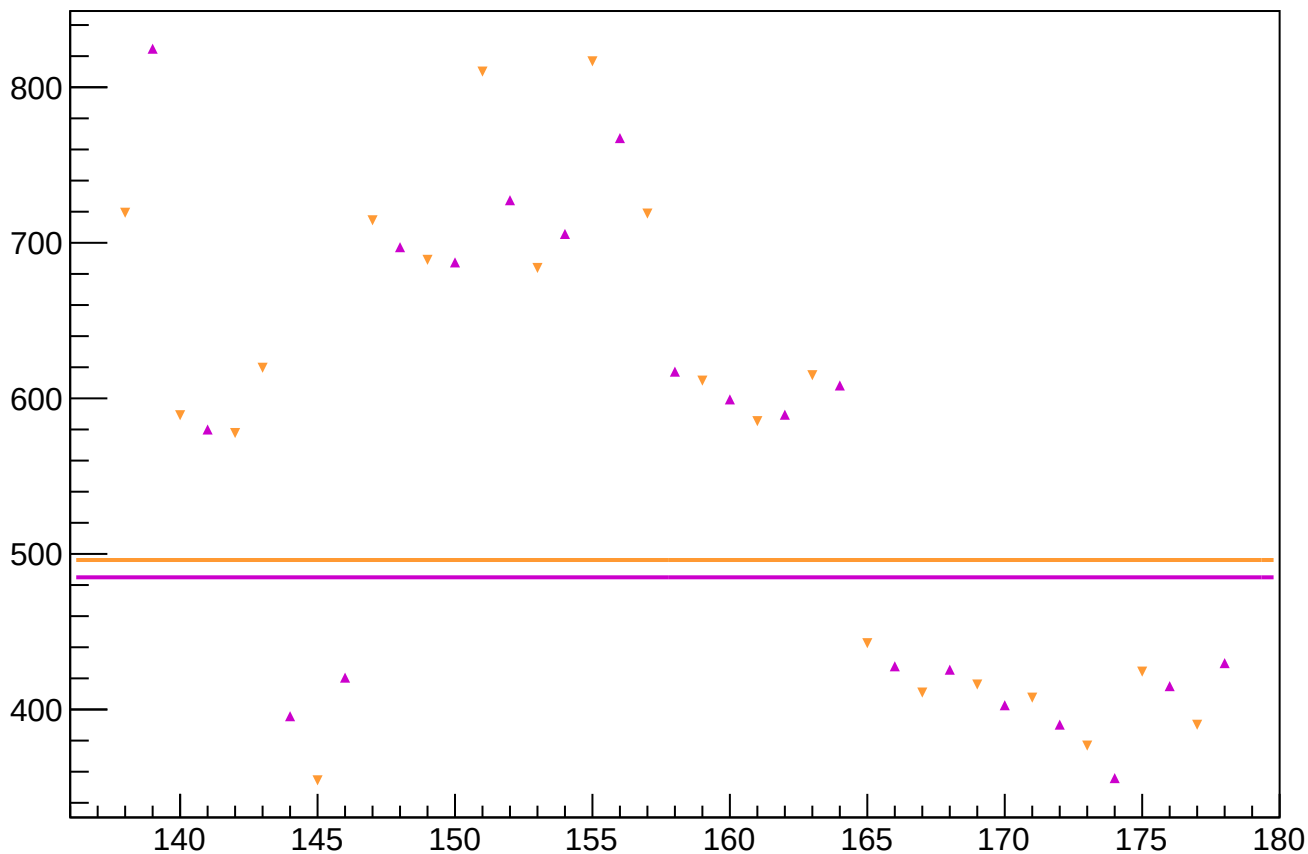
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.300+/-127.081 χ^2/NDF : 25.1/19

Out: 586.727+/-129.214 χ^2/NDF : 52.5/20

All: 283.245+/-90.605 χ^2/NDF : 88.5/40

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 484.963+/-0.090 χ^2/NDF :2011511.7/19

Left: 490.435+/-0.064 χ^2/NDF : 4212961.4/40

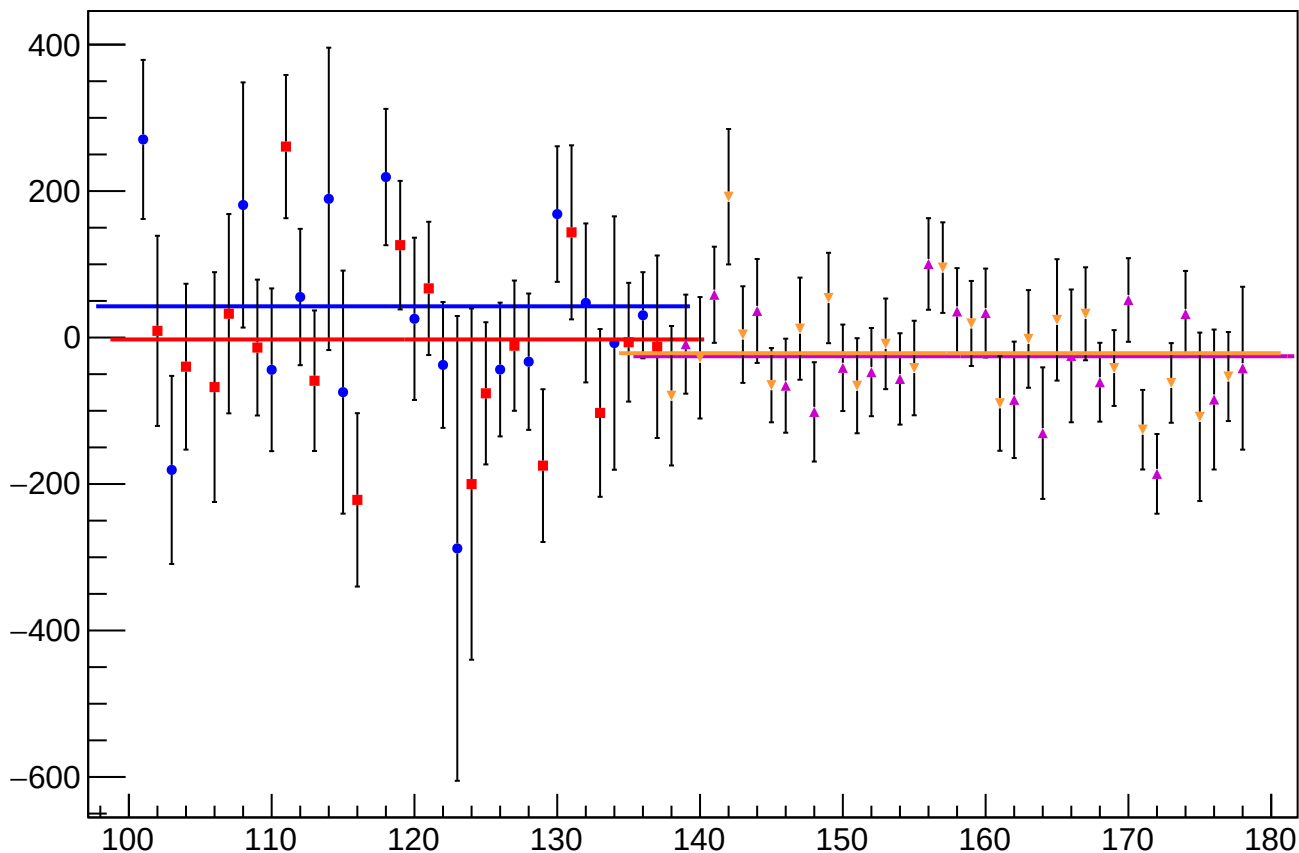
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 484.963+/-0.090 χ^2/NDF :2011511.7/19

Out: 496.093+/-0.091 χ^2/NDF :2193906.6/20

All: 490.435+/-0.064 χ^2/NDF : 4212961.4/40

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -21.380 $\pm$ 14.127 χ^2/NDF :20.5/20

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: -25.534 $\pm$ 14.720 χ^2/NDF :24.9/19

Left: -23.372 $\pm$ 10.193 χ^2/NDF : 45.4/40

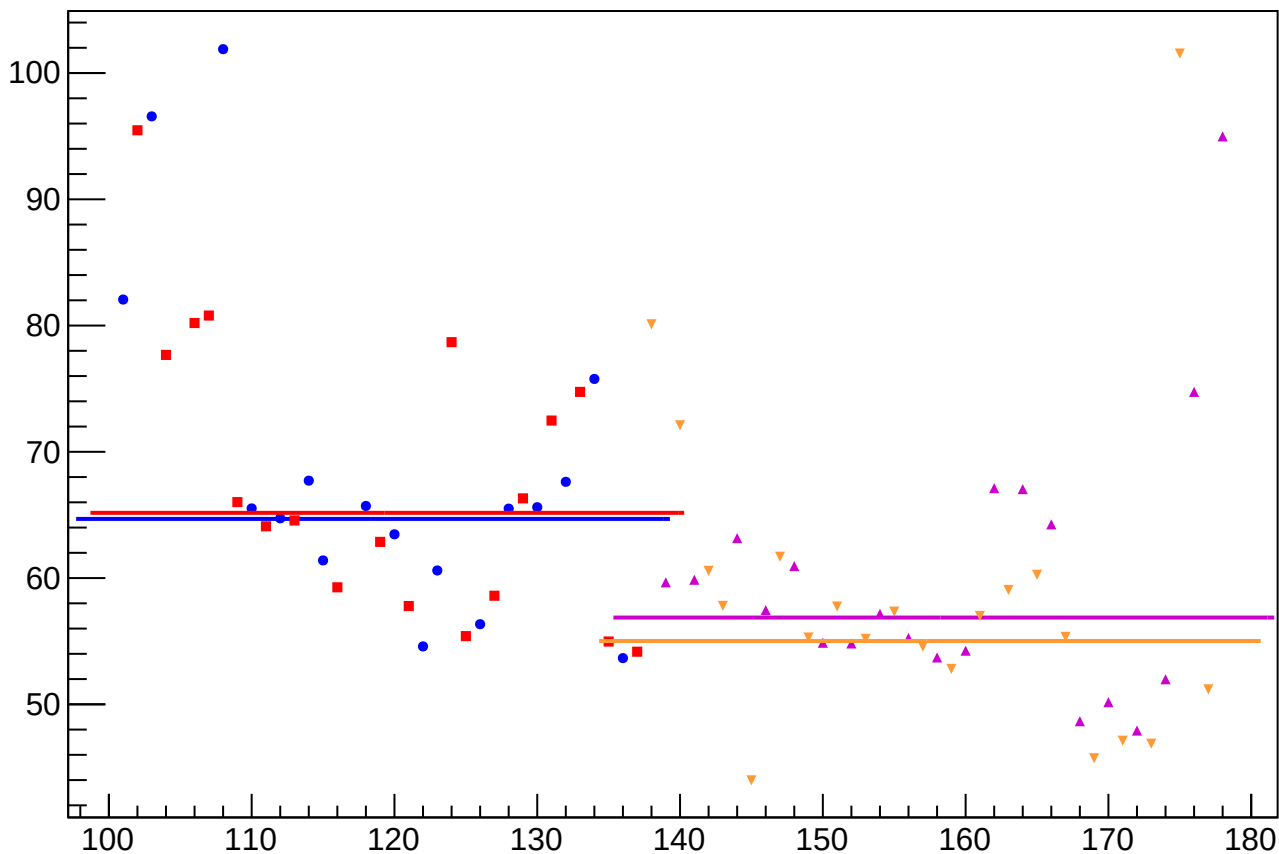
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: -8.477 $\pm$ 12.747 χ^2/NDF :49.1/36

Out: -16.853 $\pm$ 12.310 χ^2/NDF :41.3/38

All: -12.811 $\pm$ 8.855 χ^2/NDF : 90.6/75

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.014 $\pm$ 0.010 χ^2 /NDF: 860884.4/20

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 56.872 $\pm$ 0.010 χ^2 /NDF: 565114.9/19

Left: 55.905 $\pm$ 0.007 χ^2 /NDF: 1442592.4/40

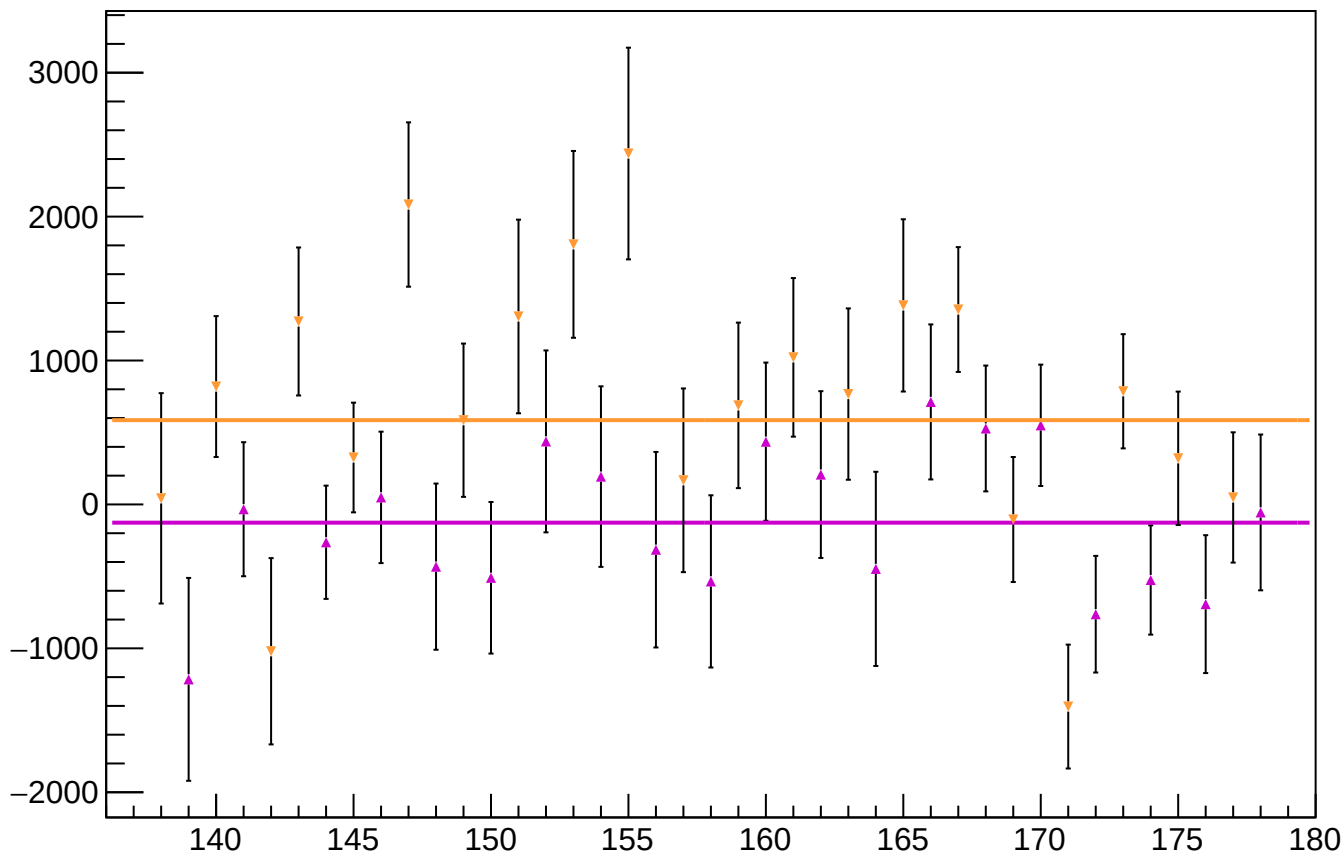
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 58.827 $\pm$ 0.009 χ^2 /NDF: 1106257.6/36

Out: 57.458 $\pm$ 0.009 χ^2 /NDF: 1414188.4/38

All: 58.119 $\pm$ 0.006 χ^2 /NDF: 2532372.4/75

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 585.674+/-112.932 χ^2/NDF : 59.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -126.730+/-113.177 χ^2/NDF : 18.9/19

Left: 230.243+/-79.941 χ^2/NDF : 97.9/40

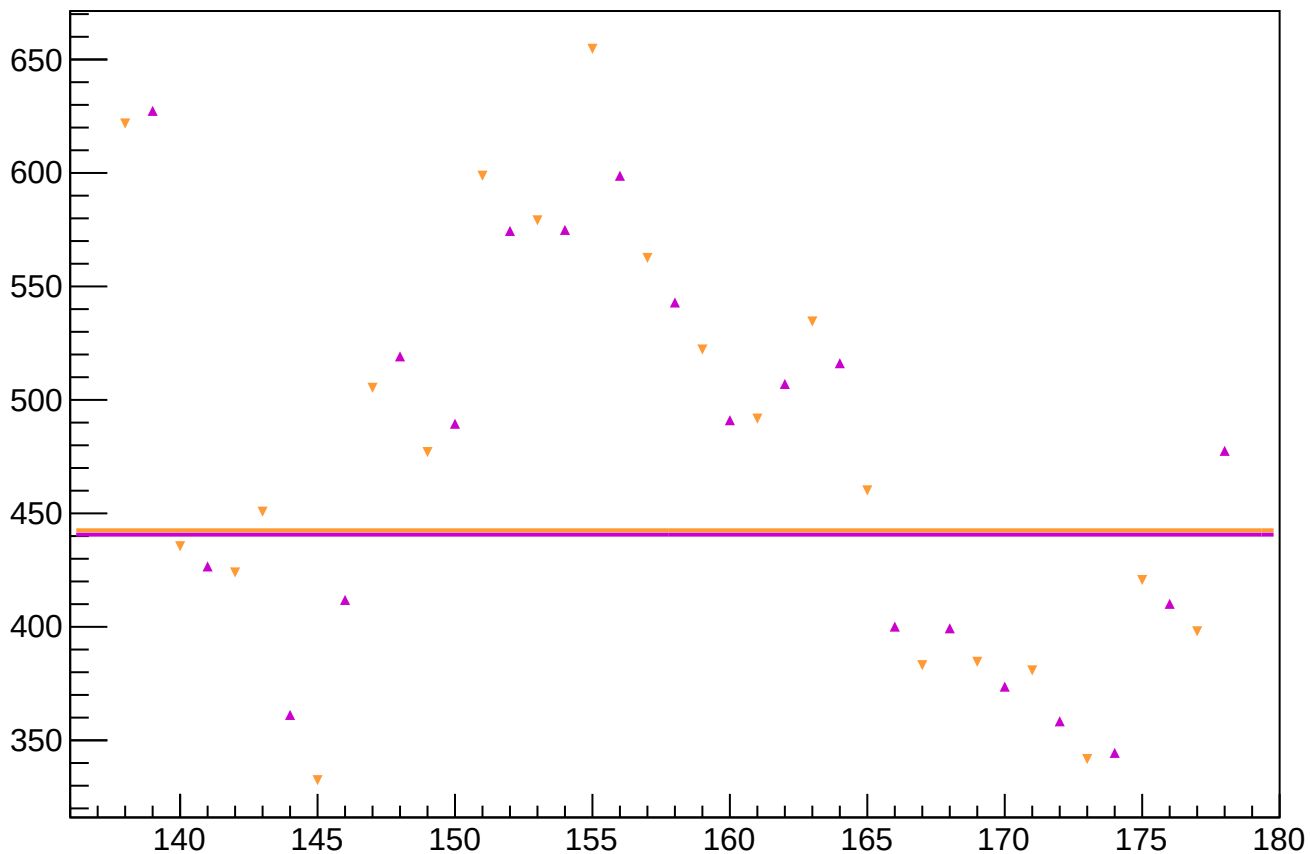
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -126.730+/-113.177 χ^2/NDF : 18.9/19

Out: 585.674+/-112.932 χ^2/NDF : 59.1/20

All: 230.243+/-79.941 χ^2/NDF : 97.9/40

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.554+/-0.080 χ^2/NDF :1126891.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.640+/-0.080 χ^2/NDF :1009785.1/19

Left: 441.599+/-0.057 χ^2/NDF : 2136963.6/40

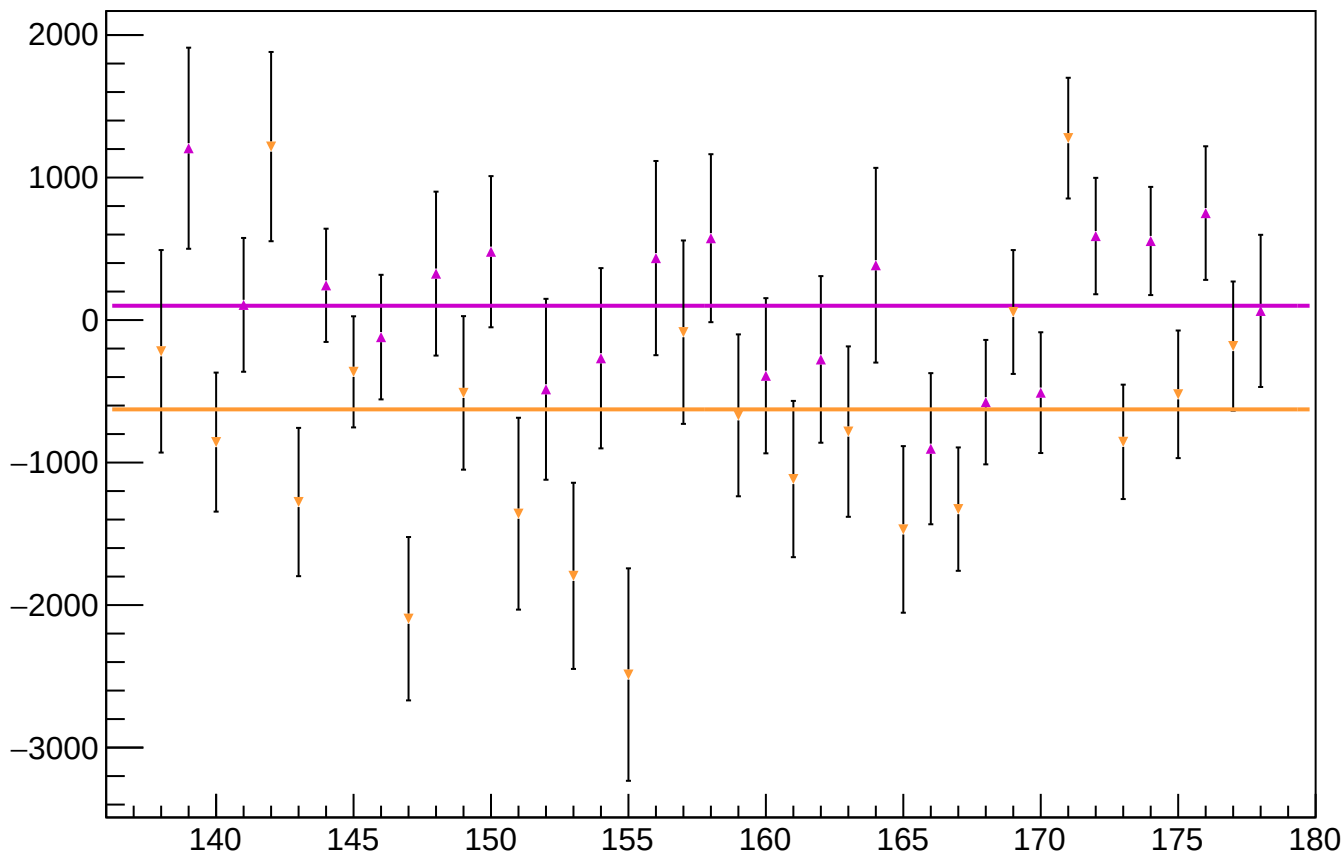
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.640+/-0.080 χ^2/NDF :1009785.1/19

Out: 442.554+/-0.080 χ^2/NDF :1126891.9/20

All: 441.599+/-0.057 χ^2/NDF : 2136963.6/40

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -626.785+/-112.938 χ^2/NDF :57.8/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 100.404+/-112.858 χ^2/NDF :19.8/19

Left: -262.932+/-79.831 χ^2/NDF : 98.4/40

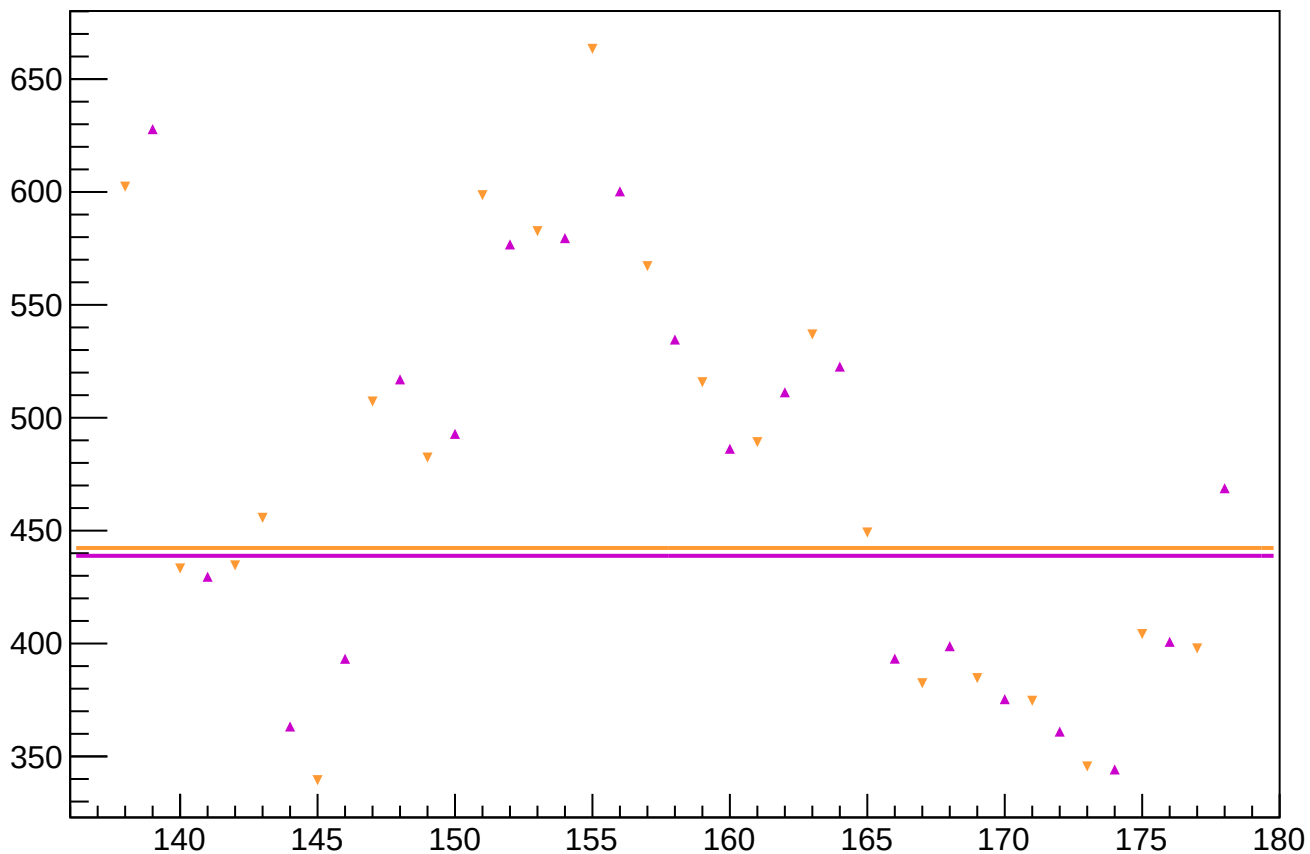
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 100.404+/-112.858 χ^2/NDF :19.8/19

Out: -626.785+/-112.938 χ^2/NDF :57.8/20

All: -262.932+/-79.831 χ^2/NDF : 98.4/40

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.851+/-0.080 χ^2/NDF :1023509.5/19

Left: 440.587+/-0.056 χ^2/NDF : 2128186.9/40

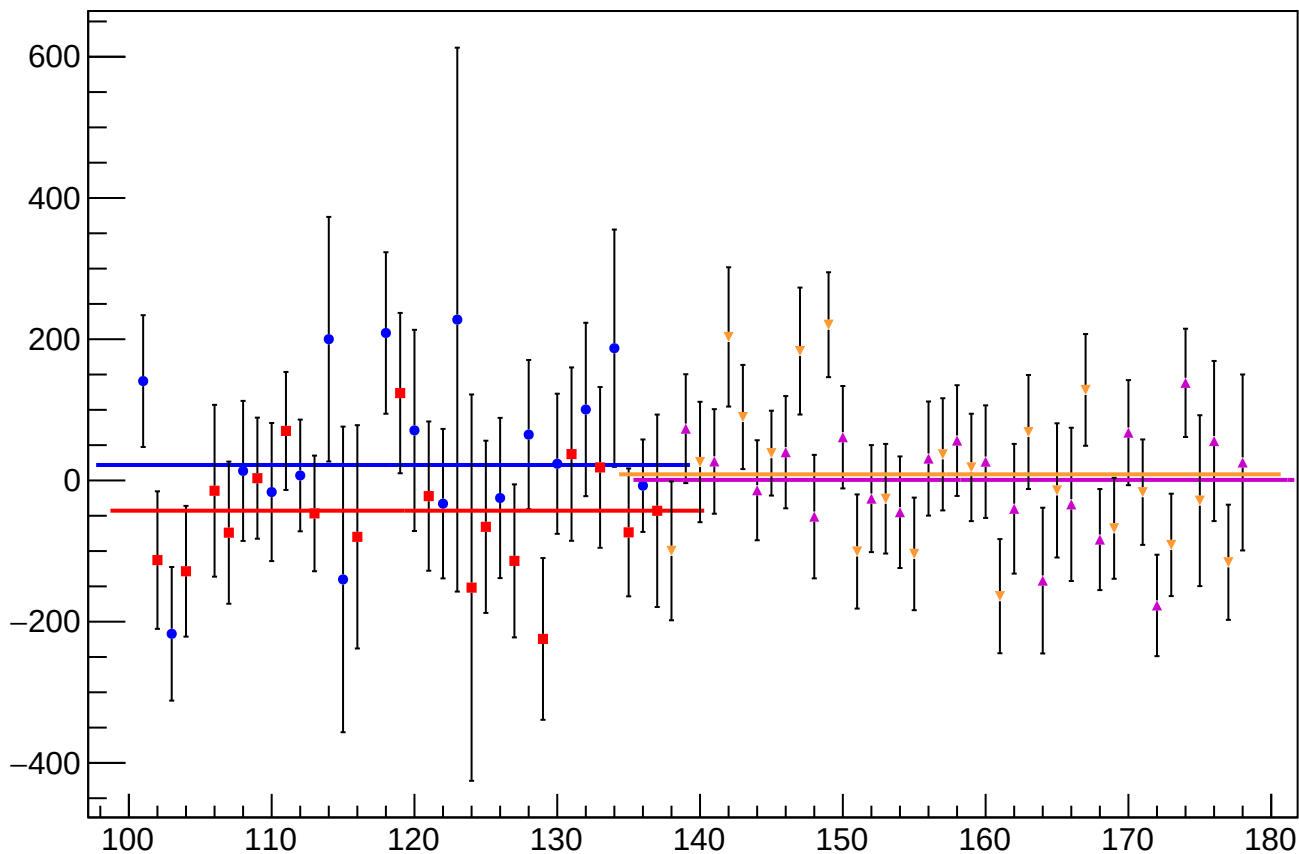
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.851+/-0.080 χ^2/NDF :1023509.5/19

Out: 442.326+/-0.080 χ^2/NDF :1103730.2/20

All: 440.587+/-0.056 χ^2/NDF : 2128186.9/40

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 $\chi^2/\text{NDF}: 15.1/16$

Left Out: 8.682 ± 17.465 $\chi^2/\text{NDF}: 35.7/20$

Right Out: -42.817 ± 25.116 $\chi^2/\text{NDF}: 9.9/17$

Left In: 0.774 ± 18.208 $\chi^2/\text{NDF}: 17.6/19$

Left: 4.893 ± 12.604 $\chi^2/\text{NDF}: 53.4/40$

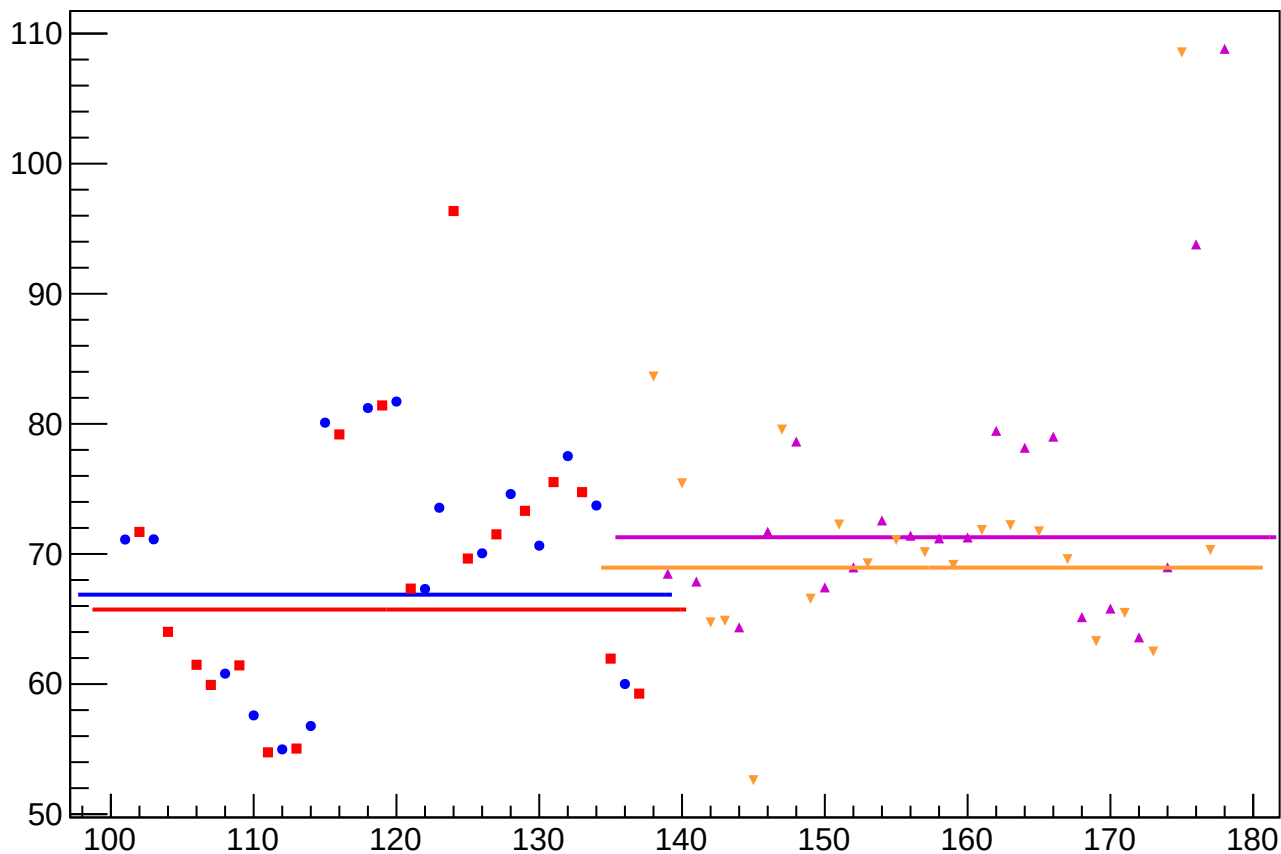
Right: -11.642 ± 18.082 $\chi^2/\text{NDF}: 28.1/34$

In: 7.709 ± 14.925 $\chi^2/\text{NDF}: 33.1/36$

Out: -8.104 ± 14.339 $\chi^2/\text{NDF}: 48.4/38$

All: -0.514 ± 10.340 $\chi^2/\text{NDF}: 82.1/75$

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 68.950 $\pm$ 0.012 χ^2/NDF : 504269.3/20

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 71.286 $\pm$ 0.013 χ^2/NDF : 393816.0/19

Left: 70.069 $\pm$ 0.009 χ^2/NDF : 915228.6/40

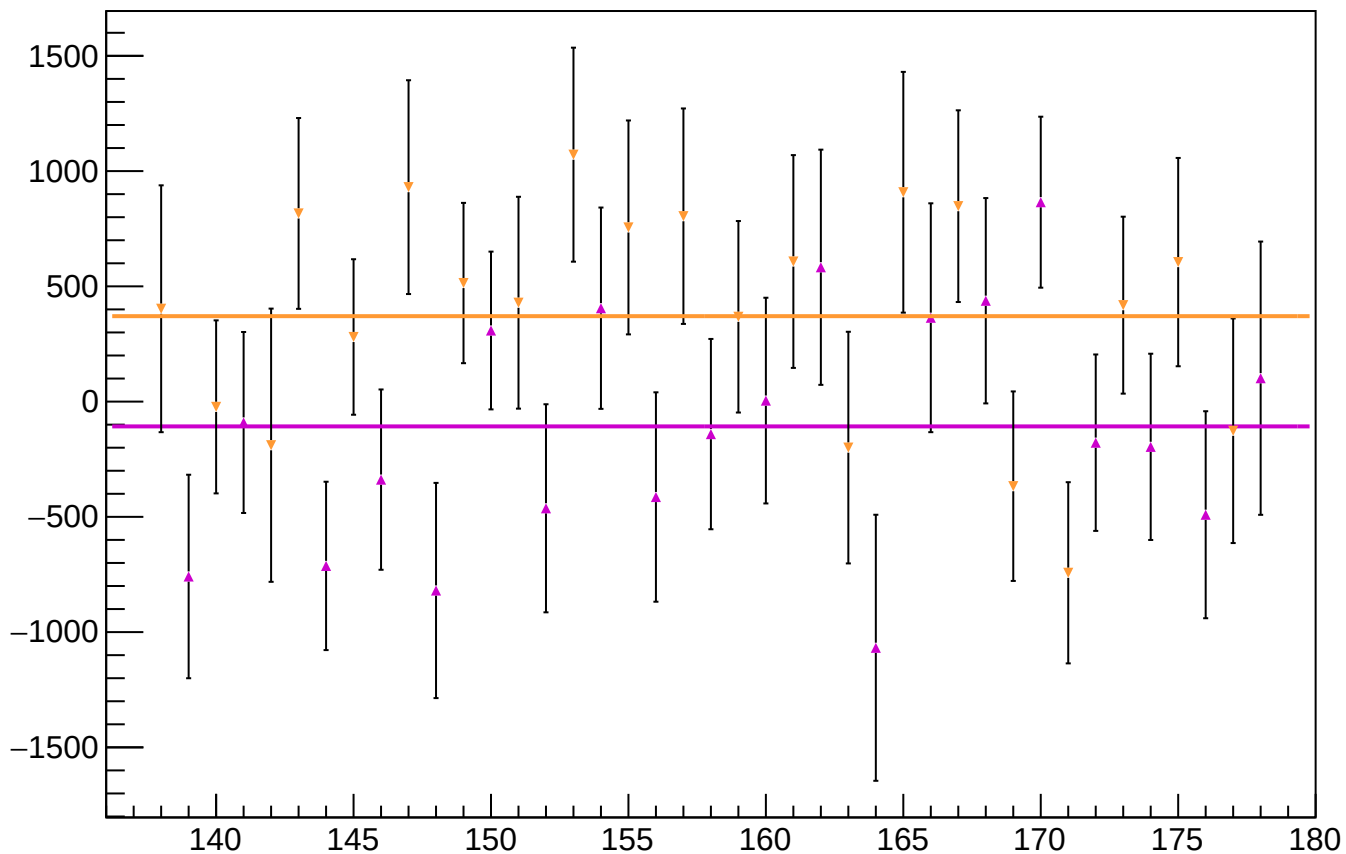
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 69.838 $\pm$ 0.011 χ^2/NDF : 634893.8/36

Out: 67.901 $\pm$ 0.010 χ^2/NDF : 745287.5/38

All: 68.830 $\pm$ 0.007 χ^2/NDF : 1397698.2/75

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 370.641+/-94.593 χ^2/NDF :25.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -107.568+/-95.939 χ^2/NDF :26.4/19

Left: 134.915+/-67.358 χ^2/NDF : 64.2/40

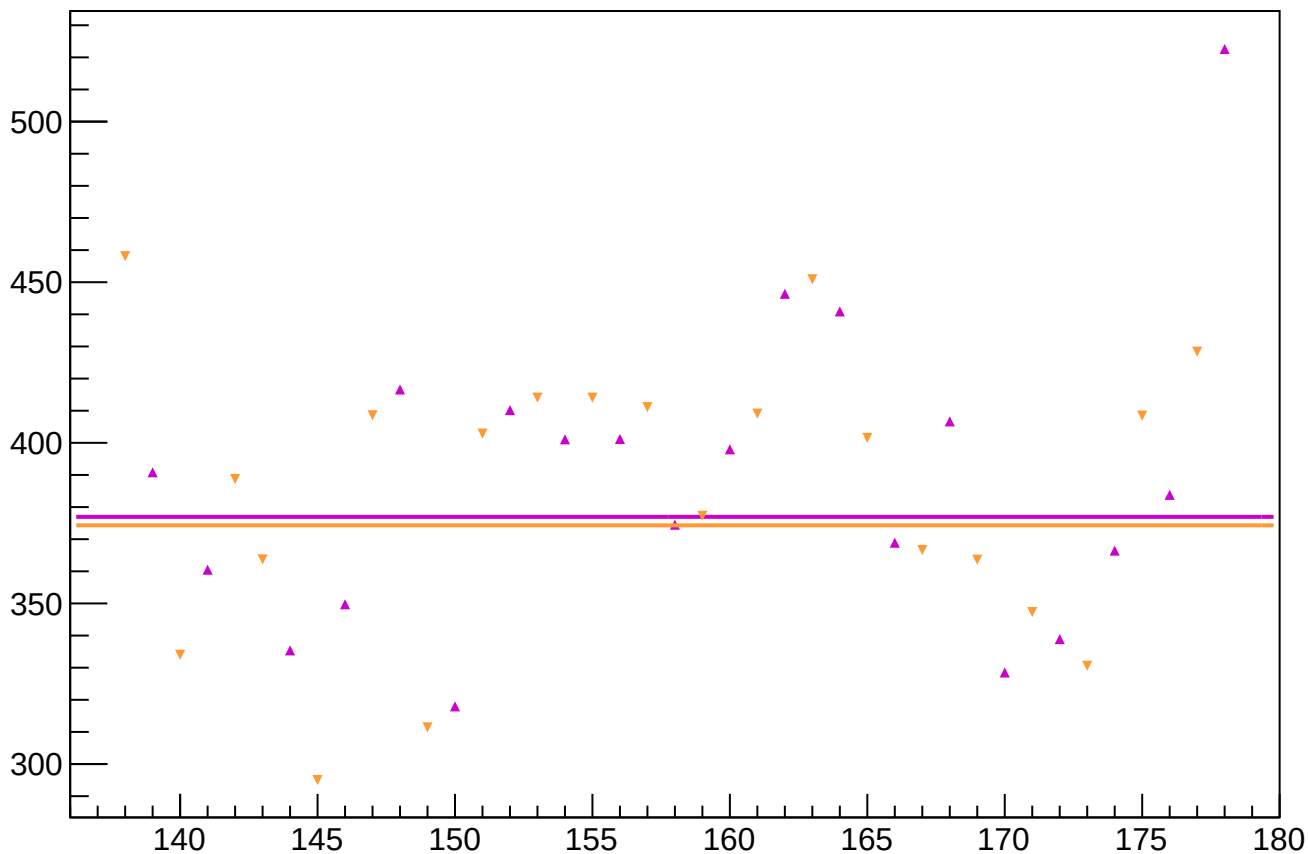
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -107.568+/-95.939 χ^2/NDF :26.4/19

Out: 370.641+/-94.593 χ^2/NDF :25.2/20

All: 134.915+/-67.358 χ^2/NDF : 64.2/40

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 374.310+/-0.067 χ^2/NDF : 447697.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.958+/-0.068 χ^2/NDF : 389658.3/19

Left: 375.615+/-0.048 χ^2/NDF : 838127.7/40

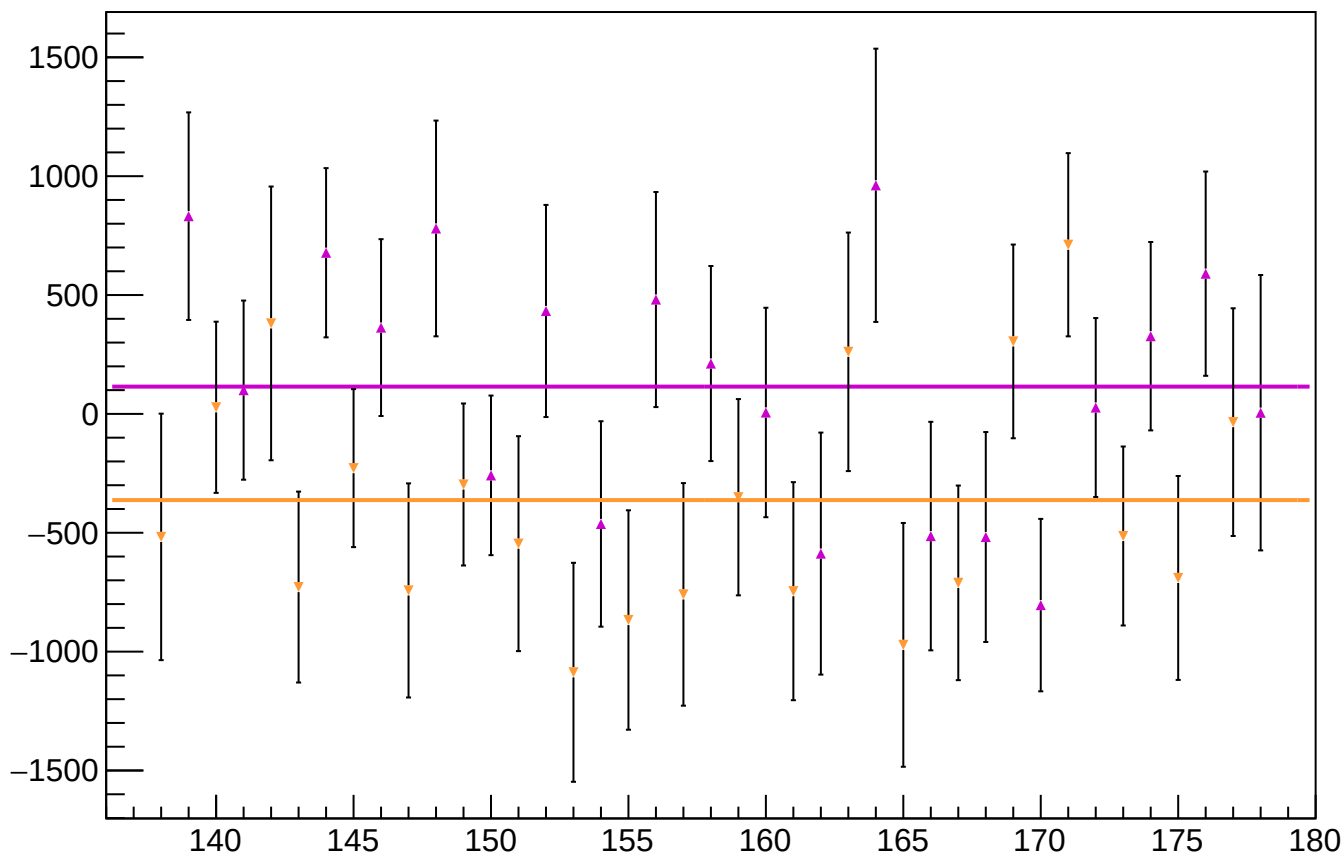
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.958+/-0.068 χ^2/NDF : 389658.3/19

Out: 374.310+/-0.067 χ^2/NDF : 447697.2/20

All: 375.615+/-0.048 χ^2/NDF : 838127.7/40

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -362.555+/-92.810 χ^2/NDF :25.3/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 114.792+/-93.956 χ^2/NDF :28.0/19

Left: -126.810+/-66.028 χ^2/NDF : 66.3/40

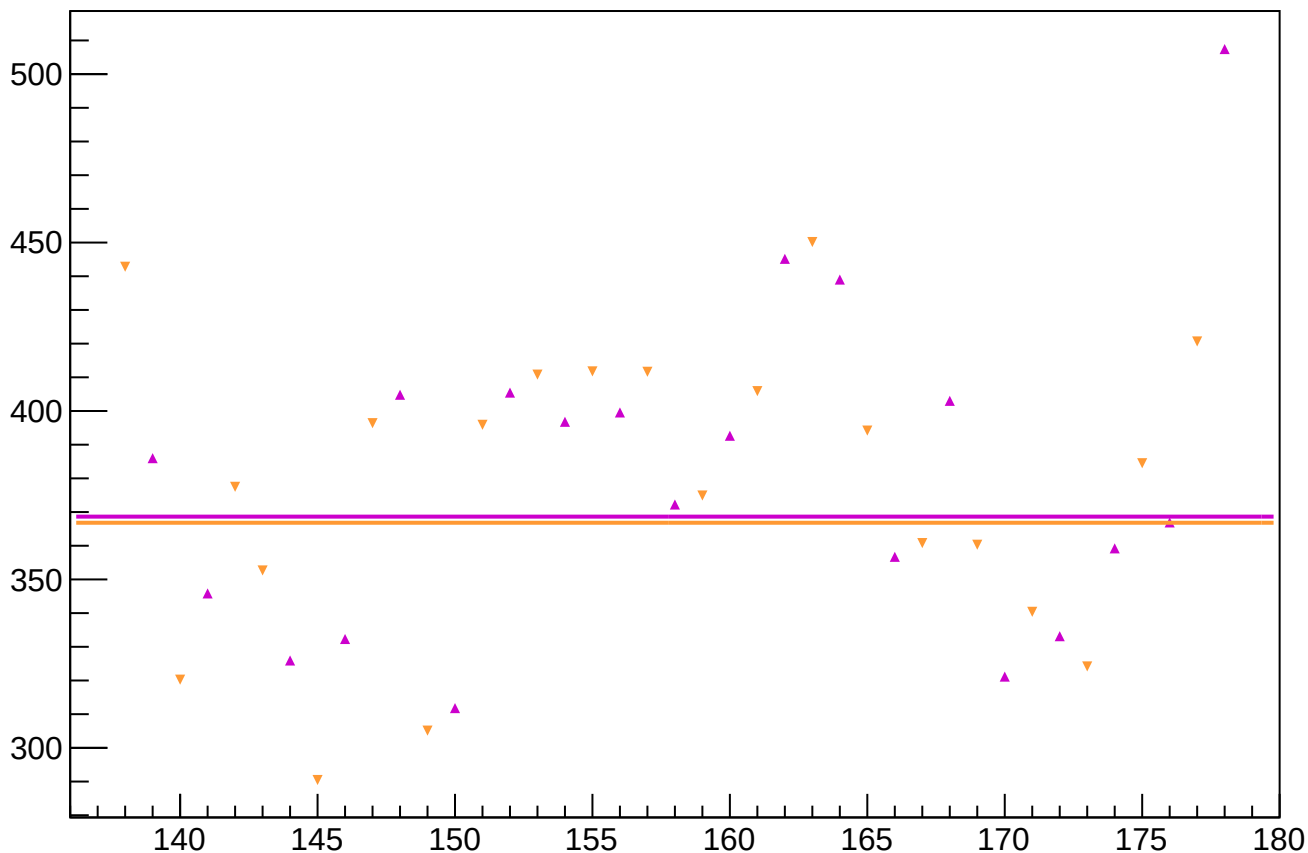
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 114.792+/-93.956 χ^2/NDF :28.0/19

Out: -362.555+/-92.810 χ^2/NDF :25.3/20

All: -126.810+/-66.028 χ^2/NDF : 66.3/40

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 368.644+/-0.066 χ^2/NDF : 422630.7/19

Left: 367.724+/-0.047 χ^2/NDF : 887118.5/40

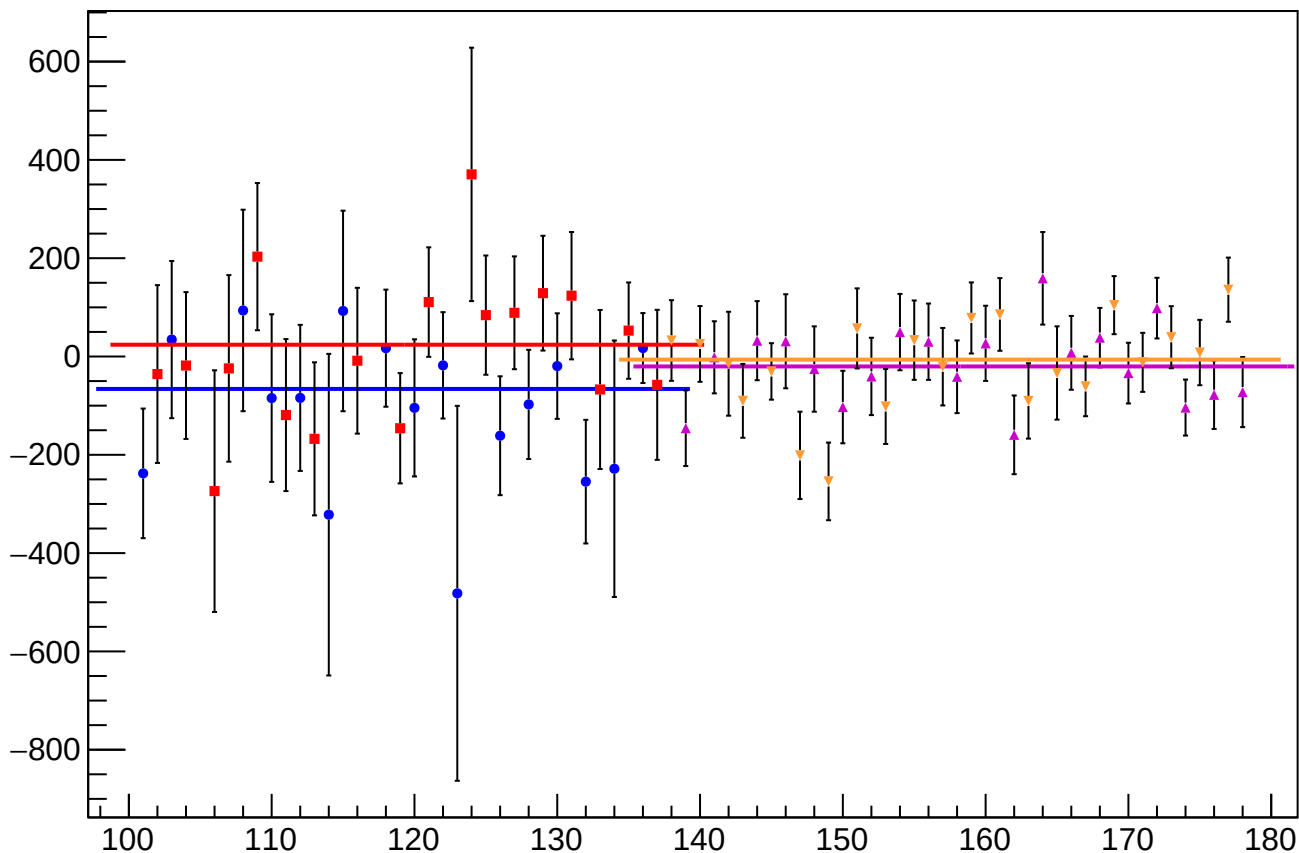
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 368.644+/-0.066 χ^2/NDF : 422630.7/19

Out: 366.827+/-0.066 χ^2/NDF : 464109.3/20

All: 367.724+/-0.047 χ^2/NDF : 887118.5/40

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -6.332 ± 15.785 χ^2/NDF : 32.8/20

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -20.238 ± 16.358 χ^2/NDF : 21.3/19

Left: -13.037 ± 11.359 χ^2/NDF : 54.4/40

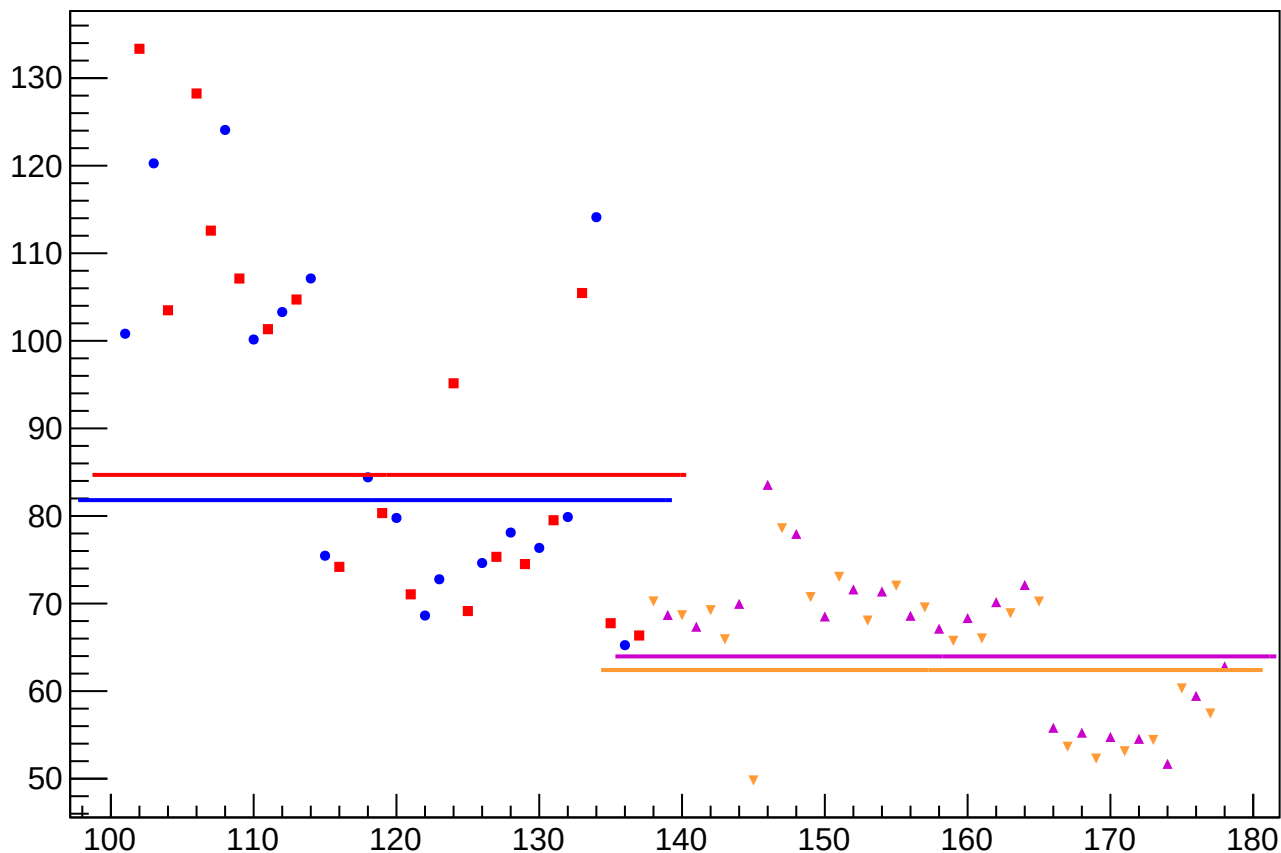
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -29.579 ± 14.592 χ^2/NDF : 33.7/36

Out: -0.629 ± 14.223 χ^2/NDF : 46.4/38

All: -14.733 ± 10.185 χ^2/NDF : 82.1/75

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 62.406 $\pm$ 0.011 χ^2/NDF : 549400.8/20

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 63.964 $\pm$ 0.012 χ^2/NDF : 505374.1/19

Left: 63.157 $\pm$ 0.008 χ^2/NDF : 1064172.9/40

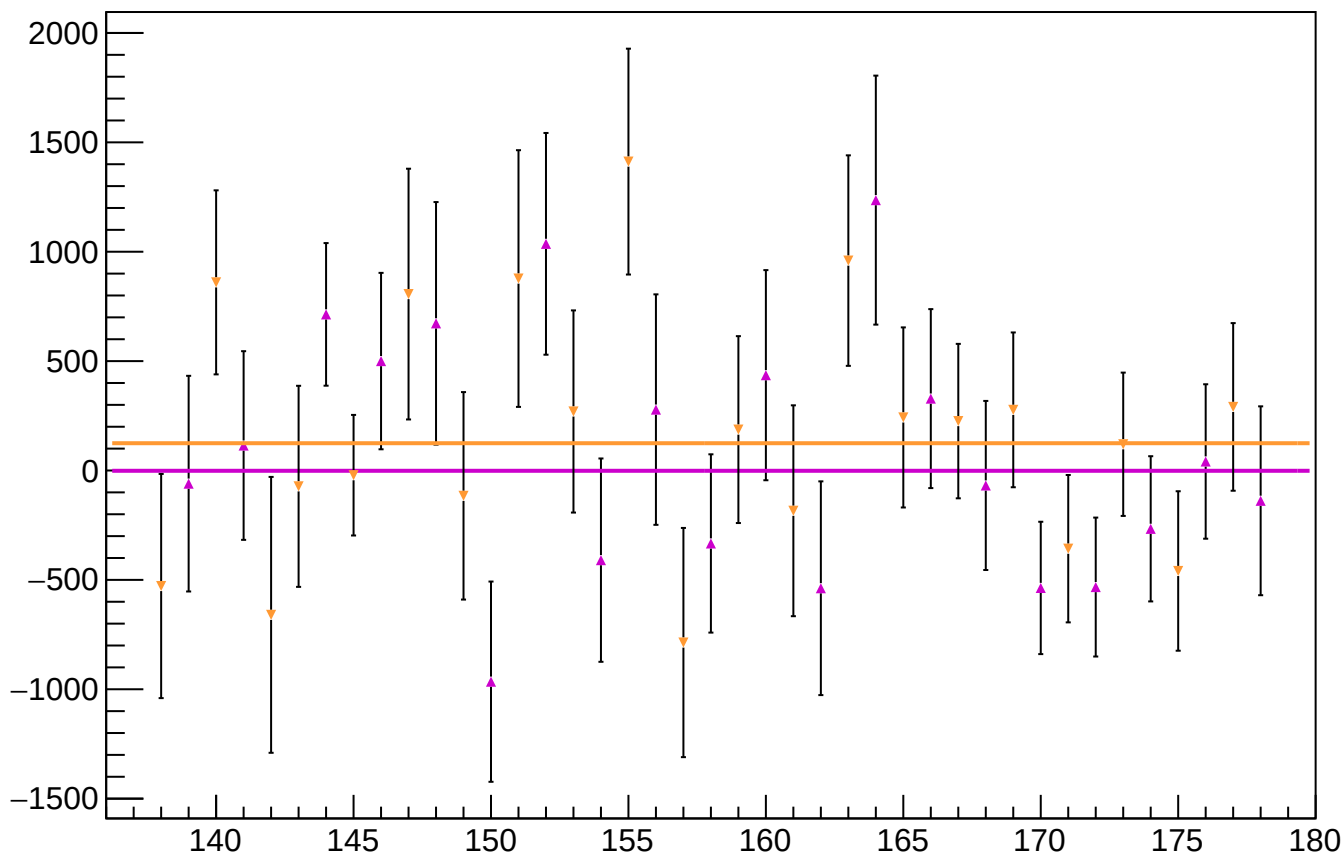
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 67.608 $\pm$ 0.010 χ^2/NDF : 1498664.4/36

Out: 66.599 $\pm$ 0.010 χ^2/NDF : 1915323.4/38

All: 67.091 $\pm$ 0.007 χ^2/NDF : 3418899.3/75

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -1.335 $\pm$ 91.732 χ^2 /NDF:32.4/19

Left: 62.225 $\pm$ 64.592 χ^2 /NDF: 61.3/40

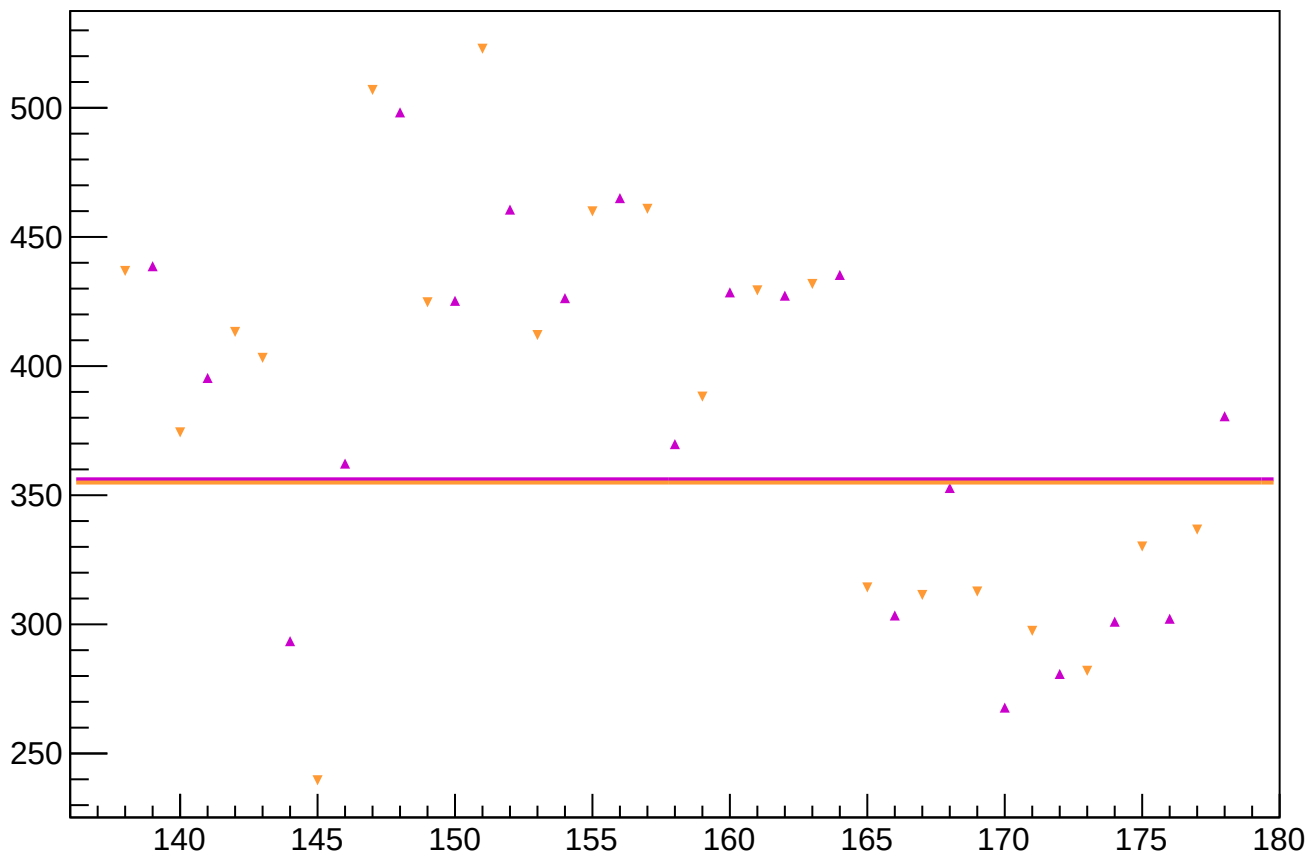
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -1.335 $\pm$ 91.732 χ^2 /NDF:32.4/19

Out: 124.727 $\pm$ 90.966 χ^2 /NDF:27.9/20

All: 62.225 $\pm$ 64.592 χ^2 /NDF: 61.3/40

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 354.911+/-0.064 χ^2/NDF :1347827.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 356.153+/-0.065 χ^2/NDF :1093841.7/19

Left: 355.527+/-0.046 χ^2/NDF : 2441854.1/40

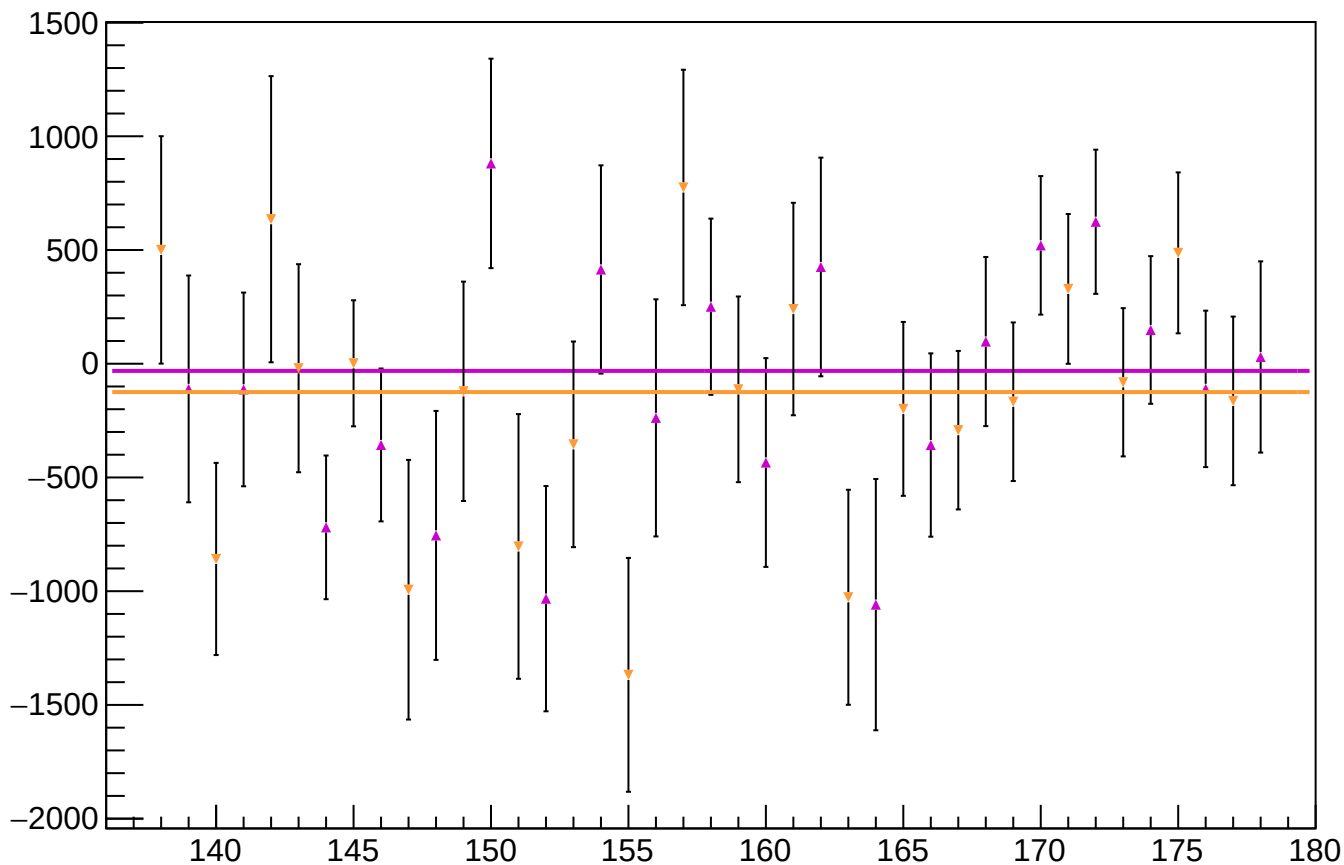
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 356.153+/-0.065 χ^2/NDF :1093841.7/19

Out: 354.911+/-0.064 χ^2/NDF :1347827.5/20

All: 355.527+/-0.046 χ^2/NDF : 2441854.1/40

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -124.597+/-89.461 χ^2/NDF :28.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.554+/-89.170 χ^2/NDF :31.0/19

Left: -77.924+/-63.155 χ^2/NDF : 60.1/40

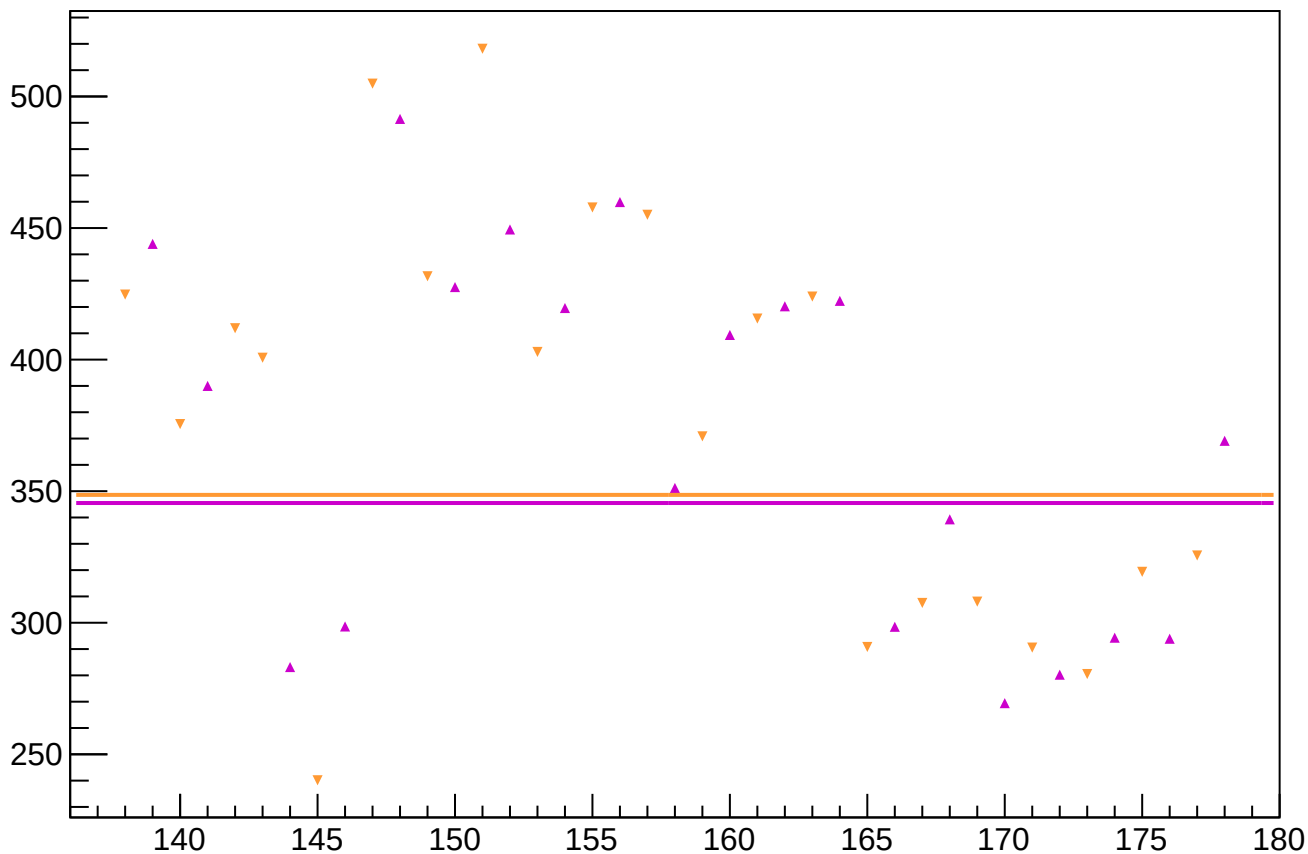
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.554+/-89.170 χ^2/NDF :31.0/19

Out: -124.597+/-89.461 χ^2/NDF :28.6/20

All: -77.924+/-63.155 χ^2/NDF : 60.1/40

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 348.592+/-0.063 χ^2/NDF :1359460.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 345.500+/-0.063 χ^2/NDF :1124127.7/19

Left: 347.041+/-0.045 χ^2/NDF : 2484786.0/40

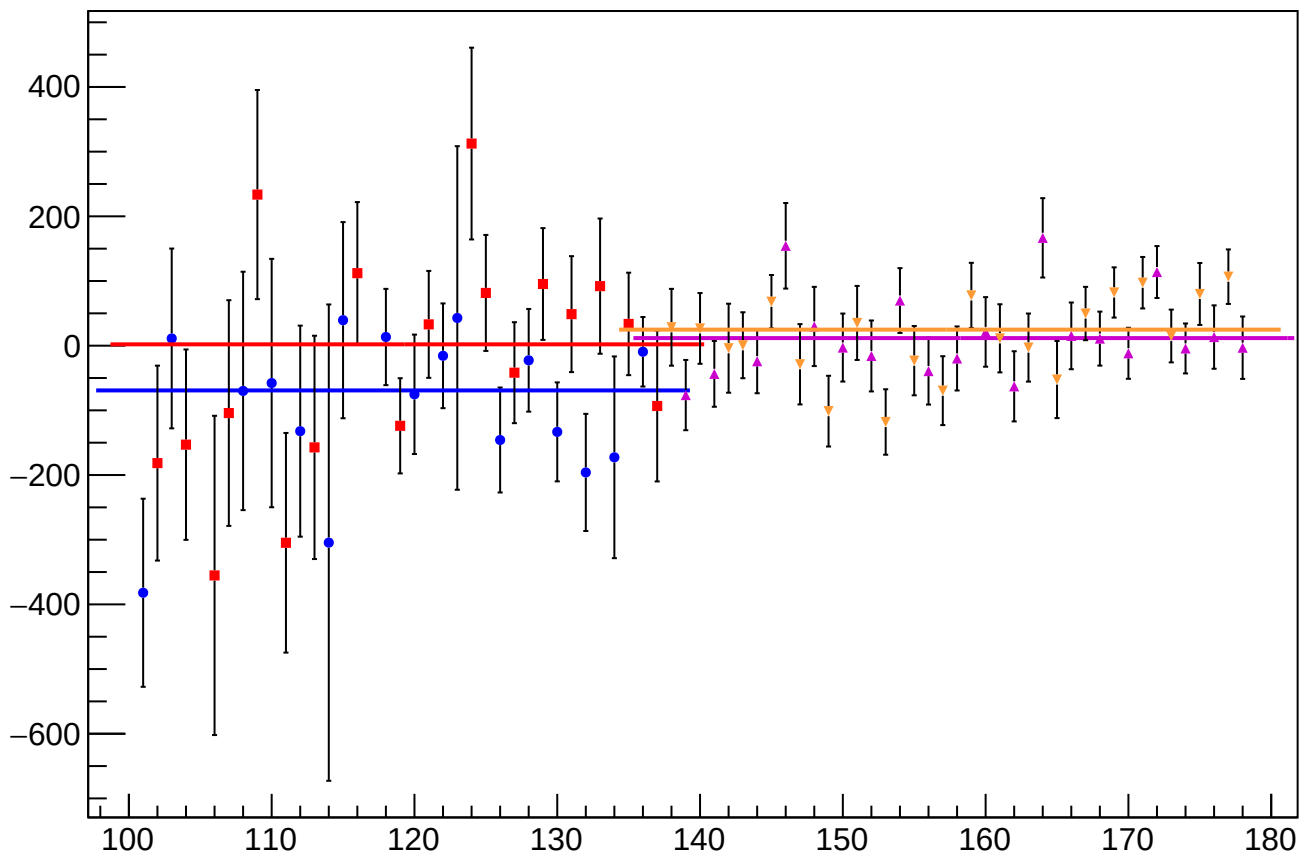
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 345.500+/-0.063 χ^2/NDF :1124127.7/19

Out: 348.592+/-0.063 χ^2/NDF :1359460.1/20

All: 347.041+/-0.045 χ^2/NDF : 2484786.0/40

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 ± 10.740 χ^2/NDF : 33.6/20

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 11.722 ± 11.055 χ^2/NDF : 27.5/19

Left: 18.457 ± 7.703 χ^2/NDF : 61.9/40

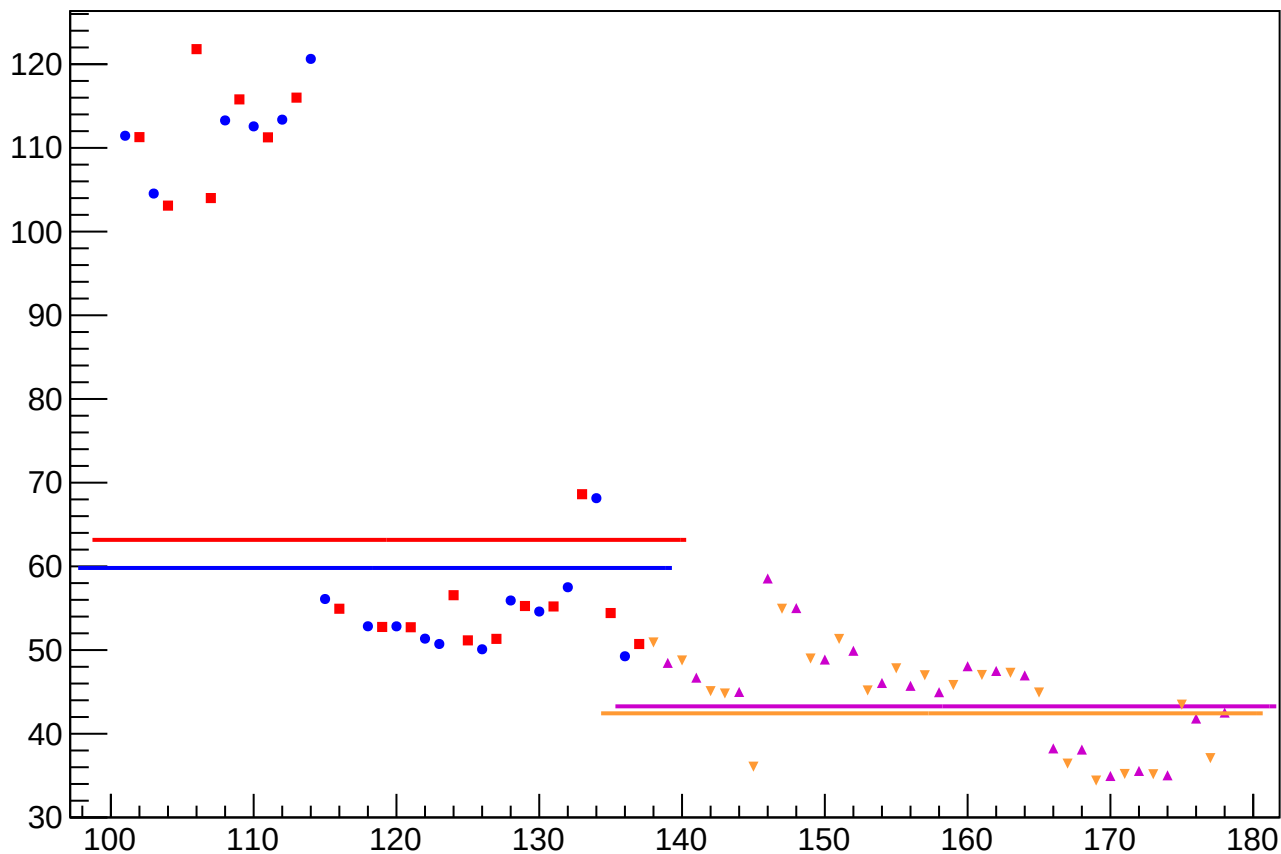
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -2.190 ± 10.060 χ^2/NDF : 50.2/36

Out: 21.317 ± 9.879 χ^2/NDF : 58.1/38

All: 9.776 ± 7.049 χ^2/NDF : 111.1/75

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2/NDF : 1229983.3/16

Left Out: 42.440 $\pm$ 0.008 χ^2/NDF : 656484.3/20

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 43.275 $\pm$ 0.008 χ^2/NDF : 616068.3/19

Left: 42.845 $\pm$ 0.005 χ^2/NDF : 1278427.2/40

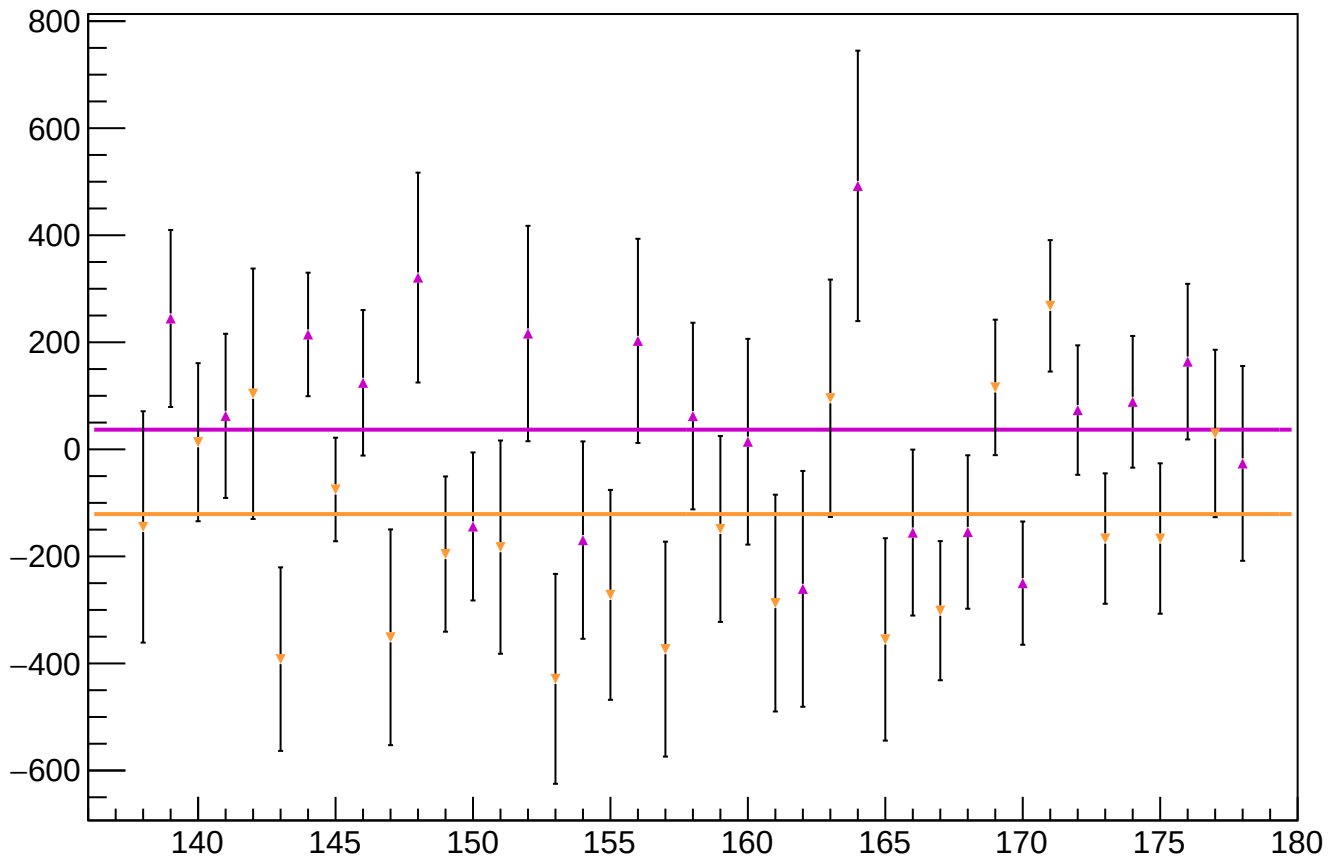
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 46.118 $\pm$ 0.007 χ^2/NDF : 2615240.0/36

Out: 45.629 $\pm$ 0.007 χ^2/NDF : 3189685.6/38

All: 45.869 $\pm$ 0.005 χ^2/NDF : 5807335.8/75

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -120.914+/-34.232 χ^2/NDF :30.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36.755+/-34.459 χ^2/NDF :26.8/19

Left: -42.601+/-24.286 χ^2/NDF : 67.9/40

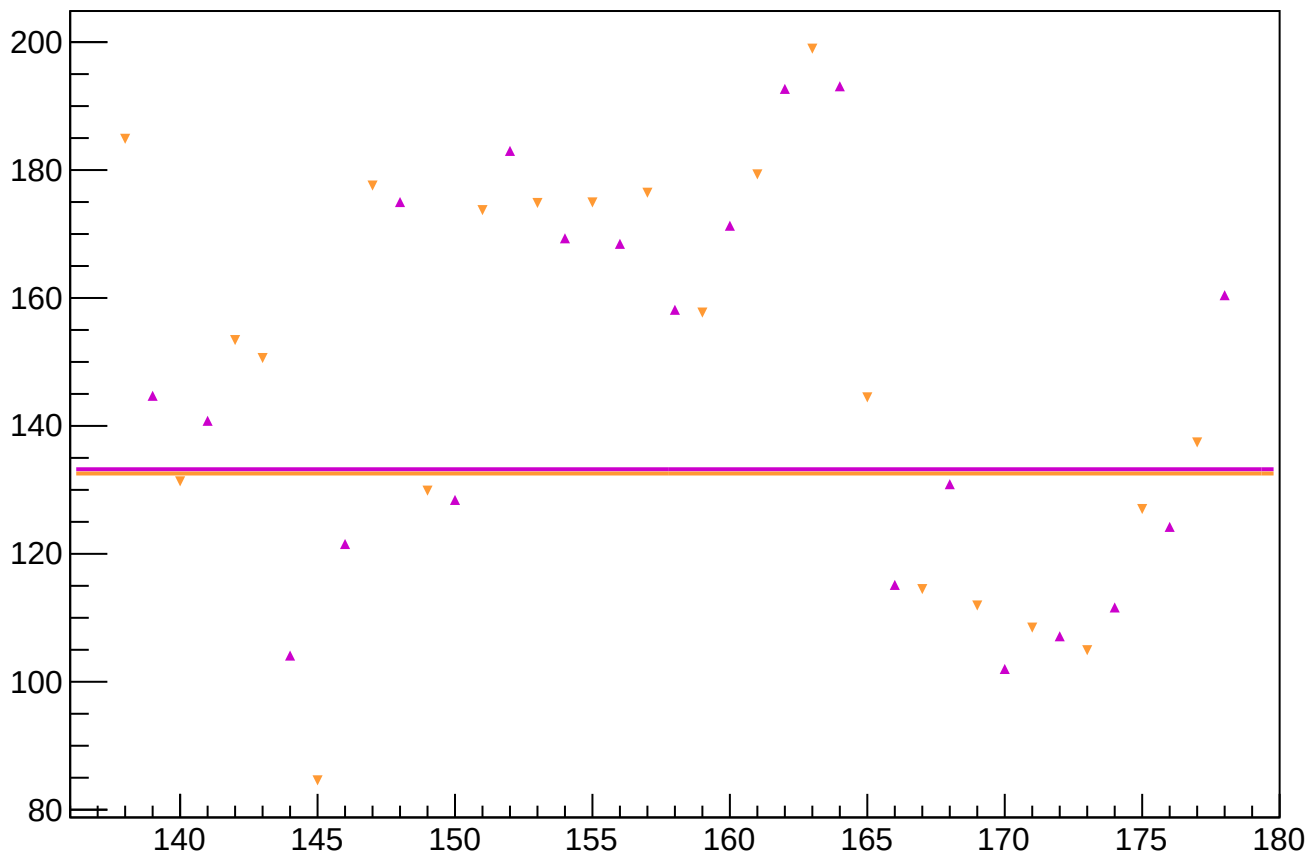
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.755+/-34.459 χ^2/NDF :26.8/19

Out: -120.914+/-34.232 χ^2/NDF :30.6/20

All: -42.601+/-24.286 χ^2/NDF : 67.9/40

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.222+/-0.024 χ^2/NDF :1276787.4/19

Left: 132.888+/-0.017 χ^2/NDF : 3005188.6/40

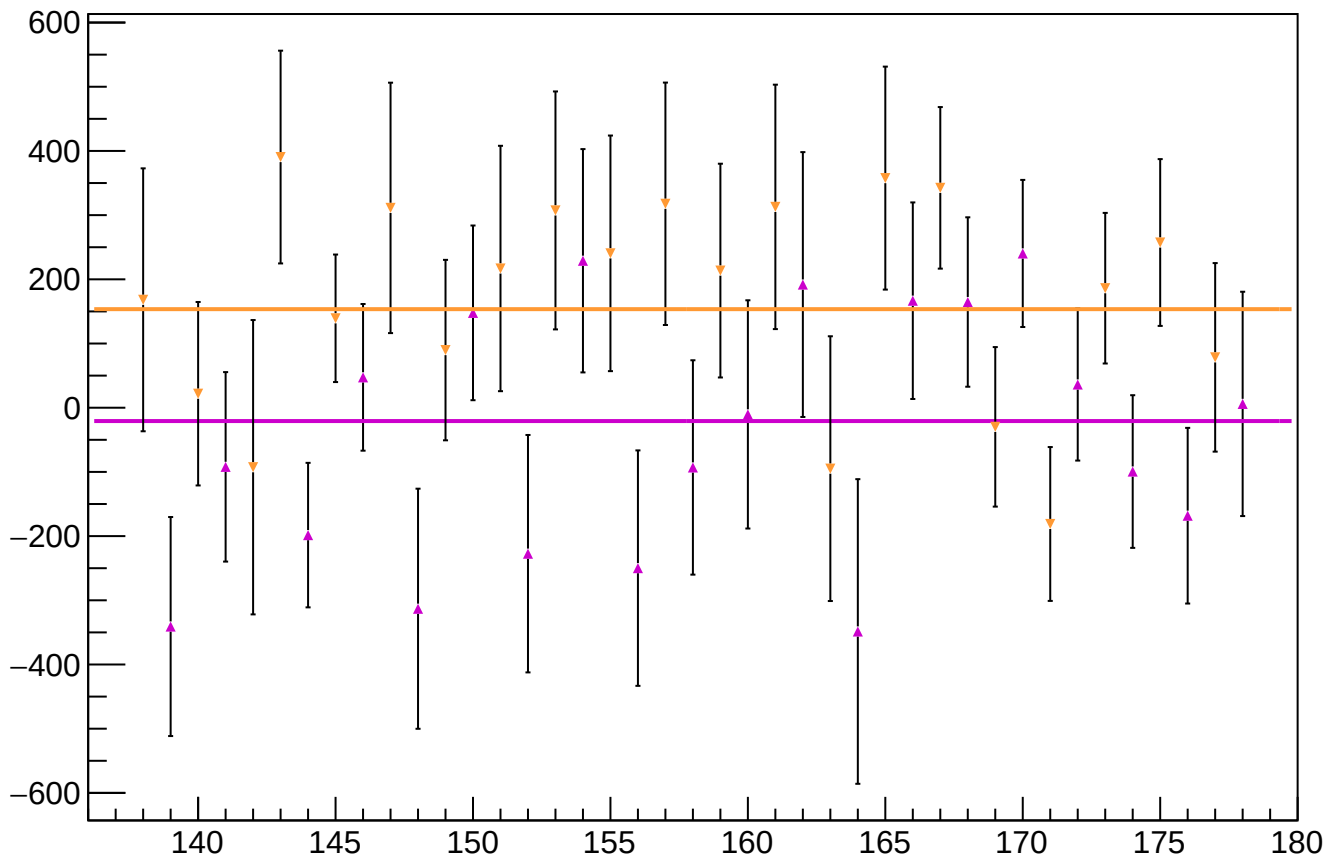
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.222+/-0.024 χ^2/NDF :1276787.4/19

Out: 132.559+/-0.024 χ^2/NDF :1728028.8/20

All: 132.888+/-0.017 χ^2/NDF : 3005188.6/40

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -20.782 $\pm$ 32.905 χ^2 /NDF:29.1/19

Left: 66.060 $\pm$ 23.309 χ^2 /NDF: 66.7/40

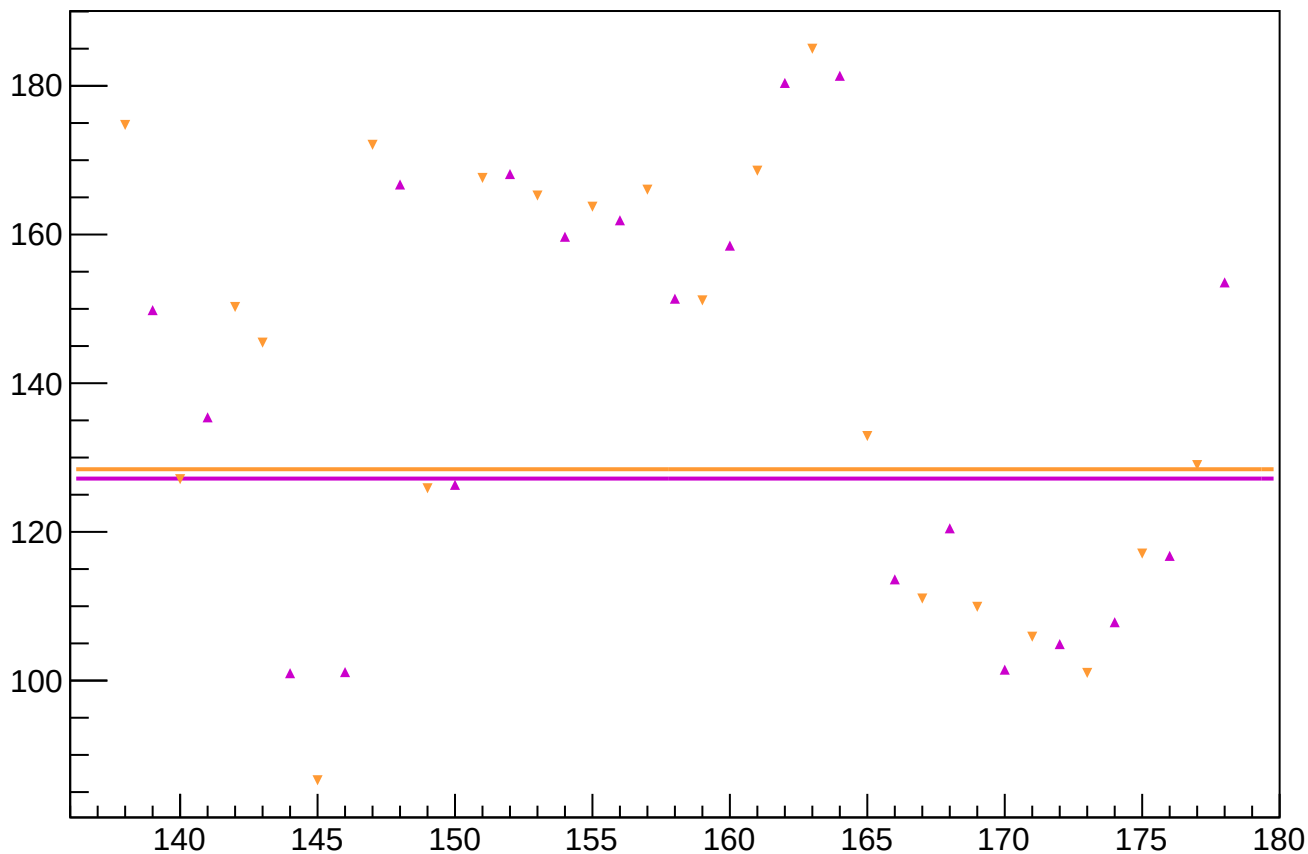
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -20.782 $\pm$ 32.905 χ^2 /NDF:29.1/19

Out: 153.533 $\pm$ 33.024 χ^2 /NDF:23.6/20

All: 66.060 $\pm$ 23.309 χ^2 /NDF: 66.7/40

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.171+/-0.023 χ^2/NDF :1226638.6/19

Left: 127.798+/-0.016 χ^2/NDF : 2697530.6/40

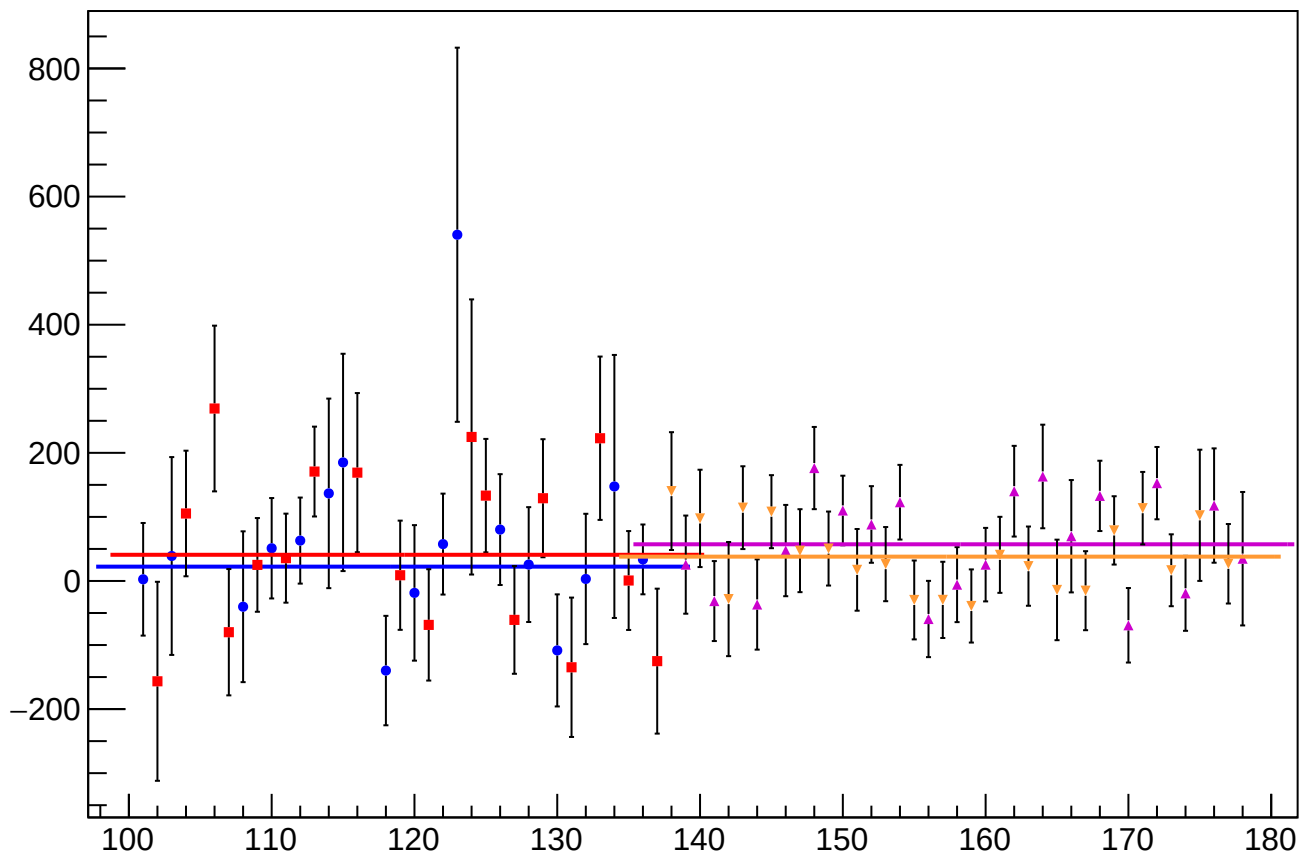
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.171+/-0.023 χ^2/NDF :1226638.6/19

Out: 128.429+/-0.023 χ^2/NDF :1469436.4/20

All: 127.798+/-0.016 χ^2/NDF : 2697530.6/40

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 37.964 ± 13.857 $\chi^2/\text{NDF}: 14.0/20$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 57.249 ± 14.444 $\chi^2/\text{NDF}: 30.0/19$

Left: 47.206 ± 9.999 $\chi^2/\text{NDF}: 45.0/40$

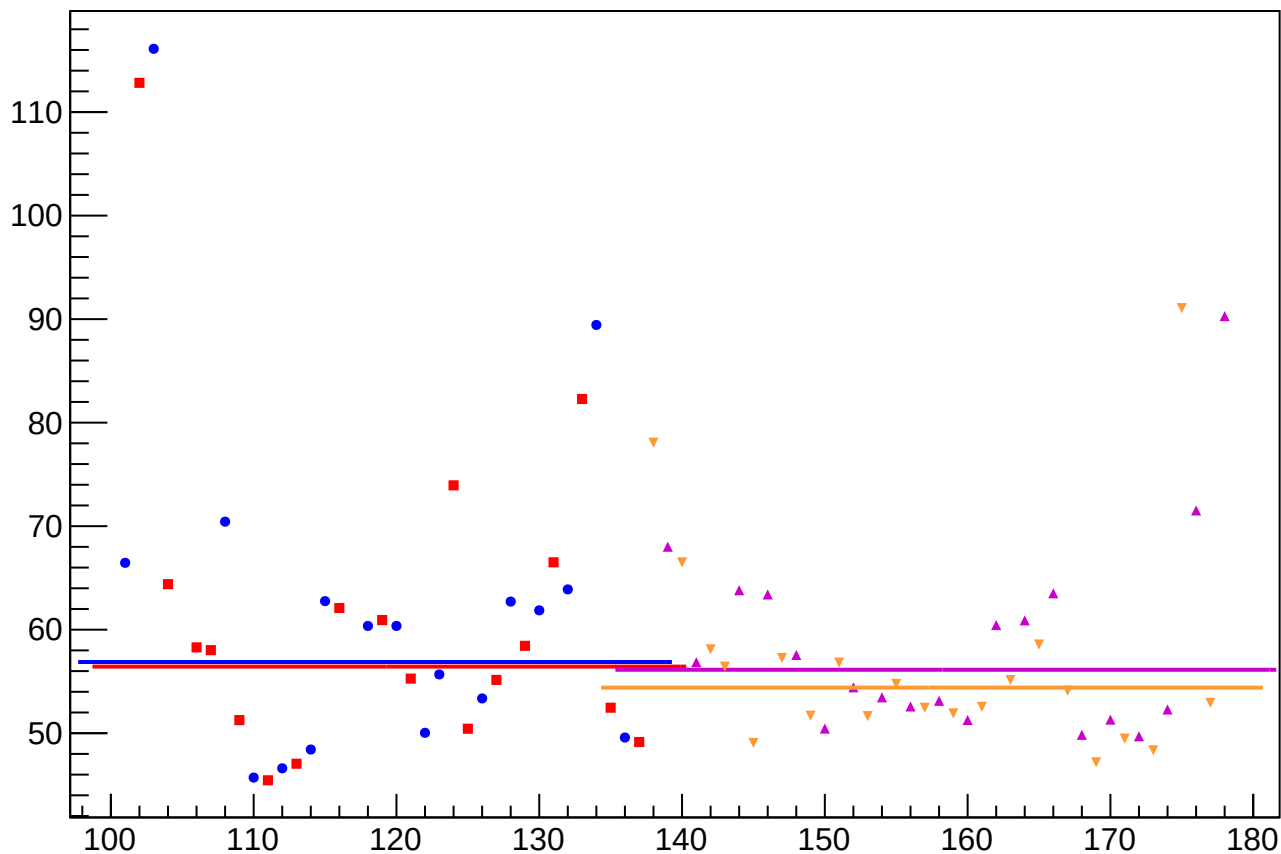
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 47.147 ± 12.175 $\chi^2/\text{NDF}: 44.3/36$

Out: 38.781 ± 11.745 $\chi^2/\text{NDF}: 38.3/38$

All: 42.814 ± 8.453 $\chi^2/\text{NDF}: 82.8/75$

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 54.404 $\pm$ 0.010 χ^2 /NDF: 568150.6/20

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.129 $\pm$ 0.010 χ^2 /NDF: 526015.6/19

Left: 55.231 $\pm$ 0.007 χ^2 /NDF: 1109011.7/40

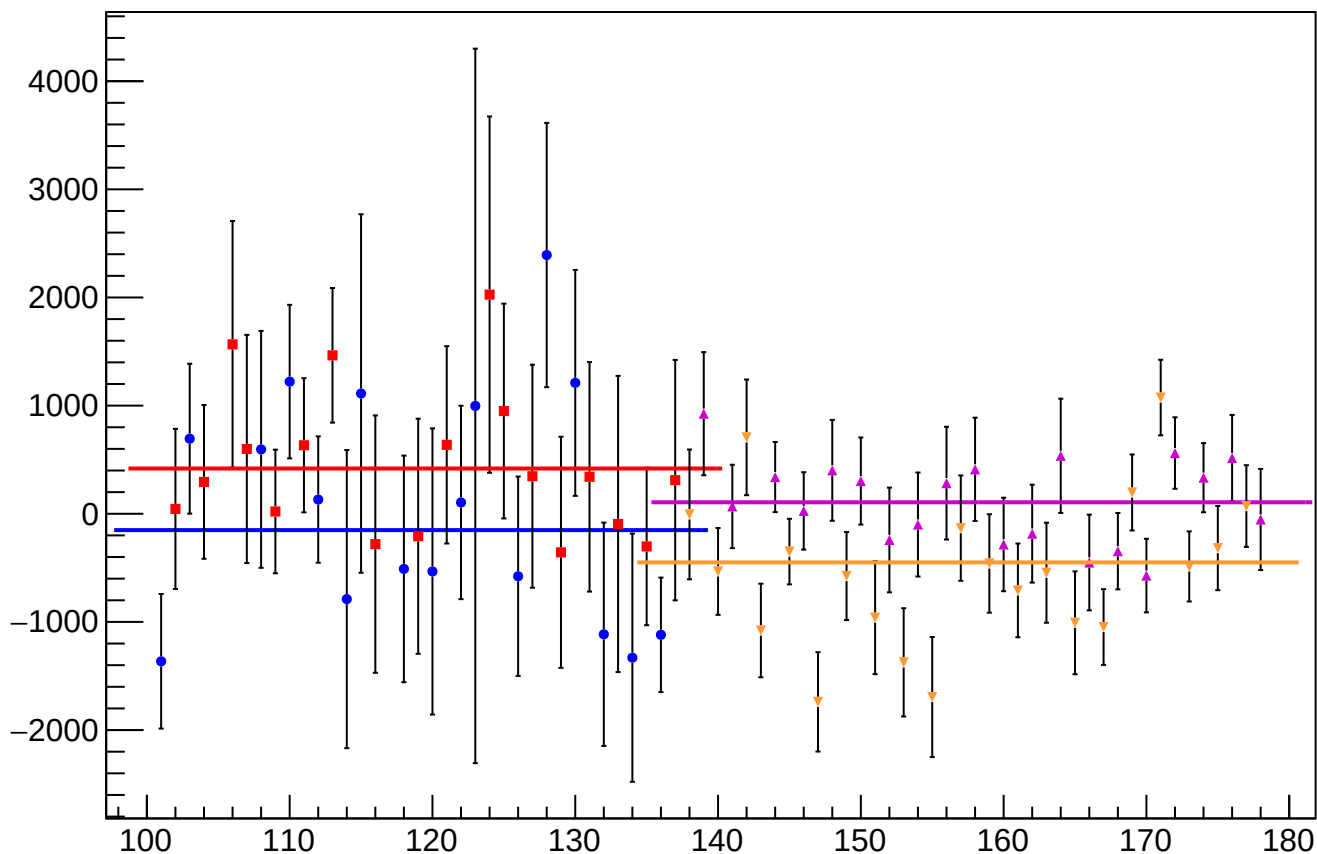
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.346 $\pm$ 0.009 χ^2 /NDF: 1103064.8/36

Out: 54.976 $\pm$ 0.008 χ^2 /NDF: 1100691.1/38

All: 55.636 $\pm$ 0.006 χ^2 /NDF: 2216877.4/75

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -449.443 ± 90.765 $\chi^2/\text{NDF}: 54.4/20$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 106.252 ± 91.298 $\chi^2/\text{NDF}: 17.2/19$

Left: -173.223 ± 64.368 $\chi^2/\text{NDF}: 90.2/40$

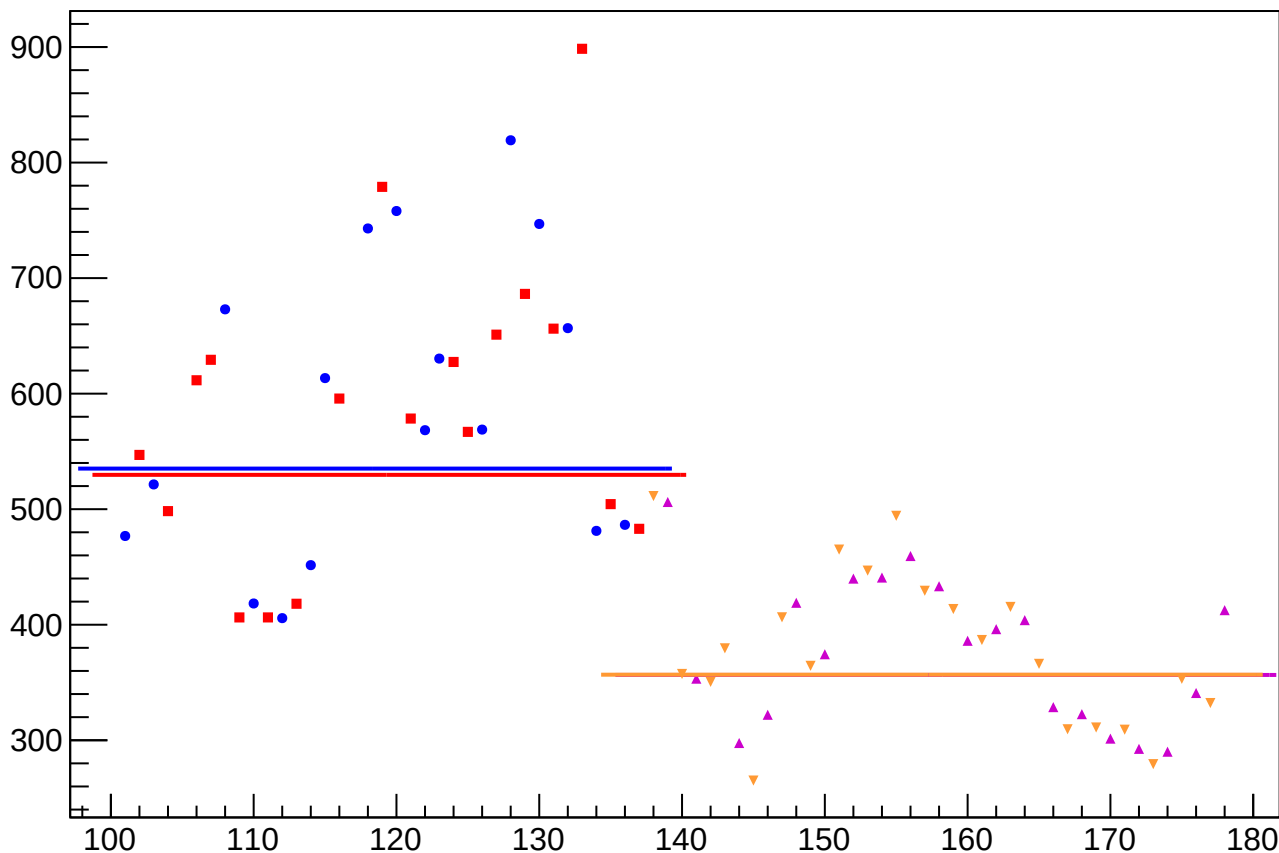
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 66.119 ± 83.880 $\chi^2/\text{NDF}: 40.8/36$

Out: -307.248 ± 82.998 $\chi^2/\text{NDF}: 77.8/38$

All: -122.539 ± 58.998 $\chi^2/\text{NDF}: 128.7/75$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 356.753+/-0.064 χ^2/NDF : 966605.7/20

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 356.528+/-0.065 χ^2/NDF : 826341.5/19

Left: 356.641+/-0.046 χ^2/NDF : 1792953.3/40

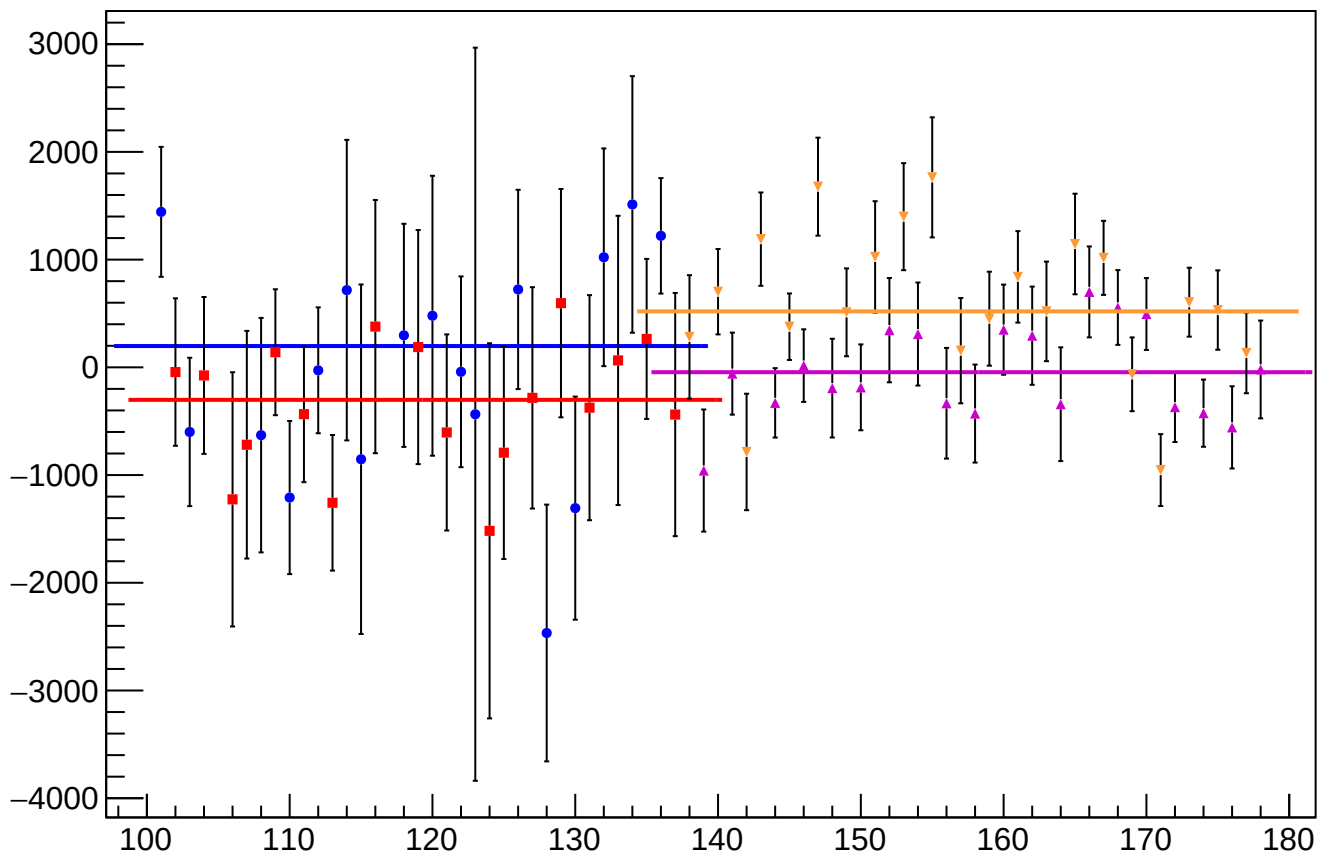
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 384.372+/-0.059 χ^2/NDF : 2615677.2/36

Out: 385.088+/-0.059 χ^2/NDF : 2803166.8/38

All: 384.734+/-0.042 χ^2/NDF : 5418917.9/75

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 519.308 $\pm$ 89.435 χ^2 /NDF:52.9/20

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -45.160 $\pm$ 89.334 χ^2 /NDF:20.7/19

Left: 236.755 $\pm$ 63.205 χ^2 /NDF: 93.5/40

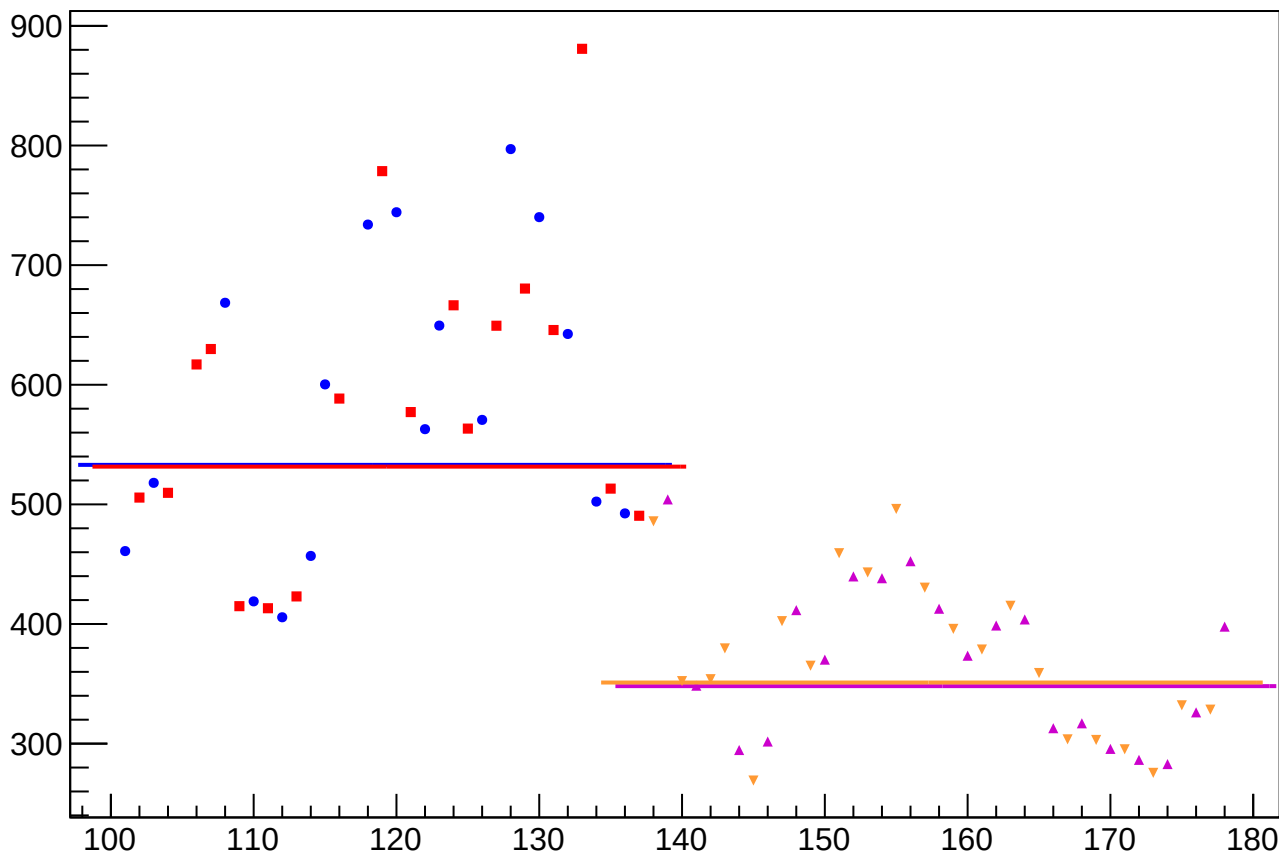
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -8.406 $\pm$ 82.293 χ^2 /NDF:45.7/36

Out: 388.756 $\pm$ 82.018 χ^2 /NDF:73.0/38

All: 190.839 $\pm$ 58.093 χ^2 /NDF: 130.4/75

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 351.082+/-0.063 χ^2/NDF : 958618.8/20

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 348.065+/-0.063 χ^2/NDF : 879083.7/19

Left: 349.572+/-0.045 χ^2/NDF : 1838841.8/40

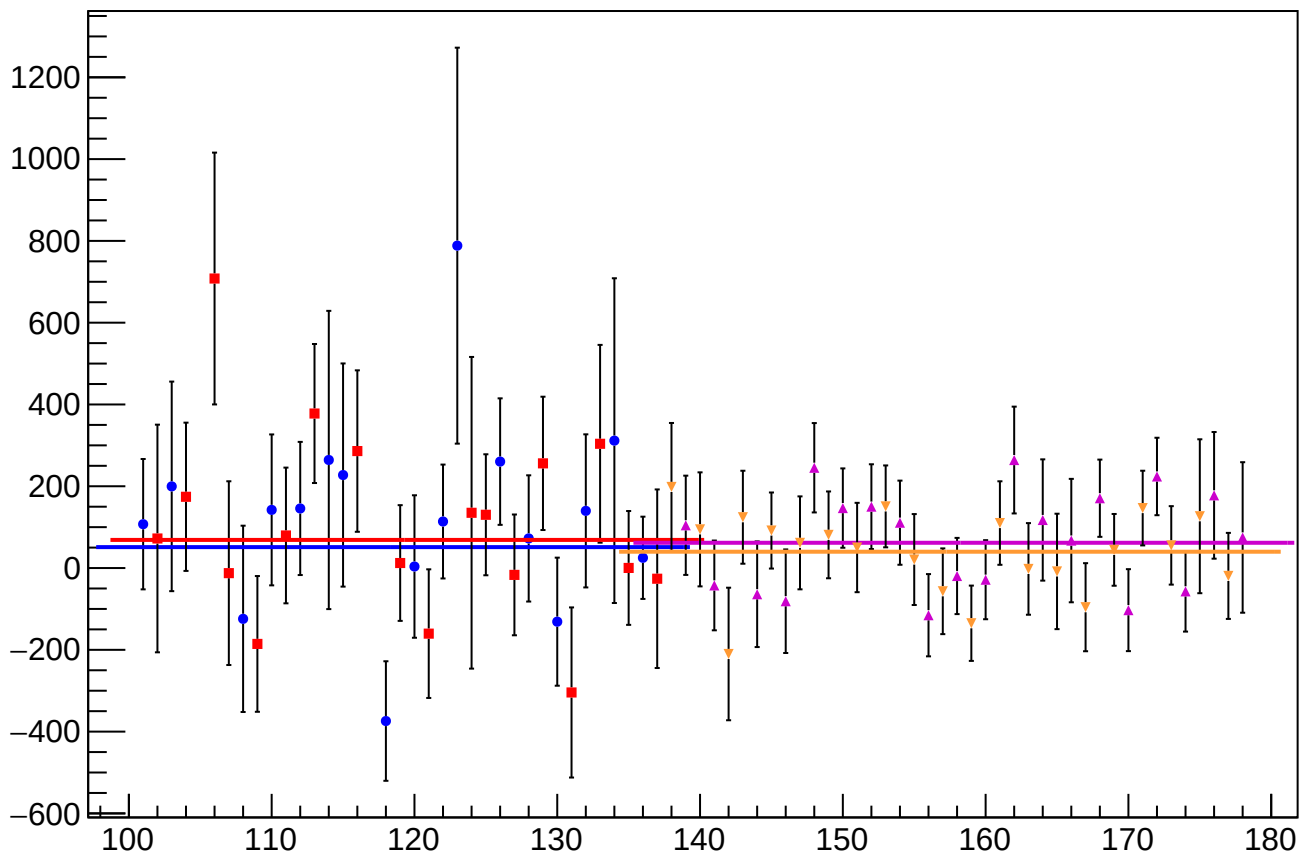
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 376.073+/-0.058 χ^2/NDF : 2744215.8/36

Out: 379.775+/-0.058 χ^2/NDF : 2851362.6/38

All: 377.930+/-0.041 χ^2/NDF : 5597608.9/75

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 39.915 $\pm$ 23.891 χ^2 /NDF:14.6/20

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 61.782 $\pm$ 24.863 χ^2 /NDF:24.1/19

Left: 50.412 $\pm$ 17.227 χ^2 /NDF: 39.0/40

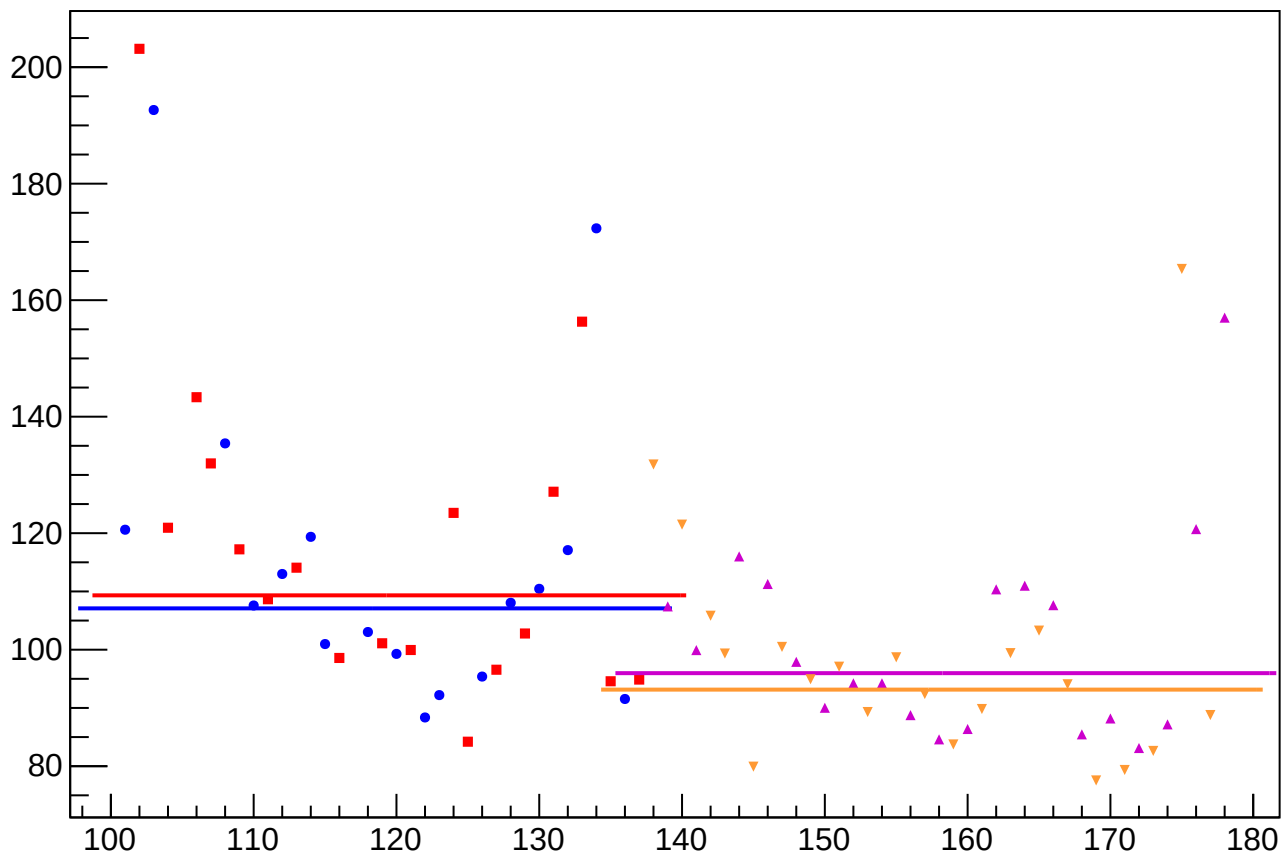
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 59.067 $\pm$ 21.450 χ^2 /NDF:41.5/36

Out: 46.771 $\pm$ 20.861 χ^2 /NDF:35.3/38

All: 52.748 $\pm$ 14.955 χ^2 /NDF: 76.9/75

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 ± 0.030 $\chi^2/\text{NDF}: 437755.4/16$

Left Out: 93.147 ± 0.017 $\chi^2/\text{NDF}: 753329.5/20$

Right Out: 109.329 ± 0.030 $\chi^2/\text{NDF}: 506023.6/17$

Left In: 95.973 ± 0.018 $\chi^2/\text{NDF}: 584005.1/19$

Left: 94.504 ± 0.012 $\chi^2/\text{NDF}: 1350765.3/40$

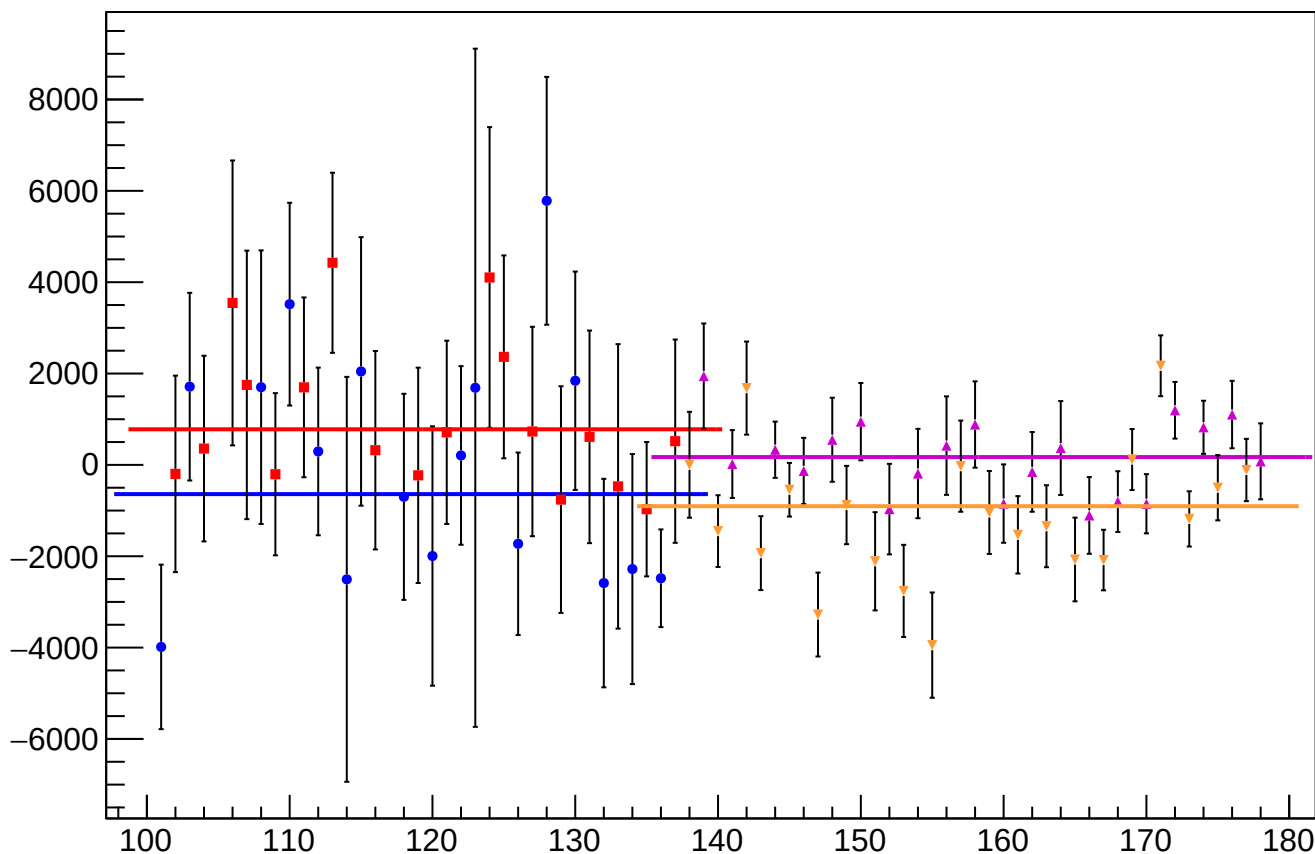
Right: 108.201 ± 0.021 $\chi^2/\text{NDF}: 946531.4/34$

In: 98.817 ± 0.015 $\chi^2/\text{NDF}: 1124083.2/36$

Out: 96.991 ± 0.015 $\chi^2/\text{NDF}: 1477302.1/38$

All: 97.879 ± 0.011 $\chi^2/\text{NDF}: 2608832.5/75$

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -904.416+/-175.258 χ^2/NDF : 59.7/20

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 171.190+/-176.116 χ^2/NDF : 19.9/19

Left: -369.238+/-124.228 χ^2/NDF : 98.3/40

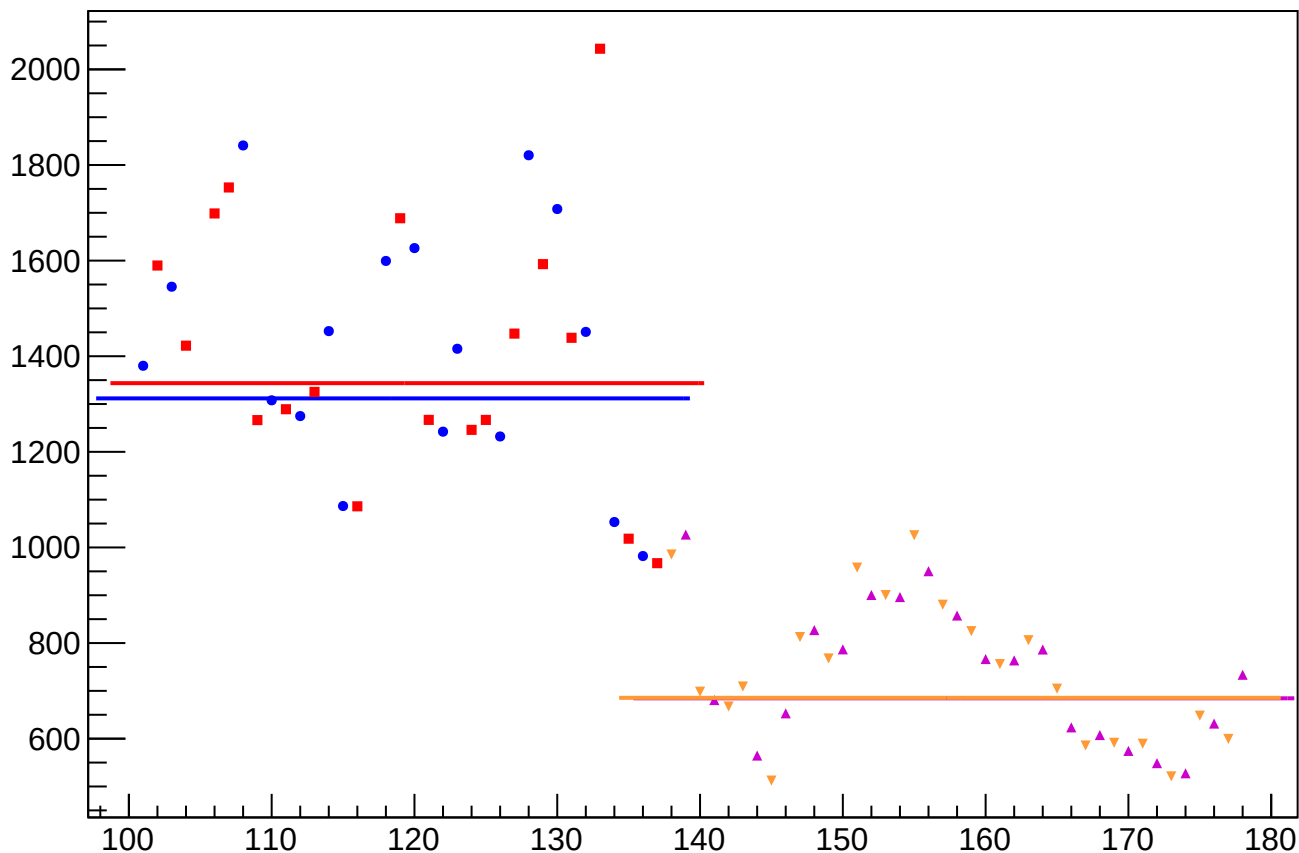
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 87.514+/-166.784 χ^2/NDF : 43.8/36

Out: -730.528+/-165.962 χ^2/NDF : 78.0/38

All: -323.525+/-117.642 χ^2/NDF : 133.9/75

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 685.438 $\pm$ 0.124 χ^2 /NDF: 1246004.0/20

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 684.438 $\pm$ 0.125 χ^2 /NDF: 1118673.0/19

Left: 684.941 $\pm$ 0.088 χ^2 /NDF: 2364709.5/40

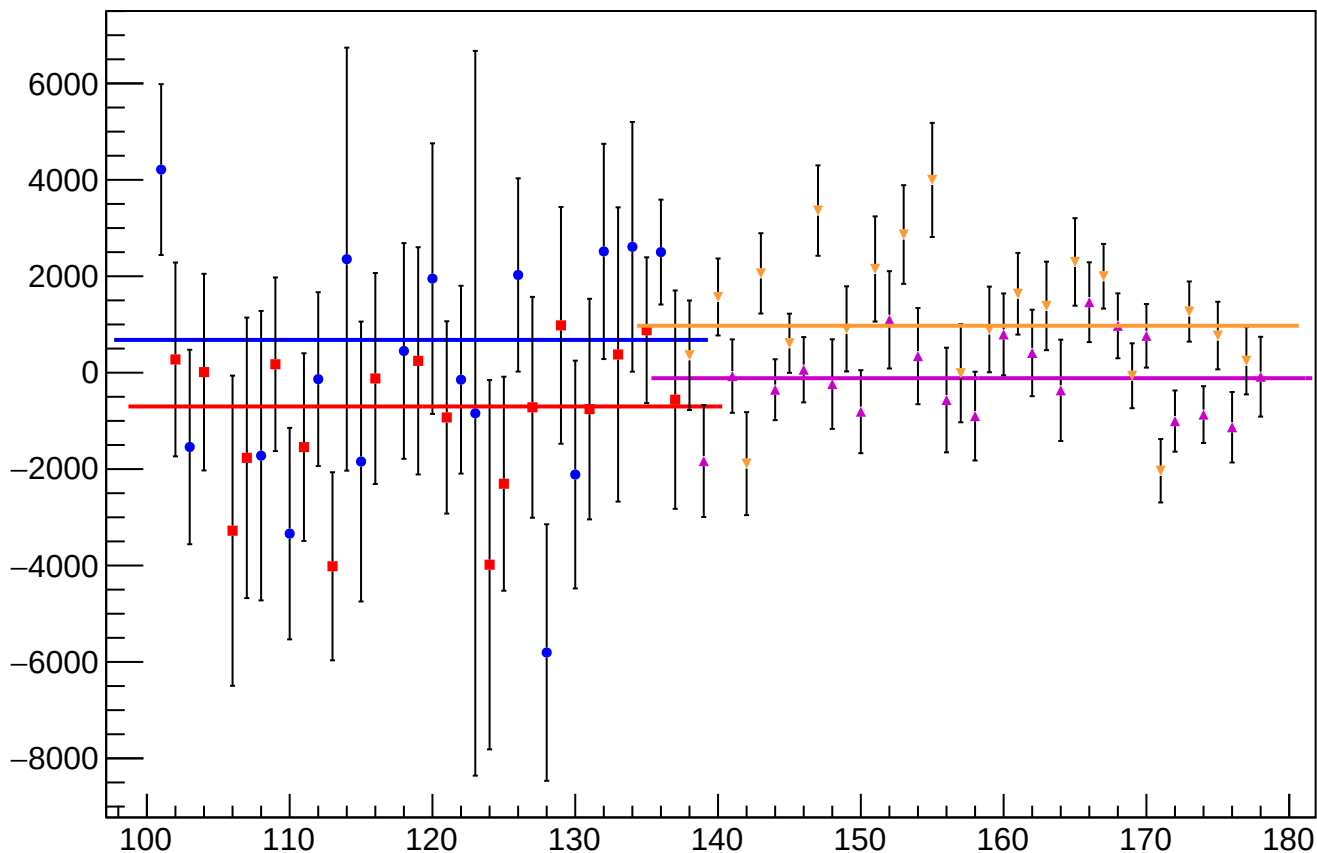
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 749.163 $\pm$ 0.118 χ^2 /NDF: 4249647.8/36

Out: 753.411 $\pm$ 0.117 χ^2 /NDF: 4620271.6/38

All: 751.298 $\pm$ 0.083 χ^2 /NDF: 8870571.4/75

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 973.255 $\pm$ 177.698 χ^2/NDF : 58.6/20

Right Out: -700.930 $\pm$ 517.319 χ^2/NDF : 7.6/17

Left In: -114.285 $\pm$ 177.142 χ^2/NDF : 20.7/19

Left: 427.779 $\pm$ 125.454 χ^2/NDF : 98.1/40

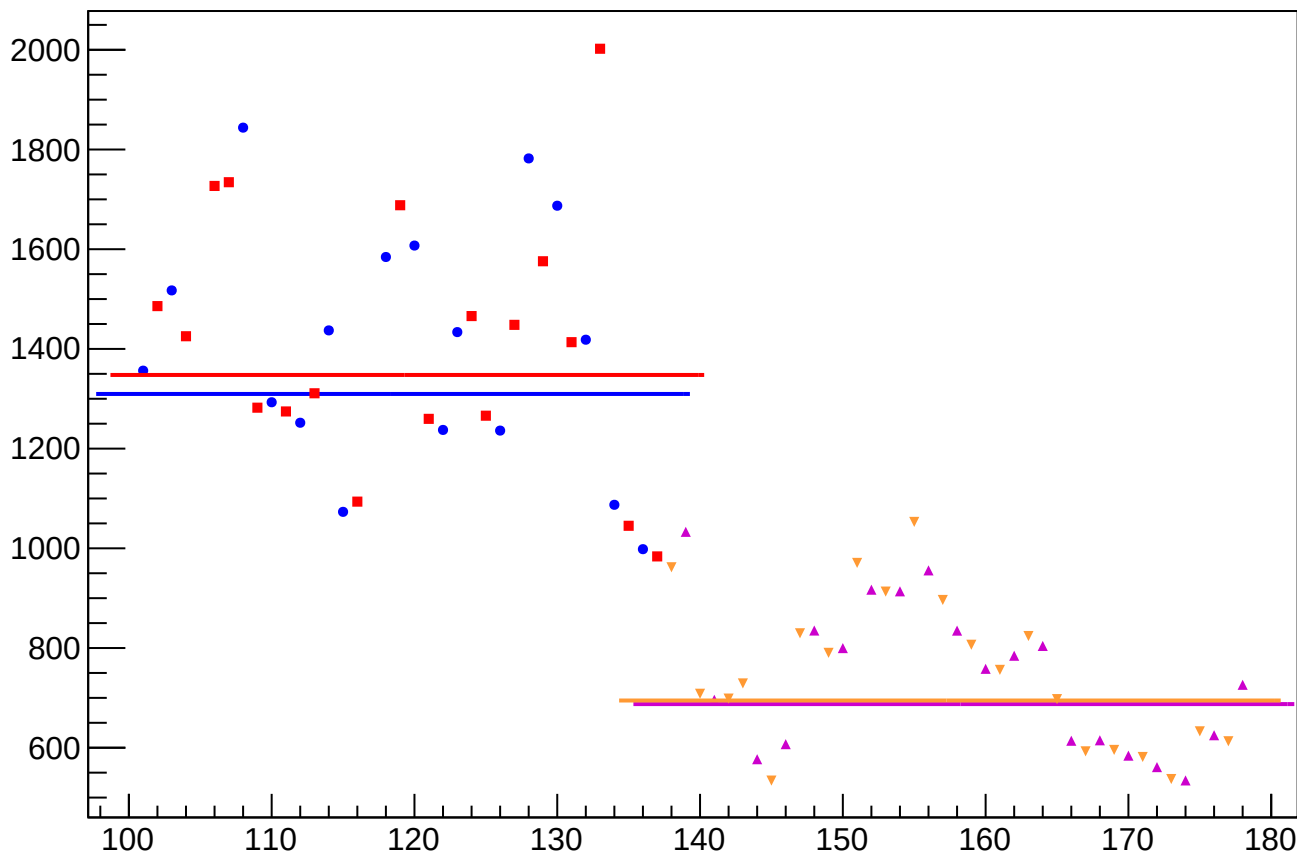
Right: -10.753 $\pm$ 365.867 χ^2/NDF : 33.8/34

In: -30.989 $\pm$ 167.595 χ^2/NDF : 45.4/36

Out: 796.564 $\pm$ 168.060 χ^2/NDF : 75.6/38

All: 381.642 $\pm$ 118.672 χ^2/NDF : 133.1/75

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 694.724+/-0.126 χ^2/NDF : 1198713.6/20

Right Out: 1347.768+/-0.366 χ^2/NDF : 405345.0/17

Left In: 687.536+/-0.125 χ^2/NDF : 1114829.3/19

Left: 691.119+/-0.089 χ^2/NDF : 2315184.2/40

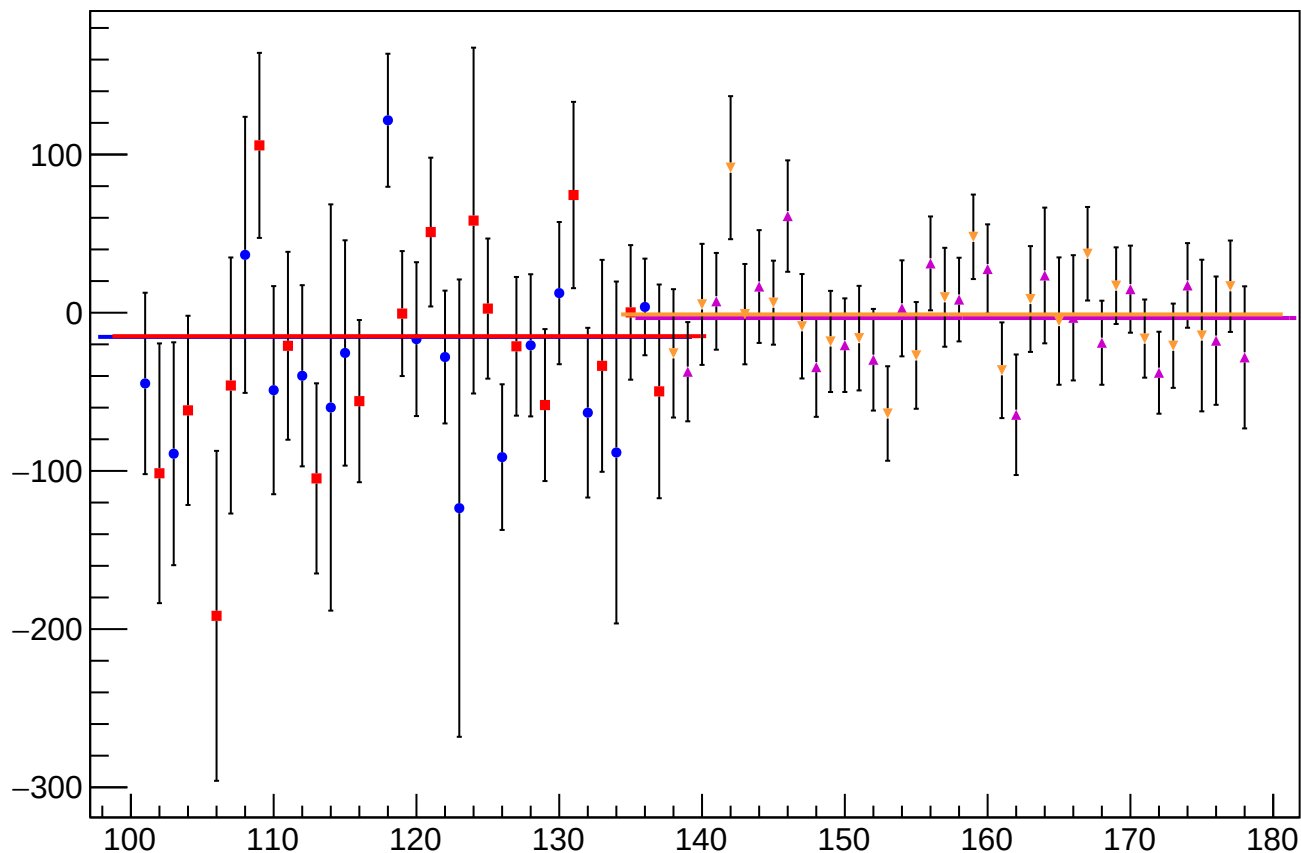
Right: 1328.718+/-0.259 χ^2/NDF : 870085.9/34

In: 752.783+/-0.119 χ^2/NDF : 4161302.9/36

Out: 763.645+/-0.119 χ^2/NDF : 4454806.4/38

All: 758.199+/-0.084 χ^2/NDF : 8620297.9/75

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.075 ± 6.810 χ^2/NDF : 18.8/20

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -3.357 ± 7.017 χ^2/NDF : 16.3/19

Left: -2.182 ± 4.887 χ^2/NDF : 35.1/40

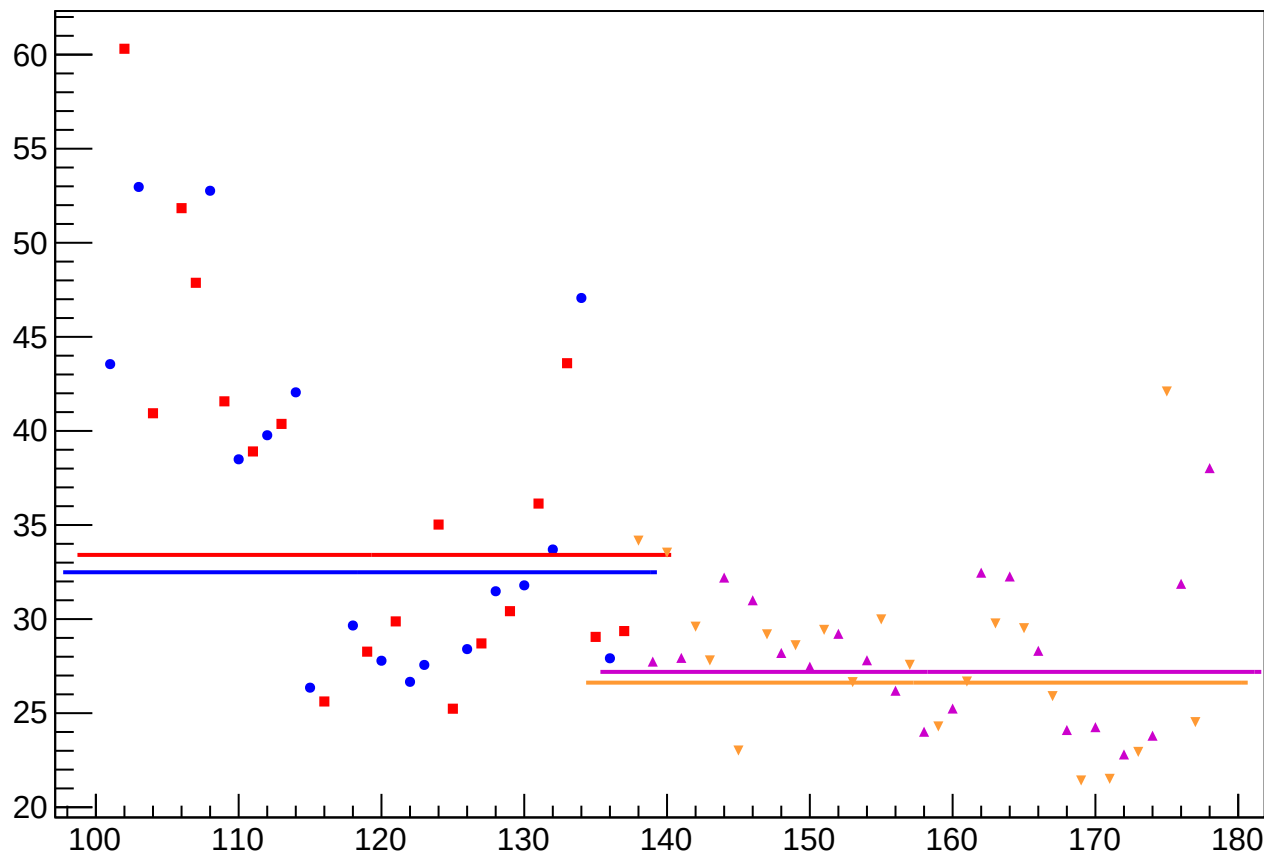
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -6.077 ± 6.165 χ^2/NDF : 35.3/36

Out: -4.004 ± 6.042 χ^2/NDF : 37.9/38

All: -5.020 ± 4.315 χ^2/NDF : 73.2/75

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 26.623+/-0.005 χ^2/NDF : 718234.1/20

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.194+/-0.005 χ^2/NDF : 466512.2/19

Left: 26.900+/-0.003 χ^2/NDF : 1191575.5/40

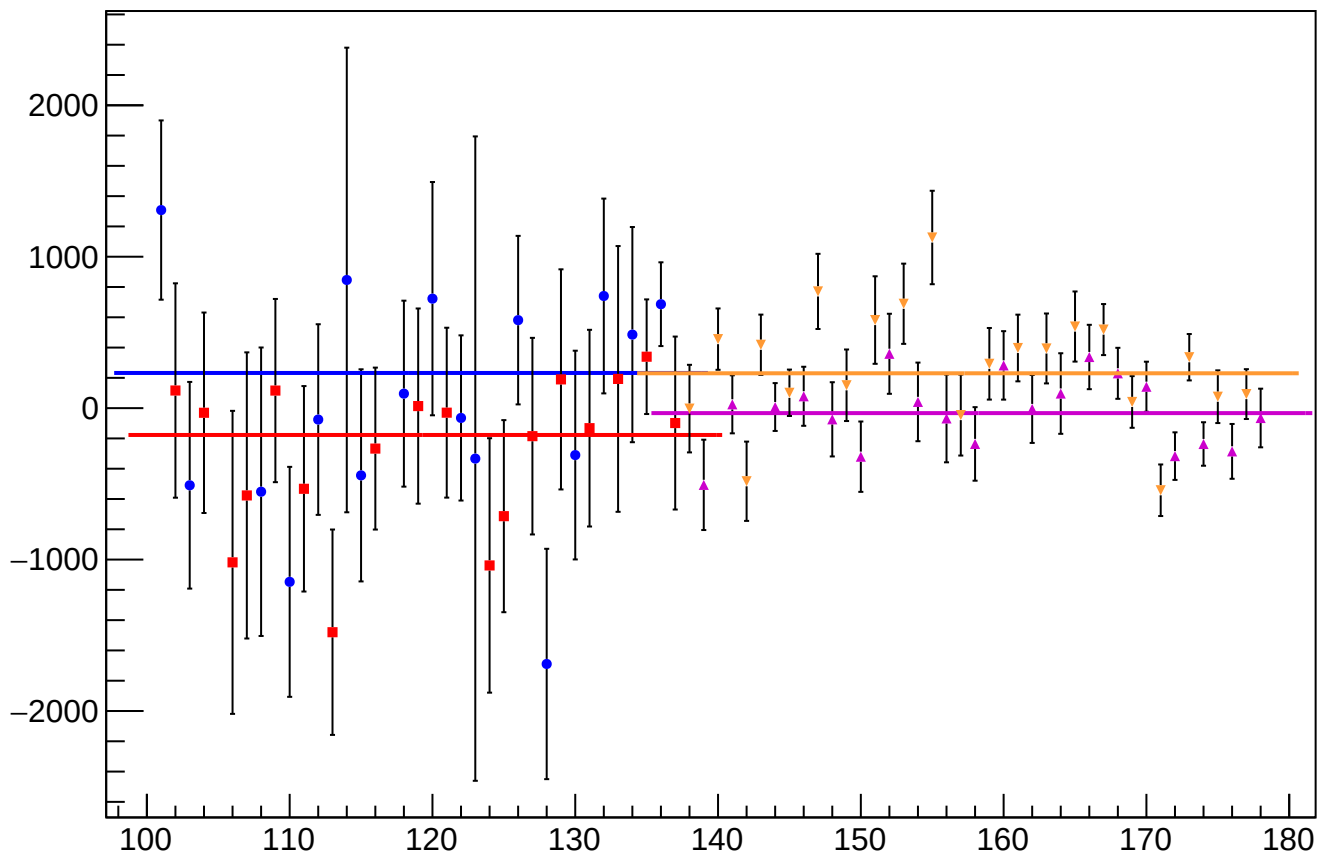
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.402+/-0.004 χ^2/NDF : 1320797.7/36

Out: 28.067+/-0.004 χ^2/NDF : 1866370.8/38

All: 28.231+/-0.003 χ^2/NDF : 3190177.6/75

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 230.217 ± 44.897 χ^2/NDF : 59.4/20

Right Out: -177.151 ± 150.003 χ^2/NDF : 9.6/17

Left In: -32.797 ± 45.092 χ^2/NDF : 23.6/19

Left: 99.279 ± 31.816 χ^2/NDF : 100.1/40

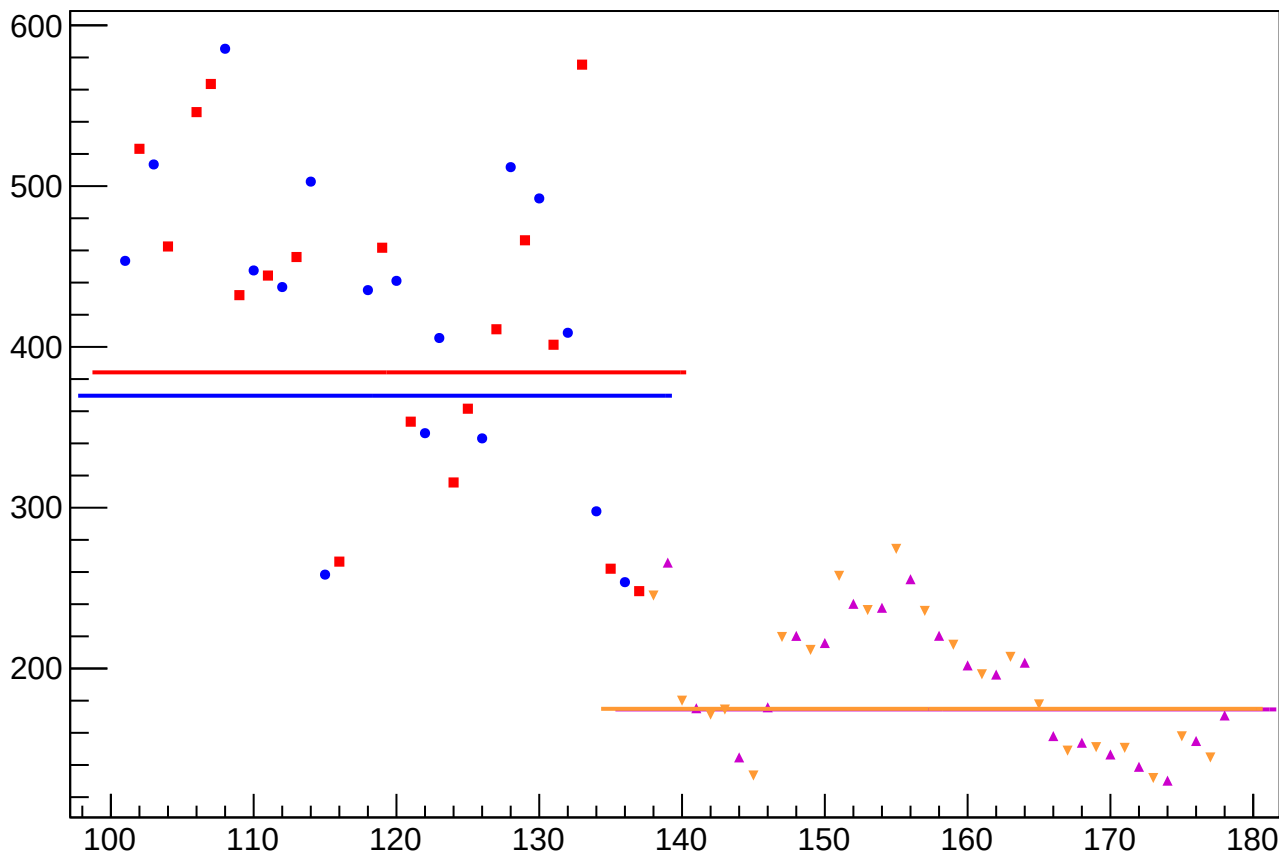
Right: 29.504 ± 105.571 χ^2/NDF : 34.8/34

In: -10.444 ± 43.149 χ^2/NDF : 48.0/36

Out: 196.723 ± 43.012 χ^2/NDF : 75.7/38

All: 93.470 ± 30.462 χ^2/NDF : 135.3/75

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 174.931+/-0.032 χ^2/NDF : 1449925.7/20

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 174.552+/-0.032 χ^2/NDF : 1350642.2/19

Left: 174.743+/-0.022 χ^2/NDF : 2800638.8/40

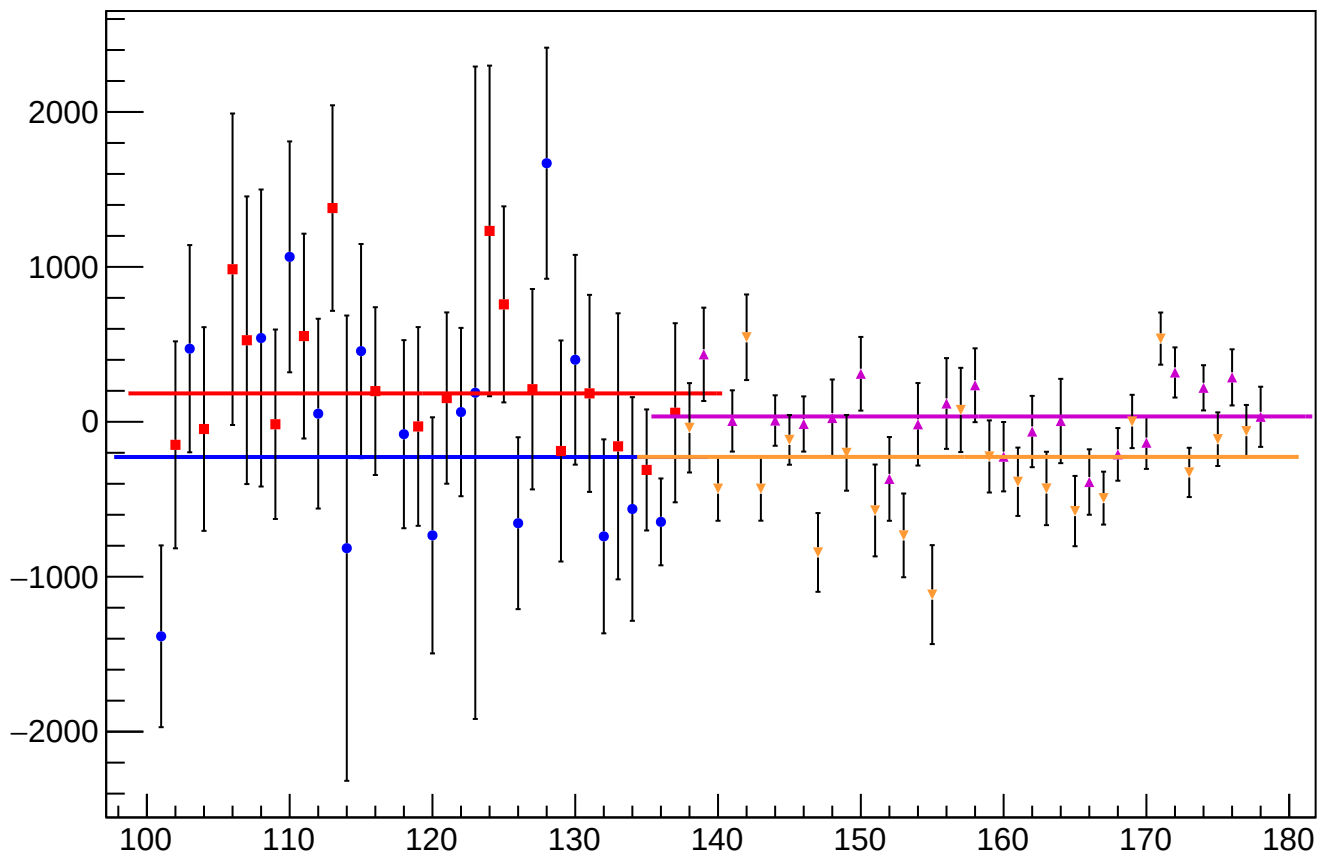
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 191.001+/-0.031 χ^2/NDF : 5409891.1/36

Out: 192.135+/-0.030 χ^2/NDF : 5896474.1/38

All: 191.570+/-0.022 χ^2/NDF : 11307058.7/75

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -226.445 ± 45.704 χ^2/NDF : 60.6/20

Right Out: 183.318 ± 150.486 χ^2/NDF : 8.8/17

Left In: 34.572 ± 45.500 χ^2/NDF : 21.5/19

Left: -95.355 ± 32.245 χ^2/NDF : 98.5/40

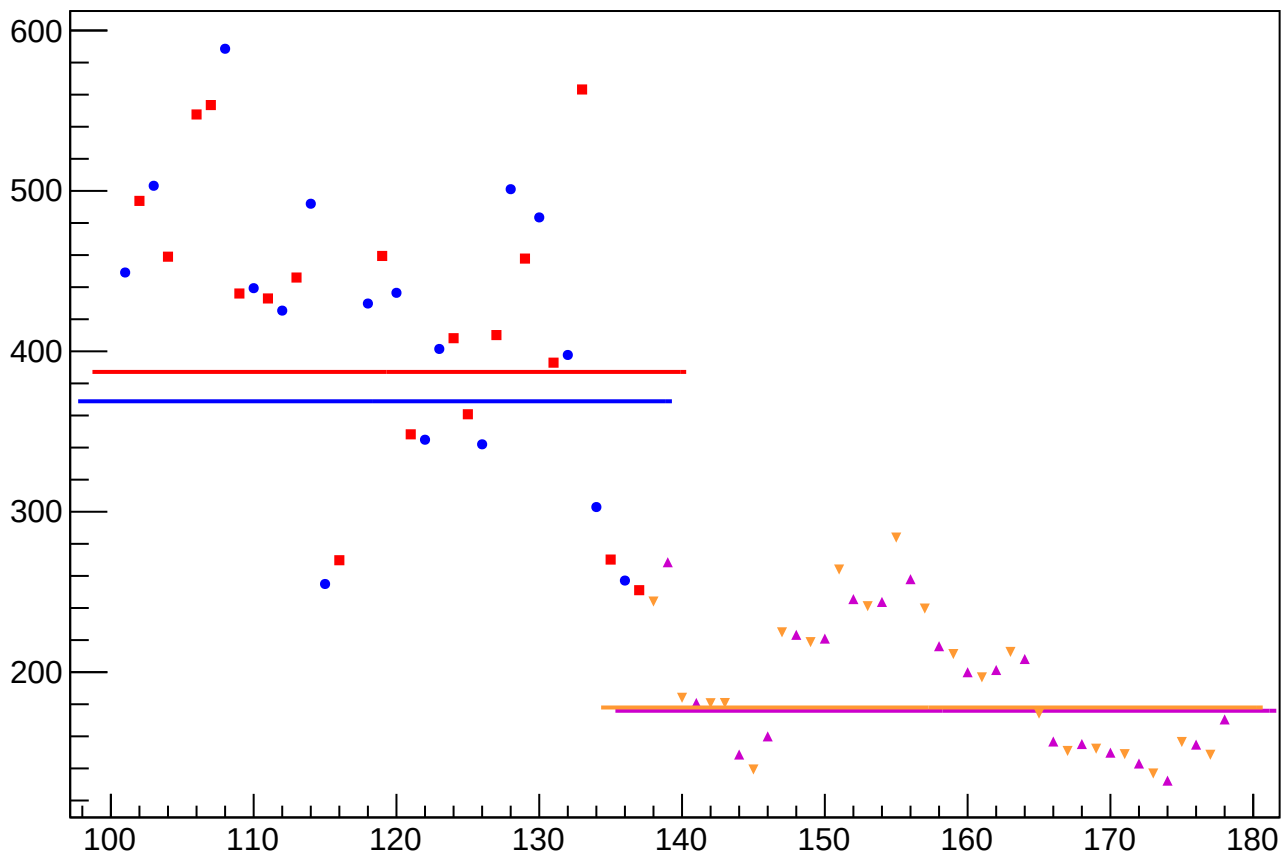
Right: -25.507 ± 105.492 χ^2/NDF : 34.4/34

In: 11.939 ± 43.489 χ^2/NDF : 46.2/36

Out: -191.841 ± 43.731 χ^2/NDF : 76.2/38

All: -89.386 ± 30.837 χ^2/NDF : 133.4/75

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 177.983 $\pm$ 0.032 χ^2 /NDF:1425891.1/20

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 175.947 $\pm$ 0.032 χ^2 /NDF:1341262.3/19

Left: 176.960 $\pm$ 0.023 χ^2 /NDF: 2769147.0/40

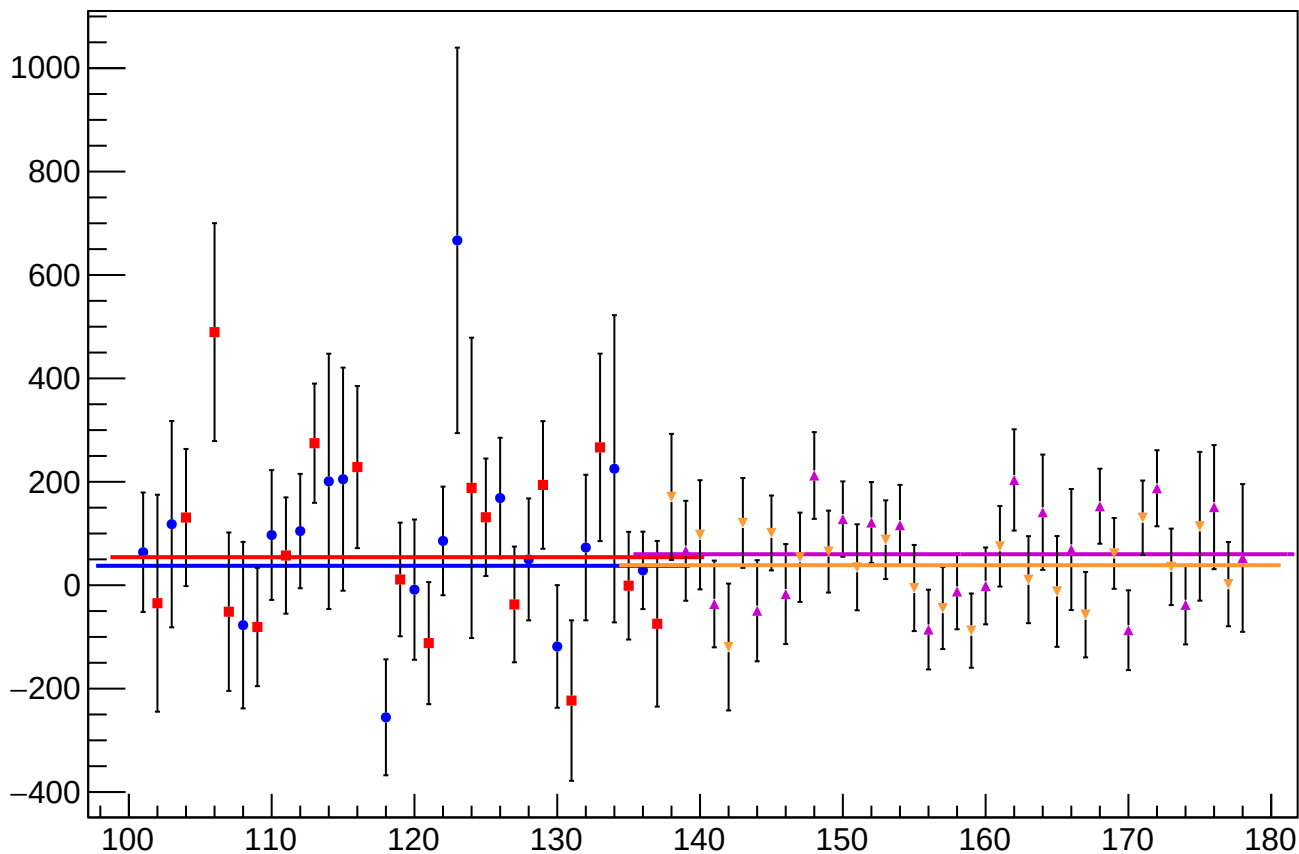
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 192.622 $\pm$ 0.031 χ^2 /NDF:5278687.6/36

Out: 195.648 $\pm$ 0.031 χ^2 /NDF:5722074.6/38

All: 194.127 $\pm$ 0.022 χ^2 /NDF: 11005577.2/75

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 38.816 $\pm$ 18.310 χ^2 /NDF:13.9/20

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 59.961 $\pm$ 19.087 χ^2 /NDF:26.9/19

Left: 48.949 $\pm$ 13.213 χ^2 /NDF: 41.5/40

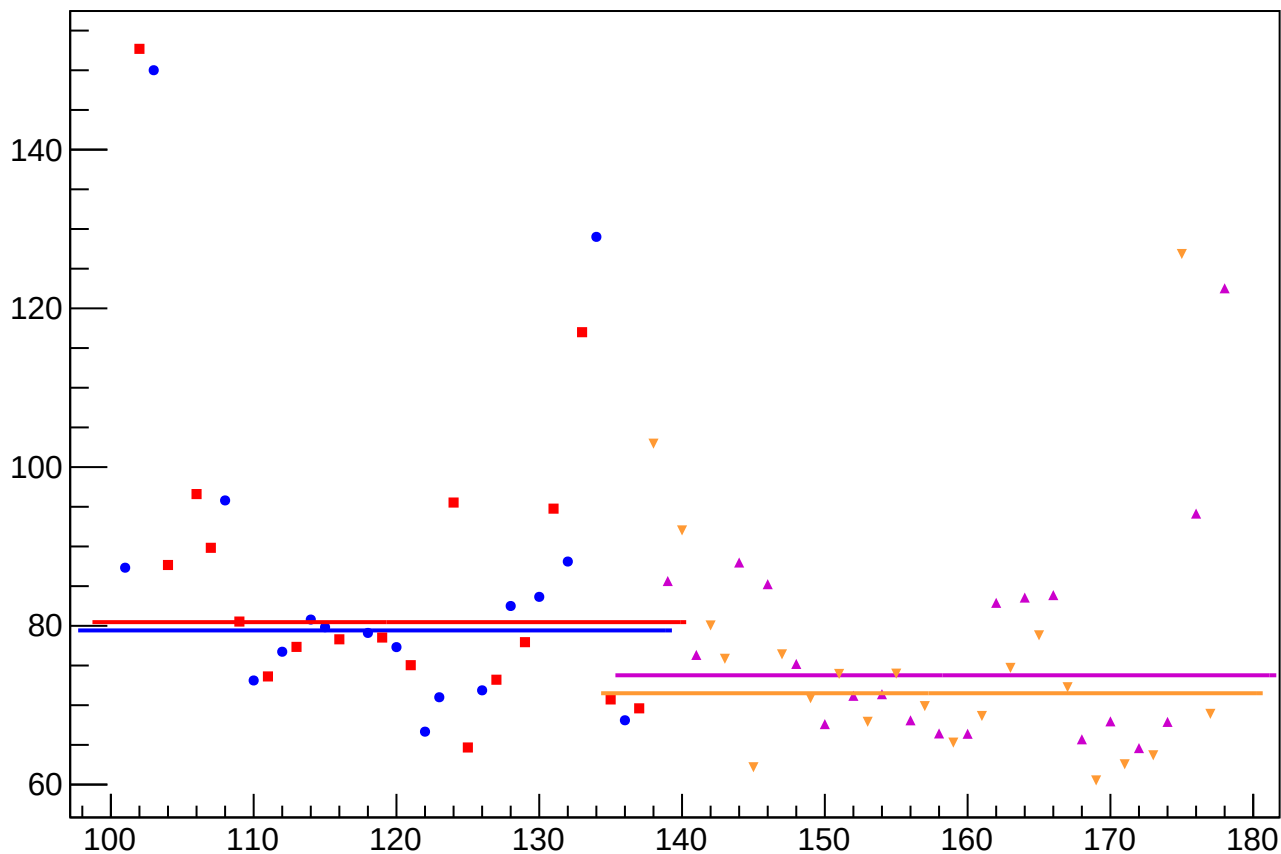
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 53.928 $\pm$ 16.318 χ^2 /NDF:43.1/36

Out: 42.721 $\pm$ 15.829 χ^2 /NDF:35.9/38

All: 48.154 $\pm$ 11.362 χ^2 /NDF: 79.3/75

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.507 $\pm$ 0.013 χ^2 /NDF: 704760.8/20

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 73.769 $\pm$ 0.013 χ^2 /NDF: 589257.0/19

Left: 72.591 $\pm$ 0.009 χ^2 /NDF: 1308653.0/40

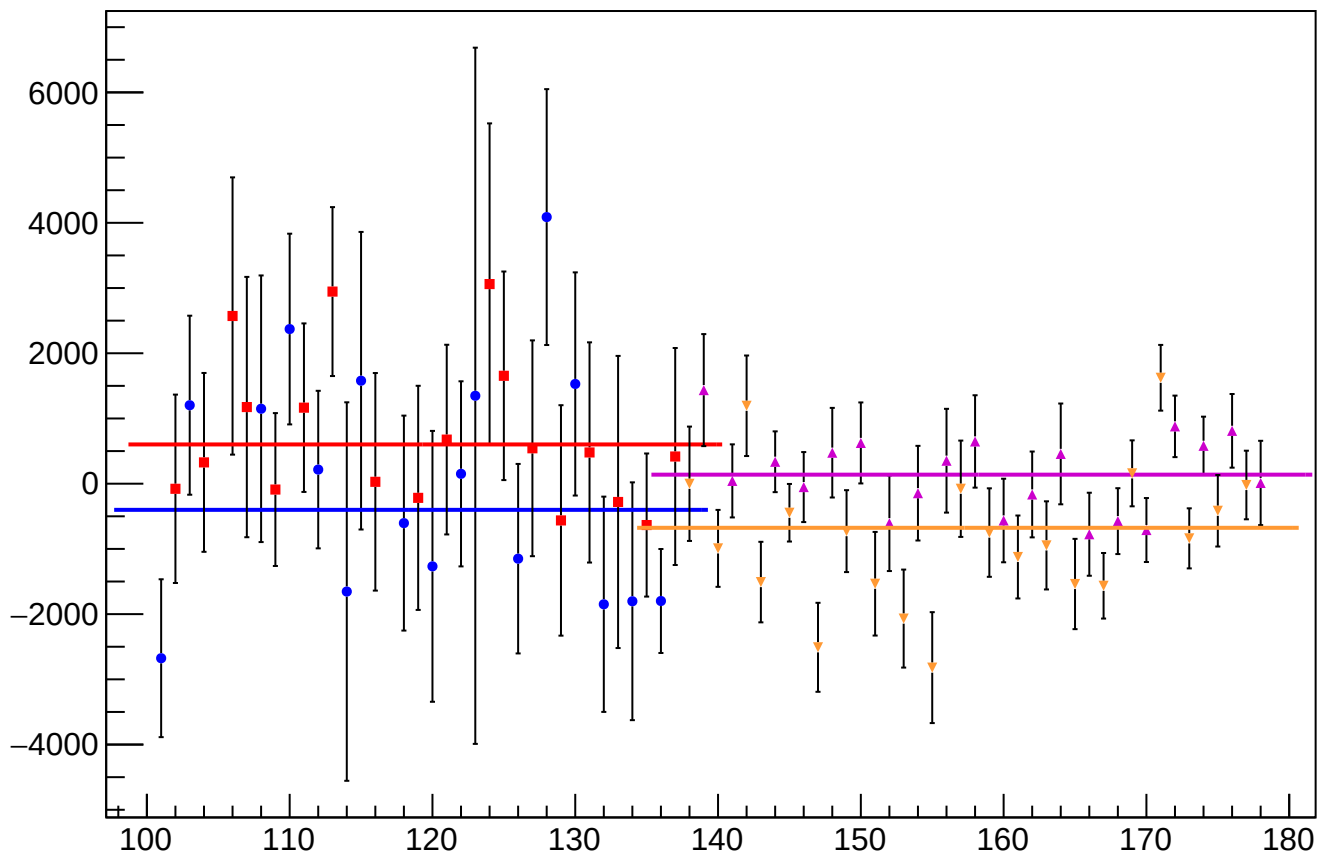
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.290 $\pm$ 0.012 χ^2 /NDF: 1075491.1/36

Out: 73.770 $\pm$ 0.011 χ^2 /NDF: 1280114.1/38

All: 74.507 $\pm$ 0.008 χ^2 /NDF: 2364540.7/75

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -676.394+/-132.164 χ^2/NDF : 58.5/20

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 138.502+/-132.854 χ^2/NDF : 18.8/19

Left: -271.068+/-93.697 χ^2/NDF : 96.2/40

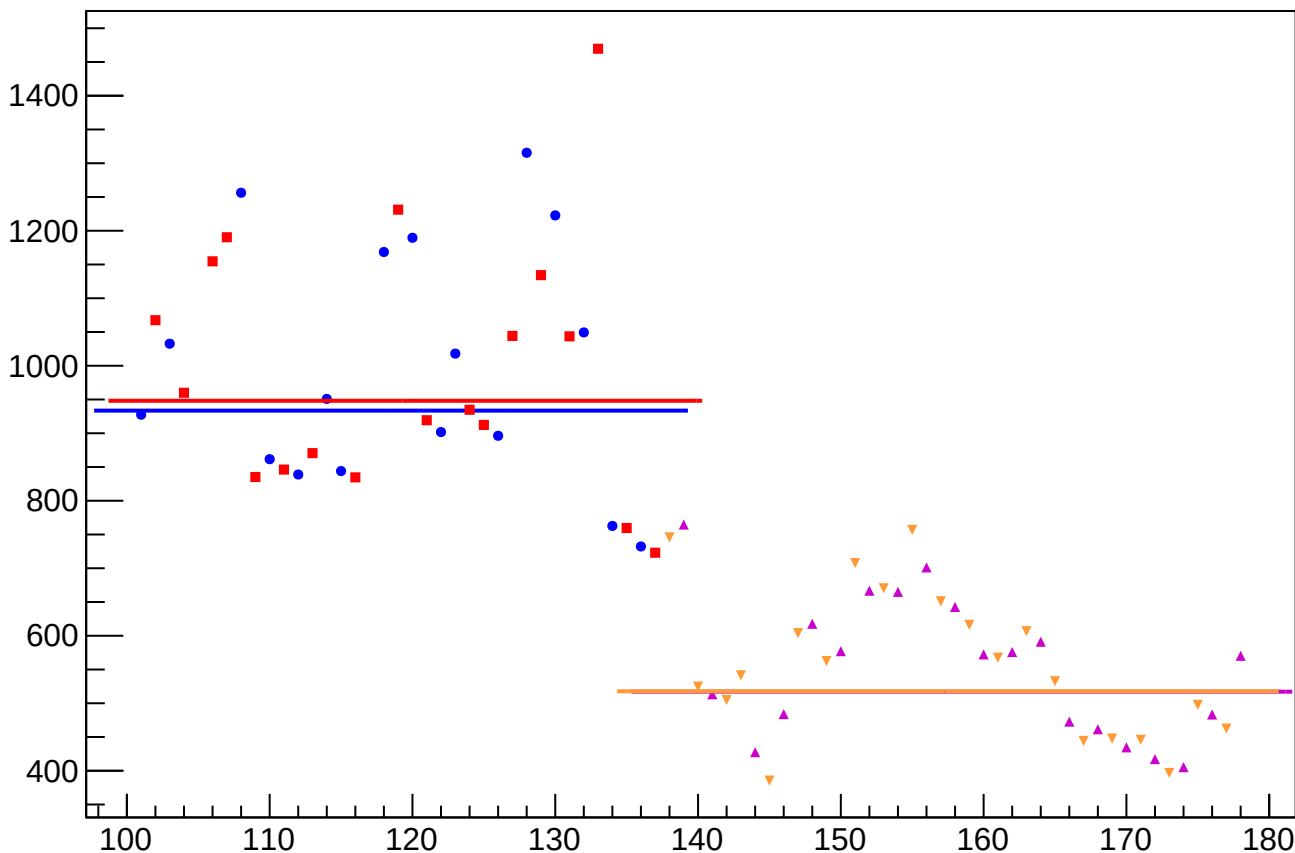
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 76.433+/-124.979 χ^2/NDF : 42.6/36

Out: -527.262+/-124.215 χ^2/NDF : 78.1/38

All: -227.264+/-88.102 χ^2/NDF : 132.4/75

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 517.748+/-0.093 χ^2/NDF : 1155271.5/20

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 517.159+/-0.094 χ^2/NDF : 1020907.0/19

Left: 517.455+/-0.066 χ^2/NDF : 2176198.2/40

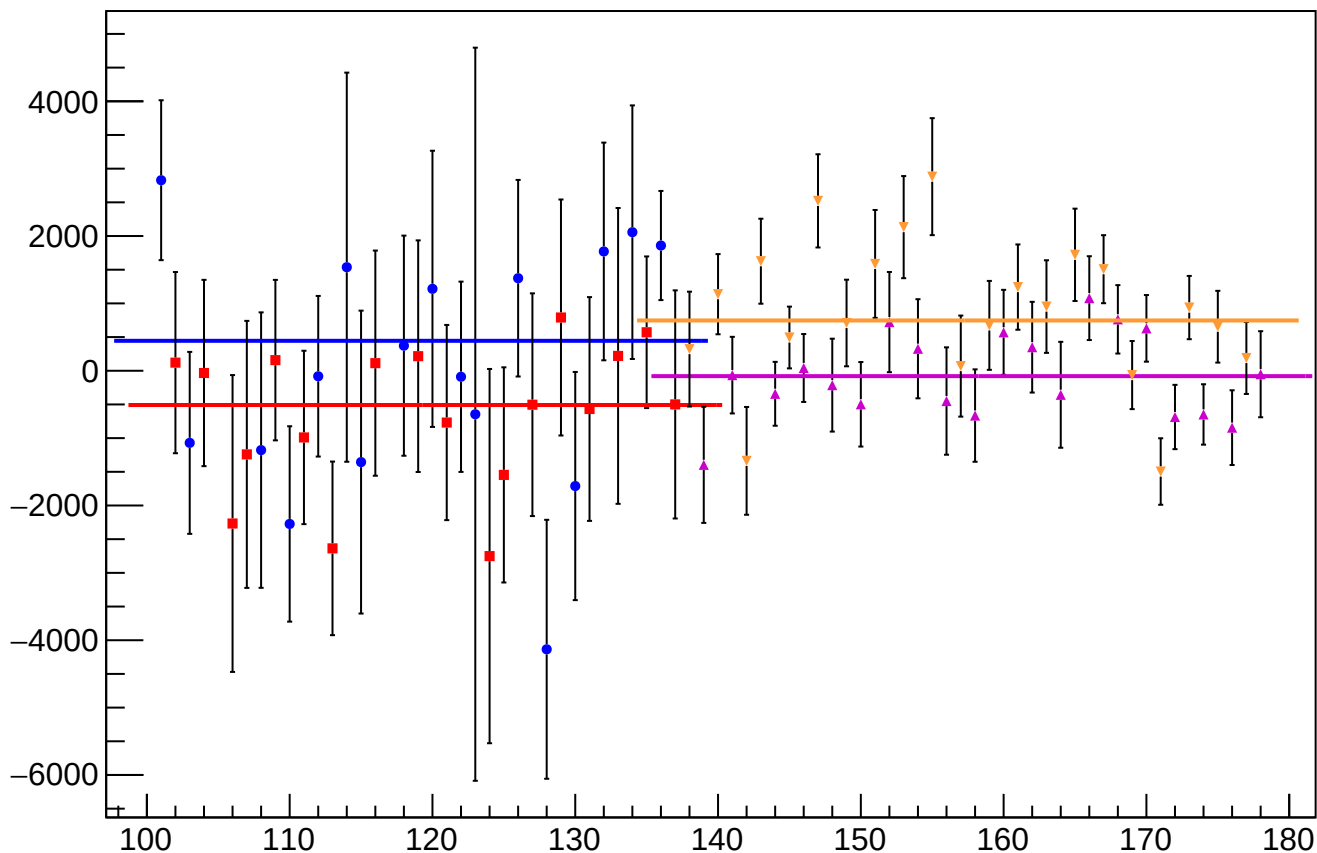
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 565.058+/-0.088 χ^2/NDF : 3723125.4/36

Out: 567.959+/-0.088 χ^2/NDF : 4034752.4/38

All: 566.517+/-0.062 χ^2/NDF : 7758419.7/75

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669 $\pm$ 367.099 χ^2 /NDF: 22.9/16

Left Out: 746.625 $\pm$ 133.045 χ^2 /NDF:57.1/20

Right Out: -508.221 $\pm$ 364.112 χ^2 /NDF: 7.3/17

Left In: -79.824 $\pm$ 132.711 χ^2 /NDF:20.6/19

Left: 332.360 $\pm$ 93.959 χ^2 /NDF: 97.0/40

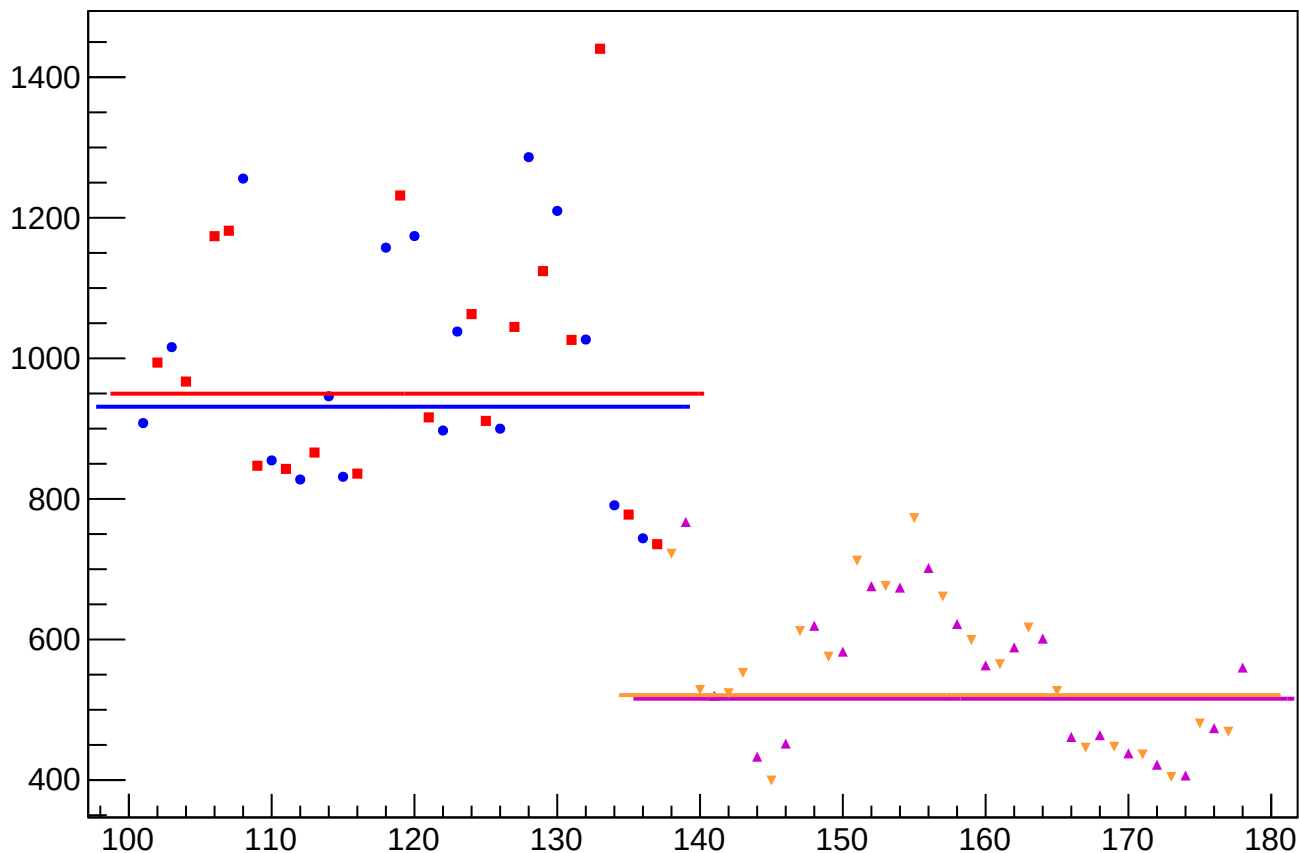
Right: -35.668 $\pm$ 258.516 χ^2 /NDF: 33.6/34

In: -19.200 $\pm$ 124.806 χ^2 /NDF:45.3/36

Out: 598.819 $\pm$ 124.964 χ^2 /NDF:74.9/38

All: 289.417 $\pm$ 88.307 χ^2 /NDF: 132.4/75

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 520.877 $\pm$ 0.094 χ^2 /NDF:1117439.0/20

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 515.766 $\pm$ 0.094 χ^2 /NDF:1034442.6/19

Left: 518.315 $\pm$ 0.066 χ^2 /NDF: 2153360.9/40

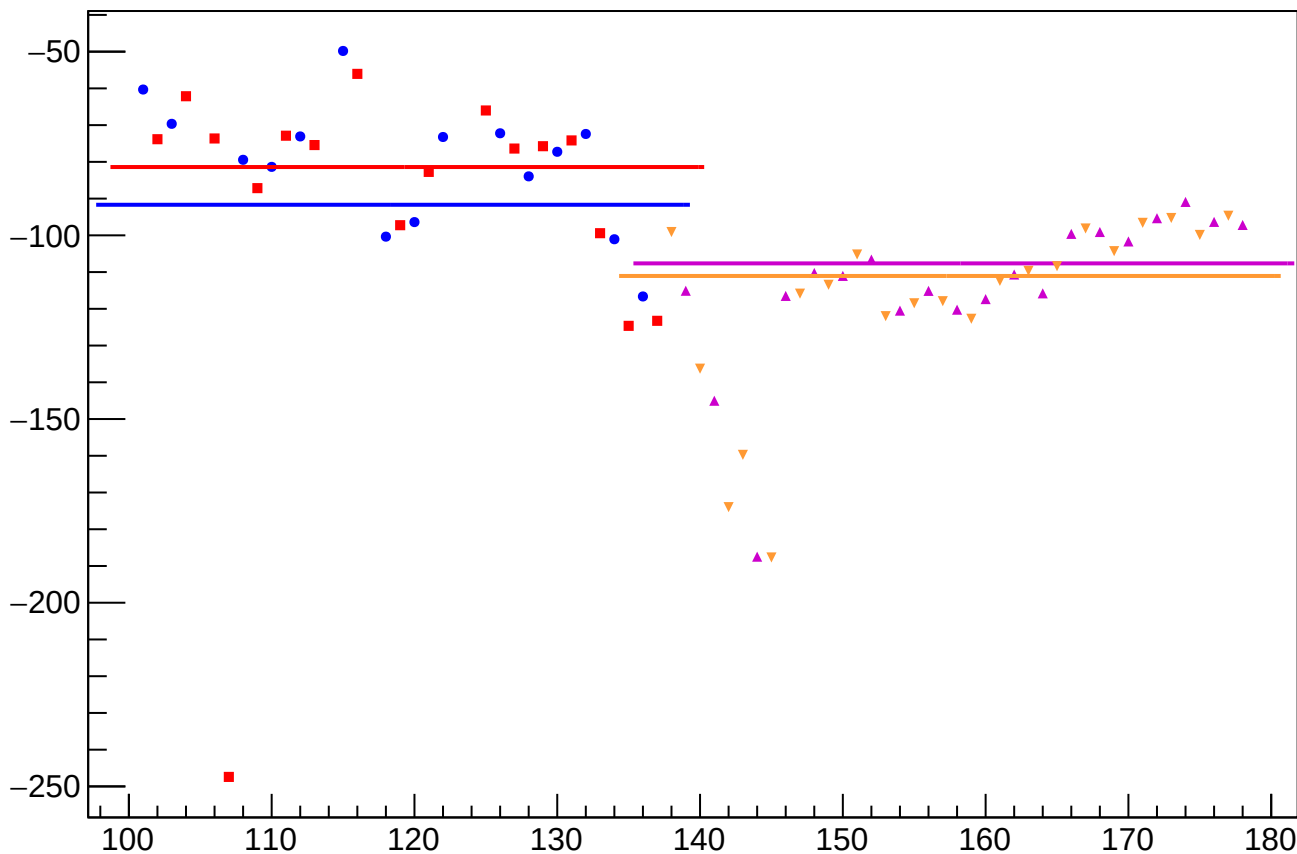
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 563.785 $\pm$ 0.088 χ^2 /NDF:3700000.5/36

Out: 571.392 $\pm$ 0.088 χ^2 /NDF:3930757.3/38

All: 567.584 $\pm$ 0.062 χ^2 /NDF: 7634468.7/75

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -111.057 ± 0.058 χ^2/NDF : 56960.0/20

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -107.633 ± 0.049 χ^2/NDF : 108437.6/19

Left: -109.054 ± 0.037 χ^2/NDF : 167456.9/40

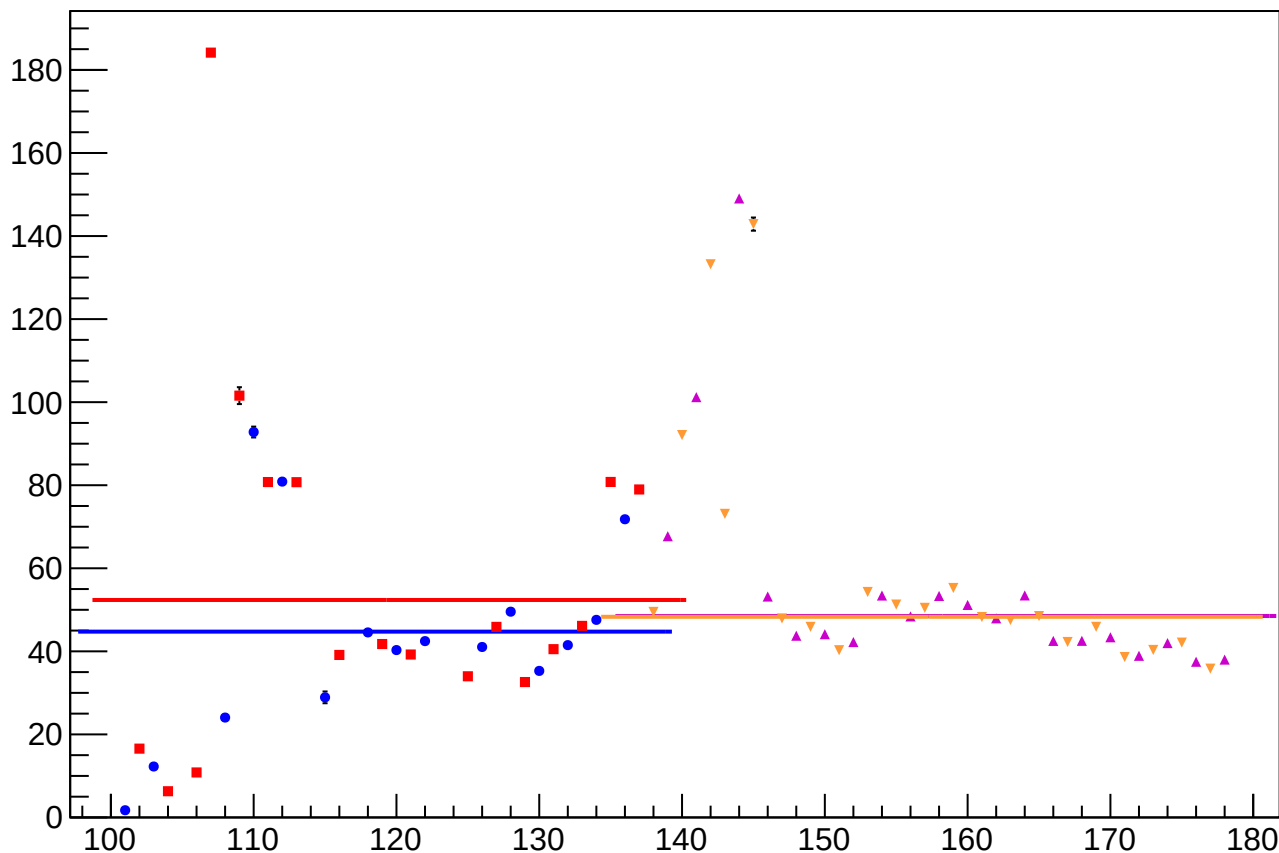
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.456 ± 0.040 χ^2/NDF : 208012.7/34

Out: -103.477 ± 0.050 χ^2/NDF : 166162.0/37

All: -102.856 ± 0.031 χ^2/NDF : 374430.5/72

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 48.320+/-0.048 χ^2/NDF : 58732.4/20

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 48.513+/-0.043 χ^2/NDF : 143056.4/19

Left: 48.427+/-0.032 χ^2/NDF : 201797.9/40

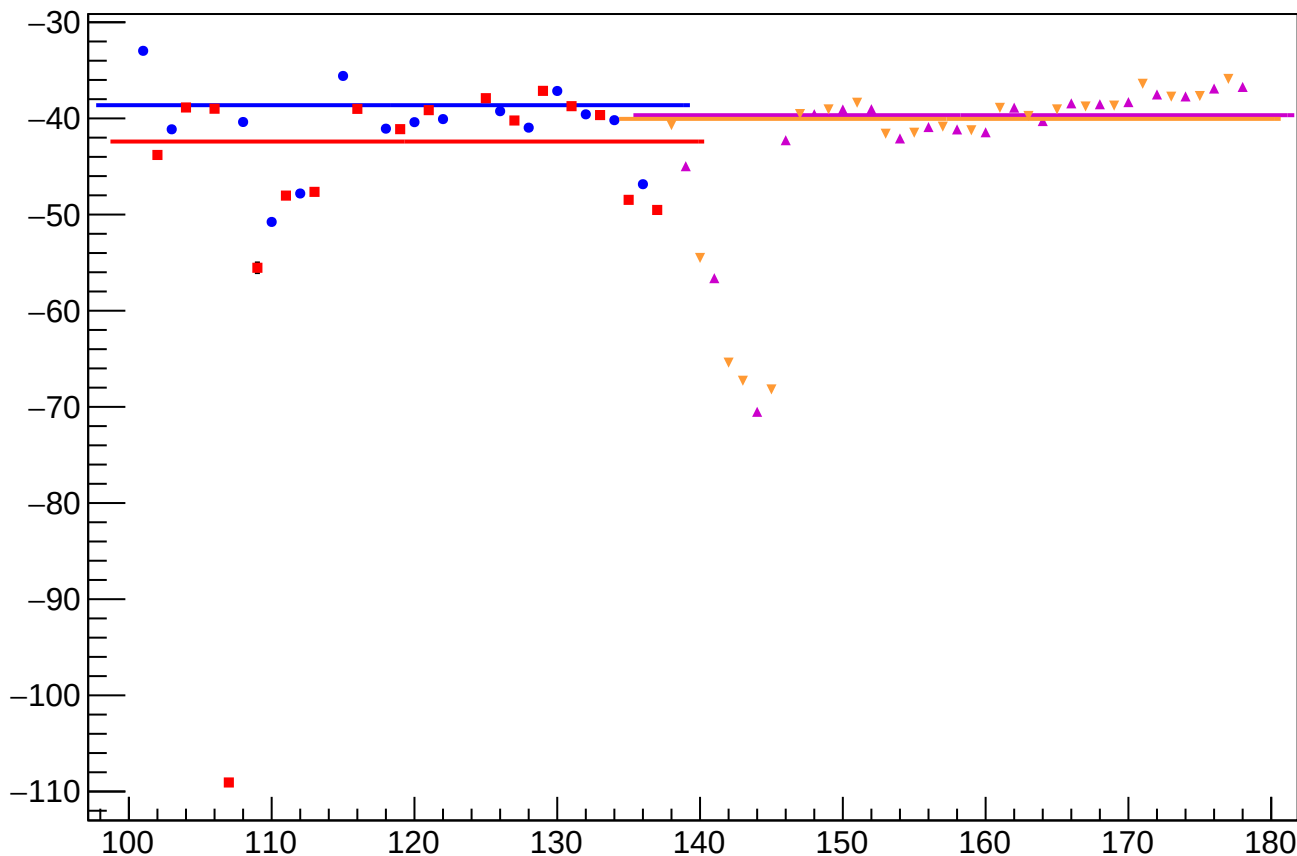
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 47.257+/-0.035 χ^2/NDF : 230334.1/34

Out: 48.936+/-0.044 χ^2/NDF : 129113.2/37

All: 47.908+/-0.027 χ^2/NDF : 360341.8/72

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -40.048 ± 0.007 χ^2/NDF : 245054.0/20

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.666 ± 0.007 χ^2/NDF : 205829.8/19

Left: -39.861 ± 0.005 χ^2/NDF : 452257.0/40

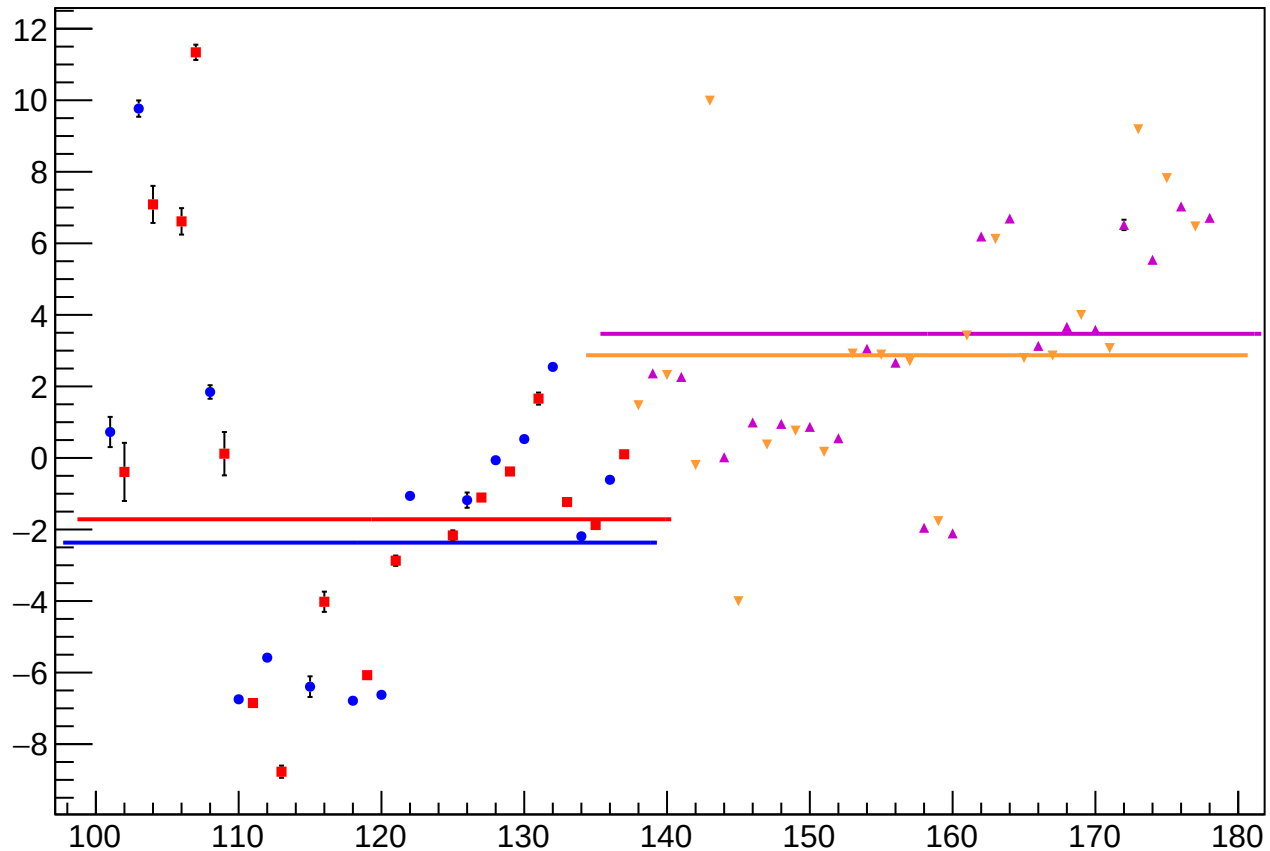
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.205 ± 0.006 χ^2/NDF : 454758.5/34

Out: -40.292 ± 0.007 χ^2/NDF : 525194.1/37

All: -39.632 ± 0.004 χ^2/NDF : 995285.0/72

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 2.871 ± 0.008 $\chi^2/\text{NDF}: 121939.9/20$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 3.471 ± 0.006 $\chi^2/\text{NDF}: 197387.1/19$

Left: 3.237 ± 0.005 $\chi^2/\text{NDF}: 323026.4/40$

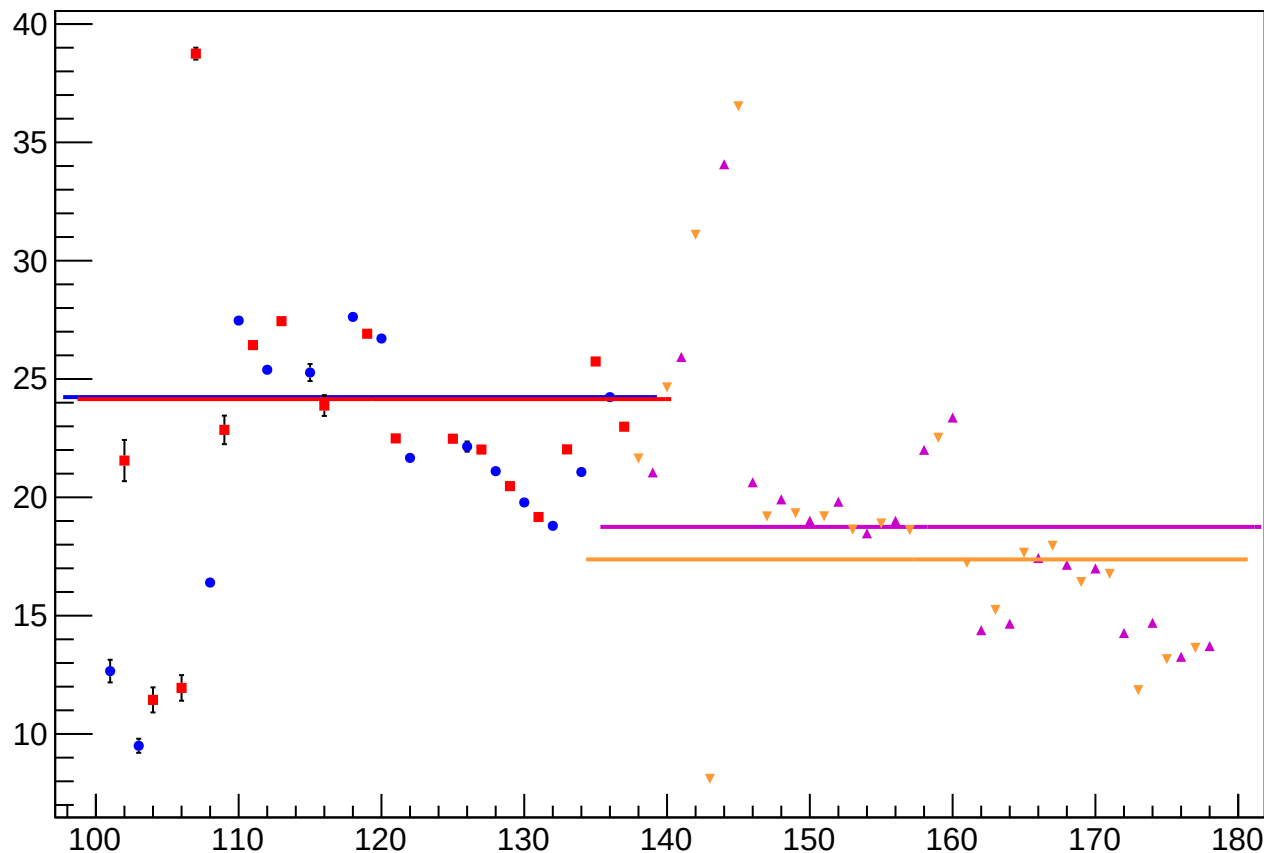
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 2.535 ± 0.006 $\chi^2/\text{NDF}: 370646.5/34$

Out: 2.526 ± 0.007 $\chi^2/\text{NDF}: 161357.6/37$

All: 2.532 ± 0.004 $\chi^2/\text{NDF}: 532005.0/72$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 17.377+/-0.008 χ^2/NDF :145511.4/20

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 18.750+/-0.007 χ^2/NDF :185802.3/19

Left: 18.079+/-0.005 χ^2/NDF : 347955.1/40

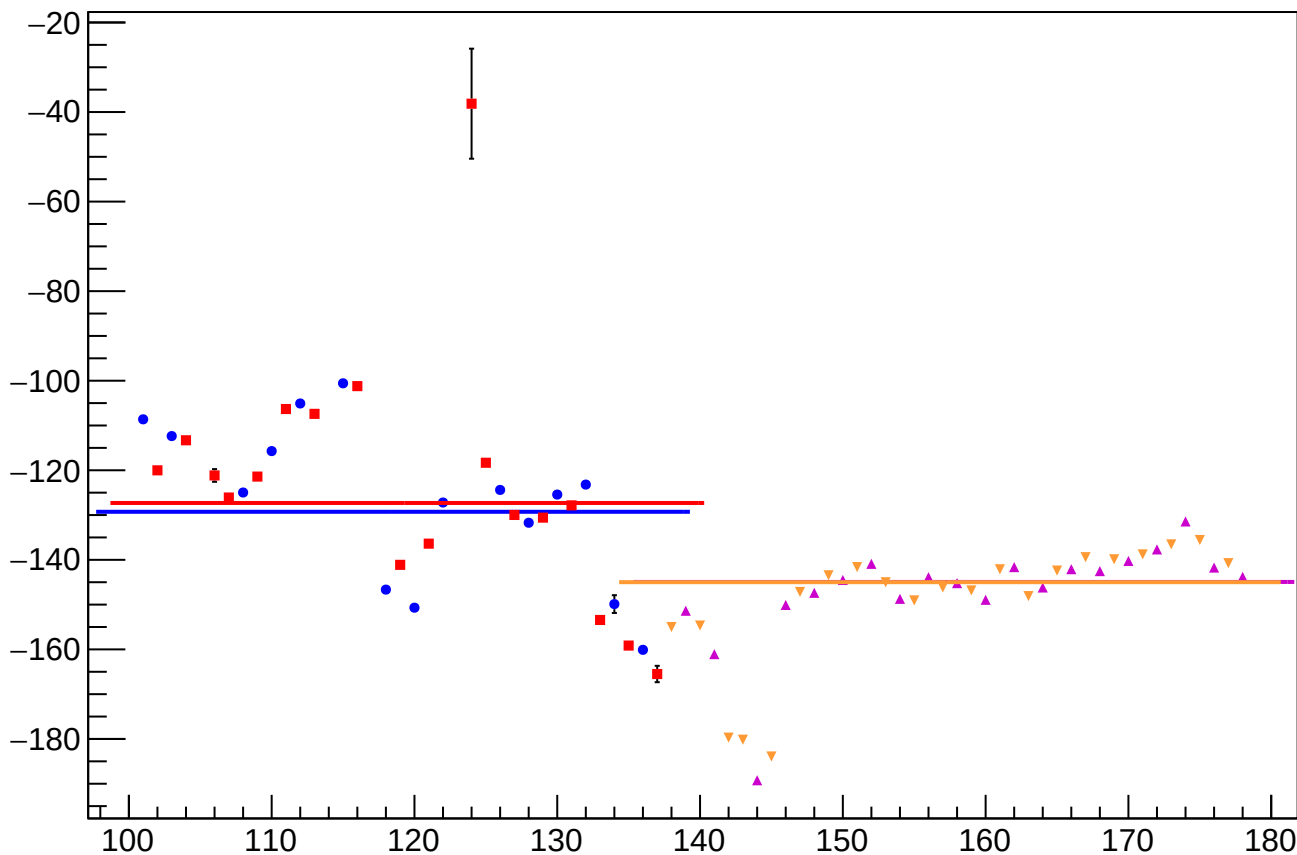
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 19.312+/-0.007 χ^2/NDF :263373.5/34

Out: 17.979+/-0.007 χ^2/NDF :229105.2/37

All: 18.666+/-0.005 χ^2/NDF : 509799.9/72

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -144.989 $\pm$ 0.047 χ^2 /NDF: 41599.7/20

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -144.937 $\pm$ 0.048 χ^2 /NDF: 32287.4/19

Left: -144.963 $\pm$ 0.034 χ^2 /NDF: 73887.7/40

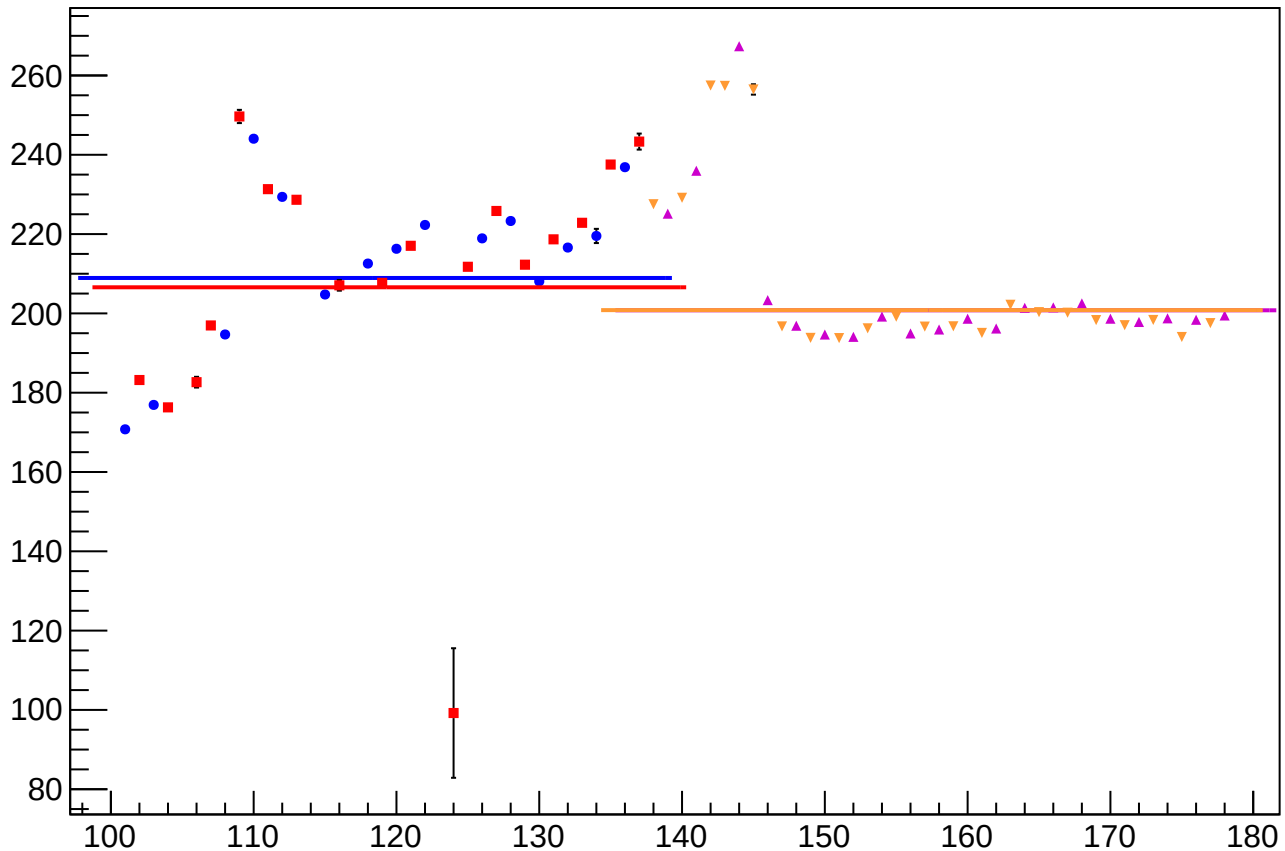
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.354 $\pm$ 0.042 χ^2 /NDF: 91963.2/34

Out: -140.742 $\pm$ 0.041 χ^2 /NDF: 104628.4/38

All: -141.043 $\pm$ 0.029 χ^2 /NDF: 196699.8/73

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.822 $\pm$ 0.040 χ^2 /NDF:107739.9/20

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.781 $\pm$ 0.041 χ^2 /NDF:77055.0/19

Left: 200.802 $\pm$ 0.029 χ^2 /NDF: 184795.4/40

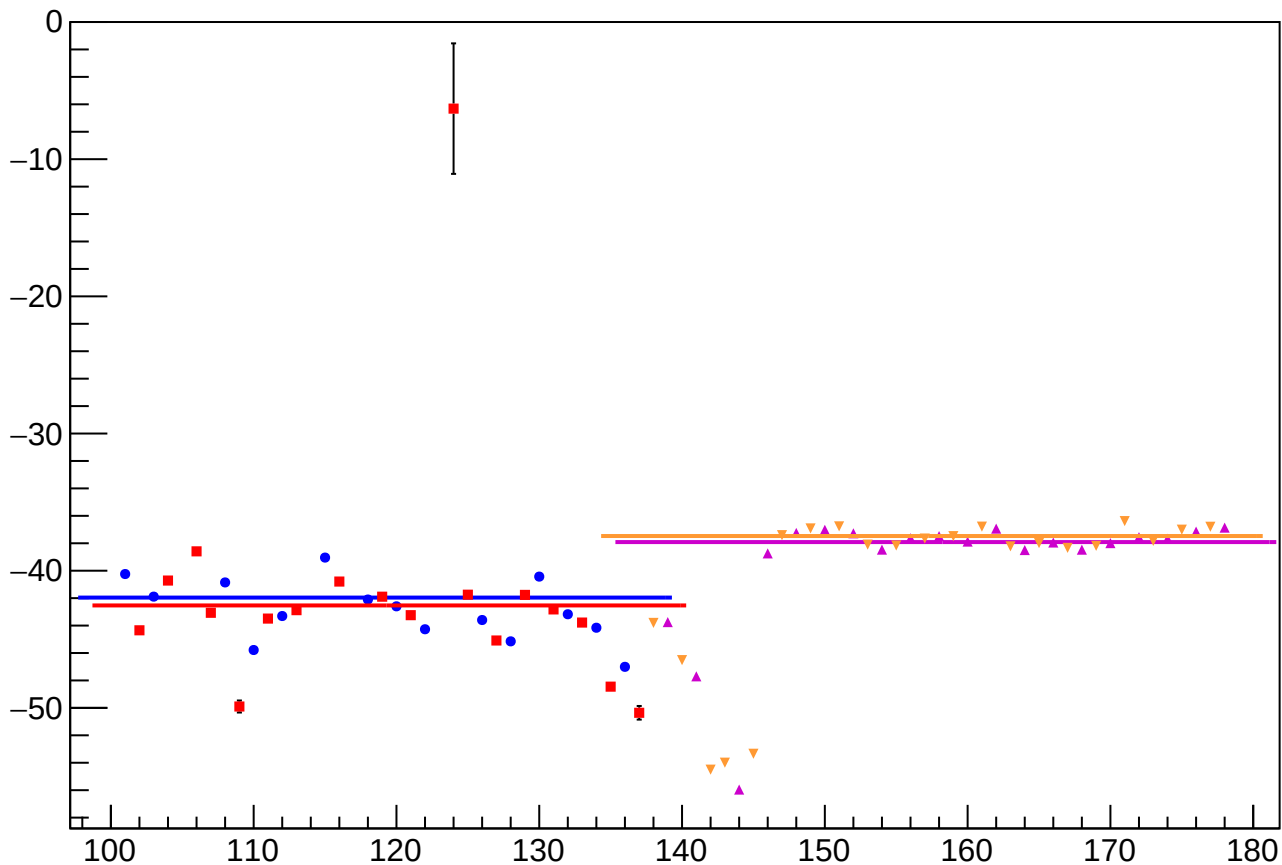
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.228 $\pm$ 0.038 χ^2 /NDF:128610.8/34

Out: 201.904 $\pm$ 0.036 χ^2 /NDF:159843.2/38

All: 202.059 $\pm$ 0.026 χ^2 /NDF: 288492.8/73

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.472 ± 0.004 χ^2/NDF : 228833.1/20

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -37.913 ± 0.004 χ^2/NDF : 139364.8/19

Left: -37.665 ± 0.003 χ^2/NDF : 373761.4/40

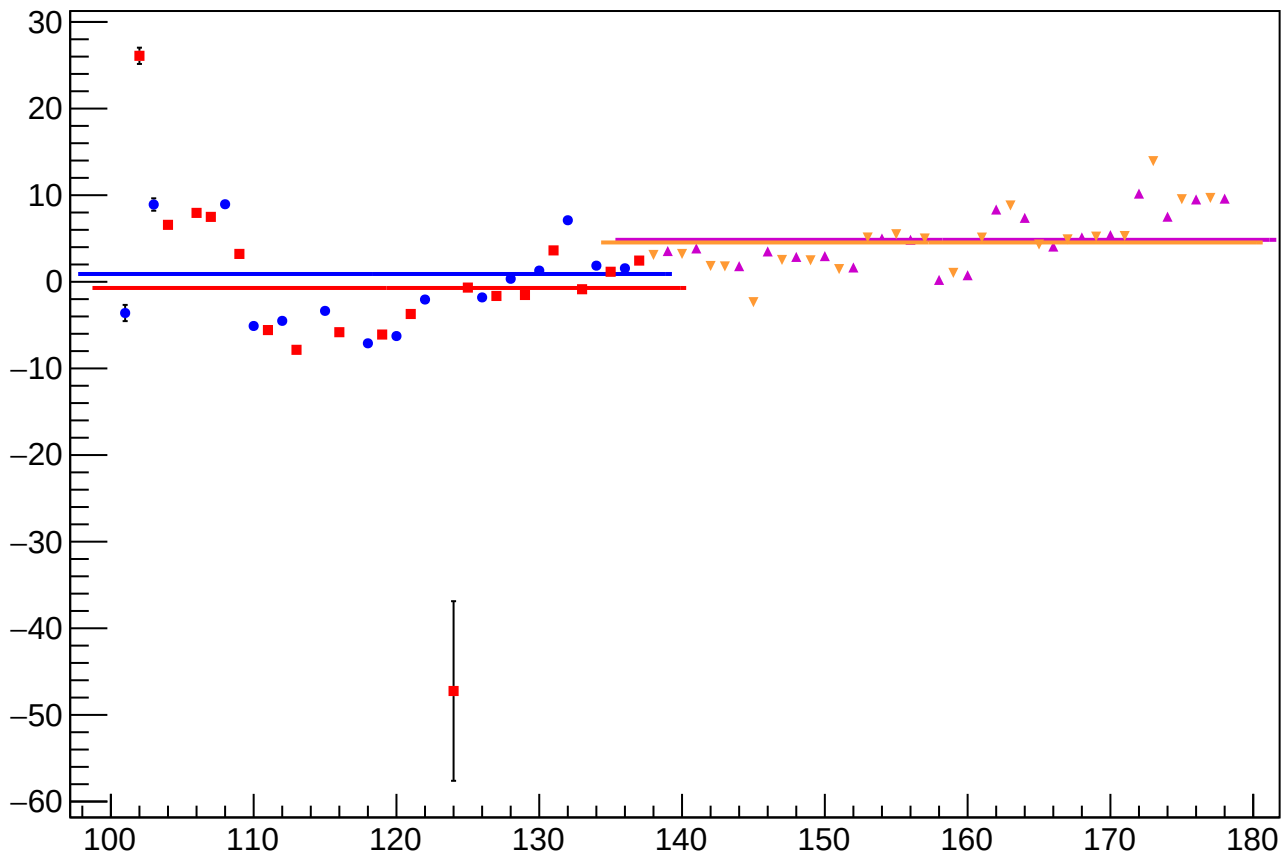
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.215 ± 0.004 χ^2/NDF : 225798.8/34

Out: -37.648 ± 0.004 χ^2/NDF : 292909.6/38

All: -37.903 ± 0.003 χ^2/NDF : 528462.6/73

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.542 ± 0.006 χ^2/NDF : 144955.8/20

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 4.847 ± 0.007 χ^2/NDF : 149456.3/19

Left: 4.677 ± 0.005 χ^2/NDF : 295469.7/40

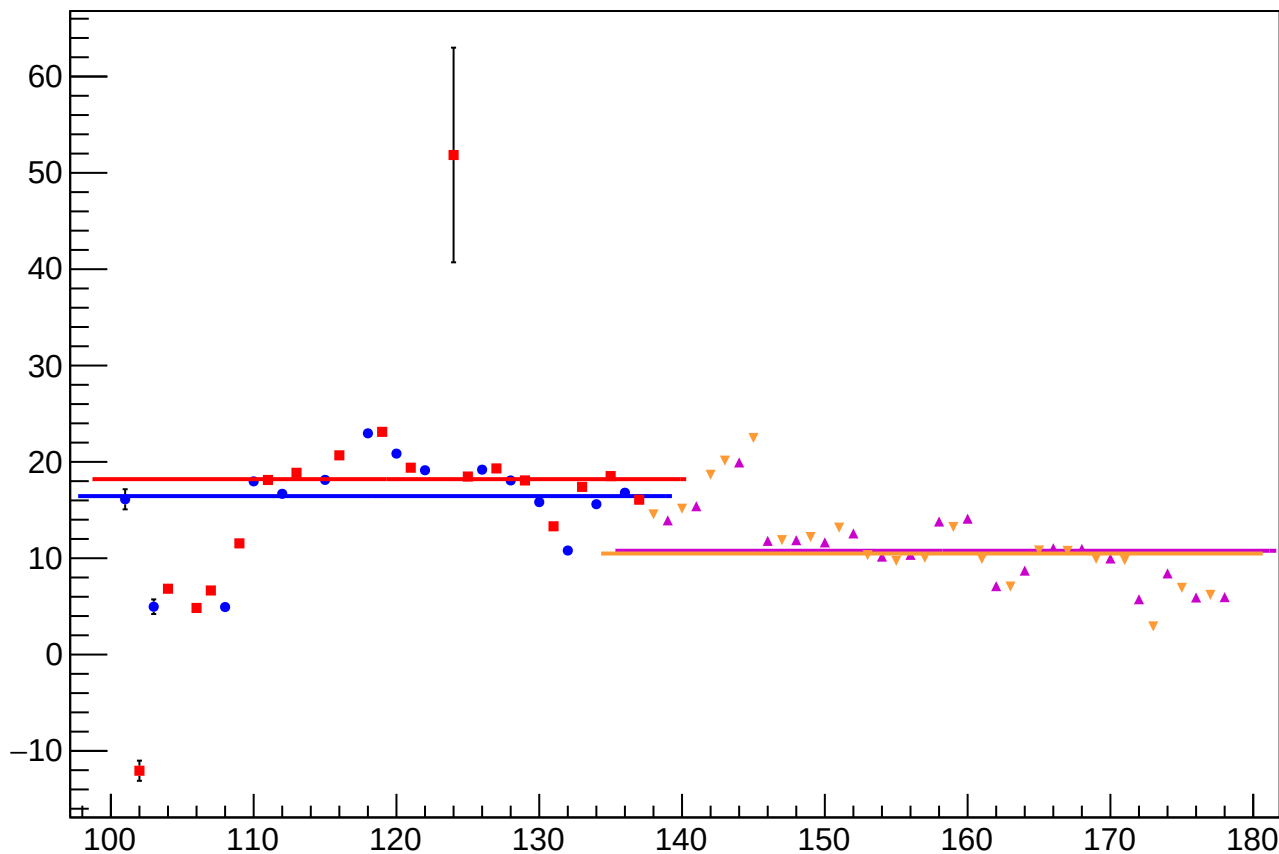
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.420 ± 0.007 χ^2/NDF : 205118.2/34

Out: 4.218 ± 0.006 χ^2/NDF : 219526.1/38

All: 4.310 ± 0.004 χ^2/NDF : 425156.3/73

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.487 $\pm$ 0.008 χ^2 /NDF:168593.3/20

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.774 $\pm$ 0.009 χ^2 /NDF:105508.6/19

Left: 10.613 $\pm$ 0.006 χ^2 /NDF: 274726.5/40

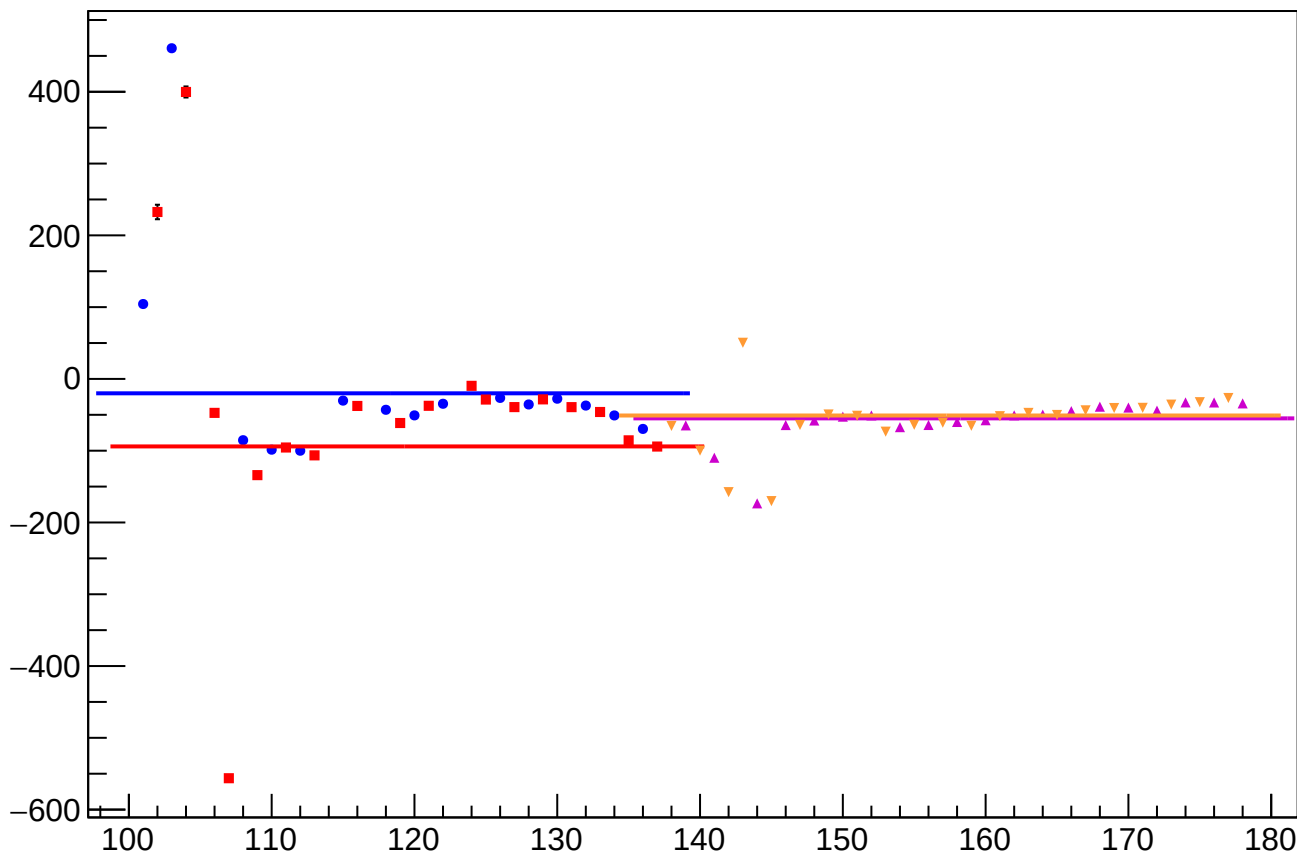
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.401 $\pm$ 0.008 χ^2 /NDF:167744.7/34

Out: 11.433 $\pm$ 0.007 χ^2 /NDF:321365.5/38

All: 11.419 $\pm$ 0.005 χ^2 /NDF: 489118.7/73

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.971 ± 0.093 $\chi^2/\text{NDF}: 58689.6/20$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -54.965 ± 0.106 $\chi^2/\text{NDF}: 57705.9/19$

Left: -52.715 ± 0.070 $\chi^2/\text{NDF}: 117195.2/40$

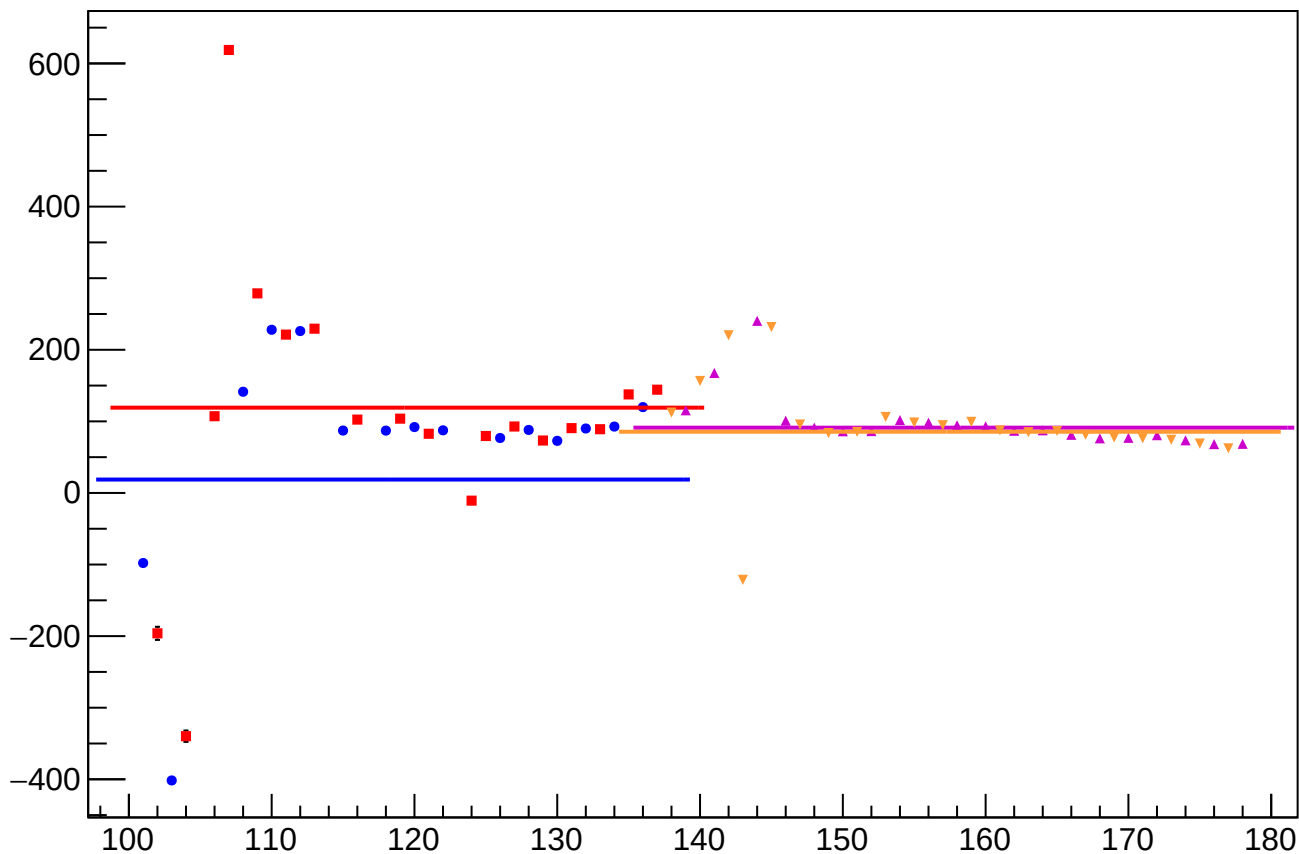
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.660 ± 0.087 $\chi^2/\text{NDF}: 534293.2/34$

Out: -93.299 ± 0.012 $\chi^2/\text{NDF}: 355528.9/38$

All: -92.326 ± 0.012 $\chi^2/\text{NDF}: 1207850.8/73$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 85.516 ± 0.083 $\chi^2/\text{NDF}: 177566.0/20$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 91.189 ± 0.092 $\chi^2/\text{NDF}: 80415.2/19$

Left: 88.037 ± 0.062 $\chi^2/\text{NDF}: 260076.8/40$

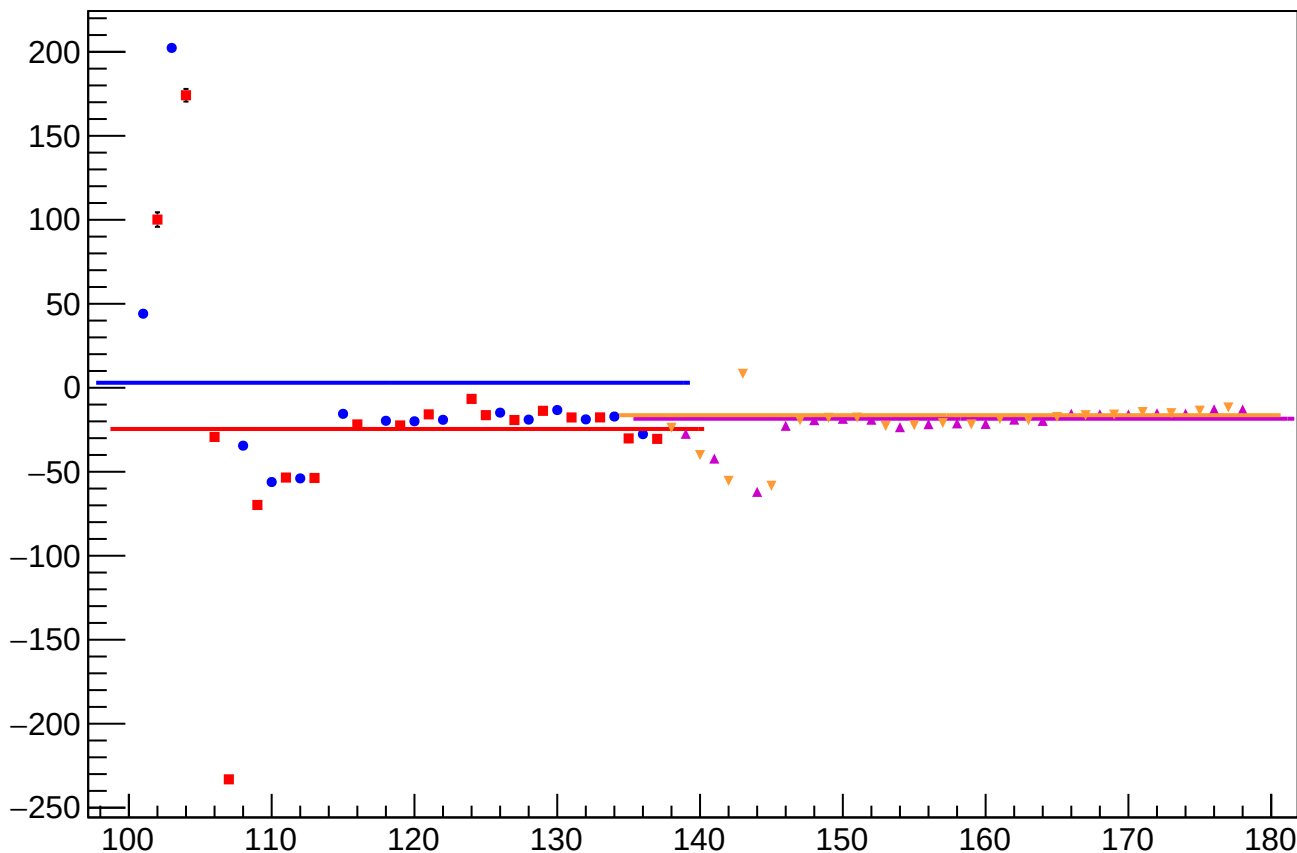
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.662 ± 0.079 $\chi^2/\text{NDF}: 1348052.8/34$

Out: 90.452 ± 0.076 $\chi^2/\text{NDF}: 289355.1/38$

All: 81.376 ± 0.055 $\chi^2/\text{NDF}: 1666692.1/73$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.321 ± 0.012 $\chi^2/\text{NDF}: 578719.2/20$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.432 ± 0.013 $\chi^2/\text{NDF}: 206132.4/19$

Left: -17.345 ± 0.009 $\chi^2/\text{NDF}: 799102.6/40$

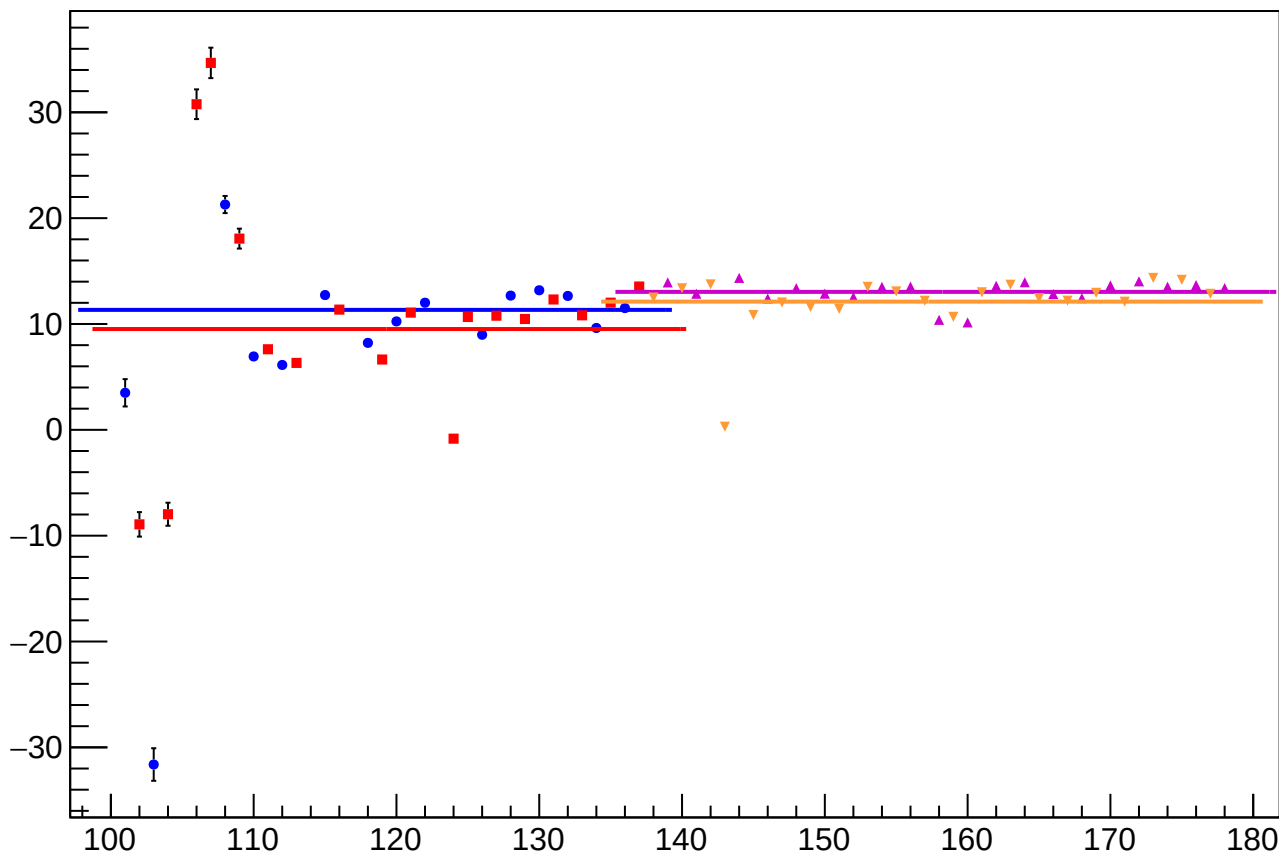
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.530 ± 0.011 $\chi^2/\text{NDF}: 4222141.0/34$

Out: -16.928 ± 0.012 $\chi^2/\text{NDF}: 788019.8/38$

All: -15.690 ± 0.008 $\chi^2/\text{NDF}: 5031284.2/73$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 12.113 ± 0.015 $\chi^2/\text{NDF}: 32771.9/20$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.034 ± 0.012 $\chi^2/\text{NDF}: 6507.2/19$

Left: 12.678 ± 0.009 $\chi^2/\text{NDF}: 41709.2/40$

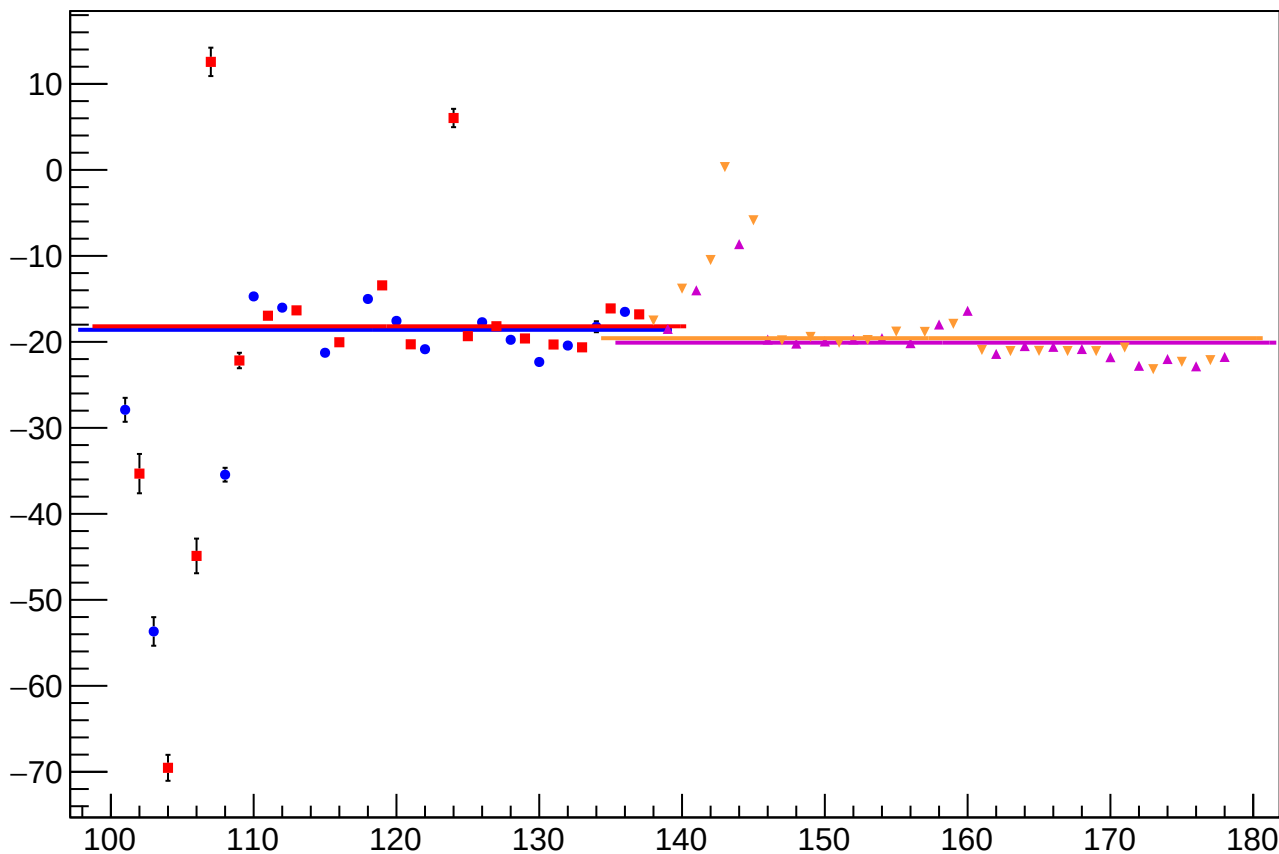
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.884 ± 0.011 $\chi^2/\text{NDF}: 10800.3/34$

Out: 11.893 ± 0.014 $\chi^2/\text{NDF}: 39500.0/38$

All: 12.502 ± 0.009 $\chi^2/\text{NDF}: 53379.3/73$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.572 ± 0.016 χ^2/NDF : 64009.7/20

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -20.091 ± 0.016 χ^2/NDF : 16128.1/19

Left: -19.831 ± 0.011 χ^2/NDF : 80680.9/40

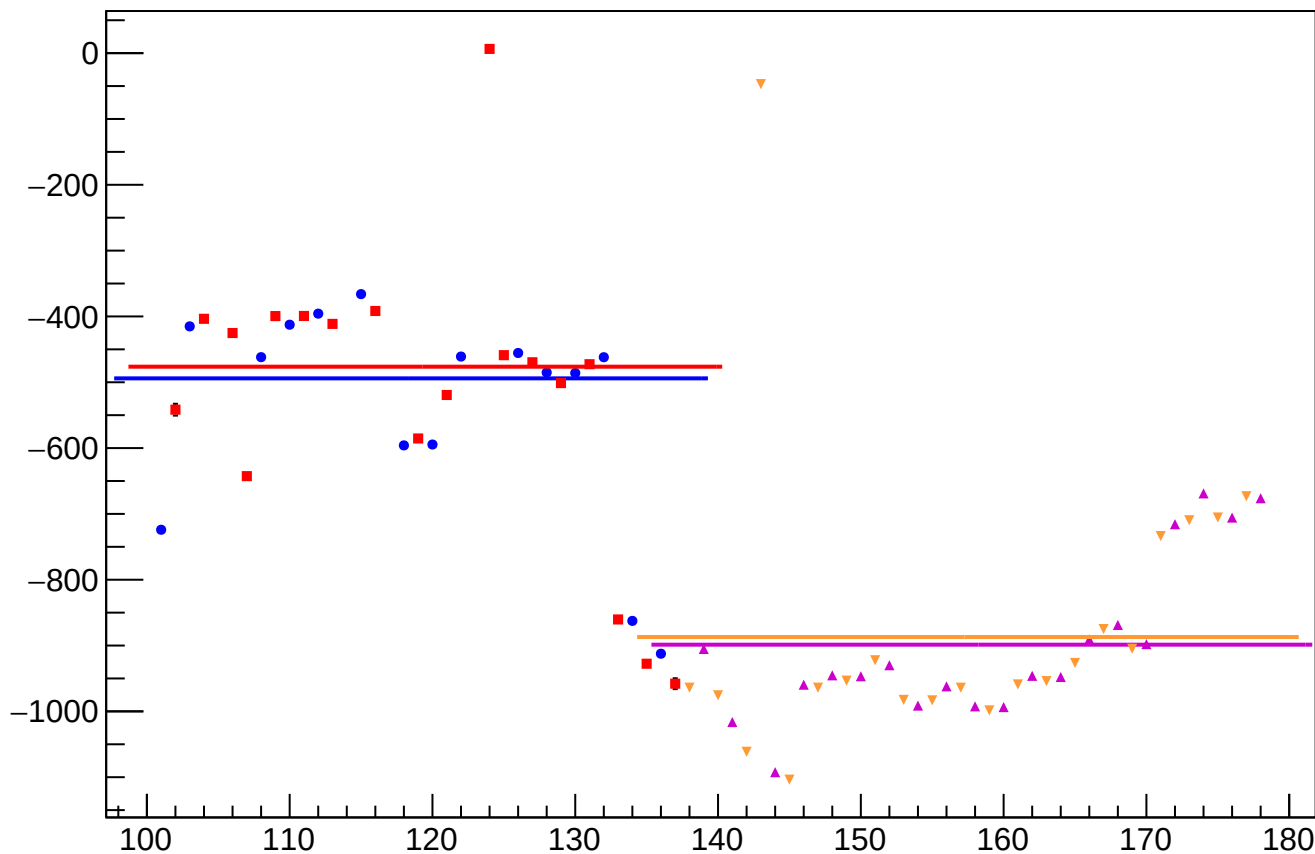
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.863 ± 0.015 χ^2/NDF : 23687.1/34

Out: -19.445 ± 0.015 χ^2/NDF : 69600.7/38

All: -19.660 ± 0.010 χ^2/NDF : 93688.6/73

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 χ^2/NDF : 325996.5/14

Left Out: -887.039 ± 0.158 χ^2/NDF : 736913.5/20

Right Out: -476.348 ± 0.185 χ^2/NDF : 594116.3/17

Left In: -898.688 ± 0.158 χ^2/NDF : 562514.8/19

Left: -892.895 ± 0.112 χ^2/NDF : 1302143.8/40

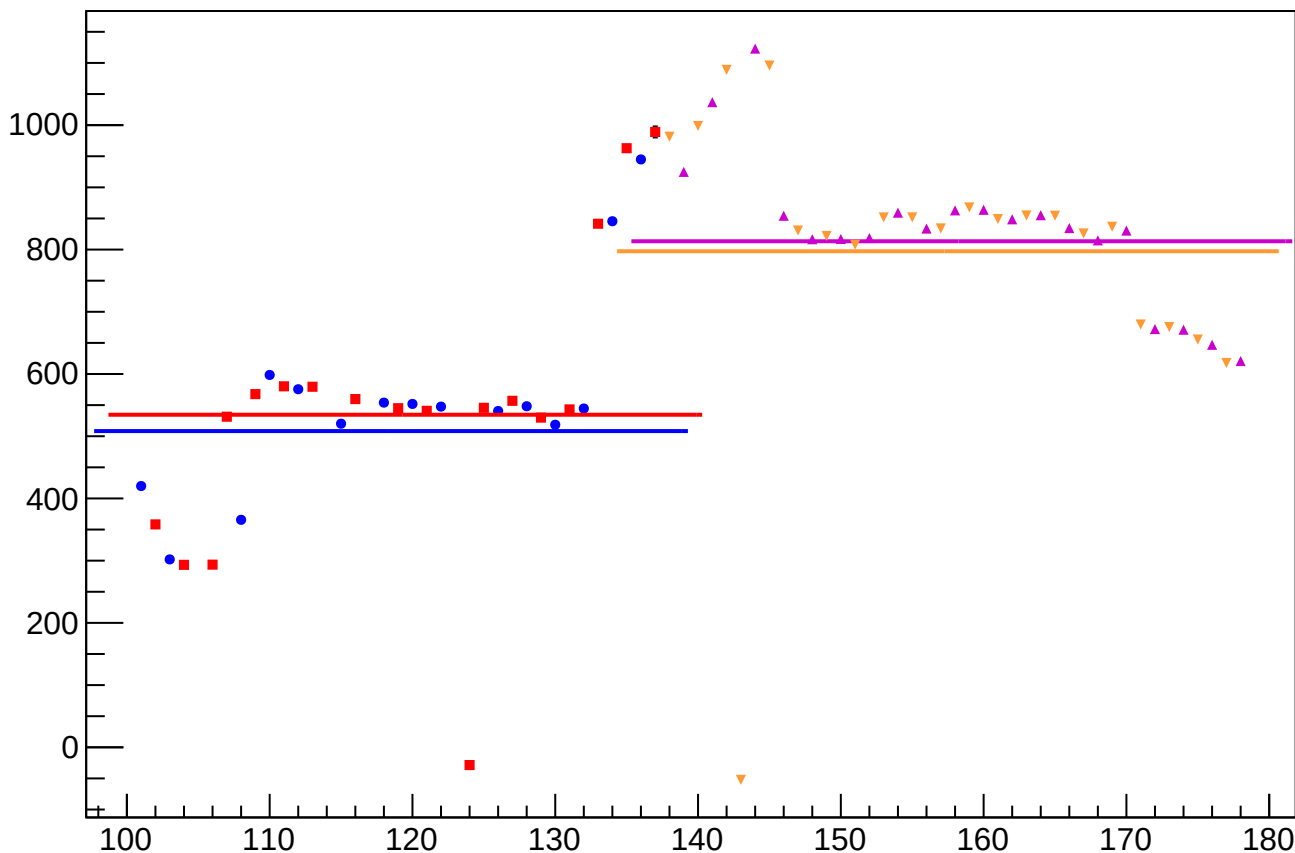
Right: -483.243 ± 0.145 χ^2/NDF : 923680.3/32

In: -770.961 ± 0.130 χ^2/NDF : 2968119.1/34

Out: -713.336 ± 0.120 χ^2/NDF : 4170886.4/38

All: -739.853 ± 0.088 χ^2/NDF : 7244419.2/73

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 797.310 $\pm$ 0.129 χ^2 /NDF: 763453.8/20

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 813.361 $\pm$ 0.131 χ^2 /NDF: 475446.7/19

Left: 805.219 $\pm$ 0.092 χ^2 /NDF: 1246560.0/40

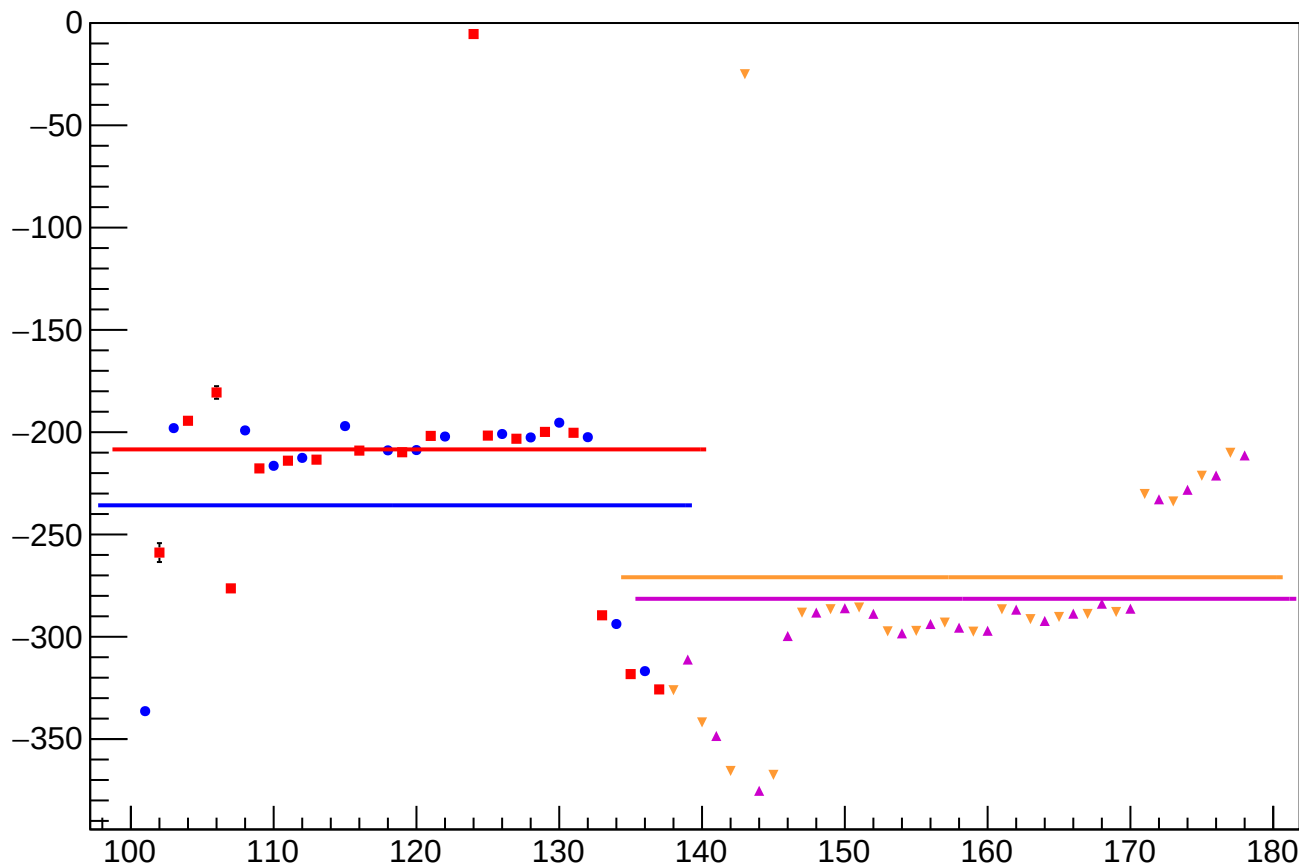
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 734.720 $\pm$ 0.113 χ^2 /NDF: 2320980.3/34

Out: 728.984 $\pm$ 0.111 χ^2 /NDF: 2215074.8/38

All: 731.806 $\pm$ 0.079 χ^2 /NDF: 4537374.6/73

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -270.903 ± 0.023 $\chi^2/\text{NDF}: 6906671.3/20$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -281.439 ± 0.023 $\chi^2/\text{NDF}: 1870445.7/19$

Left: -276.276 ± 0.016 $\chi^2/\text{NDF}: 8879993.3/40$

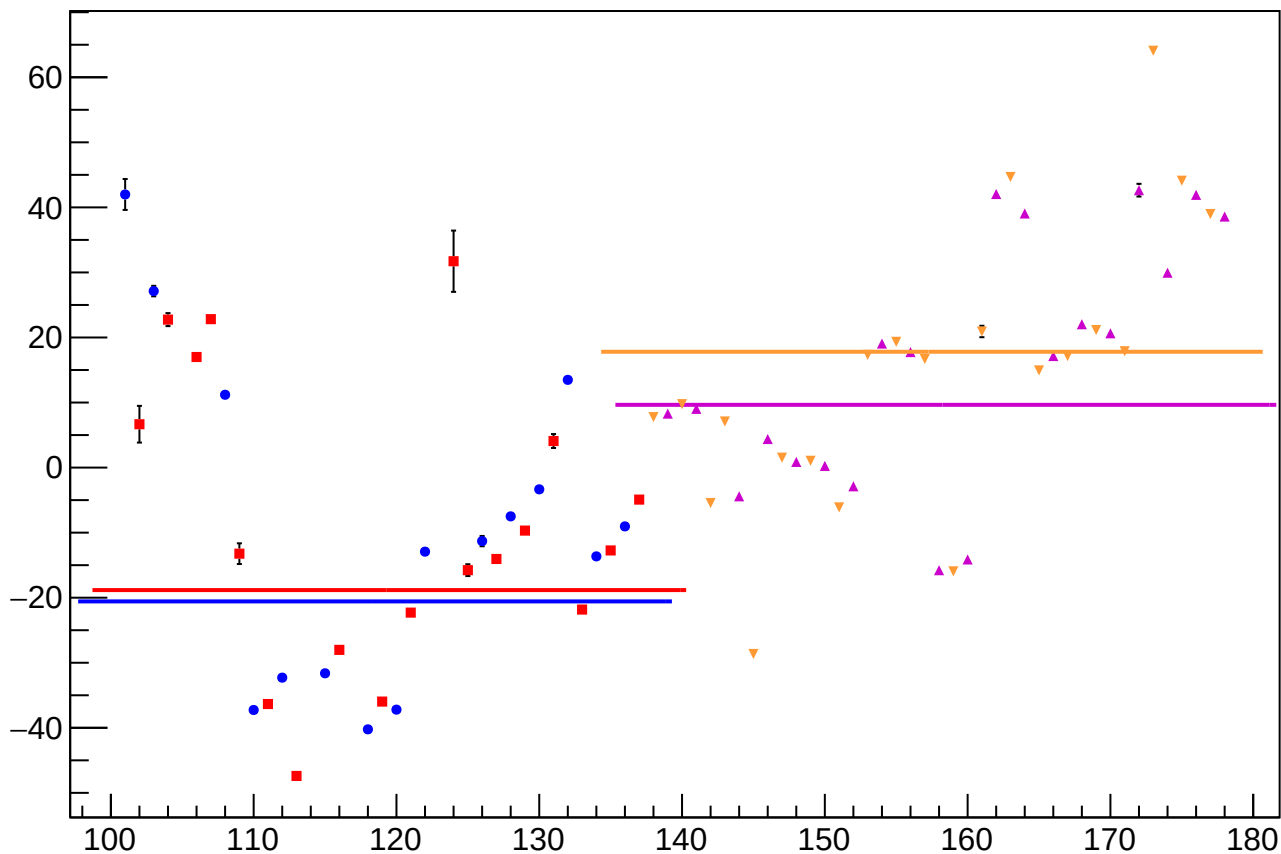
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -274.687 ± 0.021 $\chi^2/\text{NDF}: 3330065.3/34$

Out: -258.332 ± 0.021 $\chi^2/\text{NDF}: 8709309.6/38$

All: -266.408 ± 0.015 $\chi^2/\text{NDF}: 12339850.7/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 17.808 ± 0.022 χ^2/NDF : 629876.6/20

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 9.647 ± 0.019 χ^2/NDF : 1108566.1/19

Left: 13.142 ± 0.014 χ^2/NDF : 1820140.9/40

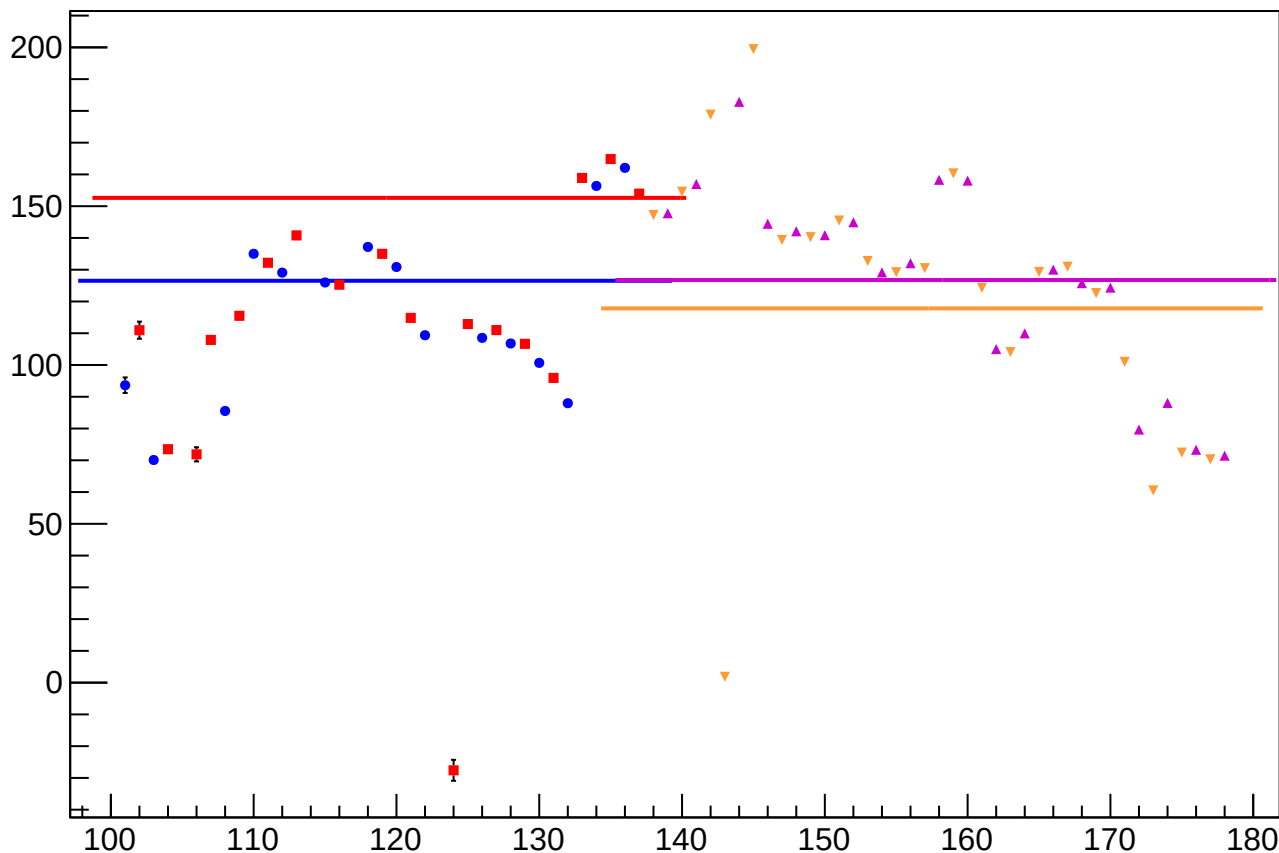
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 7.707 ± 0.018 χ^2/NDF : 1339854.4/34

Out: 16.400 ± 0.021 χ^2/NDF : 761383.9/38

All: 11.372 ± 0.014 χ^2/NDF : 2198764.1/73

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 117.825 $\pm$ 0.027 χ^2 /NDF:1197704.4/20

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 126.753 $\pm$ 0.026 χ^2 /NDF:1102287.2/19

Left: 122.583 $\pm$ 0.019 χ^2 /NDF: 2356476.1/40

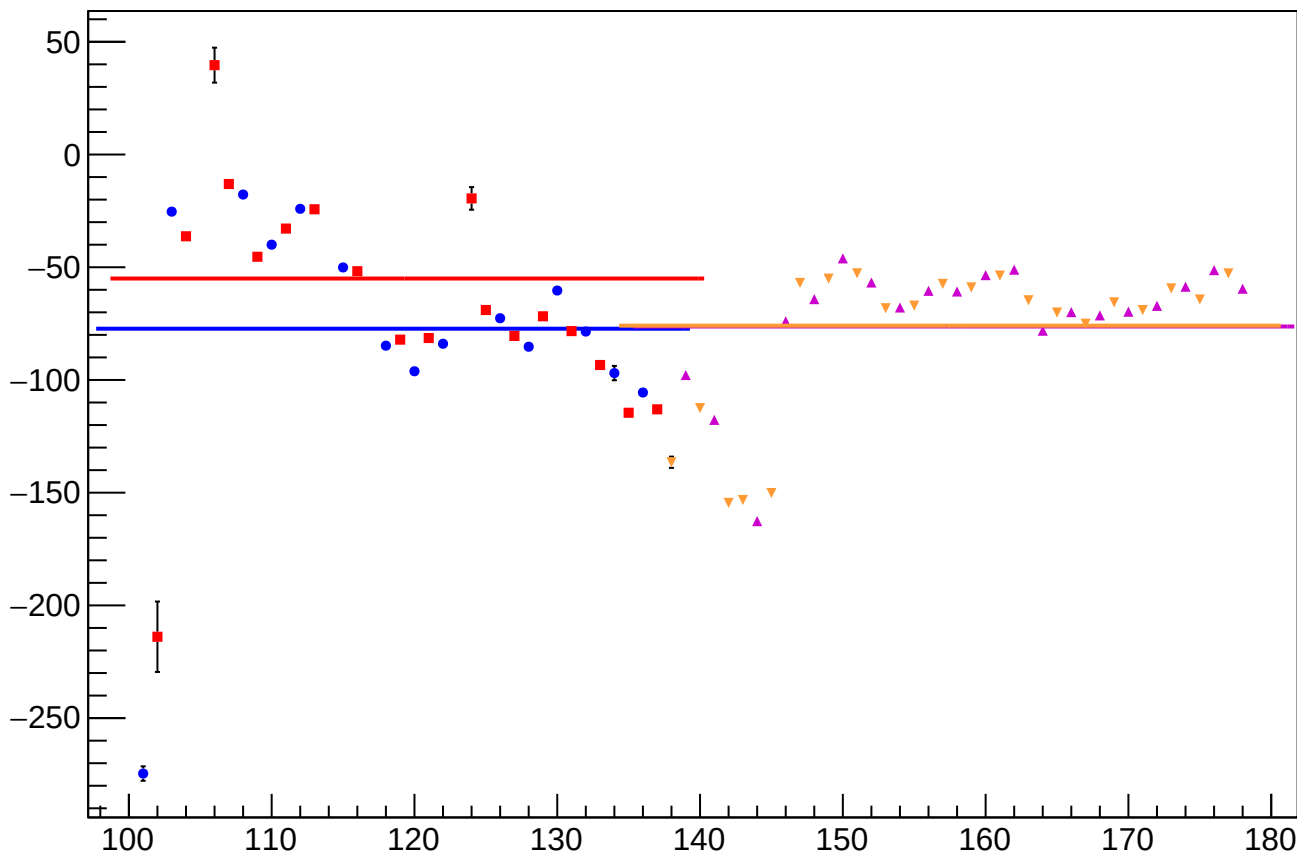
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 126.733 $\pm$ 0.025 χ^2 /NDF:1217261.7/34

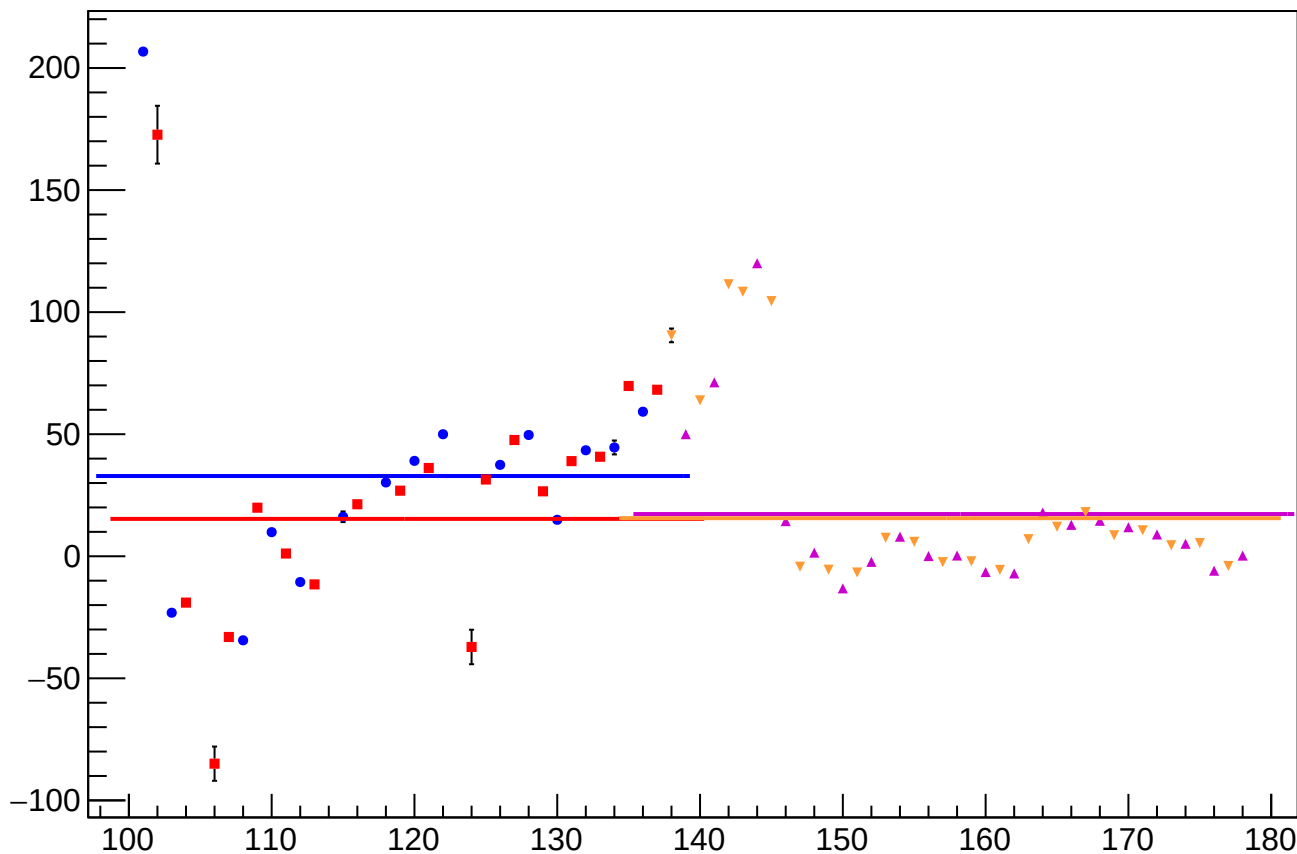
Out: 133.465 $\pm$ 0.020 χ^2 /NDF:1995222.7/38

All: 130.724 $\pm$ 0.016 χ^2 /NDF: 3257052.4/73

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 15.596+/-0.106 χ^2/NDF : 93011.9/20

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 17.297+/-0.105 χ^2/NDF : 92548.4/19

Left: 16.452+/-0.075 χ^2/NDF : 185689.5/40

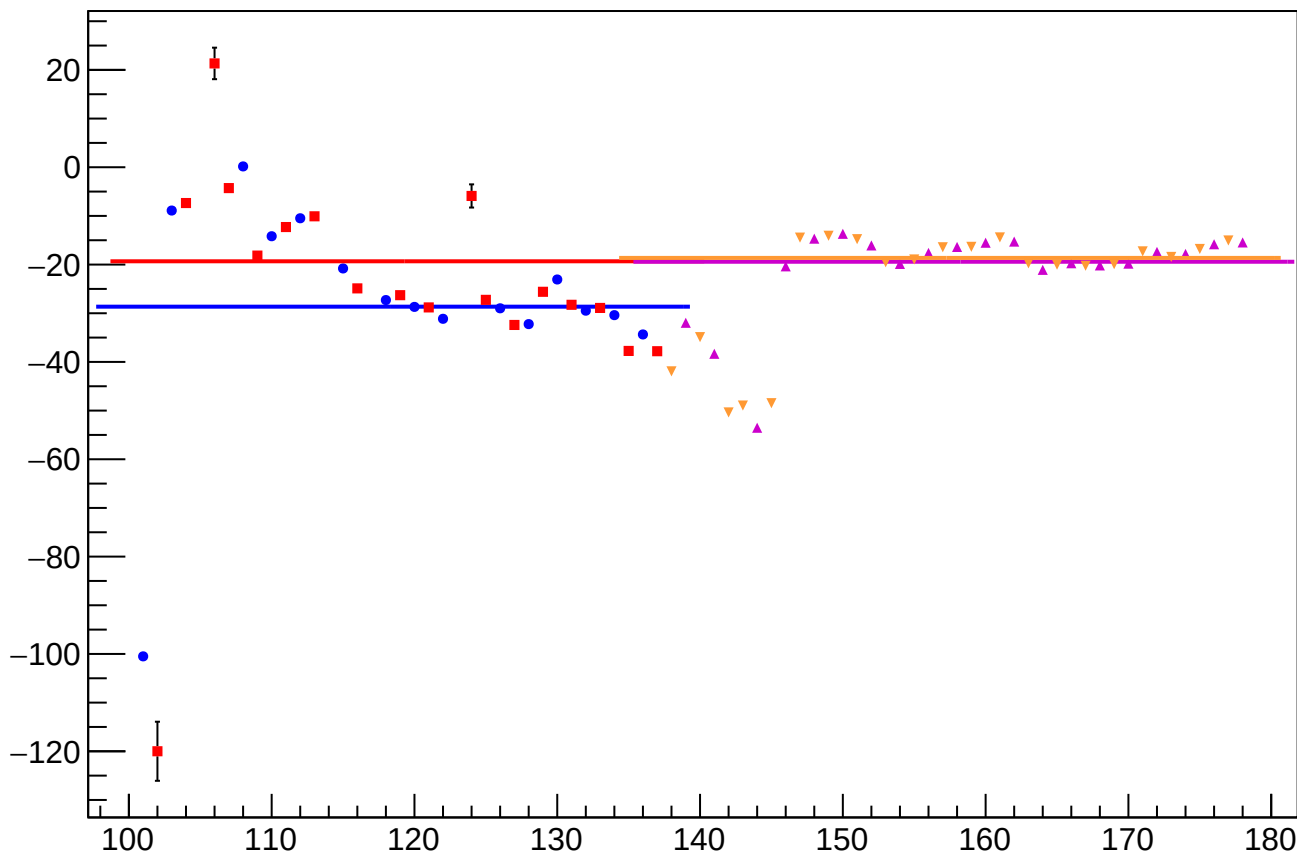
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 22.634+/-0.085 χ^2/NDF : 131417.2/34

Out: 15.538+/-0.095 χ^2/NDF : 109759.4/38

All: 19.447+/-0.063 χ^2/NDF : 244271.5/73

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.630 ± 0.014 $\chi^2/\text{NDF}: 227863.2/20$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.418 ± 0.015 $\chi^2/\text{NDF}: 199826.9/19$

Left: -19.006 ± 0.010 $\chi^2/\text{NDF}: 429142.5/40$

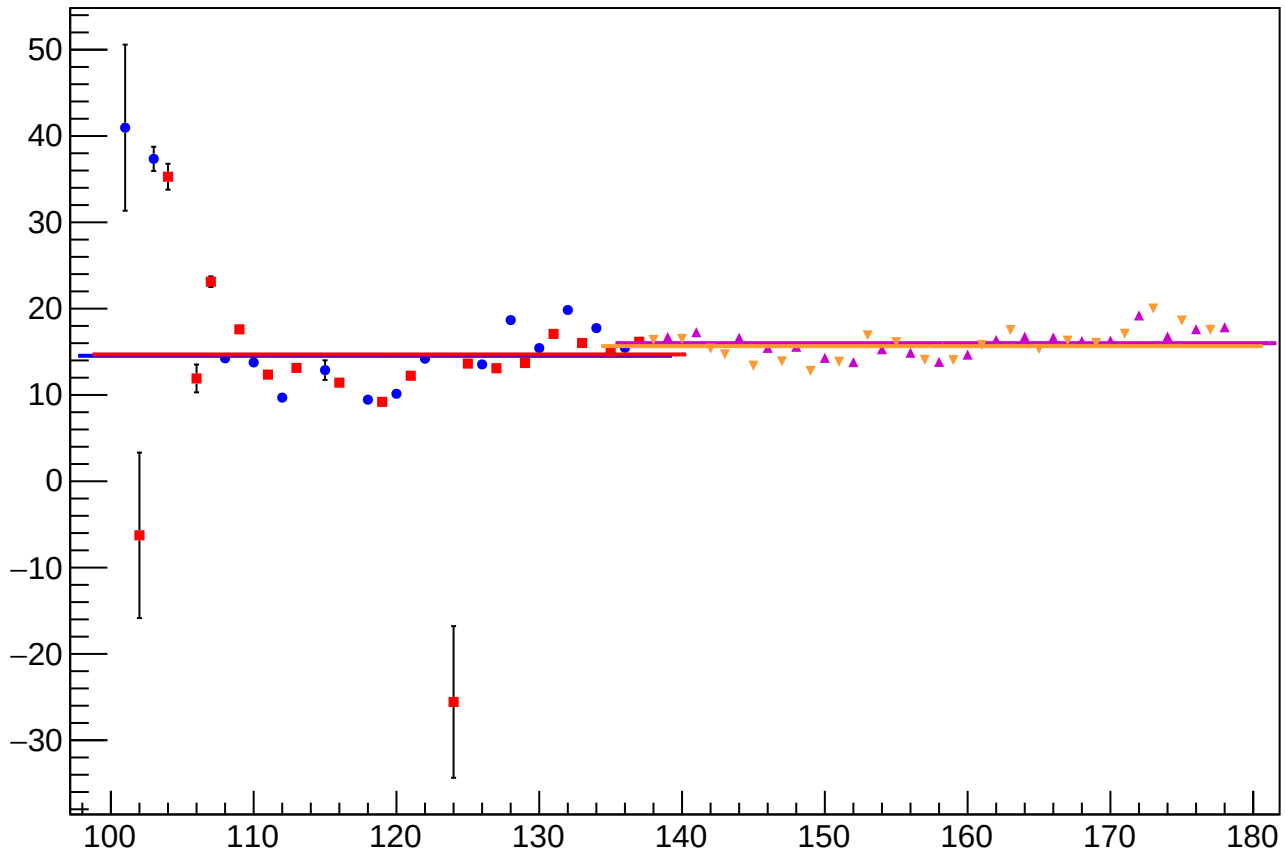
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.895 ± 0.014 $\chi^2/\text{NDF}: 374205.6/34$

Out: -18.711 ± 0.013 $\chi^2/\text{NDF}: 284717.5/38$

All: -19.781 ± 0.010 $\chi^2/\text{NDF}: 671876.5/73$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.657+/-0.015 χ^2/NDF :10398.4/20

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.001+/-0.013 χ^2/NDF :10788.3/19

Left: 15.845+/-0.010 χ^2/NDF : 21490.4/40

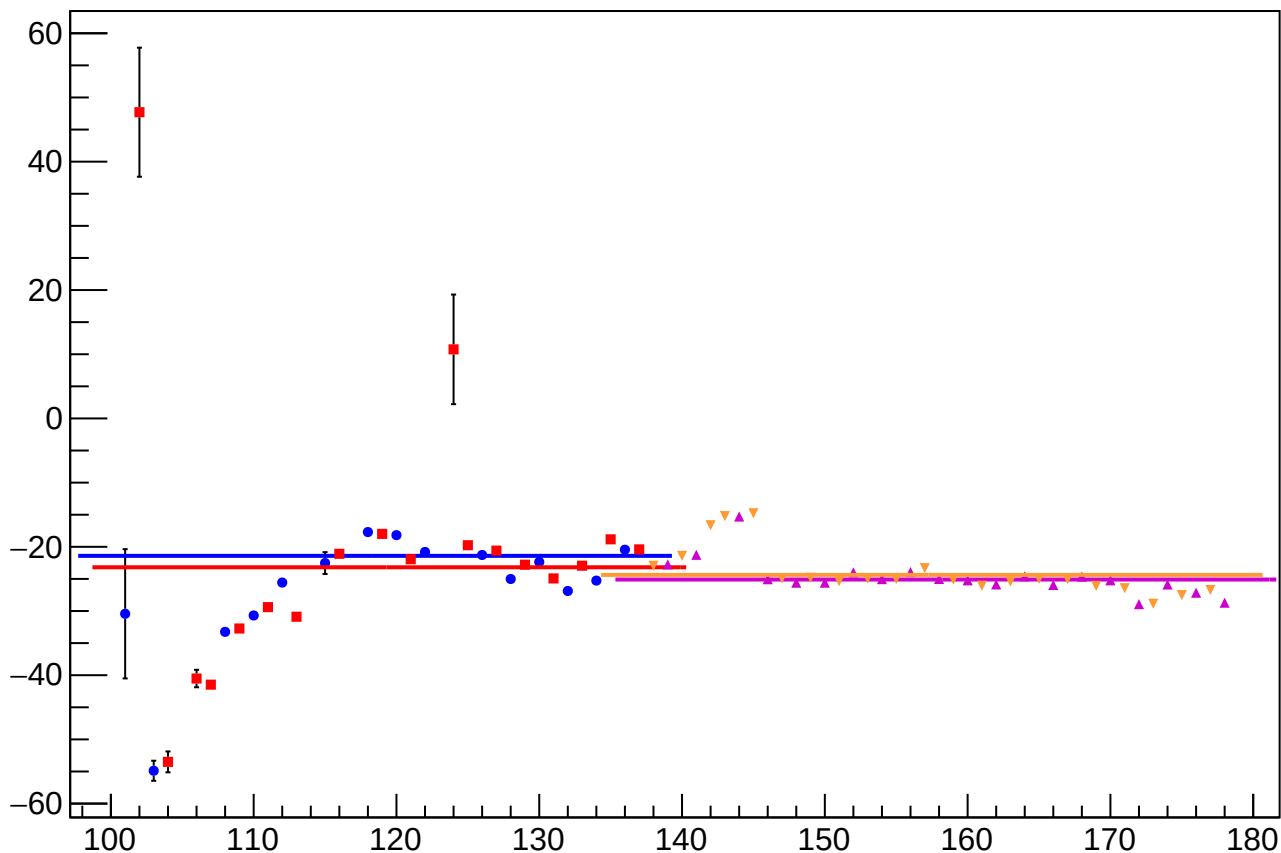
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.758+/-0.012 χ^2/NDF :24867.2/34

Out: 15.559+/-0.014 χ^2/NDF :12470.2/38

All: 15.672+/-0.009 χ^2/NDF : 37454.4/73

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.373 ± 0.017 $\chi^2/\text{NDF}: 40988.6/20$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.097 ± 0.017 $\chi^2/\text{NDF}: 14046.3/19$

Left: -24.731 ± 0.012 $\chi^2/\text{NDF}: 55953.8/40$

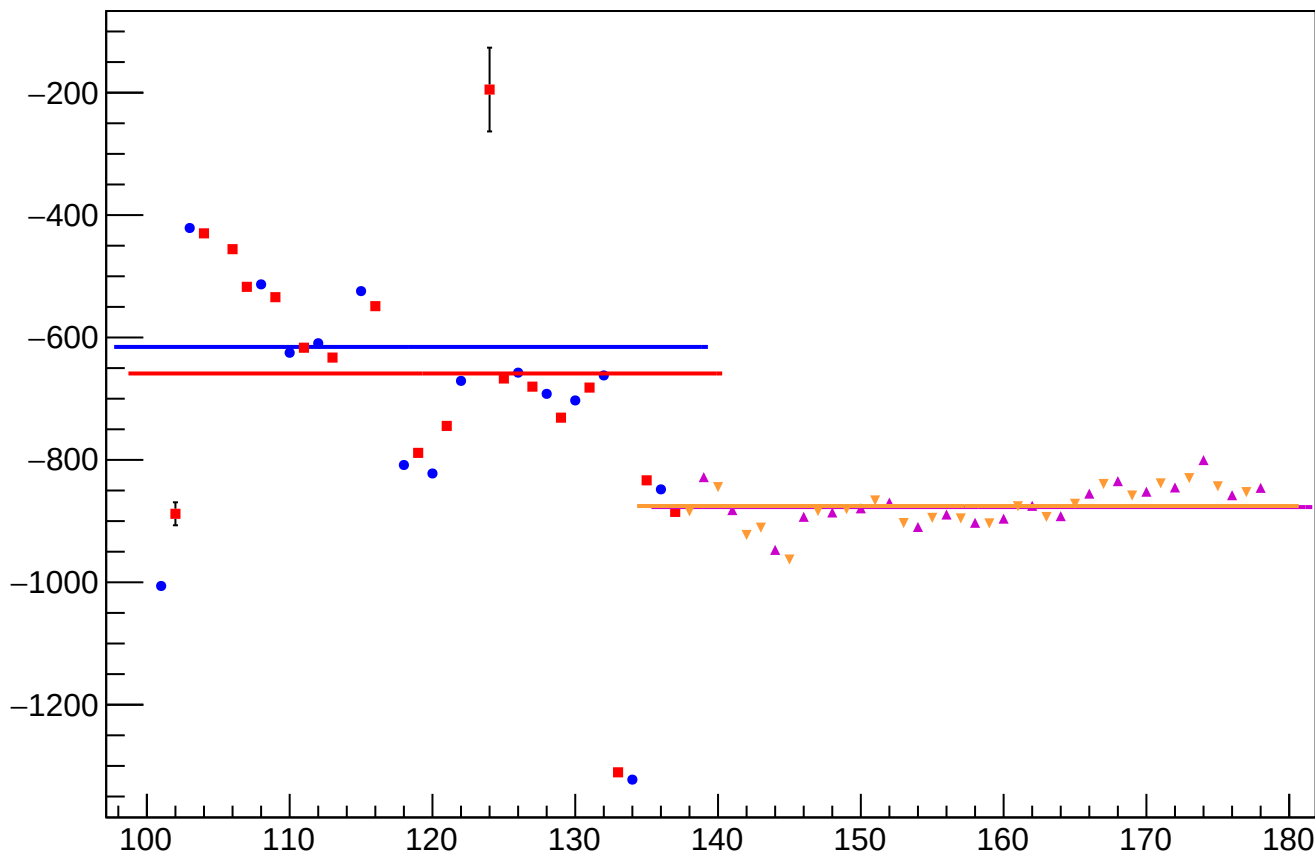
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.413 ± 0.015 $\chi^2/\text{NDF}: 32503.0/34$

Out: -24.257 ± 0.016 $\chi^2/\text{NDF}: 50601.7/38$

All: -24.338 ± 0.011 $\chi^2/\text{NDF}: 83154.6/73$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -875.321+/-0.136 χ^2/NDF : 41333.1/20

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -877.064+/-0.128 χ^2/NDF : 48684.8/19

Left: -876.246+/-0.093 χ^2/NDF : 90104.5/40

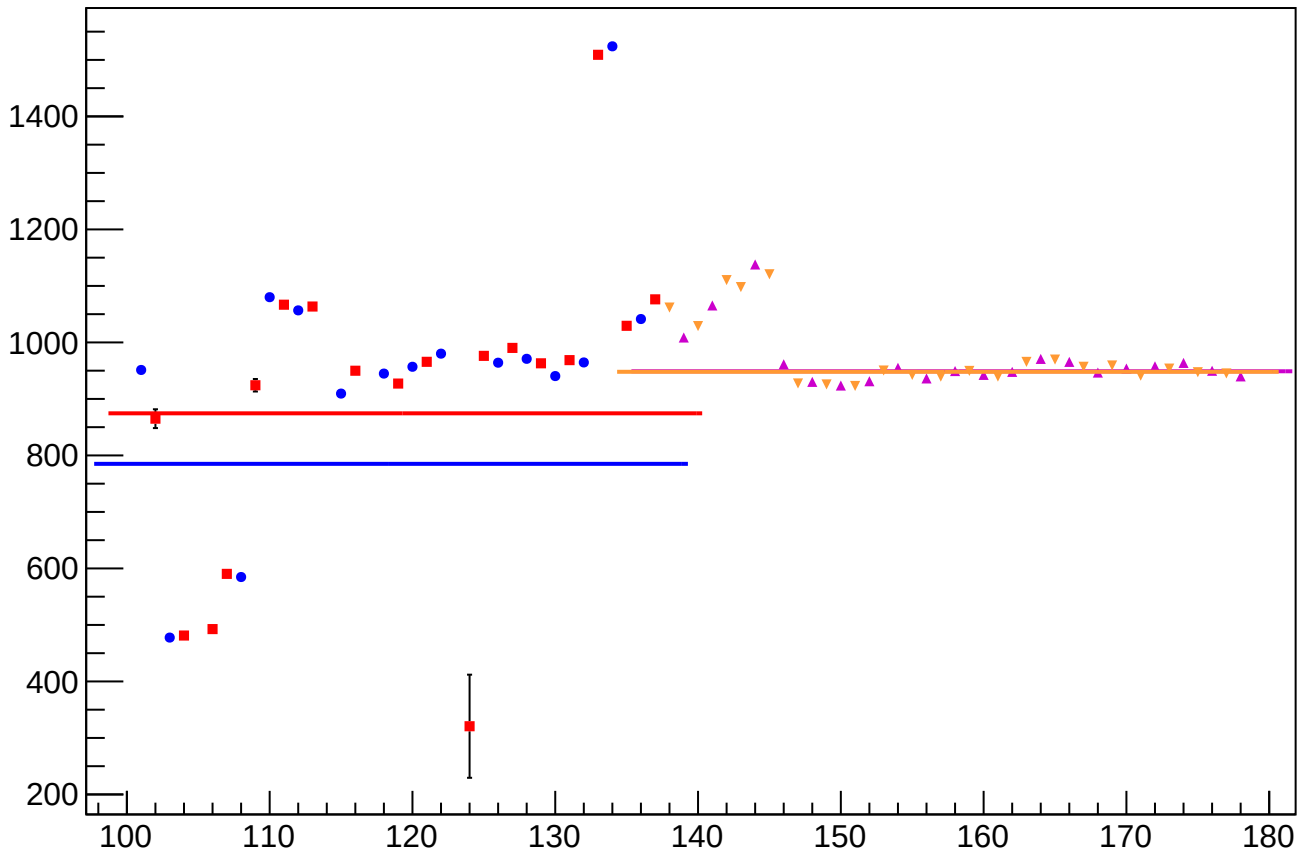
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -817.980+/-0.113 χ^2/NDF : 1370292.2/34

Out: -827.487+/-0.120 χ^2/NDF : 982701.2/38

All: -822.426+/-0.082 χ^2/NDF : 2356309.1/73

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.021 $\pm$ 0.107 χ^2/NDF : 71882.6/20

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.939 $\pm$ 0.106 χ^2/NDF : 76708.2/19

Left: 948.482 $\pm$ 0.075 χ^2/NDF : 148627.8/40

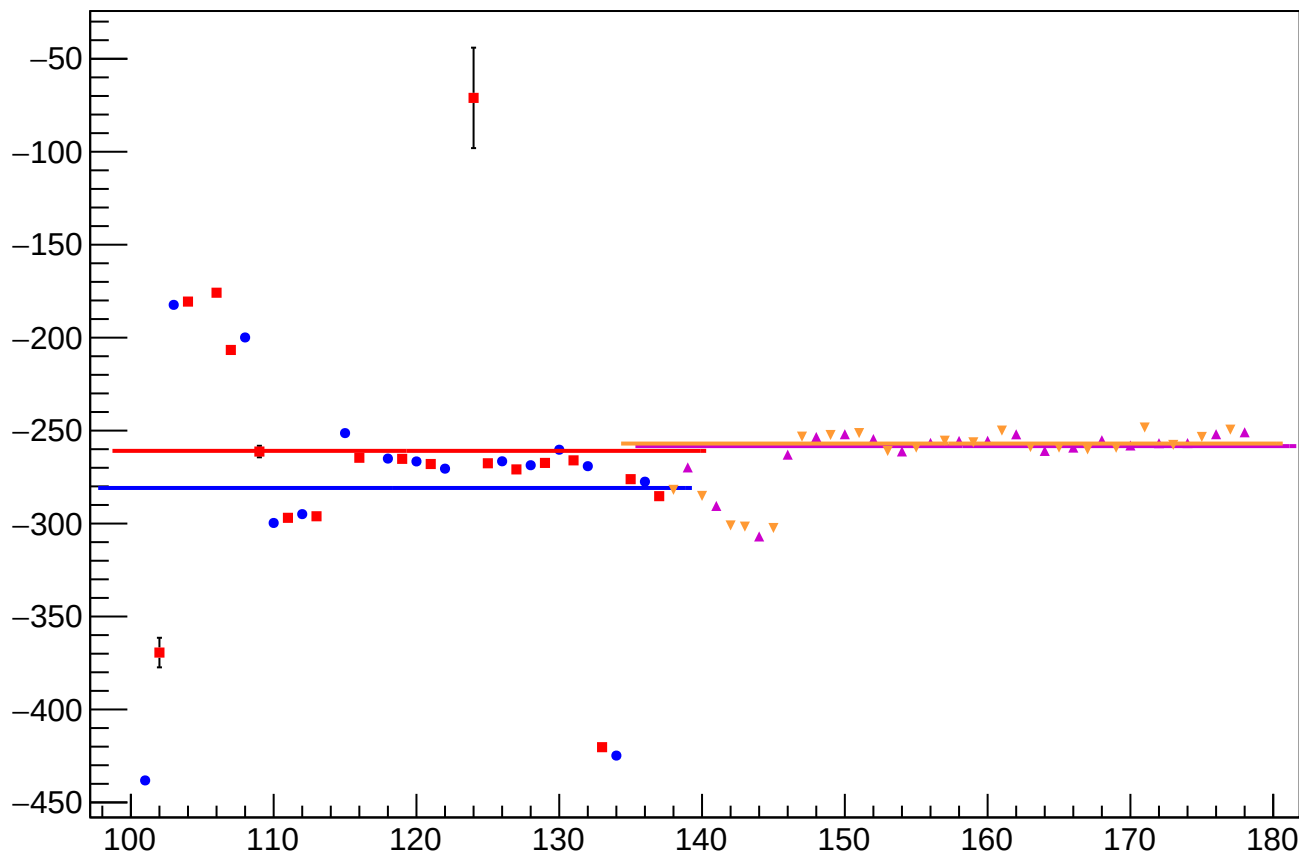
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 919.636 $\pm$ 0.096 χ^2/NDF : 1386760.3/34

Out: 937.498 $\pm$ 0.099 χ^2/NDF : 982273.2/38

All: 928.346 $\pm$ 0.069 χ^2/NDF : 2385761.6/73

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.967 ± 0.020 $\chi^2/\text{NDF}: 181448.1/20$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.343 ± 0.019 $\chi^2/\text{NDF}: 200106.6/19$

Left: -257.677 ± 0.014 $\chi^2/\text{NDF}: 383987.0/40$

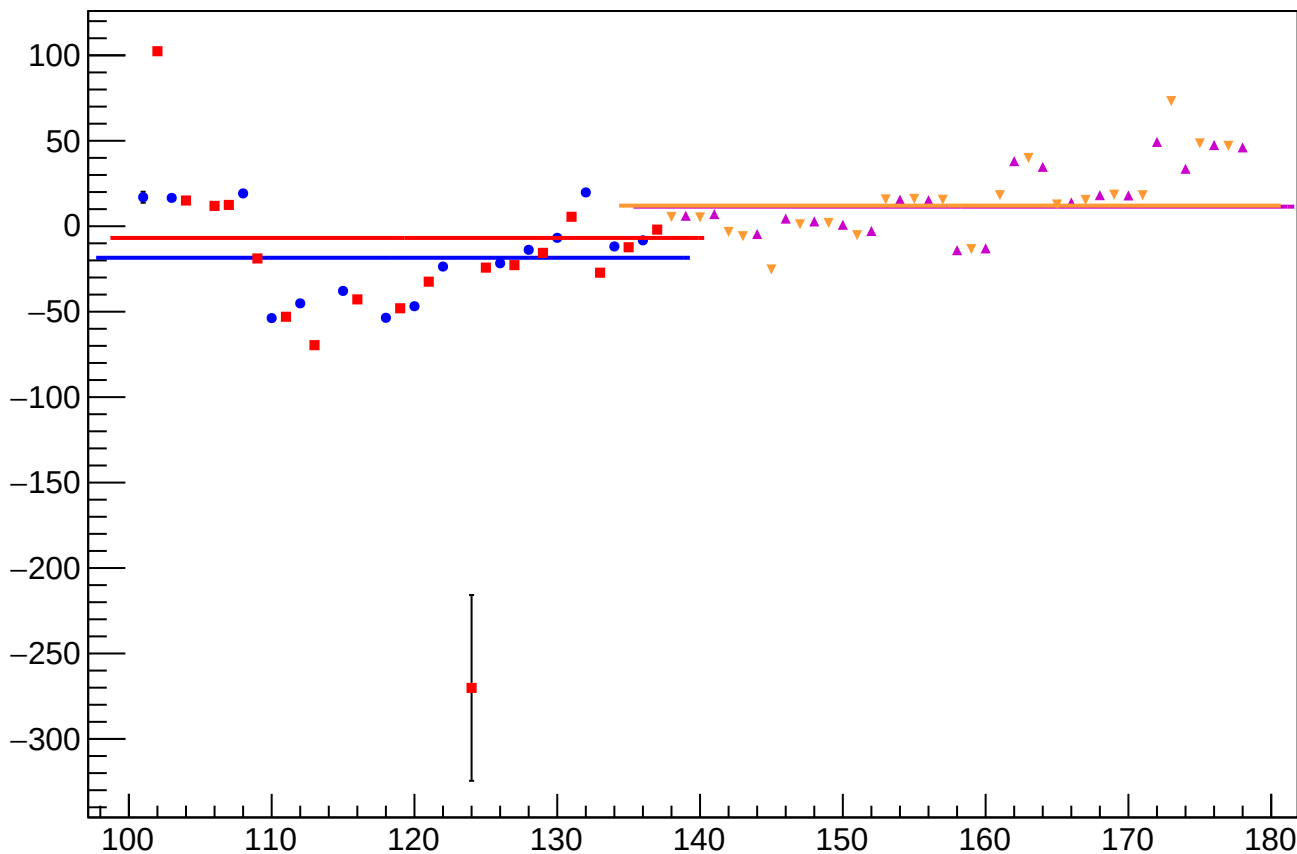
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -260.573 ± 0.018 $\chi^2/\text{NDF}: 1207003.5/34$

Out: -257.285 ± 0.019 $\chi^2/\text{NDF}: 532275.5/38$

All: -258.998 ± 0.013 $\chi^2/\text{NDF}: 1754535.8/73$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 12.054 ± 0.020 $\chi^2/\text{NDF}: 572860.2/20$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 11.453 ± 0.019 $\chi^2/\text{NDF}: 823023.2/19$

Left: 11.735 ± 0.014 $\chi^2/\text{NDF}: 1396343.0/40$

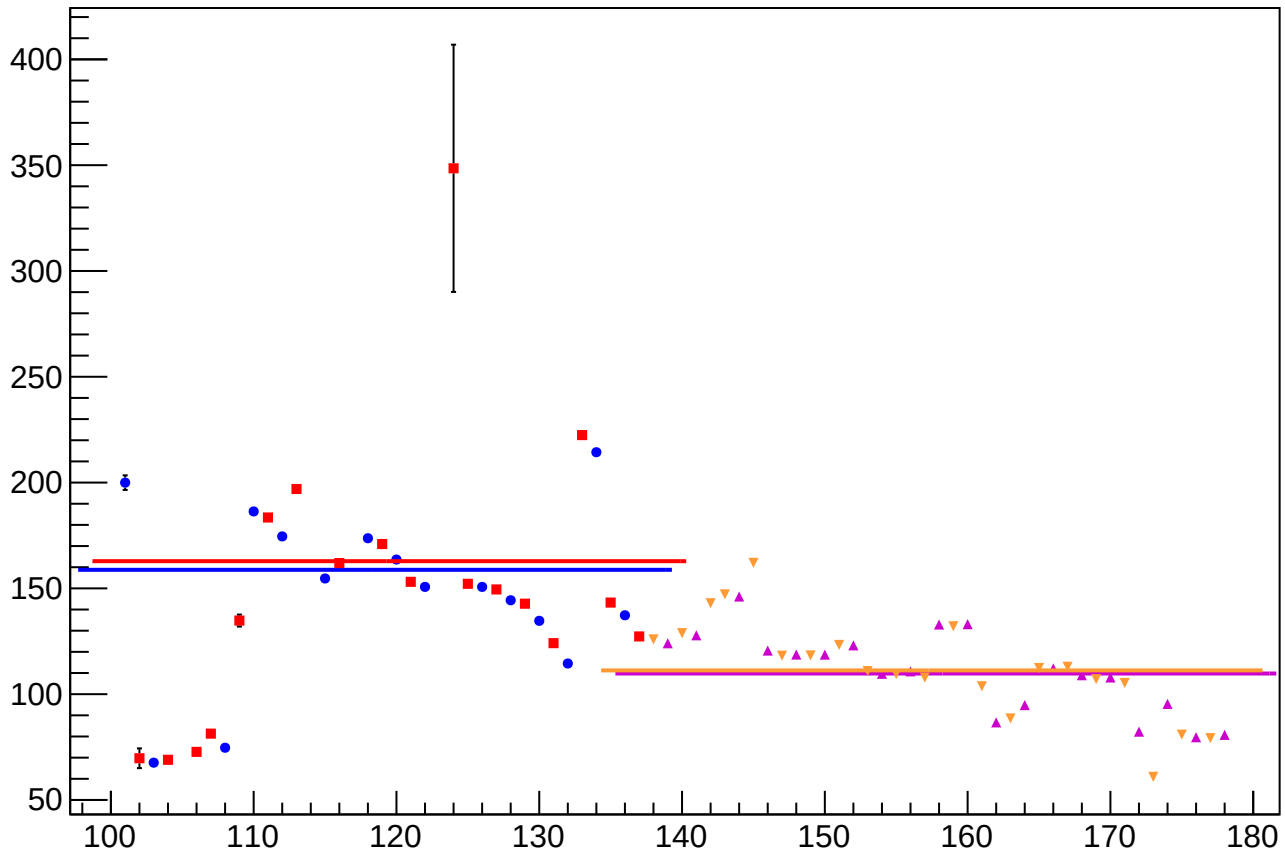
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 10.184 ± 0.019 $\chi^2/\text{NDF}: 972393.5/34$

Out: 10.333 ± 0.019 $\chi^2/\text{NDF}: 700724.6/38$

All: 10.256 ± 0.014 $\chi^2/\text{NDF}: 1673148.5/73$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 111.235 $\pm$ 0.024 χ^2 /NDF: 398202.5/20

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 109.762 $\pm$ 0.021 χ^2 /NDF: 581694.2/19

Left: 110.381 $\pm$ 0.016 χ^2 /NDF: 982064.9/40

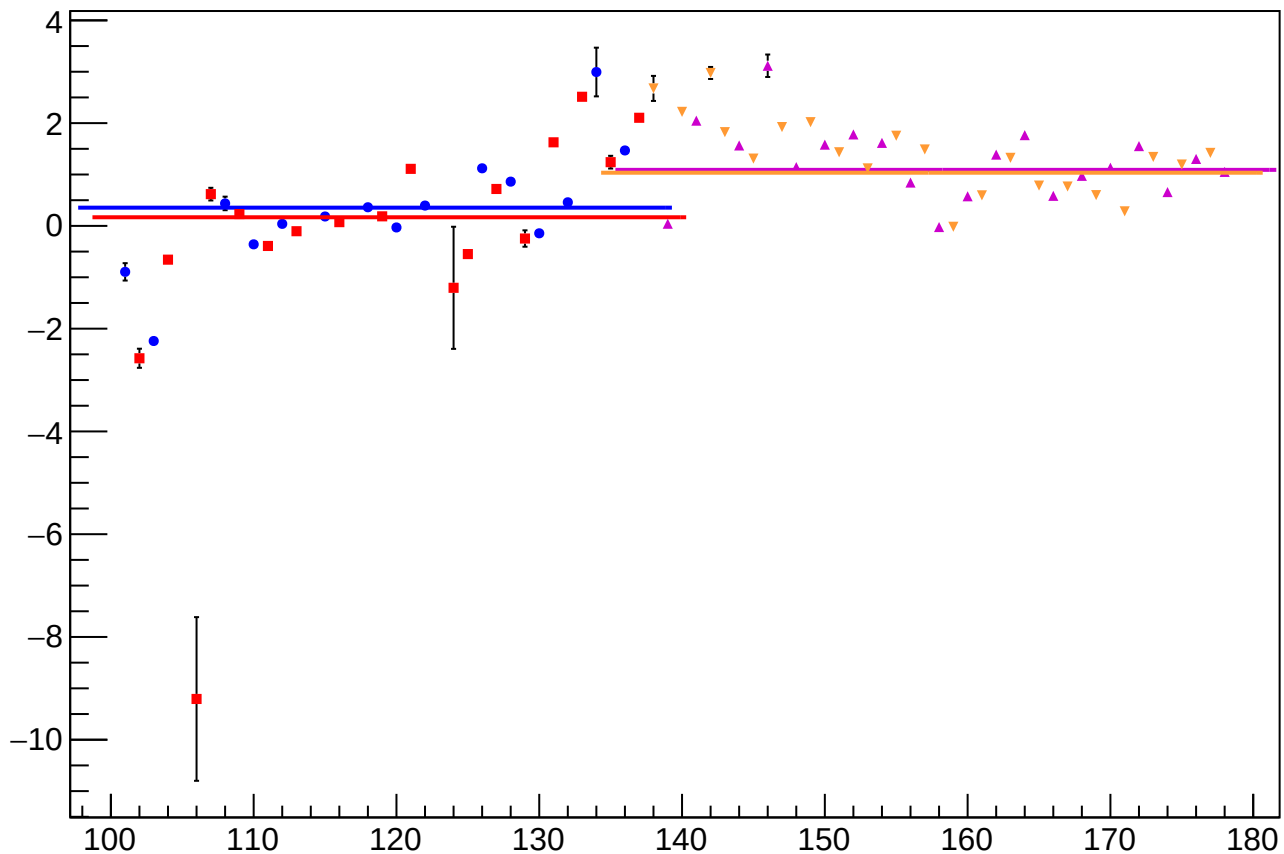
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 112.272 $\pm$ 0.020 χ^2 /NDF: 1032943.4/34

Out: 114.464 $\pm$ 0.023 χ^2 /NDF: 841553.9/38

All: 113.200 $\pm$ 0.015 χ^2 /NDF: 1879589.5/73

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.035 ± 0.008 χ^2/NDF : 6057.7/20

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.091 ± 0.007 χ^2/NDF : 7022.8/19

Left: 1.066 ± 0.005 χ^2/NDF : 13110.0/40

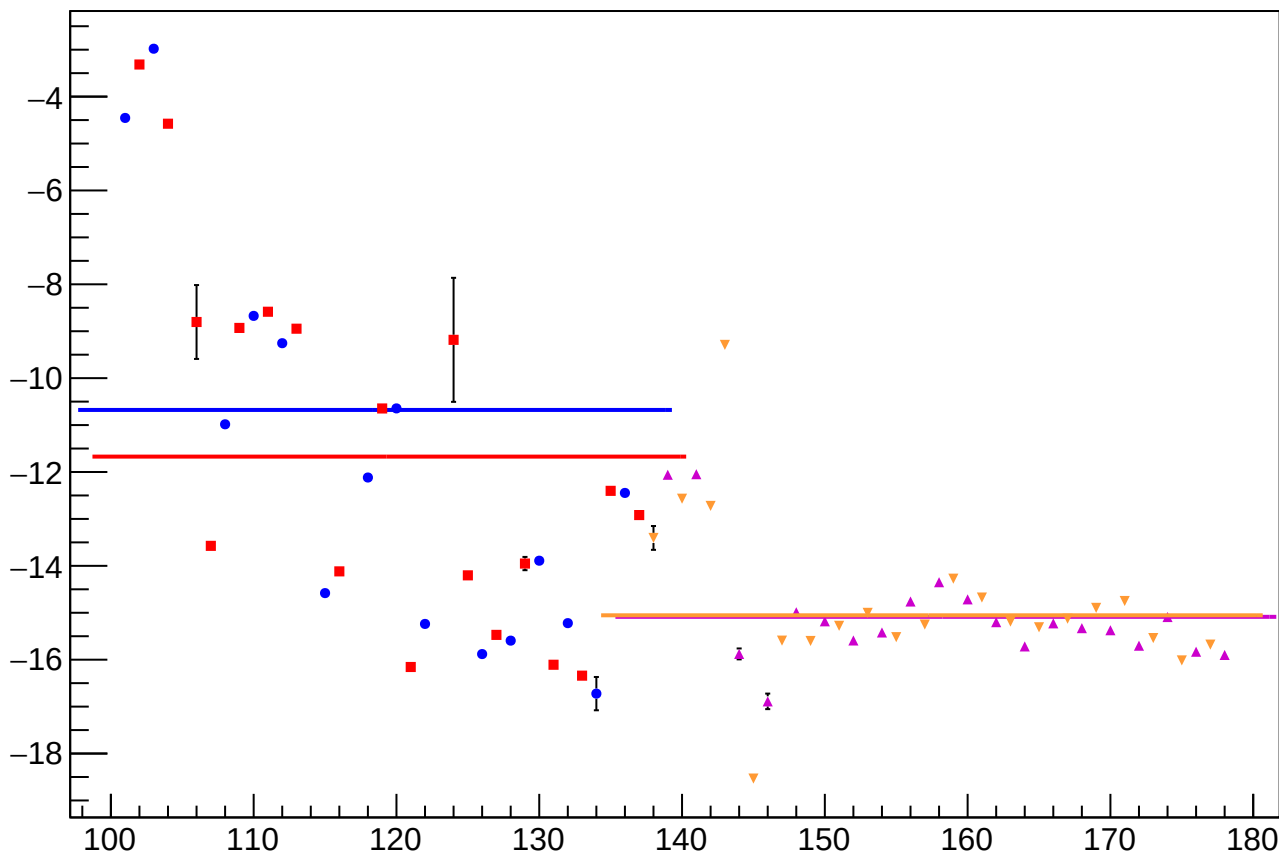
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.906 ± 0.006 χ^2/NDF : 13963.6/34

Out: 0.598 ± 0.005 χ^2/NDF : 17029.2/38

All: 0.739 ± 0.004 χ^2/NDF : 32468.2/73

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.054 ± 0.006 $\chi^2/\text{NDF}: 35431.7/20$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.087 ± 0.006 $\chi^2/\text{NDF}: 14126.2/19$

Left: -15.071 ± 0.004 $\chi^2/\text{NDF}: 49571.8/40$

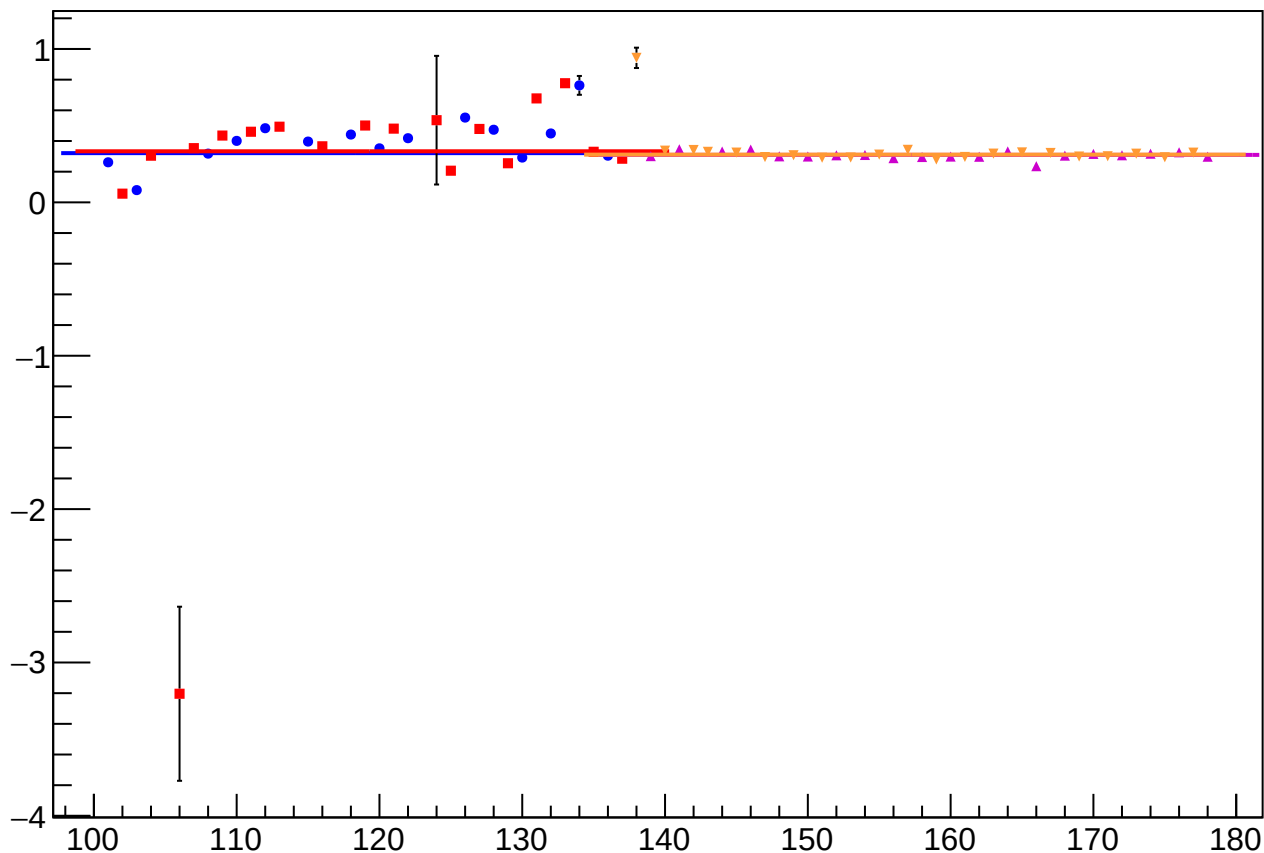
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.946 ± 0.005 $\chi^2/\text{NDF}: 377313.3/34$

Out: -14.294 ± 0.006 $\chi^2/\text{NDF}: 208708.7/38$

All: -14.111 ± 0.004 $\chi^2/\text{NDF}: 588114.3/73$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5107.0/20

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2989.9/19

Left: 0.310+/-0.000 χ^2/NDF : 8123.2/40

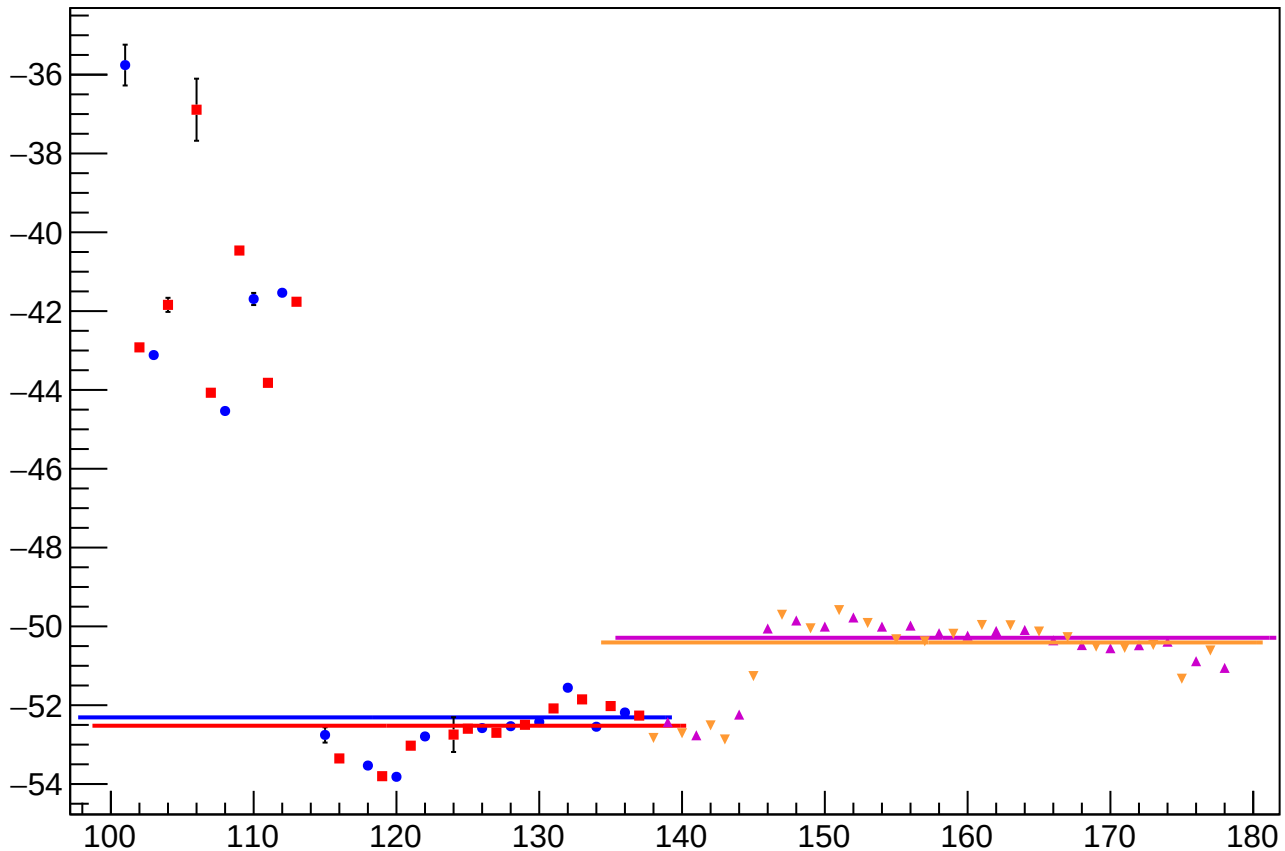
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7148.4/34

Out: 0.312+/-0.000 χ^2/NDF : 9572.3/38

All: 0.311+/-0.000 χ^2/NDF : 16749.1/73

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.408 $\pm$ 0.002 χ^2 /NDF: 231476.0/20

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.289 $\pm$ 0.001 χ^2 /NDF: 167509.5/19

Left: -50.339 $\pm$ 0.001 χ^2 /NDF: 402484.3/40

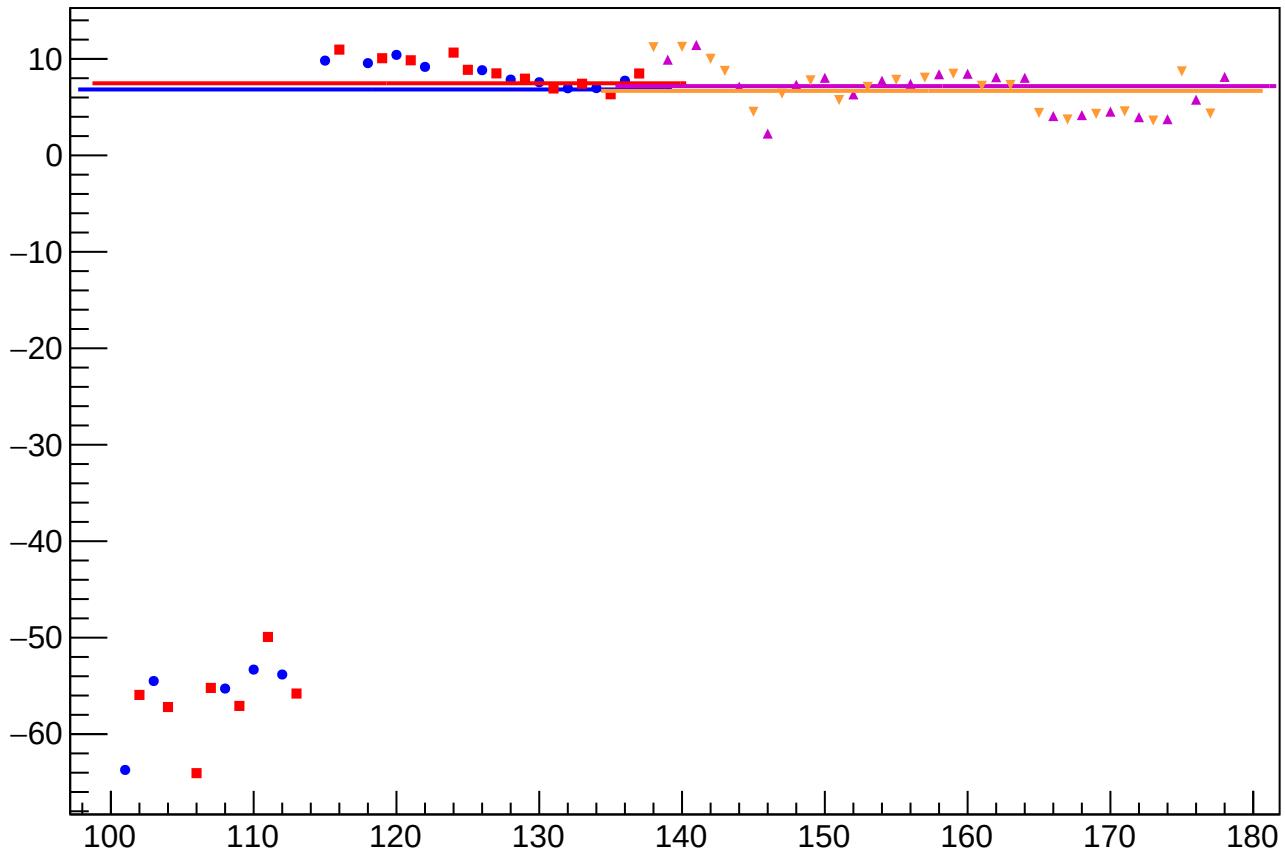
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.451 $\pm$ 0.001 χ^2 /NDF: 413571.0/34

Out: -50.616 $\pm$ 0.001 χ^2 /NDF: 497860.8/38

All: -50.522 $\pm$ 0.001 χ^2 /NDF: 918880.9/73

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.688 ± 0.004 $\chi^2/\text{NDF}: 319099.1/20$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.181 ± 0.003 $\chi^2/\text{NDF}: 197463.0/19$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 525844.8/40$

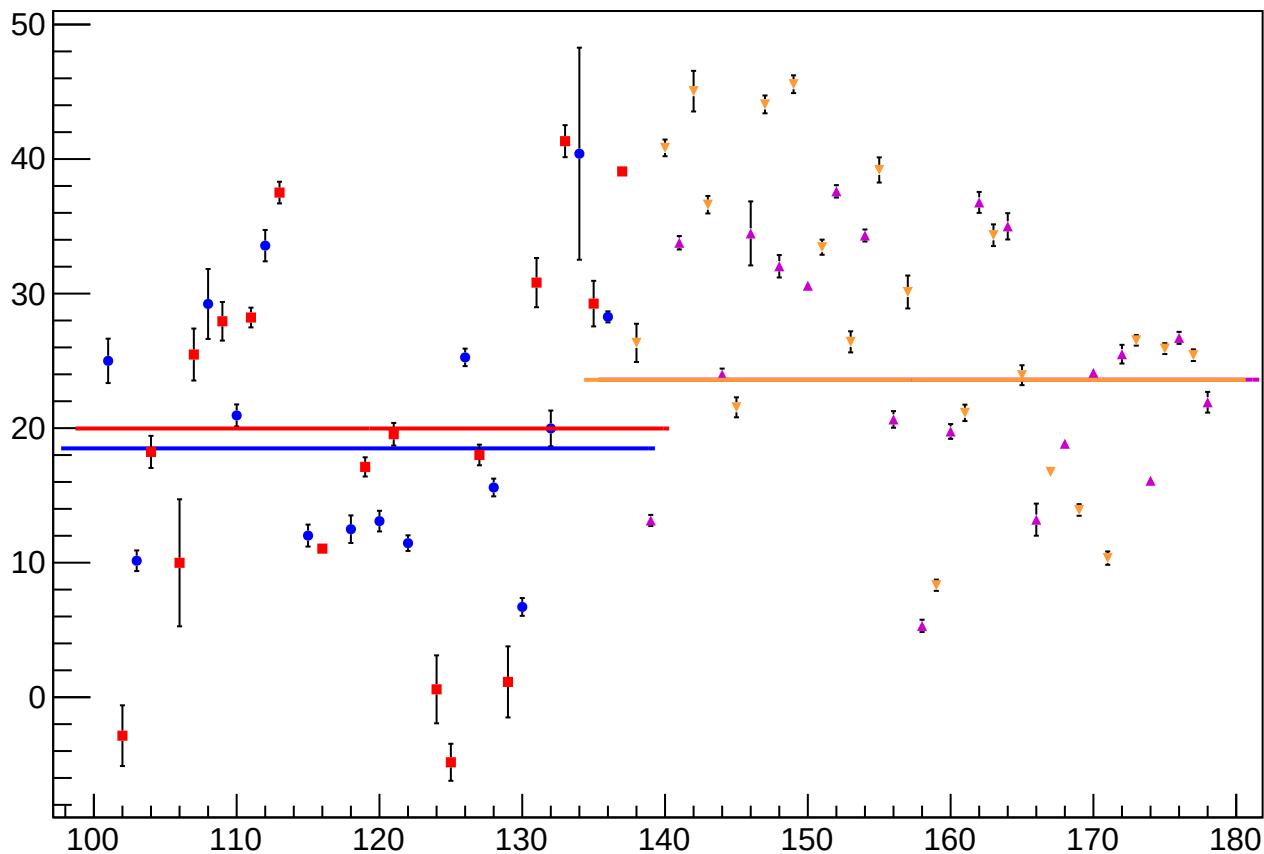
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.069 ± 0.003 $\chi^2/\text{NDF}: 1191226.2/34$

Out: 6.798 ± 0.003 $\chi^2/\text{NDF}: 1520752.8/38$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2715608.3/73$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 23.591 ± 0.118 $\chi^2/\text{NDF}: 7592.3/20$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.603 ± 0.105 $\chi^2/\text{NDF}: 6167.6/19$

Left: 23.598 ± 0.078 $\chi^2/\text{NDF}: 13760.0/40$

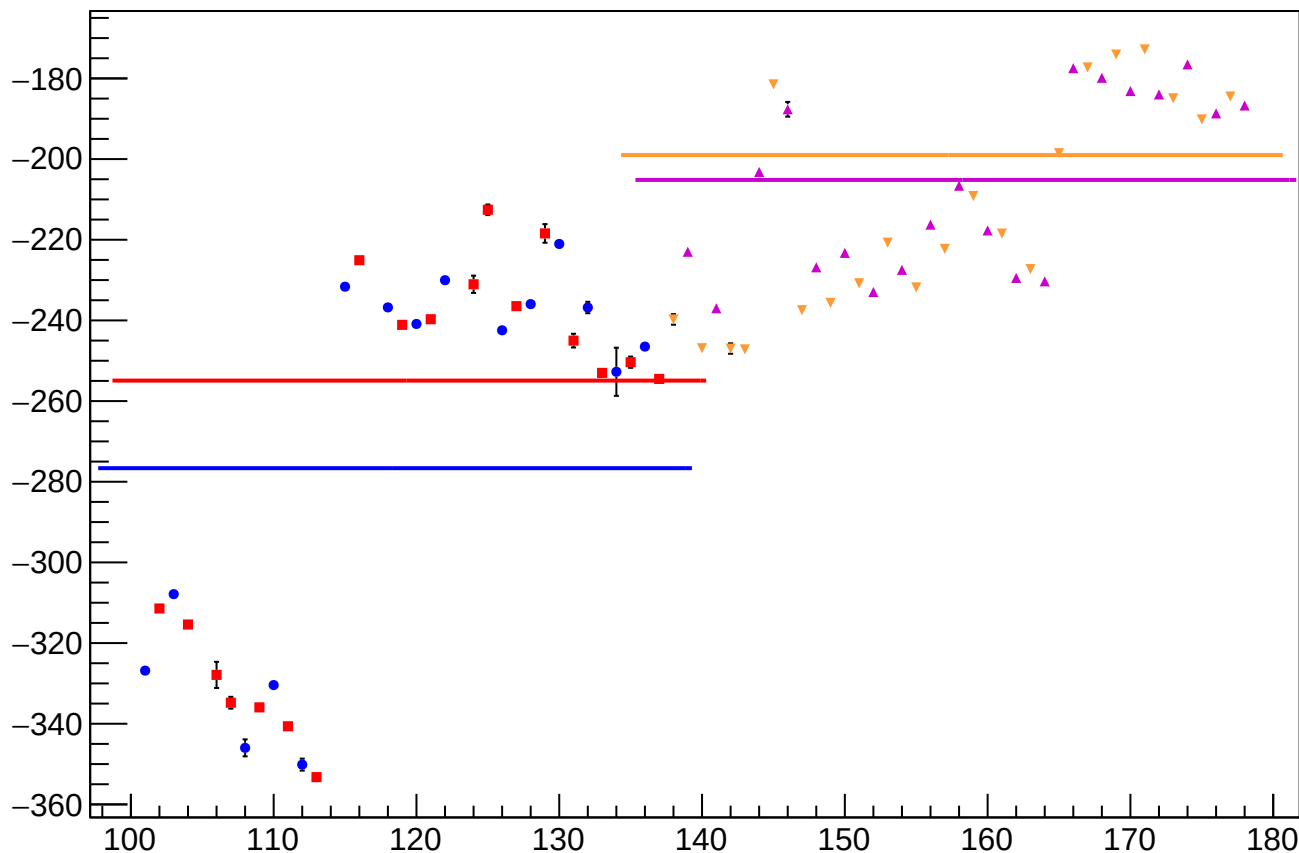
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.503 ± 0.093 $\chi^2/\text{NDF}: 8315.6/34$

Out: 21.965 ± 0.087 $\chi^2/\text{NDF}: 17218.7/38$

All: 22.217 ± 0.064 $\chi^2/\text{NDF}: 25552.1/73$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -199.015 ± 0.098 $\chi^2/\text{NDF}: 64498.1/20$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -205.167 ± 0.092 $\chi^2/\text{NDF}: 56181.8/19$

Left: -202.271 ± 0.067 $\chi^2/\text{NDF}: 122779.0/40$

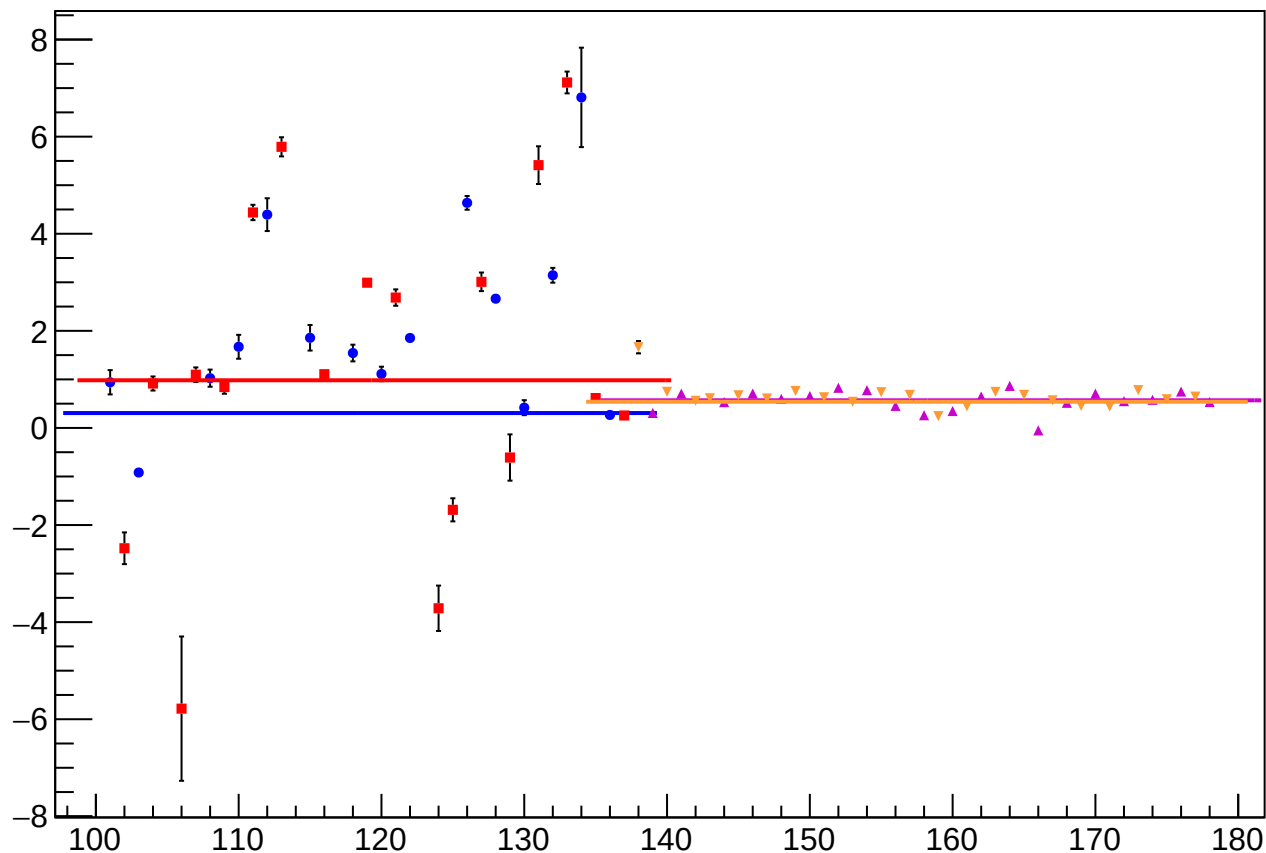
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -225.213 ± 0.078 $\chi^2/\text{NDF}: 302125.8/34$

Out: -235.515 ± 0.058 $\chi^2/\text{NDF}: 350286.1/38$

All: -231.892 ± 0.046 $\chi^2/\text{NDF}: 663680.8/73$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Left: 0.557 $\pm$ 0.001 χ^2/NDF : 25643.0/40

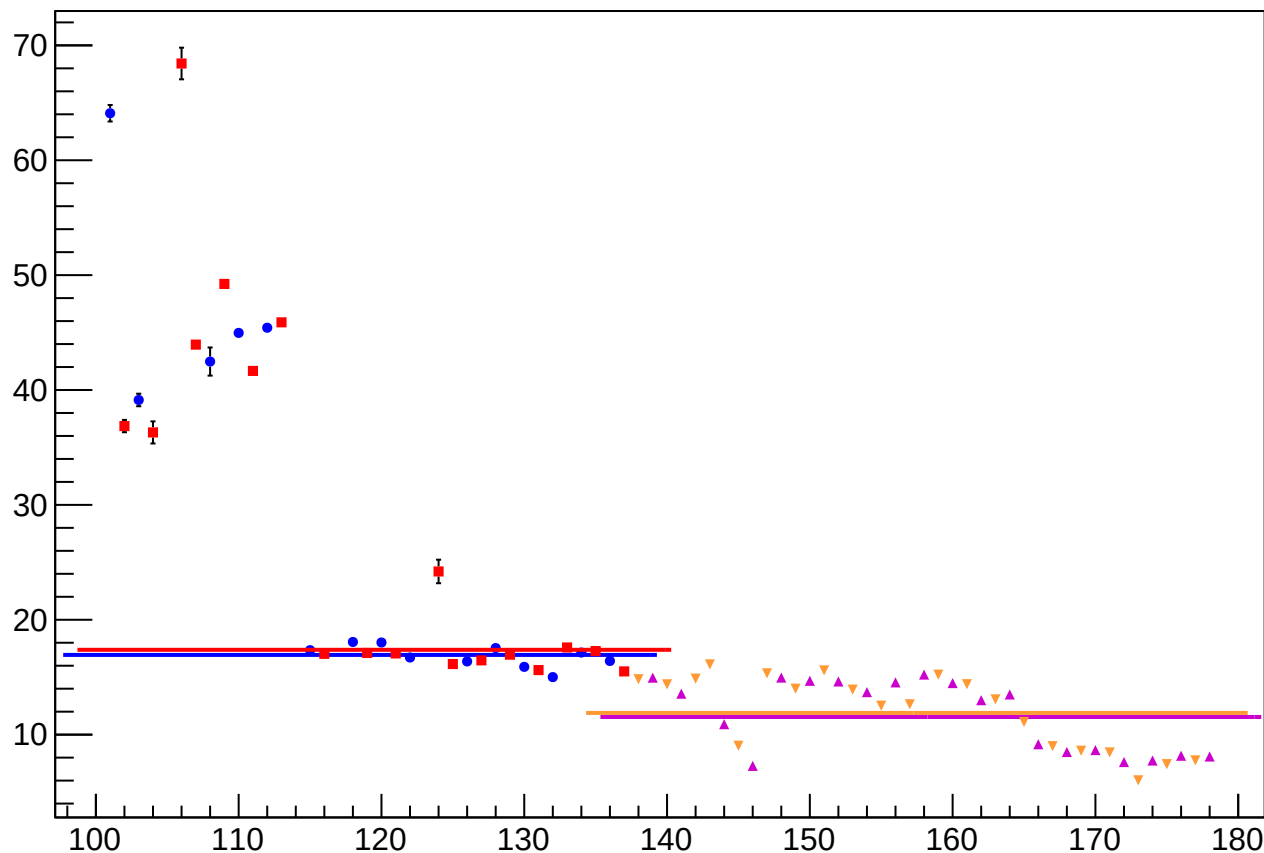
Right: 0.421 $\pm$ 0.006 χ^2/NDF : 7919.2/32

In: 0.555 $\pm$ 0.002 χ^2/NDF : 19918.6/34

Out: 0.547 $\pm$ 0.002 χ^2/NDF : 14114.4/38

All: 0.552 $\pm$ 0.001 χ^2/NDF : 34045.1/73

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 11.891+/-0.008 χ^2/NDF : 202596.2/20

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 11.536+/-0.007 χ^2/NDF : 195114.6/19

Left: 11.703+/-0.005 χ^2/NDF : 398898.9/40

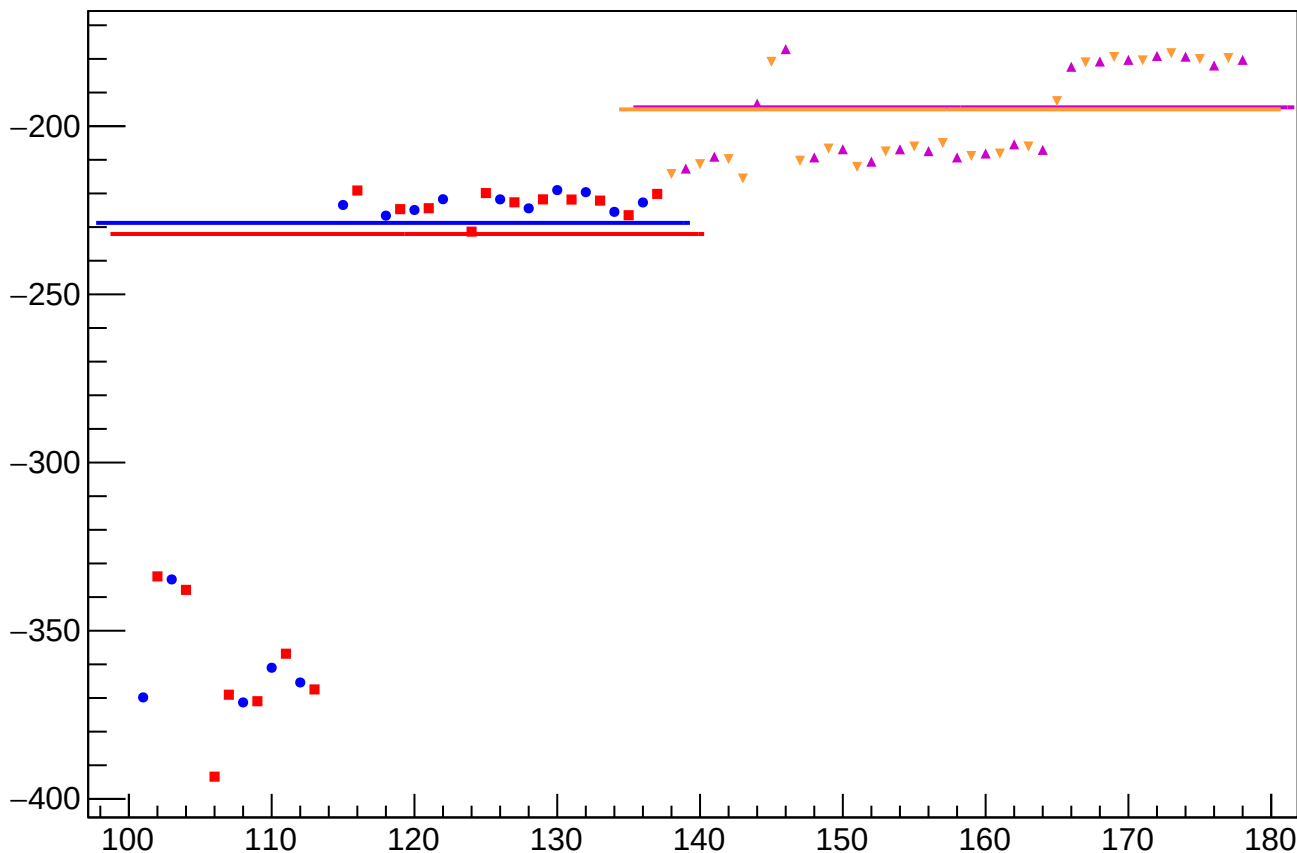
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 12.788+/-0.006 χ^2/NDF : 359658.0/34

Out: 12.737+/-0.007 χ^2/NDF : 346263.0/38

All: 12.765+/-0.005 χ^2/NDF : 705951.4/73

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -195.004 ± 0.014 $\chi^2/\text{NDF}: 1134289.4/20$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -194.397 ± 0.013 $\chi^2/\text{NDF}: 1217581.6/19$

Left: -194.673 ± 0.009 $\chi^2/\text{NDF}: 2352919.3/40$

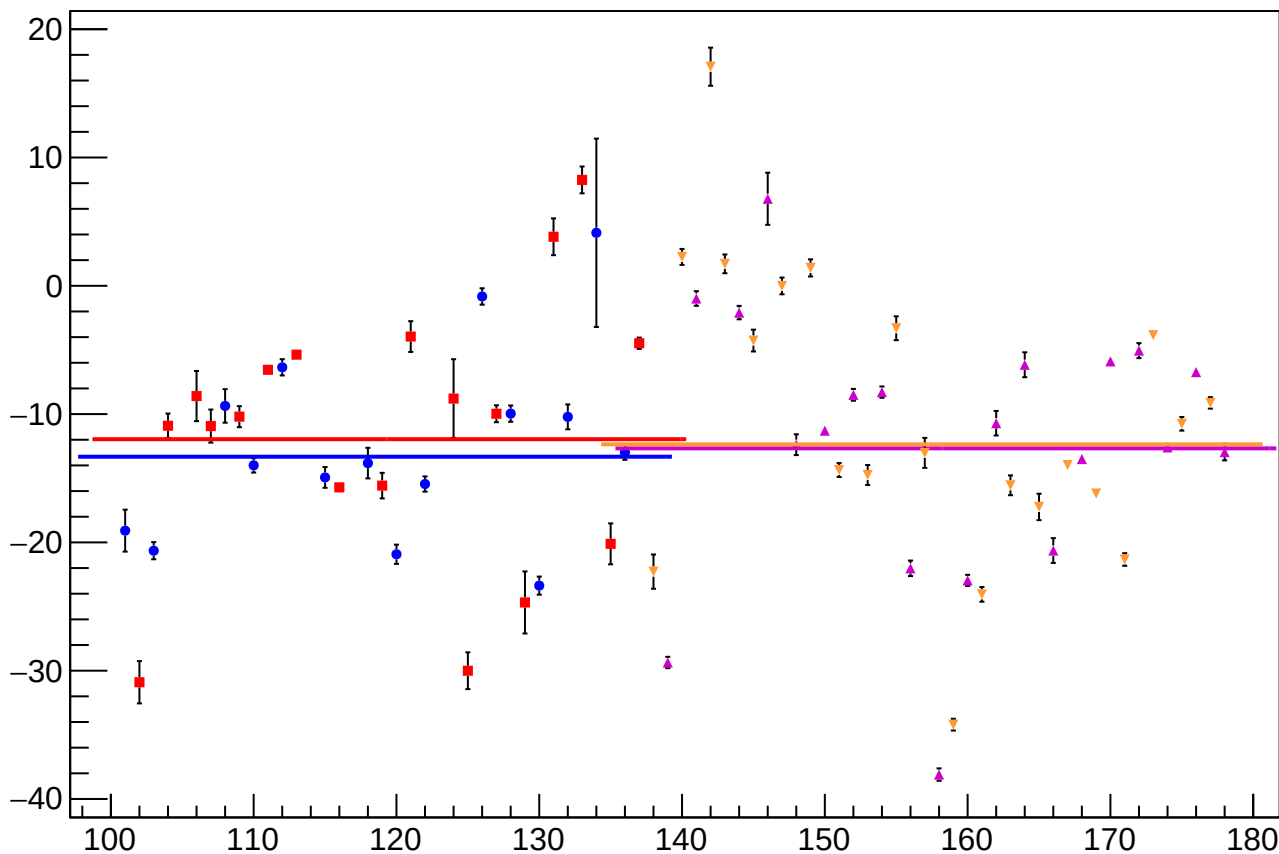
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -198.426 ± 0.012 $\chi^2/\text{NDF}: 2741037.6/34$

Out: -198.738 ± 0.013 $\chi^2/\text{NDF}: 2649608.5/38$

All: -198.566 ± 0.009 $\chi^2/\text{NDF}: 5390957.1/73$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14

Left Out: -12.357+/-0.121 χ^2/NDF : 6185.2/20

Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17

Left In: -12.670+/-0.105 χ^2/NDF : 7184.7/19

Left: -12.535+/-0.079 χ^2/NDF : 13373.7/40

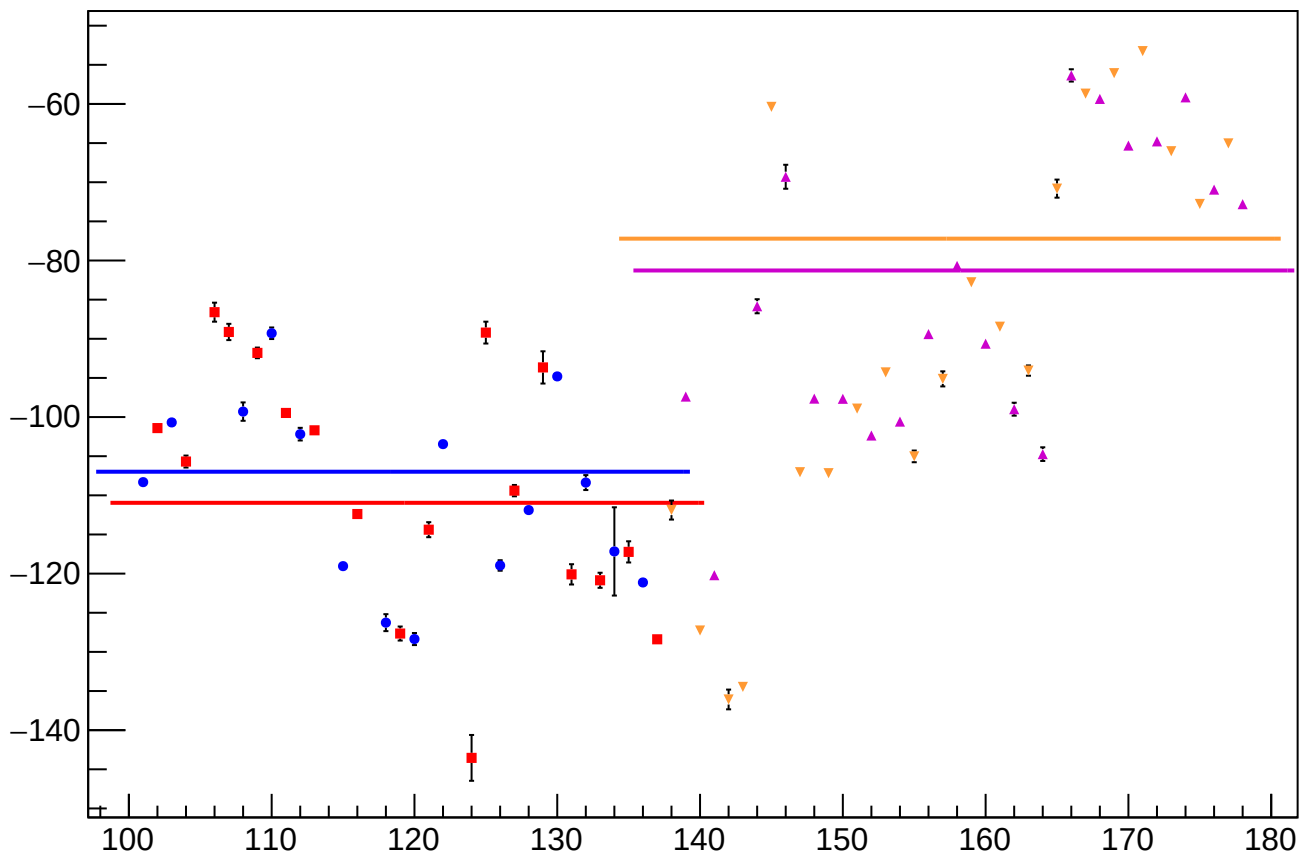
Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32

In: -12.818+/-0.092 χ^2/NDF : 8206.4/34

Out: -12.143+/-0.082 χ^2/NDF : 8678.2/38

All: -12.442+/-0.061 χ^2/NDF : 16914.5/73

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -77.207 ± 0.098 $\chi^2/\text{NDF}: 53016.2/20$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.274 ± 0.090 $\chi^2/\text{NDF}: 41834.7/19$

Left: -79.407 ± 0.066 $\chi^2/\text{NDF}: 95780.6/40$

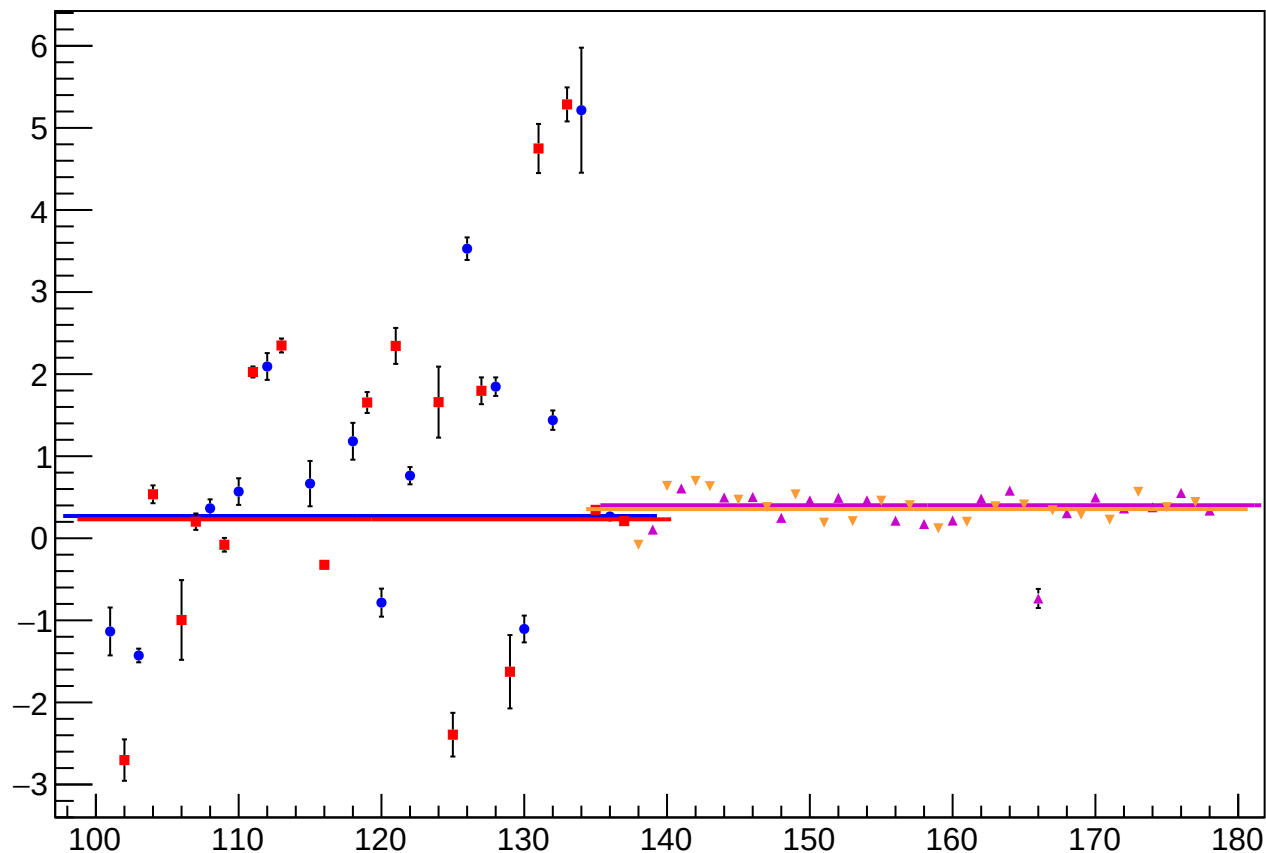
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -91.629 ± 0.070 $\chi^2/\text{NDF}: 79101.4/34$

Out: -103.956 ± 0.045 $\chi^2/\text{NDF}: 157481.0/38$

All: -100.375 ± 0.038 $\chi^2/\text{NDF}: 258693.0/73$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.355 ± 0.002 $\chi^2/\text{NDF}: 9081.9/20$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.402 ± 0.002 $\chi^2/\text{NDF}: 9508.9/19$

Left: 0.382 ± 0.001 $\chi^2/\text{NDF}: 18983.5/40$

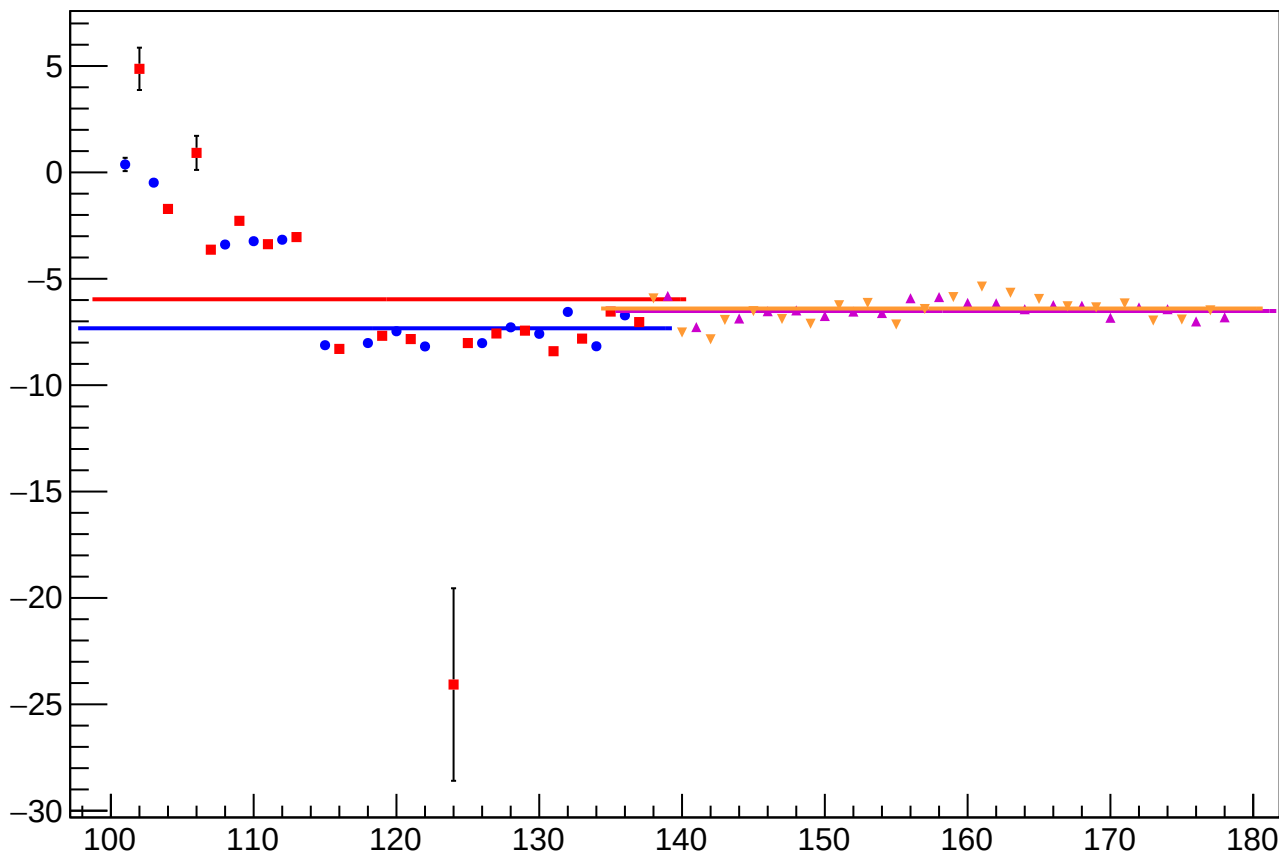
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.392 ± 0.001 $\chi^2/\text{NDF}: 11680.2/34$

Out: 0.338 ± 0.002 $\chi^2/\text{NDF}: 12674.0/38$

All: 0.368 ± 0.001 $\chi^2/\text{NDF}: 24950.7/73$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.398+/-0.005 χ^2/NDF : 6526.0/20

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.514+/-0.005 χ^2/NDF : 6737.6/19

Left: -6.460+/-0.003 χ^2/NDF : 13554.4/40

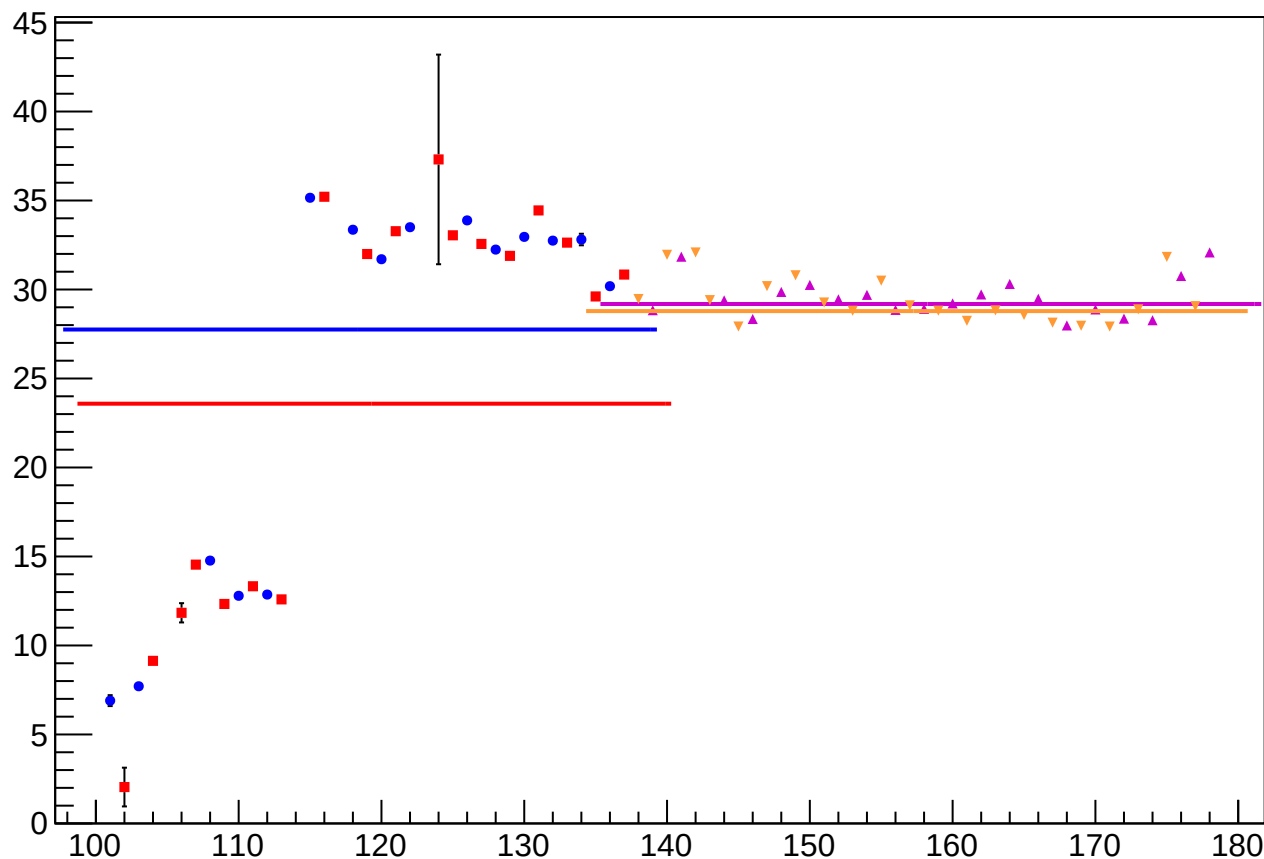
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.708+/-0.004 χ^2/NDF : 44389.3/34

Out: -6.291+/-0.004 χ^2/NDF : 80177.3/38

All: -6.512+/-0.003 χ^2/NDF : 129444.2/73

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 28.787 $\pm$ 0.009 χ^2/NDF : 14290.1/20

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.185 $\pm$ 0.009 χ^2/NDF : 8438.2/19

Left: 28.992 $\pm$ 0.006 χ^2/NDF : 23776.4/40

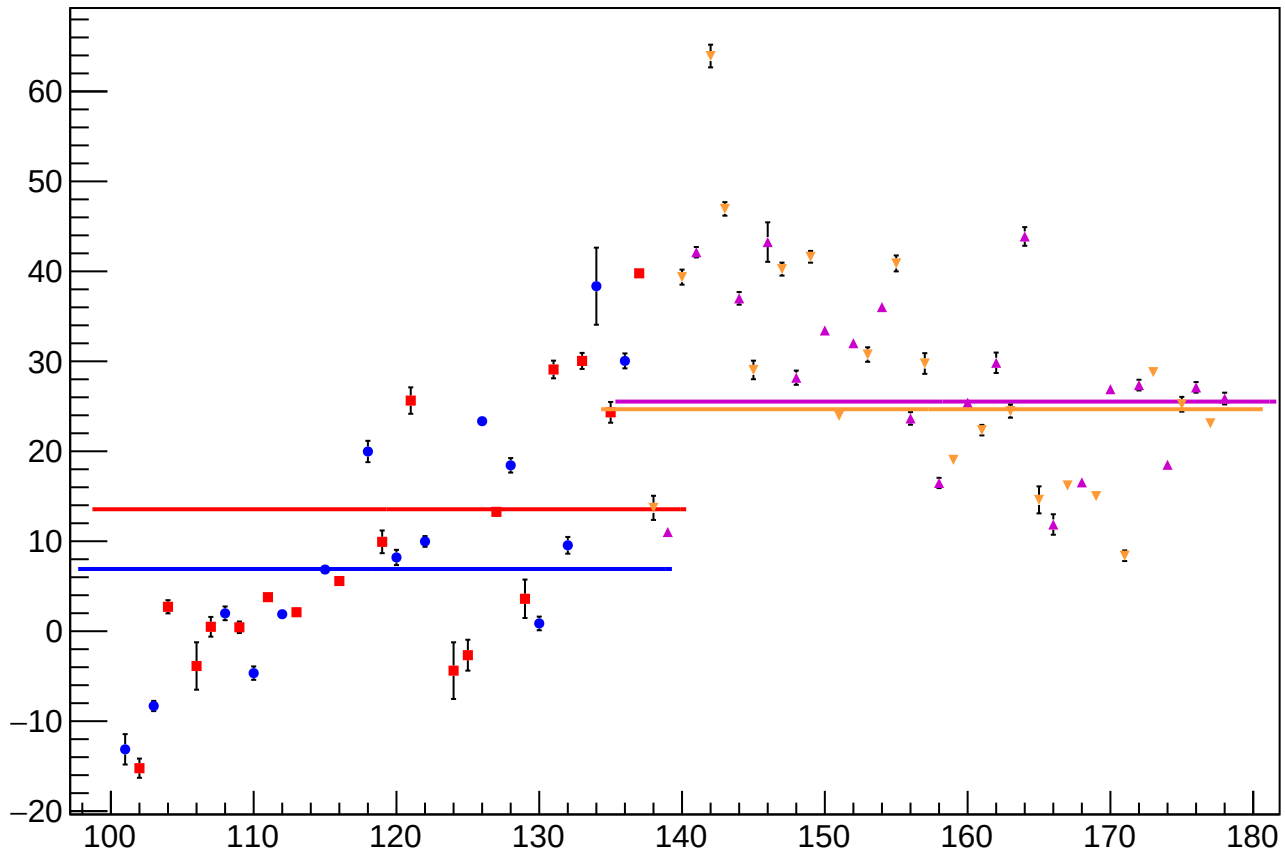
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.834 $\pm$ 0.007 χ^2/NDF : 348221.4/34

Out: 27.265 $\pm$ 0.007 χ^2/NDF : 655711.9/38

All: 28.046 $\pm$ 0.005 χ^2/NDF : 1026199.9/73

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14

Left Out: 24.673 $\pm$ 0.135 χ^2/NDF : 5977.3/20

Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17

Left In: 25.525 $\pm$ 0.116 χ^2/NDF : 5820.1/19

Left: 25.162 $\pm$ 0.088 χ^2/NDF : 11820.1/40

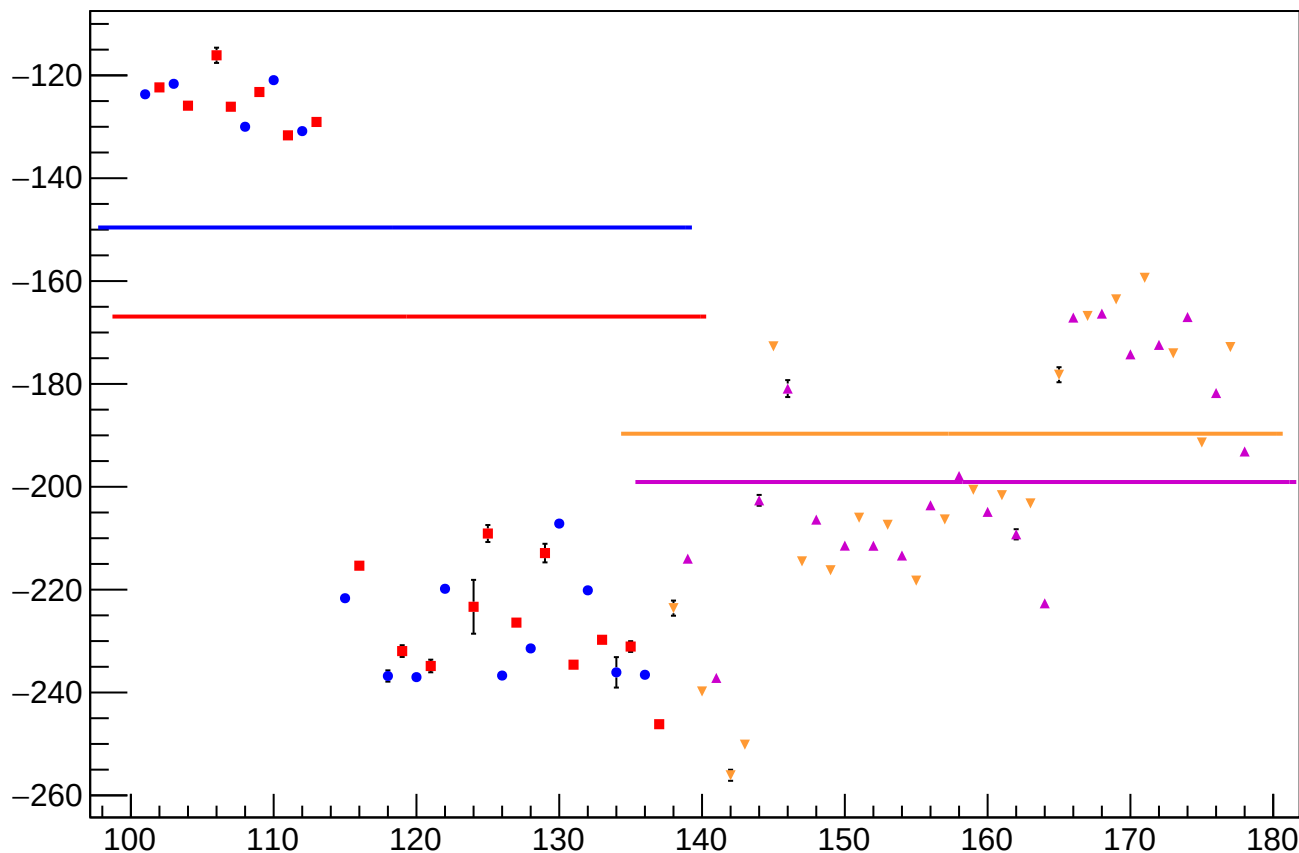
Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32

In: 19.885 $\pm$ 0.097 χ^2/NDF : 17065.6/34

Out: 19.514 $\pm$ 0.099 χ^2/NDF : 20781.2/38

All: 19.702 $\pm$ 0.069 χ^2/NDF : 37853.9/73

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -189.679 ± 0.111 $\chi^2/\text{NDF}: 49264.5/20$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -199.072 ± 0.101 $\chi^2/\text{NDF}: 39924.6/19$

Left: -194.795 ± 0.075 $\chi^2/\text{NDF}: 93112.9/40$

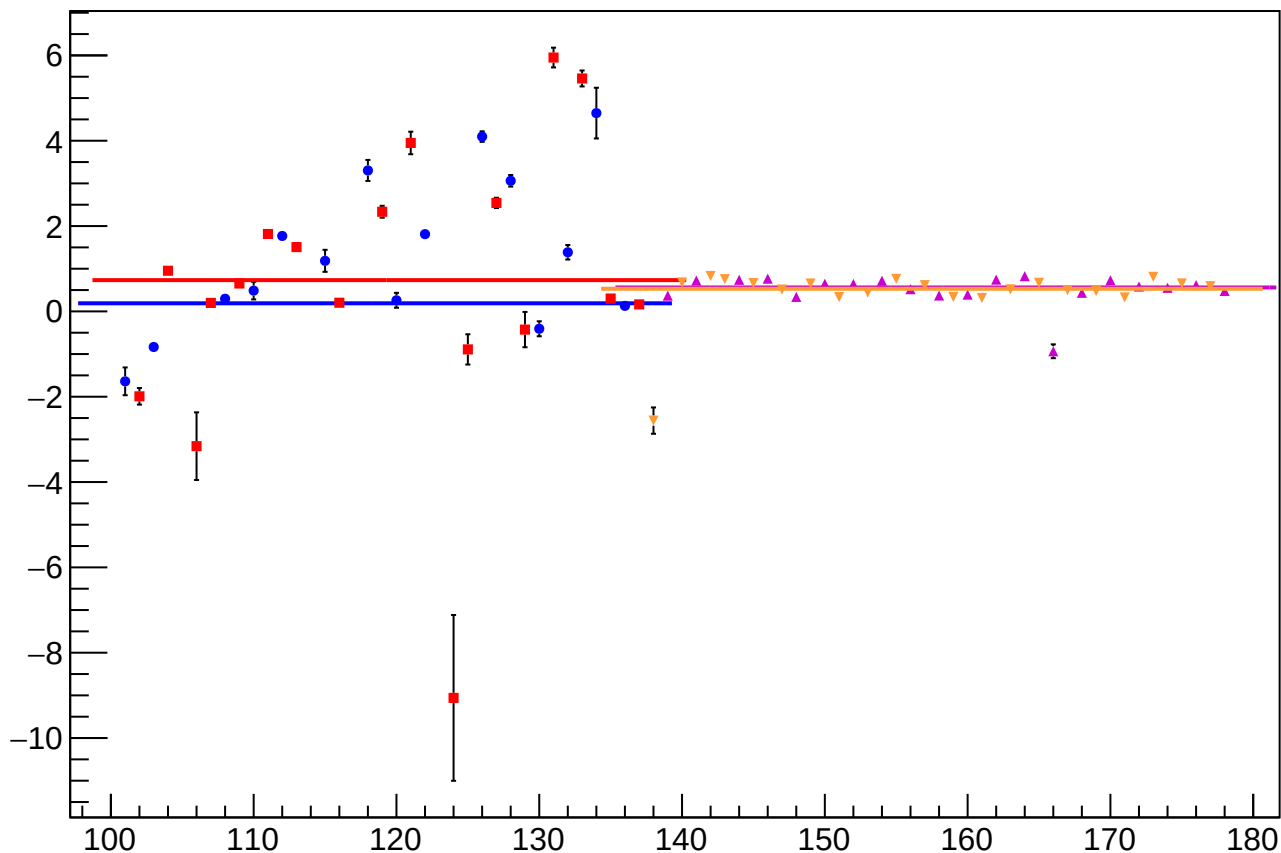
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.247 ± 0.071 $\chi^2/\text{NDF}: 354997.6/34$

Out: -177.205 ± 0.074 $\chi^2/\text{NDF}: 367958.0/38$

All: -175.666 ± 0.052 $\chi^2/\text{NDF}: 723777.6/73$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.531 ± 0.002 $\chi^2/\text{NDF}: 8093.9/20$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.561 ± 0.002 $\chi^2/\text{NDF}: 5373.2/19$

Left: 0.547 ± 0.001 $\chi^2/\text{NDF}: 13573.2/40$

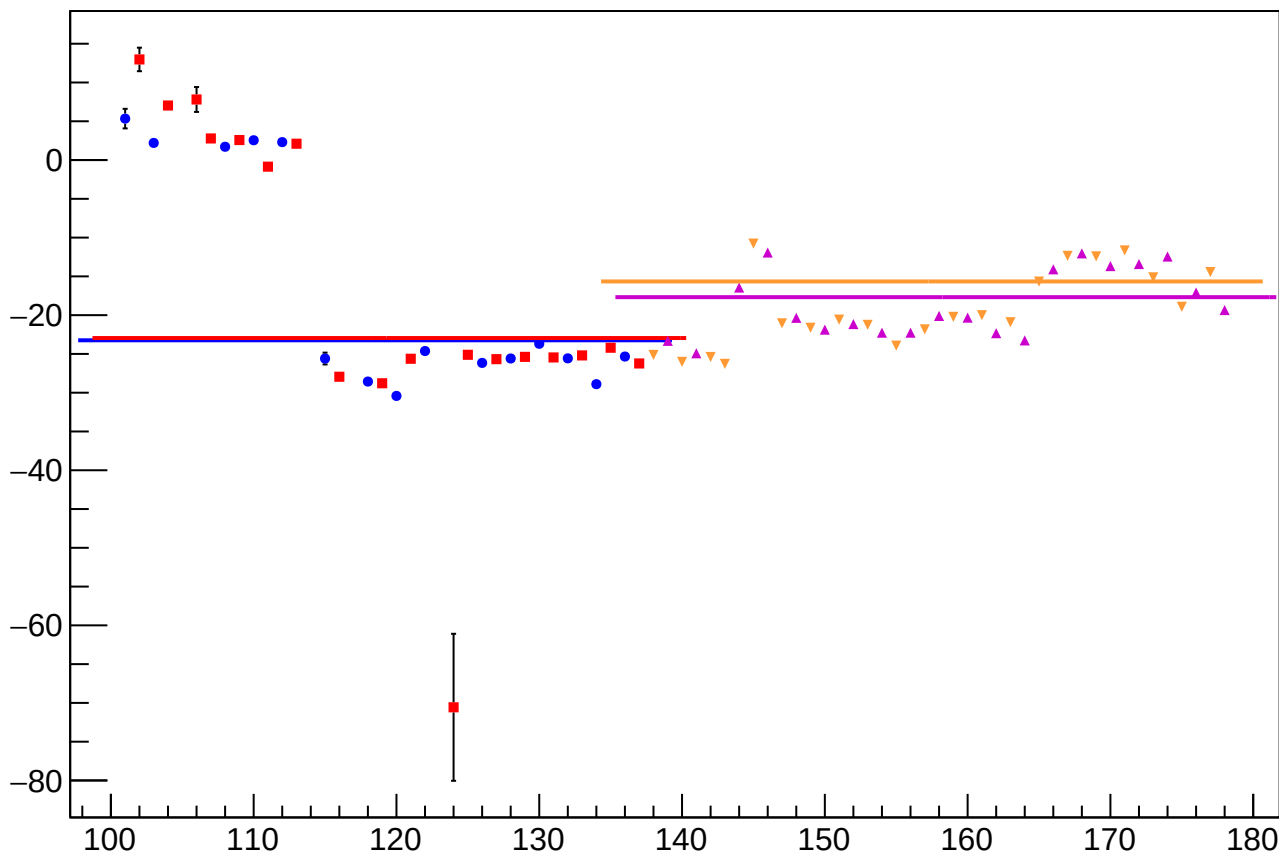
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.542 ± 0.002 $\chi^2/\text{NDF}: 9864.3/34$

Out: 0.533 ± 0.002 $\chi^2/\text{NDF}: 10863.9/38$

All: 0.538 ± 0.001 $\chi^2/\text{NDF}: 20738.3/73$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2 /NDF: 103102.8/14

Left Out: -15.654 $\pm$ 0.012 χ^2 /NDF:176680.7/20

Right Out: -22.951 $\pm$ 0.025 χ^2 /NDF: 108039.1/17

Left In: -17.681 $\pm$ 0.012 χ^2 /NDF:120236.2/19

Left: -16.639 $\pm$ 0.008 χ^2 /NDF: 312009.8/40

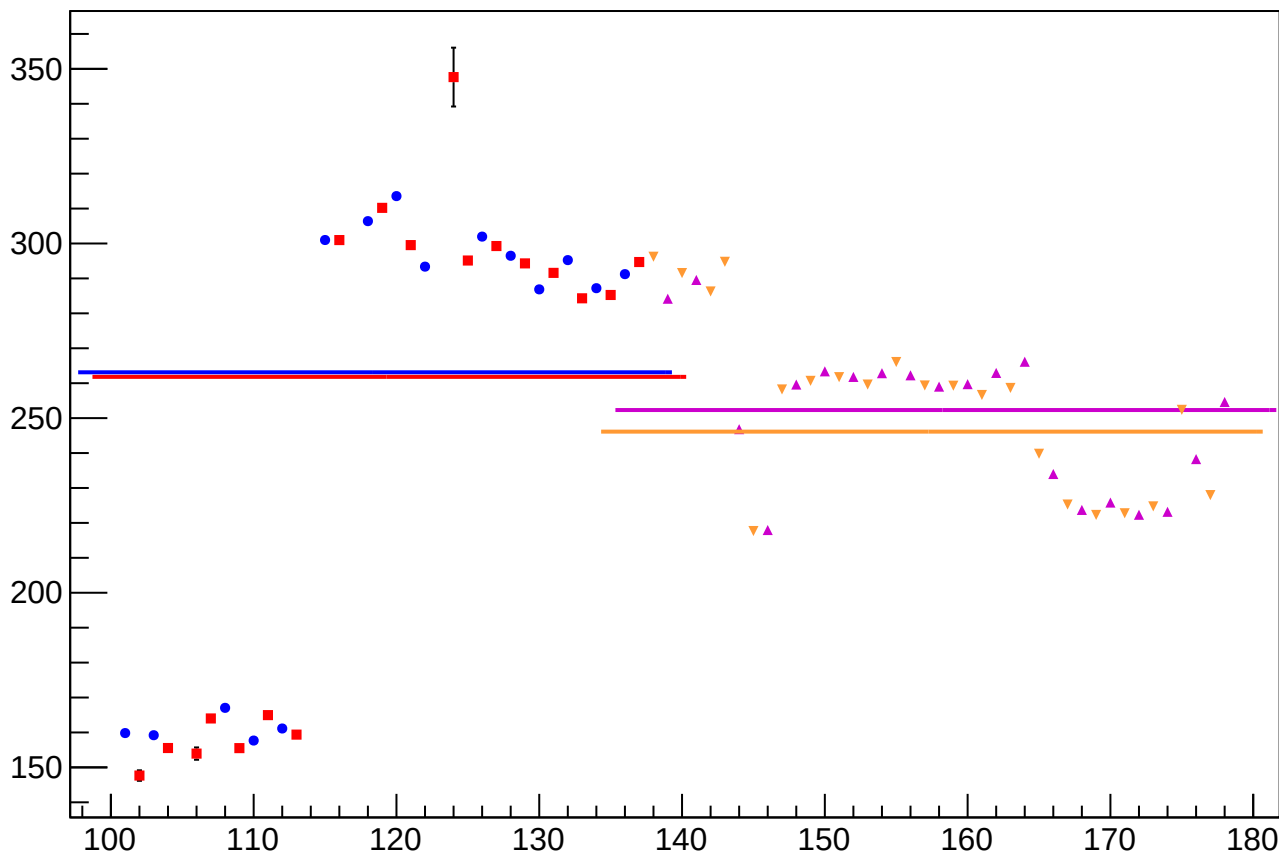
Right: -23.095 $\pm$ 0.017 χ^2 /NDF: 211210.7/32

In: -18.713 $\pm$ 0.011 χ^2 /NDF:264390.6/34

Out: -16.955 $\pm$ 0.010 χ^2 /NDF:356488.3/38

All: -17.814 $\pm$ 0.007 χ^2 /NDF: 634764.7/73

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.133 $\pm$ 0.029 χ^2 /NDF: 676928.7/20

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.315 $\pm$ 0.029 χ^2 /NDF: 356940.6/19

Left: 249.213 $\pm$ 0.020 χ^2 /NDF: 1057285.4/40

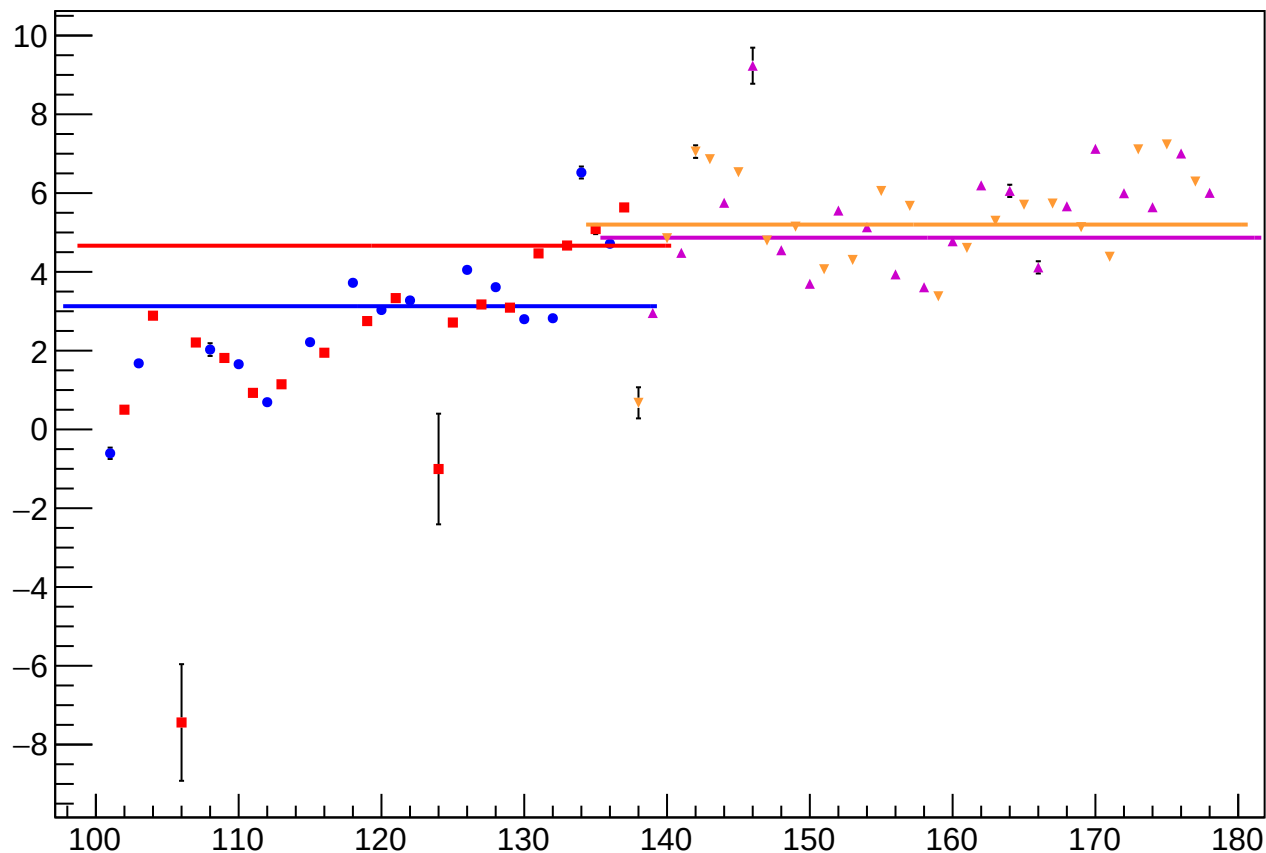
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.899 $\pm$ 0.026 χ^2 /NDF: 1070709.5/34

Out: 248.988 $\pm$ 0.026 χ^2 /NDF: 1738176.2/38

All: 251.382 $\pm$ 0.018 χ^2 /NDF: 2826562.0/73

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.201 ± 0.014 $\chi^2/\text{NDF}: 4415.7/20$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.867 ± 0.013 $\chi^2/\text{NDF}: 10022.7/19$

Left: 5.021 ± 0.010 $\chi^2/\text{NDF}: 14736.3/40$

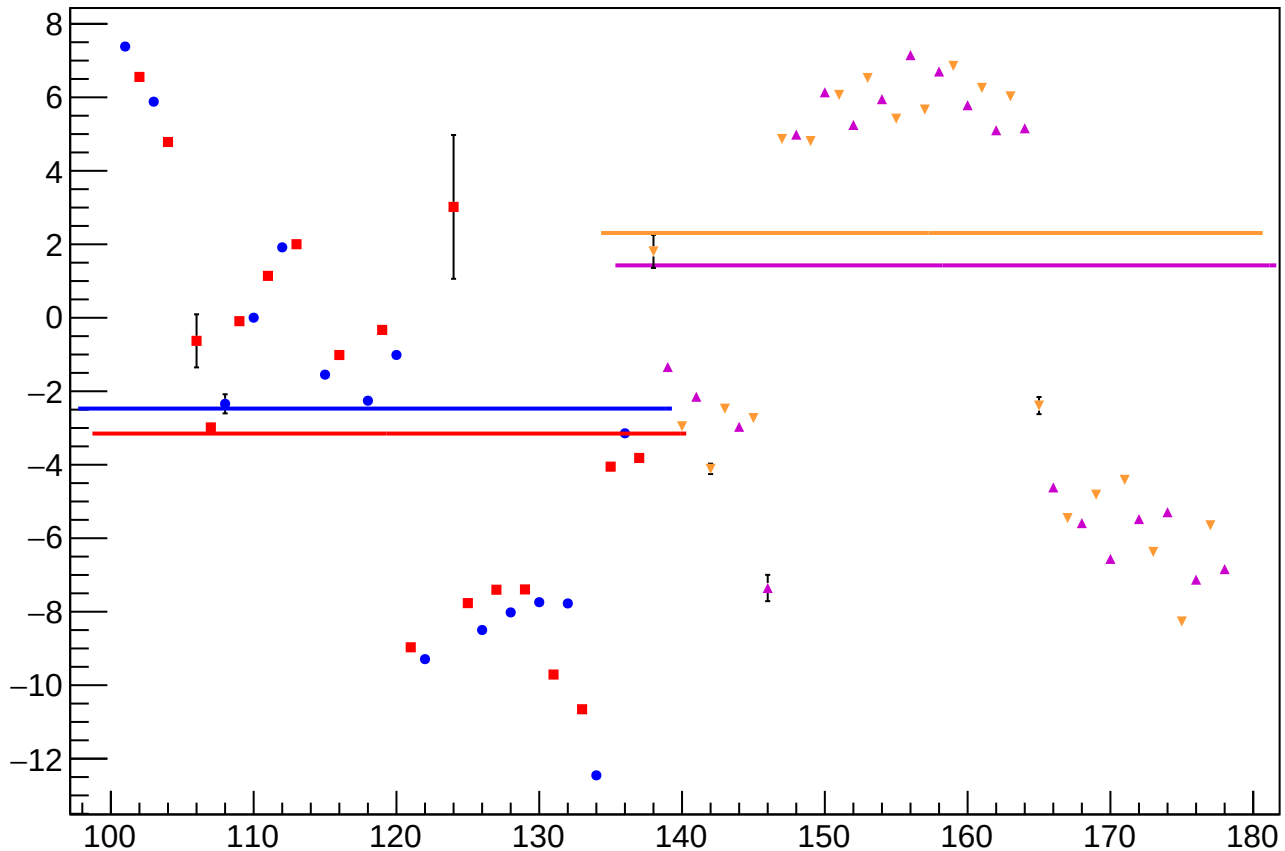
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.155 ± 0.010 $\chi^2/\text{NDF}: 22878.6/34$

Out: 4.754 ± 0.006 $\chi^2/\text{NDF}: 72471.1/38$

All: 4.605 ± 0.005 $\chi^2/\text{NDF}: 98003.5/73$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 2.308 ± 0.012 χ^2/NDF : 175522.1/20

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 1.426 ± 0.011 χ^2/NDF : 221784.7/19

Left: 1.851 ± 0.008 χ^2/NDF : 400168.4/40

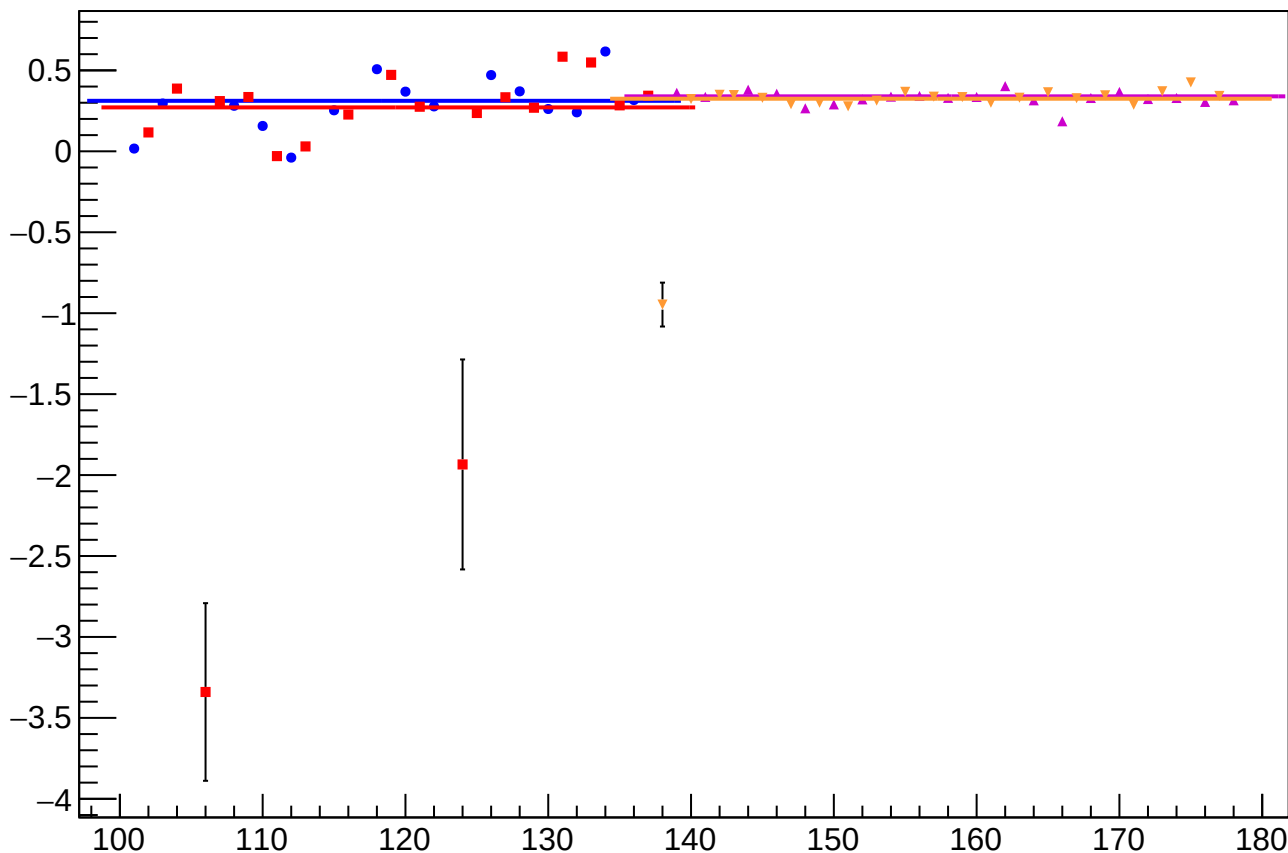
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.121 ± 0.009 χ^2/NDF : 510396.9/34

Out: -1.613 ± 0.006 χ^2/NDF : 574936.1/38

All: -1.114 ± 0.005 χ^2/NDF : 1104083.2/73

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.325 $\pm$ 0.001 χ^2 /NDF:2558.8/20

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.340 $\pm$ 0.001 χ^2 /NDF:3377.6/19

Left: 0.333 $\pm$ 0.000 χ^2 /NDF: 6270.7/40

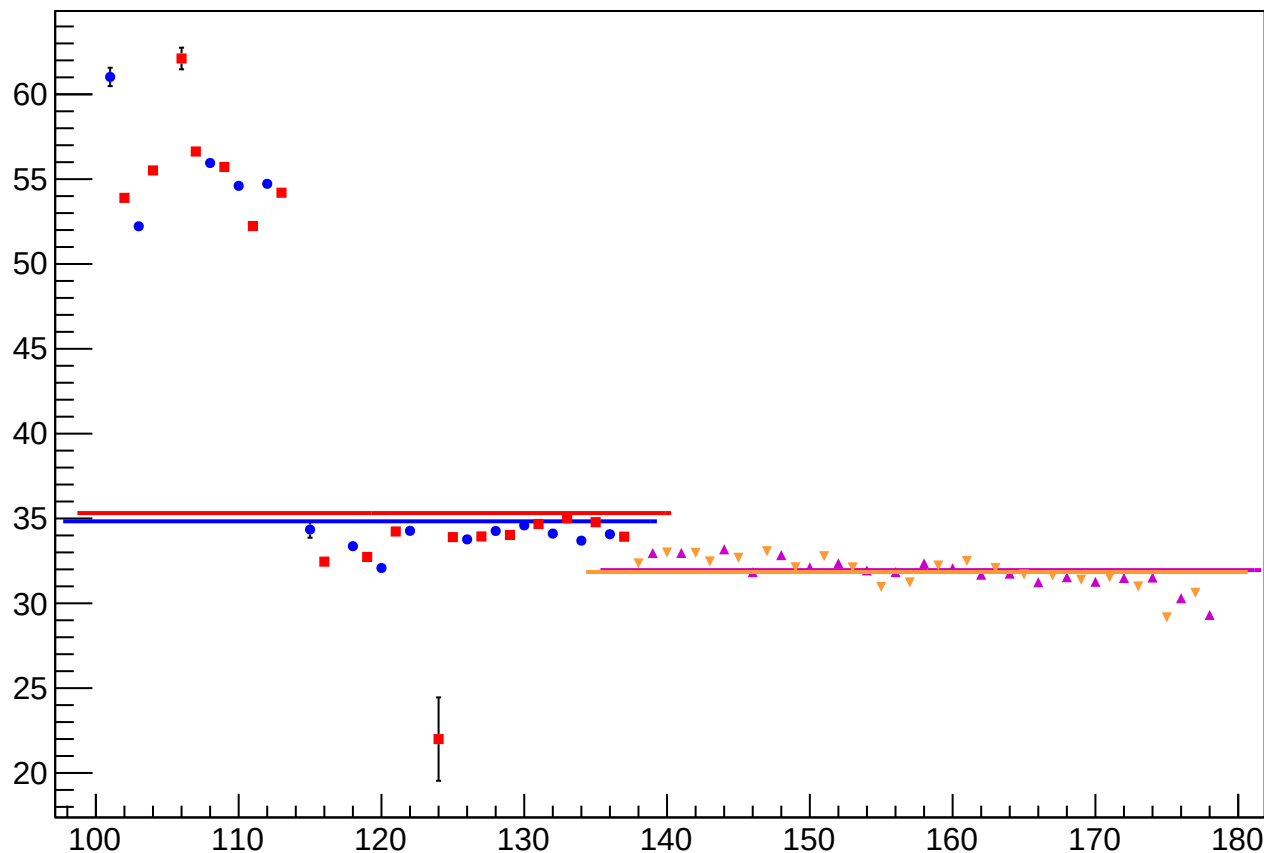
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.335 $\pm$ 0.001 χ^2 /NDF:5089.1/34

Out: 0.321 $\pm$ 0.001 χ^2 /NDF:9302.0/38

All: 0.329 $\pm$ 0.000 χ^2 /NDF: 14743.6/73

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.843 $\pm$ 0.003 χ^2 /NDF: 28201.8/20

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.957 $\pm$ 0.004 χ^2 /NDF: 16674.2/19

Left: 31.893 $\pm$ 0.002 χ^2 /NDF: 45416.1/40

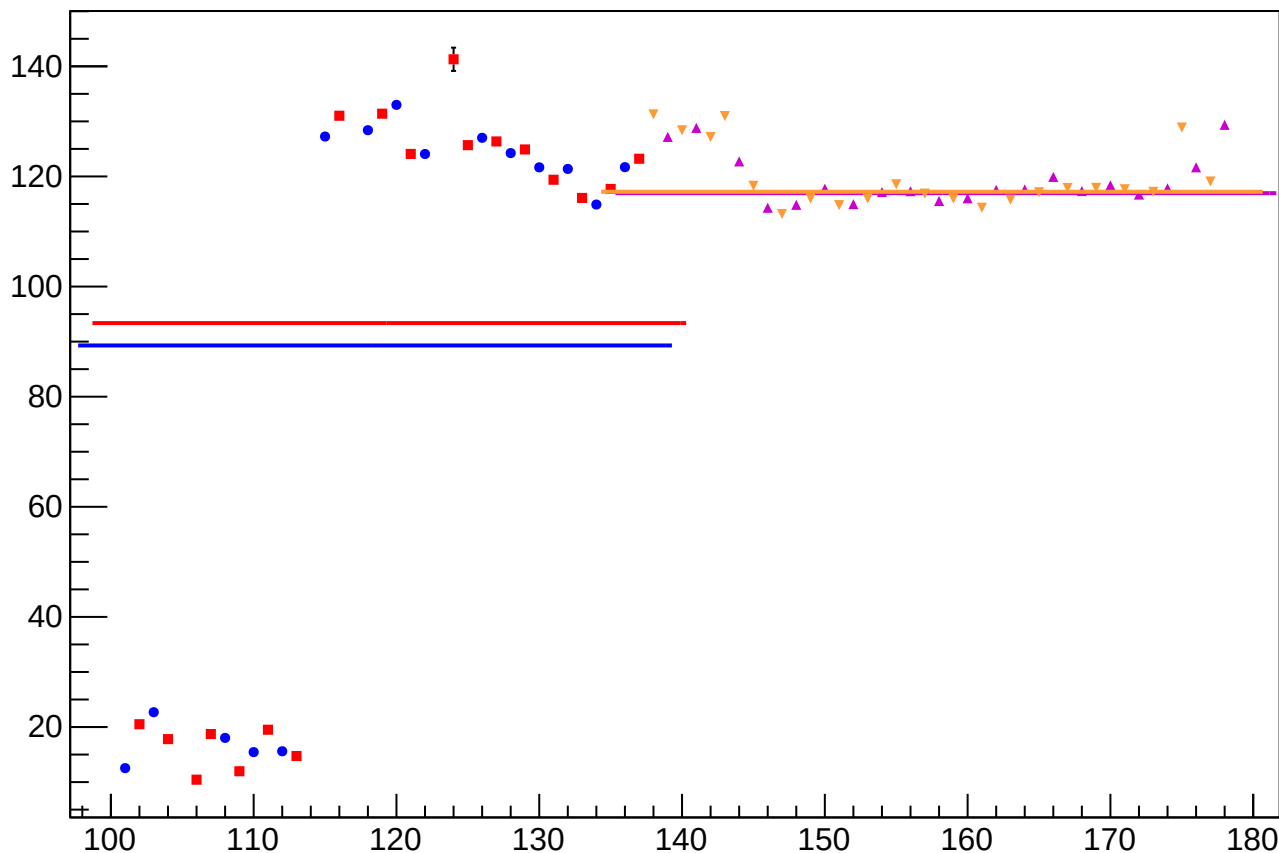
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.398 $\pm$ 0.003 χ^2 /NDF: 356358.5/34

Out: 32.180 $\pm$ 0.003 χ^2 /NDF: 399848.9/38

All: 32.280 $\pm$ 0.002 χ^2 /NDF: 758484.8/73

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.222 ± 0.008 $\chi^2/\text{NDF}: 125014.6/20$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.965 ± 0.009 $\chi^2/\text{NDF}: 45780.2/19$

Left: 117.105 ± 0.006 $\chi^2/\text{NDF}: 171262.1/40$

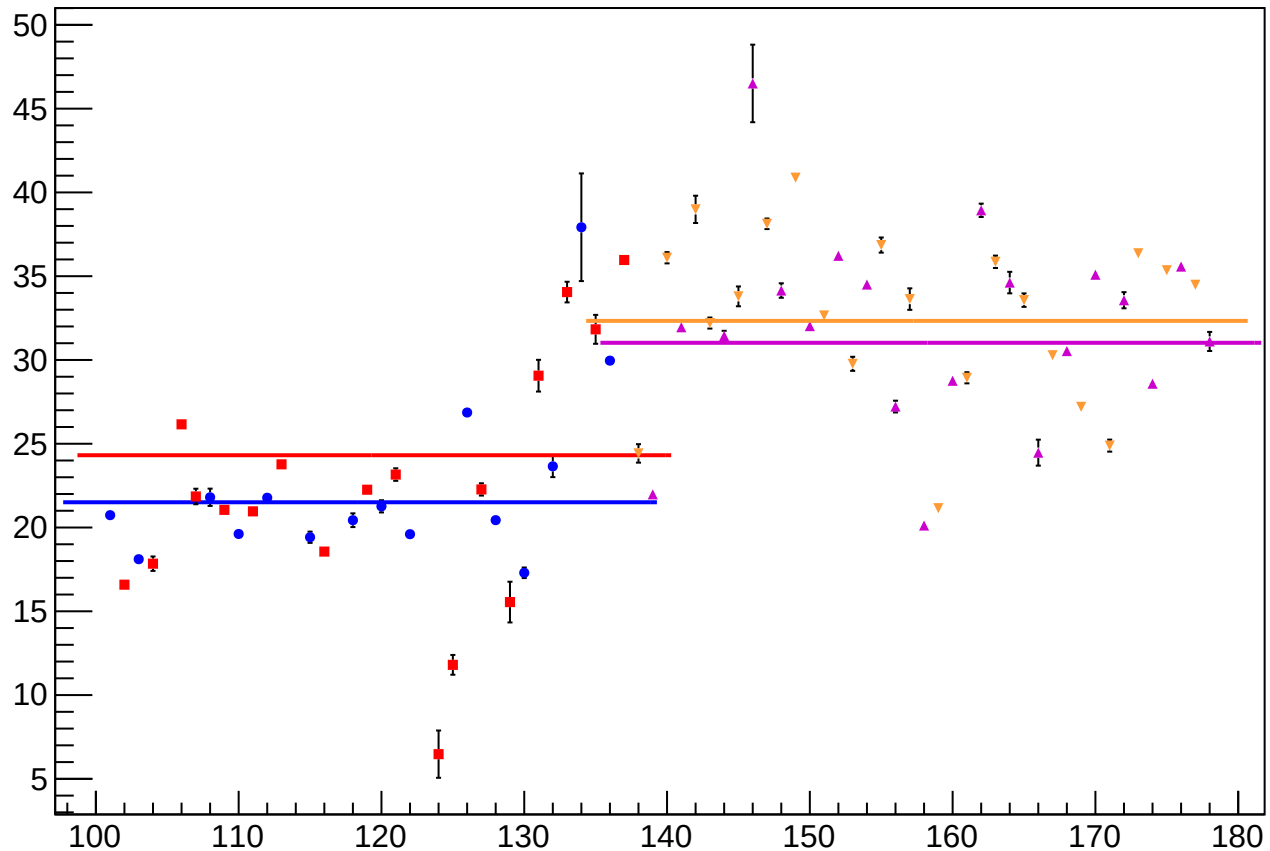
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.383 ± 0.008 $\chi^2/\text{NDF}: 4001867.7/34$

Out: 115.629 ± 0.008 $\chi^2/\text{NDF}: 3569865.0/38$

All: 115.056 ± 0.006 $\chi^2/\text{NDF}: 7583660.5/73$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.333 ± 0.071 χ^2/NDF : 5047.9/20

Right Out: 24.314 ± 0.058 χ^2/NDF : 14295.4/17

Left In: 31.025 ± 0.063 χ^2/NDF : 5896.2/19

Left: 31.600 ± 0.047 χ^2/NDF : 11136.3/40

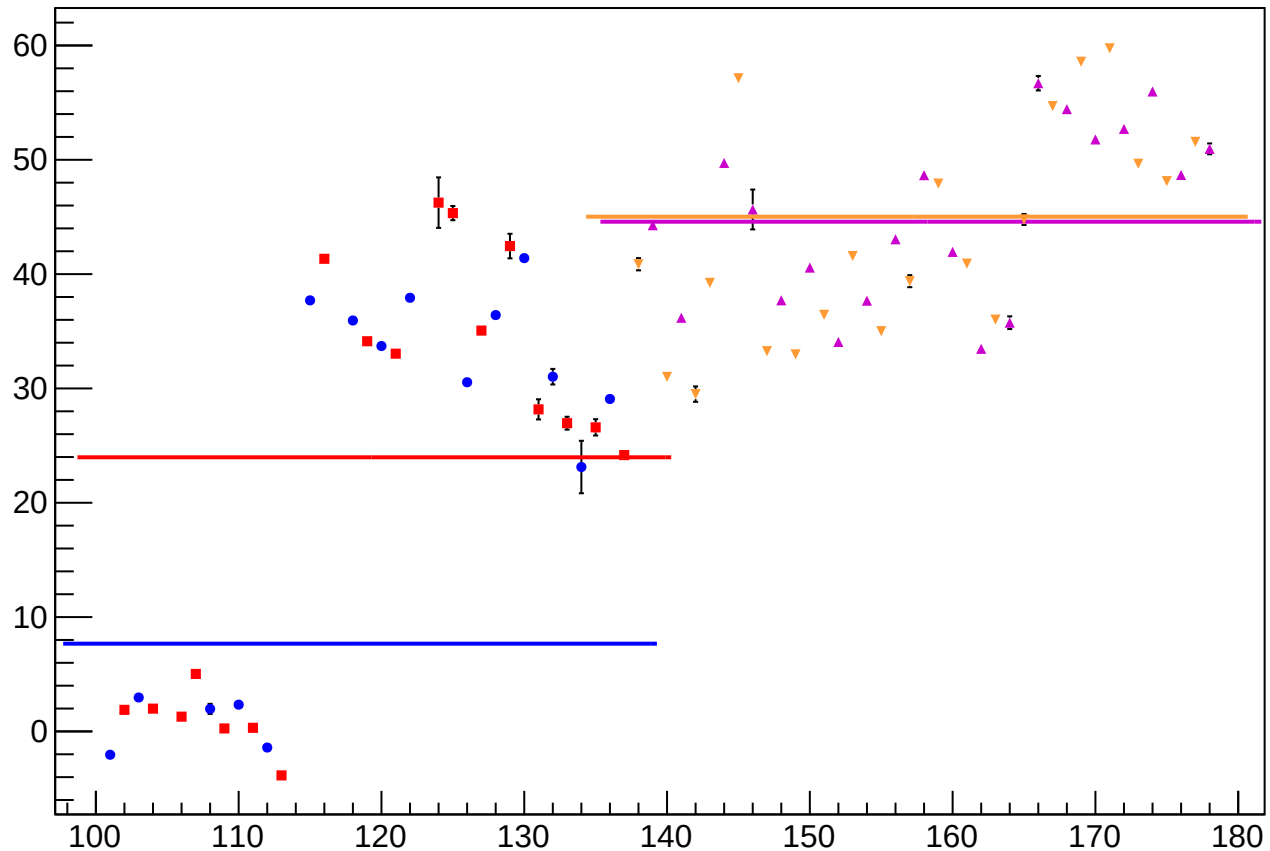
Right: 23.204 ± 0.045 χ^2/NDF : 18169.2/32

In: 26.952 ± 0.047 χ^2/NDF : 18767.5/34

Out: 27.574 ± 0.045 χ^2/NDF : 26991.2/38

All: 27.278 ± 0.033 χ^2/NDF : 45849.5/73

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 45.023 ± 0.059 $\chi^2/\text{NDF}: 22665.2/20$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 44.585 ± 0.053 $\chi^2/\text{NDF}: 16666.3/19$

Left: 44.783 ± 0.039 $\chi^2/\text{NDF}: 39362.1/40$

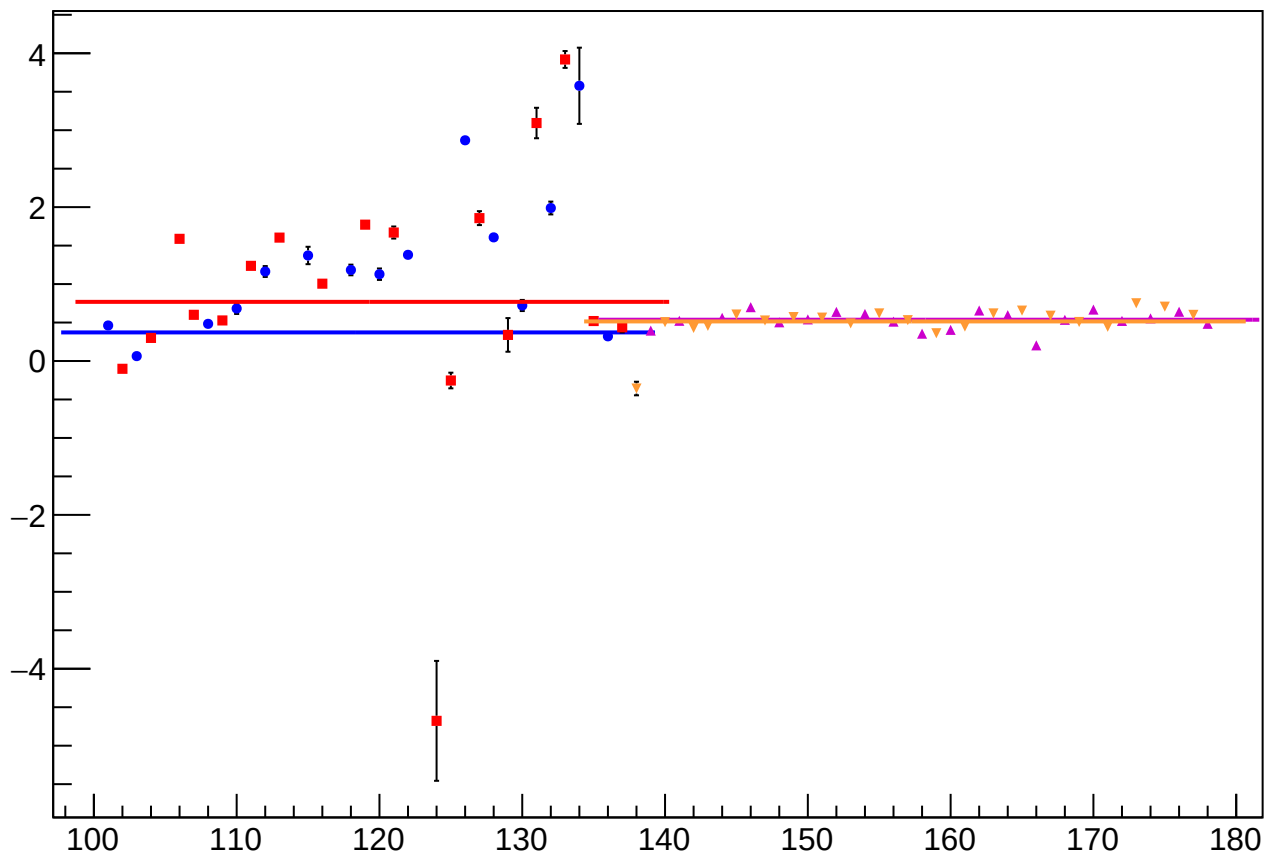
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 23.178 ± 0.034 $\chi^2/\text{NDF}: 392750.8/34$

Out: 24.380 ± 0.008 $\chi^2/\text{NDF}: 260061.5/38$

All: 24.317 ± 0.008 $\chi^2/\text{NDF}: 653967.5/73$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.515+/-0.001 χ^2/NDF :13277.1/20

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.537+/-0.001 χ^2/NDF :12309.1/19

Left: 0.527+/-0.001 χ^2/NDF : 25829.4/40

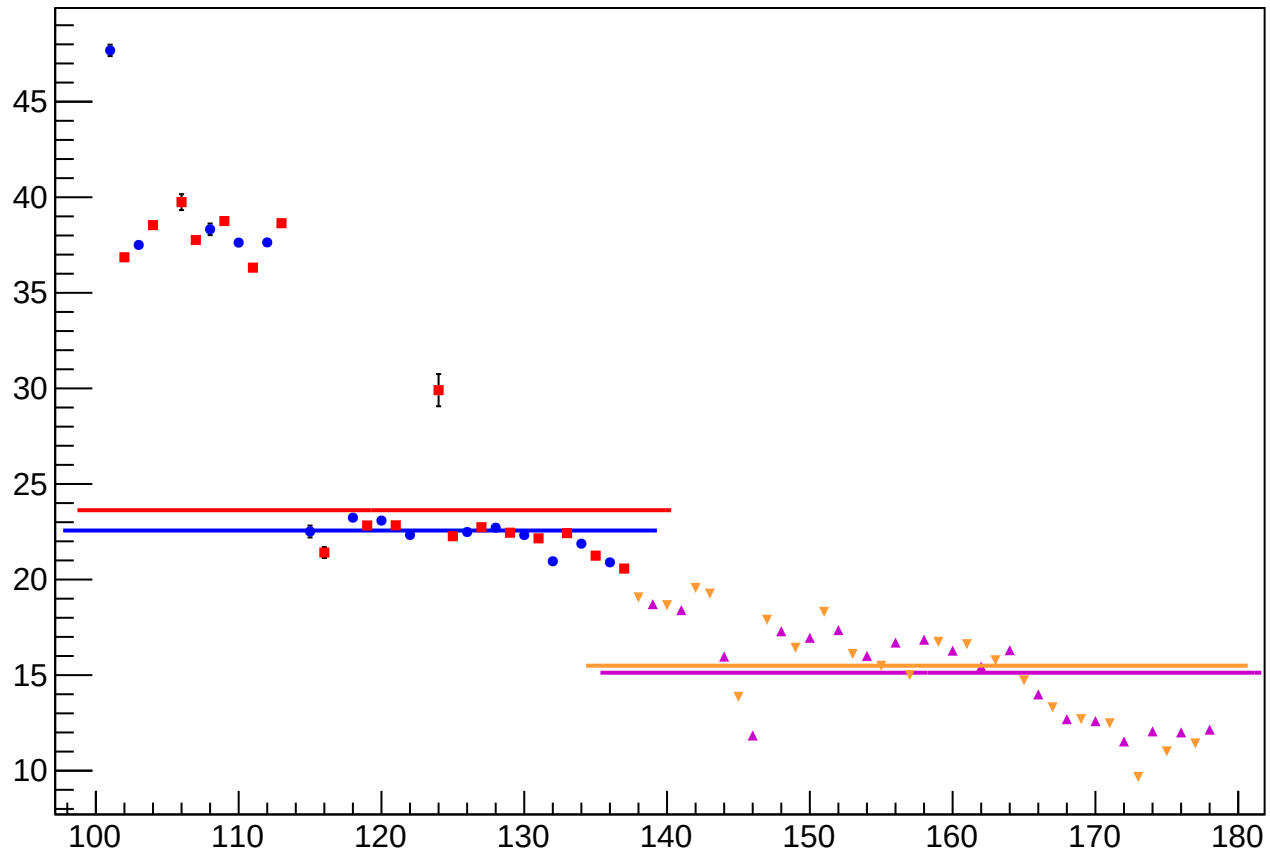
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.529+/-0.001 χ^2/NDF :18425.6/34

Out: 0.520+/-0.001 χ^2/NDF :18728.8/38

All: 0.525+/-0.001 χ^2/NDF : 37195.3/73

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.494 $\pm$ 0.006 χ^2 /NDF: 208074.4/20

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 15.126 $\pm$ 0.006 χ^2 /NDF: 137393.0/19

Left: 15.321 $\pm$ 0.004 χ^2 /NDF: 347337.1/40

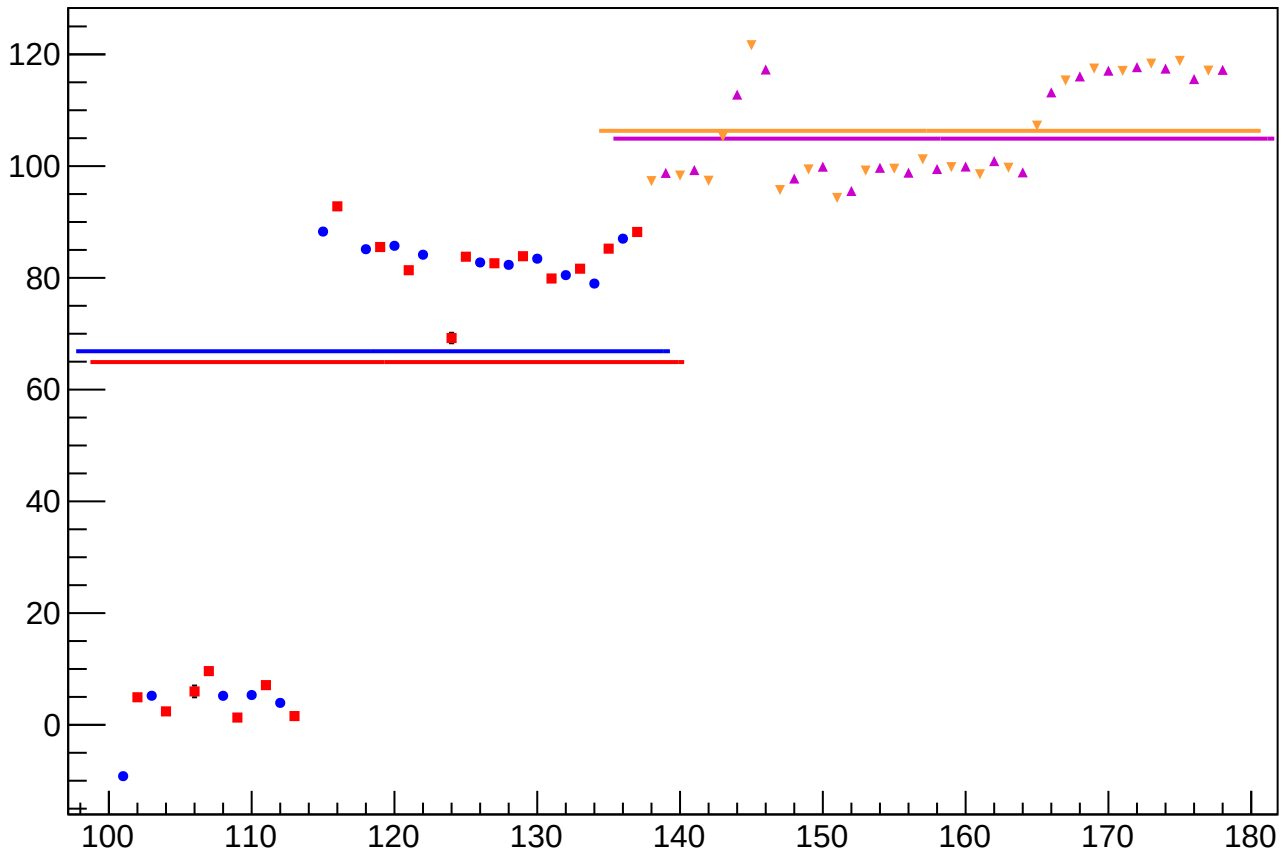
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 17.140 $\pm$ 0.005 χ^2 /NDF: 620142.4/34

Out: 17.217 $\pm$ 0.005 χ^2 /NDF: 745261.6/38

All: 17.180 $\pm$ 0.004 χ^2 /NDF: 1365512.4/73

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 106.319 $\pm$ 0.011 χ^2 /NDF: 733422.9/20

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 104.919 $\pm$ 0.011 χ^2 /NDF: 579513.6/19

Left: 105.637 $\pm$ 0.008 χ^2 /NDF: 1321487.8/40

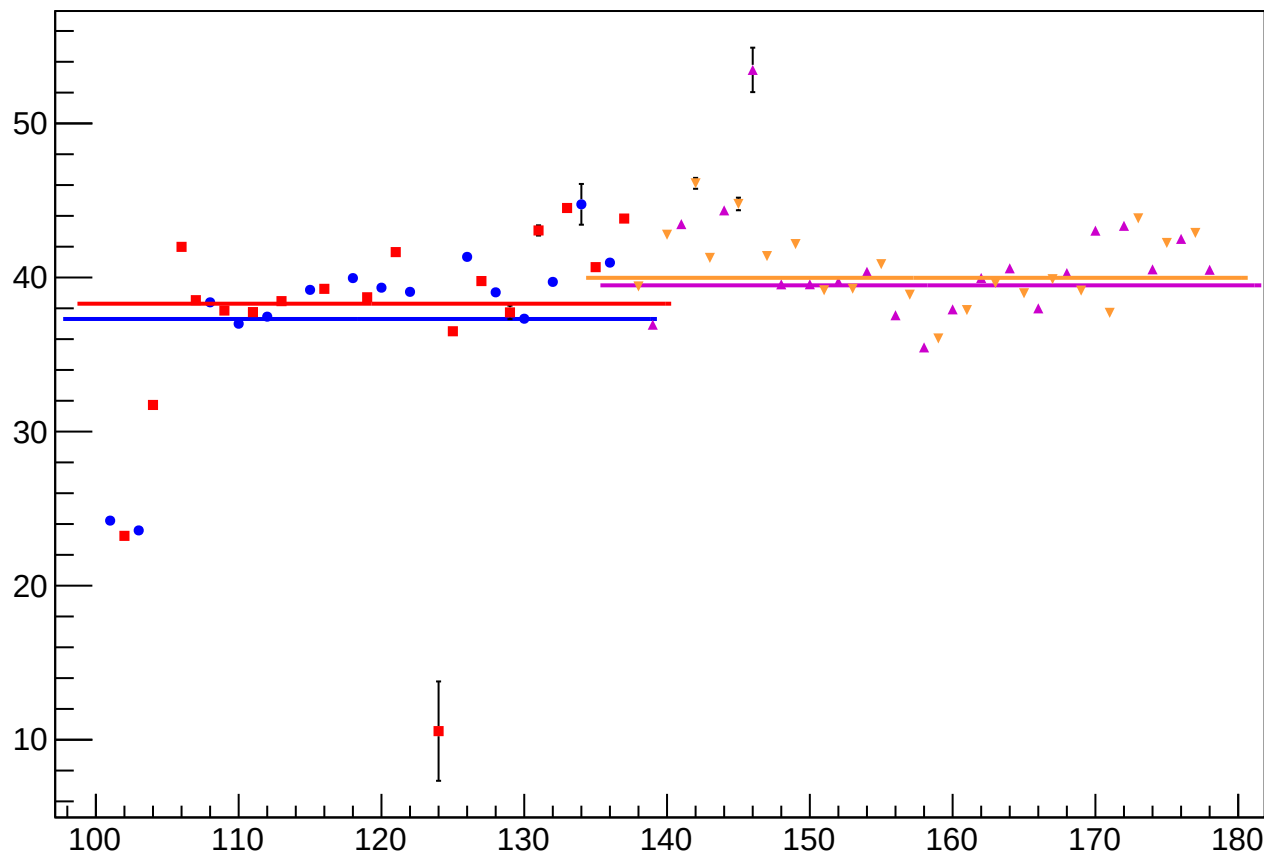
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 99.653 $\pm$ 0.010 χ^2 /NDF: 3777567.6/34

Out: 101.675 $\pm$ 0.010 χ^2 /NDF: 3789019.8/38

All: 100.675 $\pm$ 0.007 χ^2 /NDF: 7586973.1/73

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.979 ± 0.030 $\chi^2/\text{NDF}: 5769.8/20$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.491 ± 0.025 $\chi^2/\text{NDF}: 8358.9/19$

Left: 39.686 ± 0.019 $\chi^2/\text{NDF}: 14286.5/40$

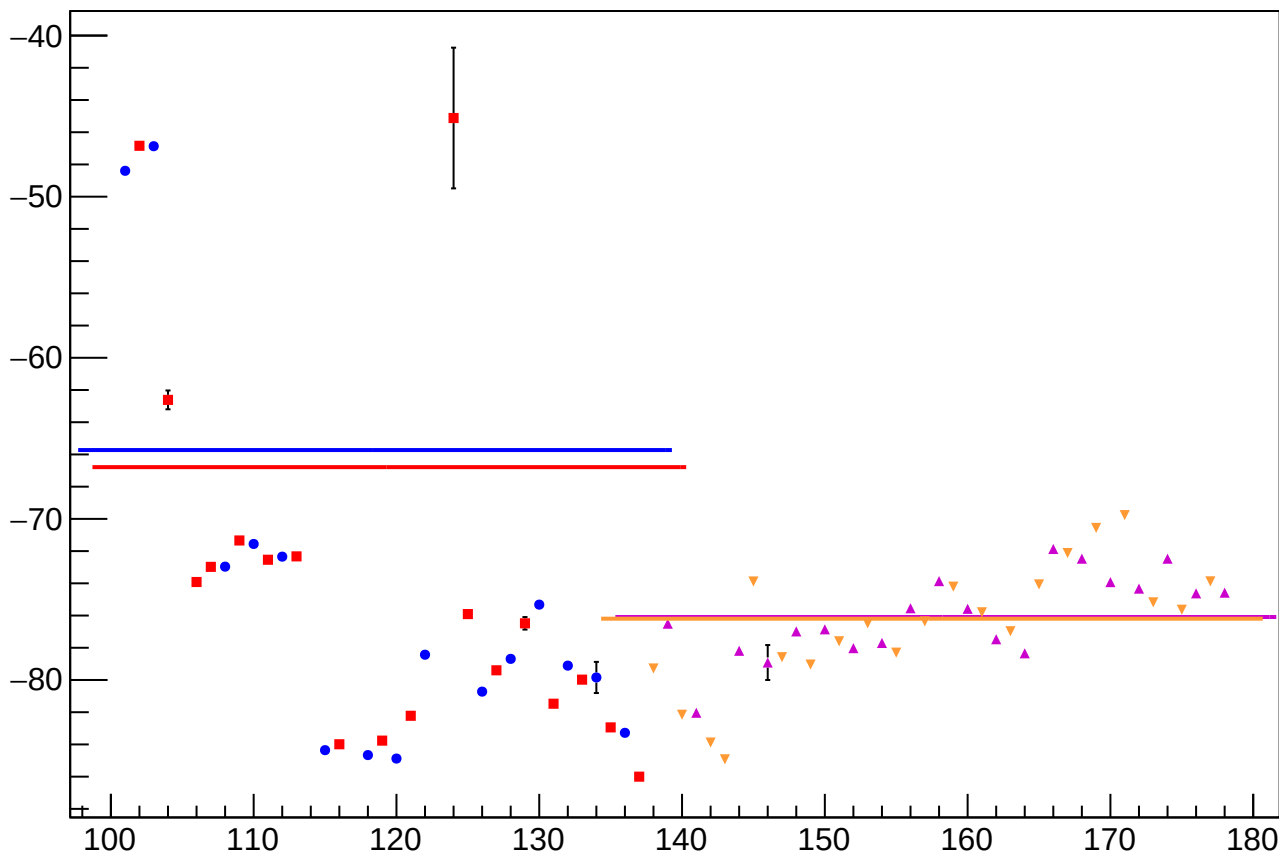
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.331 ± 0.017 $\chi^2/\text{NDF}: 72134.5/34$

Out: 38.832 ± 0.017 $\chi^2/\text{NDF}: 26735.5/38$

All: 38.580 ± 0.012 $\chi^2/\text{NDF}: 99310.0/73$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.195 $\pm$ 0.024 χ^2 /NDF:22133.8/20

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.090 $\pm$ 0.020 χ^2 /NDF:10307.5/19

Left: -76.133 $\pm$ 0.016 χ^2 /NDF: 32452.2/40

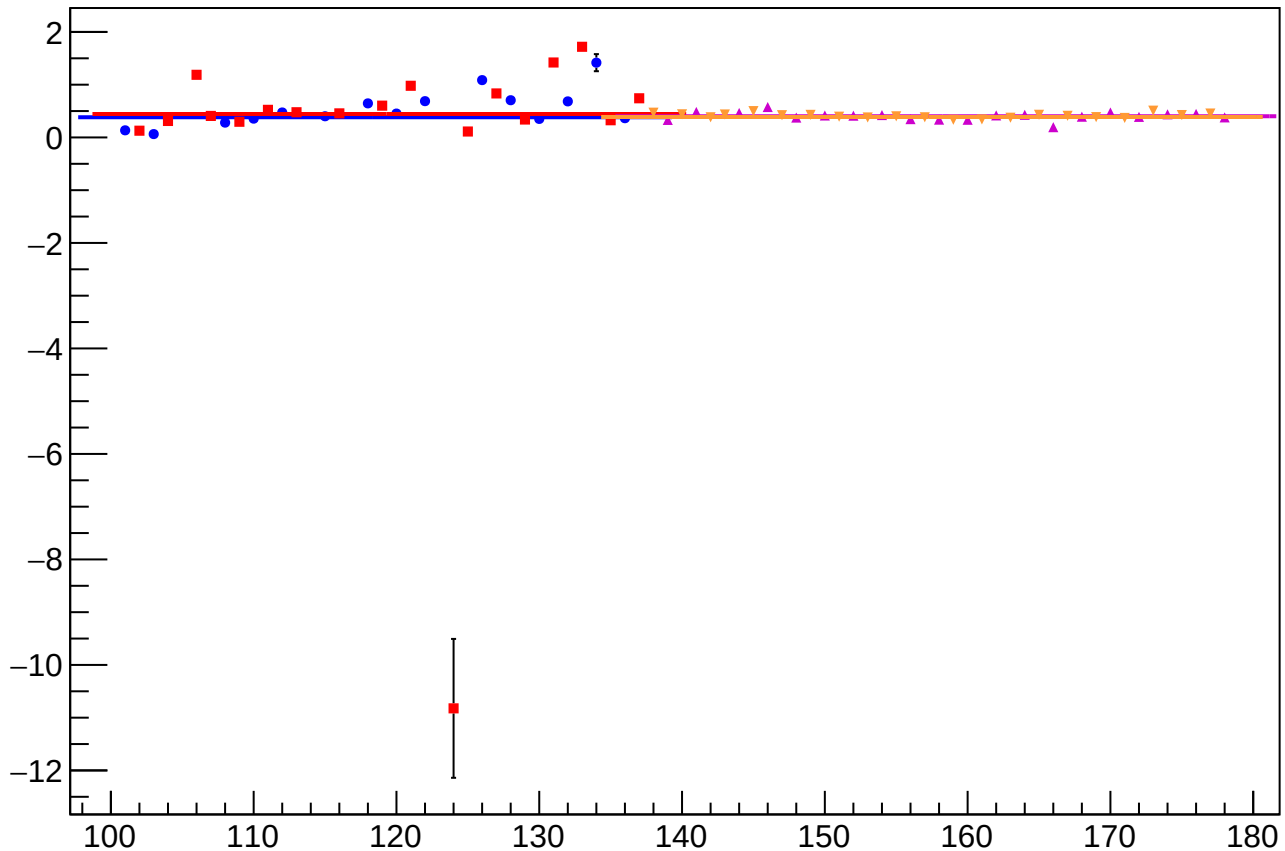
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.987 $\pm$ 0.013 χ^2 /NDF:1068833.6/34

Out: -69.555 $\pm$ 0.013 χ^2 /NDF:935651.0/38

All: -69.777 $\pm$ 0.009 χ^2 /NDF: 2005029.3/73

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.388 $\pm$ 0.000 χ^2 /NDF:9650.7/20

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.402 $\pm$ 0.000 χ^2 /NDF:8416.2/19

Left: 0.395 $\pm$ 0.000 χ^2 /NDF: 18509.5/40

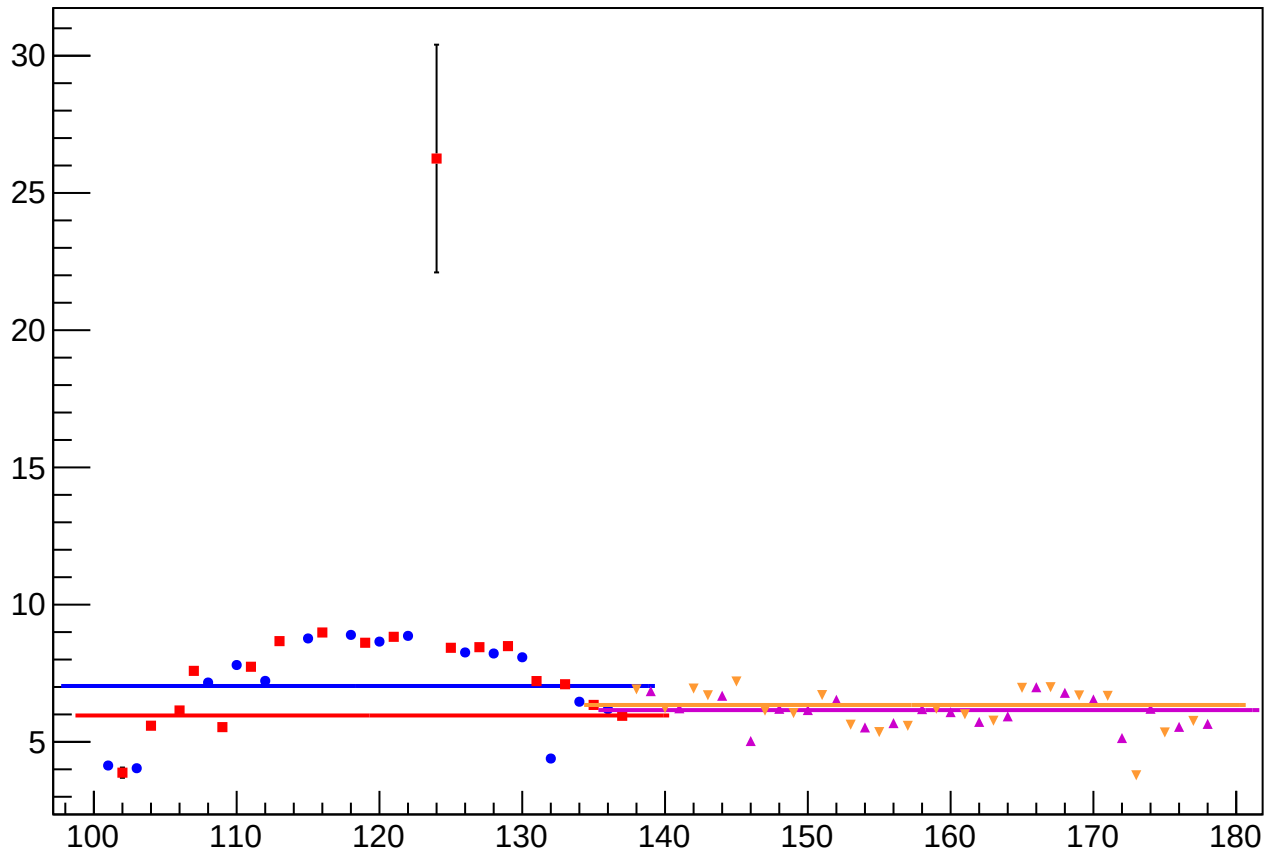
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.401 $\pm$ 0.000 χ^2 /NDF:16686.6/34

Out: 0.388 $\pm$ 0.000 χ^2 /NDF:12671.7/38

All: 0.395 $\pm$ 0.000 χ^2 /NDF: 29692.4/73

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.345+/-0.002 χ^2/NDF : 76471.6/20

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.158+/-0.002 χ^2/NDF : 47808.7/19

Left: 6.246+/-0.001 χ^2/NDF : 131238.0/40

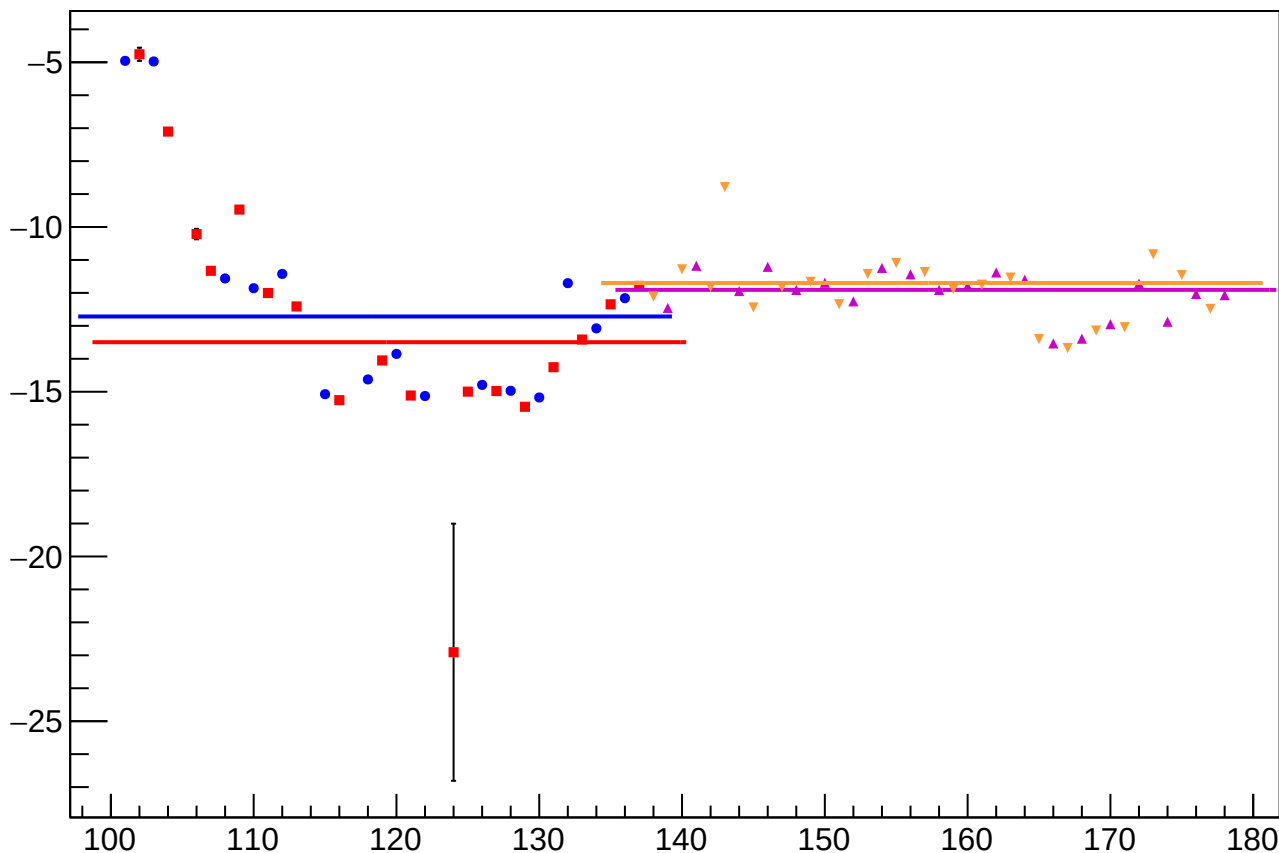
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.249+/-0.001 χ^2/NDF : 151522.8/34

Out: 5.984+/-0.000 χ^2/NDF : 297151.6/38

All: 6.003+/-0.000 χ^2/NDF : 479315.1/73

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.698 $\pm$ 0.002 χ^2 /NDF:338542.7/20

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.908 $\pm$ 0.002 χ^2 /NDF:63502.1/19

Left: -11.805 $\pm$ 0.002 χ^2 /NDF: 406691.1/40

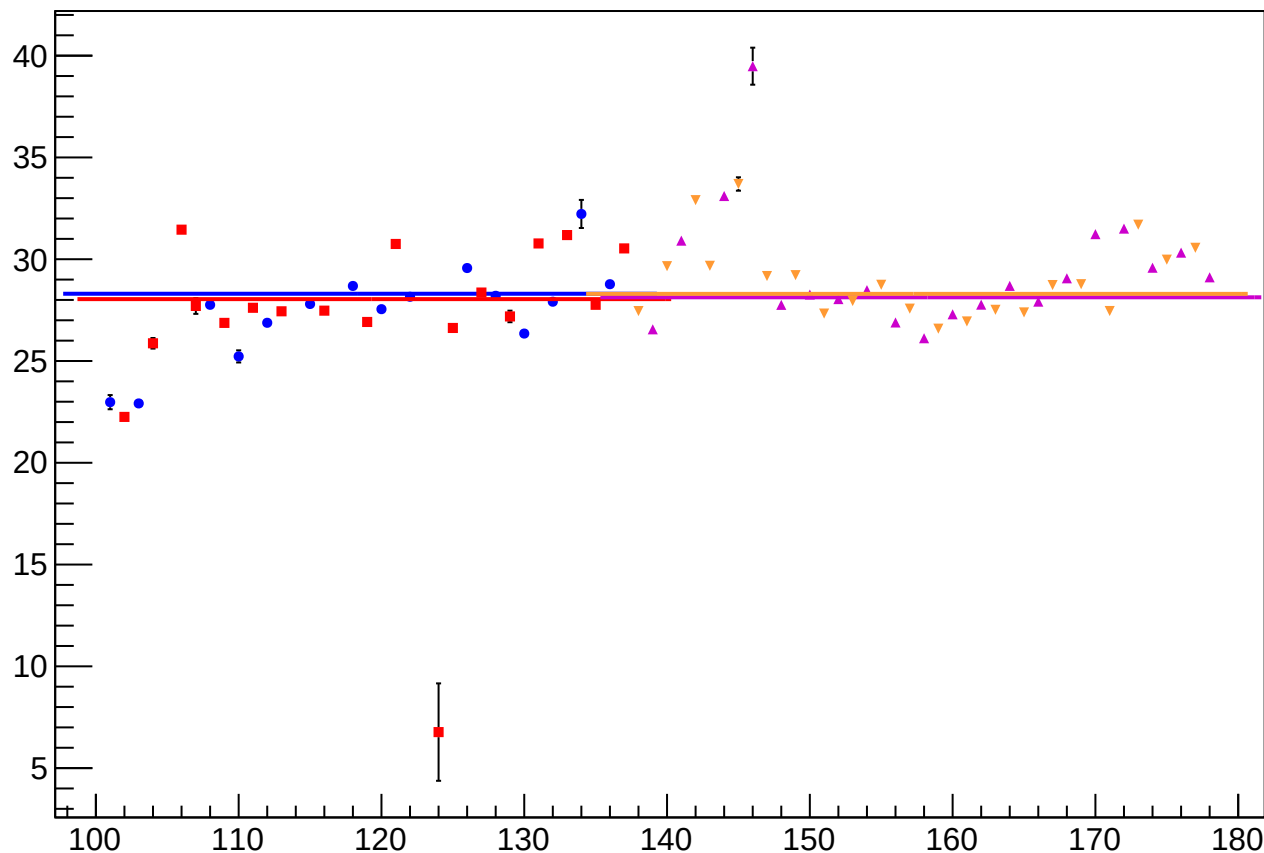
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.991 $\pm$ 0.002 χ^2 /NDF:163103.8/34

Out: -11.922 $\pm$ 0.002 χ^2 /NDF:478084.9/38

All: -11.957 $\pm$ 0.001 χ^2 /NDF: 641754.0/73

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.298 $\pm$ 0.018 χ^2 /NDF:6382.1/20

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.129 $\pm$ 0.015 χ^2 /NDF:8694.3/19

Left: 28.198 $\pm$ 0.012 χ^2 /NDF: 15126.2/40

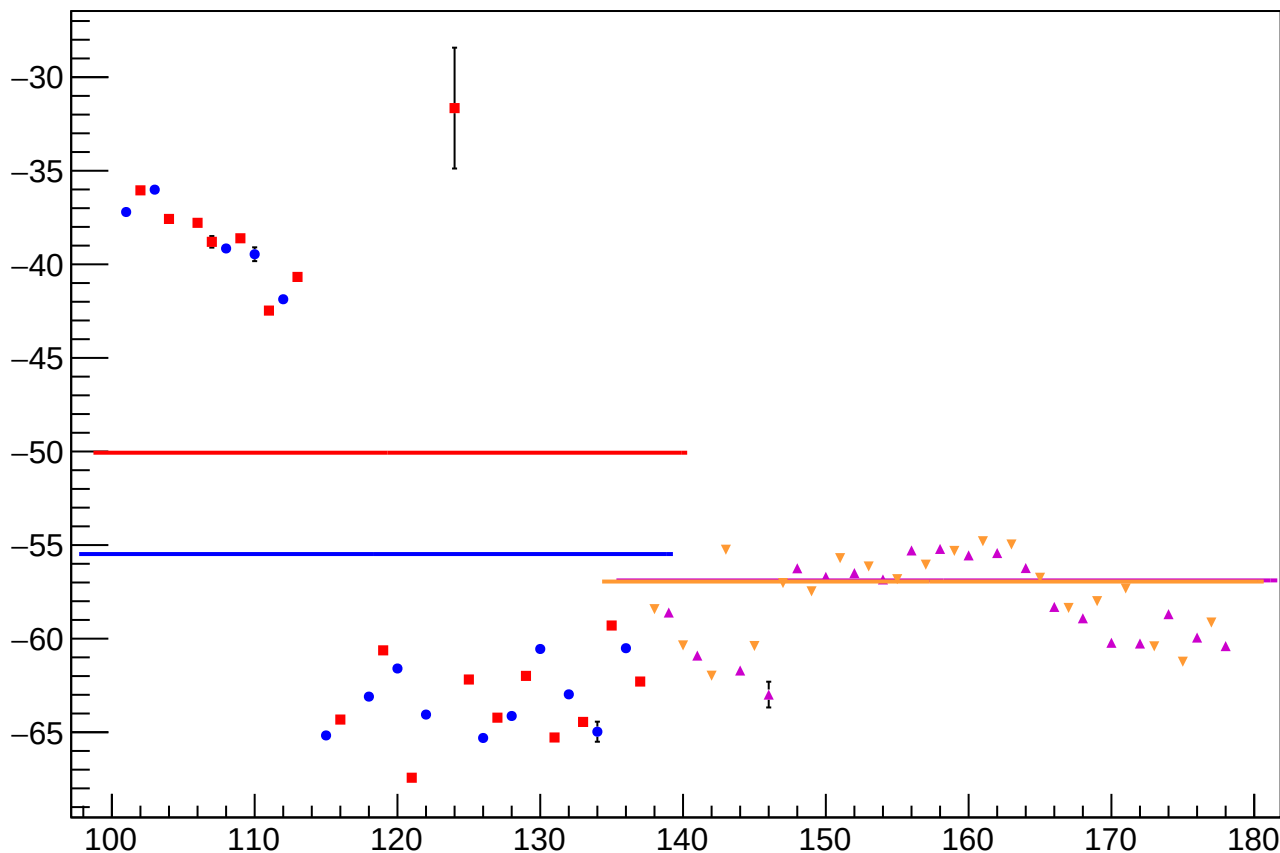
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.182 $\pm$ 0.013 χ^2 /NDF:12134.3/34

Out: 28.228 $\pm$ 0.016 χ^2 /NDF:8996.6/38

All: 28.200 $\pm$ 0.010 χ^2 /NDF: 21136.0/73

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.949 $\pm$ 0.015 χ^2 /NDF:16448.6/20

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.888 $\pm$ 0.013 χ^2 /NDF:16052.9/19

Left: -56.914 $\pm$ 0.010 χ^2 /NDF: 32510.5/40

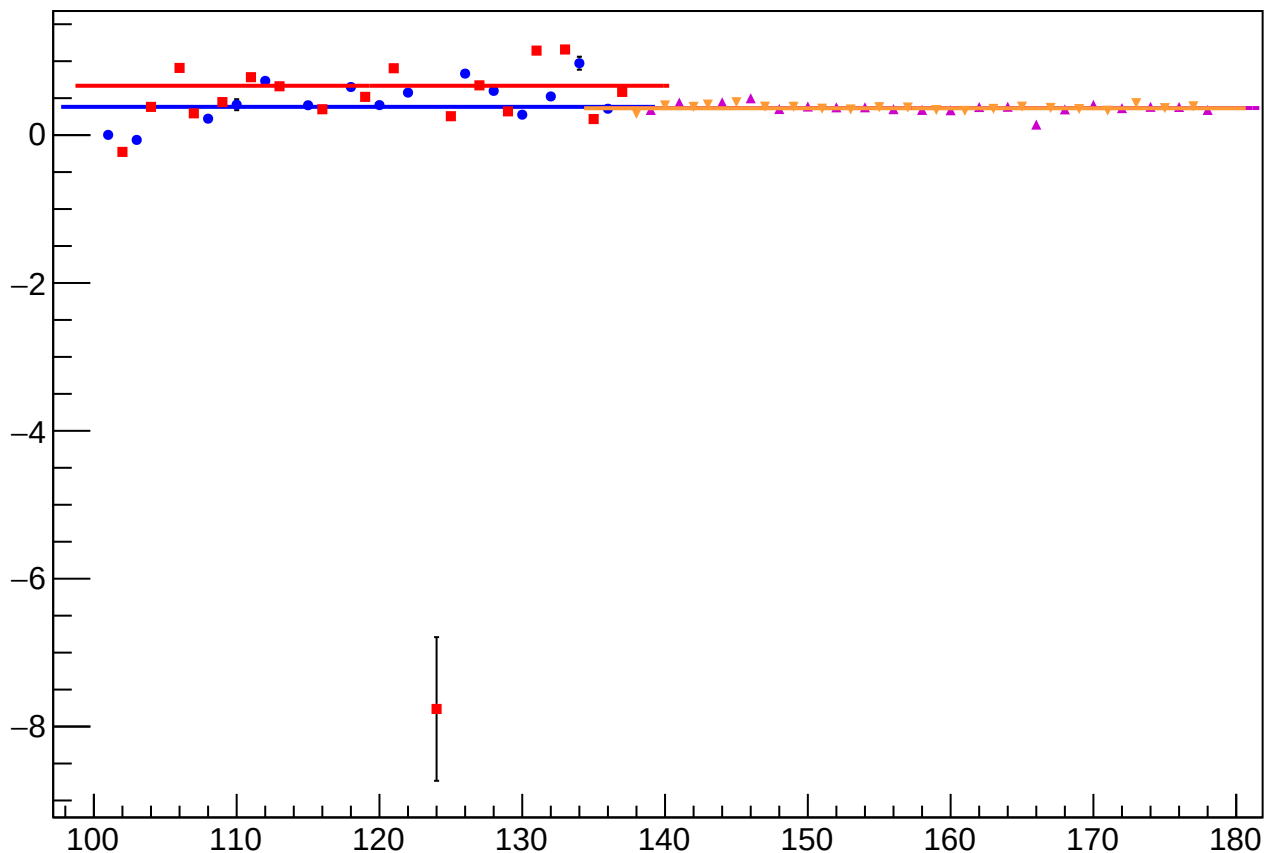
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.347 $\pm$ 0.010 χ^2 /NDF:615643.5/34

Out: -54.844 $\pm$ 0.013 χ^2 /NDF:418060.7/38

All: -55.758 $\pm$ 0.008 χ^2 /NDF: 1042100.4/73

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF:7815.4/20

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF:5916.0/19

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 13771.4/40

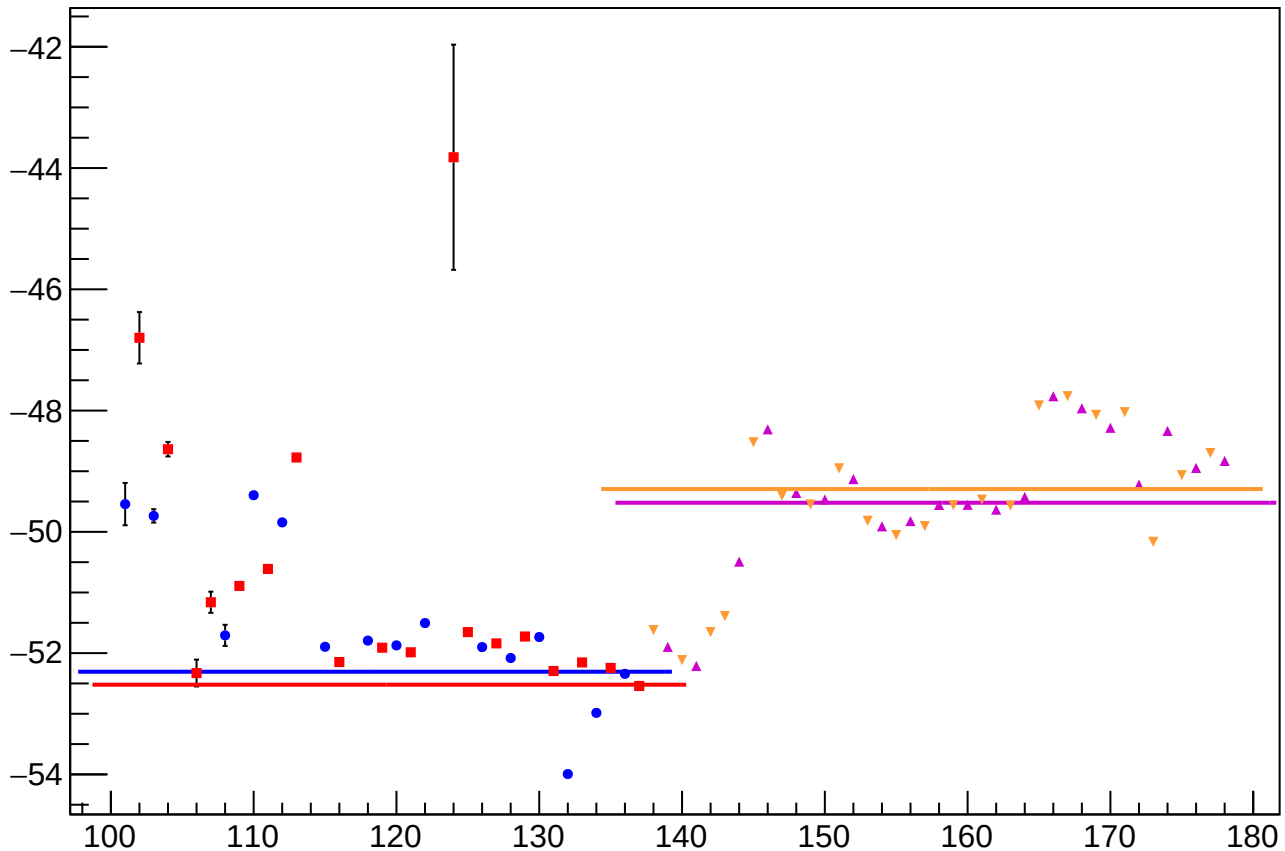
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF:10605.6/34

Out: 0.365 $\pm$ 0.000 χ^2 /NDF:15858.2/38

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26481.9/73

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.294 $\pm$ 0.001 χ^2 /NDF: 507686.6/20

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.520 $\pm$ 0.001 χ^2 /NDF: 420765.4/19

Left: -49.406 $\pm$ 0.001 χ^2 /NDF: 941059.3/40

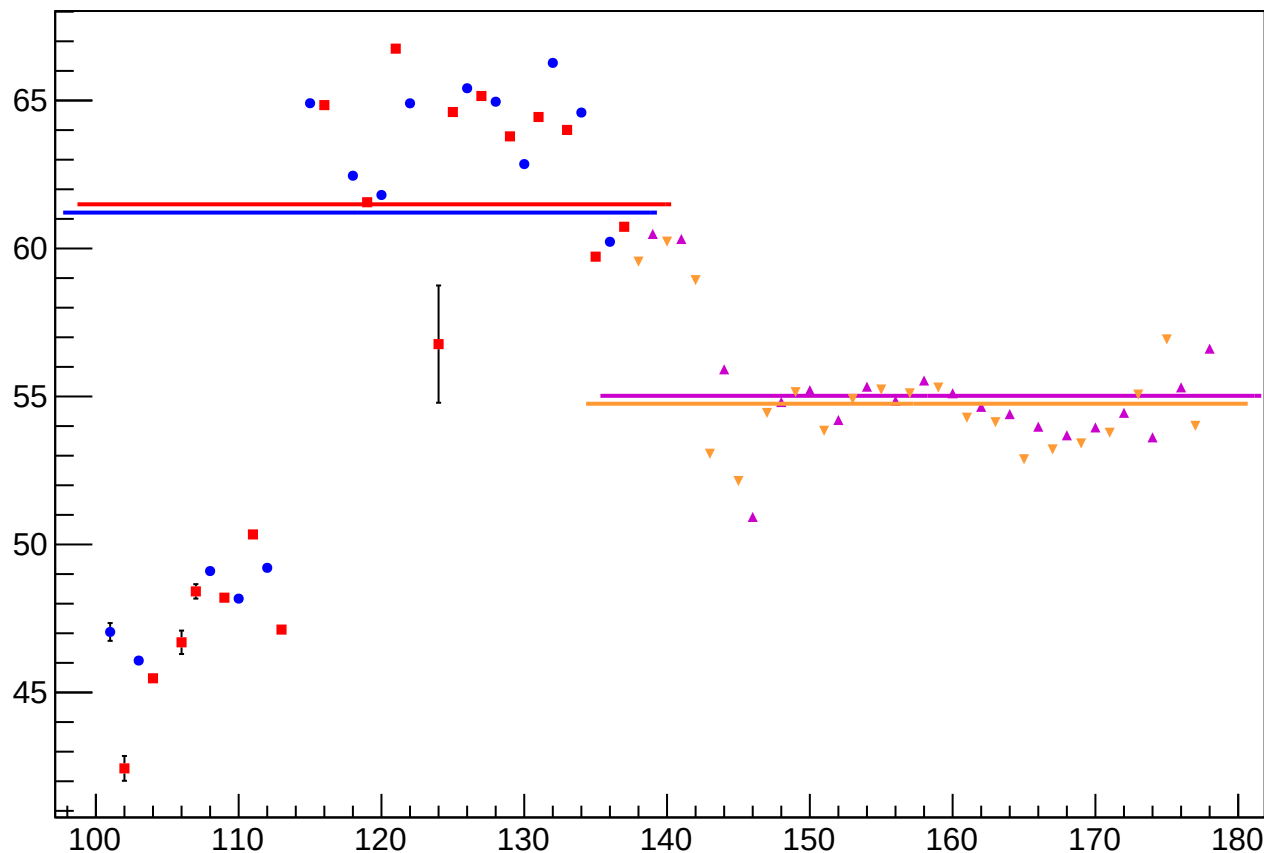
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.854 $\pm$ 0.001 χ^2 /NDF: 900139.7/34

Out: -51.302 $\pm$ 0.001 χ^2 /NDF: 3755133.1/38

All: -50.873 $\pm$ 0.001 χ^2 /NDF: 5474070.8/73

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.755 ± 0.003 $\chi^2/\text{NDF}: 249246.0/20$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.023 ± 0.003 $\chi^2/\text{NDF}: 81838.8/19$

Left: 54.903 ± 0.002 $\chi^2/\text{NDF}: 334944.9/40$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.505 ± 0.003 $\chi^2/\text{NDF}: 597010.5/34$

Out: 55.999 ± 0.003 $\chi^2/\text{NDF}: 1313183.7/38$

All: 55.742 ± 0.002 $\chi^2/\text{NDF}: 1925462.8/73$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

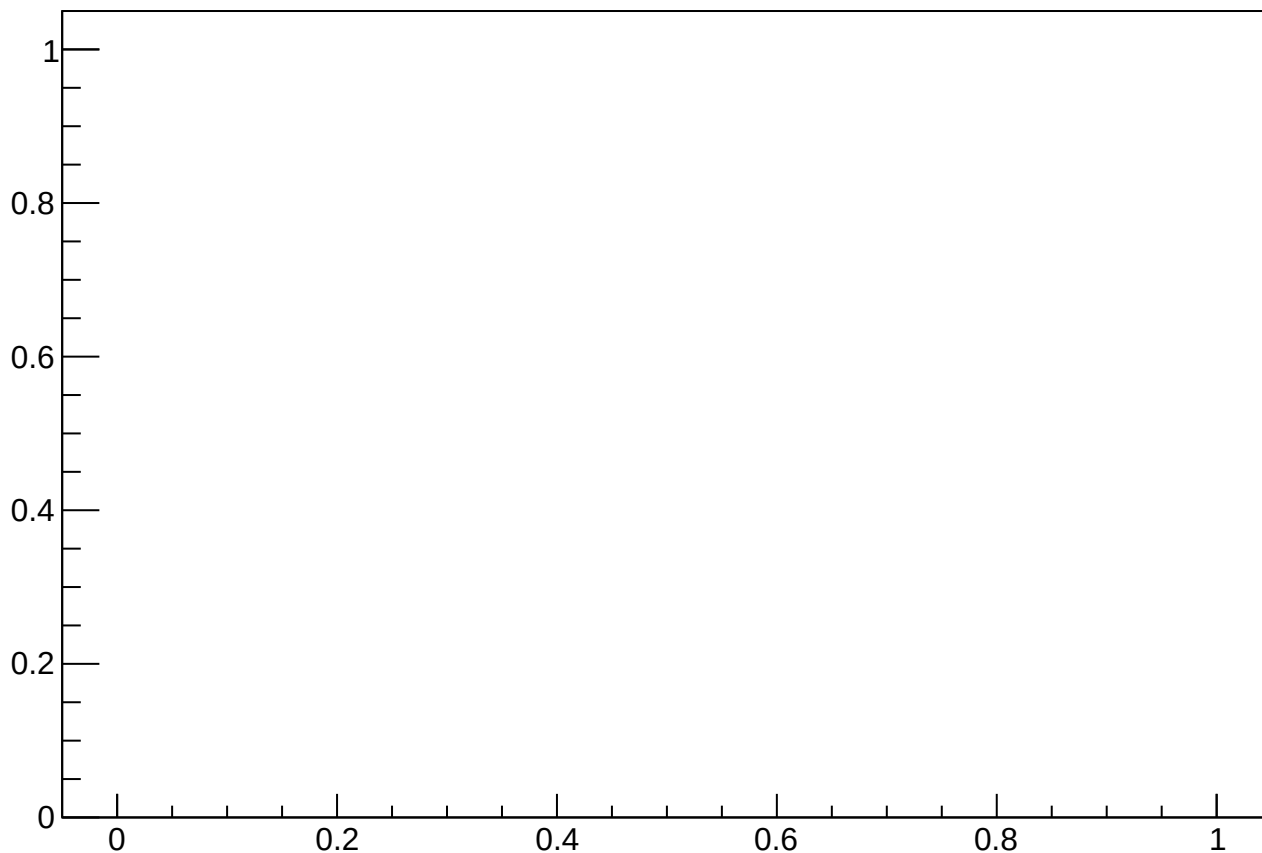
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

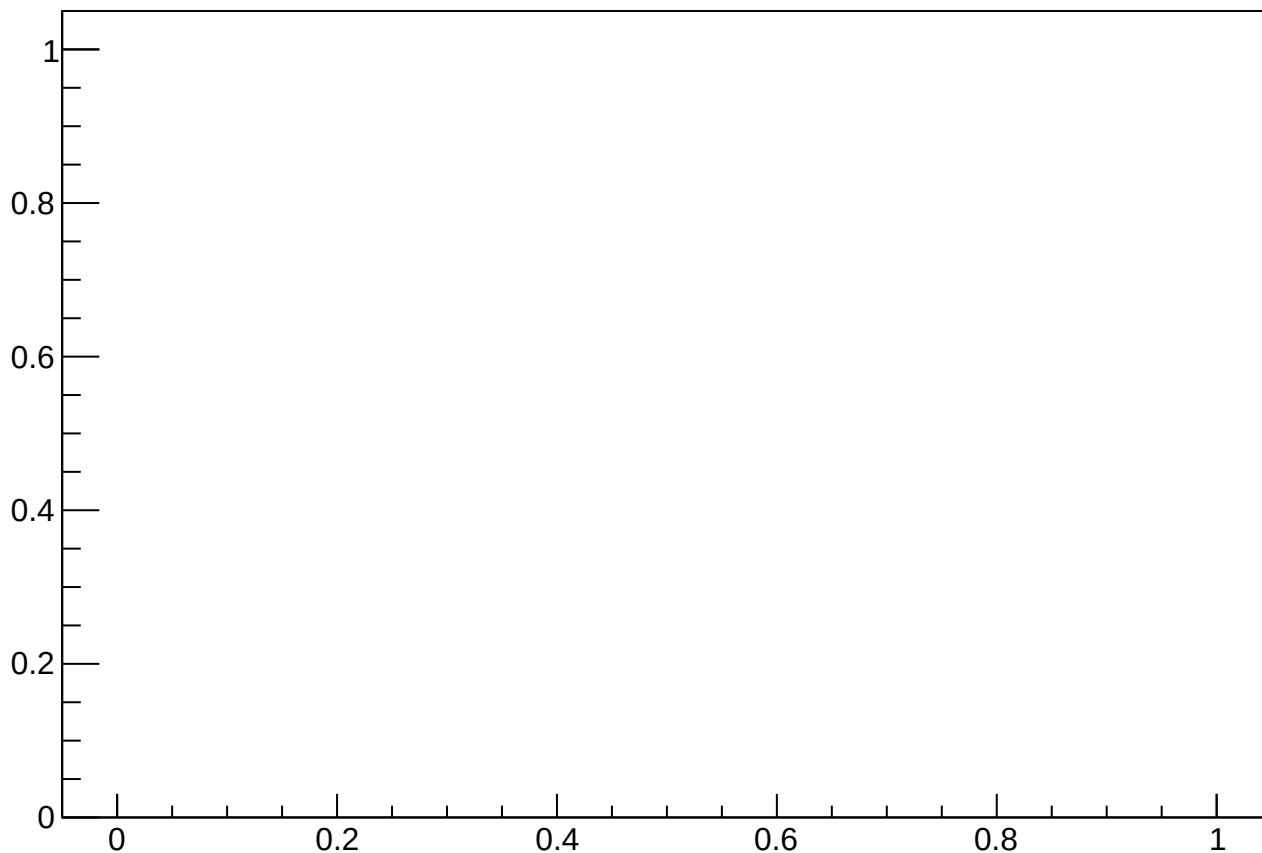
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

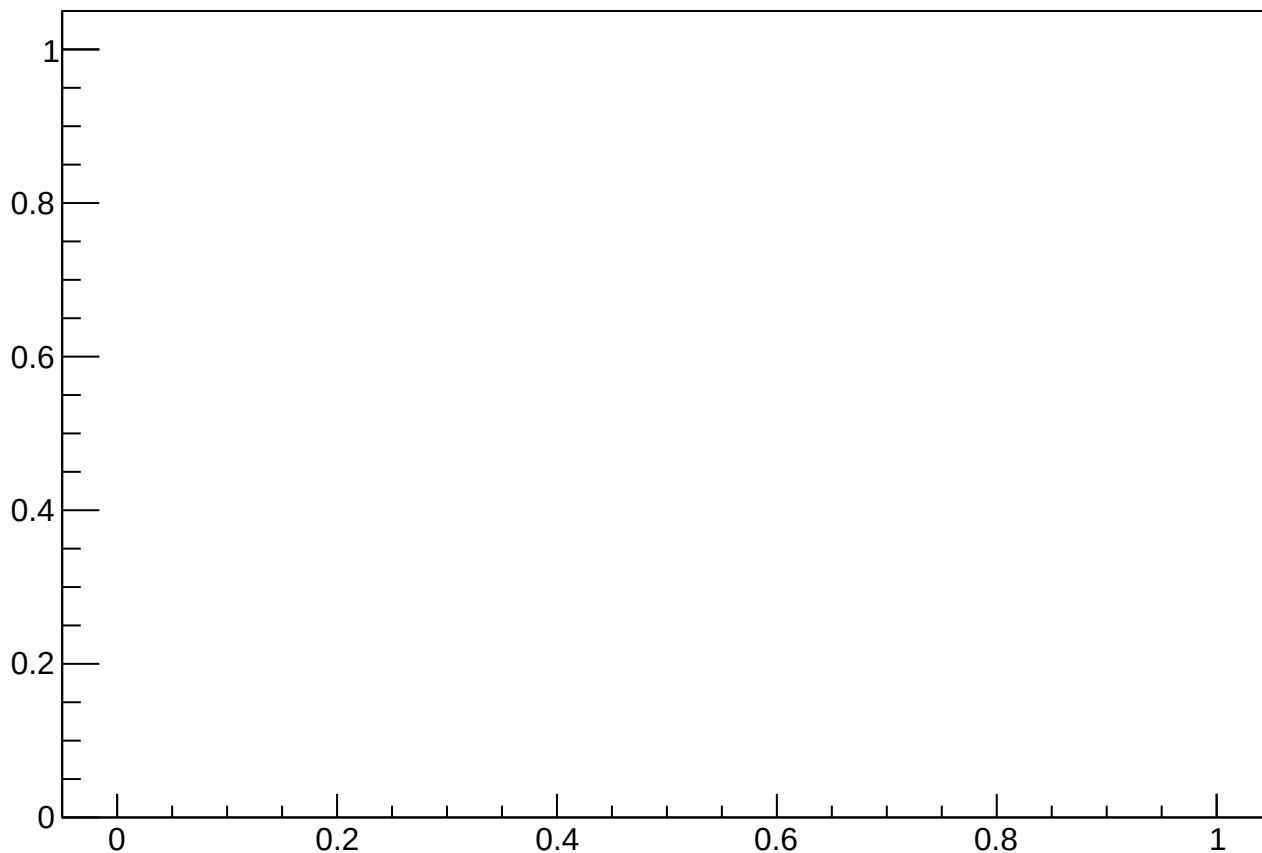
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

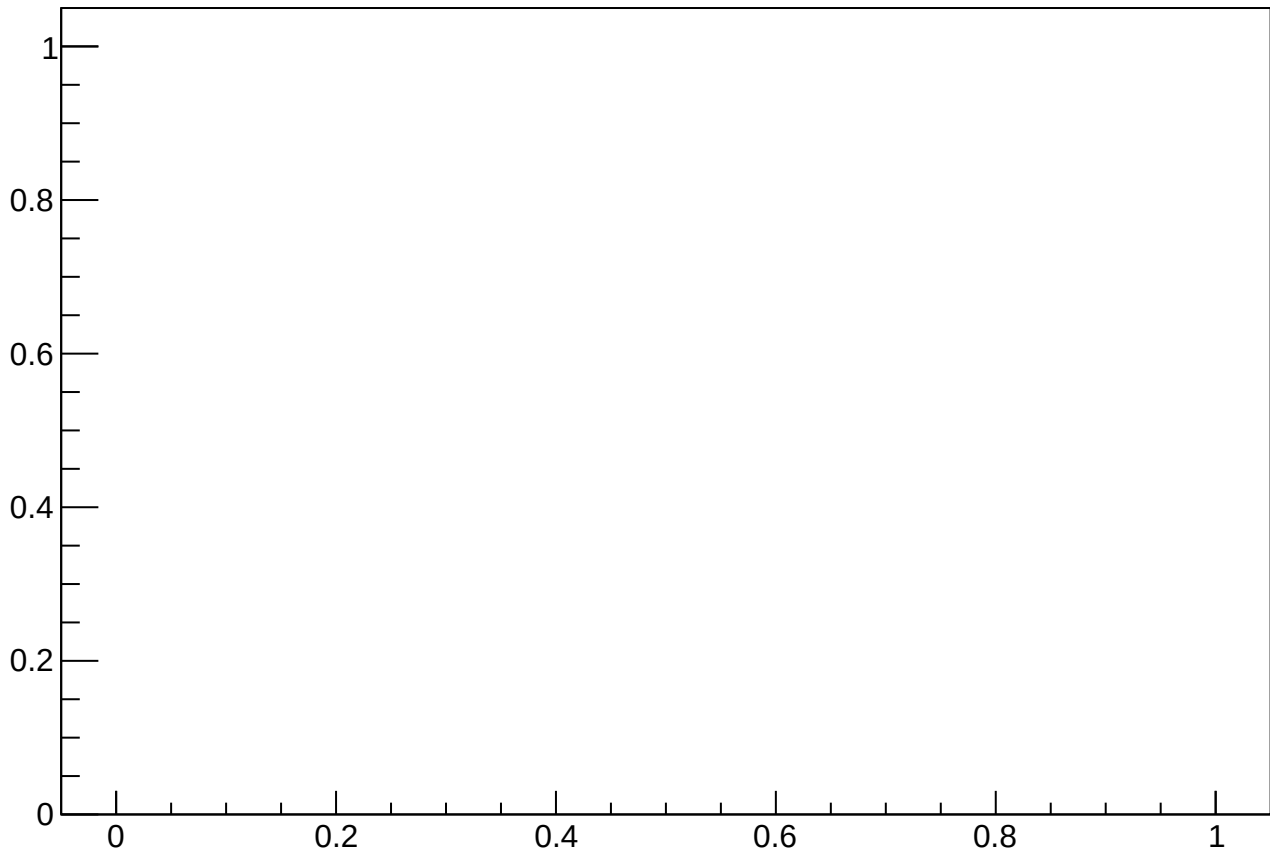
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

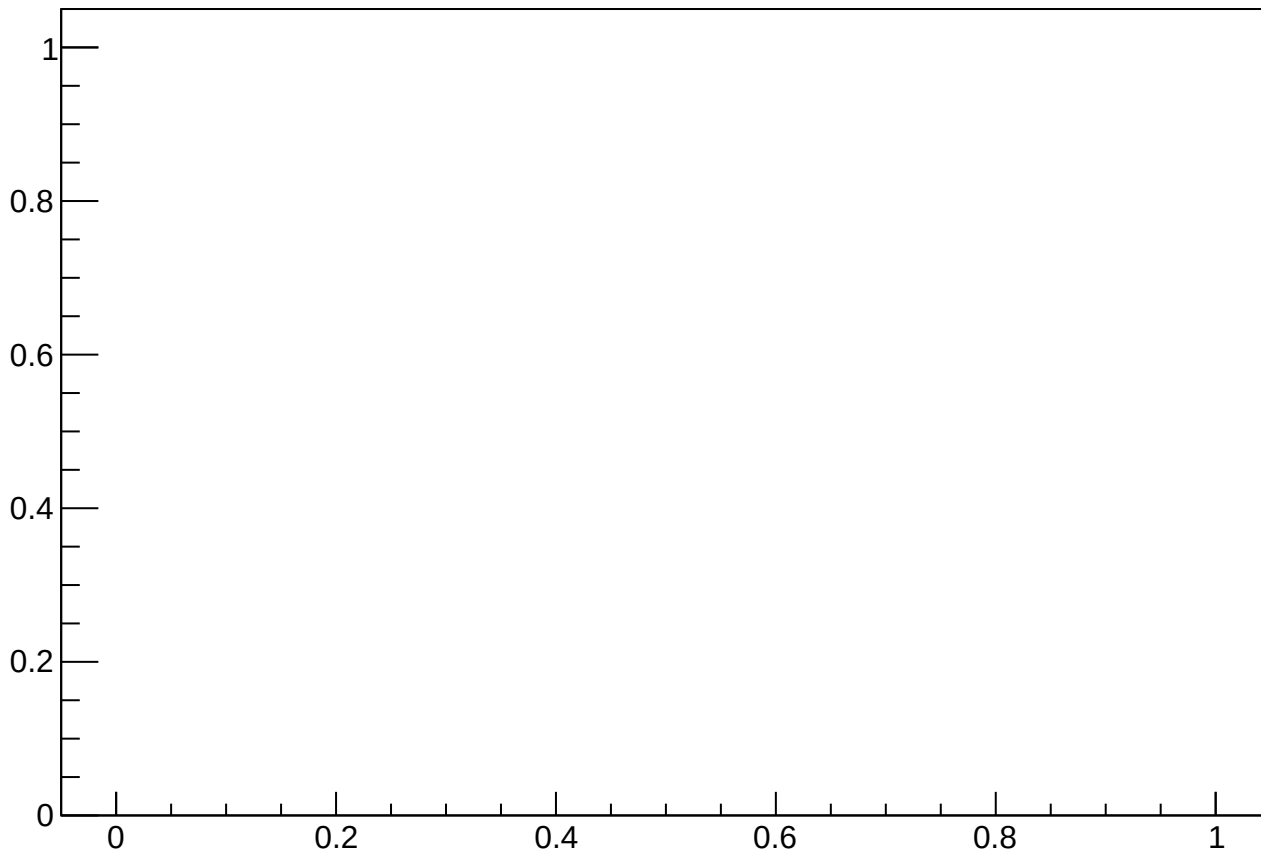
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

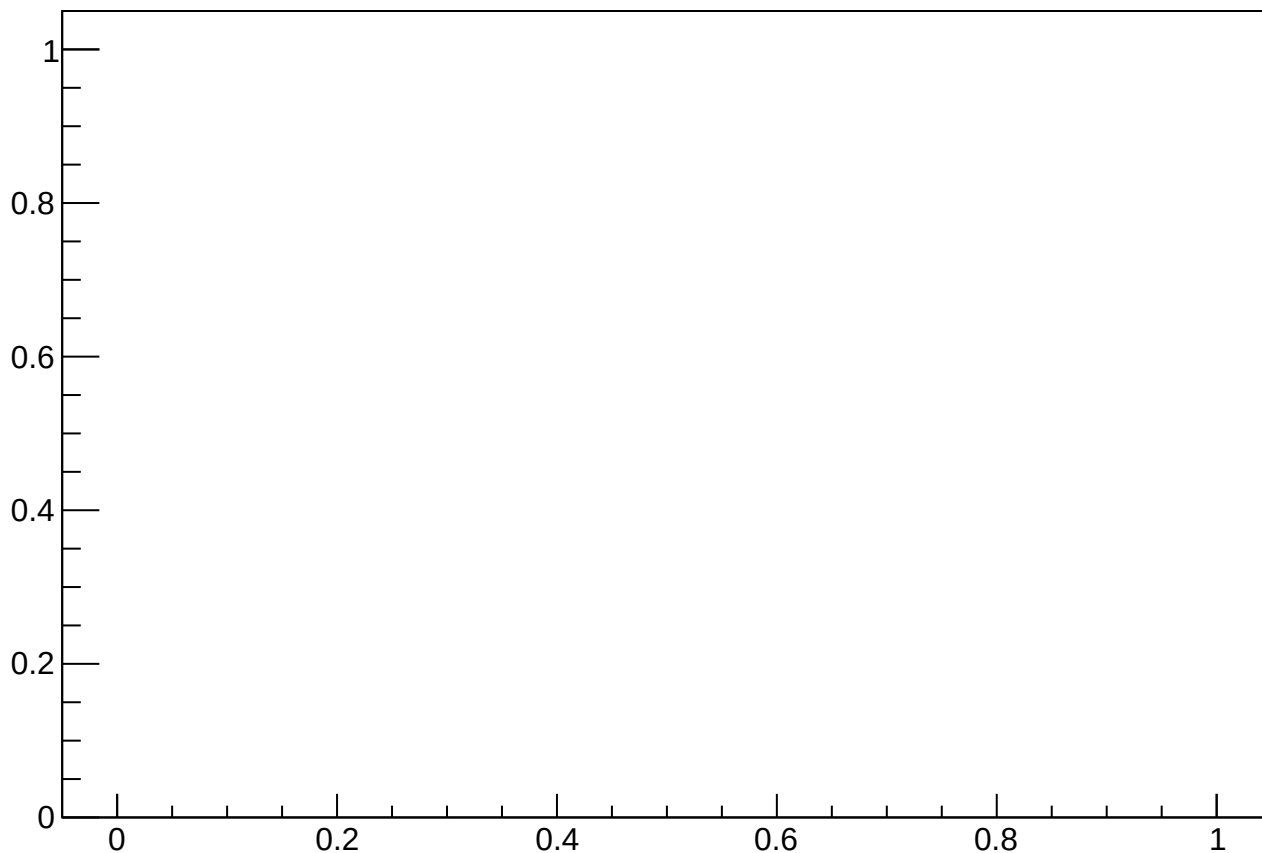
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

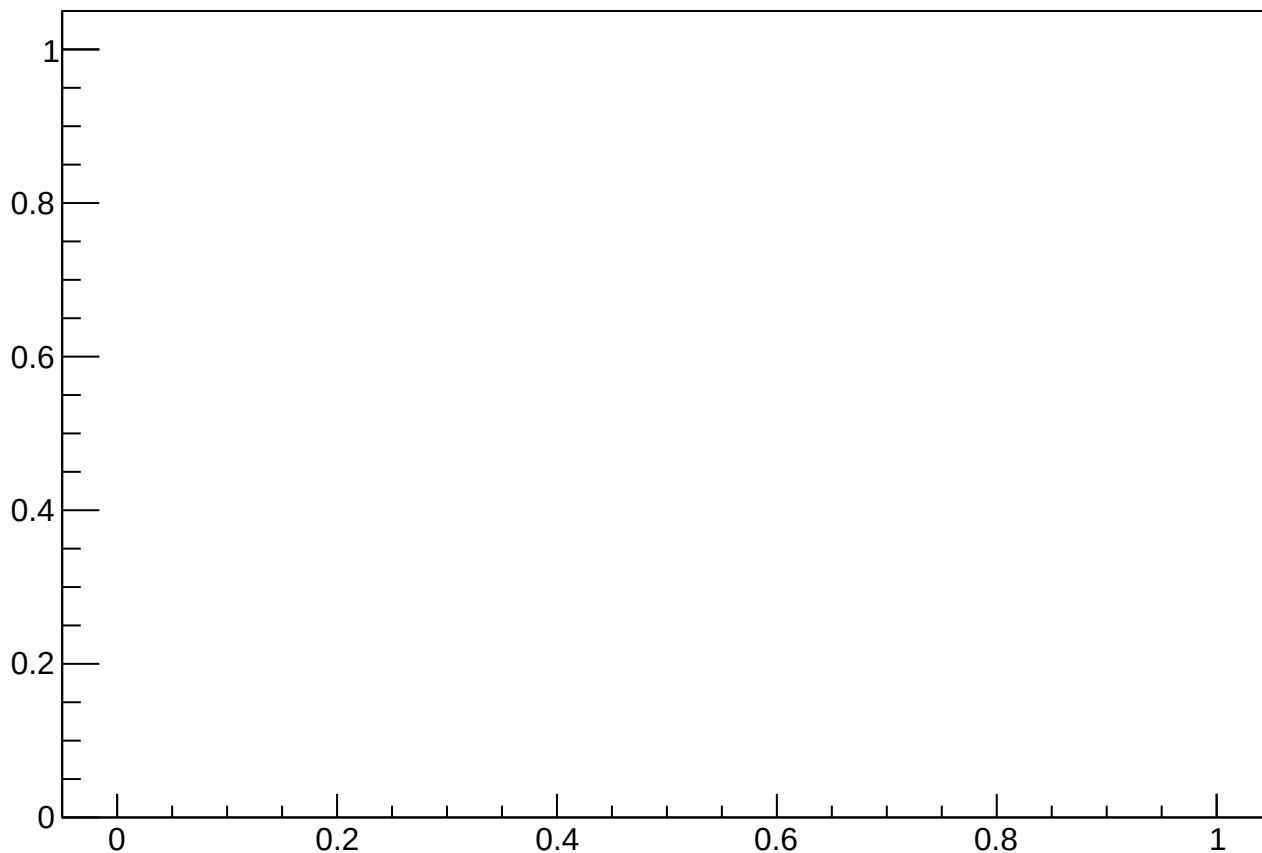
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

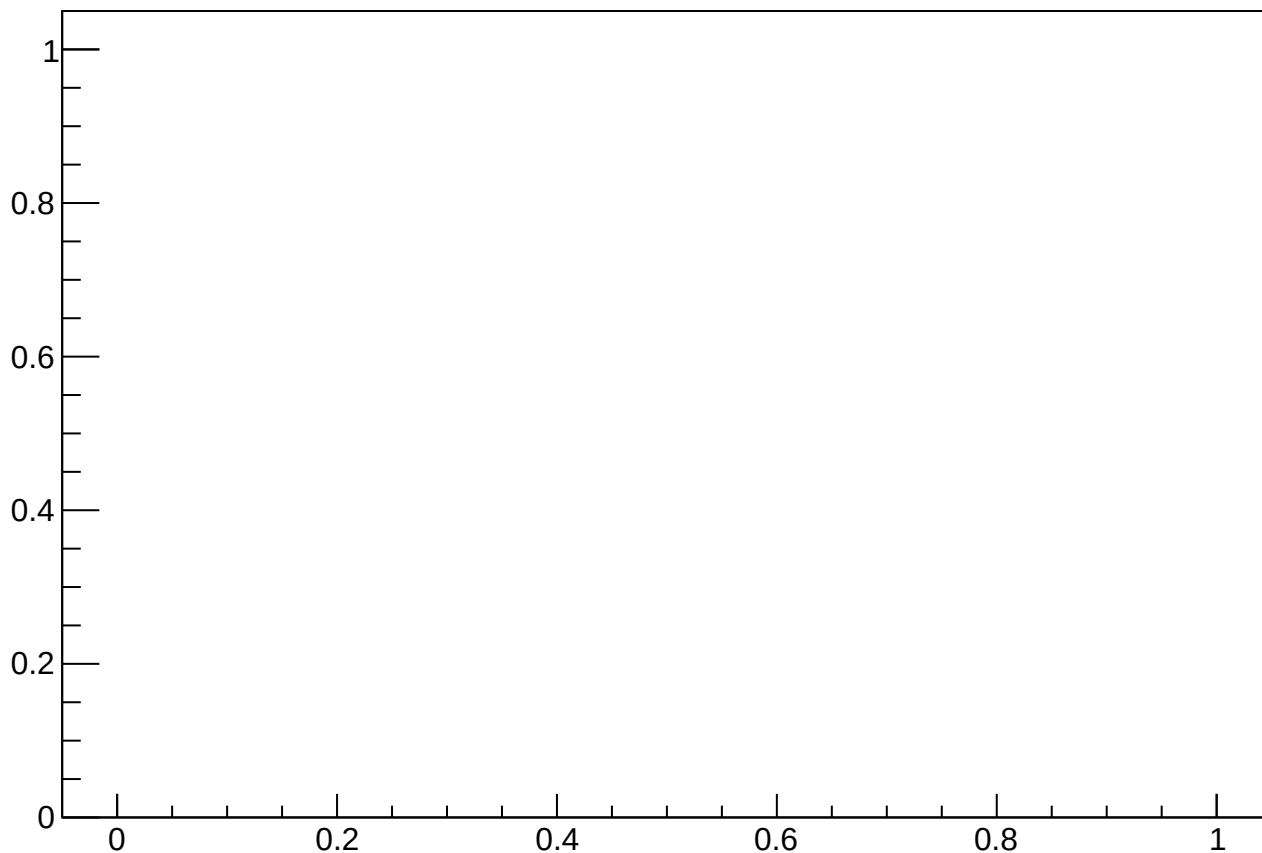
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

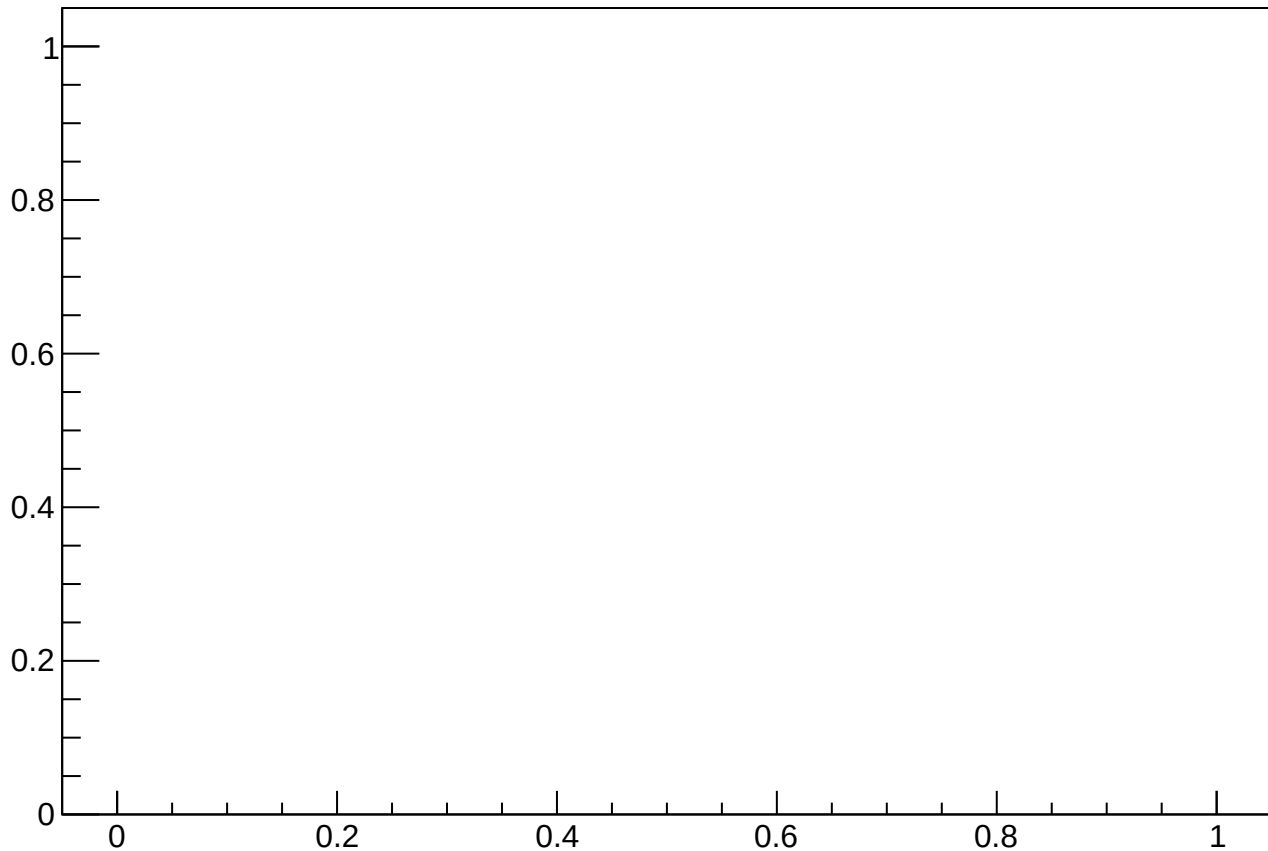
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

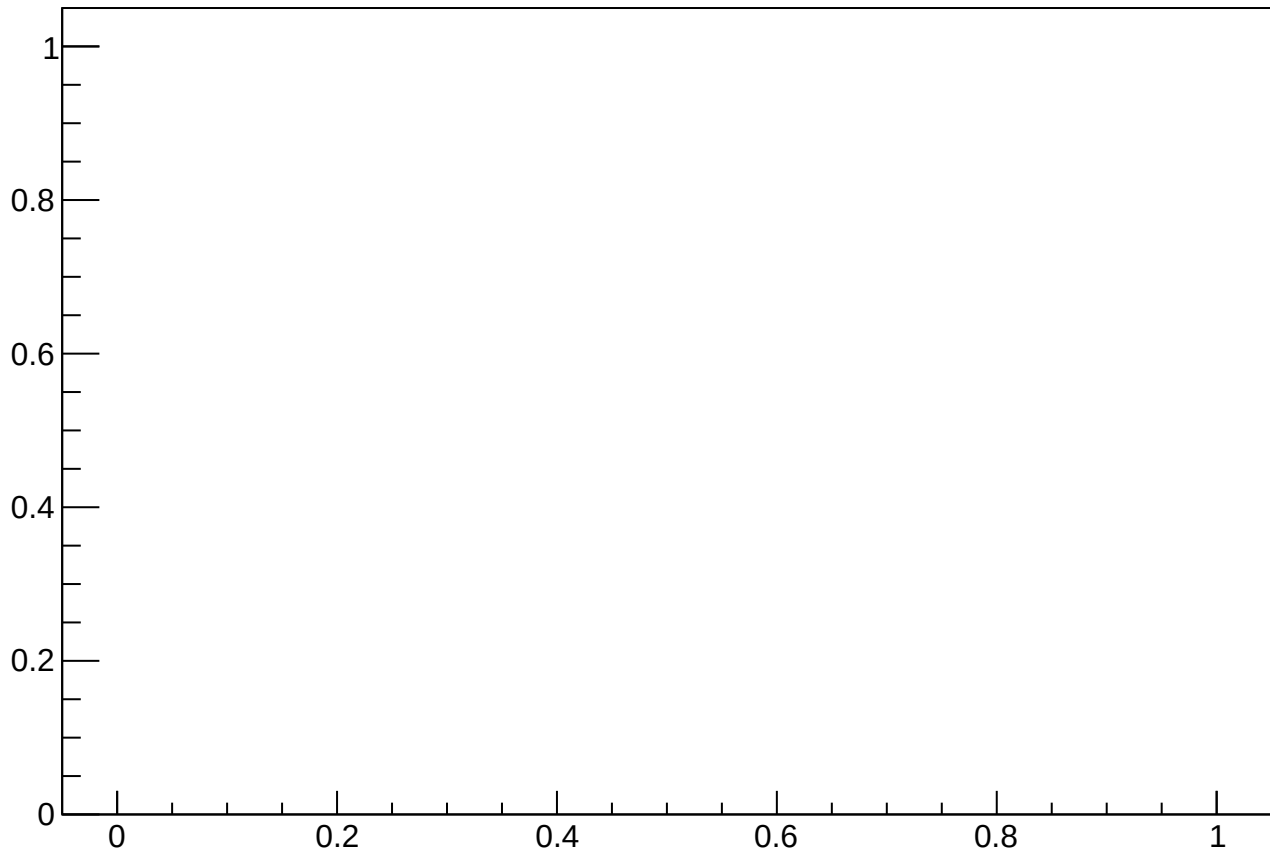
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

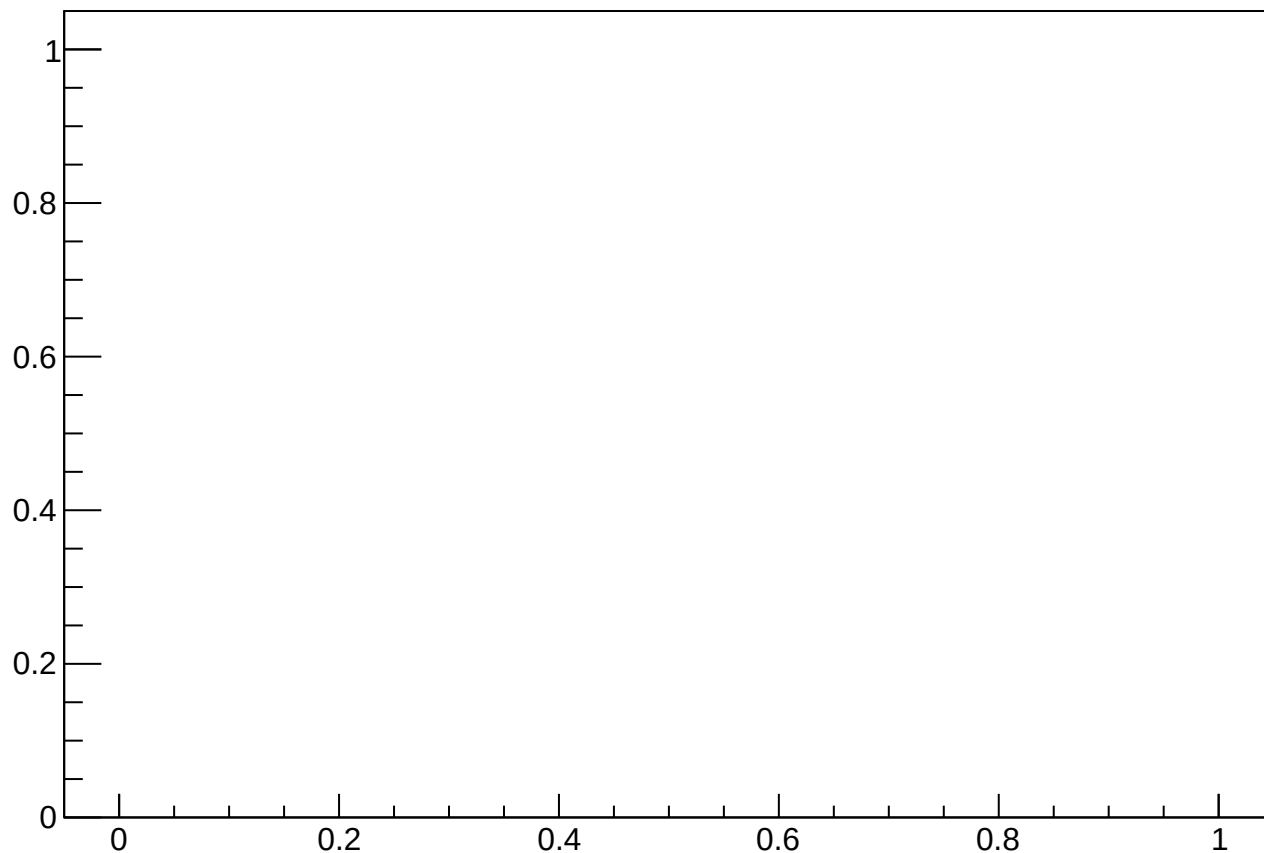
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

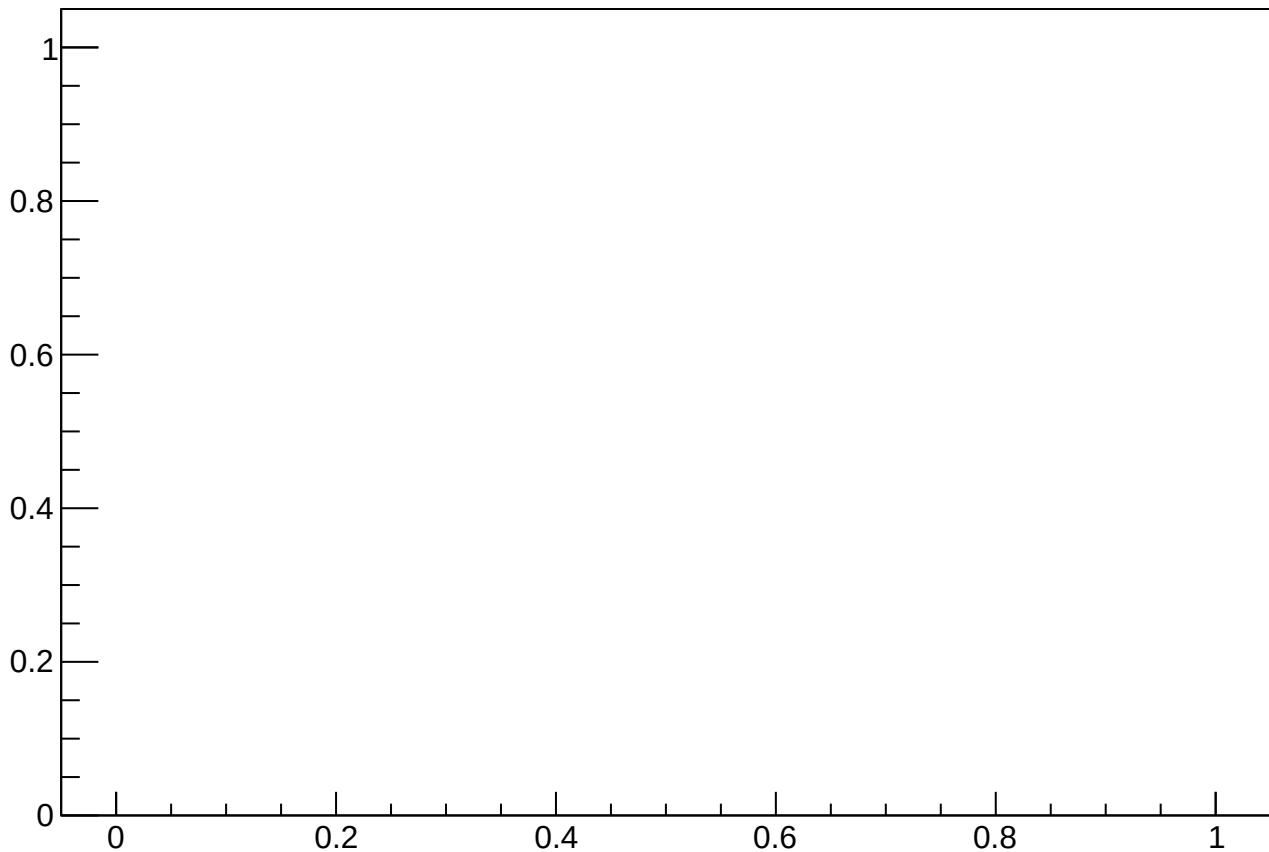
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

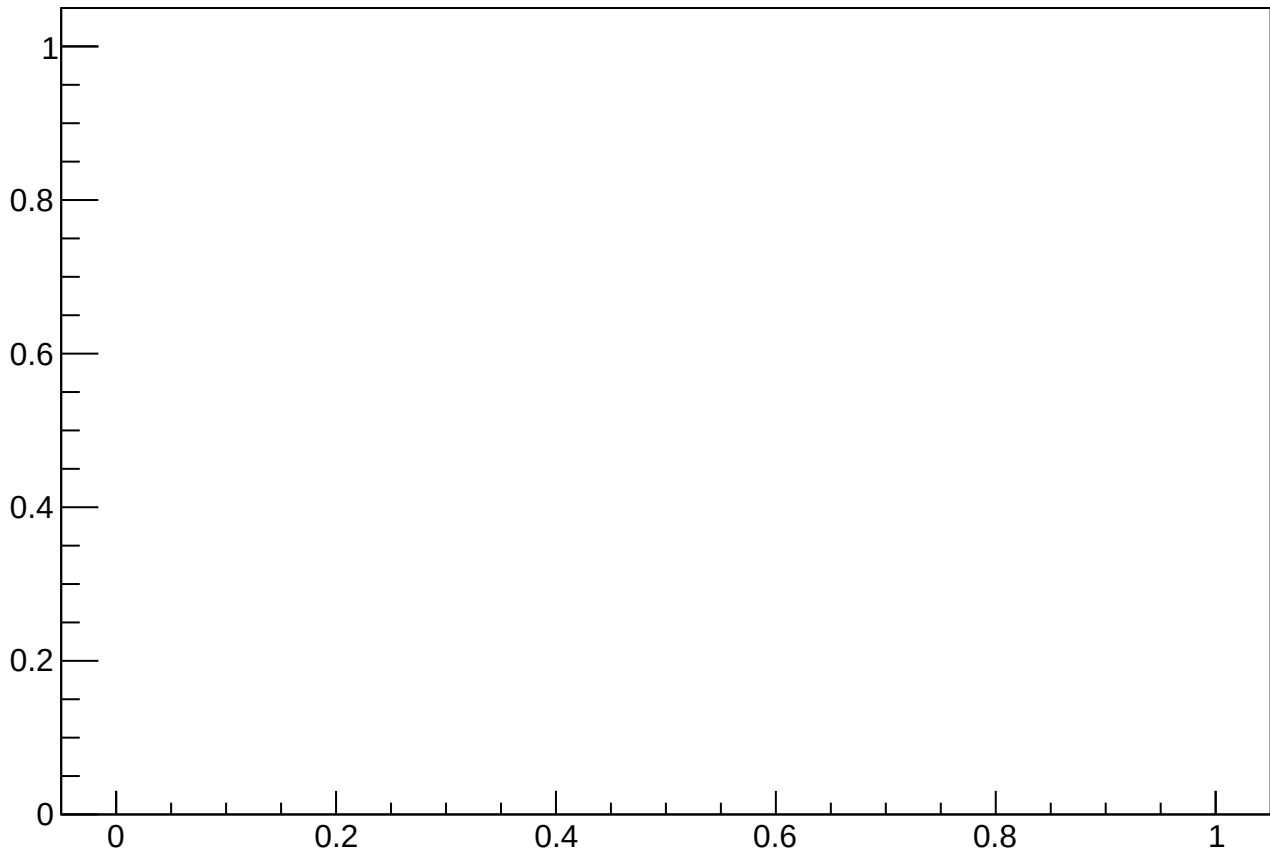
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

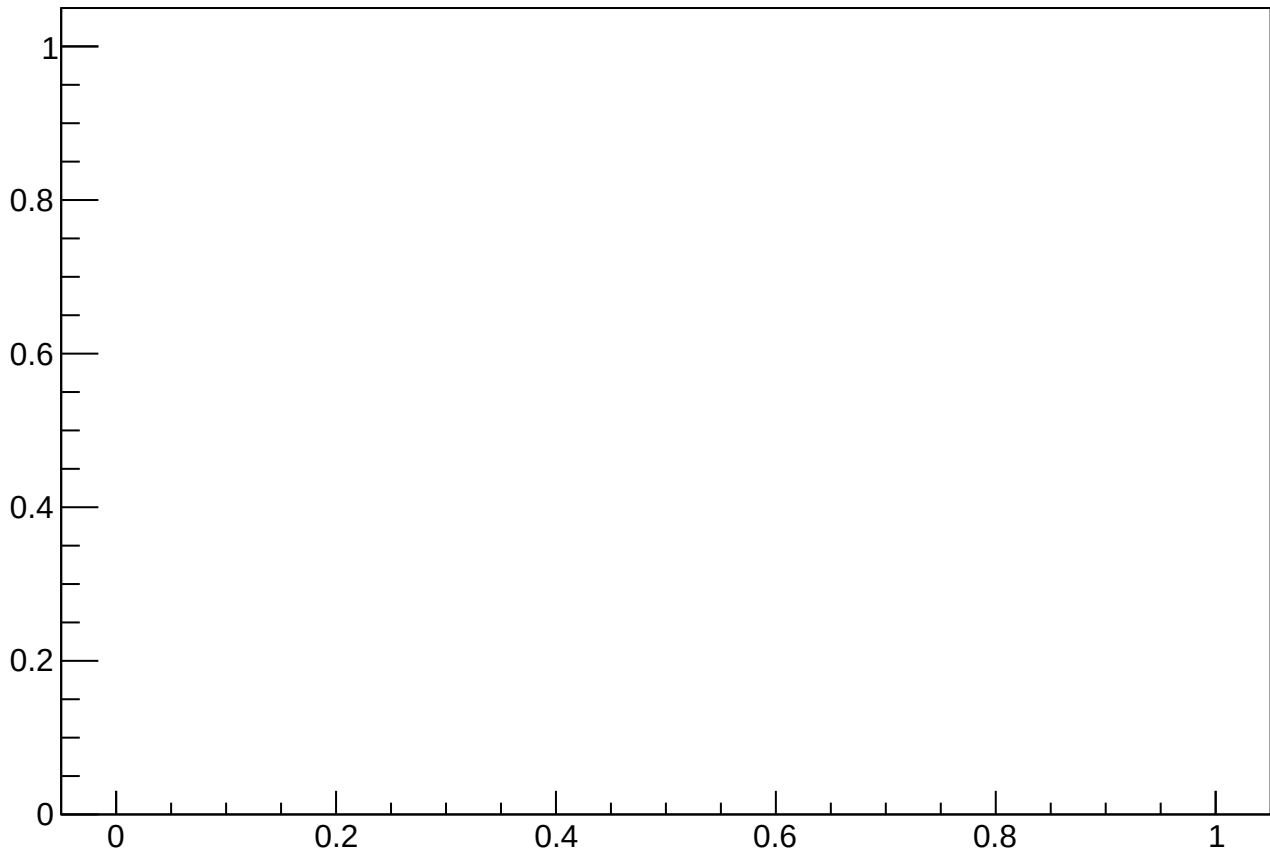
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

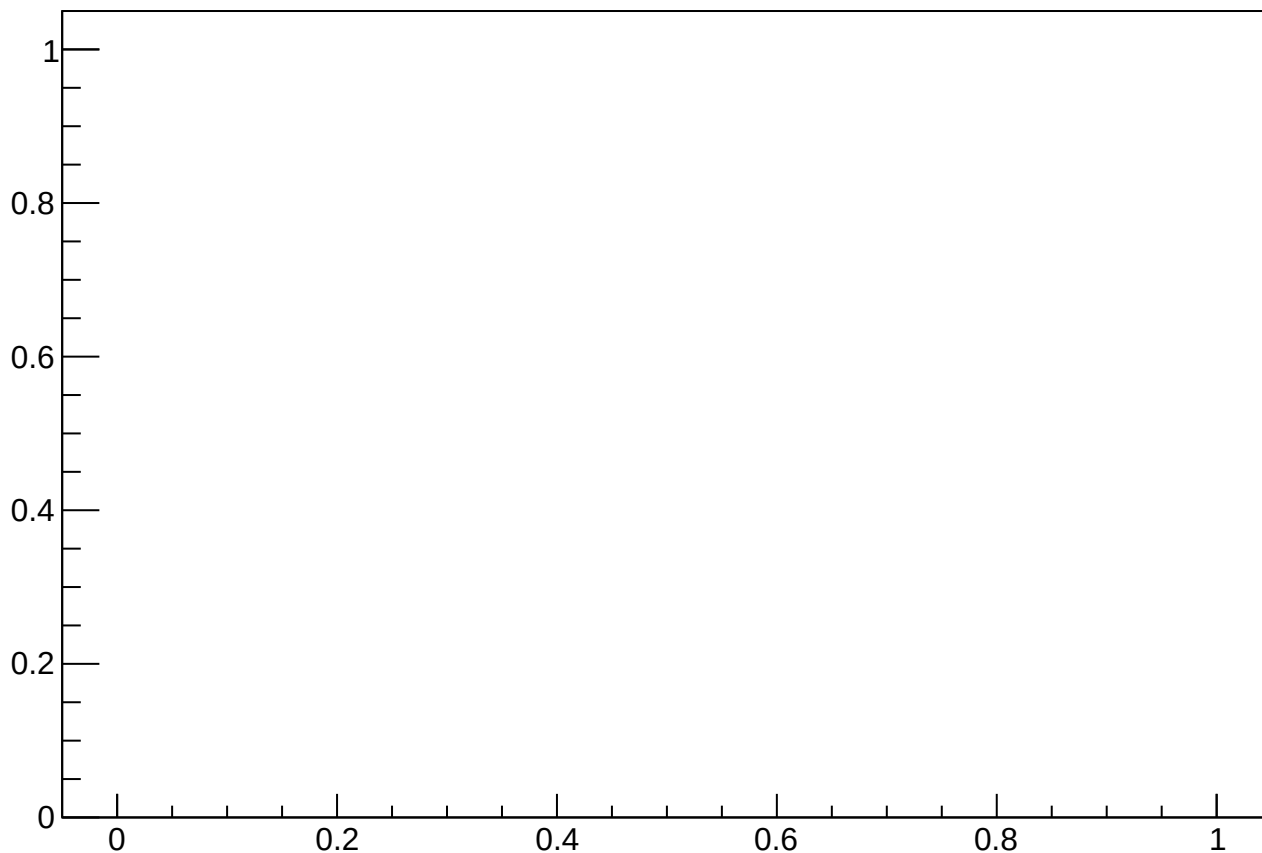
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

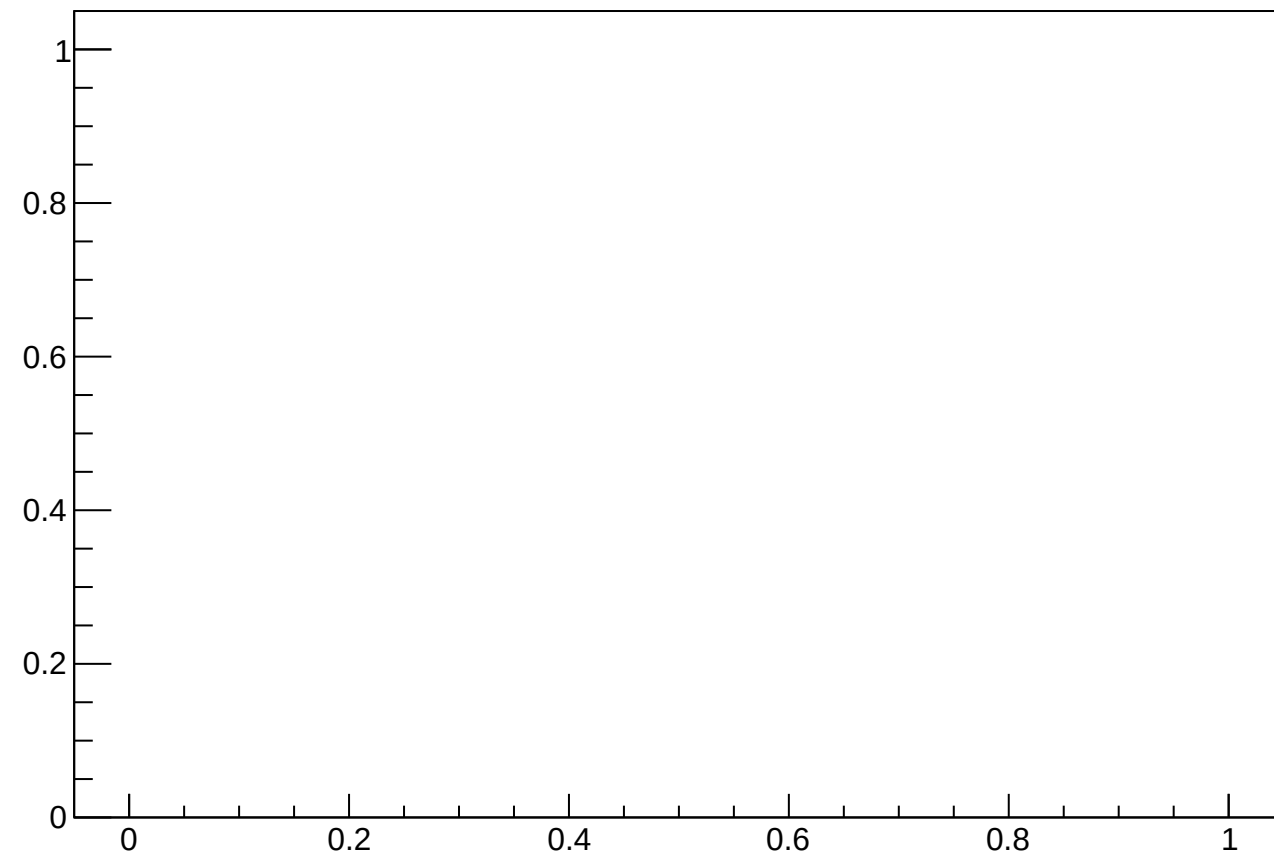
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

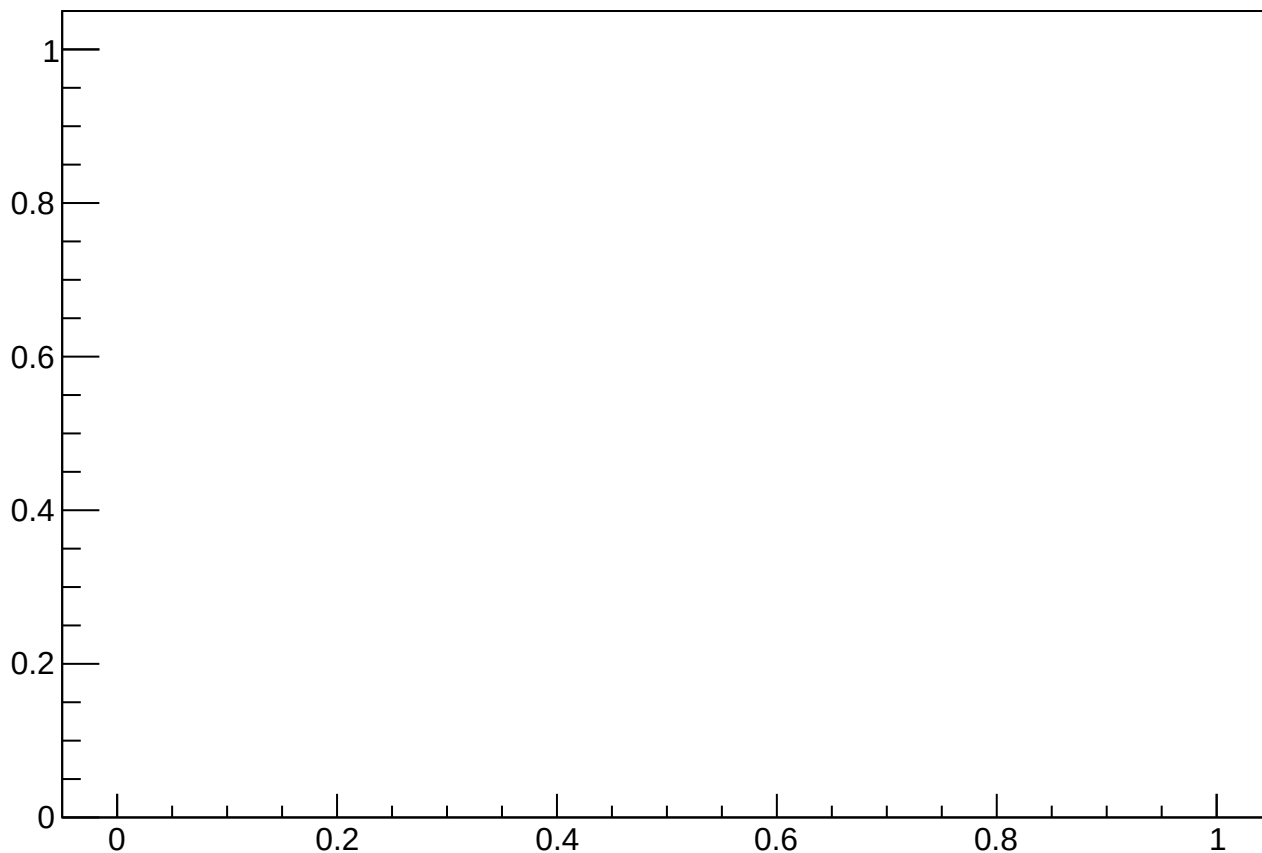
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

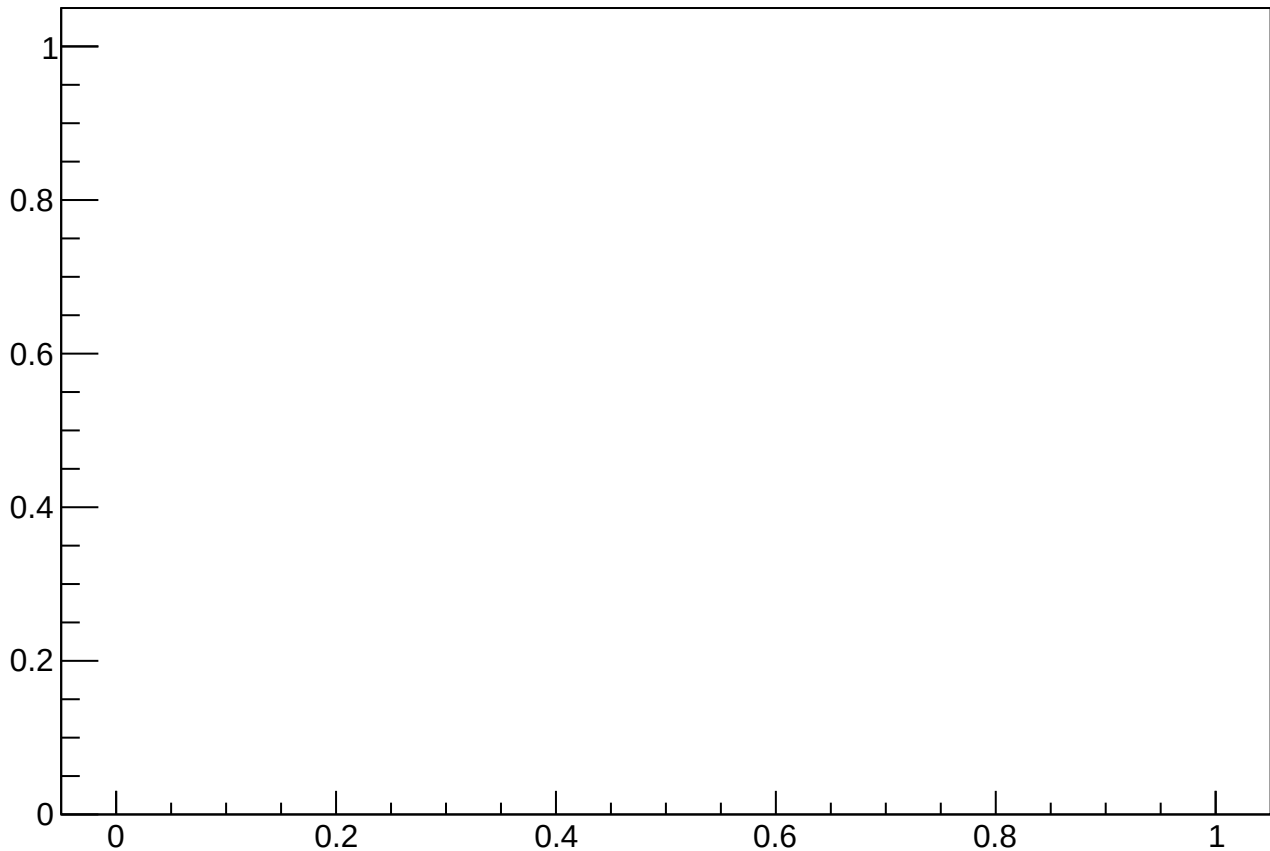
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

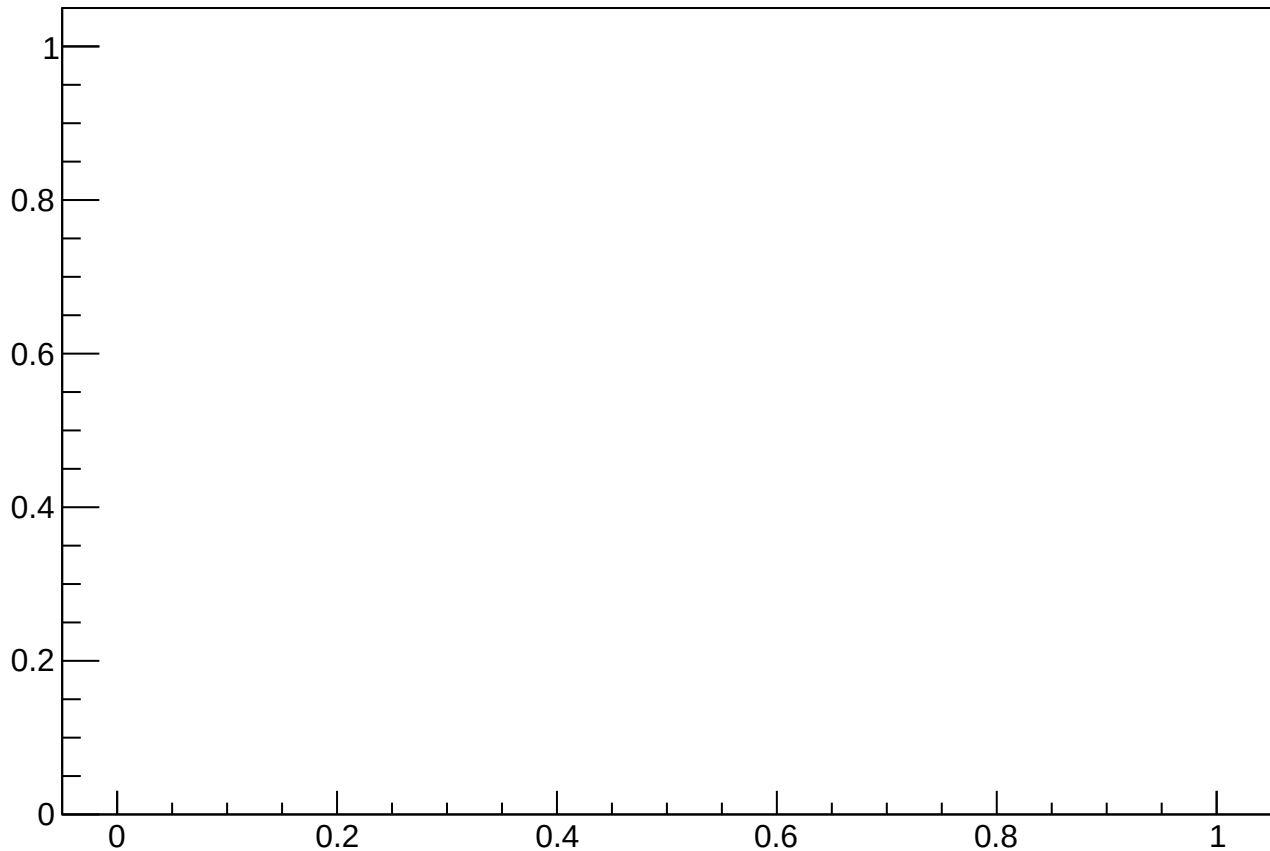
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

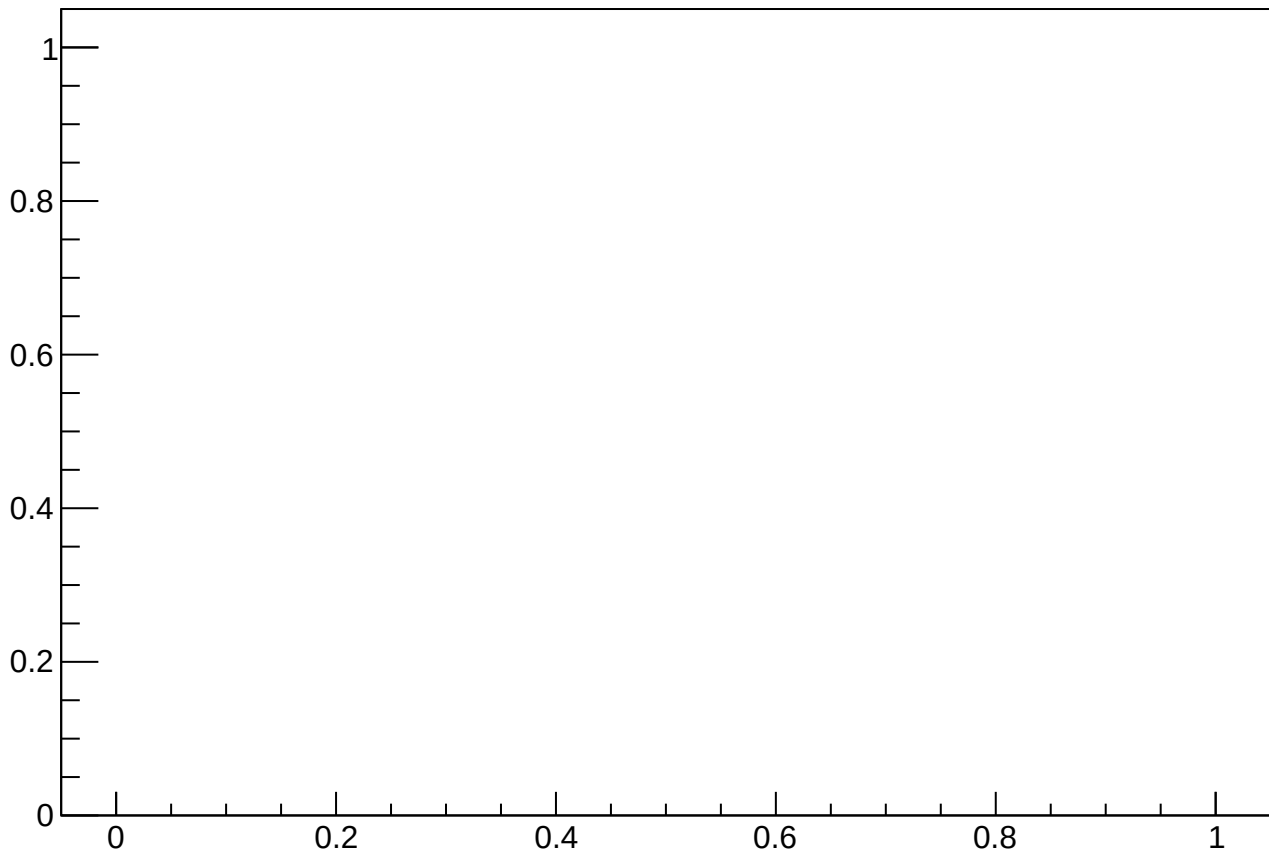
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

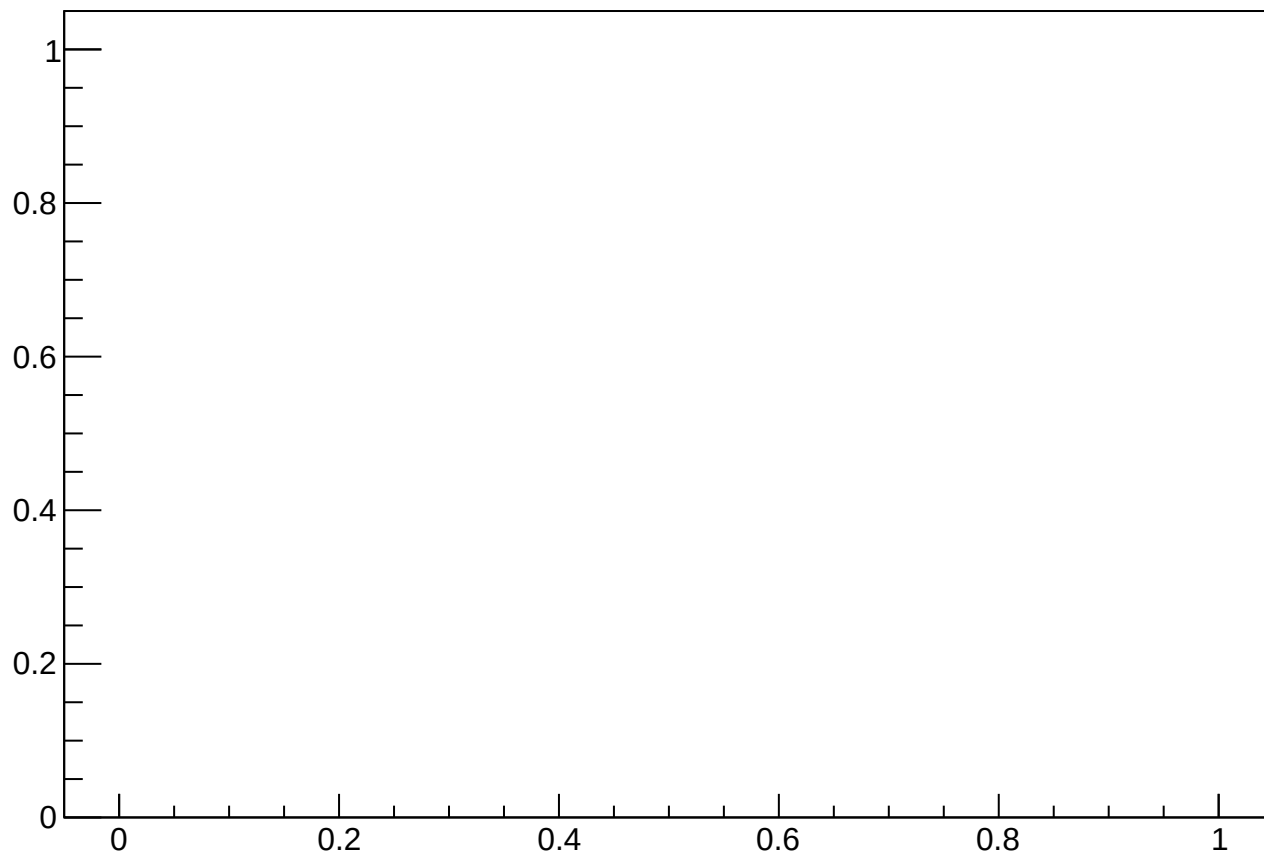
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

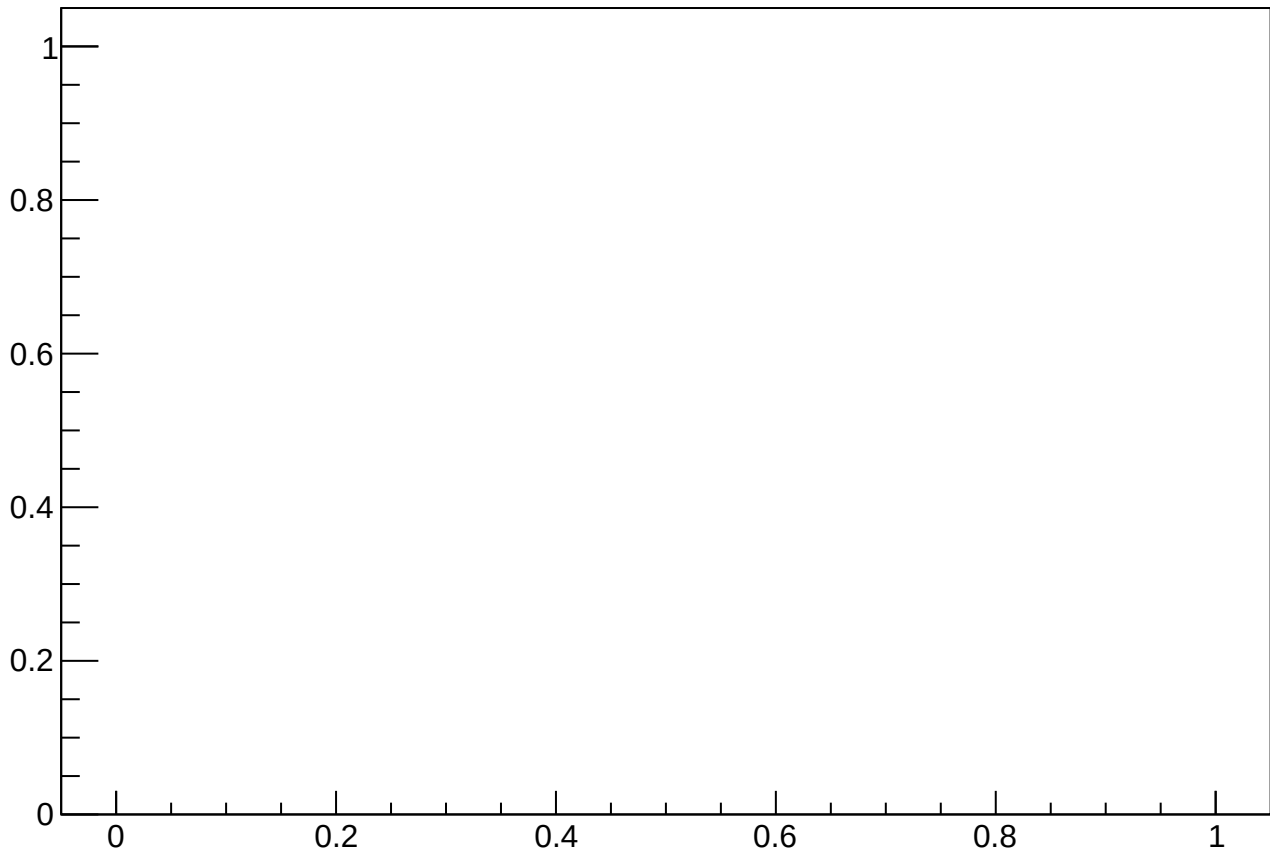
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

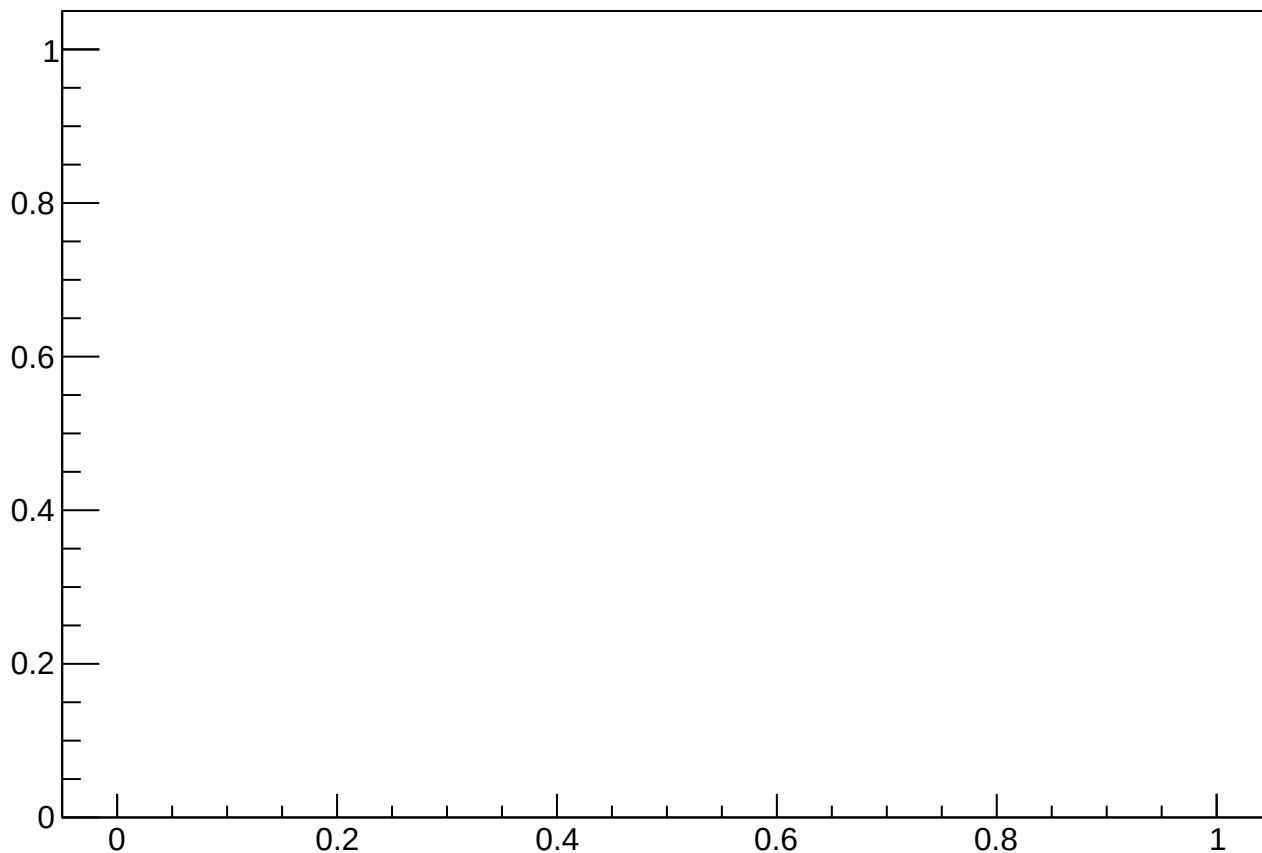
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

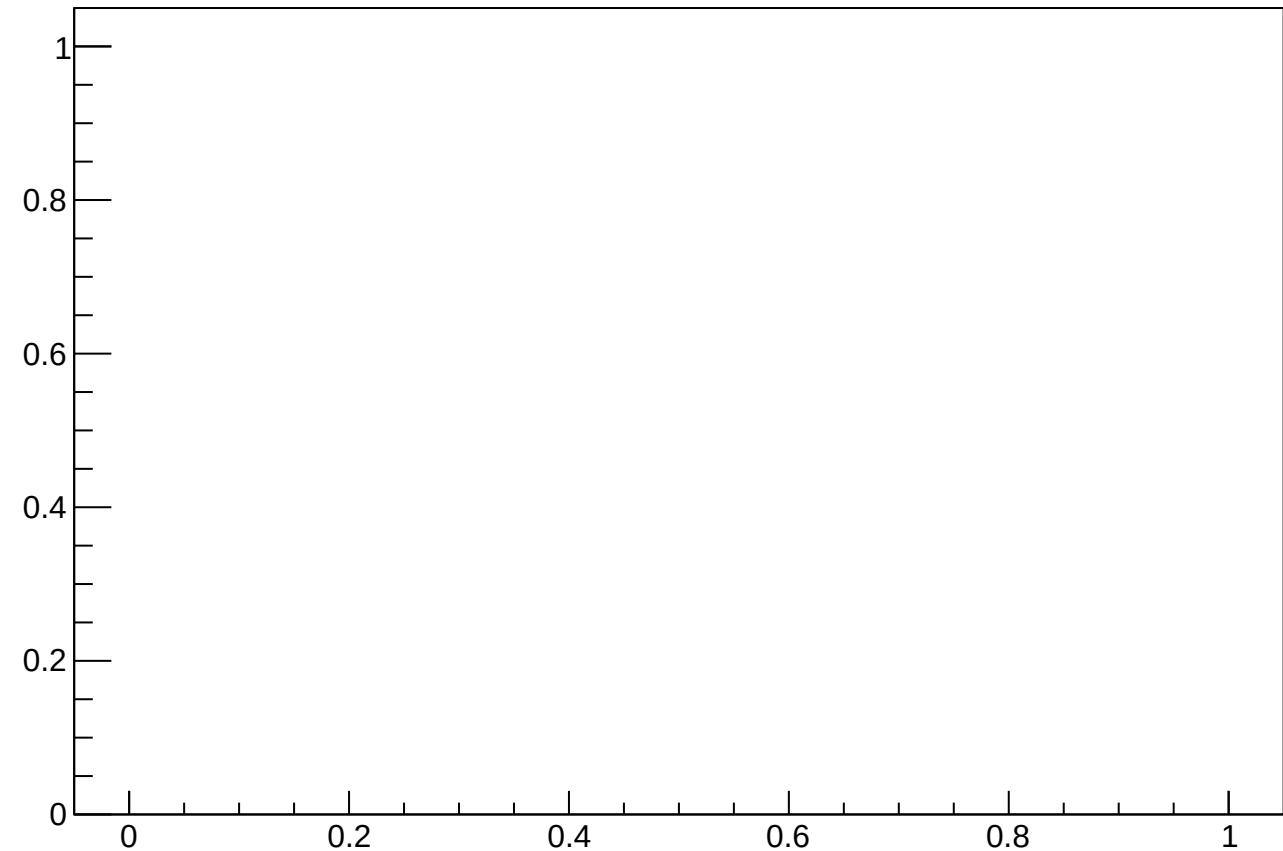
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

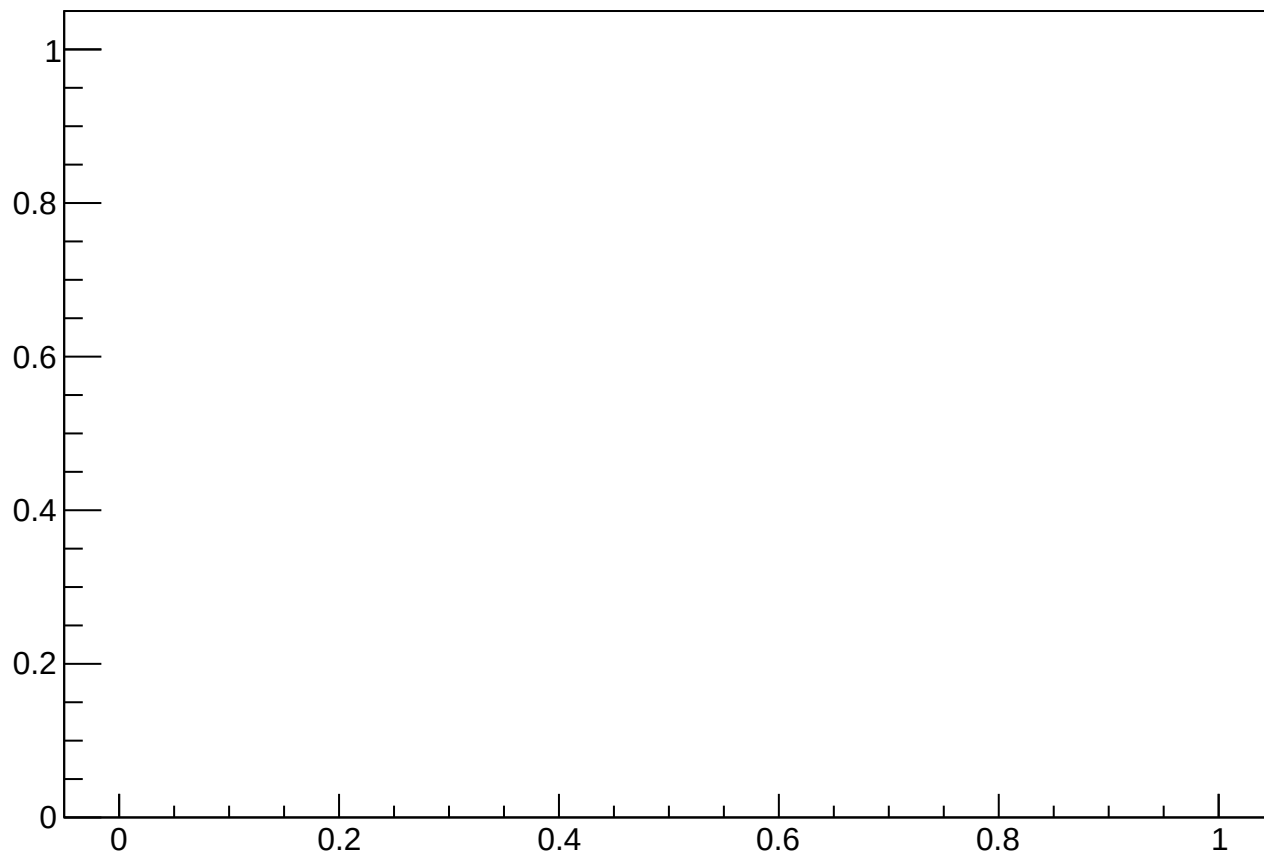
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

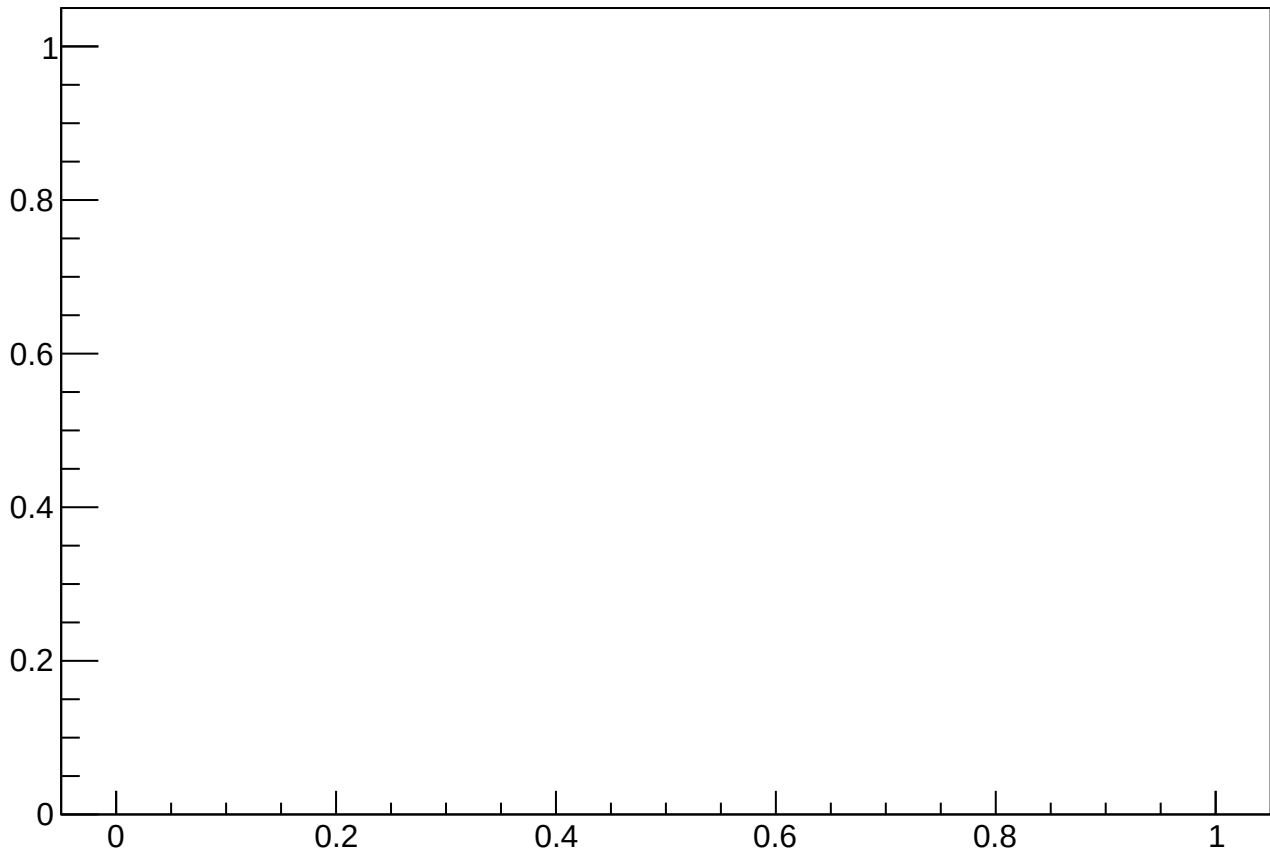
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

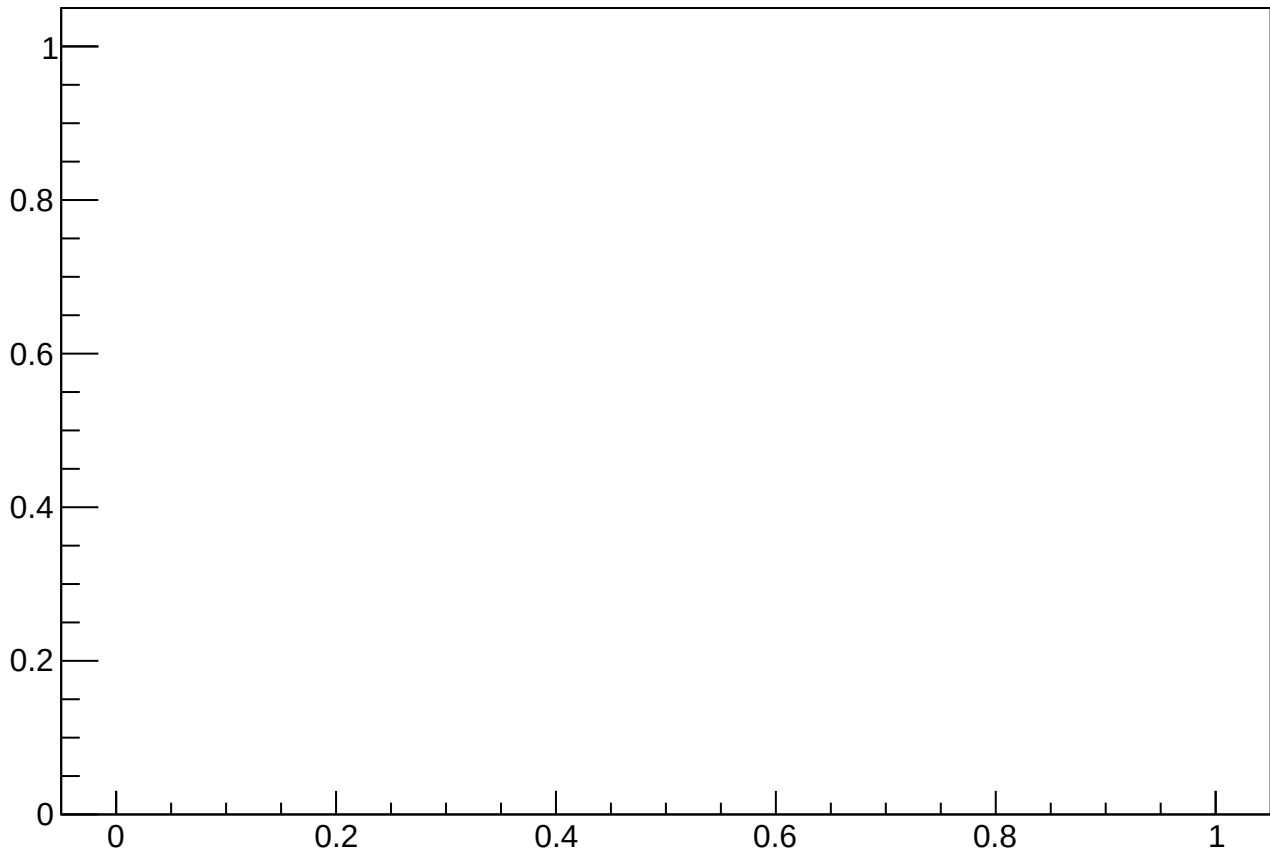
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

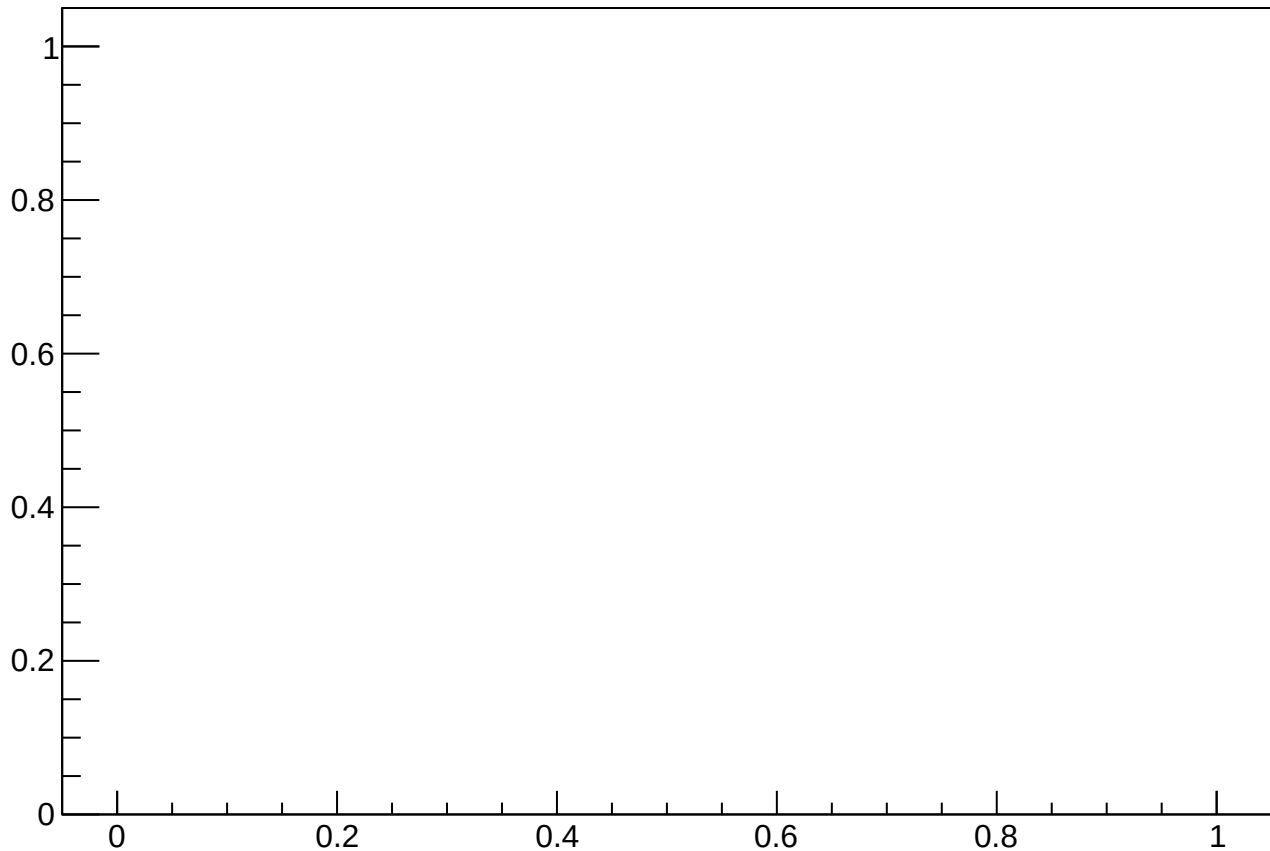
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

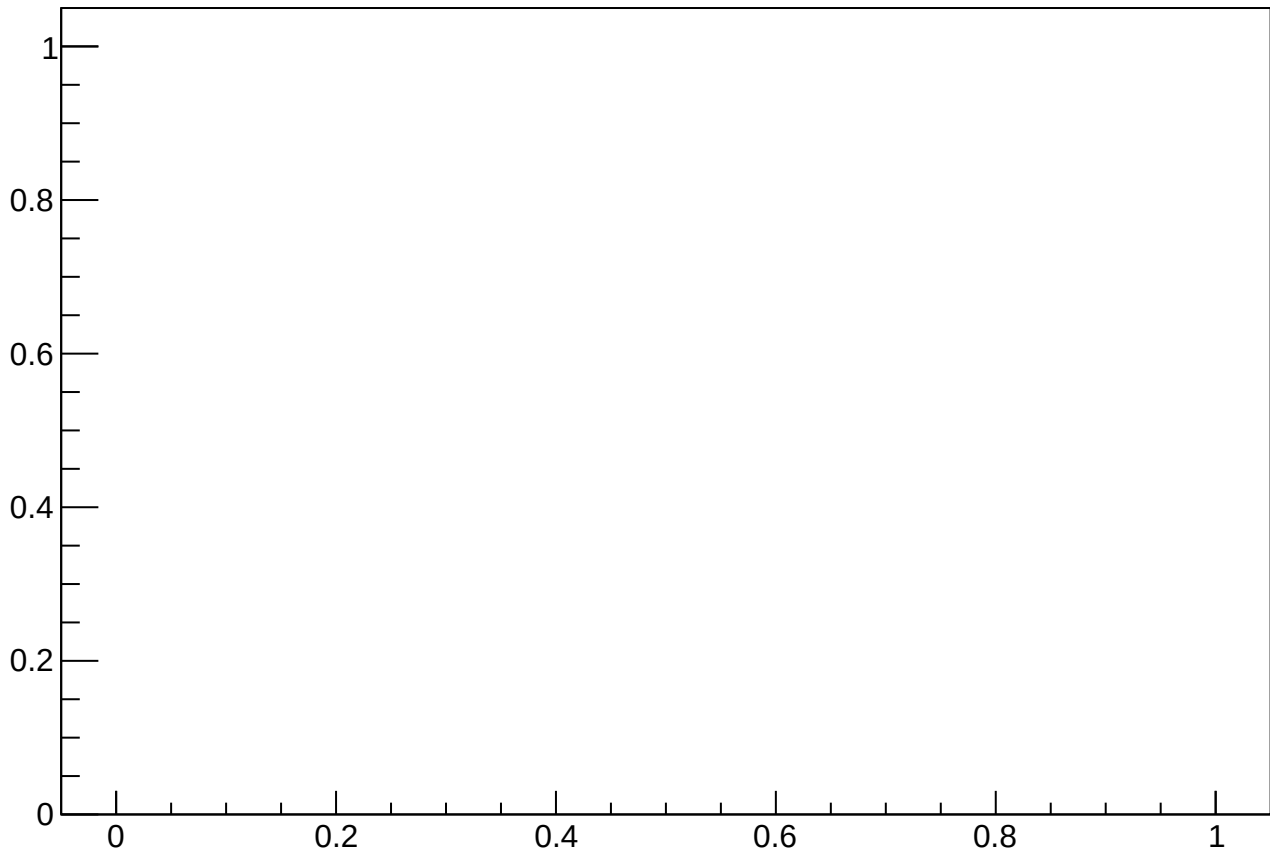
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

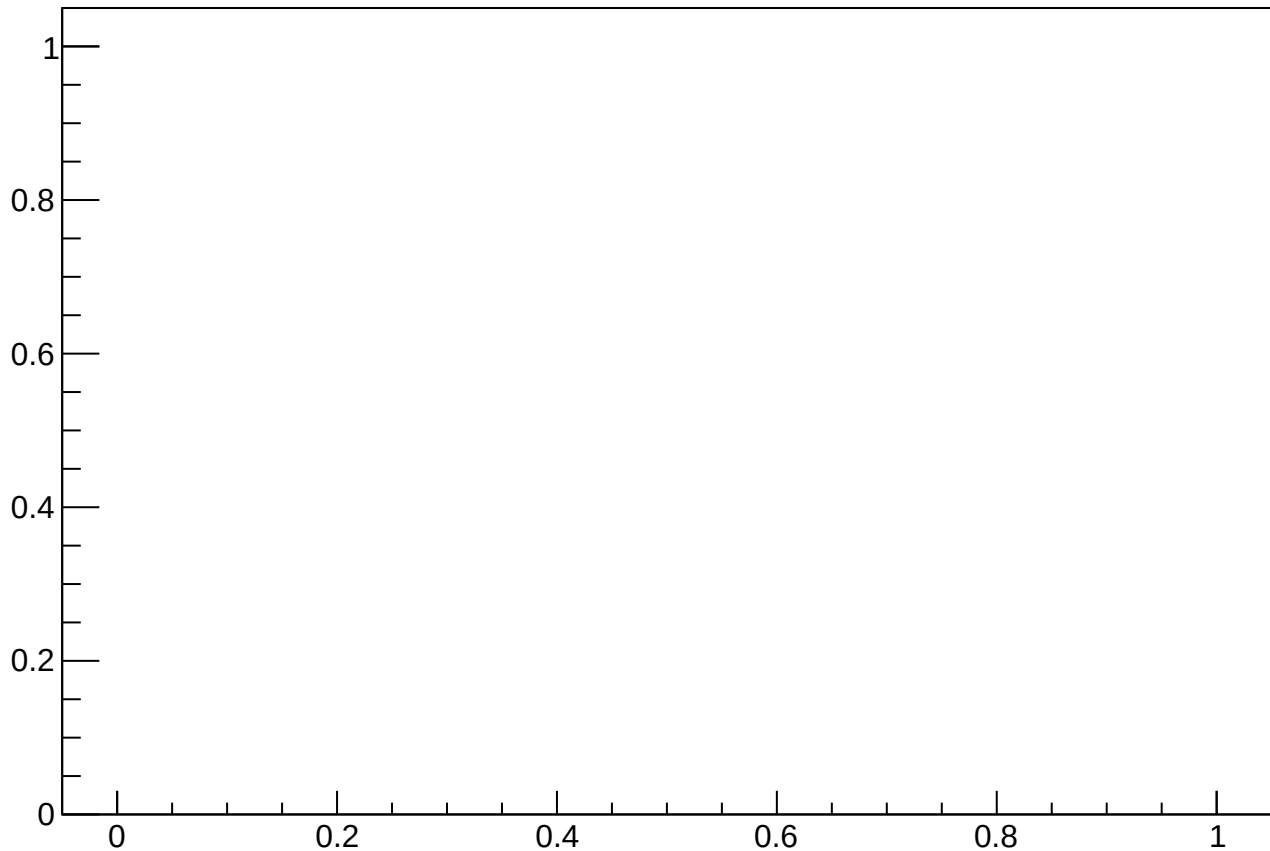
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

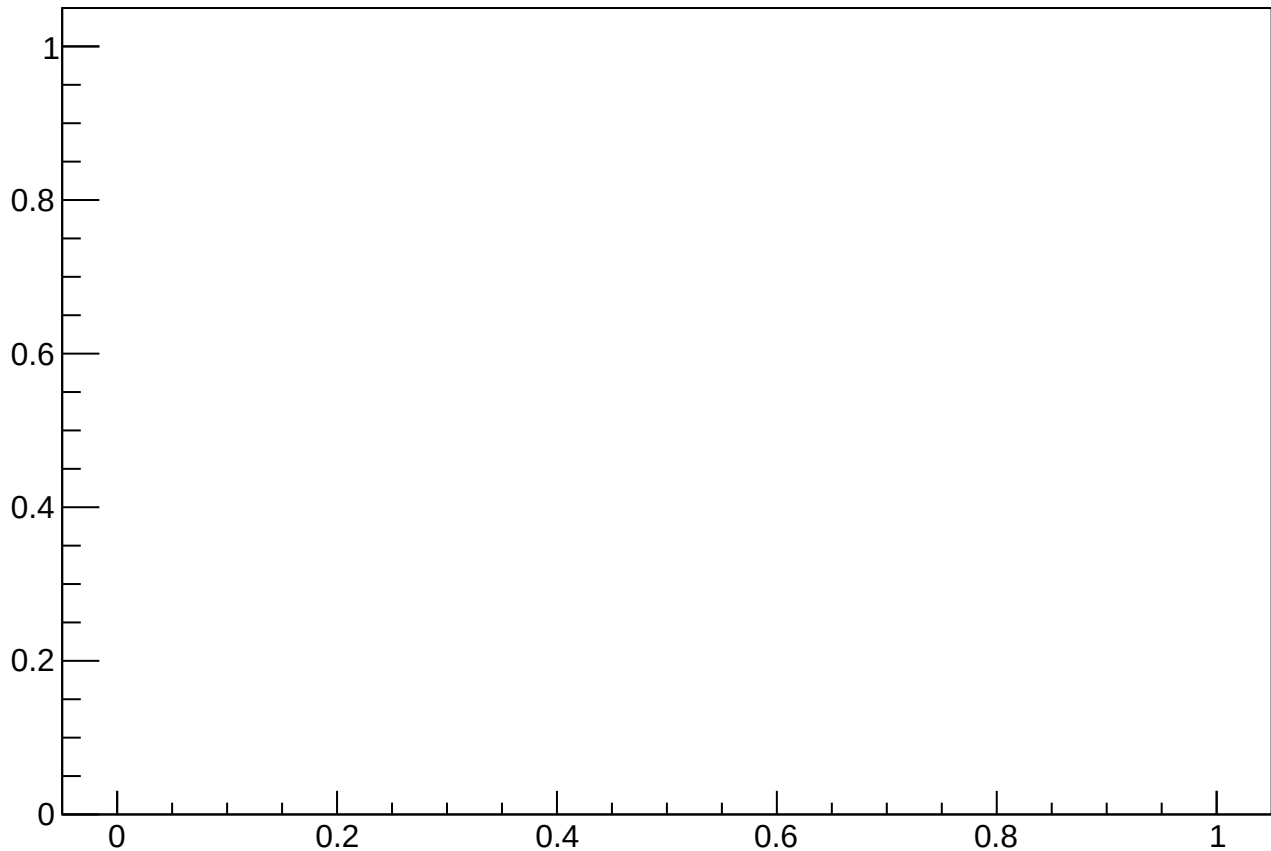
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

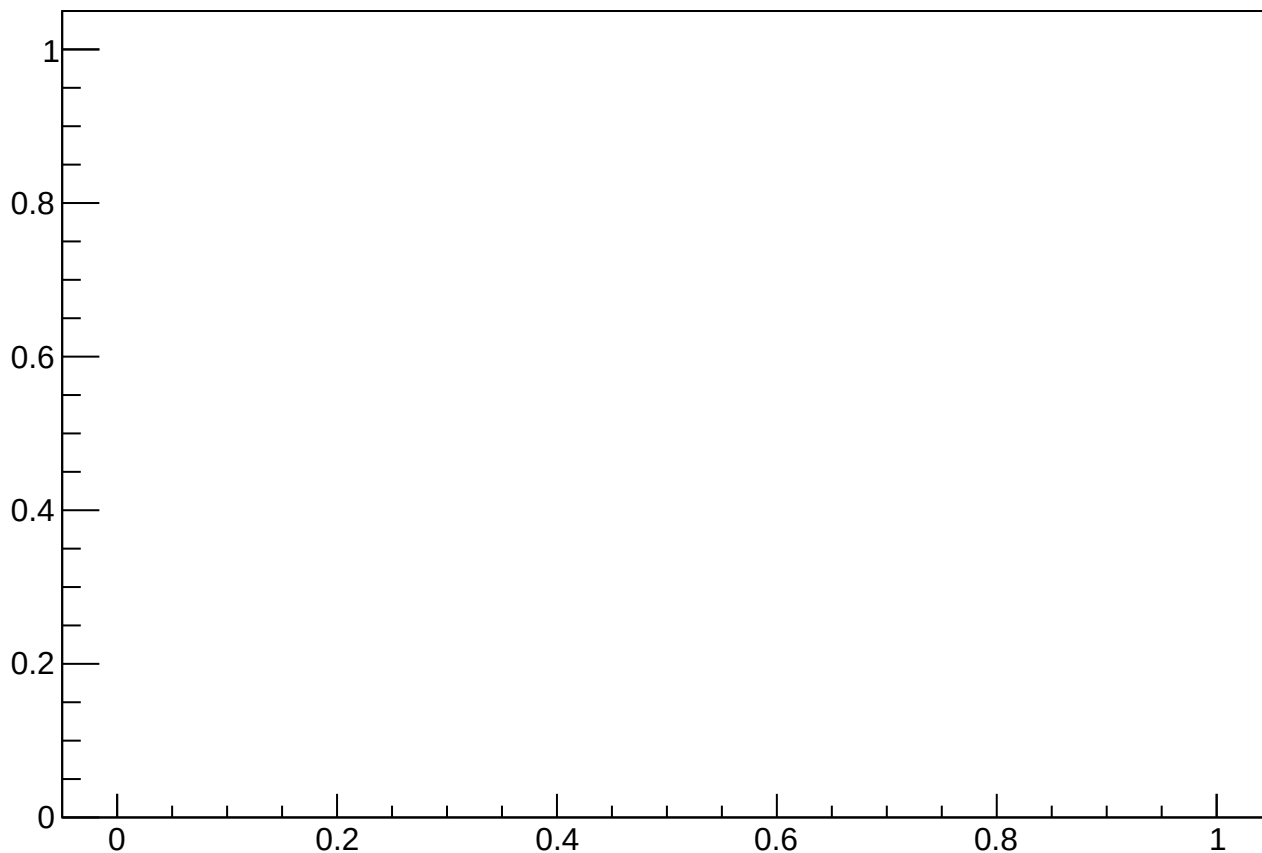
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

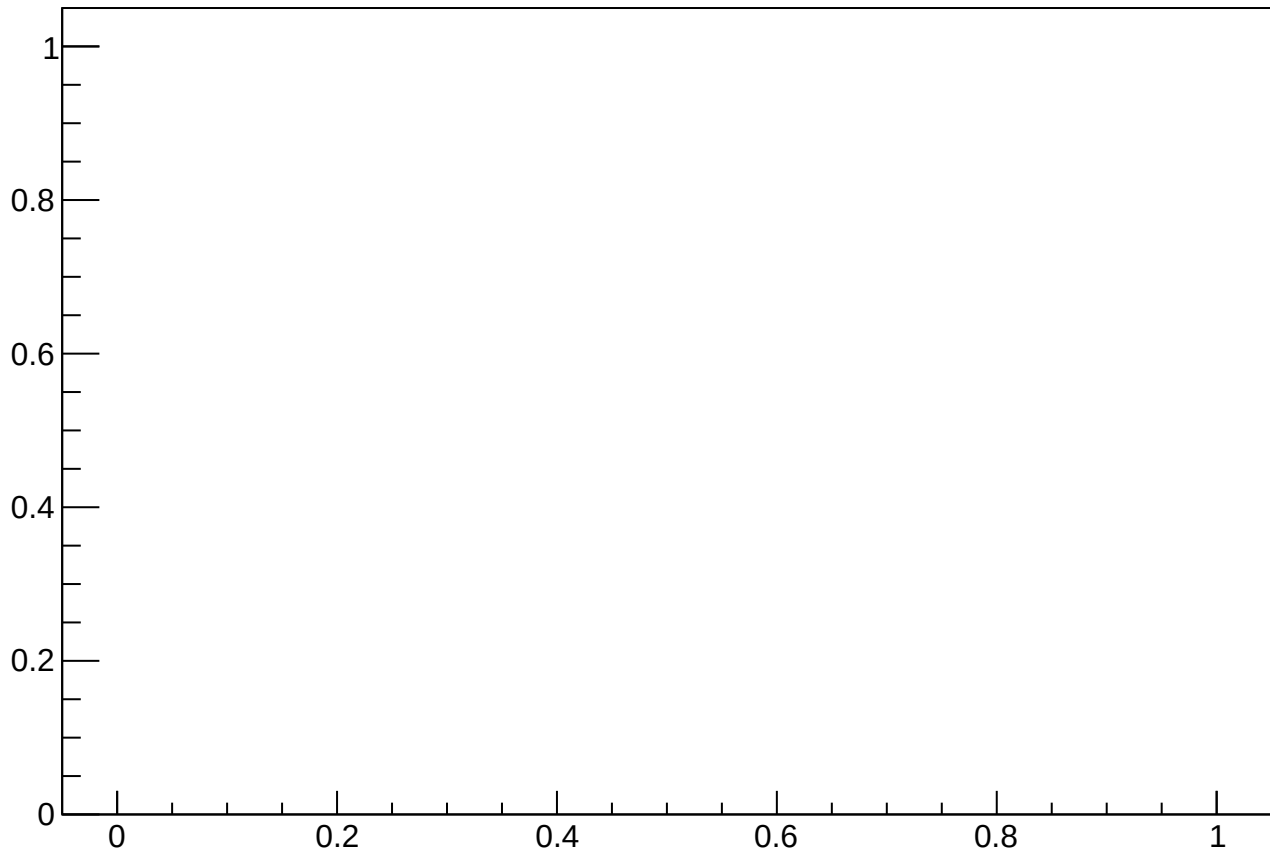
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

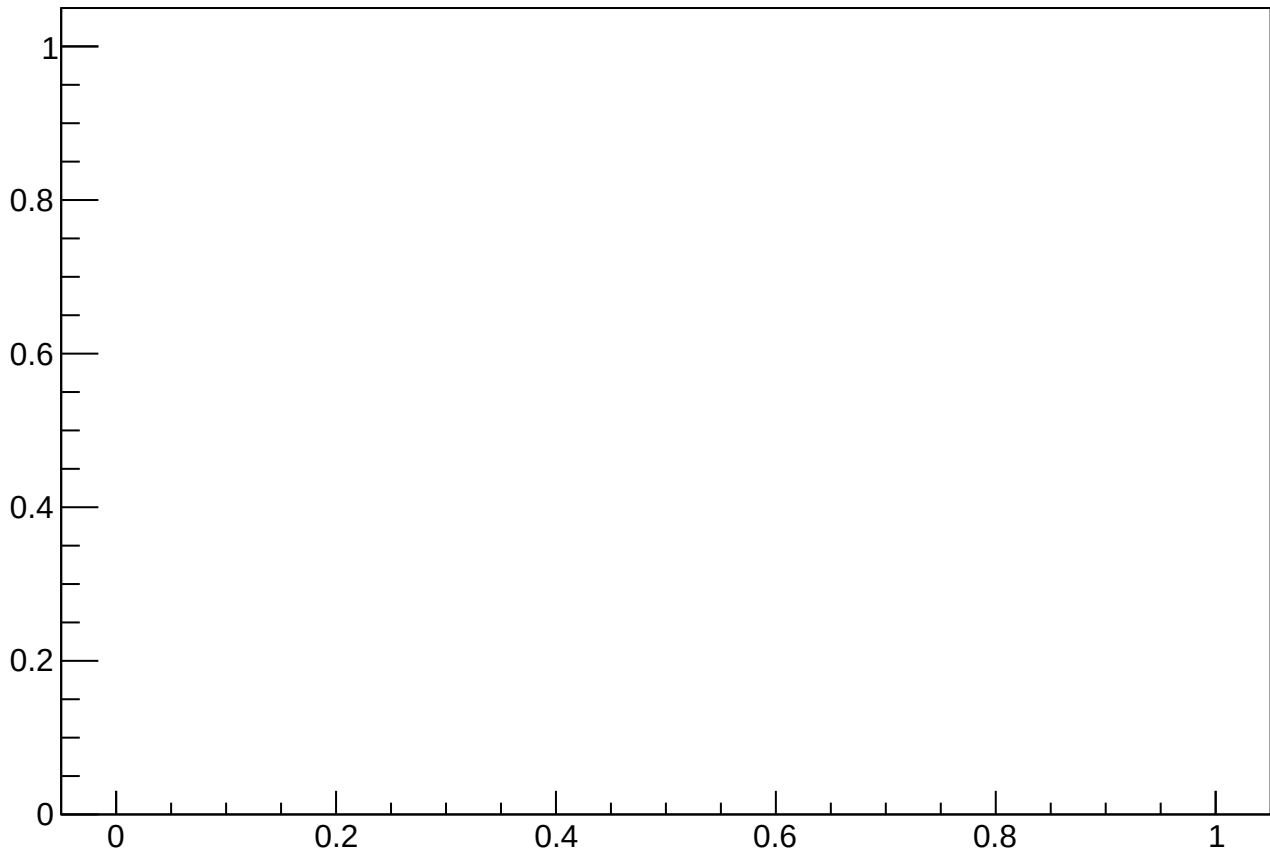
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

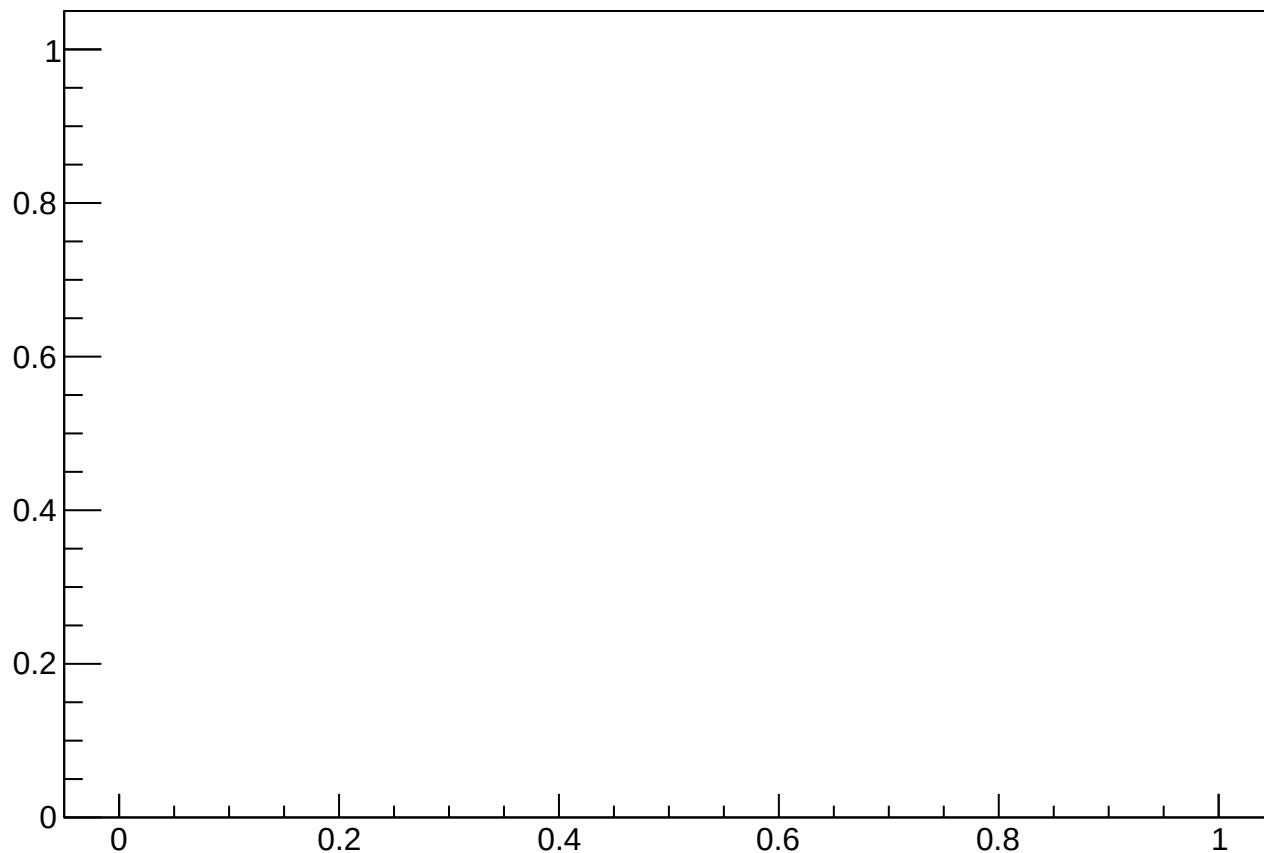
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

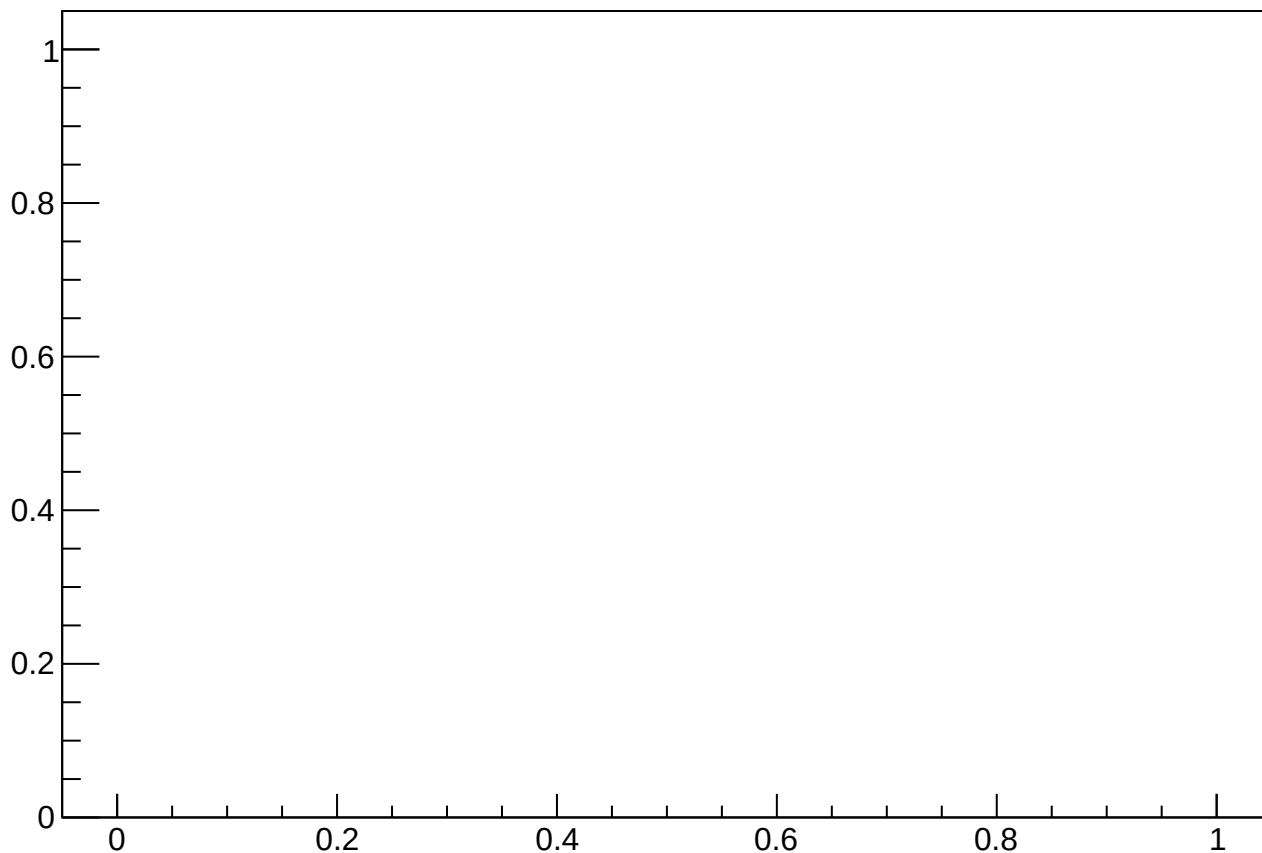
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

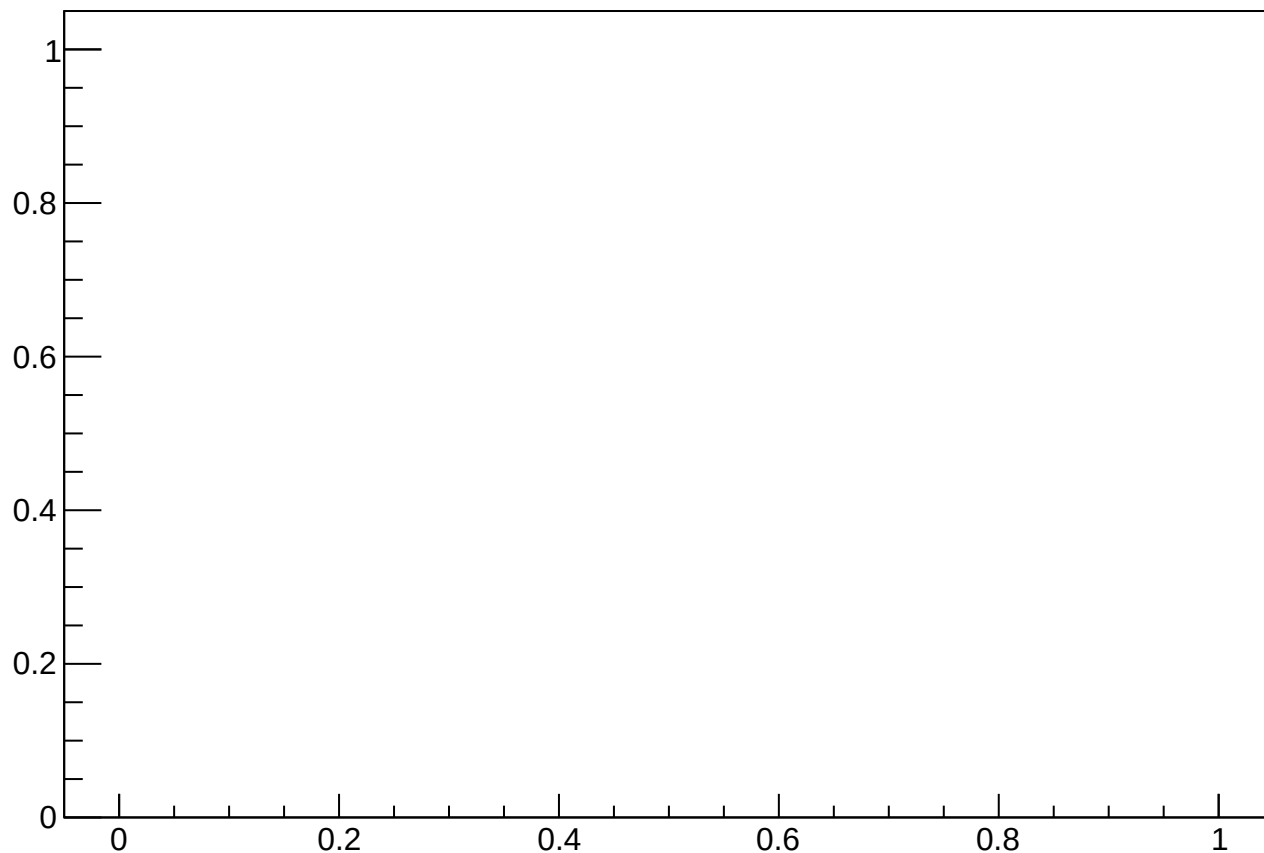
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

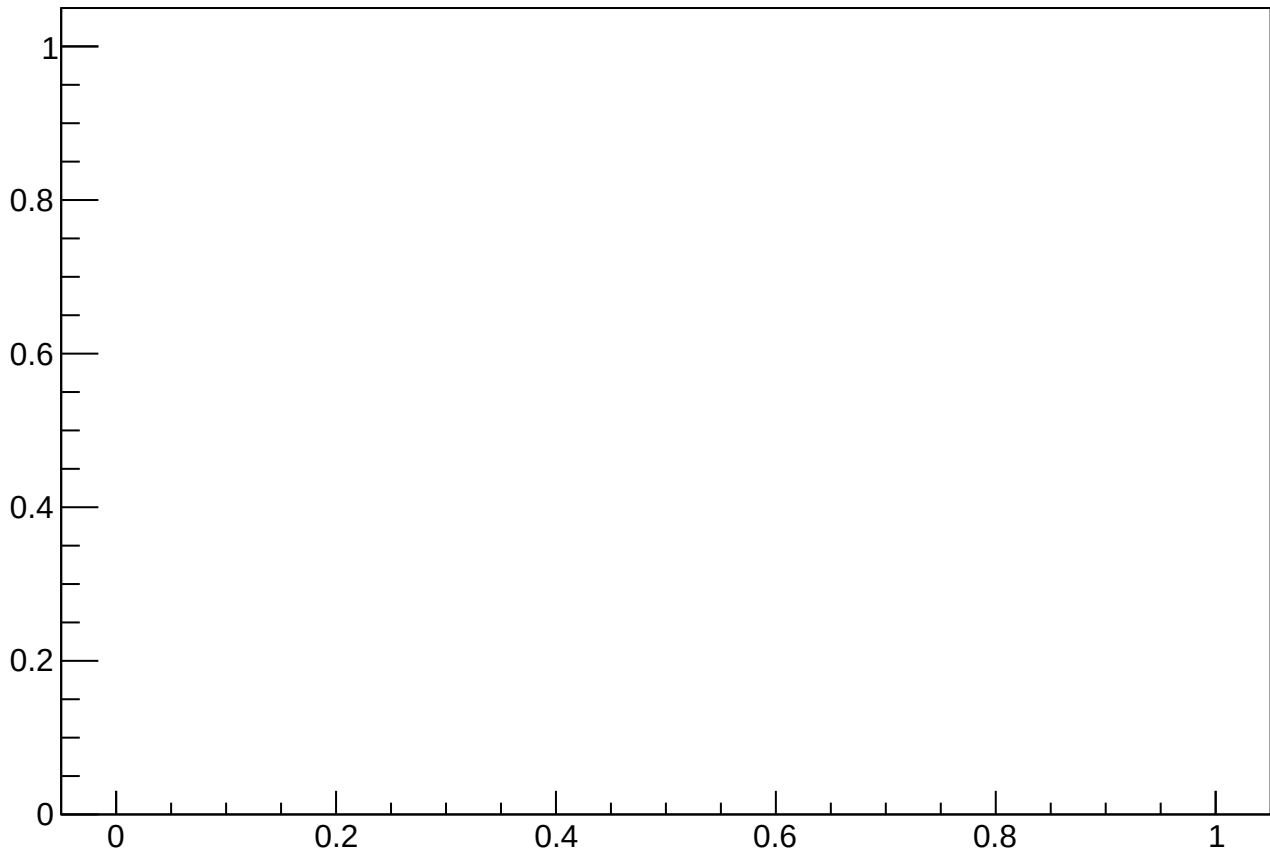
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

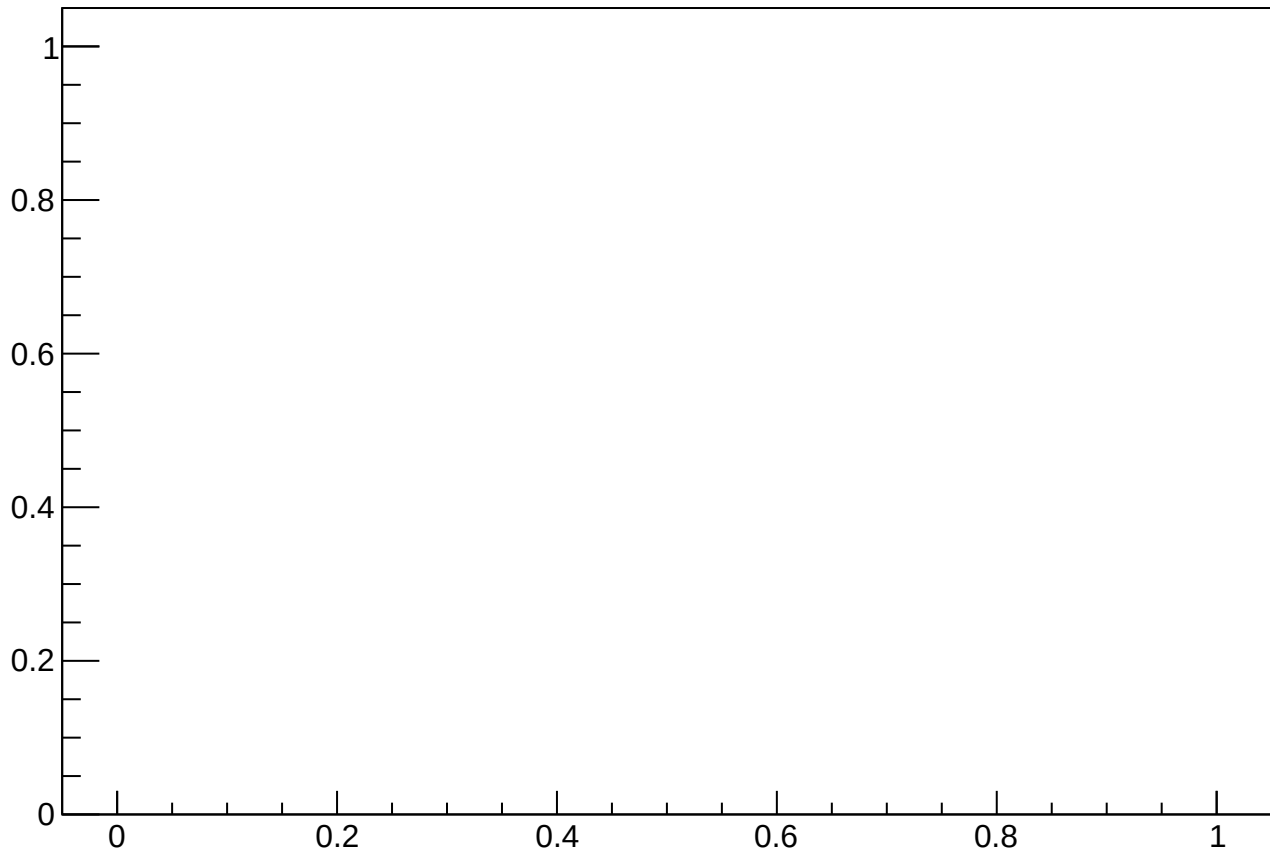
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

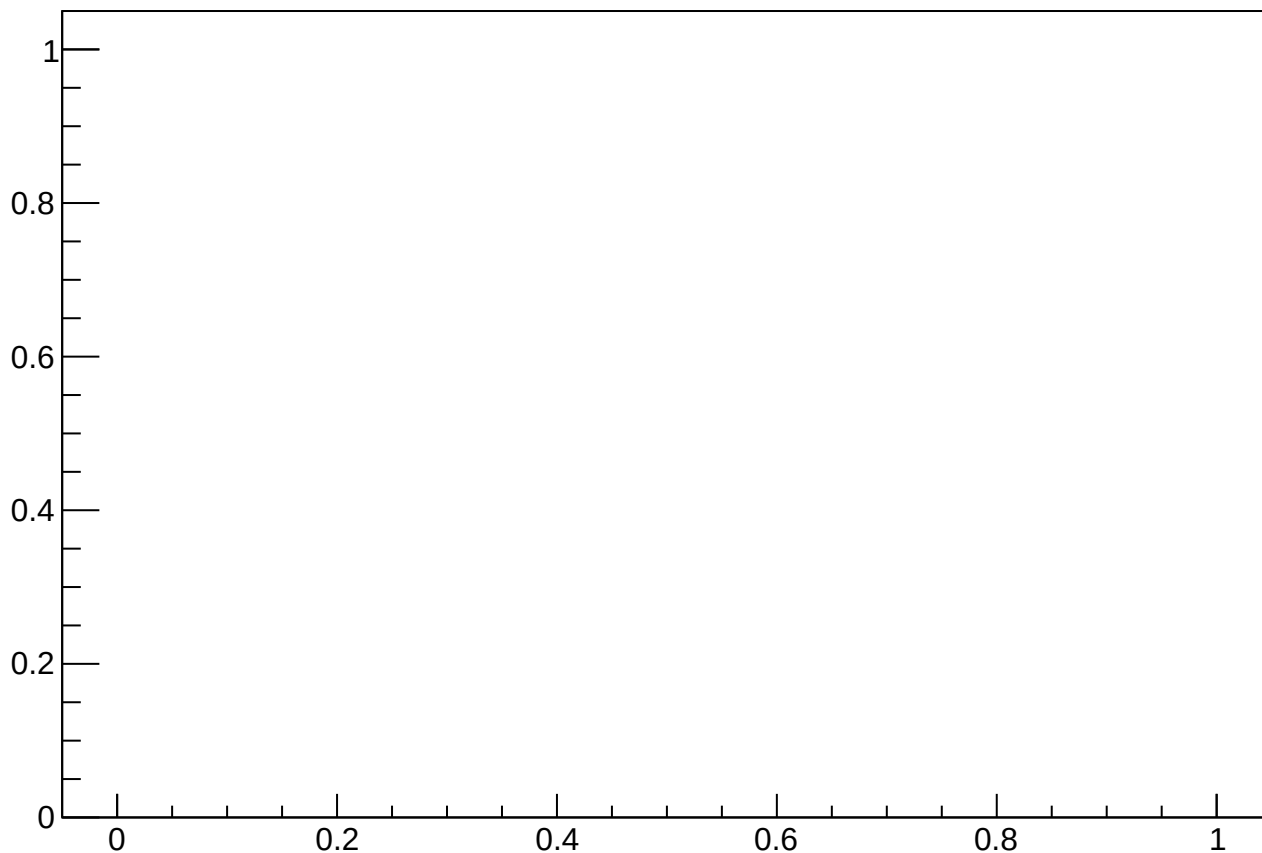
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

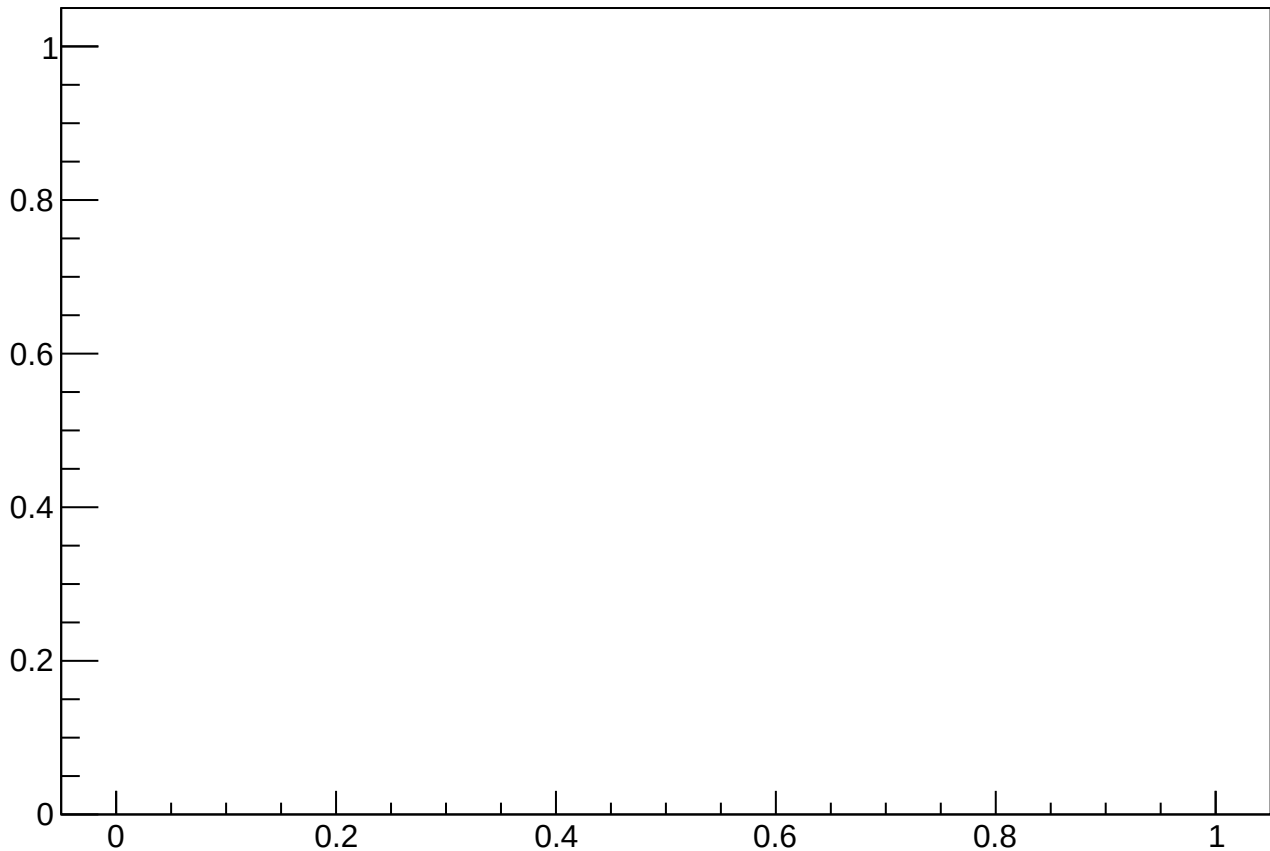
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

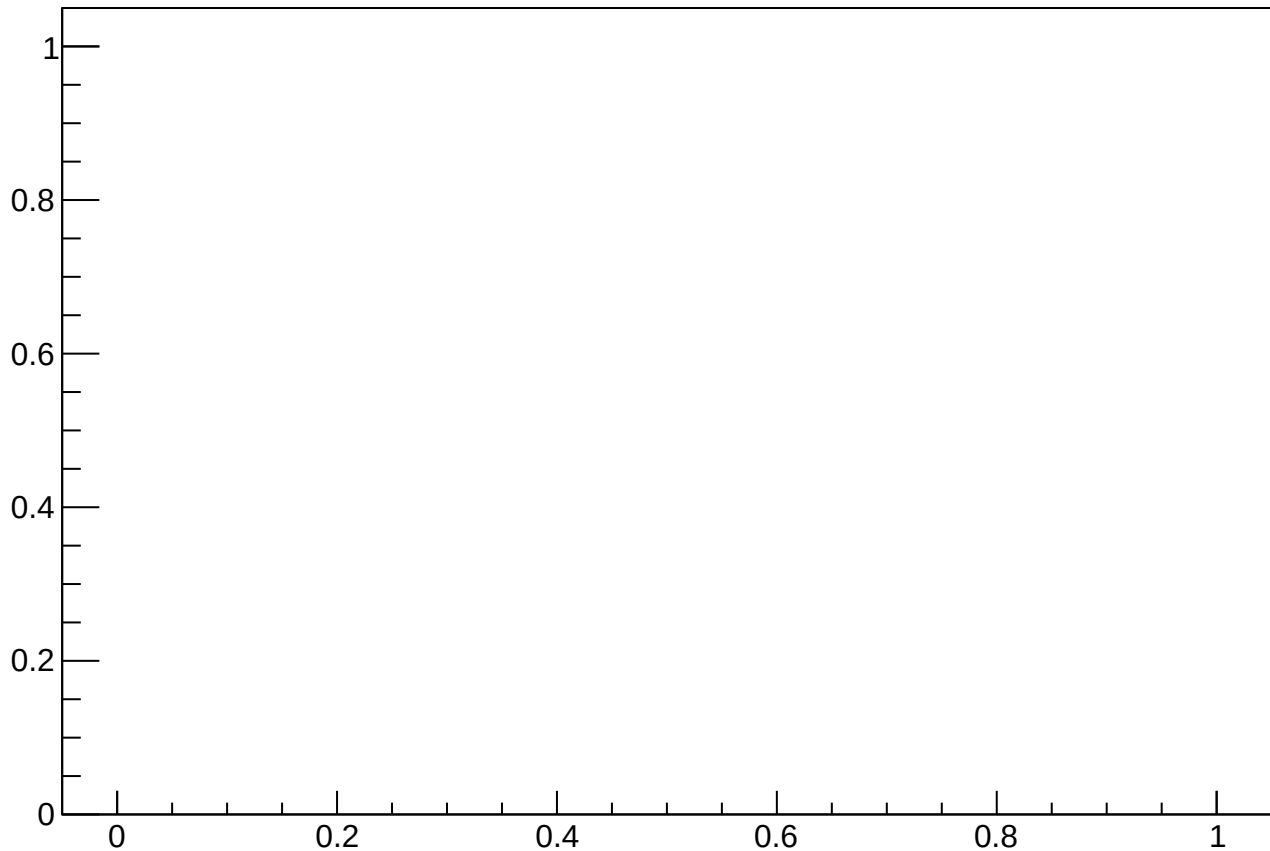
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

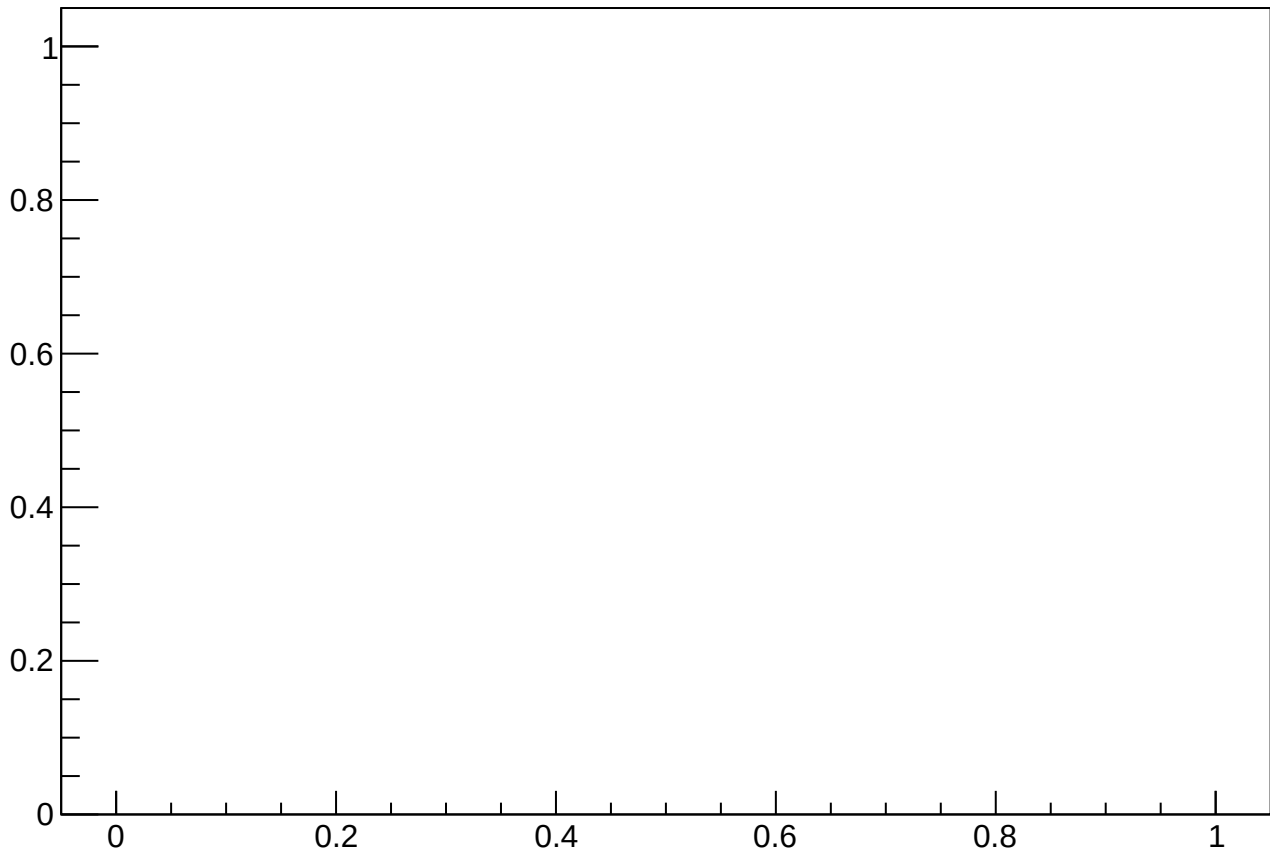
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

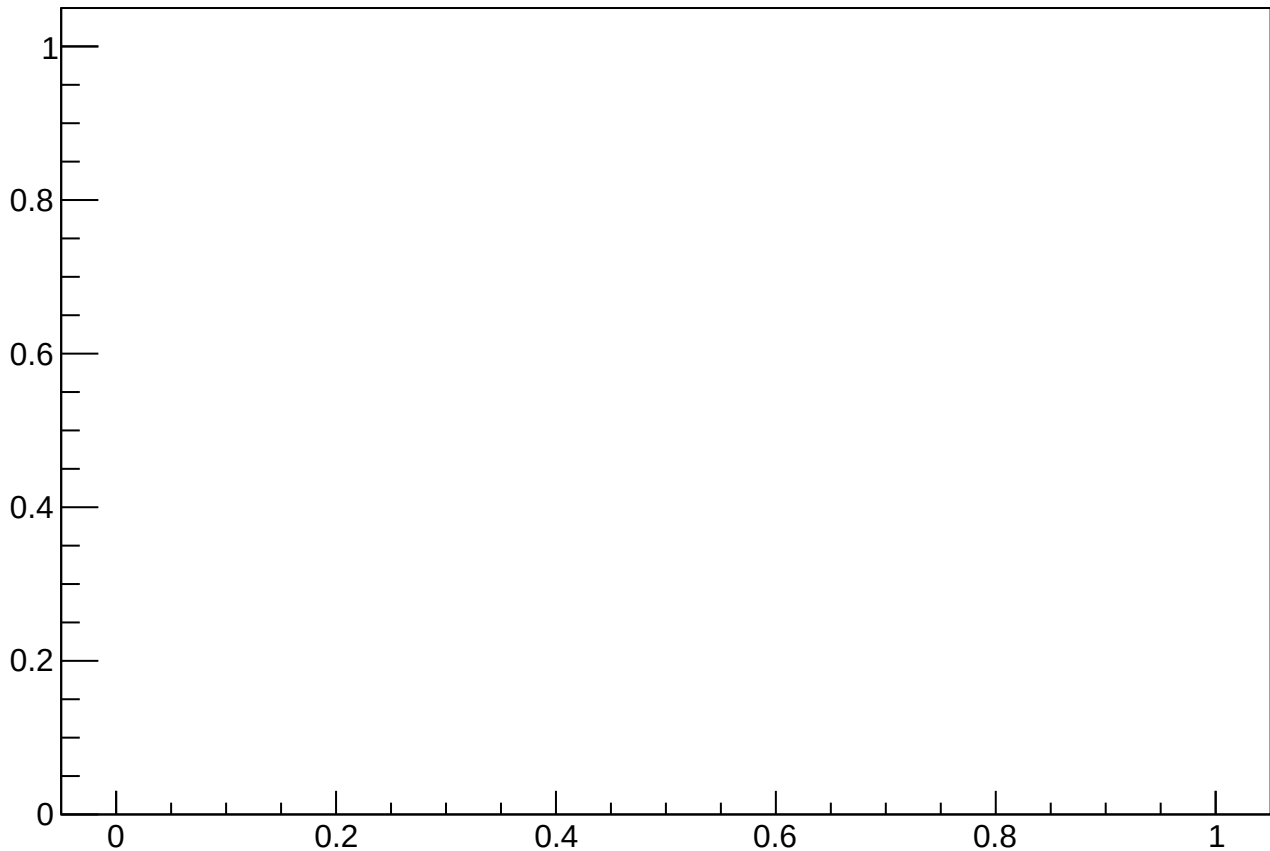
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

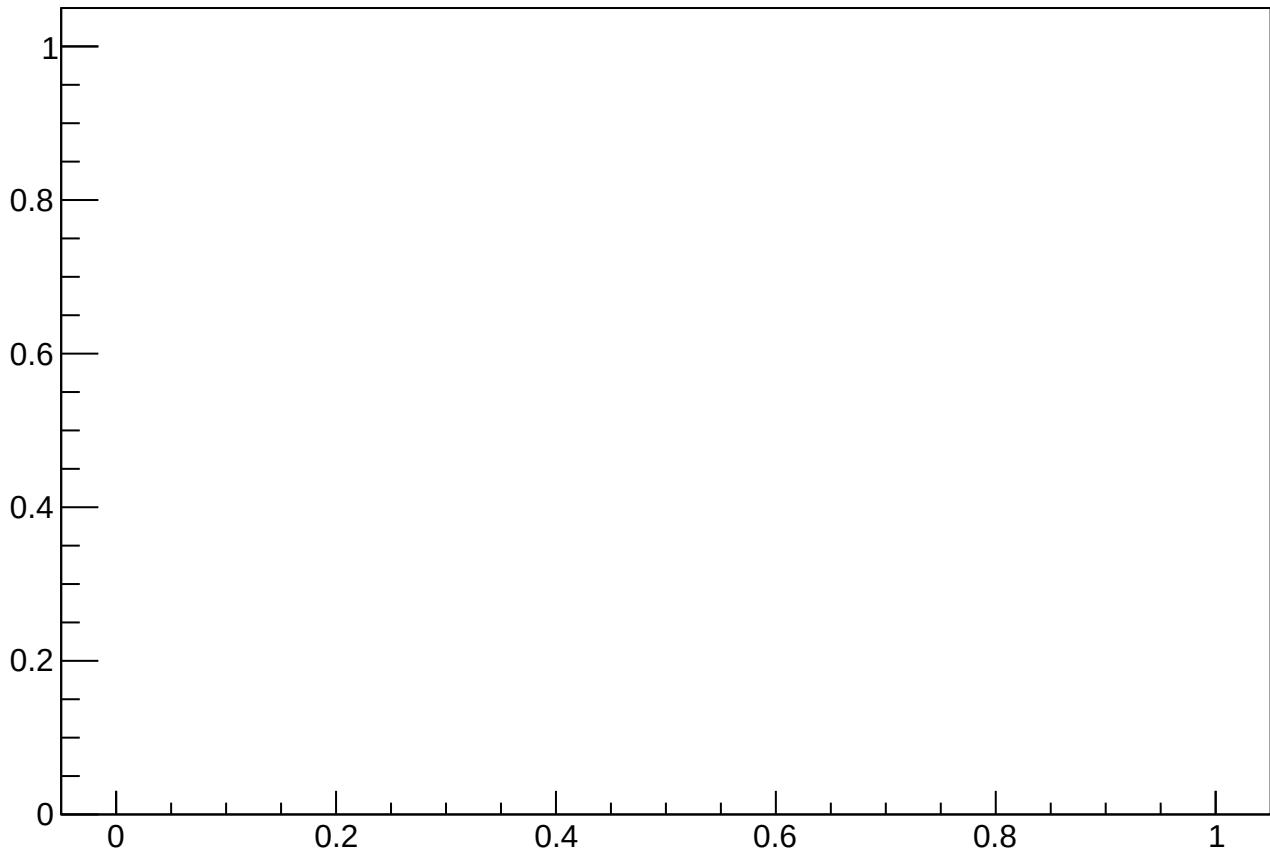
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

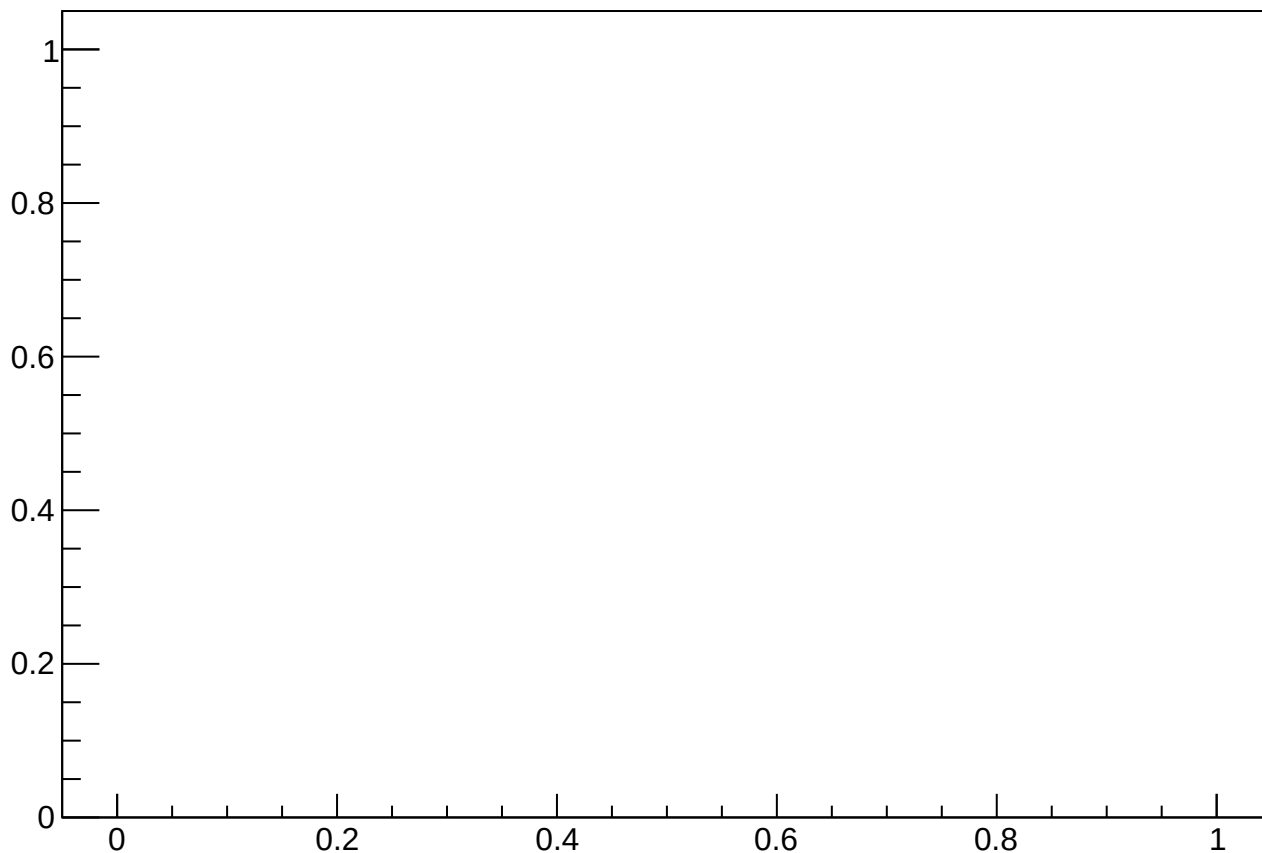
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

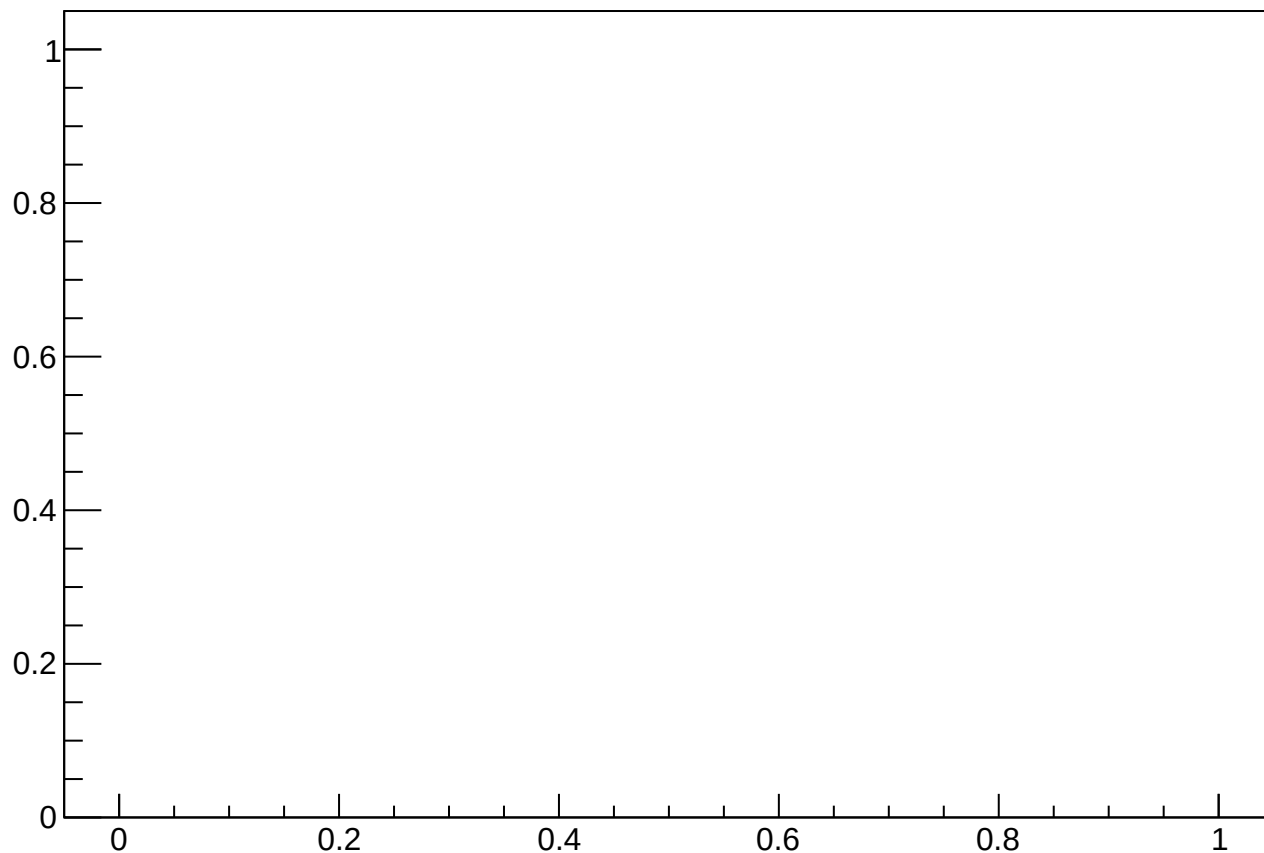
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

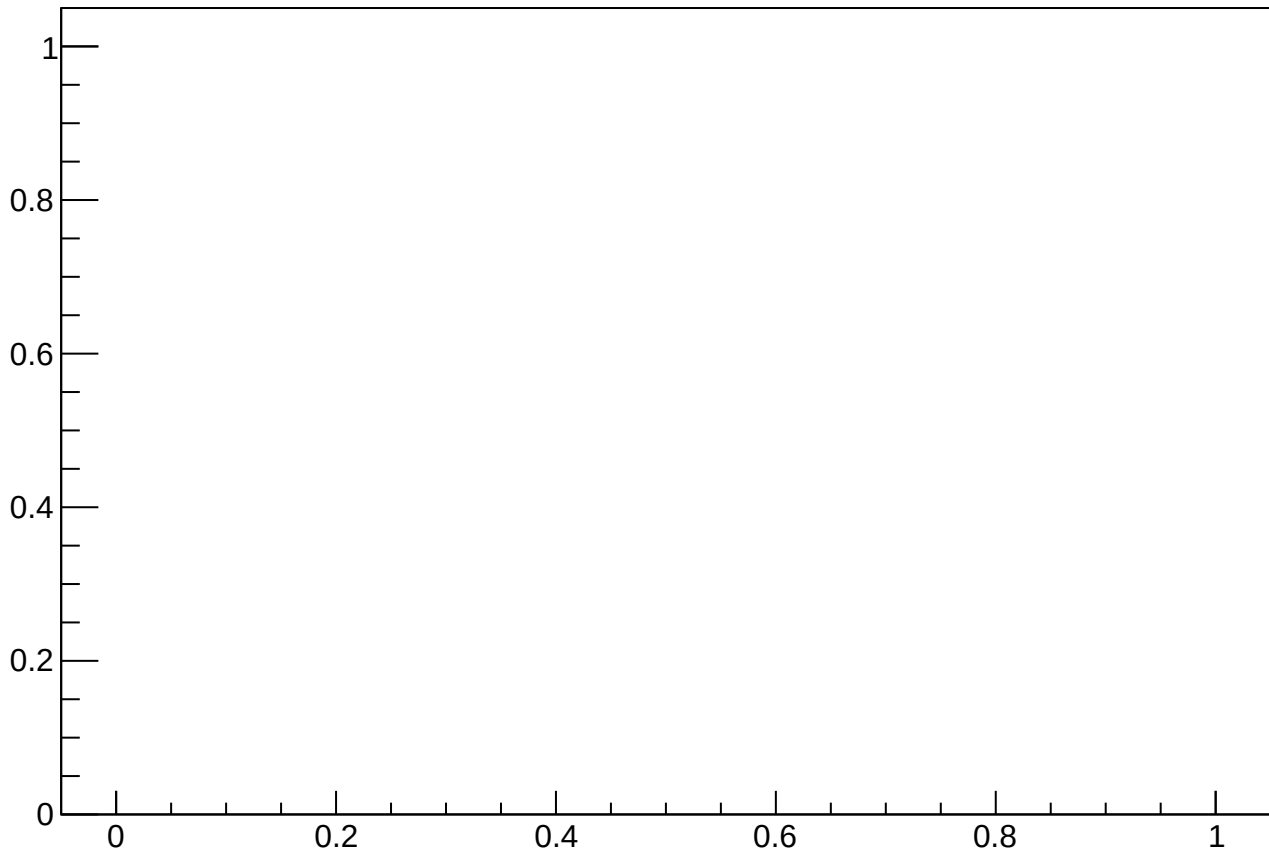
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

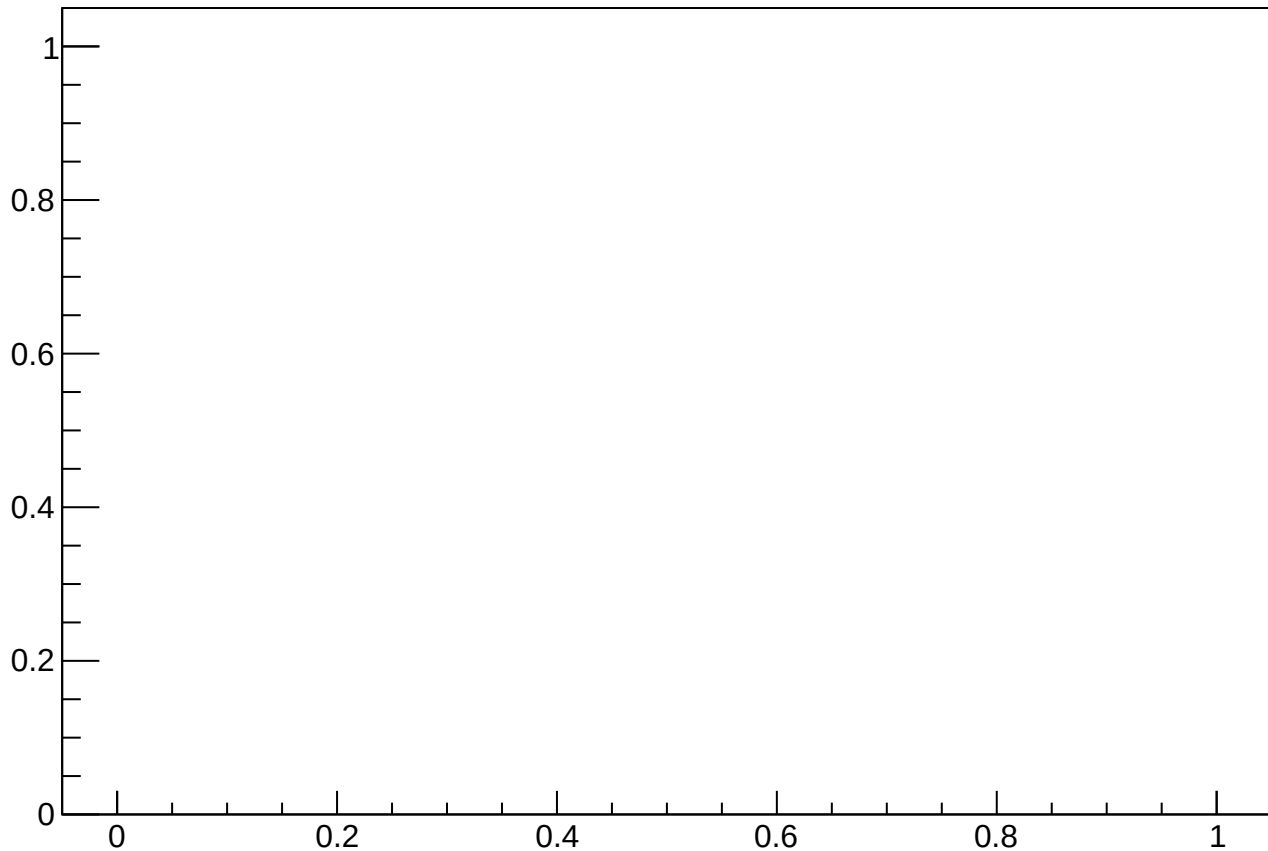
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

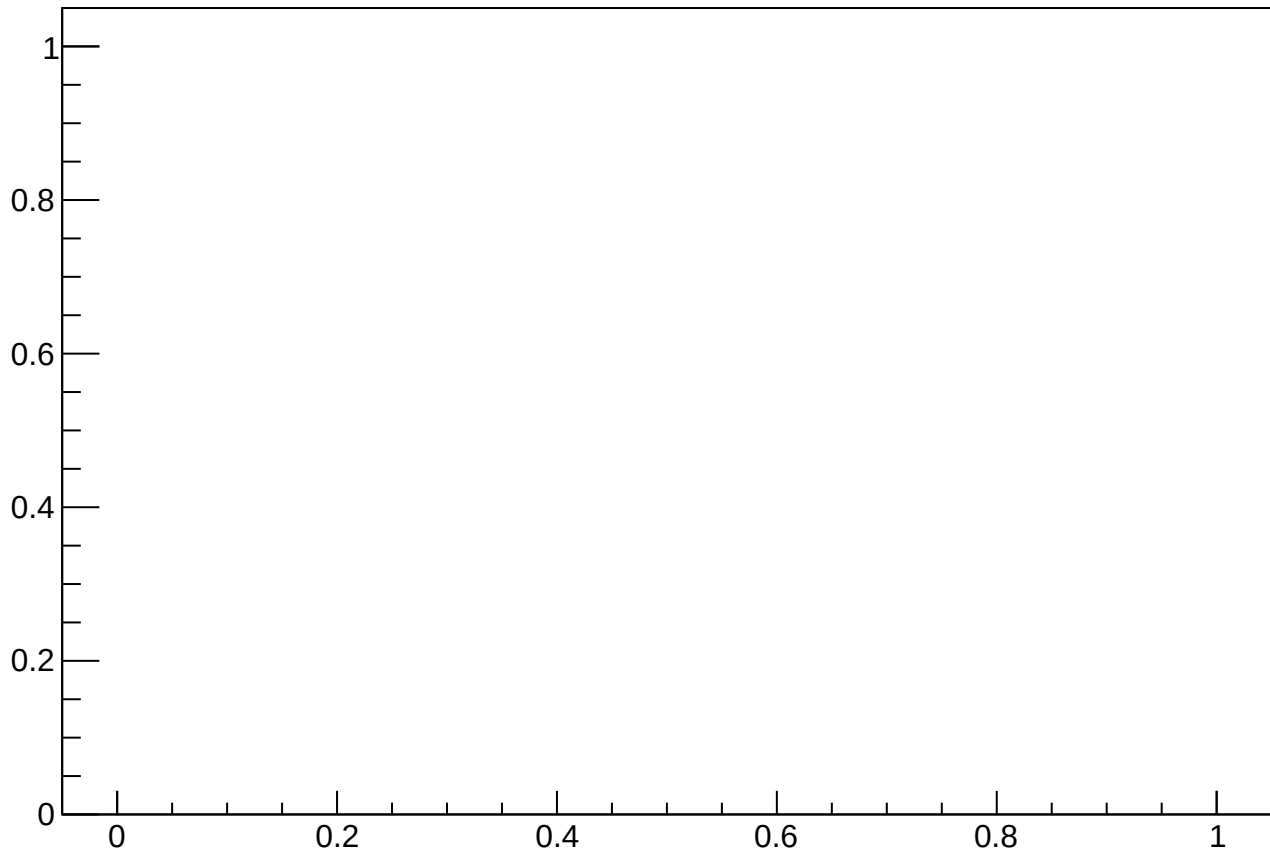
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

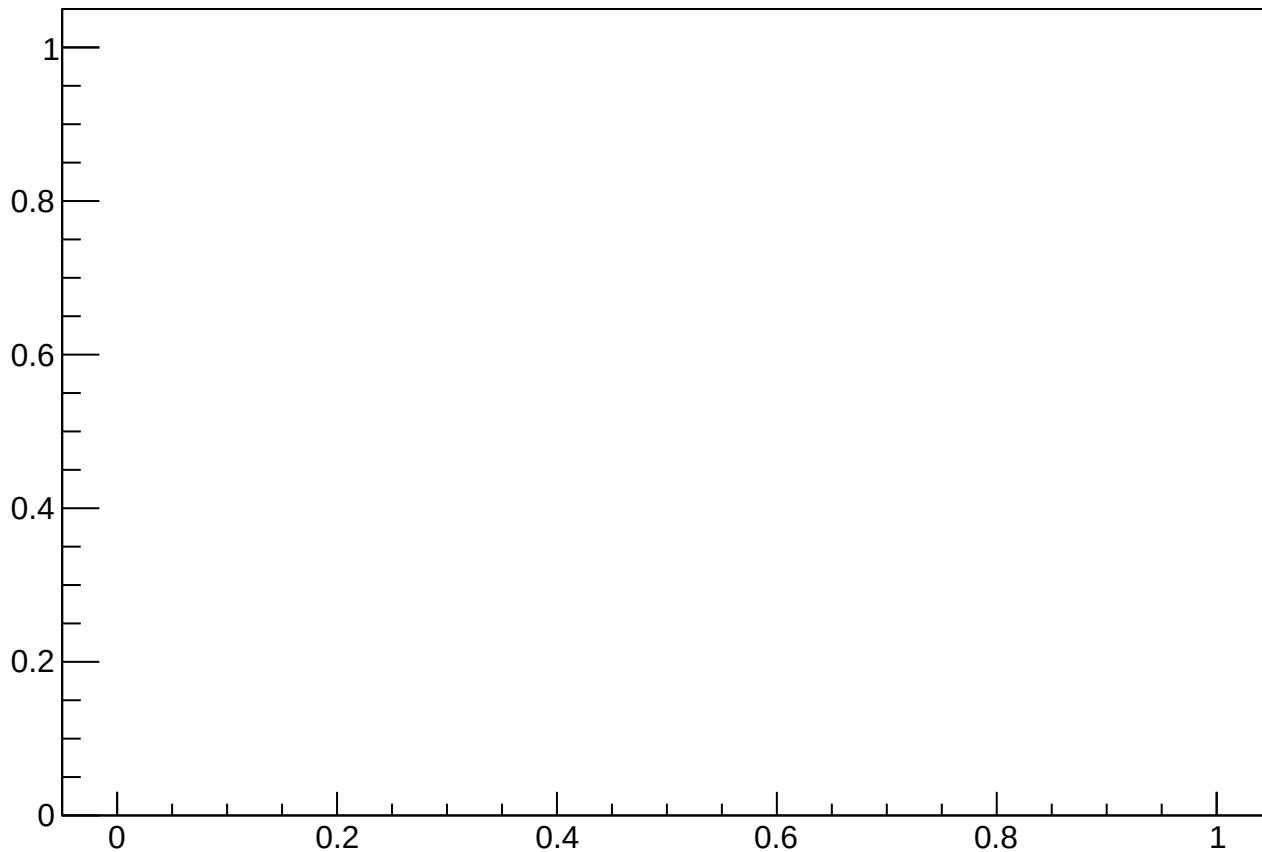
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

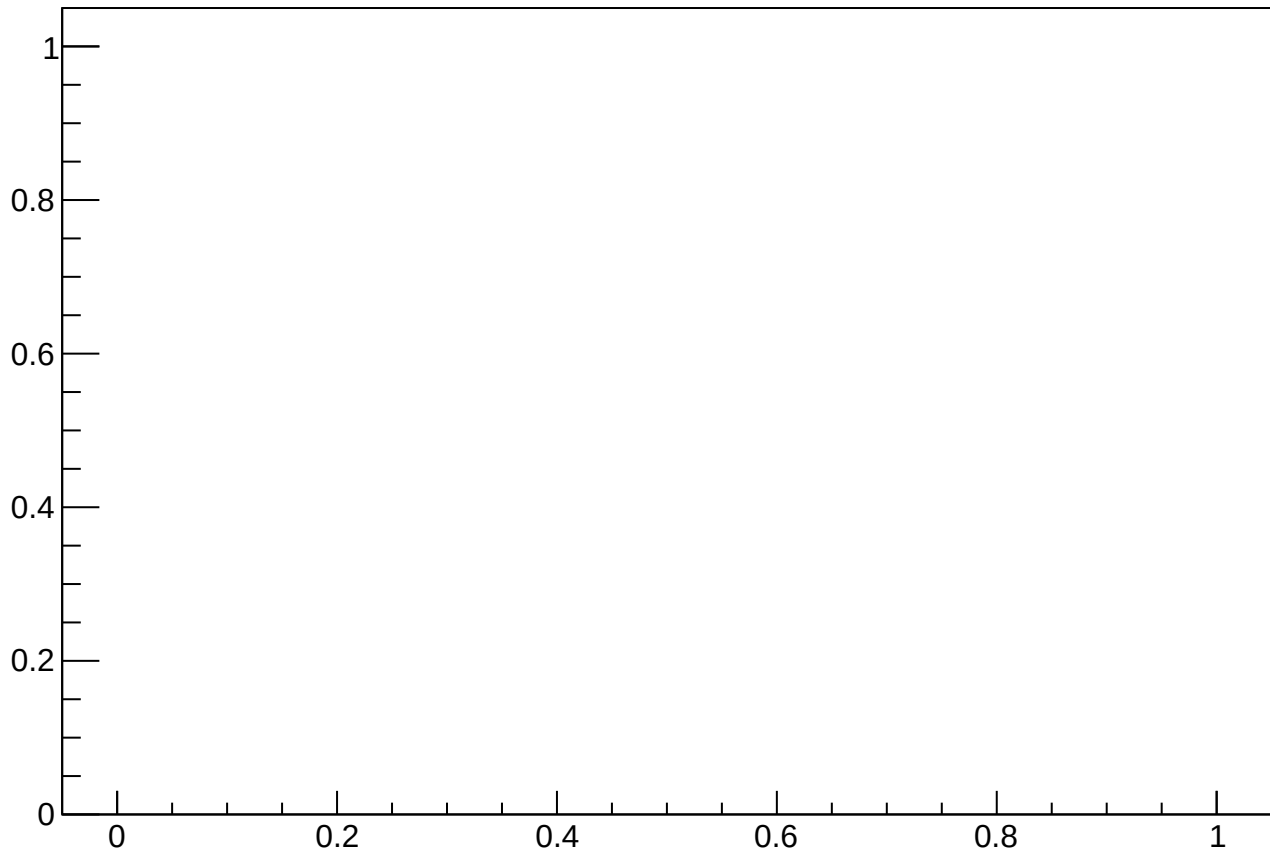
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

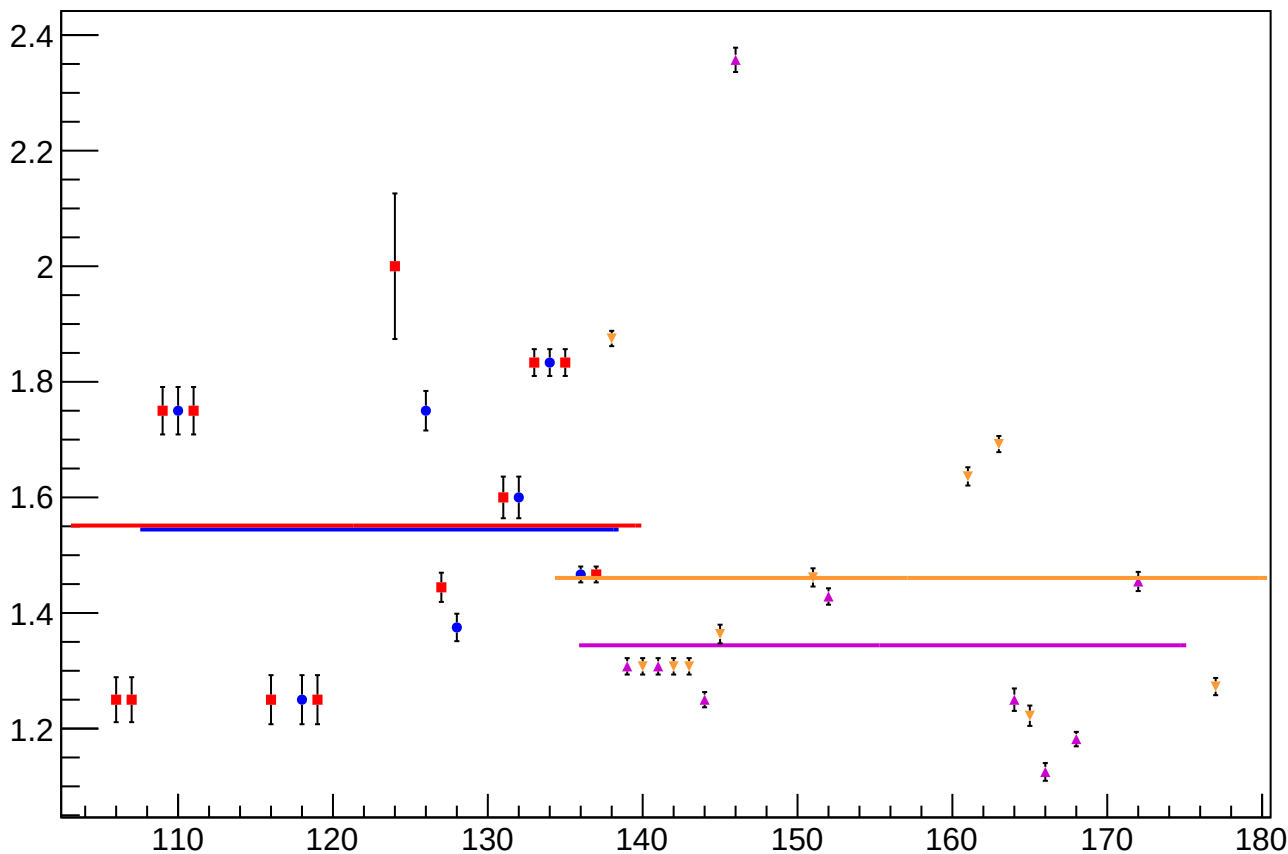
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.461 $\pm$ 0.005 χ^2 /NDF: 2103.3/9

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2 /NDF: 2852.1/8

Left: 1.406 $\pm$ 0.003 χ^2 /NDF: 5242.7/18

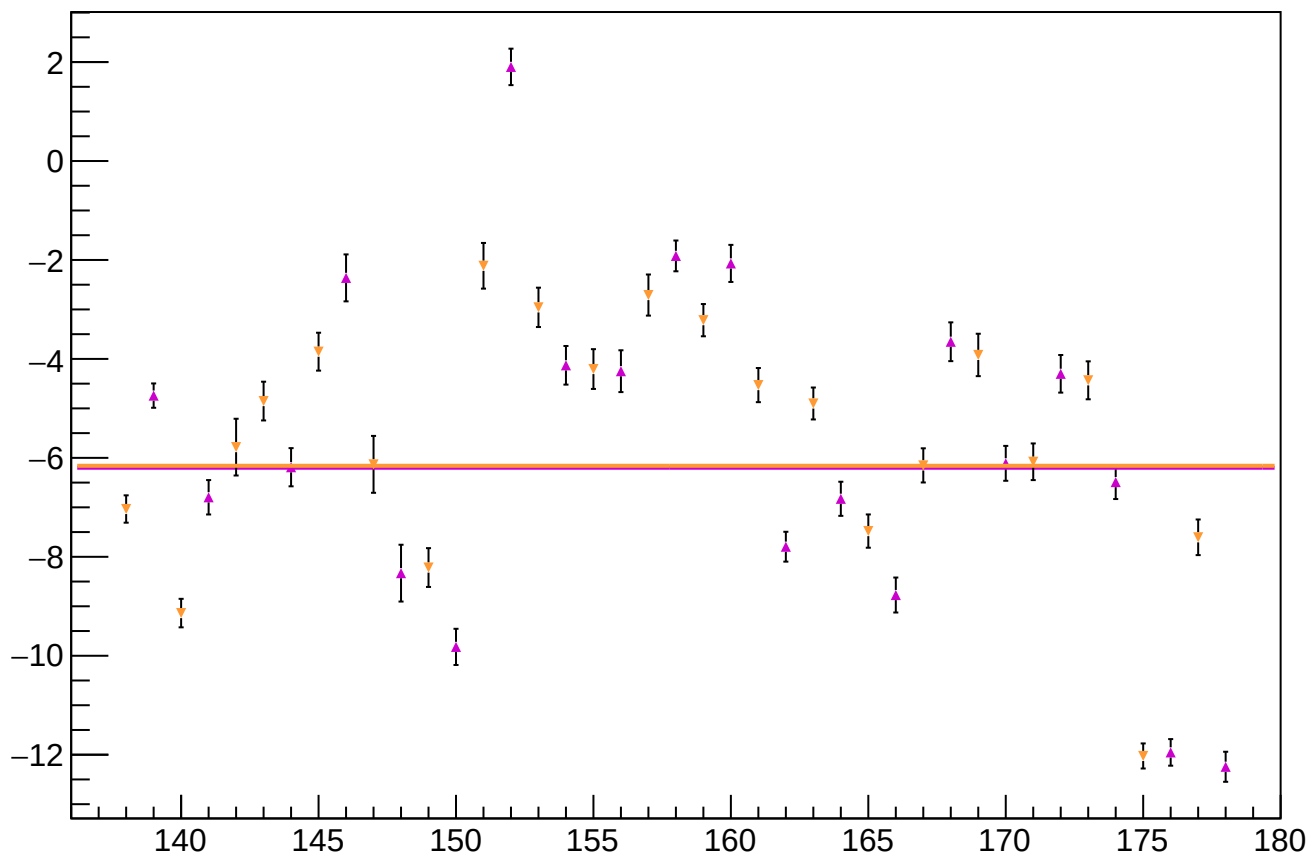
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.390 $\pm$ 0.004 χ^2 /NDF: 3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2 /NDF: 2829.6/21

All: 1.440 $\pm$ 0.003 χ^2 /NDF: 6637.2/37

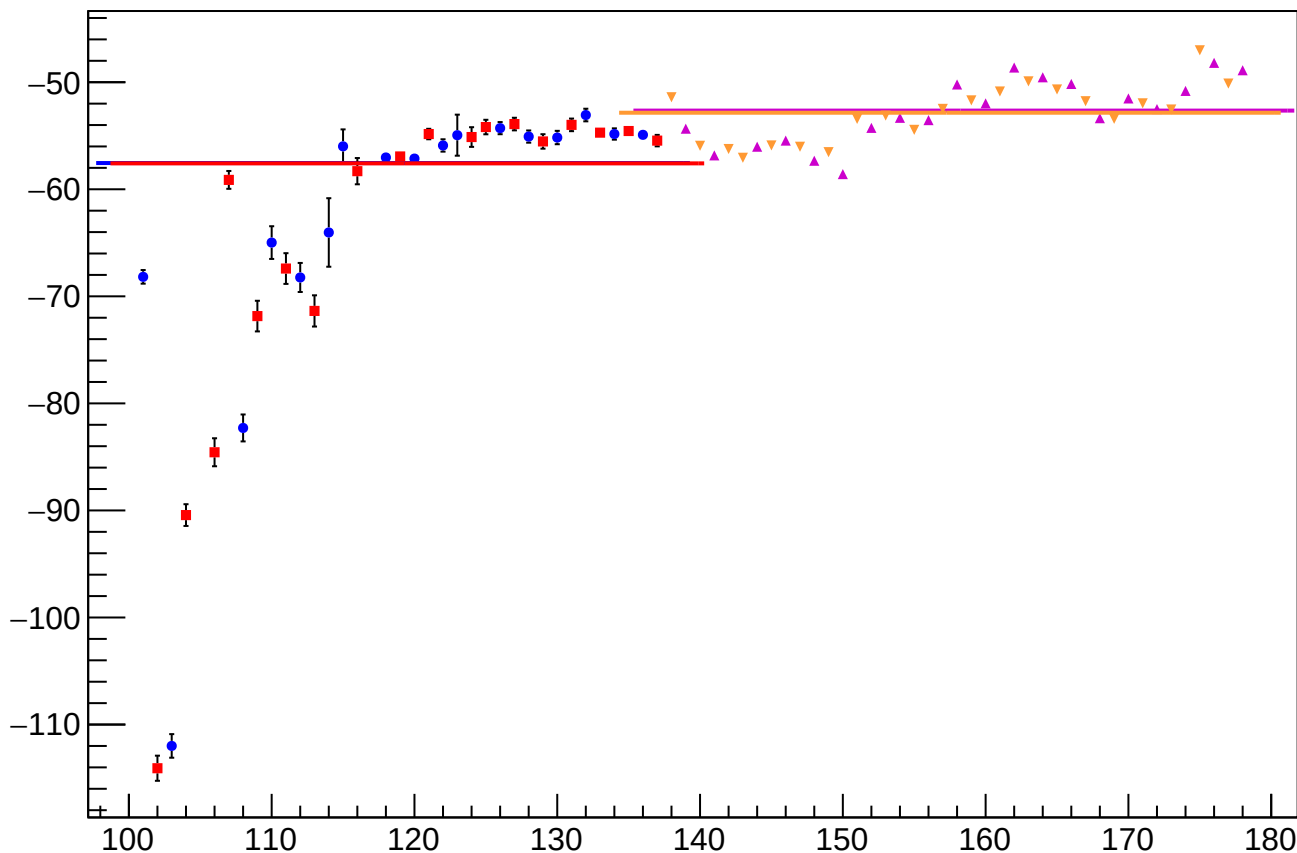
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.160+/-0.079 χ^2/NDF :1160.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.200+/-0.078 χ^2/NDF :2066.1/19

Left: -6.180+/-0.055 χ^2/NDF : 3226.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.200+/-0.078 χ^2/NDF :2066.1/19
 Out: -6.160+/-0.079 χ^2/NDF :1160.4/20
 All: -6.180+/-0.055 χ^2/NDF : 3226.6/40

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.850 $\pm$ 0.060 χ^2 /NDF:1936.0/20

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -52.651 $\pm$ 0.062 χ^2 /NDF:2543.0/19

Left: -52.752 $\pm$ 0.043 χ^2 /NDF: 4484.3/40

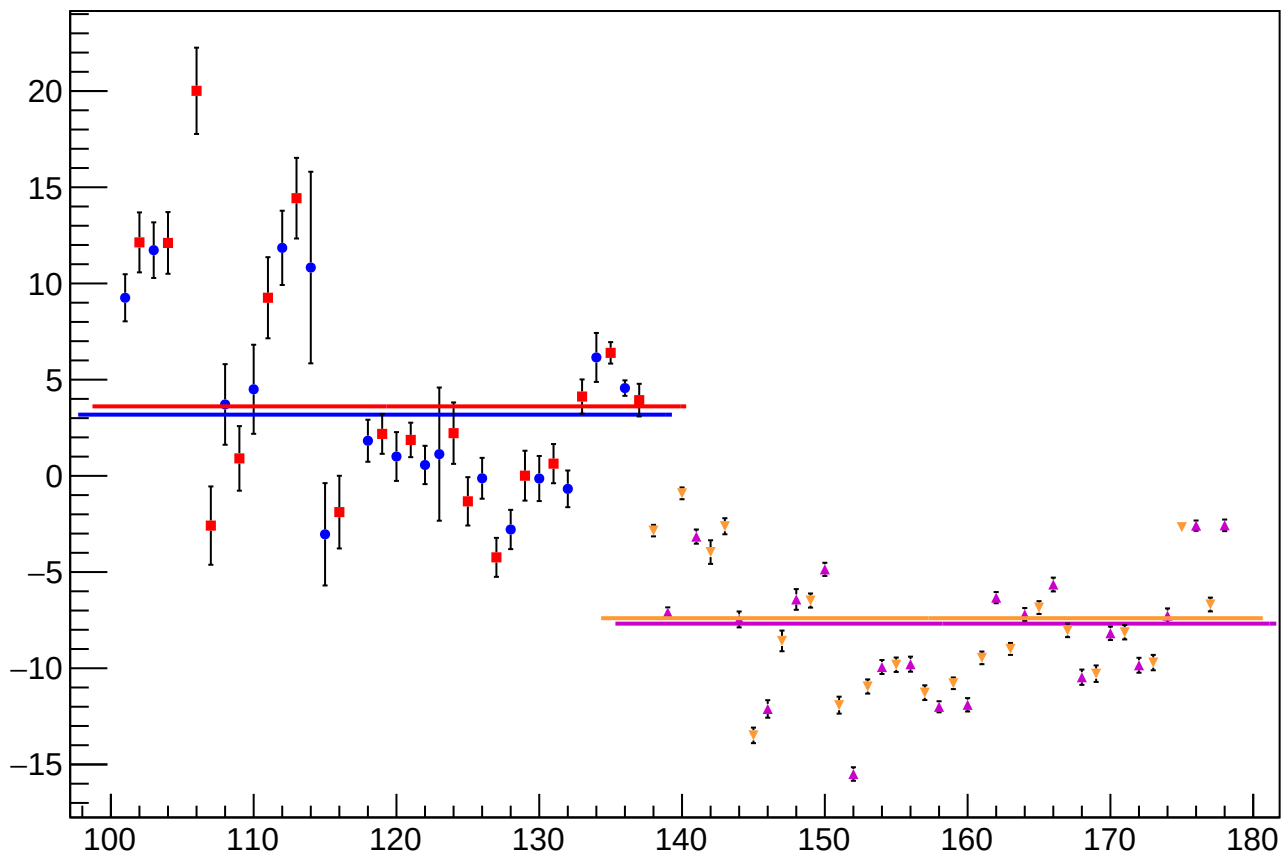
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -53.436 $\pm$ 0.057 χ^2 /NDF:7008.3/36

Out: -53.568 $\pm$ 0.056 χ^2 /NDF:7209.1/38

All: -53.504 $\pm$ 0.040 χ^2 /NDF: 14220.2/75

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.398 ± 0.078 χ^2/NDF : 2052.5/20

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -7.681 ± 0.077 χ^2/NDF : 2048.6/19

Left: -7.542 ± 0.055 χ^2/NDF : 4107.8/40

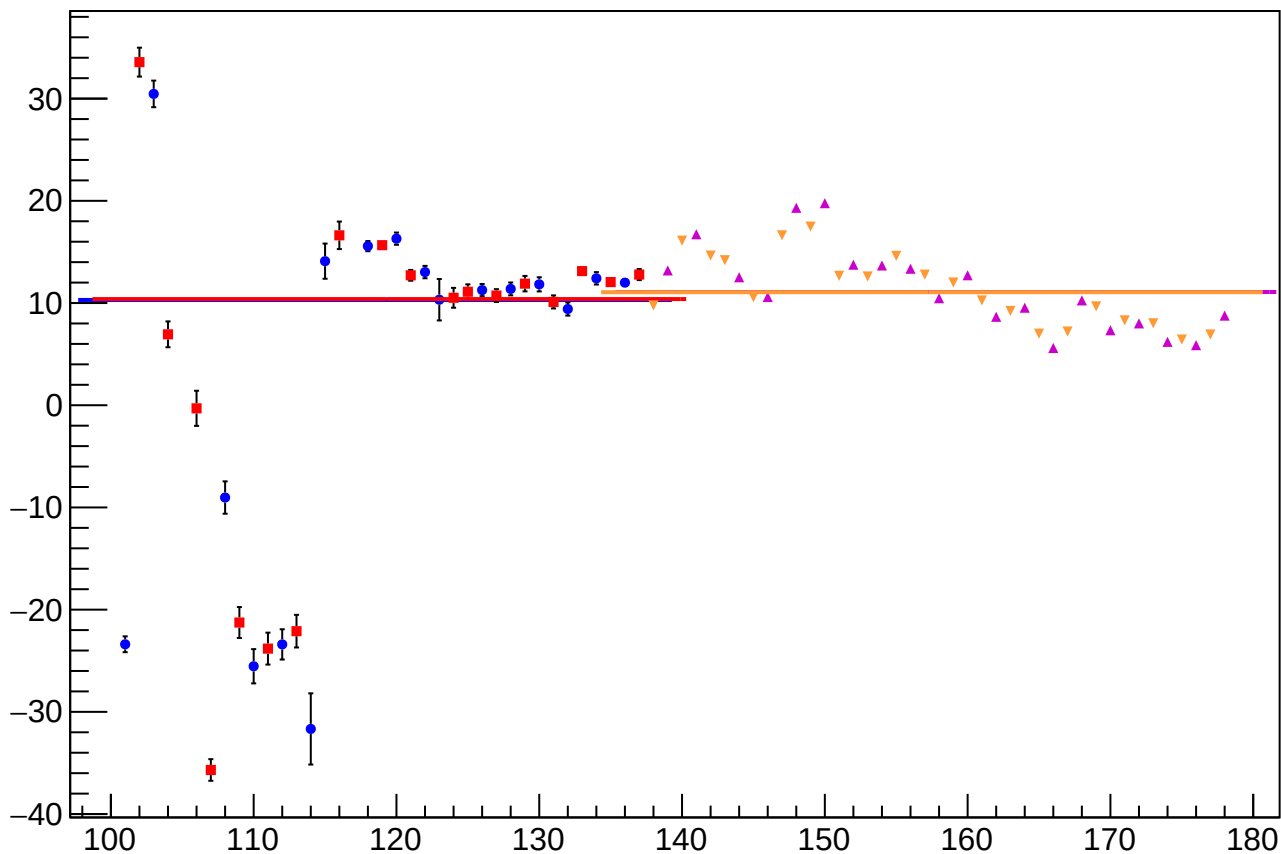
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -6.792 ± 0.074 χ^2/NDF : 3861.3/36

Out: -6.532 ± 0.075 χ^2/NDF : 3898.2/38

All: -6.664 ± 0.053 χ^2/NDF : 7765.5/75

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 ± 0.157 χ^2/NDF : 3699.4/16

Left Out: 11.059 ± 0.068 χ^2/NDF : 2376.8/20

Right Out: 10.388 ± 0.160 χ^2/NDF : 3786.4/17

Left In: 11.079 ± 0.069 χ^2/NDF : 3269.1/19

Left: 11.069 ± 0.048 χ^2/NDF : 5646.0/40

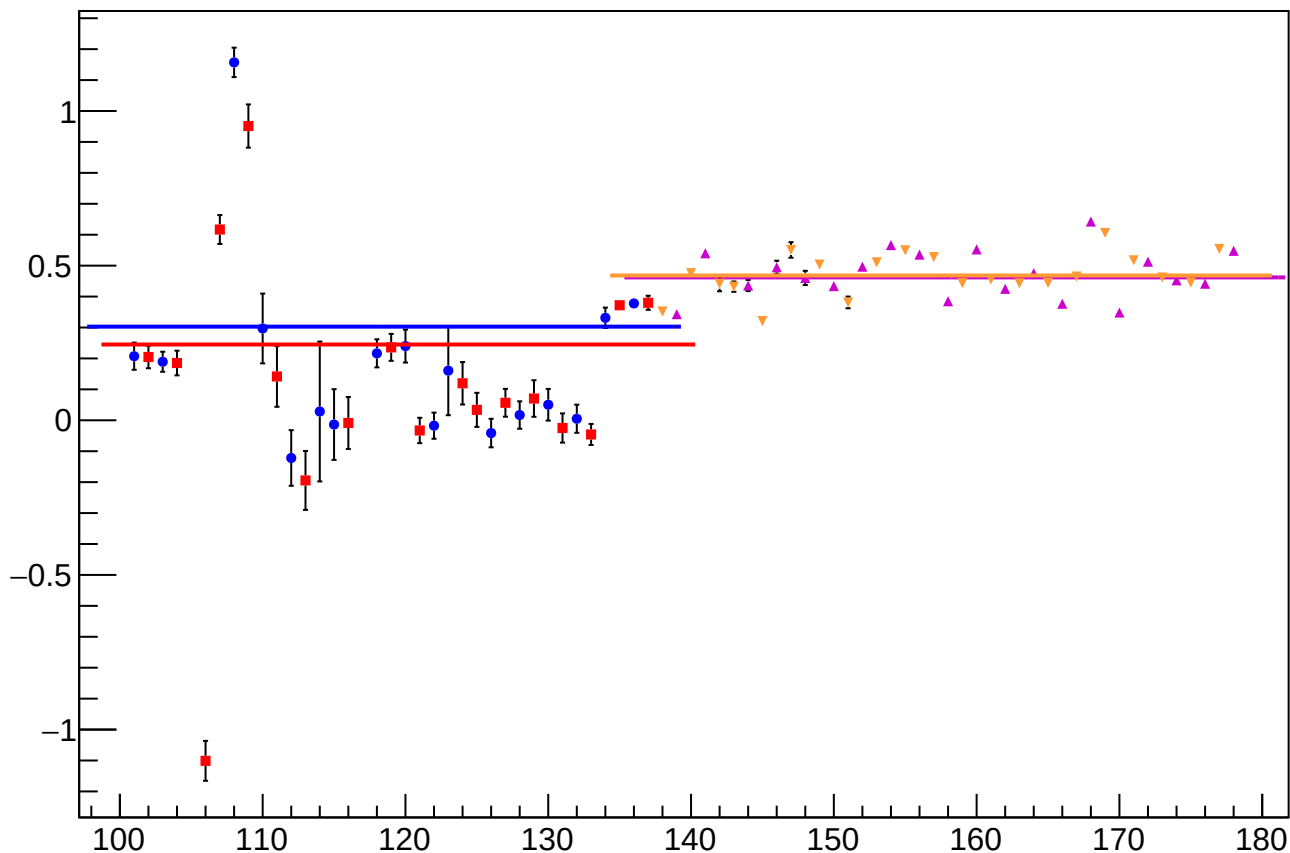
Right: 10.344 ± 0.112 χ^2/NDF : 7485.9/34

In: 10.954 ± 0.063 χ^2/NDF : 6989.1/36

Out: 10.957 ± 0.063 χ^2/NDF : 6178.1/38

All: 10.955 ± 0.044 χ^2/NDF : 13167.2/75

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 ± 0.008 χ^2/NDF : 647.2/16

Left Out: 0.468 ± 0.003 χ^2/NDF : 446.8/20

Right Out: 0.245 ± 0.009 χ^2/NDF : 954.5/17

Left In: 0.462 ± 0.003 χ^2/NDF : 724.6/19

Left: 0.465 ± 0.002 χ^2/NDF : 1173.4/40

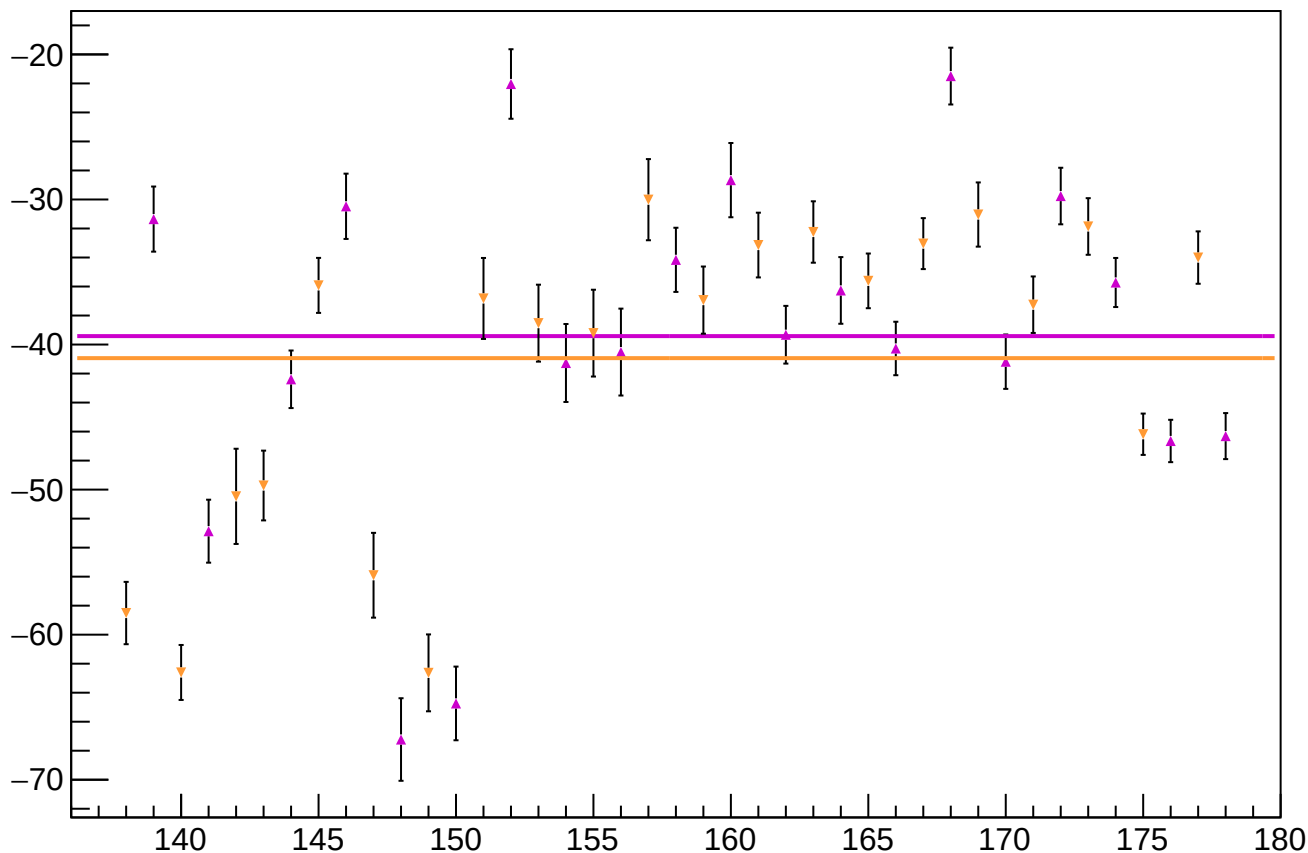
Right: 0.275 ± 0.006 χ^2/NDF : 1625.6/34

In: 0.443 ± 0.003 χ^2/NDF : 1704.1/36

Out: 0.443 ± 0.003 χ^2/NDF : 2009.1/38

All: 0.443 ± 0.002 χ^2/NDF : 3713.2/75

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.937+/-0.469 χ^2/NDF : 471.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.418+/-0.462 χ^2/NDF : 500.3/19

Left: -40.167+/-0.329 χ^2/NDF : 977.5/40

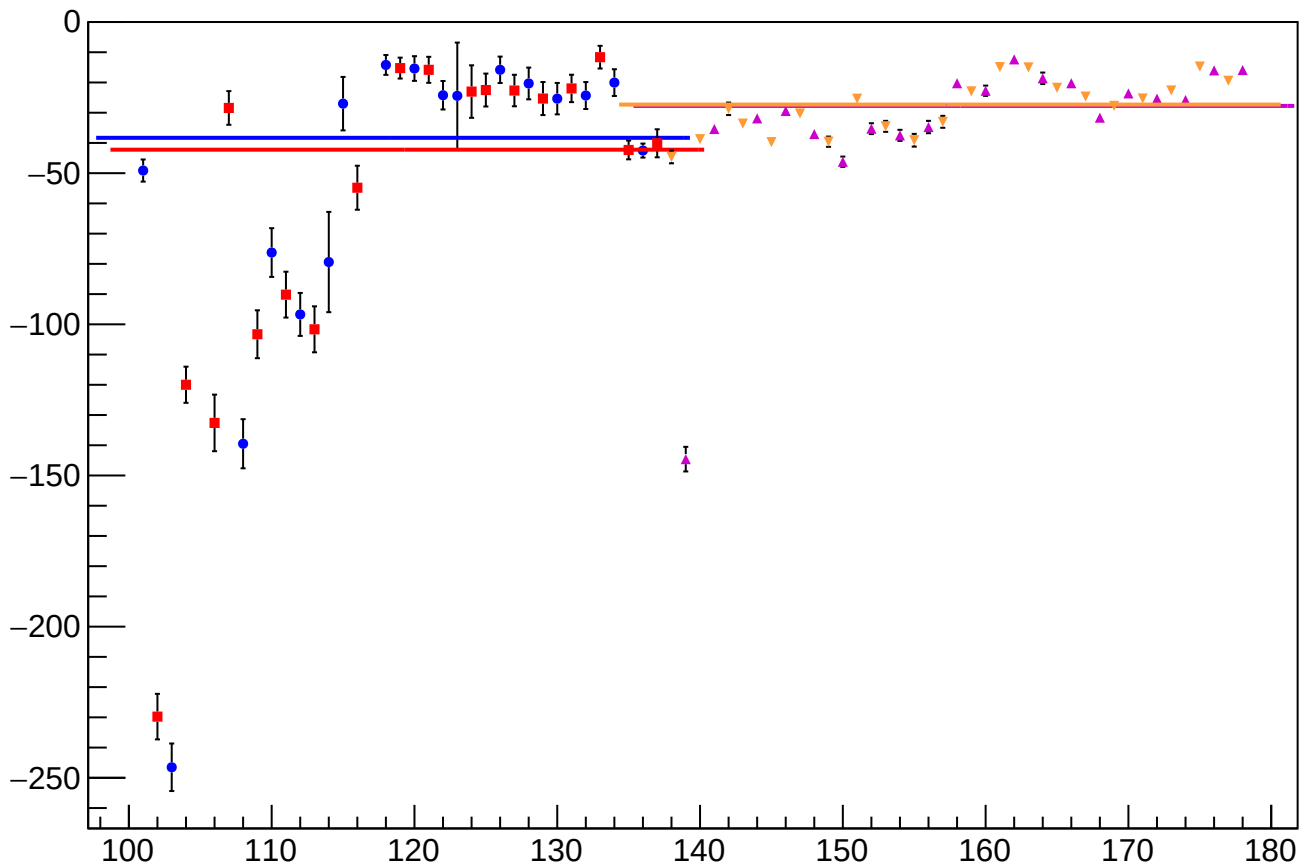
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.418+/-0.462 χ^2/NDF : 500.3/19

Out: -40.937+/-0.469 χ^2/NDF : 471.9/20

All: -40.167+/-0.329 χ^2/NDF : 977.5/40

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 χ^2/NDF : 1132.8/16

Left Out: -27.313 ± 0.354 χ^2/NDF : 584.6/20

Right Out: -42.231 ± 1.210 χ^2/NDF : 1278.1/17

Left In: -27.751 ± 0.357 χ^2/NDF : 1409.7/19

Left: -27.530 ± 0.251 χ^2/NDF : 1995.0/40

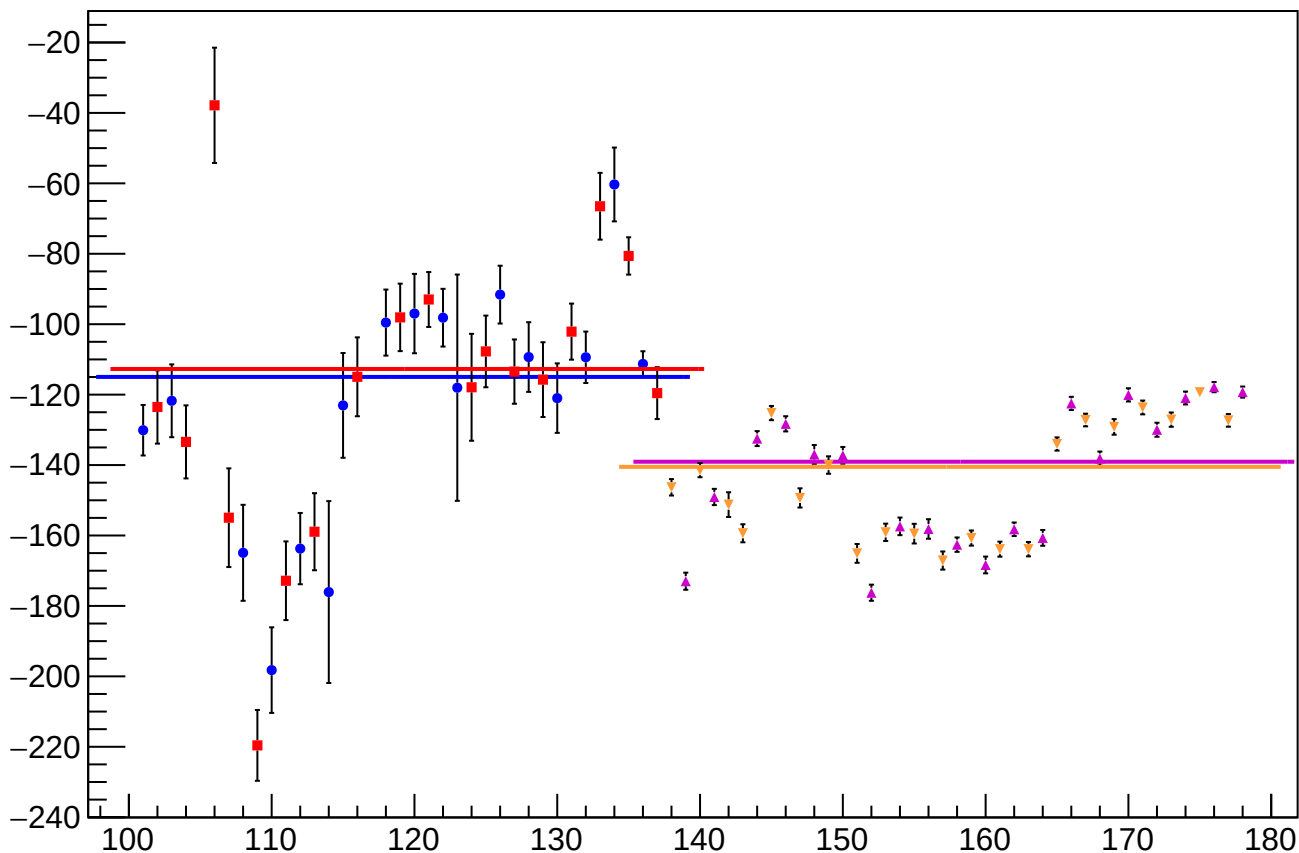
Right: -40.148 ± 0.829 χ^2/NDF : 2416.5/34

In: -28.699 ± 0.341 χ^2/NDF : 2620.7/36

Out: -28.488 ± 0.339 χ^2/NDF : 2002.8/38

All: -28.593 ± 0.241 χ^2/NDF : 4623.7/75

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -140.510 ± 0.468 χ^2/NDF : 1258.1/20

Right Out: -112.713 ± 2.210 χ^2/NDF : 267.1/17

Left In: -139.052 ± 0.460 χ^2/NDF : 1763.8/19

Left: -139.768 ± 0.328 χ^2/NDF : 3026.8/40

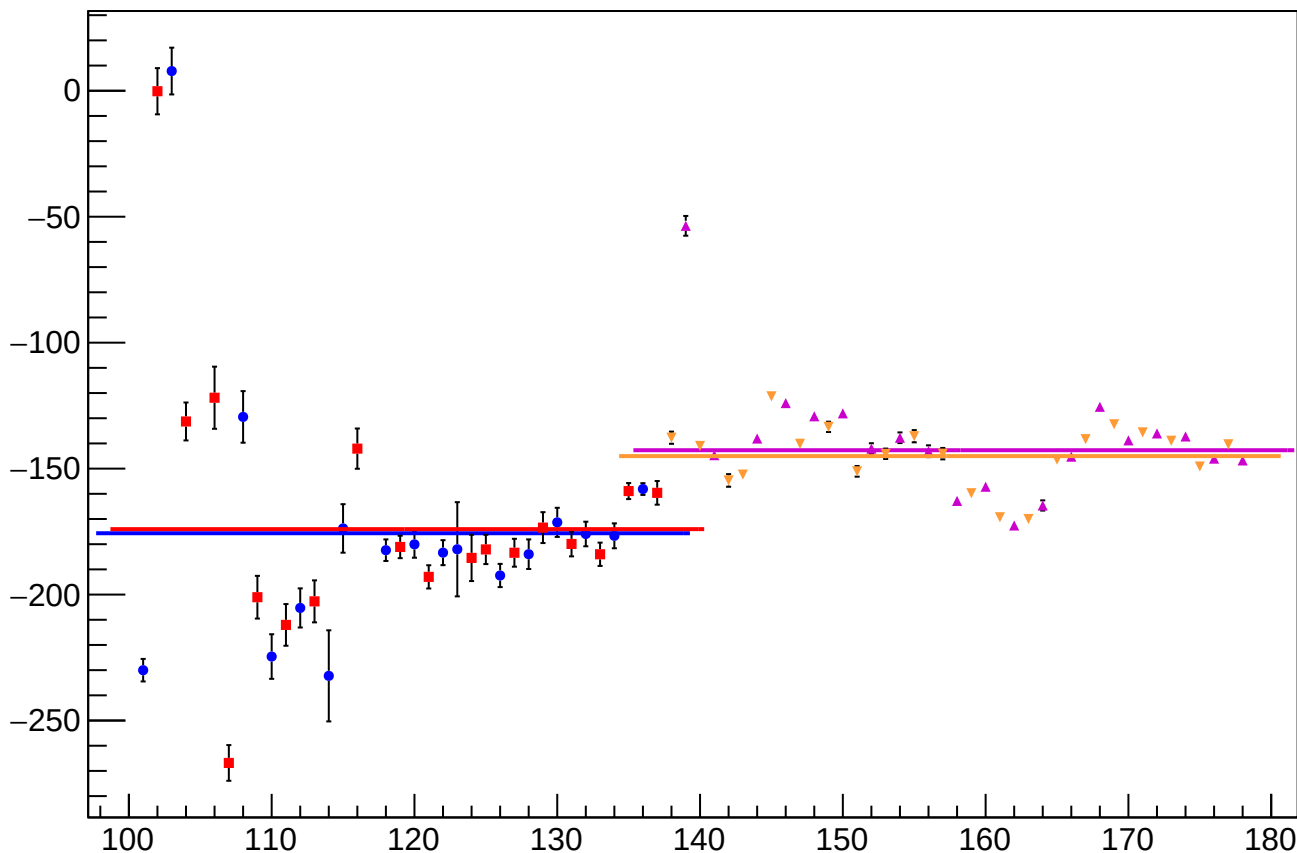
Right: -113.912 ± 1.513 χ^2/NDF : 409.1/34

In: -137.925 ± 0.449 χ^2/NDF : 2033.7/36

Out: -139.318 ± 0.458 χ^2/NDF : 1676.6/38

All: -138.608 ± 0.320 χ^2/NDF : 3715.0/75

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.035 ± 0.400 χ^2/NDF : 920.2/20

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.694 ± 0.402 χ^2/NDF : 1539.3/19

Left: -143.870 ± 0.284 χ^2/NDF : 2476.5/40

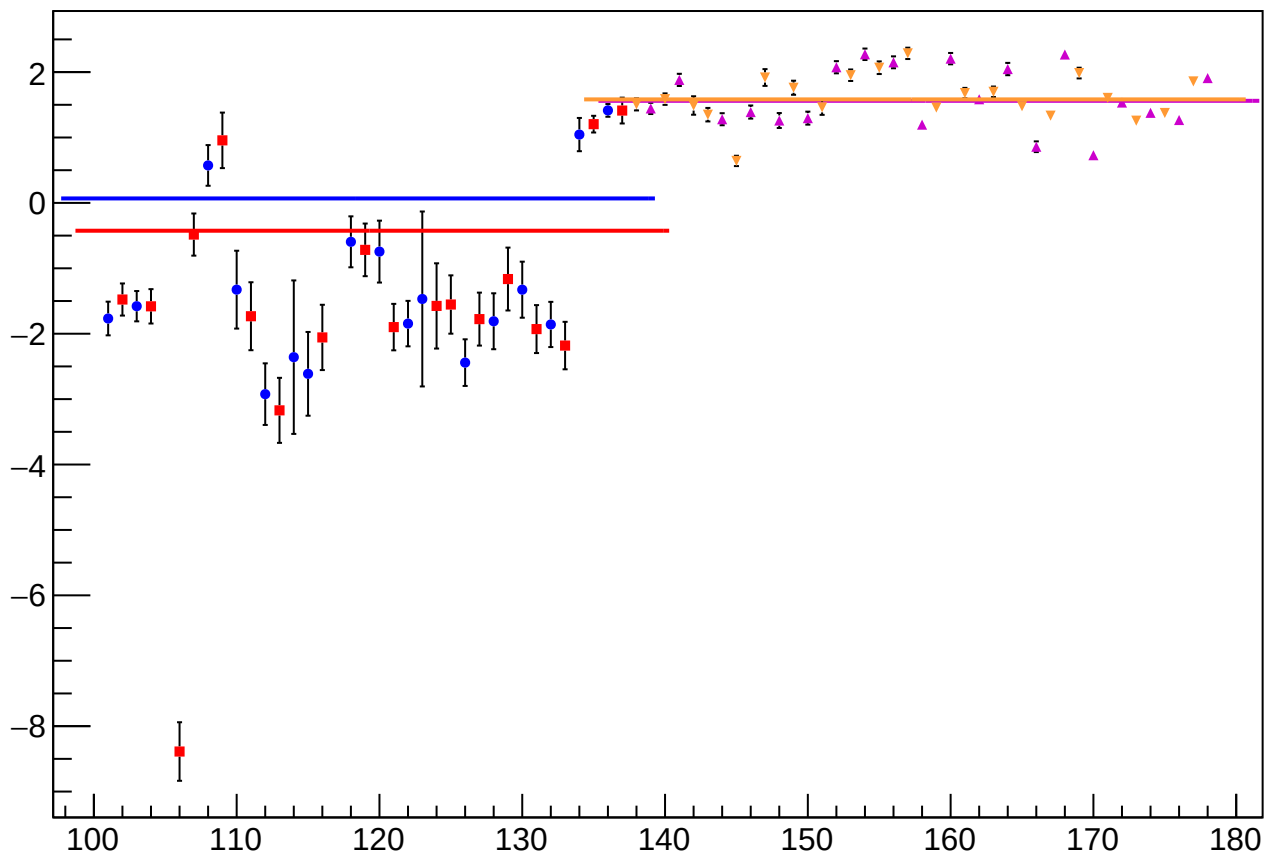
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.702 ± 0.383 χ^2/NDF : 2844.2/36

Out: -147.363 ± 0.384 χ^2/NDF : 2044.6/38

All: -146.531 ± 0.271 χ^2/NDF : 4898.1/75

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.583 ± 0.018 χ^2/NDF : 355.1/20

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.561 ± 0.018 χ^2/NDF : 645.5/19

Left: 1.572 ± 0.013 χ^2/NDF : 1001.3/40

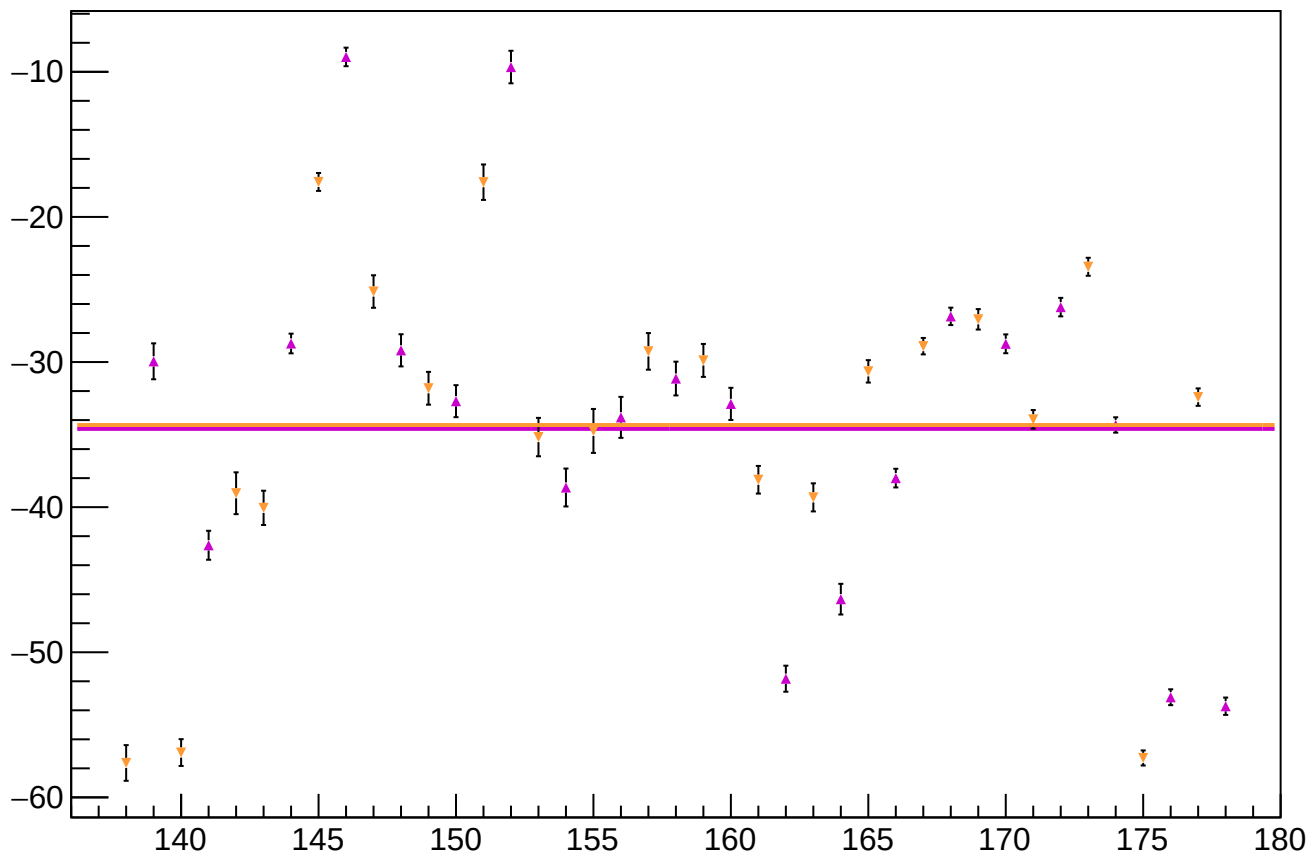
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.458 ± 0.018 χ^2/NDF : 1633.4/36

Out: 1.457 ± 0.018 χ^2/NDF : 1842.4/38

All: 1.457 ± 0.013 χ^2/NDF : 3475.8/75

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -34.341+/-0.180 χ^2/NDF :4557.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.606+/-0.173 χ^2/NDF :5416.4/19

Left: -34.478+/-0.125 χ^2/NDF : 9974.6/40

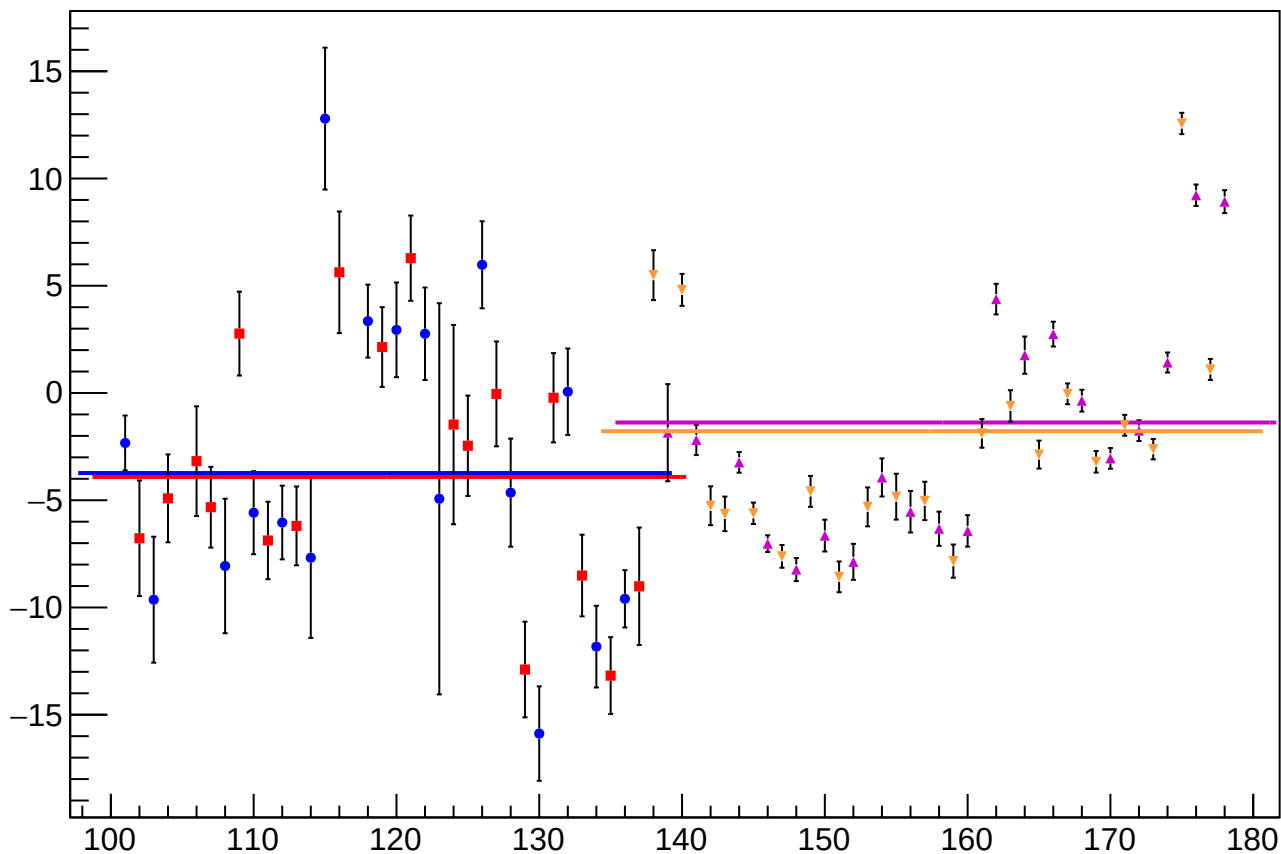
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.606+/-0.173 χ^2/NDF :5416.4/19

Out: -34.341+/-0.180 χ^2/NDF :4557.2/20

All: -34.478+/-0.125 χ^2/NDF : 9974.6/40

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -1.782 ± 0.137 χ^2/NDF : 1436.4/20

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -1.376 ± 0.133 χ^2/NDF : 1610.9/19

Left: -1.573 ± 0.096 χ^2/NDF : 3051.9/40

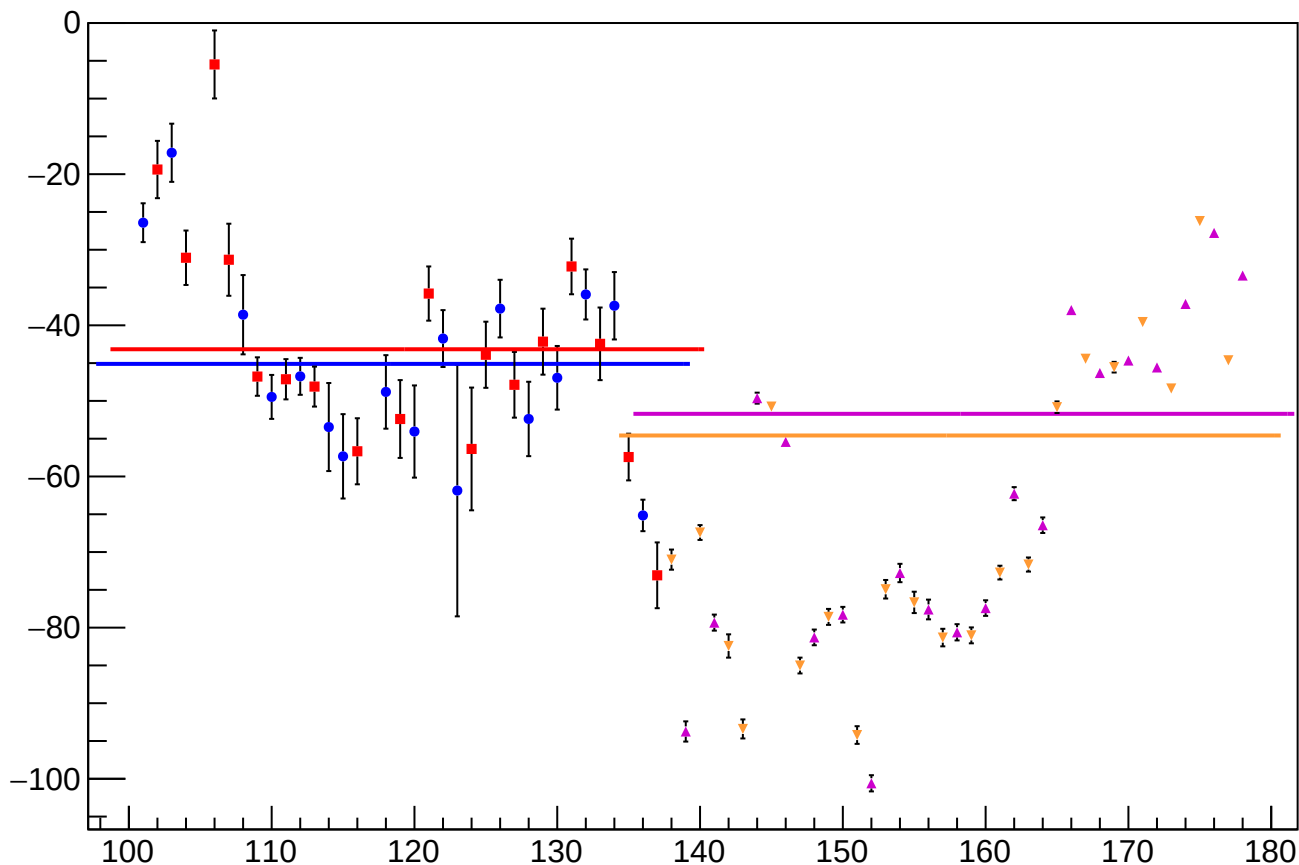
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -1.535 ± 0.129 χ^2/NDF : 1797.8/36

Out: -1.927 ± 0.132 χ^2/NDF : 1577.6/38

All: -1.725 ± 0.092 χ^2/NDF : 3380.0/75

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -54.576 ± 0.181 χ^2/NDF : 10925.4/20

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -51.711 ± 0.174 χ^2/NDF : 11926.6/19

Left: -53.087 ± 0.125 χ^2/NDF : 22982.6/40

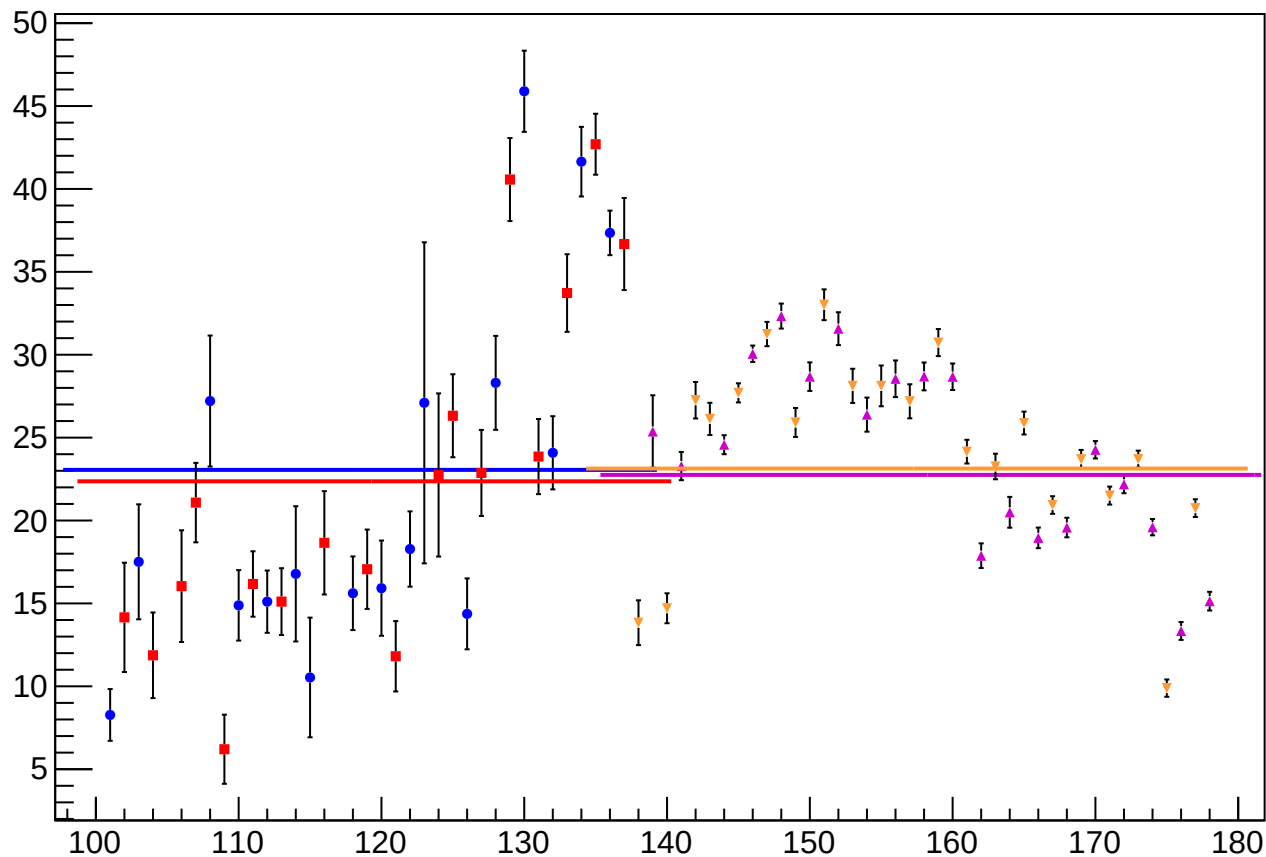
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -51.464 ± 0.170 χ^2/NDF : 12211.1/36

Out: -54.113 ± 0.177 χ^2/NDF : 11319.9/38

All: -52.739 ± 0.123 χ^2/NDF : 23647.2/75

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 23.134 $\pm$ 0.155 χ^2 /NDF:1320.0/20

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 22.752 $\pm$ 0.151 χ^2 /NDF:1317.0/19

Left: 22.938 $\pm$ 0.108 χ^2 /NDF: 2640.1/40

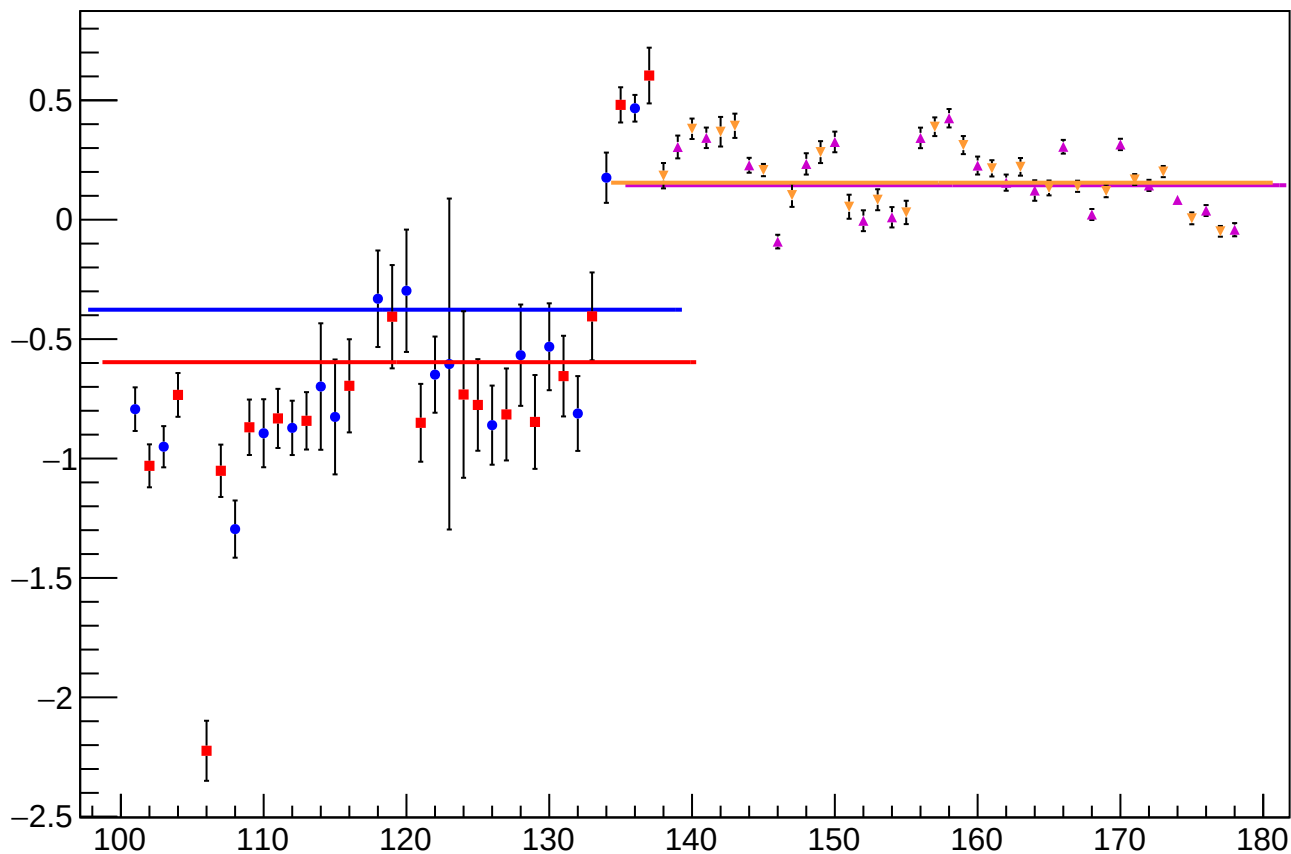
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 22.773 $\pm$ 0.146 χ^2 /NDF:1778.4/36

Out: 23.082 $\pm$ 0.149 χ^2 /NDF:1690.4/38

All: 22.923 $\pm$ 0.104 χ^2 /NDF: 3471.0/75

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.155 ± 0.007 χ^2/NDF : 272.9/20

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.144 ± 0.007 χ^2/NDF : 416.5/19

Left: 0.149 ± 0.005 χ^2/NDF : 690.6/40

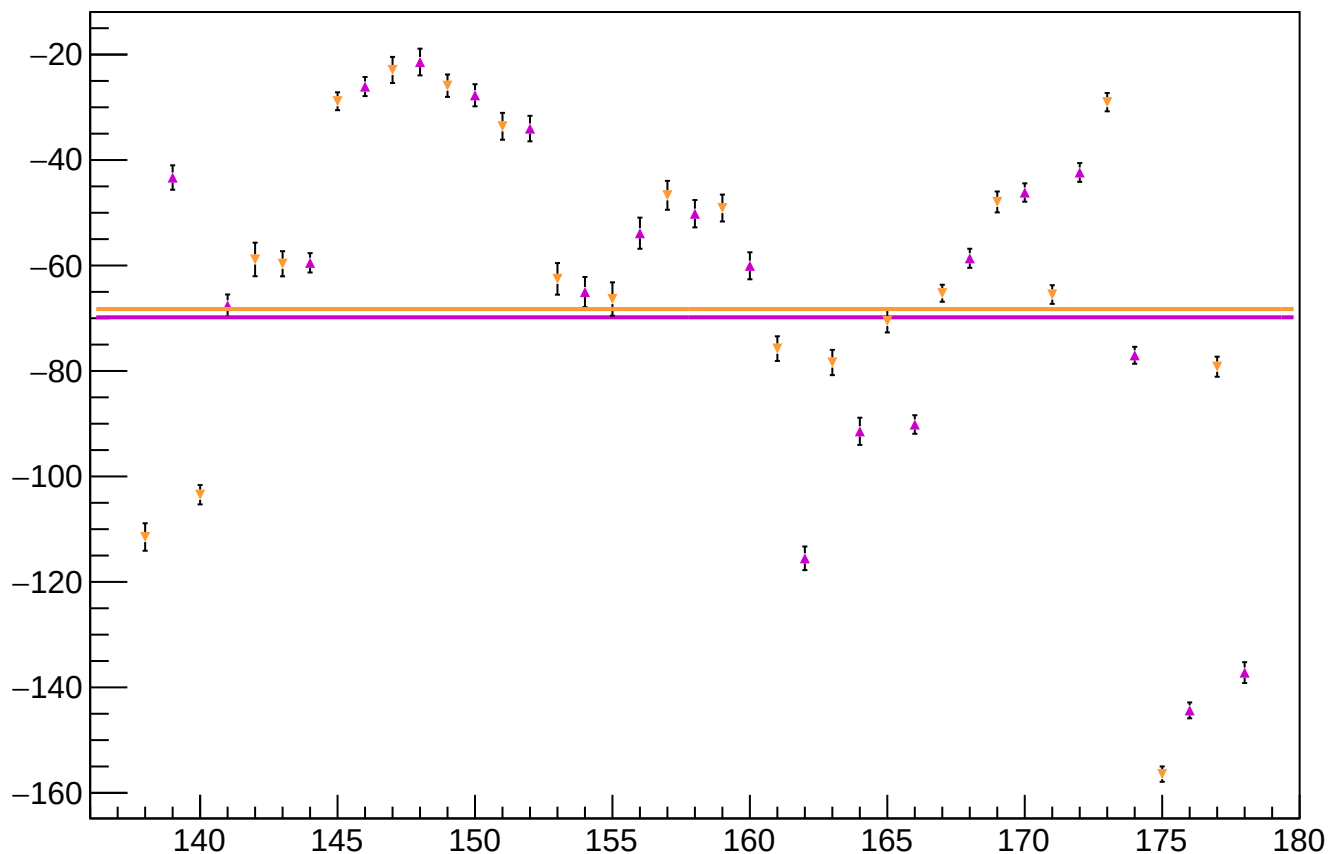
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.118 ± 0.007 χ^2/NDF : 1138.6/36

Out: 0.116 ± 0.007 χ^2/NDF : 1409.4/38

All: 0.117 ± 0.005 χ^2/NDF : 2548.1/75

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -68.256 $\pm$ 0.461 χ^2 /NDF:6602.6/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -69.823 $\pm$ 0.455 χ^2 /NDF:6556.5/19

Left: -69.049 $\pm$ 0.324 χ^2 /NDF: 13164.9/40

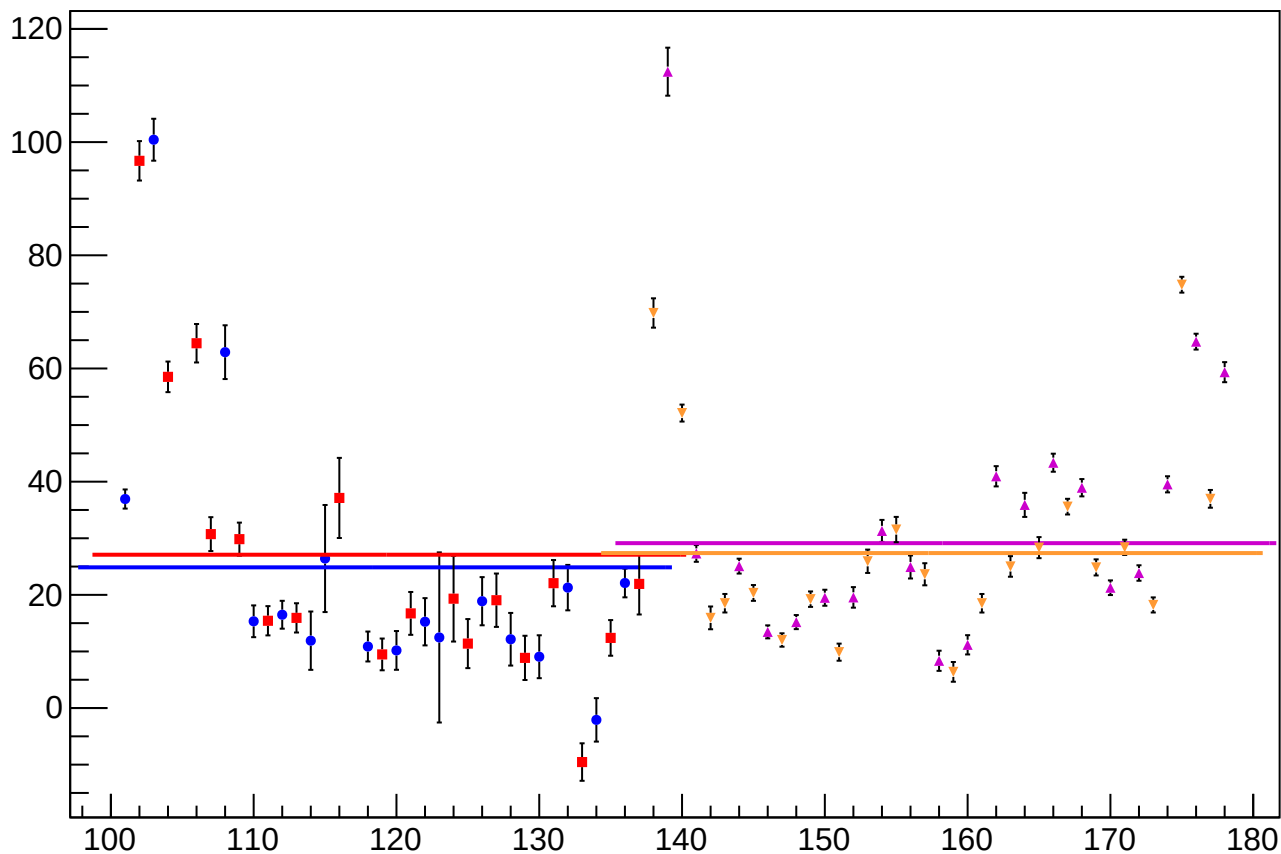
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -69.823 $\pm$ 0.455 χ^2 /NDF:6556.5/19

Out: -68.256 $\pm$ 0.461 χ^2 /NDF:6602.6/20

All: -69.049 $\pm$ 0.324 χ^2 /NDF: 13164.9/40

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 27.384 ± 0.344 χ^2/NDF : 2421.2/20

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 29.136 ± 0.348 χ^2/NDF : 2250.8/19

Left: 28.250 ± 0.245 χ^2/NDF : 4684.8/40

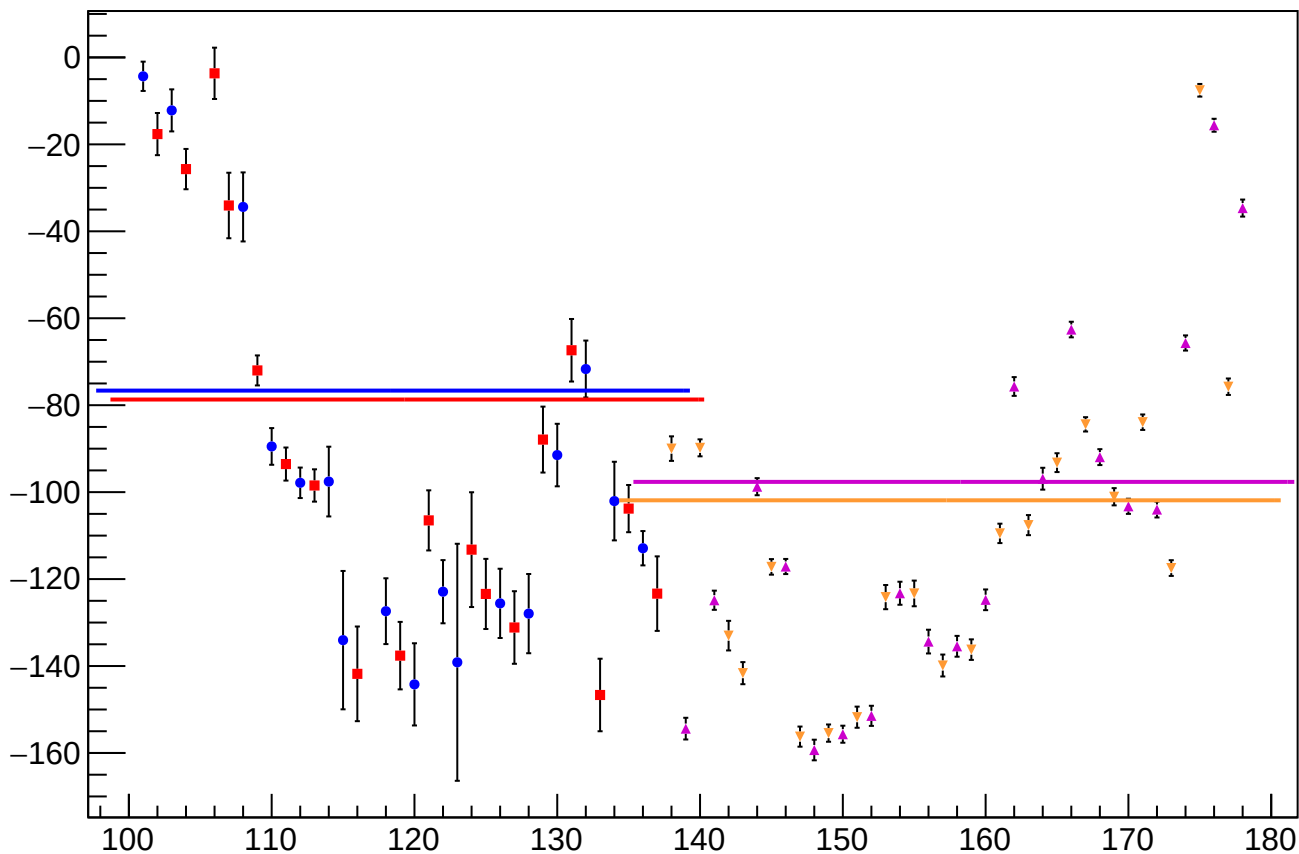
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 28.459 ± 0.319 χ^2/NDF : 2965.7/36

Out: 27.340 ± 0.317 χ^2/NDF : 3352.2/38

All: 27.895 ± 0.225 χ^2/NDF : 6324.2/75

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -101.879 ± 0.460 $\chi^2/\text{NDF}: 7422.0/20$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -97.641 ± 0.454 $\chi^2/\text{NDF}: 8457.3/19$

Left: -99.731 ± 0.323 $\chi^2/\text{NDF}: 15922.3/40$

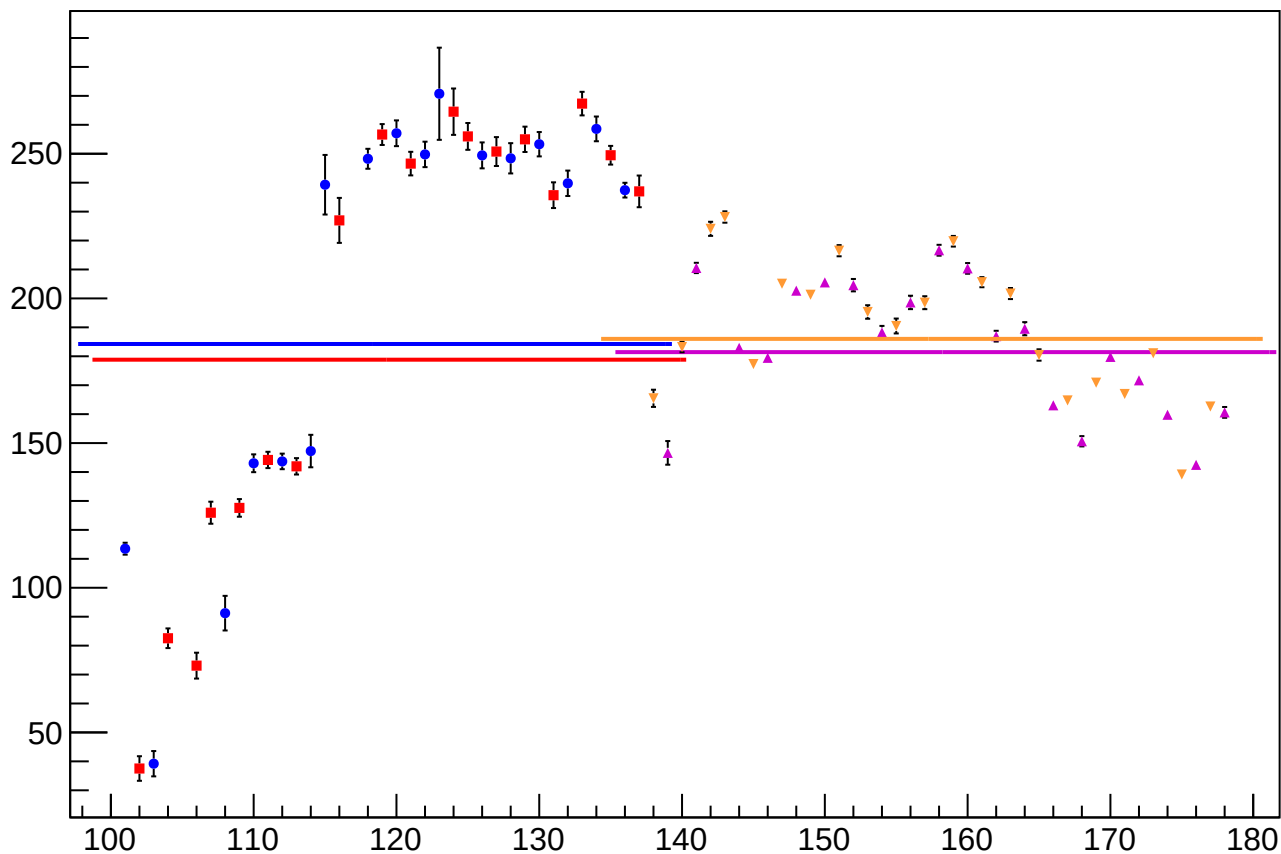
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -95.682 ± 0.432 $\chi^2/\text{NDF}: 9697.8/36$

Out: -99.498 ± 0.436 $\chi^2/\text{NDF}: 8519.2/38$

All: -97.574 ± 0.307 $\chi^2/\text{NDF}: 18255.7/75$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246+/-0.915 χ^2/NDF : 5388.6/16

Left Out: 186.015+/-0.392 χ^2/NDF : 3507.1/20

Right Out: 178.822+/-0.926 χ^2/NDF : 6171.0/17

Left In: 181.438+/-0.395 χ^2/NDF : 2971.4/19

Left: 183.741+/-0.278 χ^2/NDF : 6546.2/40

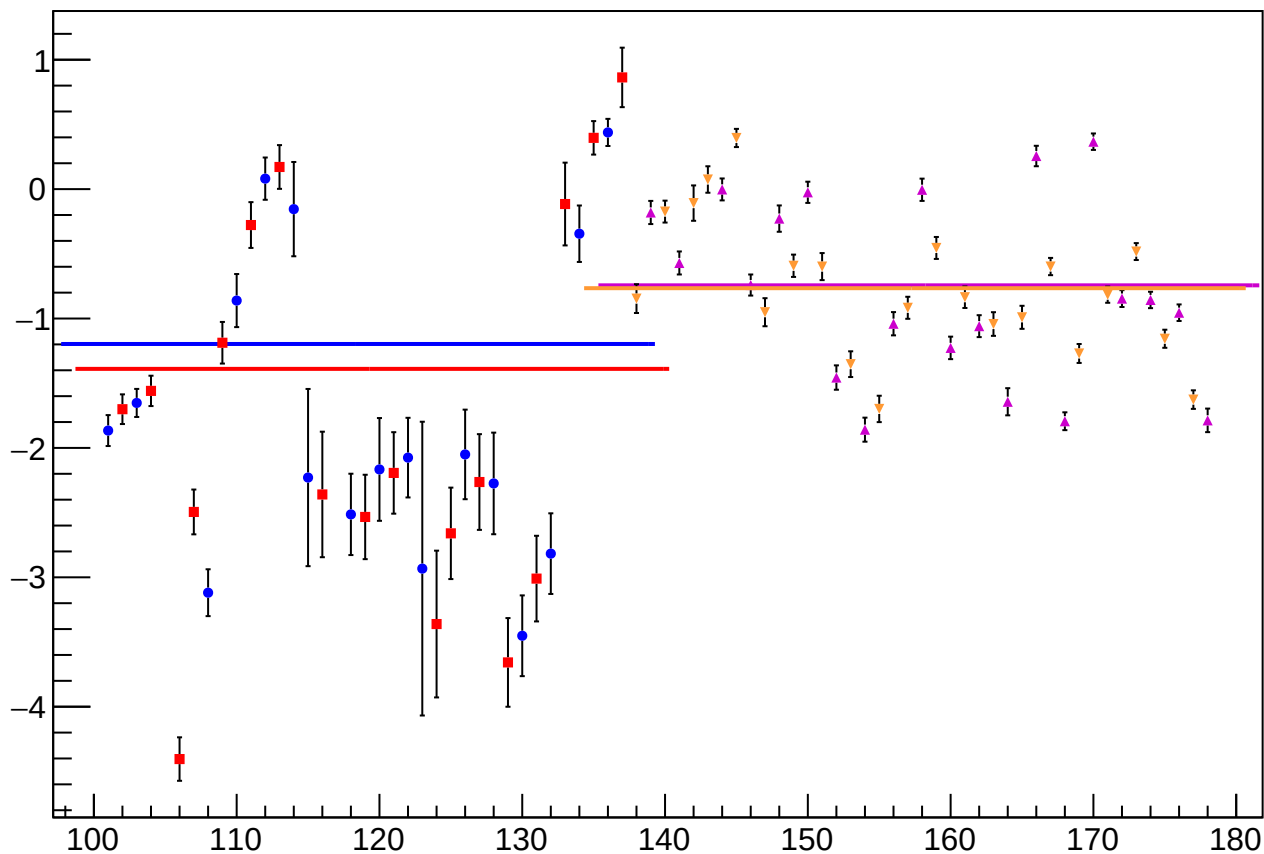
Right: 181.565+/-0.651 χ^2/NDF : 11576.9/34

In: 181.878+/-0.362 χ^2/NDF : 8367.9/36

Out: 184.921+/-0.361 χ^2/NDF : 9729.2/38

All: 183.405+/-0.256 χ^2/NDF : 18132.6/75

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: -0.766 ± 0.018 $\chi^2/\text{NDF}: 822.2/20$

Right Out: -1.389 ± 0.046 $\chi^2/\text{NDF}: 922.2/17$

Left In: -0.744 ± 0.018 $\chi^2/\text{NDF}: 1472.0/19$

Left: -0.754 ± 0.013 $\chi^2/\text{NDF}: 2295.0/40$

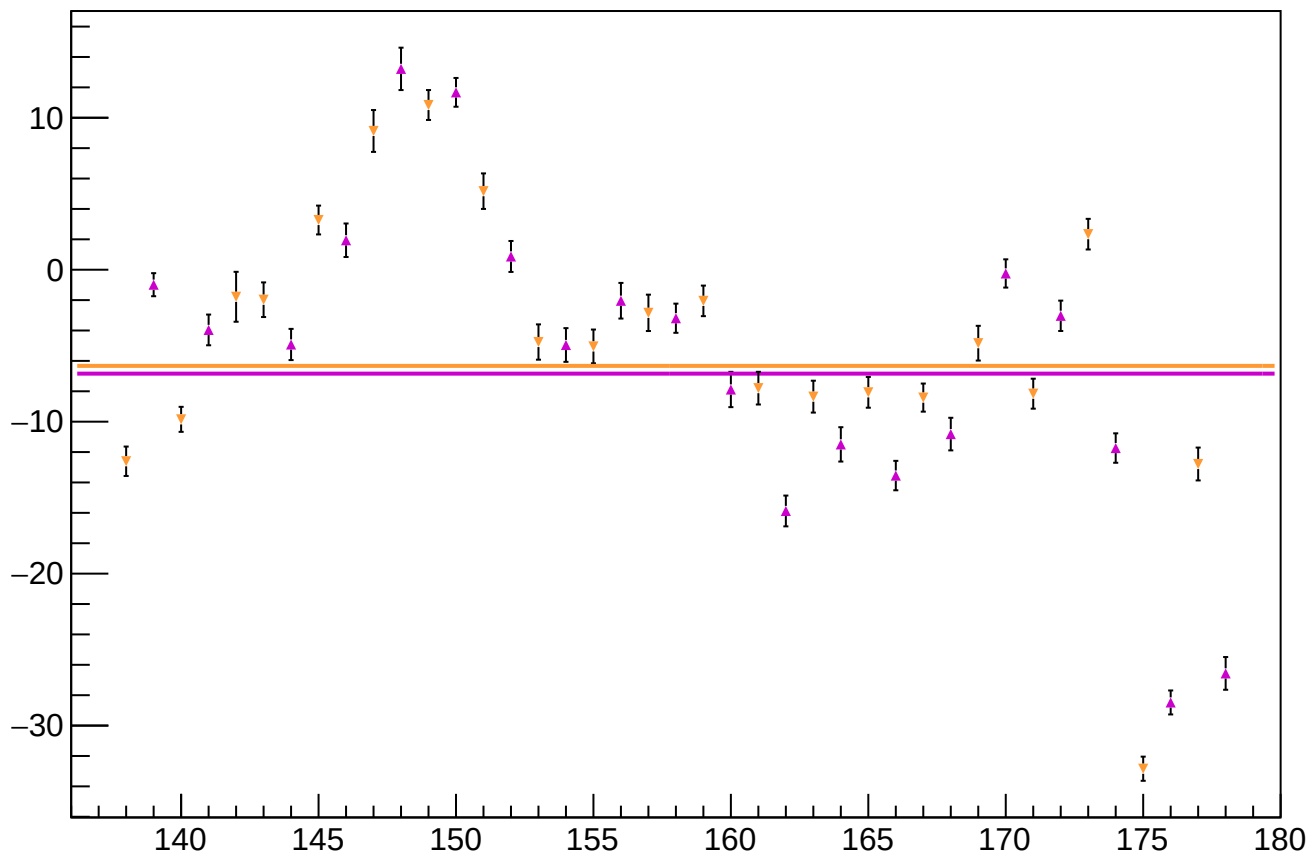
Right: -1.297 ± 0.033 $\chi^2/\text{NDF}: 1552.0/34$

In: -0.799 ± 0.017 $\chi^2/\text{NDF}: 2171.4/36$

Out: -0.849 ± 0.017 $\chi^2/\text{NDF}: 1903.1/38$

All: -0.824 ± 0.012 $\chi^2/\text{NDF}: 4078.9/75$

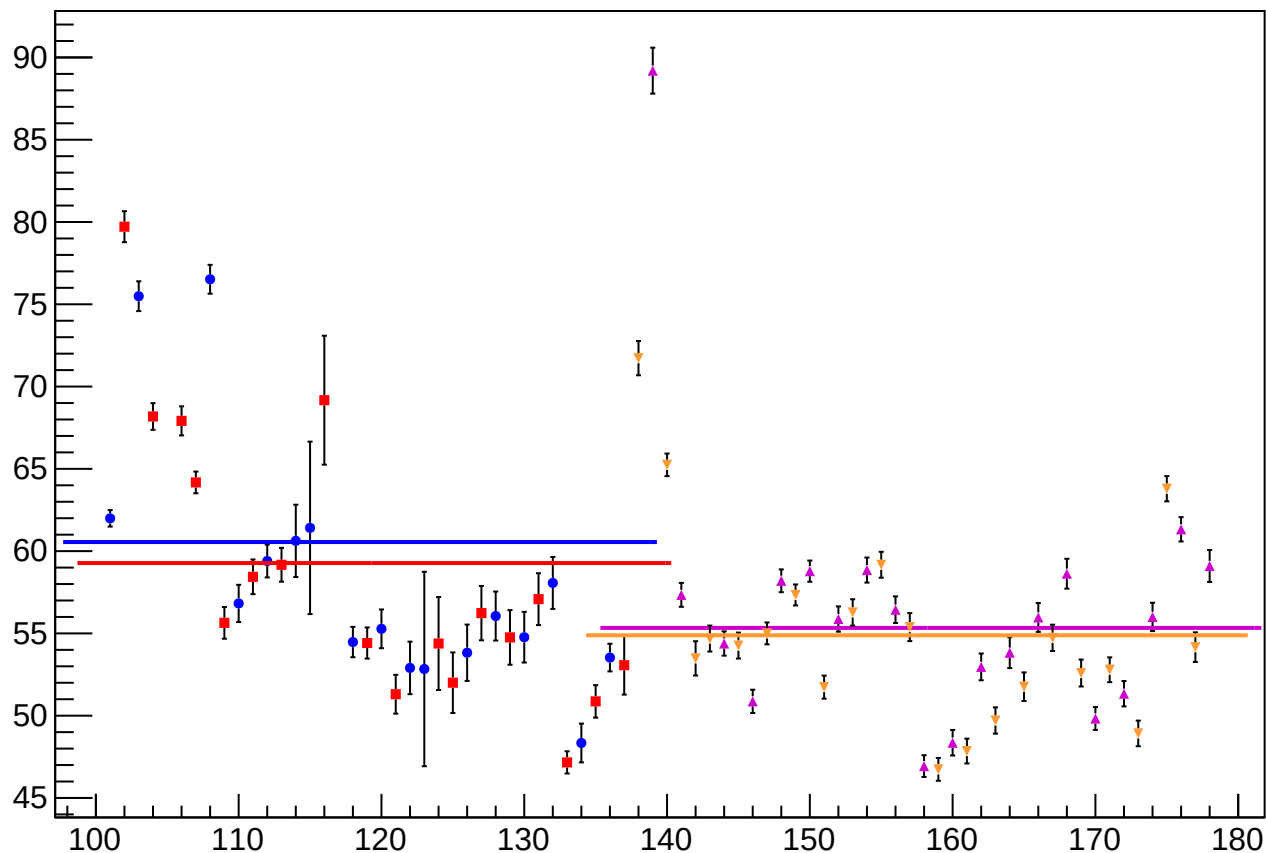
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.838+/-0.225 χ^2/NDF :2151.5/19

Left: -6.586+/-0.160 χ^2/NDF : 4136.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.838+/-0.225 χ^2/NDF :2151.5/19
 Out: -6.328+/-0.227 χ^2/NDF :1982.5/20
 All: -6.586+/-0.160 χ^2/NDF : 4136.6/40

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: 54.885 ± 0.170 $\chi^2/\text{NDF}: 1049.7/20$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.334 ± 0.175 $\chi^2/\text{NDF}: 1144.2/19$

Left: 55.104 ± 0.122 $\chi^2/\text{NDF}: 2197.3/40$

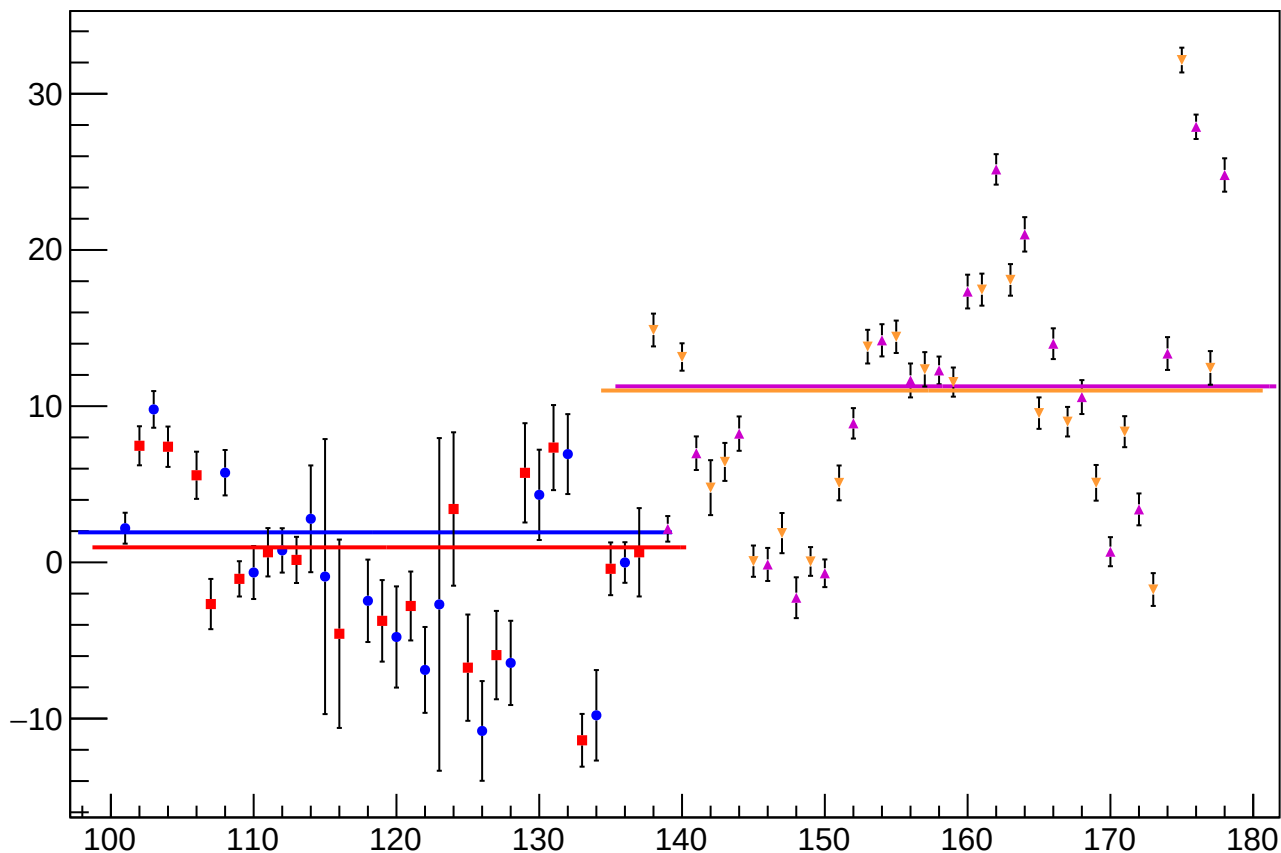
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 56.942 ± 0.145 $\chi^2/\text{NDF}: 2350.1/36$

Out: 56.282 ± 0.140 $\chi^2/\text{NDF}: 2536.8/38$

All: 56.600 ± 0.101 $\chi^2/\text{NDF}: 4897.5/75$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 11.002 ± 0.225 χ^2/NDF : 1393.5/20

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 11.269 ± 0.223 χ^2/NDF : 1694.7/19

Left: 11.137 ± 0.158 χ^2/NDF : 3088.9/40

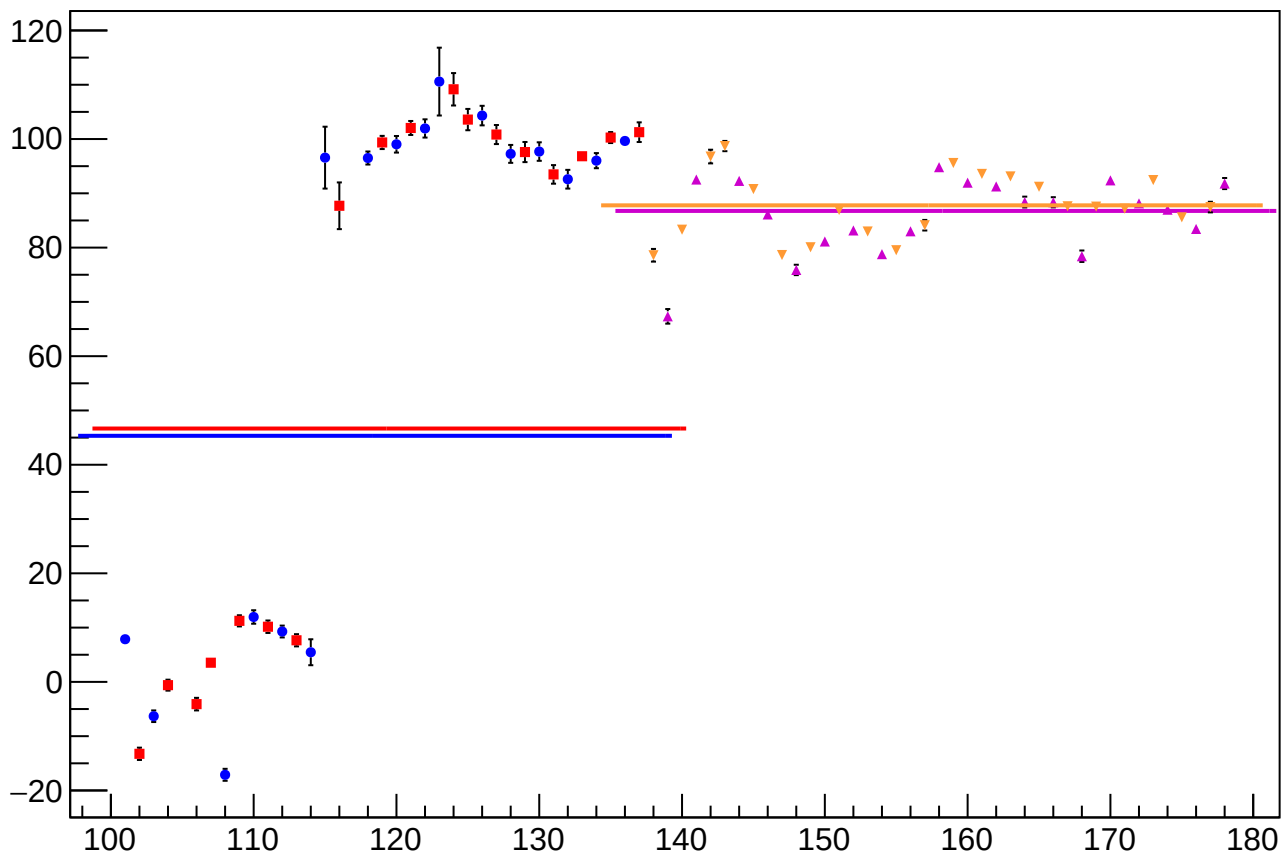
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 9.485 ± 0.200 χ^2/NDF : 2152.3/36

Out: 8.839 ± 0.199 χ^2/NDF : 1971.9/38

All: 9.161 ± 0.141 χ^2/NDF : 4129.5/75

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.786 $\pm$ 0.193 χ^2 /NDF: 876.8/20

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.756 $\pm$ 0.196 χ^2 /NDF: 962.3/19

Left: 87.280 $\pm$ 0.138 χ^2 /NDF: 1853.0/40

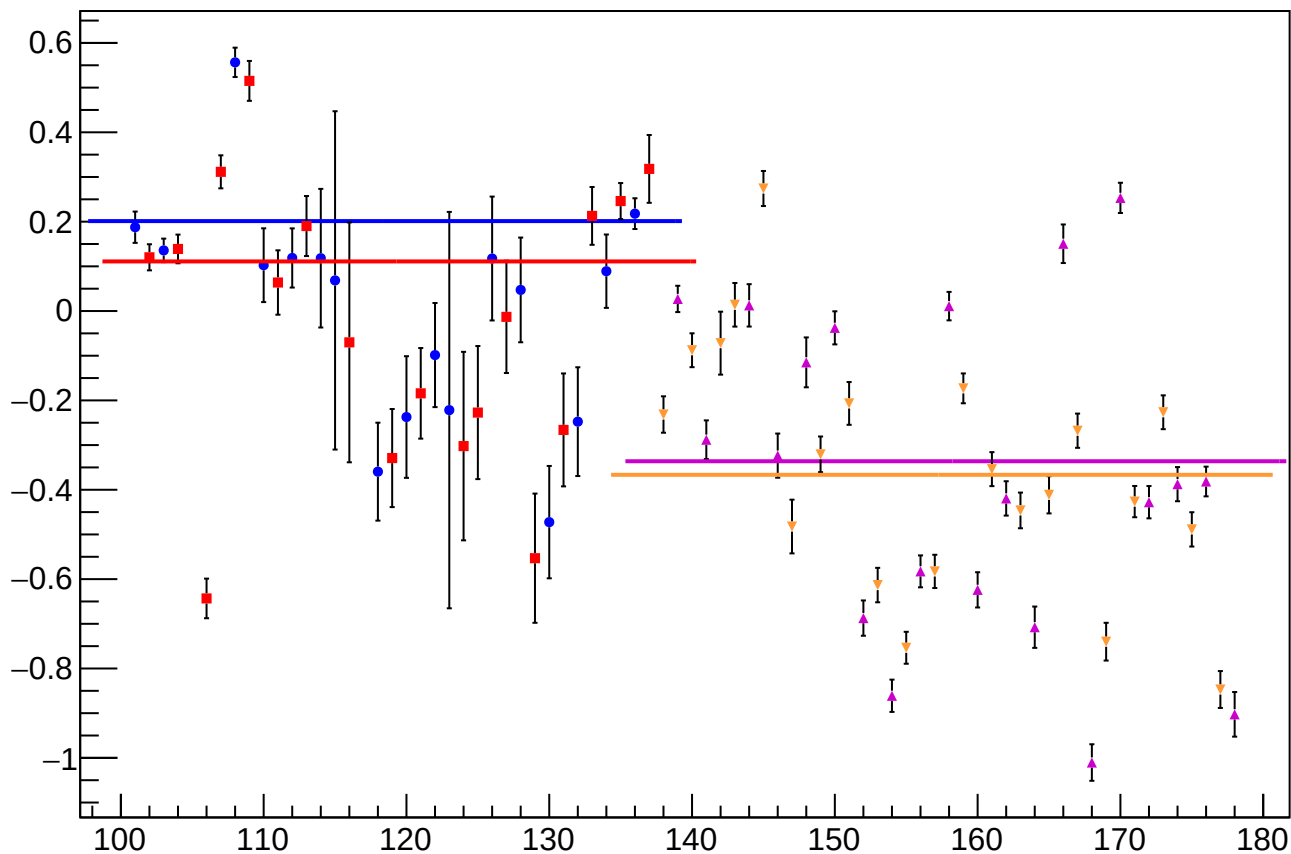
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 74.531 $\pm$ 0.165 χ^2 /NDF: 39092.7/36

Out: 75.204 $\pm$ 0.161 χ^2 /NDF: 42647.7/38

All: 74.876 $\pm$ 0.115 χ^2 /NDF: 81749.0/75

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 $\chi^2/\text{NDF}: 217.3/16$

Left Out: -0.367 ± 0.009 $\chi^2/\text{NDF}: 904.1/20$

Right Out: 0.111 ± 0.013 $\chi^2/\text{NDF}: 489.6/17$

Left In: -0.336 ± 0.009 $\chi^2/\text{NDF}: 1709.1/19$

Left: -0.351 ± 0.006 $\chi^2/\text{NDF}: 2619.2/40$

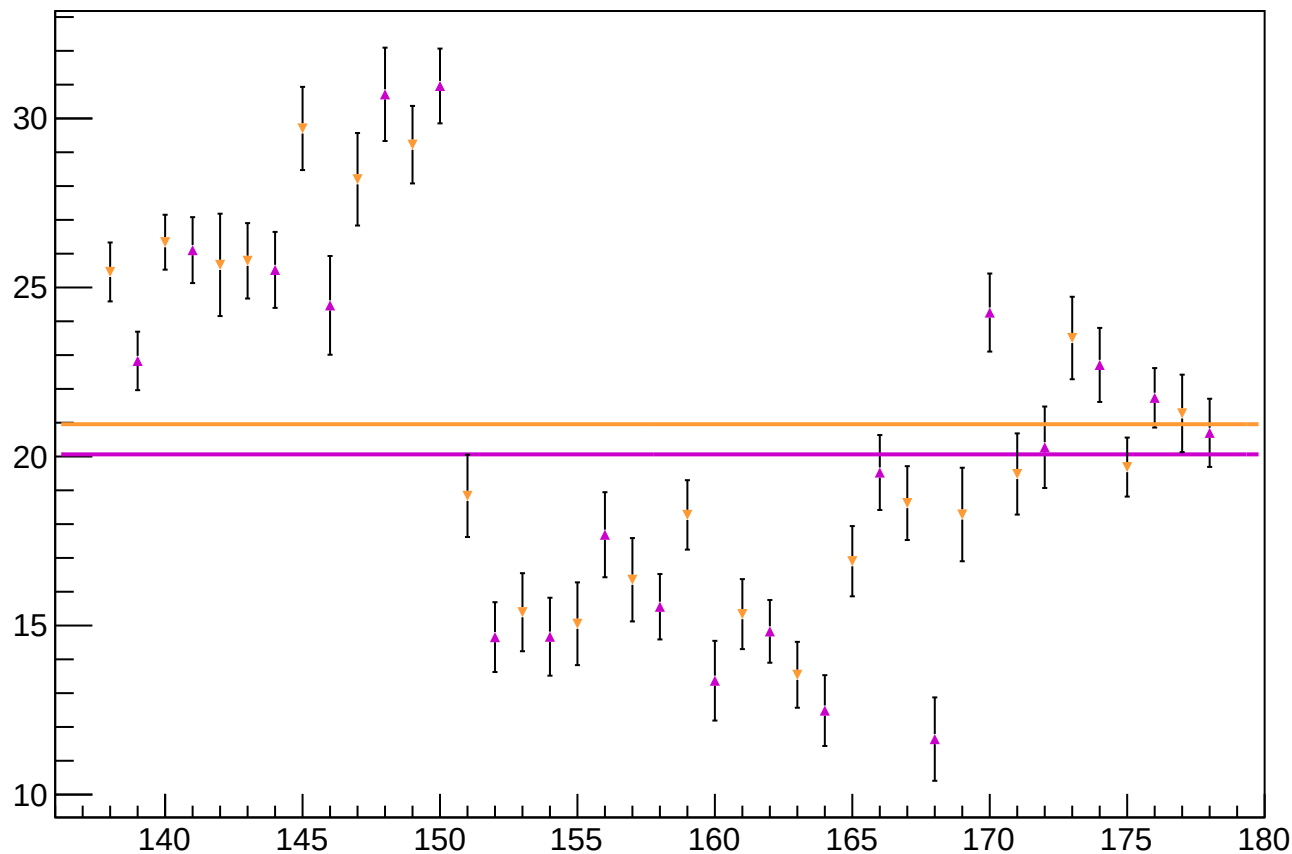
Right: 0.153 ± 0.010 $\chi^2/\text{NDF}: 728.8/34$

In: -0.188 ± 0.007 $\chi^2/\text{NDF}: 2987.5/36$

Out: -0.219 ± 0.007 $\chi^2/\text{NDF}: 2302.3/38$

All: -0.204 ± 0.005 $\chi^2/\text{NDF}: 5298.8/75$

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 20.064 $\pm$ 0.241 χ^2 /NDF:498.9/19

Left: 20.513 $\pm$ 0.170 χ^2 /NDF: 924.6/40

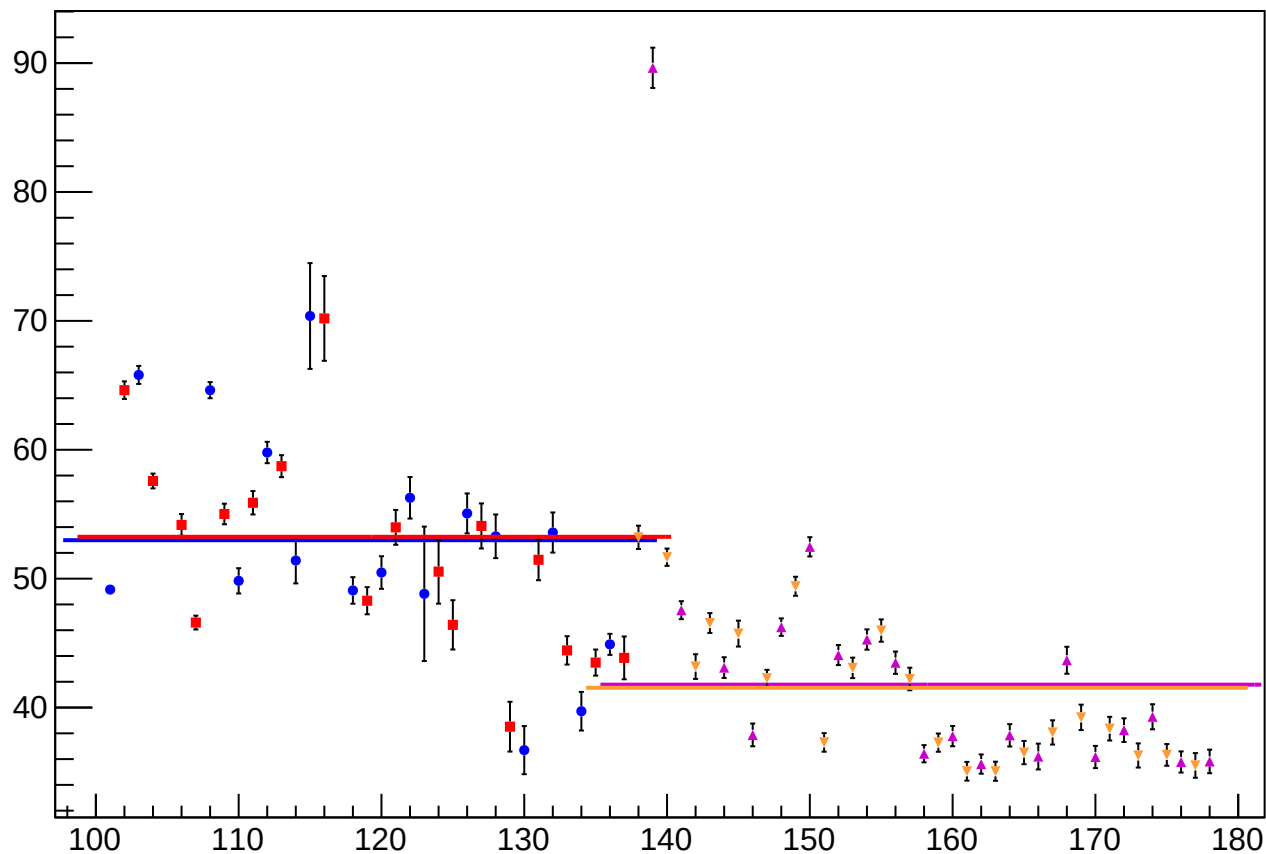
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.064 $\pm$ 0.241 χ^2 /NDF:498.9/19

Out: 20.955 $\pm$ 0.239 χ^2 /NDF:418.8/20

All: 20.513 $\pm$ 0.170 χ^2 /NDF: 924.6/40

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.532 $\pm$ 0.178 χ^2 /NDF:1002.1/20

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.776 $\pm$ 0.186 χ^2 /NDF:1680.7/19

Left: 41.649 $\pm$ 0.129 χ^2 /NDF: 2683.7/40

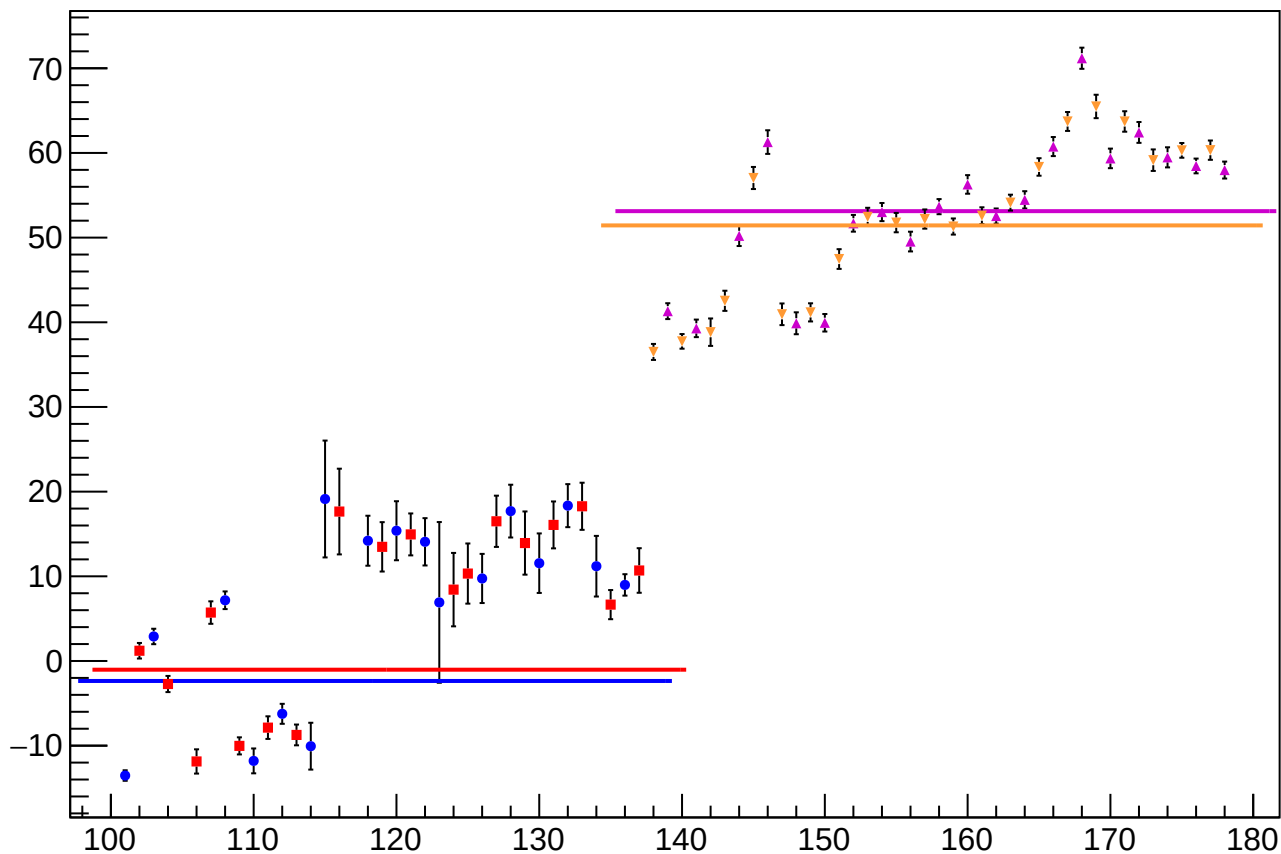
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.684 $\pm$ 0.139 χ^2 /NDF:4475.3/36

Out: 45.993 $\pm$ 0.140 χ^2 /NDF:3502.6/38

All: 46.341 $\pm$ 0.099 χ^2 /NDF: 7990.1/75

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.441 ± 0.238 χ^2/NDF : 1390.4/20

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.125 ± 0.238 χ^2/NDF : 1097.7/19

Left: 52.281 ± 0.168 χ^2/NDF : 2513.0/40

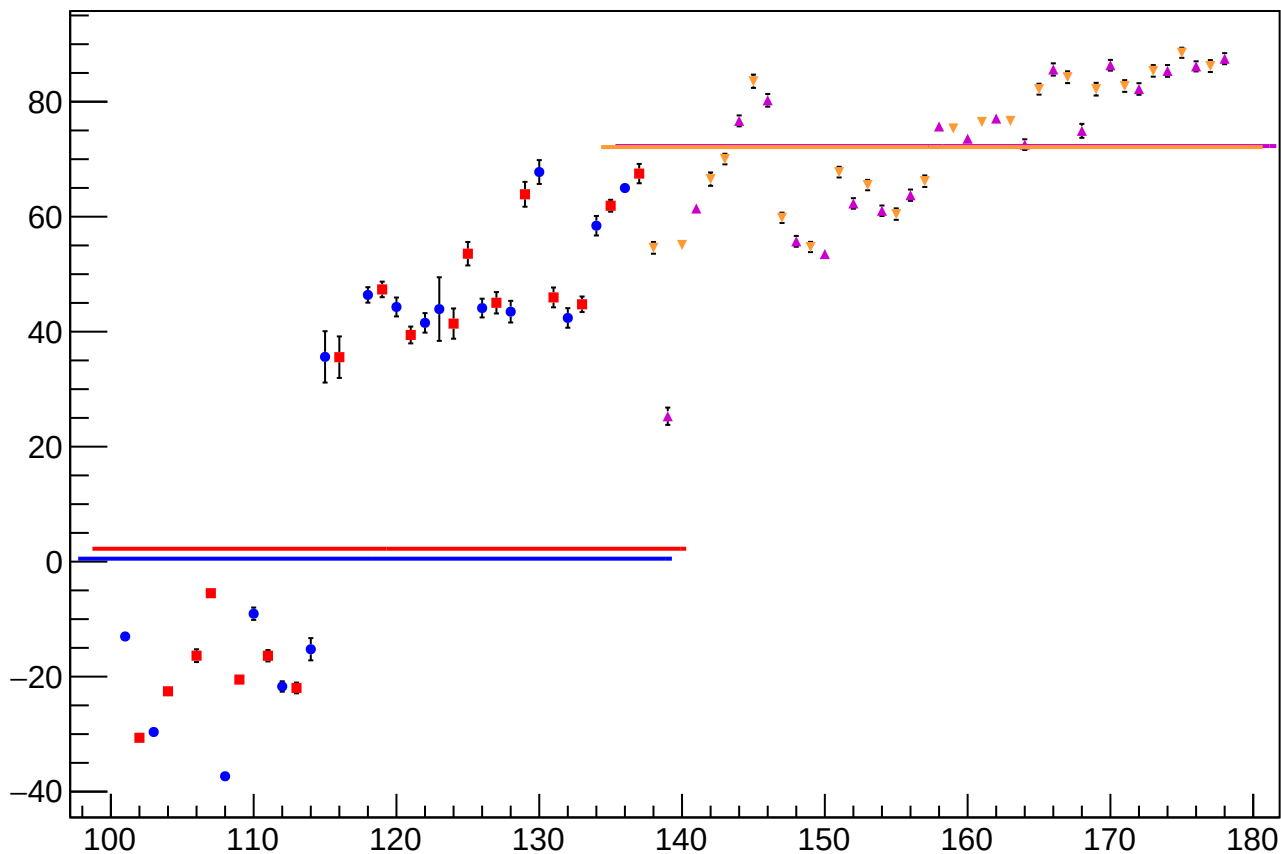
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 36.482 ± 0.199 χ^2/NDF : 18189.1/36

Out: 36.685 ± 0.202 χ^2/NDF : 15583.3/38

All: 36.582 ± 0.142 χ^2/NDF : 33772.8/75

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 72.106 ± 0.203 $\chi^2/\text{NDF}: 2909.1/20$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 72.287 ± 0.209 $\chi^2/\text{NDF}: 3545.9/19$

Left: 72.194 ± 0.146 $\chi^2/\text{NDF}: 6455.3/40$

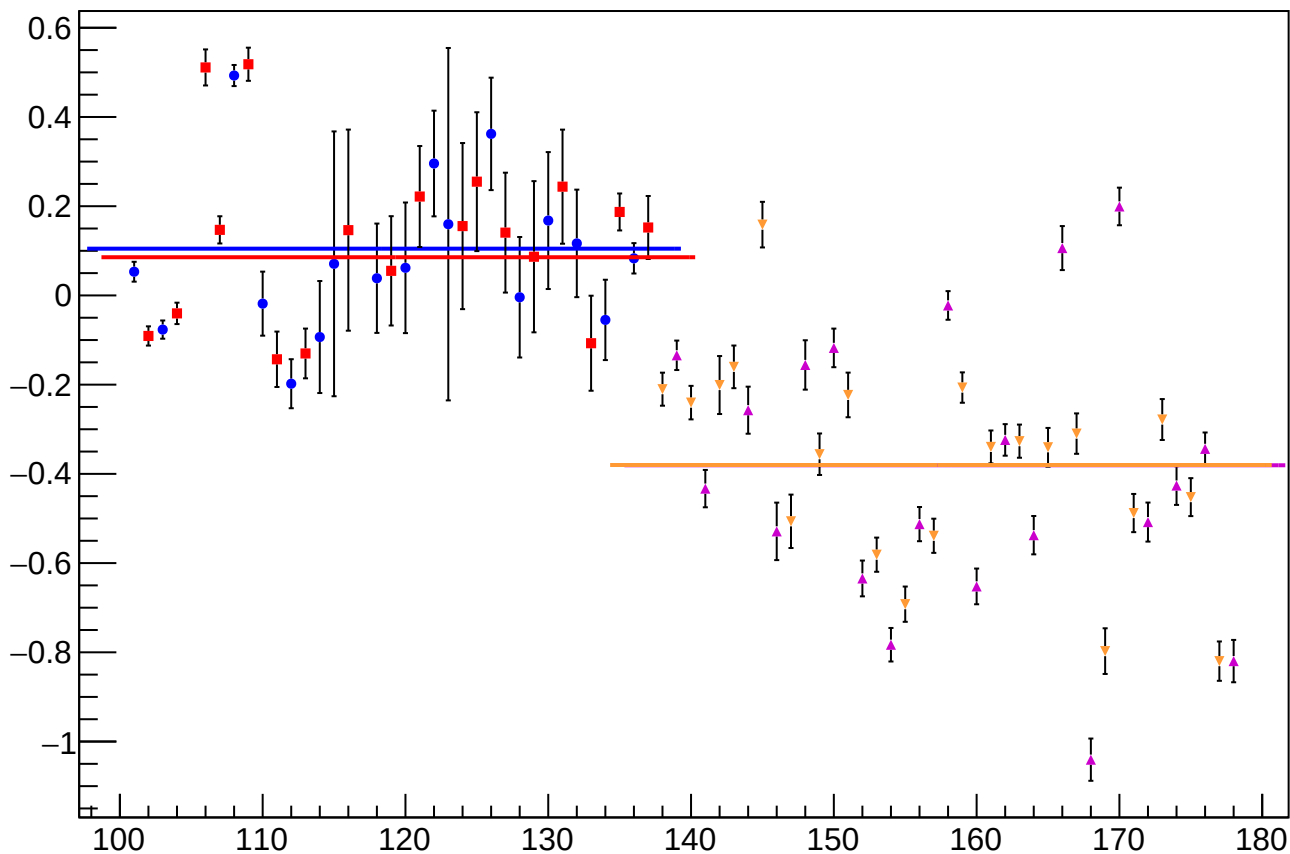
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 42.327 ± 0.160 $\chi^2/\text{NDF}: 71143.1/36$

Out: 46.516 ± 0.162 $\chi^2/\text{NDF}: 61537.0/38$

All: 44.391 ± 0.114 $\chi^2/\text{NDF}: 133019.9/75$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.380 ± 0.009 $\chi^2/\text{NDF}: 508.8/20$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.381 ± 0.009 $\chi^2/\text{NDF}: 1051.6/19$

Left: -0.380 ± 0.007 $\chi^2/\text{NDF}: 1560.4/40$

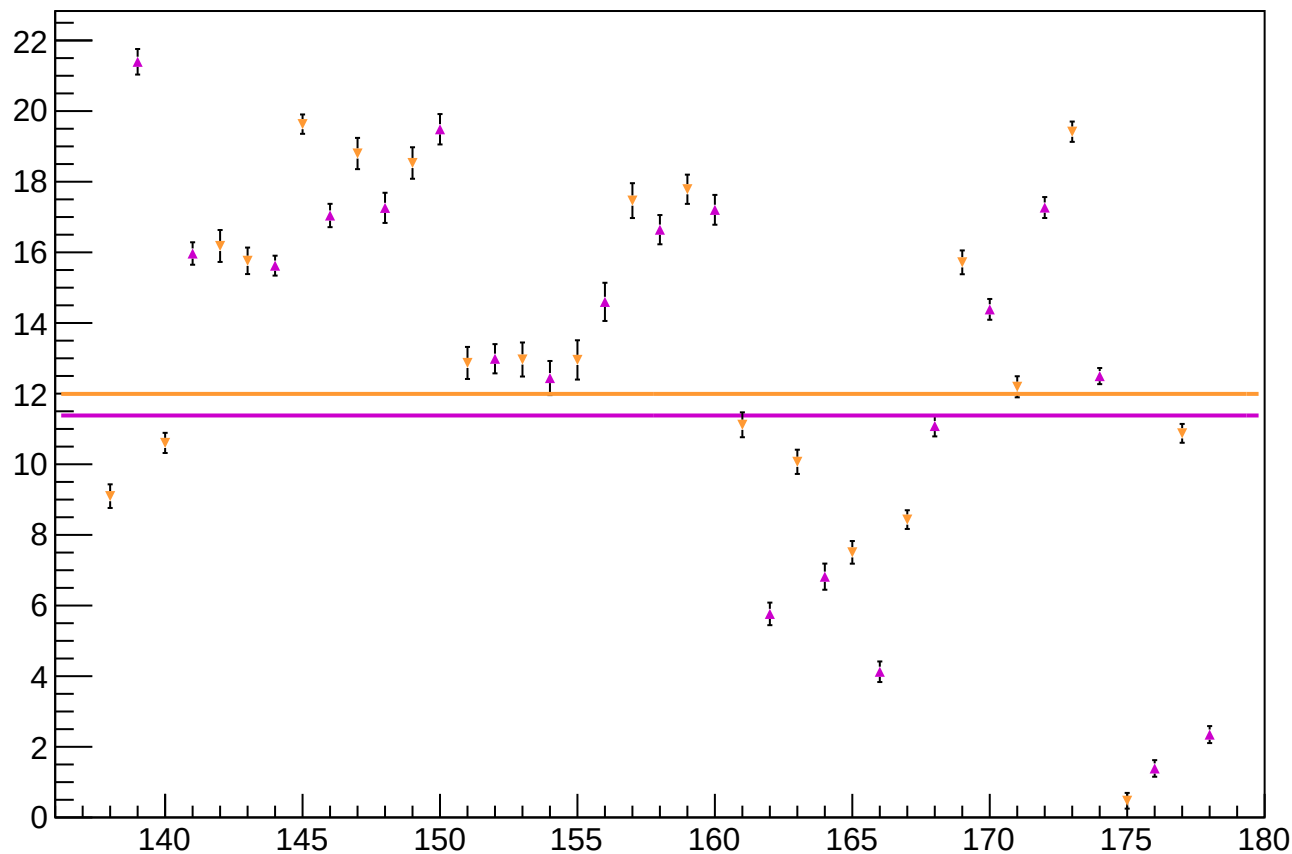
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.179 ± 0.007 $\chi^2/\text{NDF}: 2584.0/36$

Out: -0.187 ± 0.007 $\chi^2/\text{NDF}: 1929.1/38$

All: -0.183 ± 0.005 $\chi^2/\text{NDF}: 4513.7/75$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 11.992+/-0.073 χ^2/NDF :5747.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.381+/-0.072 χ^2/NDF :7270.7/19

Left: 11.681+/-0.051 χ^2/NDF : 13053.2/40

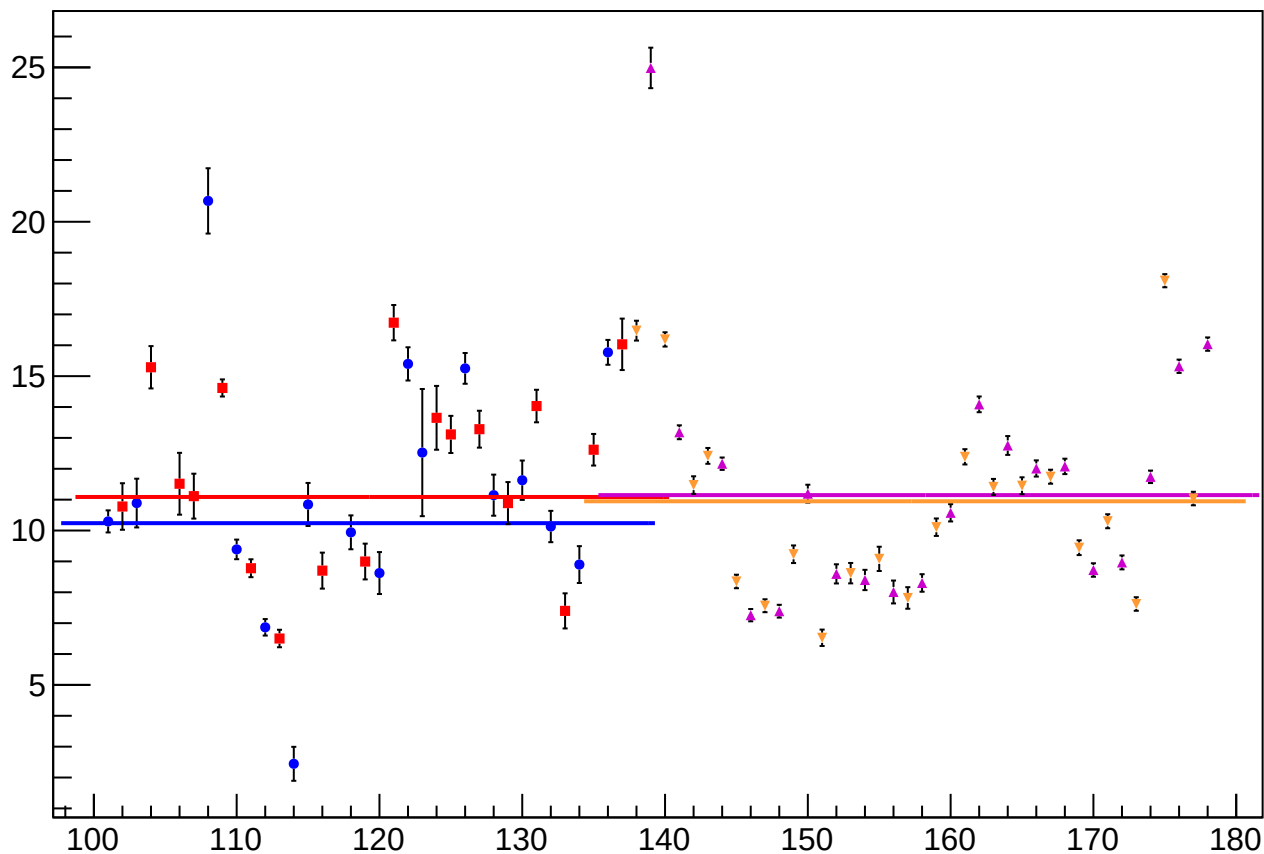
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.381+/-0.072 χ^2/NDF :7270.7/19

Out: 11.992+/-0.073 χ^2/NDF :5747.1/20

All: 11.681+/-0.051 χ^2/NDF : 13053.2/40

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 10.947 $\pm$ 0.055 χ^2 /NDF:3175.1/20

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 11.147 $\pm$ 0.056 χ^2 /NDF:2870.9/19

Left: 11.047 $\pm$ 0.039 χ^2 /NDF: 6052.5/40

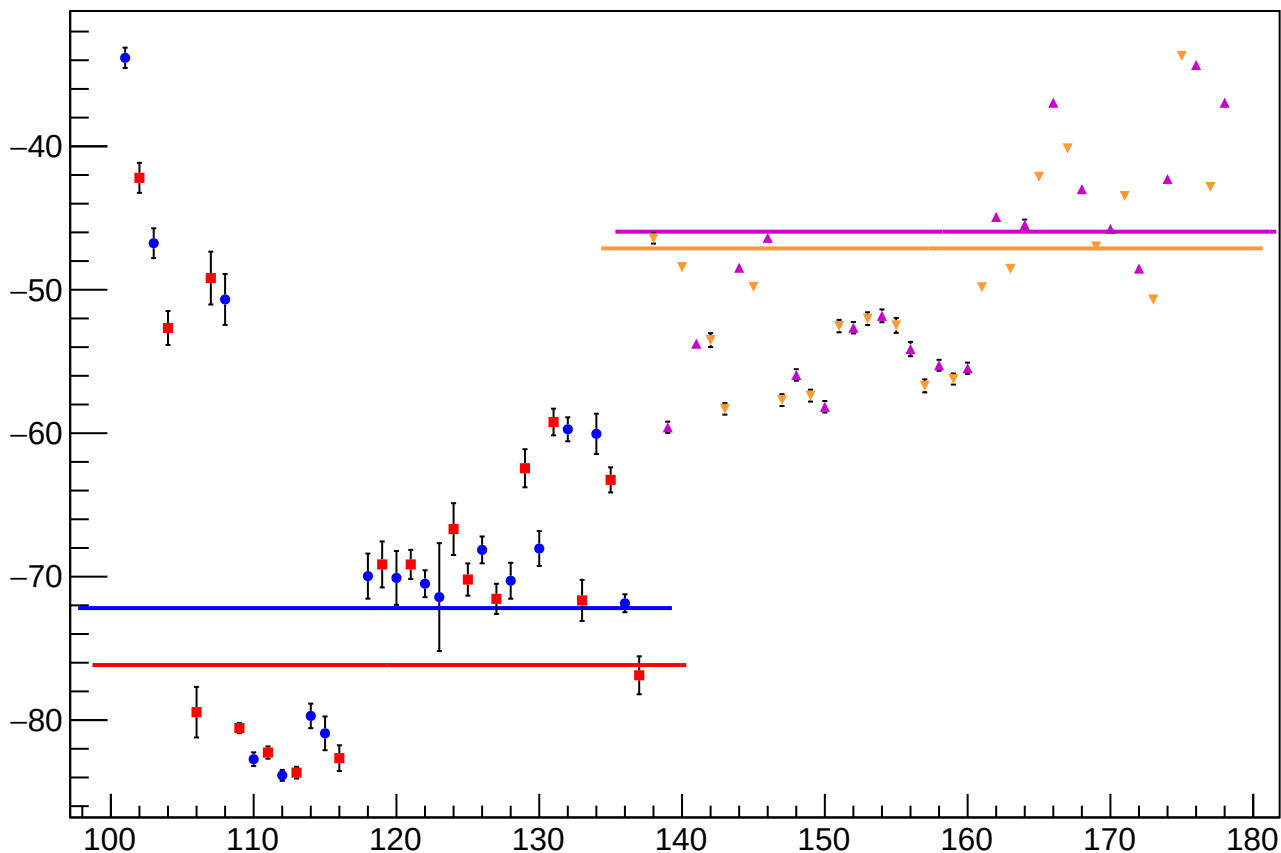
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 10.985 $\pm$ 0.050 χ^2 /NDF:3786.1/36

Out: 10.973 $\pm$ 0.050 χ^2 /NDF:3977.3/38

All: 10.979 $\pm$ 0.035 χ^2 /NDF: 7763.4/75

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 χ^2/NDF : 5563.0/16

Left Out: -47.118 ± 0.074 χ^2/NDF : 8869.7/20

Right Out: -76.162 ± 0.181 χ^2/NDF : 3223.3/17

Left In: -45.950 ± 0.072 χ^2/NDF : 10501.3/19

Left: -46.521 ± 0.051 χ^2/NDF : 19499.5/40

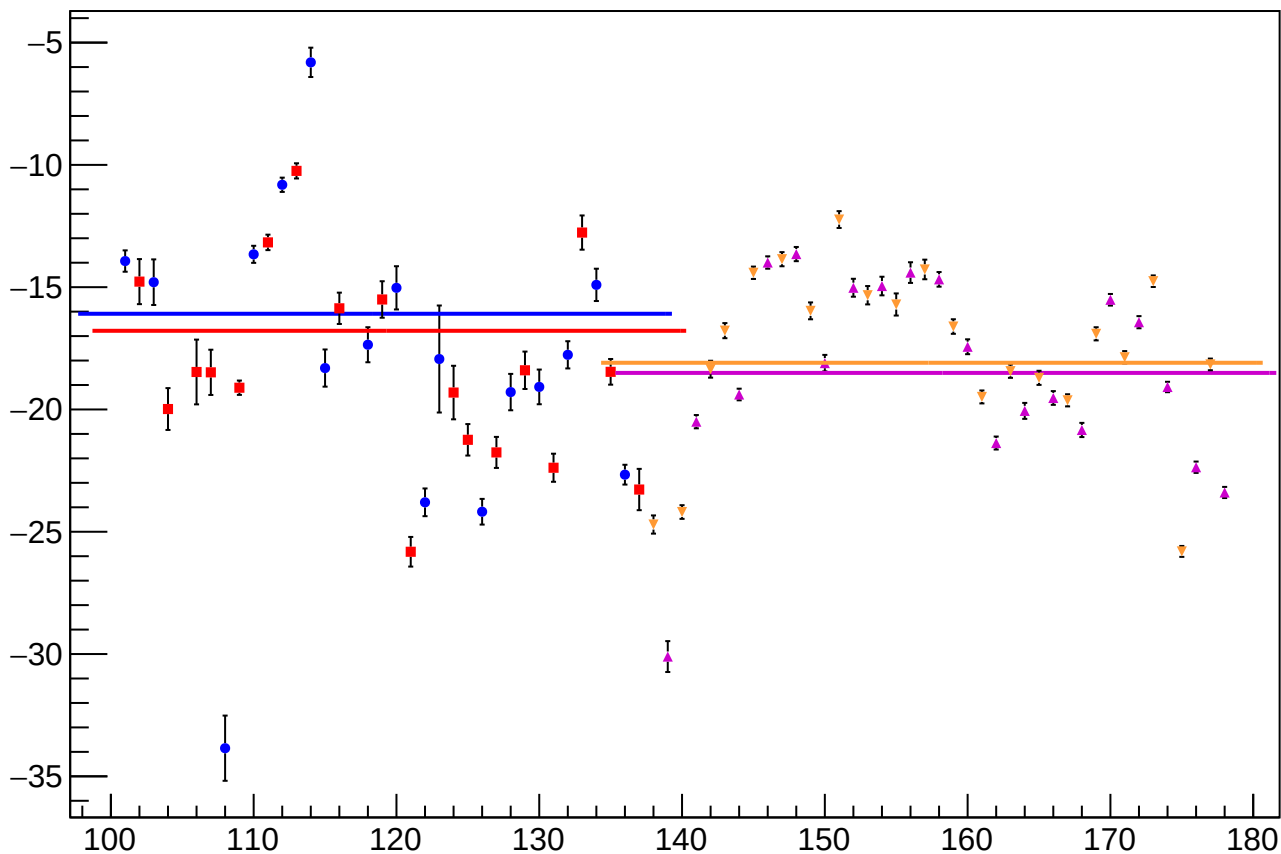
Right: -74.353 ± 0.134 χ^2/NDF : 9004.8/34

In: -49.012 ± 0.068 χ^2/NDF : 31559.4/36

Out: -51.230 ± 0.068 χ^2/NDF : 34138.5/38

All: -50.112 ± 0.048 χ^2/NDF : 66231.2/75

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -18.091 ± 0.063 $\chi^2/\text{NDF}: 3241.3/20$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -18.505 ± 0.063 $\chi^2/\text{NDF}: 2638.6/19$

Left: -18.298 ± 0.044 $\chi^2/\text{NDF}: 5901.7/40$

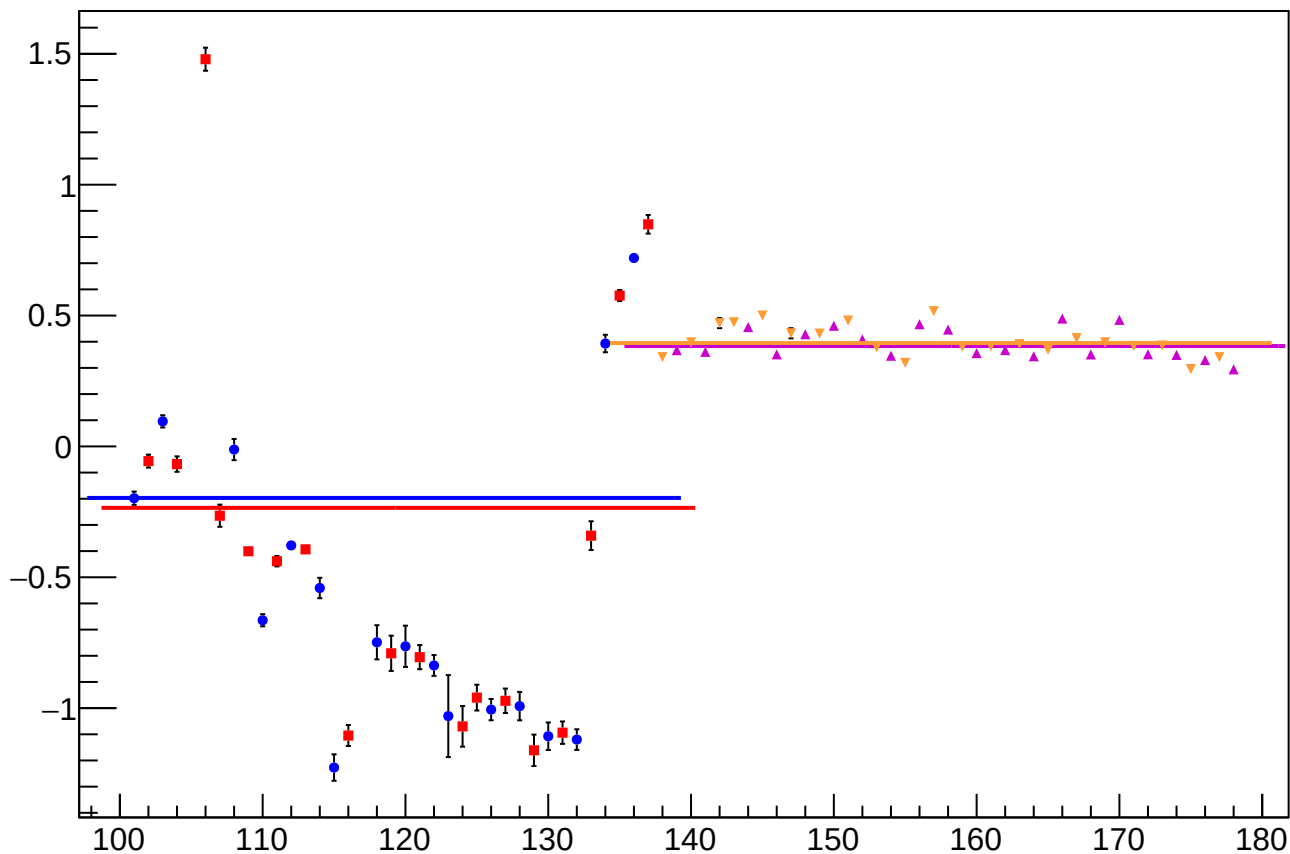
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -18.061 ± 0.057 $\chi^2/\text{NDF}: 4532.7/36$

Out: -17.838 ± 0.056 $\chi^2/\text{NDF}: 4529.6/38$

All: -17.949 ± 0.040 $\chi^2/\text{NDF}: 9070.1/75$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.395 ± 0.003 χ^2/NDF : 374.0/20

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.383 ± 0.003 χ^2/NDF : 407.6/19

Left: 0.389 ± 0.002 χ^2/NDF : 789.7/40

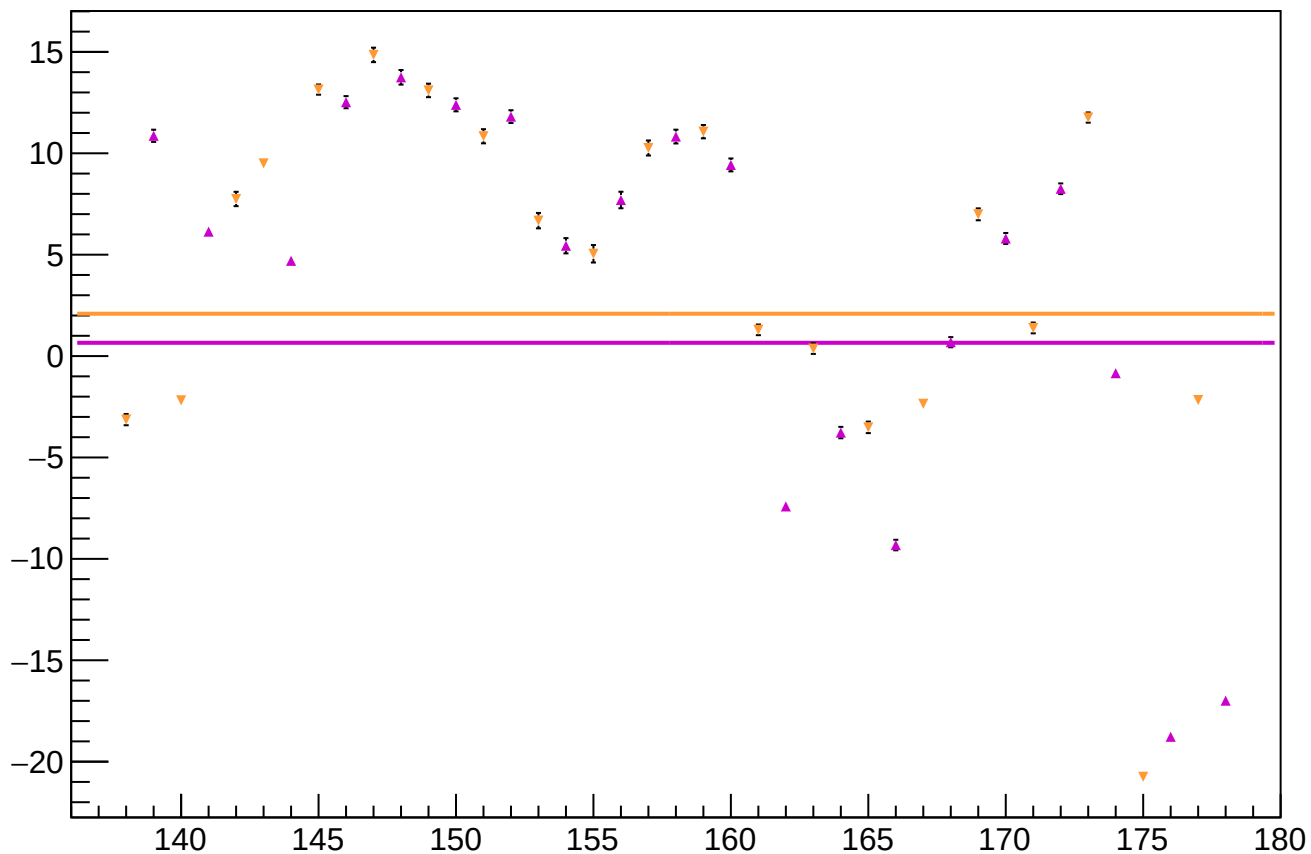
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.310 ± 0.003 χ^2/NDF : 11904.5/36

Out: 0.307 ± 0.003 χ^2/NDF : 13173.5/38

All: 0.309 ± 0.002 χ^2/NDF : 25079.1/75

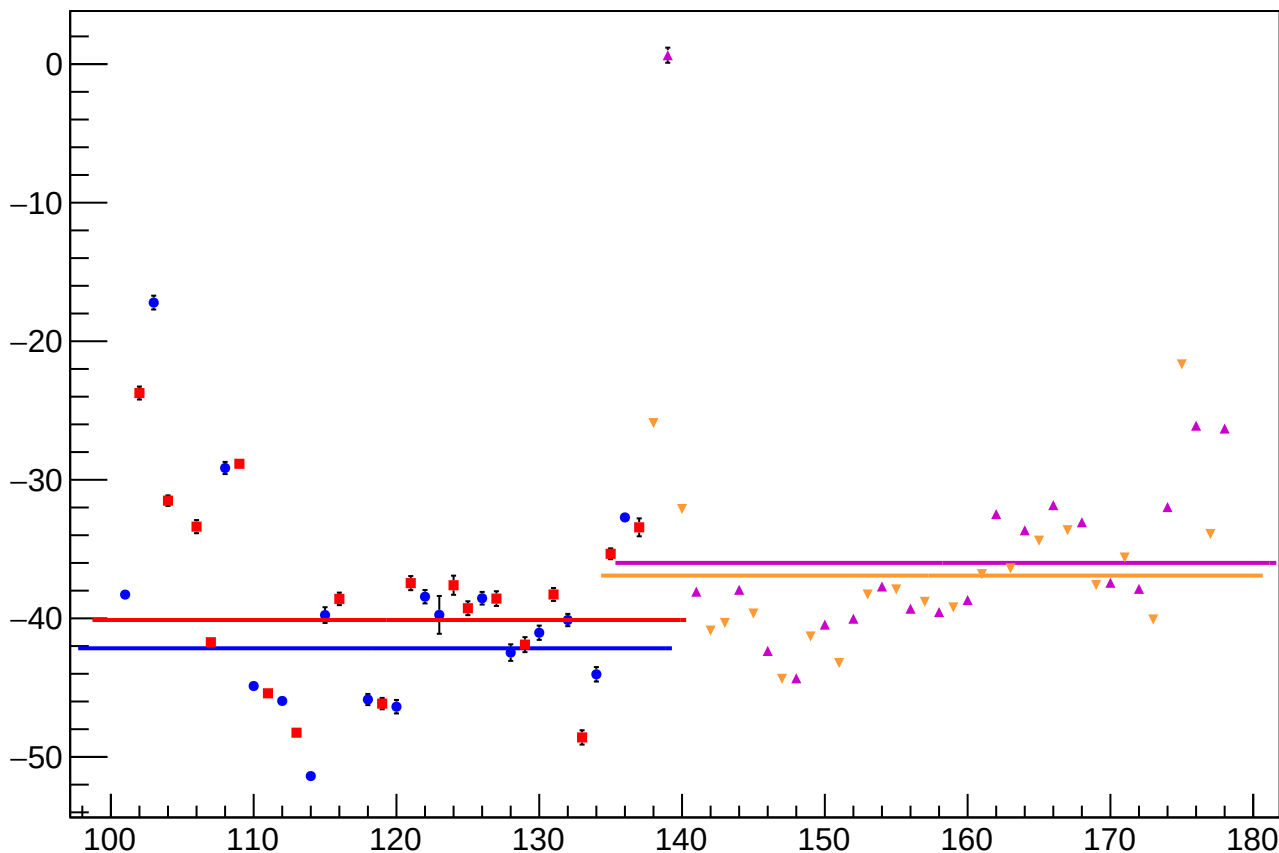
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.088 $\pm$ 0.061 χ^2 /NDF:24479.0/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.655 $\pm$ 0.061 χ^2 /NDF:28172.7/19

Left: 1.374 $\pm$ 0.043 χ^2 /NDF: 52930.2/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.655 $\pm$ 0.061 χ^2 /NDF:28172.7/19
 Out: 2.088 $\pm$ 0.061 χ^2 /NDF:24479.0/20
 All: 1.374 $\pm$ 0.043 χ^2 /NDF: 52930.2/40

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -36.912 ± 0.045 $\chi^2/\text{NDF}: 14185.1/20$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -35.996 ± 0.047 $\chi^2/\text{NDF}: 15954.8/19$

Left: -36.469 ± 0.033 $\chi^2/\text{NDF}: 30337.8/40$

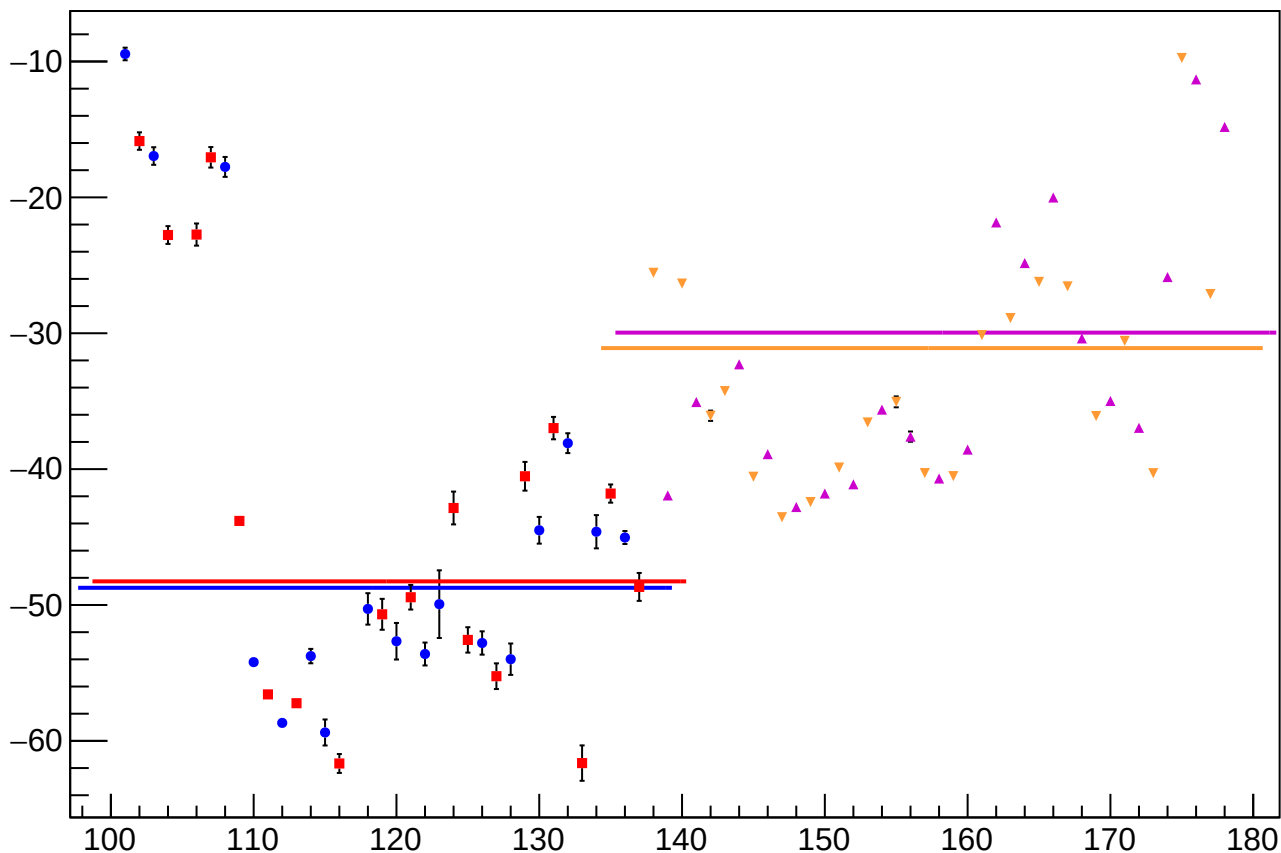
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -37.630 ± 0.040 $\chi^2/\text{NDF}: 27125.0/36$

Out: -37.806 ± 0.038 $\chi^2/\text{NDF}: 26468.5/38$

All: -37.722 ± 0.028 $\chi^2/\text{NDF}: 53603.4/75$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -31.093 ± 0.061 χ^2/NDF : 21887.5/20

Right Out: -48.261 ± 0.107 χ^2/NDF : 11091.7/17

Left In: -29.954 ± 0.061 χ^2/NDF : 26674.4/19

Left: -30.523 ± 0.043 χ^2/NDF : 48737.6/40

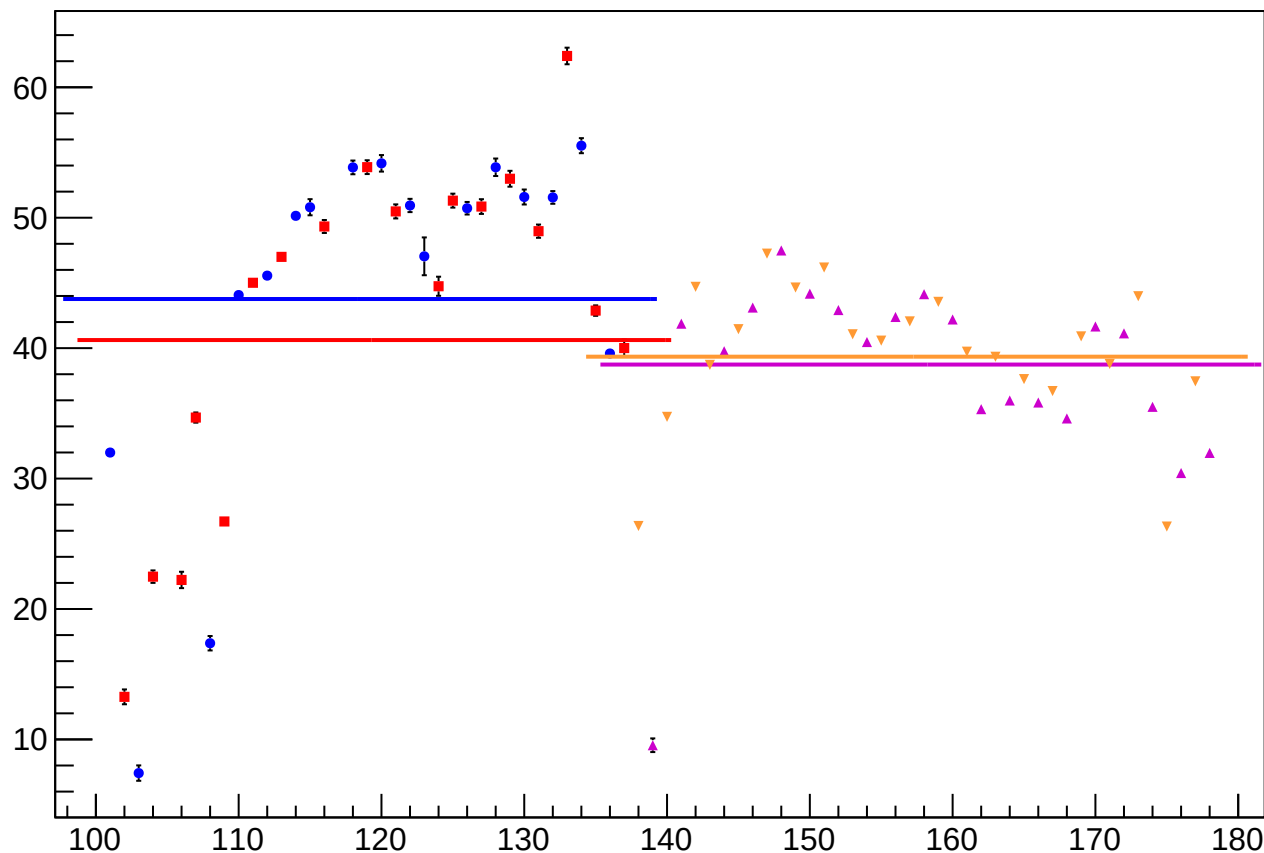
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -33.552 ± 0.055 χ^2/NDF : 59671.0/36

Out: -35.250 ± 0.053 χ^2/NDF : 52330.0/38

All: -34.428 ± 0.038 χ^2/NDF : 112500.2/75

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 39.346 $\pm$ 0.052 χ^2 /NDF:10448.2/20

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 38.741 $\pm$ 0.053 χ^2 /NDF:10533.7/19

Left: 39.051 $\pm$ 0.037 χ^2 /NDF: 21049.0/40

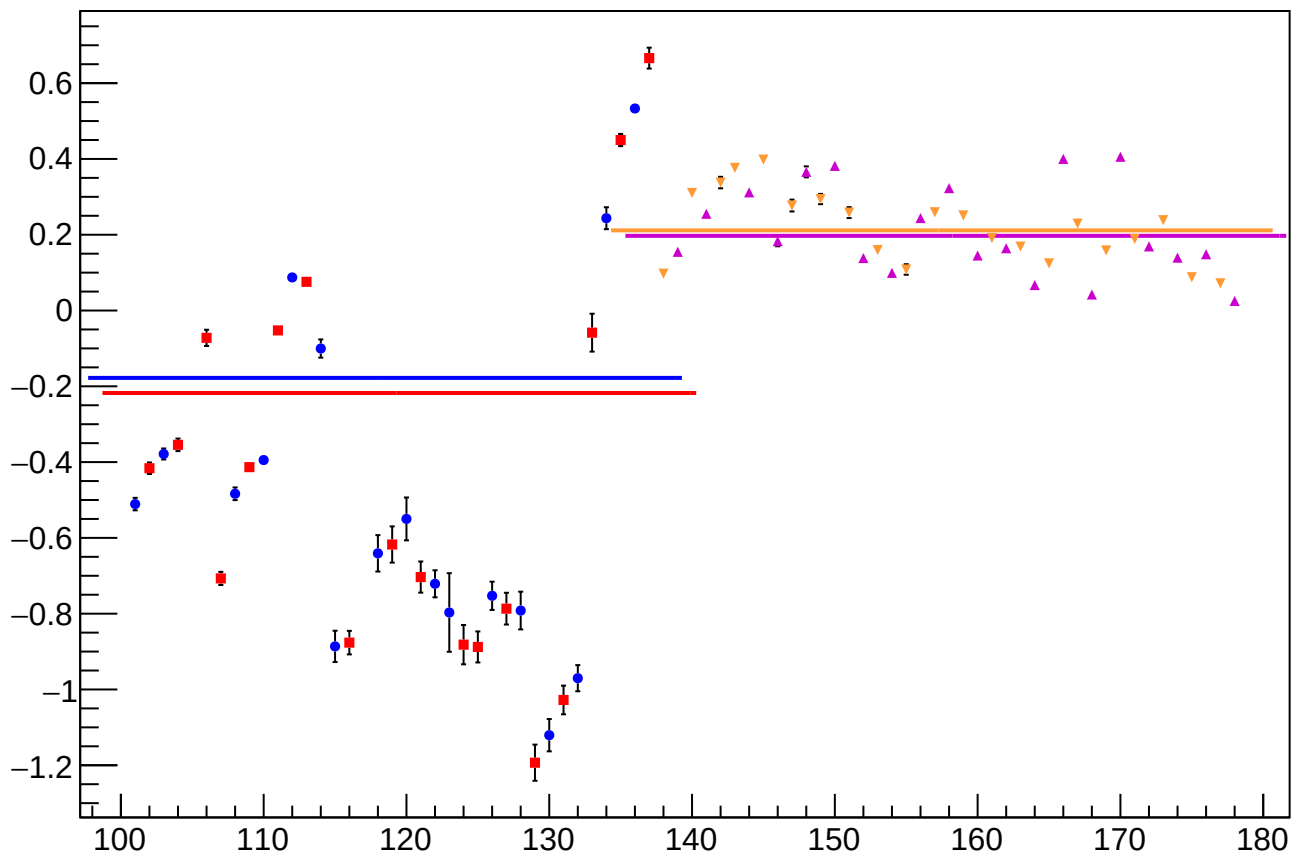
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 40.100 $\pm$ 0.045 χ^2 /NDF:23612.8/36

Out: 39.718 $\pm$ 0.043 χ^2 /NDF:27584.2/38

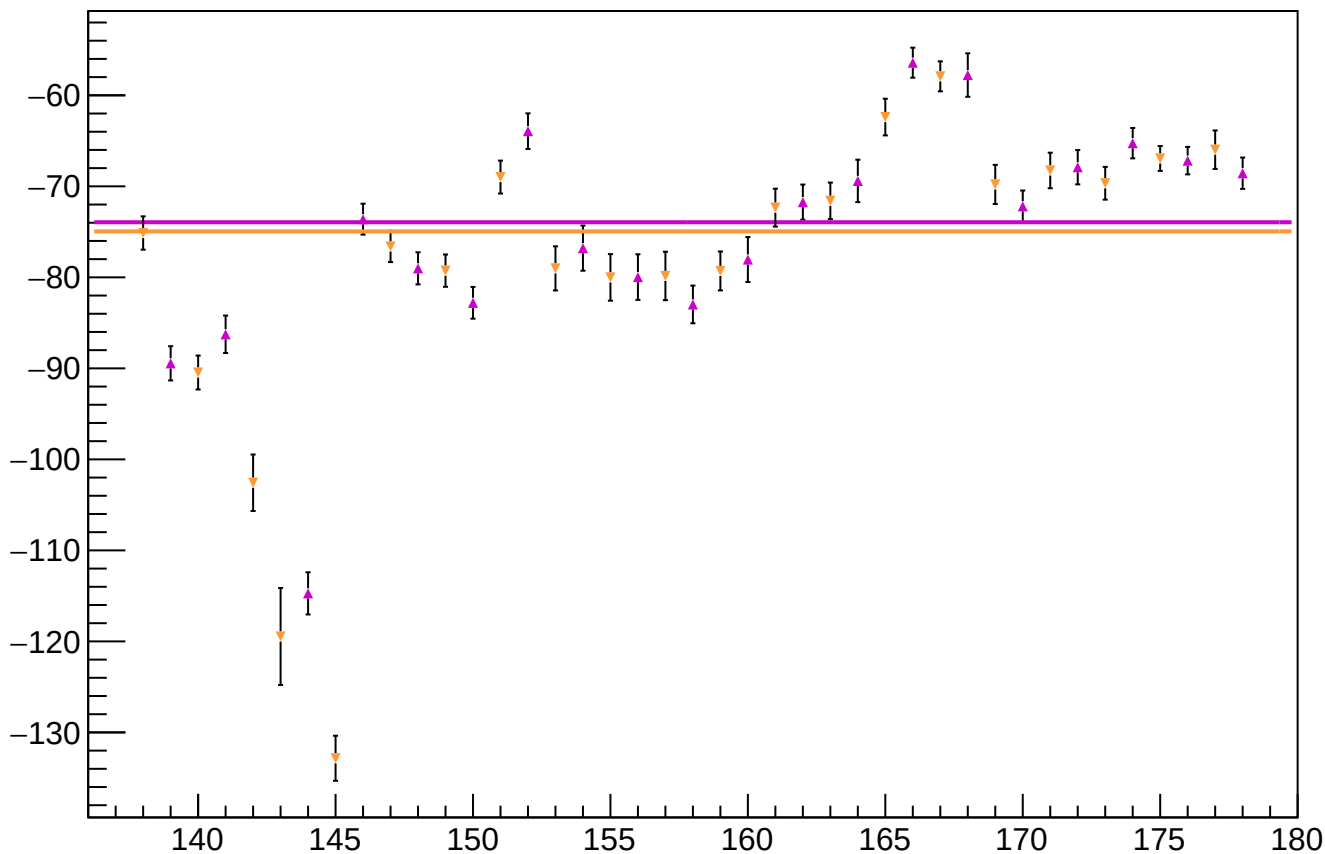
All: 39.901 $\pm$ 0.031 χ^2 /NDF: 51234.1/75

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.204 ± 0.002 , $\chi^2/\text{NDF}: 3791.9/40$
 Right: -0.200 ± 0.003 , $\chi^2/\text{NDF}: 14857.8/34$
 In: 0.123 ± 0.002 , $\chi^2/\text{NDF}: 14428.2/36$
 Out: 0.110 ± 0.002 , $\chi^2/\text{NDF}: 16539.2/38$
 All: 0.117 ± 0.002 , $\chi^2/\text{NDF}: 30985.5/75$

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.945+/-0.429 χ^2/NDF :734.4/19

Left: -74.436+/-0.307 χ^2/NDF : 1762.8/40

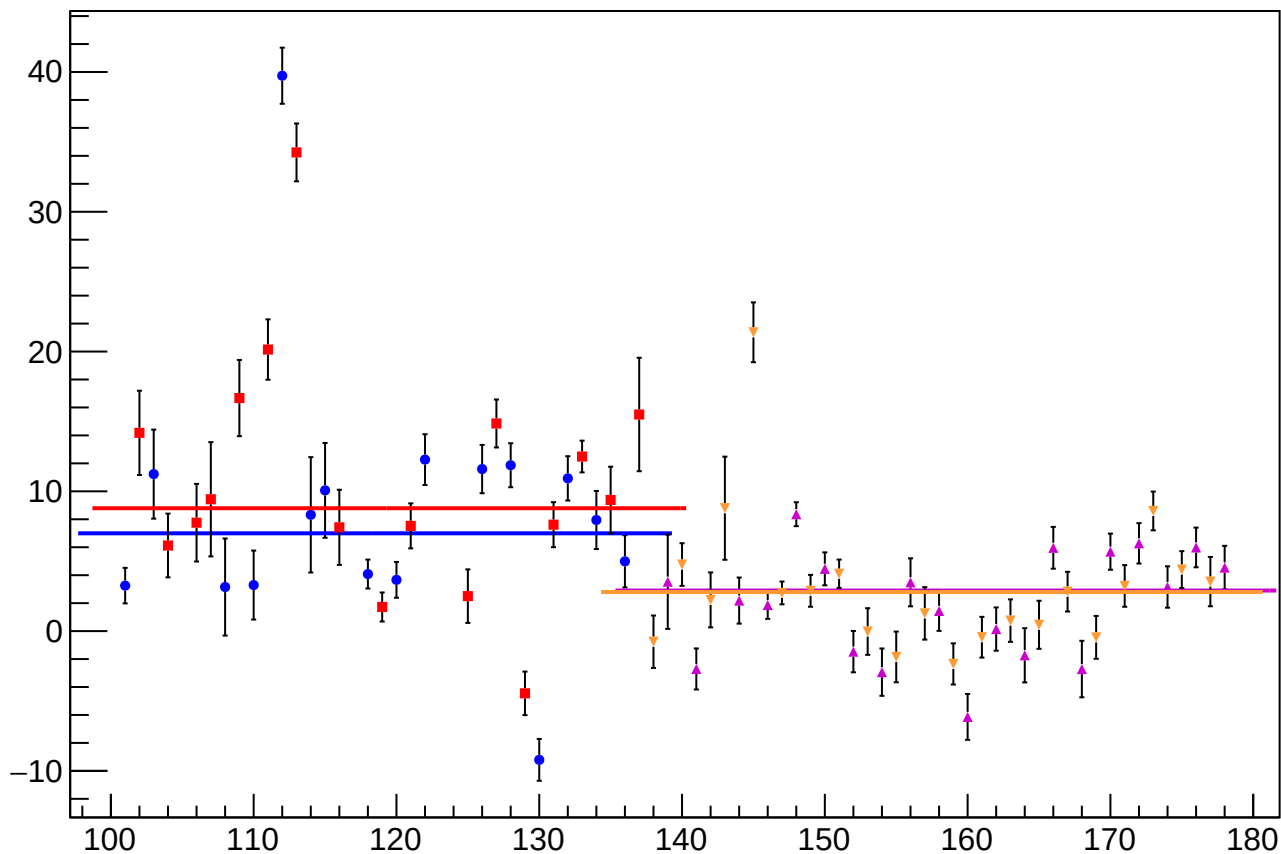
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.945+/-0.429 χ^2/NDF :734.4/19

Out: -74.952+/-0.440 χ^2/NDF :1025.7/20

All: -74.436+/-0.307 χ^2/NDF : 1762.8/40

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.796 $\pm$ 0.317 χ^2 /NDF:139.7/20

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.903 $\pm$ 0.319 χ^2 /NDF:147.3/19

Left: 2.849 $\pm$ 0.225 χ^2 /NDF: 287.1/40

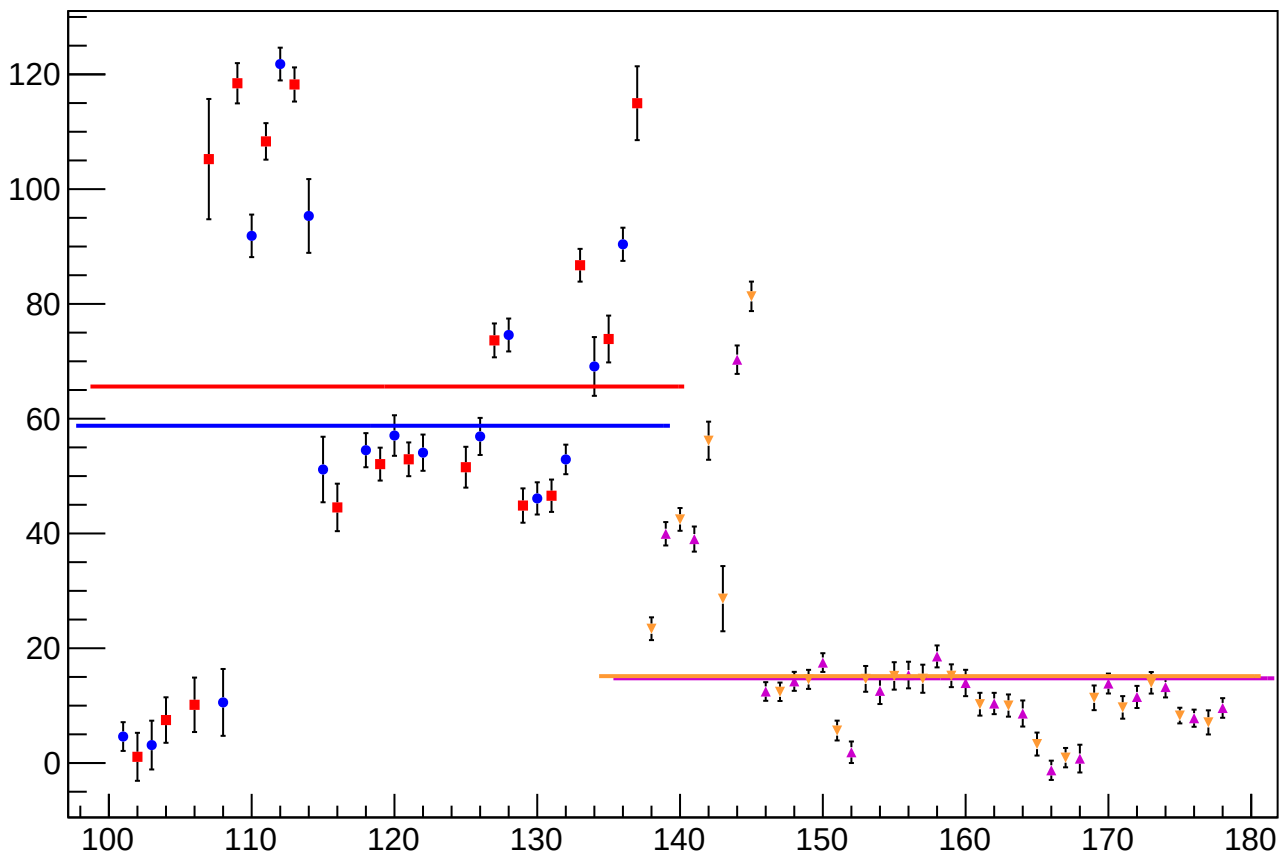
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.336 $\pm$ 0.257 χ^2 /NDF:650.4/35

Out: 4.787 $\pm$ 0.259 χ^2 /NDF:607.3/37

All: 4.559 $\pm$ 0.182 χ^2 /NDF: 1259.3/73

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 15.141 $\pm$ 0.434 χ^2 /NDF:1232.0/20

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 14.762 $\pm$ 0.424 χ^2 /NDF:1006.8/19

Left: 14.947 $\pm$ 0.303 χ^2 /NDF: 2239.2/40

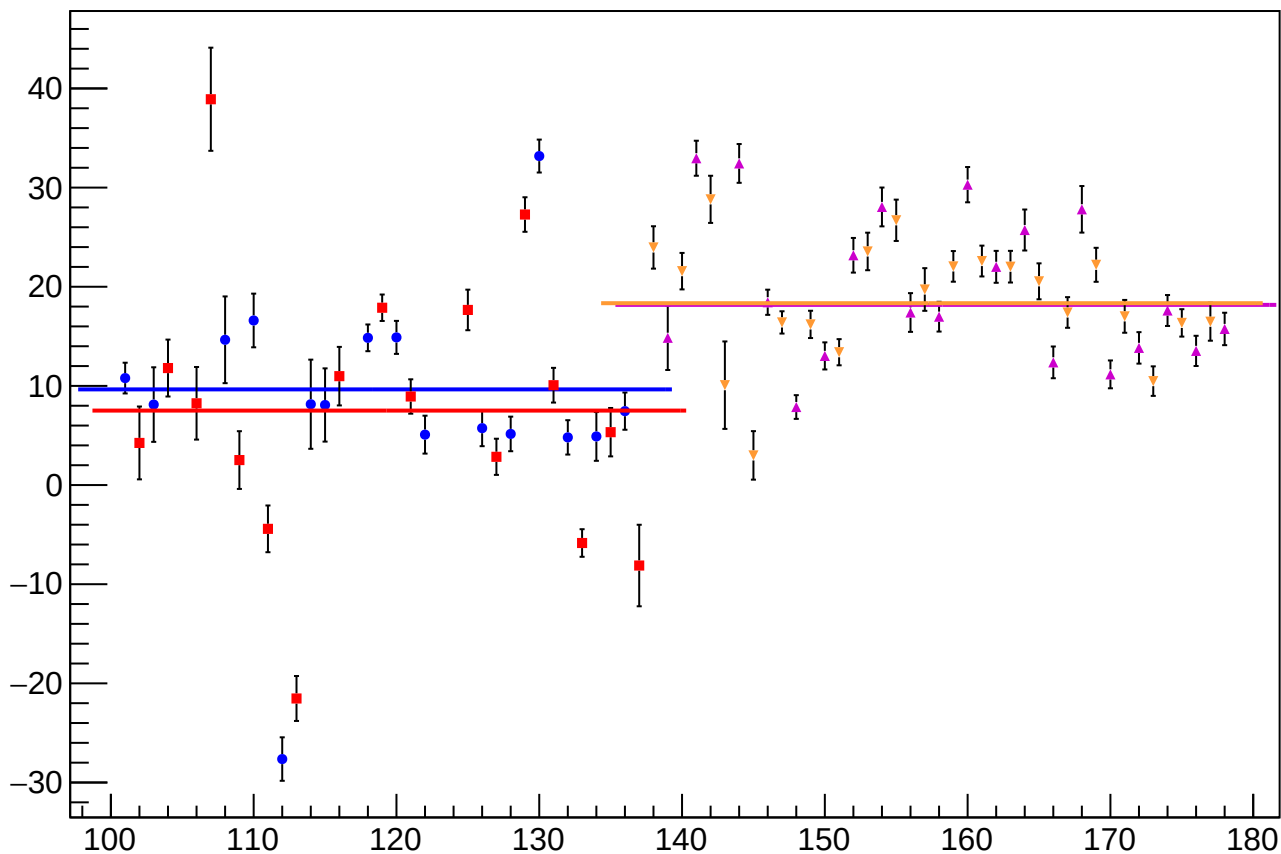
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 23.822 $\pm$ 0.378 χ^2 /NDF:4717.0/35

Out: 25.687 $\pm$ 0.386 χ^2 /NDF:5680.5/37

All: 24.734 $\pm$ 0.270 χ^2 /NDF: 10409.5/73

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.341 $\pm$ 0.367 χ^2 /NDF:172.9/20

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.171 $\pm$ 0.366 χ^2 /NDF:386.6/19

Left: 18.256 $\pm$ 0.259 χ^2 /NDF: 559.5/40

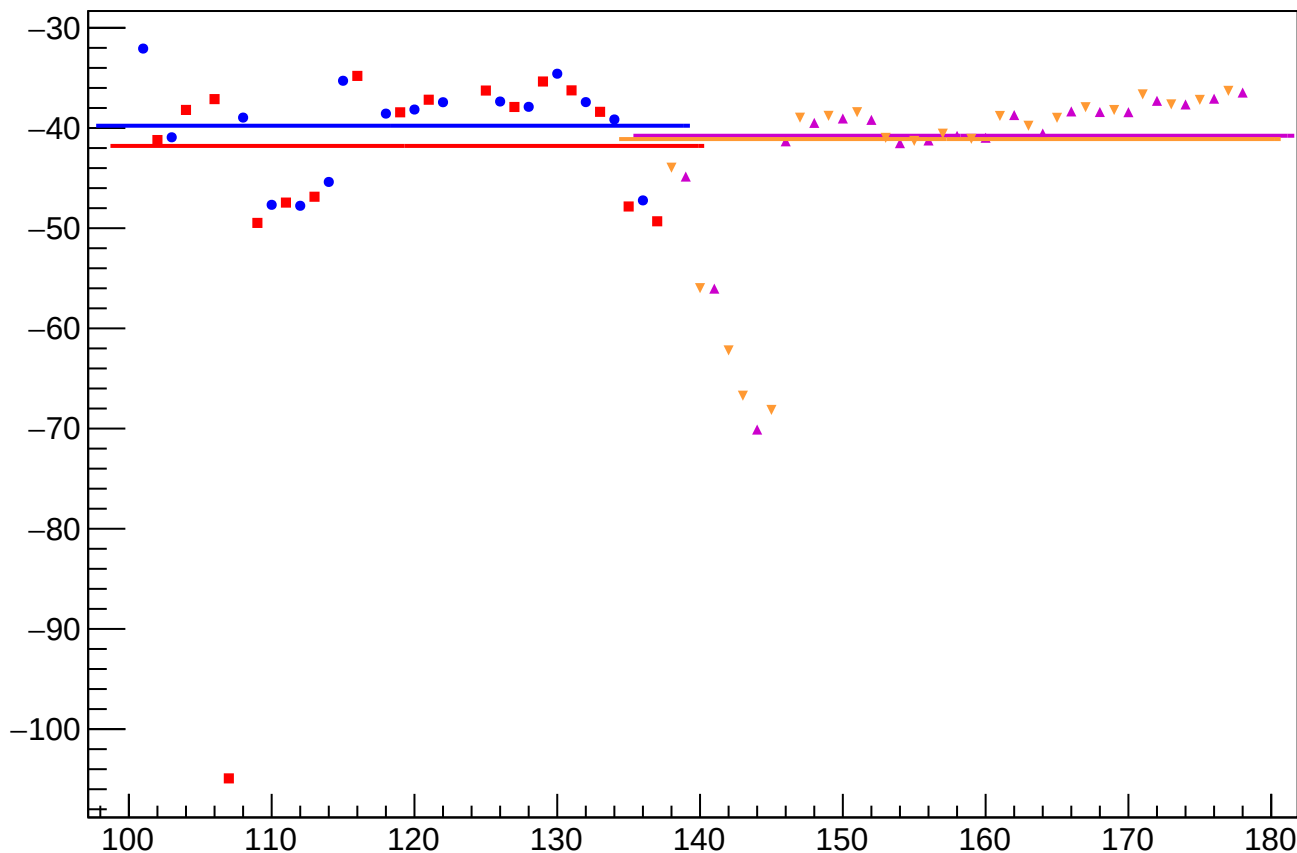
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.210 $\pm$ 0.296 χ^2 /NDF:1128.2/35

Out: 14.709 $\pm$ 0.299 χ^2 /NDF:1029.4/37

All: 14.962 $\pm$ 0.210 χ^2 /NDF: 2159.0/73

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -41.103 ± 0.017 χ^2/NDF : 161312.6/20

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -40.771 ± 0.017 χ^2/NDF : 121965.9/19

Left: -40.933 ± 0.012 χ^2/NDF : 283466.9/40

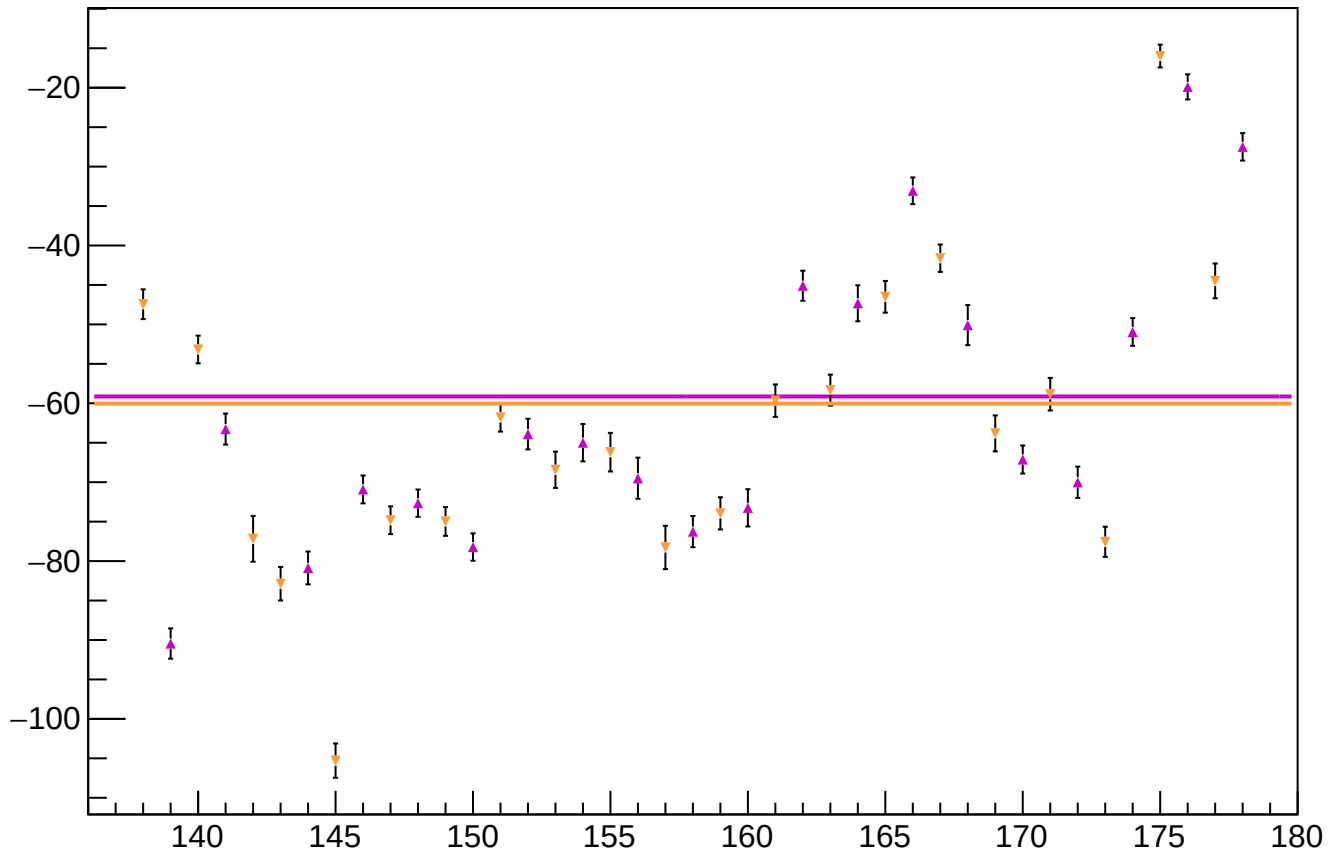
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -40.543 ± 0.015 χ^2/NDF : 148940.5/35

Out: -41.263 ± 0.015 χ^2/NDF : 254684.5/37

All: -40.895 ± 0.011 χ^2/NDF : 404773.9/73

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -59.137+/-0.432 χ^2/NDF :2085.9/19

Left: -59.582+/-0.306 χ^2/NDF : 4207.1/40

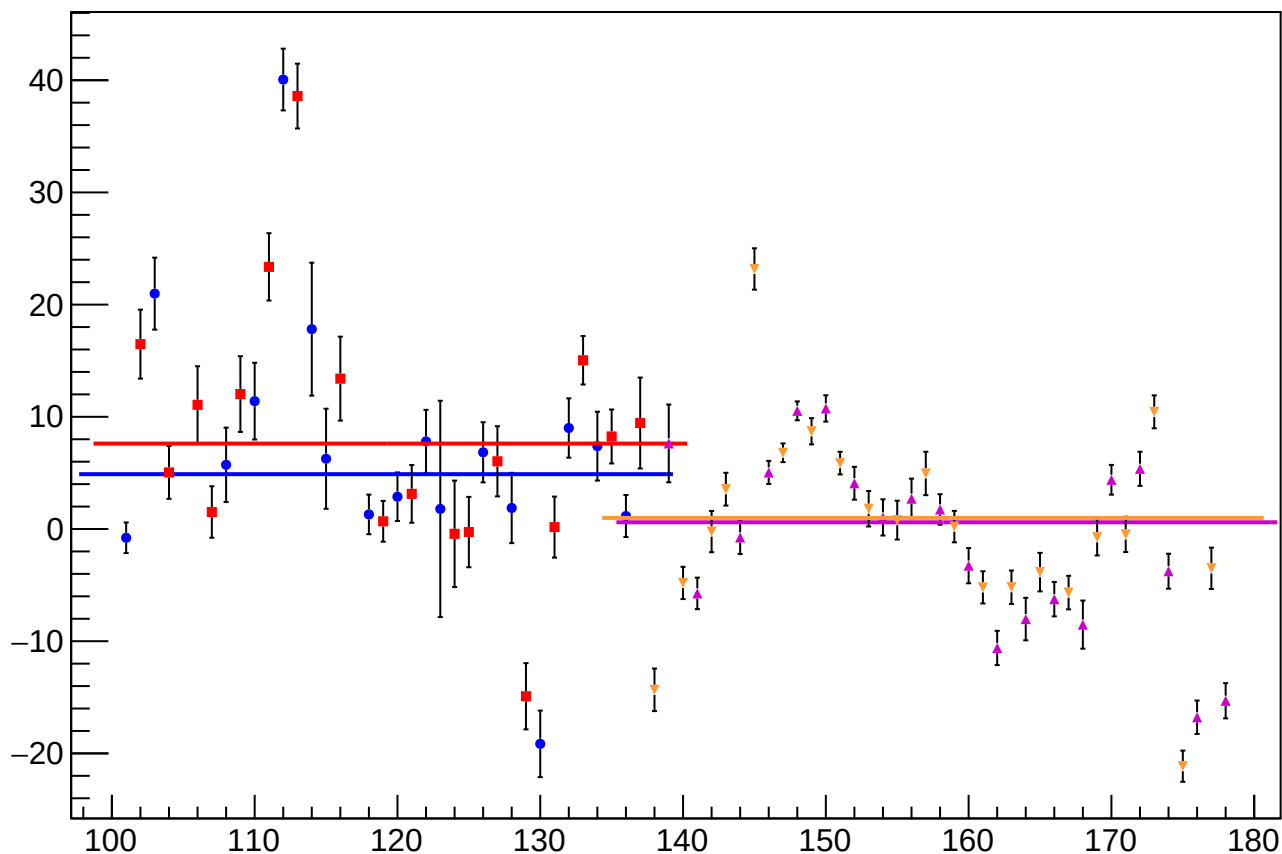
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -59.137+/-0.432 χ^2/NDF :2085.9/19

Out: -60.033+/-0.435 χ^2/NDF :2119.0/20

All: -59.582+/-0.306 χ^2/NDF : 4207.1/40

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.988 ± 0.312 $\chi^2/\text{NDF}: 716.2/20$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 0.600 ± 0.318 $\chi^2/\text{NDF}: 649.5/19$

Left: 0.798 ± 0.223 $\chi^2/\text{NDF}: 1366.5/40$

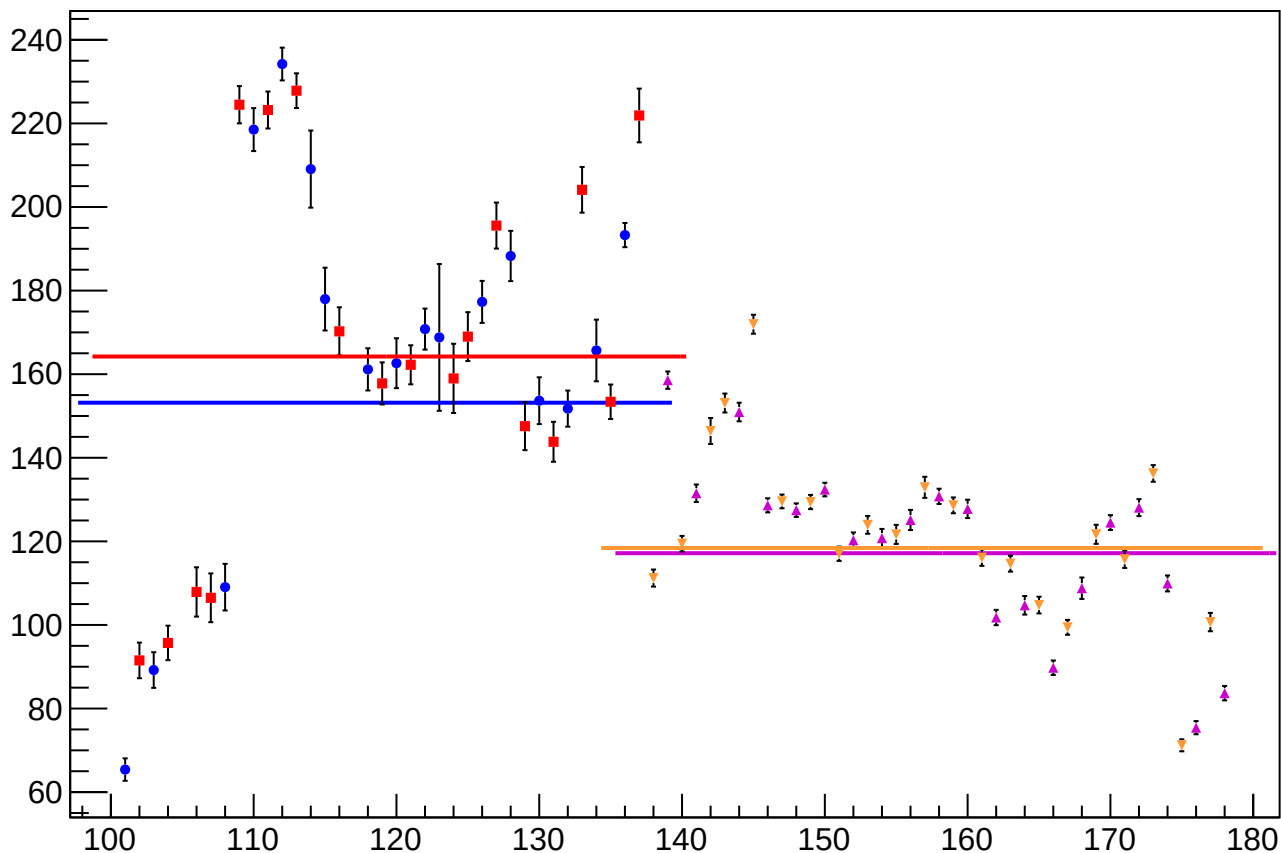
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 1.490 ± 0.283 $\chi^2/\text{NDF}: 981.9/36$

Out: 2.223 ± 0.282 $\chi^2/\text{NDF}: 1069.4/38$

All: 1.859 ± 0.200 $\chi^2/\text{NDF}: 2054.6/75$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2/NDF : 2264.3/16

Left Out: 118.420 $\pm$ 0.431 χ^2/NDF :2431.3/20

Right Out: 164.232 $\pm$ 1.183 χ^2/NDF : 1554.8/17

Left In: 117.169 $\pm$ 0.426 χ^2/NDF :2447.8/19

Left: 117.788 $\pm$ 0.303 χ^2/NDF : 4883.4/40

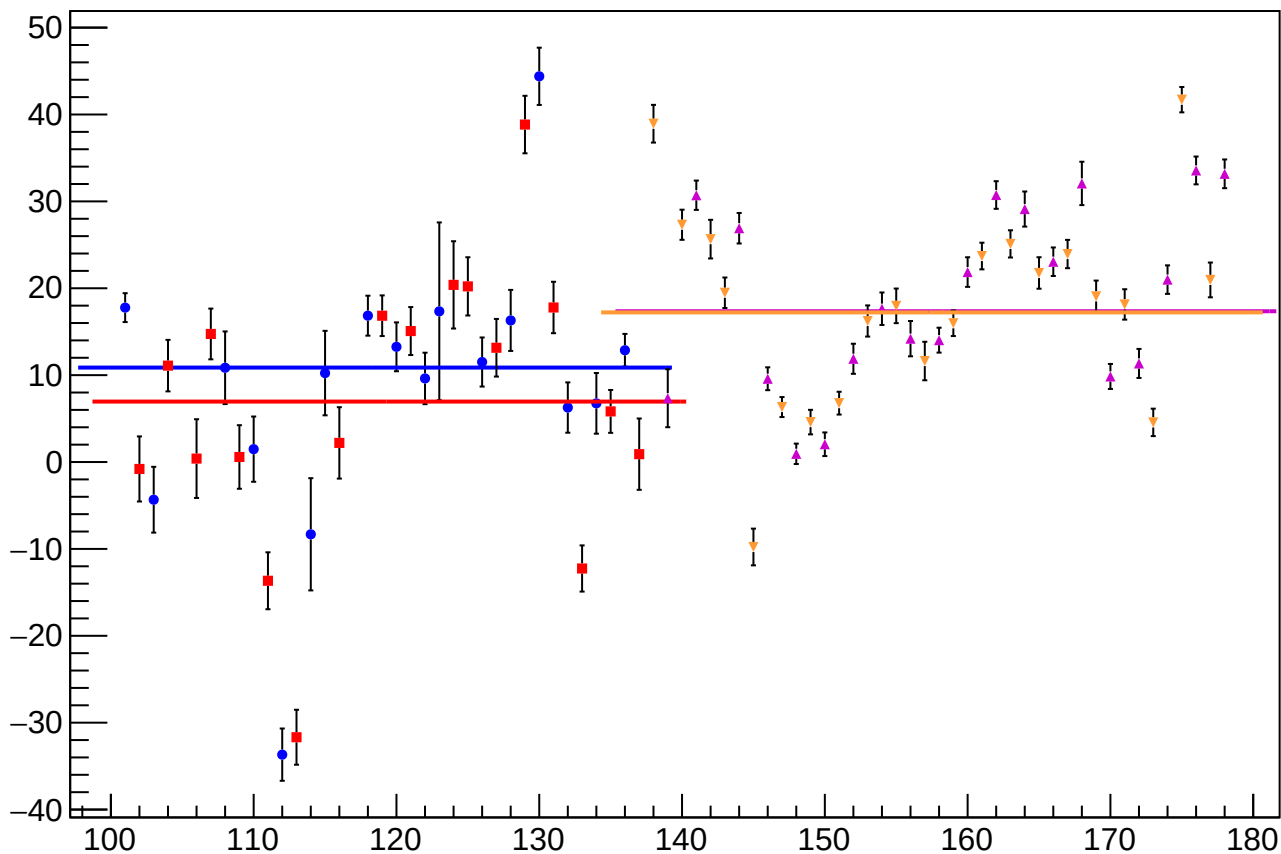
Right: 158.528 $\pm$ 0.823 χ^2/NDF : 3864.1/34

In: 121.540 $\pm$ 0.399 χ^2/NDF :5578.8/36

Out: 123.780 $\pm$ 0.405 χ^2/NDF :5309.9/38

All: 122.645 $\pm$ 0.284 χ^2/NDF : 10904.1/75

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 17.223 $\pm$ 0.362 χ^2 /NDF:971.4/20

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 17.355 $\pm$ 0.367 χ^2 /NDF:873.5/19

Left: 17.288 $\pm$ 0.258 χ^2 /NDF: 1844.9/40

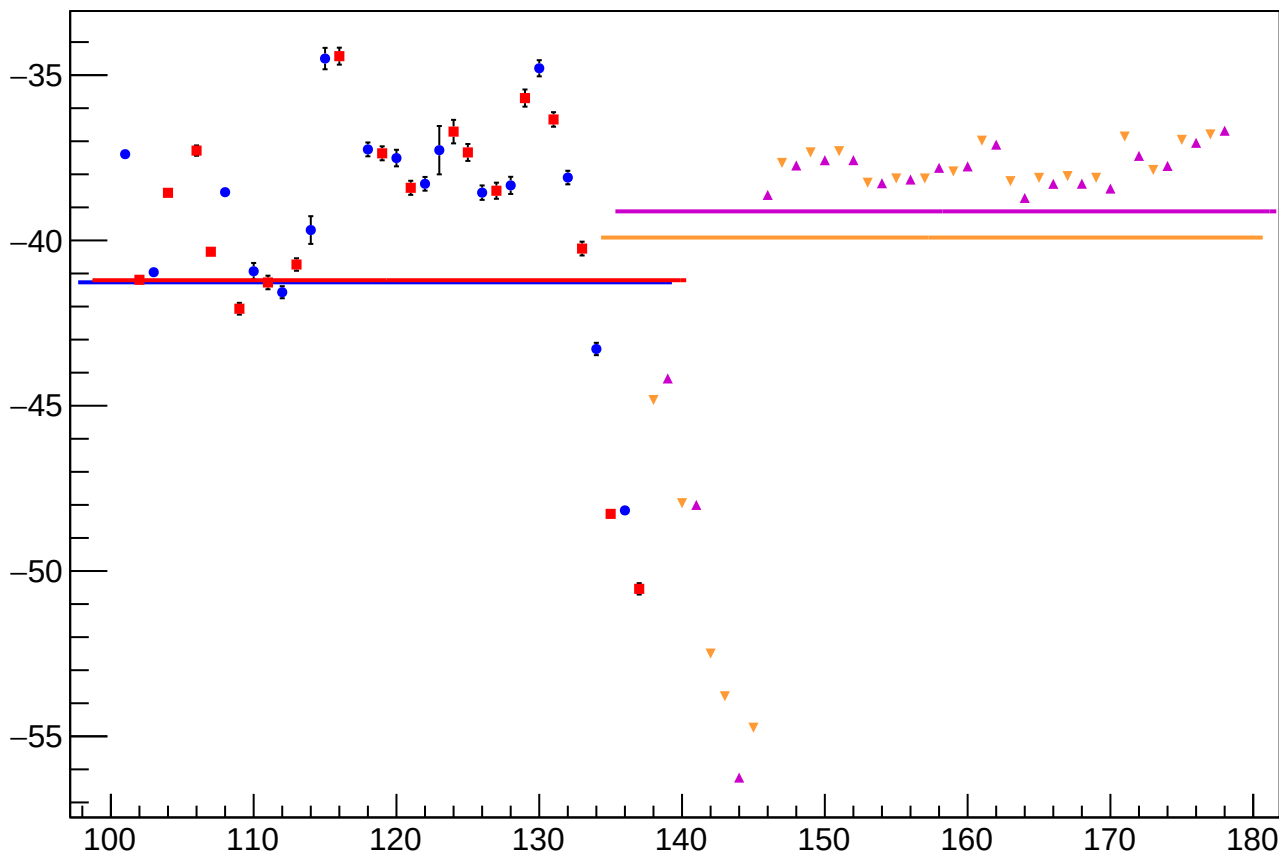
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 16.004 $\pm$ 0.326 χ^2 /NDF:1325.3/36

Out: 15.279 $\pm$ 0.326 χ^2 /NDF:1545.9/38

All: 15.641 $\pm$ 0.231 χ^2 /NDF: 2873.7/75

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267±/0.039 χ^2/NDF : 12581.8/16

Left Out: -39.913±/0.017 χ^2/NDF : 88894.5/20

Right Out: -41.204±/0.039 χ^2/NDF : 12008.6/17

Left In: -39.121±/0.017 χ^2/NDF : 52851.4/19

Left: -39.512±/0.012 χ^2/NDF : 142820.2/40

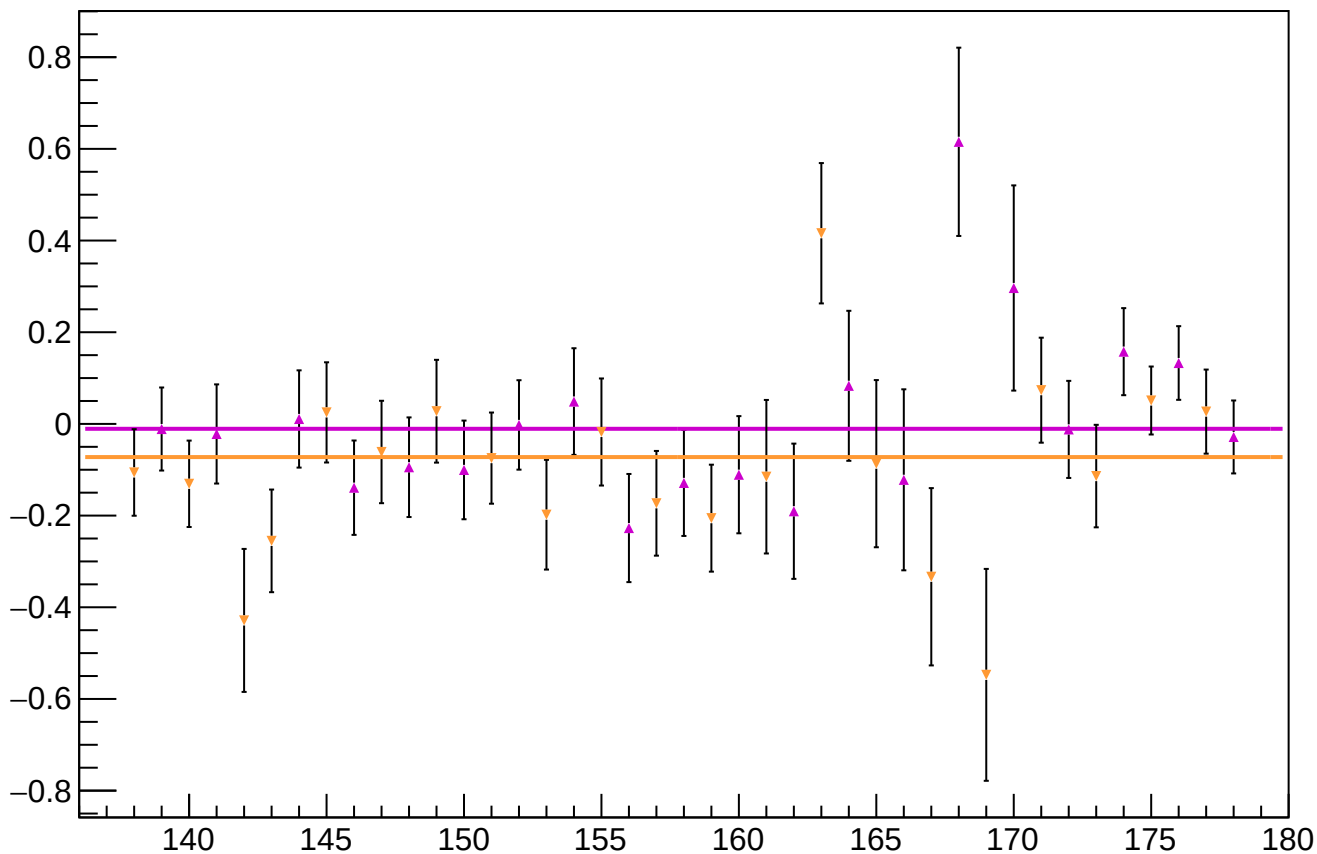
Right: -41.236±/0.027 χ^2/NDF : 24591.7/34

In: -39.470±/0.016 χ^2/NDF : 68032.1/36

Out: -40.124±/0.016 χ^2/NDF : 101826.9/38

All: -39.793±/0.011 χ^2/NDF : 170734.6/75

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.011 $\pm$ 0.025 χ^2 /NDF:27.9/19

Left: -0.041 $\pm$ 0.018 χ^2 /NDF: 66.3/40

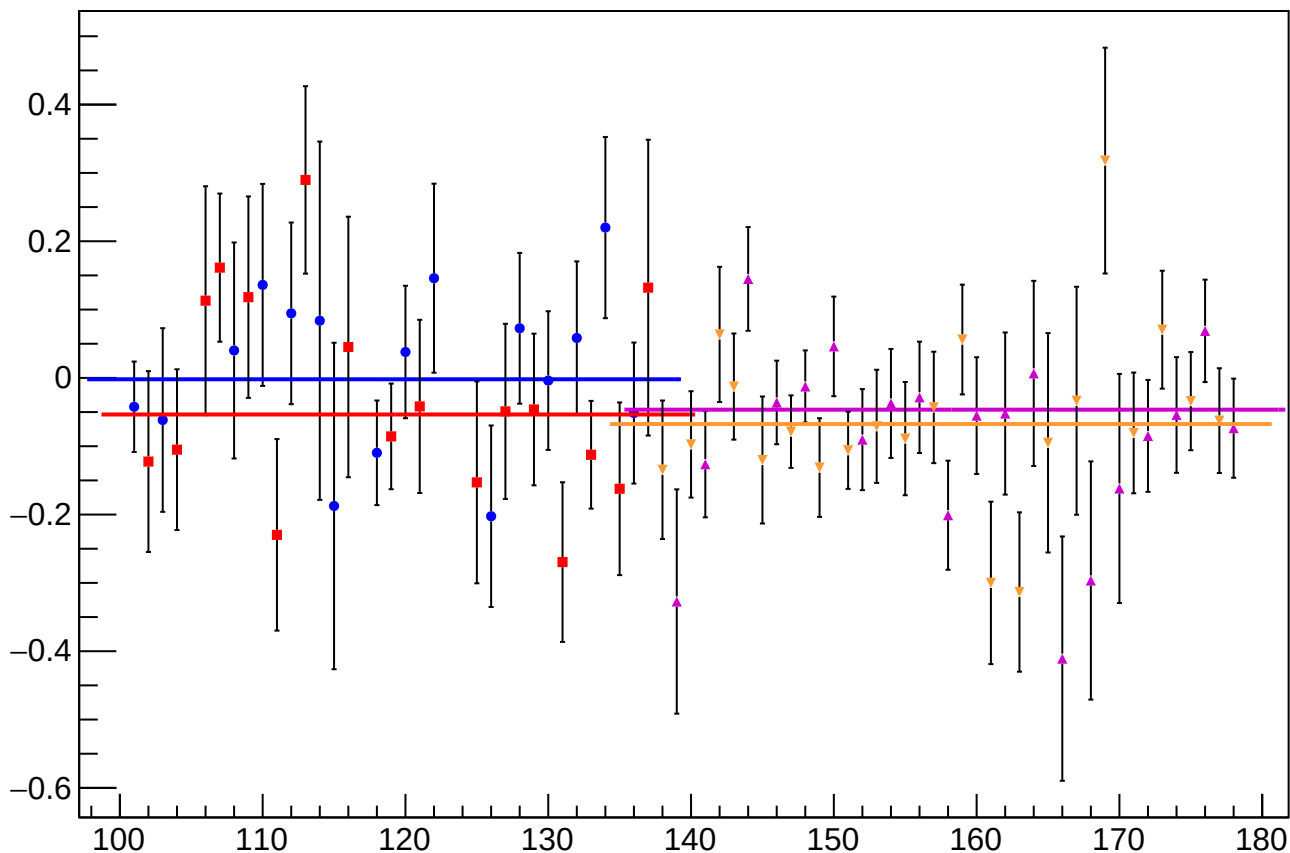
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.011 $\pm$ 0.025 χ^2 /NDF:27.9/19

Out: -0.072 $\pm$ 0.025 χ^2 /NDF:35.4/20

All: -0.041 $\pm$ 0.018 χ^2 /NDF: 66.3/40

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.018 χ^2/NDF : 23.6/20

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.046 ± 0.019 χ^2/NDF : 26.1/19

Left: -0.057 ± 0.013 χ^2/NDF : 50.3/40

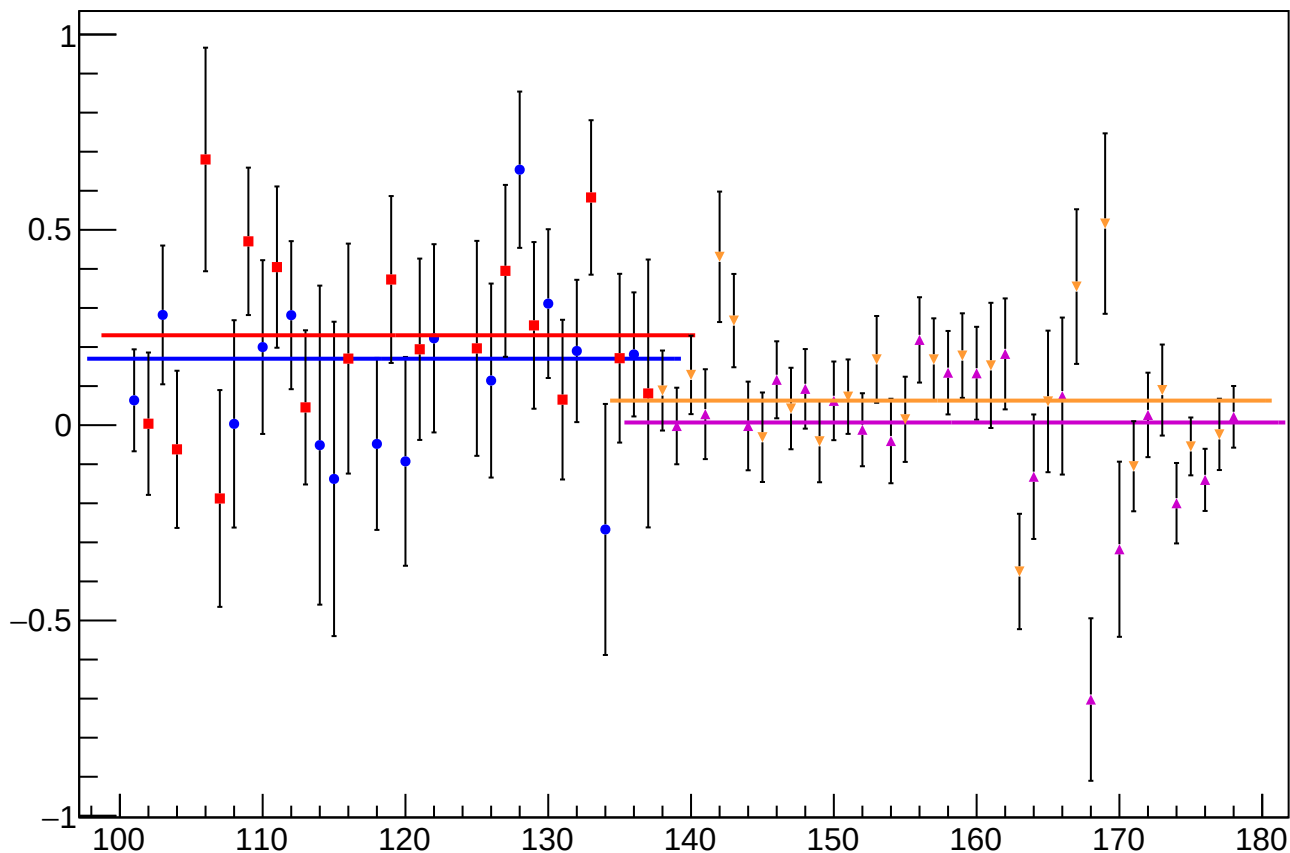
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.033 ± 0.016 χ^2/NDF : 40.0/35

Out: -0.064 ± 0.016 χ^2/NDF : 44.7/37

All: -0.048 ± 0.011 χ^2/NDF : 86.6/73

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.063 $\pm$ 0.025 χ^2 /NDF:33.9/20

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.007 $\pm$ 0.025 χ^2 /NDF:32.4/19

Left: 0.035 $\pm$ 0.017 χ^2 /NDF: 68.9/40

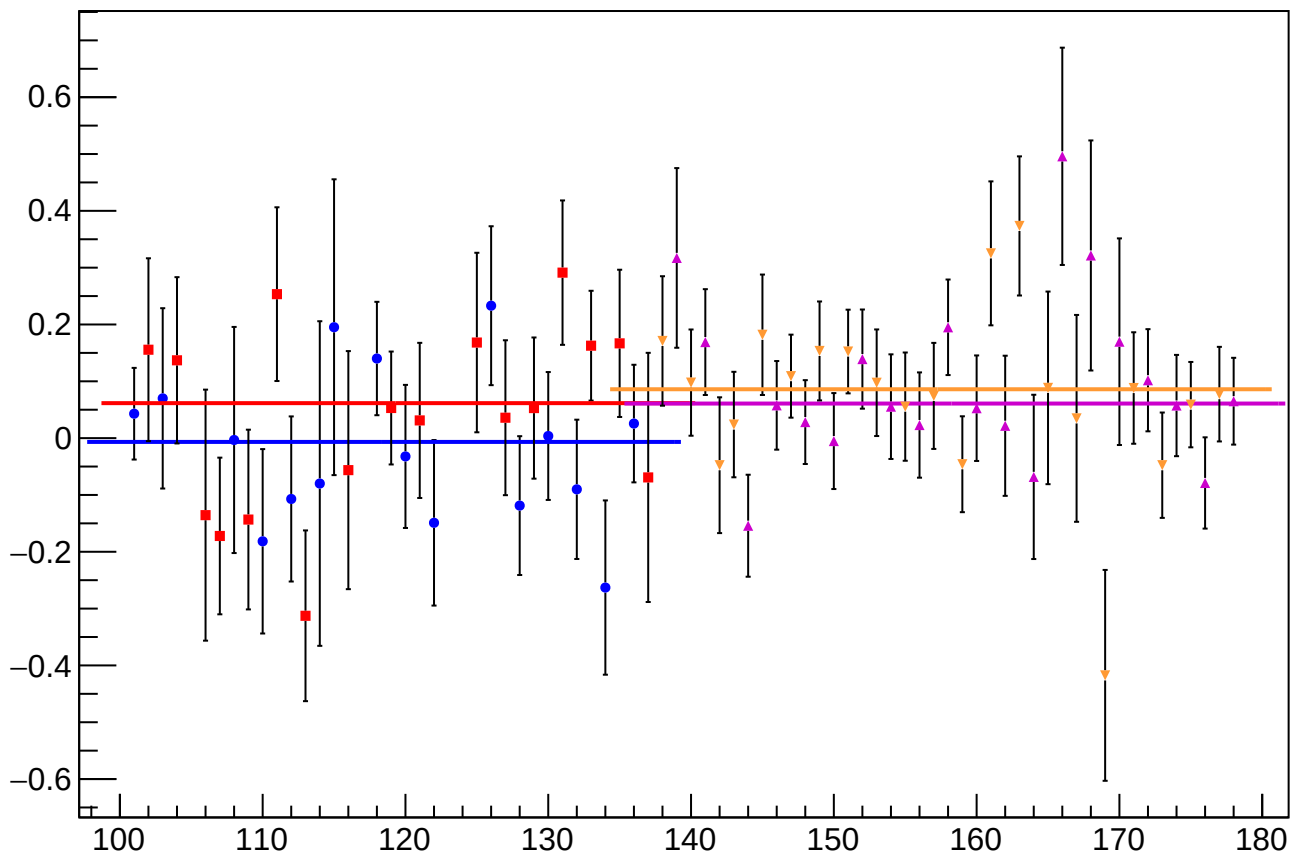
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.036 $\pm$ 0.022 χ^2 /NDF:53.4/35

Out: 0.092 $\pm$ 0.023 χ^2 /NDF:58.7/37

All: 0.064 $\pm$ 0.016 χ^2 /NDF: 115.2/73

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.033 χ^2/NDF : 13.2/15

Left Out: 0.086 $\pm$ 0.021 χ^2/NDF : 25.9/20

Right Out: 0.062 $\pm$ 0.034 χ^2/NDF : 20.0/16

Left In: 0.061 $\pm$ 0.022 χ^2/NDF : 25.4/19

Left: 0.074 $\pm$ 0.015 χ^2/NDF : 52.0/40

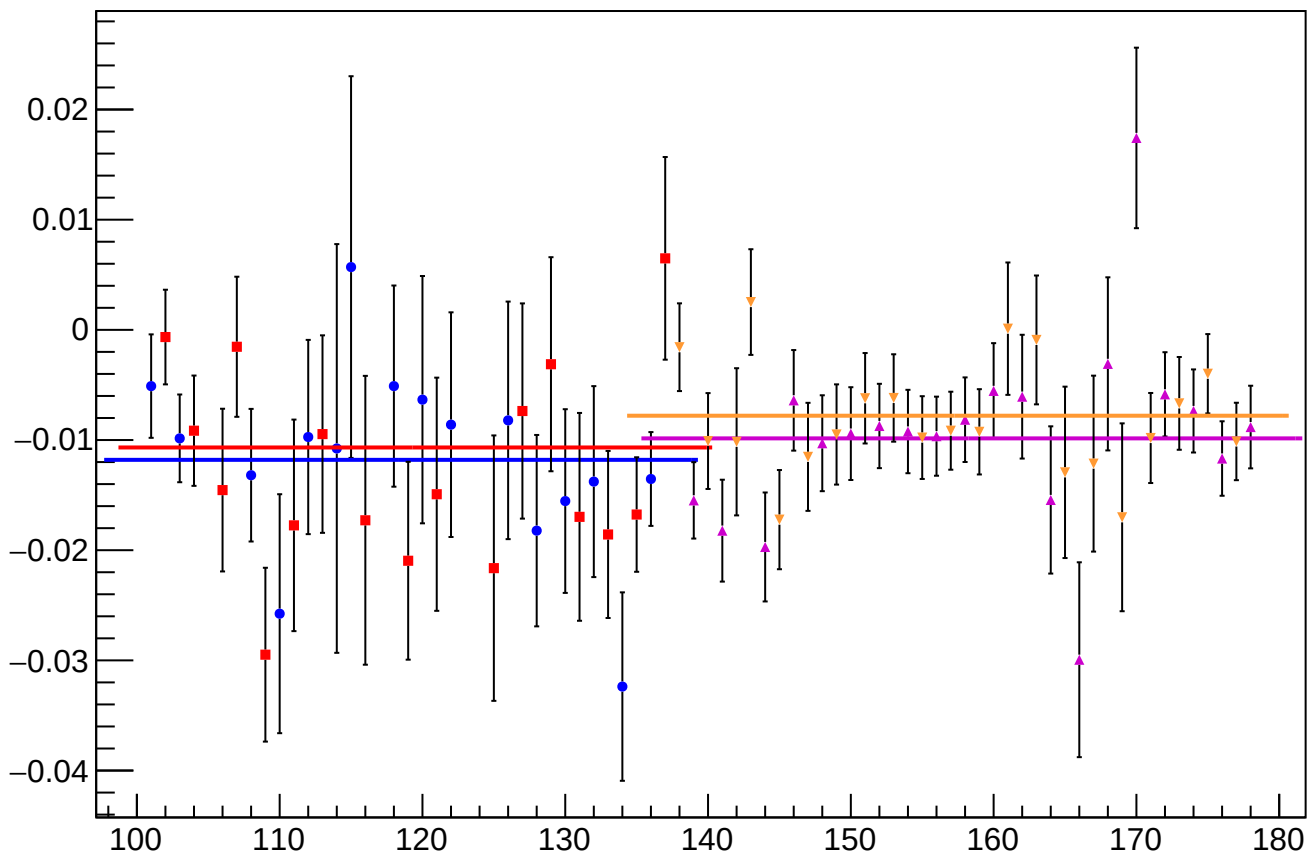
Right: 0.026 $\pm$ 0.023 χ^2/NDF : 35.3/32

In: 0.040 $\pm$ 0.018 χ^2/NDF : 41.6/35

Out: 0.079 $\pm$ 0.018 χ^2/NDF : 46.3/37

All: 0.060 $\pm$ 0.013 χ^2/NDF : 90.2/73

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 $\pm$ 0.001 χ^2/NDF : 20.4/20

Right Out: -0.011 $\pm$ 0.002 χ^2/NDF : 23.8/16

Left In: -0.010 $\pm$ 0.001 χ^2/NDF : 31.8/19

Left: -0.009 $\pm$ 0.001 χ^2/NDF : 54.4/40

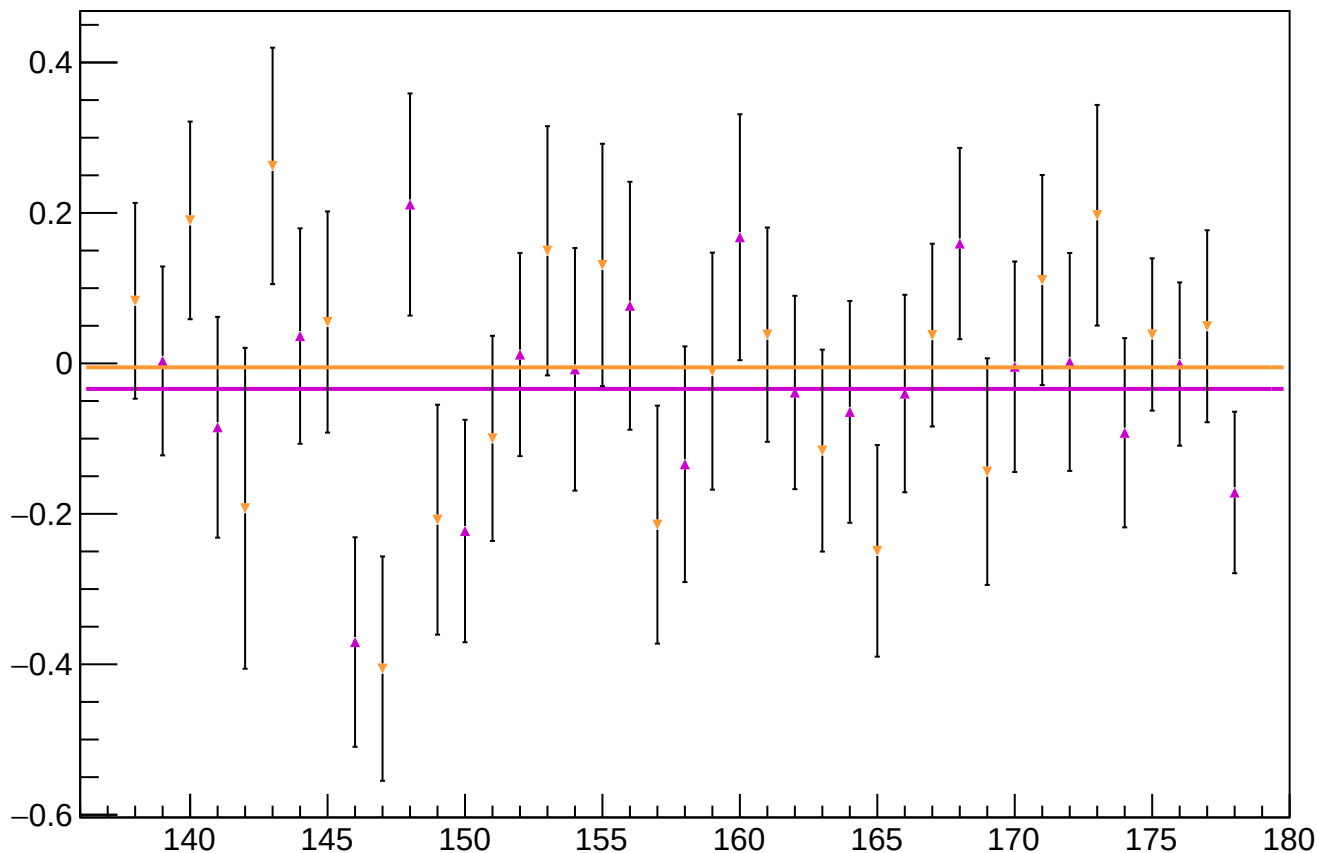
Right: -0.011 $\pm$ 0.001 χ^2/NDF : 36.8/32

In: -0.010 $\pm$ 0.001 χ^2/NDF : 45.5/35

Out: -0.008 $\pm$ 0.001 χ^2/NDF : 46.1/37

All: -0.009 $\pm$ 0.001 χ^2/NDF : 93.9/73

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.034 $\pm$ 0.031 χ^2 /NDF:17.6/19

Left: -0.020 $\pm$ 0.022 χ^2 /NDF: 45.1/40

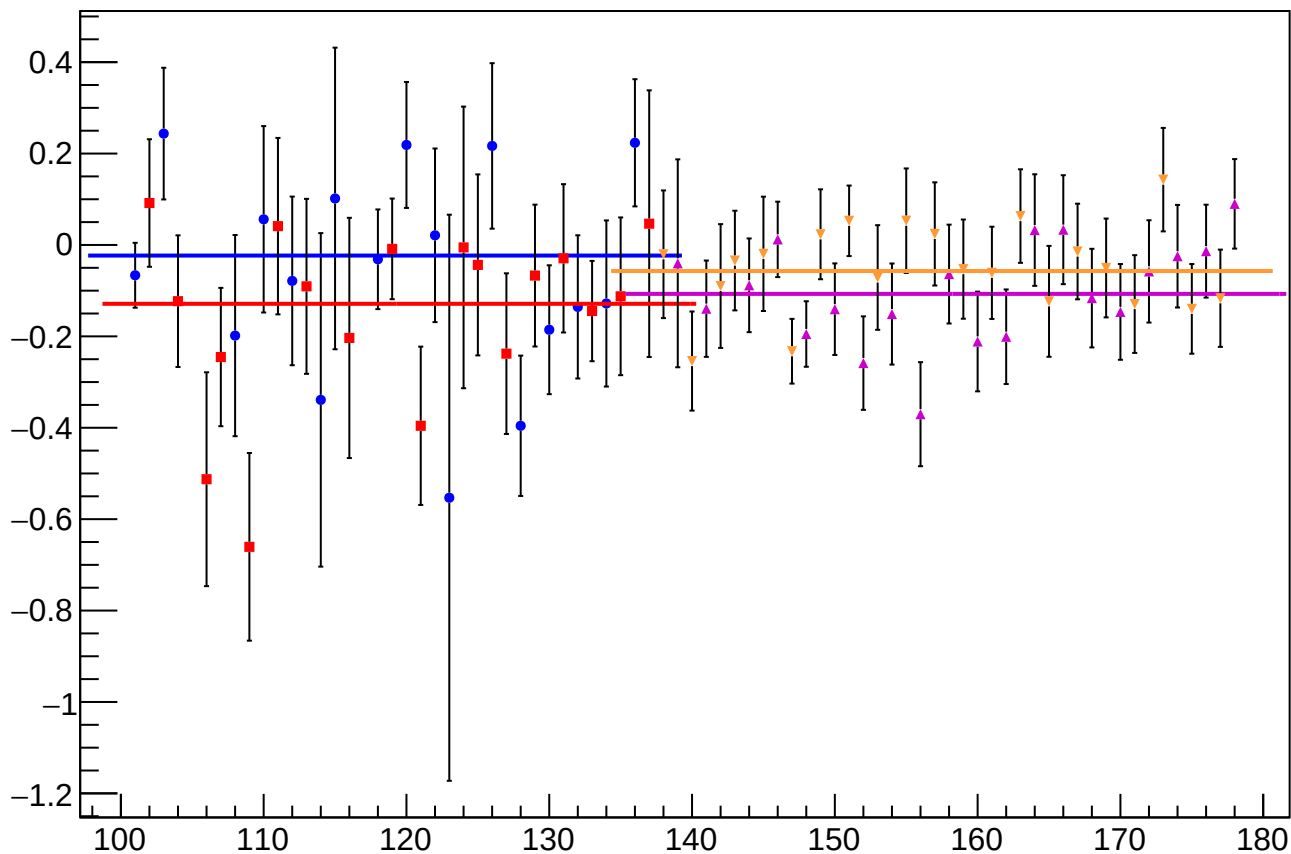
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.034 $\pm$ 0.031 χ^2 /NDF:17.6/19

Out: -0.005 $\pm$ 0.031 χ^2 /NDF:27.0/20

All: -0.020 $\pm$ 0.022 χ^2 /NDF: 45.1/40

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.057 ± 0.023 $\chi^2/\text{NDF}: 20.3/20$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.107 ± 0.023 $\chi^2/\text{NDF}: 22.0/19$

Left: -0.081 ± 0.016 $\chi^2/\text{NDF}: 44.6/40$

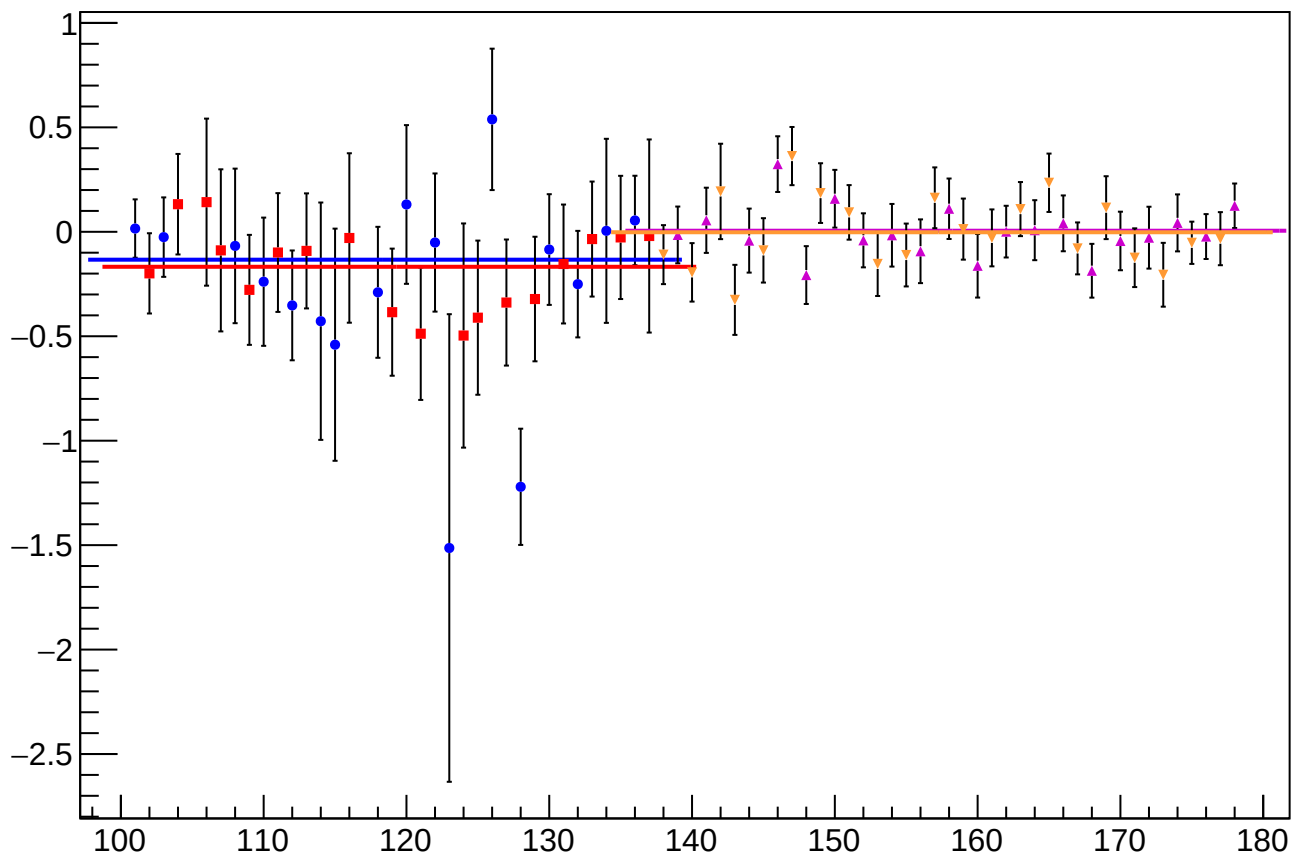
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.083 ± 0.020 $\chi^2/\text{NDF}: 48.1/36$

Out: -0.075 ± 0.020 $\chi^2/\text{NDF}: 41.4/38$

All: -0.079 ± 0.014 $\chi^2/\text{NDF}: 89.6/75$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.002 ± 0.031 χ^2/NDF : 26.6/20

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.005 ± 0.030 χ^2/NDF : 15.7/19

Left: 0.002 ± 0.022 χ^2/NDF : 42.3/40

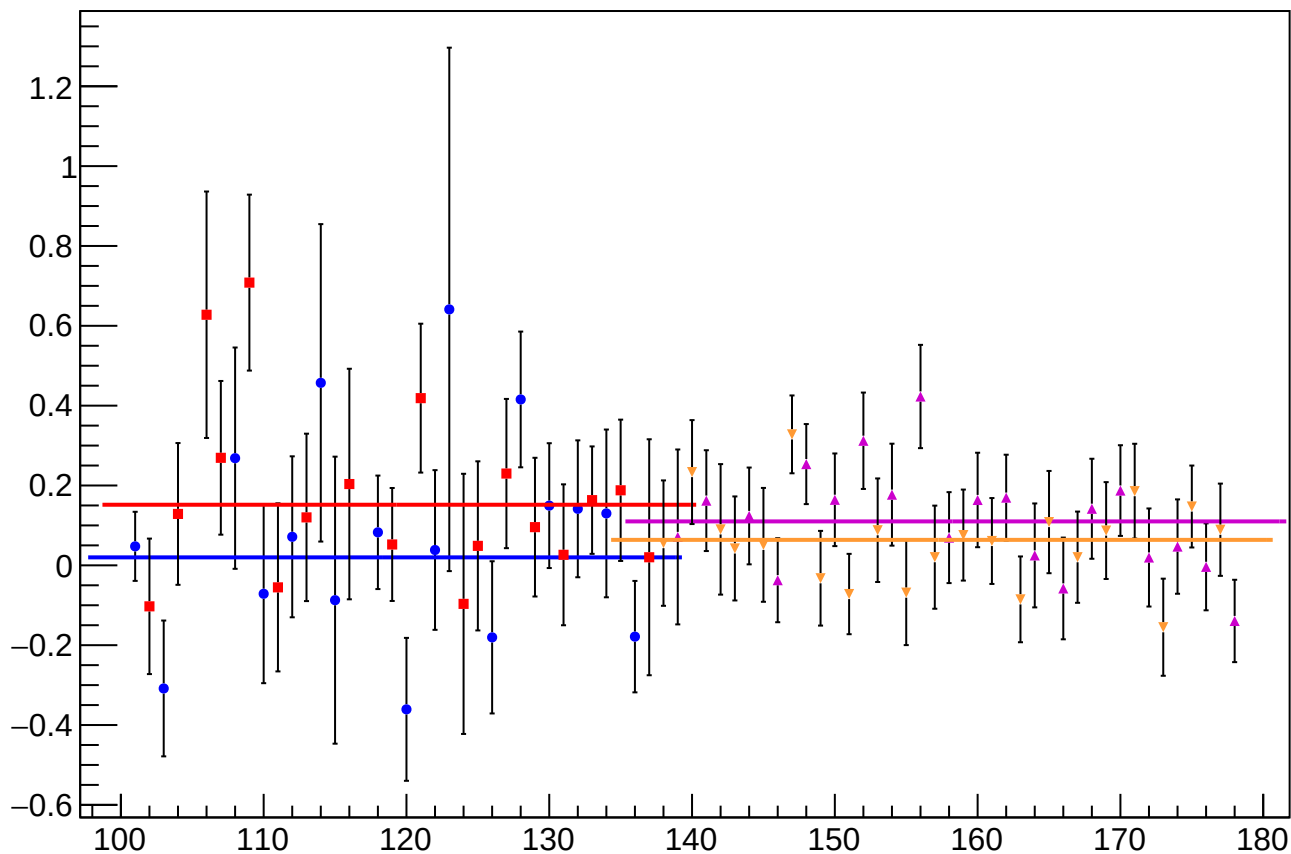
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.018 ± 0.028 χ^2/NDF : 45.0/36

Out: -0.028 ± 0.028 χ^2/NDF : 37.3/38

All: -0.023 ± 0.020 χ^2/NDF : 82.4/75

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.064 ± 0.026 χ^2/NDF : 20.0/20

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.110 ± 0.027 χ^2/NDF : 24.5/19

Left: 0.087 ± 0.019 χ^2/NDF : 46.0/40

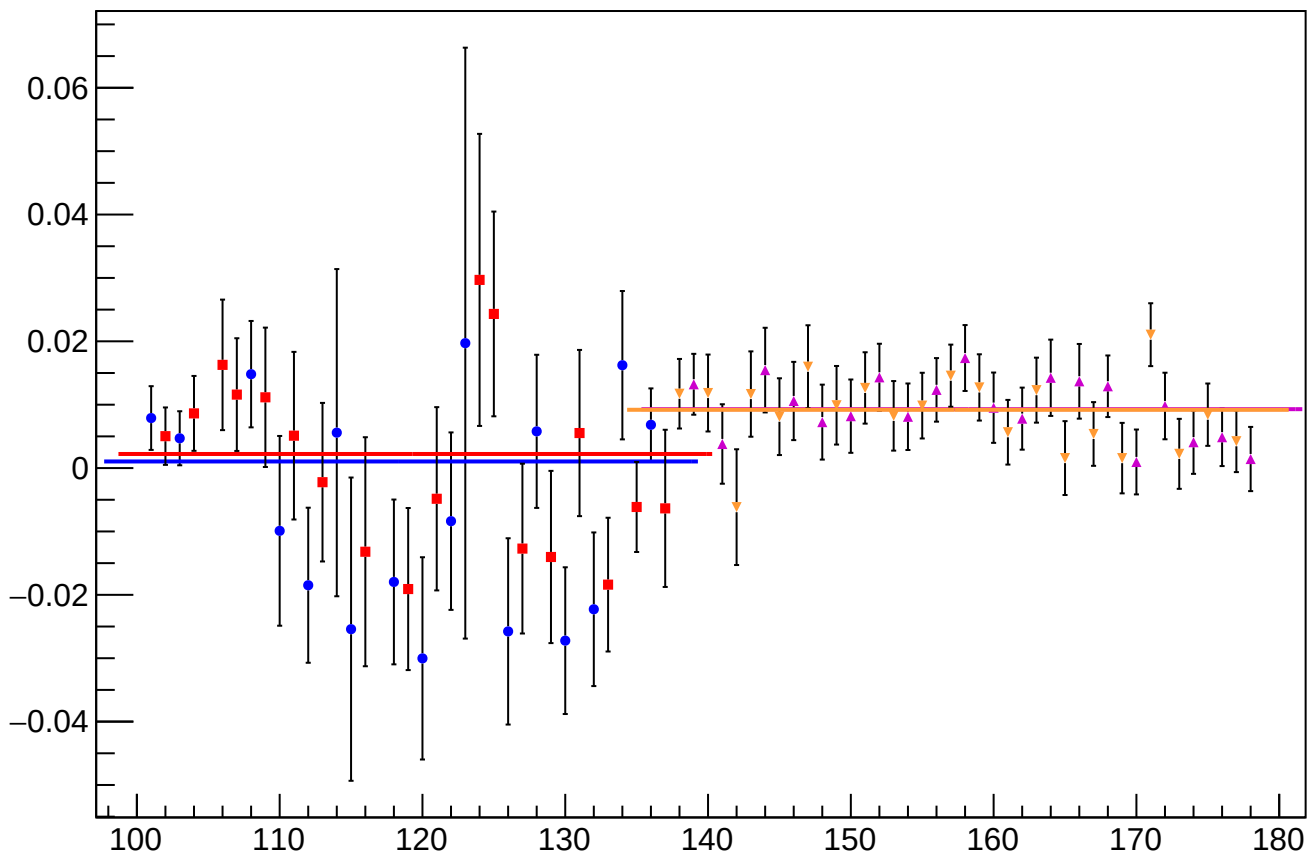
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.085 ± 0.022 χ^2/NDF : 49.5/36

Out: 0.086 ± 0.023 χ^2/NDF : 39.6/38

All: 0.085 ± 0.016 χ^2/NDF : 89.1/75

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 ± 0.002 χ^2/NDF : 32.0/16

Left Out: 0.009 ± 0.001 χ^2/NDF : 19.9/20

Right Out: 0.002 ± 0.002 χ^2/NDF : 20.8/17

Left In: 0.009 ± 0.001 χ^2/NDF : 15.2/19

Left: 0.009 ± 0.001 χ^2/NDF : 35.1/40

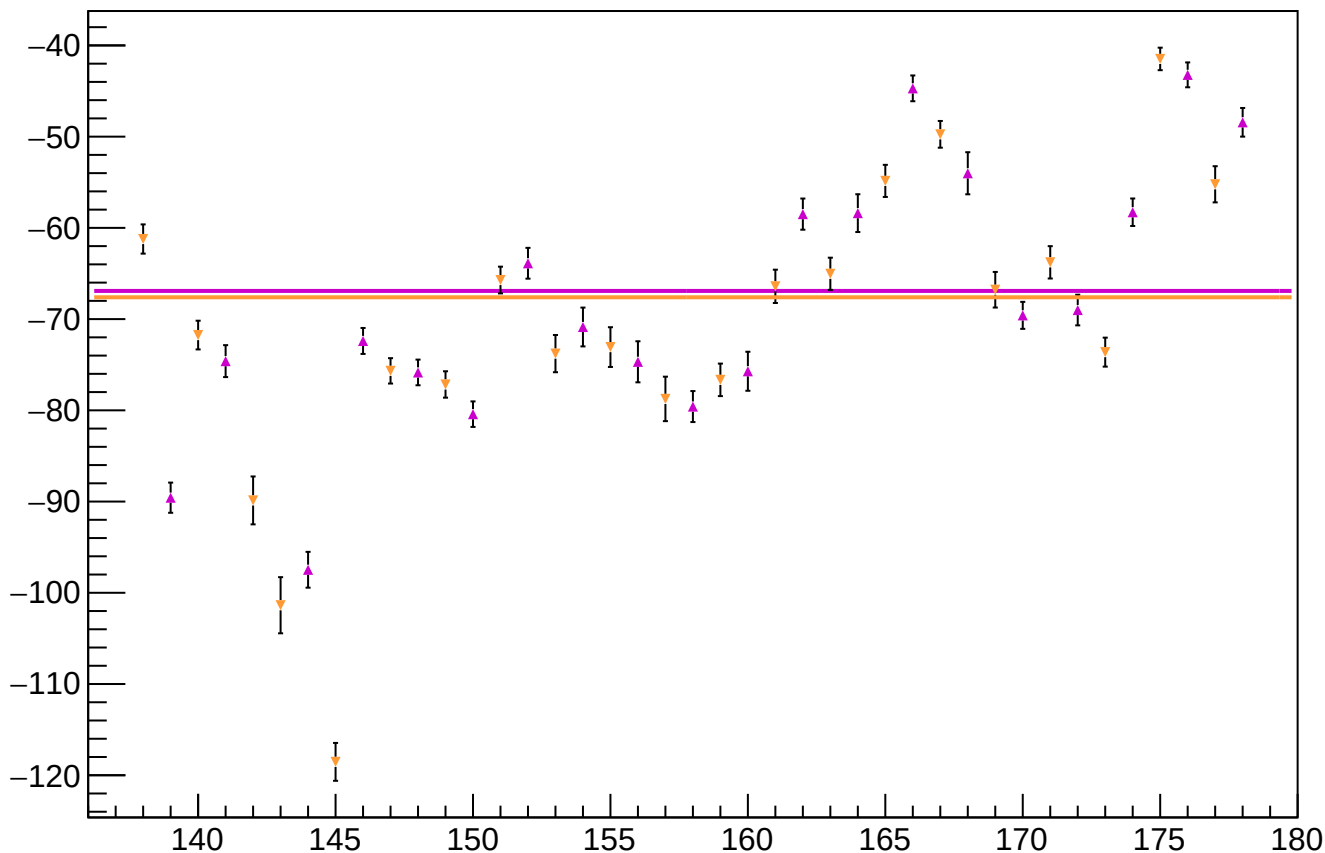
Right: 0.002 ± 0.002 χ^2/NDF : 53.0/34

In: 0.007 ± 0.001 χ^2/NDF : 57.9/36

Out: 0.008 ± 0.001 χ^2/NDF : 48.1/38

All: 0.008 ± 0.001 χ^2/NDF : 106.0/75

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -67.610 $\pm$ 0.379 χ^2 /NDF:1668.9/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -66.912 $\pm$ 0.371 χ^2 /NDF:1486.5/19

Left: -67.254 $\pm$ 0.265 χ^2 /NDF: 3157.1/40

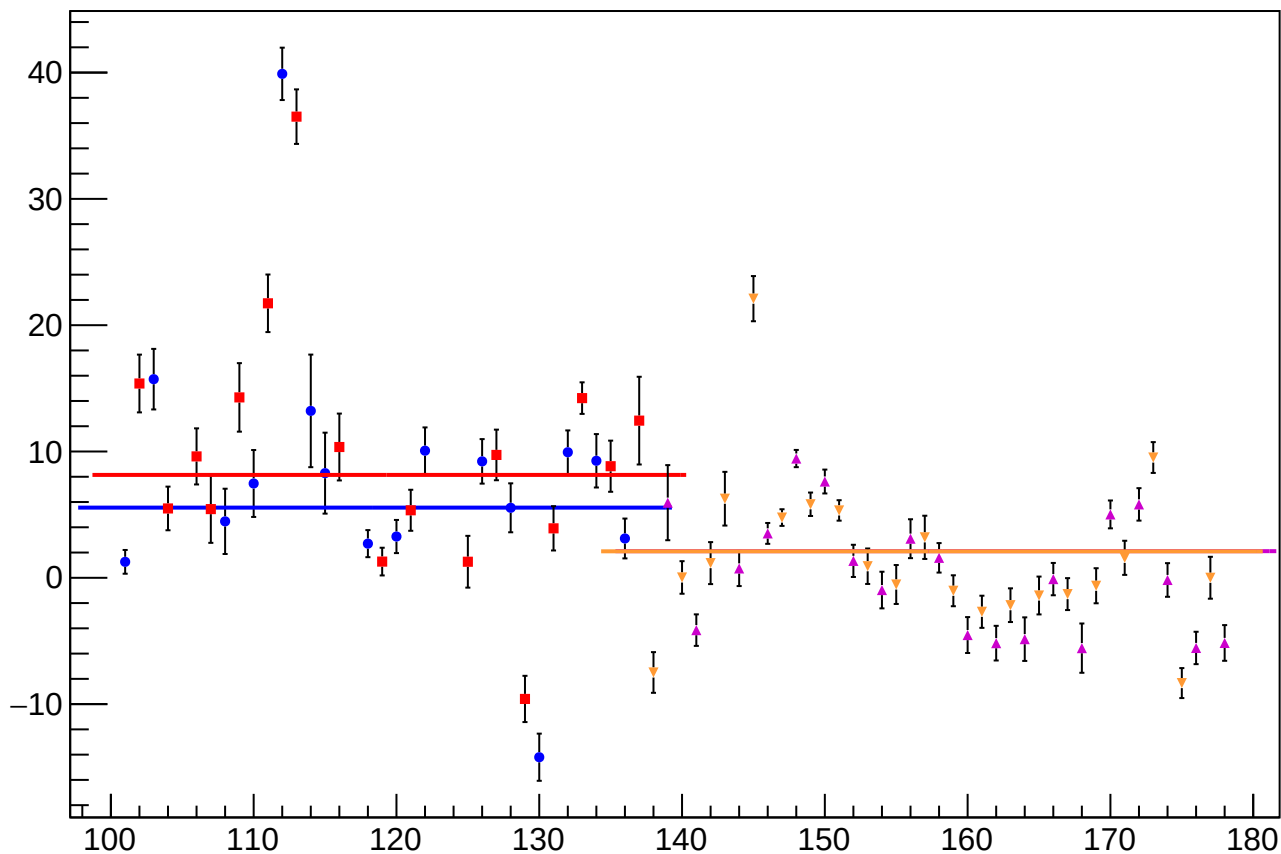
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -66.912 $\pm$ 0.371 χ^2 /NDF:1486.5/19

Out: -67.610 $\pm$ 0.379 χ^2 /NDF:1668.9/20

All: -67.254 $\pm$ 0.265 χ^2 /NDF: 3157.1/40

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.097 ± 0.269 $\chi^2/\text{NDF}: 383.2/20$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.110 ± 0.271 $\chi^2/\text{NDF}: 350.9/19$

Left: 2.103 ± 0.191 $\chi^2/\text{NDF}: 734.1/40$

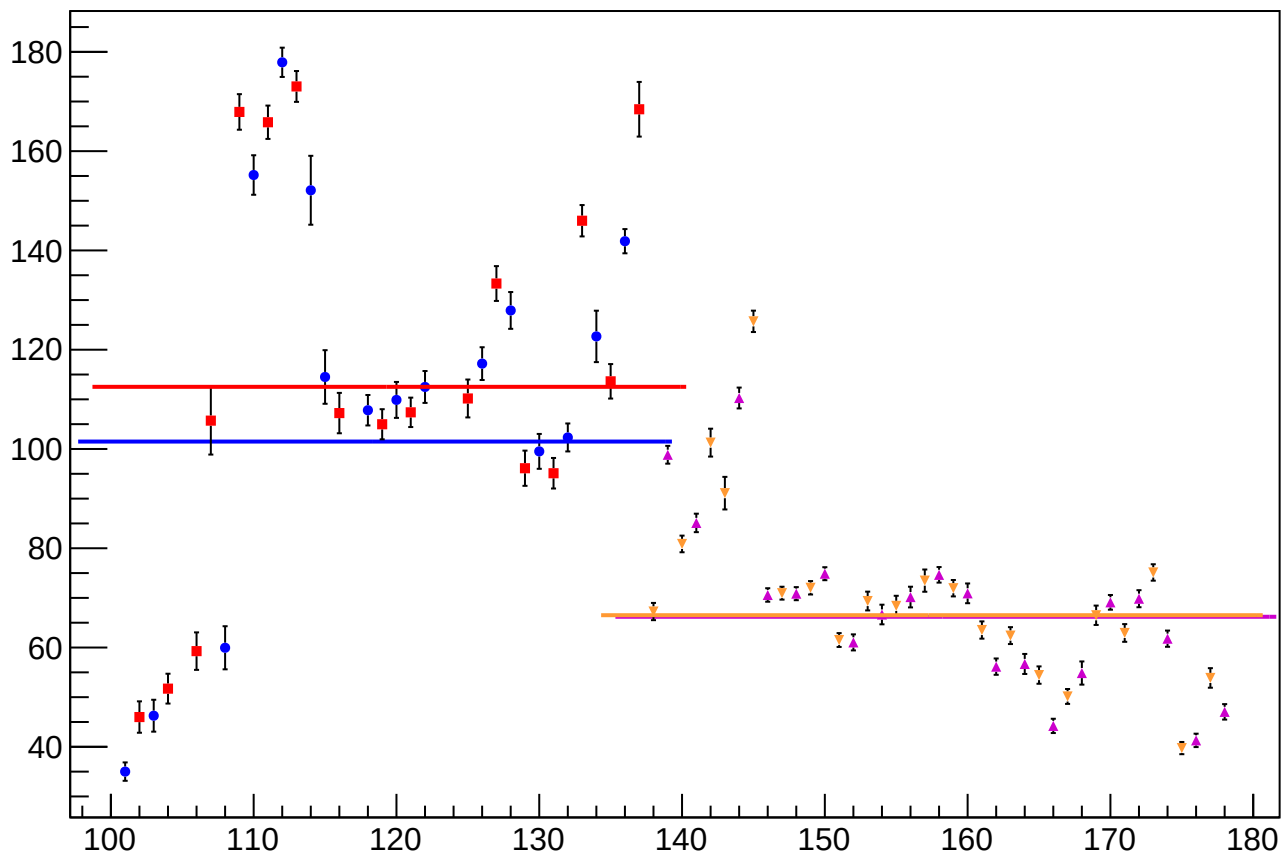
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.111 ± 0.229 $\chi^2/\text{NDF}: 859.8/35$

Out: 3.663 ± 0.231 $\chi^2/\text{NDF}: 921.4/37$

All: 3.384 ± 0.163 $\chi^2/\text{NDF}: 1784.1/73$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 66.514 $\pm$ 0.374 χ^2 /NDF:1823.1/20

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 66.197 $\pm$ 0.366 χ^2 /NDF:1814.7/19

Left: 66.352 $\pm$ 0.261 χ^2 /NDF: 3638.1/40

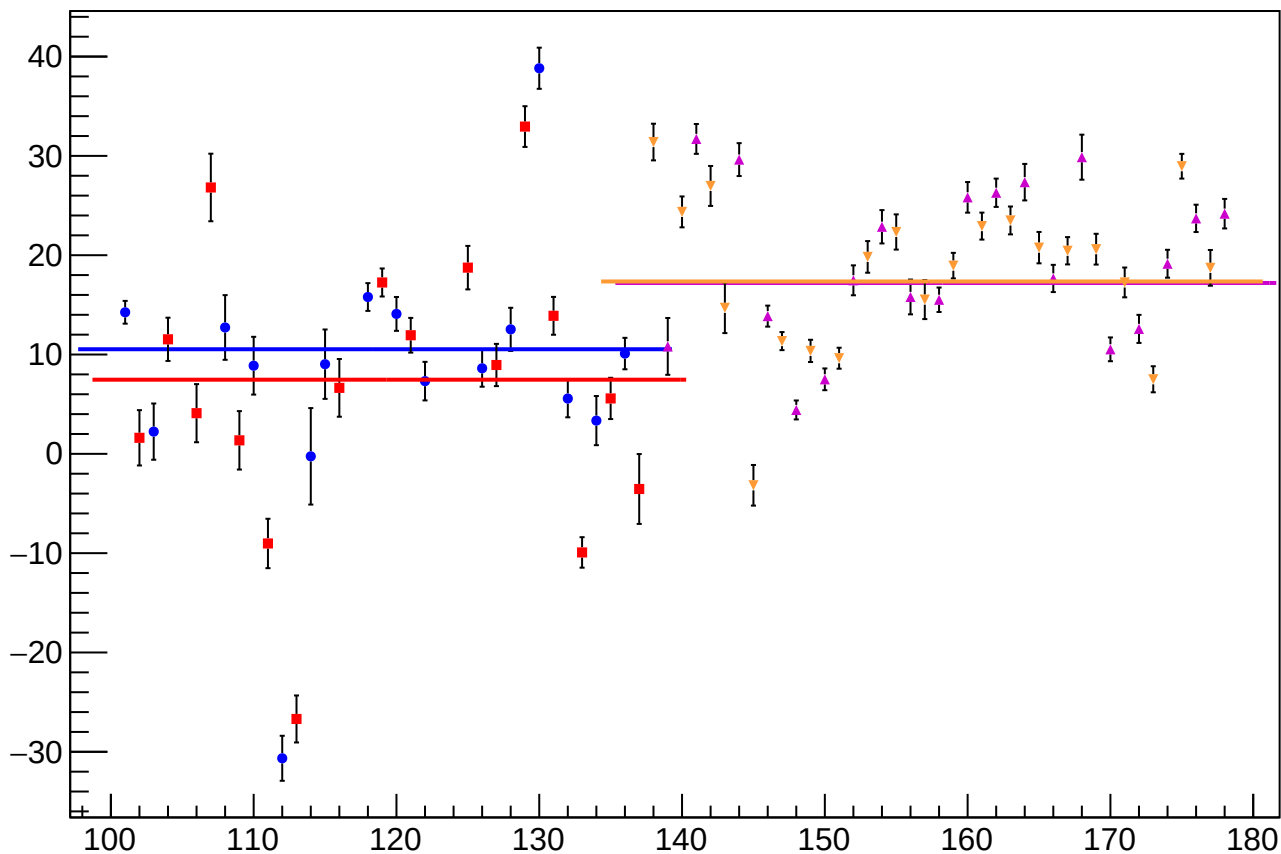
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 72.203 $\pm$ 0.333 χ^2 /NDF:6370.5/35

Out: 74.063 $\pm$ 0.342 χ^2 /NDF:6548.5/37

All: 73.110 $\pm$ 0.239 χ^2 /NDF: 12934.2/73

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 17.356 ± 0.313 $\chi^2/\text{NDF}: 545.3/20$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 17.205 ± 0.314 $\chi^2/\text{NDF}: 658.2/19$

Left: 17.280 ± 0.222 $\chi^2/\text{NDF}: 1203.7/40$

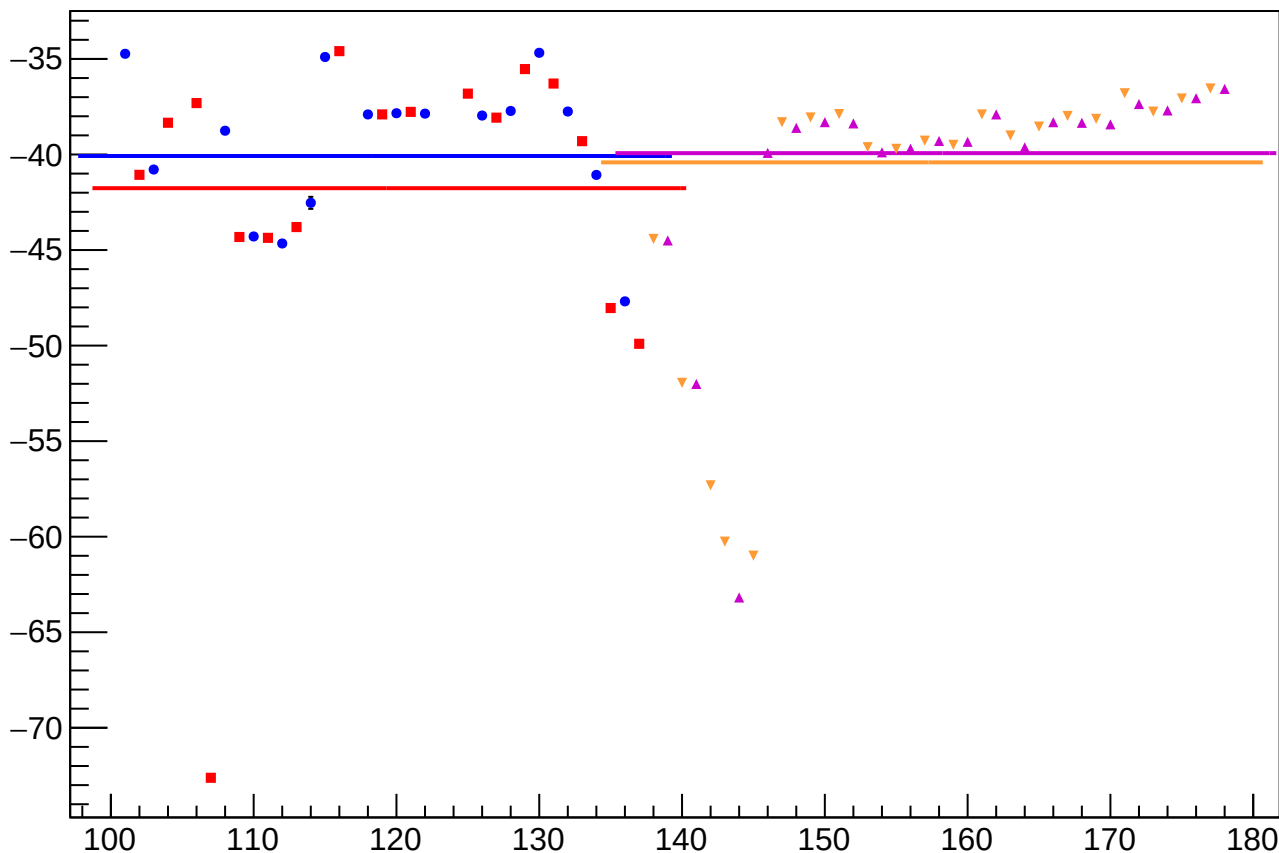
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 15.281 ± 0.265 $\chi^2/\text{NDF}: 1369.0/35$

Out: 14.762 ± 0.269 $\chi^2/\text{NDF}: 1492.0/37$

All: 15.025 ± 0.189 $\chi^2/\text{NDF}: 2862.9/73$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -40.413 ± 0.015 χ^2/NDF : 152583.5/20

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -39.929 ± 0.015 χ^2/NDF : 107103.7/19

Left: -40.165 ± 0.010 χ^2/NDF : 260221.2/40

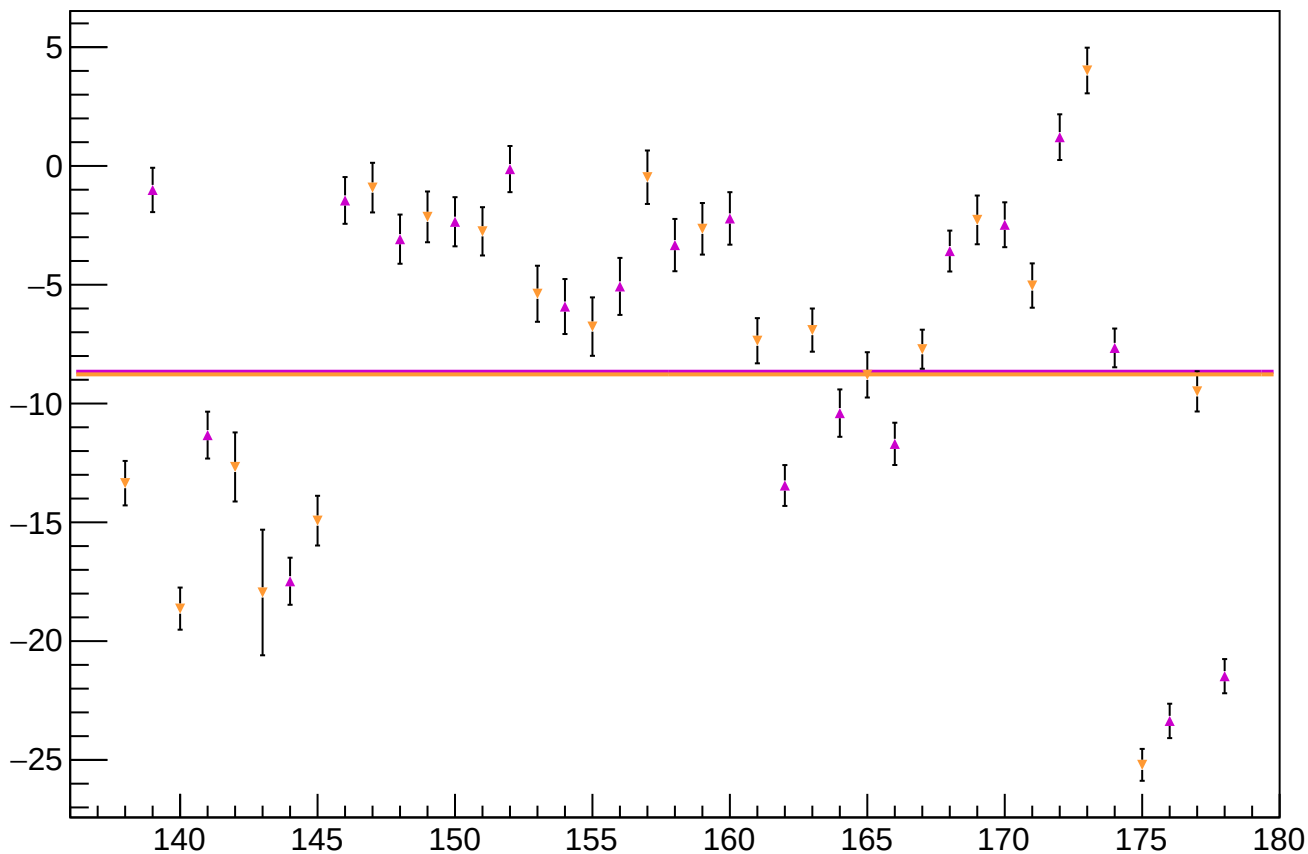
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -39.961 ± 0.013 χ^2/NDF : 132272.7/35

Out: -40.699 ± 0.013 χ^2/NDF : 214559.6/37

All: -40.321 ± 0.009 χ^2/NDF : 348413.1/73

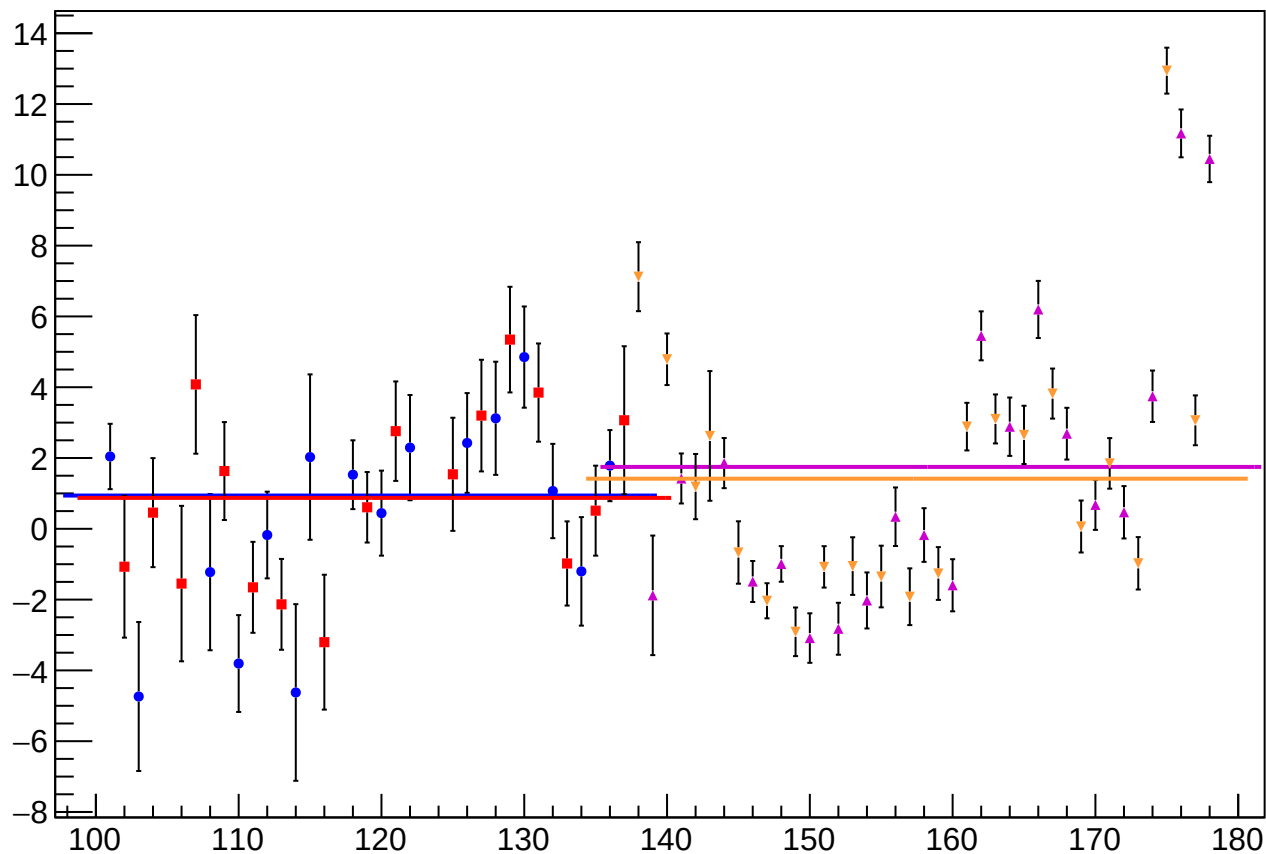
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.662 $\pm$ 0.210 χ^2 /NDF:1382.7/19

Left: -8.715 $\pm$ 0.150 χ^2 /NDF: 2653.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.662 $\pm$ 0.210 χ^2 /NDF:1382.7/19
 Out: -8.773 $\pm$ 0.216 χ^2 /NDF:1270.6/20
 All: -8.715 $\pm$ 0.150 χ^2 /NDF: 2653.5/40

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.416 ± 0.161 $\chi^2/\text{NDF}: 577.2/20$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 1.748 ± 0.160 $\chi^2/\text{NDF}: 651.0/19$

Left: 1.583 ± 0.113 $\chi^2/\text{NDF}: 1230.4/40$

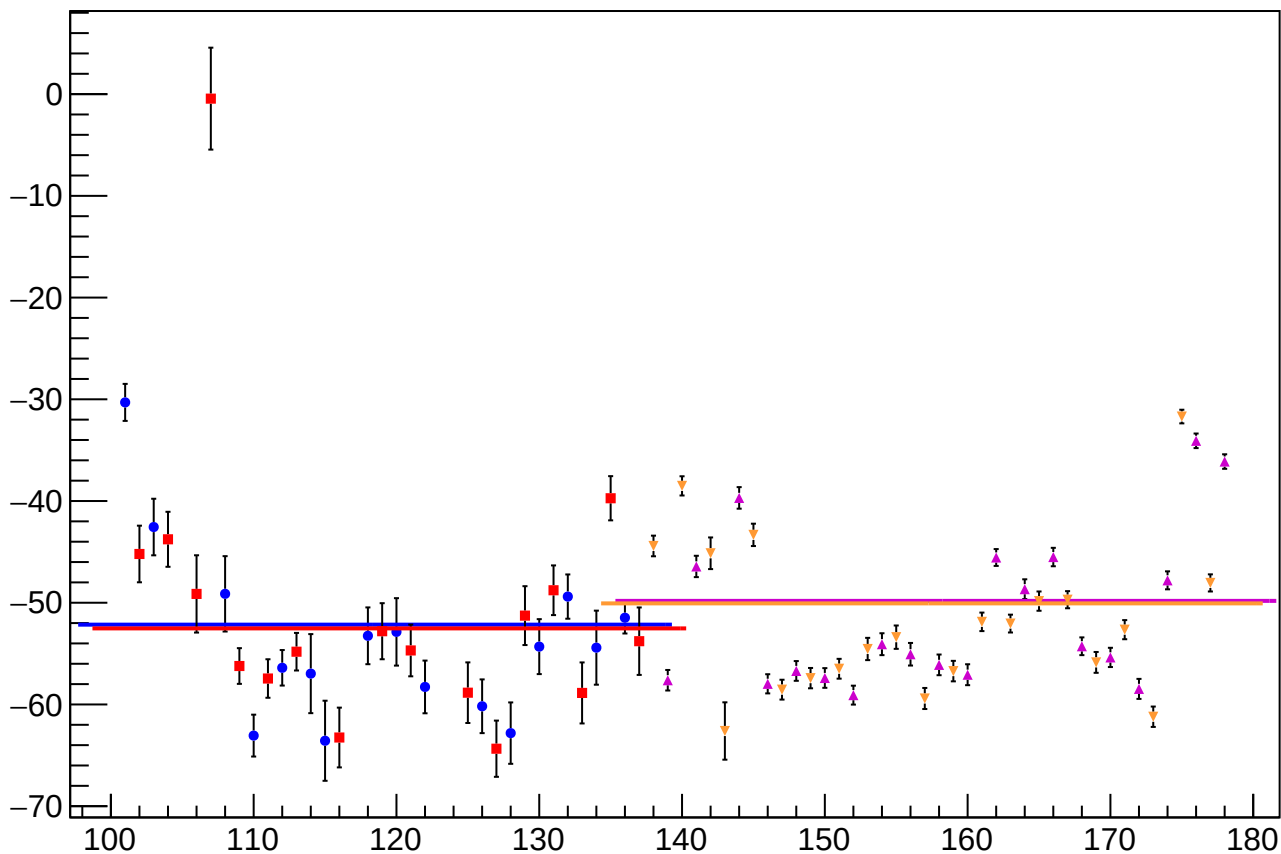
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 1.601 ± 0.145 $\chi^2/\text{NDF}: 697.9/35$

Out: 1.323 ± 0.146 $\chi^2/\text{NDF}: 619.7/37$

All: 1.463 ± 0.103 $\chi^2/\text{NDF}: 1319.4/73$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.064 ± 0.214 χ^2/NDF : 1500.1/20

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -49.817 ± 0.208 χ^2/NDF : 1617.6/19

Left: -49.937 ± 0.149 χ^2/NDF : 3118.4/40

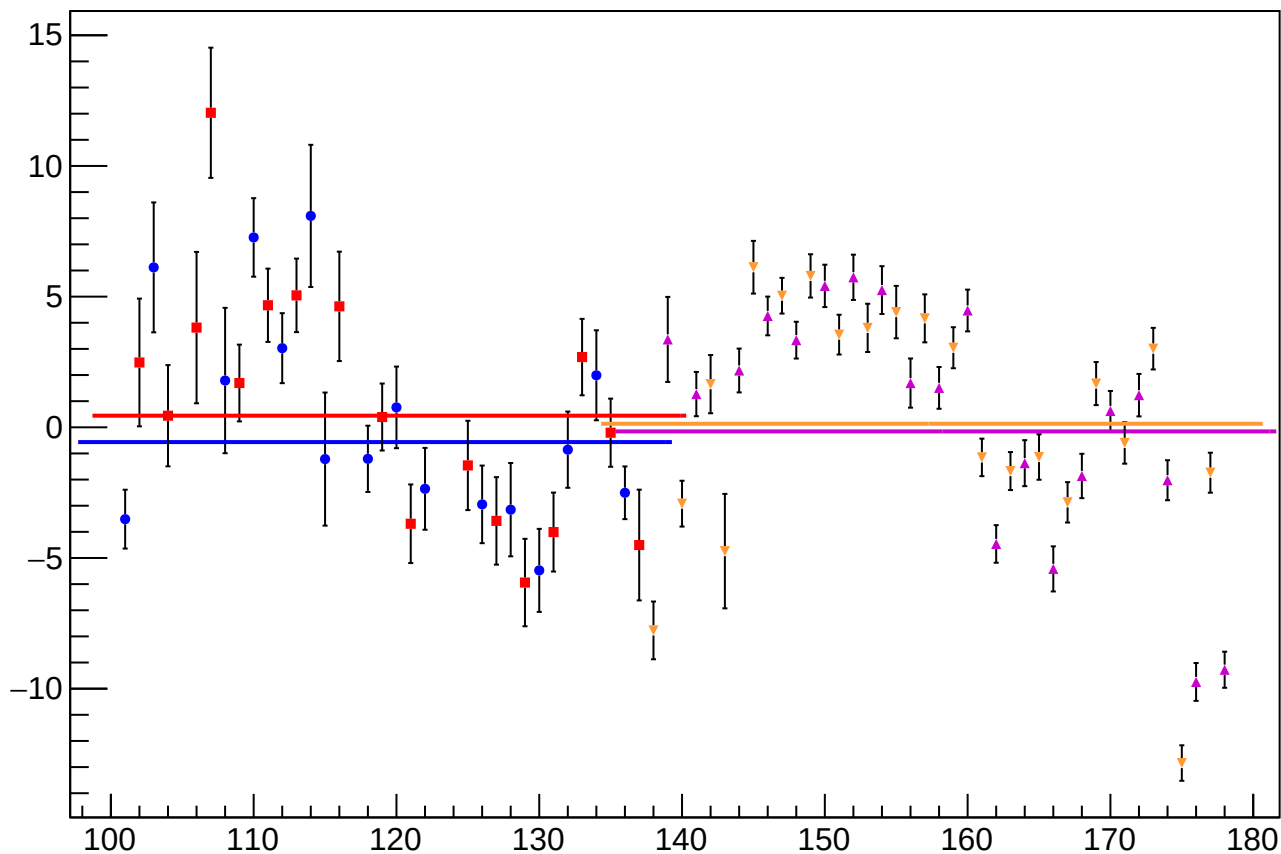
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -50.058 ± 0.197 χ^2/NDF : 1861.7/35

Out: -50.328 ± 0.202 χ^2/NDF : 1732.0/37

All: -50.189 ± 0.141 χ^2/NDF : 3594.6/73

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 0.136 ± 0.183 χ^2/NDF : 706.0/20

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: -0.157 ± 0.182 χ^2/NDF : 684.0/19

Left: -0.011 ± 0.129 χ^2/NDF : 1391.2/40

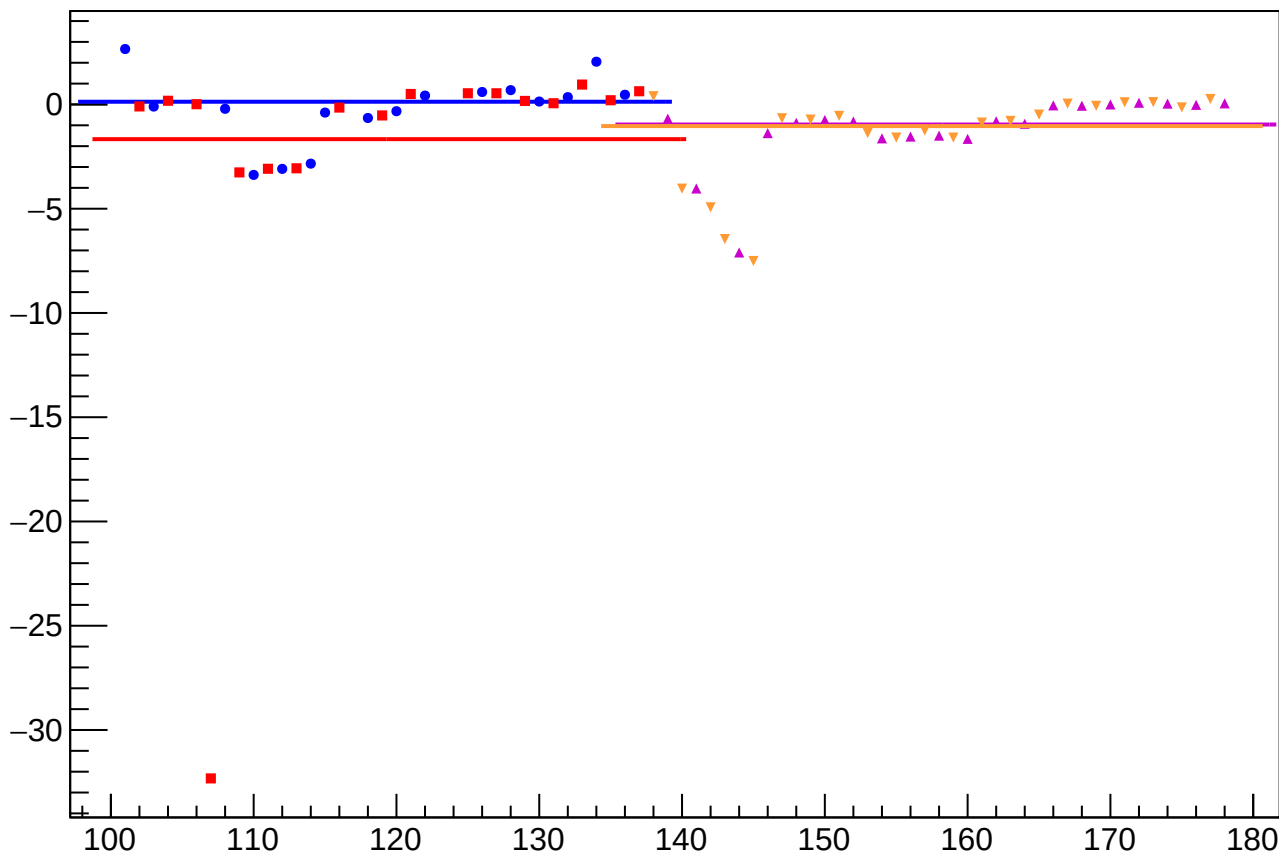
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -0.231 ± 0.164 χ^2/NDF : 766.7/35

Out: 0.190 ± 0.167 χ^2/NDF : 800.5/37

All: -0.024 ± 0.117 χ^2/NDF : 1570.5/73

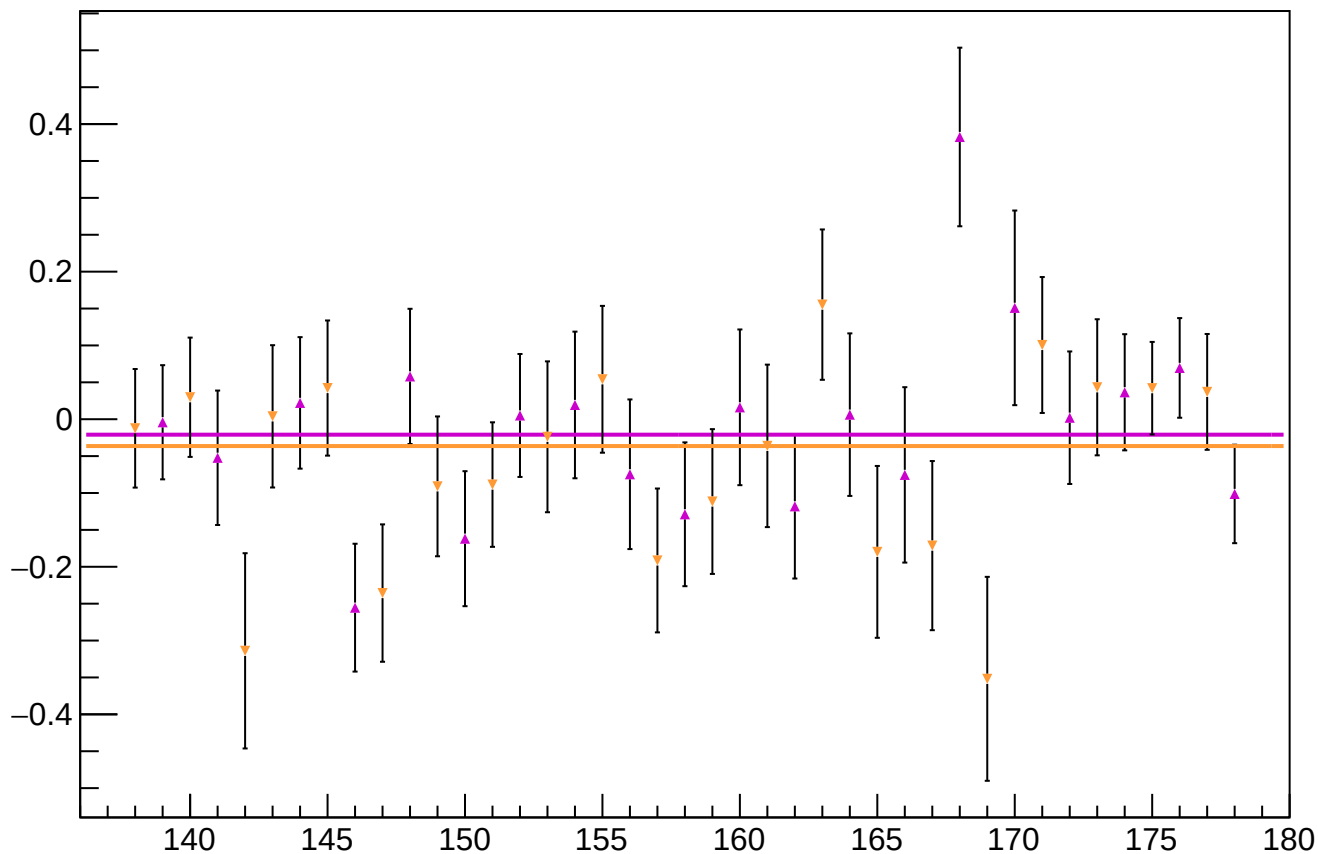
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.037 ± 0.008 $\chi^2/\text{NDF}: 42560.2/20$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.962 ± 0.008 $\chi^2/\text{NDF}: 29906.6/19$

Left: -0.999 ± 0.006 $\chi^2/\text{NDF}: 72506.6/40$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.823 ± 0.008 $\chi^2/\text{NDF}: 37389.6/35$
 Out: -1.118 ± 0.008 $\chi^2/\text{NDF}: 120879.1/37$
 All: -0.967 ± 0.006 $\chi^2/\text{NDF}: 158987.8/73$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.021 $\pm$ 0.020 χ^2 /NDF:30.6/19

Left: -0.029 $\pm$ 0.014 χ^2 /NDF: 63.3/40

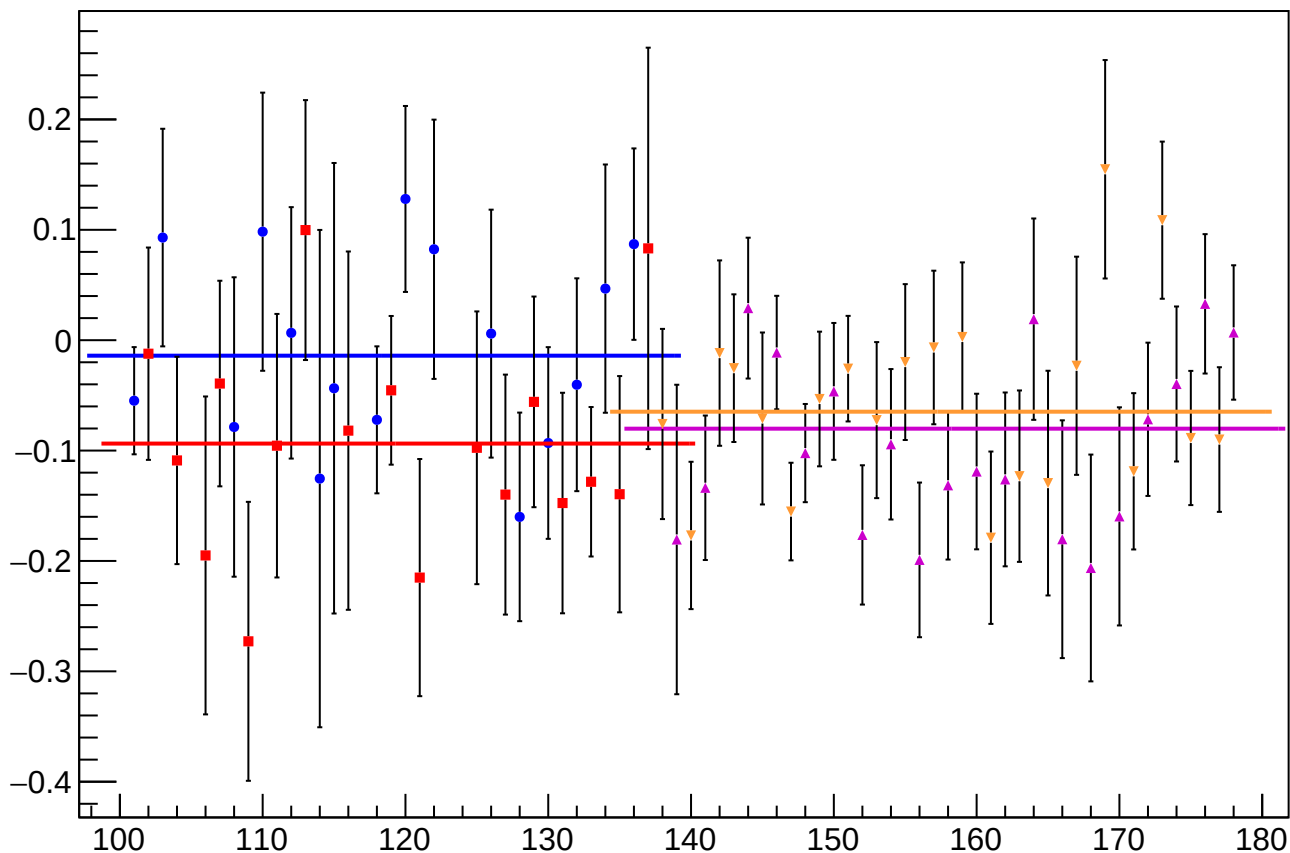
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.021 $\pm$ 0.020 χ^2 /NDF:30.6/19

Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/20

All: -0.029 $\pm$ 0.014 χ^2 /NDF: 63.3/40

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.065 ± 0.015 χ^2/NDF : 25.6/20

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.080 ± 0.015 χ^2/NDF : 22.7/19

Left: -0.072 ± 0.011 χ^2/NDF : 48.9/40

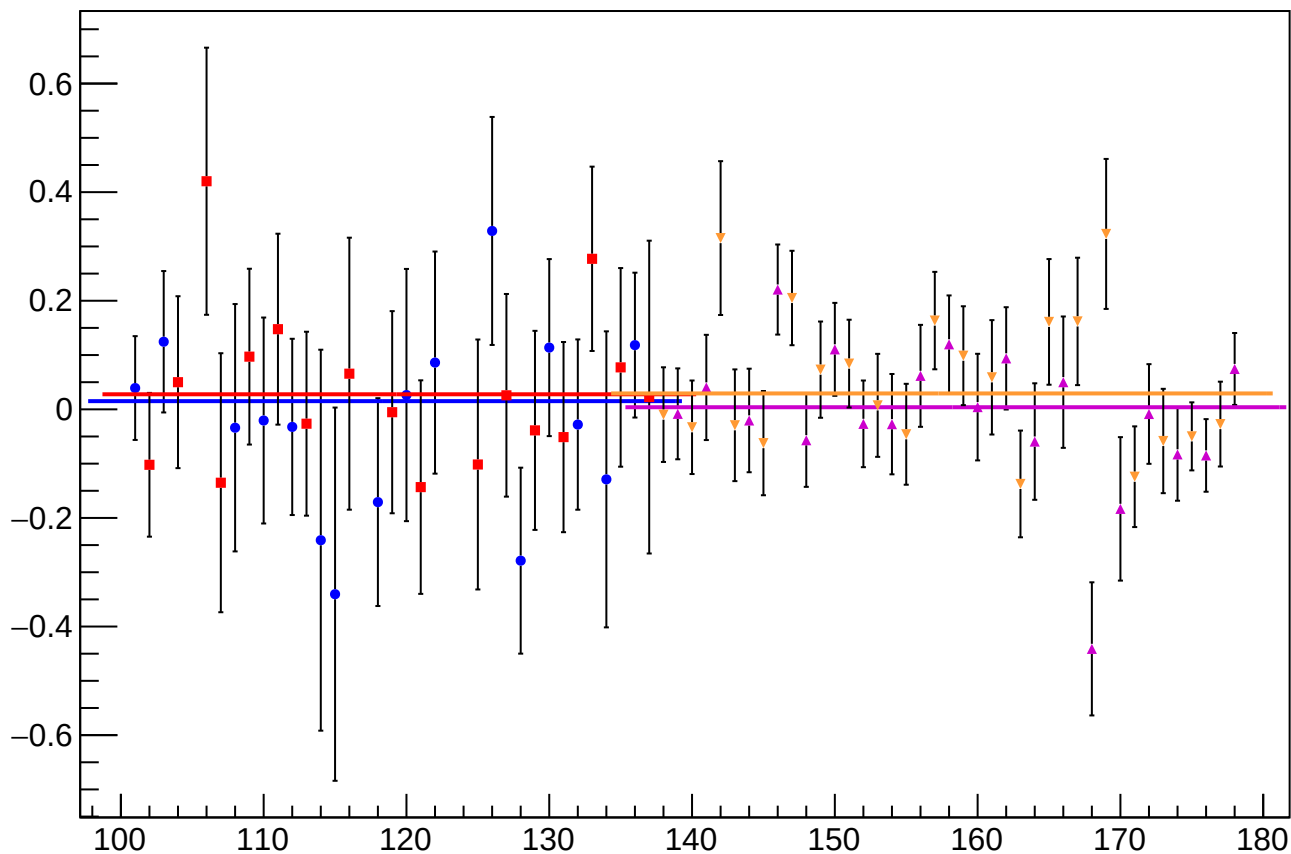
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.060 ± 0.013 χ^2/NDF : 40.8/35

Out: -0.073 ± 0.013 χ^2/NDF : 36.7/37

All: -0.066 ± 0.009 χ^2/NDF : 78.0/73

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.029 $\pm$ 0.020 χ^2 /NDF:30.1/20

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.004 $\pm$ 0.020 χ^2 /NDF:31.9/19

Left: 0.016 $\pm$ 0.014 χ^2 /NDF: 62.8/40

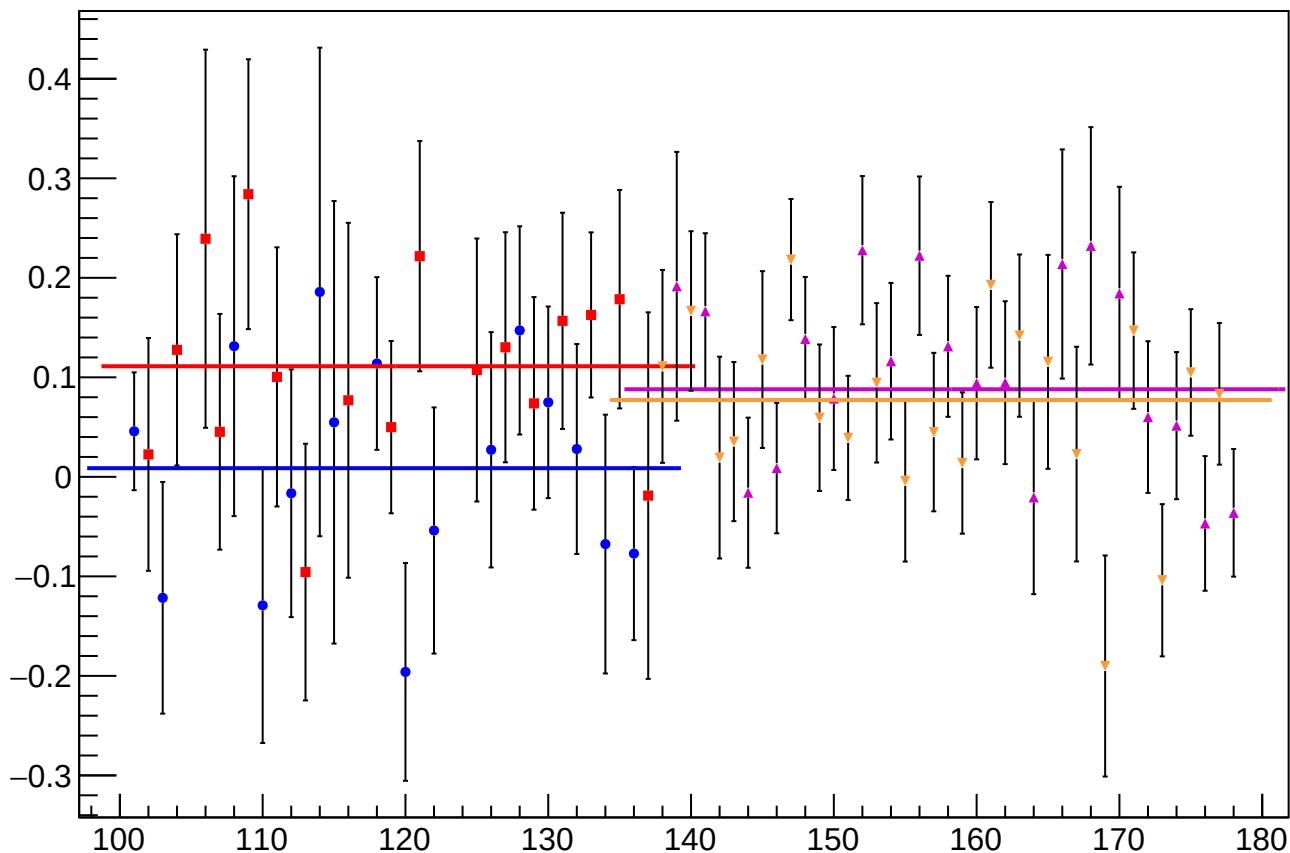
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.006 $\pm$ 0.018 χ^2 /NDF:42.1/35

Out: 0.029 $\pm$ 0.018 χ^2 /NDF:38.5/37

All: 0.017 $\pm$ 0.013 χ^2 /NDF: 81.4/73

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: 0.077 $\pm$ 0.017 χ^2 /NDF: 25.3/20

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.088 $\pm$ 0.018 χ^2 /NDF: 25.3/19

Left: 0.083 $\pm$ 0.012 χ^2 /NDF: 50.8/40

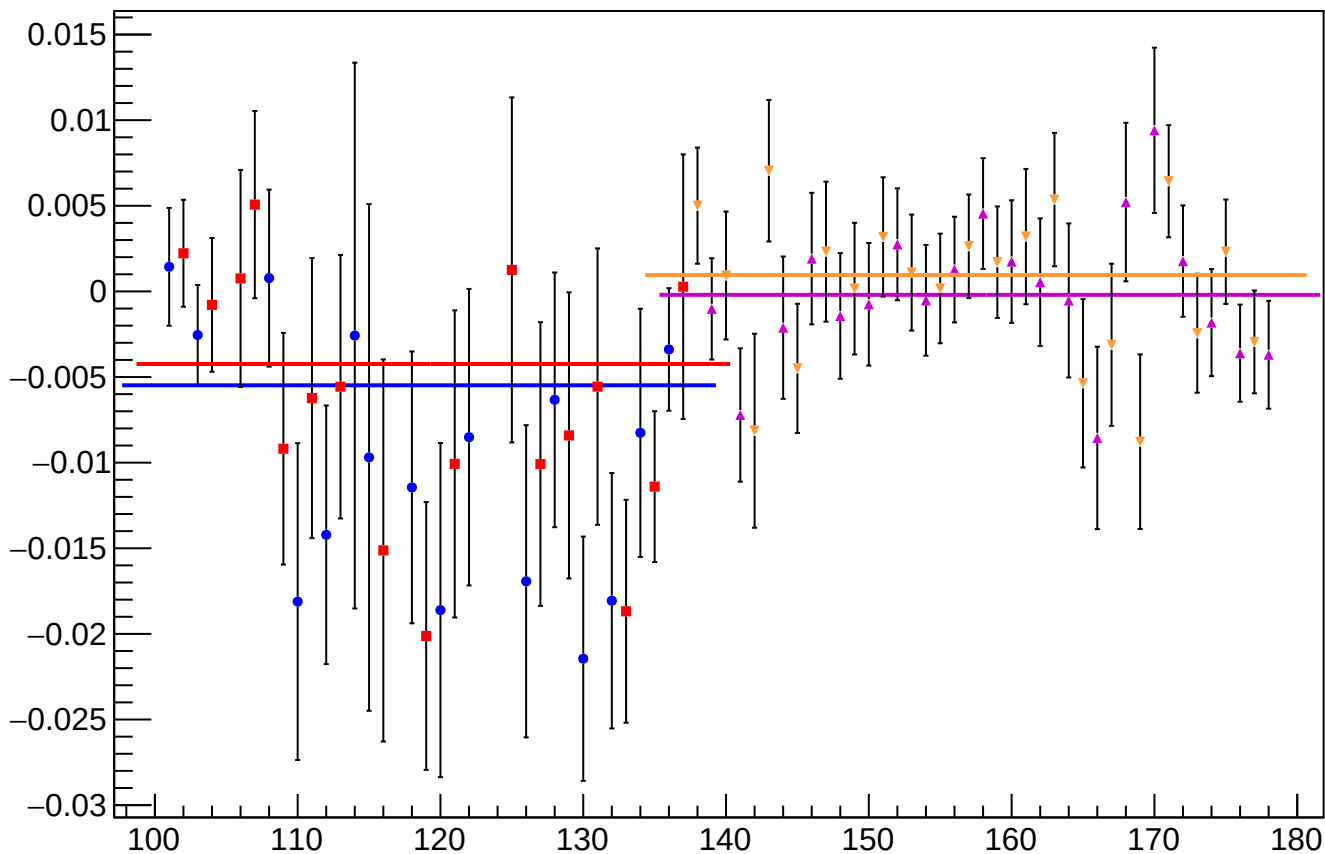
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.064 $\pm$ 0.015 χ^2 /NDF: 44.0/35

Out: 0.086 $\pm$ 0.015 χ^2 /NDF: 34.9/37

All: 0.075 $\pm$ 0.010 χ^2 /NDF: 80.0/73

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 22.5/20

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.000 ± 0.001 χ^2/NDF : 18.6/19

Left: 0.000 ± 0.001 χ^2/NDF : 42.2/40

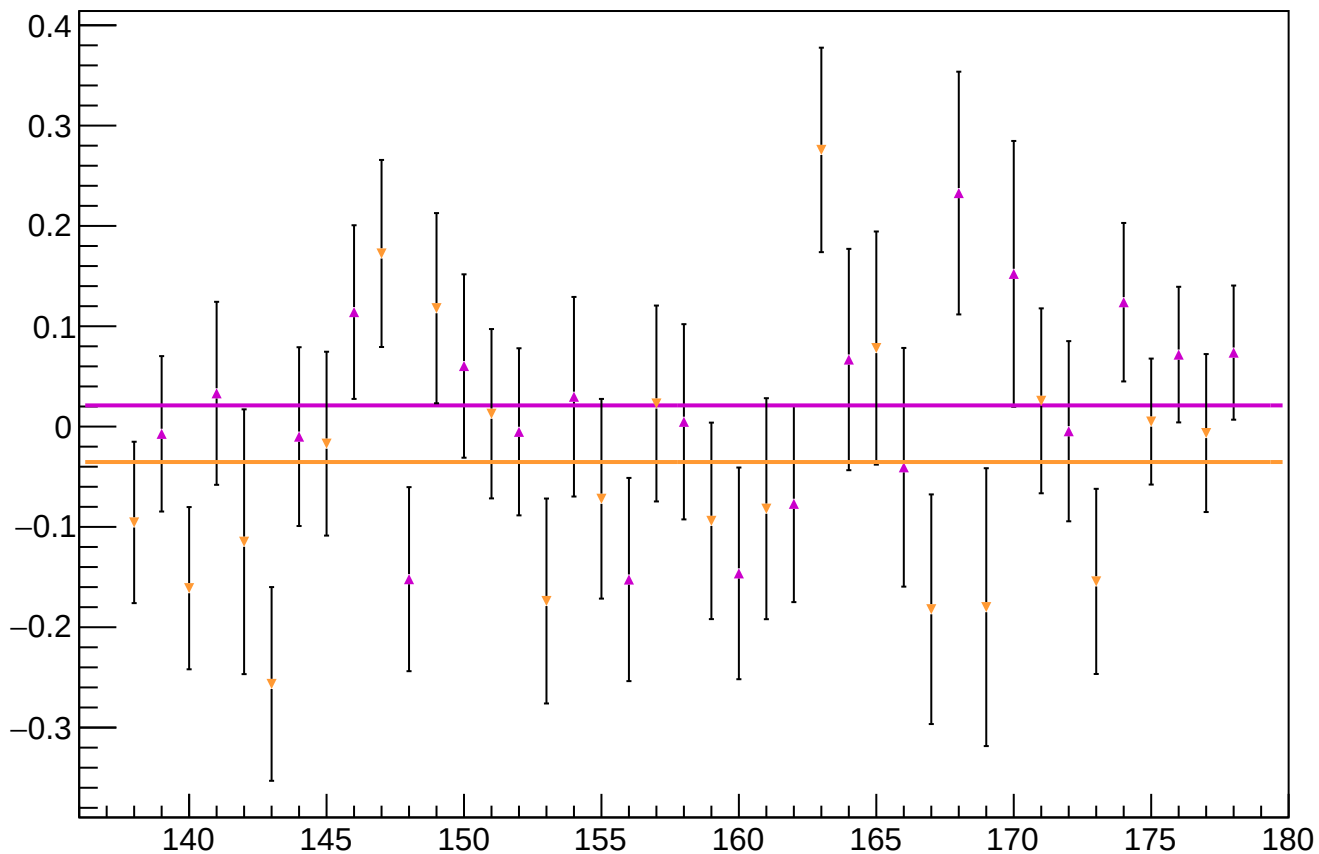
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 51.2/35

Out: -0.000 ± 0.001 χ^2/NDF : 55.9/37

All: -0.001 ± 0.000 χ^2/NDF : 108.6/73

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.021 $\pm$ 0.020 χ^2 /NDF:19.2/19

Left: -0.007 $\pm$ 0.014 χ^2 /NDF: 58.1/40

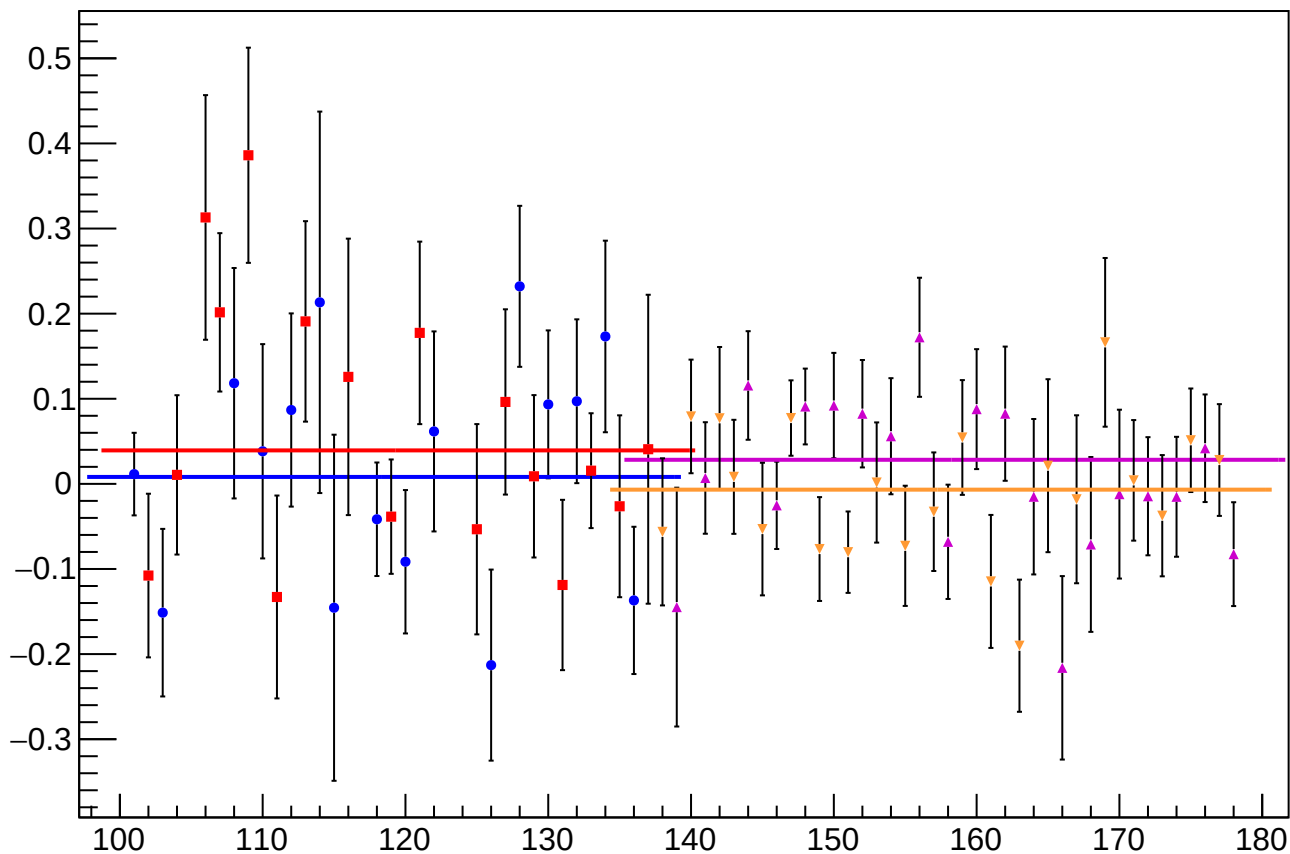
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.021 $\pm$ 0.020 χ^2 /NDF:19.2/19

Out: -0.035 $\pm$ 0.020 χ^2 /NDF:35.1/20

All: -0.007 $\pm$ 0.014 χ^2 /NDF: 58.1/40

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.007 ± 0.015 χ^2/NDF : 24.6/20

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.028 ± 0.015 χ^2/NDF : 26.6/19

Left: 0.010 ± 0.011 χ^2/NDF : 53.8/40

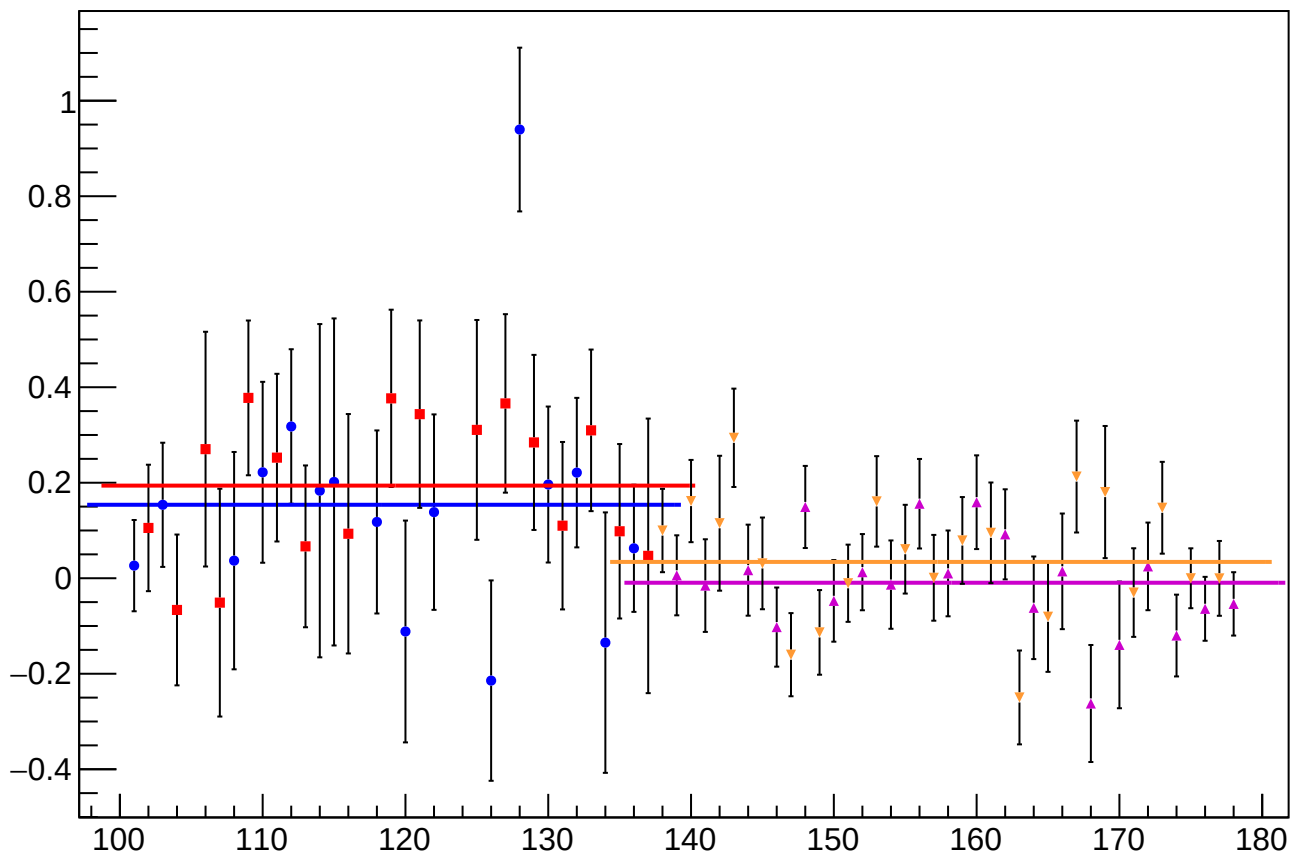
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.022 ± 0.013 χ^2/NDF : 50.8/35

Out: 0.006 ± 0.013 χ^2/NDF : 54.7/37

All: 0.014 ± 0.009 χ^2/NDF : 106.3/73

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.034 ± 0.020 $\chi^2/\text{NDF}: 35.2/20$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: -0.009 ± 0.020 $\chi^2/\text{NDF}: 20.7/19$

Left: 0.012 ± 0.014 $\chi^2/\text{NDF}: 58.3/40$

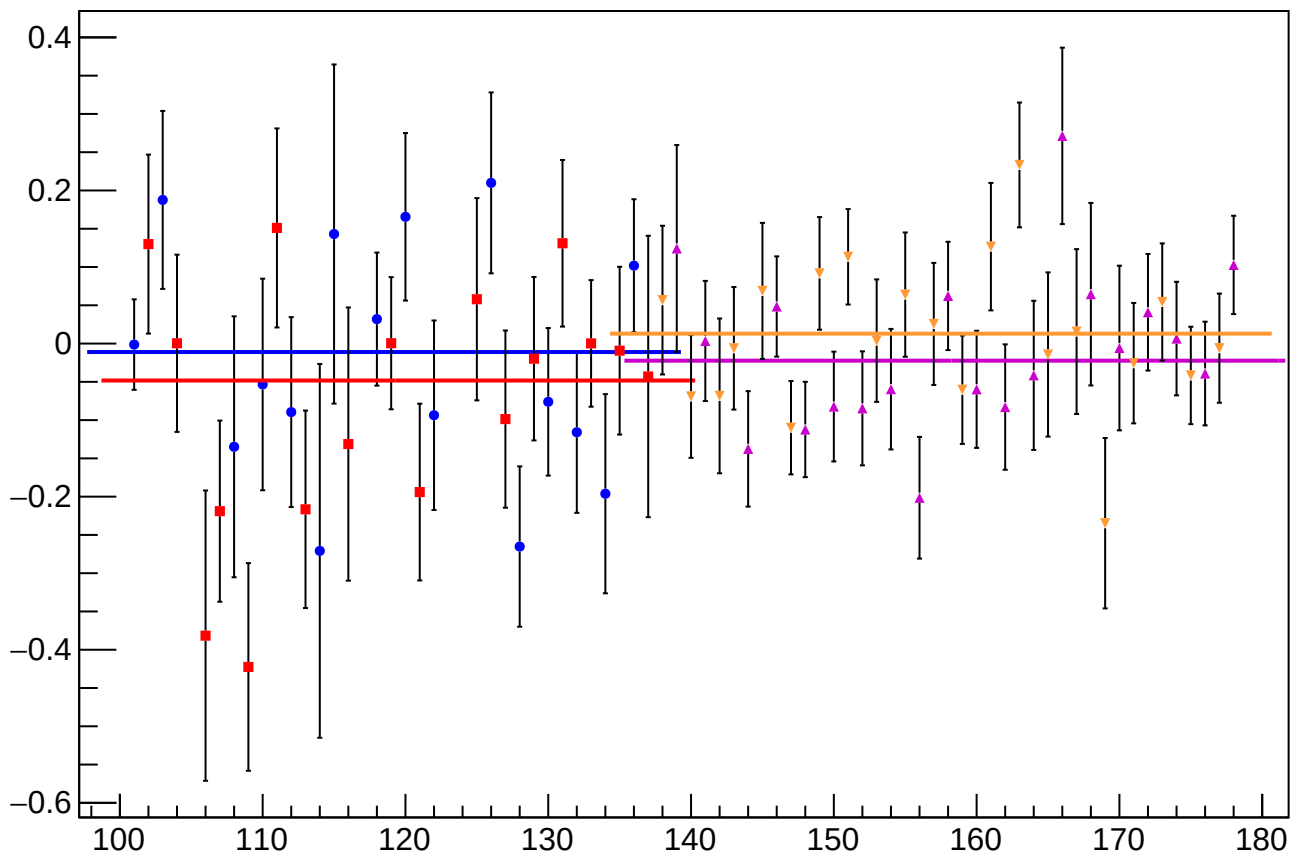
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.020 ± 0.018 $\chi^2/\text{NDF}: 63.2/35$

Out: 0.061 ± 0.018 $\chi^2/\text{NDF}: 56.3/37$

All: 0.040 ± 0.013 $\chi^2/\text{NDF}: 122.0/73$

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: 0.013 ± 0.017 χ^2/NDF : 27.2/20

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.022 ± 0.018 χ^2/NDF : 27.6/19

Left: -0.004 ± 0.012 χ^2/NDF : 56.8/40

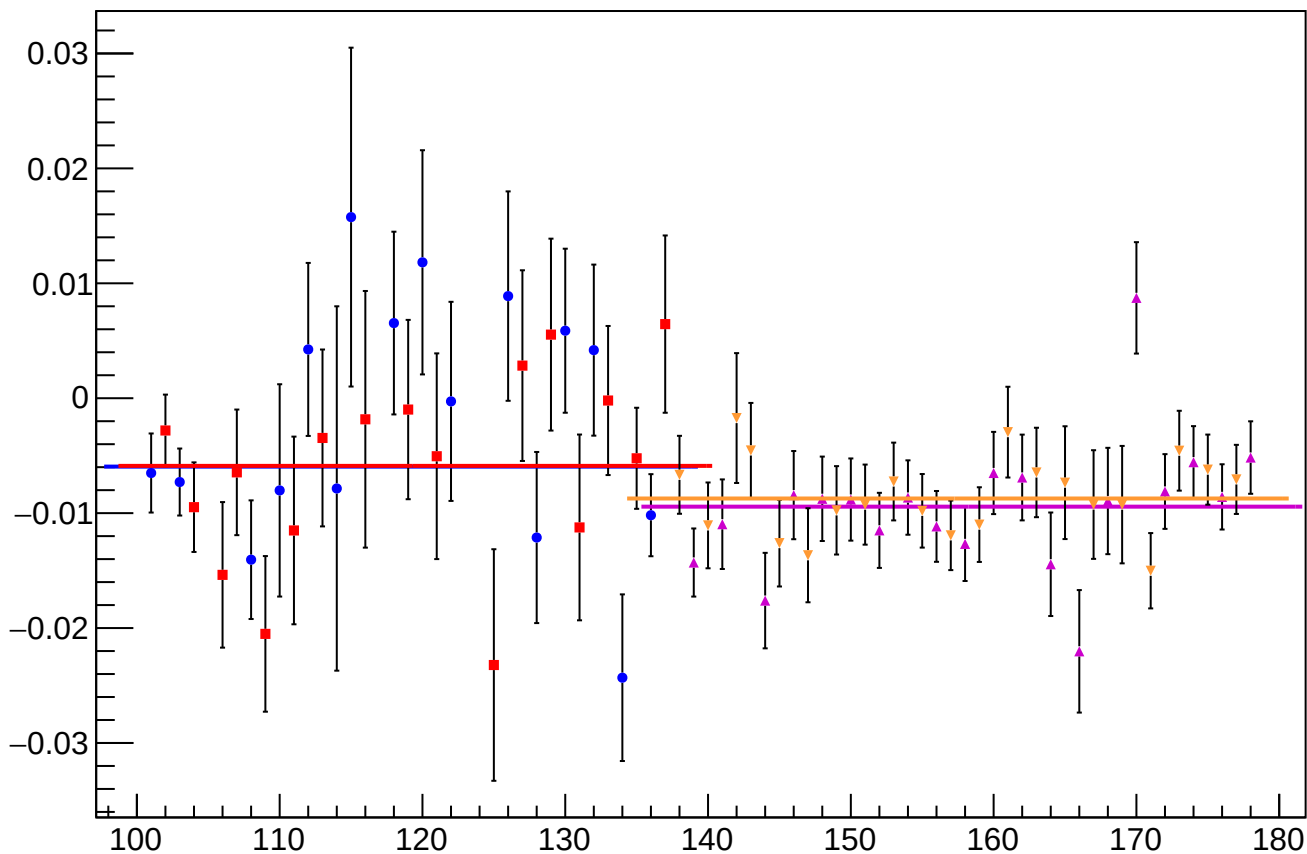
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.019 ± 0.015 χ^2/NDF : 51.1/35

Out: -0.003 ± 0.015 χ^2/NDF : 56.1/37

All: -0.011 ± 0.010 χ^2/NDF : 107.8/73

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 16.5/20

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 ± 0.001 χ^2/NDF : 34.2/19

Left: -0.009 ± 0.001 χ^2/NDF : 51.2/40

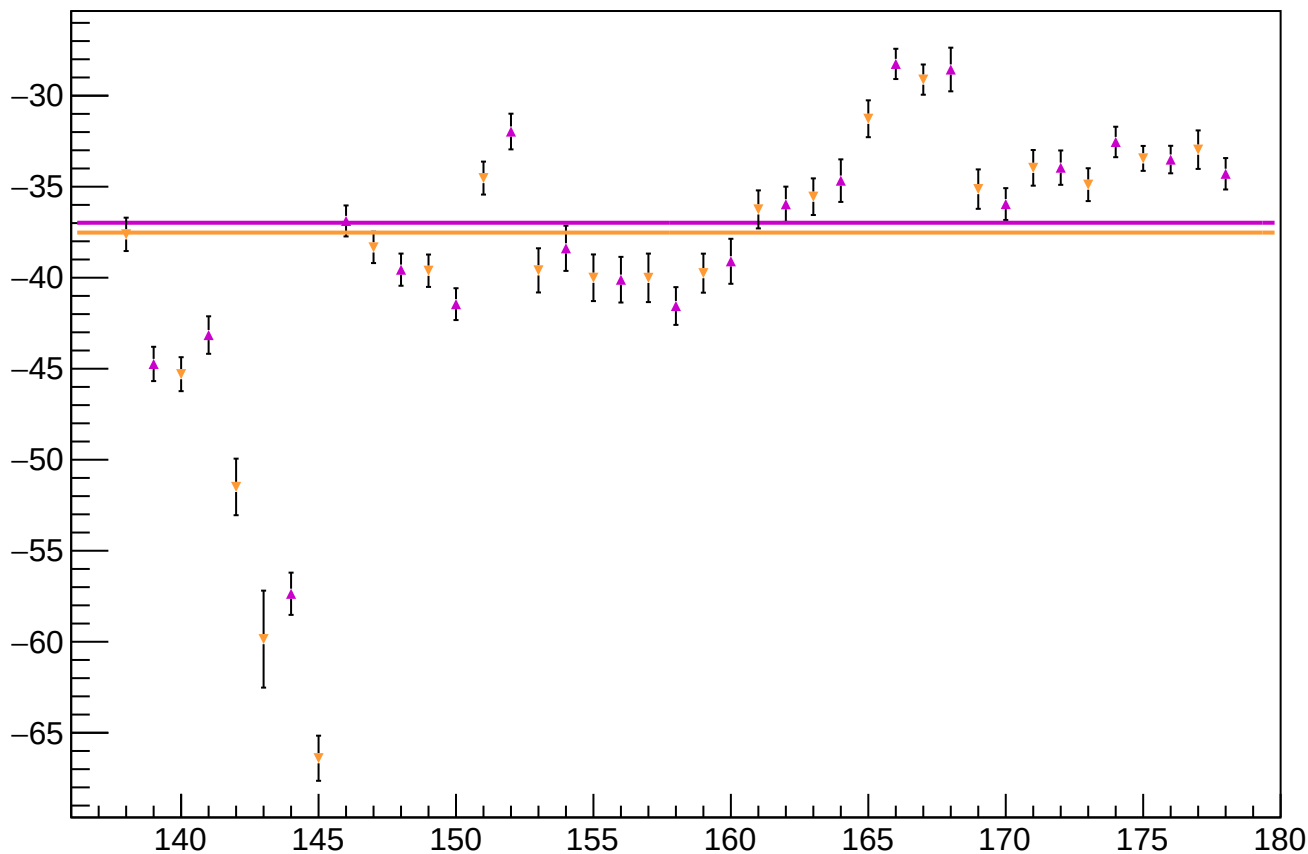
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 67.5/35

Out: -0.008 ± 0.001 χ^2/NDF : 39.0/37

All: -0.008 ± 0.000 χ^2/NDF : 106.8/73

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.521+/-0.220 χ^2/NDF :1021.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.981+/-0.215 χ^2/NDF :737.9/19

Left: -37.244+/-0.154 χ^2/NDF : 1762.7/40

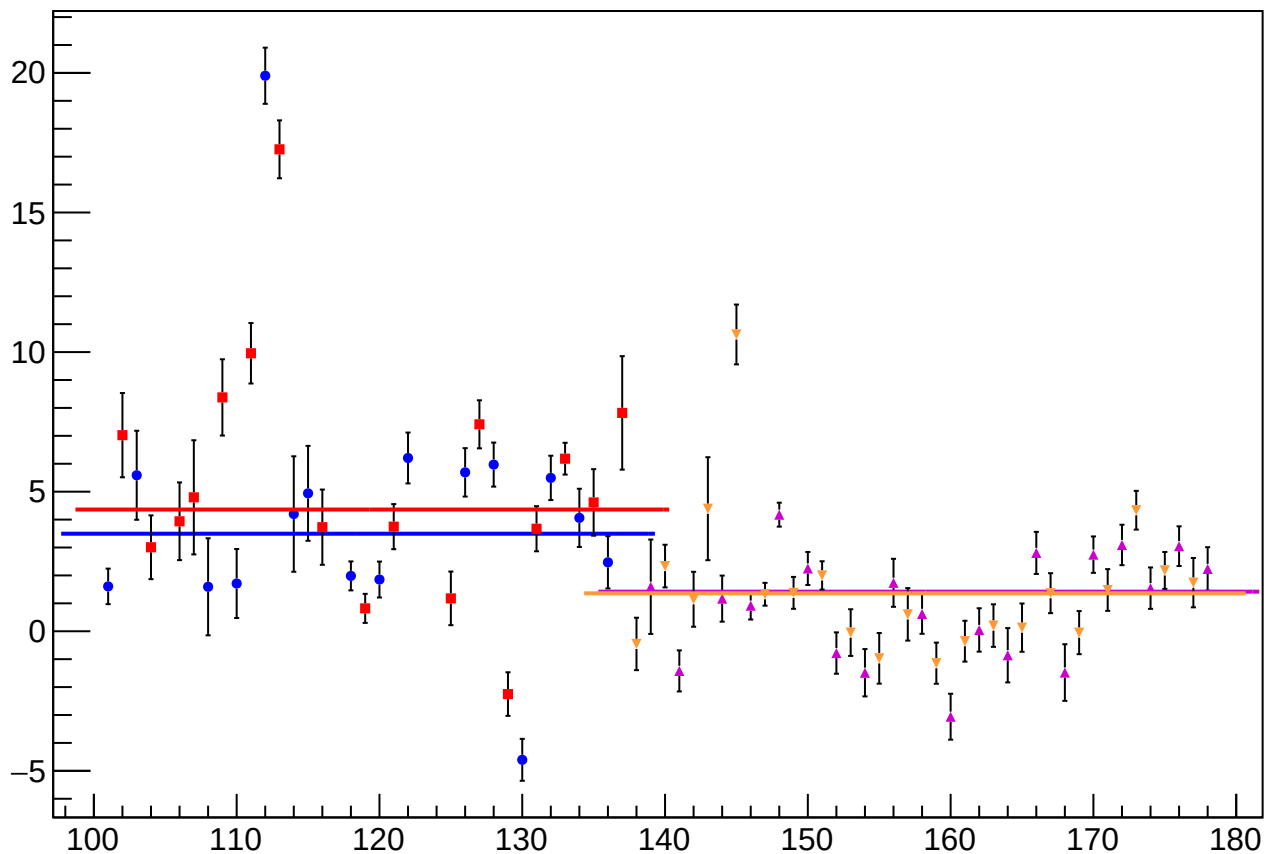
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.981+/-0.215 χ^2/NDF :737.9/19

Out: -37.521+/-0.220 χ^2/NDF :1021.7/20

All: -37.244+/-0.154 χ^2/NDF : 1762.7/40

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 χ^2/NDF : 444.9/15

Left Out: 1.358 ± 0.159 χ^2/NDF : 139.5/20

Right Out: 4.360 ± 0.225 χ^2/NDF : 351.0/16

Left In: 1.419 ± 0.160 χ^2/NDF : 147.0/19

Left: 1.388 ± 0.113 χ^2/NDF : 286.5/40

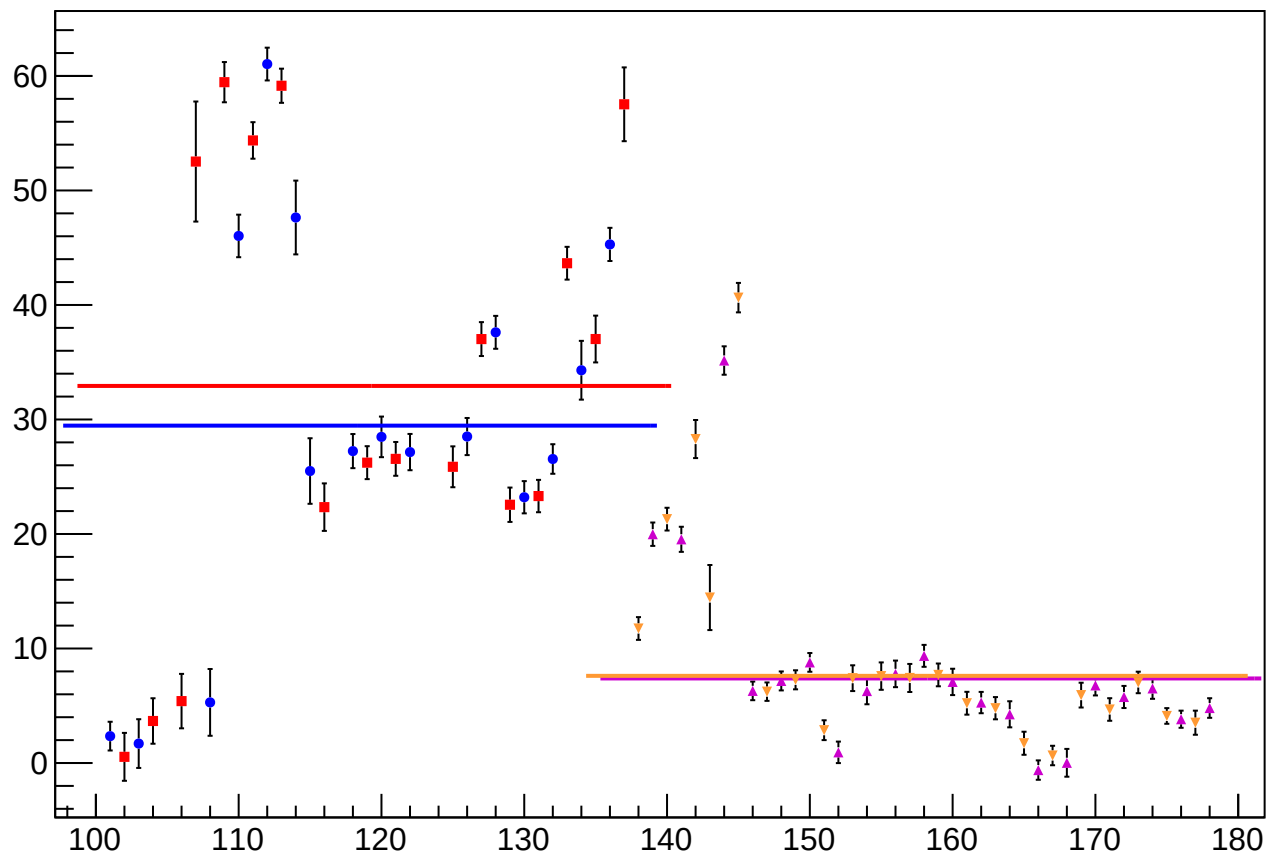
Right: 3.912 ± 0.157 χ^2/NDF : 803.5/32

In: 2.145 ± 0.129 χ^2/NDF : 650.9/35

Out: 2.355 ± 0.130 χ^2/NDF : 609.0/37

All: 2.249 ± 0.091 χ^2/NDF : 1261.2/73

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 7.612 $\pm$ 0.218 χ^2 /NDF:1228.5/20

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 7.384 $\pm$ 0.213 χ^2 /NDF:1008.0/19

Left: 7.496 $\pm$ 0.152 χ^2 /NDF: 2237.1/40

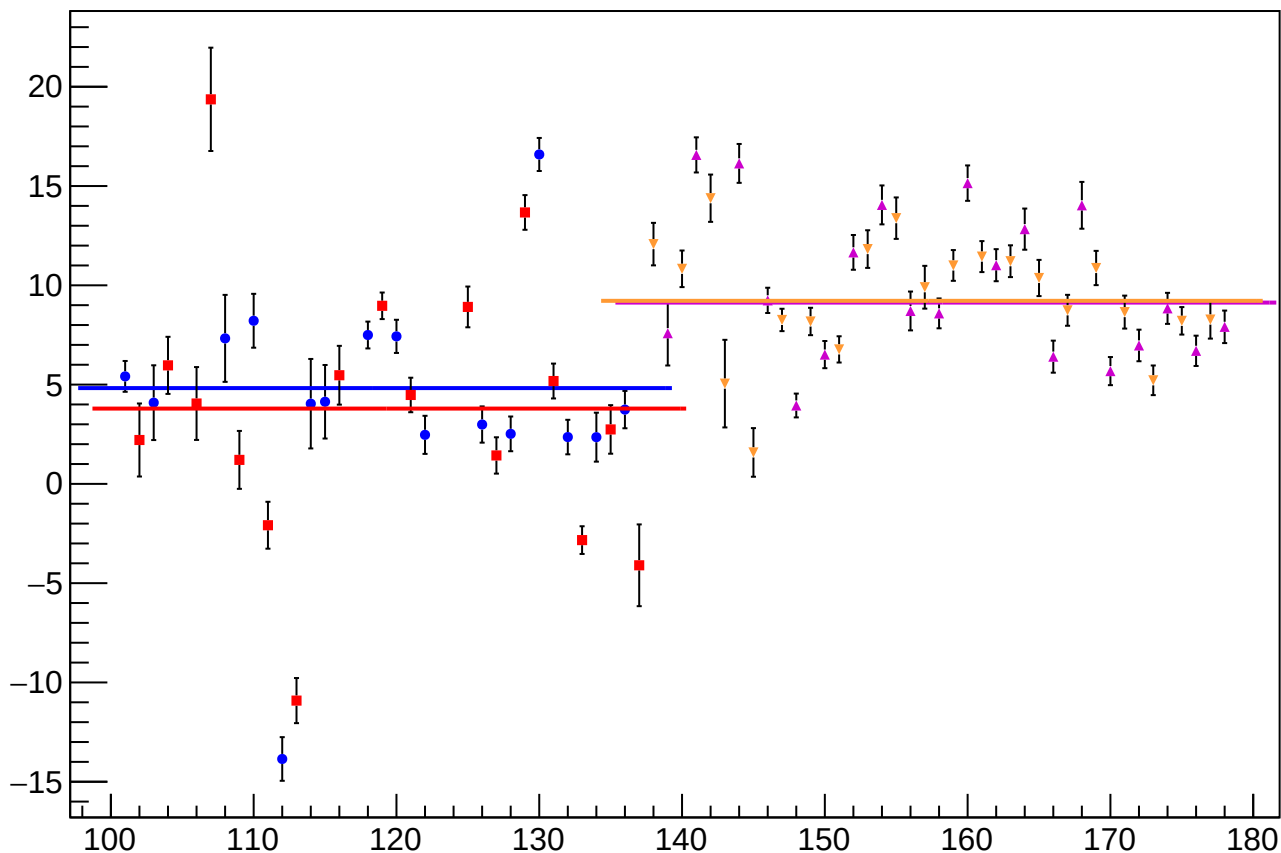
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 11.931 $\pm$ 0.189 χ^2 /NDF:4720.1/35

Out: 12.904 $\pm$ 0.194 χ^2 /NDF:5679.9/37

All: 12.407 $\pm$ 0.135 χ^2 /NDF: 10412.8/73

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: 9.219 $\pm$ 0.184 χ^2 /NDF:171.8/20

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.130 $\pm$ 0.184 χ^2 /NDF:382.4/19

Left: 9.174 $\pm$ 0.130 χ^2 /NDF: 554.4/40

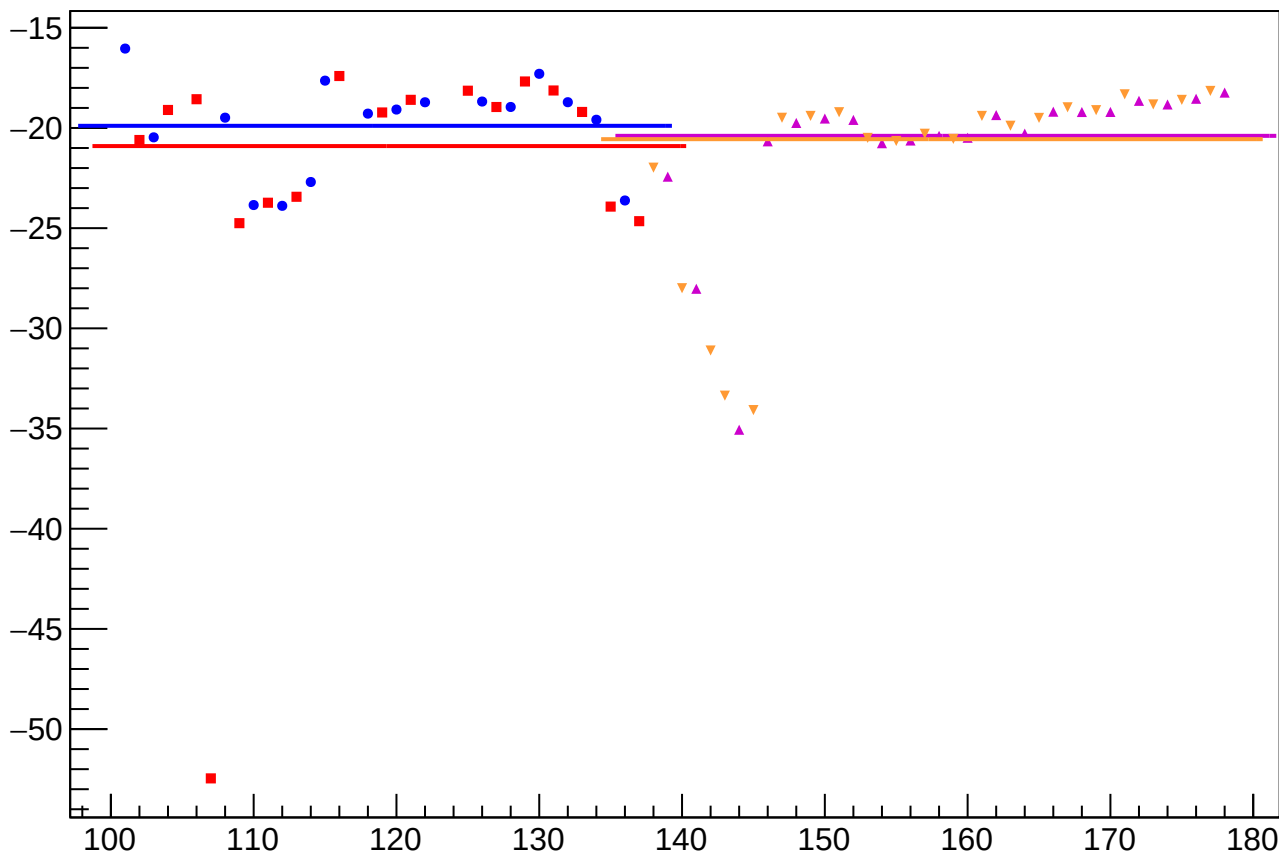
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.634 $\pm$ 0.148 χ^2 /NDF:1126.4/35

Out: 7.399 $\pm$ 0.150 χ^2 /NDF:1027.3/37

All: 7.518 $\pm$ 0.105 χ^2 /NDF: 2154.9/73

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.559 ± 0.009 $\chi^2/\text{NDF}: 160872.1/20$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.393 ± 0.008 $\chi^2/\text{NDF}: 121689.2/19$

Left: -20.474 ± 0.006 $\chi^2/\text{NDF}: 282749.6/40$

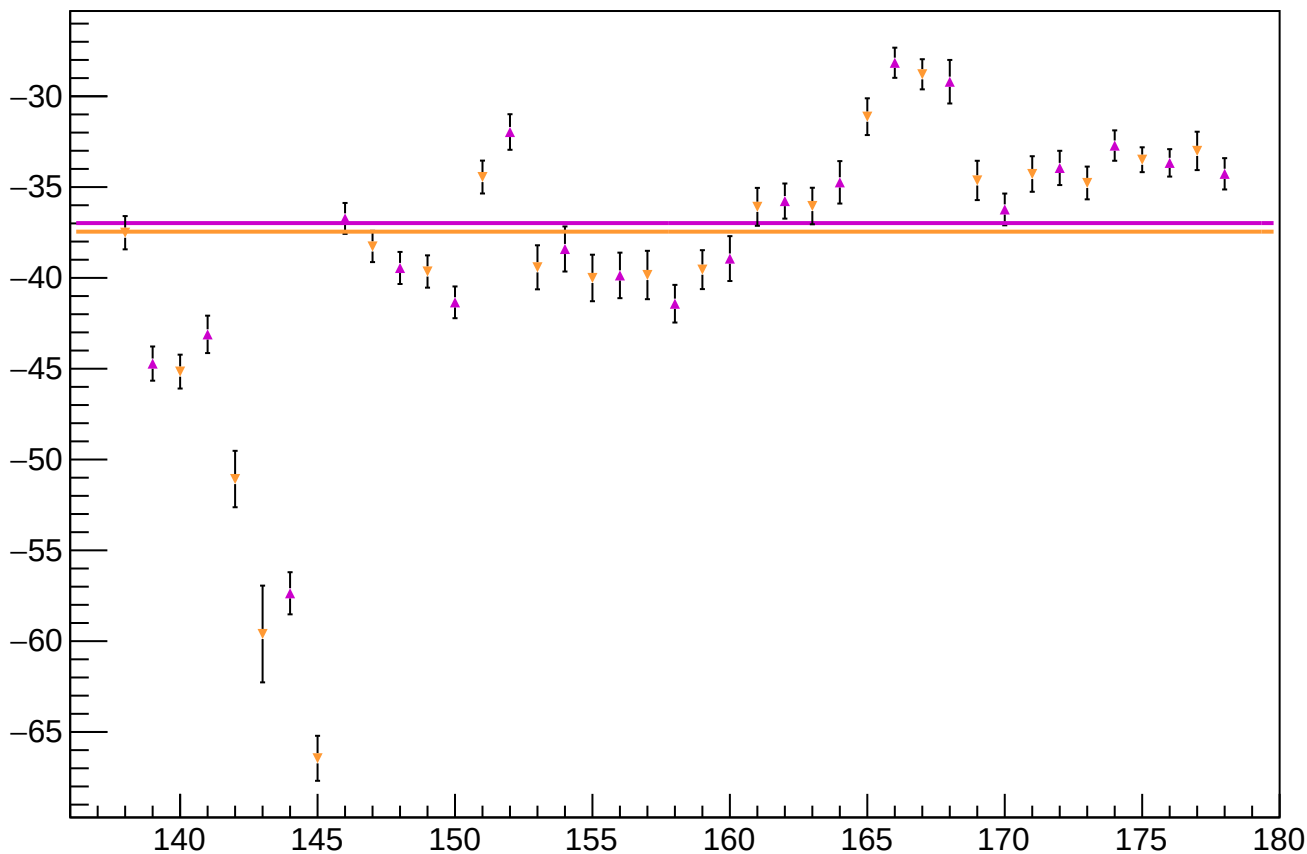
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.279 ± 0.007 $\chi^2/\text{NDF}: 148577.3/35$

Out: -20.640 ± 0.008 $\chi^2/\text{NDF}: 254041.7/37$

All: -20.455 ± 0.005 $\chi^2/\text{NDF}: 403769.8/73$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -37.454 $\pm$ 0.220 χ^2 /NDF:1023.0/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -36.982 $\pm$ 0.215 χ^2 /NDF:725.0/19

Left: -37.213 $\pm$ 0.154 χ^2 /NDF: 1750.3/40

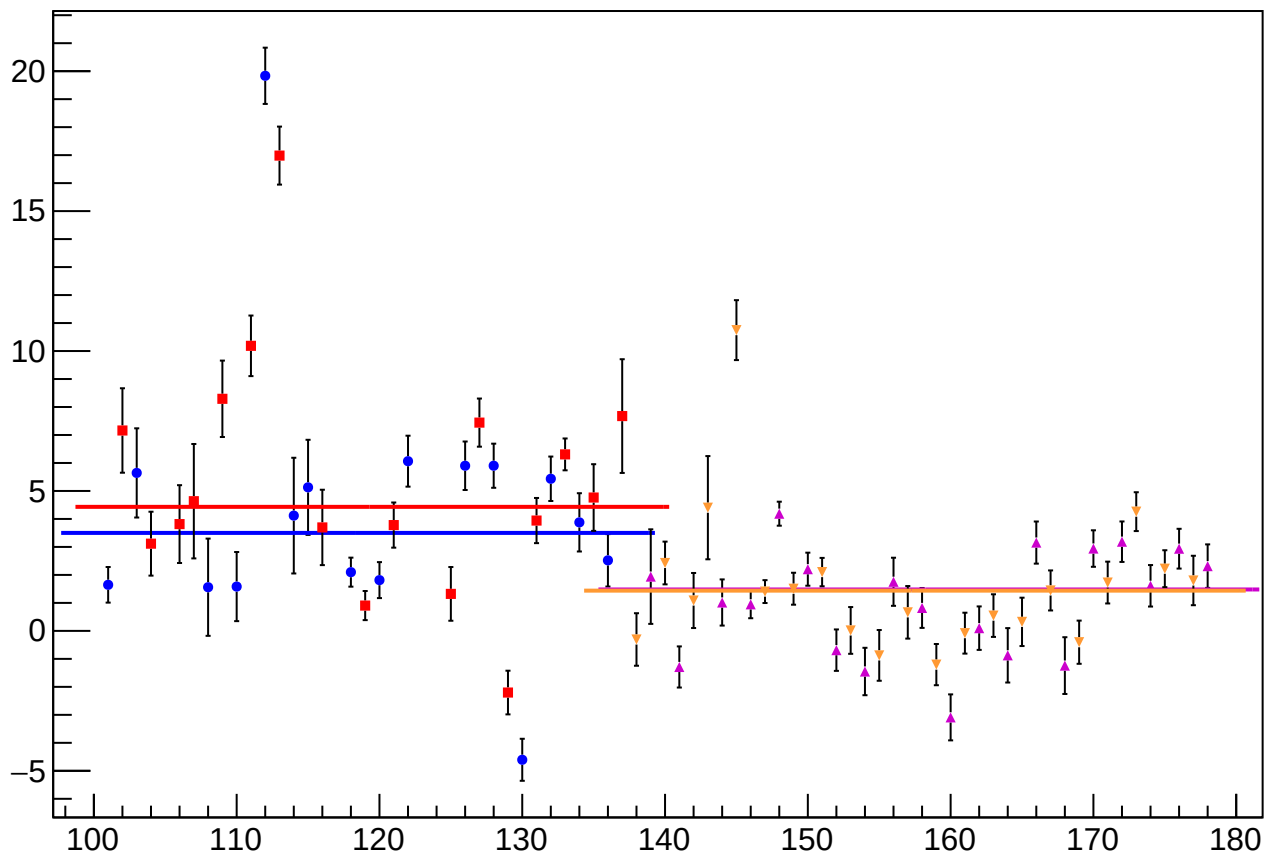
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -36.982 $\pm$ 0.215 χ^2 /NDF:725.0/19

Out: -37.454 $\pm$ 0.220 χ^2 /NDF:1023.0/20

All: -37.213 $\pm$ 0.154 χ^2 /NDF: 1750.3/40

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.439 ± 0.159 χ^2/NDF : 139.5/20

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.480 ± 0.160 χ^2/NDF : 146.7/19

Left: 1.459 ± 0.113 χ^2/NDF : 286.3/40

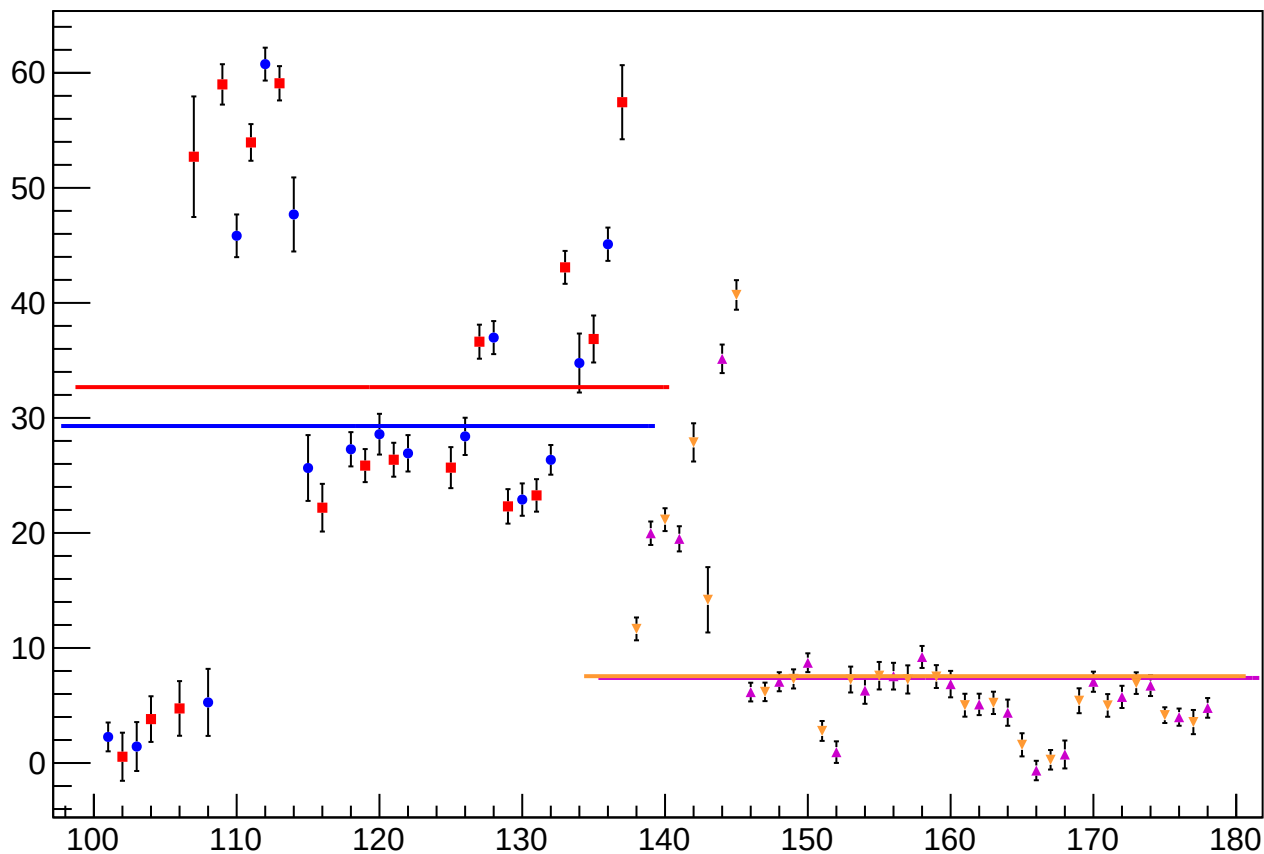
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.188 ± 0.129 χ^2/NDF : 644.7/35

Out: 2.433 ± 0.130 χ^2/NDF : 601.1/37

All: 2.309 ± 0.091 χ^2/NDF : 1247.6/73

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 ± 0.417 χ^2/NDF : 1485.2/15

Left Out: 7.548 ± 0.218 χ^2/NDF : 1228.6/20

Right Out: 32.679 ± 0.423 χ^2/NDF : 1614.8/16

Left In: 7.394 ± 0.213 χ^2/NDF : 999.1/19

Left: 7.470 ± 0.152 χ^2/NDF : 2228.0/40

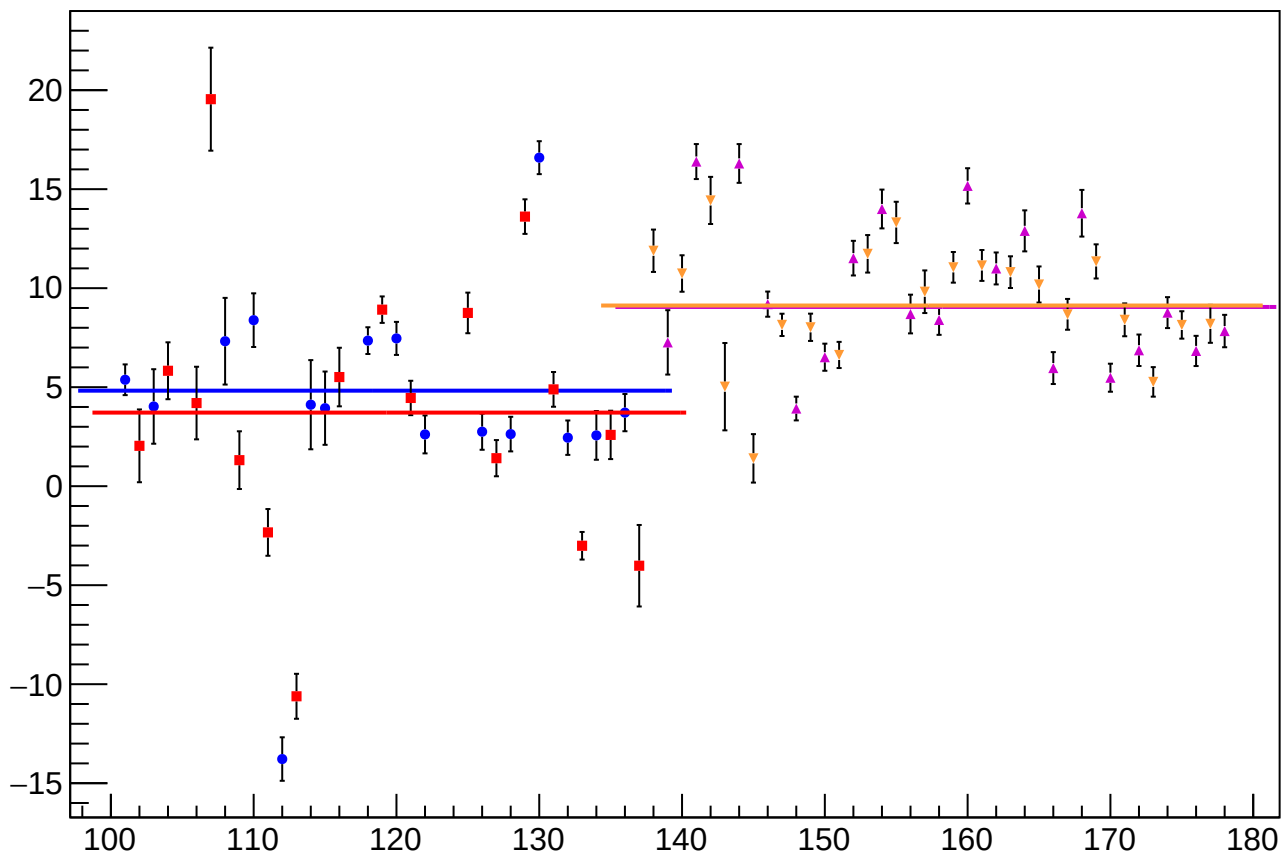
Right: 30.964 ± 0.297 χ^2/NDF : 3132.4/32

In: 11.906 ± 0.189 χ^2/NDF : 4672.4/35

Out: 12.802 ± 0.193 χ^2/NDF : 5632.5/37

All: 12.344 ± 0.135 χ^2/NDF : 10315.8/73

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.124 $\pm$ 0.184 χ^2 /NDF:173.1/20

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.051 $\pm$ 0.184 χ^2 /NDF:387.8/19

Left: 9.088 $\pm$ 0.130 χ^2 /NDF: 561.0/40

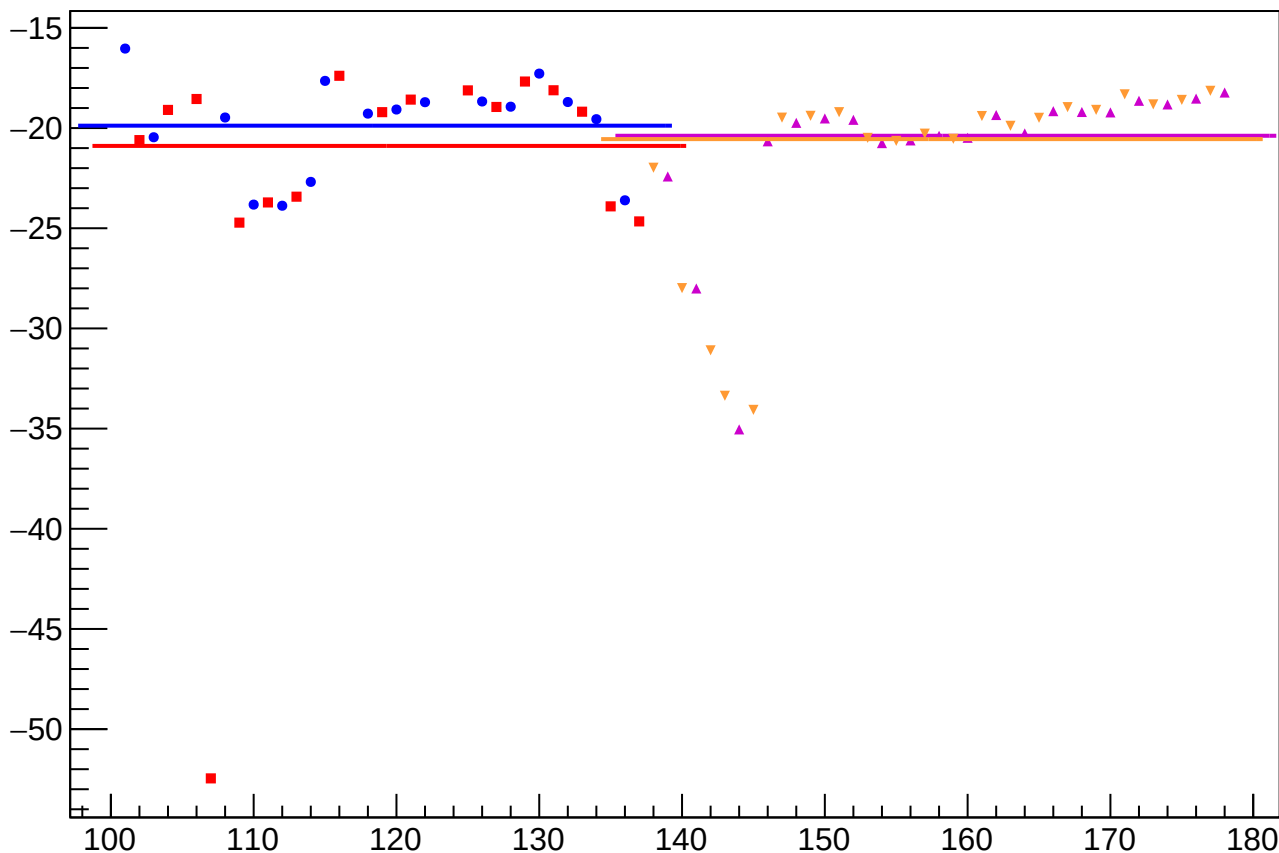
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.582 $\pm$ 0.148 χ^2 /NDF:1121.4/35

Out: 7.310 $\pm$ 0.150 χ^2 /NDF:1023.2/37

All: 7.447 $\pm$ 0.105 χ^2 /NDF: 2146.3/73

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -20.551 ± 0.009 $\chi^2/\text{NDF}: 160989.7/20$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.384 ± 0.008 $\chi^2/\text{NDF}: 121601.9/19$

Left: -20.466 ± 0.006 $\chi^2/\text{NDF}: 282782.2/40$

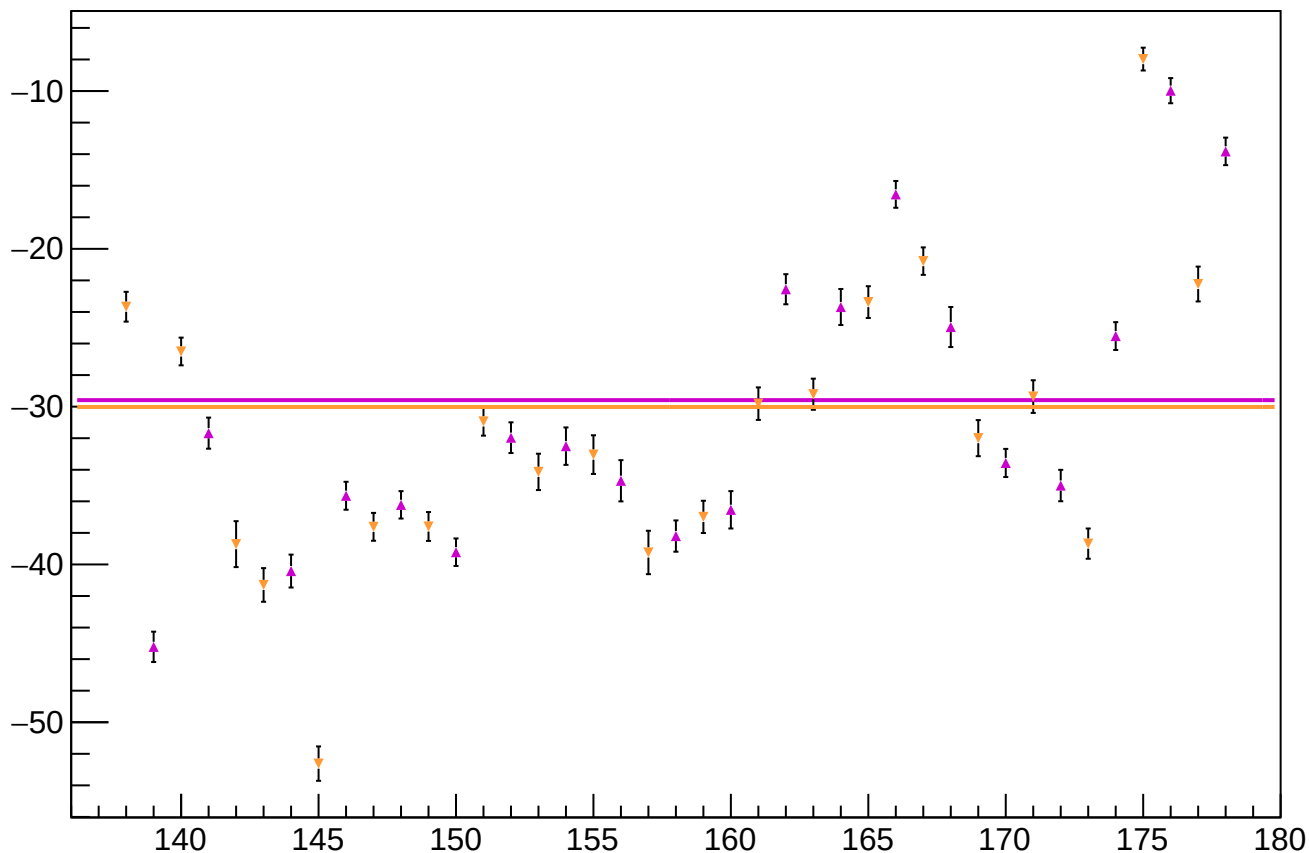
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.269 ± 0.007 $\chi^2/\text{NDF}: 148490.9/35$

Out: -20.631 ± 0.008 $\chi^2/\text{NDF}: 254259.6/37$

All: -20.446 ± 0.005 $\chi^2/\text{NDF}: 403905.5/73$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



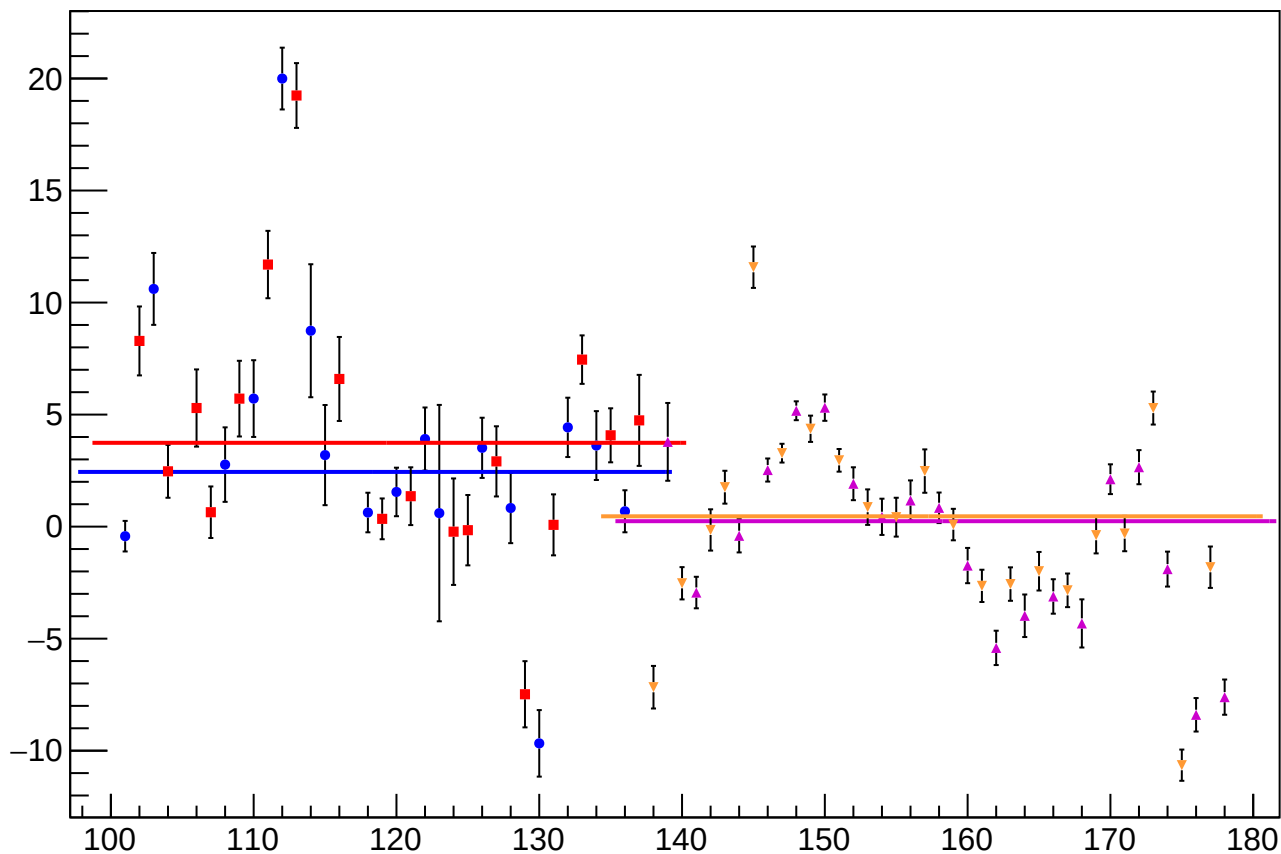
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.020+/-0.218 χ^2/NDF :2113.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.587+/-0.216 χ^2/NDF :2074.9/19

Left: -29.802+/-0.154 χ^2/NDF : 4190.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.587+/-0.216 χ^2/NDF :2074.9/19
 Out: -30.020+/-0.218 χ^2/NDF :2113.7/20

All: -29.802+/-0.154 χ^2/NDF : 4190.6/40

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.461 ± 0.156 $\chi^2/\text{NDF}: 716.6/20$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 0.243 ± 0.160 $\chi^2/\text{NDF}: 640.0/19$

Left: 0.354 ± 0.112 $\chi^2/\text{NDF}: 1357.6/40$

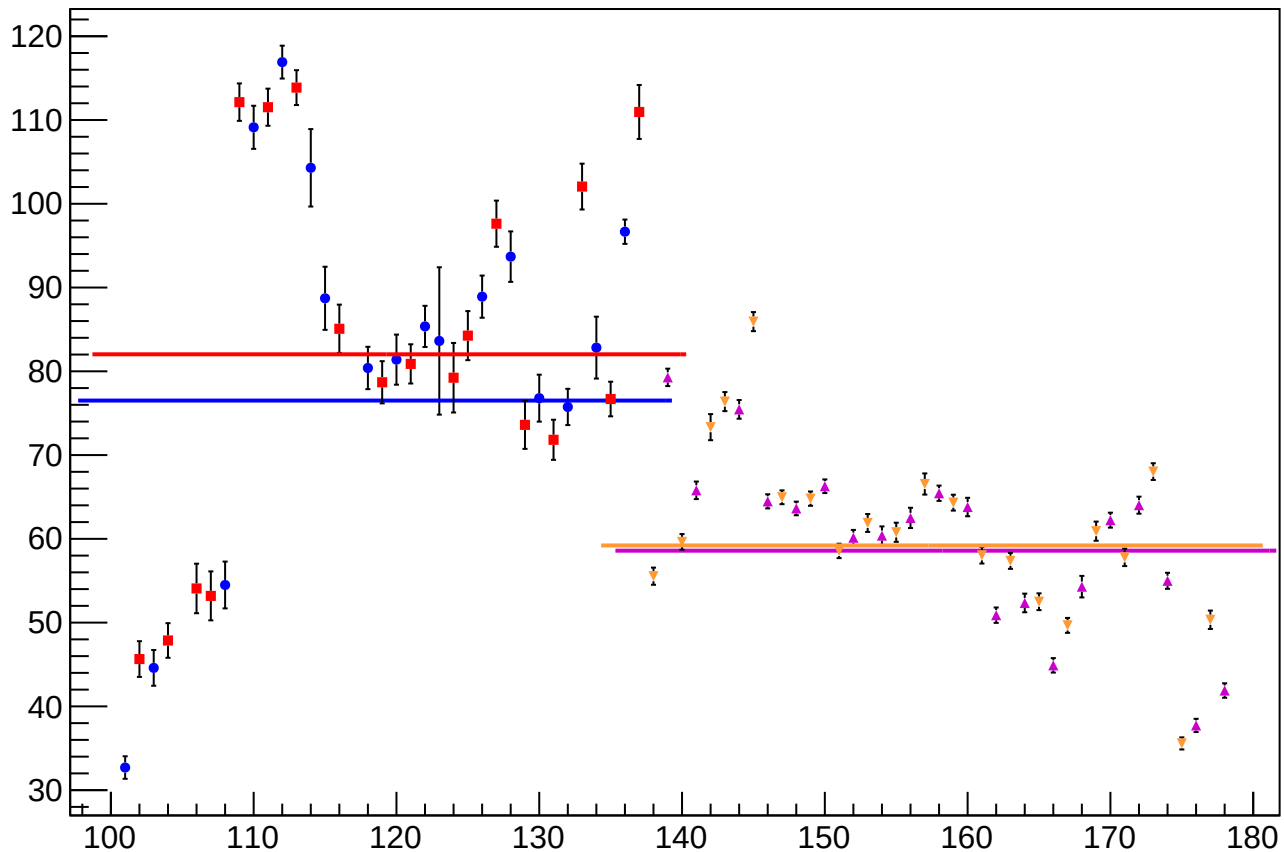
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 0.700 ± 0.142 $\chi^2/\text{NDF}: 974.2/36$

Out: 1.073 ± 0.141 $\chi^2/\text{NDF}: 1066.7/38$

All: 0.887 ± 0.100 $\chi^2/\text{NDF}: 2044.4/75$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 59.211 $\pm$ 0.216 χ^2 /NDF:2420.9/20

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 58.589 $\pm$ 0.214 χ^2 /NDF:2436.4/19

Left: 58.897 $\pm$ 0.152 χ^2 /NDF: 4861.5/40

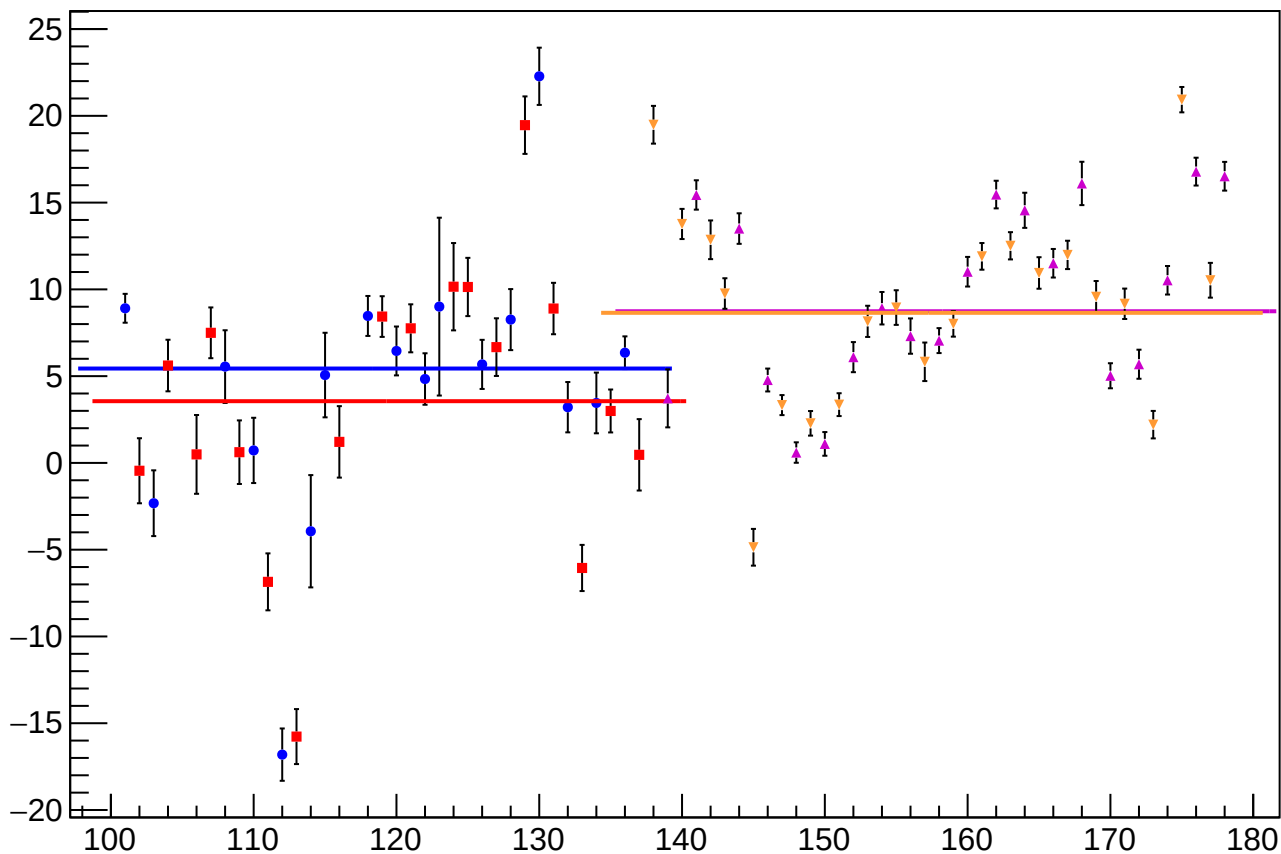
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 60.767 $\pm$ 0.200 χ^2 /NDF:5543.0/36

Out: 61.884 $\pm$ 0.203 χ^2 /NDF:5277.9/38

All: 61.318 $\pm$ 0.142 χ^2 /NDF: 10836.2/75

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 8.649 ± 0.181 χ^2/NDF : 969.6/20

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 8.739 ± 0.184 χ^2/NDF : 861.5/19

Left: 8.694 ± 0.129 χ^2/NDF : 1831.2/40

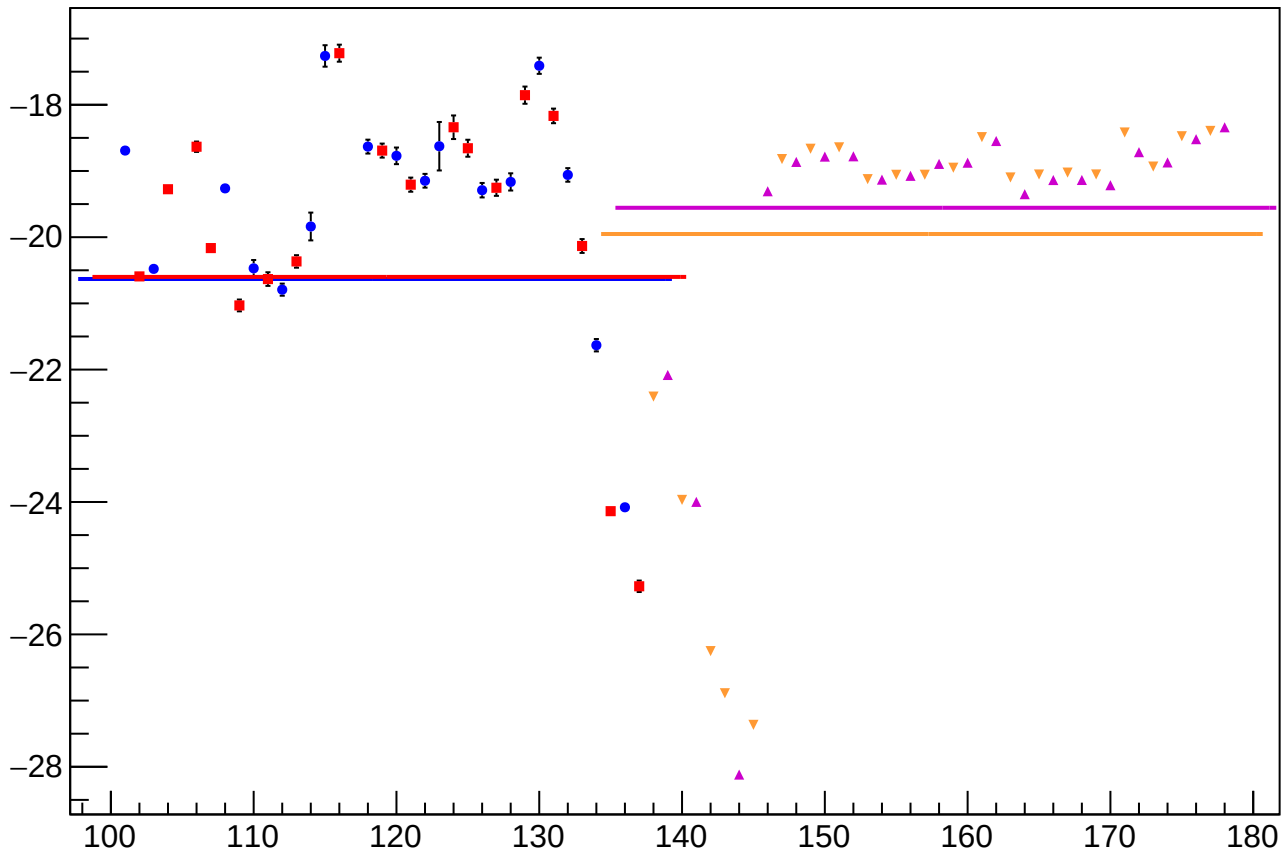
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 8.050 ± 0.163 χ^2/NDF : 1315.0/36

Out: 7.684 ± 0.163 χ^2/NDF : 1539.5/38

All: 7.867 ± 0.116 χ^2/NDF : 2856.9/75

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.952 ± 0.009 $\chi^2/\text{NDF}: 88512.2/20$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.556 ± 0.009 $\chi^2/\text{NDF}: 52614.4/19$

Left: -19.752 ± 0.006 $\chi^2/\text{NDF}: 142196.7/40$

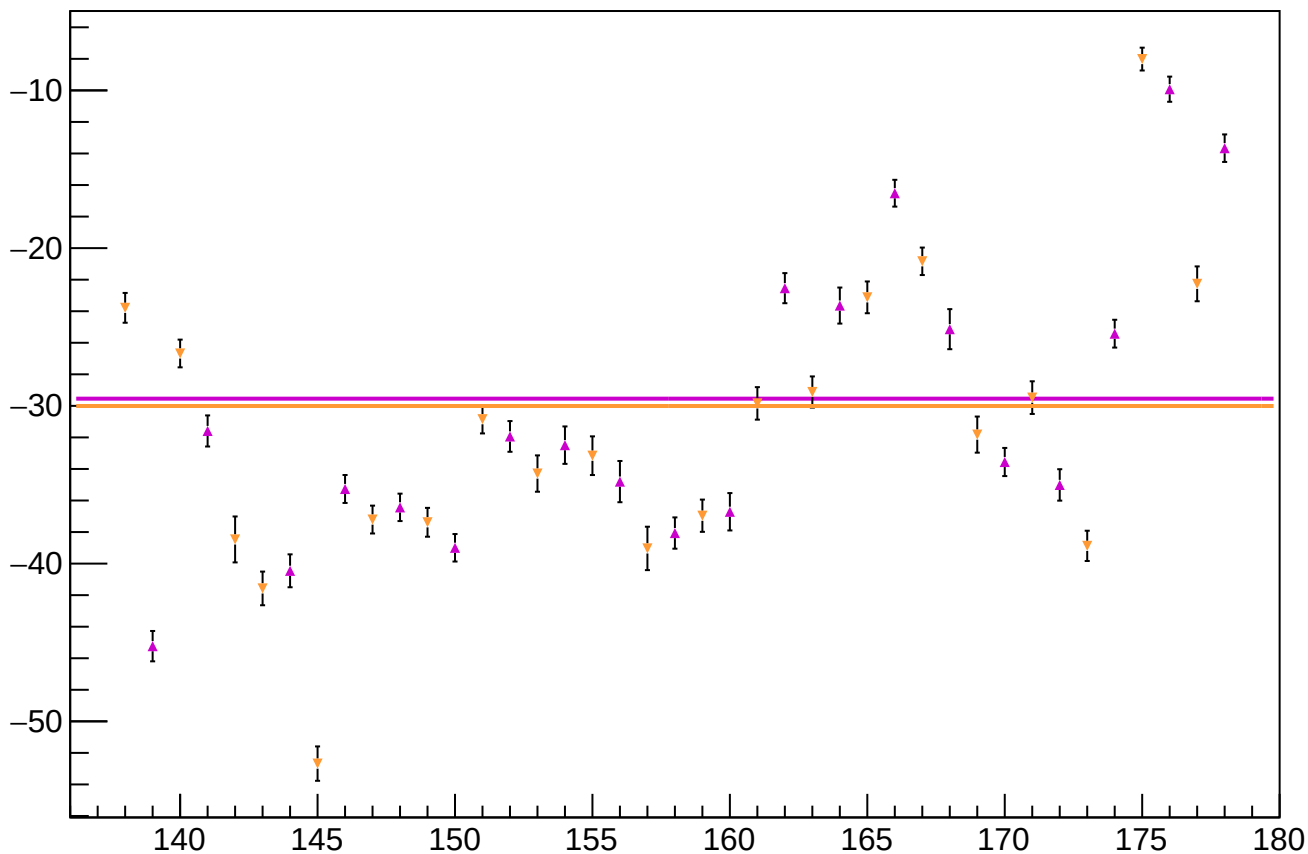
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.731 ± 0.008 $\chi^2/\text{NDF}: 67717.5/36$

Out: -20.058 ± 0.008 $\chi^2/\text{NDF}: 101413.7/38$

All: -19.893 ± 0.006 $\chi^2/\text{NDF}: 170003.5/75$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -30.009+/-0.218 χ^2/NDF :2103.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -29.543+/-0.217 χ^2/NDF :2076.5/19

Left: -29.774+/-0.154 χ^2/NDF : 4181.9/40

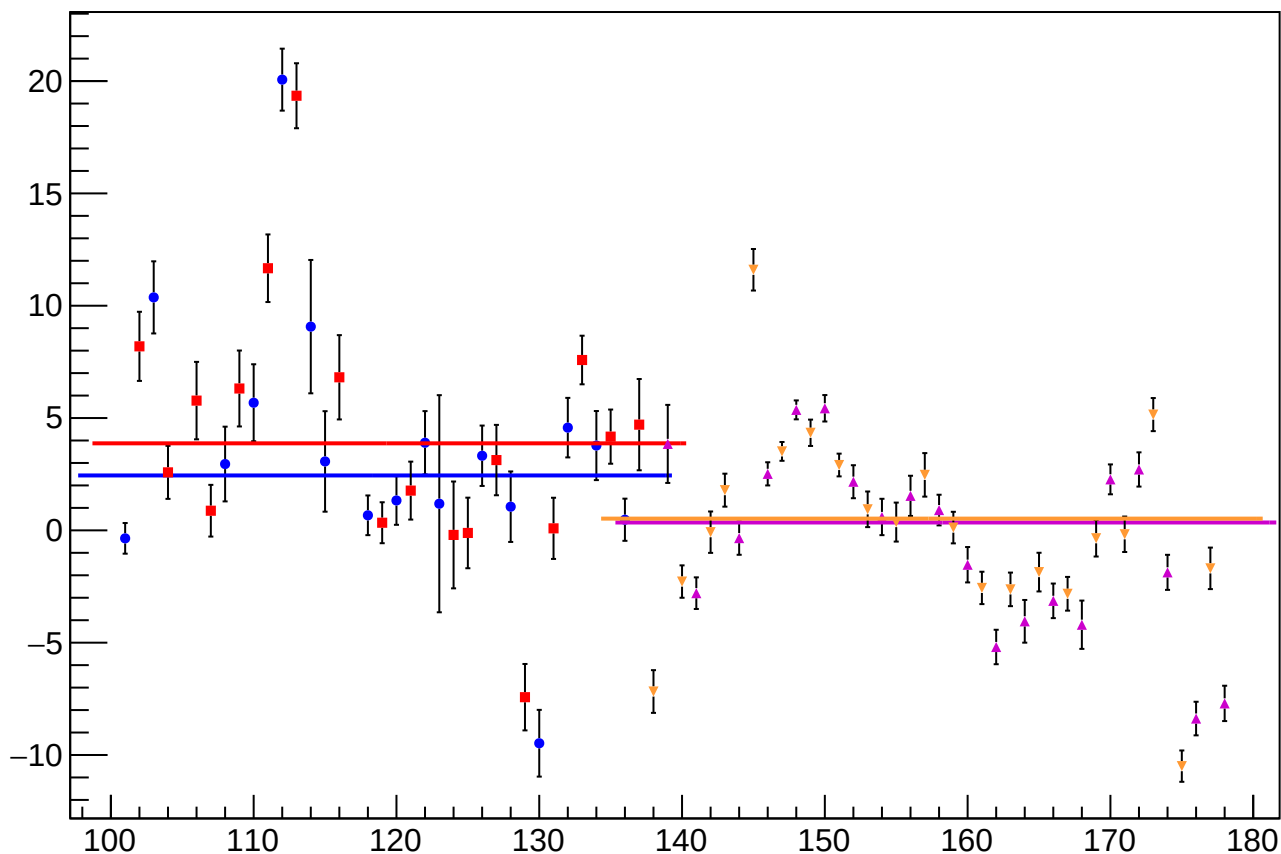
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.543+/-0.217 χ^2/NDF :2076.5/19

Out: -30.009+/-0.218 χ^2/NDF :2103.2/20

All: -29.774+/-0.154 χ^2/NDF : 4181.9/40

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 0.523 $\pm$ 0.157 χ^2 /NDF: 708.6/20

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 0.350 $\pm$ 0.160 χ^2 /NDF: 652.2/19

Left: 0.438 $\pm$ 0.112 χ^2 /NDF: 1361.3/40

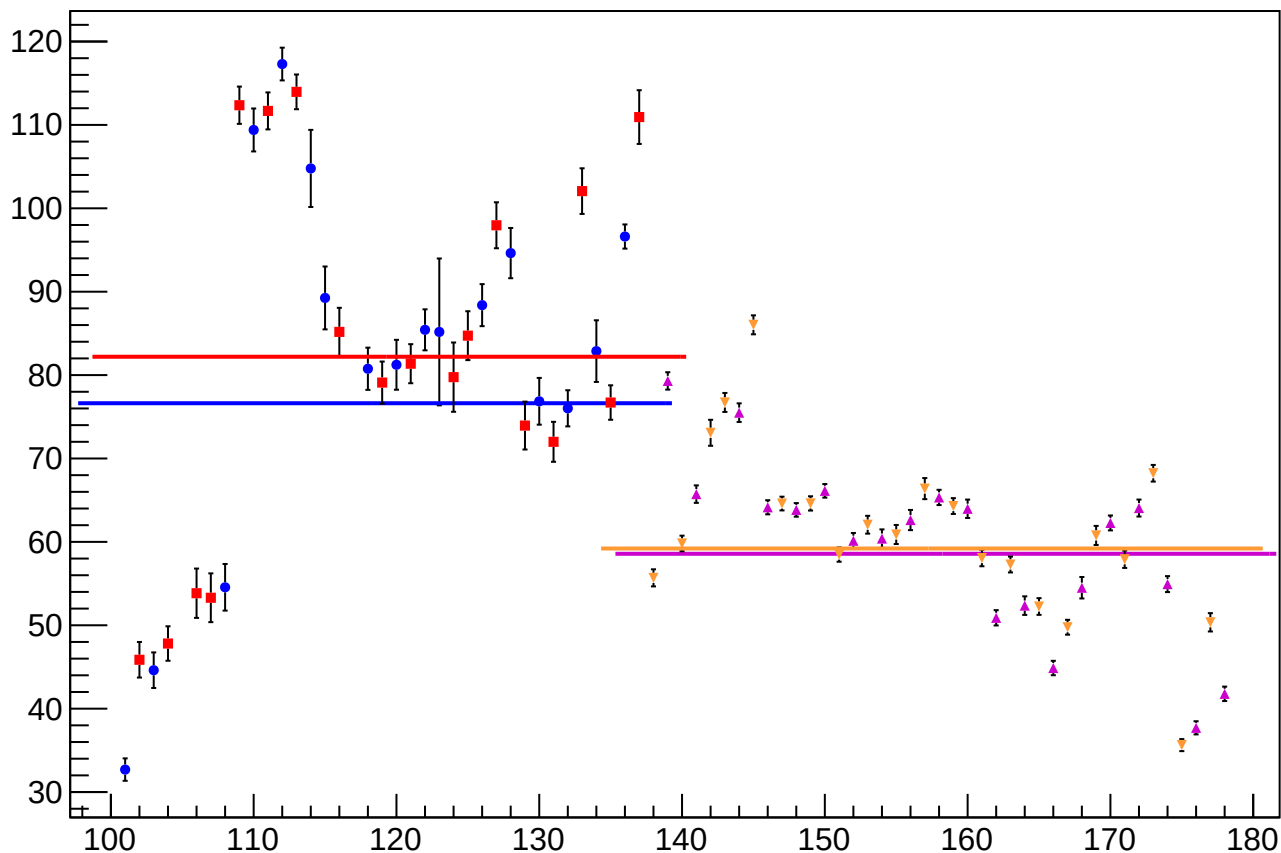
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 0.785 $\pm$ 0.142 χ^2 /NDF: 980.6/36

Out: 1.148 $\pm$ 0.141 χ^2 /NDF: 1062.4/38

All: 0.968 $\pm$ 0.100 χ^2 /NDF: 2046.3/75

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 59.205 $\pm$ 0.216 χ^2 /NDF: 2417.8/20

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 58.573 $\pm$ 0.214 χ^2 /NDF: 2435.9/19

Left: 58.886 $\pm$ 0.152 χ^2 /NDF: 4858.0/40

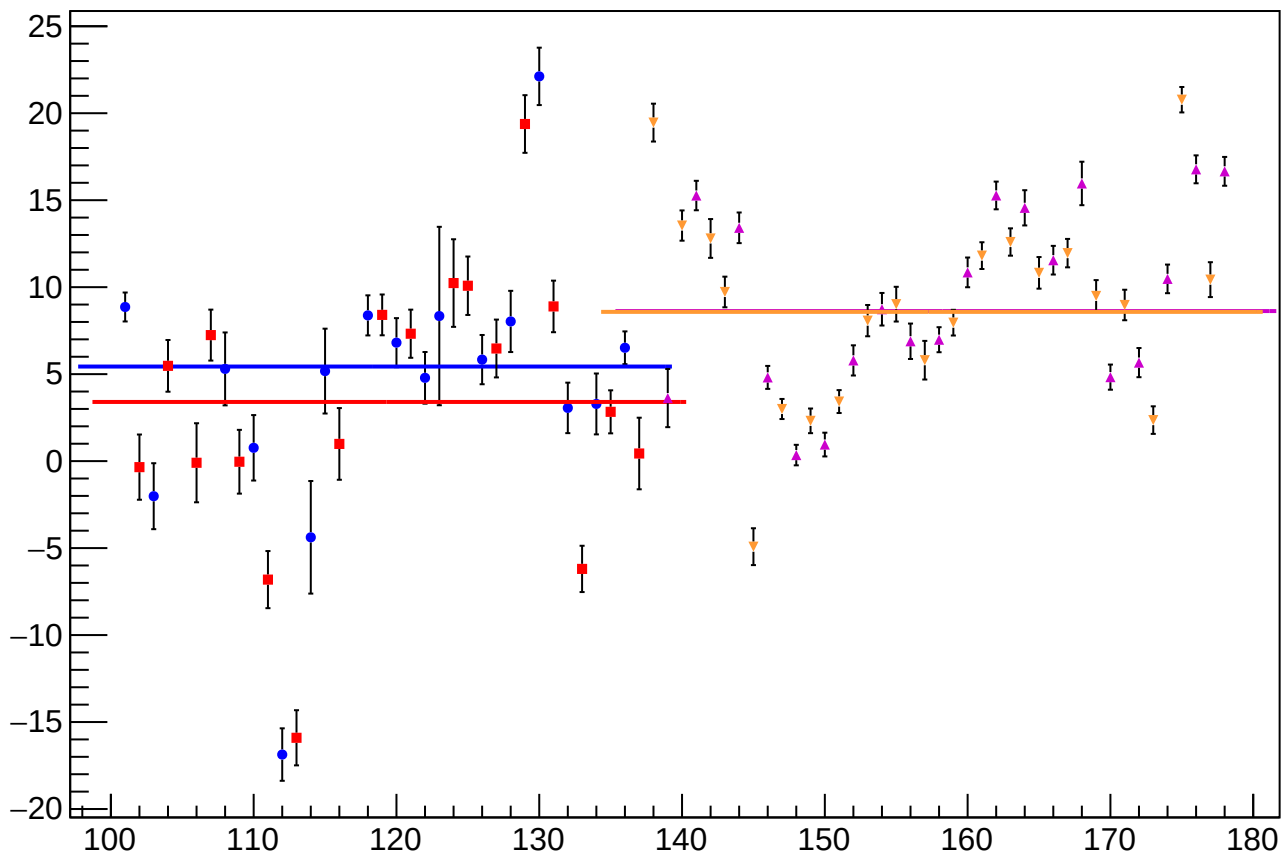
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 60.768 $\pm$ 0.200 χ^2 /NDF: 5566.2/36

Out: 61.899 $\pm$ 0.203 χ^2 /NDF: 5296.0/38

All: 61.326 $\pm$ 0.143 χ^2 /NDF: 10877.9/75

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: 8.580 ± 0.182 $\chi^2/\text{NDF}: 963.1/20$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 8.626 ± 0.184 $\chi^2/\text{NDF}: 875.9/19$

Left: 8.603 ± 0.129 $\chi^2/\text{NDF}: 1839.0/40$

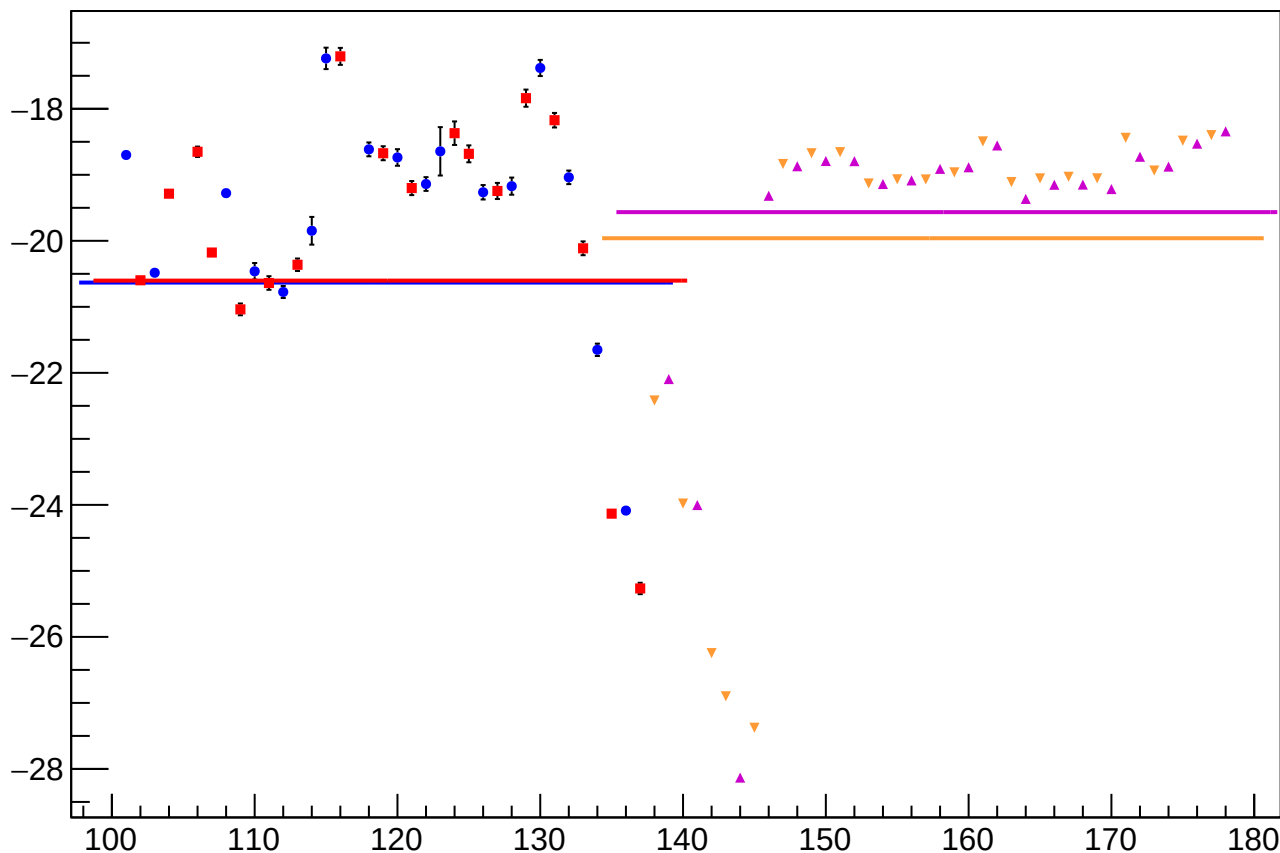
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.961 ± 0.164 $\chi^2/\text{NDF}: 1323.2/36$

Out: 7.598 ± 0.163 $\chi^2/\text{NDF}: 1538.2/38$

All: 7.779 ± 0.116 $\chi^2/\text{NDF}: 2863.8/75$

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: -19.961 ± 0.009 $\chi^2/\text{NDF}: 88383.4/20$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.565 ± 0.009 $\chi^2/\text{NDF}: 52569.6/19$

Left: -19.761 ± 0.006 $\chi^2/\text{NDF}: 142018.4/40$

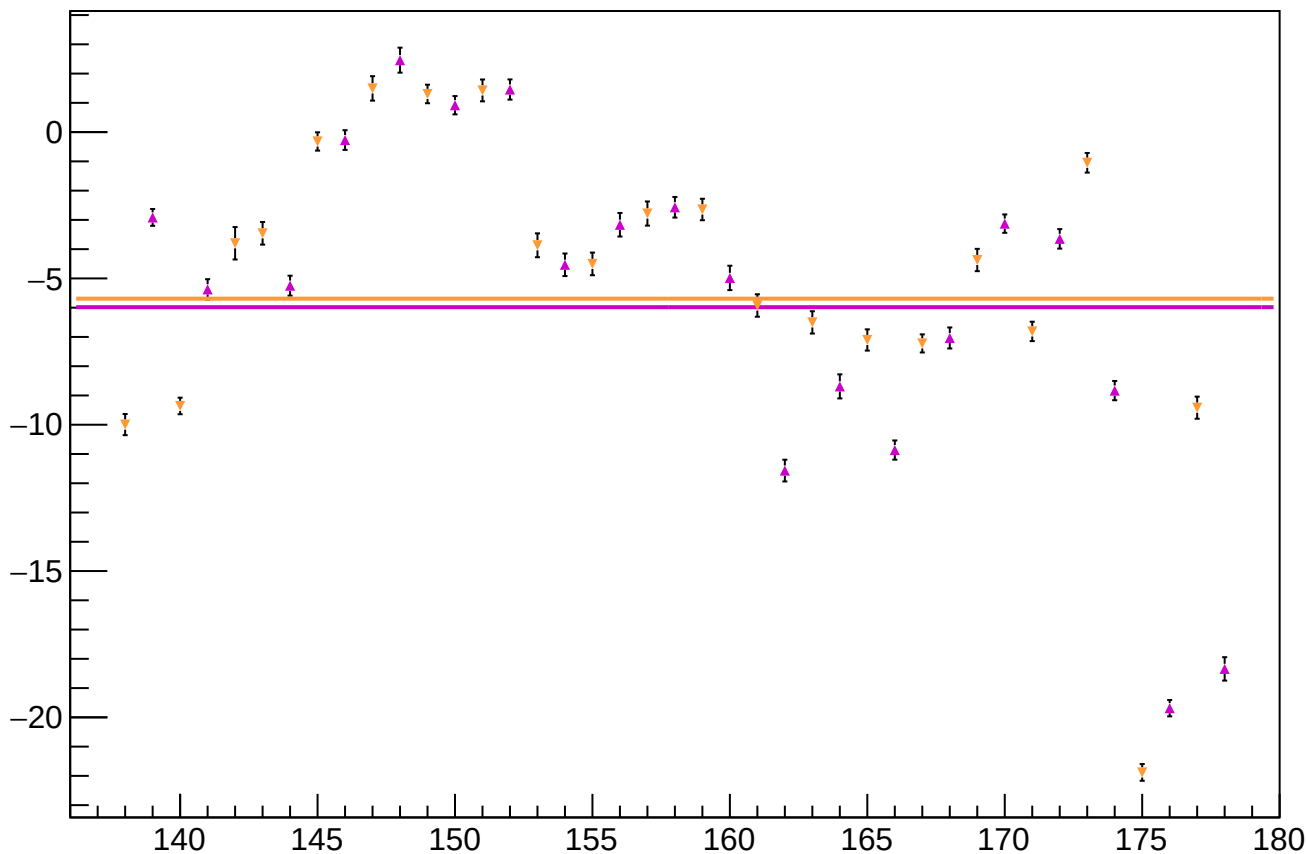
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.739 ± 0.008 $\chi^2/\text{NDF}: 67669.5/36$

Out: -20.066 ± 0.008 $\chi^2/\text{NDF}: 101218.6/38$

All: -19.901 ± 0.006 $\chi^2/\text{NDF}: 169758.0/75$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



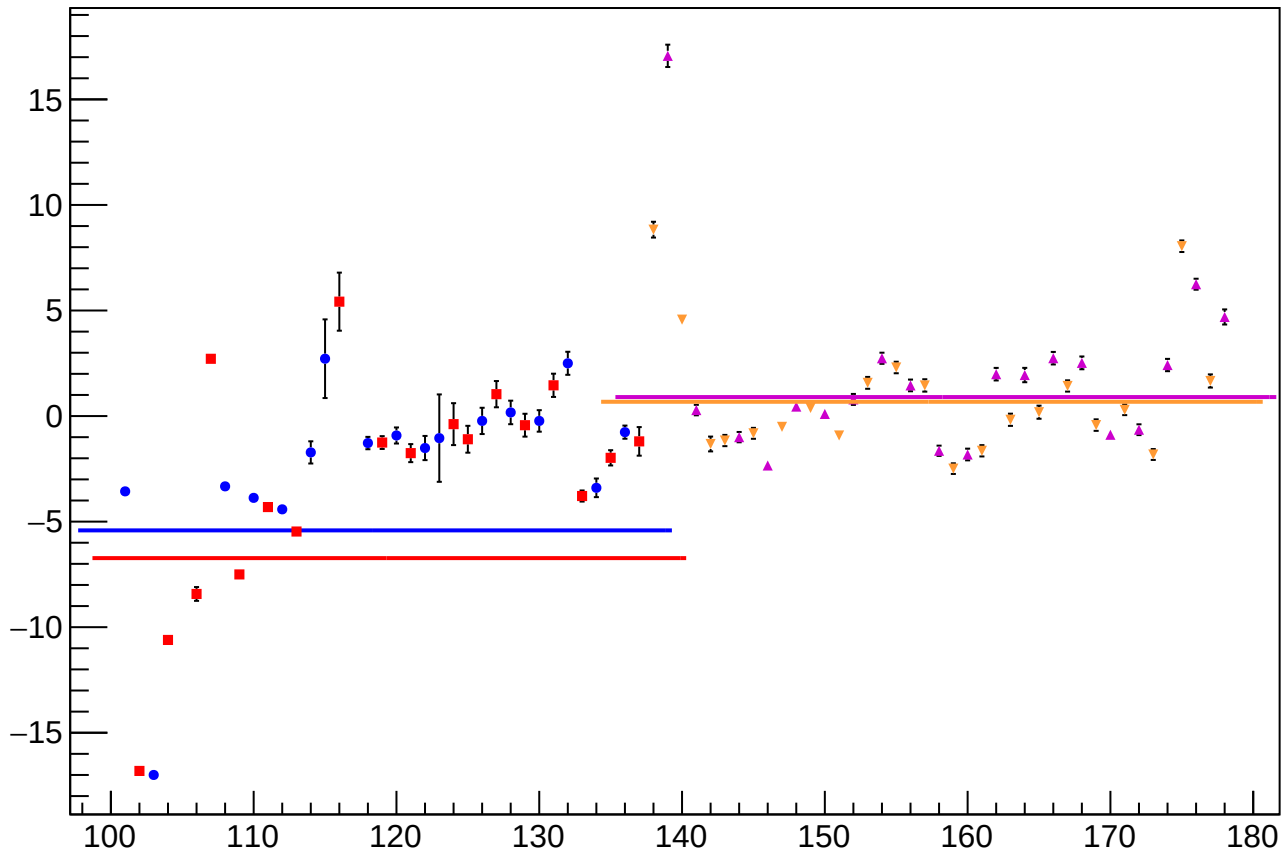
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.691+/-0.078 χ^2/NDF : 5511.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.983+/-0.078 χ^2/NDF : 5979.3/19

Left: -5.837+/-0.055 χ^2/NDF : 11498.1/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.983+/-0.078 χ^2/NDF : 5979.3/19
 Out: -5.691+/-0.078 χ^2/NDF : 5511.7/20

All: -5.837+/-0.055 χ^2/NDF : 11498.1/40

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.677 ± 0.058 χ^2/NDF : 2094.1/20

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.900 ± 0.059 χ^2/NDF : 2253.4/19

Left: 0.785 ± 0.041 χ^2/NDF : 4354.7/40

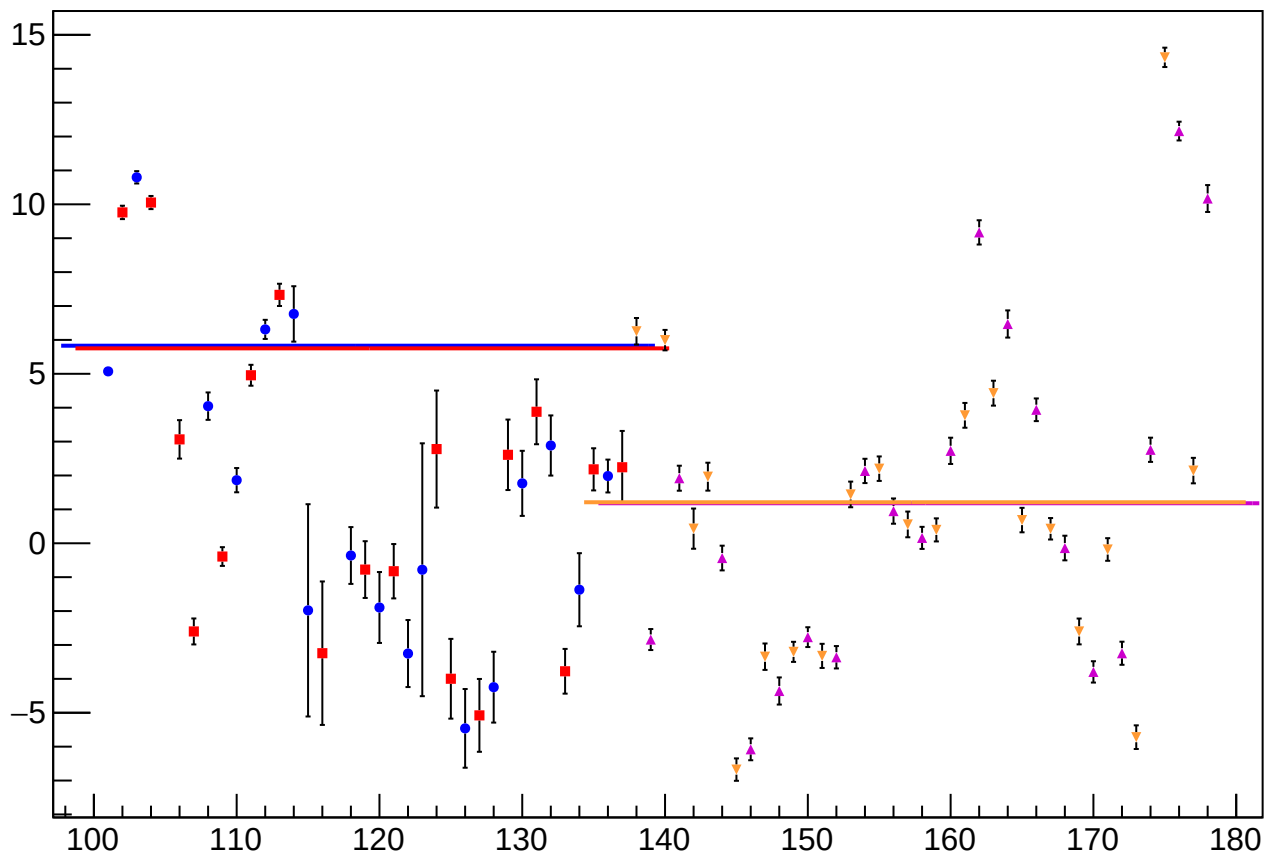
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.504 ± 0.040 χ^2/NDF : 17639.0/36

Out: -2.881 ± 0.041 χ^2/NDF : 21275.5/38

All: -2.687 ± 0.029 χ^2/NDF : 38956.9/75

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 1.210 ± 0.077 χ^2/NDF : 4292.7/20

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: 1.181 ± 0.077 χ^2/NDF : 4573.2/19

Left: 1.195 ± 0.054 χ^2/NDF : 8865.9/40

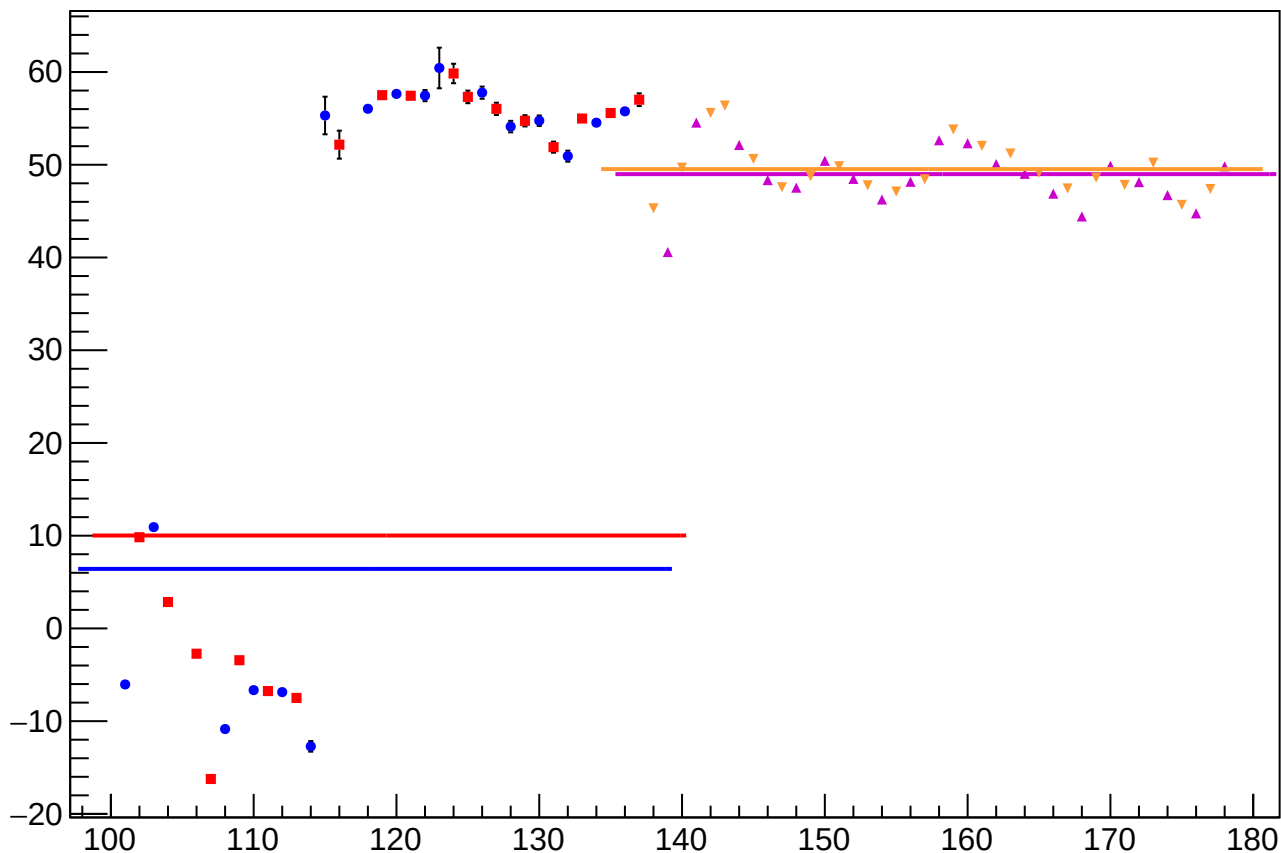
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 3.149 ± 0.058 χ^2/NDF : 7572.7/36

Out: 2.990 ± 0.060 χ^2/NDF : 8156.8/38

All: 3.072 ± 0.042 χ^2/NDF : 15733.0/75

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.530 ± 0.066 χ^2/NDF : 1625.5/20

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 48.988 ± 0.067 χ^2/NDF : 1752.4/19

Left: 49.264 ± 0.047 χ^2/NDF : 3411.2/40

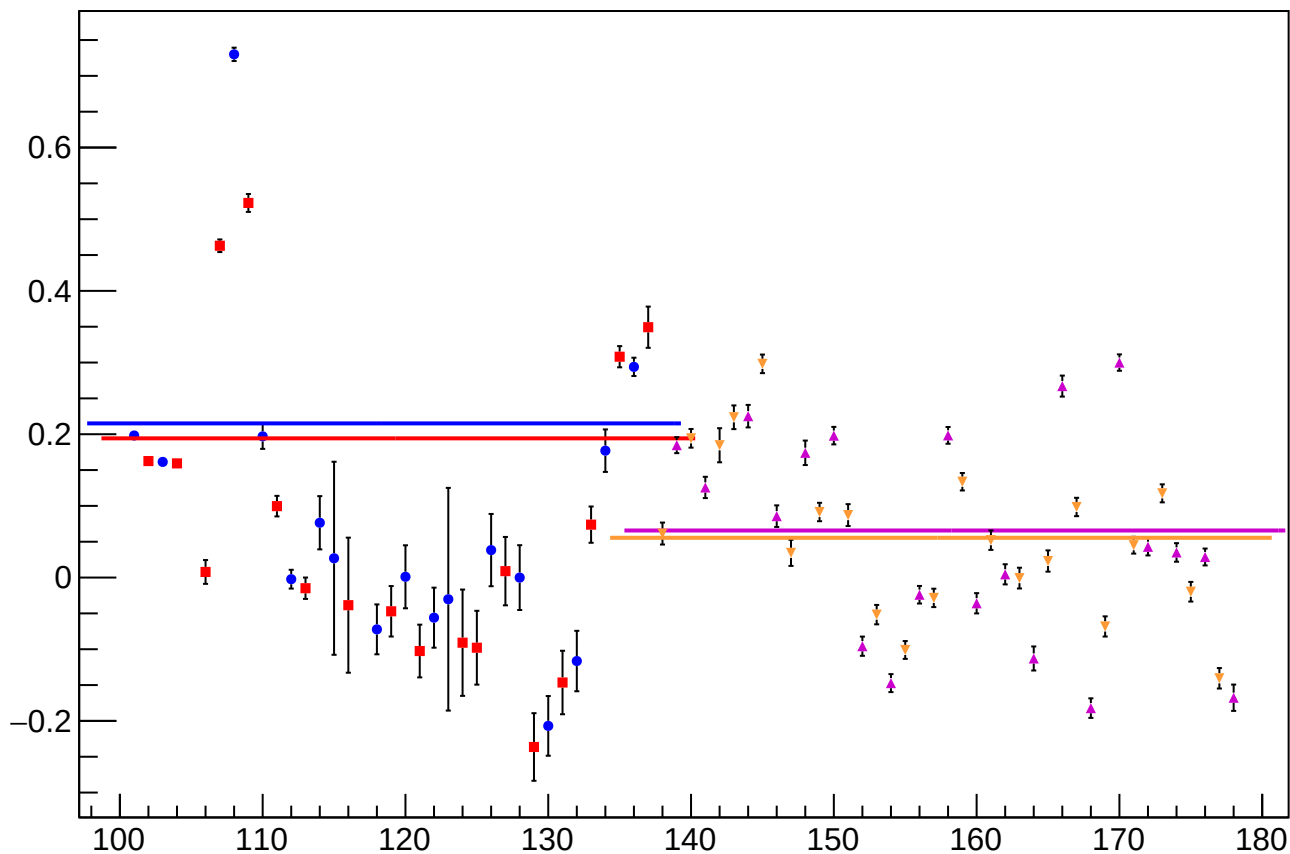
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 26.931 ± 0.047 χ^2/NDF : 333213.8/36

Out: 31.196 ± 0.048 χ^2/NDF : 290997.9/38

All: 28.992 ± 0.033 χ^2/NDF : 628261.6/75

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.056 ± 0.003 χ^2/NDF : 1267.9/20

Right Out: 0.194 ± 0.003 χ^2/NDF : 2520.1/17

Left In: 0.066 ± 0.003 χ^2/NDF : 2311.7/19

Left: 0.061 ± 0.002 χ^2/NDF : 3585.4/40

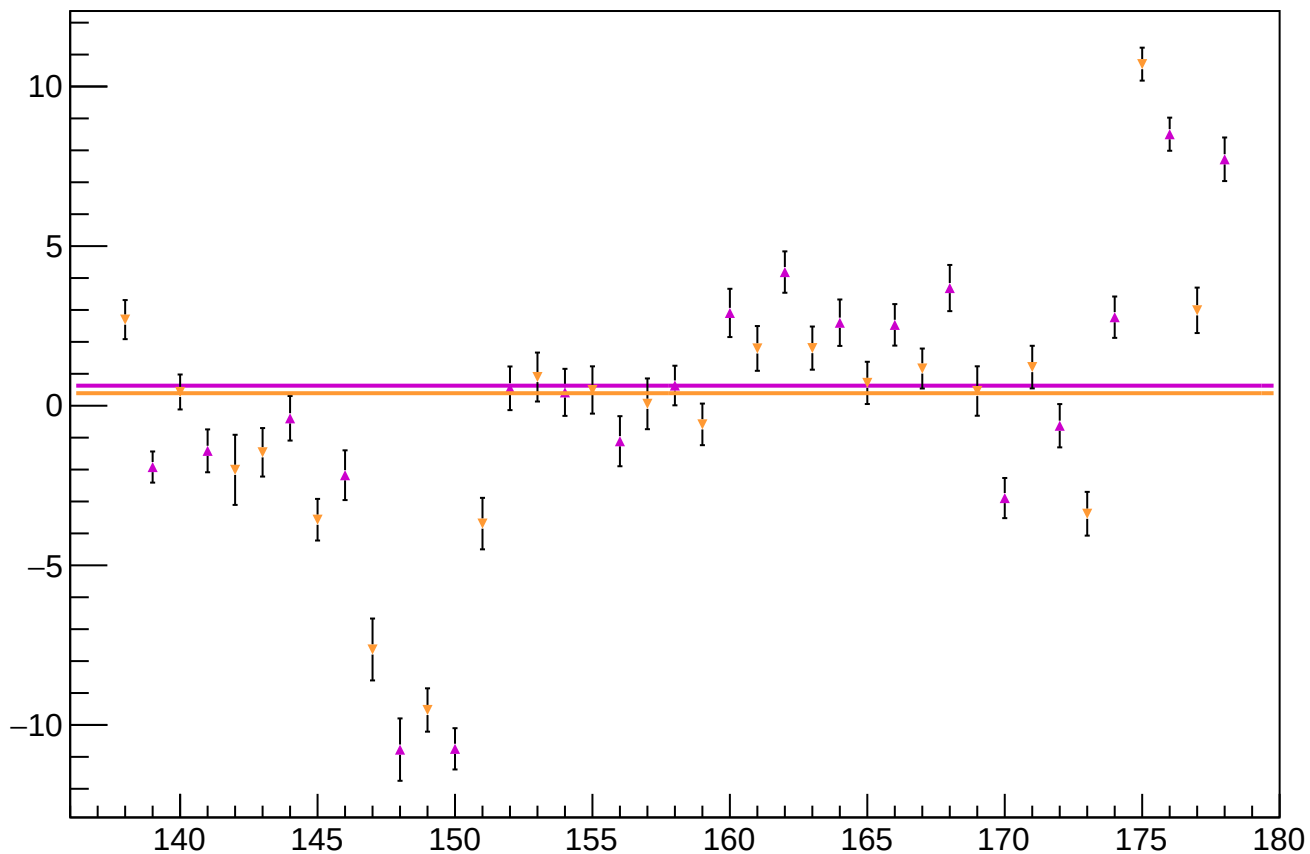
Right: 0.205 ± 0.002 χ^2/NDF : 6475.9/34

In: 0.146 ± 0.002 χ^2/NDF : 7580.2/36

Out: 0.131 ± 0.002 χ^2/NDF : 4940.0/38

All: 0.139 ± 0.001 χ^2/NDF : 12546.8/75

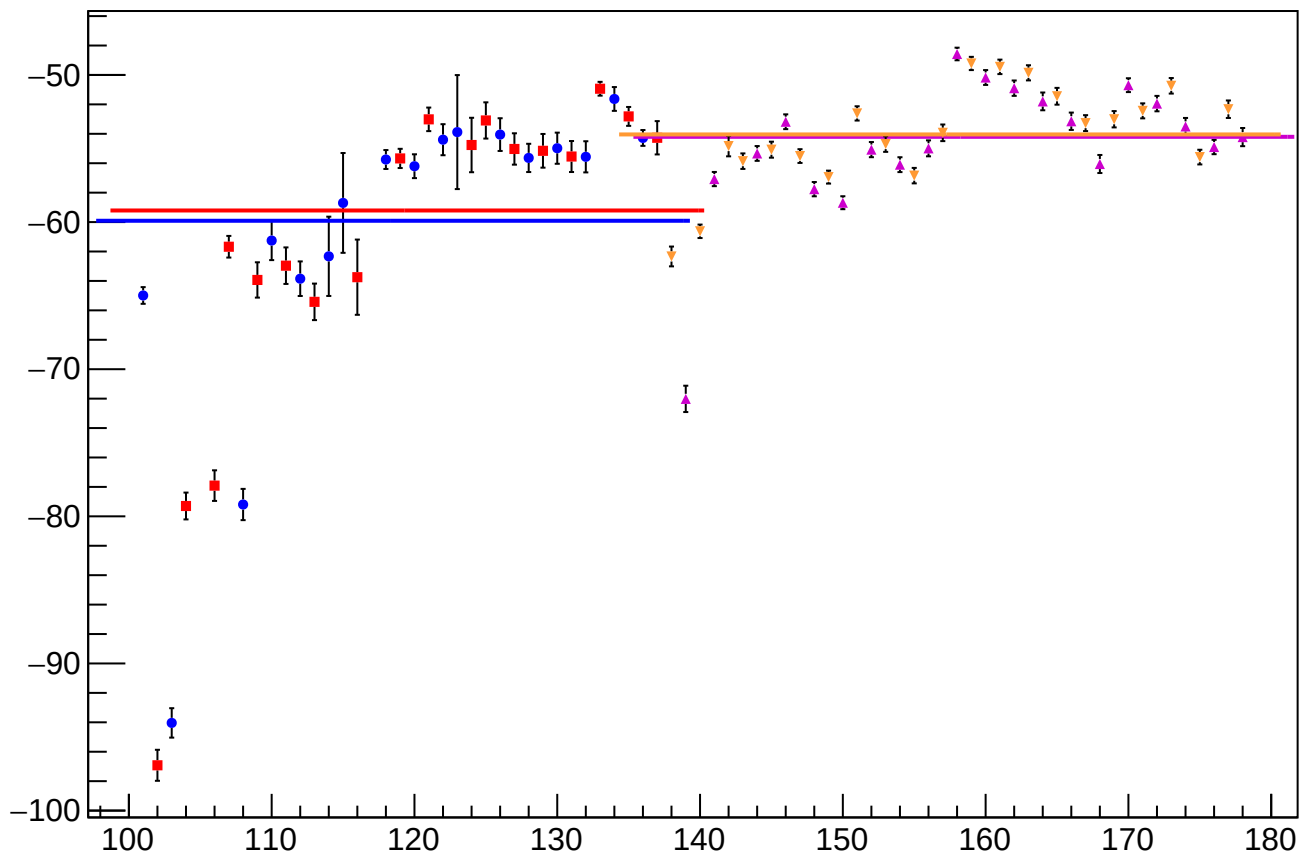
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.628 $\pm$ 0.149 χ^2 /NDF:959.6/19

Left: 0.512 $\pm$ 0.106 χ^2 /NDF: 1787.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.628 $\pm$ 0.149 χ^2 /NDF:959.6/19
 Out: 0.392 $\pm$ 0.151 χ^2 /NDF:826.6/20
 All: 0.512 $\pm$ 0.106 χ^2 /NDF: 1787.5/40

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.043 ± 0.114 χ^2/NDF : 829.0/20

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.205 ± 0.117 χ^2/NDF : 998.9/19

Left: -54.122 ± 0.082 χ^2/NDF : 1828.8/40

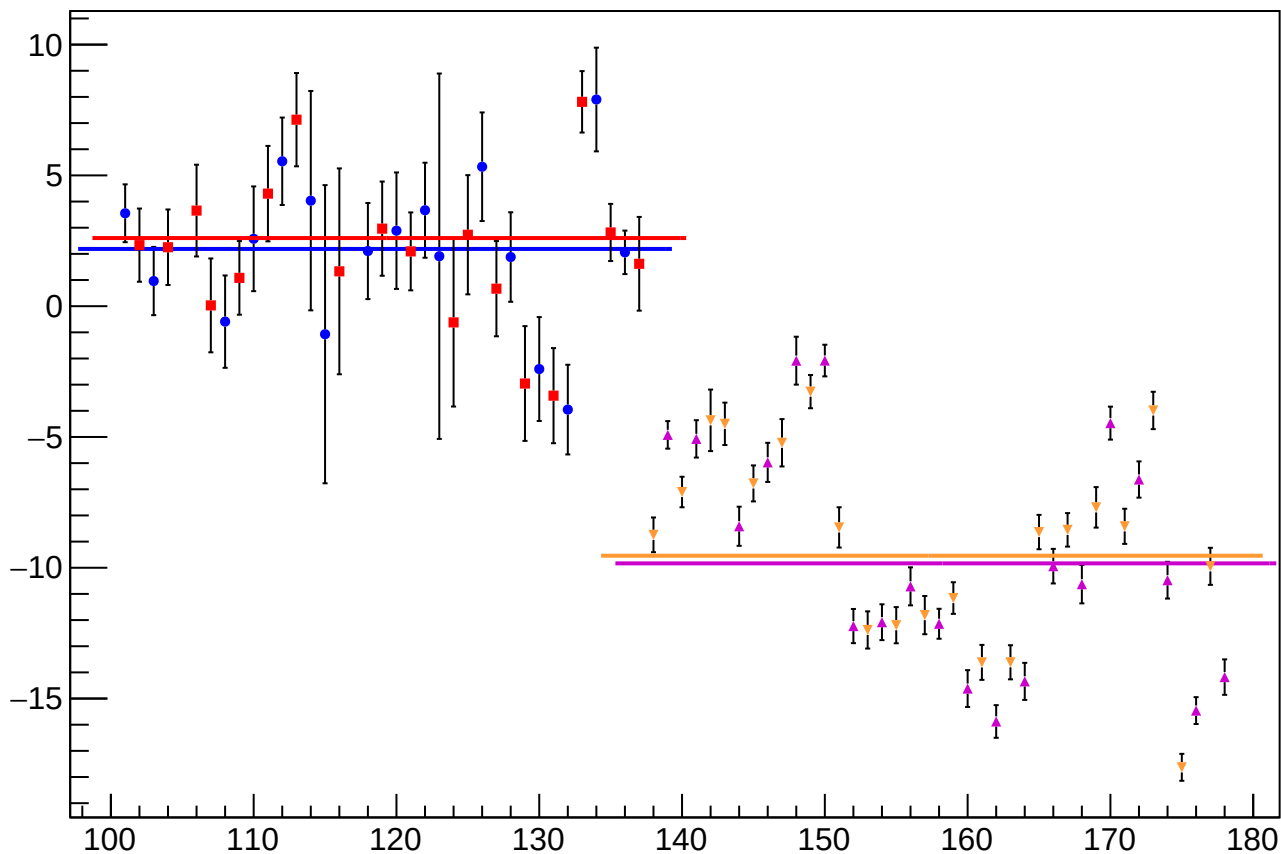
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.432 ± 0.104 χ^2/NDF : 3492.7/36

Out: -55.197 ± 0.100 χ^2/NDF : 4032.1/38

All: -55.311 ± 0.072 χ^2/NDF : 7527.4/75

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.540 ± 0.150 $\chi^2/\text{NDF}: 659.4/20$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.832 ± 0.148 $\chi^2/\text{NDF}: 877.3/19$

Left: -9.688 ± 0.105 $\chi^2/\text{NDF}: 1538.6/40$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -8.417 ± 0.139 $\chi^2/\text{NDF}: 1695.4/36$
 Out: -7.985 ± 0.140 $\chi^2/\text{NDF}: 1552.0/38$
 All: -8.203 ± 0.099 $\chi^2/\text{NDF}: 3252.2/75$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -38.318 ± 0.129 $\chi^2/\text{NDF}: 872.8/20$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -37.821 ± 0.131 $\chi^2/\text{NDF}: 1070.3/19$

Left: -38.073 ± 0.092 $\chi^2/\text{NDF}: 1950.4/40$

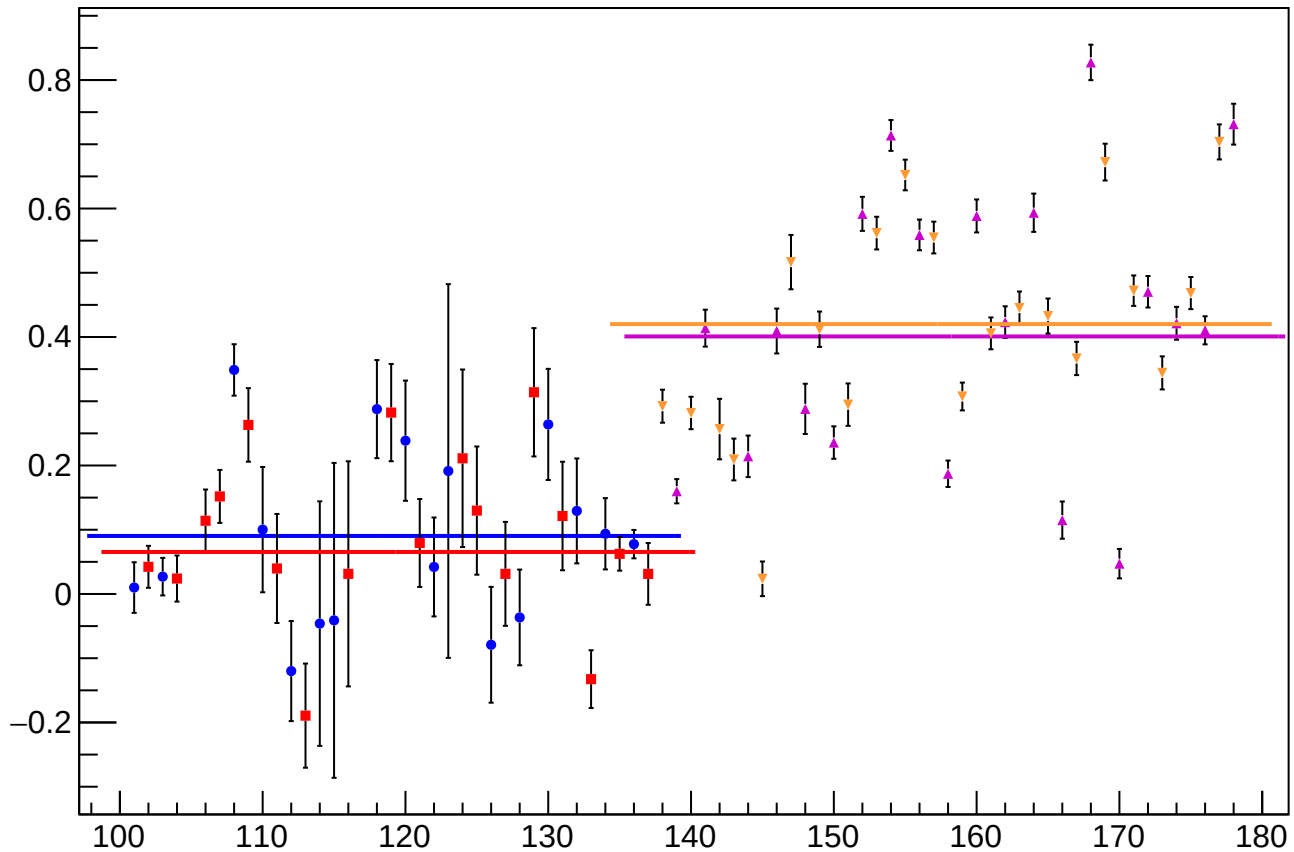
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -36.769 ± 0.116 $\chi^2/\text{NDF}: 6040.4/36$

Out: -37.128 ± 0.114 $\chi^2/\text{NDF}: 7014.8/38$

All: -36.952 ± 0.081 $\chi^2/\text{NDF}: 13060.1/75$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.420 ± 0.006 $\chi^2/\text{NDF}: 735.9/20$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.401 ± 0.006 $\chi^2/\text{NDF}: 1408.3/19$

Left: 0.410 ± 0.004 $\chi^2/\text{NDF}: 2149.7/40$

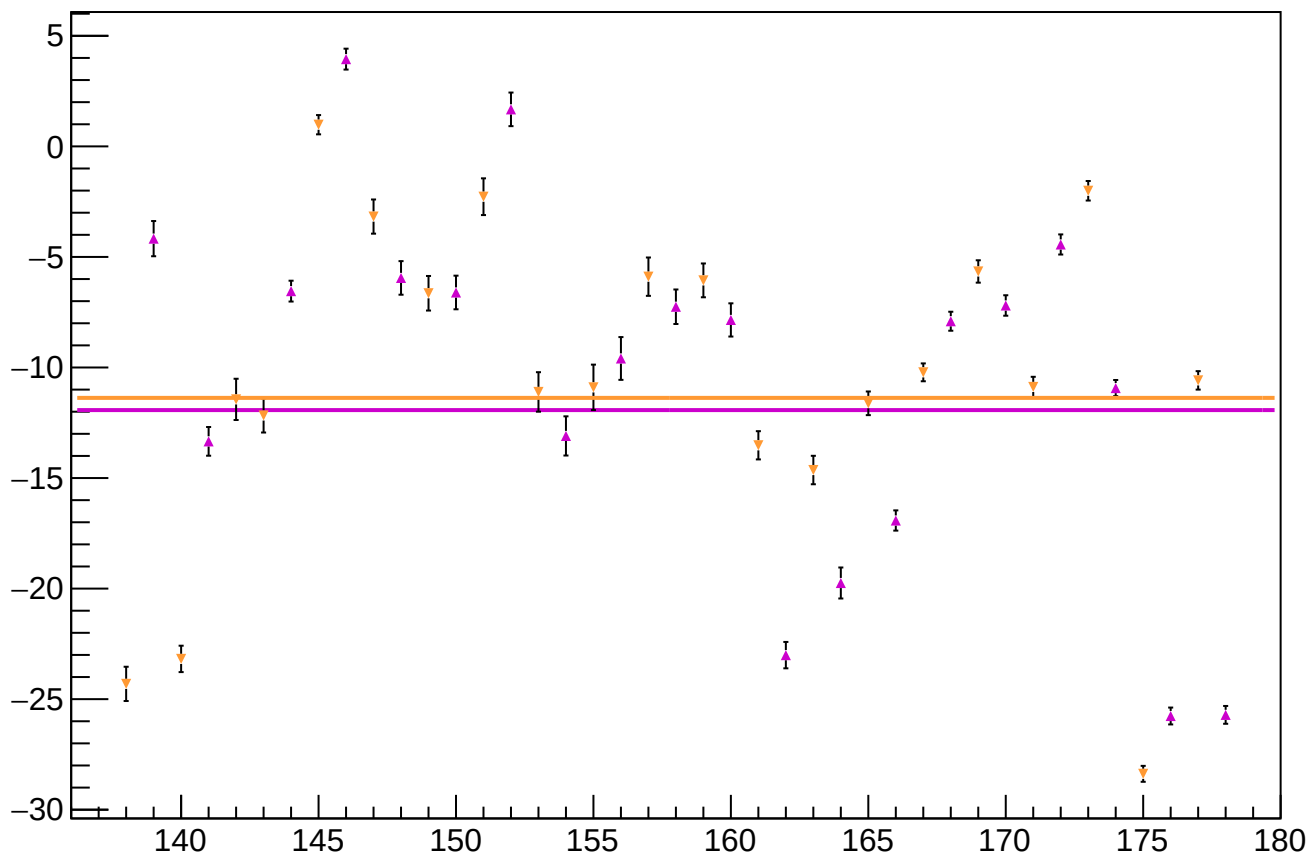
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.348 ± 0.005 $\chi^2/\text{NDF}: 1982.2/36$

Out: 0.354 ± 0.005 $\chi^2/\text{NDF}: 1484.6/38$

All: 0.351 ± 0.004 $\chi^2/\text{NDF}: 3467.4/75$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -11.374 $\pm$ 0.125 χ^2/NDF :4686.2/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.927 $\pm$ 0.120 χ^2/NDF :5406.8/19

Left: -11.660 $\pm$ 0.087 χ^2/NDF : 10103.2/40

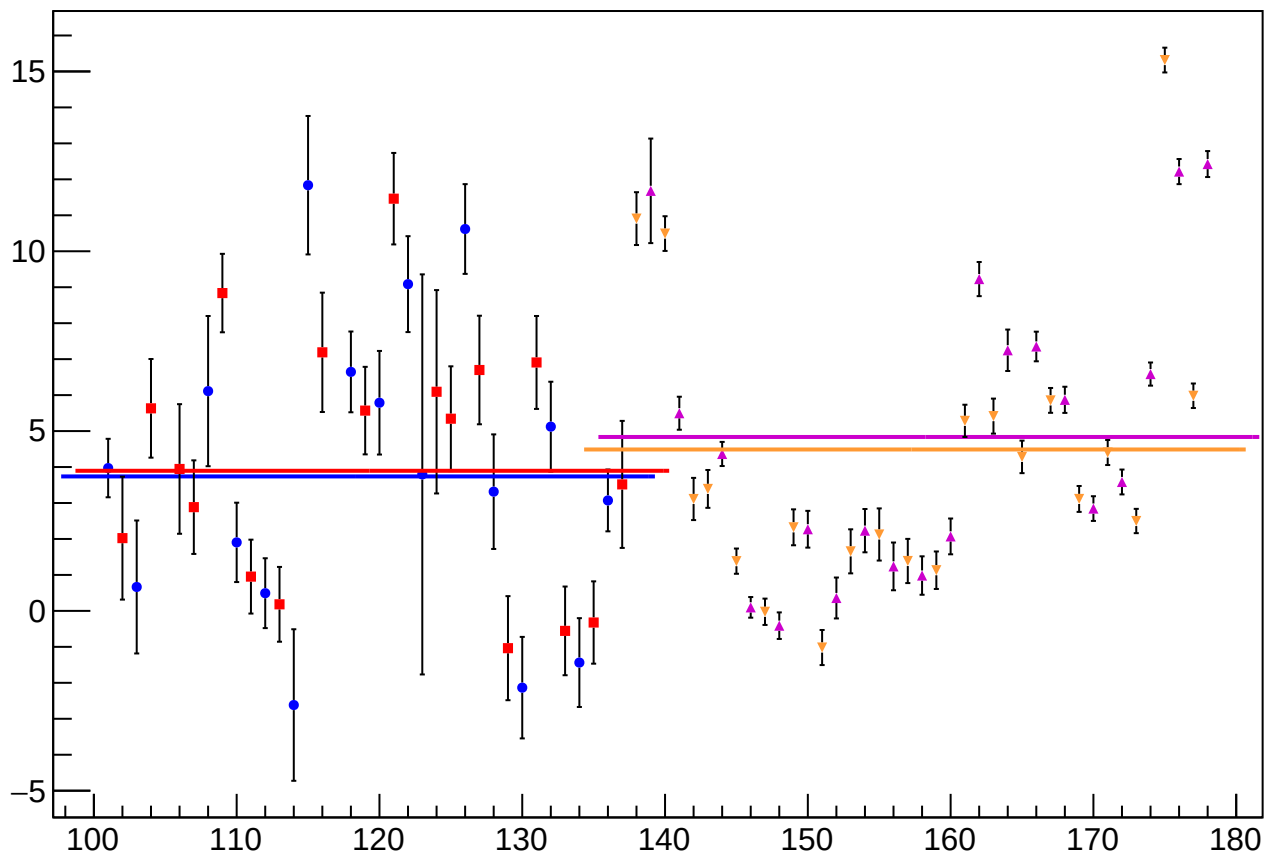
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.927 $\pm$ 0.120 χ^2/NDF :5406.8/19

Out: -11.374 $\pm$ 0.125 χ^2/NDF :4686.2/20

All: -11.660 $\pm$ 0.087 χ^2/NDF : 10103.2/40

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2/NDF : 136.9/16

Left Out: 4.488 $\pm$ 0.095 χ^2/NDF :1795.4/20

Right Out: 3.896 $\pm$ 0.316 χ^2/NDF : 134.9/17

Left In: 4.836 $\pm$ 0.093 χ^2/NDF :1831.3/19

Left: 4.666 $\pm$ 0.066 χ^2/NDF : 3633.5/40

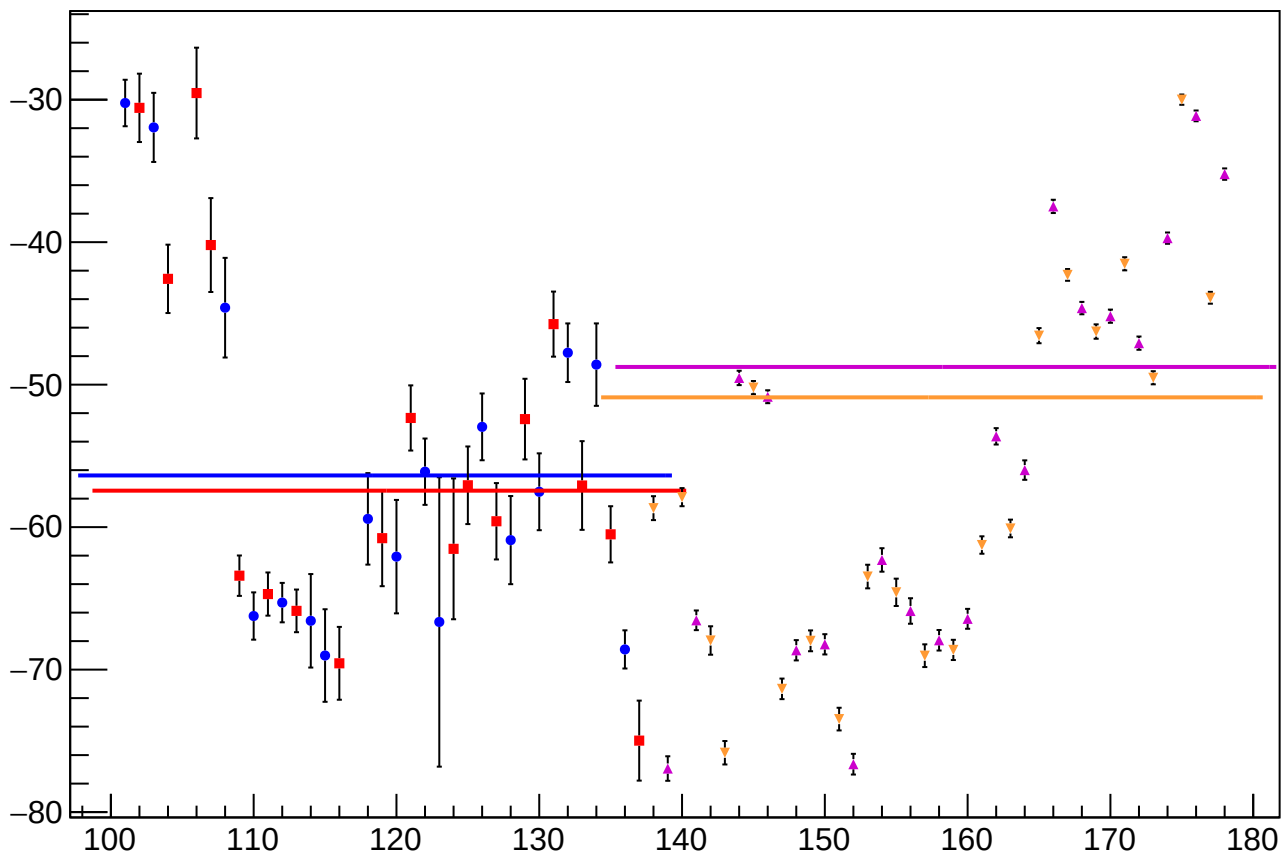
Right: 3.815 $\pm$ 0.221 χ^2/NDF : 271.9/34

In: 4.746 $\pm$ 0.089 χ^2/NDF :1979.7/36

Out: 4.440 $\pm$ 0.091 χ^2/NDF :1933.4/38

All: 4.596 $\pm$ 0.063 χ^2/NDF : 3919.0/75

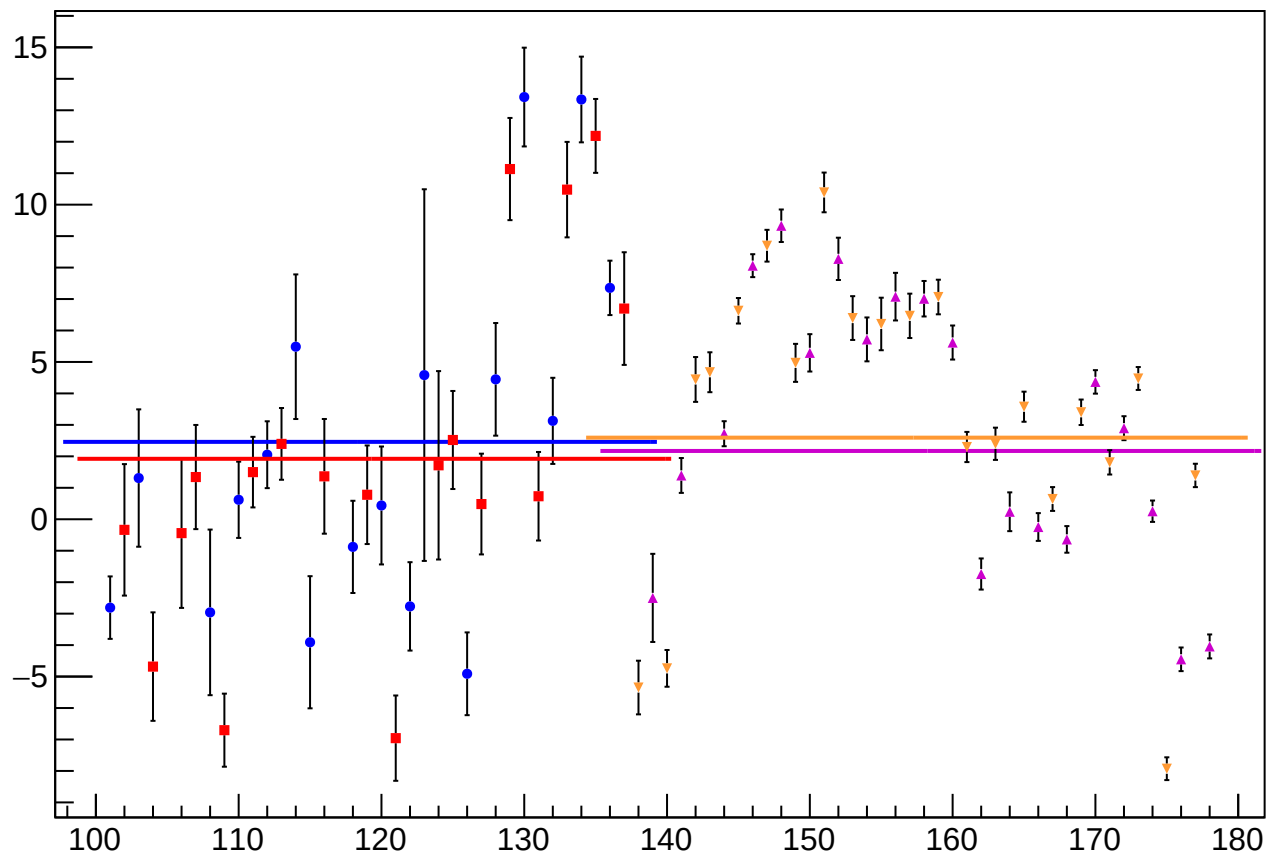
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16
 Left Out: -50.892 ± 0.125 χ^2/NDF : 10285.4/20
 Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17
 Left In: -48.757 ± 0.121 χ^2/NDF : 11517.4/19

Left: -49.786 ± 0.087 χ^2/NDF : 21953.9/40
 Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34
 In: -49.115 ± 0.118 χ^2/NDF : 12292.5/36
 Out: -51.229 ± 0.122 χ^2/NDF : 10867.5/38
 All: -50.136 ± 0.085 χ^2/NDF : 23315.7/75

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 2.594 ± 0.107 χ^2/NDF : 1741.5/20

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 2.171 ± 0.105 χ^2/NDF : 1553.9/19

Left: 2.379 ± 0.075 χ^2/NDF : 3303.4/40

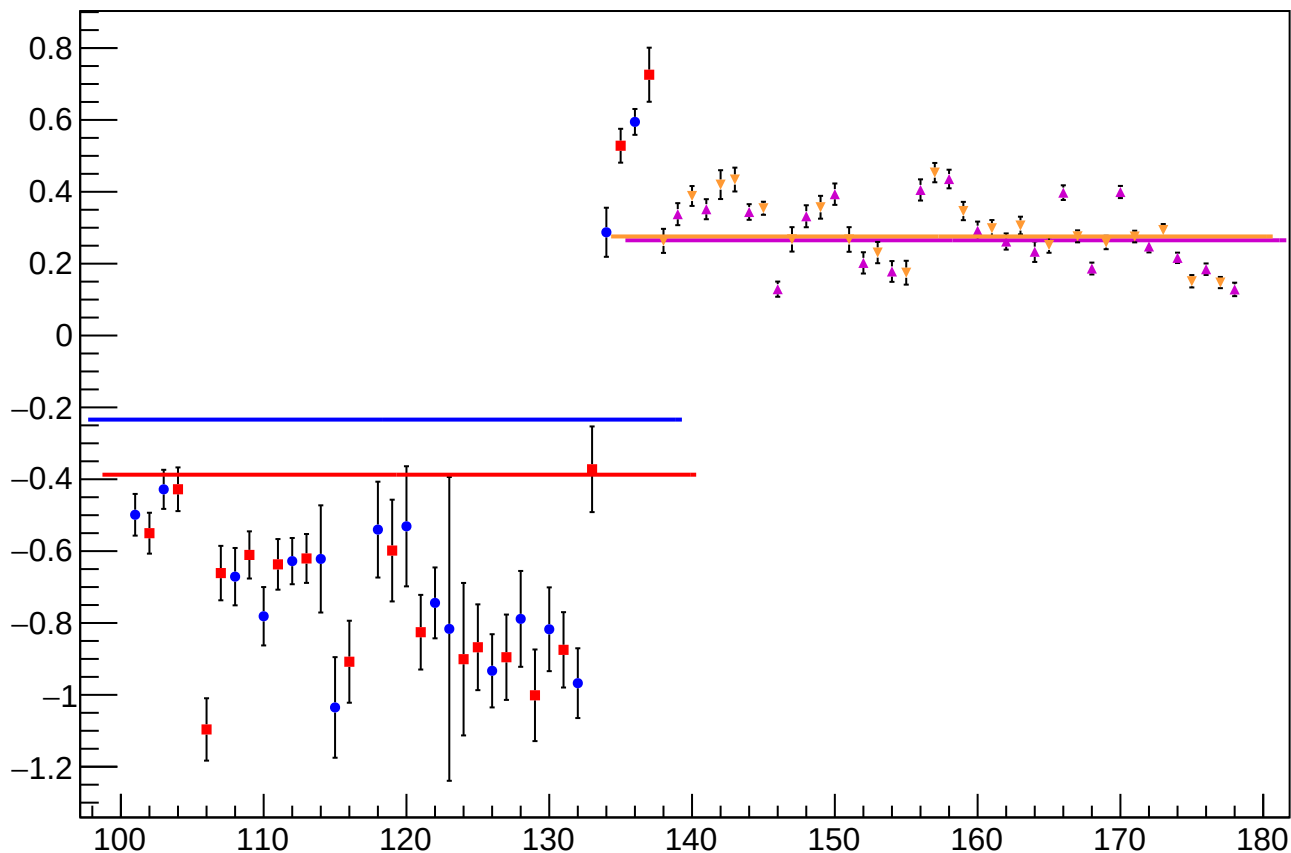
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 2.195 ± 0.100 χ^2/NDF : 1798.5/36

Out: 2.538 ± 0.102 χ^2/NDF : 2009.9/38

All: 2.363 ± 0.072 χ^2/NDF : 3814.1/75

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: 0.276 ± 0.005 χ^2/NDF : 265.8/20

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.265 ± 0.005 χ^2/NDF : 393.5/19

Left: 0.270 ± 0.003 χ^2/NDF : 661.7/40

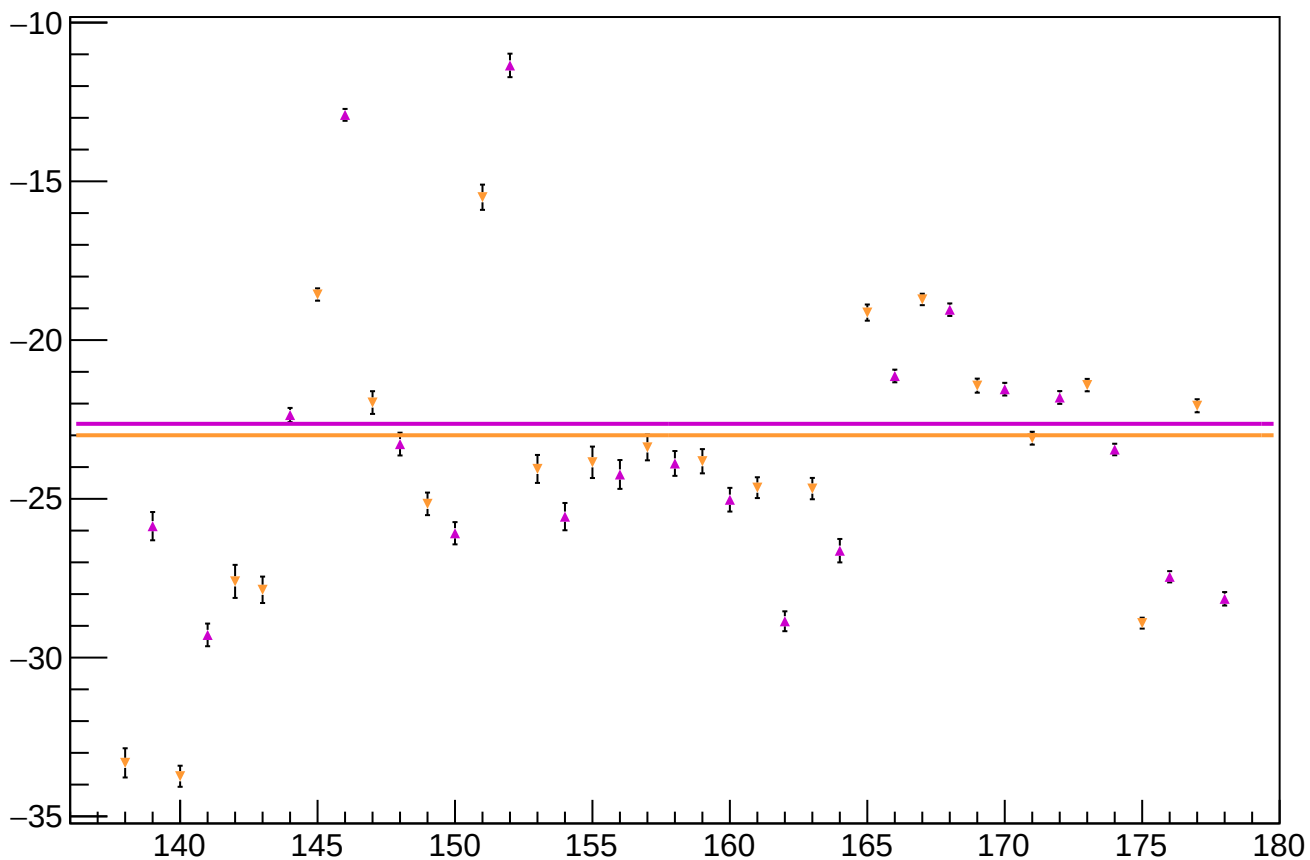
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.235 ± 0.005 χ^2/NDF : 2007.0/36

Out: 0.234 ± 0.005 χ^2/NDF : 2253.3/38

All: 0.234 ± 0.003 χ^2/NDF : 4260.3/75

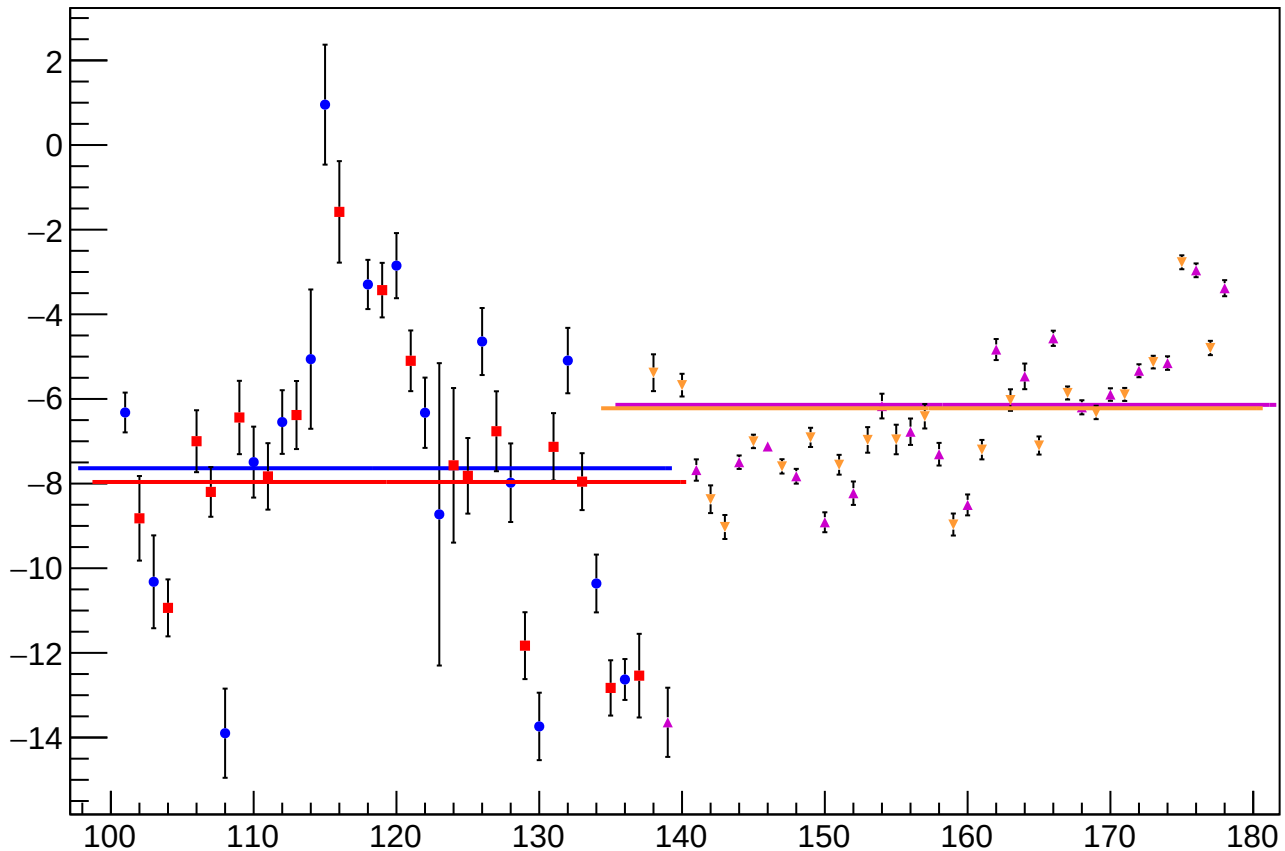
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -22.997+/-0.059 χ^2 /NDF:4860.5/20
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -22.637+/-0.057 χ^2 /NDF:6615.1/19

Left: -22.810+/-0.041 χ^2 /NDF: 11494.9/40
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -22.637+/-0.057 χ^2 /NDF:6615.1/19
 Out: -22.997+/-0.059 χ^2 /NDF:4860.5/20
 All: -22.810+/-0.041 χ^2 /NDF: 11494.9/40

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.220 ± 0.045 χ^2/NDF : 1012.8/20

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.140 ± 0.043 χ^2/NDF : 1437.7/19

Left: -6.179 ± 0.031 χ^2/NDF : 2452.2/40

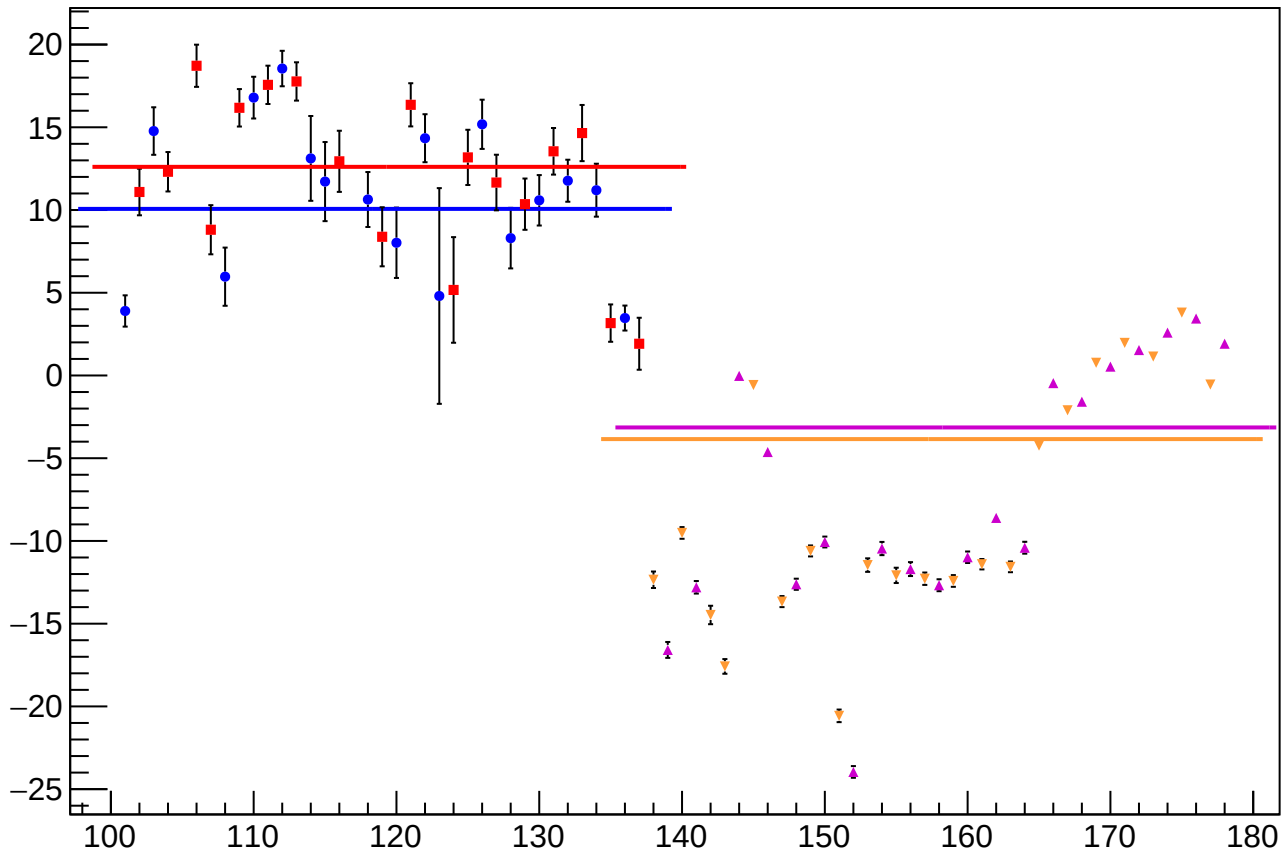
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.217 ± 0.042 χ^2/NDF : 1893.2/36

Out: -6.317 ± 0.044 χ^2/NDF : 1322.4/38

All: -6.265 ± 0.030 χ^2/NDF : 3218.2/75

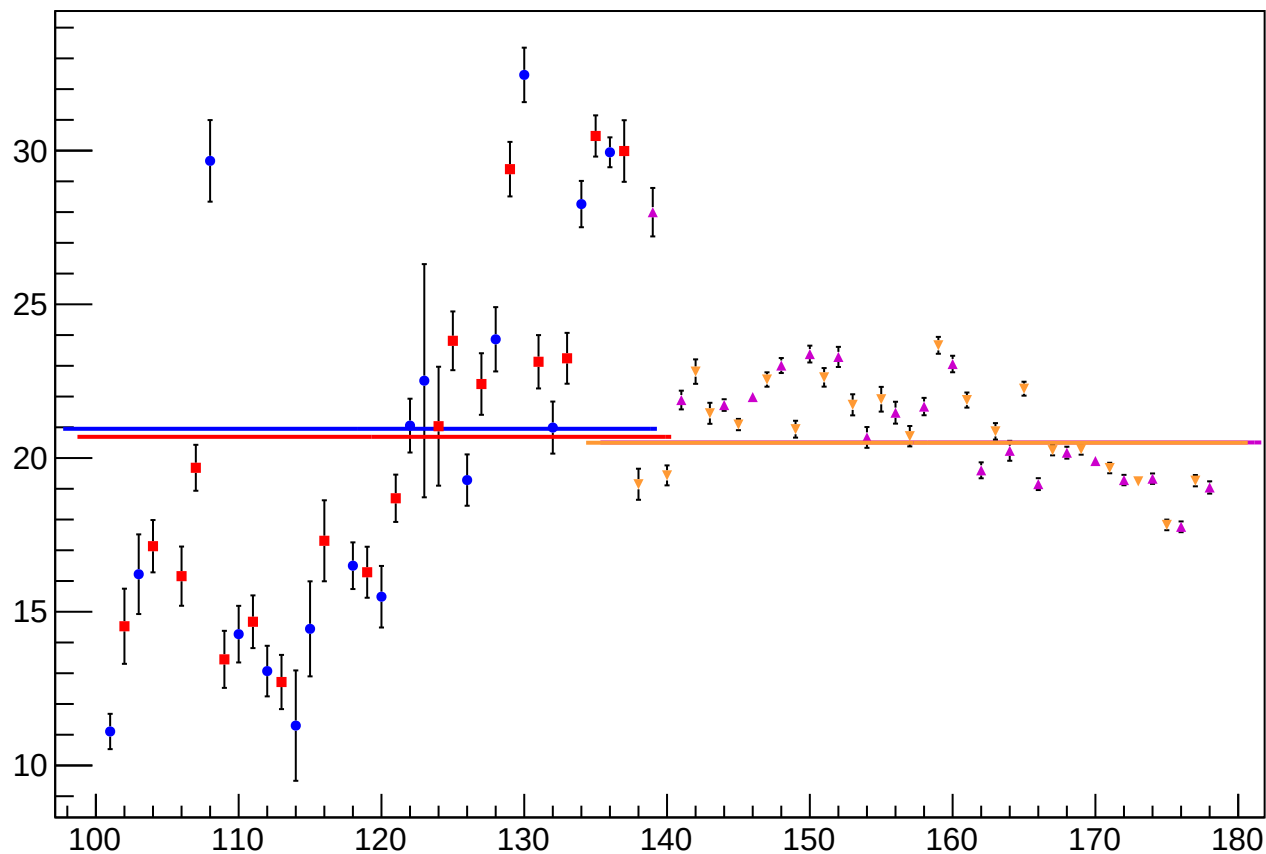
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -3.845 ± 0.059 χ^2/NDF : 12401.8/20
 Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17
 Left In: -3.141 ± 0.057 χ^2/NDF : 12974.7/19

Left: -3.478 ± 0.041 χ^2/NDF : 25450.0/40
 Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34
 In: -2.778 ± 0.056 χ^2/NDF : 14718.7/36
 Out: -3.340 ± 0.058 χ^2/NDF : 14985.9/38
 All: -3.047 ± 0.040 χ^2/NDF : 29753.0/75

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.498 $\pm$ 0.051 χ^2 /NDF:823.1/20

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.507 $\pm$ 0.049 χ^2 /NDF:1135.4/19

Left: 20.503 $\pm$ 0.035 χ^2 /NDF: 1958.5/40

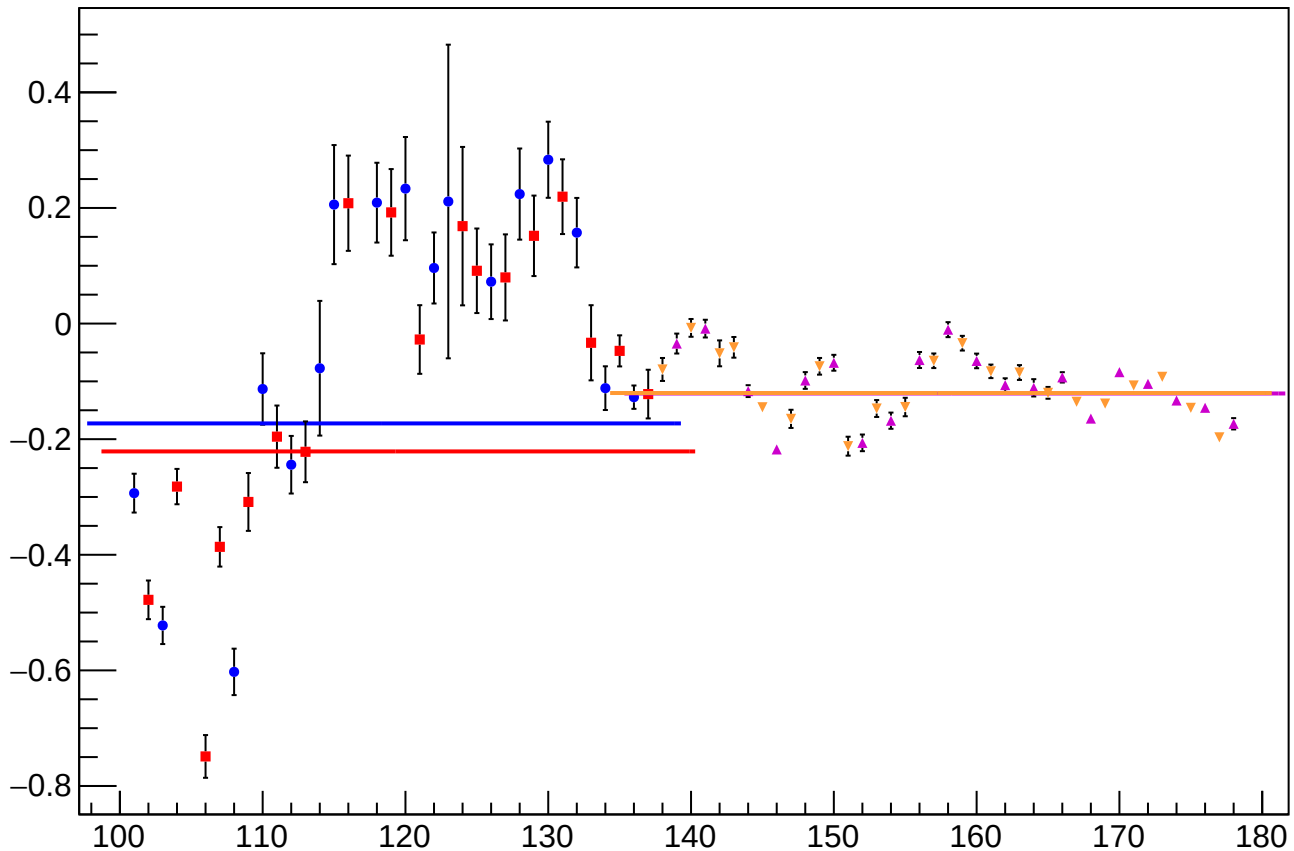
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.530 $\pm$ 0.048 χ^2 /NDF:2362.4/36

Out: 20.508 $\pm$ 0.049 χ^2 /NDF:1550.8/38

All: 20.519 $\pm$ 0.034 χ^2 /NDF: 3913.4/75

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.120 ± 0.002 χ^2/NDF : 369.9/20

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.121 ± 0.002 χ^2/NDF : 501.6/19

Left: -0.121 ± 0.002 χ^2/NDF : 871.5/40

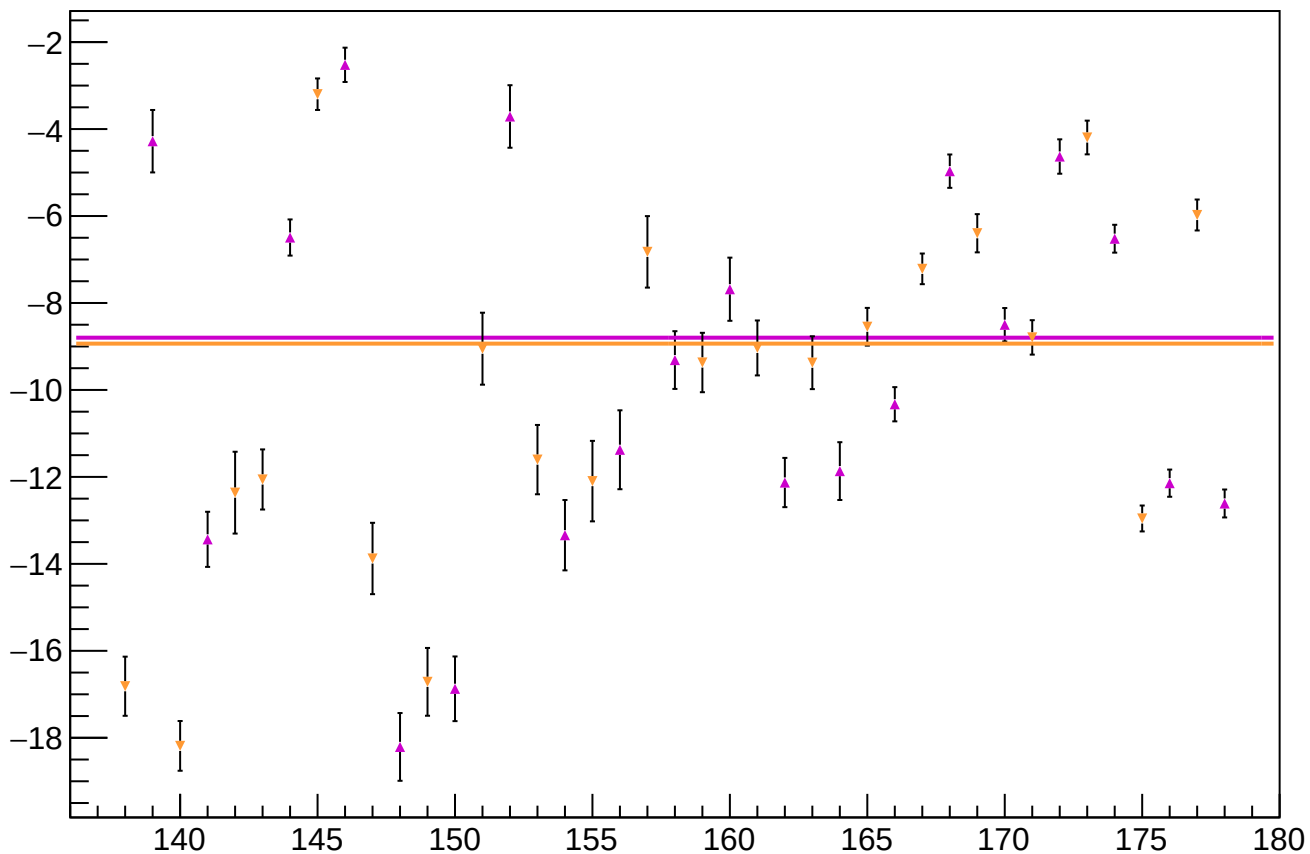
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.123 ± 0.002 χ^2/NDF : 982.5/36

Out: -0.124 ± 0.002 χ^2/NDF : 986.3/38

All: -0.124 ± 0.002 χ^2/NDF : 1969.0/75

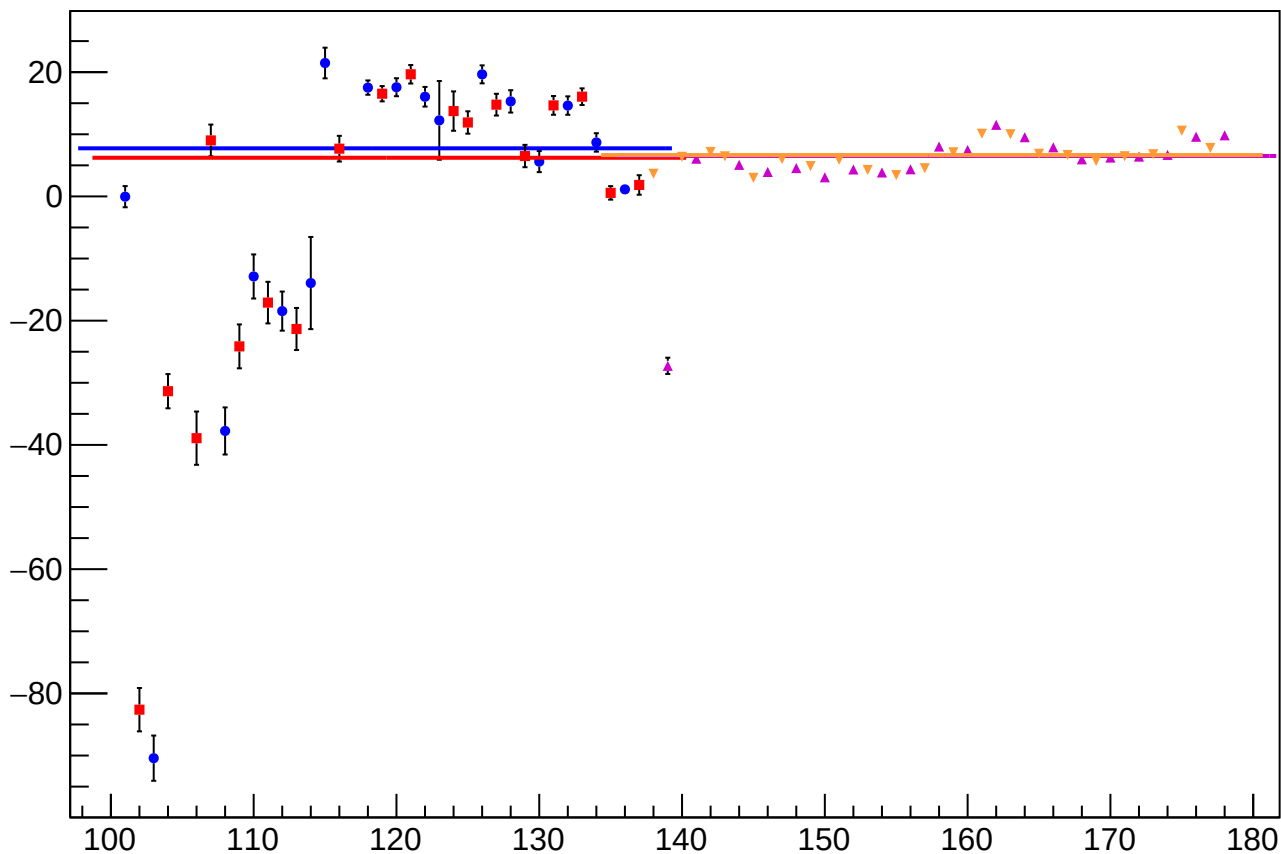
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.798+/-0.105 χ^2/NDF :1321.3/19

Left: -8.864+/-0.076 χ^2/NDF : 2626.7/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.798+/-0.105 χ^2/NDF :1321.3/19
 Out: -8.935+/-0.110 χ^2/NDF :1304.6/20
 All: -8.864+/-0.076 χ^2/NDF : 2626.7/40

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.656 ± 0.085 $\chi^2/\text{NDF}: 588.9/20$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 6.510 ± 0.082 $\chi^2/\text{NDF}: 1359.1/19$

Left: 6.581 ± 0.059 $\chi^2/\text{NDF}: 1949.6/40$

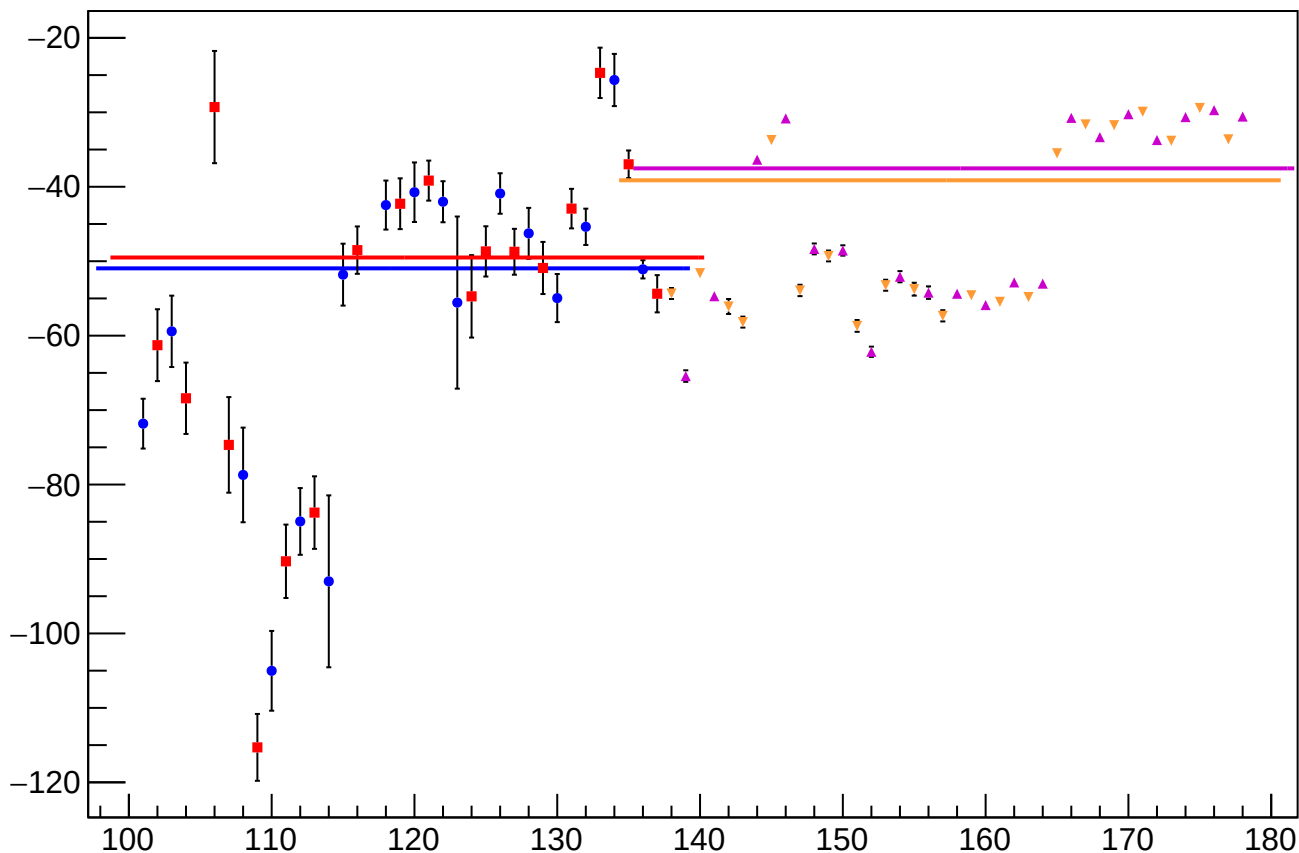
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 6.559 ± 0.081 $\chi^2/\text{NDF}: 2727.0/36$

Out: 6.640 ± 0.083 $\chi^2/\text{NDF}: 2035.8/38$

All: 6.598 ± 0.058 $\chi^2/\text{NDF}: 4763.3/75$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -39.128 ± 0.110 χ^2/NDF : 9229.8/20

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -37.530 ± 0.105 χ^2/NDF : 9993.1/19

Left: -38.292 ± 0.076 χ^2/NDF : 19332.6/40

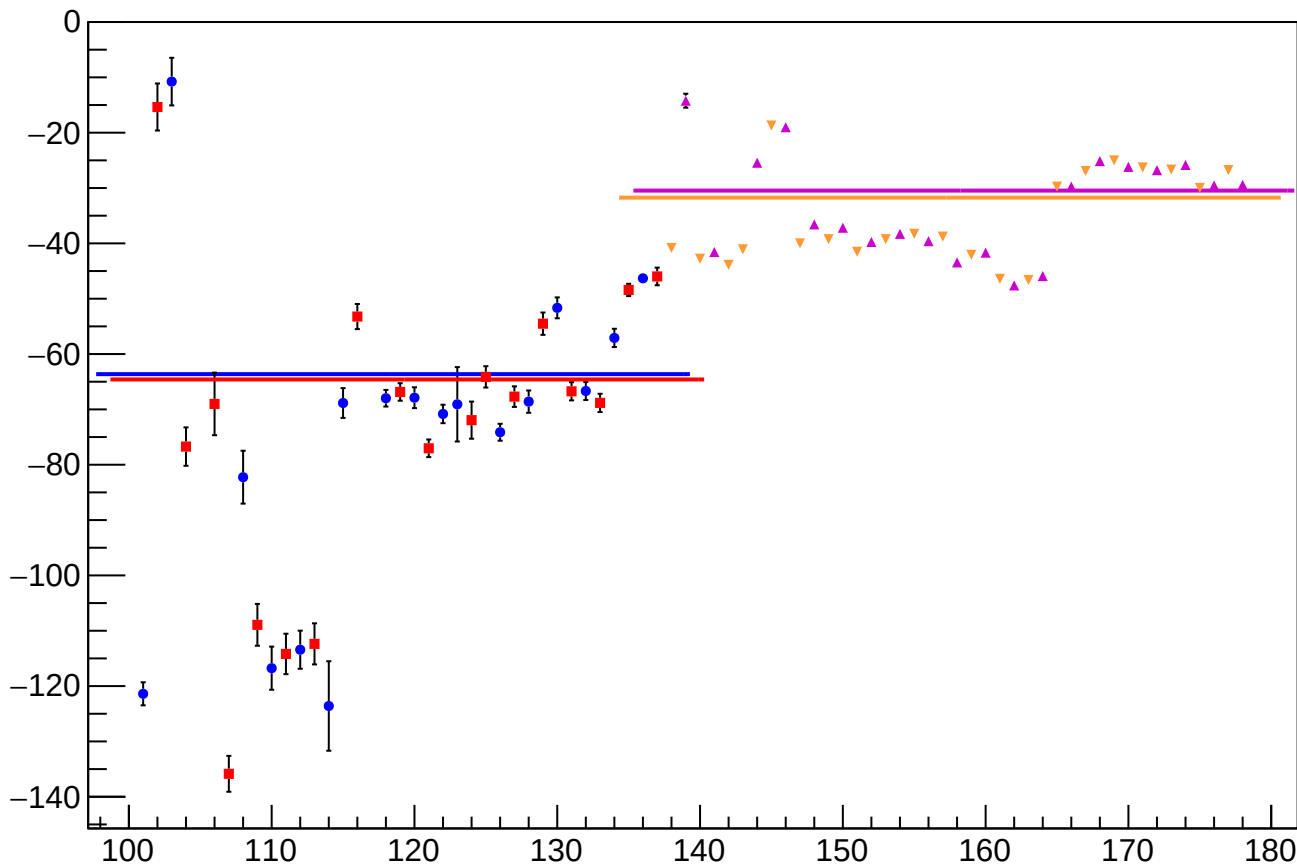
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -37.798 ± 0.104 χ^2/NDF : 10649.2/36

Out: -39.323 ± 0.109 χ^2/NDF : 9902.0/38

All: -38.525 ± 0.075 χ^2/NDF : 20653.0/75

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: -31.733 ± 0.095 χ^2/NDF : 7334.3/20

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -30.463 ± 0.092 χ^2/NDF : 6906.0/19

Left: -31.081 ± 0.066 χ^2/NDF : 14332.1/40

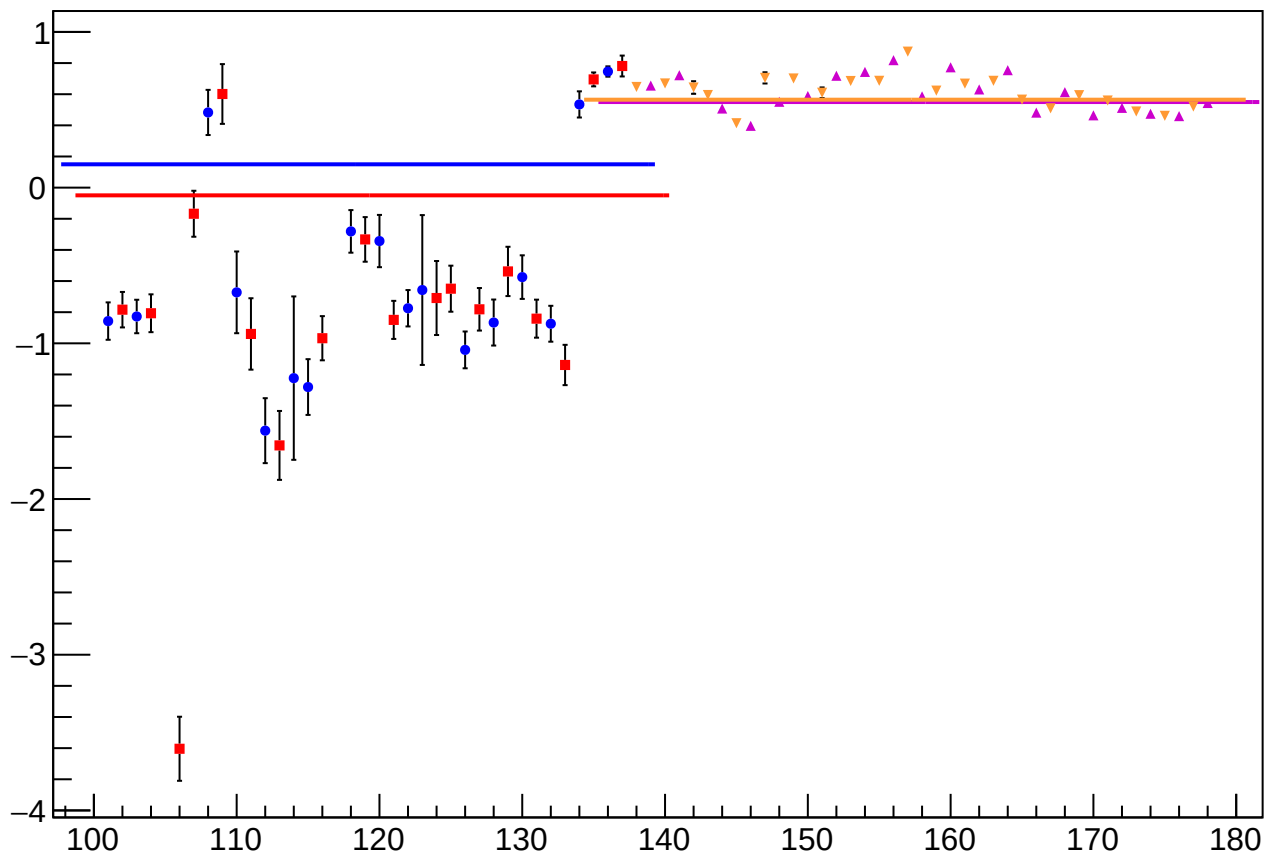
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.830 ± 0.091 χ^2/NDF : 14223.5/36

Out: -32.958 ± 0.093 χ^2/NDF : 13399.1/38

All: -32.378 ± 0.065 χ^2/NDF : 27698.2/75

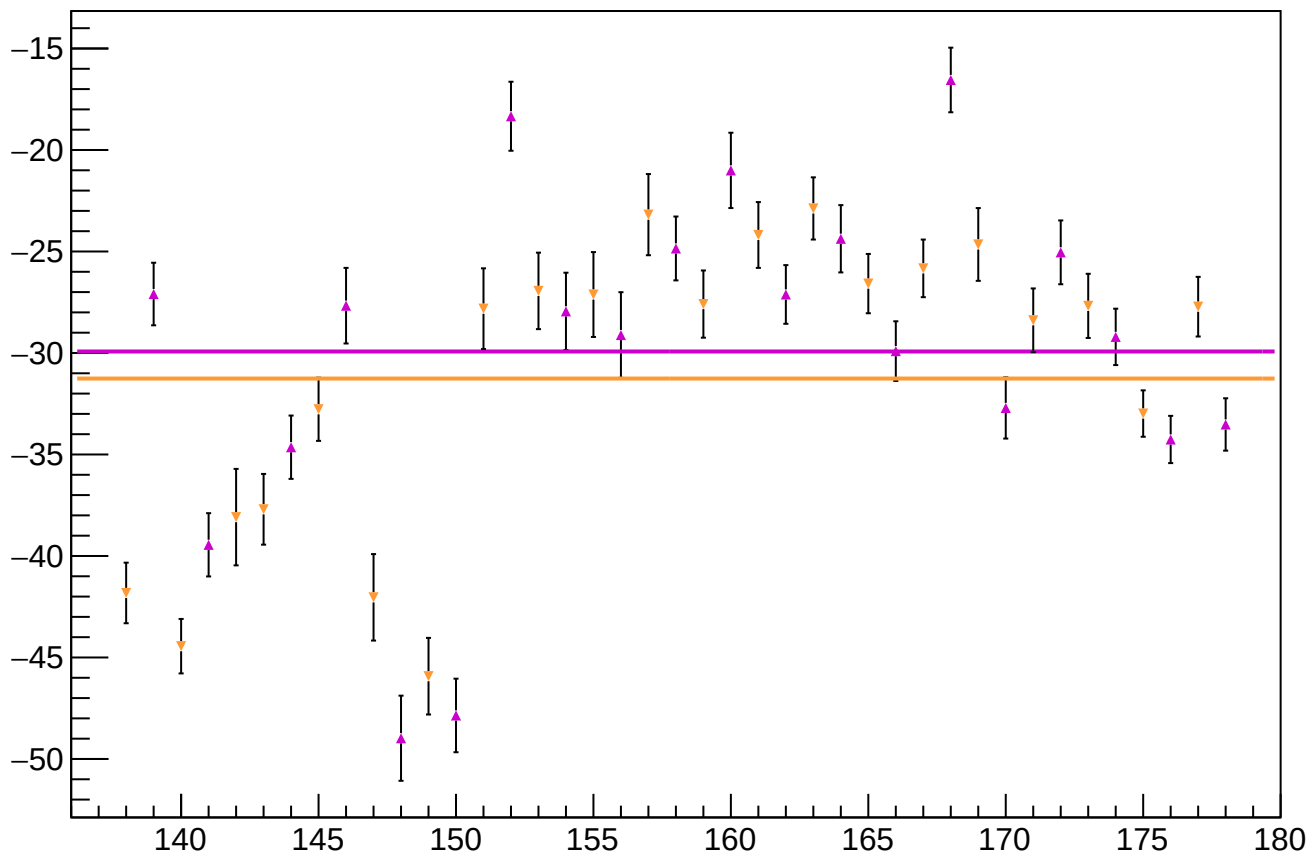
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.565 ± 0.004 $\chi^2/\text{NDF}: 507.6/20$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.550 ± 0.004 $\chi^2/\text{NDF}: 634.1/19$

Left: 0.557 ± 0.003 $\chi^2/\text{NDF}: 1147.9/40$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.538 ± 0.004 $\chi^2/\text{NDF}: 1893.0/36$
 Out: 0.548 ± 0.004 $\chi^2/\text{NDF}: 2195.6/38$
 All: 0.543 ± 0.003 $\chi^2/\text{NDF}: 4091.7/75$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -31.259 $\pm$ 0.355 χ^2/NDF :392.9/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -29.926 $\pm$ 0.353 χ^2/NDF :433.7/19

Left: -30.589 $\pm$ 0.251 χ^2/NDF : 833.7/40

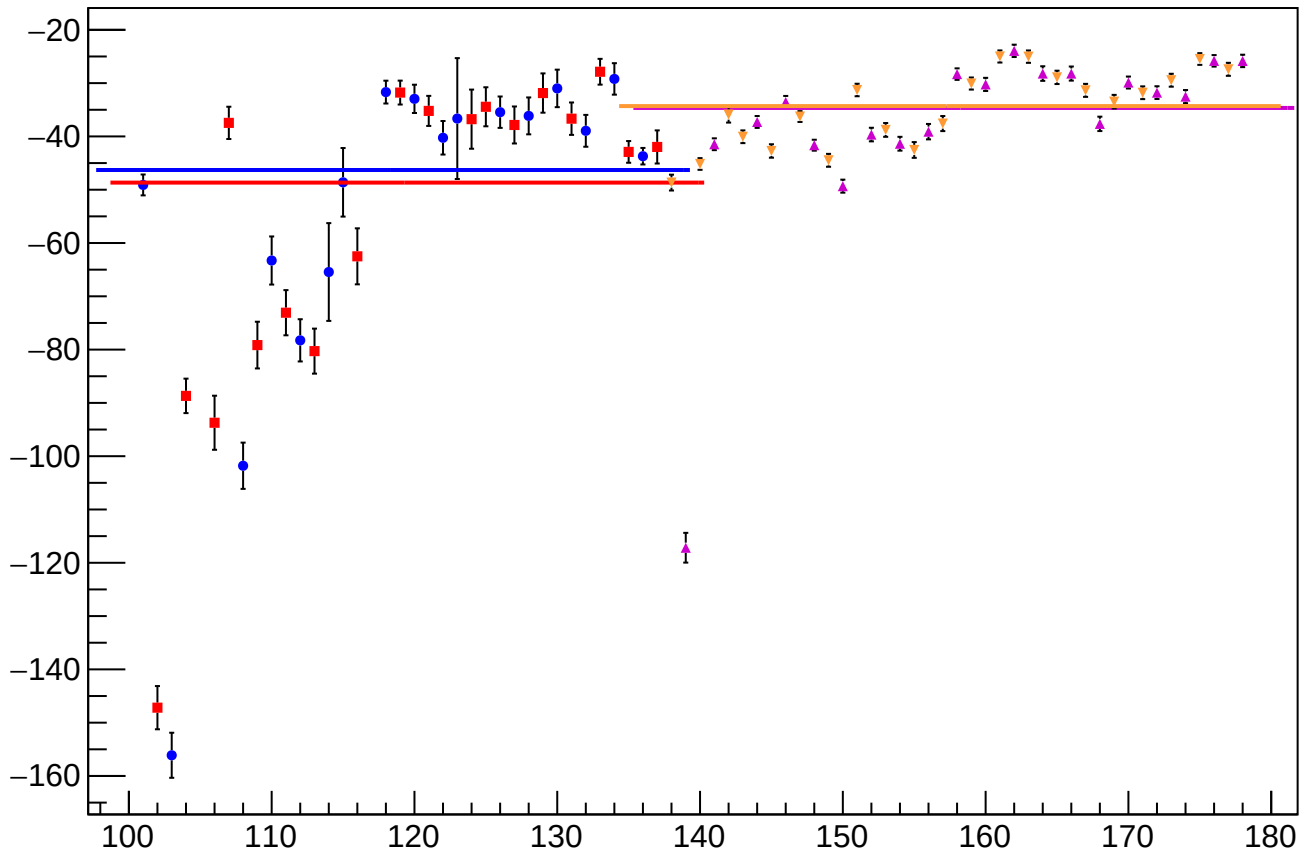
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -29.926 $\pm$ 0.353 χ^2/NDF :433.7/19

Out: -31.259 $\pm$ 0.355 χ^2/NDF :392.9/20

All: -30.589 $\pm$ 0.251 χ^2/NDF : 833.7/40

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.311 ± 0.267 $\chi^2/\text{NDF}: 675.3/20$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -34.656 ± 0.272 $\chi^2/\text{NDF}: 1494.1/19$

Left: -34.480 ± 0.191 $\chi^2/\text{NDF}: 2170.2/40$

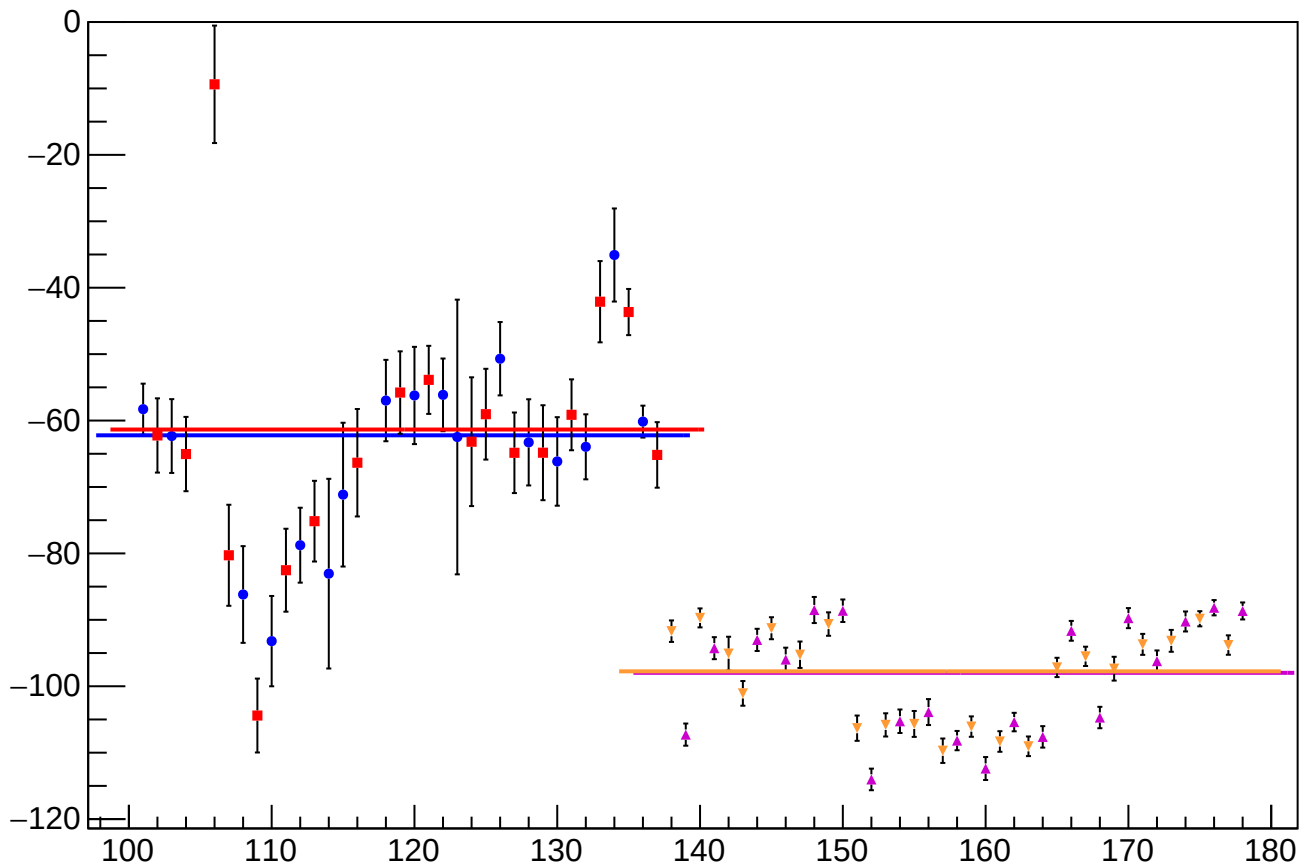
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -36.102 ± 0.255 $\chi^2/\text{NDF}: 2804.9/36$

Out: -35.871 ± 0.252 $\chi^2/\text{NDF}: 2202.9/38$

All: -35.985 ± 0.179 $\chi^2/\text{NDF}: 5008.2/75$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -97.754 ± 0.354 χ^2/NDF : 390.0/20

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -97.979 ± 0.351 χ^2/NDF : 624.4/19

Left: -97.868 ± 0.249 χ^2/NDF : 1014.6/40

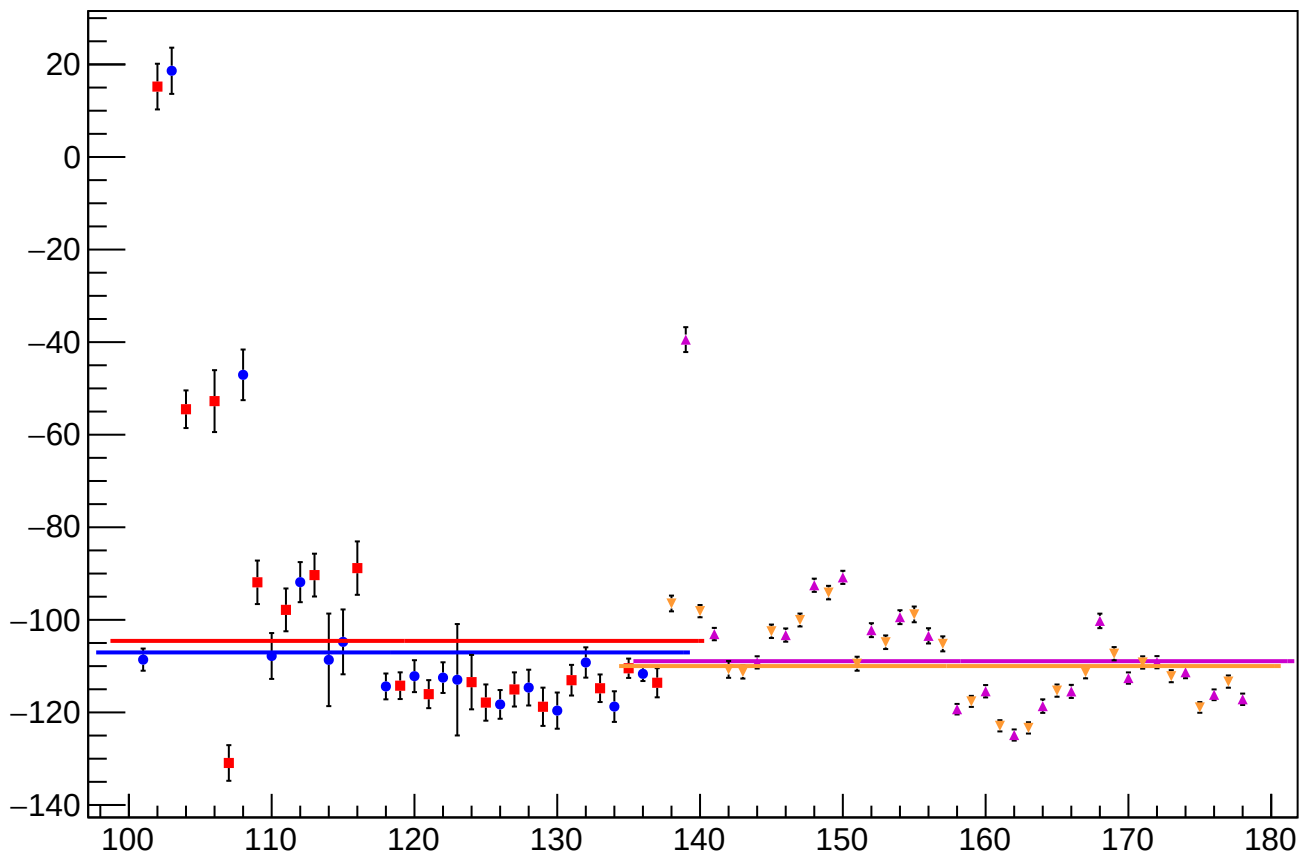
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -95.596 ± 0.339 χ^2/NDF : 1385.4/36

Out: -95.516 ± 0.343 χ^2/NDF : 1198.8/38

All: -95.556 ± 0.241 χ^2/NDF : 2584.2/75

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.989 ± 0.303 χ^2/NDF : 766.7/20

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -108.928 ± 0.307 χ^2/NDF : 1541.8/19

Left: -109.466 ± 0.215 χ^2/NDF : 2314.6/40

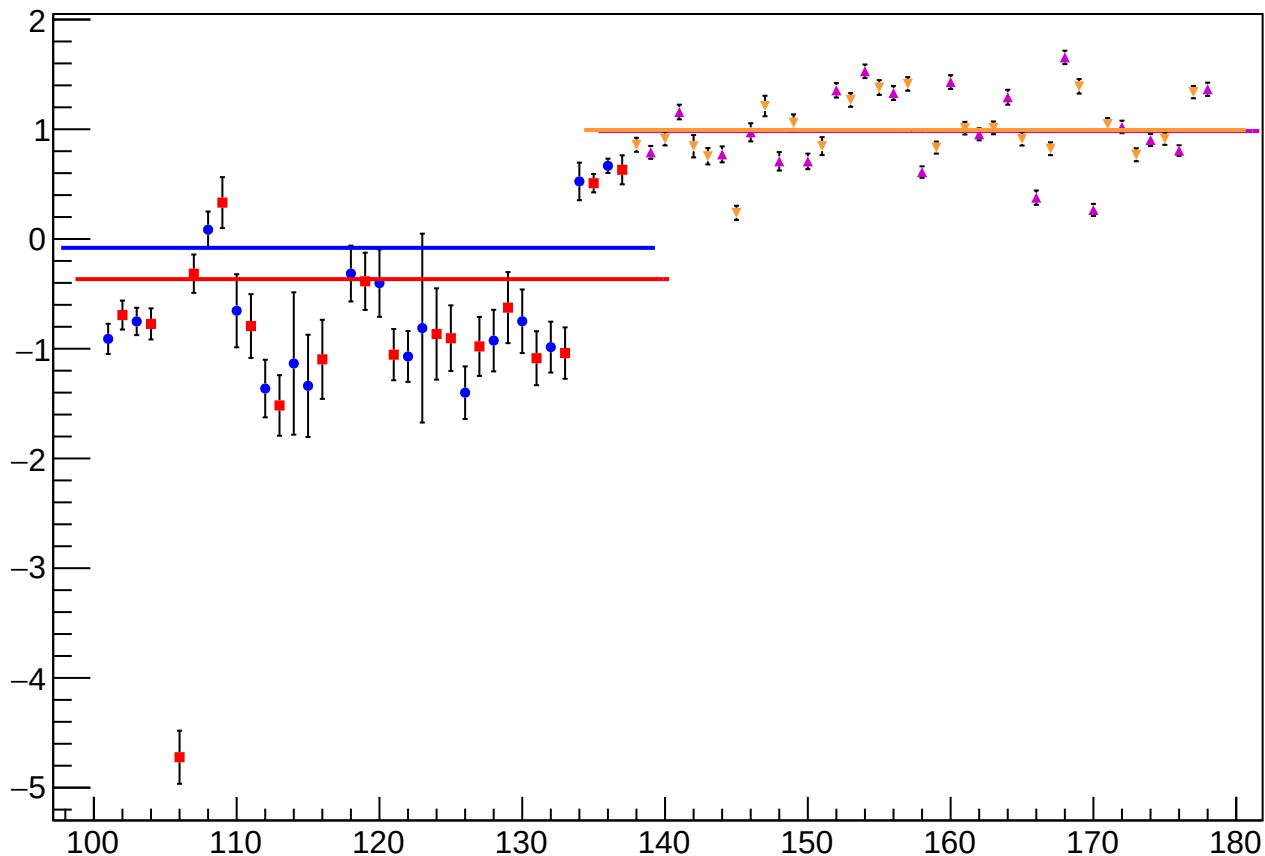
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -108.693 ± 0.287 χ^2/NDF : 2374.4/36

Out: -109.390 ± 0.286 χ^2/NDF : 1769.7/38

All: -109.043 ± 0.202 χ^2/NDF : 4147.0/75

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.993 ± 0.014 χ^2/NDF : 370.8/20

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.984 ± 0.014 χ^2/NDF : 744.5/19

Left: 0.989 ± 0.010 χ^2/NDF : 1115.5/40

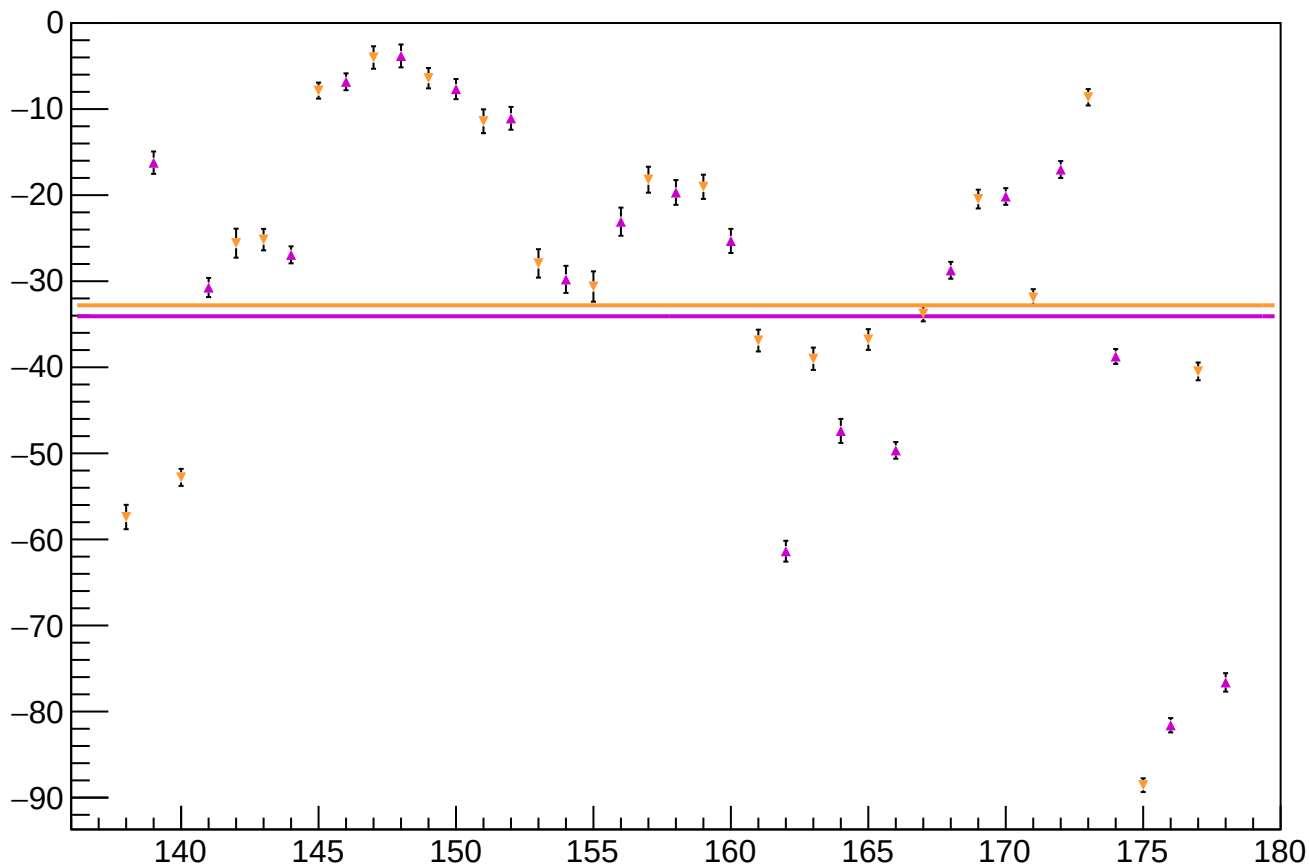
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.881 ± 0.013 χ^2/NDF : 1648.6/36

Out: 0.869 ± 0.013 χ^2/NDF : 1810.2/38

All: 0.875 ± 0.009 χ^2/NDF : 3459.3/75

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.801+/-0.251 χ^2/NDF : 8643.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -34.073+/-0.249 χ^2/NDF : 8808.6/19

Left: -33.443+/-0.177 χ^2/NDF : 17464.7/40

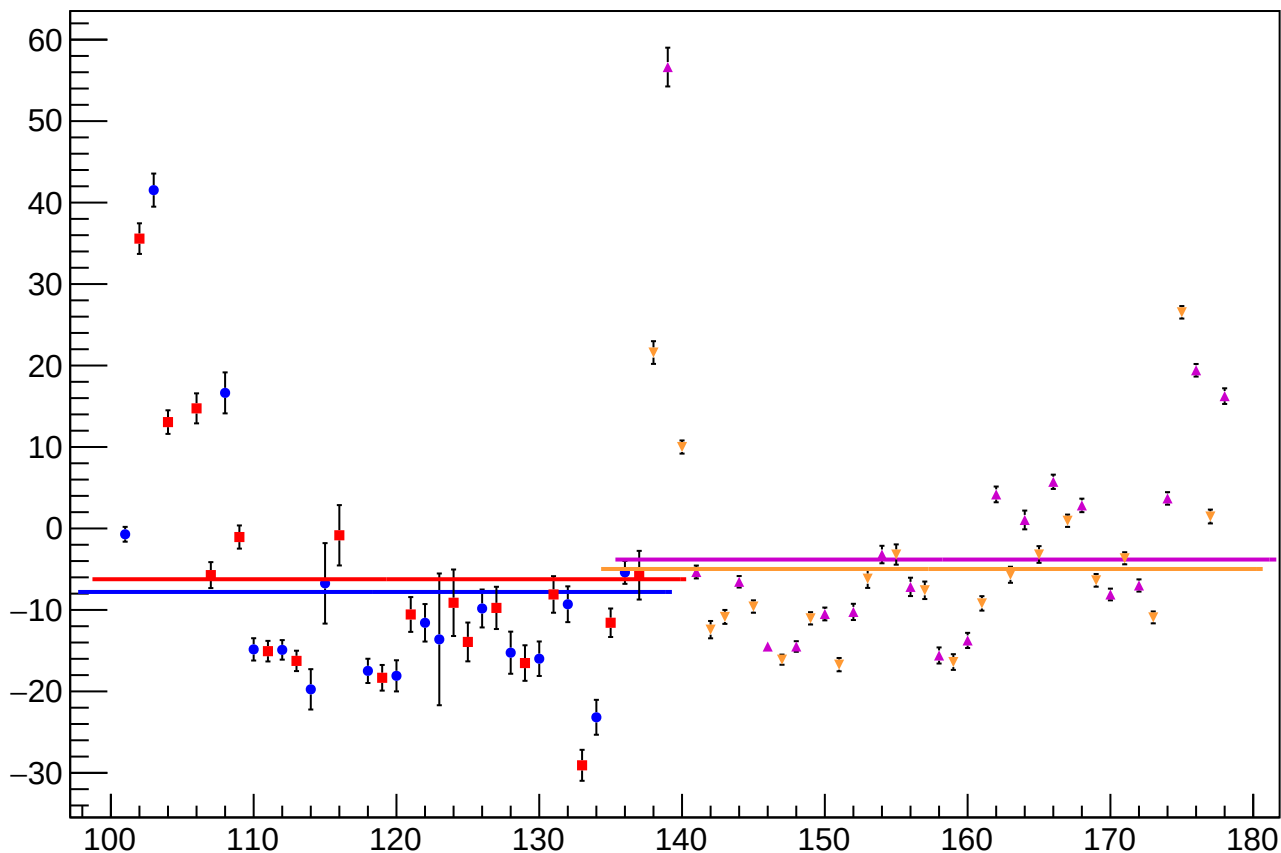
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.073+/-0.249 χ^2/NDF : 8808.6/19

Out: -32.801+/-0.251 χ^2/NDF : 8643.1/20

All: -33.443+/-0.177 χ^2/NDF : 17464.7/40

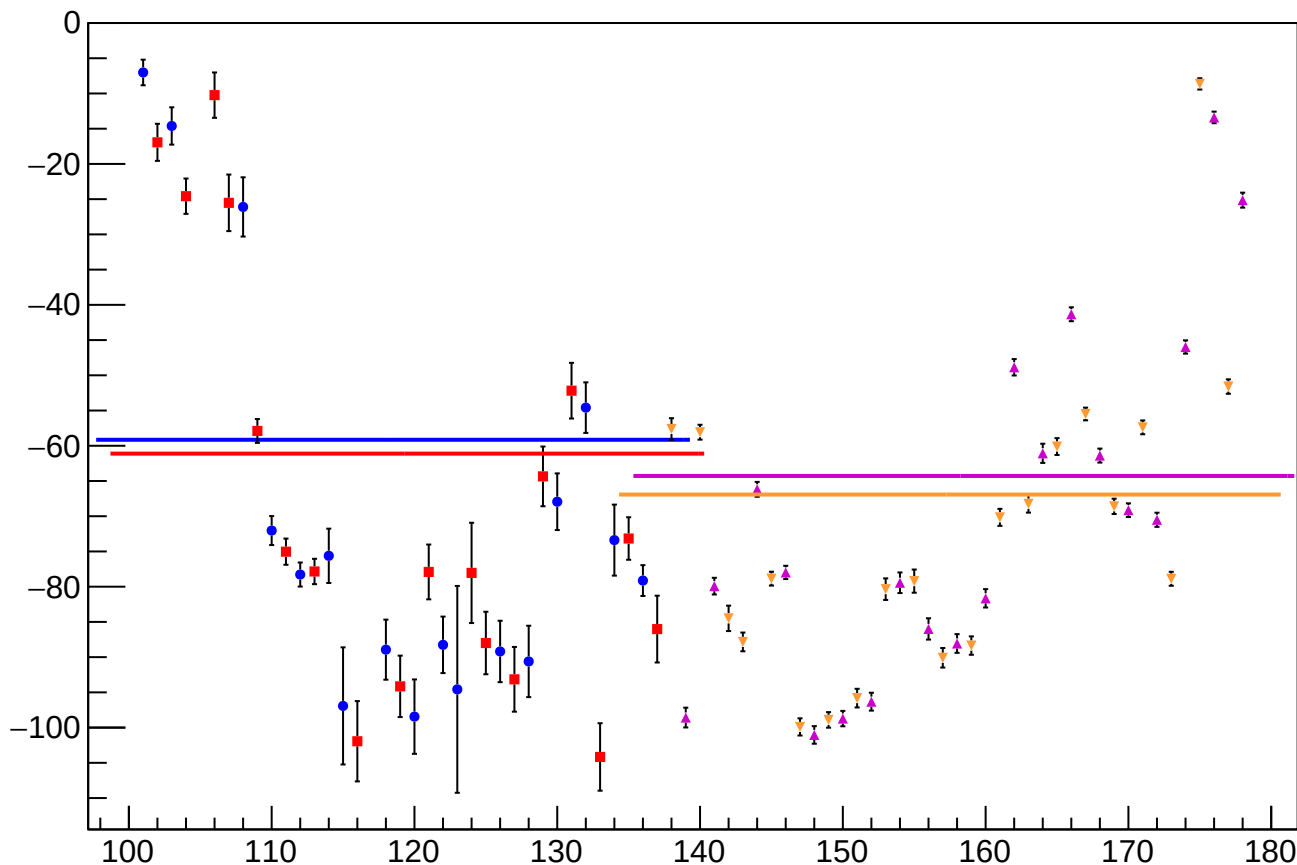
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -4.974 ± 0.187 χ^2/NDF : 3476.7/20
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -3.815 ± 0.189 χ^2/NDF : 3370.4/19

Left: -4.401 ± 0.133 χ^2/NDF : 6866.1/40
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -4.465 ± 0.173 χ^2/NDF : 4425.5/36
 Out: -5.174 ± 0.171 χ^2/NDF : 4666.9/38
 All: -4.822 ± 0.122 χ^2/NDF : 9100.8/75

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 $\pm$ 0.745 χ^2 /NDF: 1718.3/16

Left Out: -66.922 $\pm$ 0.251 χ^2 /NDF: 9291.2/20

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -64.285 $\pm$ 0.248 χ^2 /NDF: 10642.1/19

Left: -65.587 $\pm$ 0.176 χ^2 /NDF: 19989.2/40

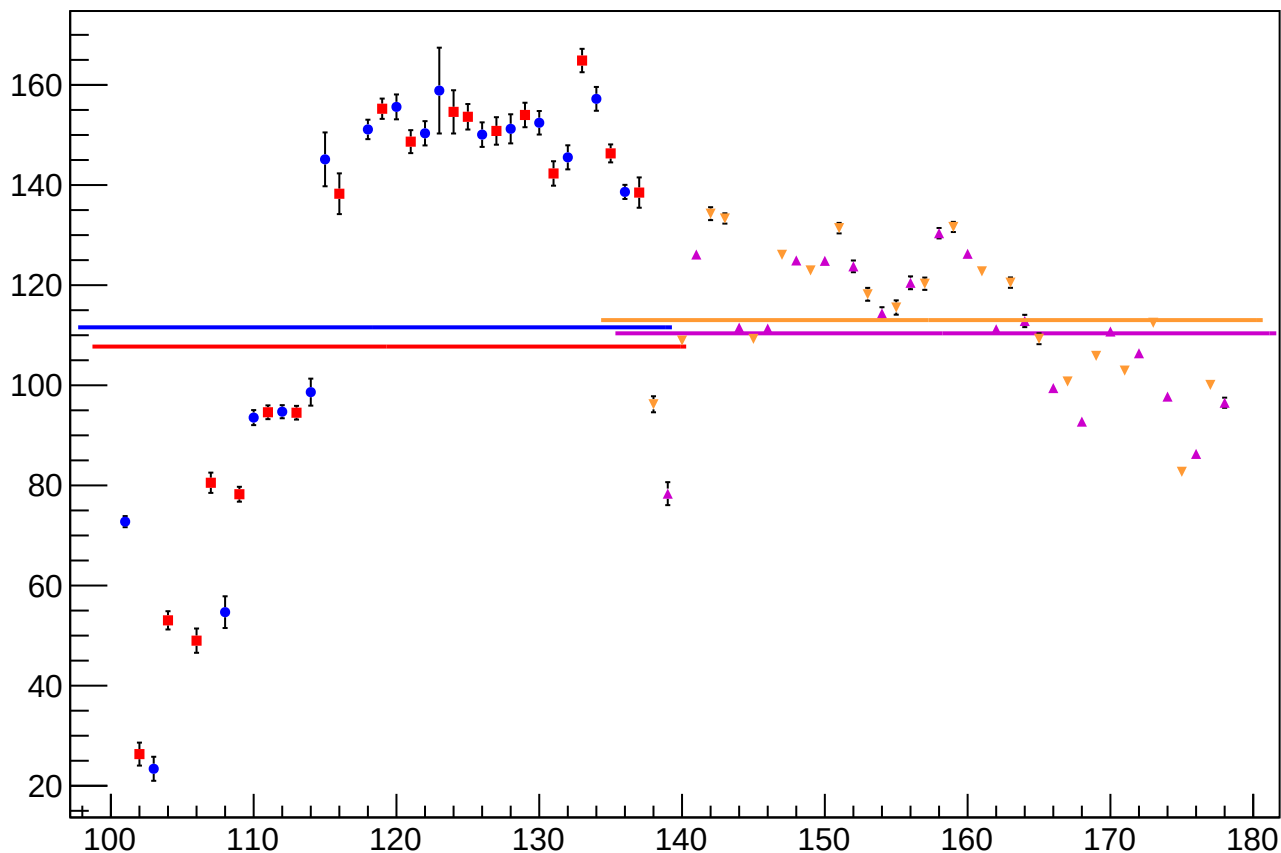
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -63.773 $\pm$ 0.235 χ^2 /NDF: 12403.2/36

Out: -66.272 $\pm$ 0.237 χ^2 /NDF: 10668.8/38

All: -65.015 $\pm$ 0.167 χ^2 /NDF: 23128.1/75

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.021 $\pm$ 0.214 χ^2 /NDF:4062.8/20

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 110.380 $\pm$ 0.215 χ^2 /NDF:3569.0/19

Left: 111.710 $\pm$ 0.152 χ^2 /NDF: 7707.7/40

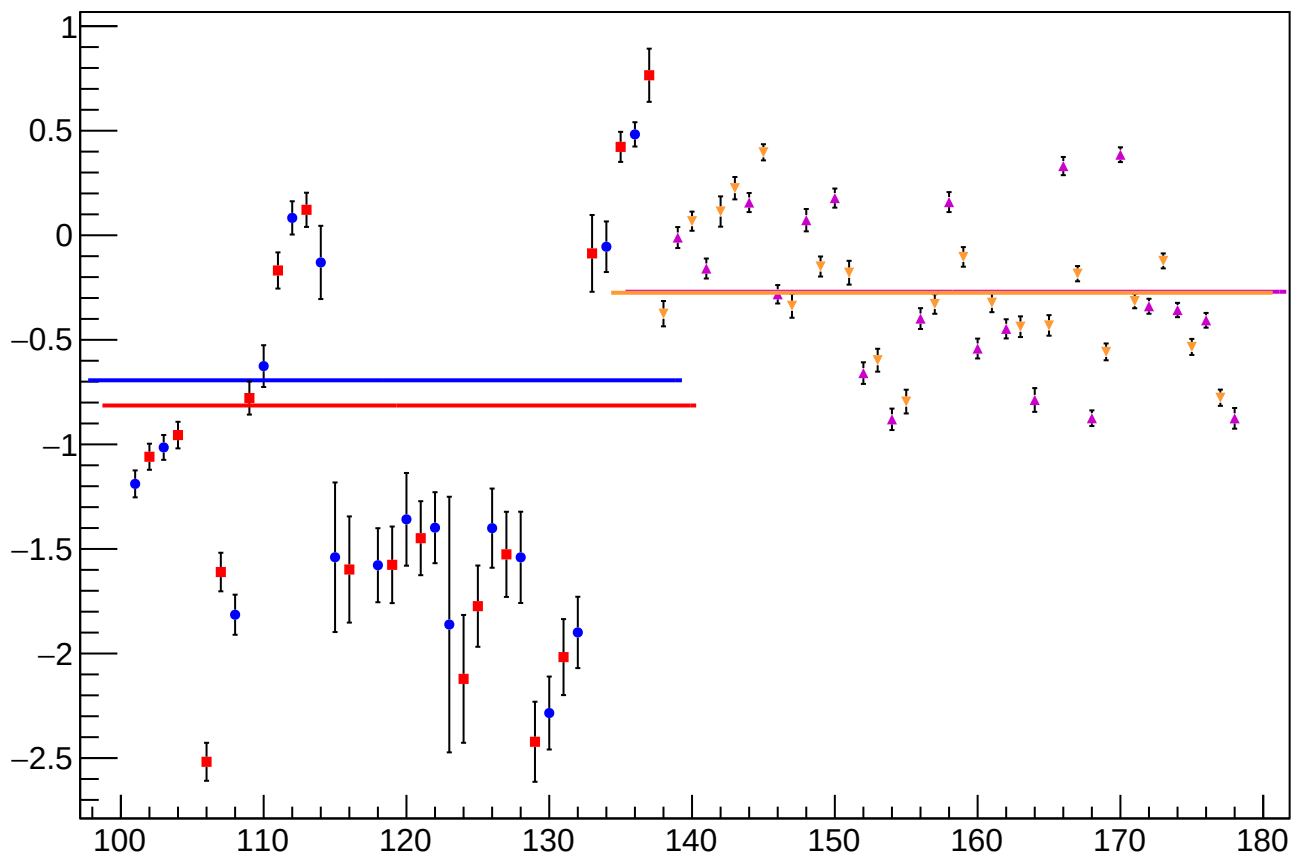
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 110.575 $\pm$ 0.197 χ^2 /NDF:9520.0/36

Out: 112.173 $\pm$ 0.196 χ^2 /NDF:10997.3/38

All: 111.379 $\pm$ 0.139 χ^2 /NDF: 20550.4/75

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.275 ± 0.010 χ^2/NDF : 931.1/20

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.270 ± 0.010 χ^2/NDF : 1642.7/19

Left: -0.272 ± 0.007 χ^2/NDF : 2573.9/40

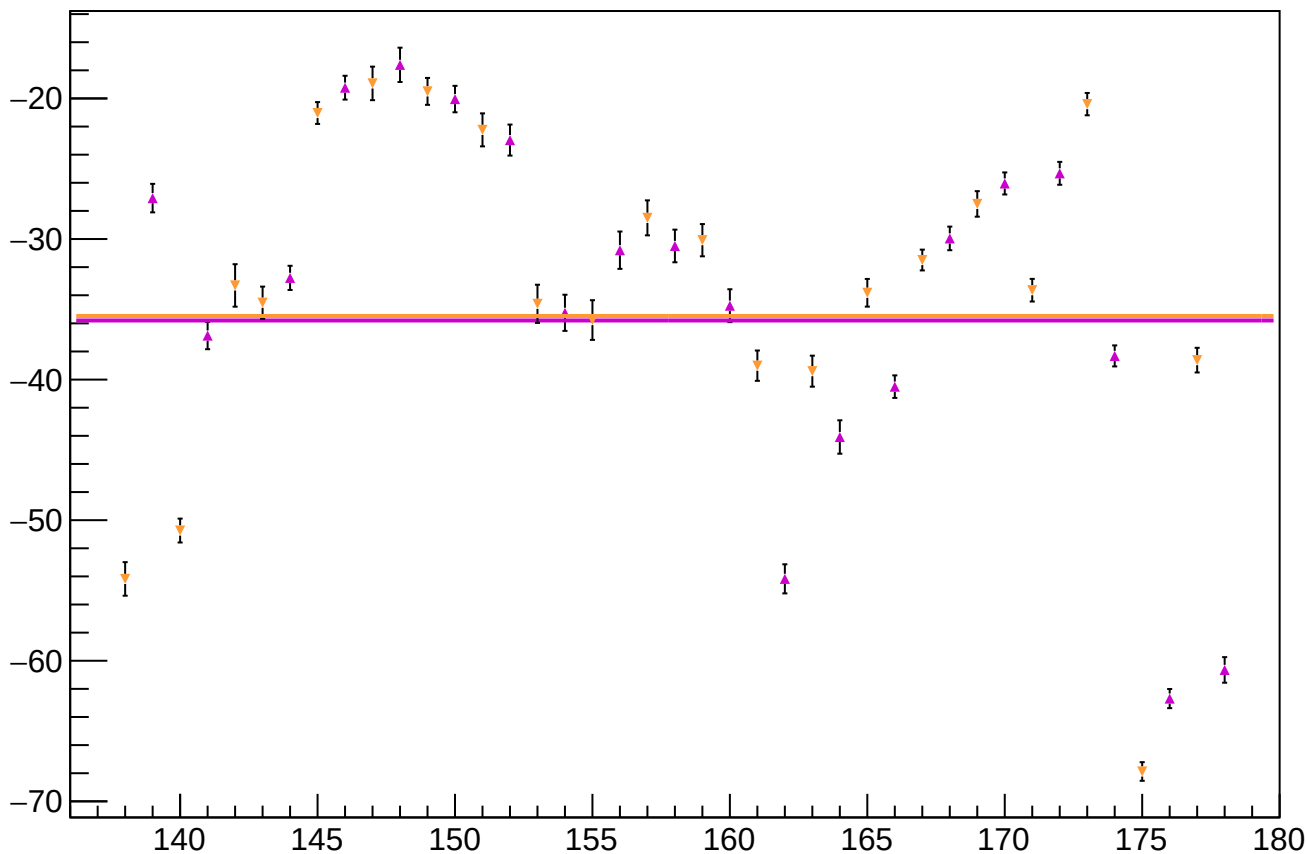
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.324 ± 0.009 χ^2/NDF : 2868.7/36

Out: -0.351 ± 0.009 χ^2/NDF : 2656.7/38

All: -0.337 ± 0.006 χ^2/NDF : 5529.7/75

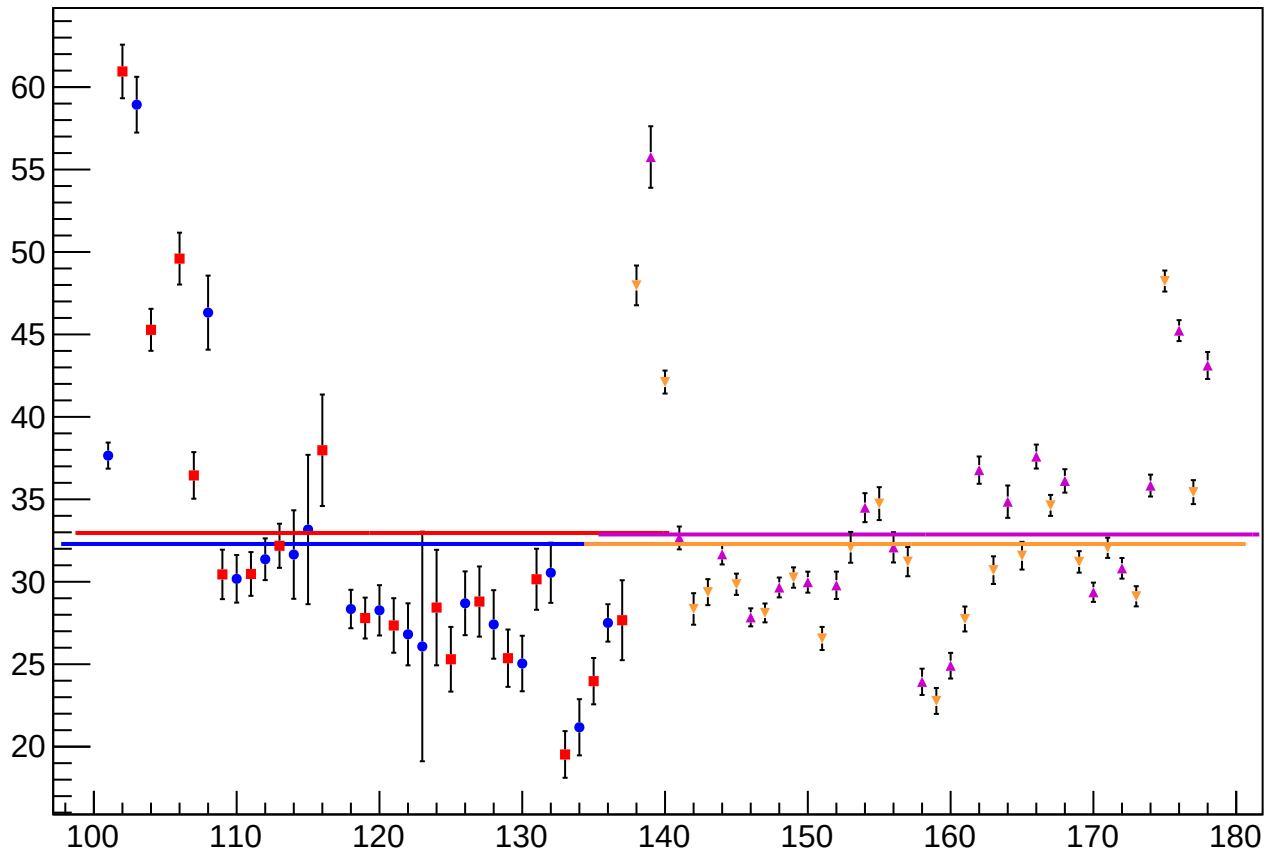
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.474+/-0.211 χ^2/NDF : 4470.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -35.794+/-0.209 χ^2/NDF : 4228.5/19

Left: -35.636+/-0.149 χ^2/NDF : 8700.3/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -35.794+/-0.209 χ^2/NDF : 4228.5/19
 Out: -35.474+/-0.211 χ^2/NDF : 4470.7/20
 All: -35.636+/-0.149 χ^2/NDF : 8700.3/40

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: 32.289 $\pm$ 0.159 χ^2 /NDF:1426.8/20

Right Out: 32.960 $\pm$ 0.380 χ^2 /NDF: 724.0/17

Left In: 32.869 $\pm$ 0.160 χ^2 /NDF:1228.4/19

Left: 32.576 $\pm$ 0.113 χ^2 /NDF: 2661.8/40

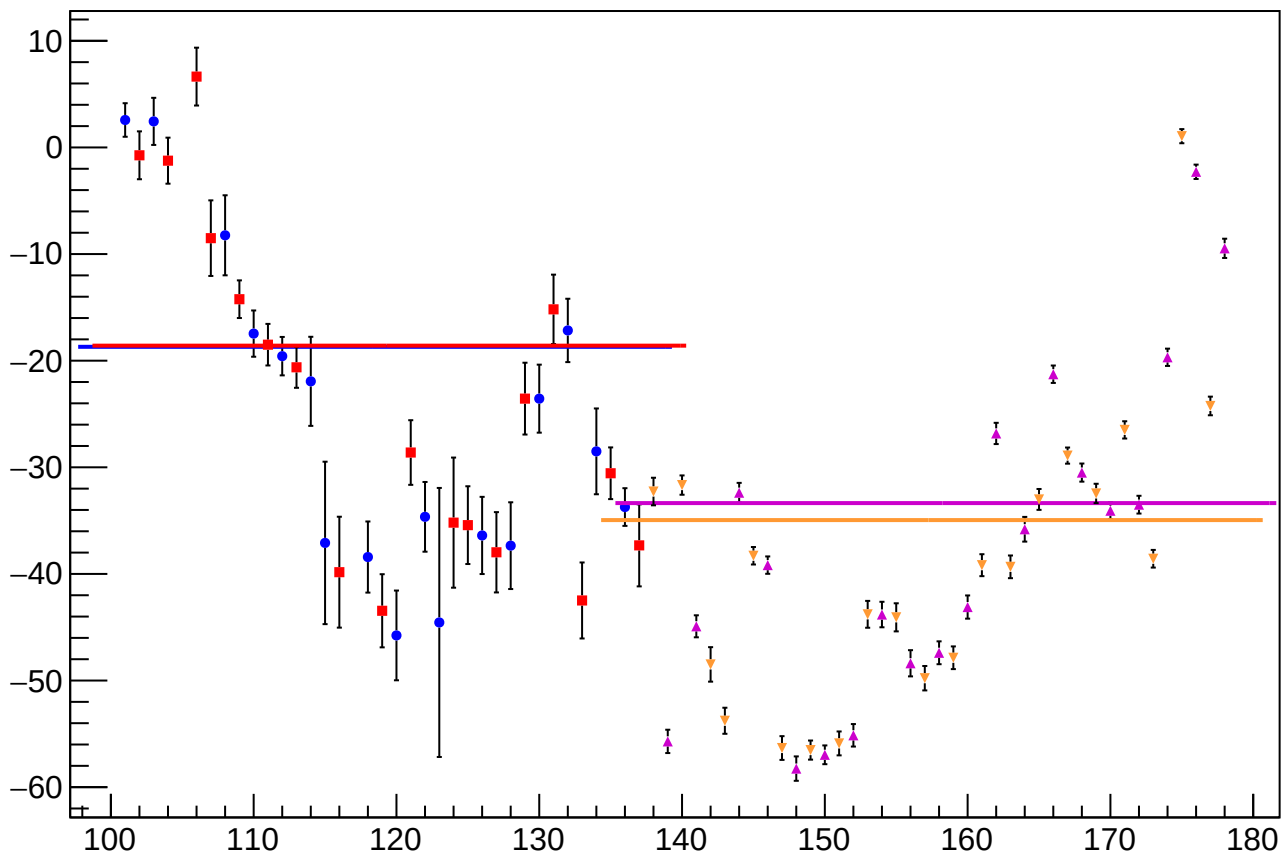
Right: 32.620 $\pm$ 0.266 χ^2 /NDF: 1178.1/34

In: 32.779 $\pm$ 0.147 χ^2 /NDF:1683.0/36

Out: 32.389 $\pm$ 0.146 χ^2 /NDF:2153.4/38

All: 32.582 $\pm$ 0.104 χ^2 /NDF: 3839.9/75

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -34.951 ± 0.211 χ^2/NDF : 5394.5/20

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -33.356 ± 0.208 χ^2/NDF : 6080.4/19

Left: -34.142 ± 0.148 χ^2/NDF : 11503.9/40

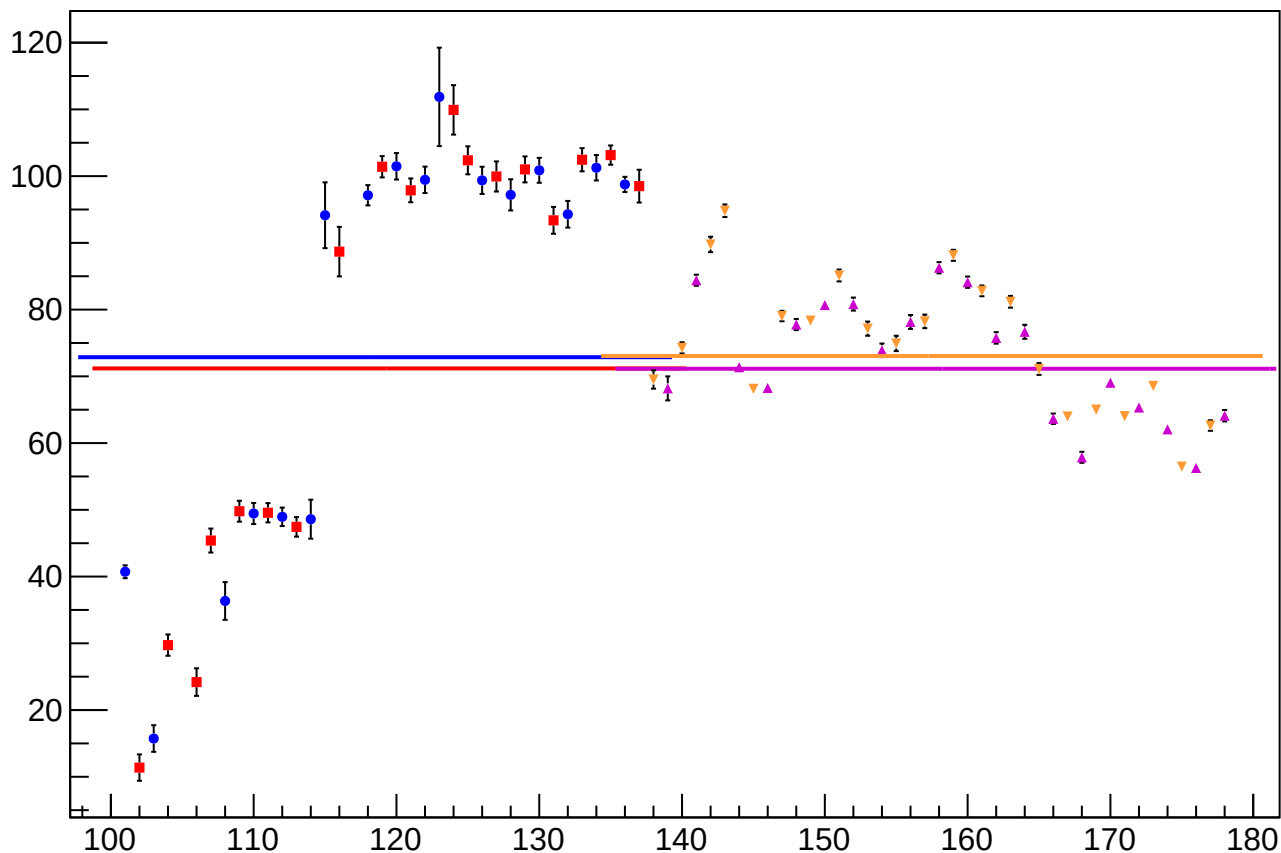
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -32.057 ± 0.198 χ^2/NDF : 7040.2/36

Out: -33.380 ± 0.201 χ^2/NDF : 6432.9/38

All: -32.711 ± 0.141 χ^2/NDF : 13495.1/75

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 73.051 $\pm$ 0.180 χ^2 /NDF: 2992.5/20

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 71.140 $\pm$ 0.181 χ^2 /NDF: 2416.8/19

Left: 72.101 $\pm$ 0.128 χ^2 /NDF: 5465.1/40

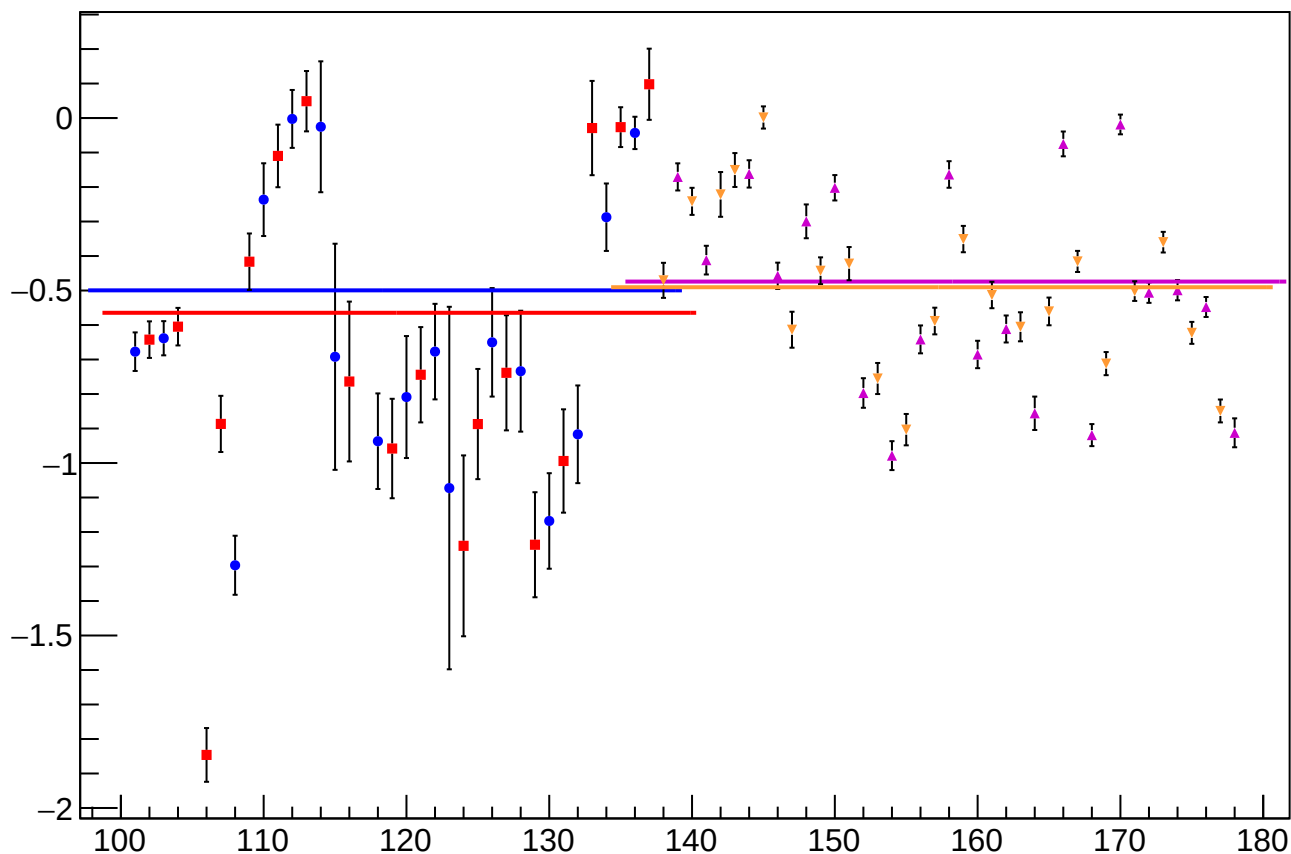
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 71.405 $\pm$ 0.167 χ^2 /NDF: 7157.9/36

Out: 72.777 $\pm$ 0.167 χ^2 /NDF: 8383.3/38

All: 72.092 $\pm$ 0.118 χ^2 /NDF: 15575.0/75

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.490 ± 0.008 χ^2/NDF : 699.0/20

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.474 ± 0.008 χ^2/NDF : 1266.6/19

Left: -0.482 ± 0.006 χ^2/NDF : 1967.6/40

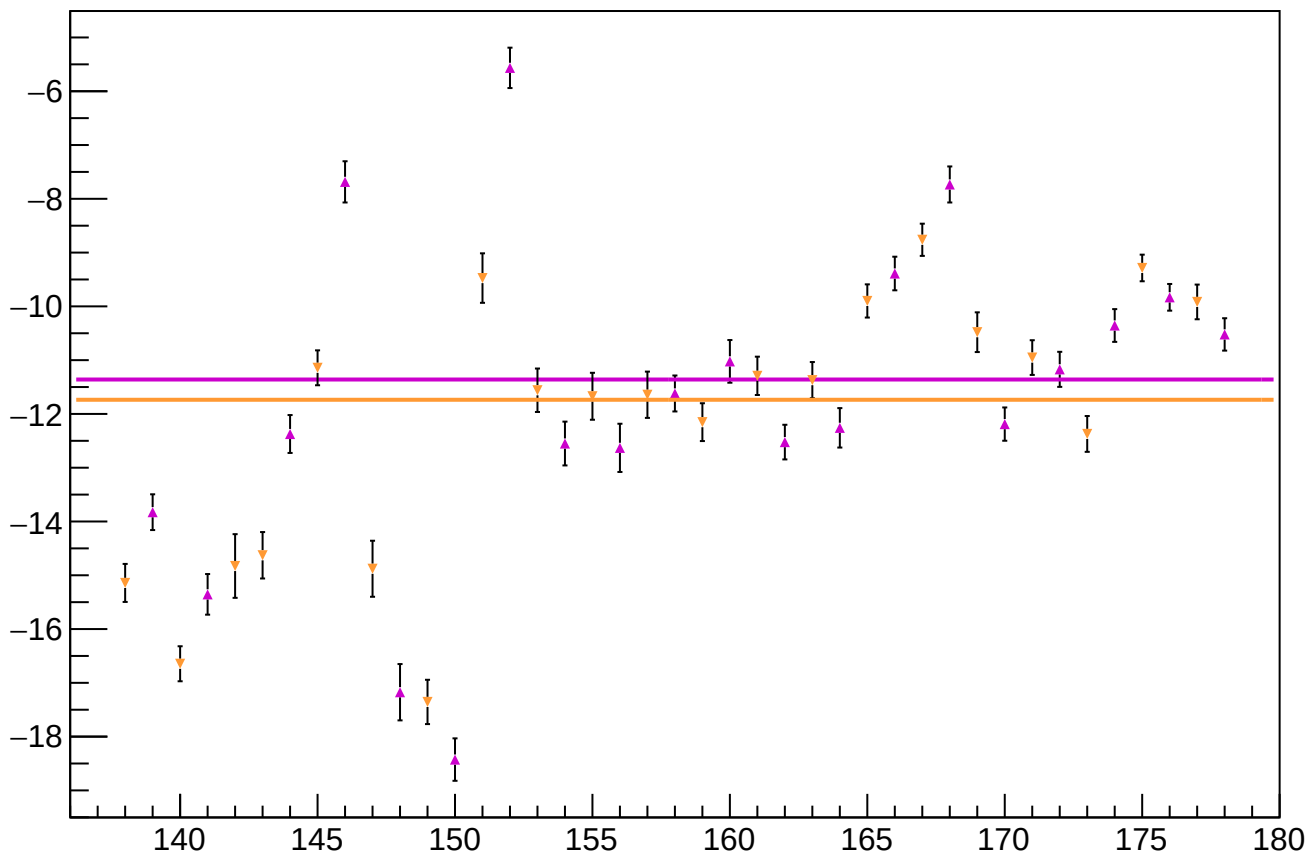
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.477 ± 0.008 χ^2/NDF : 1570.3/36

Out: -0.500 ± 0.008 χ^2/NDF : 1268.7/38

All: -0.488 ± 0.005 χ^2/NDF : 2843.5/75

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.737+/-0.078 χ^2/NDF : 932.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.360+/-0.077 χ^2/NDF : 1207.3/19

Left: -11.546+/-0.055 χ^2/NDF : 2151.2/40

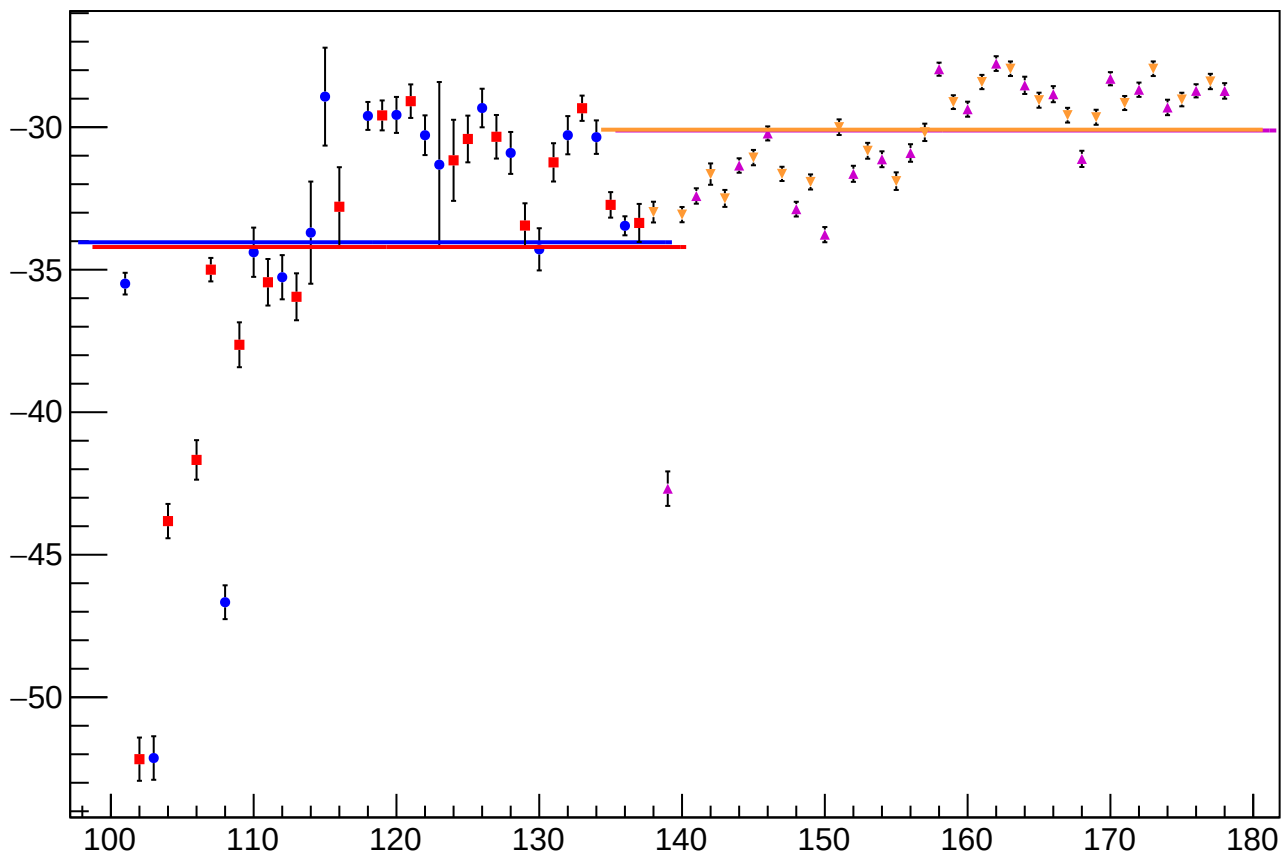
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.360+/-0.077 χ^2/NDF : 1207.3/19

Out: -11.737+/-0.078 χ^2/NDF : 932.0/20

All: -11.546+/-0.055 χ^2/NDF : 2151.2/40

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.088 ± 0.059 χ^2/NDF : 706.6/20

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.116 ± 0.060 χ^2/NDF : 1280.1/19

Left: -30.102 ± 0.042 χ^2/NDF : 1986.8/40

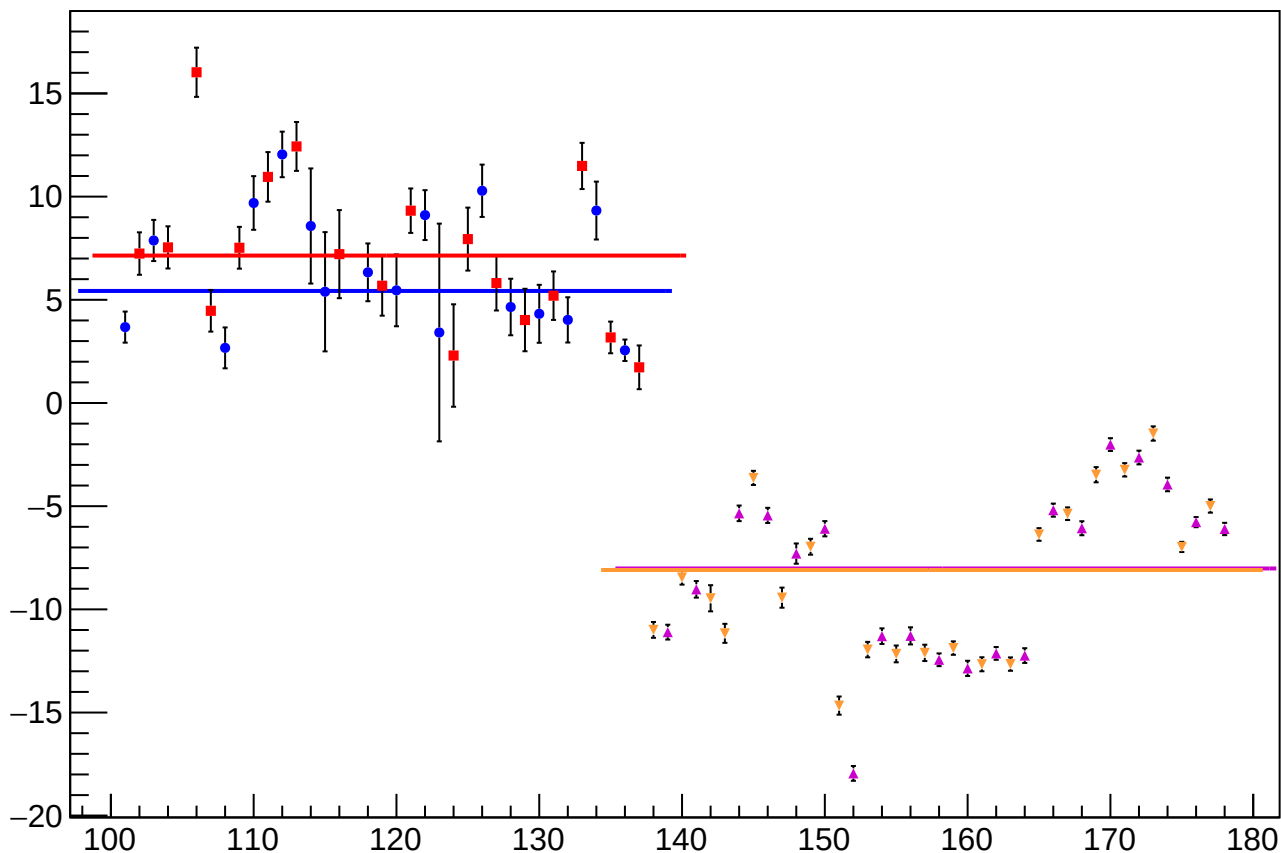
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.652 ± 0.056 χ^2/NDF : 3206.4/36

Out: -30.636 ± 0.055 χ^2/NDF : 2673.5/38

All: -30.643 ± 0.039 χ^2/NDF : 5879.9/75

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.092 ± 0.077 χ^2/NDF : 2304.1/20

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -8.018 ± 0.076 χ^2/NDF : 2828.4/19

Left: -8.055 ± 0.054 χ^2/NDF : 5132.9/40

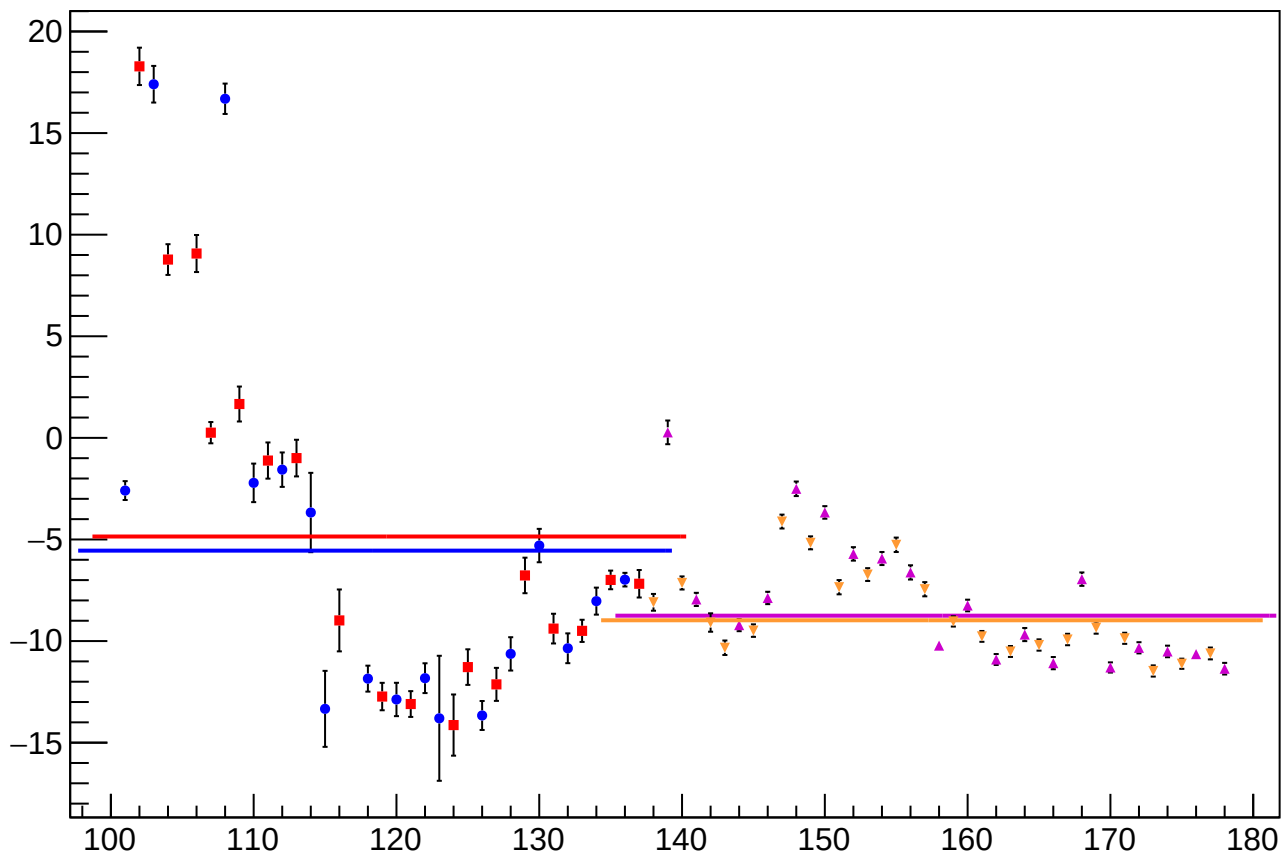
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -7.021 ± 0.073 χ^2/NDF : 5259.5/36

Out: -6.971 ± 0.075 χ^2/NDF : 5327.2/38

All: -6.996 ± 0.052 χ^2/NDF : 10586.9/75

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.977 ± 0.067 χ^2/NDF : 868.3/20

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.751 ± 0.067 χ^2/NDF : 1544.3/19

Left: -8.865 ± 0.047 χ^2/NDF : 2418.4/40

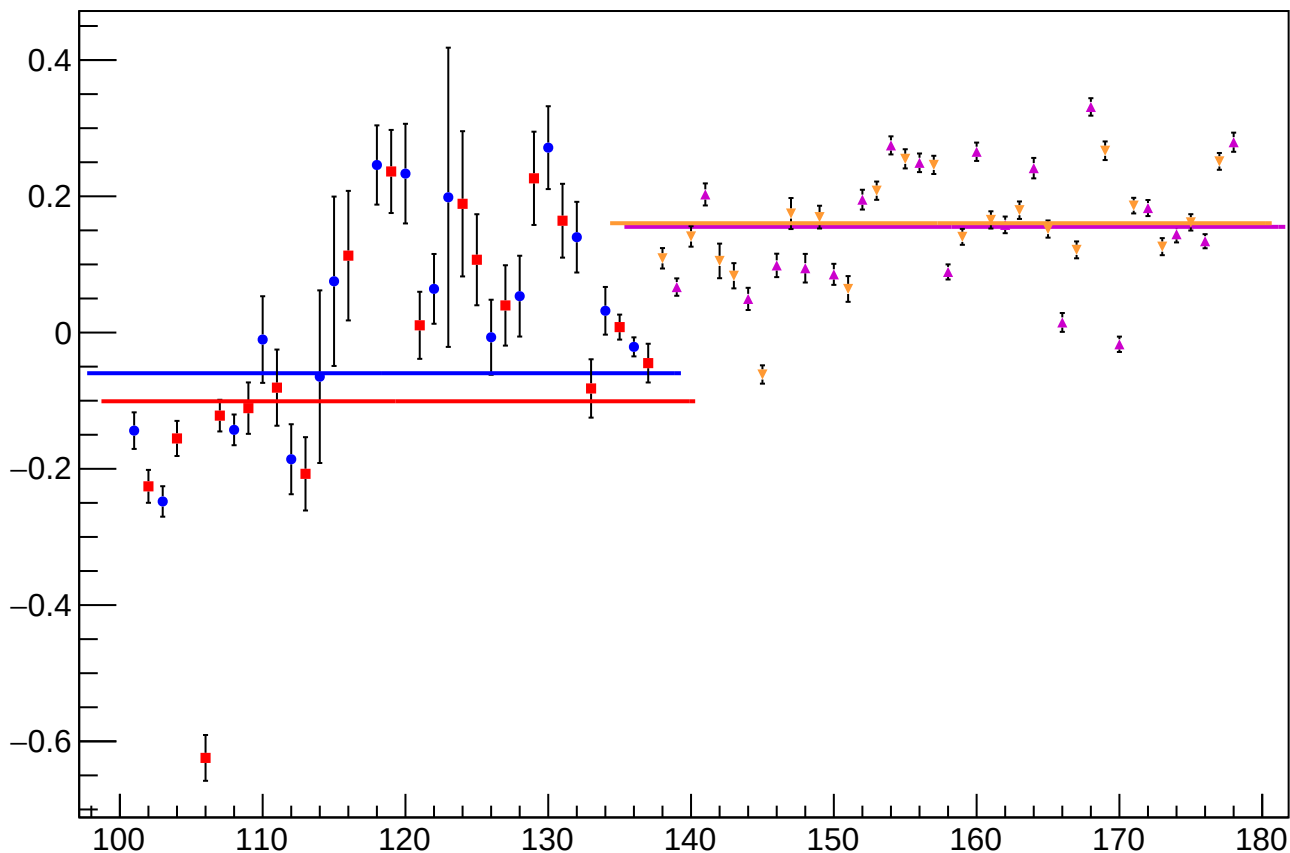
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.319 ± 0.062 χ^2/NDF : 3977.3/36

Out: -8.445 ± 0.062 χ^2/NDF : 3376.9/38

All: -8.382 ± 0.044 χ^2/NDF : 7356.2/75

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.161 ± 0.003 χ^2/NDF : 577.0/20

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.155 ± 0.003 χ^2/NDF : 1023.5/19

Left: 0.158 ± 0.002 χ^2/NDF : 1602.1/40

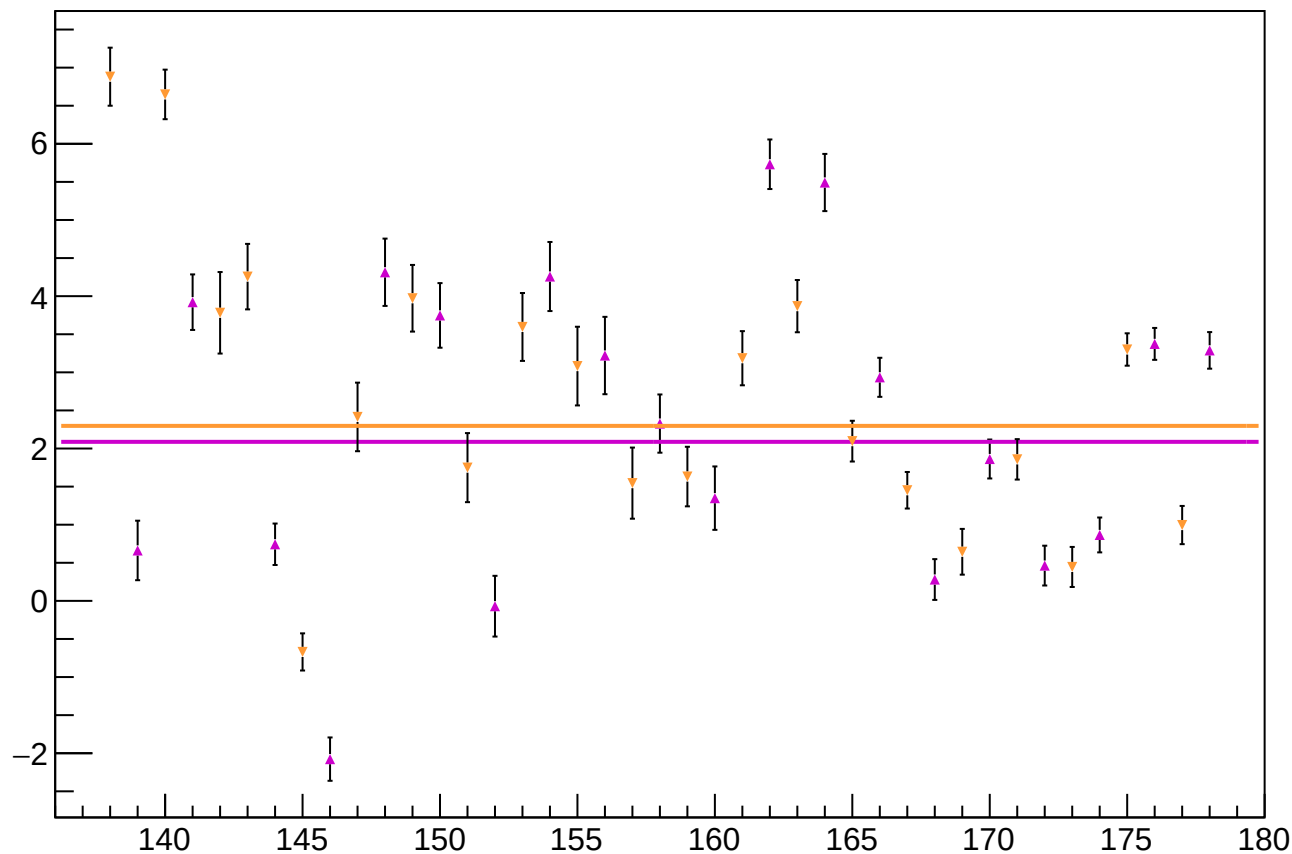
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.131 ± 0.003 χ^2/NDF : 1821.3/36

Out: 0.131 ± 0.003 χ^2/NDF : 1854.2/38

All: 0.131 ± 0.002 χ^2/NDF : 3675.4/75

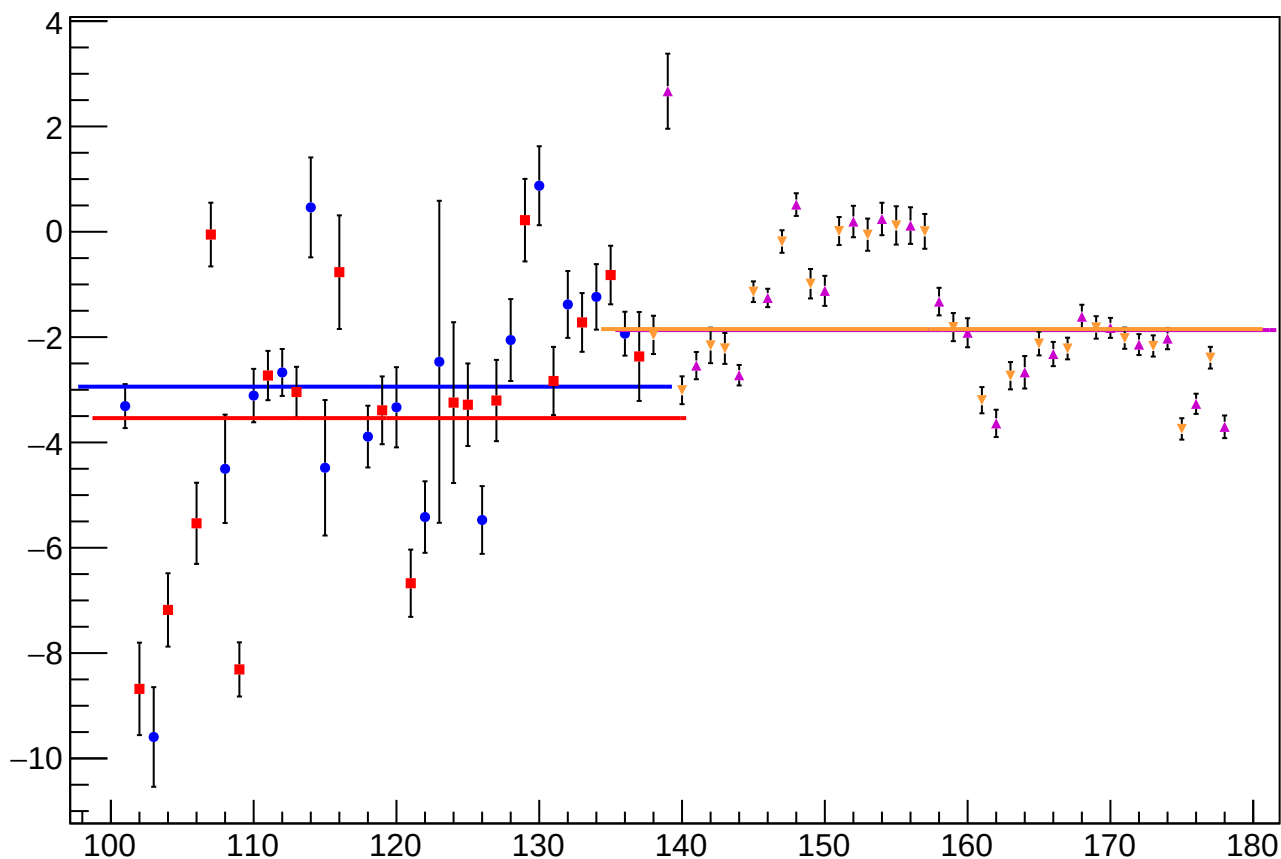
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.297+/-0.070 χ^2/NDF : 704.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.088+/-0.068 χ^2/NDF : 773.6/19

Left: 2.190+/-0.049 χ^2/NDF : 1482.8/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.088+/-0.068 χ^2/NDF : 773.6/19
 Out: 2.297+/-0.070 χ^2/NDF : 704.7/20
 All: 2.190+/-0.049 χ^2/NDF : 1482.8/40

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.848 ± 0.053 χ^2/NDF : 391.7/20

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.867 ± 0.053 χ^2/NDF : 527.1/19

Left: -1.857 ± 0.038 χ^2/NDF : 918.9/40

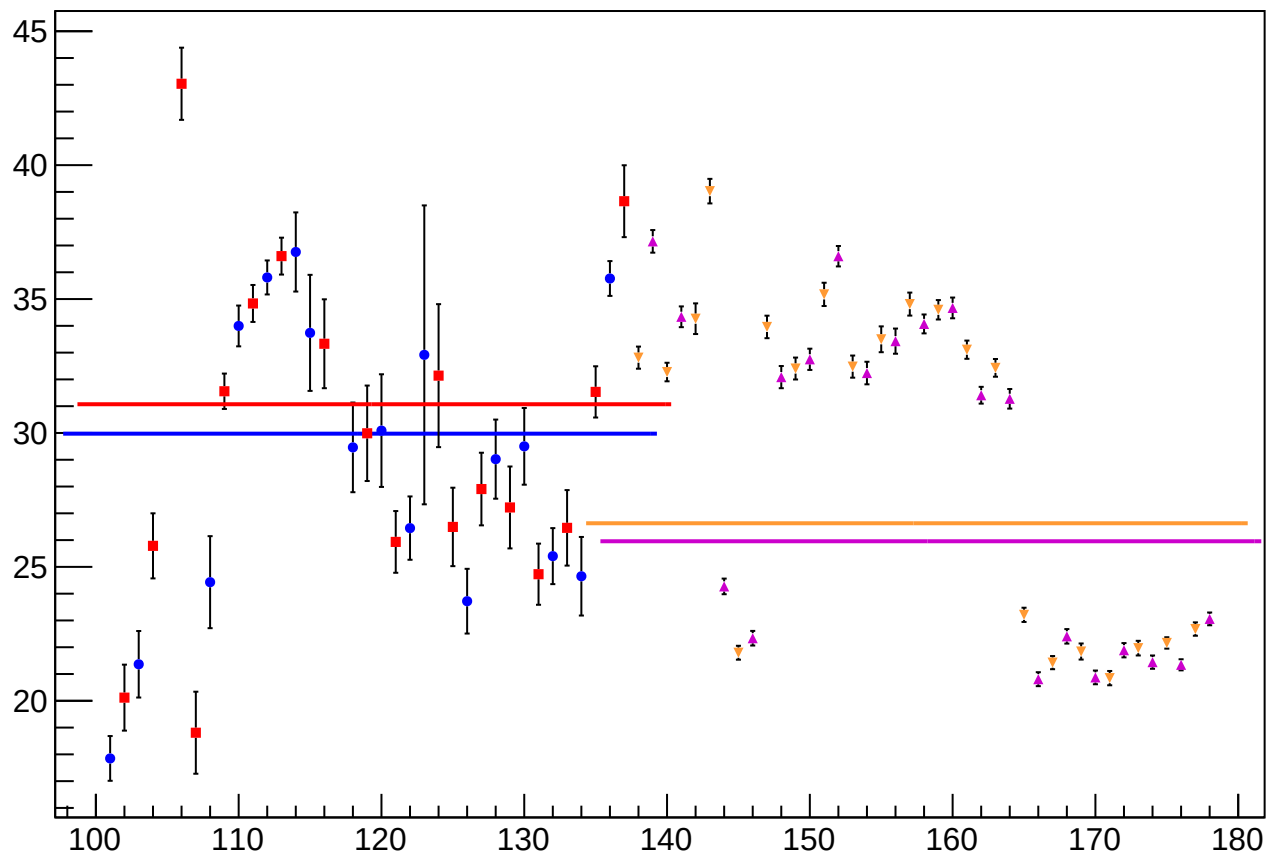
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.980 ± 0.050 χ^2/NDF : 716.1/36

Out: -2.027 ± 0.050 χ^2/NDF : 782.1/38

All: -2.003 ± 0.035 χ^2/NDF : 1498.7/75

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974+/-0.267 χ^2/NDF : 553.9/16

Left Out: 26.629+/-0.070 χ^2/NDF : 6874.9/20

Right Out: 31.073+/-0.260 χ^2/NDF : 453.4/17

Left In: 25.957+/-0.068 χ^2/NDF : 6856.8/19

Left: 26.283+/-0.049 χ^2/NDF : 13778.6/40

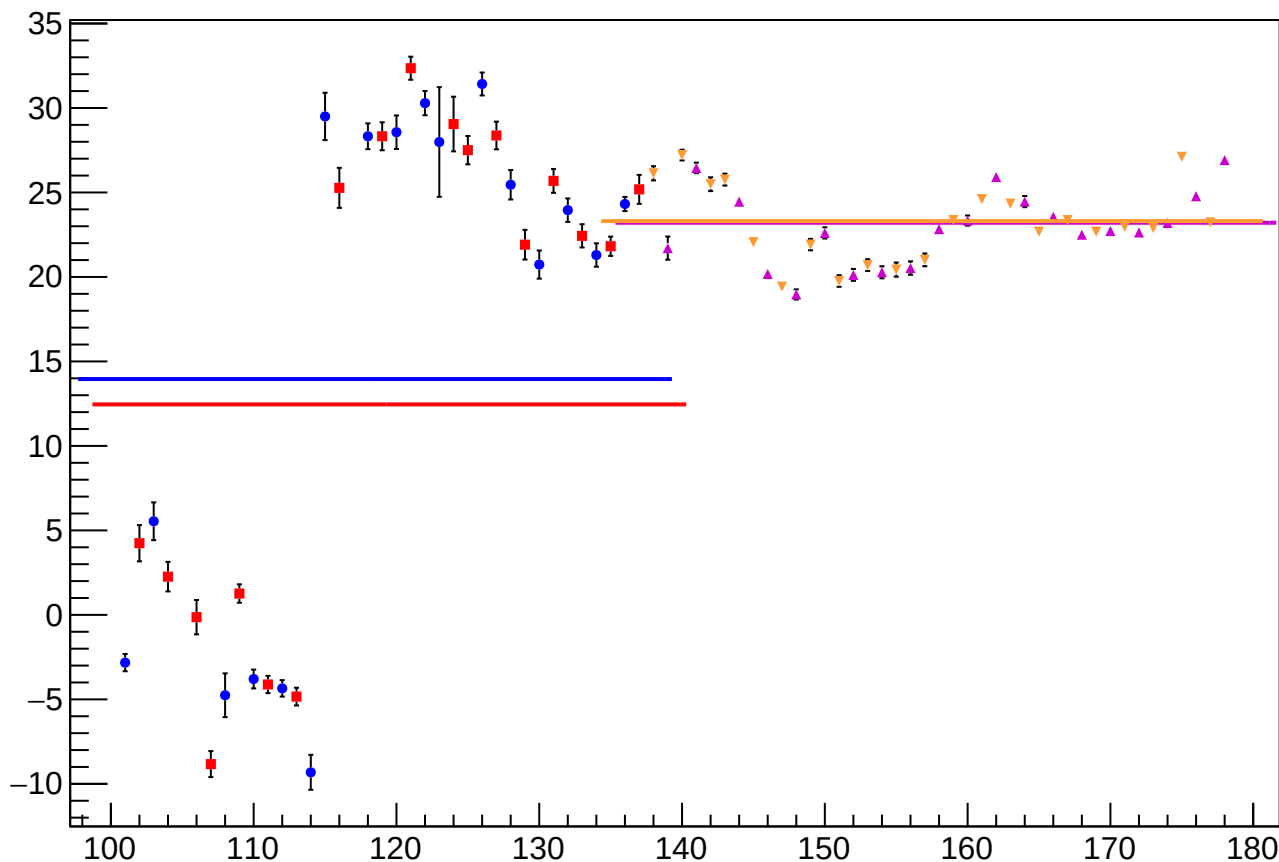
Right: 30.537+/-0.187 χ^2/NDF : 1016.0/34

In: 26.204+/-0.066 χ^2/NDF : 7622.8/36

Out: 26.931+/-0.068 χ^2/NDF : 7599.6/38

All: 26.558+/-0.047 χ^2/NDF : 15281.2/75

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.307 $\pm$ 0.060 χ^2 /NDF:1112.4/20

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.208 $\pm$ 0.060 χ^2 /NDF:1188.2/19

Left: 23.257 $\pm$ 0.042 χ^2 /NDF: 2301.9/40

Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.220 $\pm$ 0.056 χ^2 /NDF:11111.5/36

Out: 22.146 $\pm$ 0.057 χ^2 /NDF:11574.8/38

All: 22.183 $\pm$ 0.040 χ^2 /NDF: 22687.1/75

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.116 ± 0.003 $\chi^2/\text{NDF}: 223.8/20$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.109 ± 0.003 $\chi^2/\text{NDF}: 317.4/19$

Left: -0.112 ± 0.002 $\chi^2/\text{NDF}: 544.5/40$

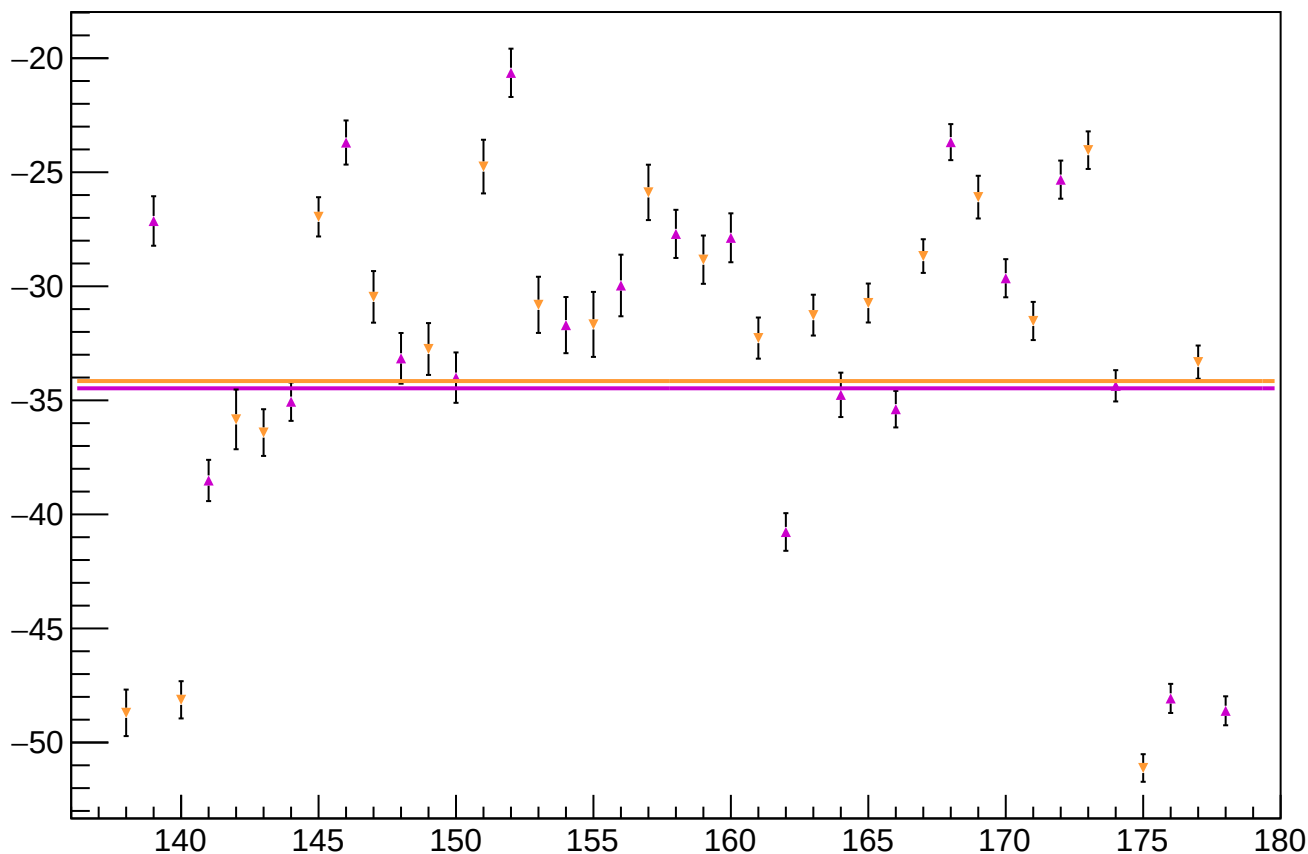
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.085 ± 0.003 $\chi^2/\text{NDF}: 2199.8/36$

Out: -0.095 ± 0.003 $\chi^2/\text{NDF}: 3922.6/38$

All: -0.090 ± 0.002 $\chi^2/\text{NDF}: 6130.2/75$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -34.473 $\pm$ 0.197 χ^2/NDF :1806.6/19

Left: -34.317 $\pm$ 0.141 χ^2/NDF : 3647.1/40

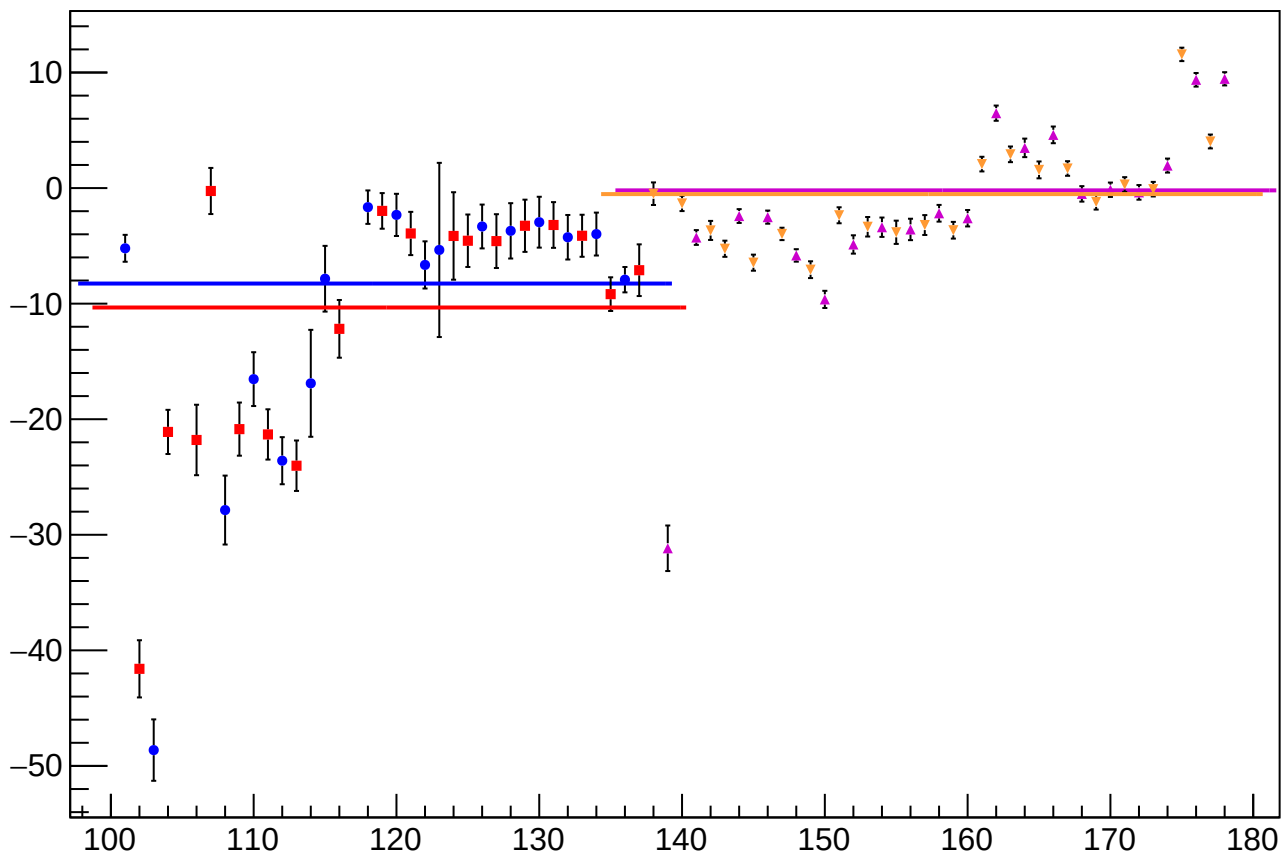
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -34.473 $\pm$ 0.197 χ^2/NDF :1806.6/19

Out: -34.155 $\pm$ 0.201 χ^2/NDF :1839.3/20

All: -34.317 $\pm$ 0.141 χ^2/NDF : 3647.1/40

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -0.521 ± 0.151 χ^2/NDF : 870.5/20

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -0.198 ± 0.151 χ^2/NDF : 1397.6/19

Left: -0.360 ± 0.107 χ^2/NDF : 2270.3/40

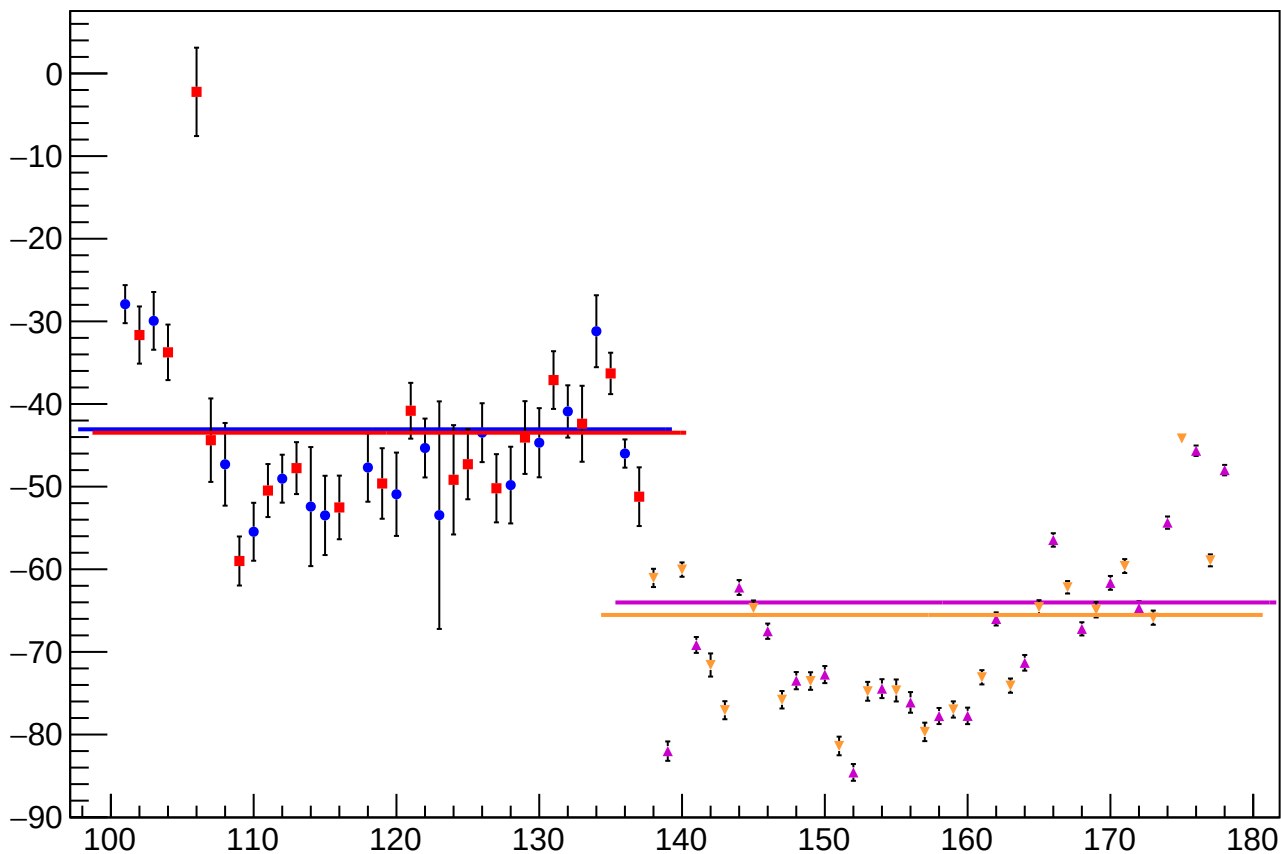
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -0.979 ± 0.144 χ^2/NDF : 2083.8/36

Out: -1.365 ± 0.144 χ^2/NDF : 1646.2/38

All: -1.172 ± 0.102 χ^2/NDF : 3733.6/75

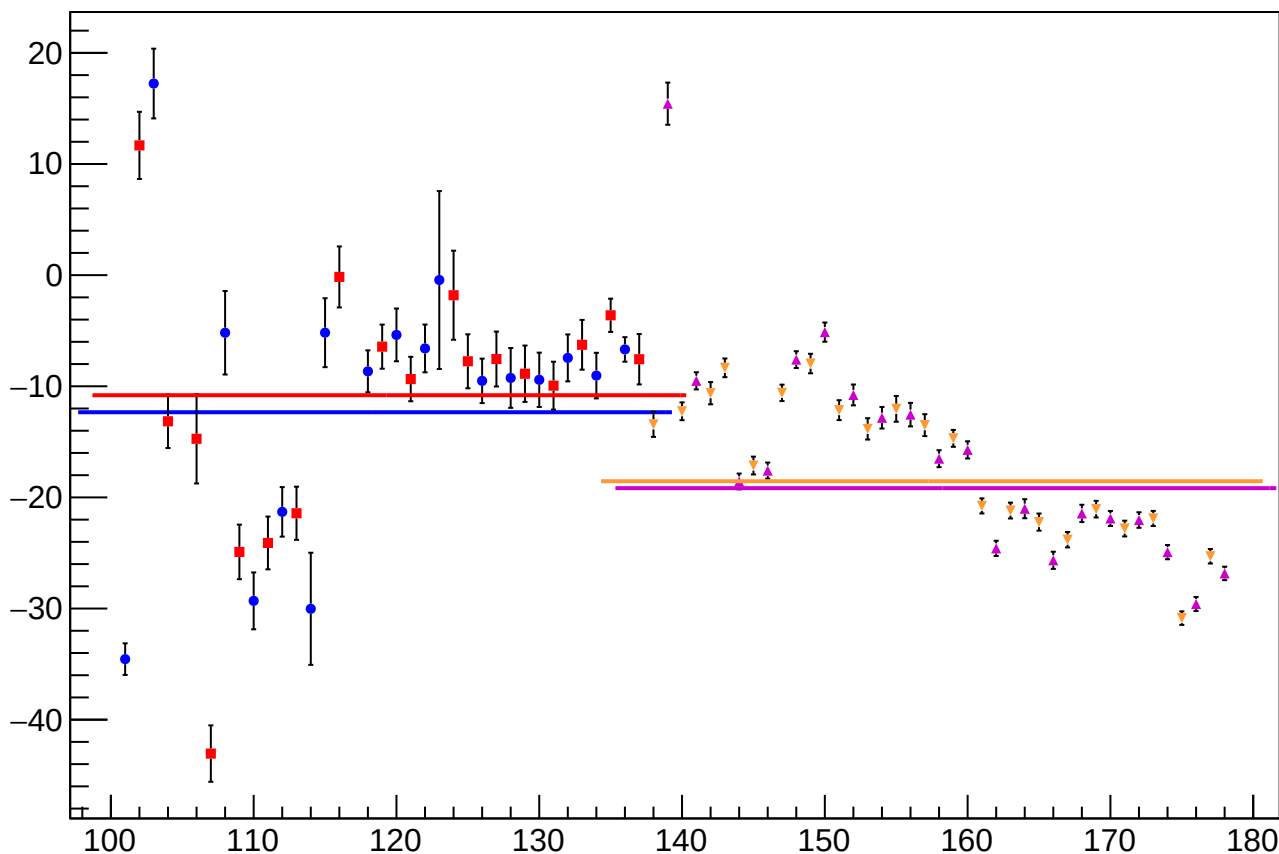
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -65.527 ± 0.201 $\chi^2/\text{NDF}: 2517.8/20$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -64.016 ± 0.196 $\chi^2/\text{NDF}: 3248.1/19$

Left: -64.755 ± 0.140 $\chi^2/\text{NDF}: 5794.8/40$
 Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$
 In: -62.918 ± 0.191 $\chi^2/\text{NDF}: 3943.3/36$
 Out: -64.408 ± 0.196 $\chi^2/\text{NDF}: 3271.9/38$
 All: -63.646 ± 0.137 $\chi^2/\text{NDF}: 7244.8/75$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -18.544 ± 0.171 χ^2/NDF : 1405.4/20

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -19.168 ± 0.171 χ^2/NDF : 1879.3/19

Left: -18.856 ± 0.121 χ^2/NDF : 3291.4/40

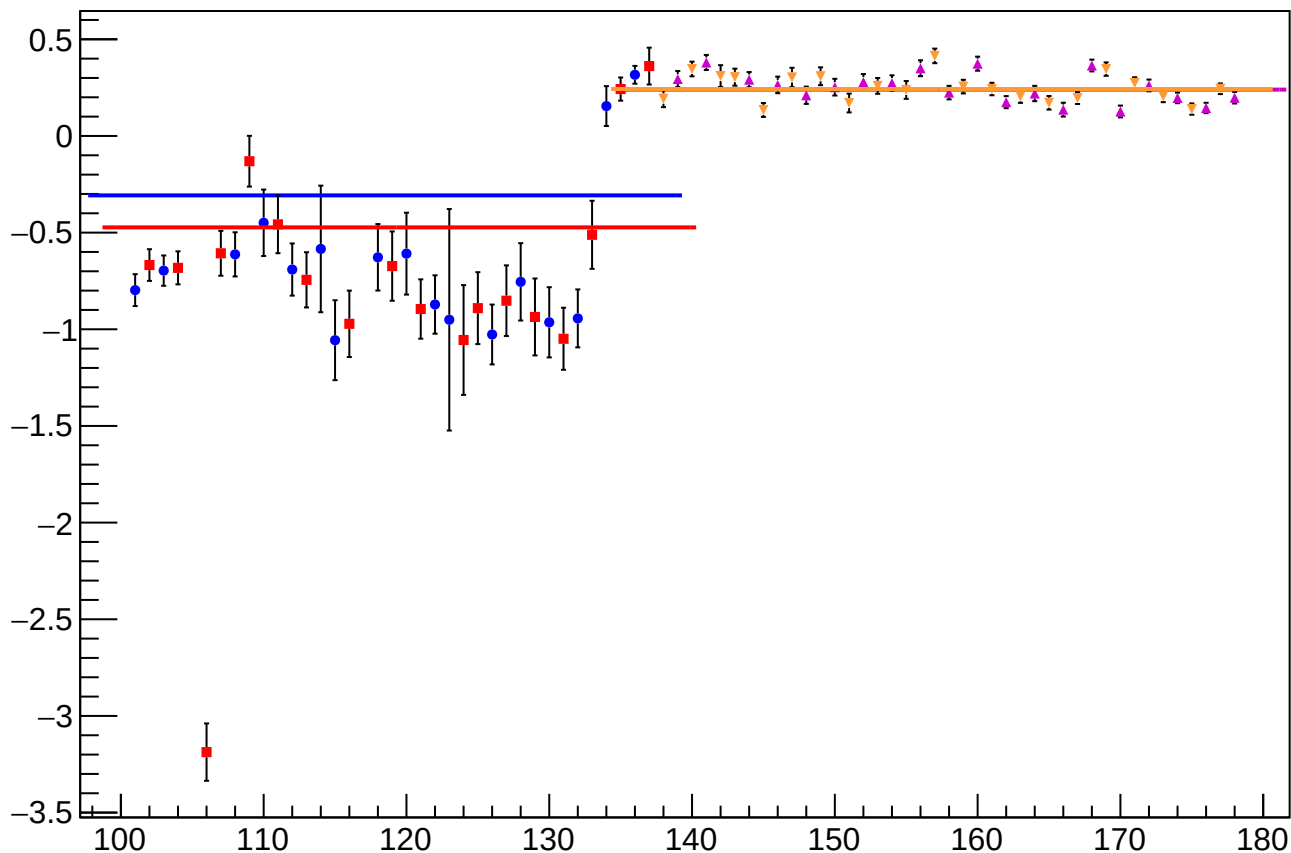
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -18.501 ± 0.163 χ^2/NDF : 2510.0/36

Out: -17.869 ± 0.164 χ^2/NDF : 1945.2/38

All: -18.187 ± 0.115 χ^2/NDF : 4462.7/75

reg_asym_sam_24_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.243 ± 0.008 χ^2/NDF : 79.4/20

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.240 ± 0.008 χ^2/NDF : 100.9/19

Left: 0.241 ± 0.006 χ^2/NDF : 180.4/40

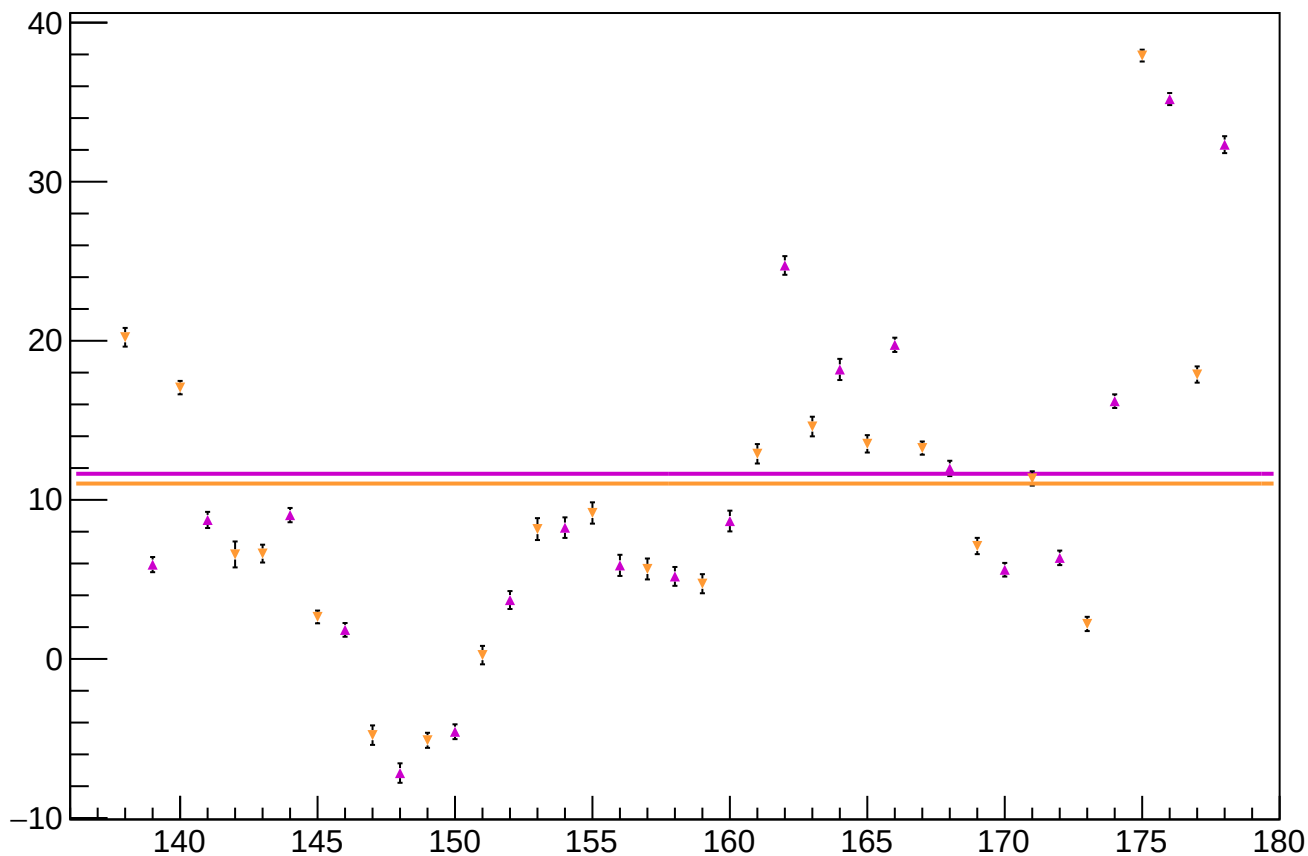
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.199 ± 0.008 χ^2/NDF : 838.6/36

Out: 0.192 ± 0.008 χ^2/NDF : 1286.9/38

All: 0.195 ± 0.005 χ^2/NDF : 2125.9/75

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 11.025 $\pm$ 0.113 χ^2 /NDF:9285.1/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 11.640 $\pm$ 0.112 χ^2 /NDF:10067.2/19

Left: 11.335 $\pm$ 0.080 χ^2 /NDF: 19367.3/40

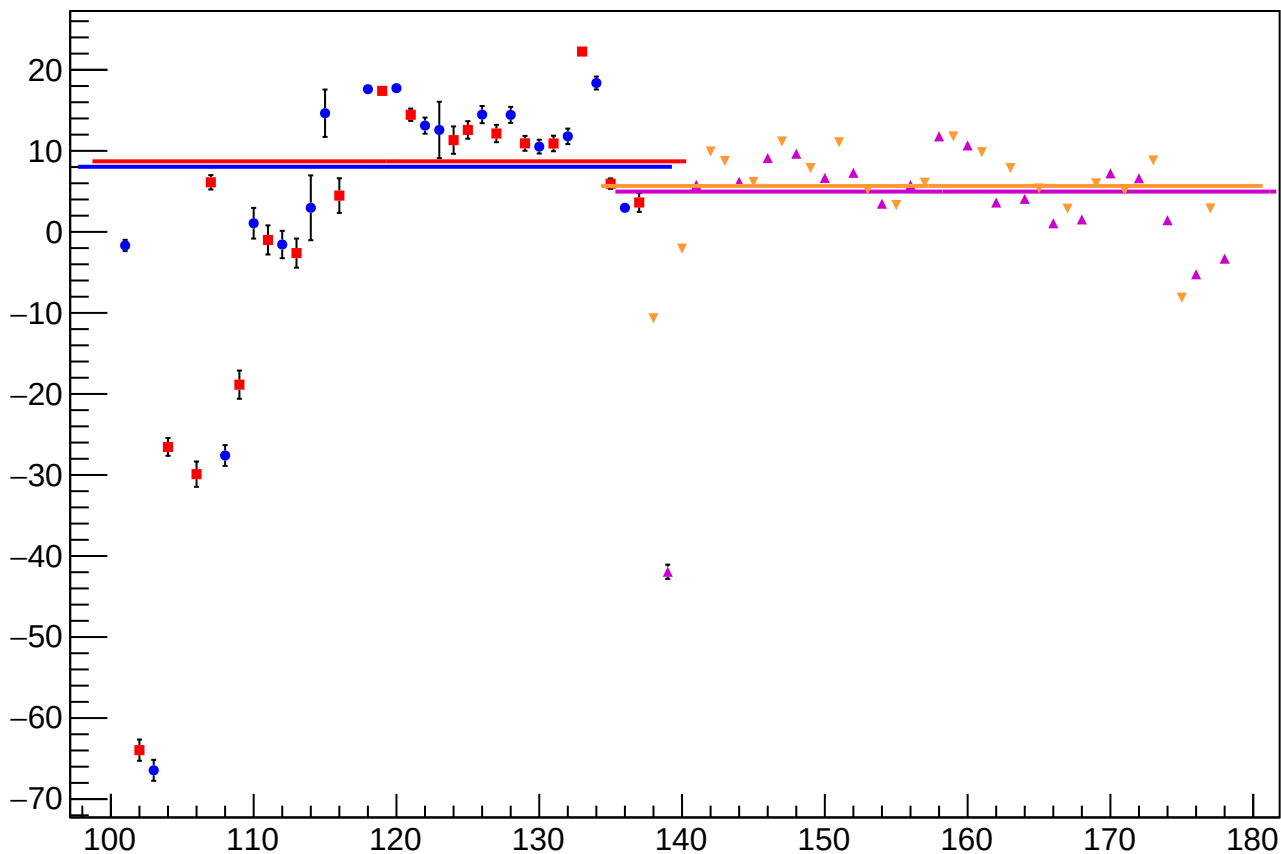
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 11.640 $\pm$ 0.112 χ^2 /NDF:10067.2/19

Out: 11.025 $\pm$ 0.113 χ^2 /NDF:9285.1/20

All: 11.335 $\pm$ 0.080 χ^2 /NDF: 19367.3/40

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 5.673 ± 0.084 $\chi^2/\text{NDF}: 4057.0/20$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 4.972 ± 0.086 $\chi^2/\text{NDF}: 5316.3/19$

Left: 5.328 ± 0.060 $\chi^2/\text{NDF}: 9407.4/40$

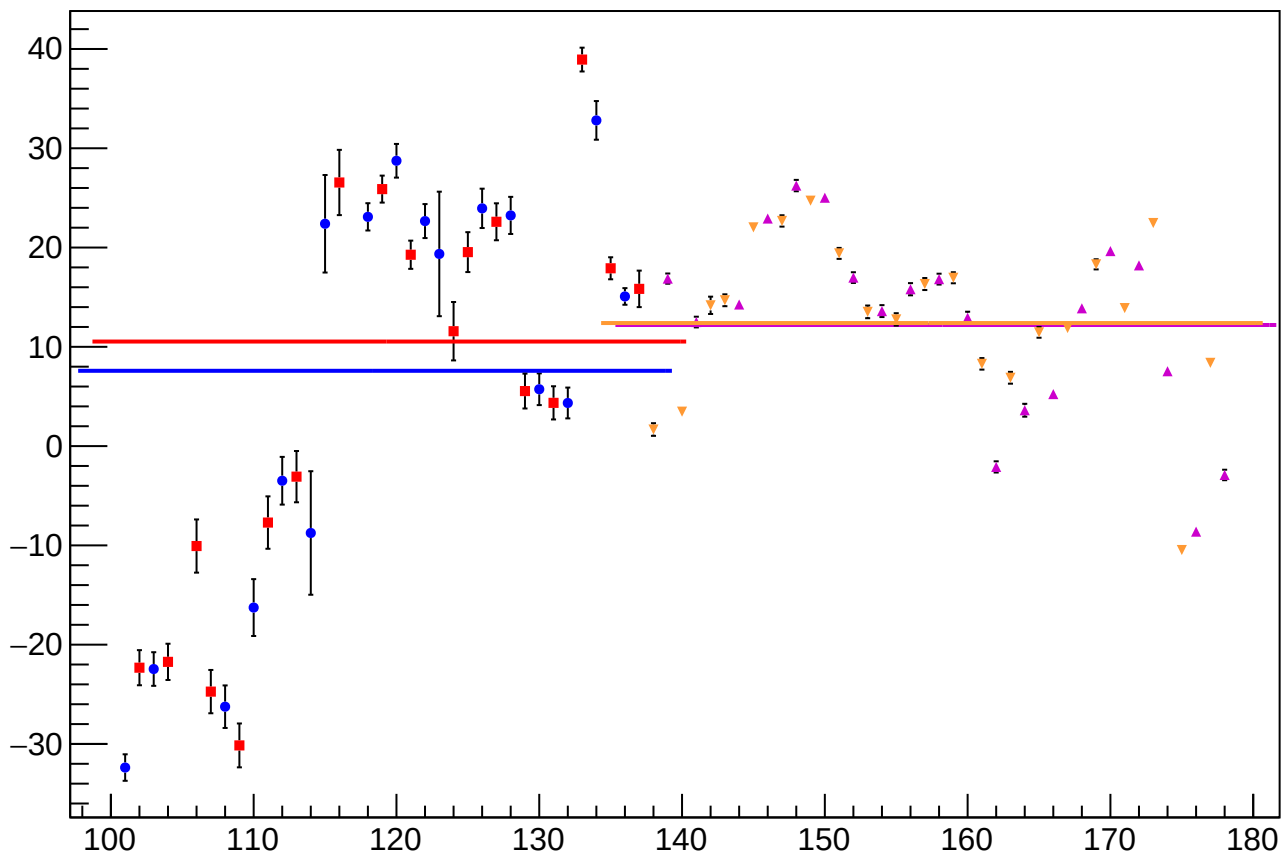
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 5.390 ± 0.080 $\chi^2/\text{NDF}: 10861.4/36$

Out: 6.083 ± 0.078 $\chi^2/\text{NDF}: 10522.6/38$

All: 5.742 ± 0.056 $\chi^2/\text{NDF}: 21422.5/75$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 12.396 $\pm$ 0.113 χ^2 /NDF: 7164.6/20

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 12.199 $\pm$ 0.112 χ^2 /NDF: 7950.2/19

Left: 12.296 $\pm$ 0.079 χ^2 /NDF: 15116.4/40

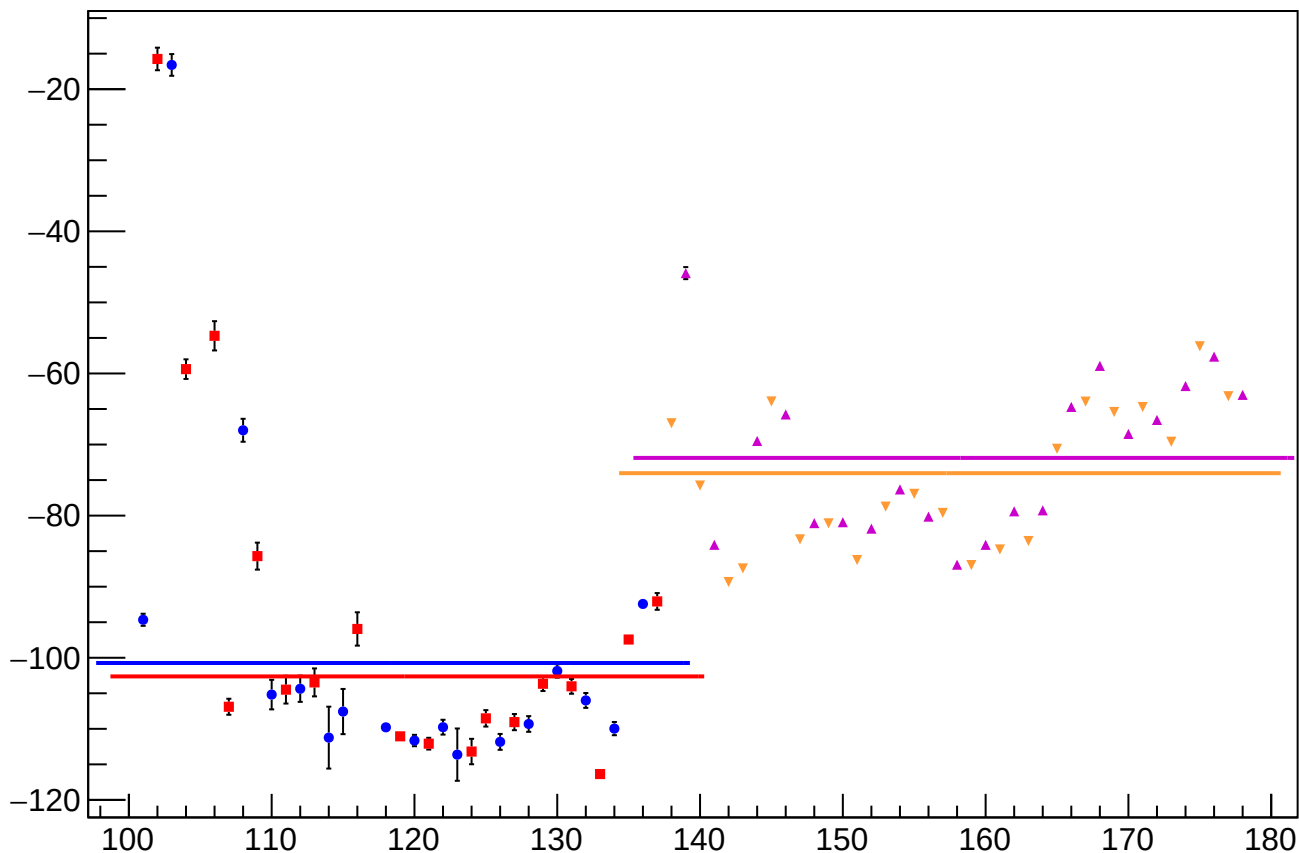
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 11.889 $\pm$ 0.108 χ^2 /NDF: 10387.5/36

Out: 12.269 $\pm$ 0.109 χ^2 /NDF: 9462.7/38

All: 12.077 $\pm$ 0.077 χ^2 /NDF: 19856.4/75

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -74.028+/-0.096 χ^2/NDF : 10675.3/20

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -71.881+/-0.097 χ^2/NDF : 9846.2/19

Left: -72.966+/-0.068 χ^2/NDF : 20767.5/40

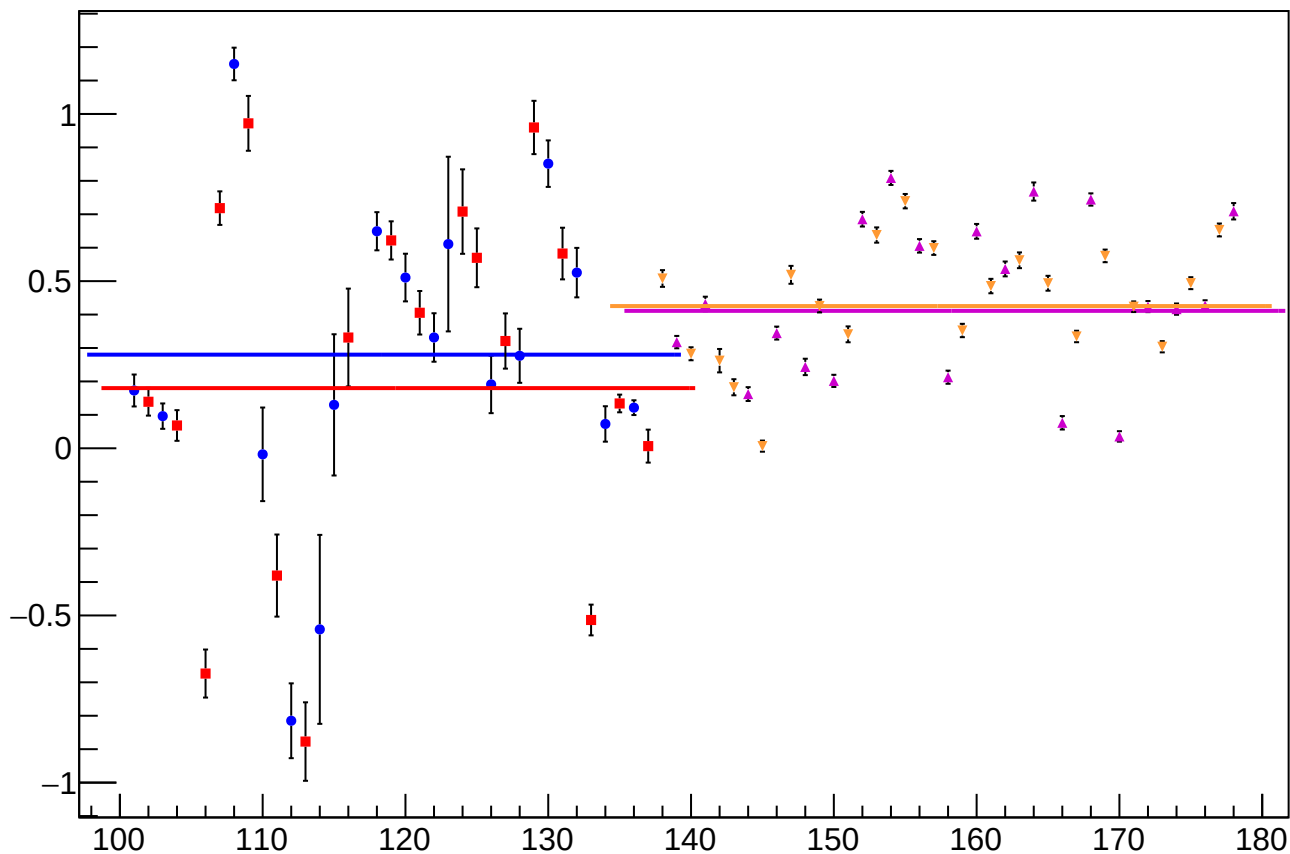
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -75.724+/-0.091 χ^2/NDF : 26072.5/36

Out: -77.825+/-0.090 χ^2/NDF : 28100.3/38

All: -76.785+/-0.064 χ^2/NDF : 54444.6/75

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.425 ± 0.004 χ^2/NDF : 1576.4/20

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.411 ± 0.004 χ^2/NDF : 2720.2/19

Left: 0.418 ± 0.003 χ^2/NDF : 4301.8/40

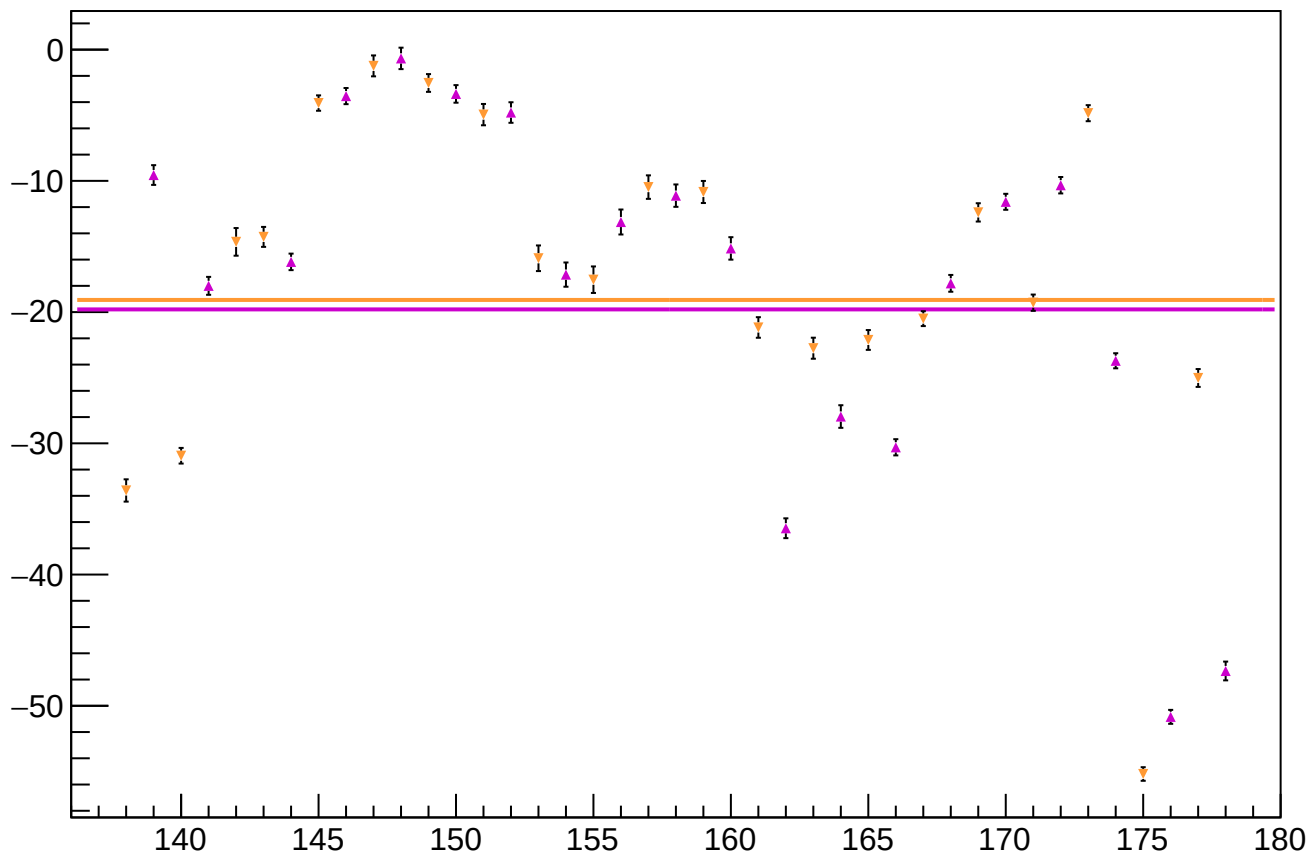
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.398 ± 0.004 χ^2/NDF : 3461.9/36

Out: 0.401 ± 0.004 χ^2/NDF : 2812.3/38

All: 0.400 ± 0.003 χ^2/NDF : 6274.5/75

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.073+/-0.156 χ^2/NDF : 8620.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.795+/-0.155 χ^2/NDF : 8865.3/19

Left: -19.436+/-0.110 χ^2/NDF : 17496.2/40

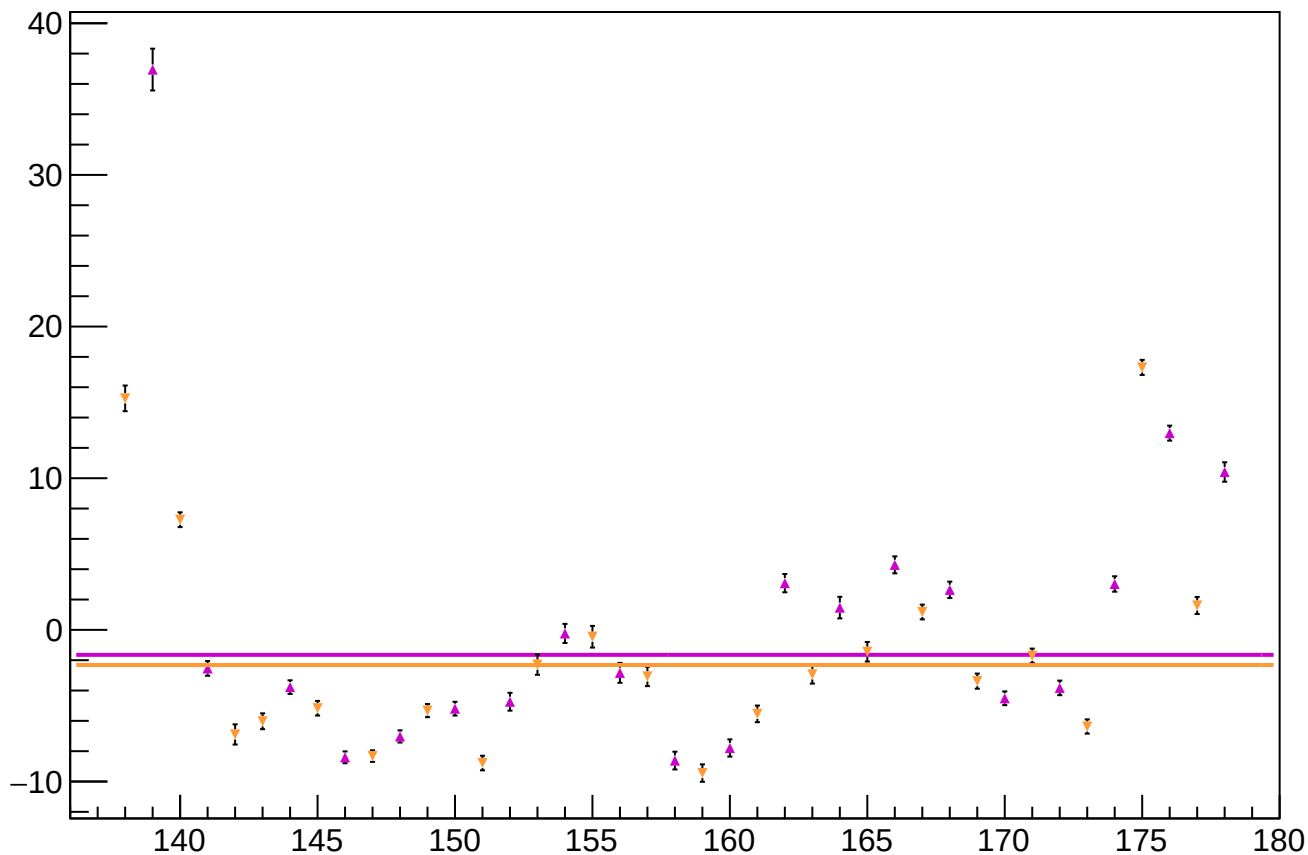
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.795+/-0.155 χ^2/NDF : 8865.3/19

Out: -19.073+/-0.156 χ^2/NDF : 8620.1/20

All: -19.436+/-0.110 χ^2/NDF : 17496.2/40

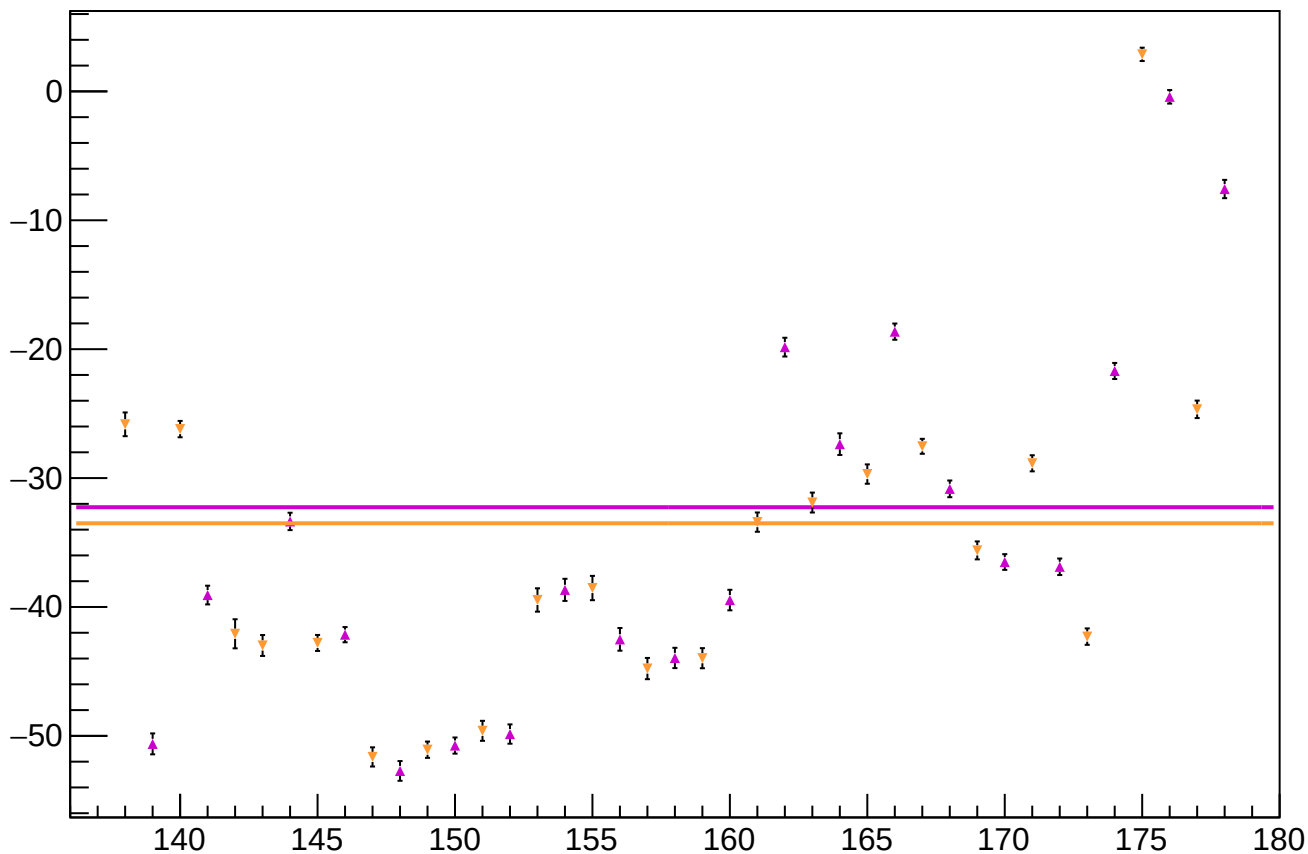
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -2.316 ± 0.116 χ^2/NDF : 3355.1/20
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -1.647 ± 0.118 χ^2/NDF : 3274.2/19

Left: -1.988 ± 0.083 χ^2/NDF : 6645.7/40
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -1.647 ± 0.118 χ^2/NDF : 3274.2/19
 Out: -2.316 ± 0.116 χ^2/NDF : 3355.1/20
 All: -1.988 ± 0.083 χ^2/NDF : 6645.7/40

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -32.261 $\pm$ 0.155 χ^2/NDF :9577.9/19

Left: -32.880 $\pm$ 0.110 χ^2/NDF : 17950.6/40

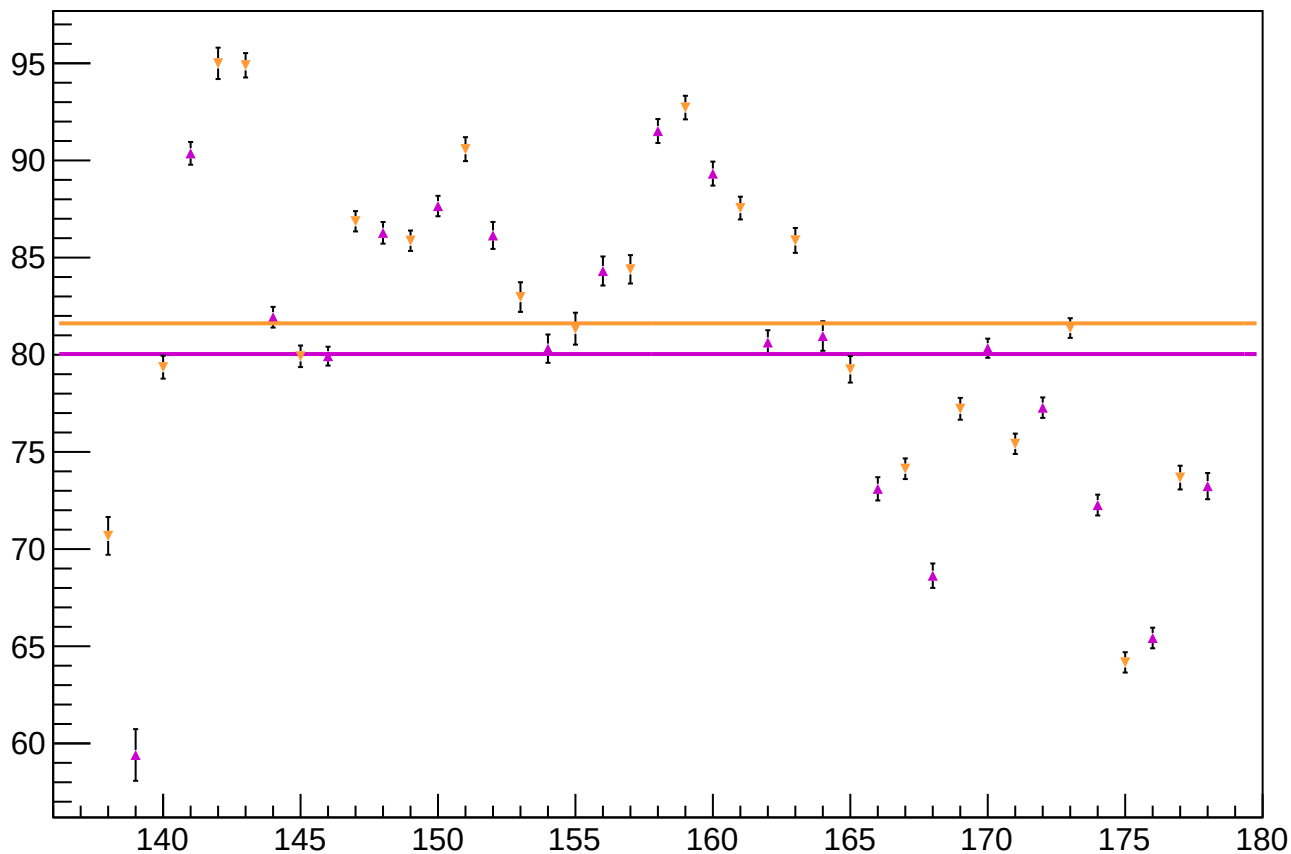
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -32.261 $\pm$ 0.155 χ^2/NDF :9577.9/19

Out: -33.509 $\pm$ 0.156 χ^2/NDF :8340.4/20

All: -32.880 $\pm$ 0.110 χ^2/NDF : 17950.6/40

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 81.618 ± 0.132 χ^2/NDF : 3440.3/20

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 80.037 ± 0.134 χ^2/NDF : 3144.4/19

Left: 80.837 ± 0.094 χ^2/NDF : 6655.0/40

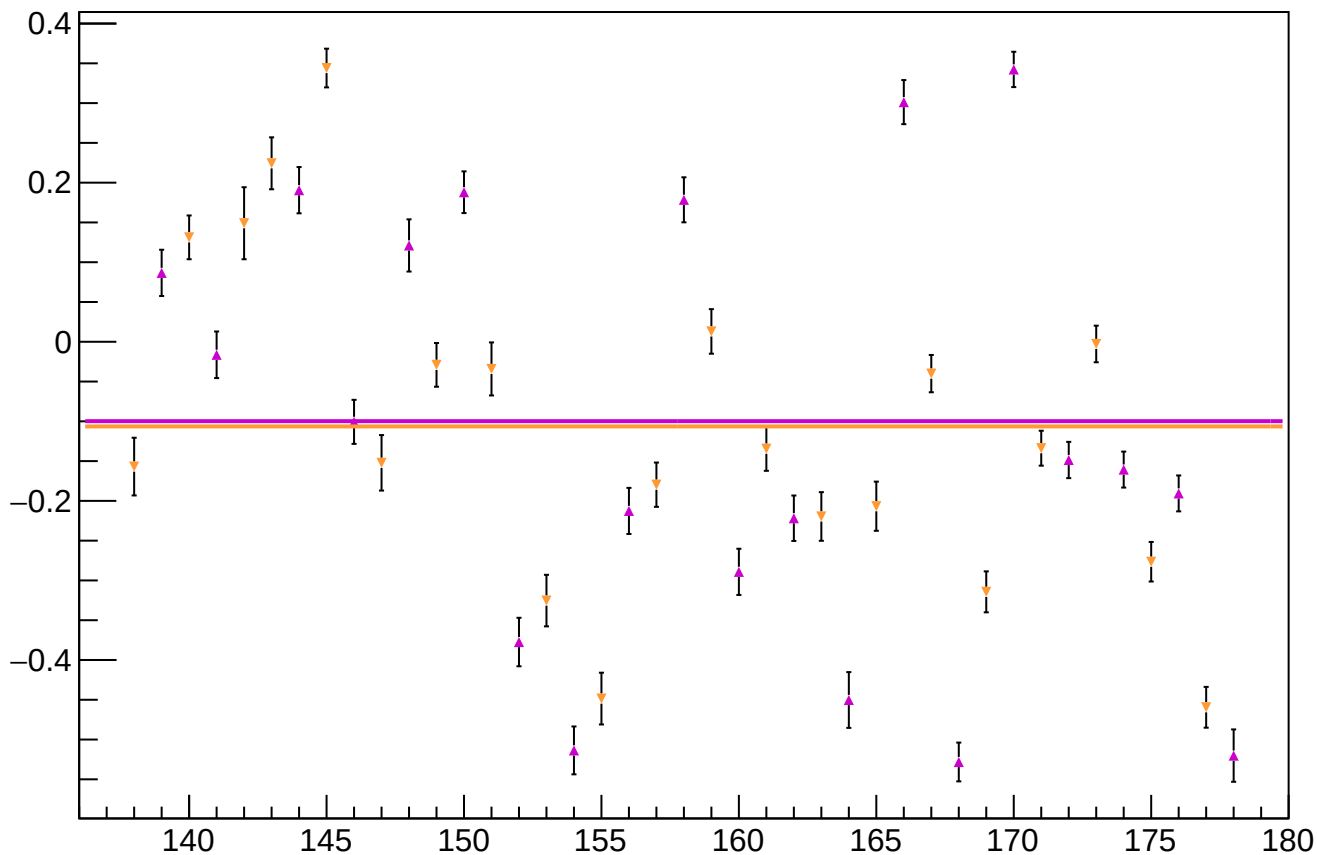
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 80.037 ± 0.134 χ^2/NDF : 3144.4/19

Out: 81.618 ± 0.132 χ^2/NDF : 3440.3/20

All: 80.837 ± 0.094 χ^2/NDF : 6655.0/40

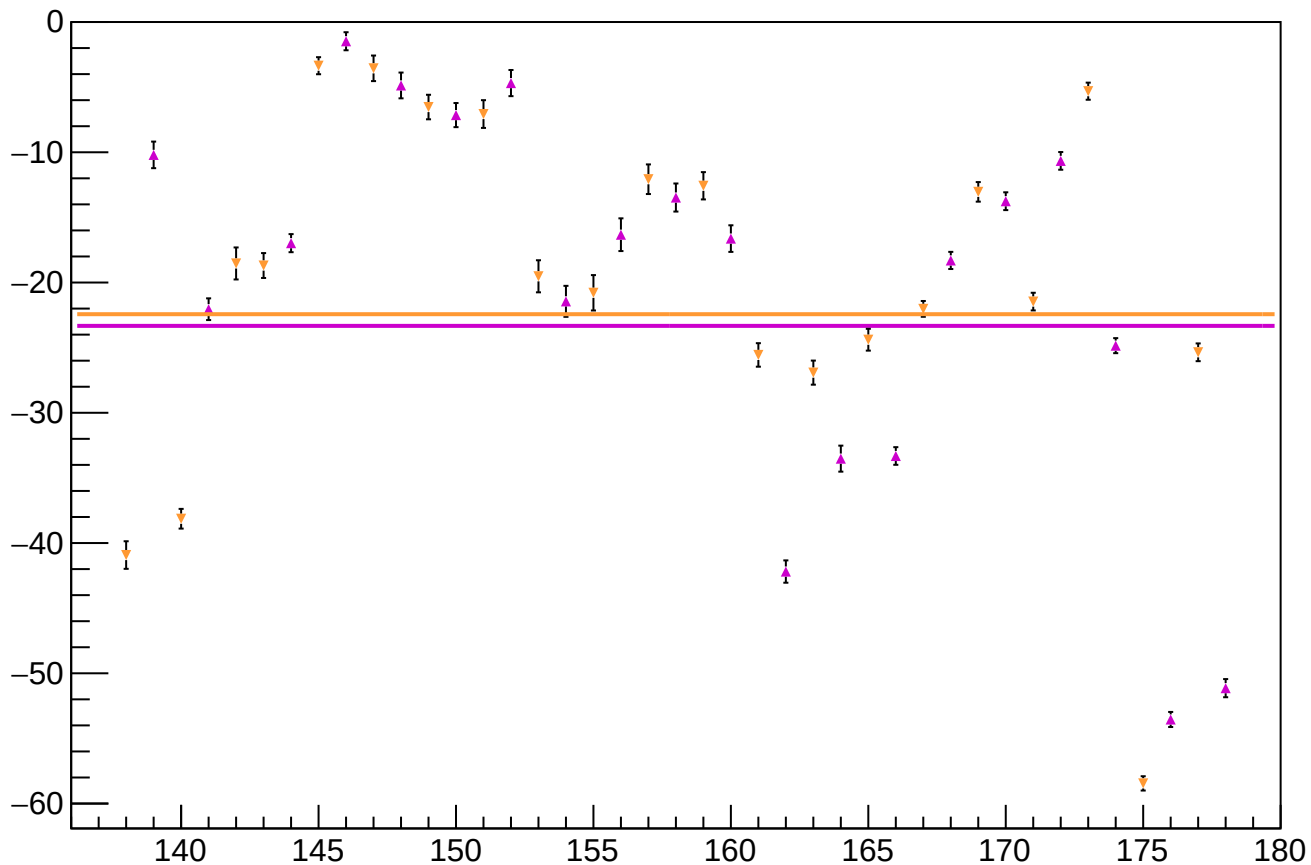
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.100+/-0.006 χ^2/NDF :1965.3/19

Left: -0.103+/-0.004 χ^2/NDF : 3071.7/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.100+/-0.006 χ^2/NDF :1965.3/19
 Out: -0.106+/-0.006 χ^2/NDF :1105.8/20
 All: -0.103+/-0.004 χ^2/NDF : 3071.7/40

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.327+/-0.176 χ^2/NDF : 8140.8/19

Left: -22.888+/-0.126 χ^2/NDF : 16007.0/40

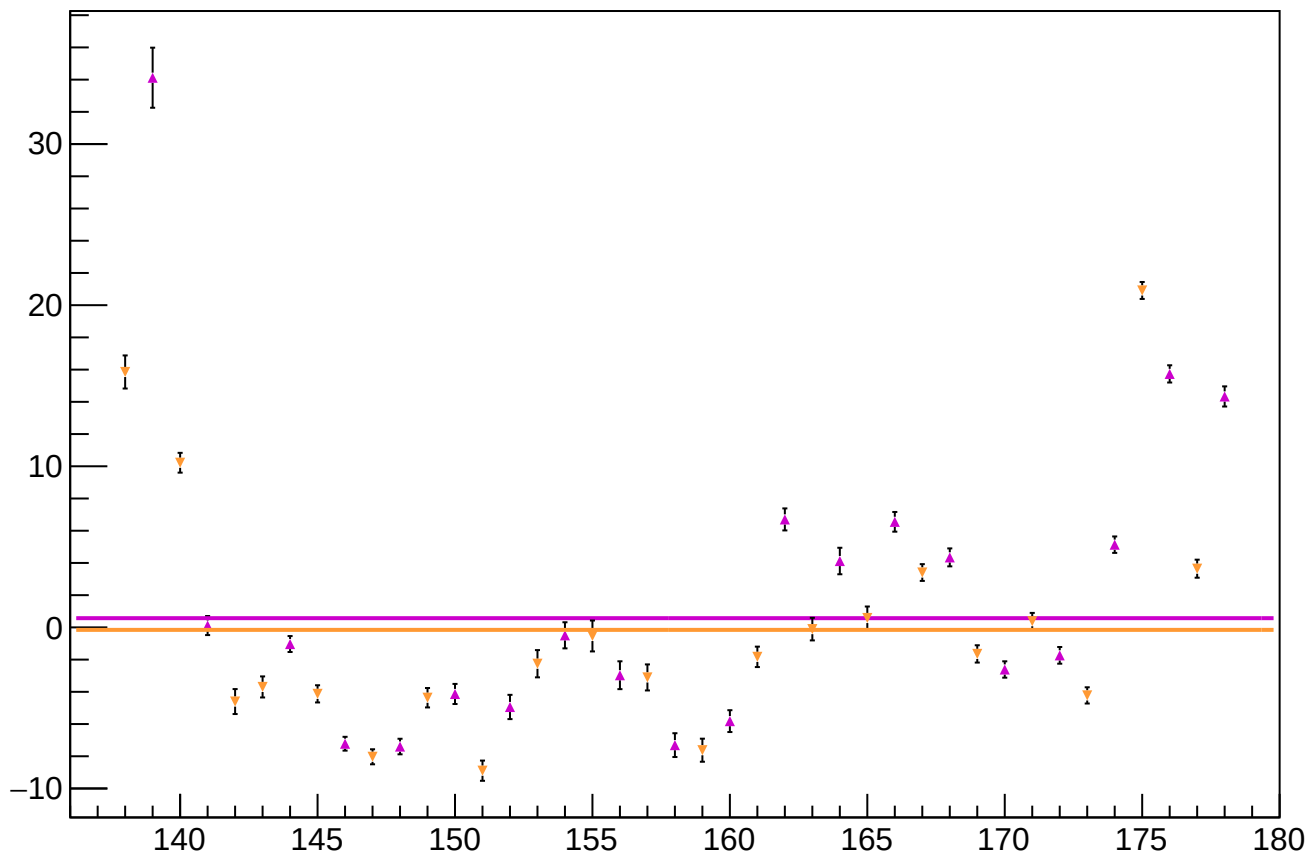
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.327+/-0.176 χ^2/NDF : 8140.8/19

Out: -22.431+/-0.180 χ^2/NDF : 7853.5/20

All: -22.888+/-0.126 χ^2/NDF : 16007.0/40

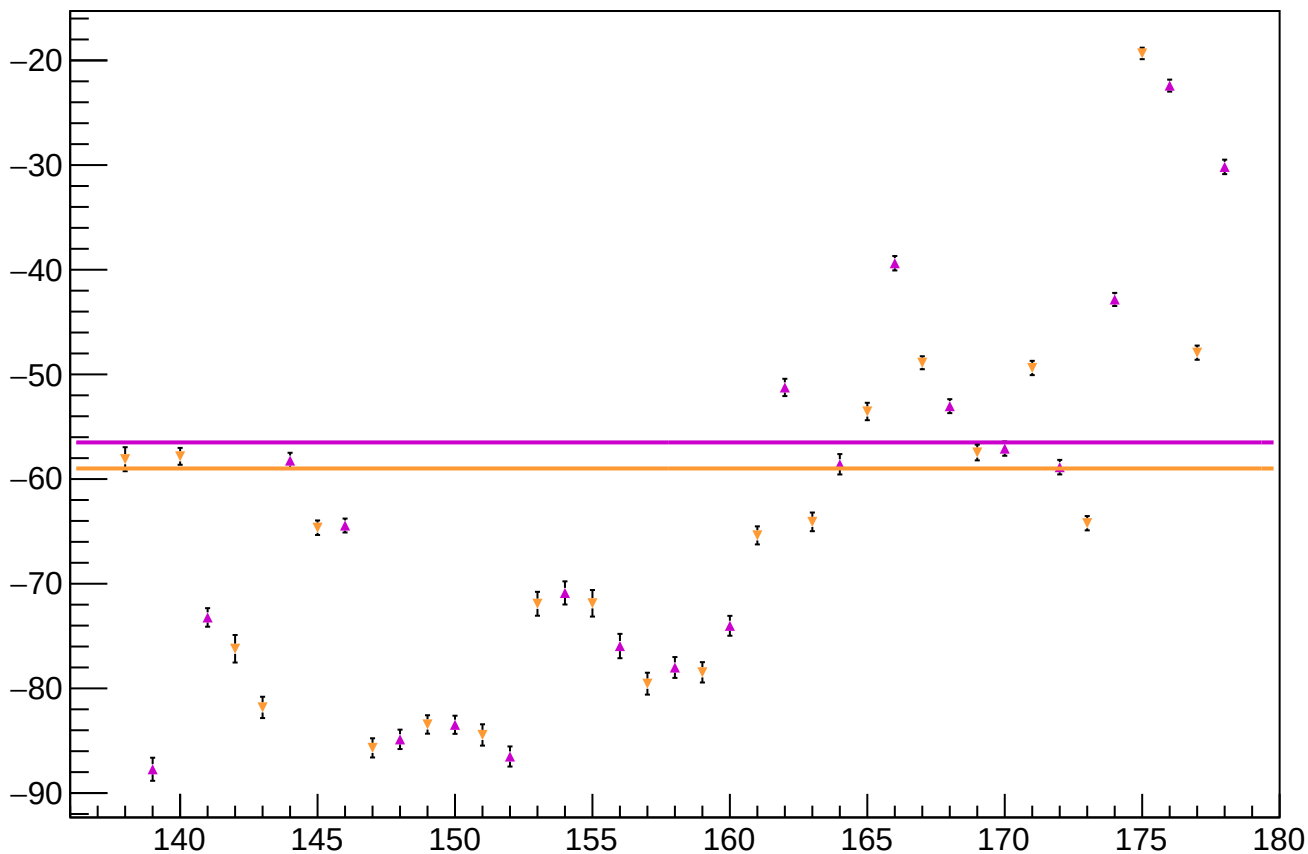
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.155+/-0.135 χ^2/NDF :3077.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.572+/-0.135 χ^2/NDF :2936.3/19

Left: 0.209+/-0.095 χ^2/NDF : 6028.5/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.572+/-0.135 χ^2/NDF :2936.3/19
 Out: -0.155+/-0.135 χ^2/NDF :3077.6/20
 All: 0.209+/-0.095 χ^2/NDF : 6028.5/40

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -56.500+/-0.176 χ^2/NDF :11610.2/19

Left: -57.718+/-0.126 χ^2/NDF : 21833.6/40

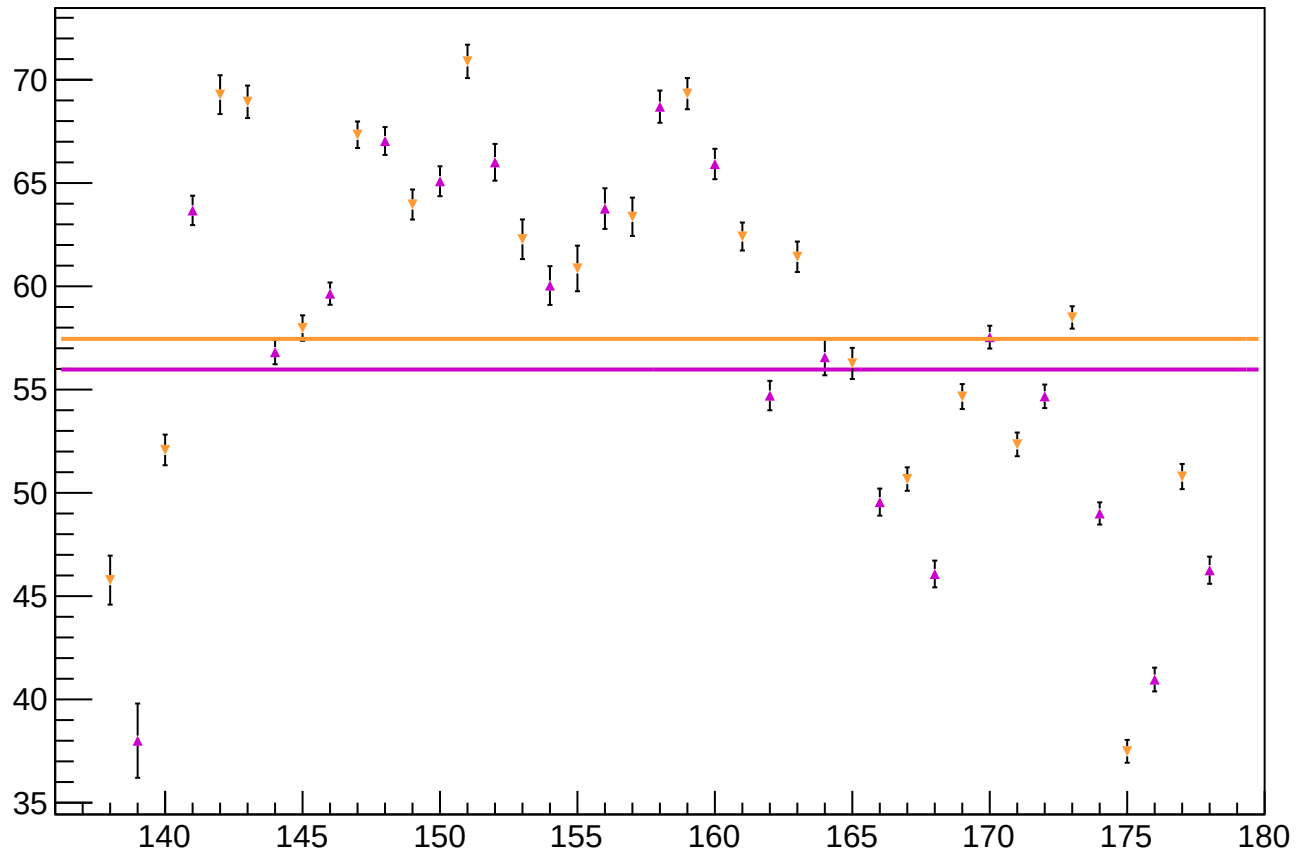
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.500+/-0.176 χ^2/NDF :11610.2/19

Out: -58.989+/-0.180 χ^2/NDF :10125.7/20

All: -57.718+/-0.126 χ^2/NDF : 21833.6/40

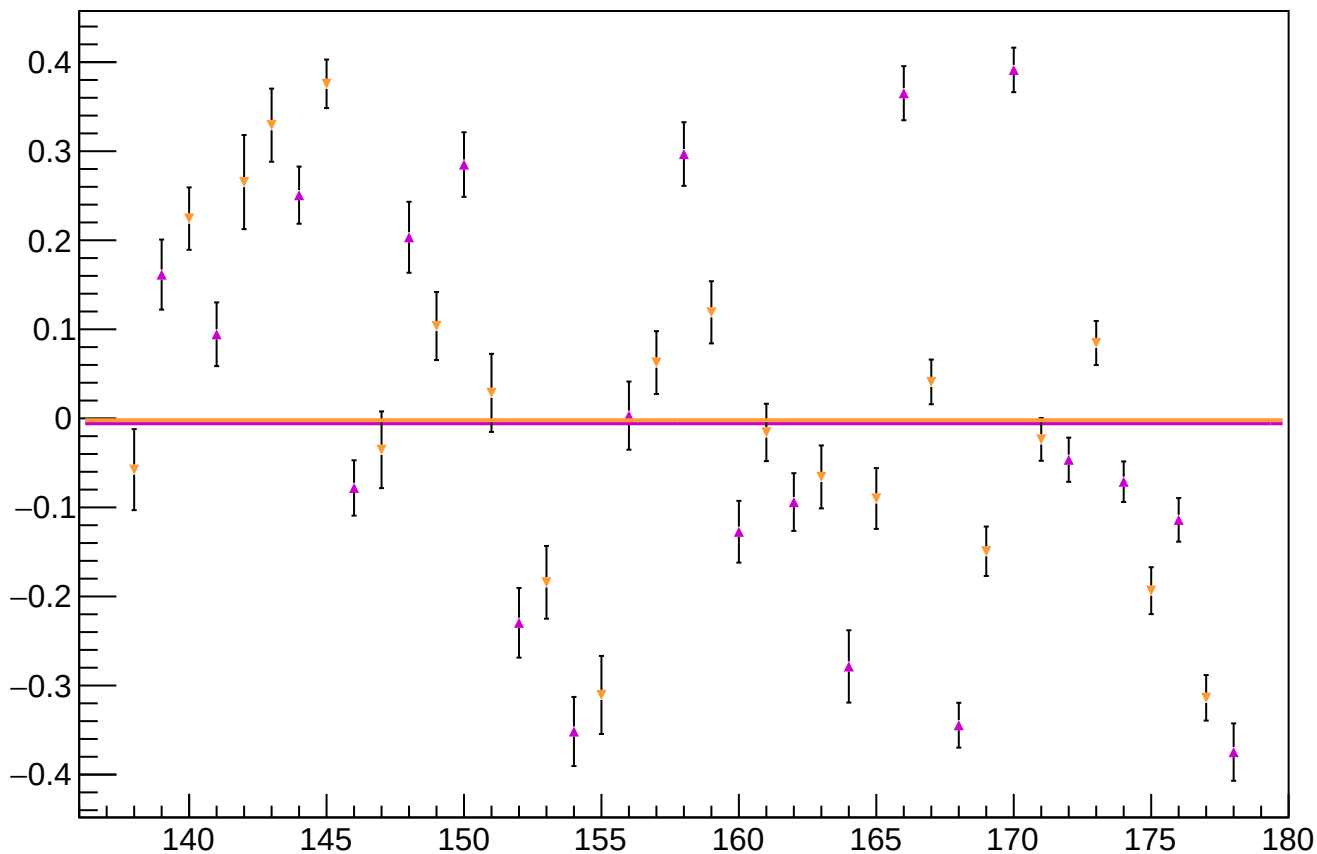
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.455+/-0.153 χ^2/NDF :3190.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 55.972+/-0.153 χ^2/NDF :2765.3/19

Left: 56.712+/-0.108 χ^2/NDF : 6002.8/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 55.972+/-0.153 χ^2/NDF :2765.3/19
 Out: 57.455+/-0.153 χ^2/NDF :3190.6/20
 All: 56.712+/-0.108 χ^2/NDF : 6002.8/40

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.006 $\pm$ 0.007 χ^2 /NDF:1180.2/19

Left: -0.004 $\pm$ 0.005 χ^2 /NDF: 1855.6/40

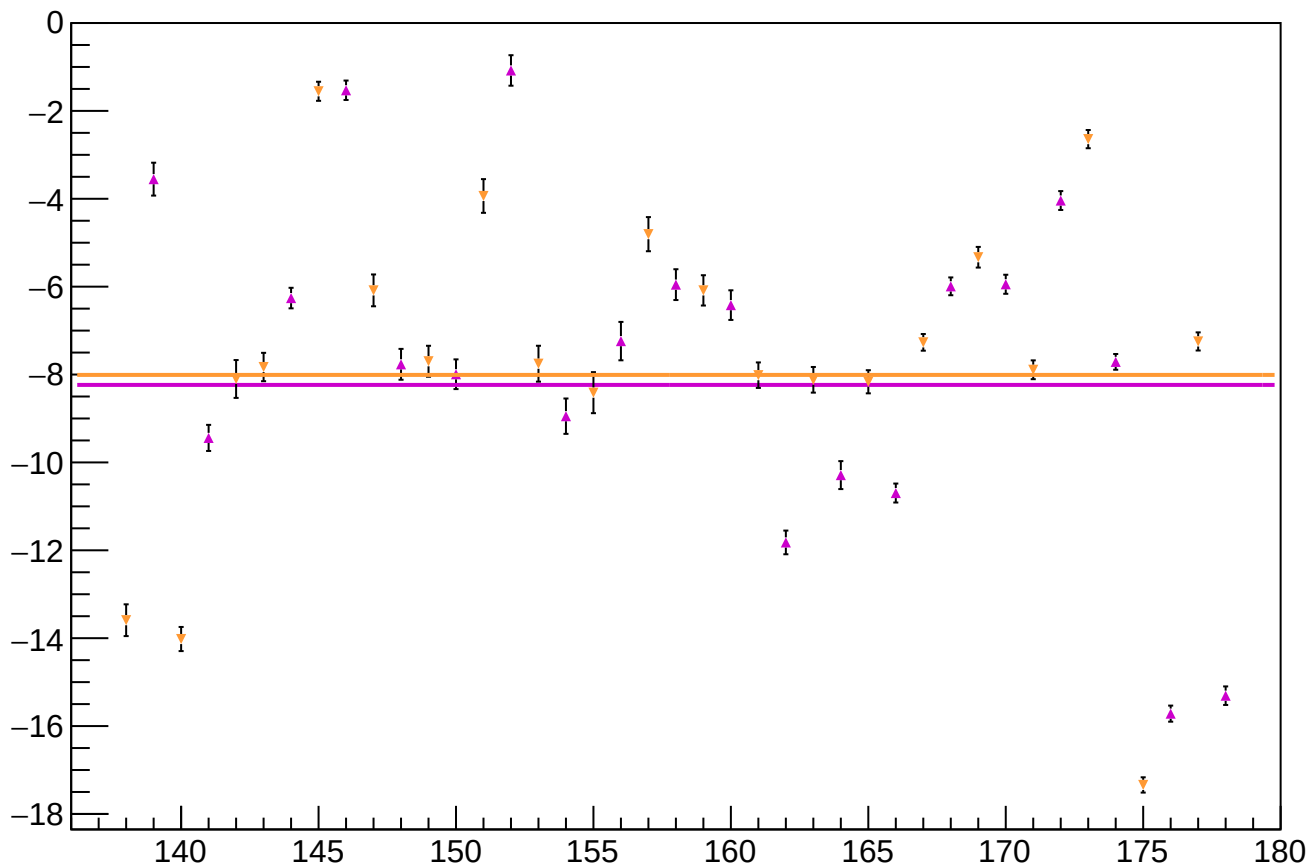
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.006 $\pm$ 0.007 χ^2 /NDF:1180.2/19

Out: -0.002 $\pm$ 0.007 χ^2 /NDF:675.2/20

All: -0.004 $\pm$ 0.005 χ^2 /NDF: 1855.6/40

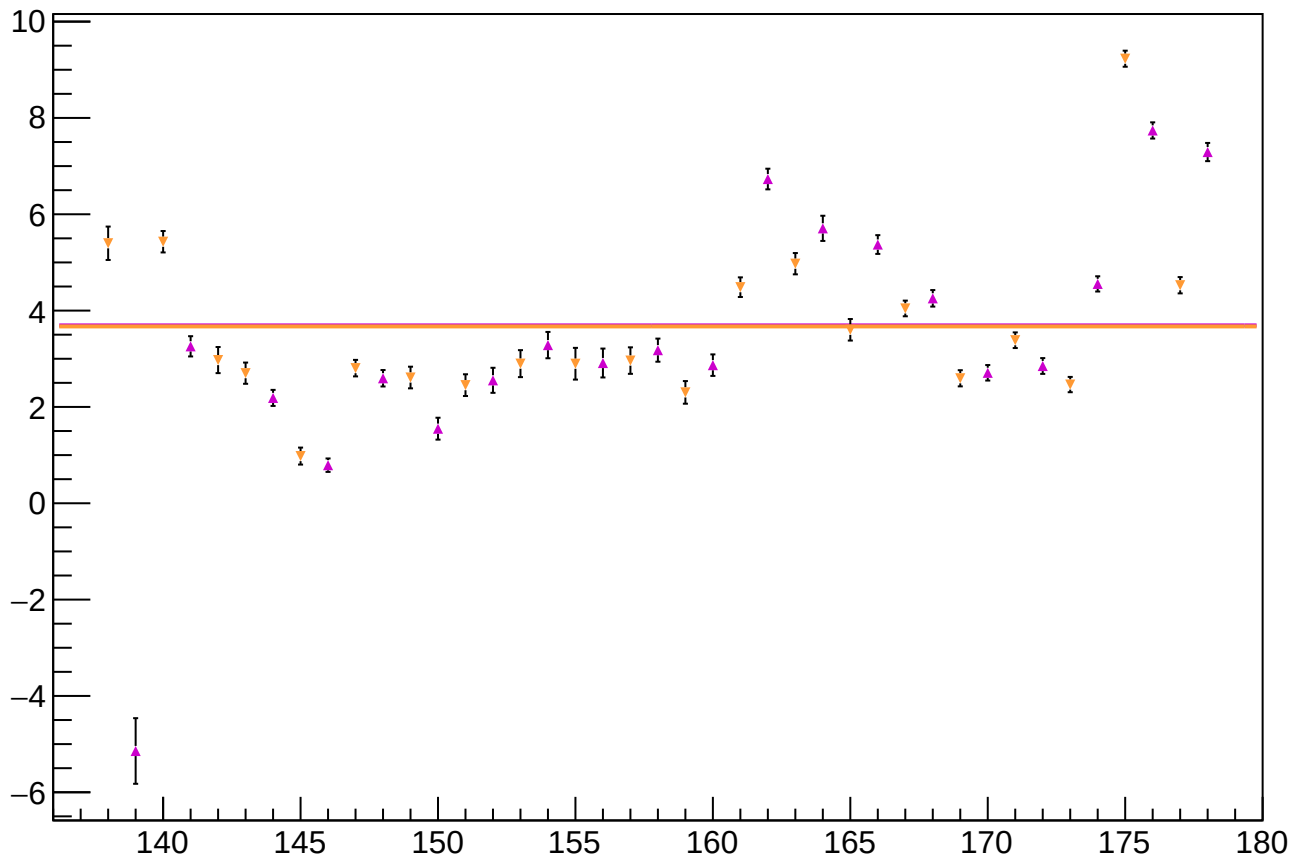
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.008 $\pm$ 0.059 χ^2 /NDF:5549.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.236 $\pm$ 0.057 χ^2 /NDF:5442.7/19

Left: -8.125 $\pm$ 0.041 χ^2 /NDF: 10999.6/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -8.236 $\pm$ 0.057 χ^2 /NDF:5442.7/19
 Out: -8.008 $\pm$ 0.059 χ^2 /NDF:5549.1/20
 All: -8.125 $\pm$ 0.041 χ^2 /NDF: 10999.6/40

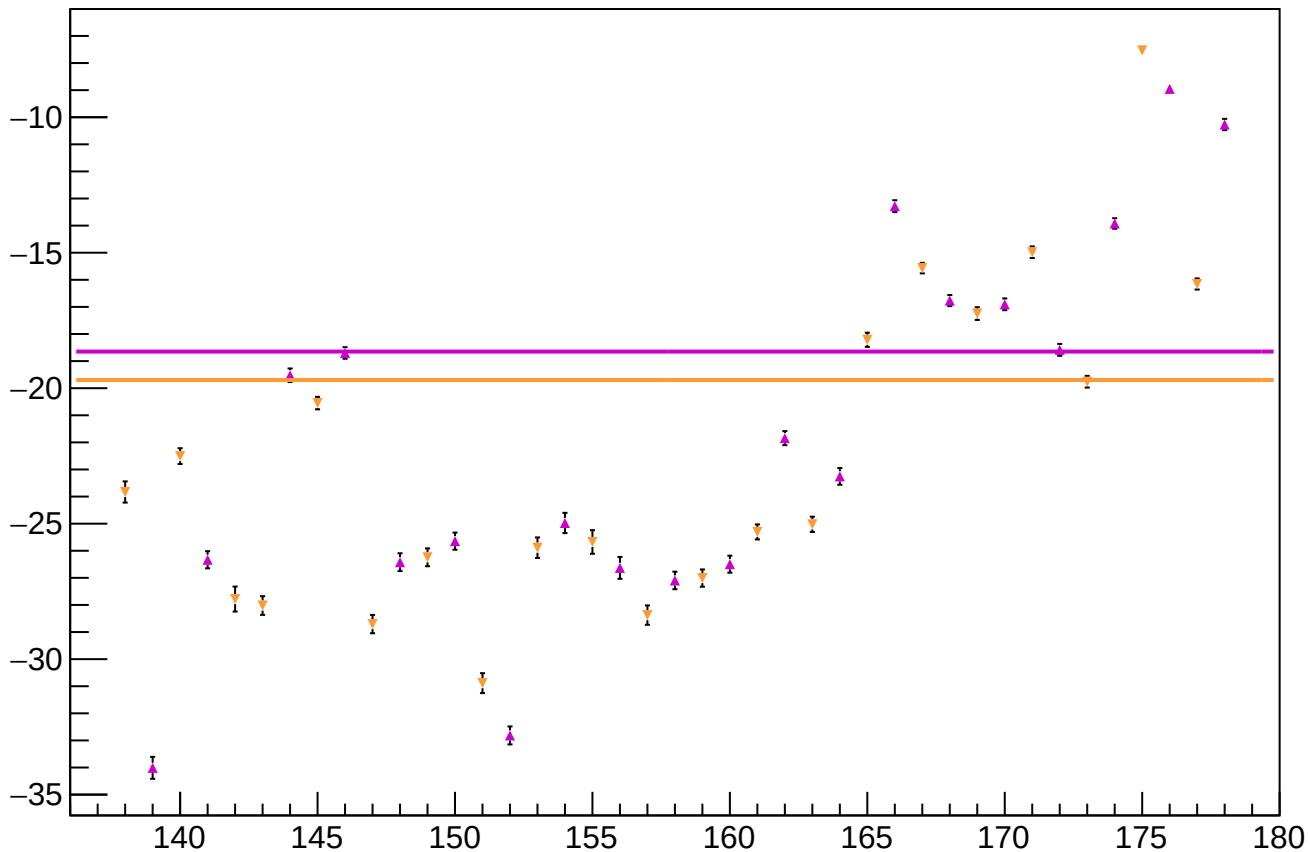
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.693+/-0.044 χ^2/NDF :2242.6/19

Left: 3.682+/-0.031 χ^2/NDF : 4014.3/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.693+/-0.044 χ^2/NDF :2242.6/19
 Out: 3.672+/-0.044 χ^2/NDF :1771.5/20
 All: 3.682+/-0.031 χ^2/NDF : 4014.3/40

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.698+/-0.059 χ^2/NDF :11706.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.648+/-0.057 χ^2/NDF :13073.1/19

Left: -19.158+/-0.041 χ^2/NDF : 24943.6/40

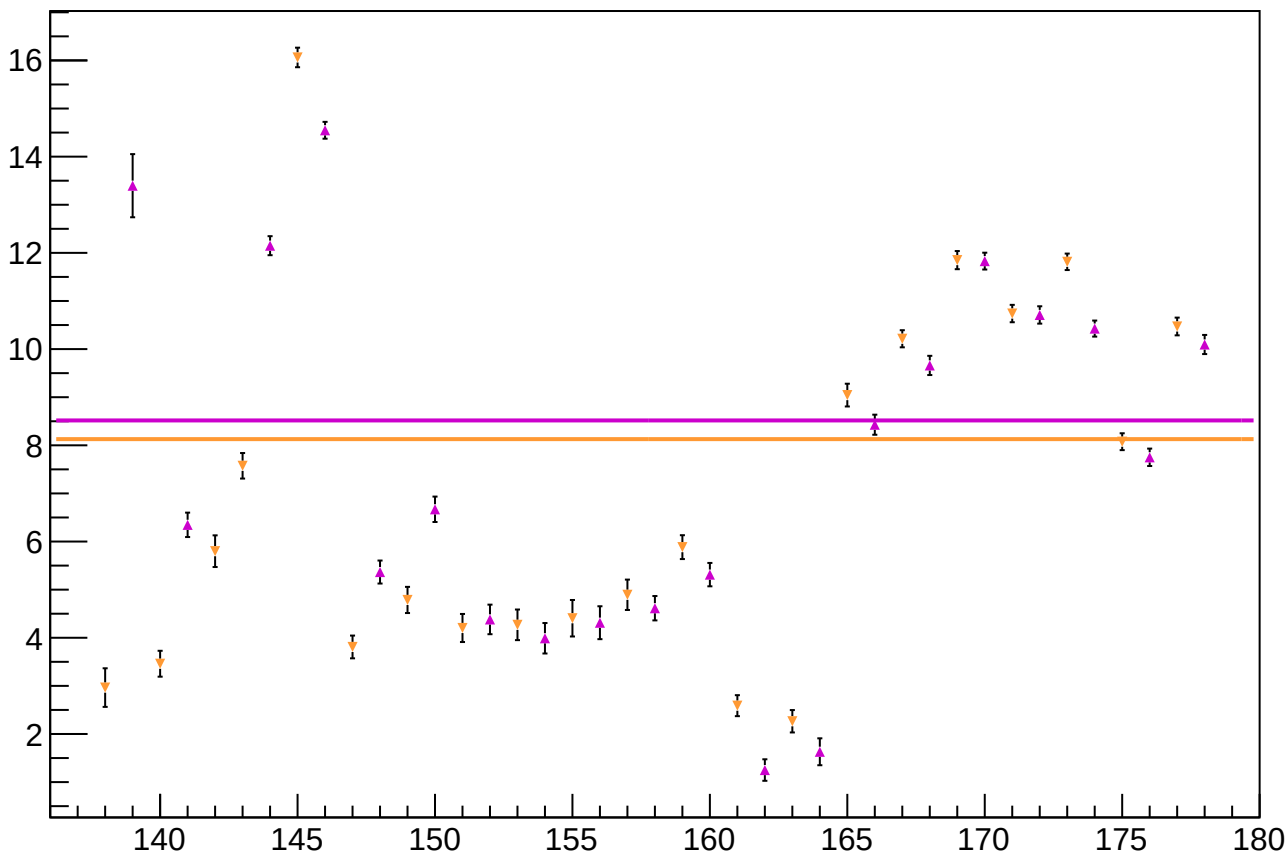
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.648+/-0.057 χ^2/NDF :13073.1/19

Out: -19.698+/-0.059 χ^2/NDF :11706.2/20

All: -19.158+/-0.041 χ^2/NDF : 24943.6/40

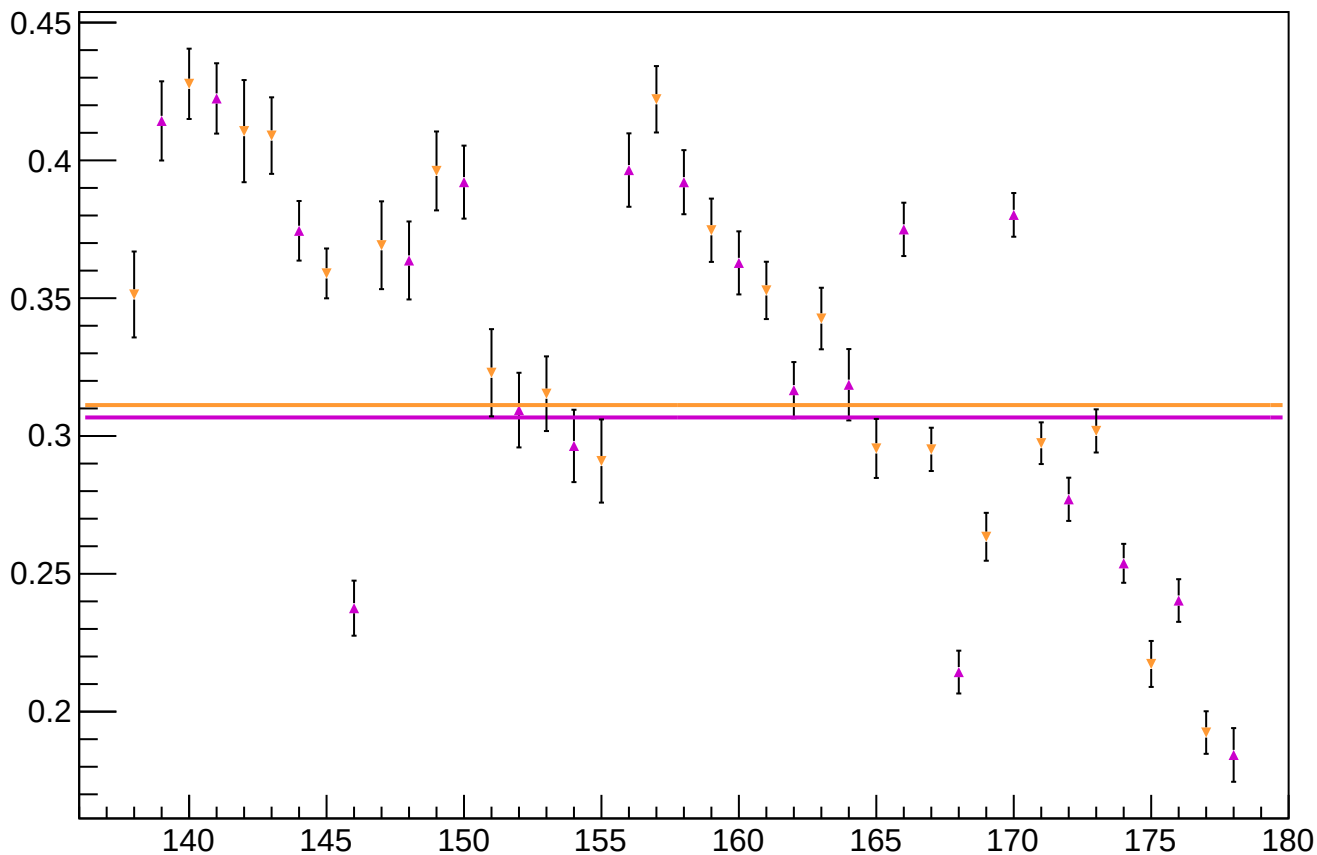
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.517+/-0.050 χ^2/NDF :5240.4/19

Left: 8.325+/-0.035 χ^2/NDF : 11067.9/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.517+/-0.050 χ^2/NDF :5240.4/19
 Out: 8.129+/-0.050 χ^2/NDF :5797.2/20
 All: 8.325+/-0.035 χ^2/NDF : 11067.9/40

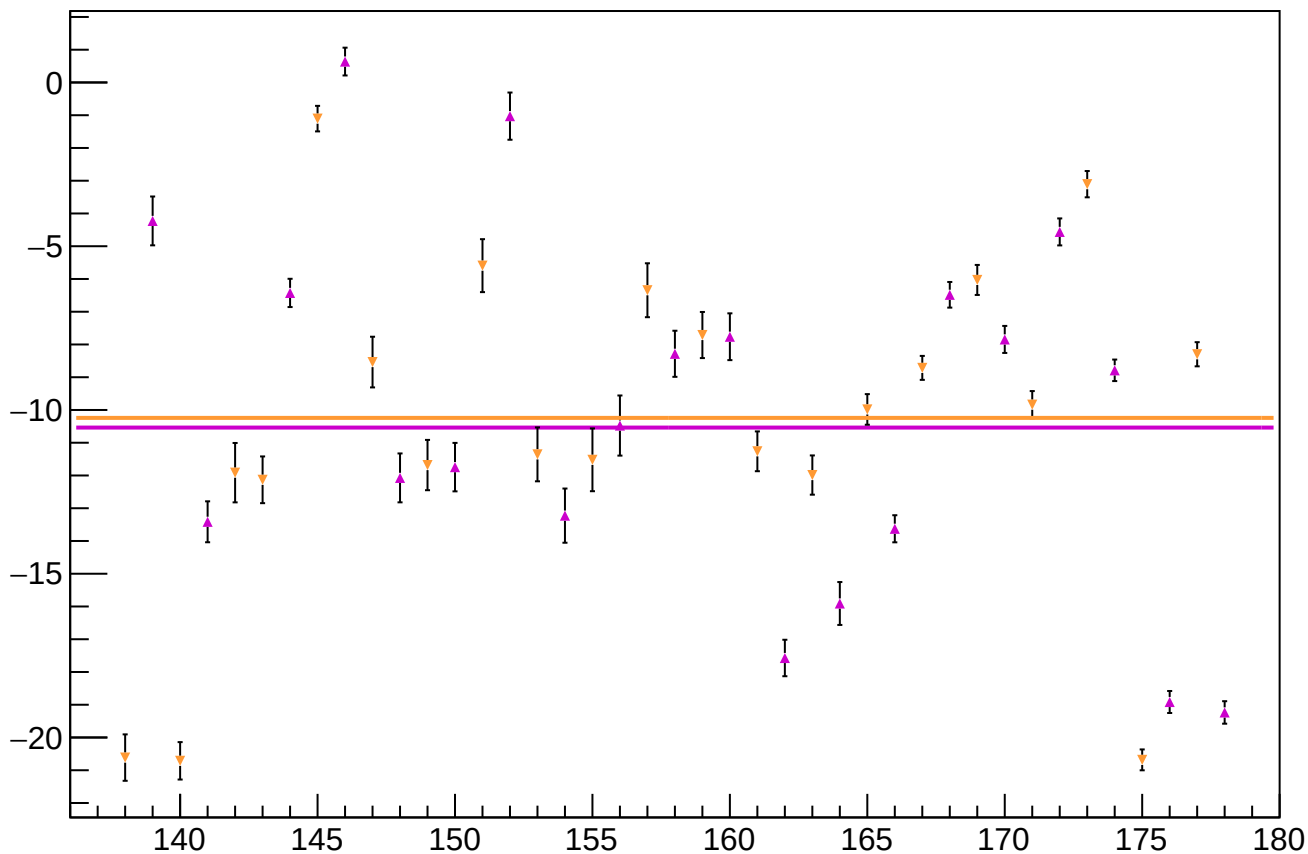
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:988.3/19

Left: 0.309 $\pm$ 0.002 χ^2 /NDF: 1781.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:988.3/19
 Out: 0.311 $\pm$ 0.002 χ^2 /NDF:791.3/20
 All: 0.309 $\pm$ 0.002 χ^2 /NDF: 1781.5/40

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.241 $\pm$ 0.114 χ^2 /NDF:2721.3/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -10.537 $\pm$ 0.109 χ^2 /NDF:3029.4/19

Left: -10.395 $\pm$ 0.079 χ^2 /NDF: 5754.2/40

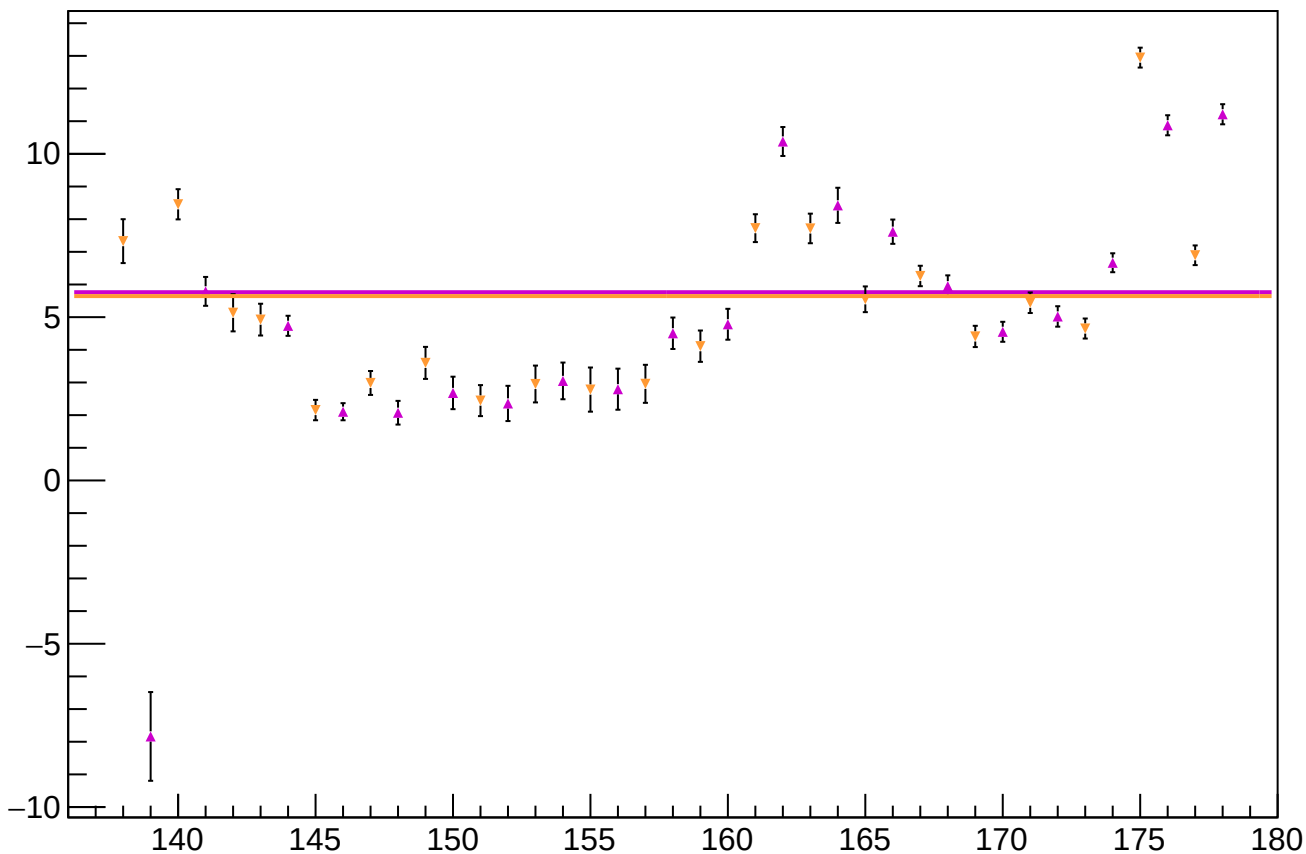
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -10.537 $\pm$ 0.109 χ^2 /NDF:3029.4/19

Out: -10.241 $\pm$ 0.114 χ^2 /NDF:2721.3/20

All: -10.395 $\pm$ 0.079 χ^2 /NDF: 5754.2/40

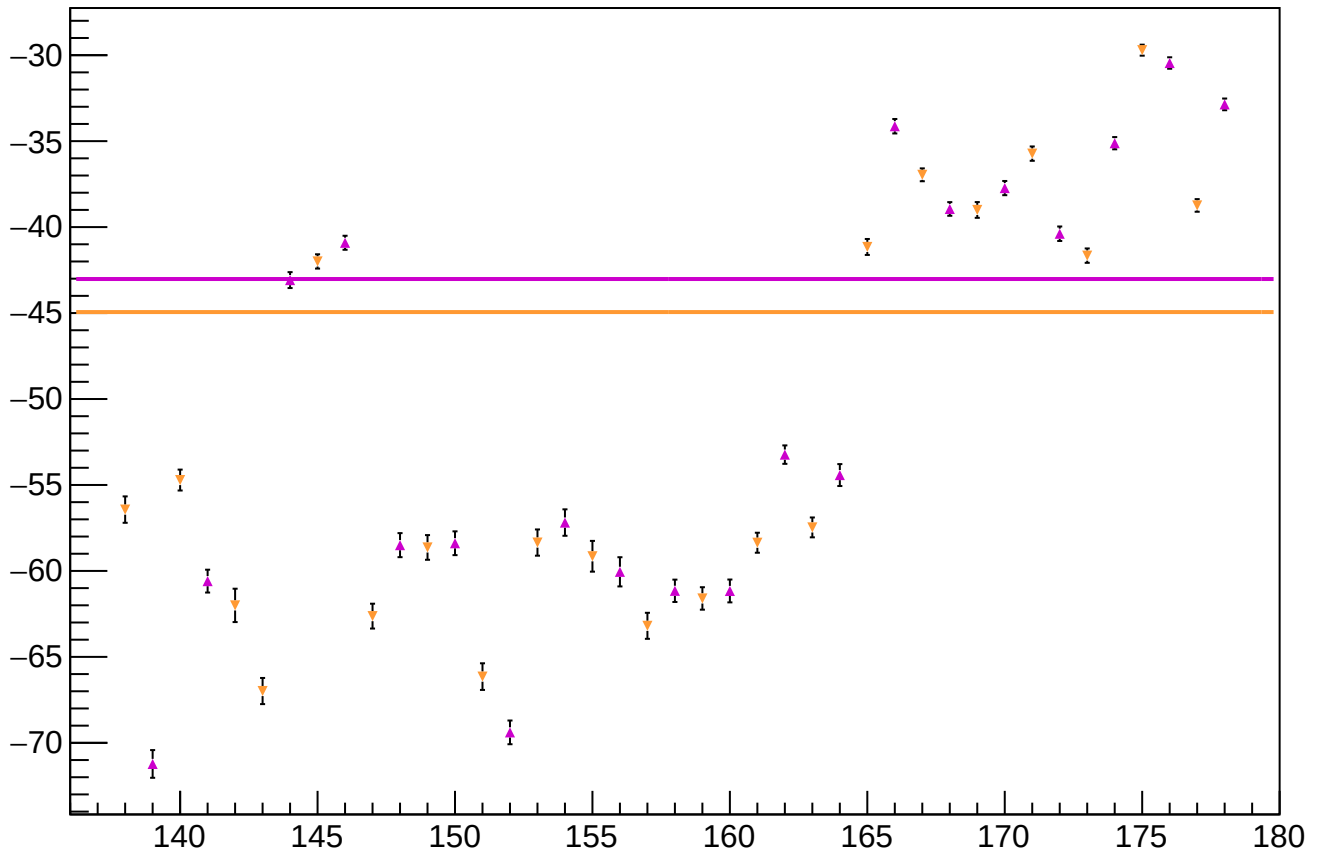
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.764 $\pm$ 0.085 χ^2 /NDF:1323.8/19

Left: 5.706 $\pm$ 0.061 χ^2 /NDF: 2349.8/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.764 $\pm$ 0.085 χ^2 /NDF:1323.8/19
 Out: 5.645 $\pm$ 0.087 χ^2 /NDF:1025.1/20
 All: 5.706 $\pm$ 0.061 χ^2 /NDF: 2349.8/40

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -44.942+/-0.114 χ^2/NDF :9981.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -43.020+/-0.109 χ^2/NDF :10906.6/19

Left: -43.941+/-0.079 χ^2/NDF : 21035.8/40

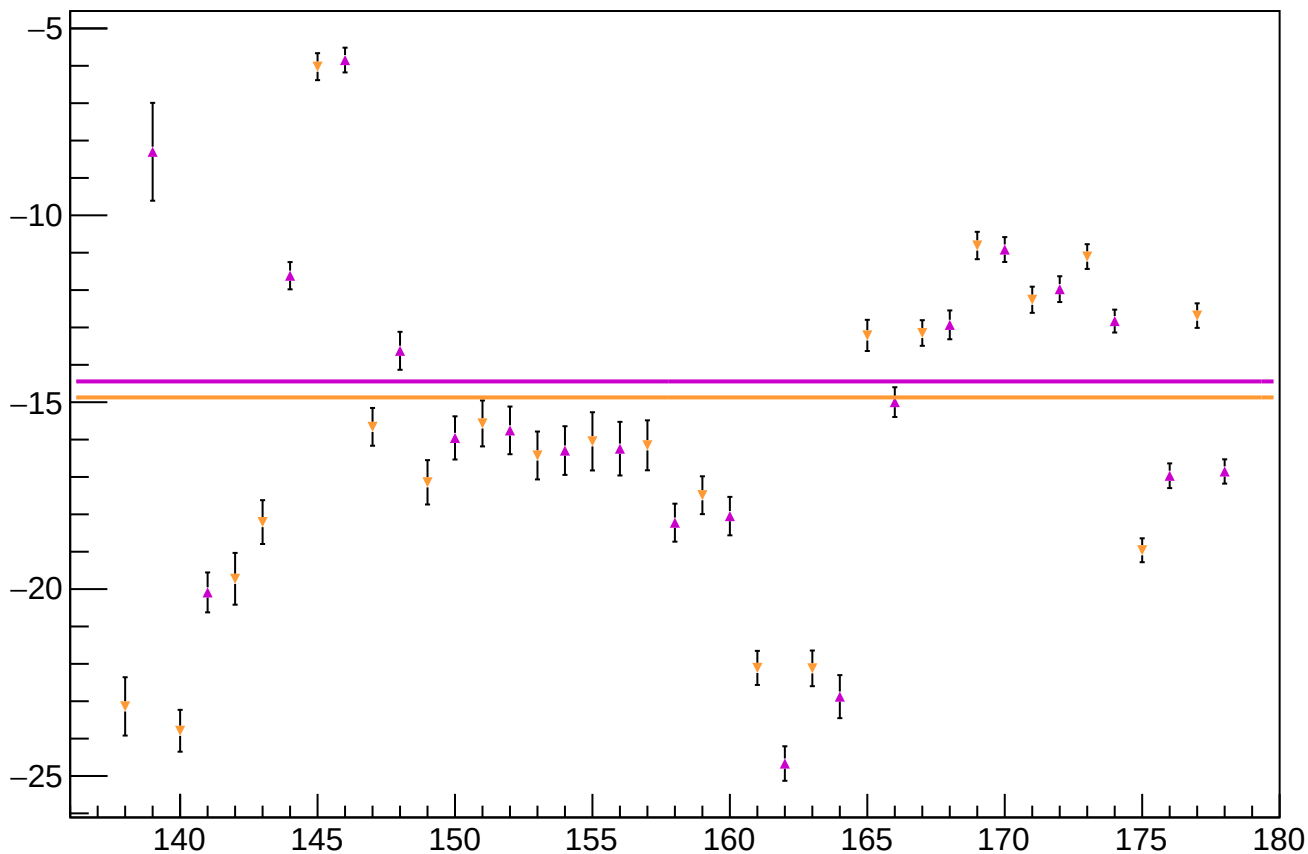
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -43.020+/-0.109 χ^2/NDF :10906.6/19

Out: -44.942+/-0.114 χ^2/NDF :9981.5/20

All: -43.941+/-0.079 χ^2/NDF : 21035.8/40

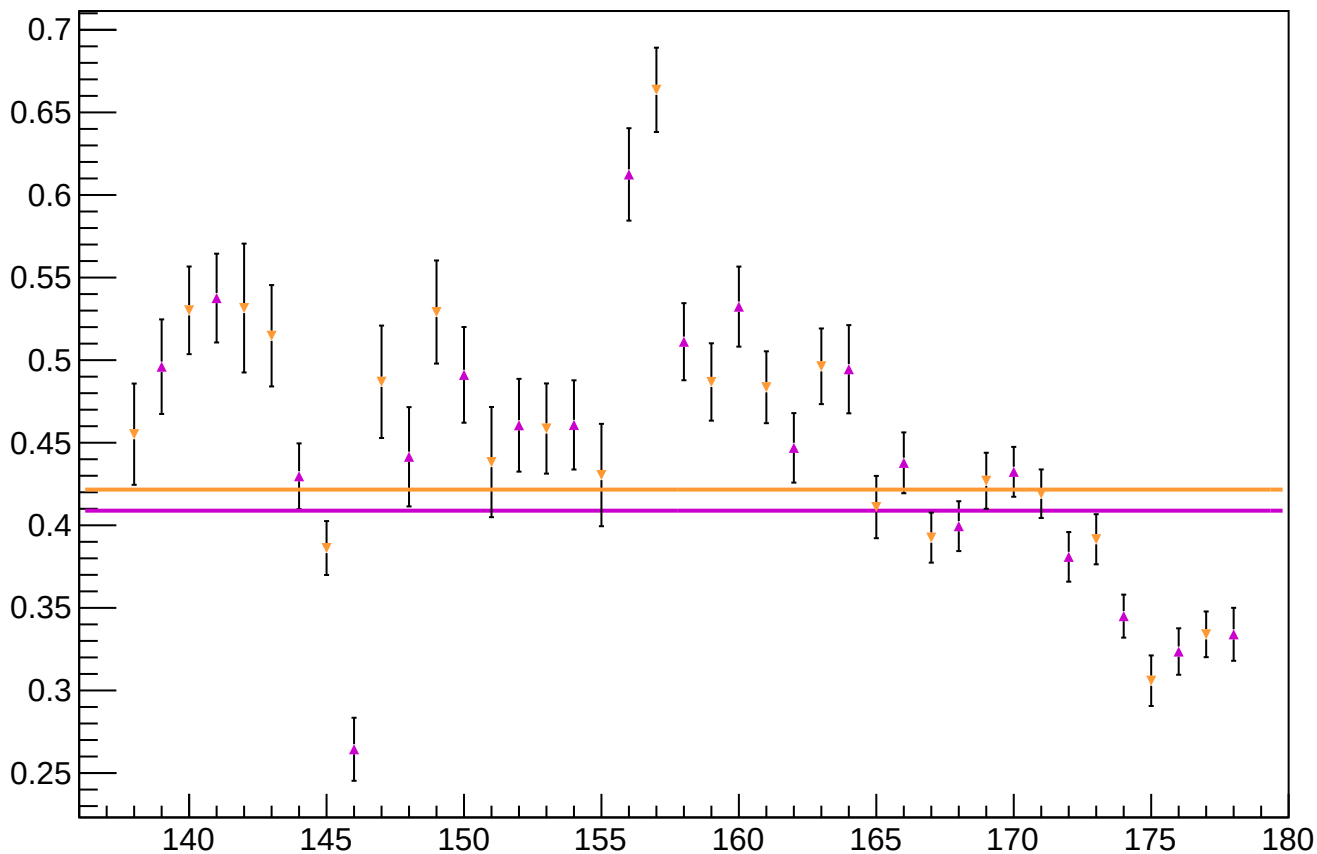
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -14.872+/-0.098 χ^2/NDF :2146.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -14.444+/-0.096 χ^2/NDF :2027.2/19

Left: -14.653+/-0.068 χ^2/NDF : 4183.4/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -14.444+/-0.096 χ^2/NDF :2027.2/19
 Out: -14.872+/-0.098 χ^2/NDF :2146.4/20
 All: -14.653+/-0.068 χ^2/NDF : 4183.4/40

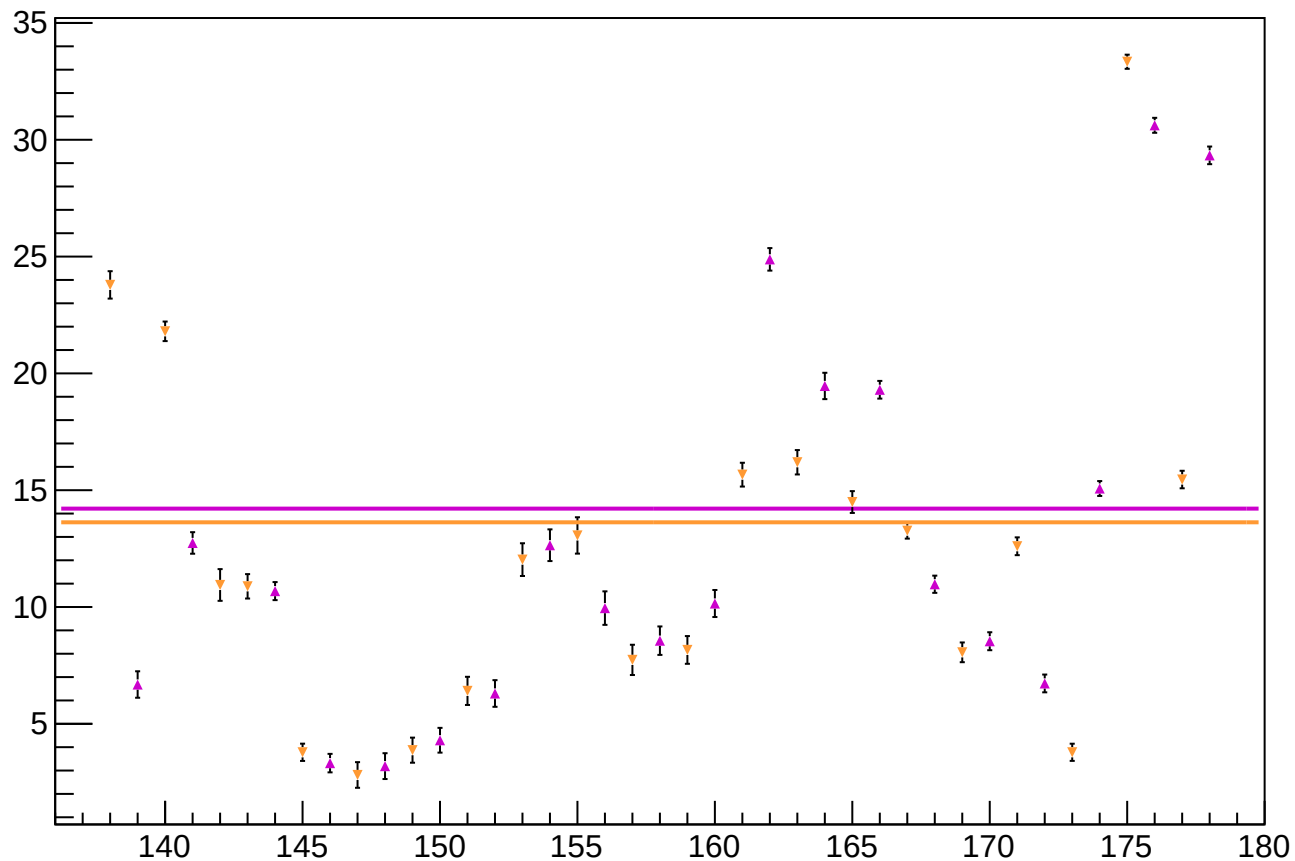
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:310.0/19

Left: 0.415 $\pm$ 0.003 χ^2 /NDF: 593.3/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:310.0/19
 Out: 0.422 $\pm$ 0.004 χ^2 /NDF:279.2/20
 All: 0.415 $\pm$ 0.003 χ^2 /NDF: 593.3/40

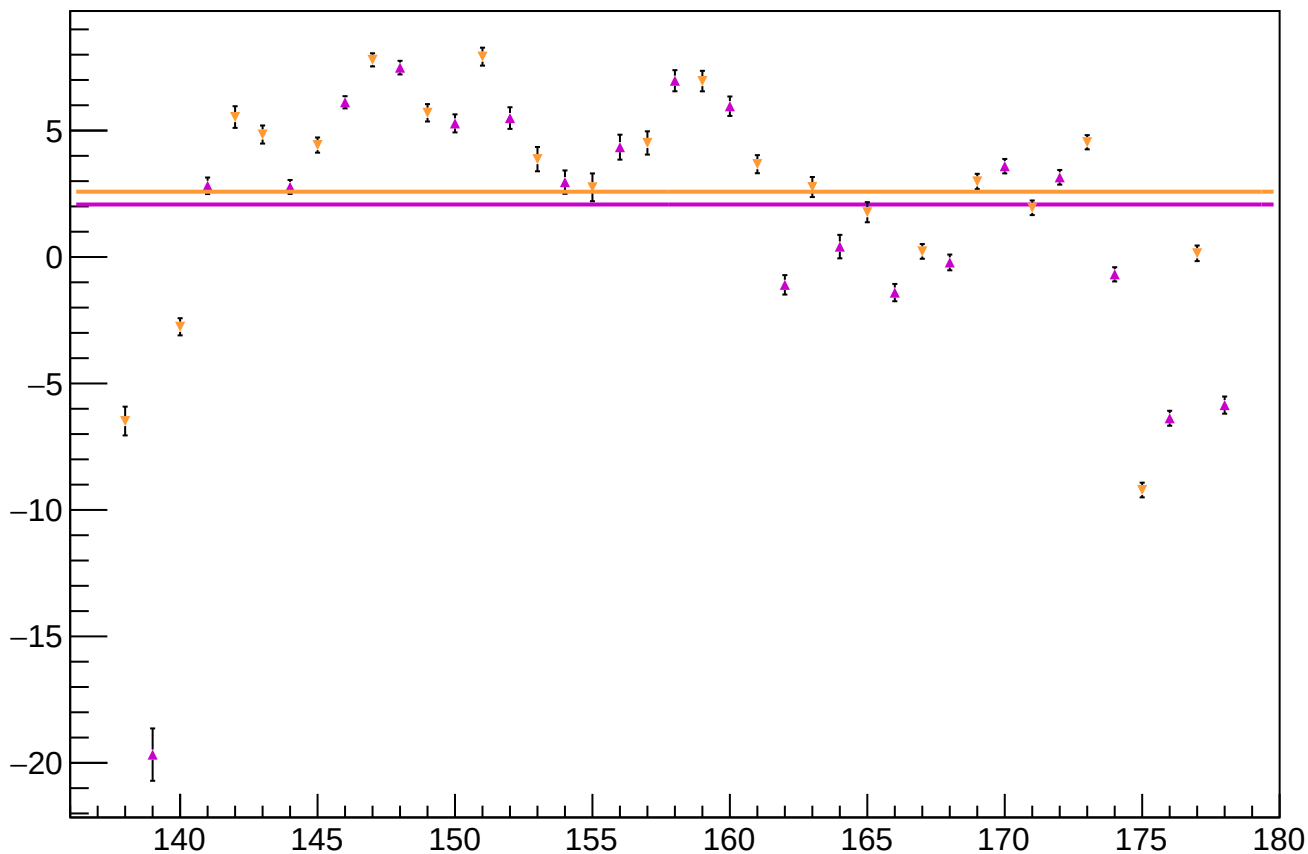
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 13.626 $\pm$ 0.101 χ^2 /NDF:7674.0/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 14.212 $\pm$ 0.099 χ^2 /NDF:7819.6/19

Left: 13.924 $\pm$ 0.070 χ^2 /NDF: 15511.0/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 14.212 $\pm$ 0.099 χ^2 /NDF:7819.6/19
 Out: 13.626 $\pm$ 0.101 χ^2 /NDF:7674.0/20
 All: 13.924 $\pm$ 0.070 χ^2 /NDF: 15511.0/40

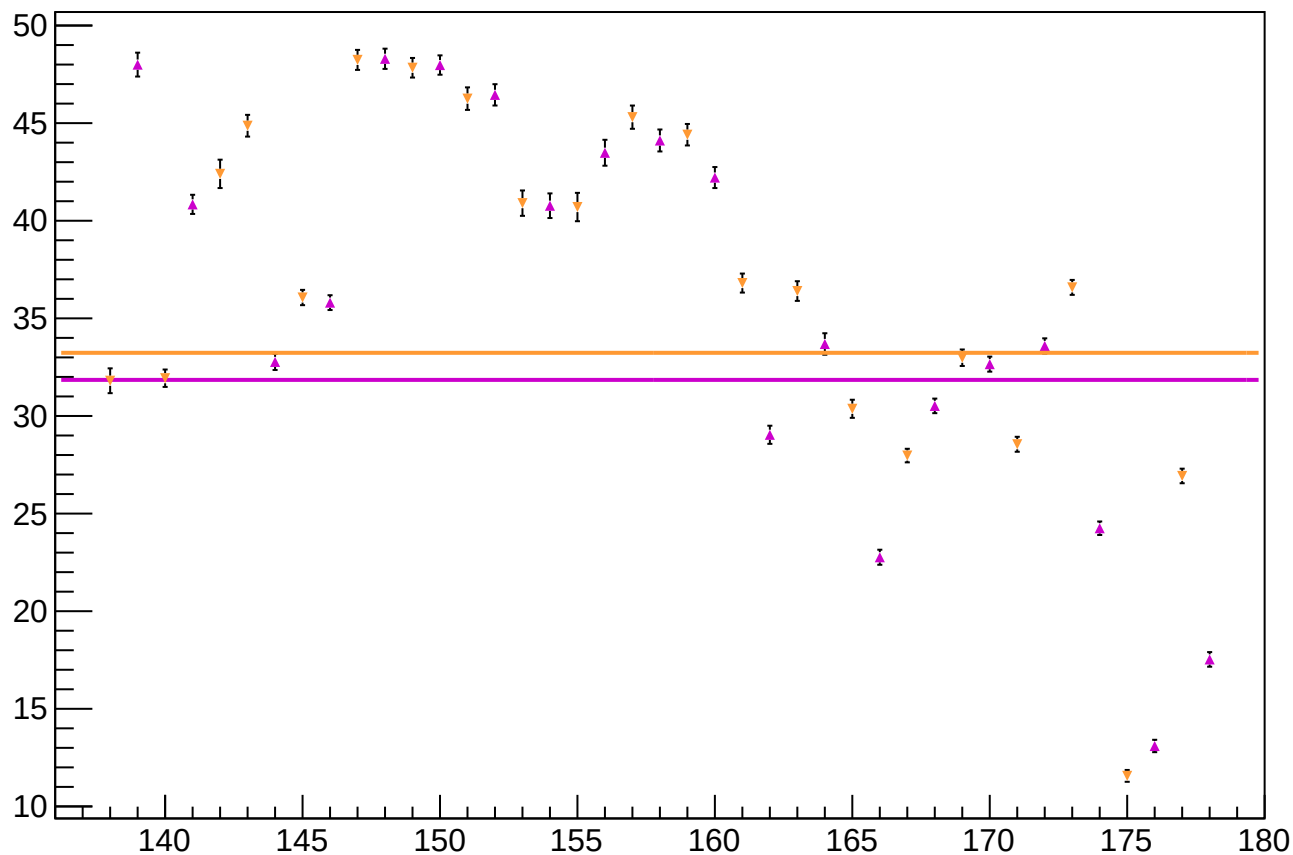
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.582 $\pm$ 0.075 χ^2 /NDF:3321.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.076 $\pm$ 0.075 χ^2 /NDF:3284.9/19

Left: 2.329 $\pm$ 0.053 χ^2 /NDF: 6628.5/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.076 $\pm$ 0.075 χ^2 /NDF:3284.9/19
 Out: 2.582 $\pm$ 0.075 χ^2 /NDF:3321.1/20
 All: 2.329 $\pm$ 0.053 χ^2 /NDF: 6628.5/40

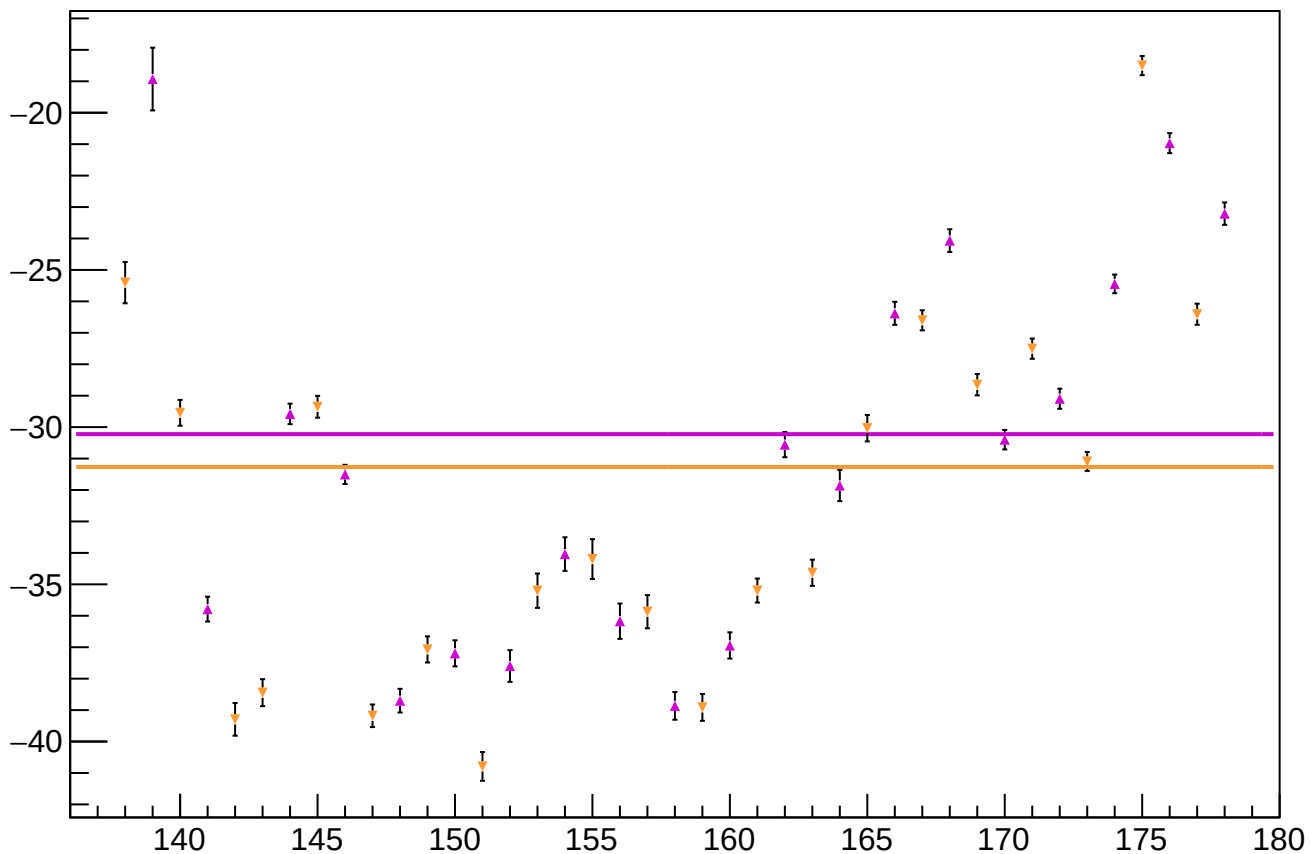
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 33.235 $\pm$ 0.101 χ^2 /NDF:9913.3/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 31.848 $\pm$ 0.099 χ^2 /NDF:11362.3/19

Left: 32.527 $\pm$ 0.070 χ^2 /NDF: 21372.3/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 31.848 $\pm$ 0.099 χ^2 /NDF:11362.3/19
 Out: 33.235 $\pm$ 0.101 χ^2 /NDF:9913.3/20
 All: 32.527 $\pm$ 0.070 χ^2 /NDF: 21372.3/40

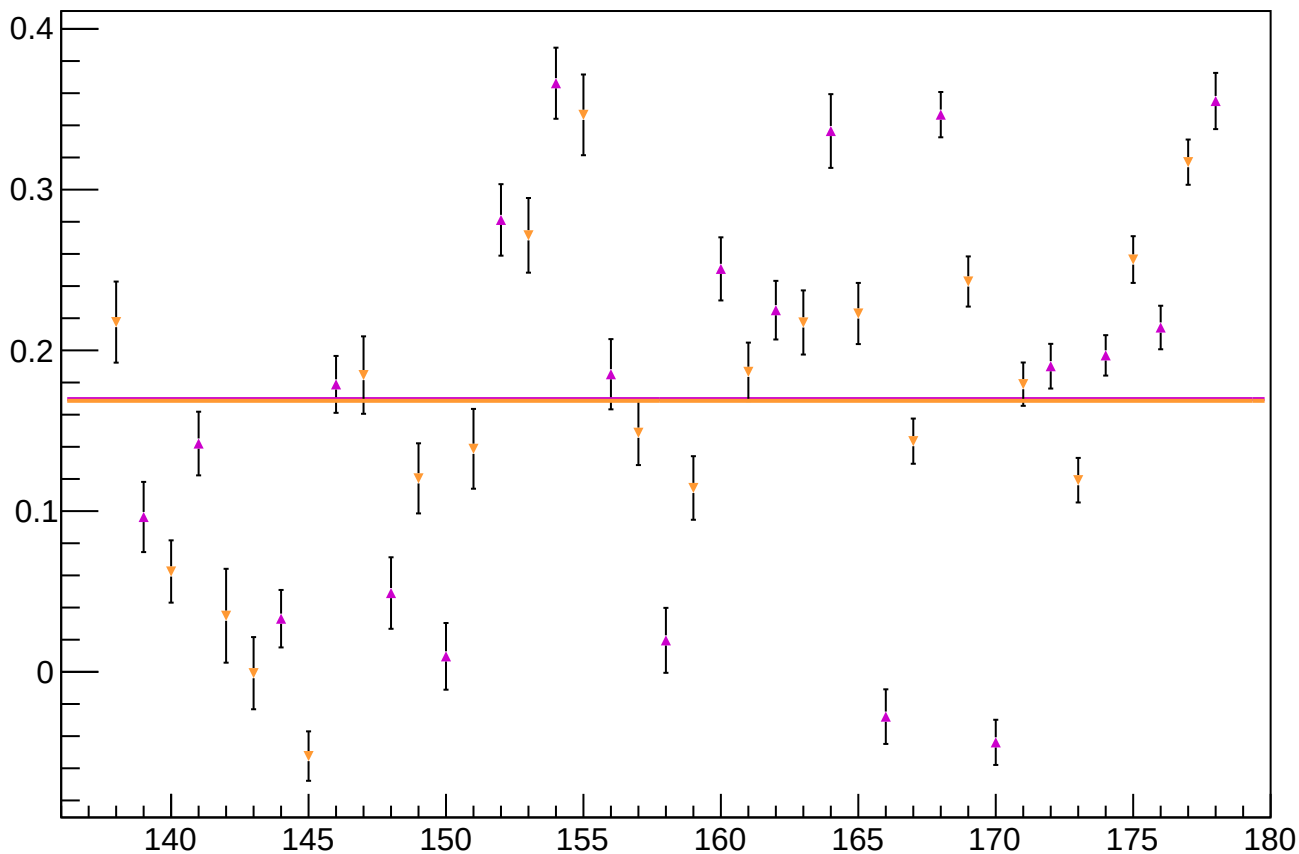
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left Out: -31.269 +/- 0.086 χ^2/NDF : 4779.0/20
 Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 Left In: -30.223 +/- 0.086 χ^2/NDF : 4074.4/19

Left: -30.745 +/- 0.061 χ^2/NDF : 8928.0/40
 Right: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
 In: -30.223 +/- 0.086 χ^2/NDF : 4074.4/19
 Out: -31.269 +/- 0.086 χ^2/NDF : 4779.0/20
 All: -30.745 +/- 0.061 χ^2/NDF : 8928.0/40

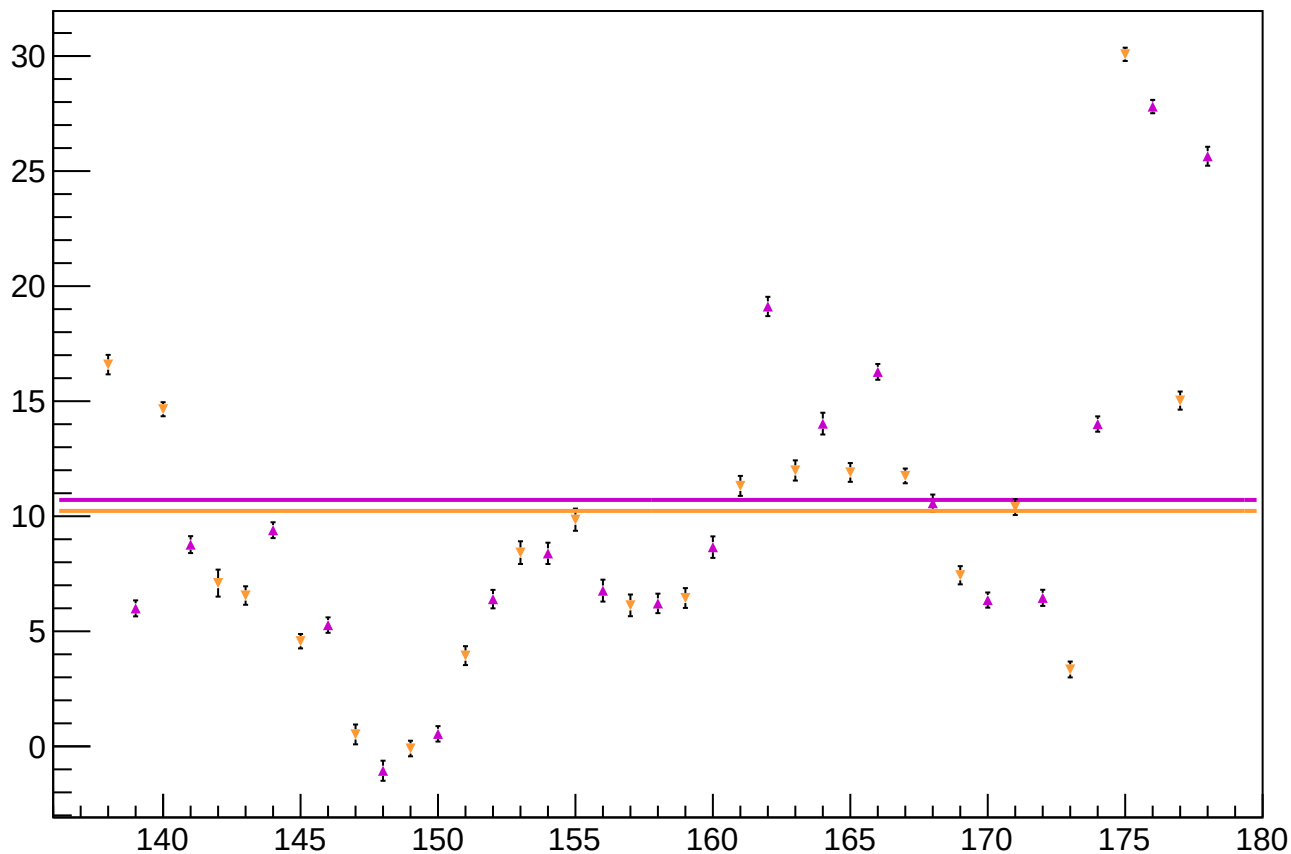
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.170 $\pm$ 0.004 χ^2 /NDF:1053.5/19

Left: 0.169 $\pm$ 0.003 χ^2 /NDF: 1658.9/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.170 $\pm$ 0.004 χ^2 /NDF:1053.5/19
 Out: 0.169 $\pm$ 0.004 χ^2 /NDF:605.4/20
 All: 0.169 $\pm$ 0.003 χ^2 /NDF: 1658.9/40

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.232+/-0.084 χ^2/NDF : 8081.8/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.709+/-0.084 χ^2/NDF : 8390.9/19

Left: 10.471+/-0.059 χ^2/NDF : 16488.9/40

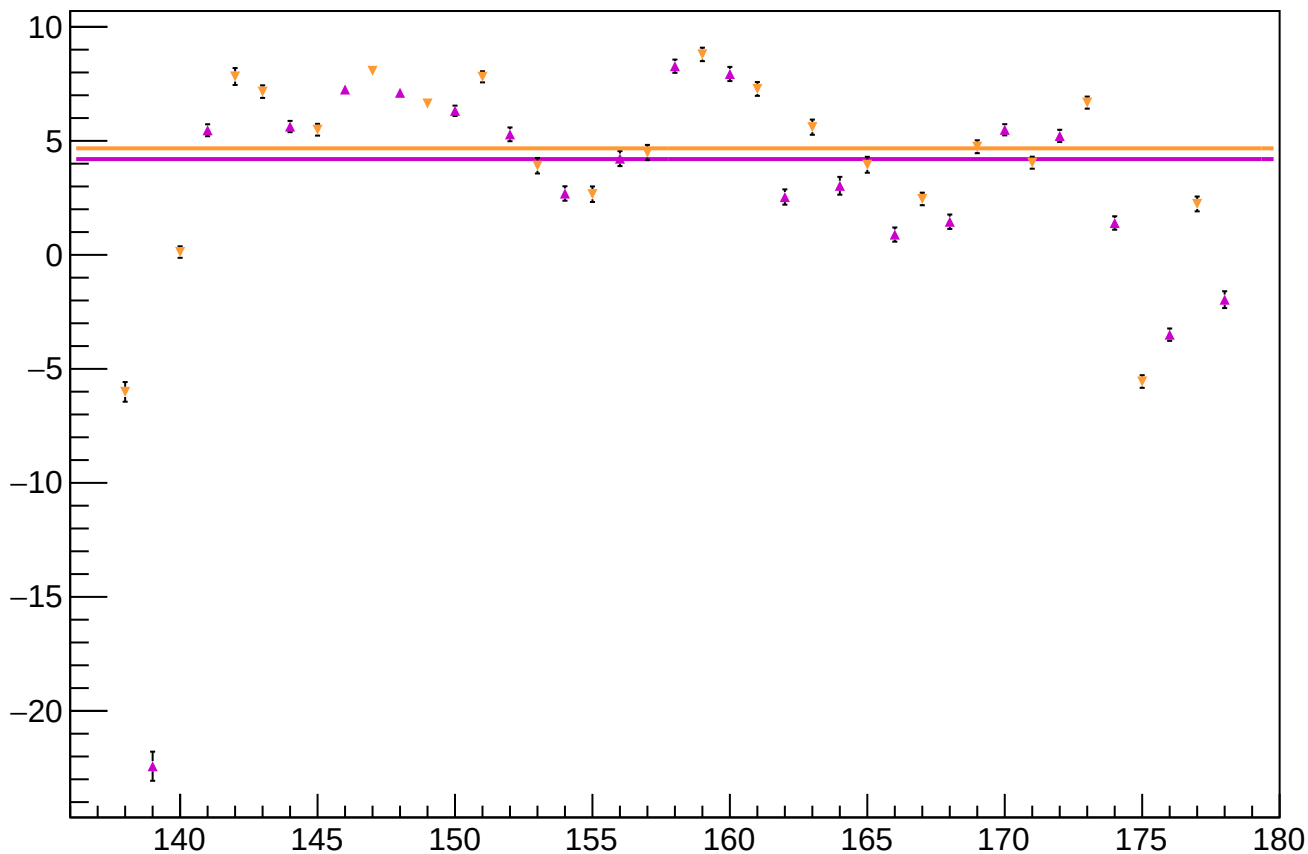
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 10.709+/-0.084 χ^2/NDF : 8390.9/19

Out: 10.232+/-0.084 χ^2/NDF : 8081.8/20

All: 10.471+/-0.059 χ^2/NDF : 16488.9/40

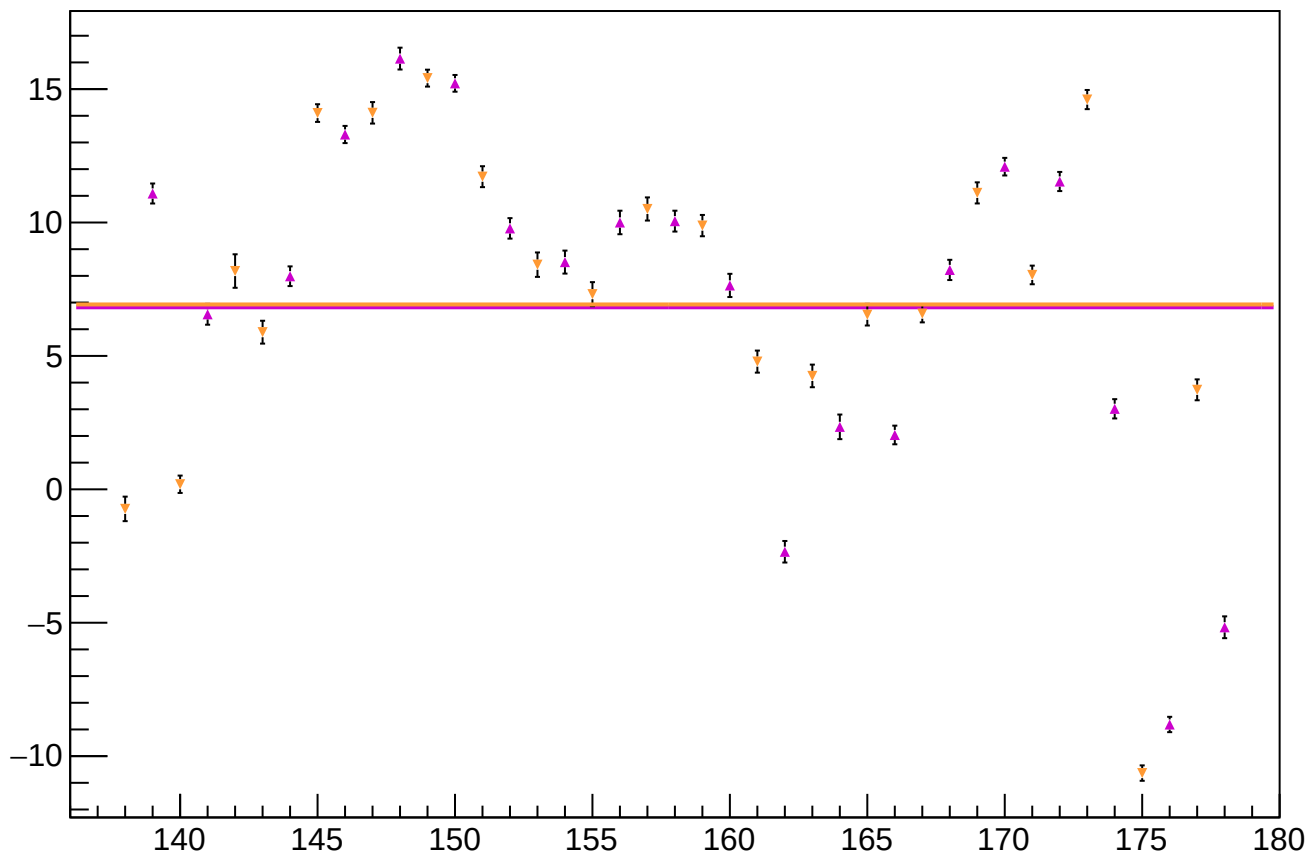
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.672+/-0.062 χ^2/NDF :3472.8/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.200+/-0.064 χ^2/NDF :4079.7/19

Left: 4.442+/-0.044 χ^2/NDF : 7580.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.200+/-0.064 χ^2/NDF :4079.7/19
 Out: 4.672+/-0.062 χ^2/NDF :3472.8/20
 All: 4.442+/-0.044 χ^2/NDF : 7580.6/40

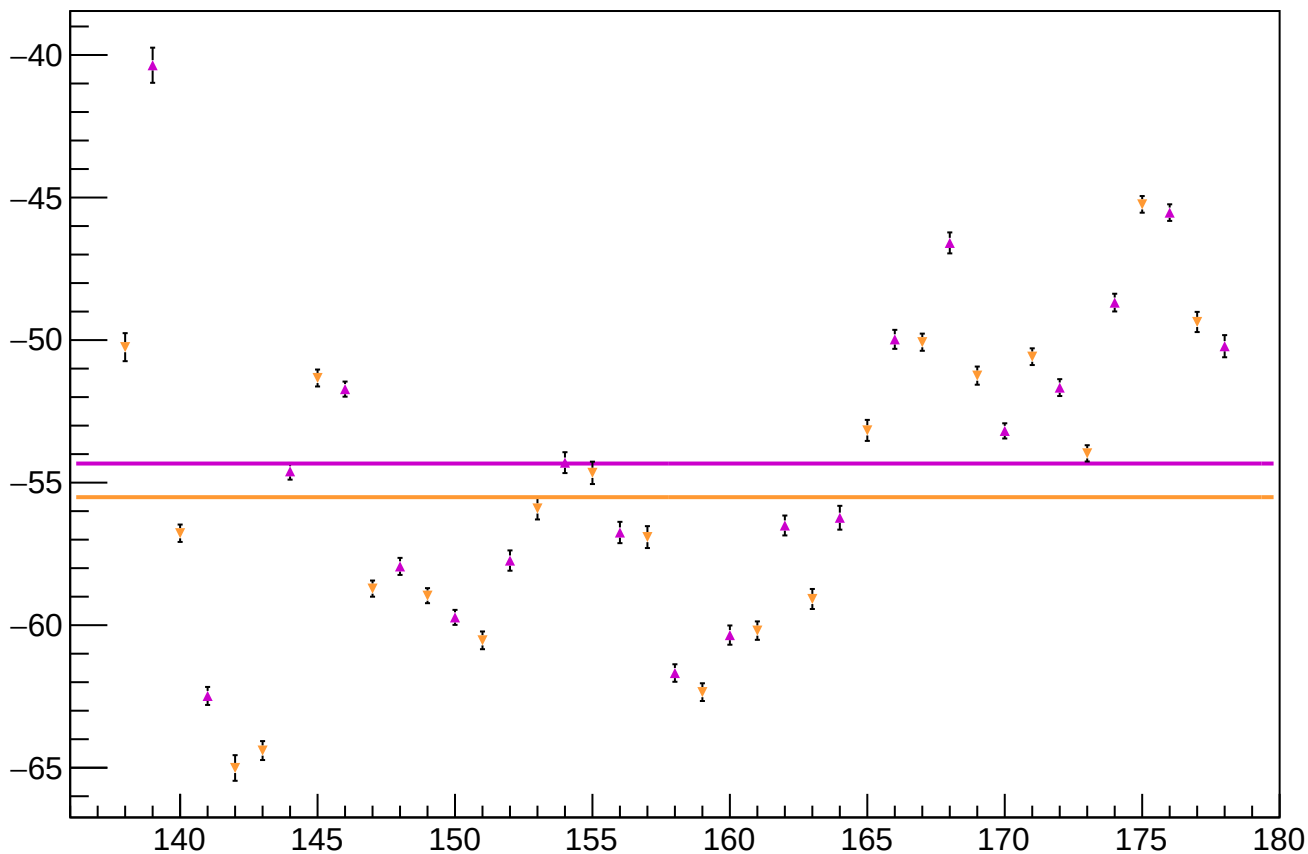
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.929+/-0.084 χ^2/NDF :6914.5/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.823+/-0.083 χ^2/NDF :7147.7/19

Left: 6.875+/-0.059 χ^2/NDF : 14063.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.823+/-0.083 χ^2/NDF :7147.7/19
 Out: 6.929+/-0.084 χ^2/NDF :6914.5/20
 All: 6.875+/-0.059 χ^2/NDF : 14063.0/40

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.510+/-0.071 χ^2/NDF : 5261.3/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -54.330+/-0.072 χ^2/NDF : 4995.1/19

Left: -54.930+/-0.051 χ^2/NDF : 10391.3/40

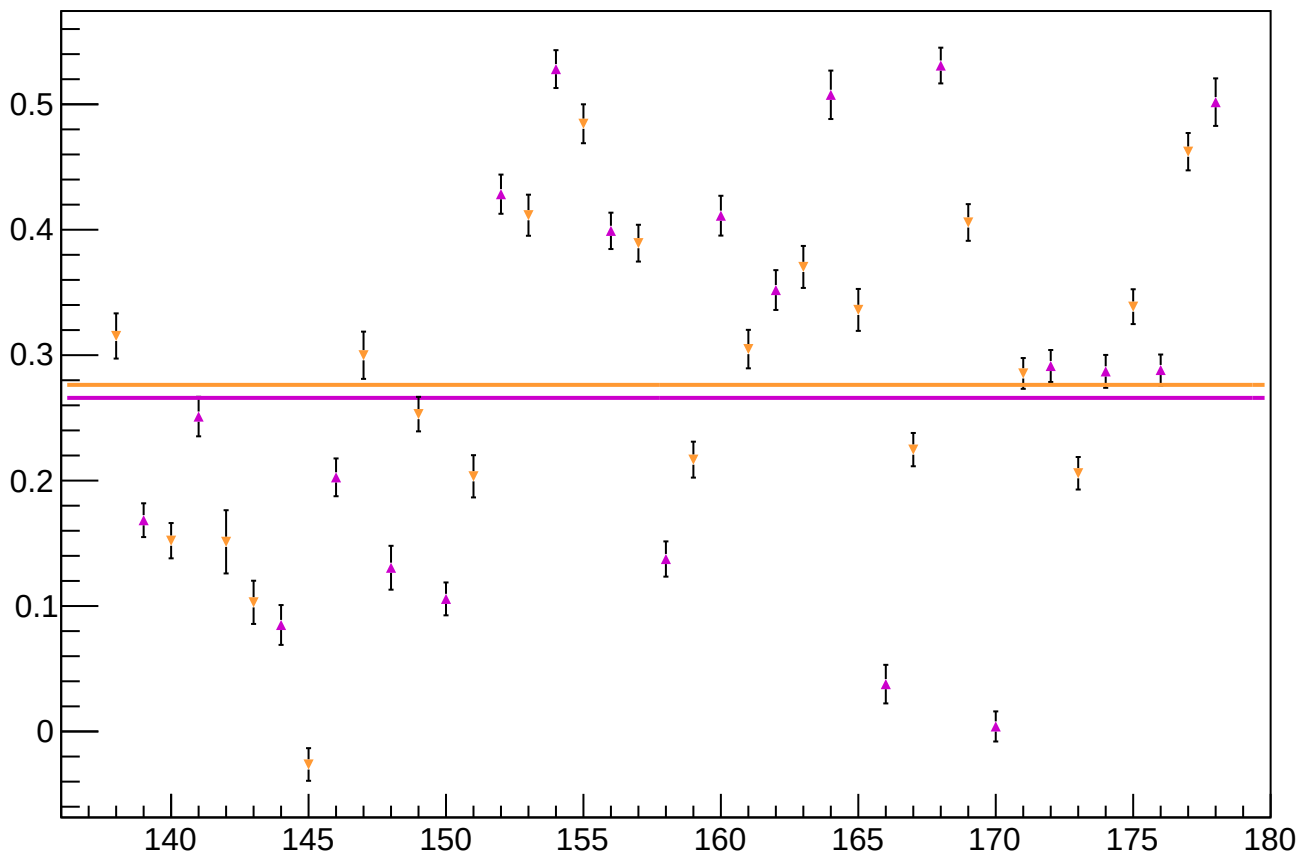
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -54.330+/-0.072 χ^2/NDF : 4995.1/19

Out: -55.510+/-0.071 χ^2/NDF : 5261.3/20

All: -54.930+/-0.051 χ^2/NDF : 10391.3/40

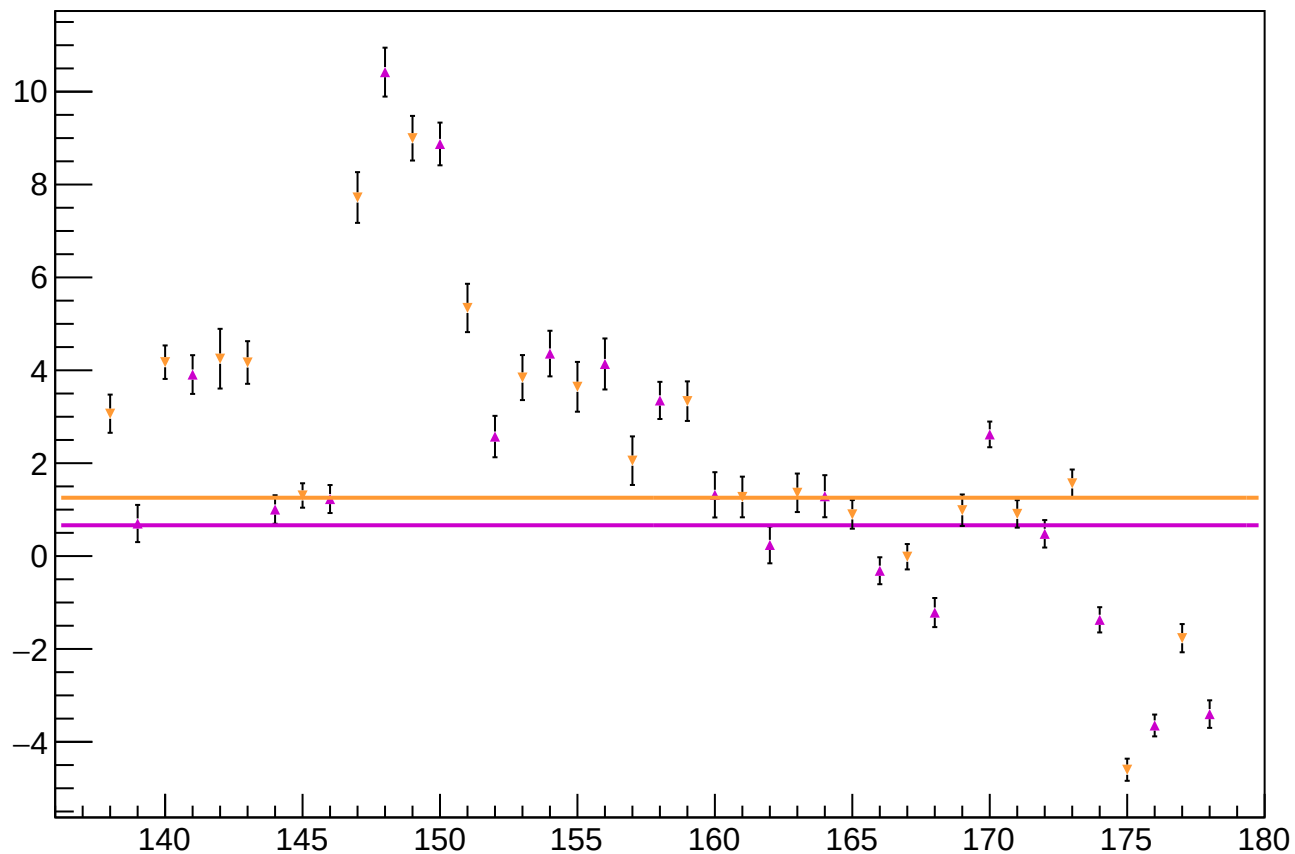
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.276 $\pm$ 0.003 χ^2/NDF :1445.1/20
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.266 $\pm$ 0.003 χ^2/NDF :2464.9/19

Left: 0.271 $\pm$ 0.002 χ^2/NDF : 3915.0/40
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.266 $\pm$ 0.003 χ^2/NDF :2464.9/19
 Out: 0.276 $\pm$ 0.003 χ^2/NDF :1445.1/20
 All: 0.271 $\pm$ 0.002 χ^2/NDF : 3915.0/40

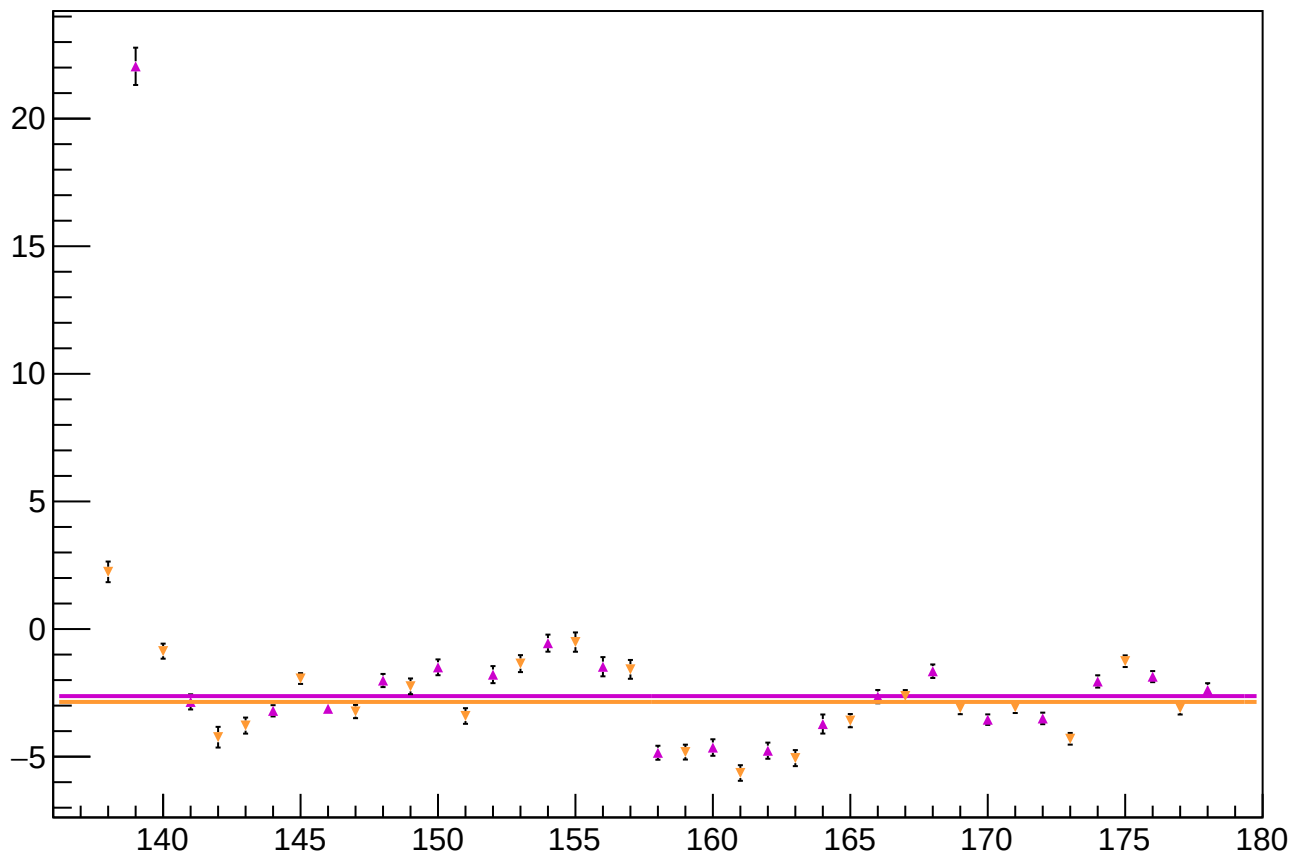
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.663+/-0.078 χ^2/NDF :1570.2/19

Left: 0.953+/-0.056 χ^2/NDF : 3010.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.663+/-0.078 χ^2/NDF :1570.2/19
 Out: 1.256+/-0.079 χ^2/NDF :1411.9/20
 All: 0.953+/-0.056 χ^2/NDF : 3010.6/40

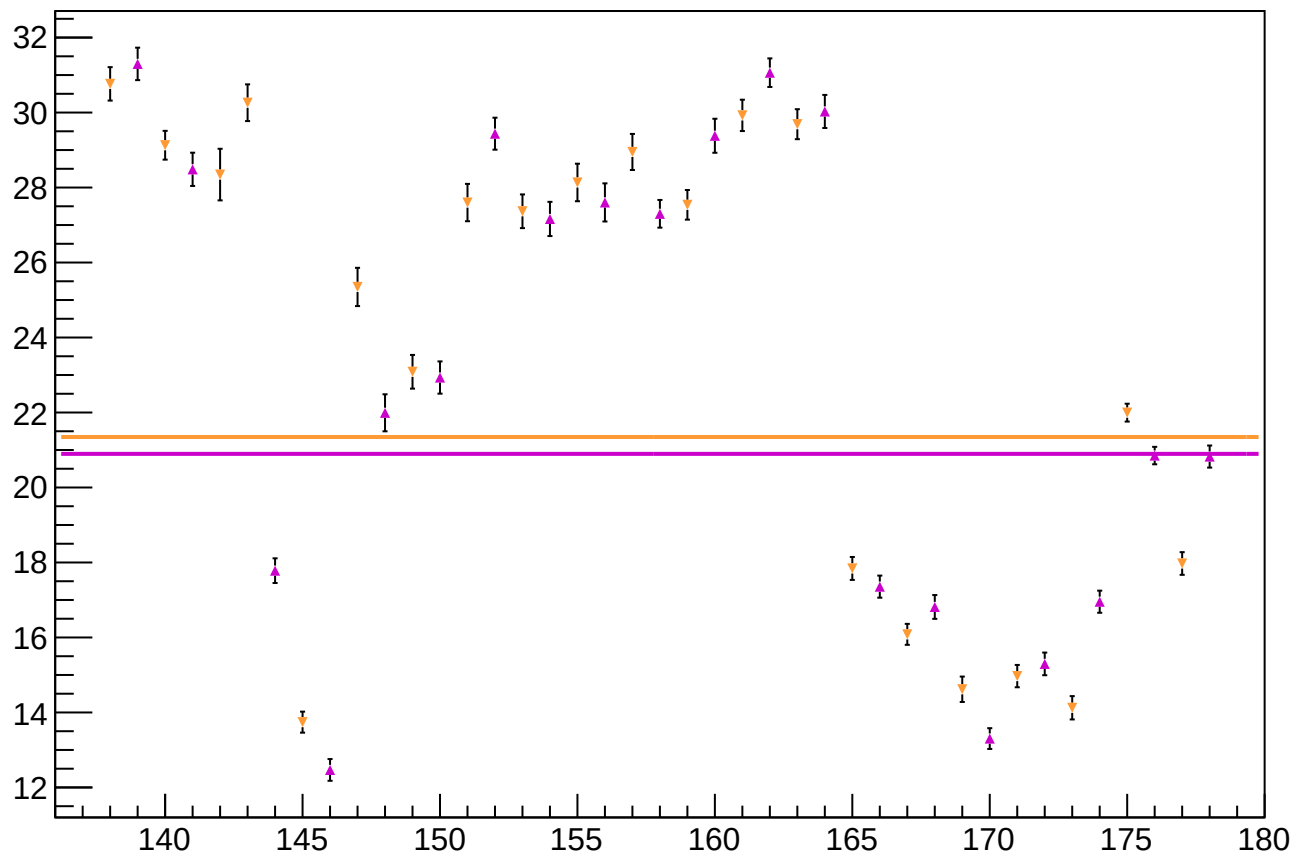
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.855 $\pm$ 0.061 χ^2 /NDF:601.4/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.628 $\pm$ 0.060 χ^2 /NDF:1452.6/19

Left: -2.741 $\pm$ 0.043 χ^2 /NDF: 2061.2/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.628 $\pm$ 0.060 χ^2 /NDF:1452.6/19
 Out: -2.855 $\pm$ 0.061 χ^2 /NDF:601.4/20
 All: -2.741 $\pm$ 0.043 χ^2 /NDF: 2061.2/40

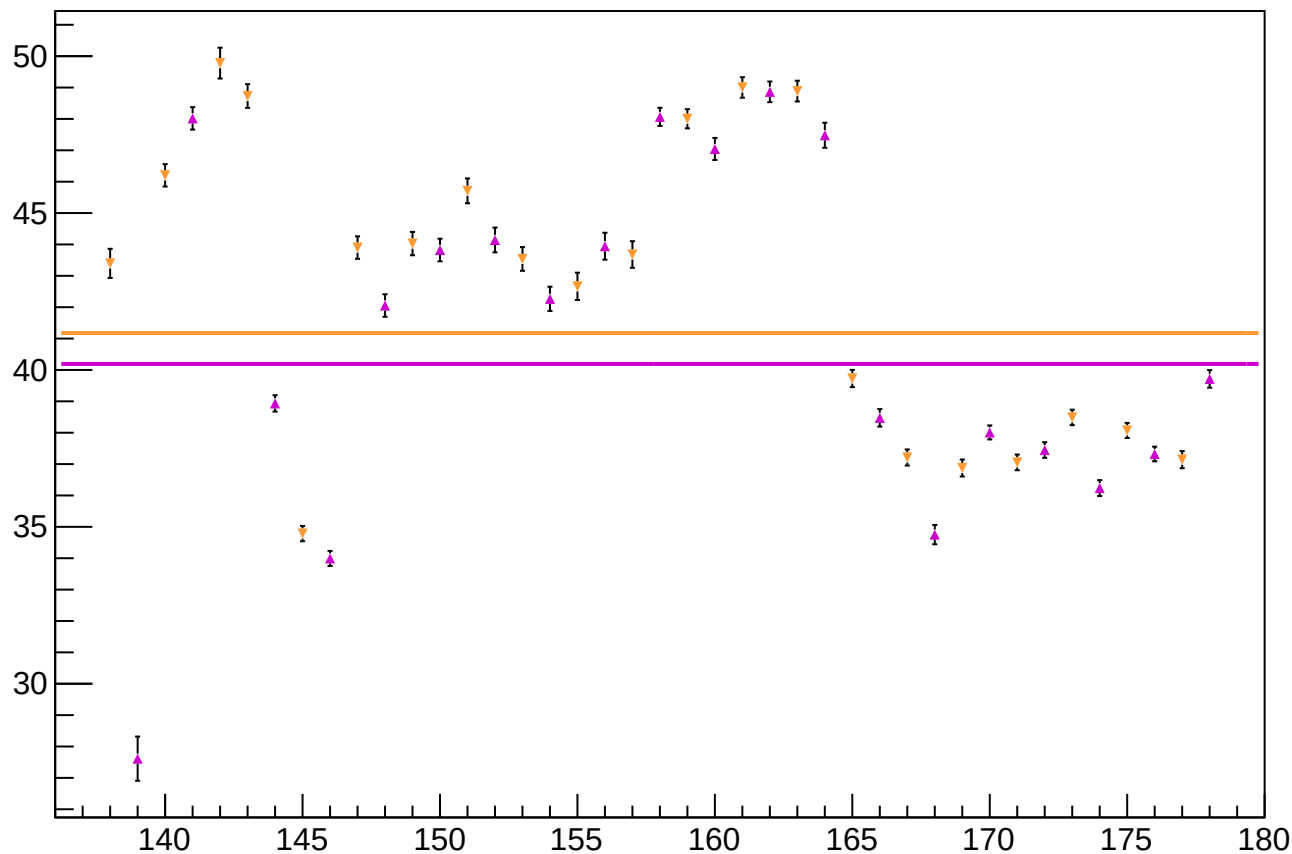
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.347+/-0.080 χ^2/NDF : 5985.7/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.897+/-0.078 χ^2/NDF : 5969.5/19

Left: 21.116+/-0.056 χ^2/NDF : 11971.6/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.897+/-0.078 χ^2/NDF : 5969.5/19
 Out: 21.347+/-0.080 χ^2/NDF : 5985.7/20
 All: 21.116+/-0.056 χ^2/NDF : 11971.6/40

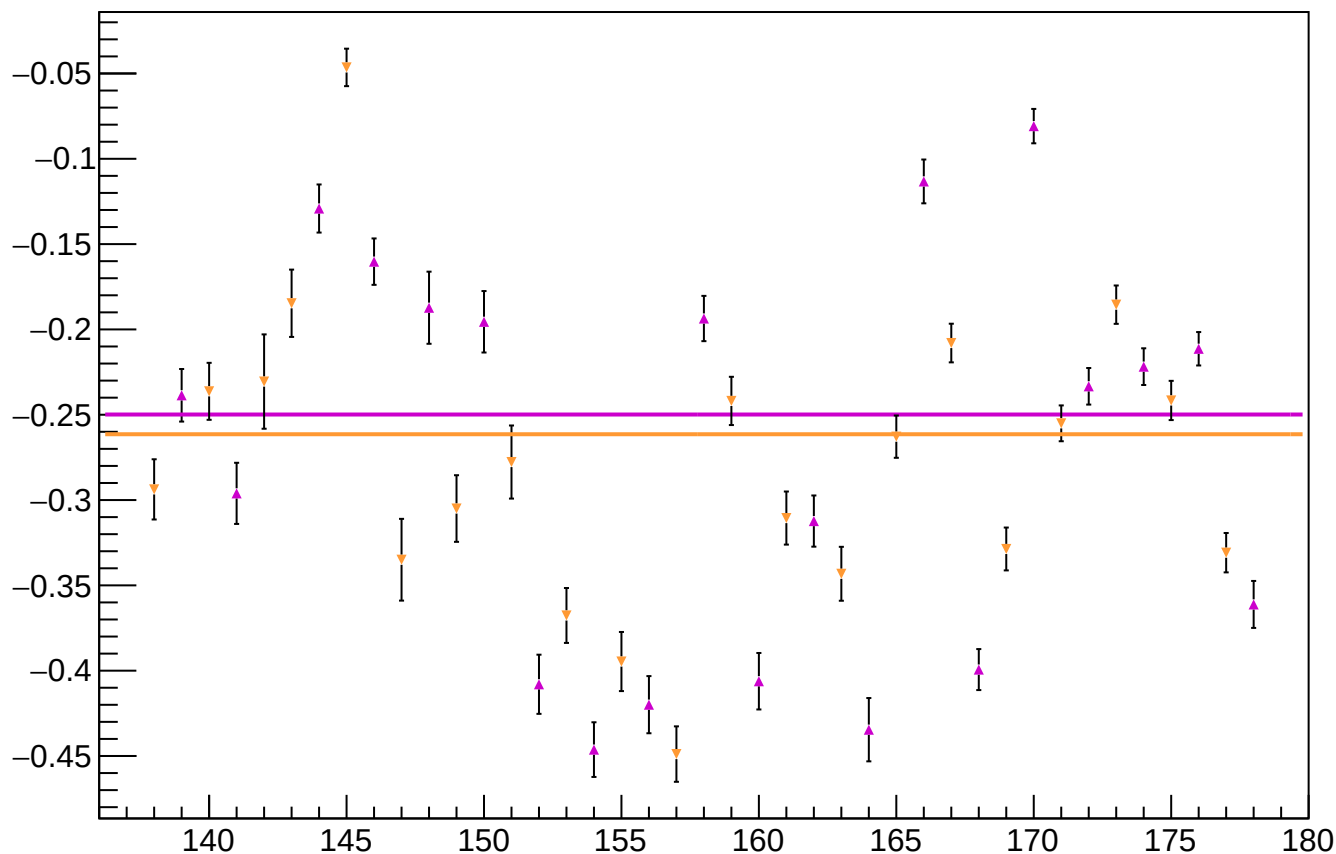
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.192+/-0.068 χ^2/NDF : 4928.9/19

Left: 40.681+/-0.048 χ^2/NDF : 9887.5/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.192+/-0.068 χ^2/NDF : 4928.9/19
 Out: 41.177+/-0.068 χ^2/NDF : 4853.9/20
 All: 40.681+/-0.048 χ^2/NDF : 9887.5/40

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.250 $\pm$ 0.003 χ^2 /NDF:1341.4/19

Left: -0.256 $\pm$ 0.002 χ^2 /NDF: 2179.0/40

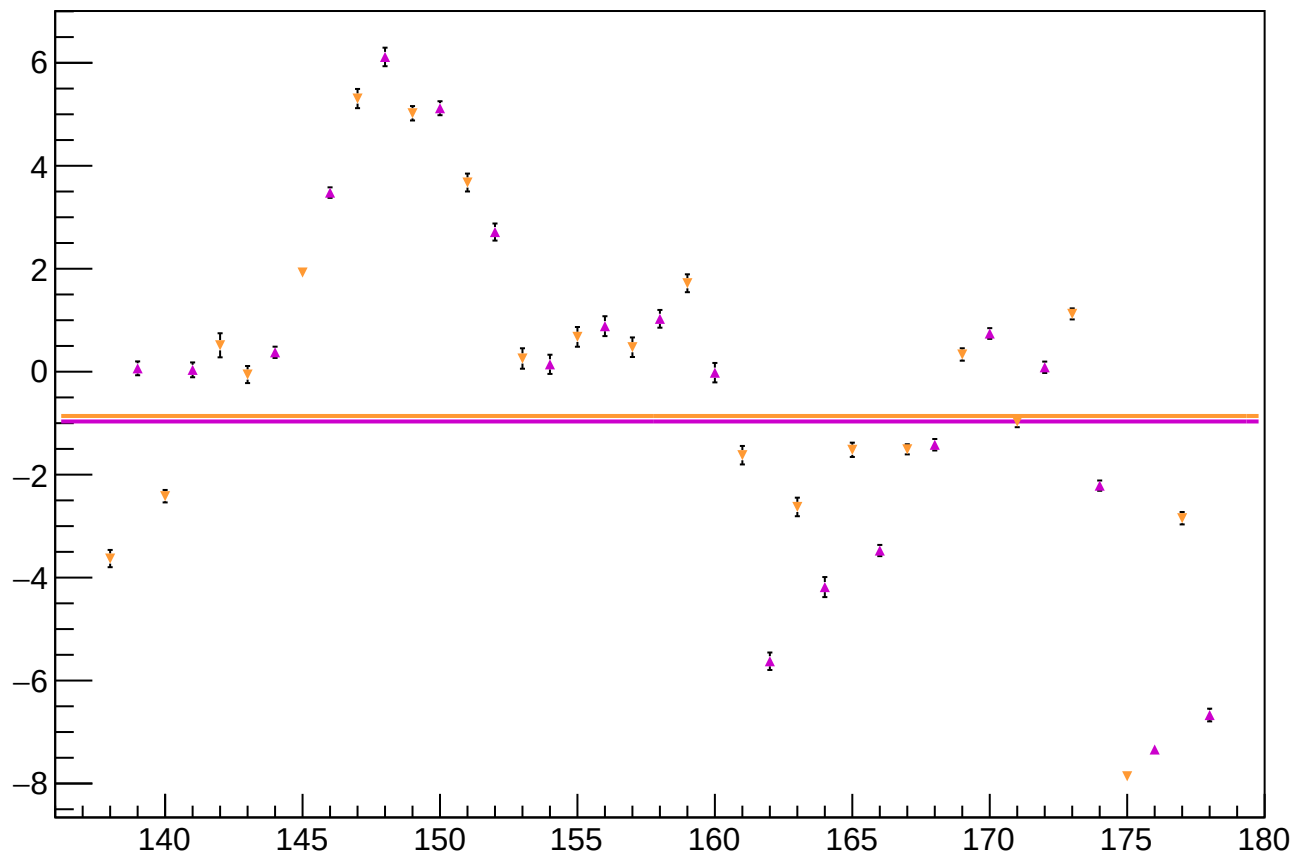
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.250 $\pm$ 0.003 χ^2 /NDF:1341.4/19

Out: -0.261 $\pm$ 0.003 χ^2 /NDF:830.7/20

All: -0.256 $\pm$ 0.002 χ^2 /NDF: 2179.0/40

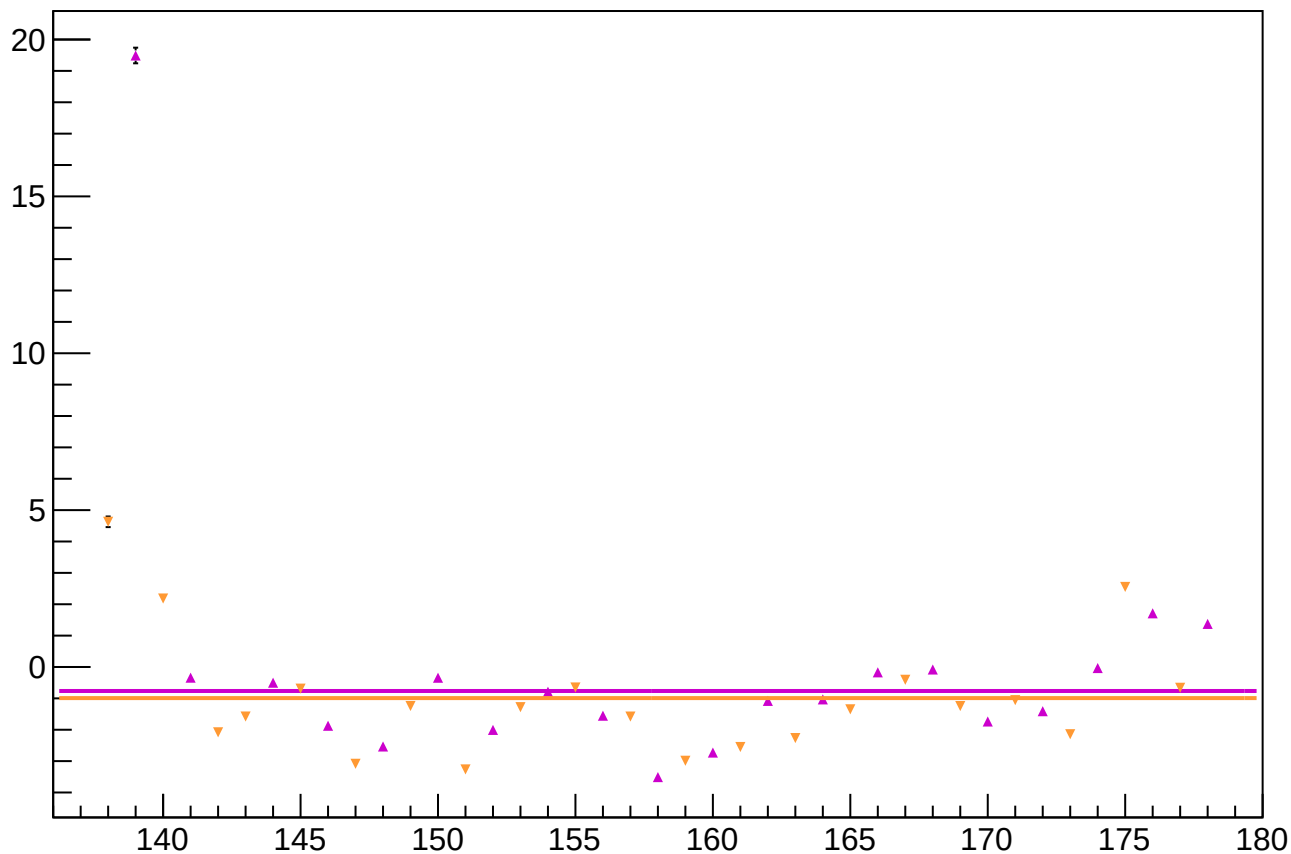
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.860+/-0.029 χ^2/NDF :12564.0/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.967+/-0.029 χ^2/NDF :15479.3/19

Left: -0.915+/-0.021 χ^2/NDF : 28050.1/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.967+/-0.029 χ^2/NDF :15479.3/19
 Out: -0.860+/-0.029 χ^2/NDF :12564.0/20
 All: -0.915+/-0.021 χ^2/NDF : 28050.1/40

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



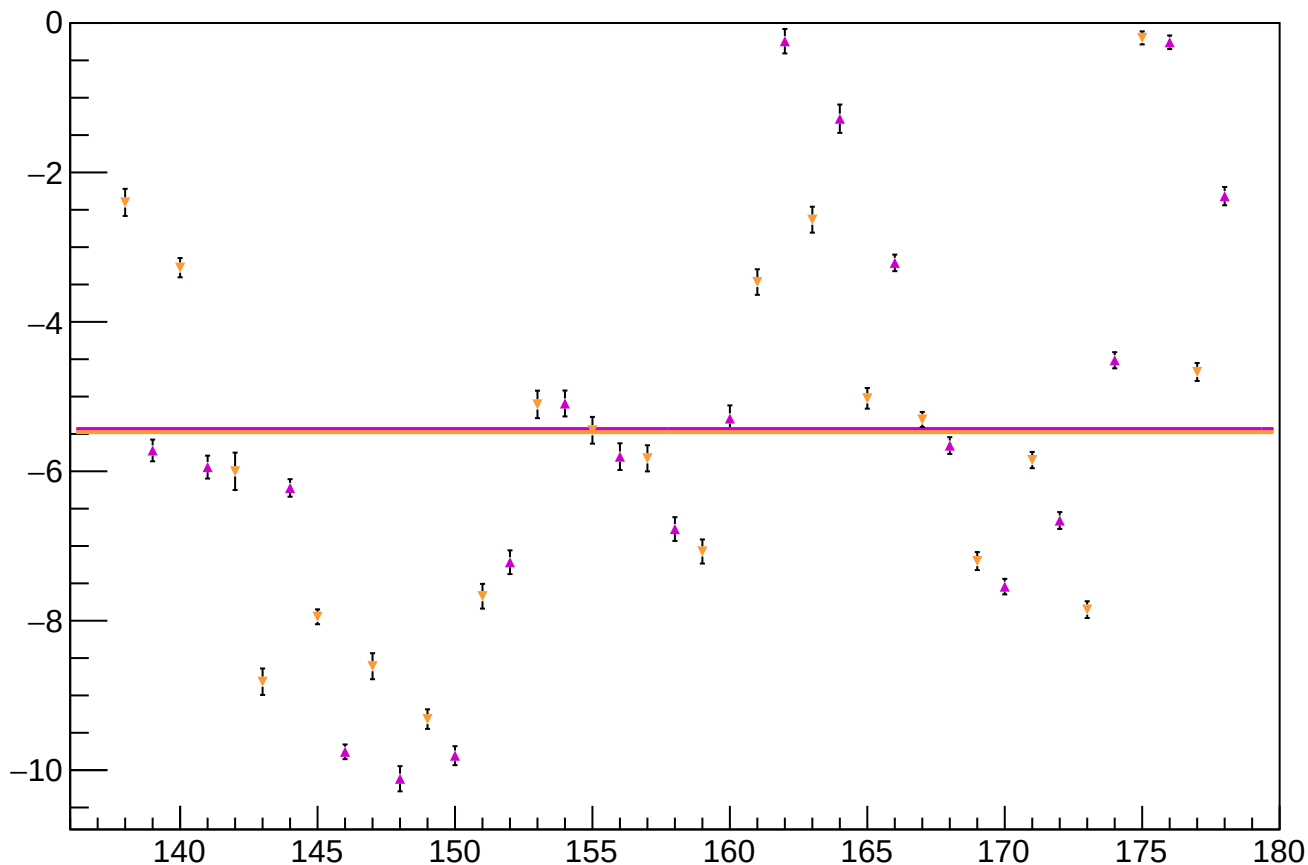
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.765+/-0.022 χ^2/NDF : 9822.0/19

Left: -0.878+/-0.016 χ^2/NDF : 15722.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.765+/-0.022 χ^2/NDF : 9822.0/19
 Out: -0.991+/-0.022 χ^2/NDF : 5848.4/20

All: -0.878+/-0.016 χ^2/NDF : 15722.0/40

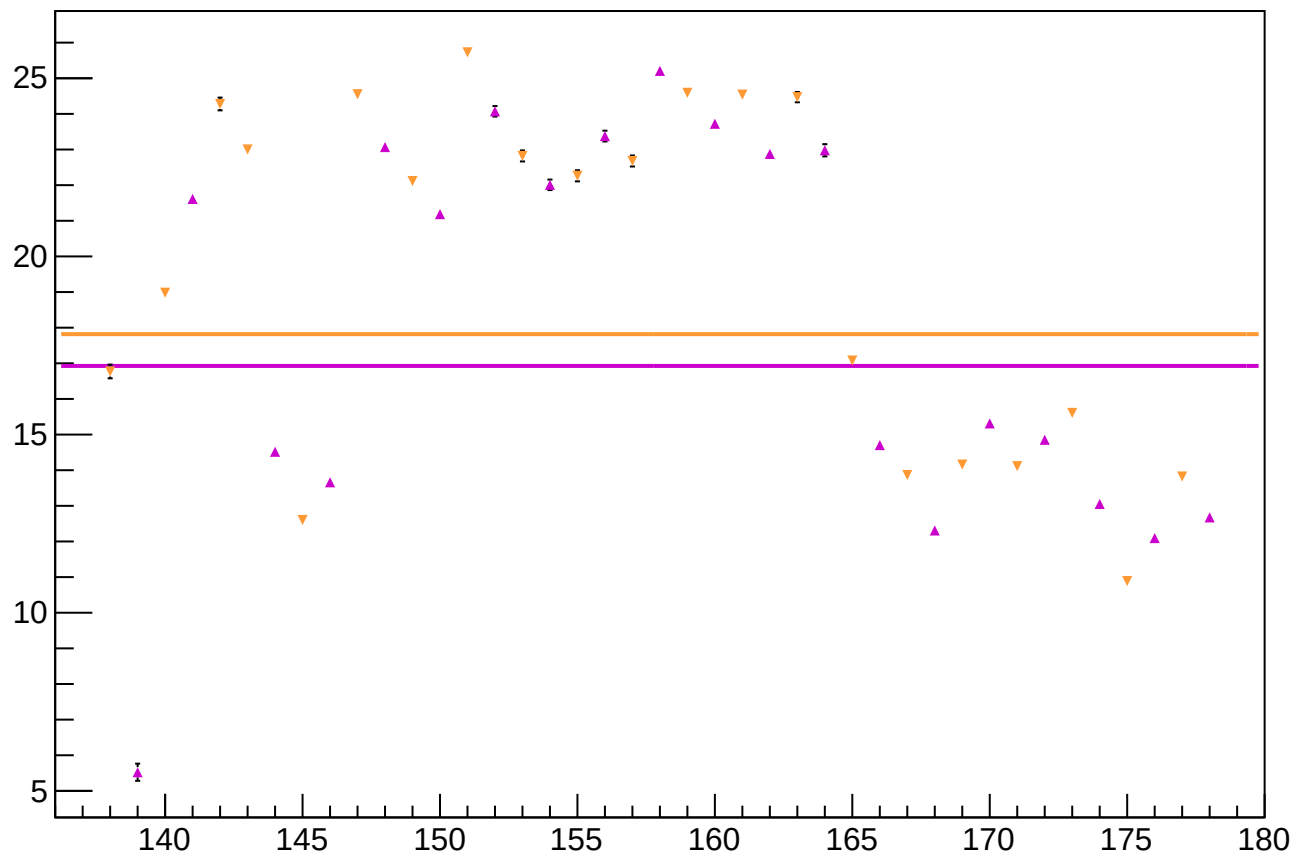
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.475+/-0.029 χ^2/NDF : 7784.2/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.435+/-0.029 χ^2/NDF : 10502.6/19

Left: -5.455+/-0.021 χ^2/NDF : 18287.8/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.435+/-0.029 χ^2/NDF : 10502.6/19
 Out: -5.475+/-0.029 χ^2/NDF : 7784.2/20
 All: -5.455+/-0.021 χ^2/NDF : 18287.8/40

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.927+/-0.025 χ^2/NDF :34109.2/19

Left: 17.371+/-0.018 χ^2/NDF : 72748.9/40

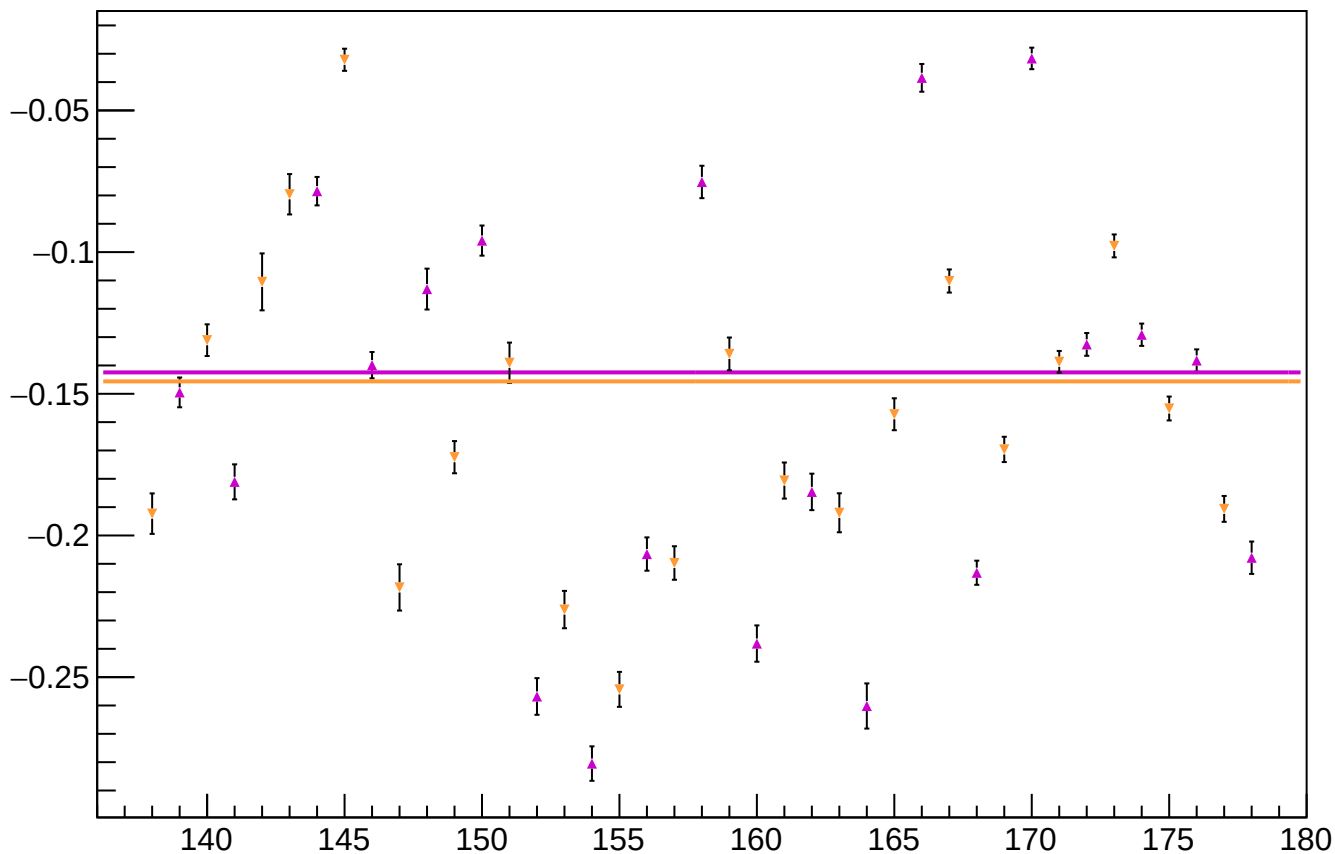
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.927+/-0.025 χ^2/NDF :34109.2/19

Out: 17.819+/-0.025 χ^2/NDF :38017.7/20

All: 17.371+/-0.018 χ^2/NDF : 72748.9/40

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.146+/-0.001 χ^2/NDF :2102.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.142+/-0.001 χ^2/NDF :3593.8/19

Left: -0.144+/-0.001 χ^2/NDF : 5700.2/40

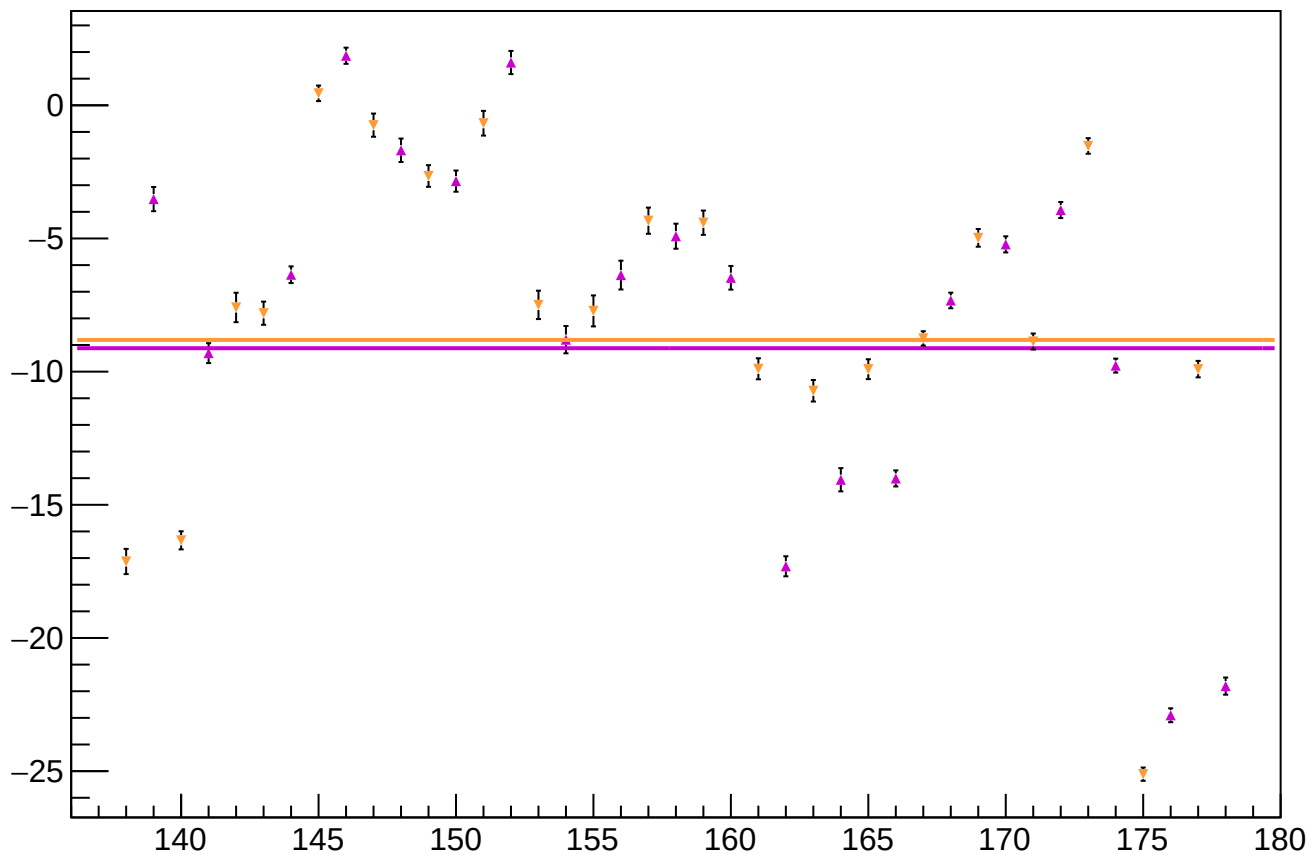
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.142+/-0.001 χ^2/NDF :3593.8/19

Out: -0.146+/-0.001 χ^2/NDF :2102.6/20

All: -0.144+/-0.001 χ^2/NDF : 5700.2/40

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.810 $\pm$ 0.080 χ^2 /NDF:7959.5/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.120 $\pm$ 0.078 χ^2 /NDF:8525.7/19

Left: -8.968 $\pm$ 0.056 χ^2 /NDF: 16492.9/40

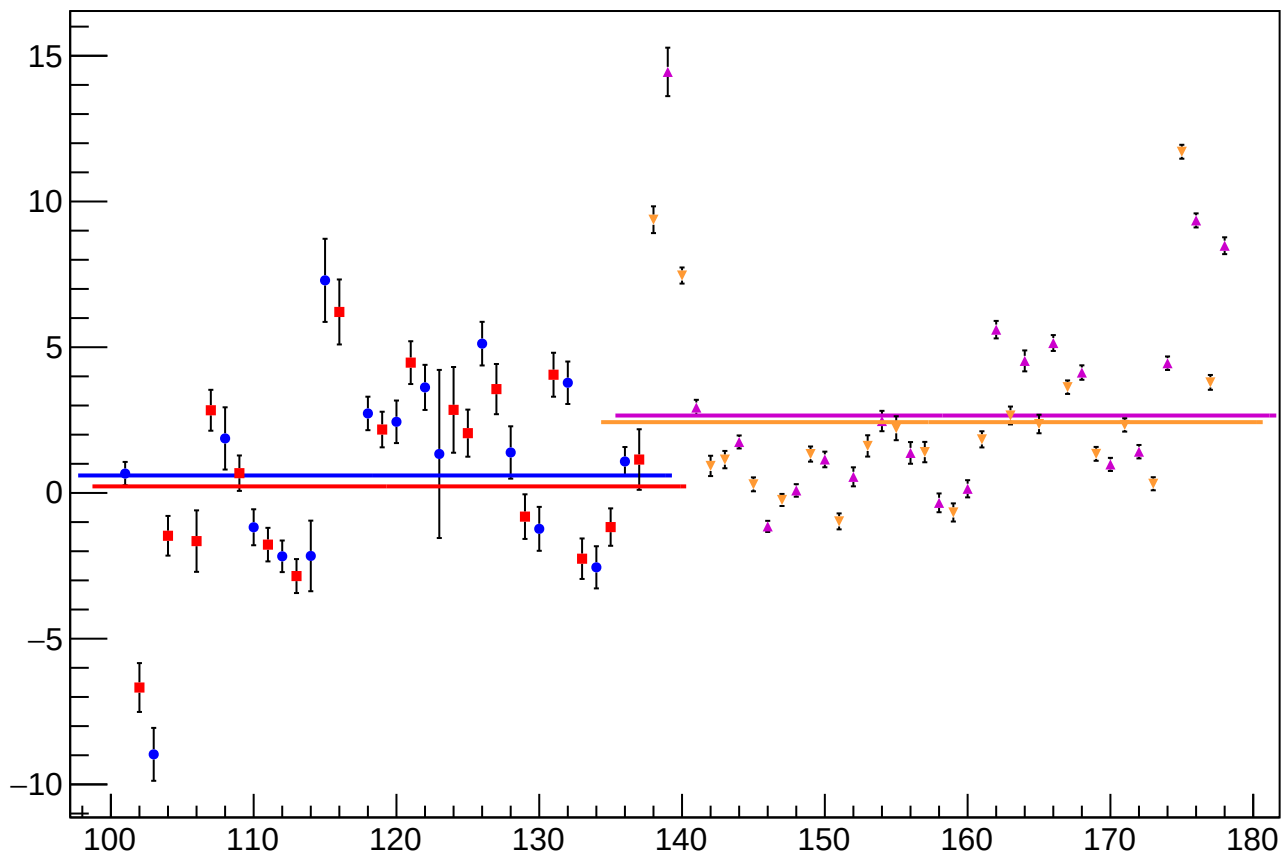
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.120 $\pm$ 0.078 χ^2 /NDF:8525.7/19

Out: -8.810 $\pm$ 0.080 χ^2 /NDF:7959.5/20

All: -8.968 $\pm$ 0.056 χ^2 /NDF: 16492.9/40

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 2.429 $\pm$ 0.060 χ^2 /NDF:2803.7/20

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 2.657 $\pm$ 0.060 χ^2 /NDF:2564.8/19

Left: 2.543 $\pm$ 0.042 χ^2 /NDF: 5375.7/40

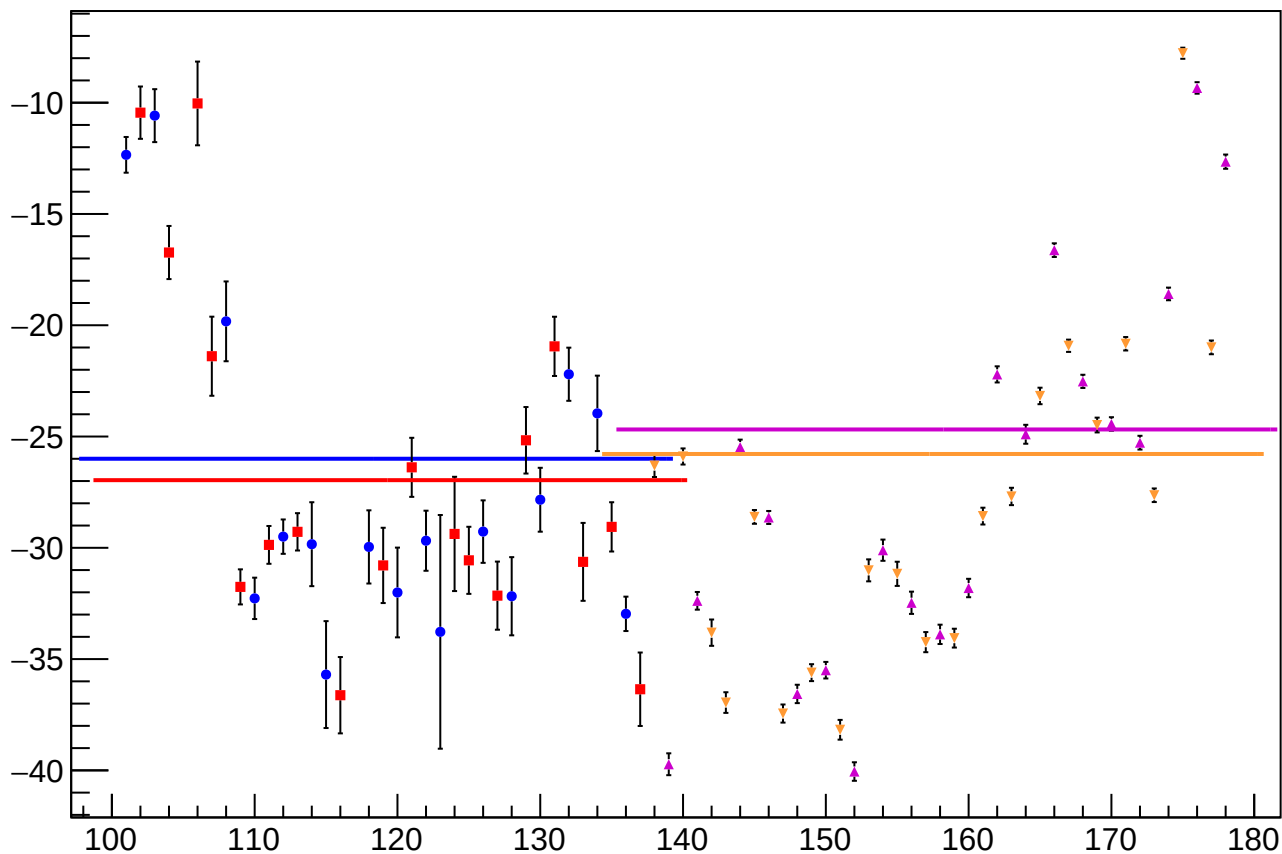
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 2.428 $\pm$ 0.056 χ^2 /NDF:2988.0/36

Out: 2.198 $\pm$ 0.057 χ^2 /NDF:3219.2/38

All: 2.313 $\pm$ 0.040 χ^2 /NDF: 6215.5/75

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -25.784 ± 0.080 χ^2/NDF : 10261.9/20

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -24.683 ± 0.078 χ^2/NDF : 11844.6/19

Left: -25.222 ± 0.056 χ^2/NDF : 22203.4/40

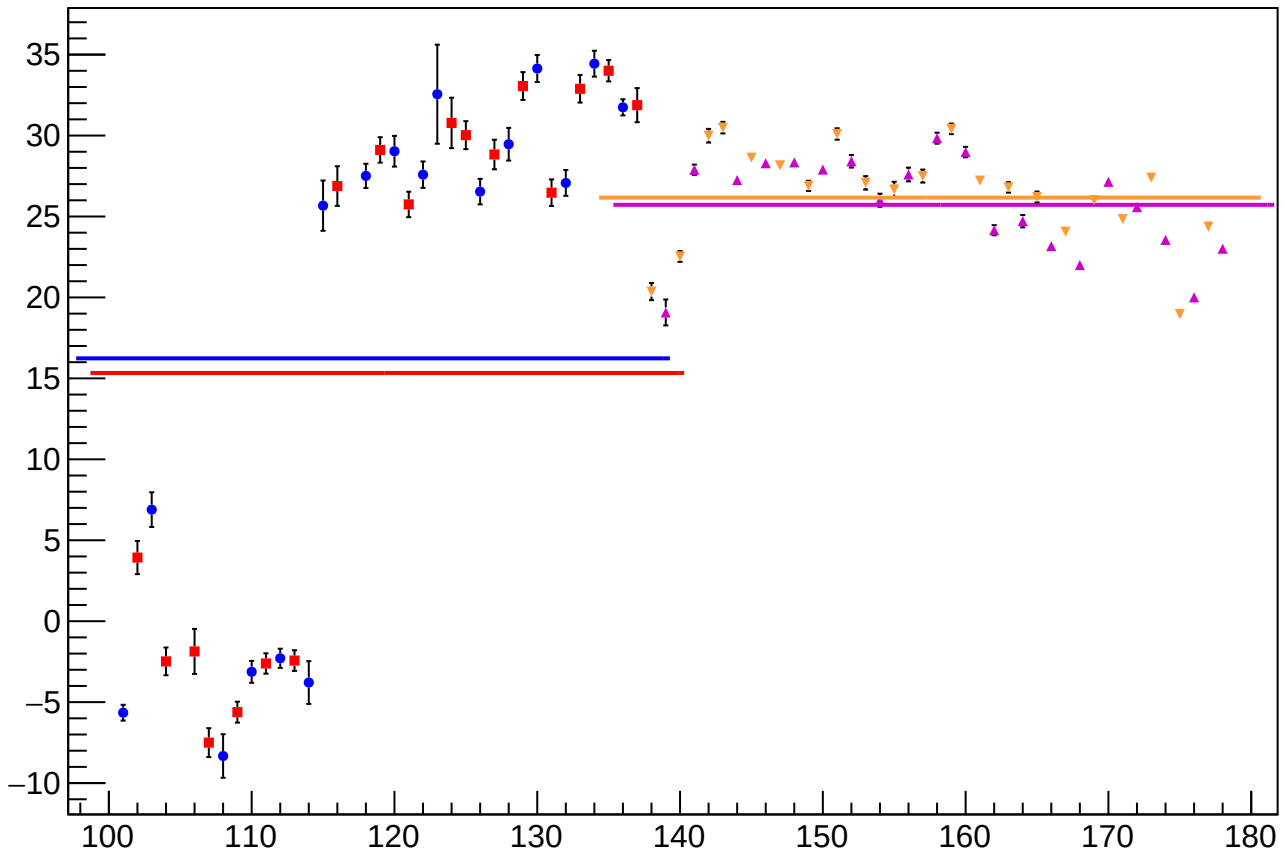
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -24.766 ± 0.076 χ^2/NDF : 12555.2/36

Out: -25.863 ± 0.077 χ^2/NDF : 10811.8/38

All: -25.305 ± 0.054 χ^2/NDF : 23469.8/75

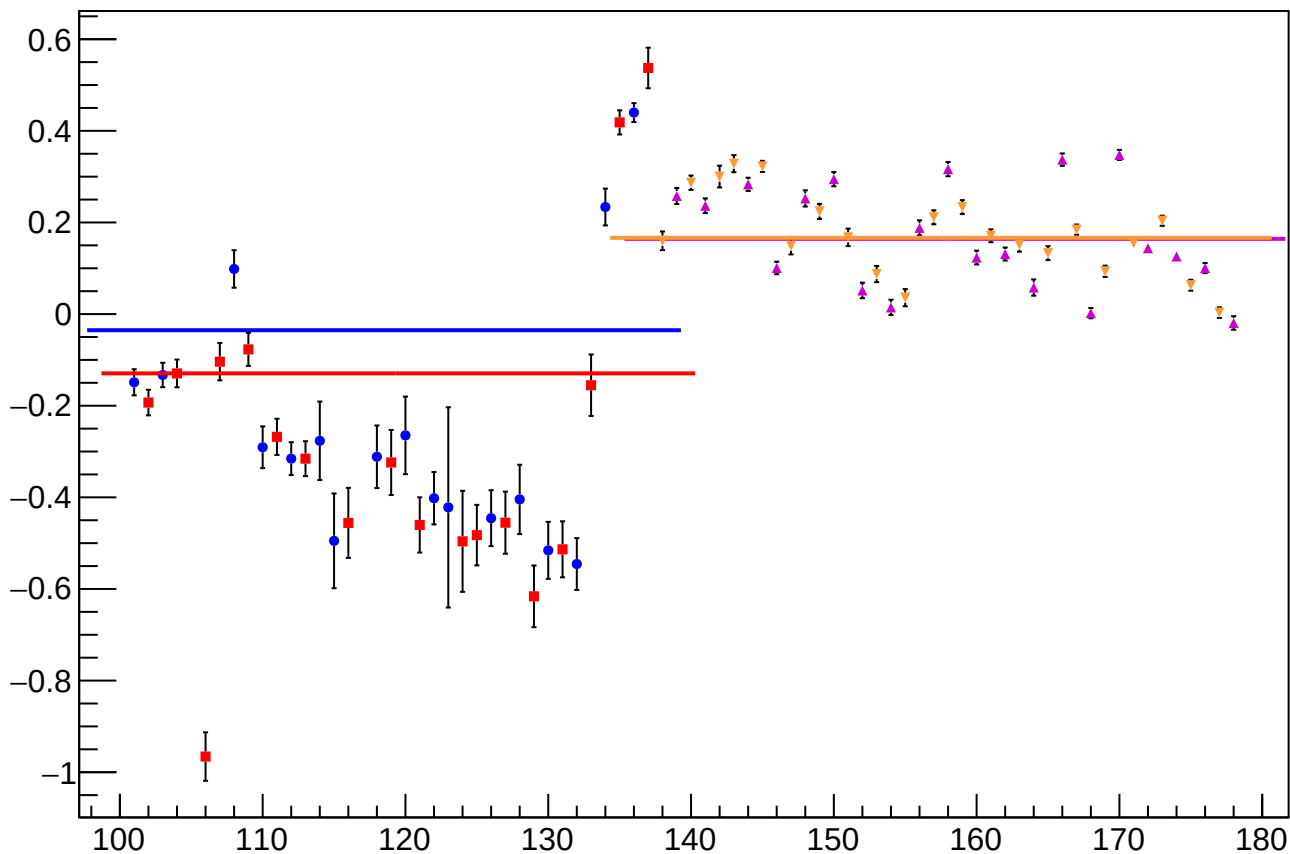
reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 ± 0.191 $\chi^2/\text{NDF}: 7579.9/16$
 Left Out: 26.165 ± 0.068 $\chi^2/\text{NDF}: 1910.3/20$
 Right Out: 15.335 ± 0.197 $\chi^2/\text{NDF}: 7259.7/17$
 Left In: 25.722 ± 0.068 $\chi^2/\text{NDF}: 1659.4/19$

Left: 25.943 ± 0.048 $\chi^2/\text{NDF}: 3591.0/40$
 Right: 15.800 ± 0.137 $\chi^2/\text{NDF}: 14850.4/34$
 In: 24.661 ± 0.064 $\chi^2/\text{NDF}: 11420.6/36$
 Out: 25.014 ± 0.064 $\chi^2/\text{NDF}: 11866.7/38$
 All: 24.837 ± 0.045 $\chi^2/\text{NDF}: 23302.4/75$

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1013.6/16

Left Out: 0.166 $\pm$ 0.003 χ^2 /NDF:768.3/20

Right Out: -0.129 $\pm$ 0.010 χ^2 /NDF: 1161.5/17

Left In: 0.164 $\pm$ 0.003 χ^2 /NDF:1352.9/19

Left: 0.165 $\pm$ 0.002 χ^2 /NDF: 2121.5/40

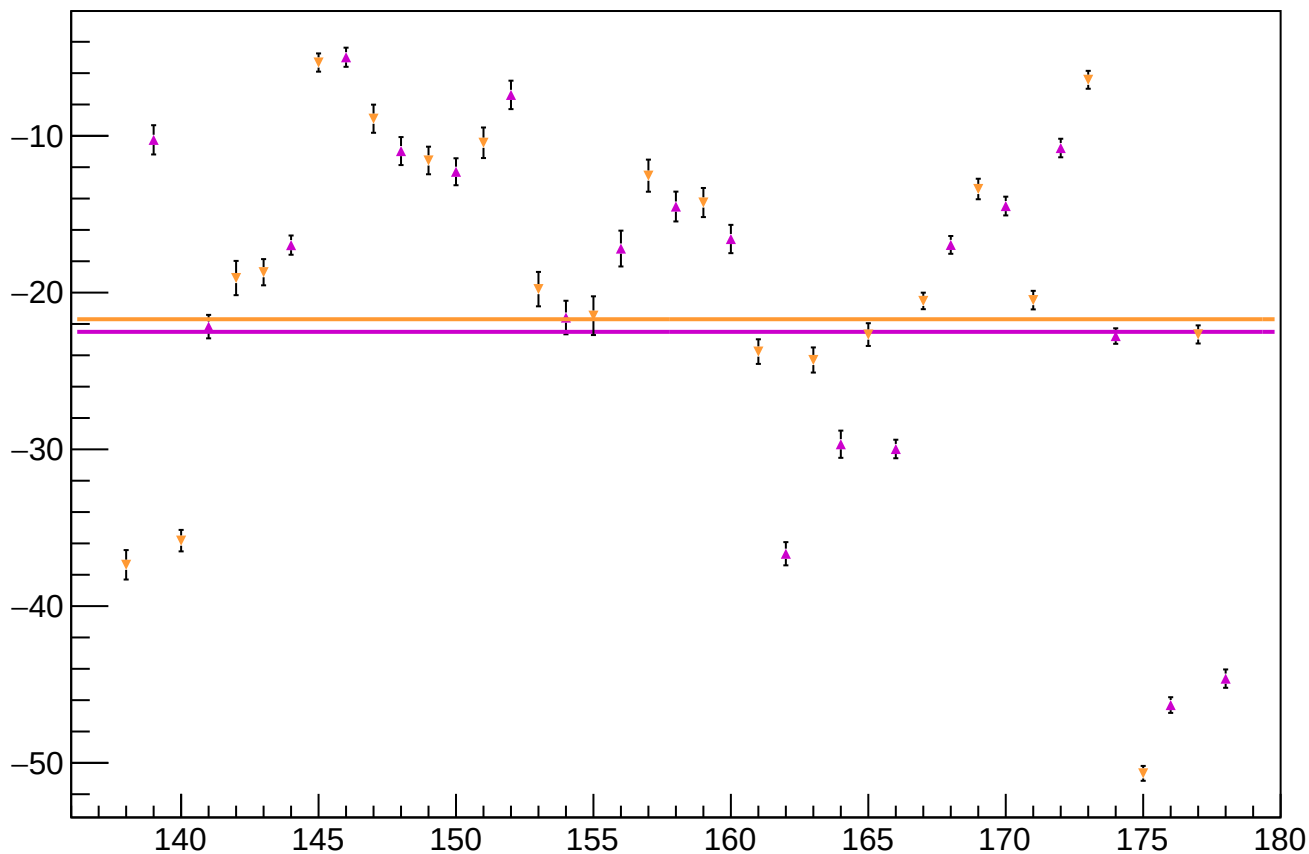
Right: -0.082 $\pm$ 0.007 χ^2 /NDF: 2216.5/34

In: 0.148 $\pm$ 0.003 χ^2 /NDF:2709.0/36

Out: 0.142 $\pm$ 0.003 χ^2 /NDF:2673.0/38

All: 0.145 $\pm$ 0.002 χ^2 /NDF: 5384.0/75

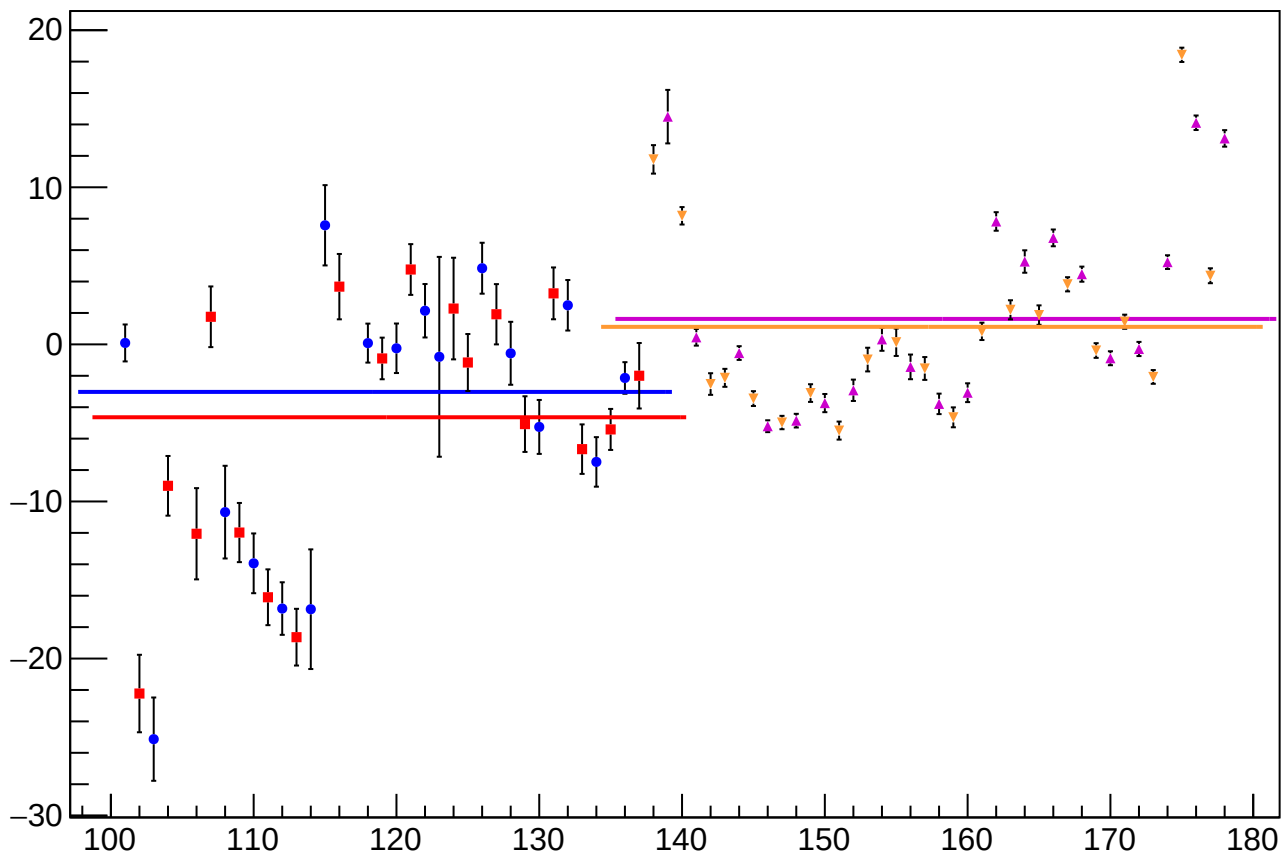
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -22.504+/-0.155 χ^2/NDF : 6745.1/19

Left: -22.110+/-0.111 χ^2/NDF : 13524.0/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -22.504+/-0.155 χ^2/NDF : 6745.1/19
 Out: -21.699+/-0.158 χ^2/NDF : 6765.6/20
 All: -22.110+/-0.111 χ^2/NDF : 13524.0/40

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 1.116 ± 0.119 χ^2/NDF : 2551.9/20

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 1.621 ± 0.118 χ^2/NDF : 2505.9/19

Left: 1.369 ± 0.084 χ^2/NDF : 5066.9/40

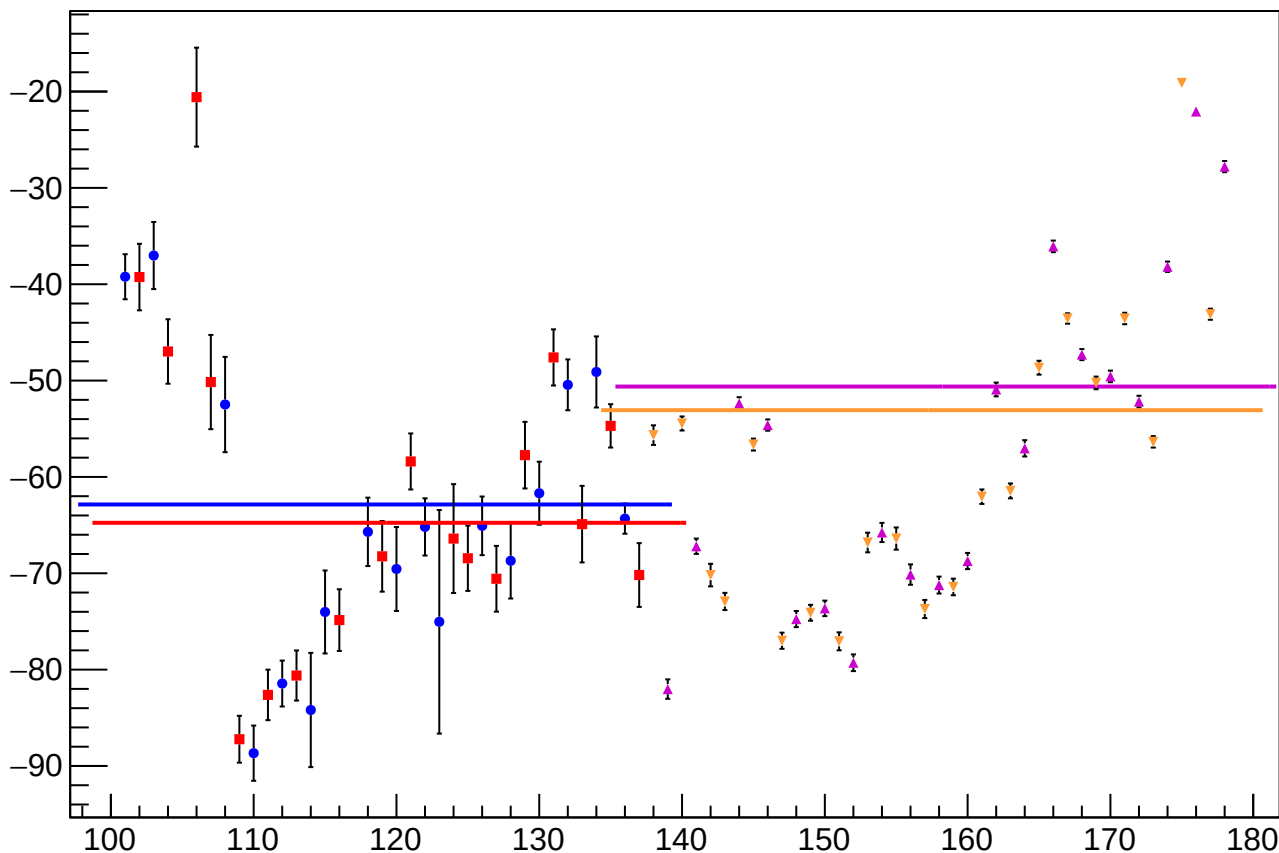
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 1.260 ± 0.114 χ^2/NDF : 2906.1/36

Out: 0.701 ± 0.114 χ^2/NDF : 3015.7/38

All: 0.983 ± 0.081 χ^2/NDF : 5933.8/75

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -53.072 ± 0.158 χ^2/NDF : 10444.2/20

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -50.620 ± 0.155 χ^2/NDF : 11860.2/19

Left: -51.817 ± 0.111 χ^2/NDF : 22427.3/40

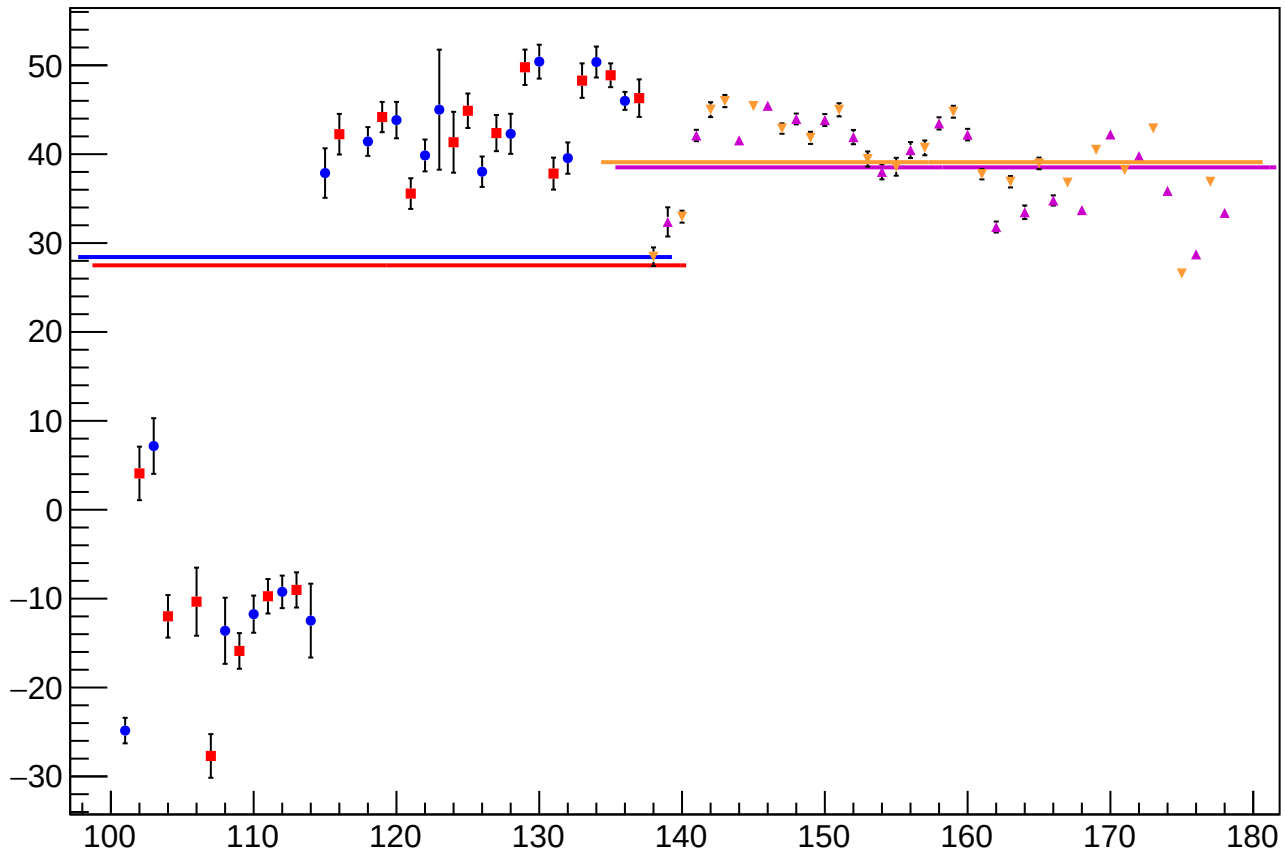
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -51.133 ± 0.151 χ^2/NDF : 12490.7/36

Out: -53.567 ± 0.155 χ^2/NDF : 11091.2/38

All: -52.321 ± 0.108 χ^2/NDF : 23708.3/75

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 39.101 $\pm$ 0.135 χ^2 /NDF:1485.5/20

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 38.516 $\pm$ 0.134 χ^2 /NDF:1392.7/19

Left: 38.807 $\pm$ 0.095 χ^2 /NDF: 2887.6/40

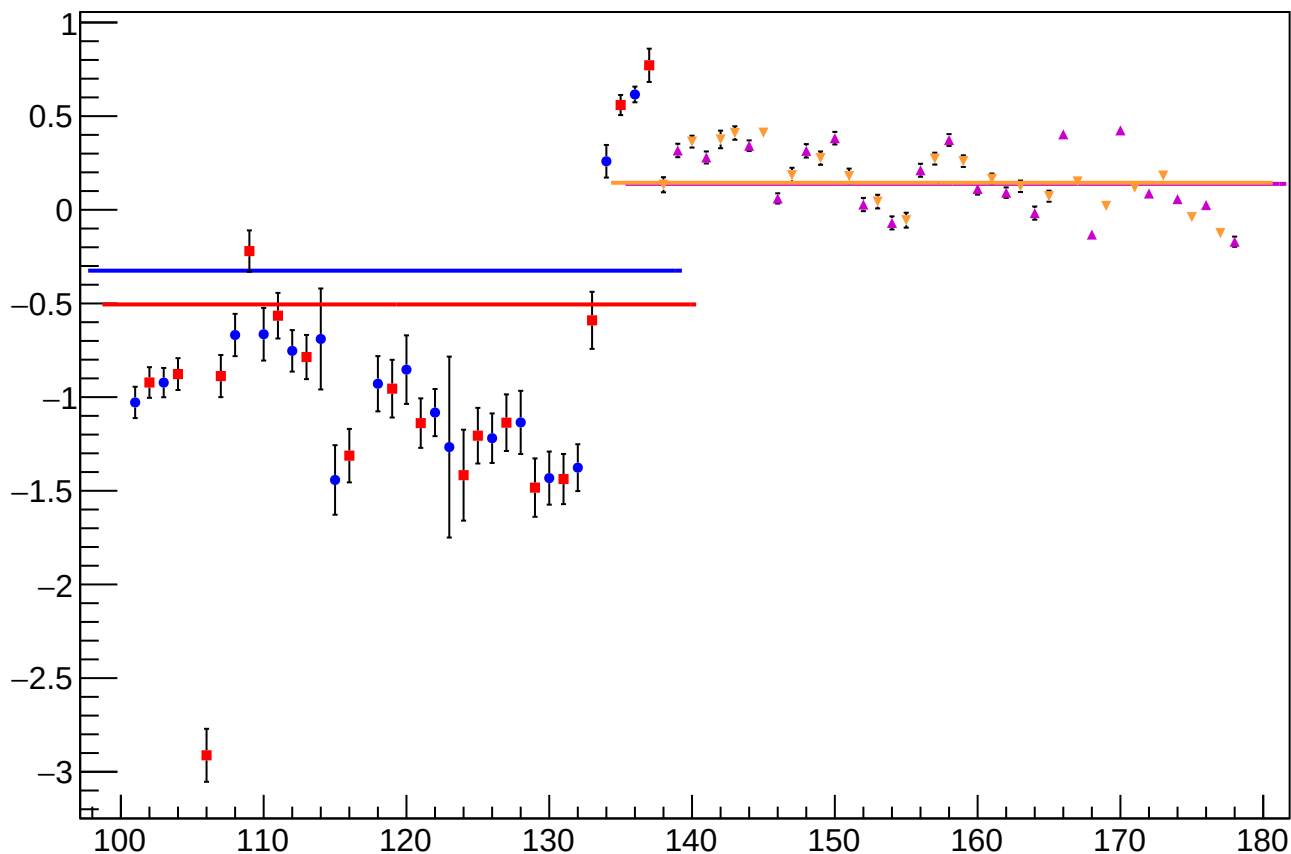
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 37.718 $\pm$ 0.129 χ^2 /NDF:5162.4/36

Out: 38.247 $\pm$ 0.130 χ^2 /NDF:5058.0/38

All: 37.980 $\pm$ 0.091 χ^2 /NDF: 10228.8/75

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.144 ± 0.006 χ^2/NDF : 583.4/20

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.138 ± 0.006 χ^2/NDF : 913.5/19

Left: 0.141 ± 0.004 χ^2/NDF : 1497.3/40

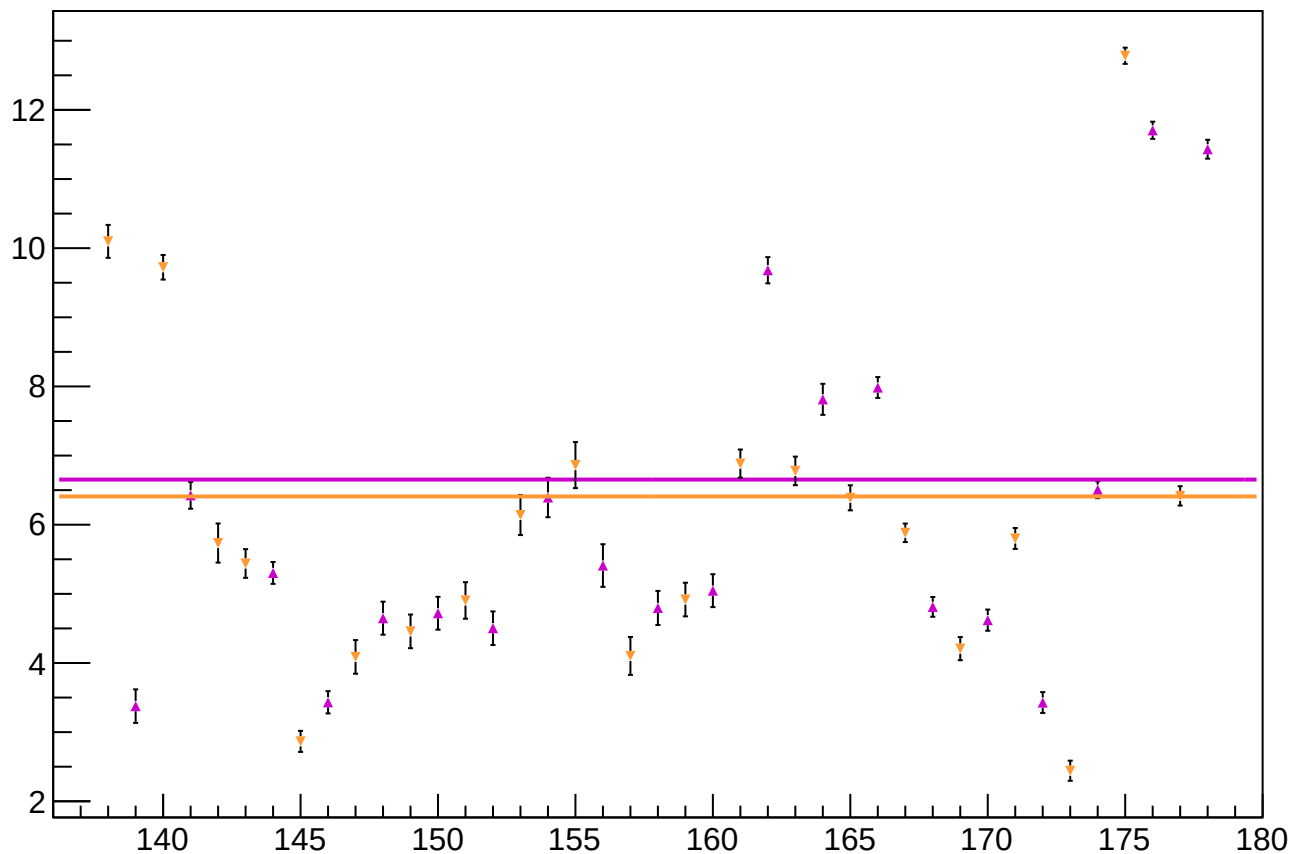
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.112 ± 0.006 χ^2/NDF : 2251.2/36

Out: 0.109 ± 0.006 χ^2/NDF : 2347.1/38

All: 0.110 ± 0.004 χ^2/NDF : 4598.4/75

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 6.409 $\pm$ 0.040 χ^2 /NDF:5371.0/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 6.653 $\pm$ 0.039 χ^2 /NDF:5023.8/19

Left: 6.534 $\pm$ 0.028 χ^2 /NDF: 10413.4/40

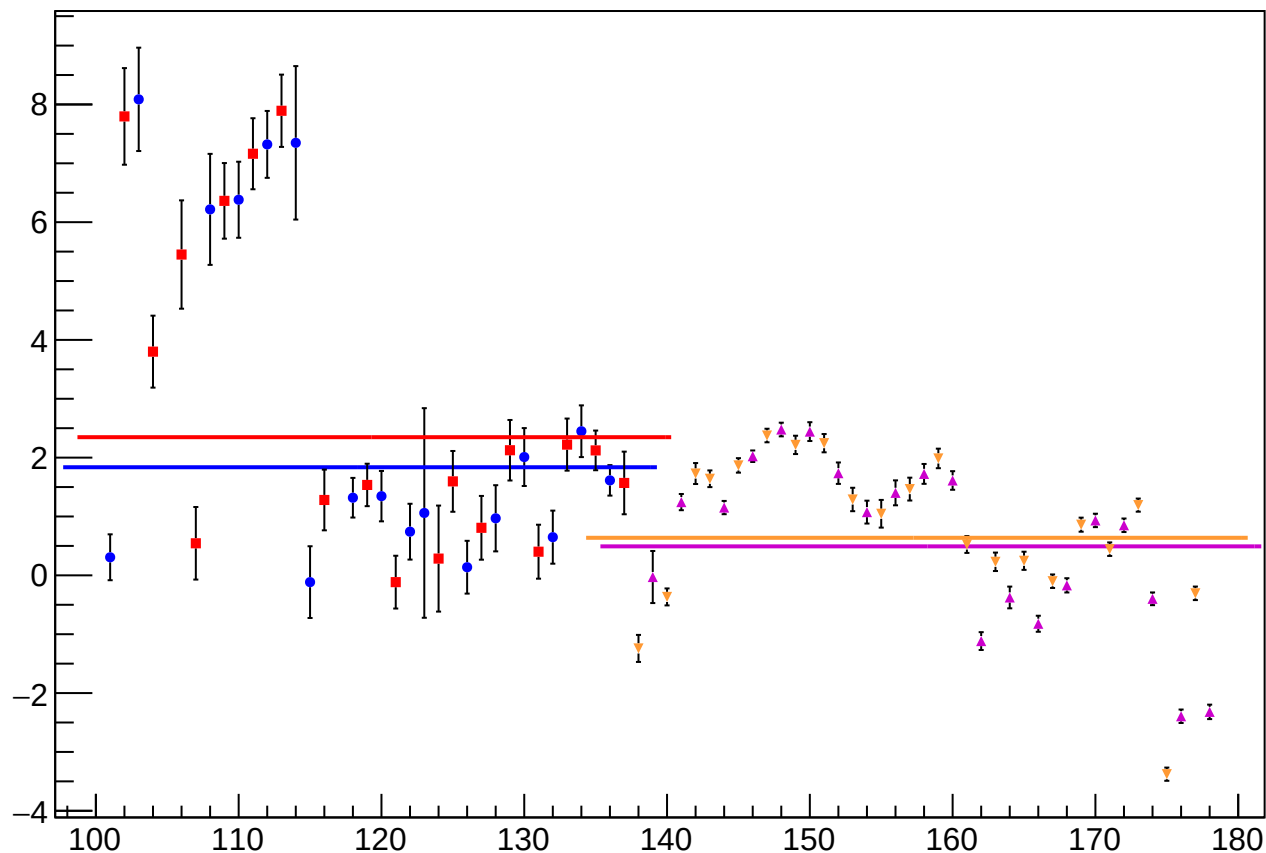
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 6.653 $\pm$ 0.039 χ^2 /NDF:5023.8/19

Out: 6.409 $\pm$ 0.040 χ^2 /NDF:5371.0/20

All: 6.534 $\pm$ 0.028 χ^2 /NDF: 10413.4/40

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: 0.638 ± 0.031 $\chi^2/\text{NDF}: 2270.7/20$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 0.492 ± 0.030 $\chi^2/\text{NDF}: 2439.6/19$

Left: 0.565 ± 0.022 $\chi^2/\text{NDF}: 4721.7/40$

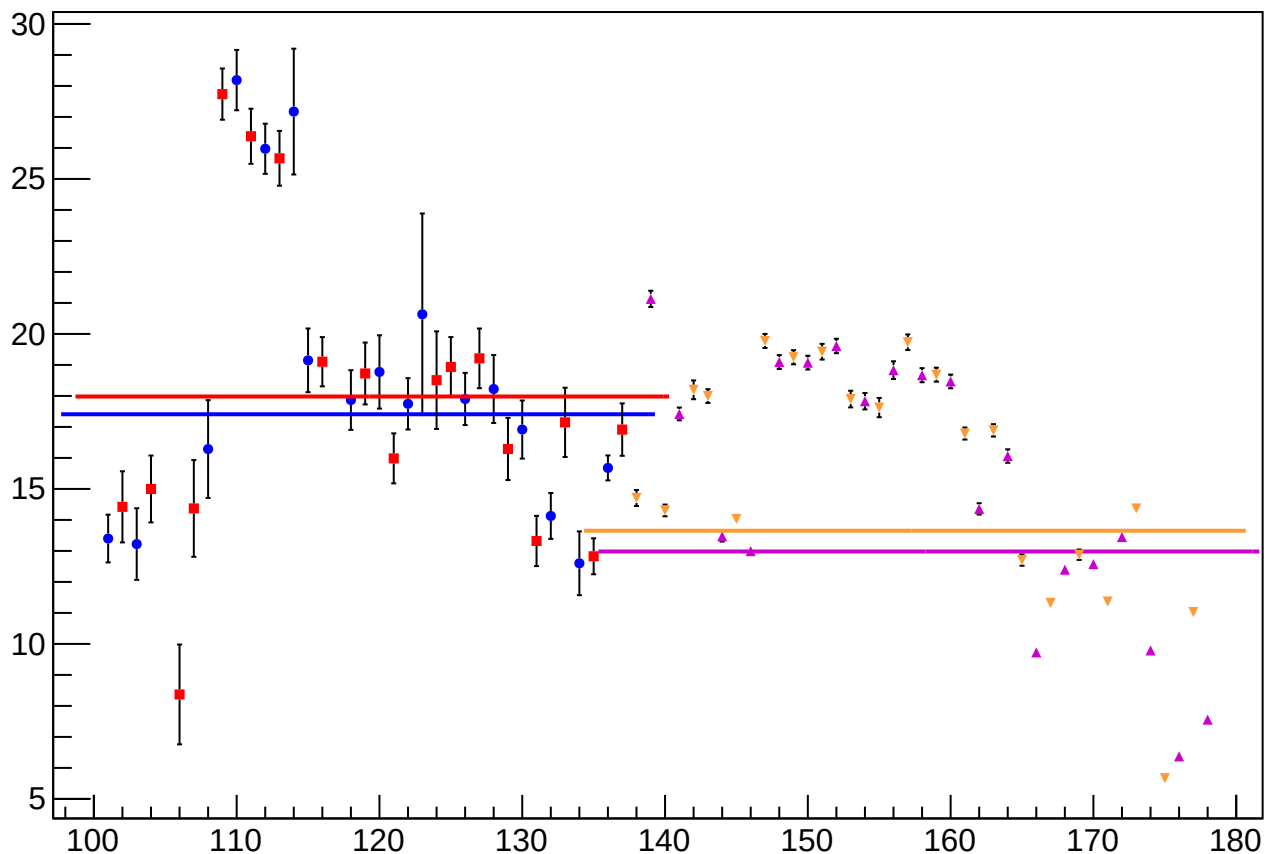
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.578 ± 0.029 $\chi^2/\text{NDF}: 2859.0/36$

Out: 0.738 ± 0.030 $\chi^2/\text{NDF}: 2783.6/38$

All: 0.658 ± 0.021 $\chi^2/\text{NDF}: 5657.3/75$

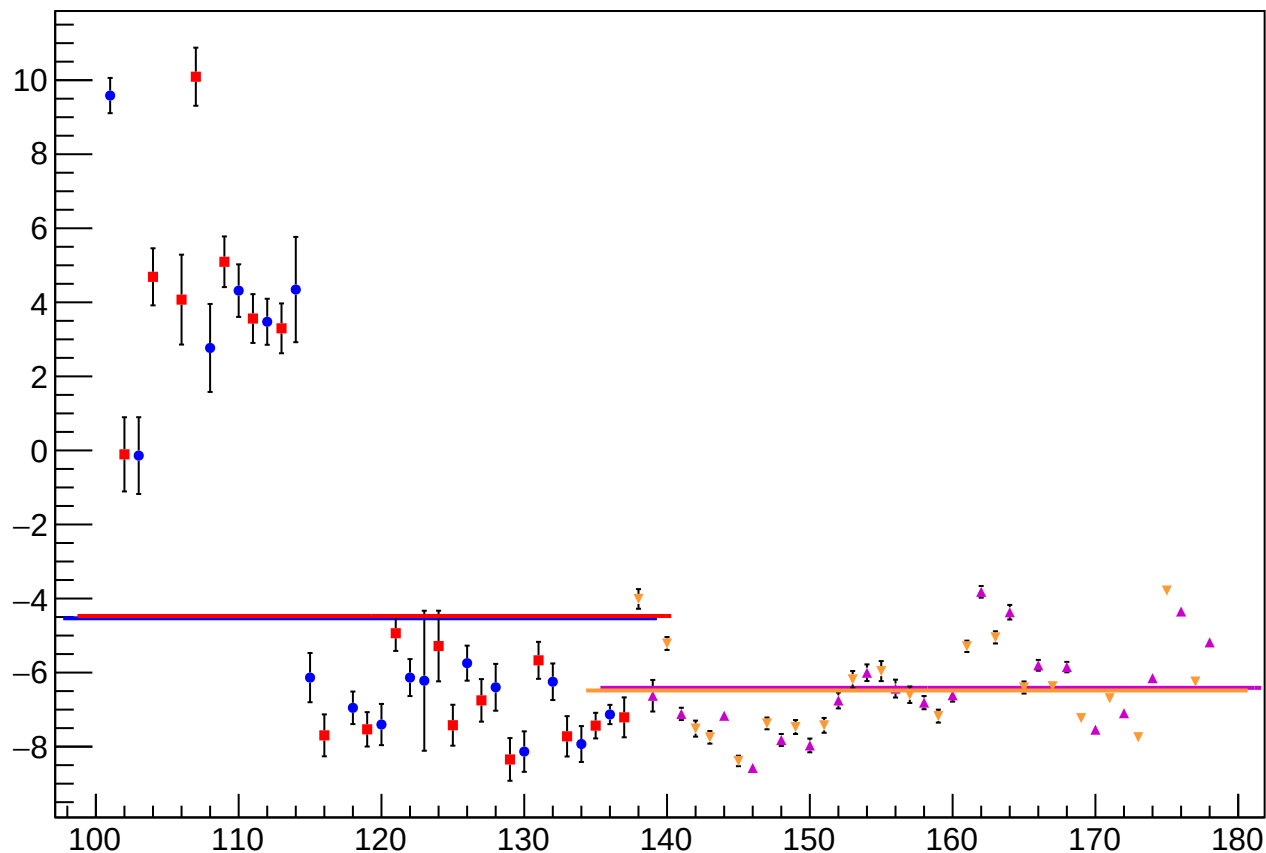
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 13.652 ± 0.041 $\chi^2/\text{NDF}: 10069.9/20$
 Right Out: 17.982 ± 0.219 $\chi^2/\text{NDF}: 490.7/17$
 Left In: 12.981 ± 0.039 $\chi^2/\text{NDF}: 11535.1/19$

Left: 13.307 ± 0.028 $\chi^2/\text{NDF}: 21745.2/40$
 Right: 17.686 ± 0.152 $\chi^2/\text{NDF}: 859.3/34$
 In: 13.130 ± 0.039 $\chi^2/\text{NDF}: 12321.9/36$
 Out: 13.795 ± 0.040 $\chi^2/\text{NDF}: 10937.7/38$
 All: 13.453 ± 0.028 $\chi^2/\text{NDF}: 23402.4/75$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.483 ± 0.035 χ^2/NDF : 1308.2/20

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.412 ± 0.034 χ^2/NDF : 1411.1/19

Left: -6.447 ± 0.024 χ^2/NDF : 2721.4/40

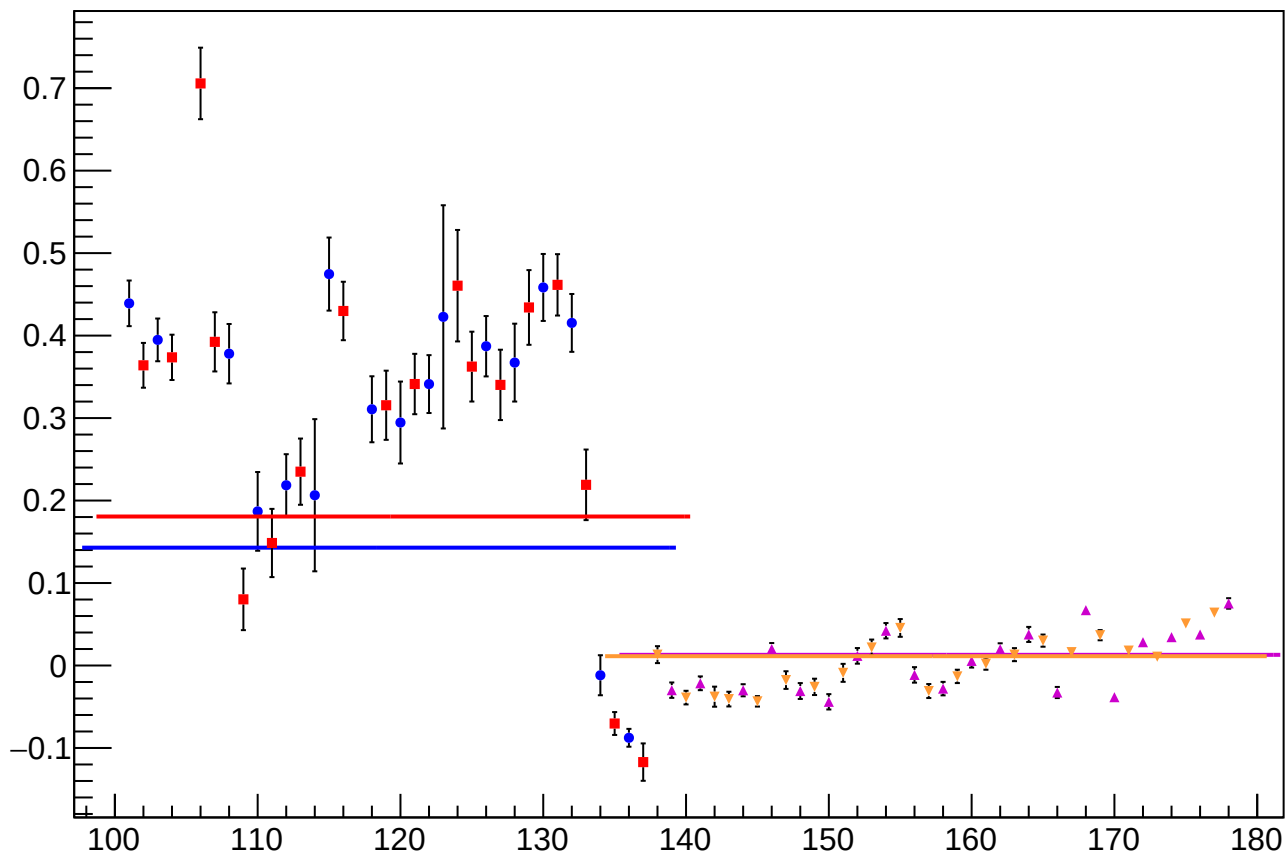
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.289 ± 0.033 χ^2/NDF : 3195.7/36

Out: -6.362 ± 0.034 χ^2/NDF : 2850.5/38

All: -6.325 ± 0.024 χ^2/NDF : 6048.6/75

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: 0.011 ± 0.002 $\chi^2/\text{NDF}: 409.9/20$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: 0.013 ± 0.002 $\chi^2/\text{NDF}: 554.6/19$

Left: 0.012 ± 0.001 $\chi^2/\text{NDF}: 965.1/40$

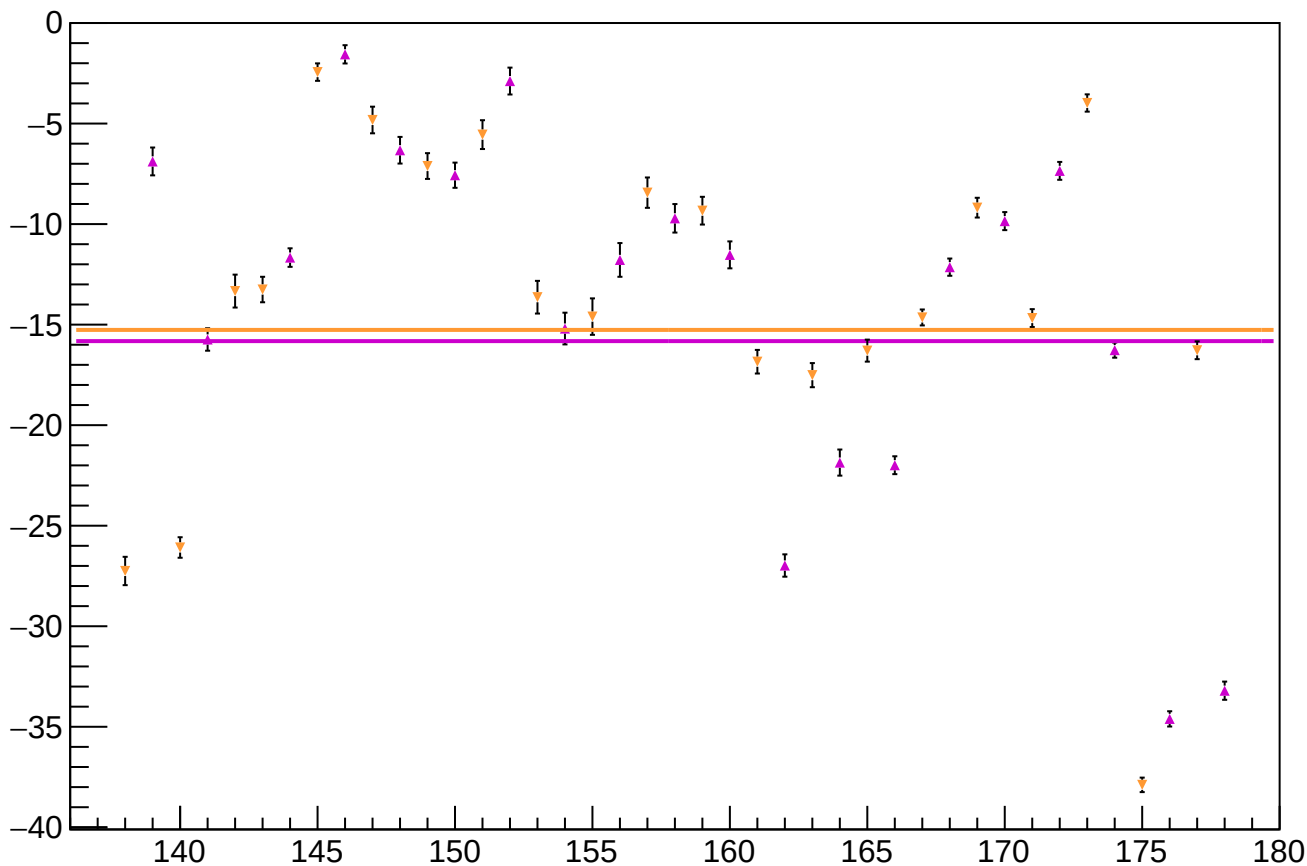
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.019 ± 0.002 $\chi^2/\text{NDF}: 1936.7/36$

Out: 0.019 ± 0.002 $\chi^2/\text{NDF}: 1913.7/38$

All: 0.019 ± 0.001 $\chi^2/\text{NDF}: 3850.3/75$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



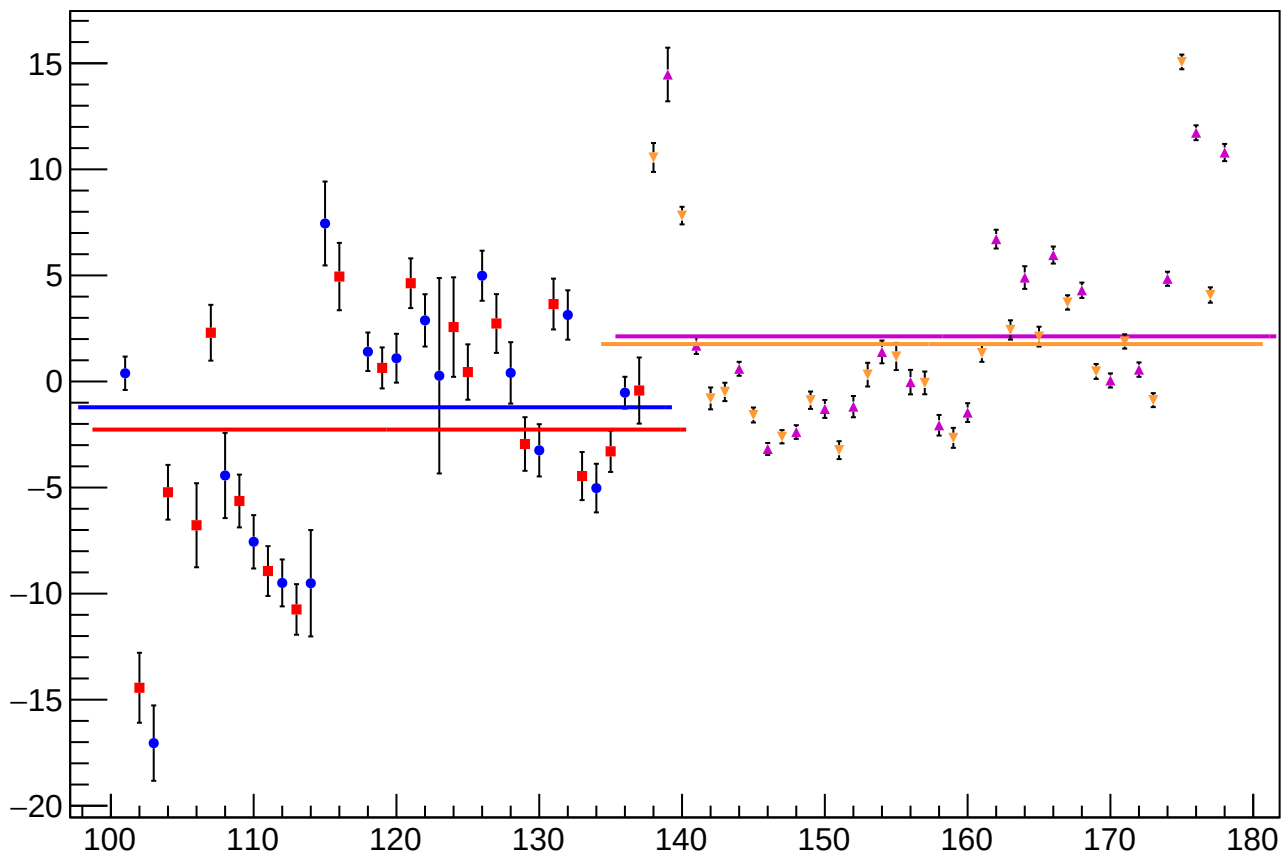
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -15.263 $\pm$ 0.119 χ^2 /NDF:7195.9/20
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -15.820 $\pm$ 0.116 χ^2 /NDF:7346.2/19

Left: -15.547 $\pm$ 0.083 χ^2 /NDF: 14553.4/40
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.820 $\pm$ 0.116 χ^2 /NDF:7346.2/19
 Out: -15.263 $\pm$ 0.119 χ^2 /NDF:7195.9/20

All: -15.547 $\pm$ 0.083 χ^2 /NDF: 14553.4/40

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 1.763 ± 0.089 χ^2/NDF : 2639.9/20

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 2.128 ± 0.089 χ^2/NDF : 2523.9/19

Left: 1.946 ± 0.063 χ^2/NDF : 5172.3/40

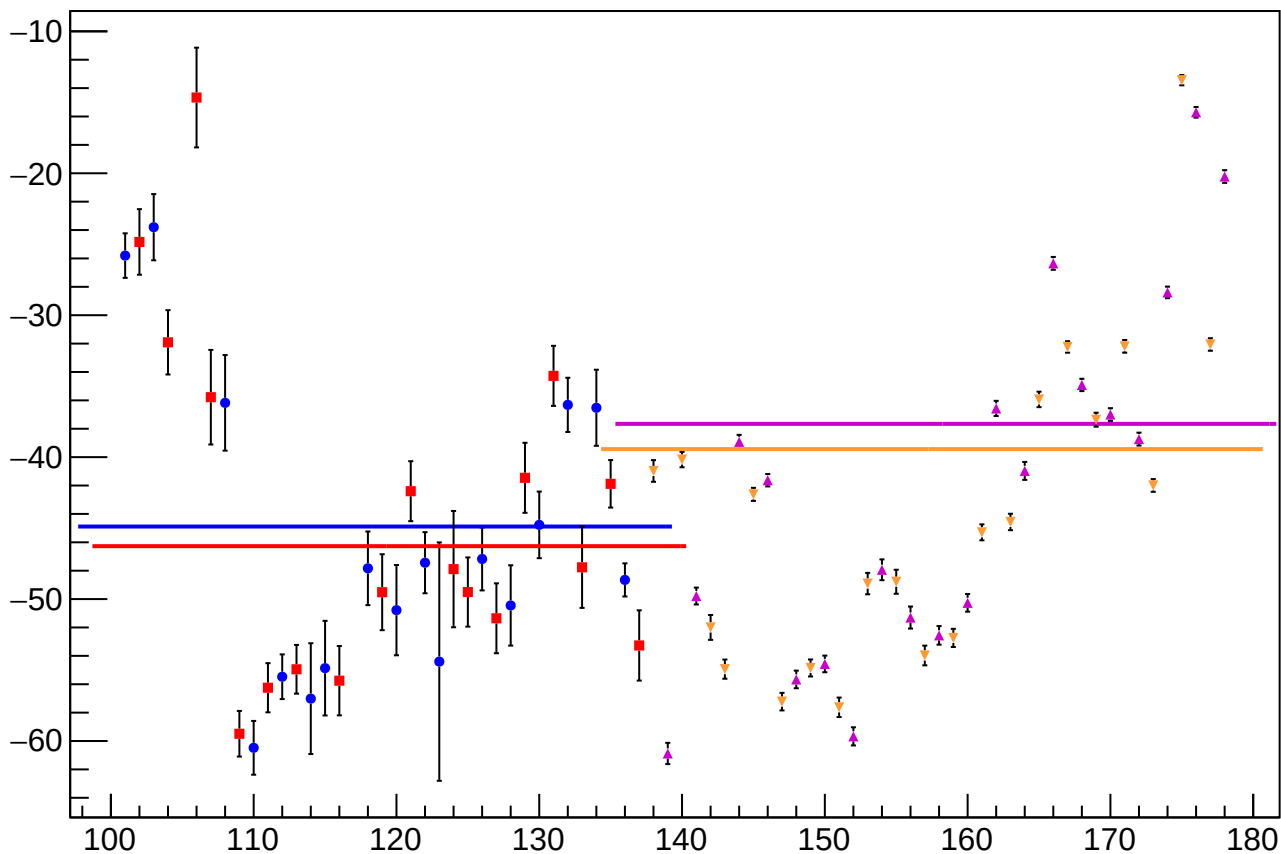
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 1.842 ± 0.085 χ^2/NDF : 2923.9/36

Out: 1.443 ± 0.085 χ^2/NDF : 3087.3/38

All: 1.644 ± 0.060 χ^2/NDF : 6022.1/75

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



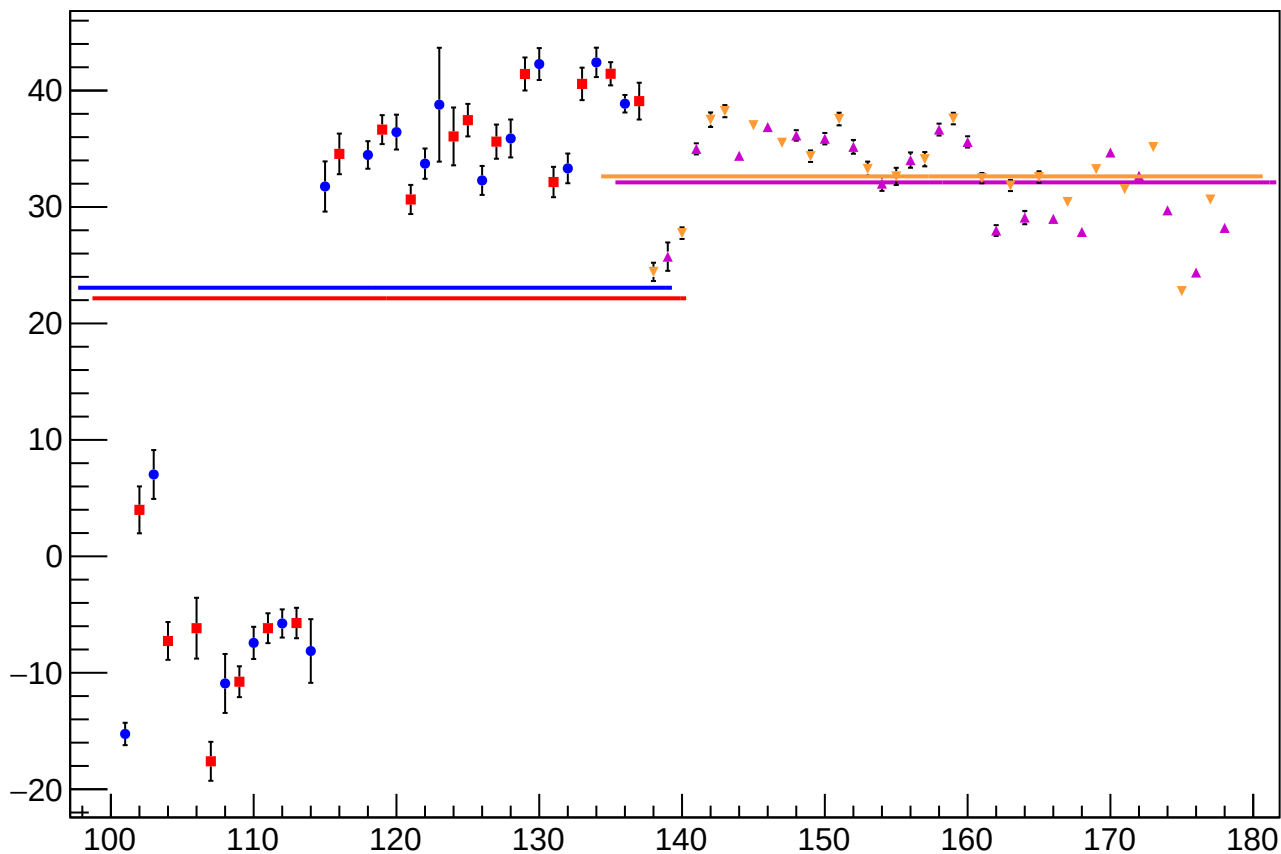
Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16
 Left Out: -39.433 ± 0.119 χ^2/NDF : 10445.1/20
 Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17
 Left In: -37.655 ± 0.116 χ^2/NDF : 11891.9/19

Left: -38.524 ± 0.083 χ^2/NDF : 22451.9/40
 Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -37.994 ± 0.113 χ^2/NDF : 12494.4/36
 Out: -39.760 ± 0.116 χ^2/NDF : 11024.5/38

All: -38.857 ± 0.081 χ^2/NDF : 23637.9/75

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.628 $\pm$ 0.101 χ^2 /NDF:1600.6/20

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 32.114 $\pm$ 0.101 χ^2 /NDF:1449.0/19

Left: 32.370 $\pm$ 0.071 χ^2 /NDF: 3062.6/40

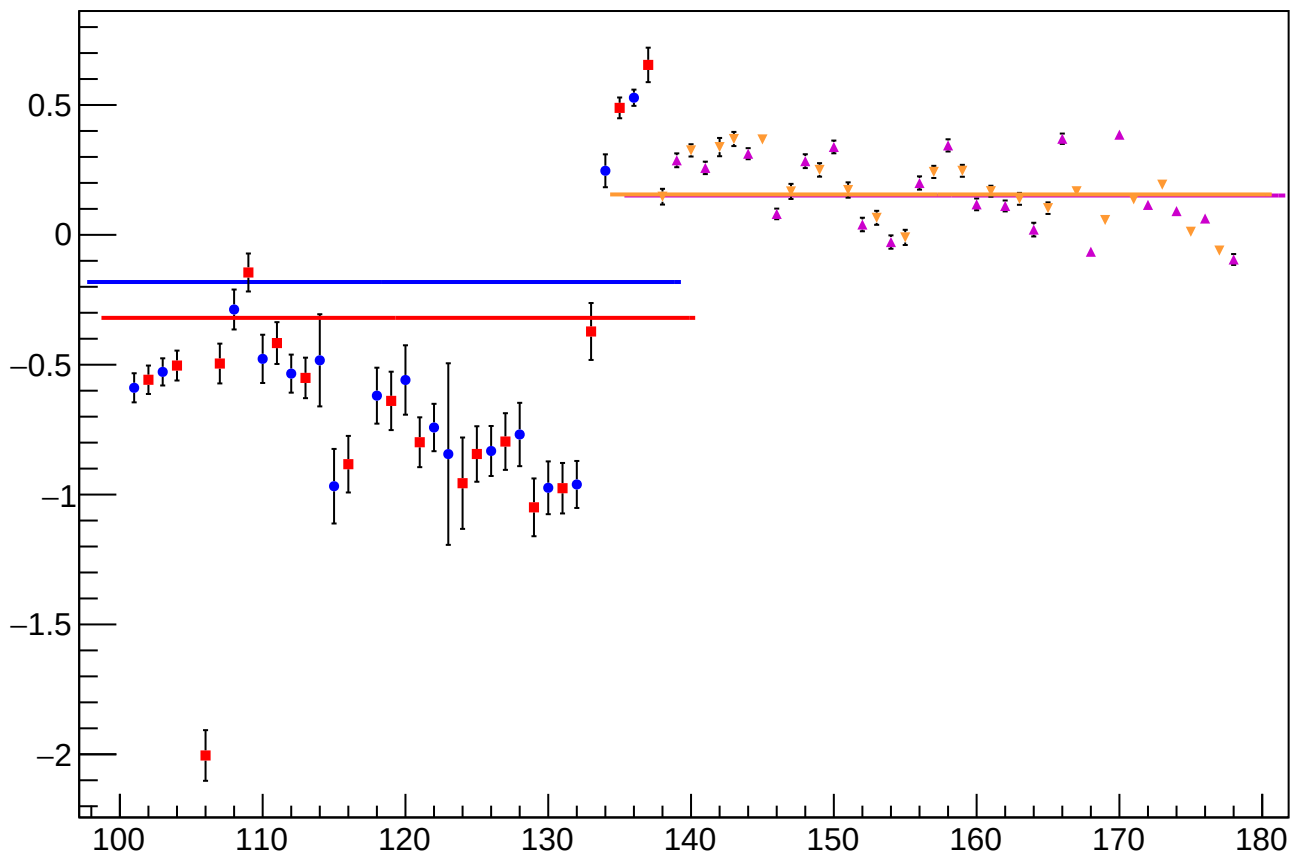
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 31.329 $\pm$ 0.096 χ^2 /NDF:6483.7/36

Out: 31.779 $\pm$ 0.097 χ^2 /NDF:6497.3/38

All: 31.553 $\pm$ 0.068 χ^2 /NDF: 12991.8/75

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.156 ± 0.005 χ^2/NDF : 645.4/20

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.151 ± 0.005 χ^2/NDF : 1054.3/19

Left: 0.153 ± 0.003 χ^2/NDF : 1700.1/40

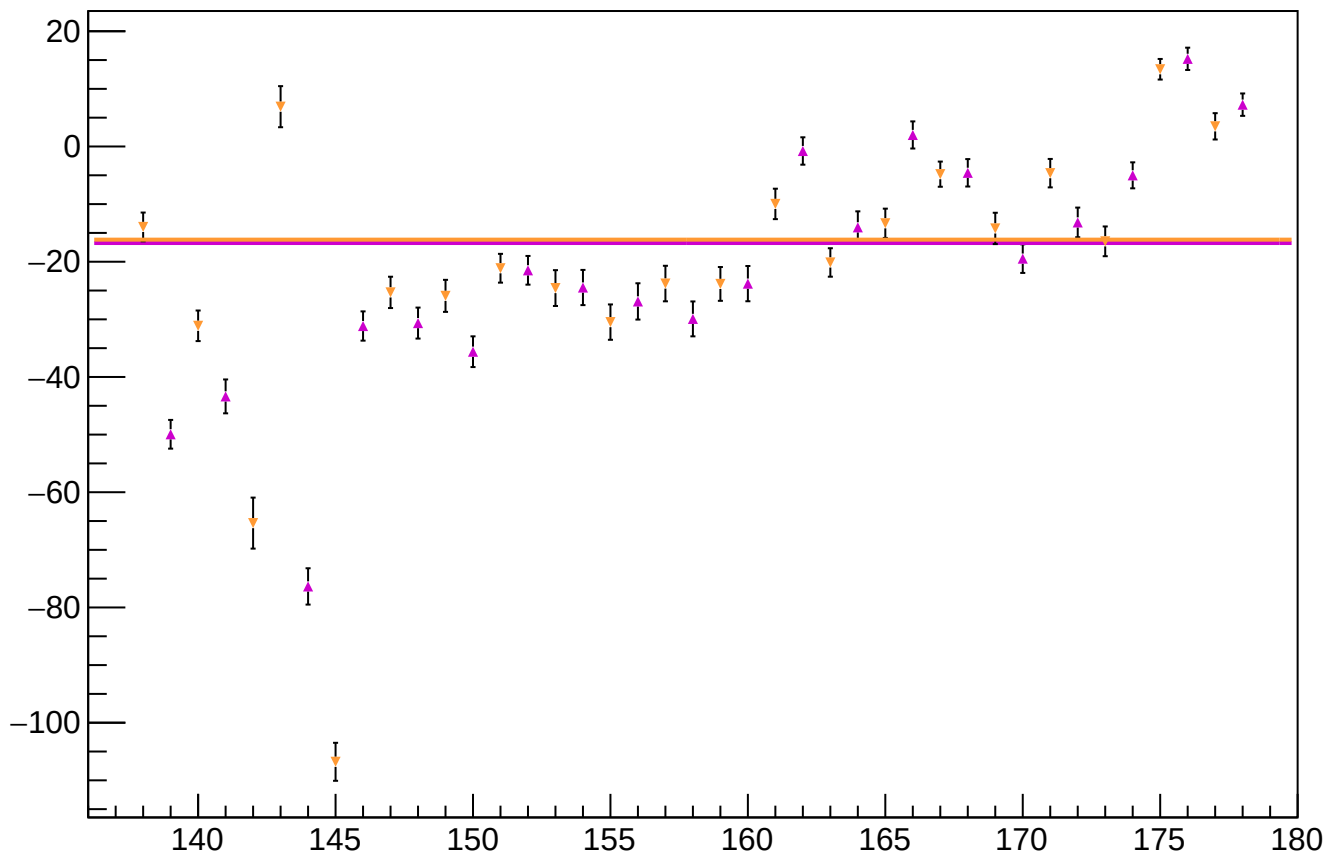
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.130 ± 0.004 χ^2/NDF : 2381.3/36

Out: 0.126 ± 0.005 χ^2/NDF : 2461.7/38

All: 0.128 ± 0.003 χ^2/NDF : 4843.4/75

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.167+/-0.577 χ^2/NDF :1429.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.754+/-0.568 χ^2/NDF :1361.7/19

Left: -16.465+/-0.405 χ^2/NDF : 2791.8/40

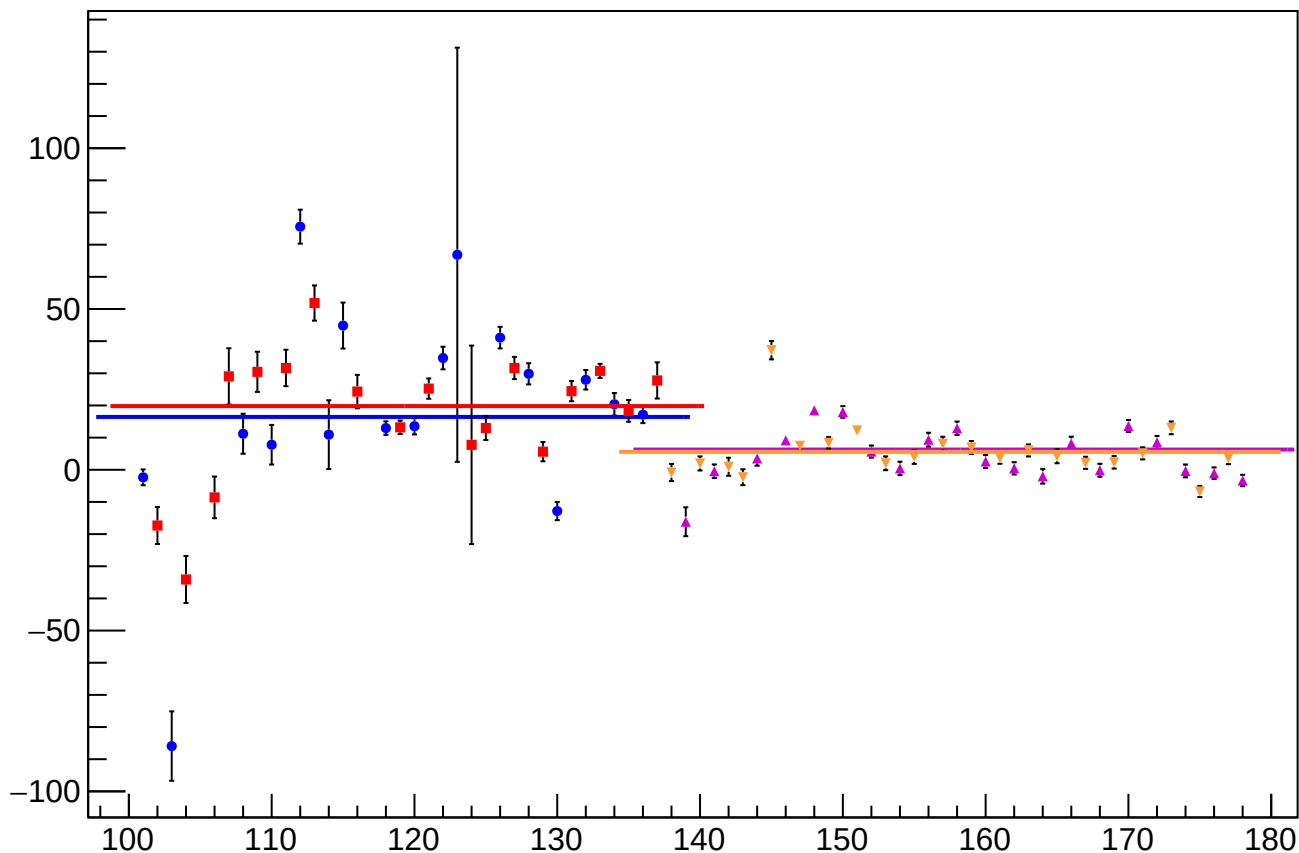
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.754+/-0.568 χ^2/NDF :1361.7/19

Out: -16.167+/-0.577 χ^2/NDF :1429.5/20

All: -16.465+/-0.405 χ^2/NDF : 2791.8/40

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 5.579 ± 0.426 $\chi^2/\text{NDF}: 248.9/20$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 6.292 ± 0.432 $\chi^2/\text{NDF}: 300.0/19$

Left: 5.930 ± 0.303 $\chi^2/\text{NDF}: 550.3/40$

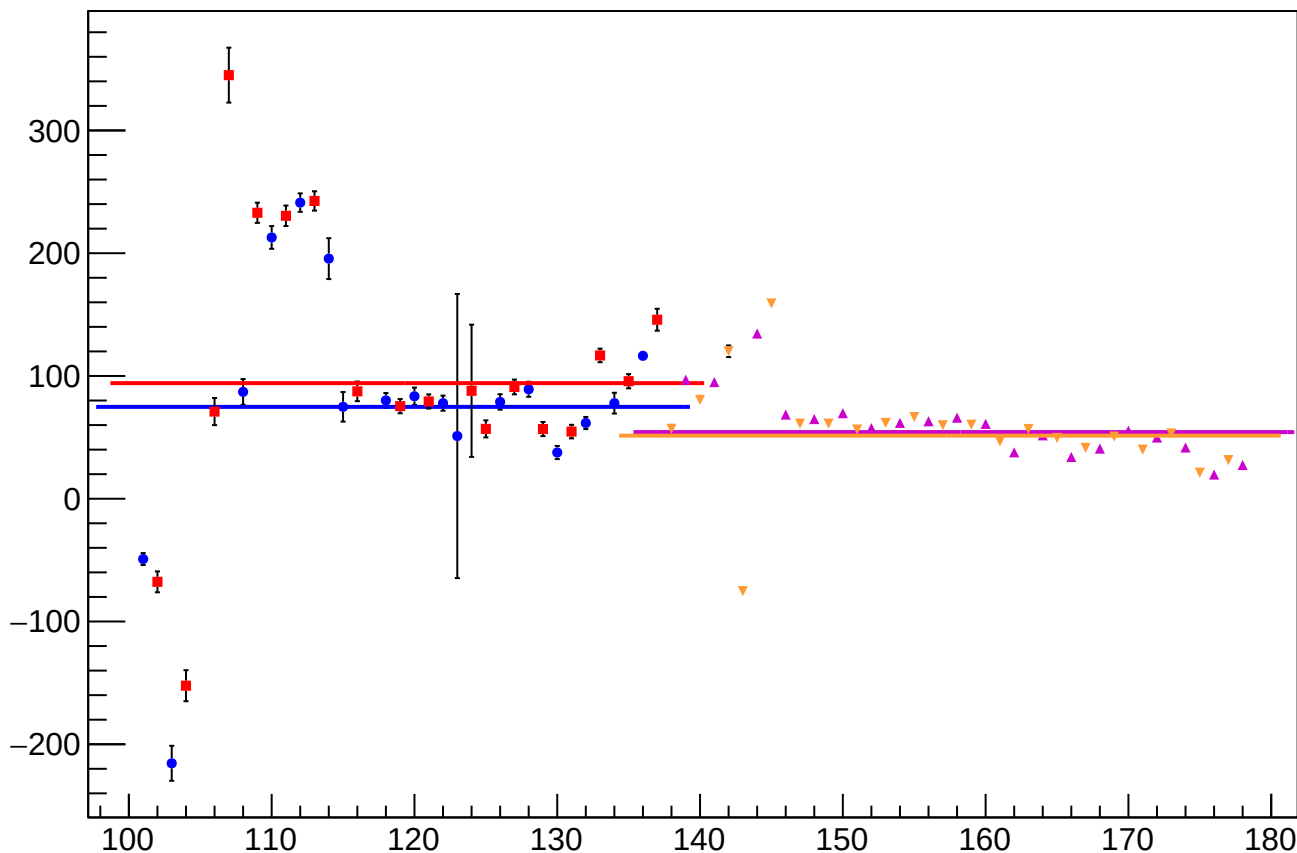
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 8.382 ± 0.385 $\chi^2/\text{NDF}: 930.5/36$

Out: 8.185 ± 0.385 $\chi^2/\text{NDF}: 692.1/38$

All: 8.284 ± 0.272 $\chi^2/\text{NDF}: 1622.7/75$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 51.395 $\pm$ 0.571 χ^2 /NDF: 2927.5/20

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 54.282 $\pm$ 0.561 χ^2 /NDF: 1824.1/19

Left: 52.862 $\pm$ 0.400 χ^2 /NDF: 4764.6/40

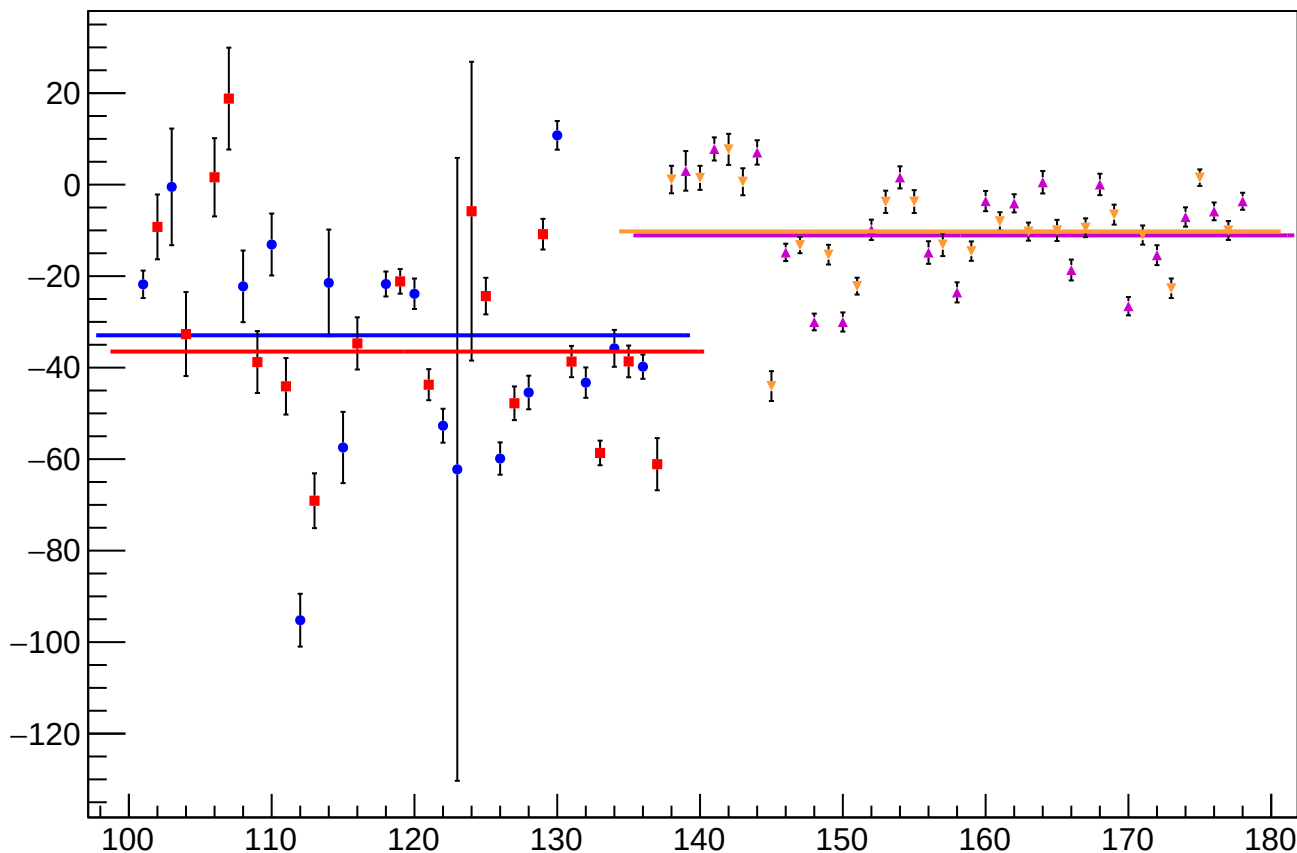
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 56.439 $\pm$ 0.531 χ^2 /NDF: 3961.6/36

Out: 55.634 $\pm$ 0.542 χ^2 /NDF: 5453.4/38

All: 56.044 $\pm$ 0.379 χ^2 /NDF: 9416.1/75

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 $\pm$ 0.973 χ^2/NDF : 490.7/16

Left Out: -10.221 $\pm$ 0.487 χ^2/NDF : 332.9/20

Right Out: -36.488 $\pm$ 1.027 χ^2/NDF : 293.2/17

Left In: -11.089 $\pm$ 0.492 χ^2/NDF : 537.7/19

Left: -10.651 $\pm$ 0.346 χ^2/NDF : 872.2/40

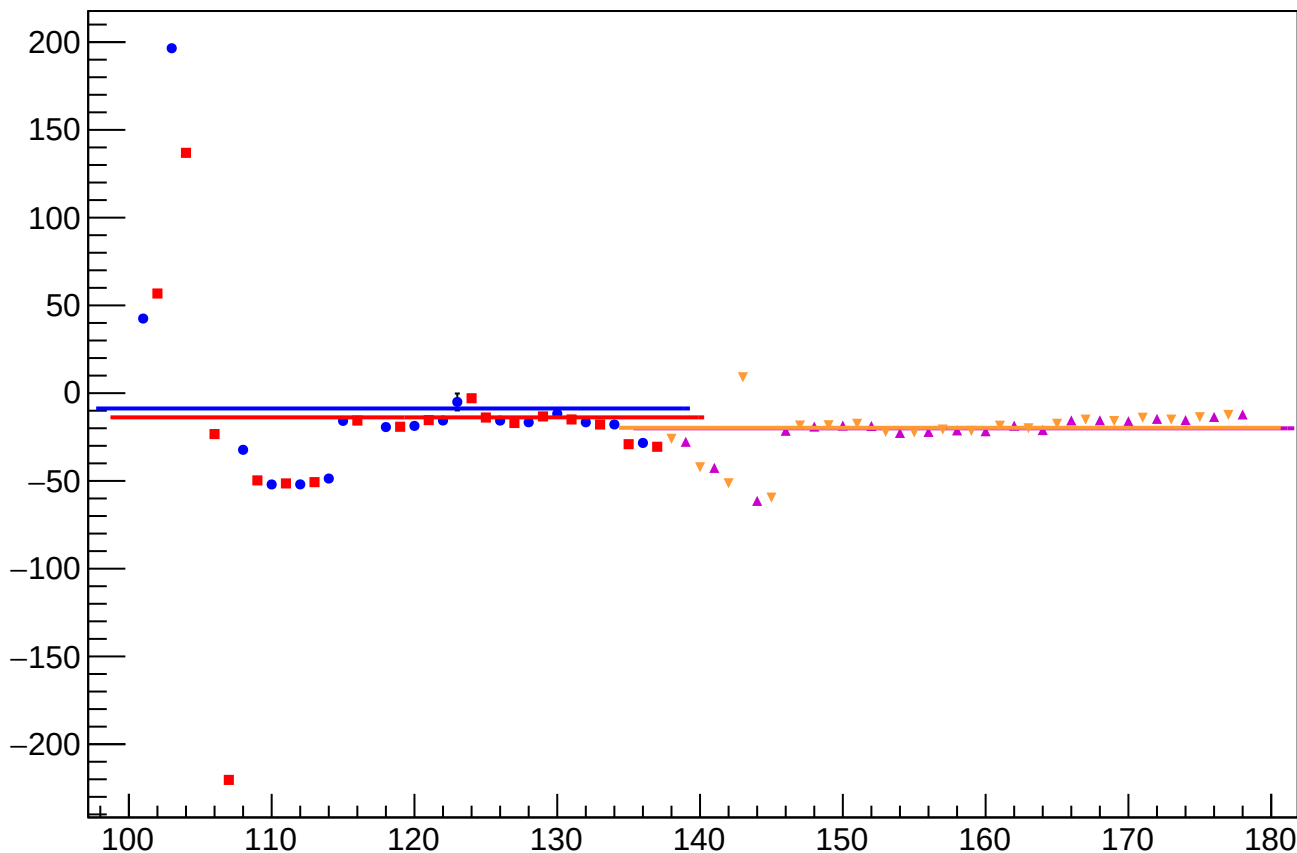
Right: -34.617 $\pm$ 0.706 χ^2/NDF : 790.3/34

In: -15.535 $\pm$ 0.439 χ^2/NDF : 1429.7/36

Out: -15.050 $\pm$ 0.440 χ^2/NDF : 1160.4/38

All: -15.293 $\pm$ 0.311 χ^2/NDF : 2590.7/75

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: -19.724 ± 0.023 $\chi^2/\text{NDF}: 212408.8/20$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -20.030 ± 0.022 $\chi^2/\text{NDF}: 145467.2/19$

Left: -19.879 ± 0.016 $\chi^2/\text{NDF}: 357969.4/40$

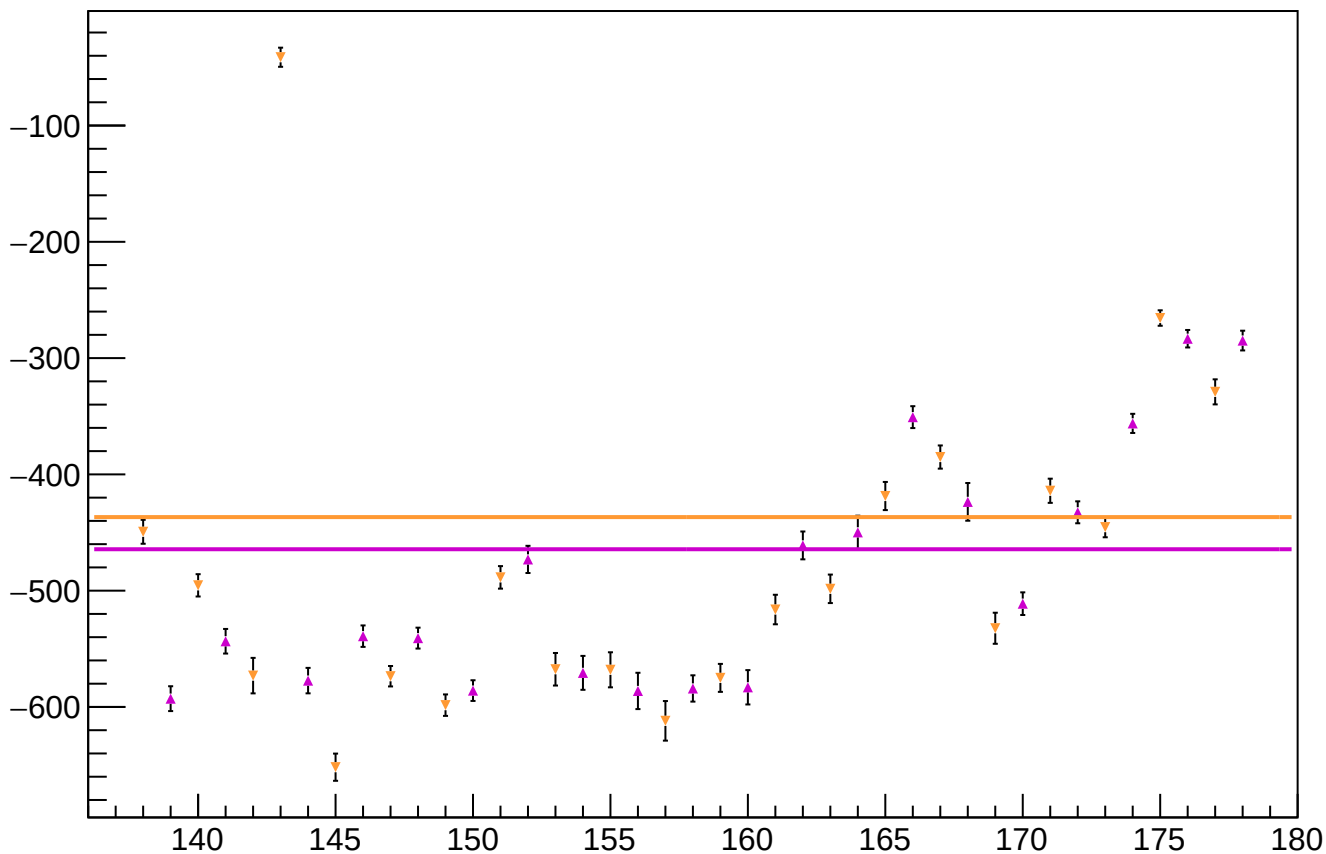
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -18.618 ± 0.021 $\chi^2/\text{NDF}: 753592.9/36$

Out: -19.035 ± 0.021 $\chi^2/\text{NDF}: 769853.4/38$

All: -18.823 ± 0.015 $\chi^2/\text{NDF}: 1523642.9/75$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -464.374+/-2.316 χ^2/NDF :2309.8/19

Left: -450.389+/-1.628 χ^2/NDF : 7042.4/40

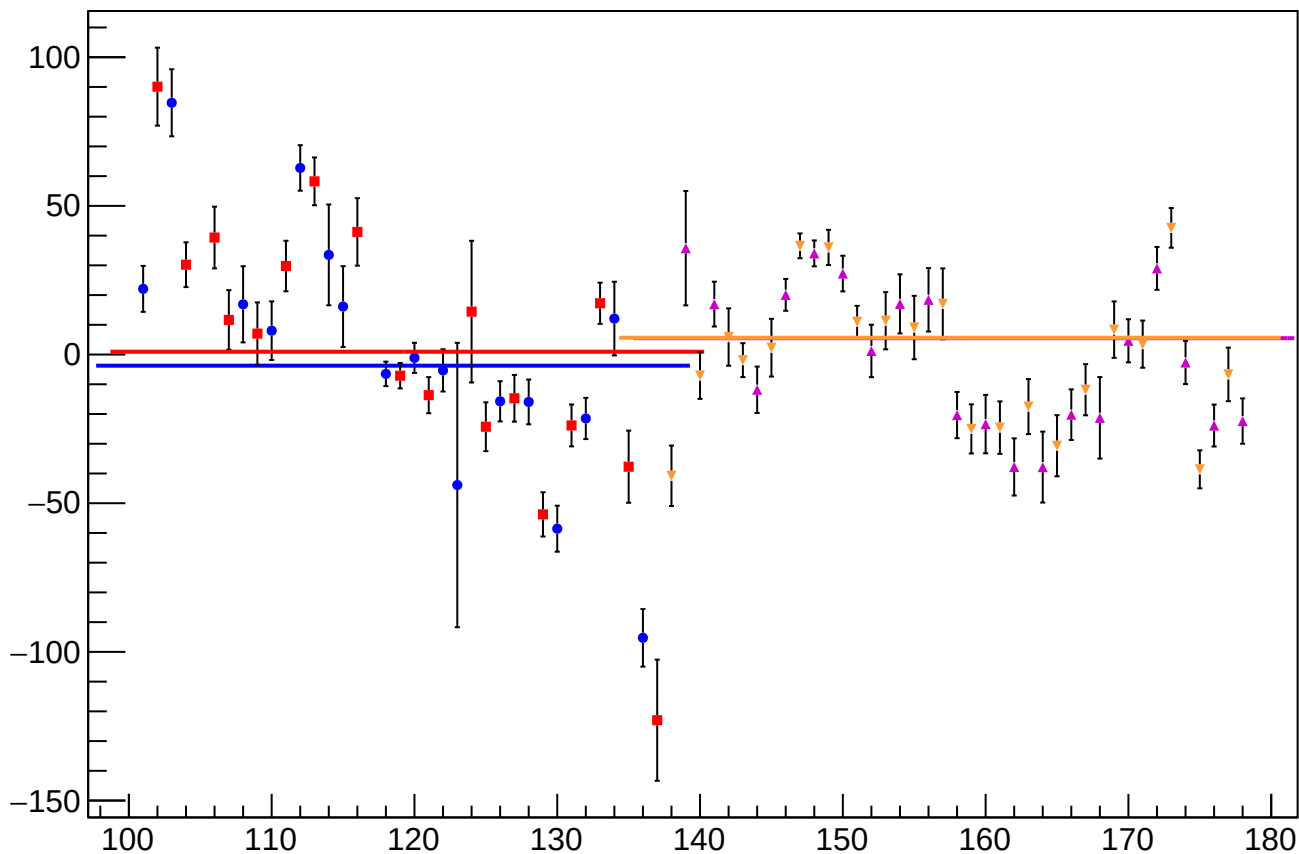
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -464.374+/-2.316 χ^2/NDF :2309.8/19

Out: -436.733+/-2.289 χ^2/NDF :4660.6/20

All: -450.389+/-1.628 χ^2/NDF : 7042.4/40

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 $\pm$ 1.892 χ^2/NDF : 314.1/16

Left Out: 5.652 $\pm$ 1.634 χ^2/NDF :238.2/20

Right Out: 0.948 $\pm$ 1.918 χ^2/NDF : 293.7/17

Left In: 5.502 $\pm$ 1.709 χ^2/NDF :185.1/19

Left: 5.580 $\pm$ 1.181 χ^2/NDF : 423.3/40

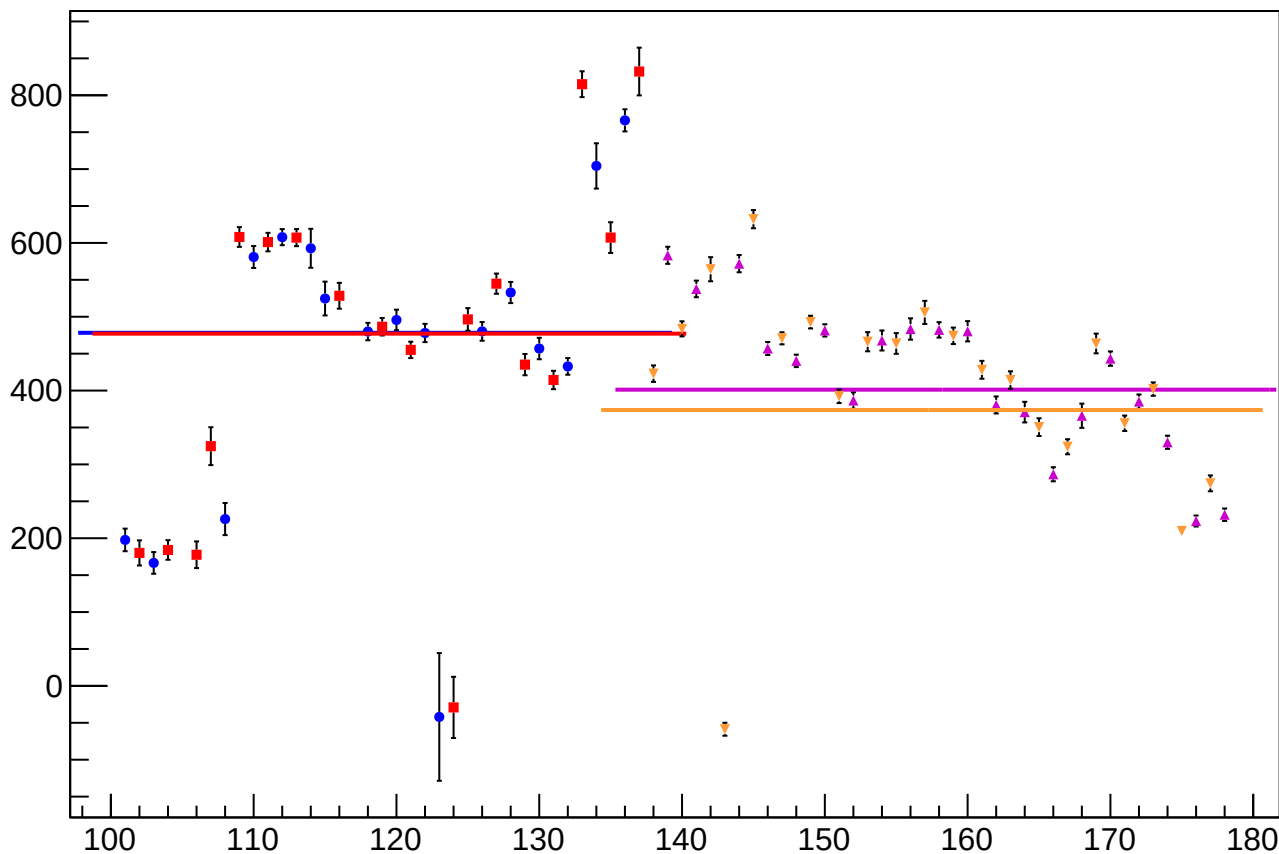
Right: -1.430 $\pm$ 1.347 χ^2/NDF : 610.8/34

In: 1.348 $\pm$ 1.268 χ^2/NDF :512.3/36

Out: 3.673 $\pm$ 1.244 χ^2/NDF :535.4/38

All: 2.533 $\pm$ 0.888 χ^2/NDF : 1049.4/75

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2/NDF : 1627.9/16

Left Out: 373.670 $\pm$ 2.277 χ^2/NDF : 4532.3/20

Right Out: 477.101 $\pm$ 3.541 χ^2/NDF : 2175.8/17

Left In: 401.237 $\pm$ 2.294 χ^2/NDF : 2129.2/19

Left: 387.351 $\pm$ 1.616 χ^2/NDF : 6734.2/40

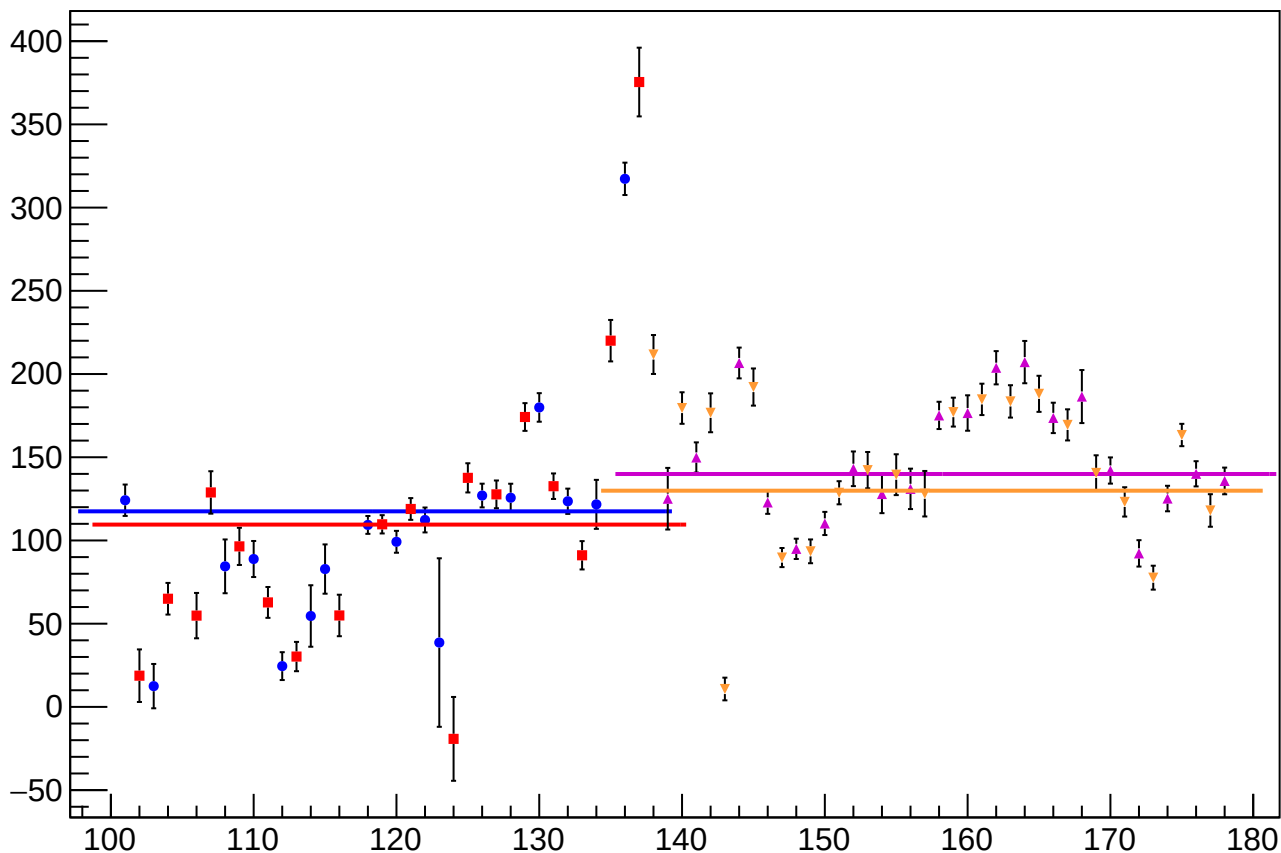
Right: 477.667 $\pm$ 2.538 χ^2/NDF : 3803.8/34

In: 423.156 $\pm$ 1.941 χ^2/NDF : 4077.9/36

Out: 403.928 $\pm$ 1.915 χ^2/NDF : 7311.6/38

All: 413.416 $\pm$ 1.363 χ^2/NDF : 11439.2/75

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 129.907 $\pm$ 1.906 χ^2 /NDF: 727.4/20

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 139.930 $\pm$ 1.972 χ^2 /NDF: 296.0/19

Left: 134.748 $\pm$ 1.371 χ^2 /NDF: 1036.8/40

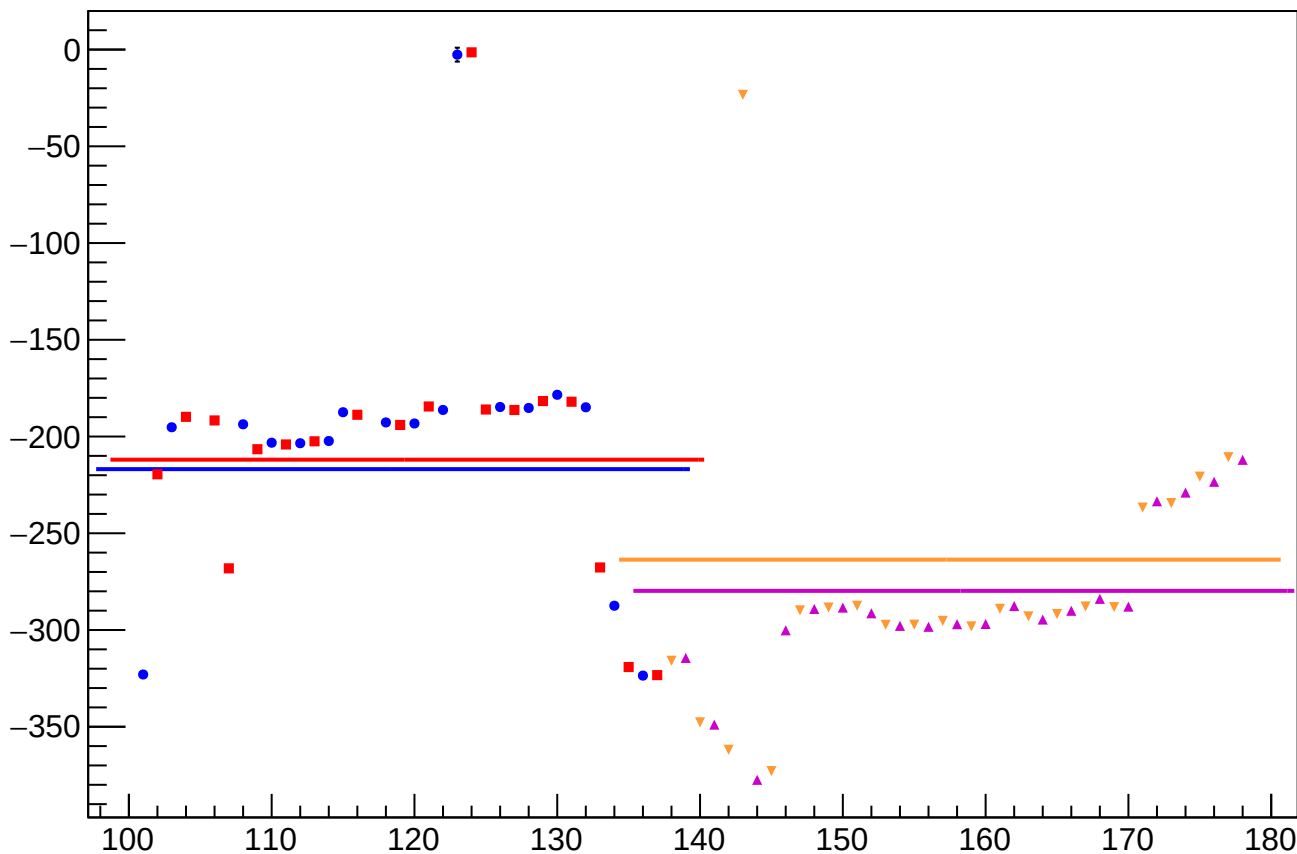
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 129.925 $\pm$ 1.468 χ^2 /NDF: 1059.6/36

Out: 121.209 $\pm$ 1.443 χ^2 /NDF: 1338.4/38

All: 125.492 $\pm$ 1.029 χ^2 /NDF: 2415.9/75

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -263.639 ± 0.092 $\chi^2/\text{NDF}: 683921.3/20$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -279.766 ± 0.092 $\chi^2/\text{NDF}: 178873.3/19$

Left: -271.676 ± 0.065 $\chi^2/\text{NDF}: 878165.7/40$

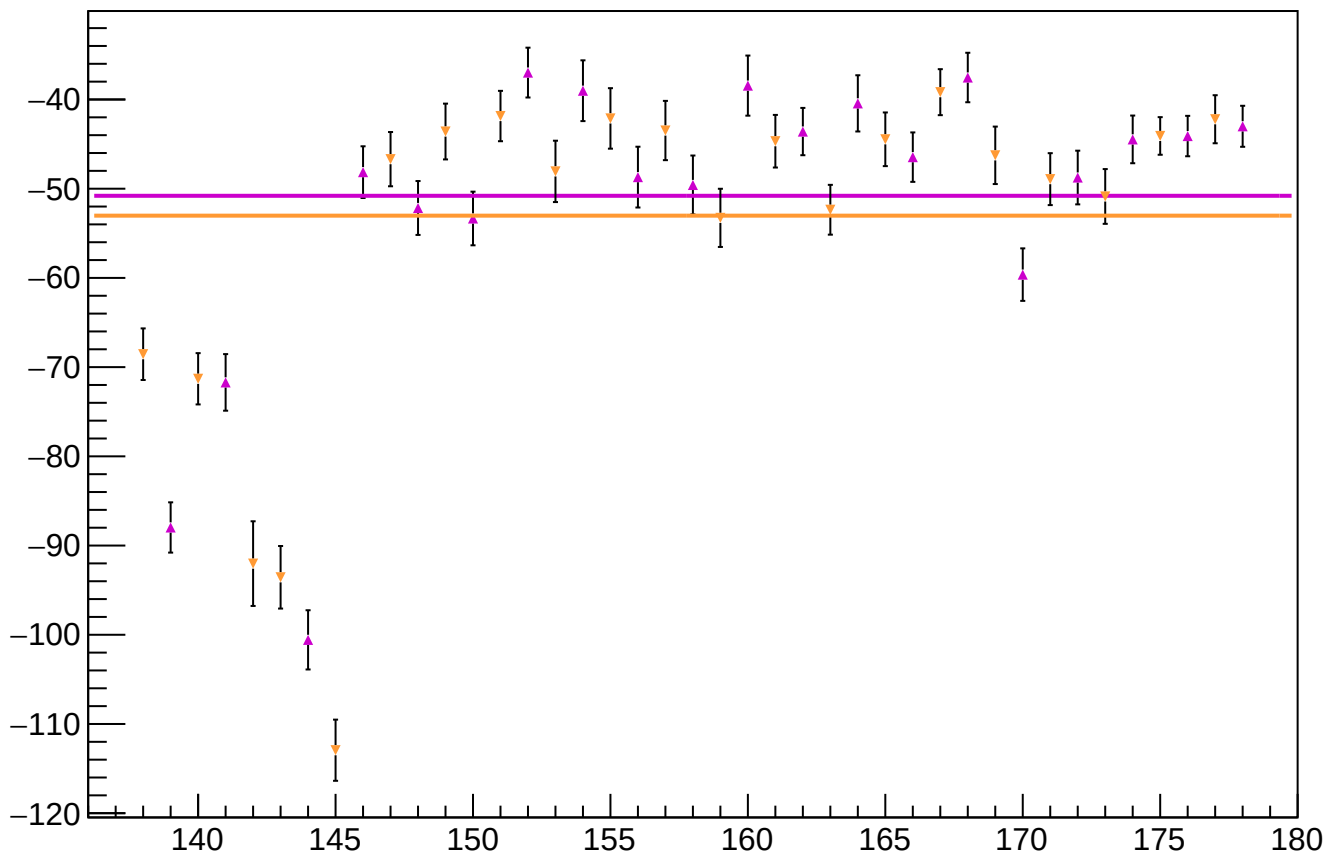
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -259.949 ± 0.076 $\chi^2/\text{NDF}: 472683.3/36$

Out: -246.551 ± 0.075 $\chi^2/\text{NDF}: 900725.2/38$

All: -253.151 ± 0.054 $\chi^2/\text{NDF}: 1389072.2/75$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.021+/-0.655 χ^2/NDF :711.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.795+/-0.647 χ^2/NDF :573.3/19

Left: -51.894+/-0.460 χ^2/NDF : 1290.8/40

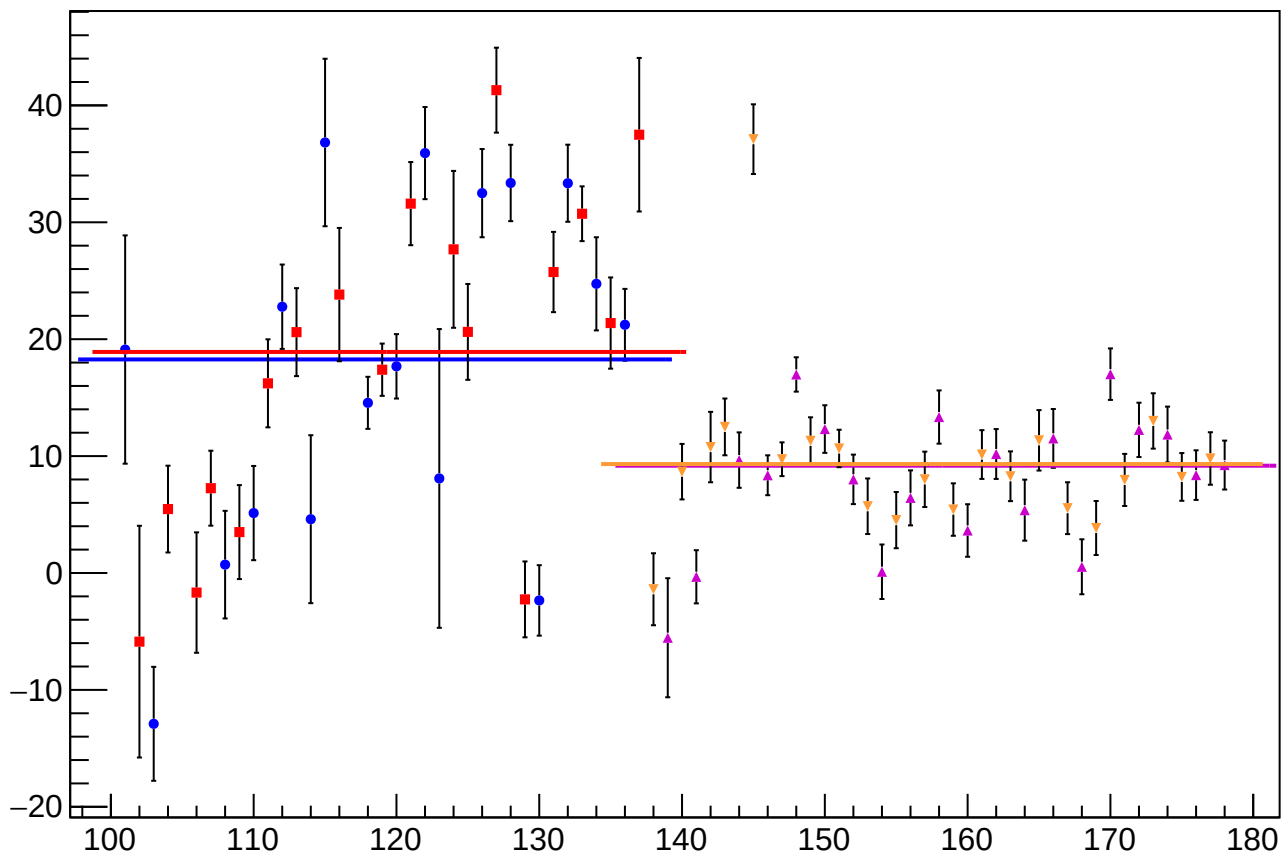
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.795+/-0.647 χ^2/NDF :573.3/19

Out: -53.021+/-0.655 χ^2/NDF :711.7/20

All: -51.894+/-0.460 χ^2/NDF : 1290.8/40

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.318 ± 0.481 χ^2/NDF : 125.0/20

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.178 ± 0.490 χ^2/NDF : 115.4/19

Left: 9.250 ± 0.343 χ^2/NDF : 240.4/40

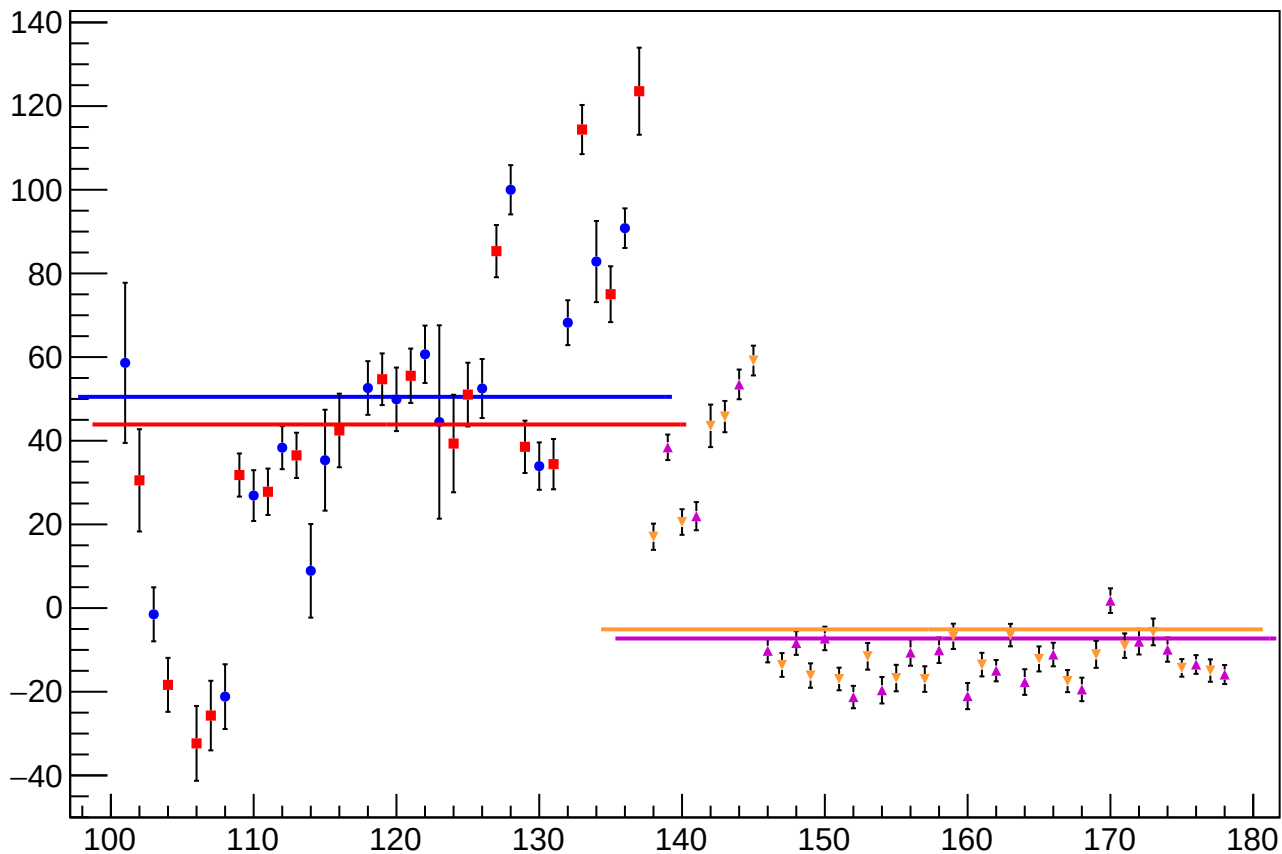
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.235 ± 0.431 χ^2/NDF : 401.5/36

Out: 11.585 ± 0.420 χ^2/NDF : 417.1/38

All: 11.415 ± 0.301 χ^2/NDF : 818.9/75

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -5.087 ± 0.648 χ^2/NDF : 872.7/20

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: -7.271 ± 0.639 χ^2/NDF : 731.0/19

Left: -6.193 ± 0.455 χ^2/NDF : 1609.5/40

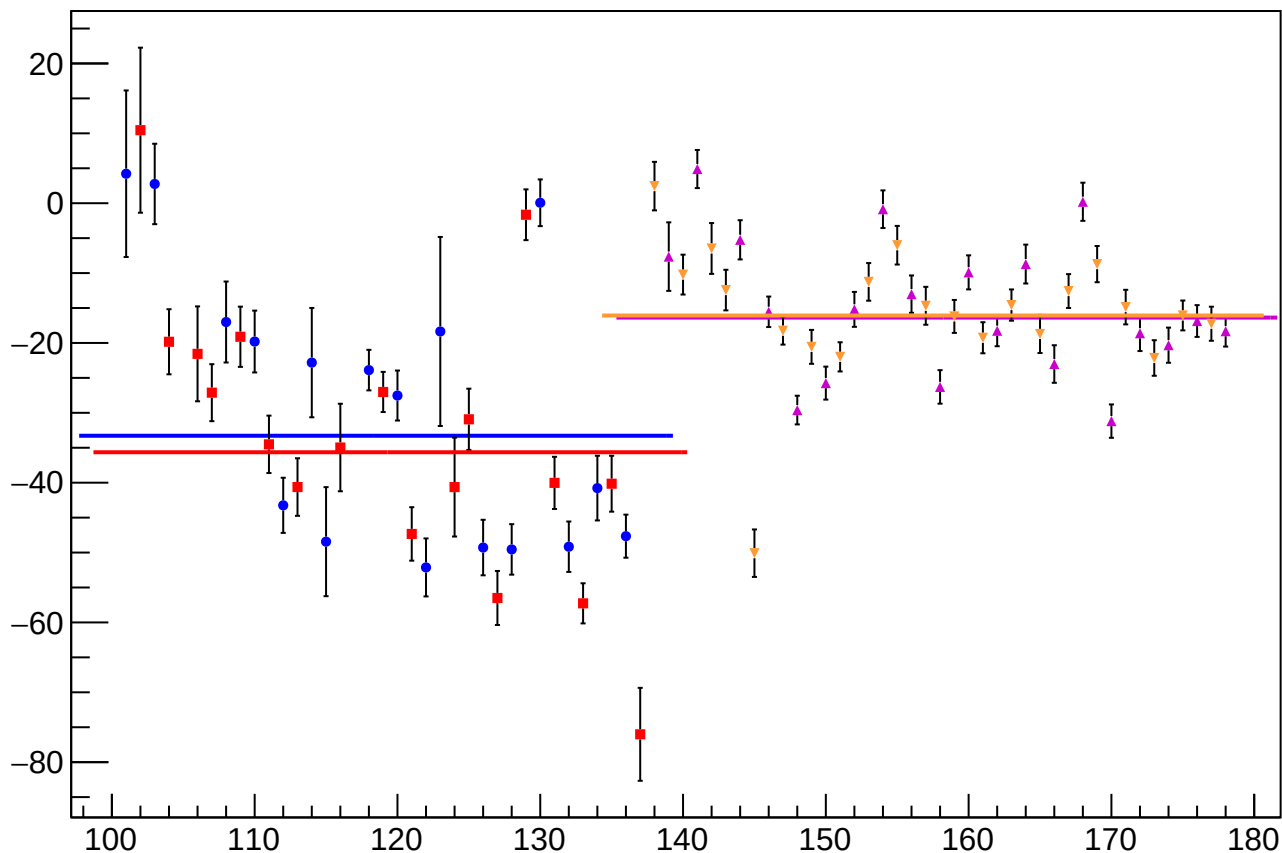
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: 0.102 ± 0.597 χ^2/NDF : 2137.0/36

Out: 1.782 ± 0.600 χ^2/NDF : 2206.5/38

All: 0.937 ± 0.423 χ^2/NDF : 4347.5/75

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.074 ± 0.552 χ^2/NDF : 190.6/20

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.371 ± 0.559 χ^2/NDF : 290.1/19

Left: -16.221 ± 0.393 χ^2/NDF : 480.8/40

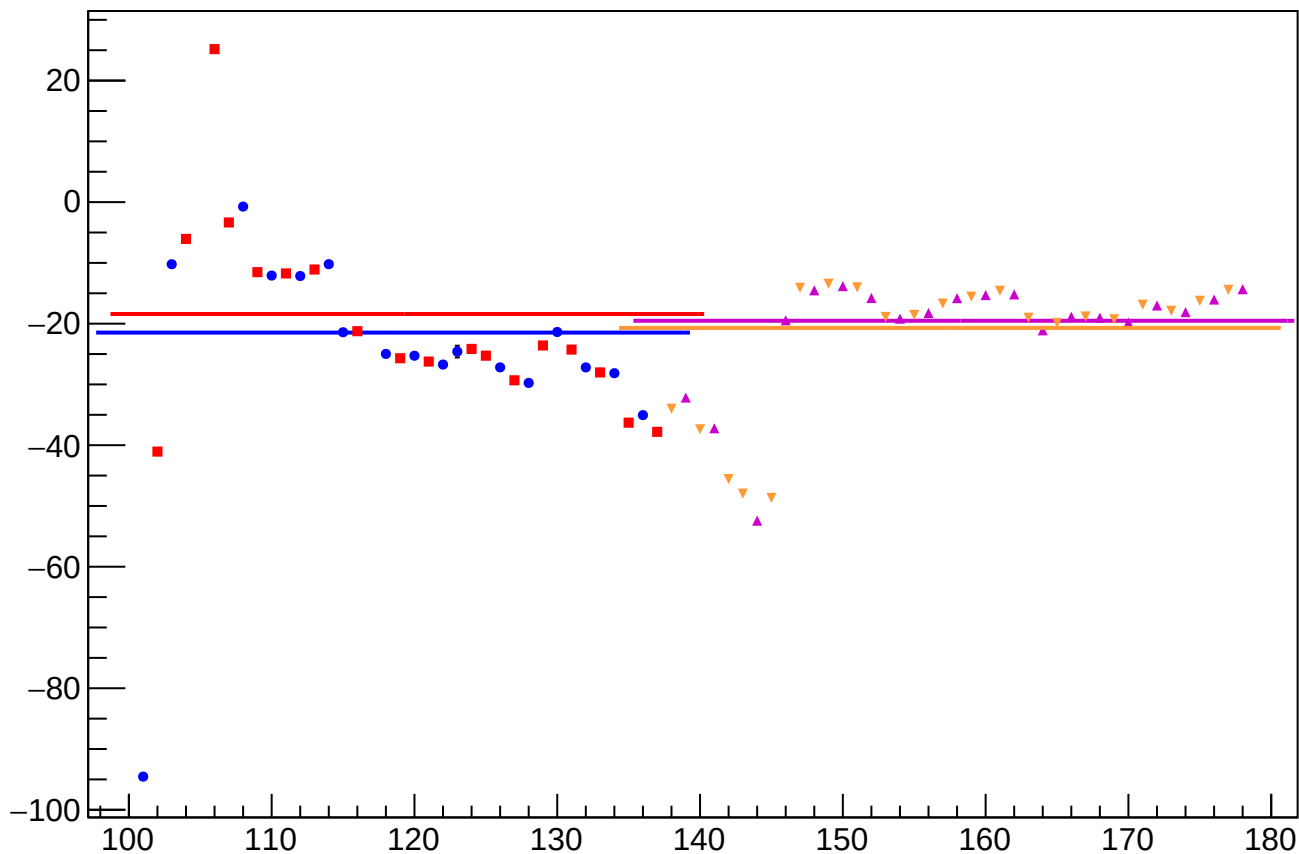
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.190 ± 0.492 χ^2/NDF : 789.7/36

Out: -20.693 ± 0.482 χ^2/NDF : 772.1/38

All: -20.446 ± 0.344 χ^2/NDF : 1562.3/75

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: -20.701 ± 0.026 $\chi^2/\text{NDF}: 140109.8/20$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -19.526 ± 0.025 $\chi^2/\text{NDF}: 89942.5/19$

Left: -20.108 ± 0.018 $\chi^2/\text{NDF}: 231121.7/40$

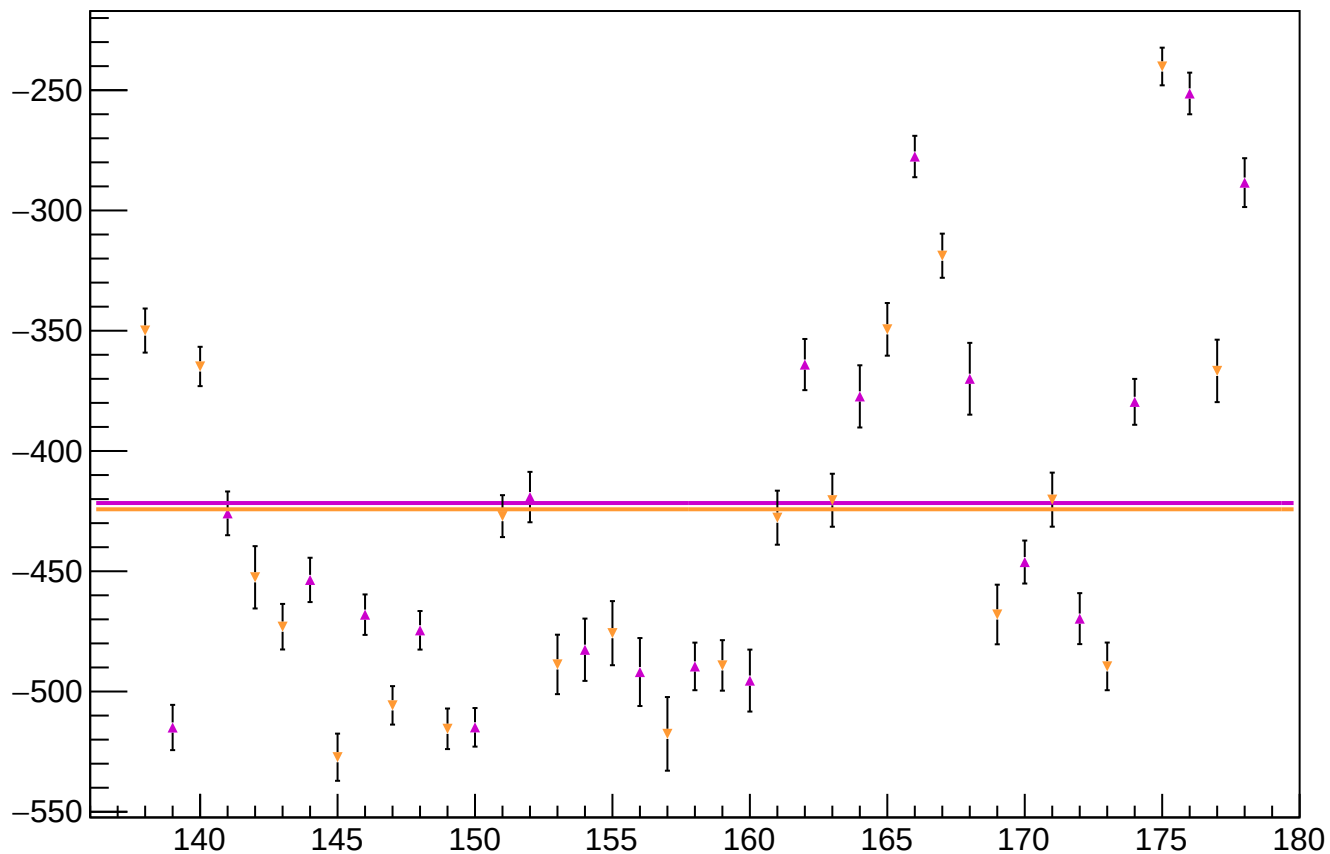
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -19.830 ± 0.023 $\chi^2/\text{NDF}: 139844.7/36$

Out: -20.323 ± 0.023 $\chi^2/\text{NDF}: 219026.7/38$

All: -20.075 ± 0.016 $\chi^2/\text{NDF}: 359095.7/75$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -424.238+/-2.203 χ^2/NDF :1406.4/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -421.635+/-2.209 χ^2/NDF :1386.7/19

Left: -422.940+/-1.560 χ^2/NDF : 2793.8/40

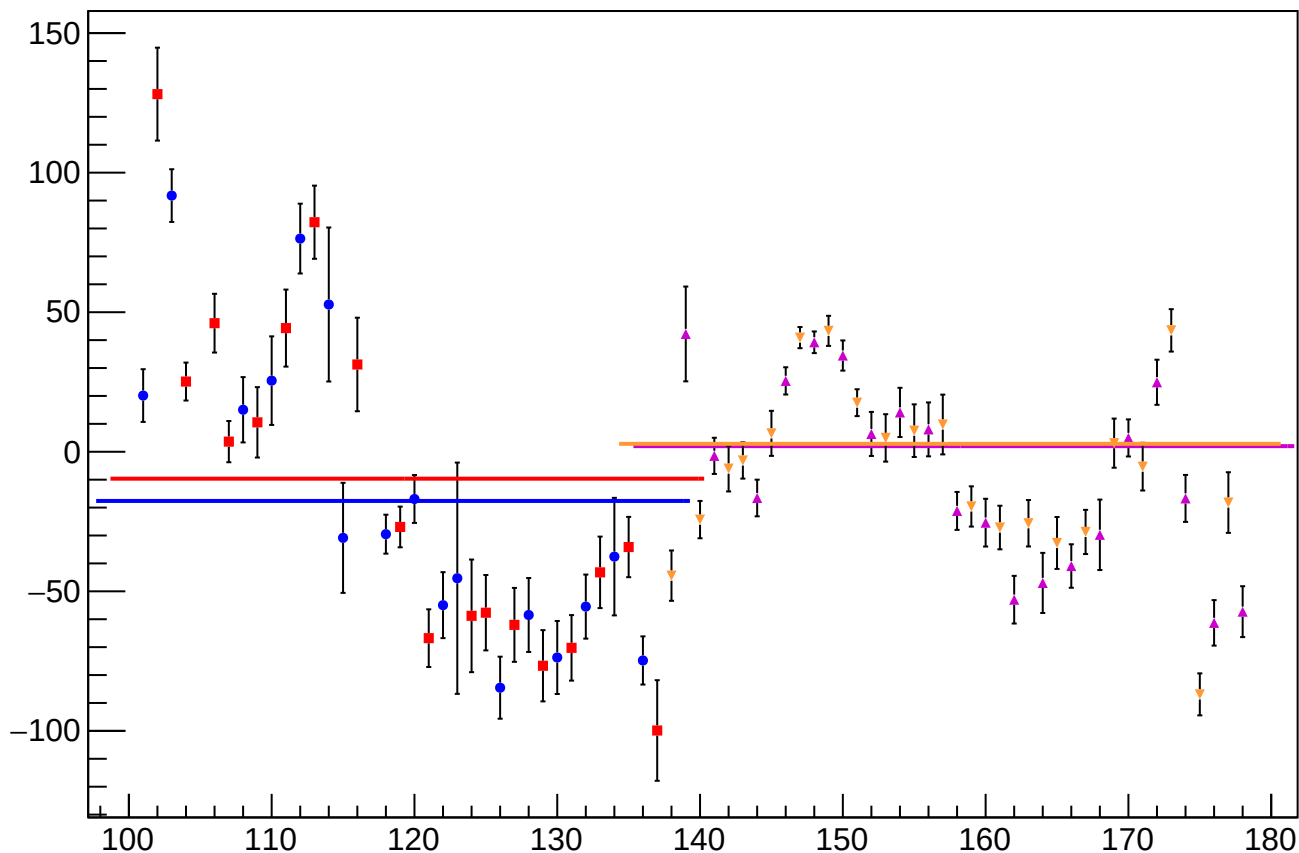
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -421.635+/-2.209 χ^2/NDF :1386.7/19

Out: -424.238+/-2.203 χ^2/NDF :1406.4/20

All: -422.940+/-1.560 χ^2/NDF : 2793.8/40

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 2.844 ± 1.548 χ^2/NDF : 455.7/20

Right Out: -9.641 ± 2.613 χ^2/NDF : 360.7/17

Left In: 2.011 ± 1.597 χ^2/NDF : 404.0/19

Left: 2.441 ± 1.111 χ^2/NDF : 859.8/40

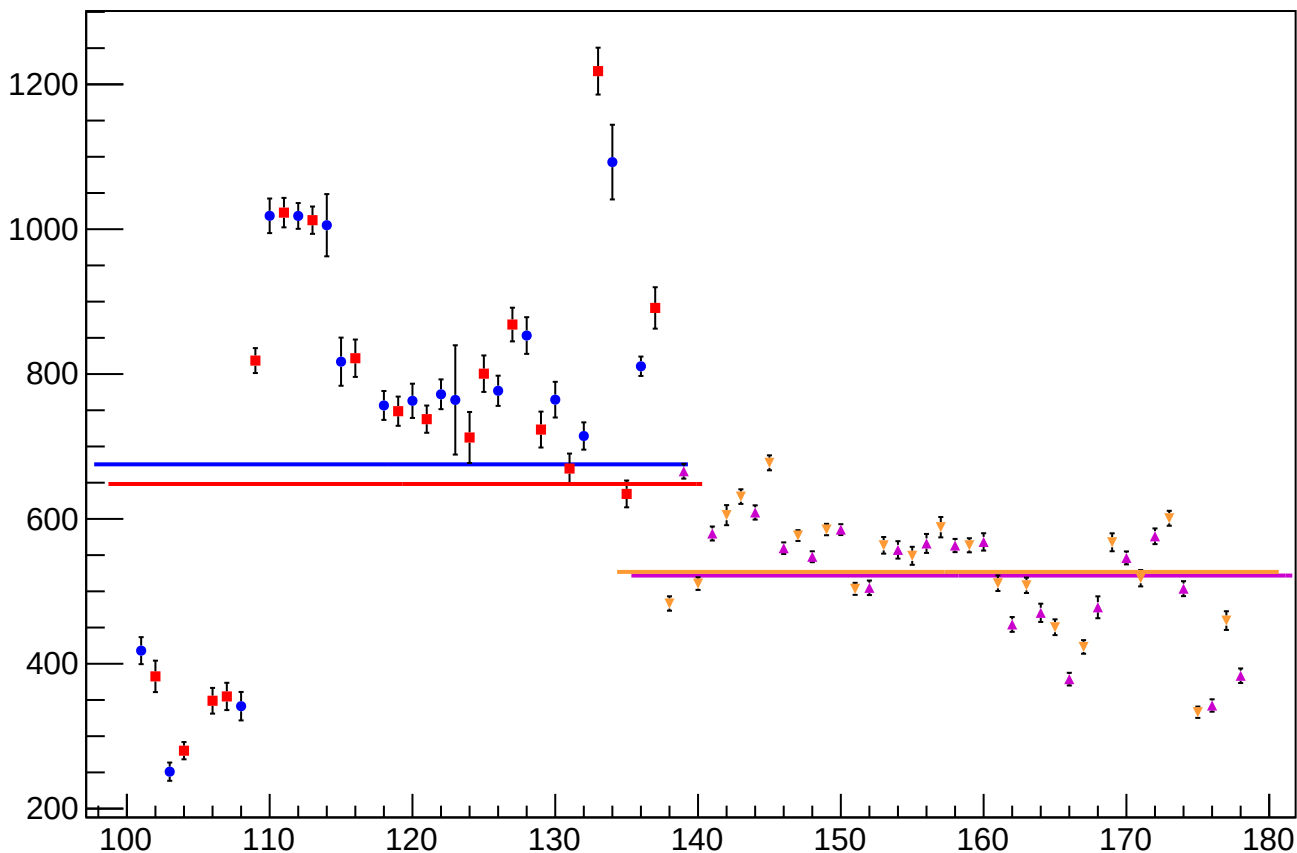
Right: -13.374 ± 1.906 χ^2/NDF : 727.1/34

In: -2.842 ± 1.385 χ^2/NDF : 803.4/36

Out: -0.400 ± 1.332 χ^2/NDF : 833.2/38

All: -1.573 ± 0.960 χ^2/NDF : 1638.3/75

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 526.834+/-2.186 χ^2/NDF :1408.6/20

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 521.794+/-2.181 χ^2/NDF :1476.0/19

Left: 524.308+/-1.544 χ^2/NDF : 2887.2/40

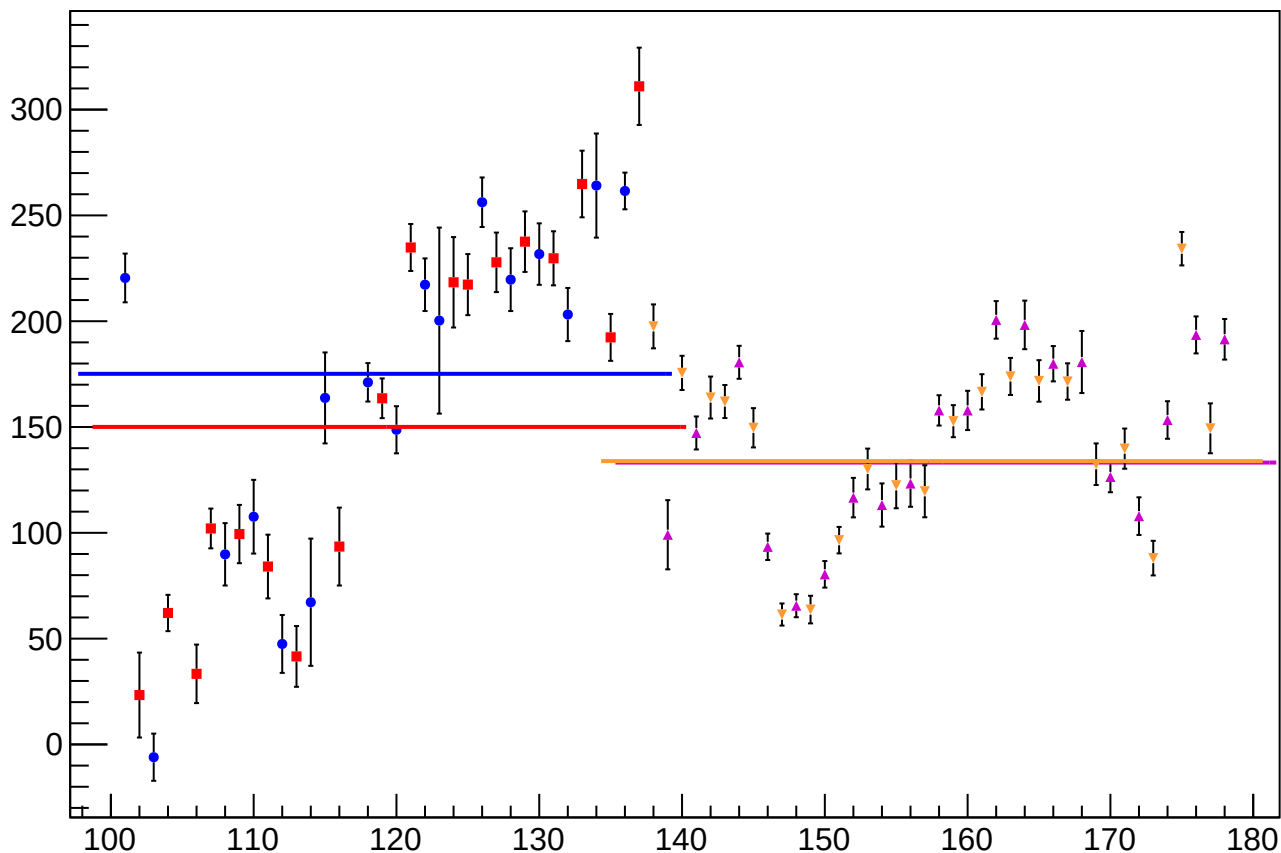
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 545.959+/-2.002 χ^2/NDF :4838.9/36

Out: 547.865+/-1.987 χ^2/NDF :5002.0/38

All: 546.919+/-1.410 χ^2/NDF : 9841.4/75

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 133.890 ± 1.818 $\chi^2/\text{NDF}: 707.1/20$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 133.202 ± 1.858 $\chi^2/\text{NDF}: 567.9/19$

Left: 133.554 ± 1.299 $\chi^2/\text{NDF}: 1275.1/40$

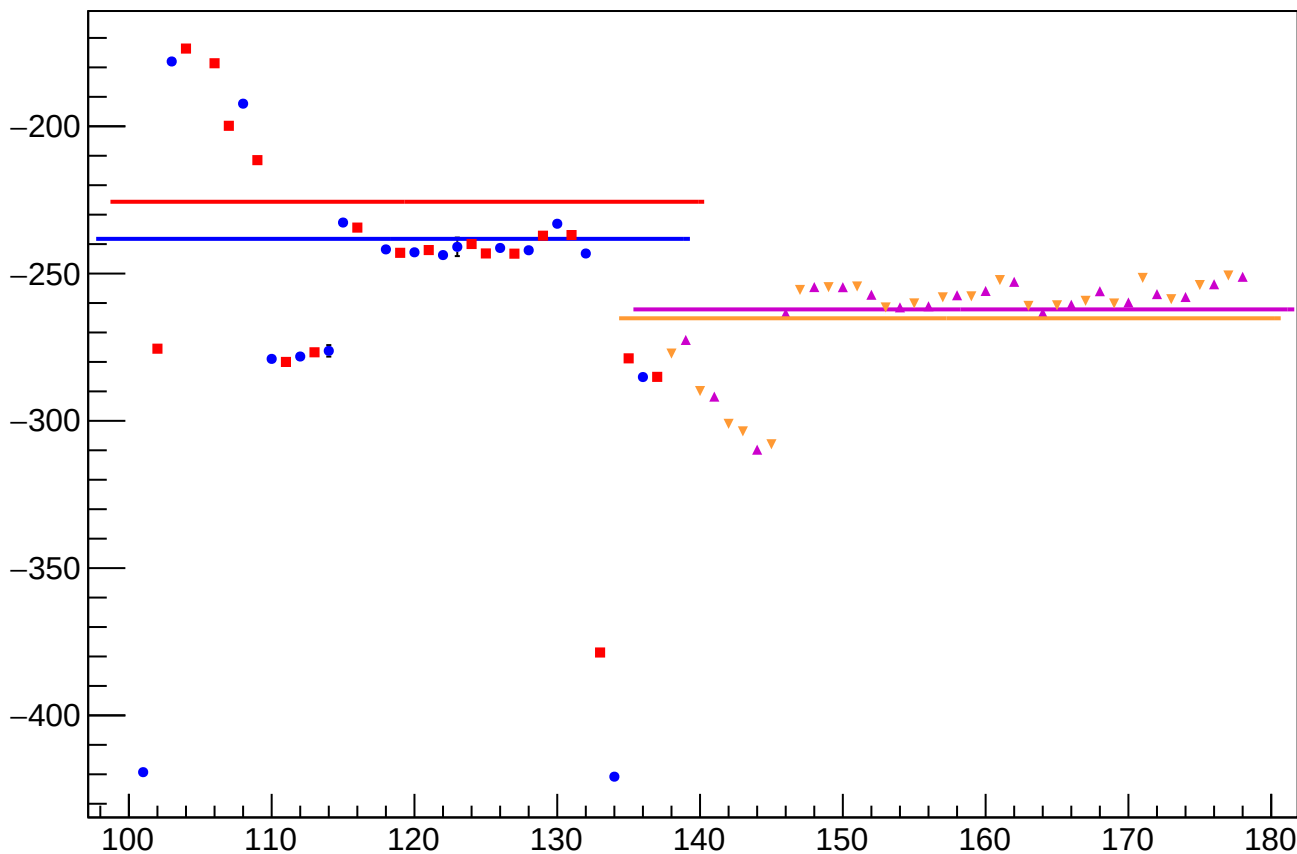
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 143.730 ± 1.608 $\chi^2/\text{NDF}: 1331.5/36$

Out: 138.137 ± 1.561 $\chi^2/\text{NDF}: 1414.0/38$

All: 140.850 ± 1.120 $\chi^2/\text{NDF}: 2751.8/75$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -265.183+/-0.088 χ^2/NDF : 37414.4/20

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -262.163+/-0.087 χ^2/NDF : 22531.3/19

Left: -263.662+/-0.062 χ^2/NDF : 60539.9/40

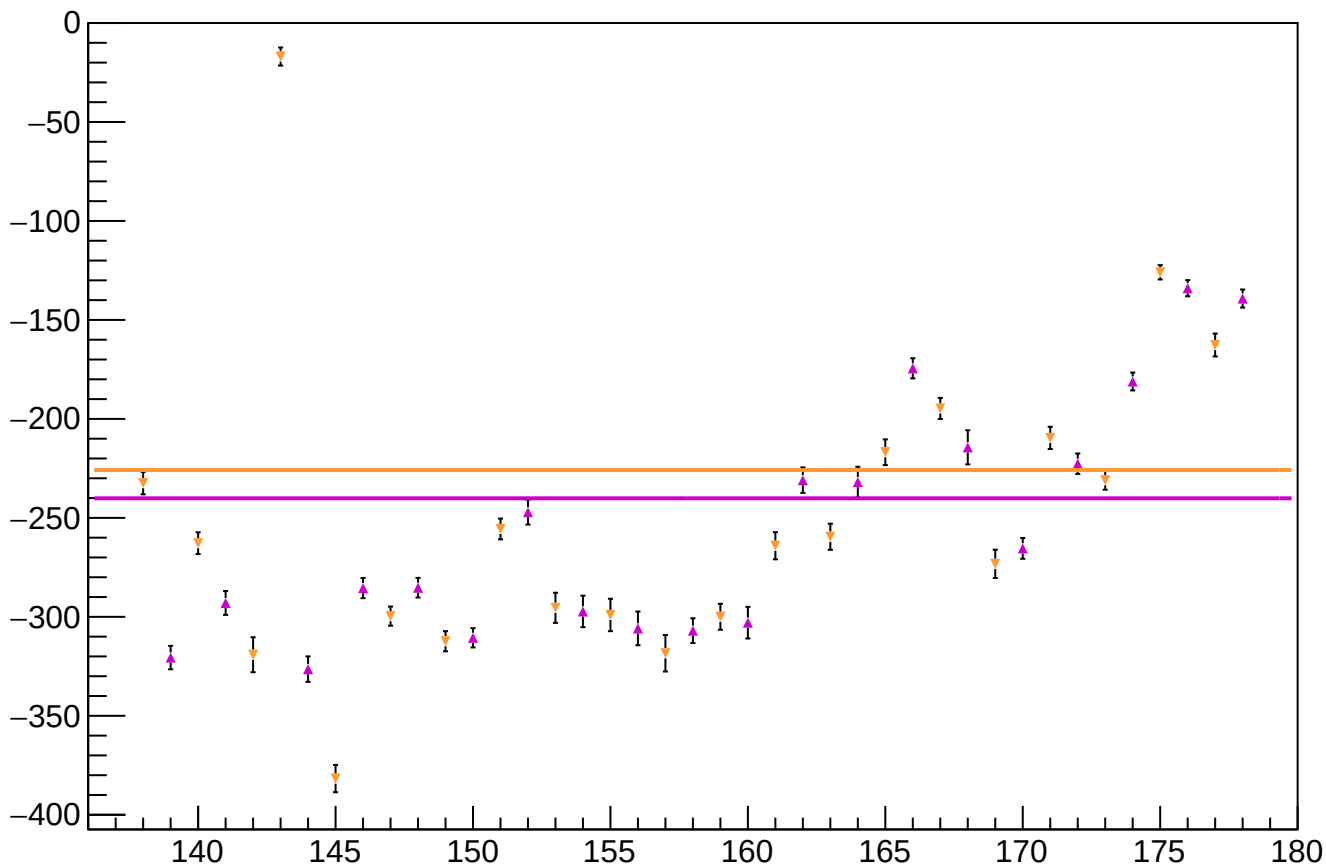
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.676+/-0.077 χ^2/NDF : 206883.6/36

Out: -255.223+/-0.076 χ^2/NDF : 183834.2/38

All: -255.944+/-0.054 χ^2/NDF : 390898.9/75

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -225.807+/-1.255 χ^2/NDF :4738.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -240.131+/-1.269 χ^2/NDF :2649.2/19

Left: -232.893+/-0.892 χ^2/NDF : 7451.8/40

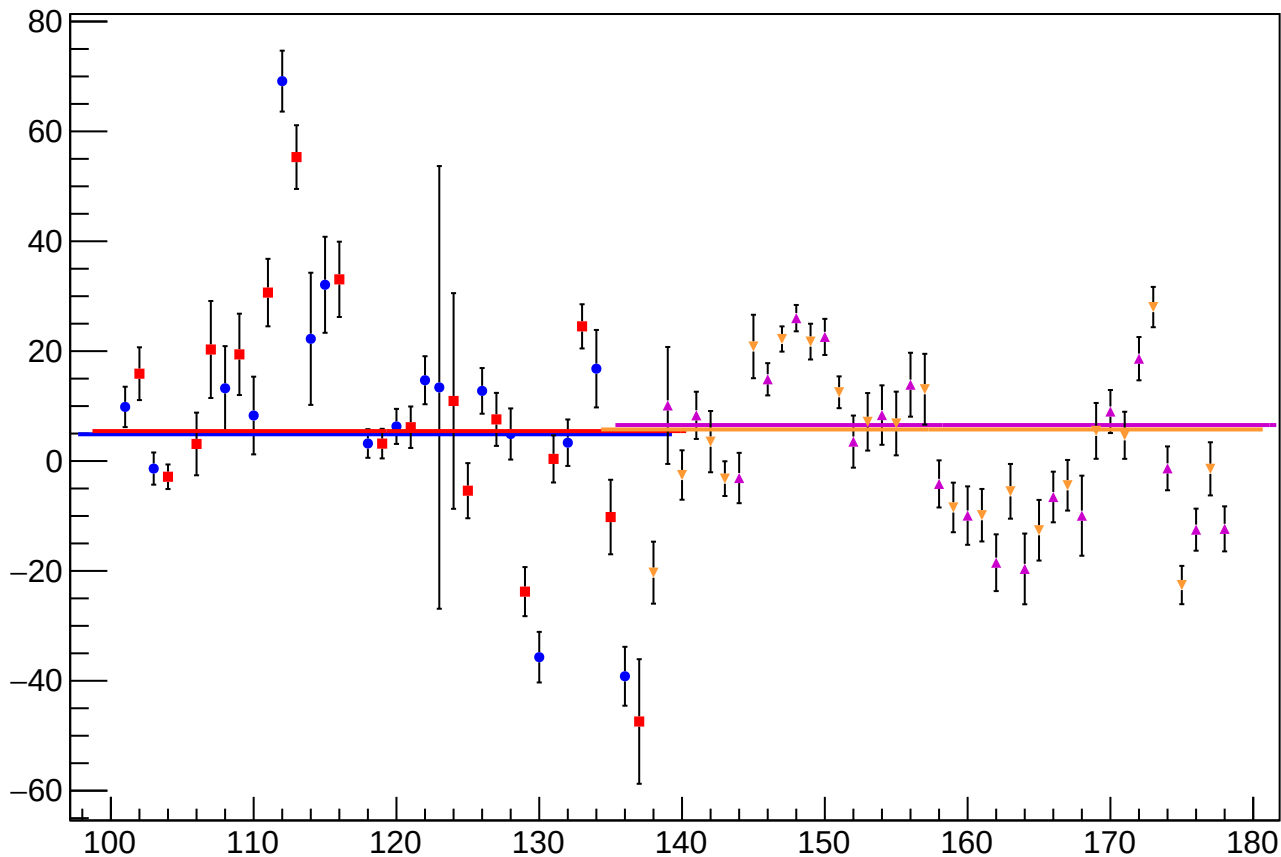
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.131+/-1.269 χ^2/NDF :2649.2/19

Out: -225.807+/-1.255 χ^2/NDF :4738.1/20

All: -232.893+/-0.892 χ^2/NDF : 7451.8/40

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870+/-1.091 χ^2/NDF : 311.5/16

Left Out: 5.742+/-0.897 χ^2/NDF : 268.9/20

Right Out: 5.450+/-1.071 χ^2/NDF : 231.5/17

Left In: 6.548+/-0.937 χ^2/NDF : 233.3/19

Left: 6.127+/-0.648 χ^2/NDF : 502.5/40

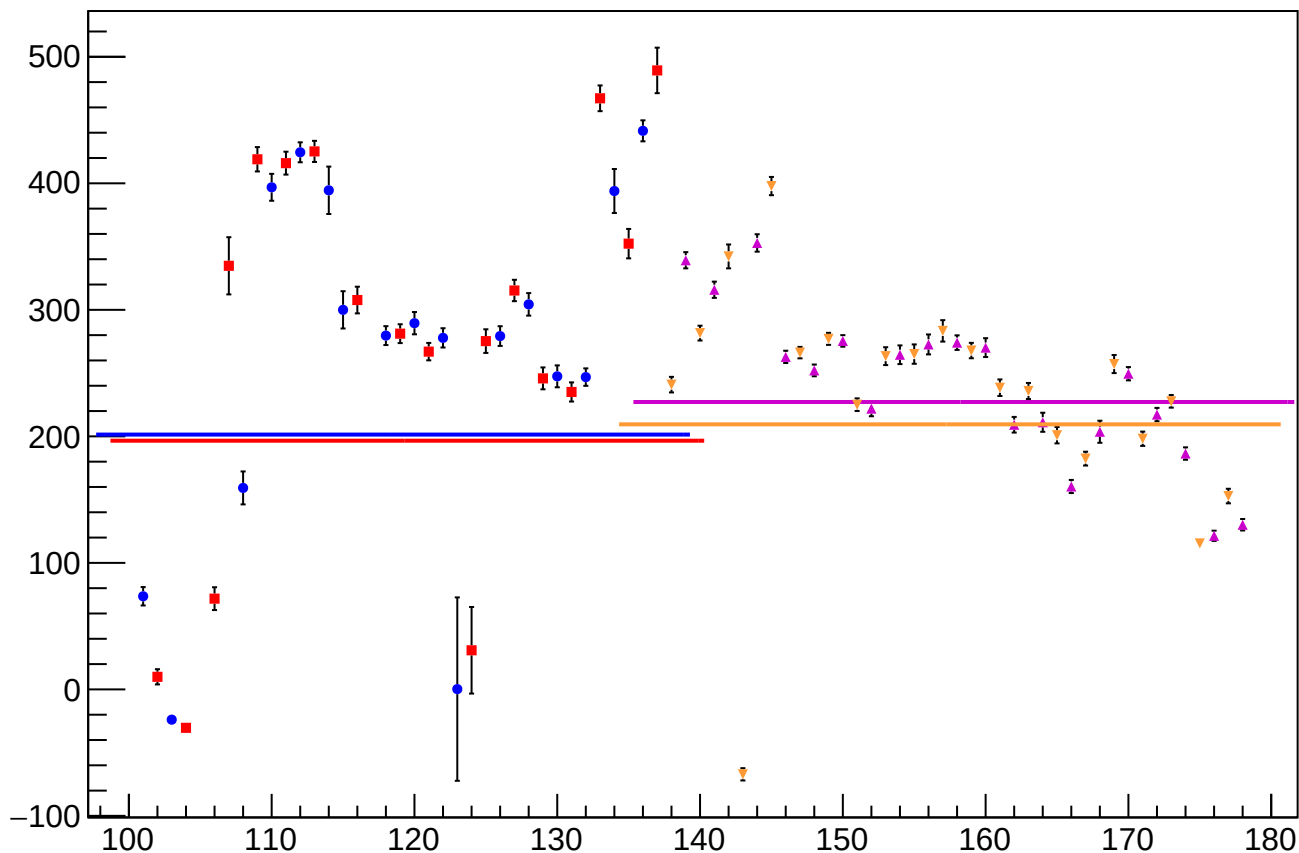
Right: 5.165+/-0.764 χ^2/NDF : 543.2/34

In: 5.835+/-0.711 χ^2/NDF : 546.2/36

Out: 5.621+/-0.688 χ^2/NDF : 500.5/38

All: 5.725+/-0.494 χ^2/NDF : 1046.7/75

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 209.500 $\pm$ 1.248 χ^2 /NDF: 5832.5/20

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 227.166 $\pm$ 1.256 χ^2 /NDF: 2604.1/19

Left: 218.277 $\pm$ 0.885 χ^2 /NDF: 8536.2/40

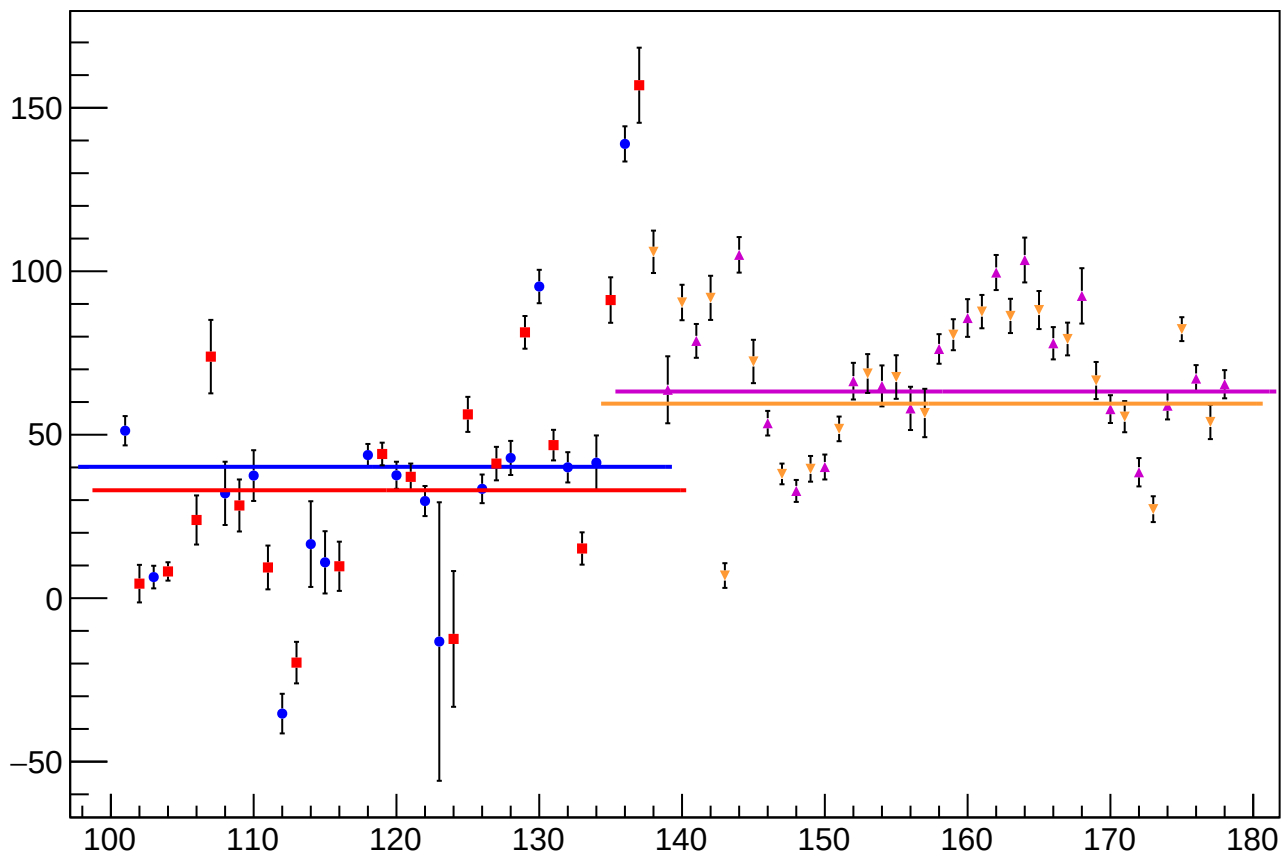
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 219.745 $\pm$ 1.059 χ^2 /NDF: 9465.7/36

Out: 205.692 $\pm$ 1.048 χ^2 /NDF: 14042.2/38

All: 212.642 $\pm$ 0.745 χ^2 /NDF: 23596.9/75

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2 /NDF: 734.0/16

Left Out: 59.505+/-1.045 χ^2 /NDF:609.6/20

Right Out: 33.009+/-1.253 χ^2 /NDF: 547.2/17

Left In: 63.216+/-1.081 χ^2 /NDF:355.4/19

Left: 61.299+/-0.751 χ^2 /NDF: 971.1/40

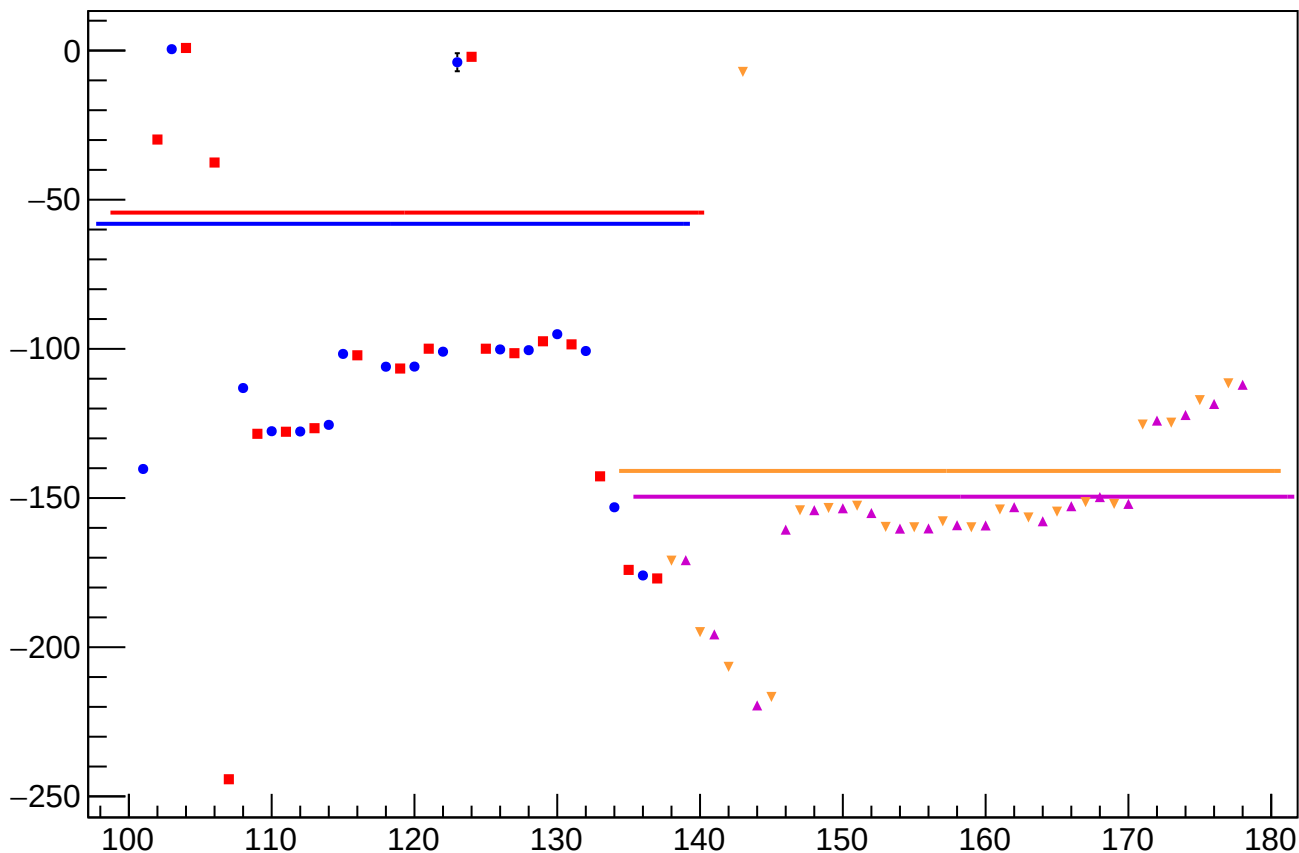
Right: 36.547+/-0.892 χ^2 /NDF: 1297.4/34

In: 53.543+/-0.823 χ^2 /NDF:1280.2/36

Out: 48.632+/-0.803 χ^2 /NDF:1420.5/38

All: 51.026+/-0.575 χ^2 /NDF: 2719.0/75

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -140.913 ± 0.050 $\chi^2/\text{NDF}: 723601.6/20$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -149.551 ± 0.050 $\chi^2/\text{NDF}: 207788.5/19$

Left: -145.220 ± 0.036 $\chi^2/\text{NDF}: 946119.4/40$

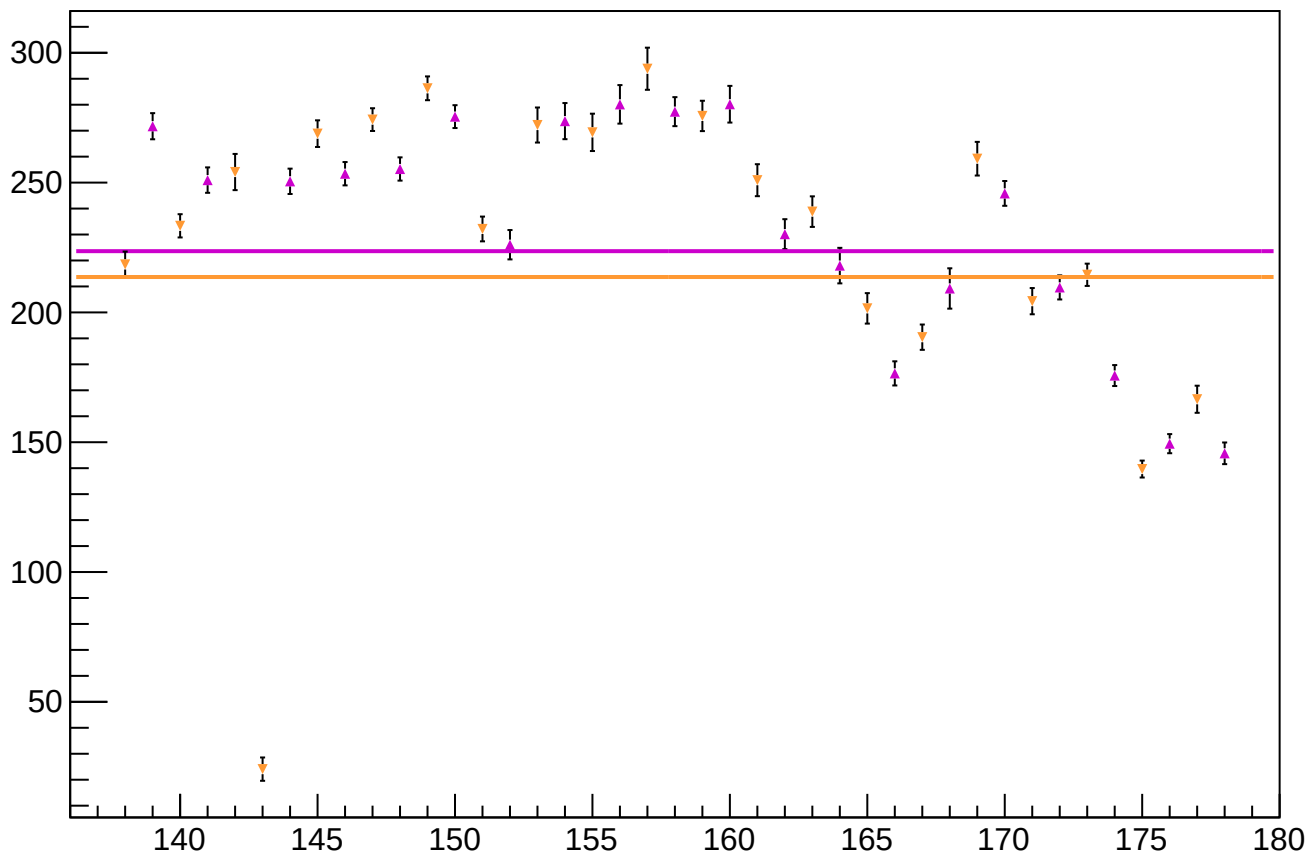
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -112.889 ± 0.039 $\chi^2/\text{NDF}: 2632677.4/36$

Out: -105.512 ± 0.039 $\chi^2/\text{NDF}: 2928091.9/38$

All: -109.166 ± 0.027 $\chi^2/\text{NDF}: 5578814.5/75$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 213.634+/-1.116 χ^2/NDF :3486.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 223.590+/-1.123 χ^2/NDF :1686.0/19

Left: 218.583+/-0.792 χ^2/NDF : 5211.5/40

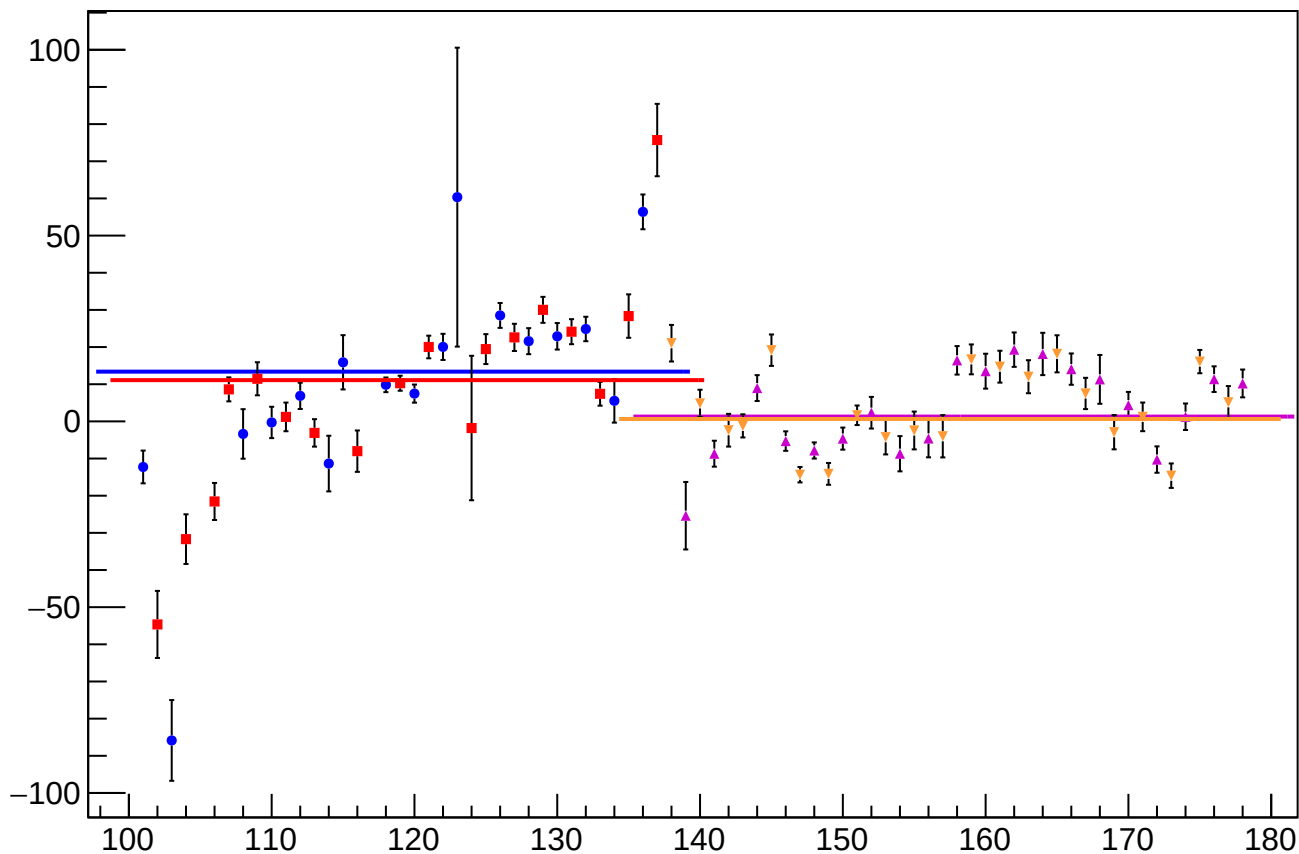
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 223.590+/-1.123 χ^2/NDF :1686.0/19

Out: 213.634+/-1.116 χ^2/NDF :3486.0/20

All: 218.583+/-0.792 χ^2/NDF : 5211.5/40

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: 0.644 ± 0.801 χ^2/NDF : 213.8/20

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 1.295 ± 0.831 χ^2/NDF : 138.8/19

Left: 0.958 ± 0.577 χ^2/NDF : 352.9/40

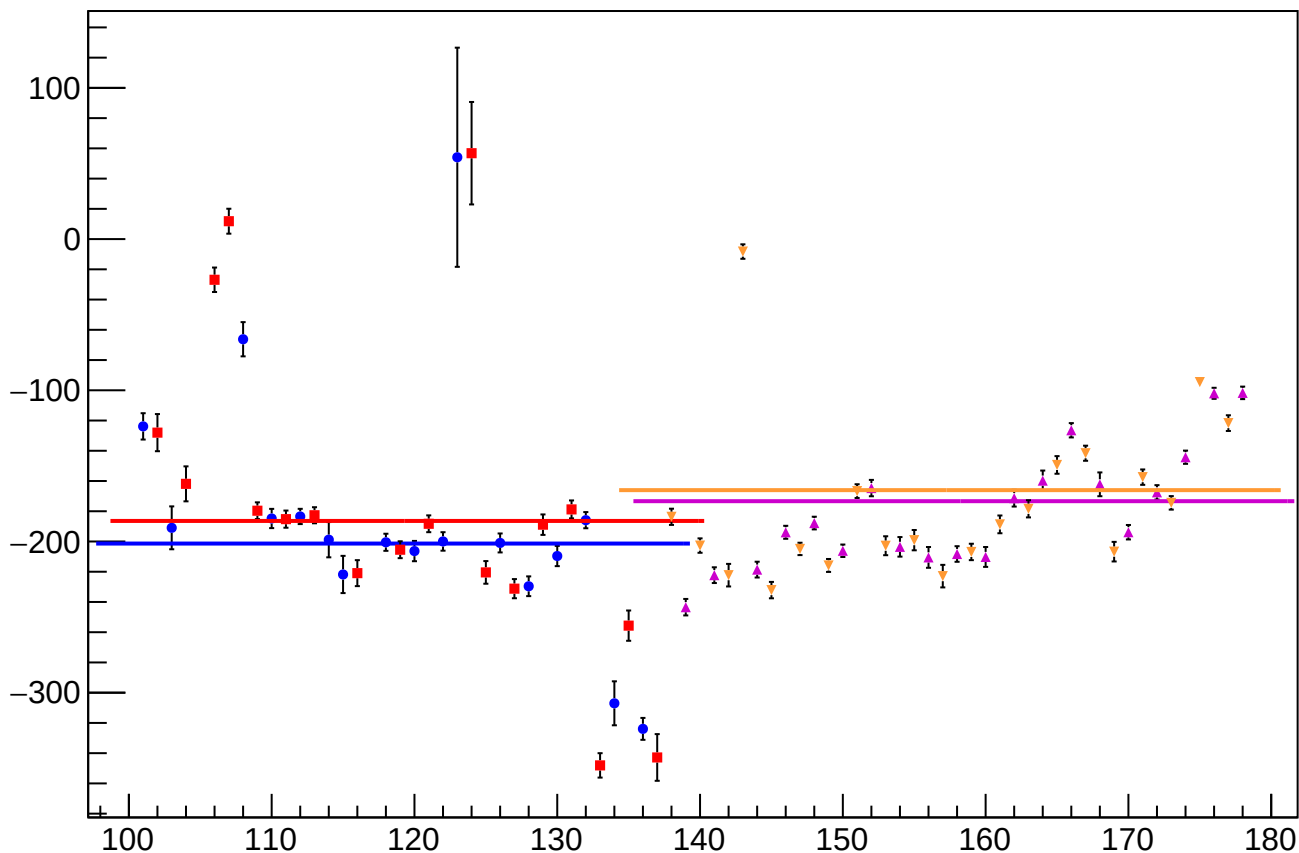
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.718 ± 0.617 χ^2/NDF : 527.9/36

Out: 5.179 ± 0.603 χ^2/NDF : 580.0/38

All: 5.931 ± 0.431 χ^2/NDF : 1111.0/75

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -166.042 ± 1.111 χ^2/NDF : 2412.0/20

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -173.343 ± 1.113 χ^2/NDF : 1409.3/19

Left: -169.685 ± 0.786 χ^2/NDF : 3842.9/40

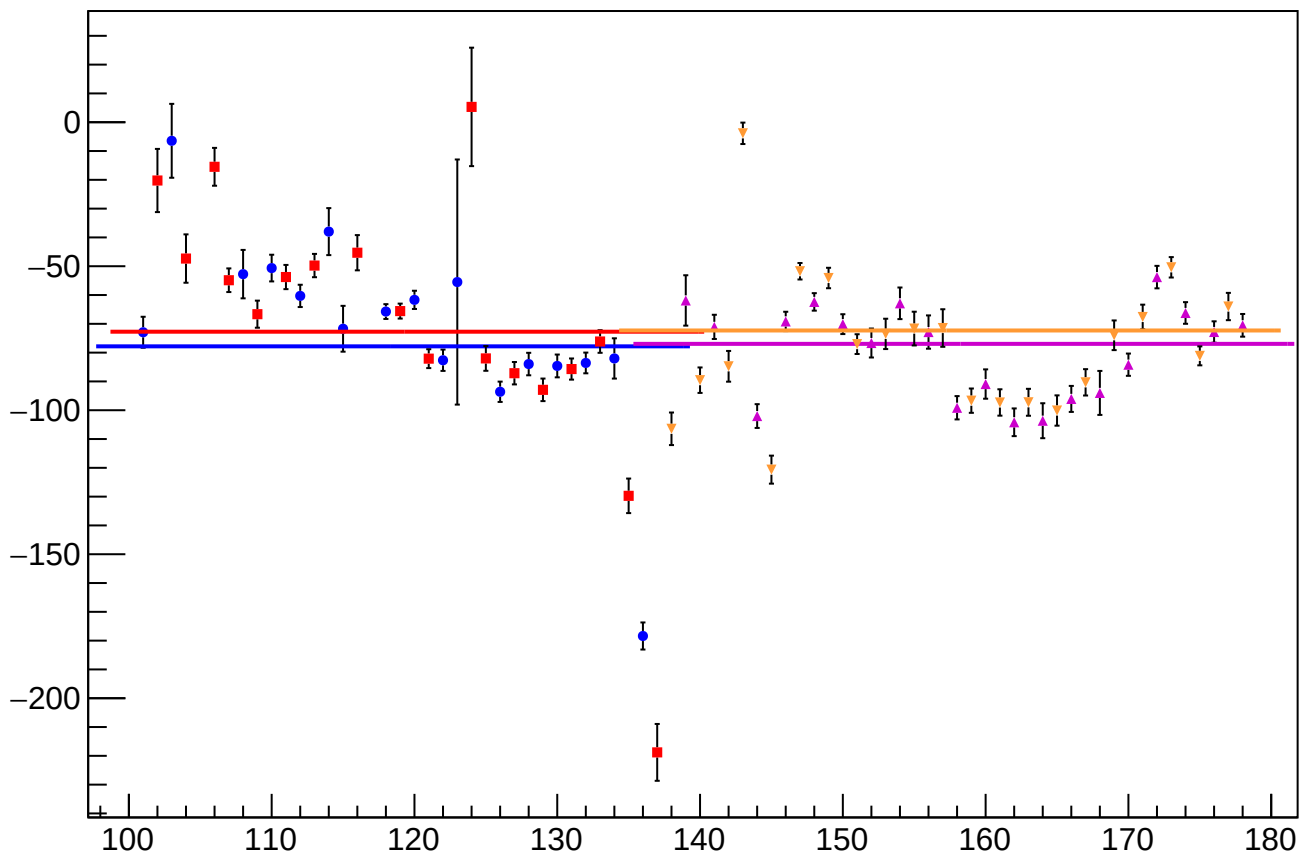
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -181.200 ± 0.944 χ^2/NDF : 2211.9/36

Out: -172.120 ± 0.931 χ^2/NDF : 4211.8/38

All: -176.593 ± 0.663 χ^2/NDF : 6470.6/75

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -72.311 ± 0.933 χ^2/NDF : 759.4/20

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -76.957 ± 0.958 χ^2/NDF : 243.9/19

Left: -74.571 ± 0.668 χ^2/NDF : 1015.3/40

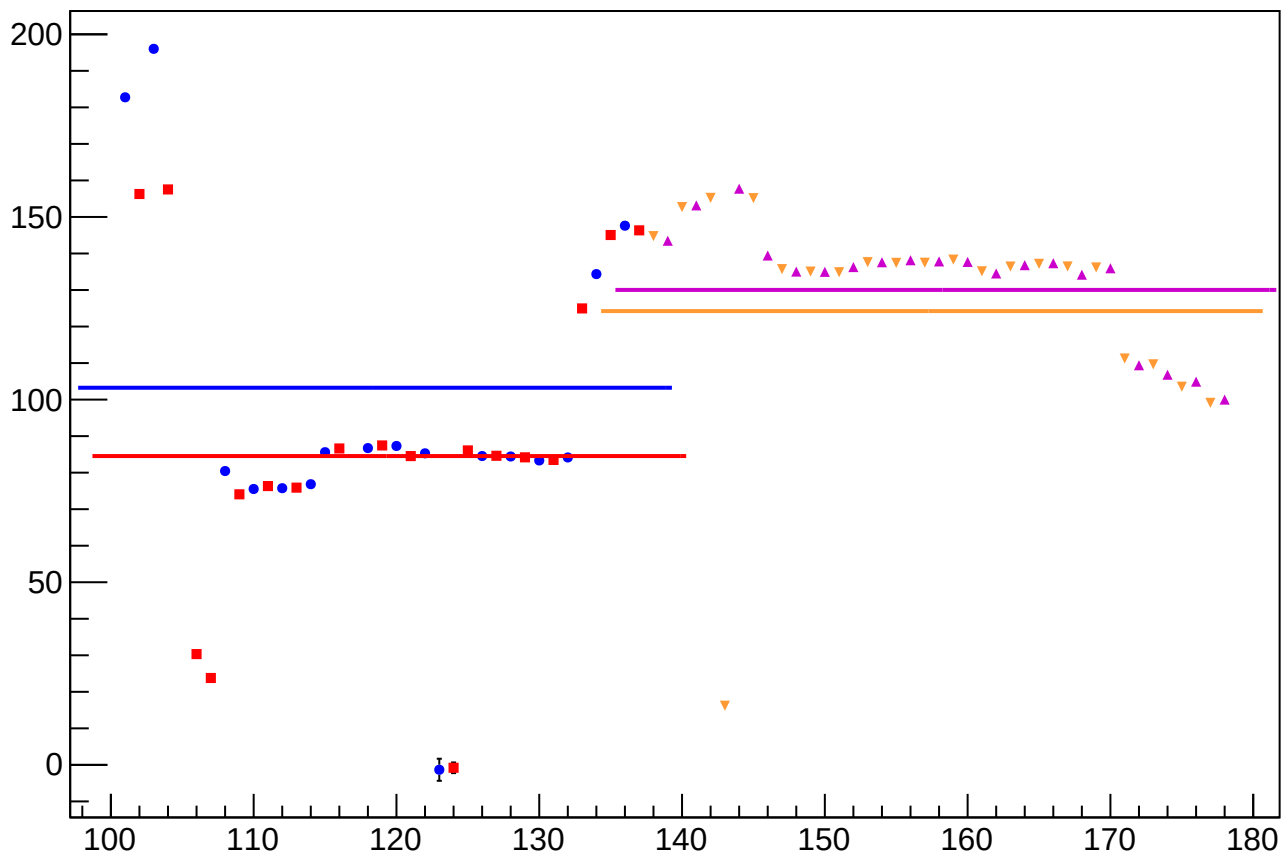
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.341 ± 0.713 χ^2/NDF : 900.6/36

Out: -72.497 ± 0.698 χ^2/NDF : 1358.4/38

All: -74.868 ± 0.499 χ^2/NDF : 2282.6/75

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: 124.230 $\pm$ 0.045 χ^2 /NDF: 460169.3/20

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 130.029 $\pm$ 0.045 χ^2 /NDF: 128238.5/19

Left: 127.134 $\pm$ 0.032 χ^2 /NDF: 596826.2/40

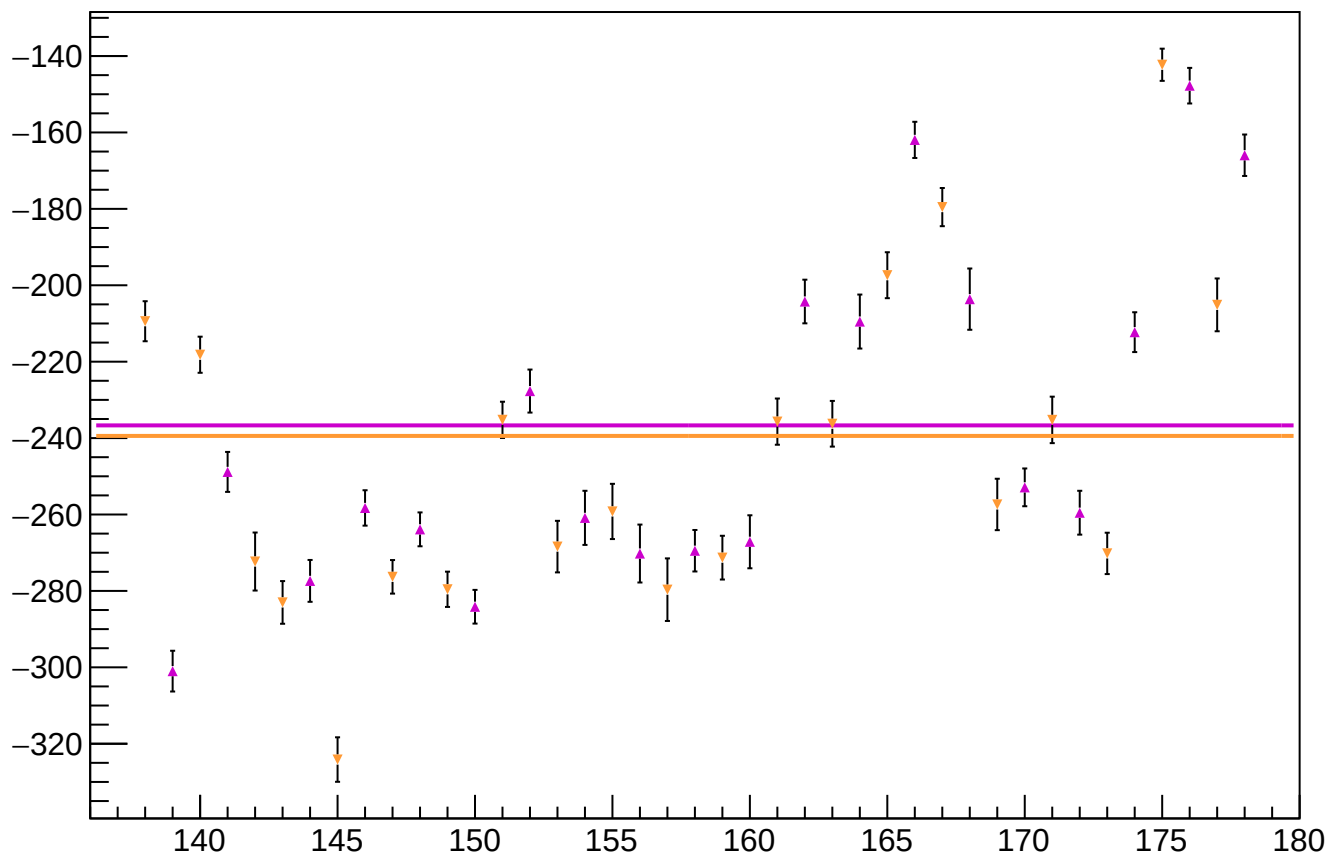
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 122.355 $\pm$ 0.038 χ^2 /NDF: 504706.9/36

Out: 111.185 $\pm$ 0.037 χ^2 /NDF: 1130418.4/38

All: 116.609 $\pm$ 0.026 χ^2 /NDF: 1680247.0/75

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -239.430+/-1.219 χ^2/NDF :1362.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -236.675+/-1.216 χ^2/NDF :1366.8/19

Left: -238.049+/-0.861 χ^2/NDF : 2731.3/40

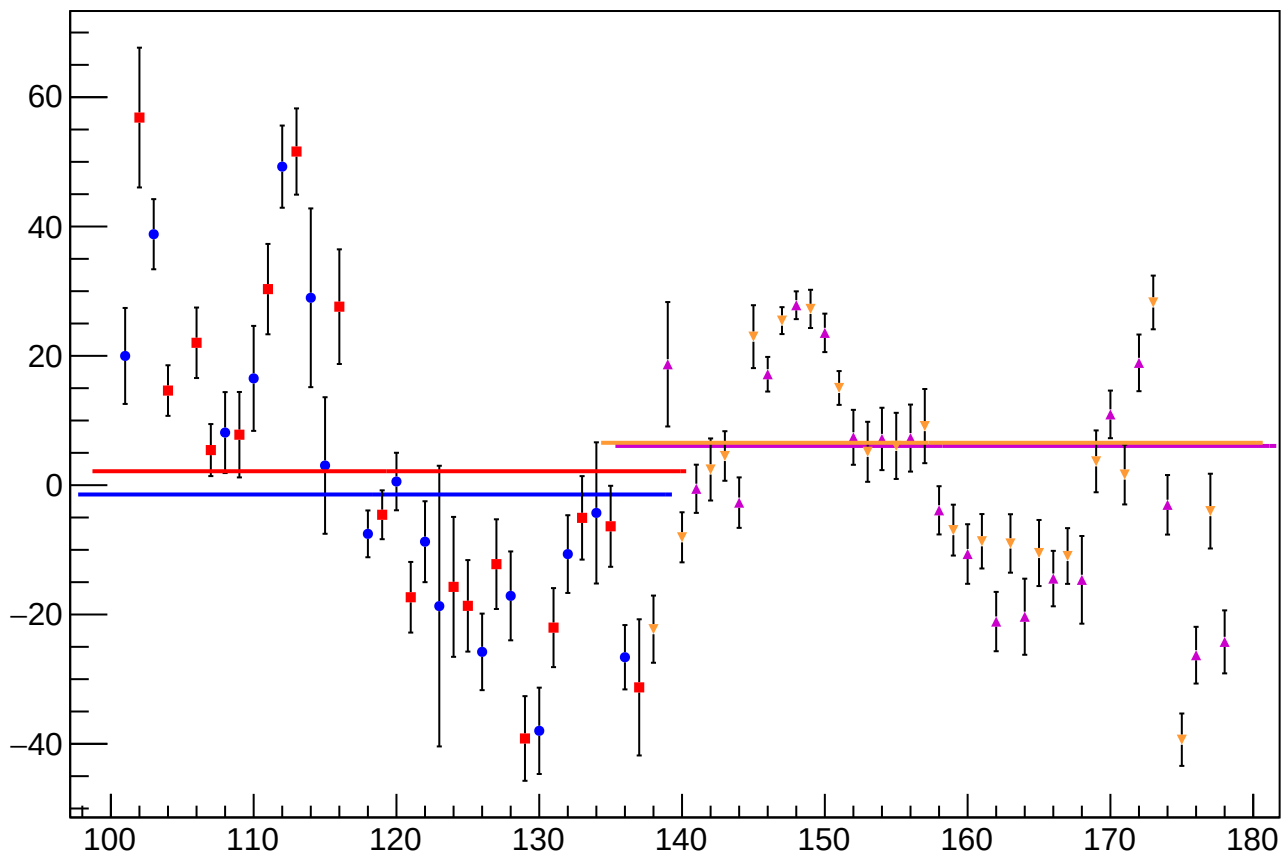
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.675+/-1.216 χ^2/NDF :1366.8/19

Out: -239.430+/-1.219 χ^2/NDF :1362.0/20

All: -238.049+/-0.861 χ^2/NDF : 2731.3/40

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 6.555 ± 0.856 χ^2/NDF : 424.8/20

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 6.068 ± 0.880 χ^2/NDF : 379.4/19

Left: 6.318 ± 0.613 χ^2/NDF : 804.3/40

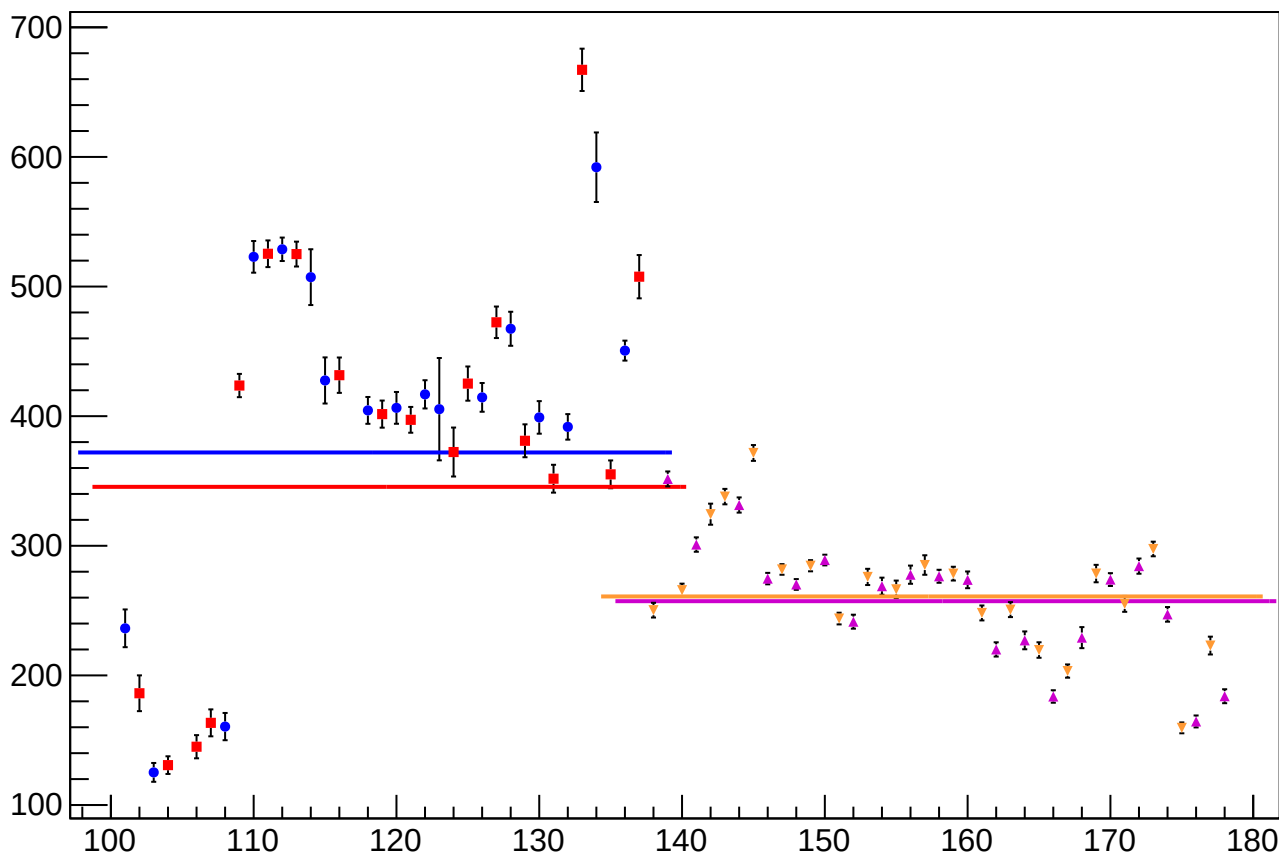
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 4.176 ± 0.761 χ^2/NDF : 622.1/36

Out: 5.360 ± 0.730 χ^2/NDF : 662.1/38

All: 4.792 ± 0.527 χ^2/NDF : 1285.5/75

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 260.911 $\pm$ 1.206 χ^2 /NDF:1503.3/20

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 257.261 $\pm$ 1.199 χ^2 /NDF:1550.6/19

Left: 259.075 $\pm$ 0.850 χ^2 /NDF: 3058.5/40

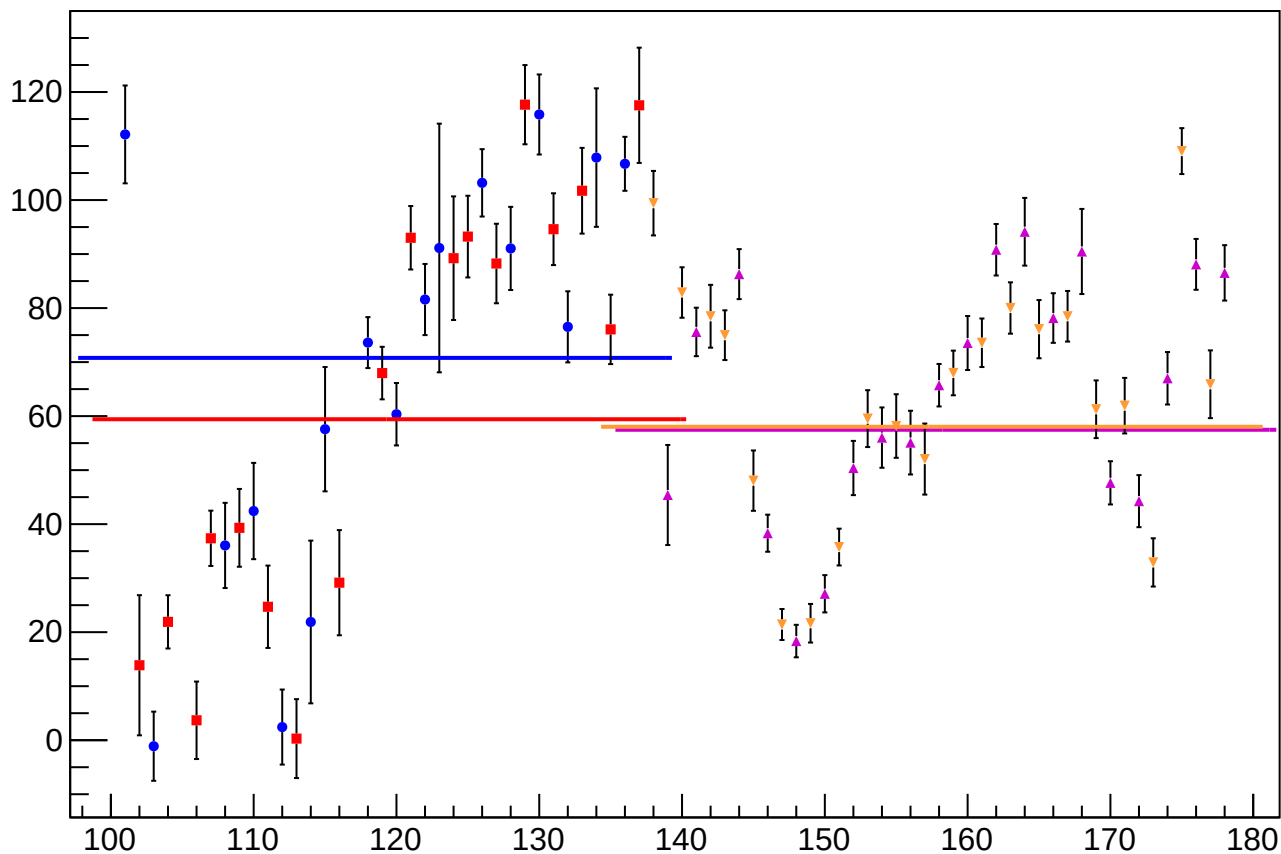
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 275.417 $\pm$ 1.100 χ^2 /NDF:5431.5/36

Out: 276.225 $\pm$ 1.091 χ^2 /NDF:5795.4/38

All: 275.824 $\pm$ 0.775 χ^2 /NDF: 11227.2/75

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 58.025 $\pm$ 1.004 χ^2 /NDF: 663.1/20

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 57.470 $\pm$ 1.022 χ^2 /NDF: 564.1/19

Left: 57.753 $\pm$ 0.716 χ^2 /NDF: 1227.4/40

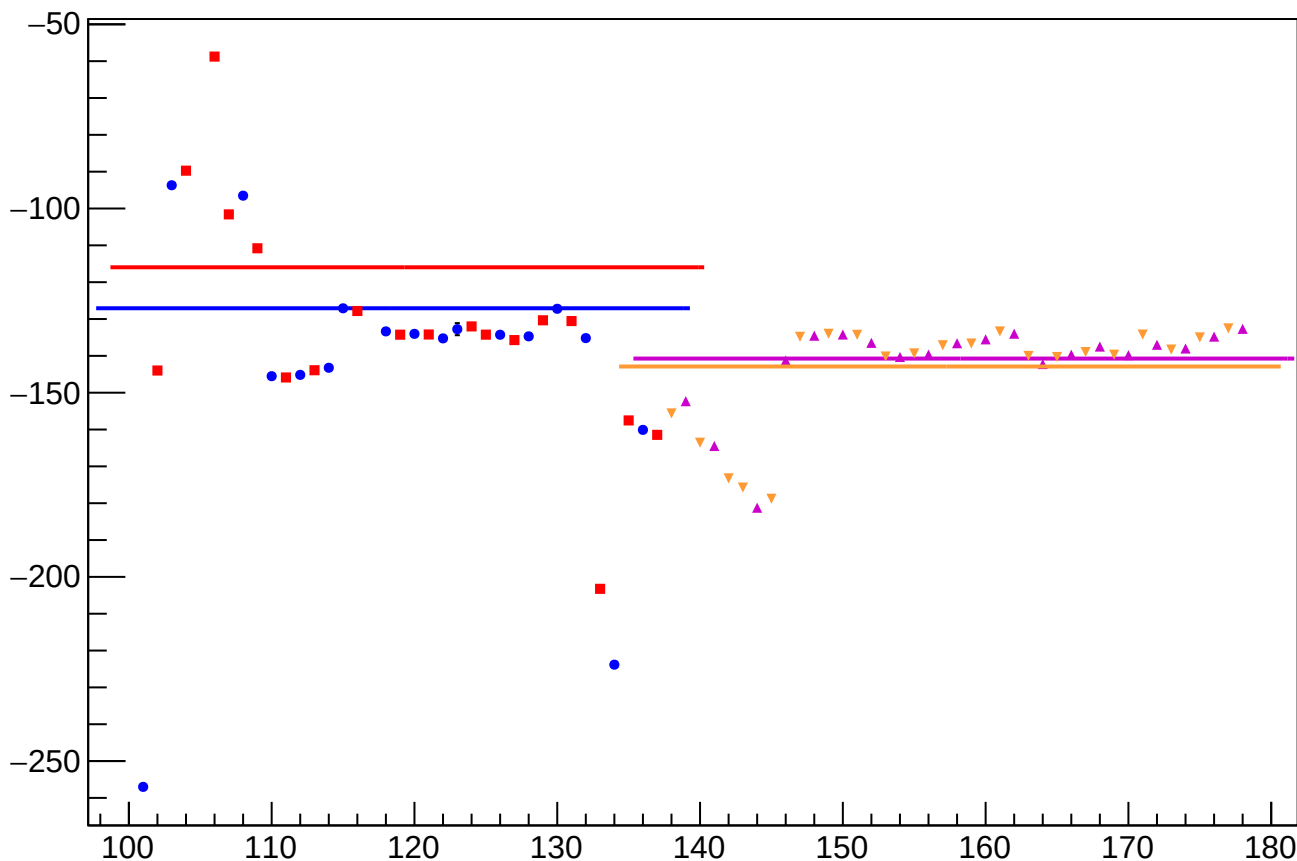
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 60.867 $\pm$ 0.882 χ^2 /NDF: 1031.3/36

Out: 58.408 $\pm$ 0.855 χ^2 /NDF: 1150.2/38

All: 59.599 $\pm$ 0.614 χ^2 /NDF: 2185.5/75

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -142.892 ± 0.048 $\chi^2/\text{NDF}: 77234.5/20$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -140.736 ± 0.048 $\chi^2/\text{NDF}: 46796.4/19$

Left: -141.803 ± 0.034 $\chi^2/\text{NDF}: 125030.6/40$

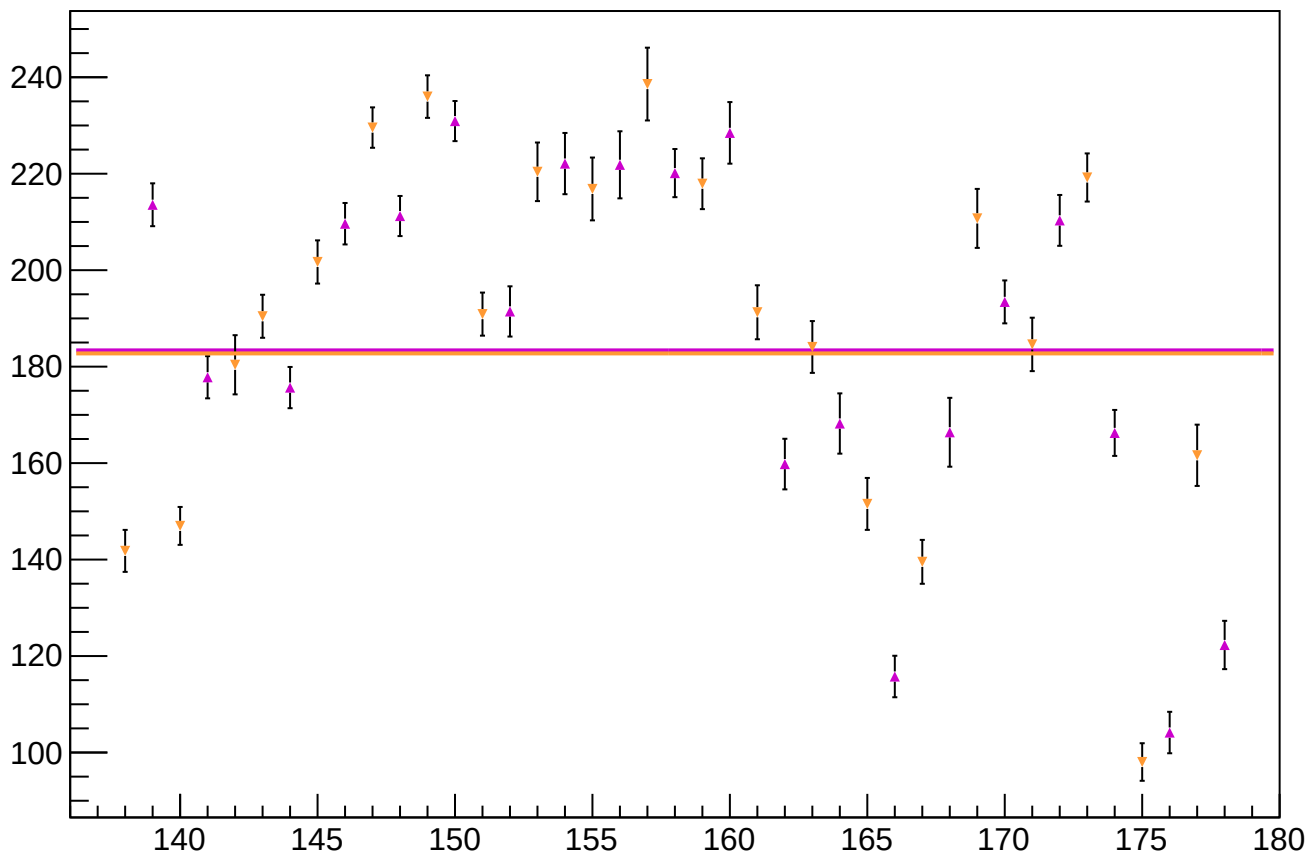
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -137.691 ± 0.042 $\chi^2/\text{NDF}: 231917.4/36$

Out: -136.046 ± 0.042 $\chi^2/\text{NDF}: 314716.9/38$

All: -136.861 ± 0.030 $\chi^2/\text{NDF}: 547399.5/75$

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 183.368+/-1.095 χ^2/NDF :1250.1/19

Left: 183.053+/-0.771 χ^2/NDF : 2566.5/40

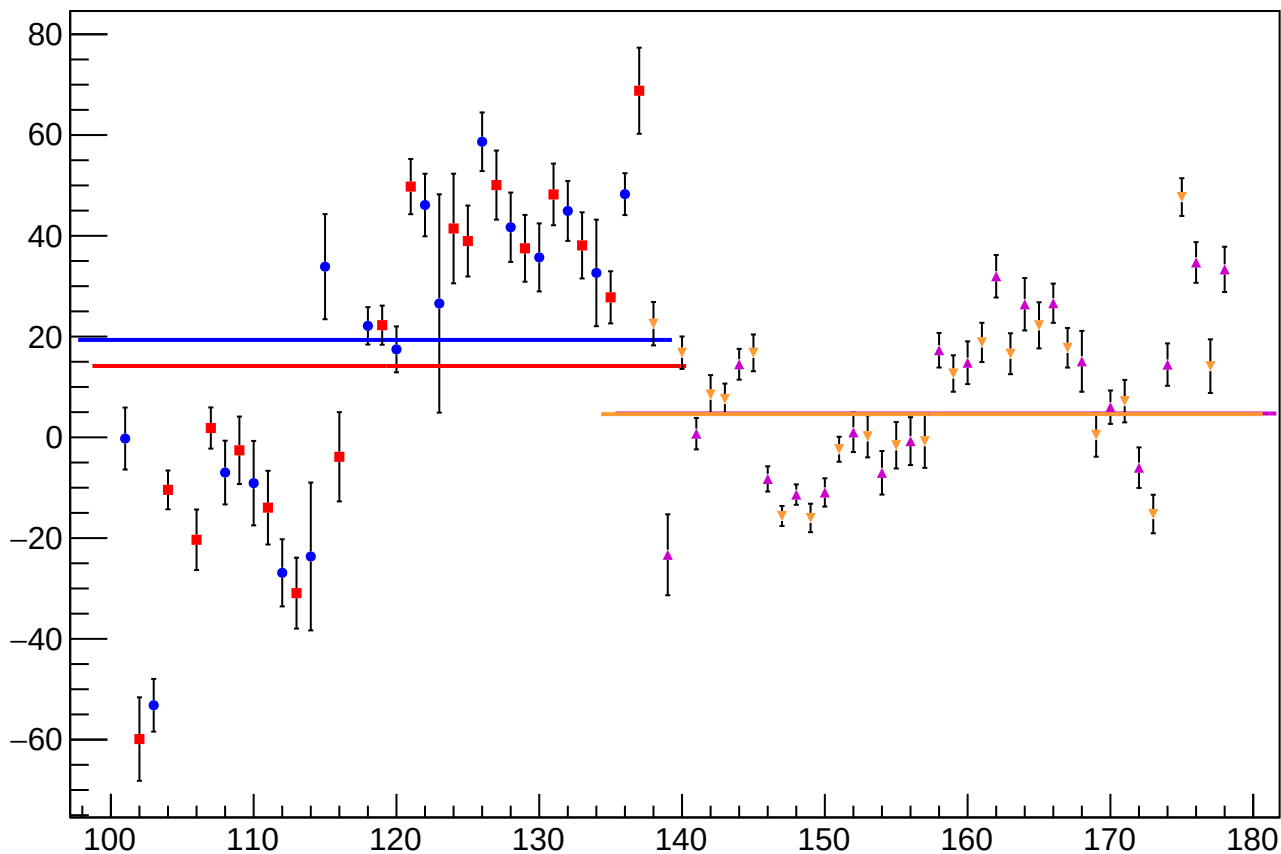
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 183.368+/-1.095 χ^2/NDF :1250.1/19

Out: 182.742+/-1.087 χ^2/NDF :1316.2/20

All: 183.053+/-0.771 χ^2/NDF : 2566.5/40

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 4.607 ± 0.771 $\chi^2/\text{NDF}: 430.3/20$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 4.733 ± 0.799 $\chi^2/\text{NDF}: 376.4/19$

Left: 4.668 ± 0.555 $\chi^2/\text{NDF}: 806.7/40$

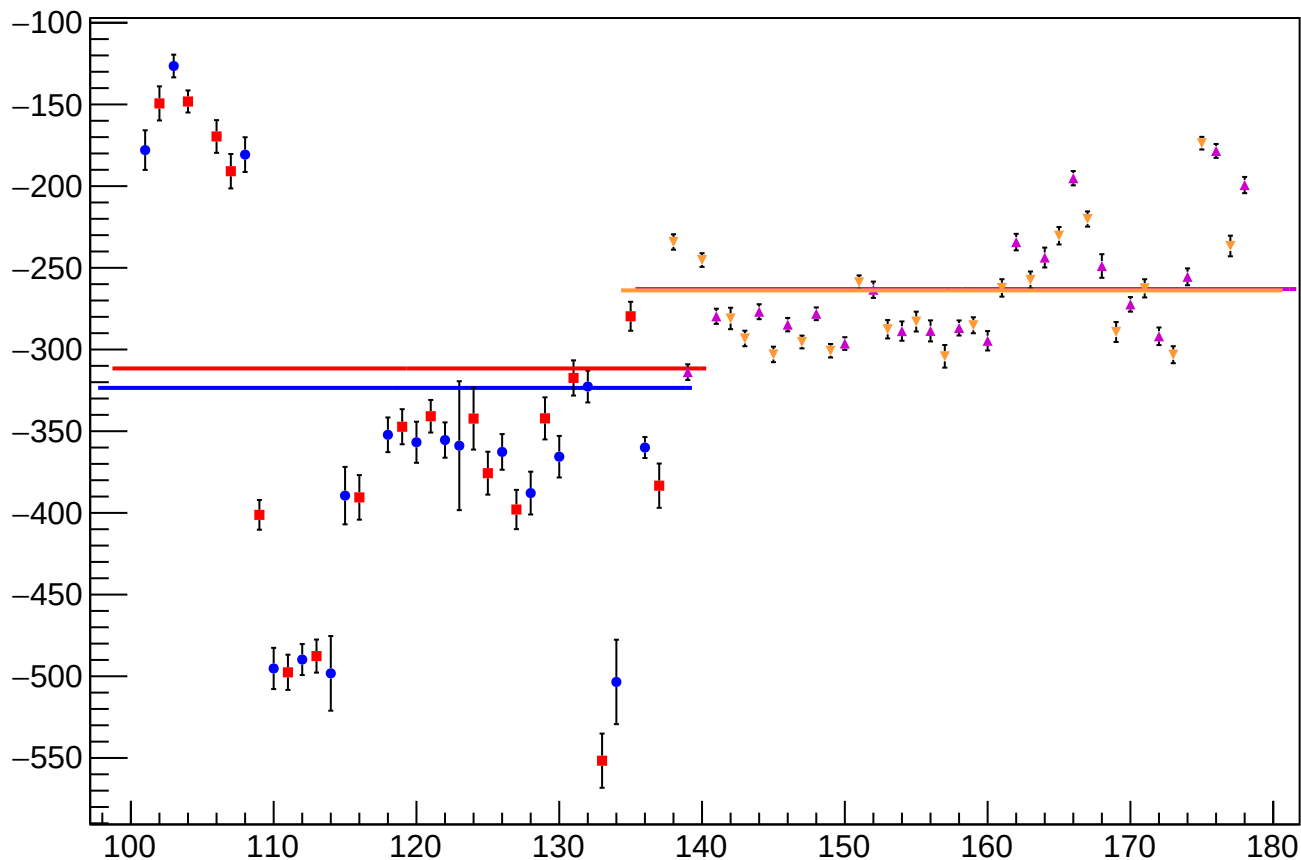
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 8.018 ± 0.703 $\chi^2/\text{NDF}: 891.4/36$

Out: 6.854 ± 0.675 $\chi^2/\text{NDF}: 892.4/38$

All: 7.412 ± 0.487 $\chi^2/\text{NDF}: 1785.3/75$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -263.806 ± 1.082 $\chi^2/\text{NDF}: 1158.5/20$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -262.985 ± 1.083 $\chi^2/\text{NDF}: 1221.4/19$

Left: -263.396 ± 0.765 $\chi^2/\text{NDF}: 2380.3/40$

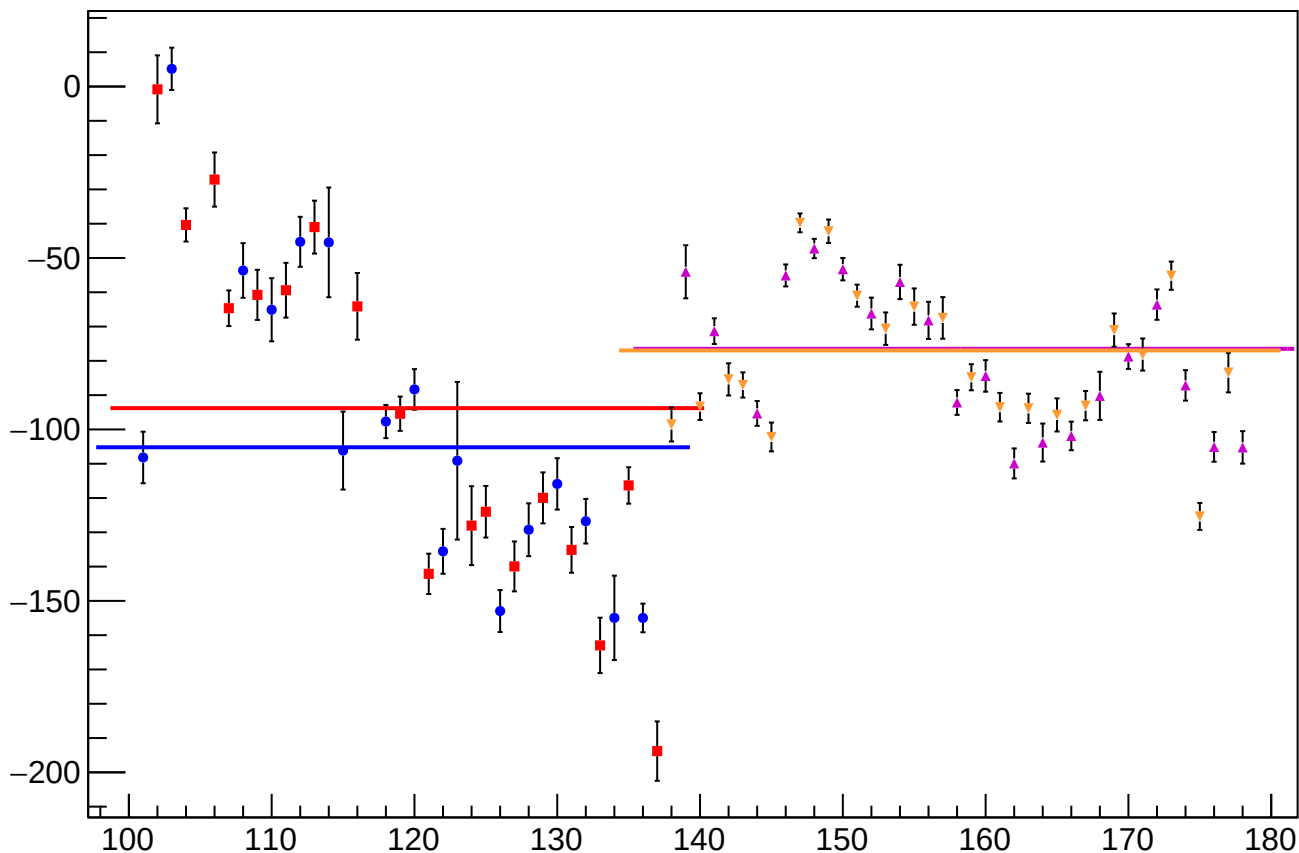
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -271.520 ± 1.004 $\chi^2/\text{NDF}: 3509.2/36$

Out: -271.201 ± 0.994 $\chi^2/\text{NDF}: 3704.3/38$

All: -271.359 ± 0.706 $\chi^2/\text{NDF}: 7213.6/75$

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: -76.961 ± 0.903 $\chi^2/\text{NDF}: 654.1/20$

Right Out: -93.793 ± 1.611 $\chi^2/\text{NDF}: 815.4/17$

Left In: -76.493 ± 0.927 $\chi^2/\text{NDF}: 503.1/19$

Left: -76.733 ± 0.647 $\chi^2/\text{NDF}: 1157.4/40$

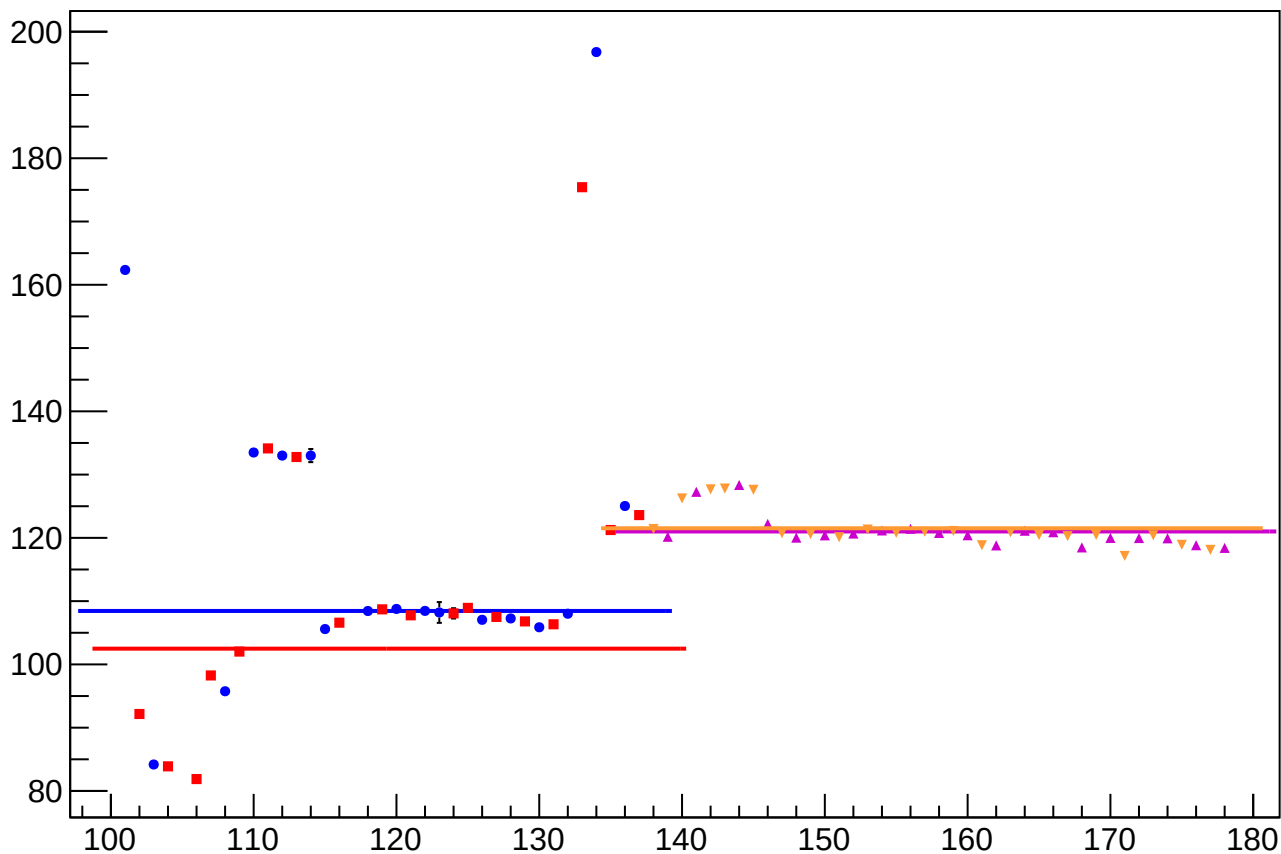
Right: -99.203 ± 1.168 $\chi^2/\text{NDF}: 1574.8/34$

In: -83.088 ± 0.813 $\chi^2/\text{NDF}: 1459.3/36$

Out: -80.984 ± 0.788 $\chi^2/\text{NDF}: 1552.6/38$

All: -82.002 ± 0.566 $\chi^2/\text{NDF}: 3015.3/75$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.517 $\pm$ 0.043 χ^2 /NDF: 4652.8/20

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 121.012 $\pm$ 0.043 χ^2 /NDF: 3152.0/19

Left: 121.264 $\pm$ 0.031 χ^2 /NDF: 7872.8/40

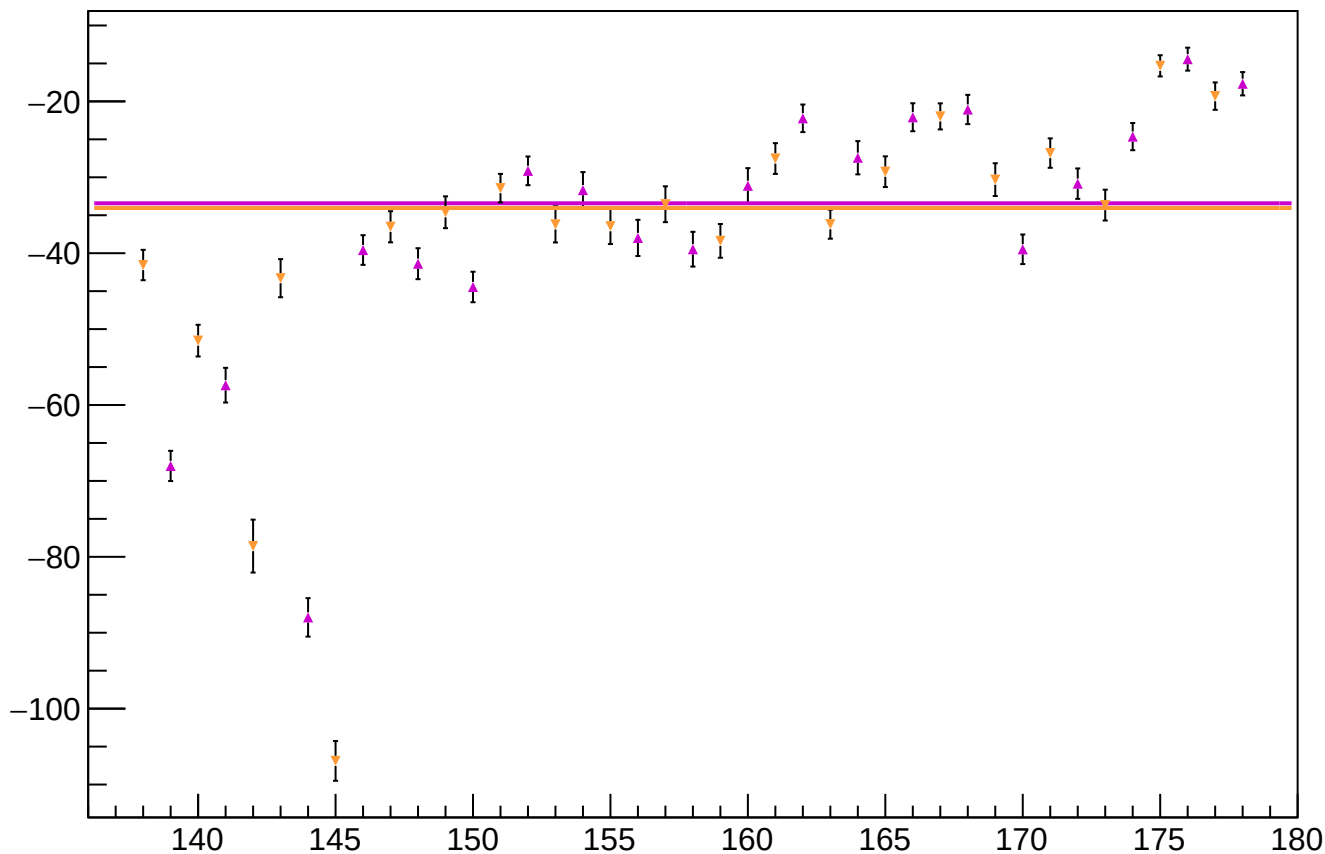
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.416 $\pm$ 0.039 χ^2 /NDF: 93835.6/36

Out: 117.159 $\pm$ 0.038 χ^2 /NDF: 101610.6/38

All: 117.780 $\pm$ 0.027 χ^2 /NDF: 195984.2/75

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -34.049 $\pm$ 0.447 χ^2 /NDF:1373.6/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -33.426 $\pm$ 0.442 χ^2 /NDF:1370.1/19

Left: -33.734 $\pm$ 0.314 χ^2 /NDF: 2744.7/40

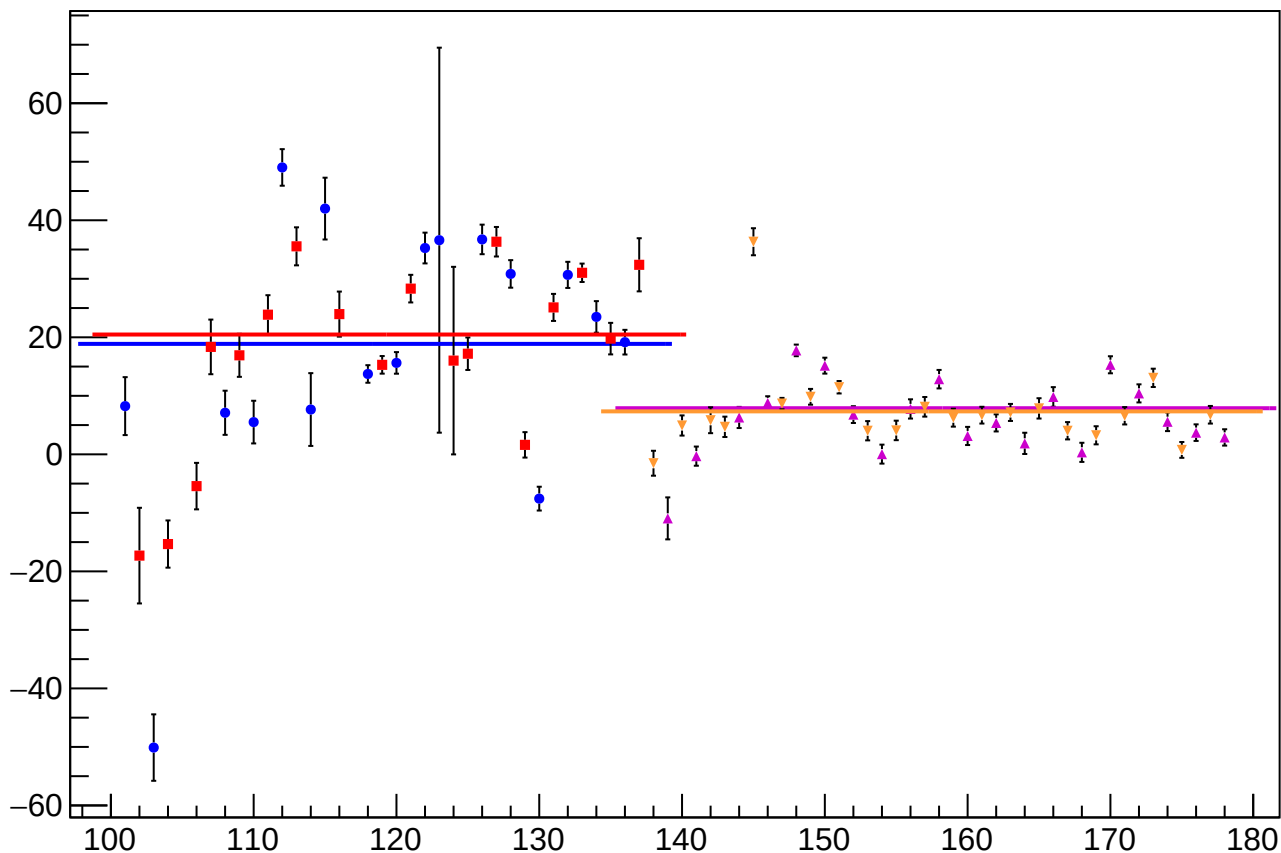
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -33.426 $\pm$ 0.442 χ^2 /NDF:1370.1/19

Out: -34.049 $\pm$ 0.447 χ^2 /NDF:1373.6/20

All: -33.734 $\pm$ 0.314 χ^2 /NDF: 2744.7/40

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.343 $\pm$ 0.328 χ^2 /NDF:258.1/20

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 7.880 $\pm$ 0.335 χ^2 /NDF:313.6/19

Left: 7.606 $\pm$ 0.234 χ^2 /NDF: 573.1/40

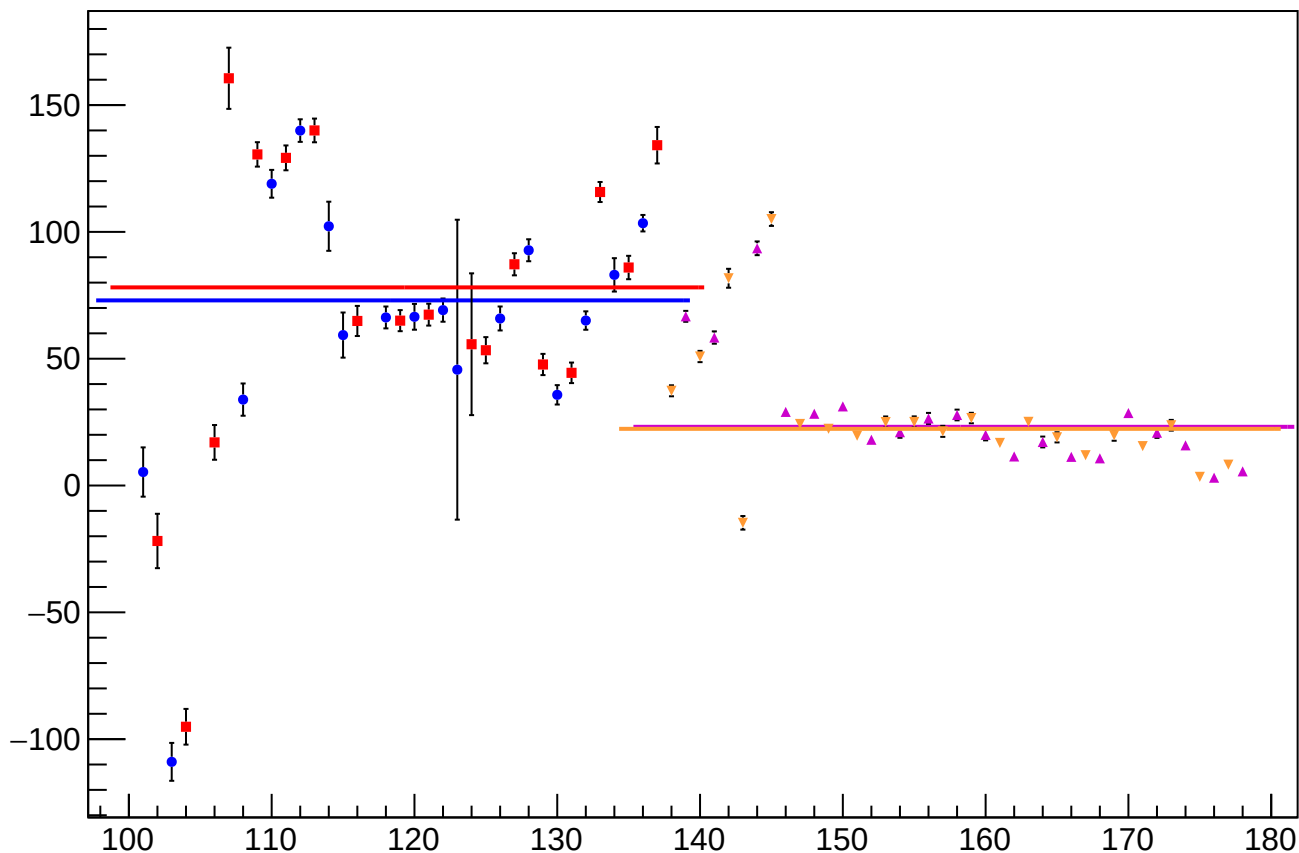
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 10.215 $\pm$ 0.297 χ^2 /NDF:1163.4/36

Out: 10.051 $\pm$ 0.292 χ^2 /NDF:951.0/38

All: 10.132 $\pm$ 0.208 χ^2 /NDF: 2114.6/75

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 22.347 $\pm$ 0.442 χ^2 /NDF:1911.6/20

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 23.145 $\pm$ 0.436 χ^2 /NDF:1814.3/19

Left: 22.751 $\pm$ 0.310 χ^2 /NDF: 3727.5/40

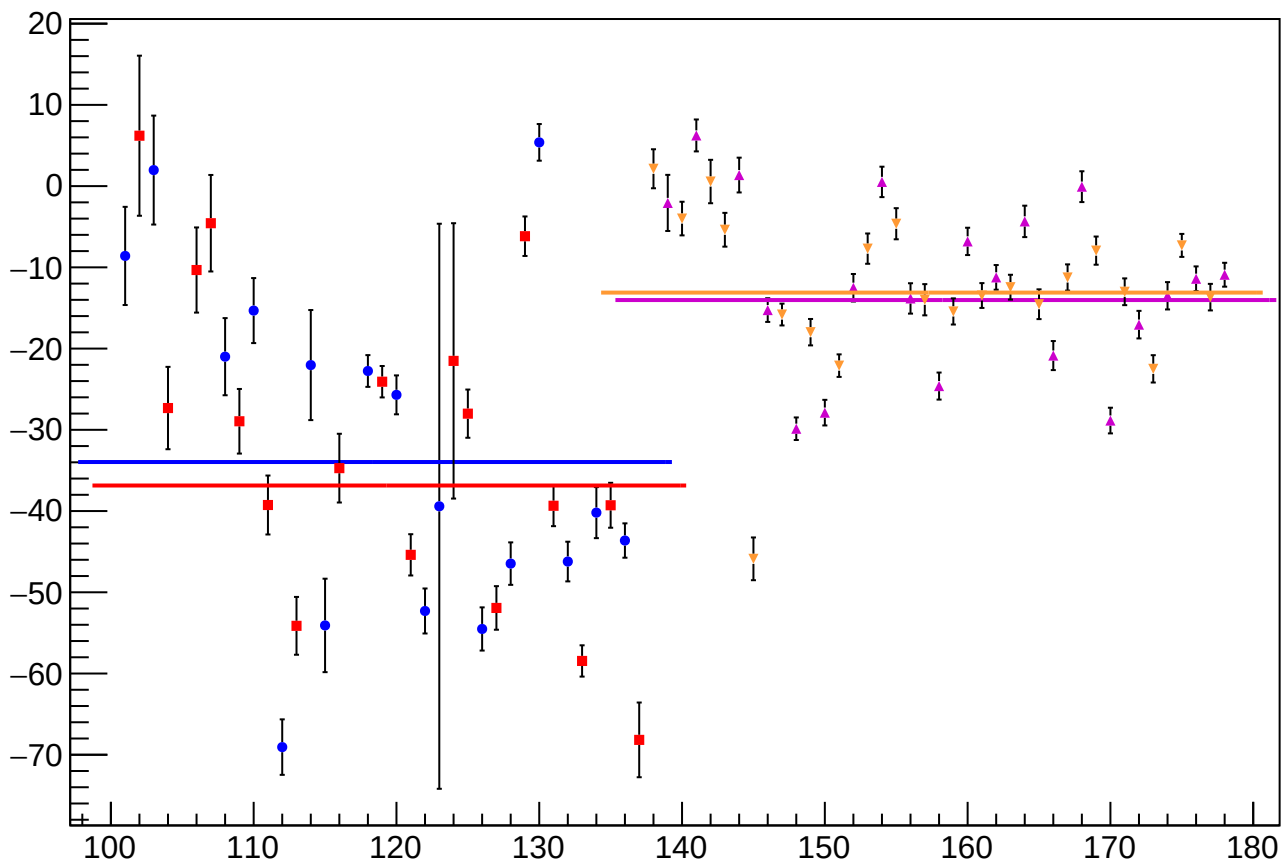
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 28.716 $\pm$ 0.411 χ^2 /NDF:4478.5/36

Out: 28.781 $\pm$ 0.416 χ^2 /NDF:5295.5/38

All: 28.748 $\pm$ 0.292 χ^2 /NDF: 9774.0/75

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.107 ± 0.376 χ^2/NDF : 399.4/20

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.026 ± 0.381 χ^2/NDF : 694.3/19

Left: -13.560 ± 0.268 χ^2/NDF : 1096.6/40

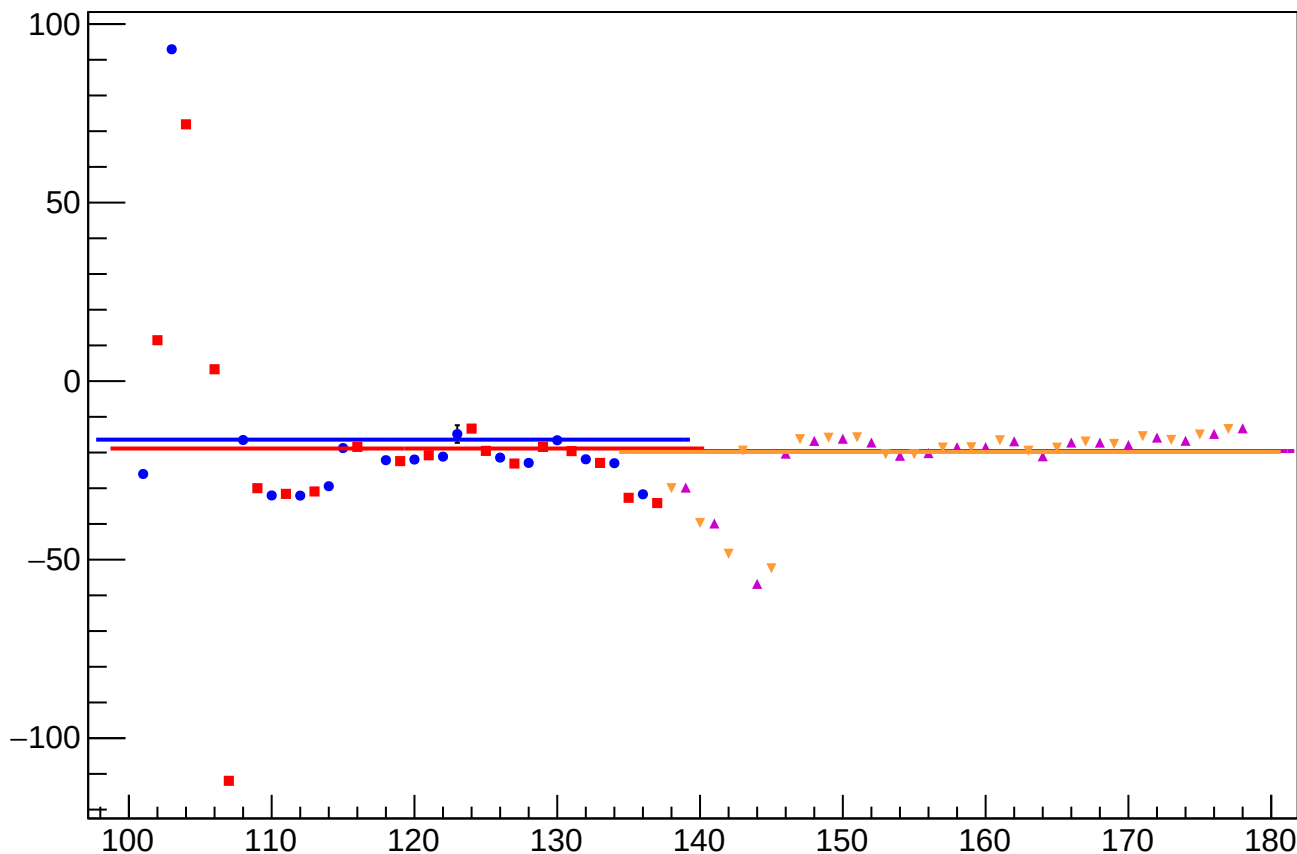
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.232 ± 0.339 χ^2/NDF : 1992.8/36

Out: -18.020 ± 0.335 χ^2/NDF : 1758.4/38

All: -18.125 ± 0.238 χ^2/NDF : 3751.4/75

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -19.836 ± 0.017 $\chi^2/\text{NDF}: 217341.5/20$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -19.580 ± 0.017 $\chi^2/\text{NDF}: 185768.5/19$

Left: -19.706 ± 0.012 $\chi^2/\text{NDF}: 403218.5/40$

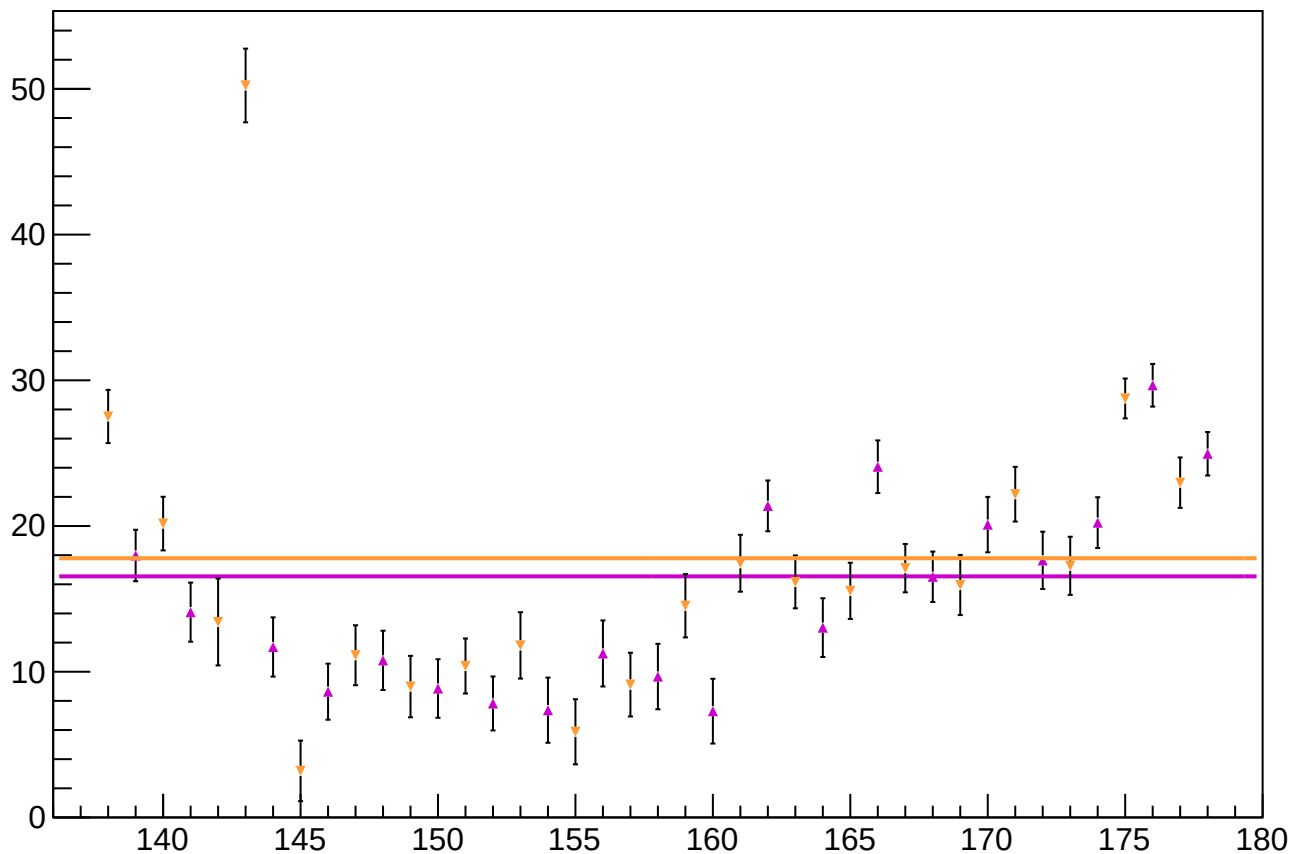
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.161 ± 0.016 $\chi^2/\text{NDF}: 664546.9/36$

Out: -19.711 ± 0.016 $\chi^2/\text{NDF}: 651106.9/38$

All: -19.433 ± 0.011 $\chi^2/\text{NDF}: 1316231.1/75$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 16.545 $\pm$ 0.421 χ^2/NDF :266.9/19

Left: 17.159 $\pm$ 0.300 χ^2/NDF : 696.0/40

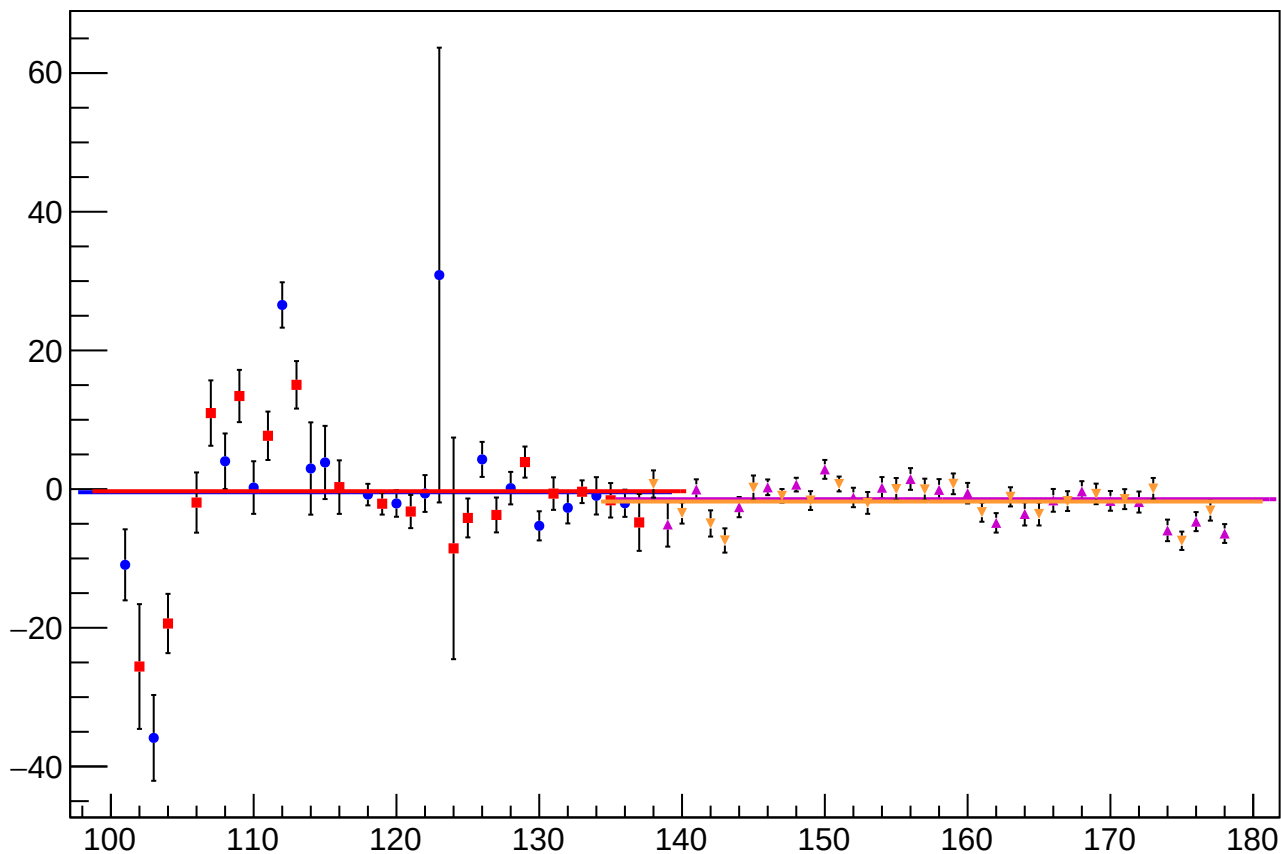
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 16.545 $\pm$ 0.421 χ^2/NDF :266.9/19

Out: 17.790 $\pm$ 0.427 χ^2/NDF :424.8/20

All: 17.159 $\pm$ 0.300 χ^2/NDF : 696.0/40

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.789 ± 0.316 χ^2/NDF : 52.7/20

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.458 ± 0.321 χ^2/NDF : 60.9/19

Left: -1.626 ± 0.225 χ^2/NDF : 114.1/40

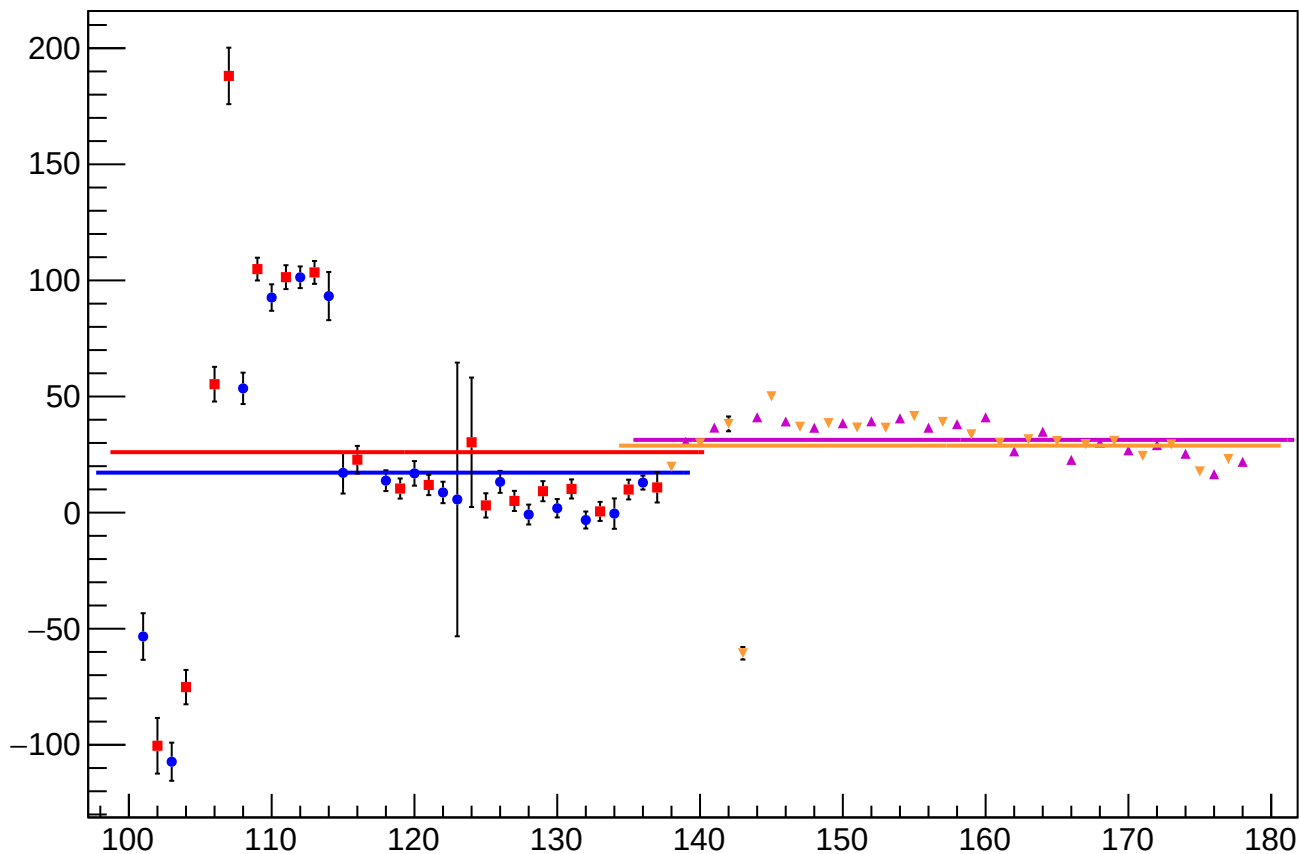
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.263 ± 0.288 χ^2/NDF : 182.3/36

Out: -1.511 ± 0.284 χ^2/NDF : 141.0/38

All: -1.388 ± 0.202 χ^2/NDF : 323.7/75

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 28.846 $\pm$ 0.423 χ^2 /NDF:1455.4/20

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 31.321 $\pm$ 0.416 χ^2 /NDF:341.4/19

Left: 30.102 $\pm$ 0.297 χ^2 /NDF: 1814.1/40

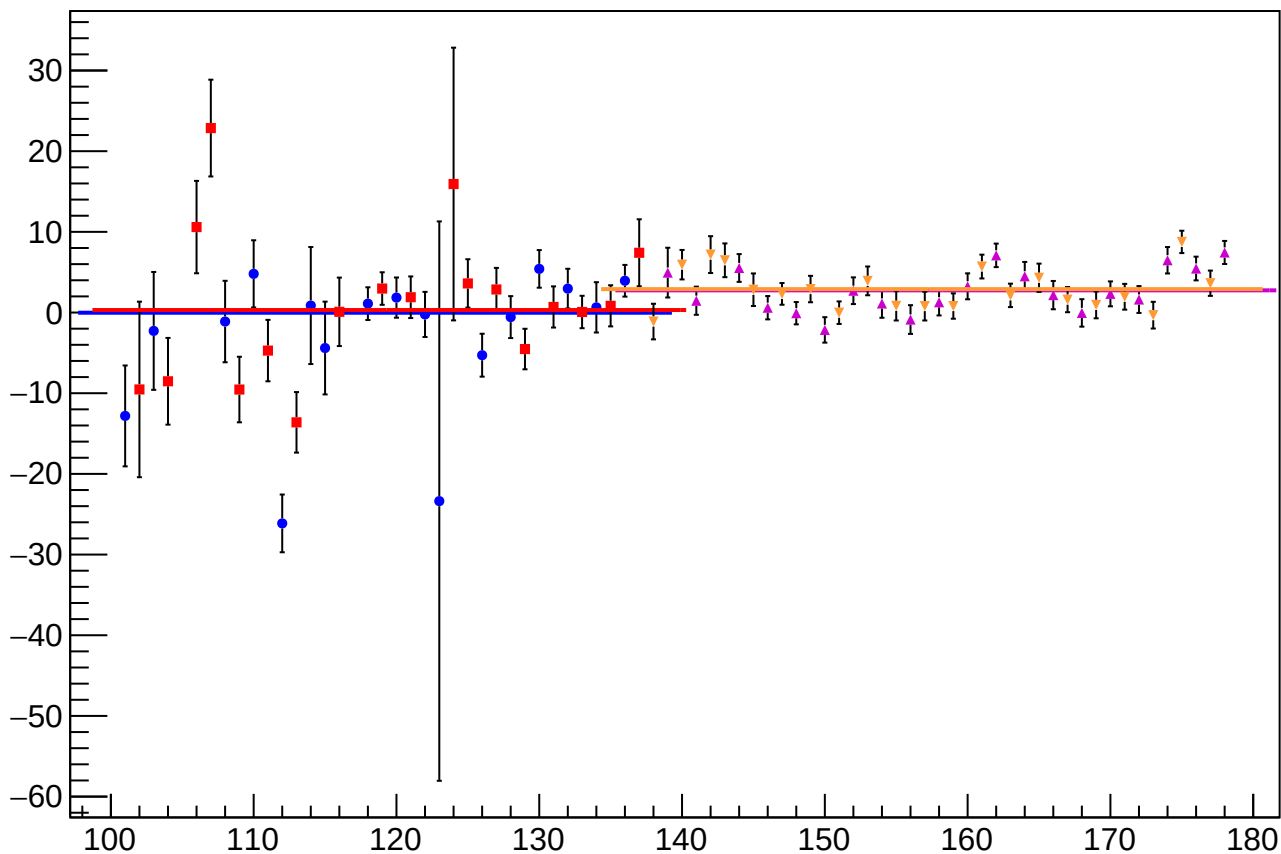
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 29.893 $\pm$ 0.395 χ^2 /NDF:1397.6/36

Out: 28.555 $\pm$ 0.400 χ^2 /NDF:2825.9/38

All: 29.233 $\pm$ 0.281 χ^2 /NDF: 4229.2/75

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.903 ± 0.361 χ^2/NDF : 50.7/20

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.752 ± 0.365 χ^2/NDF : 58.1/19

Left: 2.828 ± 0.257 χ^2/NDF : 108.9/40

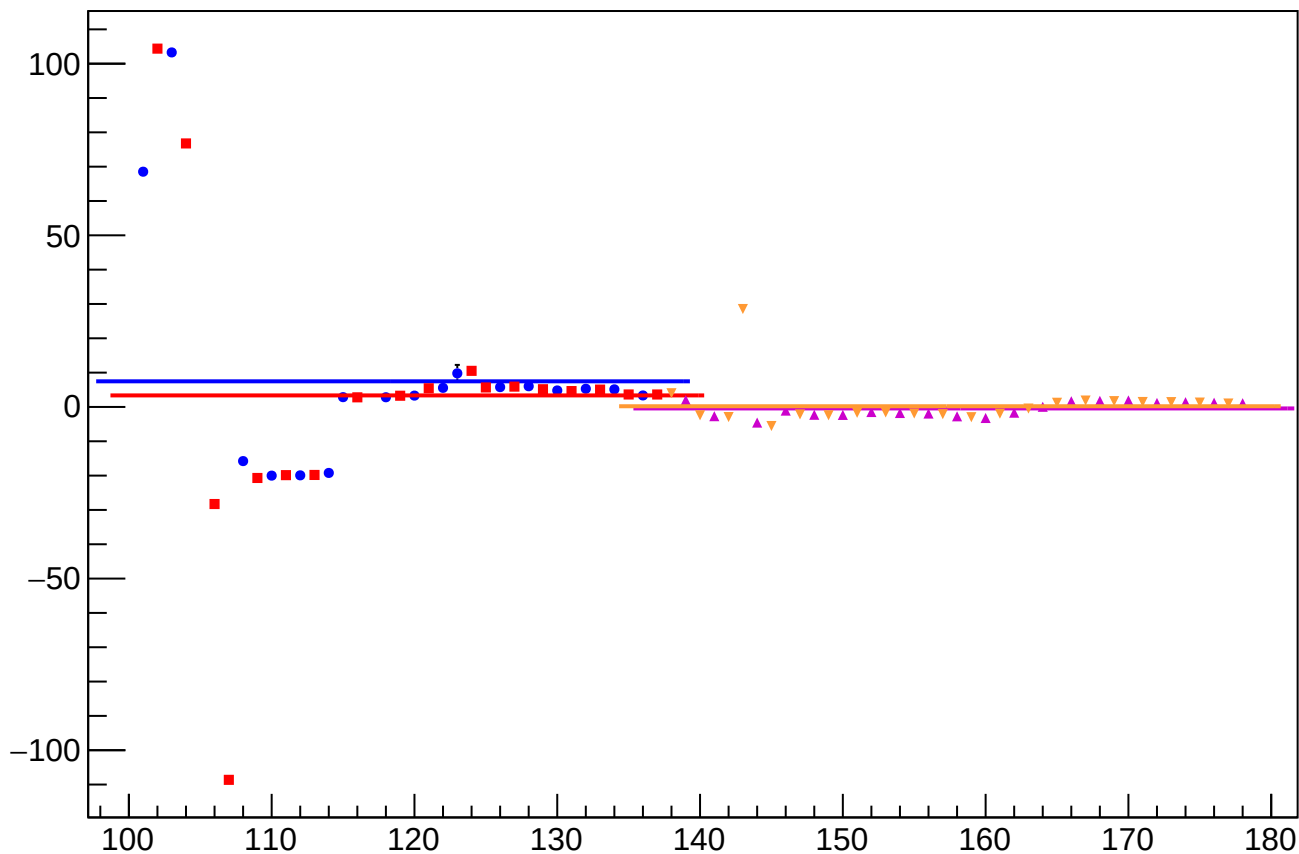
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.214 ± 0.328 χ^2/NDF : 145.2/36

Out: 2.414 ± 0.325 χ^2/NDF : 114.4/38

All: 2.315 ± 0.231 χ^2/NDF : 259.8/75

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467+/-0.044 χ^2/NDF : 355890.1/16

Left Out: 0.205+/-0.017 χ^2/NDF : 86935.4/20

Right Out: 3.362+/-0.046 χ^2/NDF : 504811.4/17

Left In: -0.434+/-0.016 χ^2/NDF : 14016.0/19

Left: -0.118+/-0.012 χ^2/NDF : 101696.2/40

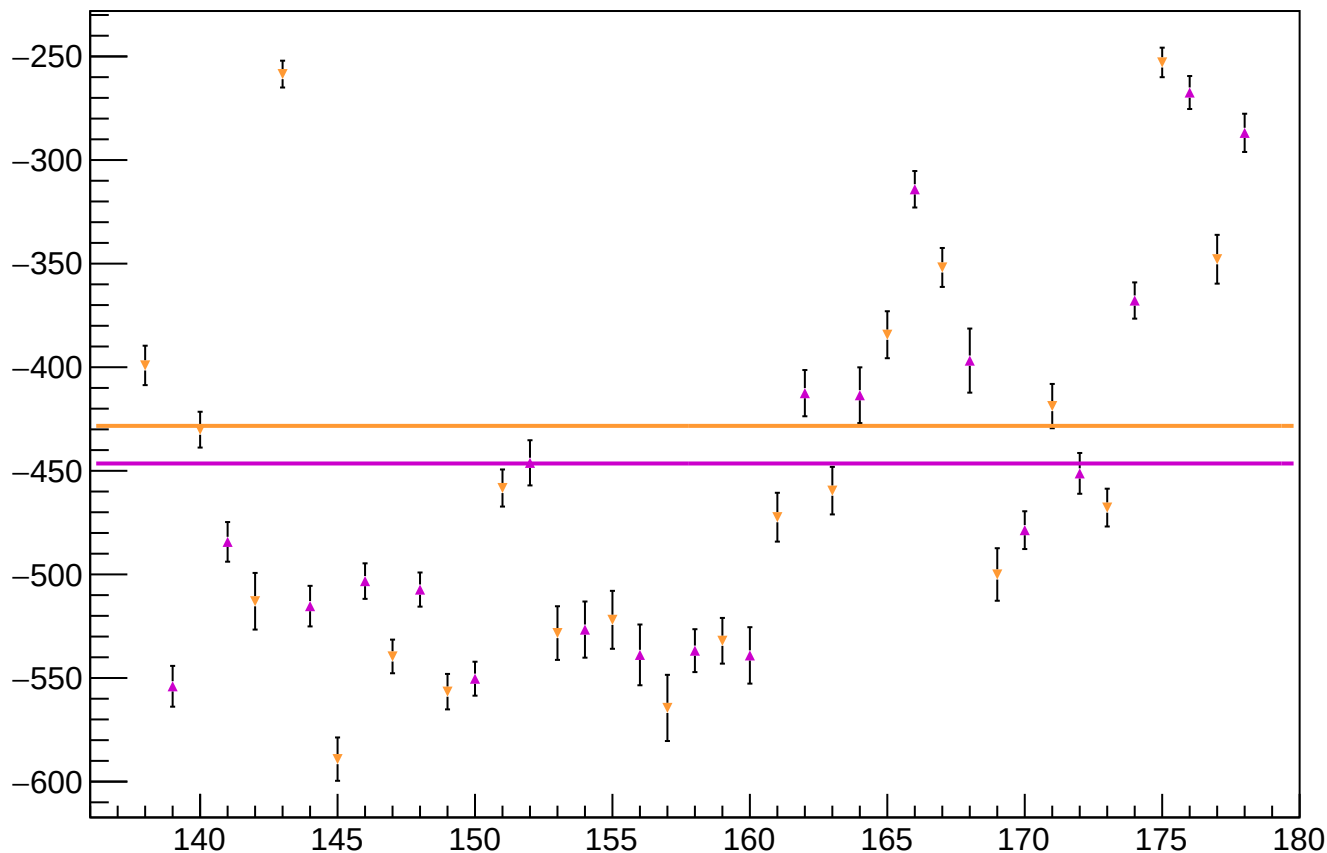
Right: 5.466+/-0.032 χ^2/NDF : 864856.4/34

In: 0.517+/-0.015 χ^2/NDF : 397672.0/36

Out: 0.577+/-0.016 χ^2/NDF : 595975.7/38

All: 0.547+/-0.011 χ^2/NDF : 993654.9/75

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -428.307+/-2.156 χ^2/NDF :2467.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -446.462+/-2.227 χ^2/NDF :1790.4/19

Left: -437.093+/-1.549 χ^2/NDF : 4292.4/40

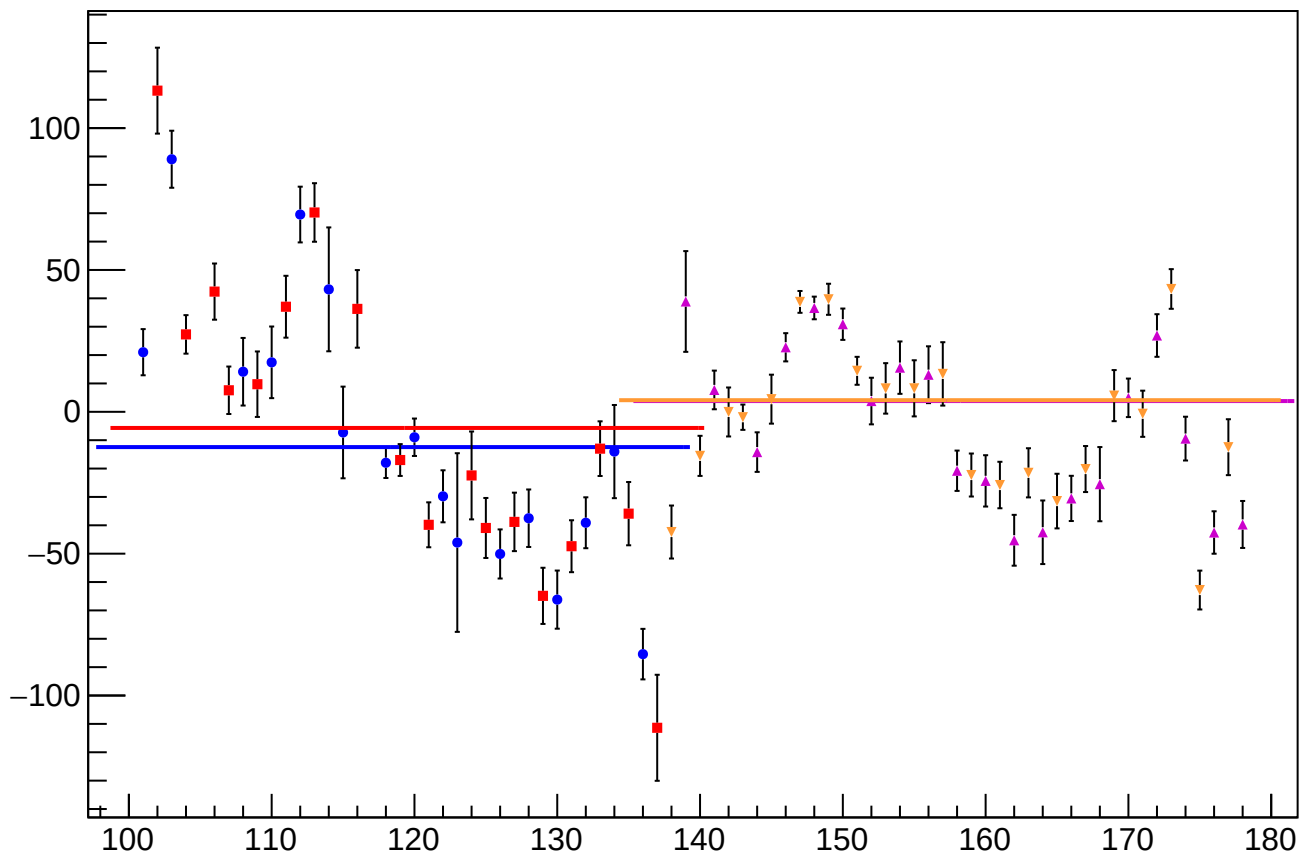
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -446.462+/-2.227 χ^2/NDF :1790.4/19

Out: -428.307+/-2.156 χ^2/NDF :2467.7/20

All: -437.093+/-1.549 χ^2/NDF : 4292.4/40

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: 4.096 ± 1.520 χ^2/NDF : 350.2/20

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 3.790 ± 1.621 χ^2/NDF : 290.2/19

Left: 3.953 ± 1.109 χ^2/NDF : 640.4/40

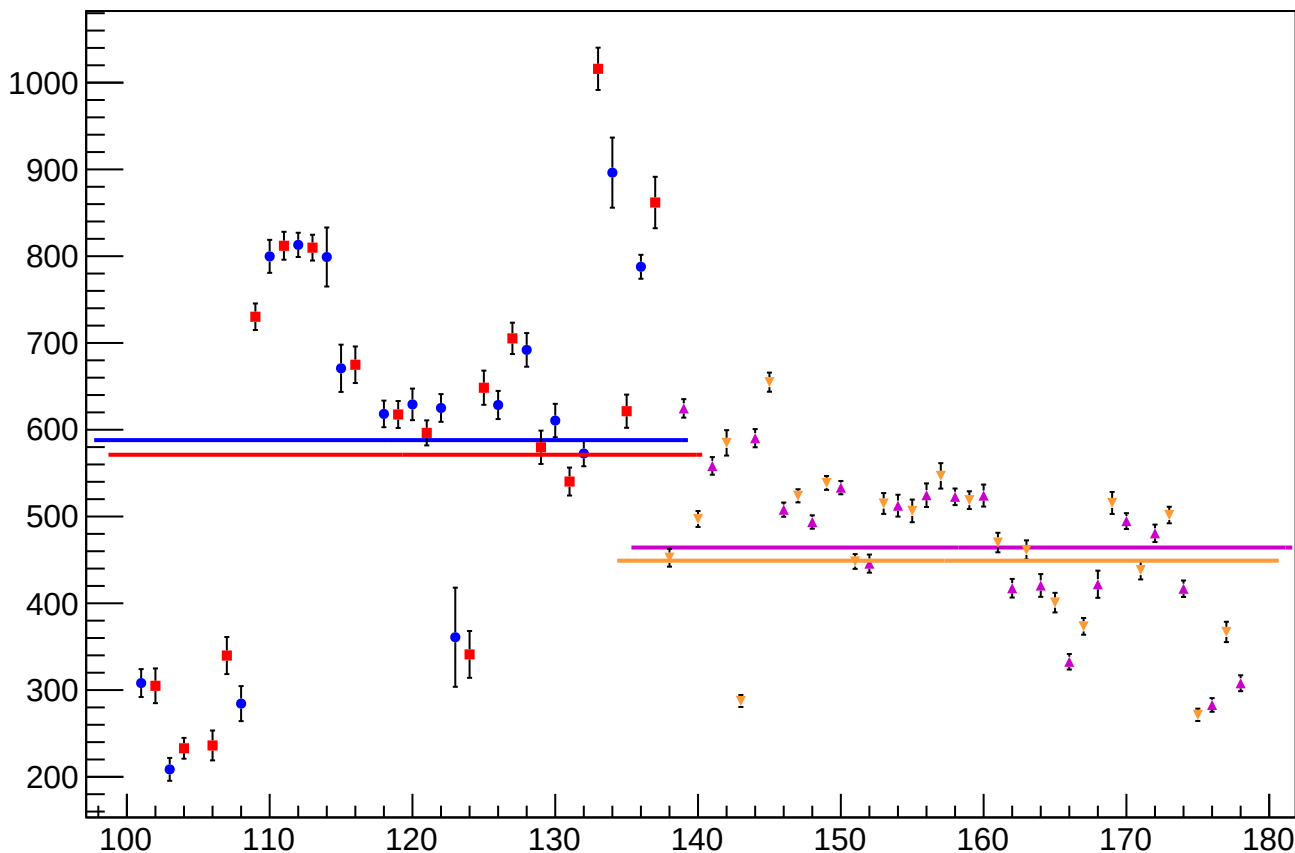
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -1.548 ± 1.328 χ^2/NDF : 663.3/36

Out: 1.054 ± 1.262 χ^2/NDF : 696.7/38

All: -0.180 ± 0.915 χ^2/NDF : 1362.1/75

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 449.103 $\pm$ 2.149 χ^2 /NDF:2189.5/20

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 464.266 $\pm$ 2.201 χ^2 /NDF:1791.1/19

Left: 456.501 $\pm$ 1.538 χ^2 /NDF: 4004.9/40

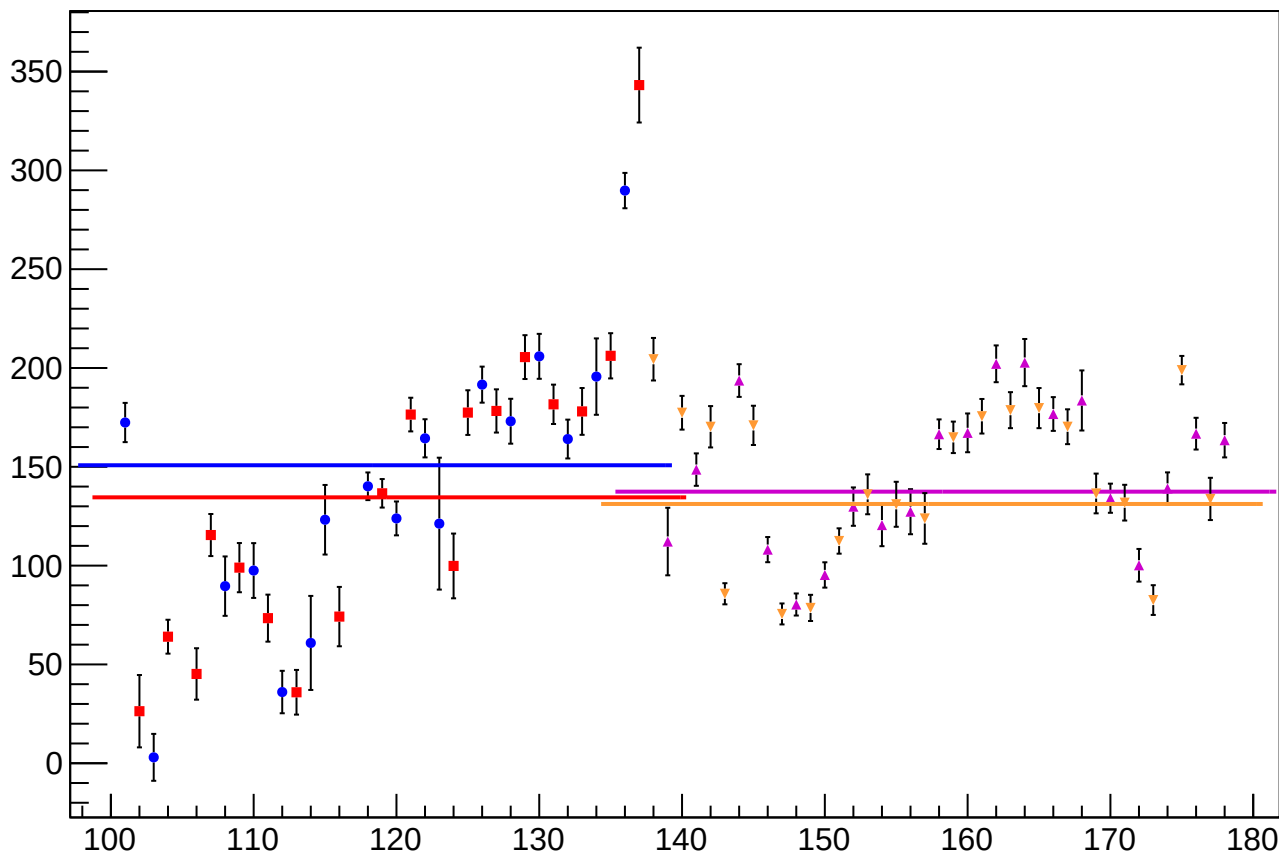
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 489.699 $\pm$ 1.962 χ^2 /NDF:4568.3/36

Out: 474.907 $\pm$ 1.908 χ^2 /NDF:5552.2/38

All: 482.096 $\pm$ 1.368 χ^2 /NDF: 10149.8/75

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 131.194 $\pm$ 1.784 χ^2 /NDF:604.1/20

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 137.423 $\pm$ 1.881 χ^2 /NDF:398.8/19

Left: 134.143 $\pm$ 1.295 χ^2 /NDF: 1008.6/40

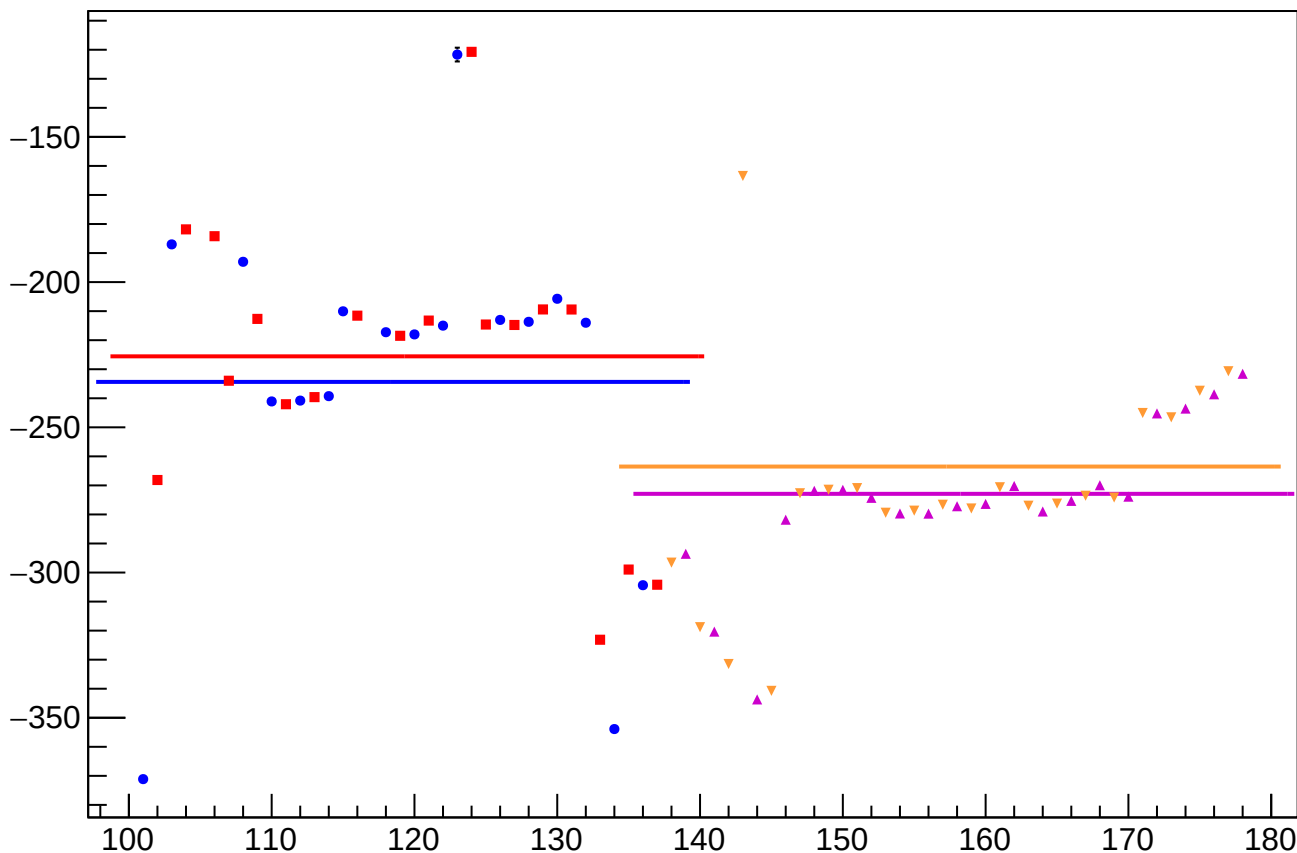
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 141.835 $\pm$ 1.540 χ^2 /NDF:1048.6/36

Out: 132.257 $\pm$ 1.475 χ^2 /NDF:1181.4/38

All: 136.839 $\pm$ 1.065 χ^2 /NDF: 2250.2/75

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2 /NDF: 145159.1/16

Left Out: -263.508+/-0.087 χ^2 /NDF:224705.9/20

Right Out: -225.561+/-0.142 χ^2 /NDF: 92955.0/17

Left In: -272.902+/-0.088 χ^2 /NDF:73116.1/19

Left: -268.115+/-0.062 χ^2 /NDF: 303591.8/40

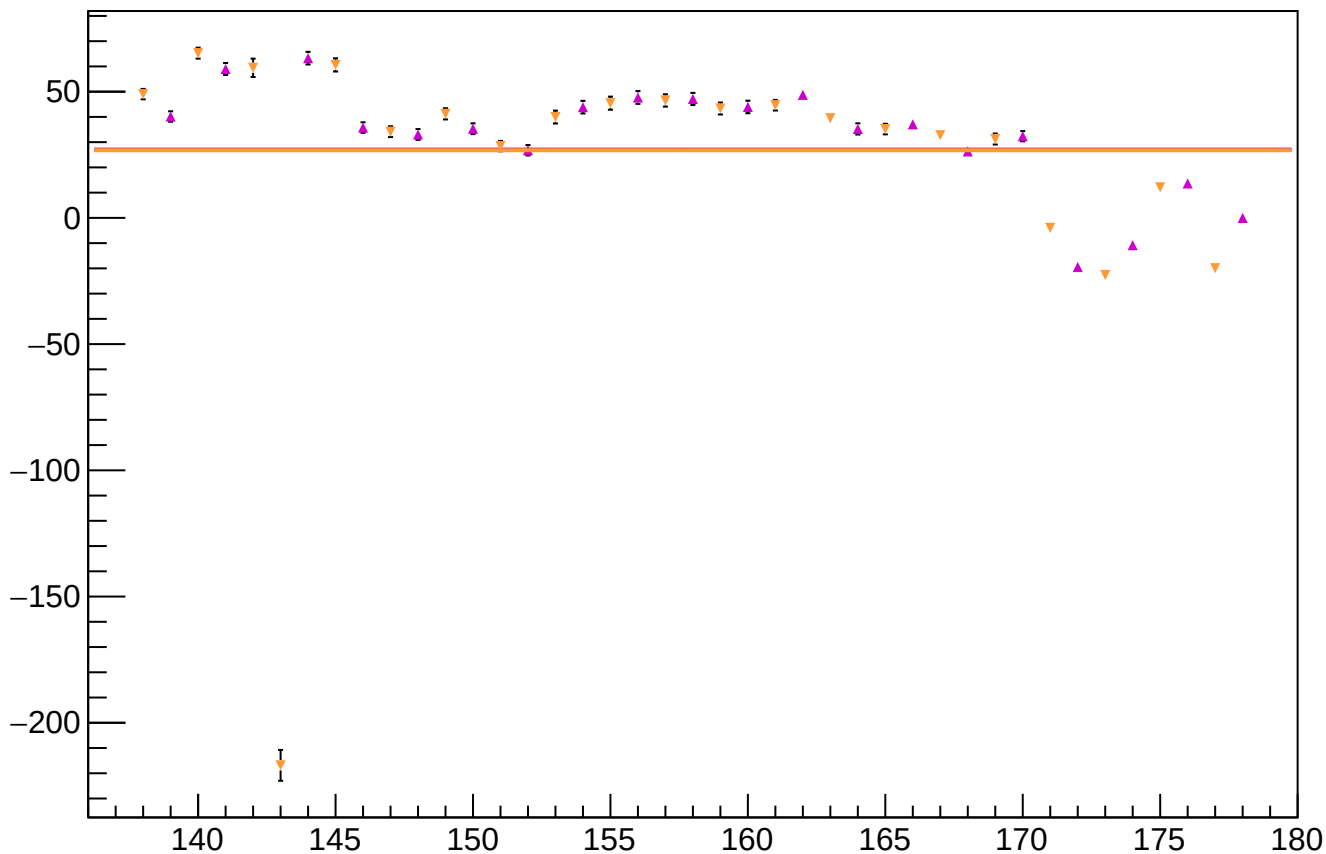
Right: -229.762+/-0.103 χ^2 /NDF: 239949.0/34

In: -262.835+/-0.076 χ^2 /NDF:268056.6/36

Out: -253.212+/-0.074 χ^2 /NDF:369751.5/38

All: -257.898+/-0.053 χ^2 /NDF: 646058.9/75

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 26.795 $\pm$ 0.469 χ^2 /NDF:4287.7/20

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 27.046 $\pm$ 0.453 χ^2 /NDF:2343.0/19

Left: 26.925 $\pm$ 0.326 χ^2 /NDF: 6630.9/40

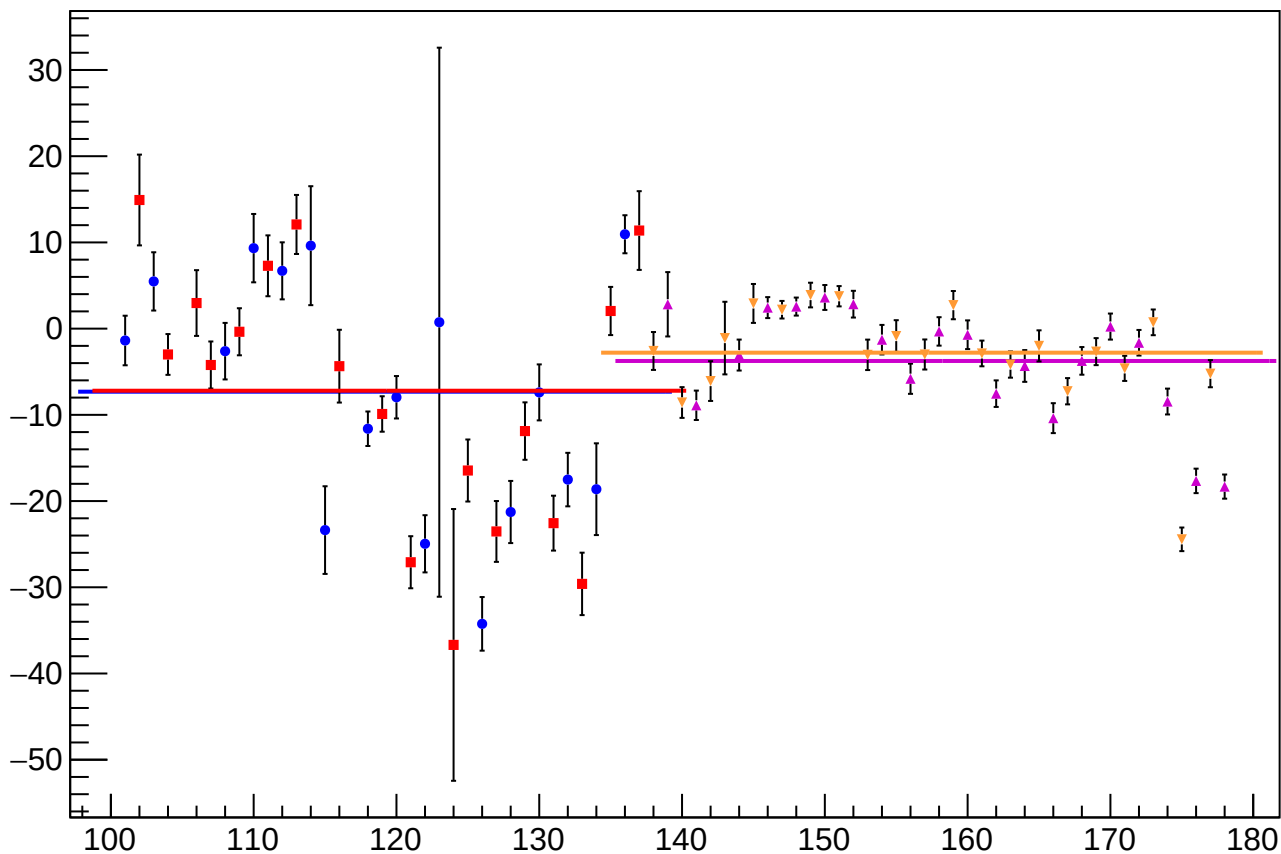
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 27.046 $\pm$ 0.453 χ^2 /NDF:2343.0/19

Out: 26.795 $\pm$ 0.469 χ^2 /NDF:4287.7/20

All: 26.925 $\pm$ 0.326 χ^2 /NDF: 6630.9/40

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -2.788 ± 0.346 χ^2/NDF : 377.5/20

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -3.751 ± 0.345 χ^2/NDF : 373.6/19

Left: -3.271 ± 0.245 χ^2/NDF : 754.9/40

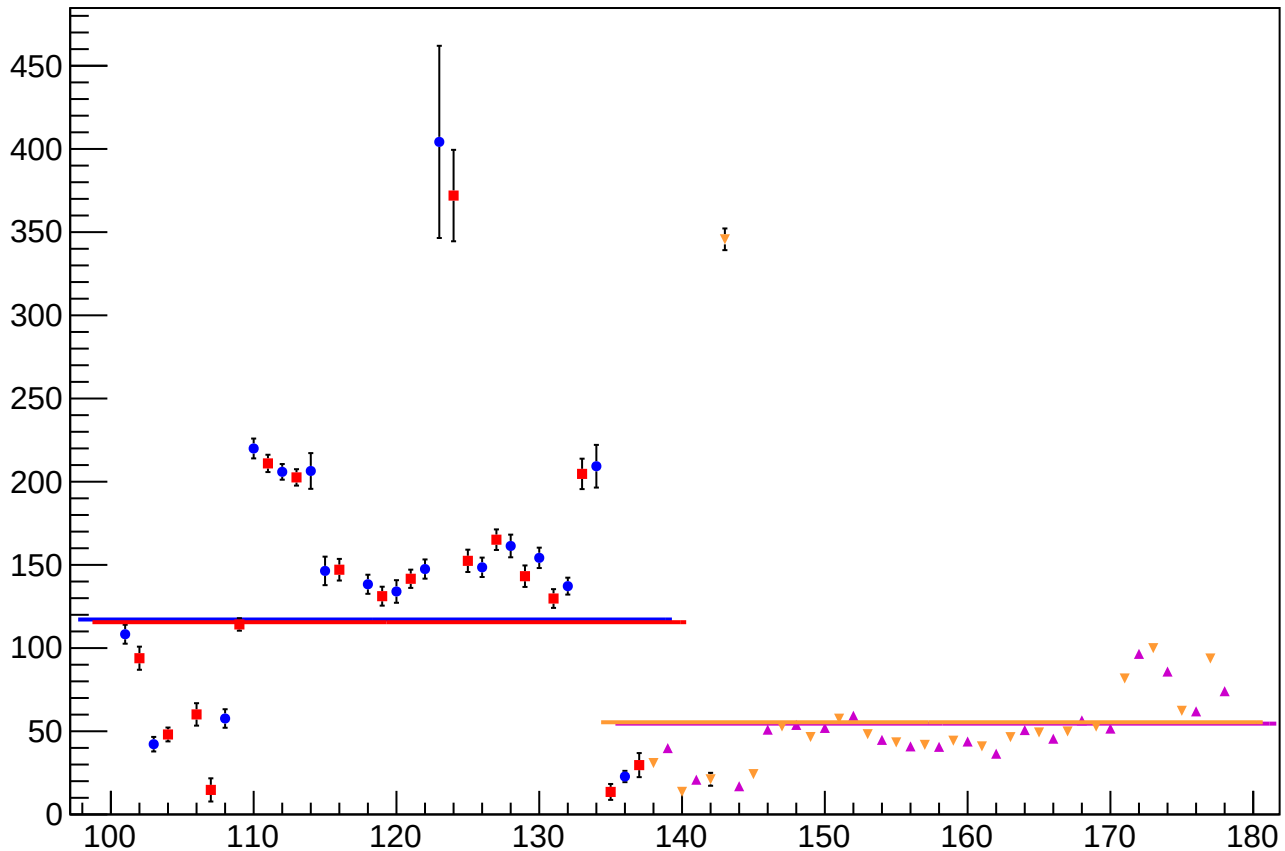
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -4.335 ± 0.316 χ^2/NDF : 670.1/36

Out: -3.544 ± 0.315 χ^2/NDF : 657.4/38

All: -3.939 ± 0.223 χ^2/NDF : 1330.6/75

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 55.410 $\pm$ 0.463 χ^2 /NDF:3963.3/20

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 54.592 $\pm$ 0.448 χ^2 /NDF:1595.3/19

Left: 54.987 $\pm$ 0.322 χ^2 /NDF: 5560.2/40

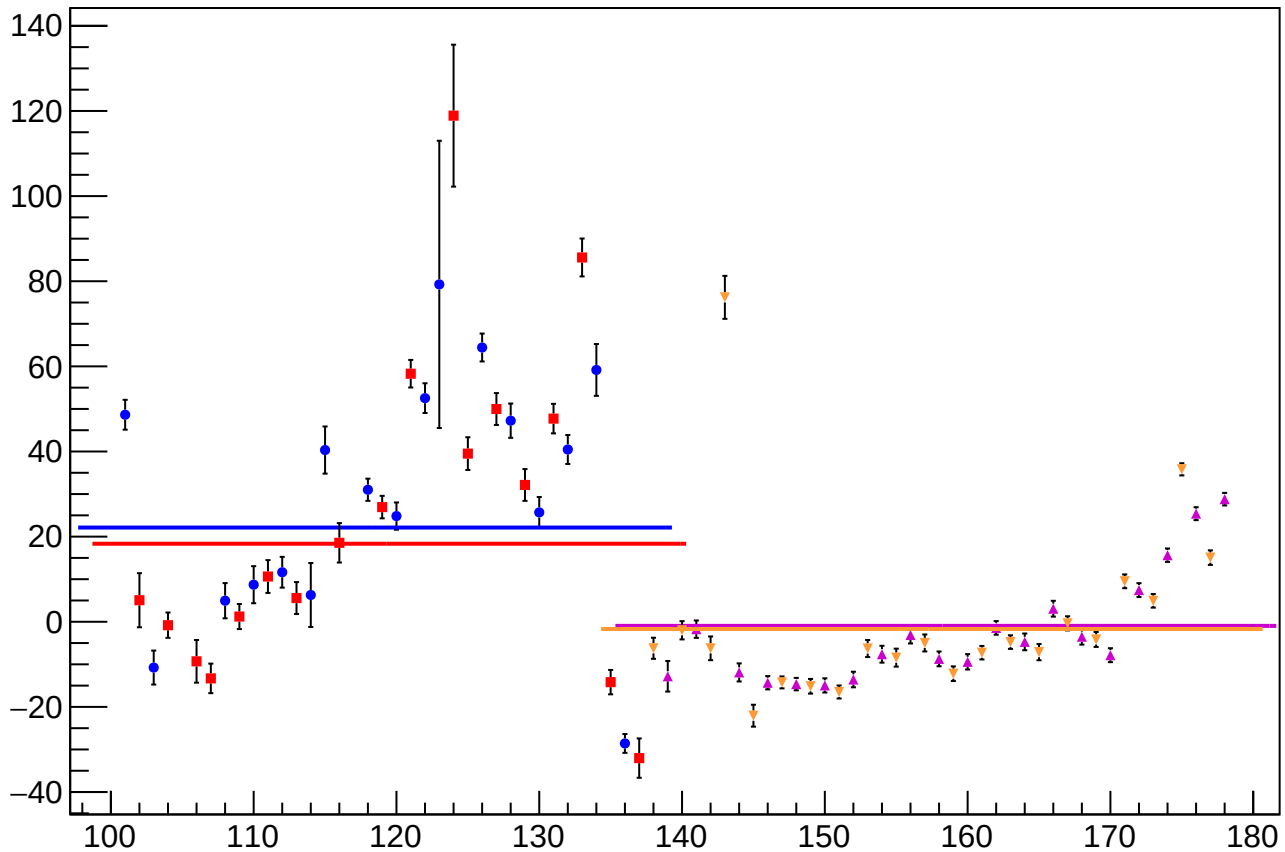
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 60.331 $\pm$ 0.427 χ^2 /NDF:5540.9/36

Out: 61.642 $\pm$ 0.439 χ^2 /NDF:7857.5/38

All: 60.969 $\pm$ 0.306 χ^2 /NDF: 13403.0/75

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -1.700+/-0.396 χ^2/NDF :1468.2/20

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: -0.965+/-0.393 χ^2/NDF :1241.8/19

Left: -1.329+/-0.279 χ^2/NDF : 2711.7/40

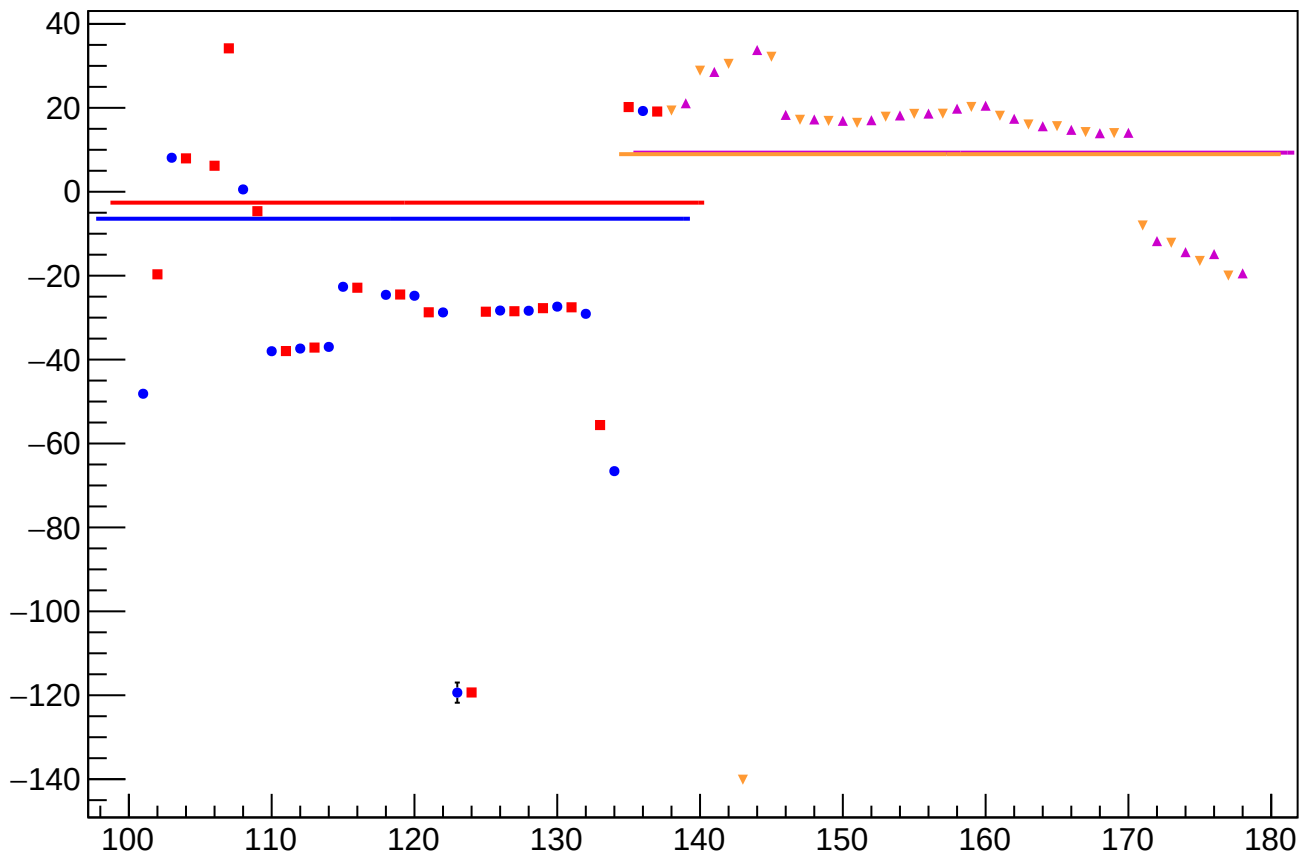
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: 2.792+/-0.359 χ^2/NDF :2868.6/36

Out: 1.725+/-0.361 χ^2/NDF :2976.0/38

All: 2.260+/-0.255 χ^2/NDF : 5849.0/75

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428+/-0.046 χ^2/NDF : 265170.6/16

Left Out: 8.959+/-0.018 χ^2/NDF :1006323.9/20

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 9.320+/-0.018 χ^2/NDF :739457.3/19

Left: 9.145+/-0.013 χ^2/NDF : 1745981.3/40

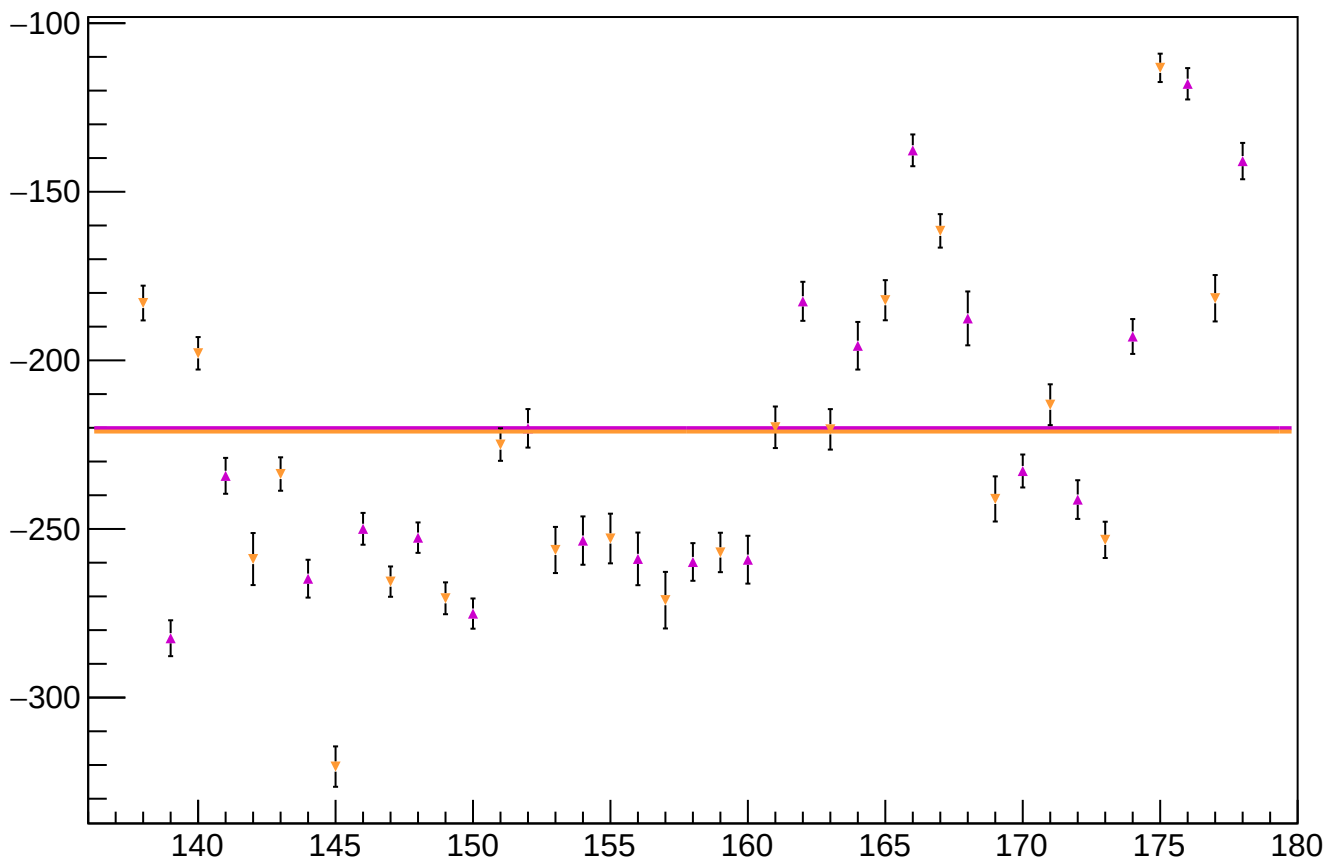
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 7.292+/-0.017 χ^2/NDF :1105800.1/36

Out: 7.368+/-0.017 χ^2/NDF :1324866.0/38

All: 7.329+/-0.012 χ^2/NDF : 2430676.2/75

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -221.108+/-1.220 χ^2/NDF :1633.1/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.105+/-1.226 χ^2/NDF :1699.6/19

Left: -220.609+/-0.865 χ^2/NDF : 3333.0/40

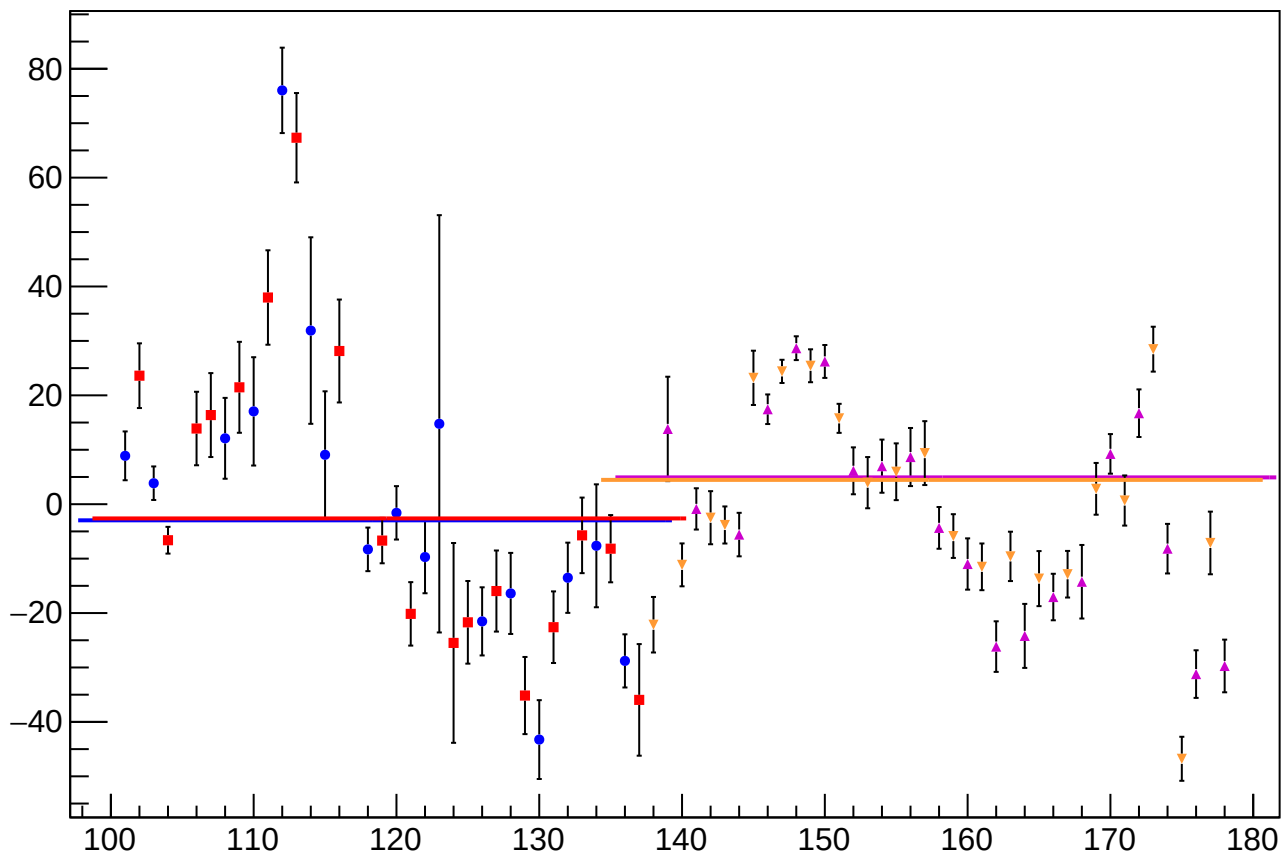
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.105+/-1.226 χ^2/NDF :1699.6/19

Out: -221.108+/-1.220 χ^2/NDF :1633.1/20

All: -220.609+/-0.865 χ^2/NDF : 3333.0/40

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 4.467 ± 0.860 χ^2/NDF : 477.9/20

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 4.924 ± 0.890 χ^2/NDF : 457.2/19

Left: 4.688 ± 0.618 χ^2/NDF : 935.3/40

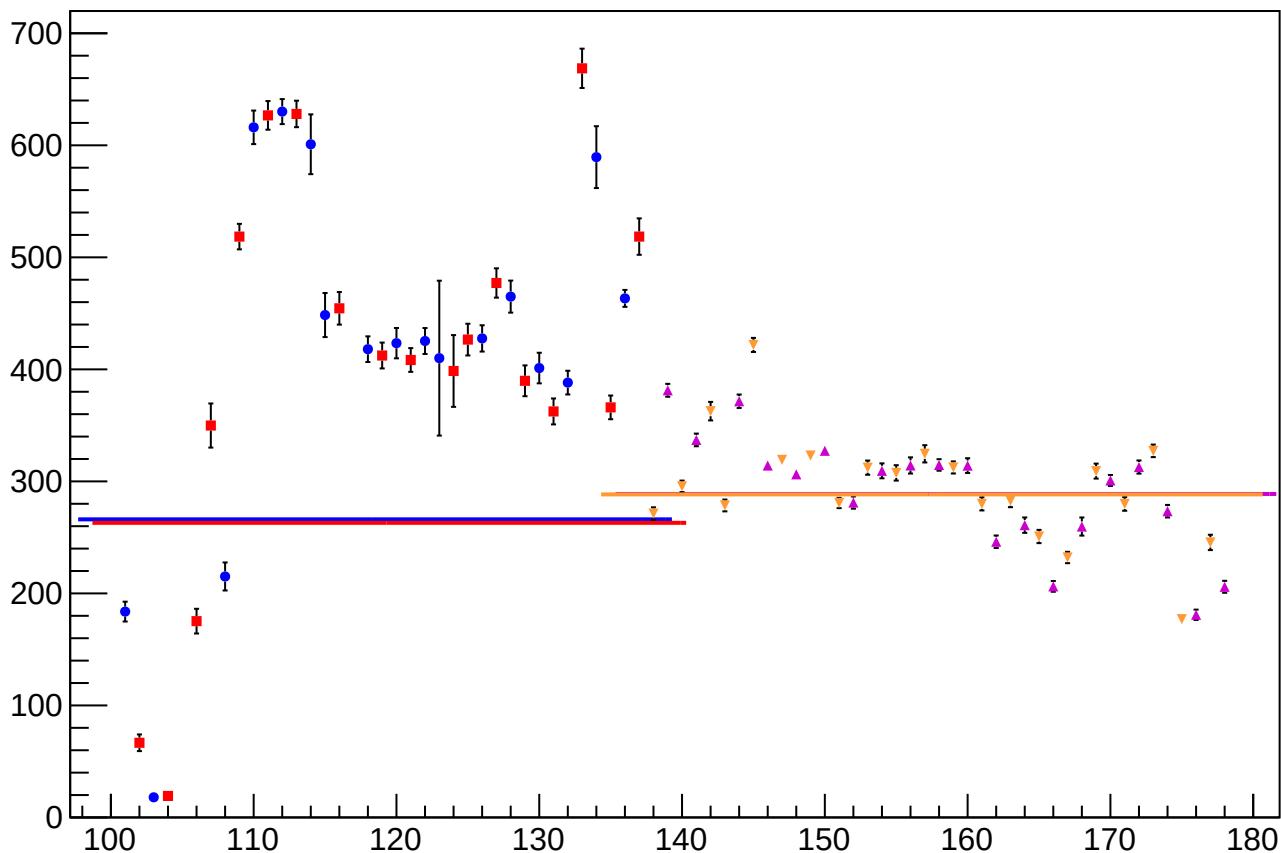
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 2.773 ± 0.759 χ^2/NDF : 682.2/36

Out: 2.525 ± 0.733 χ^2/NDF : 707.0/38

All: 2.645 ± 0.527 χ^2/NDF : 1389.3/75

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 288.373 $\pm$ 1.210 χ^2 /NDF:1696.3/20

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 288.770 $\pm$ 1.209 χ^2 /NDF:1921.3/19

Left: 288.572 $\pm$ 0.855 χ^2 /NDF: 3617.6/40

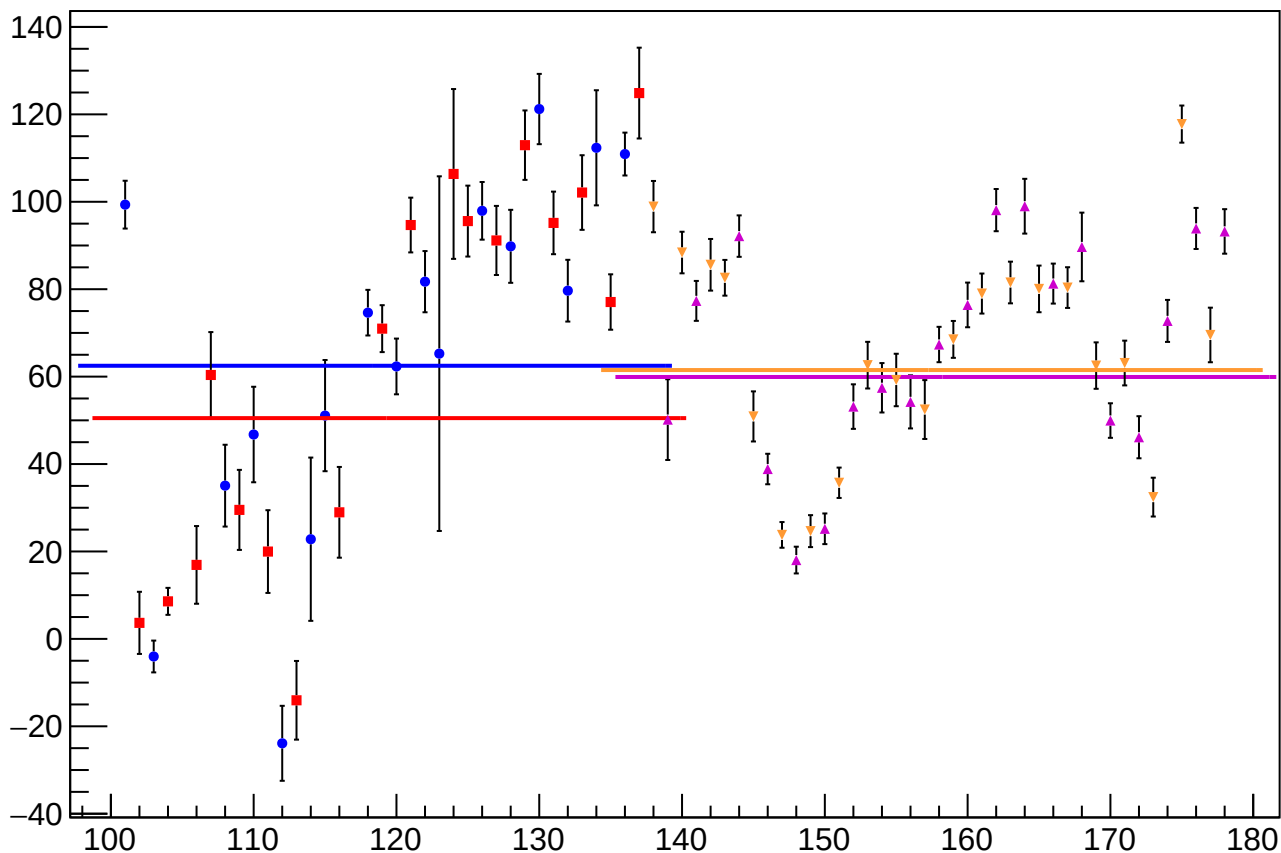
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 284.418 $\pm$ 1.087 χ^2 /NDF:9632.7/36

Out: 283.453 $\pm$ 1.086 χ^2 /NDF:9953.6/38

All: 283.935 $\pm$ 0.768 χ^2 /NDF: 19586.7/75

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 61.502 $\pm$ 1.007 χ^2 /NDF: 726.6/20

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 59.918 $\pm$ 1.033 χ^2 /NDF: 654.7/19

Left: 60.730 $\pm$ 0.721 χ^2 /NDF: 1382.6/40

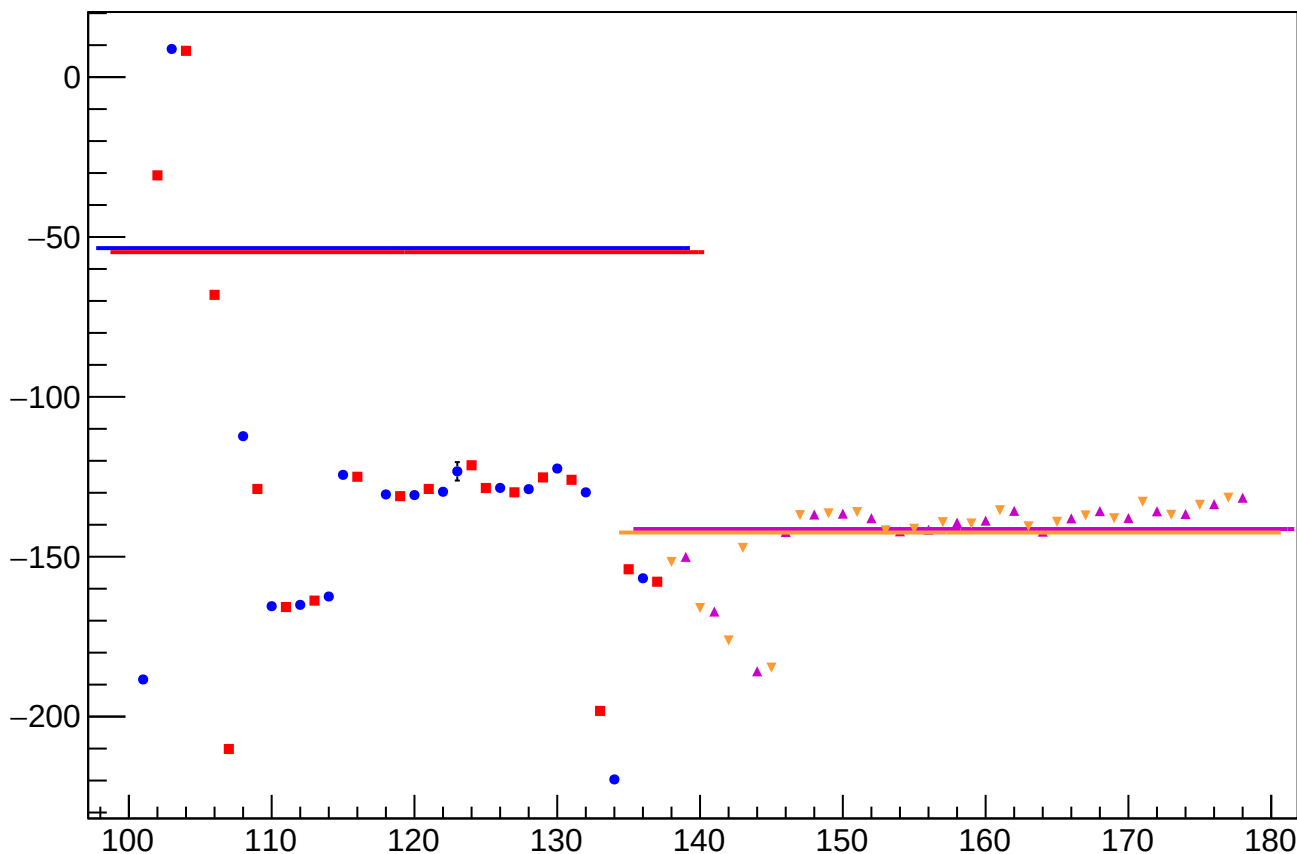
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 60.621 $\pm$ 0.880 χ^2 /NDF: 1377.2/36

Out: 58.501 $\pm$ 0.859 χ^2 /NDF: 1409.7/38

All: 59.536 $\pm$ 0.615 χ^2 /NDF: 2789.9/75

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -142.430 $\pm$ 0.049 χ^2 /NDF: 64173.7/20

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -141.335 $\pm$ 0.048 χ^2 /NDF: 50787.2/19

Left: -141.880 $\pm$ 0.034 χ^2 /NDF: 115216.0/40

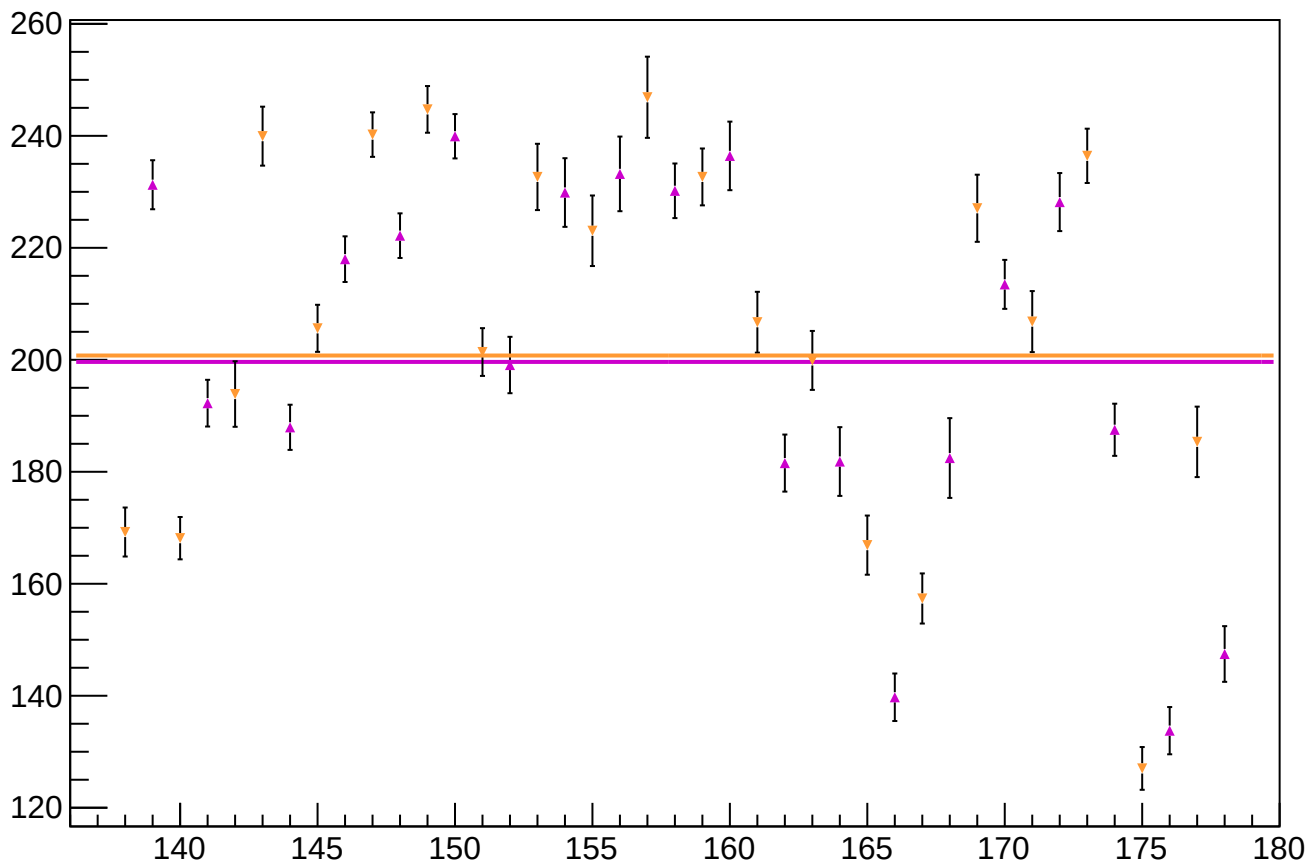
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -113.110 $\pm$ 0.040 χ^2 /NDF: 2339252.6/36

Out: -115.045 $\pm$ 0.040 χ^2 /NDF: 2032745.6/38

All: -114.067 $\pm$ 0.028 χ^2 /NDF: 4373162.9/75

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.622+/-1.061 χ^2/NDF :971.6/19

Left: 200.194+/-0.751 χ^2/NDF : 2077.6/40

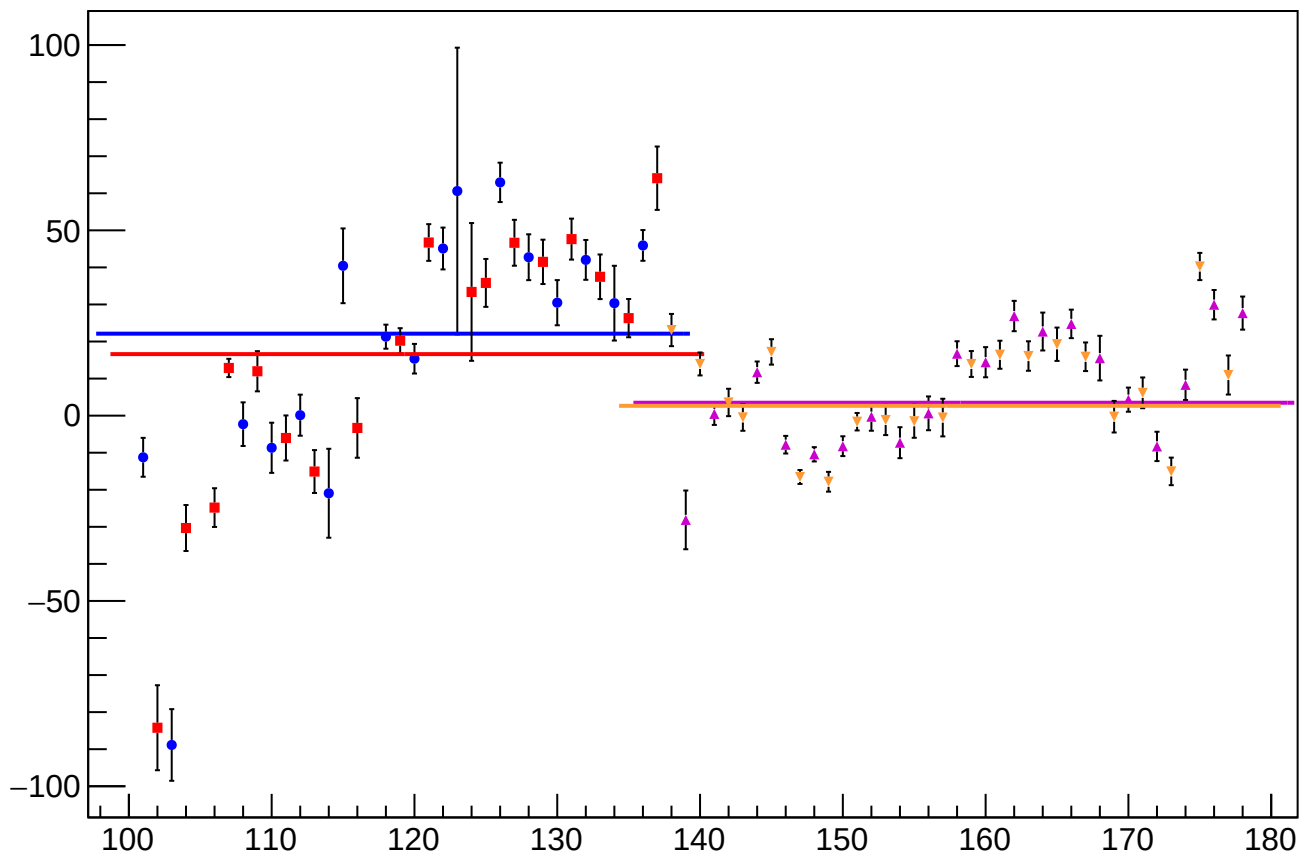
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.622+/-1.061 χ^2/NDF :971.6/19

Out: 200.767+/-1.063 χ^2/NDF :1105.3/20

All: 200.194+/-0.751 χ^2/NDF : 2077.6/40

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2/NDF : 382.0/16

Left Out: 2.652 $\pm$ 0.752 χ^2/NDF : 413.9/20

Right Out: 16.602 $\pm$ 1.229 χ^2/NDF : 416.8/17

Left In: 3.483 $\pm$ 0.771 χ^2/NDF : 315.3/19

Left: 3.057 $\pm$ 0.538 χ^2/NDF : 729.8/40

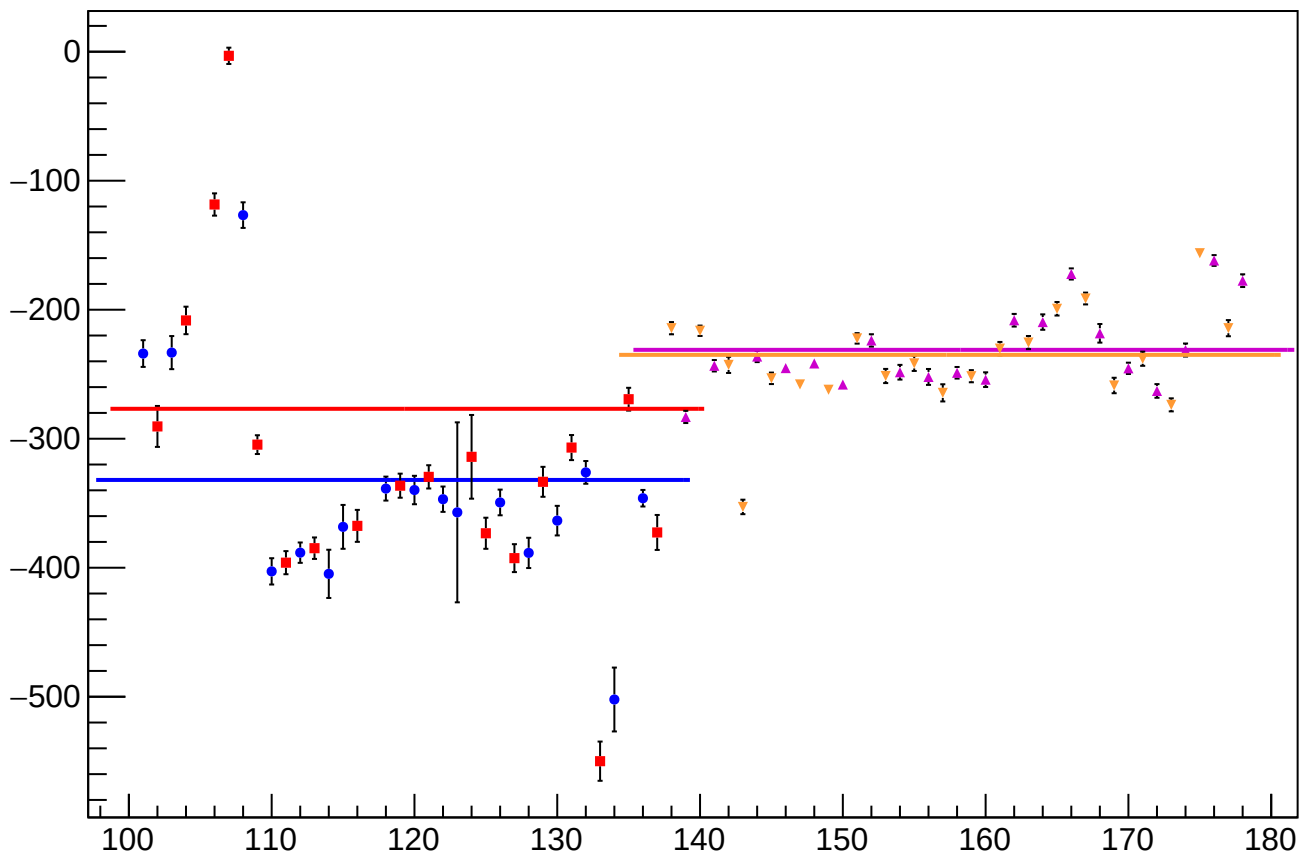
Right: 19.049 $\pm$ 0.917 χ^2/NDF : 807.7/34

In: 7.932 $\pm$ 0.673 χ^2/NDF : 836.8/36

Out: 6.449 $\pm$ 0.641 χ^2/NDF : 924.5/38

All: 7.155 $\pm$ 0.464 χ^2/NDF : 1763.9/75

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: -234.991 $\pm$ 1.056 χ^2 /NDF:1292.0/20

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -231.100 $\pm$ 1.050 χ^2 /NDF:922.3/19

Left: -233.034 $\pm$ 0.744 χ^2 /NDF: 2221.1/40

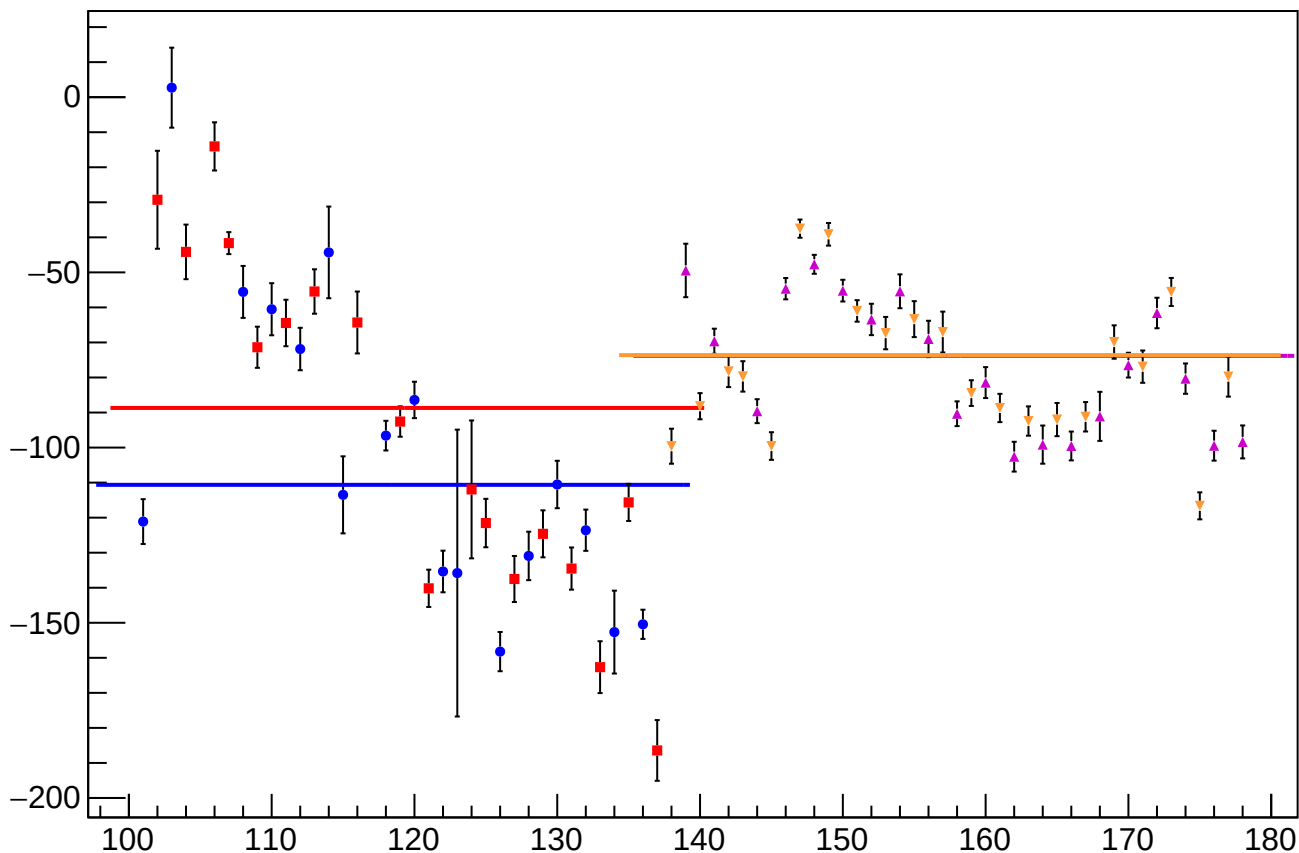
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -245.546 $\pm$ 0.972 χ^2 /NDF:3030.0/36

Out: -242.118 $\pm$ 0.962 χ^2 /NDF:4889.7/38

All: -243.815 $\pm$ 0.684 χ^2 /NDF: 7926.0/75

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -73.611 ± 0.881 χ^2/NDF : 642.4/20

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -73.822 ± 0.896 χ^2/NDF : 434.6/19

Left: -73.715 ± 0.628 χ^2/NDF : 1077.0/40

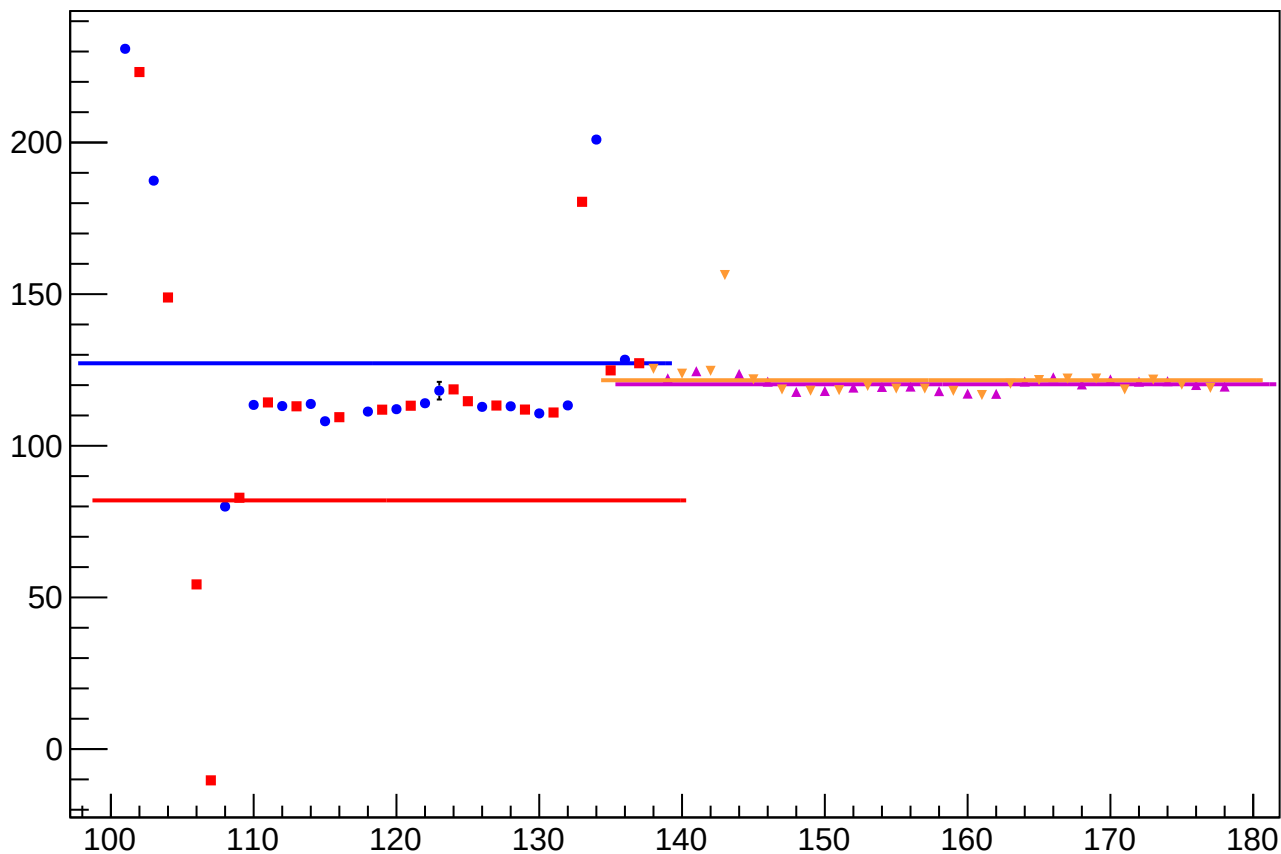
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -82.768 ± 0.779 χ^2/NDF : 1353.7/36

Out: -77.738 ± 0.751 χ^2/NDF : 1686.6/38

All: -80.158 ± 0.541 χ^2/NDF : 3061.9/75

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.618 $\pm$ 0.042 χ^2 /NDF: 27217.4/20

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.288 $\pm$ 0.042 χ^2 /NDF: 2571.8/19

Left: 120.946 $\pm$ 0.030 χ^2 /NDF: 30286.6/40

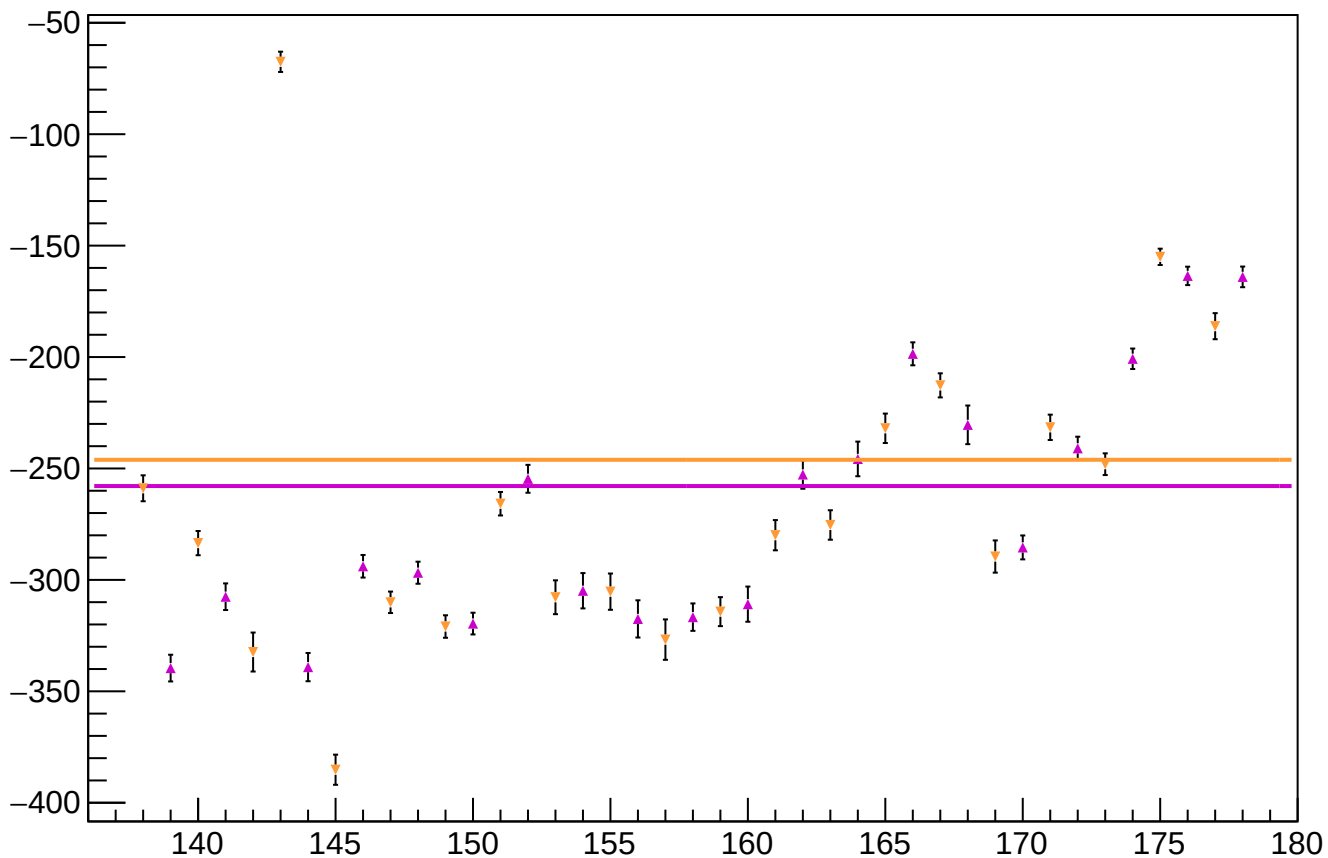
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.543 $\pm$ 0.038 χ^2 /NDF: 195527.6/36

Out: 112.119 $\pm$ 0.037 χ^2 /NDF: 986536.2/38

All: 116.704 $\pm$ 0.026 χ^2 /NDF: 1213694.0/75

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -246.102+/-1.259 χ^2/NDF :3683.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -257.888+/-1.273 χ^2/NDF :2182.8/19

Left: -251.930+/-0.895 χ^2/NDF : 5909.8/40

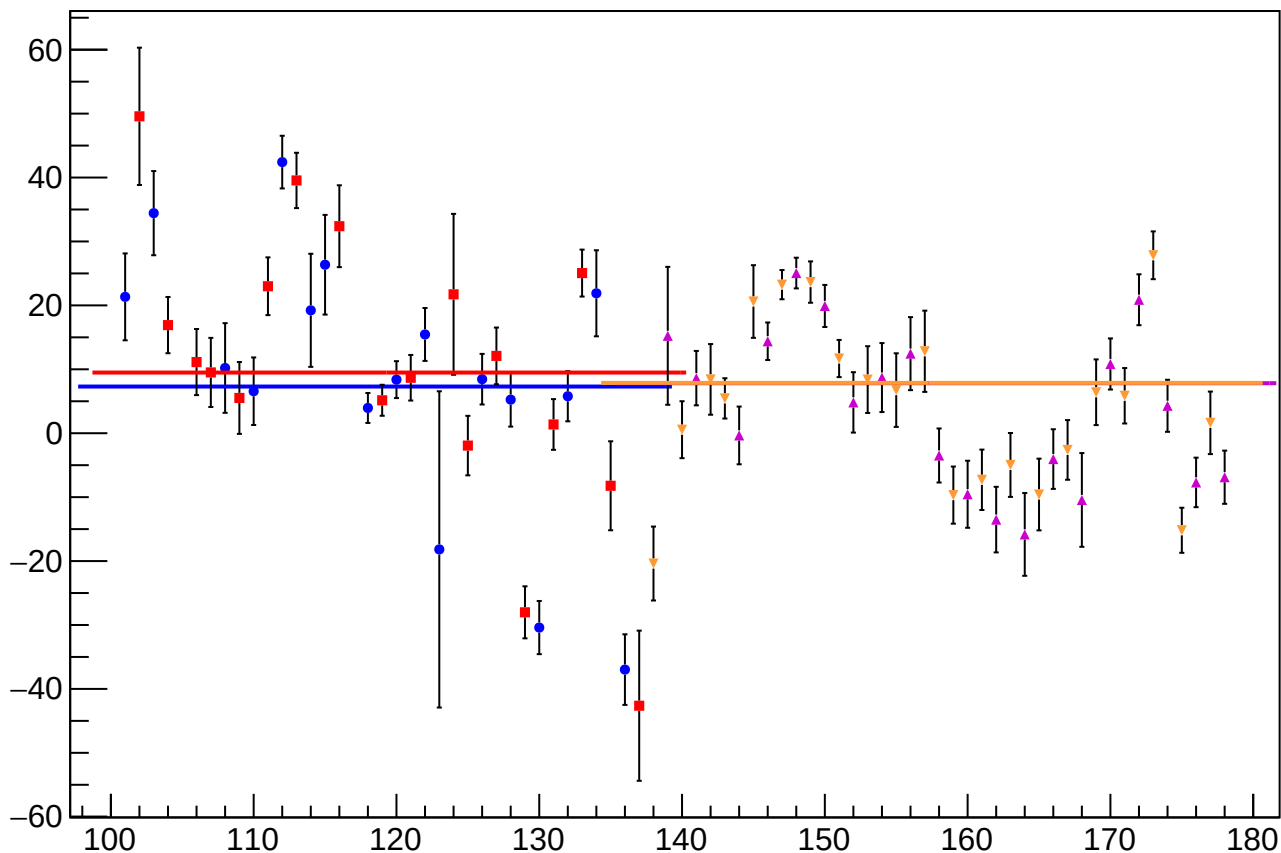
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -257.888+/-1.273 χ^2/NDF :2182.8/19

Out: -246.102+/-1.259 χ^2/NDF :3683.7/20

All: -251.930+/-0.895 χ^2/NDF : 5909.8/40

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 7.879 $\pm$ 0.898 χ^2 /NDF:224.0/20

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 7.827 $\pm$ 0.939 χ^2 /NDF:177.0/19

Left: 7.854 $\pm$ 0.649 χ^2 /NDF: 400.9/40

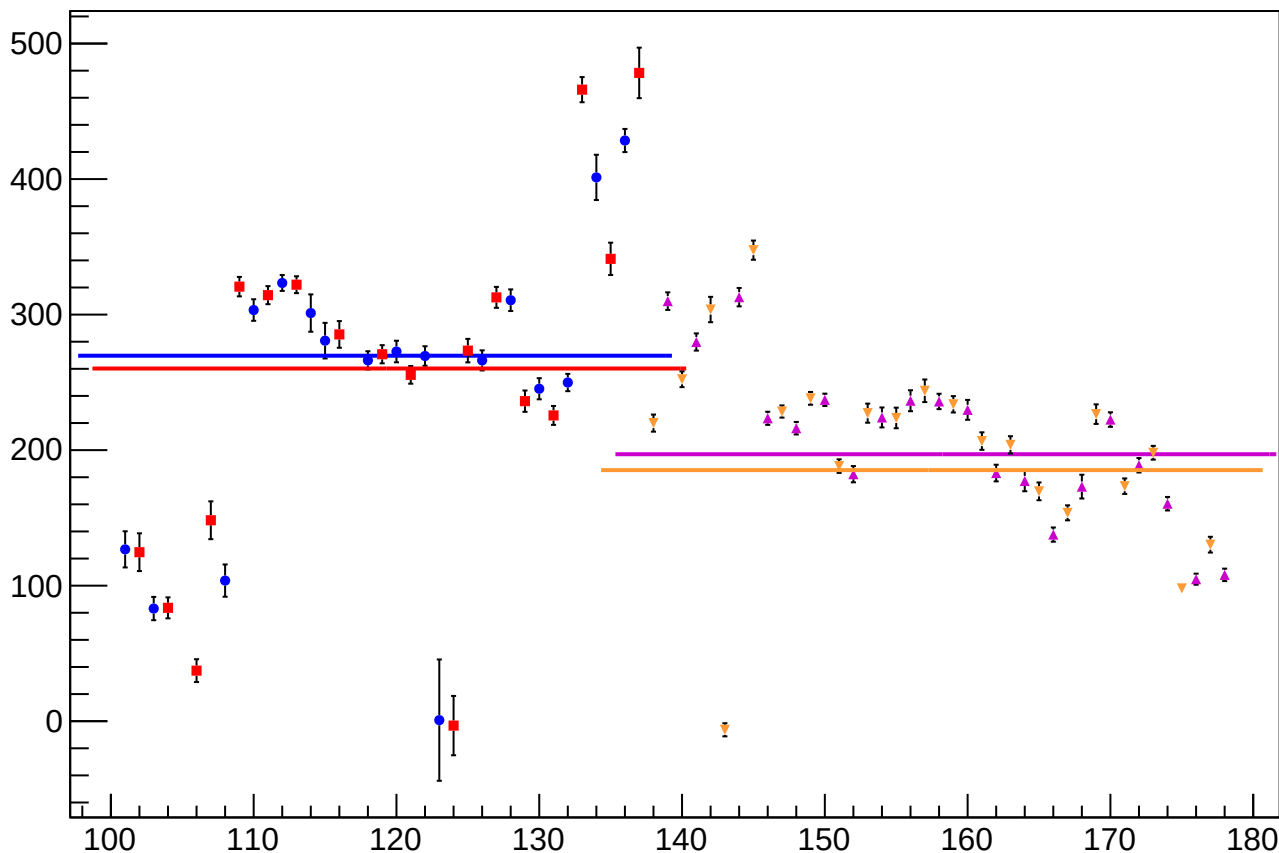
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 7.602 $\pm$ 0.710 χ^2 /NDF:437.8/36

Out: 8.544 $\pm$ 0.689 χ^2 /NDF:456.4/38

All: 8.087 $\pm$ 0.494 χ^2 /NDF: 895.1/75

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 185.256 $\pm$ 1.251 χ^2 /NDF:3562.1/20

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 196.982 $\pm$ 1.260 χ^2 /NDF:2110.7/19

Left: 191.079 $\pm$ 0.888 χ^2 /NDF: 5716.4/40

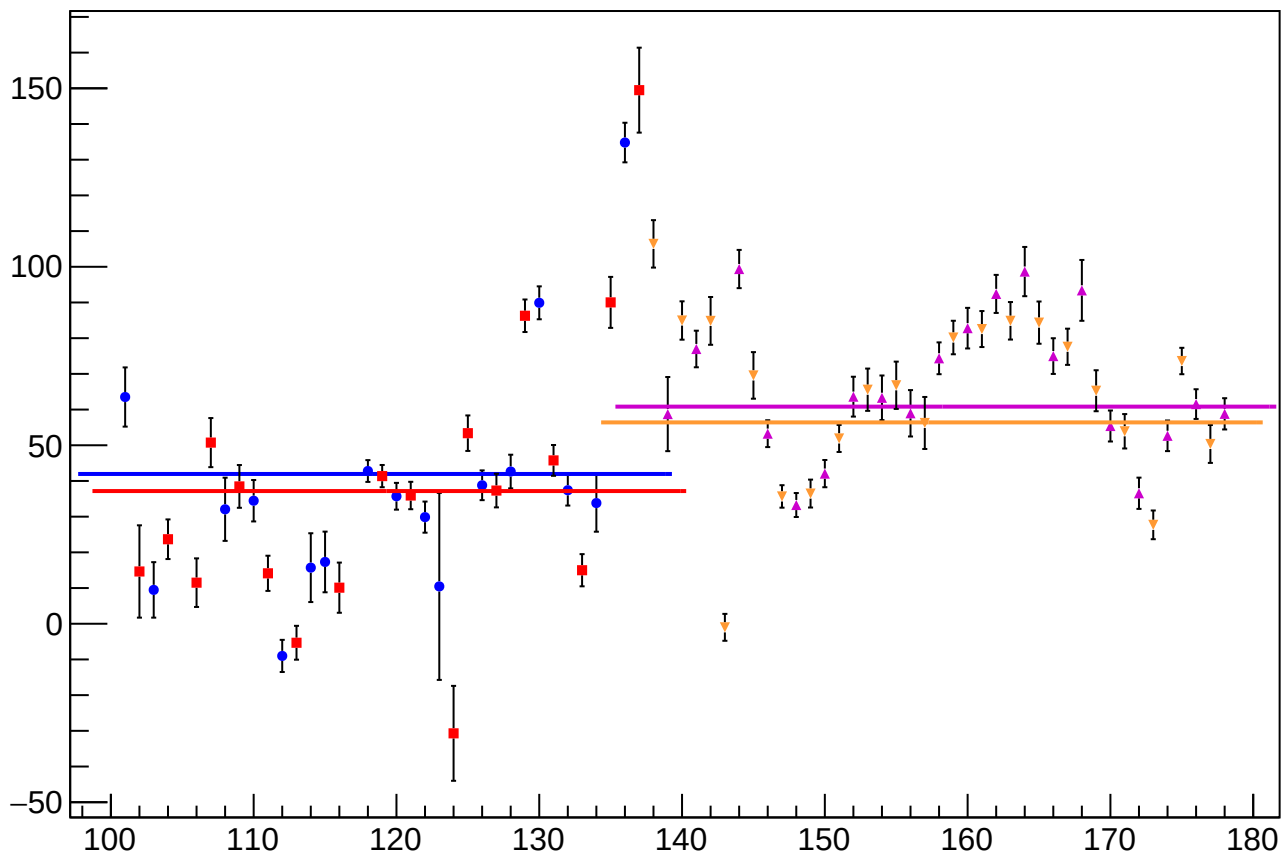
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 216.538 $\pm$ 1.077 χ^2 /NDF:4383.2/36

Out: 206.663 $\pm$ 1.057 χ^2 /NDF:7115.6/38

All: 211.510 $\pm$ 0.754 χ^2 /NDF: 11541.6/75

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 56.406+/-1.047 χ^2/NDF : 612.8/20

Right Out: 37.171+/-1.236 χ^2/NDF : 470.9/17

Left In: 60.824+/-1.083 χ^2/NDF : 306.0/19

Left: 58.541+/-0.753 χ^2/NDF : 927.4/40

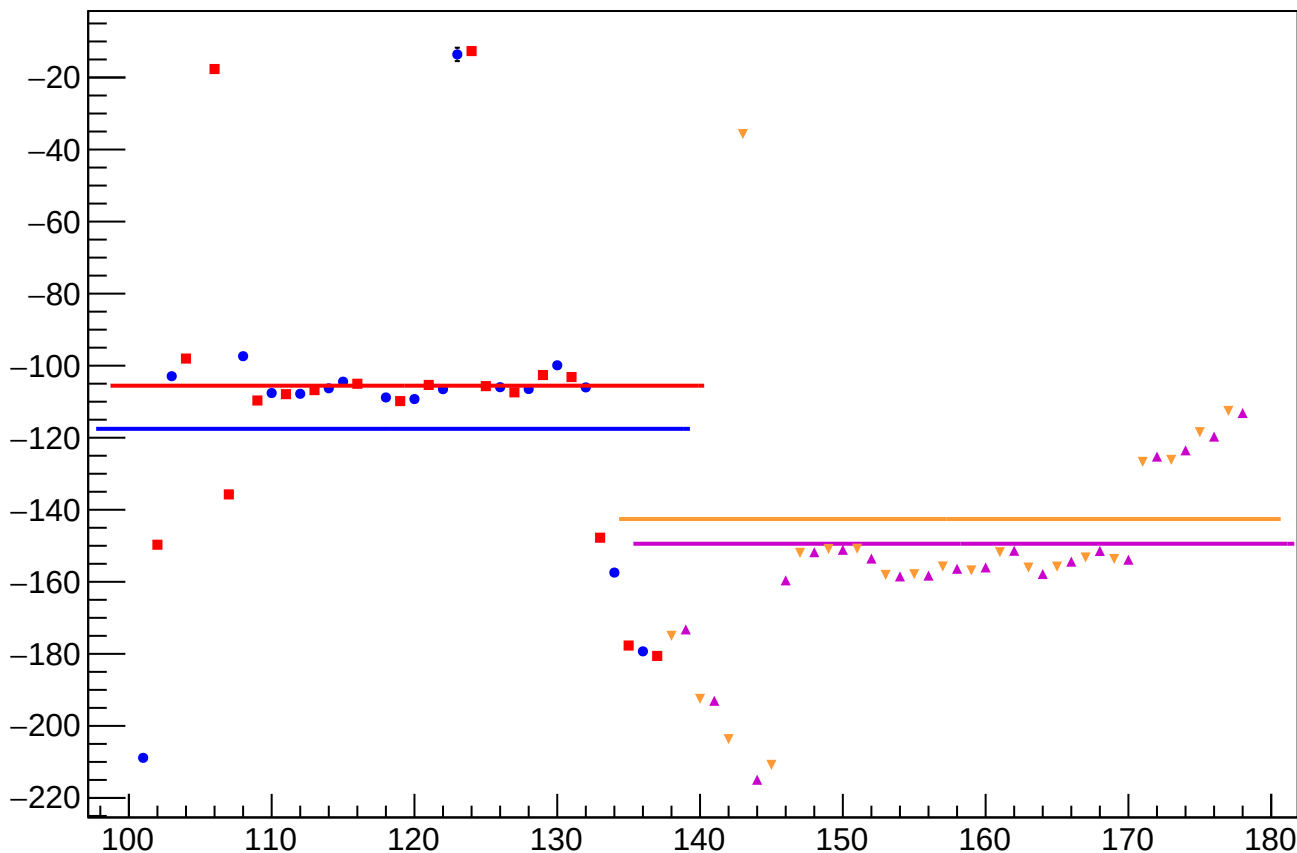
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 52.794+/-0.821 χ^2/NDF : 1009.3/36

Out: 48.369+/-0.799 χ^2/NDF : 1224.7/38

All: 50.521+/-0.573 χ^2/NDF : 2248.9/75

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -142.568 ± 0.050 $\chi^2/\text{NDF}: 521366.4/20$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -149.434 ± 0.051 $\chi^2/\text{NDF}: 187256.3/19$

Left: -145.990 ± 0.036 $\chi^2/\text{NDF}: 717875.2/40$

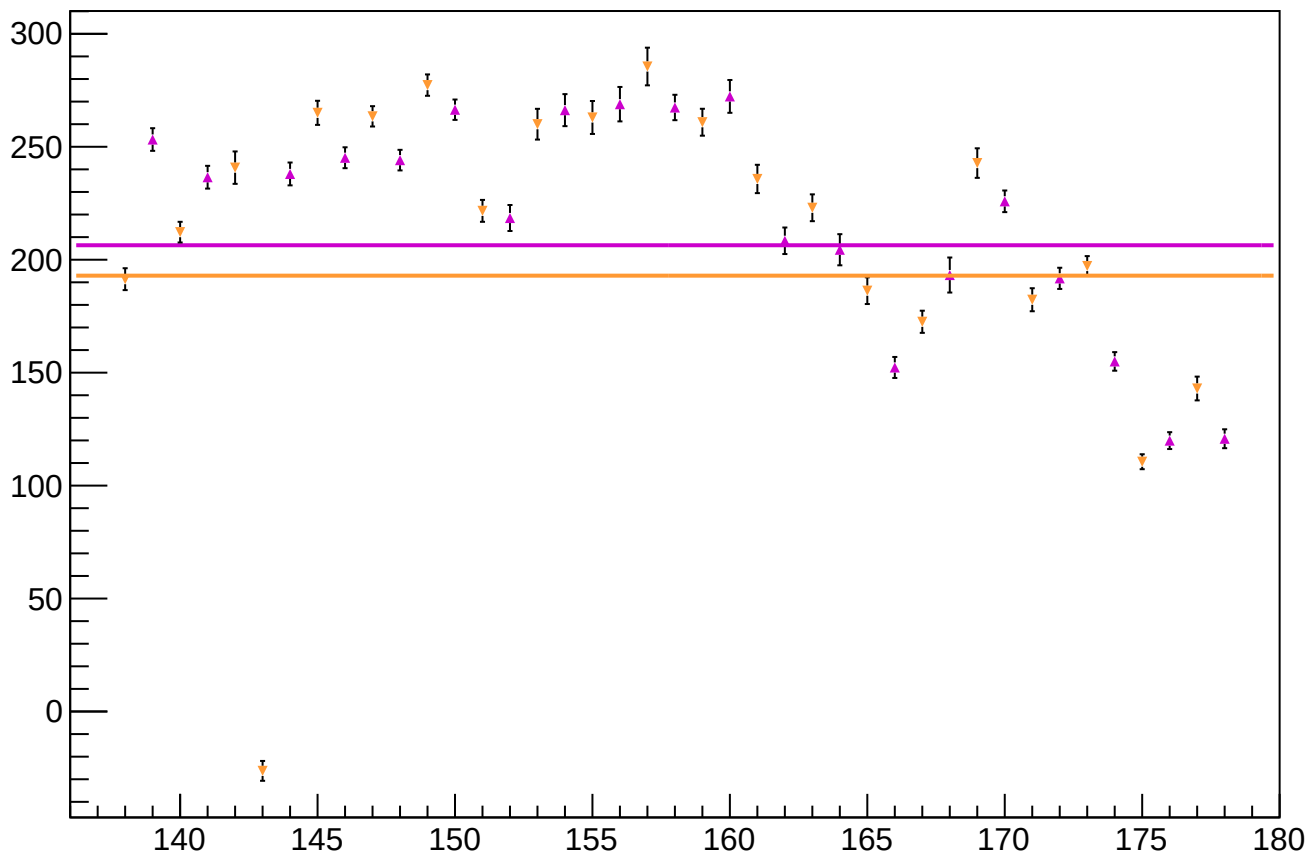
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -140.019 ± 0.042 $\chi^2/\text{NDF}: 446821.3/36$

Out: -130.593 ± 0.041 $\chi^2/\text{NDF}: 1013313.8/38$

All: -135.195 ± 0.030 $\chi^2/\text{NDF}: 1485378.4/75$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 192.947+/-1.131 χ^2/NDF :4637.2/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.407+/-1.139 χ^2/NDF :2097.9/19

Left: 199.629+/-0.803 χ^2/NDF : 6805.4/40

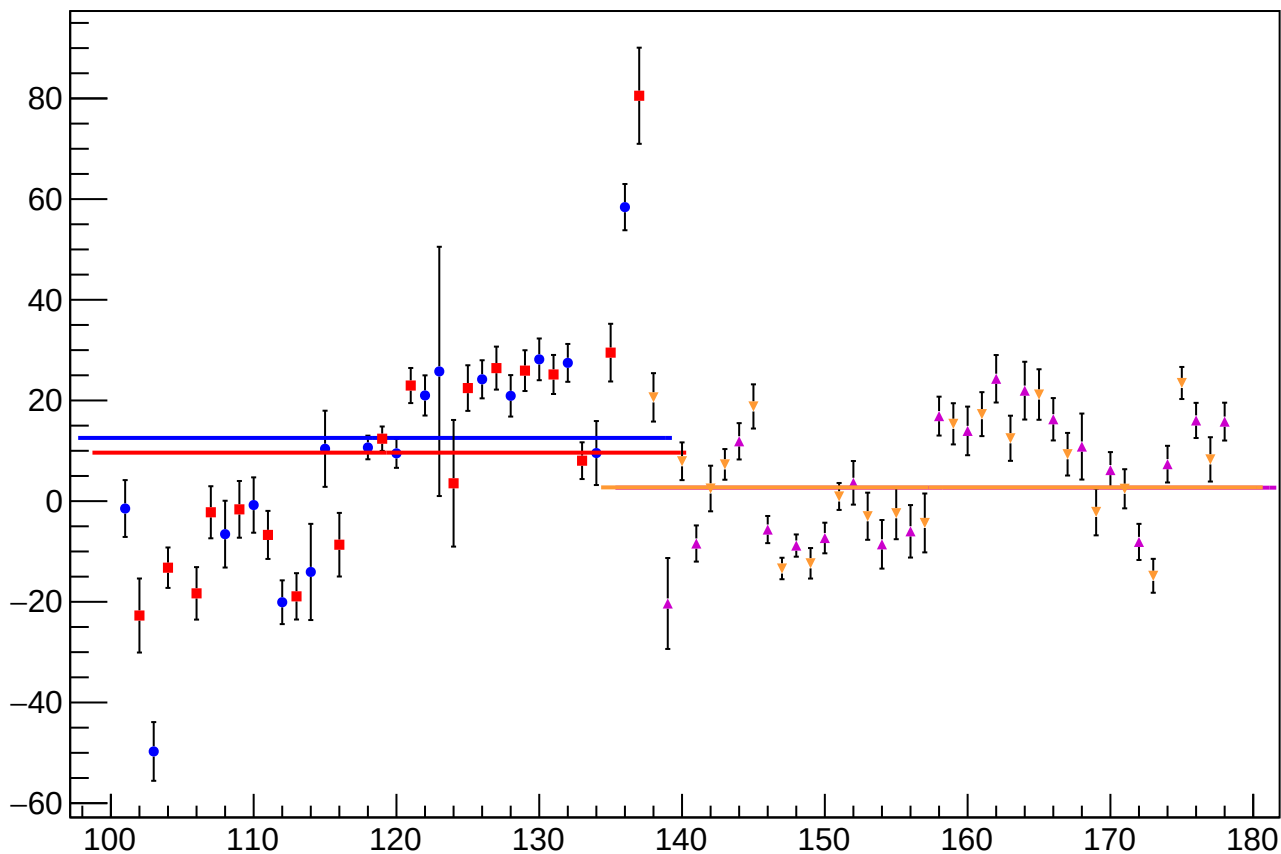
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.407+/-1.139 χ^2/NDF :2097.9/19

Out: 192.947+/-1.131 χ^2/NDF :4637.2/20

All: 199.629+/-0.803 χ^2/NDF : 6805.4/40

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.731+/-0.813 χ^2/NDF : 231.2/20

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 2.675+/-0.845 χ^2/NDF : 179.9/19

Left: 2.704+/-0.586 χ^2/NDF : 411.2/40

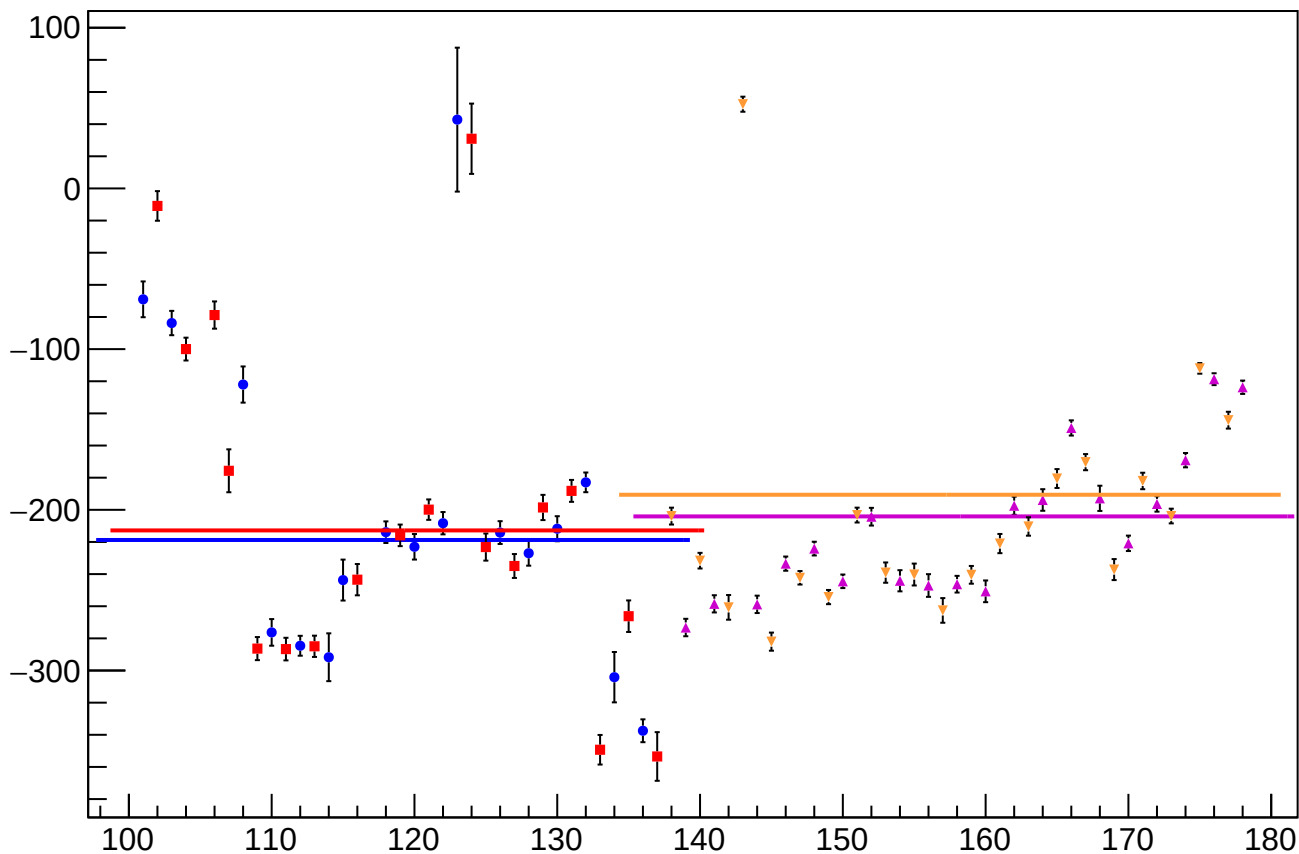
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 6.529+/-0.660 χ^2/NDF : 581.8/36

Out: 5.321+/-0.643 χ^2/NDF : 545.7/38

All: 5.909+/-0.461 χ^2/NDF : 1129.2/75

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -190.621 ± 1.127 $\chi^2/\text{NDF}: 4521.8/20$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -204.099 ± 1.130 $\chi^2/\text{NDF}: 1840.1/19$

Left: -197.340 ± 0.798 $\chi^2/\text{NDF}: 6433.2/40$

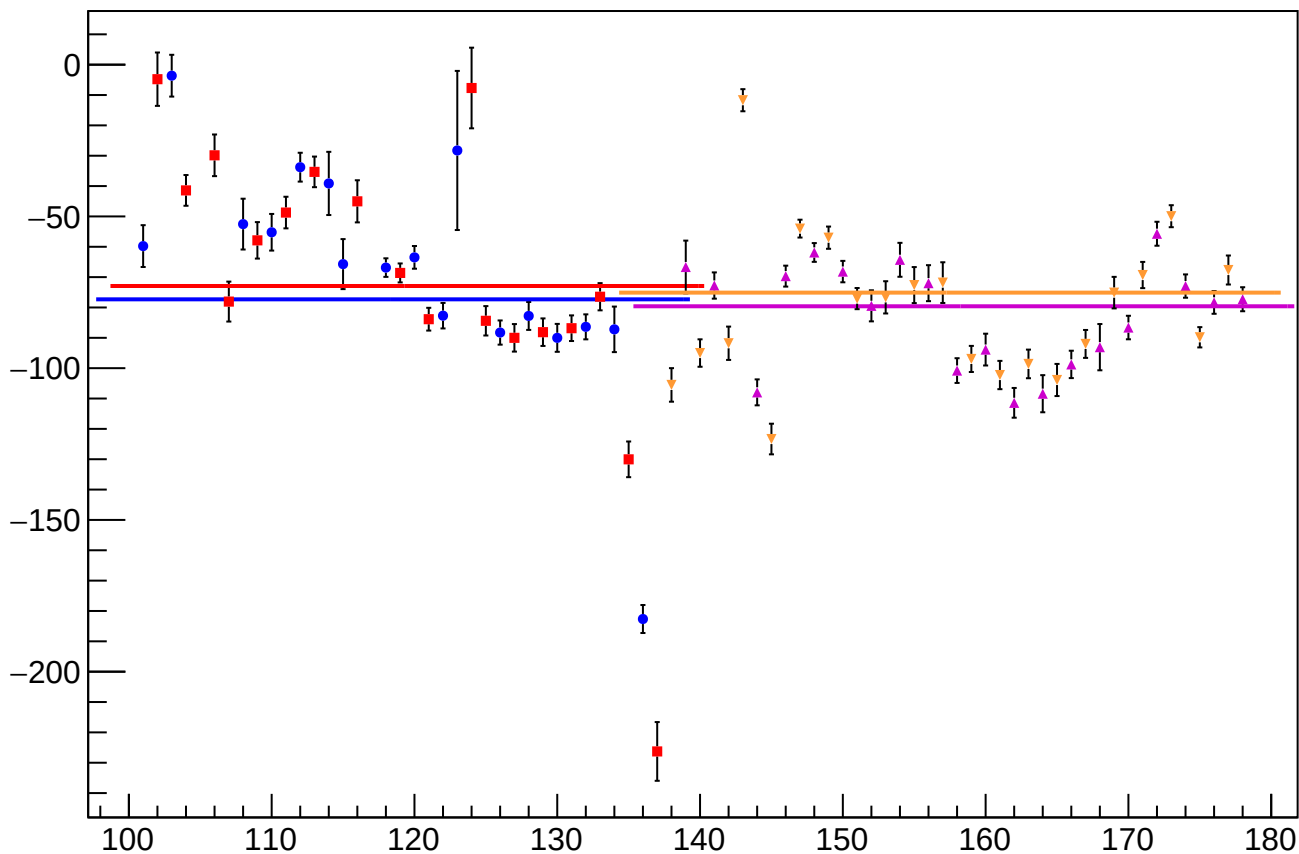
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -207.622 ± 0.985 $\chi^2/\text{NDF}: 3025.0/36$

Out: -196.279 ± 0.973 $\chi^2/\text{NDF}: 6445.2/38$

All: -201.878 ± 0.692 $\chi^2/\text{NDF}: 9537.3/75$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 $\chi^2/\text{NDF}: 817.7/16$

Left Out: -75.106 ± 0.947 $\chi^2/\text{NDF}: 729.3/20$

Right Out: -72.922 ± 1.208 $\chi^2/\text{NDF}: 660.8/17$

Left In: -79.605 ± 0.974 $\chi^2/\text{NDF}: 272.9/19$

Left: -77.291 ± 0.679 $\chi^2/\text{NDF}: 1013.2/40$

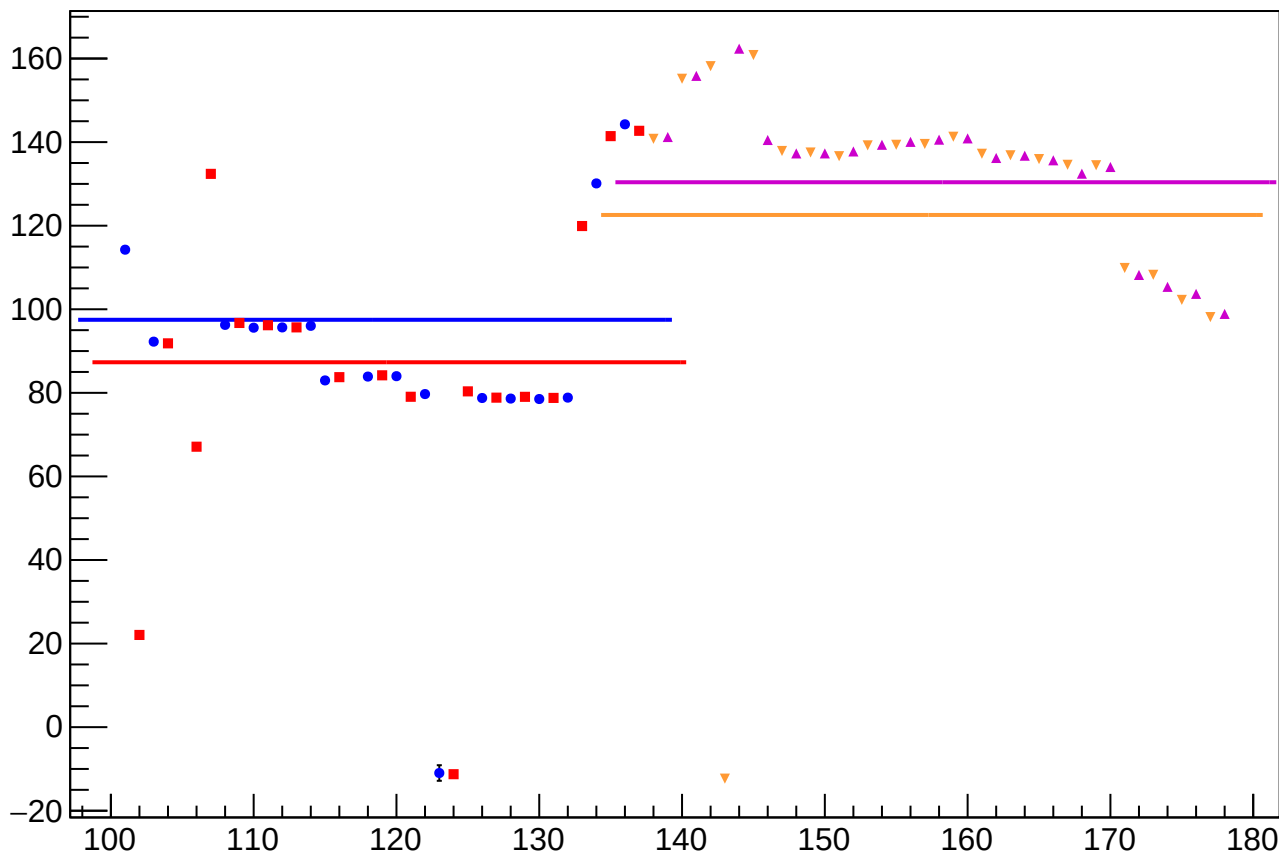
Right: -75.095 ± 0.859 $\chi^2/\text{NDF}: 1485.1/34$

In: -78.717 ± 0.762 $\chi^2/\text{NDF}: 1092.7/36$

Out: -74.275 ± 0.745 $\chi^2/\text{NDF}: 1392.2/38$

All: -76.447 ± 0.533 $\chi^2/\text{NDF}: 2502.3/75$

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 ± 0.073 χ^2/NDF : 94392.9/16

Left Out: 122.567 ± 0.045 χ^2/NDF : 688194.9/20

Right Out: 87.318 ± 0.068 χ^2/NDF : 221863.6/17

Left In: 130.397 ± 0.045 χ^2/NDF : 144115.9/19

Left: 126.485 ± 0.032 χ^2/NDF : 847228.6/40

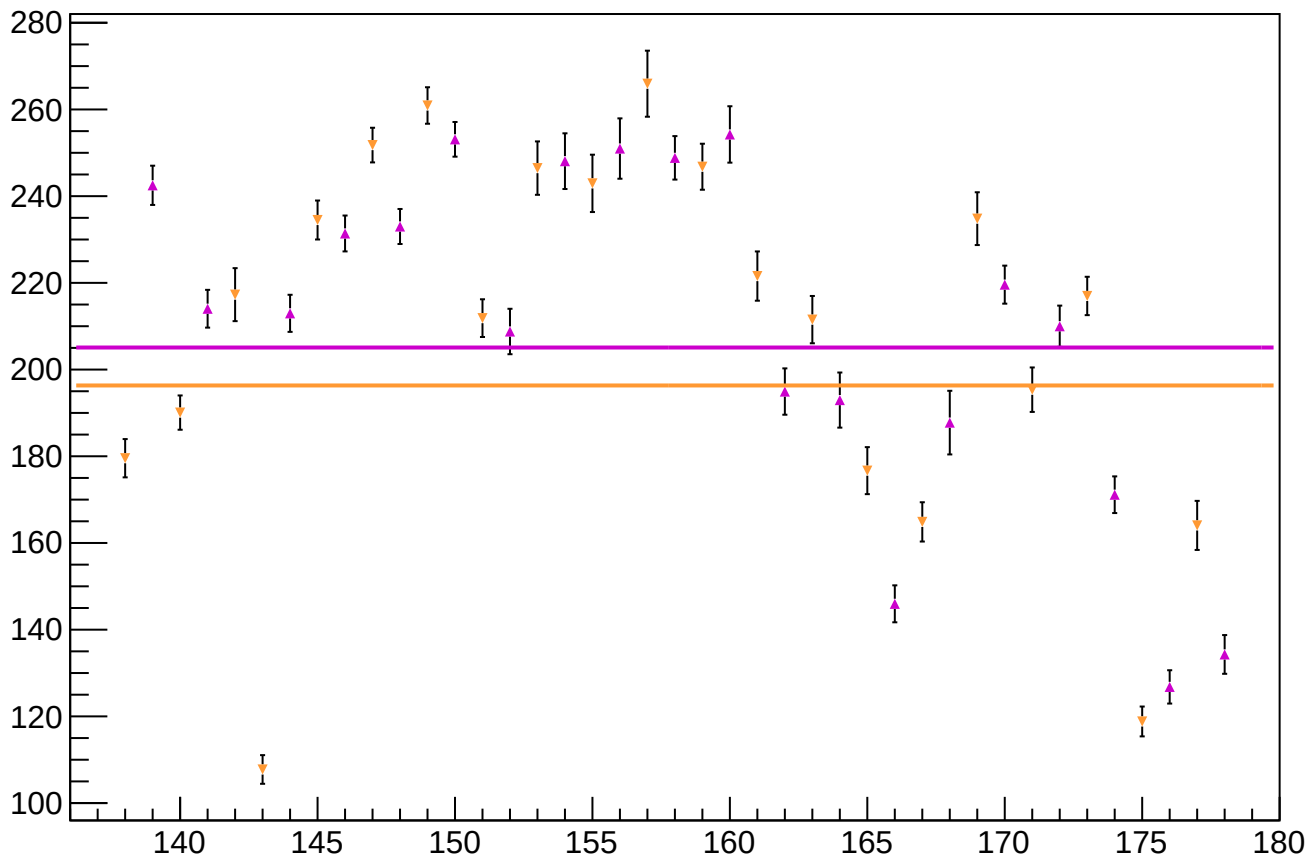
Right: 92.040 ± 0.050 χ^2/NDF : 326534.9/34

In: 121.307 ± 0.039 χ^2/NDF : 384195.7/36

Out: 111.791 ± 0.038 χ^2/NDF : 1094764.0/38

All: 116.453 ± 0.027 χ^2/NDF : 1510033.2/75

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 205.087+/-1.062 χ^2/NDF :1477.6/19

Left: 200.591+/-0.741 χ^2/NDF : 3751.3/40

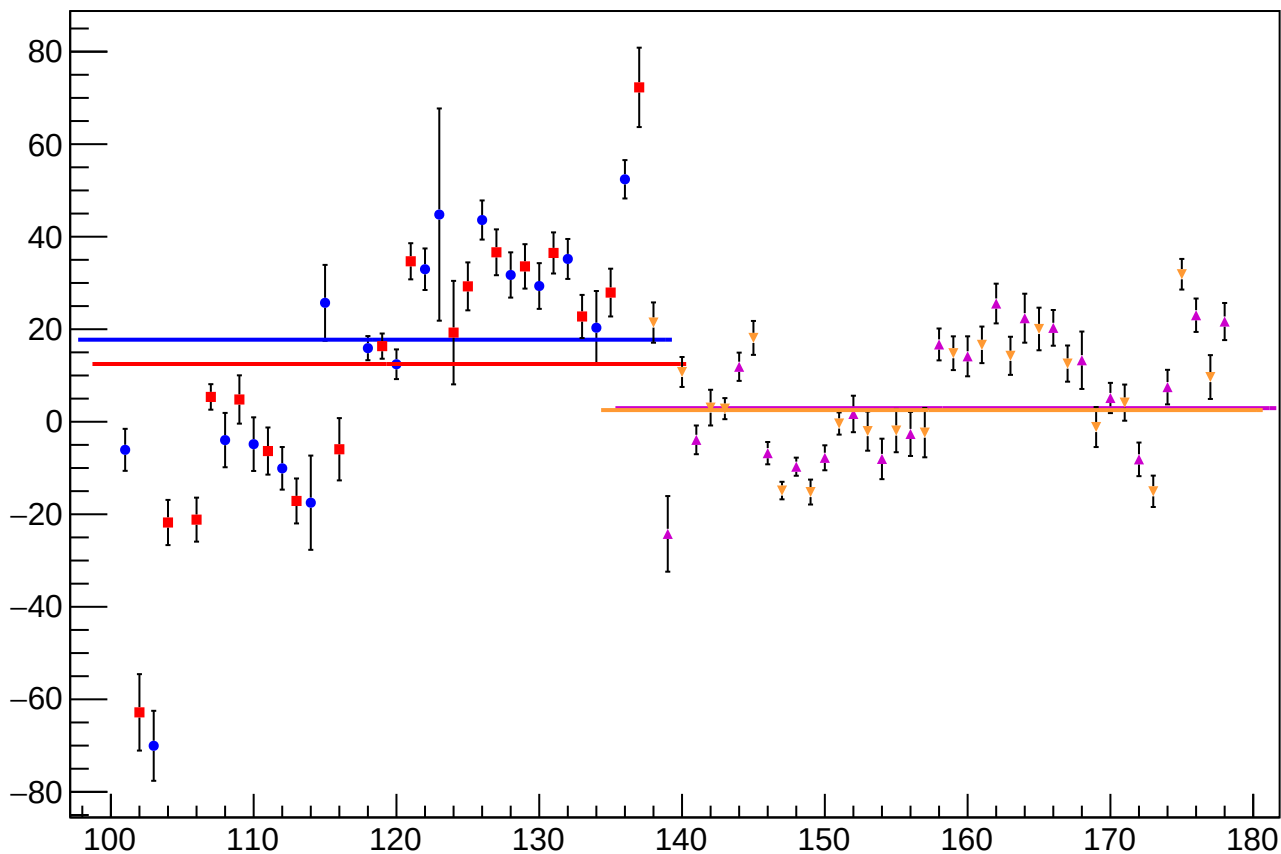
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.087+/-1.062 χ^2/NDF :1477.6/19

Out: 196.333+/-1.034 χ^2/NDF :2238.9/20

All: 200.591+/-0.741 χ^2/NDF : 3751.3/40

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 2.521 ± 0.733 $\chi^2/\text{NDF}: 337.4/20$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 2.945 ± 0.777 $\chi^2/\text{NDF}: 257.1/19$

Left: 2.721 ± 0.533 $\chi^2/\text{NDF}: 594.6/40$

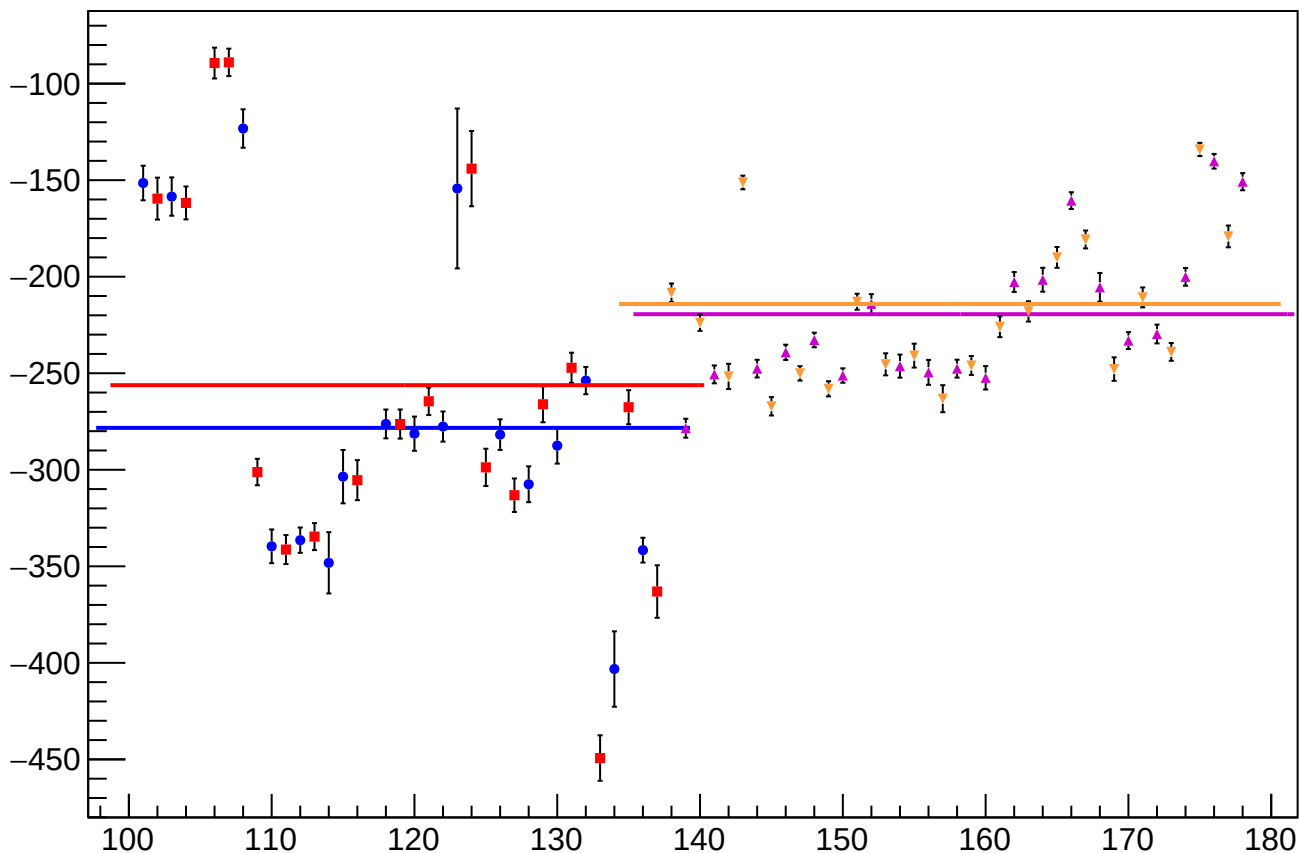
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 7.586 ± 0.643 $\chi^2/\text{NDF}: 764.9/36$

Out: 5.642 ± 0.607 $\chi^2/\text{NDF}: 824.4/38$

All: 6.558 ± 0.442 $\chi^2/\text{NDF}: 1594.1/75$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -214.134 ± 1.031 χ^2/NDF : 1557.3/20

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -219.414 ± 1.052 χ^2/NDF : 1358.7/19

Left: -216.722 ± 0.737 χ^2/NDF : 2928.9/40

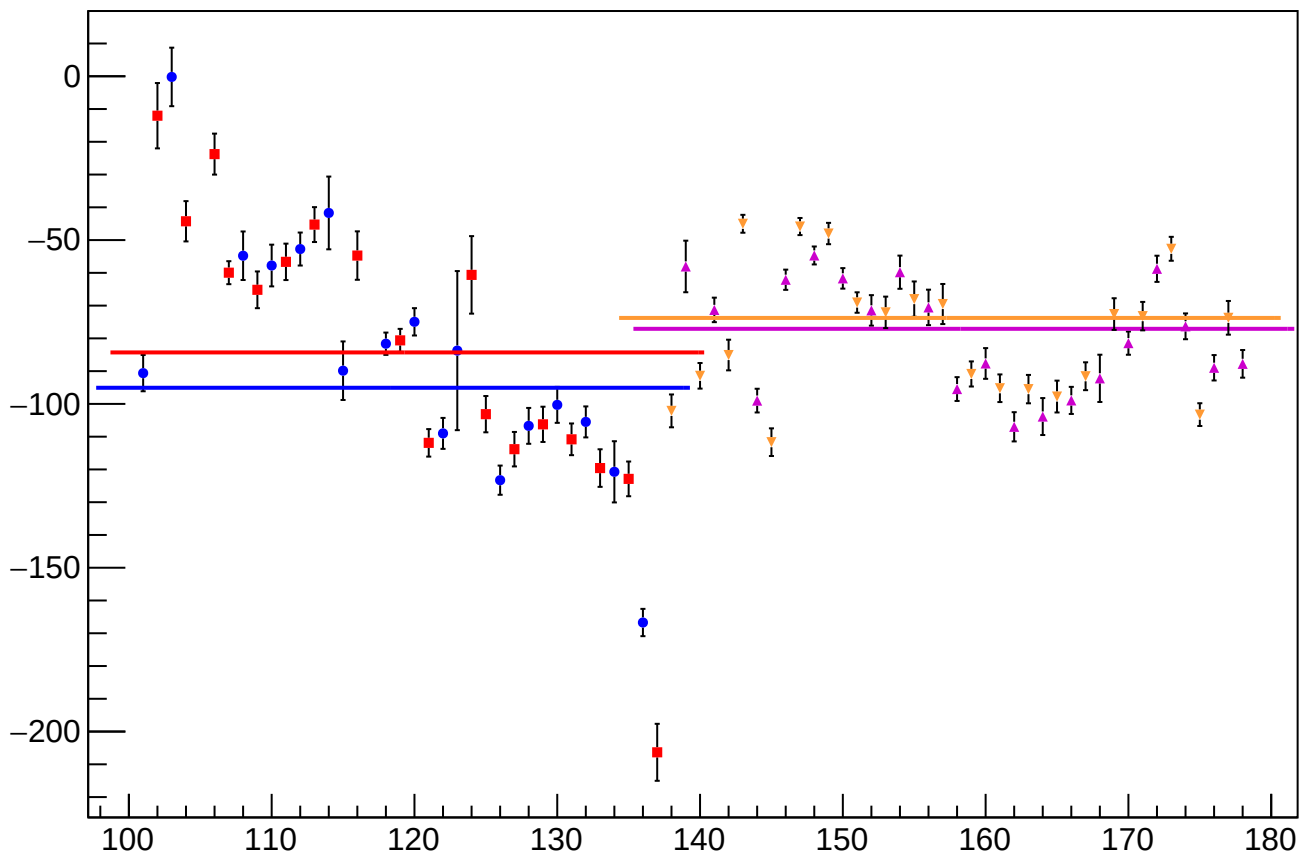
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -230.602 ± 0.947 χ^2/NDF : 2863.8/36

Out: -222.796 ± 0.919 χ^2/NDF : 3851.9/38

All: -226.582 ± 0.659 χ^2/NDF : 6750.6/75

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.759 ± 0.859 χ^2/NDF : 648.9/20

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -77.082 ± 0.900 χ^2/NDF : 342.8/19

Left: -75.342 ± 0.621 χ^2/NDF : 998.9/40

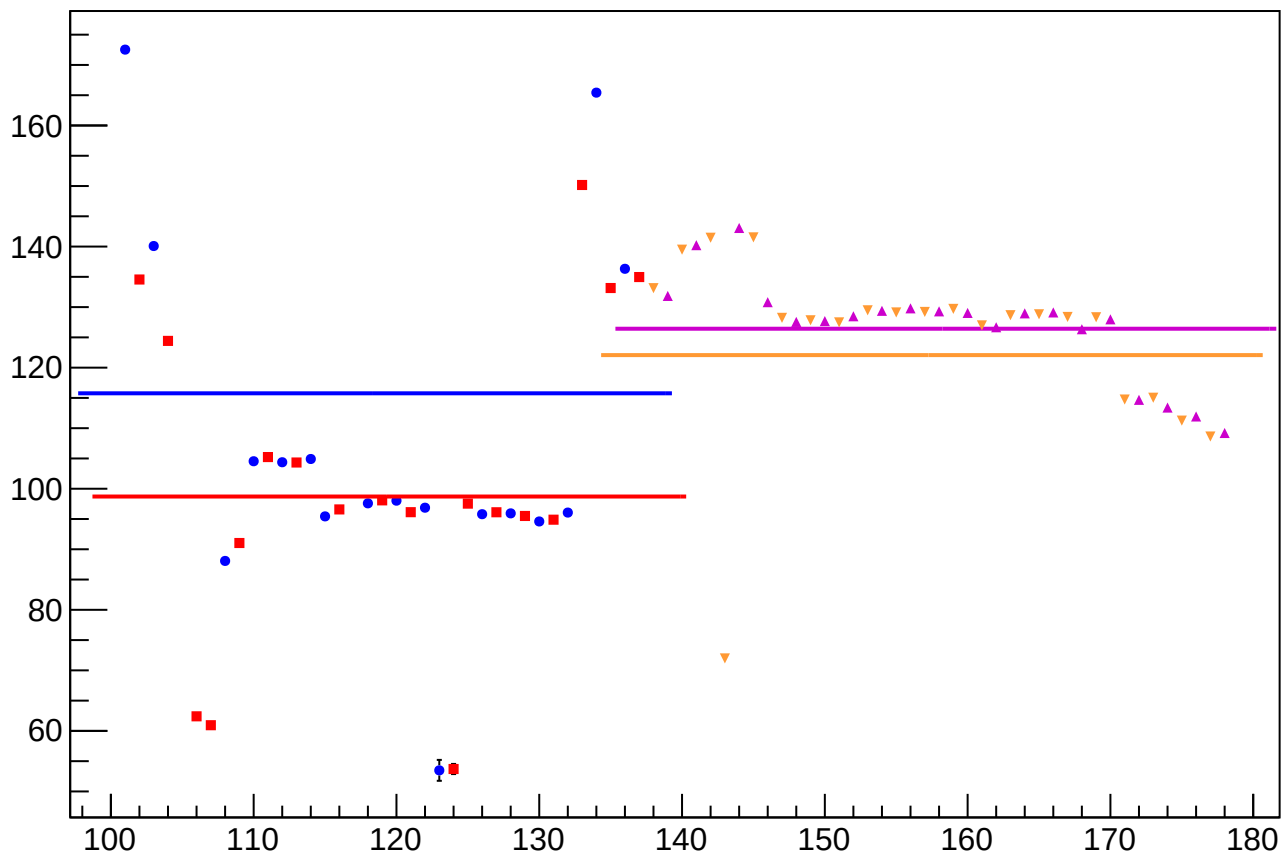
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -82.764 ± 0.745 χ^2/NDF : 1142.1/36

Out: -77.105 ± 0.709 χ^2/NDF : 1465.5/38

All: -79.796 ± 0.514 χ^2/NDF : 2637.9/75

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 124.217 $\pm$ 0.030 χ^2/NDF : 222692.6/40

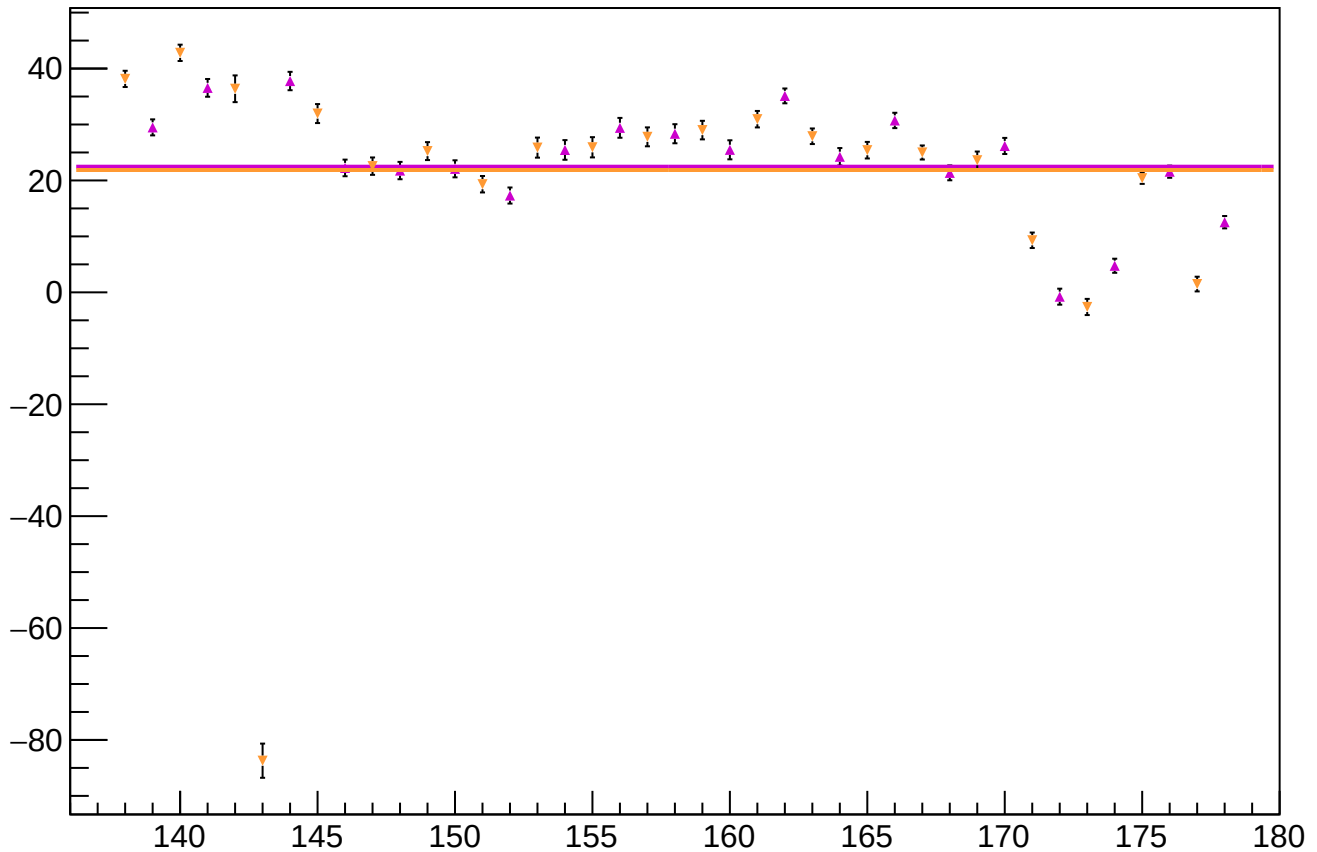
Right: 106.153 $\pm$ 0.052 χ^2/NDF : 303349.7/34

In: 124.022 $\pm$ 0.037 χ^2/NDF : 160629.1/36

Out: 115.826 $\pm$ 0.036 χ^2/NDF : 432241.8/38

All: 119.748 $\pm$ 0.026 χ^2/NDF : 618333.7/75

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.868+/-0.330 χ^2/NDF :2327.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.457+/-0.321 χ^2/NDF :915.4/19

Left: 22.170+/-0.230 χ^2/NDF : 3244.5/40

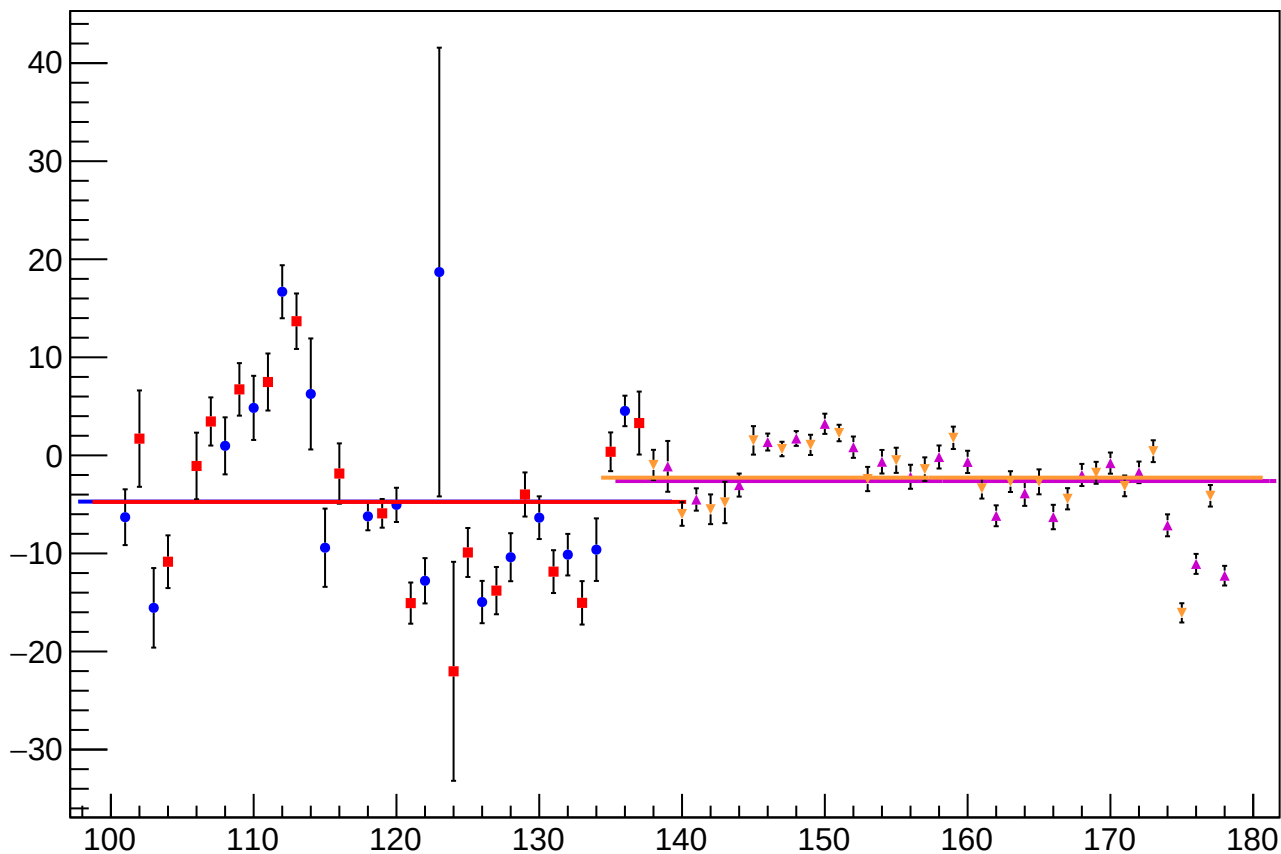
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.457+/-0.321 χ^2/NDF :915.4/19

Out: 21.868+/-0.330 χ^2/NDF :2327.5/20

All: 22.170+/-0.230 χ^2/NDF : 3244.5/40

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -2.273 ± 0.244 χ^2/NDF : 305.9/20

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -2.618 ± 0.244 χ^2/NDF : 311.9/19

Left: -2.445 ± 0.173 χ^2/NDF : 618.8/40

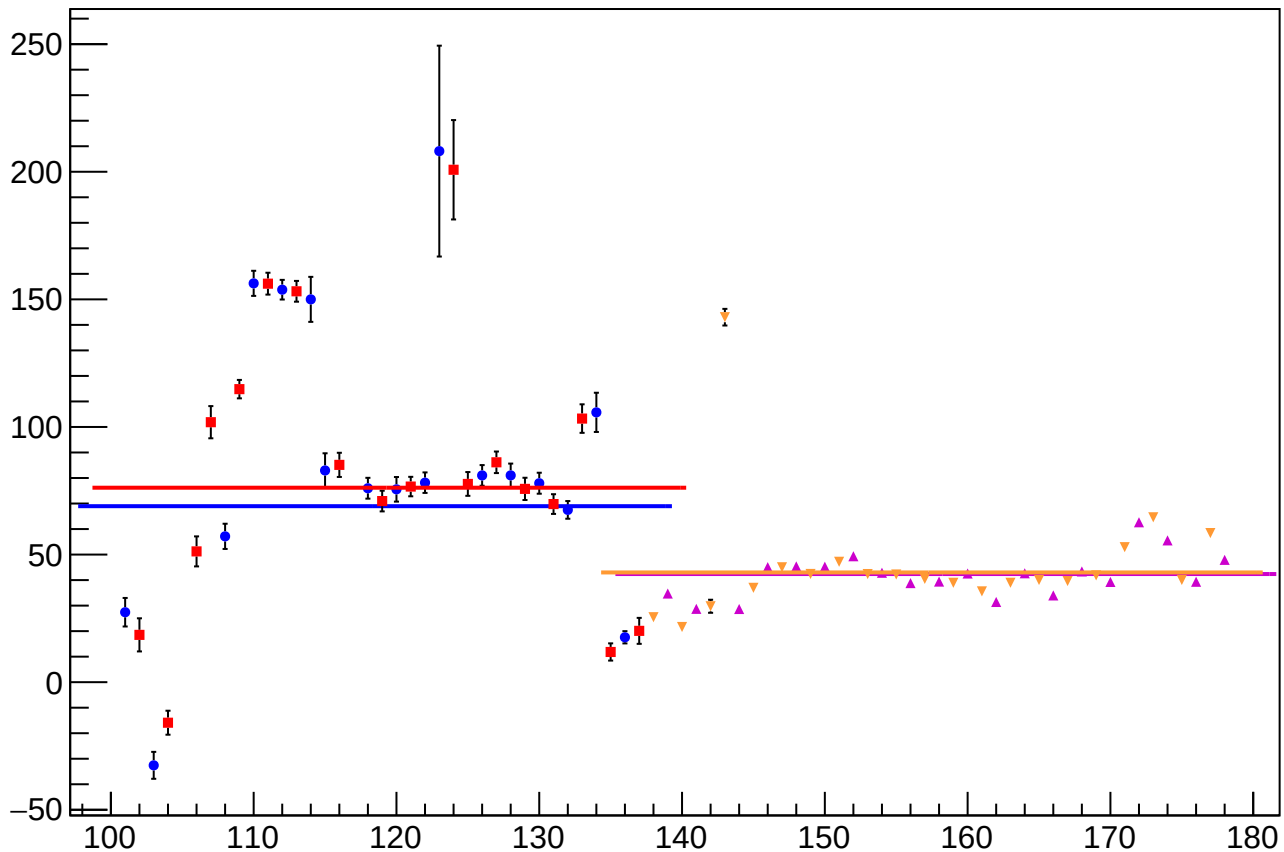
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -2.933 ± 0.225 χ^2/NDF : 497.7/36

Out: -2.639 ± 0.225 χ^2/NDF : 510.4/38

All: -2.786 ± 0.159 χ^2/NDF : 1008.9/75

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: 42.998 $\pm$ 0.326 χ^2/NDF : 1766.0/20

Right Out: 76.199 $\pm$ 1.071 χ^2/NDF : 1881.0/17

Left In: 42.373 $\pm$ 0.317 χ^2/NDF : 630.5/19

Left: 42.677 $\pm$ 0.227 χ^2/NDF : 2398.4/40

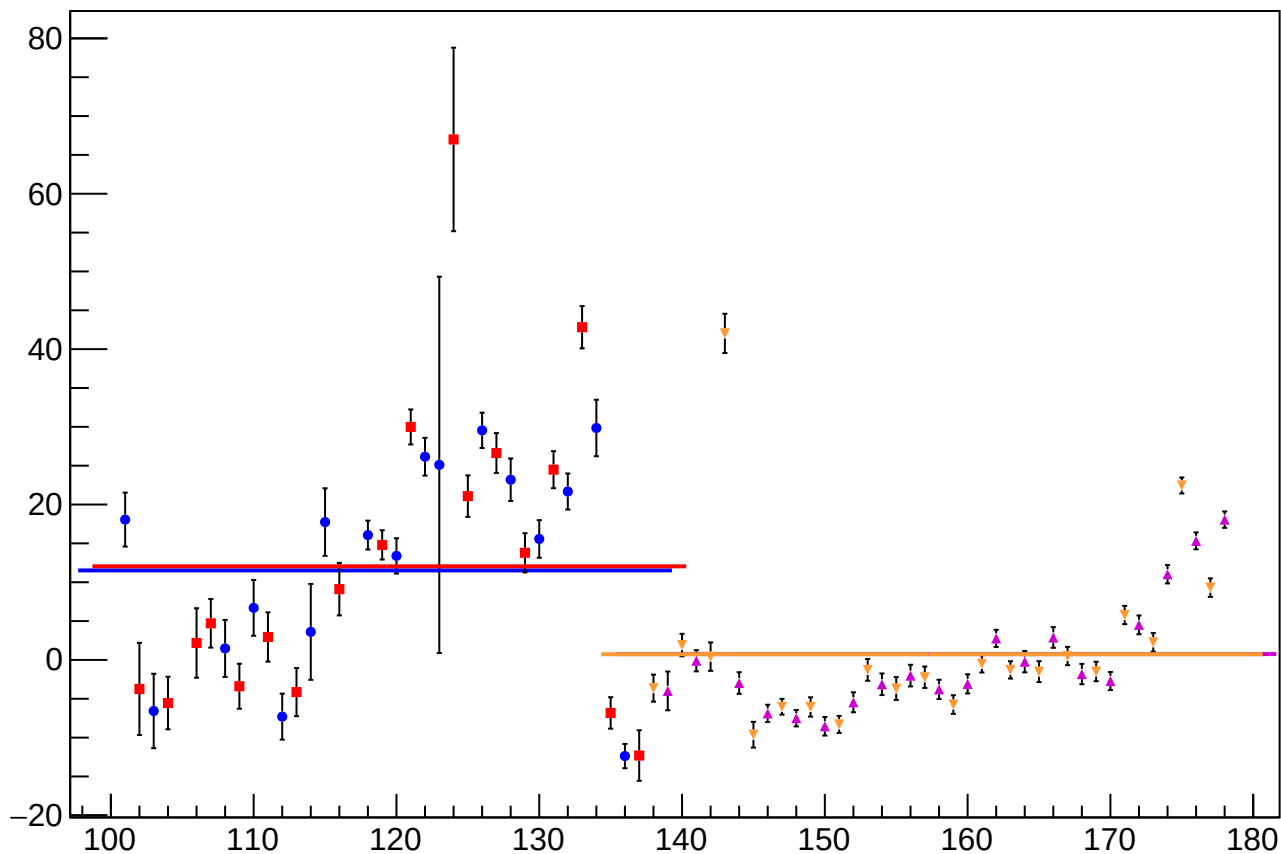
Right: 72.606 $\pm$ 0.760 χ^2/NDF : 3747.6/34

In: 44.492 $\pm$ 0.305 χ^2/NDF : 3033.3/36

Out: 45.815 $\pm$ 0.312 χ^2/NDF : 4526.5/38

All: 45.138 $\pm$ 0.218 χ^2/NDF : 7569.0/75

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: 0.734 ± 0.279 $\chi^2/\text{NDF}: 1029.8/20$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: 0.752 ± 0.278 $\chi^2/\text{NDF}: 789.5/19$

Left: 0.743 ± 0.197 $\chi^2/\text{NDF}: 1819.2/40$

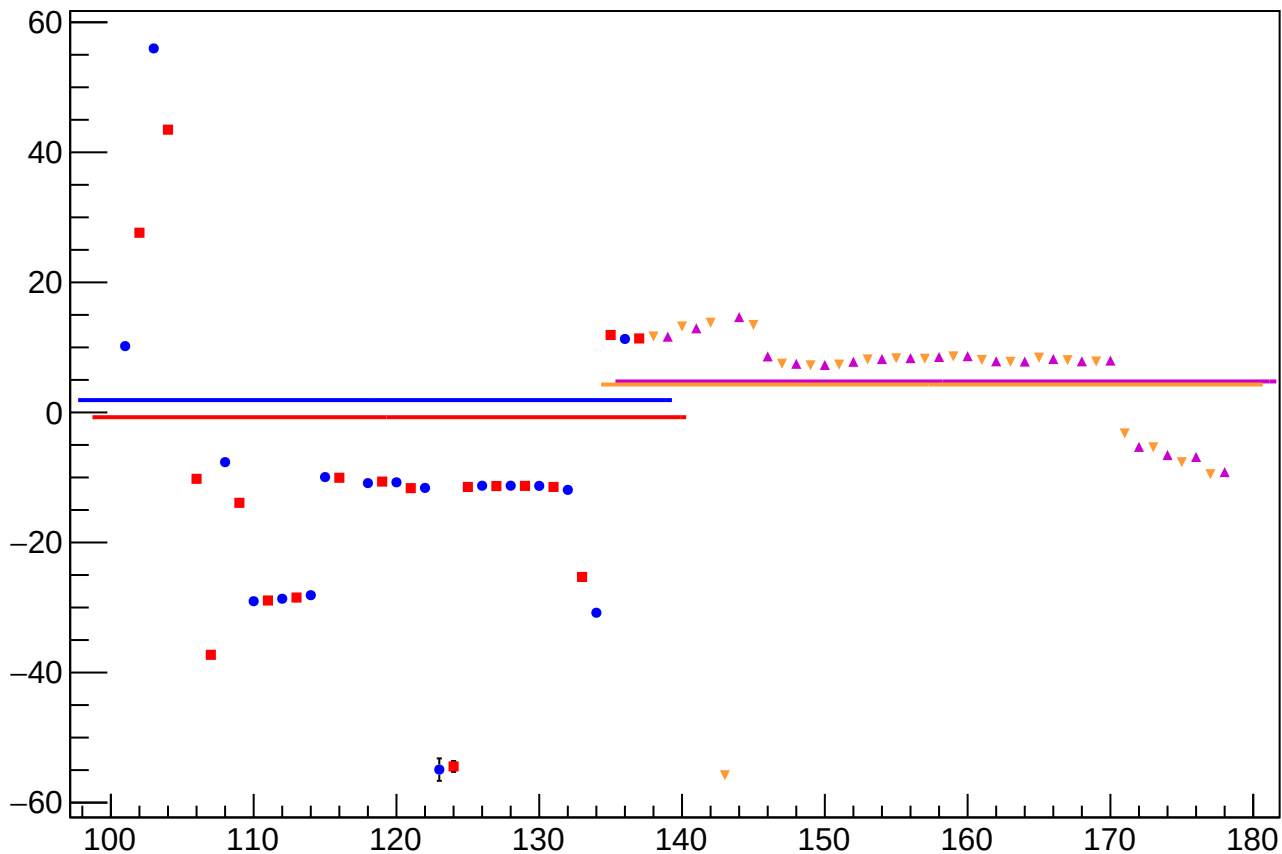
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 2.376 ± 0.256 $\chi^2/\text{NDF}: 1492.9/36$

Out: 2.428 ± 0.257 $\chi^2/\text{NDF}: 1814.9/38$

All: 2.402 ± 0.181 $\chi^2/\text{NDF}: 3307.8/75$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 4.295 $\pm$ 0.013 χ^2 /NDF:506911.7/20

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 4.765 $\pm$ 0.013 χ^2 /NDF:314846.2/19

Left: 4.536 $\pm$ 0.009 χ^2 /NDF: 822441.5/40

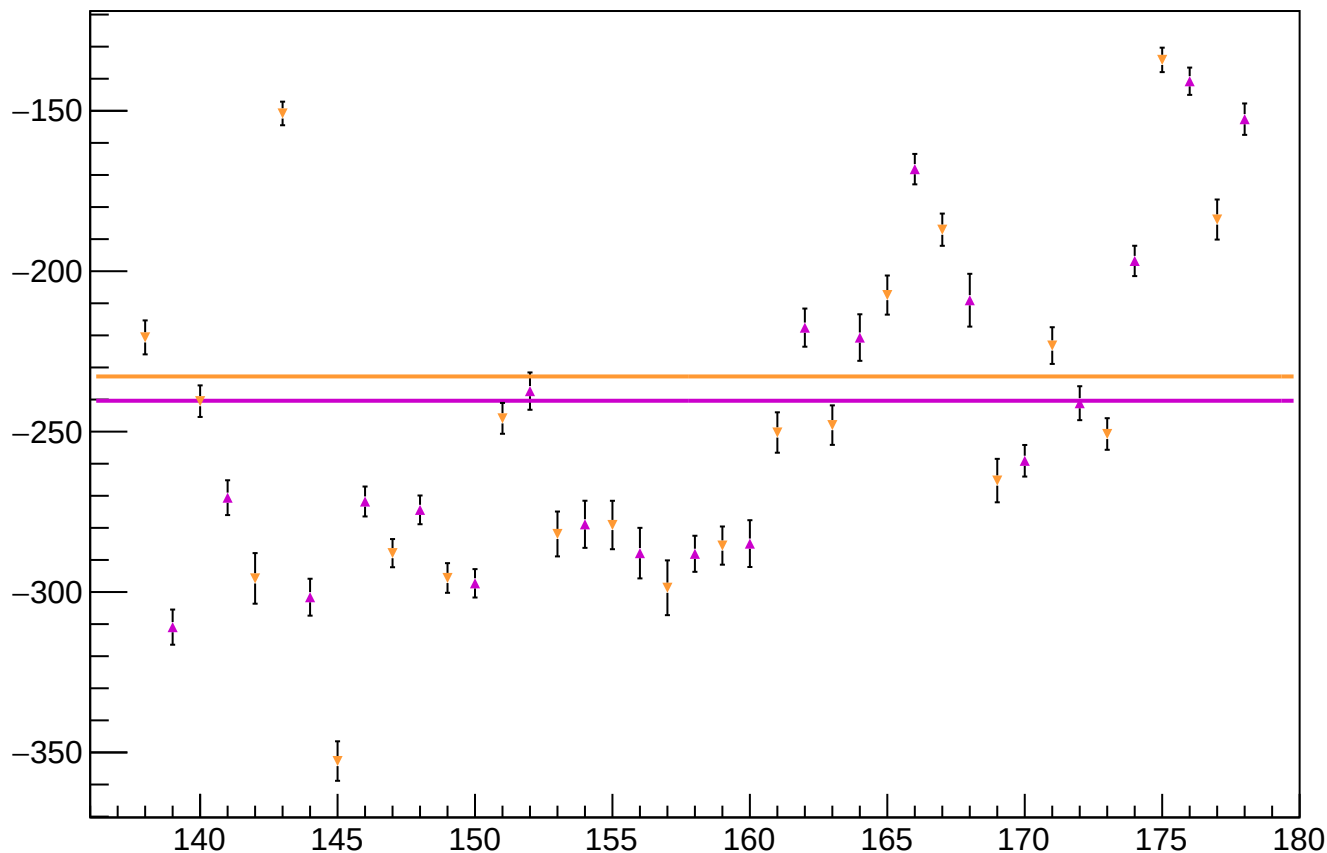
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 4.469 $\pm$ 0.012 χ^2 /NDF:679081.8/36

Out: 3.756 $\pm$ 0.012 χ^2 /NDF:883229.6/38

All: 4.120 $\pm$ 0.009 χ^2 /NDF: 1564069.9/75

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: -232.802+/-1.177 χ^2/NDF :2407.0/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -240.376+/-1.209 χ^2/NDF :1988.6/19

Left: -236.489+/-0.843 χ^2/NDF : 4415.7/40

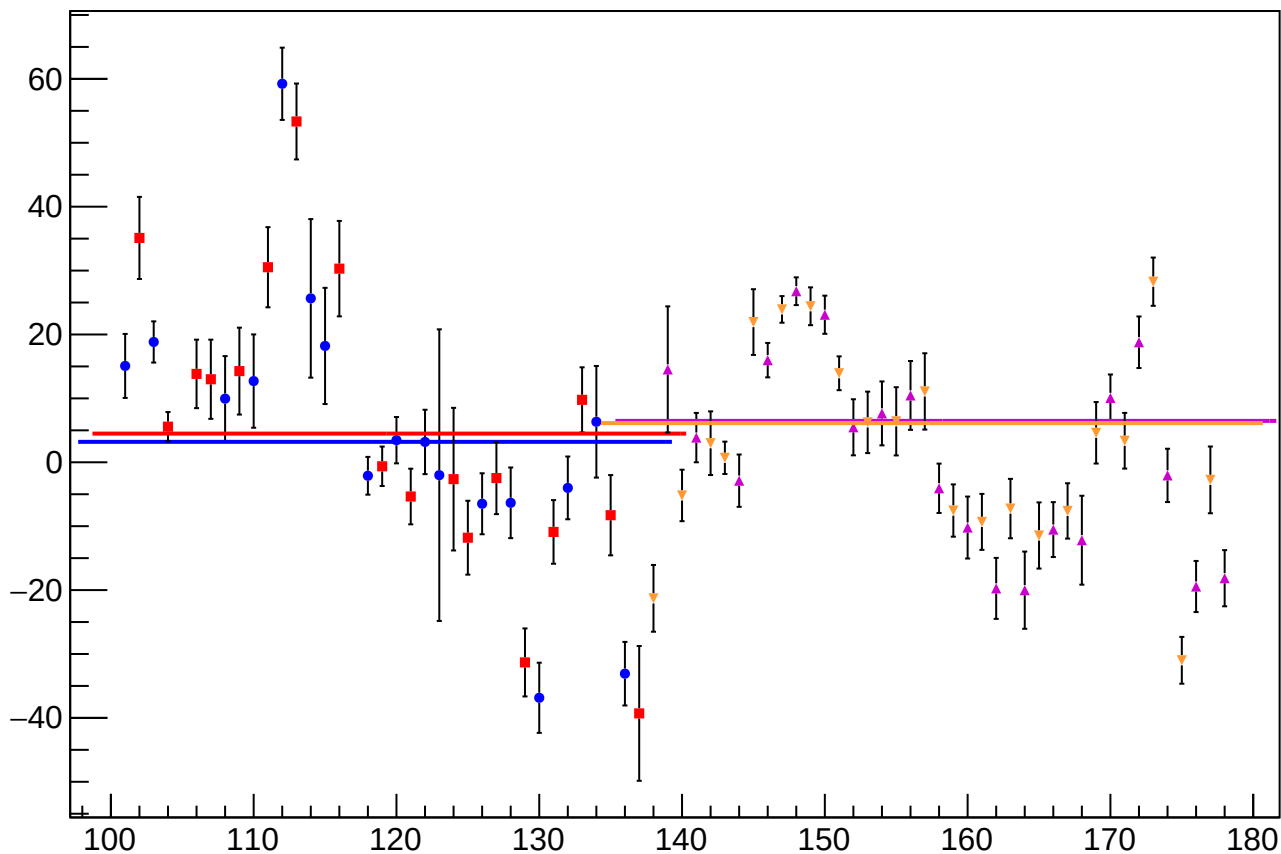
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -240.376+/-1.209 χ^2/NDF :1988.6/19

Out: -232.802+/-1.177 χ^2/NDF :2407.0/20

All: -236.489+/-0.843 χ^2/NDF : 4415.7/40

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 6.131 ± 0.830 χ^2/NDF : 364.4/20

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 6.479 ± 0.881 χ^2/NDF : 317.3/19

Left: 6.294 ± 0.604 χ^2/NDF : 681.8/40

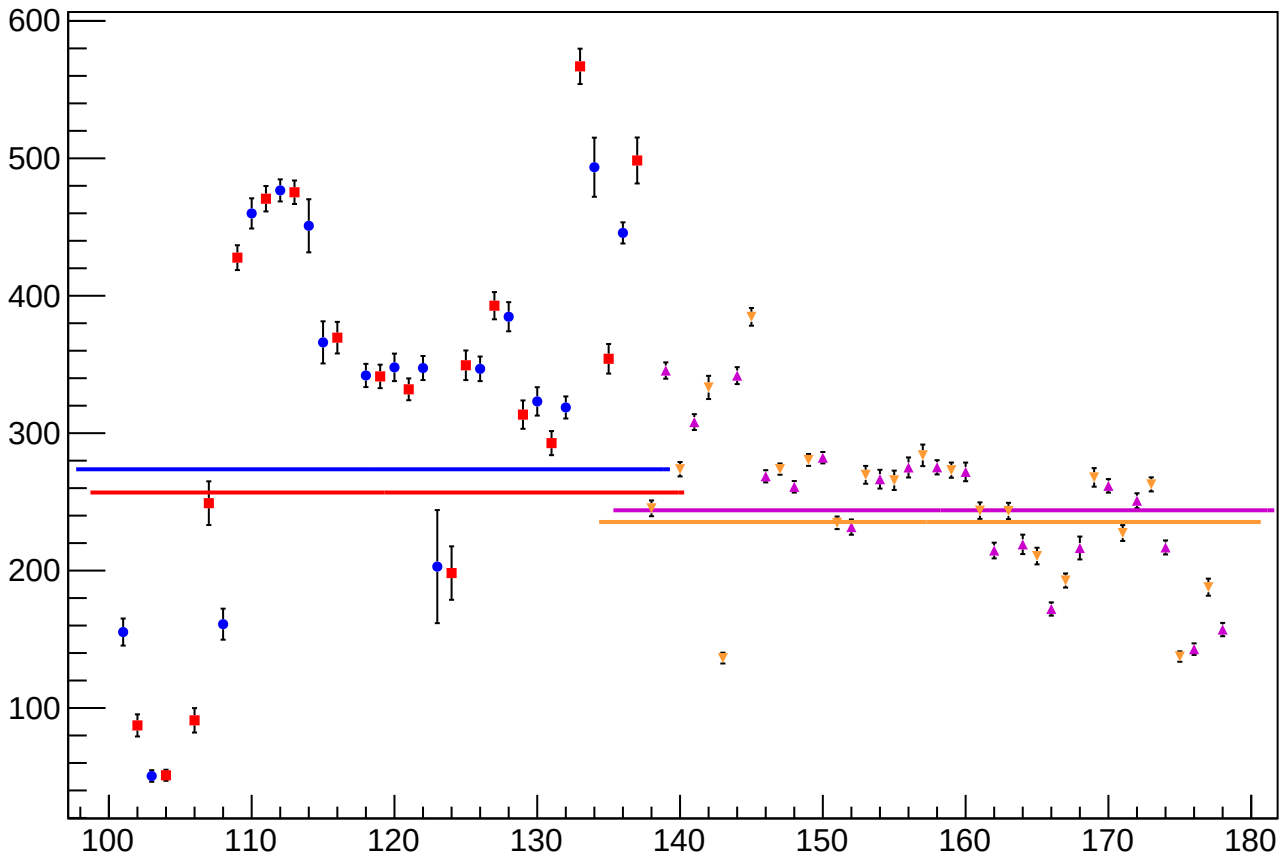
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 5.364 ± 0.716 χ^2/NDF : 577.2/36

Out: 5.574 ± 0.675 χ^2/NDF : 587.5/38

All: 5.475 ± 0.491 χ^2/NDF : 1164.7/75

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 235.383 $\pm$ 1.171 χ^2 /NDF:2556.4/20

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 243.880 $\pm$ 1.194 χ^2 /NDF:2099.3/19

Left: 239.549 $\pm$ 0.836 χ^2 /NDF: 4681.5/40

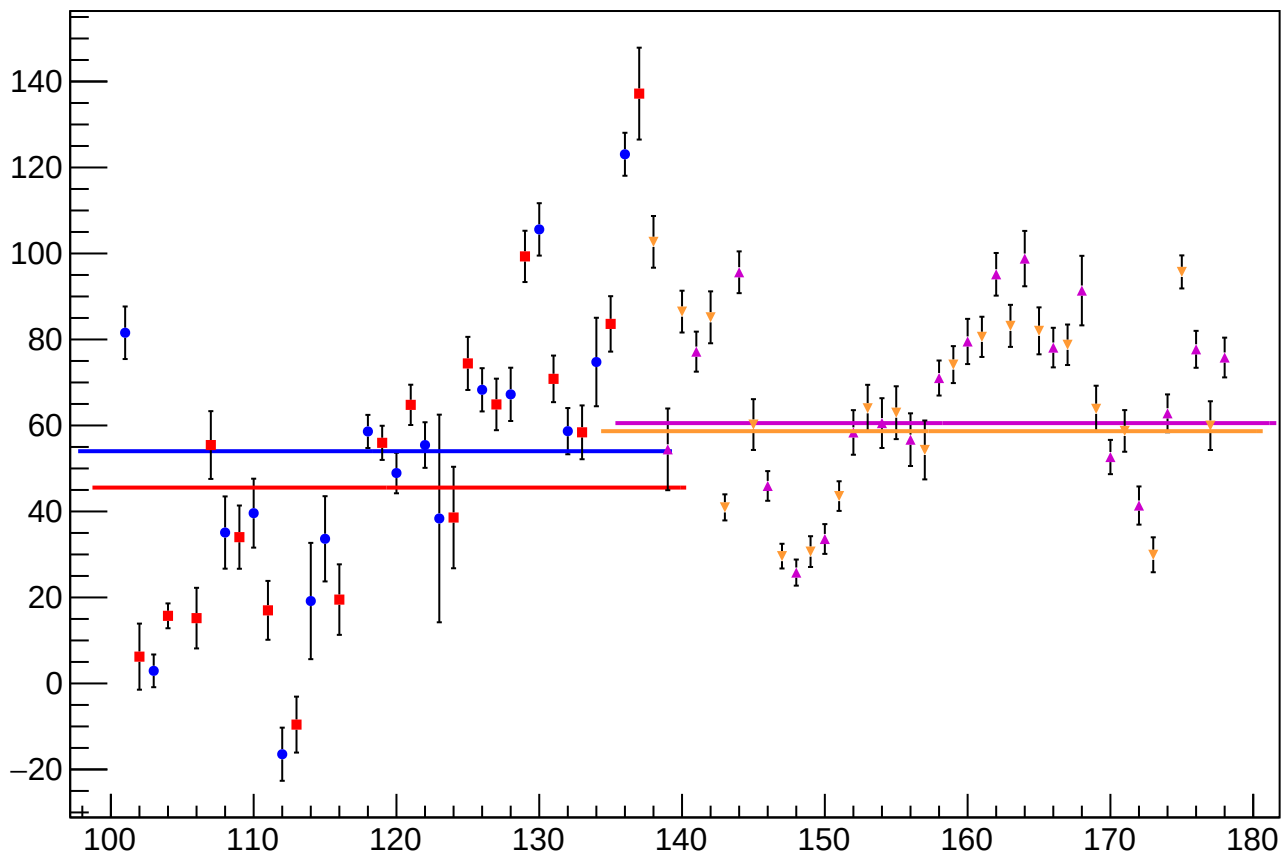
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 250.694 $\pm$ 1.049 χ^2 /NDF:7345.2/36

Out: 240.529 $\pm$ 1.021 χ^2 /NDF:9048.7/38

All: 245.474 $\pm$ 0.731 χ^2 /NDF: 16442.1/75

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 58.671 $\pm$ 0.973 χ^2 /NDF: 564.8/20

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 60.548 $\pm$ 1.021 χ^2 /NDF: 457.9/19

Left: 59.564 $\pm$ 0.704 χ^2 /NDF: 1024.4/40

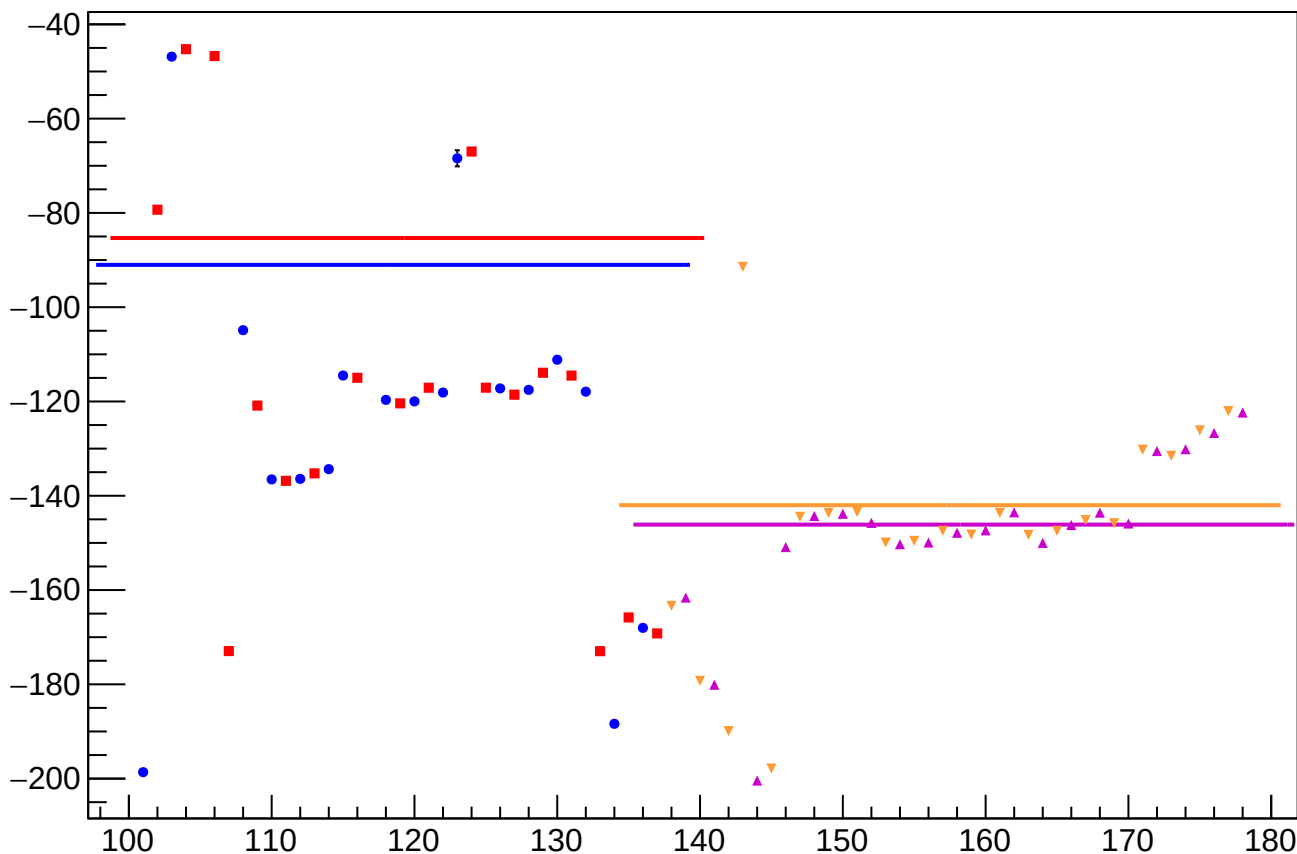
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 58.328 $\pm$ 0.830 χ^2 /NDF: 1104.6/36

Out: 54.223 $\pm$ 0.791 χ^2 /NDF: 1153.1/38

All: 56.178 $\pm$ 0.572 χ^2 /NDF: 2270.5/75

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -142.001 $\pm$ 0.047 χ^2 /NDF:231792.8/20

Right Out: -85.325 $\pm$ 0.065 χ^2 /NDF: 483106.3/17

Left In: -146.122 $\pm$ 0.048 χ^2 /NDF:104054.0/19

Left: -144.031 $\pm$ 0.034 χ^2 /NDF: 339606.9/40

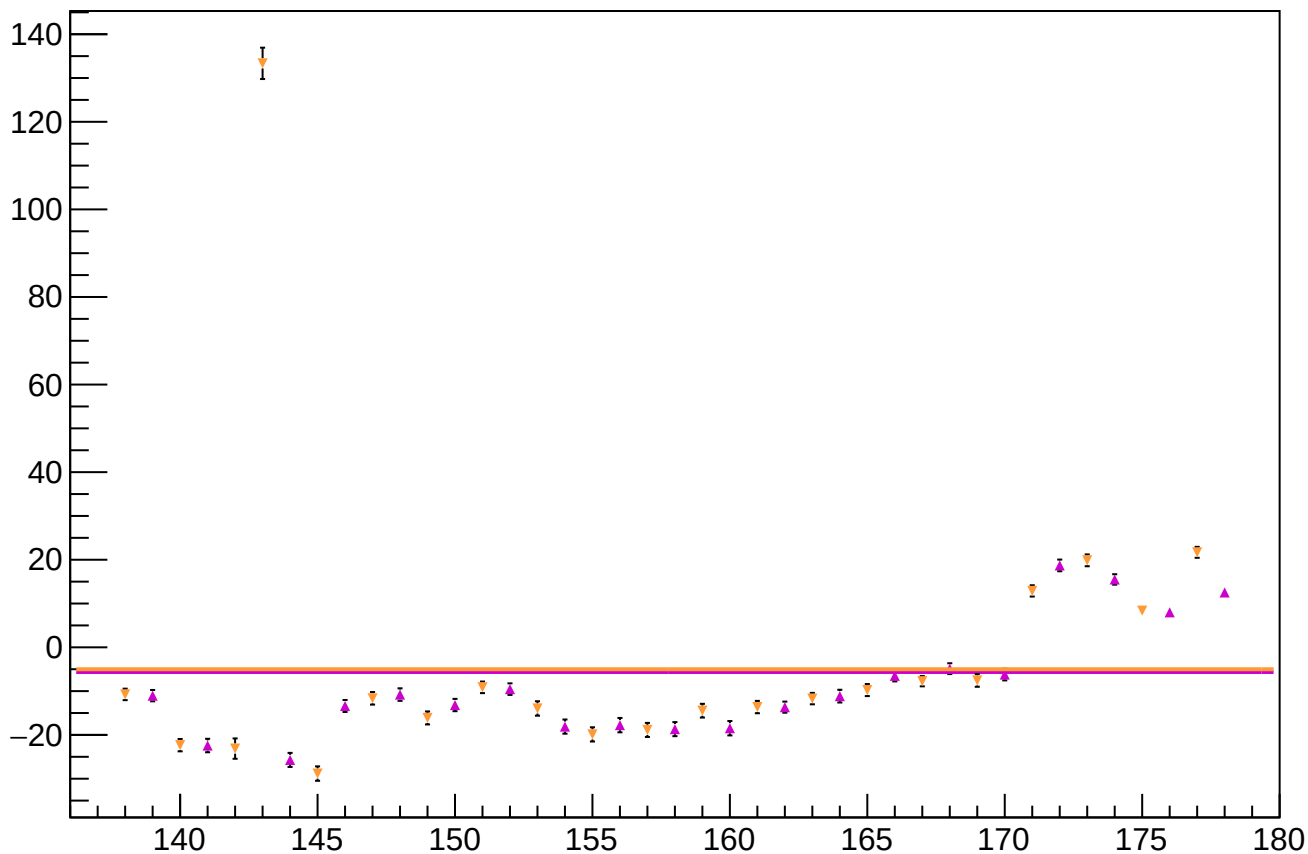
Right: -88.069 $\pm$ 0.047 χ^2 /NDF: 1021045.4/34

In: -127.713 $\pm$ 0.039 χ^2 /NDF:1080967.2/36

Out: -122.515 $\pm$ 0.038 χ^2 /NDF:1211298.0/38

All: -125.057 $\pm$ 0.027 χ^2 /NDF: 2301315.0/75

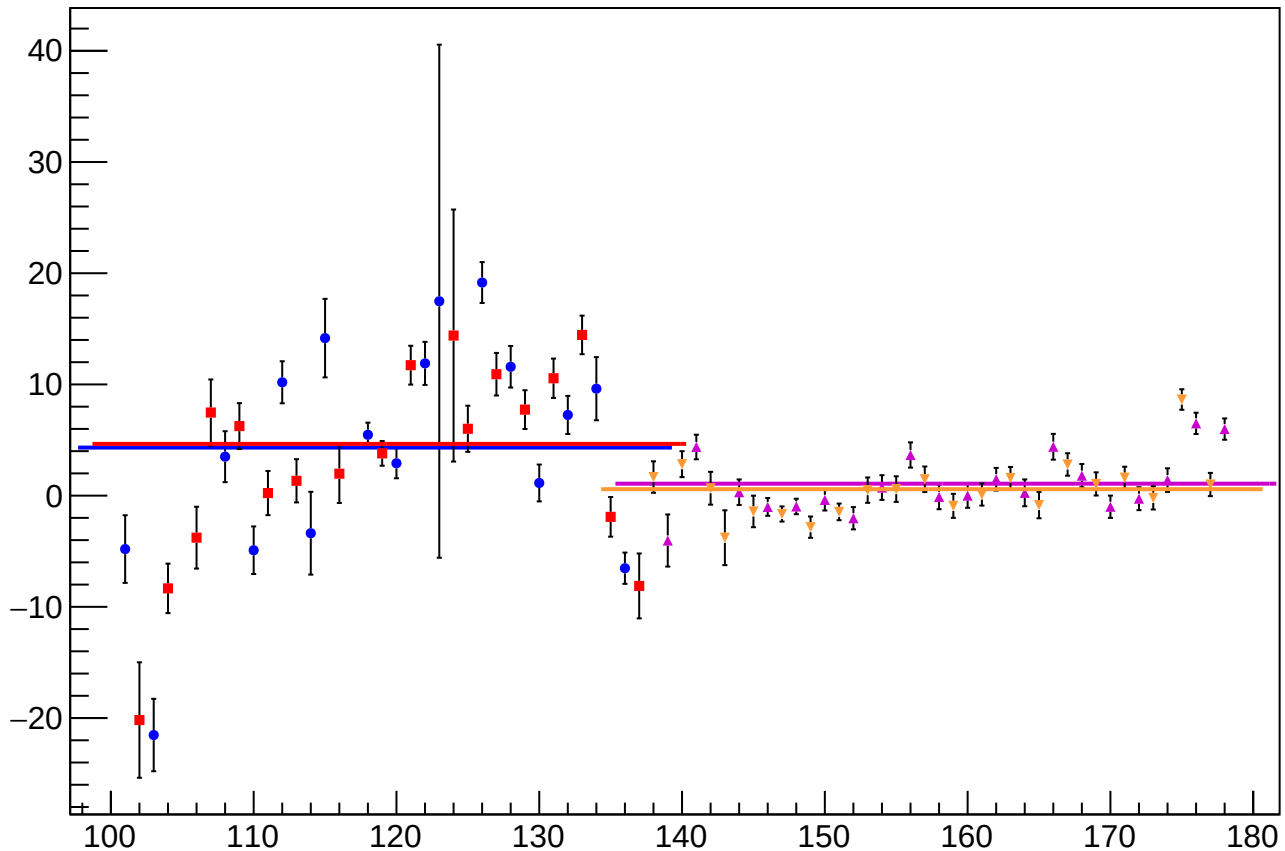
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.626+/-0.301 χ^2/NDF :1790.5/19

Left: -5.327+/-0.216 χ^2/NDF : 5300.9/40
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.626+/-0.301 χ^2/NDF :1790.5/19
 Out: -5.011+/-0.309 χ^2/NDF :3508.4/20
 All: -5.327+/-0.216 χ^2/NDF : 5300.9/40

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.579 ± 0.228 χ^2/NDF : 128.5/20

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 1.075 ± 0.229 χ^2/NDF : 122.7/19

Left: 0.826 ± 0.162 χ^2/NDF : 253.6/40

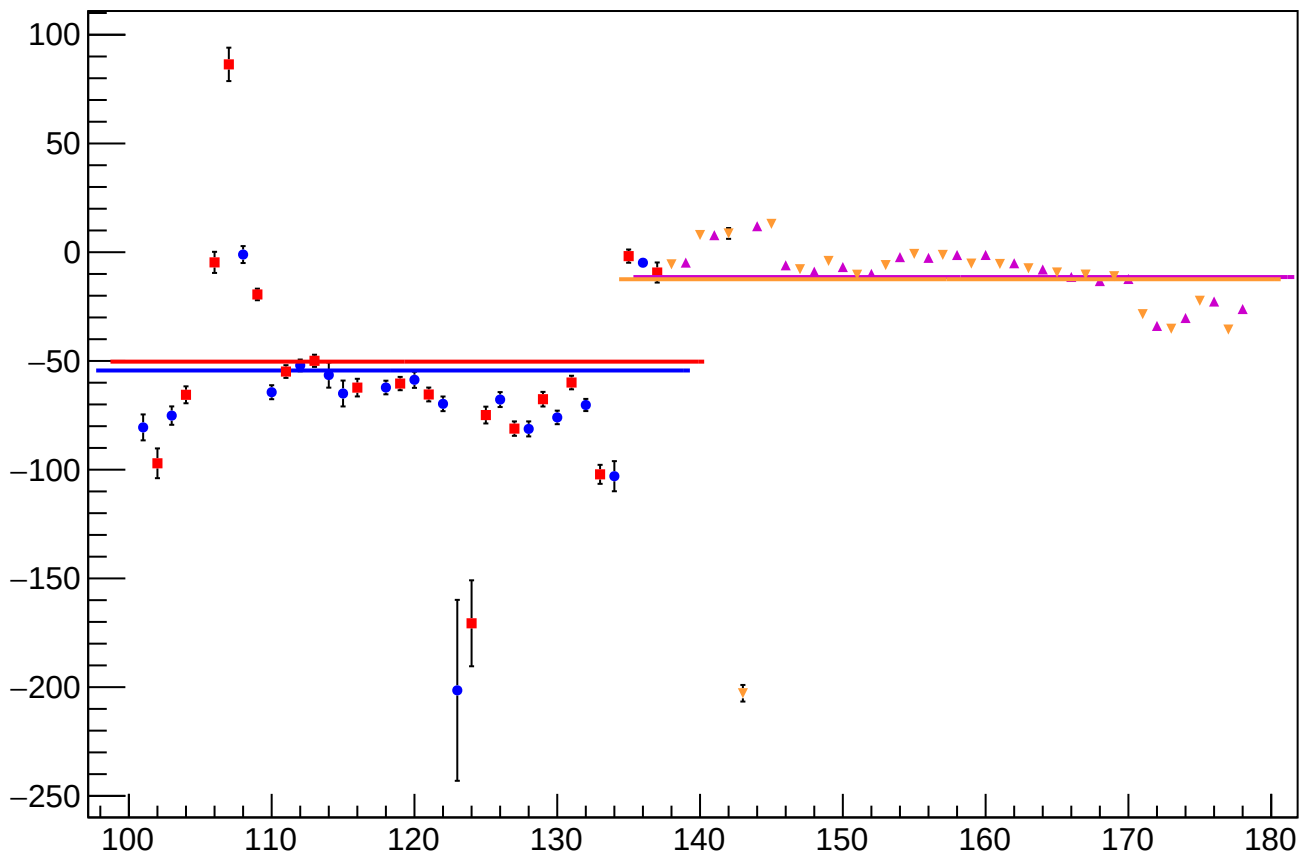
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.709 ± 0.206 χ^2/NDF : 442.2/36

Out: 1.346 ± 0.206 χ^2/NDF : 372.9/38

All: 1.528 ± 0.145 χ^2/NDF : 816.7/75

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: -12.427 ± 0.306 $\chi^2/\text{NDF}: 4110.4/20$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -11.419 ± 0.298 $\chi^2/\text{NDF}: 1380.7/19$

Left: -11.910 ± 0.213 $\chi^2/\text{NDF}: 5496.7/40$

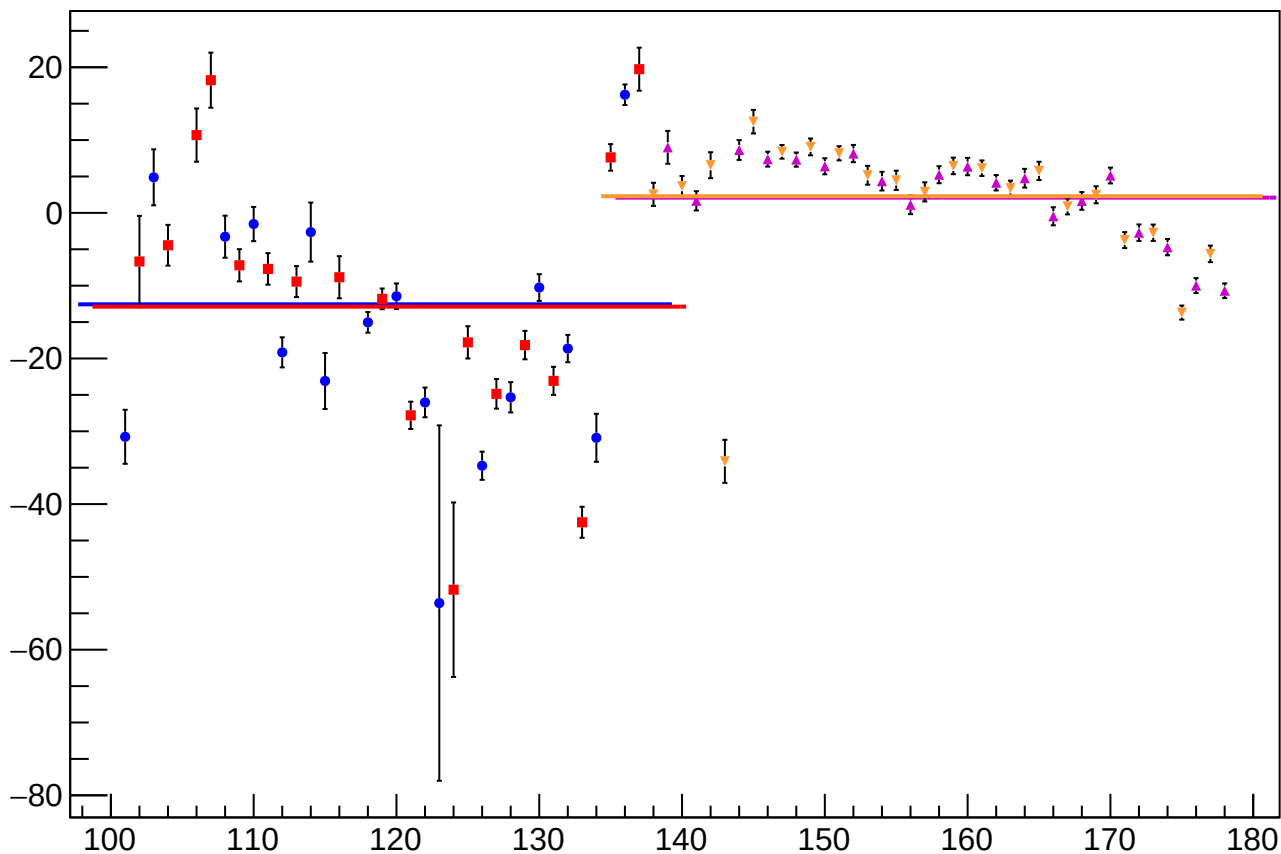
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -15.971 ± 0.281 $\chi^2/\text{NDF}: 4603.4/36$

Out: -16.689 ± 0.288 $\chi^2/\text{NDF}: 7159.2/38$

All: -16.322 ± 0.201 $\chi^2/\text{NDF}: 11765.8/75$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 2.290 ± 0.261 χ^2/NDF : 728.6/20

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 2.092 ± 0.261 χ^2/NDF : 527.8/19

Left: 2.191 ± 0.185 χ^2/NDF : 1256.6/40

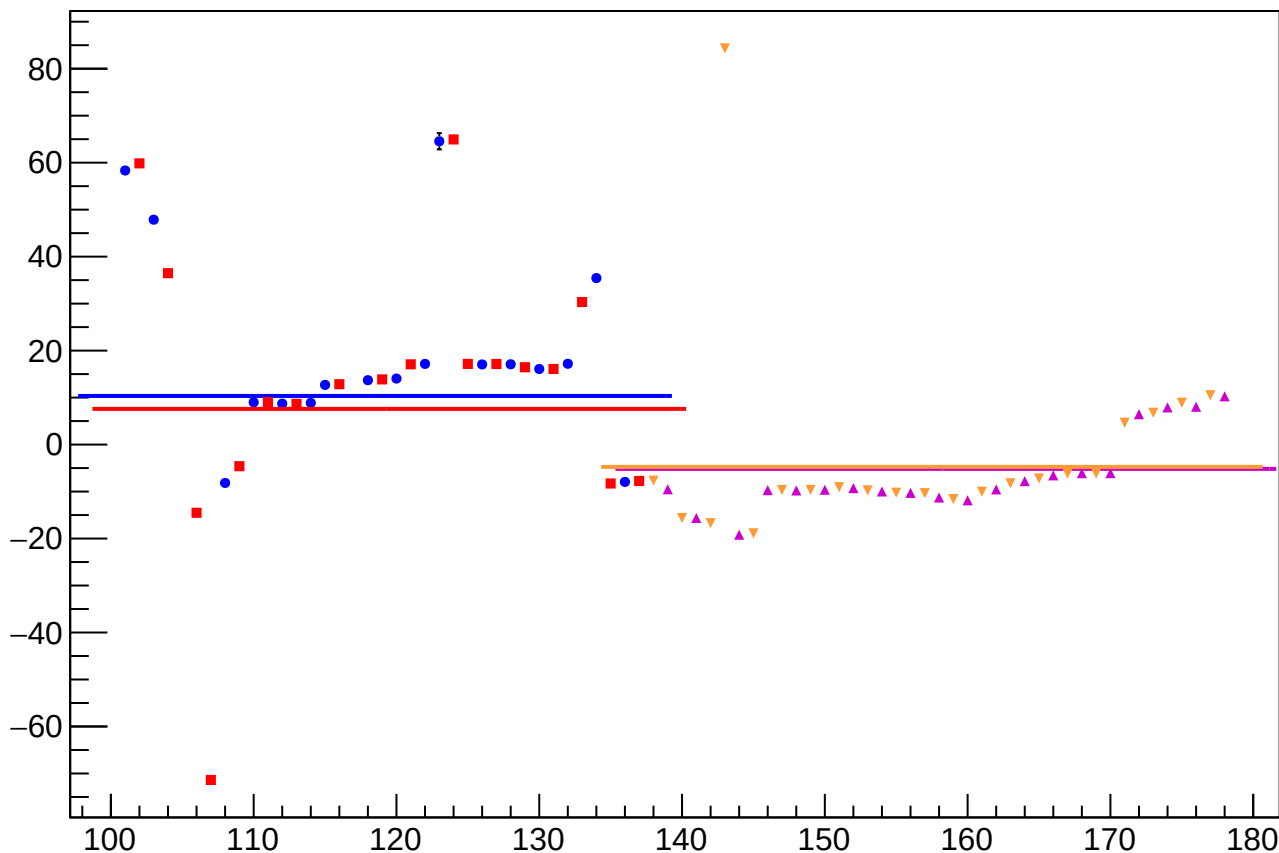
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.756 ± 0.234 χ^2/NDF : 1919.7/36

Out: -0.605 ± 0.235 χ^2/NDF : 2098.0/38

All: -0.680 ± 0.166 χ^2/NDF : 4017.9/75

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -4.748 $\pm$ 0.012 χ^2 /NDF: 792545.1/20

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -5.173 $\pm$ 0.012 χ^2 /NDF: 474504.0/19

Left: -4.966 $\pm$ 0.008 χ^2 /NDF: 1267683.5/40

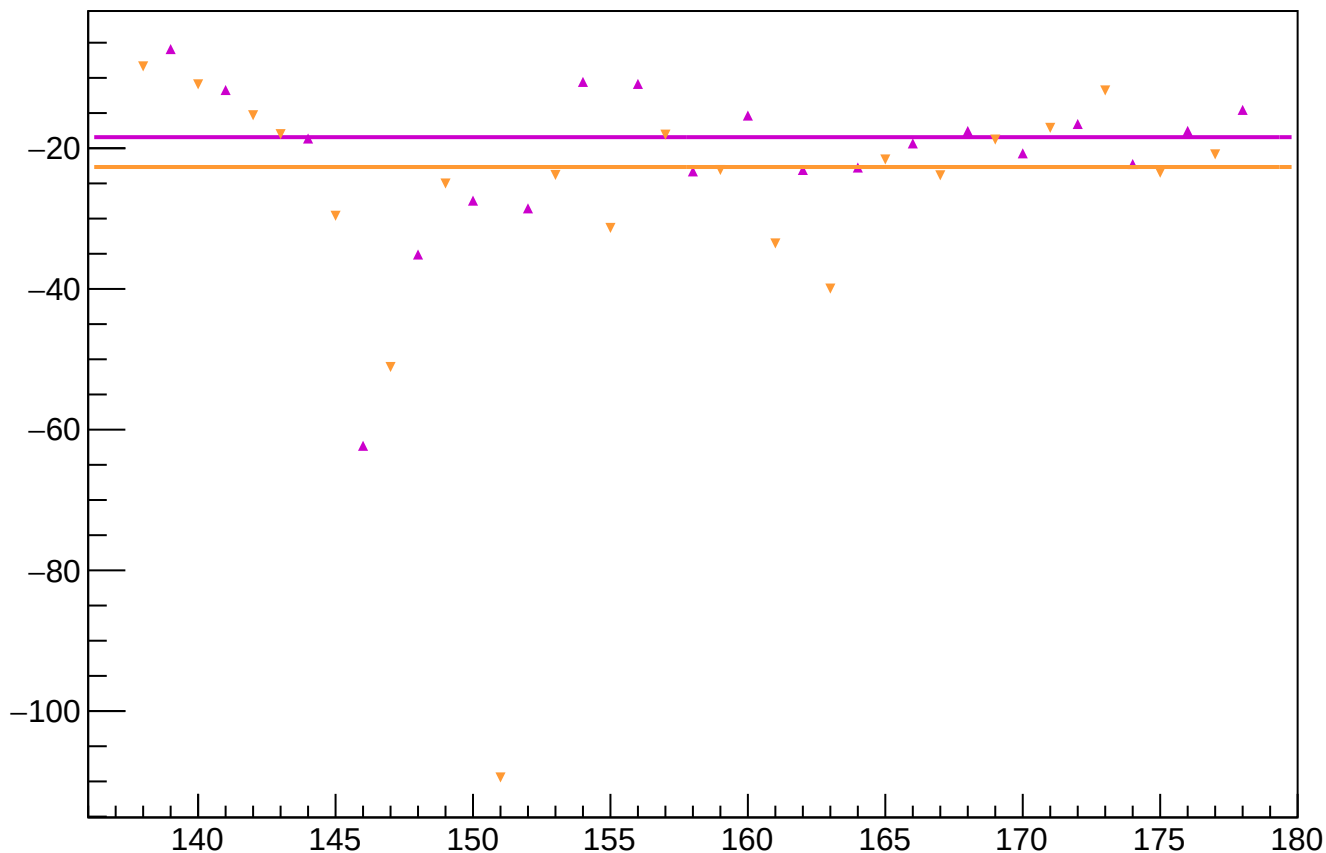
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -3.171 $\pm$ 0.011 χ^2 /NDF: 1079813.4/36

Out: -3.154 $\pm$ 0.011 χ^2 /NDF: 1466662.3/38

All: -3.163 $\pm$ 0.008 χ^2 /NDF: 2546476.8/75

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.426+/-0.043 χ^2/NDF : 39313.1/19

Left: -20.291+/-0.032 χ^2/NDF : 106118.9/40

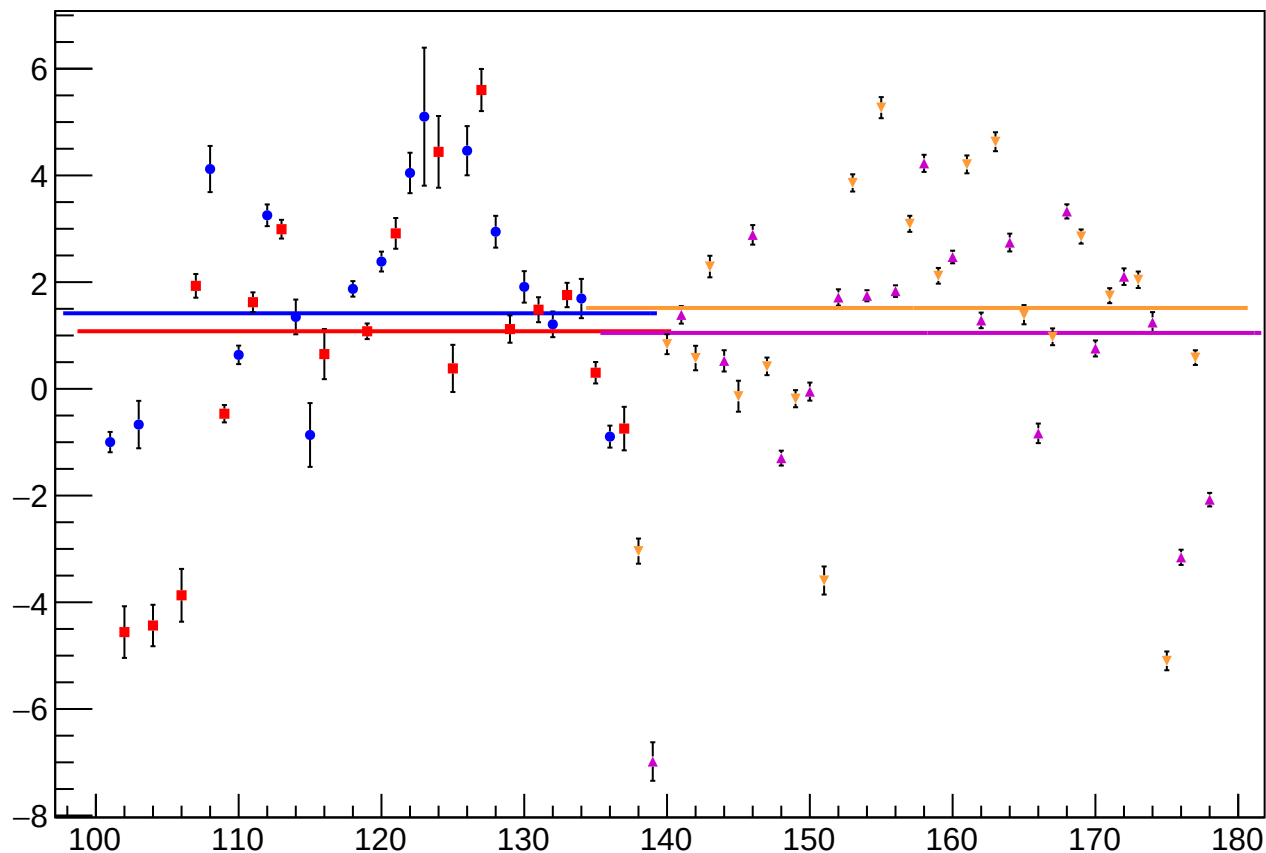
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.426+/-0.043 χ^2/NDF : 39313.1/19

Out: -22.669+/-0.049 χ^2/NDF : 62597.6/20

All: -20.291+/-0.032 χ^2/NDF : 106118.9/40

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.516 $\pm$ 0.037 χ^2 /NDF:3834.5/20

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.048 $\pm$ 0.033 χ^2 /NDF:3609.5/19

Left: 1.255 $\pm$ 0.025 χ^2 /NDF: 7532.0/40

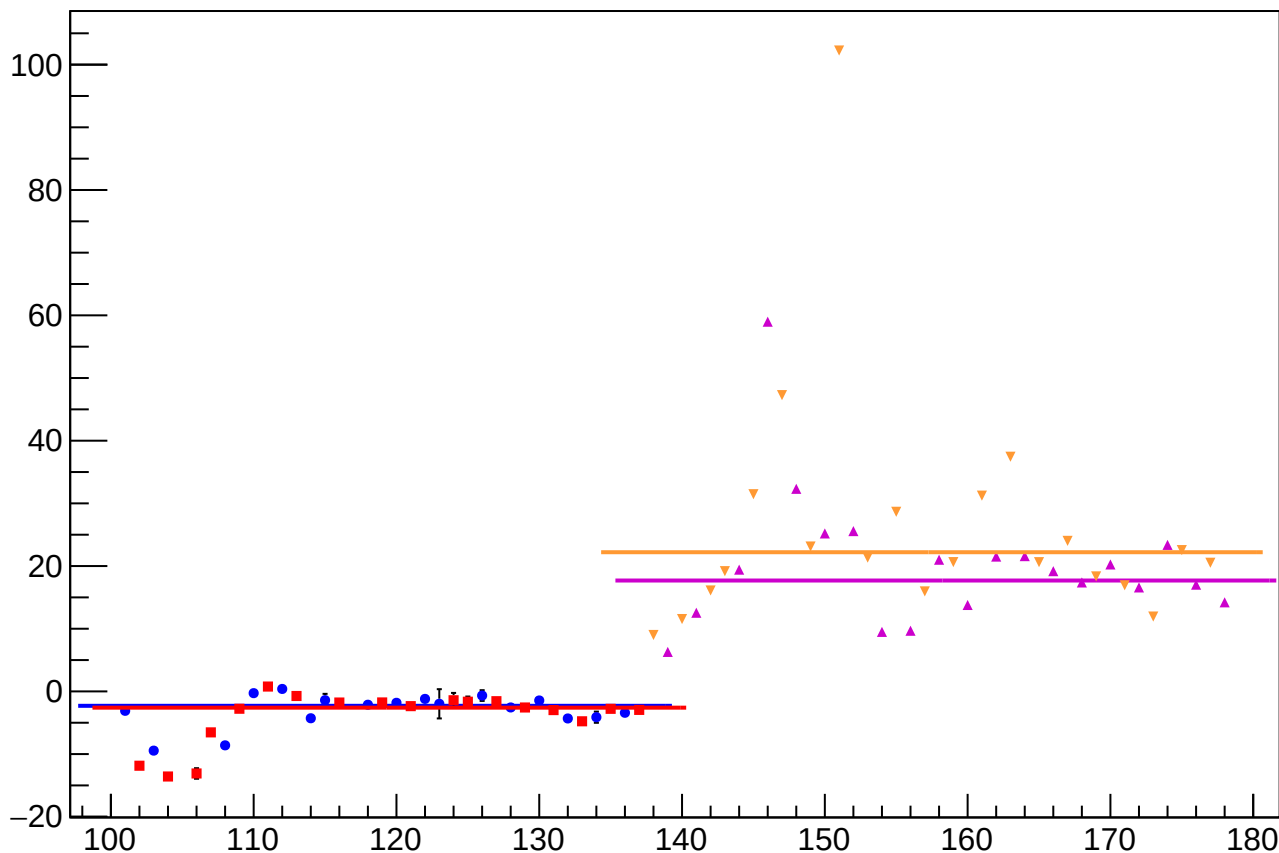
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.132 $\pm$ 0.029 χ^2 /NDF:4268.7/36

Out: 1.389 $\pm$ 0.031 χ^2 /NDF:4790.6/38

All: 1.251 $\pm$ 0.021 χ^2 /NDF: 9095.3/75

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.207 ± 0.049 χ^2/NDF : 55766.8/20

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.691 ± 0.043 χ^2/NDF : 37189.7/19

Left: 19.652 ± 0.032 χ^2/NDF : 97849.0/40

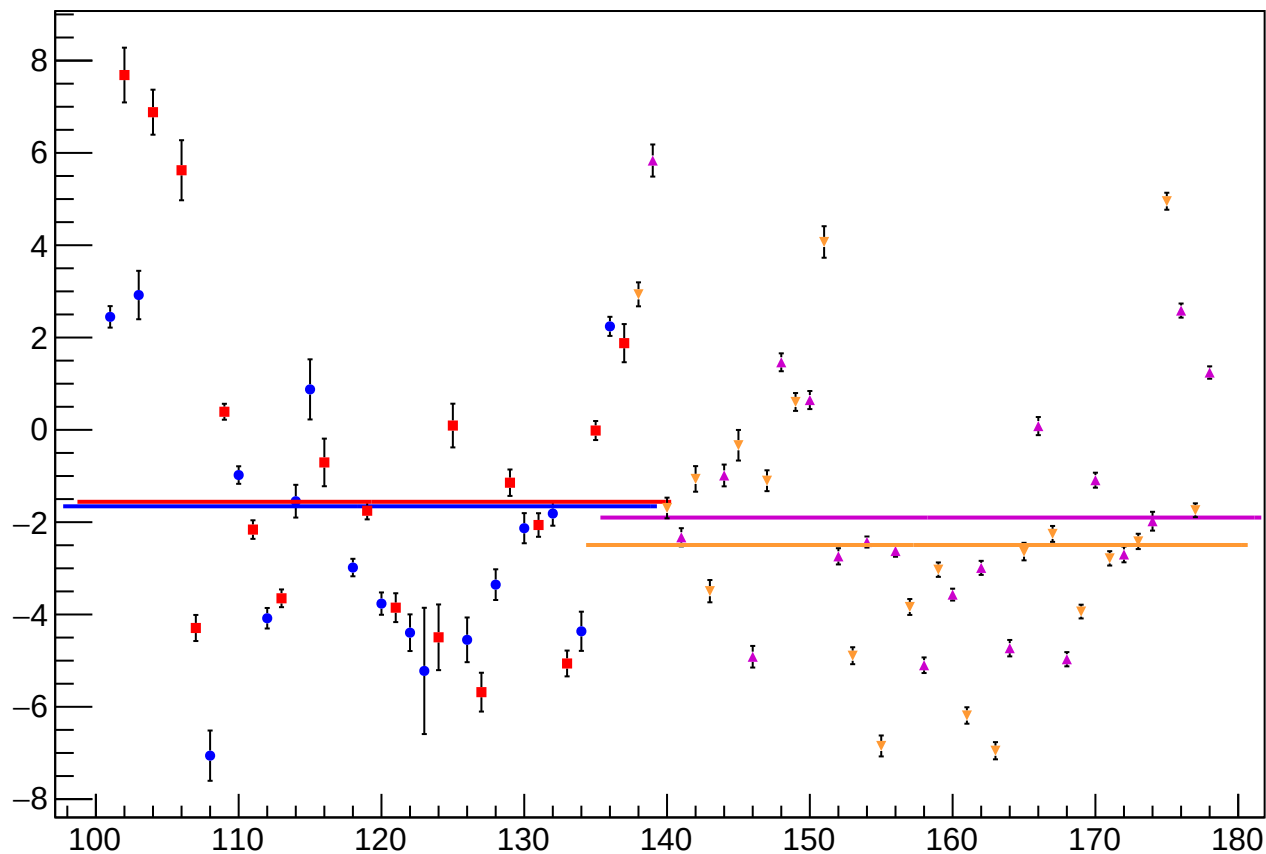
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 15.125 ± 0.040 χ^2/NDF : 65983.0/36

Out: 17.418 ± 0.044 χ^2/NDF : 107020.5/38

All: 16.164 ± 0.029 χ^2/NDF : 174515.4/75

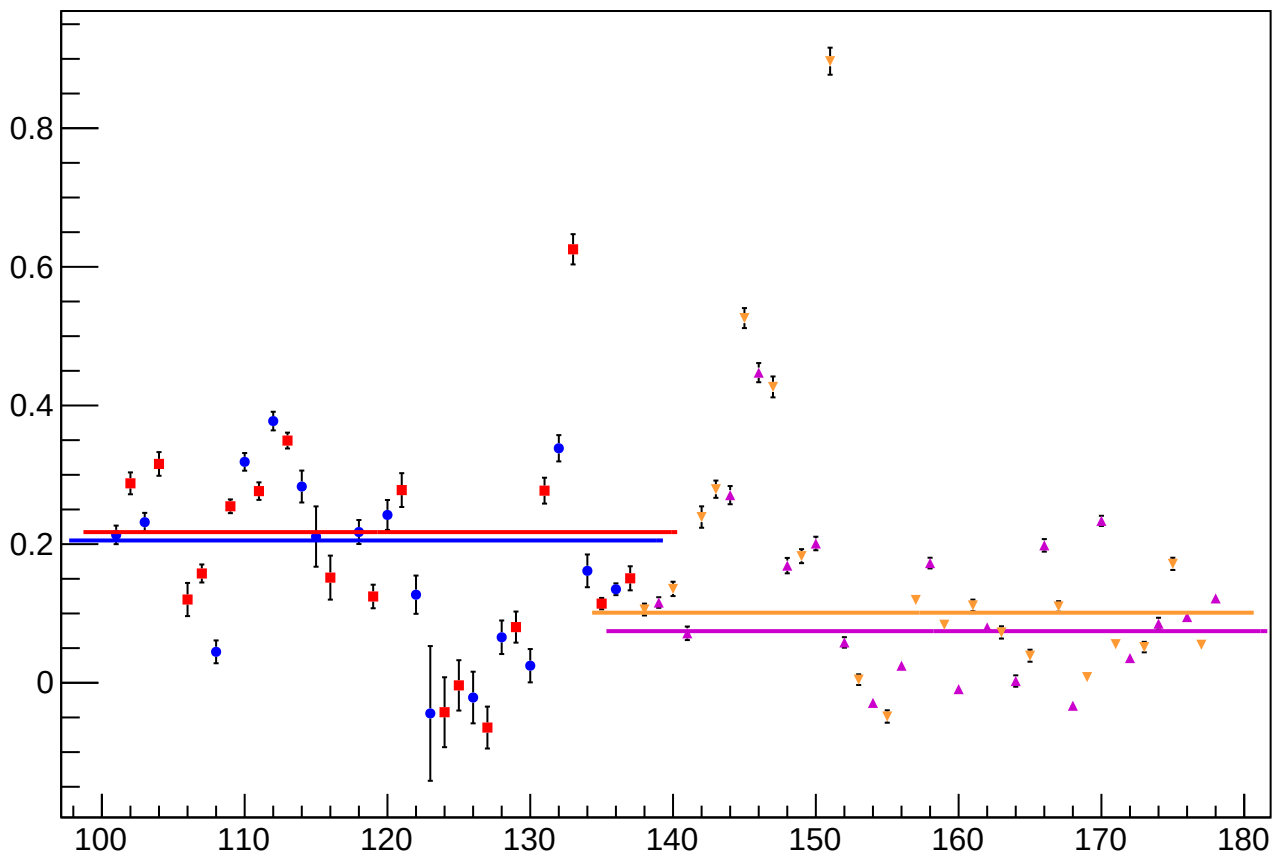
reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16
 Left Out: -2.494 ± 0.042 χ^2/NDF : 4577.8/20
 Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17
 Left In: -1.900 ± 0.037 χ^2/NDF : 4014.5/19

Left: -2.162 ± 0.028 χ^2/NDF : 8705.1/40
 Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34
 In: -1.847 ± 0.033 χ^2/NDF : 5295.0/36
 Out: -2.225 ± 0.035 χ^2/NDF : 6206.9/38
 All: -2.022 ± 0.024 χ^2/NDF : 11563.2/75

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: 0.101 $\pm$ 0.002 χ^2 /NDF:4264.5/20

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.075 $\pm$ 0.002 χ^2 /NDF:3281.3/19

Left: 0.086 $\pm$ 0.001 χ^2 /NDF: 7661.2/40

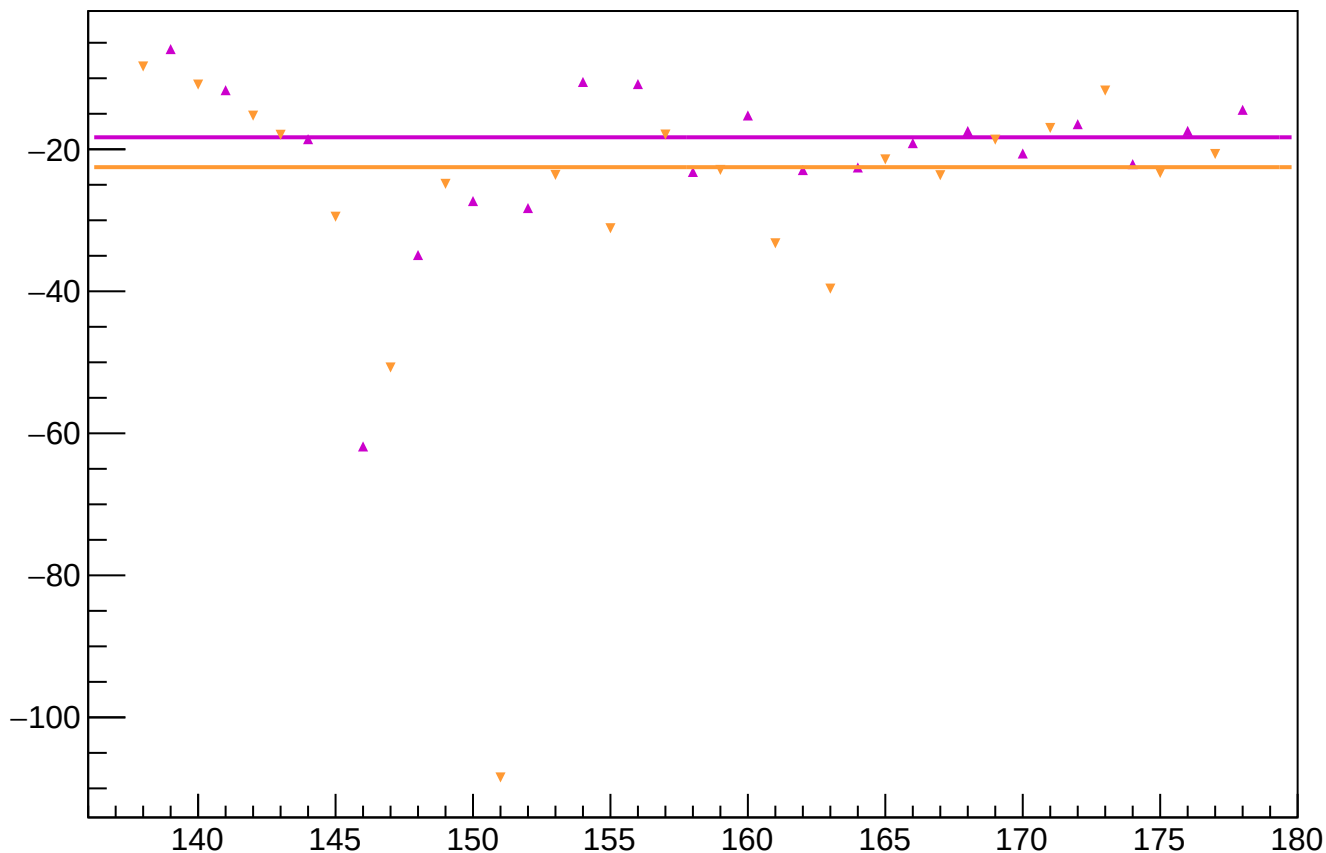
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.092 $\pm$ 0.002 χ^2 /NDF:4767.5/36

Out: 0.125 $\pm$ 0.002 χ^2 /NDF:6066.5/38

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 11045.7/75

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.312+/-0.043 χ^2/NDF : 39235.9/19

Left: -20.162+/-0.032 χ^2/NDF : 105851.1/40

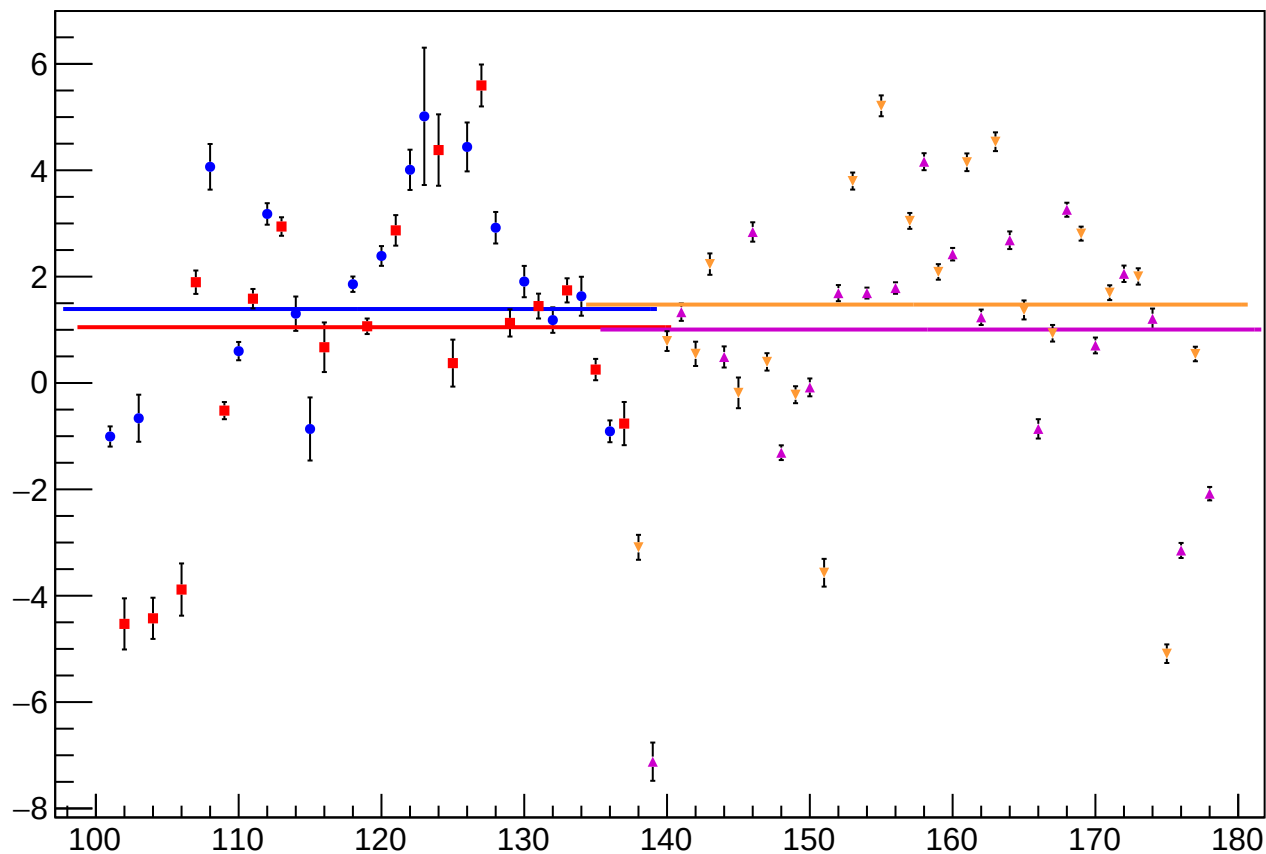
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.312+/-0.043 χ^2/NDF : 39235.9/19

Out: -22.519+/-0.049 χ^2/NDF : 62421.5/20

All: -20.162+/-0.032 χ^2/NDF : 105851.1/40

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: 1.475 ± 0.037 χ^2/NDF : 3834.2/20

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.005 ± 0.033 χ^2/NDF : 3606.4/19

Left: 1.213 ± 0.025 χ^2/NDF : 7530.4/40

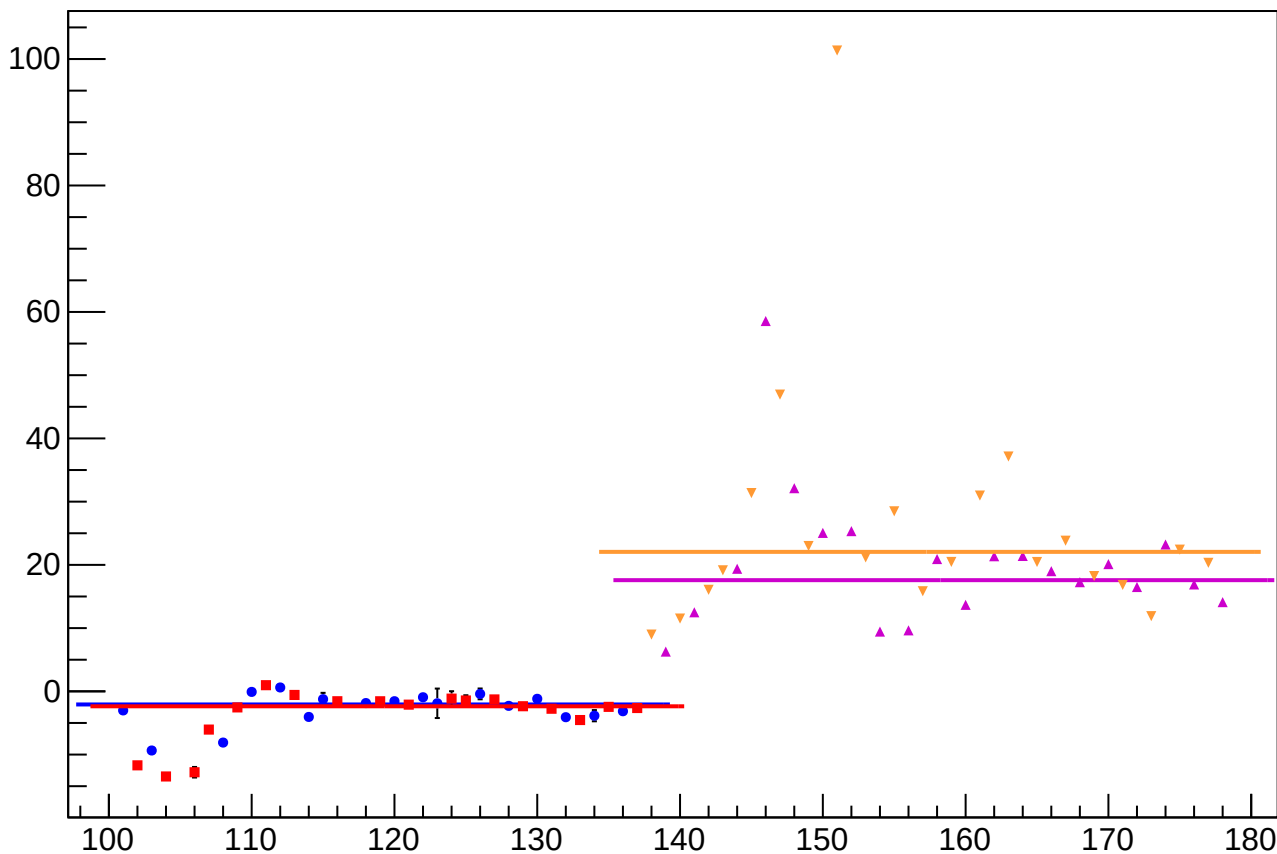
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.093 ± 0.029 χ^2/NDF : 4266.7/36

Out: 1.351 ± 0.031 χ^2/NDF : 4792.3/38

All: 1.212 ± 0.021 χ^2/NDF : 9095.9/75

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.058 ± 0.048 χ^2/NDF : 55629.7/20

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.583 ± 0.042 χ^2/NDF : 37121.7/19

Left: 19.527 ± 0.032 χ^2/NDF : 97623.5/40

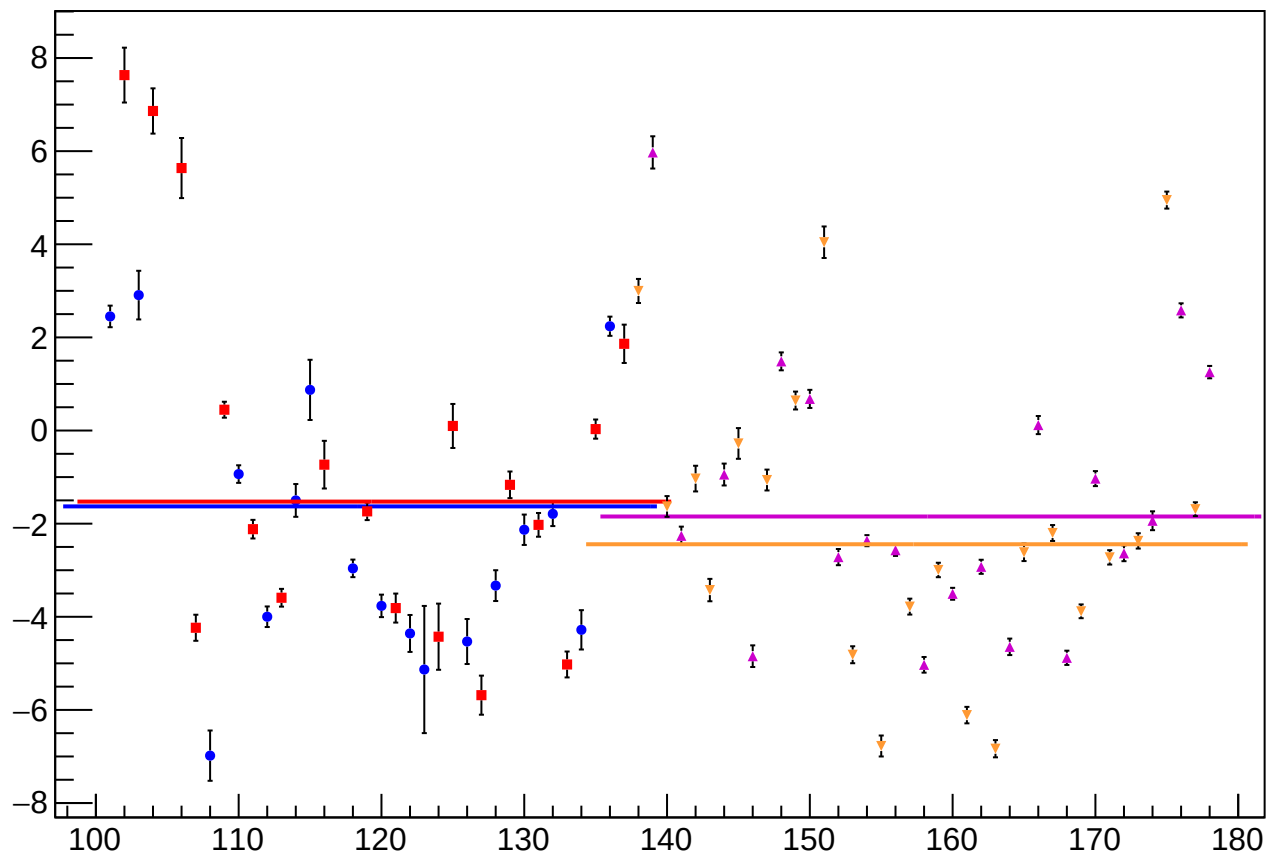
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 15.066 ± 0.039 χ^2/NDF : 65268.9/36

Out: 17.355 ± 0.043 χ^2/NDF : 105924.9/38

All: 16.104 ± 0.029 χ^2/NDF : 172718.8/75

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -2.442 ± 0.042 $\chi^2/\text{NDF}: 4575.5/20$

Right Out: -1.526 ± 0.065 $\chi^2/\text{NDF}: 1488.2/17$

Left In: -1.846 ± 0.037 $\chi^2/\text{NDF}: 4009.9/19$

Left: -2.109 ± 0.028 $\chi^2/\text{NDF}: 8700.4/40$

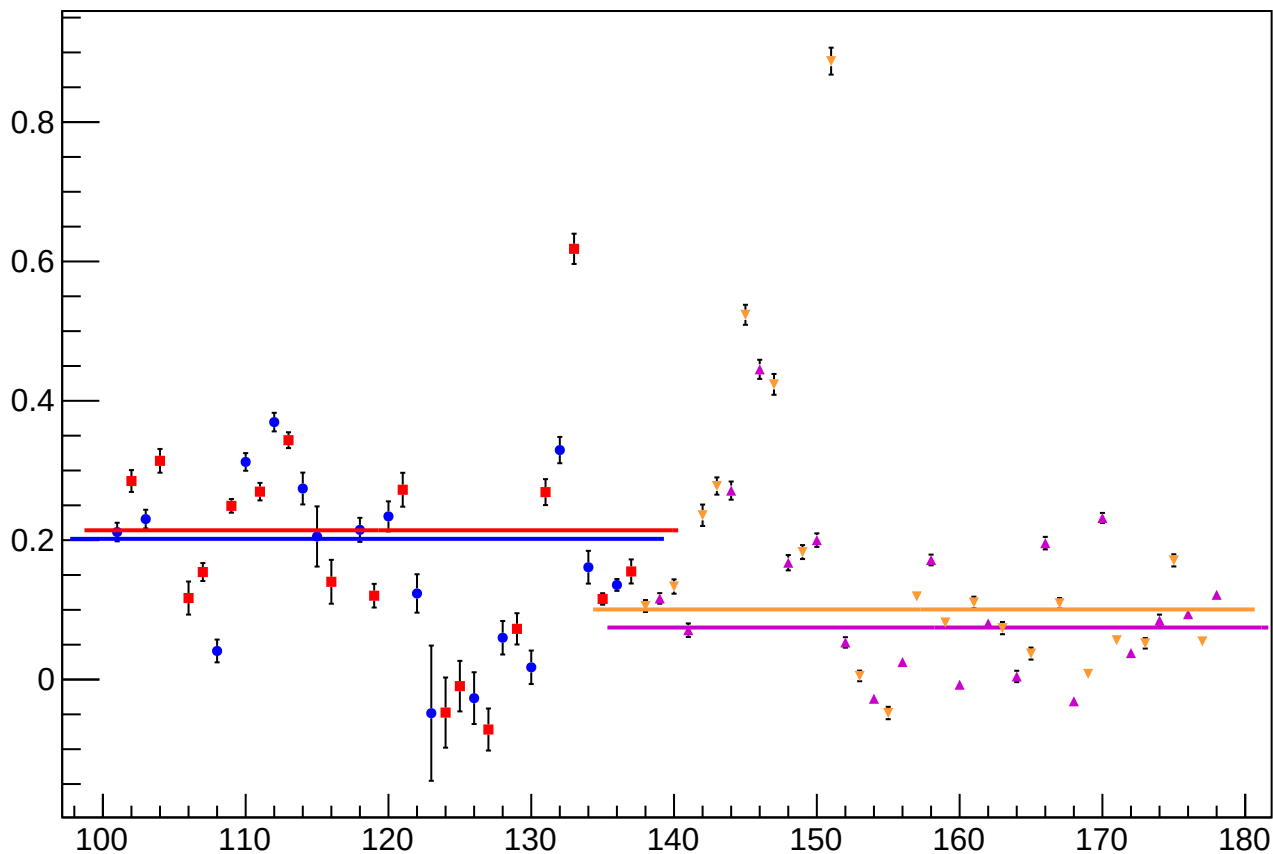
Right: -1.574 ± 0.048 $\chi^2/\text{NDF}: 2755.7/34$

In: -1.799 ± 0.033 $\chi^2/\text{NDF}: 5283.7/36$

Out: -2.179 ± 0.035 $\chi^2/\text{NDF}: 6203.4/38$

All: -1.976 ± 0.024 $\chi^2/\text{NDF}: 11550.0/75$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.101 ± 0.002 χ^2/NDF : 4256.8/20

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.075 ± 0.002 χ^2/NDF : 3253.7/19

Left: 0.086 ± 0.001 χ^2/NDF : 7621.7/40

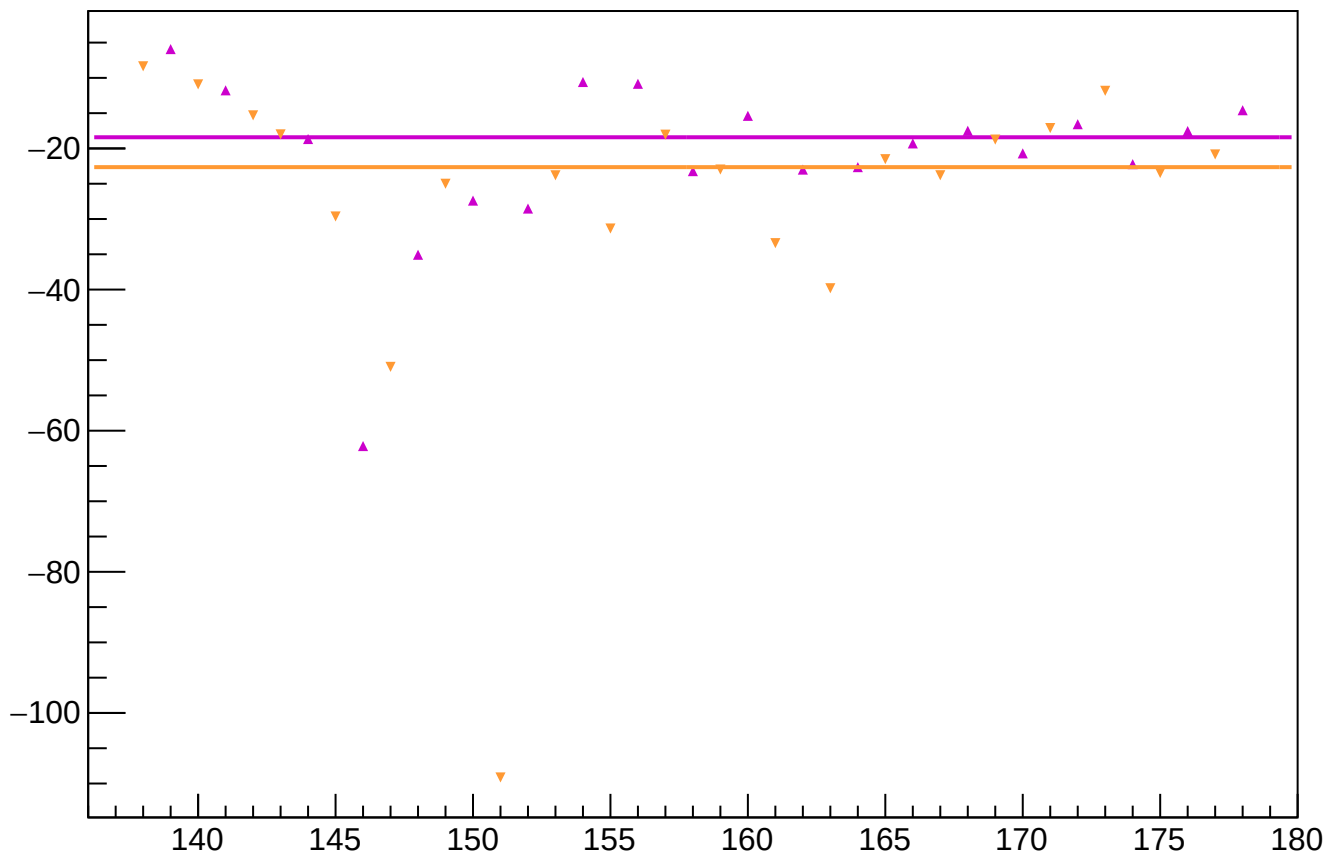
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.092 ± 0.002 χ^2/NDF : 4686.4/36

Out: 0.124 ± 0.002 χ^2/NDF : 6013.8/38

All: 0.106 ± 0.001 χ^2/NDF : 10905.0/75

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.650+/-0.049 χ^2/NDF :62526.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.416+/-0.043 χ^2/NDF :39266.4/19

Left: -20.277+/-0.032 χ^2/NDF : 106004.4/40

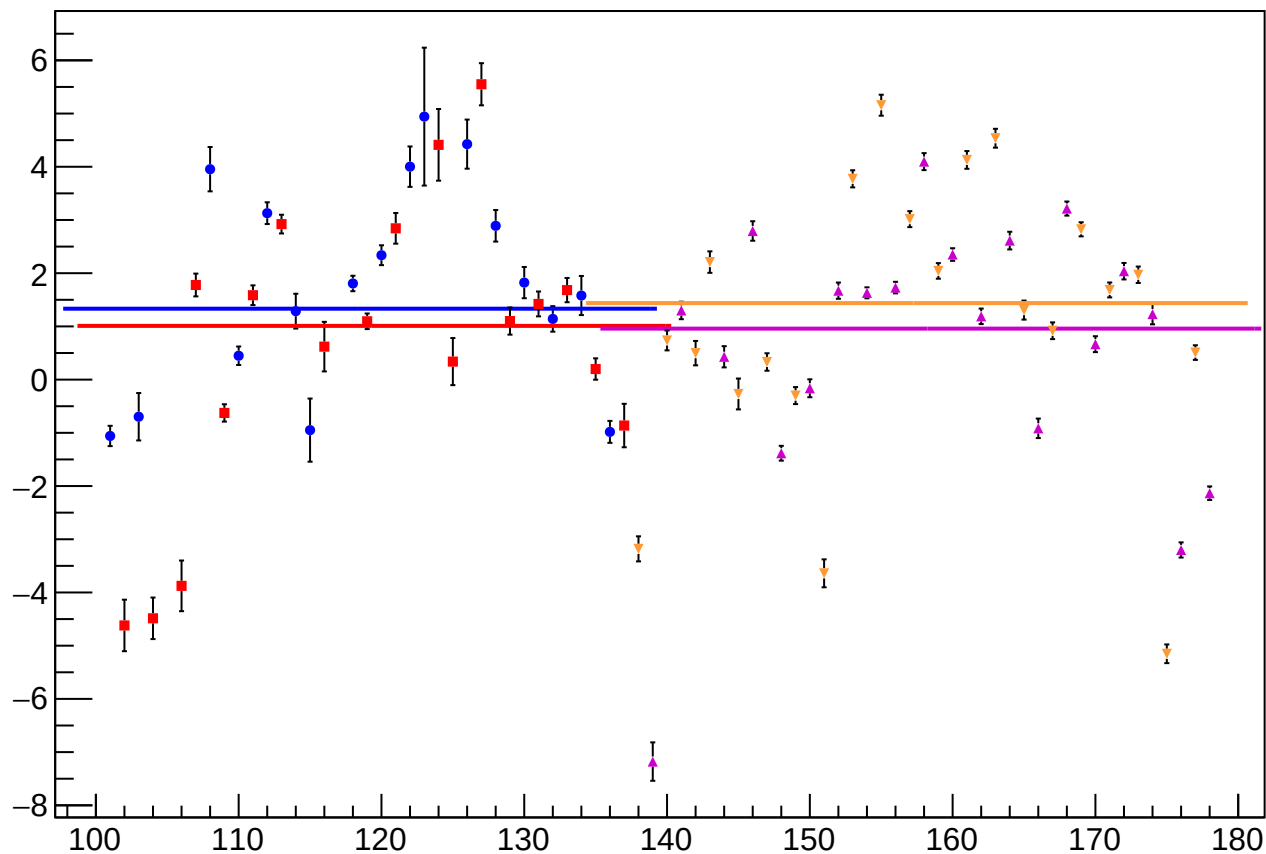
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.416+/-0.043 χ^2/NDF :39266.4/19

Out: -22.650+/-0.049 χ^2/NDF :62526.6/20

All: -20.277+/-0.032 χ^2/NDF : 106004.4/40

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.438 ± 0.037 χ^2/NDF : 3853.2/20

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.958 ± 0.033 χ^2/NDF : 3579.9/19

Left: 1.170 ± 0.025 χ^2/NDF : 7526.0/40

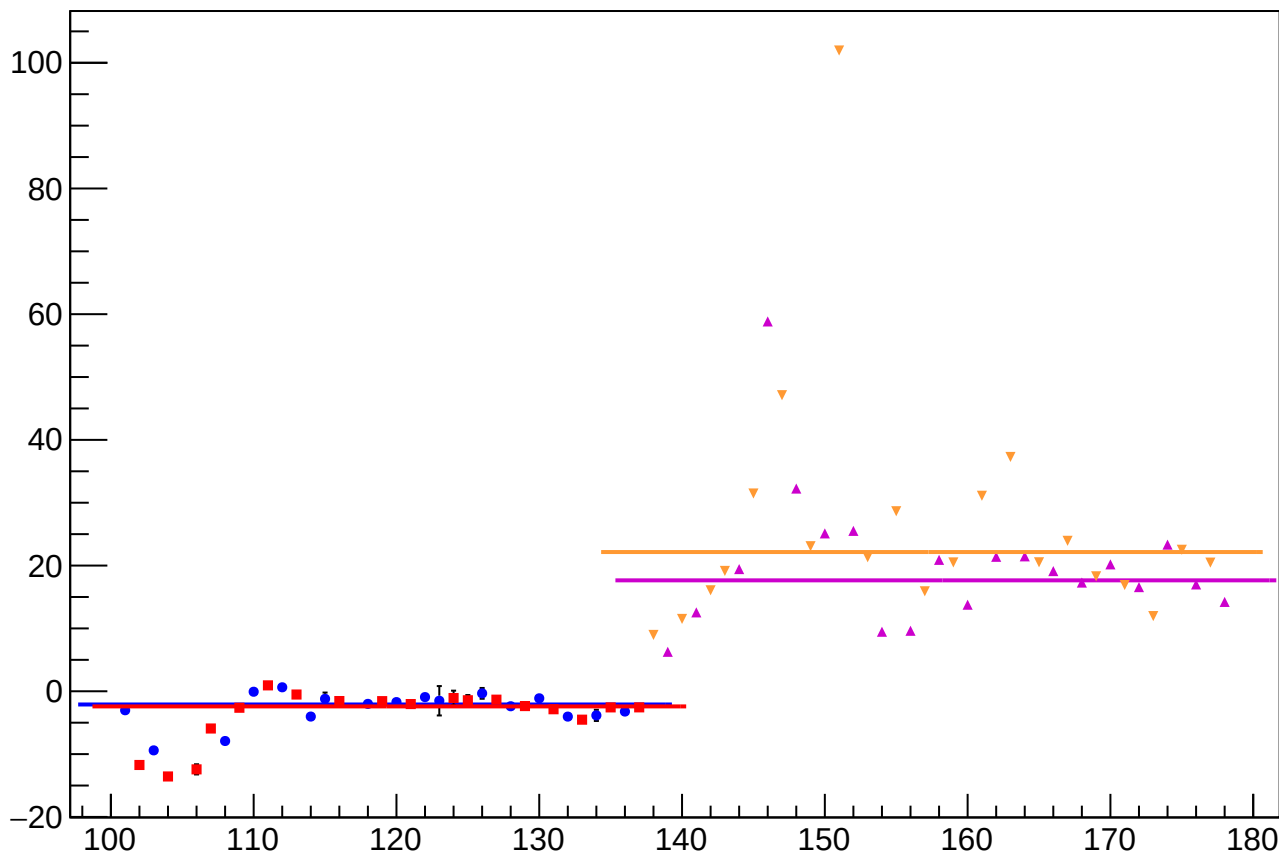
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.043 ± 0.029 χ^2/NDF : 4243.5/36

Out: 1.314 ± 0.031 χ^2/NDF : 4822.0/38

All: 1.168 ± 0.021 χ^2/NDF : 9105.5/75

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.154 ± 0.048 χ^2/NDF : 55719.5/20

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.648 ± 0.042 χ^2/NDF : 37169.4/19

Left: 19.604 ± 0.032 χ^2/NDF : 97784.8/40

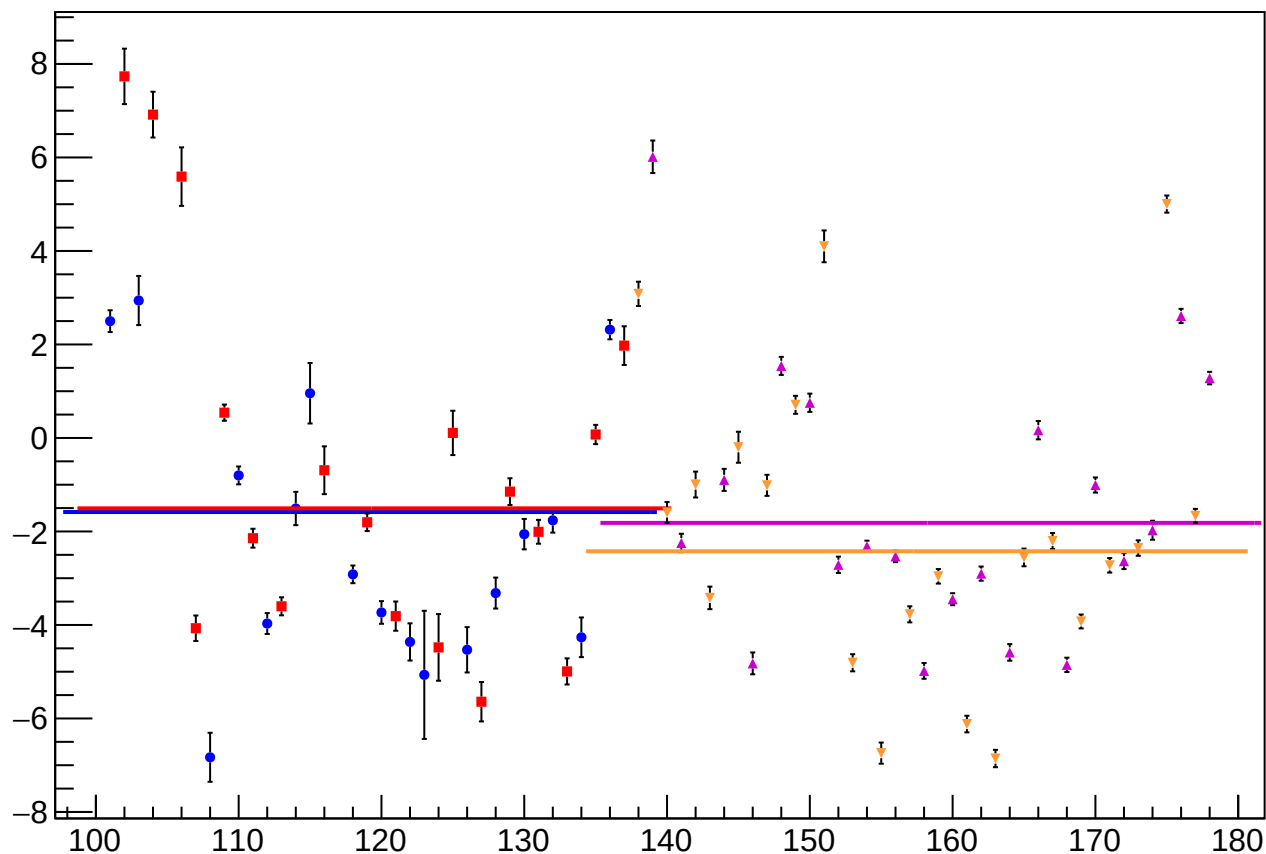
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 15.125 ± 0.040 χ^2/NDF : 65290.8/36

Out: 17.427 ± 0.044 χ^2/NDF : 106091.8/38

All: 16.168 ± 0.029 χ^2/NDF : 172912.6/75

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -2.424 ± 0.042 χ^2/NDF : 4603.9/20

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.817 ± 0.037 χ^2/NDF : 3975.4/19

Left: -2.085 ± 0.028 χ^2/NDF : 8697.7/40

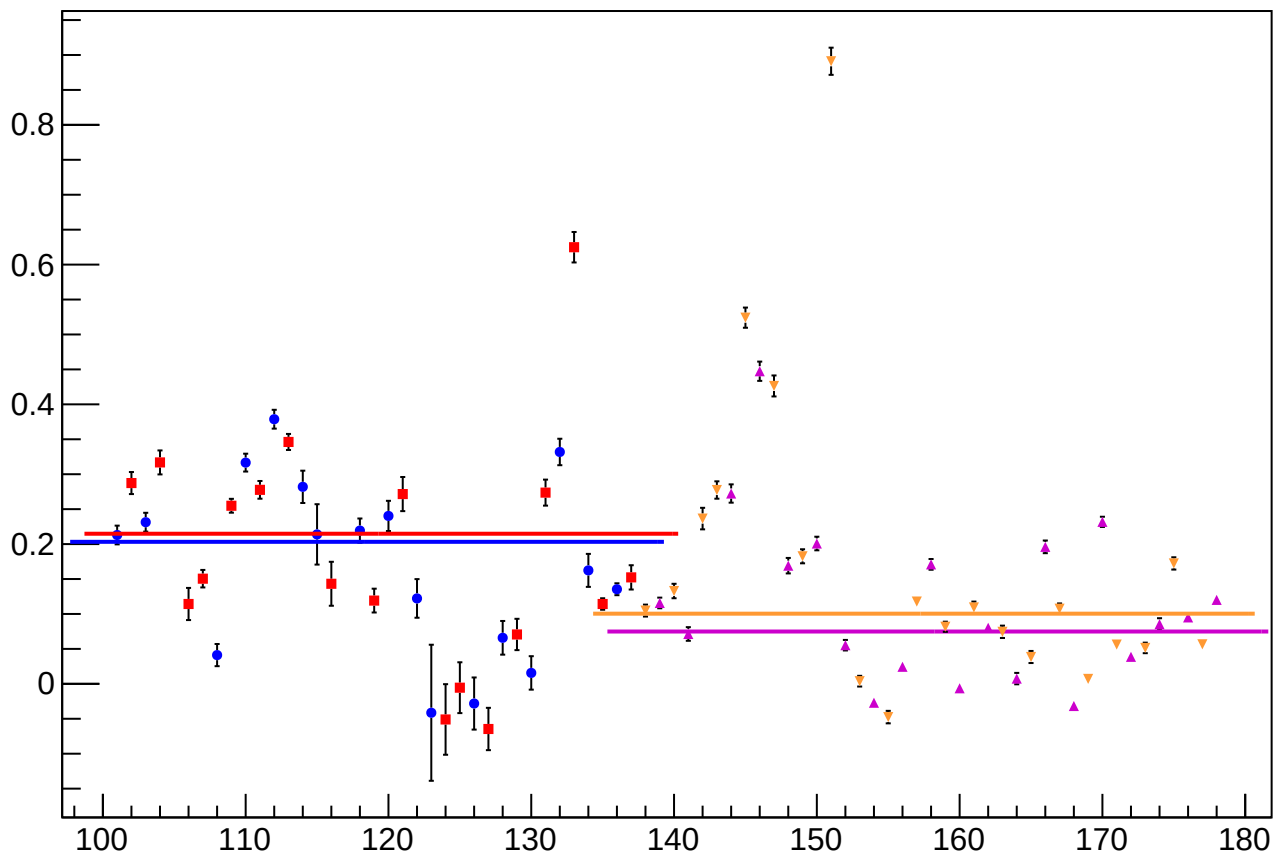
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.766 ± 0.033 χ^2/NDF : 5256.0/36

Out: -2.160 ± 0.035 χ^2/NDF : 6243.3/38

All: -1.949 ± 0.024 χ^2/NDF : 11566.2/75

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.100 ± 0.002 χ^2/NDF : 4241.5/20

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.075 ± 0.002 χ^2/NDF : 3228.4/19

Left: 0.086 ± 0.001 χ^2/NDF : 7576.7/40

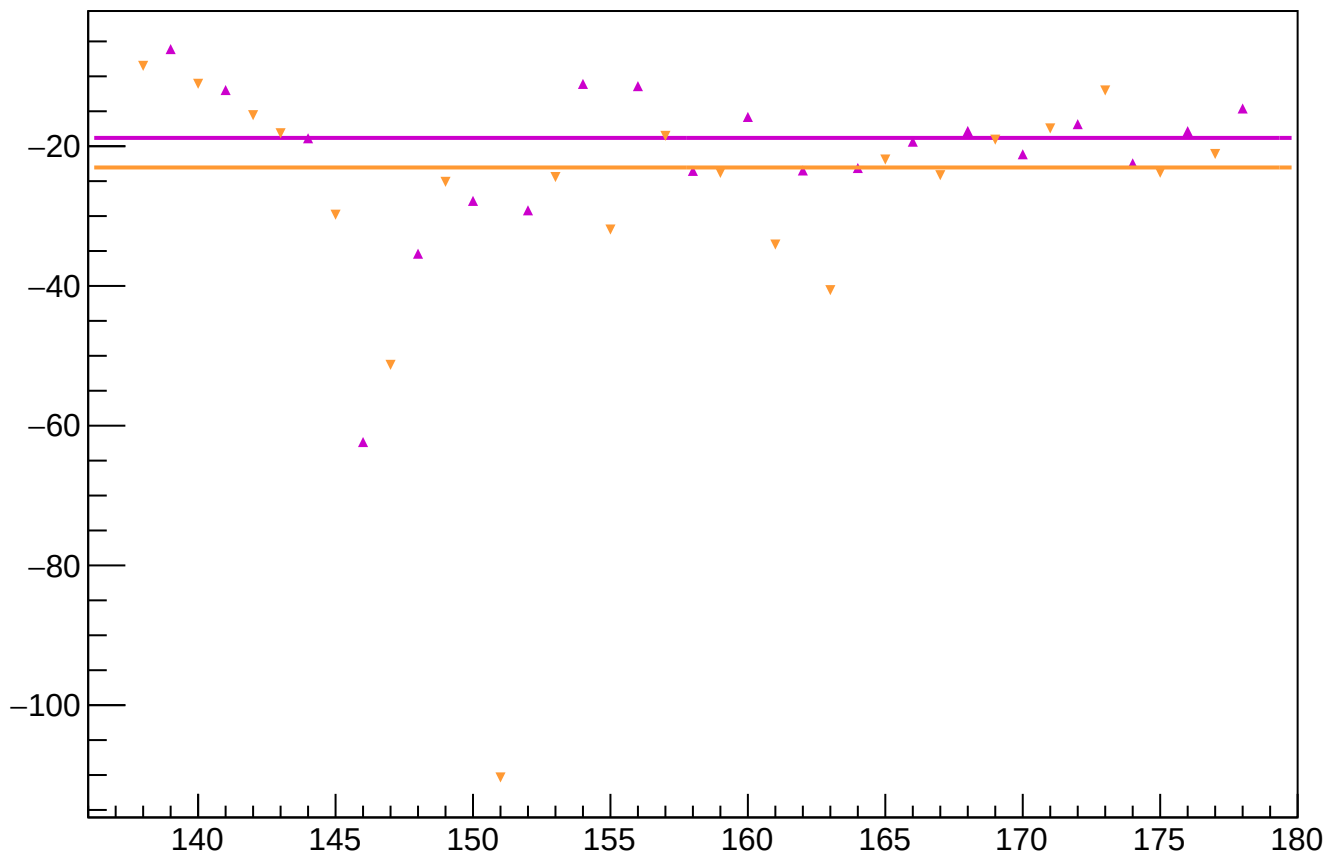
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.092 ± 0.002 χ^2/NDF : 4697.6/36

Out: 0.124 ± 0.002 χ^2/NDF : 6037.0/38

All: 0.106 ± 0.001 χ^2/NDF : 10933.9/75

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.045+/-0.050 χ^2/NDF : 62389.6/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.812+/-0.044 χ^2/NDF : 38296.3/19

Left: -20.678+/-0.033 χ^2/NDF : 104720.9/40

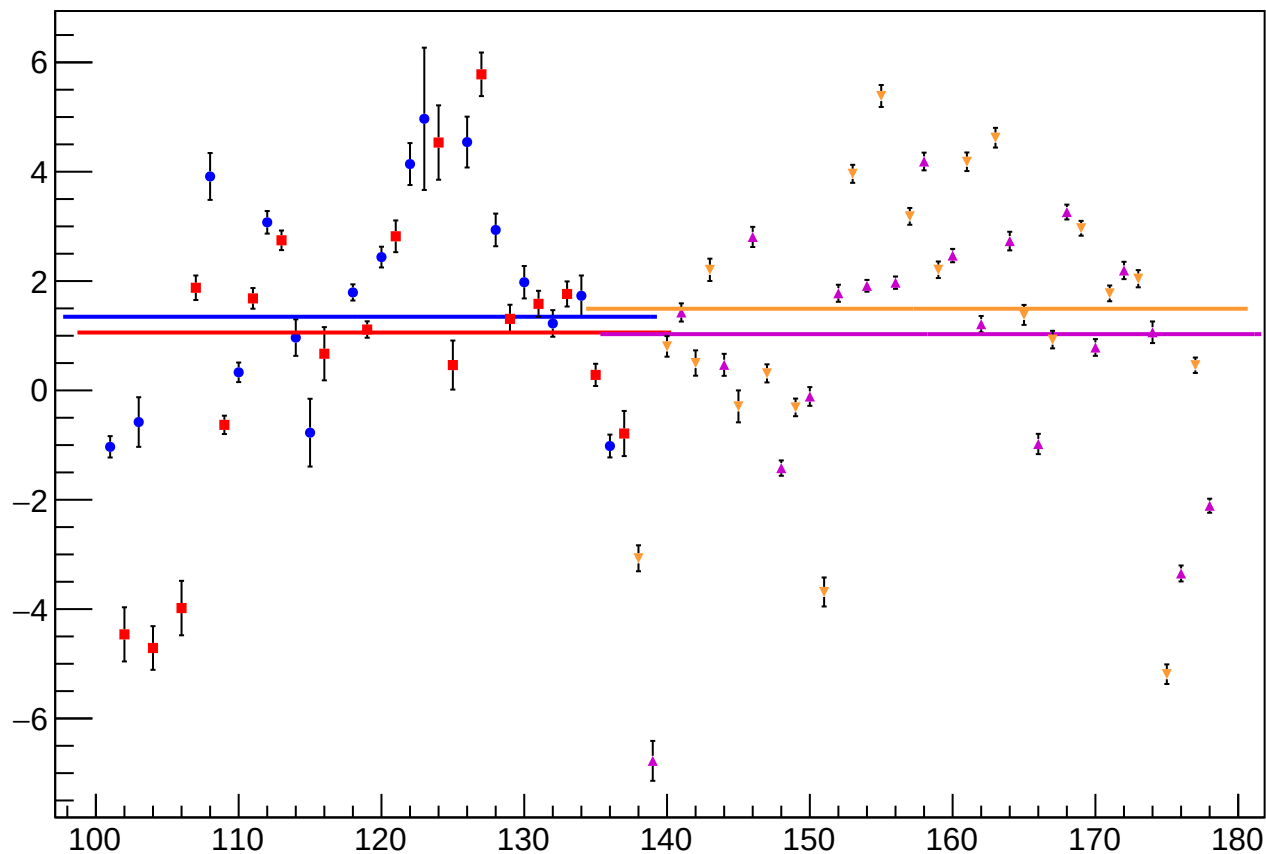
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.812+/-0.044 χ^2/NDF : 38296.3/19

Out: -23.045+/-0.050 χ^2/NDF : 62389.6/20

All: -20.678+/-0.033 χ^2/NDF : 104720.9/40

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.494 $\pm$ 0.038 χ^2 /NDF:3892.3/20

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.029 $\pm$ 0.034 χ^2 /NDF:3631.5/19

Left: 1.235 $\pm$ 0.025 χ^2 /NDF: 7607.3/40

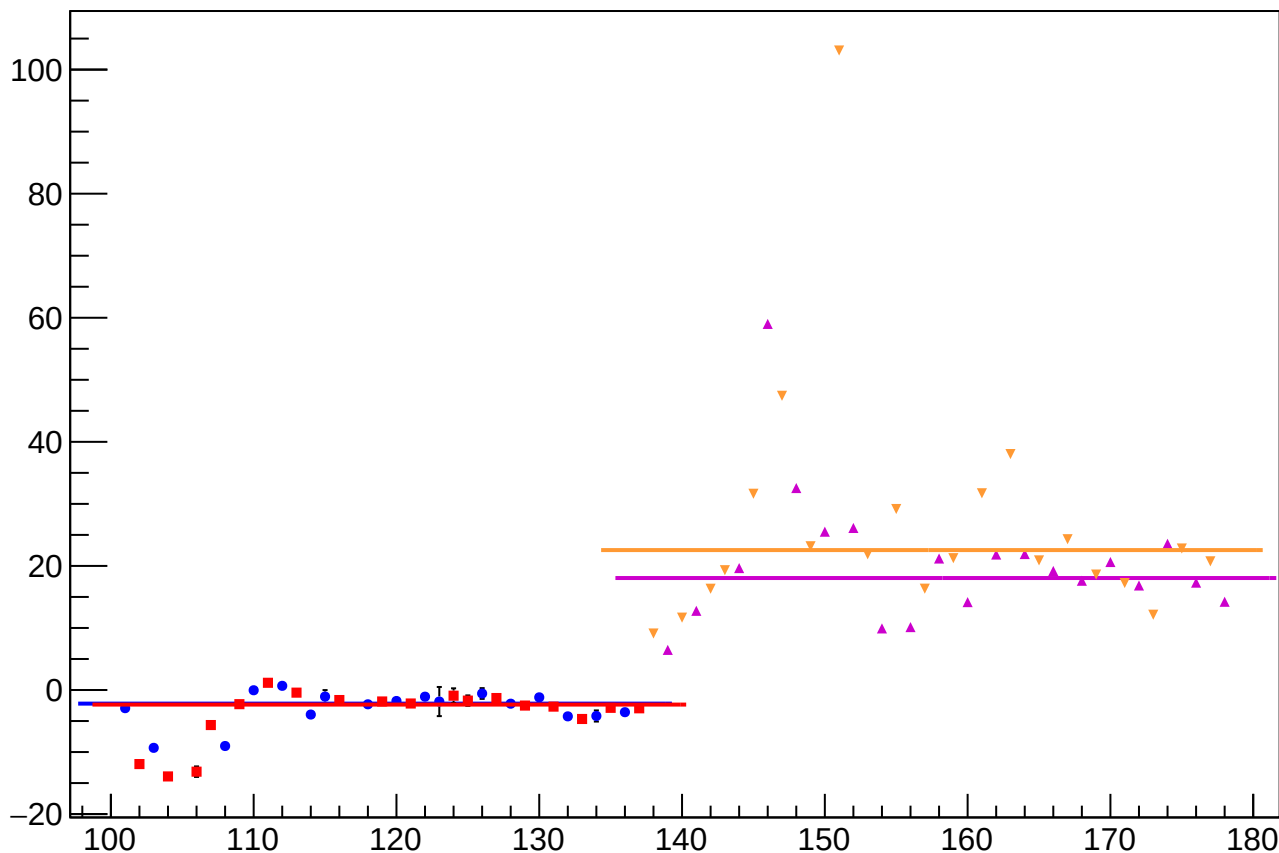
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.102 $\pm$ 0.030 χ^2 /NDF:4281.7/36

Out: 1.368 $\pm$ 0.032 χ^2 /NDF:4835.8/38

All: 1.225 $\pm$ 0.022 χ^2 /NDF: 9154.5/75

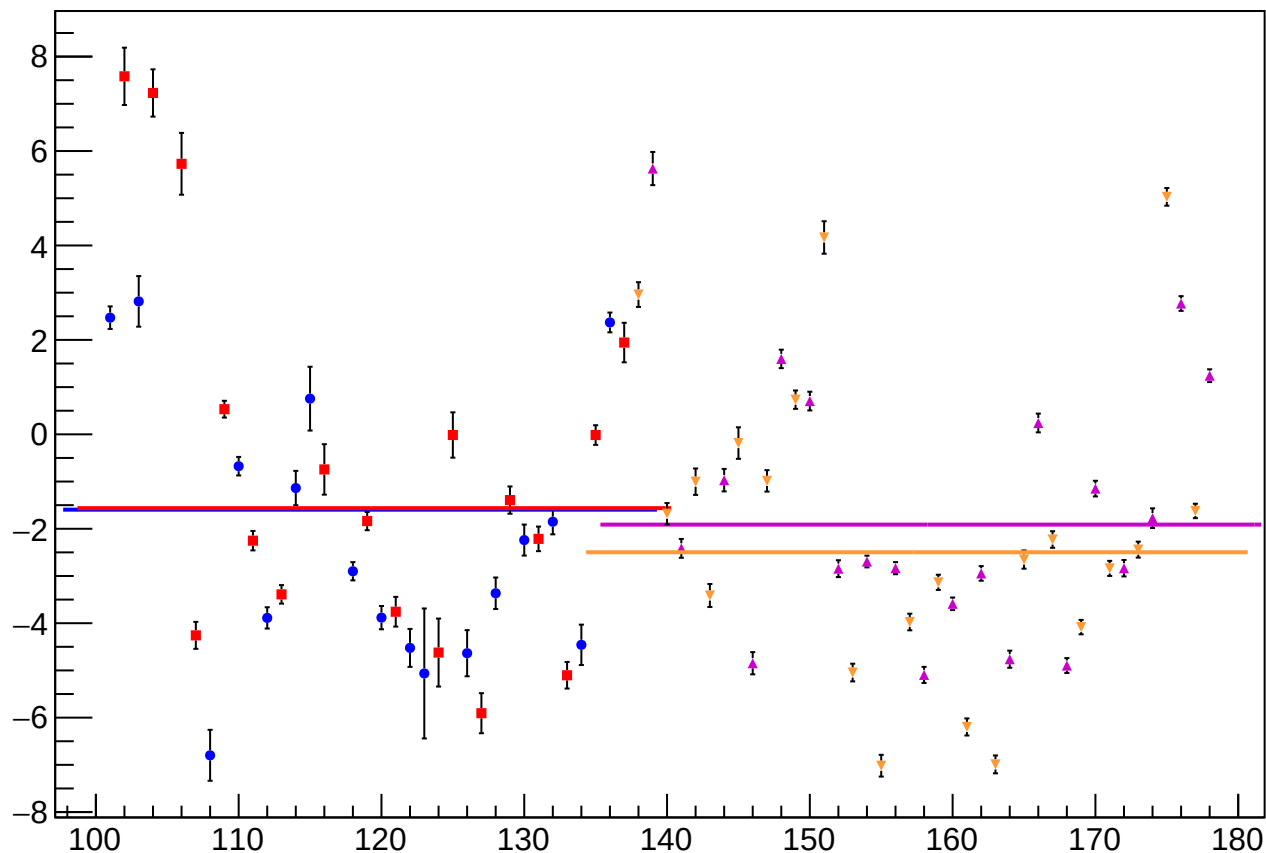
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 22.553 ± 0.049 $\chi^2/\text{NDF}: 55475.2/20$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.049 ± 0.043 $\chi^2/\text{NDF}: 36034.1/19$

Left: 20.011 ± 0.033 $\chi^2/\text{NDF}: 96197.3/40$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 15.439 ± 0.041 $\chi^2/\text{NDF}: 64525.3/36$
 Out: 17.768 ± 0.044 $\chi^2/\text{NDF}: 105168.1/38$
 All: 16.497 ± 0.030 $\chi^2/\text{NDF}: 171193.8/75$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.497 ± 0.043 χ^2/NDF : 4634.2/20

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.912 ± 0.038 χ^2/NDF : 4020.8/19

Left: -2.171 ± 0.028 χ^2/NDF : 8760.4/40

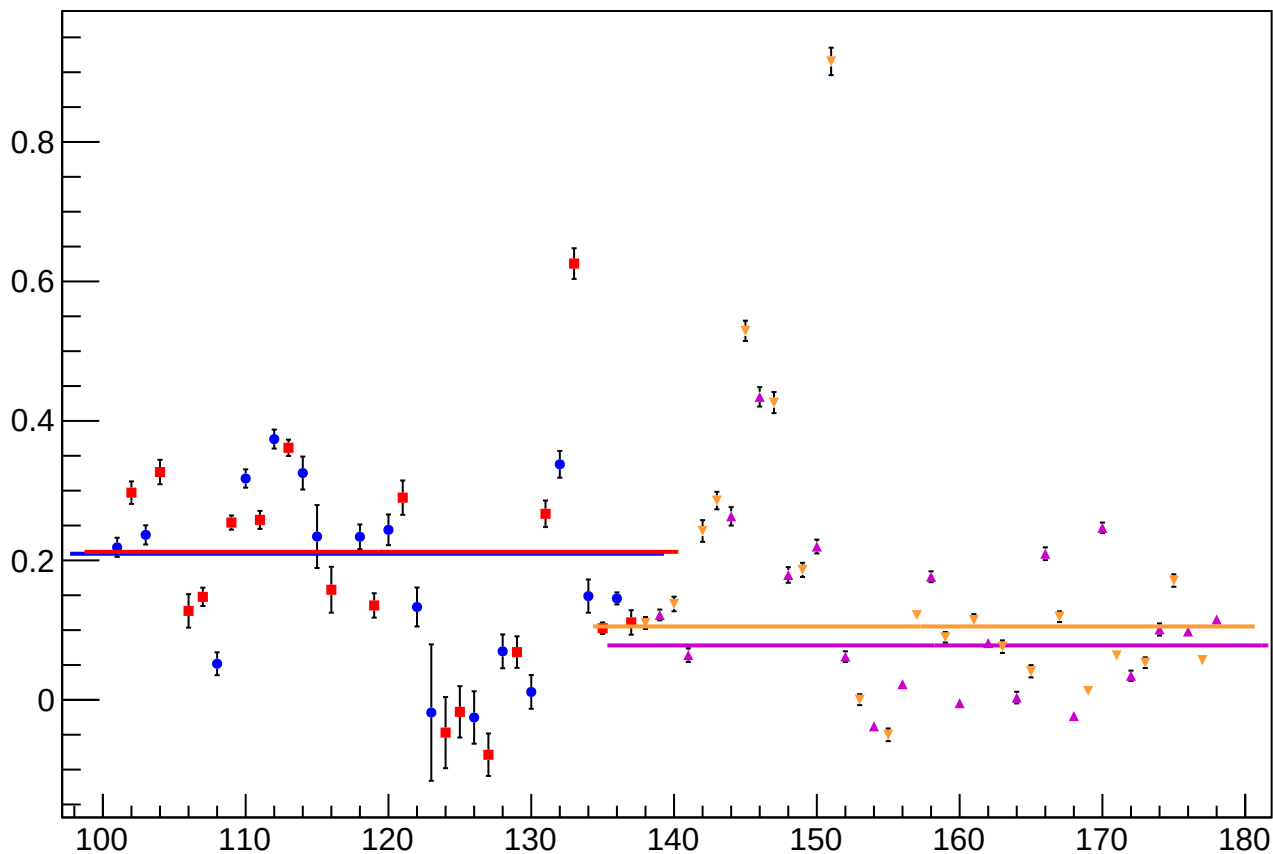
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.843 ± 0.034 χ^2/NDF : 5291.4/36

Out: -2.229 ± 0.036 χ^2/NDF : 6234.6/38

All: -2.022 ± 0.025 χ^2/NDF : 11587.6/75

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210+/-0.004 χ^2/NDF : 597.7/16

Left Out: 0.105+/-0.002 χ^2/NDF : 4269.7/20

Right Out: 0.212+/-0.004 χ^2/NDF : 1096.9/17

Left In: 0.078+/-0.002 χ^2/NDF : 3306.6/19

Left: 0.090+/-0.001 χ^2/NDF : 7692.1/40

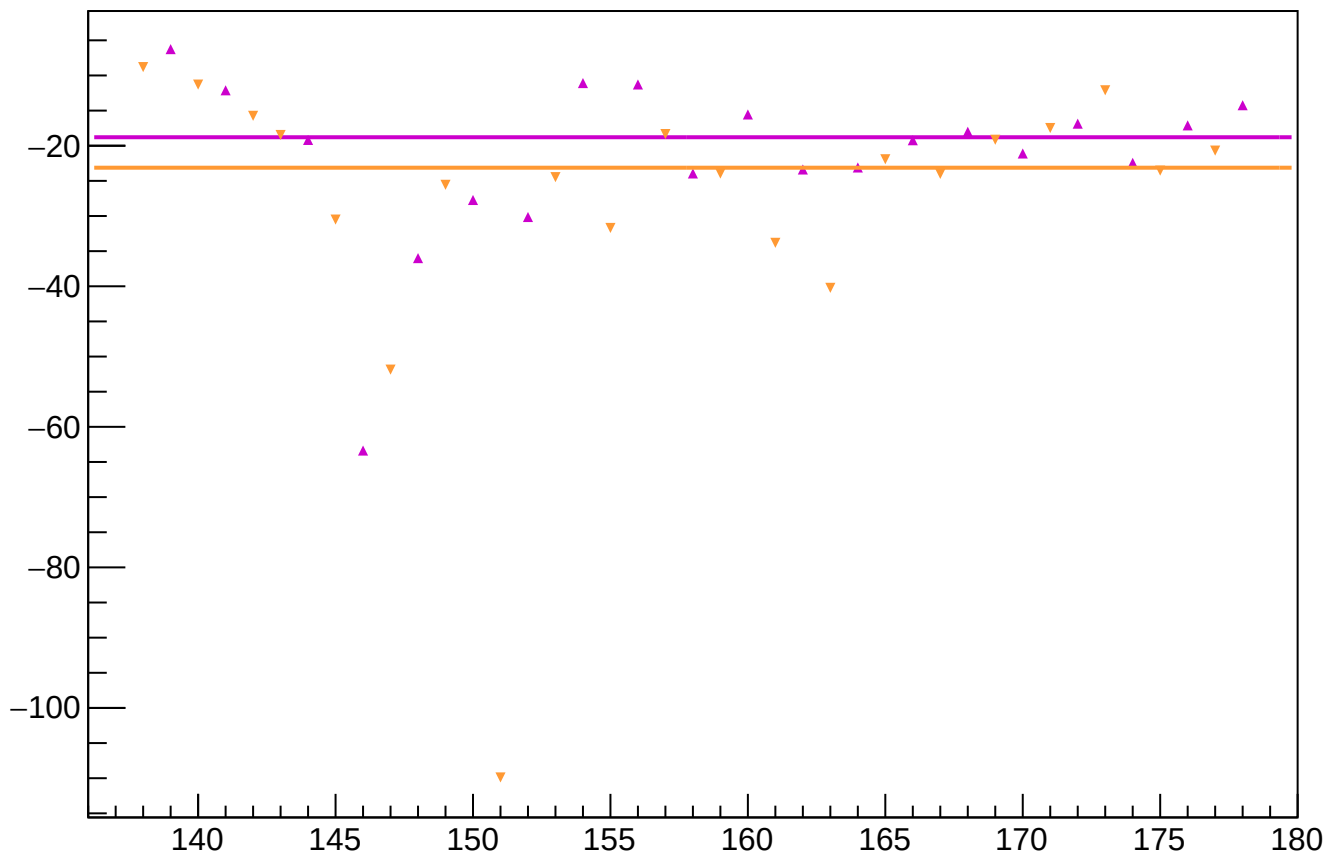
Right: 0.211+/-0.003 χ^2/NDF : 1694.9/34

In: 0.096+/-0.002 χ^2/NDF : 4749.8/36

Out: 0.127+/-0.002 χ^2/NDF : 6006.9/38

All: 0.110+/-0.001 χ^2/NDF : 10941.8/75

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.791+/-0.045 χ^2/NDF : 38863.4/19

Left: -20.700+/-0.033 χ^2/NDF : 104284.6/40

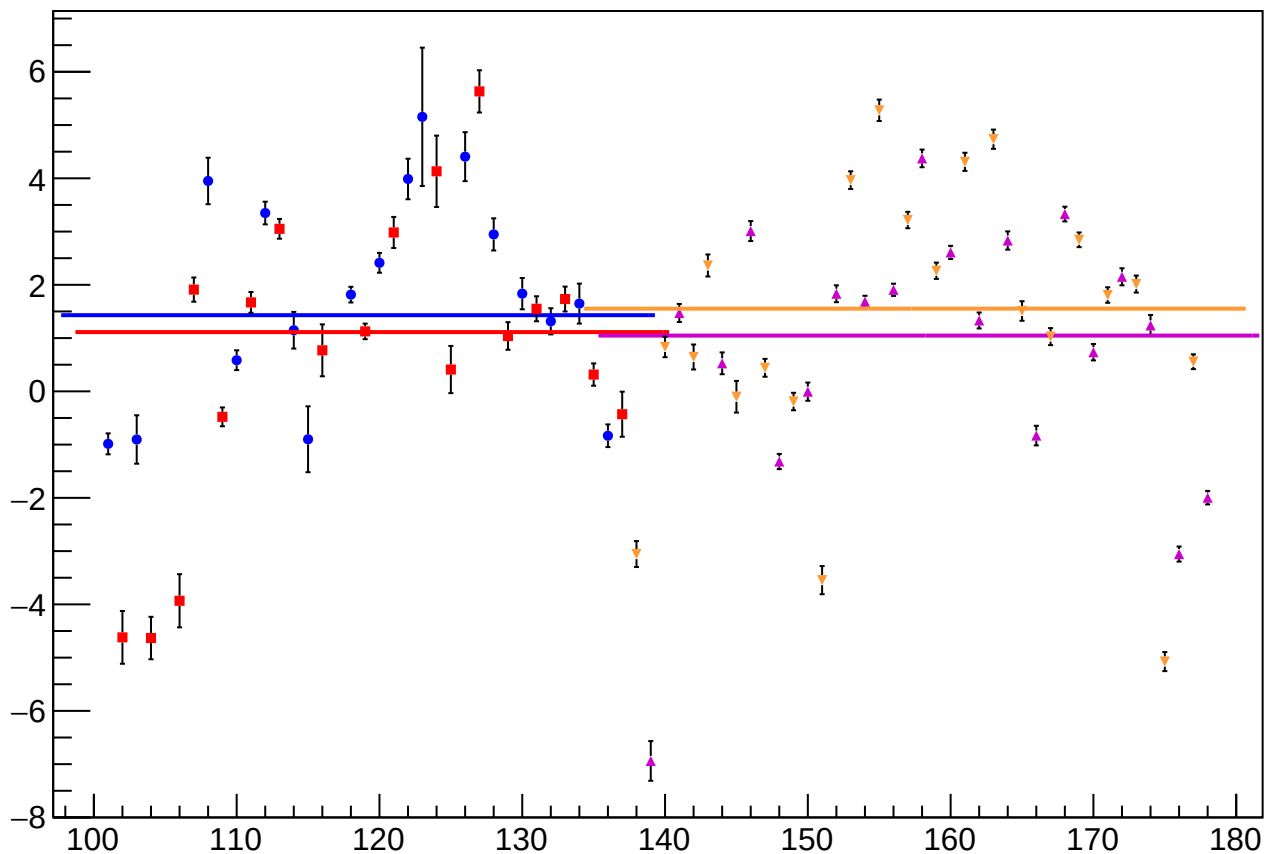
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.791+/-0.045 χ^2/NDF : 38863.4/19

Out: -23.126+/-0.050 χ^2/NDF : 61246.7/20

All: -20.700+/-0.033 χ^2/NDF : 104284.6/40

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: 1.553 $\pm$ 0.038 χ^2 /NDF: 3756.2/20

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.047 $\pm$ 0.034 χ^2 /NDF: 3523.6/19

Left: 1.272 $\pm$ 0.025 χ^2 /NDF: 7377.0/40

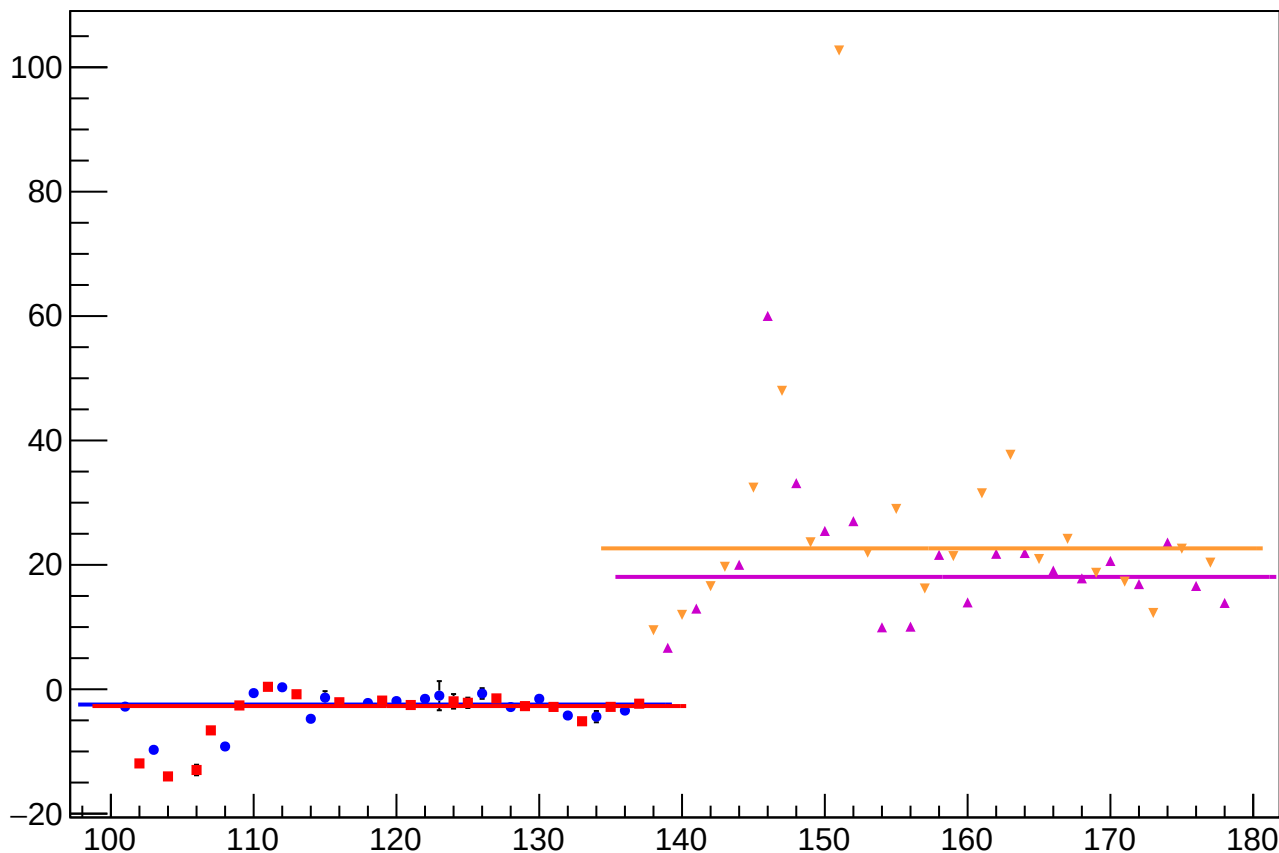
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.135 $\pm$ 0.030 χ^2 /NDF: 4150.3/36

Out: 1.426 $\pm$ 0.032 χ^2 /NDF: 4682.0/38

All: 1.270 $\pm$ 0.022 χ^2 /NDF: 8876.0/75

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.653 ± 0.050 χ^2/NDF : 54575.1/20

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.067 ± 0.044 χ^2/NDF : 36590.1/19

Left: 20.064 ± 0.033 χ^2/NDF : 95958.6/40

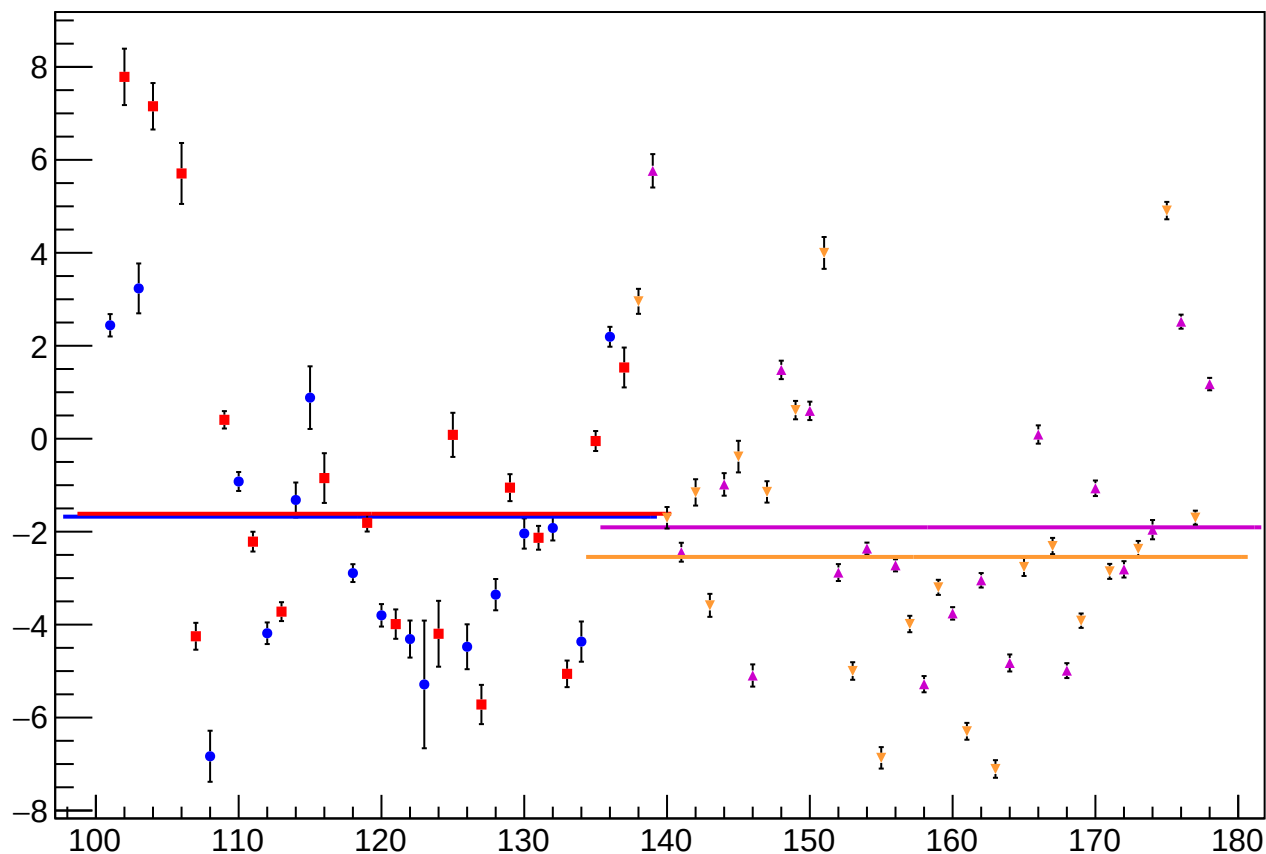
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.459 ± 0.041 χ^2/NDF : 65025.5/36

Out: 17.897 ± 0.045 χ^2/NDF : 104091.7/38

All: 16.564 ± 0.030 χ^2/NDF : 170732.0/75

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.544 ± 0.043 χ^2/NDF : 4482.8/20

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.906 ± 0.038 χ^2/NDF : 3966.8/19

Left: -2.189 ± 0.029 χ^2/NDF : 8572.5/40

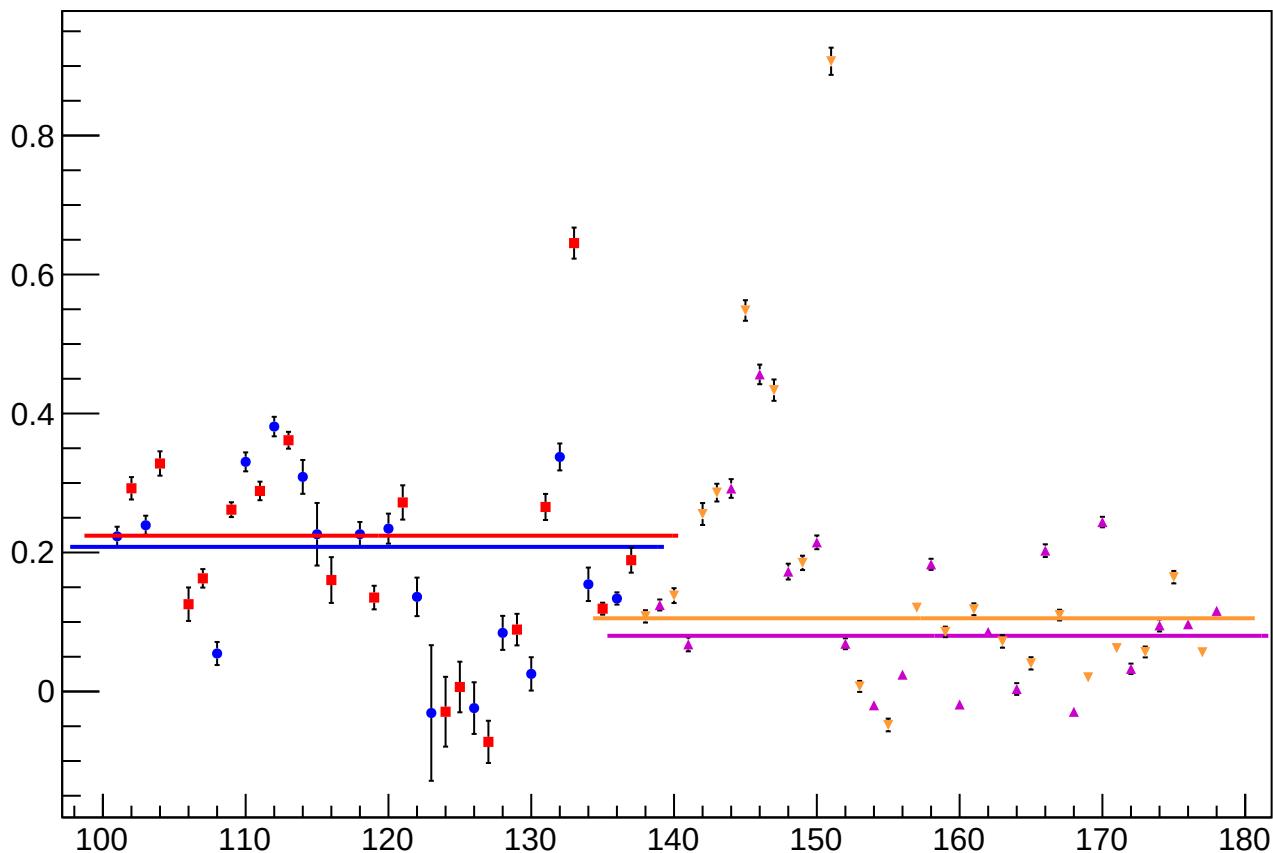
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.856 ± 0.034 χ^2/NDF : 5179.4/36

Out: -2.279 ± 0.036 χ^2/NDF : 6043.7/38

All: -2.053 ± 0.025 χ^2/NDF : 11295.8/75

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF:4233.6/20

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.080 $\pm$ 0.002 χ^2 /NDF:3273.1/19

Left: 0.091 $\pm$ 0.001 χ^2 /NDF: 7604.7/40

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.097 $\pm$ 0.002 χ^2 /NDF:4654.2/36

Out: 0.129 $\pm$ 0.002 χ^2 /NDF:5991.5/38

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 10833.6/75