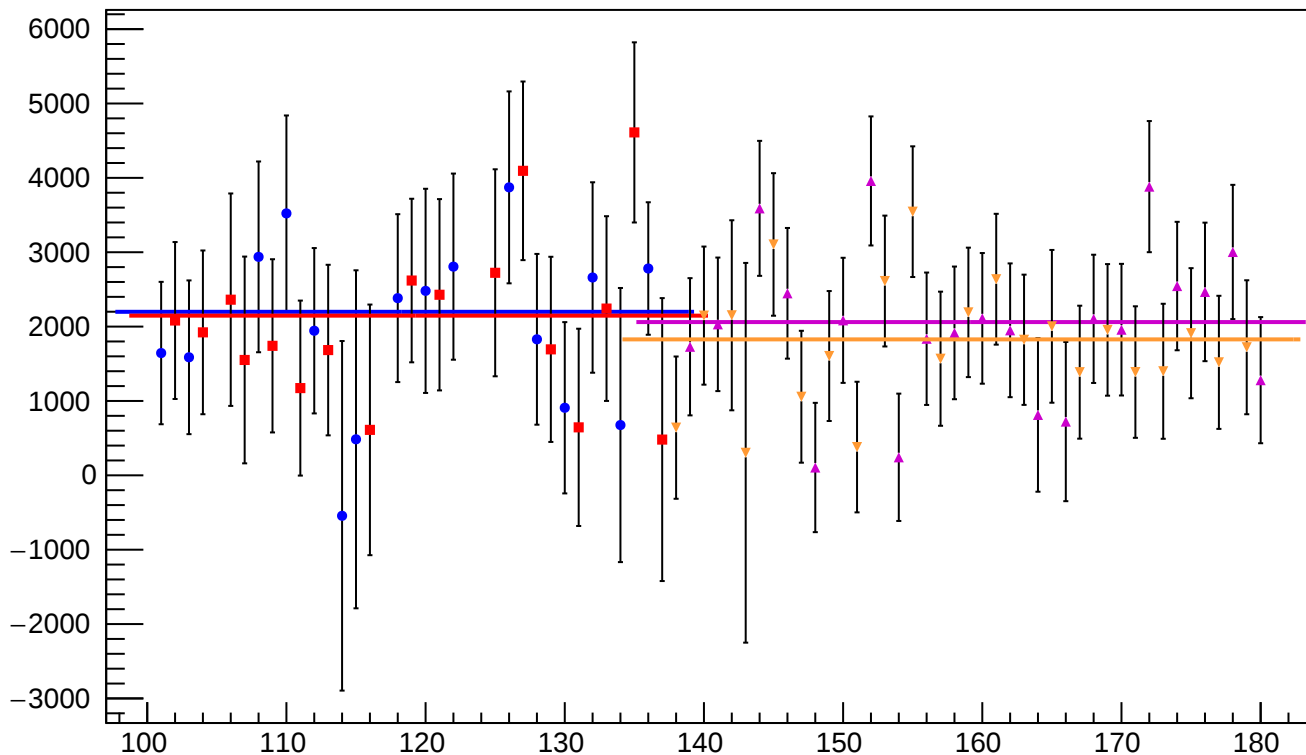


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1828.059+/-198.127

Right Out: 2147.149+/-304.804

Left In: 2060.780+/-195.245

χ^2/NDF : 8.6/15

χ^2/NDF : 14.0/21

χ^2/NDF : 11.4/16

χ^2/NDF : 27.4/20

Left: 1946.124+/-139.067

Right: 2172.848+/-216.219

In: 2100.594+/-164.714

Out: 1922.836+/-166.117

All: 2012.469+/-116.963

χ^2/NDF : 42.1/42

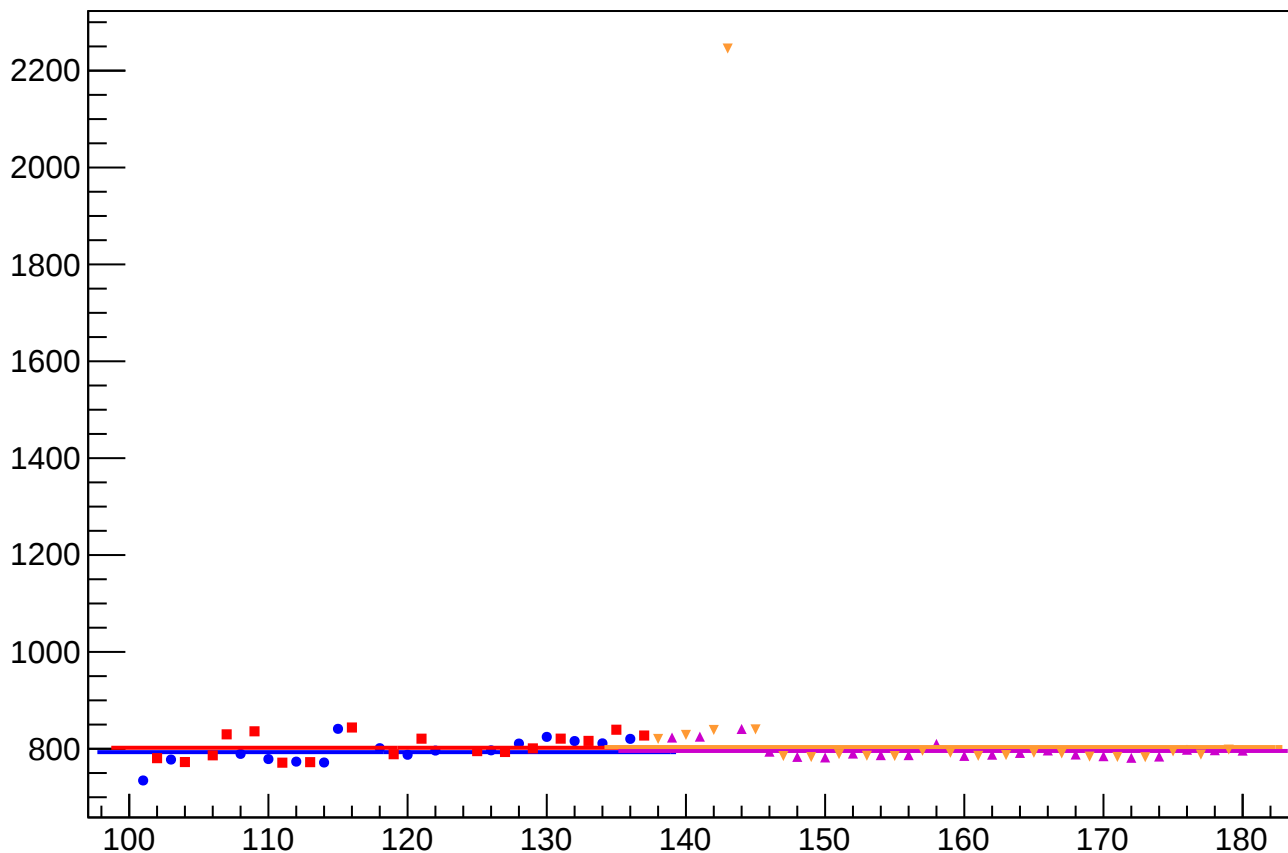
χ^2/NDF : 20.0/32

χ^2/NDF : 36.1/36

χ^2/NDF : 26.2/38

χ^2/NDF : 62.9/75

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.601+/-0.140 χ^2/NDF : 655652.8/21

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

Left In: 795.531+/-0.138 χ^2/NDF : 12648.8/20

Left: 799.507+/-0.098 χ^2/NDF : 669984.7/42

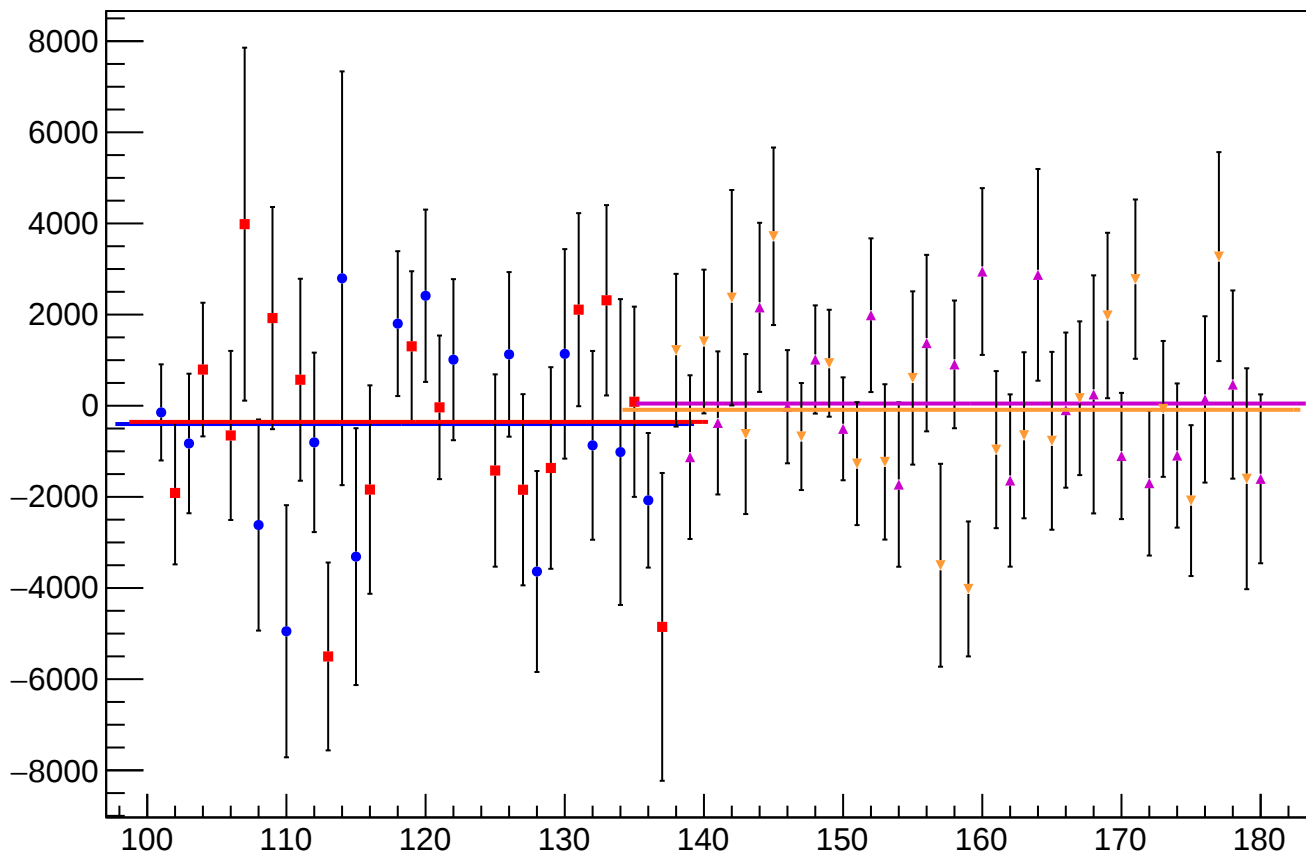
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 794.828+/-0.116 χ^2/NDF : 27441.9/36

Out: 803.169+/-0.117 χ^2/NDF : 668408.2/38

All: 798.963+/-0.083 χ^2/NDF : 698393.0/75

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -88.814 $\pm$ 356.608 χ^2 /NDF:26.7/21

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

Left In: 48.143 $\pm$ 353.972 χ^2 /NDF:13.9/20

Left: -19.828 $\pm$ 251.223 χ^2 /NDF: 40.7/42

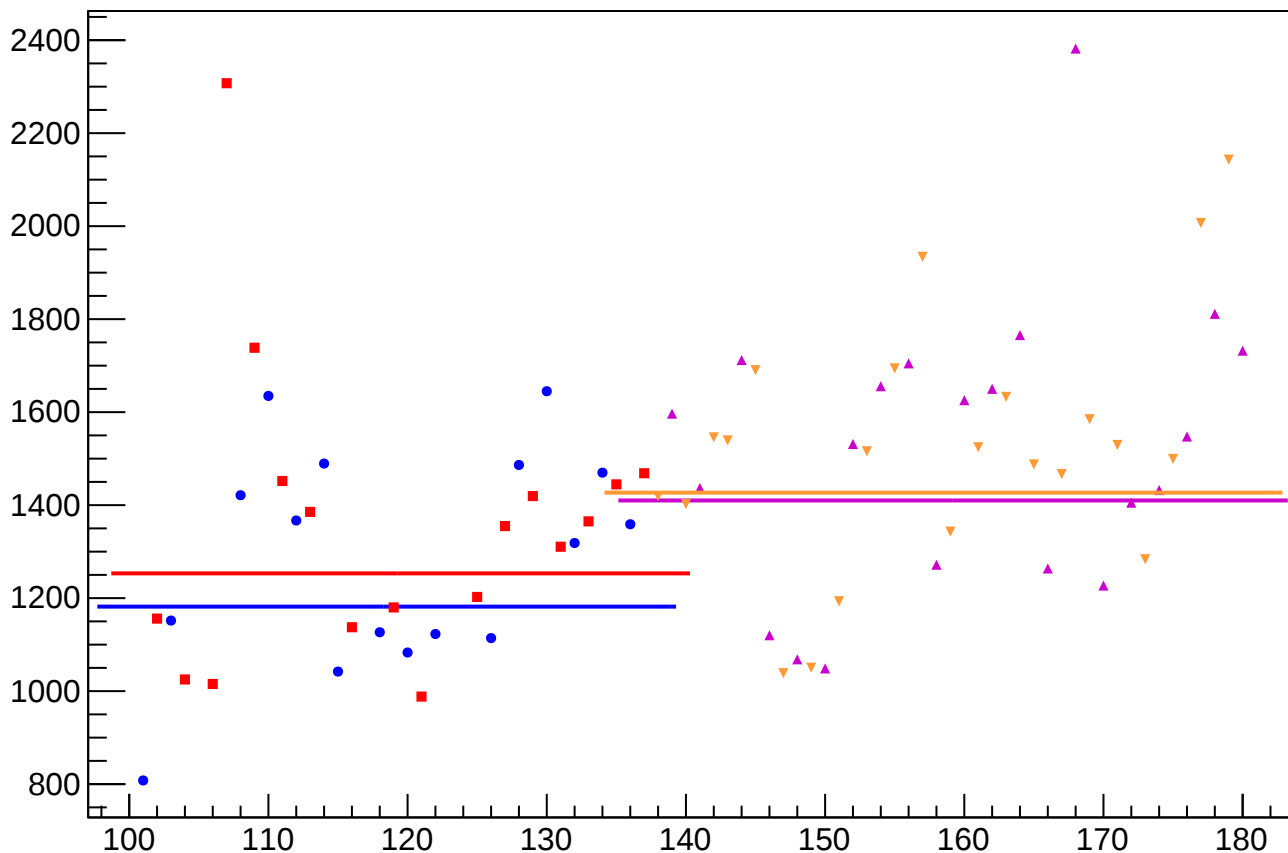
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -115.170 $\pm$ 282.462 χ^2 /NDF:29.3/36

Out: -181.654 $\pm$ 287.620 χ^2 /NDF:44.3/38

All: -147.810 $\pm$ 201.530 χ^2 /NDF: 73.7/75

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1426.925 $\pm$ 0.252 χ^2 /NDF:1072188.1/21

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

Left In: 1410.056 $\pm$ 0.250 χ^2 /NDF:1249020.4/20

Left: 1418.428 $\pm$ 0.178 χ^2 /NDF: 2323462.9/42

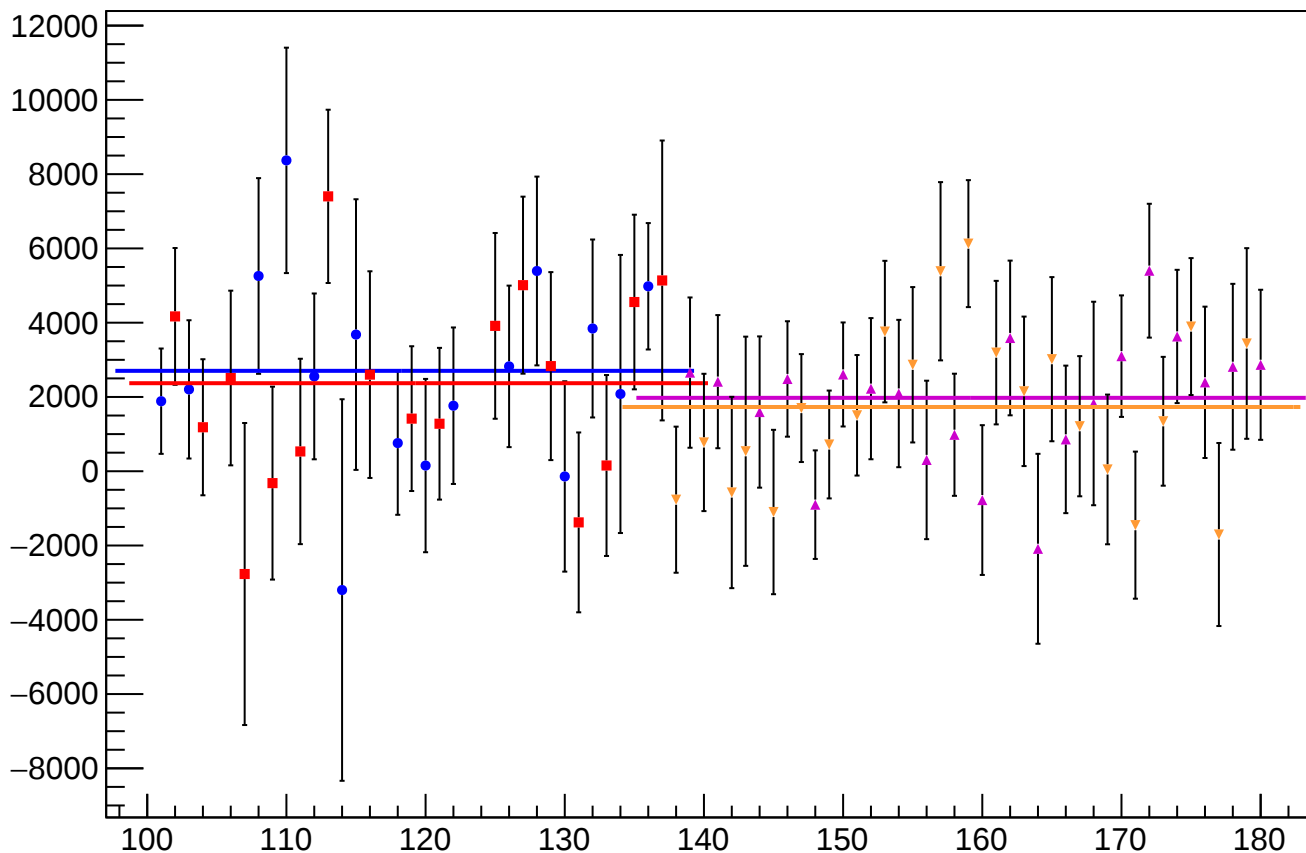
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1327.134 $\pm$ 0.200 χ^2 /NDF:2094681.4/36

Out: 1366.218 $\pm$ 0.203 χ^2 /NDF:1693671.4/38

All: 1346.322 $\pm$ 0.143 χ^2 /NDF: 3807153.1/75

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1729.931 $\pm$ 415.138 χ^2 /NDF:23.5/21

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

Left In: 1976.405 $\pm$ 408.140 χ^2 /NDF:16.0/20

Left: 1855.263 $\pm$ 291.041 χ^2 /NDF: 39.6/42

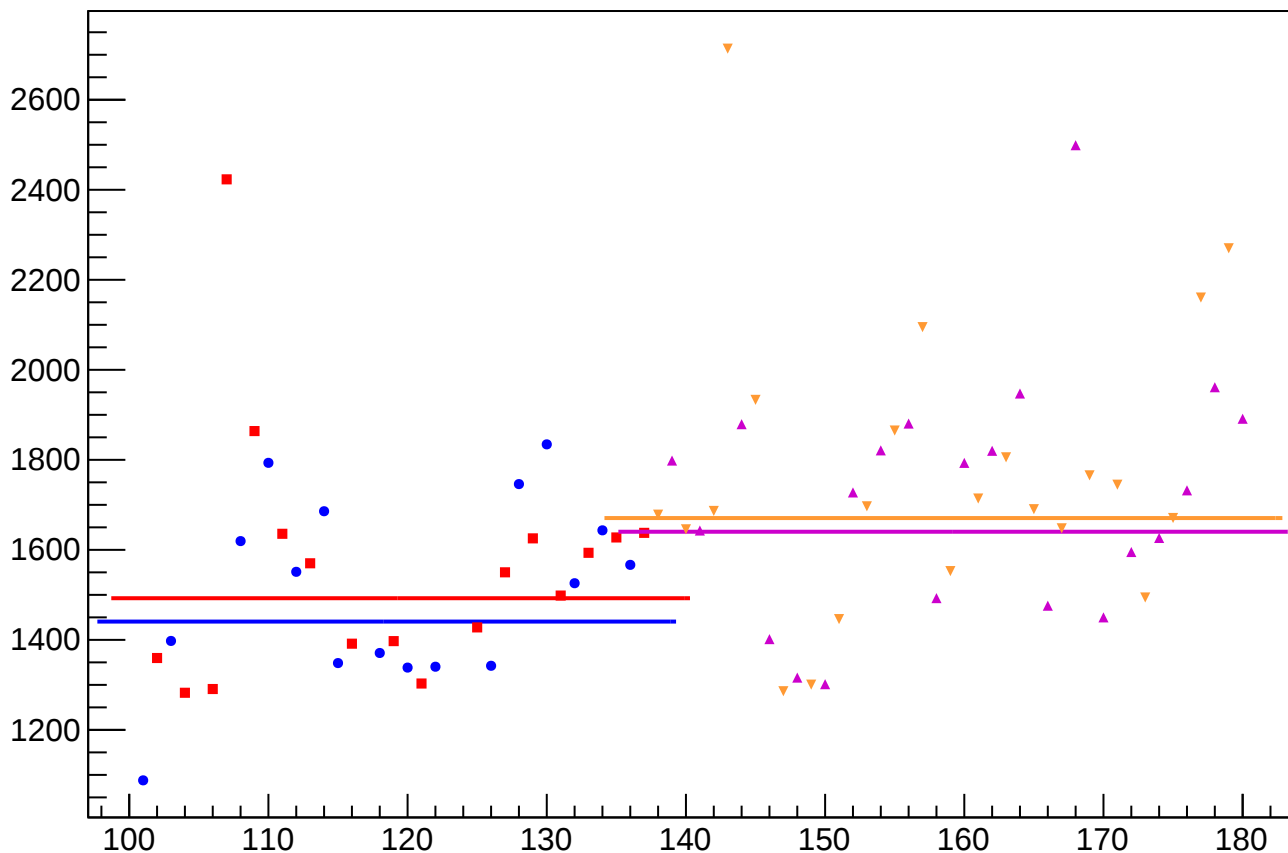
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2226.072 $\pm$ 330.748 χ^2 /NDF:30.1/36

Out: 1950.225 $\pm$ 336.277 χ^2 /NDF:40.3/38

All: 2090.435 $\pm$ 235.805 χ^2 /NDF: 70.8/75

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1670.638 $\pm$ 0.294 χ^2 /NDF: 881599.5/21

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

Left In: 1640.238 $\pm$ 0.289 χ^2 /NDF: 734605.9/20

Left: 1655.180 $\pm$ 0.206 χ^2 /NDF: 1621658.9/42

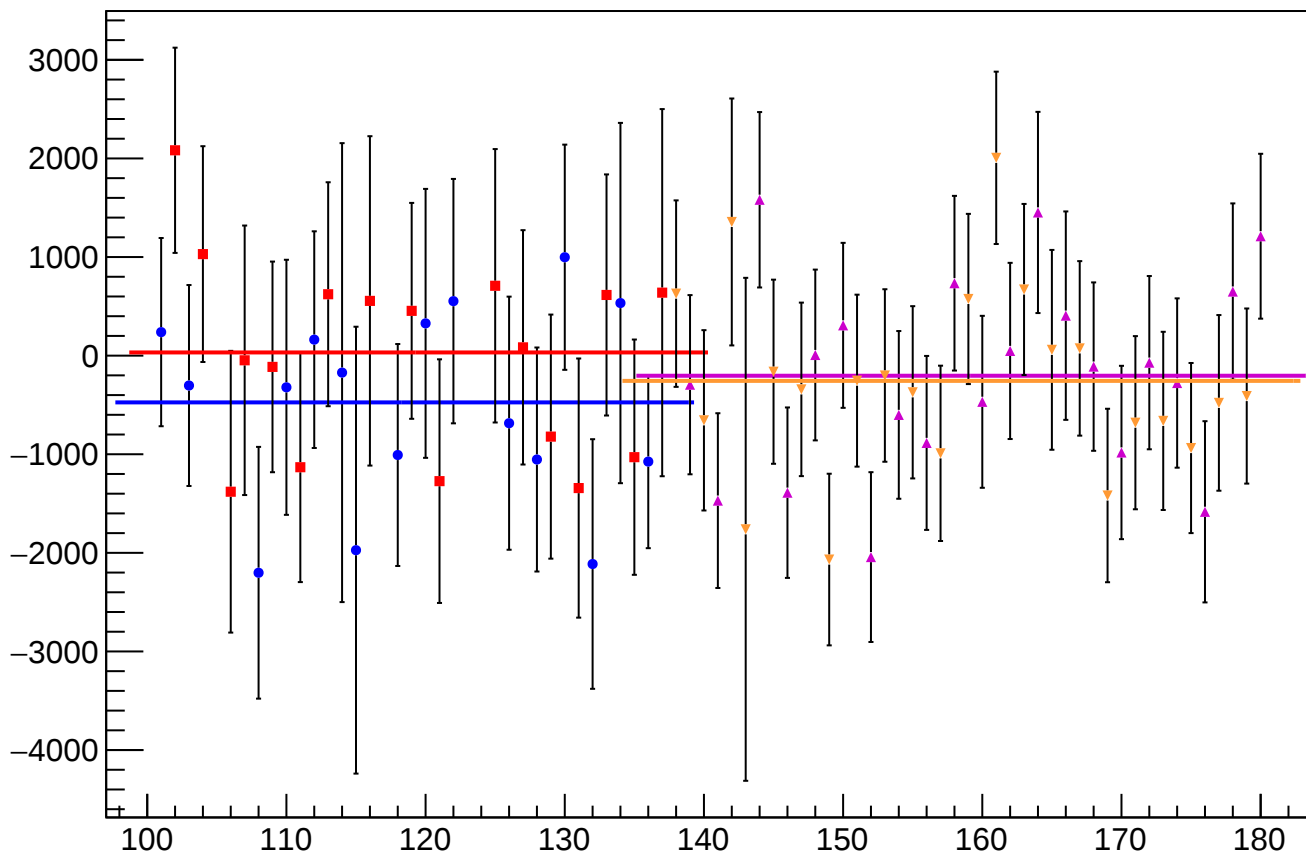
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1571.723 $\pm$ 0.234 χ^2 /NDF: 1181051.5/36

Out: 1609.397 $\pm$ 0.238 χ^2 /NDF: 1259687.9/38

All: 1590.248 $\pm$ 0.167 χ^2 /NDF: 2453499.0/75

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -256.020 $\pm$ 196.199 χ^2 /NDF:20.0/21

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

Left In: -203.792 $\pm$ 193.363 χ^2 /NDF:24.9/20

Left: -229.526 $\pm$ 137.720 χ^2 /NDF: 45.0/42

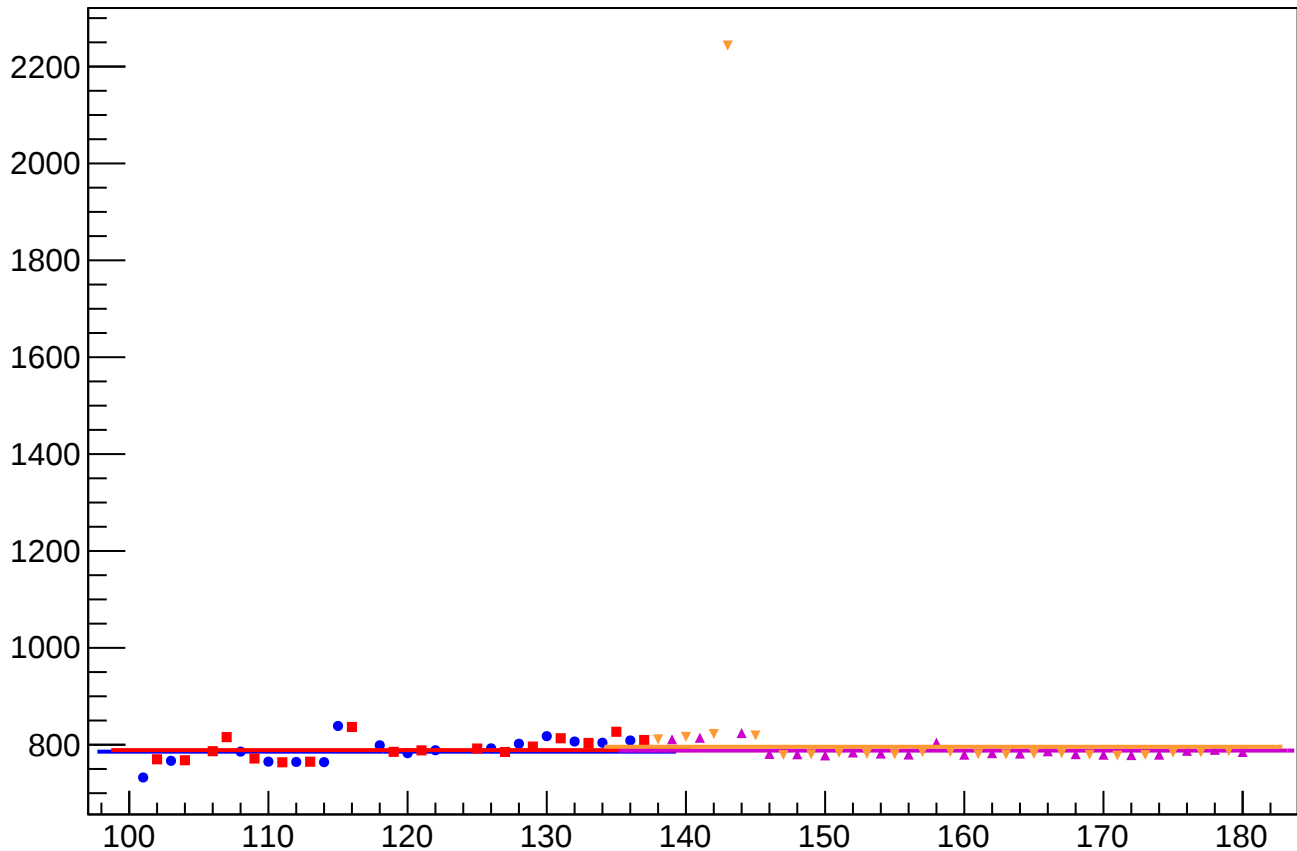
Right: -217.229 $\pm$ 213.362 χ^2 /NDF: 21.6/32

In: -281.693 $\pm$ 163.142 χ^2 /NDF:34.3/36

Out: -169.442 $\pm$ 164.137 χ^2 /NDF:32.0/38

All: -225.909 $\pm$ 115.709 χ^2 /NDF: 66.5/75

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.844+/-0.139 χ^2/NDF : 656854.2/21

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

Left In: 787.946+/-0.137 χ^2/NDF : 9088.1/20

Left: 791.837+/-0.097 χ^2/NDF : 667586.2/42

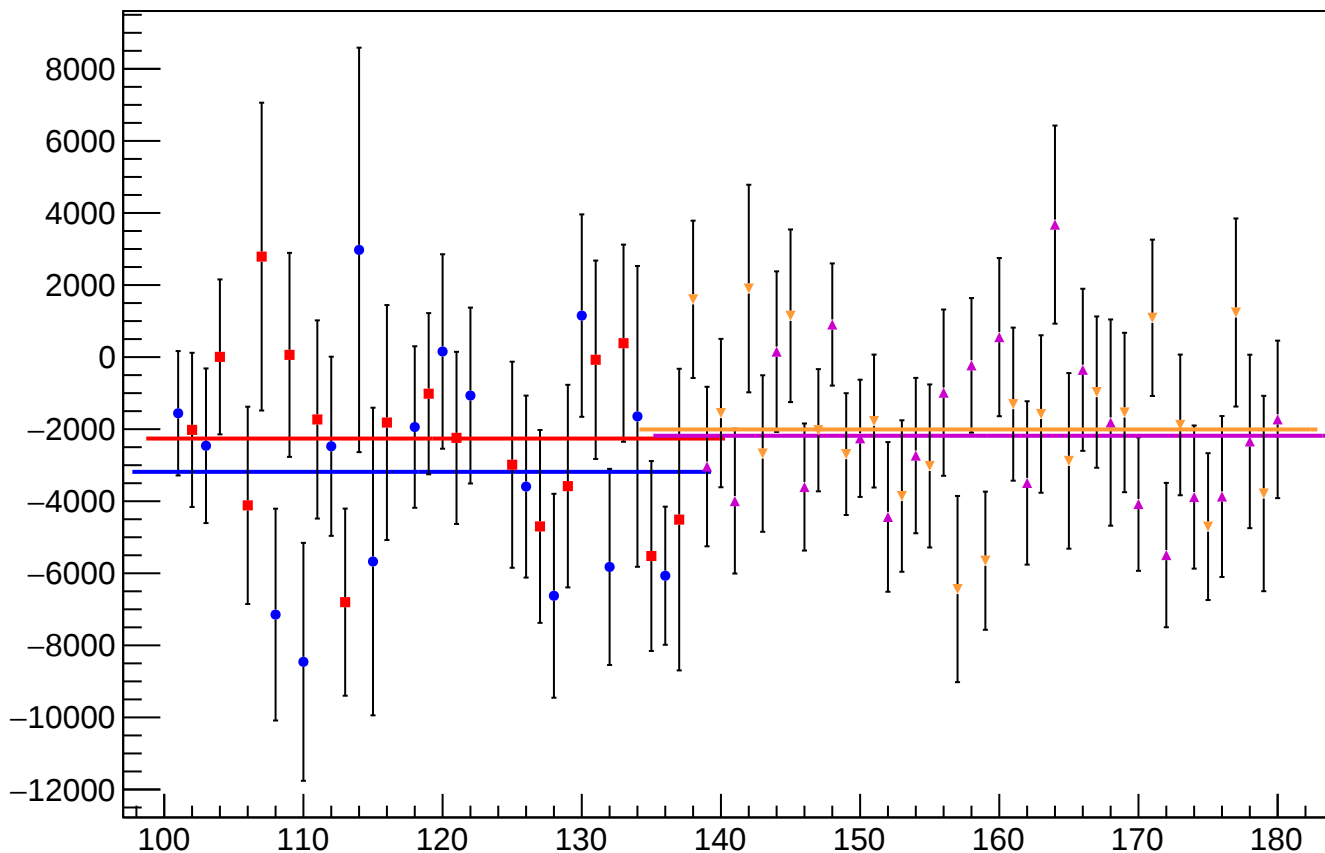
Right: 787.366+/-0.151 χ^2/NDF : 23558.6/32

In: 787.312+/-0.115 χ^2/NDF : 23084.3/36

Out: 793.772+/-0.116 χ^2/NDF : 667122.3/38

All: 790.522+/-0.082 χ^2/NDF : 691764.9/75

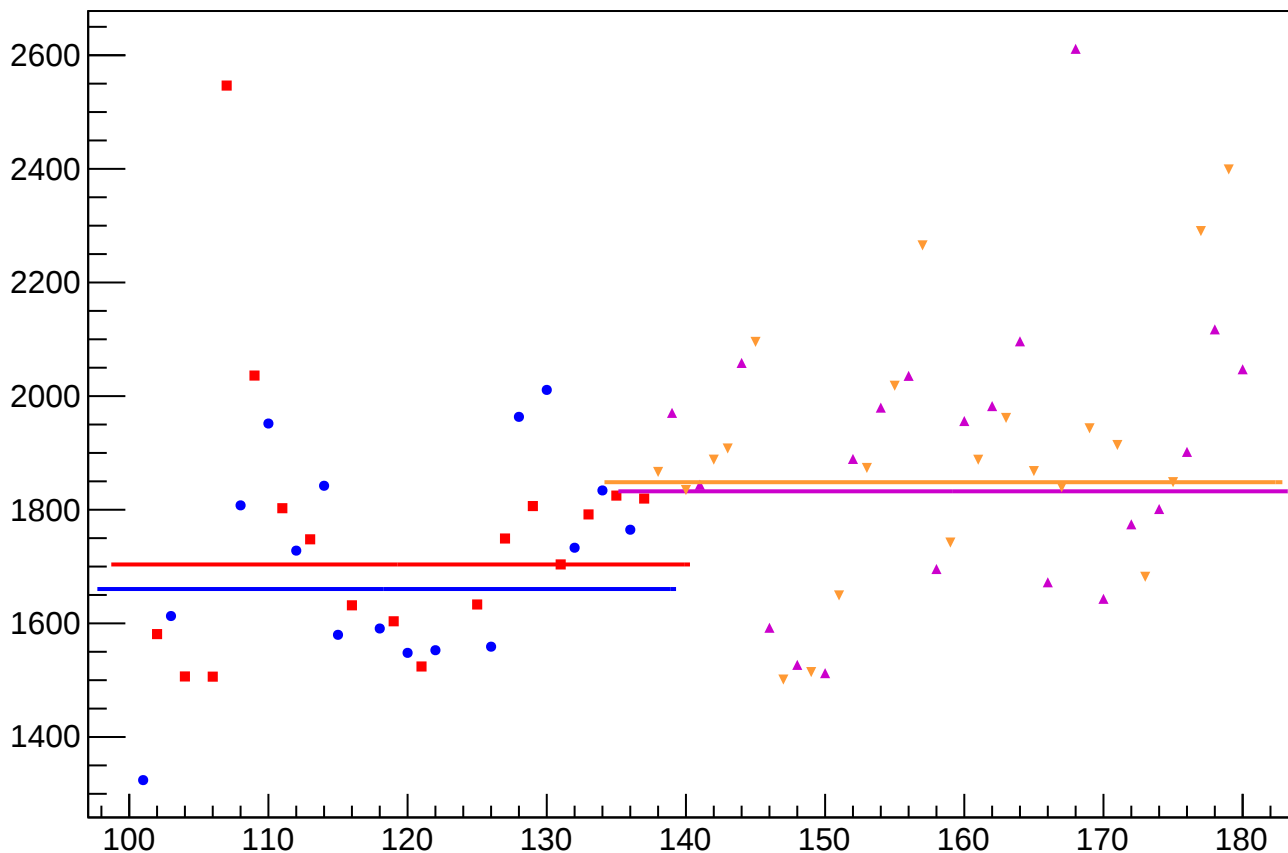
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522+/-647.361 χ^2/NDF : 16.8/15
 Left Out: -2007.652+/-455.654 χ^2/NDF :20.5/21
 Right Out: -2260.241+/-651.957 χ^2/NDF : 11.6/16
 Left In: -2183.057+/-453.973 χ^2/NDF :20.9/20

Left: -2095.679+/-321.600 χ^2/NDF : 41.4/42
 Right: -2725.651+/-459.370 χ^2/NDF : 29.4/32
 In: -2513.198+/-371.688 χ^2/NDF :39.3/36
 Out: -2090.543+/-373.479 χ^2/NDF :32.2/38
 All: -2302.887+/-263.454 χ^2/NDF : 72.1/75

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1848.490 $\pm$ 0.322 χ^2 /NDF: 444559.6/21

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

Left In: 1832.441 $\pm$ 0.321 χ^2 /NDF: 509048.3/20

Left: 1840.436 $\pm$ 0.227 χ^2 /NDF: 954853.2/42

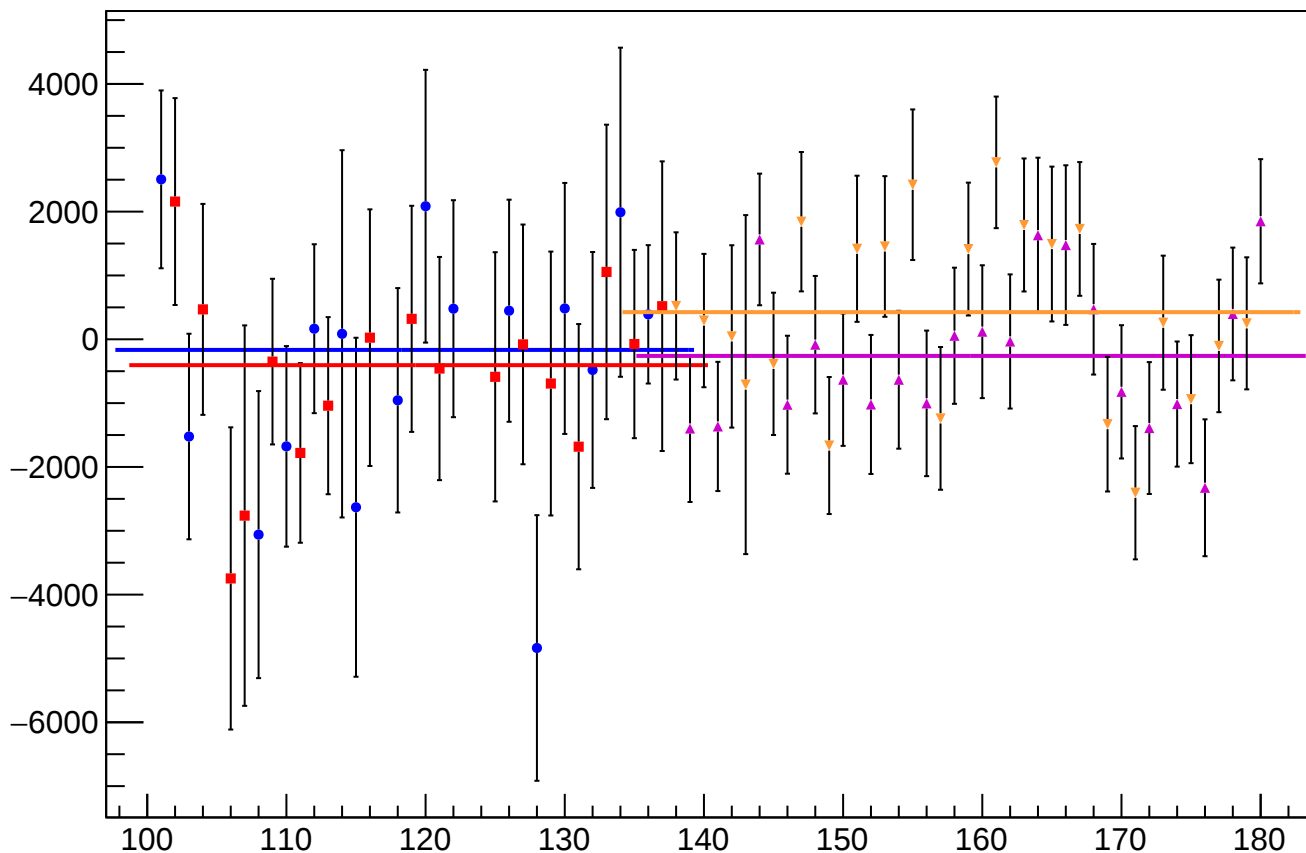
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1775.746 $\pm$ 0.263 χ^2 /NDF: 782874.7/36

Out: 1800.968 $\pm$ 0.264 χ^2 /NDF: 681876.3/38

All: 1788.297 $\pm$ 0.186 χ^2 /NDF: 1469333.6/75

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 425.059+/-236.529 χ^2/NDF : 35.4/21

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

Left In: -260.470+/-232.386 χ^2/NDF : 23.0/20

Left: 76.238+/-165.767 χ^2/NDF : 62.7/42

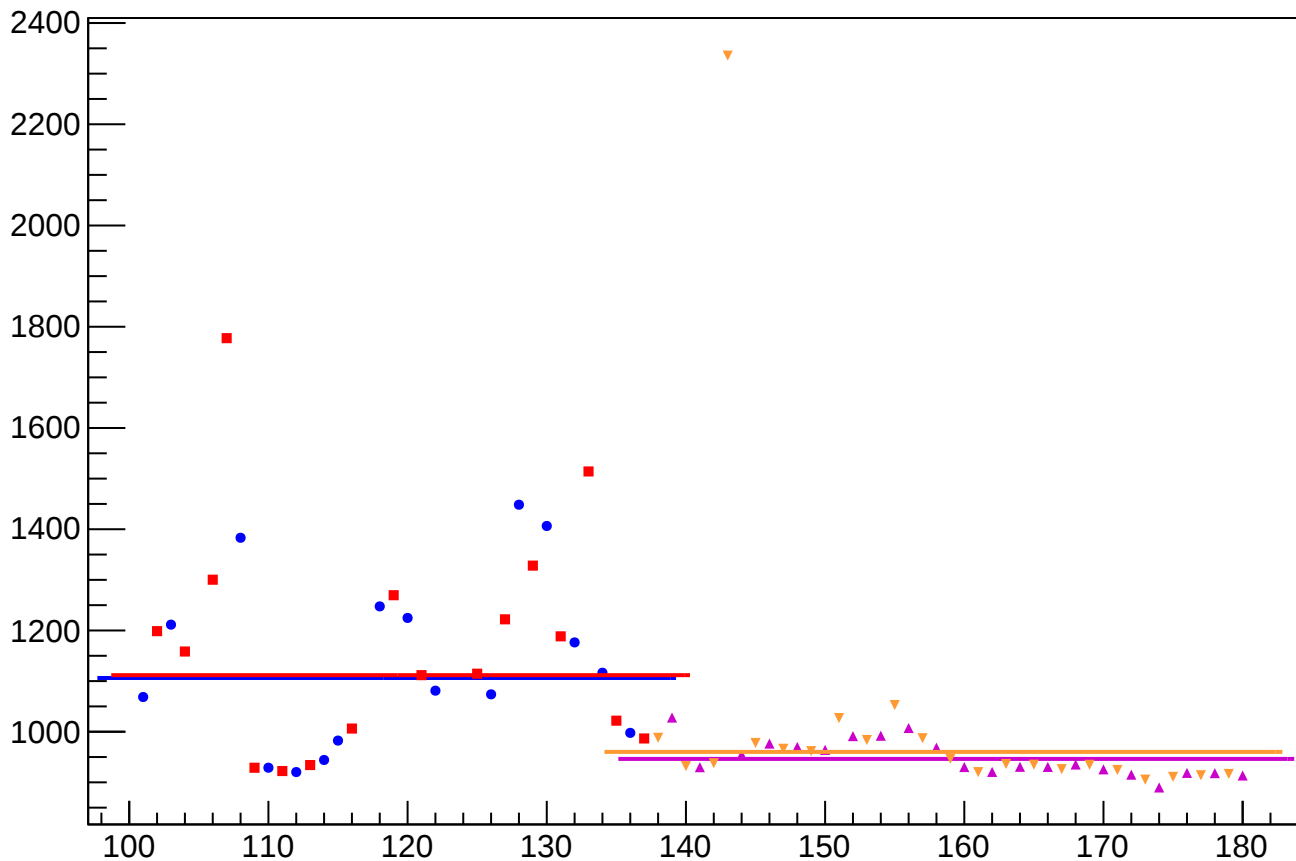
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -239.401+/-204.727 χ^2/NDF : 38.7/36

Out: 231.224+/-207.089 χ^2/NDF : 46.2/38

All: -6.788+/-145.592 χ^2/NDF : 87.4/75

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159 $\pm$ 0.306 χ^2 /NDF: 259917.7/15

Left Out: 960.148 $\pm$ 0.167 χ^2 /NDF: 590123.6/21

Right Out: 1111.726 $\pm$ 0.303 χ^2 /NDF: 356388.5/16

Left In: 946.287 $\pm$ 0.164 χ^2 /NDF: 44290.7/20

Left: 953.095 $\pm$ 0.117 χ^2 /NDF: 637909.0/42

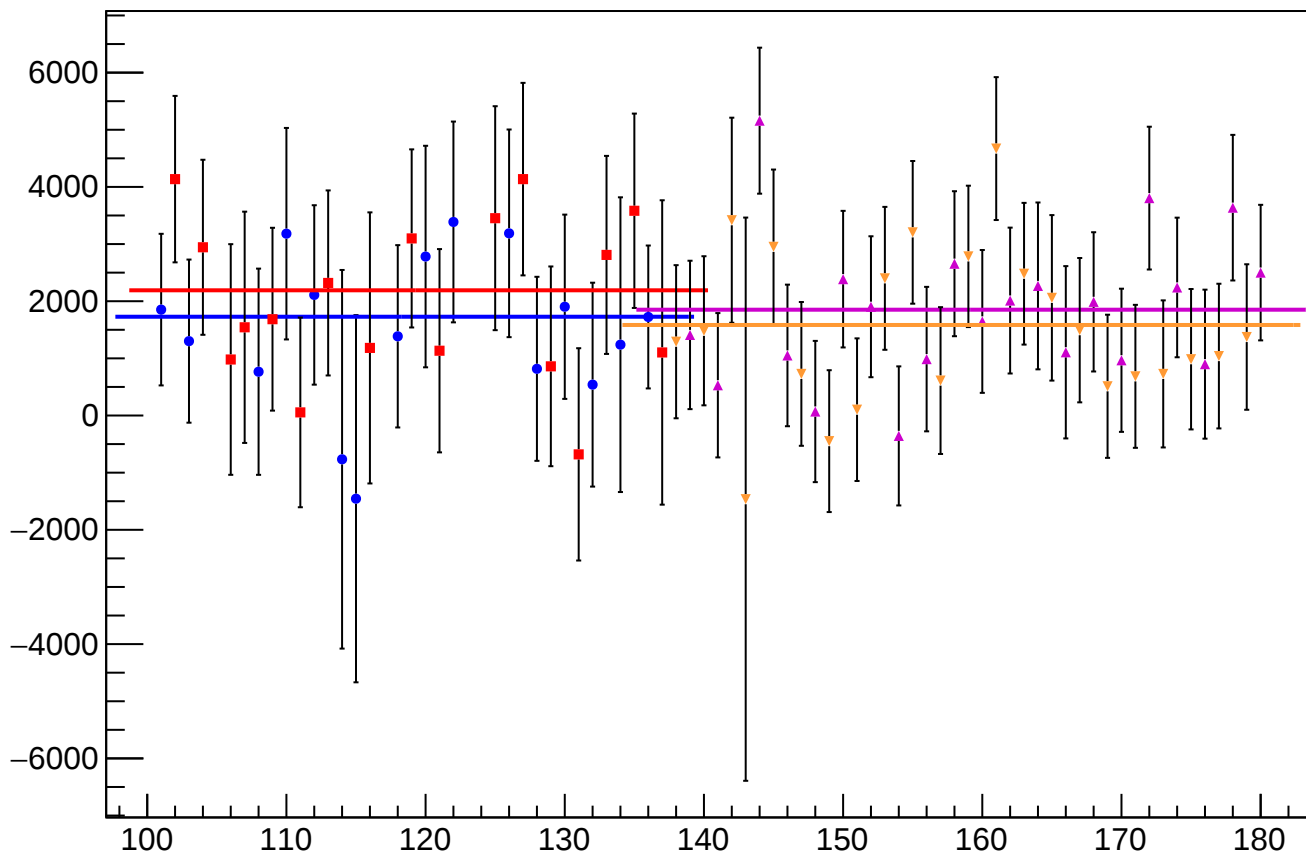
Right: 1108.969 $\pm$ 0.215 χ^2 /NDF: 616473.4/32

In: 982.079 $\pm$ 0.145 χ^2 /NDF: 516126.4/36

Out: 995.532 $\pm$ 0.146 χ^2 /NDF: 1138249.6/38

All: 988.729 $\pm$ 0.103 χ^2 /NDF: 1658644.4/75

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1584.167 $\pm$ 280.757 χ^2 /NDF:19.6/21

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

Left In: 1851.427 $\pm$ 276.064 χ^2 /NDF:21.0/20

Left: 1720.049 $\pm$ 196.845 χ^2 /NDF: 41.0/42

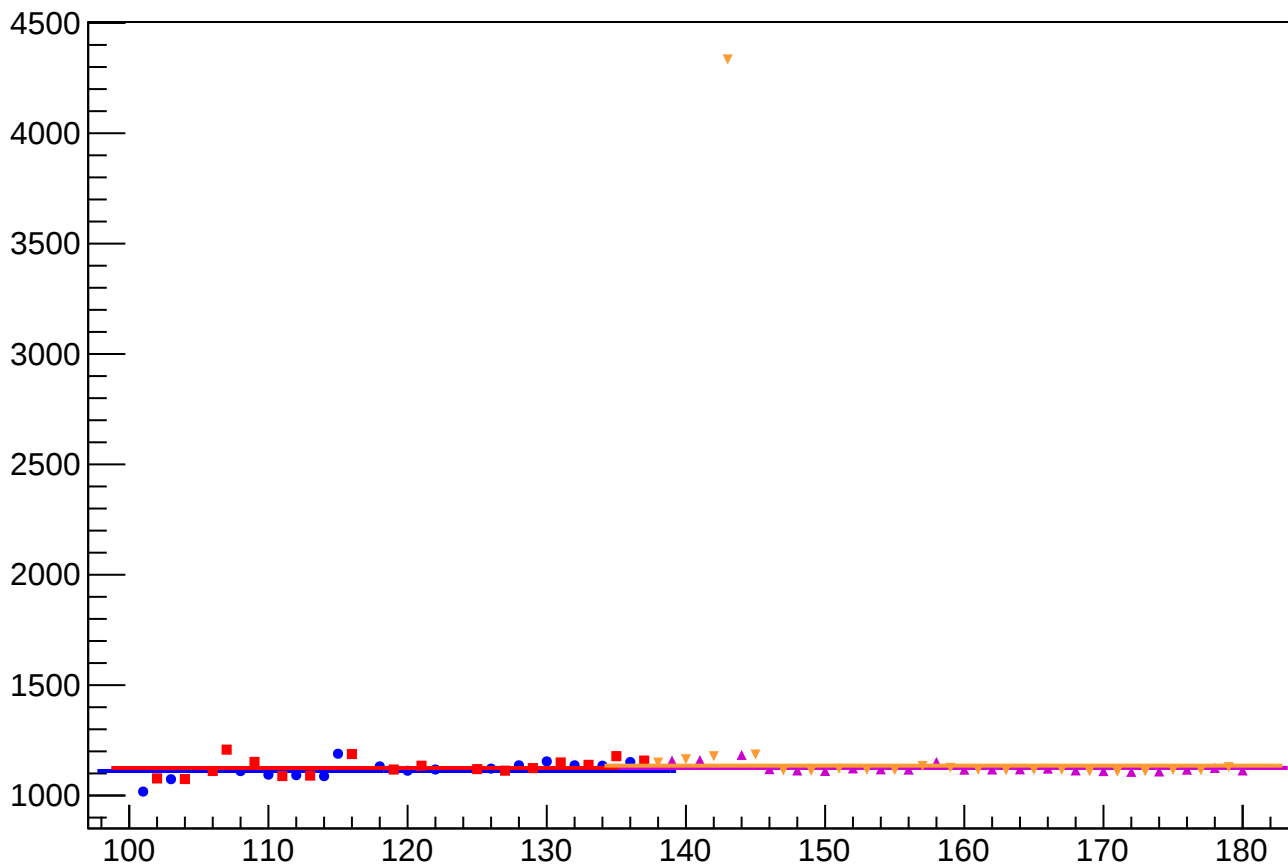
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1815.514 $\pm$ 232.278 χ^2 /NDF:26.4/36

Out: 1767.187 $\pm$ 234.627 χ^2 /NDF:31.8/38

All: 1791.593 $\pm$ 165.069 χ^2 /NDF: 58.2/75

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1135.333 $\pm$ 0.199 χ^2 /NDF: 856187.8/21

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

Left In: 1124.891 $\pm$ 0.195 χ^2 /NDF: 10260.9/20

Left: 1130.024 $\pm$ 0.139 χ^2 /NDF: 867855.4/42

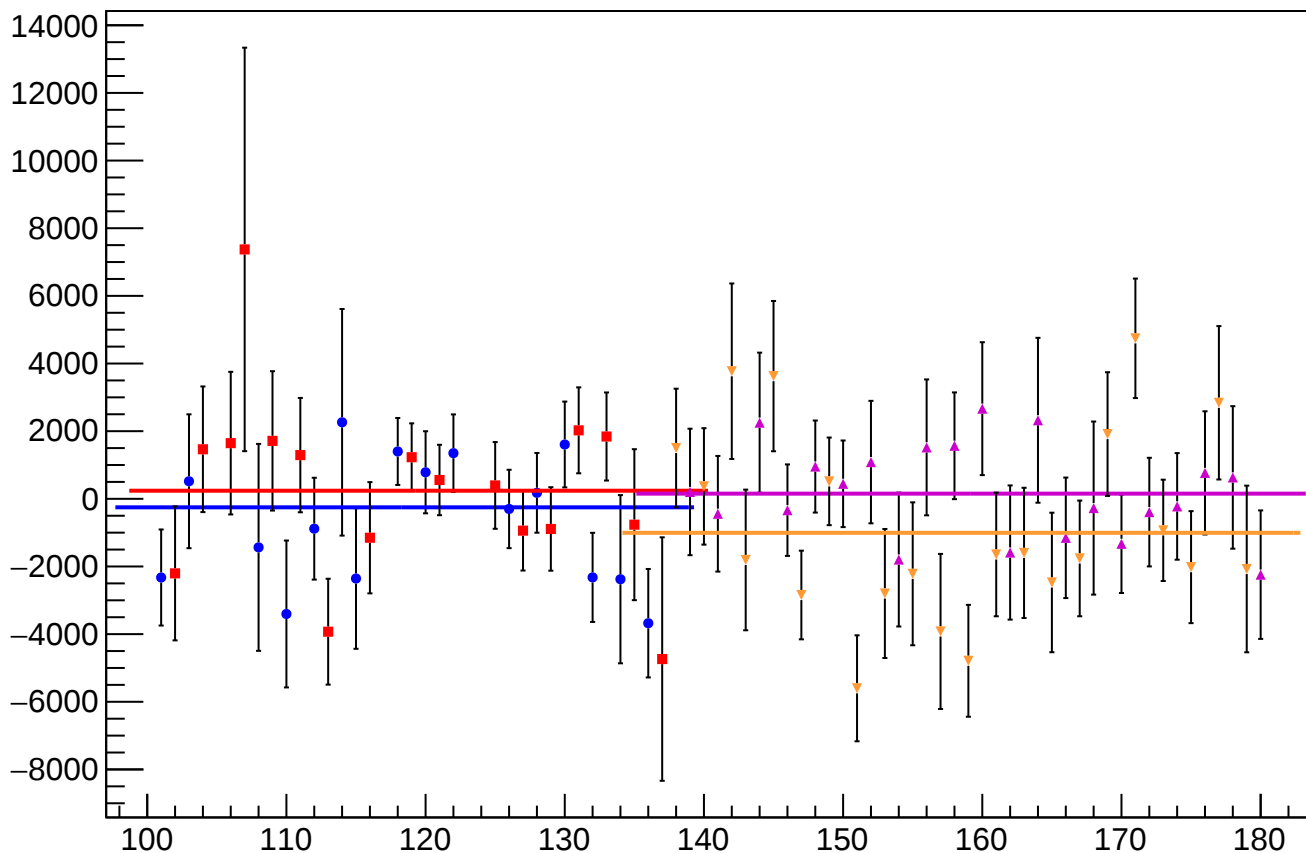
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1120.846 $\pm$ 0.164 χ^2 /NDF: 29821.9/36

Out: 1132.070 $\pm$ 0.166 χ^2 /NDF: 871684.2/38

All: 1126.402 $\pm$ 0.117 χ^2 /NDF: 903817.5/75

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1005.035 $\pm$ 382.852 χ^2/NDF : 48.1/21

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

Left In: 153.408 $\pm$ 378.358 χ^2/NDF : 10.9/20

Left: -418.974 $\pm$ 269.114 χ^2/NDF : 63.6/42

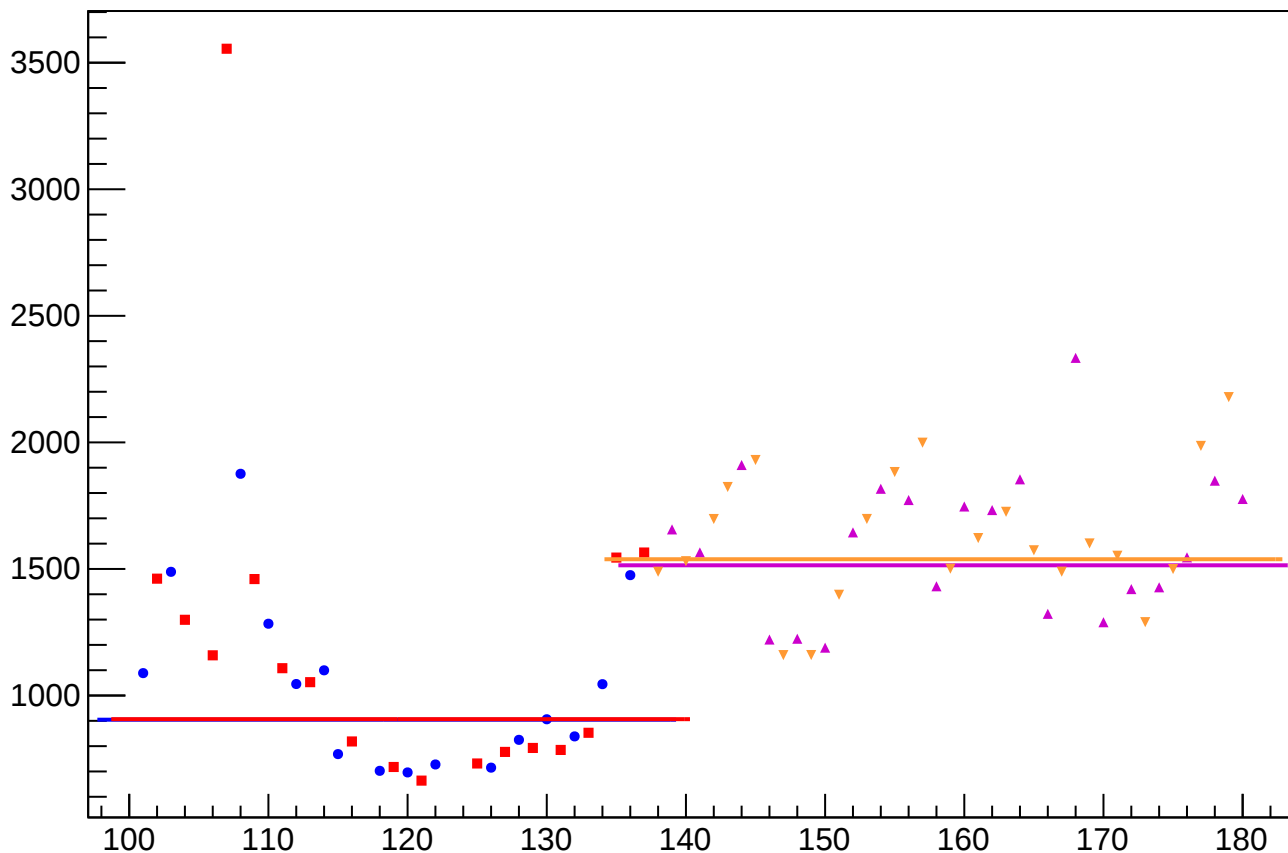
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -56.257 $\pm$ 262.671 χ^2/NDF : 33.3/36

Out: -350.911 $\pm$ 263.740 χ^2/NDF : 74.7/38

All: -202.986 $\pm$ 186.113 χ^2/NDF : 108.7/75

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1538.383+/-0.271 χ^2/NDF : 908931.5/21

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

Left In: 1514.462+/-0.268 χ^2/NDF : 965139.4/20

Left: 1526.282+/-0.190 χ^2/NDF : 1878020.8/42

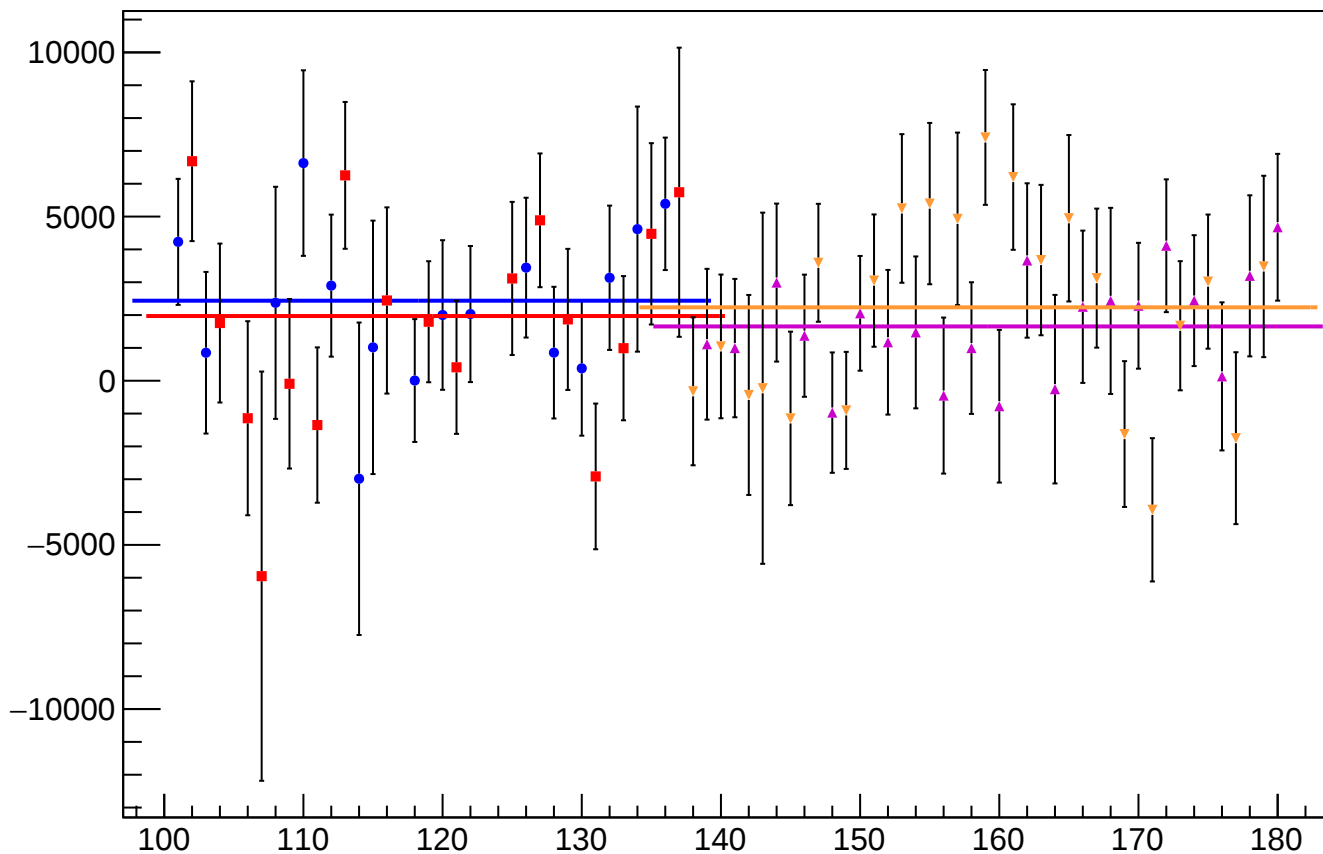
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1198.477+/-0.186 χ^2/NDF : 4679027.1/36

Out: 1206.414+/-0.186 χ^2/NDF : 5146794.6/38

All: 1202.429+/-0.132 χ^2/NDF : 9826731.0/75

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2236.000 $\pm$ 484.110 χ^2/NDF : 37.6/21

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

Left In: 1653.707 $\pm$ 474.087 χ^2/NDF : 10.4/20

Left: 1938.763 $\pm$ 338.718 χ^2/NDF : 48.6/42

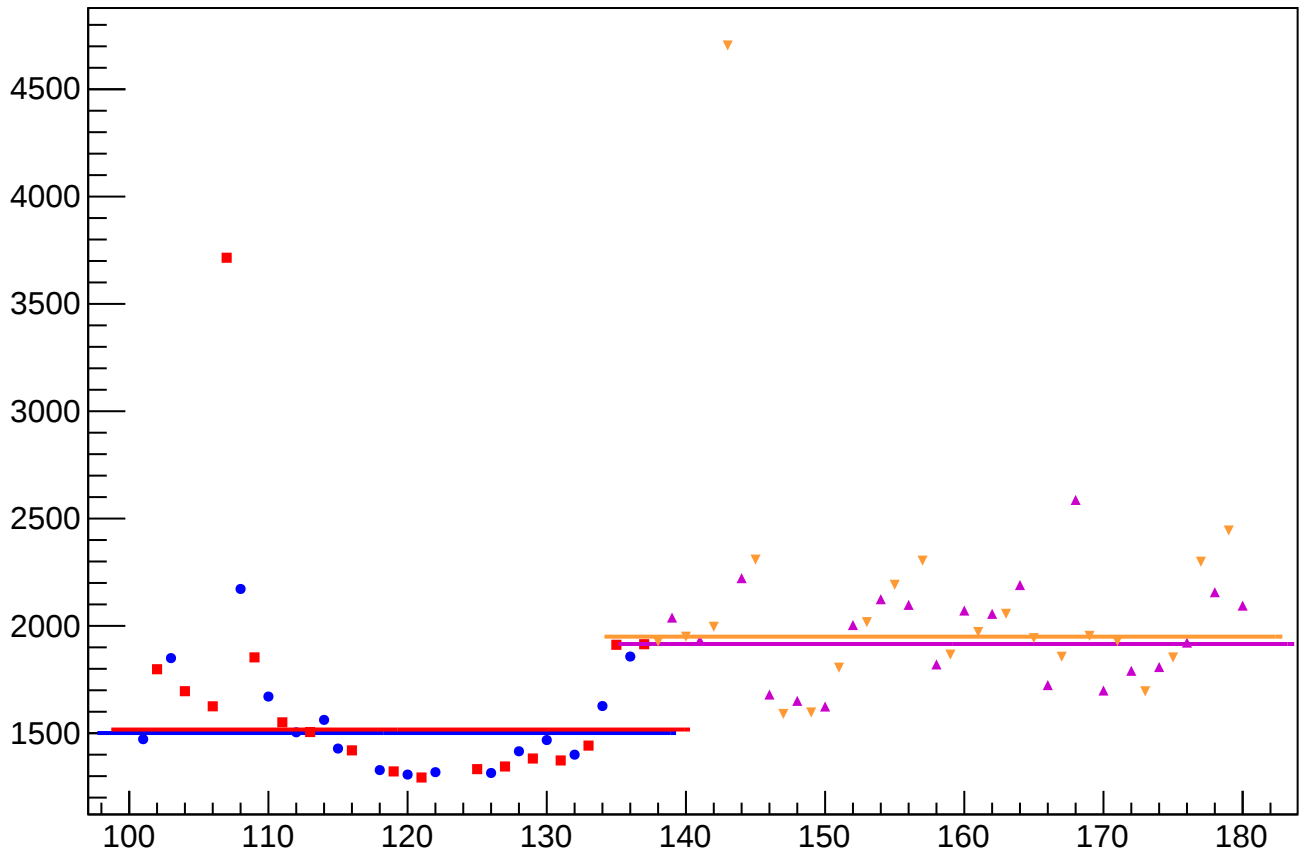
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1963.627 $\pm$ 368.629 χ^2/NDF : 22.6/36

Out: 2128.425 $\pm$ 373.394 χ^2/NDF : 60.0/38

All: 2044.967 $\pm$ 262.329 χ^2/NDF : 82.7/75

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1949.815 ± 0.342 $\chi^2/\text{NDF}: 944174.5/21$

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

Left In: 1915.633 ± 0.335 $\chi^2/\text{NDF}: 434832.8/20$

Left: 1932.366 ± 0.240 $\chi^2/\text{NDF}: 1384097.0/42$

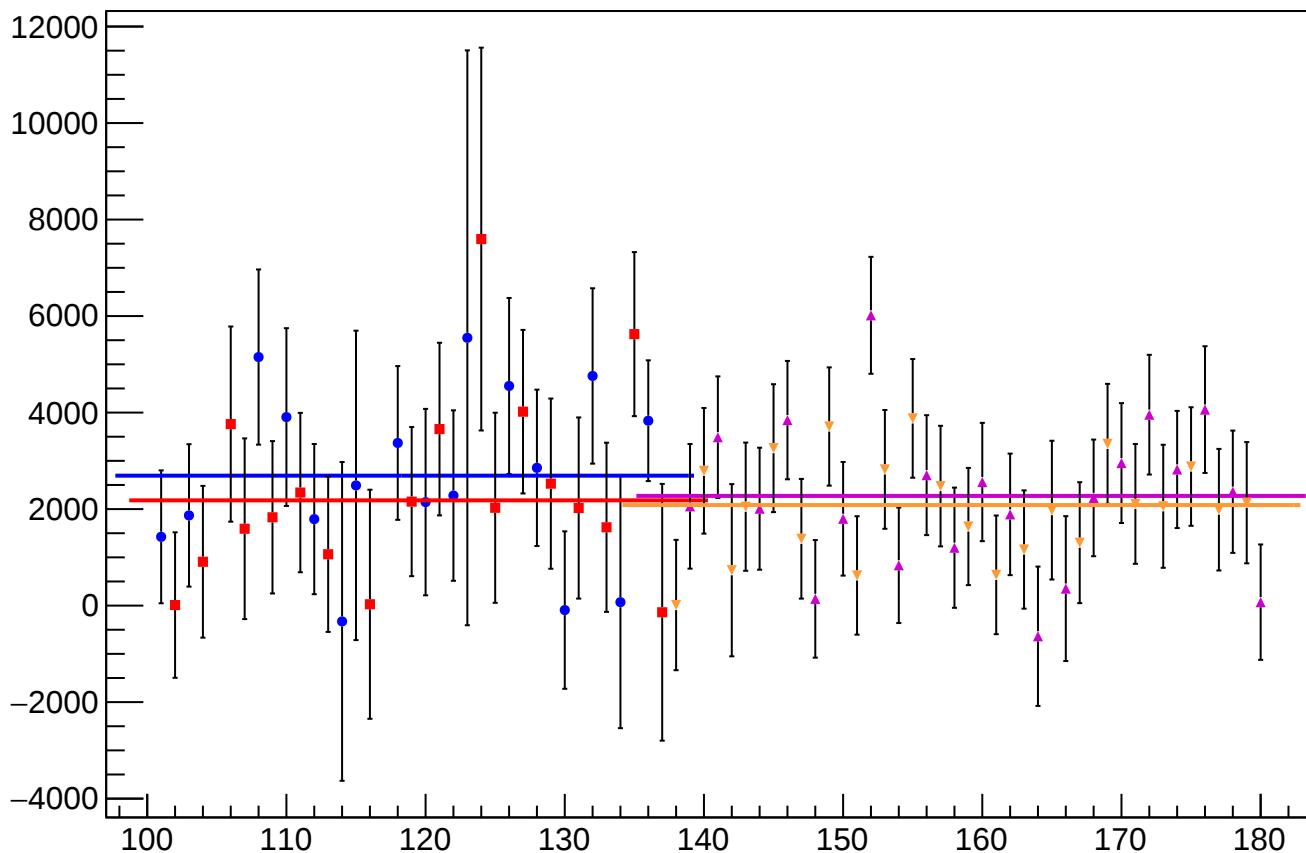
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1751.618 ± 0.261 $\chi^2/\text{NDF}: 1296459.7/36$

Out: 1774.532 ± 0.264 $\chi^2/\text{NDF}: 2066457.2/38$

All: 1762.928 ± 0.185 $\chi^2/\text{NDF}: 3366731.3/75$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2083.853 $\pm$ 272.232 χ^2 /NDF:14.1/21

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

Left In: 2273.280 $\pm$ 273.495 χ^2 /NDF:31.2/20

Left: 2178.128 $\pm$ 192.942 χ^2 /NDF: 45.4/42

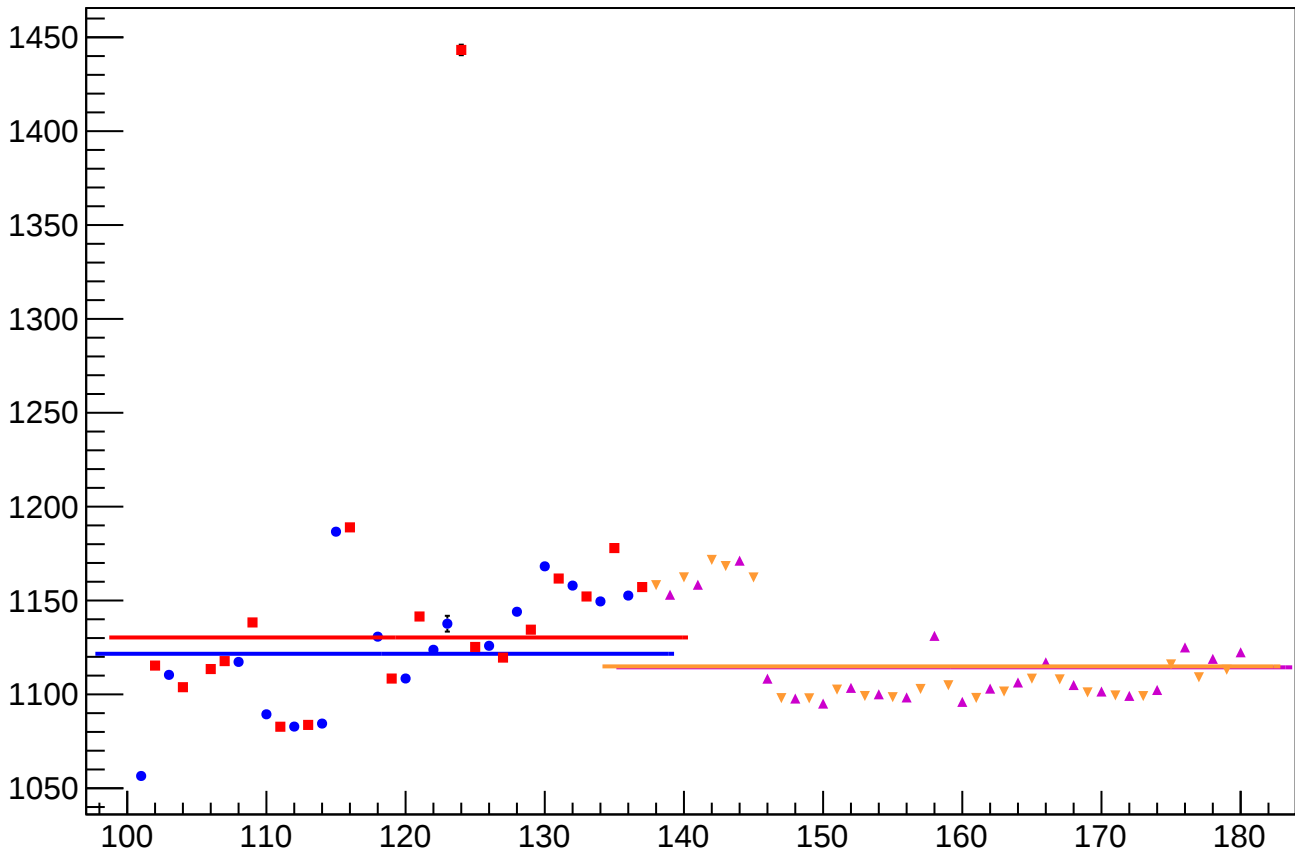
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2393.128 $\pm$ 231.173 χ^2 /NDF:44.1/37

Out: 2112.068 $\pm$ 229.307 χ^2 /NDF:27.6/39

All: 2251.459 $\pm$ 162.800 χ^2 /NDF: 72.4/77

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1114.906 $\pm$ 0.192 χ^2 /NDF: 16114.9/21

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

Left In: 1114.407 $\pm$ 0.193 χ^2 /NDF: 12135.0/20

Left: 1114.657 $\pm$ 0.136 χ^2 /NDF: 28253.2/42

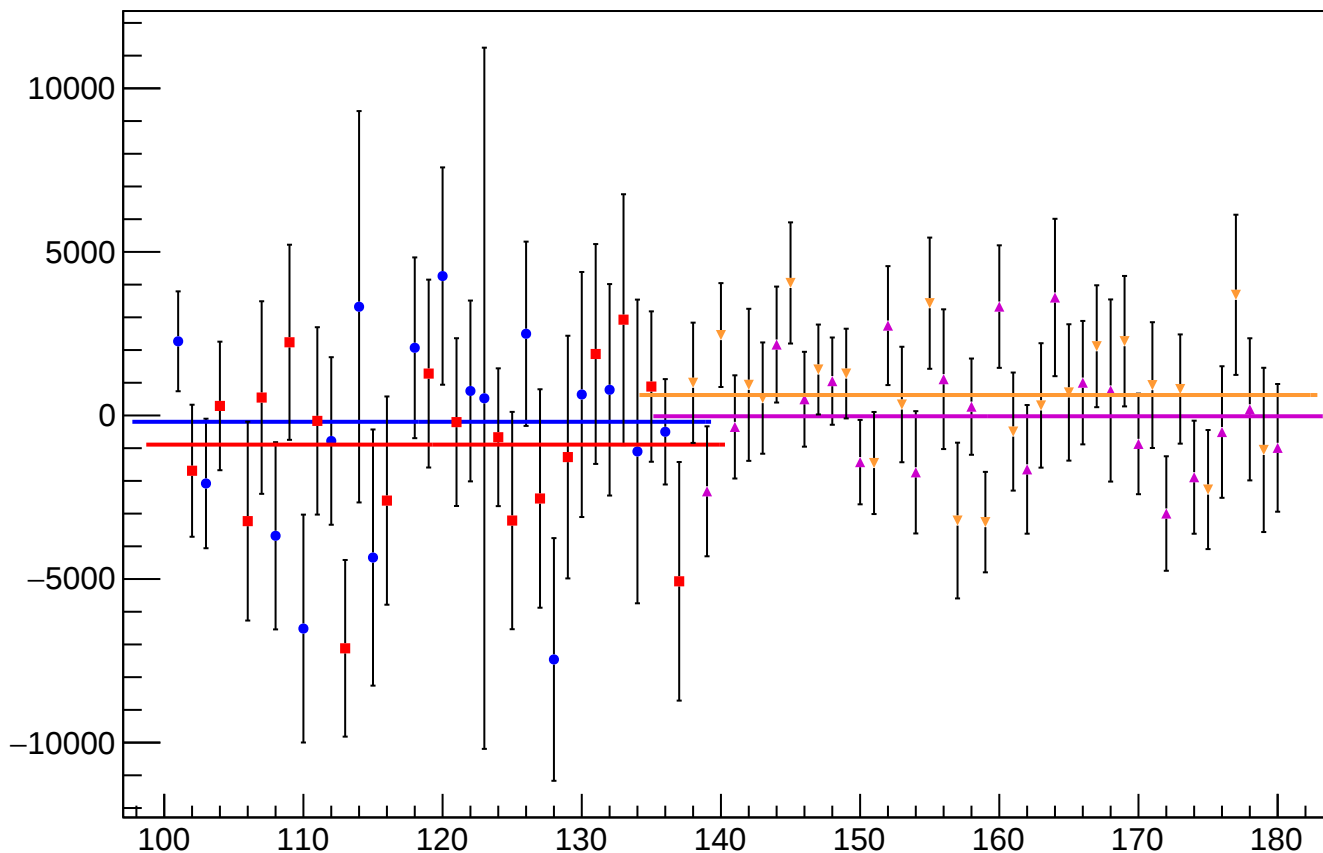
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.468 $\pm$ 0.163 χ^2 /NDF: 24513.2/37

Out: 1119.382 $\pm$ 0.162 χ^2 /NDF: 39252.7/39

All: 1117.937 $\pm$ 0.115 χ^2 /NDF: 63926.1/77

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 625.272 $\pm$ 384.408 χ^2/NDF : 24.4/21

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

Left In: -24.094 $\pm$ 383.075 χ^2/NDF : 19.6/20

Left: 299.462 $\pm$ 271.345 χ^2/NDF : 45.4/42

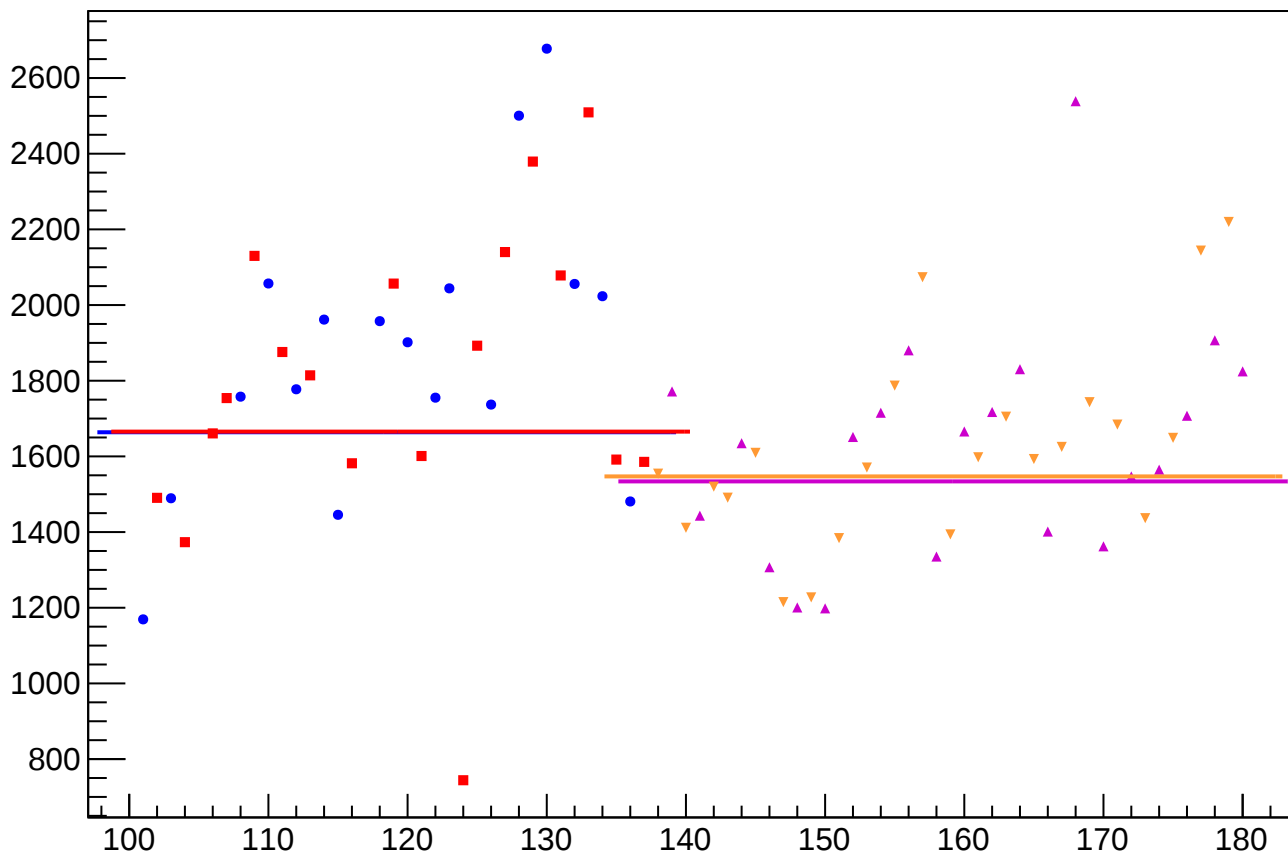
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

In: -66.706 $\pm$ 331.357 χ^2/NDF : 37.0/37

Out: 231.824 $\pm$ 330.797 χ^2/NDF : 41.6/39

All: 82.812 $\pm$ 234.107 χ^2/NDF : 78.9/77

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1547.108 $\pm$ 0.272 χ^2 /NDF: 740369.1/21

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

Left In: 1533.912 $\pm$ 0.271 χ^2 /NDF: 939028.5/20

Left: 1540.487 $\pm$ 0.192 χ^2 /NDF: 1680580.1/42

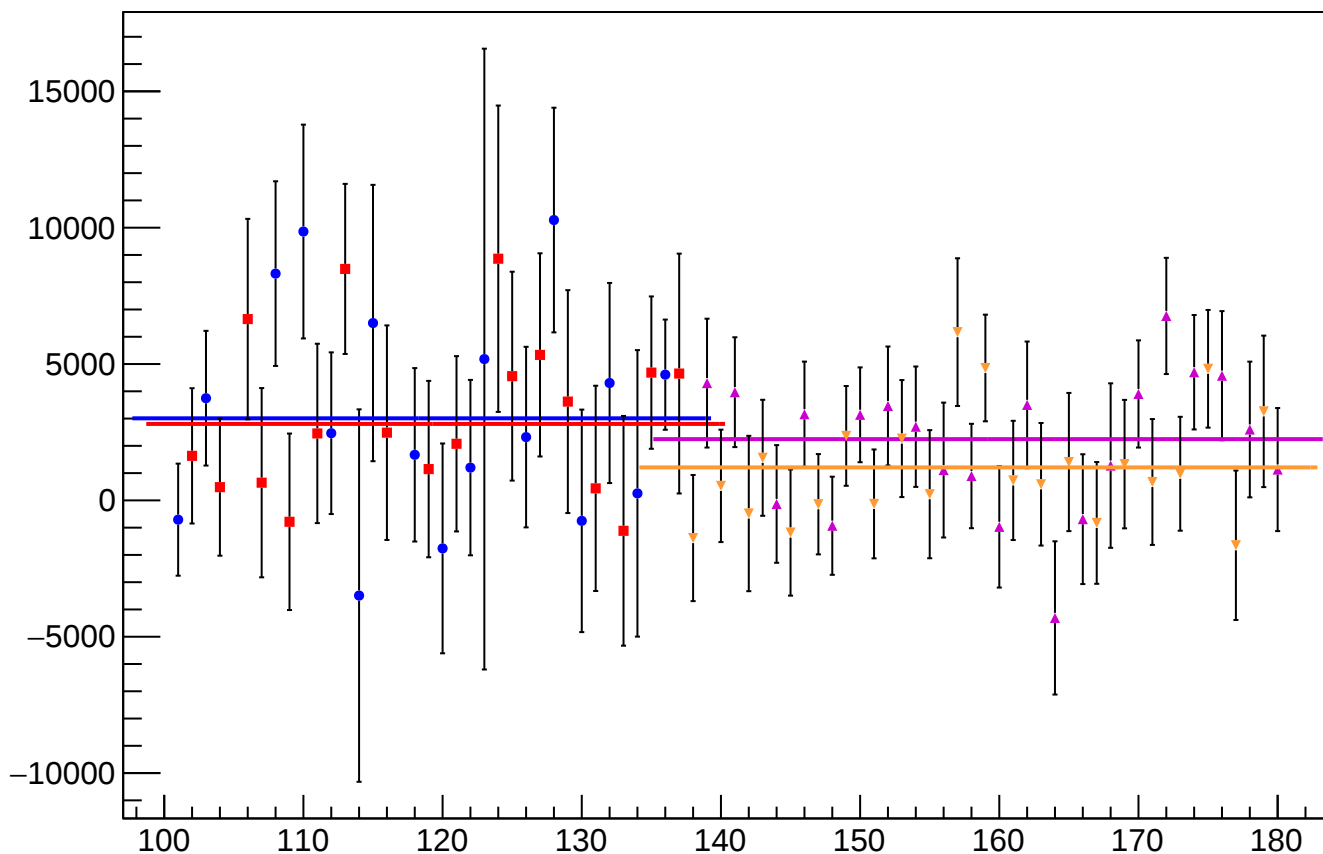
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1566.611 $\pm$ 0.234 χ^2 /NDF: 1619381.6/37

Out: 1577.819 $\pm$ 0.234 χ^2 /NDF: 1592357.9/39

All: 1572.224 $\pm$ 0.166 χ^2 /NDF: 3212885.5/77

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1209.423+/-474.915 χ^2/NDF : 16.9/21

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

Left In: 2245.706+/-474.411 χ^2/NDF : 24.6/20

Left: 1728.114+/-335.637 χ^2/NDF : 43.9/42

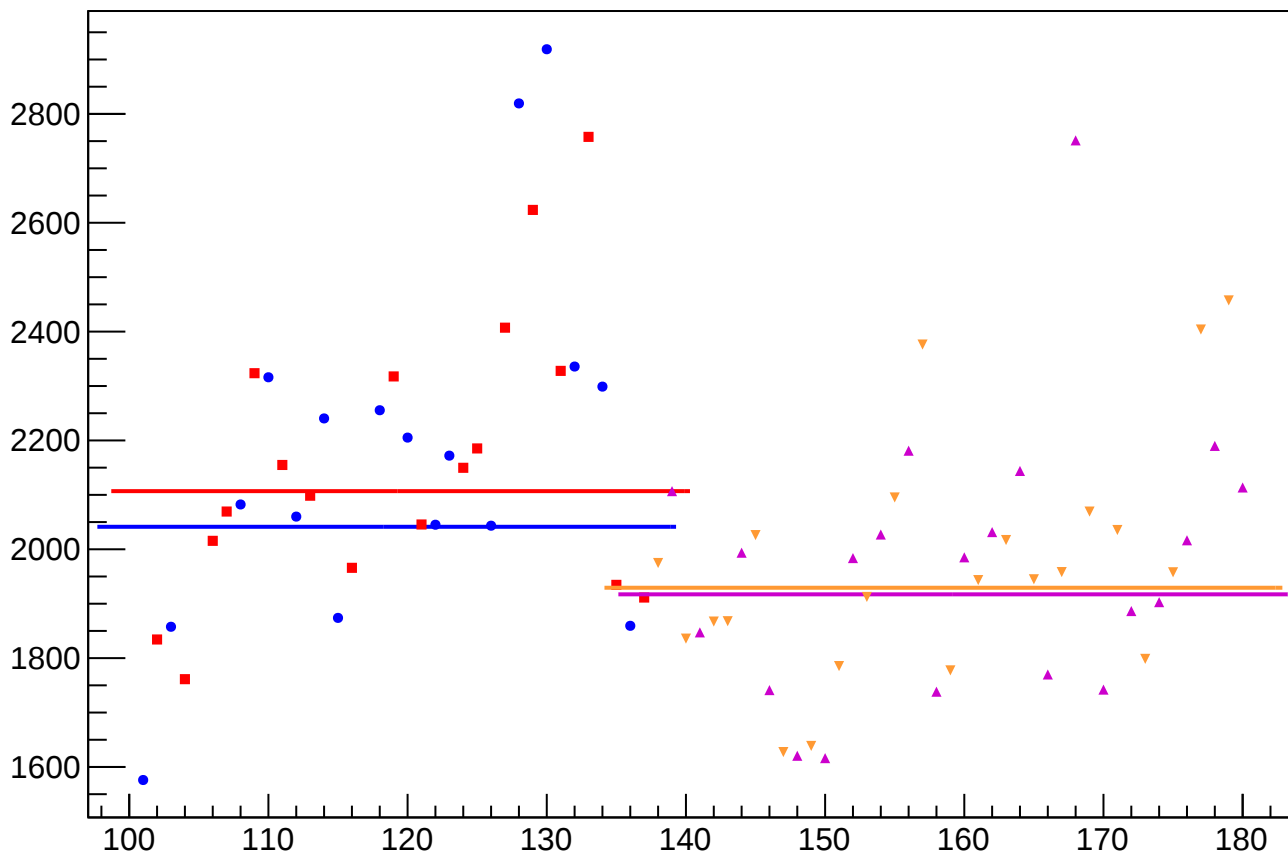
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2444.473+/-408.010 χ^2/NDF : 42.7/37

Out: 1625.247+/-408.322 χ^2/NDF : 31.1/39

All: 2035.174+/-288.617 χ^2/NDF : 75.7/77

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1929.340 $\pm$ 0.336 χ^2 /NDF:357653.2/21

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

Left In: 1917.218 $\pm$ 0.335 χ^2 /NDF:435246.8/20

Left: 1923.272 $\pm$ 0.237 χ^2 /NDF: 793552.2/42

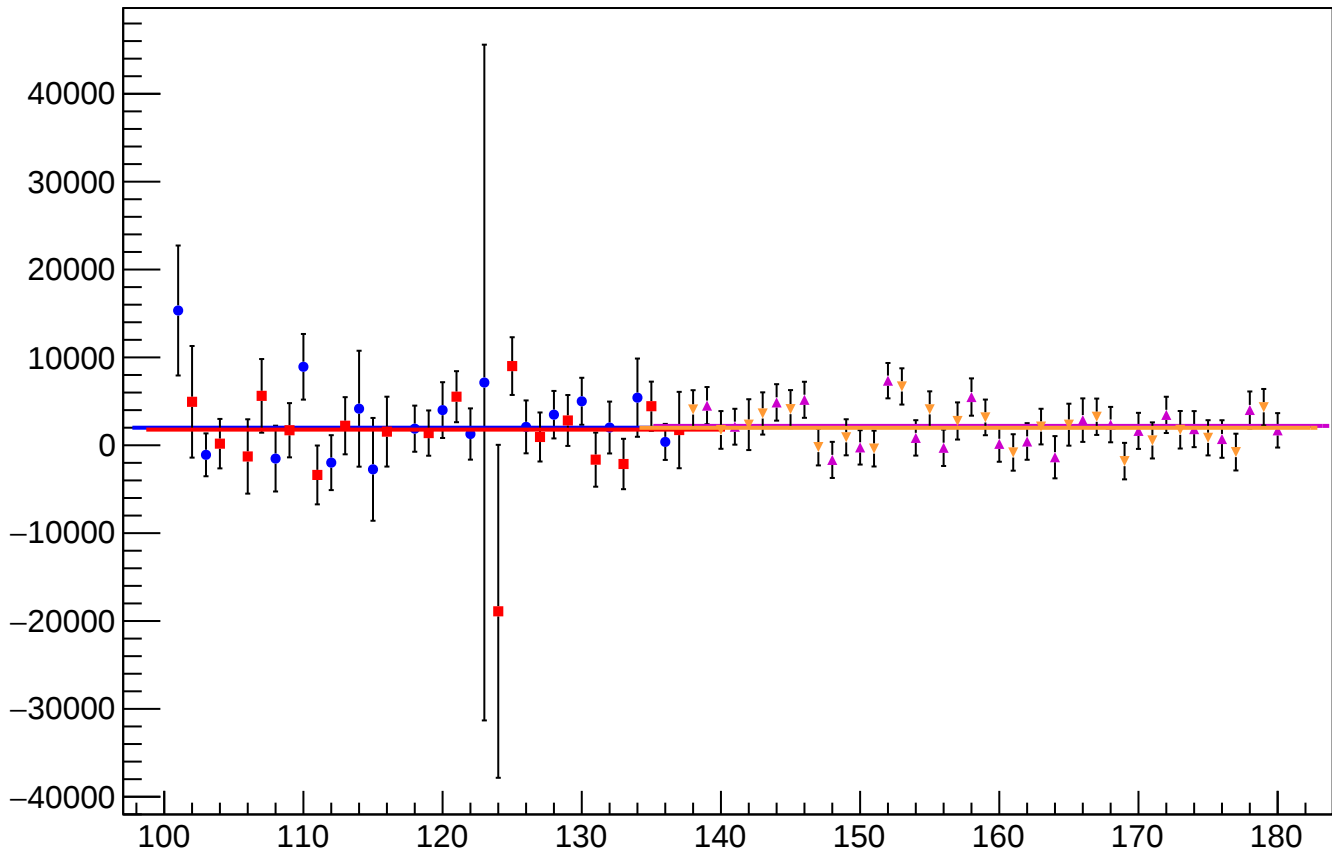
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1949.534 $\pm$ 0.289 χ^2 /NDF:809330.6/37

Out: 1975.629 $\pm$ 0.289 χ^2 /NDF:627234.1/39

All: 1962.572 $\pm$ 0.204 χ^2 /NDF: 1440652.1/77

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1987.669+/-453.630 χ^2/NDF : 21.2/21

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

Left In: 2205.108+/-454.160 χ^2/NDF : 26.7/20

Left: 2096.261+/-320.952 χ^2/NDF : 48.0/42

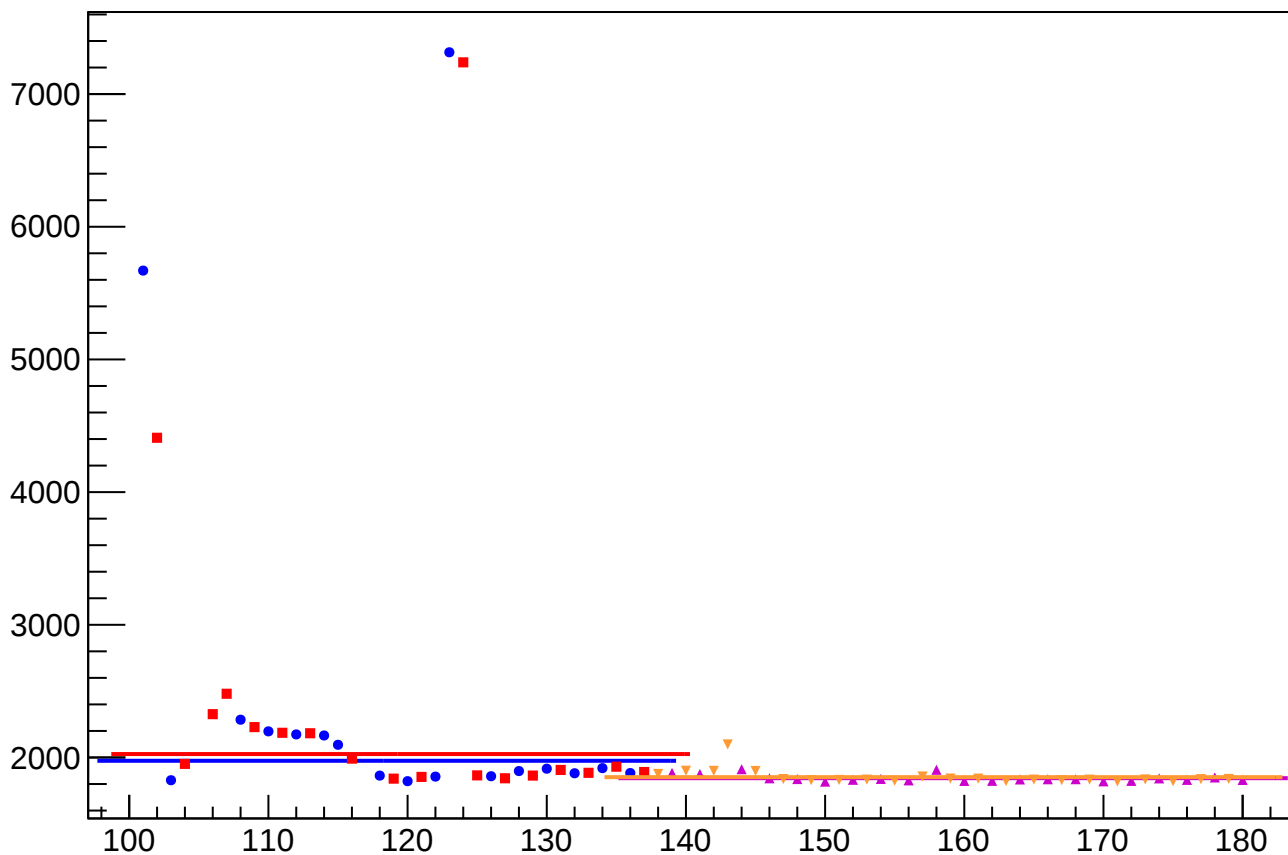
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2153.312+/-392.683 χ^2/NDF : 41.5/37

Out: 1935.825+/-392.368 χ^2/NDF : 37.5/39

All: 2044.481+/-277.557 χ^2/NDF : 79.2/77

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1851.756+/-0.321 χ^2/NDF : 27161.3/21

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

Left In: 1844.016+/-0.321 χ^2/NDF : 6782.6/20

Left: 1847.891+/-0.227 χ^2/NDF : 34234.8/42

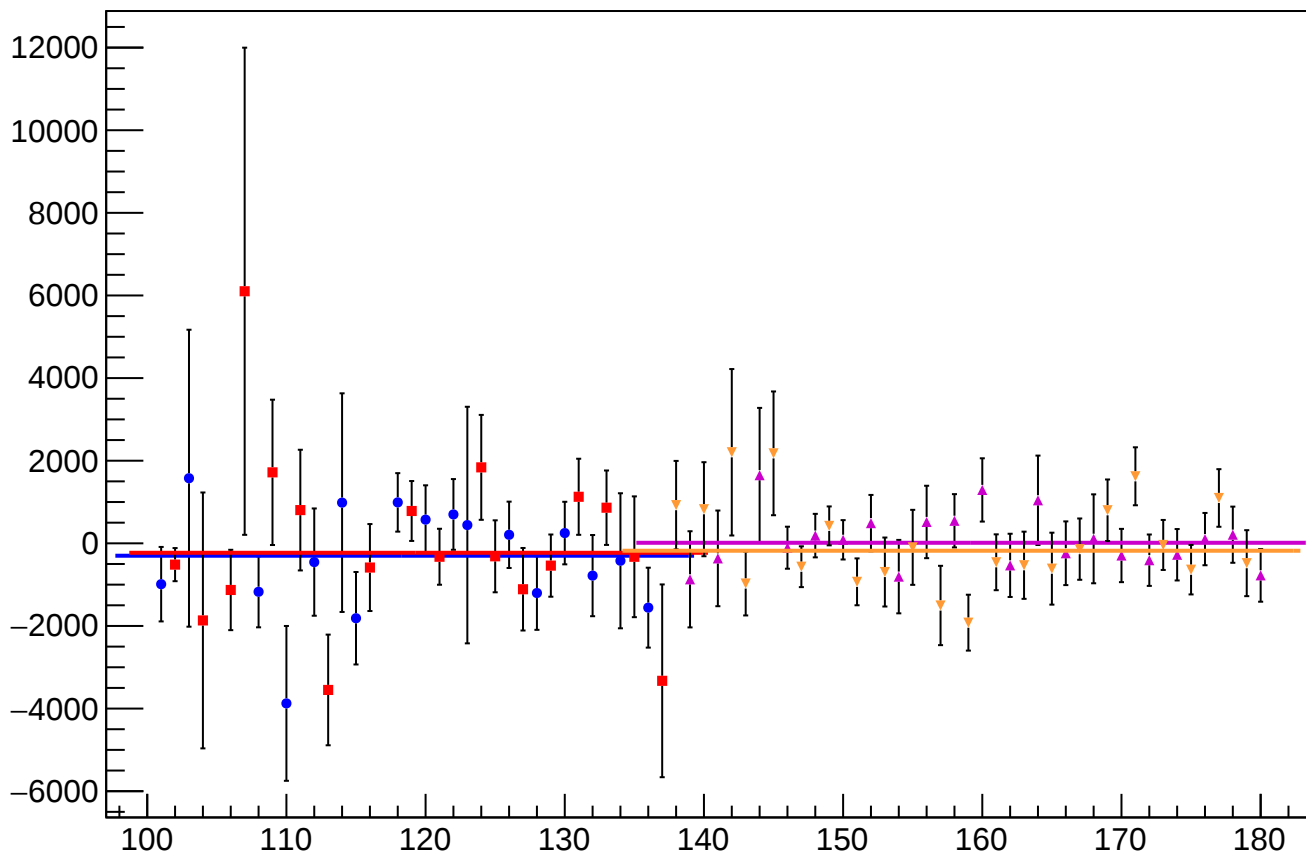
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1877.104+/-0.278 χ^2/NDF : 648674.8/37

Out: 1895.609+/-0.277 χ^2/NDF : 636755.0/39

All: 1886.364+/-0.196 χ^2/NDF : 1287652.1/77

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -179.303 $\pm$ 155.314 χ^2 /NDF:32.8/21

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

Left In: 13.282 $\pm$ 153.652 χ^2 /NDF:11.1/20

Left: -81.974 $\pm$ 109.231 χ^2 /NDF: 44.6/42

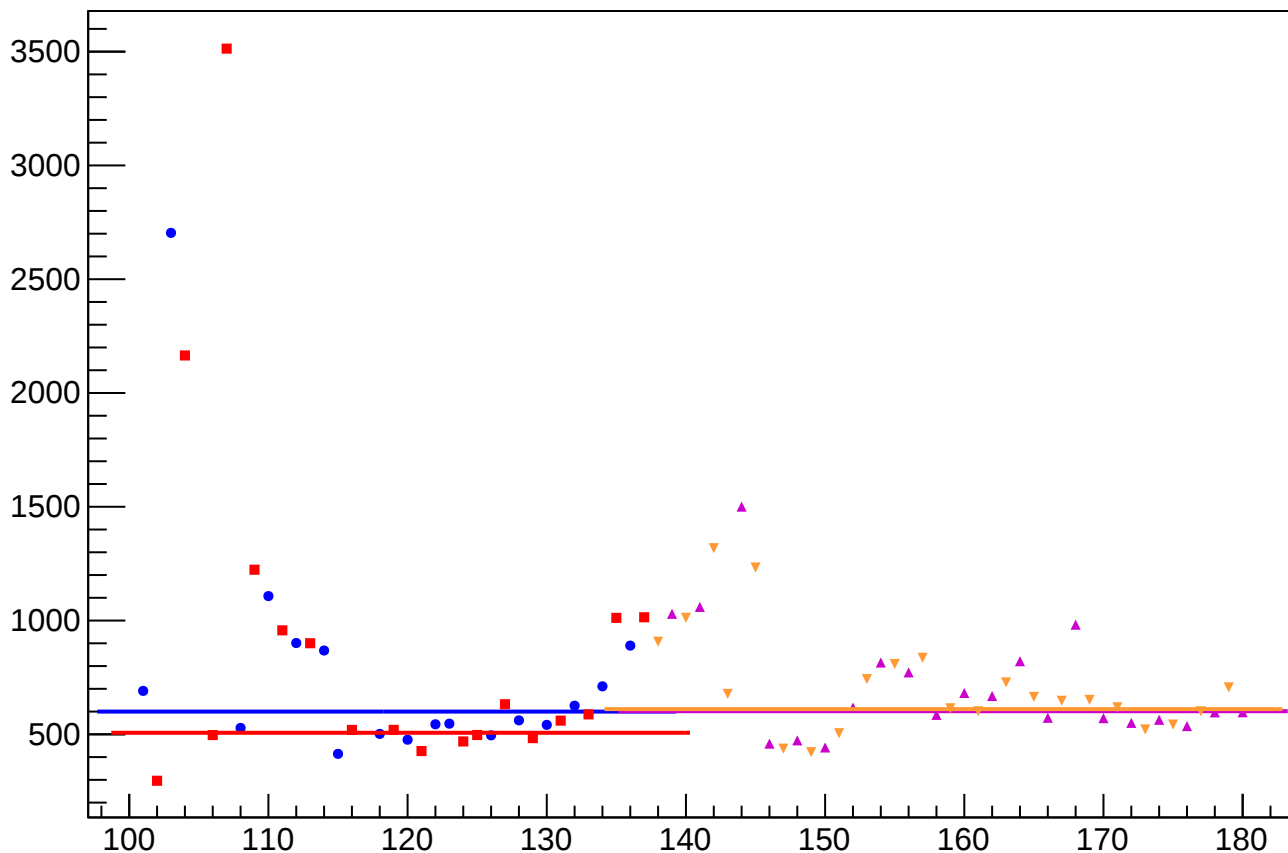
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

In: -74.320 $\pm$ 130.411 χ^2 /NDF:29.6/37

Out: -196.209 $\pm$ 126.025 χ^2 /NDF:54.6/39

All: -137.349 $\pm$ 90.624 χ^2 /NDF: 84.6/77

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 610.829 $\pm$ 0.110 χ^2 /NDF:2063101.4/21

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

Left In: 601.646 $\pm$ 0.109 χ^2 /NDF:2305125.5/20

Left: 606.188 $\pm$ 0.077 χ^2 /NDF: 4371760.1/42

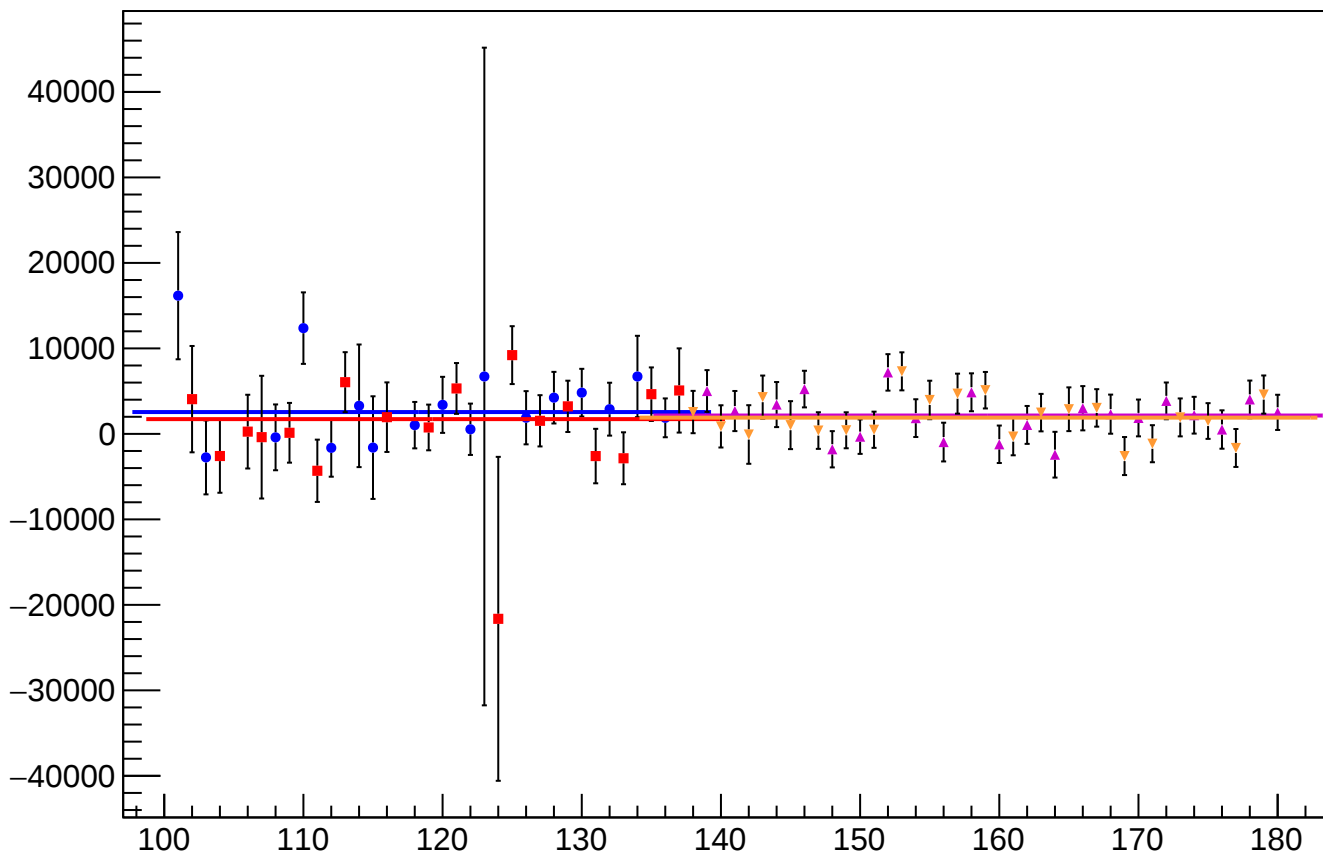
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 601.173 $\pm$ 0.092 χ^2 /NDF:3686242.8/37

Out: 575.318 $\pm$ 0.089 χ^2 /NDF:5130019.7/39

All: 587.803 $\pm$ 0.064 χ^2 /NDF: 8856910.5/77

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1901.146 $\pm$ 488.388 χ^2/NDF : 25.1/21

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

Left In: 2147.996 $\pm$ 489.014 χ^2/NDF : 25.3/20

Left: 2024.413 $\pm$ 345.564 χ^2/NDF : 50.5/42

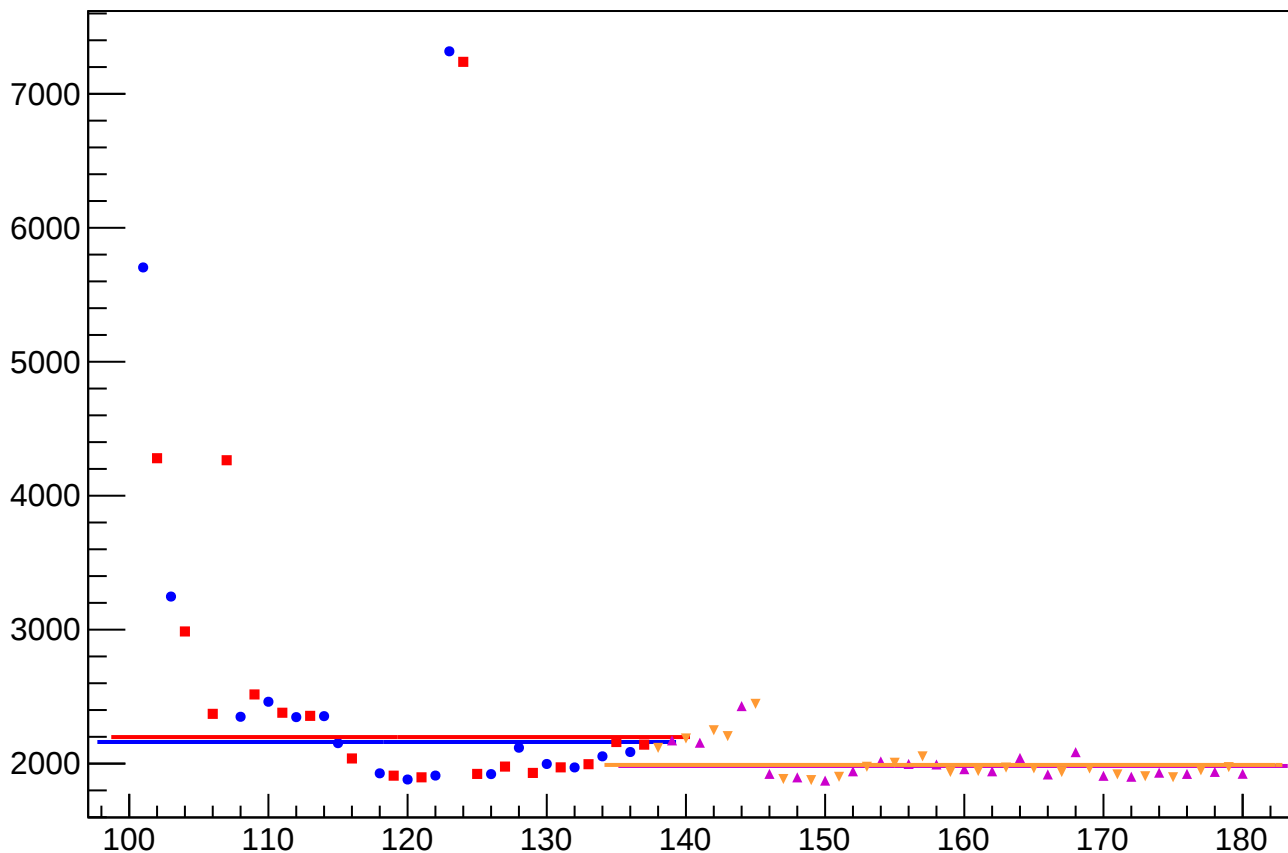
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2247.288 $\pm$ 424.964 χ^2/NDF : 41.2/37

Out: 1858.334 $\pm$ 424.098 χ^2/NDF : 44.7/39

All: 2052.414 $\pm$ 300.188 χ^2/NDF : 86.3/77

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1990.170+/-0.345 χ^2/NDF : 126199.6/21

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

Left In: 1982.351+/-0.346 χ^2/NDF : 109699.7/20

Left: 1986.265+/-0.244 χ^2/NDF : 236155.2/42

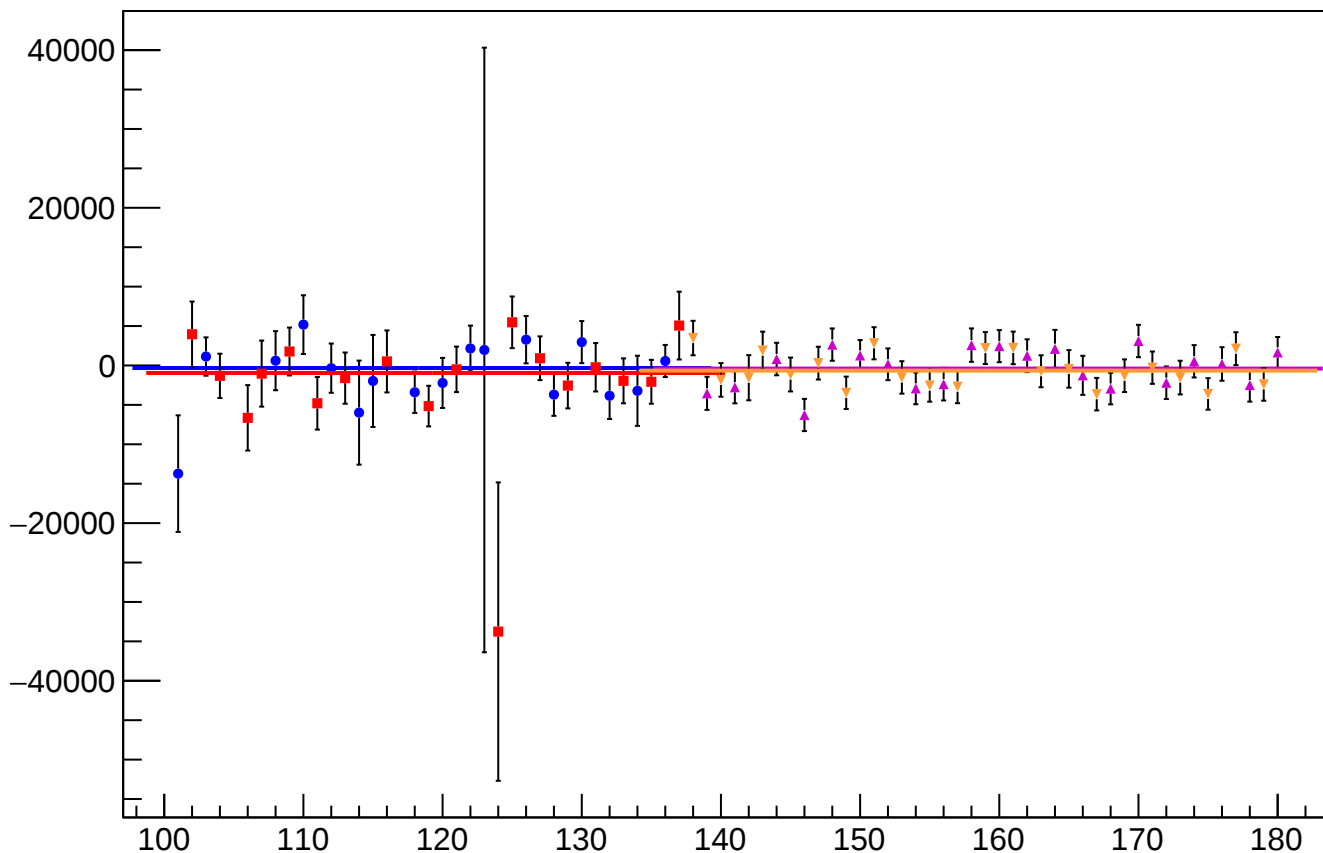
Right: 2179.883+/-0.429 χ^2/NDF : 1446967.4/34

In: 2026.187+/-0.300 χ^2/NDF : 886602.6/37

Out: 2041.331+/-0.300 χ^2/NDF : 949308.6/39

All: 2033.774+/-0.212 χ^2/NDF : 1837183.6/77

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -650.394+/-452.411 χ^2/NDF : 23.1/21

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

Left In: -393.996+/-453.166 χ^2/NDF : 31.1/20

Left: -522.408+/-320.169 χ^2/NDF : 54.4/42

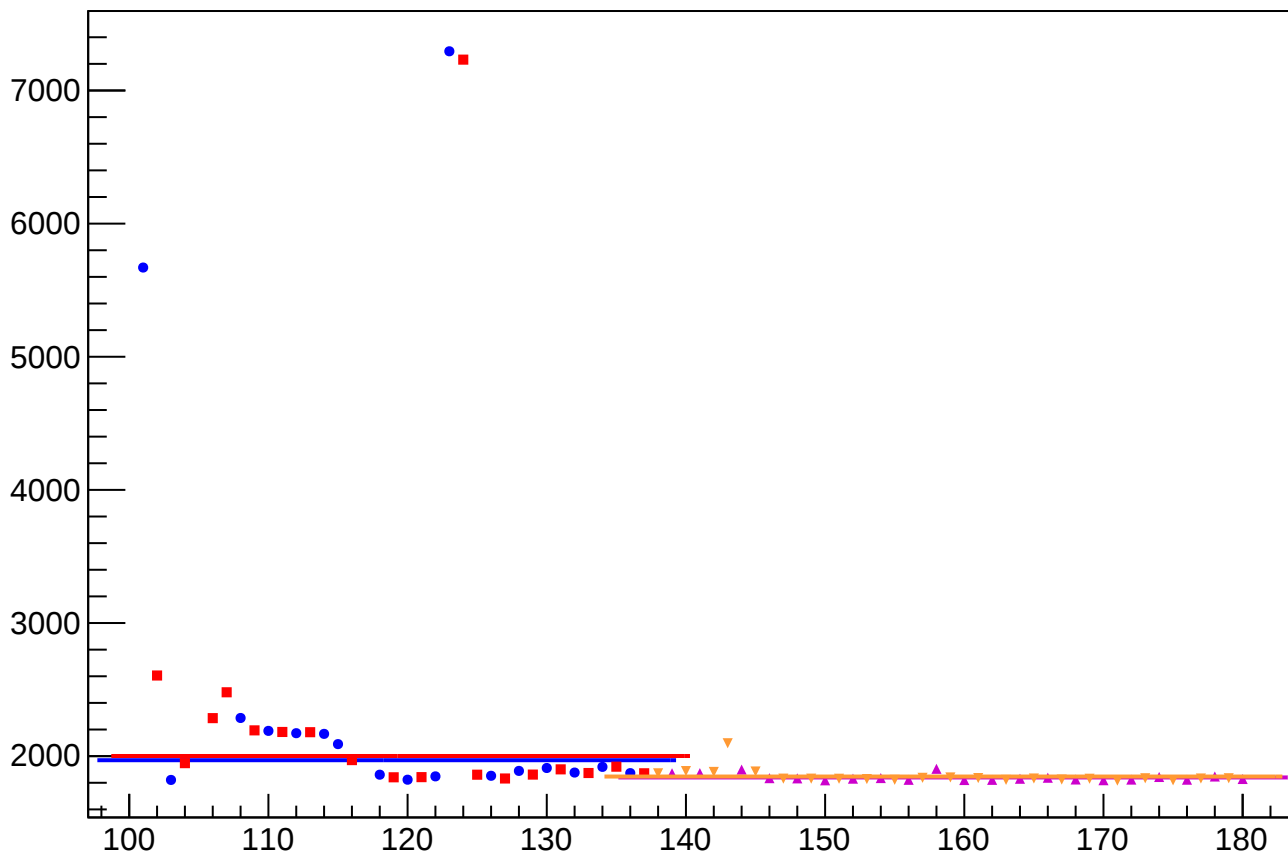
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -376.249+/-391.773 χ^2/NDF : 46.8/37

Out: -727.571+/-390.103 χ^2/NDF : 41.4/39

All: -552.661+/-276.433 χ^2/NDF : 88.7/77

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1846.854+/-0.320 χ^2/NDF : 26362.5/21

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

Left In: 1840.016+/-0.320 χ^2/NDF : 5974.5/20

Left: 1843.441+/-0.226 χ^2/NDF : 32565.0/42

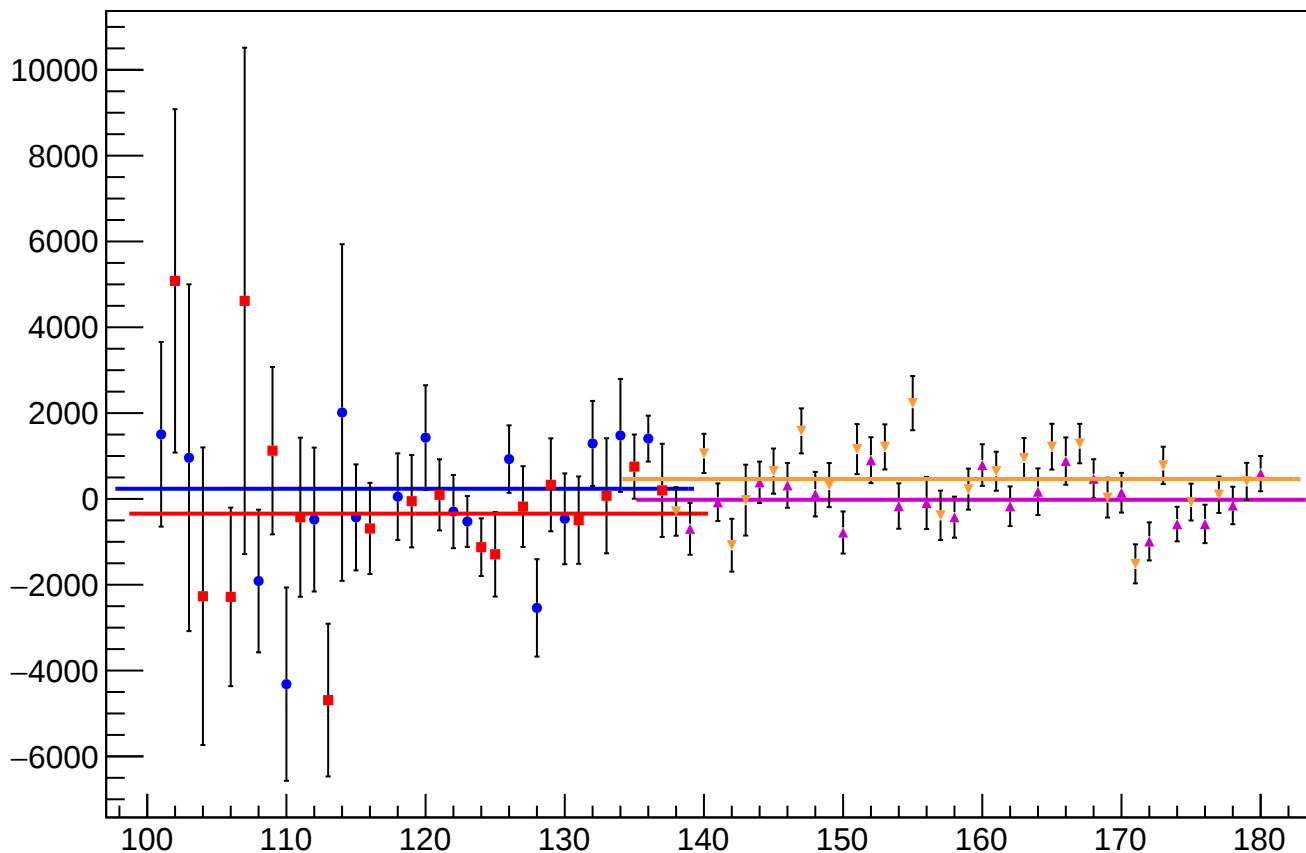
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1872.722+/-0.277 χ^2/NDF : 650026.4/37

Out: 1886.435+/-0.276 χ^2/NDF : 376674.9/39

All: 1879.608+/-0.195 χ^2/NDF : 1027931.7/77

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 464.796 $\pm$ 106.416 χ^2/NDF : 57.7/21

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

Left In: -19.787 $\pm$ 105.175 χ^2/NDF : 26.2/20

Left: 219.662 $\pm$ 74.805 χ^2/NDF : 94.4/42

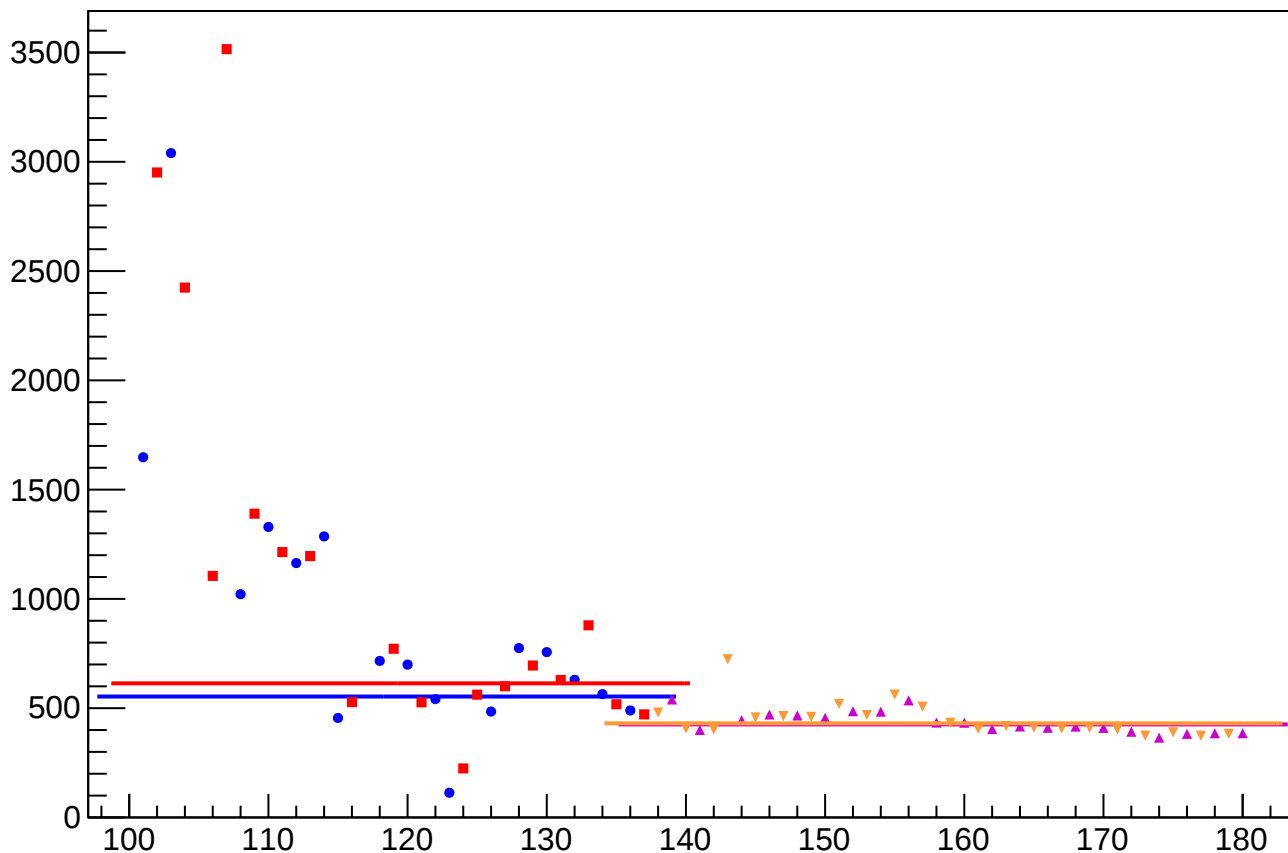
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 19.175 $\pm$ 96.863 χ^2/NDF : 51.0/37

Out: 355.216 $\pm$ 98.933 χ^2/NDF : 81.4/39

All: 183.644 $\pm$ 69.213 χ^2/NDF : 138.3/77

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 430.701+/-0.075 χ^2/NDF : 615762.2/21

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

Left In: 425.593+/-0.074 χ^2/NDF : 353724.8/20

Left: 428.117+/-0.053 χ^2/NDF : 971817.7/42

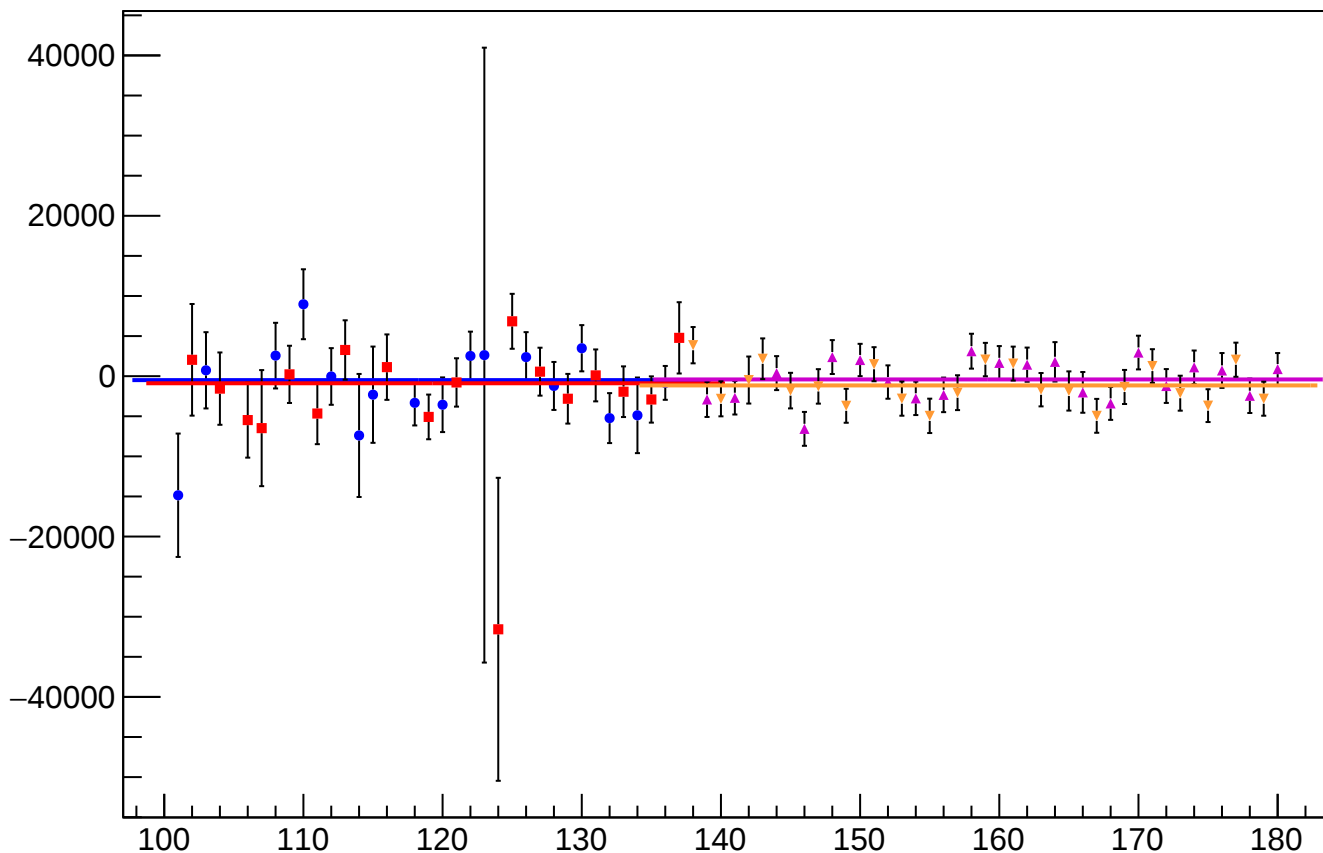
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 444.977+/-0.068 χ^2/NDF : 4213978.9/37

Out: 455.514+/-0.070 χ^2/NDF : 4893573.5/39

All: 450.134+/-0.049 χ^2/NDF : 9119136.4/77

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1153.508 ± 465.836 χ^2/NDF : 27.6/21

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

Left In: -407.293 ± 465.830 χ^2/NDF : 28.9/20

Left: -780.396 ± 329.394 χ^2/NDF : 57.8/42

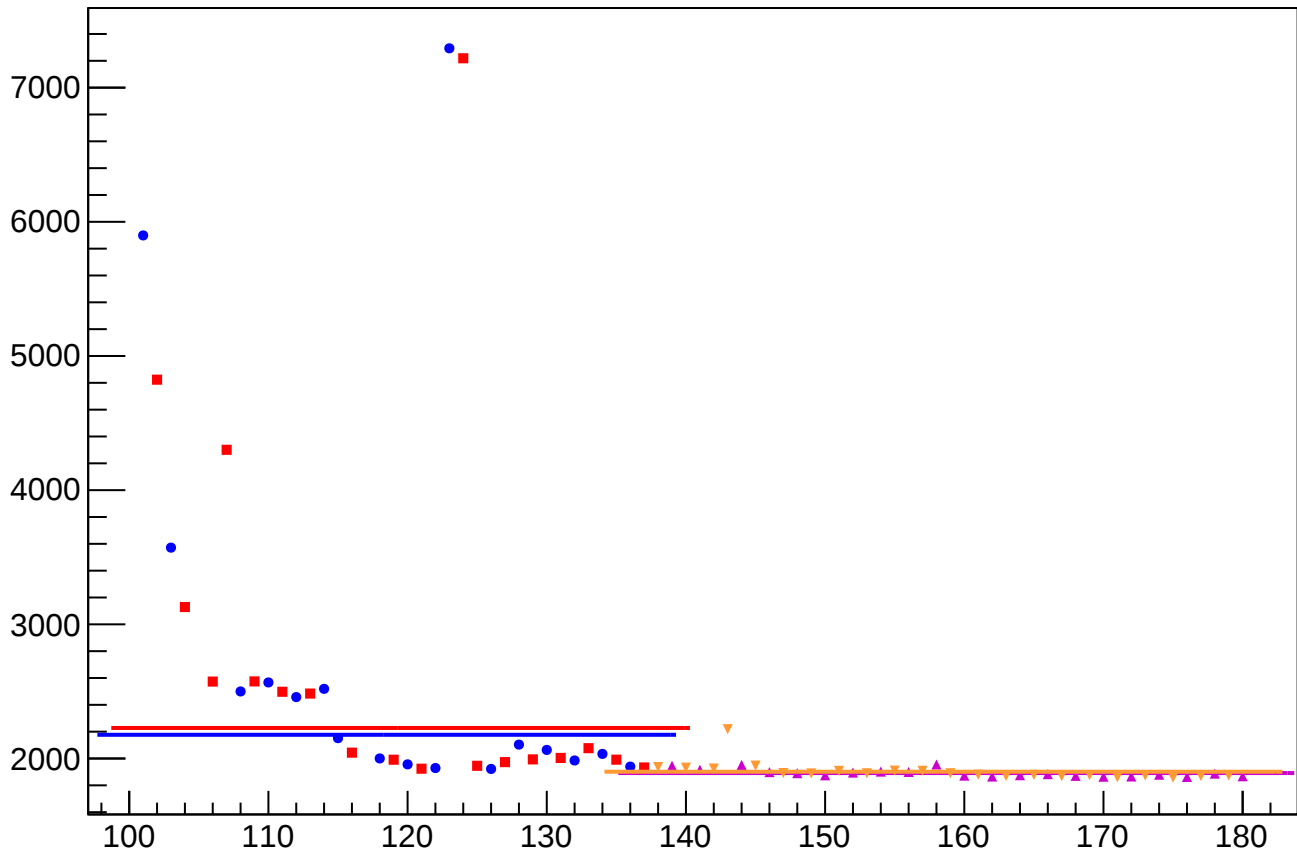
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -426.222 ± 410.455 χ^2/NDF : 47.5/37

Out: -1093.511 ± 410.581 χ^2/NDF : 44.9/39

All: -759.764 ± 290.280 χ^2/NDF : 93.8/77

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.514+/-0.329 χ^2/NDF : 37795.6/21

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

Left In: 1891.571+/-0.329 χ^2/NDF : 7225.5/20

Left: 1896.542+/-0.233 χ^2/NDF : 45476.8/42

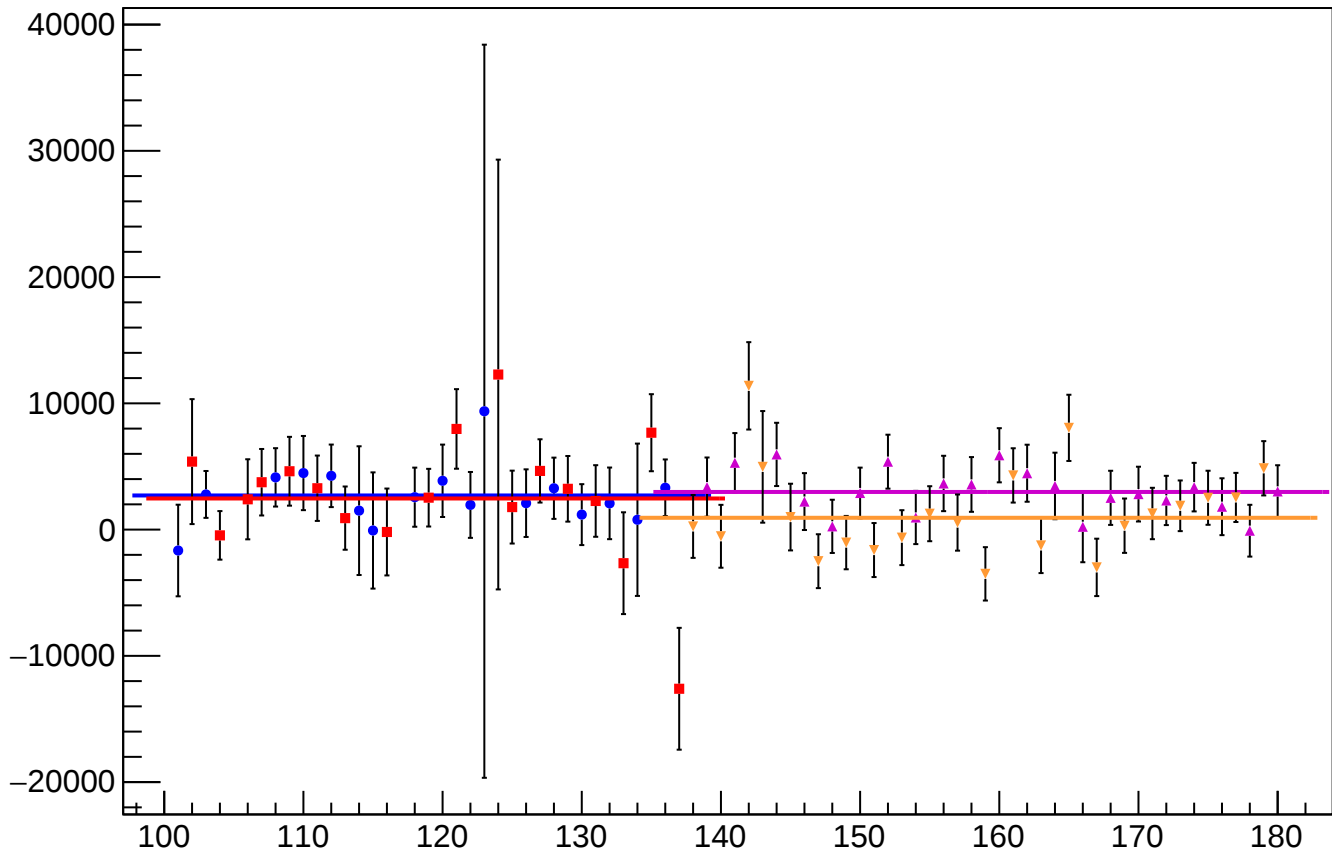
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1955.341+/-0.290 χ^2/NDF : 977514.9/37

Out: 1974.304+/-0.290 χ^2/NDF : 1082278.2/39

All: 1964.819+/-0.205 χ^2/NDF : 2061926.9/77

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 935.177 $\pm$ 483.434 χ^2 /NDF:38.9/21

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

Left In: 2980.994 $\pm$ 478.227 χ^2 /NDF:12.5/20

Left: 1969.162 $\pm$ 339.984 χ^2 /NDF: 60.5/42

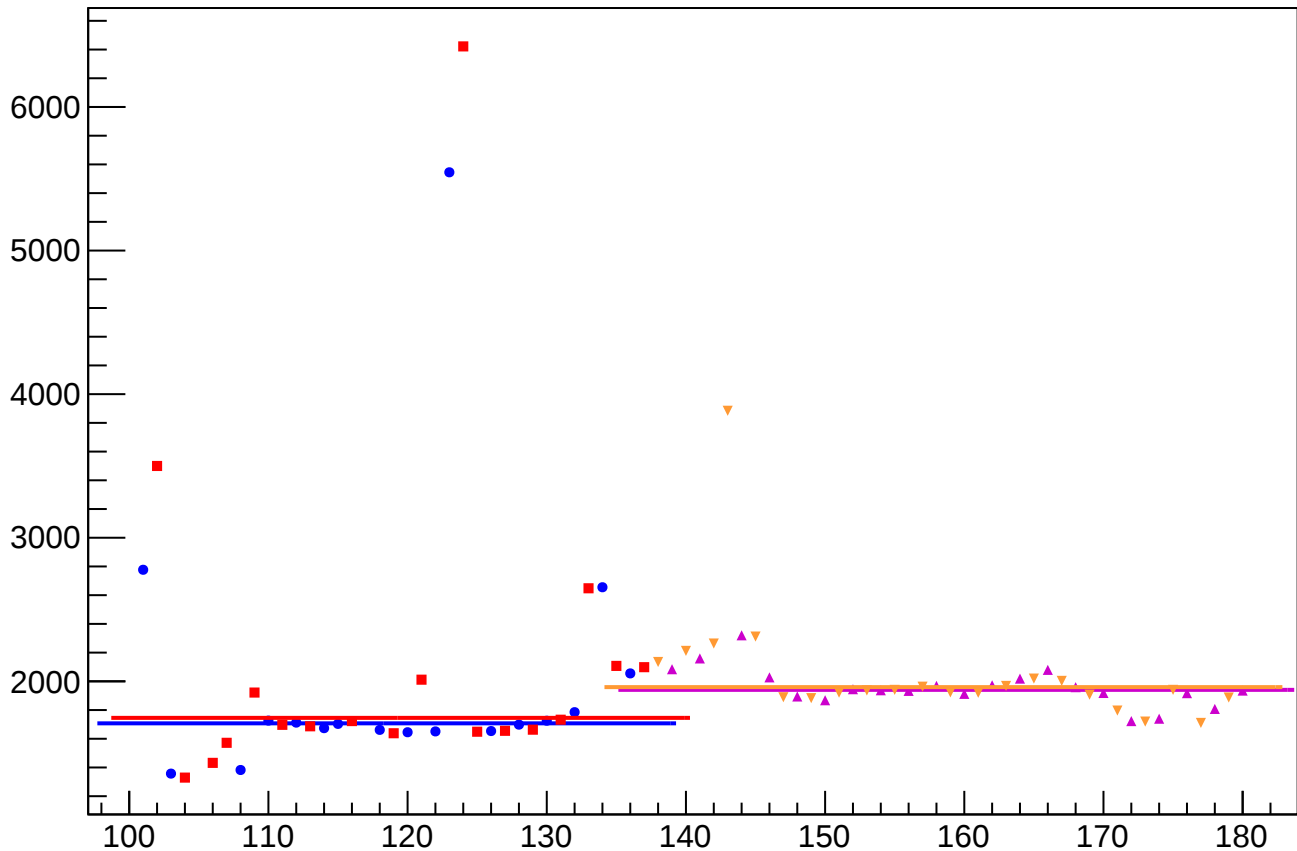
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2888.057 $\pm$ 390.004 χ^2 /NDF:16.7/37

Out: 1445.380 $\pm$ 394.645 χ^2 /NDF:65.5/39

All: 2175.250 $\pm$ 277.401 χ^2 /NDF: 88.9/77

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1959.620 ± 0.342 $\chi^2/\text{NDF}: 547358.7/21$

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

Left In: 1940.554 ± 0.338 $\chi^2/\text{NDF}: 140848.0/20$

Left: 1949.983 ± 0.240 $\chi^2/\text{NDF}: 689778.9/42$

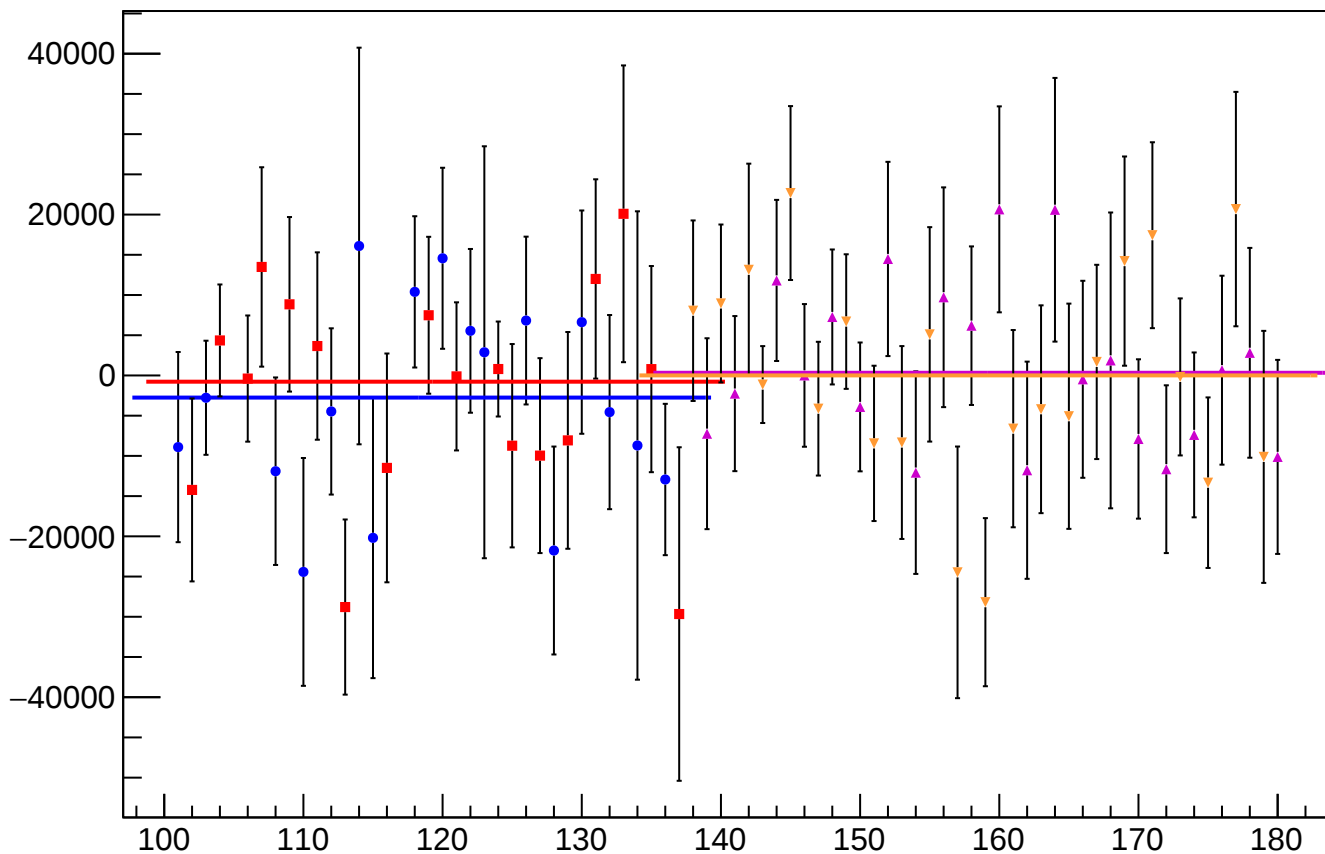
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1862.460 ± 0.276 $\chi^2/\text{NDF}: 722252.8/37$

Out: 1888.181 ± 0.279 $\chi^2/\text{NDF}: 1377469.8/39$

All: 1875.169 ± 0.196 $\chi^2/\text{NDF}: 2104021.2/77$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 6.749 $\pm$ 2193.238 χ^2 /NDF:26.8/21

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

Left In: 332.248 $\pm$ 2404.177 χ^2 /NDF:14.2/20

Left: 154.595 $\pm$ 1620.305 χ^2 /NDF: 41.0/42

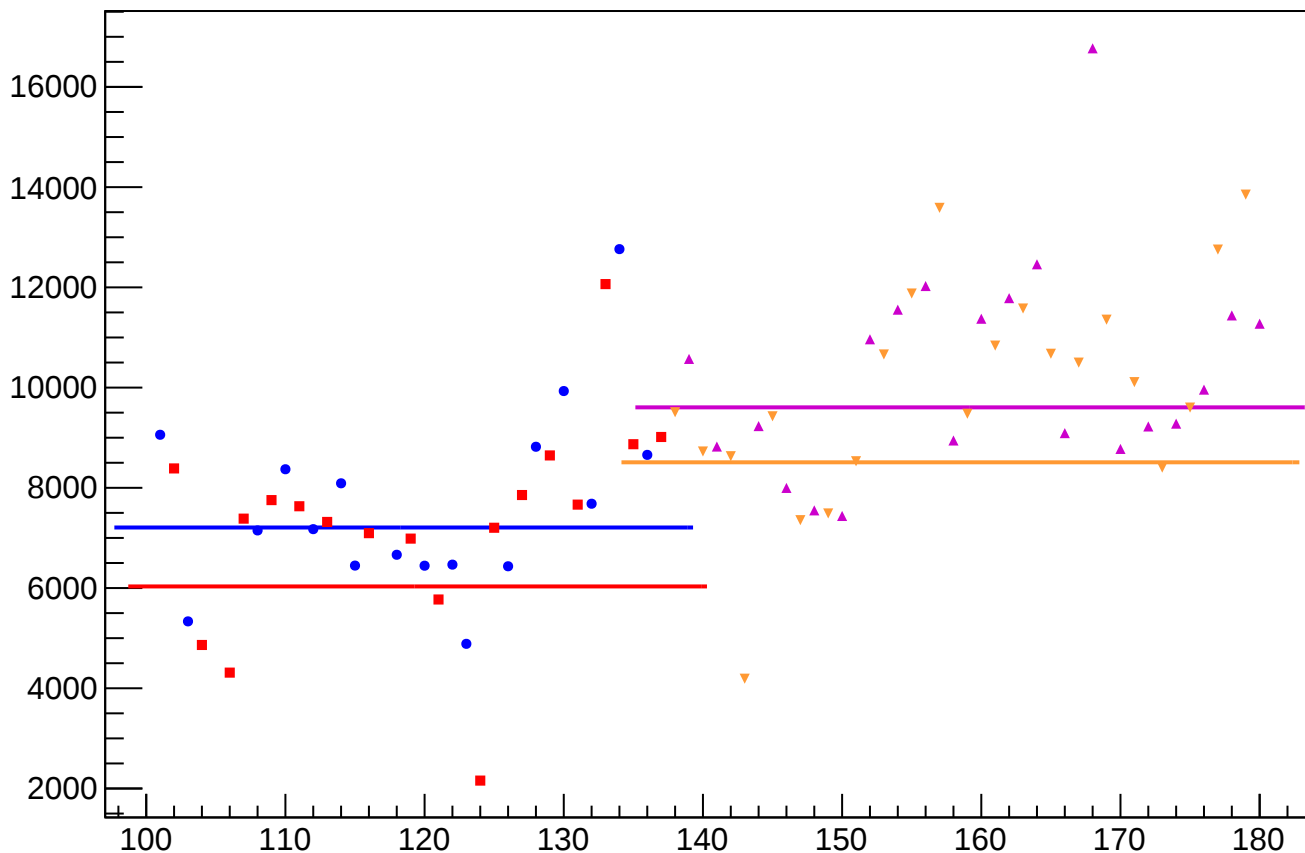
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -953.516 $\pm$ 1835.612 χ^2 /NDF:29.4/37

Out: -342.448 $\pm$ 1631.374 χ^2 /NDF:44.6/39

All: -612.109 $\pm$ 1219.397 χ^2 /NDF: 74.1/77

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8509.106+/-1.551 χ^2/NDF : 2997192.6/21

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

Left In: 9605.700+/-1.700 χ^2/NDF : 1062972.5/20

Left: 9007.195+/-1.146 χ^2/NDF : 4287261.9/42

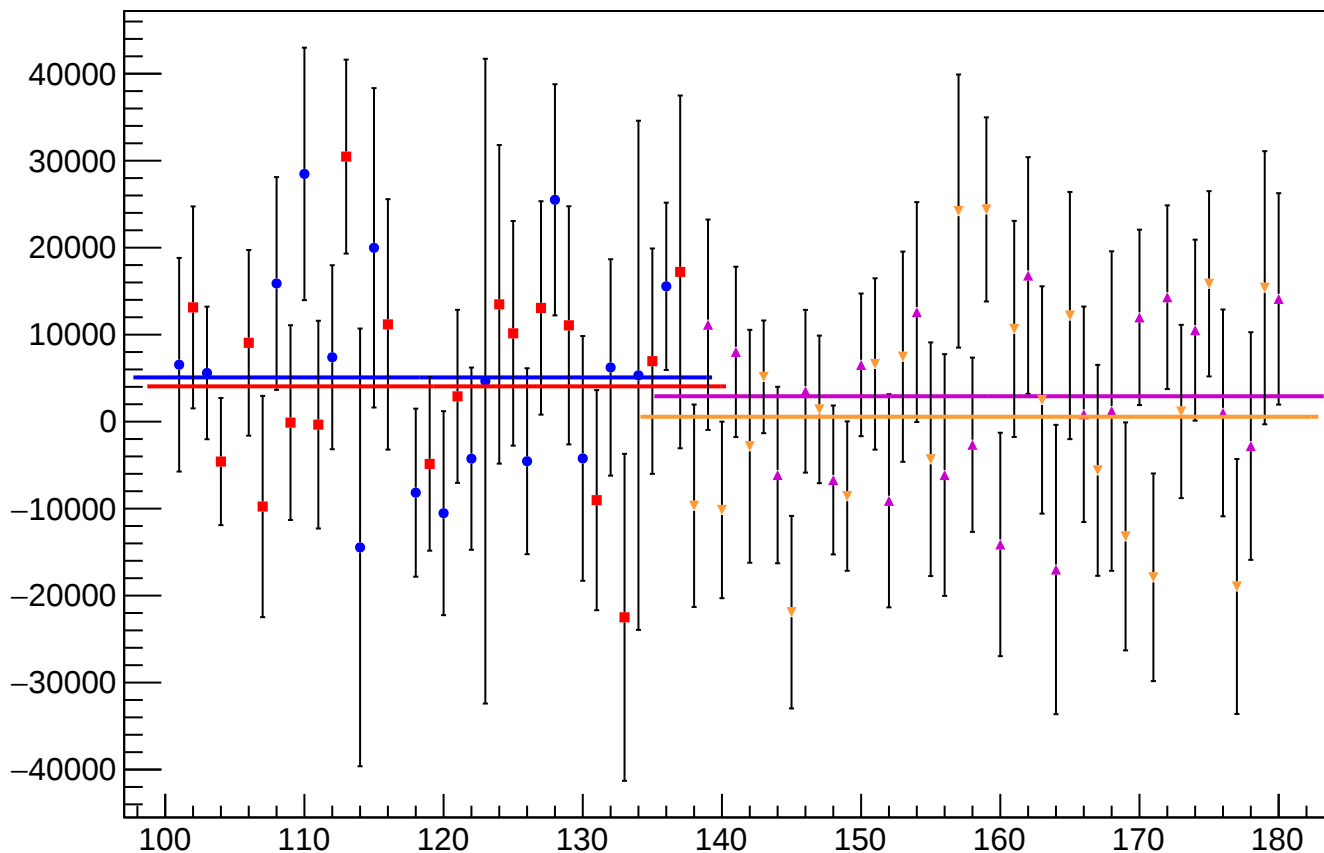
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8605.876+/-1.298 χ^2/NDF : 2386101.6/37

Out: 7402.590+/-1.154 χ^2/NDF : 5934289.5/39

All: 7933.593+/-0.862 χ^2/NDF : 8800554.7/77

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 561.461 $\pm$ 2341.893 χ^2 /NDF: 25.7/21

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

Left In: 2917.164 $\pm$ 2444.965 χ^2 /NDF: 13.1/20

Left: 1688.612 $\pm$ 1691.233 χ^2 /NDF: 39.3/42

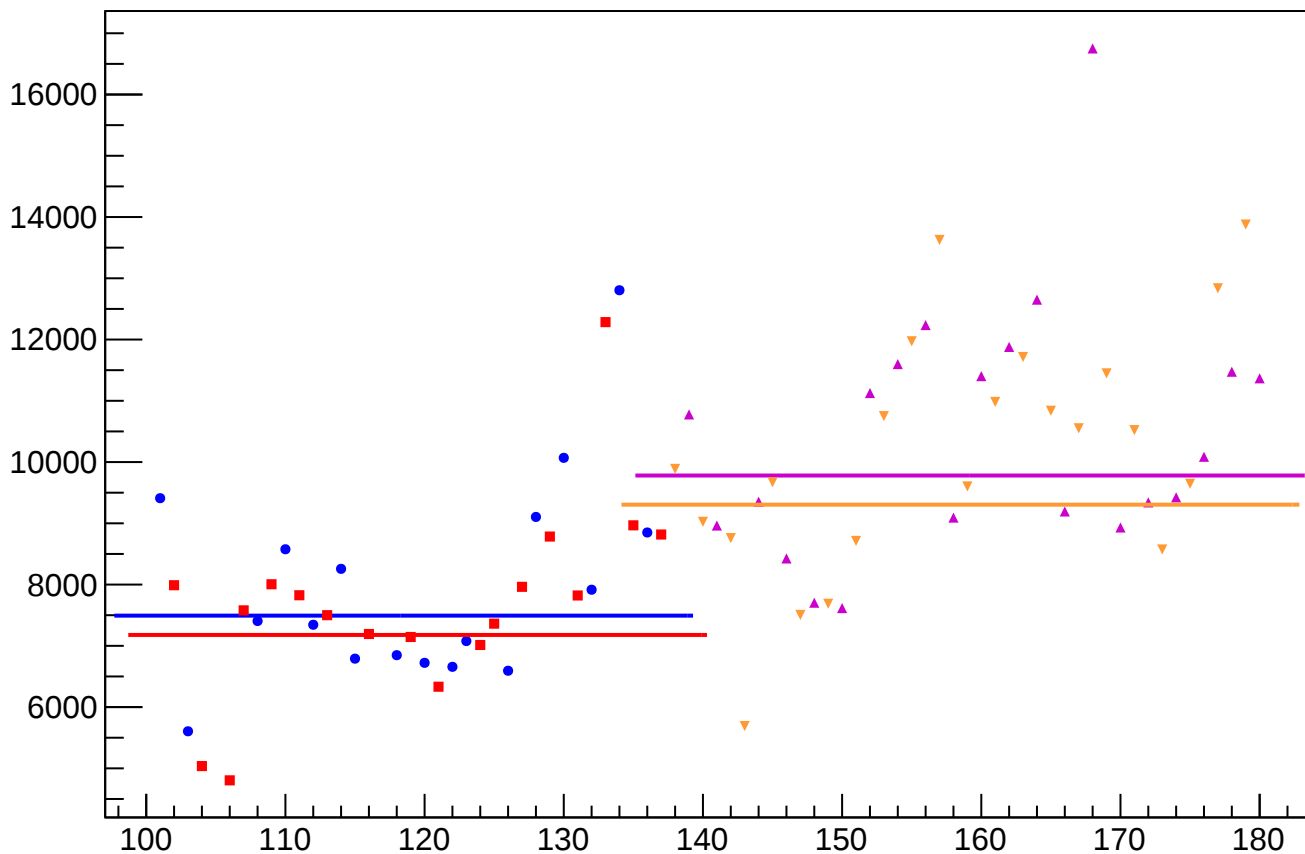
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3797.899 $\pm$ 1883.824 χ^2 /NDF: 27.4/37

Out: 1999.628 $\pm$ 1796.408 χ^2 /NDF: 41.8/39

All: 2856.074 $\pm$ 1300.058 χ^2 /NDF: 69.7/77

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9304.487 +/- 1.656 χ^2/NDF : 1585158.8/21

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

Left In: 9780.342 +/- 1.729 χ^2/NDF : 987972.3/20

Left: 9532.173 +/- 1.196 χ^2/NDF : 2612641.0/42

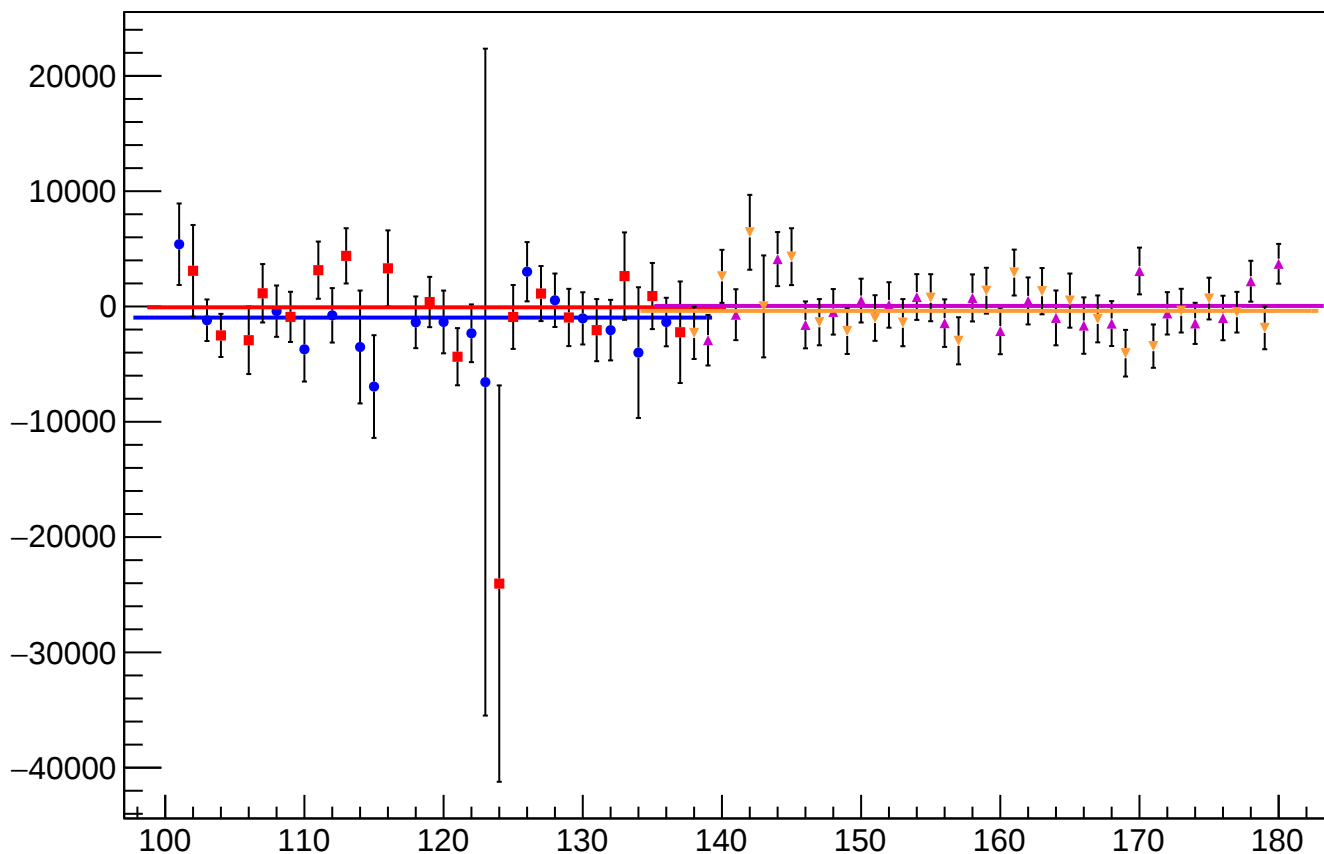
Right: 7326.859 +/- 1.437 χ^2/NDF : 1004970.1/34

In: 8850.833 +/- 1.332 χ^2/NDF : 2136408.8/37

Out: 8429.024 +/- 1.270 χ^2/NDF : 2820007.0/39

All: 8629.906 +/- 0.919 χ^2/NDF : 5008935.8/77

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -379.345 $\pm$ 444.217 χ^2 /NDF:25.2/21

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

Left In: 48.294 $\pm$ 437.405 χ^2 /NDF:18.4/20

Left: -162.222 $\pm$ 311.673 χ^2 /NDF: 44.0/42

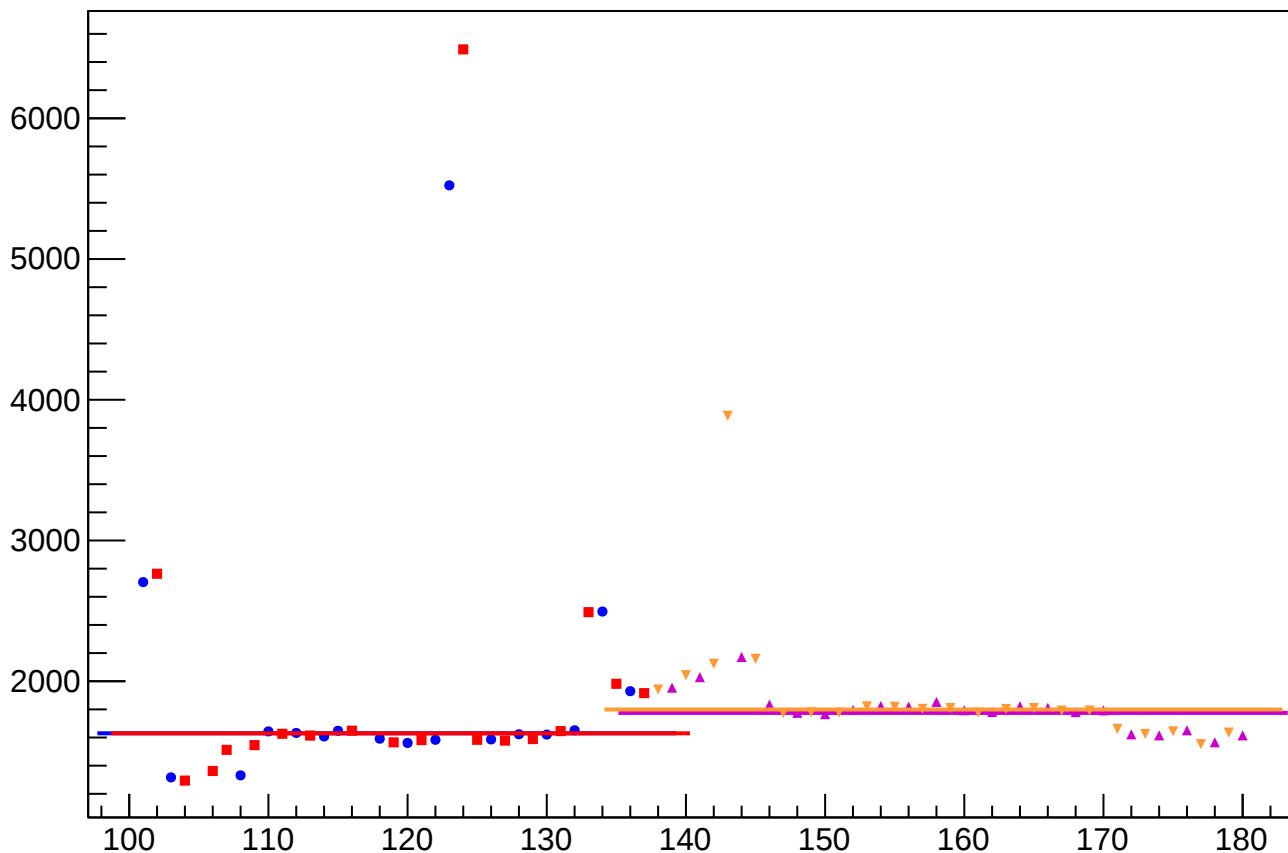
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -271.473 $\pm$ 361.663 χ^2 /NDF:30.1/37

Out: -278.013 $\pm$ 363.885 χ^2 /NDF:42.1/39

All: -274.723 $\pm$ 256.516 χ^2 /NDF: 72.2/77

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1798.991+/-0.314 χ^2/NDF : 637051.4/21

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

Left In: 1774.745+/-0.309 χ^2/NDF : 188585.4/20

Left: 1786.681+/-0.220 χ^2/NDF : 828662.0/42

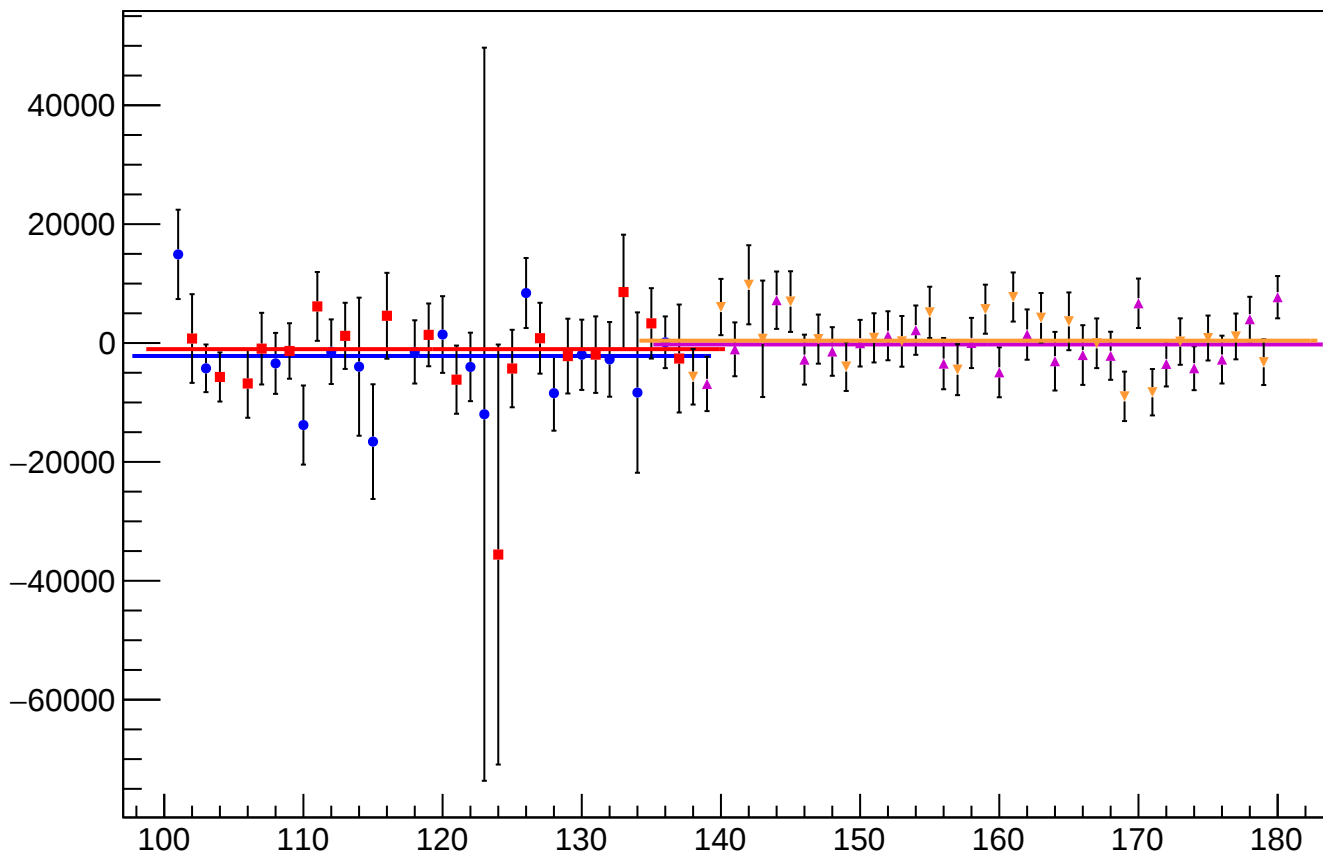
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1728.942+/-0.256 χ^2/NDF : 666063.7/37

Out: 1743.377+/-0.257 χ^2/NDF : 1289796.3/39

All: 1736.115+/-0.181 χ^2/NDF : 1957443.4/77

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 401.093+/-924.693 χ^2/NDF : 27.5/21

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

Left In: -238.406+/-907.649 χ^2/NDF : 19.4/20

Left: 75.396+/-647.746 χ^2/NDF : 47.2/42

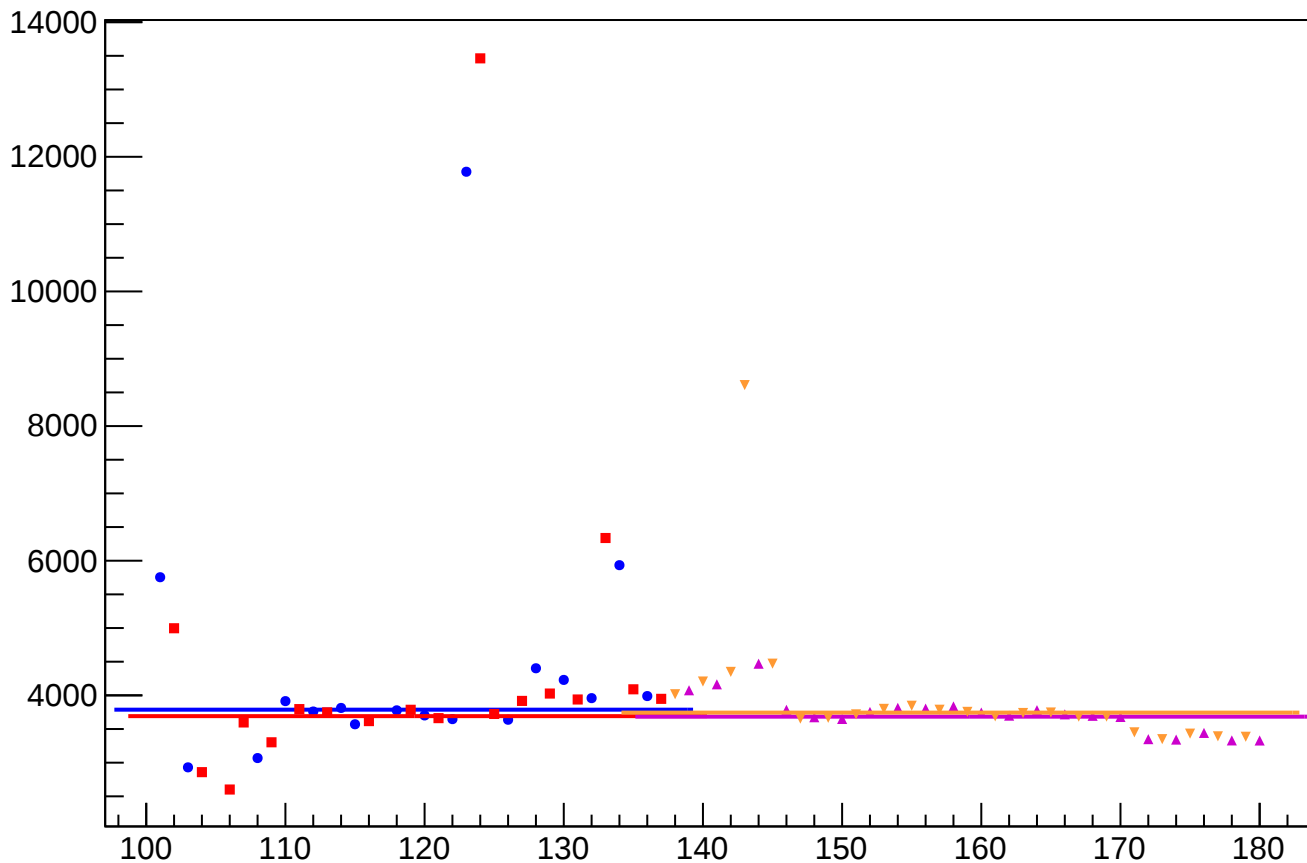
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -762.133+/-775.577 χ^2/NDF : 36.6/37

Out: -14.899+/-778.450 χ^2/NDF : 36.8/39

All: -389.897+/-549.429 χ^2/NDF : 73.9/77

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3743.788+/-0.654 χ^2/NDF : 660257.4/21

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

Left In: 3683.545+/-0.642 χ^2/NDF : 176719.0/20

Left: 3713.106+/-0.458 χ^2/NDF : 841299.8/42

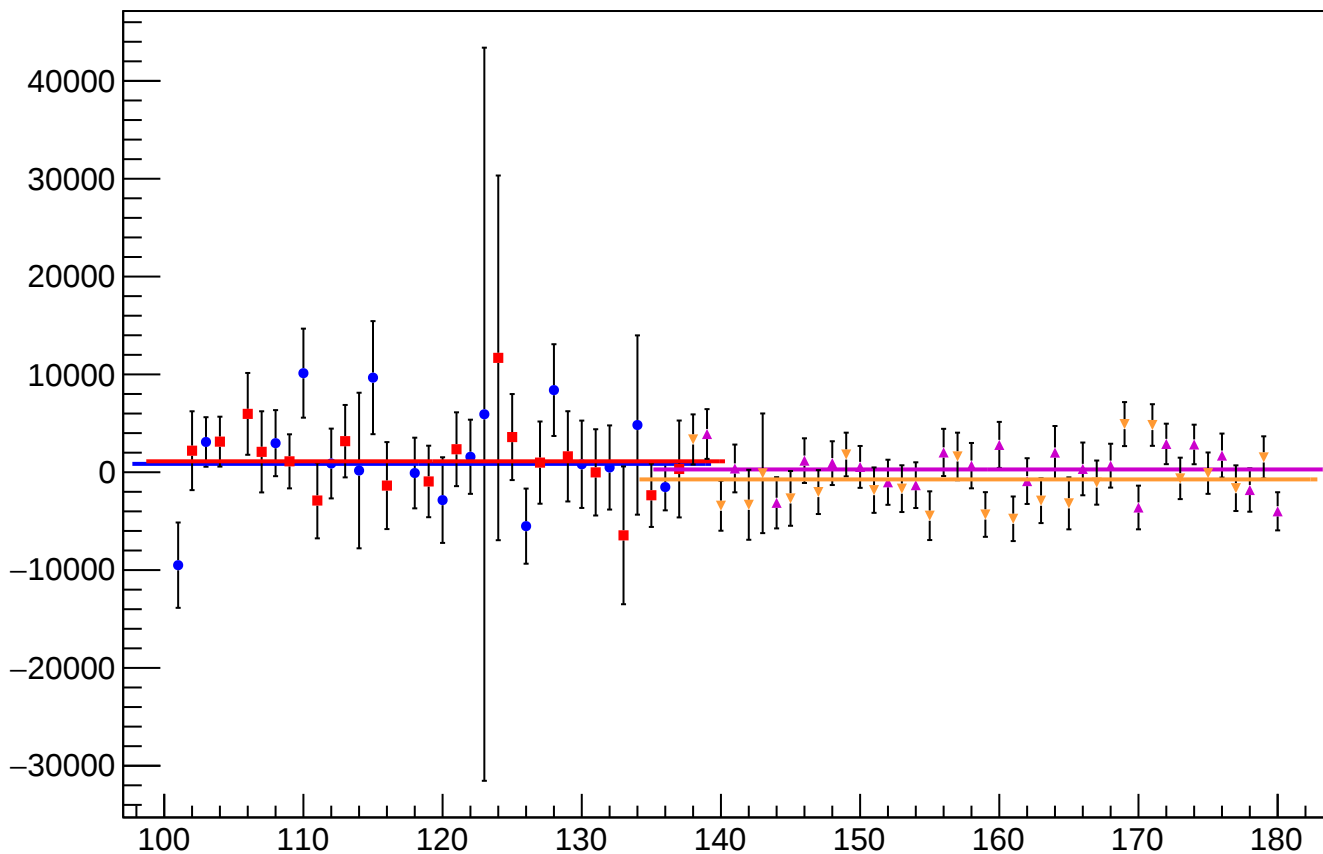
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3711.544+/-0.548 χ^2/NDF : 576422.3/37

Out: 3728.482+/-0.550 χ^2/NDF : 1217295.5/39

All: 3719.982+/-0.389 χ^2/NDF : 1794193.0/77

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -731.581 ± 512.593 χ^2/NDF : 31.7/21

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

Left In: 286.364 ± 500.880 χ^2/NDF : 19.5/20

Left: -210.846 ± 358.245 χ^2/NDF : 53.2/42

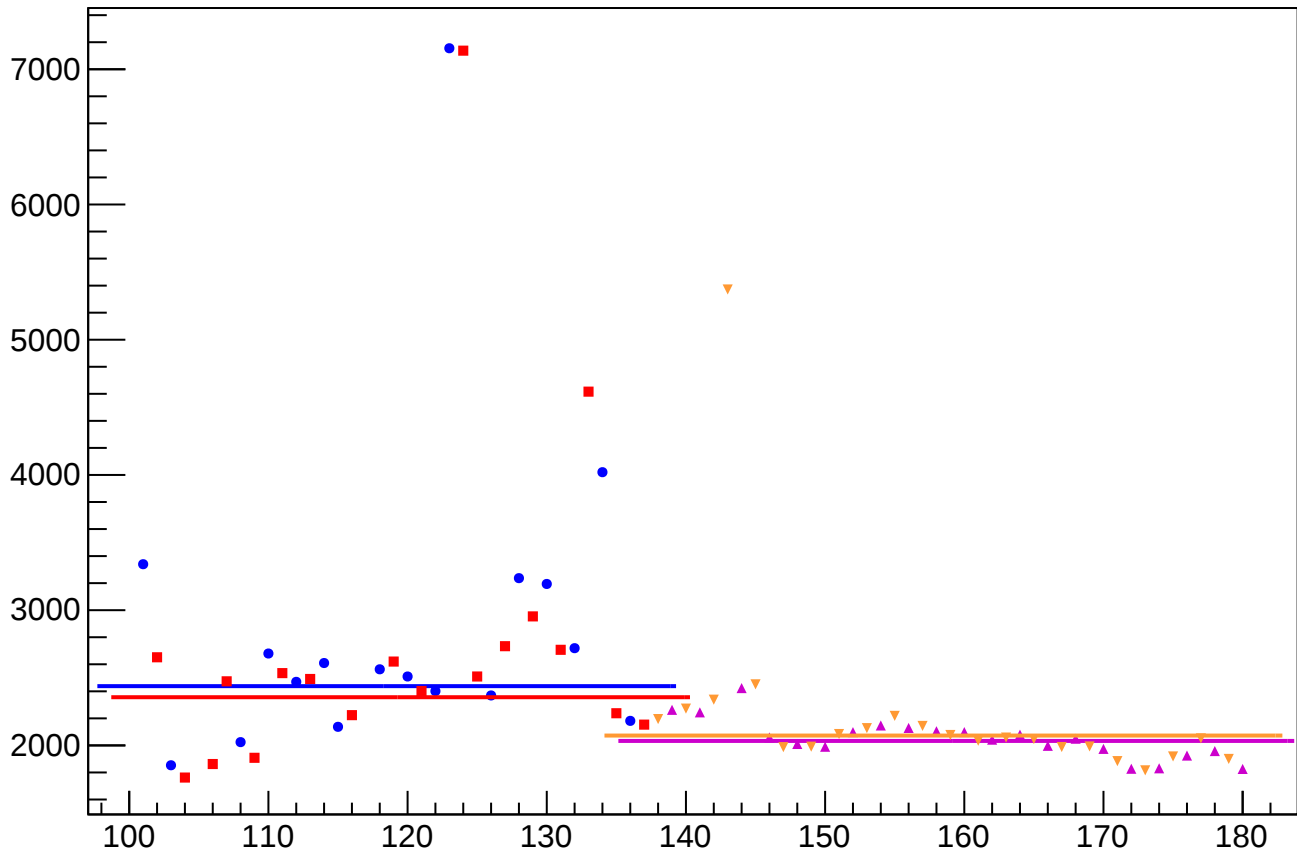
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 407.349 ± 444.538 χ^2/NDF : 40.4/37

Out: -298.719 ± 448.603 χ^2/NDF : 42.0/39

All: 57.529 ± 315.763 χ^2/NDF : 83.6/77

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2072.914+/-0.362 χ^2/NDF : 736722.0/21

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

Left In: 2033.170+/-0.354 χ^2/NDF : 161967.0/20

Left: 2052.583+/-0.253 χ^2/NDF : 904839.6/42

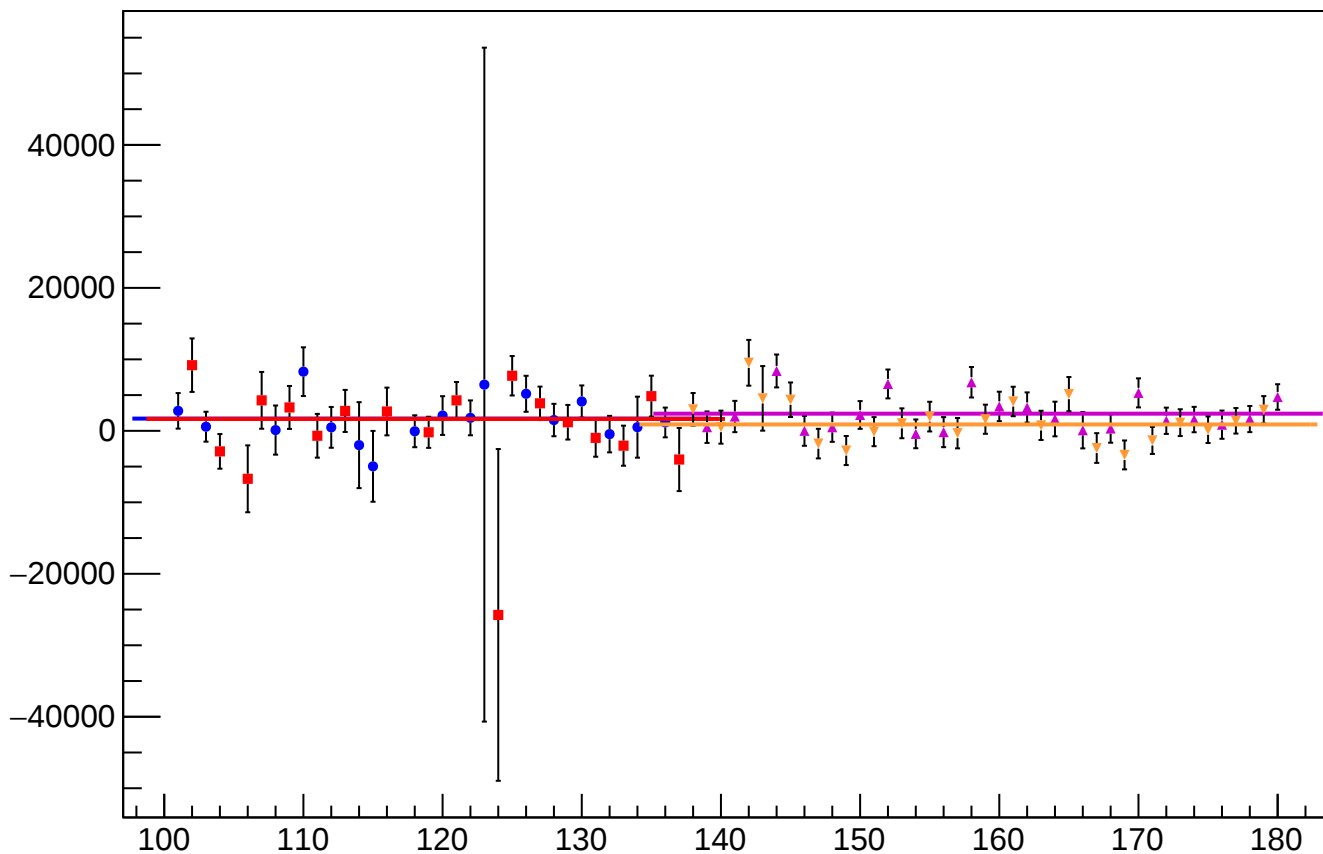
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2119.183+/-0.314 χ^2/NDF : 916464.6/37

Out: 2139.277+/-0.317 χ^2/NDF : 1509055.7/39

All: 2129.138+/-0.223 χ^2/NDF : 2427544.9/77

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1712.566 $\pm$ 667.149 χ^2/NDF : 11.4/16

Left Out: 895.219 $\pm$ 451.578 χ^2/NDF : 32.1/21

Right Out: 1665.369 $\pm$ 695.701 χ^2/NDF : 26.8/17

Left In: 2401.245 $\pm$ 445.494 χ^2/NDF : 29.1/20

Left: 1658.446 $\pm$ 317.141 χ^2/NDF : 66.8/42

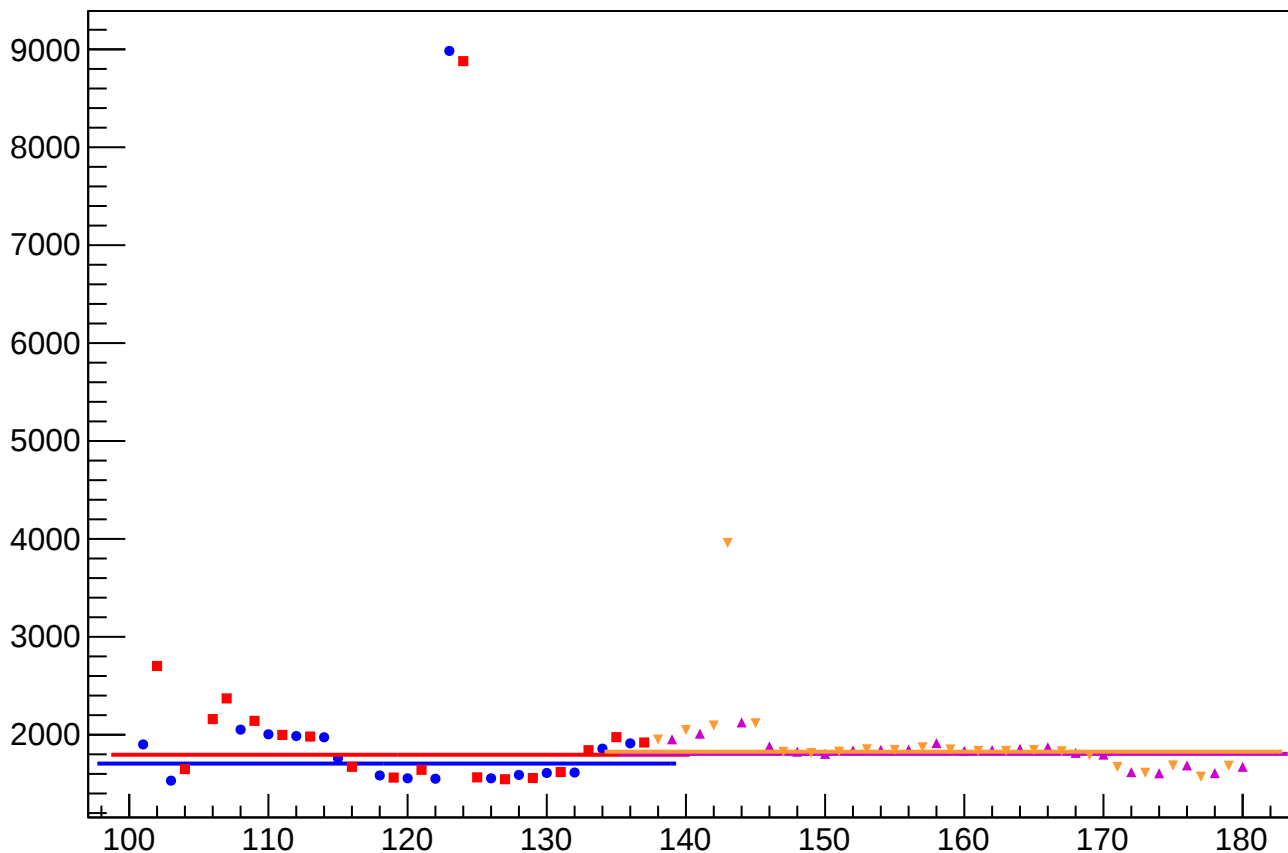
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

In: 2188.864 $\pm$ 370.487 χ^2/NDF : 41.2/37

Out: 1123.517 $\pm$ 378.779 χ^2/NDF : 59.8/39

All: 1667.979 $\pm$ 264.857 χ^2/NDF : 105.1/77

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1827.057 $\pm$ 0.319 χ^2 /NDF: 618332.3/21

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

Left In: 1804.421 $\pm$ 0.315 χ^2 /NDF: 166589.7/20

Left: 1815.585 $\pm$ 0.224 χ^2 /NDF: 787468.9/42

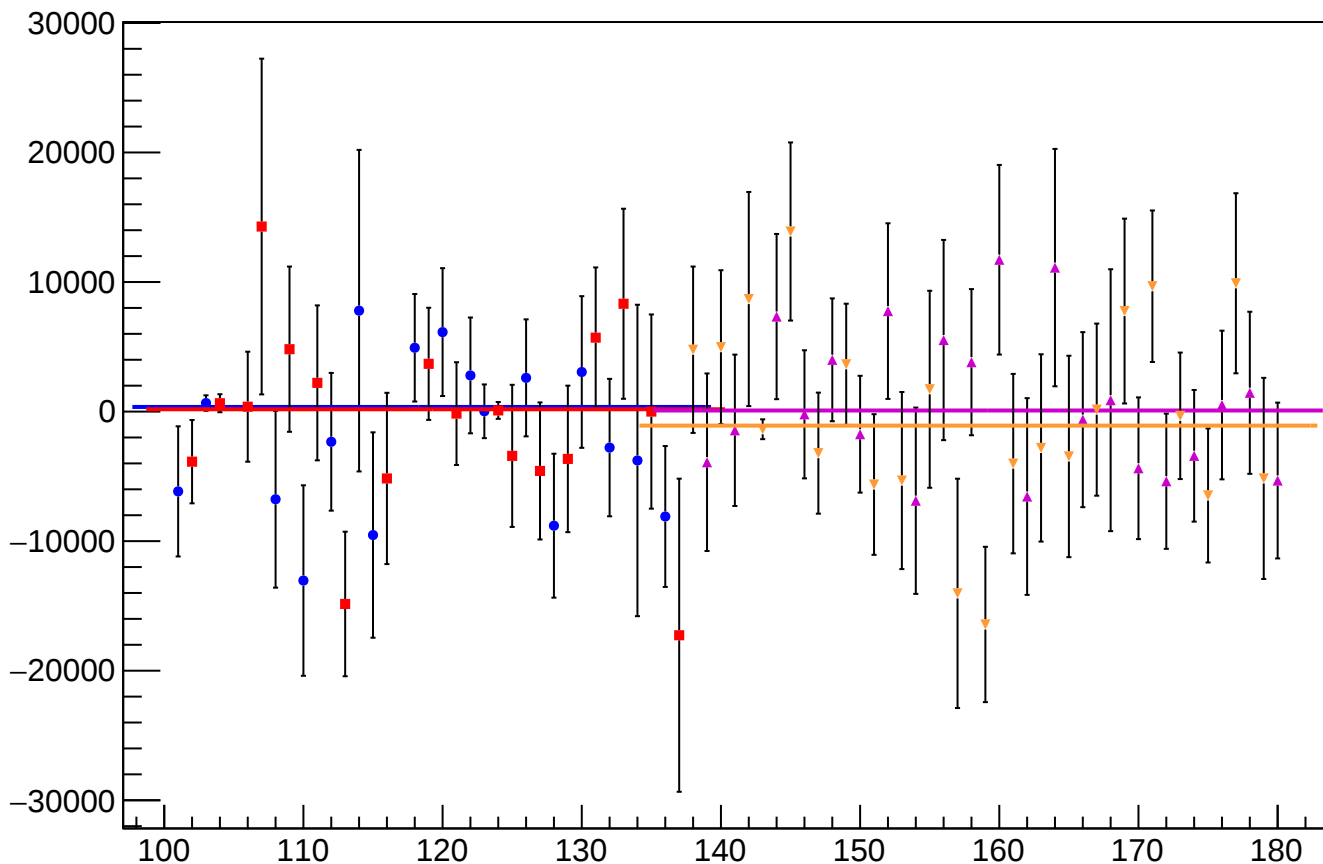
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1773.953 $\pm$ 0.262 χ^2 /NDF: 391098.0/37

Out: 1817.696 $\pm$ 0.268 χ^2 /NDF: 1140027.9/39

All: 1795.354 $\pm$ 0.187 χ^2 /NDF: 1544766.7/77

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1082.708 $\pm$ 667.898 χ^2 /NDF:28.5/21

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

Left In: 84.301 $\pm$ 1323.134 χ^2 /NDF:13.6/20

Left: -845.729 $\pm$ 596.240 χ^2 /NDF: 42.7/42

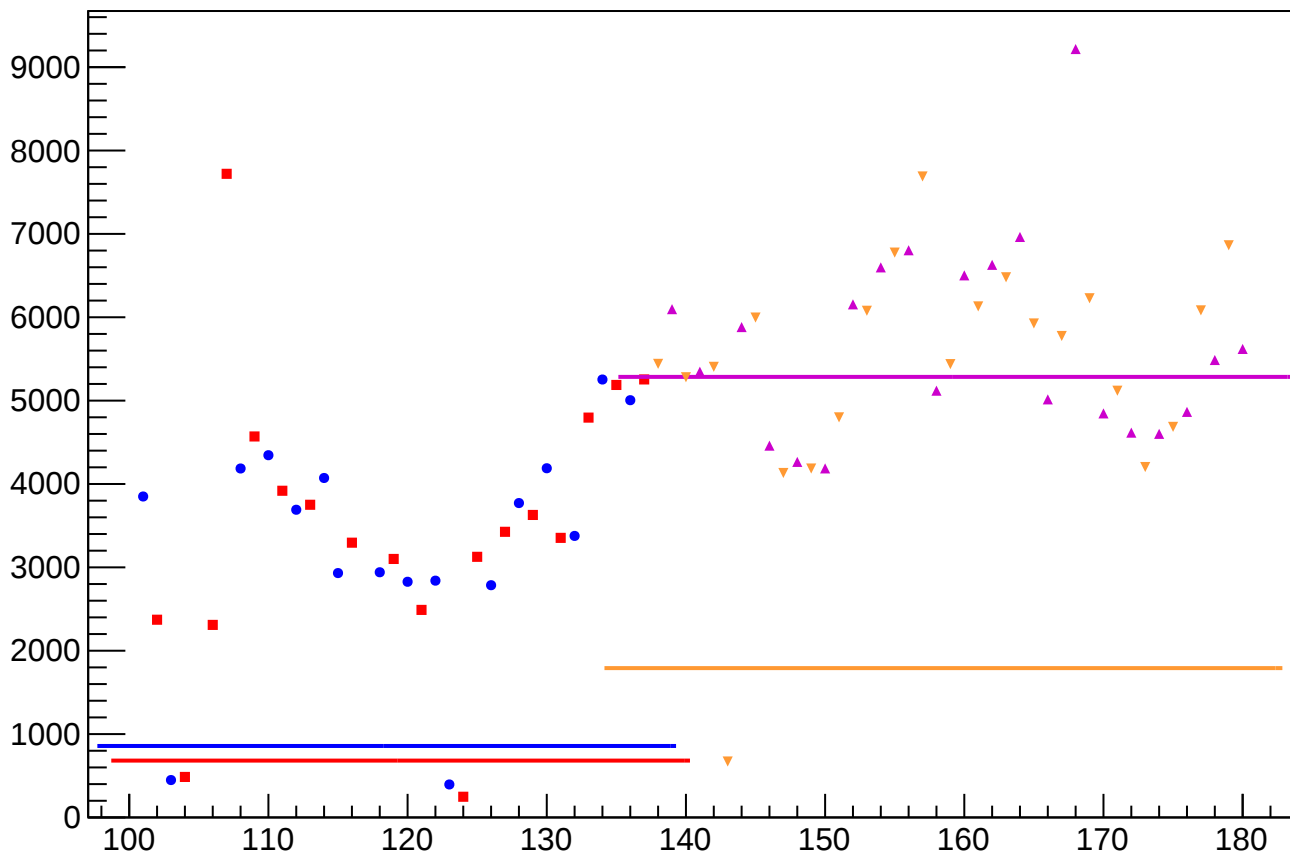
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 318.922 $\pm$ 494.561 χ^2 /NDF:31.1/37

Out: -211.178 $\pm$ 371.478 χ^2 /NDF:49.5/39

All: -19.975 $\pm$ 297.021 χ^2 /NDF: 81.3/77

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1791.438 $\pm$ 0.472 χ^2 /NDF:18722585.7/21

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

Left In: 5284.779 $\pm$ 0.936 χ^2 /NDF:1083435.7/20

Left: 2500.813 $\pm$ 0.422 χ^2 /NDF: 30916364.2/42

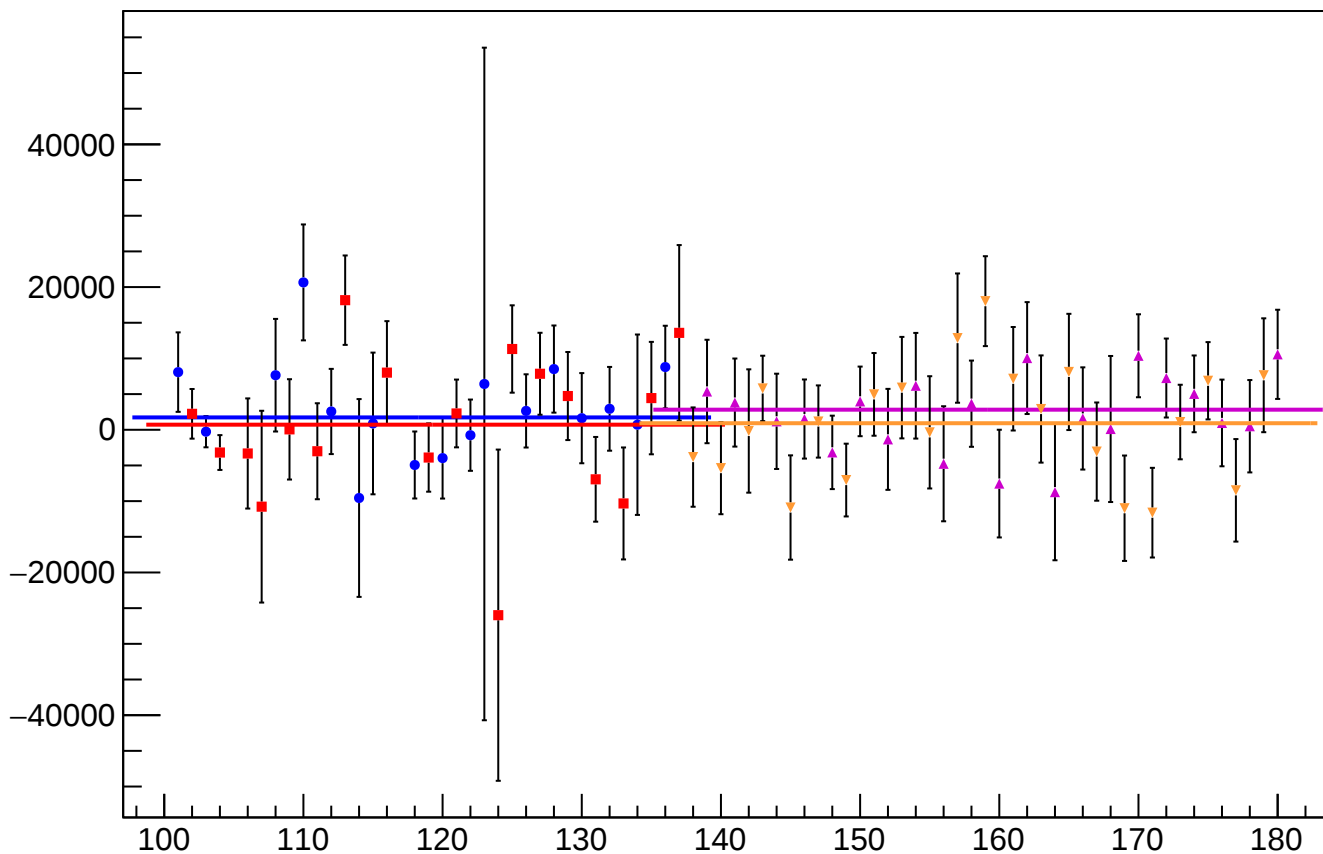
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1476.017 $\pm$ 0.350 χ^2 /NDF:28522676.1/37

Out: 1025.280 $\pm$ 0.263 χ^2 /NDF:31911697.9/39

All: 1187.857 $\pm$ 0.210 χ^2 /NDF: 61496428.8/77

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 919.323+/-1377.170 χ^2/NDF : 29.9/21

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

Left In: 2816.682+/-1402.708 χ^2/NDF : 11.7/20

Left: 1850.574+/-982.711 χ^2/NDF : 42.5/42

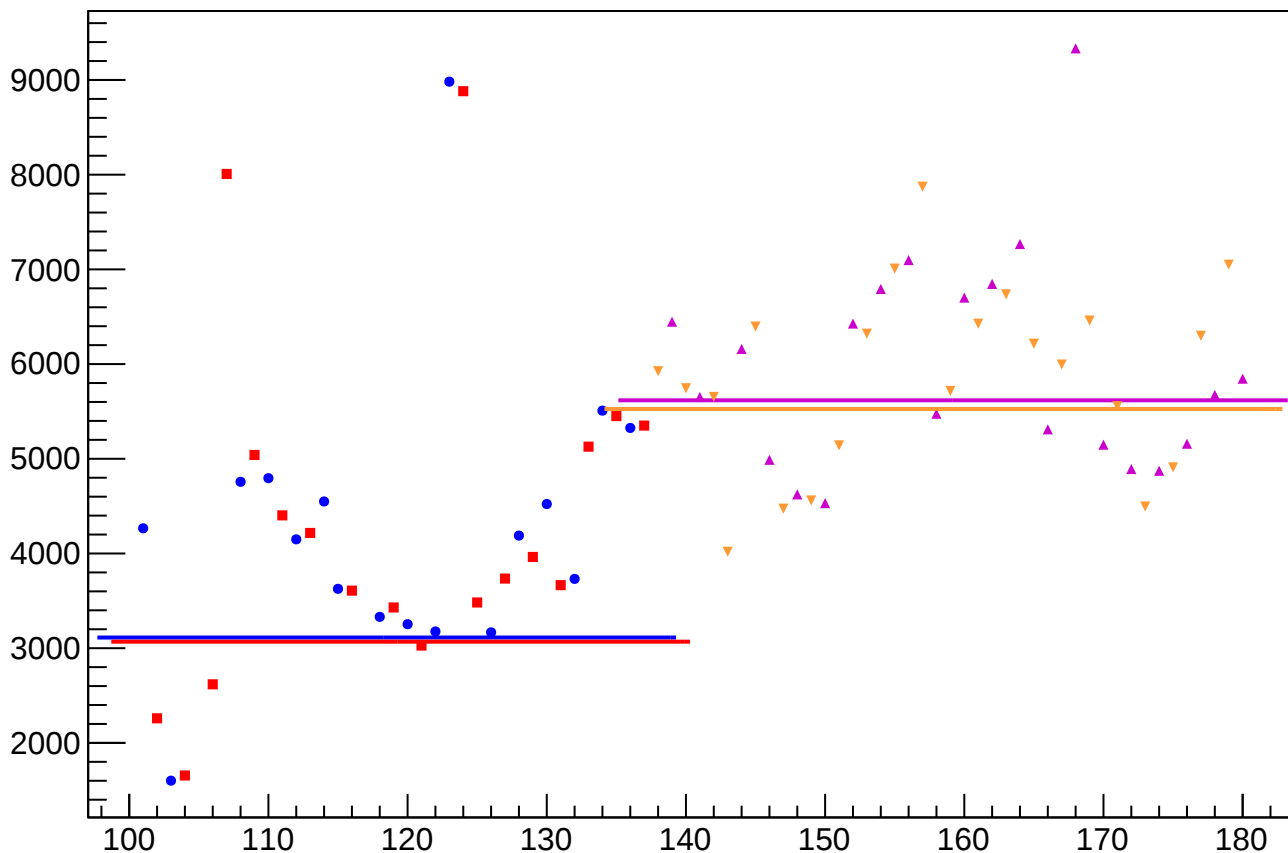
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2235.770+/-955.296 χ^2/NDF : 26.9/37

Out: 810.813+/-941.748 χ^2/NDF : 55.0/39

All: 1513.116+/-670.655 χ^2/NDF : 83.0/77

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5525.876 $\pm$ 0.974 χ^2 /NDF: 991389.1/21

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

Left In: 5617.519 $\pm$ 0.992 χ^2 /NDF: 901380.5/20

Left: 5570.856 $\pm$ 0.695 χ^2 /NDF: 1897116.4/42

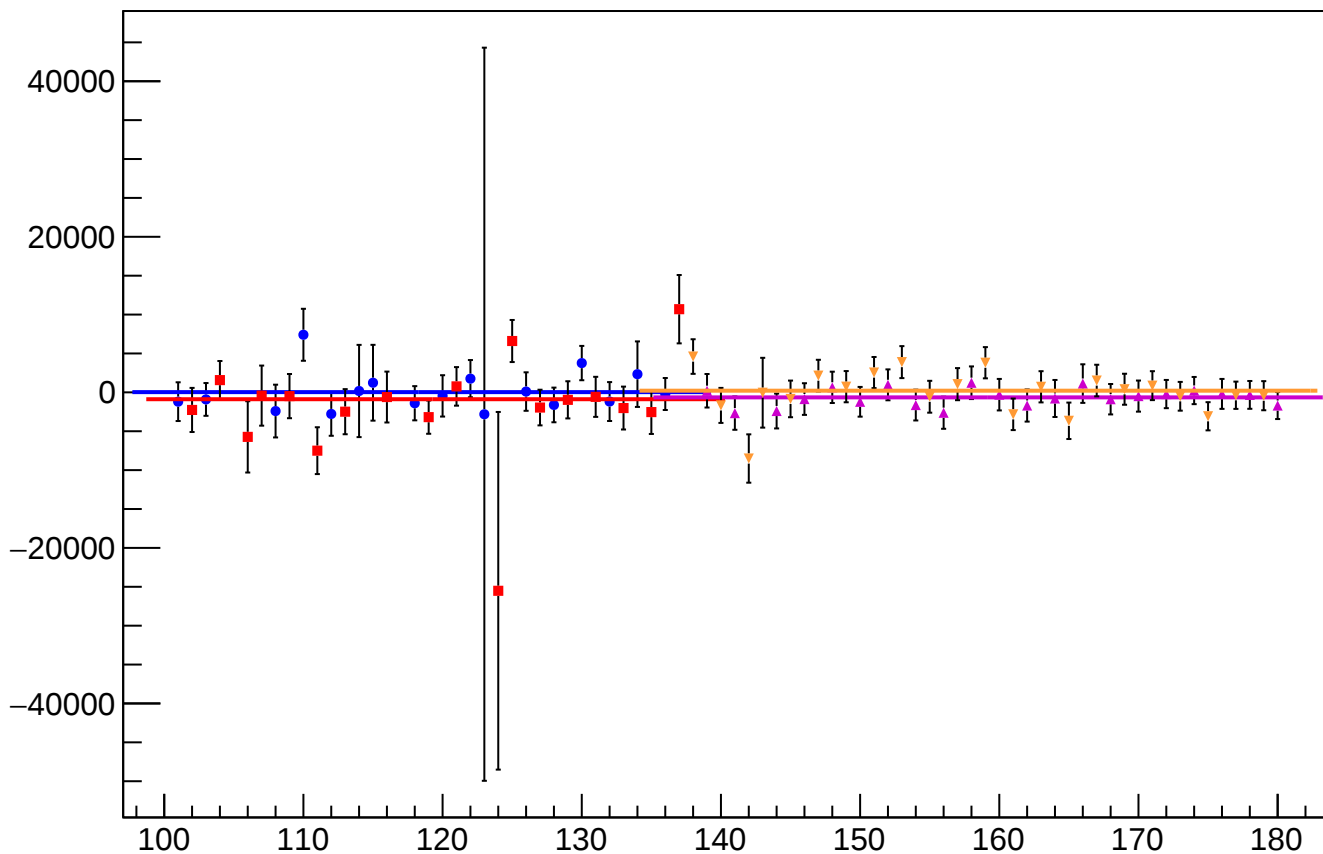
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4274.450 $\pm$ 0.675 χ^2 /NDF: 6205467.9/37

Out: 4199.747 $\pm$ 0.661 χ^2 /NDF: 6429300.0/39

All: 4236.271 $\pm$ 0.472 χ^2 /NDF: 12641018.6/77

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 213.296 $\pm$ 442.987 χ^2 /NDF:31.0/21

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

Left In: -647.135 $\pm$ 436.972 χ^2 /NDF:6.4/20

Left: -222.801 $\pm$ 311.091 χ^2 /NDF: 39.3/42

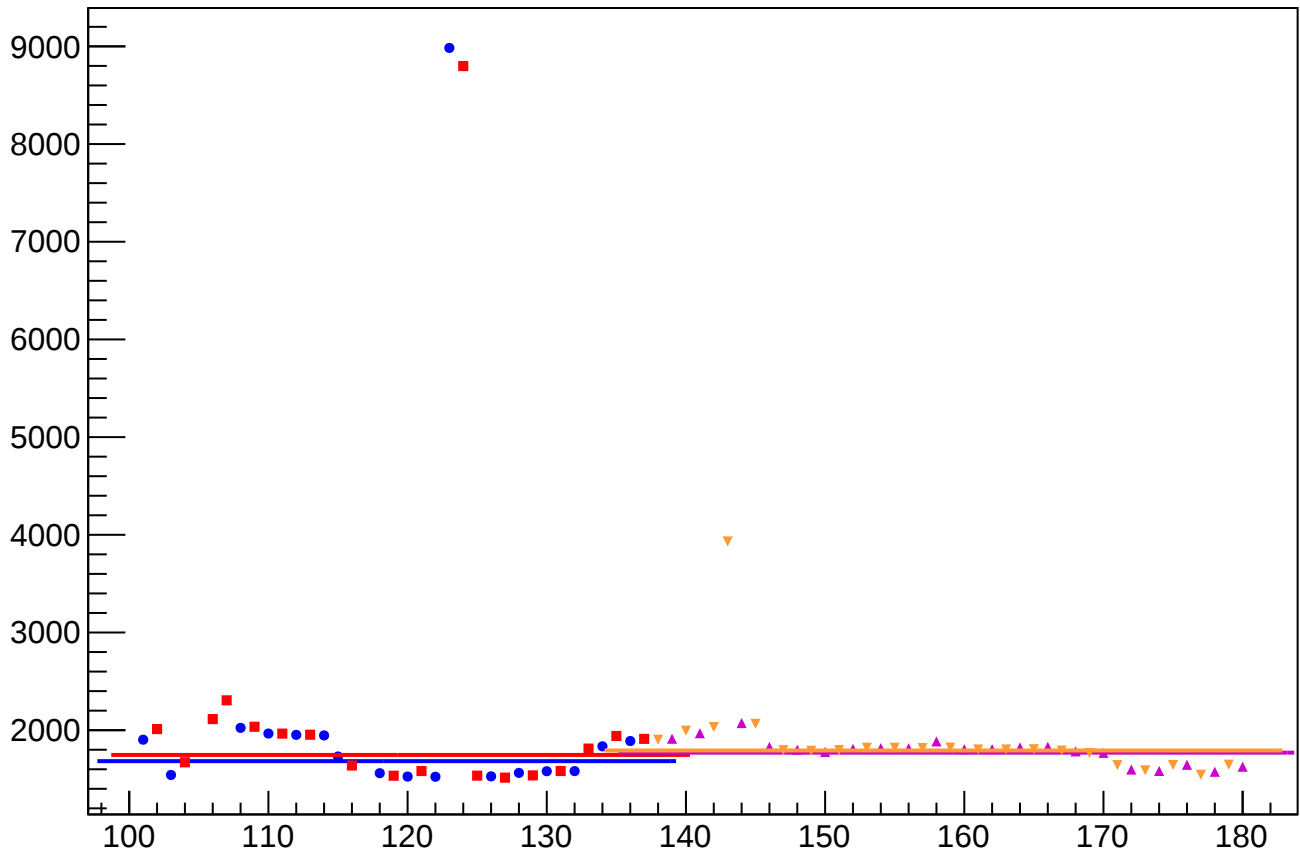
Right: -415.699 $\pm$ 471.191 χ^2 /NDF: 38.4/34

In: -440.351 $\pm$ 364.083 χ^2 /NDF:18.9/37

Out: -116.897 $\pm$ 370.292 χ^2 /NDF:58.4/39

All: -281.359 $\pm$ 259.613 χ^2 /NDF: 77.8/77

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1792.400+/-0.313 χ^2/NDF : 619319.6/21

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

Left In: 1770.097+/-0.309 χ^2/NDF : 164061.7/20

Left: 1781.096+/-0.220 χ^2/NDF : 785950.8/42

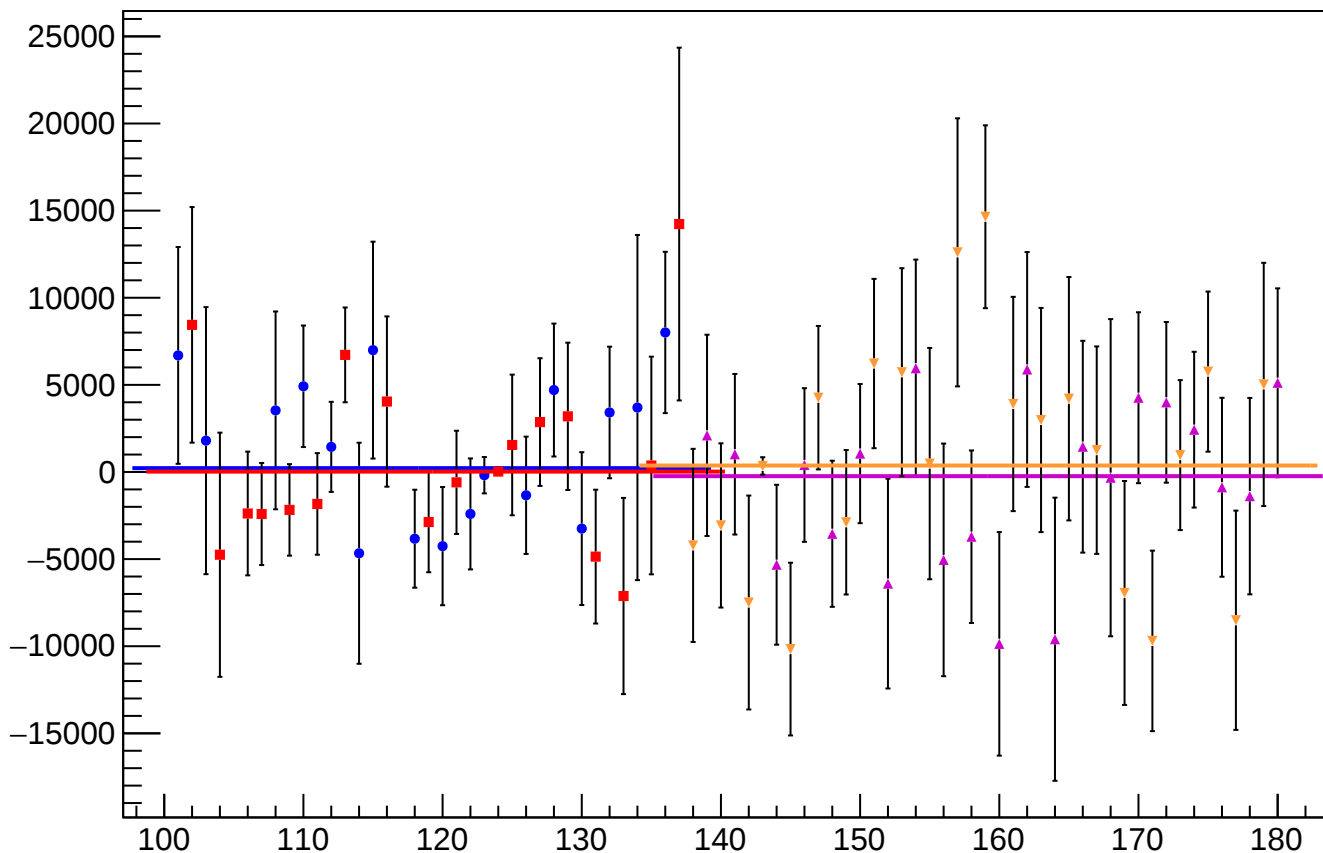
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1743.502+/-0.257 χ^2/NDF : 384146.1/37

Out: 1778.620+/-0.262 χ^2/NDF : 1032447.4/39

All: 1760.776+/-0.184 χ^2/NDF : 1425746.3/77

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 370.385 $\pm$ 459.911 χ^2/NDF : 30.8/21

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

Left In: -240.332 $\pm$ 1151.013 χ^2/NDF : 12.8/20

Left: 286.304 $\pm$ 427.080 χ^2/NDF : 43.9/42

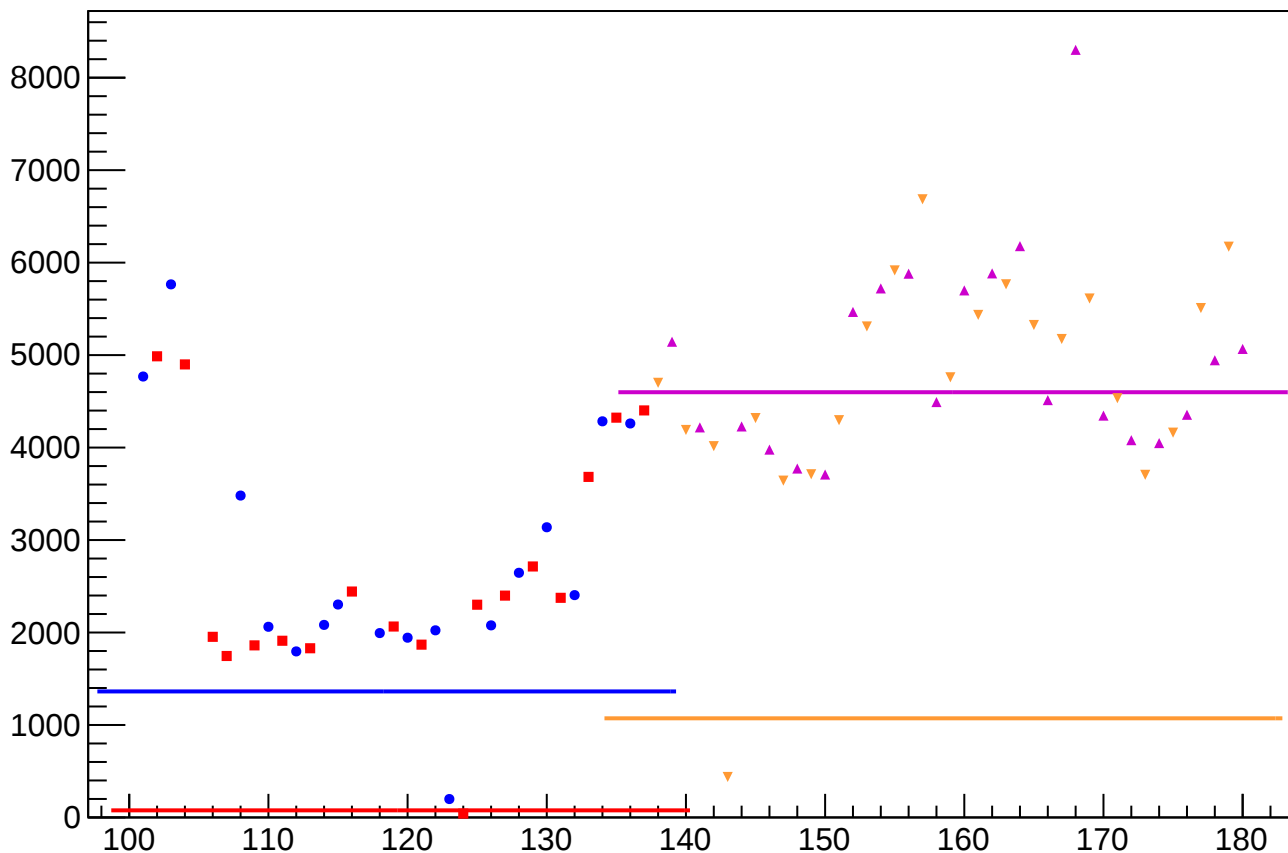
Right: 26.783 $\pm$ 112.731 χ^2/NDF : 34.5/34

In: 90.160 $\pm$ 610.969 χ^2/NDF : 28.8/37

Out: 42.159 $\pm$ 110.775 χ^2/NDF : 49.9/39

All: 43.687 $\pm$ 108.998 χ^2/NDF : 78.7/77

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1072.096 $\pm$ 0.325 χ^2 /NDF: 22241847.9/21

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

Left In: 4598.593 $\pm$ 0.814 χ^2 /NDF: 1068523.5/20

Left: 1557.609 $\pm$ 0.302 χ^2 /NDF: 39499651.6/42

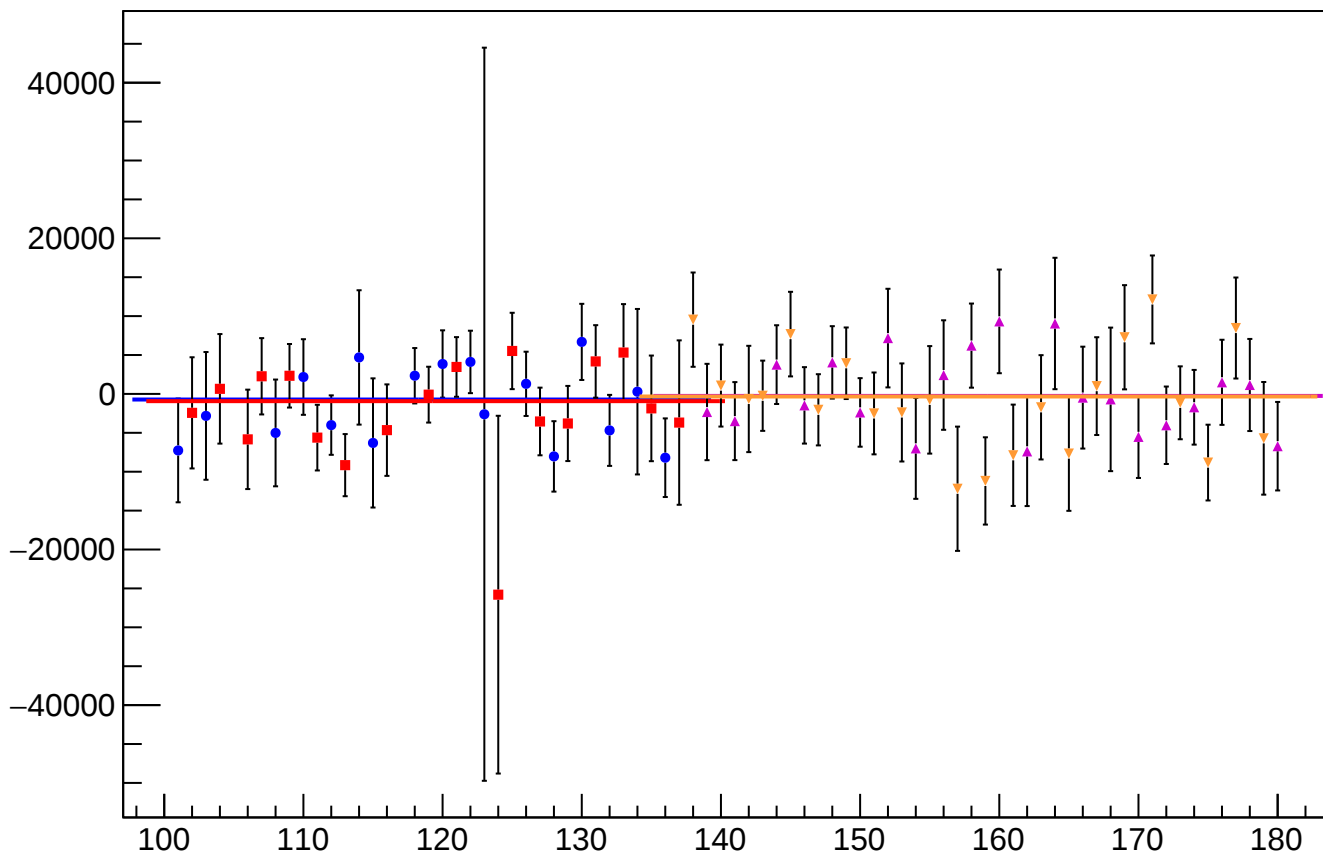
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2274.545 $\pm$ 0.432 χ^2 /NDF: 18656832.2/37

Out: 134.572 $\pm$ 0.078 χ^2 /NDF: 44178963.4/39

All: 202.681 $\pm$ 0.077 χ^2 /NDF: 86591123.6/77

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -332.084+/-1225.217 χ^2/NDF : 26.2/21

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

Left In: -257.318+/-1238.981 χ^2/NDF : 13.8/20

Left: -295.119+/-871.185 χ^2/NDF : 40.0/42

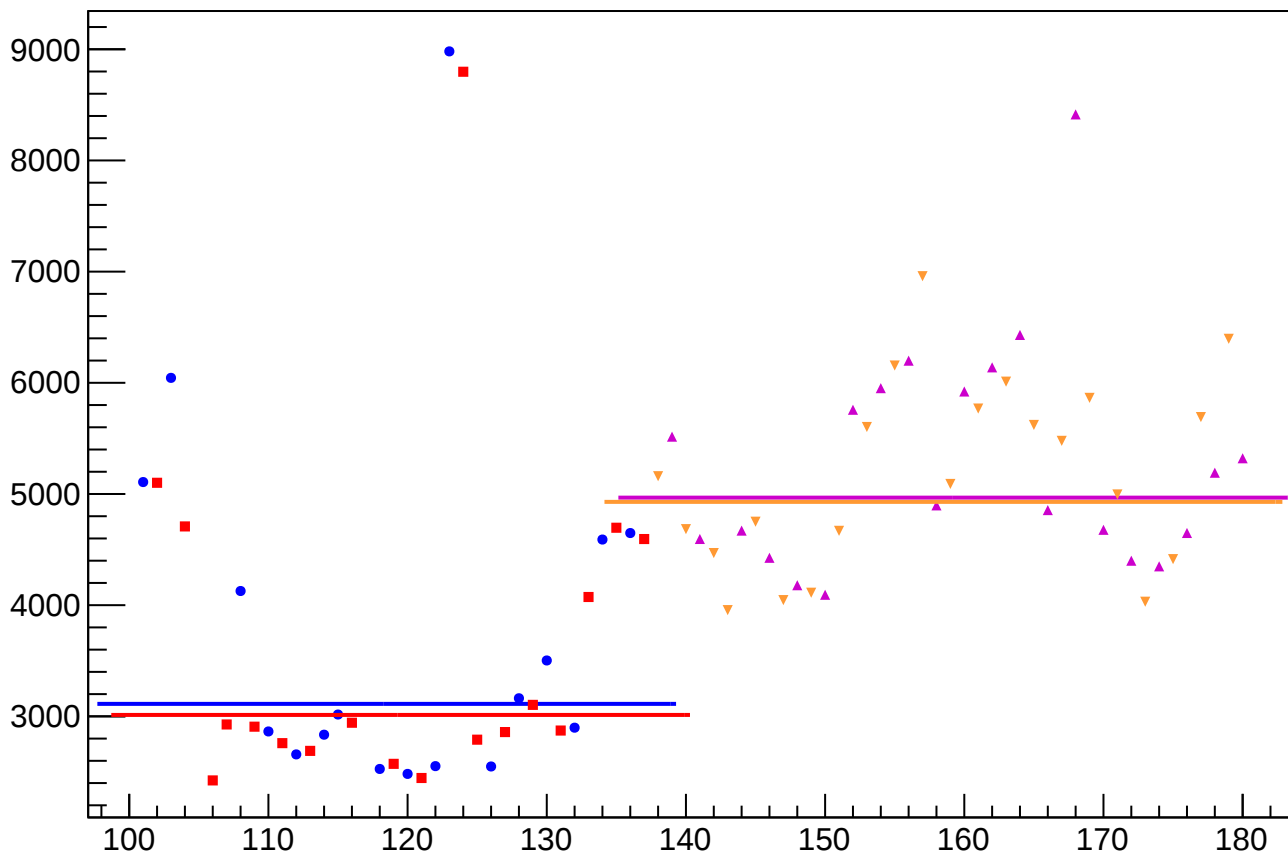
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -486.879+/-880.839 χ^2/NDF : 28.6/37

Out: -639.520+/-855.277 χ^2/NDF : 41.2/39

All: -565.446+/-613.610 χ^2/NDF : 69.8/77

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3112.232+/-0.886 χ^2/NDF : 958497.7/16

Left Out: 4929.125+/-0.866 χ^2/NDF : 833923.7/21

Right Out: 3012.763+/-0.834 χ^2/NDF : 774261.7/17

Left In: 4967.153+/-0.876 χ^2/NDF : 851571.7/20

Left: 4947.926+/-0.616 χ^2/NDF : 1686447.9/42

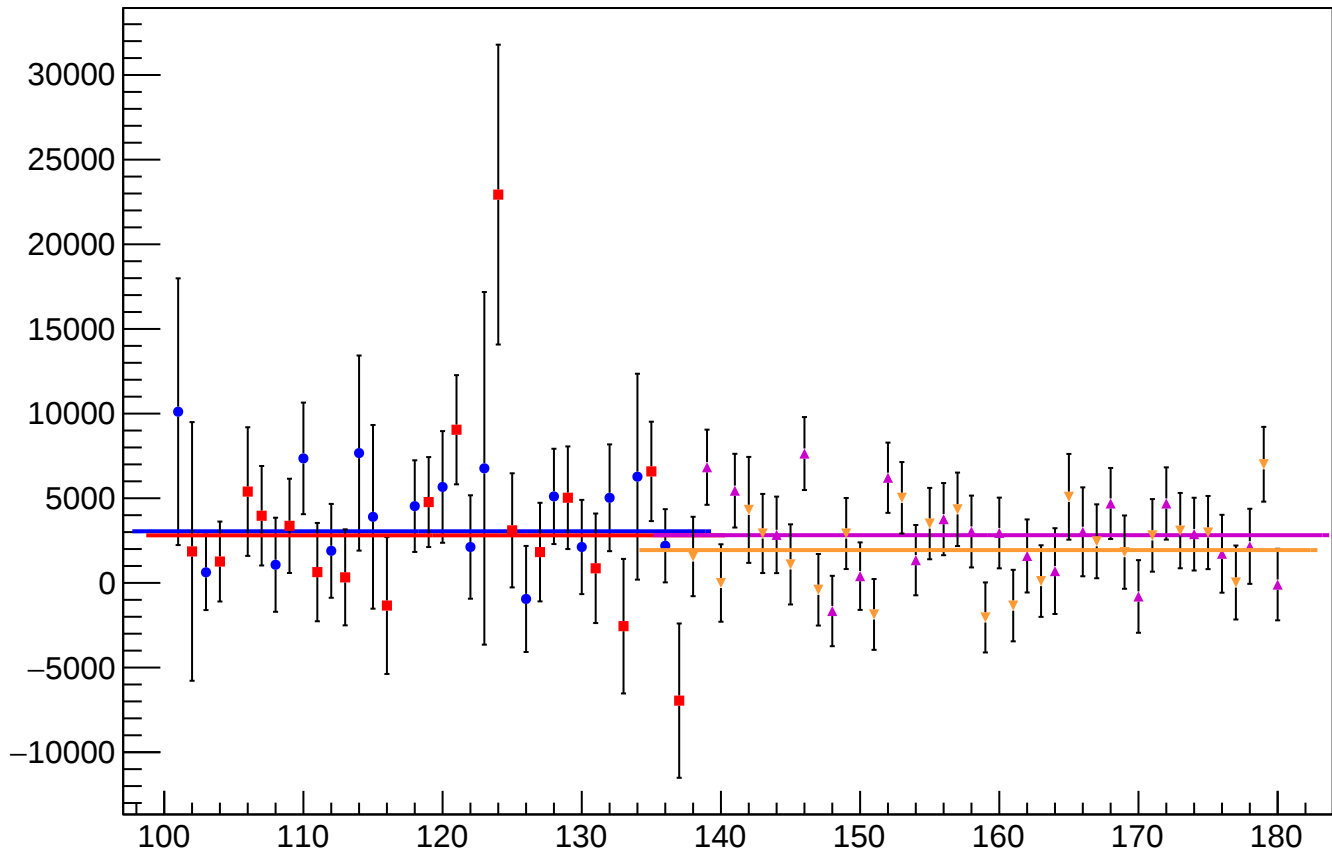
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 4049.767+/-0.623 χ^2/NDF : 4027133.2/37

Out: 3934.524+/-0.601 χ^2/NDF : 4147578.7/39

All: 3990.075+/-0.432 χ^2/NDF : 8192444.3/77

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1937.918 $\pm$ 472.091 χ^2 /NDF:25.5/21

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

Left In: 2818.890 $\pm$ 473.675 χ^2 /NDF:26.9/20

Left: 2376.928 $\pm$ 334.377 χ^2 /NDF: 54.1/42

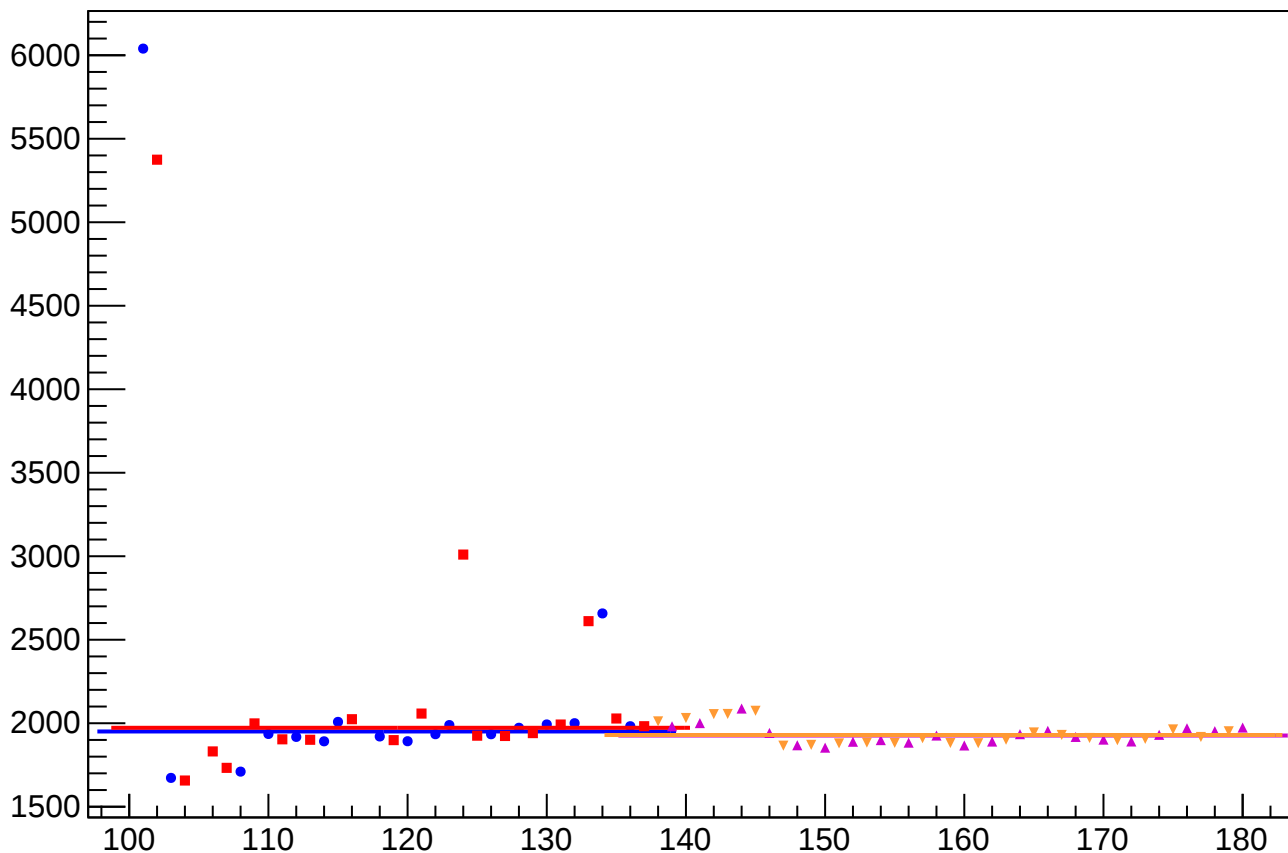
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

In: 2881.811 $\pm$ 403.782 χ^2 /NDF:36.3/37

Out: 2177.640 $\pm$ 401.925 χ^2 /NDF:48.4/39

All: 2528.103 $\pm$ 284.858 χ^2 /NDF: 86.2/77

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1929.520 $\pm$ 0.334 χ^2 /NDF:33631.3/21

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

Left In: 1926.396 $\pm$ 0.335 χ^2 /NDF:25222.0/20

Left: 1927.963 $\pm$ 0.236 χ^2 /NDF: 58896.9/42

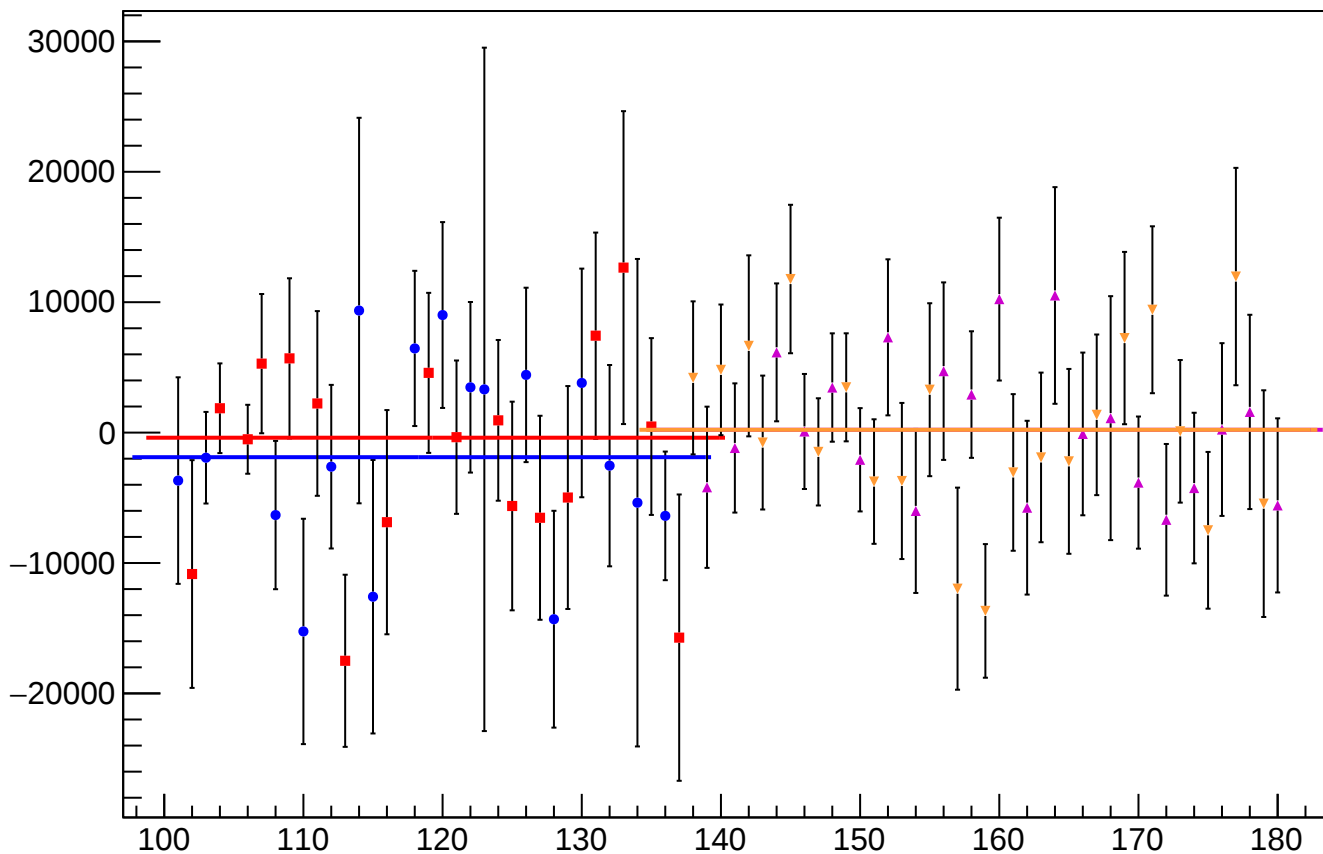
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1933.037 $\pm$ 0.286 χ^2 /NDF:641825.5/37

Out: 1941.419 $\pm$ 0.284 χ^2 /NDF:573914.9/39

All: 1937.248 $\pm$ 0.201 χ^2 /NDF: 1216173.4/77

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 215.354+/-1231.951 χ^2/NDF : 26.1/21

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

Left In: 215.707+/-1236.036 χ^2/NDF : 14.3/20

Left: 215.530+/-872.561 χ^2/NDF : 40.4/42

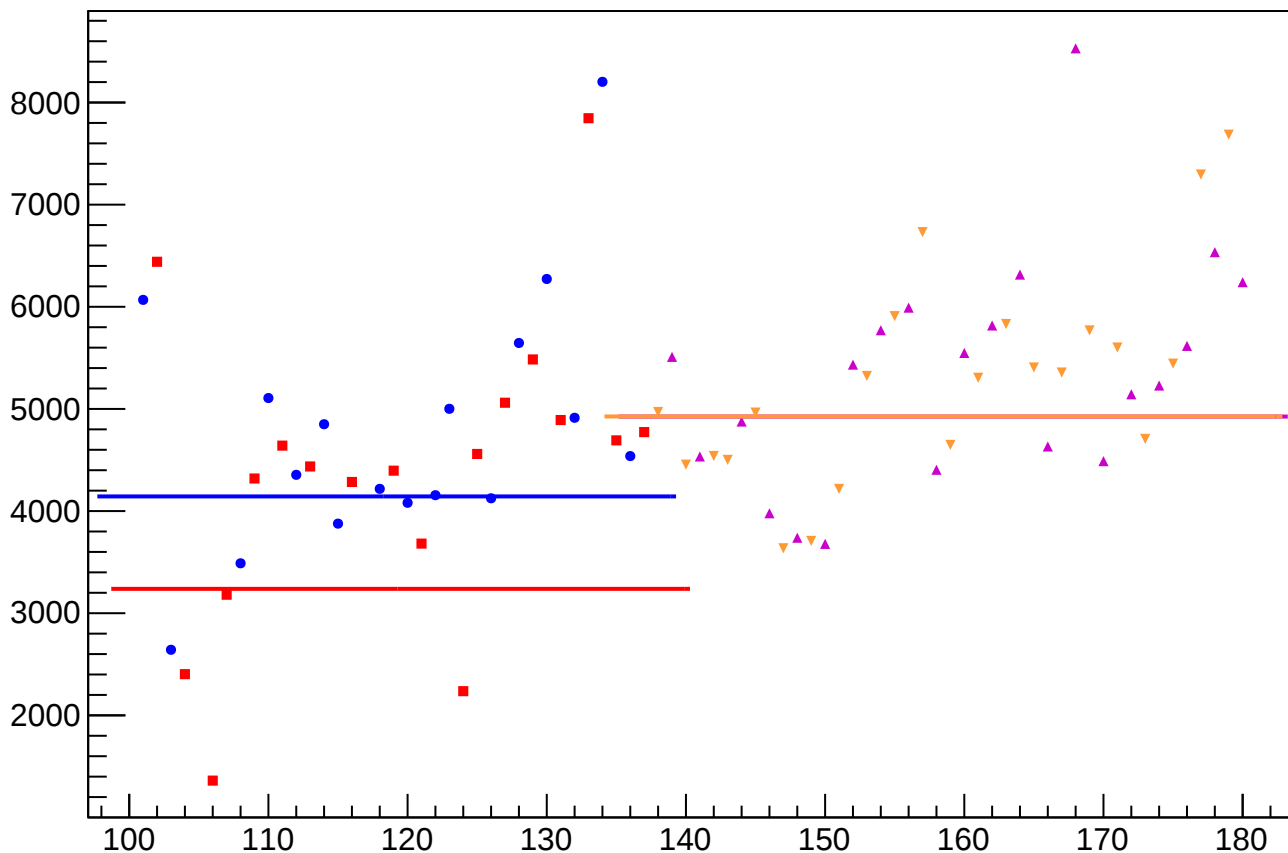
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -534.843+/-990.961 χ^2/NDF : 29.4/37

Out: -57.773+/-913.552 χ^2/NDF : 43.8/39

All: -276.949+/-671.680 χ^2/NDF : 73.3/77

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4926.426+/-0.871 χ^2/NDF : 1120649.8/21

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

Left In: 4925.362+/-0.874 χ^2/NDF : 1235617.4/20

Left: 4925.896+/-0.617 χ^2/NDF : 2356268.0/42

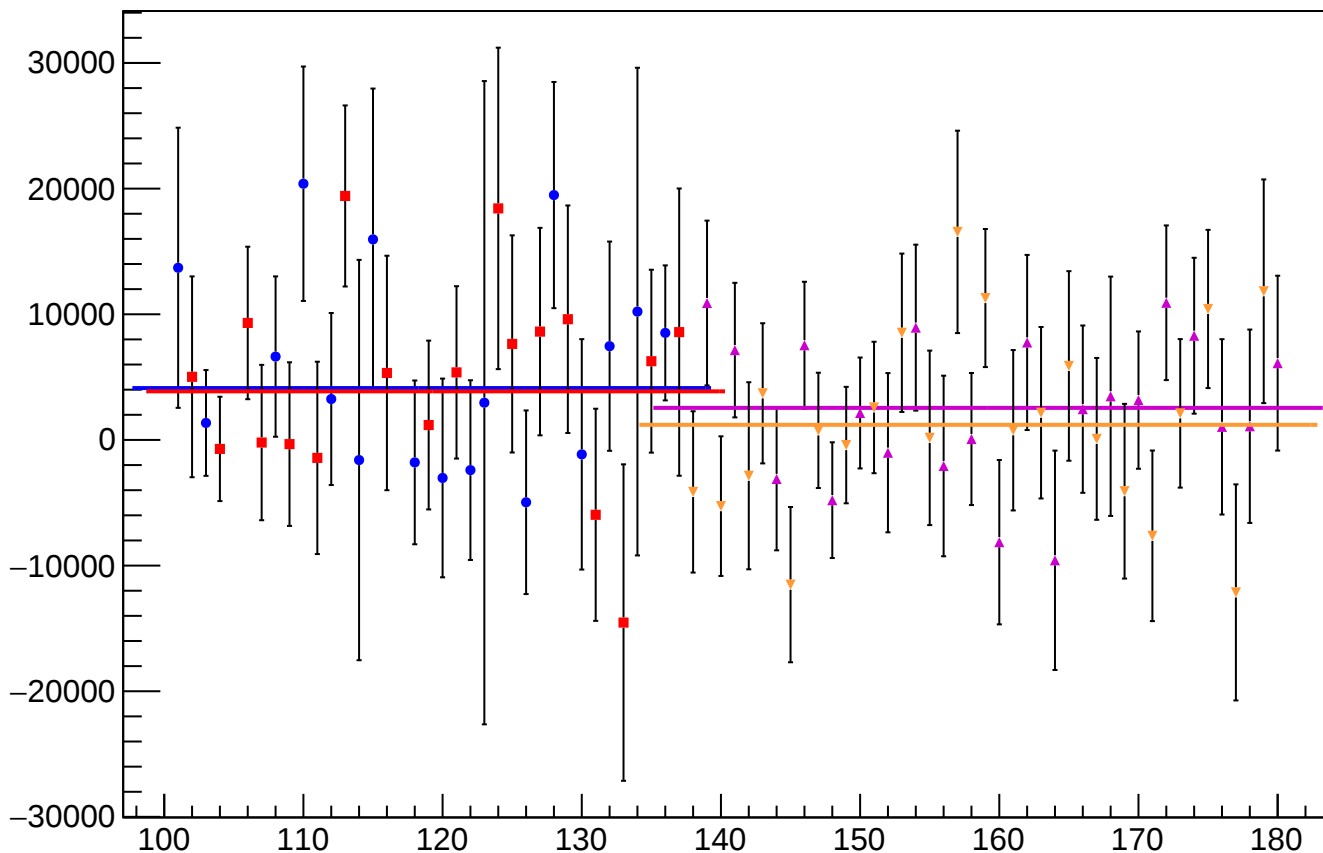
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4646.045+/-0.701 χ^2/NDF : 2377486.1/37

Out: 4166.724+/-0.646 χ^2/NDF : 5392338.6/39

All: 4386.934+/-0.475 χ^2/NDF : 8022771.2/77

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1202.496 $\pm$ 1326.495 χ^2/NDF : 24.1/21

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

Left In: 2551.645 $\pm$ 1330.470 χ^2/NDF : 17.0/20

Left: 1875.052 $\pm$ 939.376 χ^2/NDF : 41.6/42

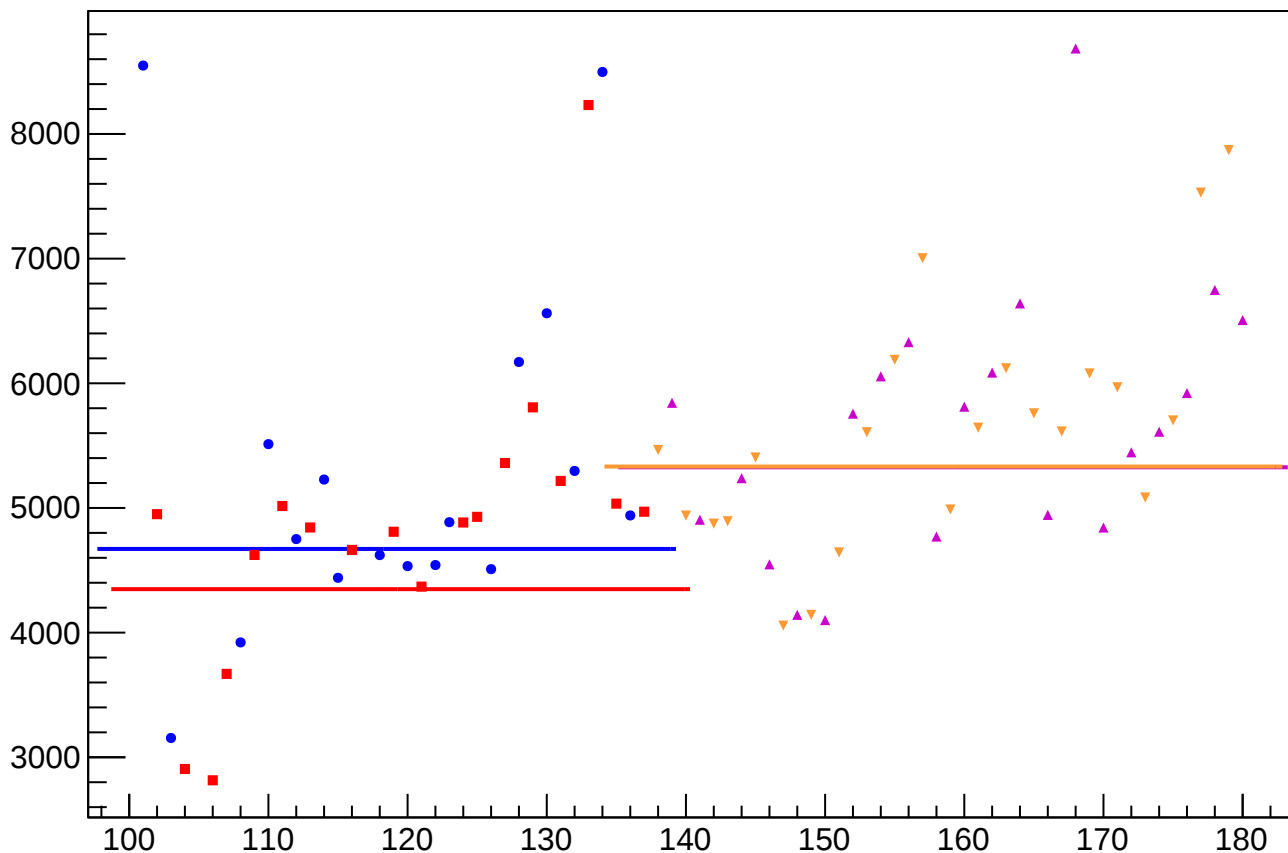
Right: 3986.746 $\pm$ 1266.737 χ^2/NDF : 27.9/34

In: 3083.582 $\pm$ 1082.727 χ^2/NDF : 31.1/37

Out: 2190.633 $\pm$ 1052.100 χ^2/NDF : 39.8/39

All: 2624.299 $\pm$ 754.542 χ^2/NDF : 71.3/77

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5332.273+/-0.938 χ^2/NDF : 866636.8/21

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

Left In: 5326.205+/-0.941 χ^2/NDF : 951061.2/20

Left: 5329.248+/-0.664 χ^2/NDF : 1817718.9/42

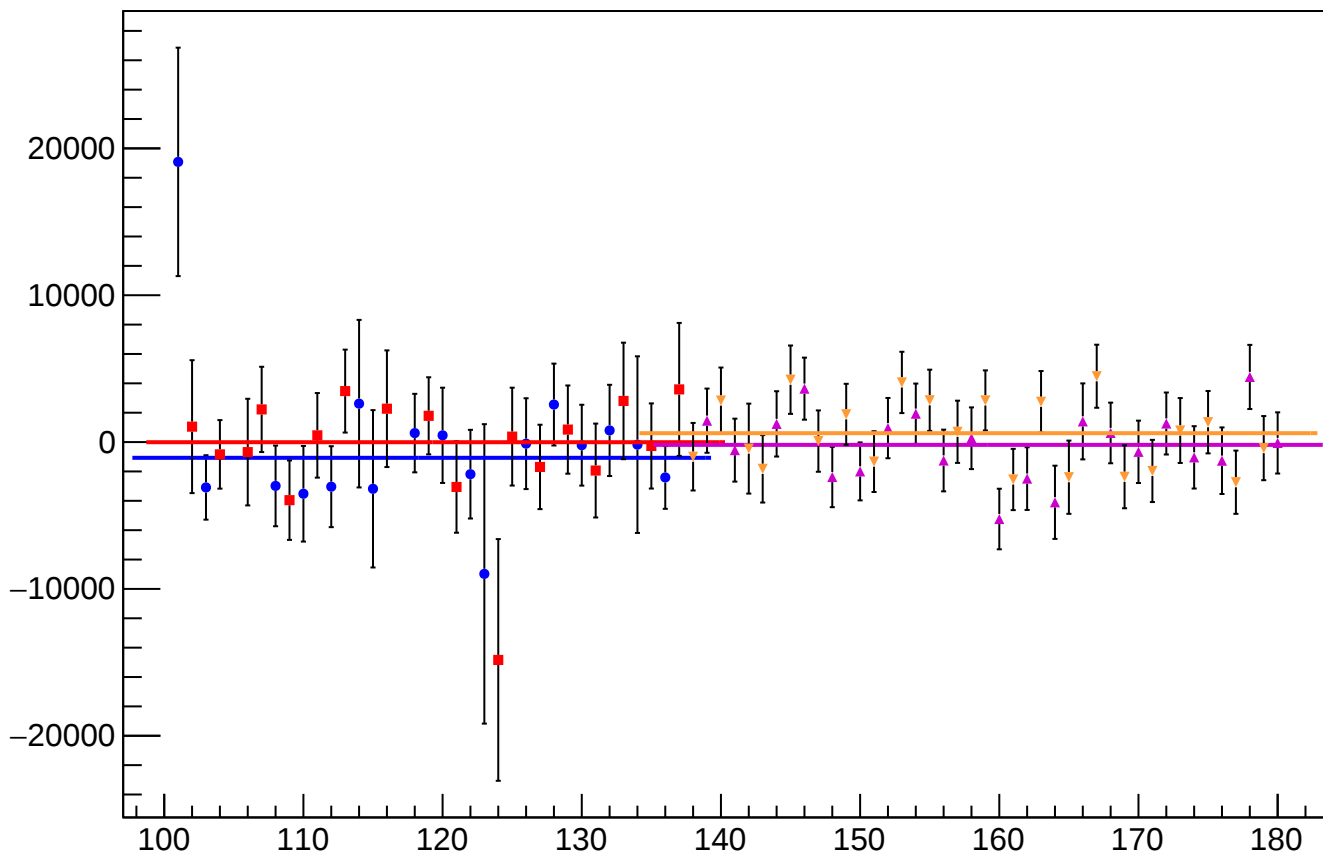
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5105.023+/-0.766 χ^2/NDF : 1900830.1/37

Out: 4964.779+/-0.742 χ^2/NDF : 2069898.6/39

All: 5032.738+/-0.533 χ^2/NDF : 3988024.0/77

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 604.840 ± 465.653 χ^2/NDF : 25.7/21

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

Left In: -190.677 ± 467.438 χ^2/NDF : 23.5/20

Left: 208.604 ± 329.896 χ^2/NDF : 50.7/42

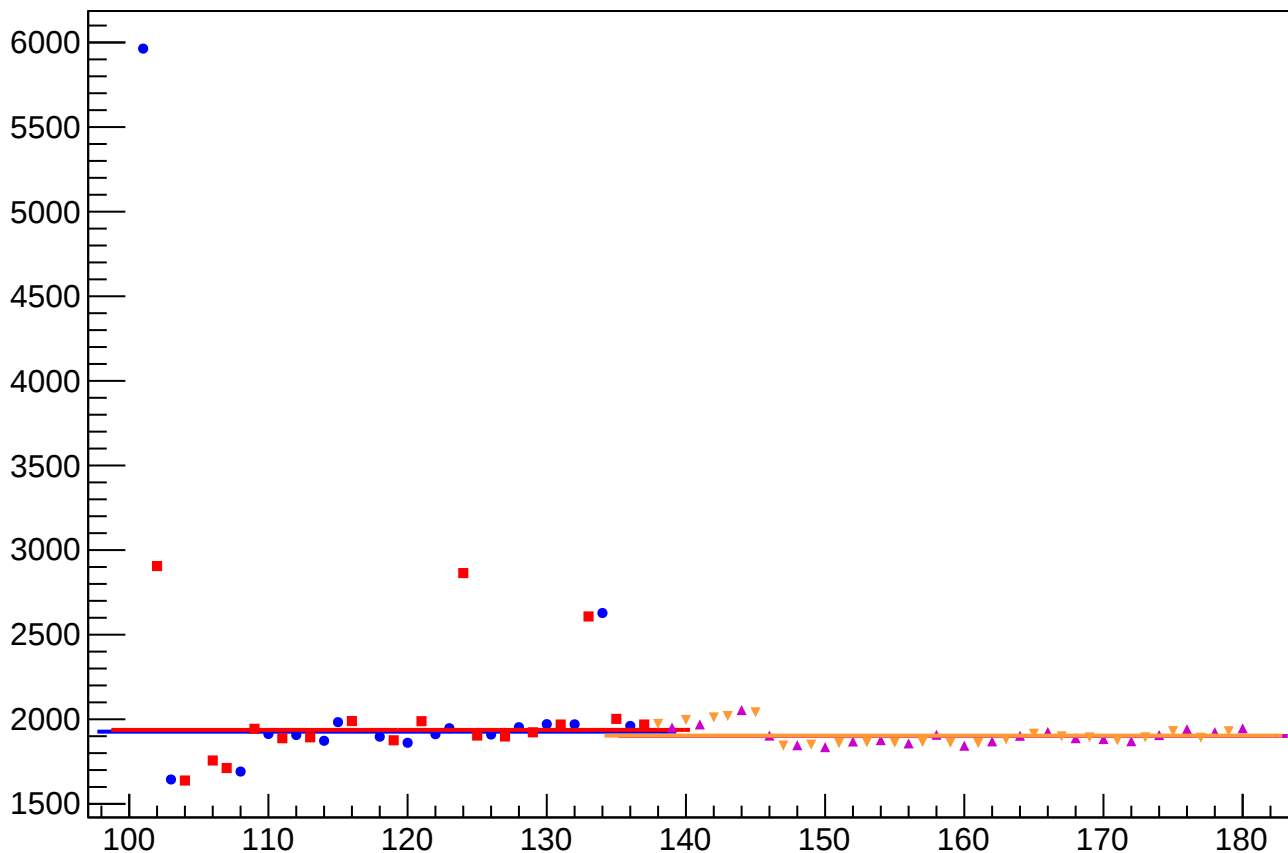
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -430.996 ± 398.582 χ^2/NDF : 38.2/37

Out: 433.448 ± 395.325 χ^2/NDF : 37.6/39

All: 4.773 ± 280.681 χ^2/NDF : 78.2/77

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.404+/-0.329 χ^2/NDF : 28869.3/21

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

Left In: 1901.146+/-0.331 χ^2/NDF : 22595.0/20

Left: 1902.279+/-0.233 χ^2/NDF : 51487.7/42

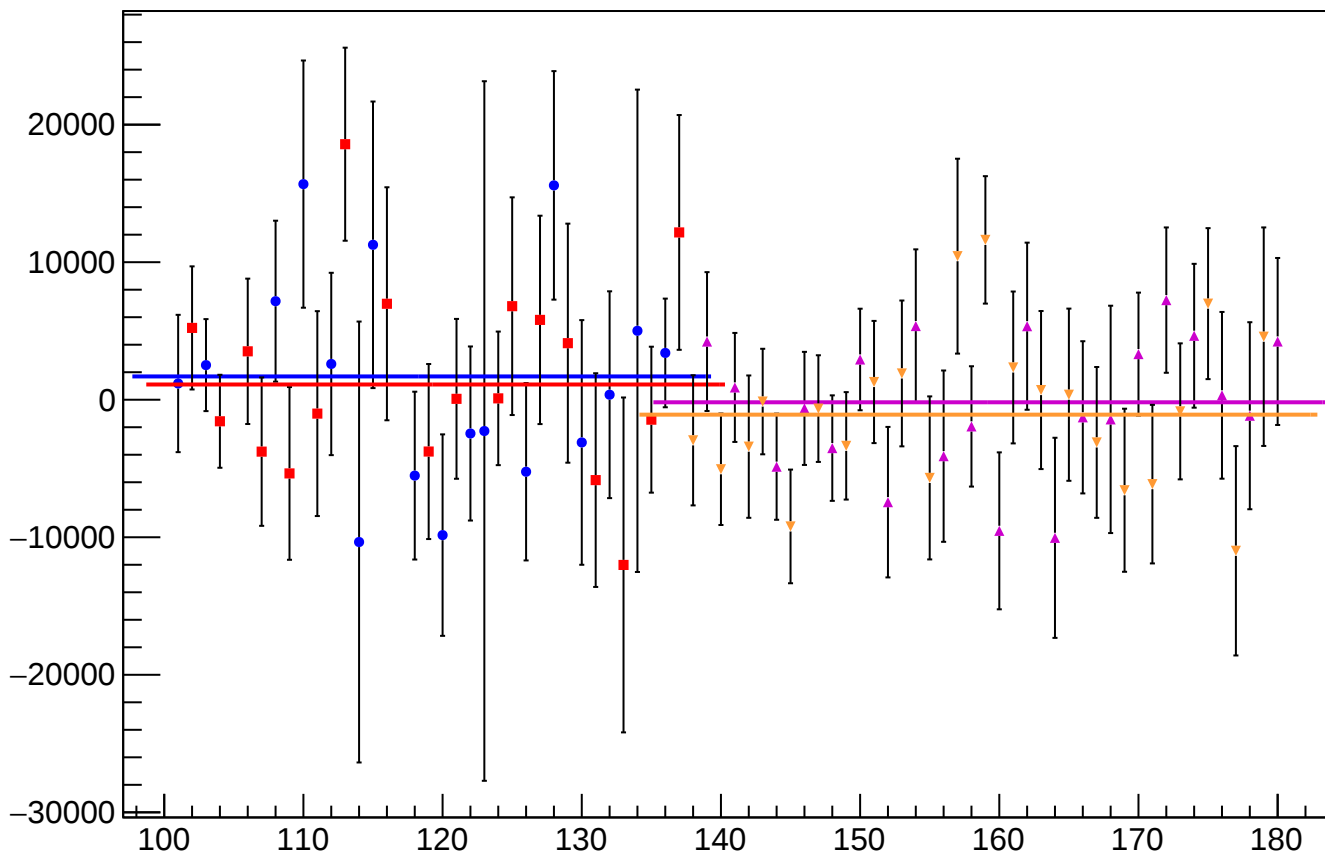
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1908.172+/-0.282 χ^2/NDF : 641366.9/37

Out: 1912.874+/-0.279 χ^2/NDF : 260907.9/39

All: 1910.543+/-0.198 χ^2/NDF : 902415.1/77

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1085.087 $\pm$ 1071.977 χ^2/NDF : 23.6/21

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

Left In: -186.041 $\pm$ 1093.299 χ^2/NDF : 16.5/20

Left: -644.417 $\pm$ 765.429 χ^2/NDF : 40.5/42

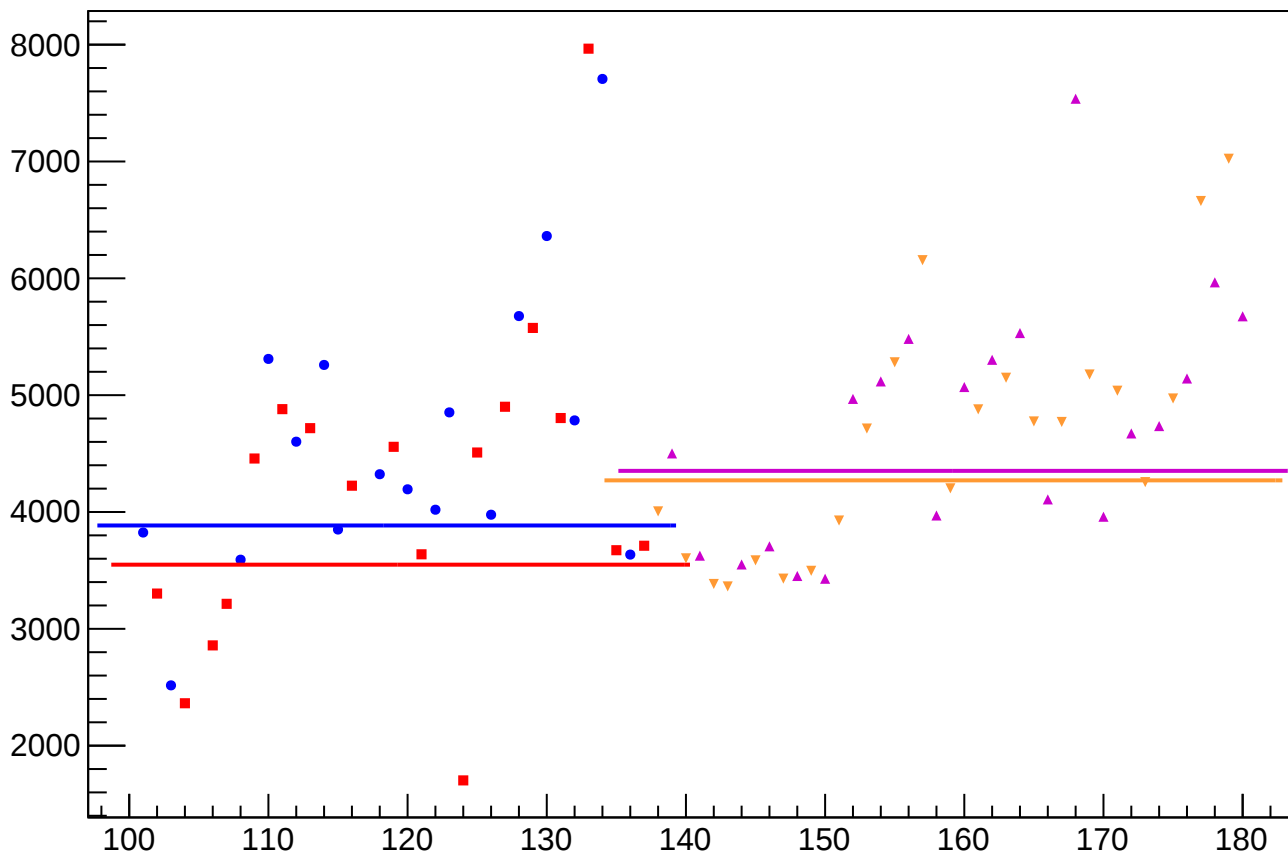
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

In: 437.512 $\pm$ 893.784 χ^2/NDF : 31.1/37

Out: -283.757 $\pm$ 853.954 χ^2/NDF : 41.0/39

All: 60.449 $\pm$ 617.437 χ^2/NDF : 72.5/77

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4270.738 $\pm$ 0.758 χ^2 /NDF:1337789.4/21

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

Left In: 4352.068 $\pm$ 0.773 χ^2 /NDF:1292823.2/20

Left: 4310.602 $\pm$ 0.541 χ^2 /NDF: 2636255.5/42

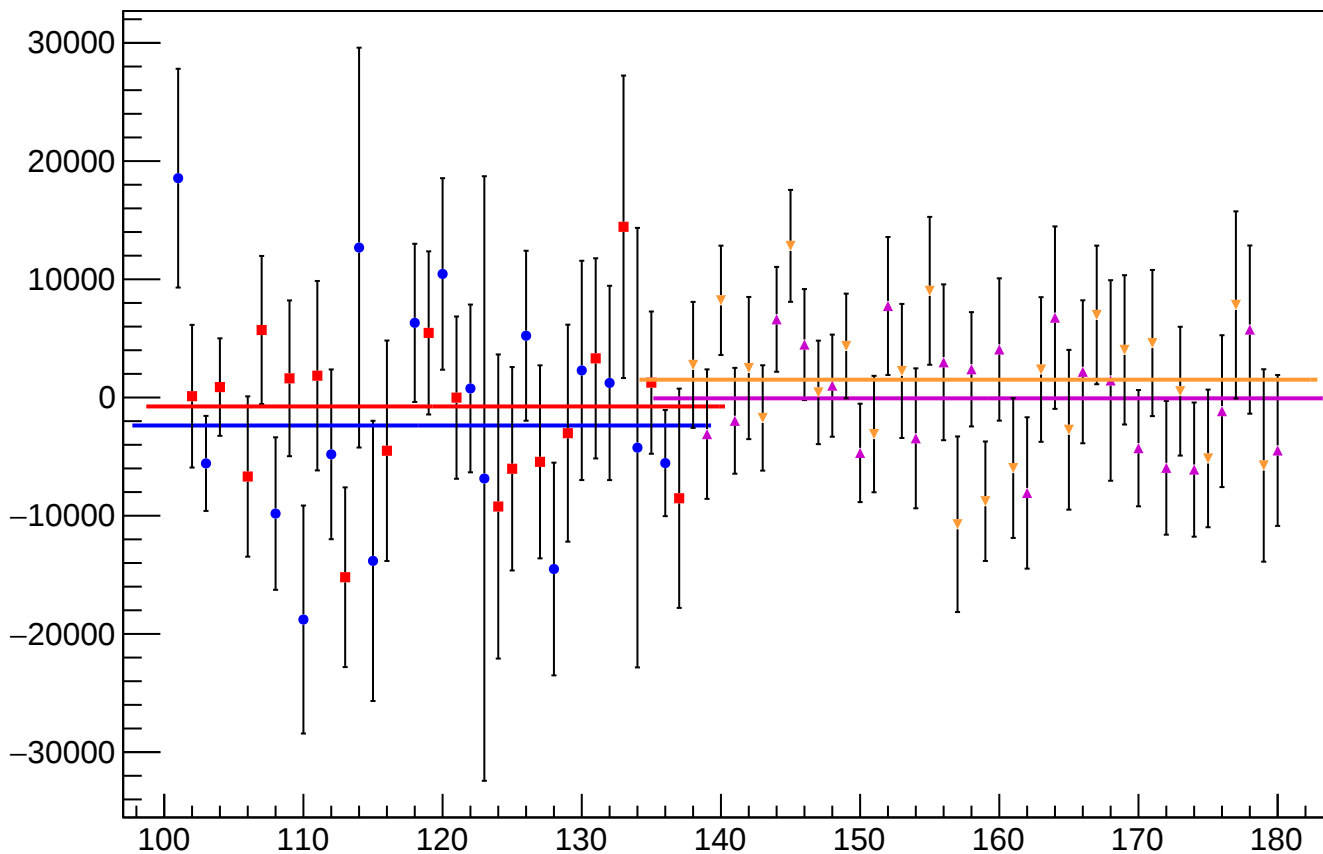
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4197.021 $\pm$ 0.632 χ^2 /NDF:2240660.4/37

Out: 4007.062 $\pm$ 0.604 χ^2 /NDF:2995890.6/39

All: 4097.715 $\pm$ 0.437 χ^2 /NDF: 5283779.3/77

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1509.055 $\pm$ 1182.790 χ^2/NDF : 24.2/21

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

Left In: -69.380 $\pm$ 1198.120 χ^2/NDF : 14.7/20

Left: 730.000 $\pm$ 841.726 χ^2/NDF : 39.7/42

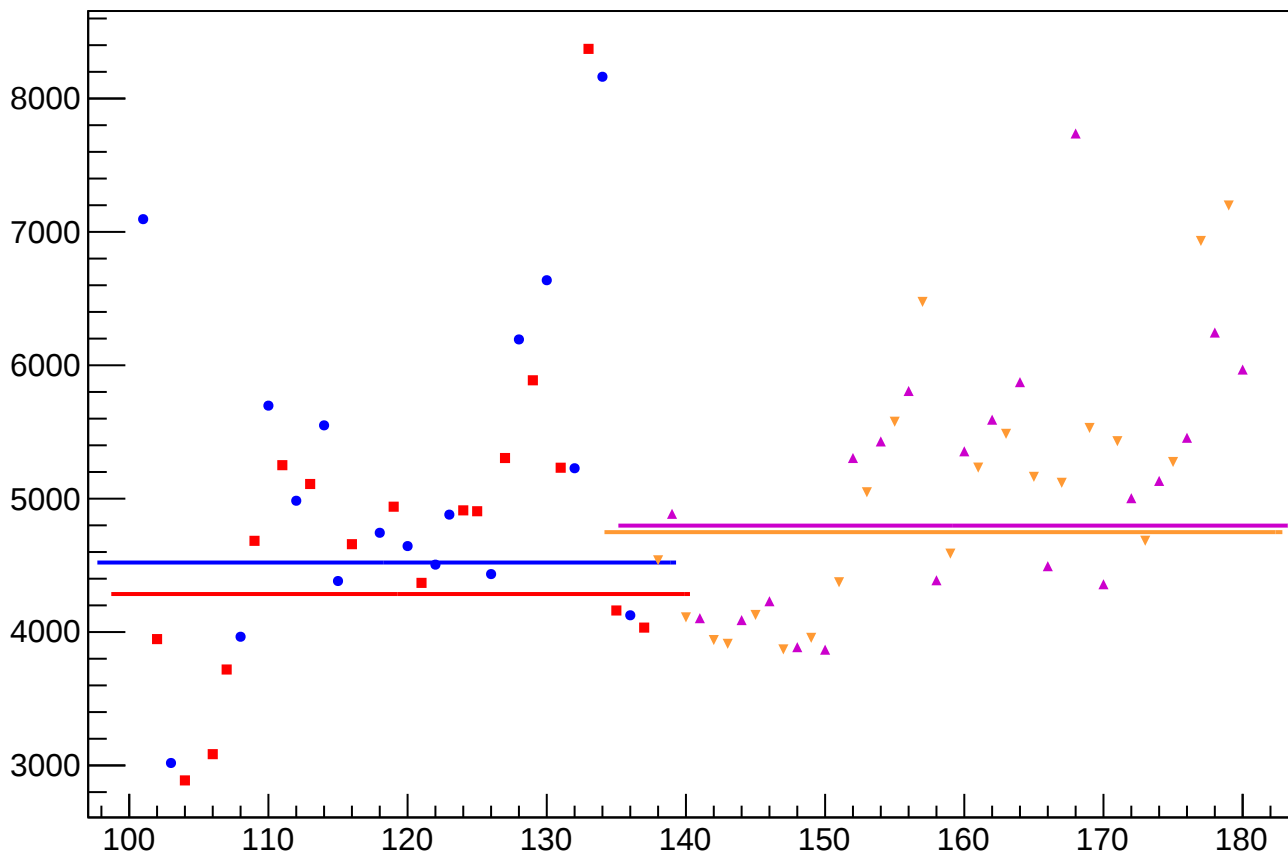
Right: -1511.498 $\pm$ 1233.889 χ^2/NDF : 31.1/34

In: -773.913 $\pm$ 997.707 χ^2/NDF : 35.9/37

Out: 766.261 $\pm$ 969.619 χ^2/NDF : 35.9/39

All: 18.158 $\pm$ 695.342 χ^2/NDF : 73.0/77

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4749.050+/-0.836 χ^2/NDF : 952233.6/21

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

Left In: 4798.008+/-0.847 χ^2/NDF : 945334.0/20

Left: 4773.214+/-0.595 χ^2/NDF : 1899258.9/42

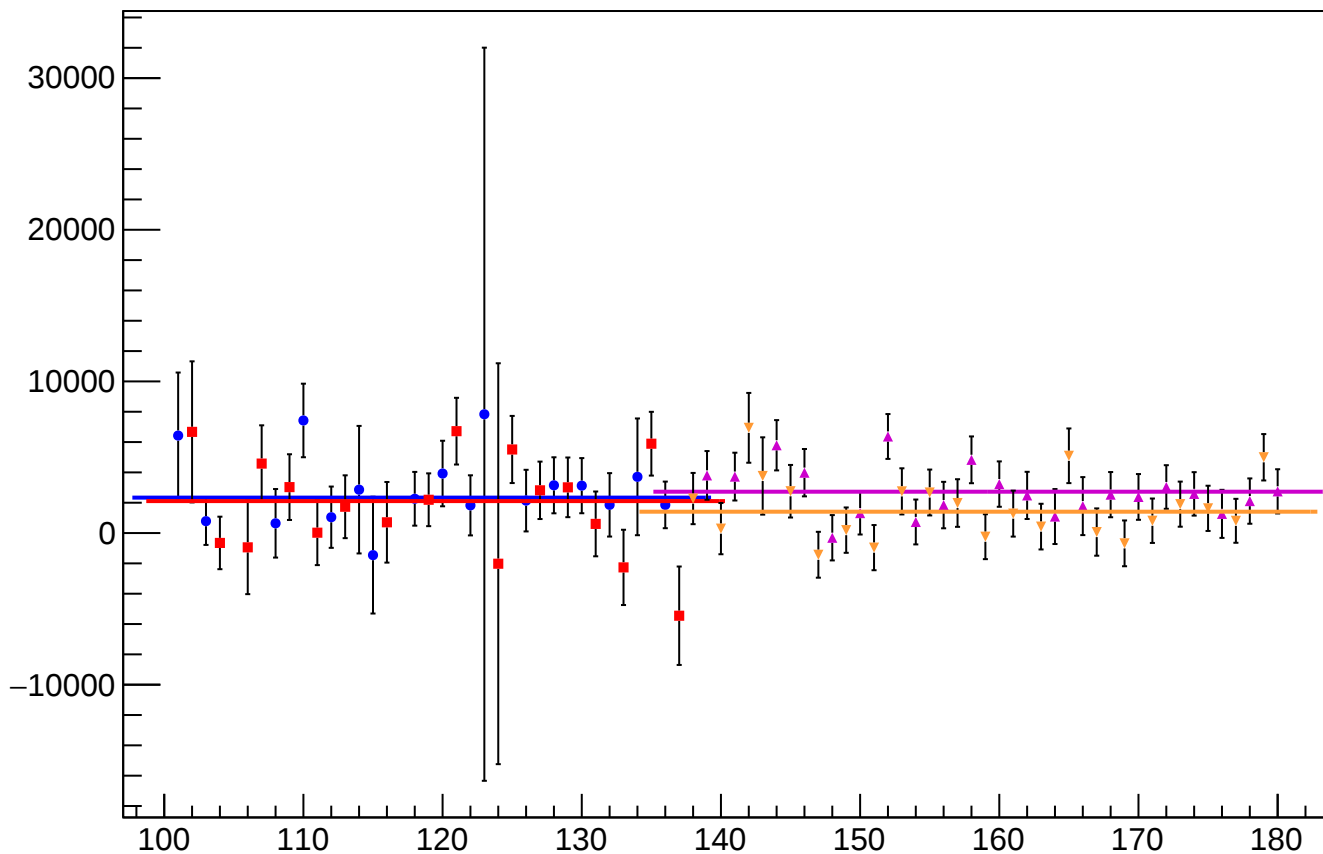
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4713.157+/-0.705 χ^2/NDF : 1756729.2/37

Out: 4595.734+/-0.684 χ^2/NDF : 1800330.3/39

All: 4652.662+/-0.491 χ^2/NDF : 3571332.1/77

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: 1408.308 $\pm$ 338.115 χ^2 /NDF:30.8/21

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

Left In: 2726.537 $\pm$ 335.406 χ^2 /NDF:22.5/20

Left: 2072.725 $\pm$ 238.120 χ^2 /NDF: 60.9/42

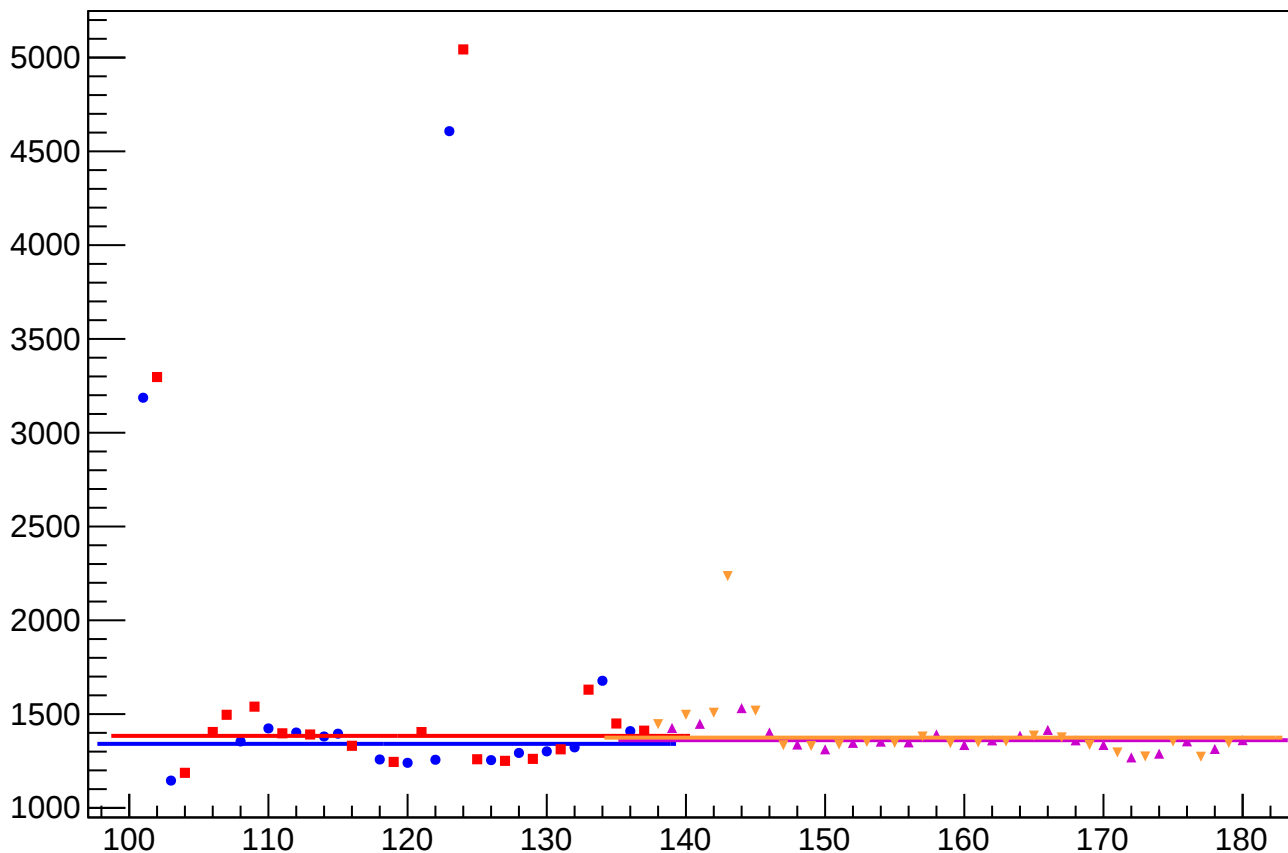
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2615.476 $\pm$ 283.593 χ^2 /NDF:32.5/37

Out: 1605.321 $\pm$ 286.516 χ^2 /NDF:58.3/39

All: 2115.577 $\pm$ 201.556 χ^2 /NDF: 97.1/77

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: 1374.491+/-0.239 χ^2/NDF :297288.3/21

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

Left In: 1360.908+/-0.237 χ^2/NDF :54456.7/20

Left: 1367.645+/-0.168 χ^2/NDF : 353371.7/42

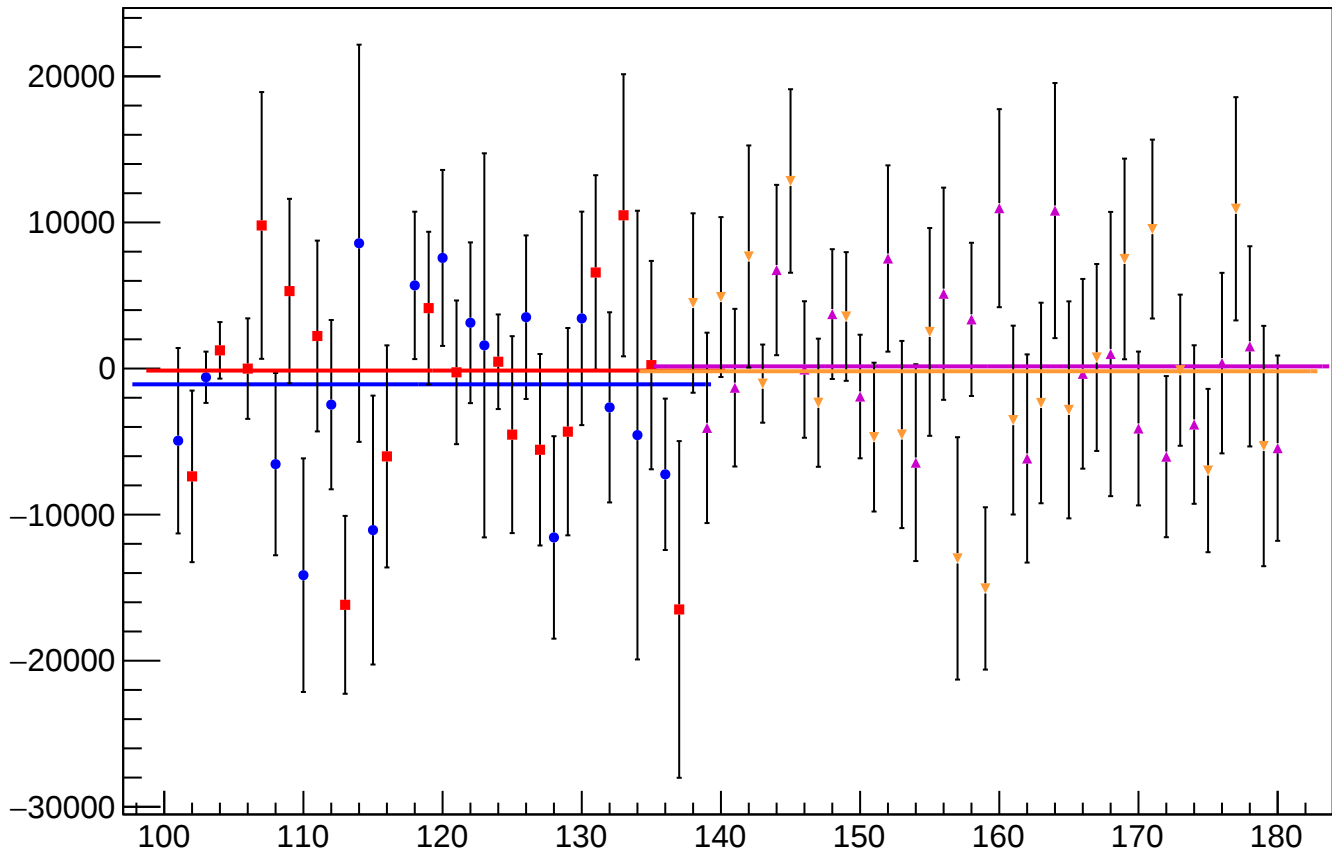
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1355.339+/-0.201 χ^2/NDF :560662.8/37

Out: 1377.150+/-0.203 χ^2/NDF :891572.9/39

All: 1366.134+/-0.143 χ^2/NDF : 1458090.9/77

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -185.763 ± 1184.777 χ^2/NDF : 27.1/21

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

Left In: 149.328 ± 1284.859 χ^2/NDF : 13.9/20

Left: -31.774 ± 870.999 χ^2/NDF : 41.0/42

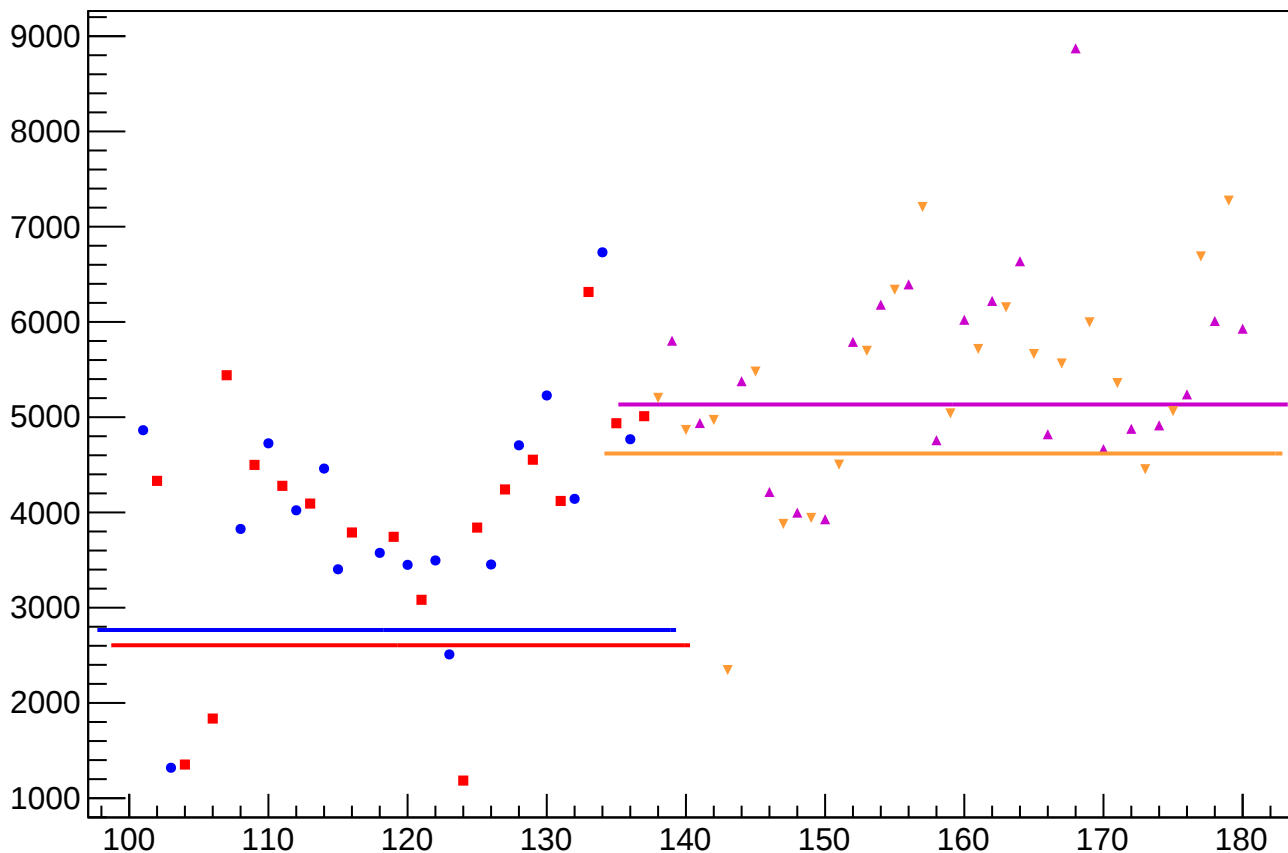
Right: -576.559 ± 826.355 χ^2/NDF : 33.3/34

In: -501.534 ± 881.793 χ^2/NDF : 29.4/37

Out: -161.176 ± 817.452 χ^2/NDF : 45.1/39

All: -318.486 ± 599.483 χ^2/NDF : 74.6/77

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



Right In: 2765.736+/-0.857 χ^2/NDF : 2939083.2/16

Left Out: 4618.703+/-0.838 χ^2/NDF : 2713983.6/21

Right Out: 2605.528+/-0.799 χ^2/NDF : 3322334.9/17

Left In: 5133.442+/-0.909 χ^2/NDF : 1066083.1/20

Left: 4855.247+/-0.616 χ^2/NDF : 3953548.9/42

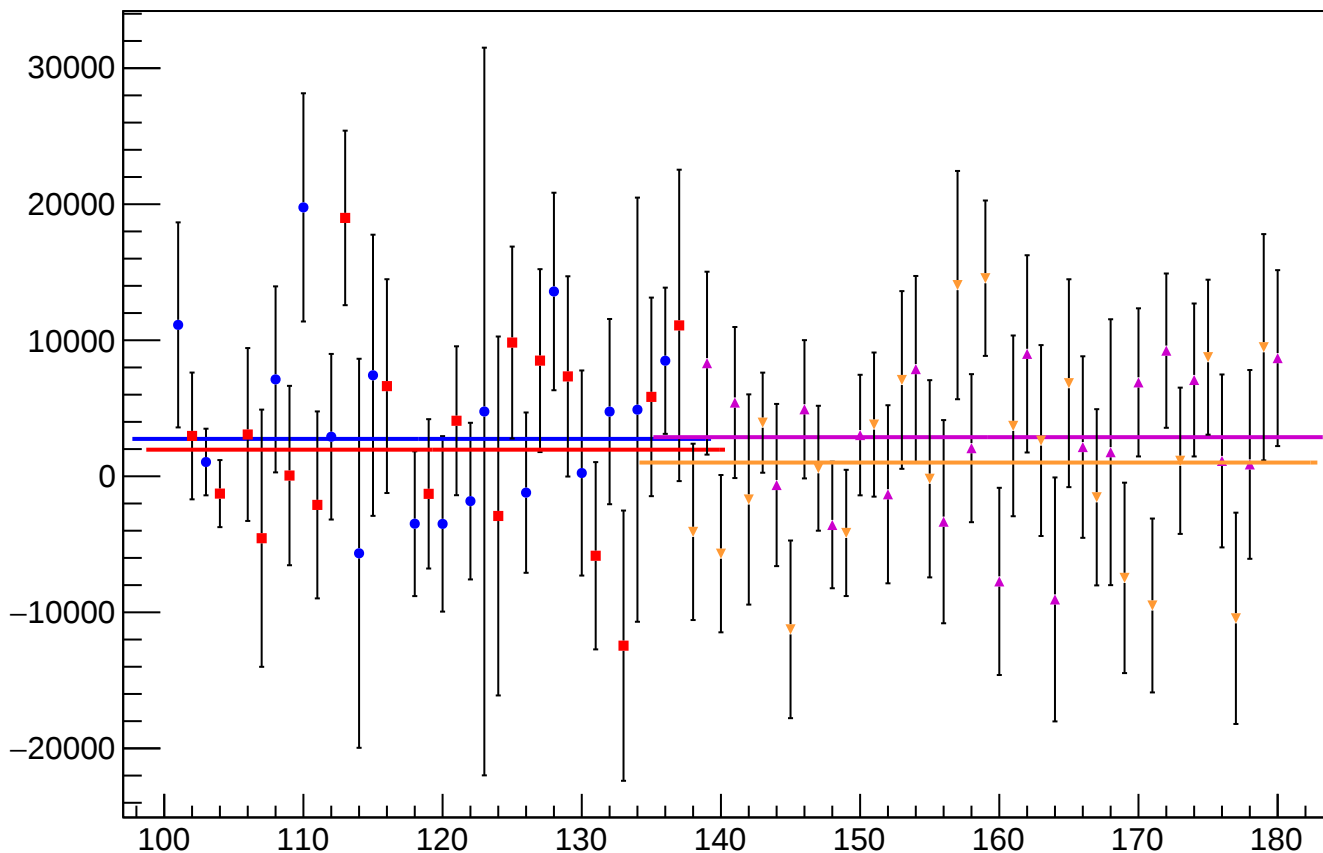
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3880.930+/-0.624 χ^2/NDF : 7597930.1/37

Out: 3563.897+/-0.578 χ^2/NDF : 9061917.4/39

All: 3710.426+/-0.424 χ^2/NDF : 16798886.2/78

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: 1010.060+/-1280.426 χ^2/NDF : 26.9/21

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

Left In: 2876.280+/-1328.776 χ^2/NDF : 13.2/20

Left: 1908.600+/-922.017 χ^2/NDF : 41.1/42

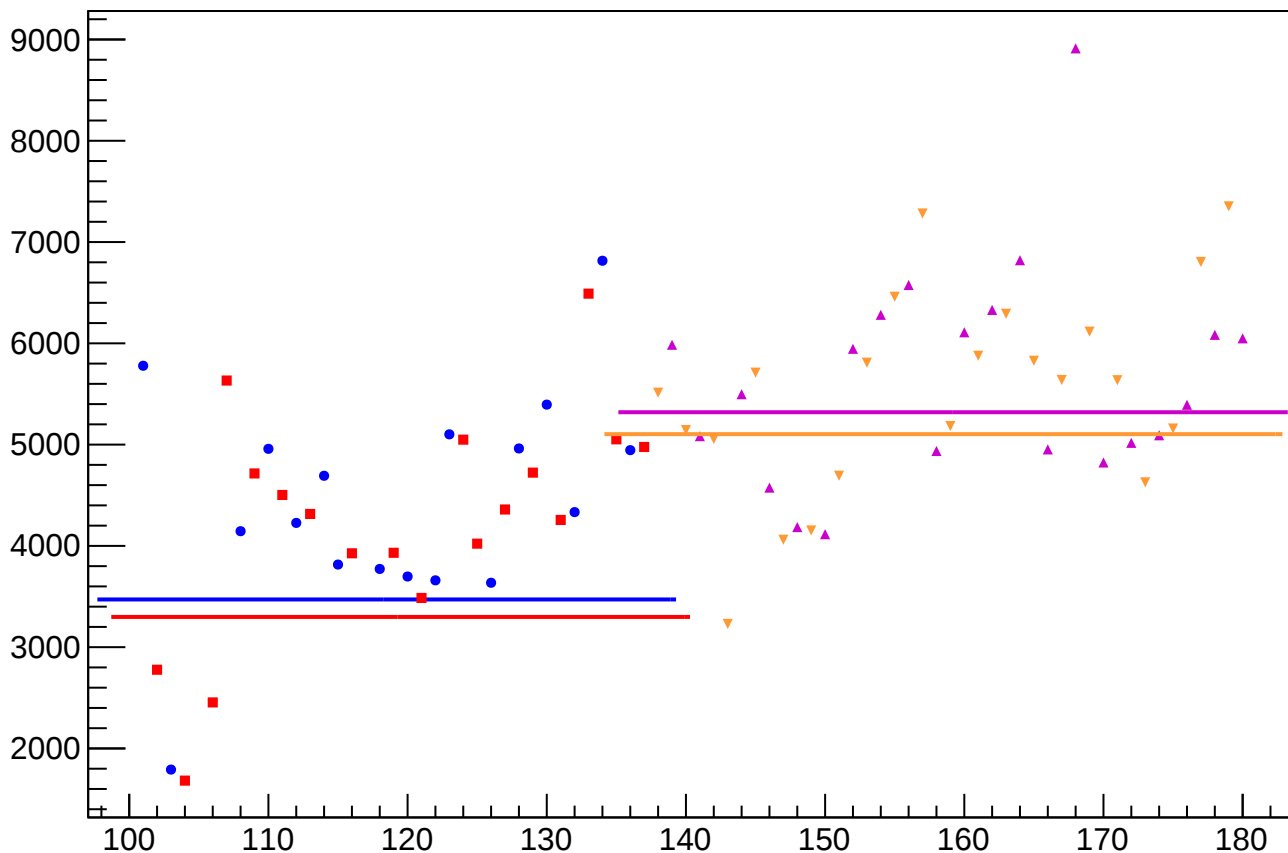
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2817.706+/-978.605 χ^2/NDF : 27.0/37

Out: 1446.176+/-939.978 χ^2/NDF : 44.9/39

All: 2104.339+/-677.909 χ^2/NDF : 72.9/77

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: 5103.308+/-0.905 χ^2/NDF : 1401903.2/21

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

Left In: 5319.808+/-0.940 χ^2/NDF : 931775.4/20

Left: 5207.548+/-0.652 χ^2/NDF : 2361208.9/42

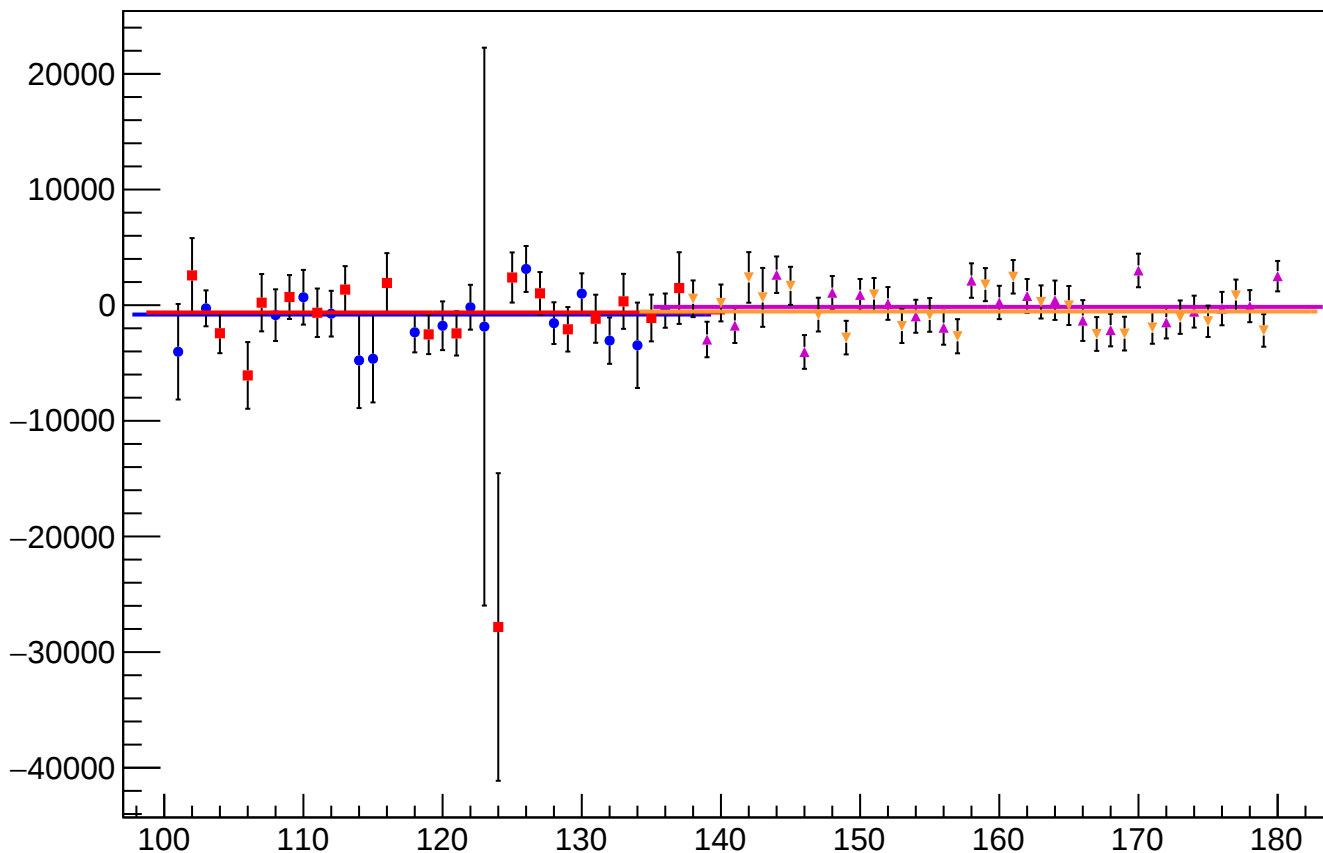
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4473.823+/-0.692 χ^2/NDF : 4471183.3/37

Out: 4262.954+/-0.662 χ^2/NDF : 5137946.7/39

All: 4363.697+/-0.478 χ^2/NDF : 9657628.9/77

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: -544.919+/-321.754 χ^2/NDF : 25.6/21

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

Left In: -147.884+/-318.559 χ^2/NDF : 33.1/20

Left: -344.420+/-226.376 χ^2/NDF : 59.5/42

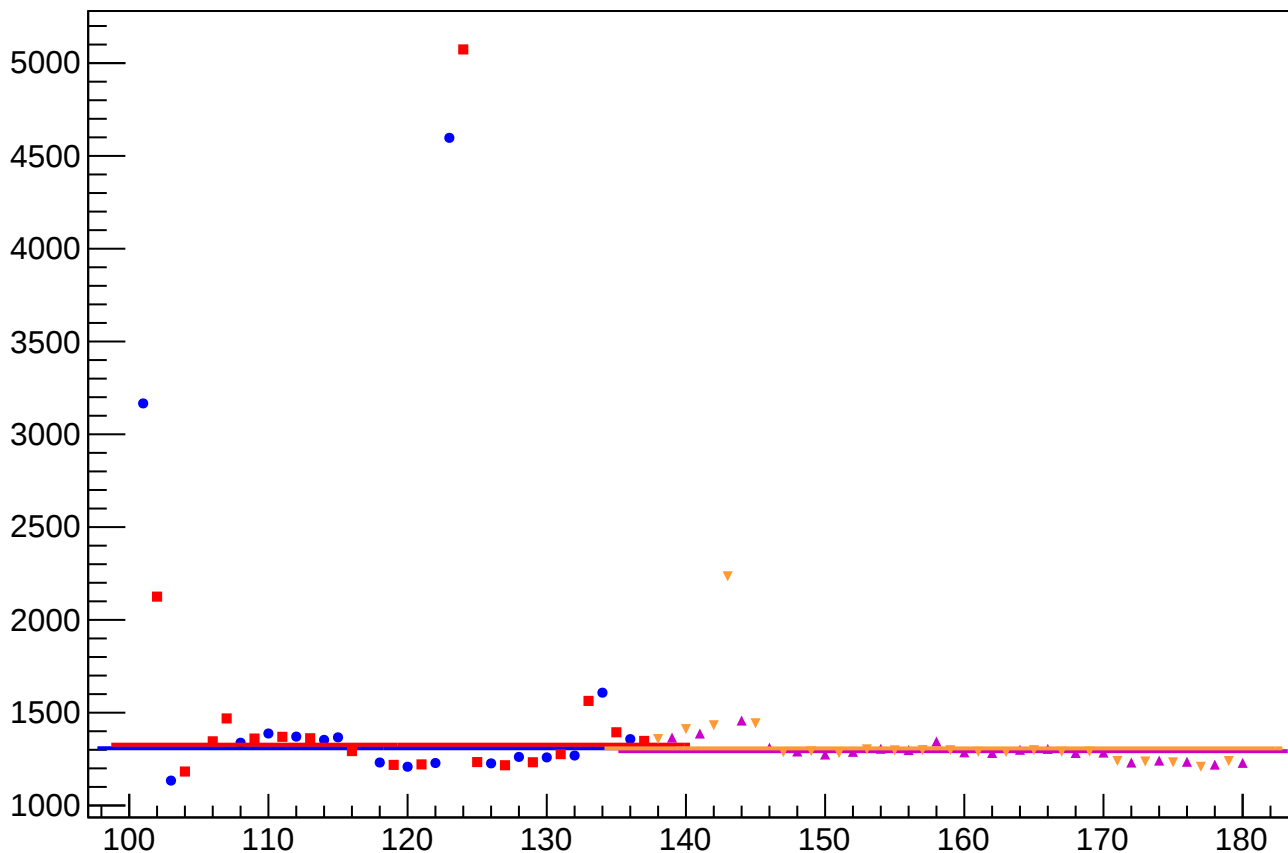
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -329.212+/-271.380 χ^2/NDF : 45.5/37

Out: -568.992+/-272.866 χ^2/NDF : 44.2/39

All: -448.448+/-192.418 χ^2/NDF : 90.1/77

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1307.557+/-0.228 χ^2/NDF : 328836.7/21

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

Left In: 1292.669+/-0.225 χ^2/NDF : 57758.5/20

Left: 1300.039+/-0.160 χ^2/NDF : 388757.5/42

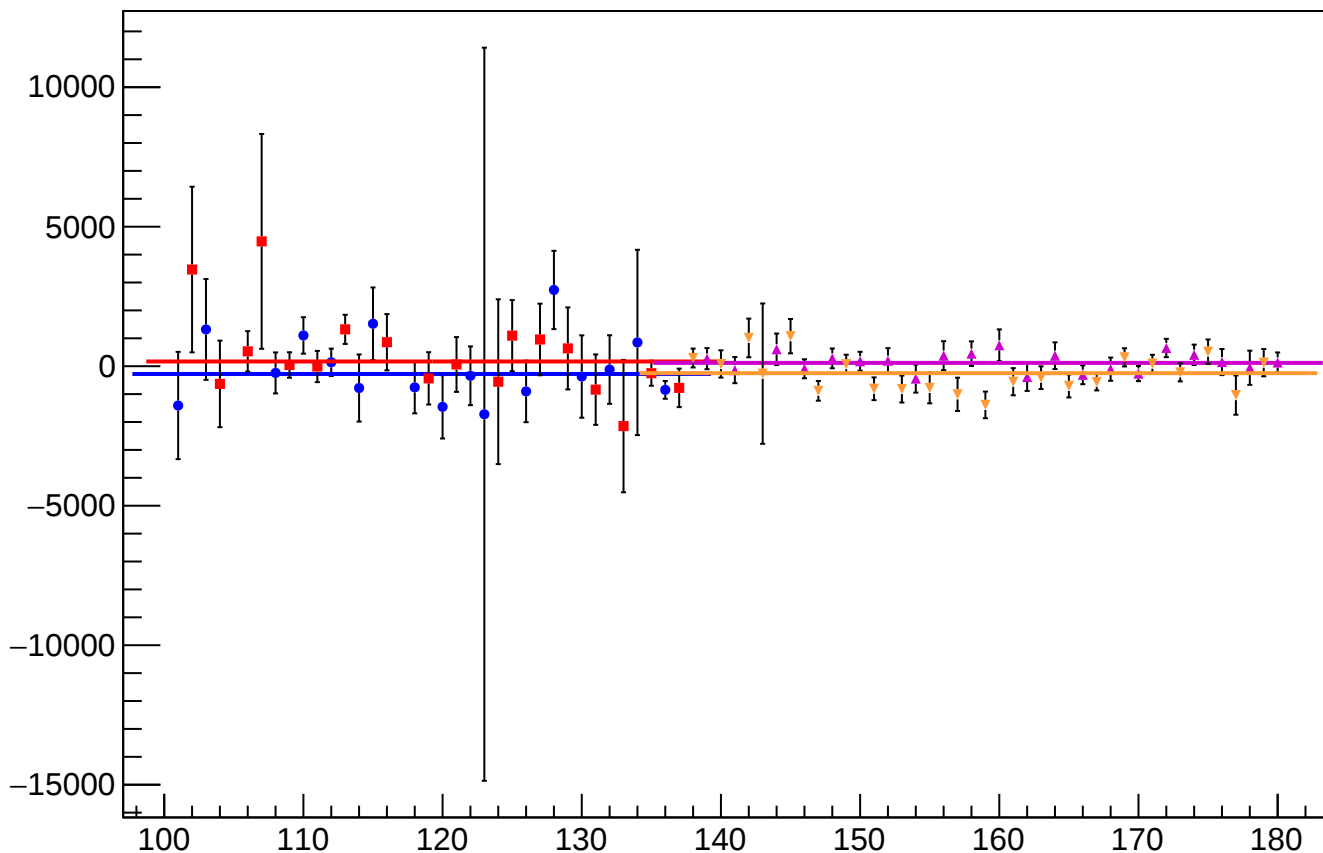
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1296.975+/-0.192 χ^2/NDF : 565635.4/37

Out: 1313.198+/-0.193 χ^2/NDF : 688356.7/39

All: 1305.042+/-0.136 χ^2/NDF : 1257546.5/77

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: -249.225+/-90.280 χ^2/NDF :38.6/21

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

Left In: 119.014+/-88.043 χ^2/NDF :13.7/20

Left: -60.486+/-63.032 χ^2/NDF : 60.8/42

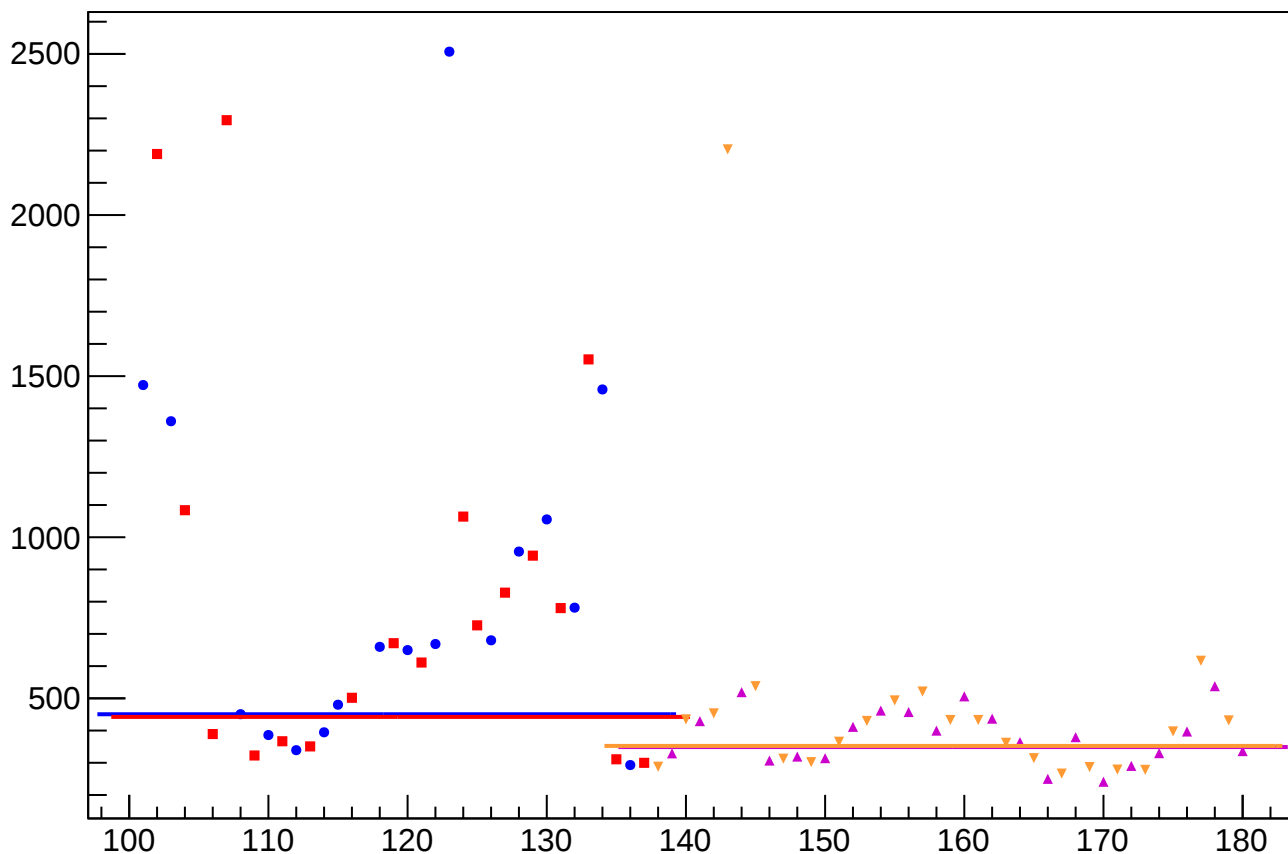
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 53.425+/-80.456 χ^2/NDF :35.1/37

Out: -173.704+/-81.736 χ^2/NDF :56.8/39

All: -58.347+/-57.338 χ^2/NDF : 95.8/77

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 352.341 $\pm$ 0.064 χ^2 /NDF: 2789988.6/21

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

Left In: 348.777 $\pm$ 0.062 χ^2 /NDF: 1561651.2/20

Left: 350.514 $\pm$ 0.045 χ^2 /NDF: 4353237.2/42

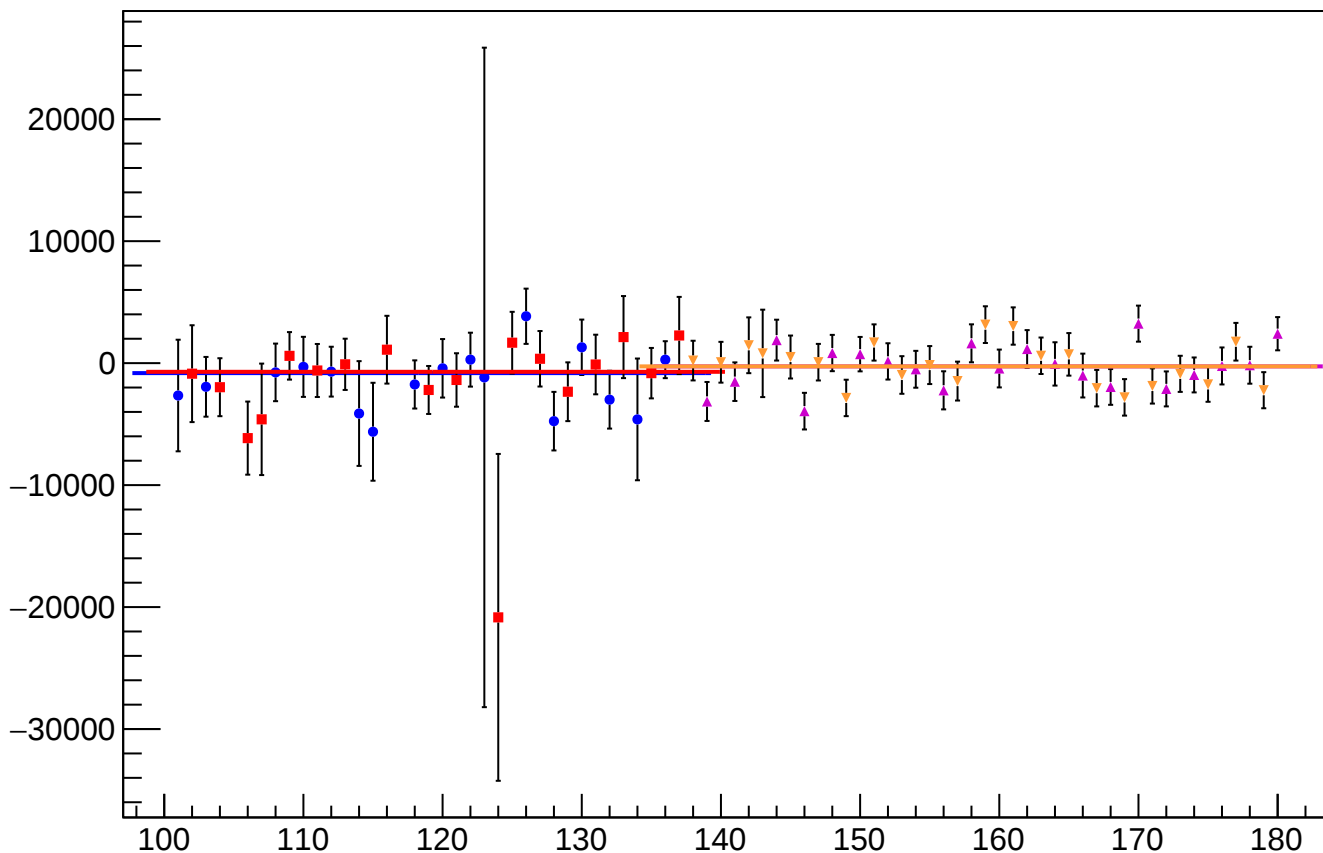
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 365.568 $\pm$ 0.057 χ^2 /NDF: 5000498.8/37

Out: 368.573 $\pm$ 0.058 χ^2 /NDF: 6516924.7/39

All: 367.047 $\pm$ 0.041 χ^2 /NDF: 11518797.2/77

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: -266.221+/-338.221 χ^2/NDF : 27.3/21

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

Left In: -265.948+/-332.857 χ^2/NDF : 29.5/20

Left: -266.082+/-237.239 χ^2/NDF : 56.8/42

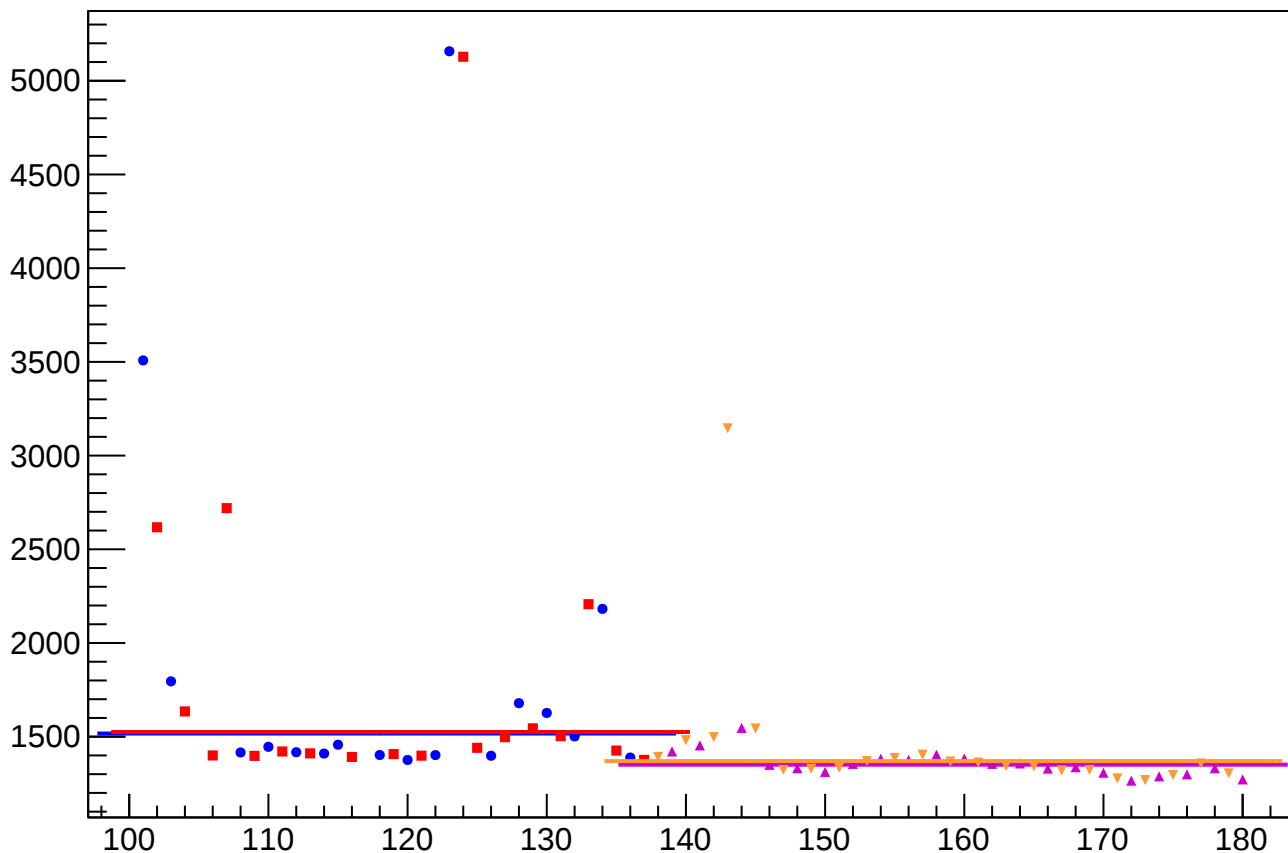
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -395.276+/-291.198 χ^2/NDF : 42.8/37

Out: -374.455+/-294.165 χ^2/NDF : 39.2/39

All: -384.971+/-206.949 χ^2/NDF : 82.0/77

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: 1369.814+/-0.239 χ^2/NDF : 564470.1/21

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

Left In: 1350.649+/-0.235 χ^2/NDF : 68623.2/20

Left: 1360.078+/-0.168 χ^2/NDF : 636355.6/42

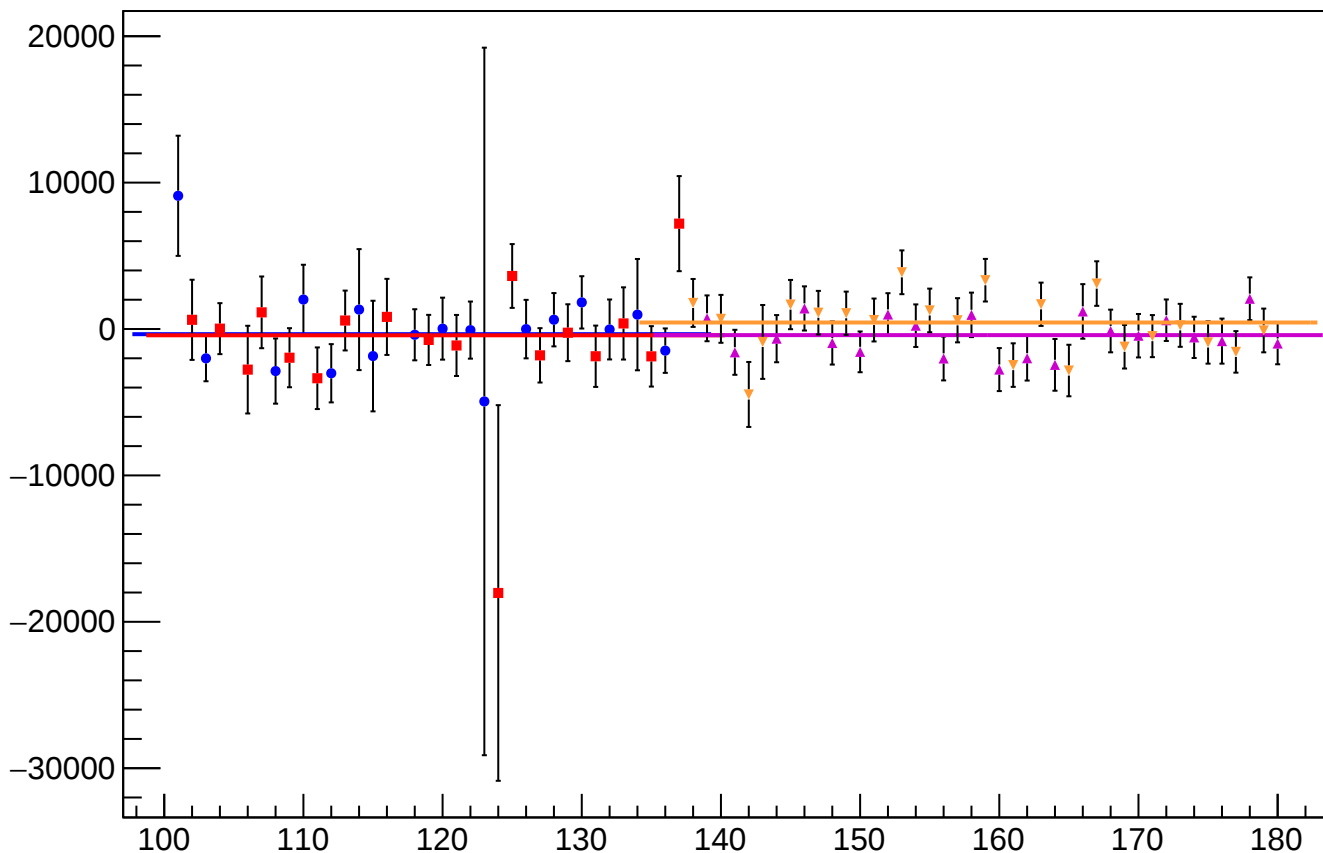
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1389.667+/-0.206 χ^2/NDF : 726785.8/37

Out: 1407.635+/-0.208 χ^2/NDF : 1239079.1/39

All: 1398.560+/-0.146 χ^2/NDF : 1969633.4/77

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -353.131+/-523.324 χ^2 /NDF: 13.4/16

Left Out: 444.187+/-330.932 χ^2 /NDF:32.1/21

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

Left In: -417.497+/-328.370 χ^2 /NDF:15.9/20

Left: 9.996+/-233.093 χ^2 /NDF: 51.4/42

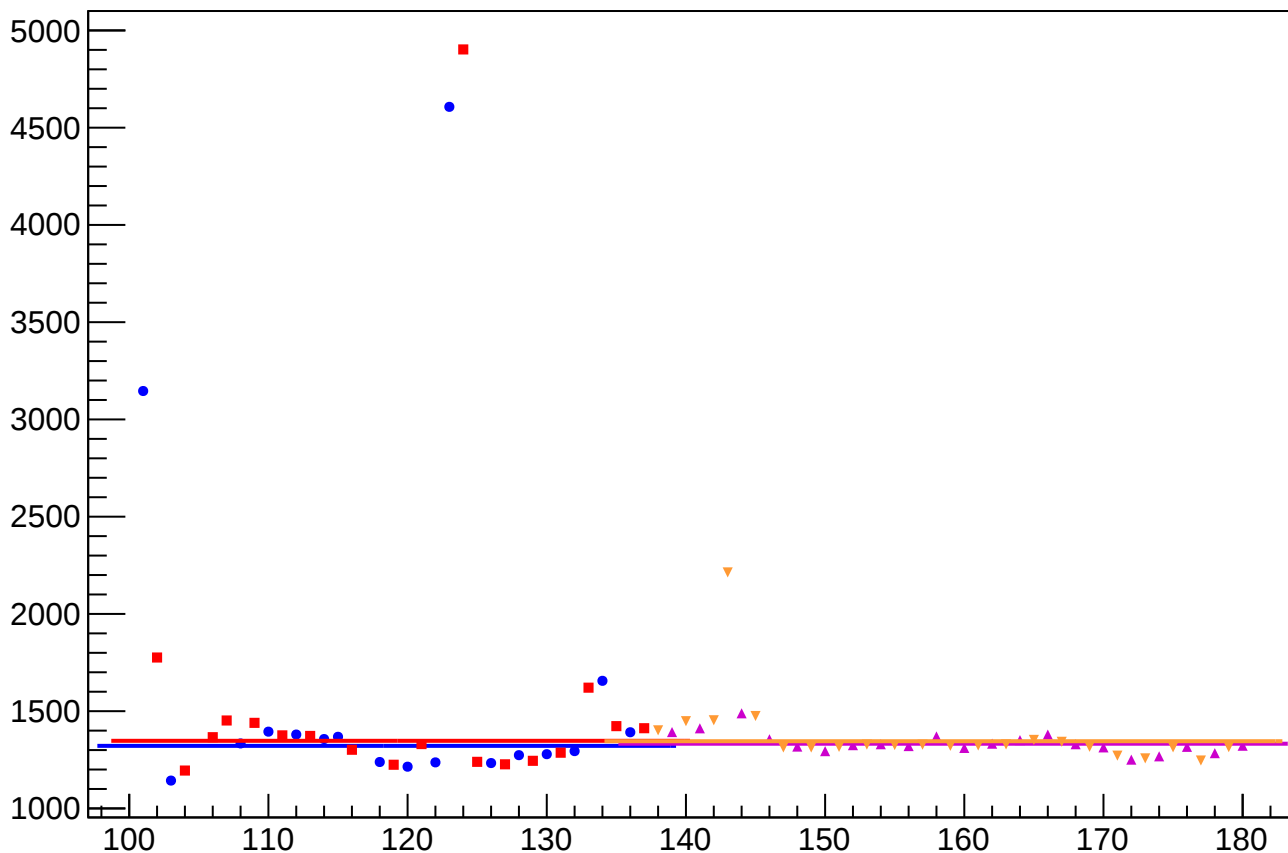
Right: -391.220+/-369.698 χ^2 /NDF: 30.3/34

In: -399.314+/-278.148 χ^2 /NDF:29.3/37

Out: 194.038+/-279.550 χ^2 /NDF:50.9/39

All: -104.129+/-197.174 χ^2 /NDF: 82.5/77

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: 1345.536 $\pm$ 0.234 χ^2 /NDF: 293059.2/21

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

Left In: 1332.673 $\pm$ 0.232 χ^2 /NDF: 46342.6/20

Left: 1339.054 $\pm$ 0.165 χ^2 /NDF: 340924.3/42

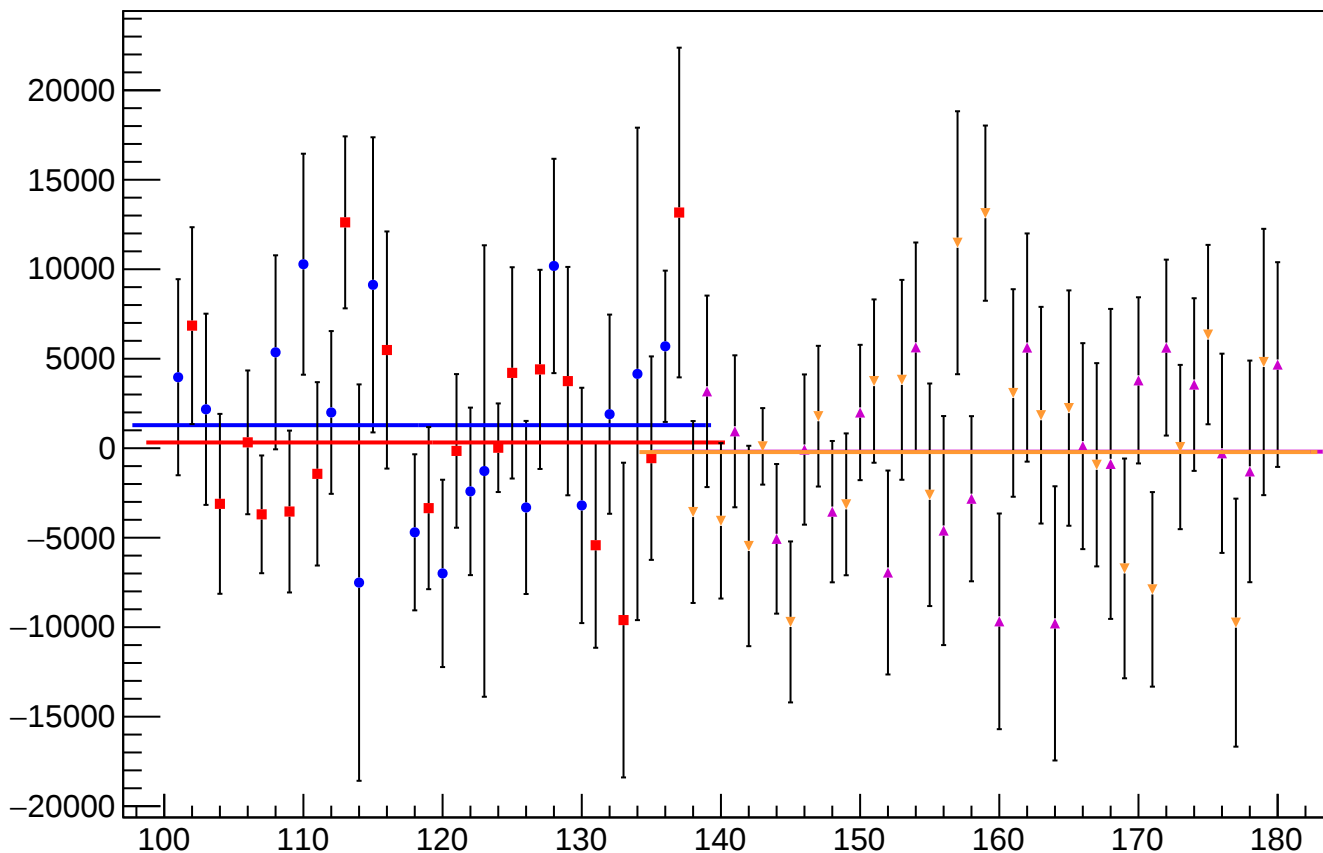
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1329.574 $\pm$ 0.197 χ^2 /NDF: 549218.9/37

Out: 1346.141 $\pm$ 0.198 χ^2 /NDF: 579383.6/39

All: 1337.817 $\pm$ 0.139 χ^2 /NDF: 1132132.9/77

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: -215.535+/-1007.968 χ^2/NDF : 26.6/21

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

Left In: -192.496+/-1116.423 χ^2/NDF : 14.5/20

Left: -205.189+/-748.154 χ^2/NDF : 41.0/42

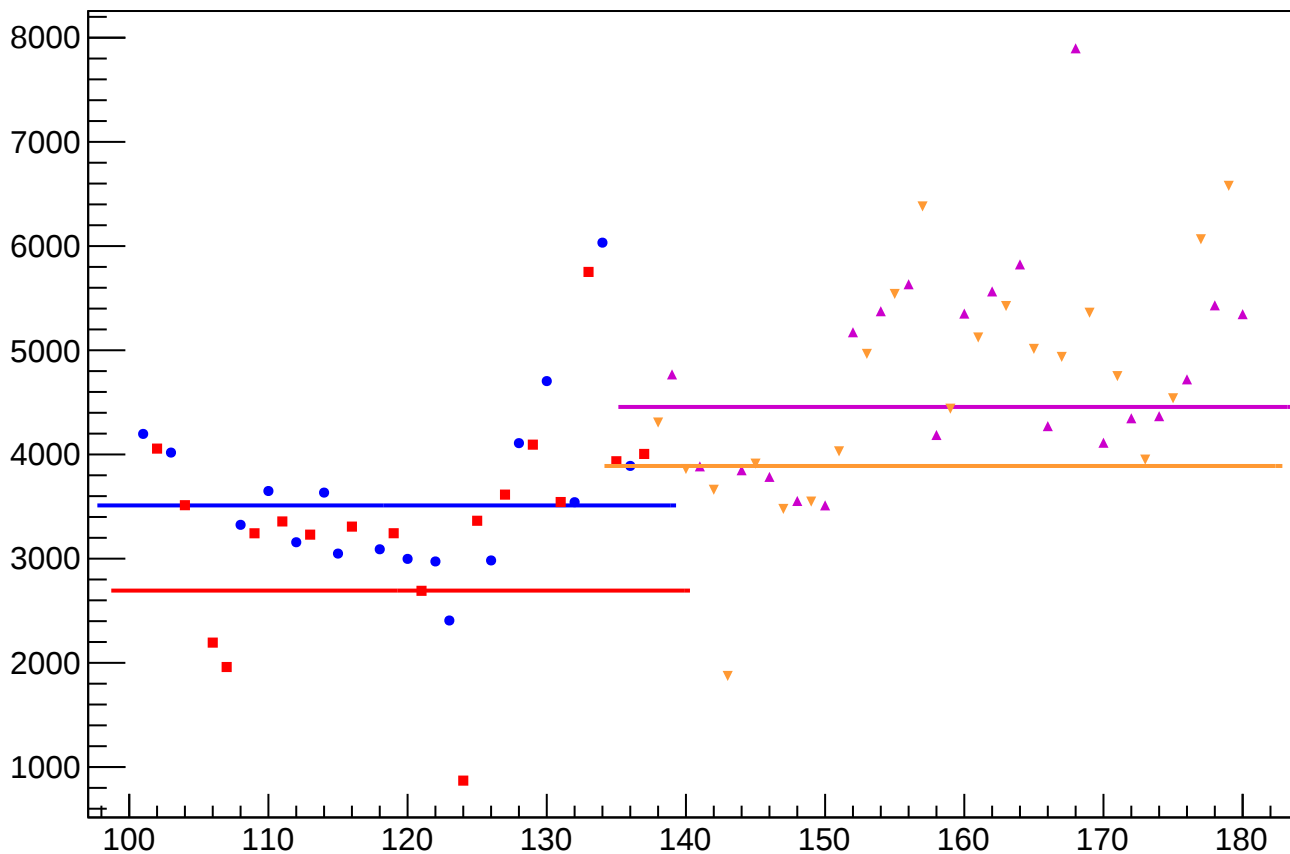
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 395.093+/-866.921 χ^2/NDF : 29.4/37

Out: 28.236+/-744.864 χ^2/NDF : 44.2/39

All: 184.042+/-564.966 χ^2/NDF : 73.8/77

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3889.465 $\pm$ 0.713 χ^2 /NDF:3306410.0/21

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

Left In: 4456.116 $\pm$ 0.789 χ^2 /NDF:1122641.7/20

Left: 4143.937 $\pm$ 0.529 χ^2 /NDF: 4712903.1/42

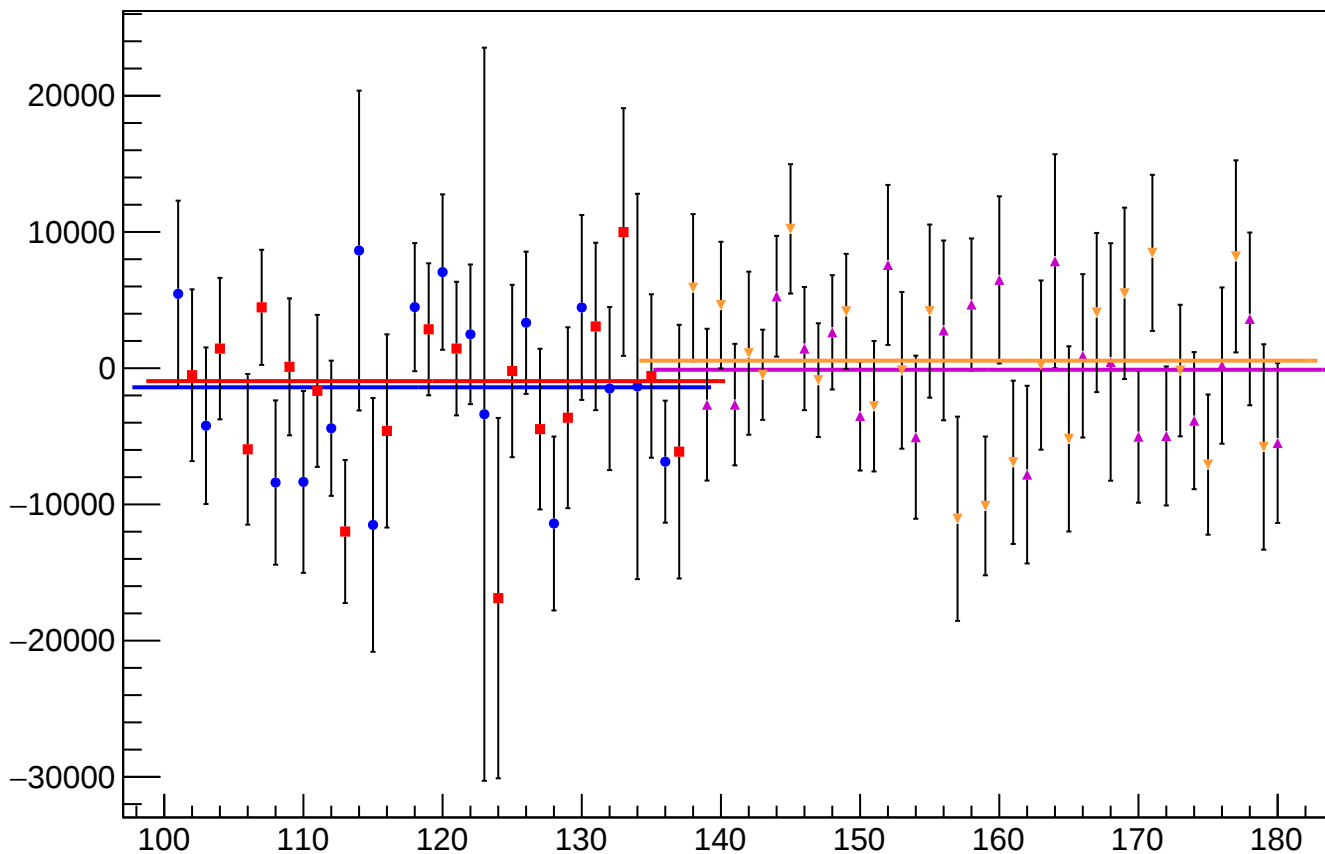
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4080.804 $\pm$ 0.613 χ^2 /NDF:2035997.2/37

Out: 3346.601 $\pm$ 0.527 χ^2 /NDF:6710295.4/39

All: 3658.420 $\pm$ 0.399 χ^2 /NDF: 9571560.4/77

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 553.124+/-1124.286 χ^2/NDF : 23.7/21

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

Left In: -113.600+/-1165.804 χ^2/NDF : 14.1/20

Left: 231.845+/-809.270 χ^2/NDF : 38.1/42

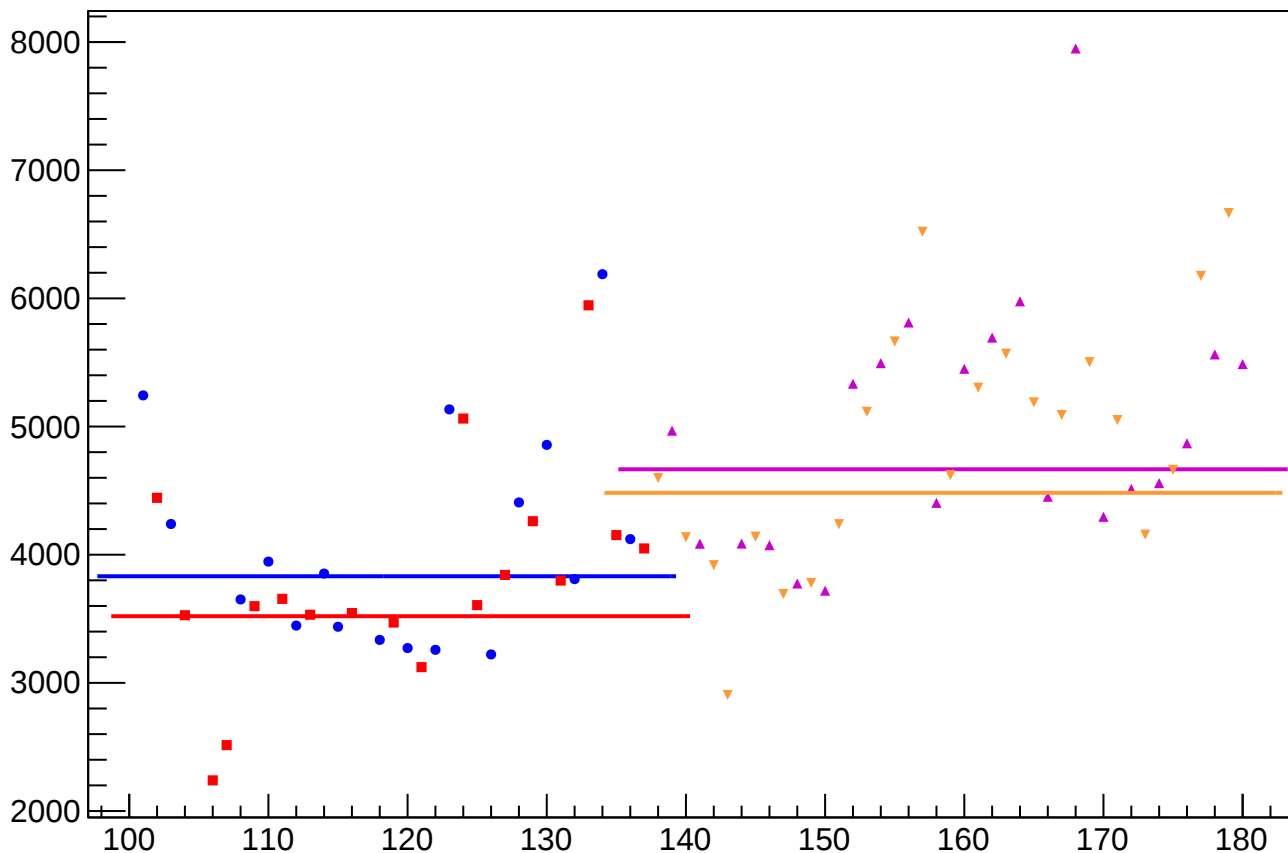
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -596.900+/-921.443 χ^2/NDF : 30.4/37

Out: -44.312+/-872.316 χ^2/NDF : 36.9/39

All: -305.483+/-633.476 χ^2/NDF : 67.5/77

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: 4482.749+/-0.795 χ^2/NDF : 1377008.8/21

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

Left In: 4666.443+/-0.824 χ^2/NDF : 961017.6/20

Left: 4571.267+/-0.572 χ^2/NDF : 2363754.1/42

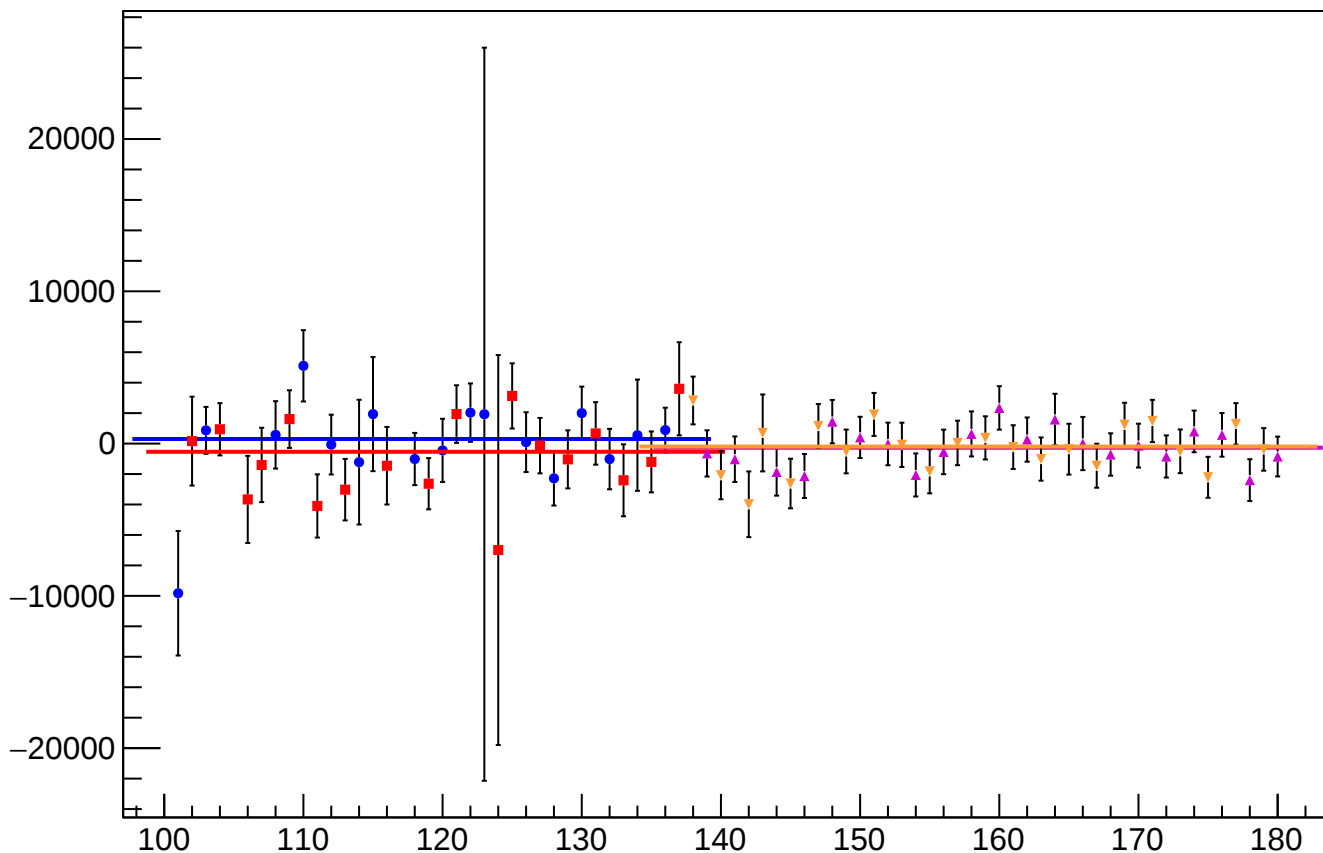
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4353.215+/-0.652 χ^2/NDF : 1683432.2/37

Out: 4095.405+/-0.615 χ^2/NDF : 2511084.7/39

All: 4216.784+/-0.447 χ^2/NDF : 4277371.7/77

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 512.834 χ^2 /NDF: 16.1/16

Left Out: -194.536 $\pm$ 318.631 χ^2 /NDF:22.3/21

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

Left In: -270.217 $\pm$ 315.455 χ^2 /NDF:15.3/20

Left: -232.756 $\pm$ 224.175 χ^2 /NDF: 37.6/42

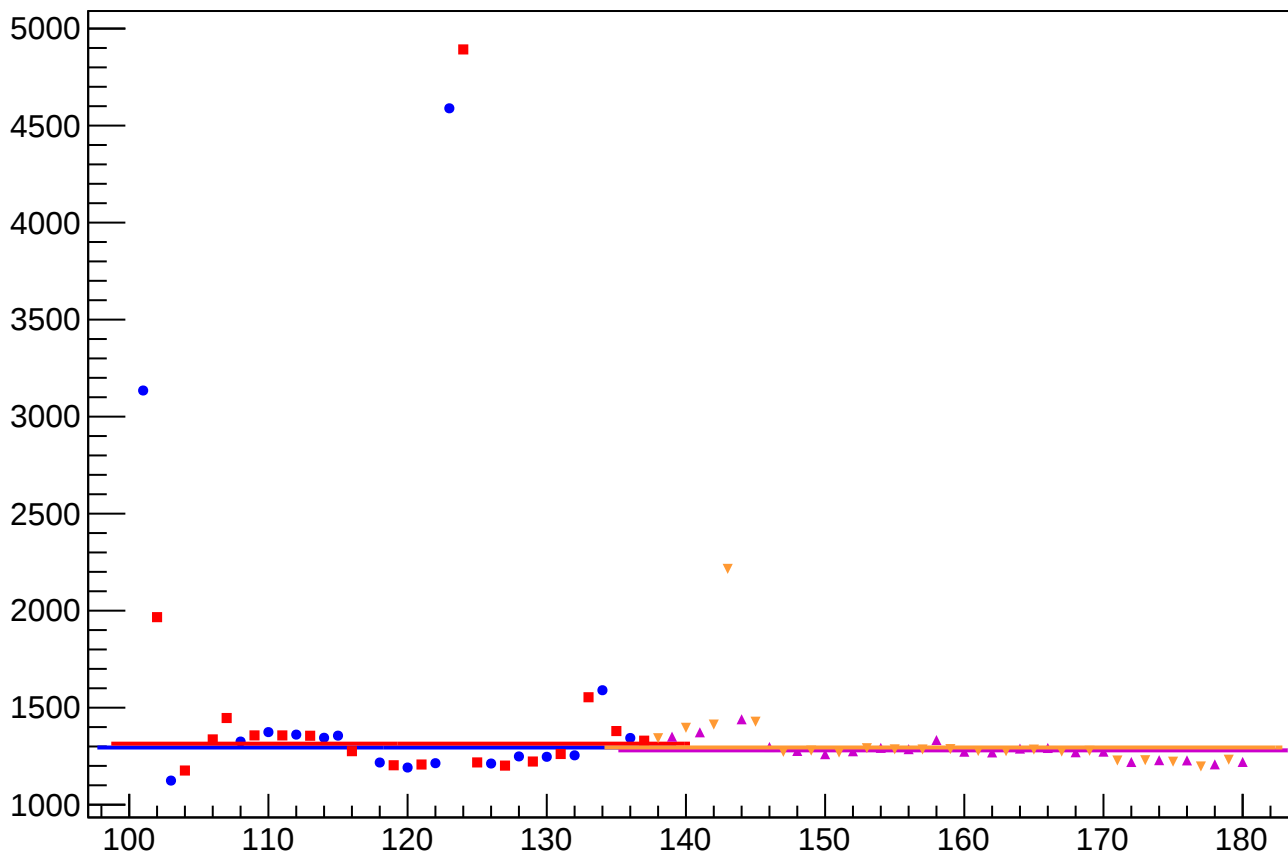
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -113.149 $\pm$ 268.691 χ^2 /NDF:32.3/37

Out: -291.245 $\pm$ 270.030 χ^2 /NDF:40.1/39

All: -201.754 $\pm$ 190.465 χ^2 /NDF: 72.6/77

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1294.832+/-0.225 χ^2/NDF : 327384.5/21

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

Left In: 1280.064+/-0.223 χ^2/NDF : 55942.4/20

Left: 1287.374+/-0.159 χ^2/NDF : 385496.6/42

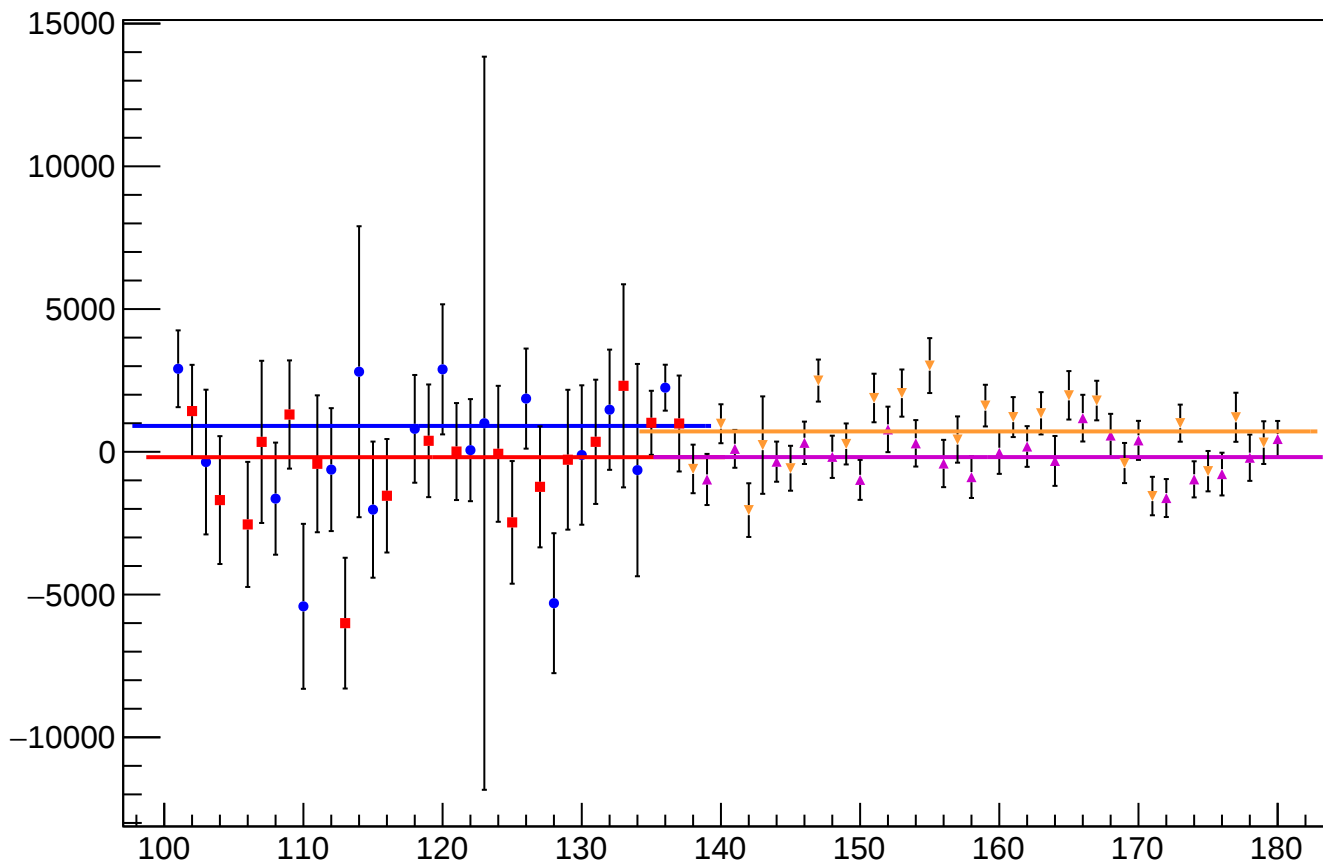
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1284.090+/-0.190 χ^2/NDF : 564932.9/37

Out: 1300.399+/-0.191 χ^2/NDF : 663389.8/39

All: 1292.204+/-0.135 χ^2/NDF : 1231988.9/77

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: 714.483 $\pm$ 164.847 χ^2 /NDF:56.4/21

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

Left In: -184.847 $\pm$ 160.784 χ^2 /NDF:18.2/20

Left: 253.598 $\pm$ 115.101 χ^2 /NDF: 89.9/42

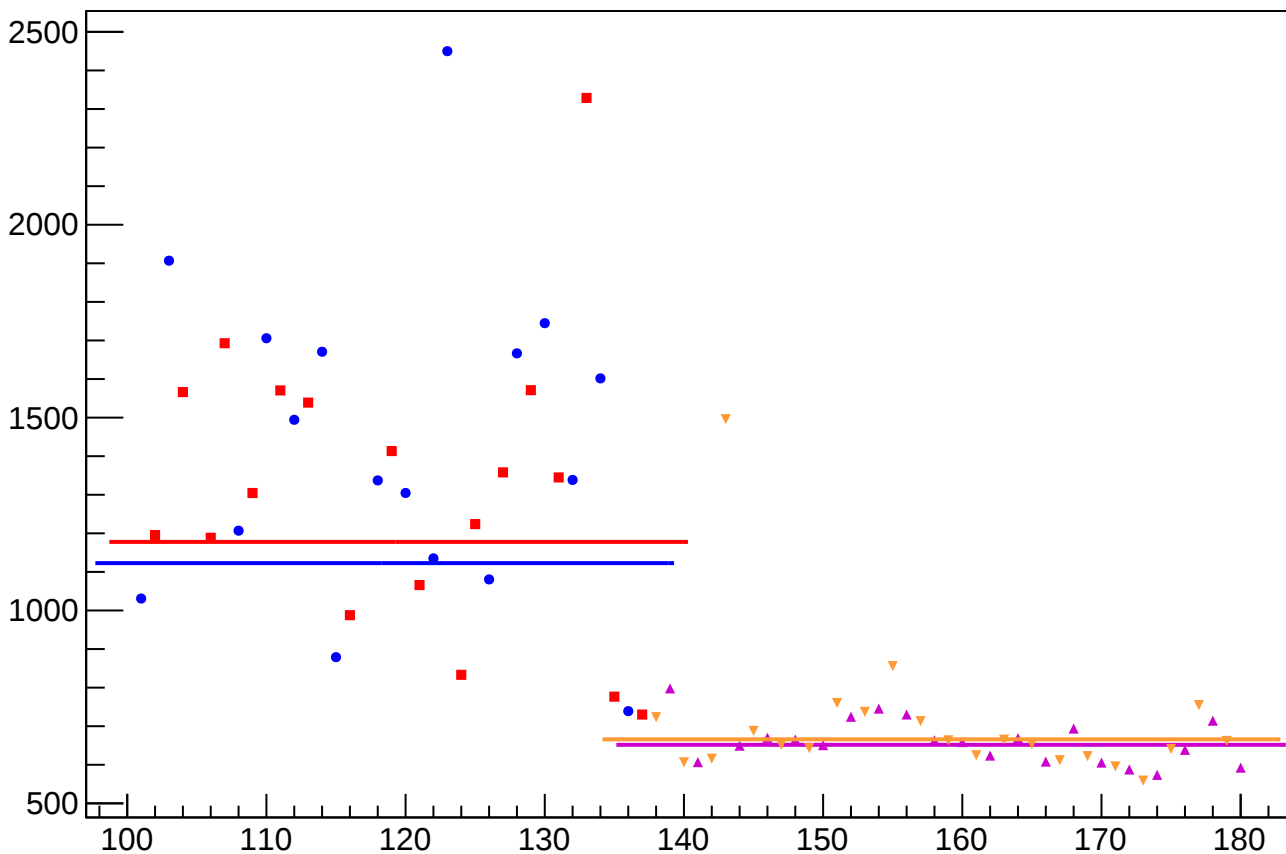
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -64.073 $\pm$ 151.628 χ^2 /NDF:45.3/37

Out: 613.527 $\pm$ 155.355 χ^2 /NDF:73.6/39

All: 266.501 $\pm$ 108.511 χ^2 /NDF: 128.7/77

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: 665.984 $\pm$ 0.117 χ^2/NDF : 758569.7/21

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 651.771 $\pm$ 0.114 χ^2/NDF : 229965.1/20

Left: 658.700 $\pm$ 0.081 χ^2/NDF : 996153.9/42

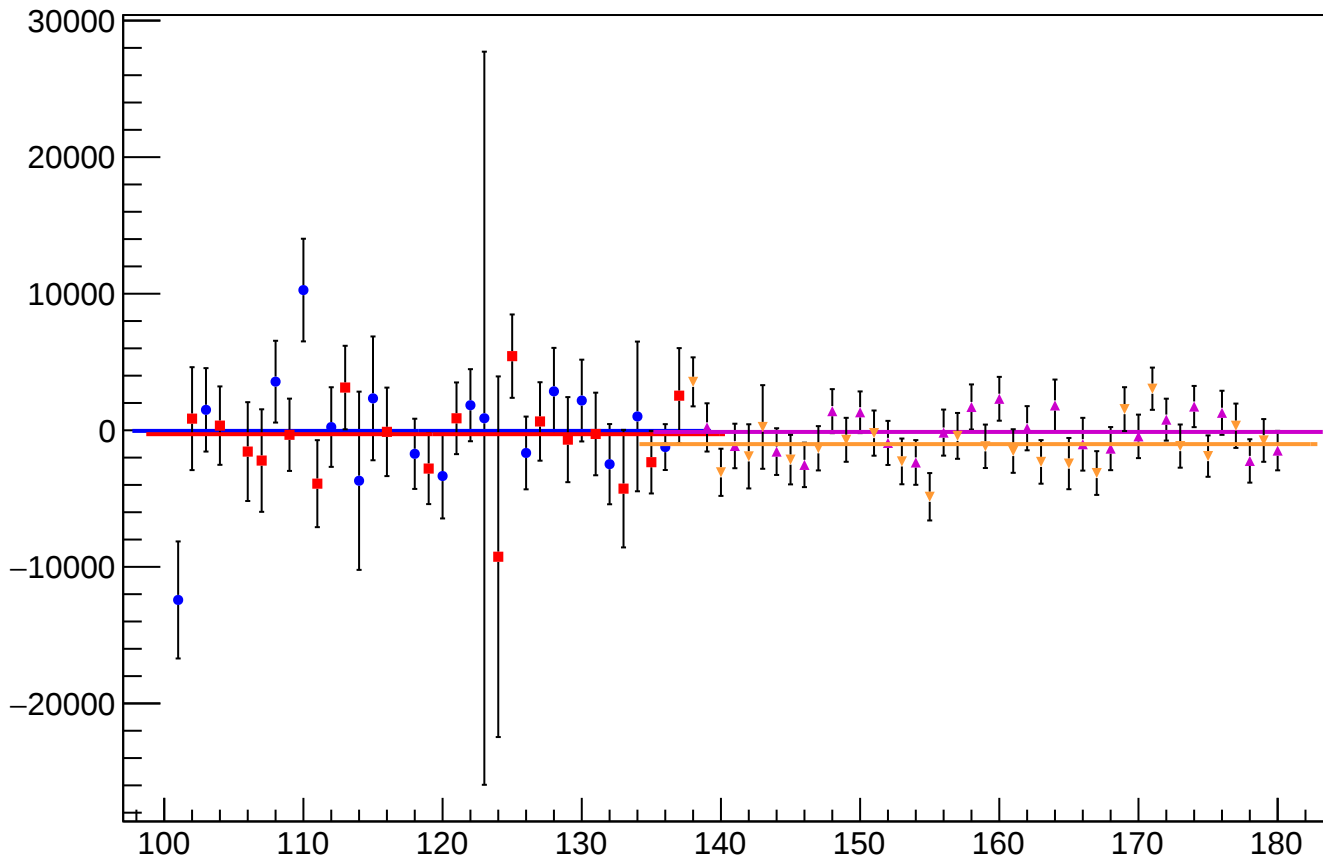
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 703.886 $\pm$ 0.107 χ^2/NDF : 3316964.0/37

Out: 723.227 $\pm$ 0.110 χ^2/NDF : 3936545.9/39

All: 713.322 $\pm$ 0.077 χ^2/NDF : 7269386.3/77

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1012.458 ± 360.478 χ^2/NDF : 28.1/21

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

Left In: -120.689 ± 354.868 χ^2/NDF : 18.0/20

Left: -559.581 ± 252.890 χ^2/NDF : 49.2/42

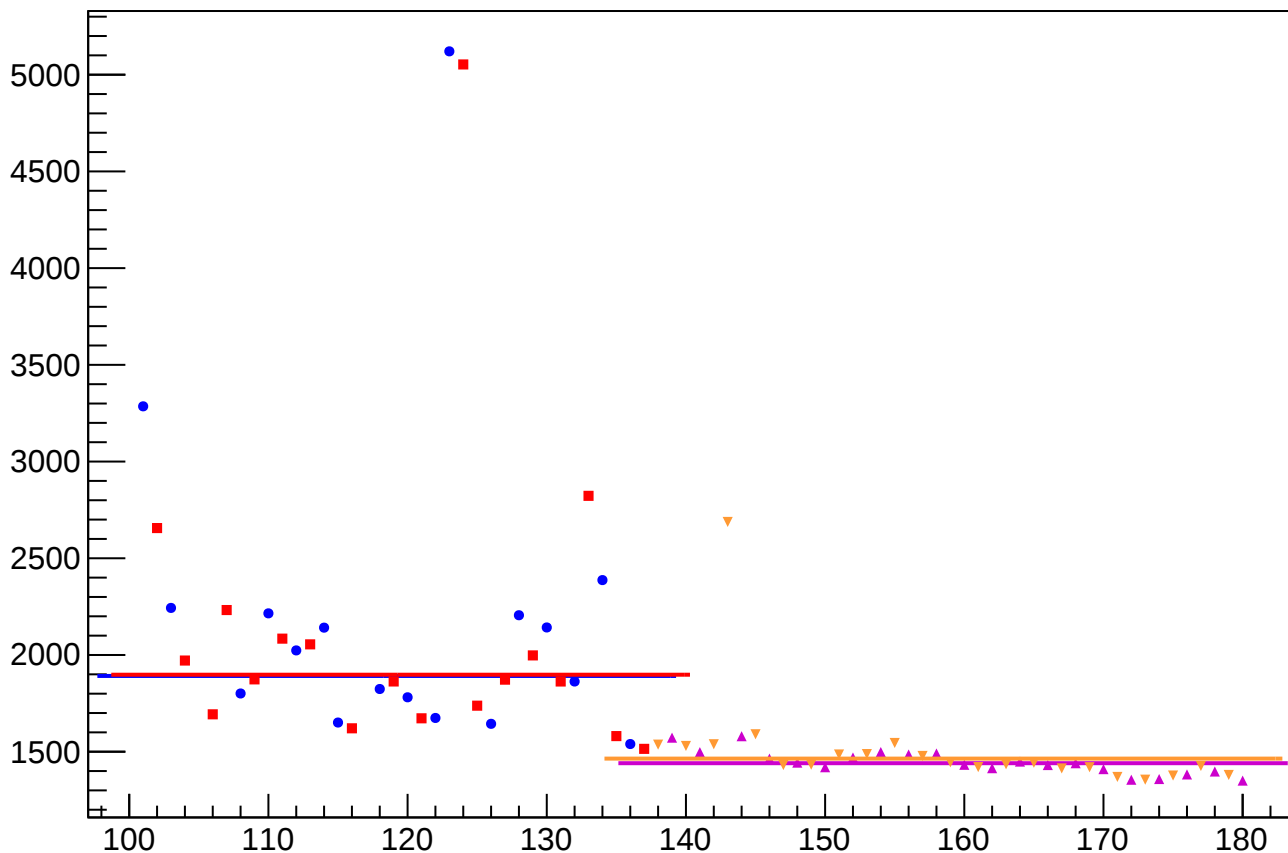
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -106.654 ± 320.584 χ^2/NDF : 41.2/37

Out: -871.598 ± 323.682 χ^2/NDF : 39.5/39

All: -485.448 ± 227.775 χ^2/NDF : 83.5/77

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: 1464.313 $\pm$ 0.255 χ^2 /NDF: 380629.1/21

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1440.569 $\pm$ 0.251 χ^2 /NDF: 59459.4/20

Left: 1452.254 $\pm$ 0.179 χ^2 /NDF: 444495.1/42

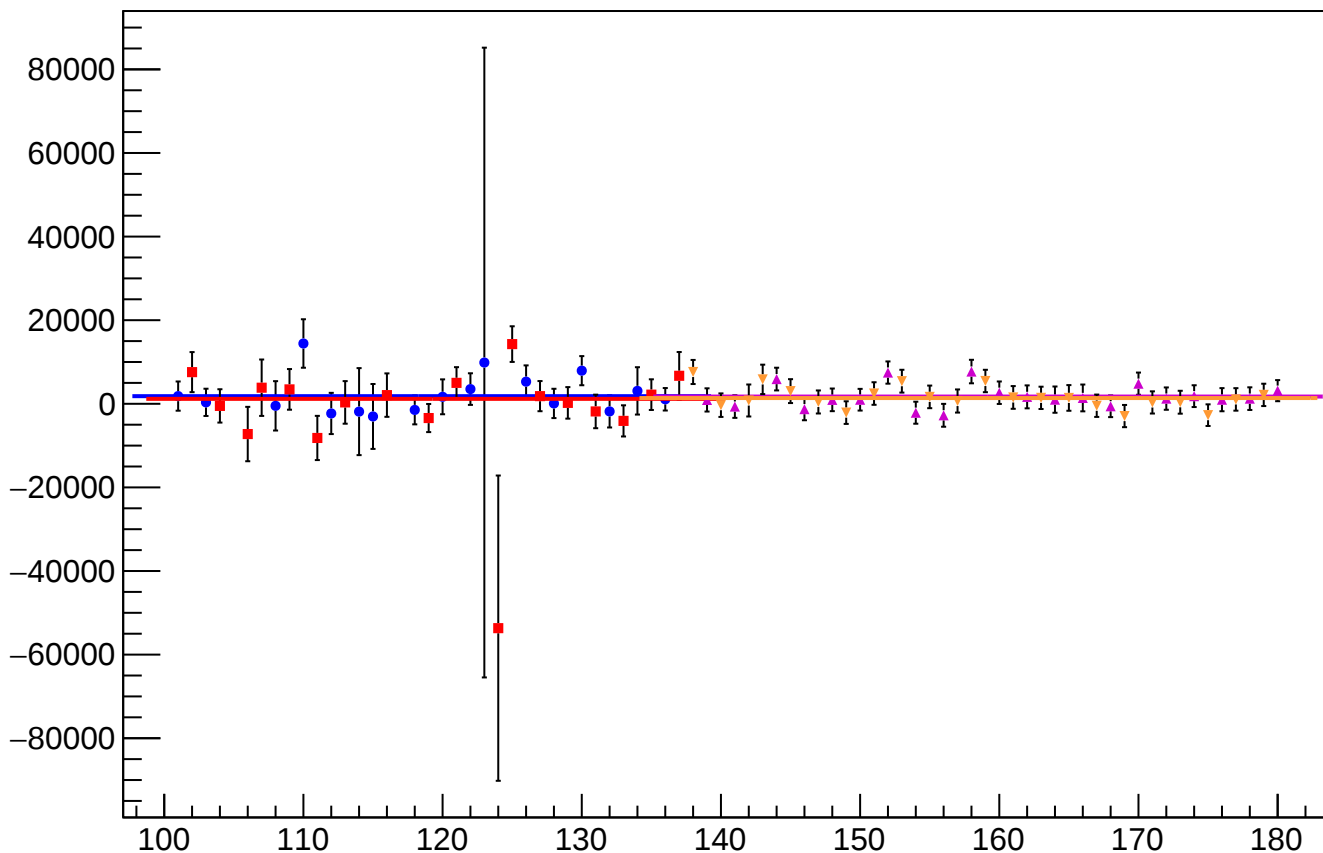
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1523.522 $\pm$ 0.227 χ^2 /NDF: 1122842.7/37

Out: 1548.336 $\pm$ 0.229 χ^2 /NDF: 1365186.8/39

All: 1535.810 $\pm$ 0.161 χ^2 /NDF: 2493962.8/77

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1373.482 $\pm$ 594.253 χ^2 /NDF:19.5/21

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1735.425 $\pm$ 592.852 χ^2 /NDF:21.5/20

Left: 1554.881 $\pm$ 419.704 χ^2 /NDF: 41.2/42

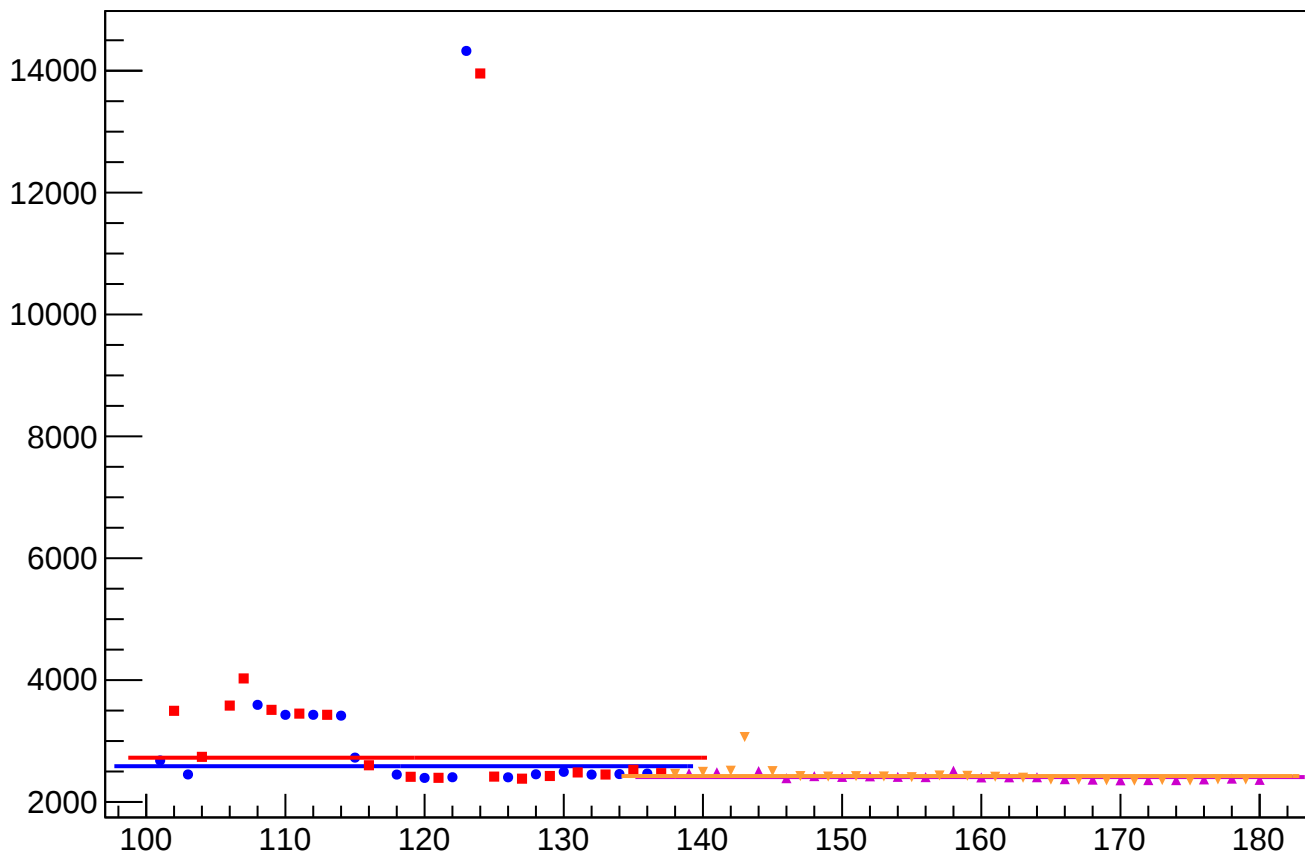
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1758.384 $\pm$ 511.301 χ^2 /NDF:34.1/37

Out: 1327.218 $\pm$ 517.162 χ^2 /NDF:45.0/39

All: 1545.258 $\pm$ 363.599 χ^2 /NDF: 79.4/77

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2425.588+/-0.420 χ^2/NDF : 80078.4/21

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2408.483+/-0.419 χ^2/NDF : 12537.7/20

Left: 2417.015+/-0.297 χ^2/NDF : 93446.5/42

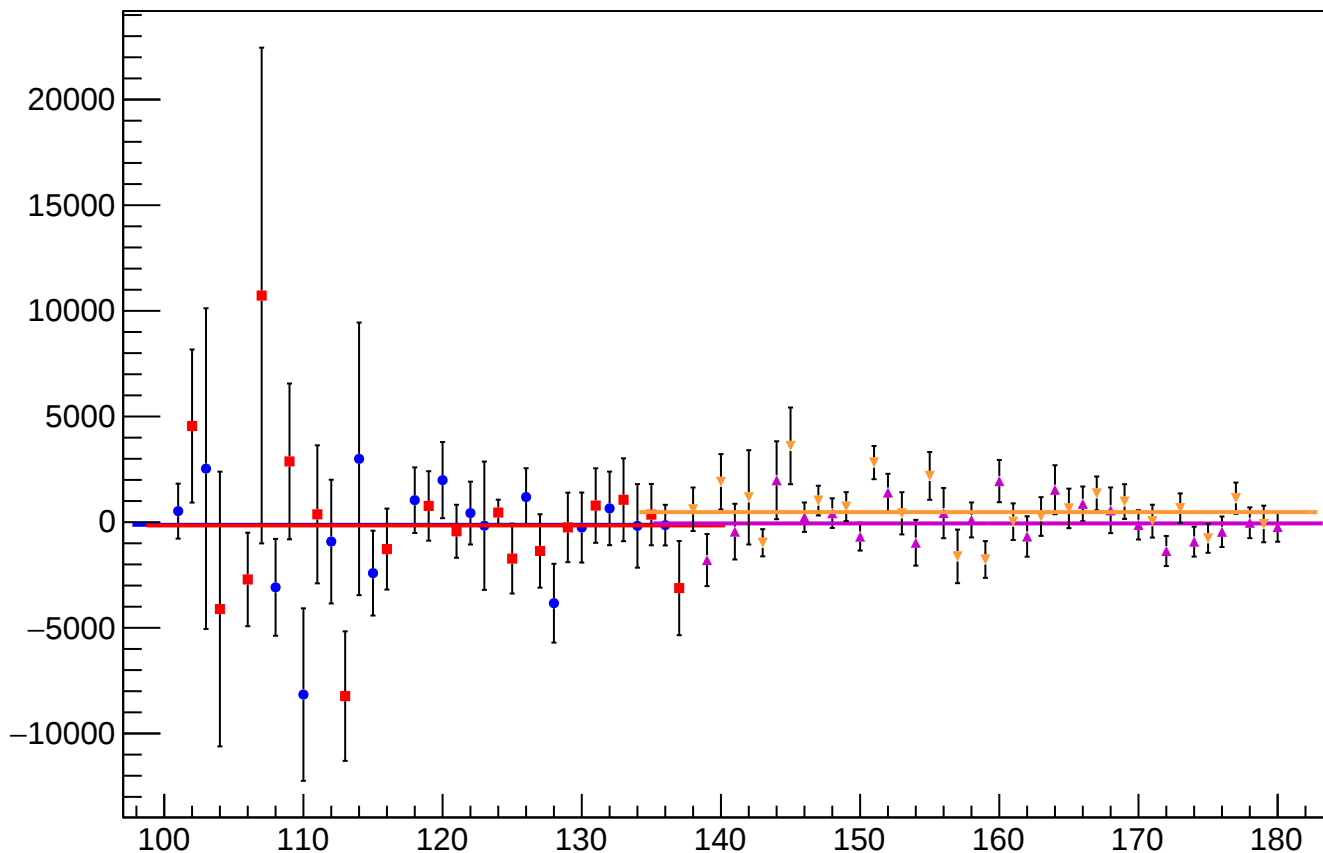
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2454.212+/-0.362 χ^2/NDF : 313097.1/37

Out: 2498.586+/-0.366 χ^2/NDF : 785316.9/39

All: 2476.146+/-0.257 χ^2/NDF : 1105860.1/77

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 476.197+/-183.546 χ^2/NDF : 37.5/21

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -59.015+/-184.783 χ^2/NDF : 21.6/20

Left: 210.388+/-130.222 χ^2/NDF : 63.3/42

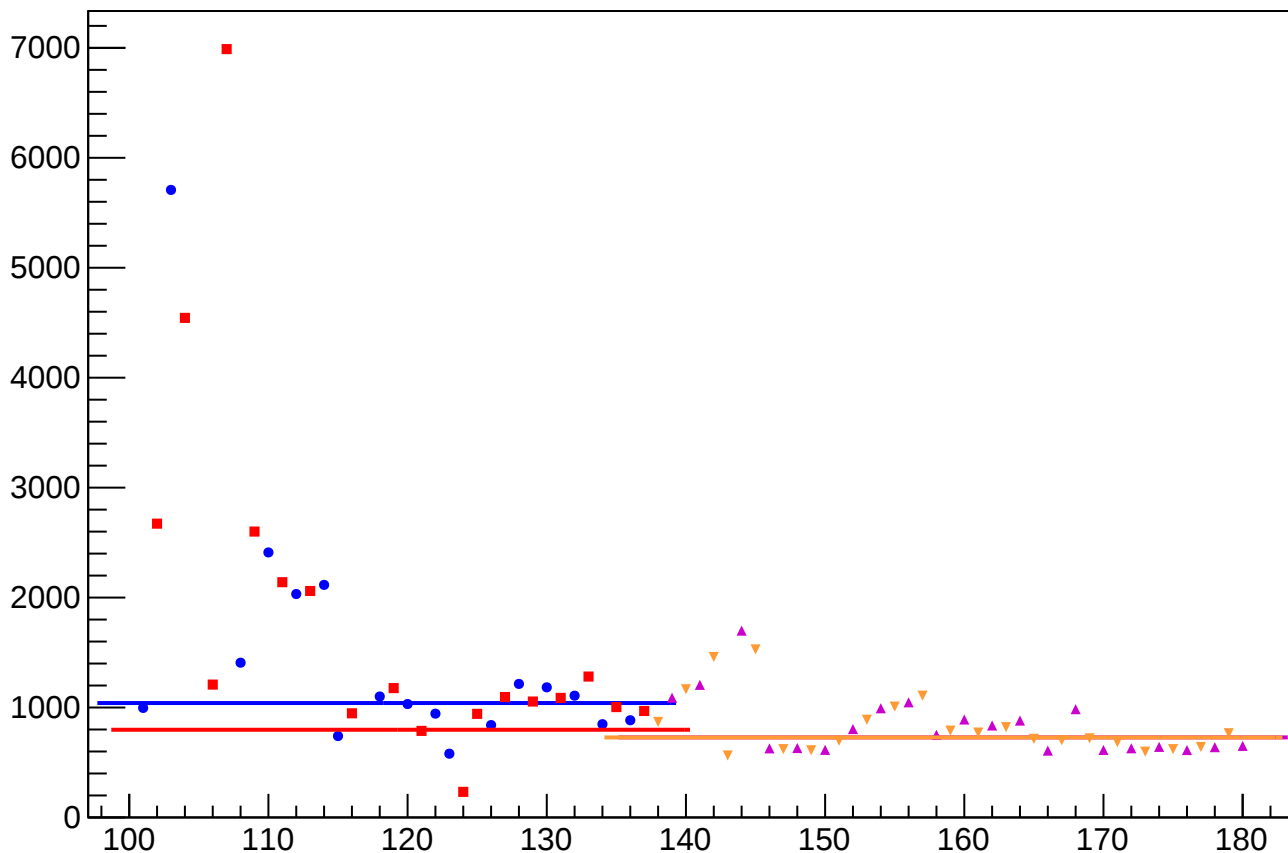
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -69.188+/-169.818 χ^2/NDF : 36.3/37

Out: 357.341+/-165.352 χ^2/NDF : 57.3/39

All: 149.759+/-118.469 χ^2/NDF : 96.9/77

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 $\chi^2/\text{NDF}: 1573034.8/16$

Left Out: 727.704 ± 0.130 $\chi^2/\text{NDF}: 1650312.9/21$

Right Out: 797.732 ± 0.269 $\chi^2/\text{NDF}: 5174332.0/17$

Left In: 728.344 ± 0.131 $\chi^2/\text{NDF}: 1903945.1/20$

Left: 728.022 ± 0.092 $\chi^2/\text{NDF}: 3554270.0/42$

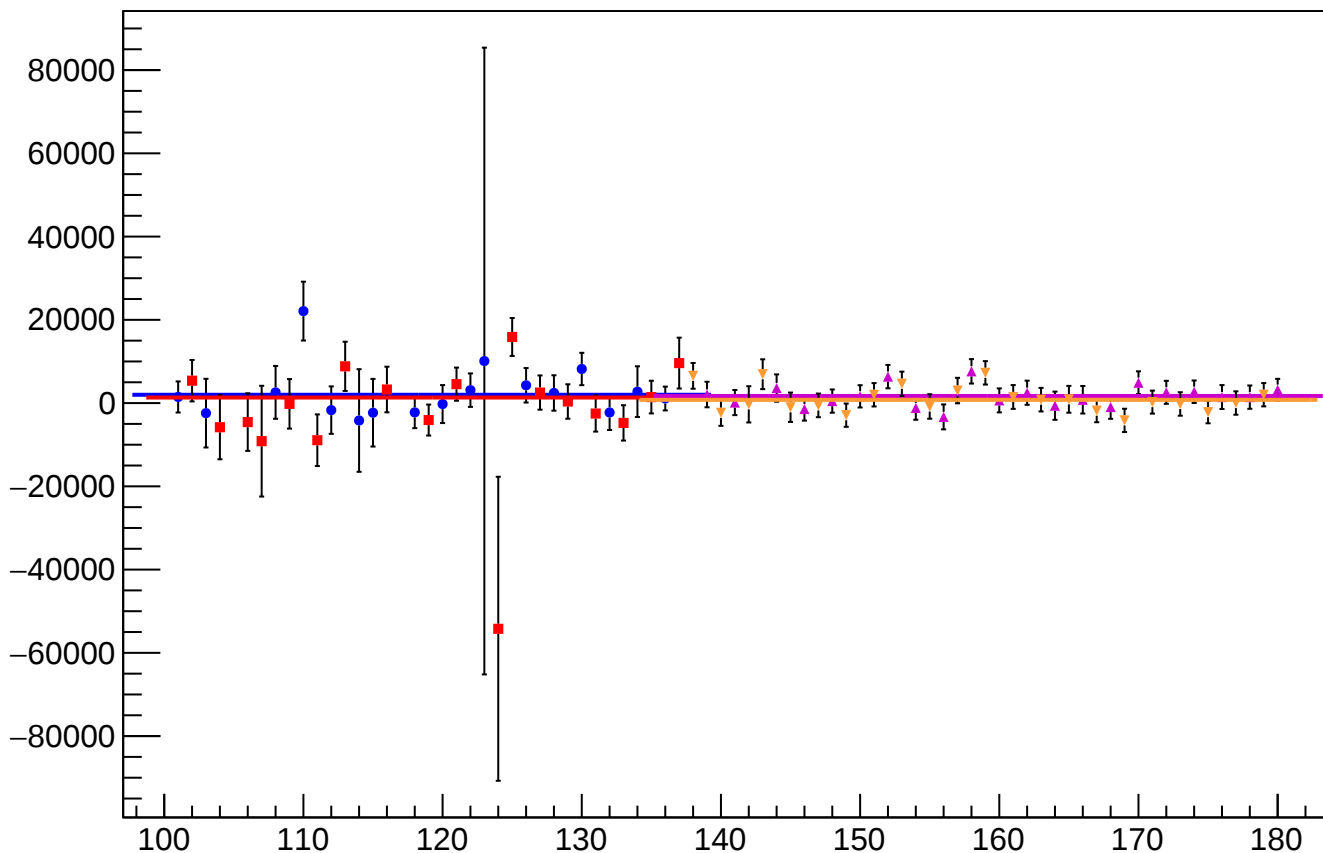
Right: 904.380 ± 0.202 $\chi^2/\text{NDF}: 7104613.1/34$

In: 776.898 ± 0.120 $\chi^2/\text{NDF}: 4365502.8/37$

Out: 740.900 ± 0.117 $\chi^2/\text{NDF}: 6879500.1/39$

All: 758.419 ± 0.084 $\chi^2/\text{NDF}: 11291137.8/77$

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 781.304+/-630.649 χ^2/NDF : 23.5/21

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1711.281+/-629.577 χ^2/NDF : 16.3/20

Left: 1247.083+/-445.557 χ^2/NDF : 40.9/42

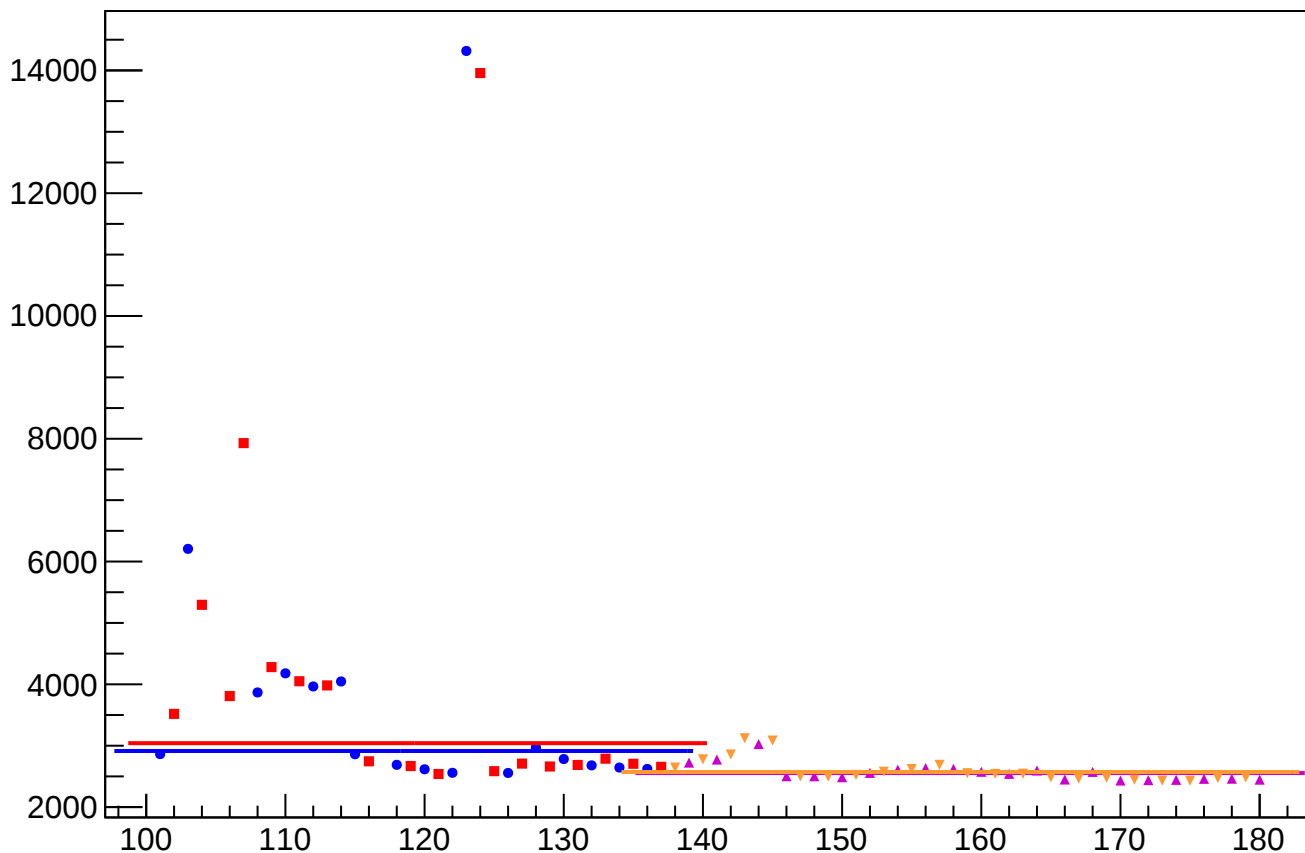
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1776.555+/-552.794 χ^2/NDF : 31.3/37

Out: 902.477+/-557.616 χ^2/NDF : 51.1/39

All: 1343.311+/-392.578 χ^2/NDF : 83.7/77

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2571.465+/-0.446 χ^2/NDF : 140756.0/21

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2554.656+/-0.445 χ^2/NDF : 85267.0/20

Left: 2563.047+/-0.315 χ^2/NDF : 226734.6/42

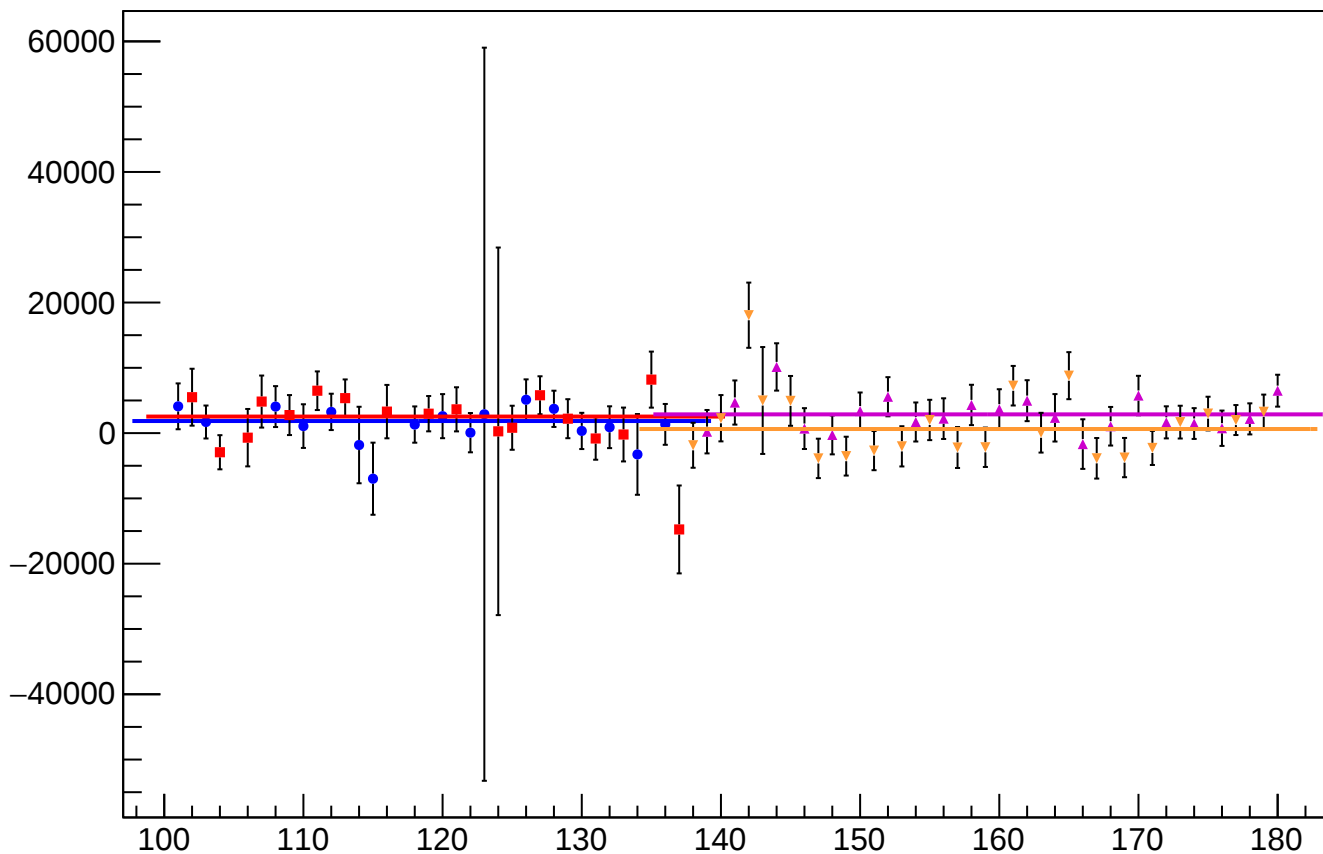
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2636.934+/-0.391 χ^2/NDF : 873384.0/37

Out: 2673.968+/-0.394 χ^2/NDF : 1386480.6/39

All: 2655.290+/-0.278 χ^2/NDF : 2264314.0/77

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 ± 806.760 χ^2/NDF : 7.3/16

Left Out: 628.320 ± 653.672 χ^2/NDF : 40.3/21

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2871.302 ± 641.993 χ^2/NDF : 14.6/20

Left: 1770.027 ± 458.031 χ^2/NDF : 60.8/42

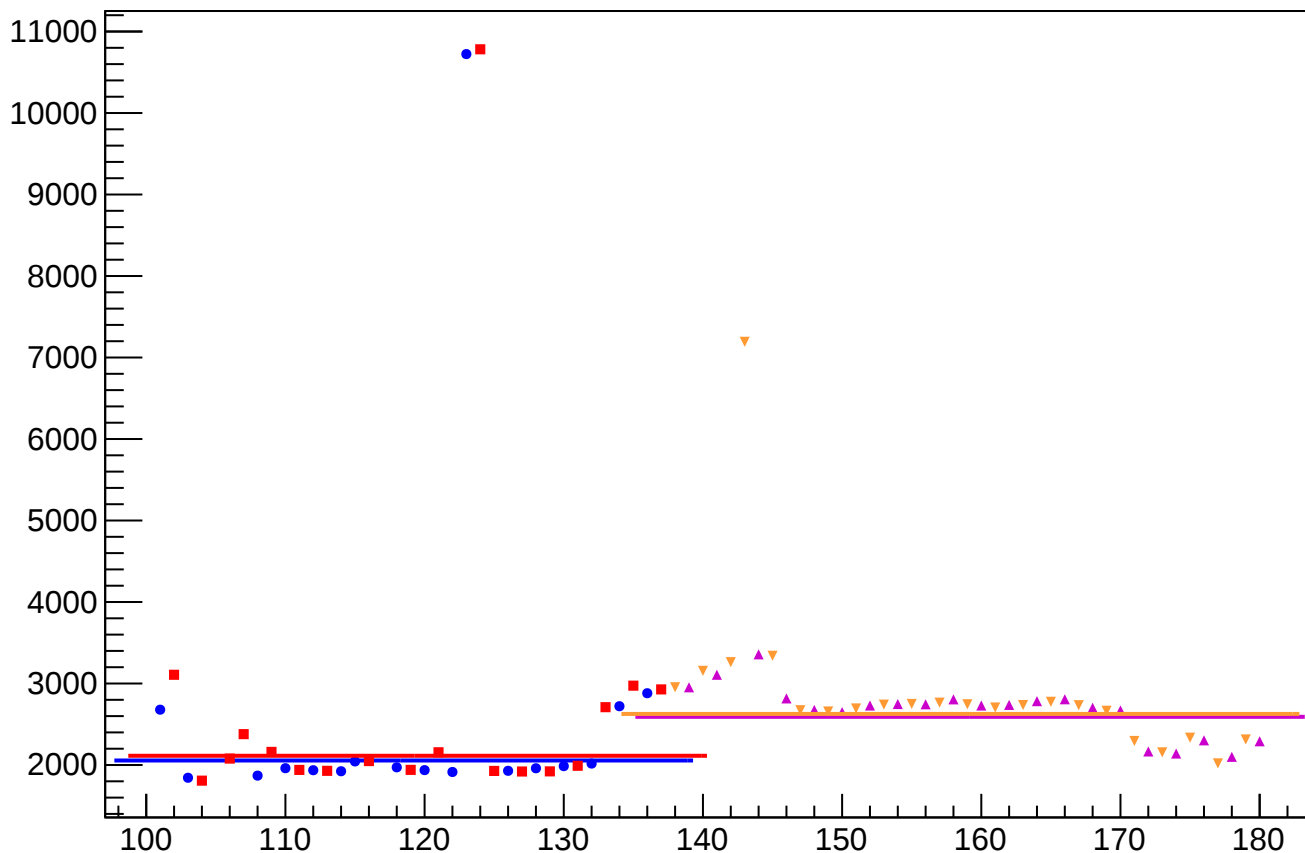
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2475.357 ± 502.348 χ^2/NDF : 22.8/37

Out: 1369.979 ± 510.975 χ^2/NDF : 63.6/39

All: 1932.078 ± 358.225 χ^2/NDF : 88.8/77

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 2626.729 $\pm$ 0.462 χ^2 /NDF:1107791.1/21

Right Out: 2113.304 $\pm$ 0.578 χ^2 /NDF: 532006.4/17

Left In: 2591.370 $\pm$ 0.454 χ^2 /NDF:492448.1/20

Left: 2608.731 $\pm$ 0.324 χ^2 /NDF: 1603217.9/42

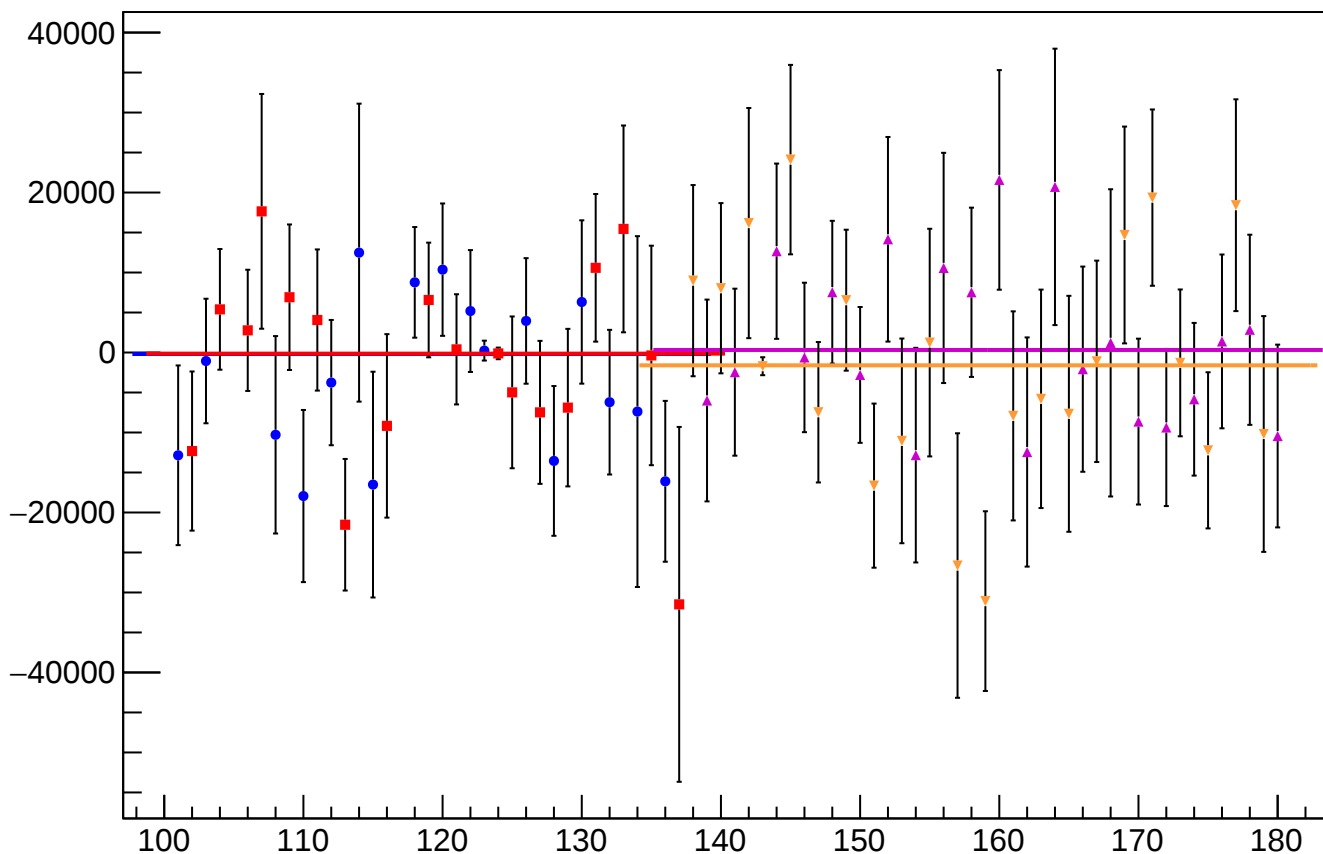
Right: 2083.972 $\pm$ 0.406 χ^2 /NDF: 853461.4/34

In: 2383.581 $\pm$ 0.355 χ^2 /NDF:1349208.1/37

Out: 2426.667 $\pm$ 0.361 χ^2 /NDF:2120582.3/39

All: 2404.770 $\pm$ 0.253 χ^2 /NDF: 3477026.0/77

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1600.533+/-1026.934 χ^2/NDF : 30.4/21

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 316.656+/-2474.771 χ^2/NDF : 13.2/20

Left: -1318.902+/-948.513 χ^2/NDF : 44.2/42

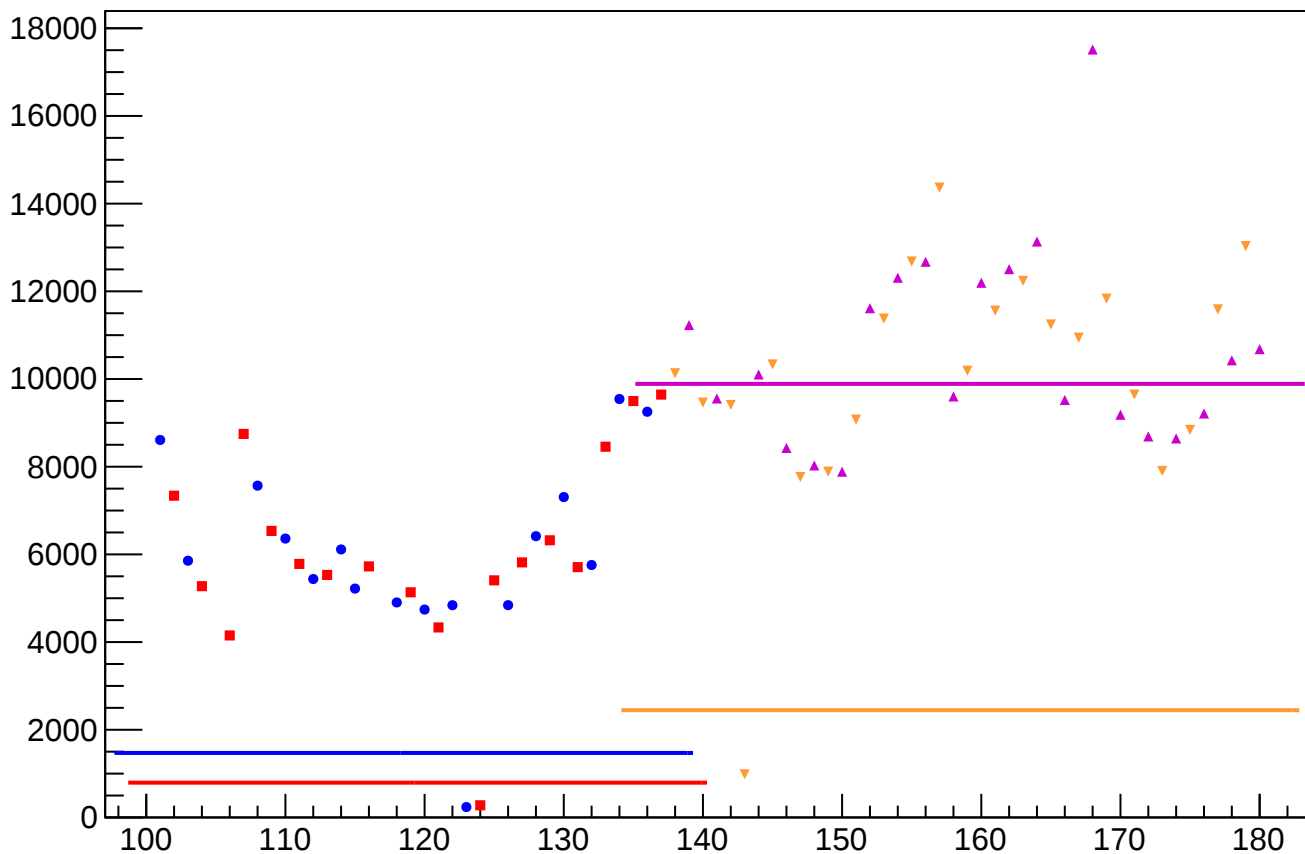
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -102.347+/-1005.772 χ^2/NDF : 29.6/37

Out: -596.497+/-573.287 χ^2/NDF : 50.8/39

All: -475.320+/-498.059 χ^2/NDF : 80.6/77

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2446.167 $\pm$ 0.726 χ^2 /NDF: 21766001.3/21

Right Out: 793.659 $\pm$ 0.489 χ^2 /NDF: 11422584.5/17

Left In: 9889.153 $\pm$ 1.750 χ^2 /NDF: 1055866.8/20

Left: 3539.528 $\pm$ 0.671 χ^2 /NDF: 38255044.1/42

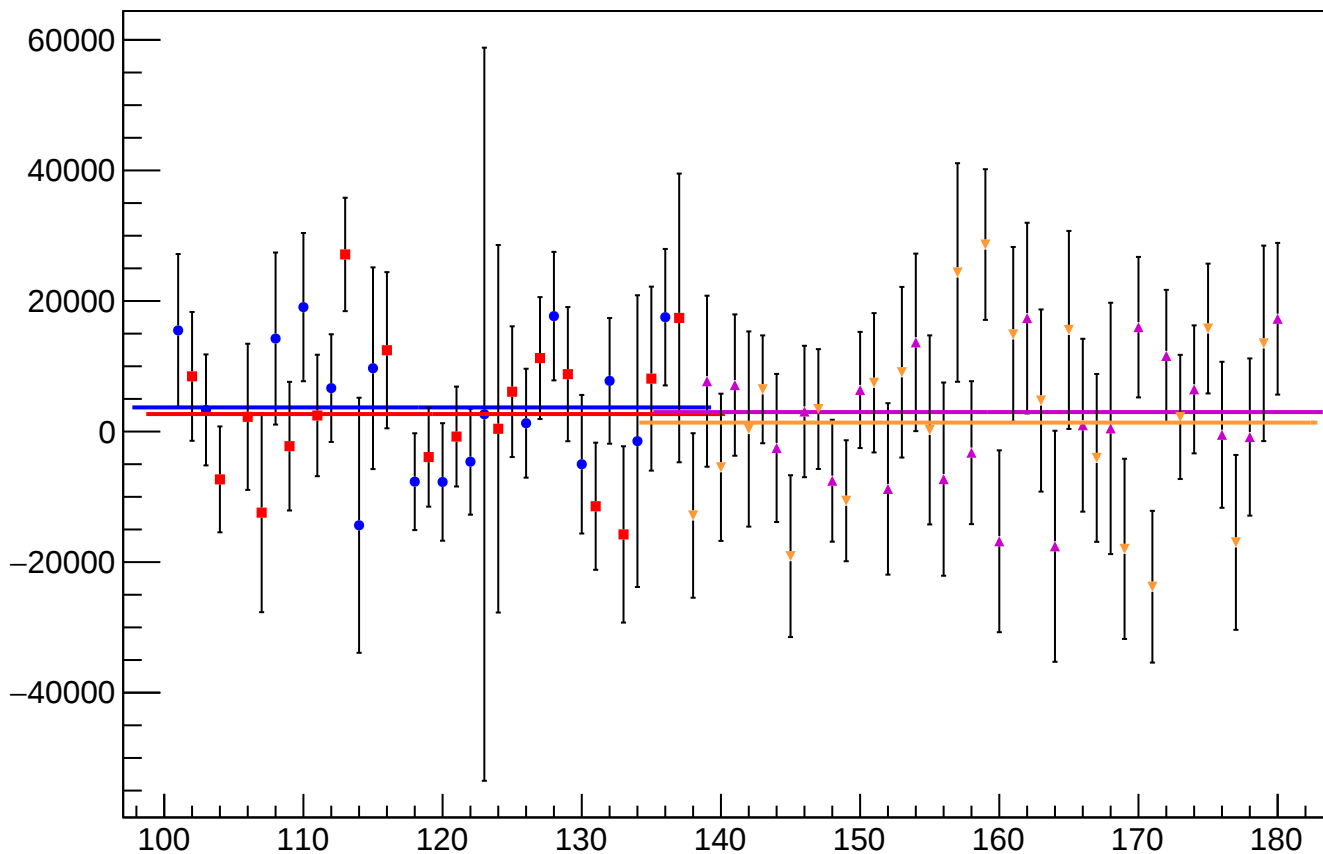
Right: 985.285 $\pm$ 0.414 χ^2 /NDF: 21755031.4/34

In: 2861.928 $\pm$ 0.711 χ^2 /NDF: 30160658.6/37

Out: 1308.653 $\pm$ 0.405 χ^2 /NDF: 36753466.6/39

All: 1689.553 $\pm$ 0.352 χ^2 /NDF: 70514485.8/77

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1373.794+/-2509.726 χ^2/NDF : 28.0/21

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 2982.347+/-2558.761 χ^2/NDF : 12.5/20

Left: 2162.510+/-1791.729 χ^2/NDF : 40.8/42

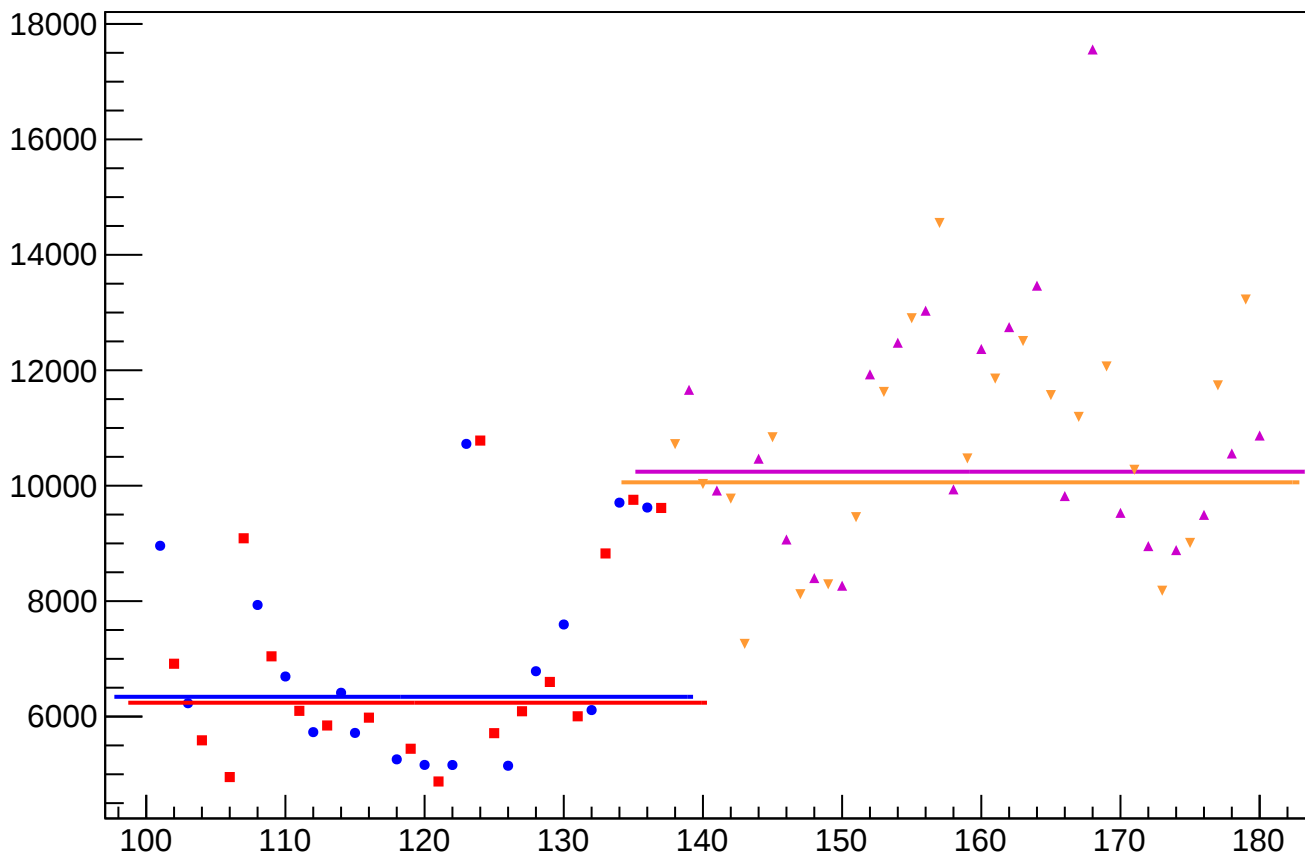
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3346.150+/-1794.714 χ^2/NDF : 27.0/37

Out: 2048.069+/-1745.273 χ^2/NDF : 46.7/39

All: 2678.983+/-1251.208 χ^2/NDF : 74.0/77

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 10058.296+/-1.775 χ^2/NDF : 1061855.5/21

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10242.268+/-1.809 χ^2/NDF : 947675.3/20

Left: 10148.502+/-1.267 χ^2/NDF : 2014800.3/42

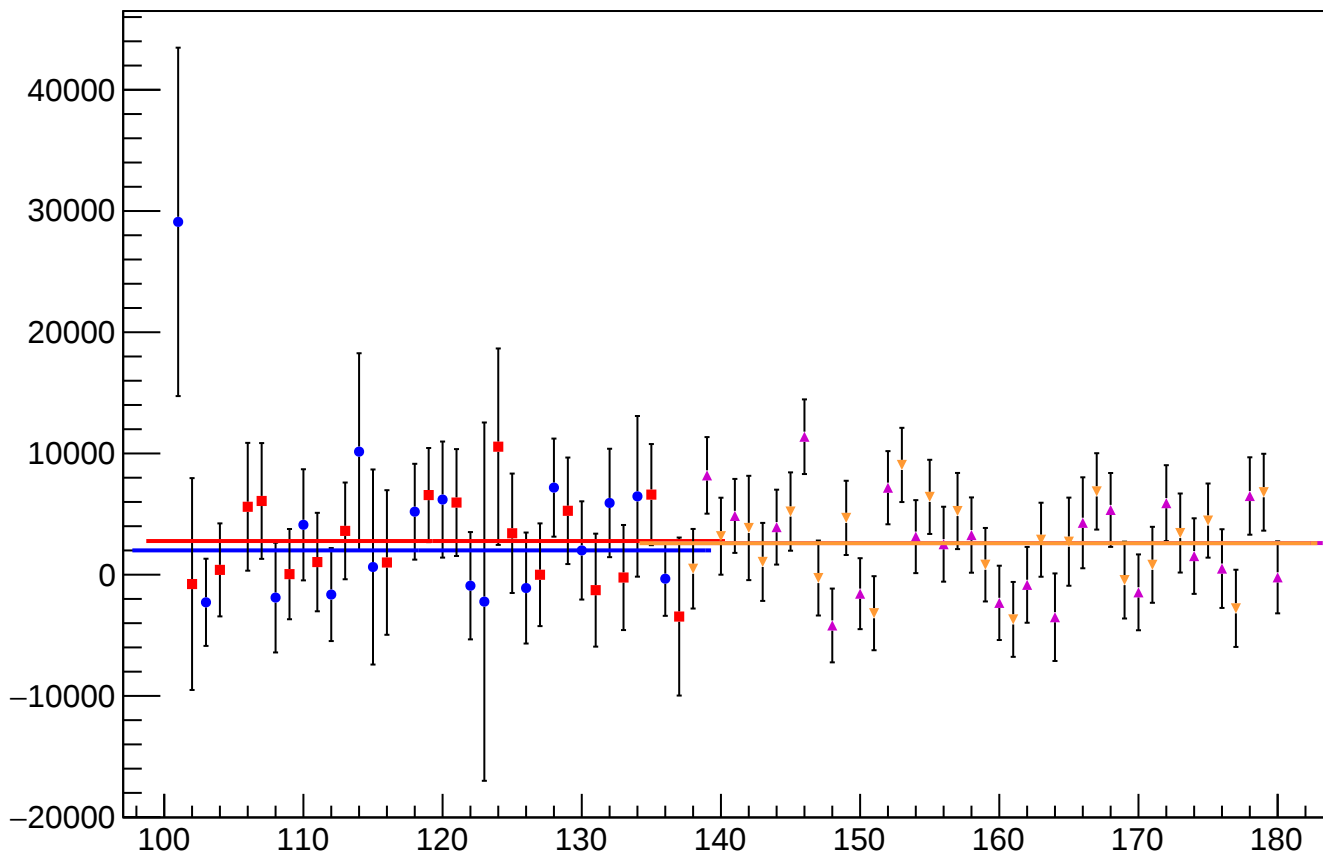
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8260.938+/-1.269 χ^2/NDF : 3901742.3/37

Out: 8086.246+/-1.234 χ^2/NDF : 3982190.2/39

All: 8171.151+/-0.885 χ^2/NDF : 7893671.8/77

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2598.438 $\pm$ 678.912 χ^2 /NDF:25.7/21

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2607.715 $\pm$ 682.265 χ^2 /NDF:34.7/20

Left: 2603.054 $\pm$ 481.244 χ^2 /NDF: 60.4/42

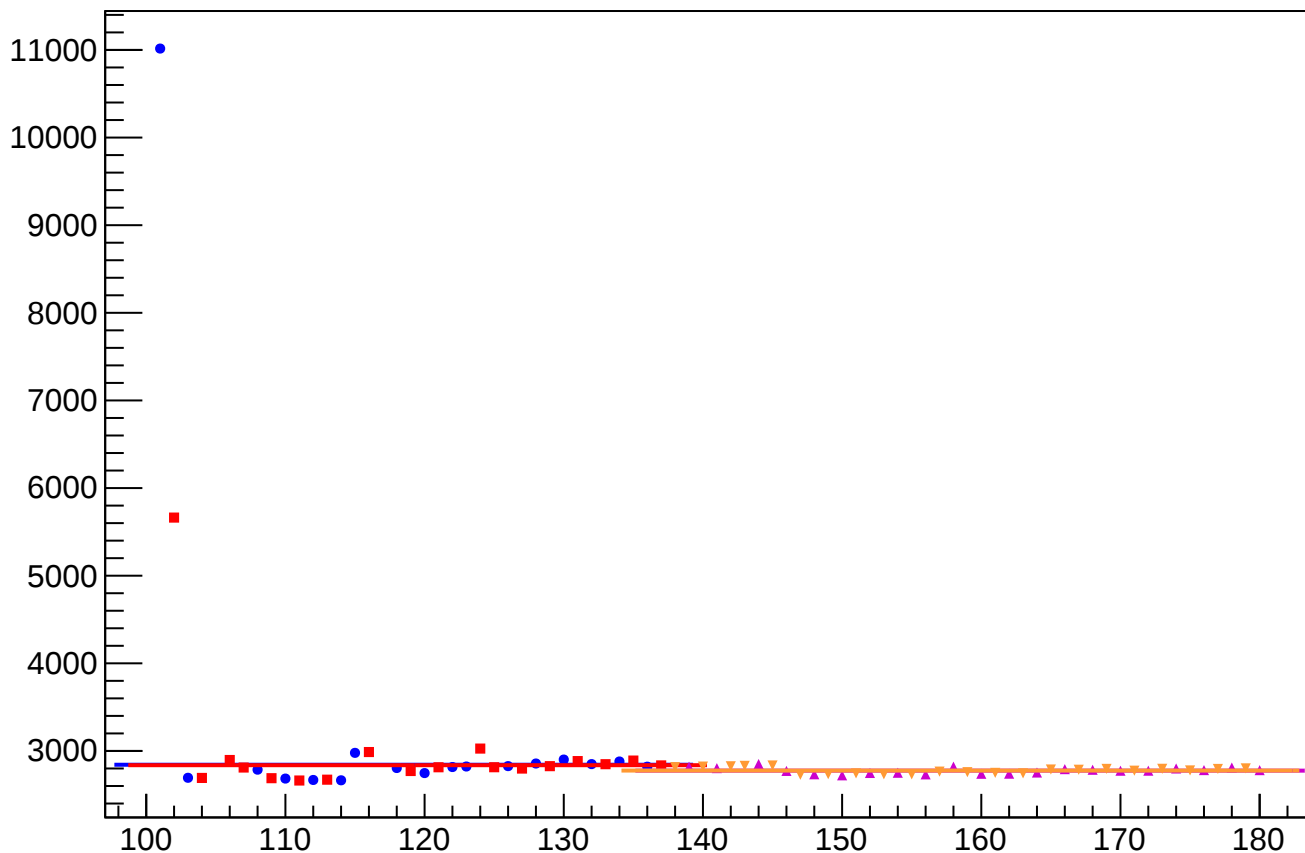
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2445.629 $\pm$ 583.429 χ^2 /NDF:48.6/37

Out: 2648.290 $\pm$ 575.798 χ^2 /NDF:34.0/39

All: 2548.294 $\pm$ 409.822 χ^2 /NDF: 82.7/77

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2776.201+/-0.480 χ^2/NDF : 4878.6/21

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2775.226+/-0.482 χ^2/NDF : 4967.5/20

Left: 2775.716+/-0.340 χ^2/NDF : 9848.1/42

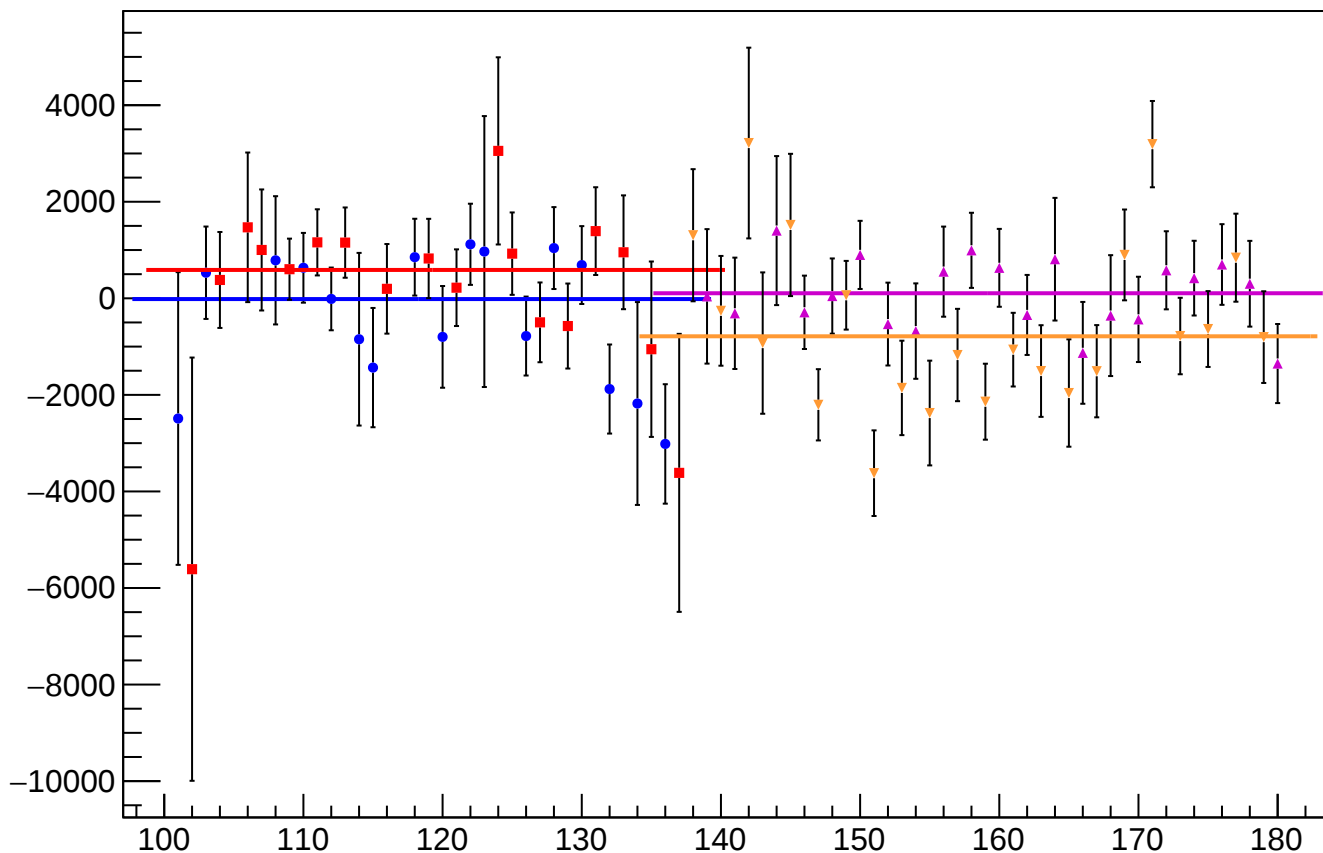
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.340+/-0.413 χ^2/NDF : 670518.3/37

Out: 2793.390+/-0.407 χ^2/NDF : 235868.1/39

All: 2793.365+/-0.290 χ^2/NDF : 906386.4/77

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -786.709 $\pm$ 200.715 χ^2/NDF : 59.6/21

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 104.960 $\pm$ 195.814 χ^2/NDF : 12.2/20

Left: -329.855 $\pm$ 140.162 χ^2/NDF : 81.9/42

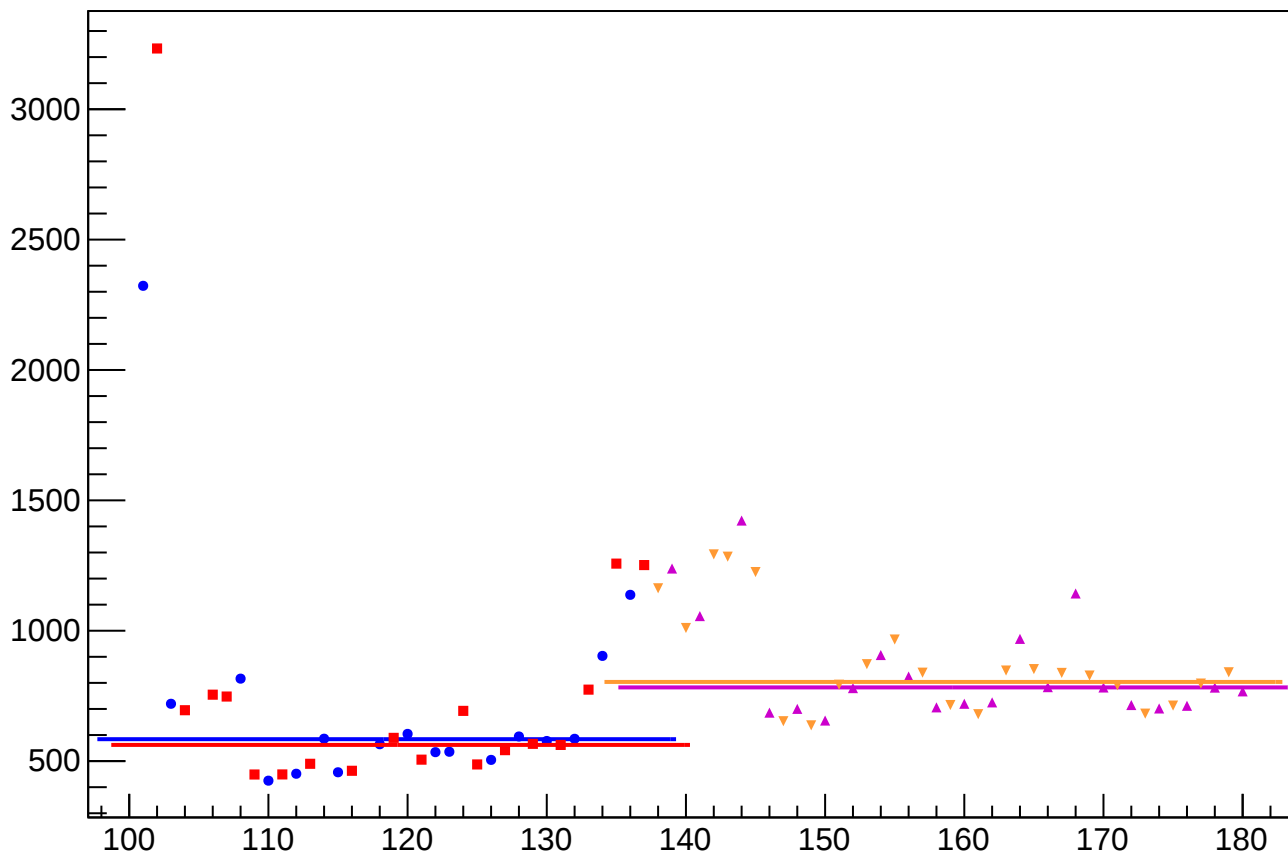
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 56.491 $\pm$ 151.433 χ^2/NDF : 34.0/37

Out: -180.133 $\pm$ 150.018 χ^2/NDF : 93.6/39

All: -62.931 $\pm$ 106.576 χ^2/NDF : 128.8/77

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.632+/-0.142 χ^2/NDF : 1123689.1/21

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 782.615+/-0.138 χ^2/NDF : 1126129.9/20

Left: 792.864+/-0.099 χ^2/NDF : 2261053.5/42

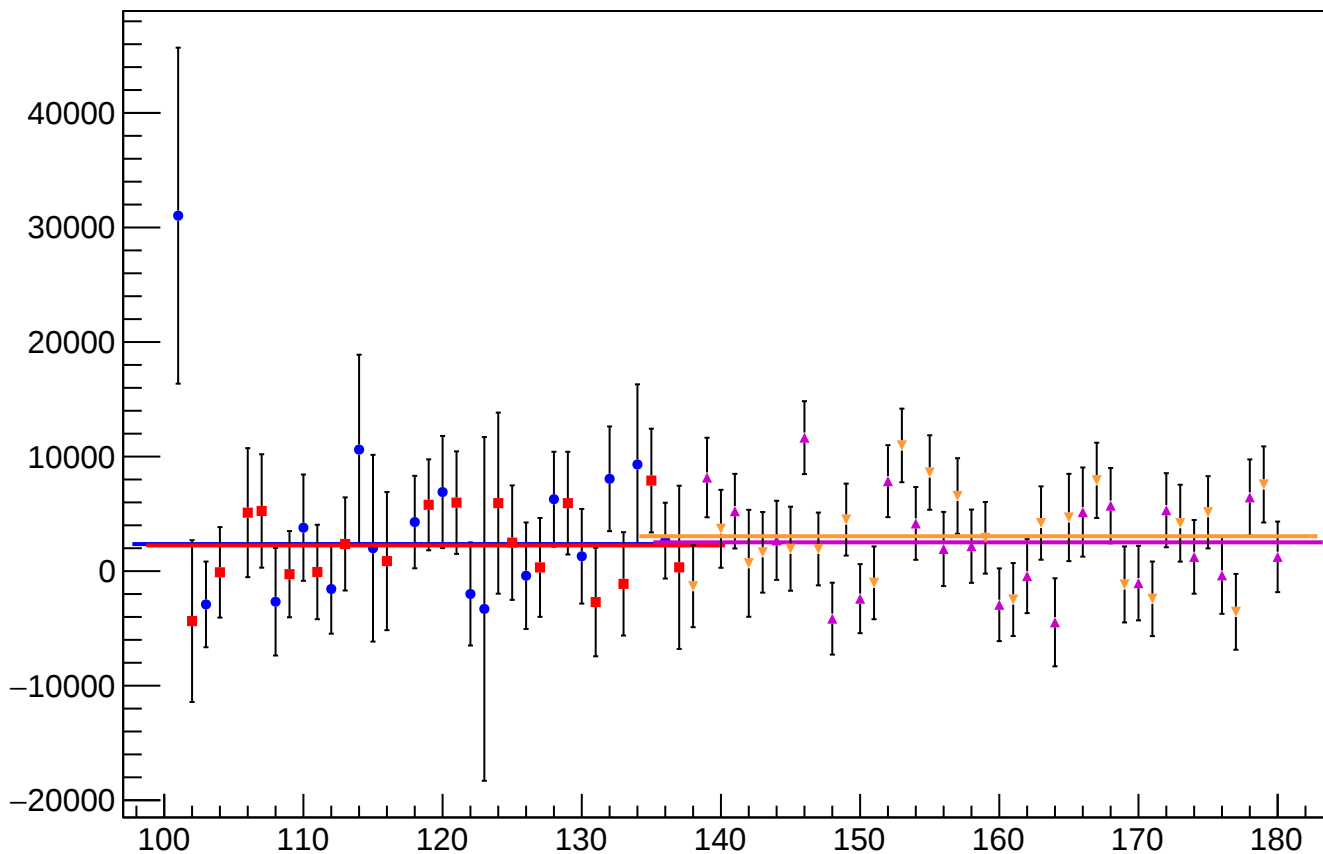
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 702.809+/-0.107 χ^2/NDF : 3389302.5/37

Out: 697.038+/-0.106 χ^2/NDF : 3927004.7/39

All: 699.896+/-0.075 χ^2/NDF : 7317773.2/77

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3048.173+/-713.443 χ^2/NDF : 30.5/21

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2514.085+/-714.761 χ^2/NDF : 34.9/20

Left: 2781.622+/-504.946 χ^2/NDF : 65.6/42

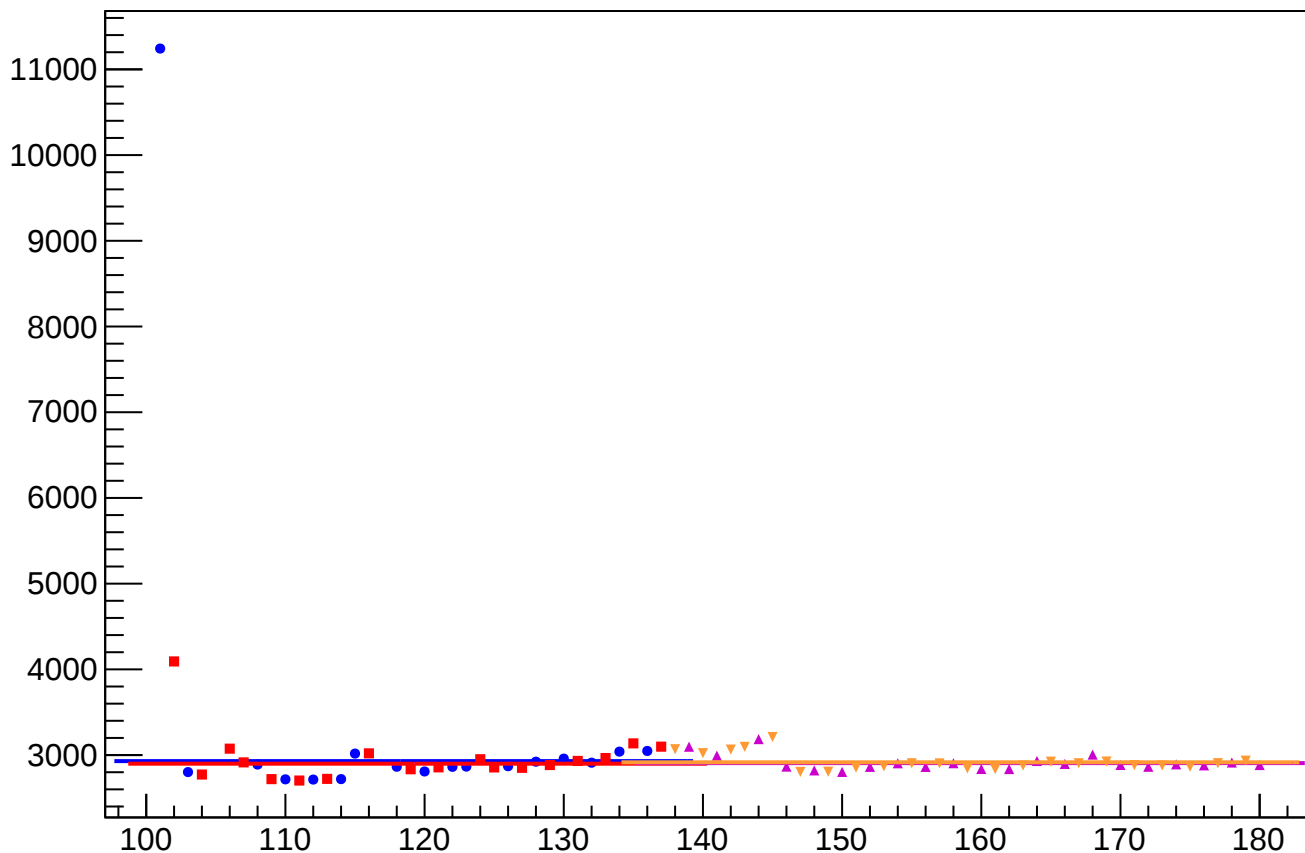
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2472.449+/-608.510 χ^2/NDF : 50.0/37

Out: 2814.068+/-600.470 χ^2/NDF : 39.4/39

All: 2645.530+/-427.410 χ^2/NDF : 89.5/77

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2915.789+/-0.504 χ^2/NDF : 35673.1/21

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2906.286+/-0.505 χ^2/NDF : 29971.2/20

Left: 2911.046+/-0.357 χ^2/NDF : 65821.4/42

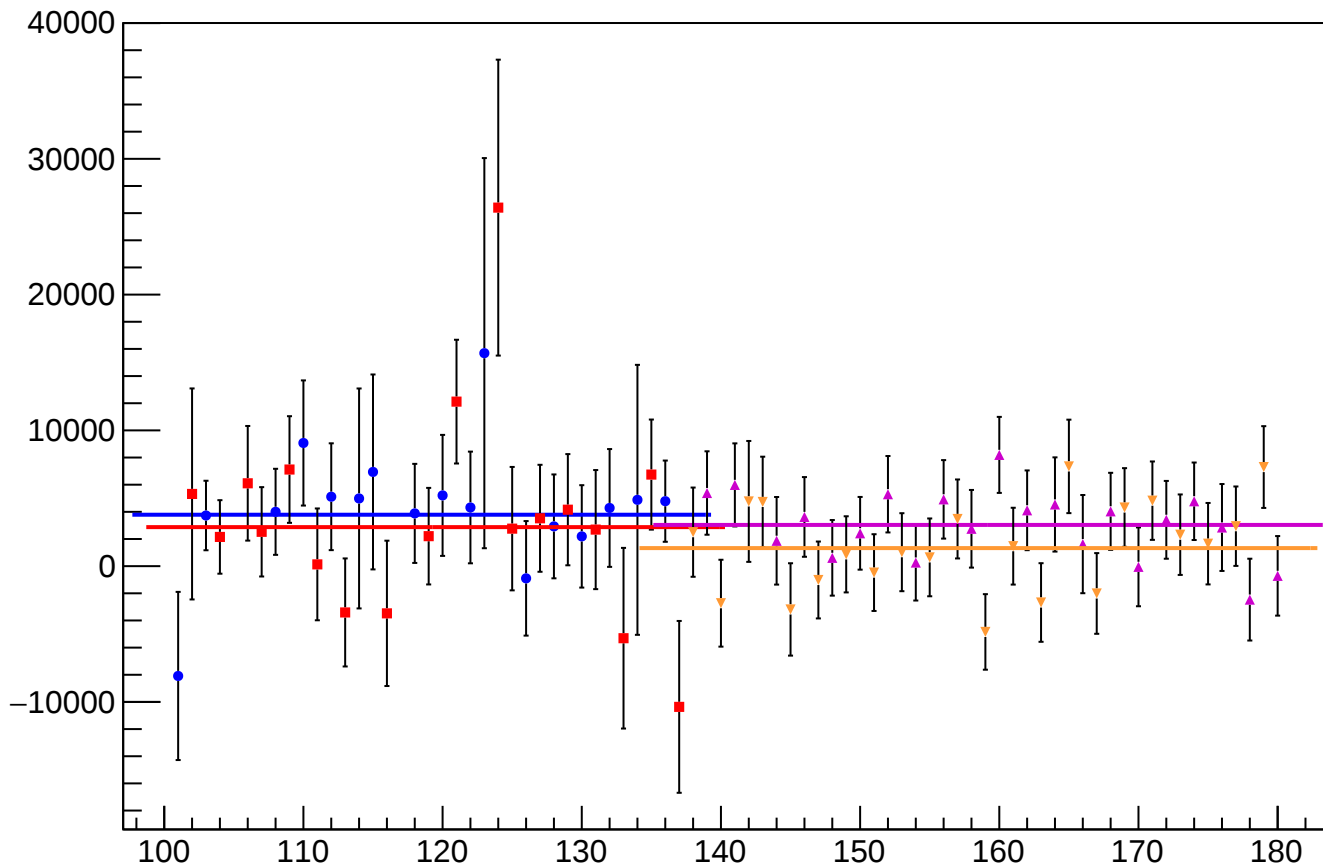
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2912.717+/-0.430 χ^2/NDF : 693188.6/37

Out: 2911.018+/-0.425 χ^2/NDF : 119522.8/39

All: 2911.856+/-0.302 χ^2/NDF : 812719.3/77

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1329.915+/-643.091 χ^2/NDF : 24.9/21

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3036.531+/-644.920 χ^2/NDF : 15.0/20

Left: 2180.800+/-455.379 χ^2/NDF : 43.5/42

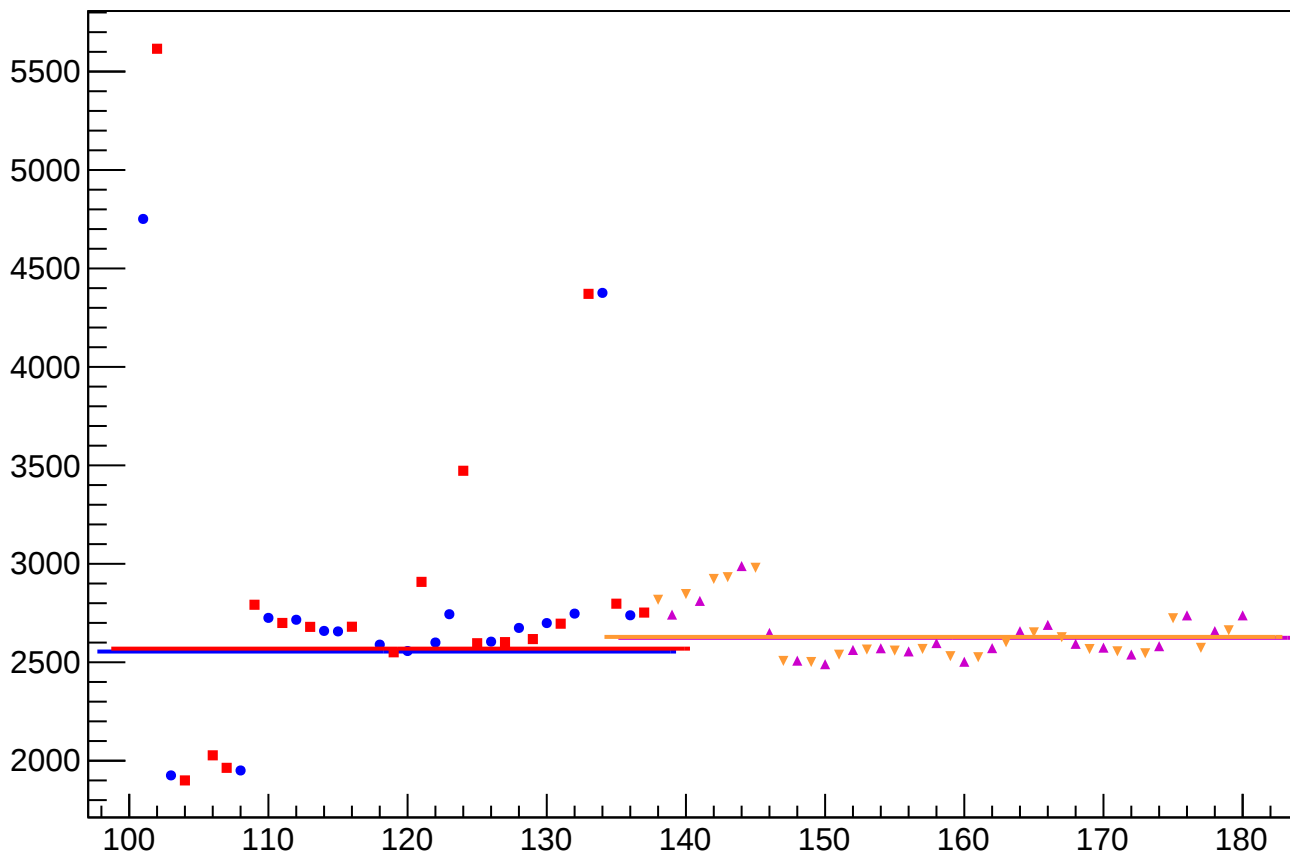
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3254.712+/-543.265 χ^2/NDF : 23.2/37

Out: 1779.272+/-541.539 χ^2/NDF : 48.6/39

All: 2514.645+/-383.535 χ^2/NDF : 75.5/77

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2628.848 $\pm$ 0.455 χ^2 /NDF: 87540.5/21

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2624.214 $\pm$ 0.456 χ^2 /NDF: 61685.5/20

Left: 2626.538 $\pm$ 0.322 χ^2 /NDF: 149277.7/42

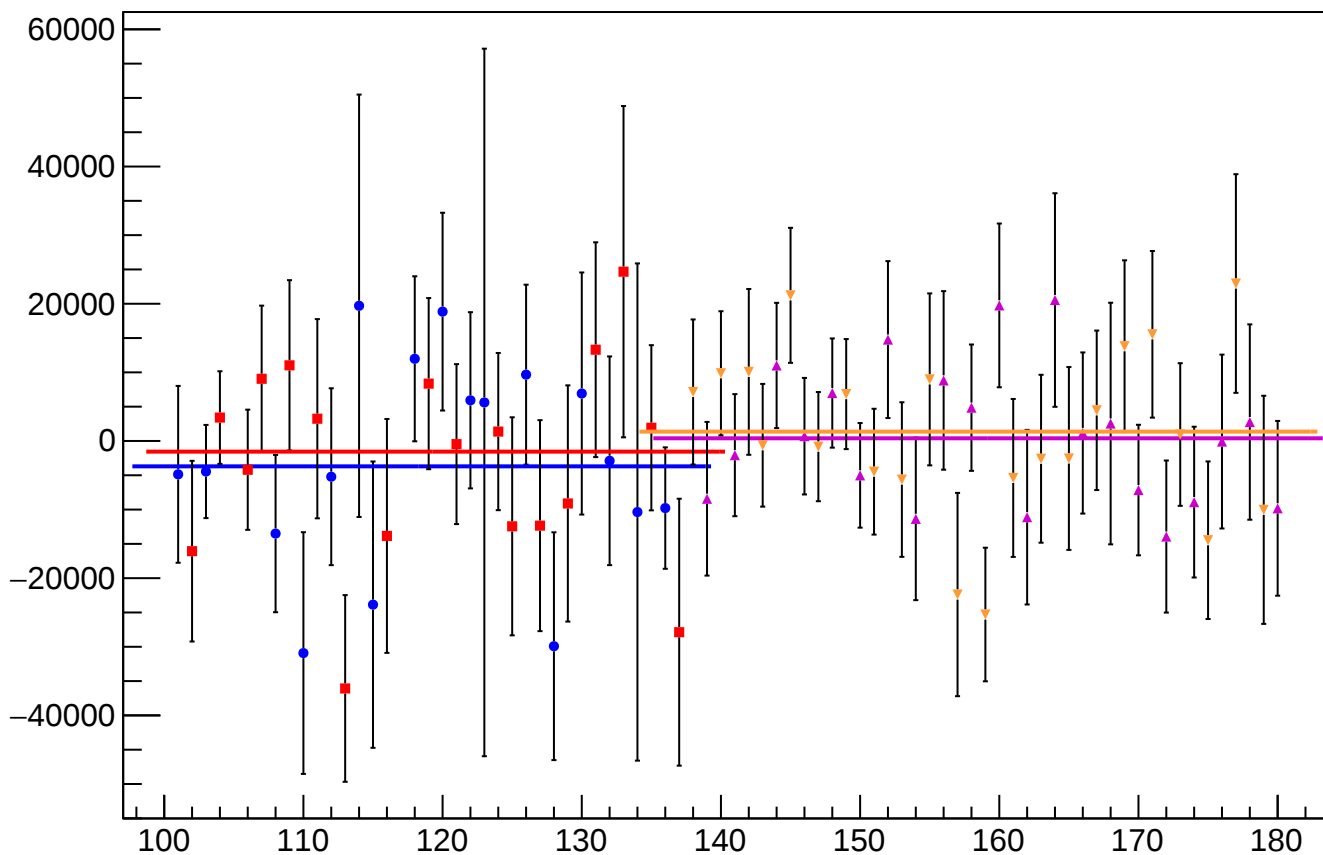
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2603.979 $\pm$ 0.384 χ^2 /NDF: 605090.9/37

Out: 2611.504 $\pm$ 0.383 χ^2 /NDF: 815871.0/39

All: 2607.754 $\pm$ 0.271 χ^2 /NDF: 1421154.4/77

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1360.527+/-2304.828 χ^2/NDF : 24.8/21

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 388.698+/-2327.926 χ^2/NDF : 15.3/20

Left: 879.458+/-1637.865 χ^2/NDF : 40.1/42

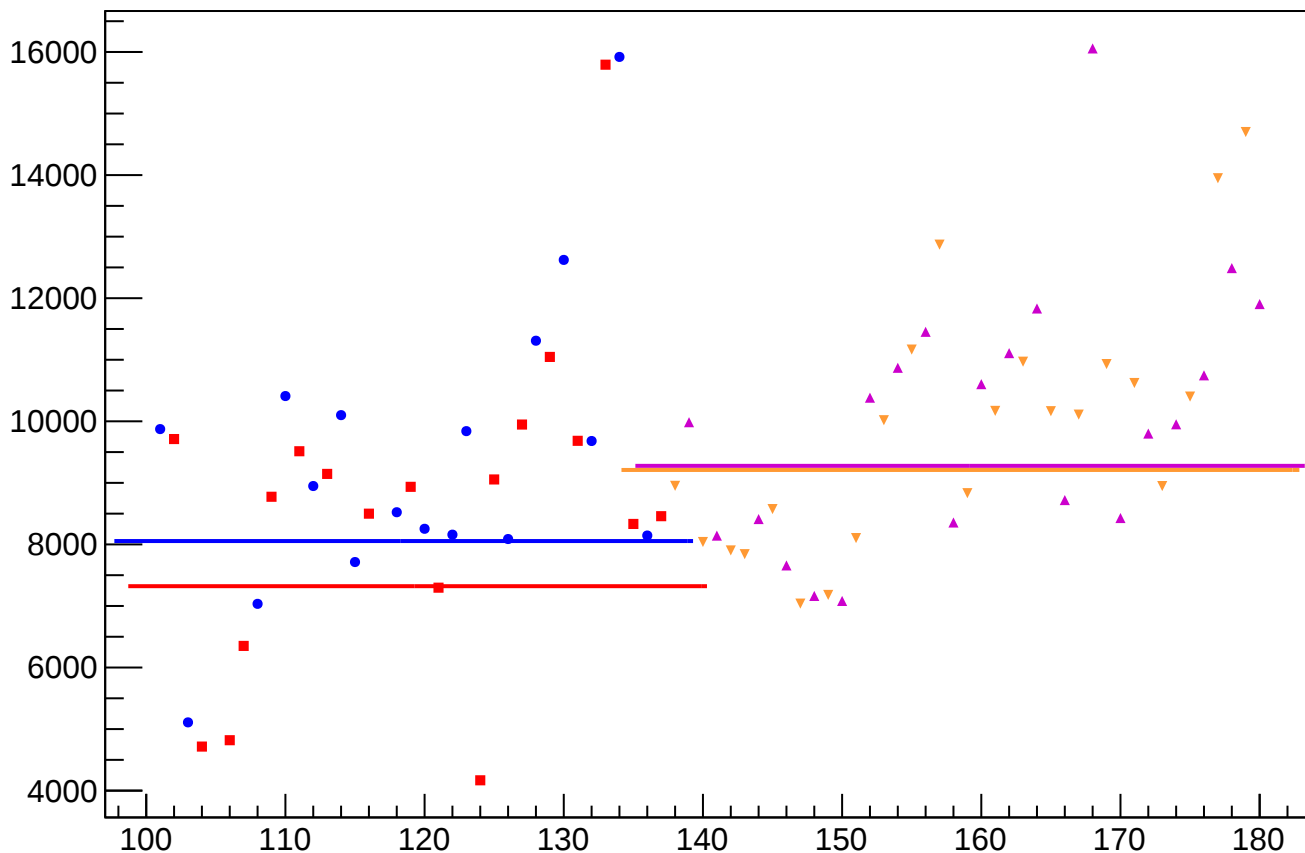
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -1015.853+/-1886.108 χ^2/NDF : 30.2/37

Out: 237.177+/-1807.188 χ^2/NDF : 42.2/39

All: -362.575+/-1304.883 χ^2/NDF : 72.5/77

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9209.644 $\pm$ 1.630 χ^2 /NDF:1163573.6/21

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 9276.389 $\pm$ 1.646 χ^2 /NDF:1231685.1/20

Left: 9242.684 $\pm$ 1.158 χ^2 /NDF: 2396088.9/42

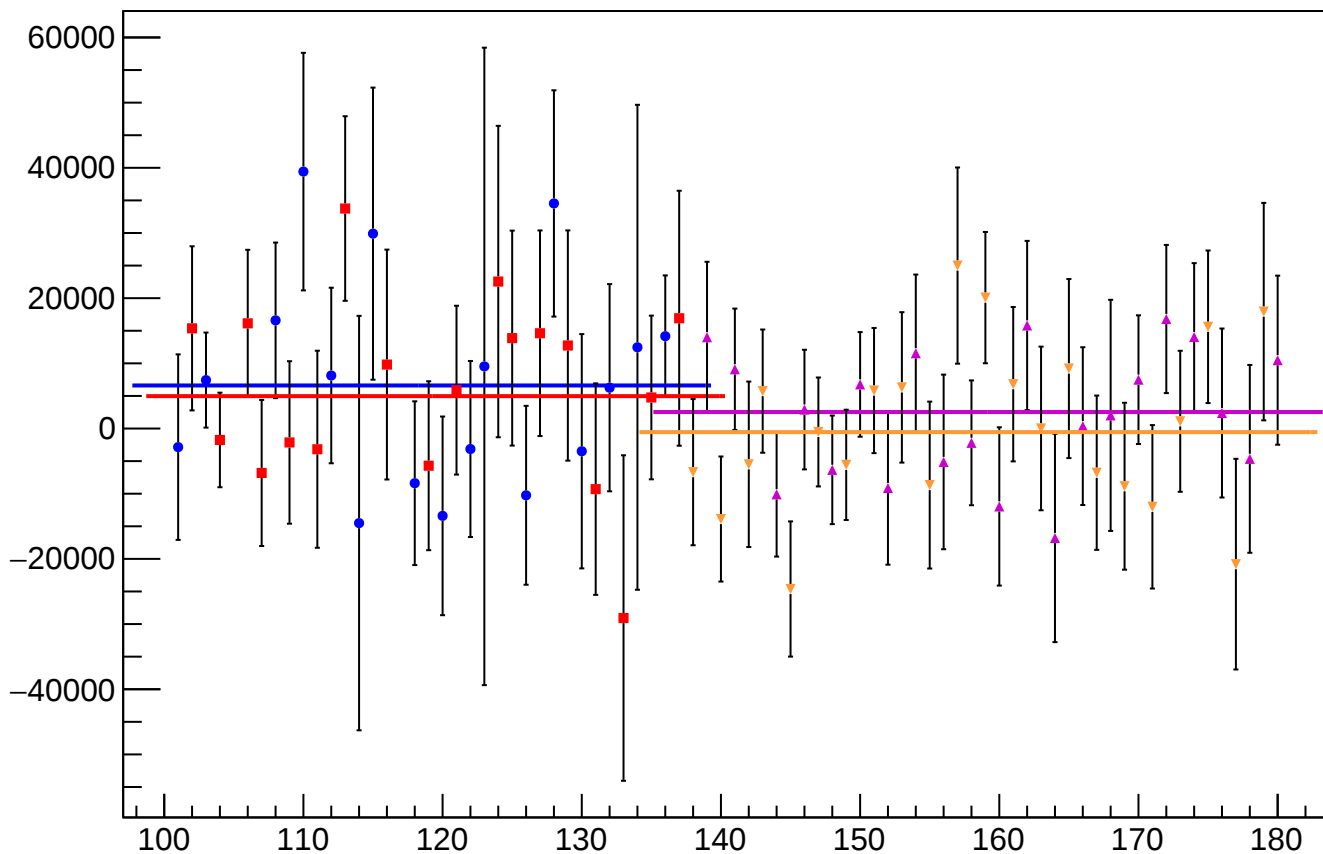
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8856.690 $\pm$ 1.334 χ^2 /NDF:2241667.5/37

Out: 8482.292 $\pm$ 1.278 χ^2 /NDF:3016600.1/39

All: 8661.494 $\pm$ 0.923 χ^2 /NDF: 5299354.2/77

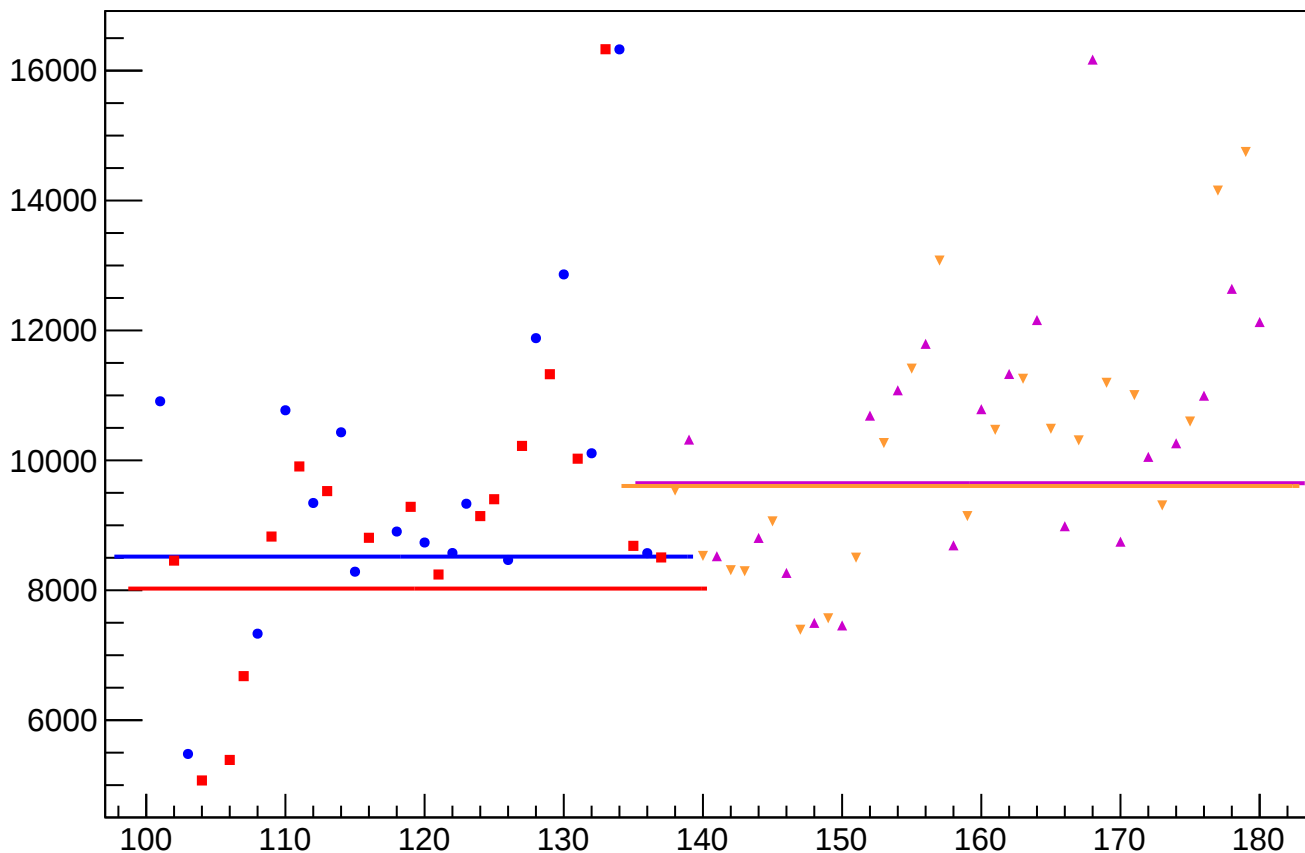
asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16
 Left Out: -547.117+/-2396.123 χ^2/NDF : 24.0/21
 Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17
 Left In: 2532.318+/-2414.880 χ^2/NDF : 14.2/20

Left: 980.595+/-1700.908 χ^2/NDF : 39.0/42
 Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34
 In: 3900.934+/-1968.008 χ^2/NDF : 29.9/37
 Out: 1452.605+/-1912.997 χ^2/NDF : 39.5/39
 All: 2642.073+/-1371.729 χ^2/NDF : 70.1/77

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2 /NDF: 771995.0/16

Left Out: 9605.708+/-1.694 χ^2 /NDF:1010379.2/21

Right Out: 8026.045+/-2.246 χ^2 /NDF: 942657.8/17

Left In: 9648.208+/-1.708 χ^2 /NDF:1077093.8/20

Left: 9626.792+/-1.203 χ^2 /NDF: 2087785.1/42

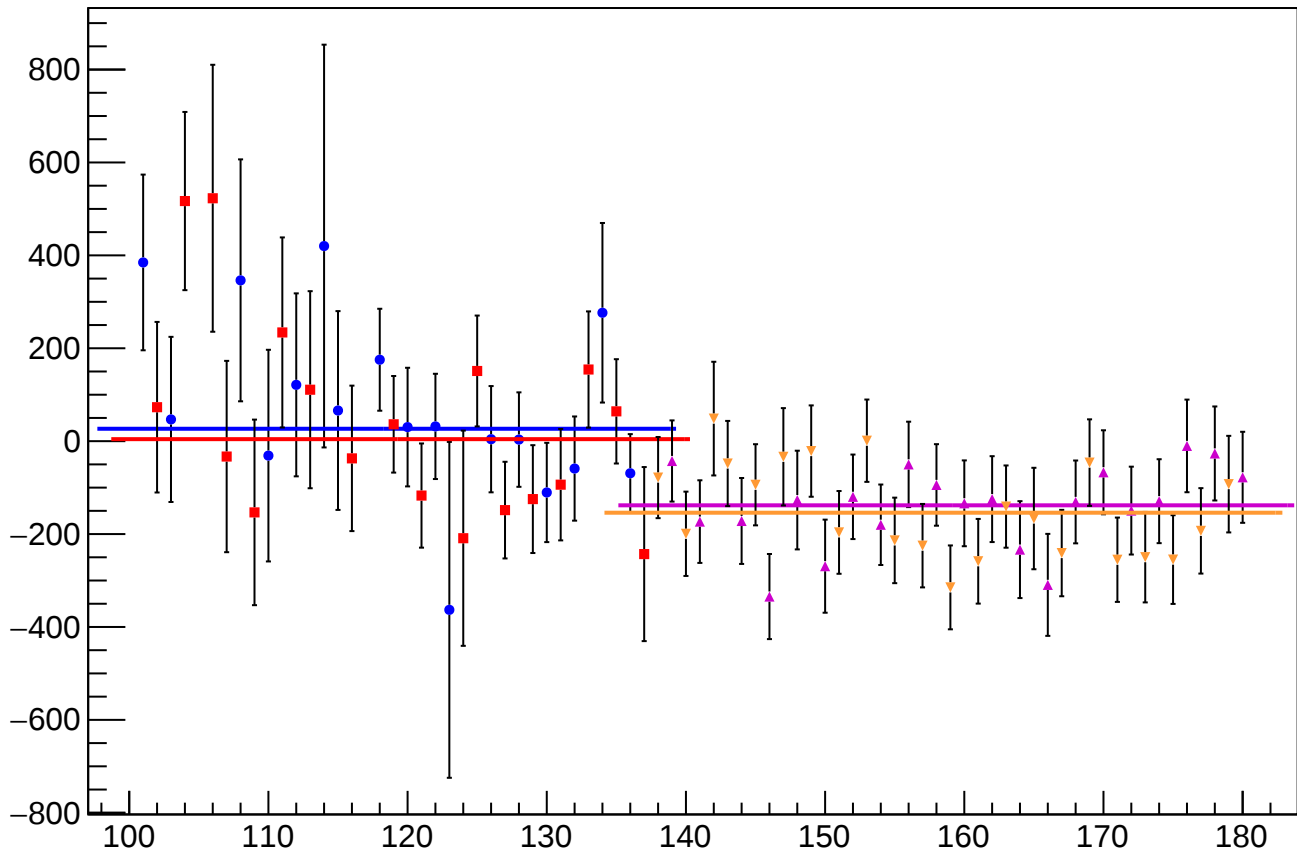
Right: 8255.767+/-1.640 χ^2 /NDF: 1737062.4/34

In: 9268.713+/-1.392 χ^2 /NDF:1996150.1/37

Out: 9032.892+/-1.353 χ^2 /NDF:2268240.8/39

All: 9147.459+/-0.970 χ^2 /NDF: 4279156.6/77

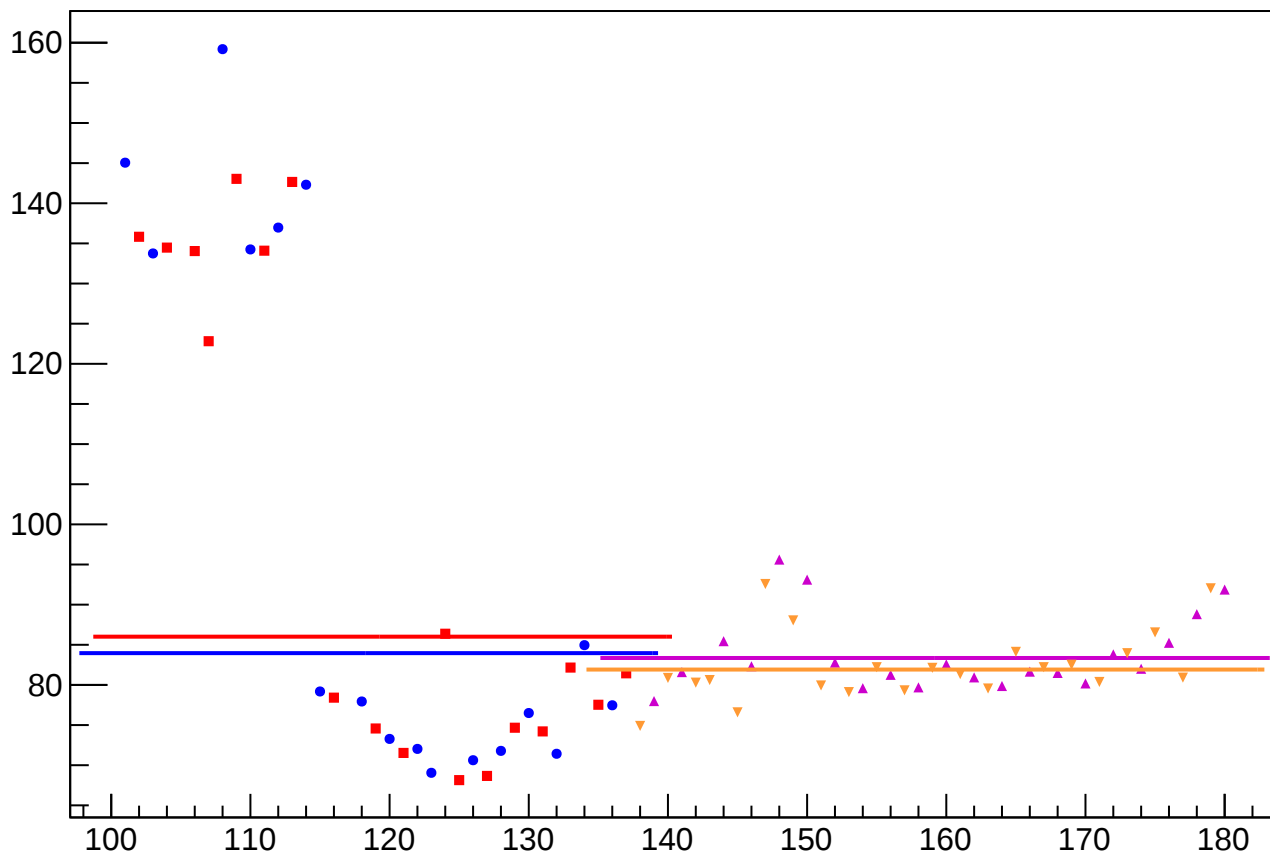
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -154.018 $\pm$ 20.034 χ^2/NDF :23.6/21
Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
Left In: -138.101 $\pm$ 20.508 χ^2/NDF :16.4/20

Left: -146.246 $\pm$ 14.331 χ^2/NDF : 40.3/42
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34
In: -93.417 $\pm$ 17.509 χ^2/NDF :48.5/37
Out: -112.925 $\pm$ 17.239 χ^2/NDF :63.7/39
All: -103.322 $\pm$ 12.284 χ^2/NDF : 112.8/77

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 81.915+/-0.014 χ^2/NDF : 82296.5/21

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.356+/-0.015 χ^2/NDF : 93313.4/20

Left: 82.618+/-0.010 χ^2/NDF : 180663.0/42

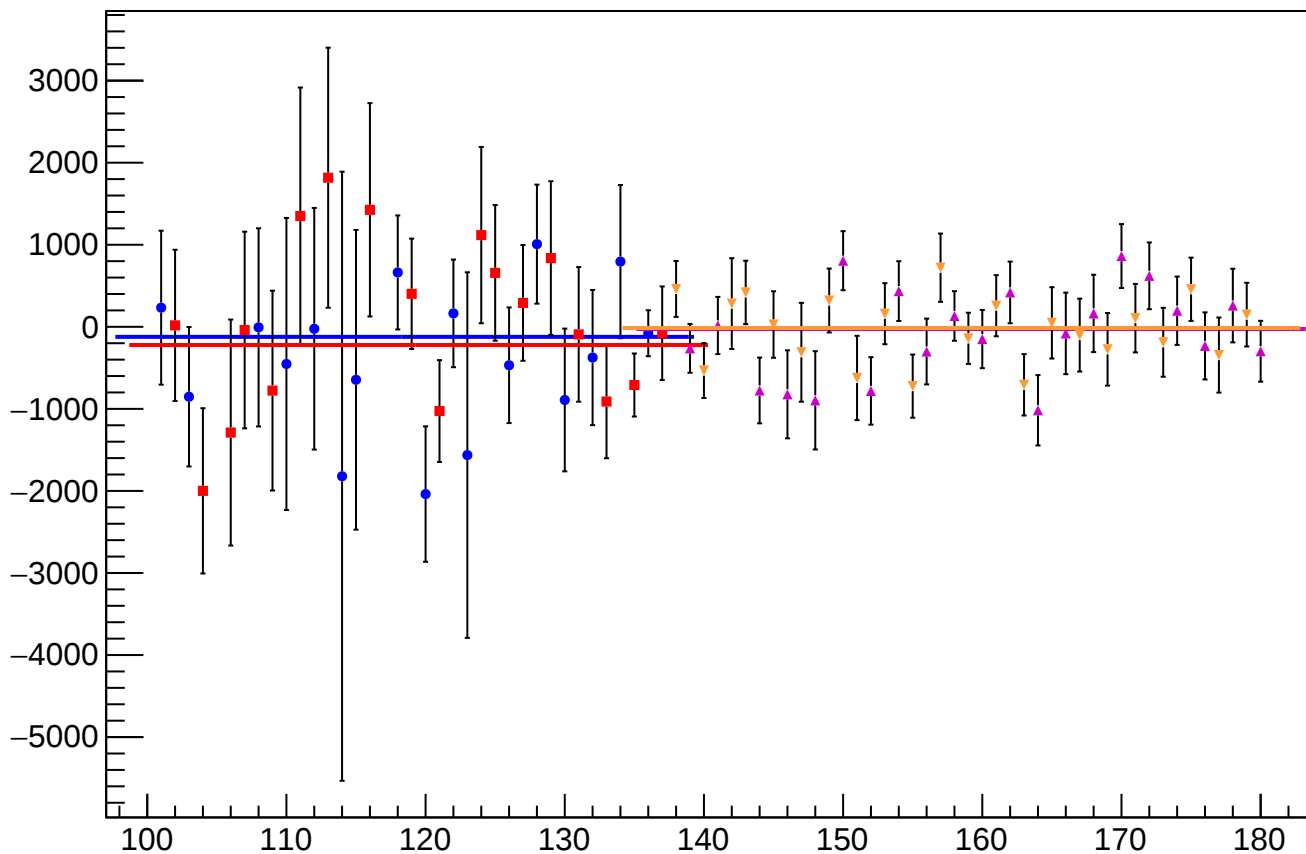
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.520+/-0.012 χ^2/NDF : 1054038.6/37

Out: 82.978+/-0.012 χ^2/NDF : 1130409.7/39

All: 83.245+/-0.009 χ^2/NDF : 2185420.6/77

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -13.993 ± 85.716 $\chi^2/\text{NDF}: 22.0/21$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -26.477 ± 85.741 $\chi^2/\text{NDF}: 35.8/20$

Left: -20.233 ± 60.619 $\chi^2/\text{NDF}: 57.8/42$

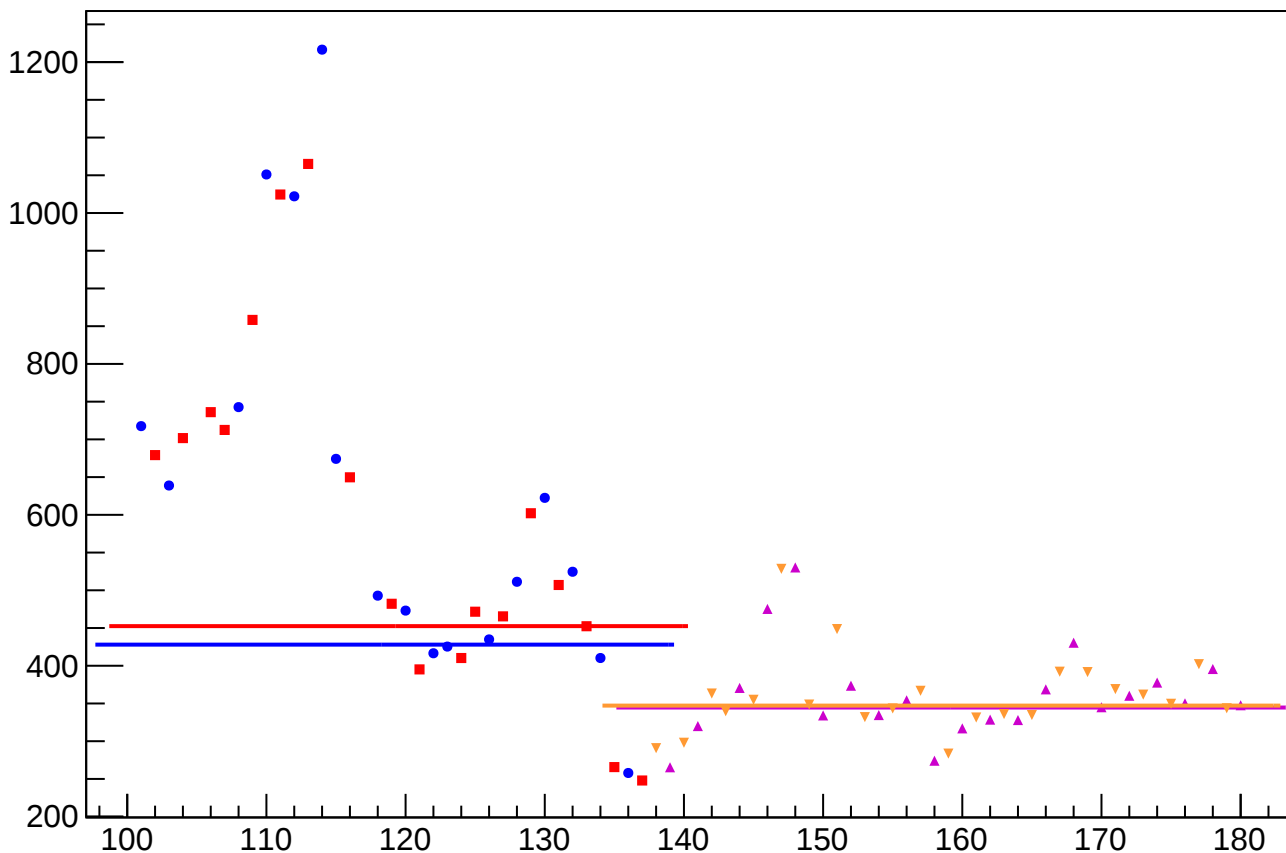
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -44.285 ± 77.375 $\chi^2/\text{NDF}: 49.1/37$

Out: -50.639 ± 77.781 $\chi^2/\text{NDF}: 41.0/39$

All: -47.445 ± 54.855 $\chi^2/\text{NDF}: 90.1/77$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.181+/-0.061 χ^2/NDF : 535779.1/21

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 344.619+/-0.061 χ^2/NDF : 725905.4/20

Left: 345.900+/-0.043 χ^2/NDF : 1262578.2/42

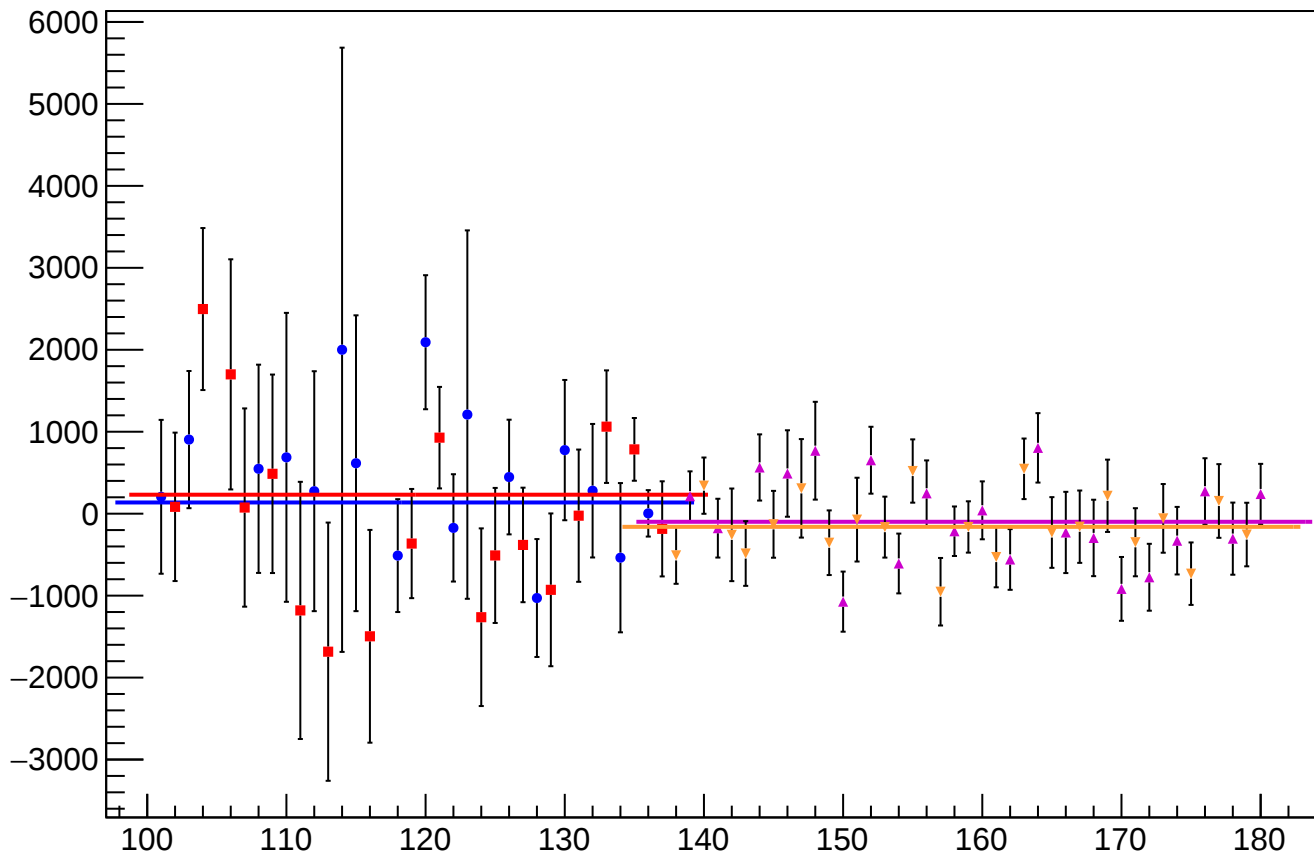
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 360.094+/-0.055 χ^2/NDF : 3139137.7/37

Out: 365.780+/-0.055 χ^2/NDF : 3142048.3/39

All: 362.922+/-0.039 χ^2/NDF : 6286557.9/77

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2/NDF : 12.6/16

Left Out: -160.642 $\pm$ 85.849 χ^2/NDF : 20.0/21

Right Out: 231.586 $\pm$ 184.578 χ^2/NDF : 21.8/17

Left In: -98.881 $\pm$ 85.747 χ^2/NDF : 36.3/20

Left: -129.725 $\pm$ 60.668 χ^2/NDF : 56.6/42

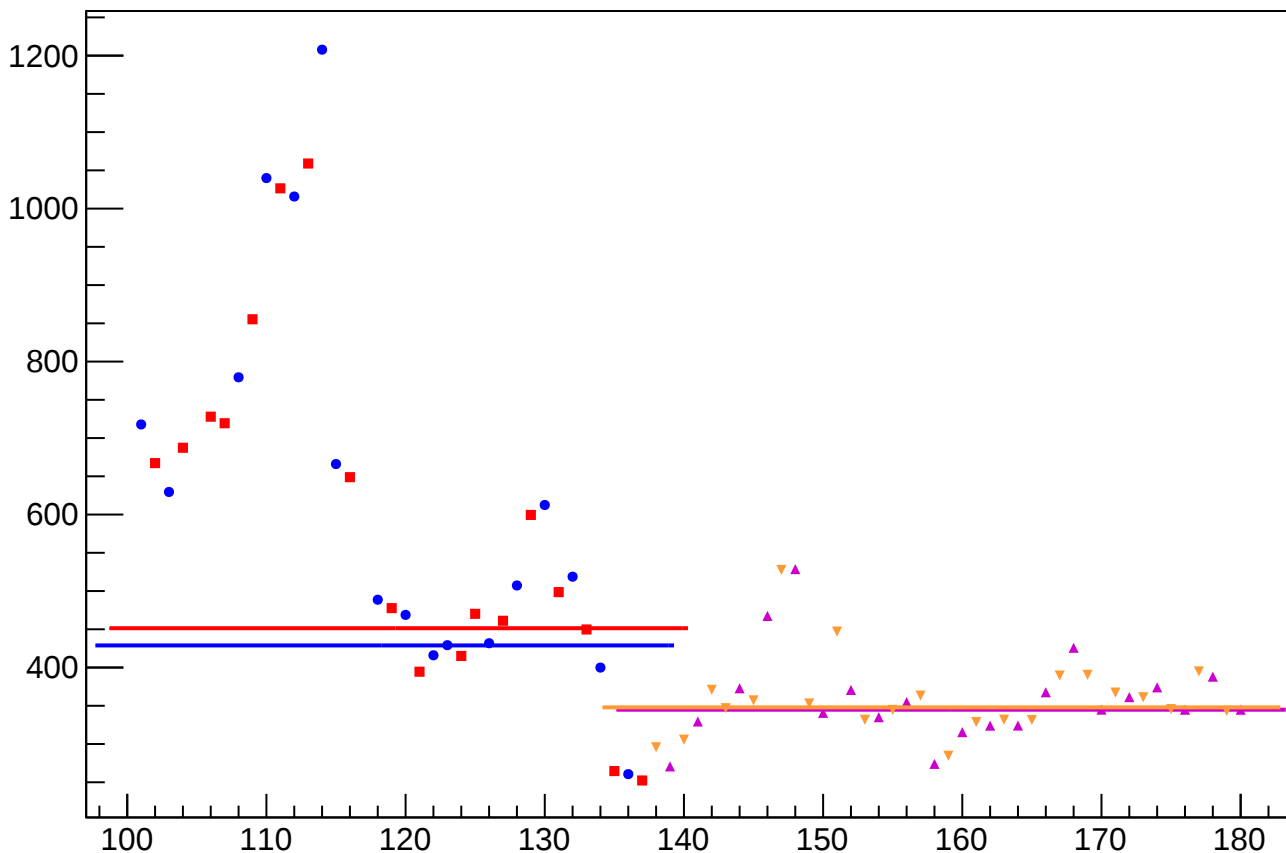
Right: 182.905 $\pm$ 128.724 χ^2/NDF : 34.5/34

In: -55.133 $\pm$ 77.381 χ^2/NDF : 50.4/37

Out: -90.884 $\pm$ 77.841 χ^2/NDF : 45.5/39

All: -72.903 $\pm$ 54.879 χ^2/NDF : 96.0/77

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 347.930+/-0.061 χ^2/NDF :499473.9/21

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 344.864+/-0.061 χ^2/NDF :673107.5/20

Left: 346.395+/-0.043 χ^2/NDF : 1173858.2/42

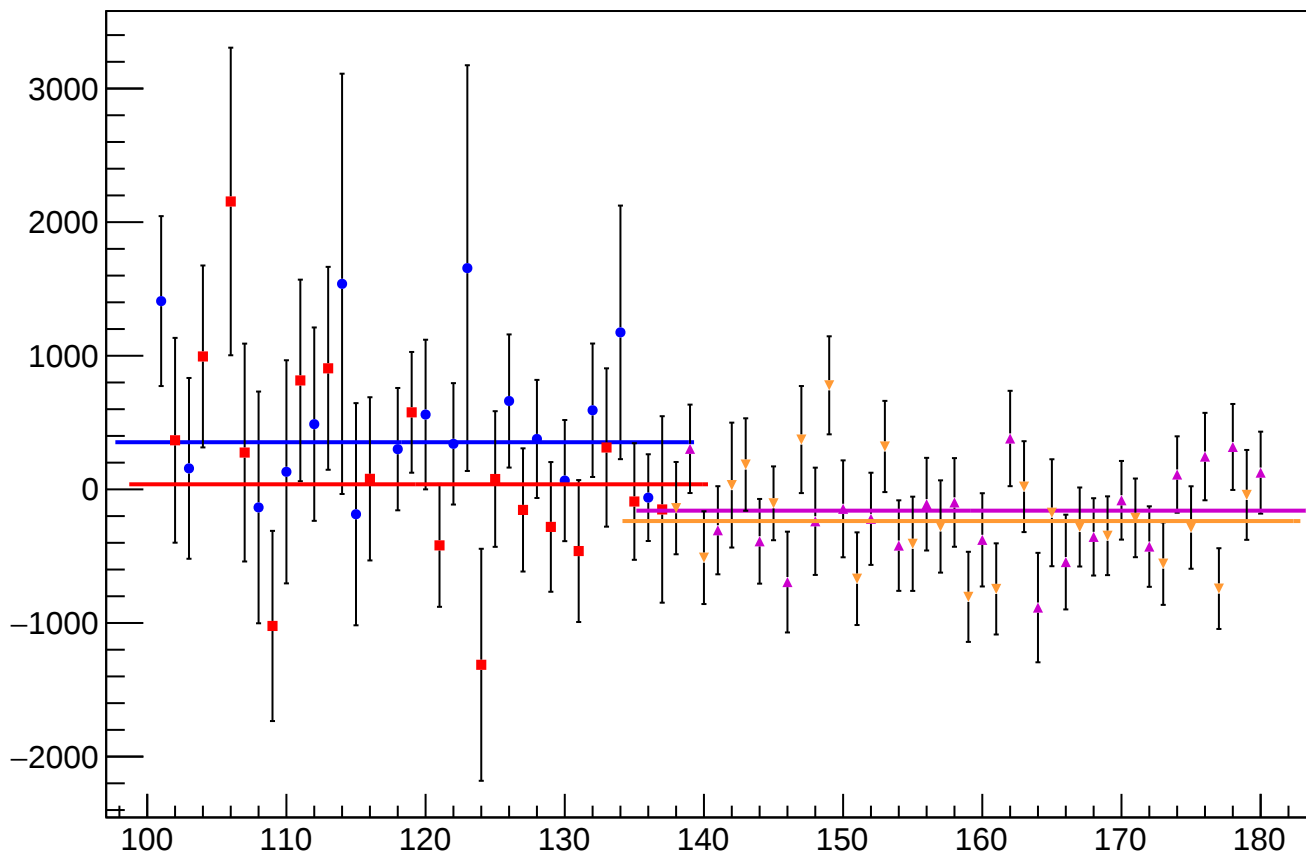
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.460+/-0.055 χ^2/NDF :3040172.7/37

Out: 366.334+/-0.055 χ^2/NDF :3047040.5/39

All: 363.380+/-0.039 χ^2/NDF : 6092940.8/77

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -237.186 $\pm$ 71.206 χ^2/NDF :27.2/21

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -159.326 $\pm$ 72.548 χ^2/NDF :19.2/20

Left: -198.983 $\pm$ 50.818 χ^2/NDF : 47.0/42

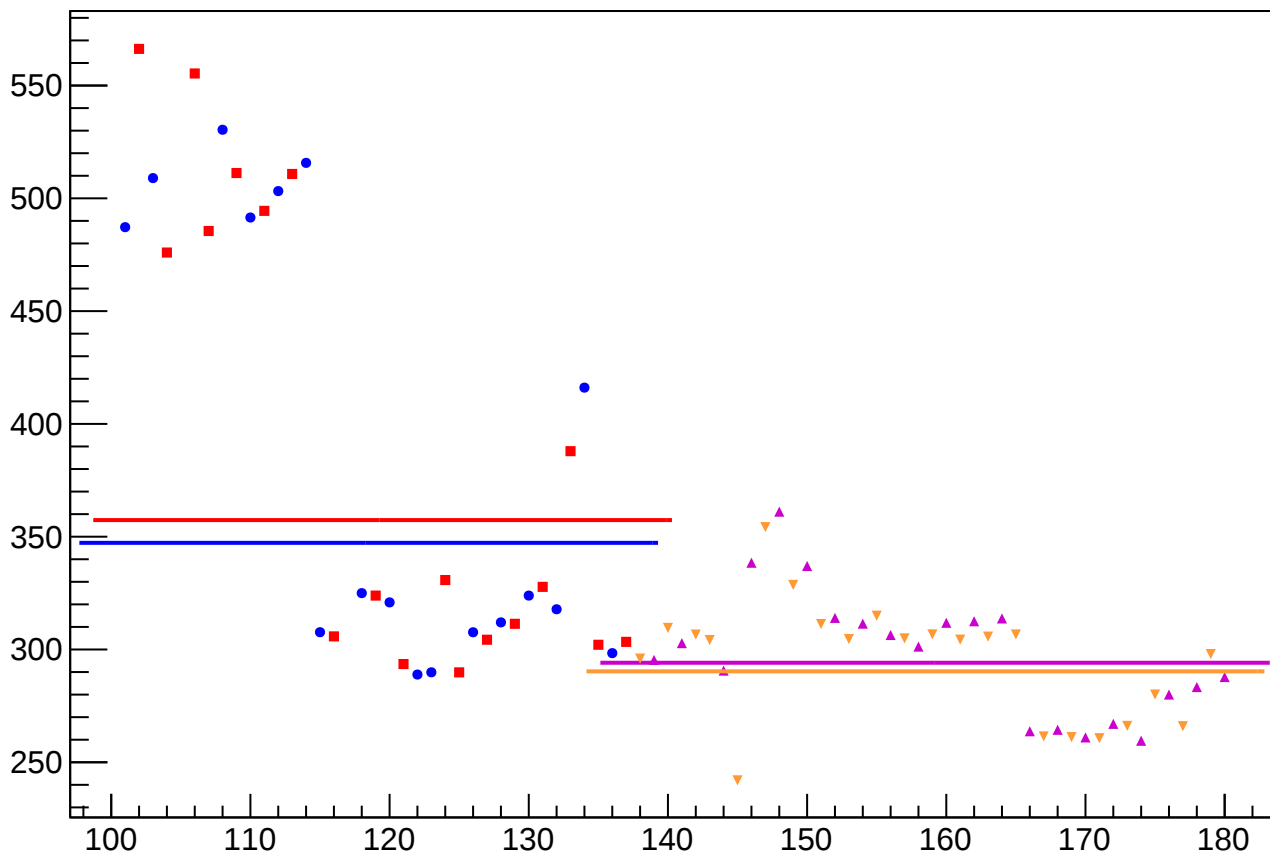
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -47.519 $\pm$ 64.144 χ^2/NDF :38.6/37

Out: -180.001 $\pm$ 63.377 χ^2/NDF :47.3/39

All: -114.557 $\pm$ 45.083 χ^2/NDF : 88.1/77

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.302 $\pm$ 0.050 χ^2 /NDF: 273374.3/21

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 294.123 $\pm$ 0.051 χ^2 /NDF: 256650.7/20

Left: 292.177 $\pm$ 0.036 χ^2 /NDF: 532850.3/42

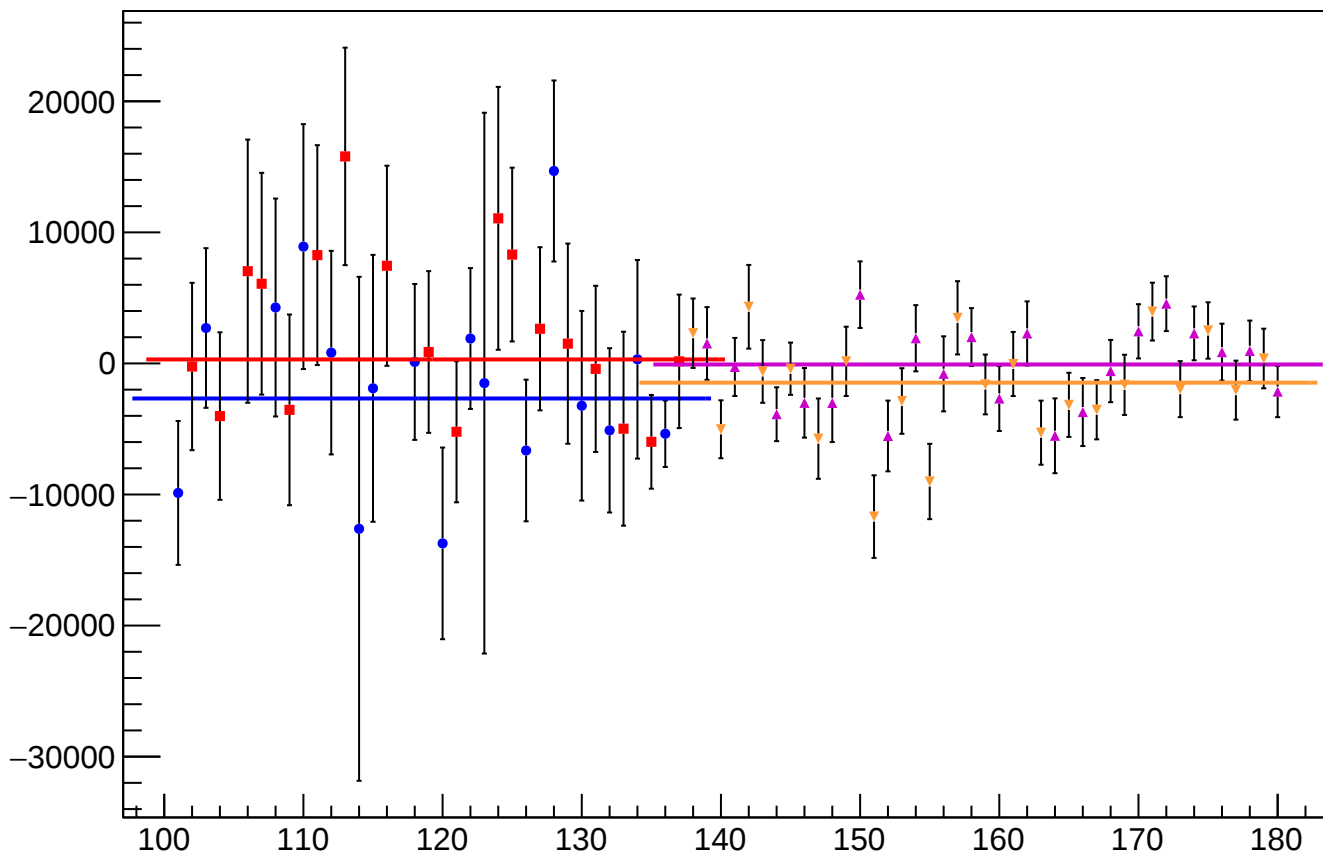
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 305.725 $\pm$ 0.045 χ^2 /NDF: 1109917.6/37

Out: 304.239 $\pm$ 0.045 χ^2 /NDF: 1401987.1/39

All: 304.973 $\pm$ 0.032 χ^2 /NDF: 2512447.9/77

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1466.777 $\pm$ 517.017 χ^2 /NDF:45.8/21

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -79.525 $\pm$ 517.096 χ^2 /NDF:32.9/20

Left: -773.257 $\pm$ 365.614 χ^2 /NDF: 82.4/42

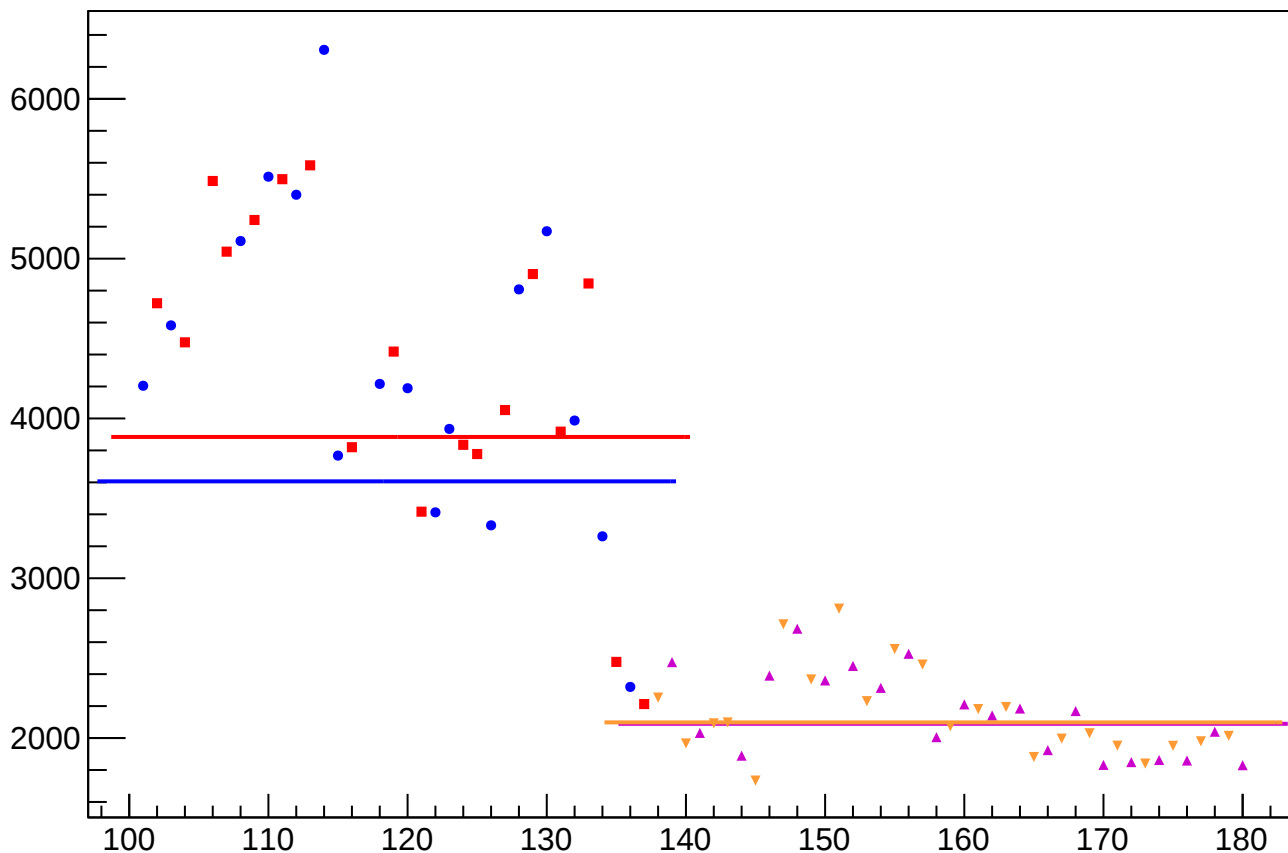
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -370.051 $\pm$ 487.285 χ^2 /NDF:52.5/37

Out: -1282.594 $\pm$ 489.404 χ^2 /NDF:61.4/39

All: -824.342 $\pm$ 345.309 χ^2 /NDF: 115.7/77

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2098.038+/-0.366 χ^2/NDF : 456461.4/21

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2089.078+/-0.366 χ^2/NDF : 447050.9/20

Left: 2093.558+/-0.259 χ^2/NDF : 903812.6/42

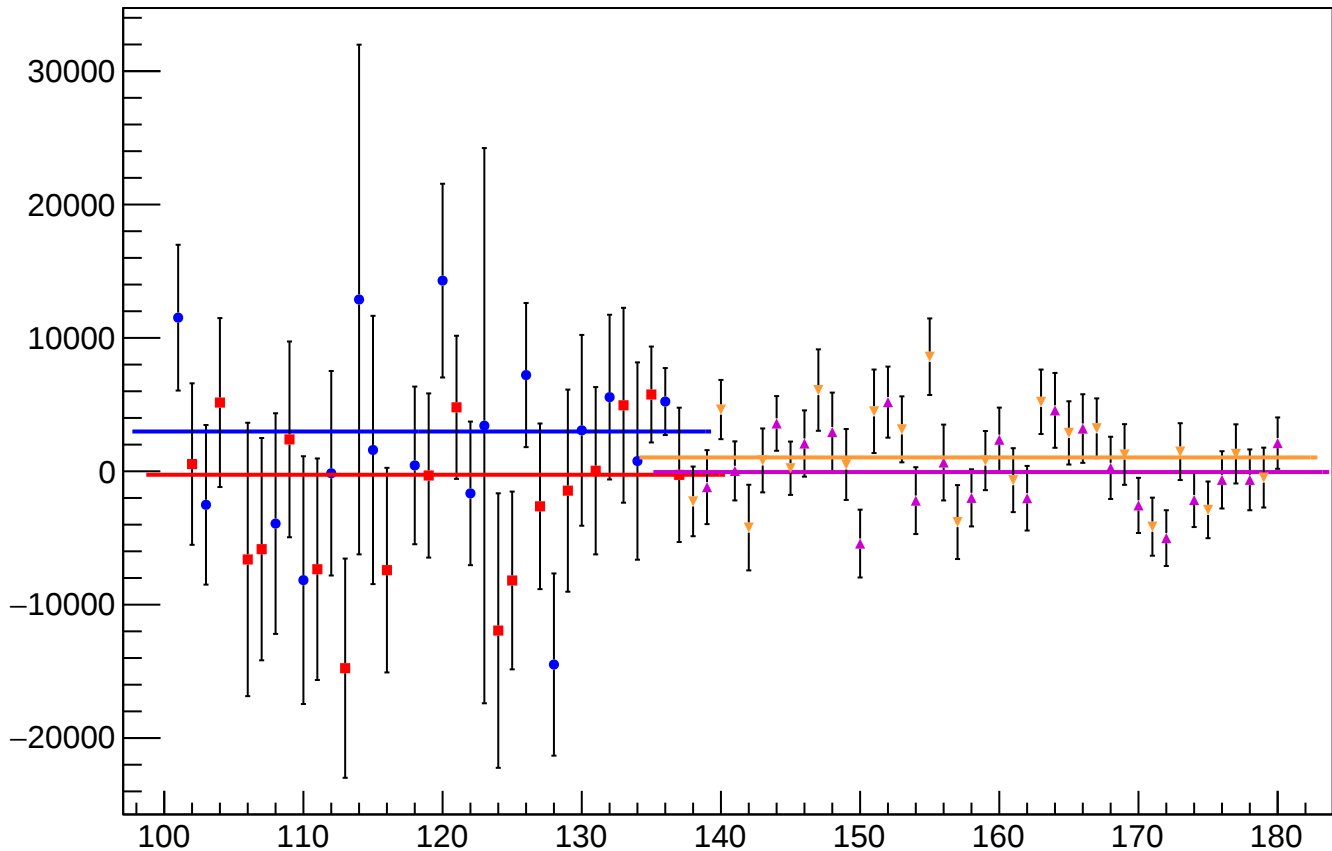
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2258.979+/-0.345 χ^2/NDF : 3467764.7/37

Out: 2283.736+/-0.346 χ^2/NDF : 3932740.3/39

All: 2271.304+/-0.244 χ^2/NDF : 7403075.0/77

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1039.519+/-512.303 χ^2/NDF : 36.4/21

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: -56.895+/-510.736 χ^2/NDF : 30.6/20

Left: 489.633+/-361.698 χ^2/NDF : 69.3/42

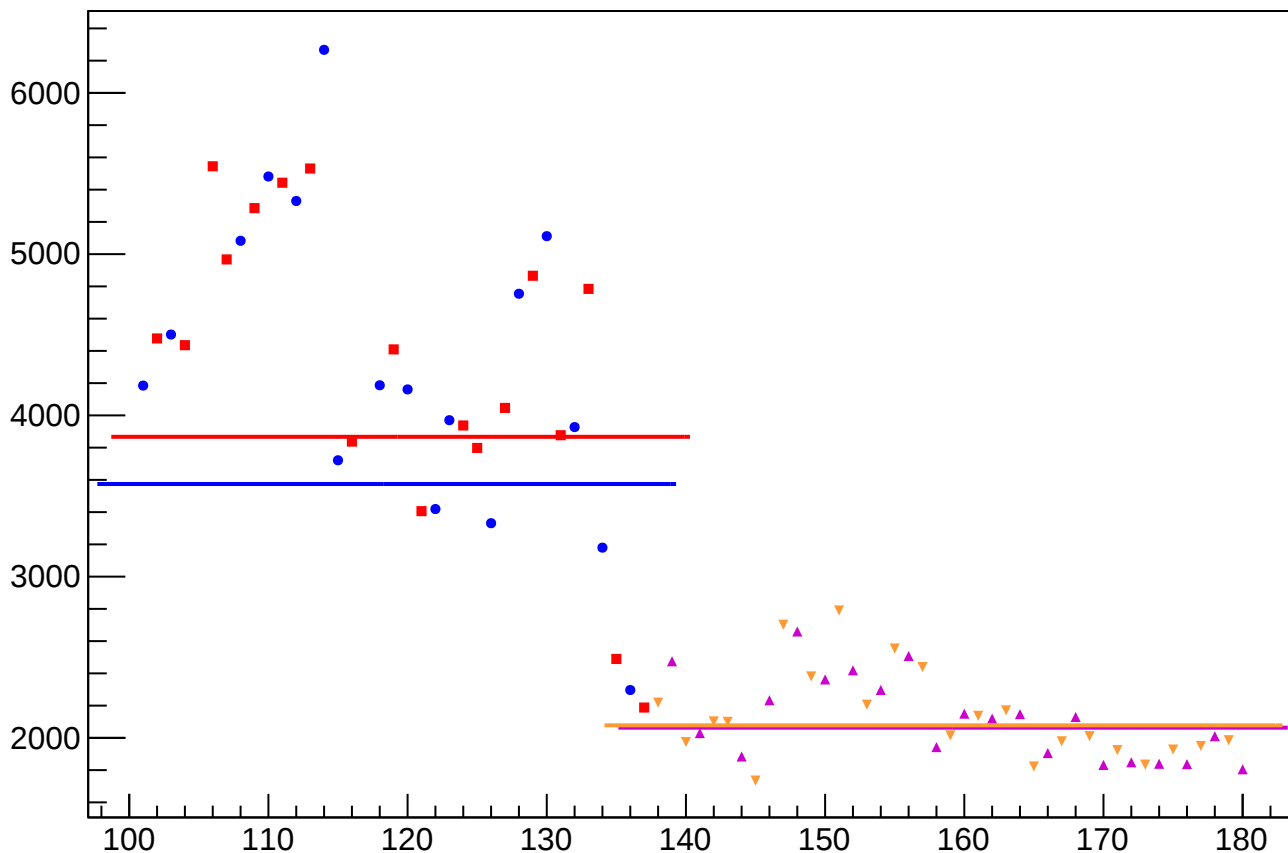
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 281.335+/-481.492 χ^2/NDF : 52.0/37

Out: 905.460+/-485.153 χ^2/NDF : 50.6/39

All: 591.033+/-341.753 χ^2/NDF : 103.4/77

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362+/-1.021 χ^2/NDF : 1091350.4/16

Left Out: 2077.746+/-0.362 χ^2/NDF : 467457.8/21

Right Out: 3867.232+/-1.068 χ^2/NDF : 968137.9/17

Left In: 2063.178+/-0.361 χ^2/NDF : 430603.5/20

Left: 2070.440+/-0.256 χ^2/NDF : 898872.3/42

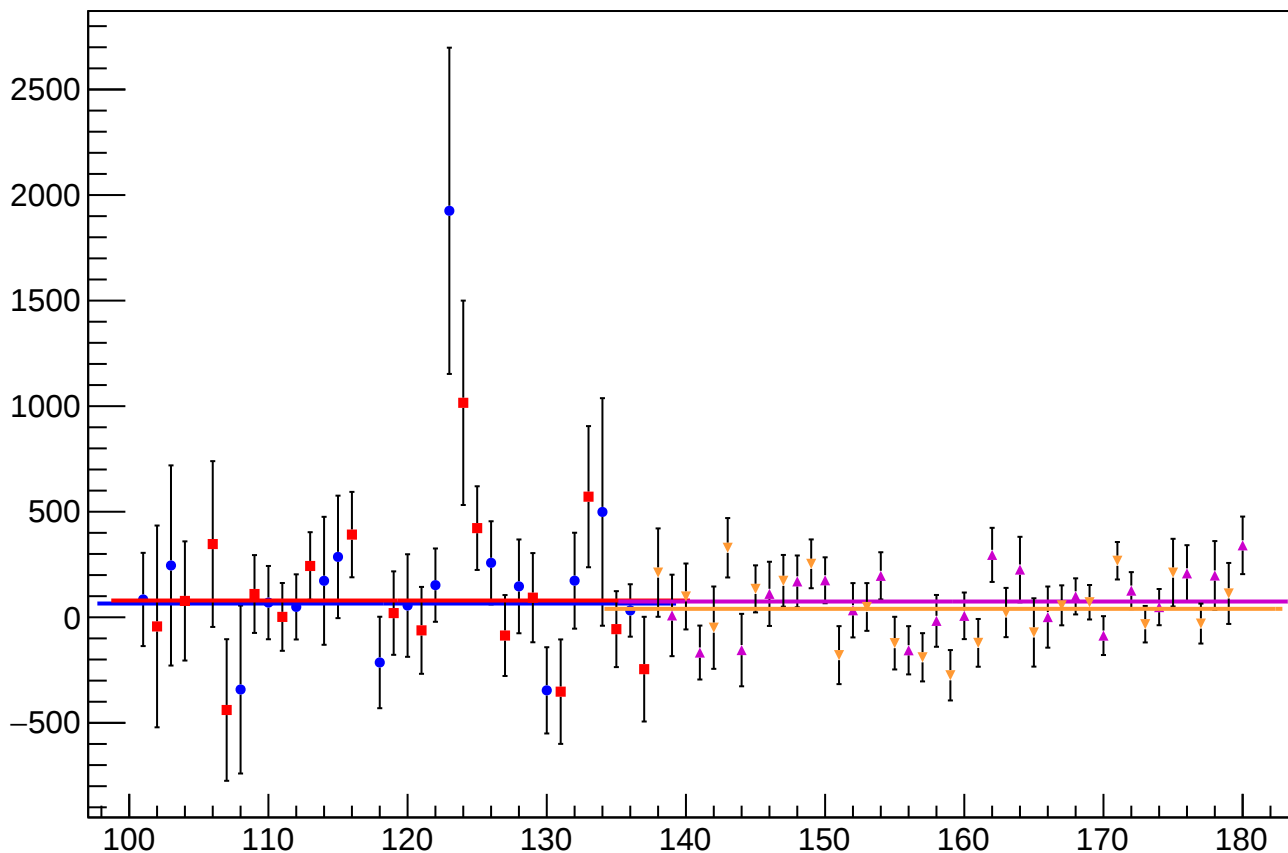
Right: 3714.186+/-0.738 χ^2/NDF : 2098786.6/34

In: 2231.284+/-0.340 χ^2/NDF : 3469720.8/37

Out: 2262.389+/-0.343 χ^2/NDF : 3953497.9/39

All: 2246.719+/-0.242 χ^2/NDF : 7427360.5/77

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 40.000 $\pm$ 24.876 χ^2 /NDF: 37.7/21

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 74.690 $\pm$ 25.817 χ^2 /NDF: 26.5/20

Left: 56.702 $\pm$ 17.913 χ^2 /NDF: 65.1/42

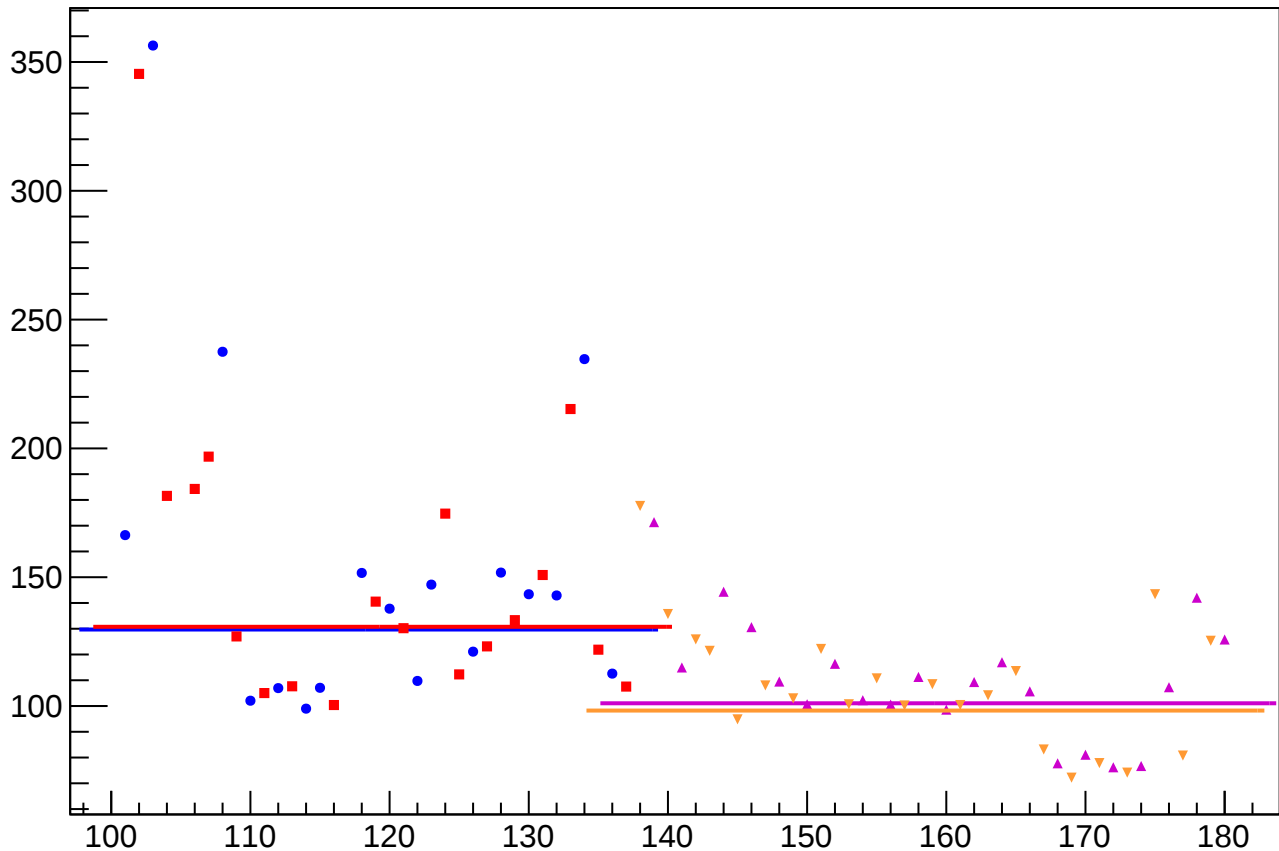
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 72.858 $\pm$ 23.184 χ^2 /NDF: 42.2/37

Out: 47.273 $\pm$ 22.468 χ^2 /NDF: 60.4/39

All: 59.664 $\pm$ 16.135 χ^2 /NDF: 103.2/77

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2/NDF : 989682.4/16

Left Out: 98.239 $\pm$ 0.018 χ^2/NDF :1449485.9/21

Right Out: 130.751 $\pm$ 0.037 χ^2/NDF : 927534.3/17

Left In: 101.064 $\pm$ 0.018 χ^2/NDF :1337894.1/20

Left: 99.599 $\pm$ 0.013 χ^2/NDF : 2799797.4/42

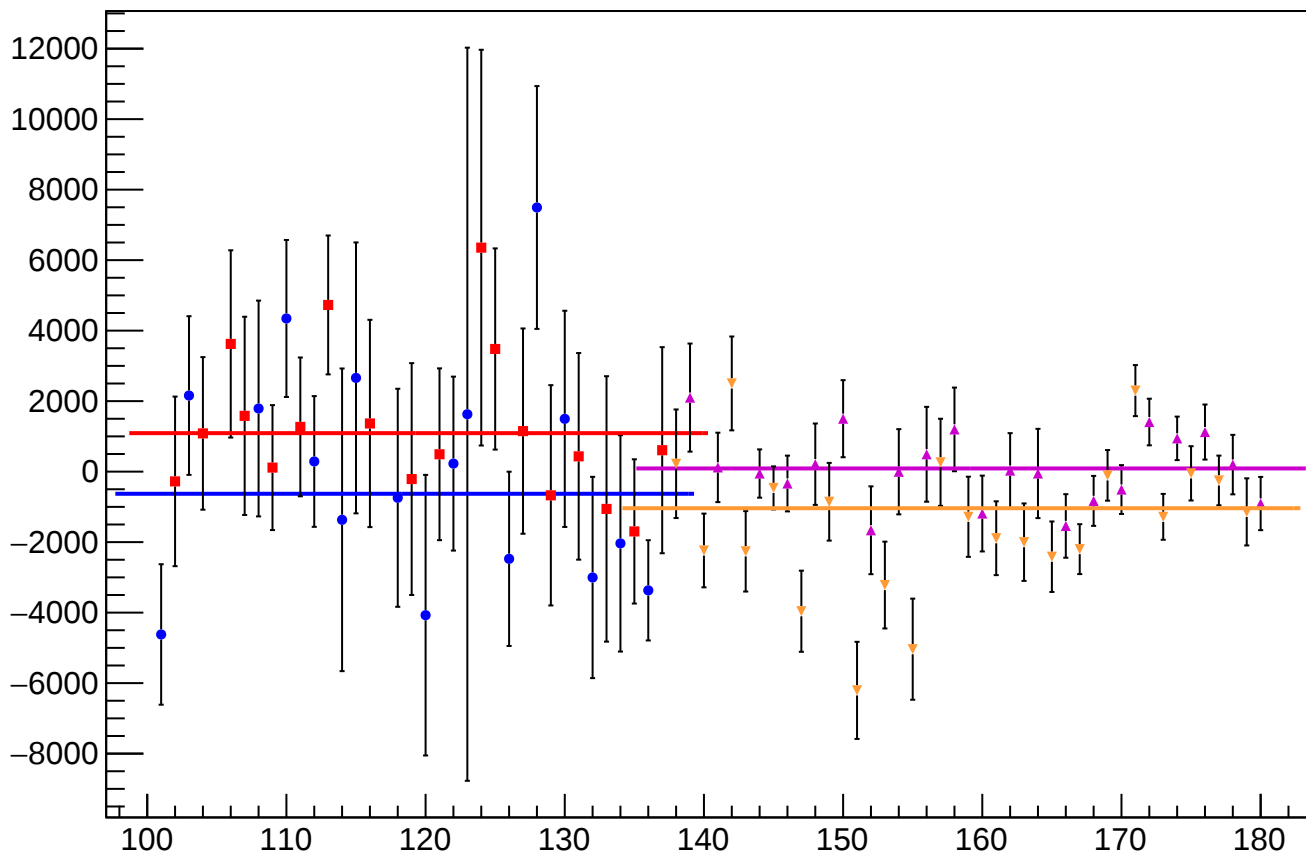
Right: 130.228 $\pm$ 0.026 χ^2/NDF : 1917619.9/34

In: 106.605 $\pm$ 0.016 χ^2/NDF :2803699.4/37

Out: 104.229 $\pm$ 0.016 χ^2/NDF :3006469.1/39

All: 105.380 $\pm$ 0.011 χ^2/NDF : 5821000.4/77

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 $\pm$ 621.486 χ^2/NDF : 24.3/16

Left Out: -1037.753 $\pm$ 196.982 χ^2/NDF : 75.7/21

Right Out: 1091.945 $\pm$ 599.483 χ^2/NDF : 9.4/17

Left In: 90.251 $\pm$ 193.333 χ^2/NDF : 23.2/20

Left: -463.207 $\pm$ 137.979 χ^2/NDF : 115.6/42

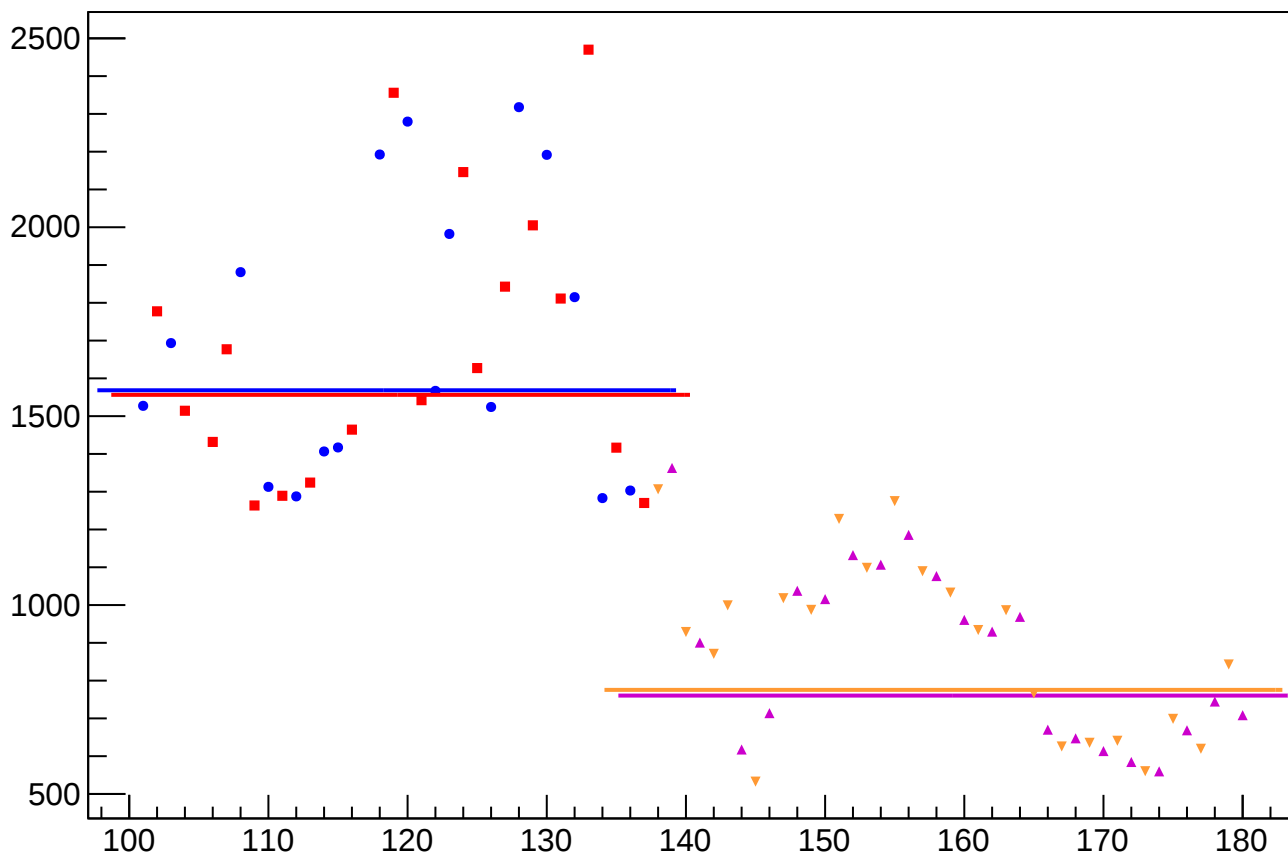
Right: 262.874 $\pm$ 431.468 χ^2/NDF : 37.6/34

In: 26.861 $\pm$ 184.607 χ^2/NDF : 48.7/37

Out: -830.218 $\pm$ 187.138 χ^2/NDF : 96.4/39

All: -395.843 $\pm$ 131.423 χ^2/NDF : 155.8/77

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 775.487 $\pm$ 0.139 χ^2 /NDF: 2375086.4/21

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 760.380 $\pm$ 0.137 χ^2 /NDF: 2077845.3/20

Left: 767.792 $\pm$ 0.098 χ^2 /NDF: 4458923.1/42

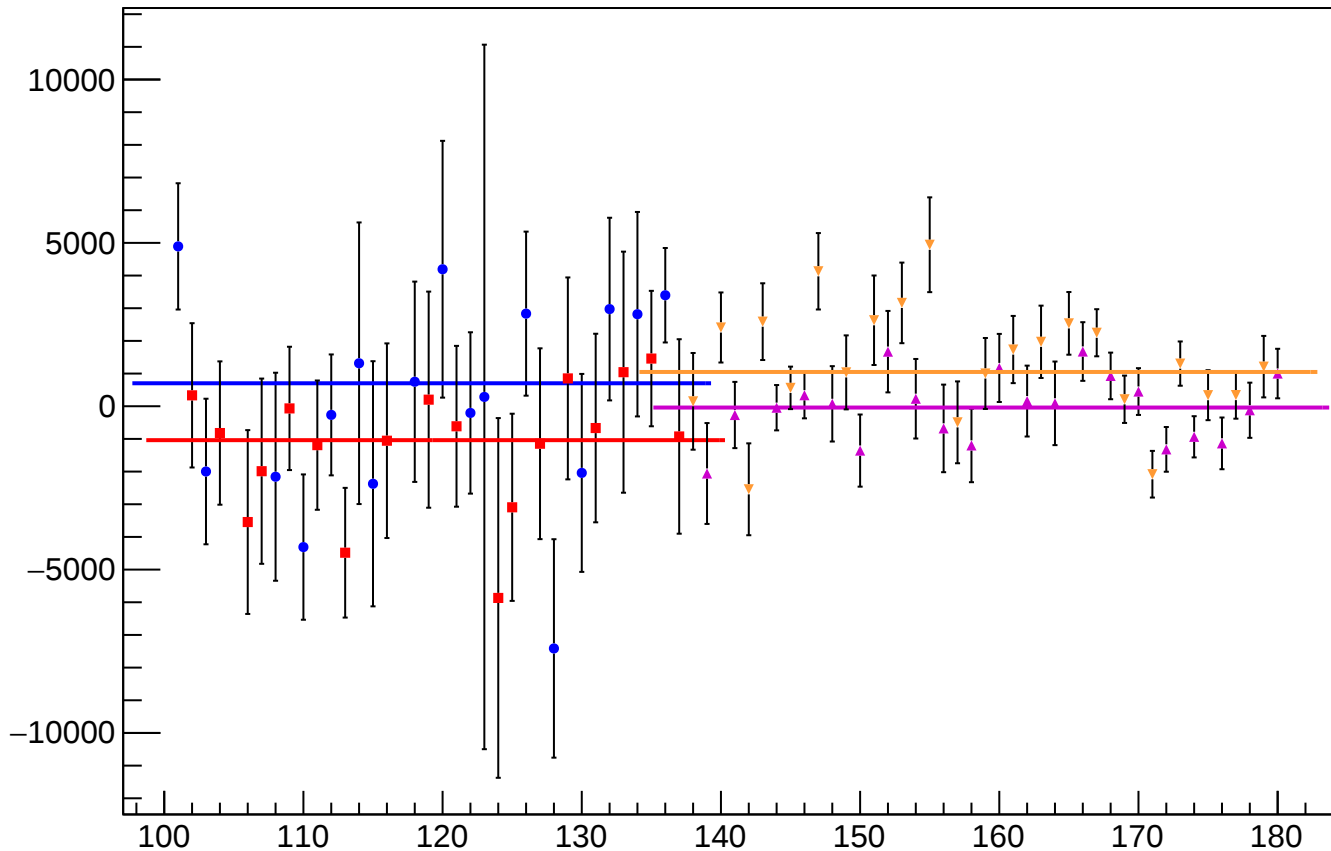
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 831.682 $\pm$ 0.131 χ^2 /NDF: 5695092.4/37

Out: 851.587 $\pm$ 0.132 χ^2 /NDF: 5948774.9/39

All: 841.499 $\pm$ 0.093 χ^2 /NDF: 11655335.9/77

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1049.113+/-199.397 χ^2/NDF : 59.6/21

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -40.030+/-193.778 χ^2/NDF : 23.4/20

Left: 488.981+/-138.966 χ^2/NDF : 98.3/42

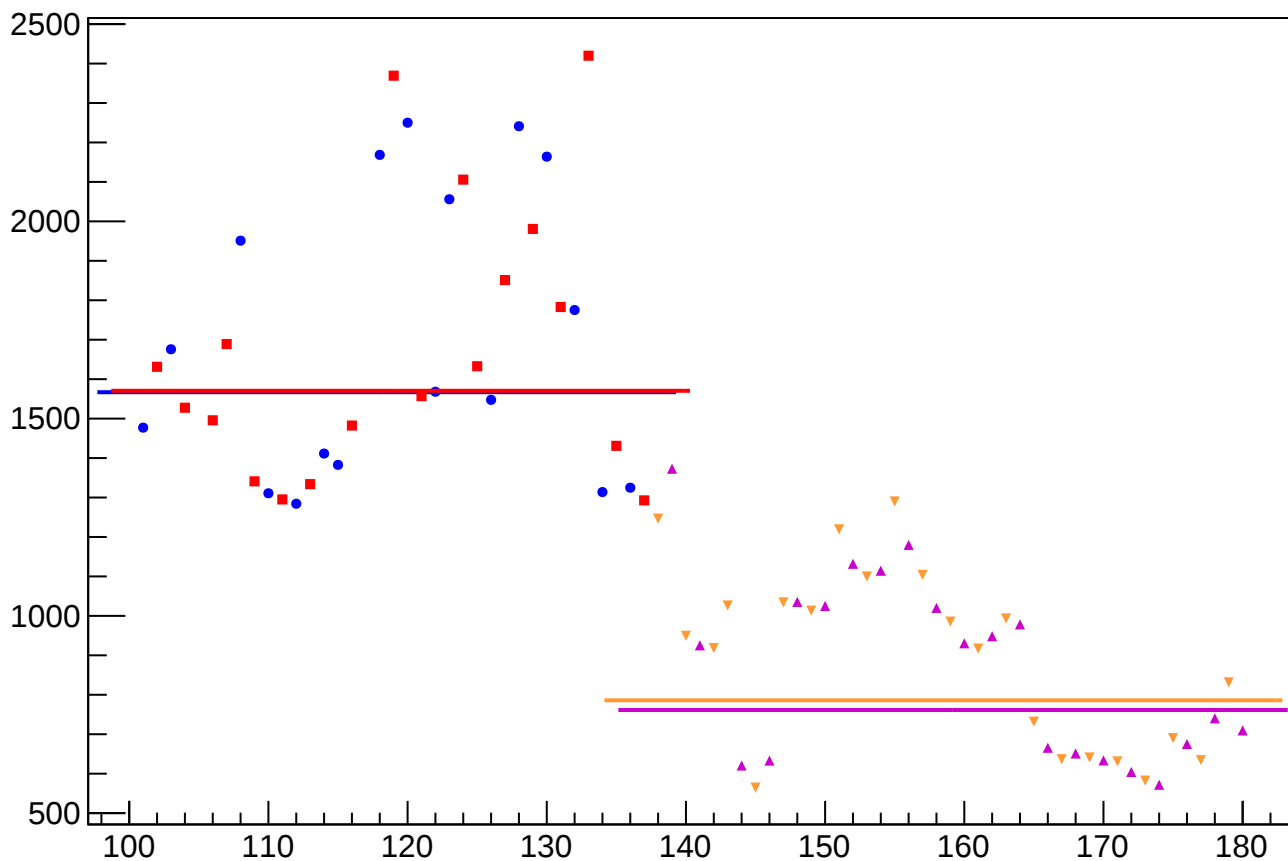
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 25.978+/-184.971 χ^2/NDF : 50.7/37

Out: 844.116+/-189.353 χ^2/NDF : 78.5/39

All: 425.472+/-132.317 χ^2/NDF : 138.7/77

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 785.939 $\pm$ 0.141 χ^2 /NDF: 2184962.2/21

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 761.349 $\pm$ 0.137 χ^2 /NDF: 2010593.7/20

Left: 773.292 $\pm$ 0.098 χ^2 /NDF: 4211199.3/42

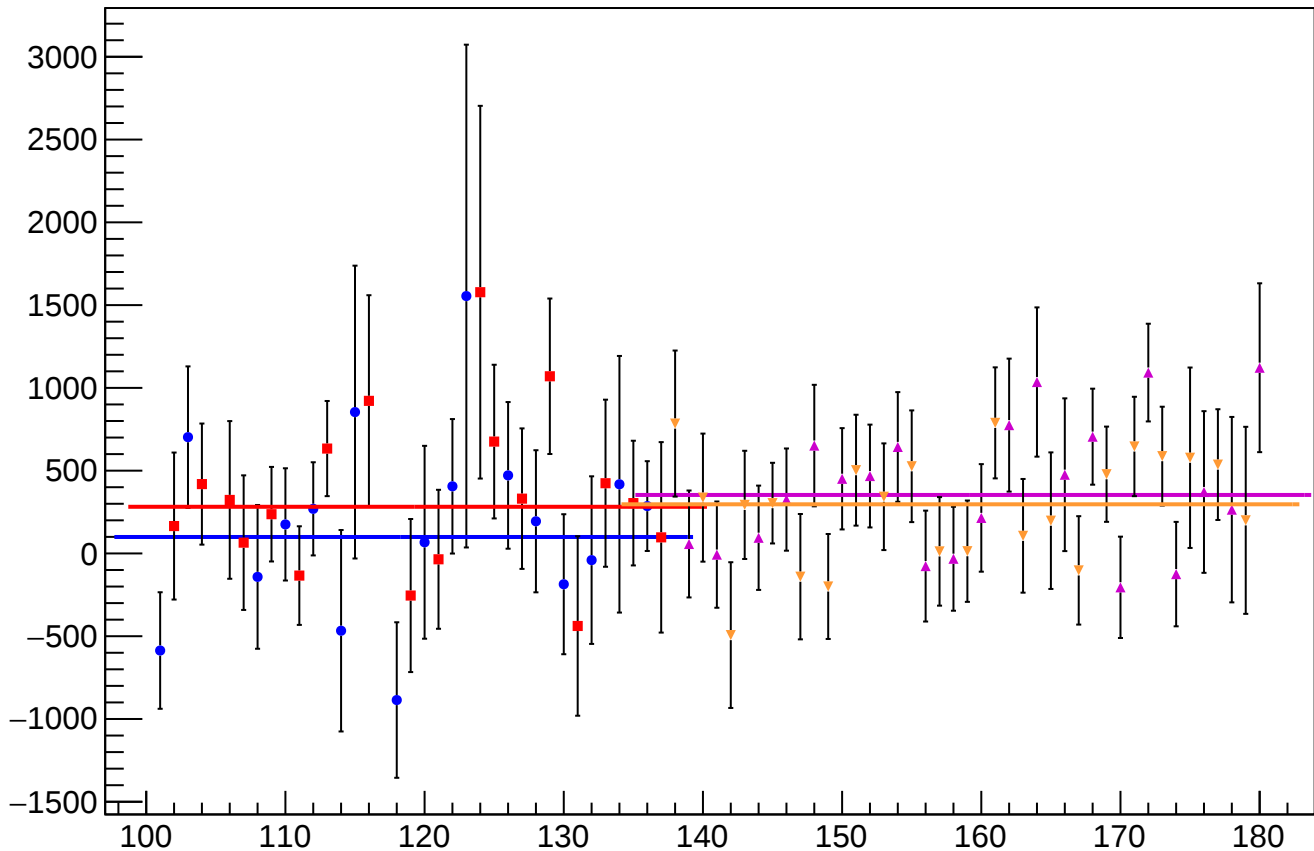
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 832.909 $\pm$ 0.131 χ^2 /NDF: 5580917.9/37

Out: 862.988 $\pm$ 0.134 χ^2 /NDF: 5665208.9/39

All: 847.596 $\pm$ 0.094 χ^2 /NDF: 11271950.7/77

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 296.824 $\pm$ 72.573 χ^2 /NDF: 18.2/21

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 353.269 $\pm$ 75.134 χ^2 /NDF: 26.9/20

Left: 324.068 $\pm$ 52.199 χ^2 /NDF: 45.4/42

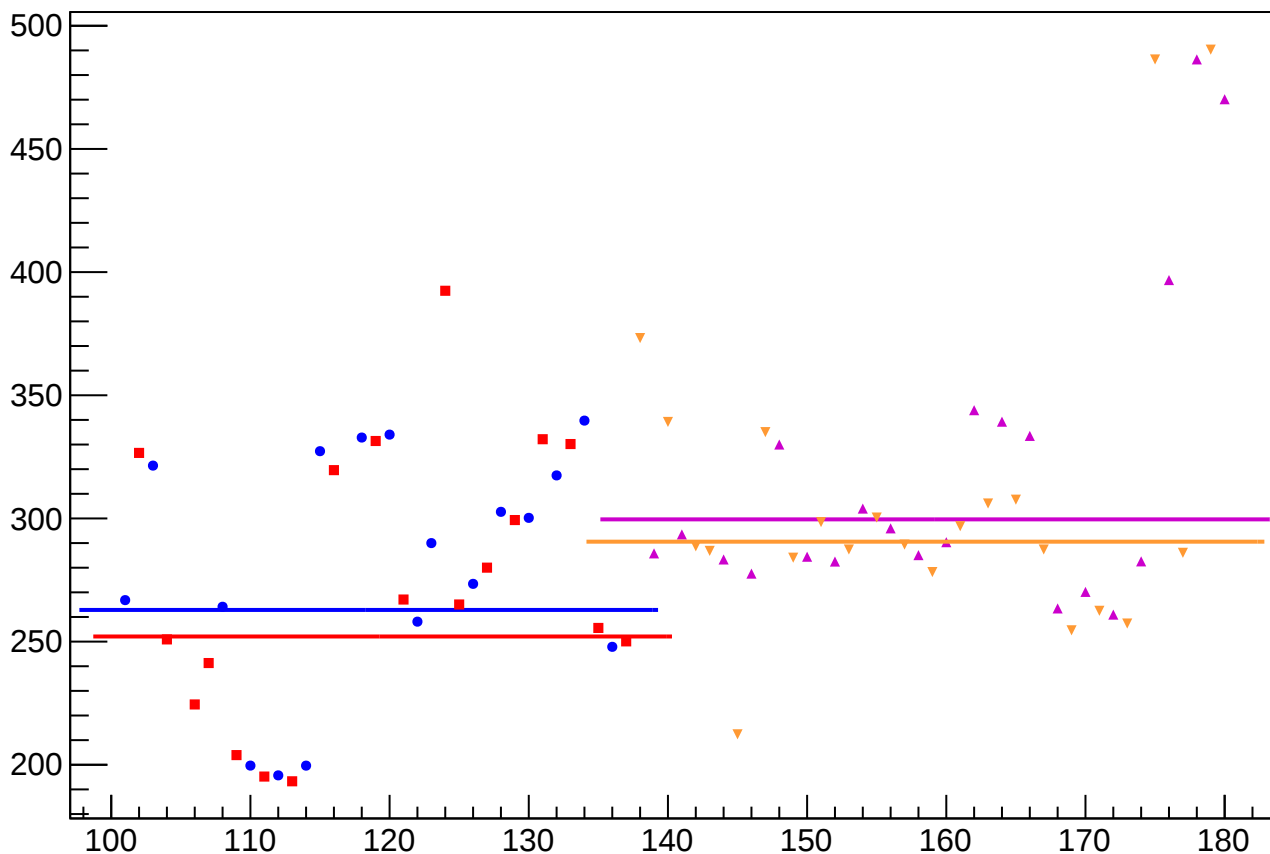
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 265.612 $\pm$ 60.795 χ^2 /NDF: 46.8/37

Out: 291.505 $\pm$ 58.297 χ^2 /NDF: 32.0/39

All: 279.101 $\pm$ 42.077 χ^2 /NDF: 78.8/77

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 290.569+/-0.051 χ^2/NDF : 933367.9/21

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 299.624+/-0.053 χ^2/NDF : 716625.1/20

Left: 294.940+/-0.037 χ^2/NDF : 1665019.0/42

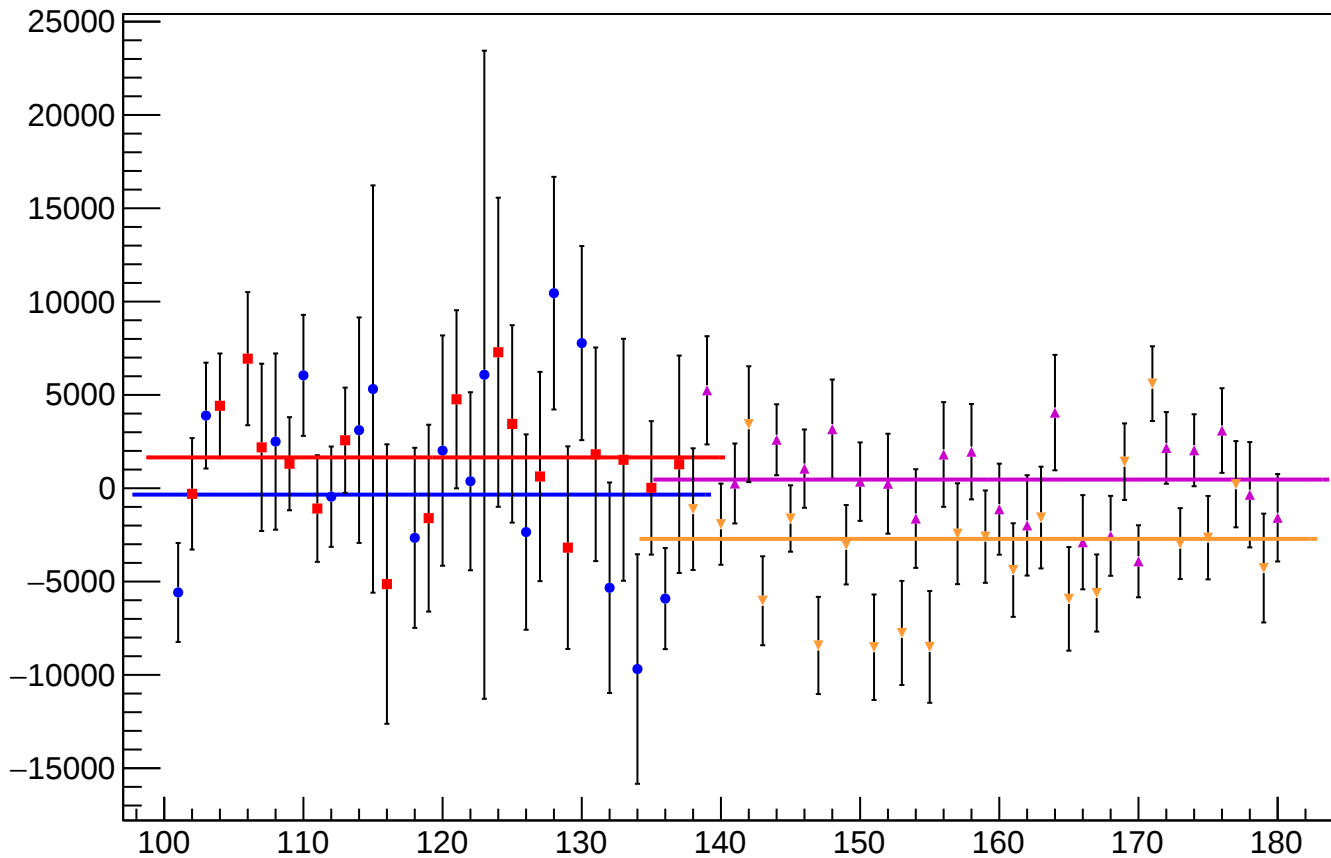
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 286.929+/-0.043 χ^2/NDF : 1293688.6/37

Out: 276.916+/-0.041 χ^2/NDF : 1648080.8/39

All: 281.713+/-0.030 χ^2/NDF : 2970035.8/77

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2713.765+/-508.772 χ^2/NDF : 49.8/21

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 464.446+/-508.443 χ^2/NDF : 21.4/20

Left: -1123.629+/-359.640 χ^2/NDF : 90.8/42

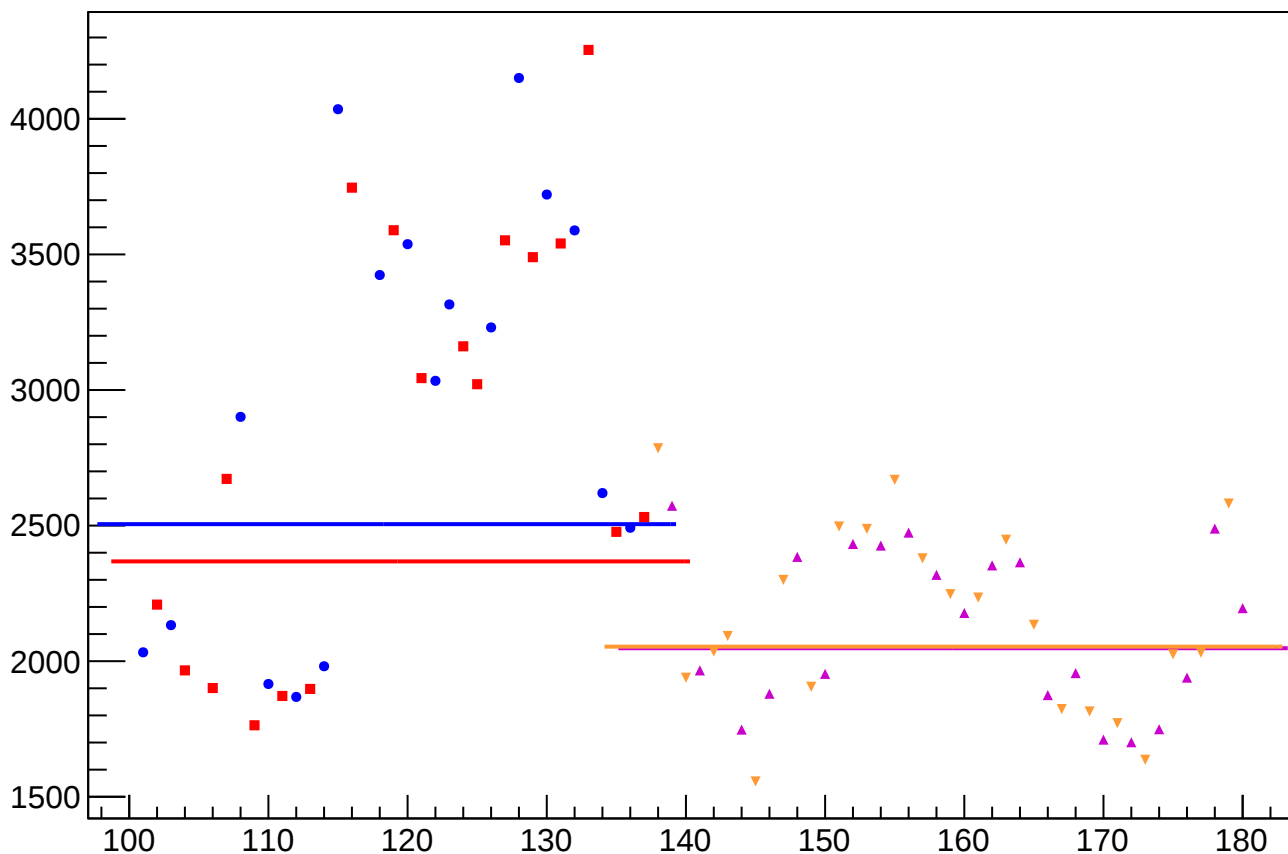
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 300.100+/-453.653 χ^2/NDF : 46.4/37

Out: -1707.909+/-446.330 χ^2/NDF : 74.8/39

All: -720.242+/-318.161 χ^2/NDF : 131.1/77

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2053.654+/-0.360 χ^2/NDF : 822290.4/21

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2047.763+/-0.360 χ^2/NDF : 619188.0/20

Left: 2050.707+/-0.254 χ^2/NDF : 1441612.6/42

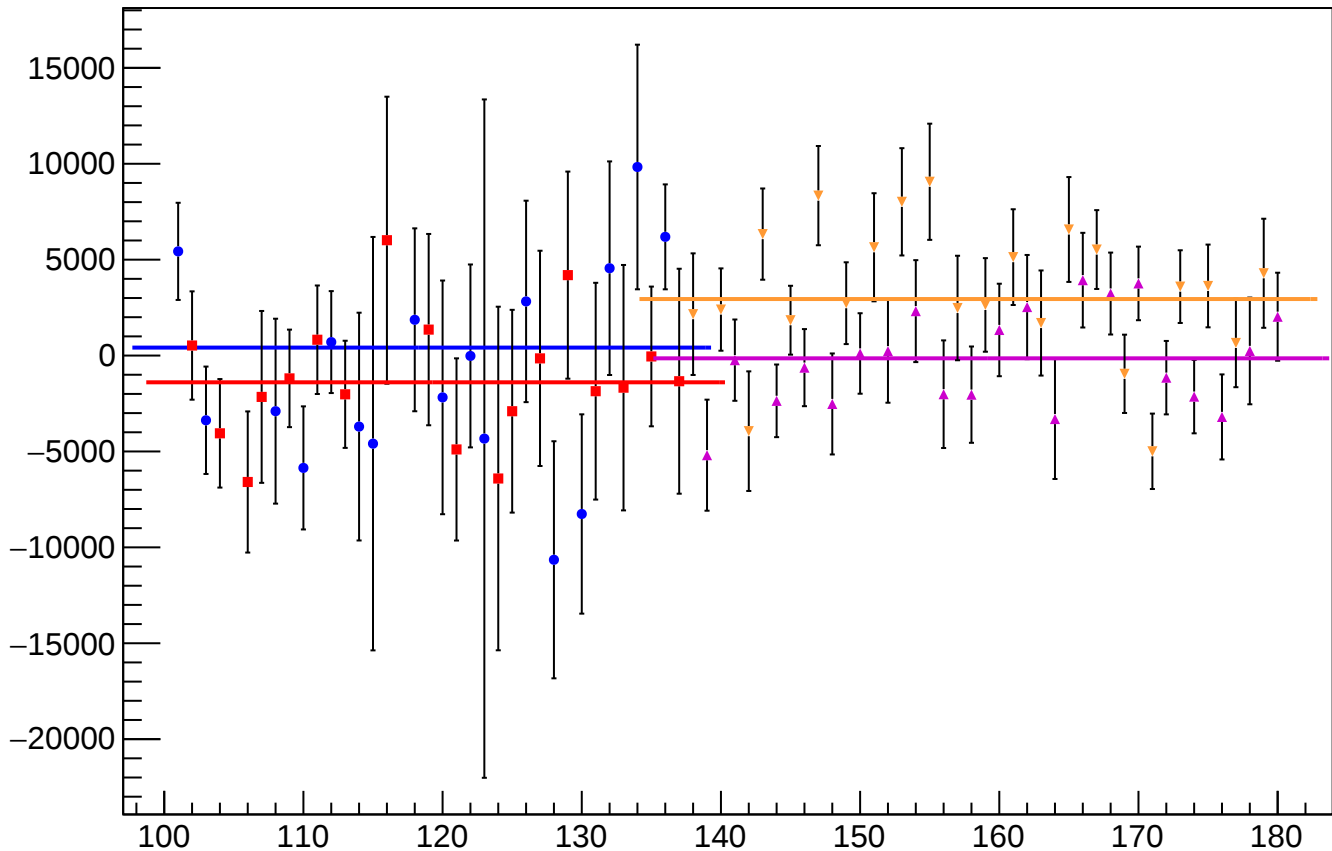
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2141.064+/-0.321 χ^2/NDF : 1813604.1/37

Out: 2126.079+/-0.316 χ^2/NDF : 2029079.1/39

All: 2133.450+/-0.225 χ^2/NDF : 3843792.0/77

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2947.285 $\pm$ 505.788 χ^2 /NDF:45.8/21

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -144.450 $\pm$ 503.897 χ^2 /NDF:23.1/20

Left: 1395.625 $\pm$ 356.976 χ^2 /NDF: 87.6/42

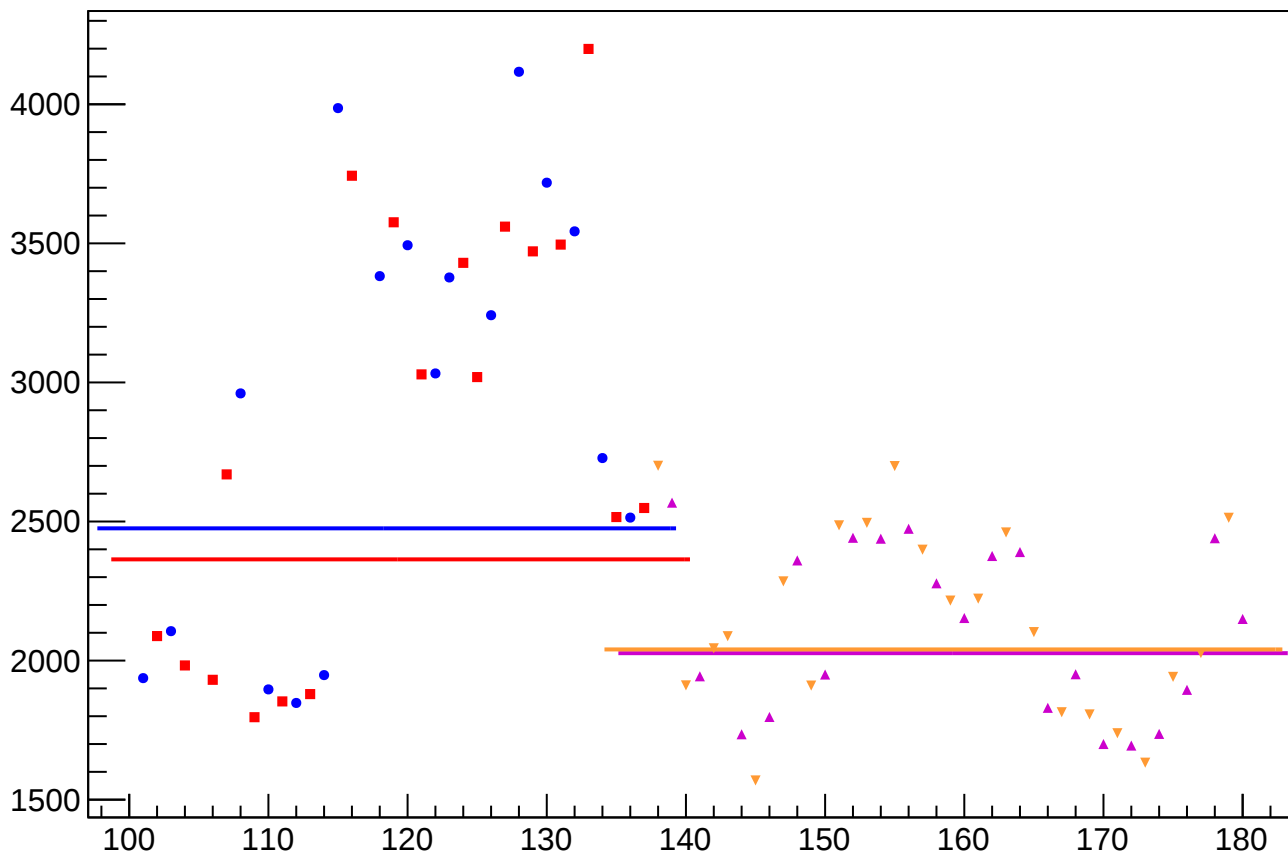
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -30.127 $\pm$ 449.529 χ^2 /NDF:47.9/37

Out: 1954.517 $\pm$ 444.218 χ^2 /NDF:70.2/39

All: 973.989 $\pm$ 315.970 χ^2 /NDF: 127.9/77

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2040.118+/-0.358 χ^2/NDF : 808740.8/21

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2026.665+/-0.356 χ^2/NDF : 649467.5/20

Left: 2033.366+/-0.252 χ^2/NDF : 1458918.4/42

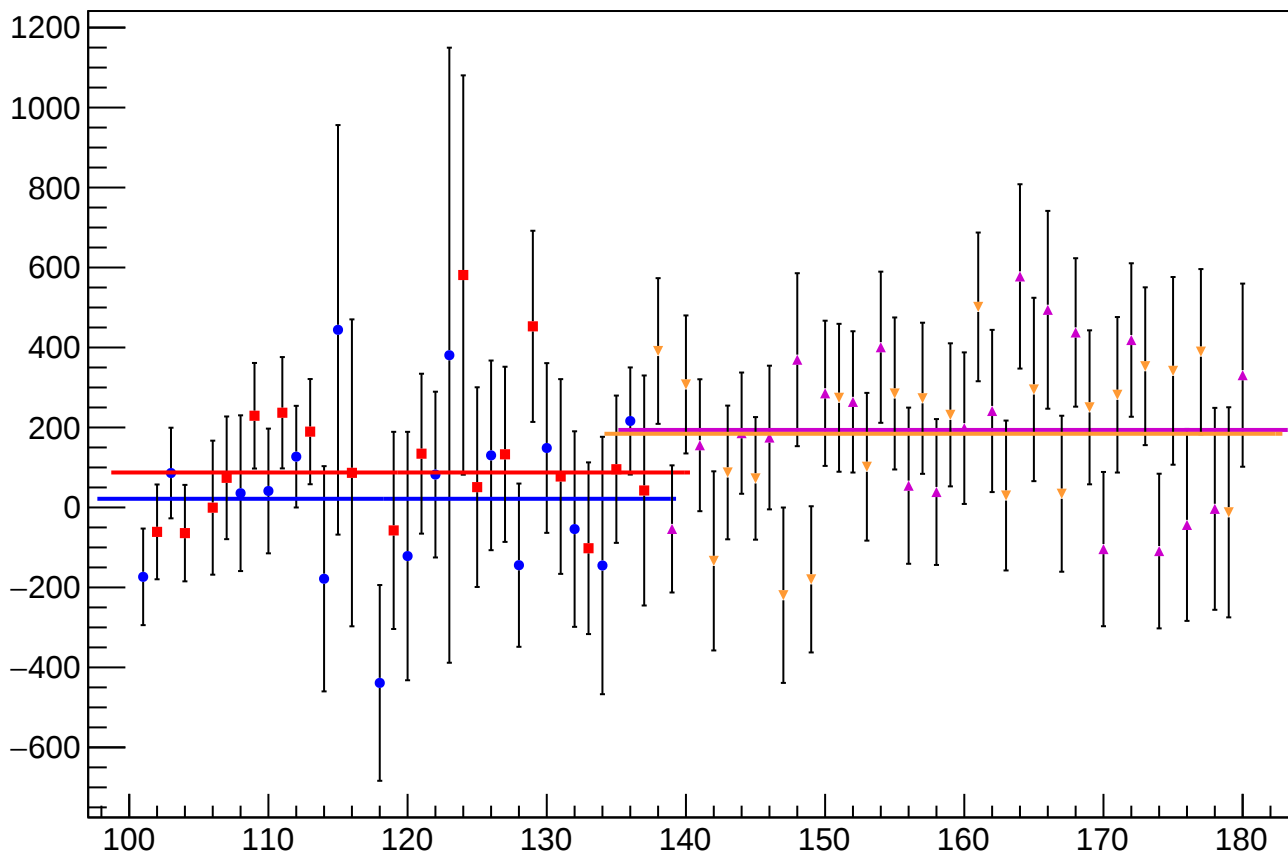
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2118.280+/-0.318 χ^2/NDF : 1886387.8/37

Out: 2114.151+/-0.314 χ^2/NDF : 2023020.9/39

All: 2116.191+/-0.223 χ^2/NDF : 3909494.1/77

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 184.240 $\pm$ 40.958 χ^2 /NDF:20.6/21

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 193.826 $\pm$ 41.956 χ^2 /NDF:20.2/20

Left: 188.917 $\pm$ 29.308 χ^2 /NDF: 40.8/42

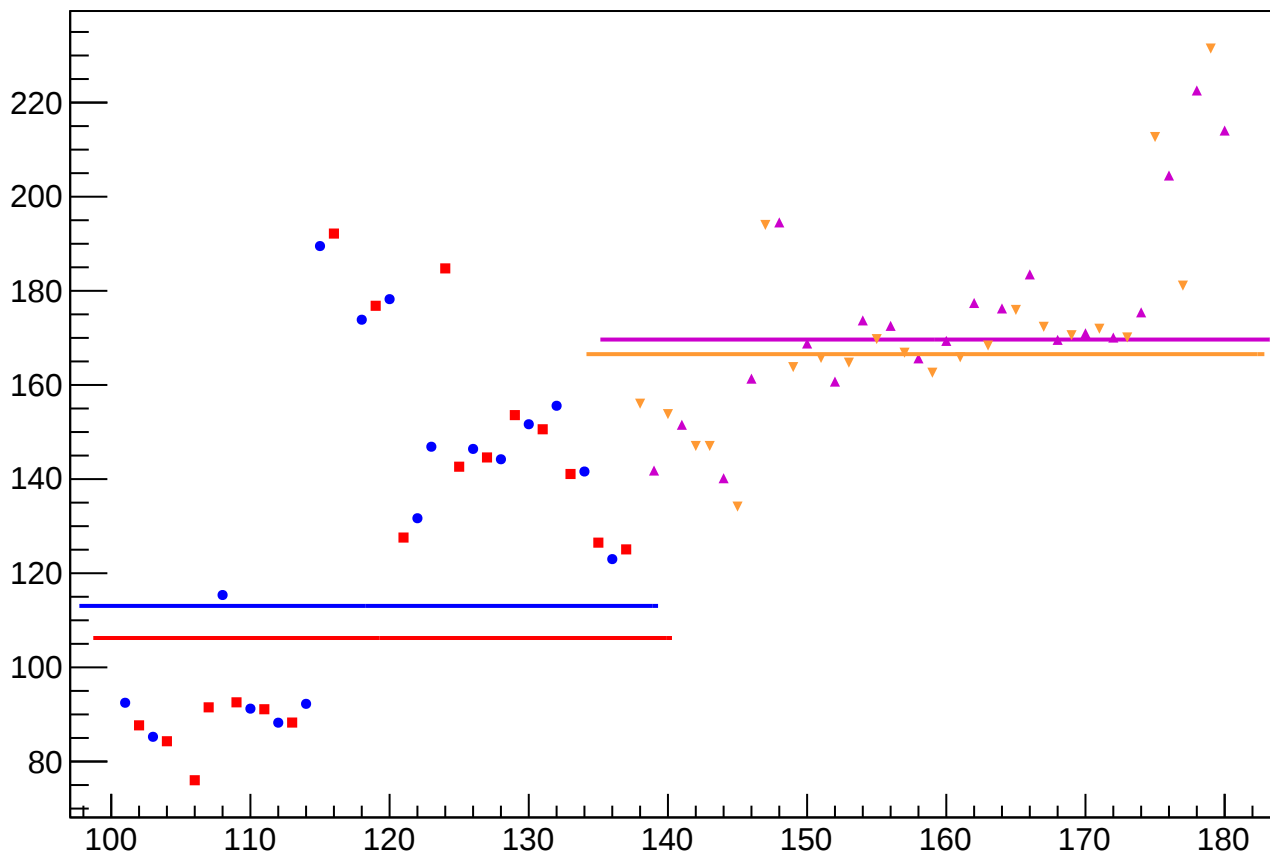
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 114.055 $\pm$ 30.737 χ^2 /NDF:40.6/37

Out: 136.855 $\pm$ 29.264 χ^2 /NDF:34.2/39

All: 126.014 $\pm$ 21.194 χ^2 /NDF: 75.1/77

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 166.549+/-0.029 χ^2/NDF : 400650.4/21

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 169.649+/-0.030 χ^2/NDF : 417168.6/20

Left: 168.062+/-0.021 χ^2/NDF : 823410.8/42

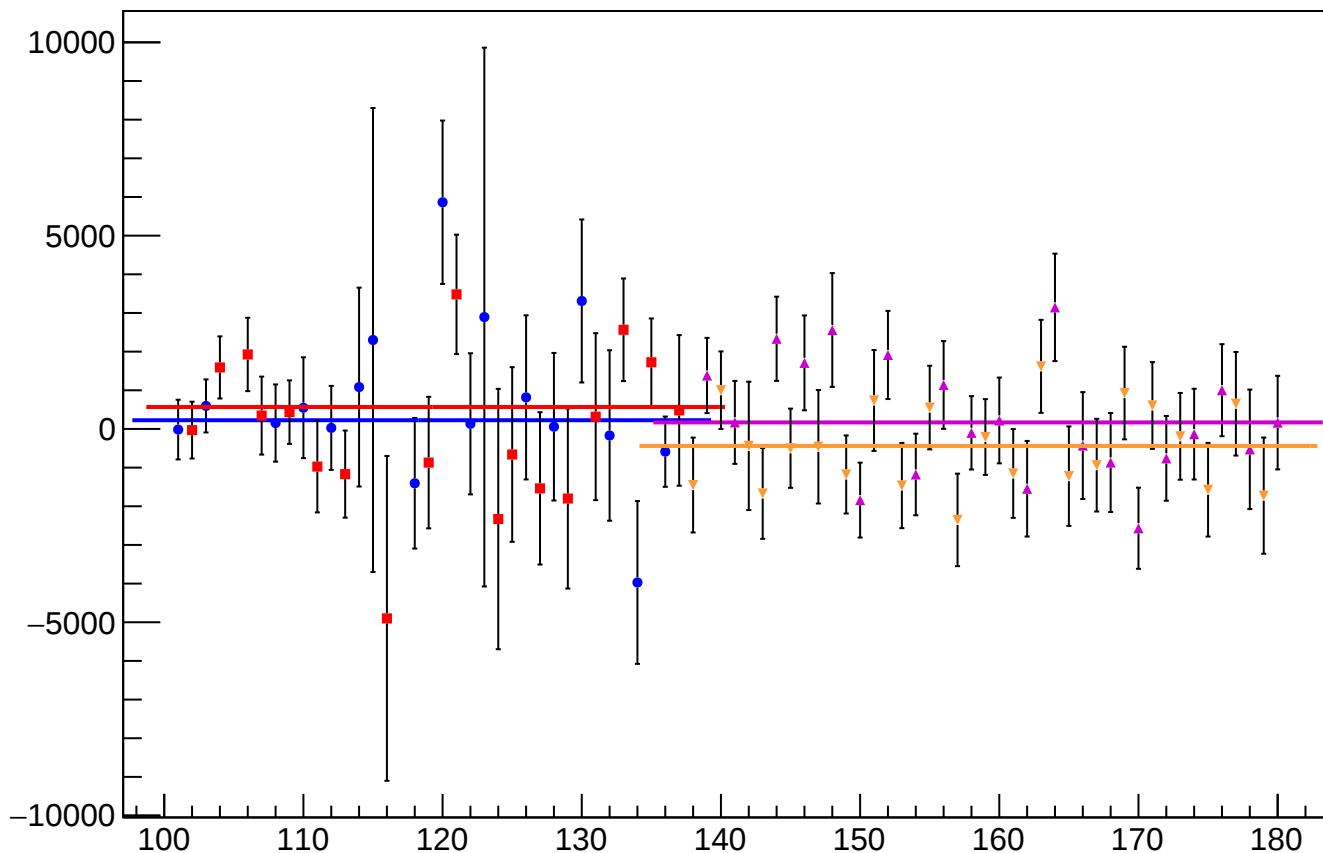
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 143.431+/-0.022 χ^2/NDF : 2923741.9/37

Out: 137.027+/-0.021 χ^2/NDF : 3475015.2/39

All: 140.072+/-0.015 χ^2/NDF : 6444286.9/77

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -439.864 $\pm$ 251.014 χ^2 /NDF:17.9/21

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 169.108 $\pm$ 250.723 χ^2 /NDF:34.4/20

Left: -135.025 $\pm$ 177.391 χ^2 /NDF: 55.2/42

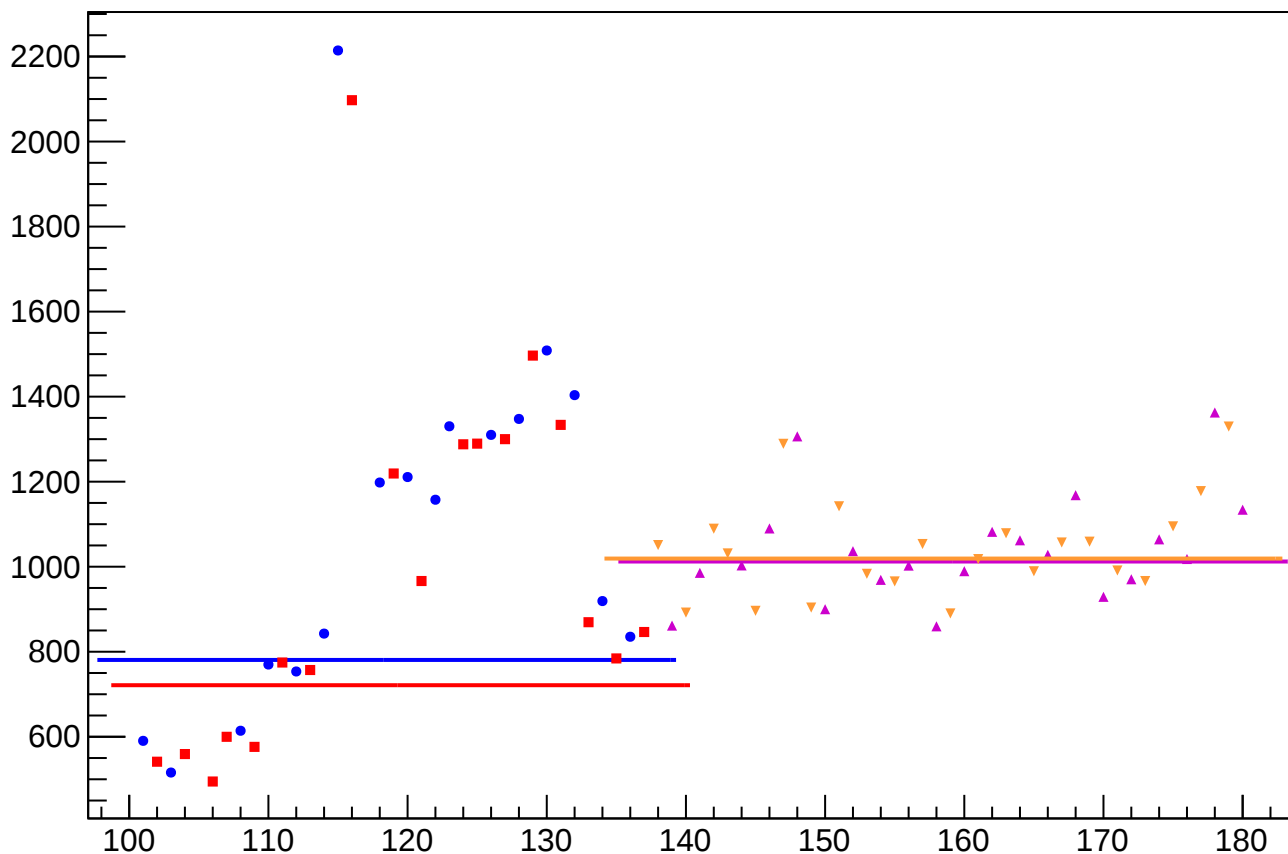
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 190.492 $\pm$ 197.689 χ^2 /NDF:50.4/37

Out: -8.988 $\pm$ 189.932 χ^2 /NDF:45.7/39

All: 86.762 $\pm$ 136.963 χ^2 /NDF: 96.7/77

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1019.149 $\pm$ 0.177 χ^2 /NDF: 358049.8/21

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 1012.187 $\pm$ 0.177 χ^2 /NDF: 402660.6/20

Left: 1015.664 $\pm$ 0.125 χ^2 /NDF: 761480.4/42

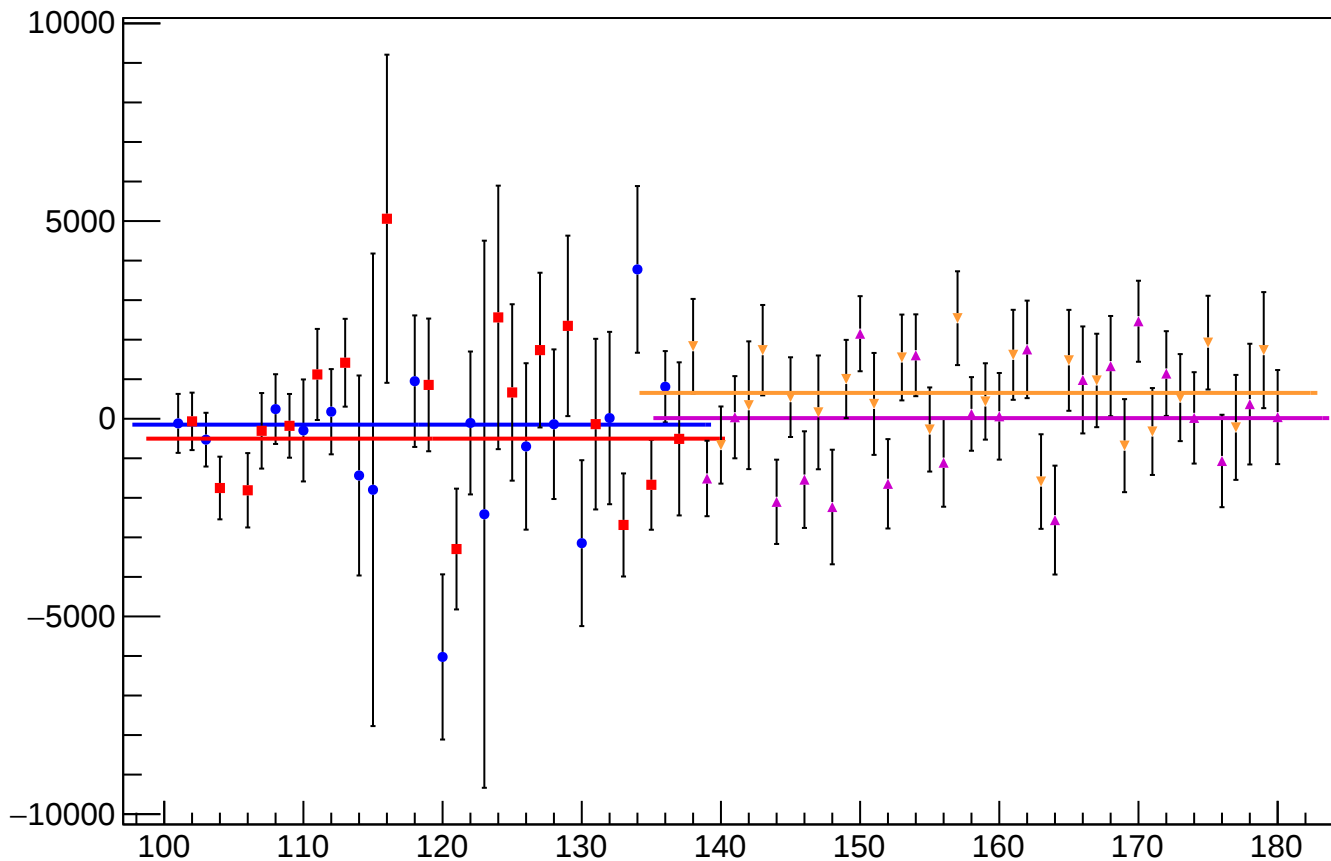
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 924.614 $\pm$ 0.140 χ^2 /NDF: 2657138.8/37

Out: 891.812 $\pm$ 0.134 χ^2 /NDF: 3188701.5/39

All: 907.557 $\pm$ 0.097 χ^2 /NDF: 5874473.8/77

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 653.754 ± 246.764 χ^2/NDF : 17.0/21

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: 16.079 ± 246.497 χ^2/NDF : 36.0/20

Left: 334.571 ± 174.394 χ^2/NDF : 56.3/42

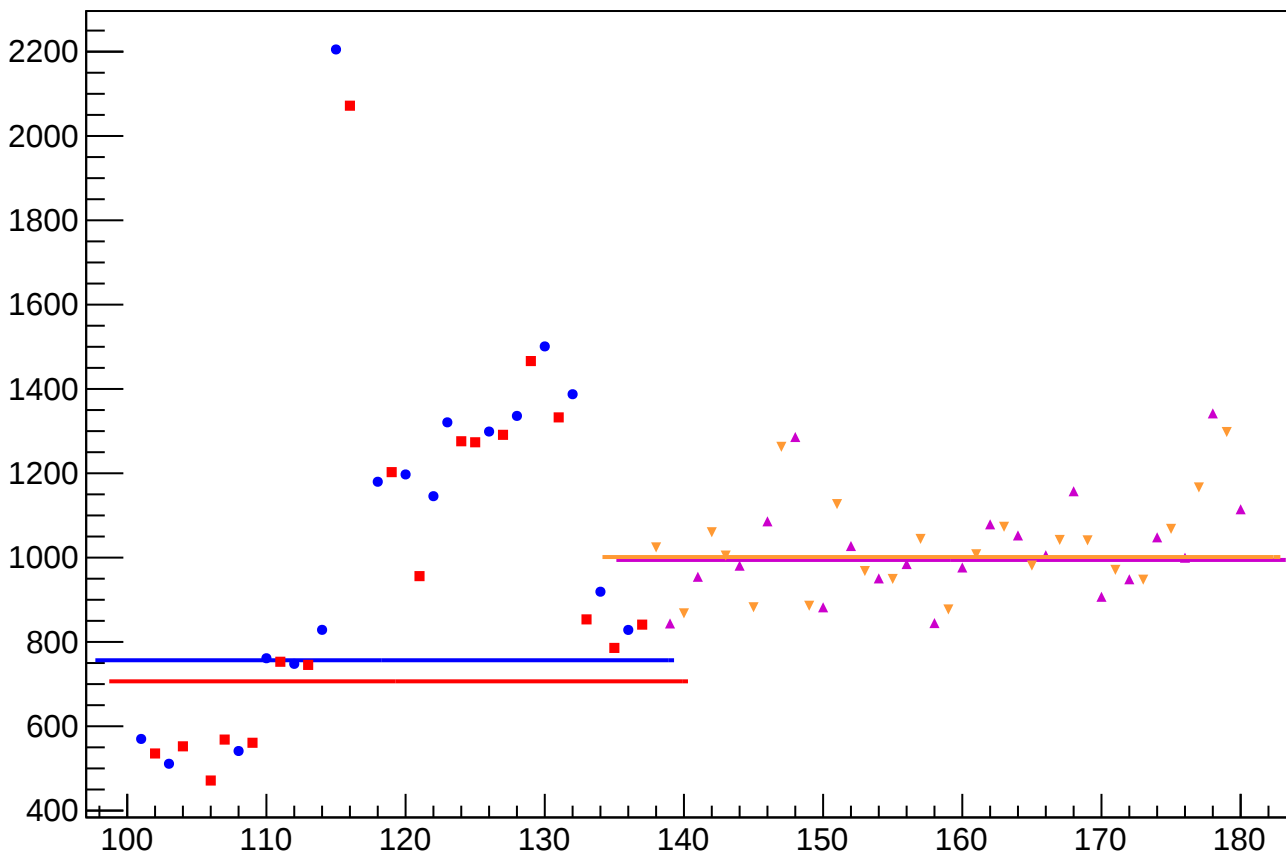
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -47.184 ± 193.646 χ^2/NDF : 52.3/37

Out: 159.605 ± 186.772 χ^2/NDF : 50.0/39

All: 59.946 ± 134.432 χ^2/NDF : 102.8/77

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 1001.367+/-0.174 χ^2/NDF : 361068.5/21

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 994.469+/-0.174 χ^2/NDF : 423701.7/20

Left: 997.914+/-0.123 χ^2/NDF : 785552.5/42

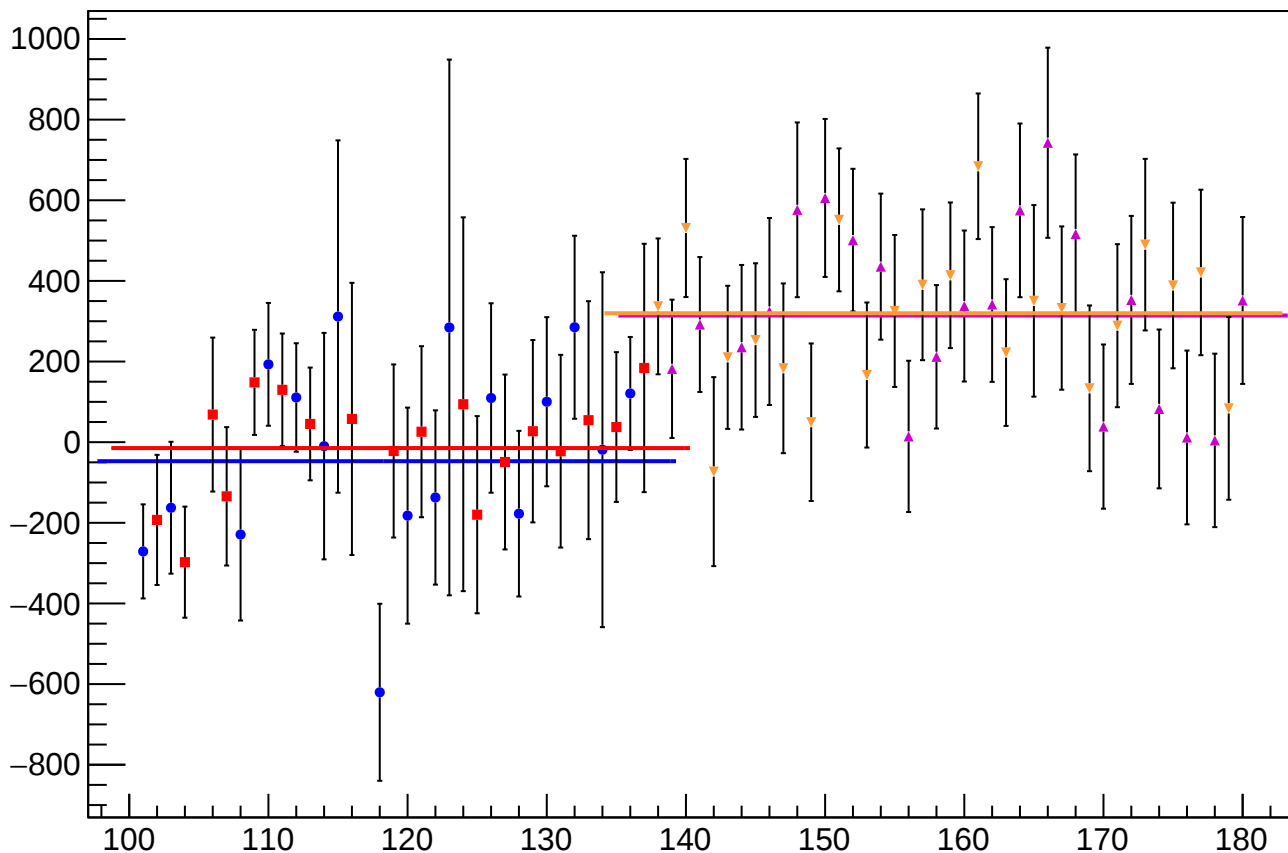
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 903.377+/-0.137 χ^2/NDF : 2850743.3/37

Out: 875.443+/-0.132 χ^2/NDF : 3250422.1/39

All: 888.906+/-0.095 χ^2/NDF : 6122727.0/77

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 319.802 ± 41.312 $\chi^2/\text{NDF}: 17.3/21$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 314.114 ± 42.936 $\chi^2/\text{NDF}: 22.1/20$

Left: 317.068 ± 29.770 $\chi^2/\text{NDF}: 39.4/42$

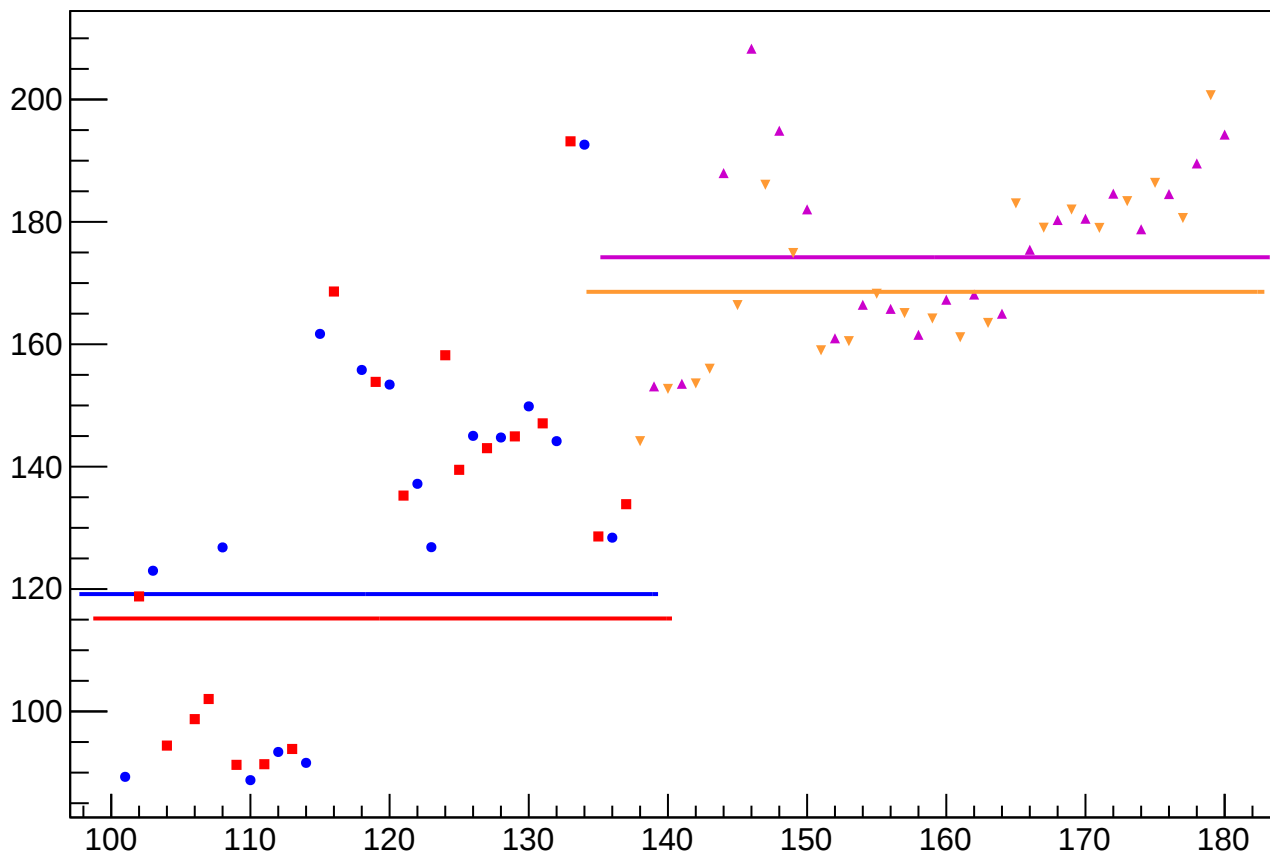
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 150.792 ± 31.782 $\chi^2/\text{NDF}: 76.0/37$

Out: 166.296 ± 30.386 $\chi^2/\text{NDF}: 57.6/39$

All: 158.892 ± 21.963 $\chi^2/\text{NDF}: 133.6/77$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 168.570 $\pm$ 0.029 χ^2 /NDF: 208666.6/21

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 174.220 $\pm$ 0.030 χ^2 /NDF: 215451.4/20

Left: 171.286 $\pm$ 0.021 χ^2 /NDF: 442100.8/42

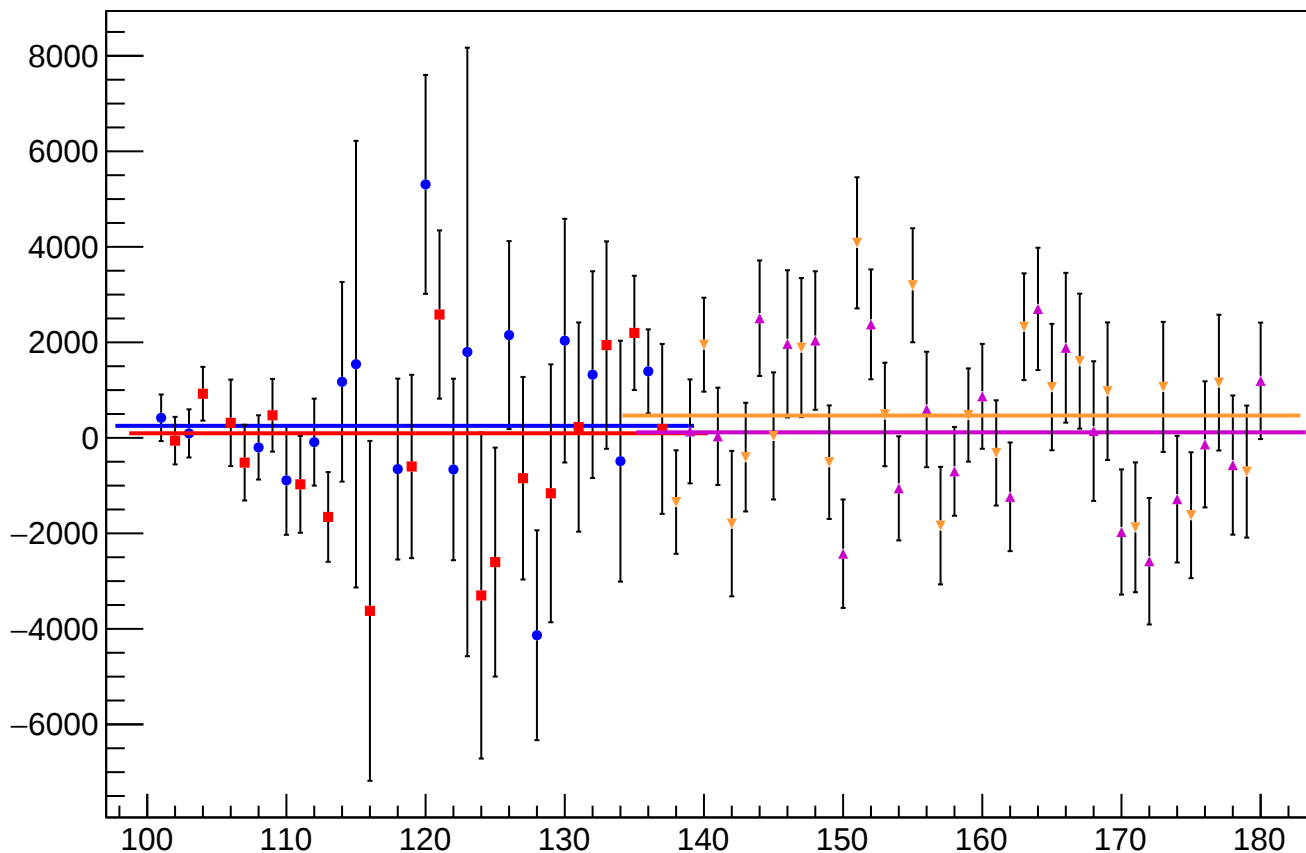
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 149.336 $\pm$ 0.022 χ^2 /NDF: 2316812.9/37

Out: 144.067 $\pm$ 0.021 χ^2 /NDF: 2417078.5/39

All: 146.583 $\pm$ 0.016 χ^2 /NDF: 4762610.1/77

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 467.932+/-262.837 χ^2/NDF : 36.1/21

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 115.688+/-266.085 χ^2/NDF : 34.1/20

Left: 293.973+/-186.992 χ^2/NDF : 71.2/42

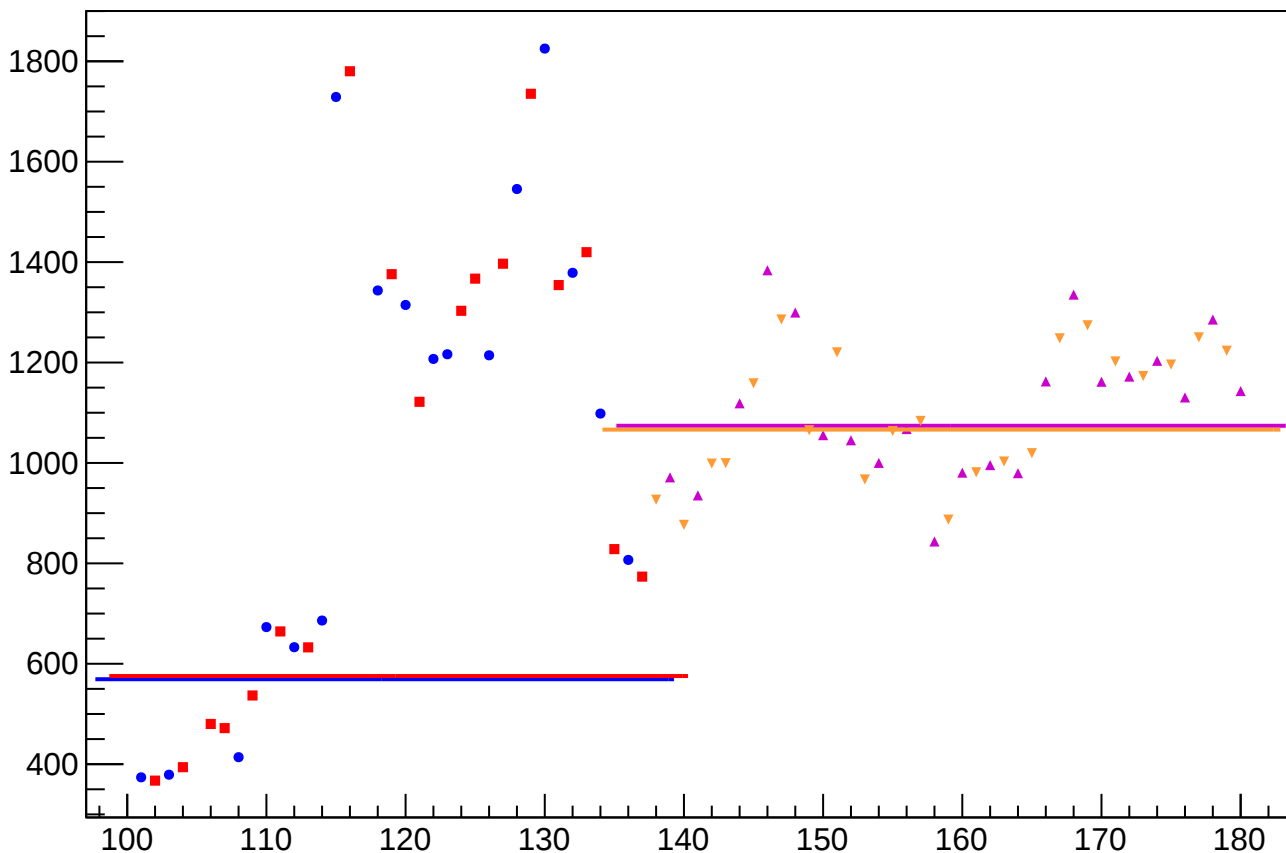
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 187.186+/-183.281 χ^2/NDF : 49.2/37

Out: 269.378+/-179.508 χ^2/NDF : 54.7/39

All: 229.137+/-128.244 χ^2/NDF : 103.9/77

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1066.397 $\pm$ 0.186 χ^2 /NDF: 489501.4/21

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1074.037 $\pm$ 0.188 χ^2 /NDF: 516914.0/20

Left: 1070.170 $\pm$ 0.132 χ^2 /NDF: 1007250.0/42

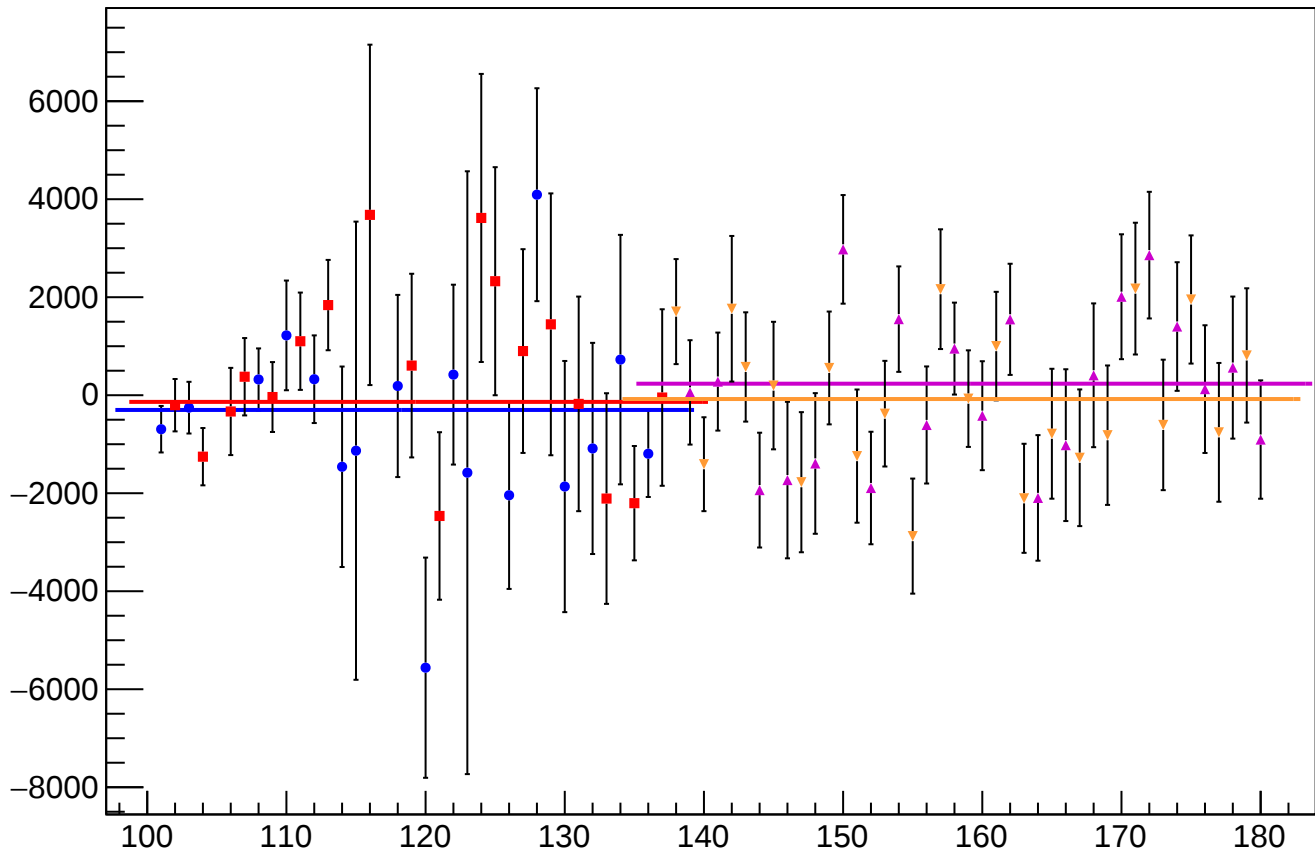
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 808.721 $\pm$ 0.130 χ^2 /NDF: 7567560.1/37

Out: 804.516 $\pm$ 0.127 χ^2 /NDF: 7268915.4/39

All: 806.575 $\pm$ 0.091 χ^2 /NDF: 14837012.7/77

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -77.854 ± 259.845 $\chi^2/\text{NDF}: 29.8/21$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 235.151 ± 263.672 $\chi^2/\text{NDF}: 31.9/20$

Left: 76.361 ± 185.077 $\chi^2/\text{NDF}: 62.4/42$

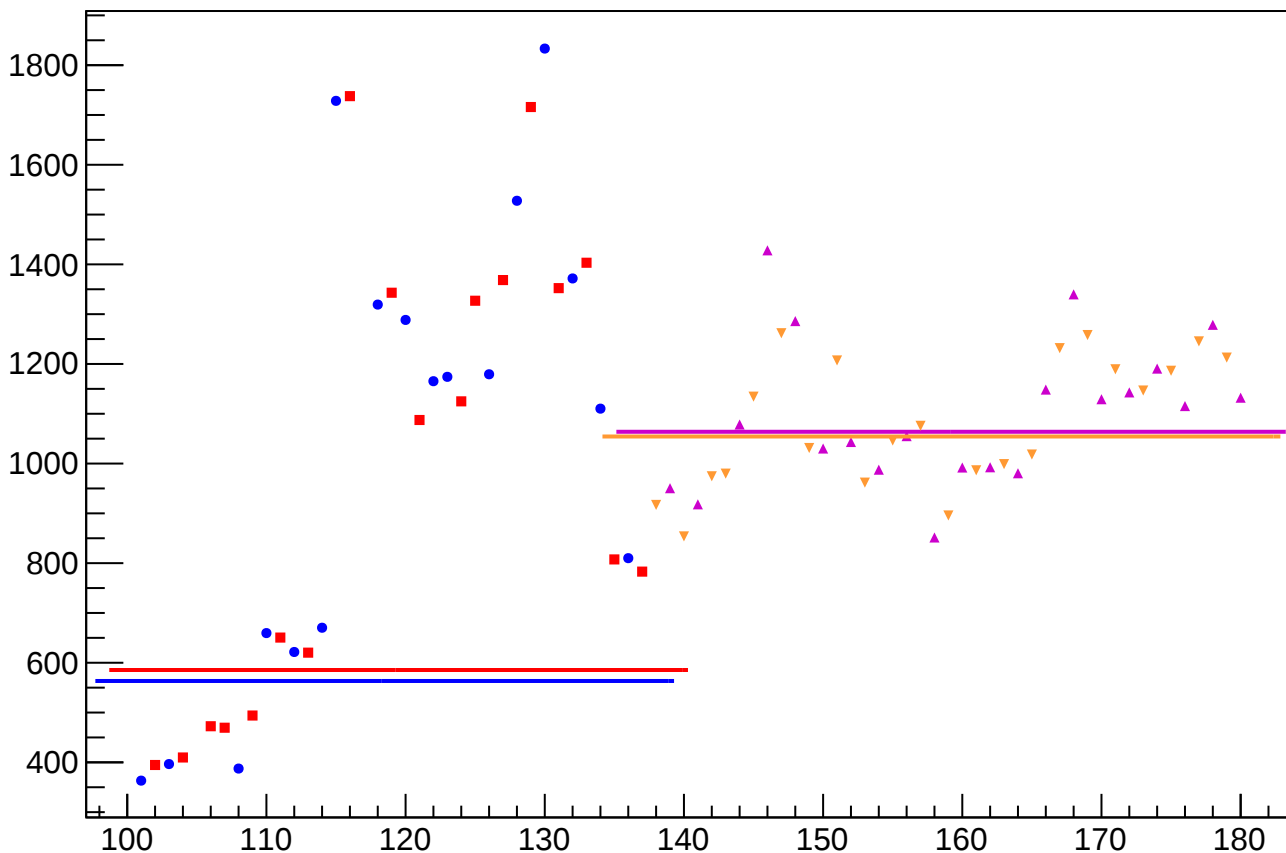
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -46.679 ± 181.533 $\chi^2/\text{NDF}: 50.8/37$

Out: -108.375 ± 179.287 $\chi^2/\text{NDF}: 50.7/39$

All: -77.911 ± 127.562 $\chi^2/\text{NDF}: 101.5/77$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1054.343+/-0.184 χ^2/NDF : 478853.3/21

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1063.833+/-0.186 χ^2/NDF : 518768.4/20

Left: 1059.019+/-0.131 χ^2/NDF : 998936.2/42

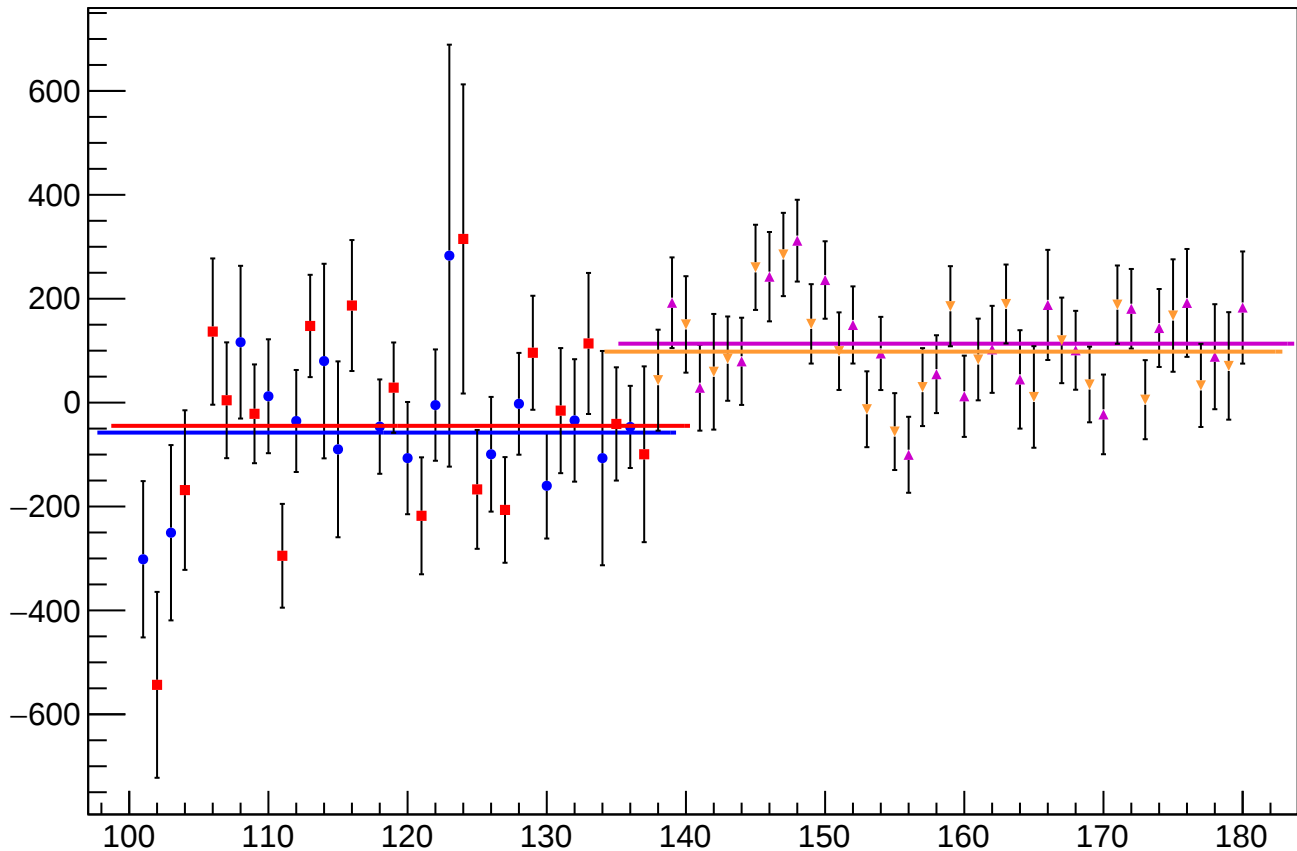
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 800.604+/-0.128 χ^2/NDF : 7567362.9/37

Out: 808.669+/-0.127 χ^2/NDF : 6709267.7/39

All: 804.687+/-0.090 χ^2/NDF : 14278628.5/77

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2/NDF : 9.1/16

Left Out: 98.154 $\pm$ 17.449 χ^2/NDF :26.6/21

Right Out: -44.693 $\pm$ 27.711 χ^2/NDF : 35.2/17

Left In: 113.456 $\pm$ 17.909 χ^2/NDF :30.7/20

Left: 105.606 $\pm$ 12.498 χ^2/NDF : 57.6/42

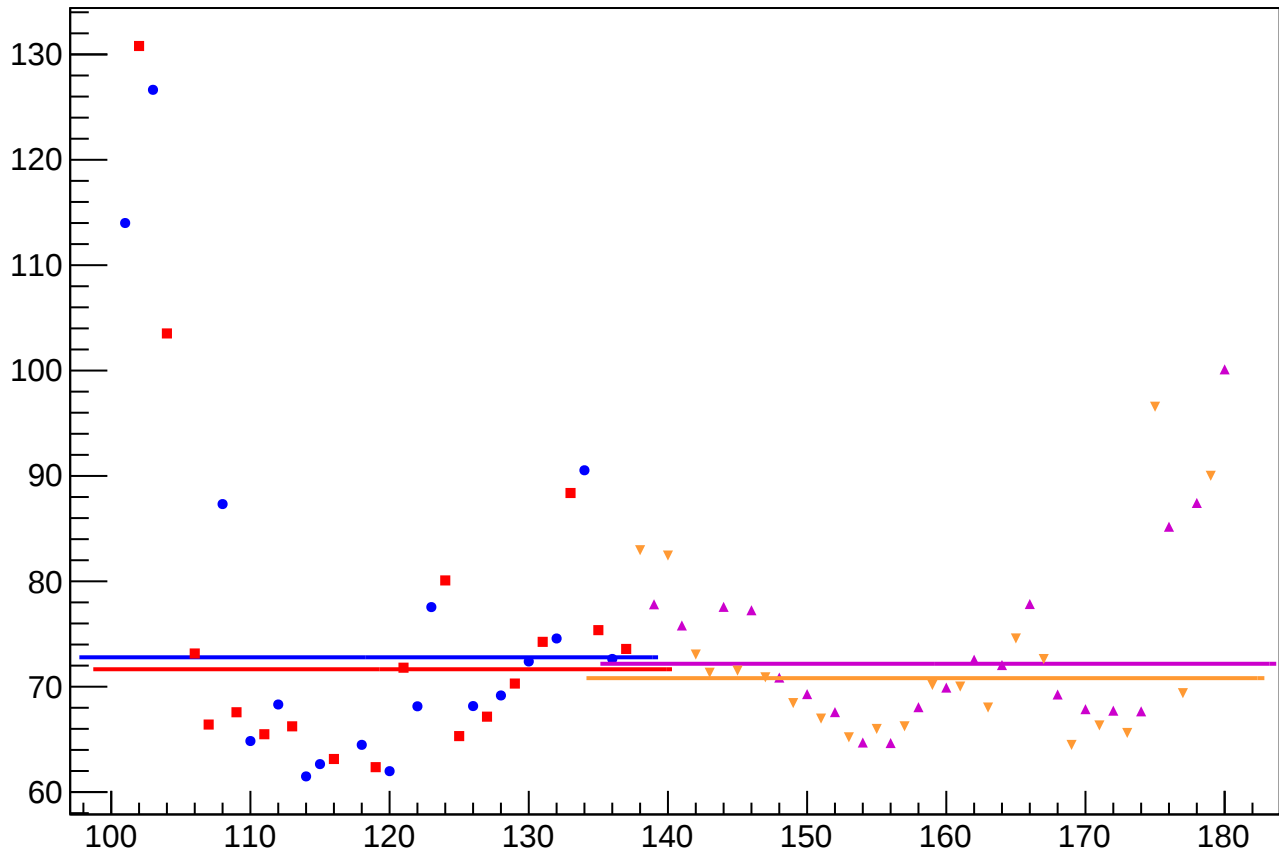
Right: -50.974 $\pm$ 19.933 χ^2/NDF : 44.4/34

In: 65.470 $\pm$ 15.192 χ^2/NDF :65.4/37

Out: 57.598 $\pm$ 14.765 χ^2/NDF :80.8/39

All: 61.422 $\pm$ 10.588 χ^2/NDF : 146.3/77

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.811 $\pm$ 0.012 χ^2 /NDF: 319942.5/21

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 72.176 $\pm$ 0.013 χ^2 /NDF: 329944.7/20

Left: 71.476 $\pm$ 0.009 χ^2 /NDF: 655845.9/42

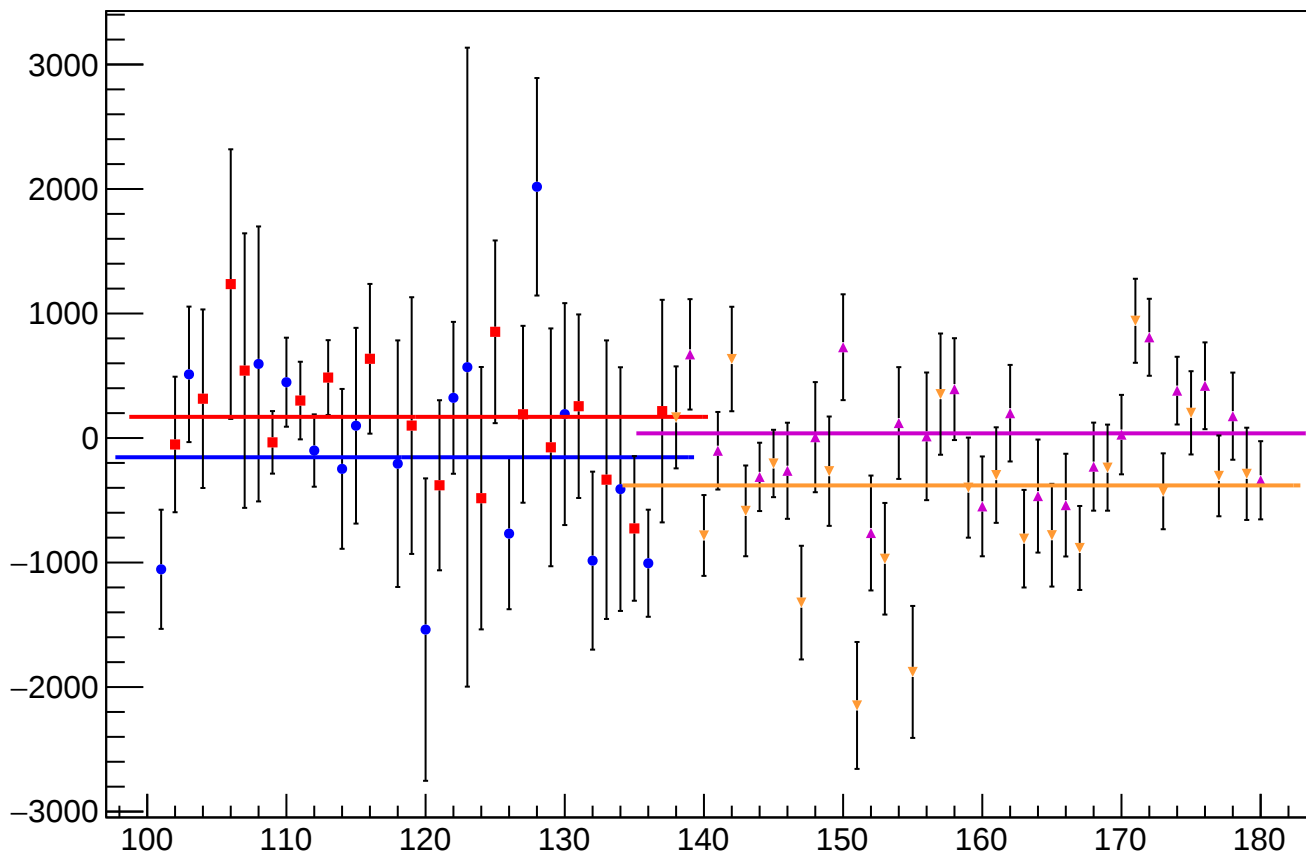
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.348 $\pm$ 0.011 χ^2 /NDF: 795376.9/37

Out: 71.051 $\pm$ 0.010 χ^2 /NDF: 725648.9/39

All: 71.681 $\pm$ 0.007 χ^2 /NDF: 1528524.6/77

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -380.604 ± 79.873 $\chi^2/\text{NDF}: 61.3/21$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: 37.555 ± 79.701 $\chi^2/\text{NDF}: 27.6/20$

Left: -171.074 ± 56.418 $\chi^2/\text{NDF}: 102.7/42$

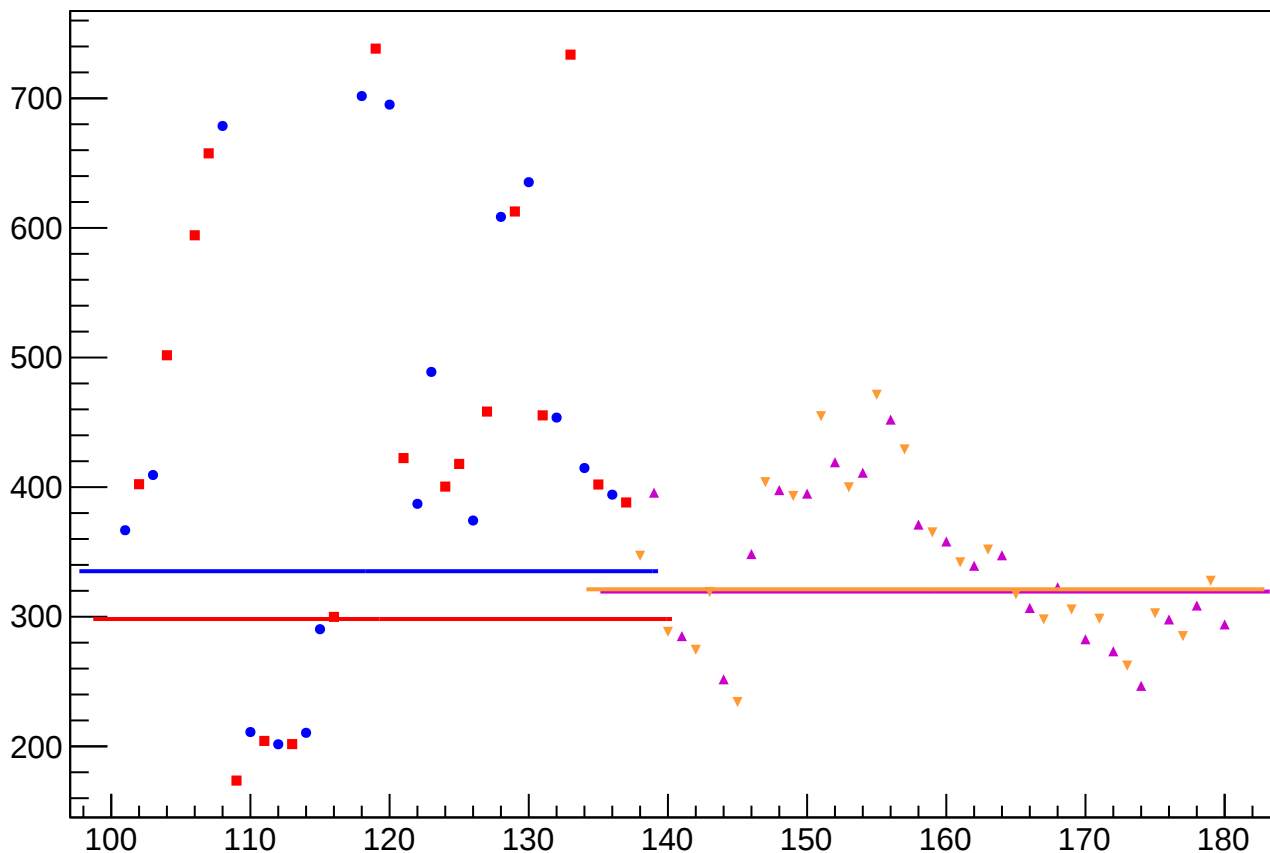
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -9.077 ± 69.348 $\chi^2/\text{NDF}: 52.2/37$

Out: -223.157 ± 67.494 $\chi^2/\text{NDF}: 83.3/39$

All: -119.016 ± 48.368 $\chi^2/\text{NDF}: 140.4/77$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 321.178+/-0.056 χ^2/NDF : 1007834.3/21

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 319.420+/-0.056 χ^2/NDF : 955581.6/20

Left: 320.297+/-0.040 χ^2/NDF : 1963901.5/42

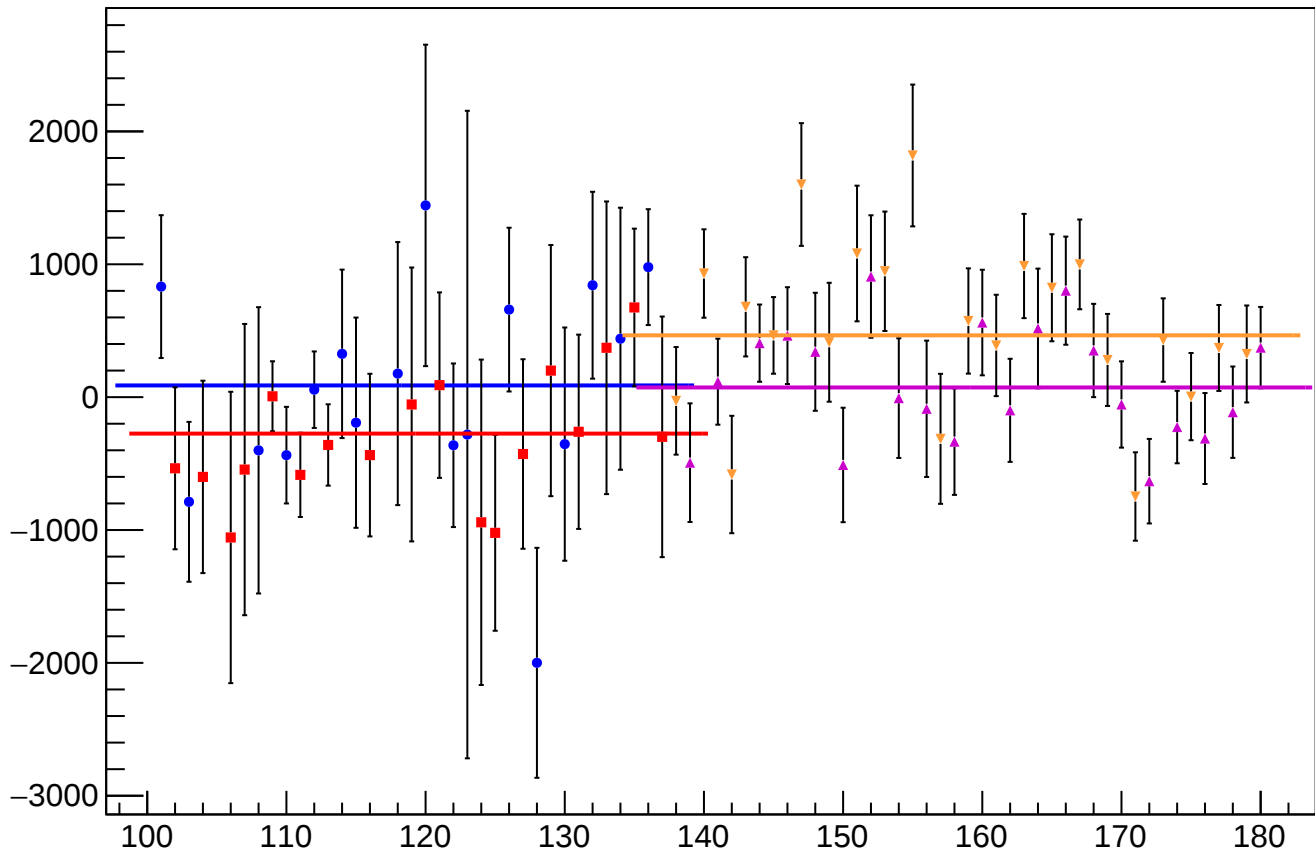
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 323.238+/-0.049 χ^2/NDF : 2968513.3/37

Out: 314.623+/-0.048 χ^2/NDF : 3831501.1/39

All: 318.814+/-0.034 χ^2/NDF : 6815863.1/77

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 465.308 ± 80.543 χ^2/NDF : 48.0/21

Right Out: -274.340 ± 129.866 χ^2/NDF : 8.0/17

Left In: 72.953 ± 79.920 χ^2/NDF : 26.0/20

Left: 267.607 ± 56.731 χ^2/NDF : 86.0/42

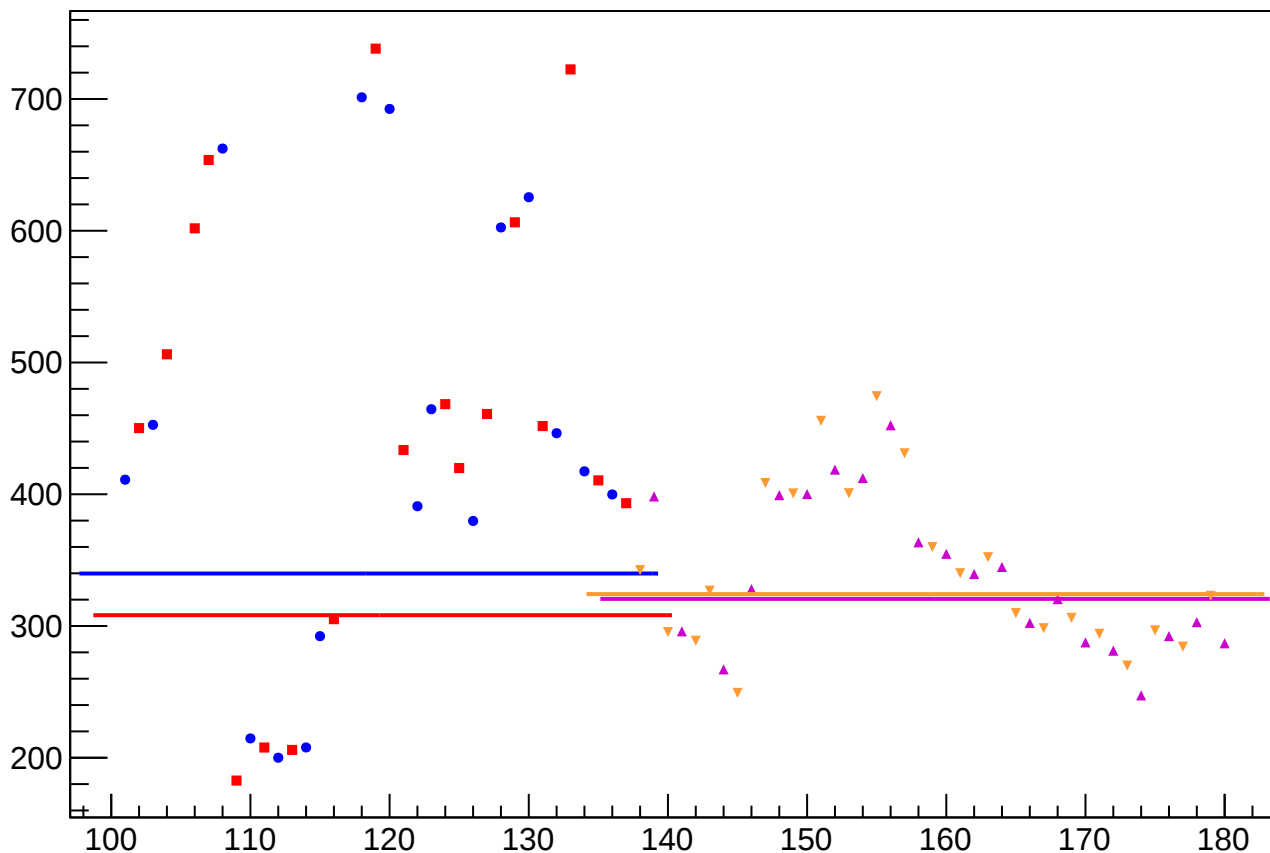
Right: -110.540 ± 96.143 χ^2/NDF : 32.4/34

In: 76.561 ± 69.766 χ^2/NDF : 46.8/37

Out: 259.836 ± 68.448 χ^2/NDF : 79.5/39

All: 169.946 ± 48.859 χ^2/NDF : 129.8/77

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 ± 0.101 $\chi^2/\text{NDF}: 2043522.4/16$

Left Out: 324.222 ± 0.057 $\chi^2/\text{NDF}: 907023.2/21$

Right Out: 308.199 ± 0.092 $\chi^2/\text{NDF}: 2698828.8/17$

Left In: 320.603 ± 0.057 $\chi^2/\text{NDF}: 868470.4/20$

Left: 322.398 ± 0.040 $\chi^2/\text{NDF}: 1777528.9/42$

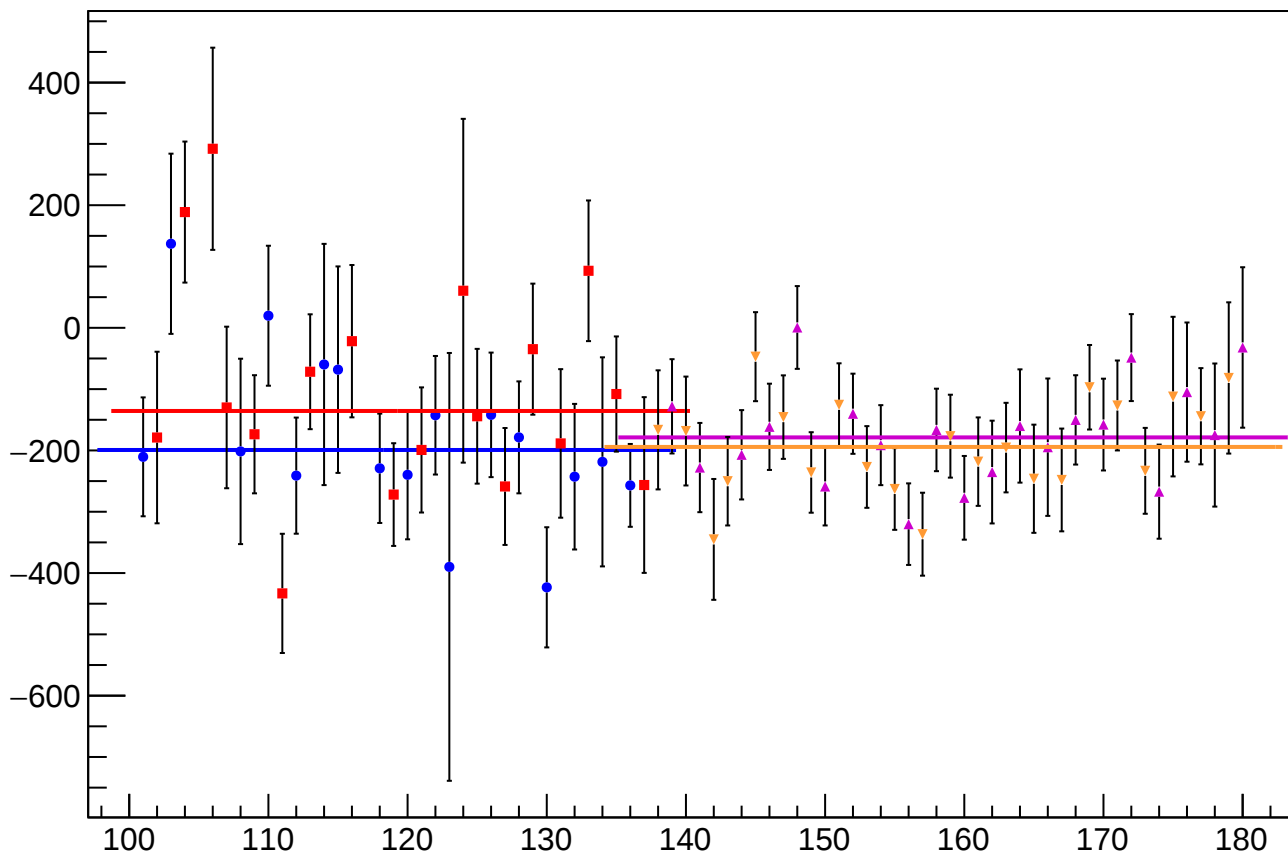
Right: 322.502 ± 0.068 $\chi^2/\text{NDF}: 4796037.7/34$

In: 325.183 ± 0.049 $\chi^2/\text{NDF}: 2939595.9/37$

Out: 319.771 ± 0.048 $\chi^2/\text{NDF}: 3627840.7/39$

All: 322.425 ± 0.035 $\chi^2/\text{NDF}: 6573568.4/77$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -194.290 $\pm$ 16.204 χ^2/NDF :20.6/21

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -178.728 $\pm$ 16.598 χ^2/NDF :23.9/20

Left: -186.696 $\pm$ 11.595 χ^2/NDF : 45.0/42

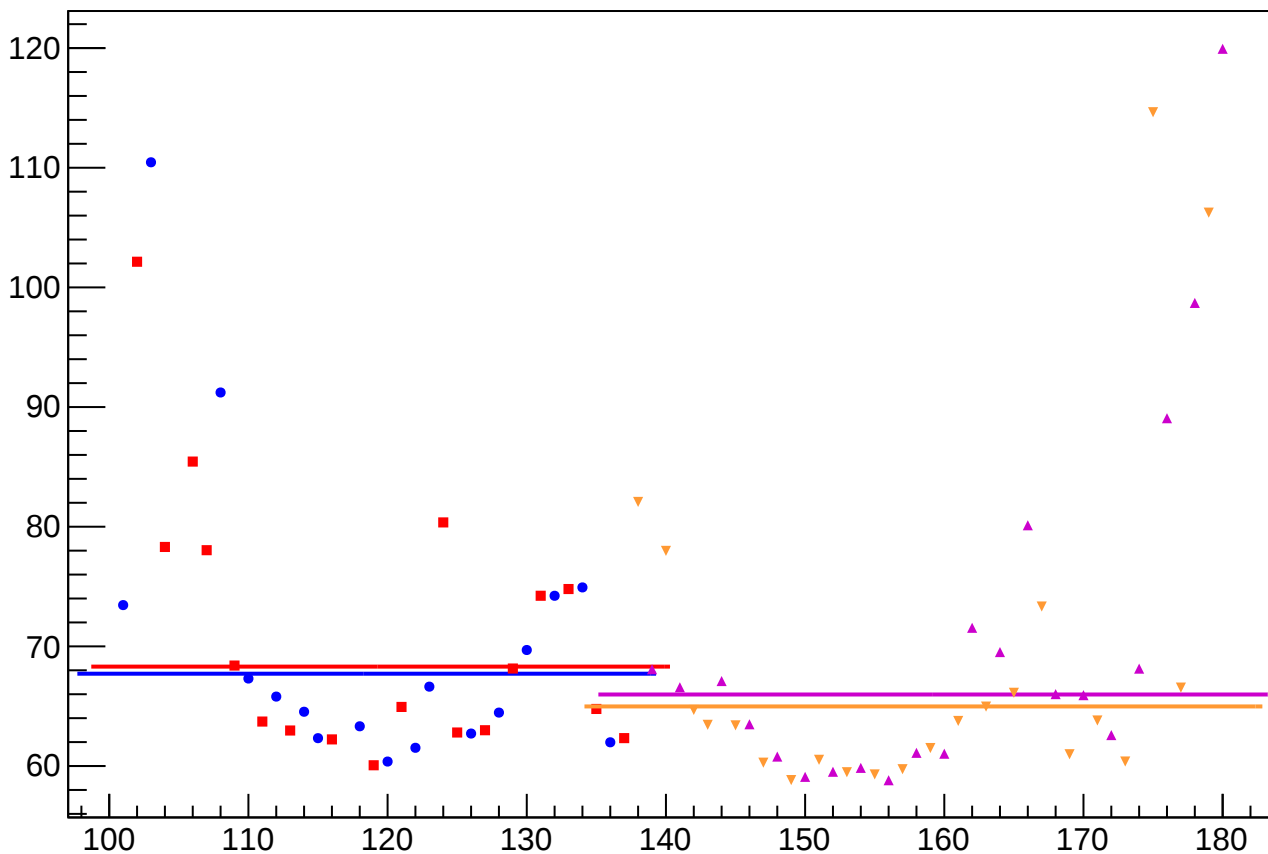
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -184.506 $\pm$ 14.069 χ^2/NDF :41.9/37

Out: -178.106 $\pm$ 13.789 χ^2/NDF :60.9/39

All: -181.242 $\pm$ 9.848 χ^2/NDF : 102.9/77

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 64.980 $\pm$ 0.011 χ^2 /NDF: 740340.0/21

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 65.978 $\pm$ 0.012 χ^2 /NDF: 751178.1/20

Left: 65.467 $\pm$ 0.008 χ^2 /NDF: 1495221.1/42

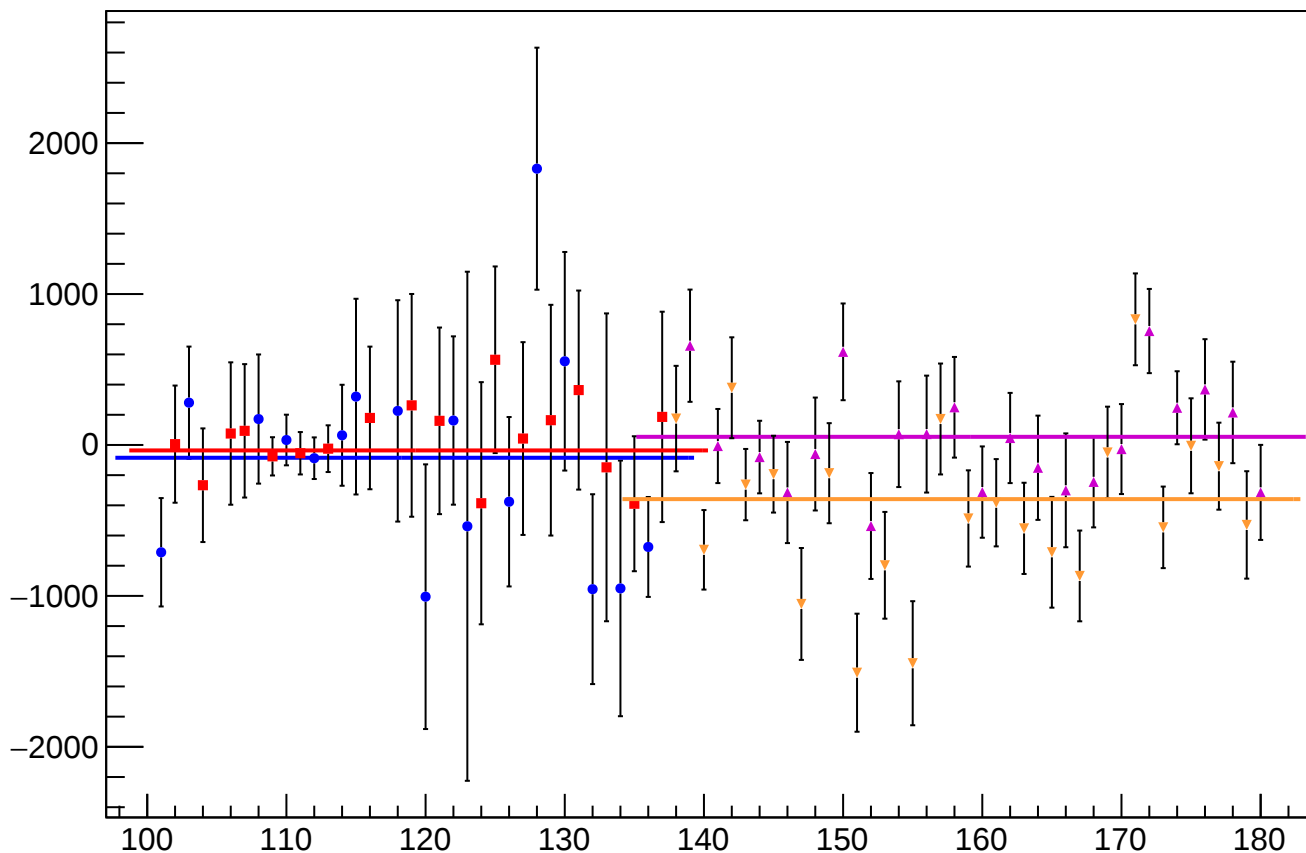
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 66.467 $\pm$ 0.010 χ^2 /NDF: 1040240.0/37

Out: 65.898 $\pm$ 0.010 χ^2 /NDF: 997936.4/39

All: 66.177 $\pm$ 0.007 χ^2 /NDF: 2039845.0/77

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -358.844 ± 66.553 $\chi^2/\text{NDF}: 55.7/21$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 53.973 ± 67.960 $\chi^2/\text{NDF}: 23.8/20$

Left: -156.755 ± 47.550 $\chi^2/\text{NDF}: 98.4/42$

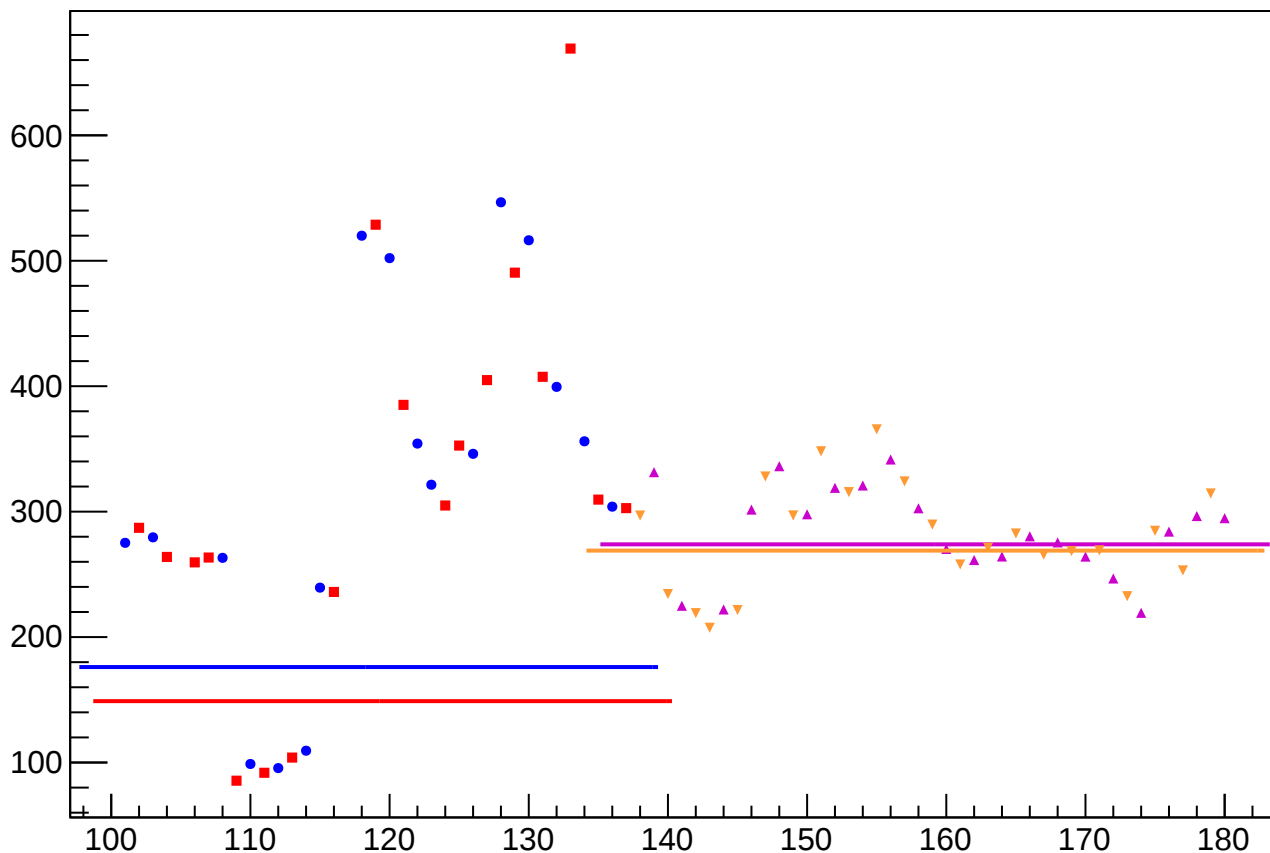
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -1.975 ± 52.498 $\chi^2/\text{NDF}: 45.4/37$

Out: -205.054 ± 48.151 $\chi^2/\text{NDF}: 70.4/39$

All: -112.270 ± 35.485 $\chi^2/\text{NDF}: 123.9/77$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.934+/-0.047 χ^2/NDF : 728871.5/21

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 273.929+/-0.048 χ^2/NDF : 594319.5/20

Left: 271.379+/-0.034 χ^2/NDF : 1328707.0/42

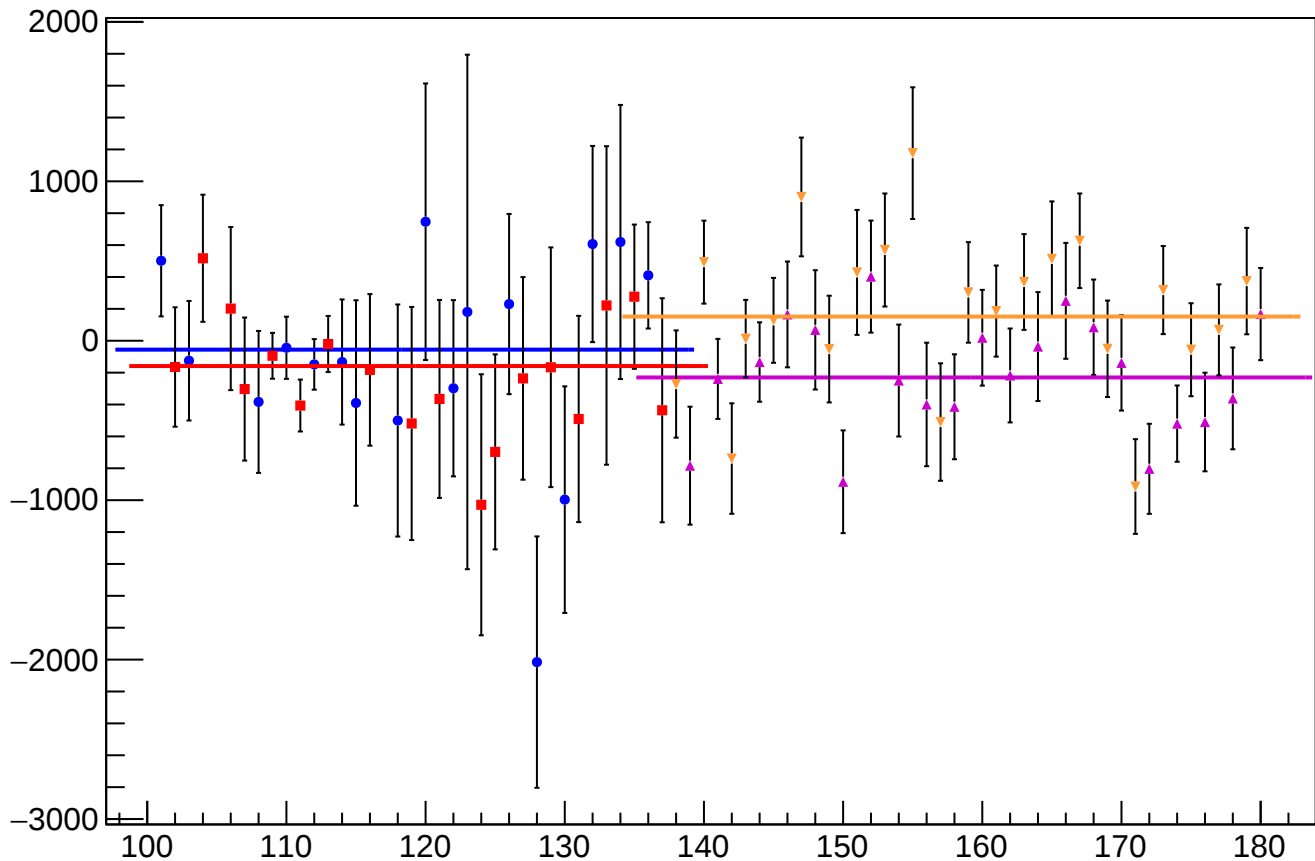
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 234.475+/-0.037 χ^2/NDF : 6489432.1/37

Out: 211.746+/-0.034 χ^2/NDF : 8598542.7/39

All: 222.131+/-0.025 χ^2/NDF : 15291579.3/77

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 151.670 ± 66.280 $\chi^2/\text{NDF}: 45.0/21$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -230.335 ± 67.332 $\chi^2/\text{NDF}: 24.7/20$

Left: -36.324 ± 47.234 $\chi^2/\text{NDF}: 86.1/42$

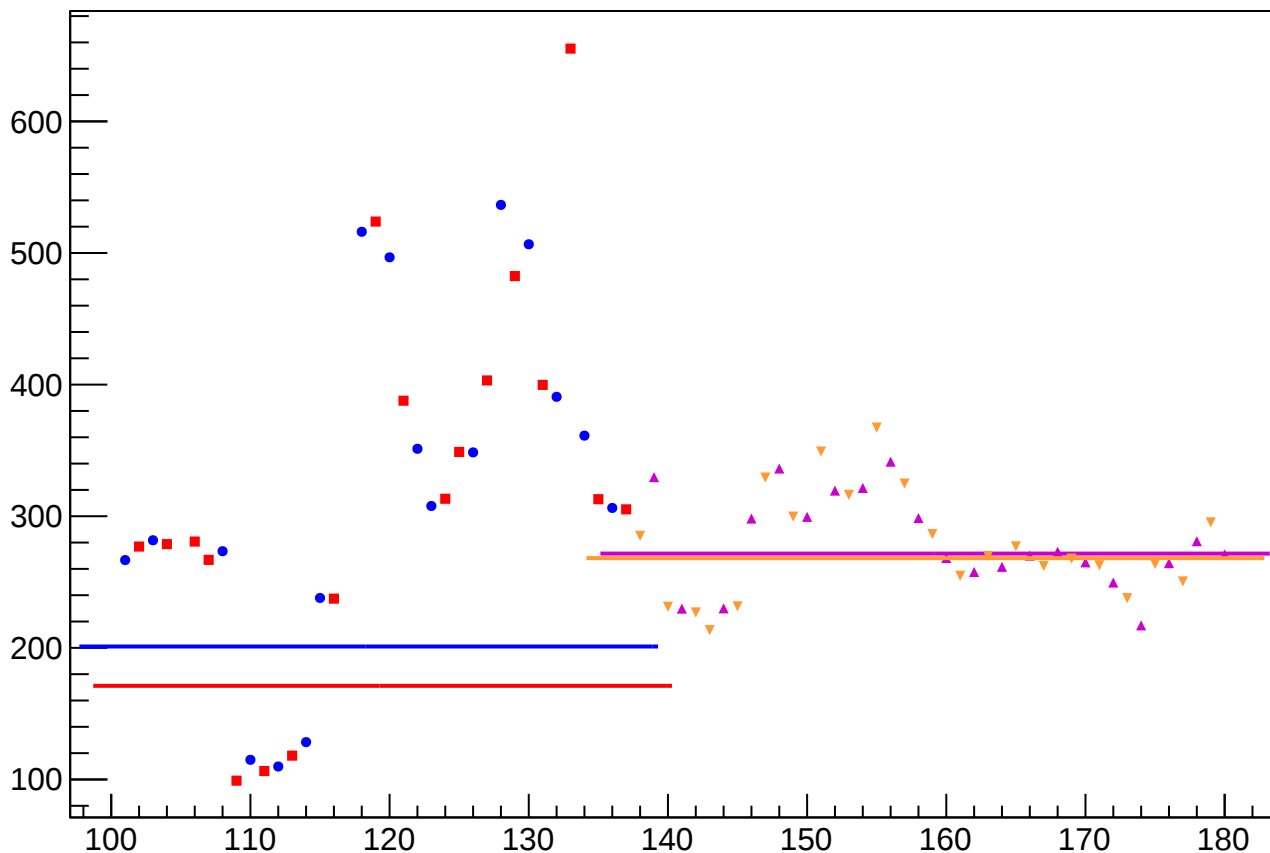
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -168.183 ± 54.036 $\chi^2/\text{NDF}: 44.3/37$

Out: 19.731 ± 50.253 $\chi^2/\text{NDF}: 64.7/39$

All: -67.419 ± 36.799 $\chi^2/\text{NDF}: 115.5/77$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.157 $\pm$ 0.047 χ^2/NDF : 629141.4/21

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 271.620 $\pm$ 0.048 χ^2/NDF : 530575.8/20

Left: 269.861 $\pm$ 0.033 χ^2/NDF : 1162404.0/42

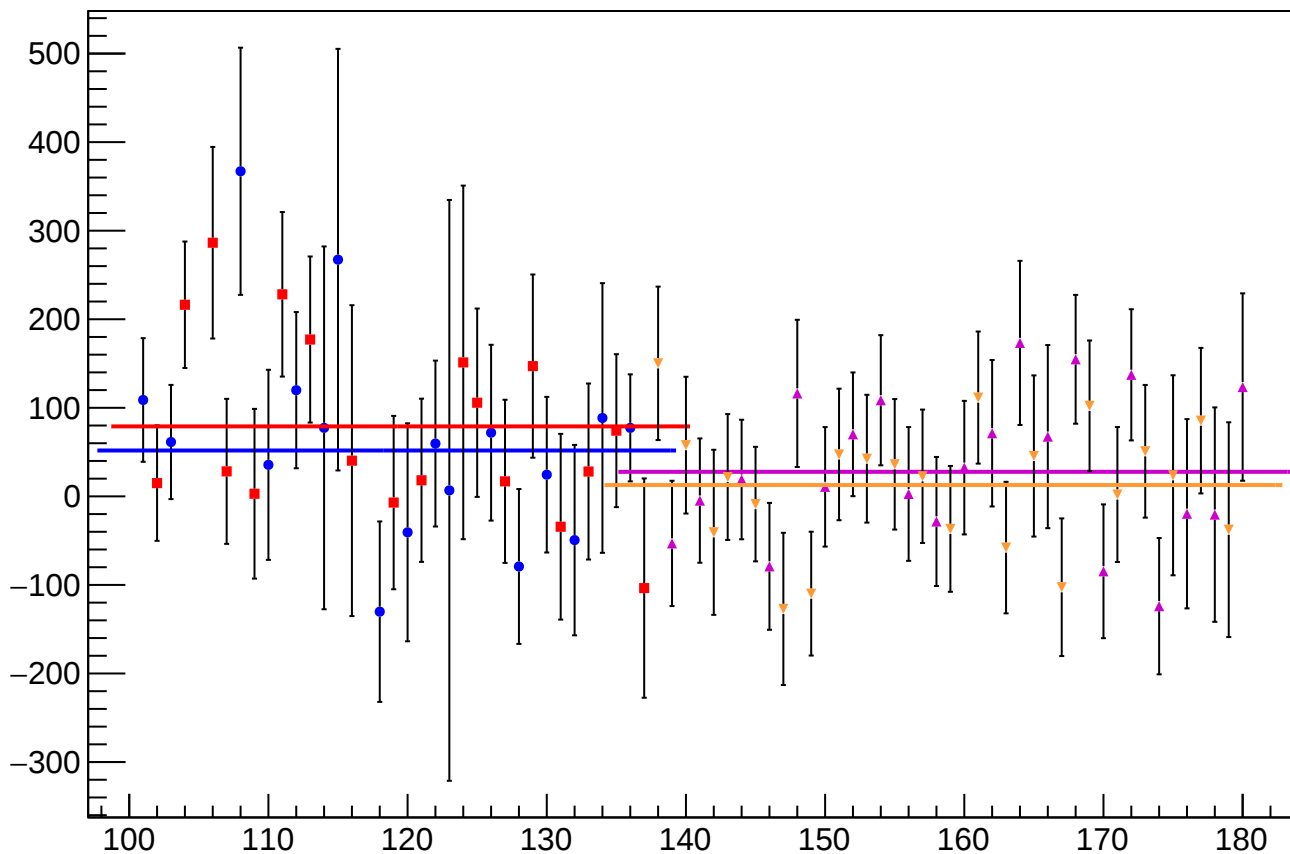
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 246.497 $\pm$ 0.038 χ^2/NDF : 4745908.7/37

Out: 226.920 $\pm$ 0.036 χ^2/NDF : 6515812.8/39

All: 235.999 $\pm$ 0.026 χ^2/NDF : 11402486.2/77

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: 12.785 $\pm$ 16.664 χ^2/NDF : 17.7/21

Right Out: 79.008 $\pm$ 22.499 χ^2/NDF : 19.0/17

Left In: 27.717 $\pm$ 17.080 χ^2/NDF : 22.6/20

Left: 20.067 $\pm$ 11.928 χ^2/NDF : 40.8/42

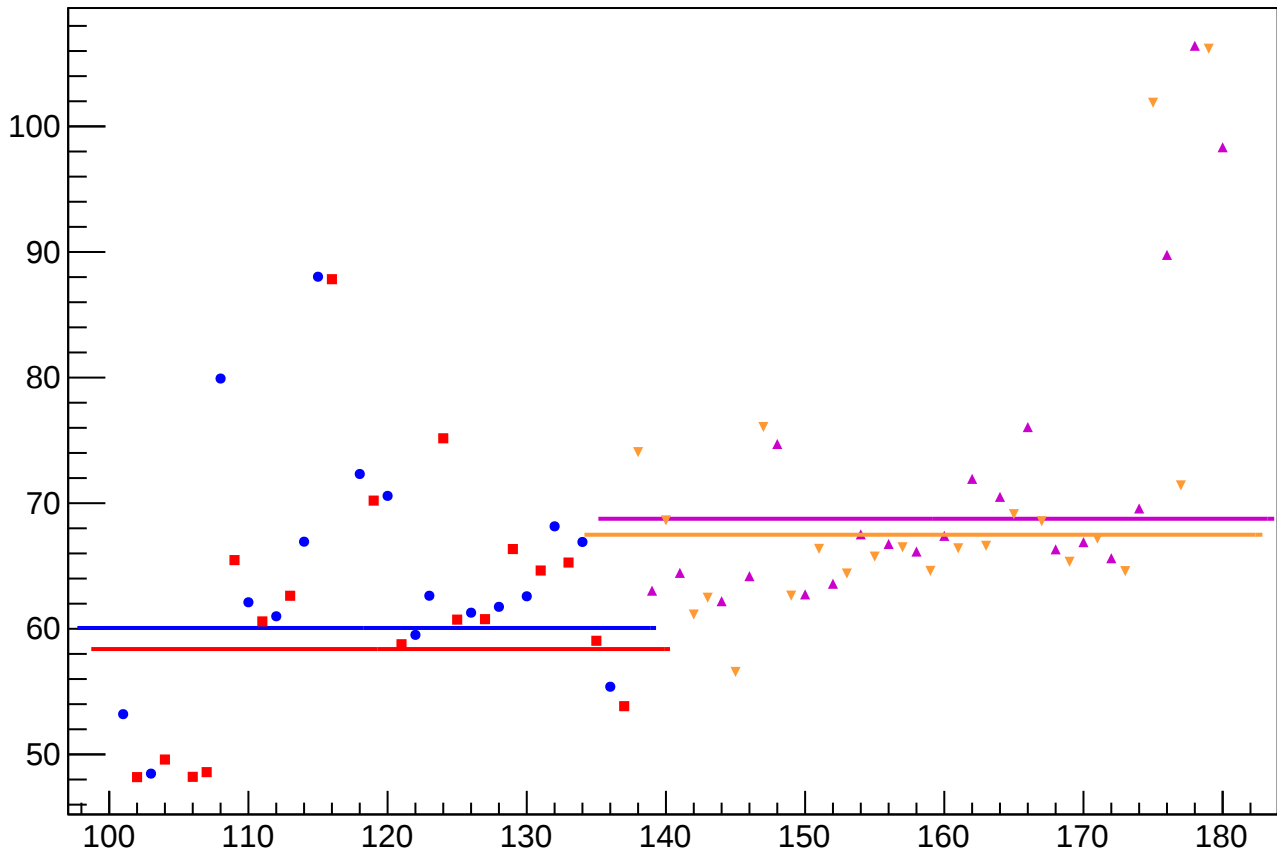
Right: 66.018 $\pm$ 16.264 χ^2/NDF : 34.2/34

In: 36.023 $\pm$ 13.824 χ^2/NDF : 37.9/37

Out: 36.245 $\pm$ 13.391 χ^2/NDF : 42.3/39

All: 36.138 $\pm$ 9.618 χ^2/NDF : 80.2/77

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: 67.489 $\pm$ 0.012 χ^2 /NDF: 526828.3/21

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 68.761 $\pm$ 0.012 χ^2 /NDF: 538069.2/20

Left: 68.109 $\pm$ 0.008 χ^2 /NDF: 1070578.3/42

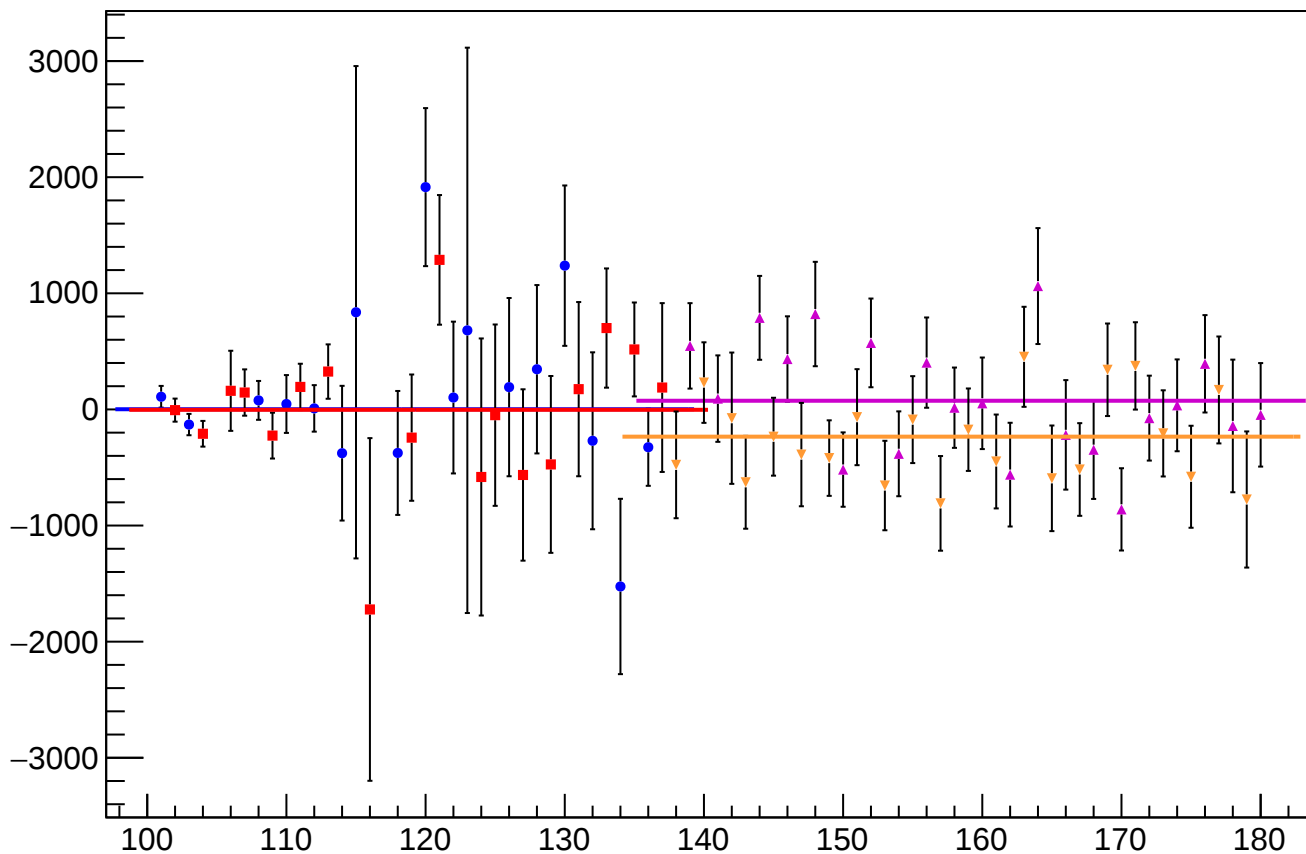
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 65.761 $\pm$ 0.010 χ^2 /NDF: 945958.9/37

Out: 64.264 $\pm$ 0.009 χ^2 /NDF: 1013204.9/39

All: 64.989 $\pm$ 0.007 χ^2 /NDF: 1971262.3/77

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: -234.537 ± 85.883 $\chi^2/\text{NDF}: 18.0/21$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 74.703 ± 86.118 $\chi^2/\text{NDF}: 32.0/20$

Left: -80.339 ± 60.811 $\chi^2/\text{NDF}: 56.4/42$

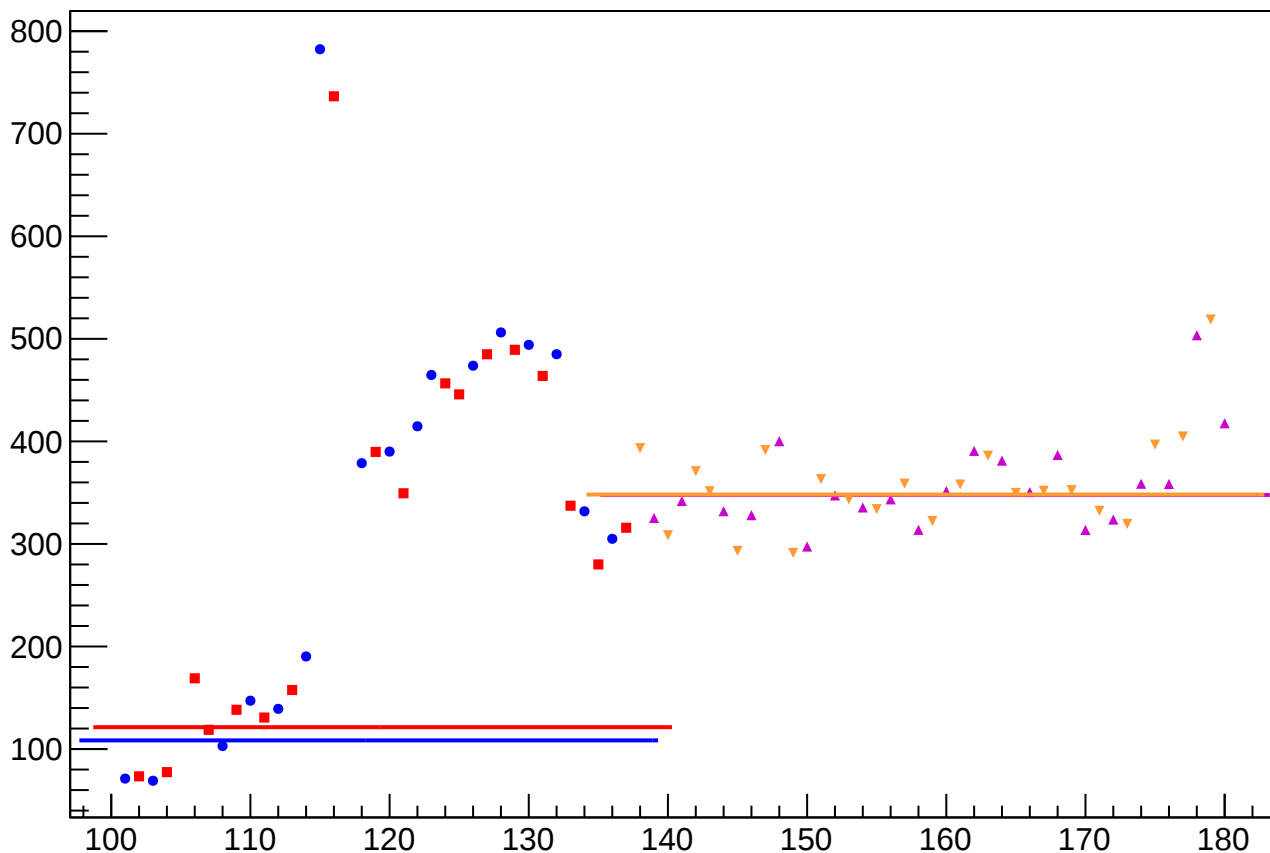
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 22.373 ± 45.922 $\chi^2/\text{NDF}: 53.9/37$

Out: -73.300 ± 47.266 $\chi^2/\text{NDF}: 43.3/39$

All: -24.084 ± 32.937 $\chi^2/\text{NDF}: 99.3/77$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 348.158 $\pm$ 0.061 χ^2 /NDF: 457673.0/21

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 347.759 $\pm$ 0.061 χ^2 /NDF: 388626.3/20

Left: 347.959 $\pm$ 0.043 χ^2 /NDF: 846320.9/42

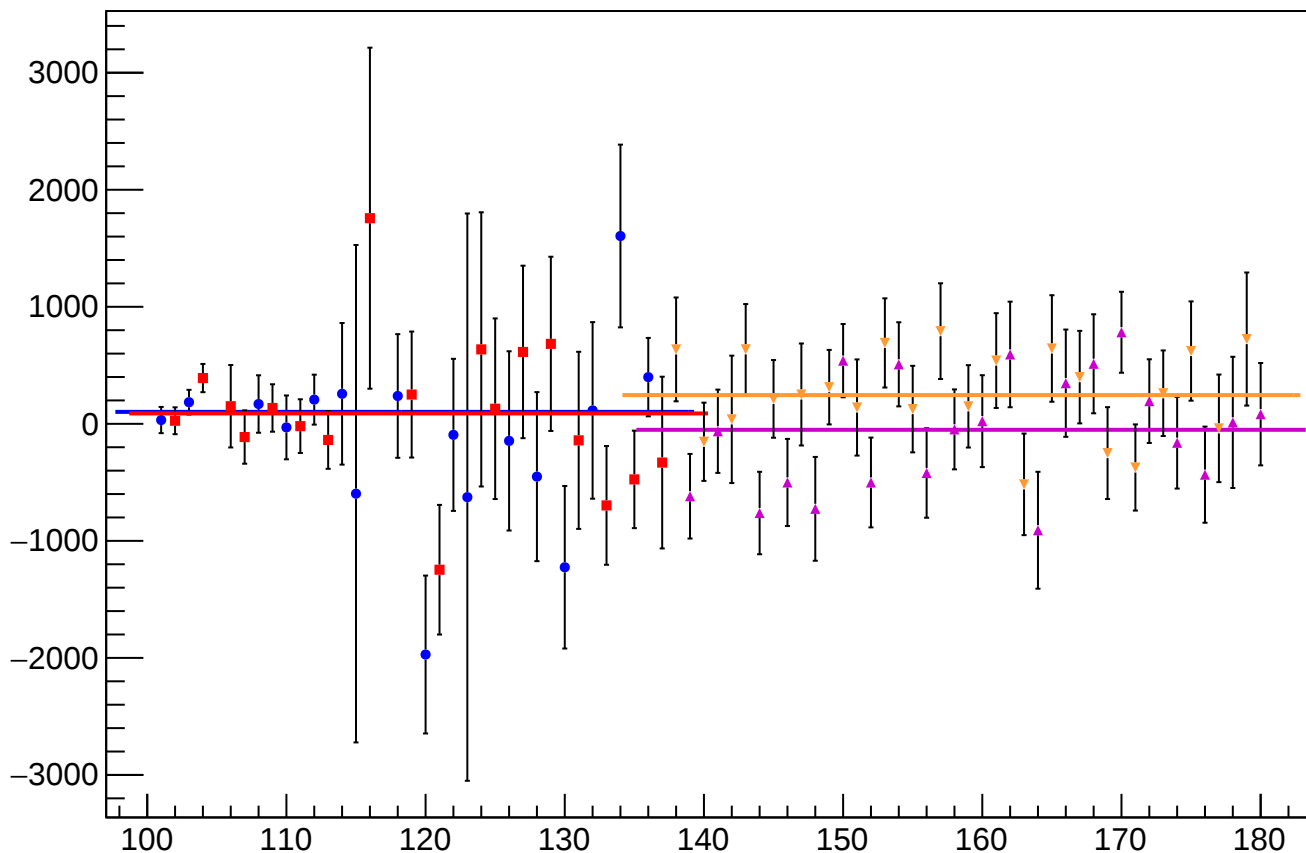
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 176.494 $\pm$ 0.032 χ^2 /NDF: 16845652.3/37

Out: 190.016 $\pm$ 0.033 χ^2 /NDF: 14916932.3/39

All: 183.060 $\pm$ 0.023 χ^2 /NDF: 31846788.1/77

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 245.664 $\pm$ 84.558 χ^2 /NDF:17.7/21

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -51.005 $\pm$ 84.861 χ^2 /NDF:33.5/20

Left: 97.860 $\pm$ 59.898 χ^2 /NDF: 57.3/42

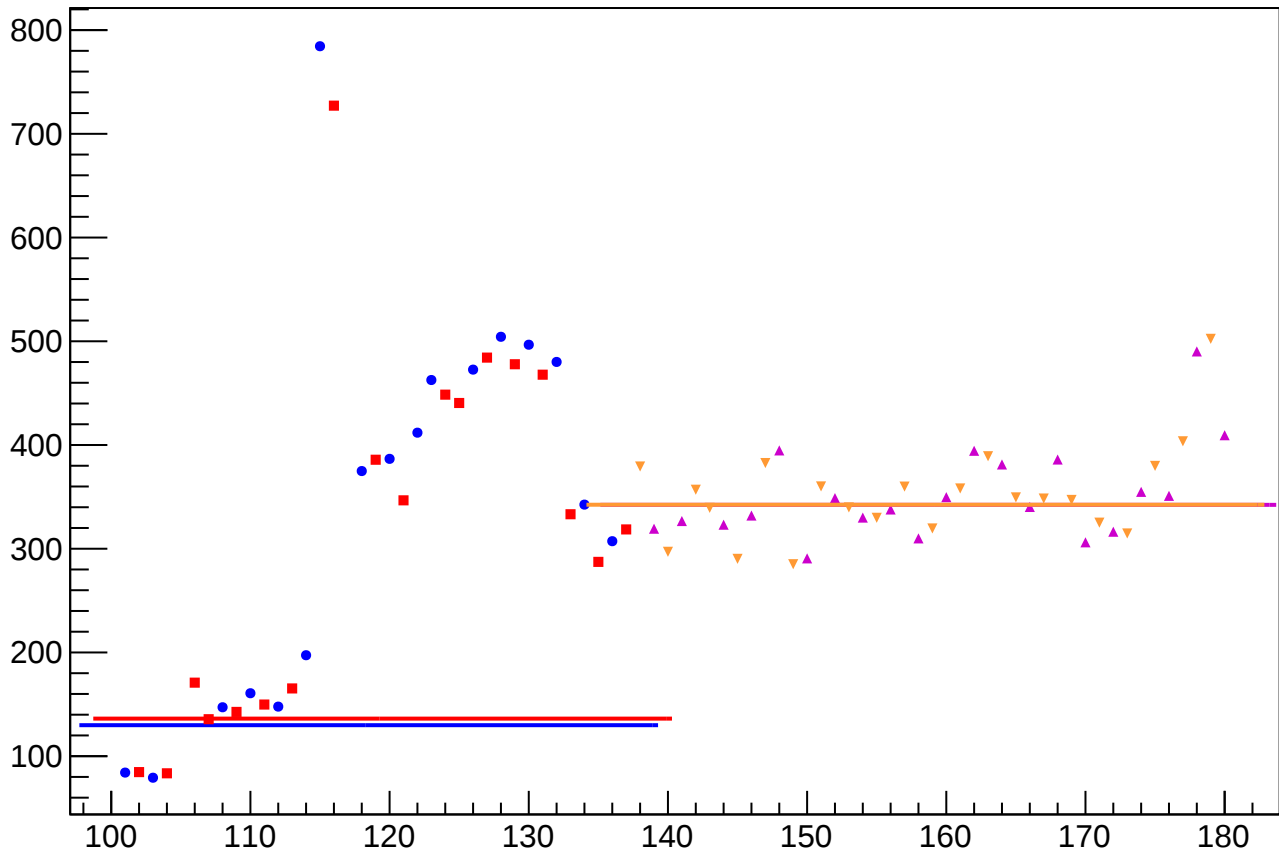
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 47.635 $\pm$ 50.650 χ^2 /NDF:55.9/37

Out: 143.938 $\pm$ 50.120 χ^2 /NDF:41.6/39

All: 96.293 $\pm$ 35.626 χ^2 /NDF: 99.3/77

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 342.426+/-0.060 χ^2/NDF : 454236.8/21

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 342.304+/-0.060 χ^2/NDF : 405340.4/20

Left: 342.365+/-0.042 χ^2/NDF : 859579.3/42

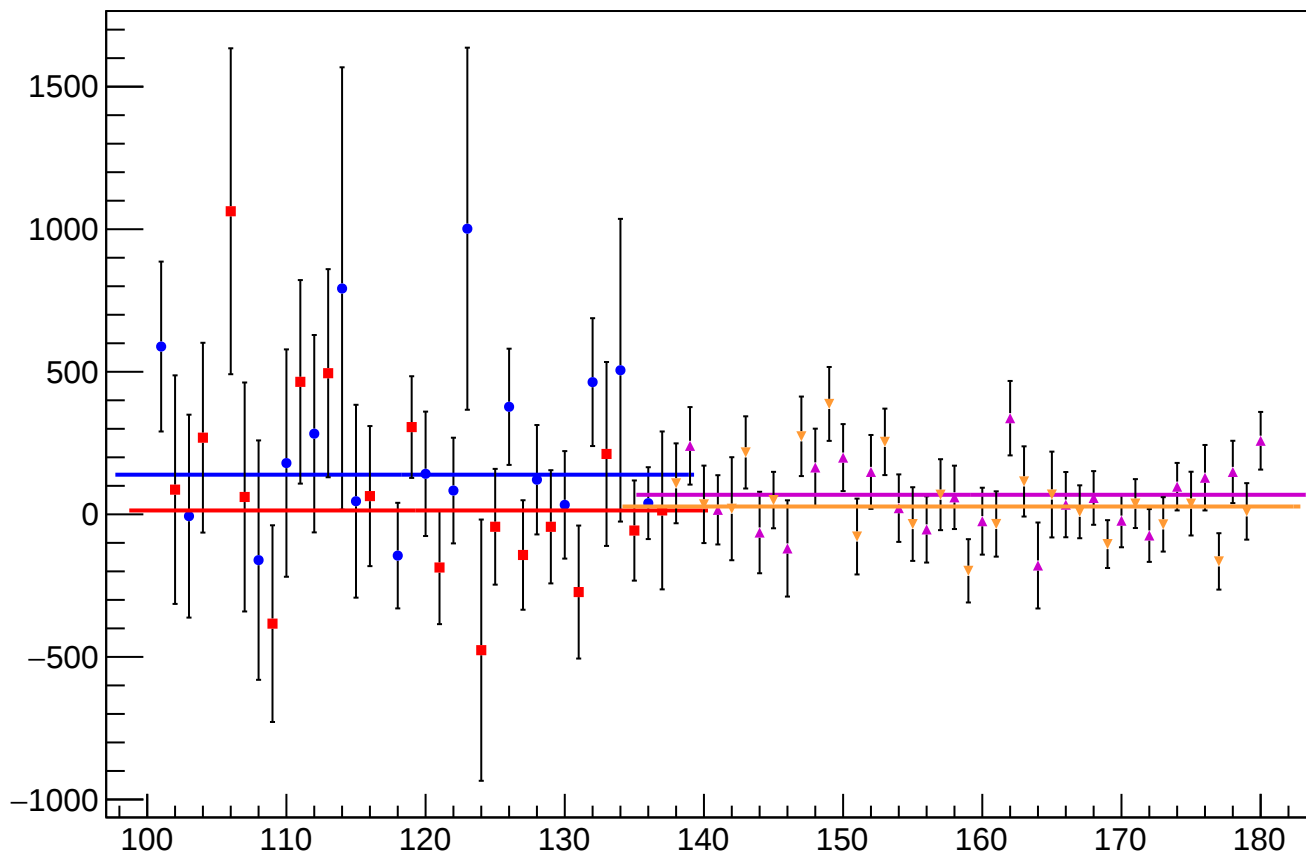
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 205.557+/-0.036 χ^2/NDF : 13302194.3/37

Out: 208.671+/-0.035 χ^2/NDF : 12451913.5/39

All: 207.130+/-0.025 χ^2/NDF : 25757926.7/77

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: 27.502 $\pm$ 24.102 χ^2 /NDF:30.0/21

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 68.600 $\pm$ 24.877 χ^2 /NDF:22.7/20

Left: 47.401 $\pm$ 17.310 χ^2 /NDF: 54.1/42

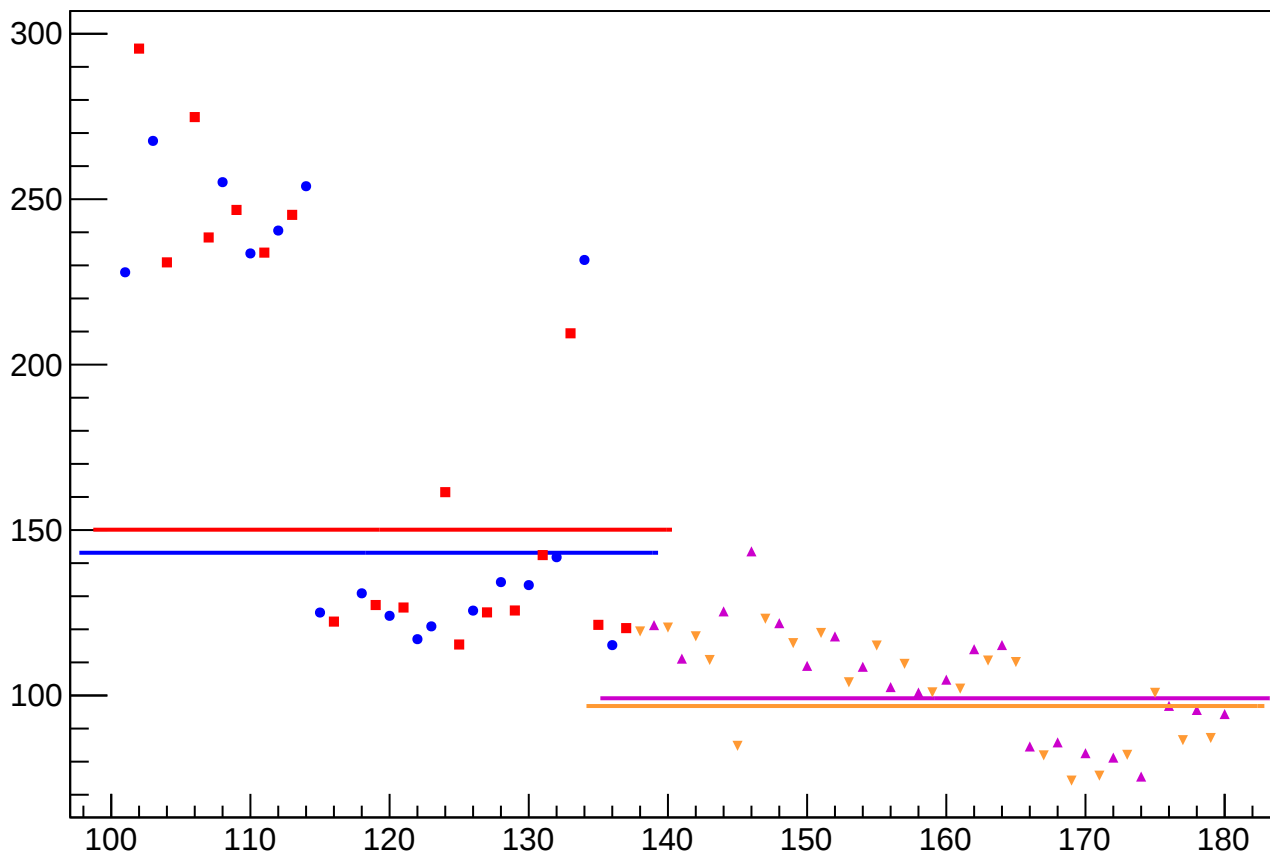
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 79.560 $\pm$ 22.862 χ^2 /NDF:37.0/37

Out: 25.583 $\pm$ 22.371 χ^2 /NDF:46.5/39

All: 51.986 $\pm$ 15.989 χ^2 /NDF: 86.3/77

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: 96.813 $\pm$ 0.017 χ^2 /NDF: 887167.0/21

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.161 $\pm$ 0.018 χ^2 /NDF: 837495.5/20

Left: 97.950 $\pm$ 0.012 χ^2 /NDF: 1733850.4/42

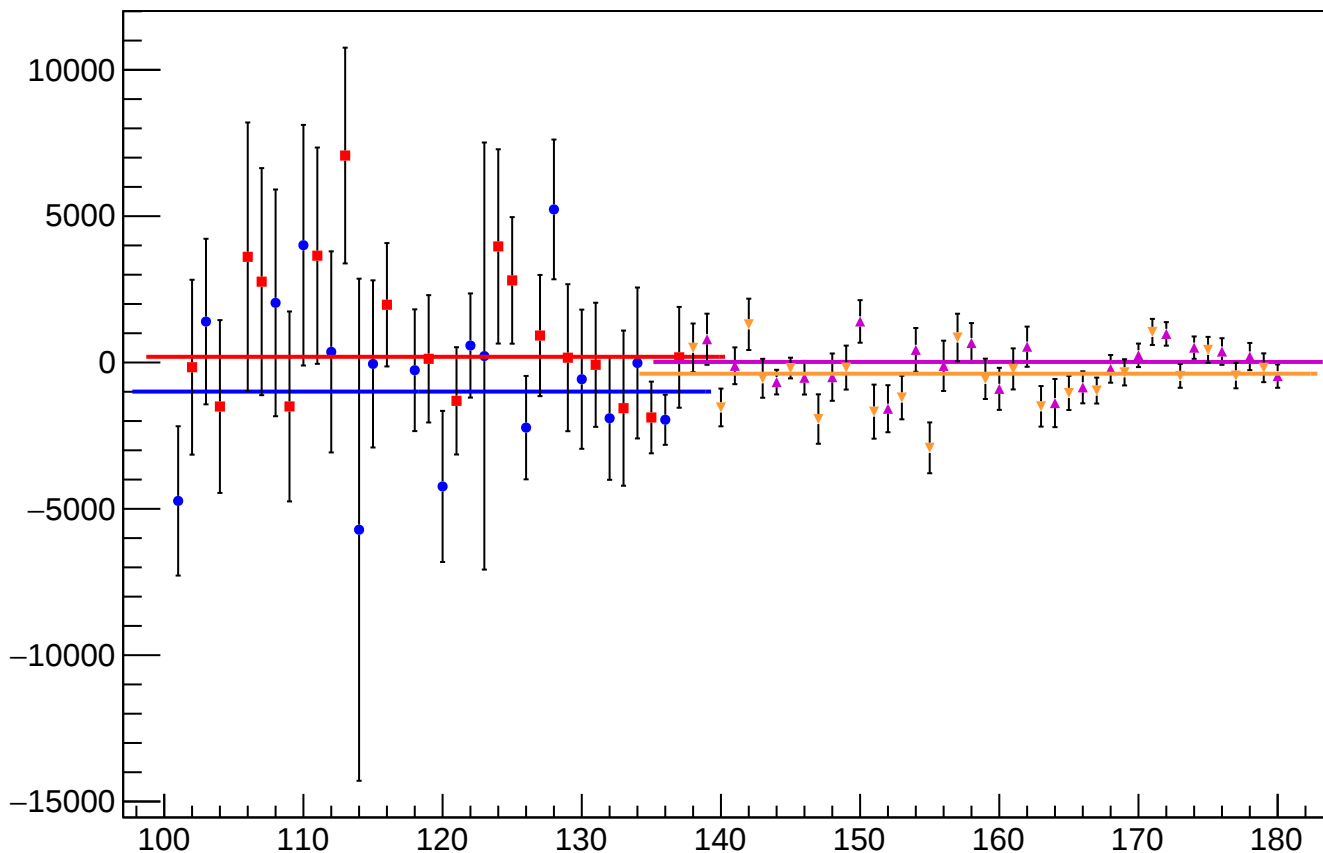
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.998 $\pm$ 0.016 χ^2 /NDF: 2910510.2/37

Out: 104.191 $\pm$ 0.016 χ^2 /NDF: 3573779.8/39

All: 105.075 $\pm$ 0.011 χ^2 /NDF: 6490672.4/77

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -382.141+/-120.145 χ^2/NDF : 45.4/21

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: 19.118+/-118.574 χ^2/NDF : 31.4/20

Left: -178.871+/-84.395 χ^2/NDF : 82.4/42

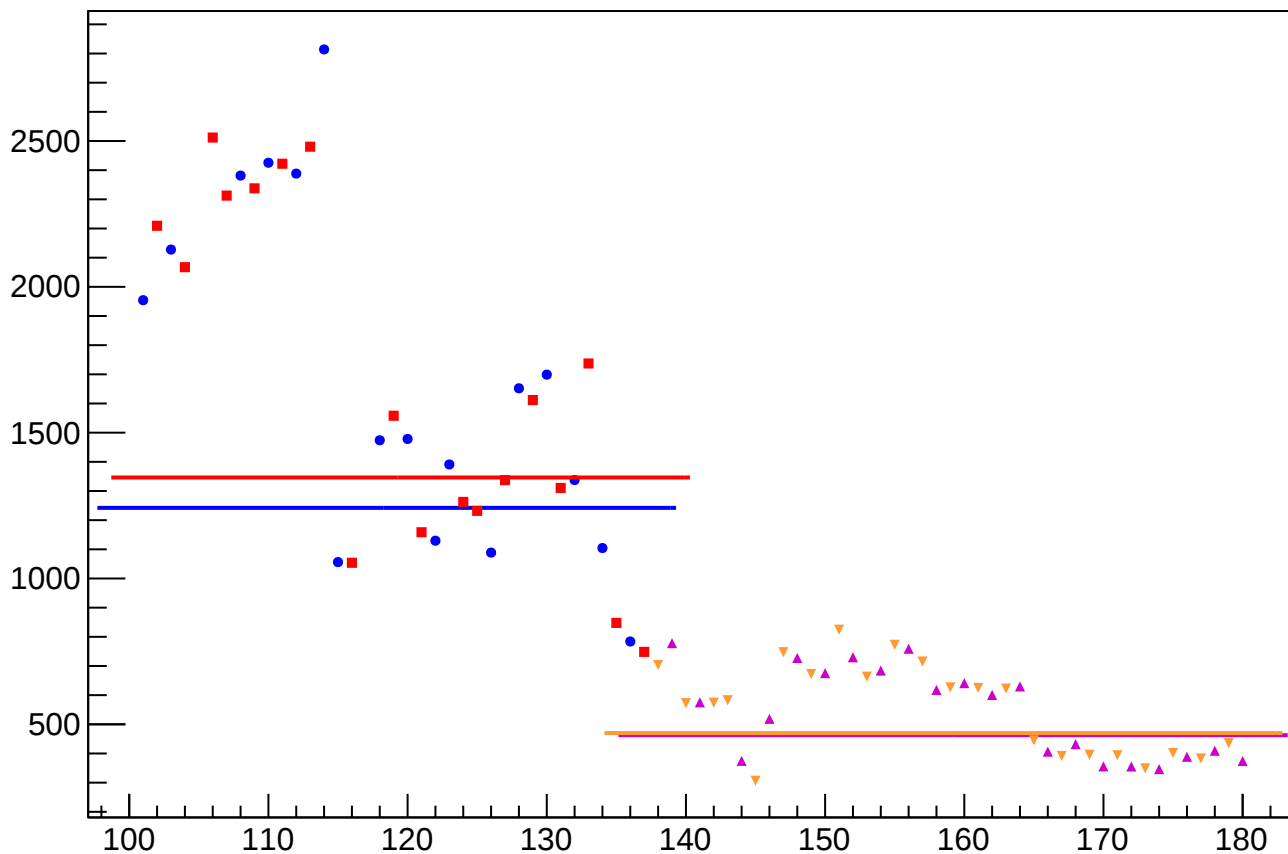
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -31.600+/-115.568 χ^2/NDF : 52.0/37

Out: -355.280+/-117.316 χ^2/NDF : 60.0/39

All: -191.010+/-82.330 χ^2/NDF : 115.8/77

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 470.042+/-0.085 χ^2/NDF : 2729832.0/21

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 462.752+/-0.084 χ^2/NDF : 2520678.7/20

Left: 466.349+/-0.060 χ^2/NDF : 5254241.0/42

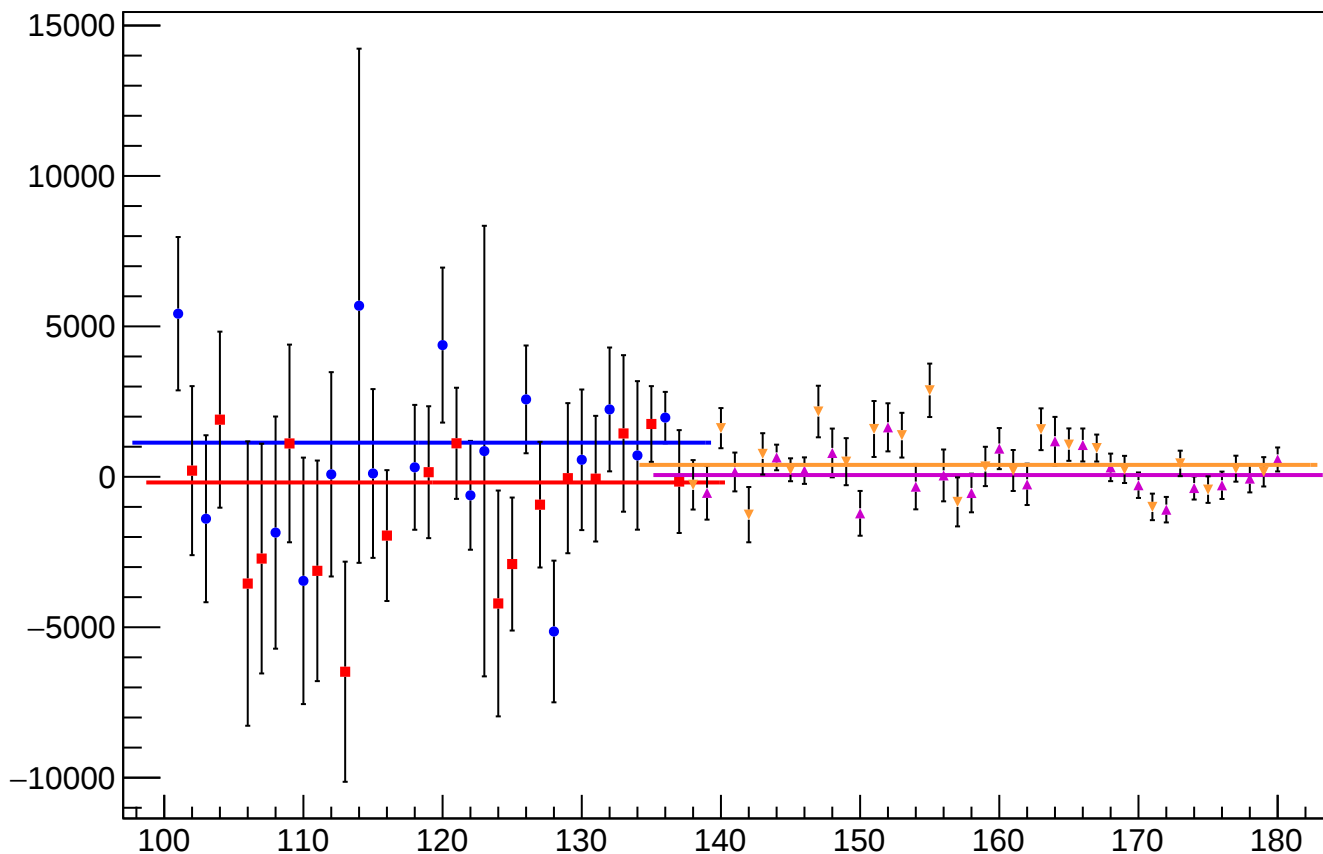
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 501.779+/-0.082 χ^2/NDF : 8615090.1/37

Out: 510.823+/-0.083 χ^2/NDF : 9490354.6/39

All: 506.233+/-0.058 χ^2/NDF : 18111476.7/77

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 396.542+/-121.257 χ^2/NDF : 45.6/21

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 58.764+/-117.497 χ^2/NDF : 30.3/20

Left: 222.334+/-84.381 χ^2/NDF : 79.8/42

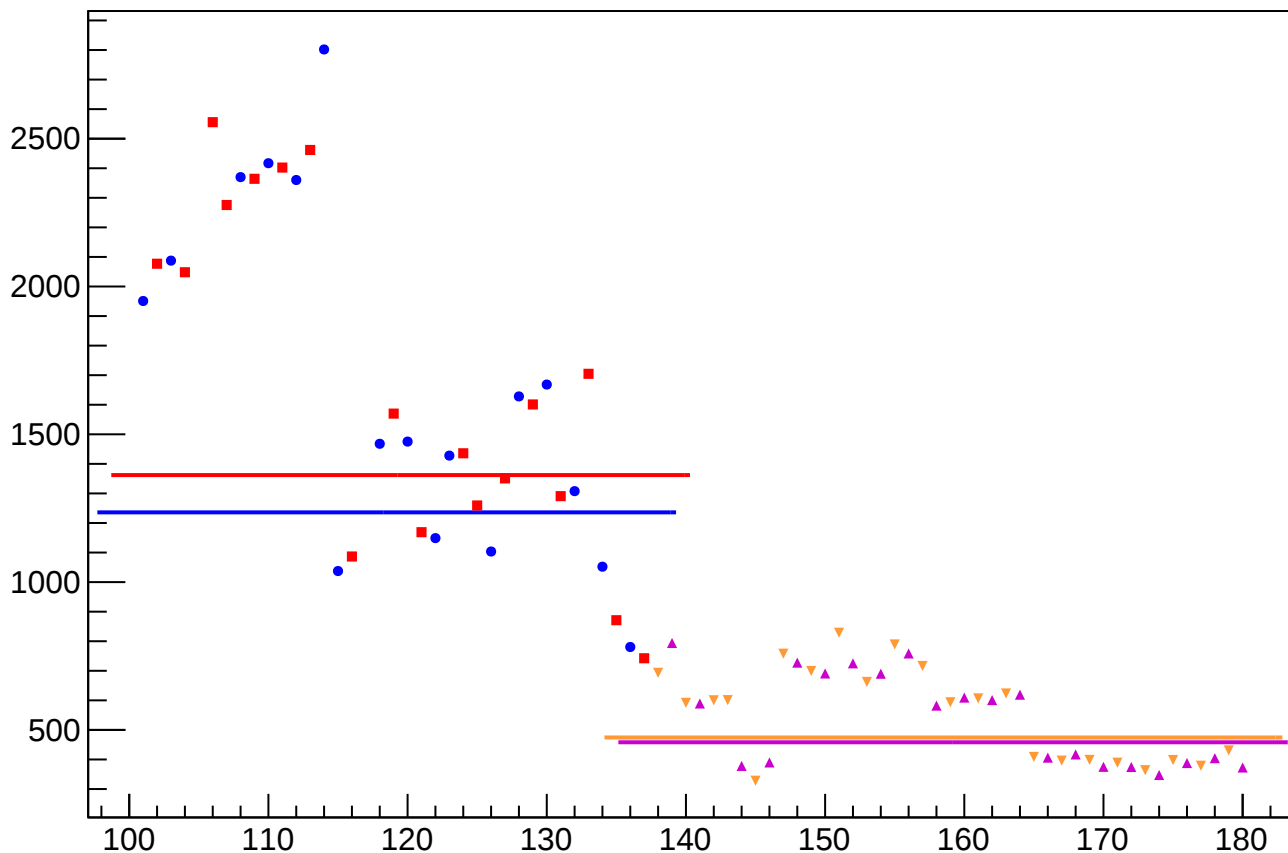
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 112.266+/-114.540 χ^2/NDF : 52.2/37

Out: 369.299+/-118.395 χ^2/NDF : 58.6/39

All: 236.529+/-82.321 χ^2/NDF : 113.3/77

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 474.457+/-0.086 χ^2/NDF : 2600566.1/21

Right Out: 1362.092+/-0.388 χ^2/NDF : 1709253.2/17

Left In: 458.207+/-0.083 χ^2/NDF : 2417991.8/20

Left: 466.076+/-0.060 χ^2/NDF : 5037082.0/42

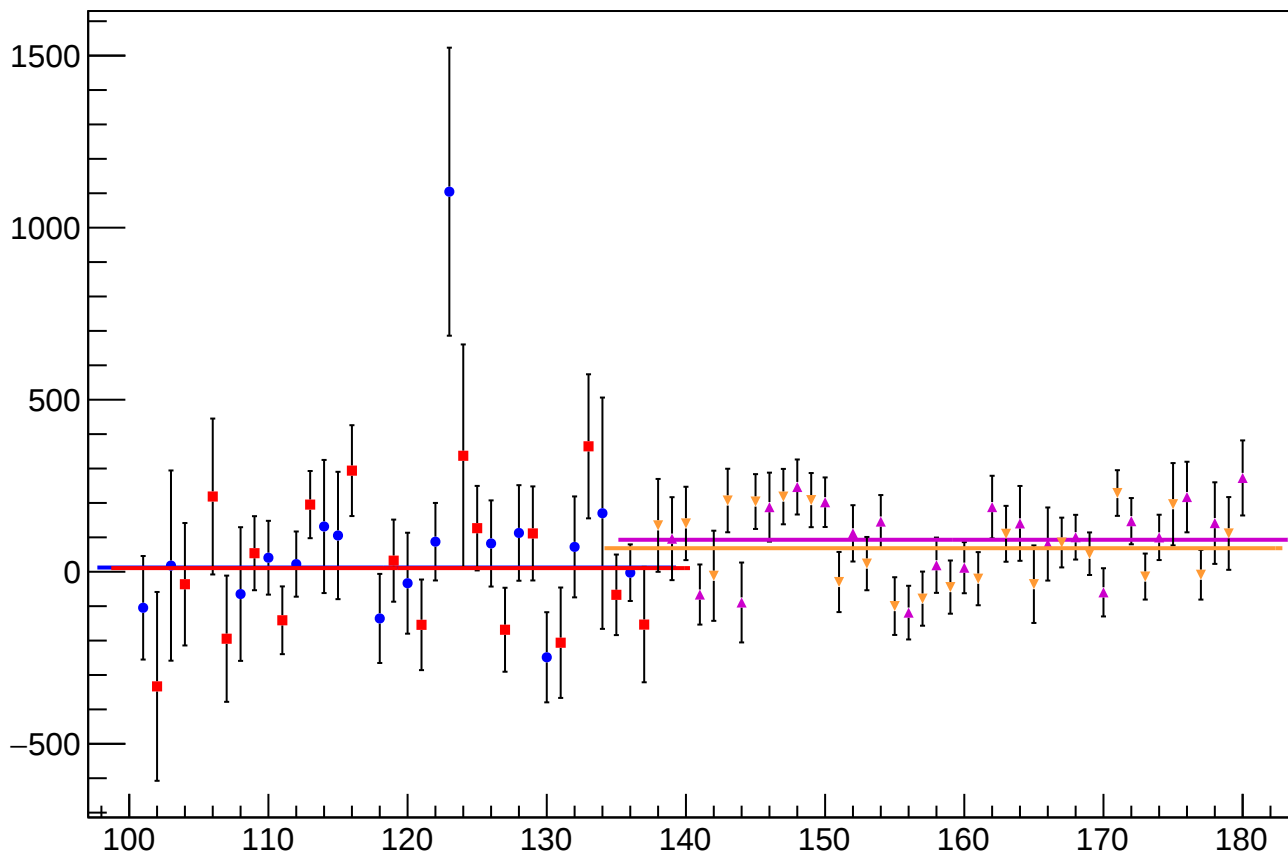
Right: 1294.931+/-0.265 χ^2/NDF : 3511356.6/34

In: 496.862+/-0.081 χ^2/NDF : 8518942.4/37

Out: 515.860+/-0.084 χ^2/NDF : 9308898.2/39

All: 506.047+/-0.058 χ^2/NDF : 17854442.4/77

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: 68.464 $\pm$ 17.641 χ^2 /NDF:36.4/21

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 92.981 $\pm$ 18.325 χ^2 /NDF:33.7/20

Left: 80.256 $\pm$ 12.709 χ^2 /NDF: 71.0/42

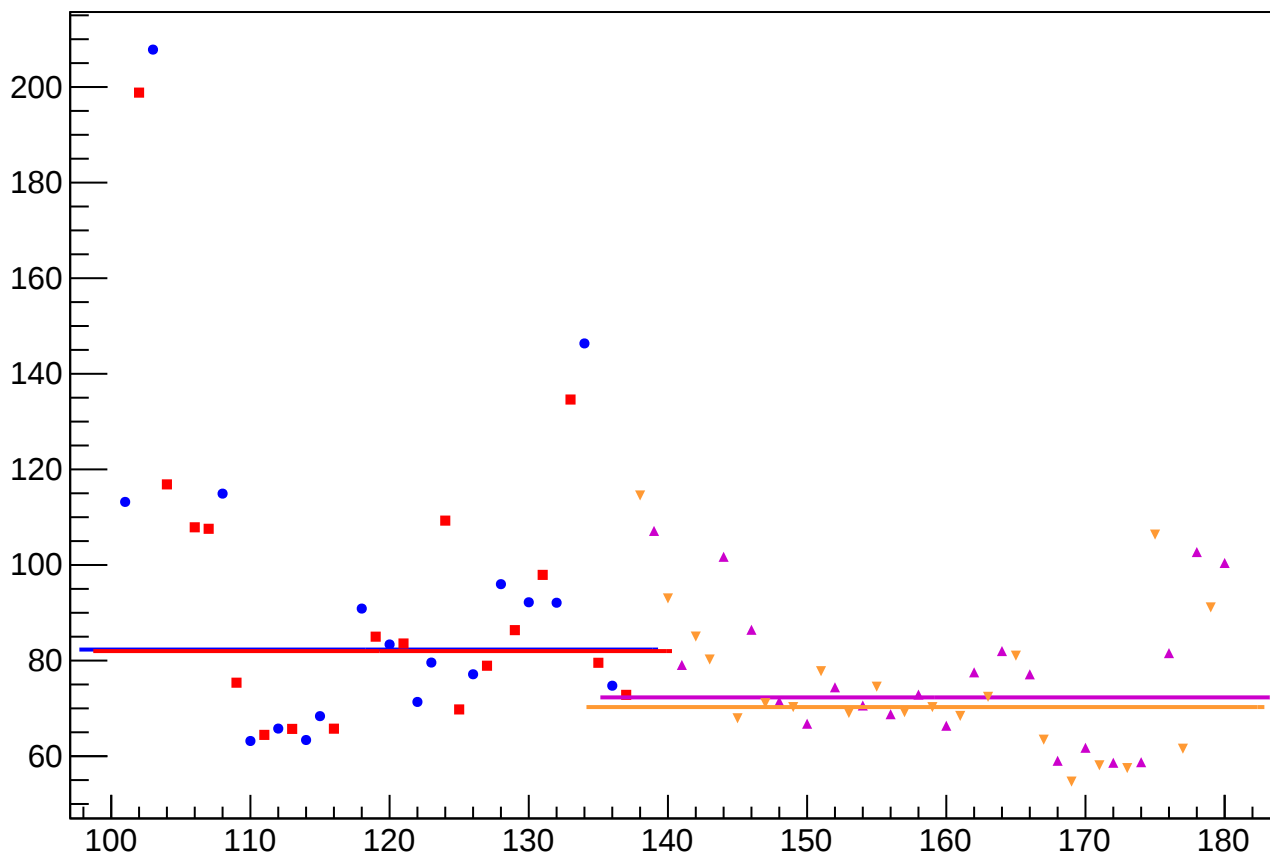
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 74.167 $\pm$ 16.046 χ^2 /NDF:53.5/37

Out: 55.359 $\pm$ 15.516 χ^2 /NDF:65.6/39

All: 64.447 $\pm$ 11.154 χ^2 /NDF: 119.9/77

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 70.274 $\pm$ 0.012 χ^2 /NDF: 972495.6/21

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 72.300 $\pm$ 0.013 χ^2 /NDF: 982046.3/20

Left: 71.249 $\pm$ 0.009 χ^2 /NDF: 1967227.5/42

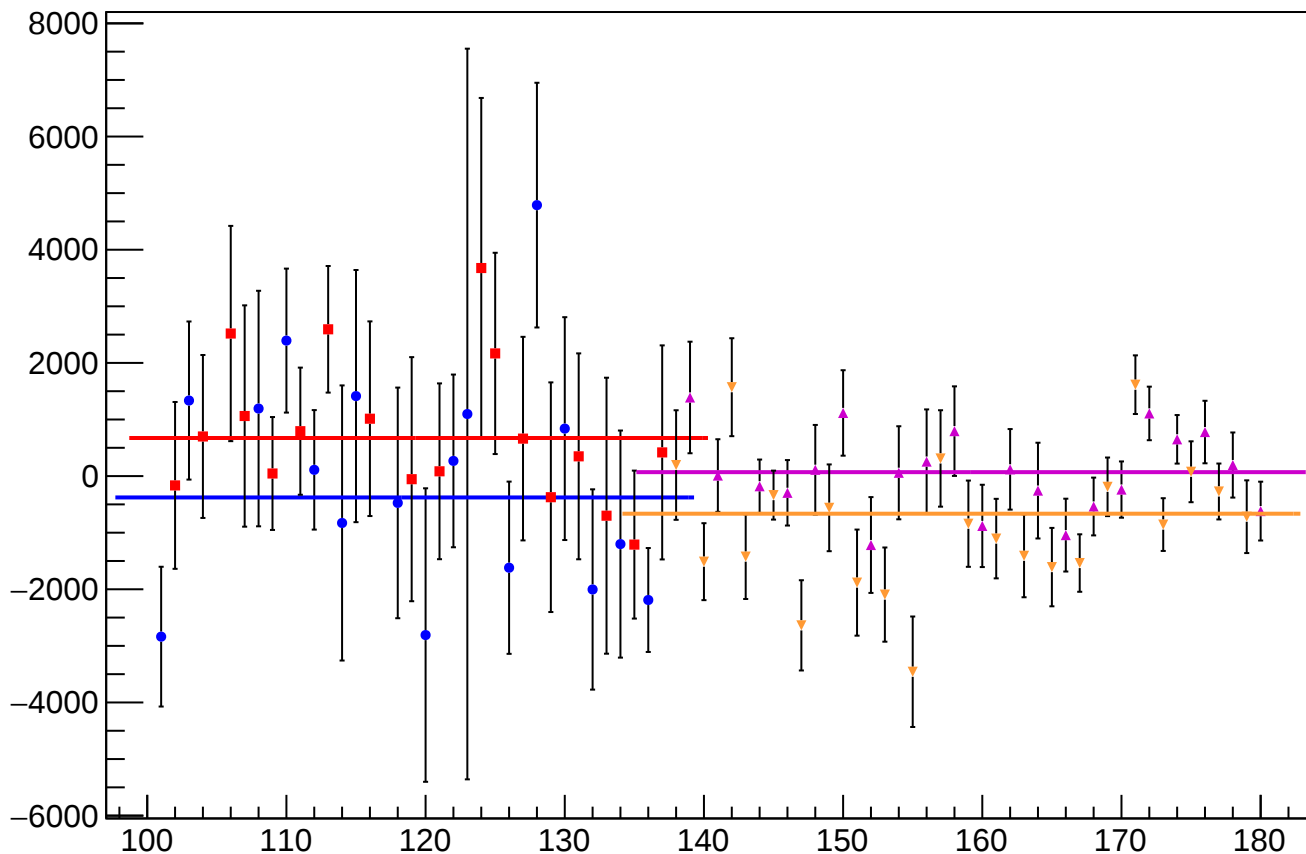
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 74.634 $\pm$ 0.011 χ^2 /NDF: 1989849.6/37

Out: 72.927 $\pm$ 0.011 χ^2 /NDF: 2025366.8/39

All: 73.751 $\pm$ 0.008 χ^2 /NDF: 4026913.6/77

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: -664.556 ± 136.611 $\chi^2/\text{NDF}: 60.1/21$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 69.630 ± 134.353 $\chi^2/\text{NDF}: 24.3/20$

Left: -291.344 ± 95.790 $\chi^2/\text{NDF}: 99.1/42$

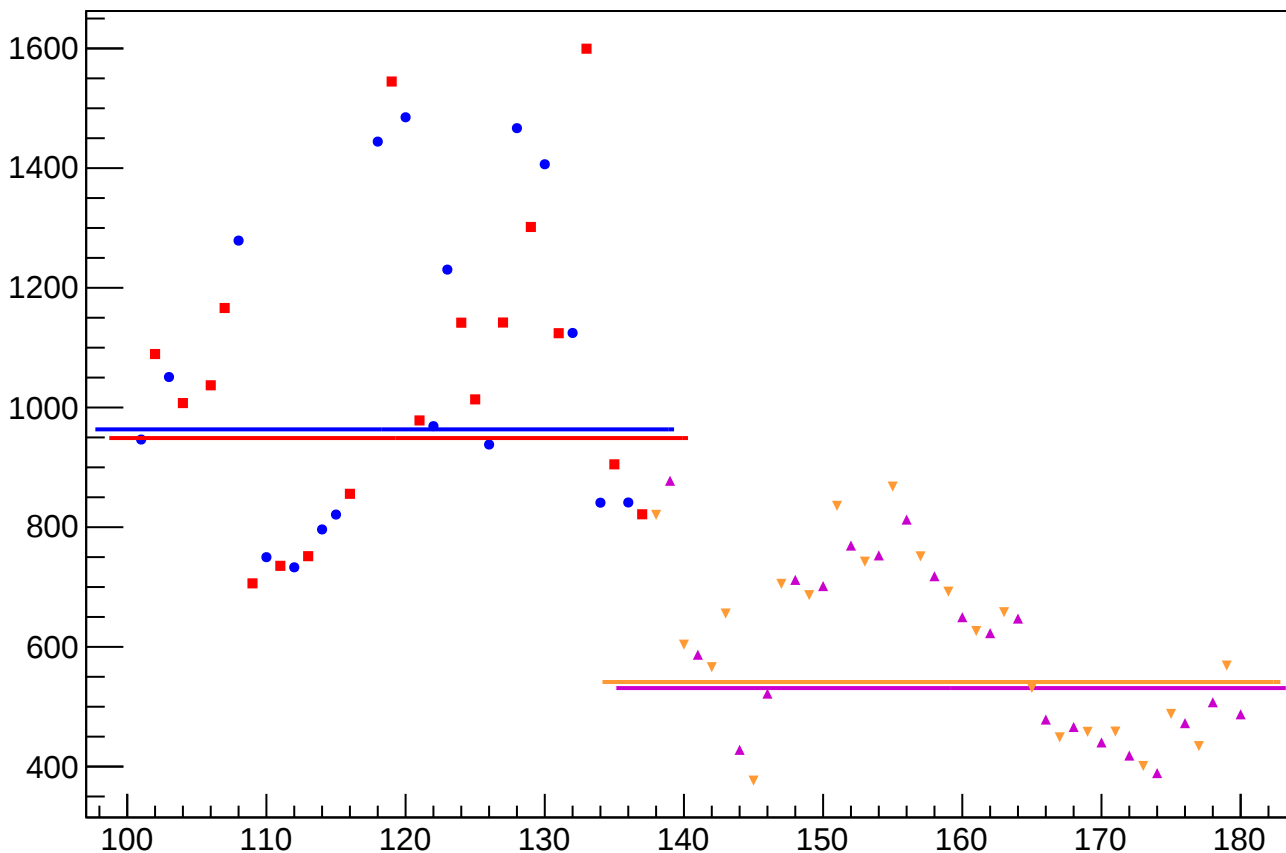
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: 20.860 ± 126.811 $\chi^2/\text{NDF}: 50.0/37$

Out: -503.013 ± 128.098 $\chi^2/\text{NDF}: 81.0/39$

All: -238.433 ± 90.120 $\chi^2/\text{NDF}: 139.5/77$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2/NDF : 688873.3/16

Left Out: 541.297 $\pm$ 0.097 χ^2/NDF :1964223.1/21

Right Out: 948.947 $\pm$ 0.261 χ^2/NDF : 729378.3/17

Left In: 531.167 $\pm$ 0.095 χ^2/NDF :1775884.2/20

Left: 536.148 $\pm$ 0.068 χ^2/NDF : 3745698.2/42

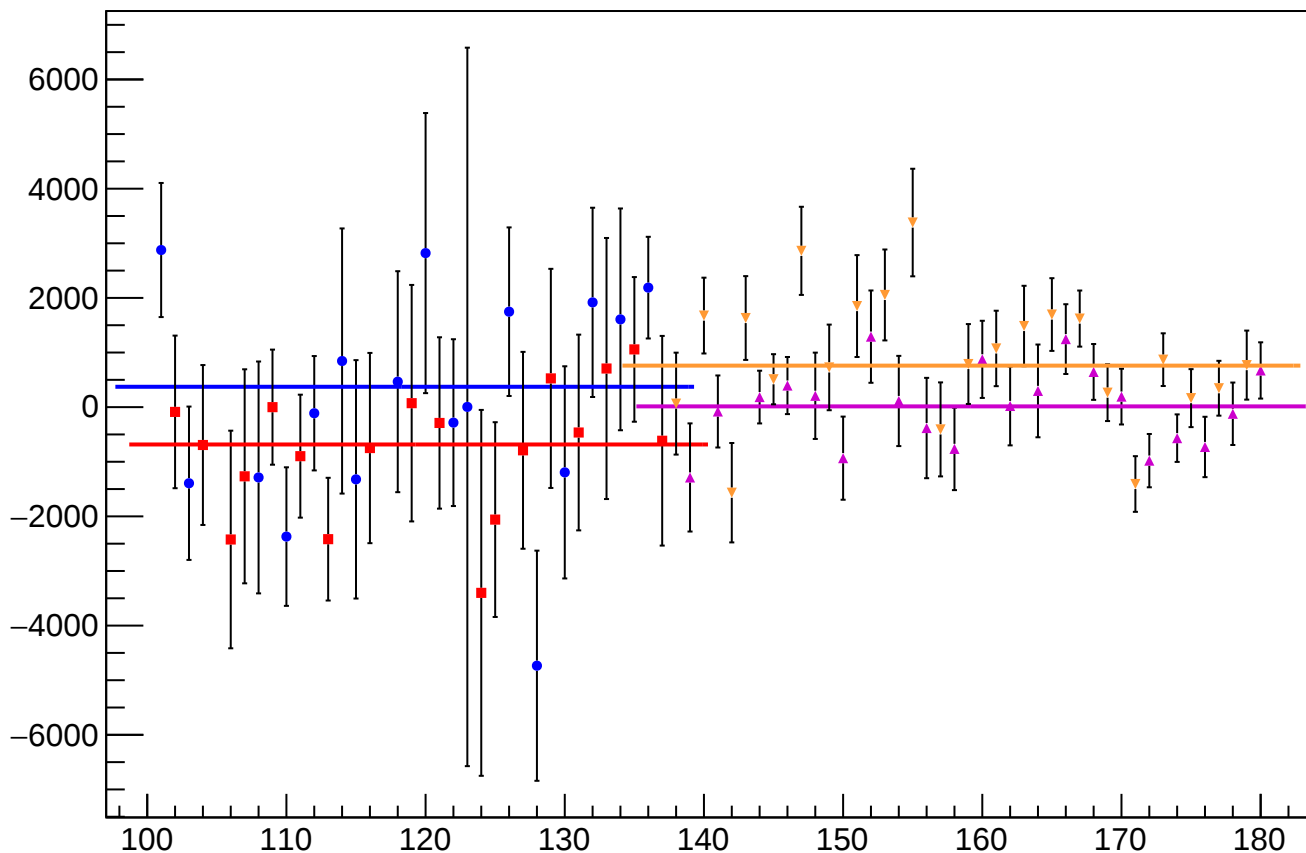
Right: 955.914 $\pm$ 0.188 χ^2/NDF : 1419740.5/34

In: 578.337 $\pm$ 0.090 χ^2/NDF :4724177.8/37

Out: 590.524 $\pm$ 0.091 χ^2/NDF :4844140.0/39

All: 584.369 $\pm$ 0.064 χ^2/NDF : 9577460.2/77

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 760.234 $\pm$ 137.703 χ^2 /NDF: 56.9/21

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: 13.949 $\pm$ 134.340 χ^2 /NDF: 23.9/20

Left: 377.866 $\pm$ 96.160 χ^2 /NDF: 95.9/42

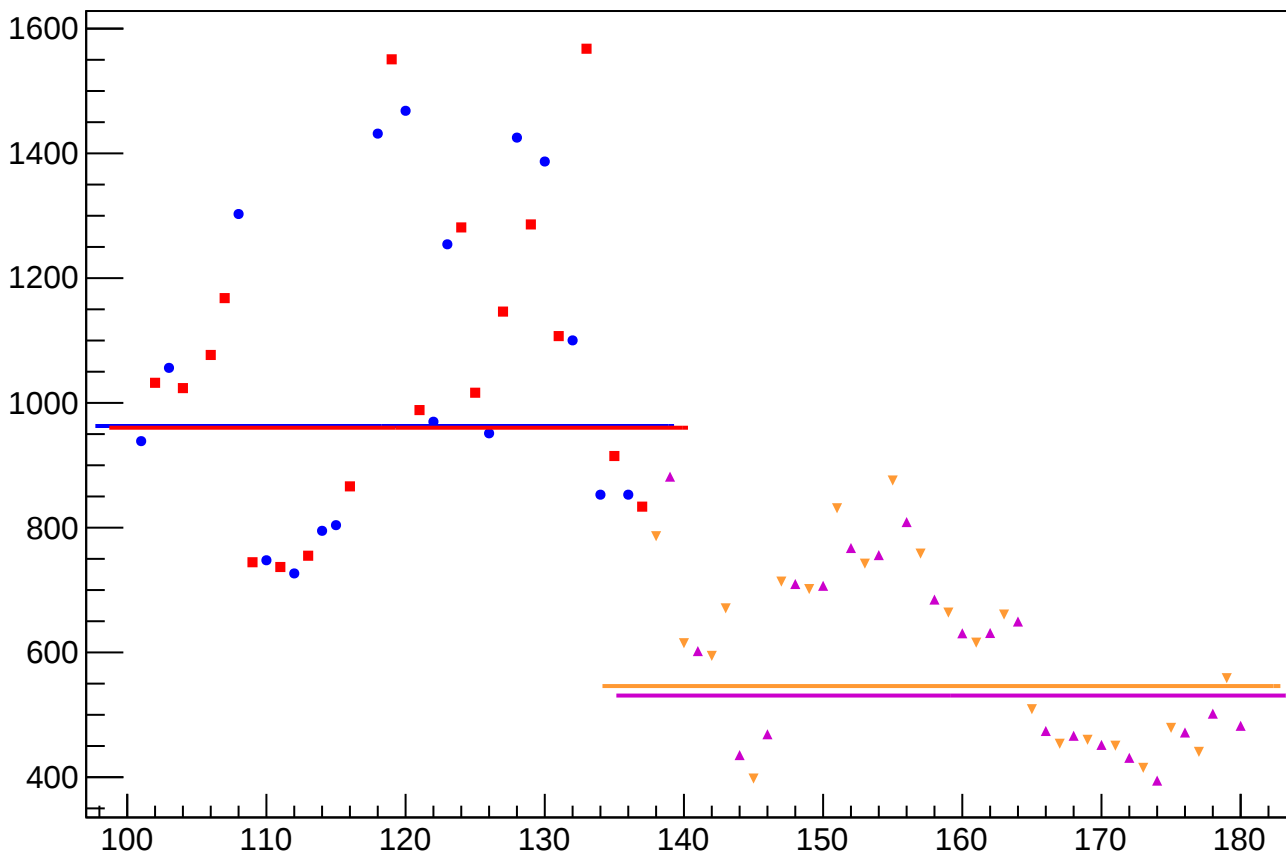
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 53.152 $\pm$ 126.792 χ^2 /NDF: 50.0/37

Out: 586.575 $\pm$ 129.157 χ^2 /NDF: 77.8/39

All: 314.935 $\pm$ 90.480 χ^2 /NDF: 136.5/77

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 546.089 $\pm$ 0.097 χ^2 /NDF:1813048.3/21

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 530.868 $\pm$ 0.095 χ^2 /NDF:1700974.6/20

Left: 538.290 $\pm$ 0.068 χ^2 /NDF: 3526541.6/42

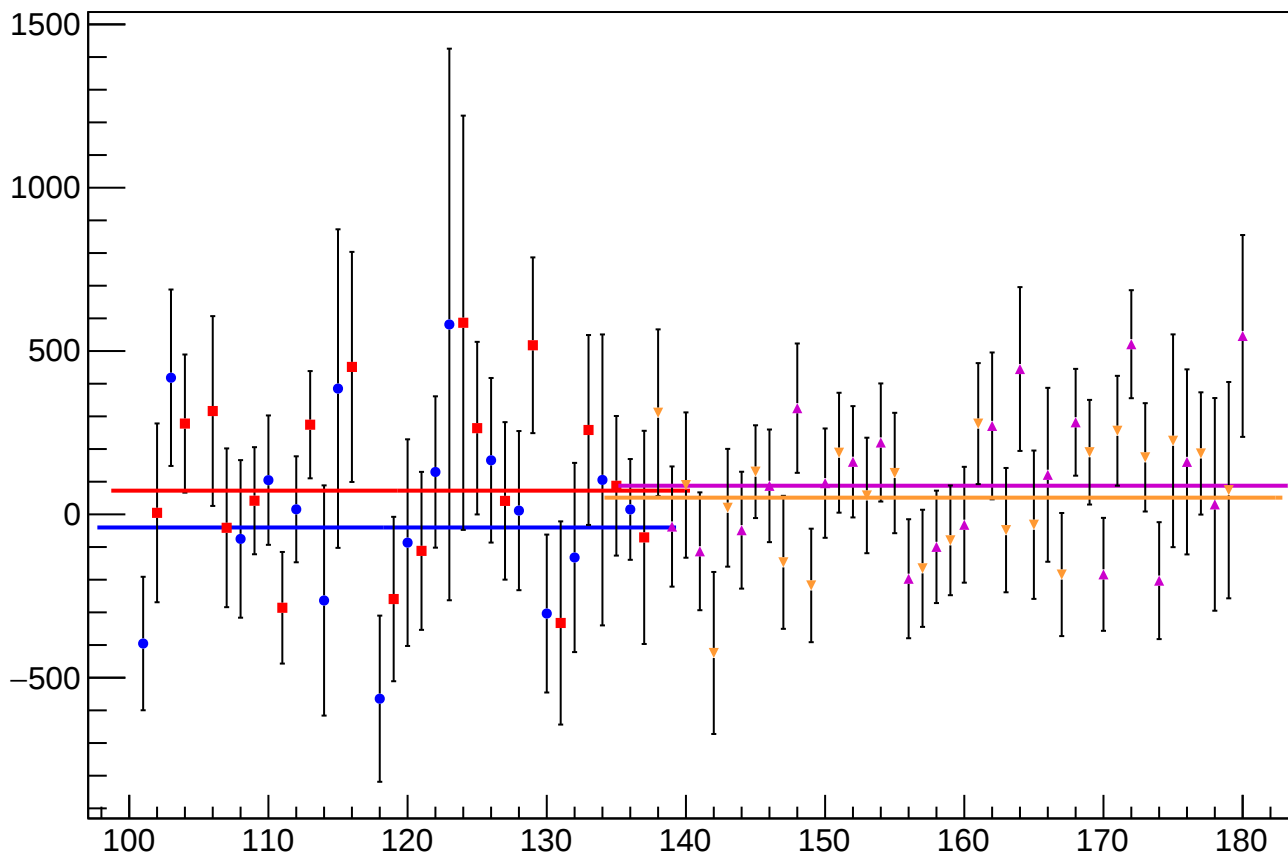
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 578.061 $\pm$ 0.090 χ^2 /NDF:4628343.1/37

Out: 595.898 $\pm$ 0.091 χ^2 /NDF:4659700.2/39

All: 586.815 $\pm$ 0.064 χ^2 /NDF: 9307468.6/77

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 51.172 ± 40.514 χ^2/NDF : 18.3/21

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 87.705 ± 41.959 χ^2/NDF : 26.9/20

Left: 68.798 ± 29.145 χ^2/NDF : 45.6/42

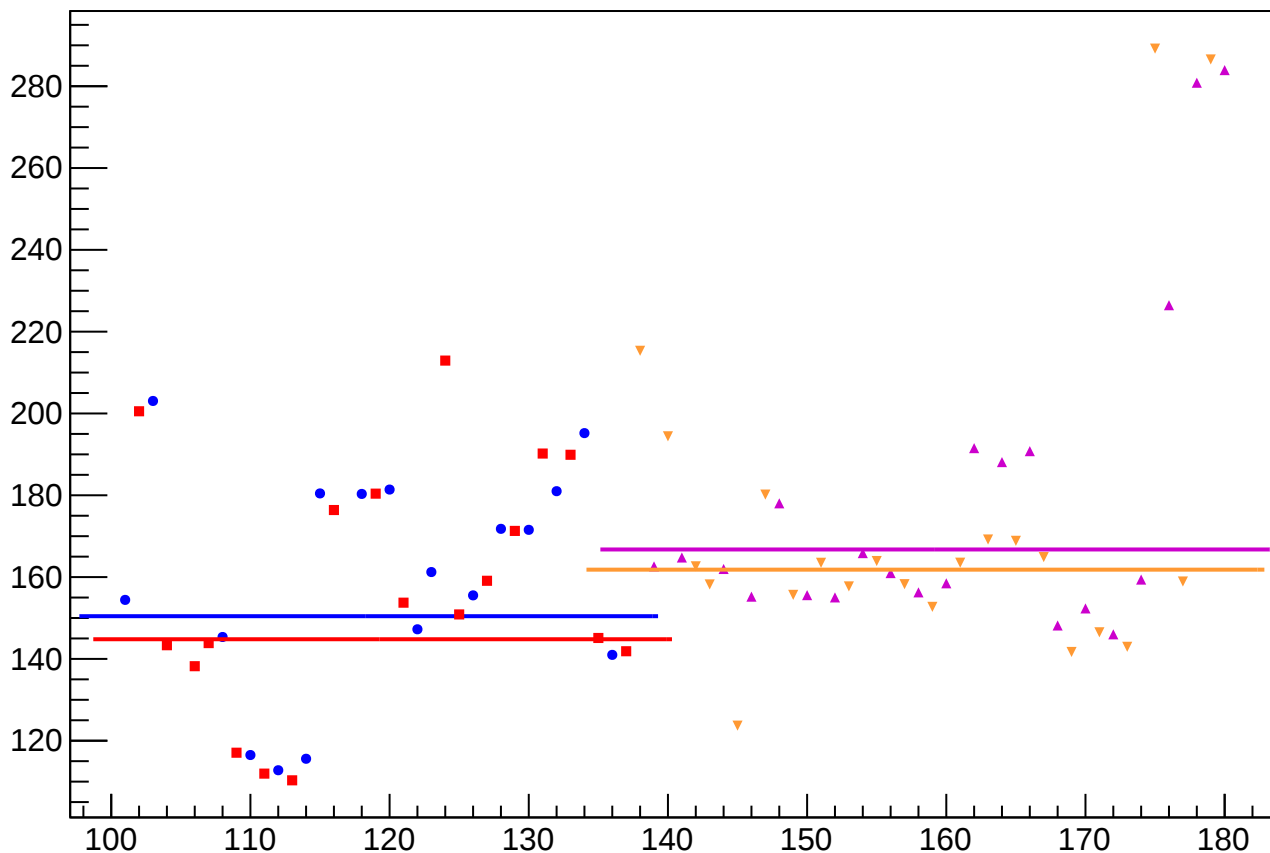
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 45.017 ± 34.243 χ^2/NDF : 45.3/37

Out: 58.482 ± 32.887 χ^2/NDF : 36.0/39

All: 52.021 ± 23.720 χ^2/NDF : 81.4/77

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: 161.818 $\pm$ 0.029 χ^2/NDF : 972560.1/21

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 166.752 $\pm$ 0.030 χ^2/NDF : 802255.8/20

Left: 164.199 $\pm$ 0.021 χ^2/NDF : 1789125.8/42

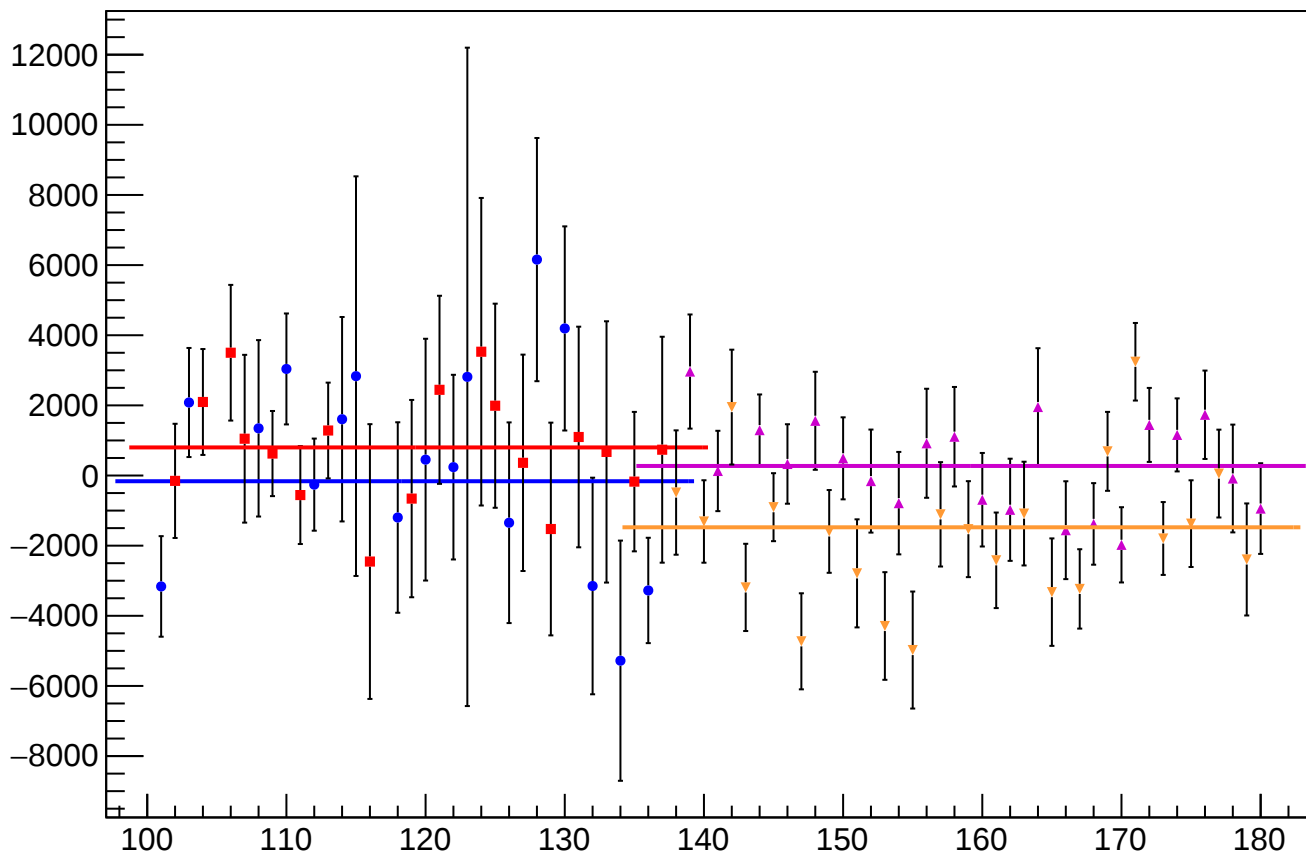
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 161.305 $\pm$ 0.024 χ^2/NDF : 1303299.2/37

Out: 156.016 $\pm$ 0.023 χ^2/NDF : 1596683.1/39

All: 158.554 $\pm$ 0.017 χ^2/NDF : 2924797.6/77

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: -1476.392 $\pm$ 277.482 χ^2 /NDF:49.4/21

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 272.616 $\pm$ 277.849 χ^2 /NDF:20.4/20

Left: -603.045 $\pm$ 196.339 χ^2 /NDF: 89.7/42

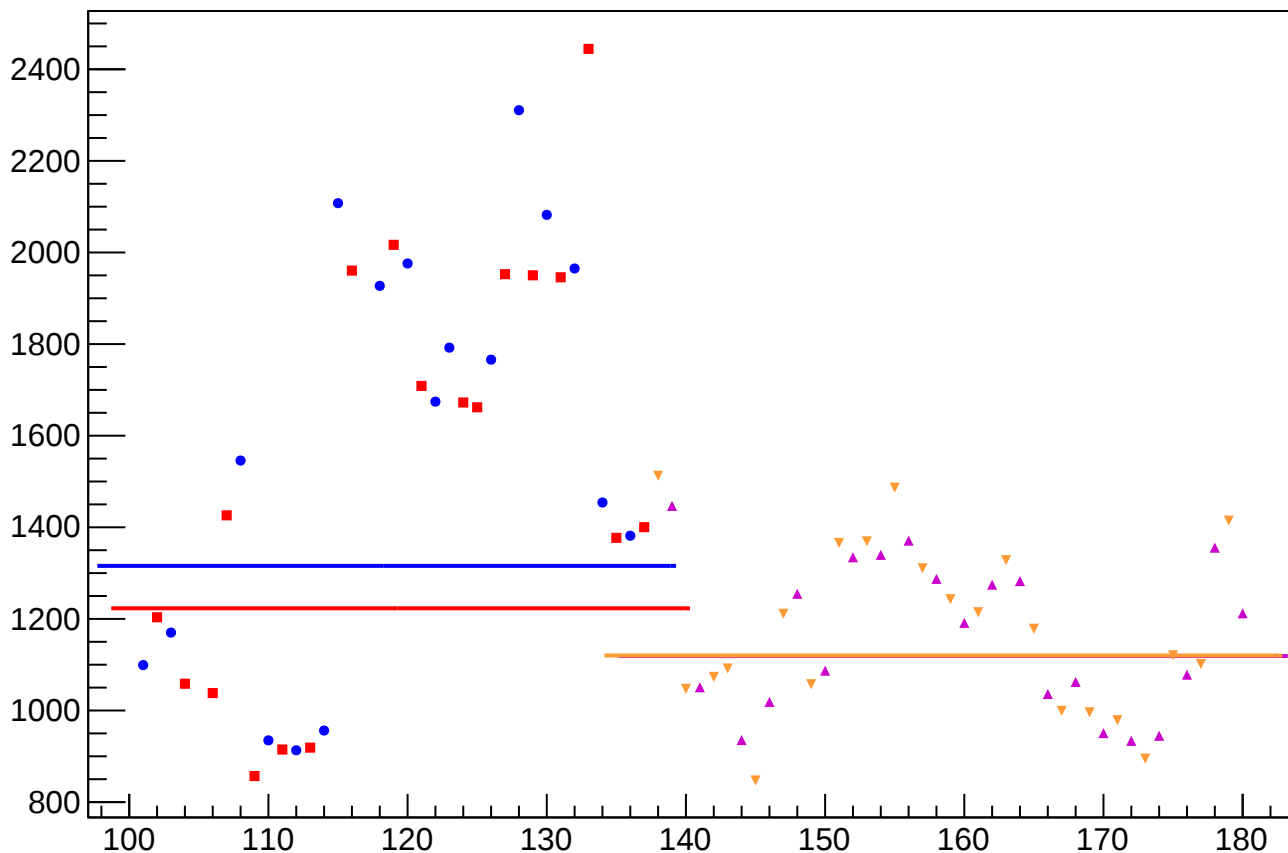
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 179.620 $\pm$ 246.398 χ^2 /NDF:46.0/37

Out: -917.535 $\pm$ 241.046 χ^2 /NDF:72.8/39

All: -381.004 $\pm$ 172.306 χ^2 /NDF: 129.0/77

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: 1120.116 $\pm$ 0.196 χ^2 /NDF: 824317.5/21

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1118.931 $\pm$ 0.196 χ^2 /NDF: 644908.9/20

Left: 1119.524 $\pm$ 0.139 χ^2 /NDF: 1469244.6/42

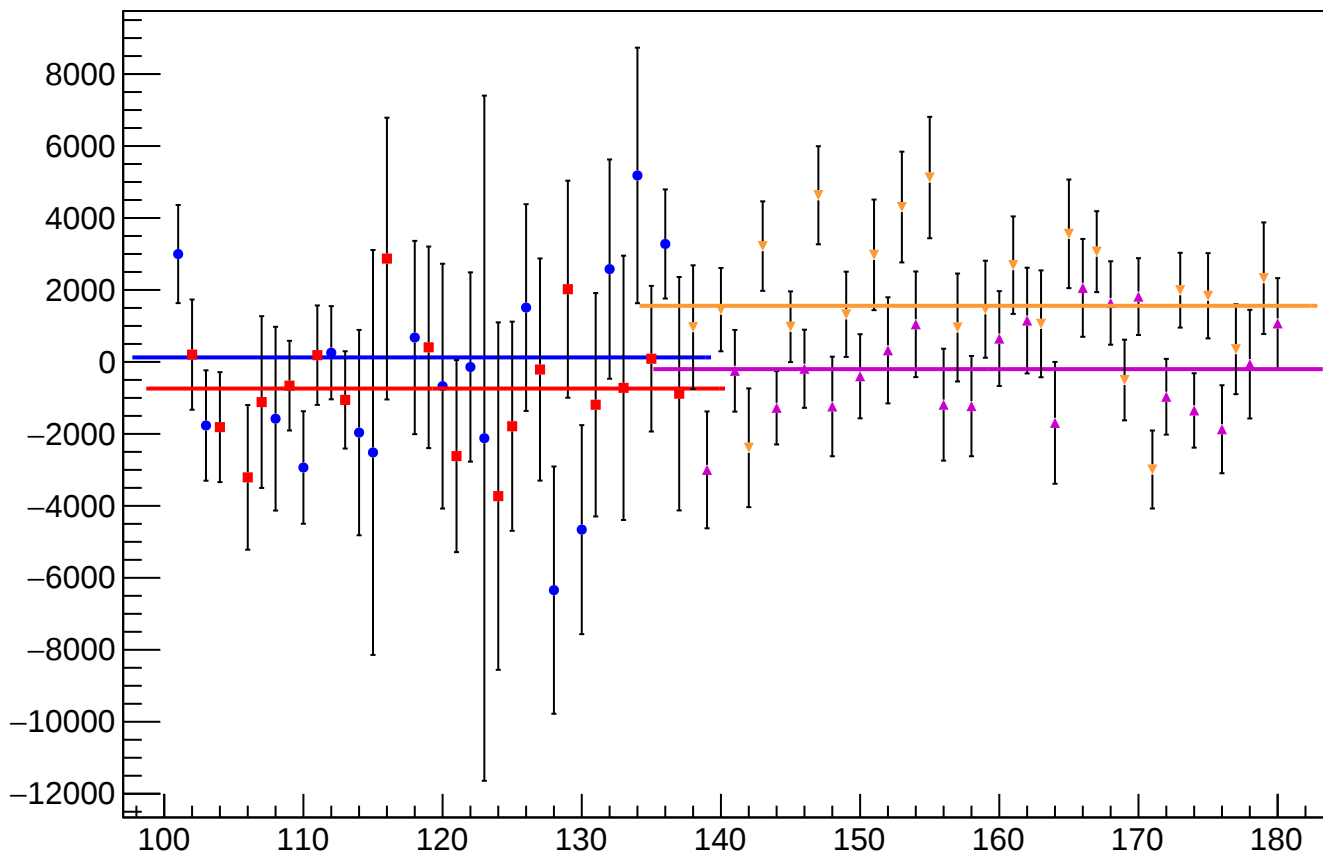
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1160.974 $\pm$ 0.174 χ^2 /NDF: 1977667.6/37

Out: 1145.405 $\pm$ 0.170 χ^2 /NDF: 2255074.2/39

All: 1153.019 $\pm$ 0.122 χ^2 /NDF: 4236821.8/77

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1559.946 $\pm$ 275.792 χ^2 /NDF:48.5/21

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -200.255 $\pm$ 275.187 χ^2 /NDF:22.0/20

Left: 677.912 $\pm$ 194.800 χ^2 /NDF: 91.0/42

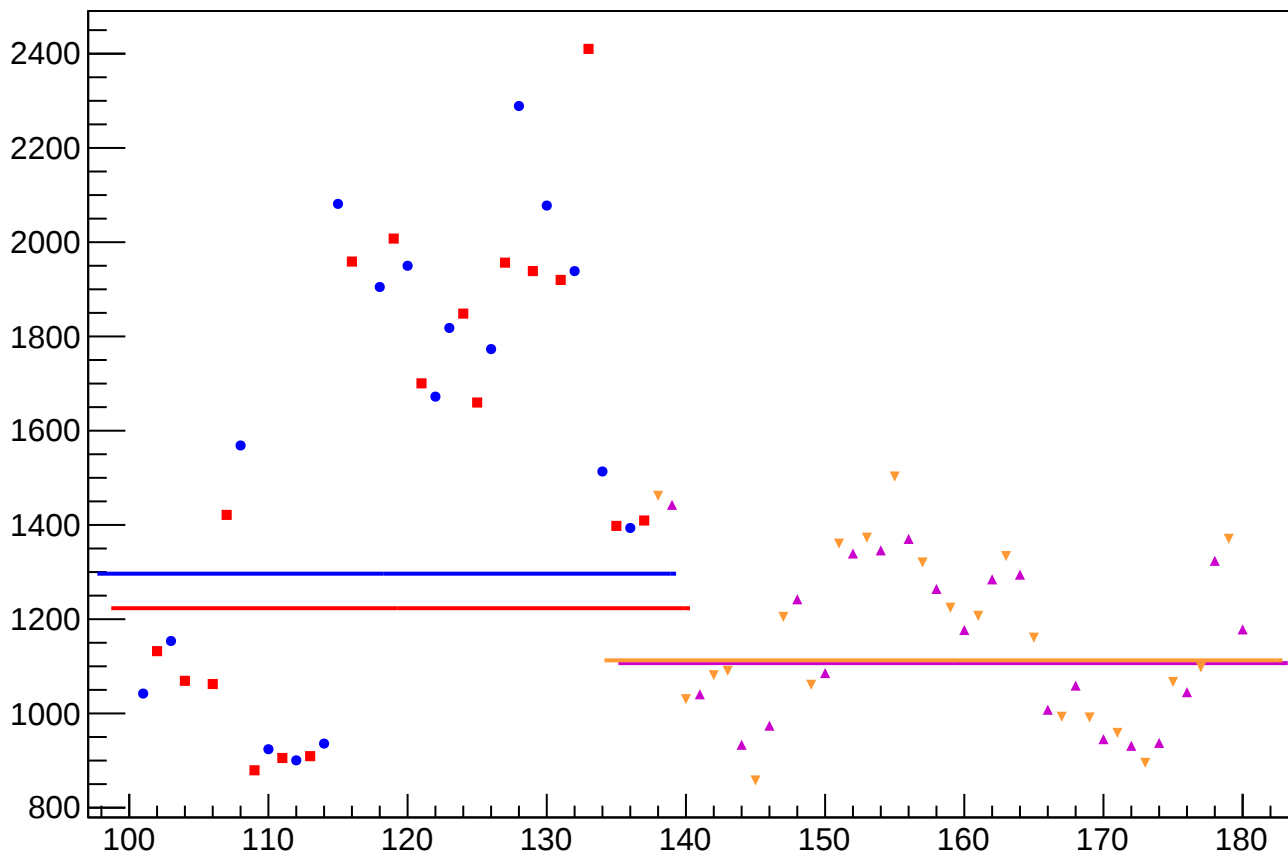
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -130.447 $\pm$ 243.913 χ^2 /NDF:47.0/37

Out: 1001.130 $\pm$ 239.959 χ^2 /NDF:71.4/39

All: 444.587 $\pm$ 171.058 χ^2 /NDF: 129.3/77

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.641 $\pm$ 0.195 χ^2 /NDF: 798620.0/21

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1106.801 $\pm$ 0.195 χ^2 /NDF: 667400.1/20

Left: 1109.714 $\pm$ 0.138 χ^2 /NDF: 1466469.5/42

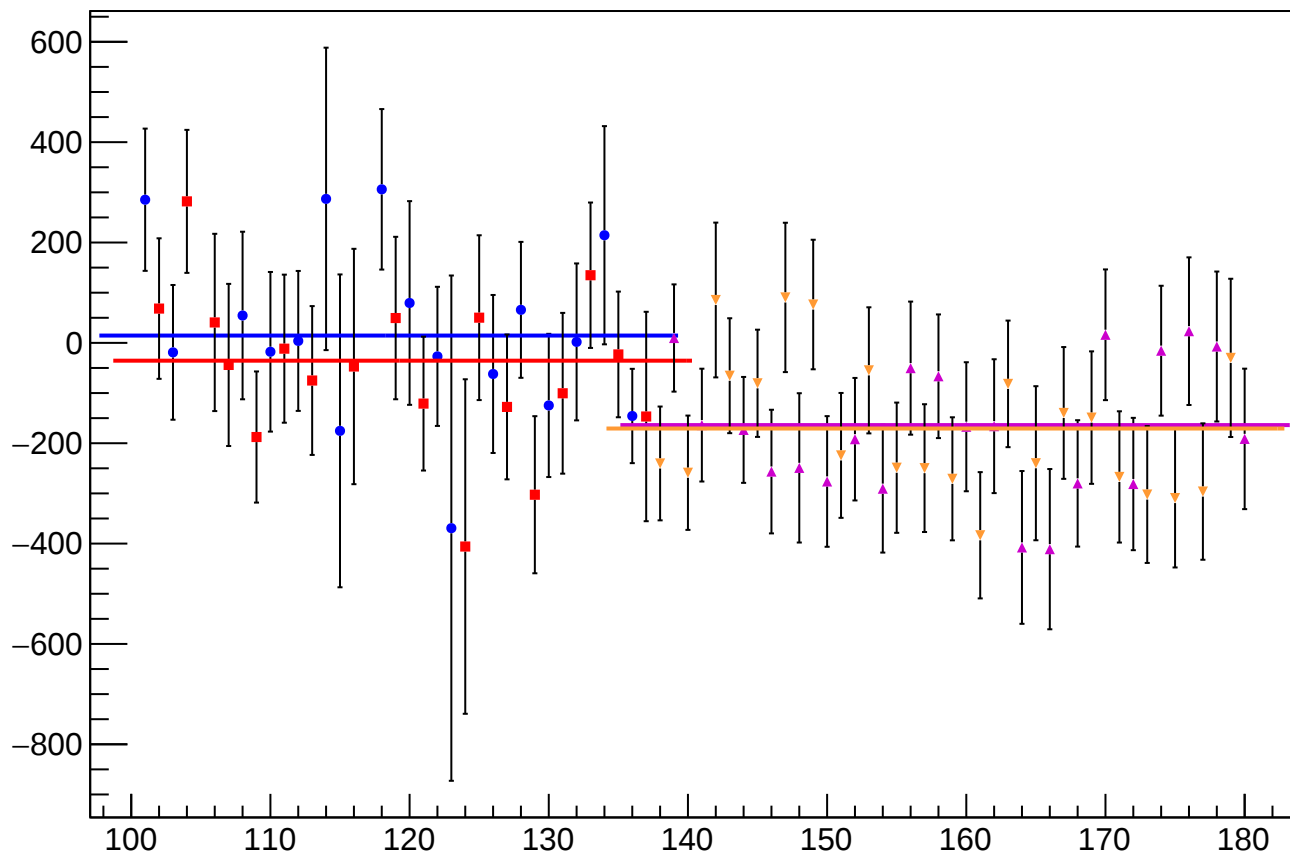
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1147.483 $\pm$ 0.172 χ^2 /NDF: 2046766.1/37

Out: 1139.522 $\pm$ 0.170 χ^2 /NDF: 2223508.4/39

All: 1143.438 $\pm$ 0.121 χ^2 /NDF: 4271357.3/77

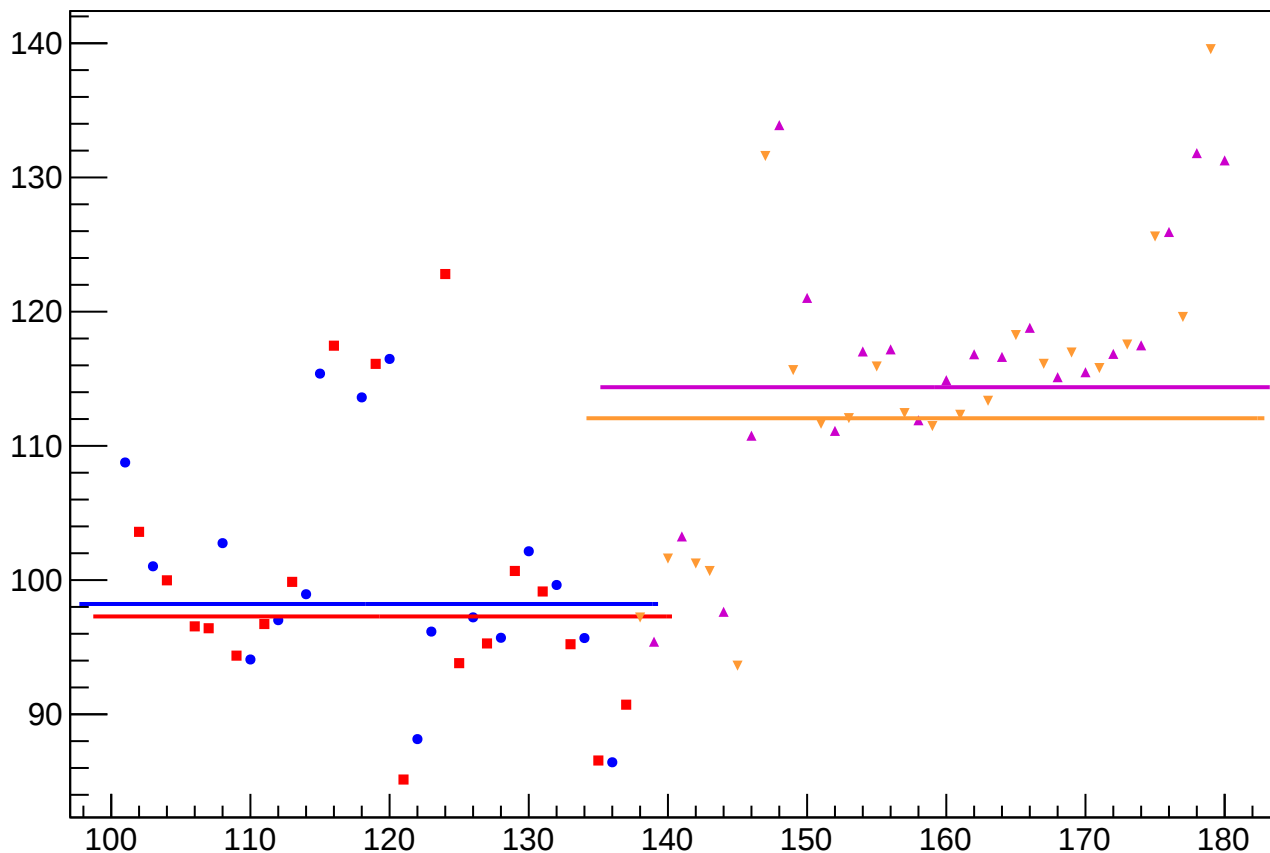
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -170.680 ± 27.483 $\chi^2/\text{NDF}: 22.3/21$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -163.840 ± 28.191 $\chi^2/\text{NDF}: 19.3/20$

Left: -167.347 ± 19.679 $\chi^2/\text{NDF}: 41.6/42$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -100.540 ± 22.644 $\chi^2/\text{NDF}: 47.7/37$
 Out: -122.149 ± 22.004 $\chi^2/\text{NDF}: 45.5/39$
 All: -111.654 ± 15.781 $\chi^2/\text{NDF}: 93.6/77$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.058+/-0.019 χ^2/NDF : 277337.5/21

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 114.372+/-0.020 χ^2/NDF : 251755.1/20

Left: 113.186+/-0.014 χ^2/NDF : 536000.9/42

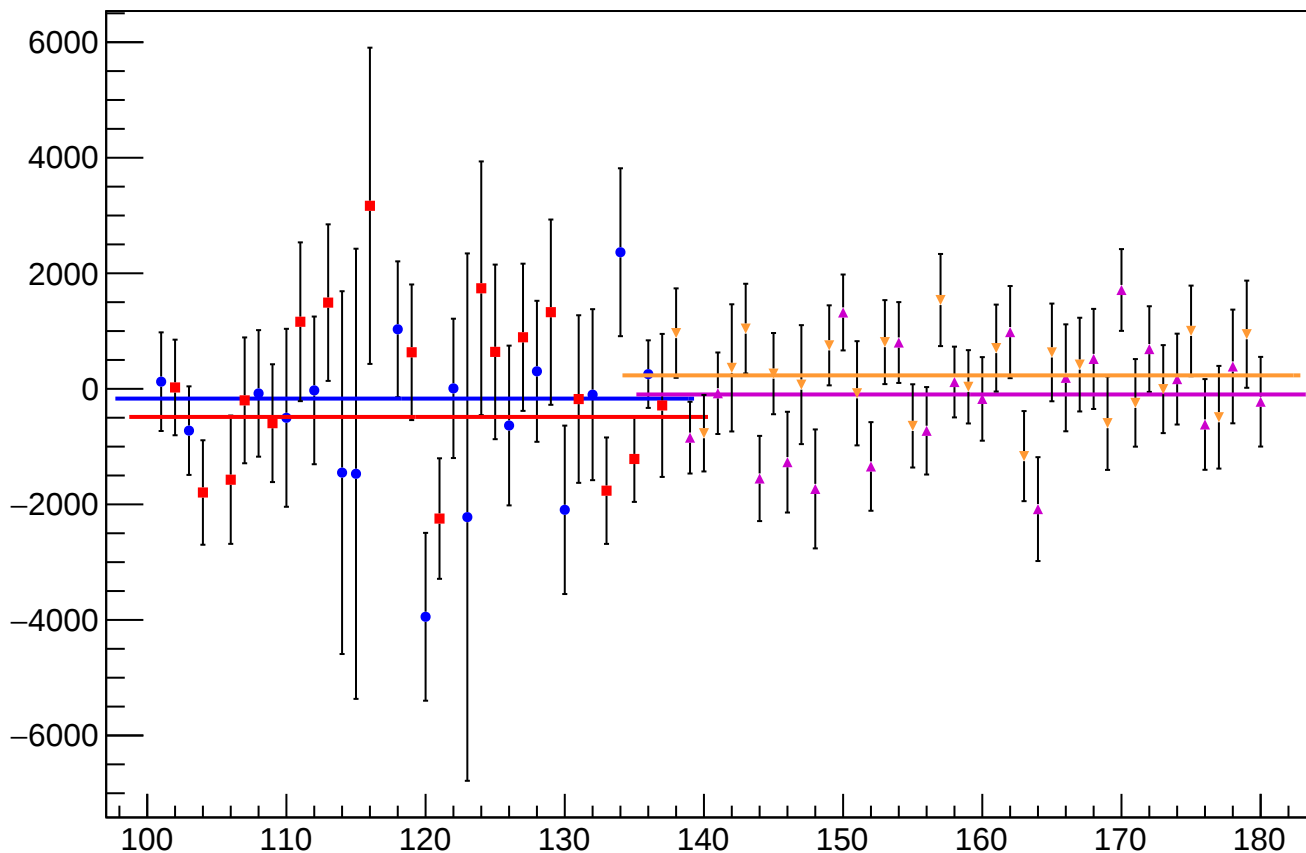
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 108.641+/-0.016 χ^2/NDF : 585235.2/37

Out: 106.757+/-0.016 χ^2/NDF : 580841.2/39

All: 107.672+/-0.011 χ^2/NDF : 1173195.6/77

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2/NDF : 14.6/16

Left Out: 233.173 $\pm$ 166.750 χ^2/NDF : 17.5/21

Right Out: -486.312 $\pm$ 268.010 χ^2/NDF : 19.6/17

Left In: -97.331 $\pm$ 166.344 χ^2/NDF : 35.2/20

Left: 67.518 $\pm$ 117.766 χ^2/NDF : 54.7/42

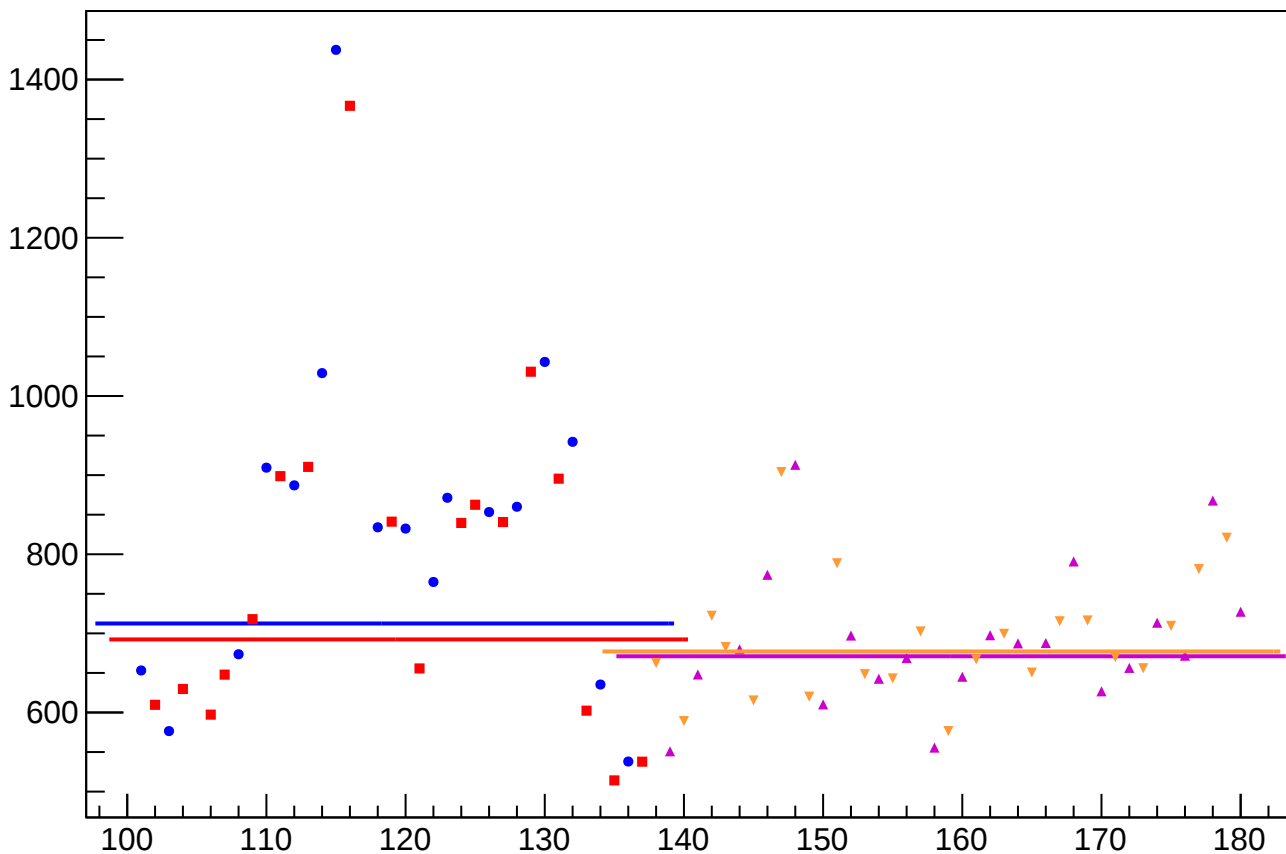
Right: -335.728 $\pm$ 194.327 χ^2/NDF : 34.9/34

In: -115.763 $\pm$ 143.298 χ^2/NDF : 49.9/37

Out: 32.382 $\pm$ 141.583 χ^2/NDF : 42.3/39

All: -40.798 $\pm$ 100.715 χ^2/NDF : 92.7/77

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 677.133+/-0.118 χ^2/NDF : 349751.6/21

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 671.051+/-0.118 χ^2/NDF : 458762.6/20

Left: 674.085+/-0.083 χ^2/NDF : 809848.0/42

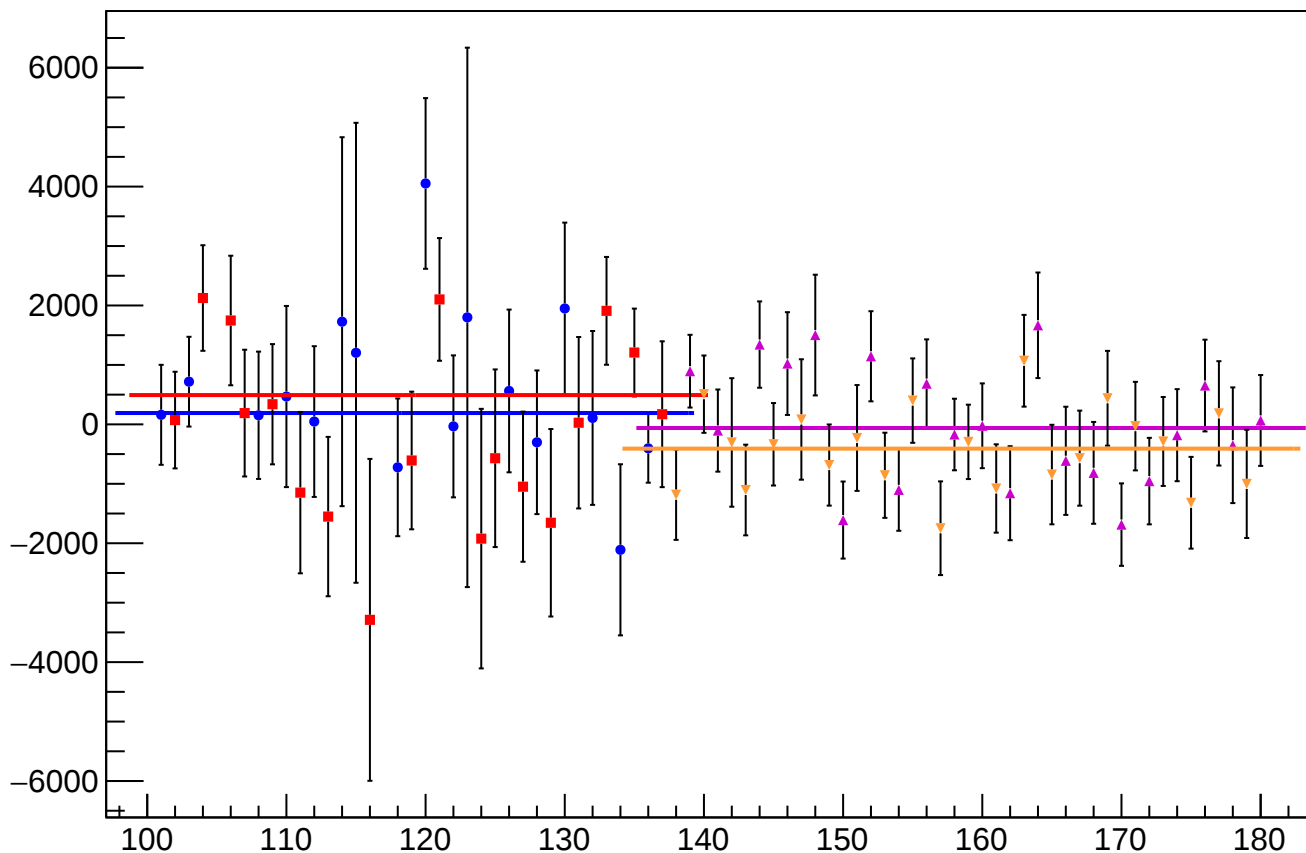
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 681.734+/-0.101 χ^2/NDF : 1151270.1/37

Out: 681.378+/-0.100 χ^2/NDF : 1011347.7/39

All: 681.554+/-0.071 χ^2/NDF : 2162624.1/77

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -408.375 $\pm$ 164.280 χ^2 /NDF:17.4/21

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: -61.138 $\pm$ 163.849 χ^2 /NDF:36.5/20

Left: -234.301 $\pm$ 116.011 χ^2 /NDF: 56.2/42

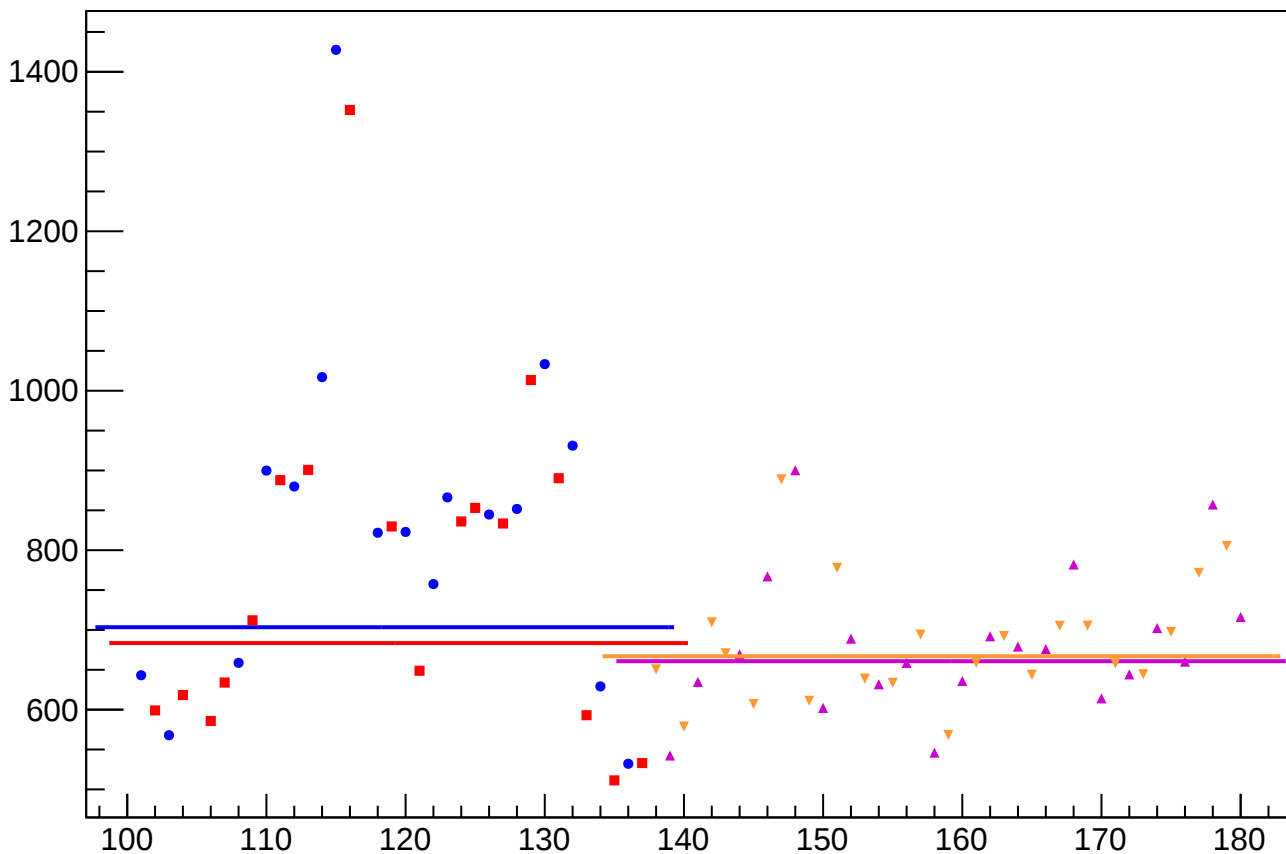
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 3.604 $\pm$ 141.243 χ^2 /NDF:51.3/37

Out: -157.693 $\pm$ 139.572 χ^2 /NDF:48.5/39

All: -78.004 $\pm$ 99.278 χ^2 /NDF: 100.6/77

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 ± 0.197 χ^2/NDF : 666885.8/16

Left Out: 666.983 ± 0.116 χ^2/NDF : 348924.4/21

Right Out: 683.493 ± 0.187 χ^2/NDF : 659356.0/17

Left In: 660.780 ± 0.116 χ^2/NDF : 469748.3/20

Left: 663.873 ± 0.082 χ^2/NDF : 820101.9/42

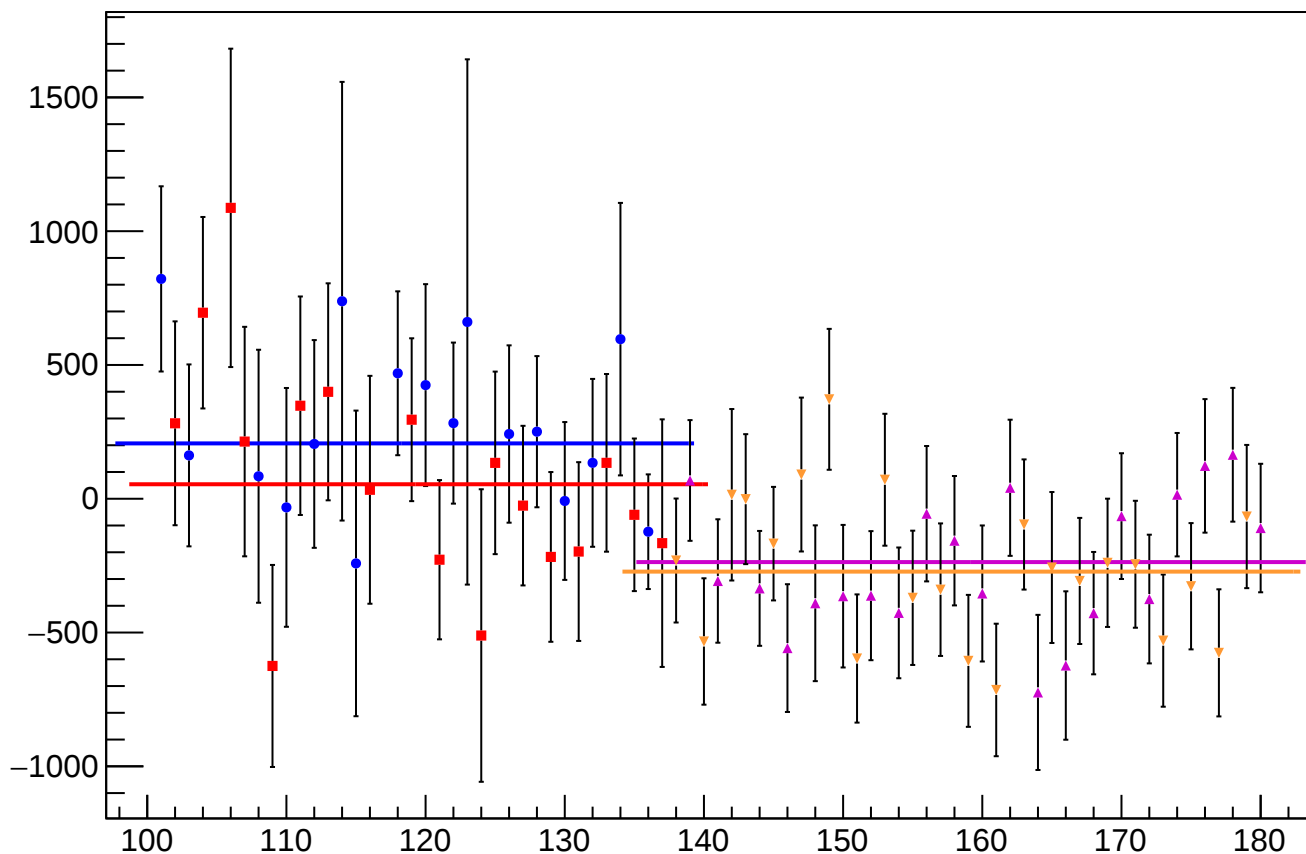
Right: 692.935 ± 0.136 χ^2/NDF : 1331611.8/34

In: 671.731 ± 0.100 χ^2/NDF : 1171407.3/37

Out: 671.575 ± 0.099 χ^2/NDF : 1013899.6/39

All: 671.652 ± 0.070 χ^2/NDF : 2185308.2/77

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -272.308 $\pm$ 52.742 χ^2 /NDF:24.1/21

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -236.713 $\pm$ 53.545 χ^2 /NDF:19.8/20

Left: -254.779 $\pm$ 37.575 χ^2 /NDF: 44.1/42

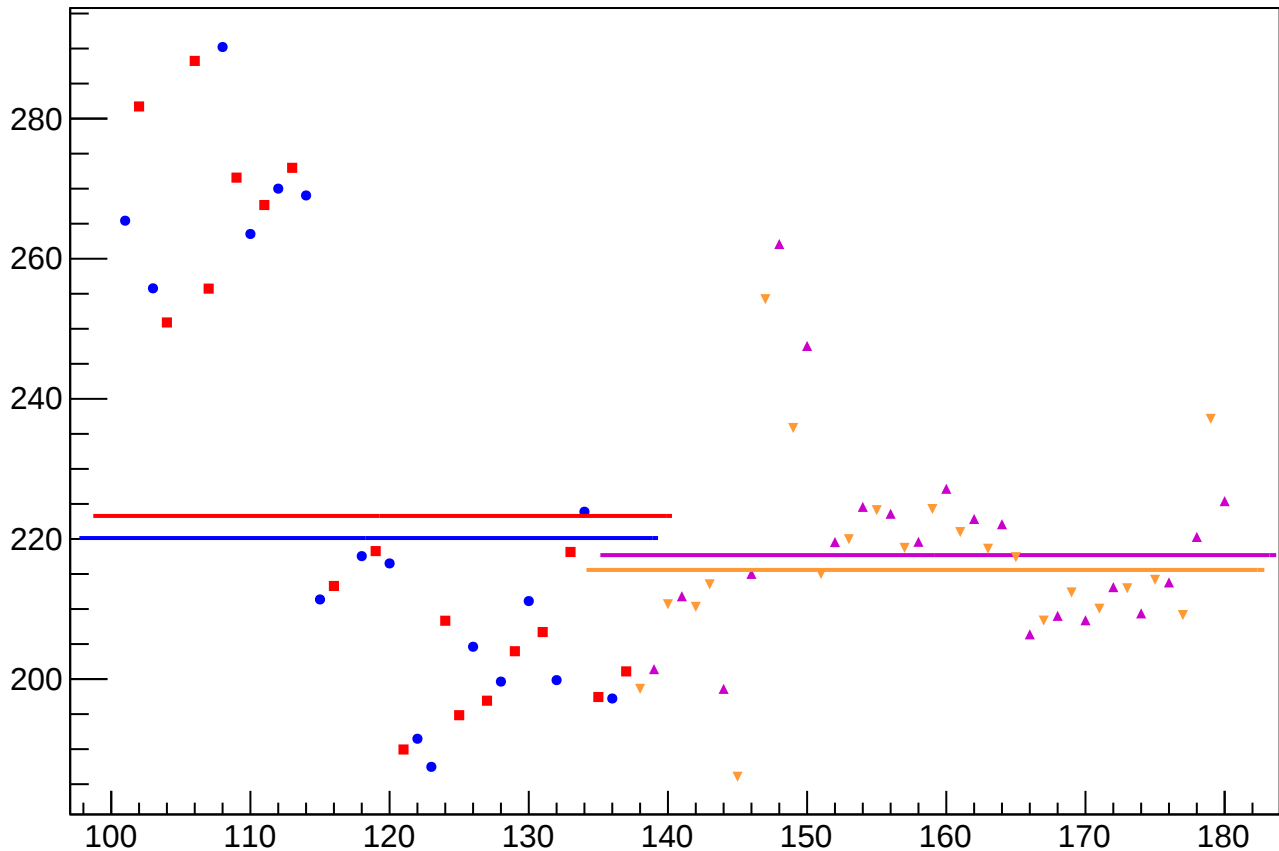
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -112.026 $\pm$ 45.400 χ^2 /NDF:48.6/37

Out: -181.843 $\pm$ 44.844 χ^2 /NDF:50.4/39

All: -147.364 $\pm$ 31.904 χ^2 /NDF: 100.2/77

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.583+/-0.037 χ^2/NDF :124139.6/21

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 217.697+/-0.038 χ^2/NDF :121810.7/20

Left: 216.624+/-0.027 χ^2/NDF : 247532.2/42

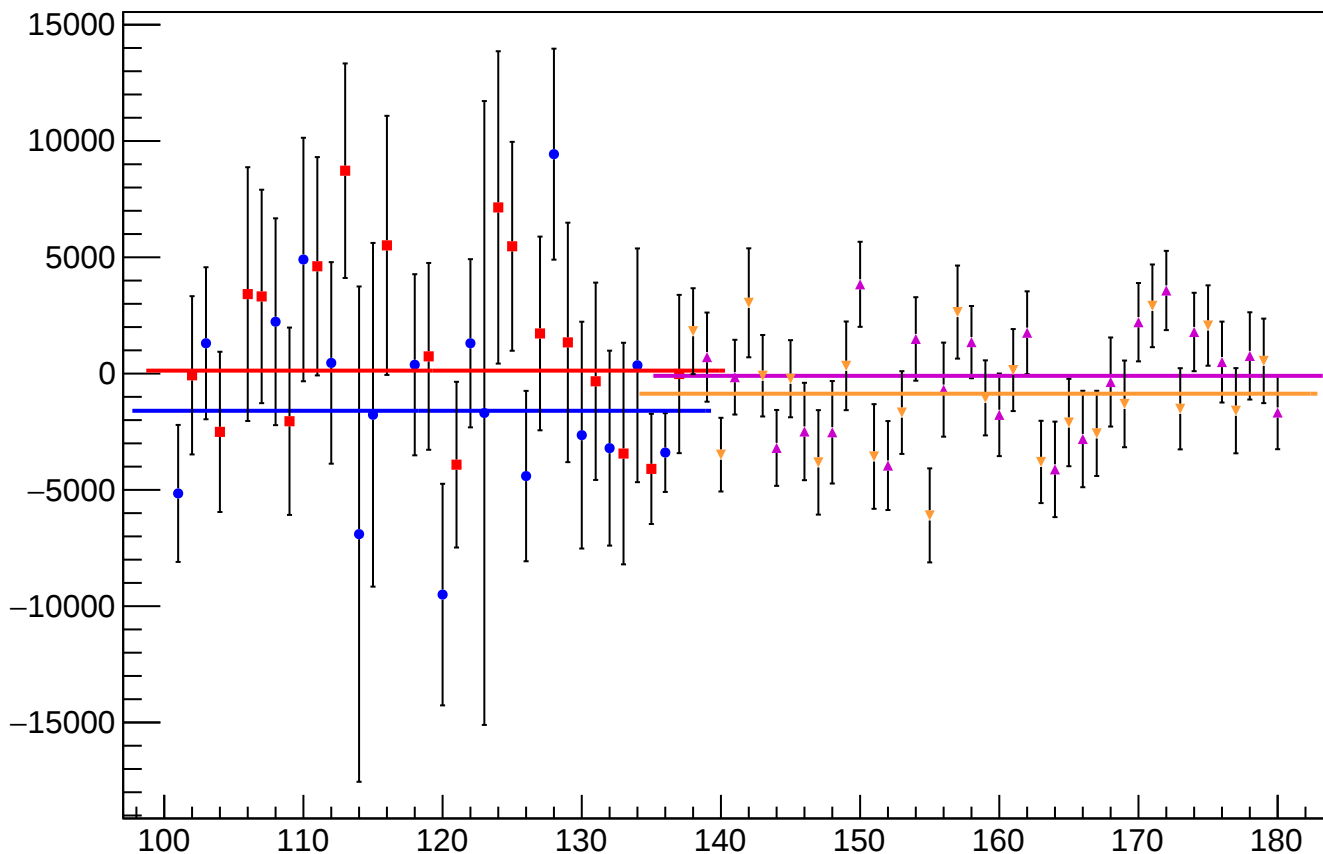
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 218.382+/-0.032 χ^2/NDF :351417.7/37

Out: 217.718+/-0.032 χ^2/NDF :408218.4/39

All: 218.046+/-0.023 χ^2/NDF : 759852.5/77

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: -864.306 $\pm$ 391.624 χ^2 /NDF:34.3/21

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -96.446 $\pm$ 393.684 χ^2 /NDF:33.4/20

Left: -482.390 $\pm$ 277.646 χ^2 /NDF: 69.6/42

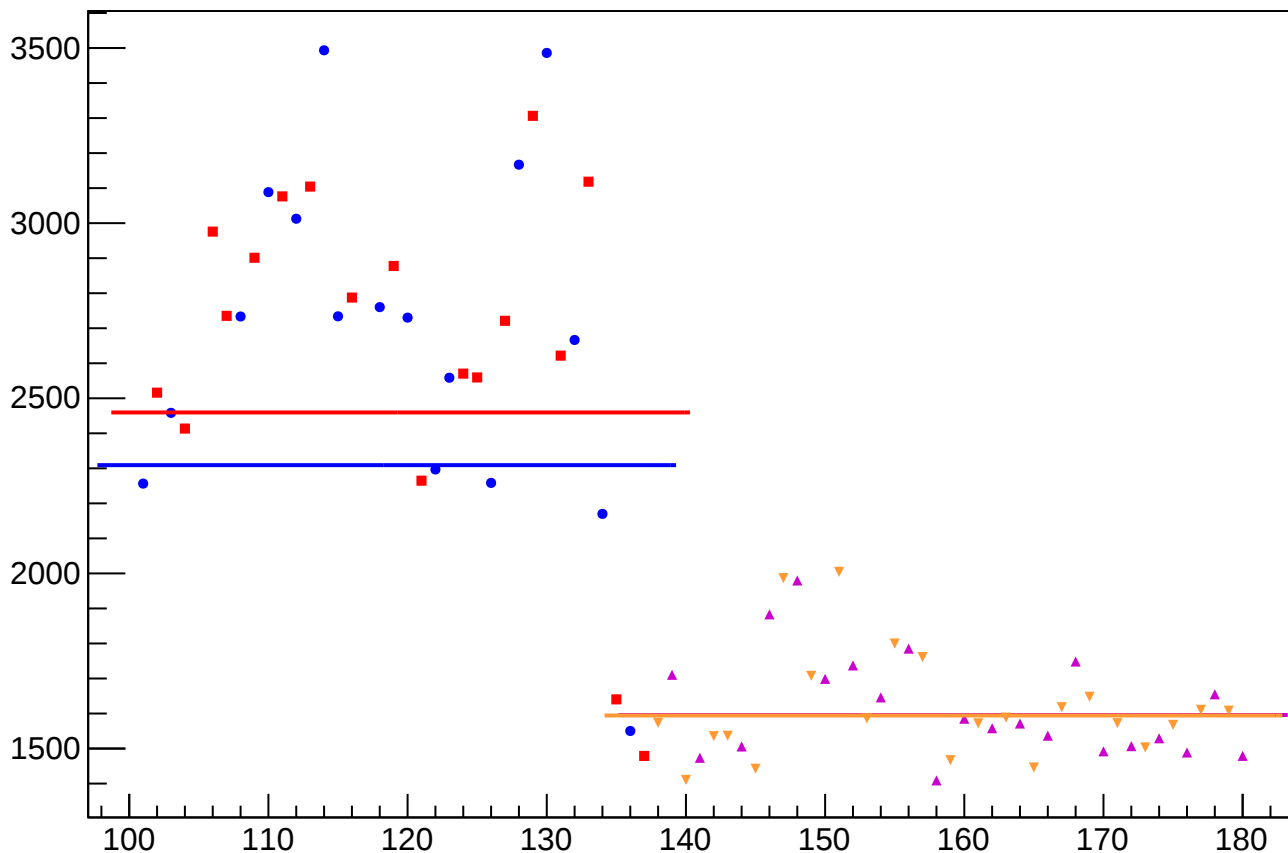
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -328.562 $\pm$ 362.002 χ^2 /NDF:52.3/37

Out: -719.969 $\pm$ 362.016 χ^2 /NDF:50.0/39

All: -524.258 $\pm$ 255.979 χ^2 /NDF: 102.9/77

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: 1594.435 $\pm$ 0.277 χ^2 /NDF: 250350.2/21

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1595.785 $\pm$ 0.278 χ^2 /NDF: 240886.2/20

Left: 1595.107 $\pm$ 0.196 χ^2 /NDF: 491248.2/42

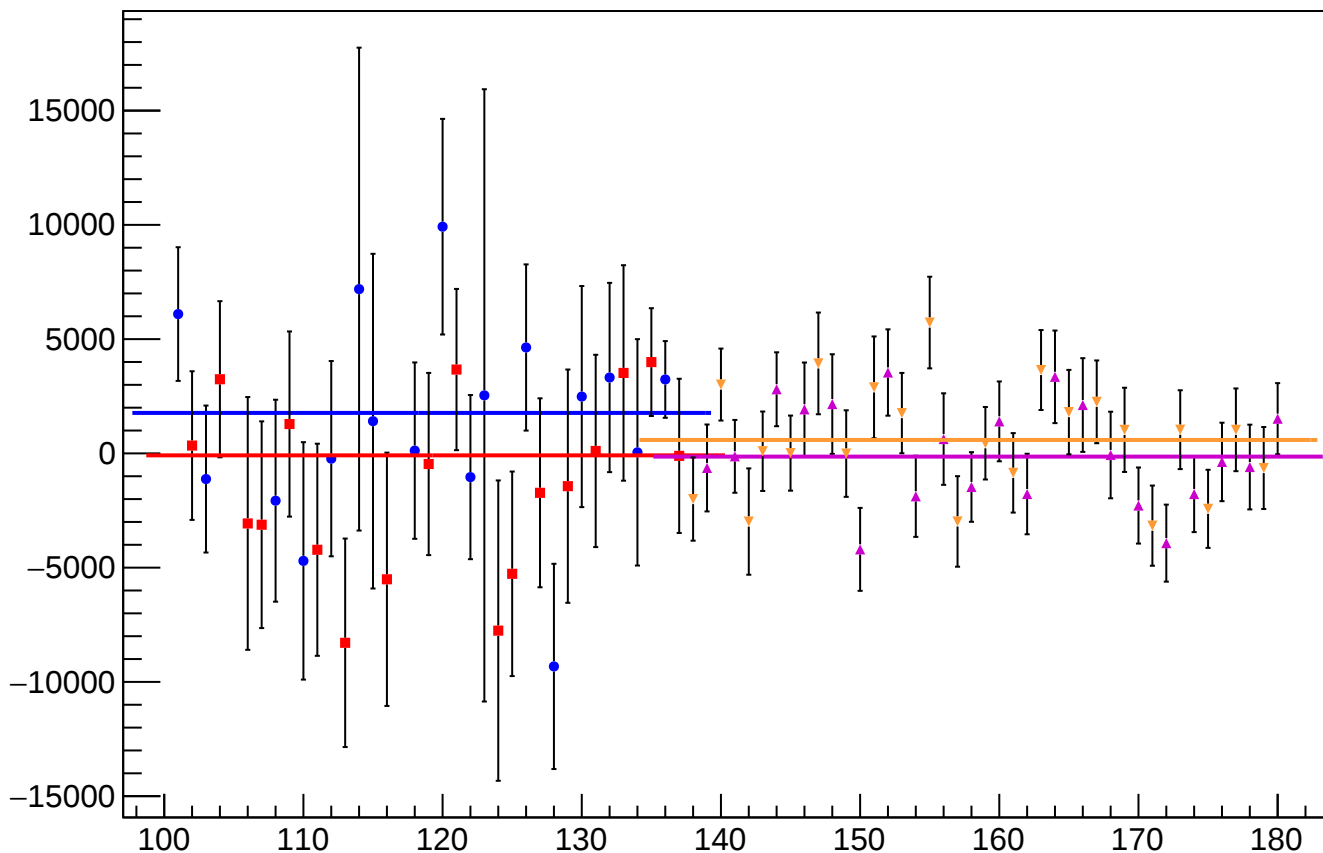
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1705.980 $\pm$ 0.256 χ^2 /NDF: 2055988.4/37

Out: 1720.310 $\pm$ 0.256 χ^2 /NDF: 2338662.4/39

All: 1713.145 $\pm$ 0.181 χ^2 /NDF: 4396217.5/77

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 588.315+/-387.281 χ^2/NDF : 34.0/21

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -141.586+/-388.991 χ^2/NDF : 30.9/20

Left: 224.972+/-274.452 χ^2/NDF : 66.7/42

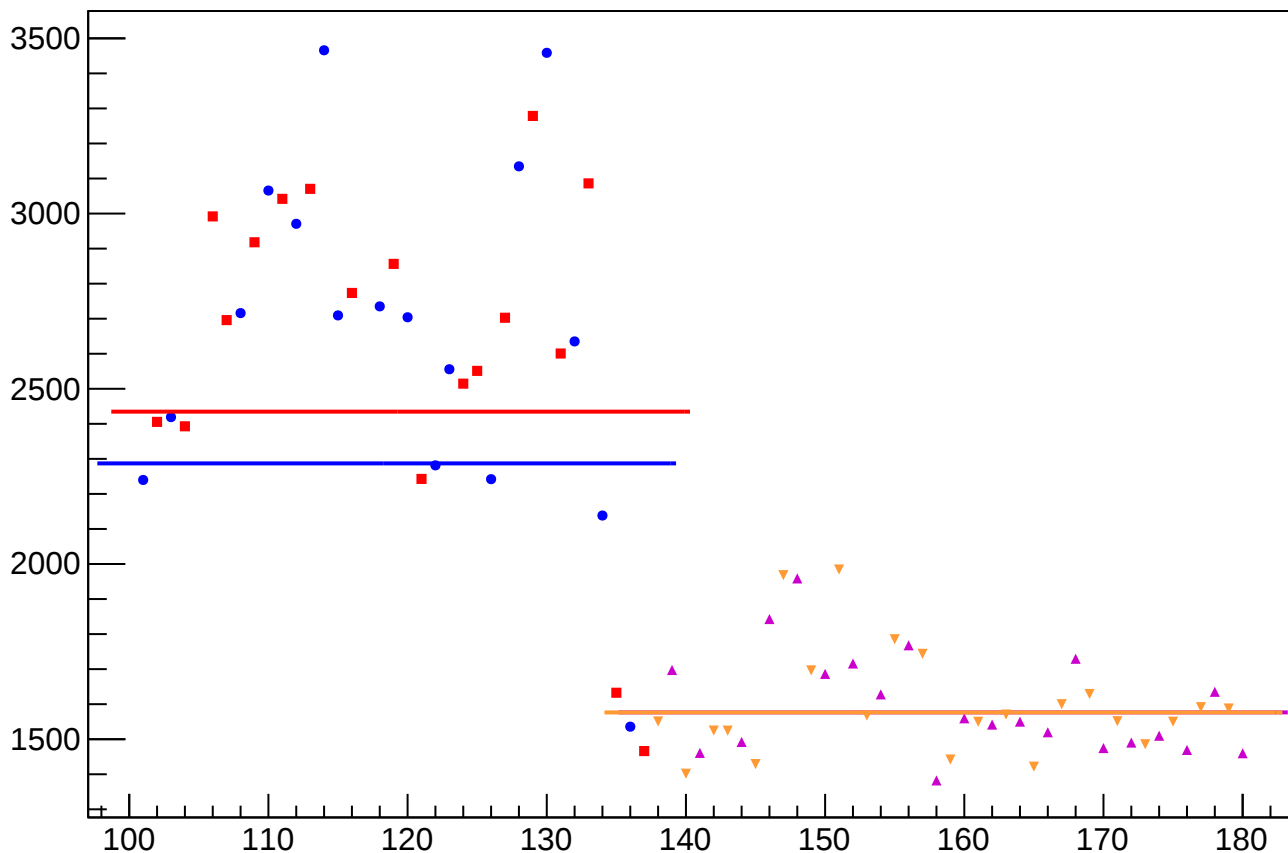
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 152.666+/-357.823 χ^2/NDF : 52.0/37

Out: 490.425+/-358.073 χ^2/NDF : 48.9/39

All: 321.428+/-253.107 χ^2/NDF : 101.3/77

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1576.470 $\pm$ 0.274 χ^2 /NDF: 254461.1/21

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1576.581 $\pm$ 0.275 χ^2 /NDF: 242844.9/20

Left: 1576.525 $\pm$ 0.194 χ^2 /NDF: 497306.0/42

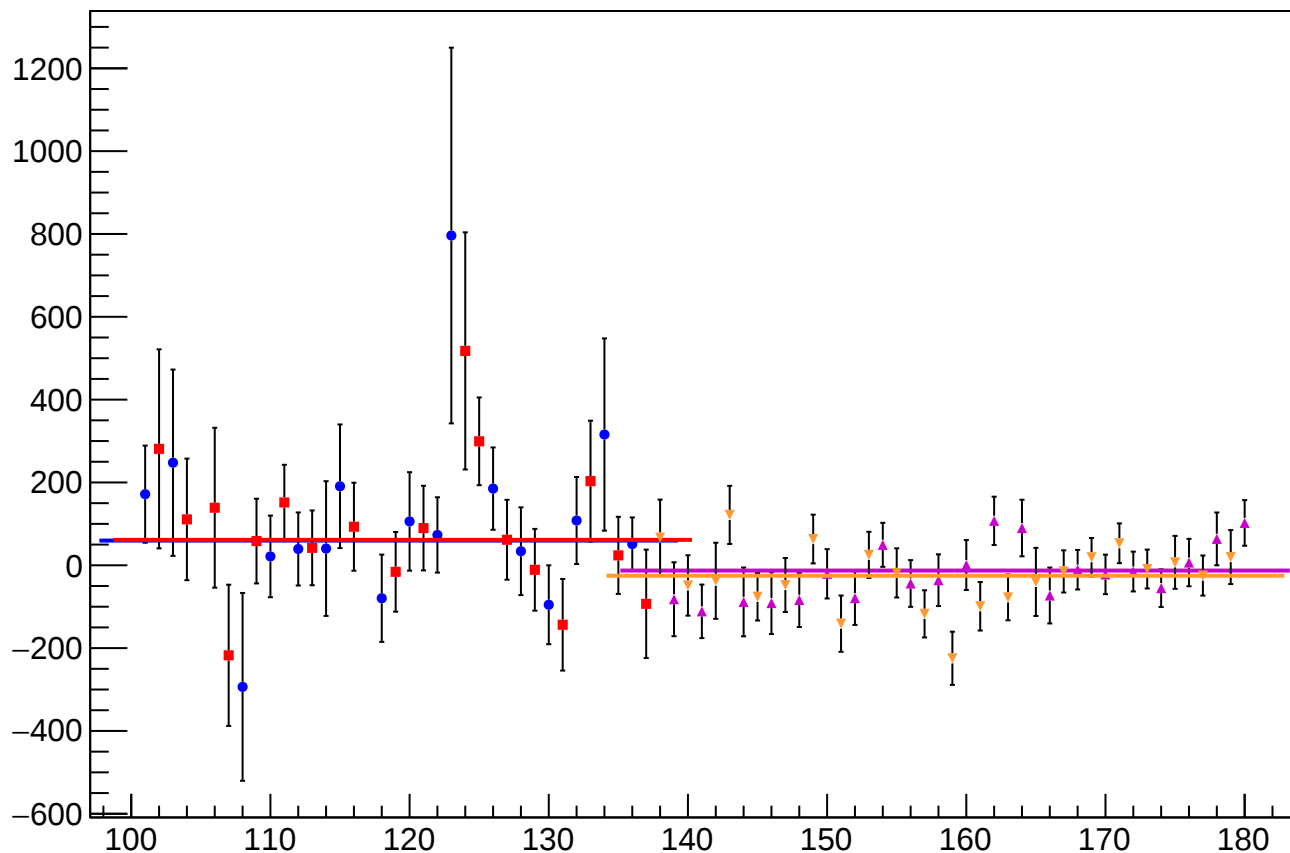
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1685.879 $\pm$ 0.253 χ^2 /NDF: 2068699.9/37

Out: 1701.056 $\pm$ 0.253 χ^2 /NDF: 2347317.0/39

All: 1693.462 $\pm$ 0.179 χ^2 /NDF: 4417814.7/77

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: -25.214 $\pm$ 12.659 χ^2 /NDF:31.6/21

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -12.734 $\pm$ 12.861 χ^2 /NDF:23.1/20

Left: -19.073 $\pm$ 9.022 χ^2 /NDF: 55.2/42

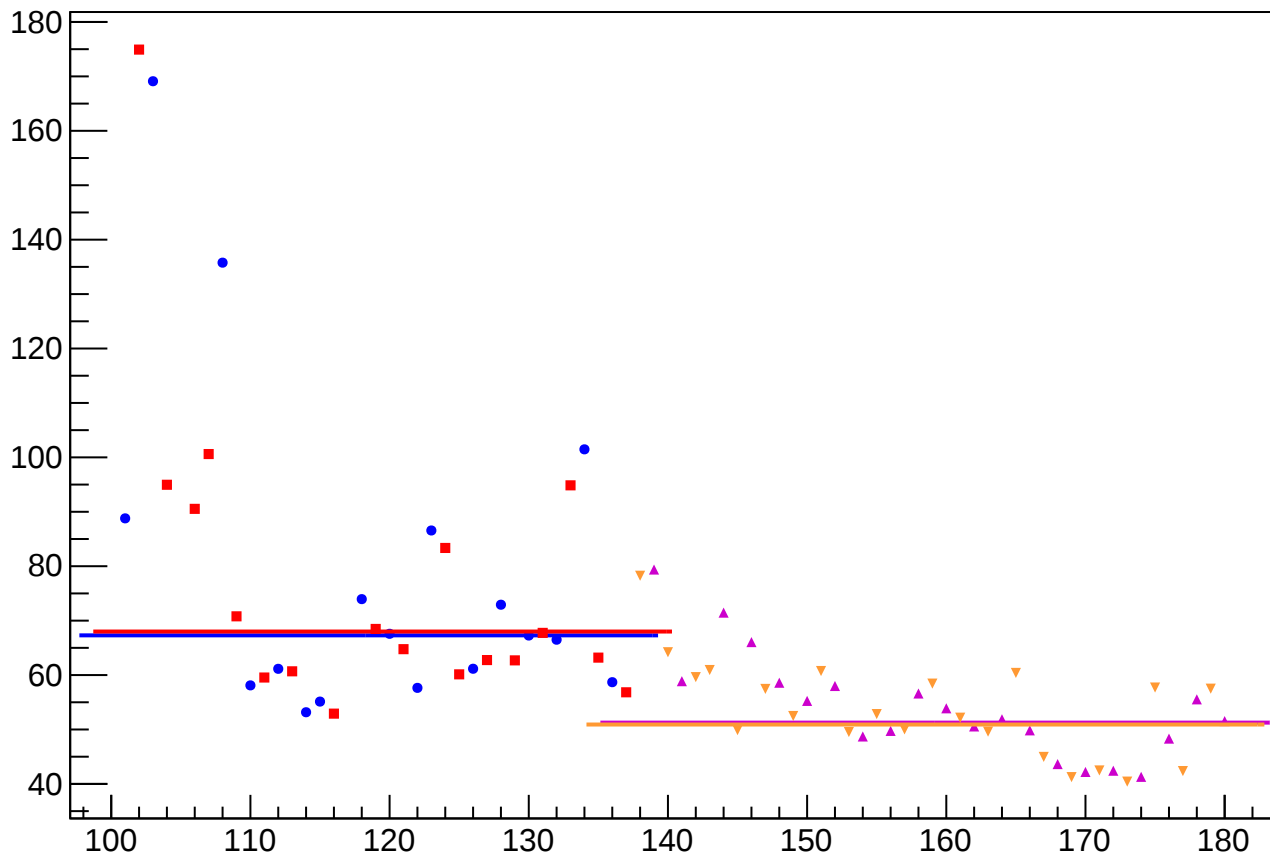
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: 0.590 $\pm$ 11.618 χ^2 /NDF:44.3/37

Out: -9.615 $\pm$ 11.463 χ^2 /NDF:59.8/39

All: -4.581 $\pm$ 8.160 χ^2 /NDF: 104.4/77

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: 50.913 $\pm$ 0.009 χ^2 /NDF: 806730.5/21

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.263 $\pm$ 0.009 χ^2 /NDF: 805493.0/20

Left: 51.085 $\pm$ 0.006 χ^2 /NDF: 1612975.2/42

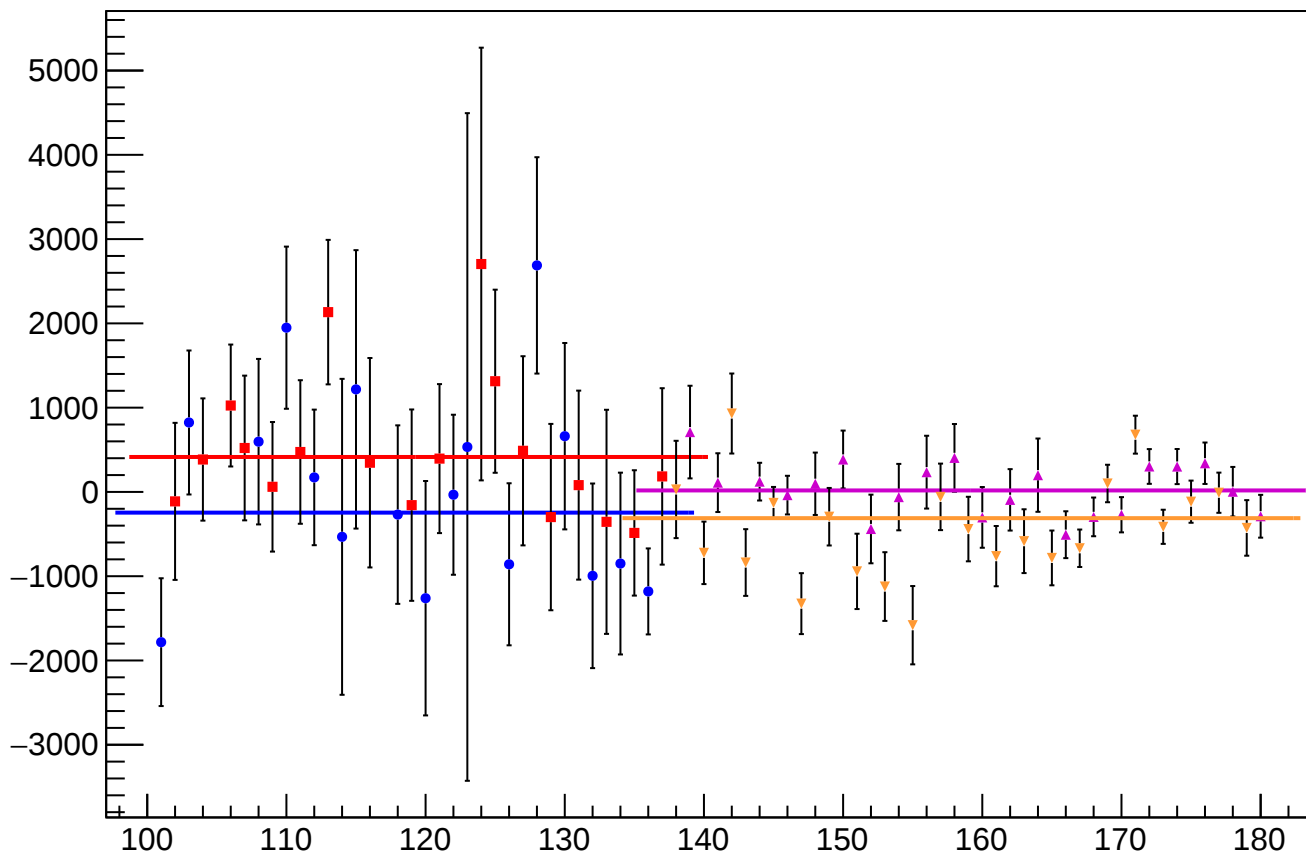
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.214 $\pm$ 0.008 χ^2 /NDF: 2218990.6/37

Out: 53.990 $\pm$ 0.008 χ^2 /NDF: 2217166.1/39

All: 54.100 $\pm$ 0.006 χ^2 /NDF: 4436533.2/77

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -311.238 ± 63.809 χ^2/NDF : 65.1/21

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 17.753 ± 62.517 χ^2/NDF : 20.9/20

Left: -143.379 ± 44.656 χ^2/NDF : 99.6/42

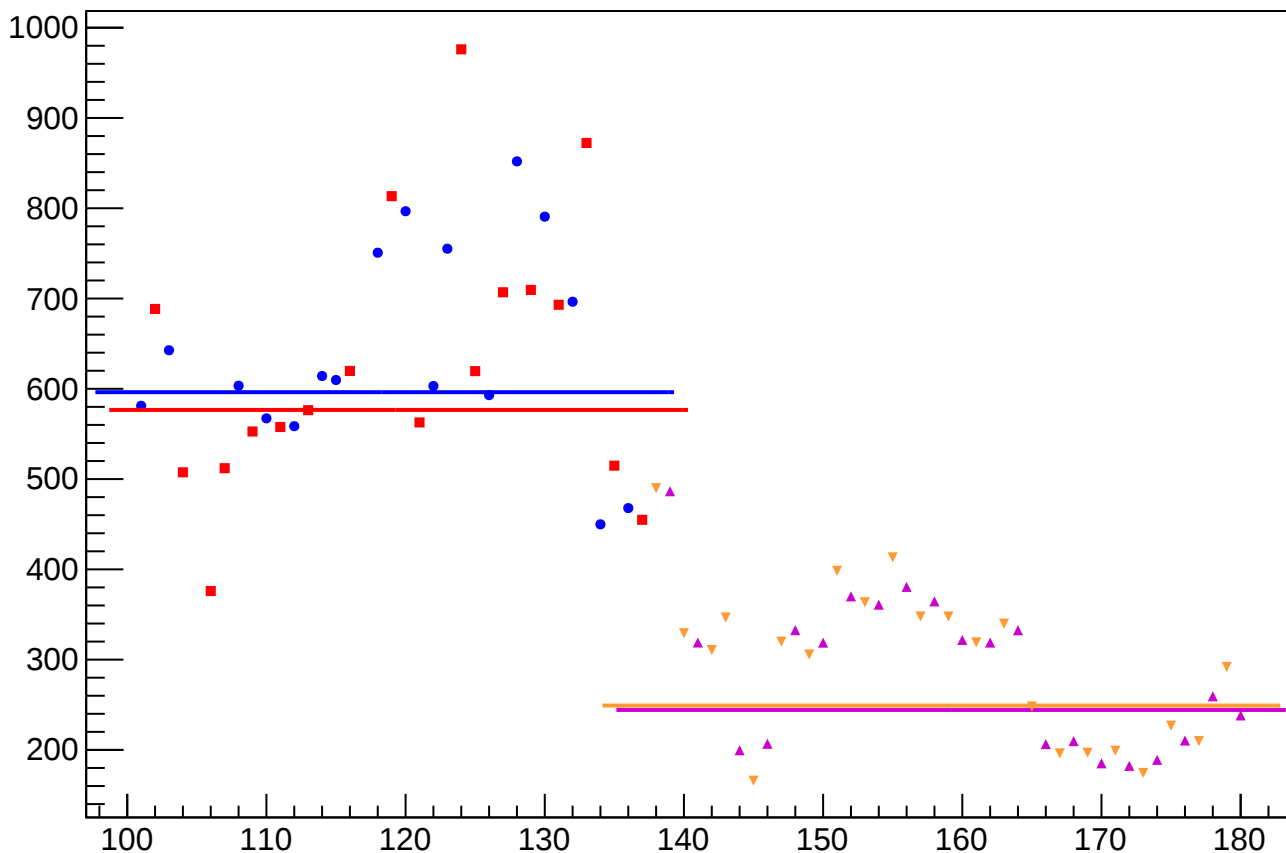
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: 0.401 ± 60.423 χ^2/NDF : 45.9/37

Out: -256.201 ± 61.342 χ^2/NDF : 84.3/39

All: -125.962 ± 43.047 χ^2/NDF : 139.1/77

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 249.137+/-0.045 χ^2/NDF : 2889888.3/21

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 244.269+/-0.044 χ^2/NDF : 2433739.9/20

Left: 246.653+/-0.032 χ^2/NDF : 5329565.6/42

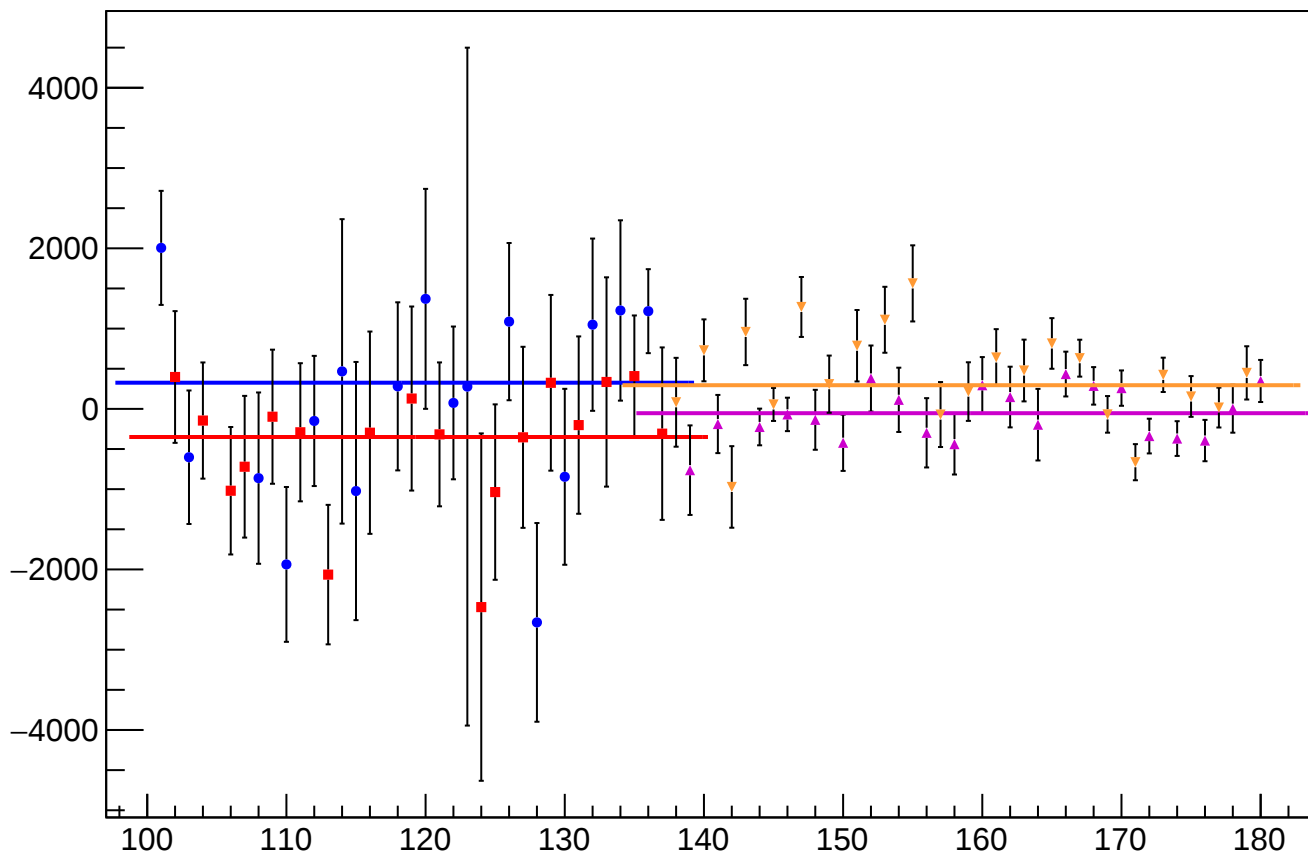
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 267.459+/-0.043 χ^2/NDF : 7032562.6/37

Out: 273.963+/-0.043 χ^2/NDF : 7457189.7/39

All: 270.662+/-0.030 χ^2/NDF : 14501166.5/77

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 294.834 ± 65.530 $\chi^2/\text{NDF}: 60.5/21$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -53.752 ± 63.448 $\chi^2/\text{NDF}: 22.7/20$

Left: 114.915 ± 45.583 $\chi^2/\text{NDF}: 97.7/42$

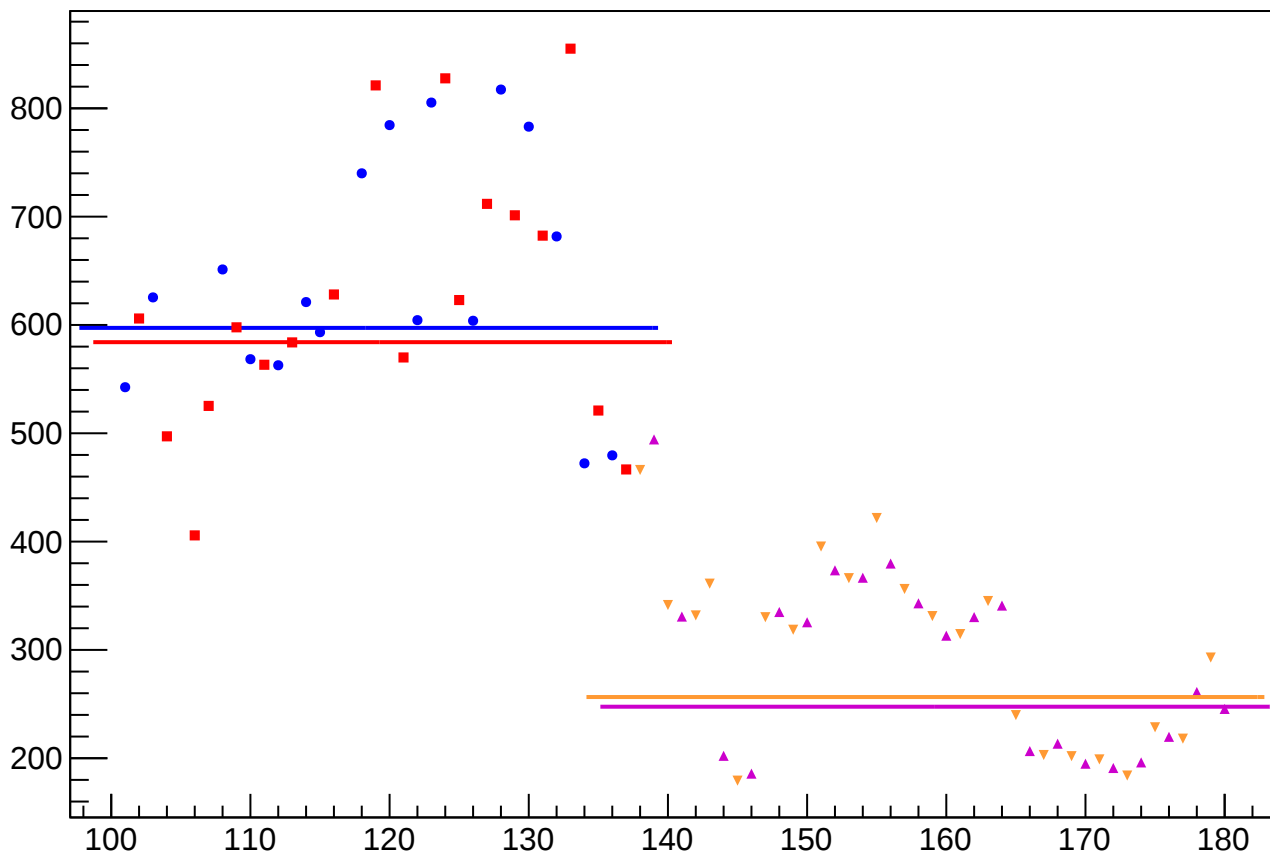
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -28.068 ± 61.265 $\chi^2/\text{NDF}: 52.0/37$

Out: 244.489 ± 62.921 $\chi^2/\text{NDF}: 77.0/39$

All: 104.576 ± 43.895 $\chi^2/\text{NDF}: 138.6/77$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 256.497 $\pm$ 0.046 χ^2 /NDF: 2608940.4/21

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.559 $\pm$ 0.045 χ^2 /NDF: 2370452.9/20

Left: 251.884 $\pm$ 0.032 χ^2 /NDF: 4998599.3/42

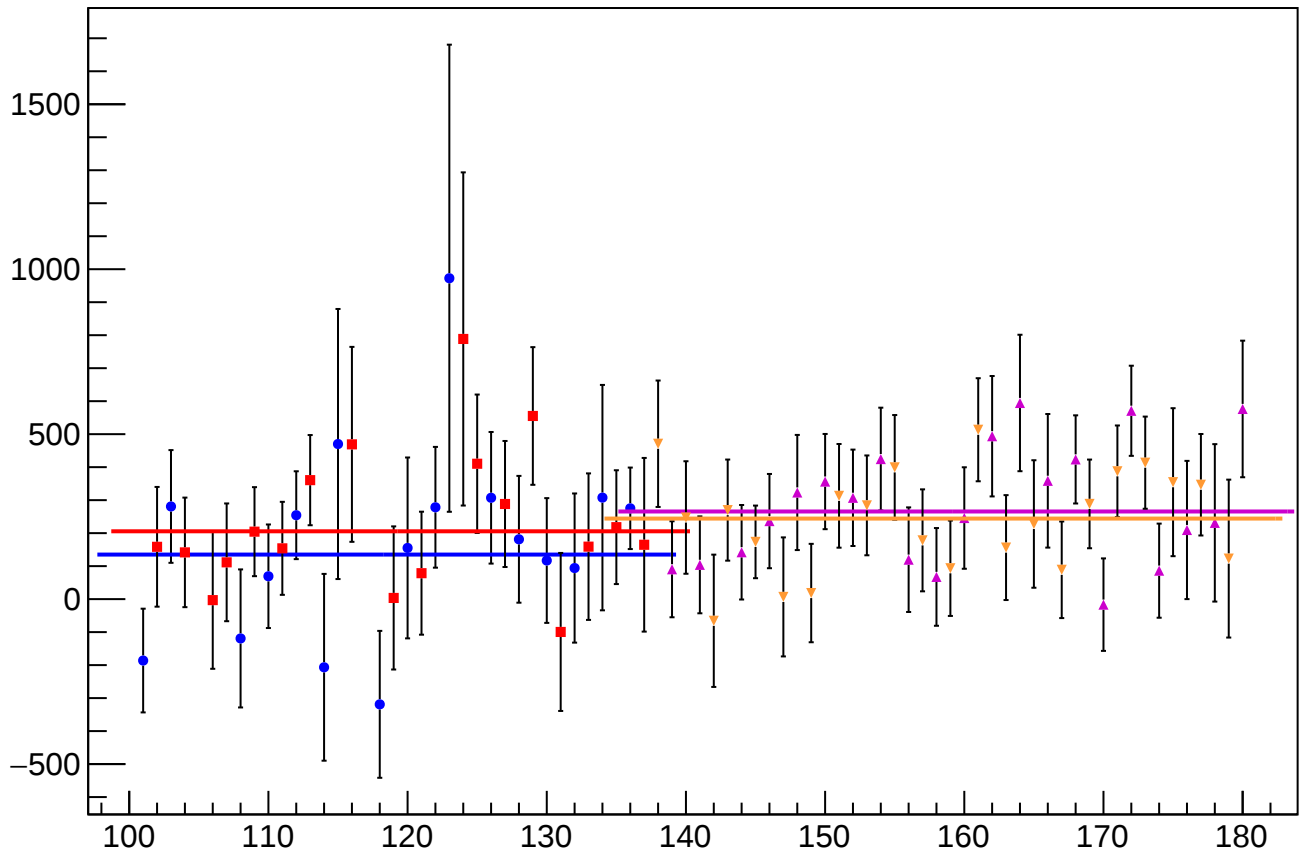
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 271.208 $\pm$ 0.043 χ^2 /NDF: 6843370.2/37

Out: 282.060 $\pm$ 0.044 χ^2 /NDF: 6956402.2/39

All: 276.489 $\pm$ 0.031 χ^2 /NDF: 13830311.7/77

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 244.165 ± 33.463 $\chi^2/\text{NDF}: 18.7/21$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 265.640 ± 34.522 $\chi^2/\text{NDF}: 26.4/20$

Left: 254.568 ± 24.028 $\chi^2/\text{NDF}: 45.3/42$

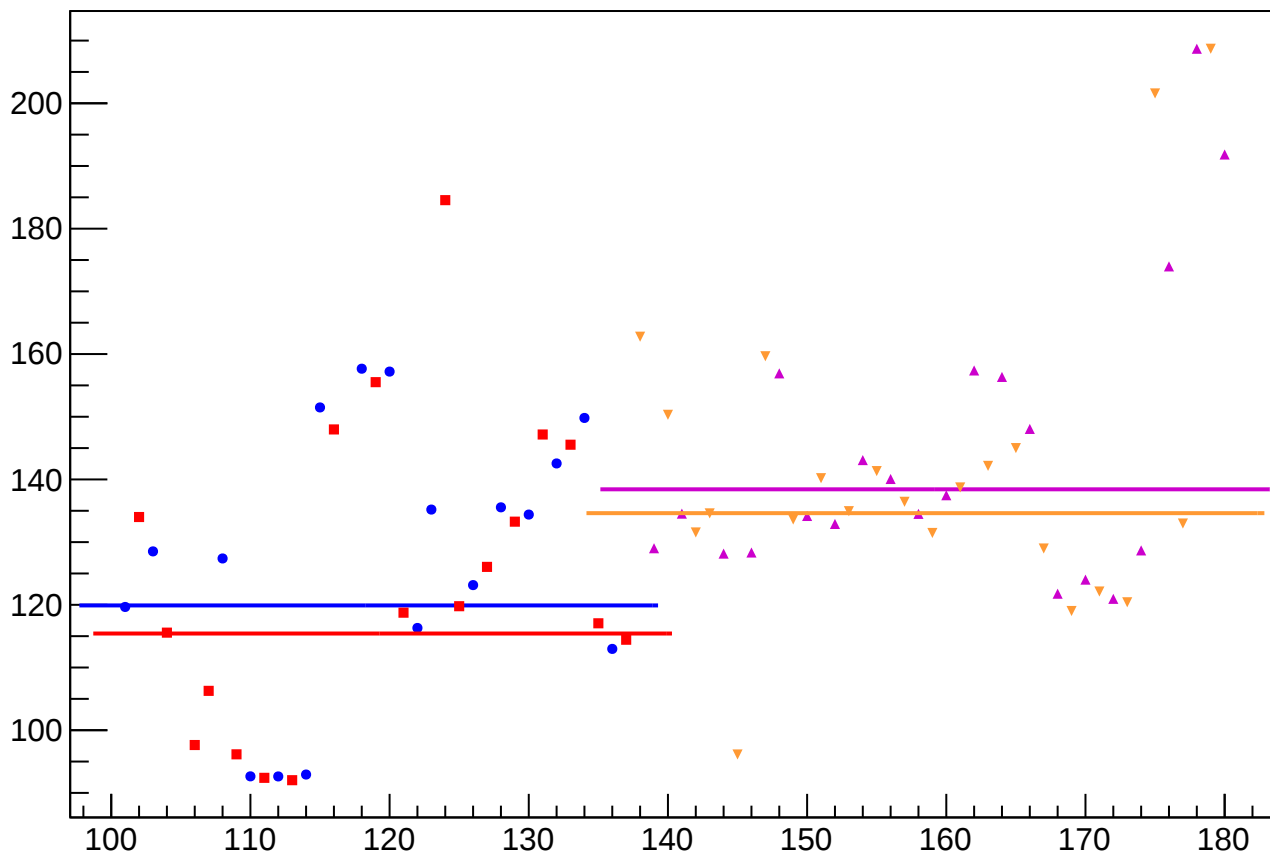
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 219.899 ± 27.828 $\chi^2/\text{NDF}: 49.5/37$

Out: 230.245 ± 26.753 $\chi^2/\text{NDF}: 31.2/39$

All: 225.276 ± 19.286 $\chi^2/\text{NDF}: 80.8/77$

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 134.622 $\pm$ 0.024 χ^2 /NDF: 799656.9/21

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 138.424 $\pm$ 0.024 χ^2 /NDF: 560100.1/20

Left: 136.464 $\pm$ 0.017 χ^2 /NDF: 1372265.6/42

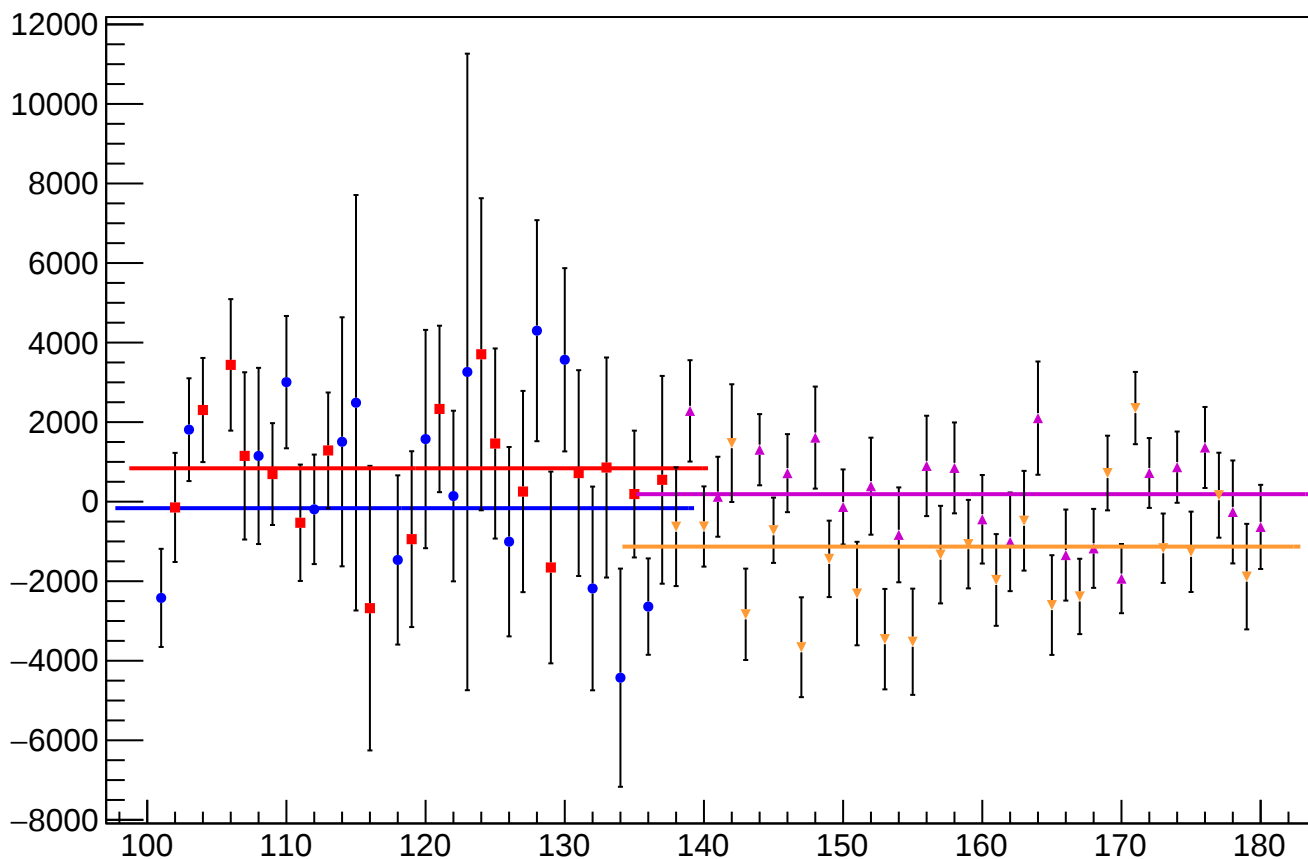
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 131.938 $\pm$ 0.020 χ^2 /NDF: 1107196.4/37

Out: 127.694 $\pm$ 0.019 χ^2 /NDF: 1455335.6/39

All: 129.732 $\pm$ 0.014 χ^2 /NDF: 2586708.6/77

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1129.970 $\pm$ 233.618 χ^2 /NDF:41.8/21

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 188.688 $\pm$ 232.882 χ^2 /NDF:23.0/20

Left: -468.562 $\pm$ 164.932 χ^2 /NDF: 80.8/42

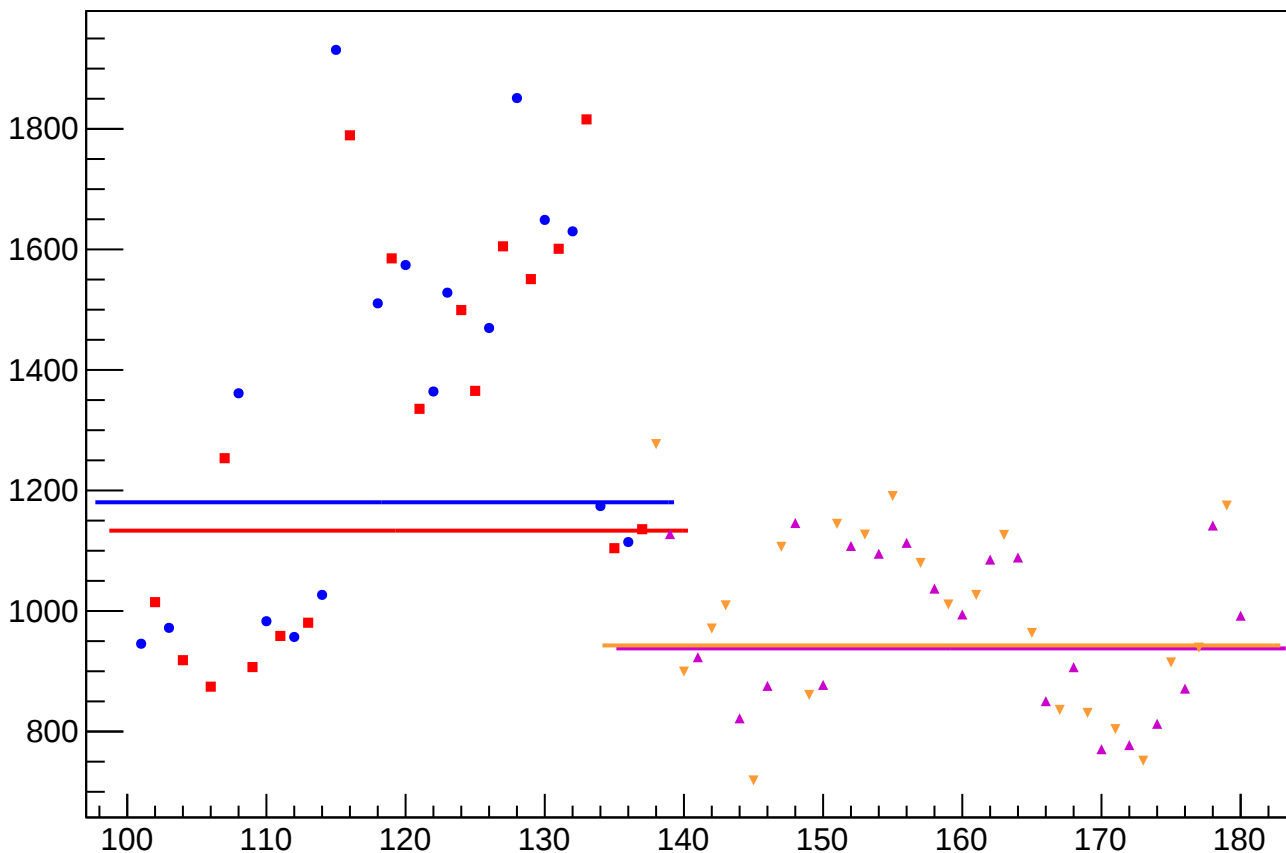
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 119.161 $\pm$ 208.635 χ^2 /NDF:47.2/37

Out: -697.658 $\pm$ 206.386 χ^2 /NDF:66.7/39

All: -293.675 $\pm$ 146.726 χ^2 /NDF: 121.6/77

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: 942.862 $\pm$ 0.165 χ^2 /NDF: 814162.5/21

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 937.958 $\pm$ 0.165 χ^2 /NDF: 587158.6/20

Left: 940.402 $\pm$ 0.117 χ^2 /NDF: 1401763.2/42

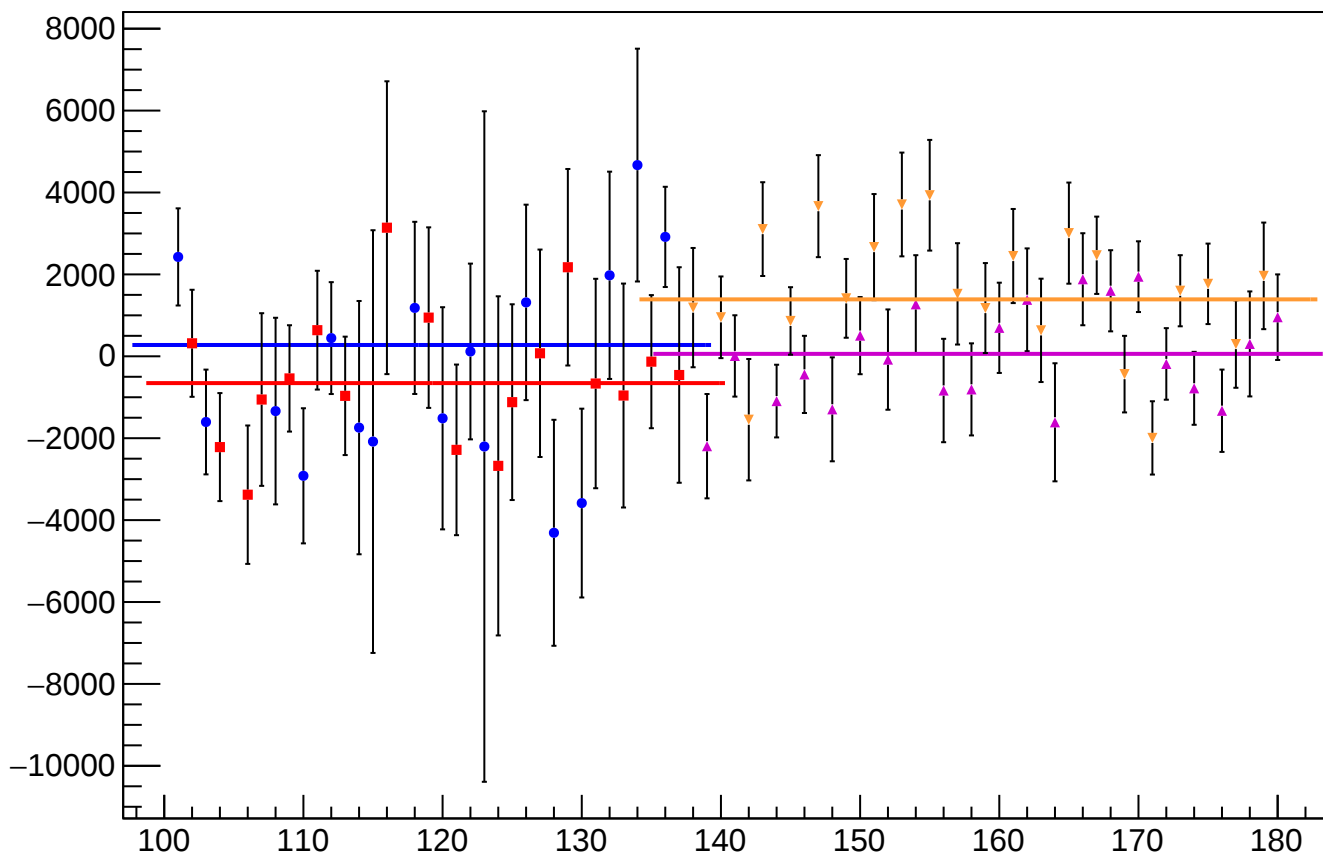
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 985.815 $\pm$ 0.148 χ^2 /NDF: 1683880.3/37

Out: 984.682 $\pm$ 0.146 χ^2 /NDF: 1866472.4/39

All: 985.242 $\pm$ 0.104 χ^2 /NDF: 3550382.5/77

asym_sam_48_dd_mean vs Slug, Sign Corrected



Left: 721.232 ± 163.841 $\chi^2/\text{NDF}: 83.1/42$

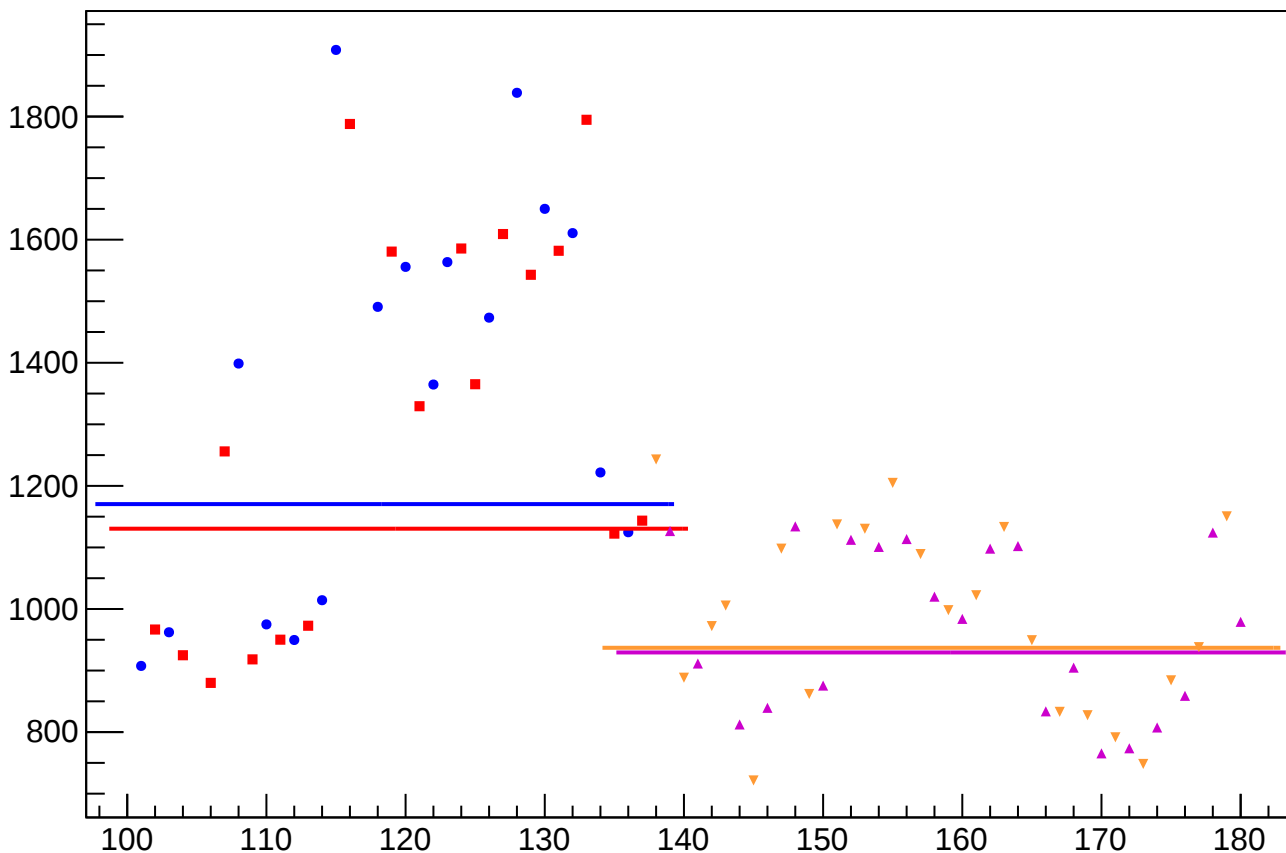
Right: -216.291 ± 319.993 $\chi^2/\text{NDF}: 36.0/34$

In: 102.234 ± 207.055 $\chi^2/\text{NDF}: 49.3/37$

Out: 944.188 ± 205.442 $\chi^2/\text{NDF}: 68.3/39$

All: 526.503 ± 145.836 $\chi^2/\text{NDF}: 125.9/77$

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 936.989 $\pm$ 0.164 χ^2 /NDF: 811374.1/21

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 929.399 $\pm$ 0.163 χ^2 /NDF: 620304.4/20

Left: 933.173 $\pm$ 0.116 χ^2 /NDF: 1432751.4/42

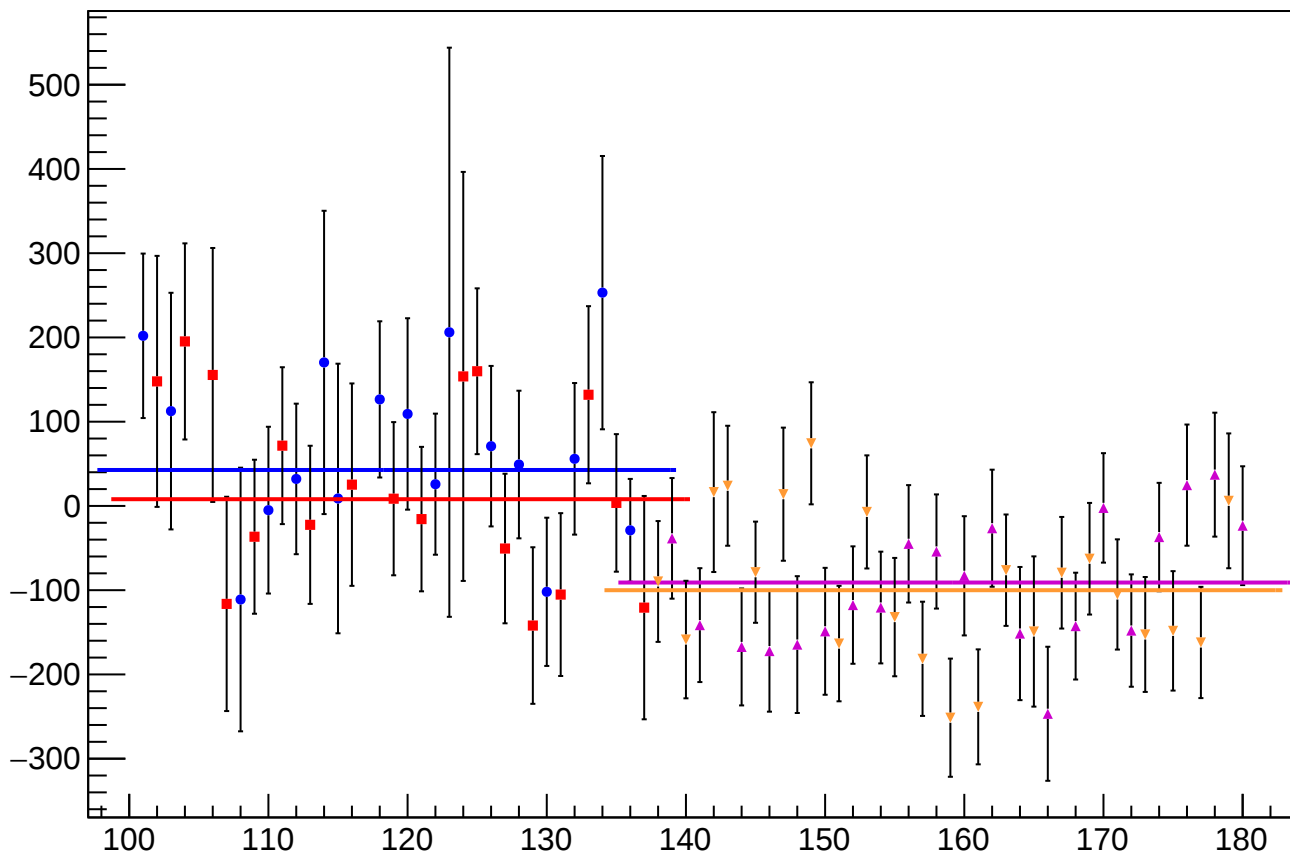
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 976.893 $\pm$ 0.146 χ^2 /NDF: 1754537.7/37

Out: 979.200 $\pm$ 0.145 χ^2 /NDF: 1876949.2/39

All: 978.055 $\pm$ 0.103 χ^2 /NDF: 3631612.1/77

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: -100.030 ± 14.986 $\chi^2/\text{NDF}: 31.0/21$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -90.917 ± 15.329 $\chi^2/\text{NDF}: 21.9/20$

Left: -95.577 ± 10.716 $\chi^2/\text{NDF}: 53.1/42$

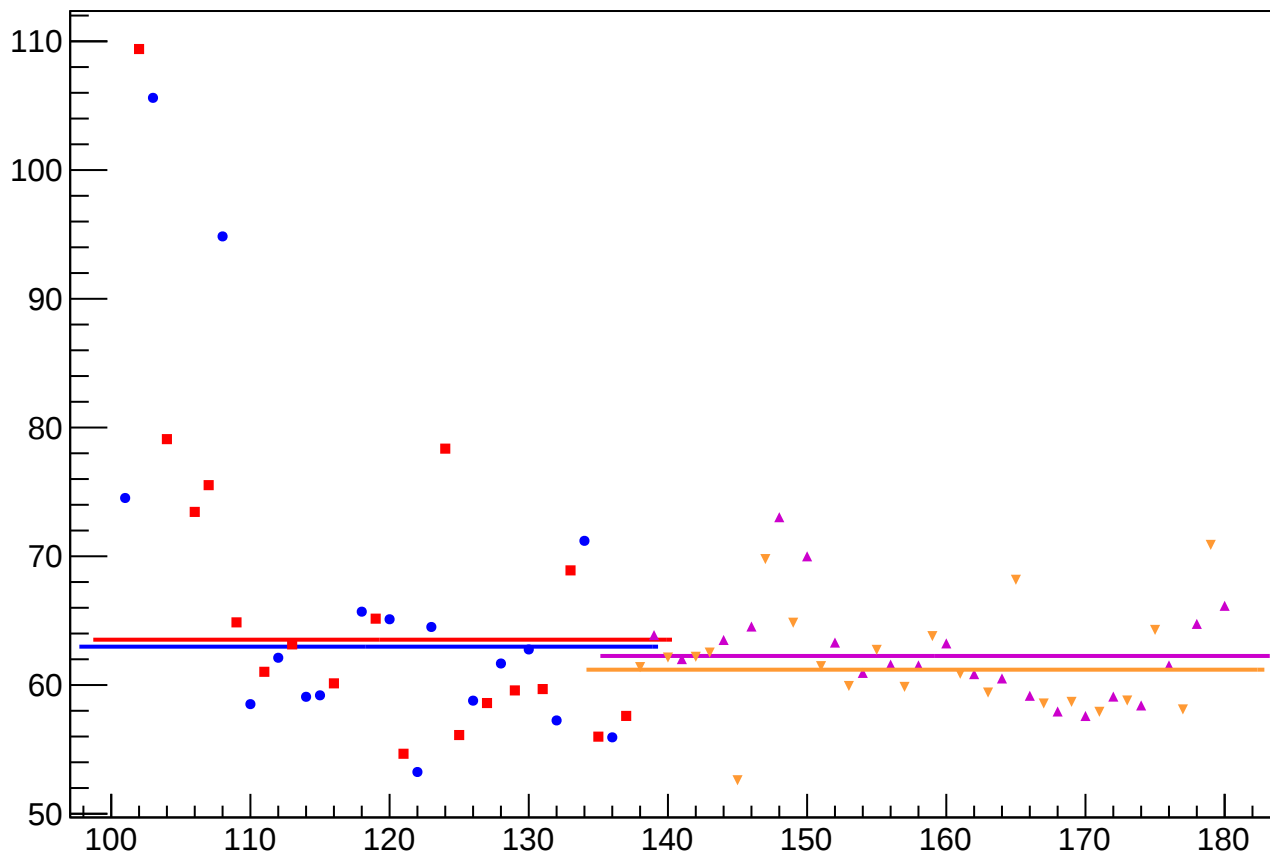
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -53.775 ± 13.025 $\chi^2/\text{NDF}: 55.0/37$

Out: -70.605 ± 12.783 $\chi^2/\text{NDF}: 60.9/39$

All: -62.347 ± 9.123 $\chi^2/\text{NDF}: 116.8/77$

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: 61.192 ± 0.011 $\chi^2/\text{NDF}: 140891.8/21$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 62.258 ± 0.011 $\chi^2/\text{NDF}: 106685.2/20$

Left: 61.713 ± 0.008 $\chi^2/\text{NDF}: 252524.4/42$

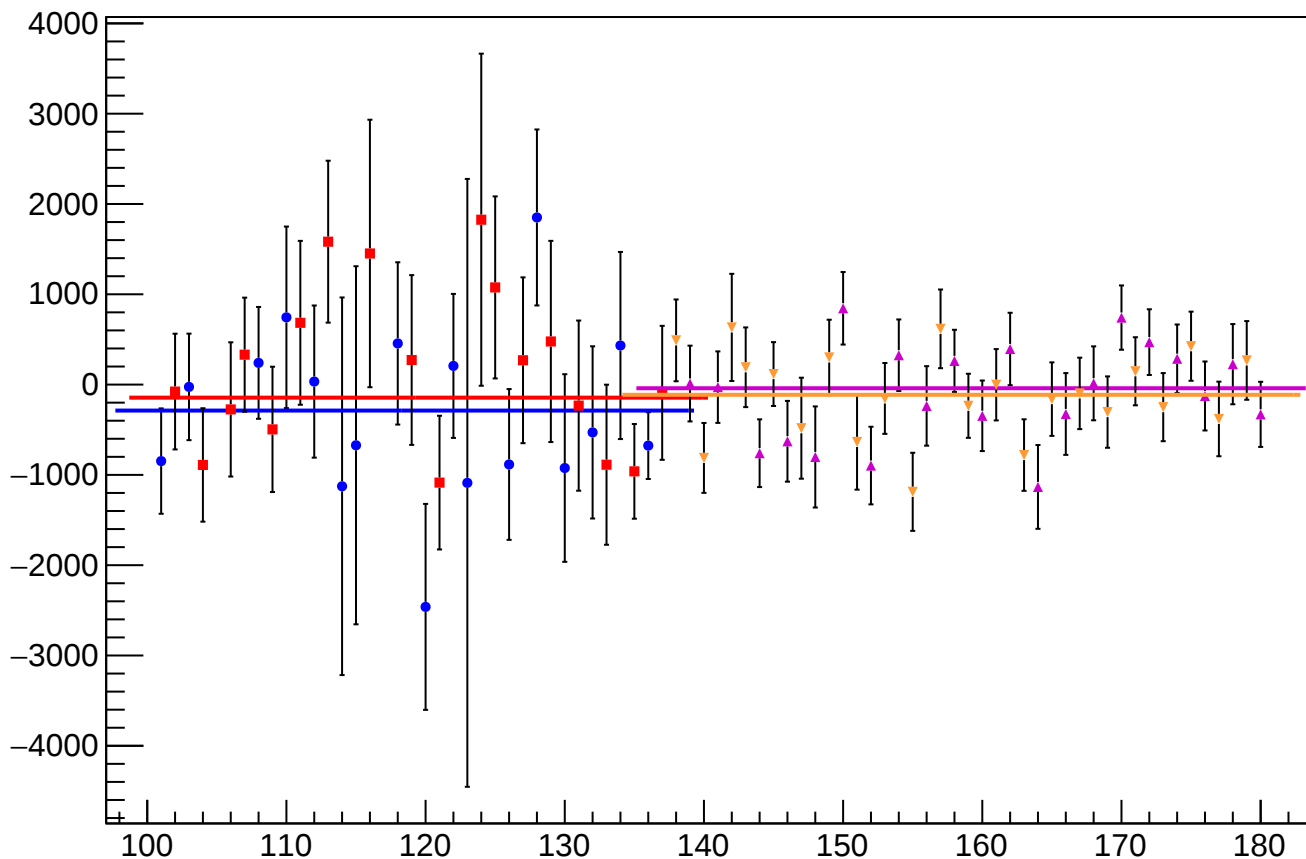
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.459 ± 0.009 $\chi^2/\text{NDF}: 483182.3/37$

Out: 61.827 ± 0.009 $\chi^2/\text{NDF}: 489496.1/39$

All: 62.137 ± 0.006 $\chi^2/\text{NDF}: 975078.4/77$

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: -112.944 ± 88.138 $\chi^2/\text{NDF}: 26.0/21$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -40.464 ± 87.980 $\chi^2/\text{NDF}: 34.3/20$

Left: -76.639 ± 62.267 $\chi^2/\text{NDF}: 60.6/42$

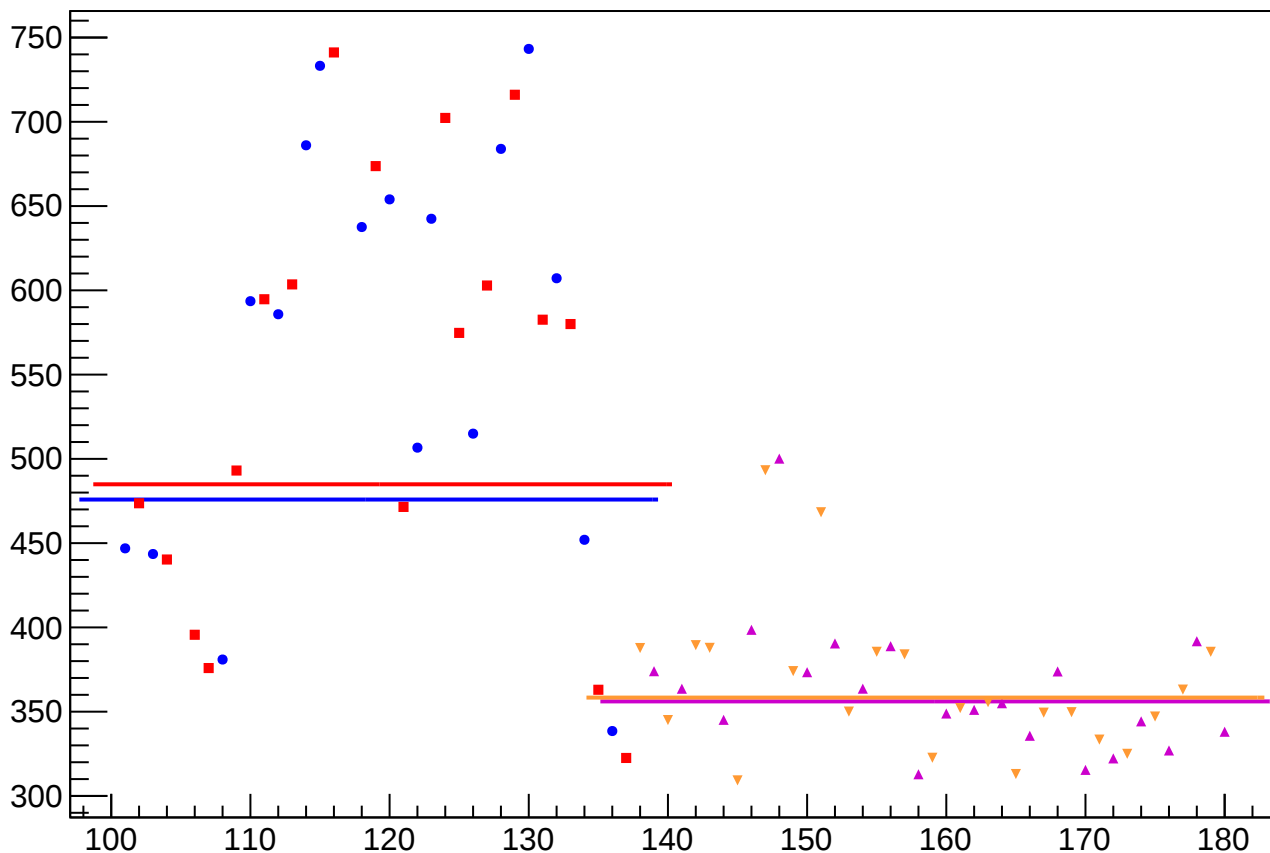
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -84.155 ± 79.828 $\chi^2/\text{NDF}: 51.0/37$

Out: -118.663 ± 79.786 $\chi^2/\text{NDF}: 42.0/39$

All: -101.418 ± 56.432 $\chi^2/\text{NDF}: 93.1/77$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 358.359+/-0.062 χ^2/NDF : 367080.1/21

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 356.096+/-0.062 χ^2/NDF : 300017.3/20

Left: 357.225+/-0.044 χ^2/NDF : 667757.8/42

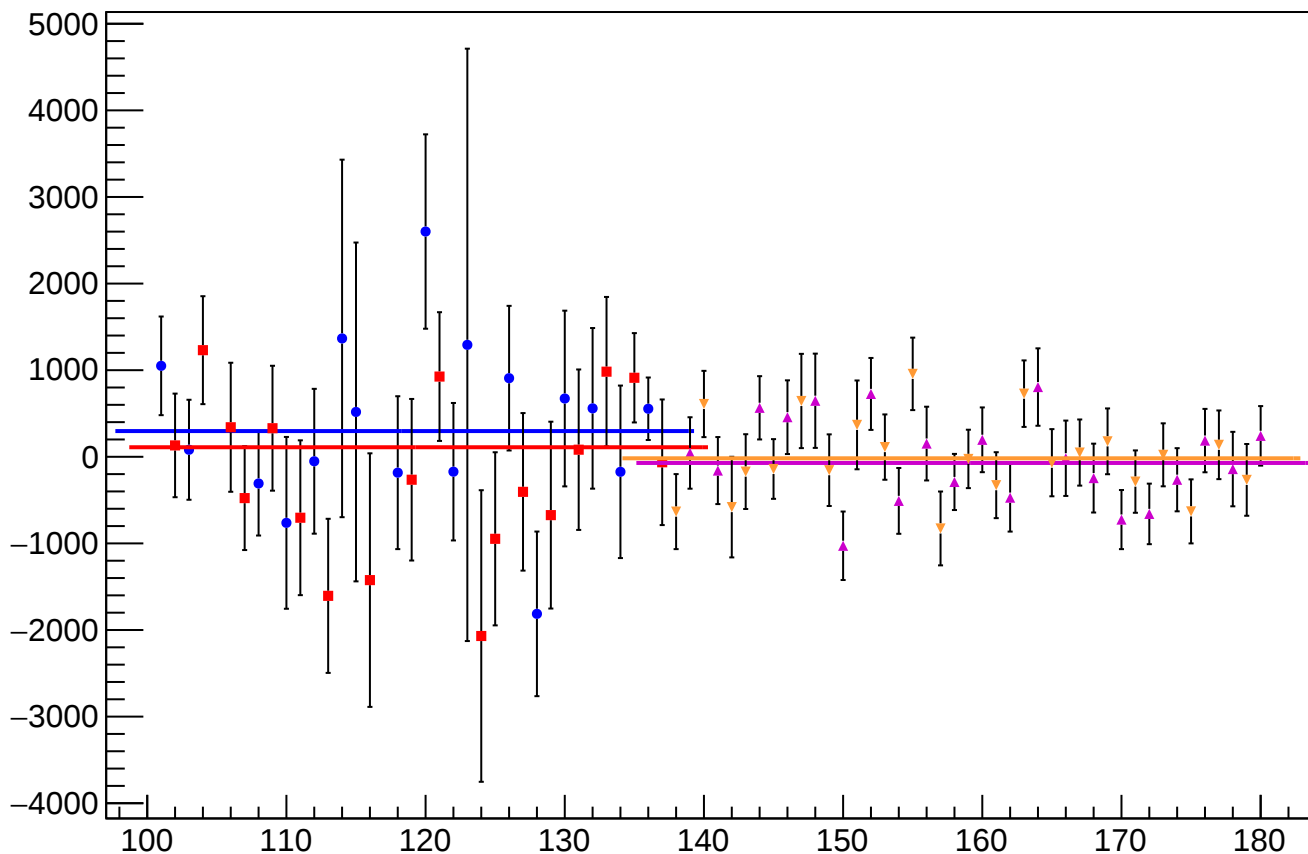
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 377.264+/-0.056 χ^2/NDF : 1792927.7/37

Out: 381.207+/-0.056 χ^2/NDF : 1827840.8/39

All: 379.236+/-0.040 χ^2/NDF : 3623209.8/77

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -17.327 $\pm$ 85.166 χ^2 /NDF:25.8/21

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -71.257 $\pm$ 84.810 χ^2 /NDF:31.8/20

Left: -44.405 $\pm$ 60.095 χ^2 /NDF: 57.8/42

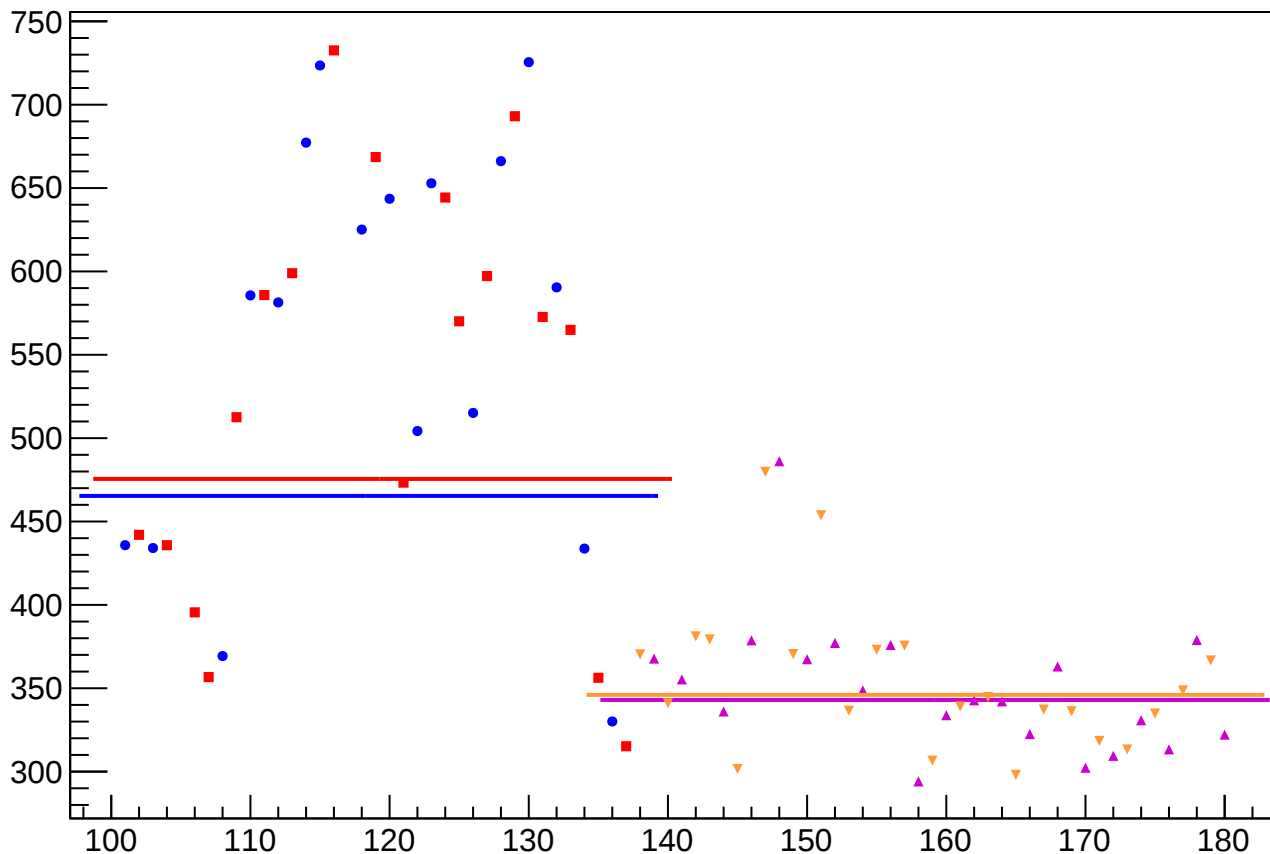
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: -7.861 $\pm$ 77.165 χ^2 /NDF:50.9/37

Out: 5.083 $\pm$ 77.318 χ^2 /NDF:44.7/39

All: -1.402 $\pm$ 54.618 χ^2 /NDF: 95.7/77

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 ± 0.132 $\chi^2/\text{NDF}: 860420.4/16$

Left Out: 346.026 ± 0.060 $\chi^2/\text{NDF}: 390416.2/21$

Right Out: 475.559 ± 0.130 $\chi^2/\text{NDF}: 740849.9/17$

Left In: 342.973 ± 0.060 $\chi^2/\text{NDF}: 335889.1/20$

Left: 344.493 ± 0.042 $\chi^2/\text{NDF}: 727595.6/42$

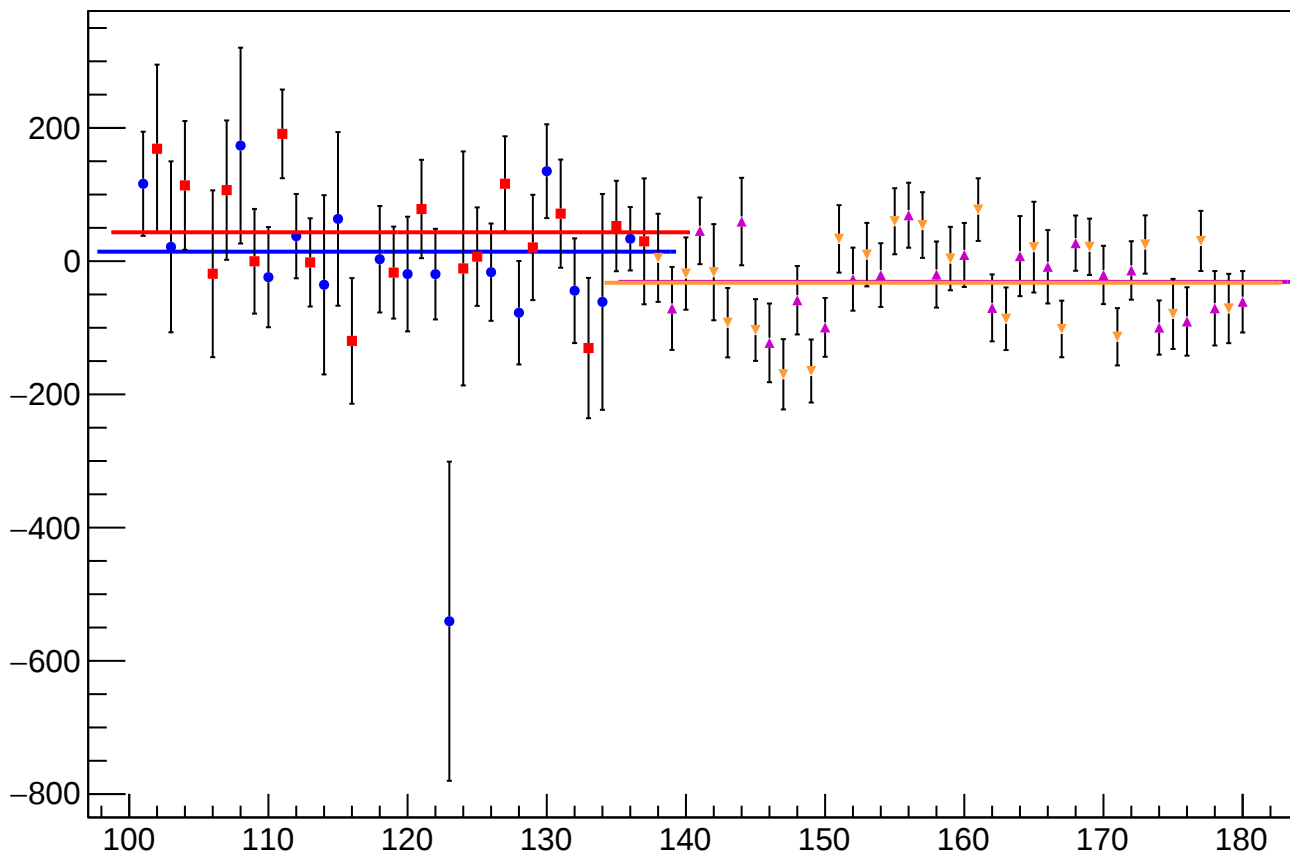
Right: 470.501 ± 0.093 $\chi^2/\text{NDF}: 1604306.1/34$

In: 364.042 ± 0.055 $\chi^2/\text{NDF}: 1913287.3/37$

Out: 368.799 ± 0.055 $\chi^2/\text{NDF}: 1944656.1/39$

All: 366.416 ± 0.039 $\chi^2/\text{NDF}: 3861735.2/77$

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: -32.376 ± 10.535 $\chi^2/\text{NDF}: 48.6/21$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -31.081 ± 10.778 $\chi^2/\text{NDF}: 23.2/20$

Left: -31.743 ± 7.534 $\chi^2/\text{NDF}: 71.8/42$

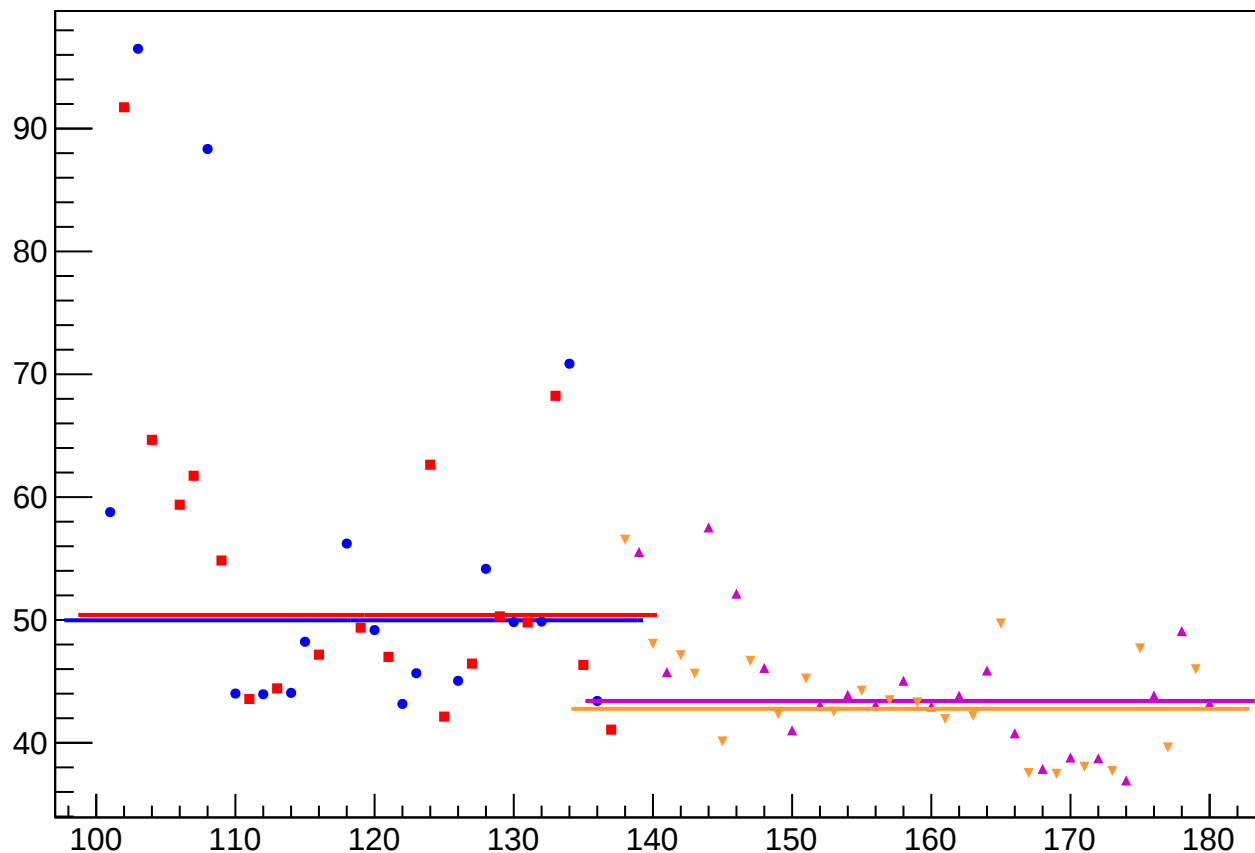
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -20.773 ± 9.473 $\chi^2/\text{NDF}: 42.0/37$

Out: -15.472 ± 9.285 $\chi^2/\text{NDF}: 76.3/39$

All: -18.069 ± 6.631 $\chi^2/\text{NDF}: 118.5/77$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 ± 0.014 $\chi^2/\text{NDF}: 578750.7/16$

Left Out: 42.767 ± 0.007 $\chi^2/\text{NDF}: 312953.9/21$

Right Out: 50.408 ± 0.014 $\chi^2/\text{NDF}: 467481.4/17$

Left In: 43.407 ± 0.008 $\chi^2/\text{NDF}: 390586.5/20$

Left: 43.080 ± 0.005 $\chi^2/\text{NDF}: 707144.8/42$

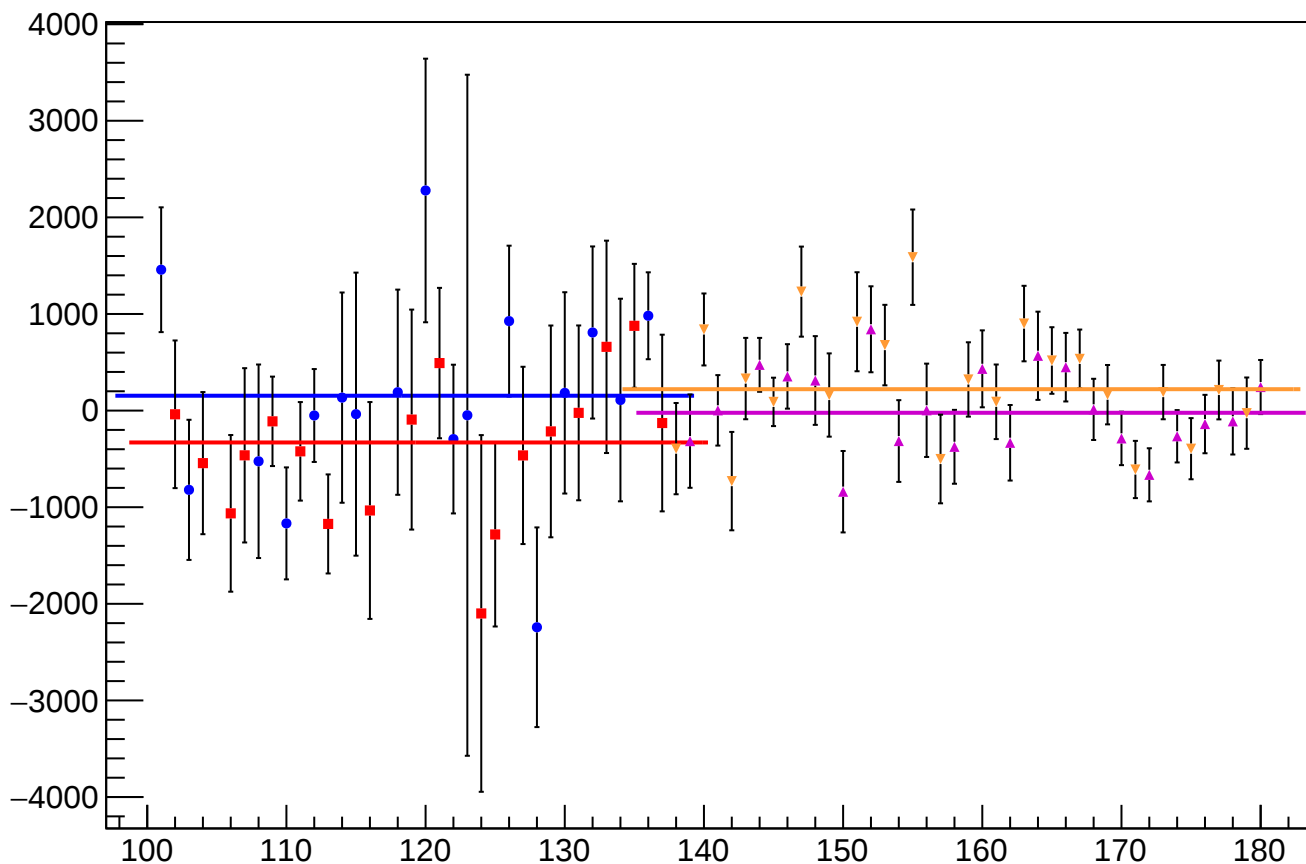
Right: 50.193 ± 0.010 $\chi^2/\text{NDF}: 1046716.4/34$

In: 44.900 ± 0.007 $\chi^2/\text{NDF}: 1138133.7/37$

Out: 44.473 ± 0.007 $\chi^2/\text{NDF}: 1015323.2/39$

All: 44.682 ± 0.005 $\chi^2/\text{NDF}: 2155527.9/77$

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: 221.477 $\pm$ 77.244 χ^2 /NDF:43.4/21

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -22.742 $\pm$ 75.941 χ^2 /NDF:27.9/20

Left: 97.291 $\pm$ 54.153 χ^2 /NDF: 76.3/42

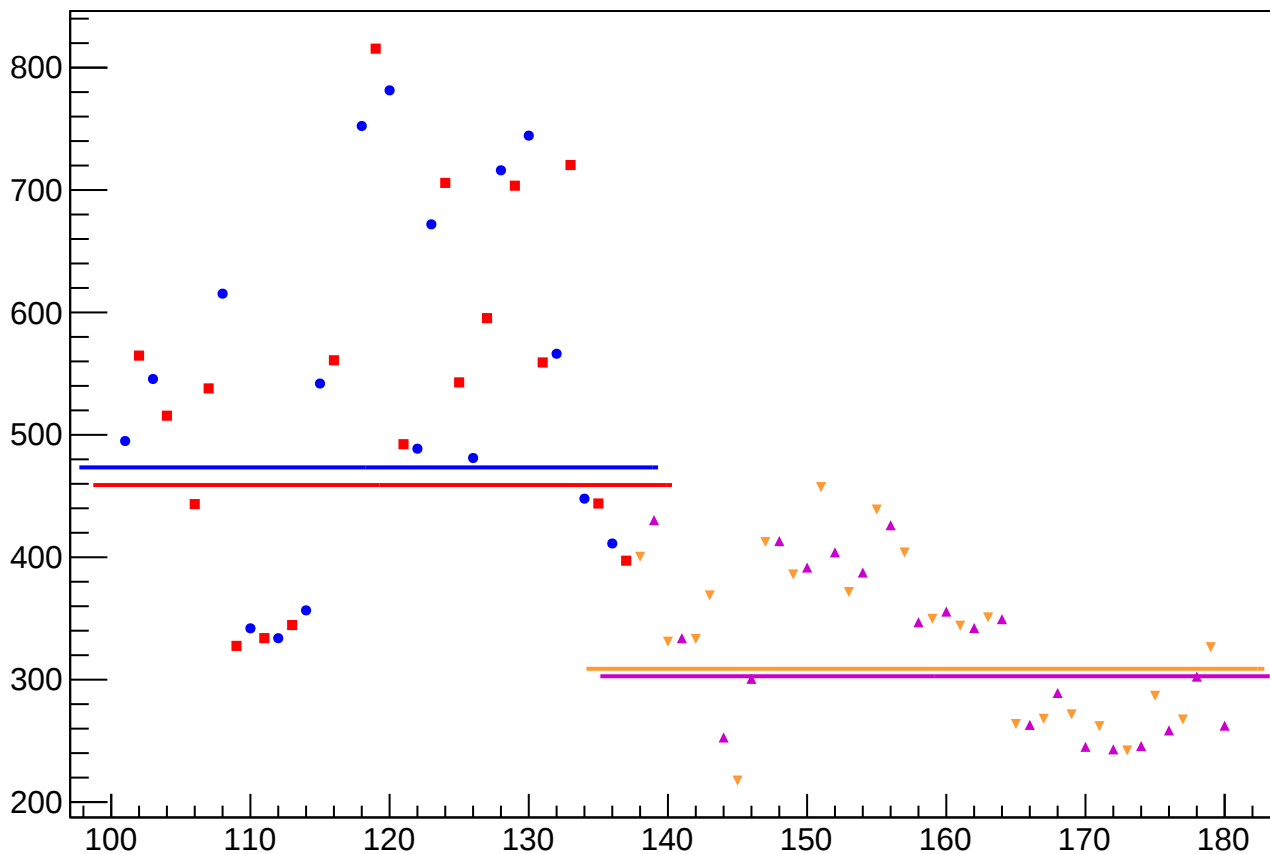
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 1.590 $\pm$ 70.515 χ^2 /NDF:53.4/37

Out: 135.556 $\pm$ 70.971 χ^2 /NDF:63.4/39

All: 68.141 $\pm$ 50.022 χ^2 /NDF: 118.6/77

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: 308.895 $\pm$ 0.055 χ^2 /NDF:1369882.6/21

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 302.806 $\pm$ 0.054 χ^2 /NDF:1222792.1/20

Left: 305.799 $\pm$ 0.038 χ^2 /NDF: 2598995.5/42

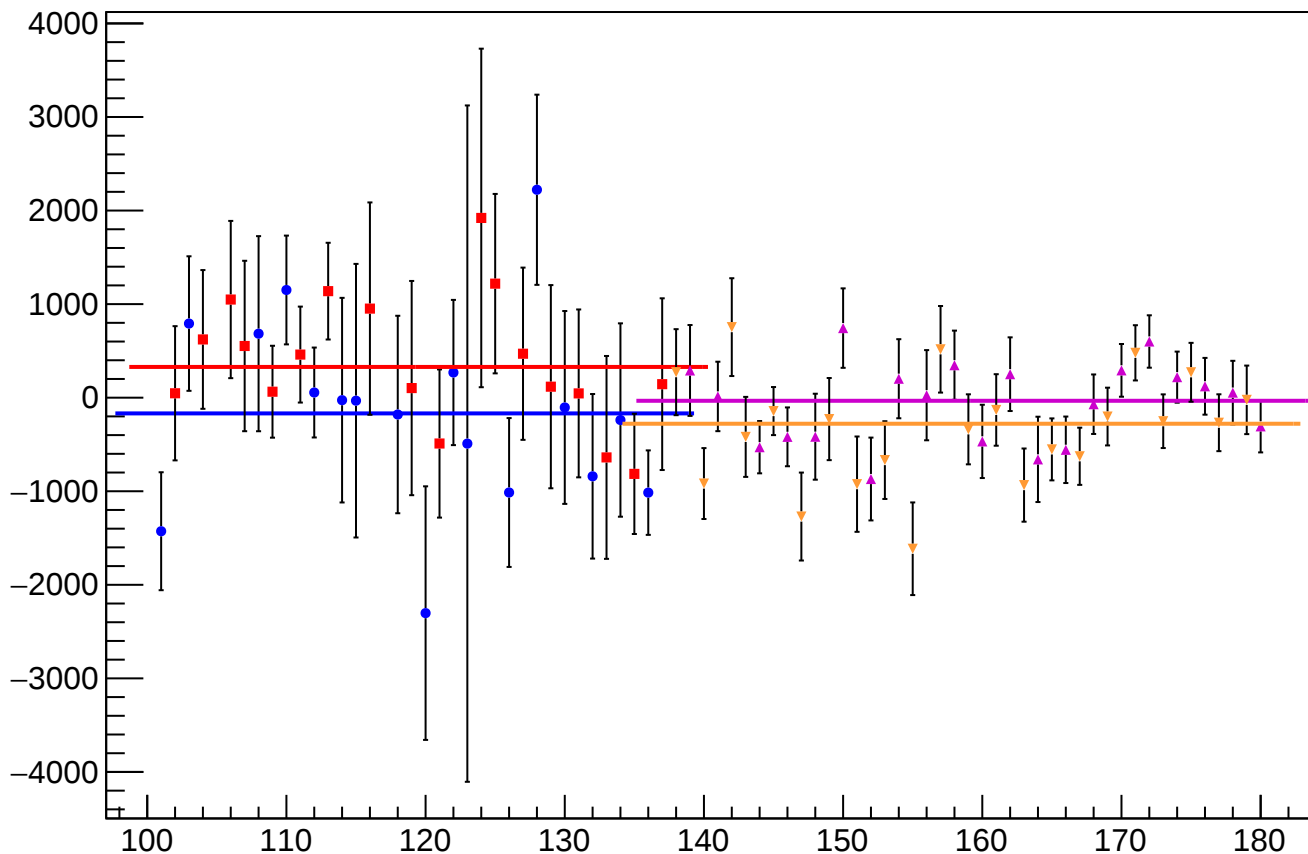
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 326.313 $\pm$ 0.050 χ^2 /NDF:3528522.4/37

Out: 332.282 $\pm$ 0.050 χ^2 /NDF:3552757.6/39

All: 329.278 $\pm$ 0.035 χ^2 /NDF: 7088398.9/77

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -278.522 $\pm$ 77.391 χ^2 /NDF:40.9/21

Right Out: 328.598 $\pm$ 181.559 χ^2 /NDF: 11.1/17

Left In: -33.188 $\pm$ 75.850 χ^2 /NDF:28.5/20

Left: -153.388 $\pm$ 54.171 χ^2 /NDF: 74.6/42

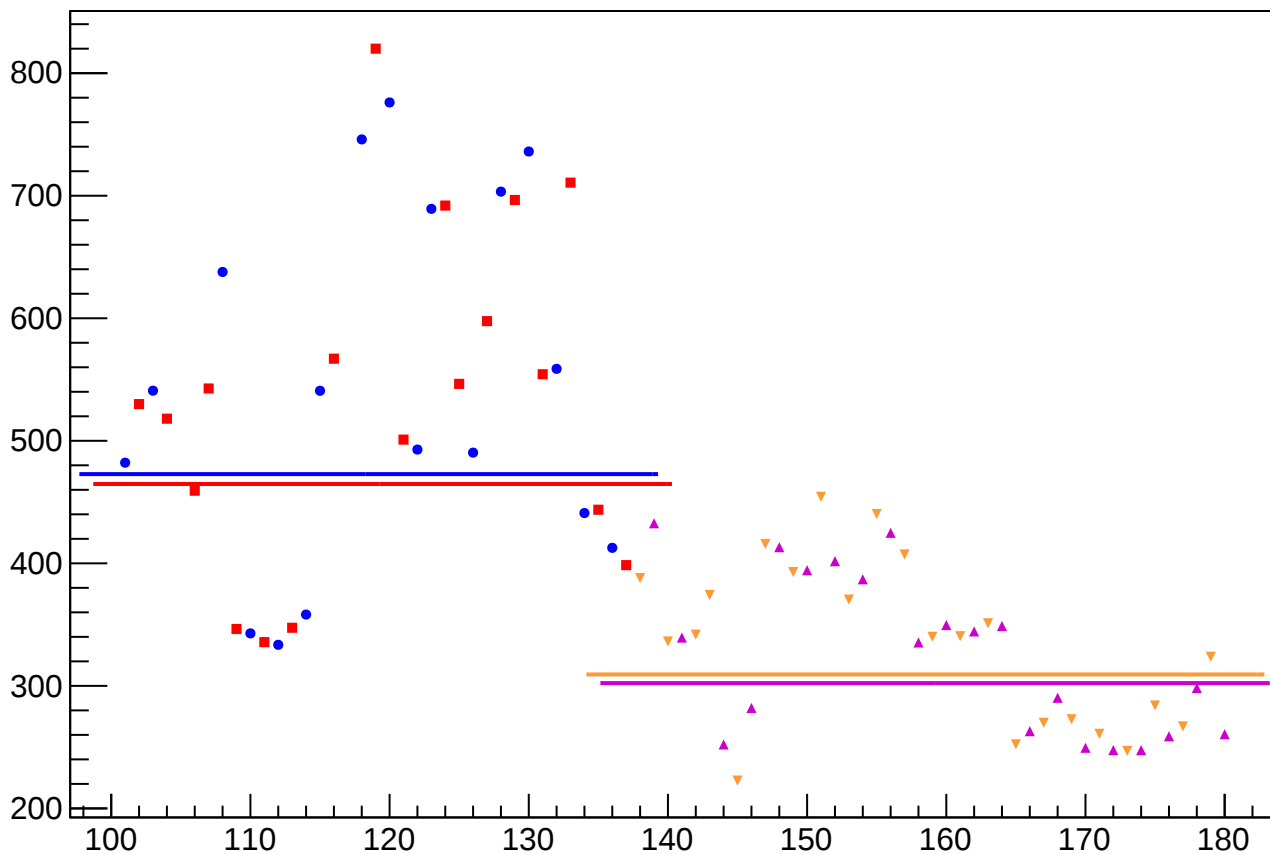
Right: 91.236 $\pm$ 131.185 χ^2 /NDF: 40.1/34

In: -51.767 $\pm$ 70.432 χ^2 /NDF:54.4/37

Out: -185.173 $\pm$ 71.193 χ^2 /NDF:61.5/39

All: -117.753 $\pm$ 50.070 χ^2 /NDF: 117.7/77

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 +/- 0.134 χ^2/NDF : 896373.5/16

Left Out: 309.327 +/- 0.055 χ^2/NDF : 1333290.2/21

Right Out: 464.761 +/- 0.128 χ^2/NDF : 914781.1/17

Left In: 302.266 +/- 0.054 χ^2/NDF : 1187854.6/20

Left: 305.725 +/- 0.038 χ^2/NDF : 2529635.9/42

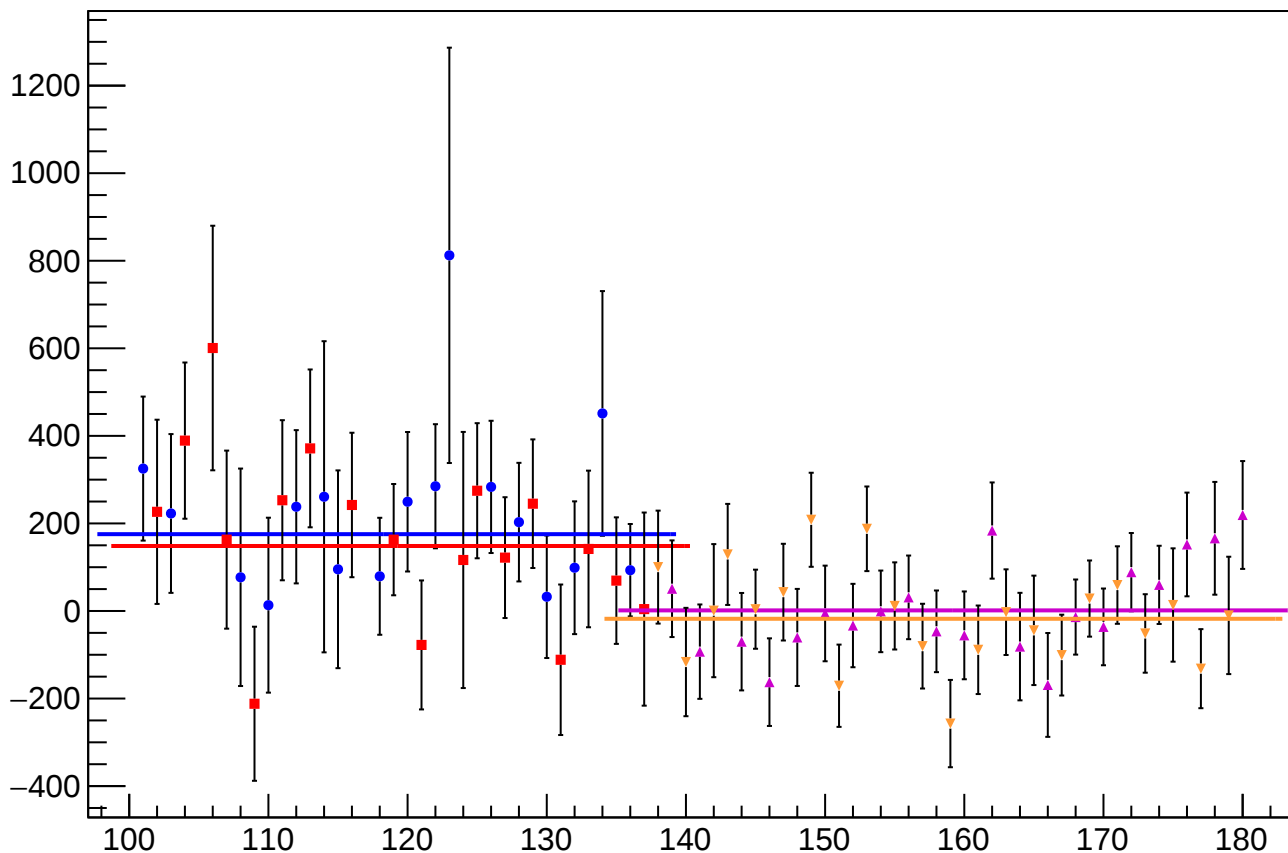
Right: 468.612 +/- 0.093 χ^2/NDF : 1813037.9/34

In: 325.762 +/- 0.050 χ^2/NDF : 3477313.6/37

Out: 333.226 +/- 0.050 χ^2/NDF : 3488522.6/39

All: 329.454 +/- 0.035 χ^2/NDF : 6976945.1/77

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -17.827 $\pm$ 21.982 χ^2 /NDF:25.5/21

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 1.366 $\pm$ 22.375 χ^2 /NDF:18.4/20

Left: -8.401 $\pm$ 15.681 χ^2 /NDF: 44.4/42

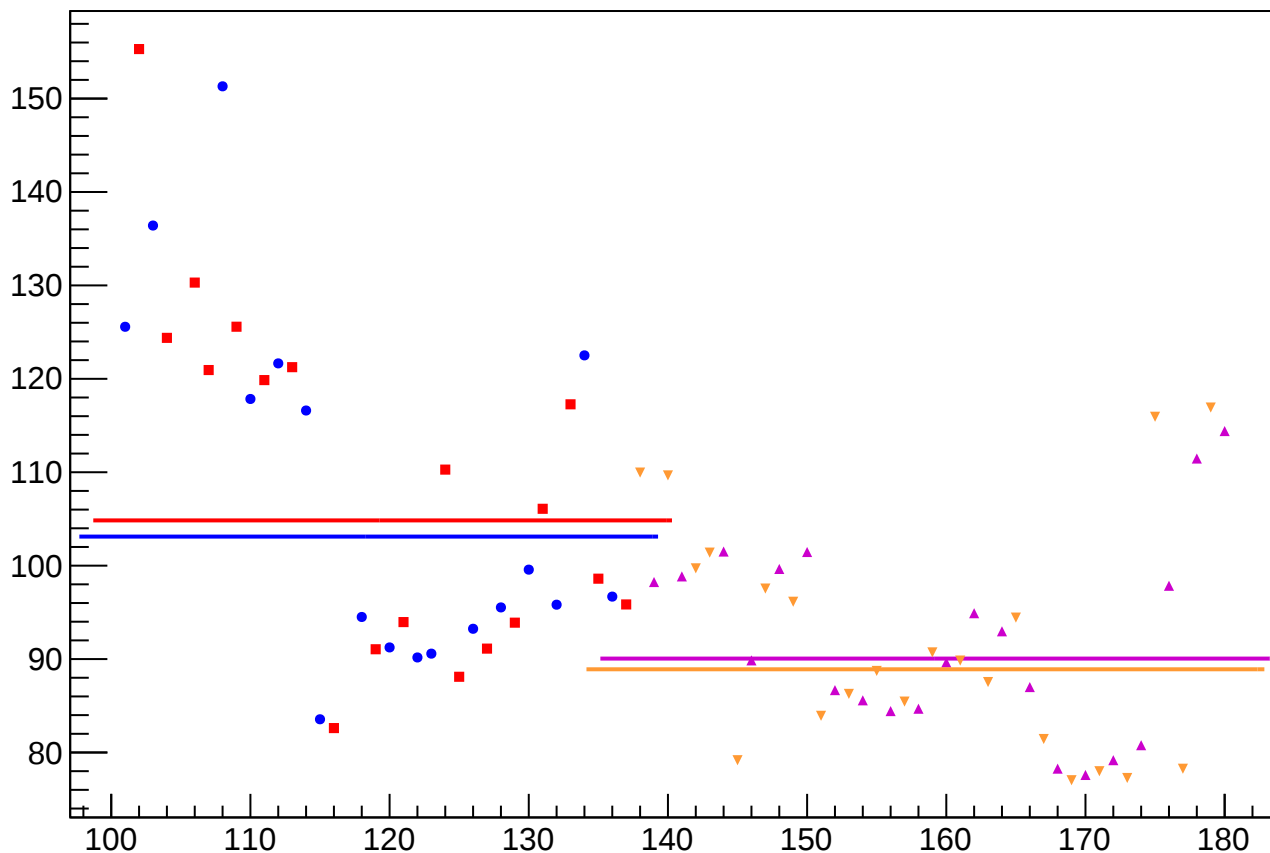
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.298 $\pm$ 19.569 χ^2 /NDF:41.3/37

Out: 20.252 $\pm$ 19.301 χ^2 /NDF:56.1/39

All: 31.124 $\pm$ 13.742 χ^2 /NDF: 98.0/77

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: 88.906 $\pm$ 0.016 χ^2/NDF : 519279.8/21

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 90.052 $\pm$ 0.016 χ^2/NDF : 380833.8/20

Left: 89.469 $\pm$ 0.011 χ^2/NDF : 902781.6/42

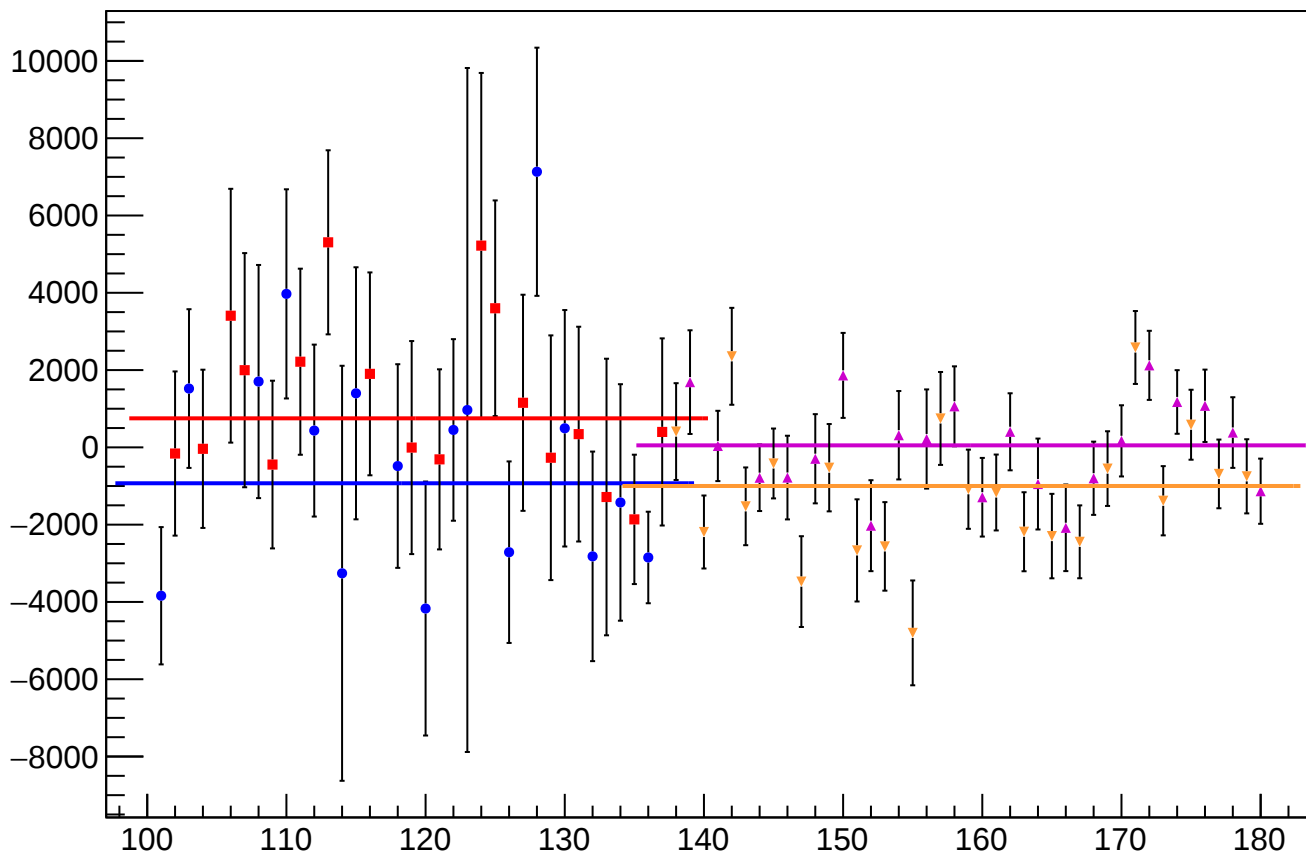
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 93.123 $\pm$ 0.014 χ^2/NDF : 847470.6/37

Out: 92.556 $\pm$ 0.014 χ^2/NDF : 1128737.4/39

All: 92.836 $\pm$ 0.010 χ^2/NDF : 1977056.4/77

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: -999.366 ± 220.303 $\chi^2/\text{NDF}: 52.0/21$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: 52.013 ± 219.140 $\chi^2/\text{NDF}: 27.5/20$

Left: -470.895 ± 155.365 $\chi^2/\text{NDF}: 90.9/42$

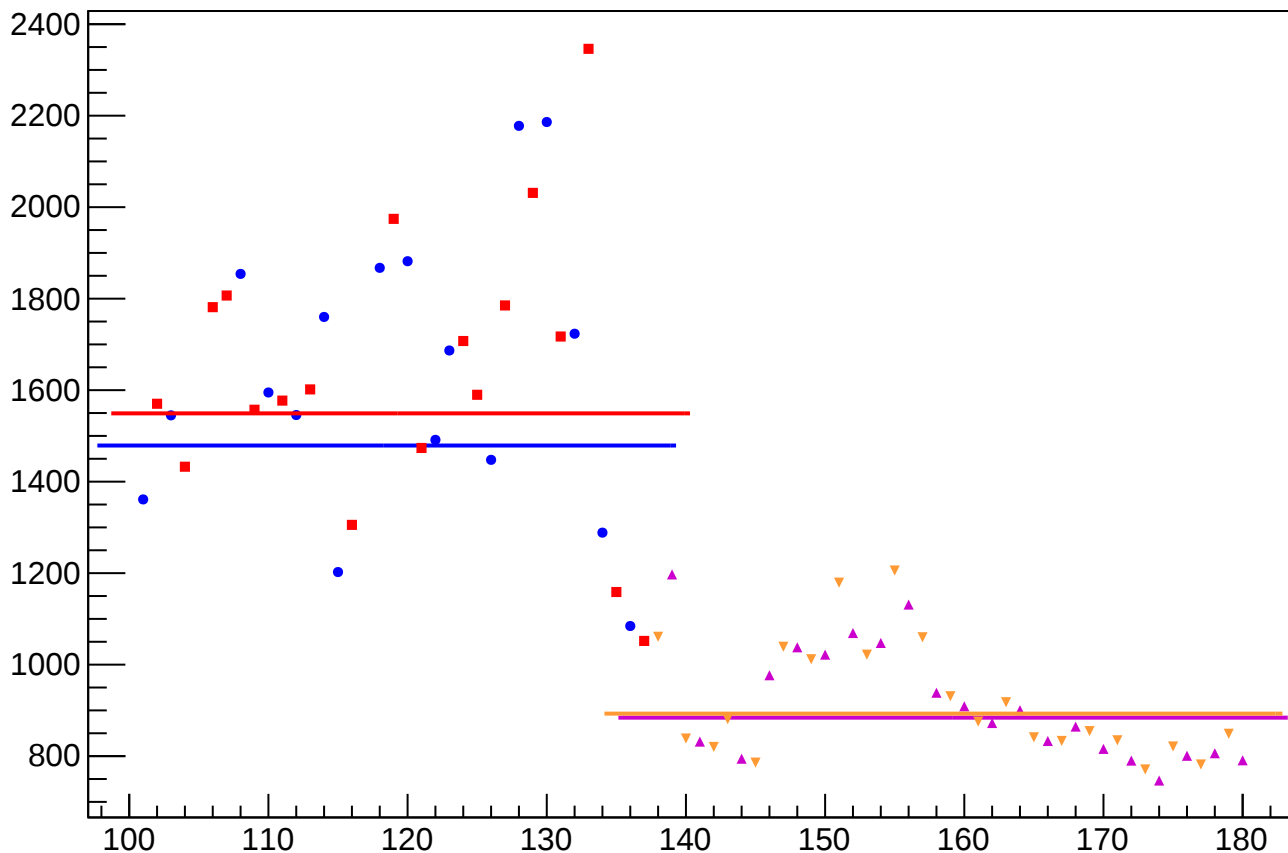
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -67.989 ± 205.299 $\chi^2/\text{NDF}: 50.8/37$

Out: -788.281 ± 206.594 $\chi^2/\text{NDF}: 70.5/39$

All: -425.870 ± 145.624 $\chi^2/\text{NDF}: 127.5/77$

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: 892.941+/-0.156 χ^2/NDF : 507788.1/21

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 884.111+/-0.155 χ^2/NDF : 539176.7/20

Left: 888.502+/-0.110 χ^2/NDF : 1048579.8/42

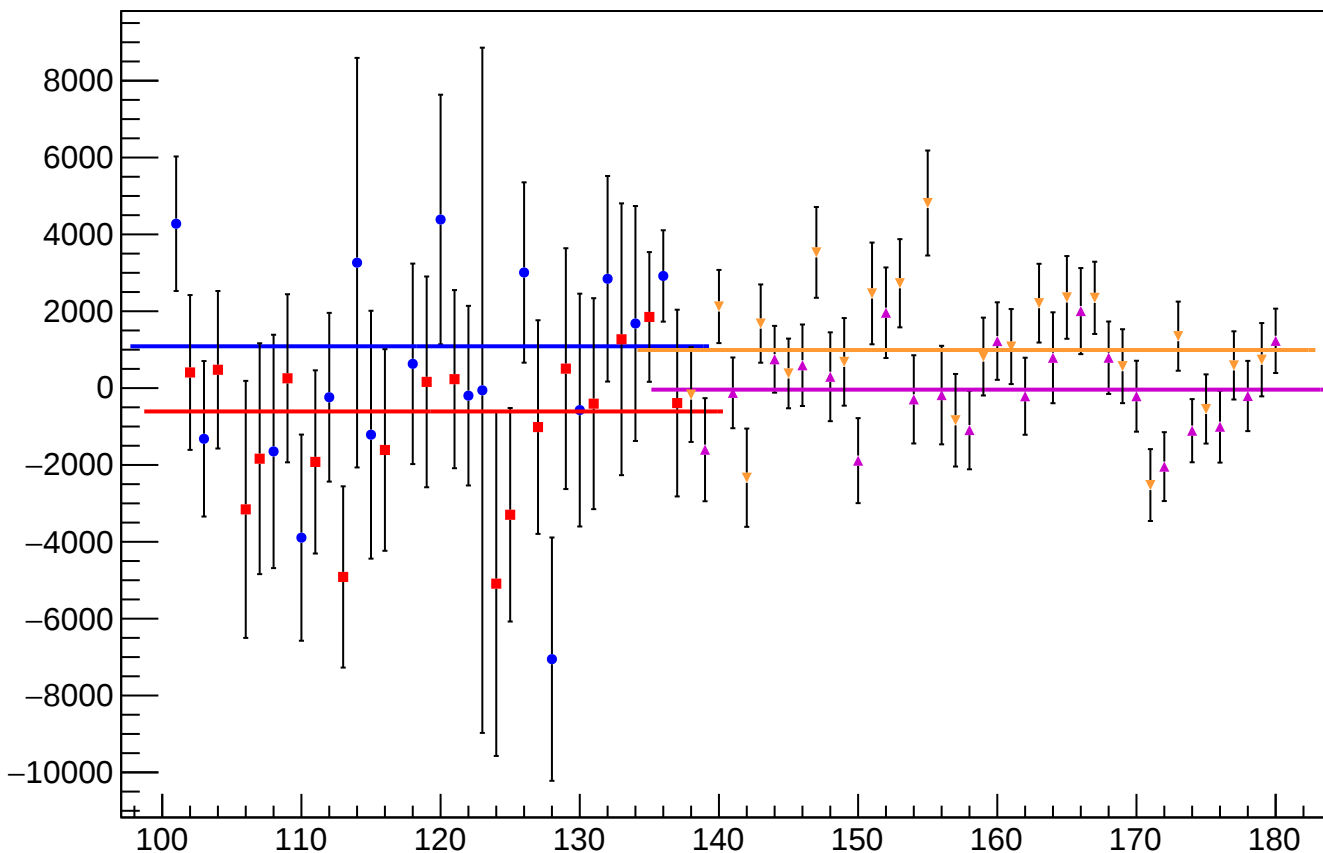
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 956.885+/-0.145 χ^2/NDF : 2931772.3/37

Out: 972.078+/-0.146 χ^2/NDF : 3110727.3/39

All: 964.433+/-0.103 χ^2/NDF : 6047942.1/77

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 991.608 $\pm$ 220.185 χ^2 /NDF:51.1/21

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -39.995 $\pm$ 219.025 χ^2 /NDF:25.8/20

Left: 473.082 $\pm$ 155.282 χ^2 /NDF: 87.9/42

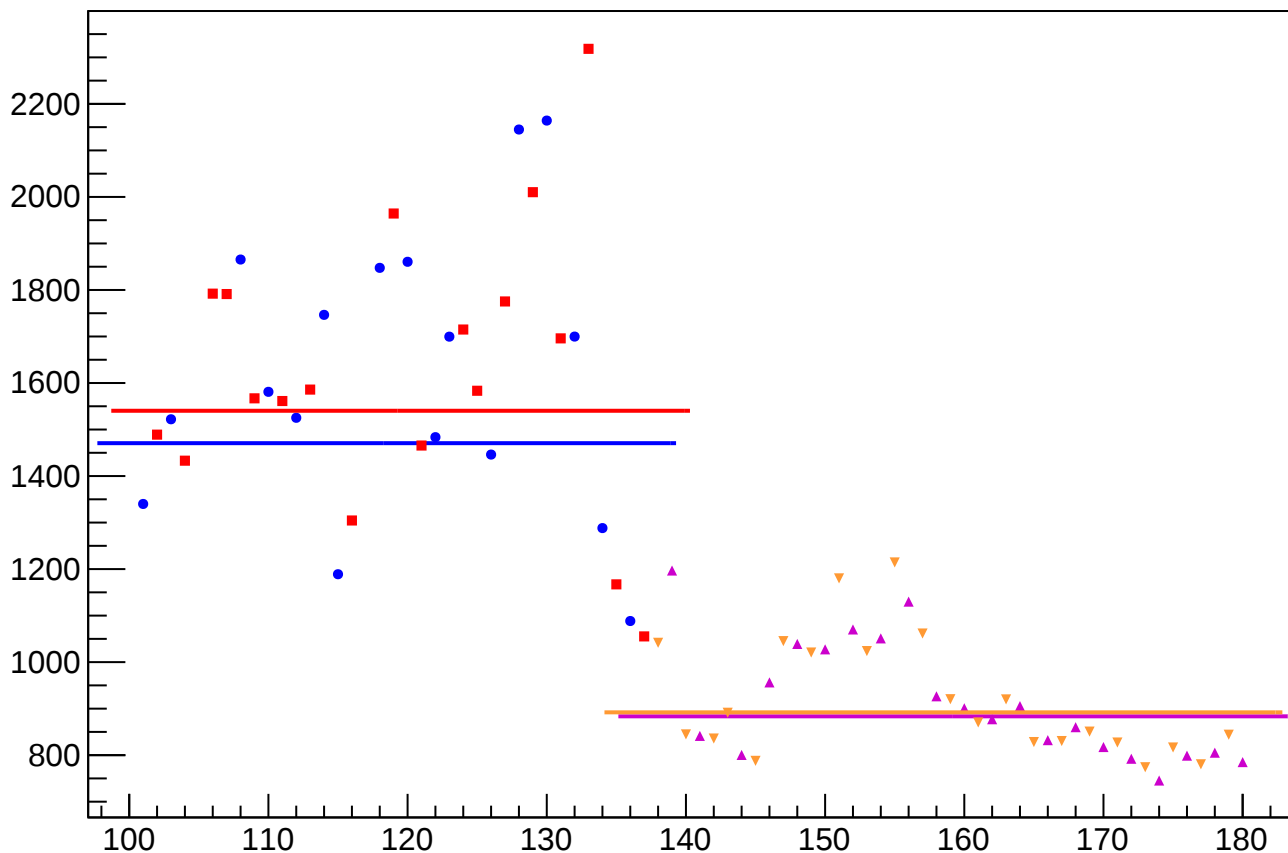
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 99.380 $\pm$ 205.047 χ^2 /NDF:50.9/37

Out: 796.967 $\pm$ 206.354 χ^2 /NDF:67.5/39

All: 445.959 $\pm$ 145.450 χ^2 /NDF: 124.1/77

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: 892.063 $\pm$ 0.156 χ^2 /NDF: 513808.4/21

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 883.497 $\pm$ 0.155 χ^2 /NDF: 534303.8/20

Left: 887.758 $\pm$ 0.110 χ^2 /NDF: 1049633.6/42

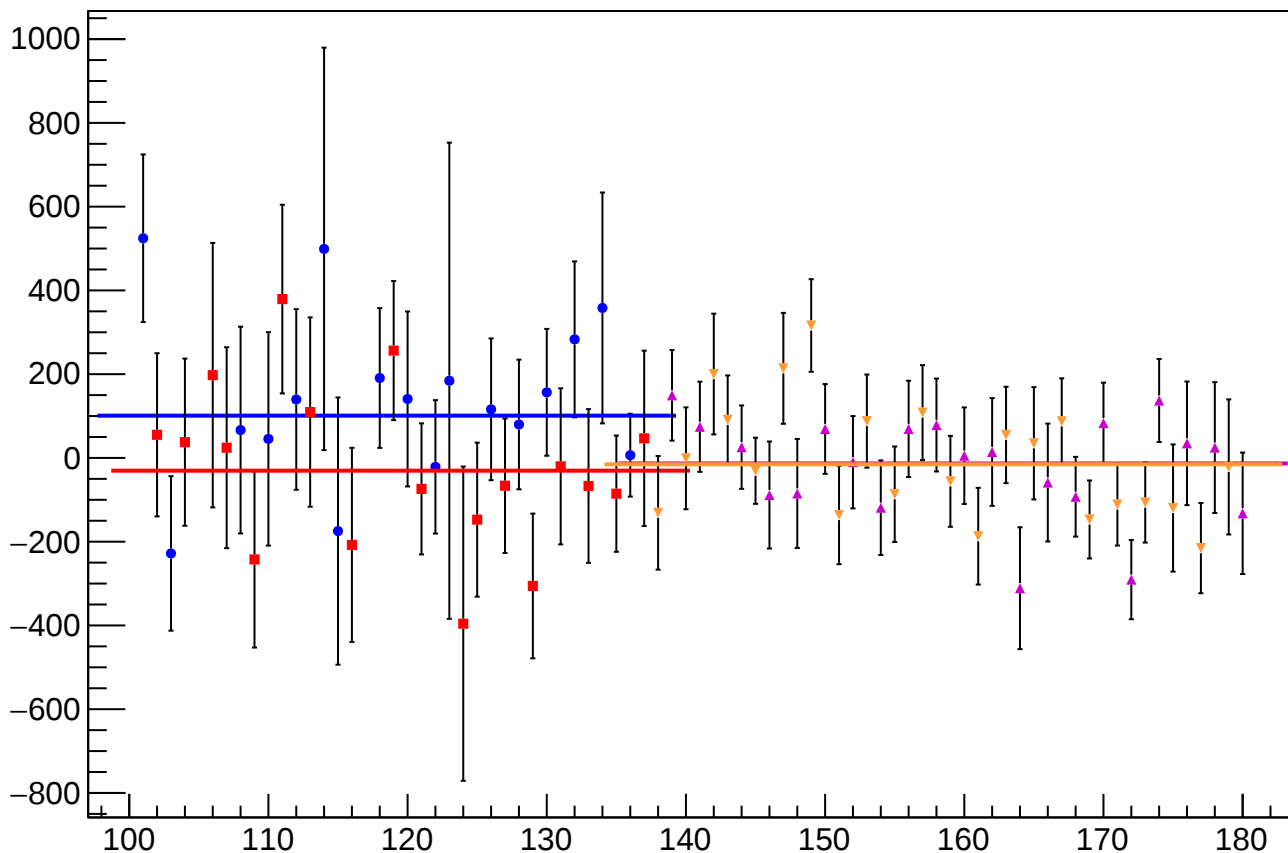
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 956.051 $\pm$ 0.145 χ^2 /NDF: 2878177.2/37

Out: 970.949 $\pm$ 0.146 χ^2 /NDF: 3066304.2/39

All: 963.453 $\pm$ 0.103 χ^2 /NDF: 5949727.2/77

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: -15.240 ± 23.910 $\chi^2/\text{NDF}: 31.2/21$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -13.239 ± 25.026 $\chi^2/\text{NDF}: 24.2/20$

Left: -14.285 ± 17.288 $\chi^2/\text{NDF}: 55.4/42$

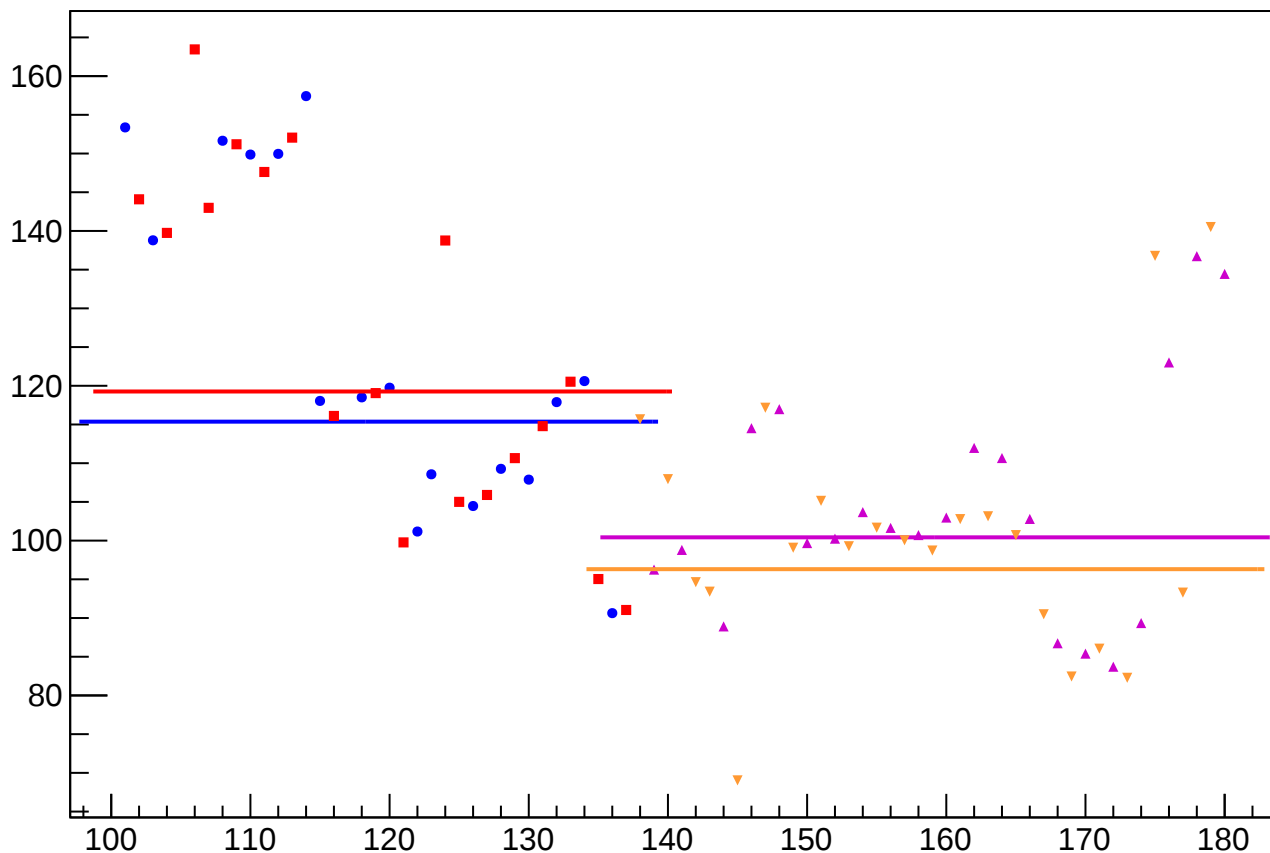
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 13.470 ± 21.904 $\chi^2/\text{NDF}: 42.1/37$

Out: -18.499 ± 21.186 $\chi^2/\text{NDF}: 44.8/39$

All: -3.047 ± 15.228 $\chi^2/\text{NDF}: 87.9/77$

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: 96.311 $\pm$ 0.017 χ^2 /NDF: 796207.1/21

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.423 $\pm$ 0.018 χ^2 /NDF: 558818.8/20

Left: 98.274 $\pm$ 0.012 χ^2 /NDF: 1383254.9/42

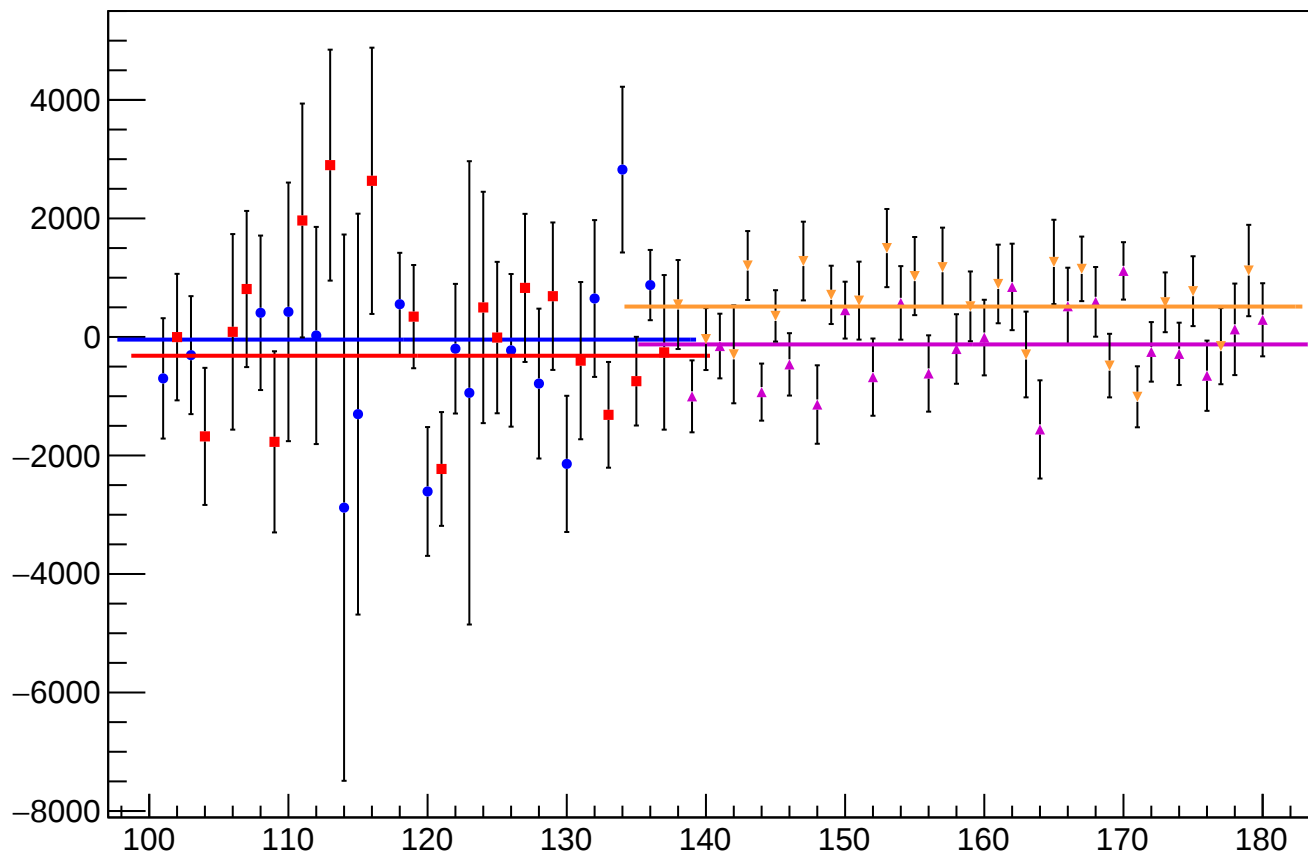
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 103.920 $\pm$ 0.015 χ^2 /NDF: 1137011.4/37

Out: 101.242 $\pm$ 0.015 χ^2 /NDF: 1590431.9/39

All: 102.536 $\pm$ 0.011 χ^2 /NDF: 2742884.6/77

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 512.913 ± 127.707 χ^2/NDF : 27.2/21

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -125.857 ± 128.125 χ^2/NDF : 27.0/20

Left: 194.570 ± 90.450 χ^2/NDF : 66.6/42

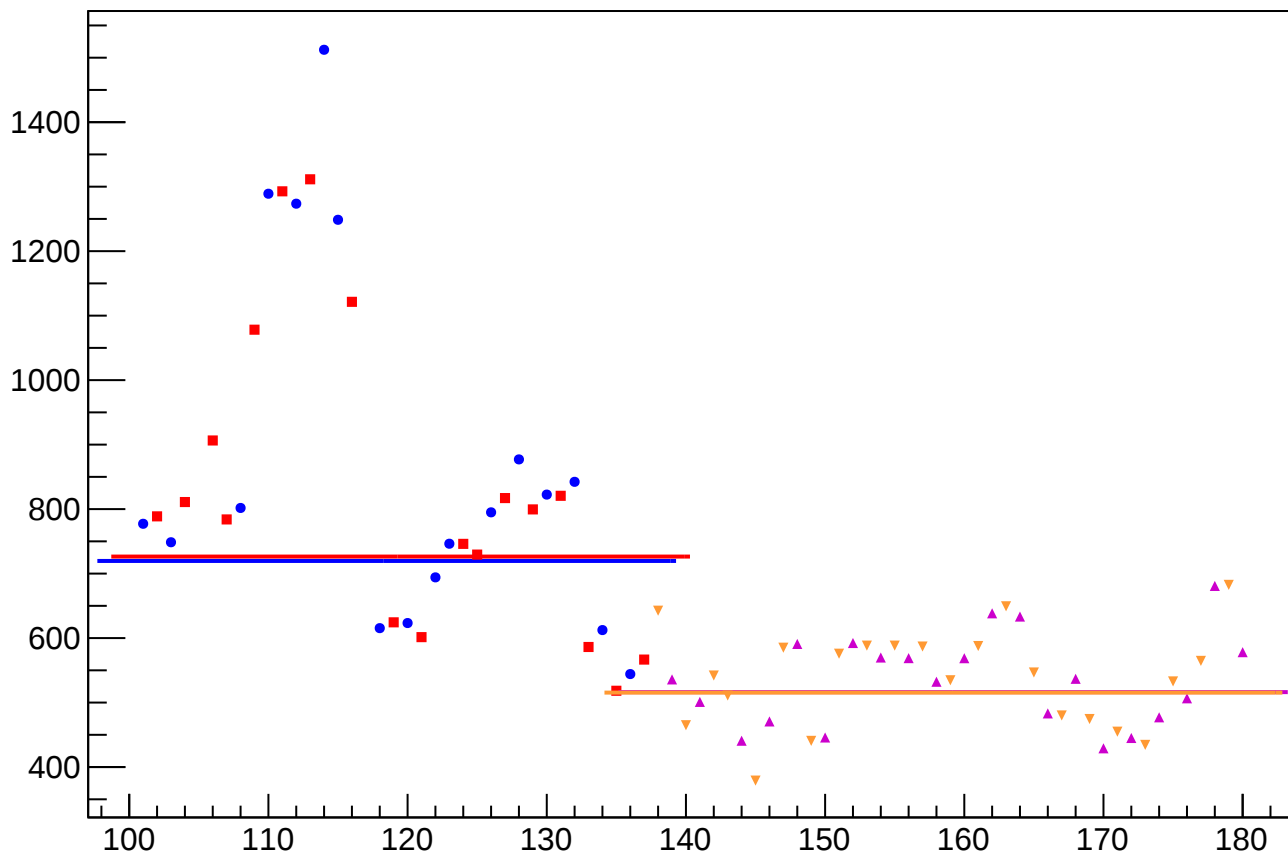
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -112.290 ± 116.947 χ^2/NDF : 45.0/37

Out: 372.601 ± 116.412 χ^2/NDF : 51.1/39

All: 131.268 ± 82.504 χ^2/NDF : 104.7/77

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: 515.449 $\pm$ 0.090 χ^2 /NDF: 738213.7/21

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 516.207 $\pm$ 0.091 χ^2 /NDF: 537855.9/20

Left: 515.827 $\pm$ 0.064 χ^2 /NDF: 1276104.7/42

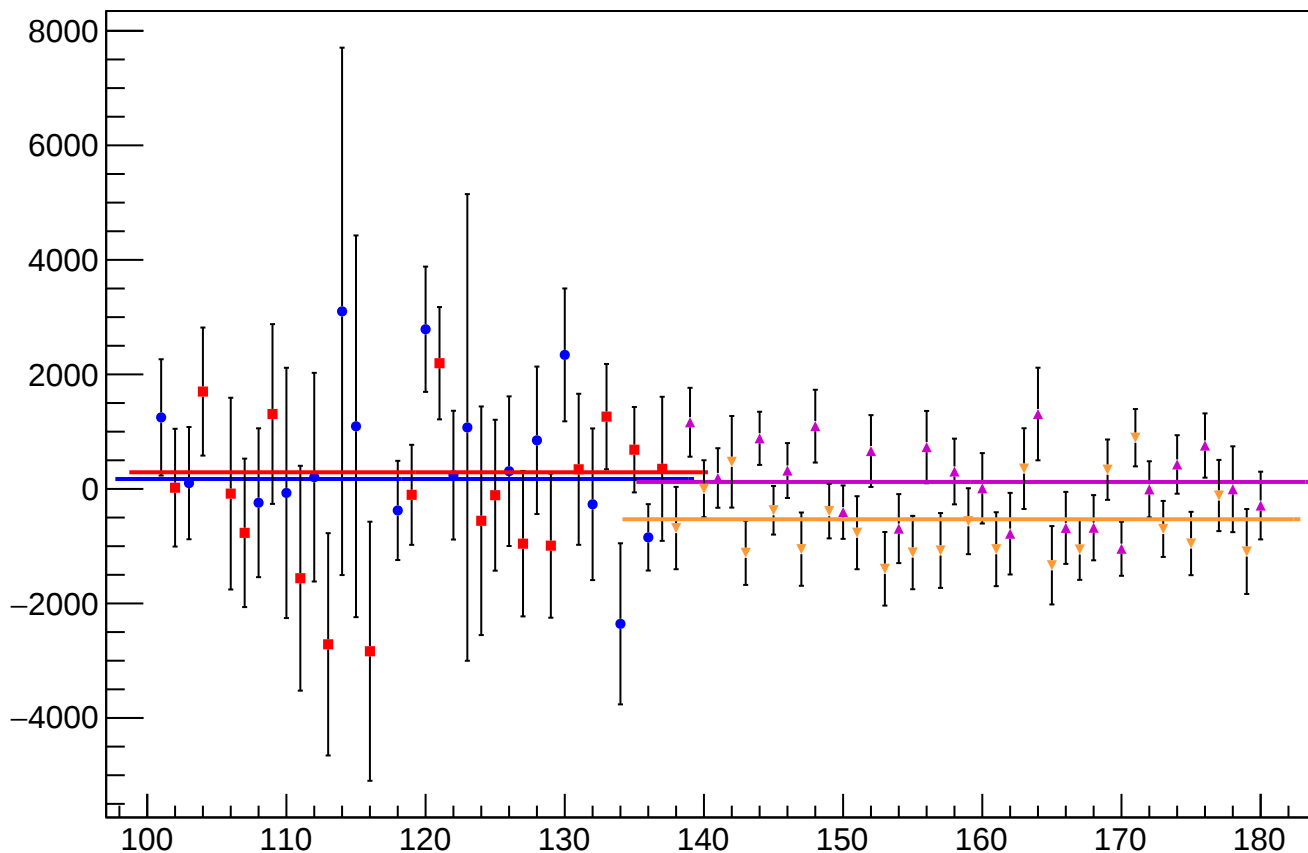
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.149 $\pm$ 0.083 χ^2 /NDF: 2125896.3/37

Out: 551.115 $\pm$ 0.082 χ^2 /NDF: 2541825.5/39

All: 550.634 $\pm$ 0.058 χ^2 /NDF: 4667790.4/77

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: -529.679 $\pm$ 123.713 χ^2 /NDF:25.3/21

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 121.887 $\pm$ 123.643 χ^2 /NDF:28.8/20

Left: -203.712 $\pm$ 87.454 χ^2 /NDF: 68.0/42

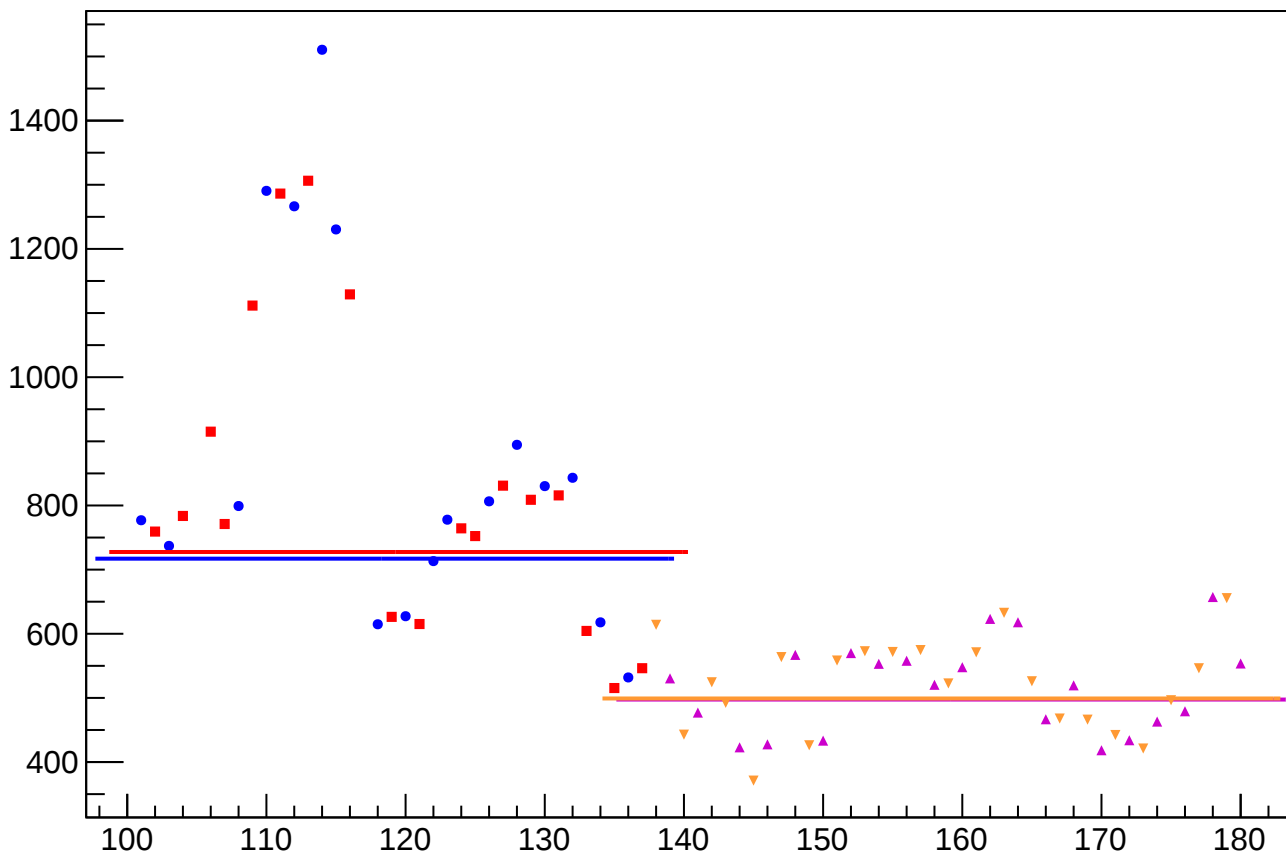
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 129.980 $\pm$ 113.471 χ^2 /NDF:47.0/37

Out: -398.467 $\pm$ 113.390 χ^2 /NDF:48.0/39

All: -134.431 $\pm$ 80.208 χ^2 /NDF: 105.8/77

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: 499.109 $\pm$ 0.087 χ^2/NDF : 718777.2/21

Right Out: 727.490 $\pm$ 0.200 χ^2/NDF : 881036.5/17

Left In: 497.433 $\pm$ 0.087 χ^2/NDF : 567585.6/20

Left: 498.270 $\pm$ 0.062 χ^2/NDF : 1286546.3/42

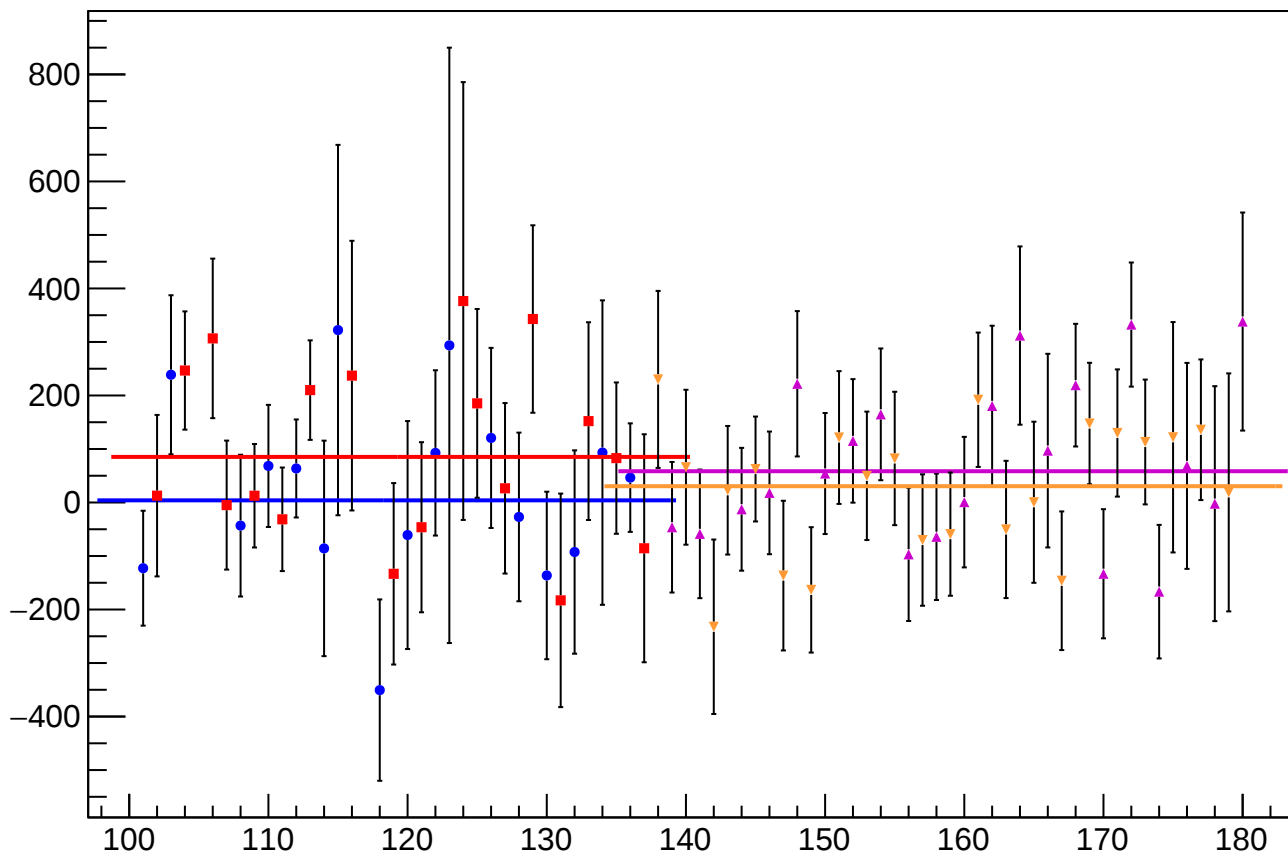
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 532.088 $\pm$ 0.080 χ^2/NDF : 2345861.6/37

Out: 535.632 $\pm$ 0.080 χ^2/NDF : 2689809.7/39

All: 533.861 $\pm$ 0.057 χ^2/NDF : 5036647.2/77

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: 30.425 $\pm$ 27.637 χ^2/NDF : 17.4/21

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 58.458 $\pm$ 28.496 χ^2/NDF : 25.8/20

Left: 44.013 $\pm$ 19.839 χ^2/NDF : 43.7/42

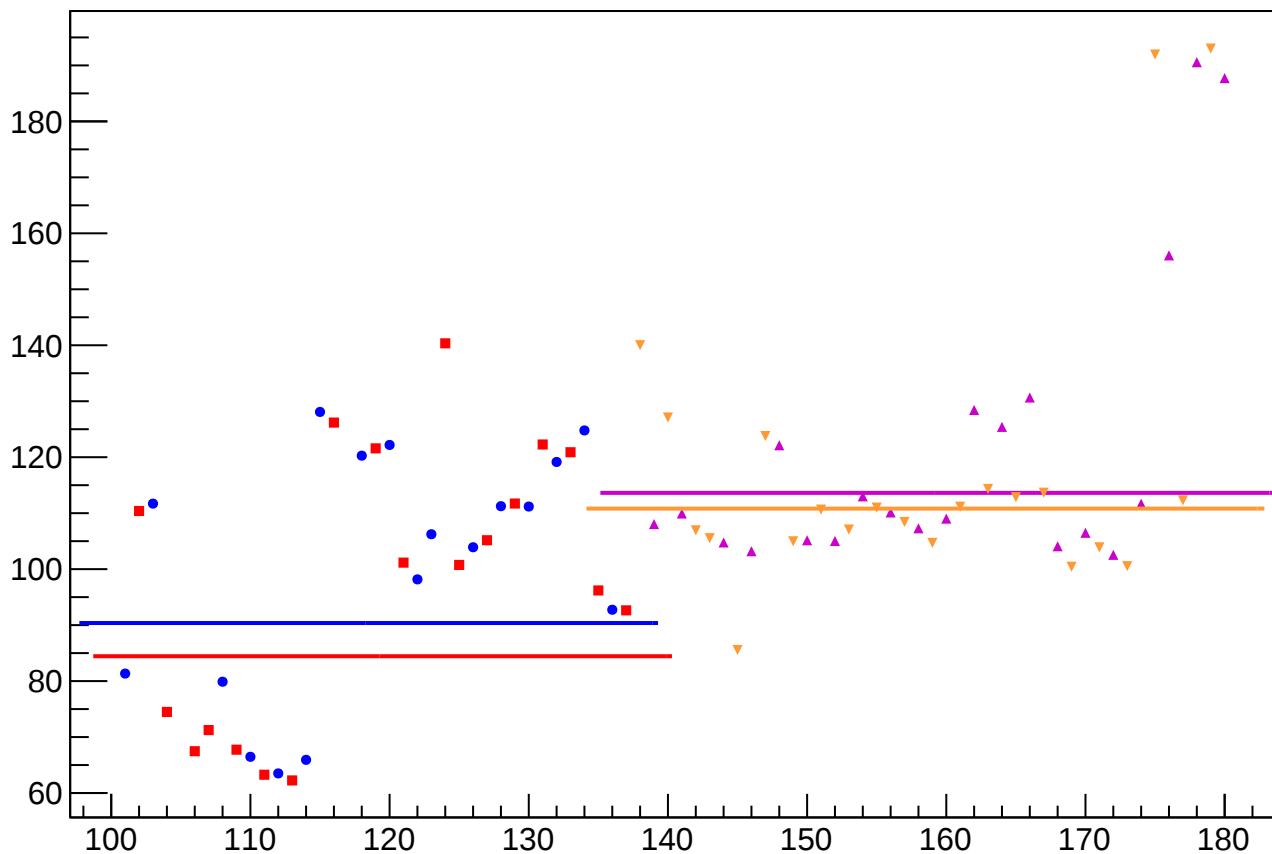
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 37.449 $\pm$ 22.332 χ^2/NDF : 39.9/37

Out: 52.678 $\pm$ 21.296 χ^2/NDF : 36.4/39

All: 45.425 $\pm$ 15.412 χ^2/NDF : 76.6/77

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 ± 0.025 $\chi^2/\text{NDF}: 654139.7/16$

Left Out: 110.816 ± 0.020 $\chi^2/\text{NDF}: 855407.4/21$

Right Out: 84.442 ± 0.024 $\chi^2/\text{NDF}: 870835.6/17$

Left In: 113.627 ± 0.020 $\chi^2/\text{NDF}: 769151.0/20$

Left: 112.179 ± 0.014 $\chi^2/\text{NDF}: 1634591.3/42$

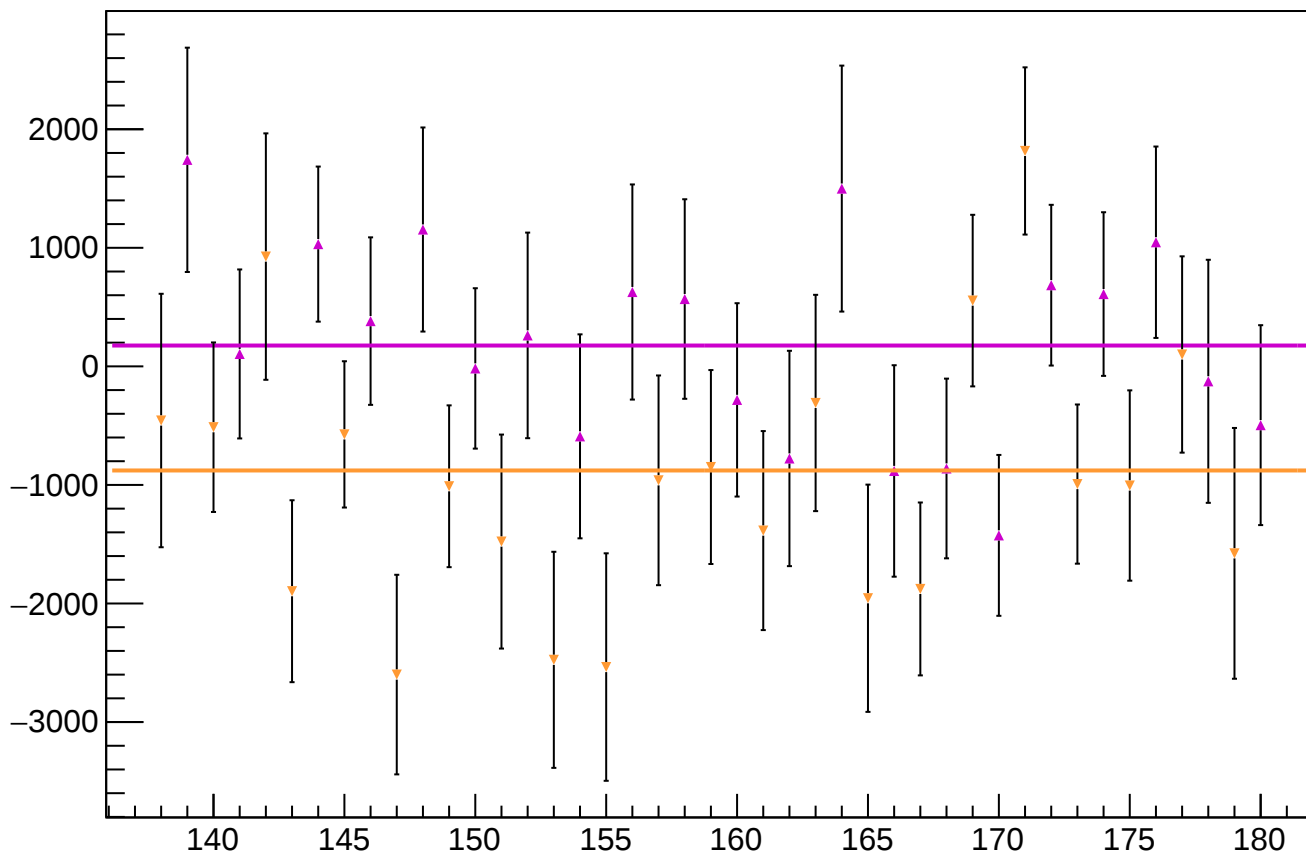
Right: 87.192 ± 0.017 $\chi^2/\text{NDF}: 1554203.3/34$

In: 104.655 ± 0.016 $\chi^2/\text{NDF}: 1937118.5/37$

Out: 100.102 ± 0.015 $\chi^2/\text{NDF}: 2466135.1/39$

All: 102.271 ± 0.011 $\chi^2/\text{NDF}: 4446794.3/77$

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -878.071+/-172.590 χ^2/NDF :40.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 175.725+/-173.398 χ^2/NDF :21.9/20

Left: -353.636+/-122.324 χ^2/NDF : 81.0/42

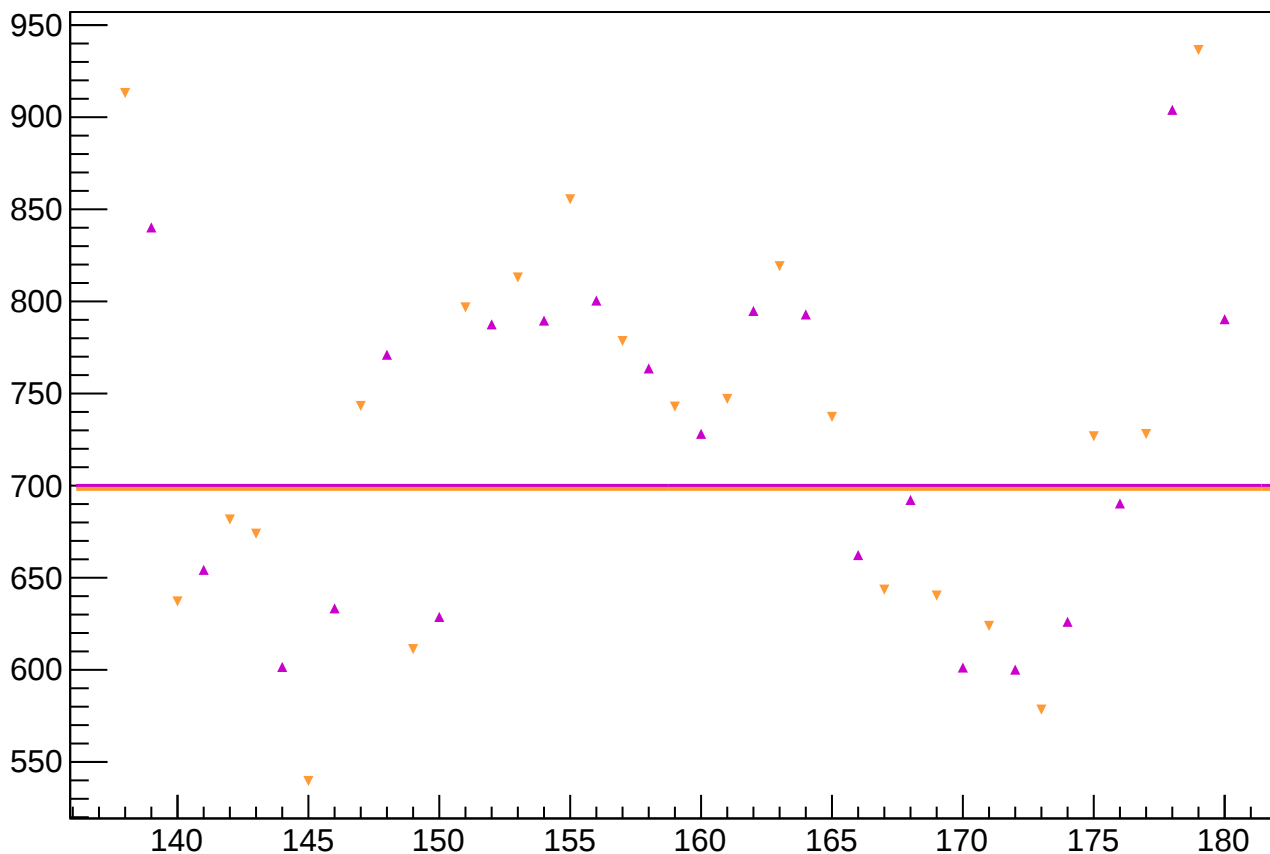
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 175.725+/-173.398 χ^2/NDF :21.9/20

Out: -878.071+/-172.590 χ^2/NDF :40.5/21

All: -353.636+/-122.324 χ^2/NDF : 81.0/42

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.240+/-0.122 χ^2/NDF : 661853.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Left: 699.038+/-0.086 χ^2/NDF : 1146283.2/42

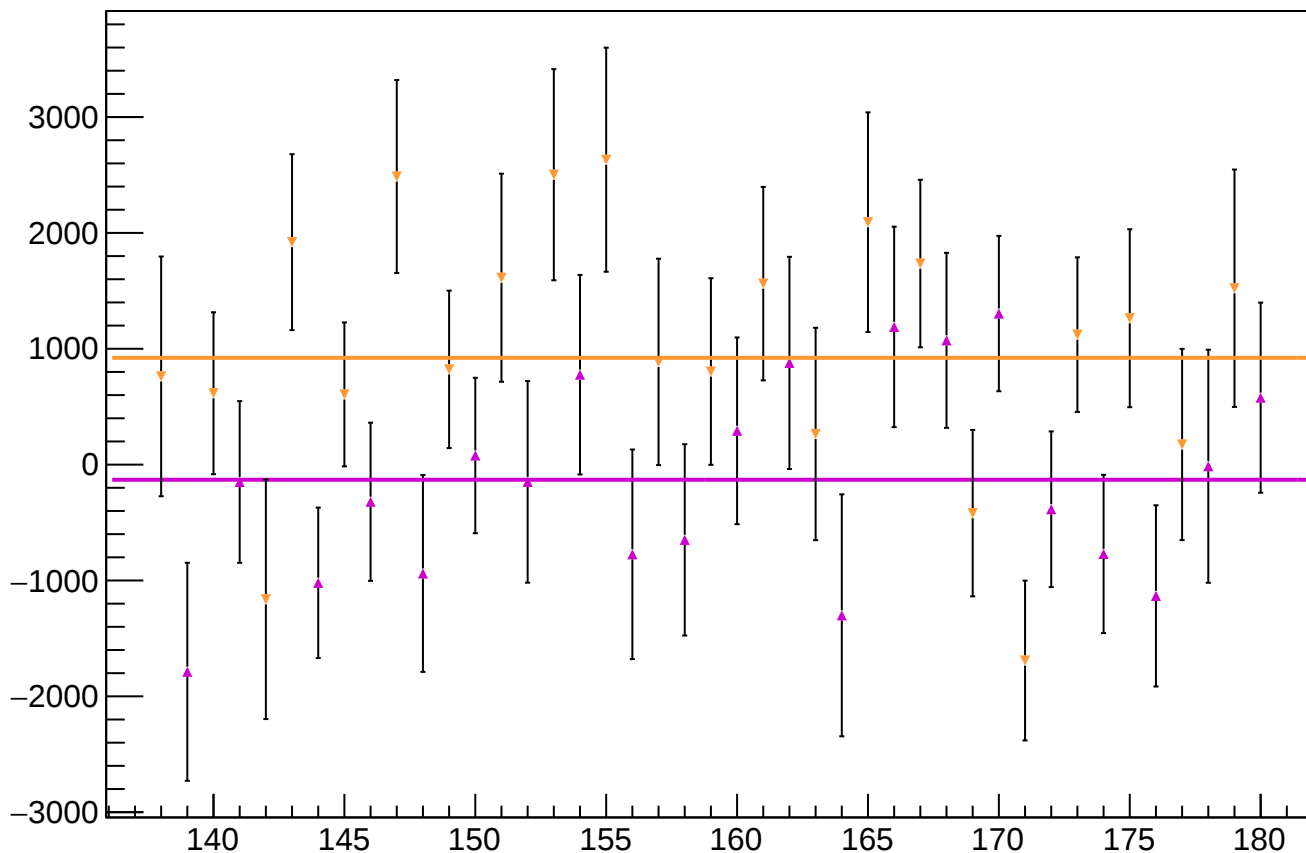
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Out: 698.240+/-0.122 χ^2/NDF : 661853.3/21

All: 699.038+/-0.086 χ^2/NDF : 1146283.2/42

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 921.704+/-170.940 χ^2/NDF :39.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -130.523+/-171.265 χ^2/NDF :23.7/20

Left: 396.591+/-120.988 χ^2/NDF : 82.4/42

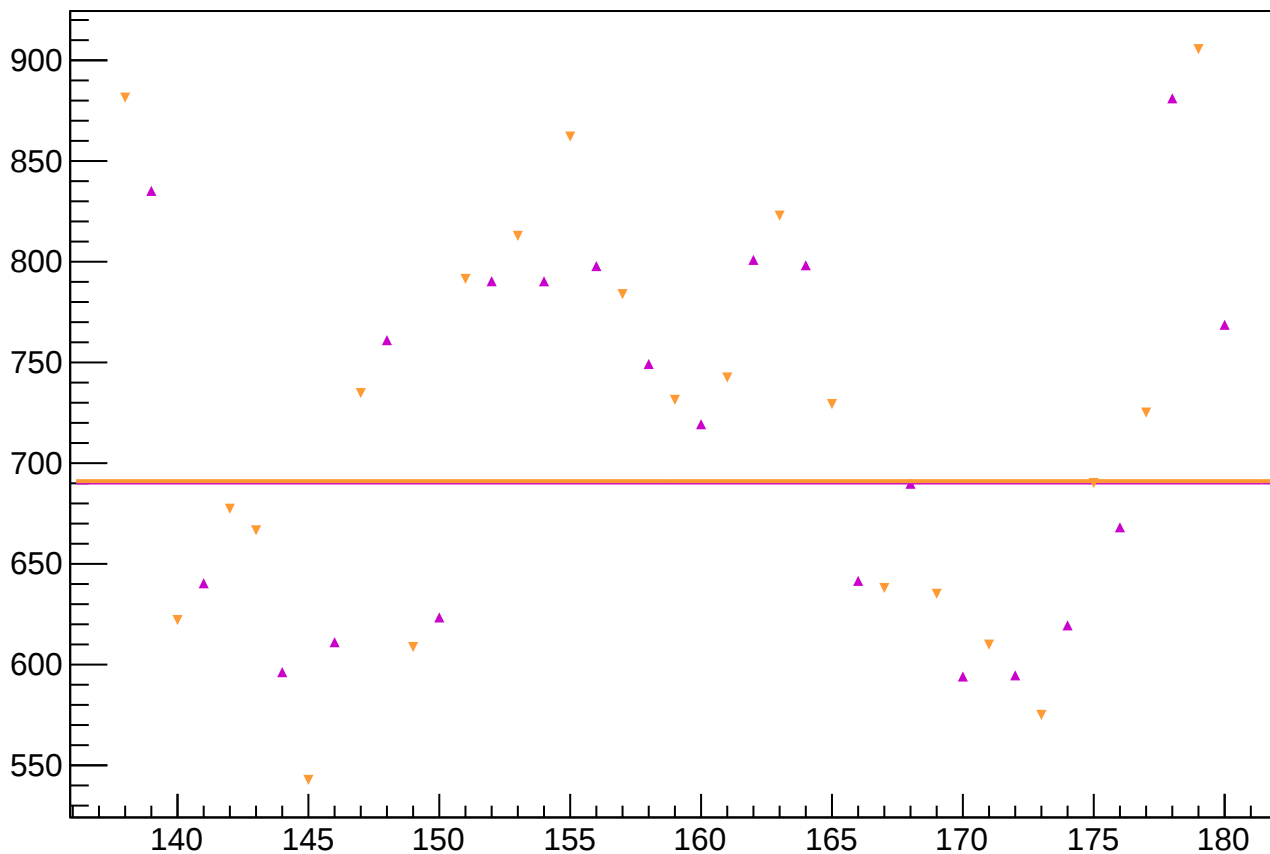
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.523+/-171.265 χ^2/NDF :23.7/20

Out: 921.704+/-170.940 χ^2/NDF :39.8/21

All: 396.591+/-120.988 χ^2/NDF : 82.4/42

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 691.074+/-0.121 χ^2/NDF :642931.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 690.406+/-0.121 χ^2/NDF :506641.0/20

Left: 690.741+/-0.086 χ^2/NDF : 1149587.9/42

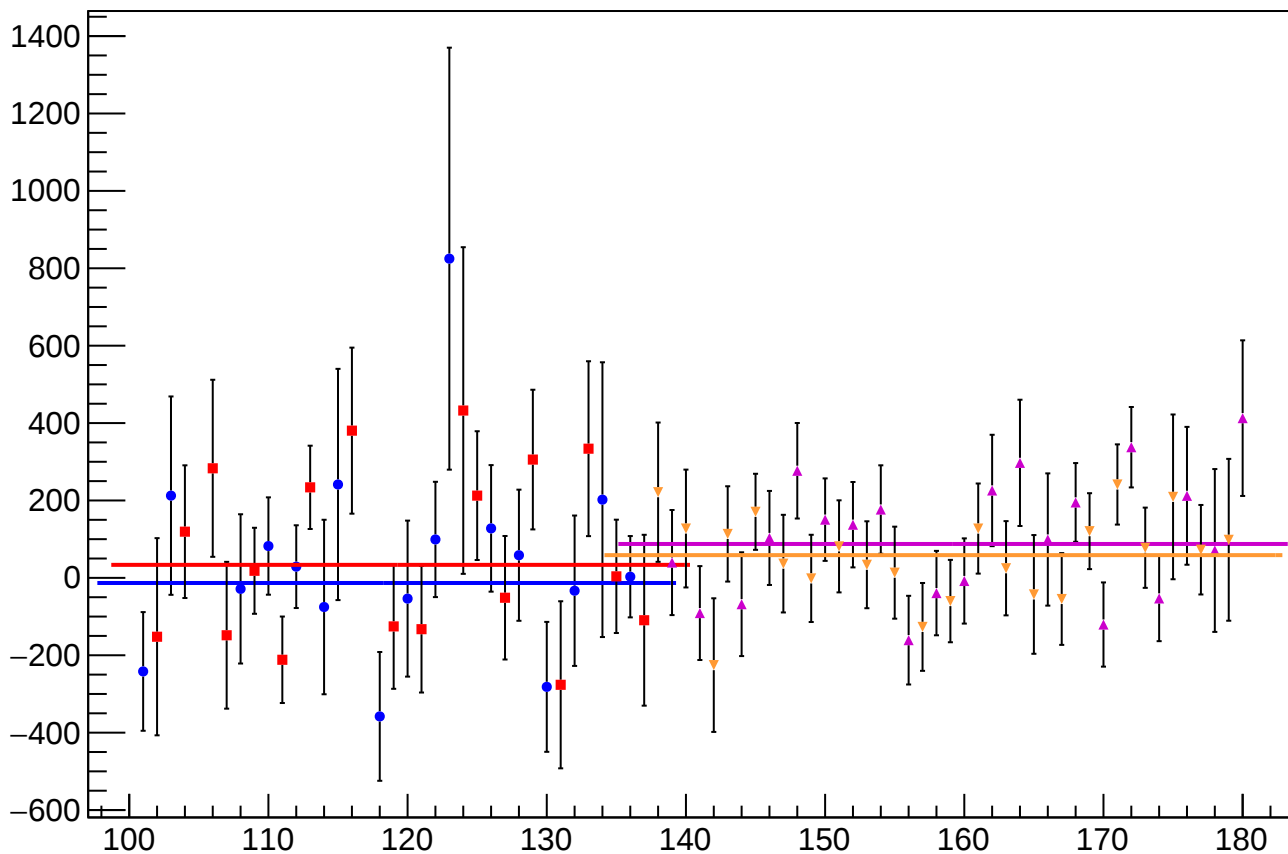
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 690.406+/-0.121 χ^2/NDF :506641.0/20

Out: 691.074+/-0.121 χ^2/NDF :642931.7/21

All: 690.741+/-0.086 χ^2/NDF : 1149587.9/42

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2/NDF : 15.7/16

Left Out: 58.745 $\pm$ 26.085 χ^2/NDF : 15.5/21

Right Out: 33.637 $\pm$ 38.891 χ^2/NDF : 24.7/17

Left In: 87.590 $\pm$ 27.164 χ^2/NDF : 31.8/20

Left: 72.583 $\pm$ 18.815 χ^2/NDF : 48.0/42

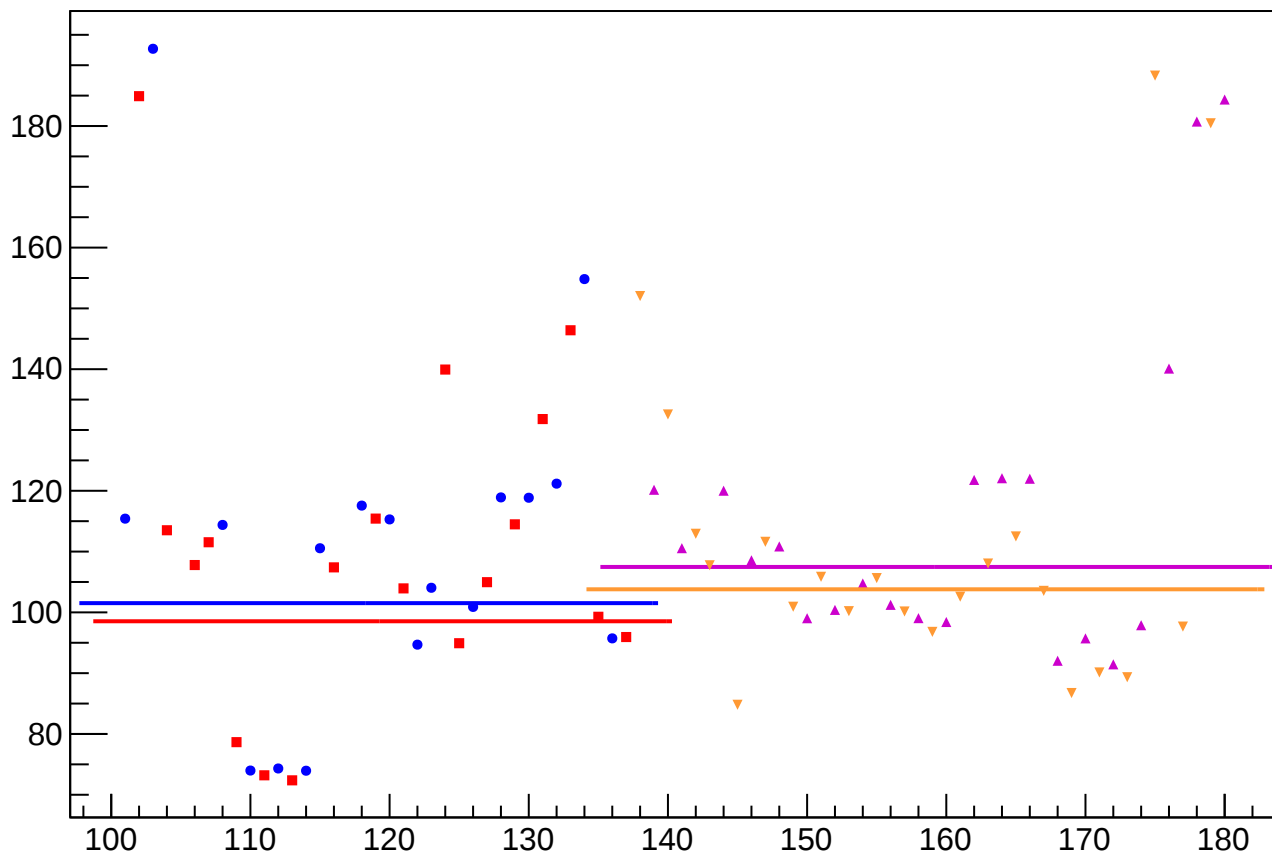
Right: 11.191 $\pm$ 28.070 χ^2/NDF : 41.1/34

In: 56.370 $\pm$ 22.569 χ^2/NDF : 51.8/37

Out: 50.954 $\pm$ 21.663 χ^2/NDF : 40.5/39

All: 53.551 $\pm$ 15.629 χ^2/NDF : 92.4/77

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: 103.796 $\pm$ 0.018 χ^2 /NDF: 1052977.4/21

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 107.473 $\pm$ 0.019 χ^2 /NDF: 875257.9/20

Left: 105.560 $\pm$ 0.013 χ^2 /NDF: 1947304.8/42

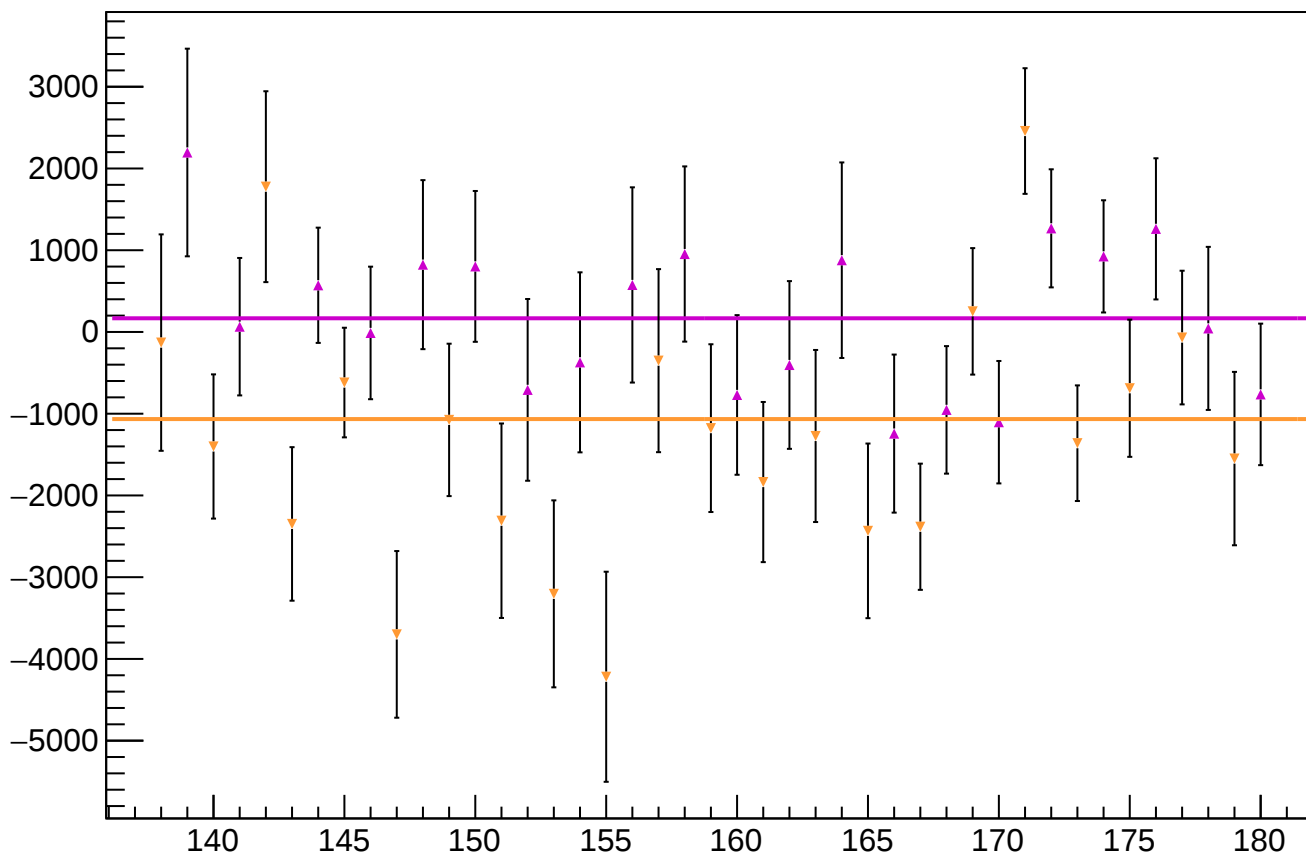
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 105.629 $\pm$ 0.016 χ^2 /NDF: 1586729.6/37

Out: 102.164 $\pm$ 0.015 χ^2 /NDF: 1825181.3/39

All: 103.826 $\pm$ 0.011 χ^2 /NDF: 3436449.6/77

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1065.653+/-197.840 χ^2/NDF :57.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 167.323+/-196.888 χ^2/NDF :20.3/20

Left: -446.191+/-139.556 χ^2/NDF : 97.6/42

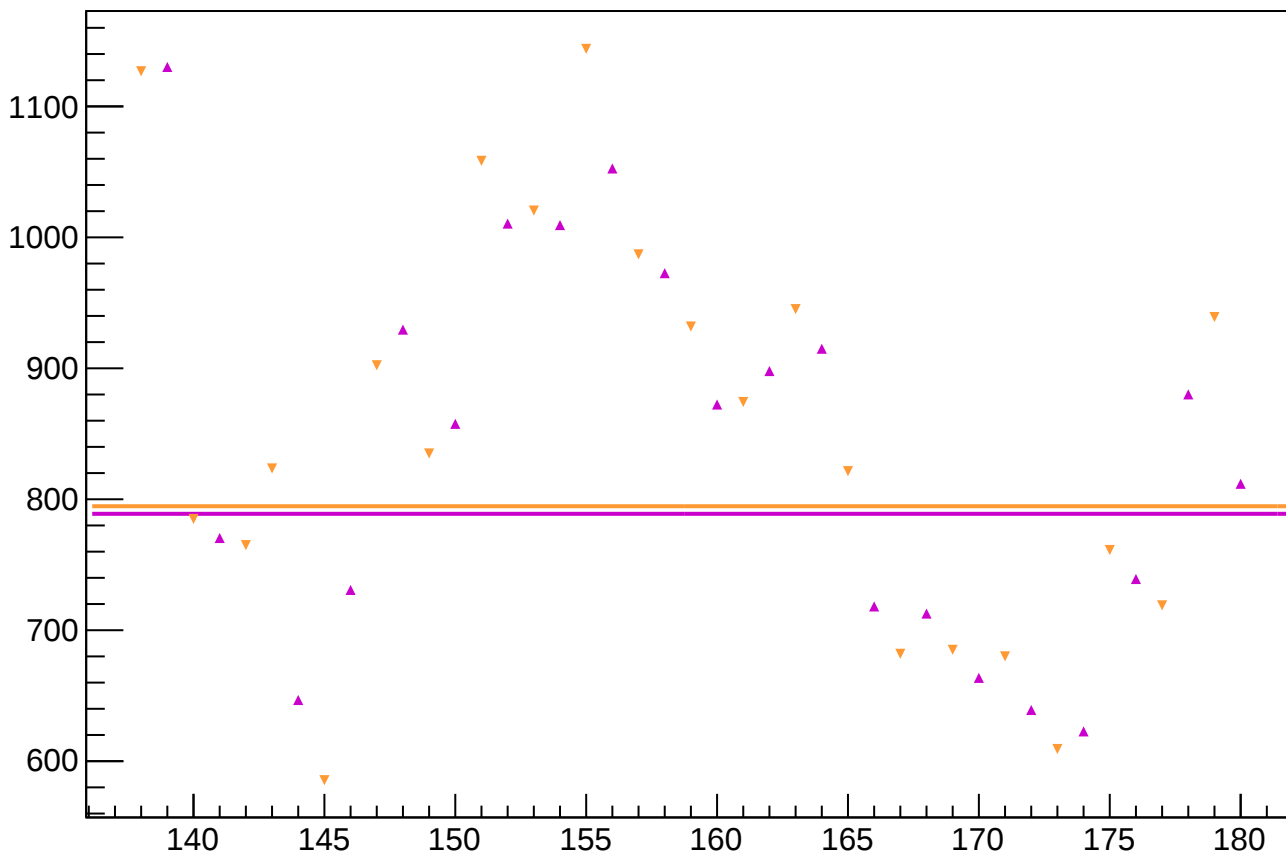
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 167.323+/-196.888 χ^2/NDF :20.3/20

Out: -1065.653+/-197.840 χ^2/NDF :57.8/21

All: -446.191+/-139.556 χ^2/NDF : 97.6/42

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.683+/-0.140 χ^2/NDF :1146214.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Left: 791.773+/-0.099 χ^2/NDF : 2121206.3/42

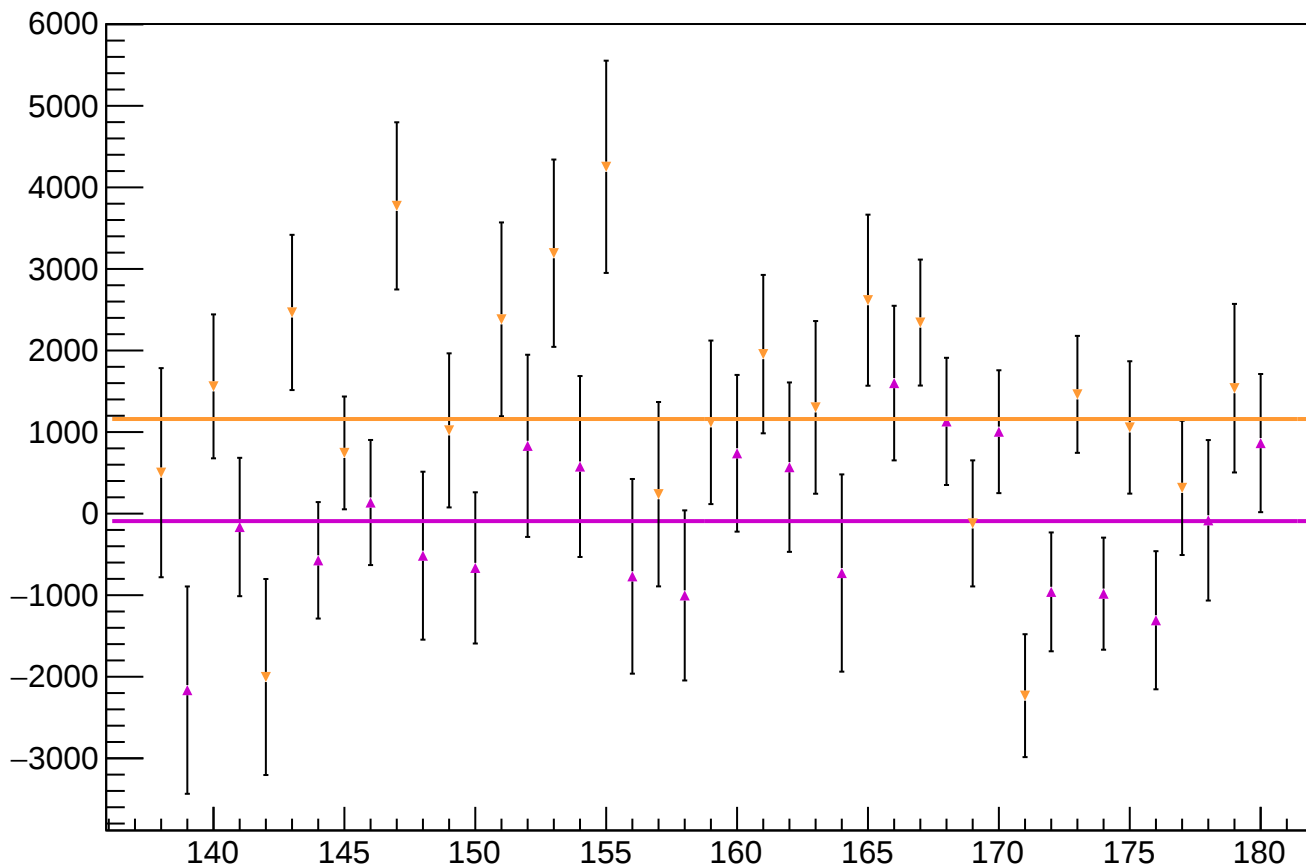
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Out: 794.683+/-0.140 χ^2/NDF :1146214.8/21

All: 791.773+/-0.099 χ^2/NDF : 2121206.3/42

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1159.993+/-197.885 χ^2/NDF :56.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -91.765+/-195.923 χ^2/NDF :21.5/20

Left: 527.878+/-139.227 χ^2/NDF : 97.7/42

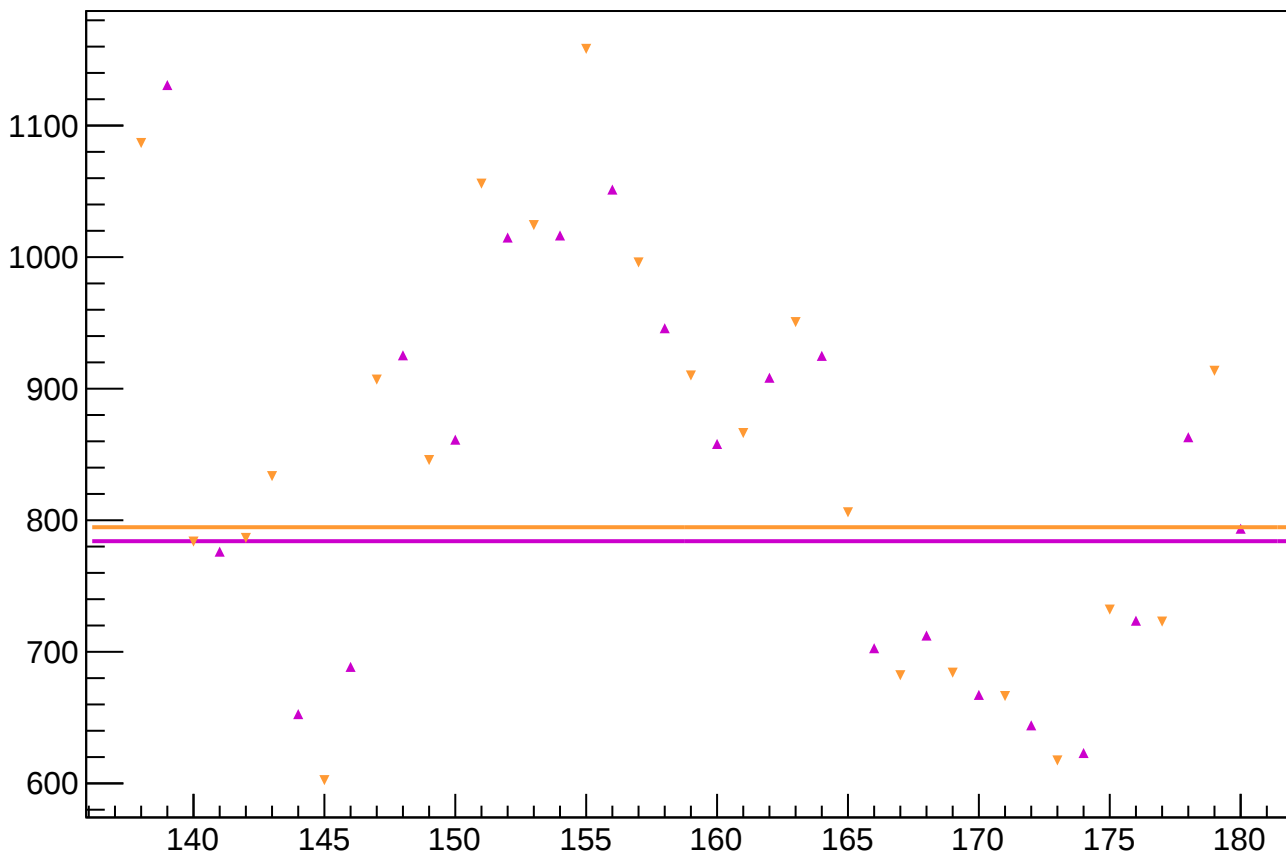
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.765+/-195.923 χ^2/NDF :21.5/20

Out: 1159.993+/-197.885 χ^2/NDF :56.0/21

All: 527.878+/-139.227 χ^2/NDF : 97.7/42

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.714+/-0.140 χ^2/NDF :1086089.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Left: 789.351+/-0.098 χ^2/NDF : 2064244.5/42

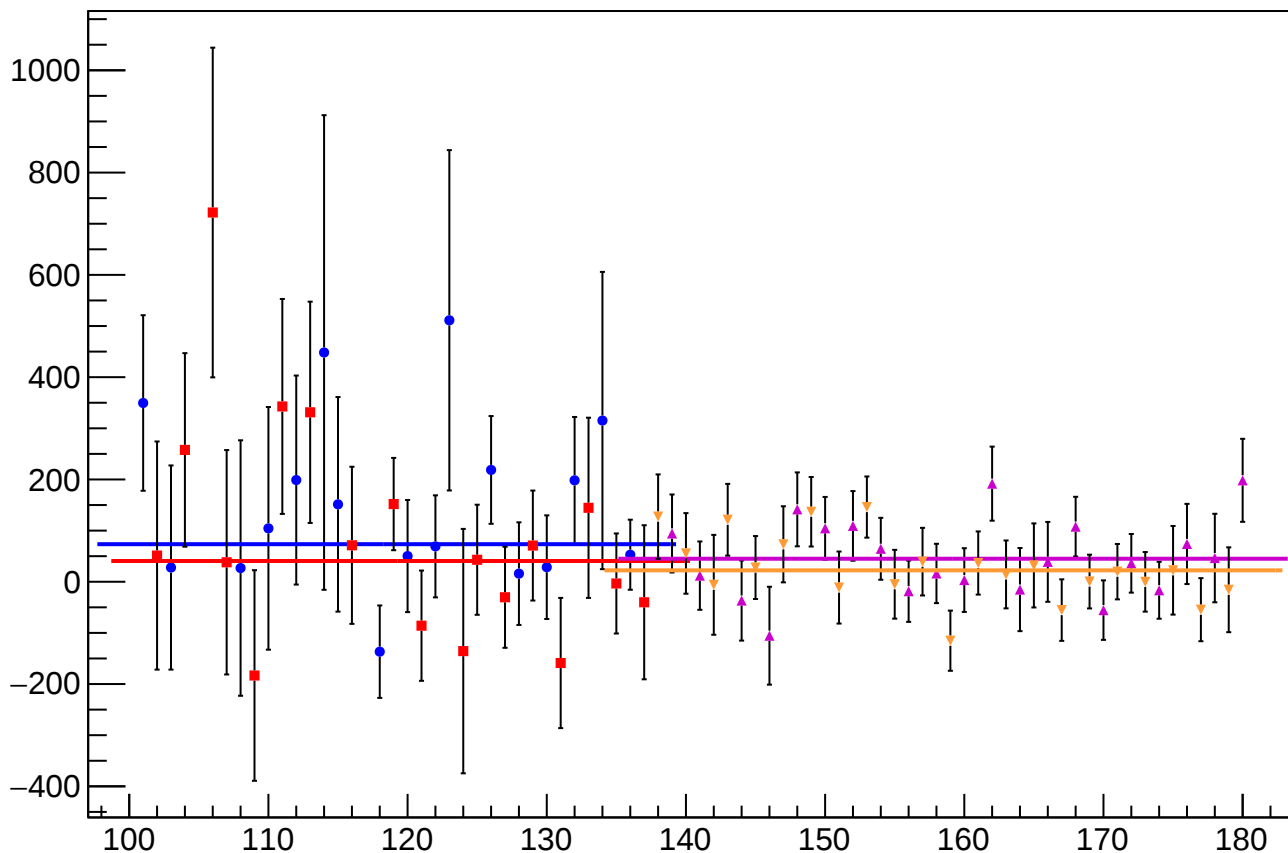
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Out: 794.714+/-0.140 χ^2/NDF :1086089.7/21

All: 789.351+/-0.098 χ^2/NDF : 2064244.5/42

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 ± 31.060 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 22.314 ± 14.212 $\chi^2/\text{NDF}: 21.2/21$

Right Out: 40.594 ± 32.745 $\chi^2/\text{NDF}: 18.2/17$

Left In: 44.999 ± 14.714 $\chi^2/\text{NDF}: 23.5/20$

Left: 33.263 ± 10.222 $\chi^2/\text{NDF}: 46.0/42$

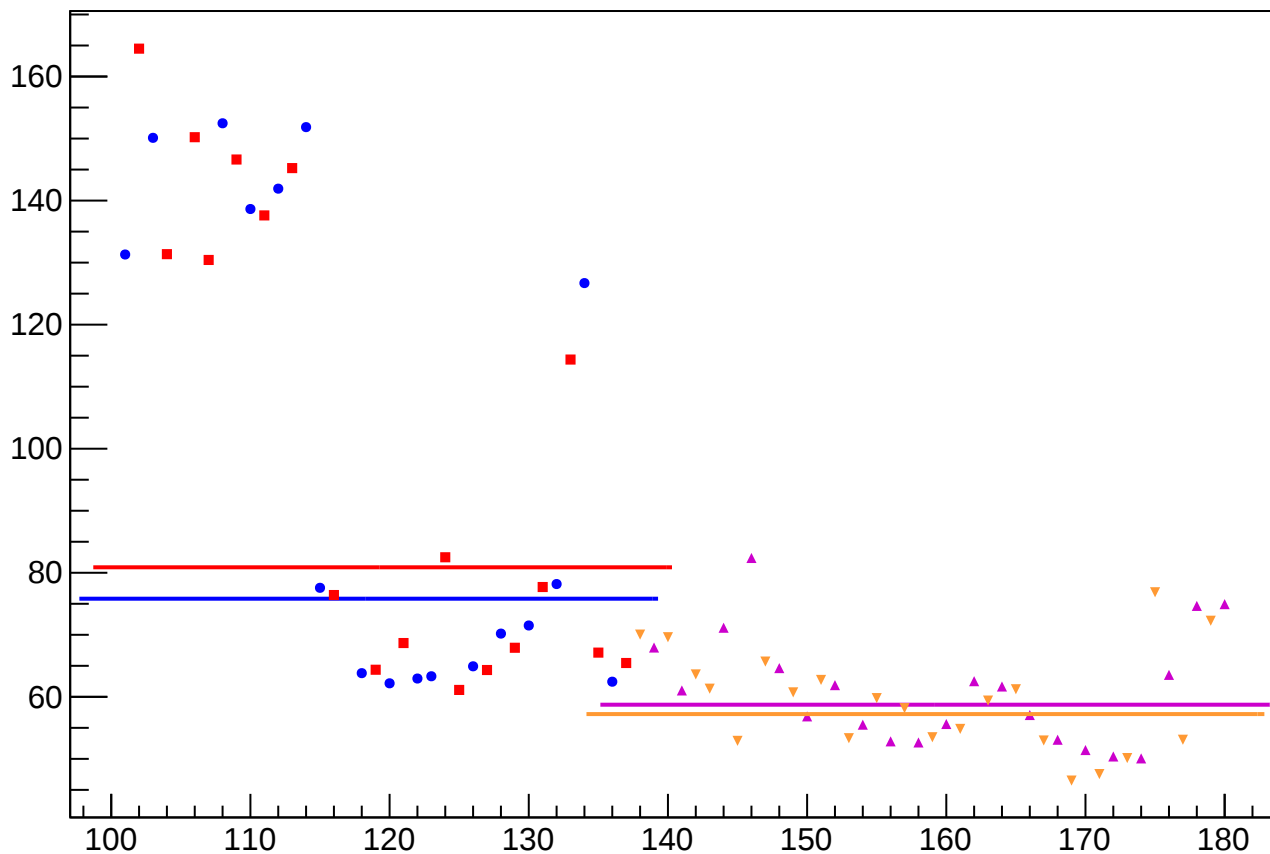
Right: 57.887 ± 22.535 $\chi^2/\text{NDF}: 34.0/34$

In: 50.213 ± 13.298 $\chi^2/\text{NDF}: 39.5/37$

Out: 25.212 ± 13.037 $\chi^2/\text{NDF}: 39.7/39$

All: 37.466 ± 9.309 $\chi^2/\text{NDF}: 81.0/77$

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: 57.219 $\pm$ 0.010 χ^2 /NDF: 560282.7/21

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 58.731 $\pm$ 0.010 χ^2 /NDF: 580801.3/20

Left: 57.948 $\pm$ 0.007 χ^2 /NDF: 1152013.6/42

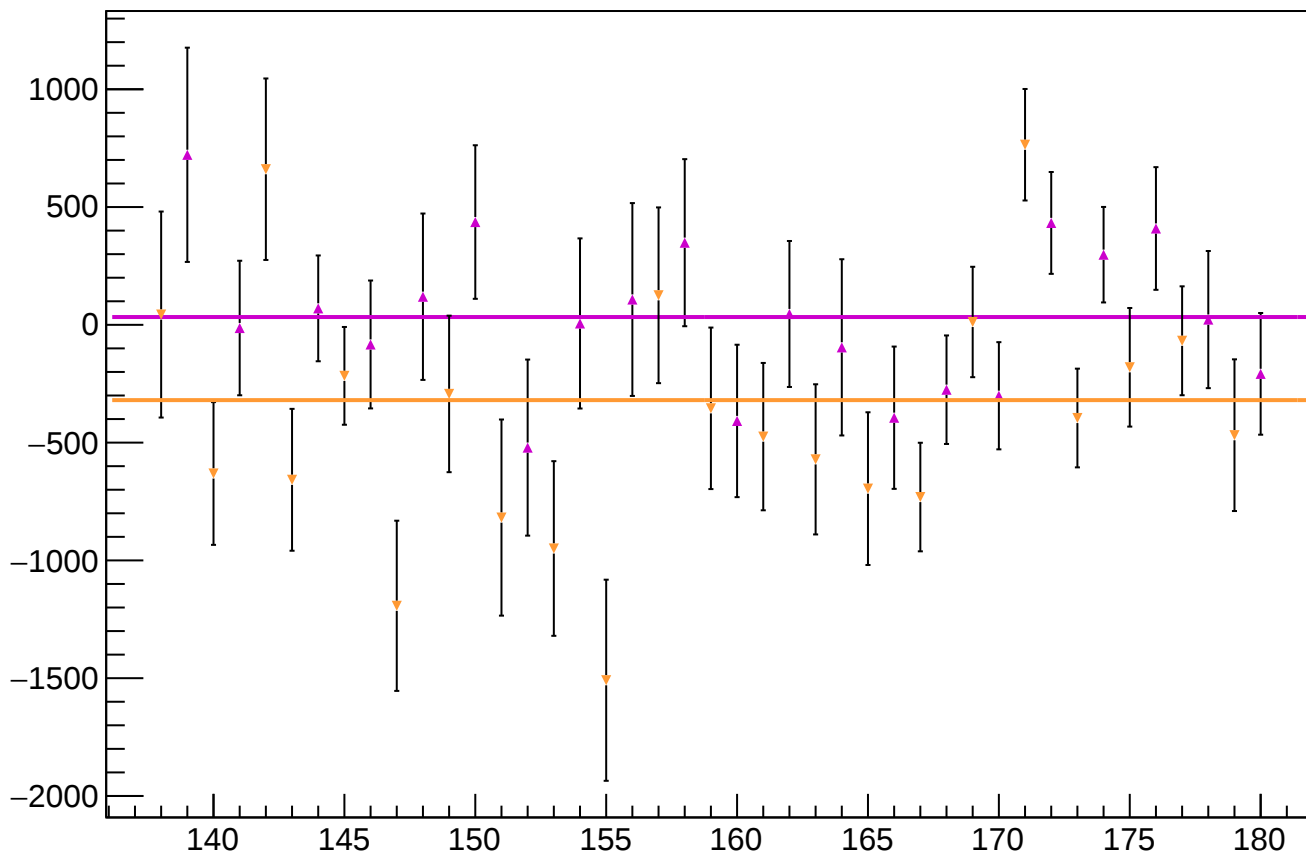
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 61.863 $\pm$ 0.009 χ^2 /NDF: 2425204.2/37

Out: 60.970 $\pm$ 0.009 χ^2 /NDF: 2965186.7/39

All: 61.407 $\pm$ 0.007 χ^2 /NDF: 5394993.1/77

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -319.610+/-62.083 χ^2/NDF :59.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 33.124+/-61.995 χ^2/NDF :23.2/20

Left: -142.991+/-43.868 χ^2/NDF : 98.6/42

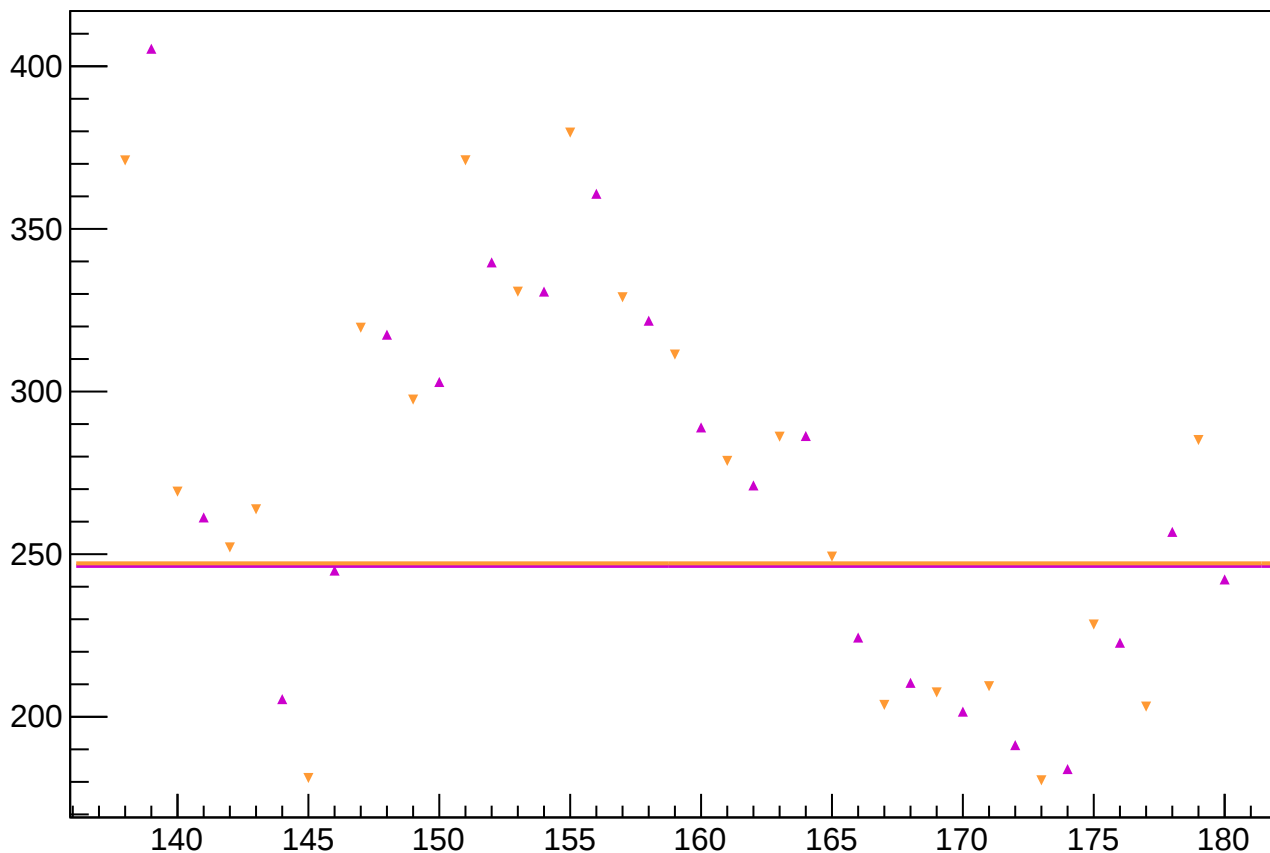
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 33.124+/-61.995 χ^2/NDF :23.2/20

Out: -319.610+/-62.083 χ^2/NDF :59.3/21

All: -142.991+/-43.868 χ^2/NDF : 98.6/42

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 247.184+/-0.044 χ^2/NDF :1687451.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Left: 246.792+/-0.031 χ^2/NDF : 3172051.0/42

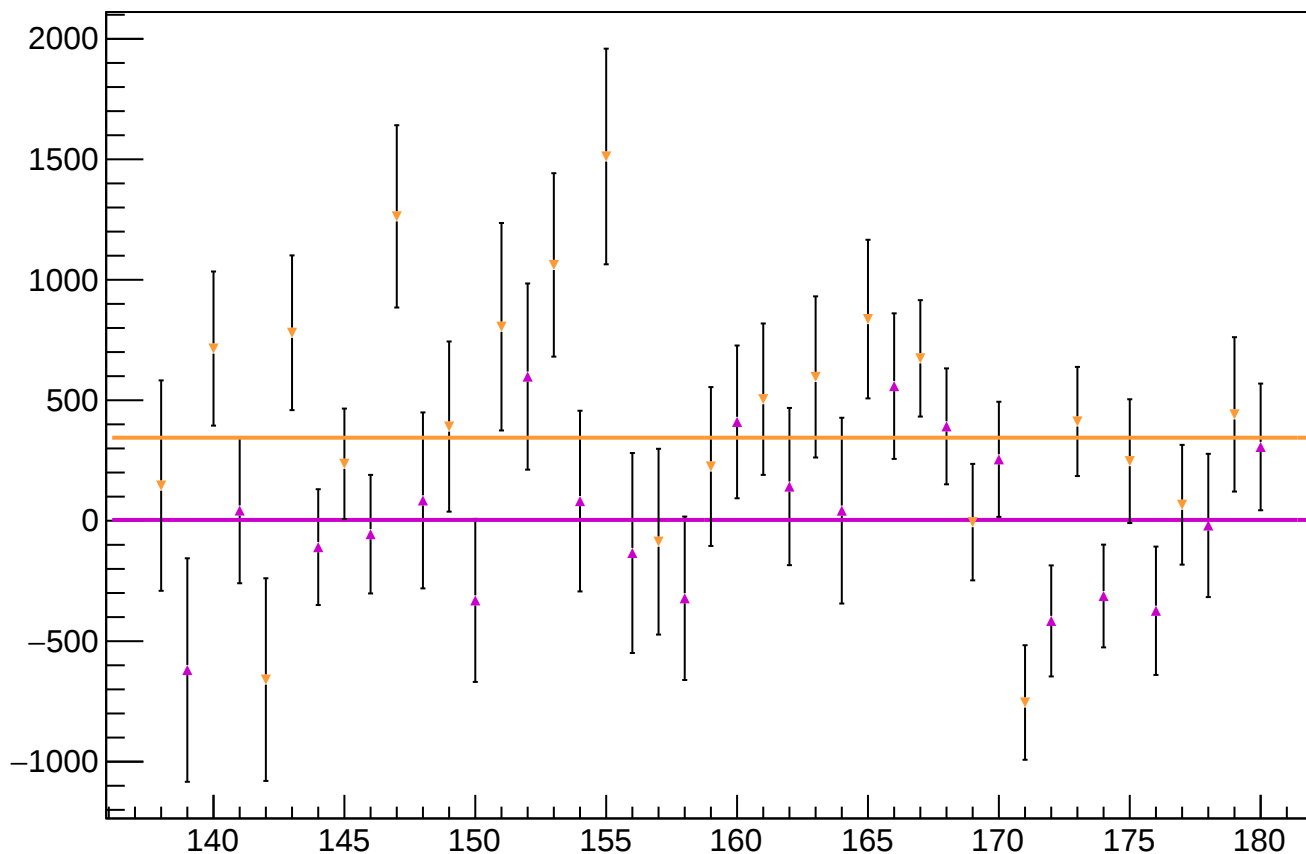
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Out: 247.184+/-0.044 χ^2/NDF :1687451.7/21

All: 246.792+/-0.031 χ^2/NDF : 3172051.0/42

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 344.596+/-64.760 χ^2/NDF :58.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.312+/-63.690 χ^2/NDF :24.3/20

Left: 171.113+/-45.409 χ^2/NDF : 96.5/42

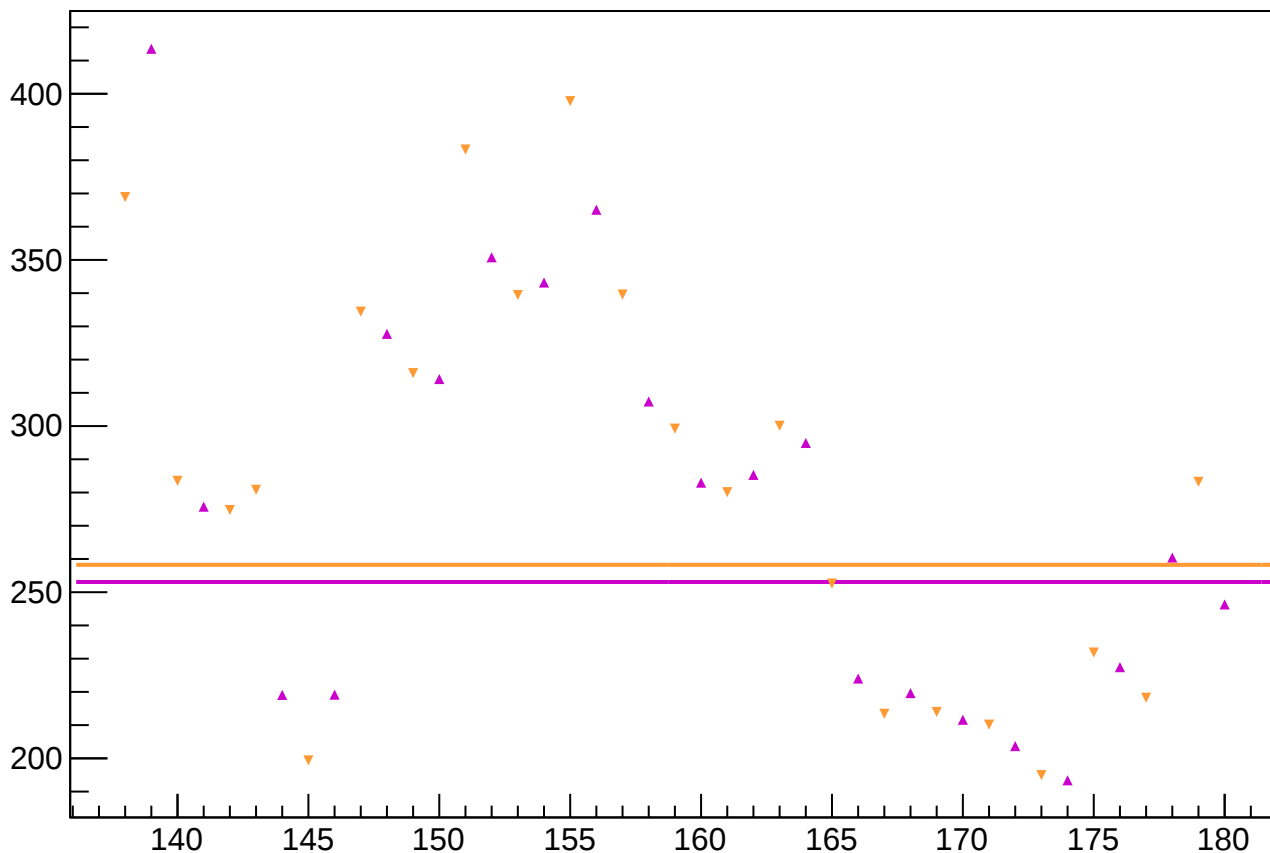
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.312+/-63.690 χ^2/NDF :24.3/20

Out: 344.596+/-64.760 χ^2/NDF :58.1/21

All: 171.113+/-45.409 χ^2/NDF : 96.5/42

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 258.233+/-0.046 χ^2/NDF :1495029.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Left: 255.612+/-0.032 χ^2/NDF : 2867276.2/42

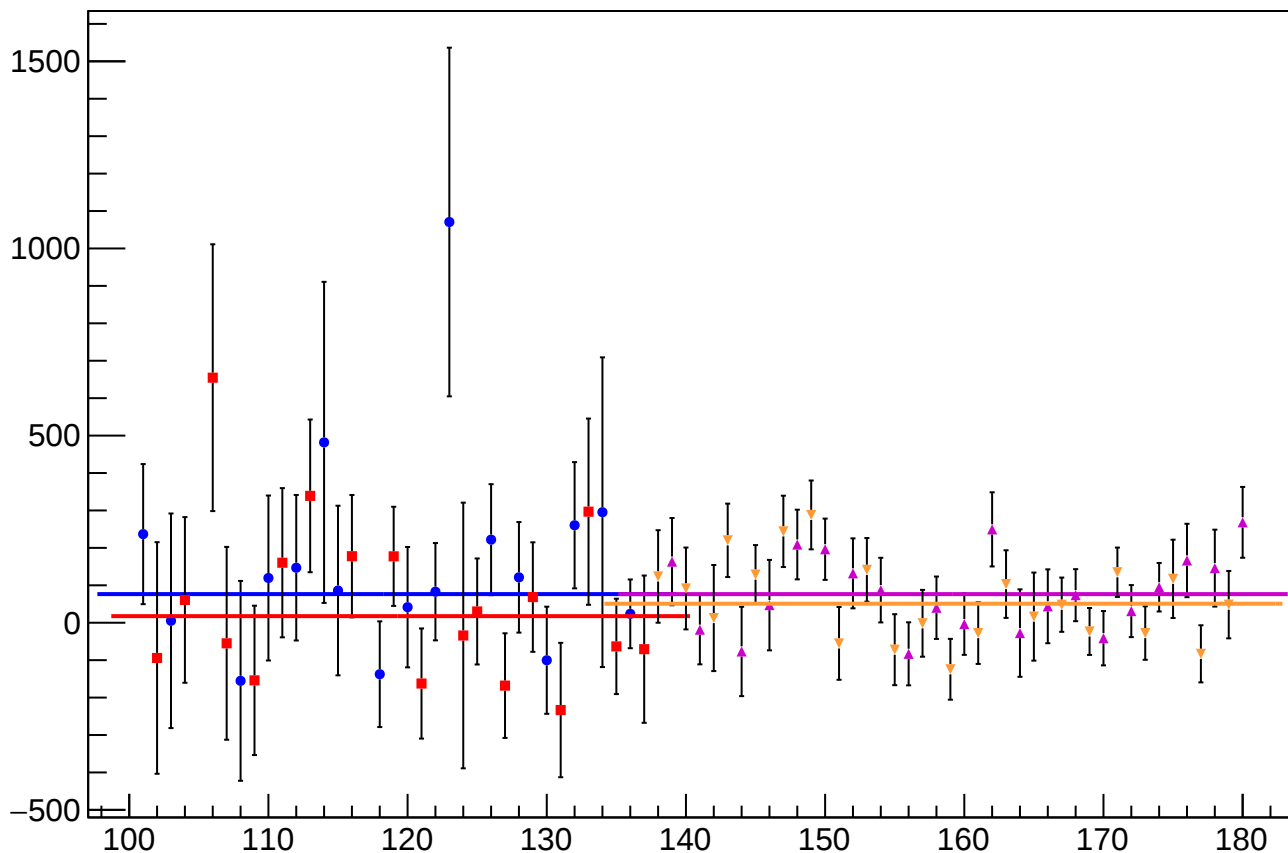
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Out: 258.233+/-0.046 χ^2/NDF :1495029.4/21

All: 255.612+/-0.032 χ^2/NDF : 2867276.2/42

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: 50.835 $\pm$ 18.490 χ^2 /NDF:33.3/21

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 76.461 $\pm$ 19.227 χ^2 /NDF:25.1/20

Left: 63.147 $\pm$ 13.327 χ^2 /NDF: 59.3/42

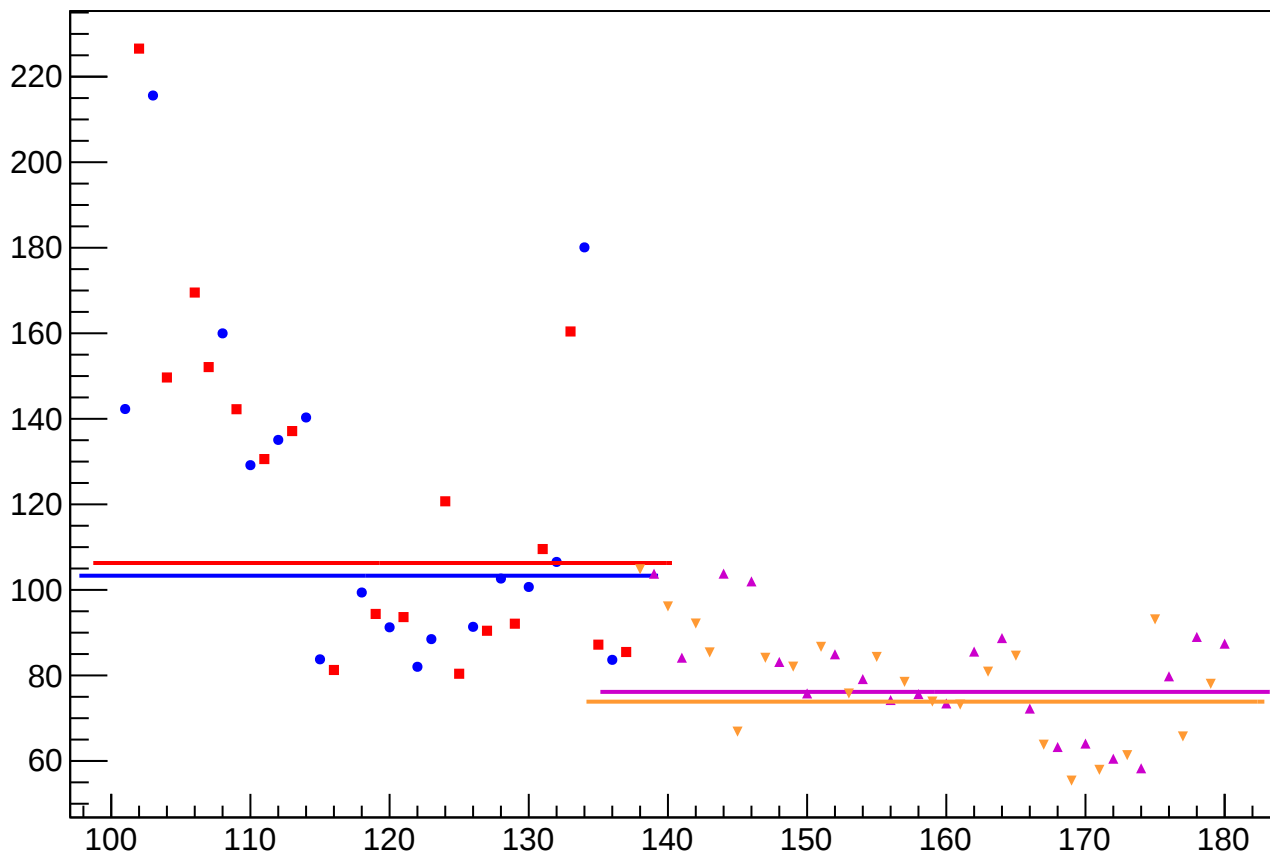
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 76.468 $\pm$ 17.450 χ^2 /NDF:39.0/37

Out: 45.504 $\pm$ 16.942 χ^2 /NDF:50.7/39

All: 60.529 $\pm$ 12.155 χ^2 /NDF: 91.3/77

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 73.868+/-0.013 χ^2/NDF : 903662.9/21

Right Out: 106.289+/-0.030 χ^2/NDF : 1000708.3/17

Left In: 76.152+/-0.014 χ^2/NDF : 844611.6/20

Left: 74.965+/-0.009 χ^2/NDF : 1762932.7/42

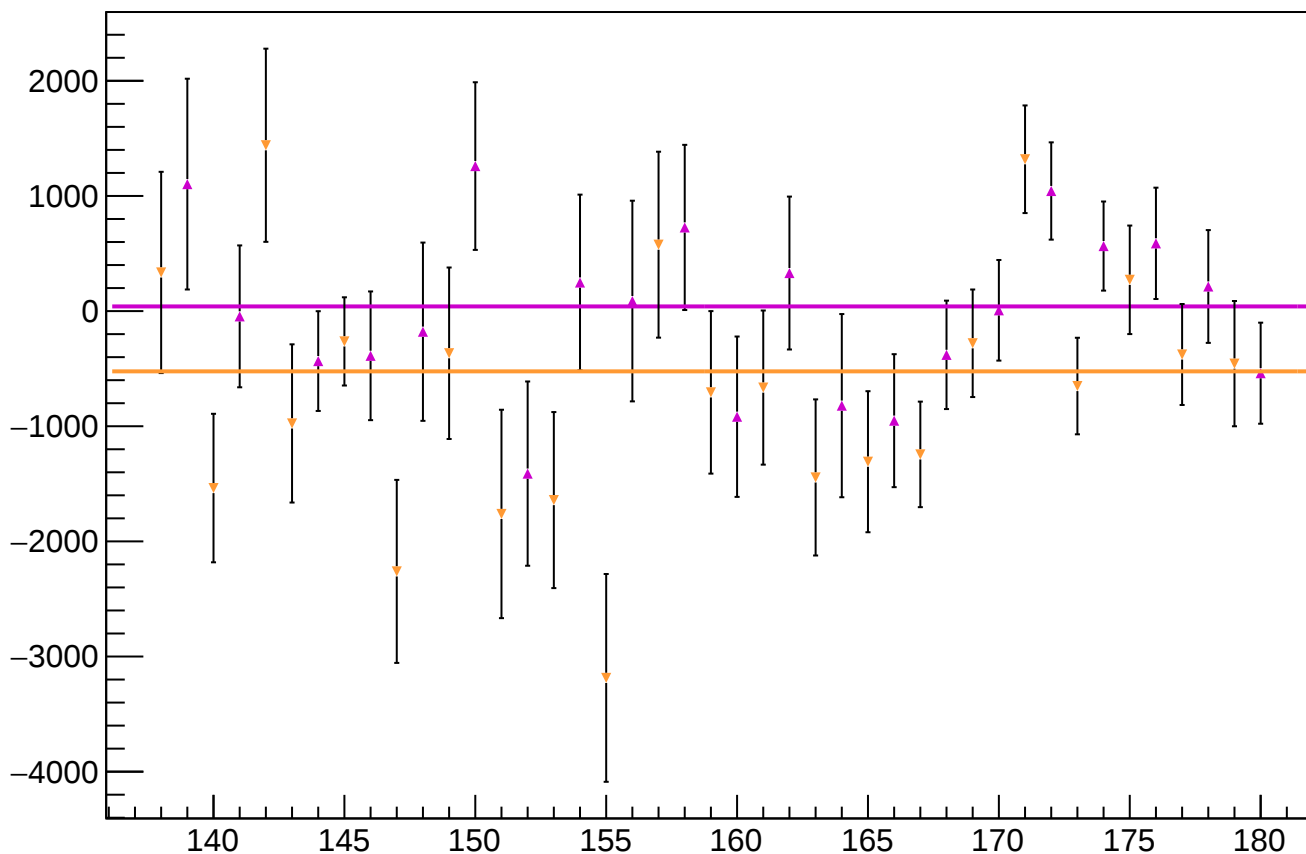
Right: 104.777+/-0.021 χ^2/NDF : 1843531.0/34

In: 80.941+/-0.012 χ^2/NDF : 2386365.8/37

Out: 79.069+/-0.012 χ^2/NDF : 2890890.9/39

All: 79.978+/-0.009 χ^2/NDF : 5289105.6/77

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -523.344+/-124.108 χ^2/NDF :54.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.598+/-122.141 χ^2/NDF :28.0/20

Left: -236.868+/-87.054 χ^2/NDF : 92.6/42

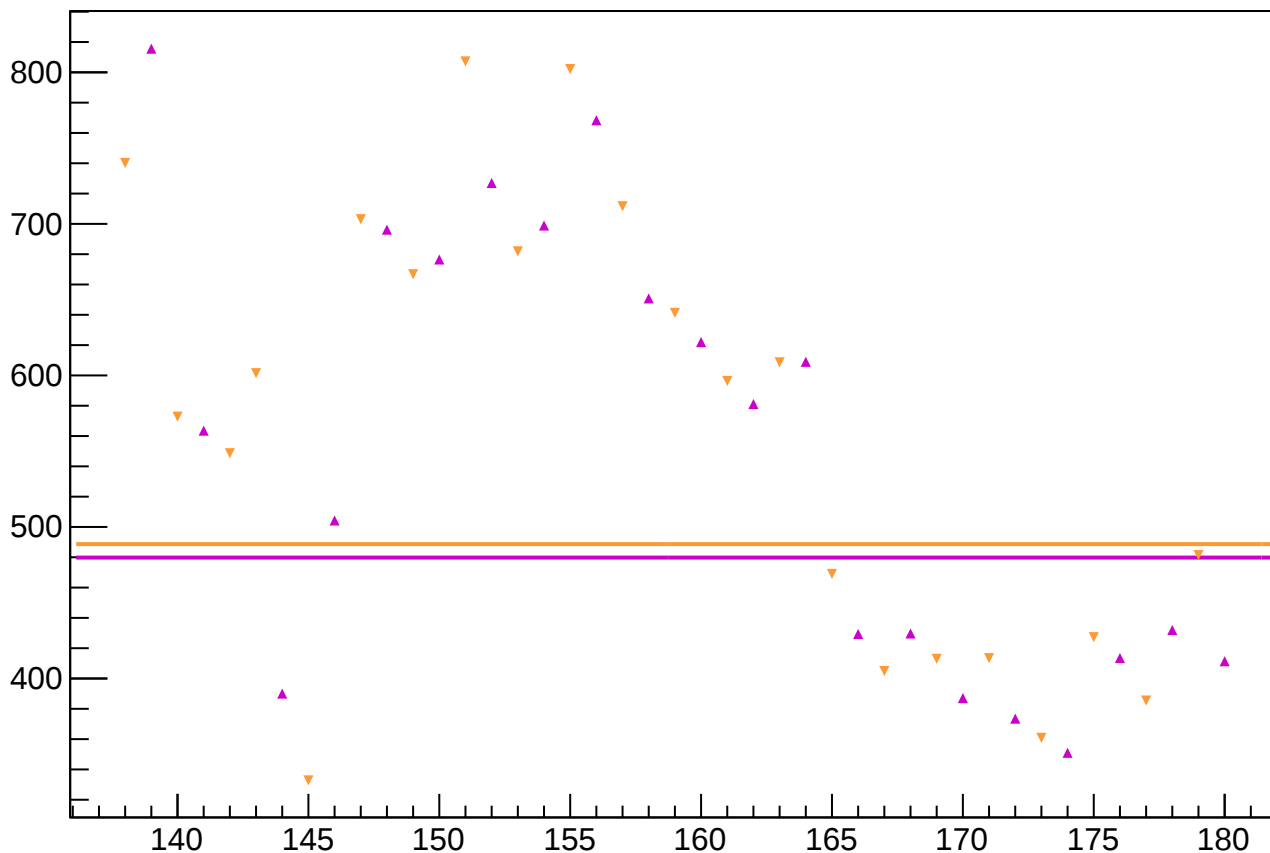
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.598+/-122.141 χ^2/NDF :28.0/20

Out: -523.344+/-124.108 χ^2/NDF :54.2/21

All: -236.868+/-87.054 χ^2/NDF : 92.6/42

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 488.694+/-0.088 χ^2/NDF :2336340.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Left: 484.176+/-0.062 χ^2/NDF : 4492658.5/42

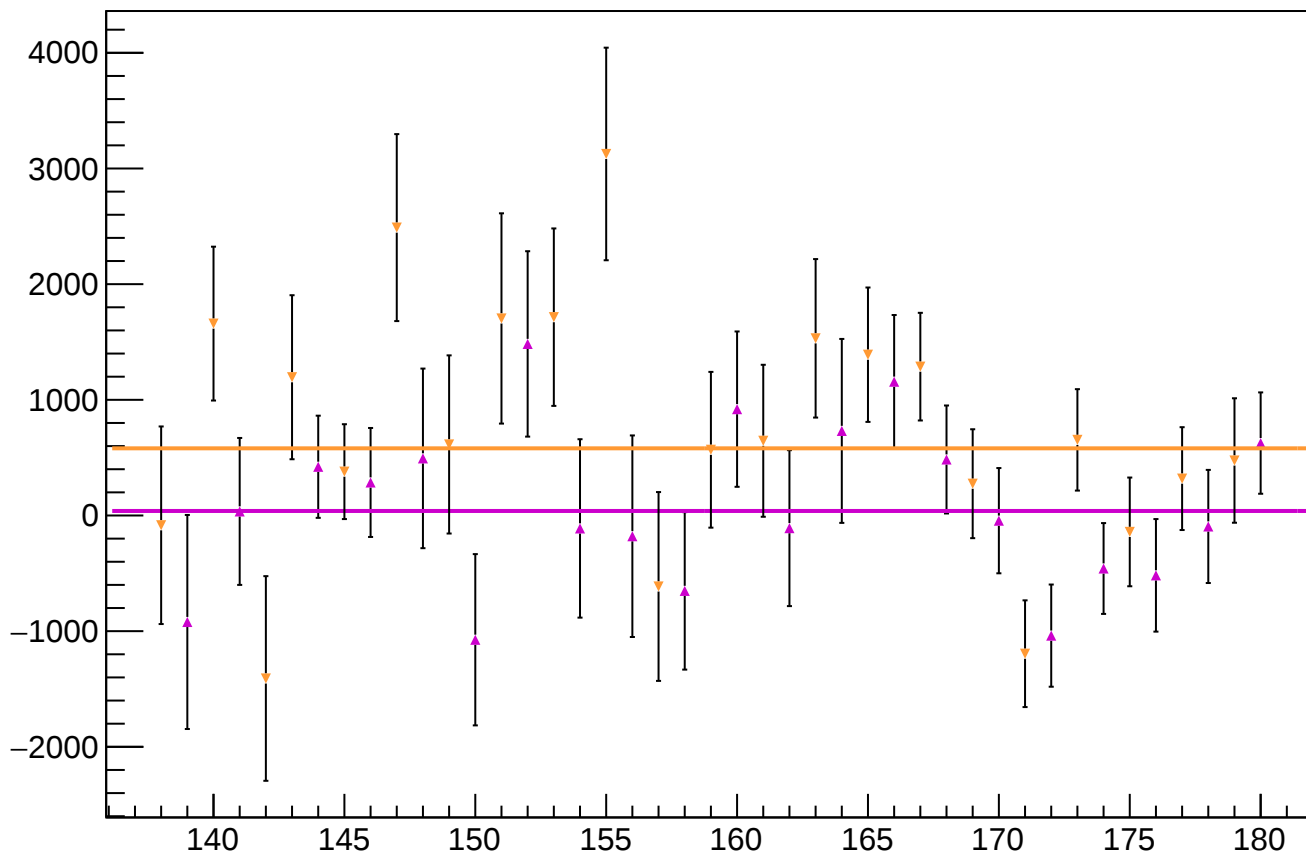
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Out: 488.694+/-0.088 χ^2/NDF :2336340.4/21

All: 484.176+/-0.062 χ^2/NDF : 4492658.5/42

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 580.656+/-125.641 χ^2/NDF :52.6/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.092+/-122.050 χ^2/NDF :27.0/20

Left: 302.023+/-87.545 χ^2/NDF : 89.2/42

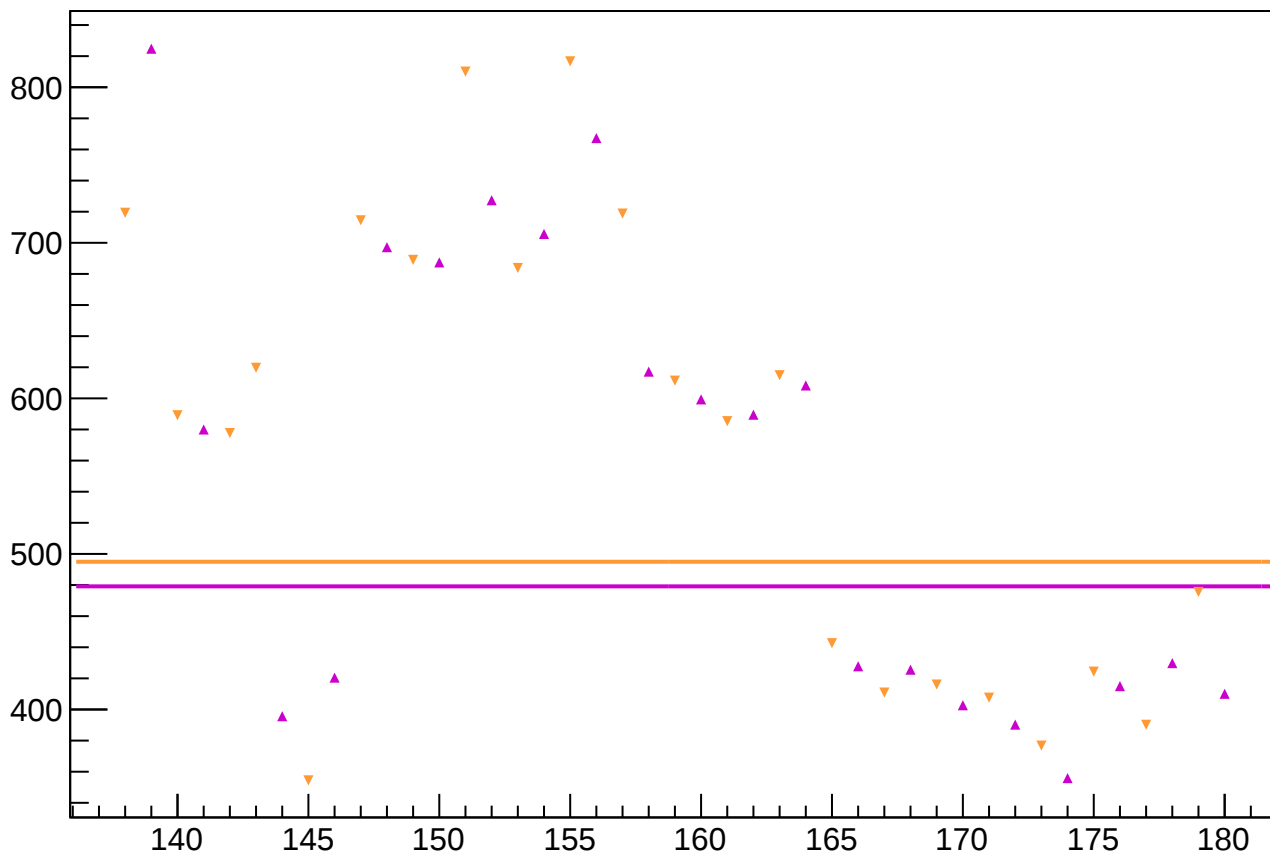
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.092+/-122.050 χ^2/NDF :27.0/20

Out: 580.656+/-125.641 χ^2/NDF :52.6/21

All: 302.023+/-87.545 χ^2/NDF : 89.2/42

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 494.973+/-0.089 χ^2/NDF : 2196660.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 479.152+/-0.086 χ^2/NDF : 2065382.8/20

Left: 486.833+/-0.062 χ^2/NDF : 4278359.6/42

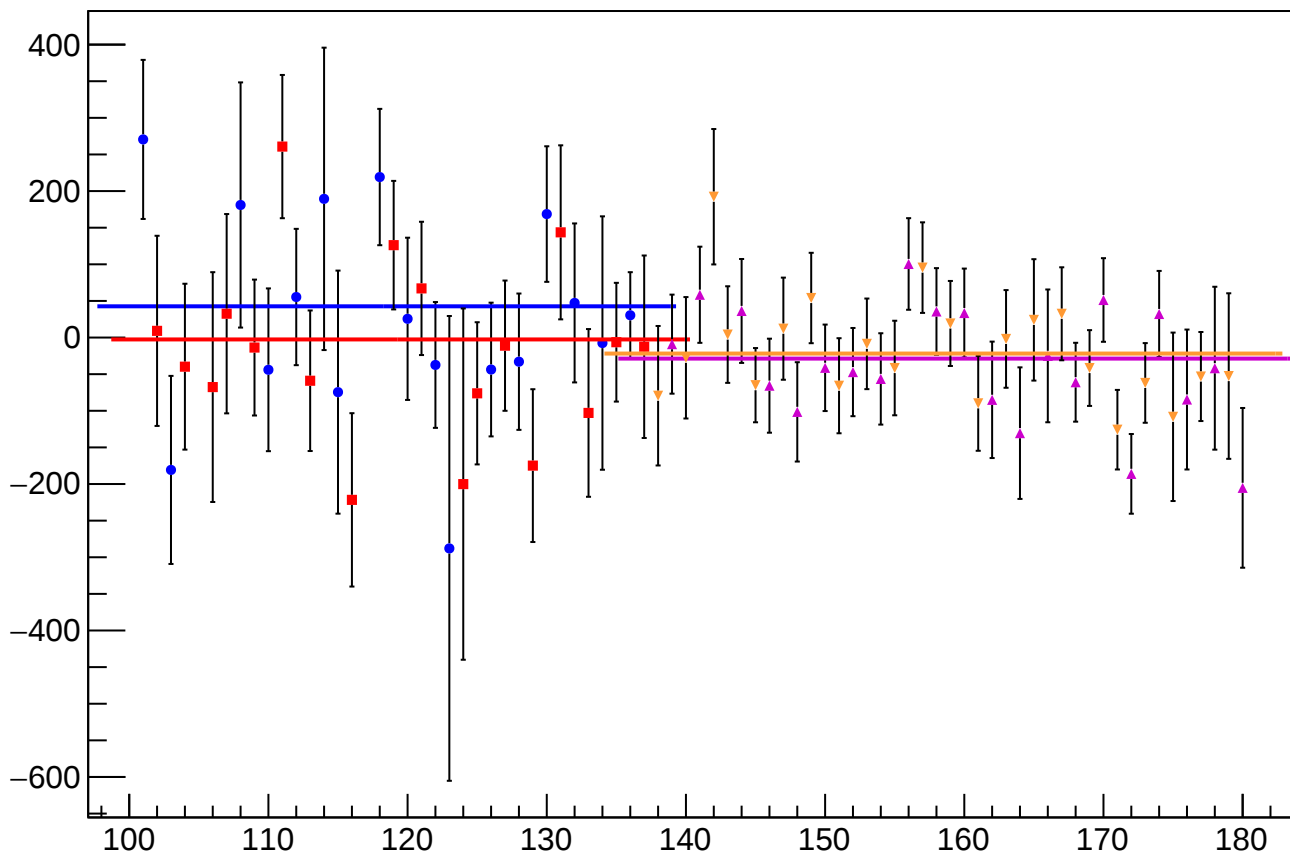
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.152+/-0.086 χ^2/NDF : 2065382.8/20

Out: 494.973+/-0.089 χ^2/NDF : 2196660.9/21

All: 486.833+/-0.062 χ^2/NDF : 4278359.6/42

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -21.860 ± 14.018 χ^2/NDF : 20.5/21

Right Out: -2.576 ± 25.088 χ^2/NDF : 20.4/17

Left In: -28.749 ± 14.588 χ^2/NDF : 27.5/20

Left: -25.168 ± 10.108 χ^2/NDF : 48.2/42

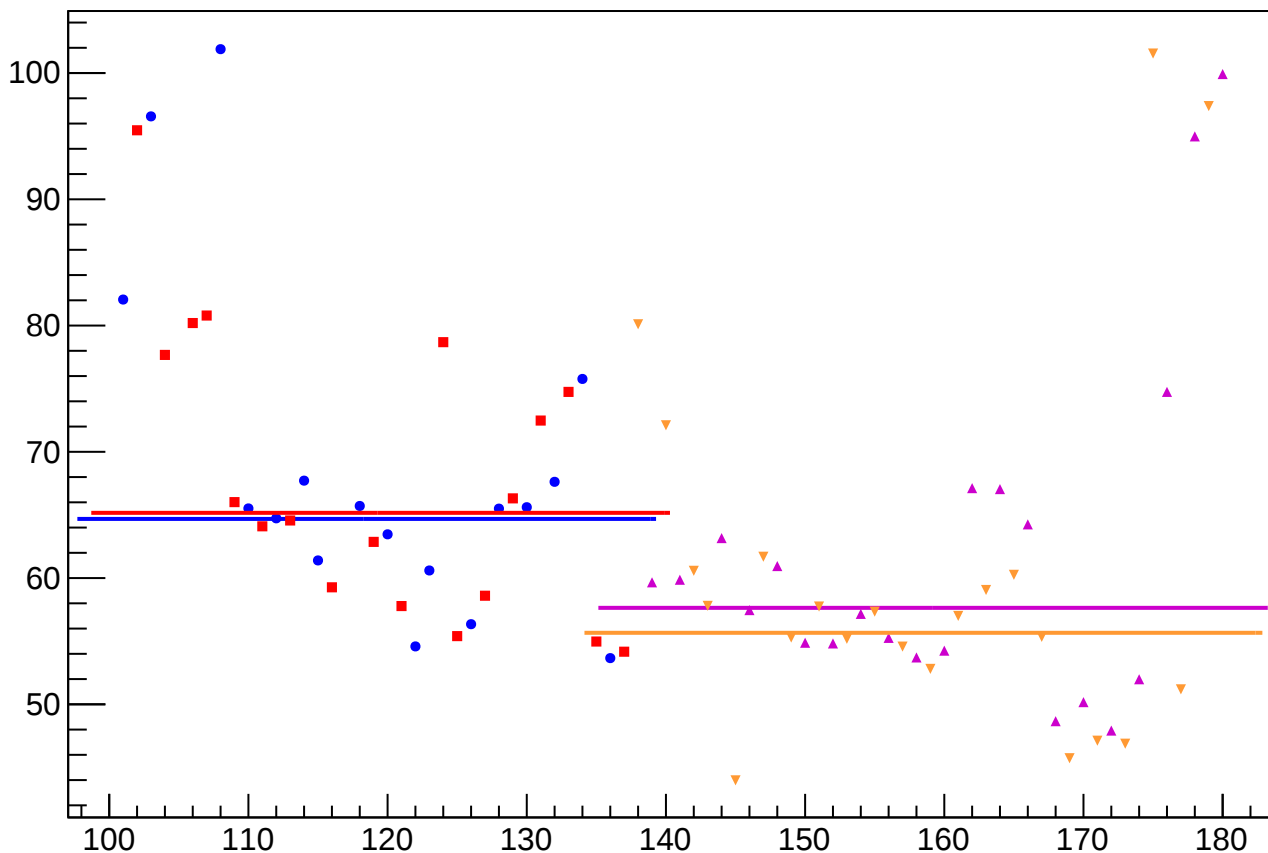
Right: 19.683 ± 17.879 χ^2/NDF : 40.9/34

In: -11.128 ± 12.661 χ^2/NDF : 52.3/37

Out: -17.272 ± 12.238 χ^2/NDF : 41.4/39

All: -14.304 ± 8.799 χ^2/NDF : 93.8/77

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: 55.665 $\pm$ 0.010 χ^2 /NDF:1137577.6/21

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.642 $\pm$ 0.010 χ^2 /NDF:871133.5/20

Left: 56.615 $\pm$ 0.007 χ^2 /NDF: 2027806.2/42

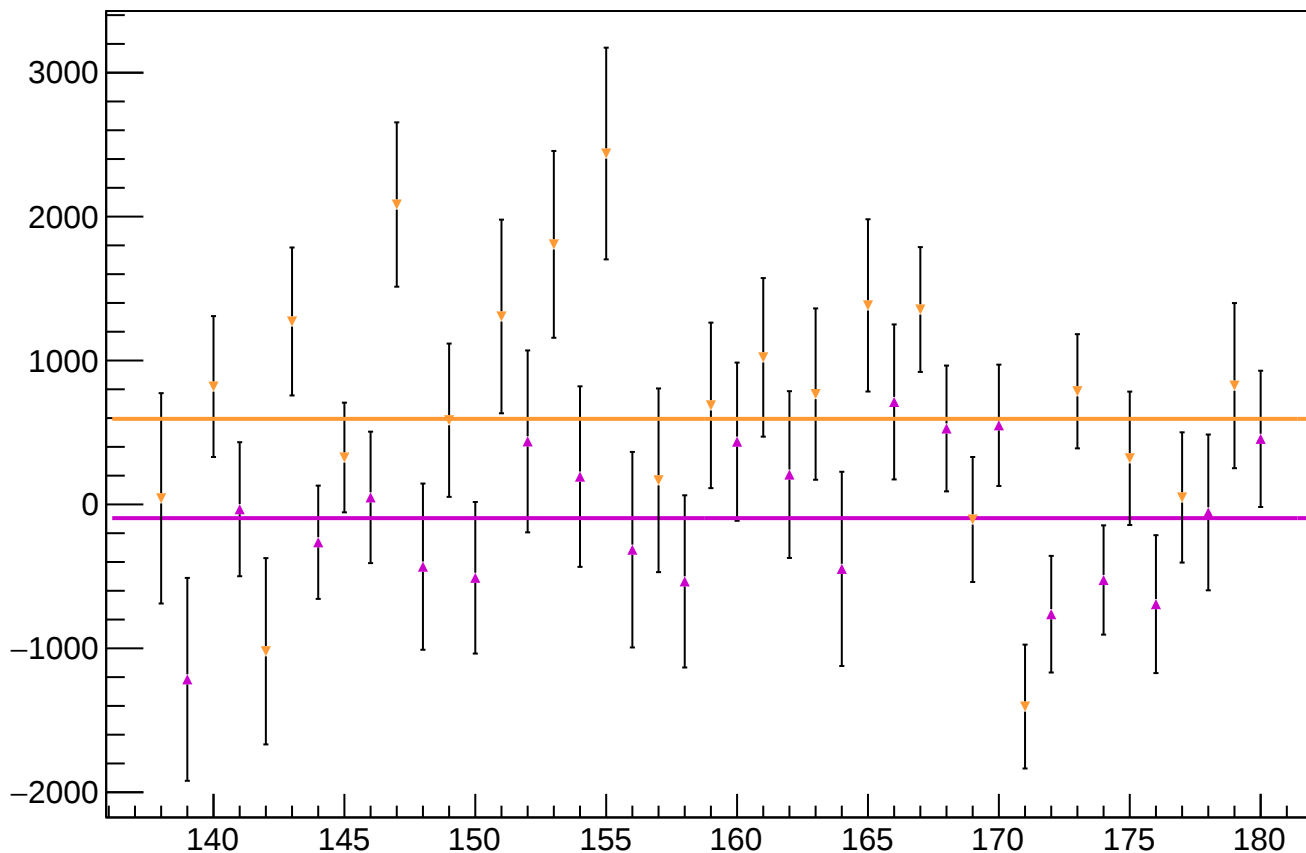
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.380 $\pm$ 0.009 χ^2 /NDF:1386372.2/37

Out: 57.926 $\pm$ 0.009 χ^2 /NDF:1660787.8/39

All: 58.629 $\pm$ 0.006 χ^2 /NDF: 3060801.0/77

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: 594.615+/-110.806 χ^2/NDF : 59.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.248+/-110.075 χ^2/NDF : 20.4/20

Left: 247.402+/-78.092 χ^2/NDF : 99.1/42

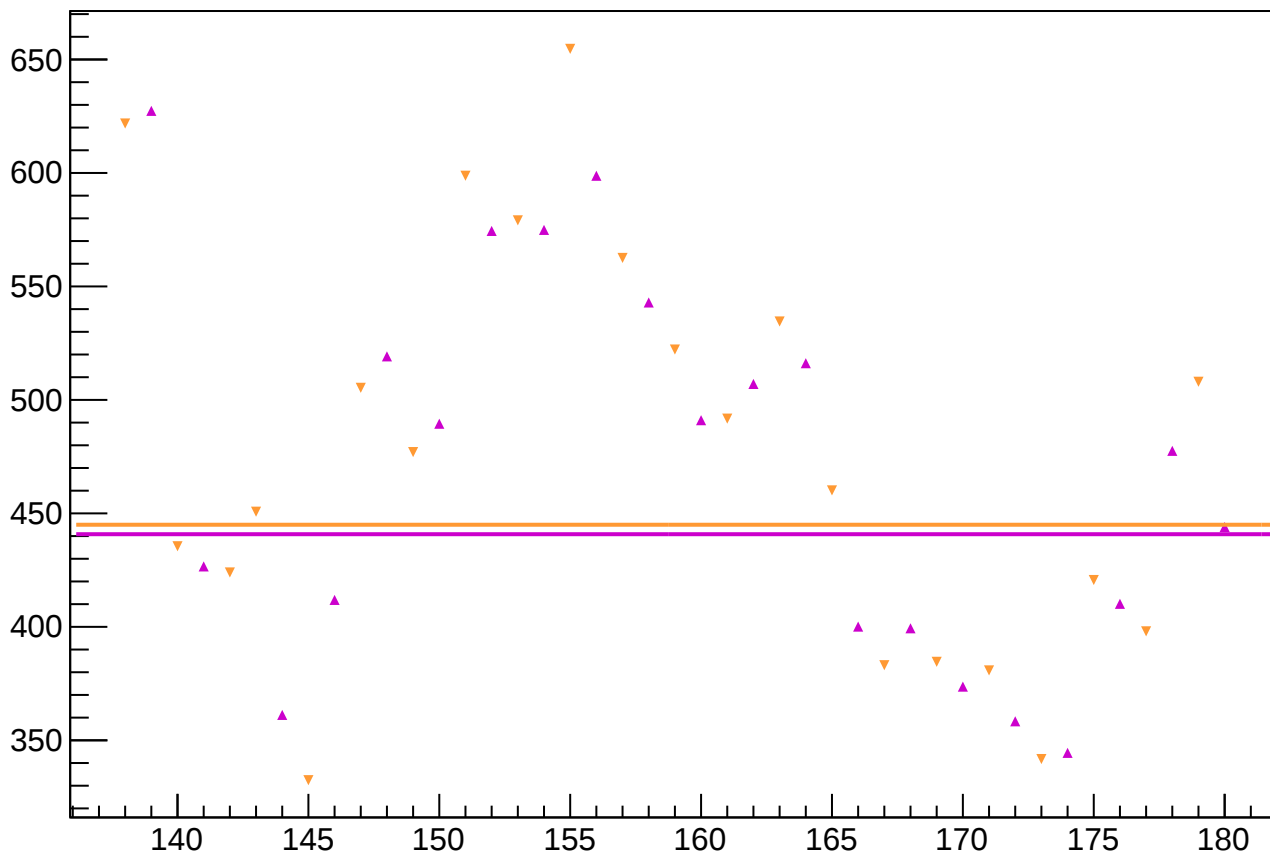
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.248+/-110.075 χ^2/NDF : 20.4/20

Out: 594.615+/-110.806 χ^2/NDF : 59.3/21

All: 247.402+/-78.092 χ^2/NDF : 99.1/42

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: 444.995+/-0.078 χ^2/NDF :1151941.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Left: 442.895+/-0.055 χ^2/NDF : 2163249.2/42

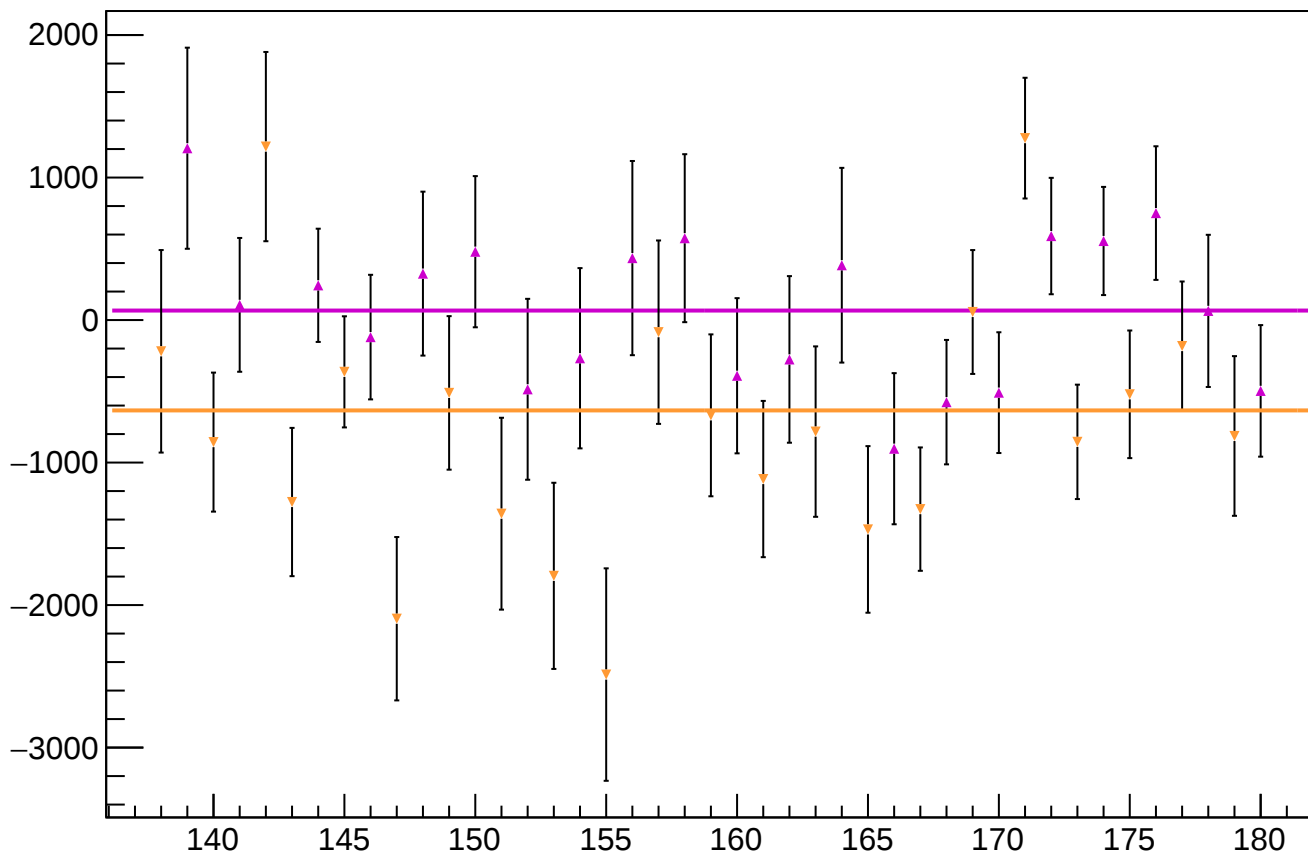
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Out: 444.995+/-0.078 χ^2/NDF :1151941.0/21

All: 442.895+/-0.055 χ^2/NDF : 2163249.2/42

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -634.072+/-110.711 χ^2/NDF : 57.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 66.709+/-109.629 χ^2/NDF : 21.4/20

Left: -280.240+/-77.899 χ^2/NDF : 99.5/42

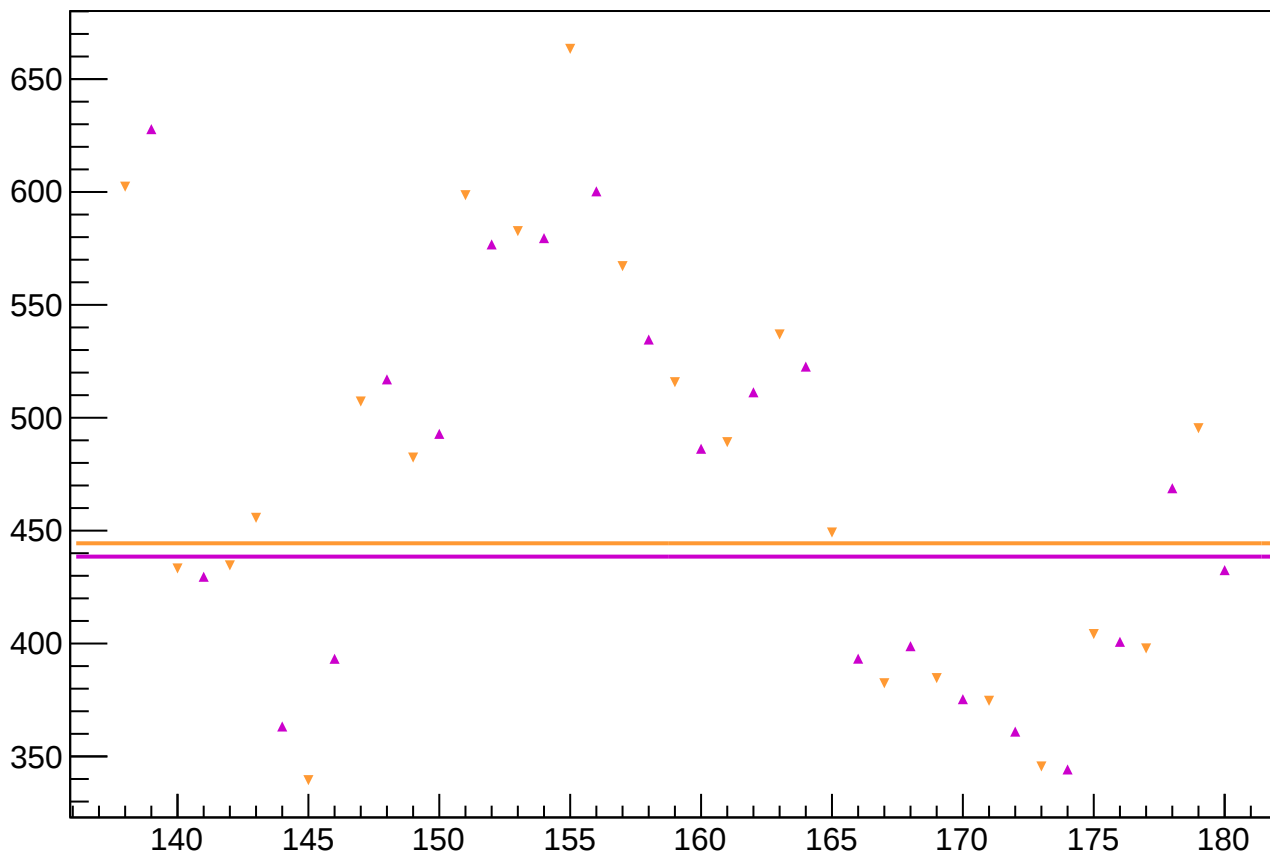
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.709+/-109.629 χ^2/NDF : 21.4/20

Out: -634.072+/-110.711 χ^2/NDF : 57.9/21

All: -280.240+/-77.899 χ^2/NDF : 99.5/42

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 444.397+/-0.078 χ^2/NDF :1120952.6/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Left: 441.416+/-0.055 χ^2/NDF : 2147687.9/42

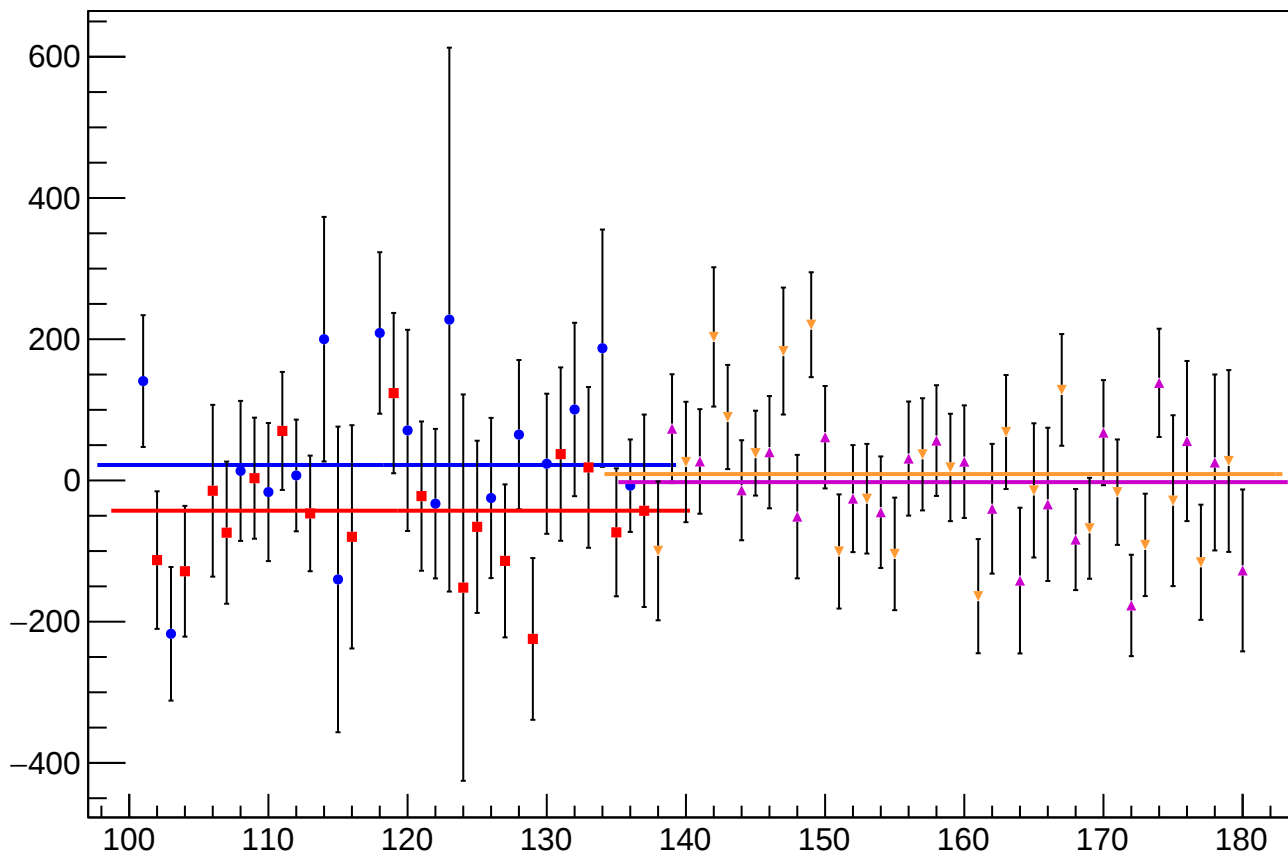
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Out: 444.397+/-0.078 χ^2/NDF :1120952.6/21

All: 441.416+/-0.055 χ^2/NDF : 2147687.9/42

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 9.023 $\pm$ 17.307 χ^2 /NDF:35.7/21

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: -2.380 $\pm$ 17.983 χ^2 /NDF:18.8/20

Left: 3.540 $\pm$ 12.470 χ^2 /NDF: 54.7/42

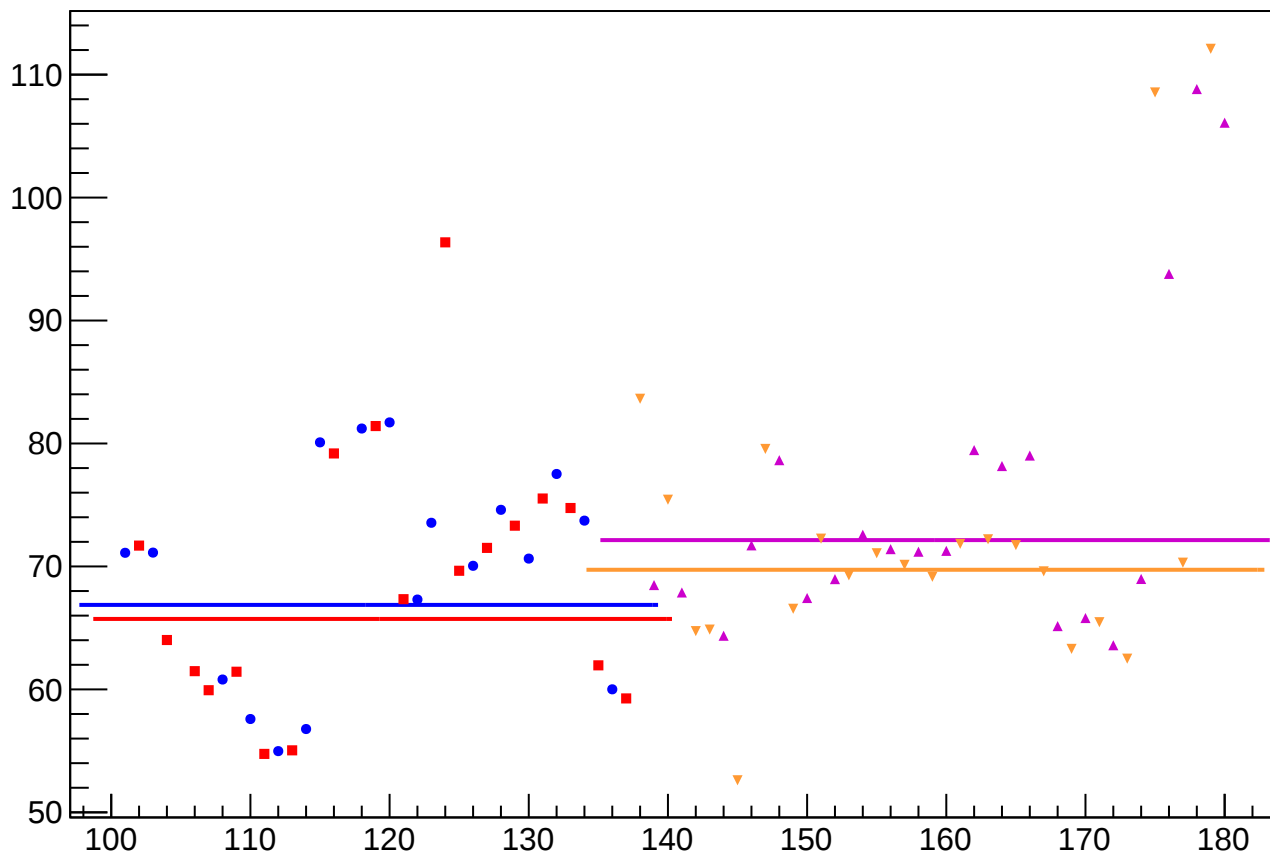
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 5.457 $\pm$ 14.800 χ^2 /NDF:34.5/37

Out: -7.667 $\pm$ 14.251 χ^2 /NDF:48.5/39

All: -1.353 $\pm$ 10.266 χ^2 /NDF: 83.4/77

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: 69.730 $\pm$ 0.012 χ^2 /NDF: 724865.6/21

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 72.142 $\pm$ 0.013 χ^2 /NDF: 573606.1/20

Left: 70.890 $\pm$ 0.009 χ^2 /NDF: 1317159.8/42

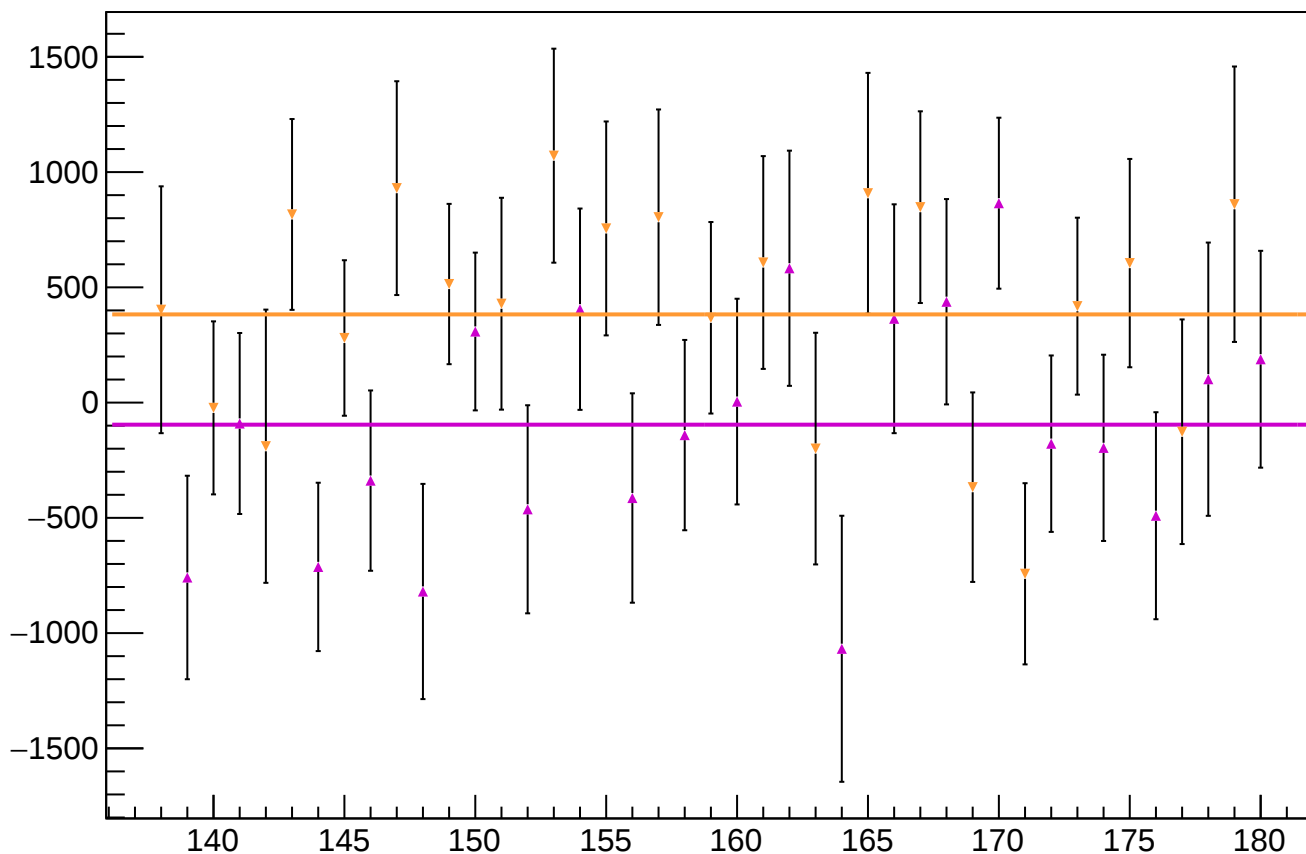
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 70.442 $\pm$ 0.010 χ^2 /NDF: 831545.8/37

Out: 68.442 $\pm$ 0.010 χ^2 /NDF: 978114.2/39

All: 69.404 $\pm$ 0.007 χ^2 /NDF: 1828603.7/77

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 382.622 $\pm$ 93.429 χ^2 /NDF:25.8/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -95.760 $\pm$ 94.004 χ^2 /NDF:26.8/20

Left: 144.898 $\pm$ 66.266 χ^2 /NDF: 65.7/42

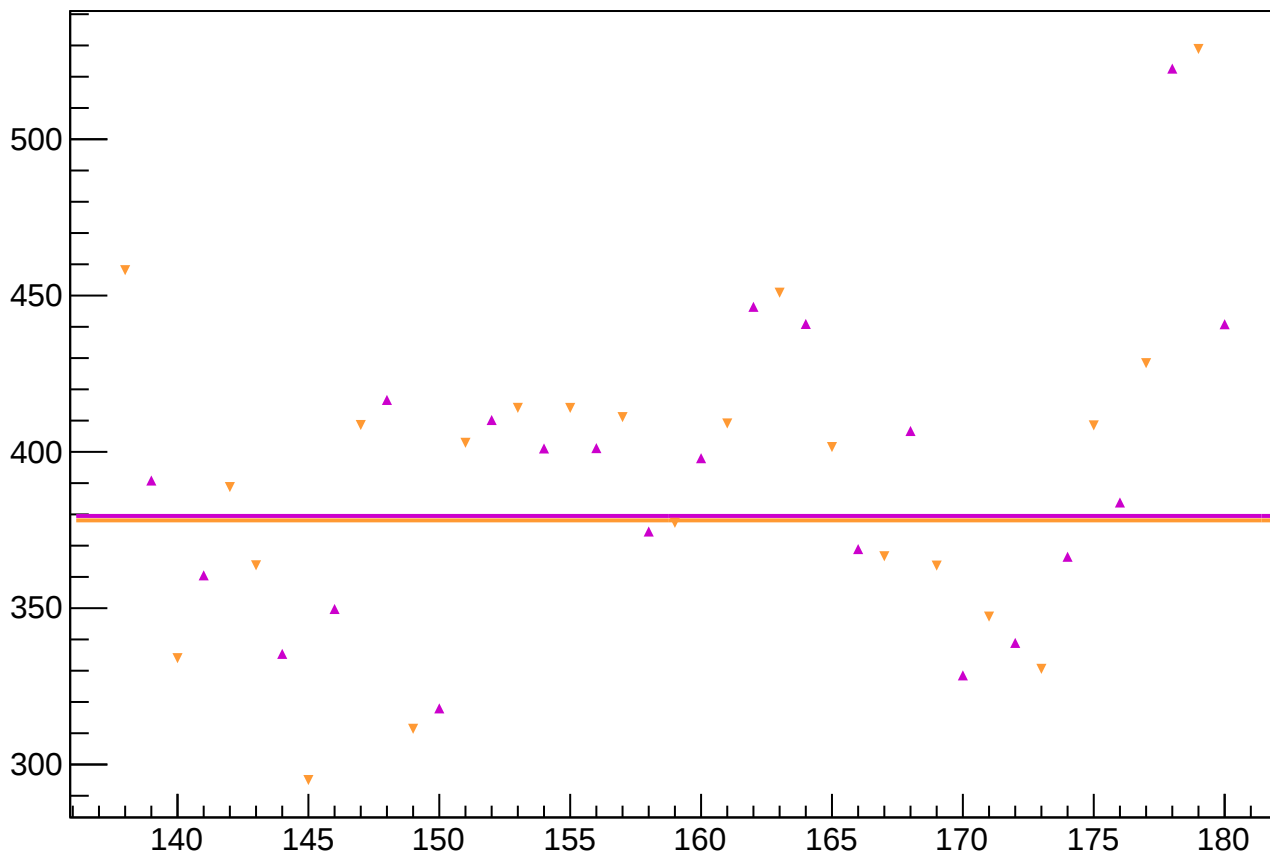
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -95.760 $\pm$ 94.004 χ^2 /NDF:26.8/20

Out: 382.622 $\pm$ 93.429 χ^2 /NDF:25.8/21

All: 144.898 $\pm$ 66.266 χ^2 /NDF: 65.7/42

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: 378.090+/-0.066 χ^2/NDF :578262.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Left: 378.795+/-0.047 χ^2/NDF : 1003556.9/42

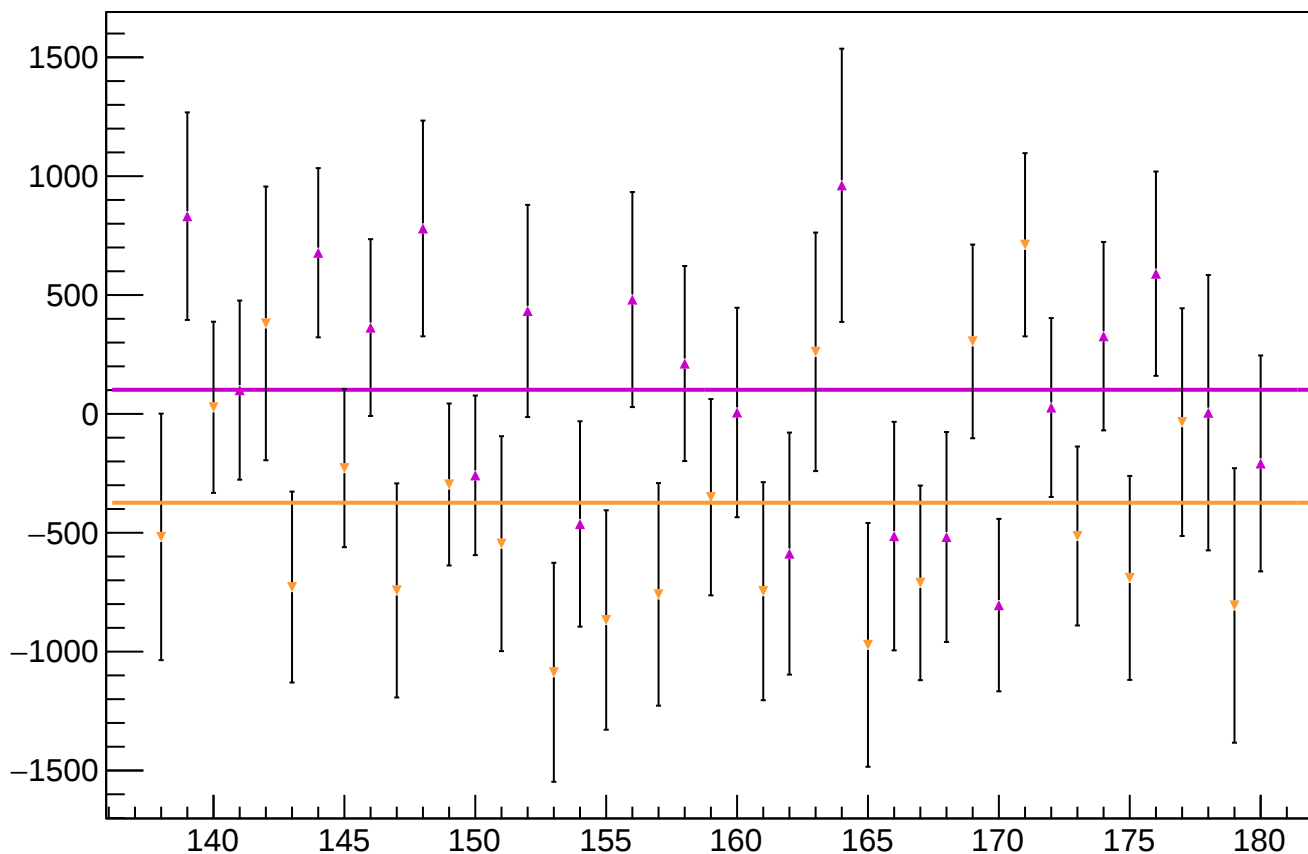
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Out: 378.090+/-0.066 χ^2/NDF :578262.9/21

All: 378.795+/-0.047 χ^2/NDF : 1003556.9/42

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -373.715+/-91.634 χ^2/NDF :25.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 101.523+/-92.007 χ^2/NDF :28.5/20

Left: -137.061+/-64.926 χ^2/NDF : 67.7/42

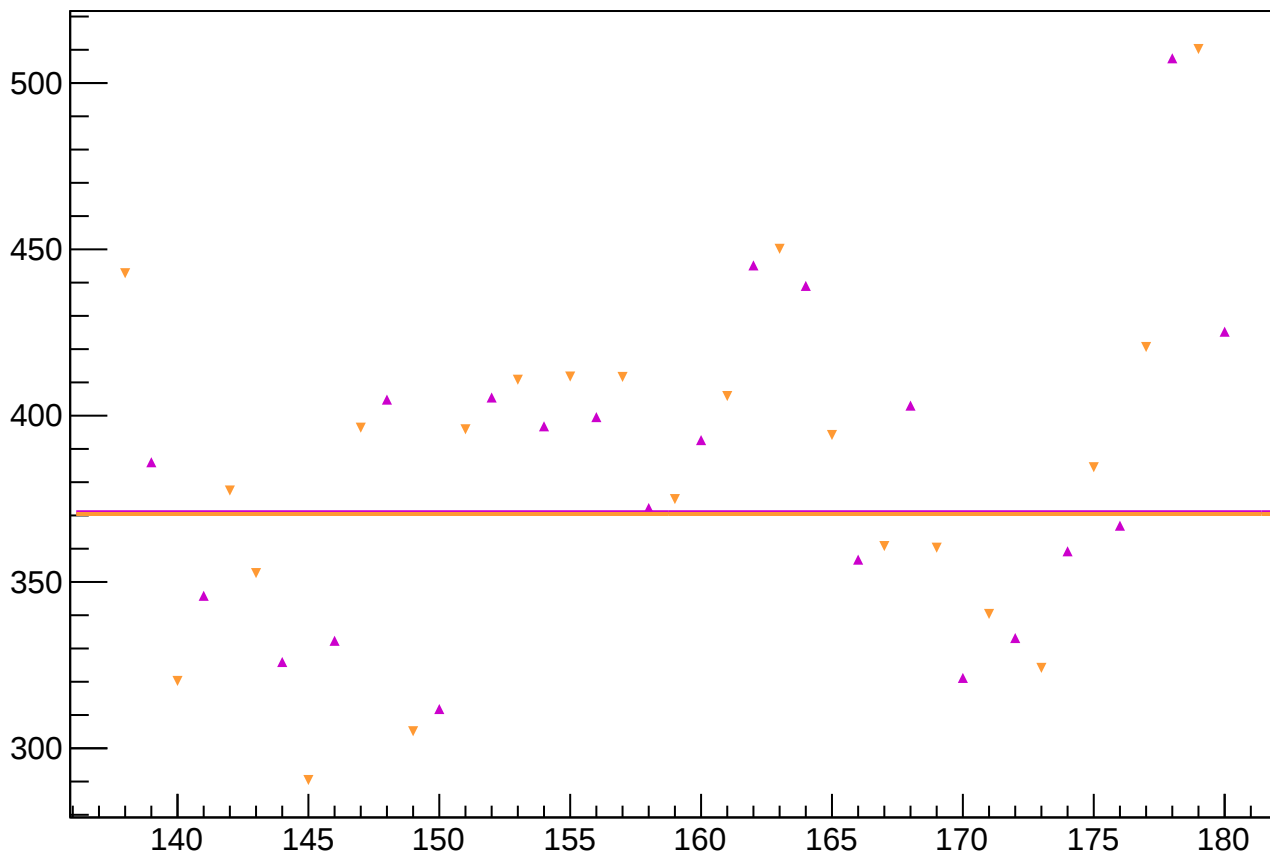
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.523+/-92.007 χ^2/NDF :28.5/20

Out: -373.715+/-91.634 χ^2/NDF :25.8/21

All: -137.061+/-64.926 χ^2/NDF : 67.7/42

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 370.438+/-0.065 χ^2/NDF : 584354.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Left: 370.702+/-0.046 χ^2/NDF : 1036819.7/42

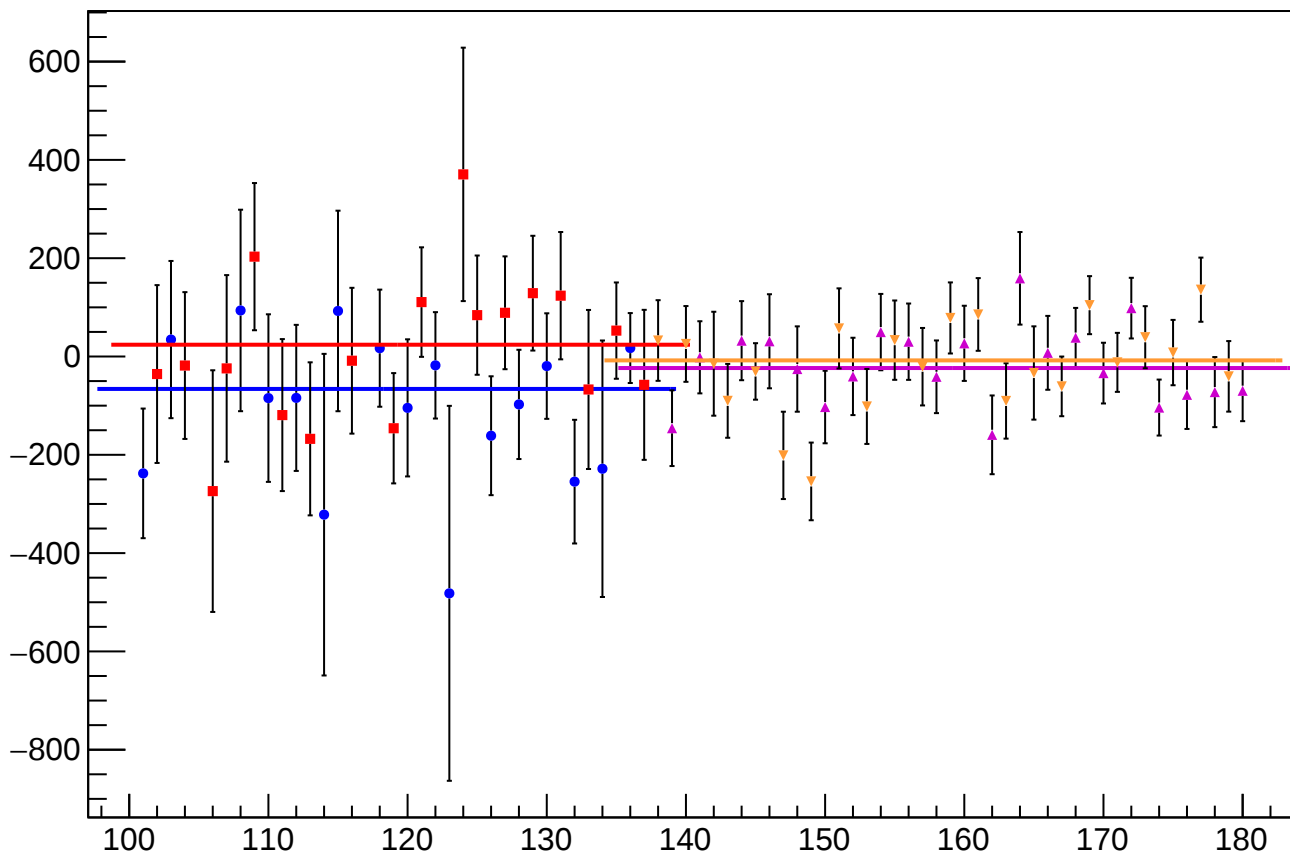
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.968+/-0.065 χ^2/NDF : 452432.0/20

Out: 370.438+/-0.065 χ^2/NDF : 584354.5/21

All: 370.702+/-0.046 χ^2/NDF : 1036819.7/42

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: -7.903 ± 15.417 χ^2/NDF : 33.0/21

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -23.465 ± 15.815 χ^2/NDF : 21.9/20

Left: -15.485 ± 11.039 χ^2/NDF : 55.4/42

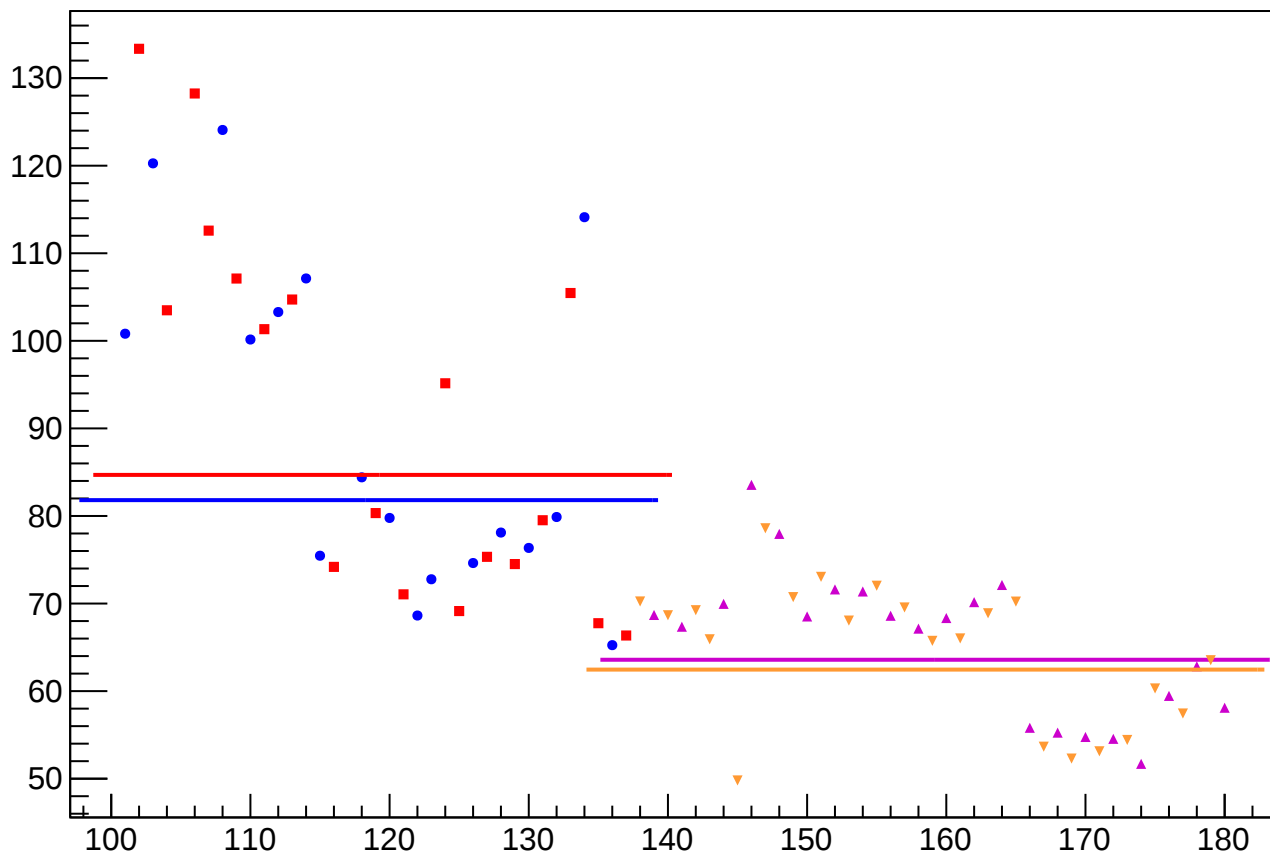
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -31.690 ± 14.203 χ^2/NDF : 34.1/37

Out: -2.131 ± 13.952 χ^2/NDF : 46.7/39

All: -16.646 ± 9.953 χ^2/NDF : 83.0/77

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: 62.458 $\pm$ 0.011 χ^2 /NDF: 549868.4/21

Right Out: 84.691 $\pm$ 0.023 χ^2 /NDF: 615927.4/17

Left In: 63.582 $\pm$ 0.011 χ^2 /NDF: 522127.0/20

Left: 63.005 $\pm$ 0.008 χ^2 /NDF: 1077175.1/42

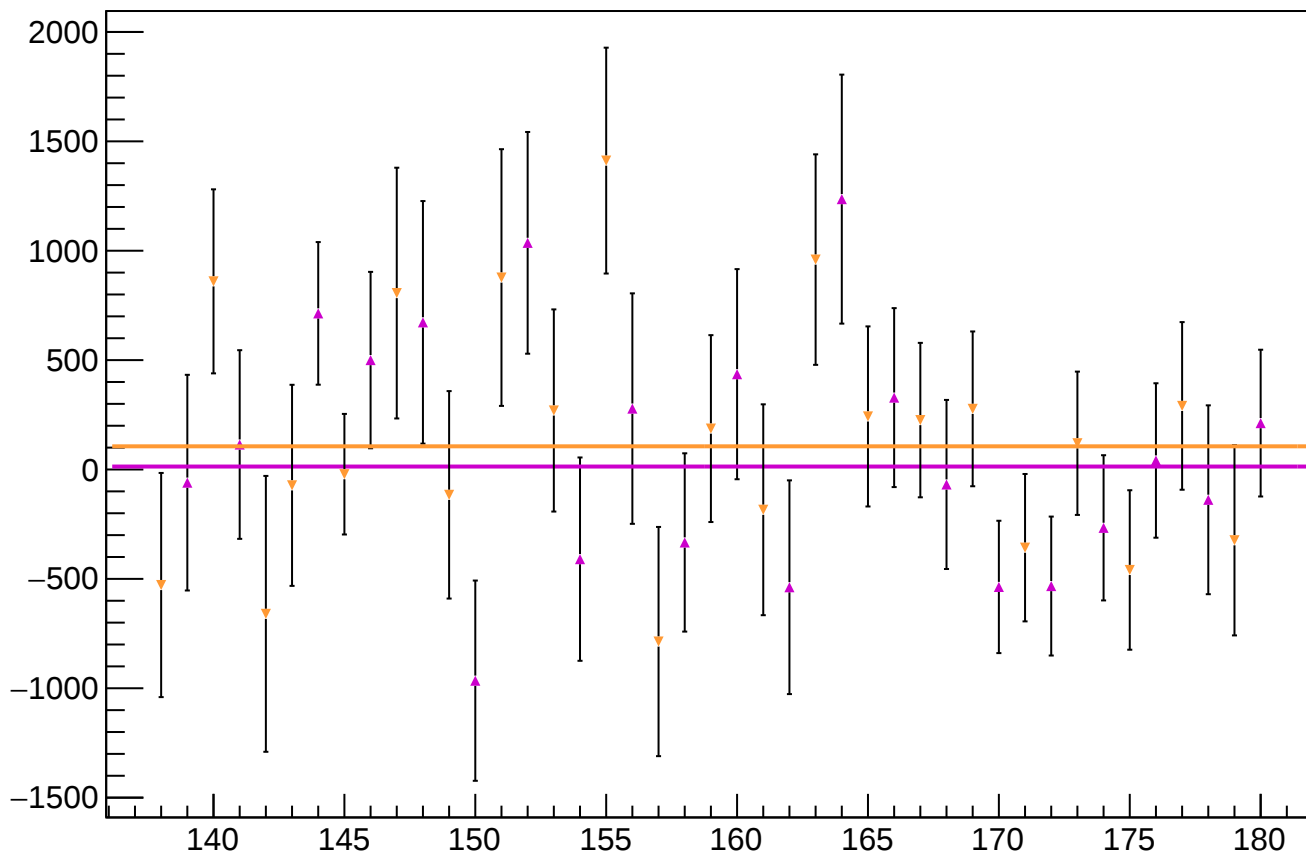
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 67.108 $\pm$ 0.010 χ^2 /NDF: 1543329.2/37

Out: 66.483 $\pm$ 0.010 χ^2 /NDF: 1918842.1/39

All: 66.790 $\pm$ 0.007 χ^2 /NDF: 3464145.2/77

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: 105.945 $\pm$ 89.039 χ^2 /NDF:29.0/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 13.512 $\pm$ 88.483 χ^2 /NDF:32.8/20

Left: 59.439 $\pm$ 62.762 χ^2 /NDF: 62.3/42

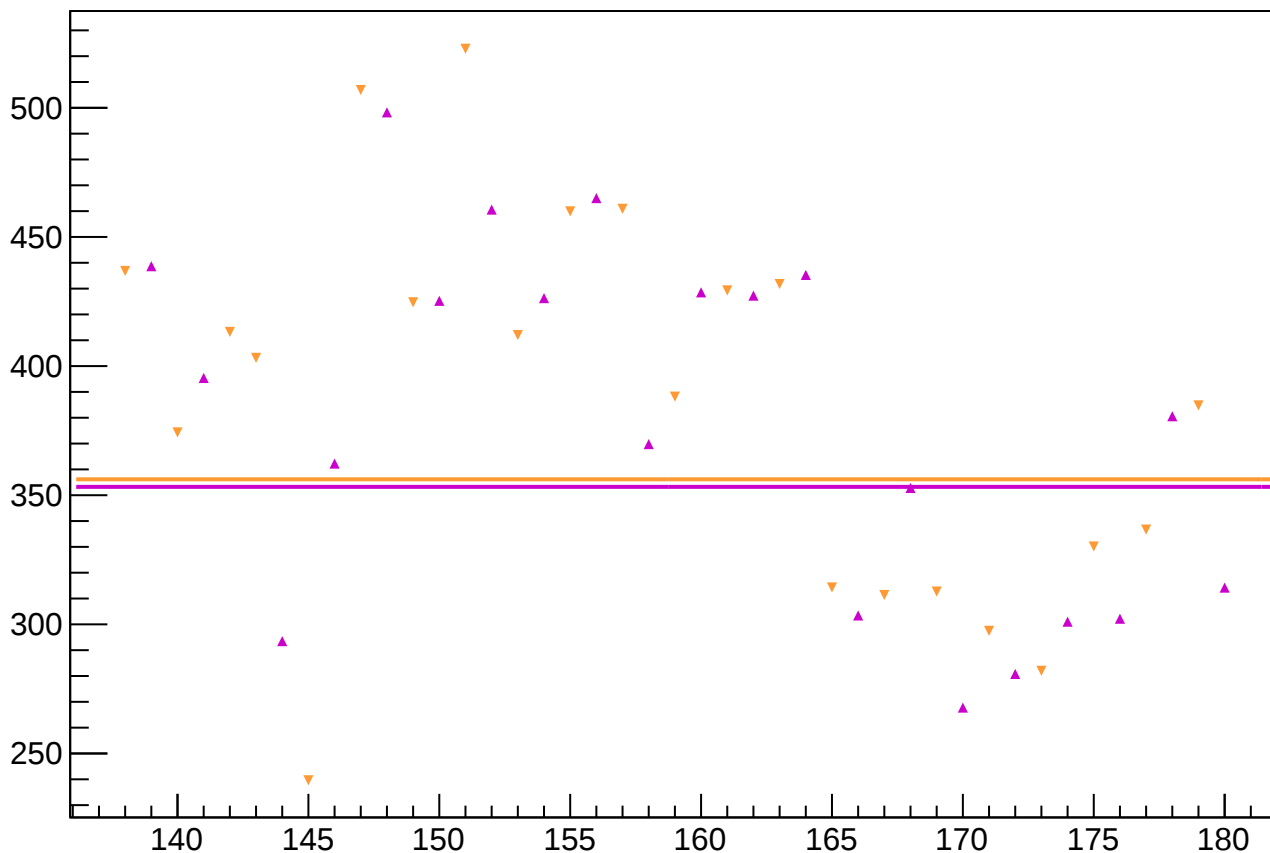
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.512 $\pm$ 88.483 χ^2 /NDF:32.8/20

Out: 105.945 $\pm$ 89.039 χ^2 /NDF:29.0/21

All: 59.439 $\pm$ 62.762 χ^2 /NDF: 62.3/42

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.163+/-0.063 χ^2/NDF :1356862.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Left: 354.690+/-0.044 χ^2/NDF : 2480863.8/42

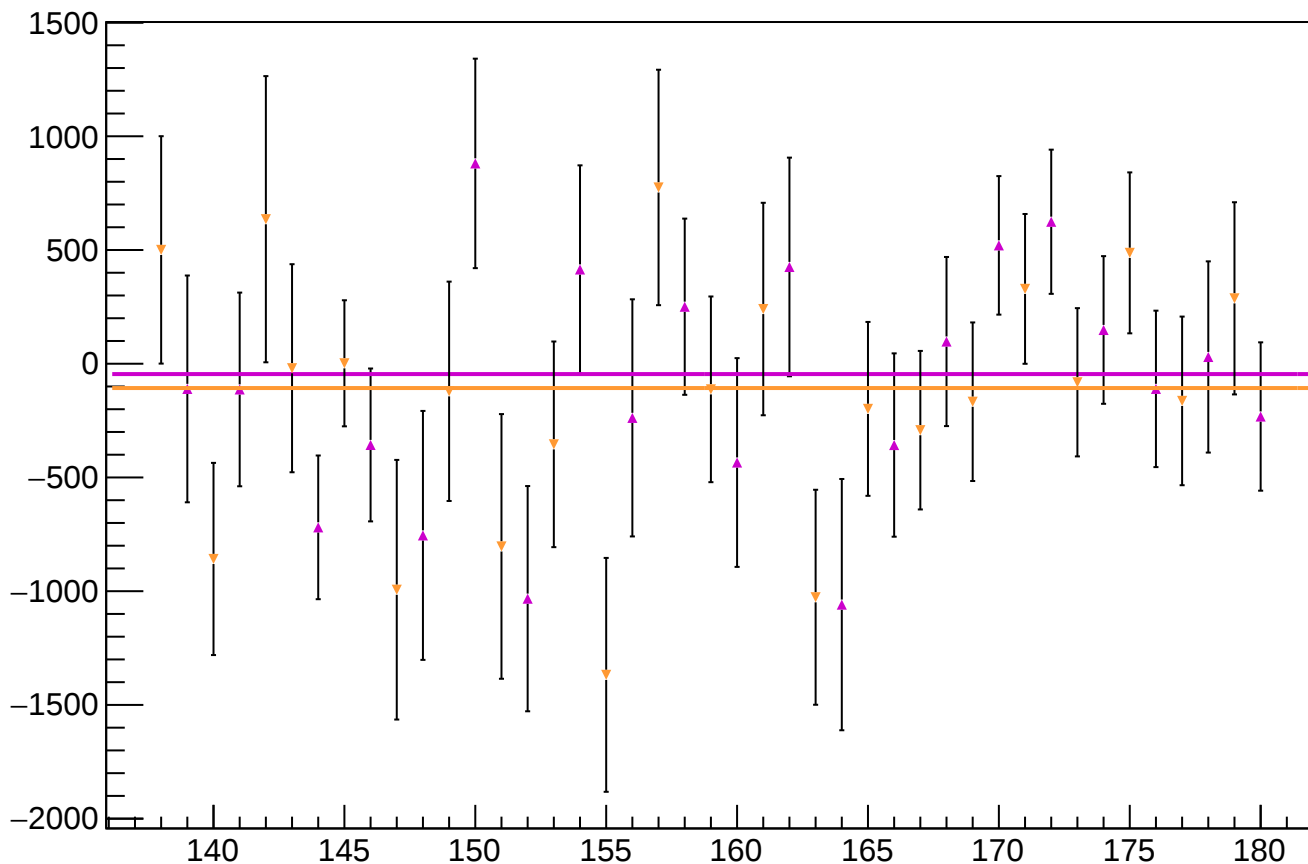
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Out: 356.163+/-0.063 χ^2/NDF :1356862.1/21

All: 354.690+/-0.044 χ^2/NDF : 2480863.8/42

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -106.908+/-87.520 χ^2/NDF :29.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -45.505+/-86.012 χ^2/NDF :31.3/20

Left: -75.673+/-61.346 χ^2/NDF : 61.1/42

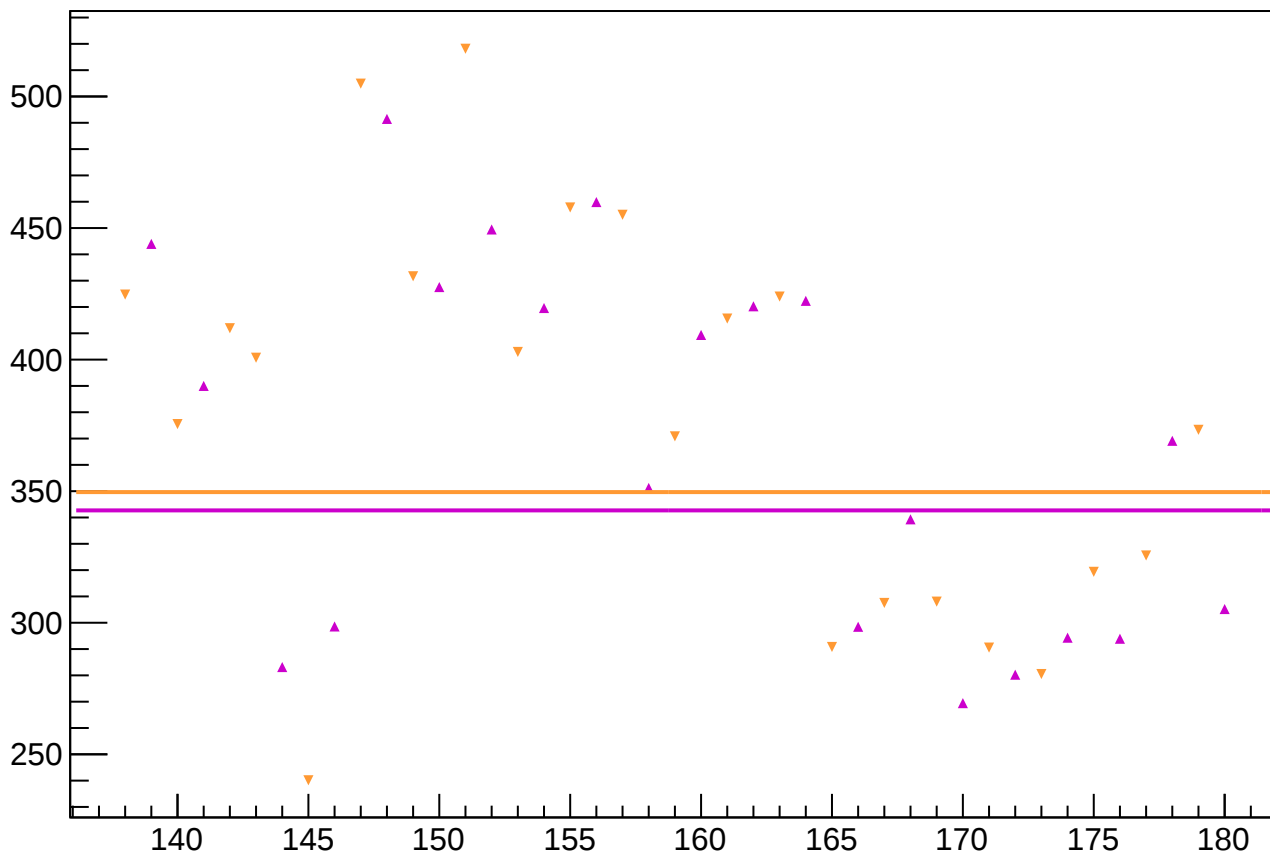
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -45.505+/-86.012 χ^2/NDF :31.3/20

Out: -106.908+/-87.520 χ^2/NDF :29.5/21

All: -75.673+/-61.346 χ^2/NDF : 61.1/42

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 349.653+/-0.062 χ^2/NDF :1366018.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Left: 346.115+/-0.043 χ^2/NDF : 2524980.1/42

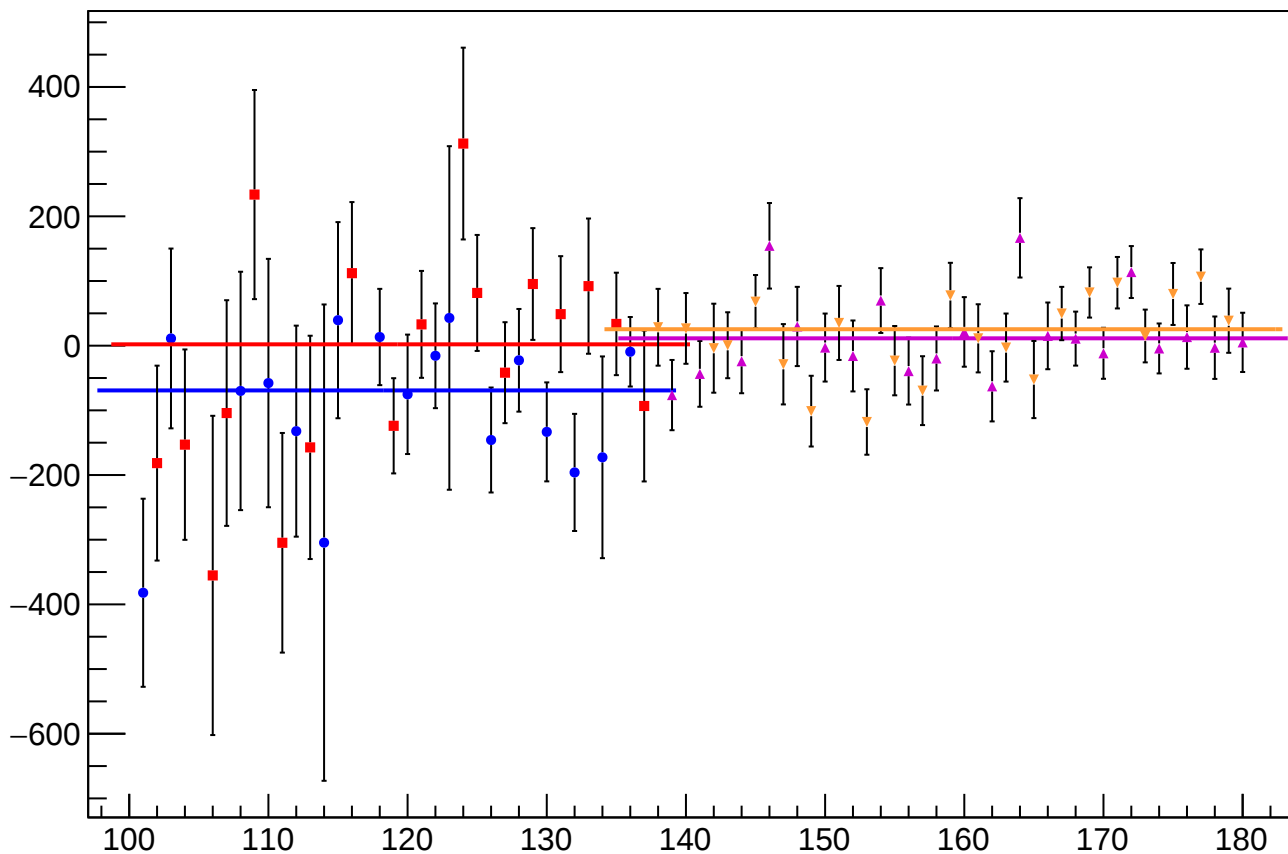
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Out: 349.653+/-0.062 χ^2/NDF :1366018.8/21

All: 346.115+/-0.043 χ^2/NDF : 2524980.1/42

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: 25.431 ± 10.497 χ^2/NDF : 33.7/21

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 11.357 ± 10.746 χ^2/NDF : 27.5/20

Left: 18.559 ± 7.509 χ^2/NDF : 62.1/42

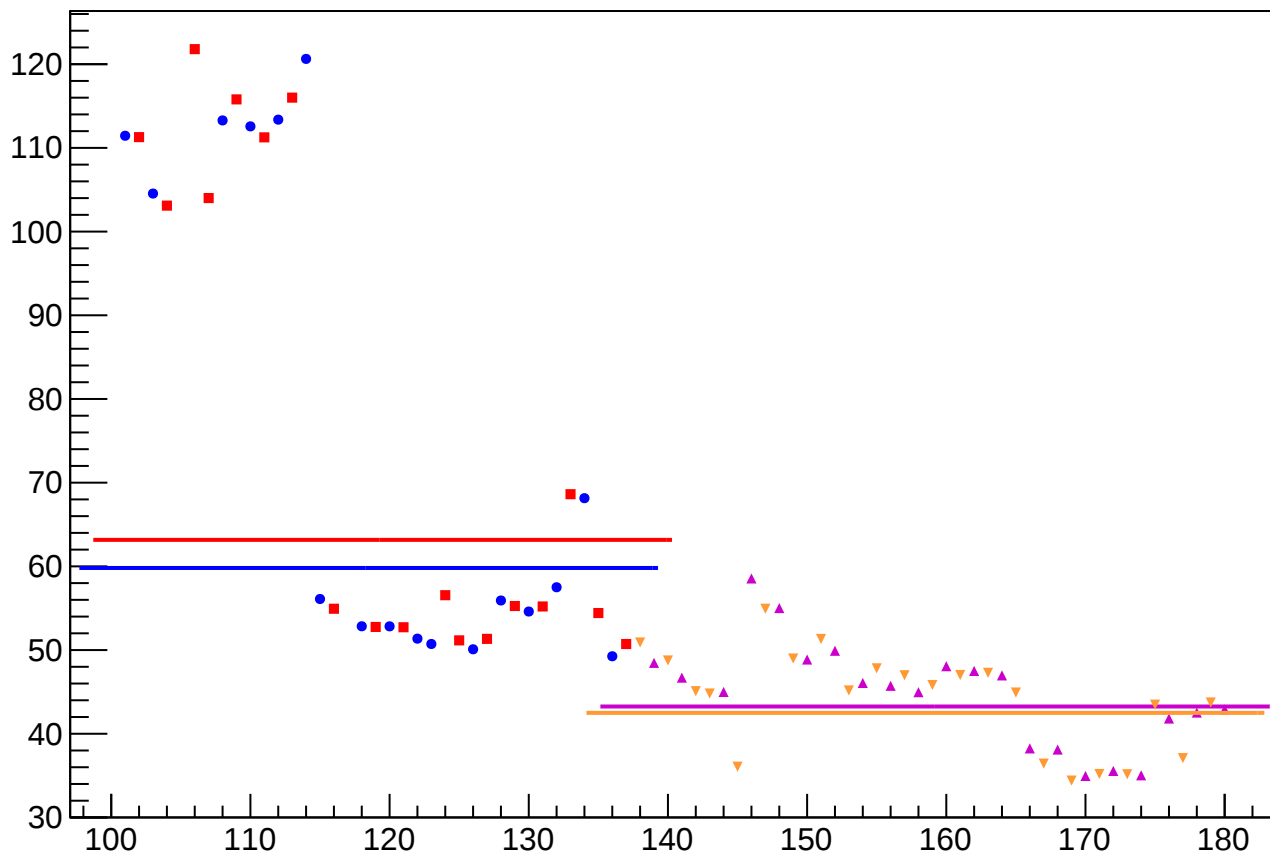
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -1.855 ± 9.826 χ^2/NDF : 50.2/37

Out: 21.976 ± 9.689 χ^2/NDF : 58.2/39

All: 10.227 ± 6.899 χ^2/NDF : 111.4/77

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: 42.498 $\pm$ 0.007 χ^2/NDF : 657790.5/21

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 43.255 $\pm$ 0.008 χ^2/NDF : 616185.7/20

Left: 42.868 $\pm$ 0.005 χ^2/NDF : 1279060.3/42

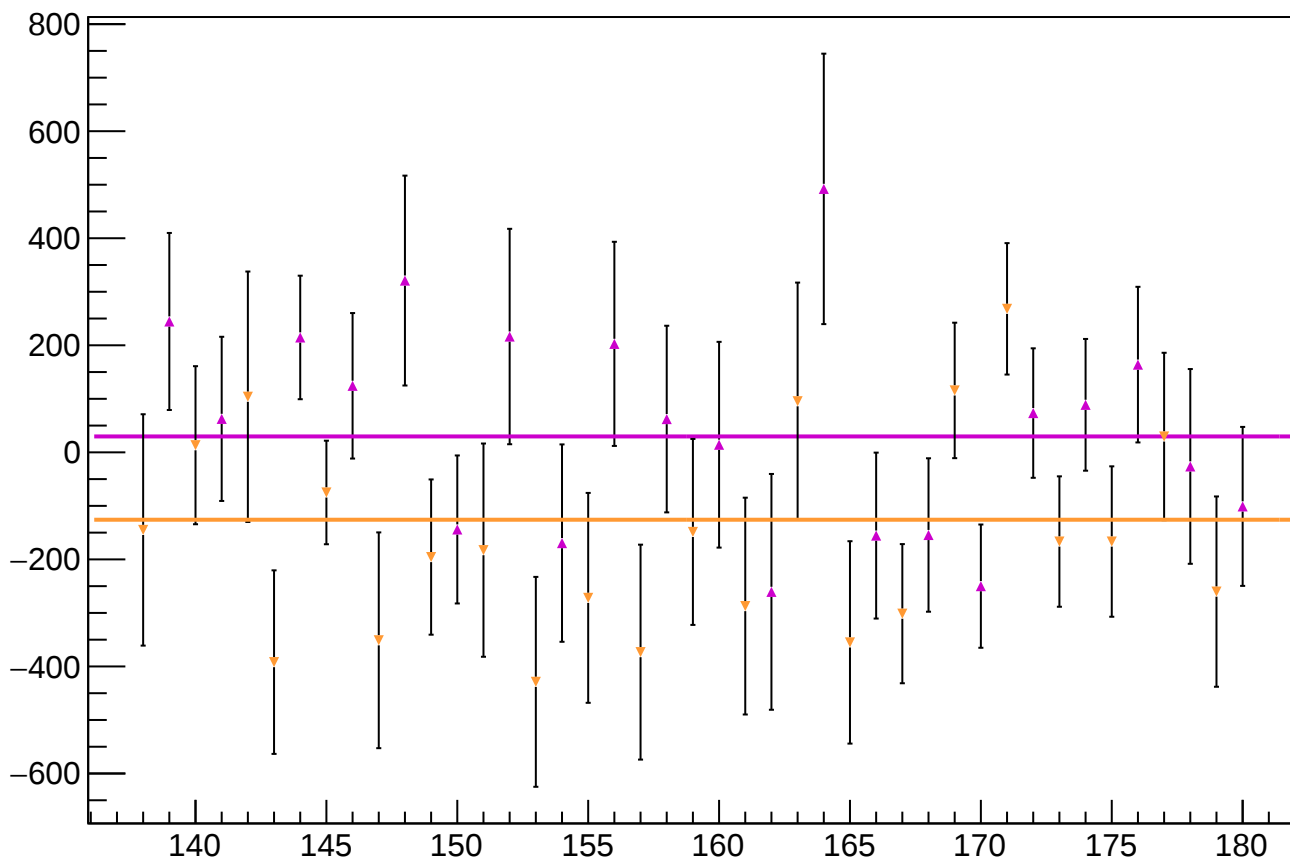
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 45.971 $\pm$ 0.007 χ^2/NDF : 2624570.0/37

Out: 45.556 $\pm$ 0.007 χ^2/NDF : 3192479.0/39

All: 45.761 $\pm$ 0.005 χ^2/NDF : 5818850.9/77

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: -125.894+/-33.615 χ^2/NDF :31.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.717+/-33.568 χ^2/NDF :27.6/20

Left: -47.979+/-23.752 χ^2/NDF : 69.5/42

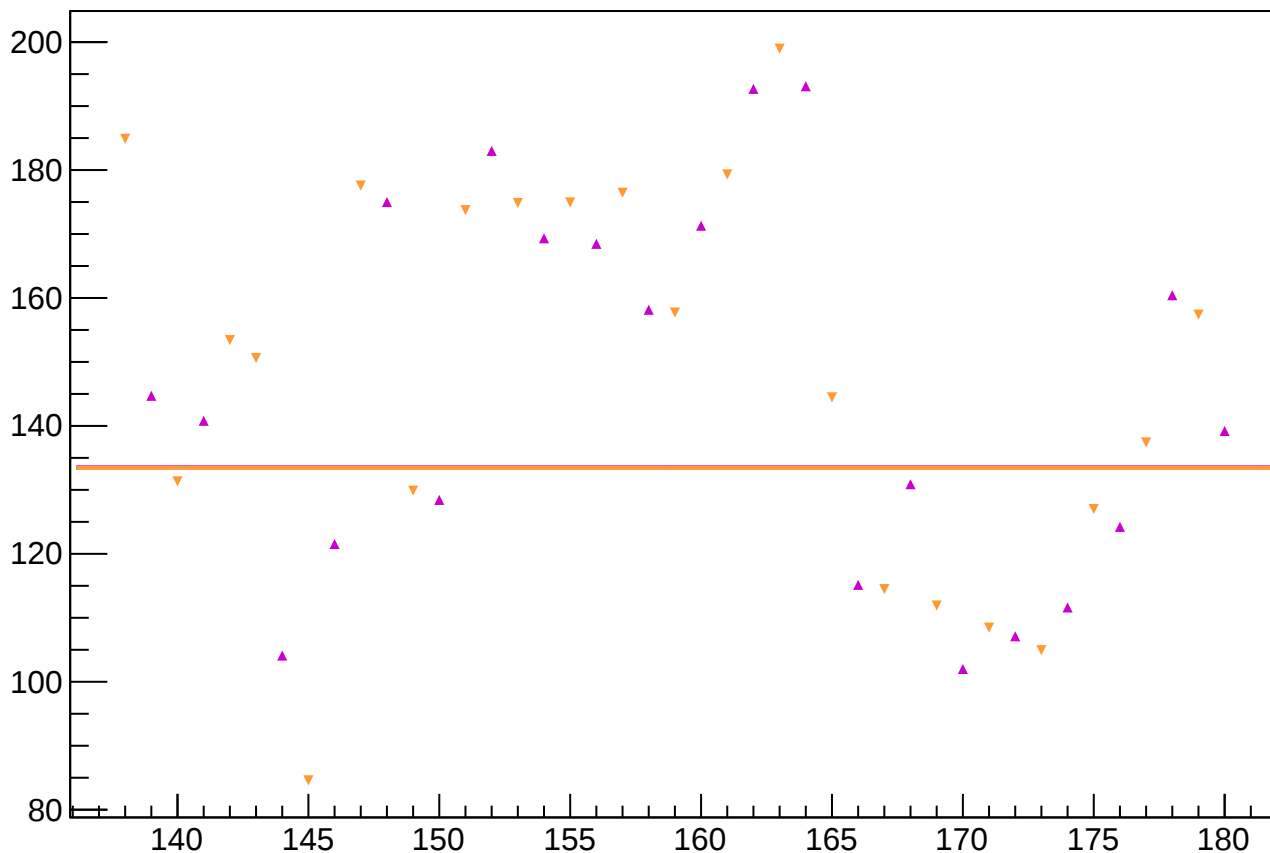
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.717+/-33.568 χ^2/NDF :27.6/20

Out: -125.894+/-33.615 χ^2/NDF :31.2/21

All: -47.979+/-23.752 χ^2/NDF : 69.5/42

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: 133.447+/-0.024 χ^2/NDF :1765667.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Left: 133.488+/-0.017 χ^2/NDF : 3045542.8/42

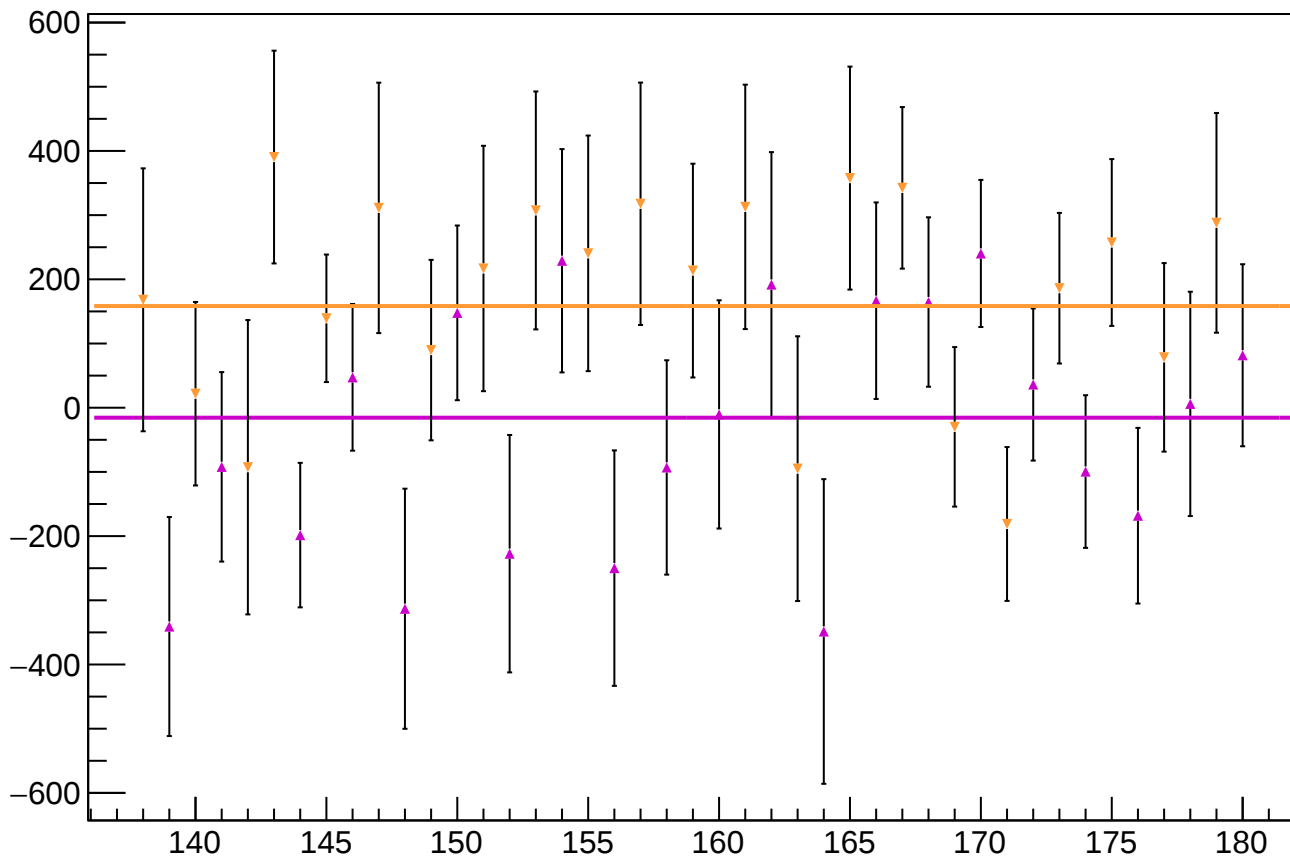
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Out: 133.447+/-0.024 χ^2/NDF :1765667.8/21

All: 133.488+/-0.017 χ^2/NDF : 3045542.8/42

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 158.360 ± 32.426 $\chi^2/\text{NDF}: 24.2/21$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -15.543 ± 32.053 $\chi^2/\text{NDF}: 29.6/20$

Left: 70.403 ± 22.796 $\chi^2/\text{NDF}: 68.3/42$

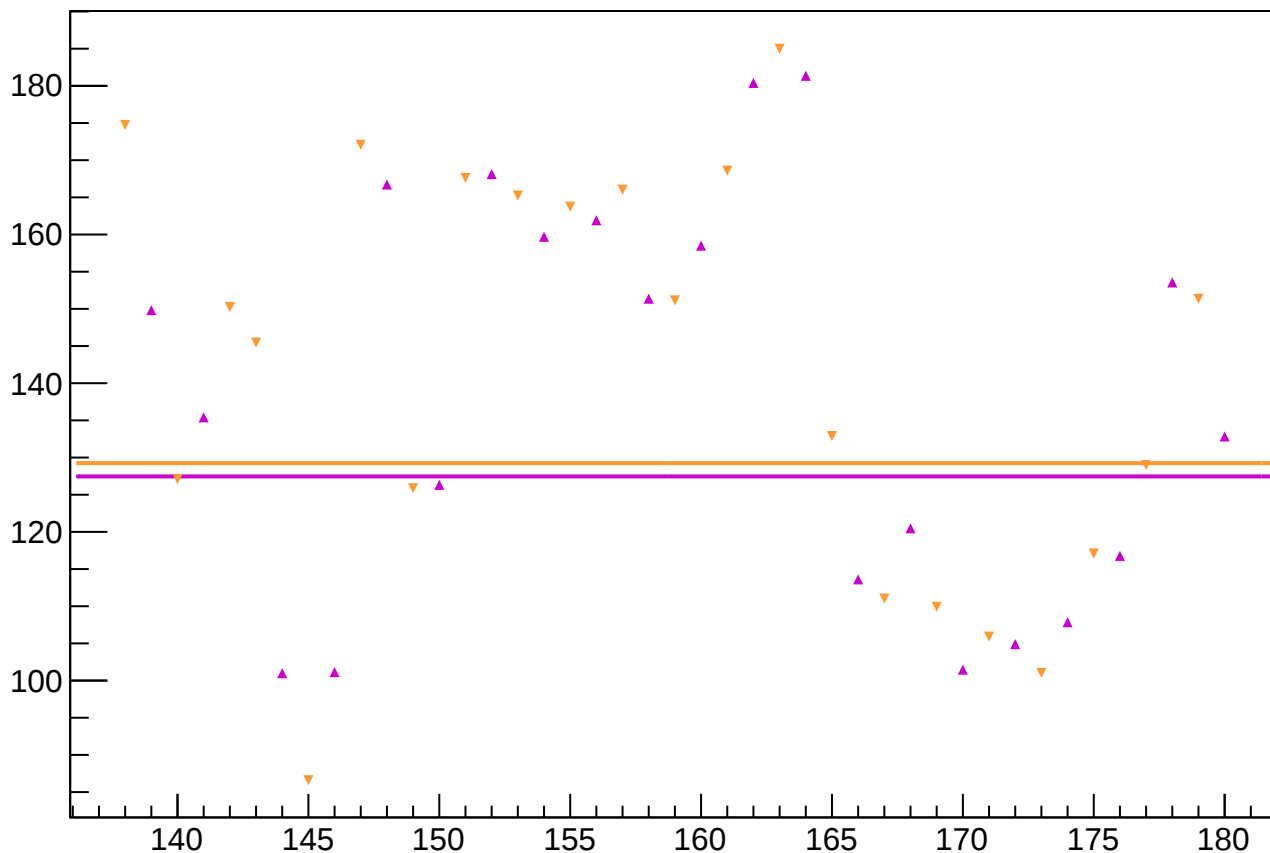
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -15.543 ± 32.053 $\chi^2/\text{NDF}: 29.6/20$

Out: 158.360 ± 32.426 $\chi^2/\text{NDF}: 24.2/21$

All: 70.403 ± 22.796 $\chi^2/\text{NDF}: 68.3/42$

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 129.252 $\pm$ 0.023 χ^2/NDF :1504013.8/21

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 127.461 $\pm$ 0.023 χ^2/NDF :1229672.4/20

Left: 128.346 $\pm$ 0.016 χ^2/NDF : 2736770.9/42

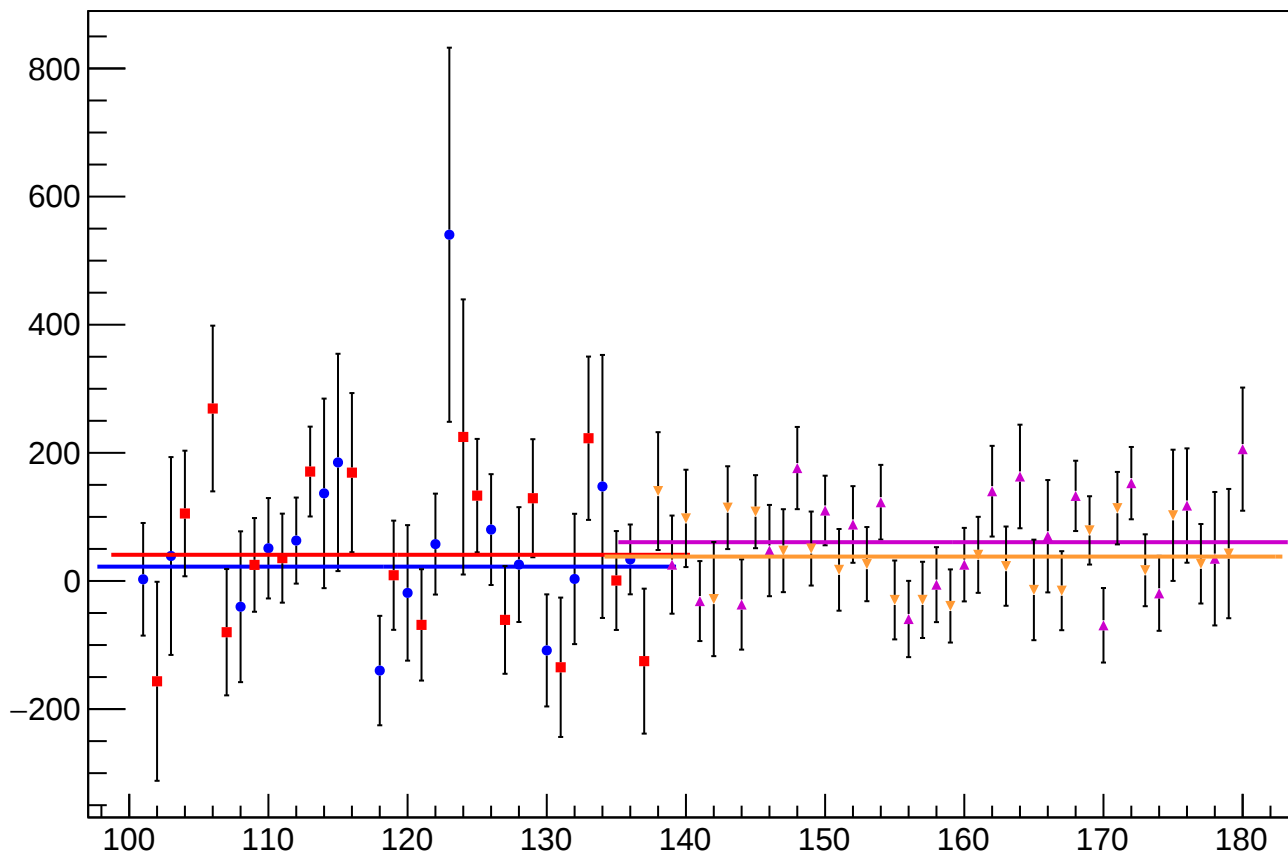
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 127.461 $\pm$ 0.023 χ^2/NDF :1229672.4/20

Out: 129.252 $\pm$ 0.023 χ^2/NDF :1504013.8/21

All: 128.346 $\pm$ 0.016 χ^2/NDF : 2736770.9/42

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.052 $\pm$ 13.728 χ^2 /NDF: 14.0/21

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 60.528 $\pm$ 14.284 χ^2 /NDF: 32.3/20

Left: 48.844 $\pm$ 9.898 χ^2 /NDF: 47.7/42

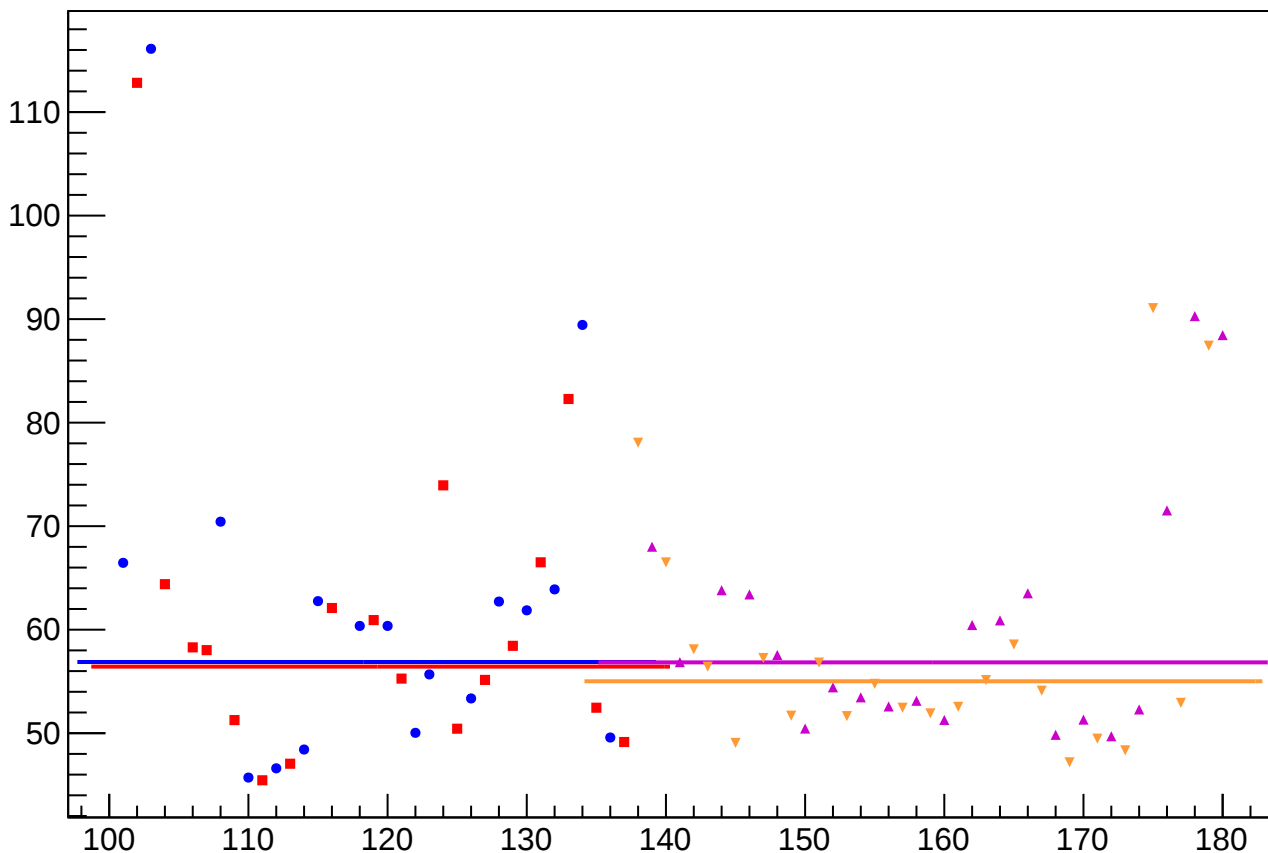
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 49.651 $\pm$ 12.078 χ^2 /NDF: 47.0/37

Out: 38.834 $\pm$ 11.667 χ^2 /NDF: 38.3/39

All: 44.055 $\pm$ 8.391 χ^2 /NDF: 85.7/77

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: 55.015 $\pm$ 0.010 χ^2 /NDF: 778473.5/21

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 56.842 $\pm$ 0.010 χ^2 /NDF: 747208.6/20

Left: 55.893 $\pm$ 0.007 χ^2 /NDF: 1542689.4/42

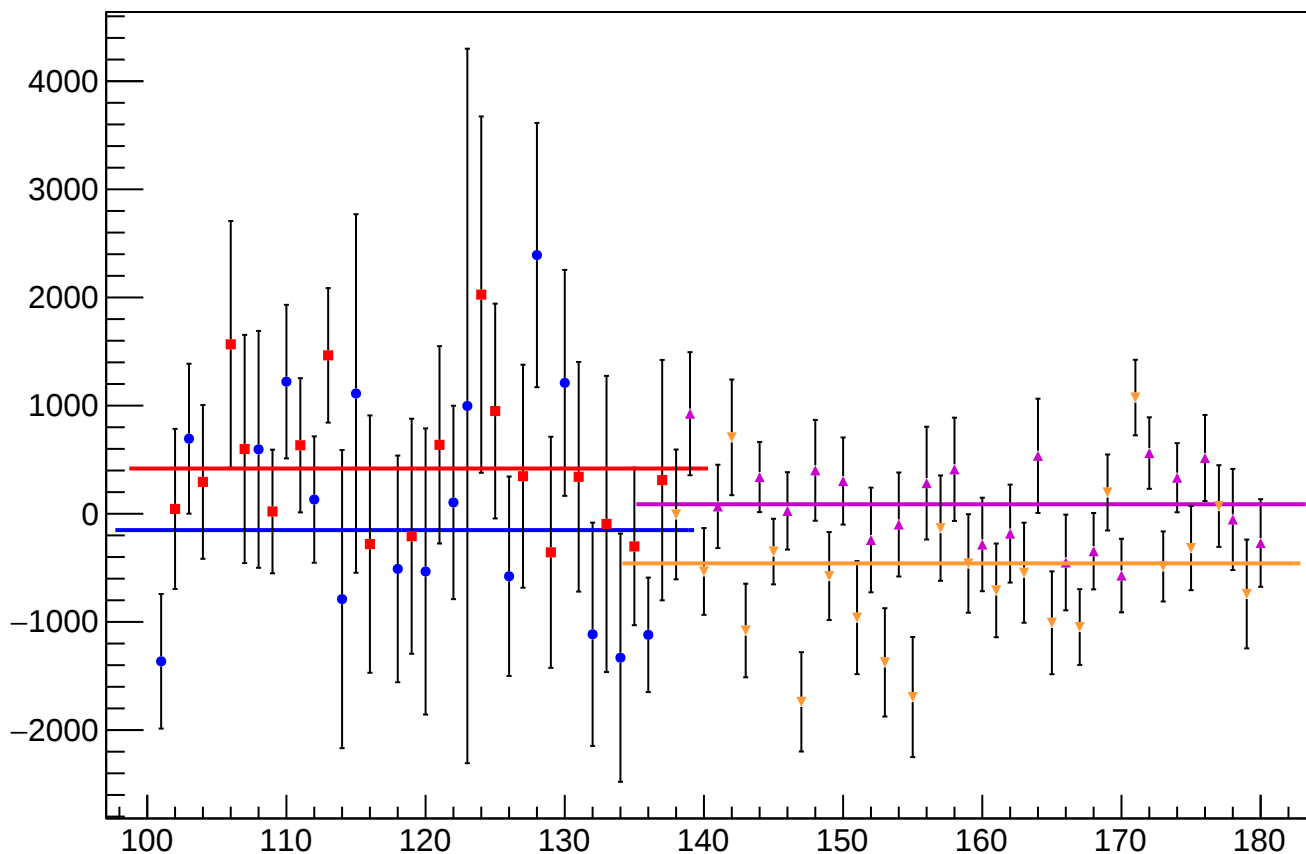
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.853 $\pm$ 0.009 χ^2 /NDF: 1322699.3/37

Out: 55.409 $\pm$ 0.008 χ^2 /NDF: 1304862.6/39

All: 56.106 $\pm$ 0.006 χ^2 /NDF: 2642335.0/77

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -458.659 $\pm$ 89.322 χ^2 /NDF:54.8/21

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 88.045 $\pm$ 89.064 χ^2 /NDF:18.0/20

Left: -184.516 $\pm$ 63.069 χ^2 /NDF: 91.5/42

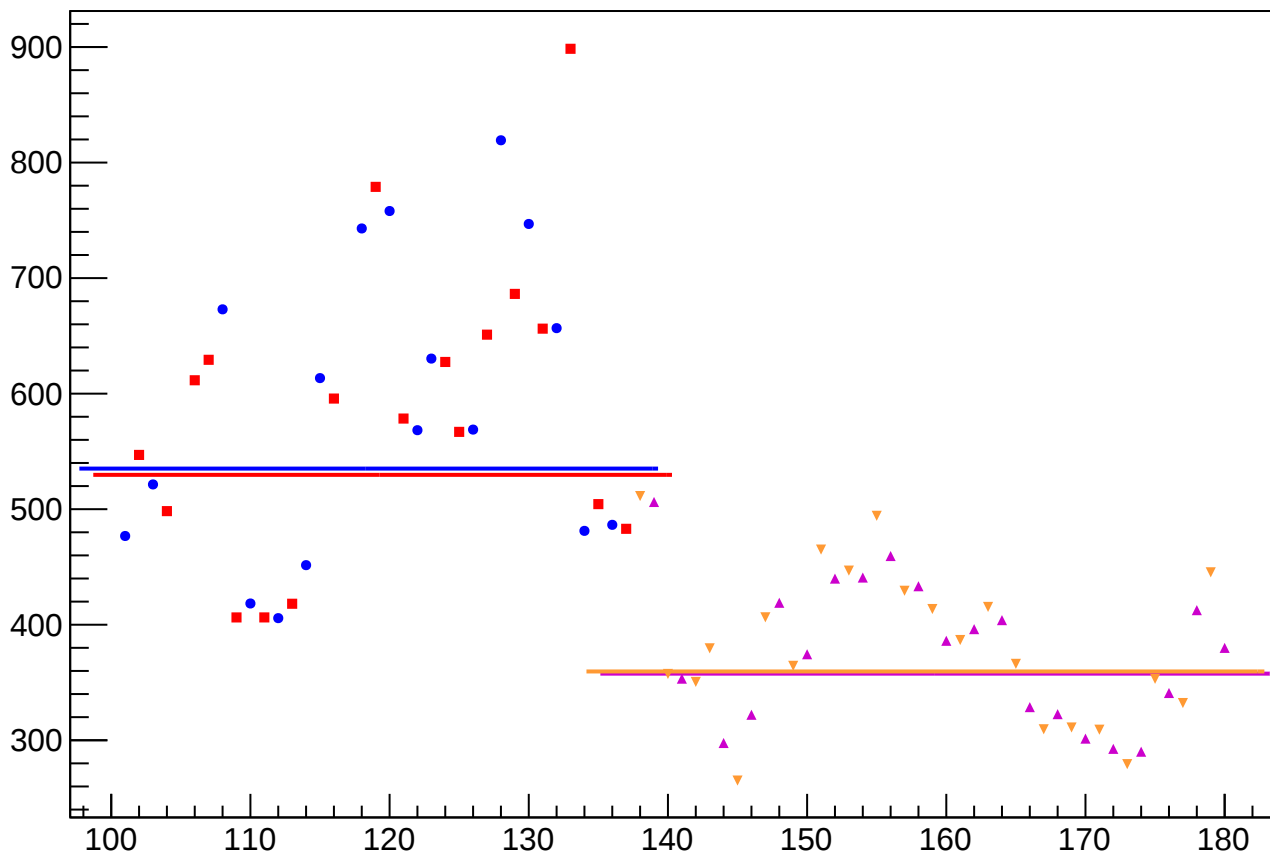
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 52.283 $\pm$ 82.138 χ^2 /NDF:41.5/37

Out: -318.762 $\pm$ 81.891 χ^2 /NDF:78.5/39

All: -133.800 $\pm$ 57.993 χ^2 /NDF: 130.3/77

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 359.547 $\pm$ 0.063 χ^2 /NDF: 1026694.1/21

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 357.661 $\pm$ 0.063 χ^2 /NDF: 832715.0/20

Left: 358.601 $\pm$ 0.045 χ^2 /NDF: 1859855.9/42

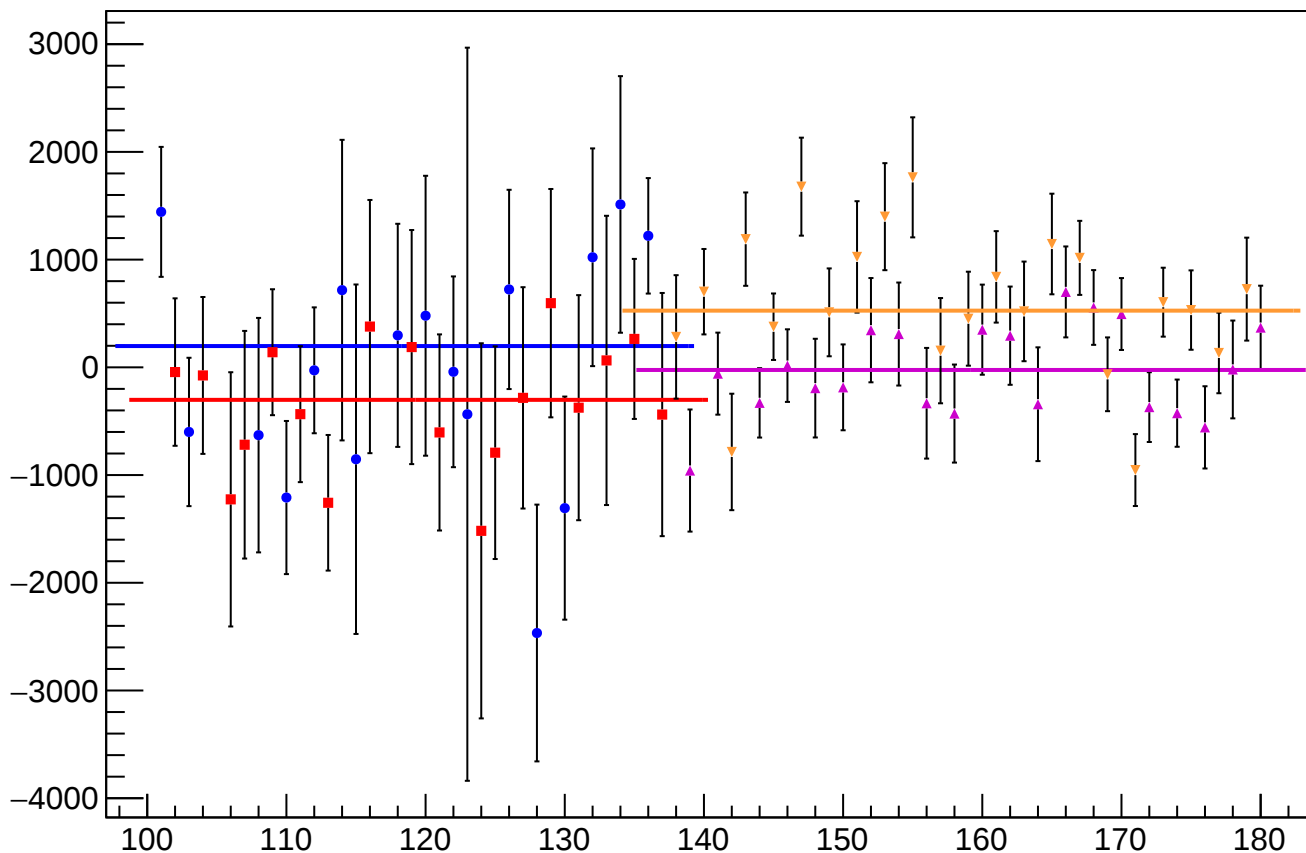
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 384.191 $\pm$ 0.058 χ^2 /NDF: 2615903.4/37

Out: 386.686 $\pm$ 0.058 χ^2 /NDF: 2831111.6/39

All: 385.442 $\pm$ 0.041 χ^2 /NDF: 5447940.4/77

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 526.305+/-87.909 χ^2/NDF : 53.1/21

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -24.430+/-87.069 χ^2/NDF : 21.7/20

Left: 248.294+/-61.862 χ^2/NDF : 94.6/42

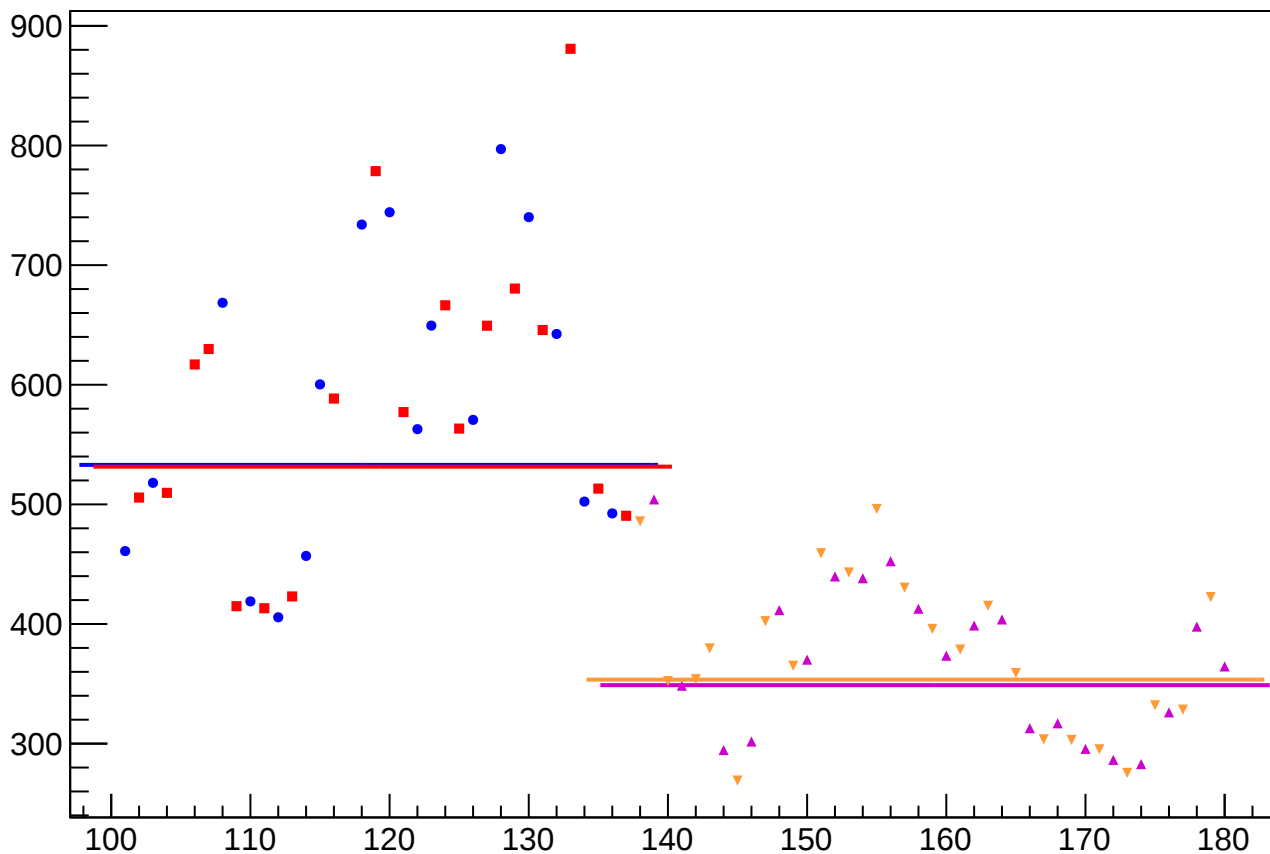
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: 7.745+/-80.512 χ^2/NDF : 46.6/37

Out: 398.409+/-80.836 χ^2/NDF : 73.5/39

All: 202.292+/-57.045 χ^2/NDF : 131.8/77

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 353.497+/-0.062 χ^2/NDF : 1001715.8/21

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 348.890+/-0.062 χ^2/NDF : 882487.6/20

Left: 351.171+/-0.044 χ^2/NDF : 1886976.8/42

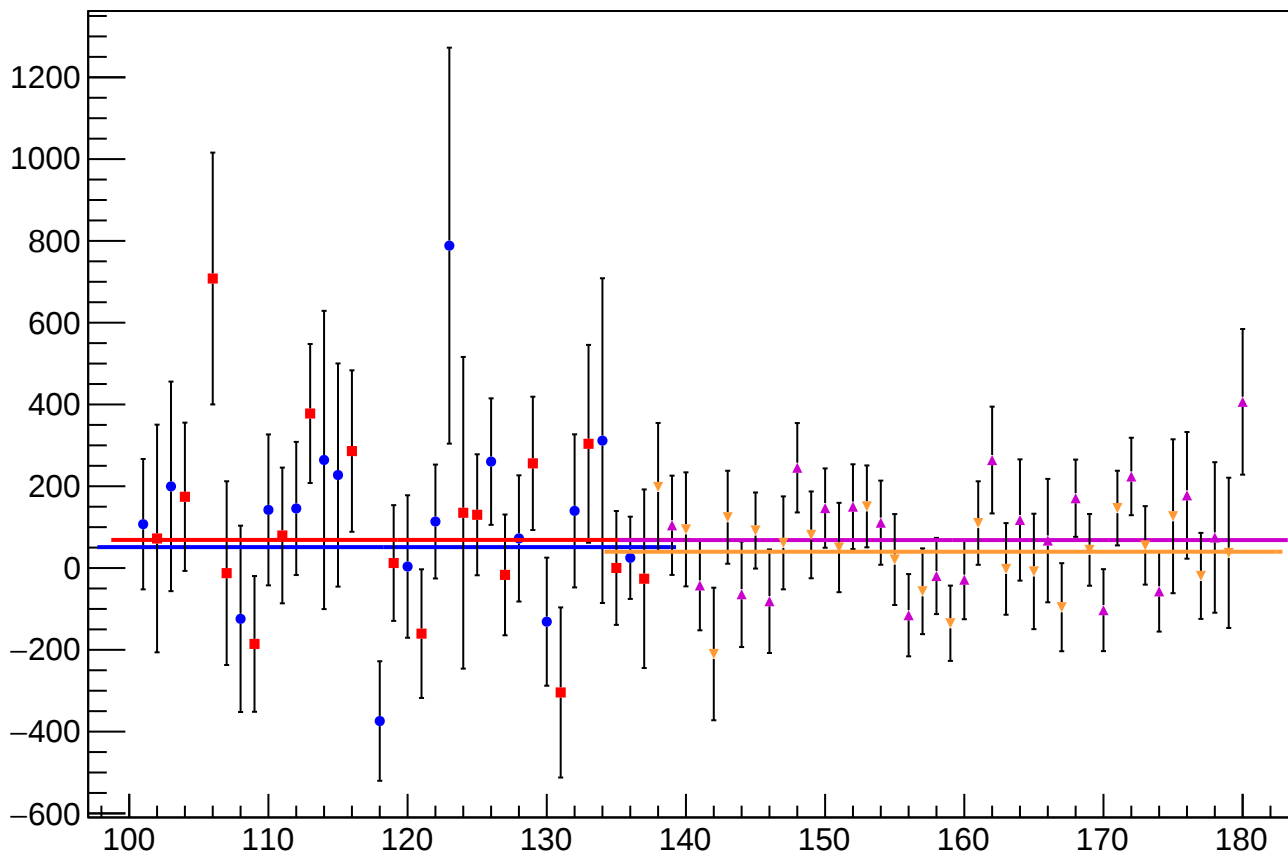
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.579+/-0.057 χ^2/NDF : 2745899.1/37

Out: 380.996+/-0.057 χ^2/NDF : 2866854.6/39

All: 378.277+/-0.040 χ^2/NDF : 5617262.4/77

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: 39.869 $\pm$ 23.691 χ^2 /NDF:14.6/21

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 68.370 $\pm$ 24.625 χ^2 /NDF:27.7/20

Left: 53.569 $\pm$ 17.073 χ^2 /NDF: 43.0/42

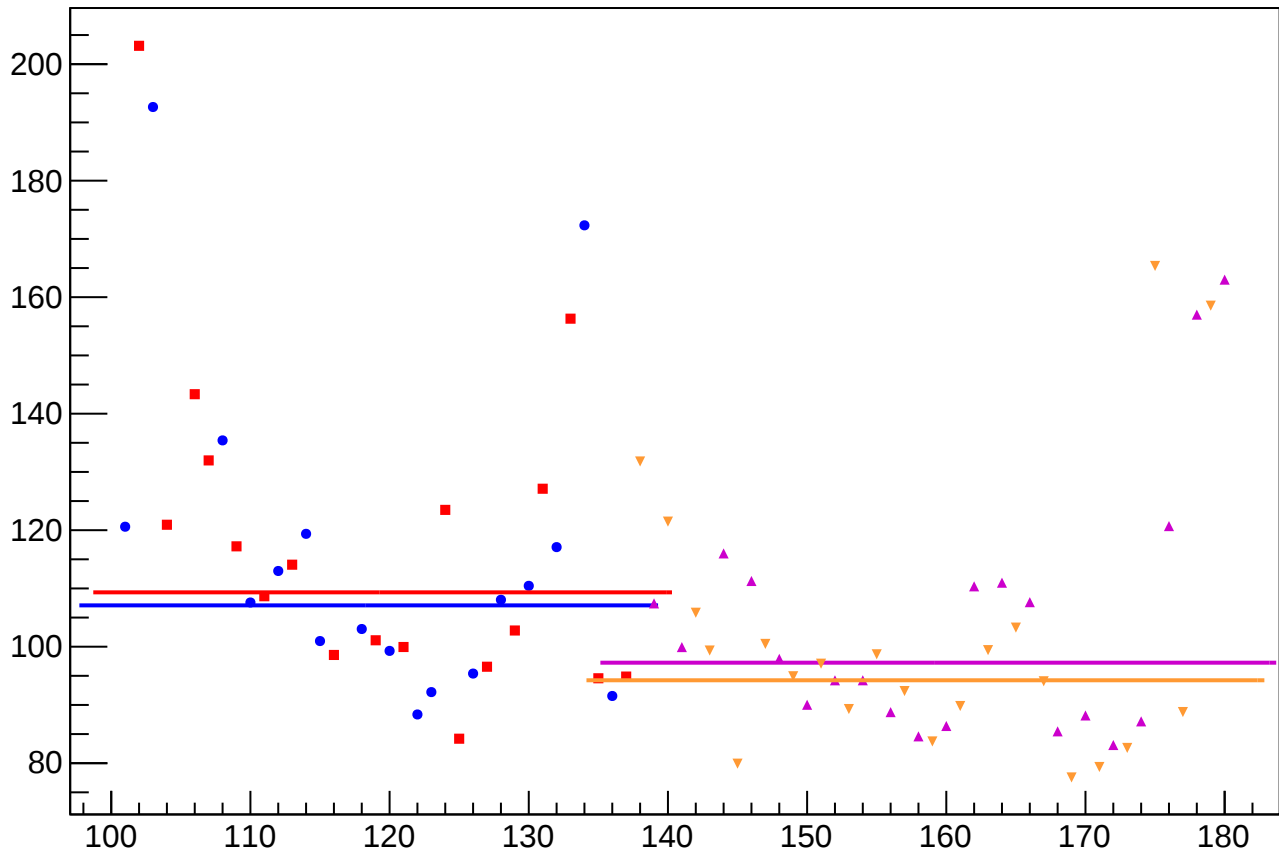
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 64.033 $\pm$ 21.296 χ^2 /NDF:45.2/37

Out: 46.649 $\pm$ 20.728 χ^2 /NDF:35.3/39

All: 55.106 $\pm$ 14.854 χ^2 /NDF: 80.9/77

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 94.235 $\pm$ 0.017 χ^2/NDF :1002533.7/21

Right Out: 109.329 $\pm$ 0.030 χ^2/NDF : 506023.6/17

Left In: 97.254 $\pm$ 0.017 χ^2/NDF :861904.4/20

Left: 95.686 $\pm$ 0.012 χ^2/NDF : 1880053.6/42

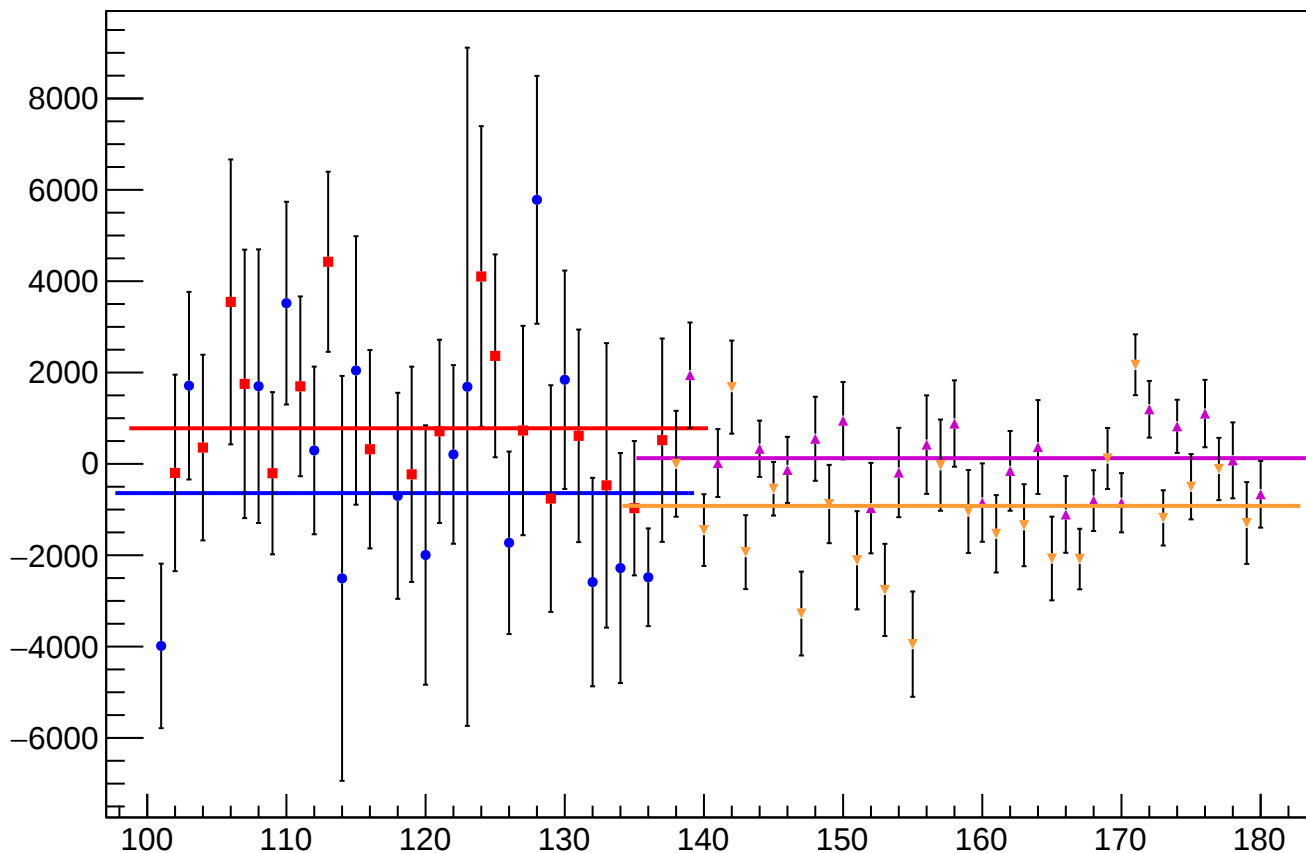
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 99.735 $\pm$ 0.015 χ^2/NDF :1380155.7/37

Out: 97.775 $\pm$ 0.015 χ^2/NDF :1698947.1/39

All: 98.728 $\pm$ 0.011 χ^2/NDF : 3087801.6/77

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2/NDF : 21.8/16

Left Out: -918.800 $\pm$ 171.993 χ^2/NDF : 59.9/21

Right Out: 779.450 $\pm$ 516.450 χ^2/NDF : 8.8/17

Left In: 125.340 $\pm$ 171.216 χ^2/NDF : 21.1/20

Left: -394.365 $\pm$ 121.342 χ^2/NDF : 99.5/42

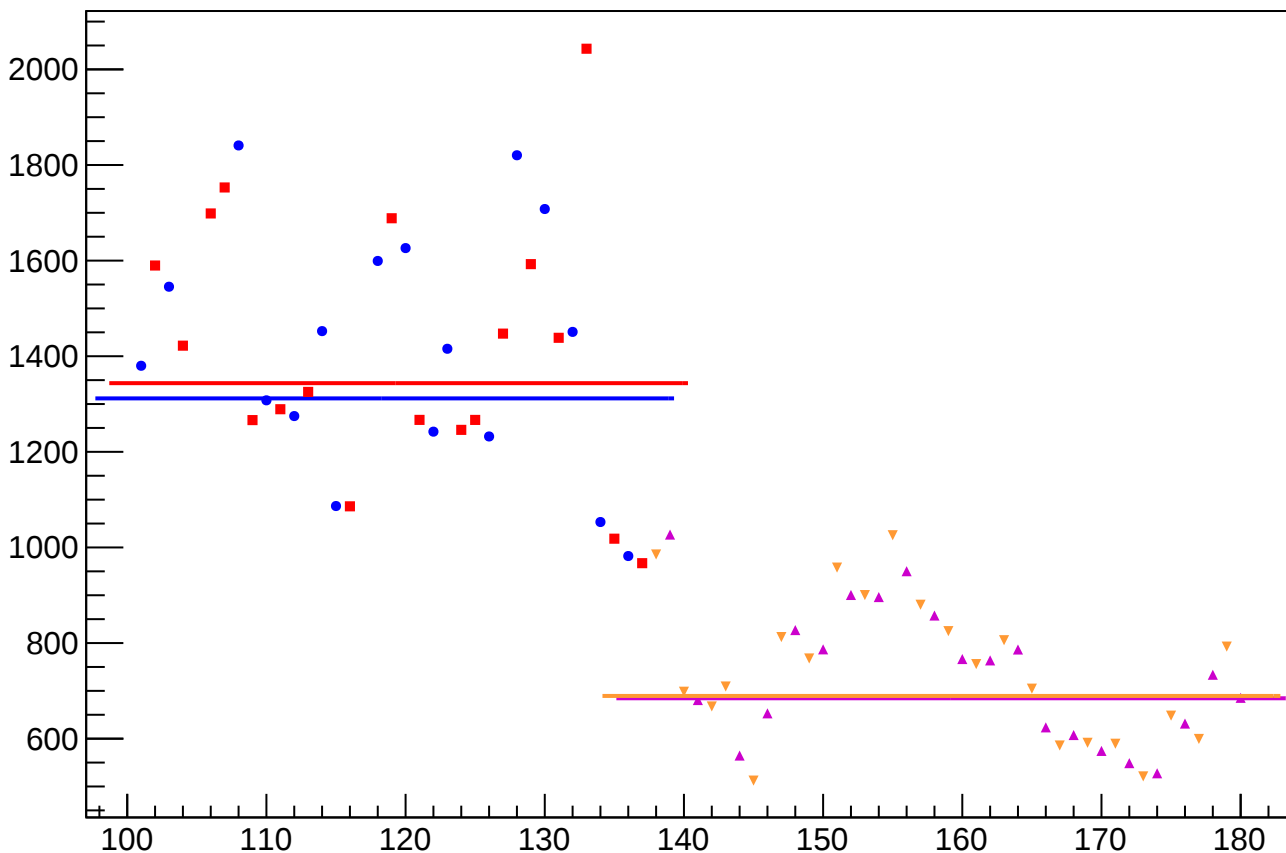
Right: 73.635 $\pm$ 366.171 χ^2/NDF : 34.4/34

In: 50.302 $\pm$ 162.604 χ^2/NDF : 44.8/37

Out: -749.254 $\pm$ 163.182 χ^2/NDF : 78.4/39

All: -348.058 $\pm$ 115.182 χ^2/NDF : 135.3/77

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: 689.394 $\pm$ 0.122 χ^2 /NDF:1273598.5/21

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 684.494 $\pm$ 0.121 χ^2 /NDF:1118676.6/20

Left: 686.933 $\pm$ 0.086 χ^2 /NDF: 2393090.4/42

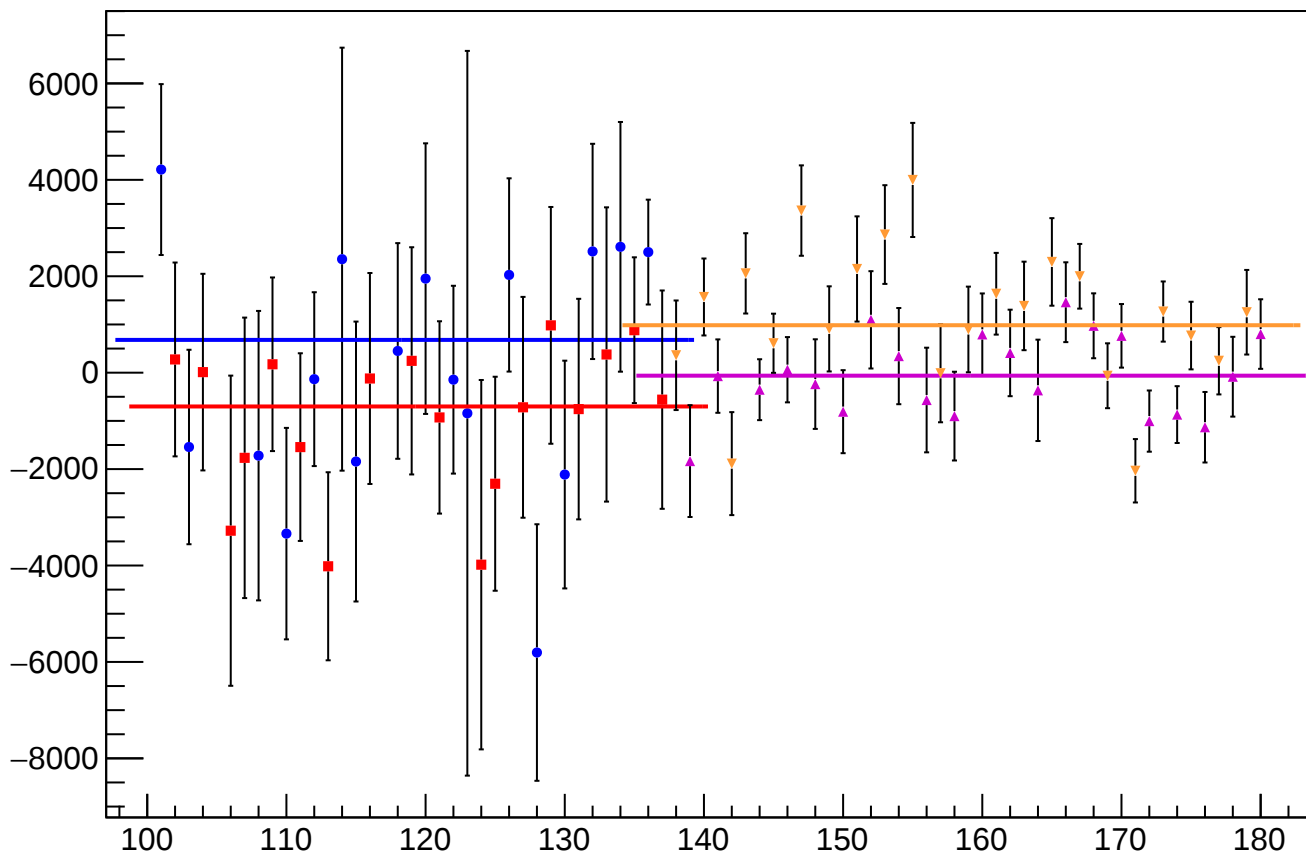
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 746.010 $\pm$ 0.115 χ^2 /NDF:4264092.4/37

Out: 754.713 $\pm$ 0.115 χ^2 /NDF:4623973.9/39

All: 750.346 $\pm$ 0.081 χ^2 /NDF: 8890920.8/77

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 984.302 $\pm$ 174.163 χ^2 /NDF:58.7/21

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -62.230 $\pm$ 172.032 χ^2 /NDF:22.2/20

Left: 454.593 $\pm$ 122.391 χ^2 /NDF: 99.2/42

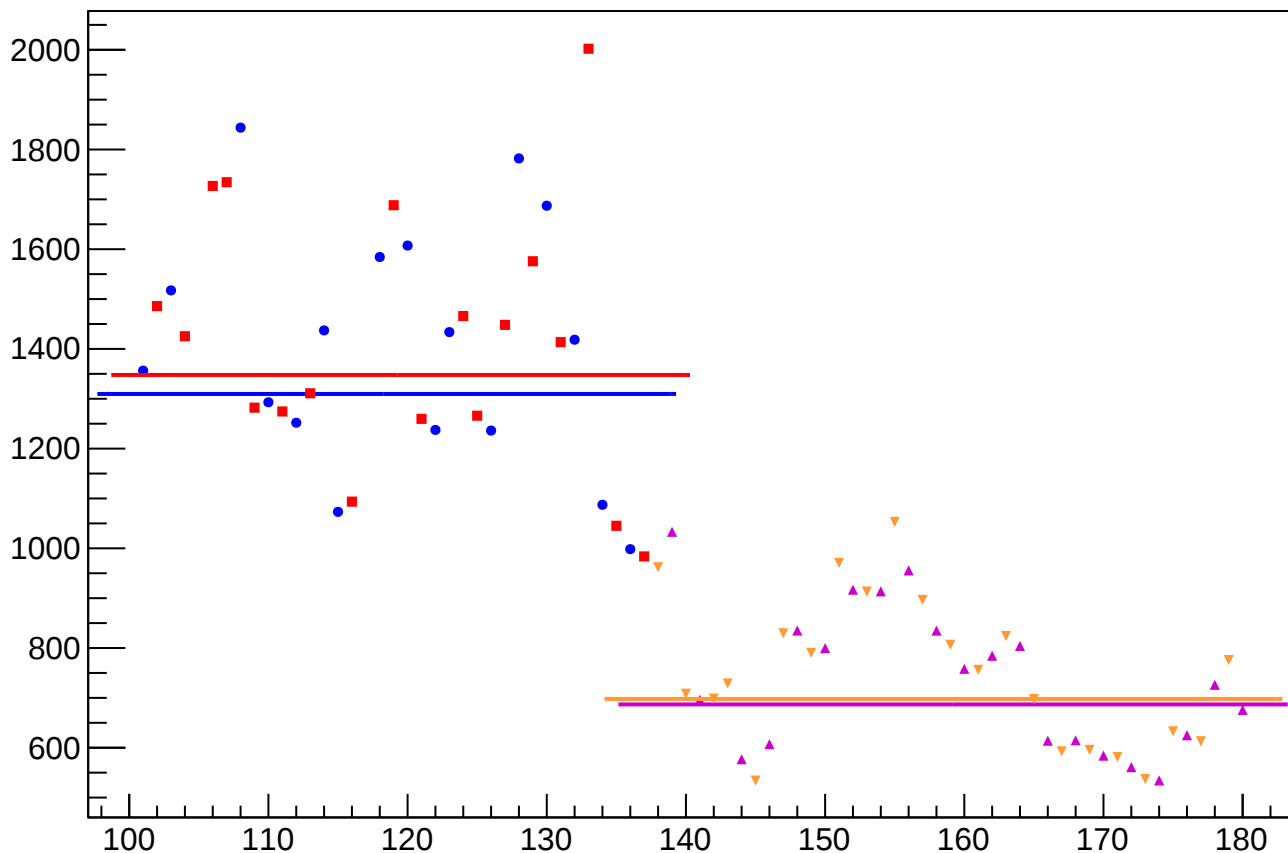
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 11.621 $\pm$ 163.248 χ^2 /NDF:46.6/37

Out: 812.738 $\pm$ 165.060 χ^2 /NDF:75.9/39

All: 407.759 $\pm$ 116.069 χ^2 /NDF: 134.4/77

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 697.918 $\pm$ 0.123 χ^2 /NDF: 1215116.9/21

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.876 $\pm$ 0.122 χ^2 /NDF: 1115317.7/20

Left: 692.329 $\pm$ 0.087 χ^2 /NDF: 2334503.4/42

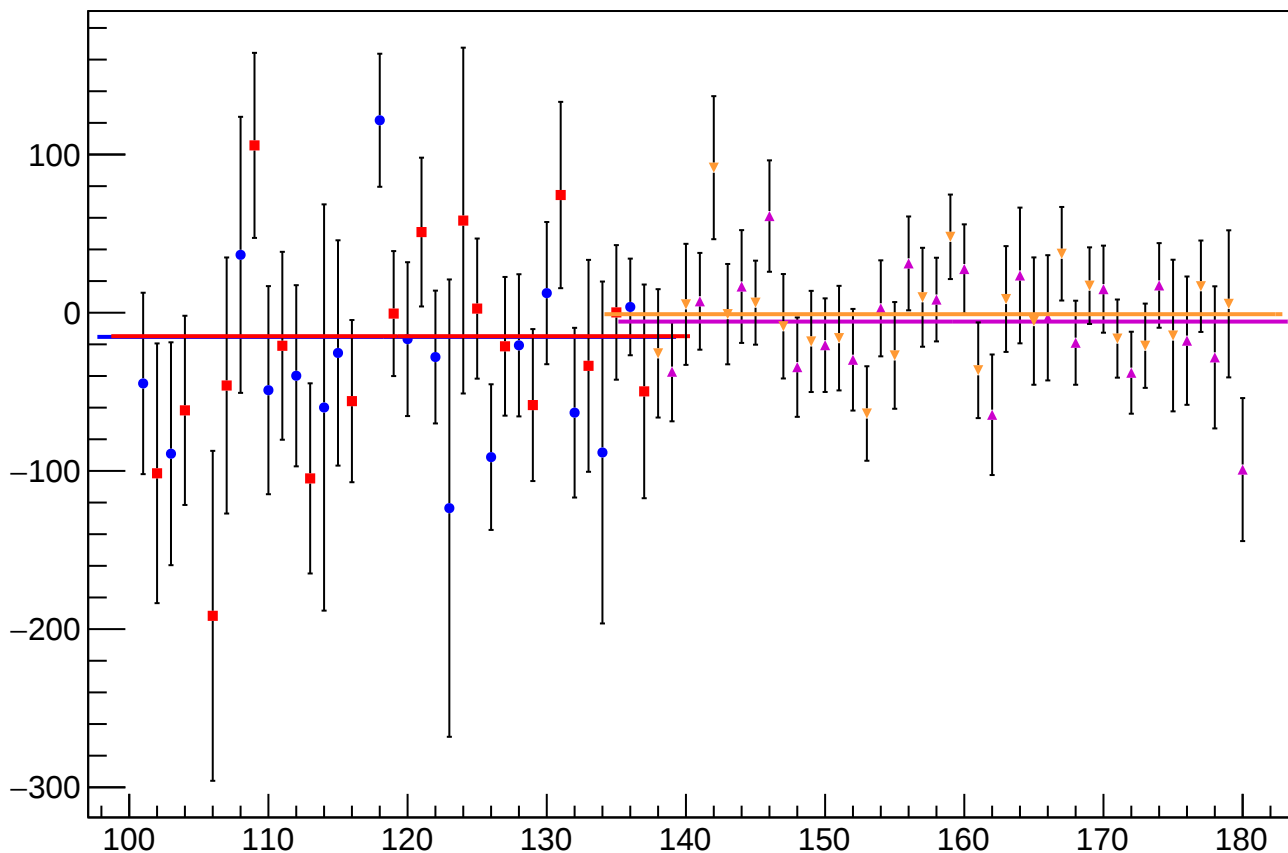
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 748.848 $\pm$ 0.115 χ^2 /NDF: 4182837.8/37

Out: 764.075 $\pm$ 0.117 χ^2 /NDF: 4455177.1/39

All: 756.378 $\pm$ 0.082 χ^2 /NDF: 8646619.1/77

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.935 ± 6.738 χ^2/NDF : 18.8/21

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -5.612 ± 6.934 χ^2/NDF : 20.7/20

Left: -3.206 ± 4.832 χ^2/NDF : 39.7/42

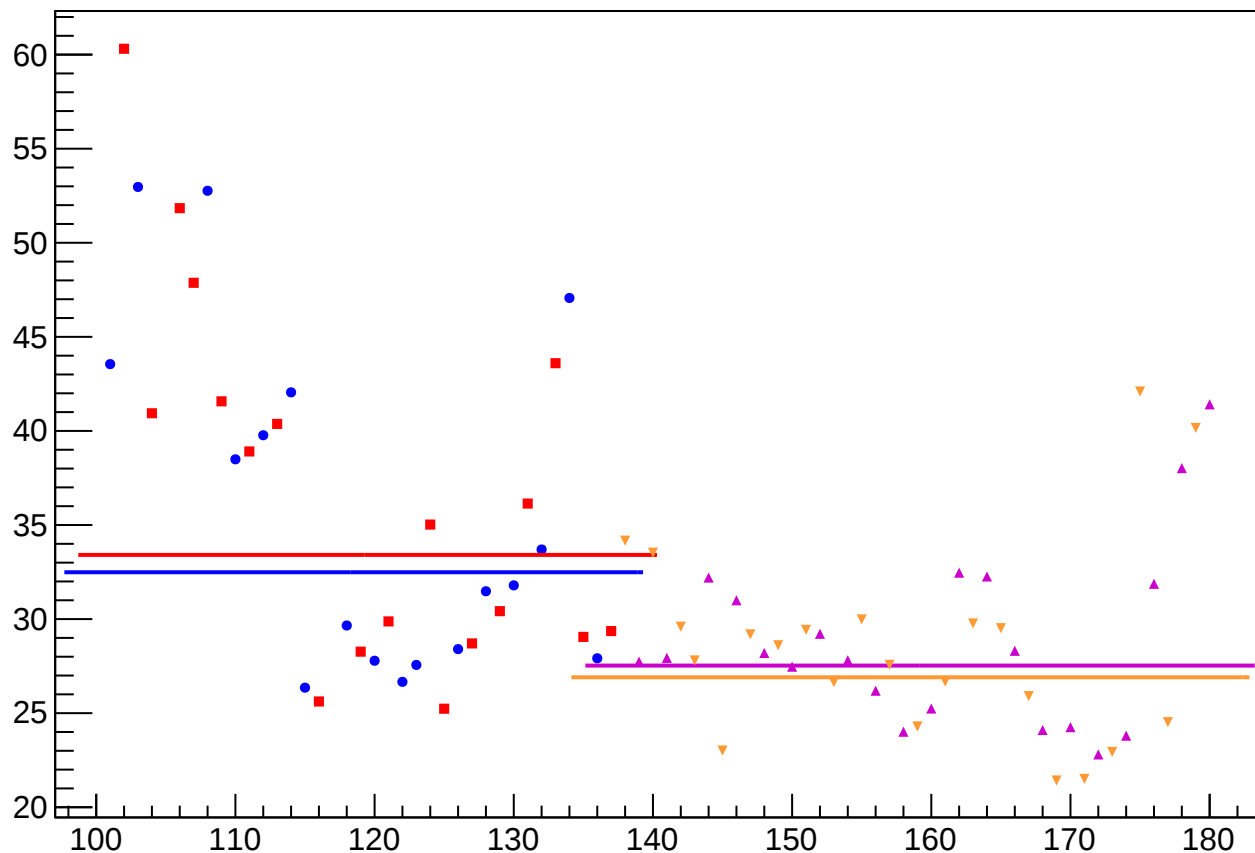
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.777 ± 6.109 χ^2/NDF : 39.4/37

Out: -3.845 ± 5.992 χ^2/NDF : 37.9/39

All: -5.773 ± 4.277 χ^2/NDF : 77.5/77

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.907 $\pm$ 0.005 χ^2 /NDF: 884311.1/21

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.529 $\pm$ 0.005 χ^2 /NDF: 659782.4/20

Left: 27.209 $\pm$ 0.003 χ^2 /NDF: 1552361.2/42

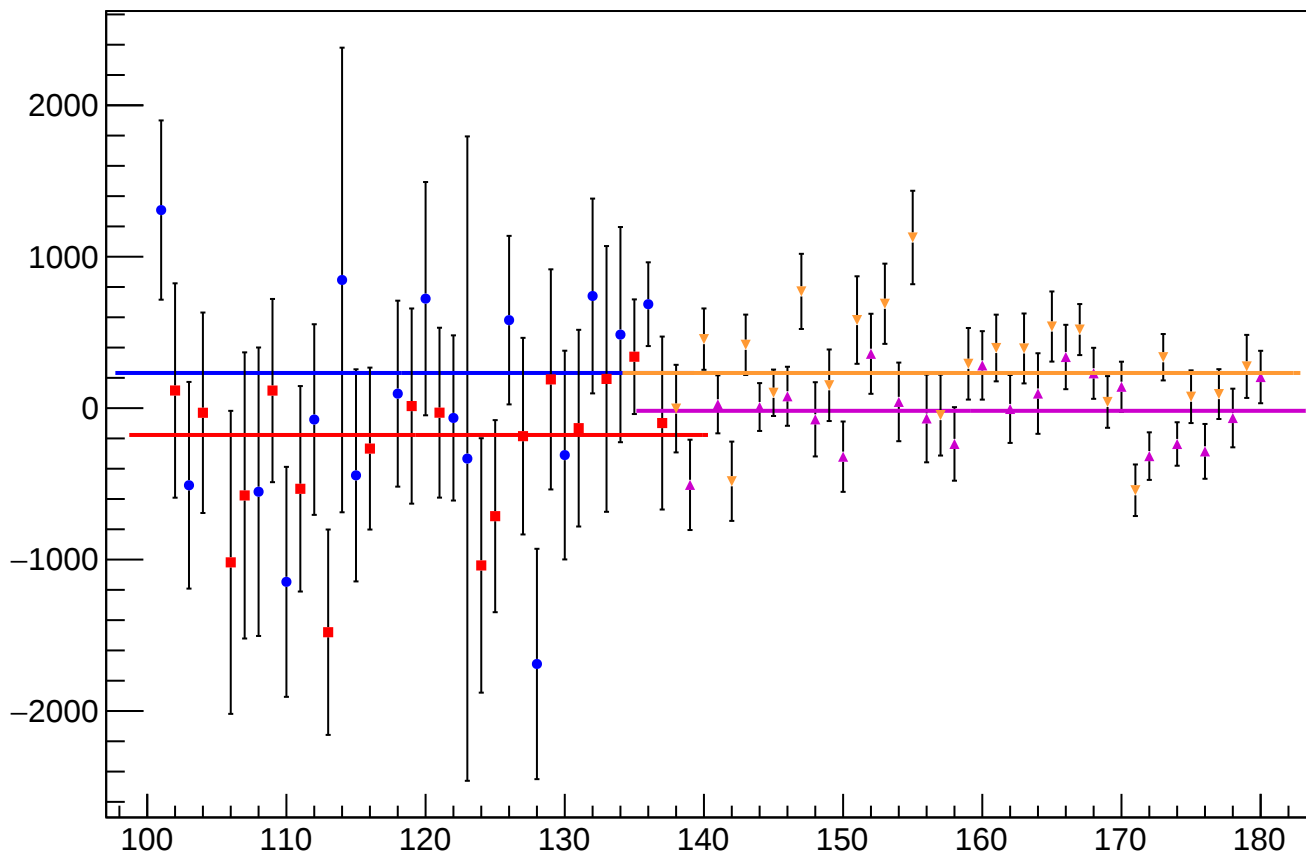
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 28.640 $\pm$ 0.004 χ^2 /NDF: 1483496.7/37

Out: 28.268 $\pm$ 0.004 χ^2 /NDF: 1999494.2/39

All: 28.450 $\pm$ 0.003 χ^2 /NDF: 3486762.5/77

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 232.233 $\pm$ 43.888 χ^2 /NDF:59.4/21

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -17.661 $\pm$ 43.636 χ^2 /NDF:25.4/20

Left: 106.566 $\pm$ 30.944 χ^2 /NDF: 101.1/42

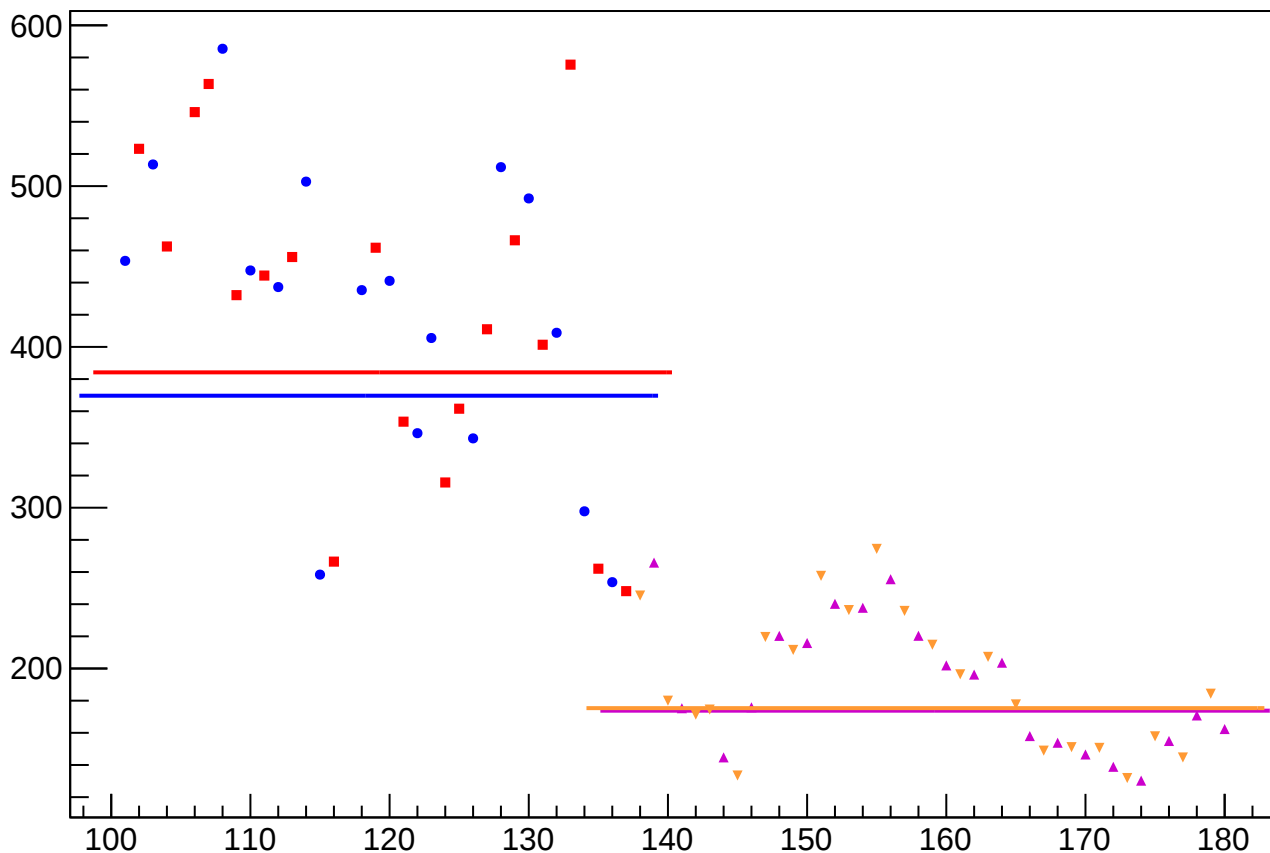
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 2.183 $\pm$ 41.869 χ^2 /NDF:49.4/37

Out: 199.951 $\pm$ 42.122 χ^2 /NDF:75.9/39

All: 100.469 $\pm$ 29.695 χ^2 /NDF: 136.4/77

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 175.349 $\pm$ 0.031 χ^2 /NDF:1453820.2/21

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 173.778 $\pm$ 0.031 χ^2 /NDF:1359931.1/20

Left: 174.559 $\pm$ 0.022 χ^2 /NDF: 2815039.9/42

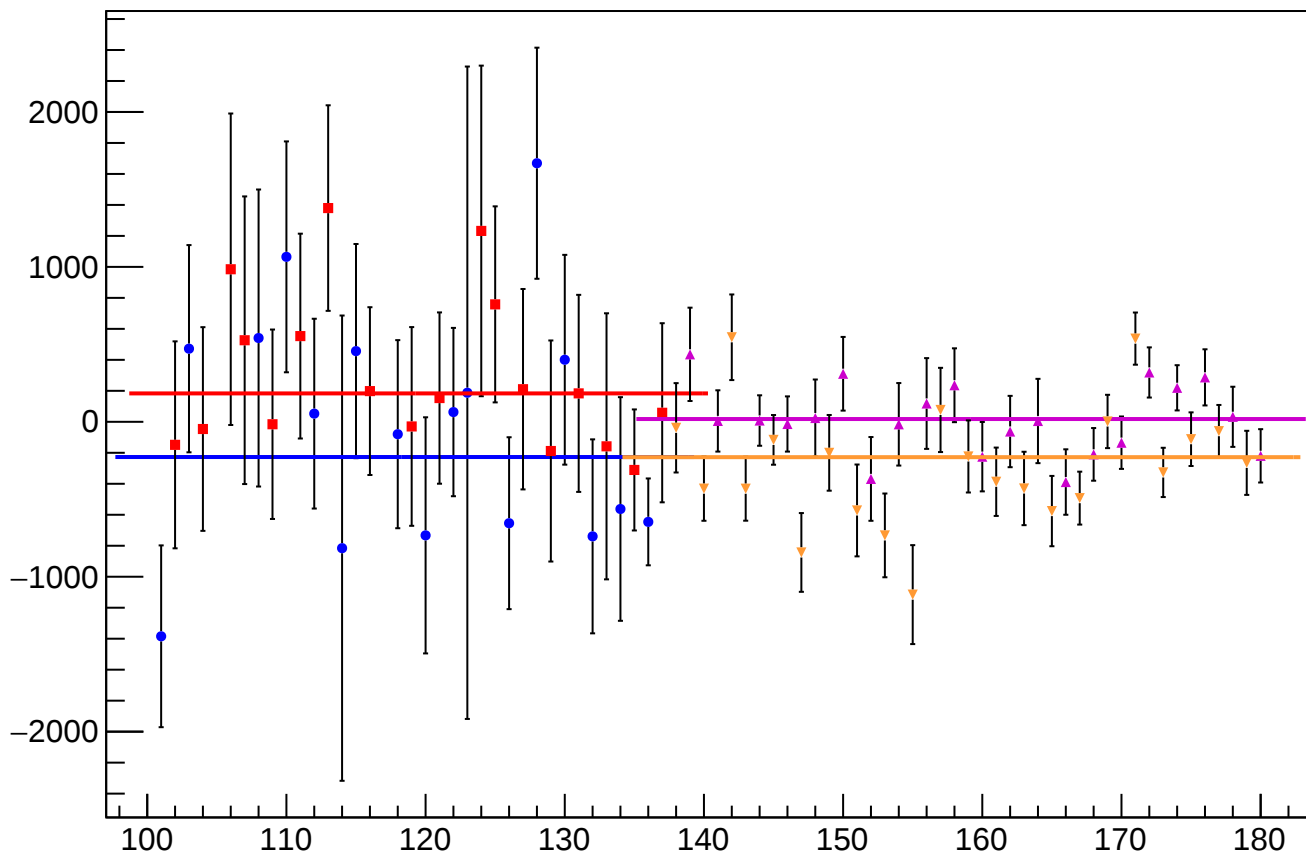
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 189.326 $\pm$ 0.030 χ^2 /NDF:5461419.0/37

Out: 191.816 $\pm$ 0.030 χ^2 /NDF:5899170.0/39

All: 190.563 $\pm$ 0.021 χ^2 /NDF: 11364103.7/77

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -228.236 ± 44.627 $\chi^2/\text{NDF}: 60.7/21$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 17.974 ± 43.990 $\chi^2/\text{NDF}: 23.6/20$

Left: -103.360 ± 31.328 $\chi^2/\text{NDF}: 99.7/42$

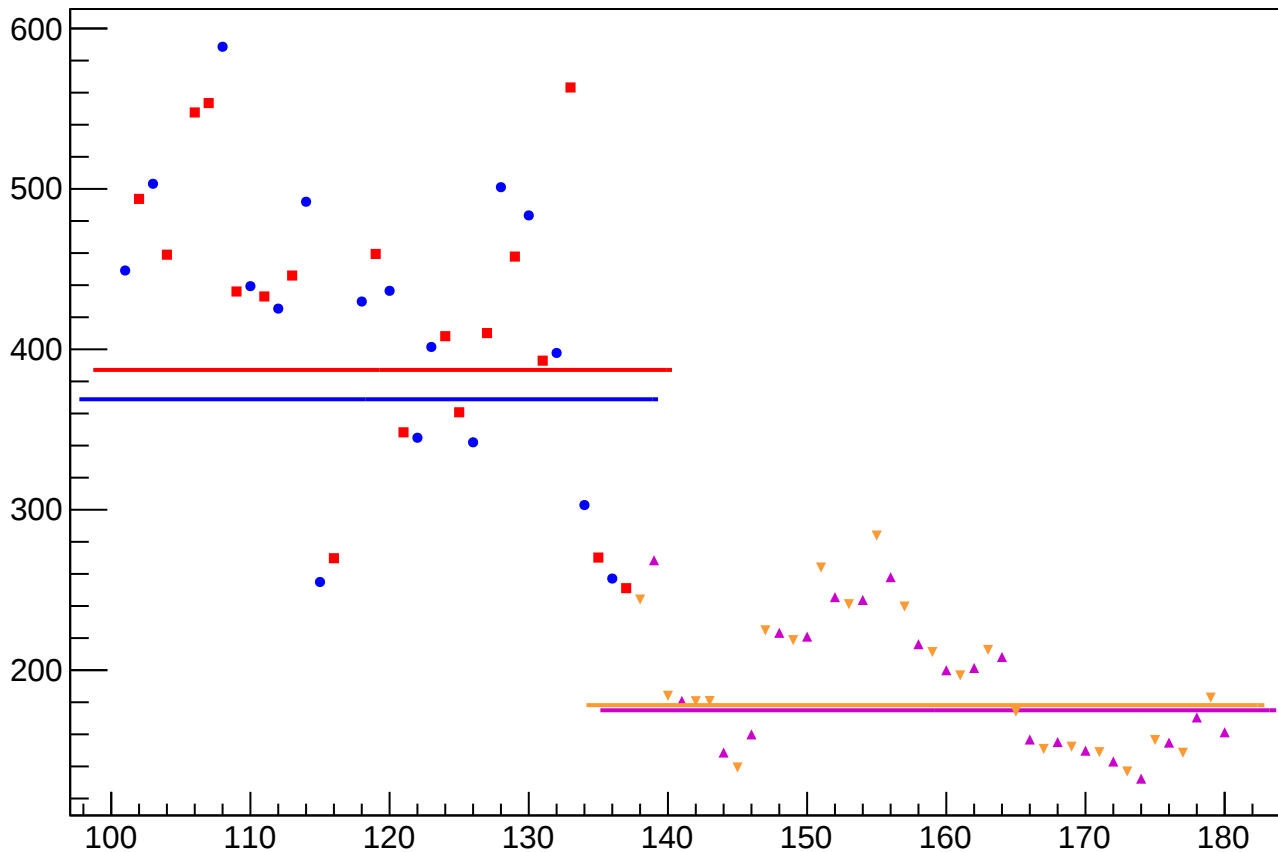
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -1.953 ± 42.165 $\chi^2/\text{NDF}: 47.9/37$

Out: -194.968 ± 42.786 $\chi^2/\text{NDF}: 76.3/39$

All: -97.051 ± 30.032 $\chi^2/\text{NDF}: 134.6/77$

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: 178.211 $\pm$ 0.032 χ^2/NDF :1426963.2/21

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 174.990 $\pm$ 0.031 χ^2/NDF :1354798.1/20

Left: 176.578 $\pm$ 0.022 χ^2/NDF : 2787045.2/42

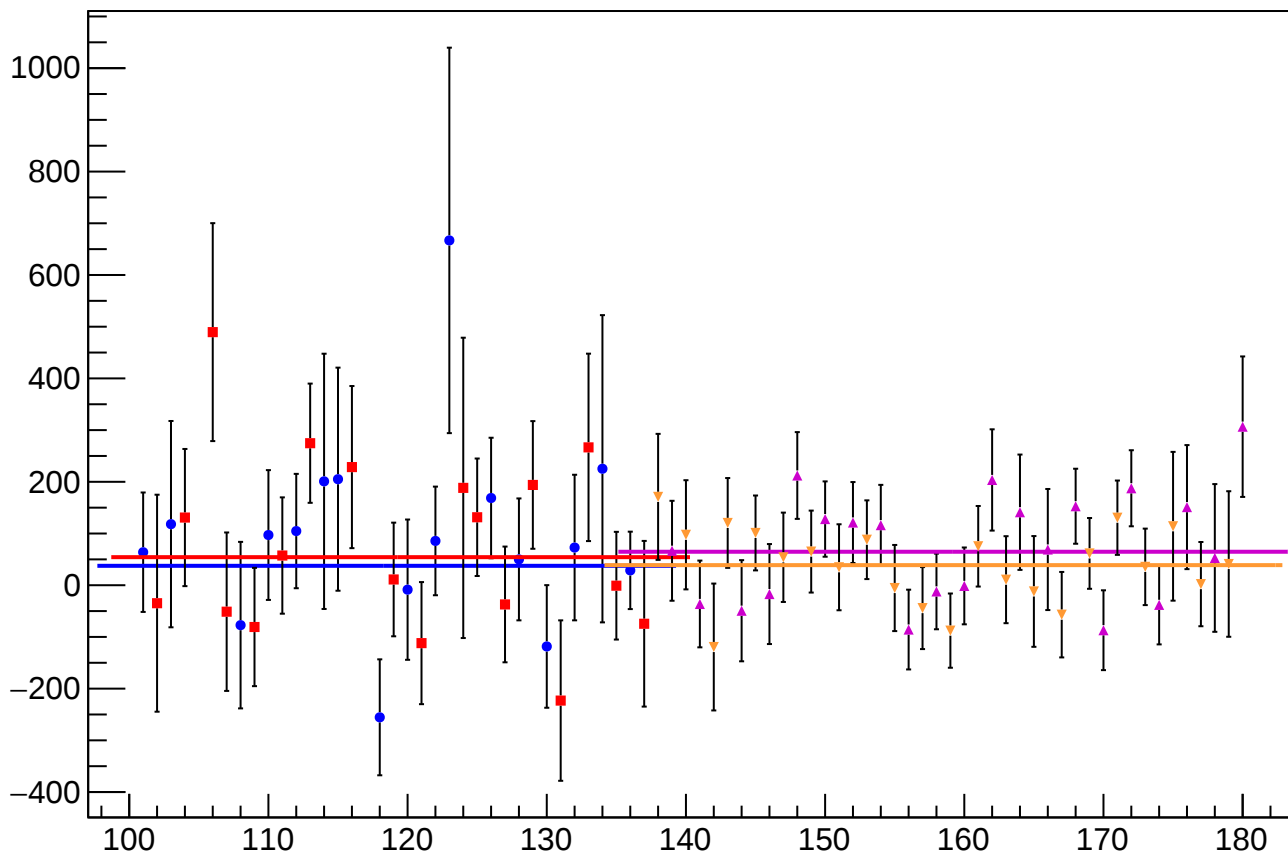
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 190.743 $\pm$ 0.030 χ^2/NDF :5340930.1/37

Out: 195.102 $\pm$ 0.030 χ^2/NDF :5729361.6/39

All: 192.891 $\pm$ 0.021 χ^2/NDF : 11080823.8/77

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: 38.853 $\pm$ 18.157 χ^2 /NDF:13.9/21

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 64.736 $\pm$ 18.901 χ^2 /NDF:30.1/20

Left: 51.275 $\pm$ 13.094 χ^2 /NDF: 45.0/42

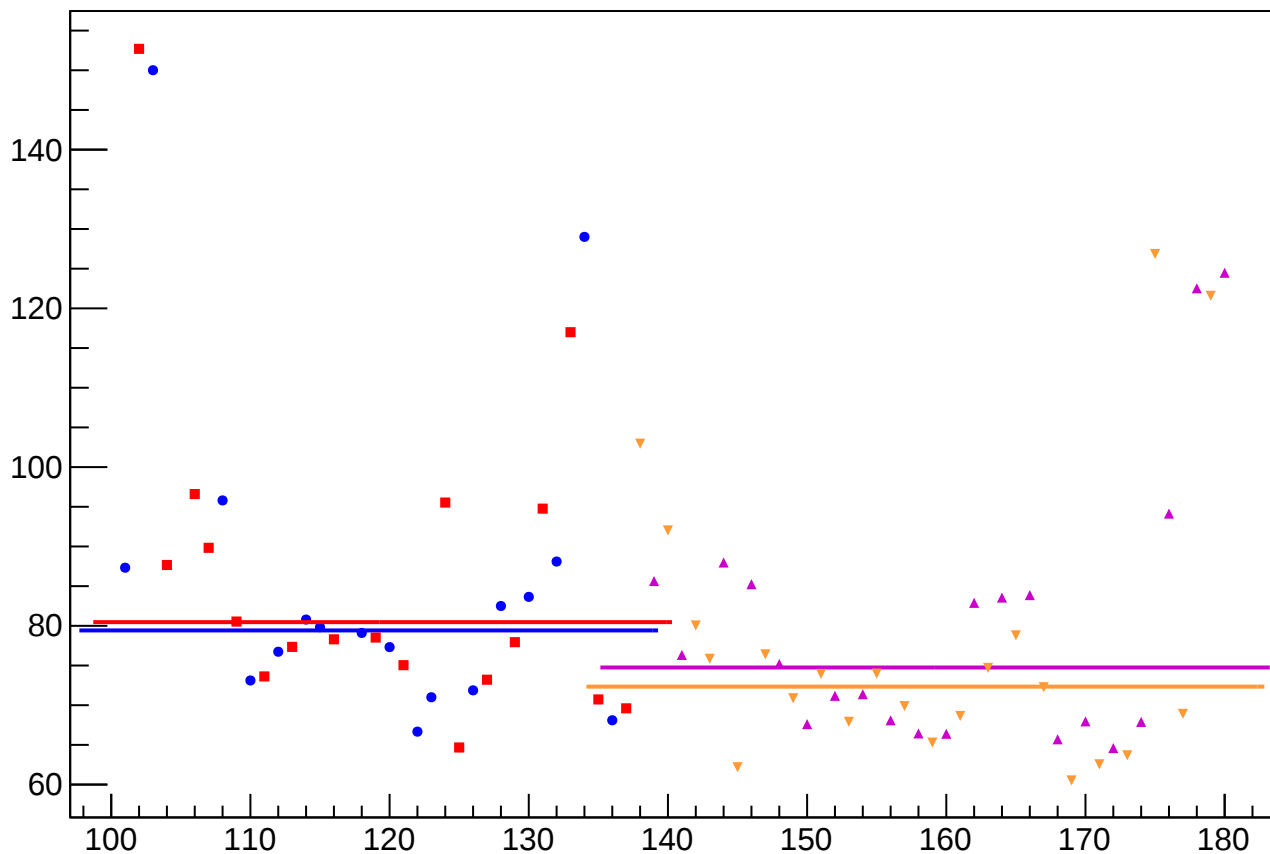
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 57.522 $\pm$ 16.202 χ^2 /NDF:46.5/37

Out: 42.700 $\pm$ 15.730 χ^2 /NDF:35.9/39

All: 49.892 $\pm$ 11.286 χ^2 /NDF: 82.9/77

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: 72.340 $\pm$ 0.013 χ^2 /NDF: 953666.4/21

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 74.751 $\pm$ 0.013 χ^2 /NDF: 862672.5/20

Left: 73.497 $\pm$ 0.009 χ^2 /NDF: 1833265.8/42

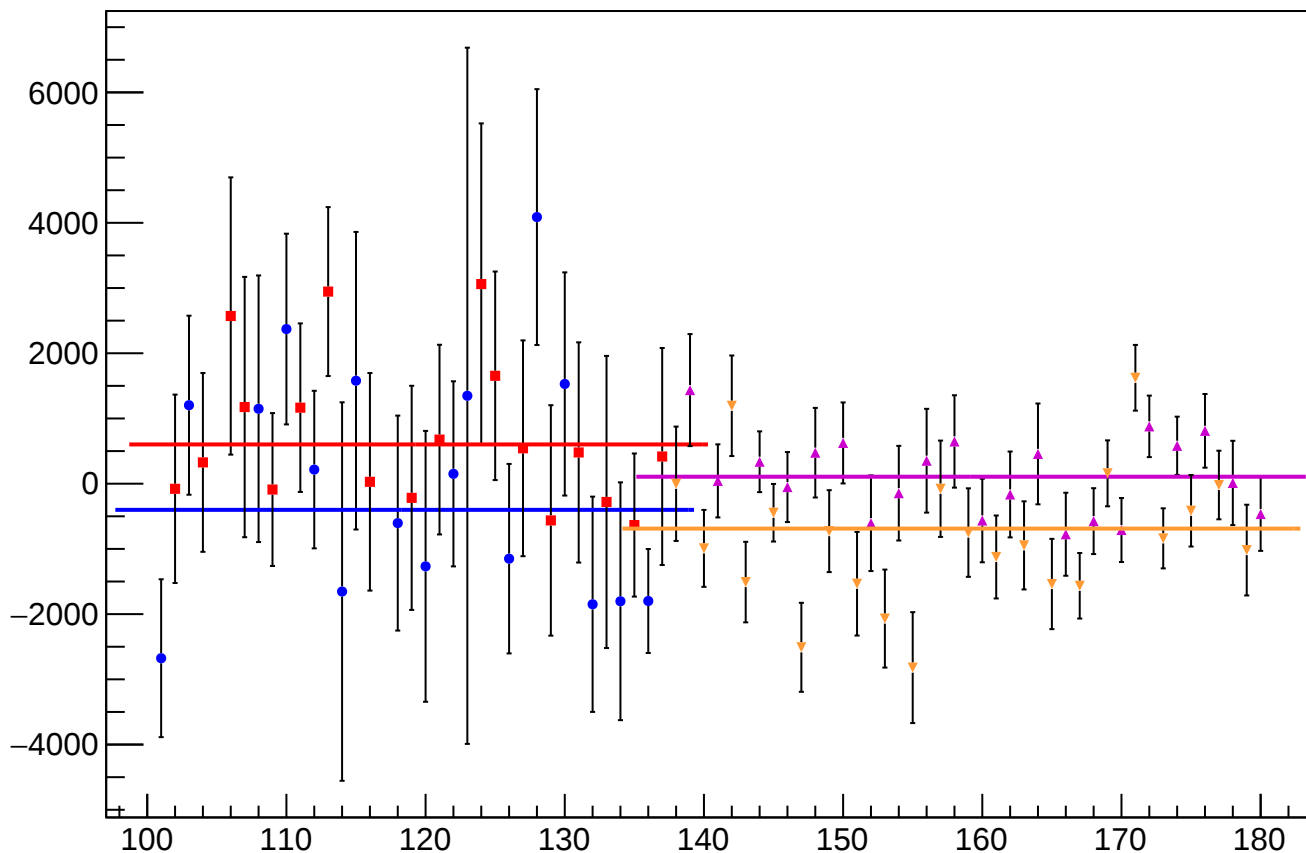
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 75.990 $\pm$ 0.011 χ^2 /NDF: 1334104.5/37

Out: 74.367 $\pm$ 0.011 χ^2 /NDF: 1507981.9/39

All: 75.155 $\pm$ 0.008 χ^2 /NDF: 2852409.5/77

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 $\chi^2/\text{NDF}: 21.9/16$

Left Out: -688.304 ± 129.841 $\chi^2/\text{NDF}: 58.7/21$

Right Out: 601.891 ± 363.668 $\chi^2/\text{NDF}: 8.7/17$

Left In: 106.874 ± 129.327 $\chi^2/\text{NDF}: 19.9/20$

Left: -289.137 ± 91.629 $\chi^2/\text{NDF}: 97.4/42$

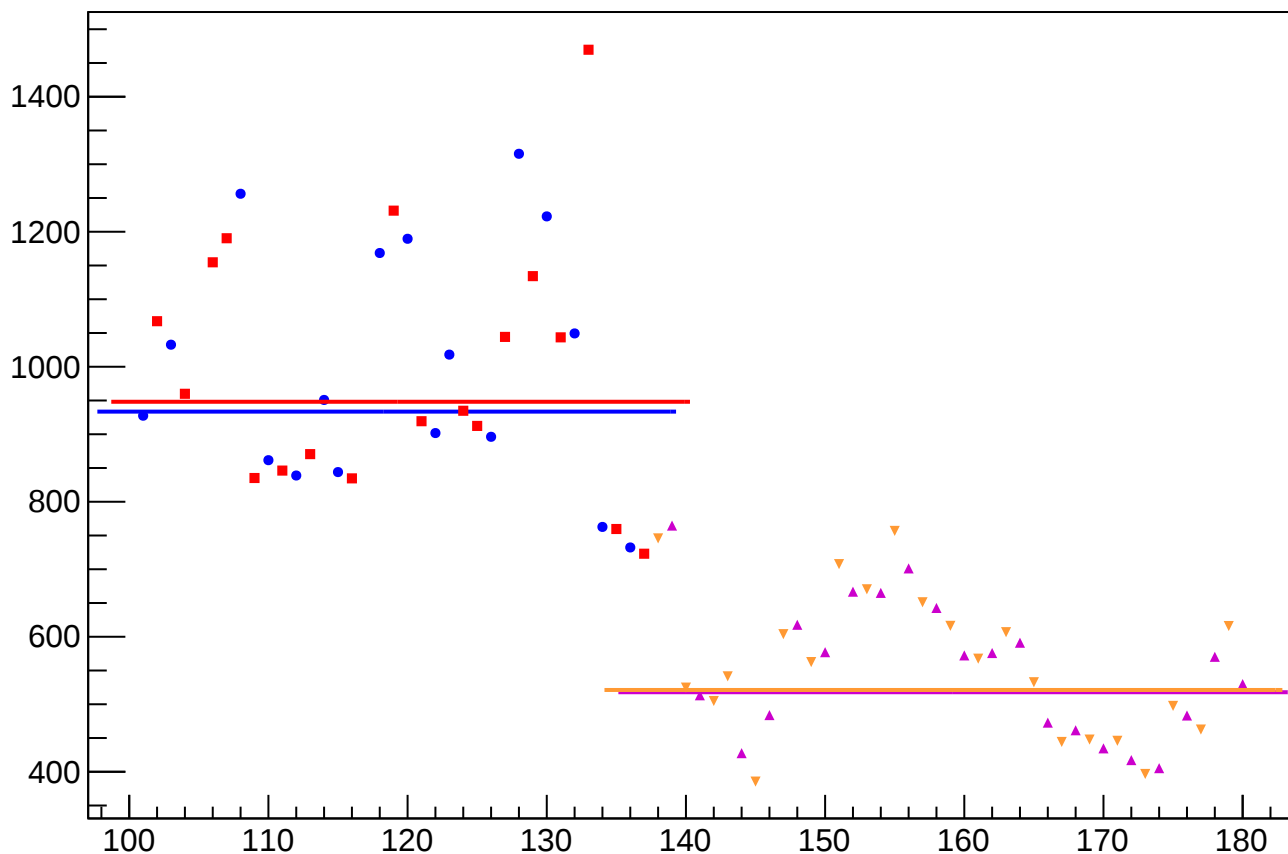
Right: 107.014 ± 258.836 $\chi^2/\text{NDF}: 34.4/34$

In: 51.169 ± 122.029 $\chi^2/\text{NDF}: 43.5/37$

Out: -542.434 ± 122.281 $\chi^2/\text{NDF}: 78.6/39$

All: -245.020 ± 86.377 $\chi^2/\text{NDF}: 133.9/77$

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 $\chi^2/\text{NDF}: 442321.9/16$

Left Out: 521.167 ± 0.092 $\chi^2/\text{NDF}: 1193694.6/21$

Right Out: 948.131 ± 0.257 $\chi^2/\text{NDF}: 405153.7/17$

Left In: 517.826 ± 0.091 $\chi^2/\text{NDF}: 1021868.9/20$

Left: 519.490 ± 0.065 $\chi^2/\text{NDF}: 2216228.3/42$

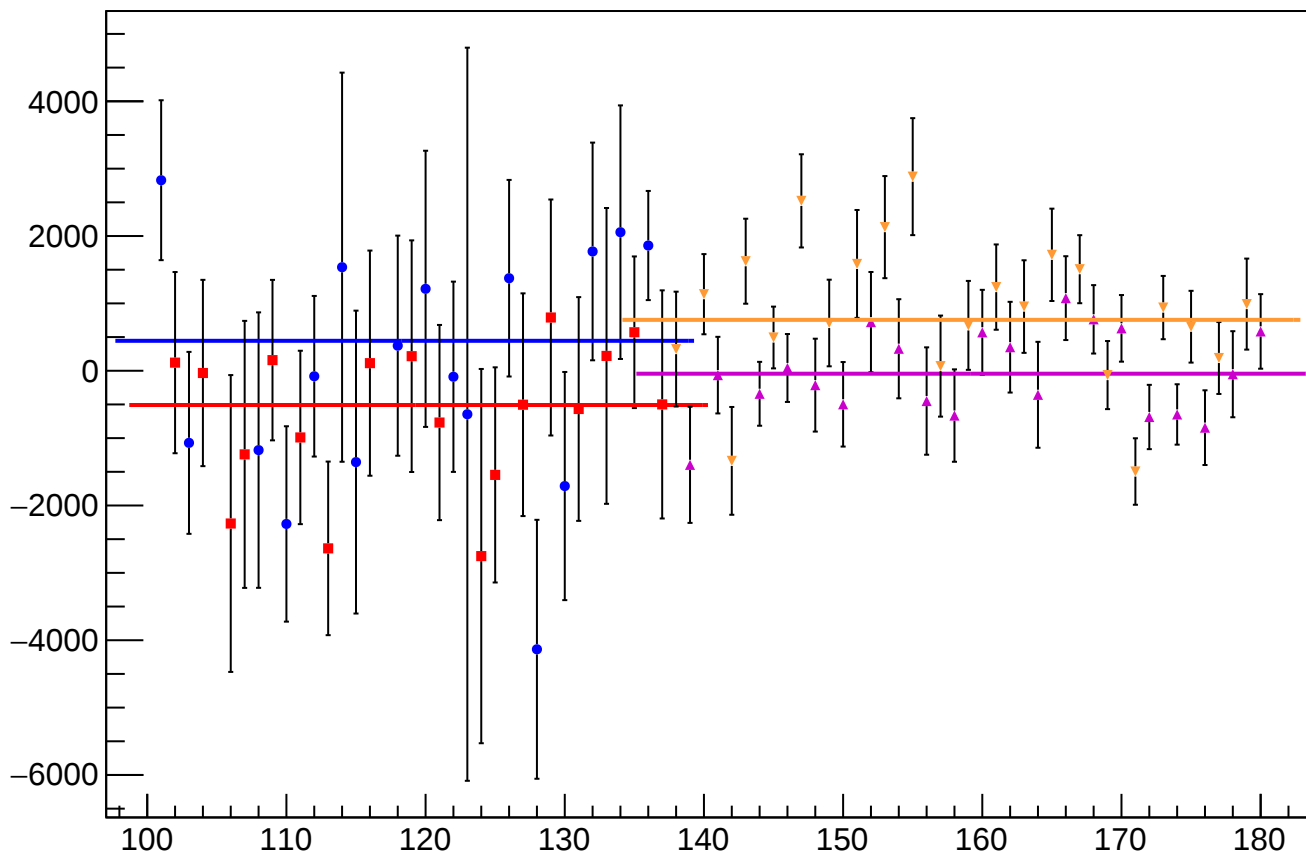
Right: 940.927 ± 0.183 $\chi^2/\text{NDF}: 849066.3/34$

In: 563.417 ± 0.086 $\chi^2/\text{NDF}: 3730513.5/37$

Out: 569.440 ± 0.086 $\chi^2/\text{NDF}: 4043954.0/39$

All: 566.422 ± 0.061 $\chi^2/\text{NDF}: 7776898.2/77$

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 755.693+/-130.538 χ^2/NDF : 57.2/21

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -43.739+/-129.053 χ^2/NDF : 22.0/20

Left: 351.403+/-91.775 χ^2/NDF : 98.2/42

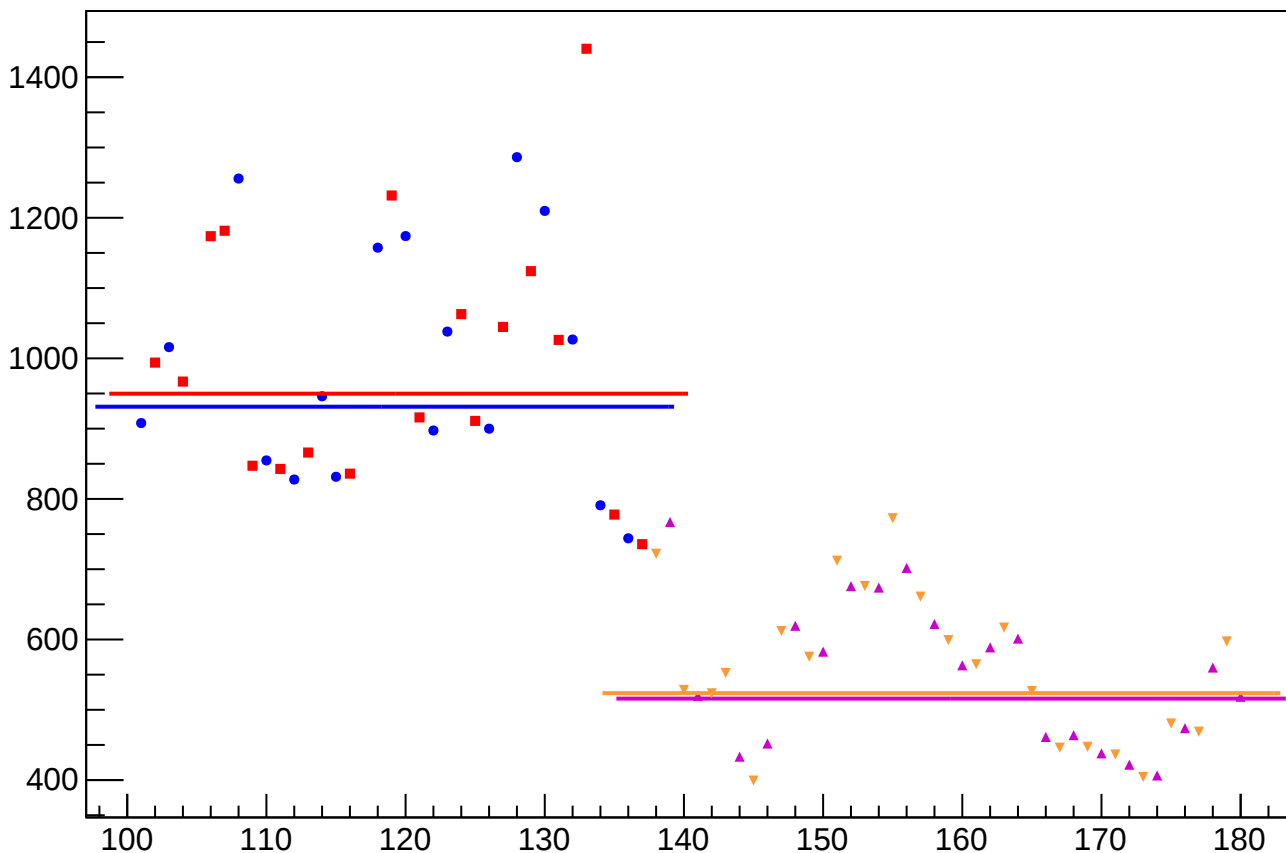
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 9.982+/-121.748 χ^2/NDF : 46.4/37

Out: 611.744+/-122.880 χ^2/NDF : 75.2/39

All: 308.080+/-86.486 χ^2/NDF : 133.7/77

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 523.729 $\pm$ 0.092 χ^2 /NDF:1142052.6/21

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 515.916 $\pm$ 0.091 χ^2 /NDF:1034489.6/20

Left: 519.778 $\pm$ 0.065 χ^2 /NDF: 2180165.1/42

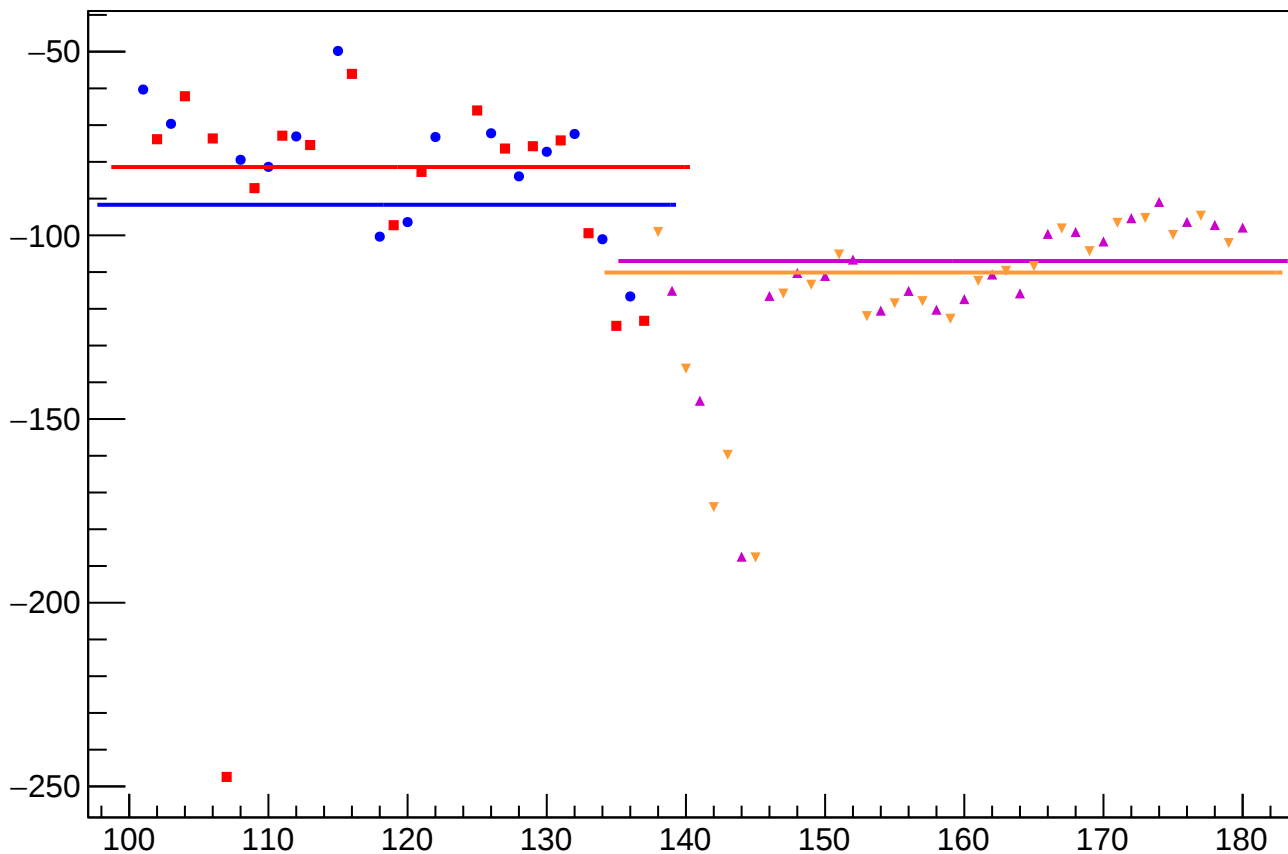
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 561.595 $\pm$ 0.086 χ^2 /NDF:3712727.6/37

Out: 572.248 $\pm$ 0.087 χ^2 /NDF:3933593.2/39

All: 566.872 $\pm$ 0.061 χ^2 /NDF: 7653907.0/77

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -110.121 ± 0.055 χ^2/NDF : 59479.8/21

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -106.992 ± 0.047 χ^2/NDF : 111084.6/20

Left: -108.323 ± 0.036 χ^2/NDF : 172451.4/42

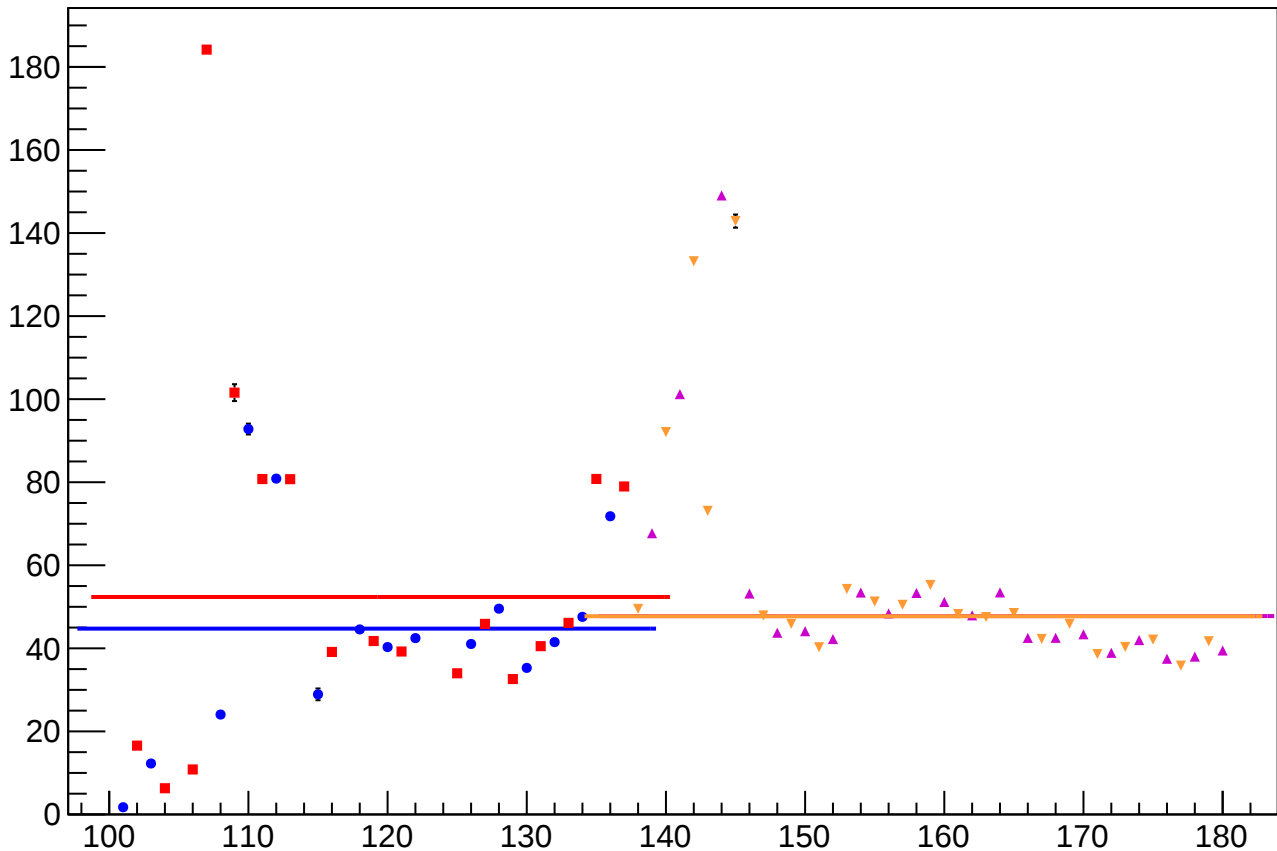
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.248 ± 0.039 χ^2/NDF : 208608.9/35

Out: -103.366 ± 0.048 χ^2/NDF : 166224.4/38

All: -102.696 ± 0.030 χ^2/NDF : 375161.6/74

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 47.732 $\pm$ 0.046 χ^2 /NDF:60440.5/21

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 47.771 $\pm$ 0.041 χ^2 /NDF:146705.5/20

Left: 47.754 $\pm$ 0.030 χ^2 /NDF: 207146.4/42

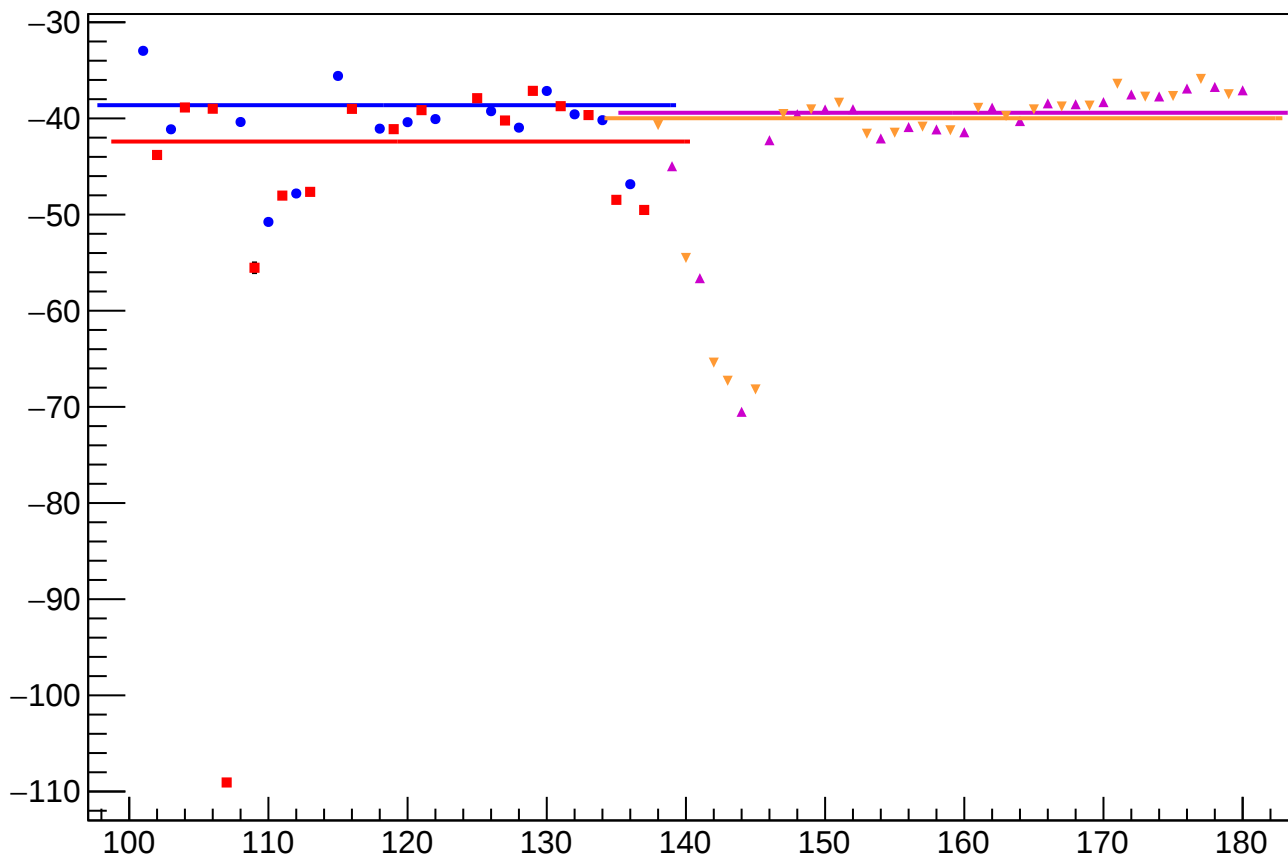
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 46.819 $\pm$ 0.034 χ^2 /NDF:233114.7/35

Out: 48.384 $\pm$ 0.042 χ^2 /NDF:131182.4/38

All: 47.434 $\pm$ 0.026 χ^2 /NDF: 365130.8/74

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -39.983 ± 0.007 χ^2/NDF : 248253.9/21

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -39.414 ± 0.007 χ^2/NDF : 217813.3/20

Left: -39.694 ± 0.005 χ^2/NDF : 469306.4/42

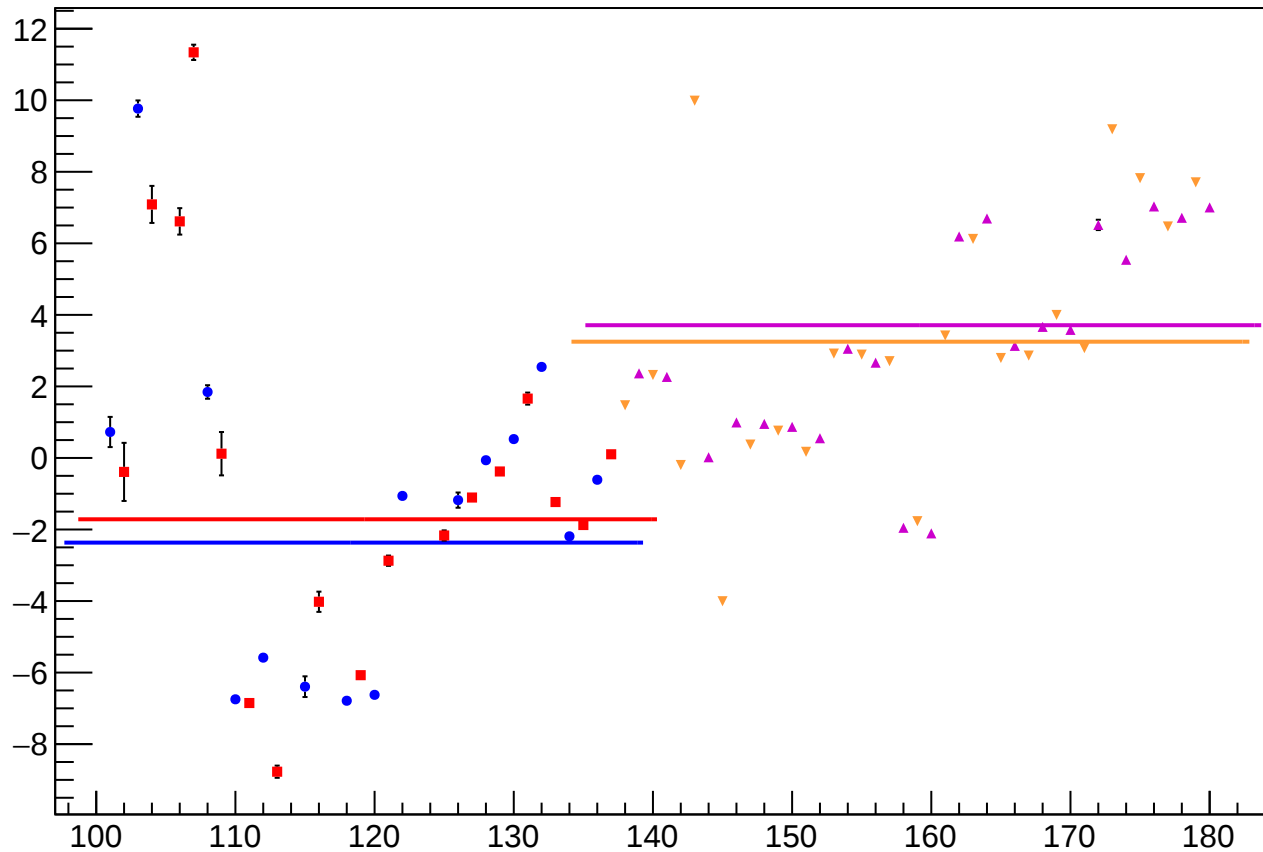
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.084 ± 0.005 χ^2/NDF : 463218.5/35

Out: -40.228 ± 0.007 χ^2/NDF : 529042.2/38

All: -39.524 ± 0.004 χ^2/NDF : 1009853.5/74

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 $\chi^2/\text{NDF}: 28797.3/14$

Left Out: 3.250 ± 0.007 $\chi^2/\text{NDF}: 152857.4/21$

Right Out: -1.715 ± 0.027 $\chi^2/\text{NDF}: 12719.3/16$

Left In: 3.711 ± 0.006 $\chi^2/\text{NDF}: 219865.1/20$

Left: 3.530 ± 0.005 $\chi^2/\text{NDF}: 375083.3/42$

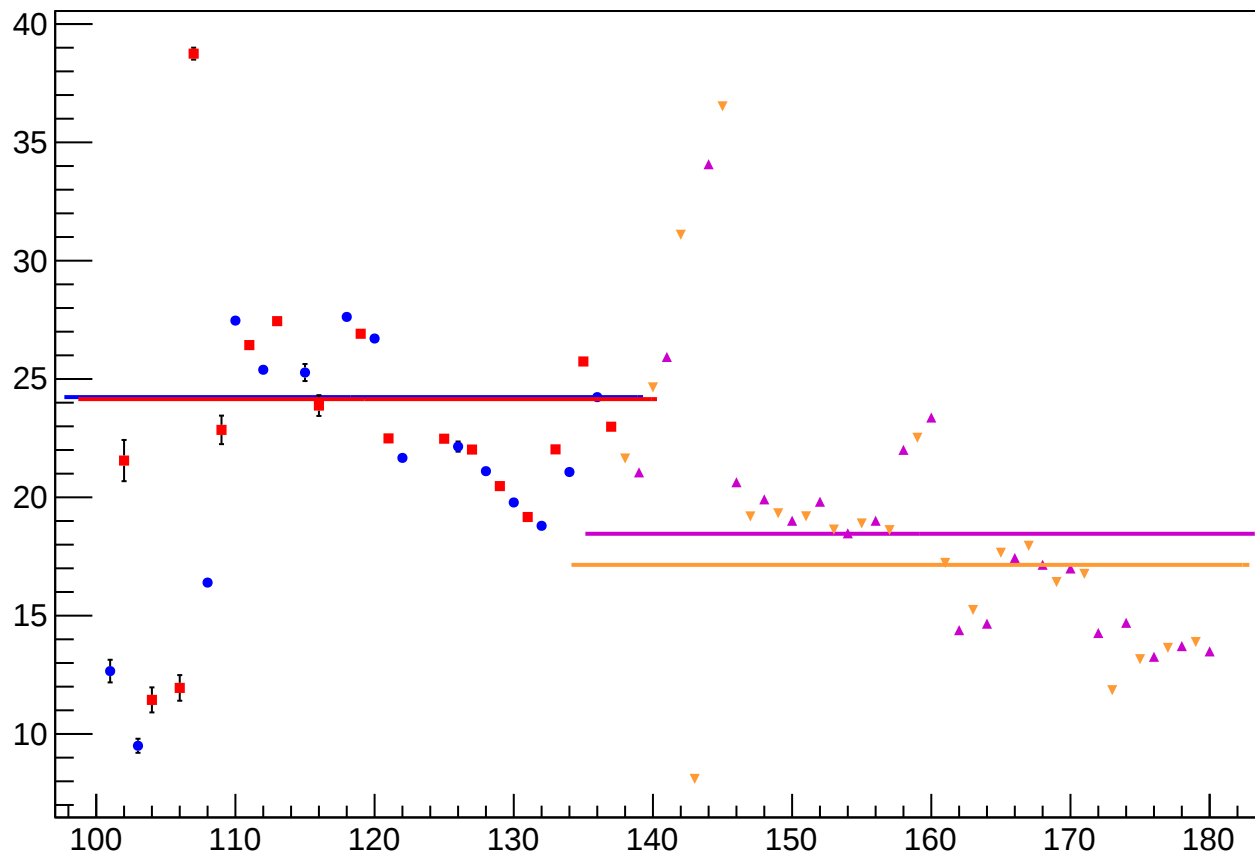
Right: -2.227 ± 0.012 $\chi^2/\text{NDF}: 41975.5/31$

In: 2.793 ± 0.005 $\chi^2/\text{NDF}: 406997.9/35$

Out: 2.904 ± 0.007 $\chi^2/\text{NDF}: 197057.8/38$

All: 2.834 ± 0.004 $\chi^2/\text{NDF}: 604208.0/74$

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 17.147 $\pm$ 0.007 χ^2 /NDF:159342.9/21

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.460 $\pm$ 0.007 χ^2 /NDF:213345.5/20

Left: 17.815 $\pm$ 0.005 χ^2 /NDF: 388891.1/42

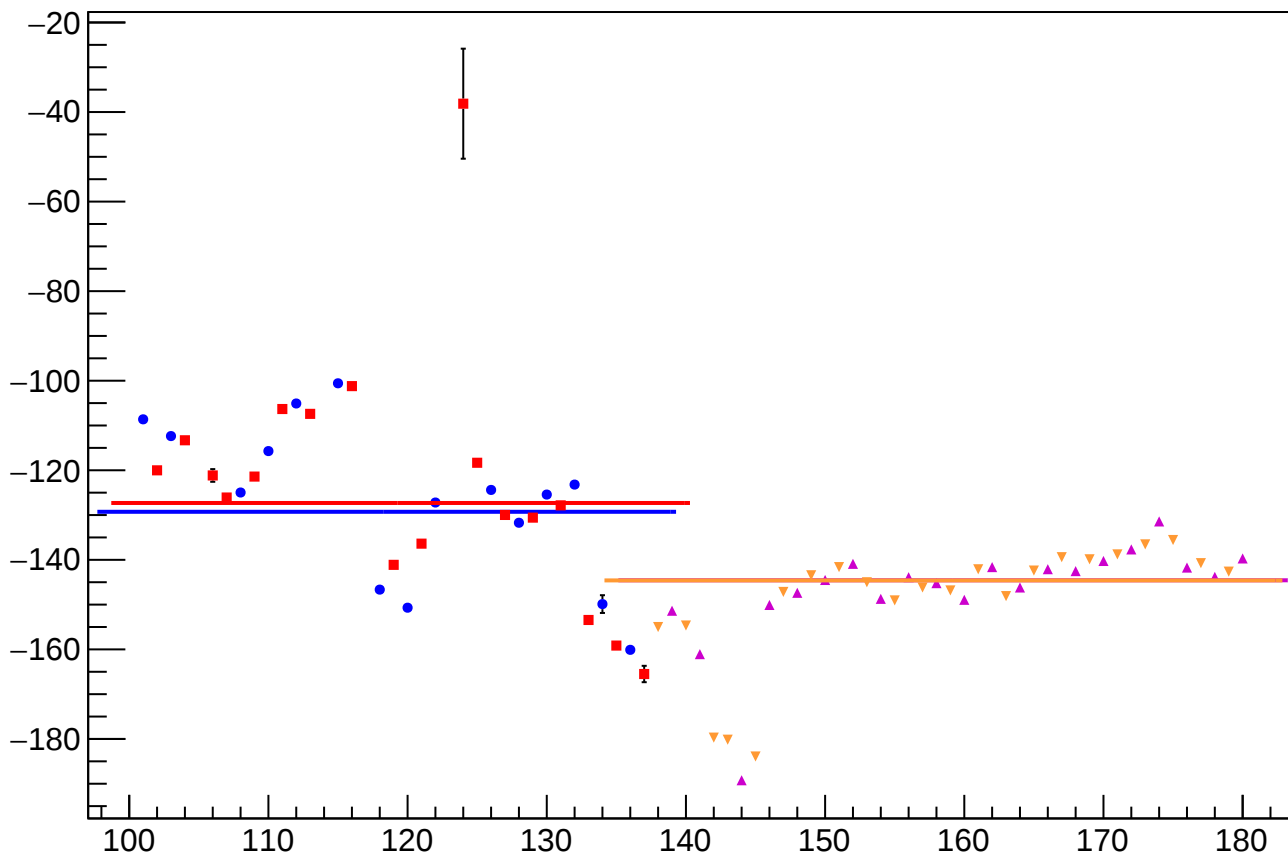
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.023 $\pm$ 0.007 χ^2 /NDF:297307.8/35

Out: 17.732 $\pm$ 0.007 χ^2 /NDF:248239.0/38

All: 18.394 $\pm$ 0.005 χ^2 /NDF: 562729.1/74

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.596 ± 0.043 χ^2/NDF : 42011.3/21

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.568 ± 0.046 χ^2/NDF : 33135.2/20

Left: -144.583 ± 0.032 χ^2/NDF : 75146.7/42

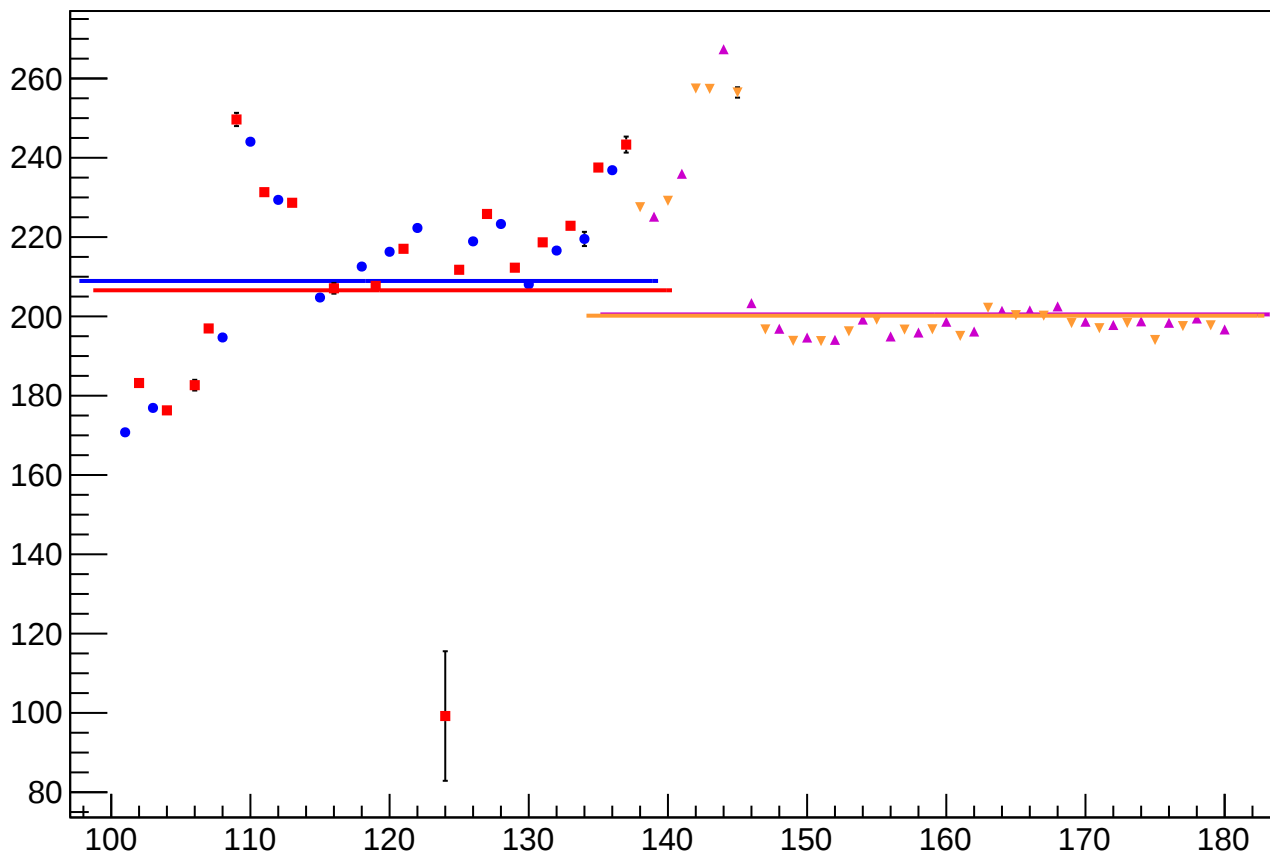
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.262 ± 0.041 χ^2/NDF : 92049.9/35

Out: -140.992 ± 0.038 χ^2/NDF : 104905.7/39

All: -141.119 ± 0.028 χ^2/NDF : 196978.9/75

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.180 $\pm$ 0.036 χ^2 /NDF:108975.4/21

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.498 $\pm$ 0.040 χ^2 /NDF:77724.5/20

Left: 200.321 $\pm$ 0.027 χ^2 /NDF: 186735.3/42

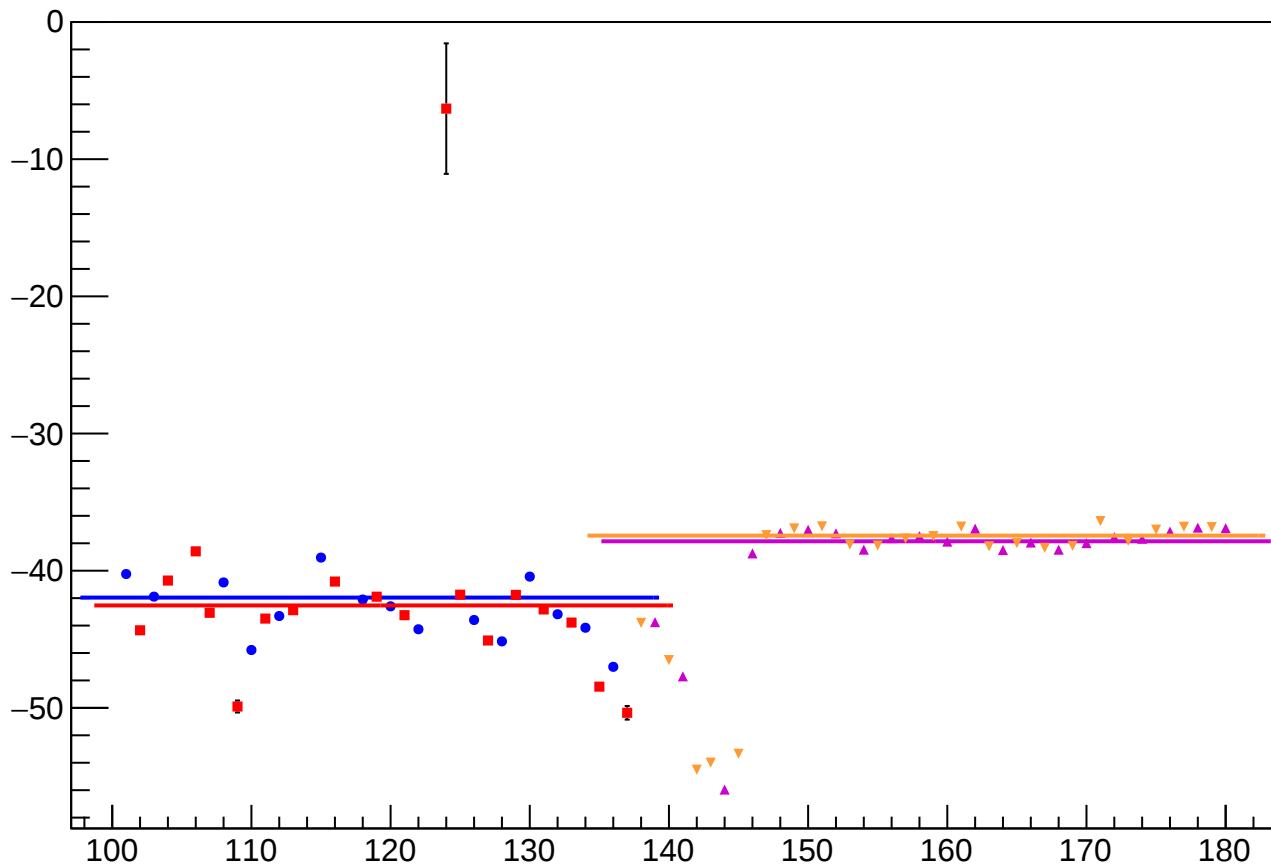
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.909 $\pm$ 0.036 χ^2 /NDF:129856.1/35

Out: 201.170 $\pm$ 0.033 χ^2 /NDF:162191.4/39

All: 201.499 $\pm$ 0.024 χ^2 /NDF: 292275.1/75

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.440 ± 0.004 $\chi^2/\text{NDF}: 230172.3/21$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.855 ± 0.004 $\chi^2/\text{NDF}: 142349.0/20$

Left: -37.623 ± 0.003 $\chi^2/\text{NDF}: 377723.4/42$

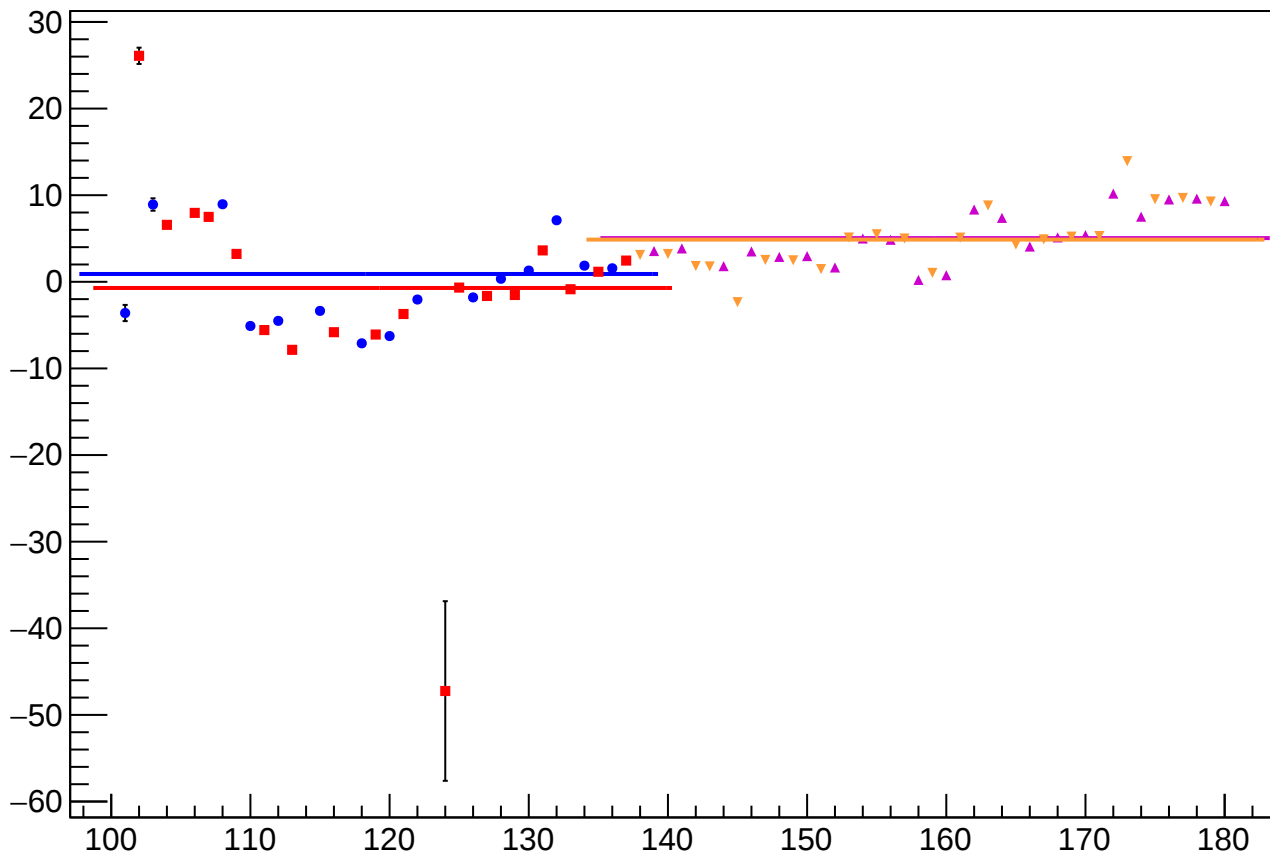
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.146 ± 0.004 $\chi^2/\text{NDF}: 230845.4/35$

Out: -37.609 ± 0.004 $\chi^2/\text{NDF}: 295075.8/39$

All: -37.851 ± 0.003 $\chi^2/\text{NDF}: 535108.5/75$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.873 ± 0.006 χ^2/NDF : 185113.4/21

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 5.046 ± 0.007 χ^2/NDF : 167765.3/20

Left: 4.949 ± 0.005 χ^2/NDF : 353242.6/42

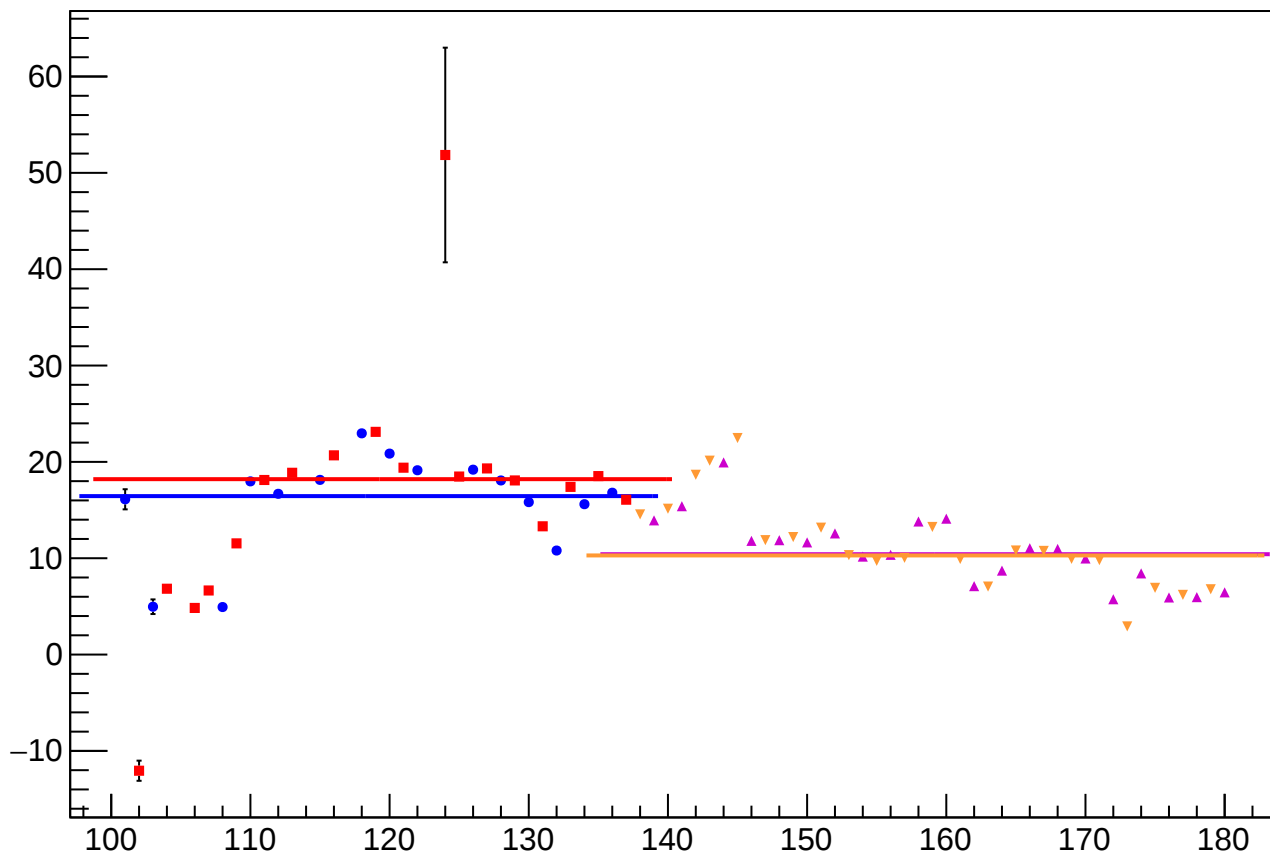
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.616 ± 0.006 χ^2/NDF : 227193.4/35

Out: 4.551 ± 0.006 χ^2/NDF : 265586.8/39

All: 4.580 ± 0.004 χ^2/NDF : 492836.6/75

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 10.290 $\pm$ 0.007 χ^2 /NDF:181125.2/21

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.418 $\pm$ 0.008 χ^2 /NDF:126287.2/20

Left: 10.347 $\pm$ 0.006 χ^2 /NDF: 307545.9/42

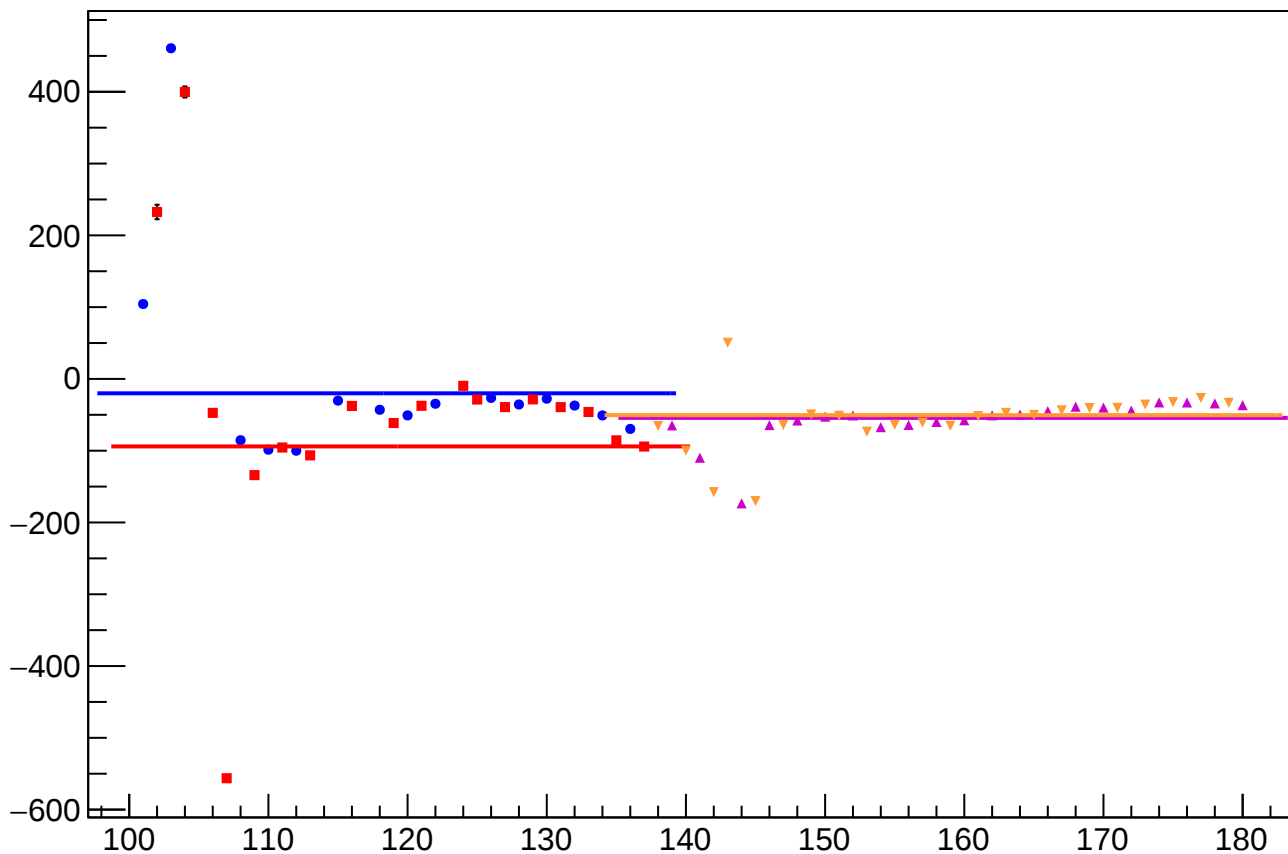
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 11.035 $\pm$ 0.008 χ^2 /NDF:195248.0/35

Out: 11.214 $\pm$ 0.007 χ^2 /NDF:341236.5/39

All: 11.135 $\pm$ 0.005 χ^2 /NDF: 536778.5/75

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.472 ± 0.092 $\chi^2/\text{NDF}: 59699.5/21$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -54.301 ± 0.104 $\chi^2/\text{NDF}: 58792.6/20$

Left: -52.151 ± 0.069 $\chi^2/\text{NDF}: 119252.1/42$

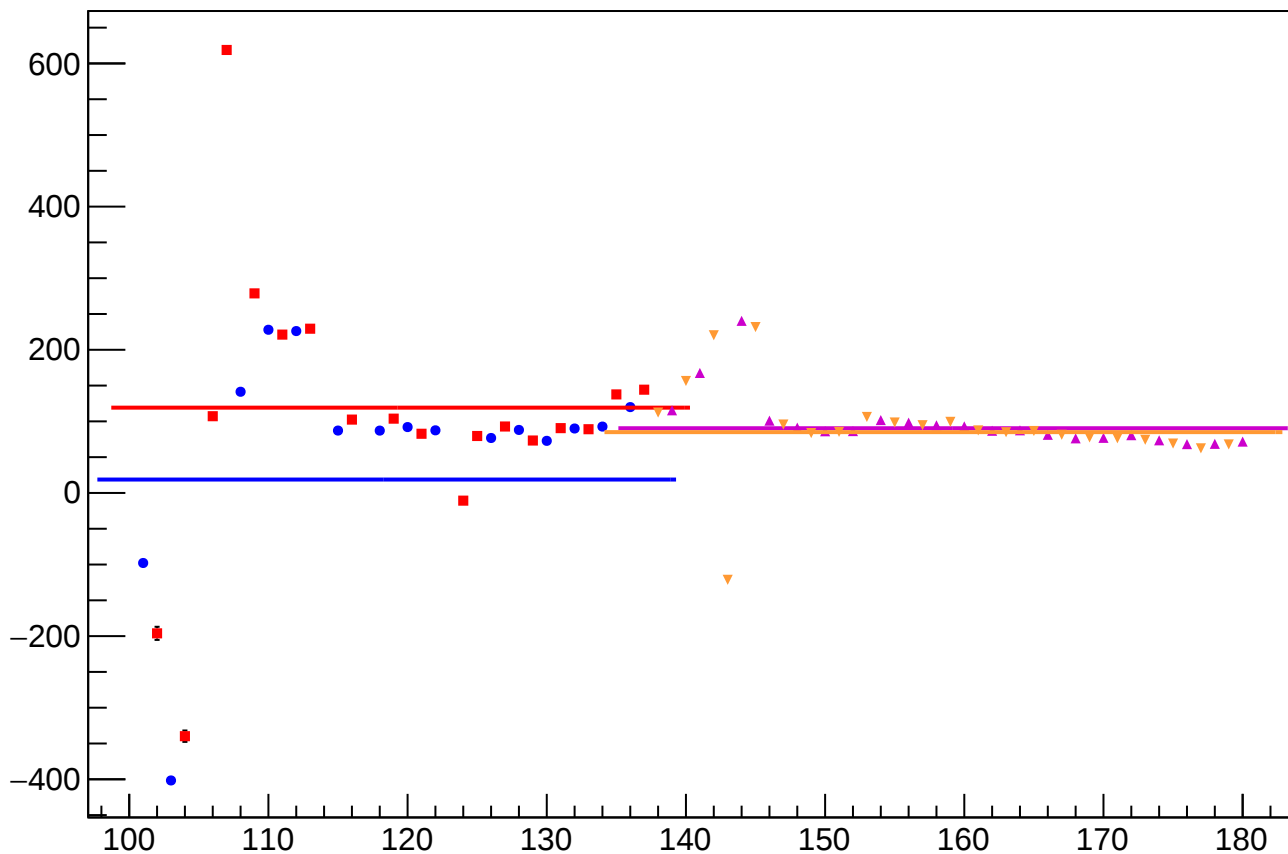
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.485 ± 0.086 $\chi^2/\text{NDF}: 534456.3/35$

Out: -93.268 ± 0.012 $\chi^2/\text{NDF}: 367559.9/39$

All: -92.269 ± 0.012 $\chi^2/\text{NDF}: 1229844.7/75$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 84.960 ± 0.081 $\chi^2/\text{NDF}: 179009.8/21$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 90.407 ± 0.090 $\chi^2/\text{NDF}: 82197.0/20$

Left: 87.393 ± 0.060 $\chi^2/\text{NDF}: 263211.3/42$

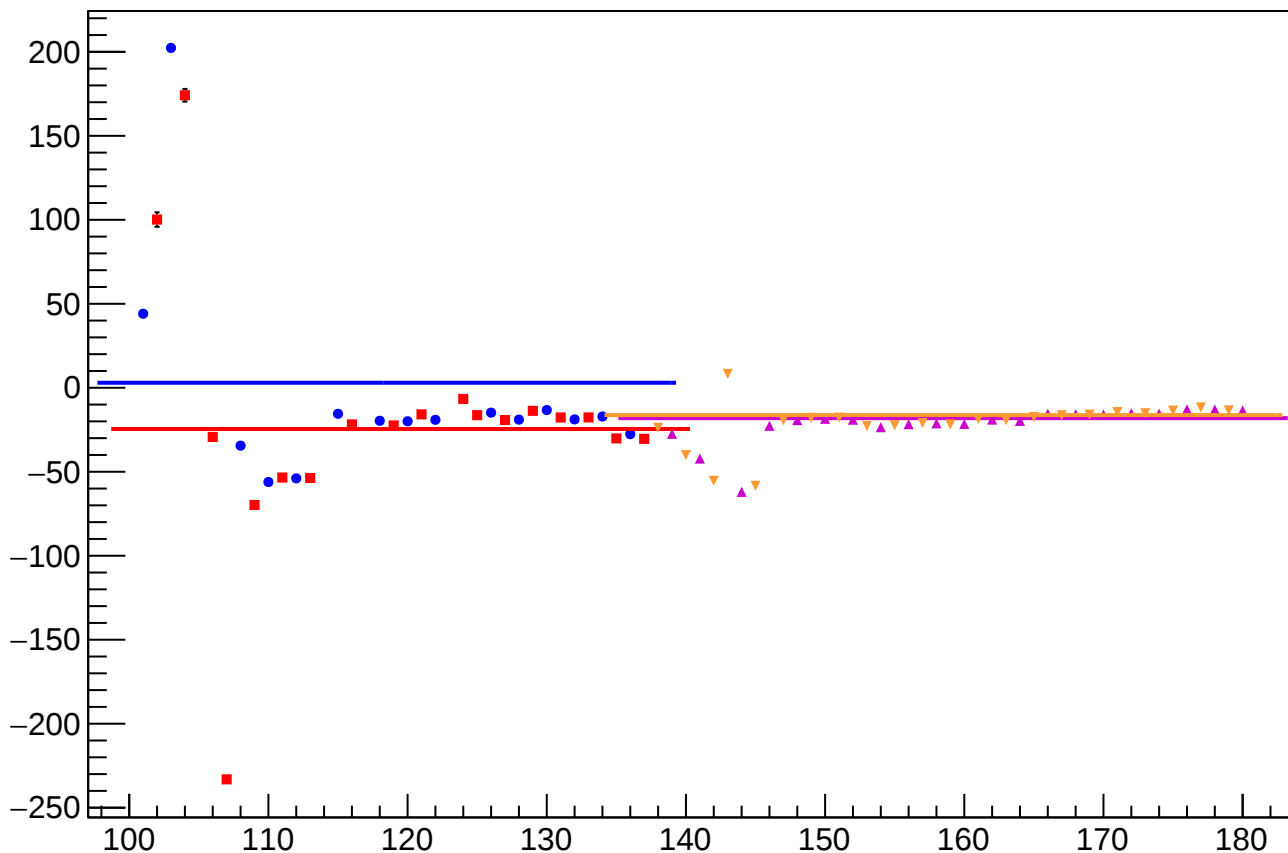
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.665 ± 0.078 $\chi^2/\text{NDF}: 1348052.8/35$

Out: 89.843 ± 0.075 $\chi^2/\text{NDF}: 291725.3/39$

All: 81.049 ± 0.054 $\chi^2/\text{NDF}: 1667986.9/75$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.248 ± 0.012 $\chi^2/\text{NDF}: 580128.4/21$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -18.077 ± 0.012 $\chi^2/\text{NDF}: 217112.1/20$

Left: -17.158 ± 0.009 $\chi^2/\text{NDF}: 808480.7/42$

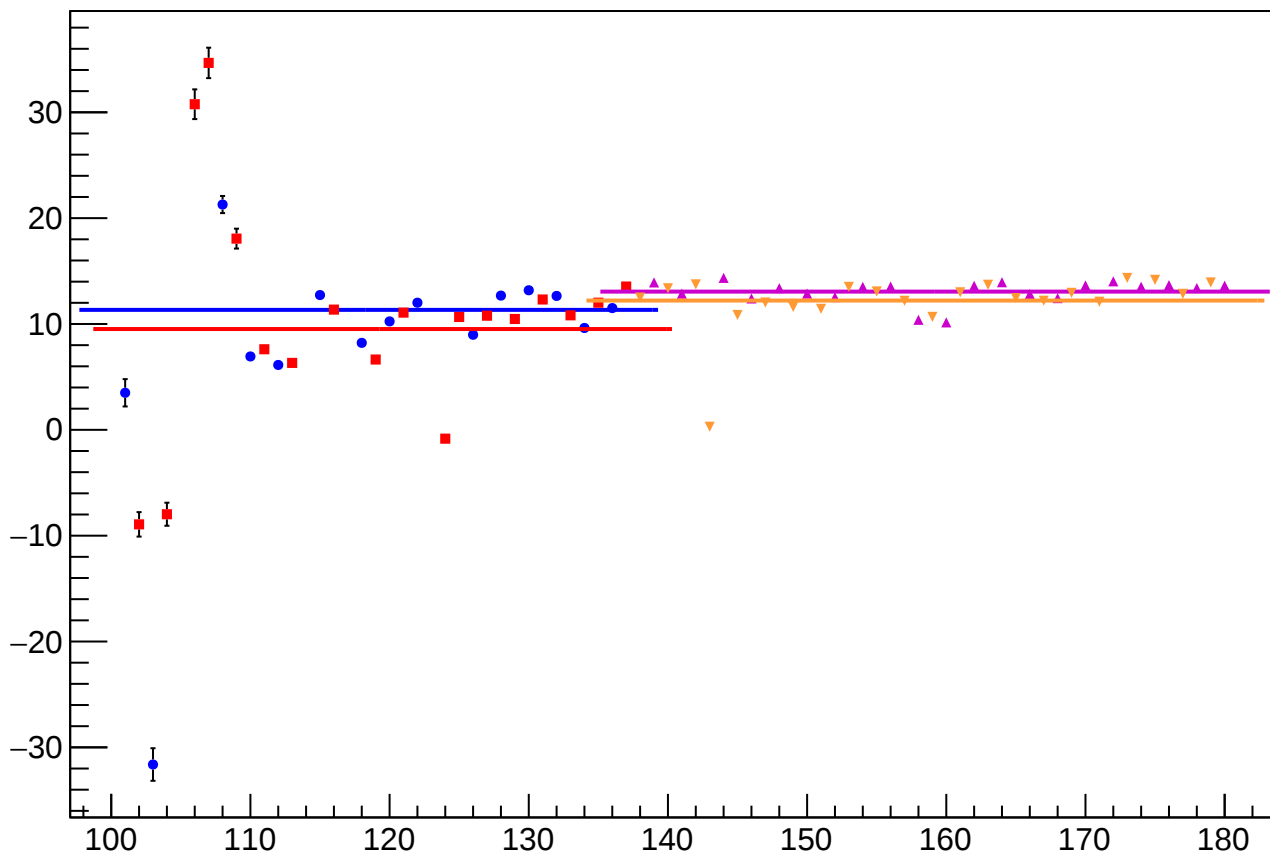
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.467 ± 0.011 $\chi^2/\text{NDF}: 4222654.1/35$

Out: -16.846 ± 0.012 $\chi^2/\text{NDF}: 790076.9/39$

All: -15.595 ± 0.008 $\chi^2/\text{NDF}: 5034411.0/75$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.215 $\pm$ 0.014 χ^2 /NDF:33639.0/21

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.059 $\pm$ 0.011 χ^2 /NDF:6617.6/20

Left: 12.730 $\pm$ 0.009 χ^2 /NDF: 42407.6/42

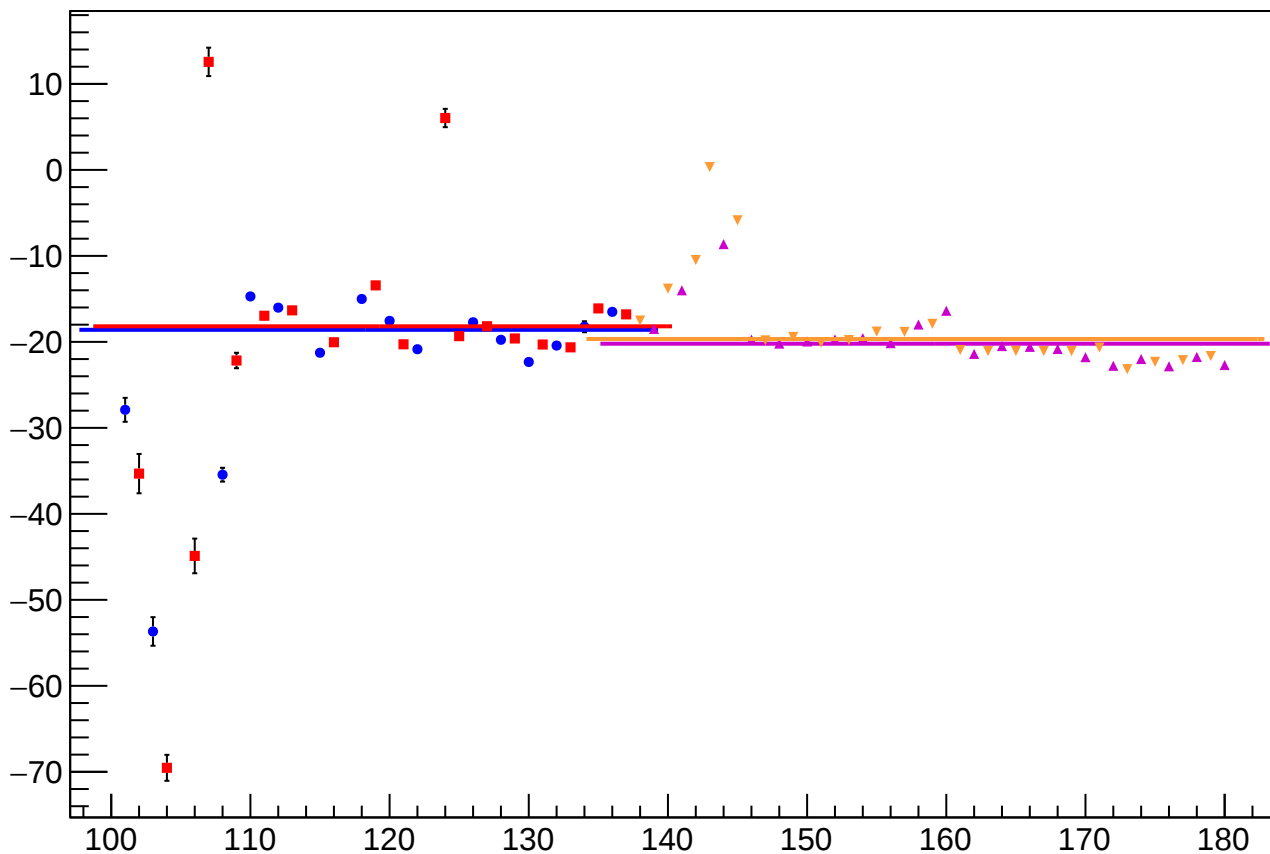
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.913 $\pm$ 0.011 χ^2 /NDF:10974.8/35

Out: 11.999 $\pm$ 0.014 χ^2 /NDF:40595.4/39

All: 12.557 $\pm$ 0.009 χ^2 /NDF: 54322.3/75

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.666 ± 0.015 χ^2/NDF : 64801.7/21

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -20.214 ± 0.015 χ^2/NDF : 17412.7/20

Left: -19.939 ± 0.011 χ^2/NDF : 82848.6/42

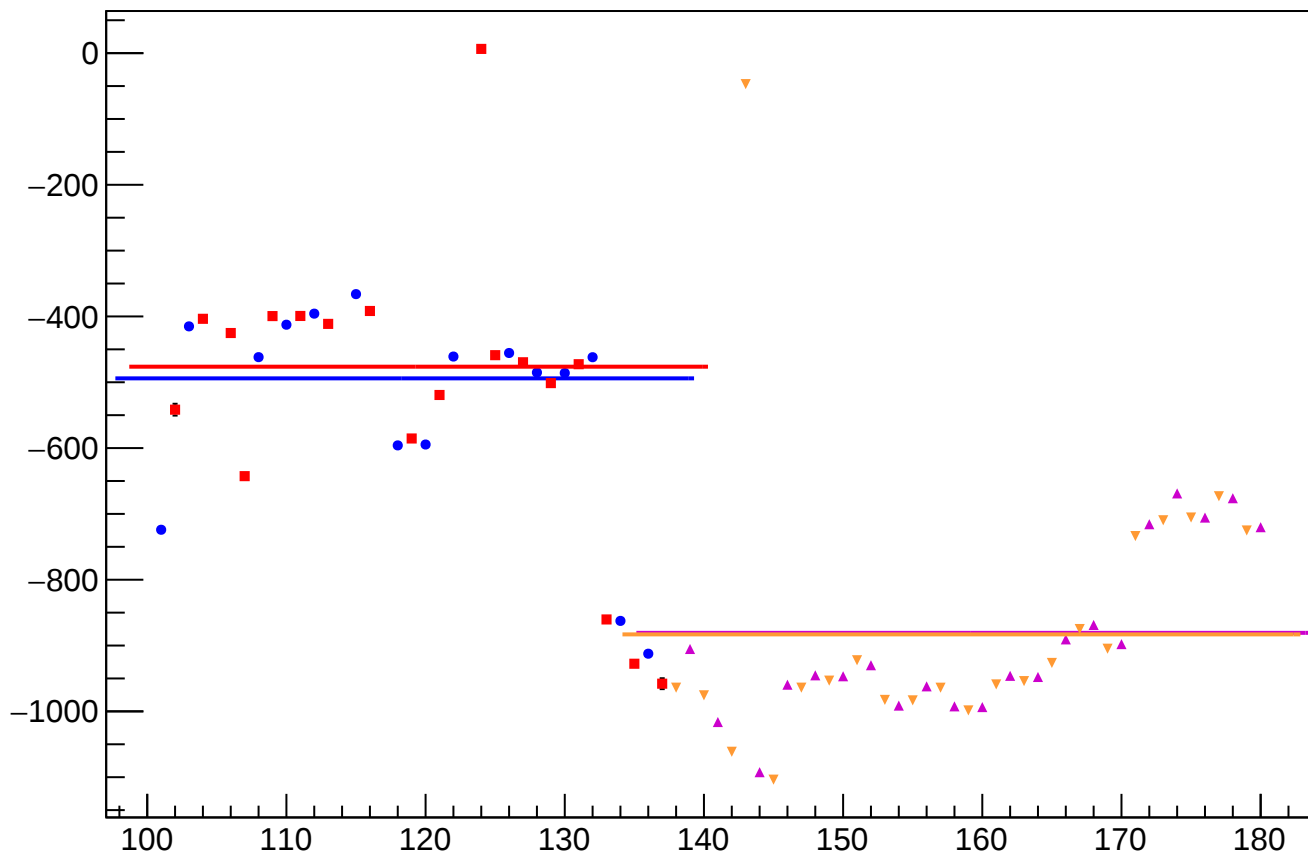
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.977 ± 0.014 χ^2/NDF : 25218.0/35

Out: -19.536 ± 0.015 χ^2/NDF : 70496.1/39

All: -19.763 ± 0.010 χ^2/NDF : 96179.2/75

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -883.048 ± 0.157 $\chi^2/\text{NDF}: 762627.4/21$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -880.705 ± 0.149 $\chi^2/\text{NDF}: 691680.7/20$

Left: -881.823 ± 0.108 $\chi^2/\text{NDF}: 1454425.3/42$

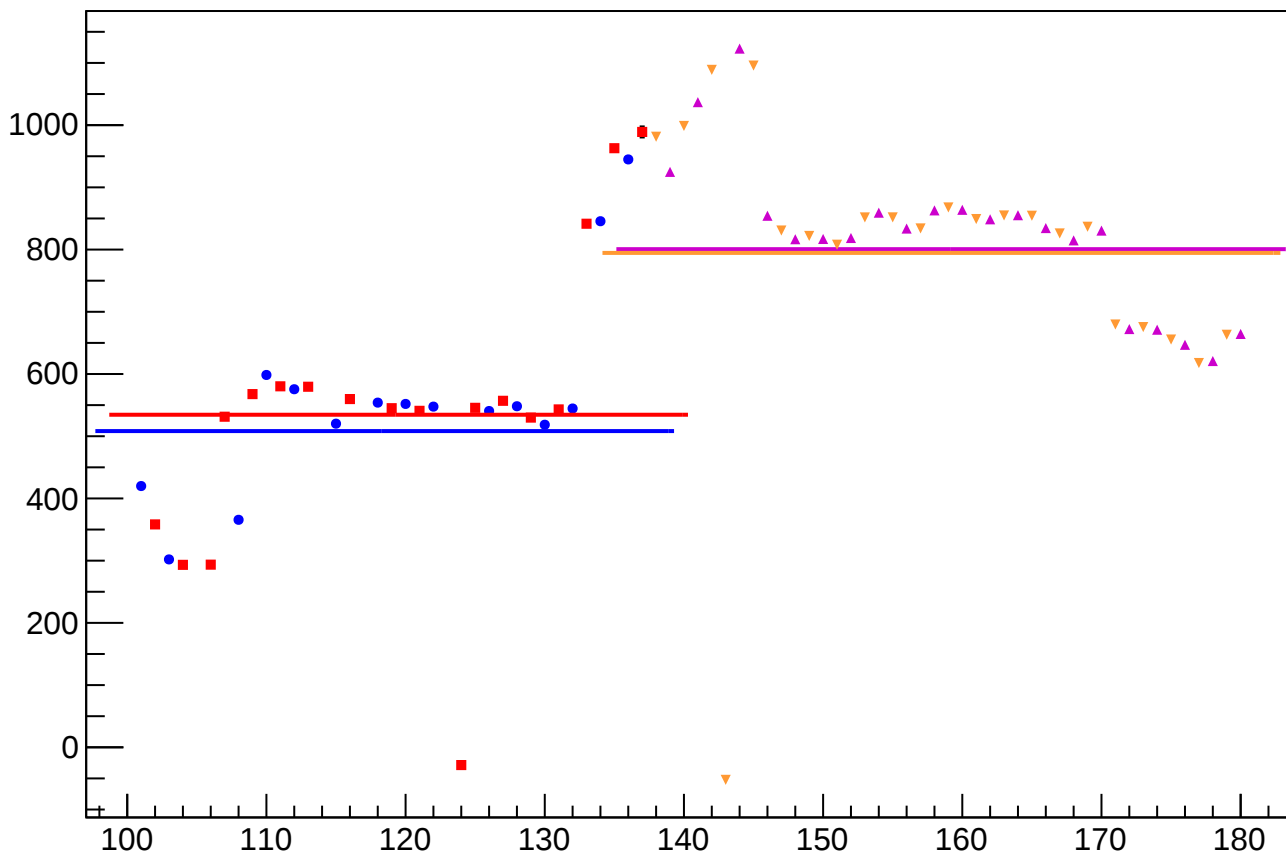
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.346 ± 0.126 $\chi^2/\text{NDF}: 2978911.2/35$

Out: -713.506 ± 0.120 $\chi^2/\text{NDF}: 4171025.5/39$

All: -739.077 ± 0.087 $\chi^2/\text{NDF}: 7246298.1/75$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 797.722 +/- 0.089 χ^2/NDF : 1372315.0/42

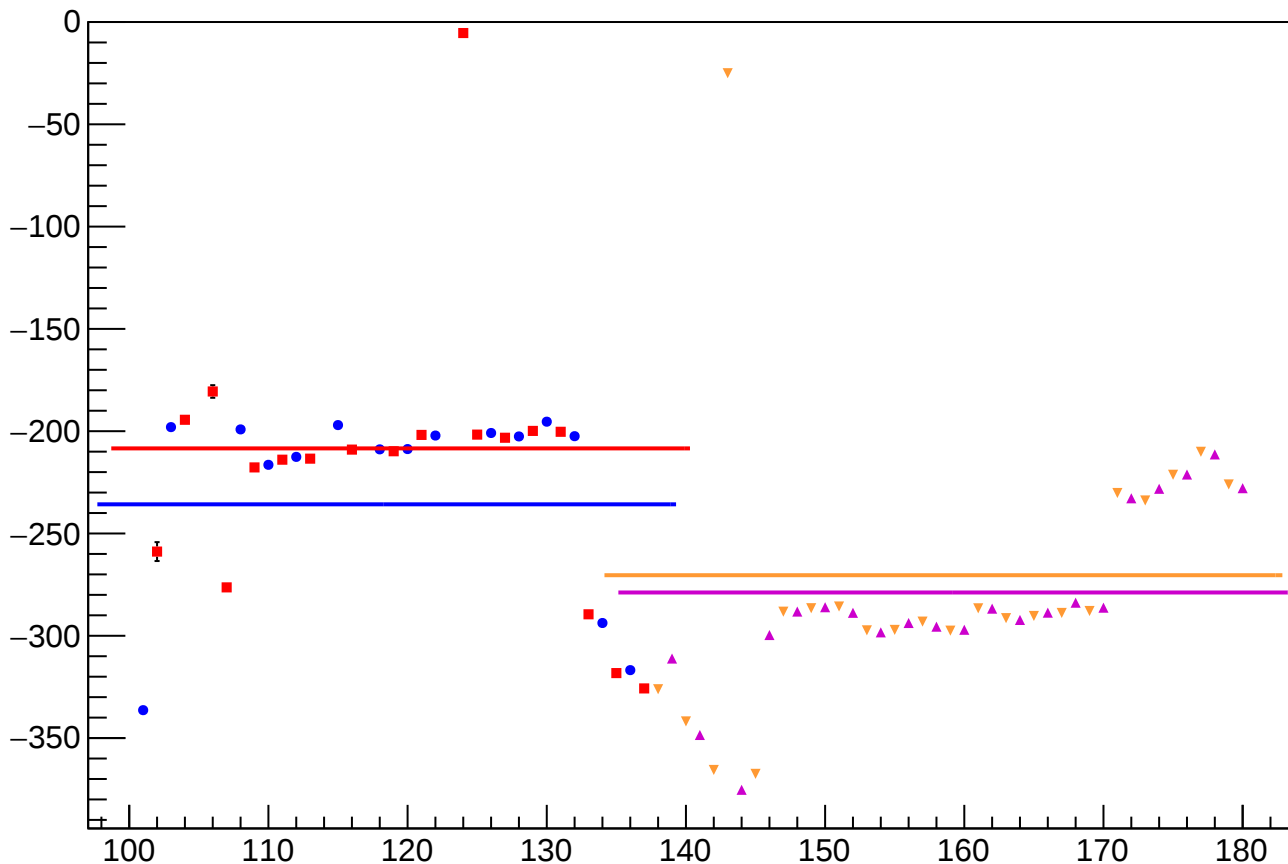
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 730.175 +/- 0.109 χ^2/NDF : 2346205.6/35

Out: 728.014 +/- 0.110 χ^2/NDF : 2220290.8/39

All: 729.105 +/- 0.077 χ^2/NDF : 4566691.6/75

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -270.396+/-0.023 χ^2/NDF : 6947991.0/21

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -278.841+/-0.022 χ^2/NDF : 2133710.5/20

Left: -274.784+/-0.016 χ^2/NDF : 9149798.3/42

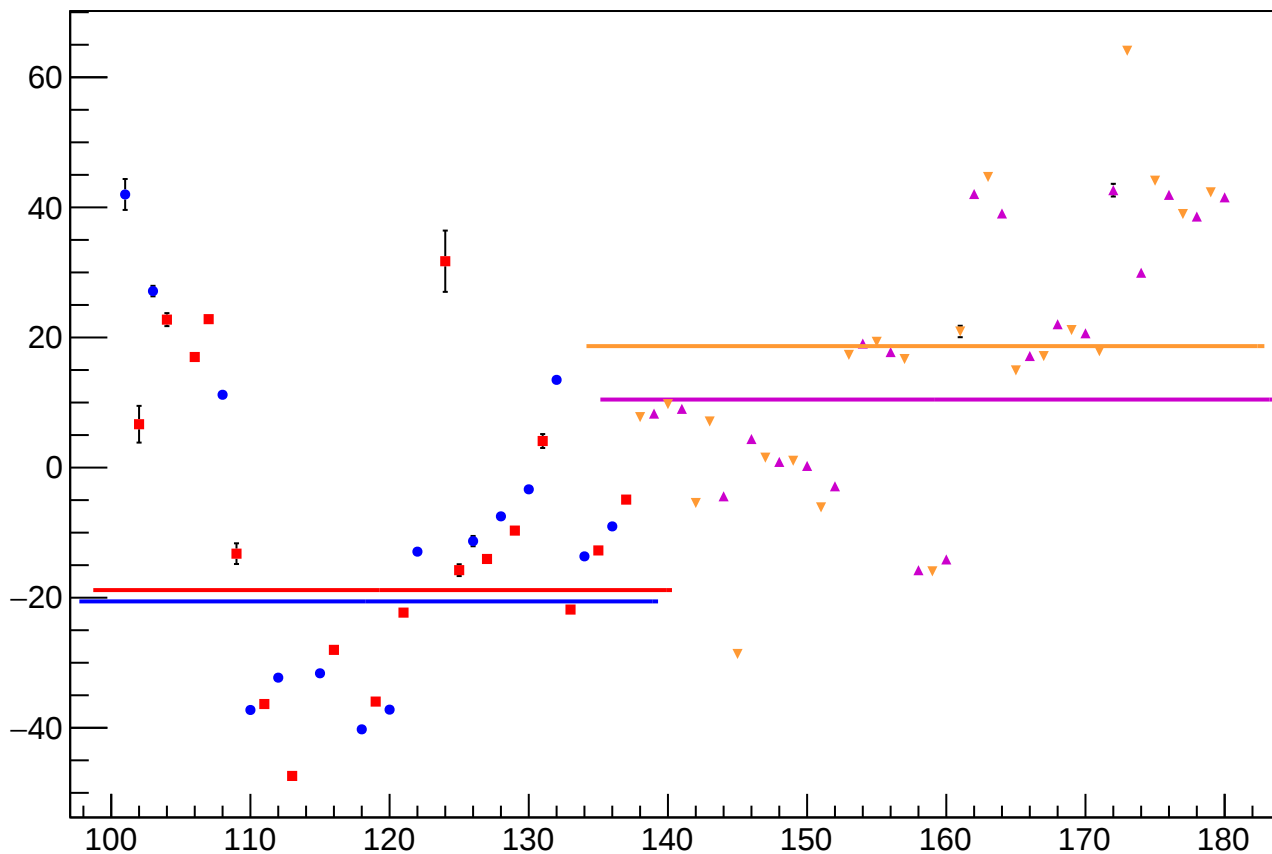
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -272.738+/-0.021 χ^2/NDF : 3532612.0/35

Out: -258.040+/-0.021 χ^2/NDF : 8730769.8/39

All: -265.420+/-0.015 χ^2/NDF : 12512410.7/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 18.672 ± 0.021 $\chi^2/\text{NDF}: 675347.4/21$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 10.459 ± 0.018 $\chi^2/\text{NDF}: 1182790.8/20$

Left: 13.997 ± 0.014 $\chi^2/\text{NDF}: 1943543.8/42$

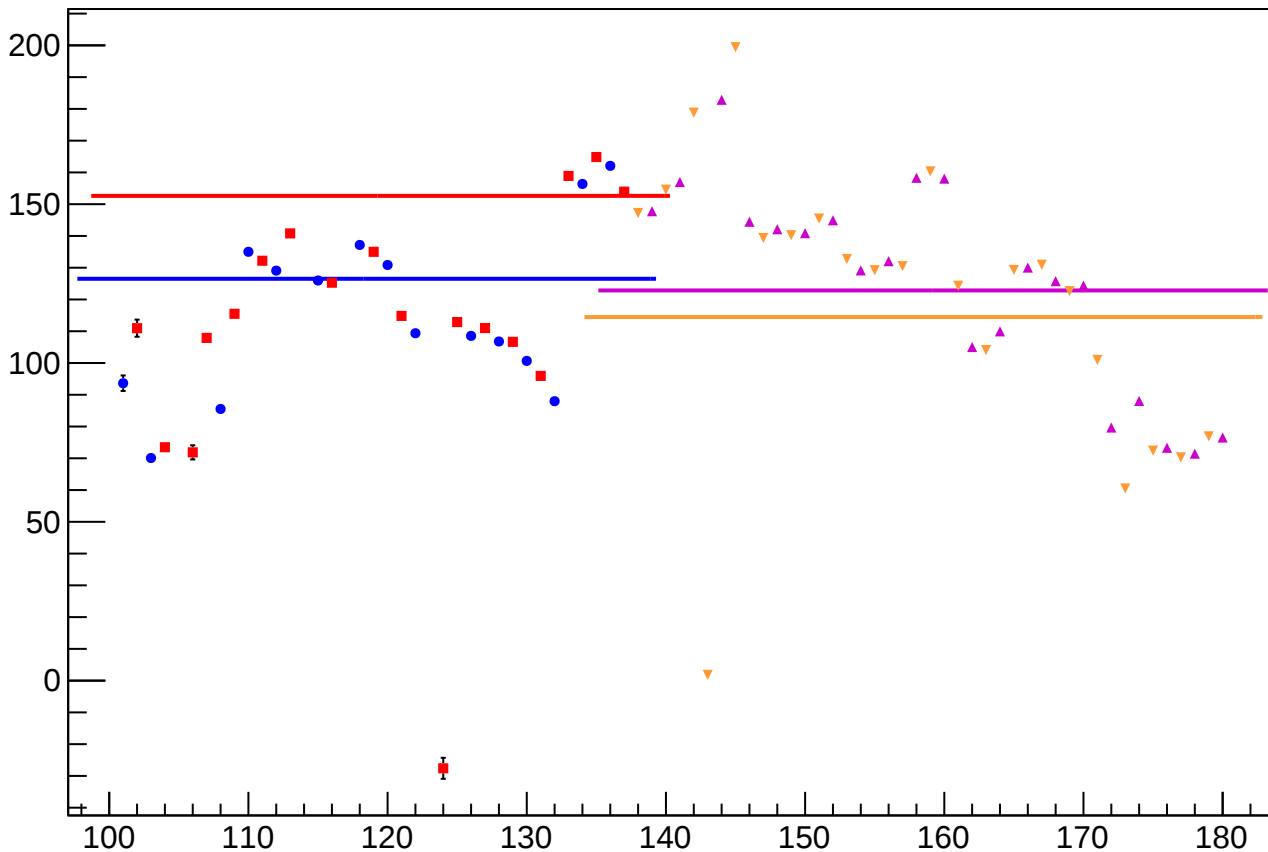
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 8.515 ± 0.018 $\chi^2/\text{NDF}: 1423517.7/35$

Out: 17.281 ± 0.021 $\chi^2/\text{NDF}: 812297.3/39$

All: 12.233 ± 0.014 $\chi^2/\text{NDF}: 2338017.3/75$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 114.473 $\pm$ 0.026 χ^2 /NDF:1379987.8/21

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 122.844 $\pm$ 0.025 χ^2 /NDF:1400064.0/20

Left: 118.925 $\pm$ 0.018 χ^2 /NDF: 2834016.1/42

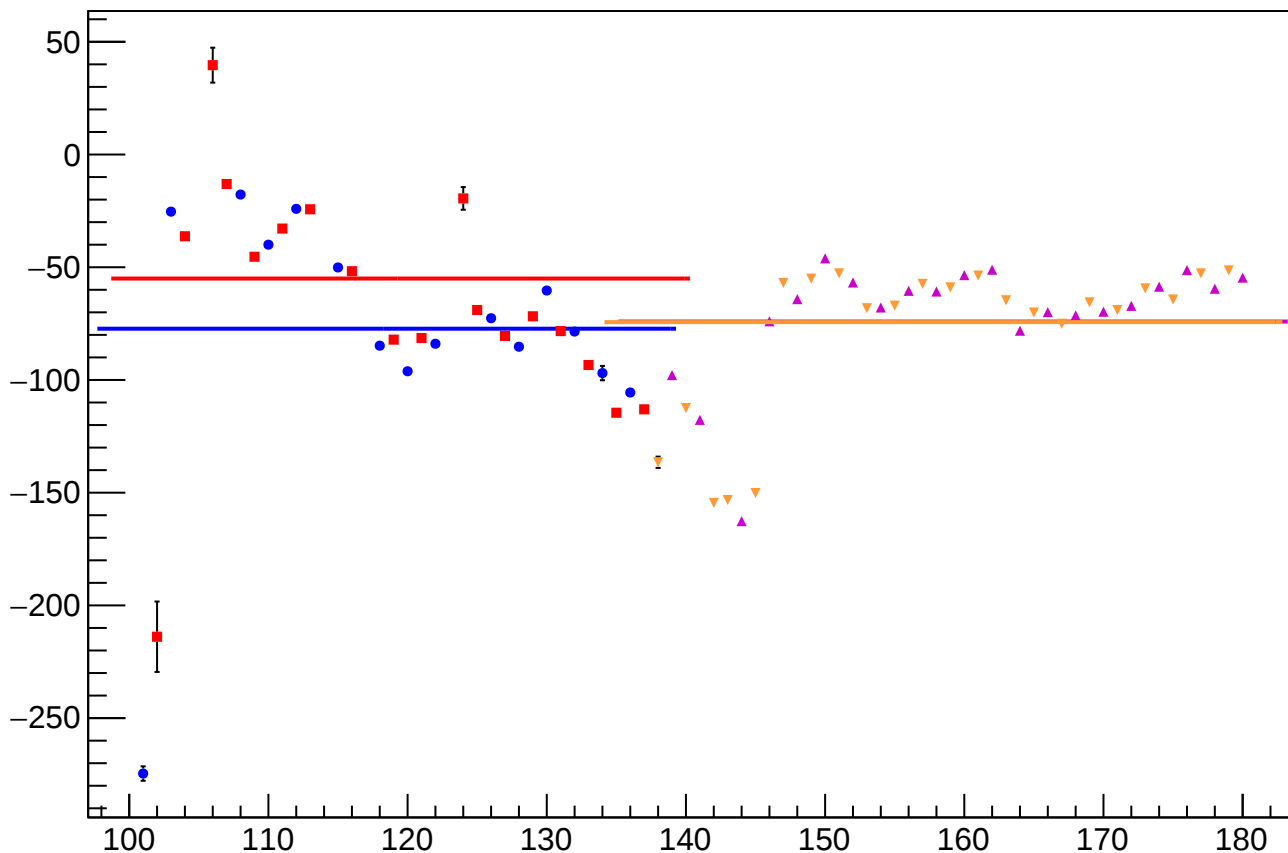
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 123.135 $\pm$ 0.024 χ^2 /NDF:1516792.1/35

Out: 130.818 $\pm$ 0.020 χ^2 /NDF:2356839.8/39

All: 127.640 $\pm$ 0.015 χ^2 /NDF: 3935474.0/75

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -74.349 ± 0.118 $\chi^2/\text{NDF}: 64847.2/21$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -74.083 ± 0.113 $\chi^2/\text{NDF}: 68118.9/20$

Left: -74.211 ± 0.082 $\chi^2/\text{NDF}: 132968.7/42$

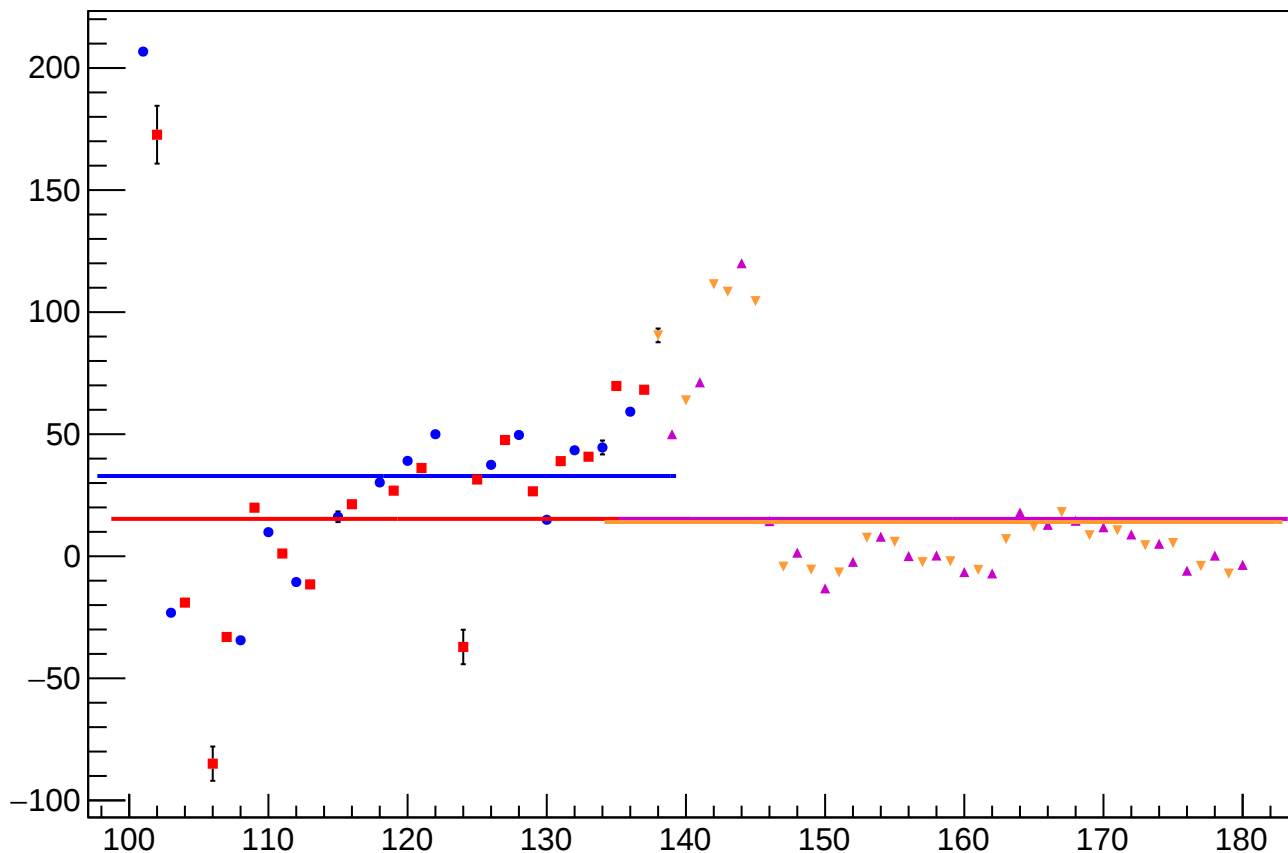
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -75.269 ± 0.089 $\chi^2/\text{NDF}: 98769.8/35$

Out: -68.998 ± 0.100 $\chi^2/\text{NDF}: 95953.4/39$

All: -72.483 ± 0.067 $\chi^2/\text{NDF}: 196905.5/75$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2 /NDF: 31393.7/14

Left Out: 14.041+/-0.102 χ^2 /NDF:96147.7/21

Right Out: 15.309+/-0.210 χ^2 /NDF: 16746.0/17

Left In: 15.294+/-0.100 χ^2 /NDF:96298.0/20

Left: 14.681+/-0.072 χ^2 /NDF: 192522.2/42

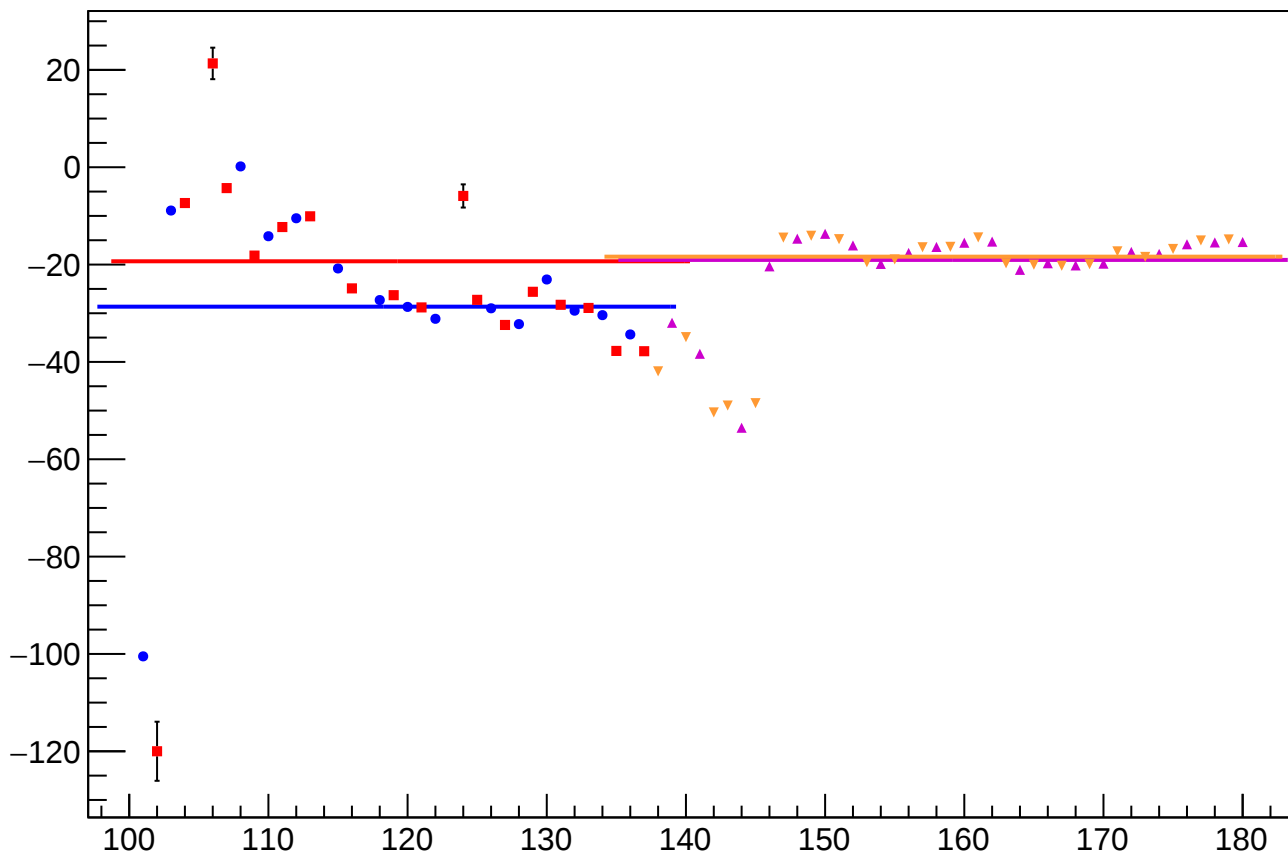
Right: 27.134+/-0.120 χ^2 /NDF: 52862.9/32

In: 20.924+/-0.083 χ^2 /NDF:137537.7/35

Out: 14.285+/-0.092 χ^2 /NDF:112923.2/39

All: 17.960+/-0.061 χ^2 /NDF: 253342.2/75

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648+/-0.034 χ^2/NDF : 113441.9/14

Left Out: -18.374+/-0.014 χ^2/NDF : 232619.7/21

Right Out: -19.325+/-0.039 χ^2/NDF : 56579.1/17

Left In: -19.044+/-0.014 χ^2/NDF : 206615.6/20

Left: -18.698+/-0.010 χ^2/NDF : 440375.7/42

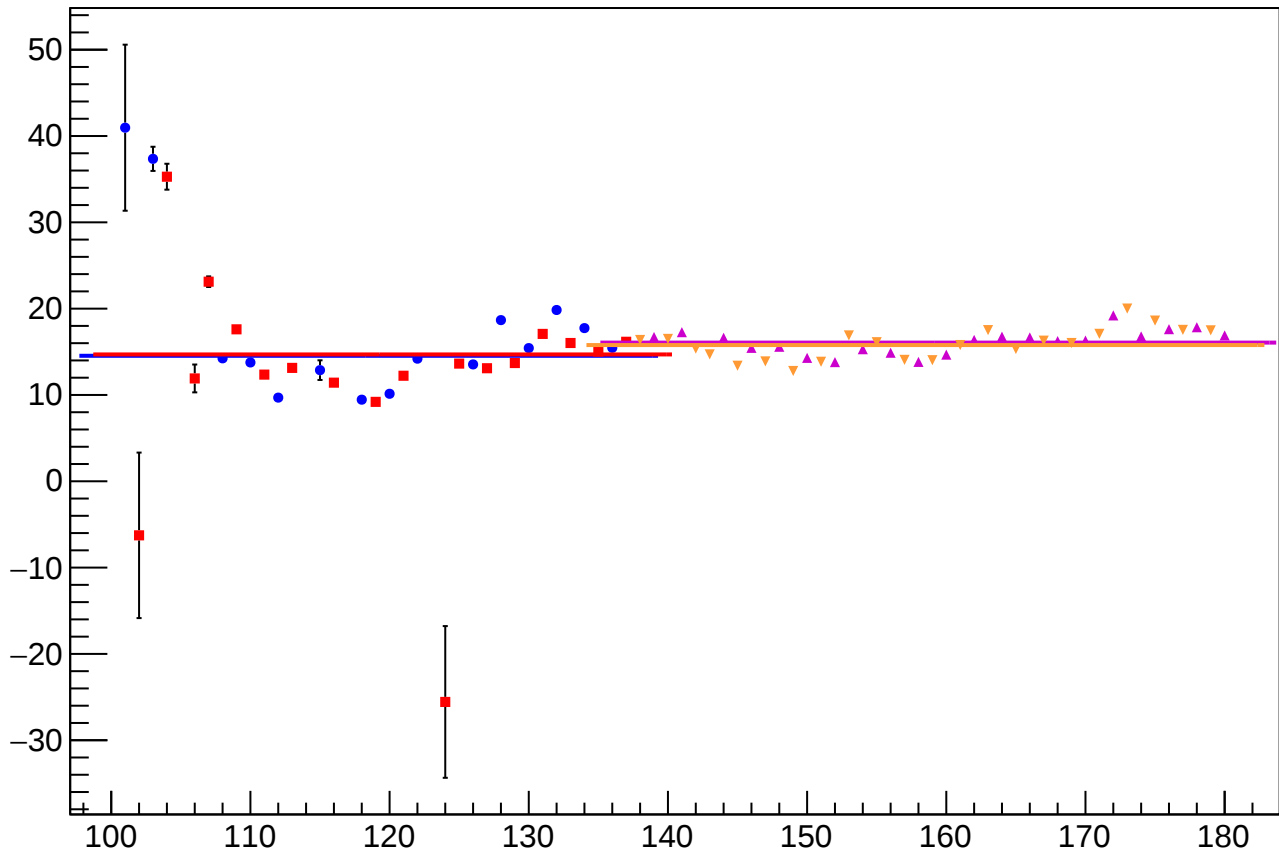
Right: -24.627+/-0.026 χ^2/NDF : 201944.0/32

In: -20.460+/-0.013 χ^2/NDF : 387031.3/35

Out: -18.478+/-0.013 χ^2/NDF : 289718.5/39

All: -19.459+/-0.009 χ^2/NDF : 688207.0/75

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.781+/-0.014 χ^2/NDF :11462.8/21

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.066+/-0.013 χ^2/NDF :11119.6/20

Left: 15.938+/-0.009 χ^2/NDF : 22806.4/42

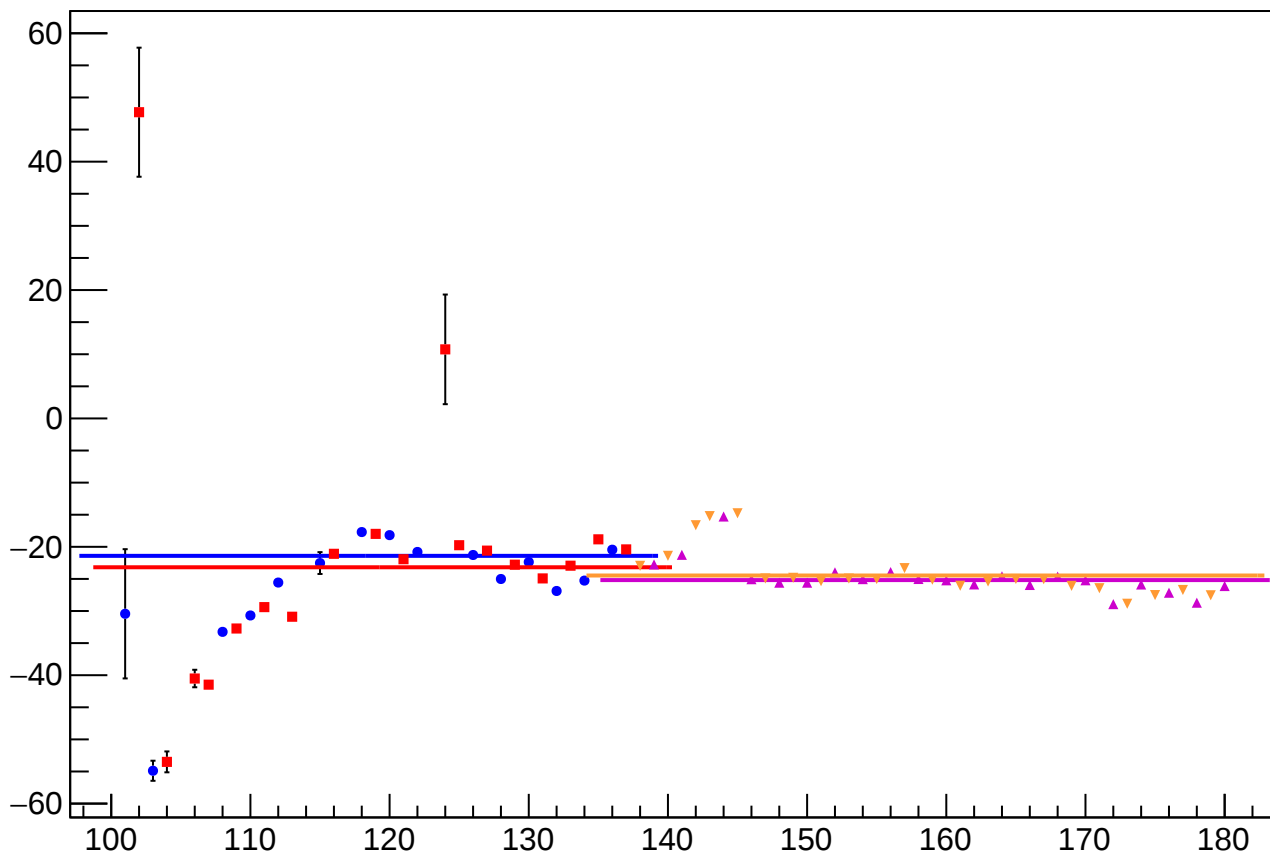
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.828+/-0.012 χ^2/NDF :25408.2/35

Out: 15.678+/-0.013 χ^2/NDF :13659.4/39

All: 15.763+/-0.009 χ^2/NDF : 39138.9/75

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.469 ± 0.017 $\chi^2/\text{NDF}: 42072.5/21$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.183 ± 0.016 $\chi^2/\text{NDF}: 14351.5/20$

Left: -24.834 ± 0.012 $\chi^2/\text{NDF}: 57374.0/42$

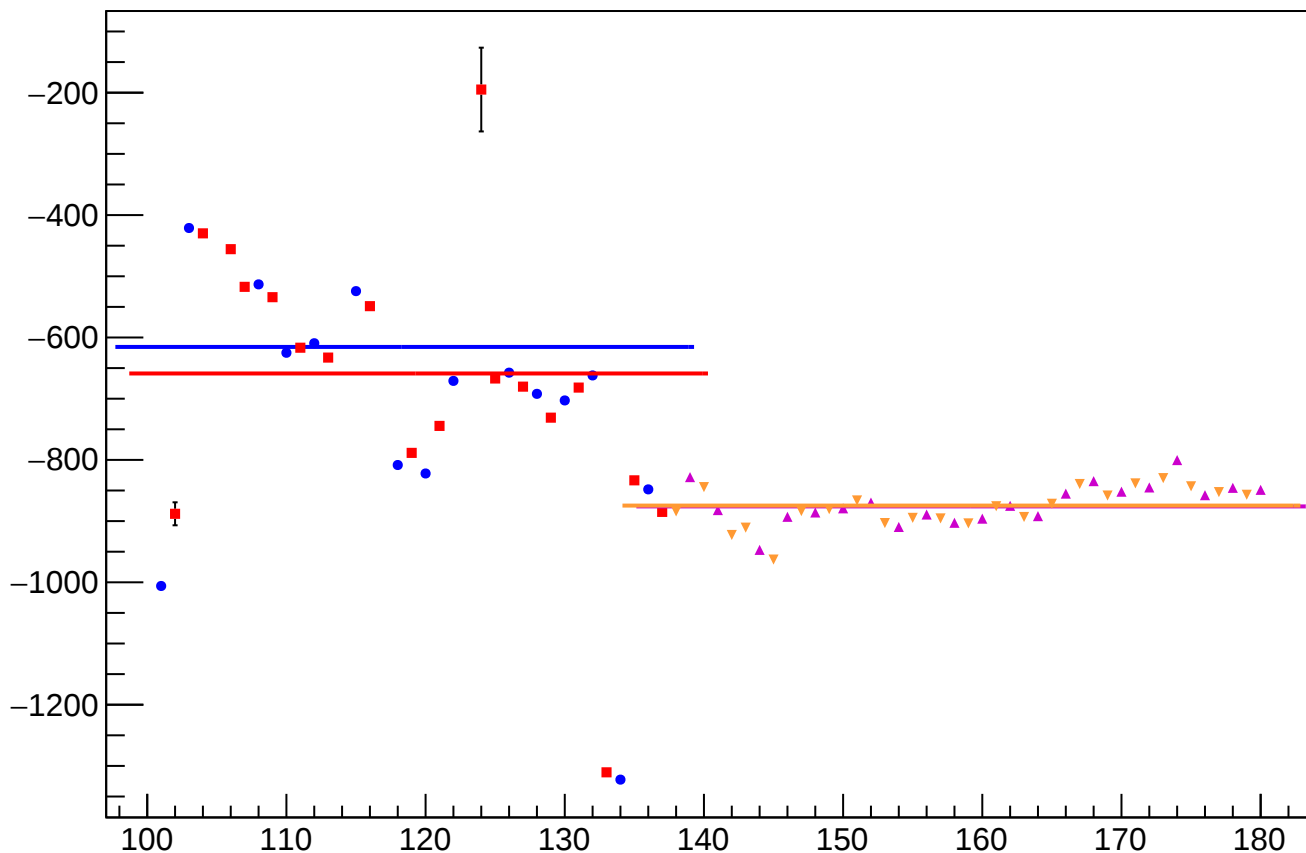
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.533 ± 0.015 $\chi^2/\text{NDF}: 33373.7/35$

Out: -24.347 ± 0.016 $\chi^2/\text{NDF}: 51769.6/39$

All: -24.446 ± 0.011 $\chi^2/\text{NDF}: 85217.7/75$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -874.645 ± 0.134 $\chi^2/\text{NDF}: 41999.8/21$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -875.999 ± 0.126 $\chi^2/\text{NDF}: 50507.4/20$

Left: -875.364 ± 0.092 $\chi^2/\text{NDF}: 92561.5/42$

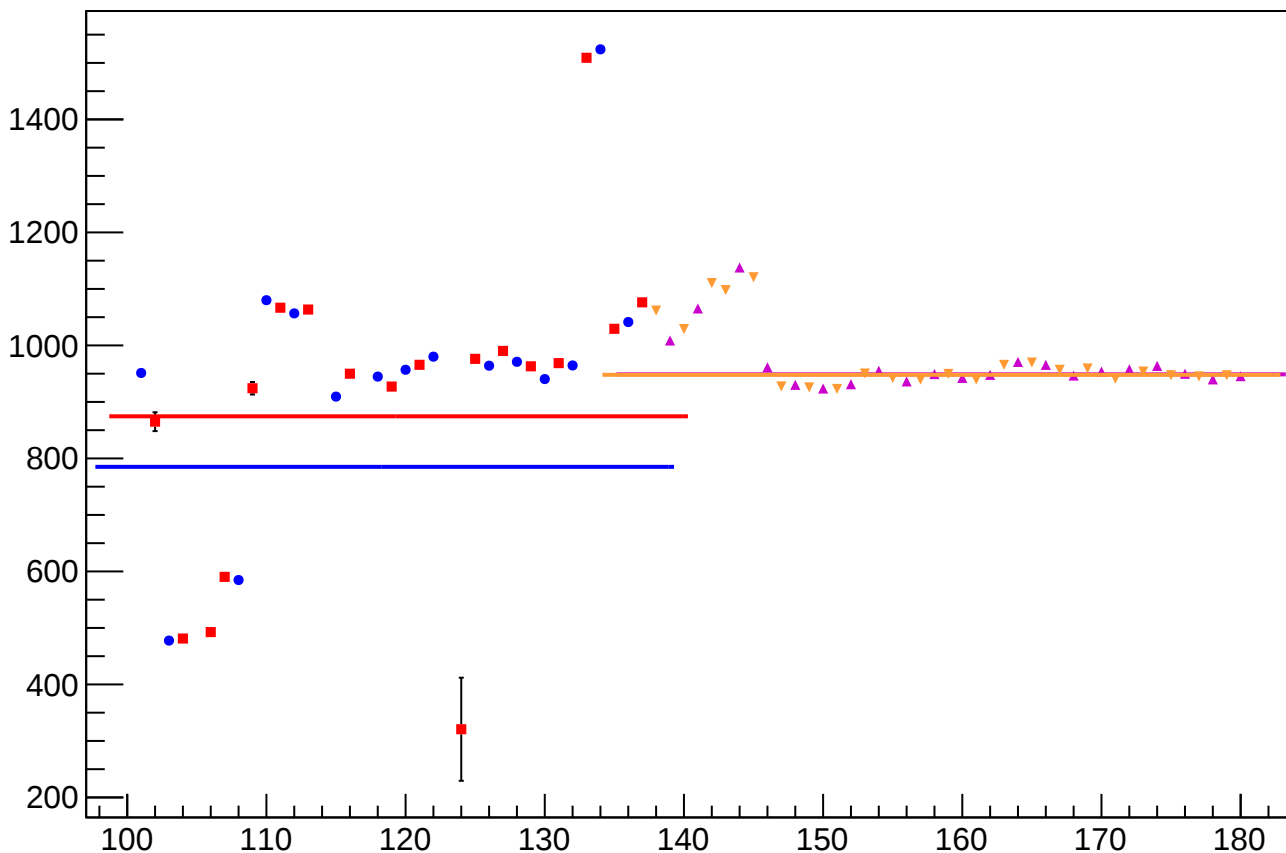
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -818.893 ± 0.111 $\chi^2/\text{NDF}: 1372504.9/35$

Out: -828.340 ± 0.119 $\chi^2/\text{NDF}: 984433.5/39$

All: -823.309 ± 0.081 $\chi^2/\text{NDF}: 2360311.0/75$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 947.997 $\pm$ 0.105 χ^2/NDF : 71884.5/21

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 948.814 $\pm$ 0.104 χ^2/NDF : 76745.0/20

Left: 948.408 $\pm$ 0.074 χ^2/NDF : 148659.9/42

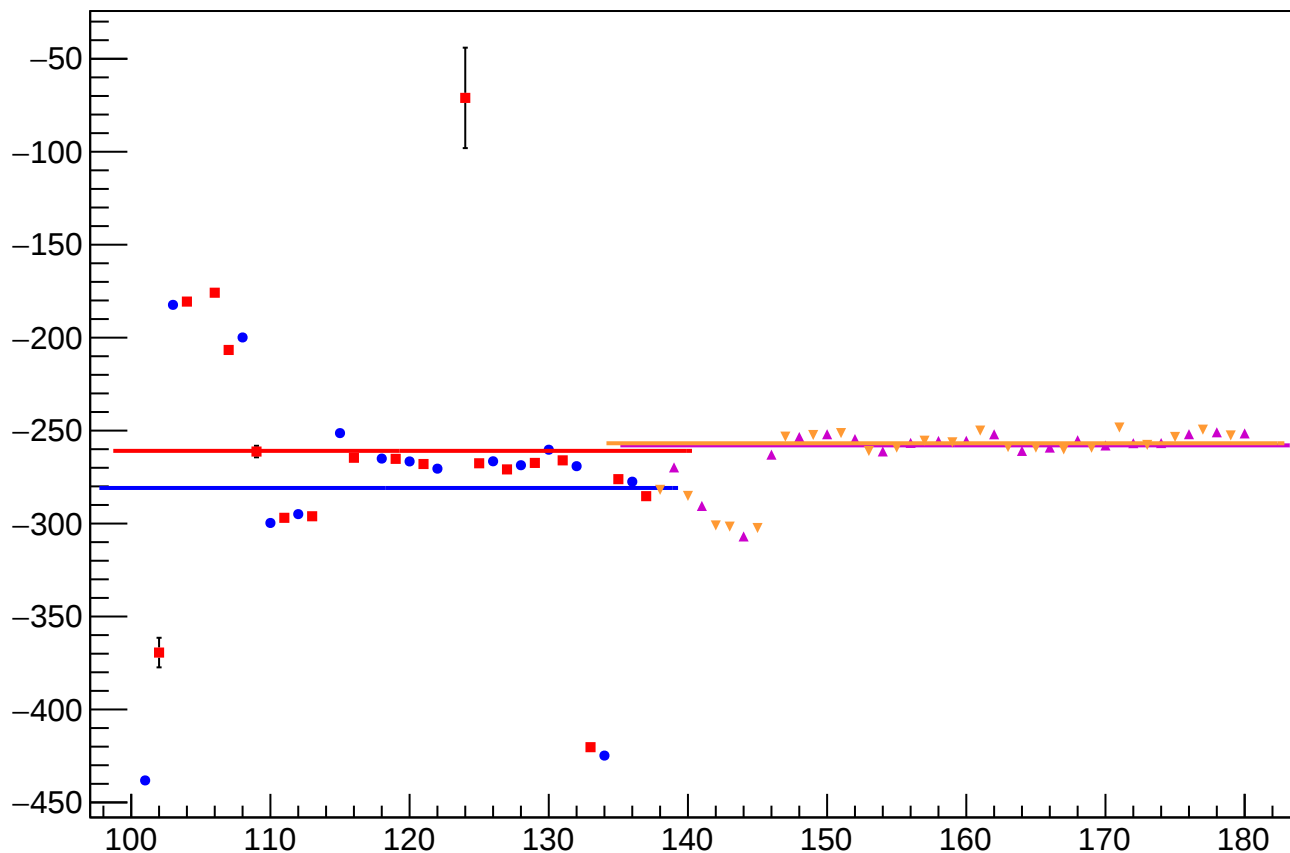
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 920.444 $\pm$ 0.095 χ^2/NDF : 1389017.1/35

Out: 937.741 $\pm$ 0.098 χ^2/NDF : 982513.2/39

All: 928.852 $\pm$ 0.068 χ^2/NDF : 2387667.7/75

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.808 ± 0.020 $\chi^2/\text{NDF}: 183179.0/21$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.942 ± 0.019 $\chi^2/\text{NDF}: 207384.0/20$

Left: -257.400 ± 0.014 $\chi^2/\text{NDF}: 392297.3/42$

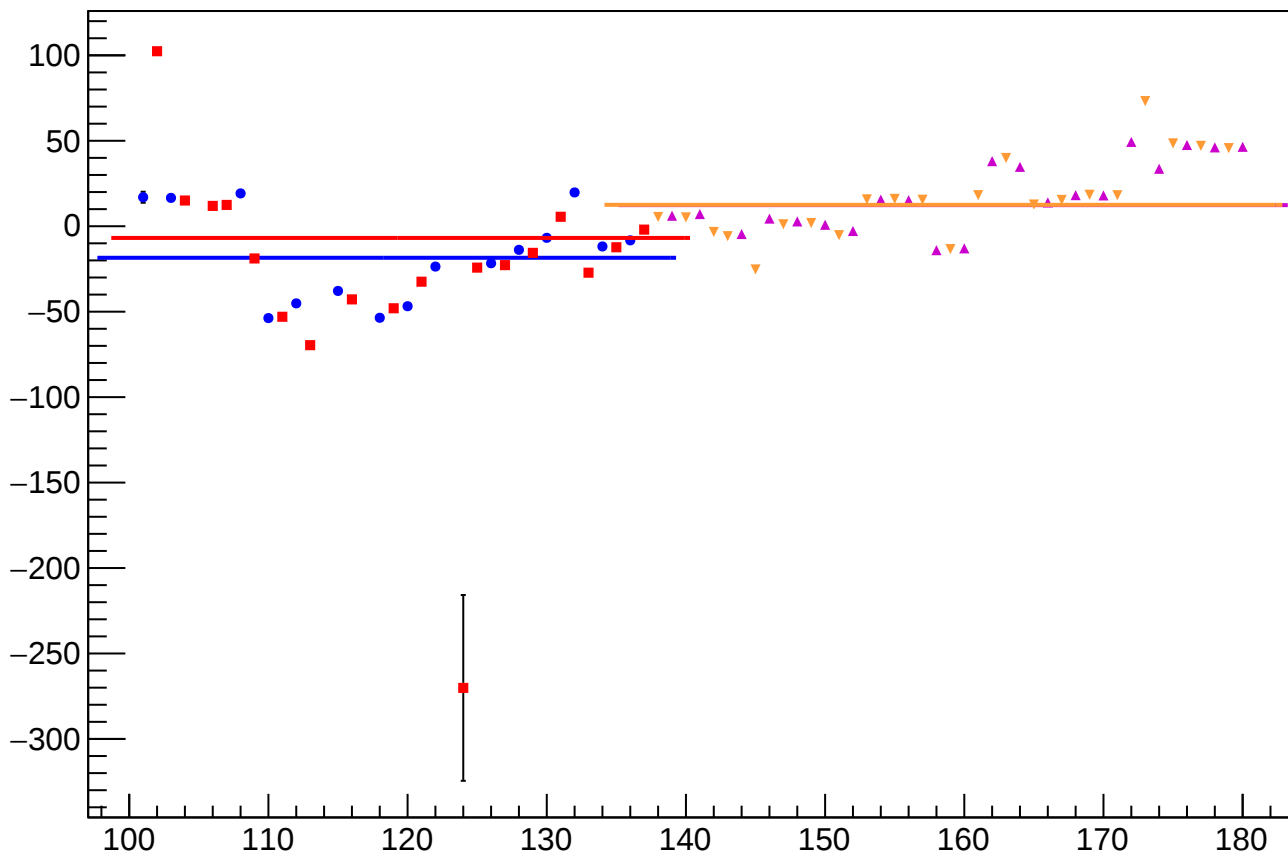
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -260.091 ± 0.018 $\chi^2/\text{NDF}: 1219877.0/35$

Out: -257.127 ± 0.019 $\chi^2/\text{NDF}: 534273.3/39$

All: -258.687 ± 0.013 $\chi^2/\text{NDF}: 1767100.6/75$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 12.517 ± 0.020 $\chi^2/\text{NDF}: 610193.9/21$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 12.347 ± 0.019 $\chi^2/\text{NDF}: 907868.2/20$

Left: 12.426 ± 0.014 $\chi^2/\text{NDF}: 1518099.8/42$

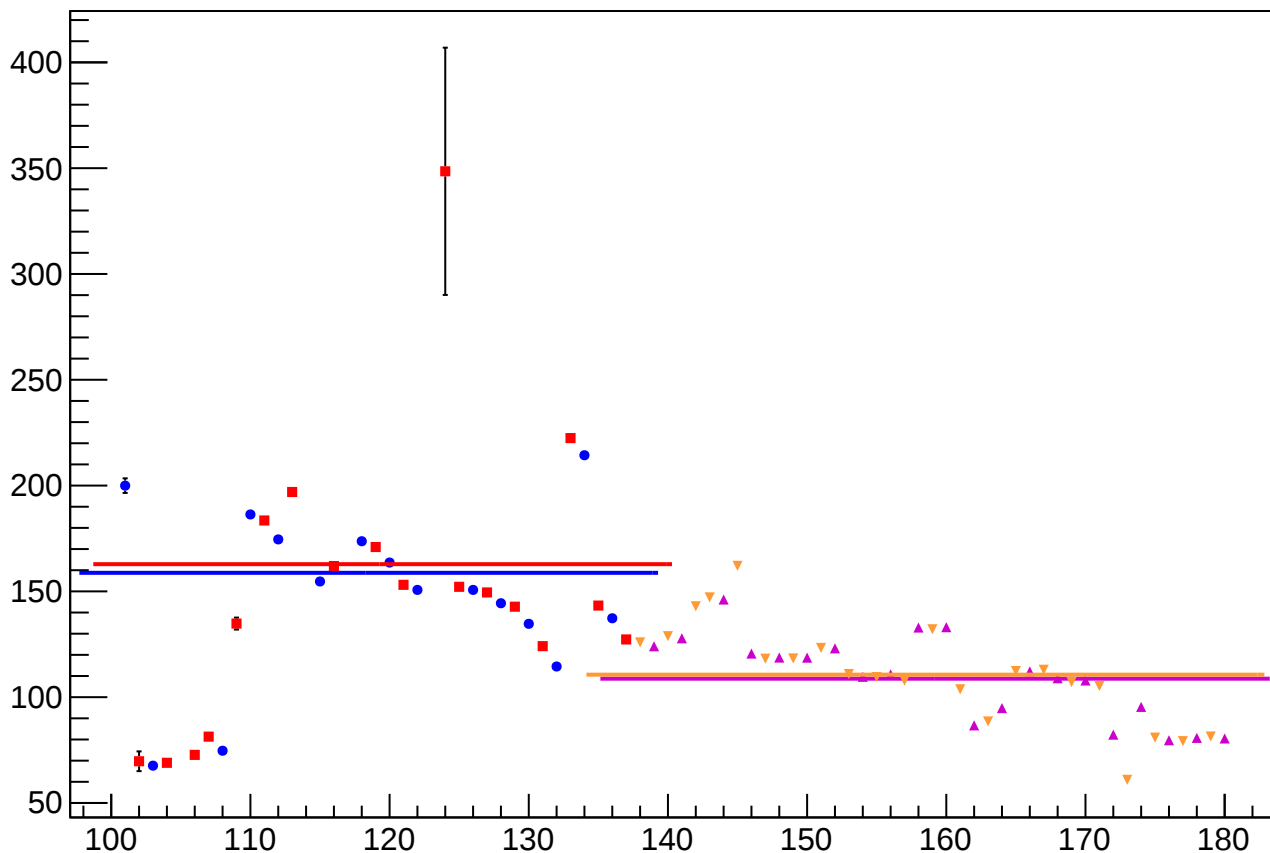
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.072 ± 0.019 $\chi^2/\text{NDF}: 1063595.6/35$

Out: 10.776 ± 0.019 $\chi^2/\text{NDF}: 742024.8/39$

All: 10.930 ± 0.013 $\chi^2/\text{NDF}: 1805741.9/75$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 110.643 ± 0.024 χ^2/NDF : 428626.2/21

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 108.737 ± 0.020 χ^2/NDF : 653010.2/20

Left: 109.531 ± 0.015 χ^2/NDF : 1085365.2/42

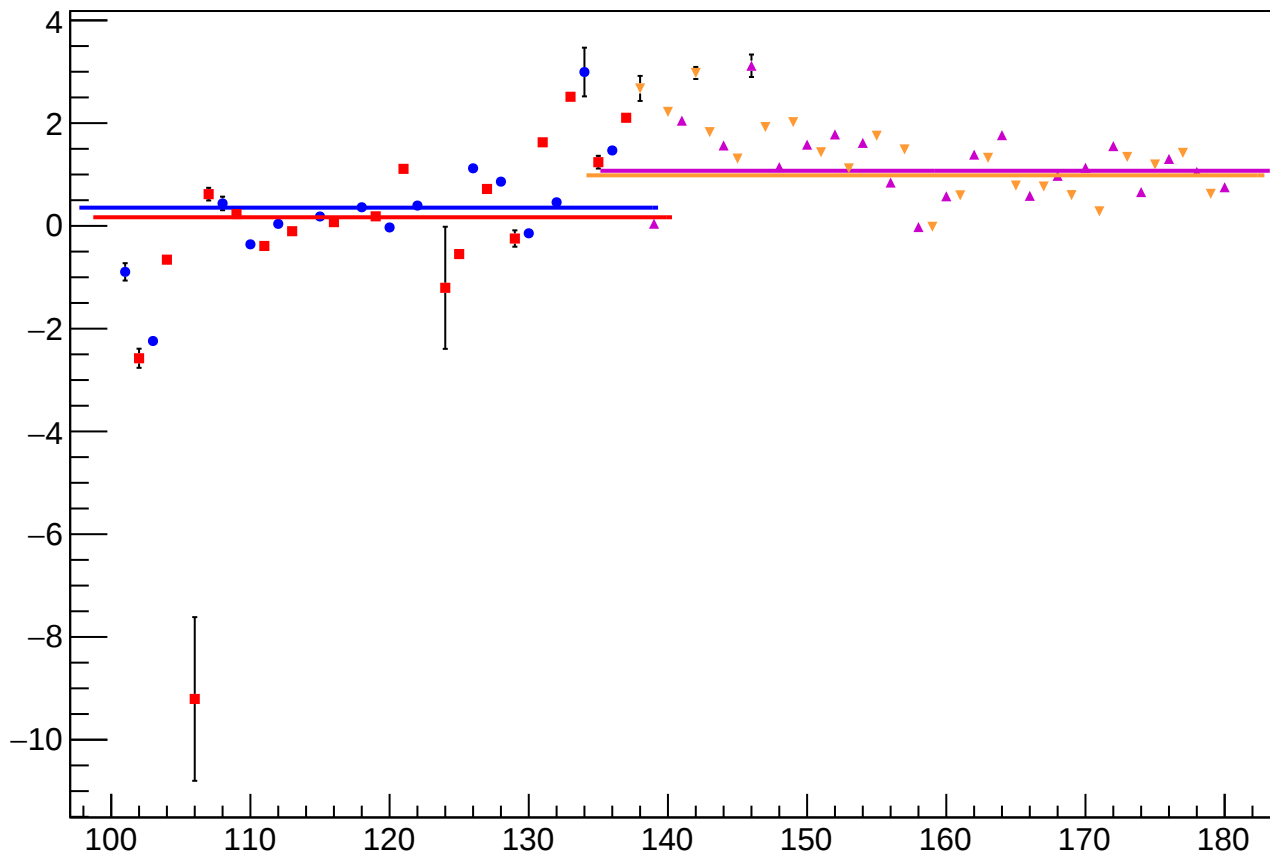
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 111.214 ± 0.020 χ^2/NDF : 1117161.3/35

Out: 113.848 ± 0.023 χ^2/NDF : 878966.6/39

All: 112.319 ± 0.015 χ^2/NDF : 2003670.0/75

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.984 ± 0.007 $\chi^2/\text{NDF}: 6408.1/21$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.073 ± 0.007 $\chi^2/\text{NDF}: 7151.3/20$

Left: 1.032 ± 0.005 $\chi^2/\text{NDF}: 13641.4/42$

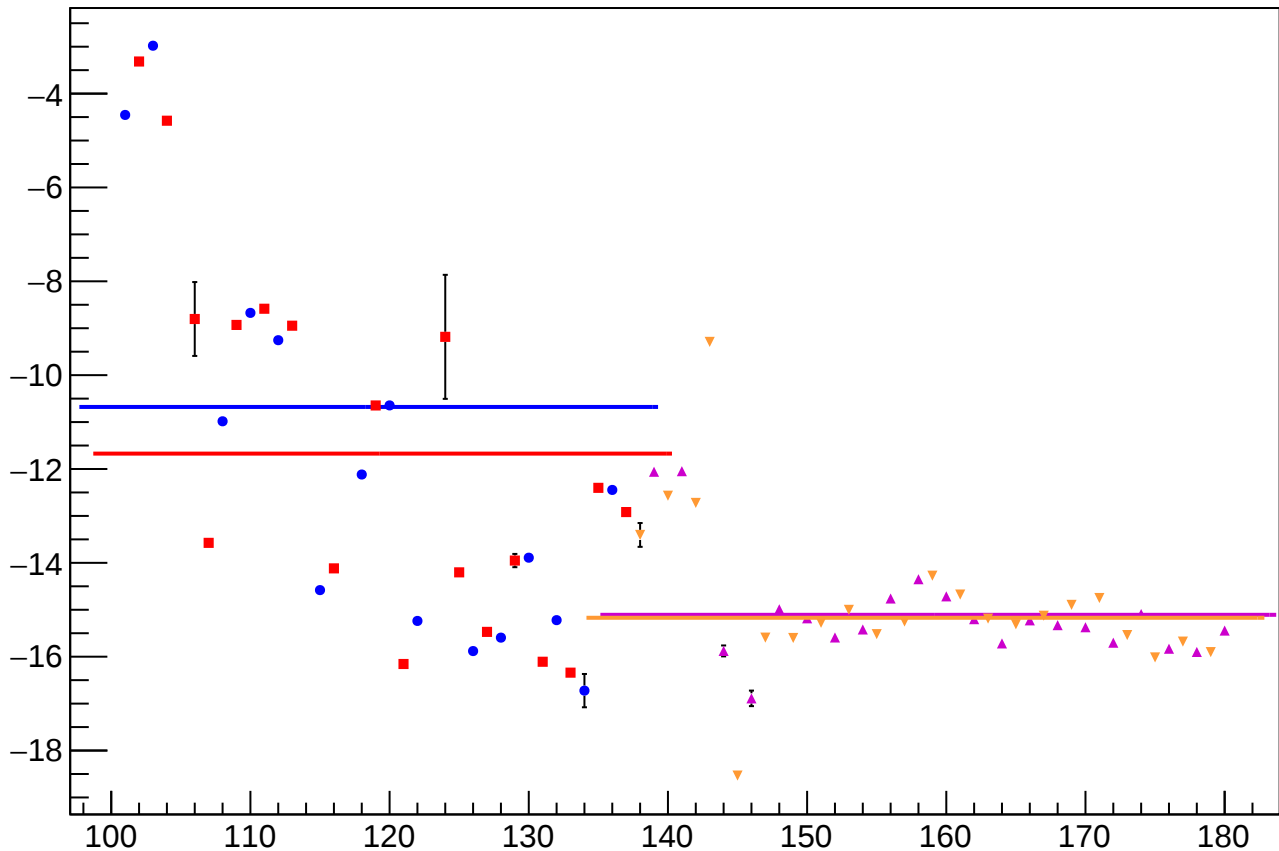
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.900 ± 0.006 $\chi^2/\text{NDF}: 13990.3/35$

Out: 0.600 ± 0.005 $\chi^2/\text{NDF}: 17030.7/39$

All: 0.735 ± 0.004 $\chi^2/\text{NDF}: 32498.8/75$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.171 $\pm$ 0.006 χ^2/NDF : 37950.5/21

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.108 $\pm$ 0.006 χ^2/NDF : 14329.3/20

Left: -15.139 $\pm$ 0.004 χ^2/NDF : 52337.8/42

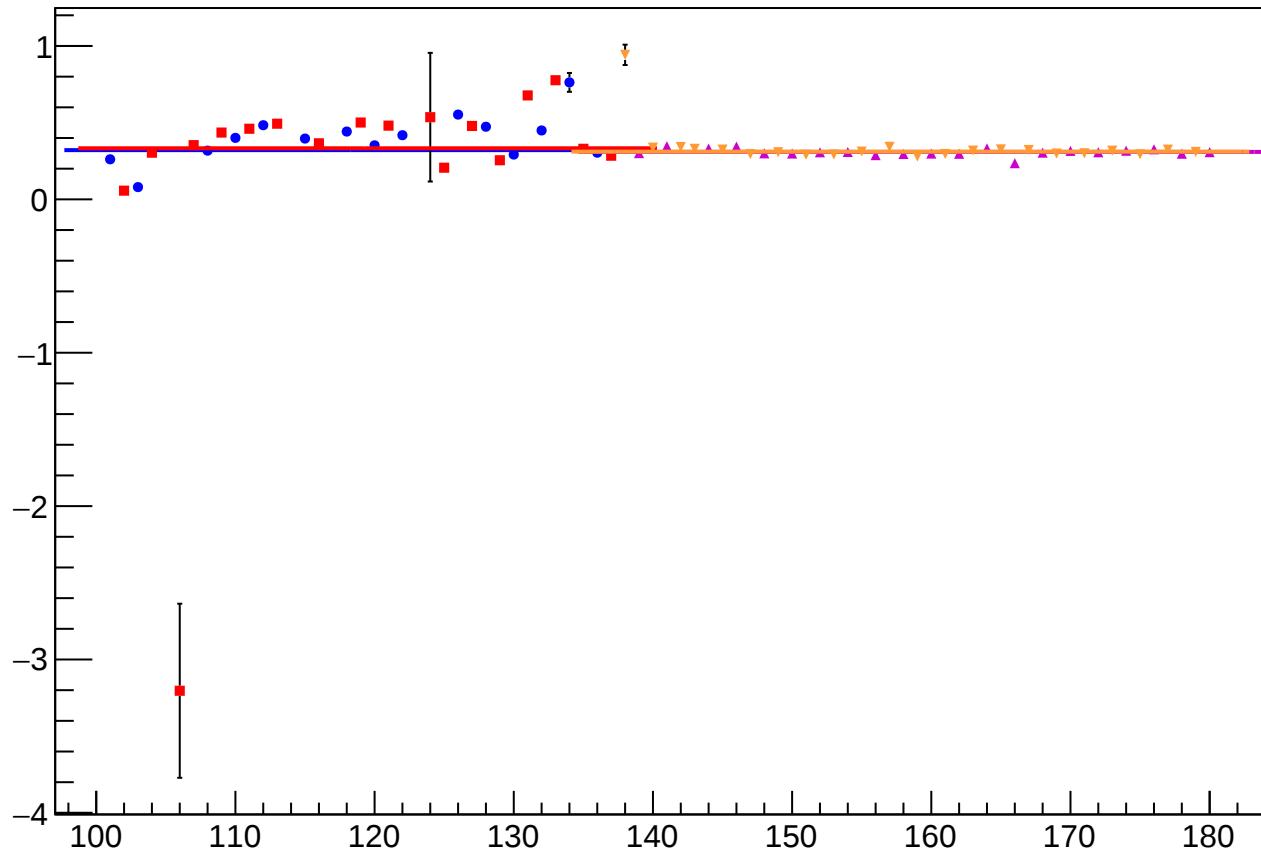
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -14.012 $\pm$ 0.005 χ^2/NDF : 380944.7/35

Out: -14.471 $\pm$ 0.005 χ^2/NDF : 218048.0/39

All: -14.237 $\pm$ 0.004 χ^2/NDF : 602937.8/75

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 :5109.7/21

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF :2991.9/20

Left: 0.310+/-0.000 χ^2/NDF : 8128.9/42

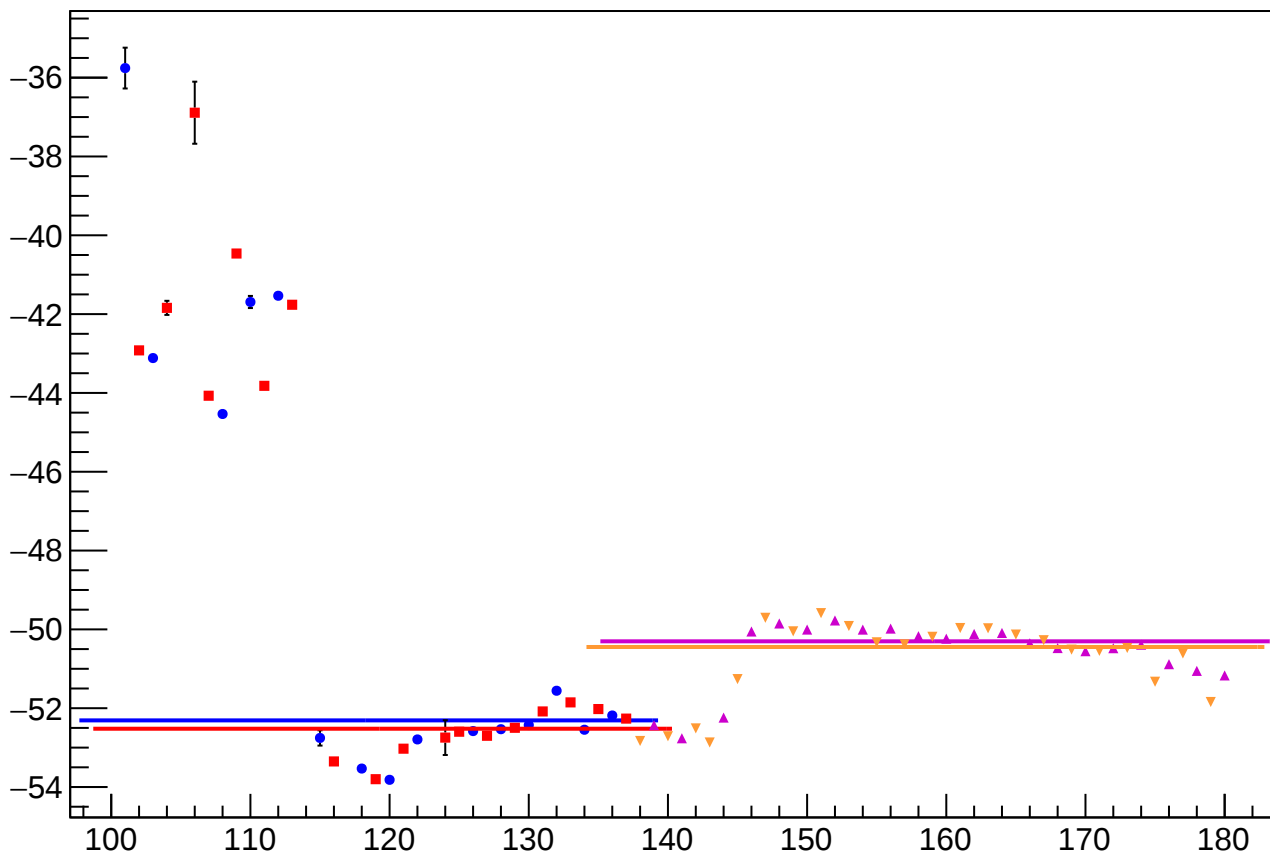
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :7152.6/35

Out: 0.312+/-0.000 χ^2/NDF :9577.5/39

All: 0.311+/-0.000 χ^2/NDF : 16759.5/75

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.447 ± 0.002 χ^2/NDF : 255624.8/21

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.303 ± 0.001 χ^2/NDF : 174534.5/20

Left: -50.364 ± 0.001 χ^2/NDF : 435441.2/42

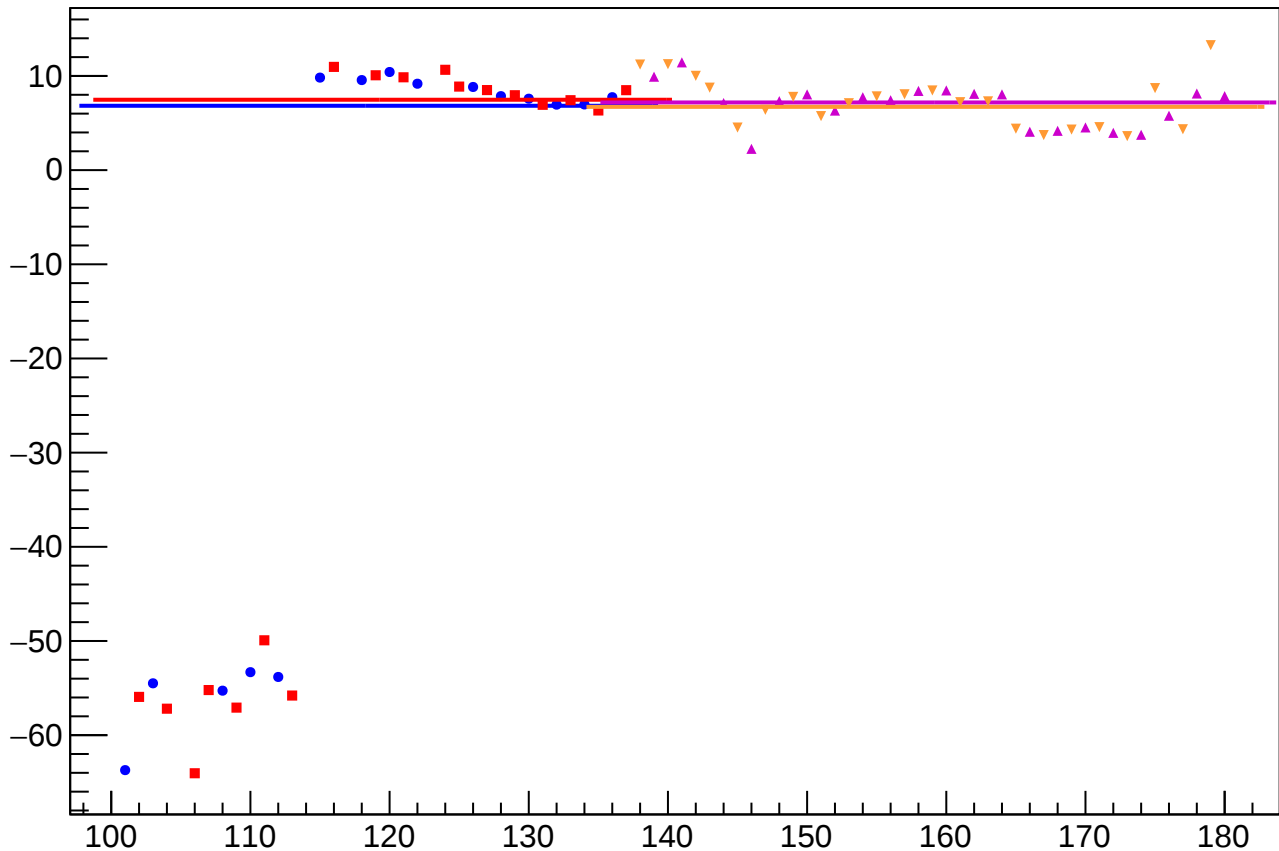
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.461 ± 0.001 χ^2/NDF : 418251.1/35

Out: -50.646 ± 0.001 χ^2/NDF : 515549.5/39

All: -50.541 ± 0.001 χ^2/NDF : 943355.6/75

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.718 ± 0.004 $\chi^2/\text{NDF}: 333502.3/21$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.186 ± 0.003 $\chi^2/\text{NDF}: 197741.9/20$

Left: 6.970 ± 0.003 $\chi^2/\text{NDF}: 539630.6/42$

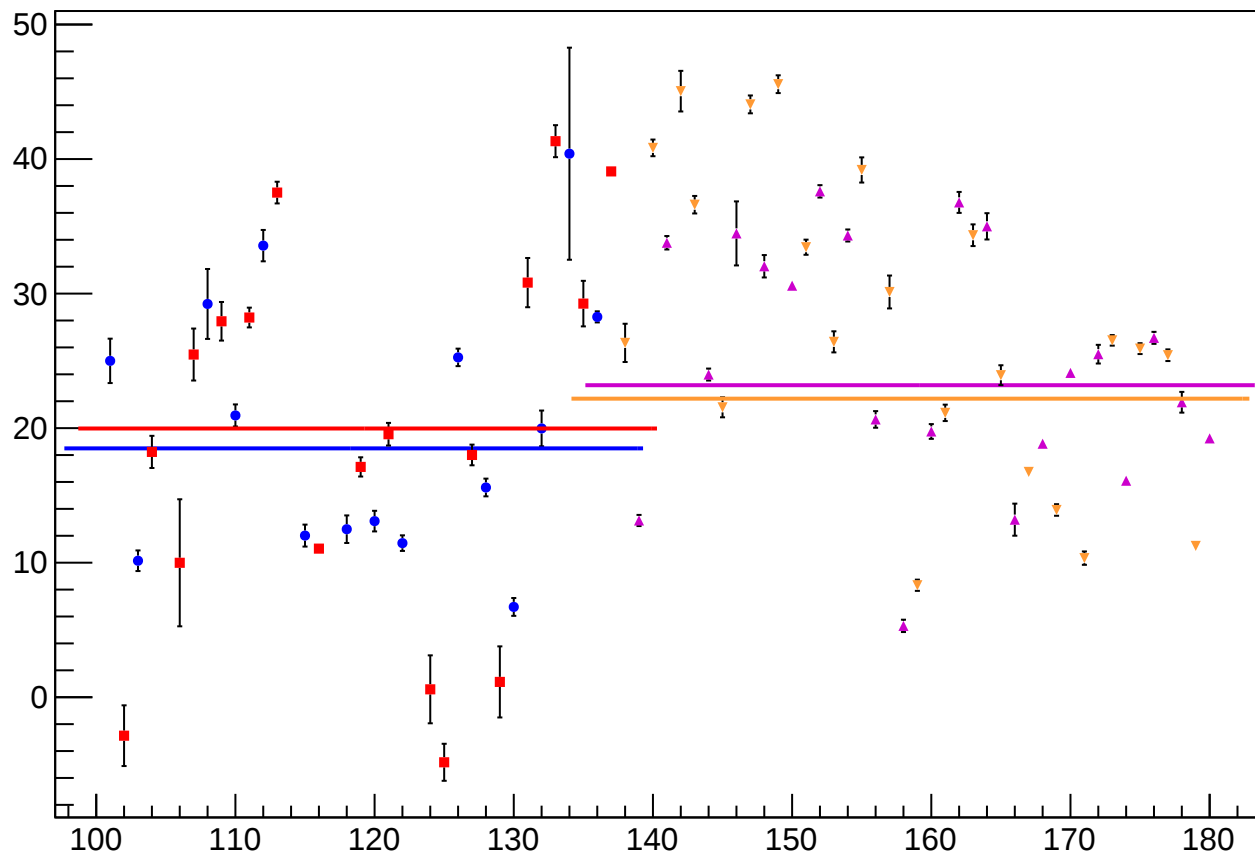
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.073 ± 0.003 $\chi^2/\text{NDF}: 1191605.1/35$

Out: 6.824 ± 0.003 $\chi^2/\text{NDF}: 1534687.4/39$

All: 6.972 ± 0.002 $\chi^2/\text{NDF}: 2729368.9/75$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 22.191 ± 0.111 χ^2/NDF : 8841.4/21

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 23.191 ± 0.100 χ^2/NDF : 6331.2/20

Left: 22.743 ± 0.074 χ^2/NDF : 15217.7/42

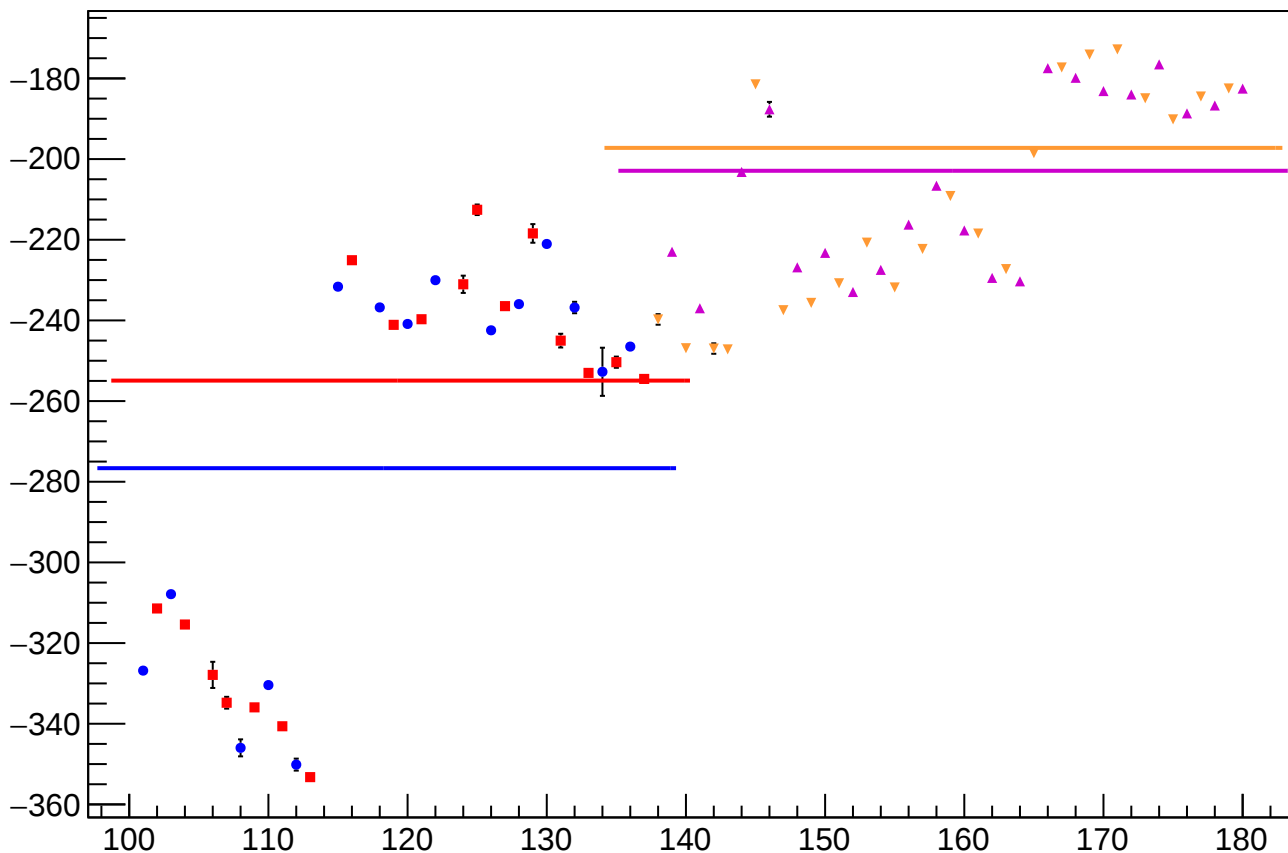
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.256 ± 0.089 χ^2/NDF : 8409.0/35

Out: 21.260 ± 0.084 χ^2/NDF : 18211.0/39

All: 21.730 ± 0.061 χ^2/NDF : 26685.8/75

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -197.222+/-0.092 χ^2/NDF : 67603.2/21

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -202.900+/-0.087 χ^2/NDF : 62229.0/20

Left: -200.214+/-0.063 χ^2/NDF : 131829.8/42

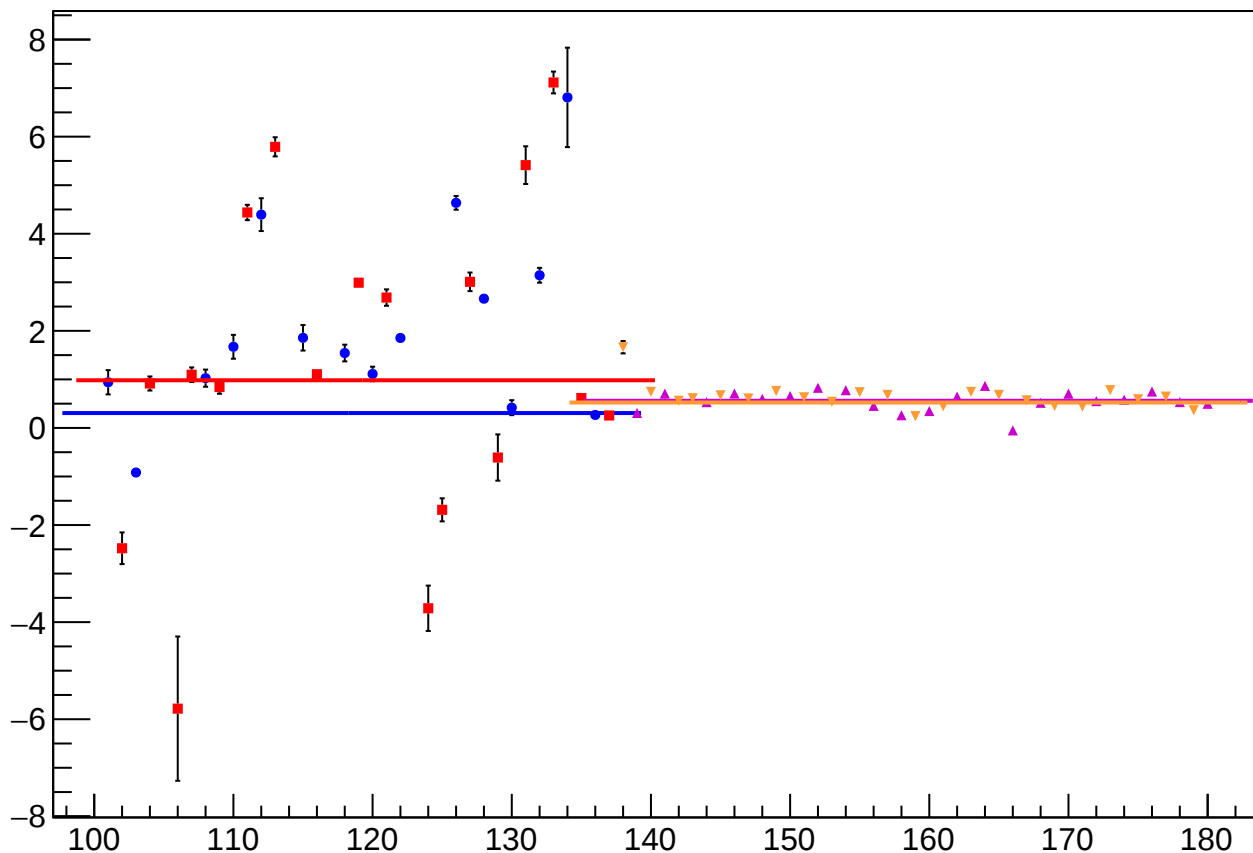
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -222.050+/-0.075 χ^2/NDF : 324238.8/35

Out: -233.366+/-0.056 χ^2/NDF : 384697.2/39

All: -229.294+/-0.045 χ^2/NDF : 723433.3/75

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.524 ± 0.002 $\chi^2/\text{NDF}: 10651.7/21$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.560 ± 0.001 $\chi^2/\text{NDF}: 15923.6/20$

Left: 0.545 ± 0.001 $\chi^2/\text{NDF}: 26817.2/42$

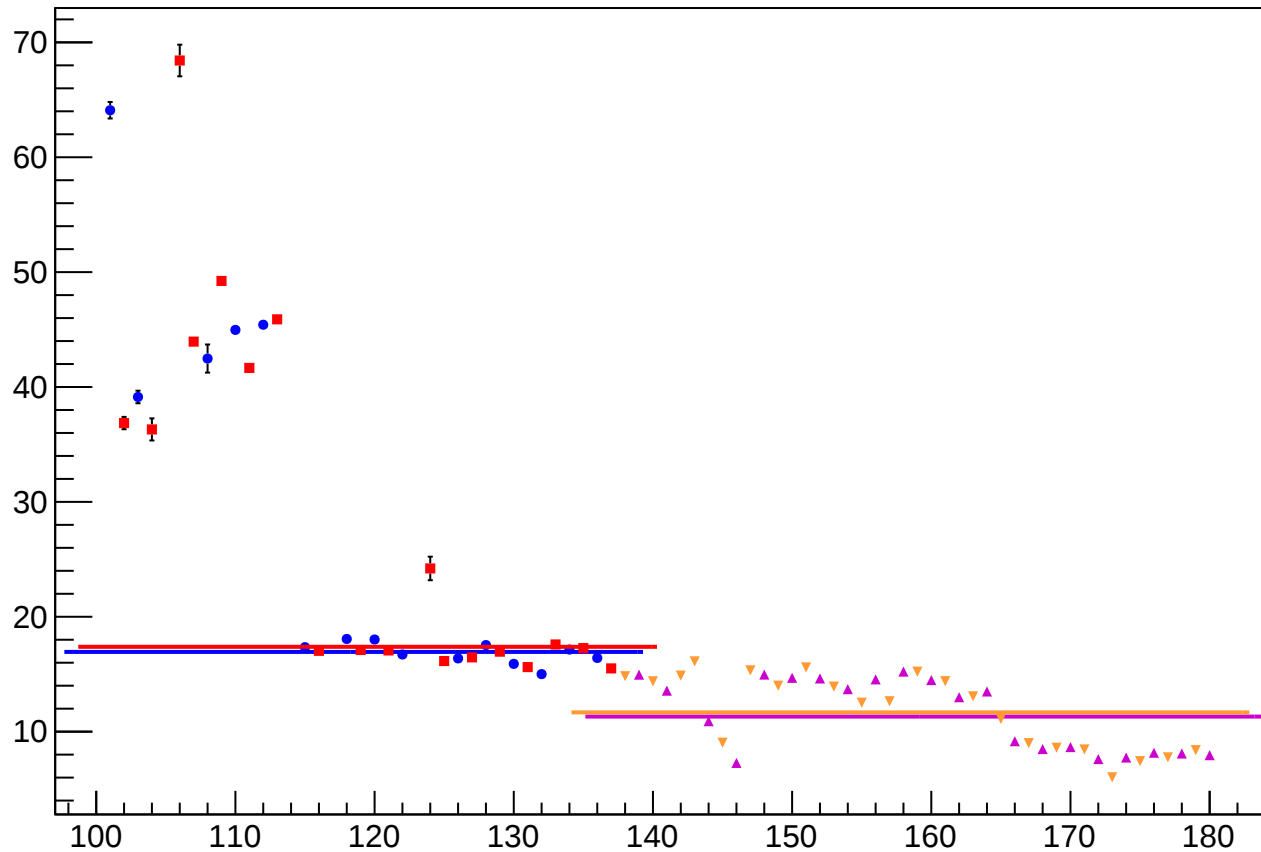
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.548 ± 0.001 $\chi^2/\text{NDF}: 20095.3/35$

Out: 0.530 ± 0.002 $\chi^2/\text{NDF}: 14986.8/39$

All: 0.541 ± 0.001 $\chi^2/\text{NDF}: 35140.5/75$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.677 ± 0.007 $\chi^2/\text{NDF}: 215937.1/21$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.312 ± 0.007 $\chi^2/\text{NDF}: 211204.8/20$

Left: 11.484 ± 0.005 $\chi^2/\text{NDF}: 428478.6/42$

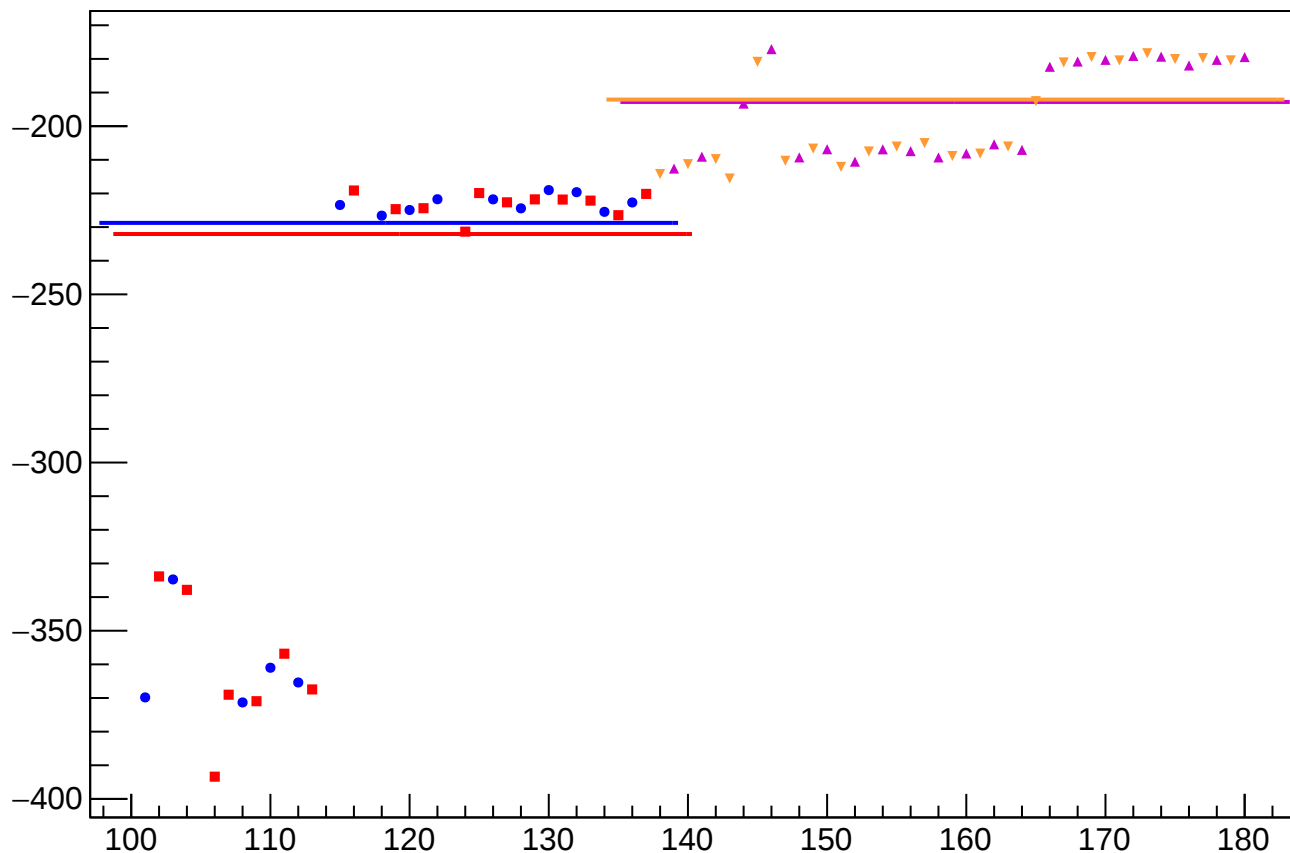
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.552 ± 0.006 $\chi^2/\text{NDF}: 389377.6/35$

Out: 12.510 ± 0.007 $\chi^2/\text{NDF}: 367016.3/39$

All: 12.533 ± 0.004 $\chi^2/\text{NDF}: 756416.2/75$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -192.091 ± 0.012 $\chi^2/\text{NDF}: 1356330.7/21$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -192.798 ± 0.012 $\chi^2/\text{NDF}: 1367145.7/20$

Left: -192.457 ± 0.009 $\chi^2/\text{NDF}: 2725170.4/42$

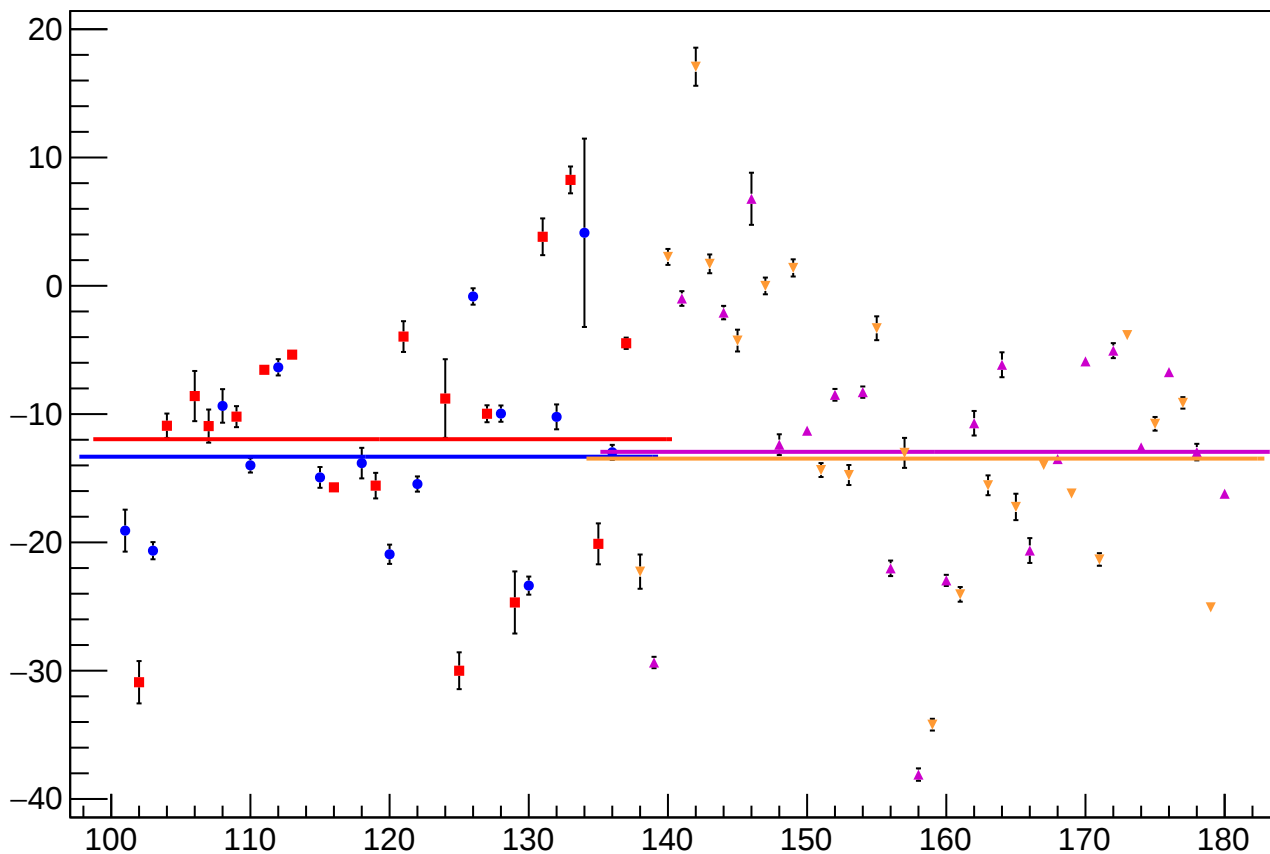
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -196.611 ± 0.011 $\chi^2/\text{NDF}: 2985135.6/35$

Out: -195.379 ± 0.012 $\chi^2/\text{NDF}: 3007251.5/39$

All: -196.024 ± 0.008 $\chi^2/\text{NDF}: 5998054.2/75$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -13.469 ± 0.115 $\chi^2/\text{NDF}: 7152.6/21$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -12.942 ± 0.101 $\chi^2/\text{NDF}: 7271.6/20$

Left: -13.170 ± 0.076 $\chi^2/\text{NDF}: 14436.0/42$

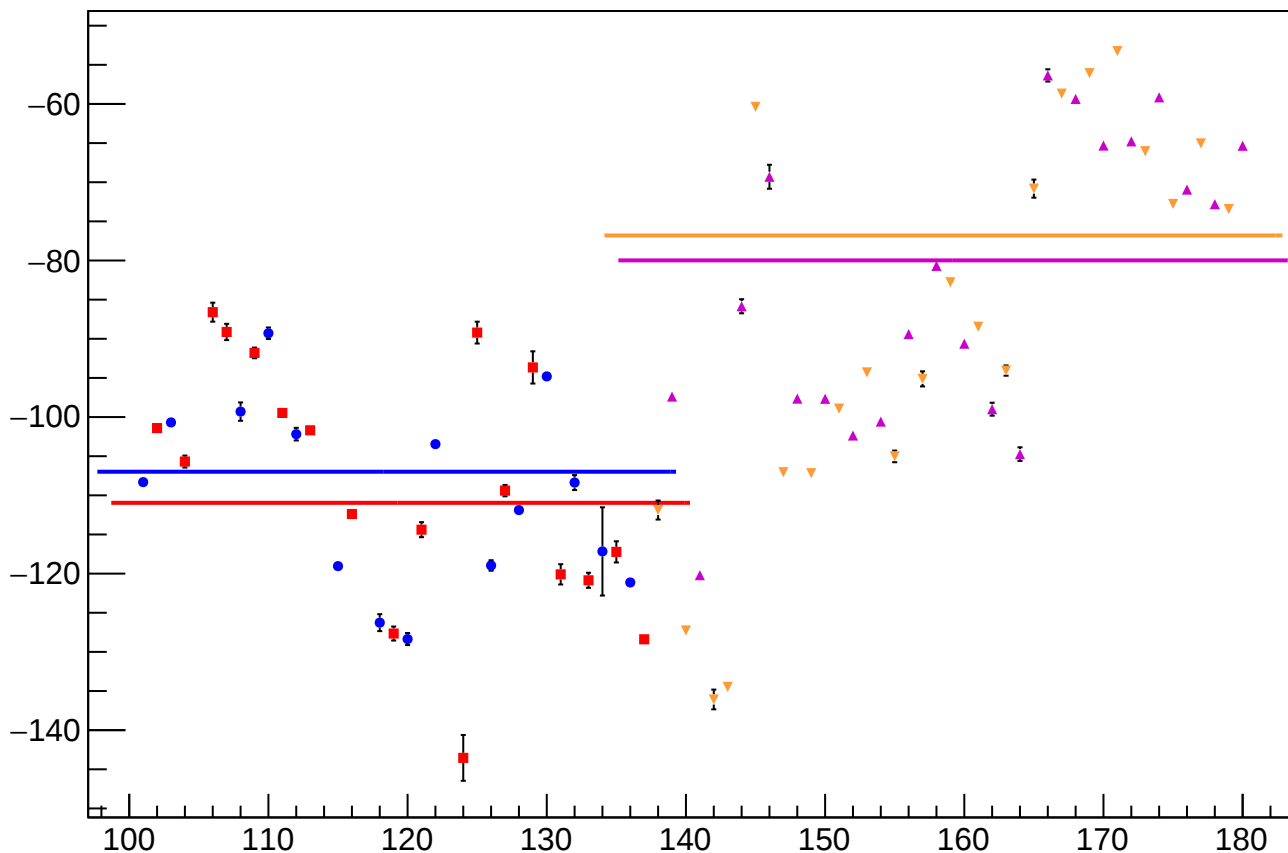
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.023 ± 0.090 $\chi^2/\text{NDF}: 8287.6/35$

Out: -12.694 ± 0.081 $\chi^2/\text{NDF}: 9727.7/39$

All: -12.841 ± 0.060 $\chi^2/\text{NDF}: 18022.8/75$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -76.800 ± 0.093 χ^2/NDF : 53176.1/21

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.984 ± 0.087 χ^2/NDF : 44351.9/20

Left: -78.499 ± 0.063 χ^2/NDF : 98158.1/42

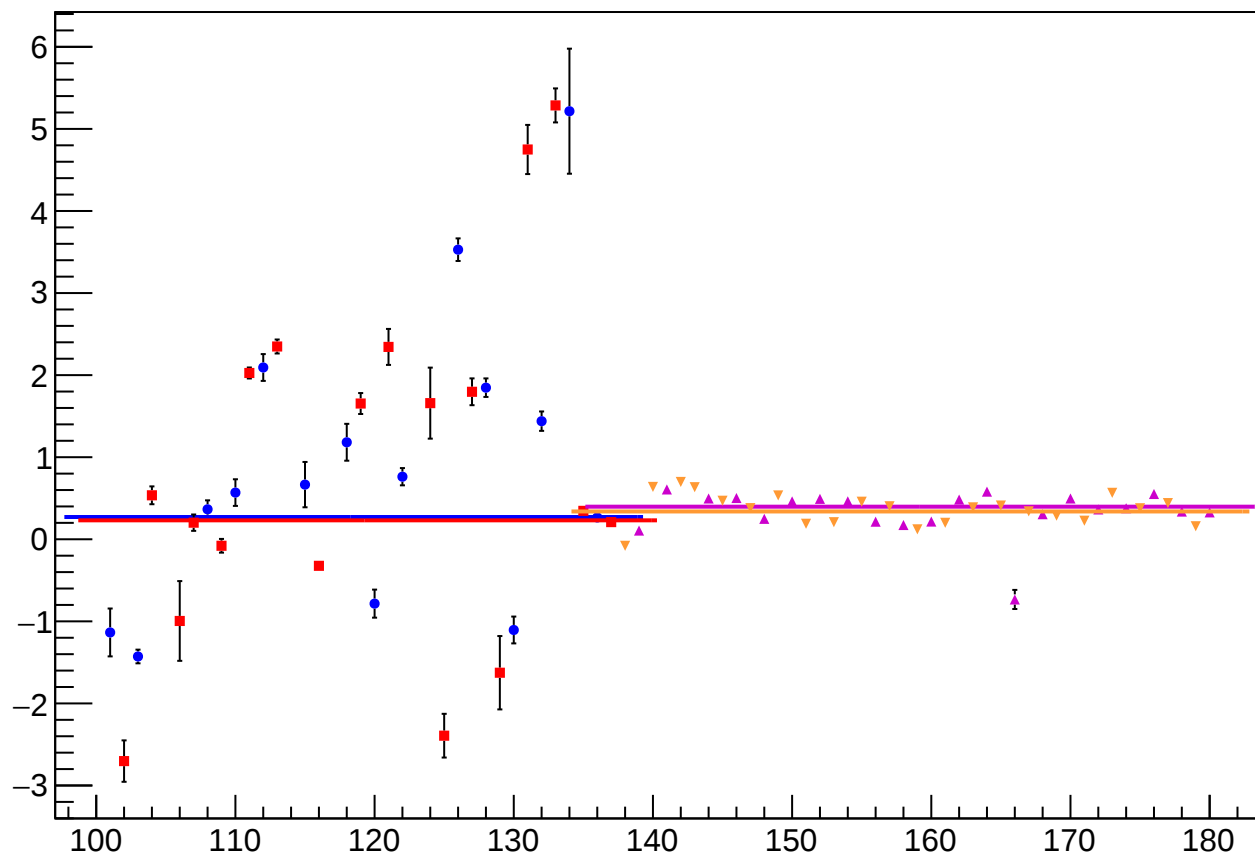
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.315 ± 0.068 χ^2/NDF : 86184.4/35

Out: -103.209 ± 0.044 χ^2/NDF : 168892.9/39

All: -99.393 ± 0.037 χ^2/NDF : 280345.8/75

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.339 ± 0.002 $\chi^2/\text{NDF}: 10101.1/21$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.397 ± 0.001 $\chi^2/\text{NDF}: 9667.7/20$

Left: 0.372 ± 0.001 $\chi^2/\text{NDF}: 20430.1/42$

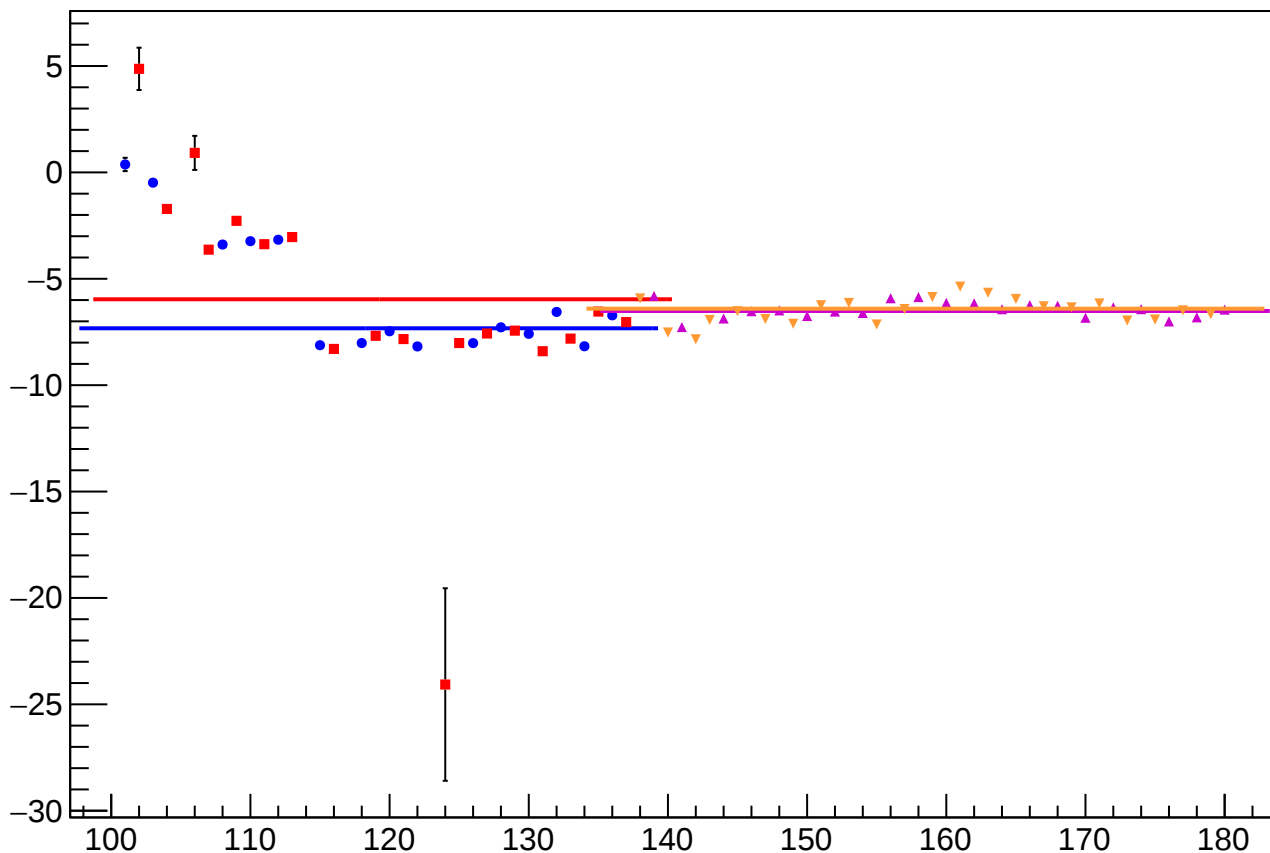
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.388 ± 0.001 $\chi^2/\text{NDF}: 11799.6/35$

Out: 0.325 ± 0.002 $\chi^2/\text{NDF}: 13529.7/39$

All: 0.360 ± 0.001 $\chi^2/\text{NDF}: 26202.0/75$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.405+/-0.005 χ^2/NDF : 6604.3/21

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.513+/-0.005 χ^2/NDF : 6742.3/20

Left: -6.462+/-0.003 χ^2/NDF : 13601.8/42

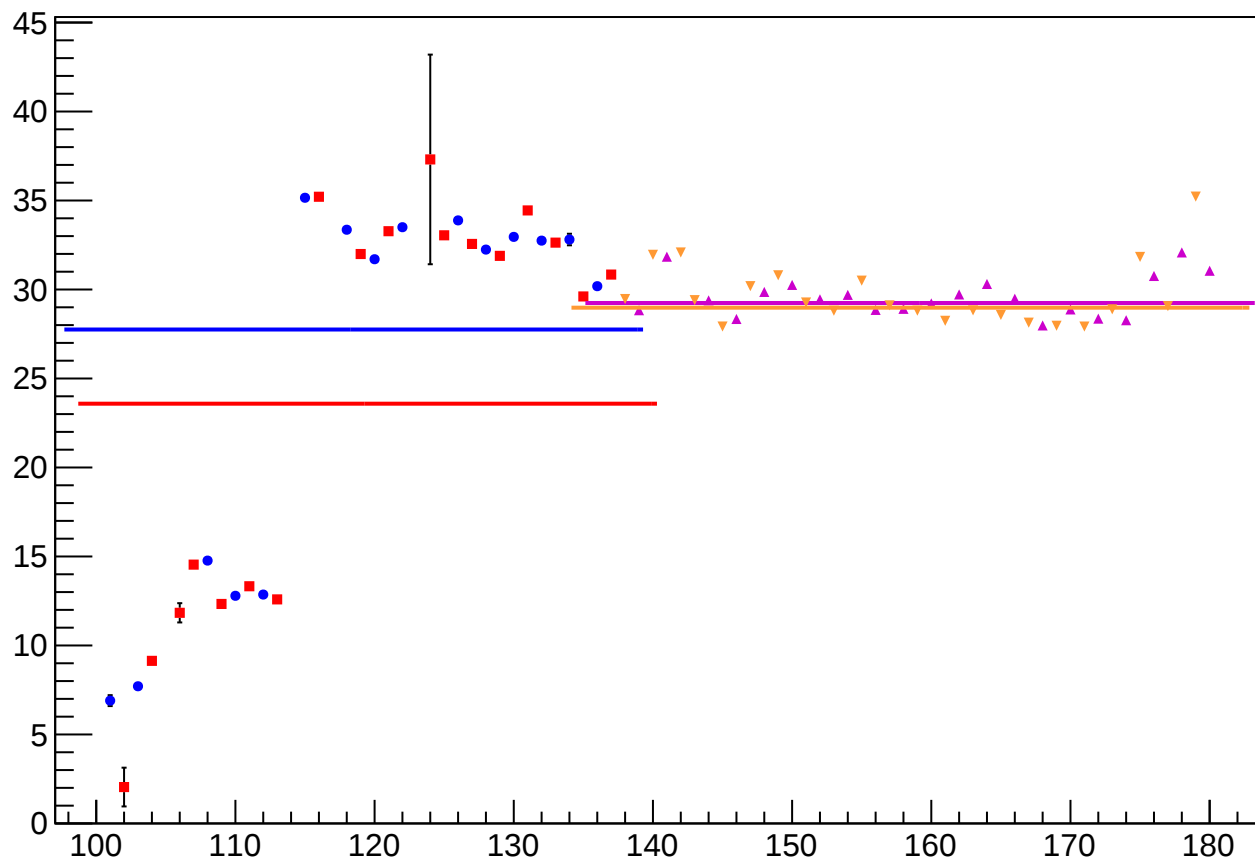
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.703+/-0.004 χ^2/NDF : 44464.7/35

Out: -6.299+/-0.004 χ^2/NDF : 80330.0/39

All: -6.513+/-0.003 χ^2/NDF : 129475.5/75

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752+/-0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.979+/-0.009 χ^2 /NDF:30111.8/21

Right Out: 23.585+/-0.014 χ^2 /NDF: 539616.2/17

Left In: 29.242+/-0.008 χ^2 /NDF:9874.2/20

Left: 29.114+/-0.006 χ^2 /NDF: 40458.8/42

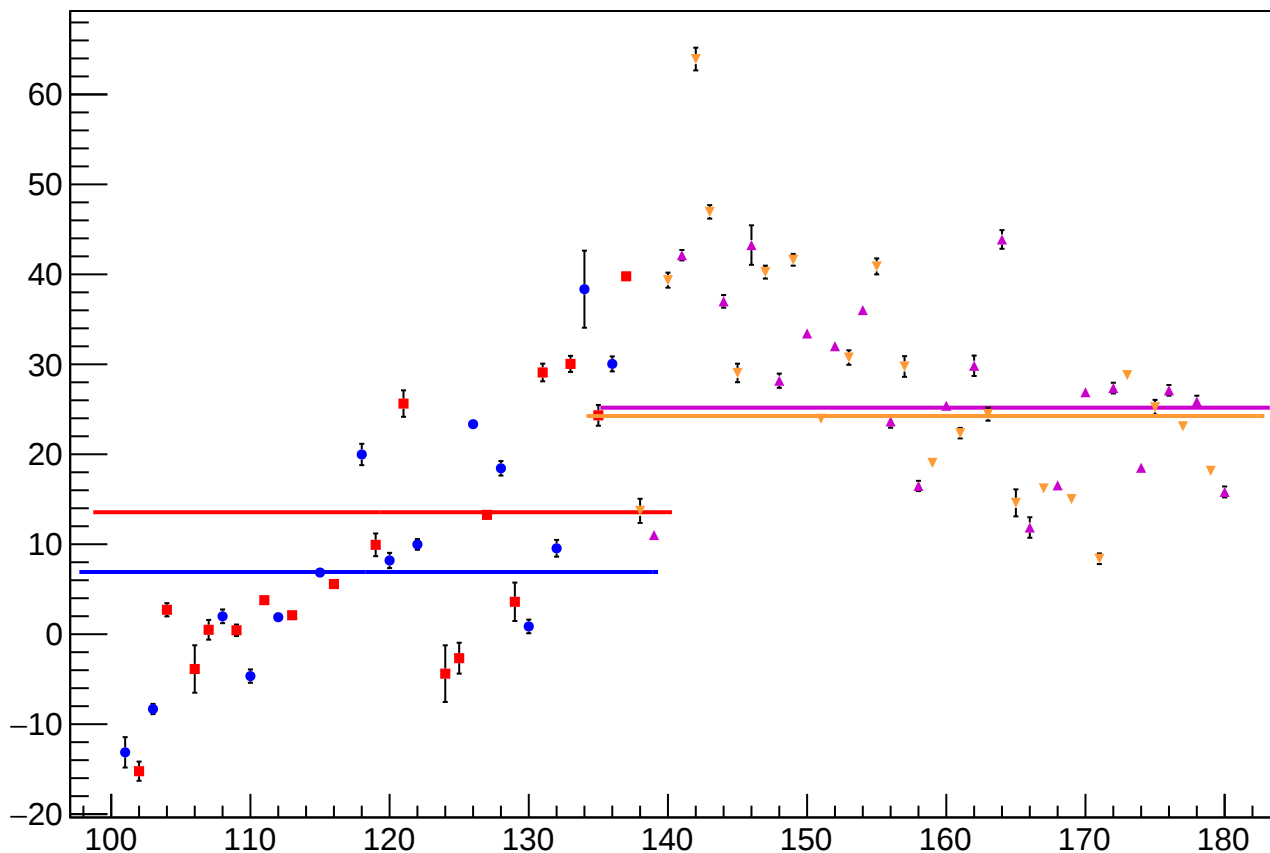
Right: 25.477+/-0.010 χ^2 /NDF: 914478.1/32

In: 28.885+/-0.007 χ^2 /NDF:350264.3/35

Out: 27.434+/-0.007 χ^2 /NDF:680121.4/39

All: 28.157+/-0.005 χ^2 /NDF: 1049864.7/75

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 24.253 ± 0.131 χ^2/NDF : 6127.5/21

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 25.180 ± 0.114 χ^2/NDF : 6066.7/20

Left: 24.778 ± 0.086 χ^2/NDF : 12222.7/42

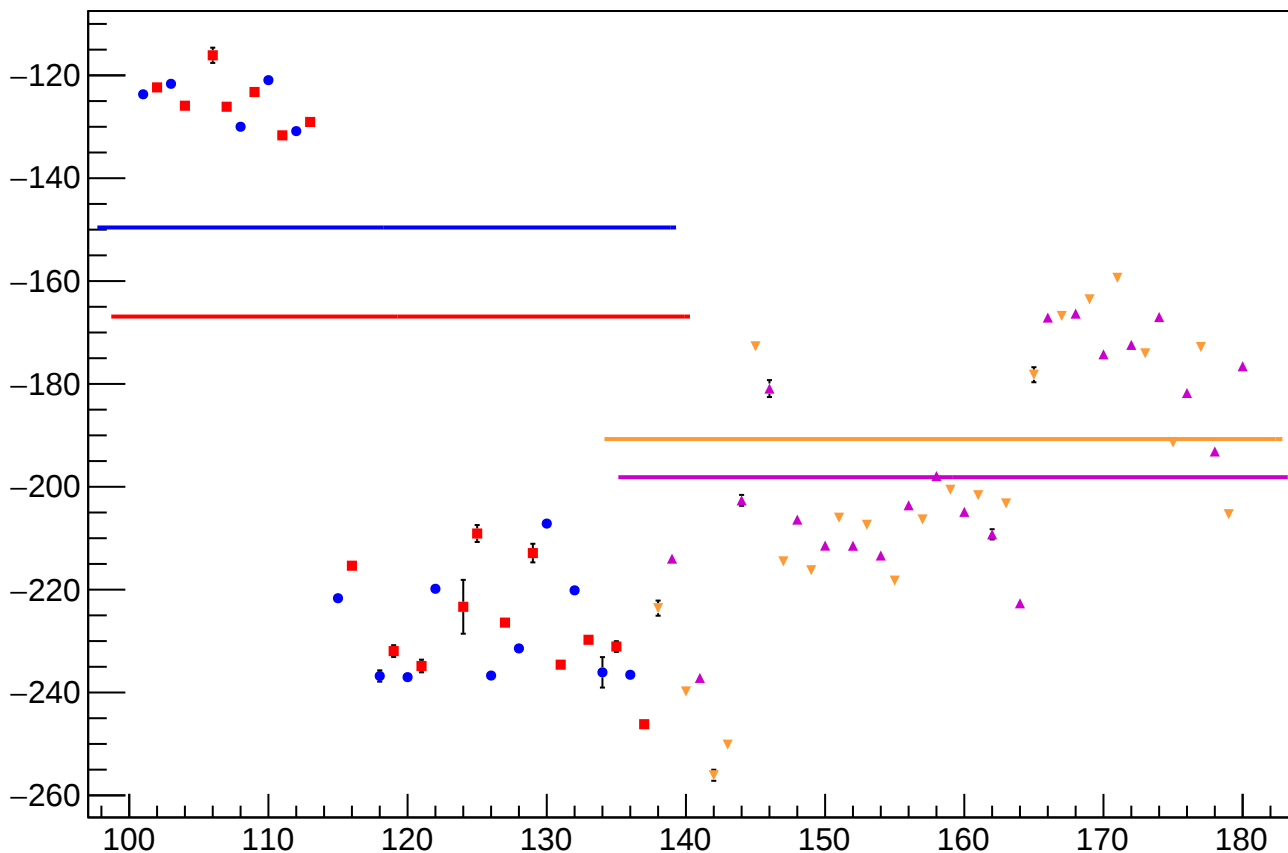
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 19.783 ± 0.096 χ^2/NDF : 17109.4/35

Out: 19.465 ± 0.097 χ^2/NDF : 20787.8/39

All: 19.626 ± 0.068 χ^2/NDF : 37902.7/75

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.718+/-0.107 χ^2/NDF : 50592.3/21

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -198.132+/-0.099 χ^2/NDF : 41990.1/20

Left: -194.708+/-0.073 χ^2/NDF : 95170.1/42

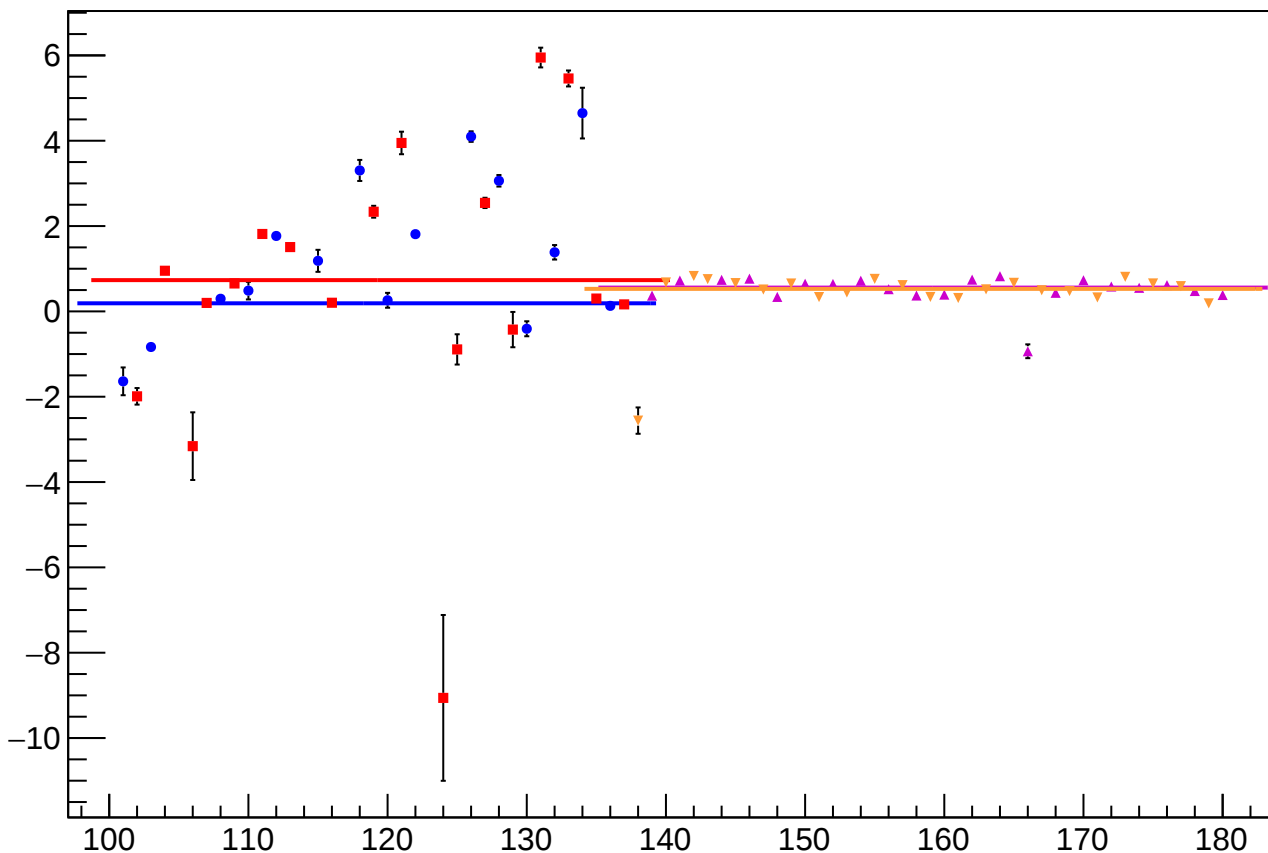
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.297+/-0.071 χ^2/NDF : 355020.0/35

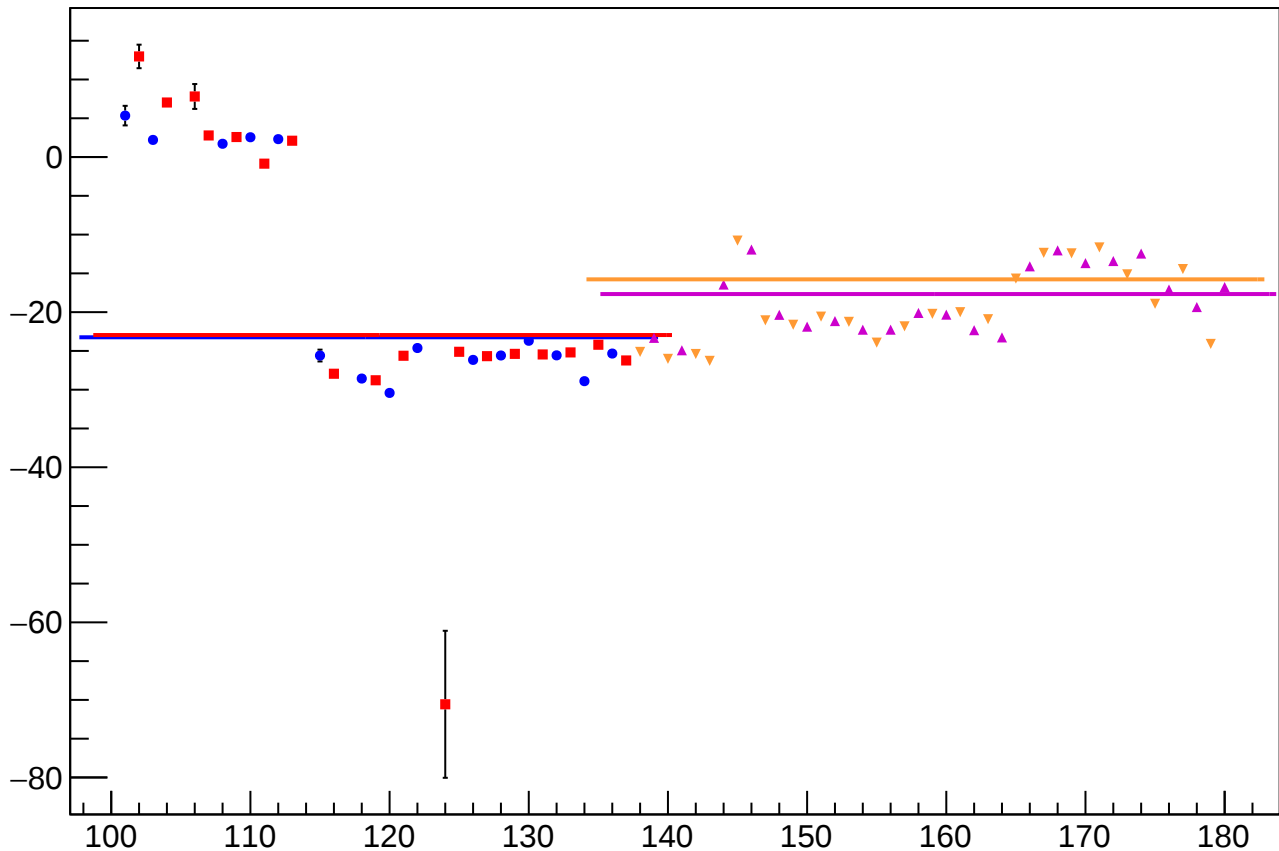
Out: -178.081+/-0.073 χ^2/NDF : 372406.1/39

All: -176.121+/-0.051 χ^2/NDF : 728808.3/75

dit_sam4_11X12X_slope vs Slug, Sign Corrected



dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.771 ± 0.011 $\chi^2/\text{NDF}: 184136.5/21$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.666 ± 0.012 $\chi^2/\text{NDF}: 120330.3/20$

Left: -16.693 ± 0.008 $\chi^2/\text{NDF}: 317866.5/42$

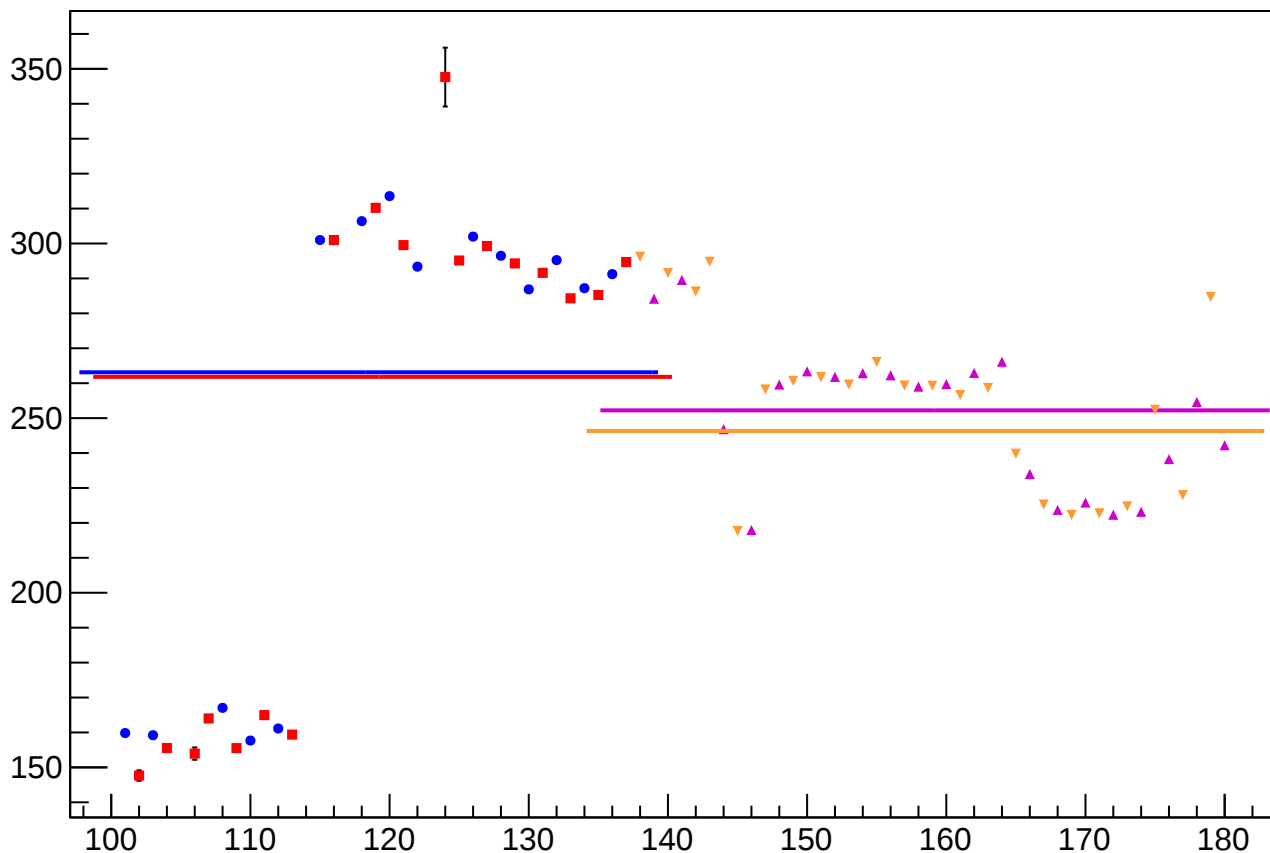
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.689 ± 0.011 $\chi^2/\text{NDF}: 264816.5/35$

Out: -17.037 ± 0.010 $\chi^2/\text{NDF}: 361835.4/39$

All: -17.844 ± 0.007 $\chi^2/\text{NDF}: 639059.6/75$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.296 $\pm$ 0.028 χ^2 /NDF: 684632.8/21

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.220 $\pm$ 0.028 χ^2 /NDF: 358118.7/20

Left: 249.255 $\pm$ 0.020 χ^2 /NDF: 1064401.1/42

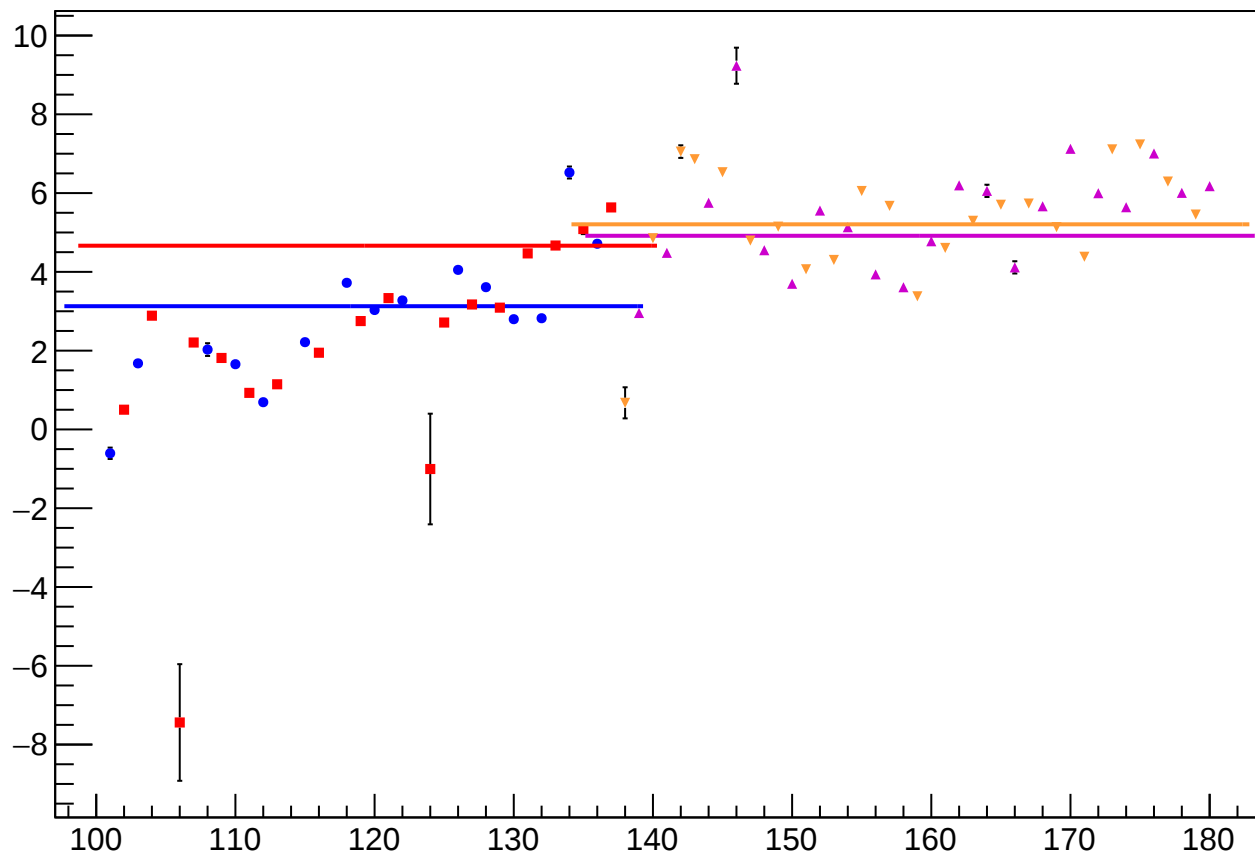
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.804 $\pm$ 0.026 χ^2 /NDF: 1072289.0/35

Out: 249.111 $\pm$ 0.026 χ^2 /NDF: 1744786.7/39

All: 251.405 $\pm$ 0.018 χ^2 /NDF: 2833313.5/75

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.207 ± 0.014 $\chi^2/\text{NDF}: 4423.8/21$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.916 ± 0.013 $\chi^2/\text{NDF}: 10394.1/20$

Left: 5.050 ± 0.009 $\chi^2/\text{NDF}: 15052.0/42$

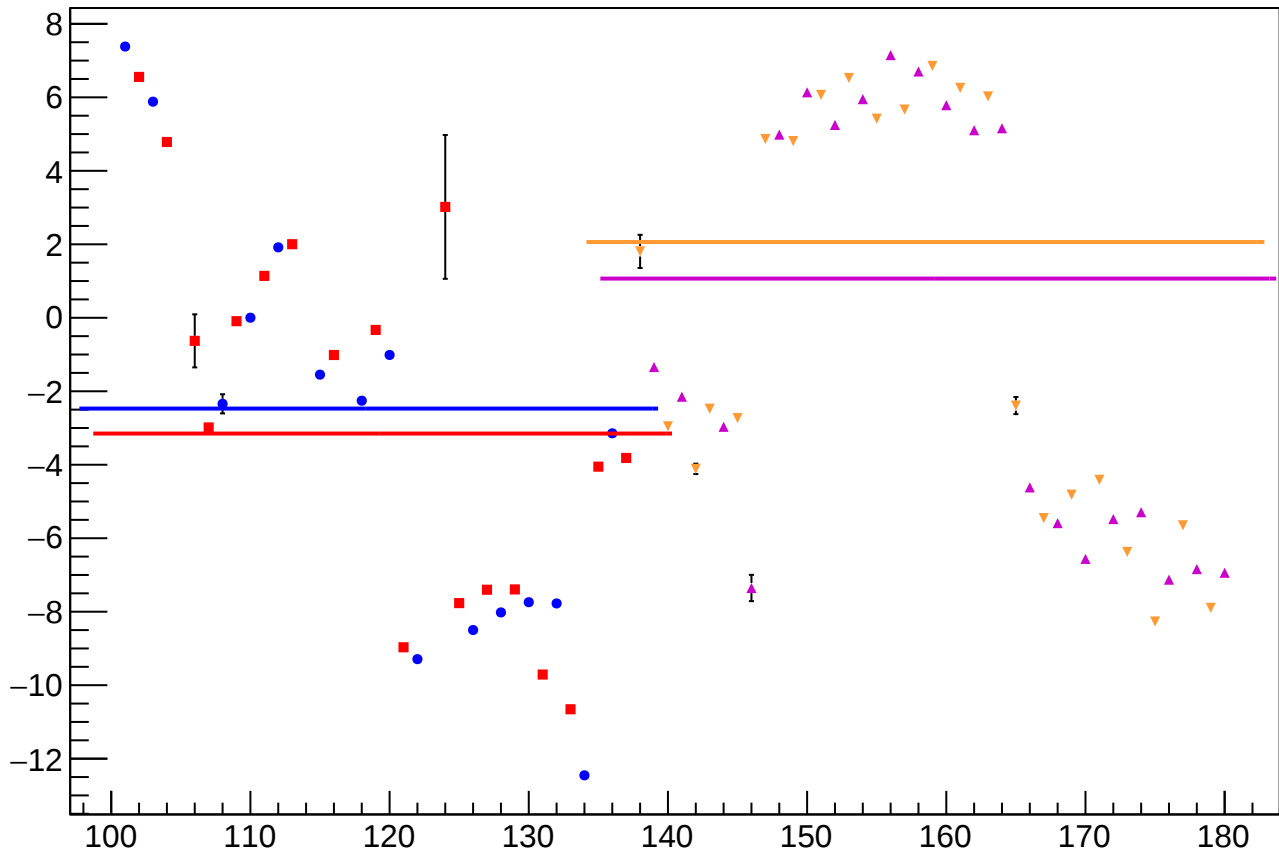
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.200 ± 0.010 $\chi^2/\text{NDF}: 23778.3/35$

Out: 4.757 ± 0.006 $\chi^2/\text{NDF}: 72534.4/39$

All: 4.617 ± 0.005 $\chi^2/\text{NDF}: 98647.3/75$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471±/0.014 χ^2/NDF : 242579.9/14

Left Out: 2.062±/0.012 χ^2/NDF :193378.6/21

Right Out: -3.151±/0.007 χ^2/NDF : 247427.7/17

Left In: 1.067±/0.011 χ^2/NDF :244719.3/20

Left: 1.542±/0.008 χ^2/NDF : 441862.2/42

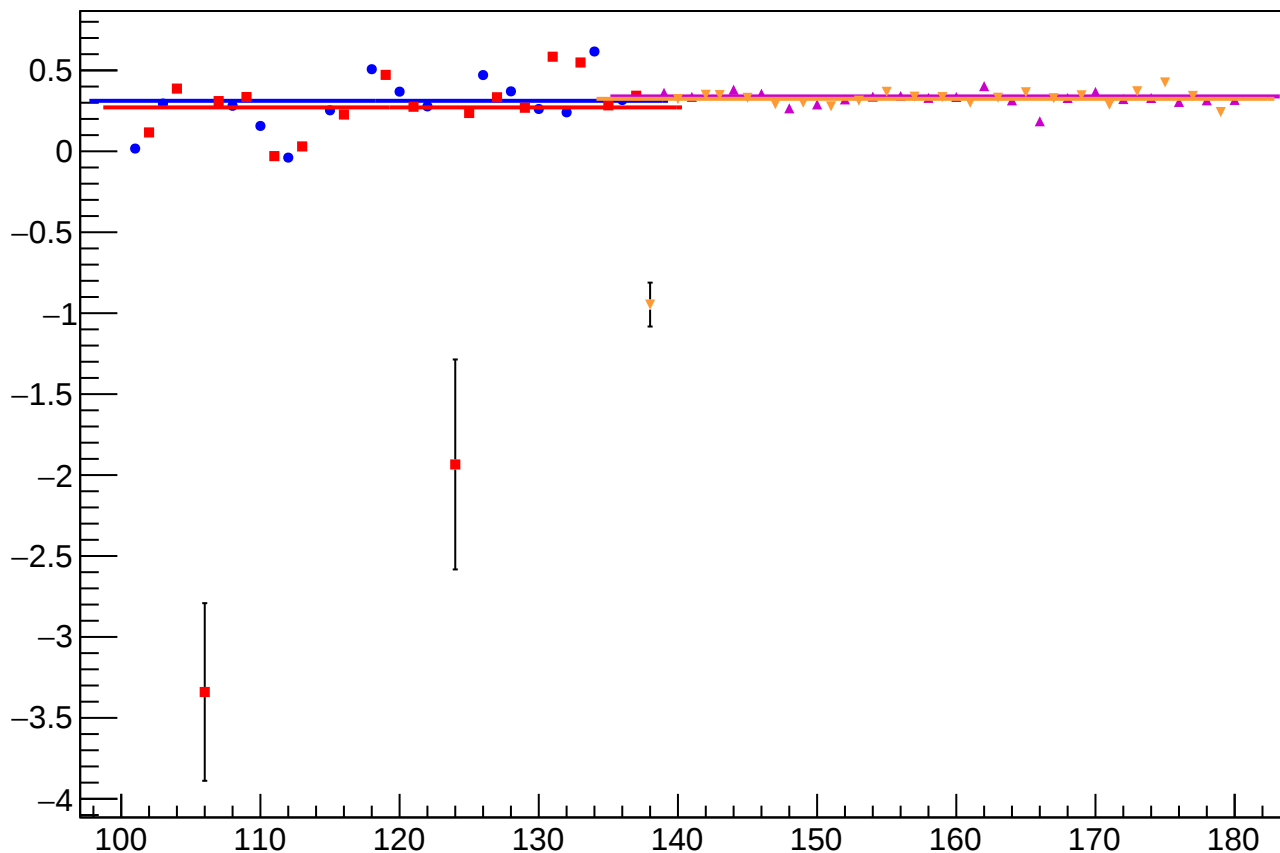
Right: -3.003±/0.007 χ^2/NDF : 491827.6/32

In: -0.301±/0.009 χ^2/NDF :525895.6/35

Out: -1.656±/0.006 χ^2/NDF :581824.4/39

All: -1.197±/0.005 χ^2/NDF : 1123519.6/75

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 2698.9/21$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3415.3/20$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6456.3/42$

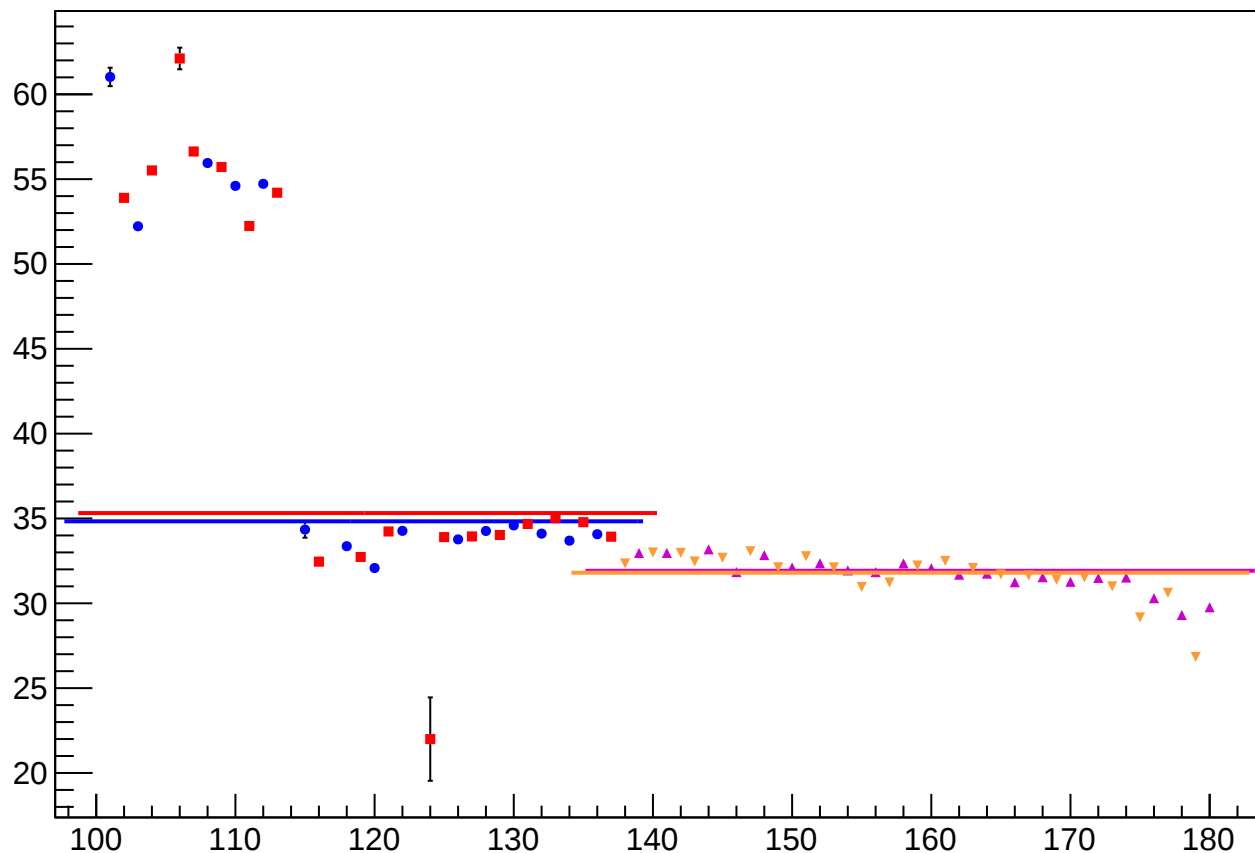
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5113.4/35$

Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 9429.3/39$

All: 0.328 ± 0.000 $\chi^2/\text{NDF}: 14908.0/75$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.803 $\pm$ 0.003 χ^2 /NDF: 47132.8/21

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.919 $\pm$ 0.004 χ^2 /NDF: 22899.2/20

Left: 31.854 $\pm$ 0.002 χ^2 /NDF: 70597.6/42

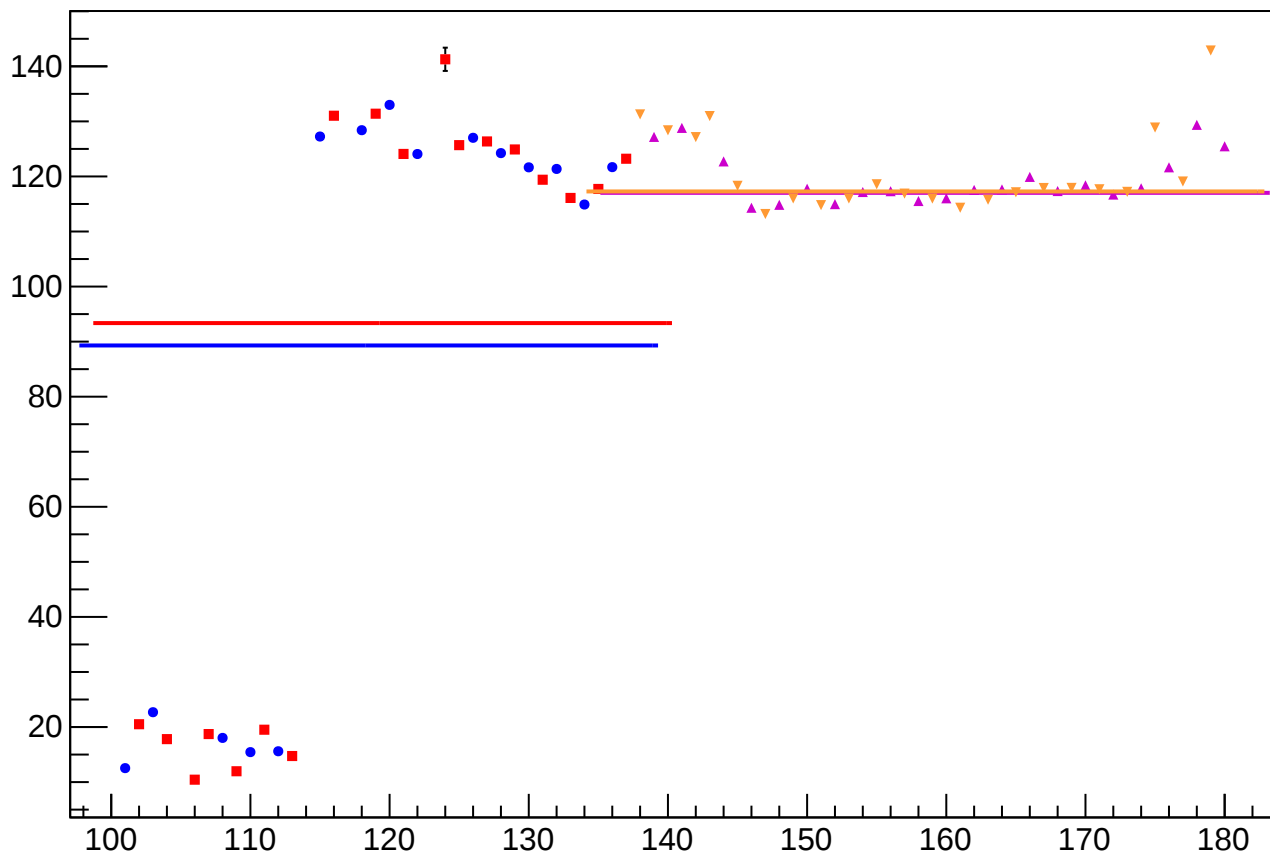
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.359 $\pm$ 0.003 χ^2 /NDF: 365369.5/35

Out: 32.141 $\pm$ 0.003 χ^2 /NDF: 421429.8/39

All: 32.241 $\pm$ 0.002 χ^2 /NDF: 789096.4/75

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.276 $\pm$ 0.008 χ^2 /NDF:146519.8/21

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 117.023 $\pm$ 0.009 χ^2 /NDF:52172.4/20

Left: 117.161 $\pm$ 0.006 χ^2 /NDF: 199145.7/42

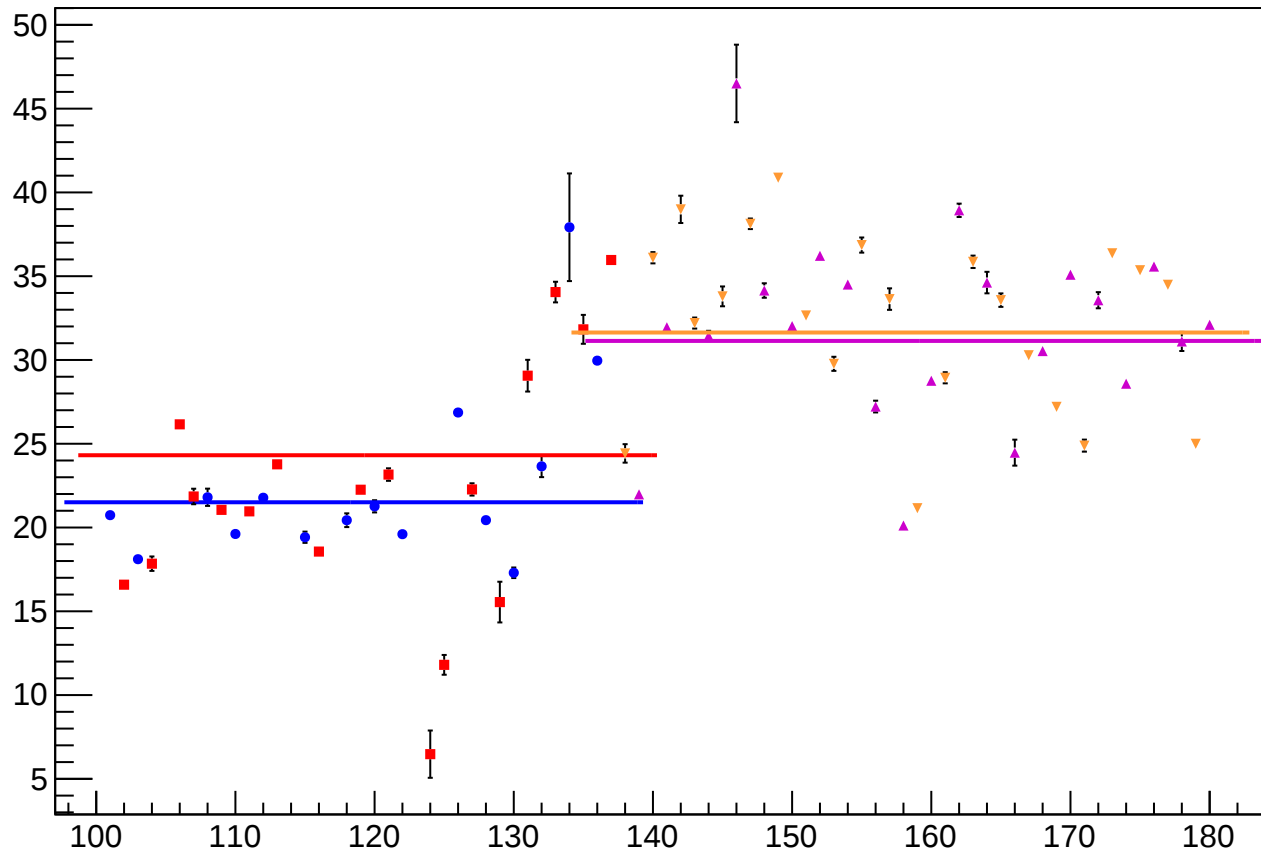
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.452 $\pm$ 0.008 χ^2 /NDF:4012730.8/35

Out: 115.682 $\pm$ 0.008 χ^2 /NDF:3594126.4/39

All: 115.115 $\pm$ 0.006 χ^2 /NDF: 7618539.8/75

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.639 $\pm$ 0.067 χ^2 /NDF: 6068.5/21

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.137 $\pm$ 0.059 χ^2 /NDF: 5926.9/20

Left: 31.356 $\pm$ 0.044 χ^2 /NDF: 12026.8/42

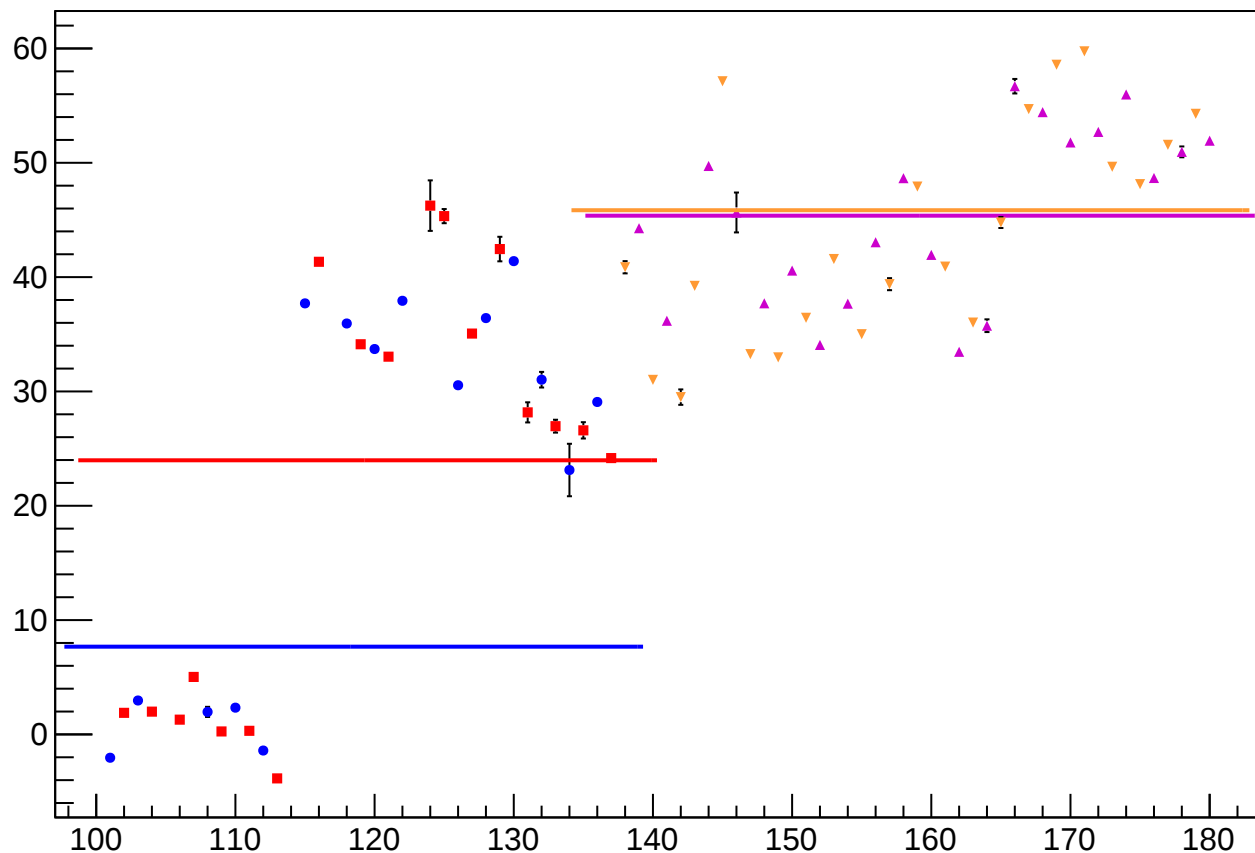
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.272 $\pm$ 0.046 χ^2 /NDF: 19504.9/35

Out: 27.469 $\pm$ 0.044 χ^2 /NDF: 27124.6/39

All: 27.375 $\pm$ 0.032 χ^2 /NDF: 46639.1/75

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 45.851 ± 0.056 $\chi^2/\text{NDF}: 24903.9/21$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.374 ± 0.050 $\chi^2/\text{NDF}: 18717.6/20$

Left: 45.587 ± 0.037 $\chi^2/\text{NDF}: 43661.9/42$

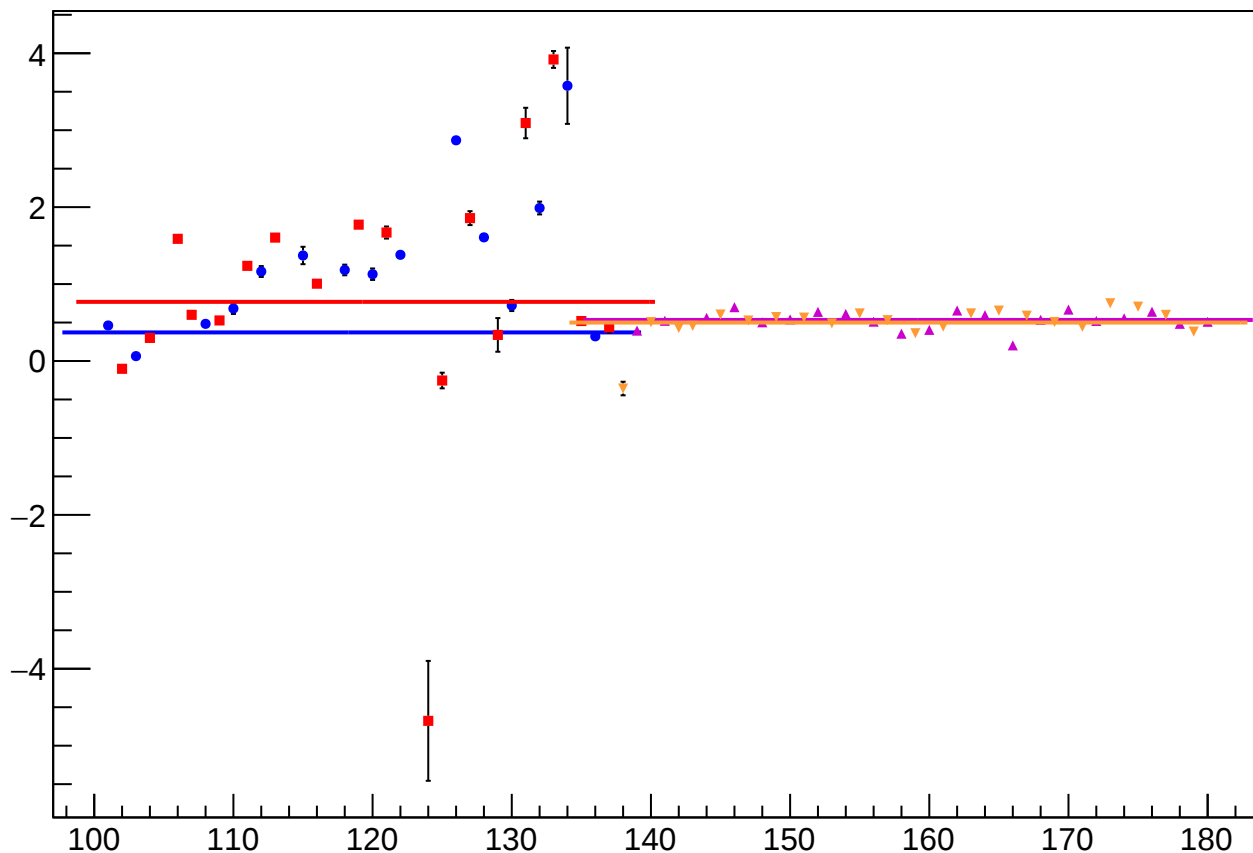
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.560 ± 0.034 $\chi^2/\text{NDF}: 426251.9/35$

Out: 24.437 ± 0.008 $\chi^2/\text{NDF}: 285644.8/39$

All: 24.443 ± 0.008 $\chi^2/\text{NDF}: 711909.5/75$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.500+/-0.001 χ^2/NDF :15043.3/21

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.534+/-0.001 χ^2/NDF :12396.2/20

Left: 0.518+/-0.001 χ^2/NDF : 28079.5/42

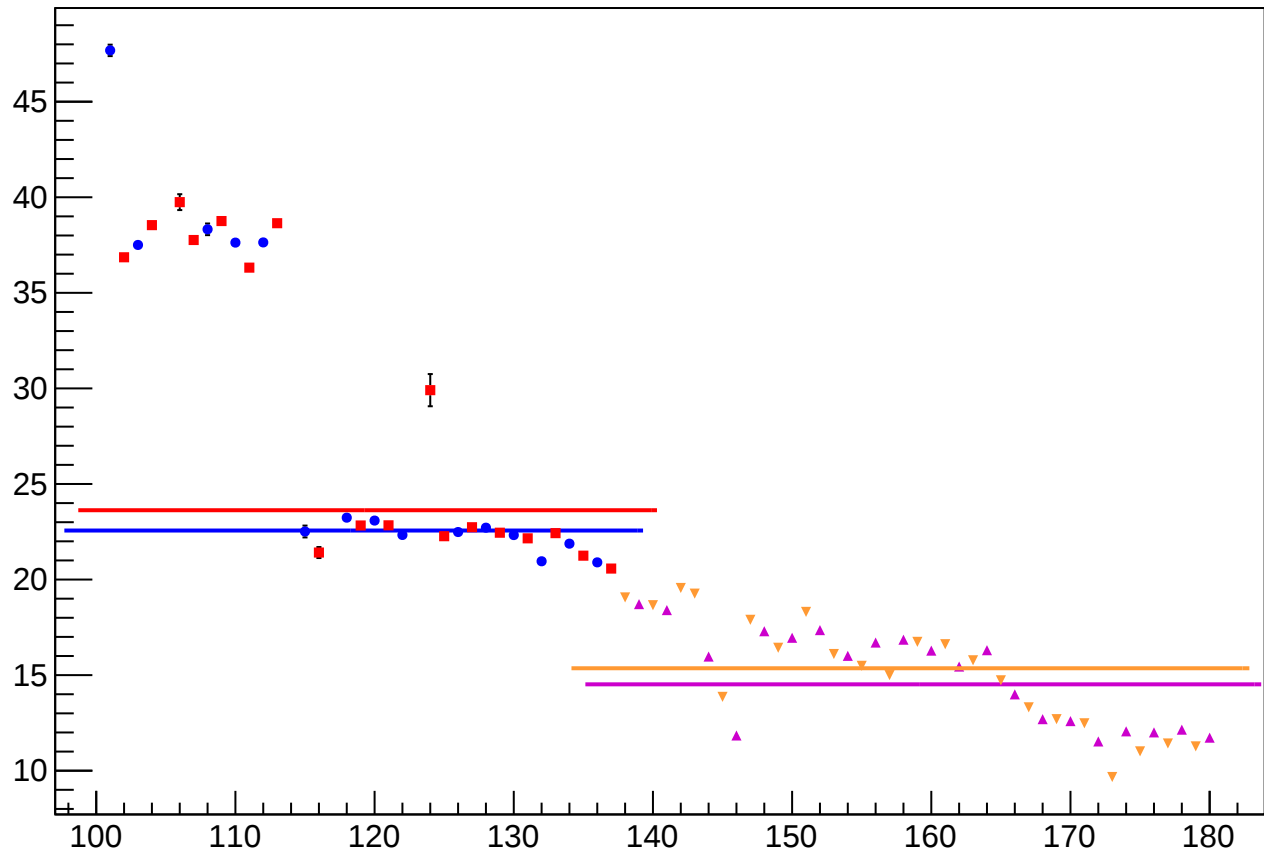
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.527+/-0.001 χ^2/NDF :18470.5/35

Out: 0.505+/-0.001 χ^2/NDF :20654.5/39

All: 0.517+/-0.001 χ^2/NDF : 39401.0/75

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 15.359 $\pm$ 0.006 χ^2 /NDF:224805.7/21

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.518 $\pm$ 0.006 χ^2 /NDF:191089.1/20

Left: 14.931 $\pm$ 0.004 χ^2 /NDF: 426884.7/42

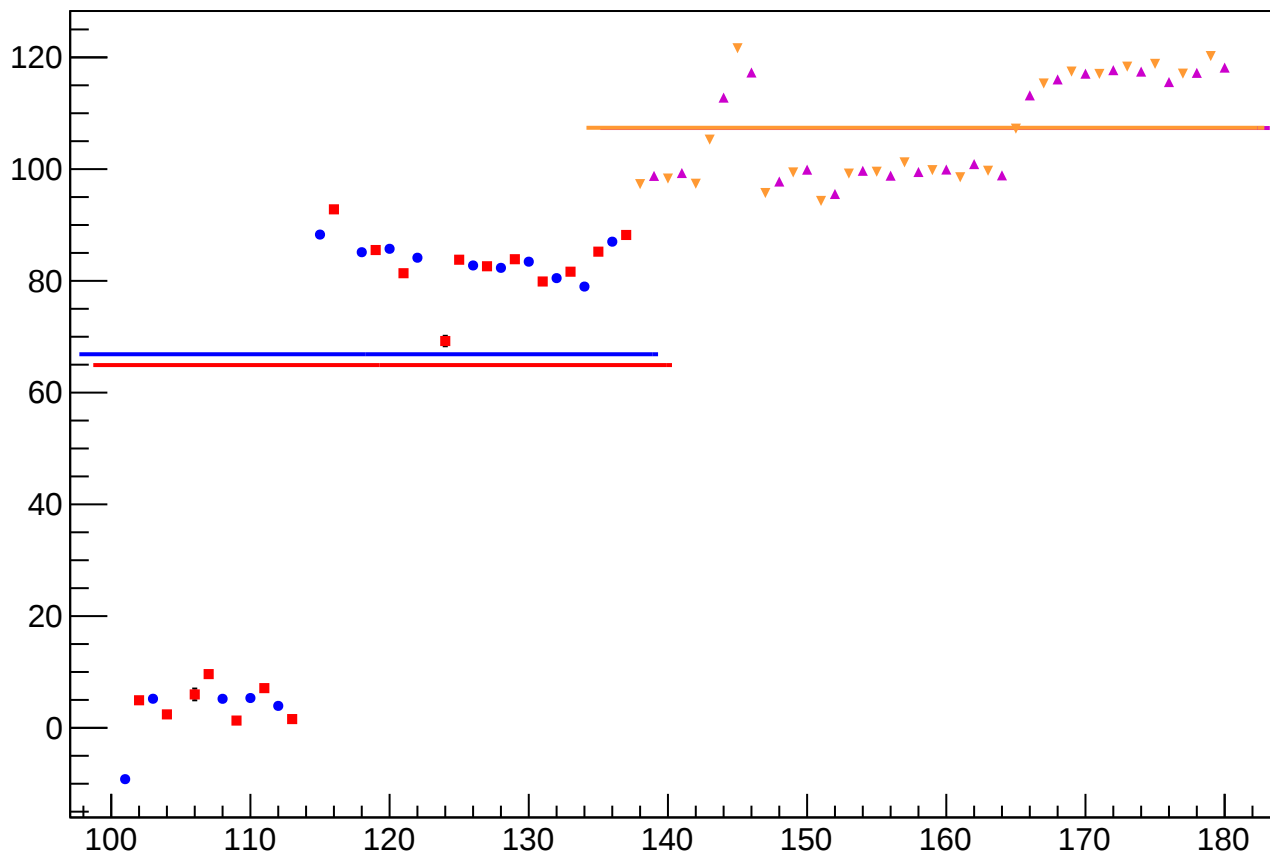
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.399 $\pm$ 0.005 χ^2 /NDF:763339.3/35

Out: 17.067 $\pm$ 0.005 χ^2 /NDF:778674.5/39

All: 16.721 $\pm$ 0.004 χ^2 /NDF: 1550920.1/75

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 ± 0.027 $\chi^2/\text{NDF}: 1494212.3/14$

Left Out: 107.399 ± 0.010 $\chi^2/\text{NDF}: 867914.3/21$

Right Out: 64.929 ± 0.030 $\chi^2/\text{NDF}: 1334580.7/17$

Left In: 107.355 ± 0.010 $\chi^2/\text{NDF}: 853912.5/20$

Left: 107.376 ± 0.007 $\chi^2/\text{NDF}: 1721837.0/42$

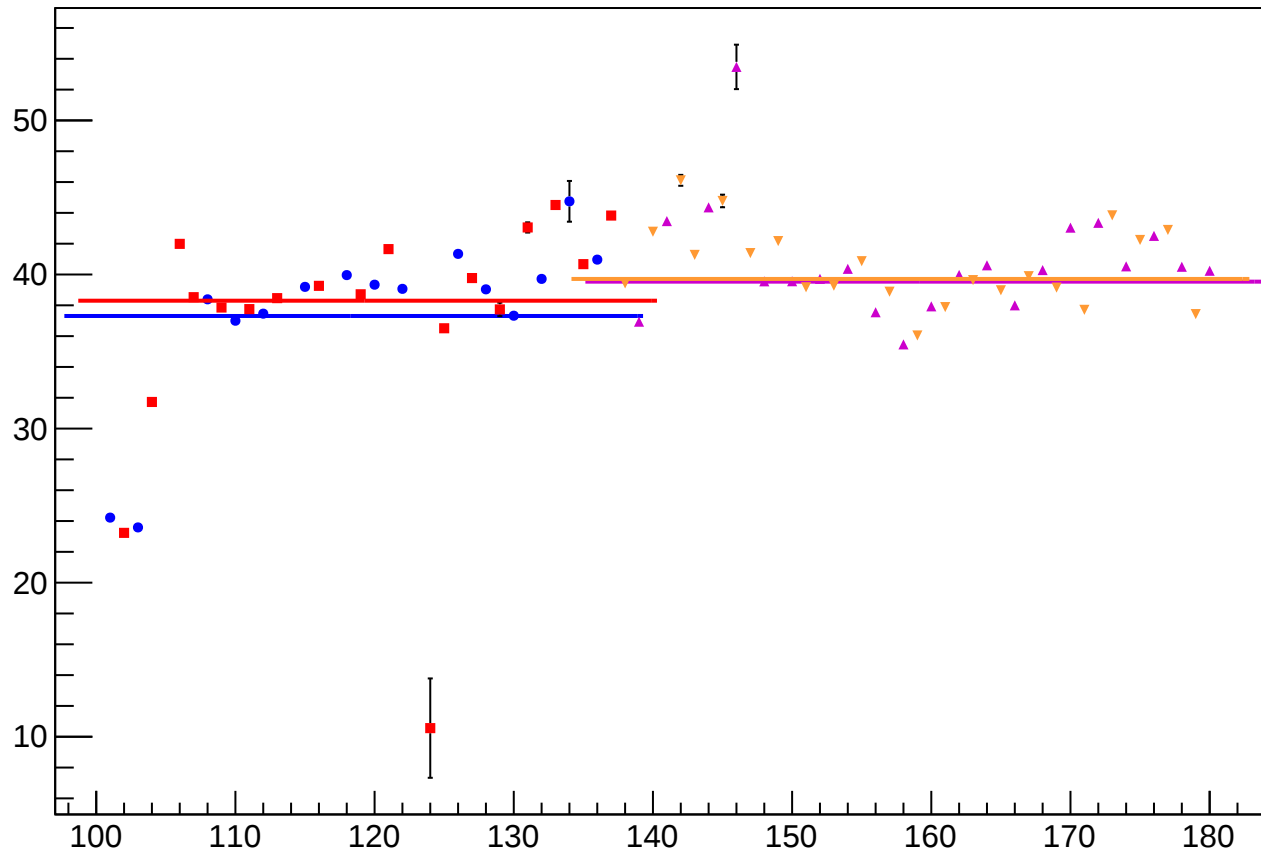
Right: 65.988 ± 0.020 $\chi^2/\text{NDF}: 2831116.5/32$

In: 102.662 ± 0.009 $\chi^2/\text{NDF}: 4327371.4/35$

Out: 102.965 ± 0.010 $\chi^2/\text{NDF}: 4030411.3/39$

All: 102.807 ± 0.007 $\chi^2/\text{NDF}: 8358301.2/75$

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.712 ± 0.028 $\chi^2/\text{NDF}: 6522.3/21$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.536 ± 0.024 $\chi^2/\text{NDF}: 8414.9/20$

Left: 39.609 ± 0.018 $\chi^2/\text{NDF}: 14959.7/42$

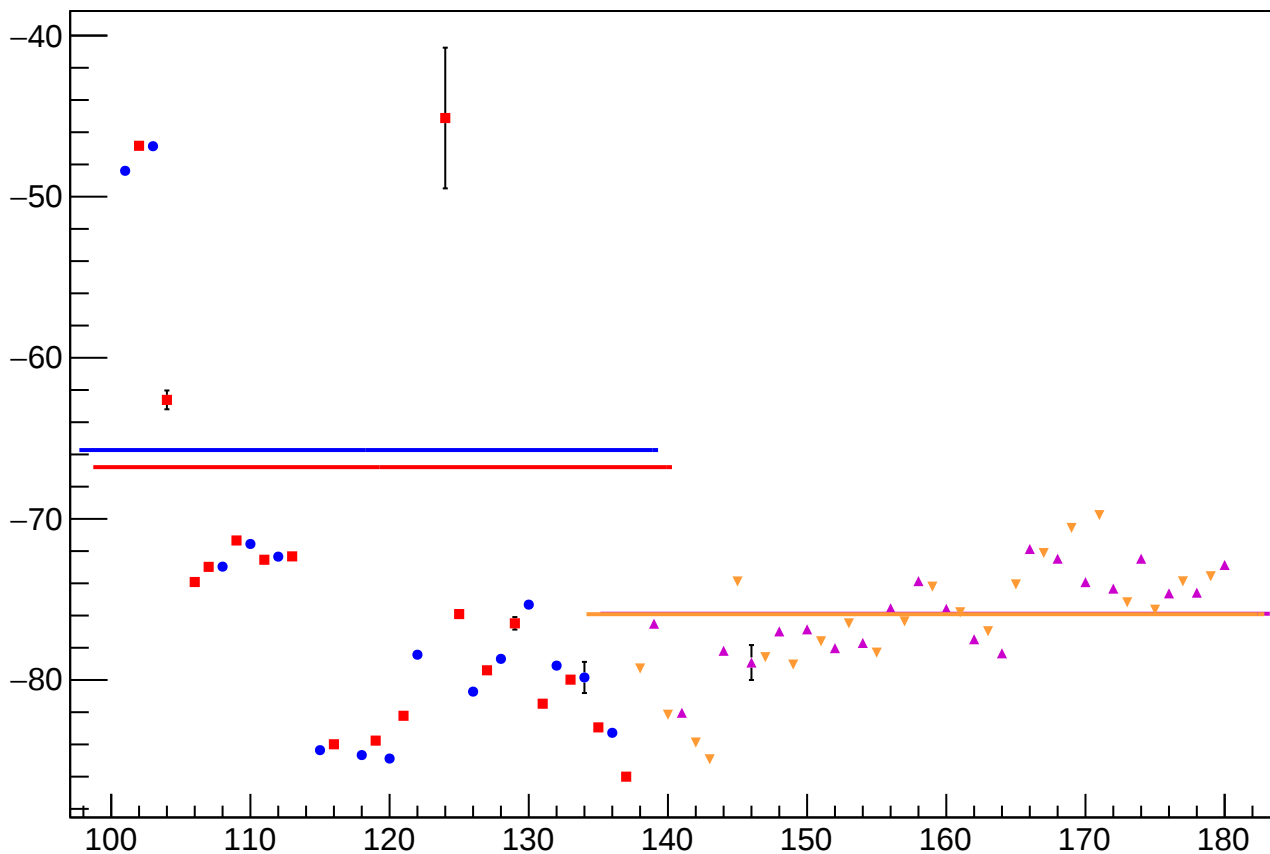
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.387 ± 0.017 $\chi^2/\text{NDF}: 72508.1/35$

Out: 38.782 ± 0.017 $\chi^2/\text{NDF}: 26980.9/39$

All: 38.584 ± 0.012 $\chi^2/\text{NDF}: 99772.3/75$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 χ^2/NDF : 903051.8/14

Left Out: -75.916 ± 0.023 χ^2/NDF : 23359.1/21

Right Out: -66.788 ± 0.016 χ^2/NDF : 809356.5/17

Left In: -75.886 ± 0.020 χ^2/NDF : 11925.0/20

Left: -75.899 ± 0.015 χ^2/NDF : 35285.1/42

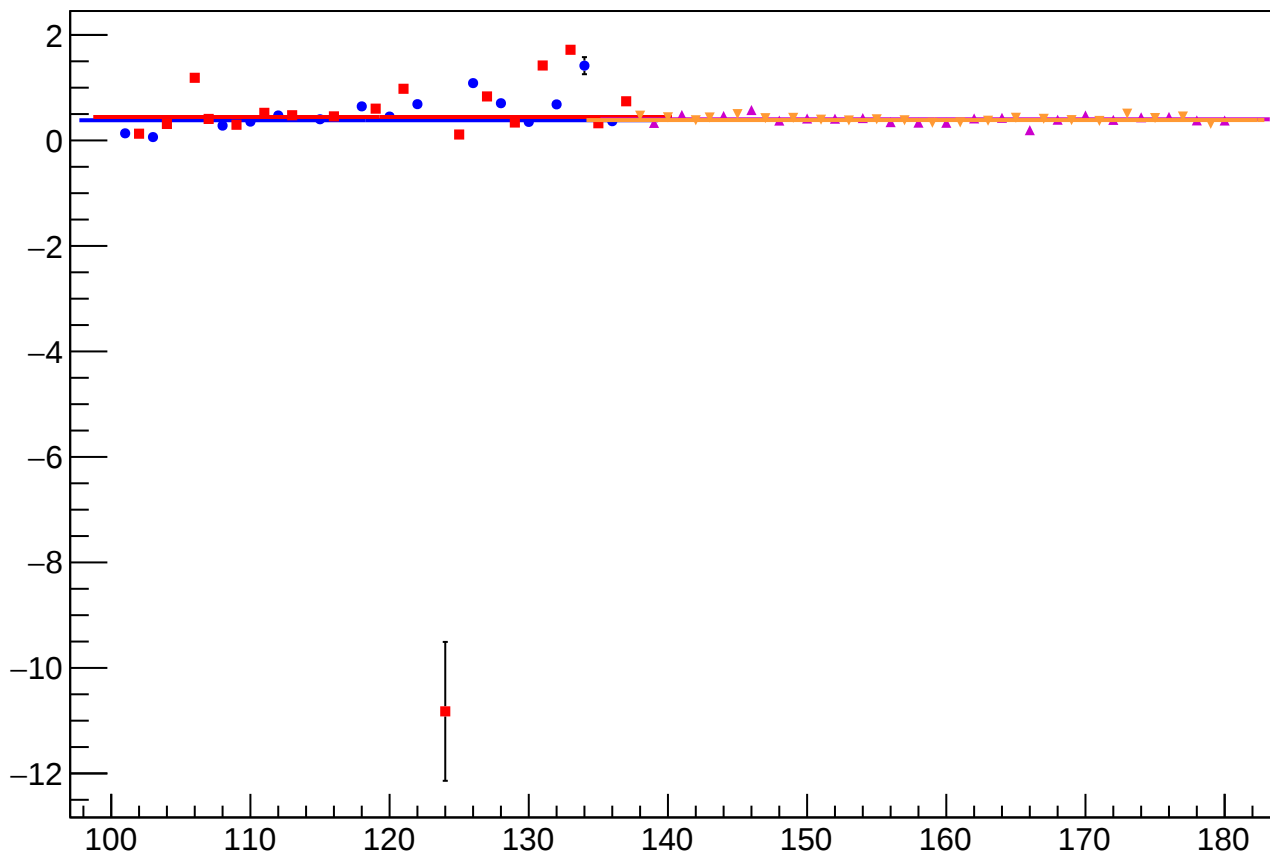
Right: -66.292 ± 0.012 χ^2/NDF : 1714516.0/32

In: -70.065 ± 0.013 χ^2/NDF : 1070161.5/35

Out: -69.690 ± 0.013 χ^2/NDF : 938717.8/39

All: -69.881 ± 0.009 χ^2/NDF : 2009301.2/75

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.386 $\pm$ 0.000 χ^2 /NDF:10097.6/21

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.401 $\pm$ 0.000 χ^2 /NDF:8517.0/20

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19099.6/42

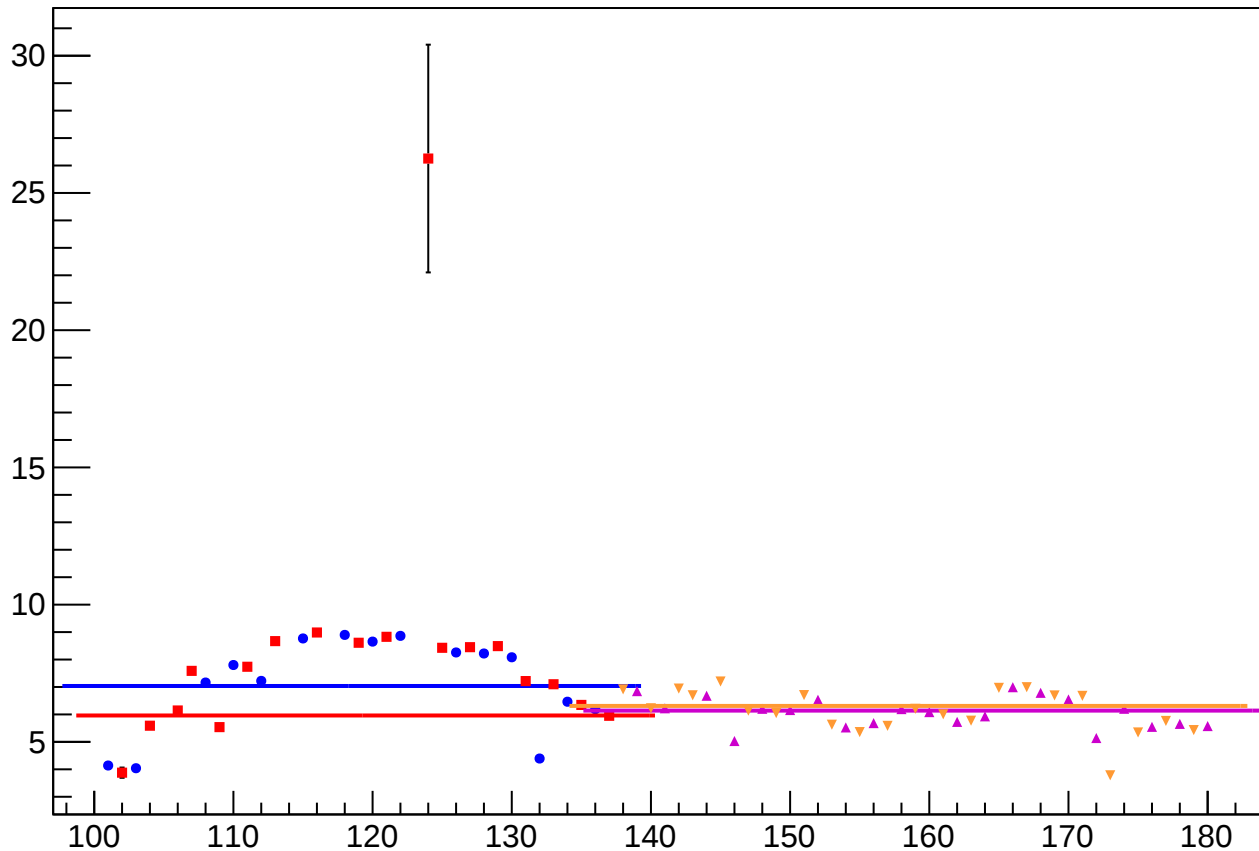
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.400 $\pm$ 0.000 χ^2 /NDF:16778.1/35

Out: 0.387 $\pm$ 0.000 χ^2 /NDF:13130.4/39

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 30283.5/75

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.310 $\pm$ 0.002 χ^2 /NDF: 88388.0/21

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.140 $\pm$ 0.002 χ^2 /NDF: 52250.9/20

Left: 6.221 $\pm$ 0.001 χ^2 /NDF: 146655.1/42

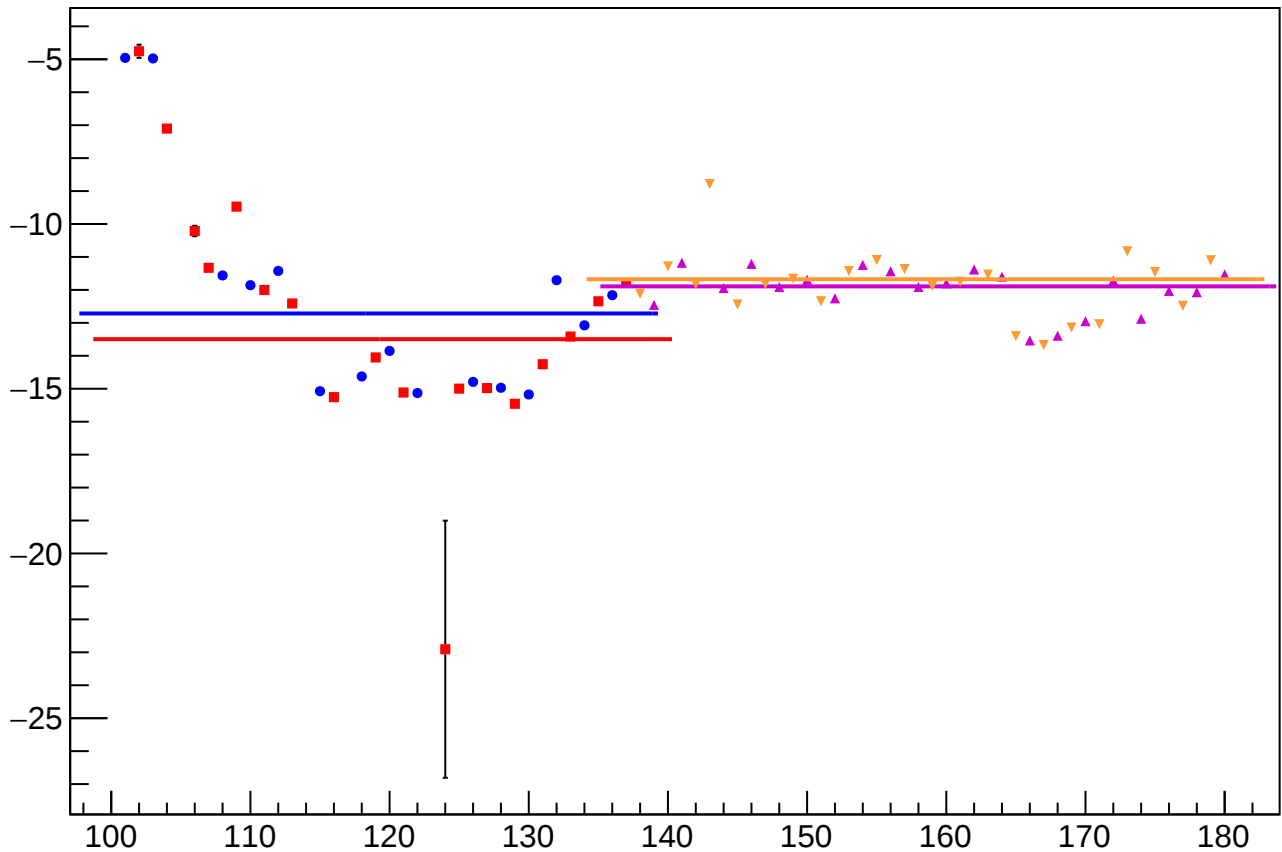
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.230 $\pm$ 0.001 χ^2 /NDF: 157494.0/35

Out: 5.983 $\pm$ 0.000 χ^2 /NDF: 301695.4/39

All: 6.001 $\pm$ 0.000 χ^2 /NDF: 486606.9/75

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.676 $\pm$ 0.002 χ^2 /NDF: 341272.8/21

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.893 $\pm$ 0.002 χ^2 /NDF: 64717.1/20

Left: -11.786 $\pm$ 0.002 χ^2 /NDF: 411146.8/42

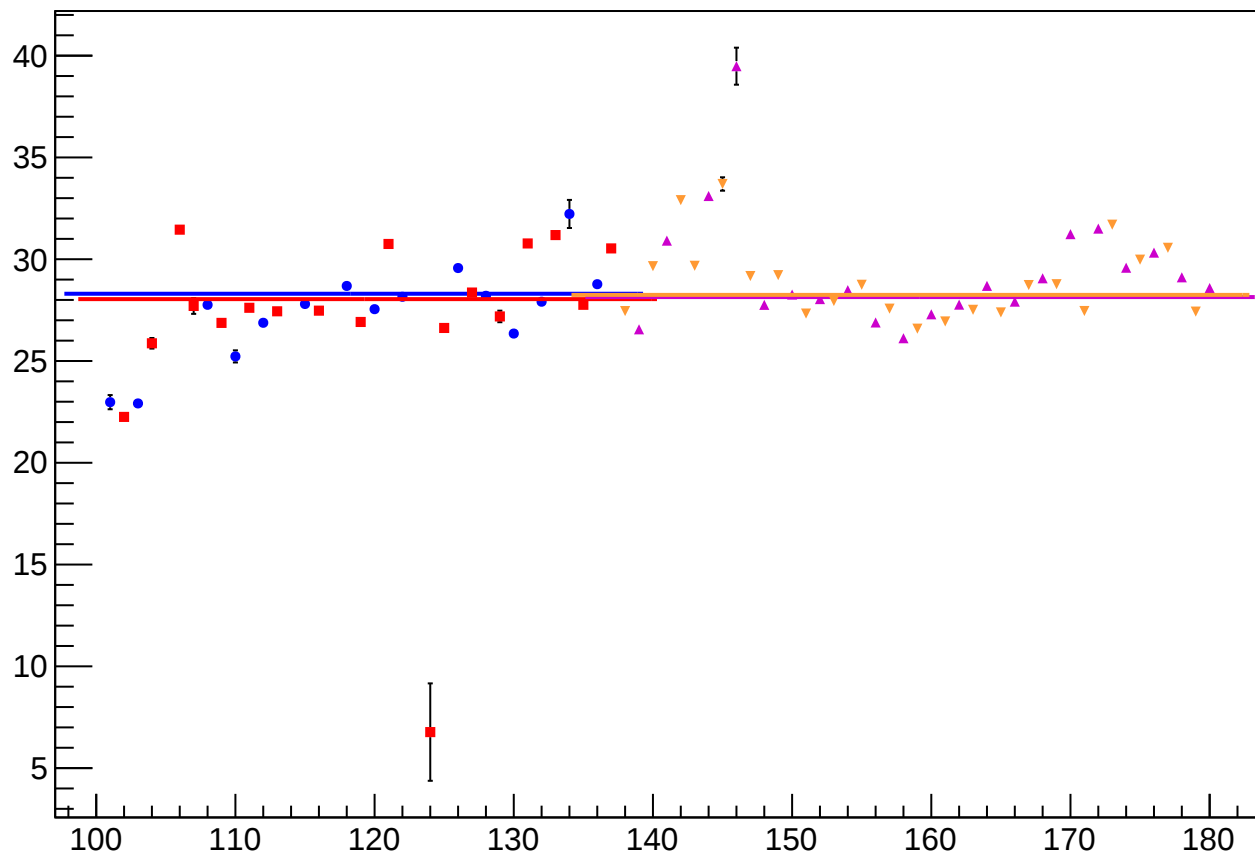
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.974 $\pm$ 0.002 χ^2 /NDF: 164918.7/35

Out: -11.895 $\pm$ 0.002 χ^2 /NDF: 483268.1/39

All: -11.935 $\pm$ 0.001 χ^2 /NDF: 648955.8/75

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.248 ± 0.018 $\chi^2/\text{NDF}: 6510.7/21$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.141 ± 0.015 $\chi^2/\text{NDF}: 8717.2/20$

Left: 28.185 ± 0.012 $\chi^2/\text{NDF}: 15248.7/42$

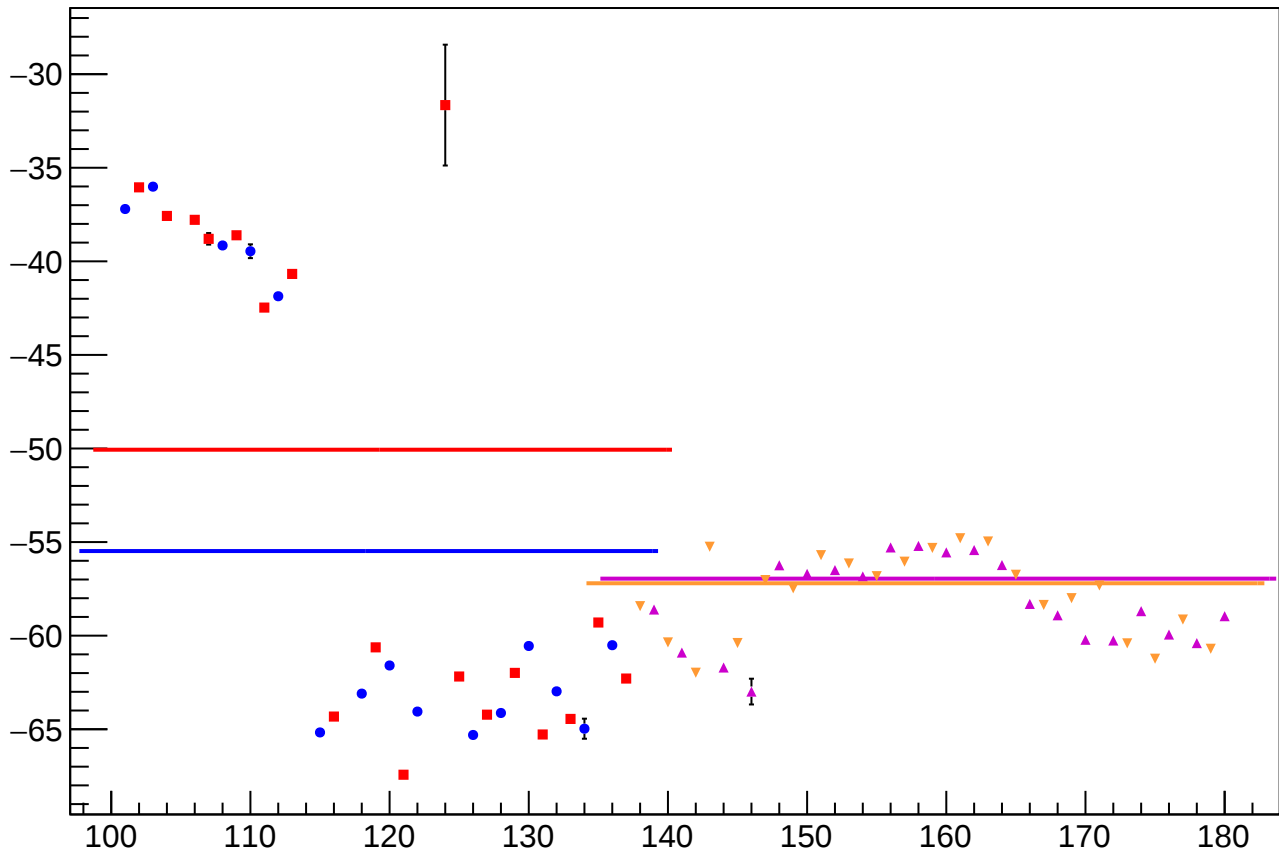
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.189 ± 0.013 $\chi^2/\text{NDF}: 12152.3/35$

Out: 28.194 ± 0.015 $\chi^2/\text{NDF}: 9107.0/39$

All: 28.191 ± 0.010 $\chi^2/\text{NDF}: 21259.4/75$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.201 ± 0.015 $\chi^2/\text{NDF}: 20470.7/21$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.954 ± 0.013 $\chi^2/\text{NDF}: 16852.9/20$

Left: -57.061 ± 0.010 $\chi^2/\text{NDF}: 37482.0/42$

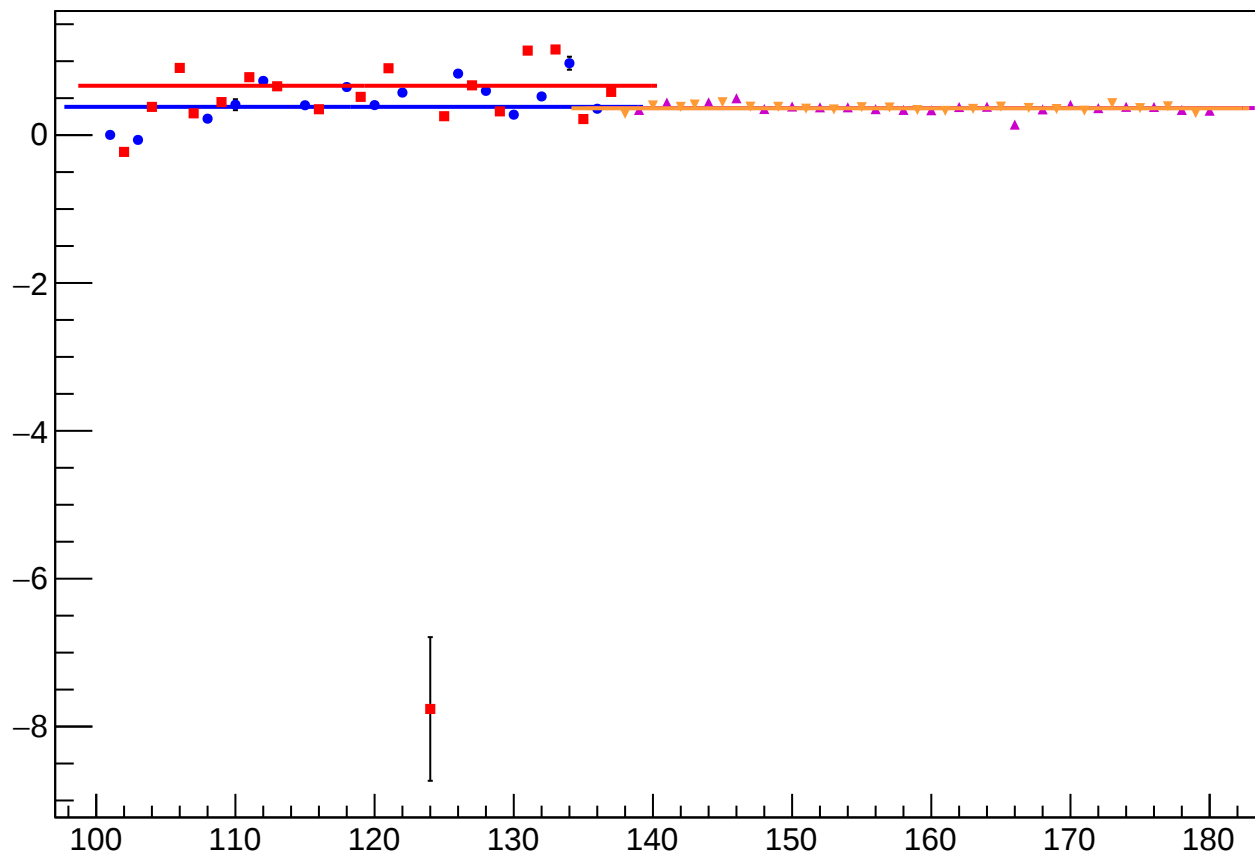
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.399 ± 0.010 $\chi^2/\text{NDF}: 616931.7/35$

Out: -55.124 ± 0.012 $\chi^2/\text{NDF}: 428066.9/39$

All: -55.890 ± 0.008 $\chi^2/\text{NDF}: 1051277.3/75$

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:7941.0/21

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF:6039.4/20

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 14016.6/42

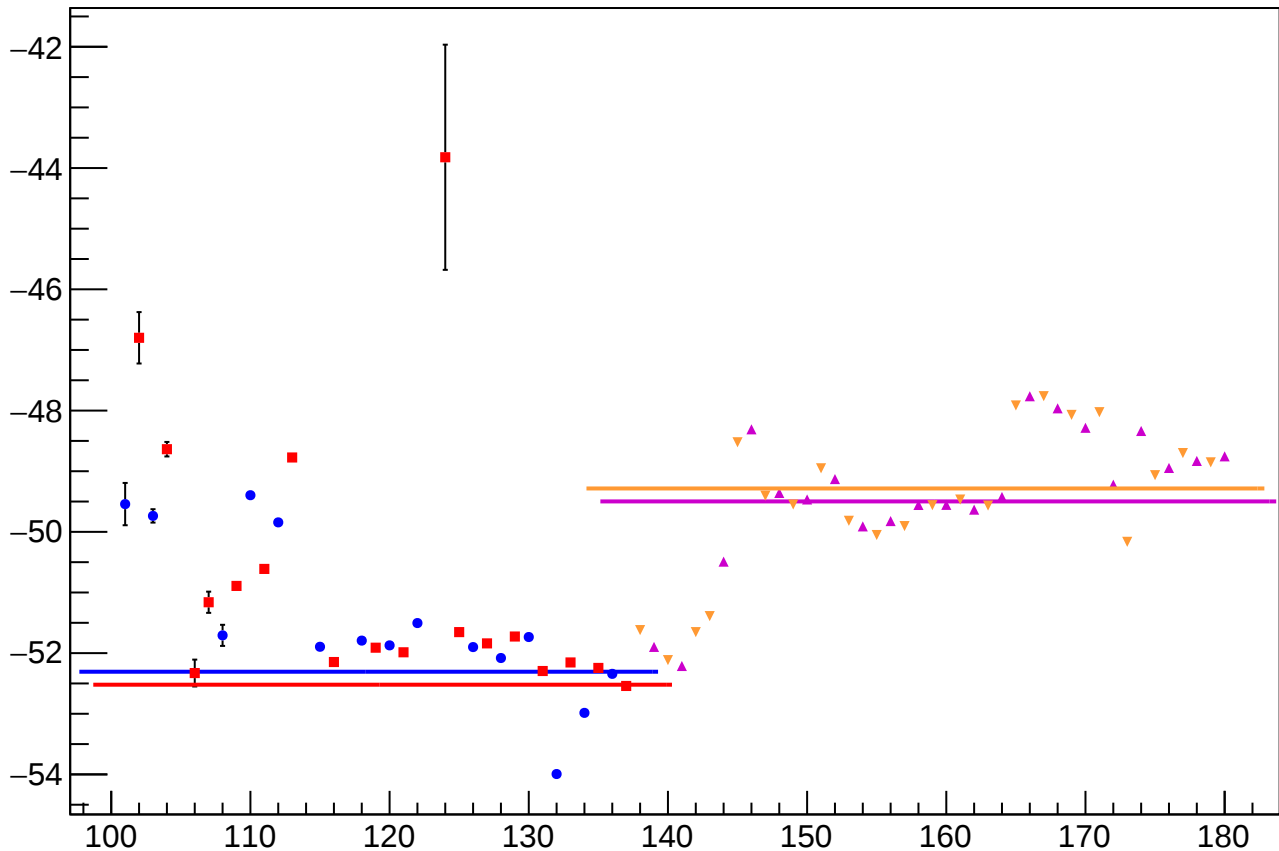
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF:10733.7/35

Out: 0.365 $\pm$ 0.000 χ^2 /NDF:15990.3/39

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26739.7/75

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -49.284 ± 0.001 $\chi^2/\text{NDF}: 509755.5/21$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -49.498 ± 0.001 $\chi^2/\text{NDF}: 428930.9/20$

Left: -49.390 ± 0.001 $\chi^2/\text{NDF}: 950232.9/42$

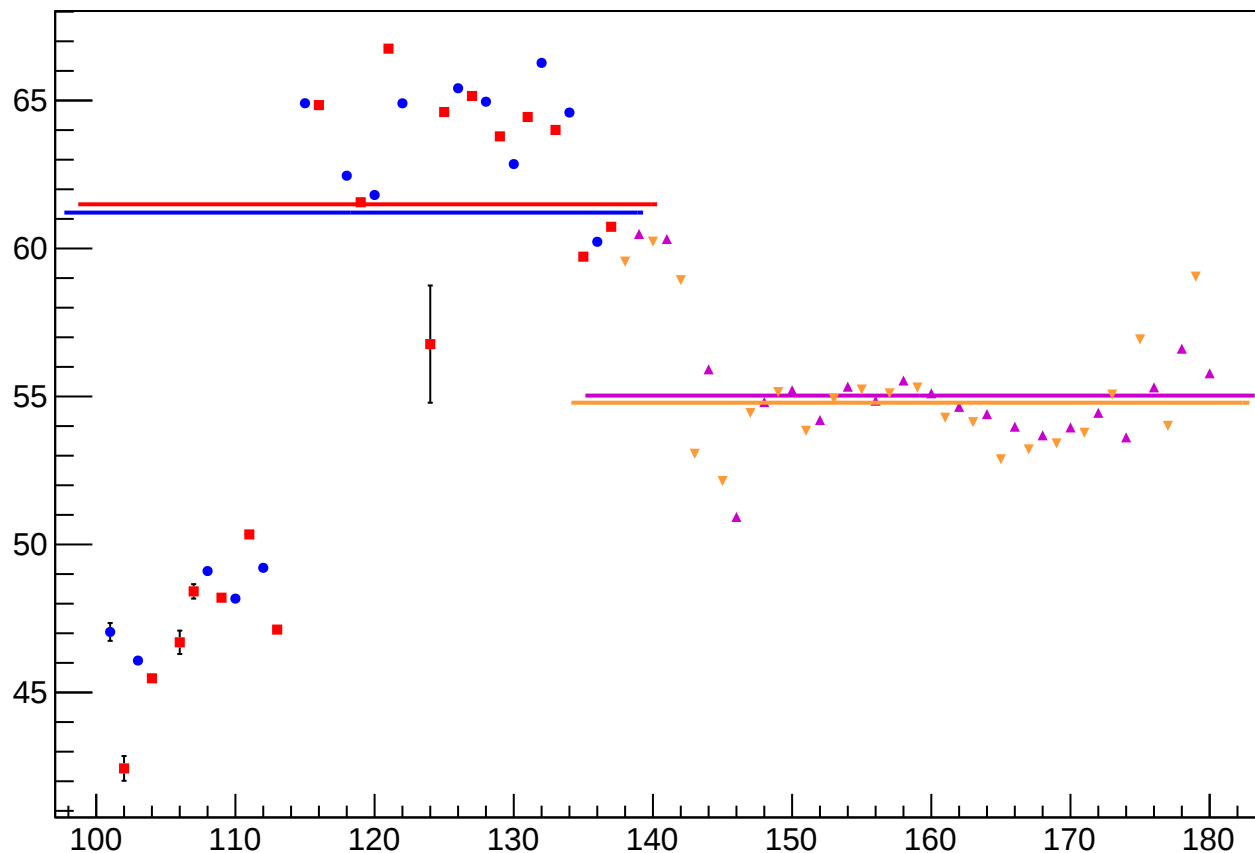
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -49.826 ± 0.001 $\chi^2/\text{NDF}: 917040.6/35$

Out: -51.282 ± 0.001 $\chi^2/\text{NDF}: 3820003.0/39$

All: -50.846 ± 0.001 $\chi^2/\text{NDF}: 5581604.4/75$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.791 $\pm$ 0.003 χ^2/NDF : 264132.5/21

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.030 $\pm$ 0.003 χ^2/NDF : 82538.8/20

Left: 54.923 $\pm$ 0.002 χ^2/NDF : 349799.9/42

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.507 $\pm$ 0.003 χ^2/NDF : 597105.0/35

Out: 56.019 $\pm$ 0.003 χ^2/NDF : 1320706.6/39

All: 55.753 $\pm$ 0.002 χ^2/NDF : 1934340.6/75

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

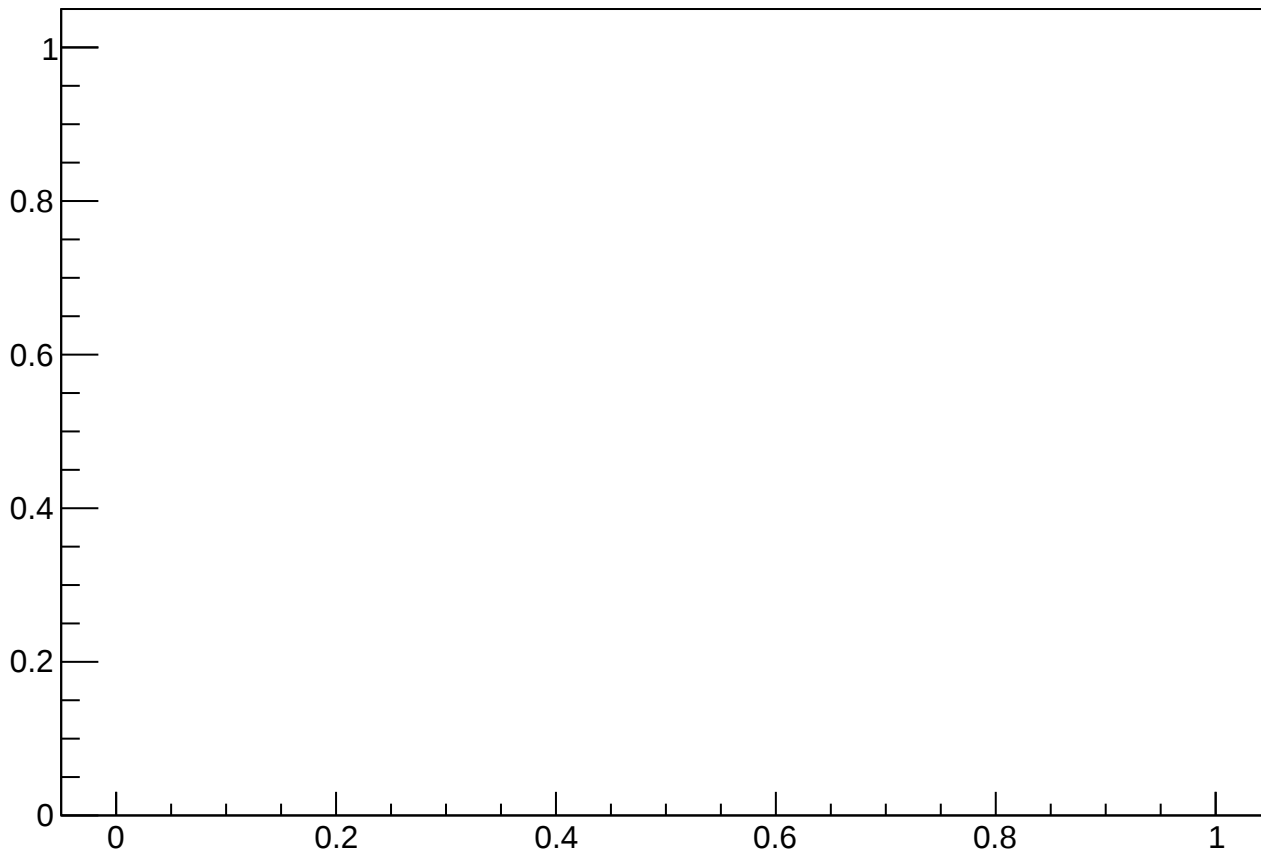
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

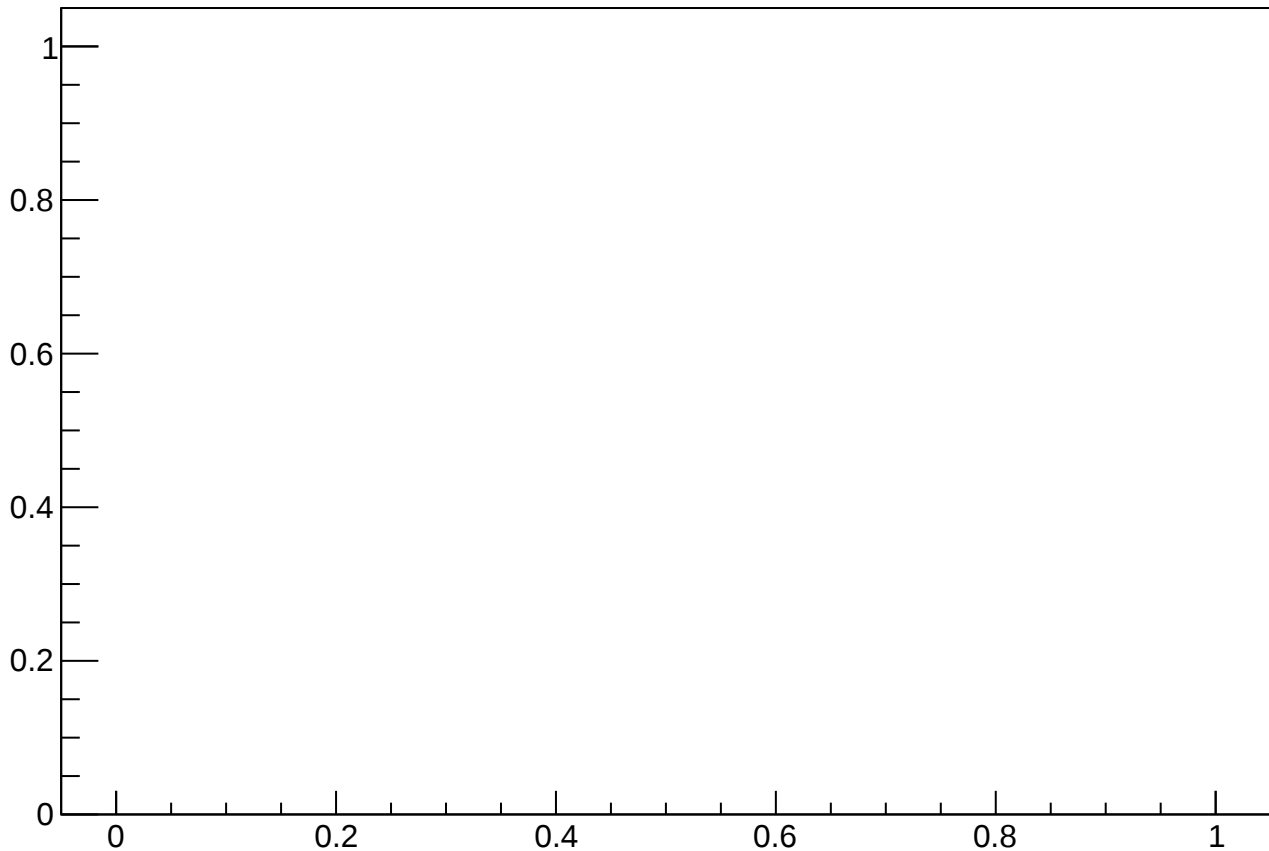
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

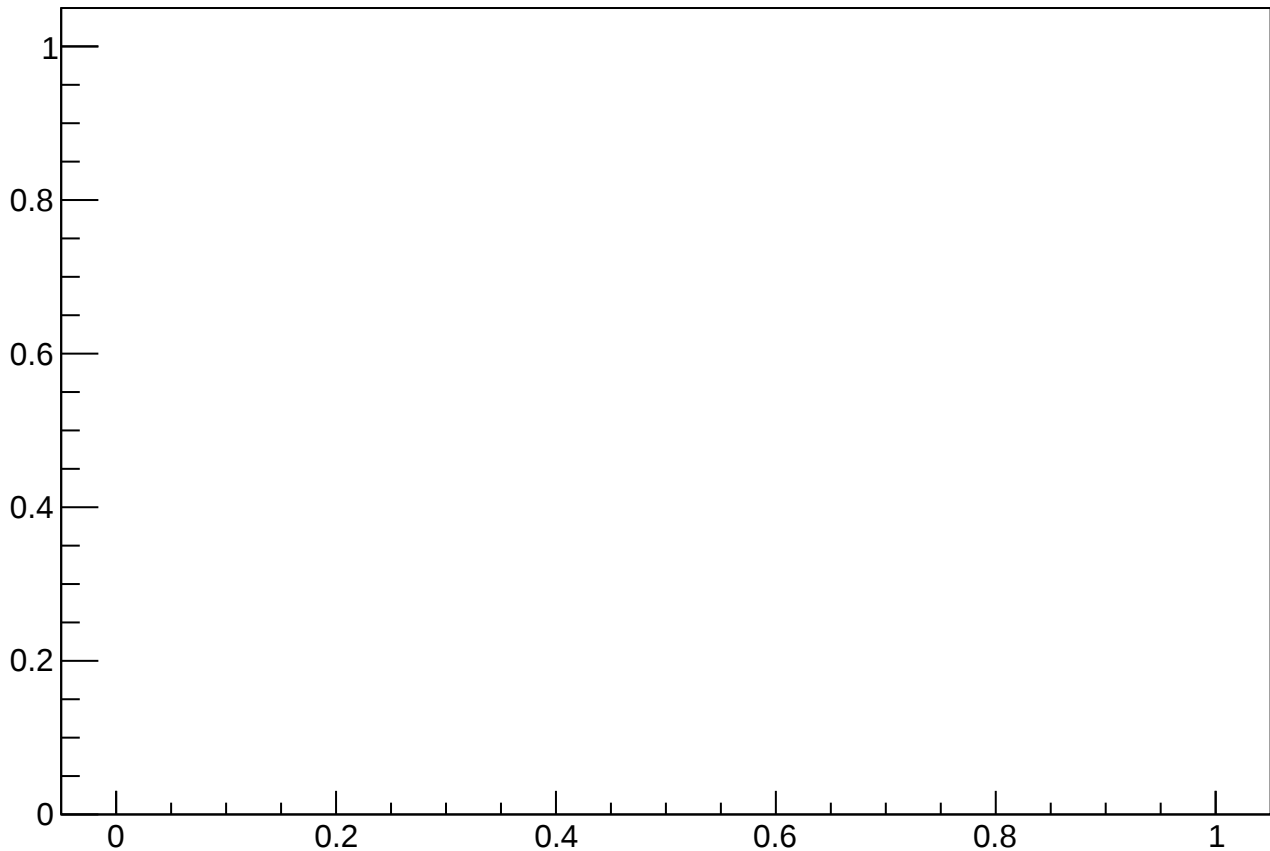
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

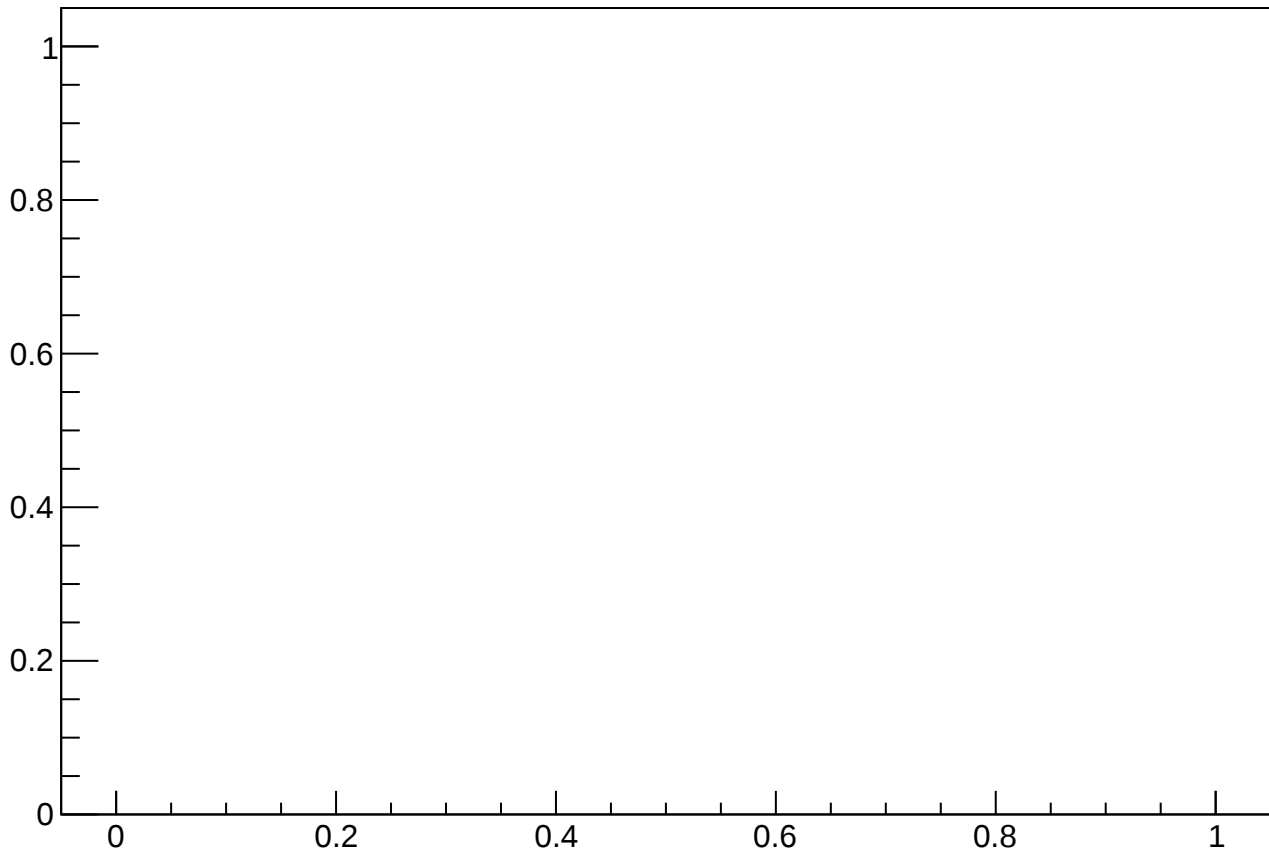
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

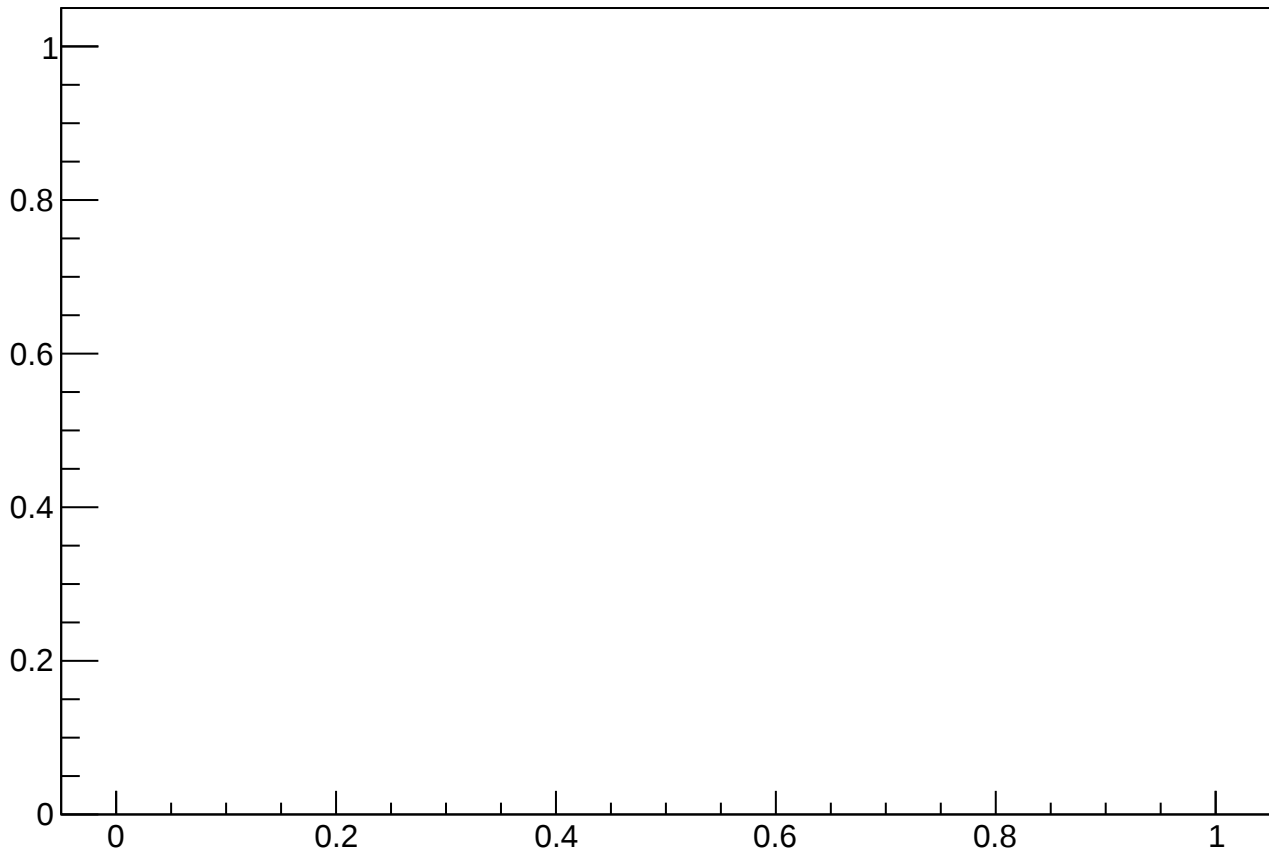
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

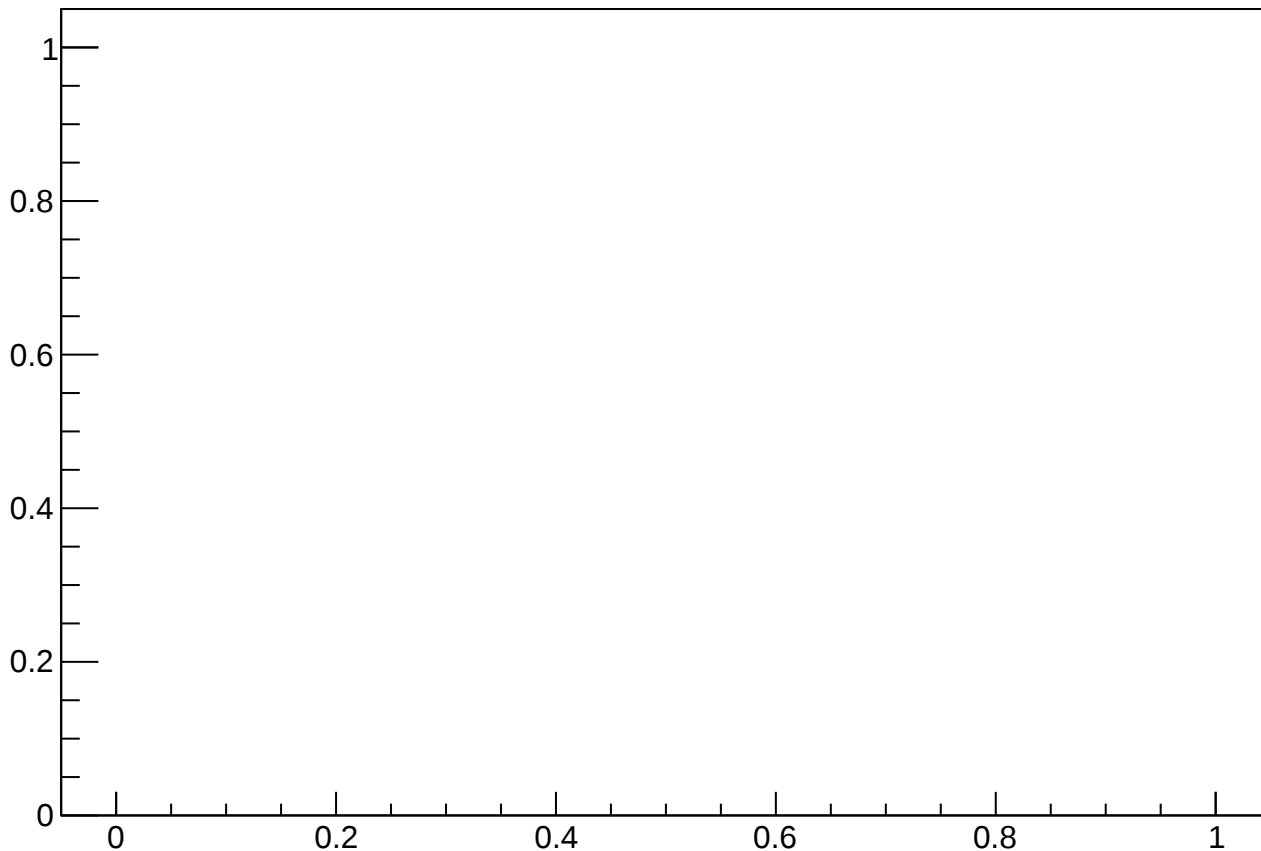
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

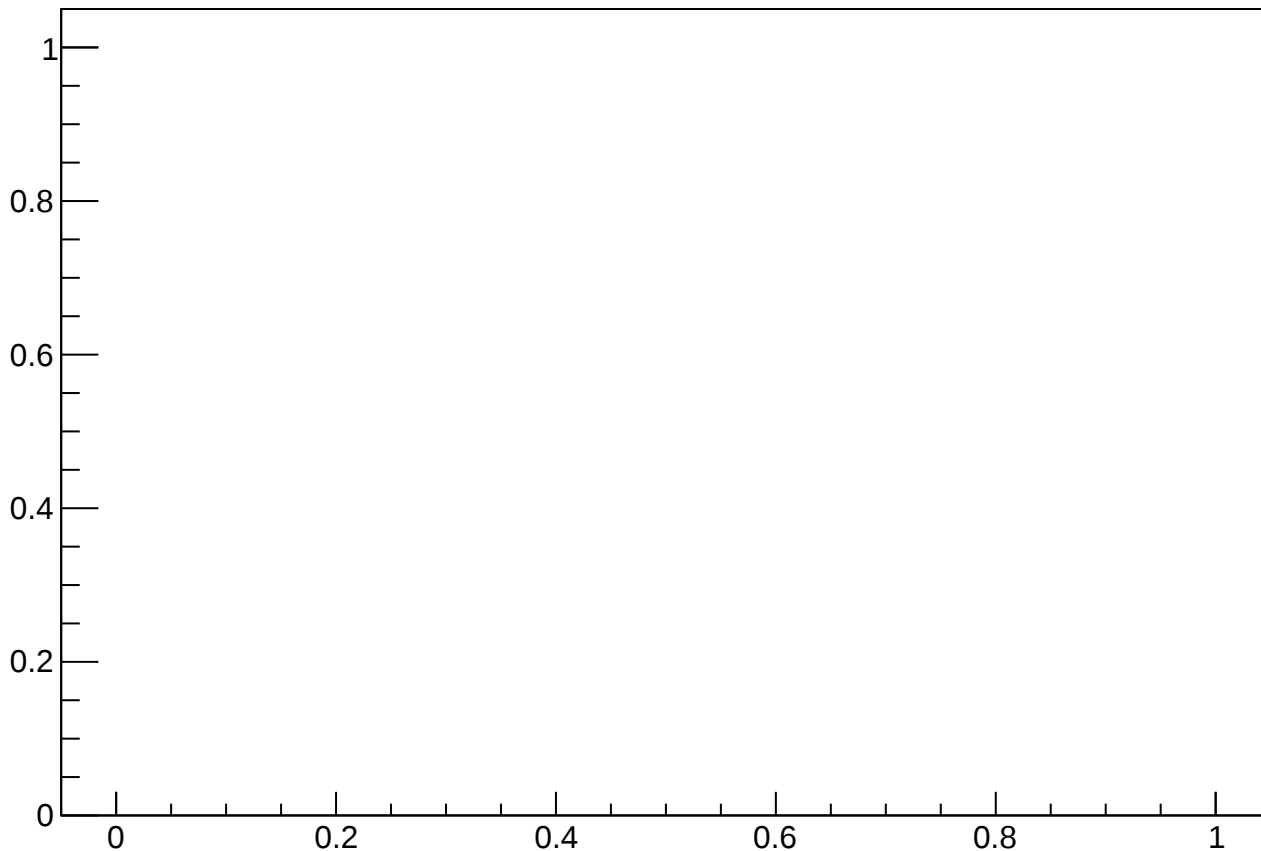
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

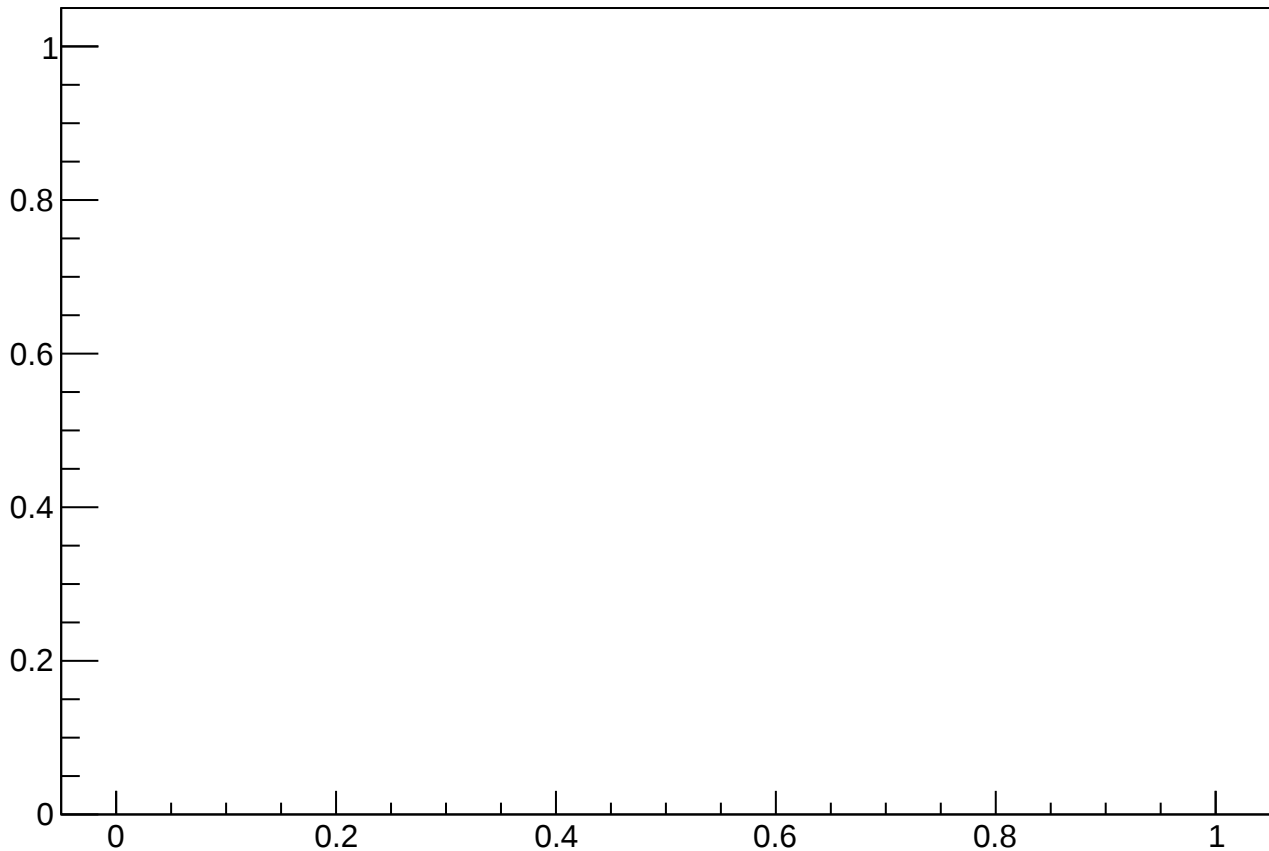
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

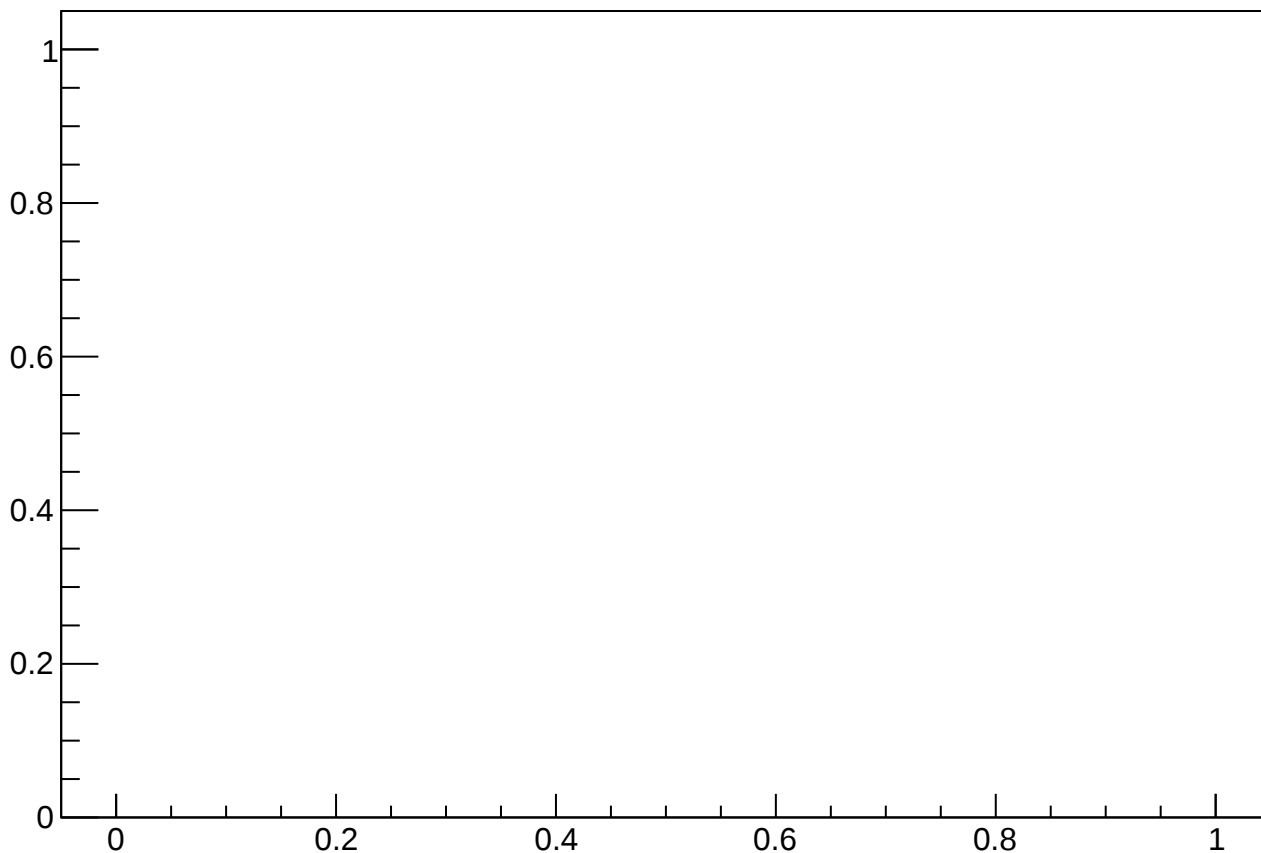
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

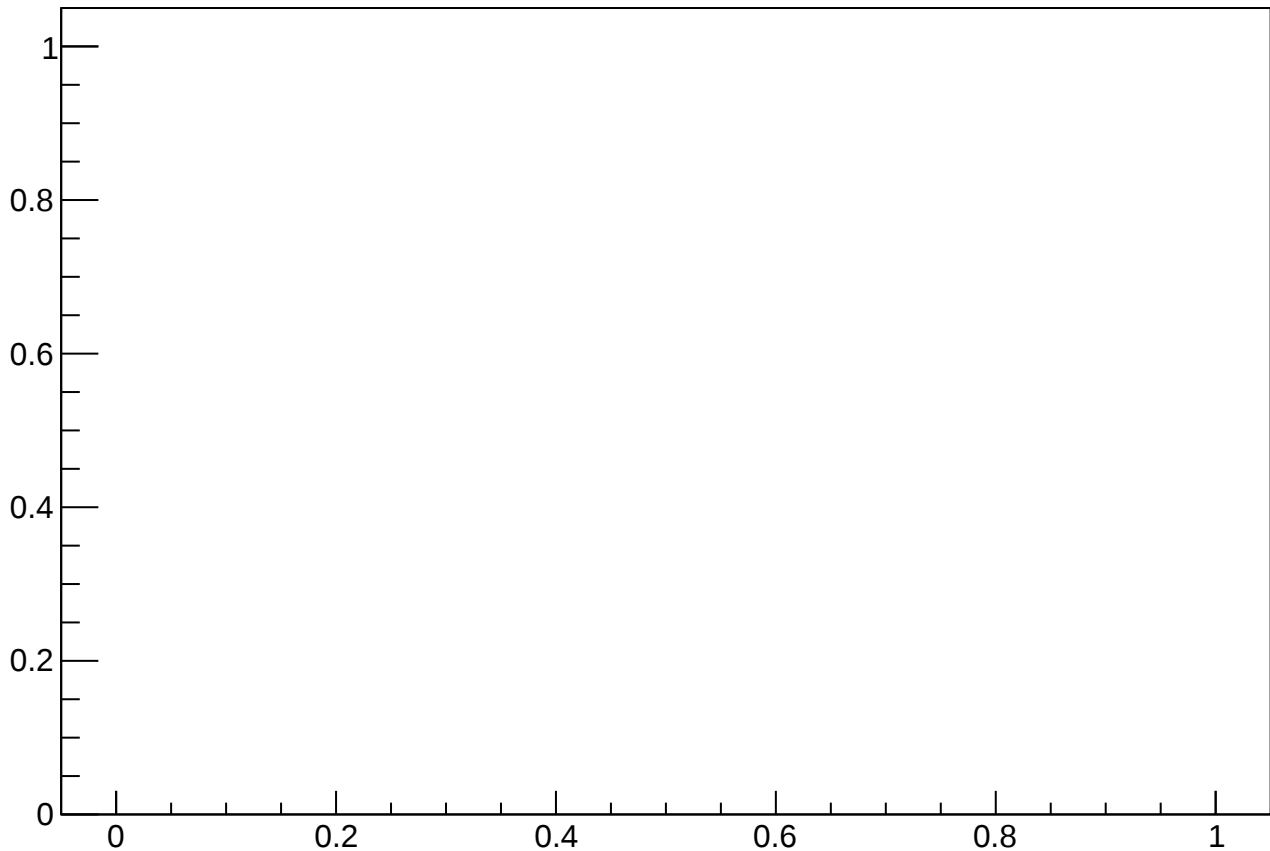
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

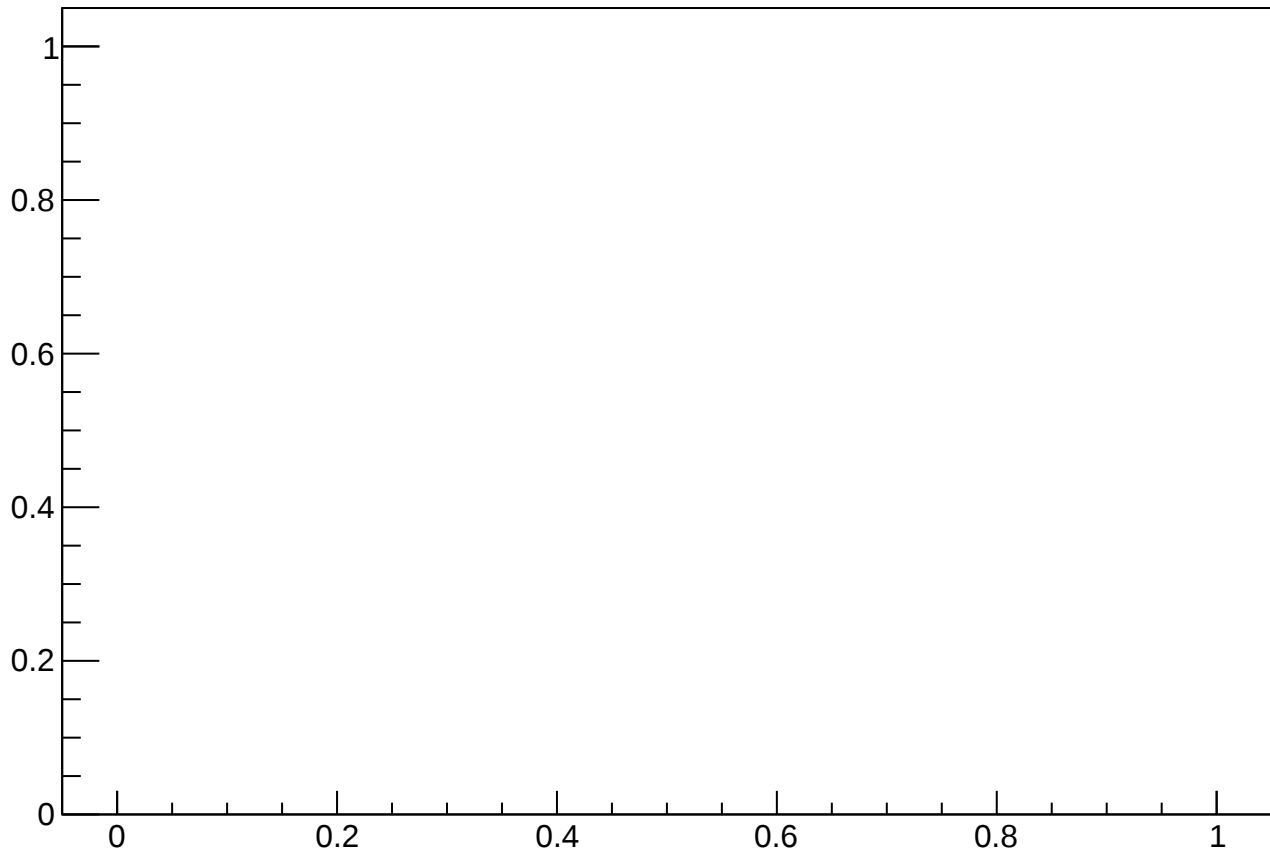
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

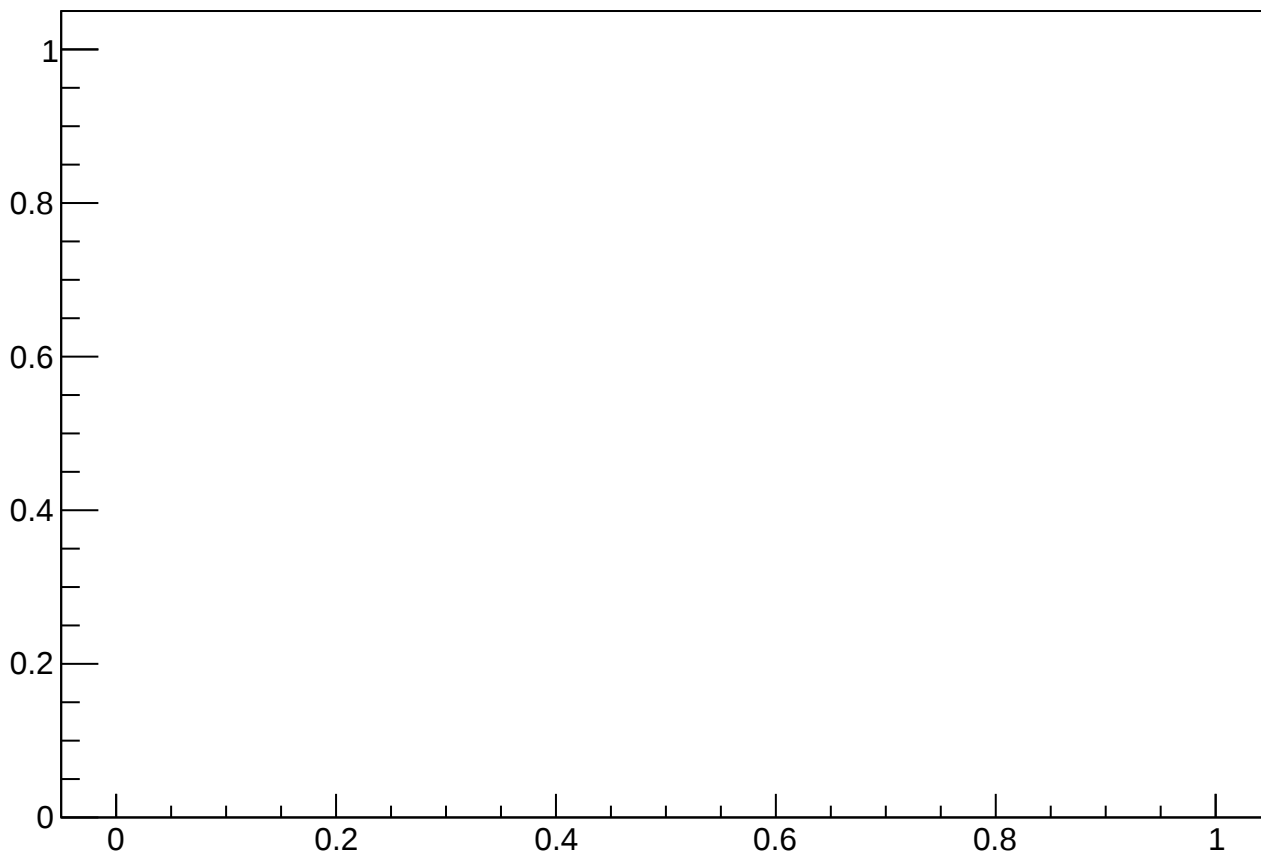
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

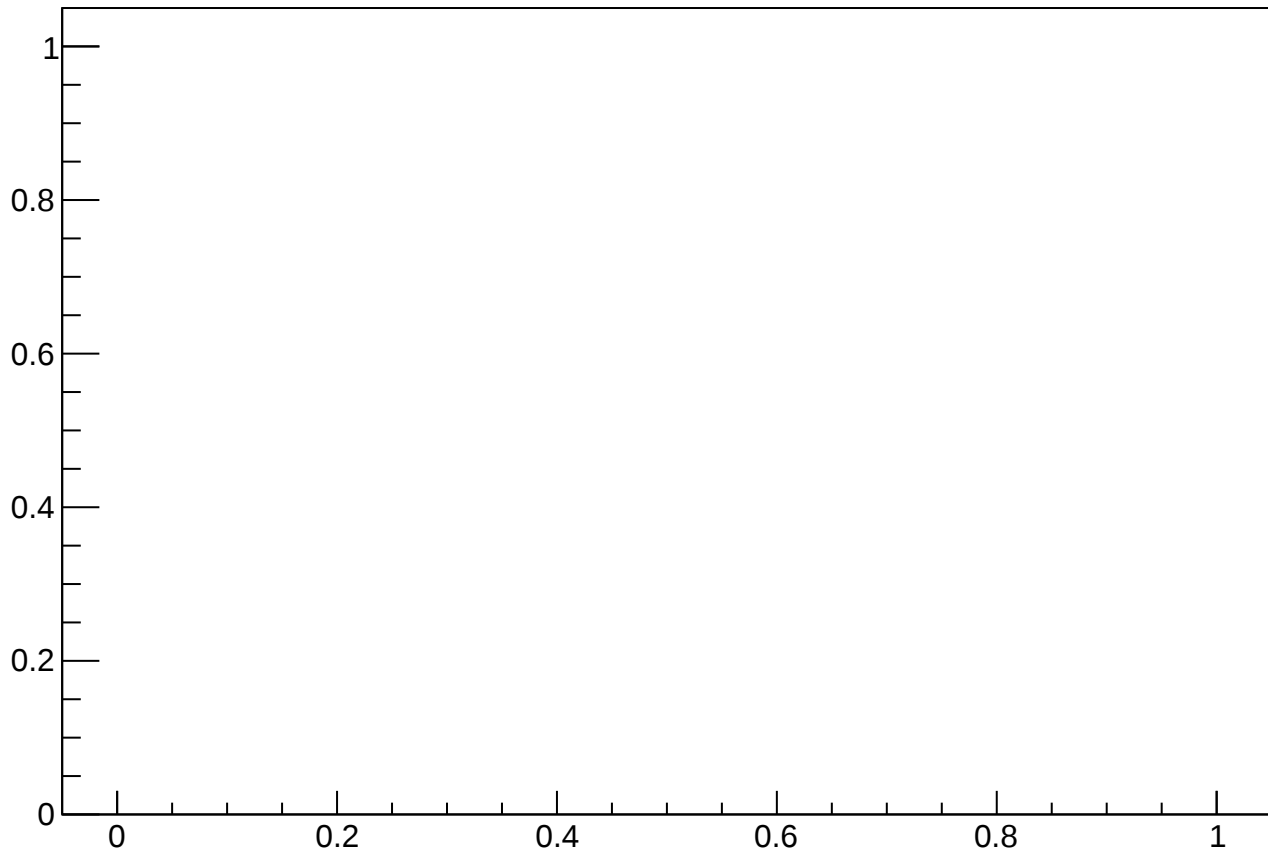
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

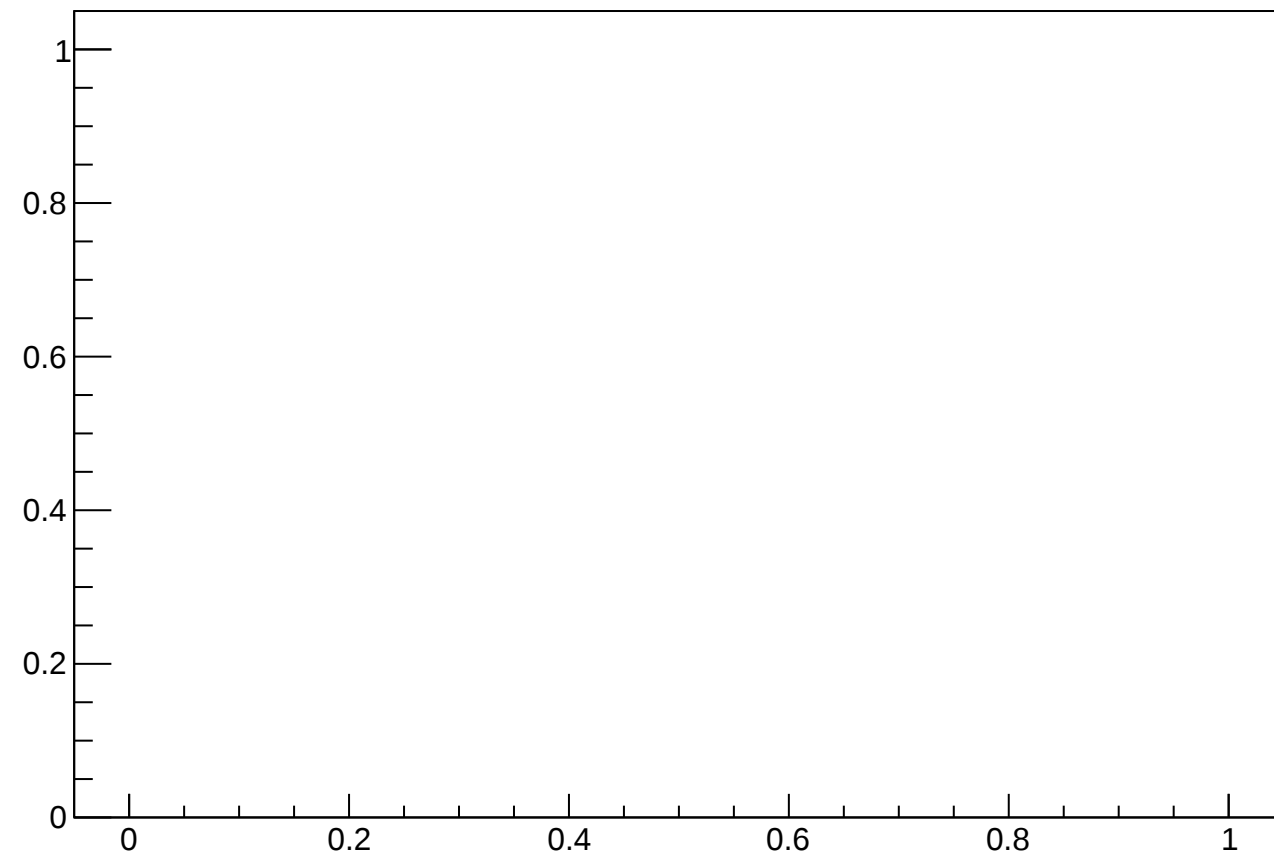
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

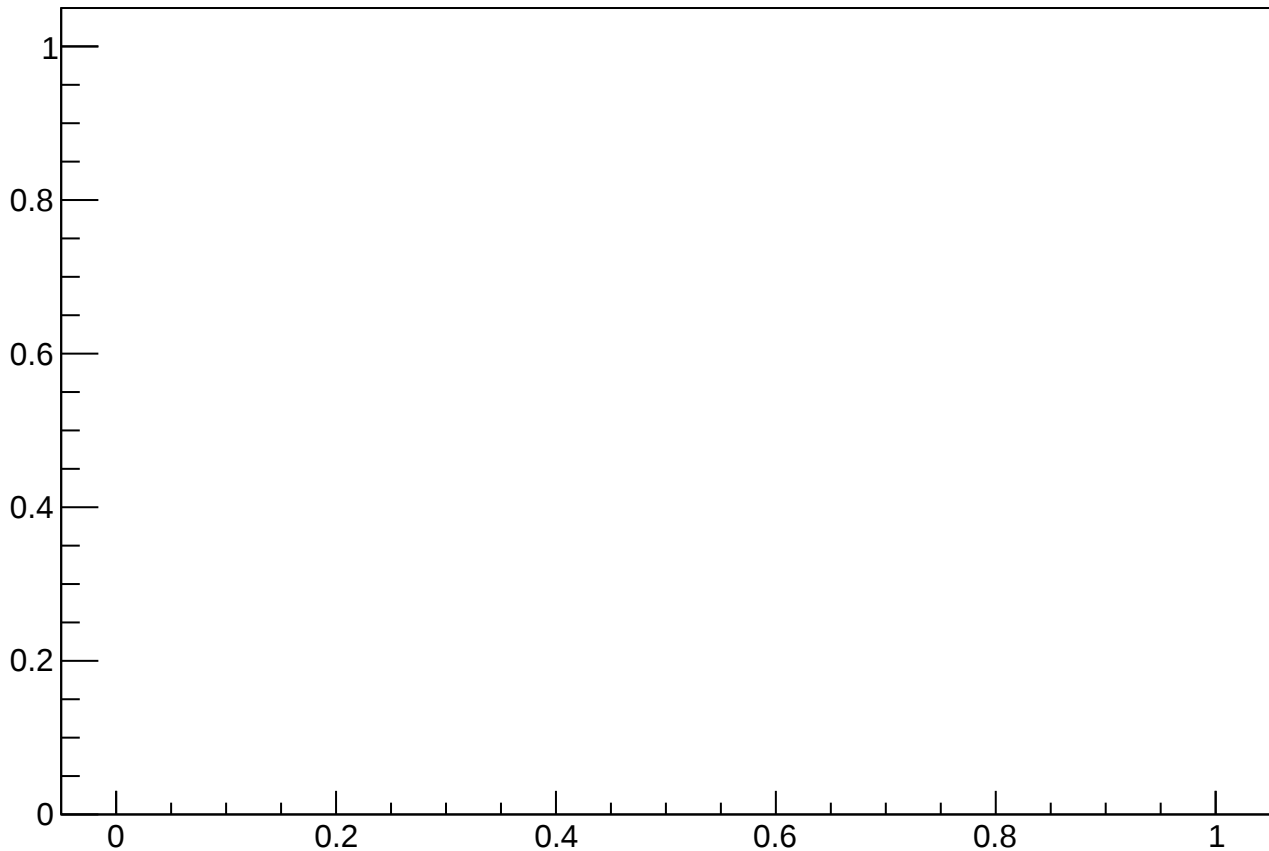
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

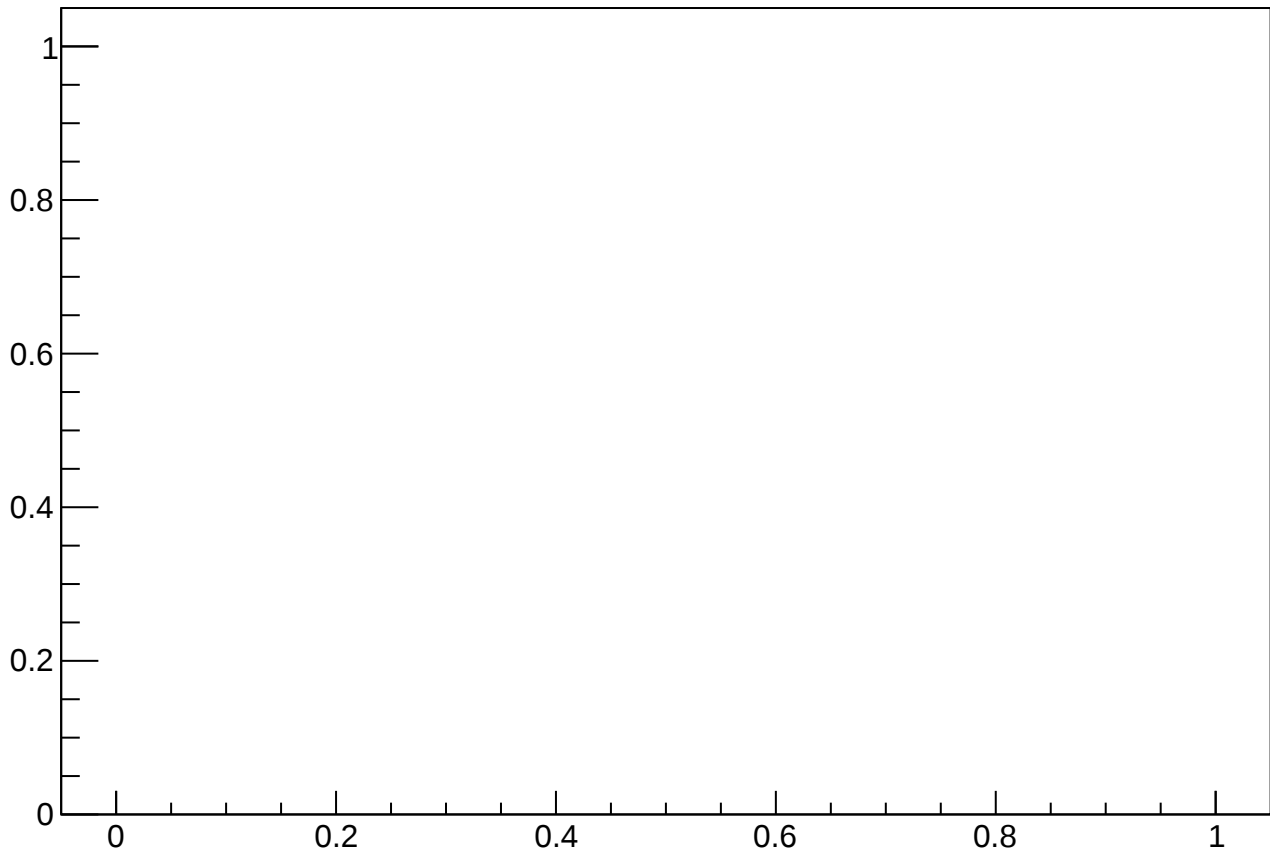
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_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

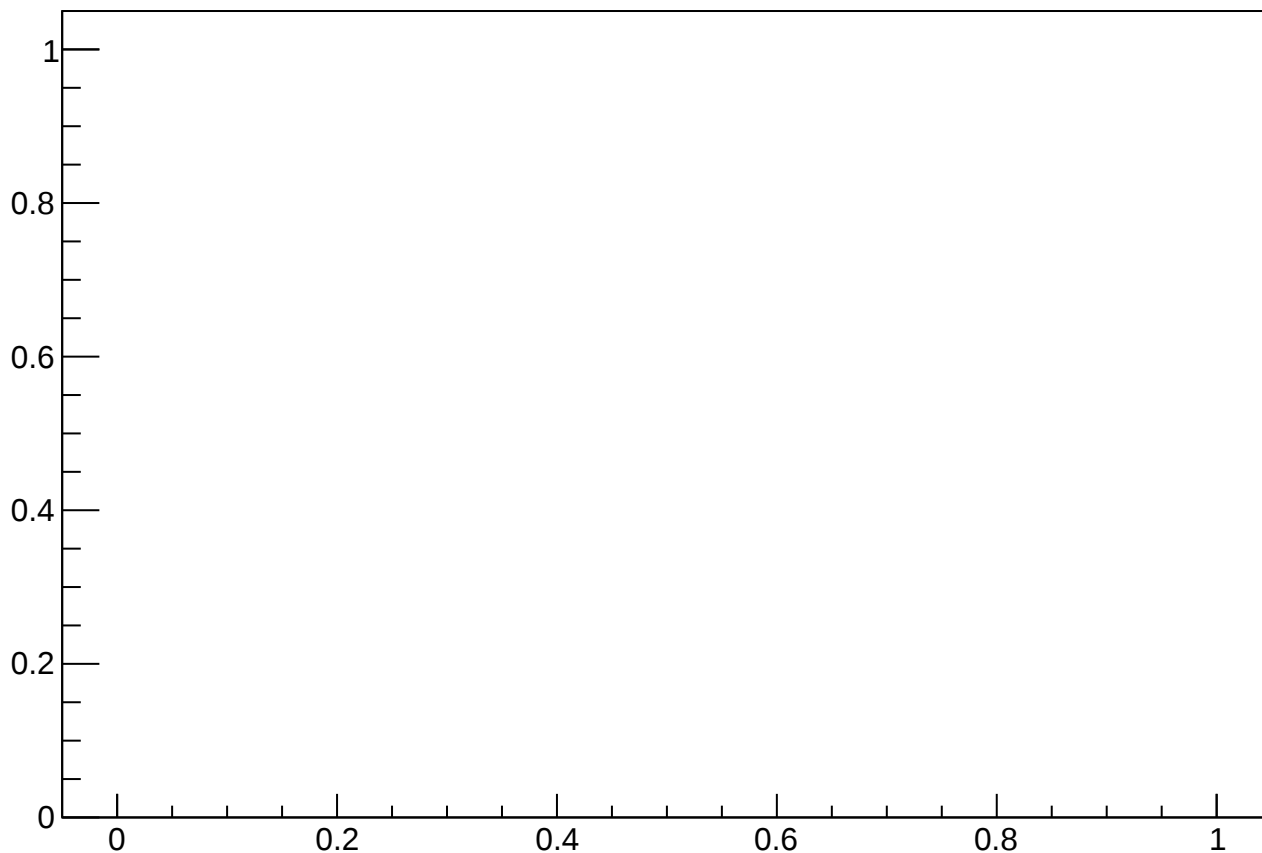
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

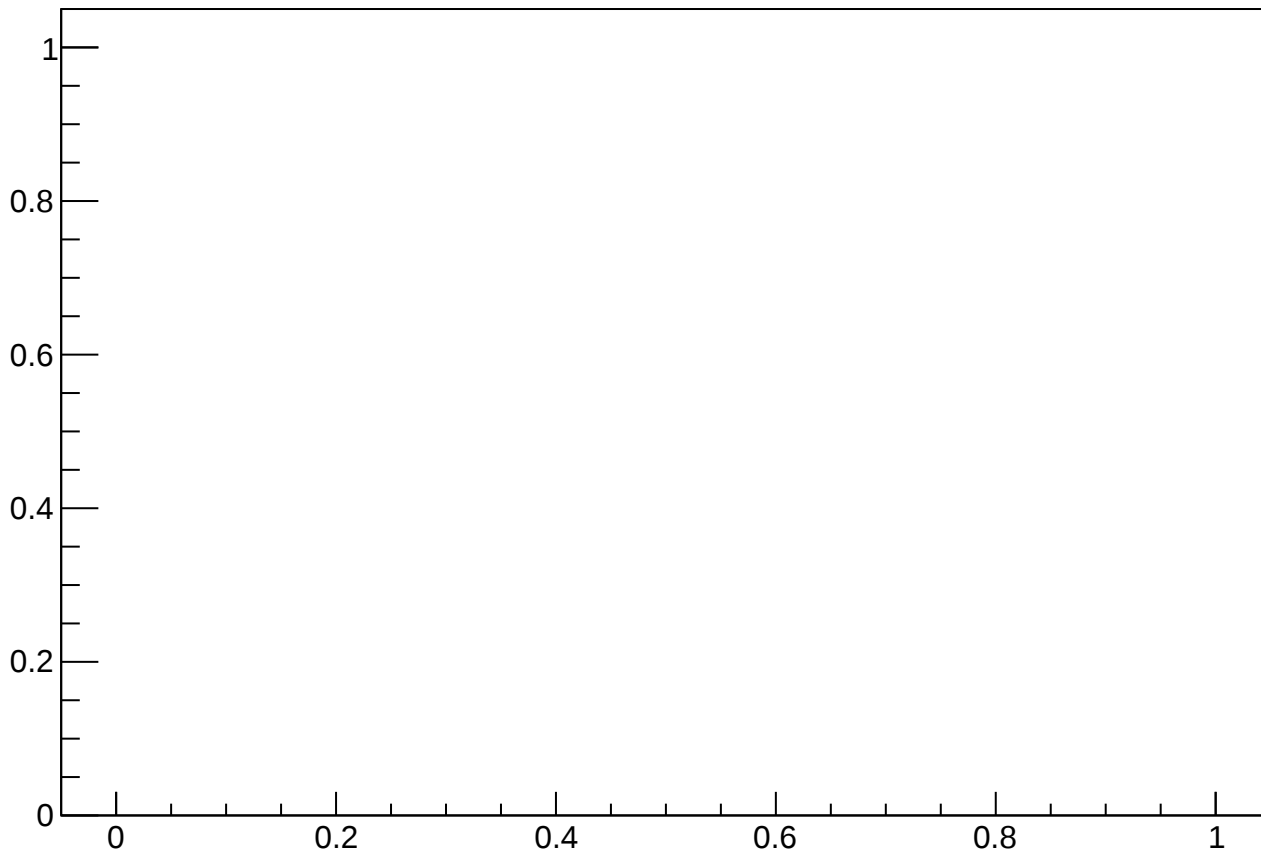
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_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

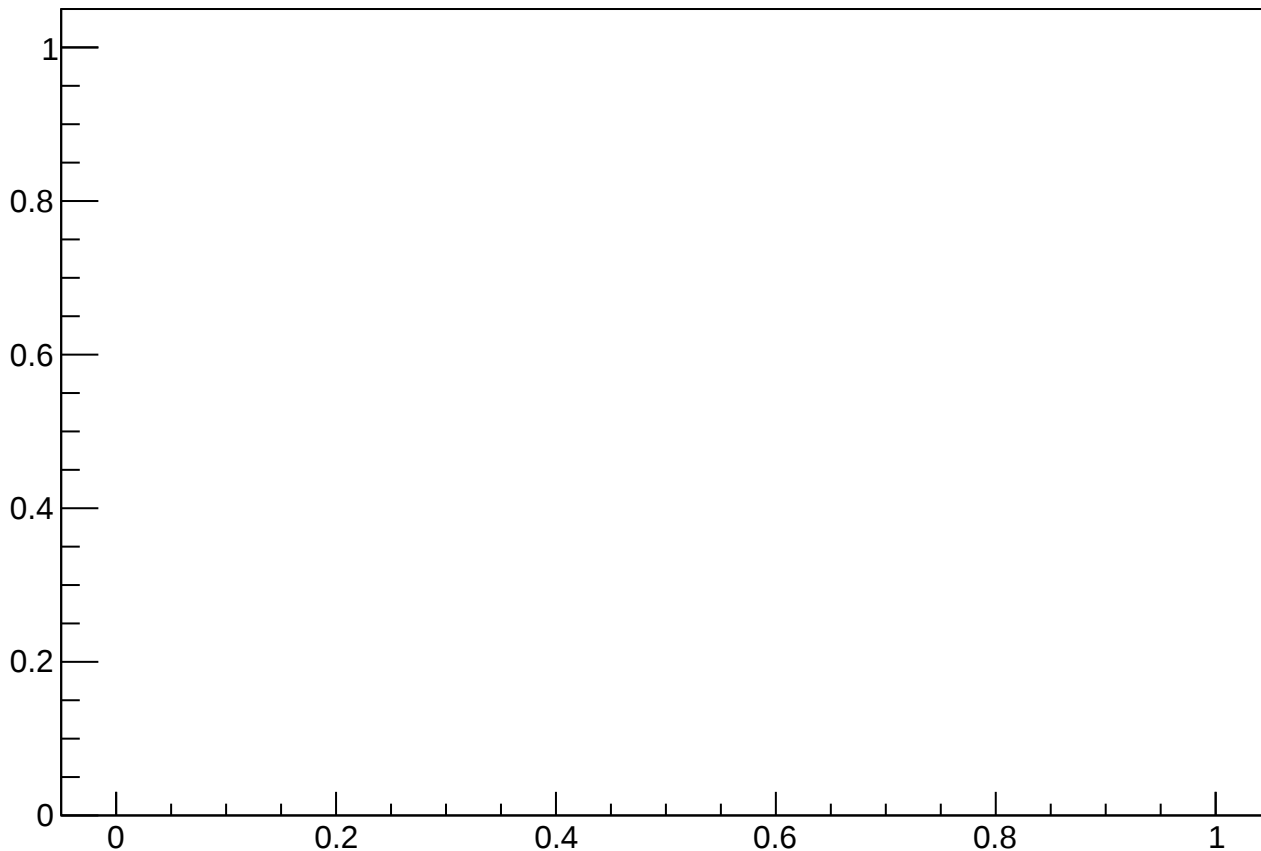
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

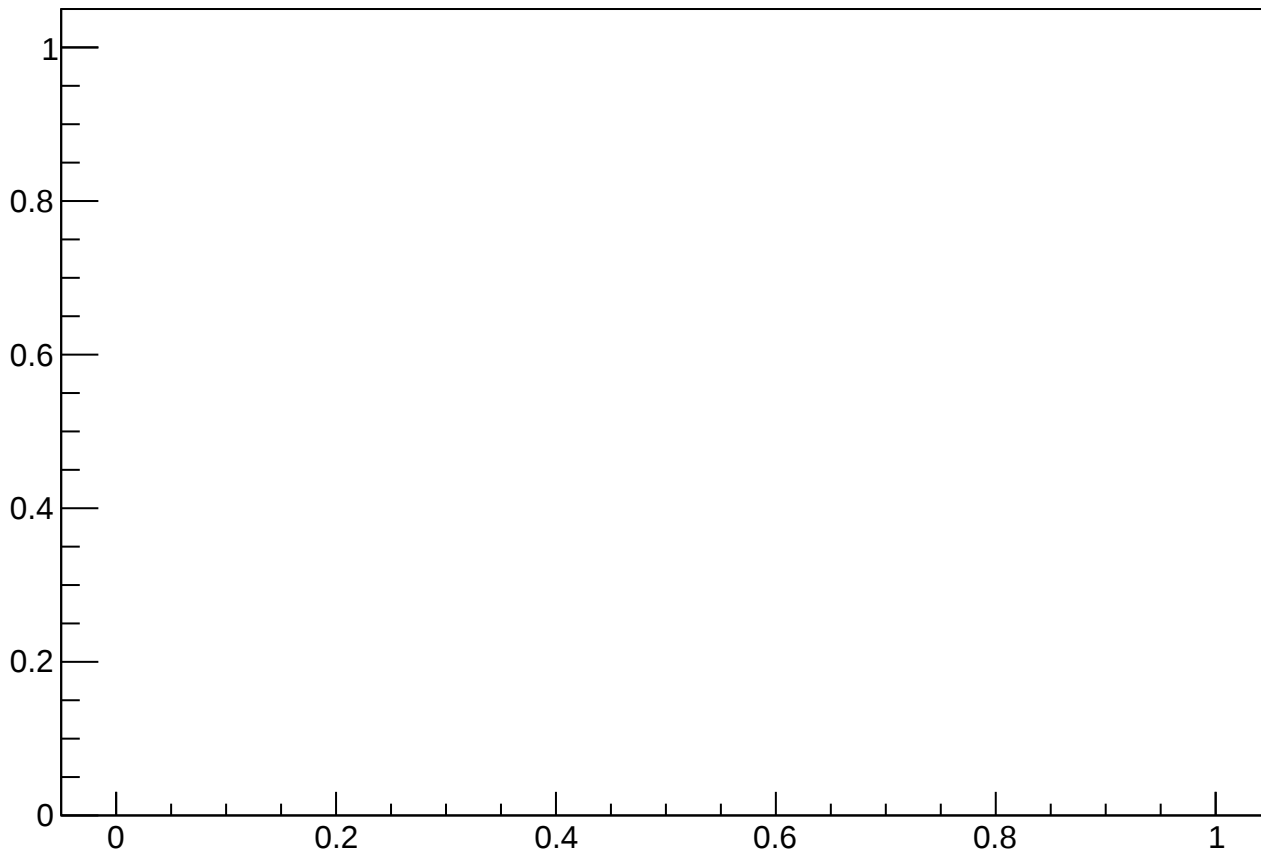
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

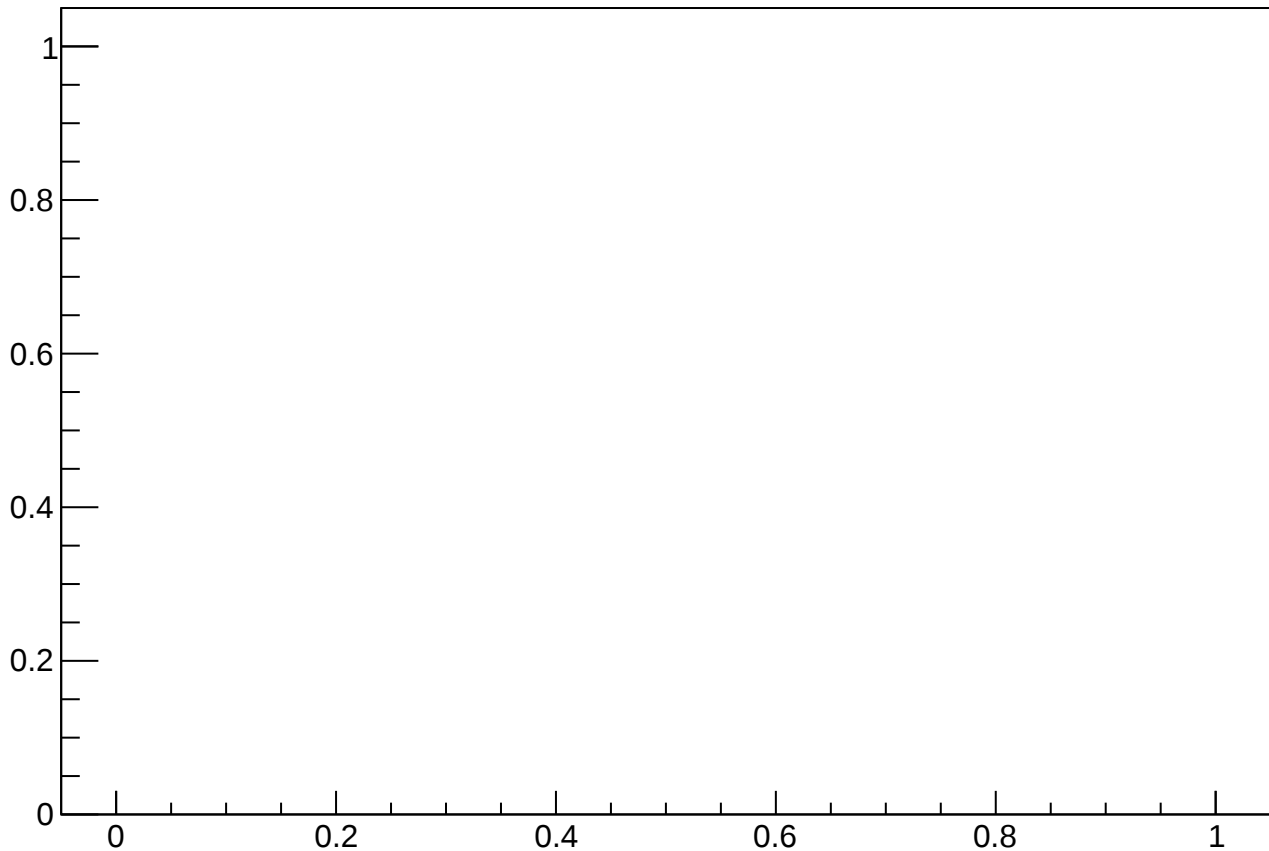
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

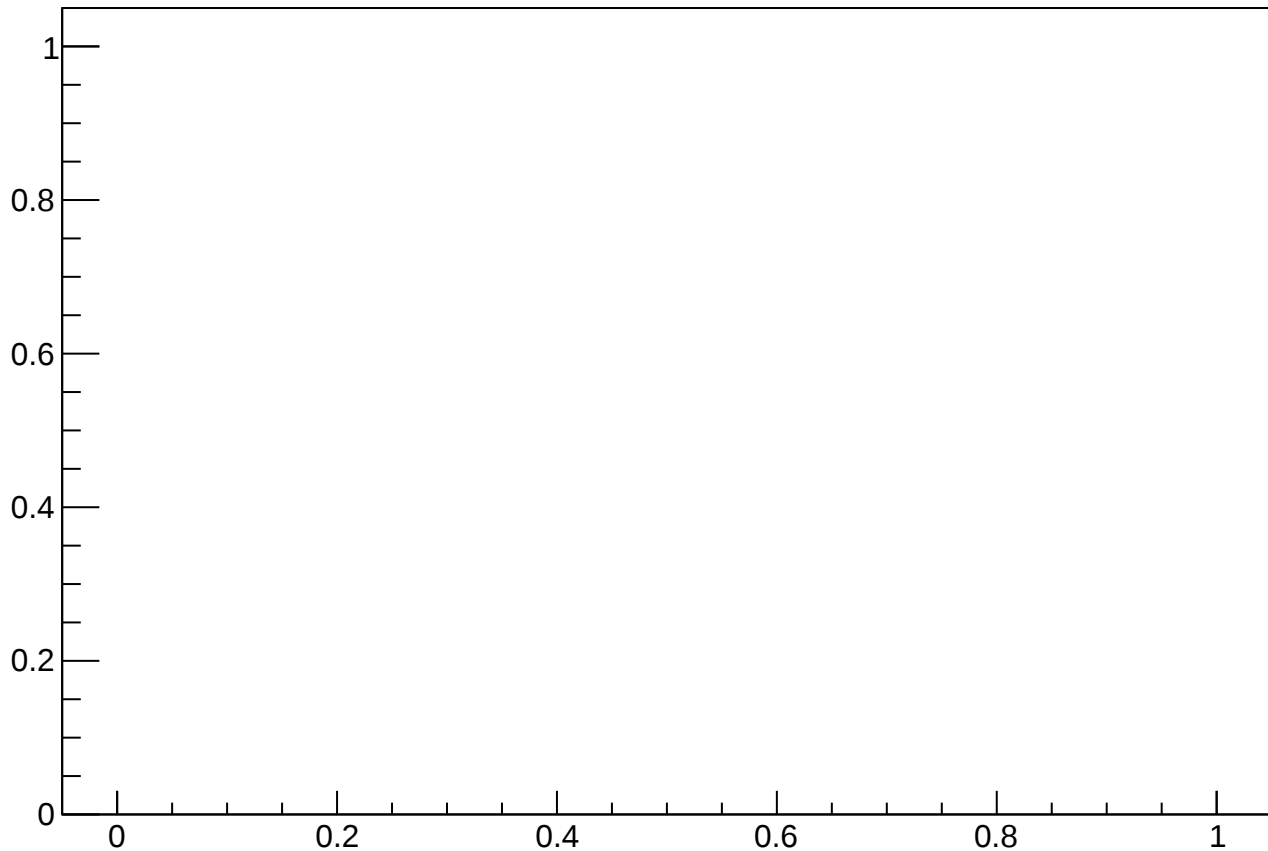
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

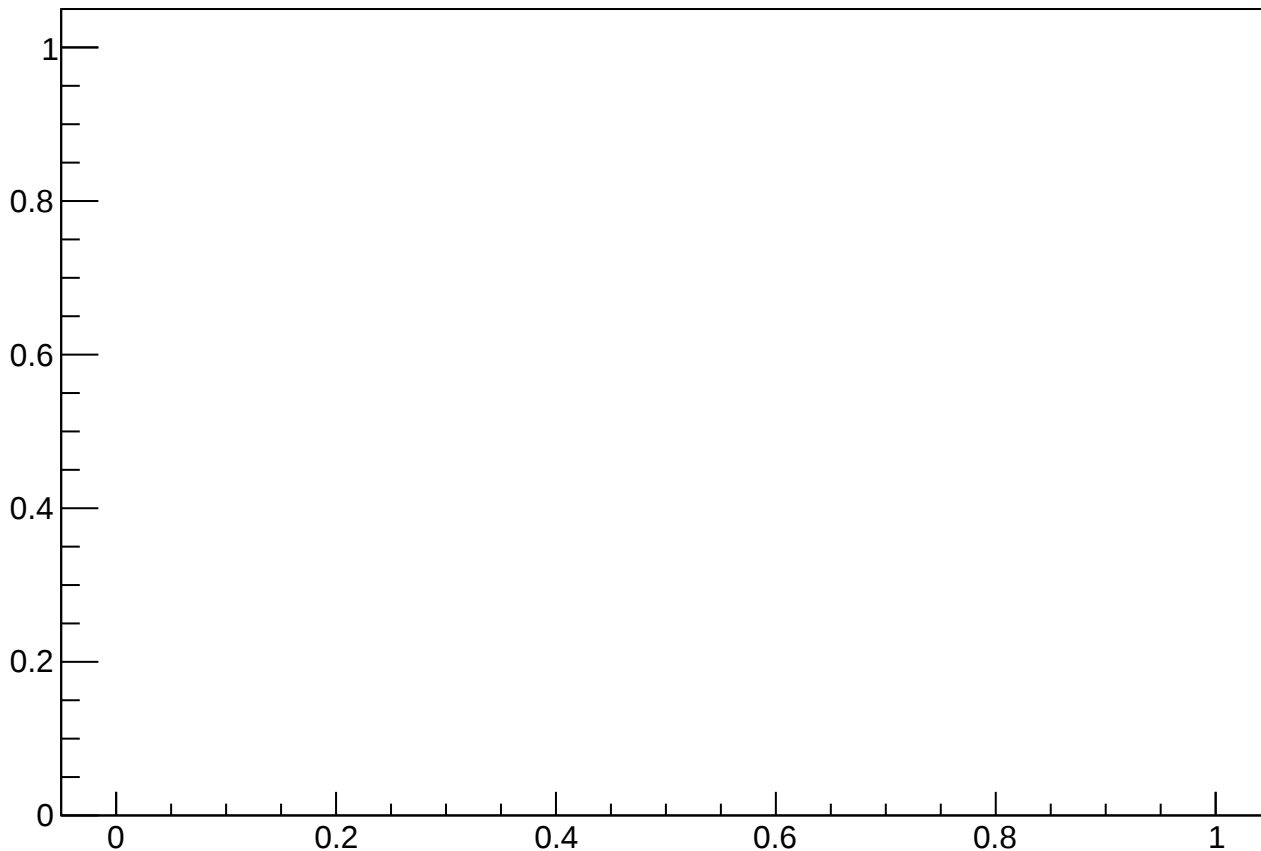
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

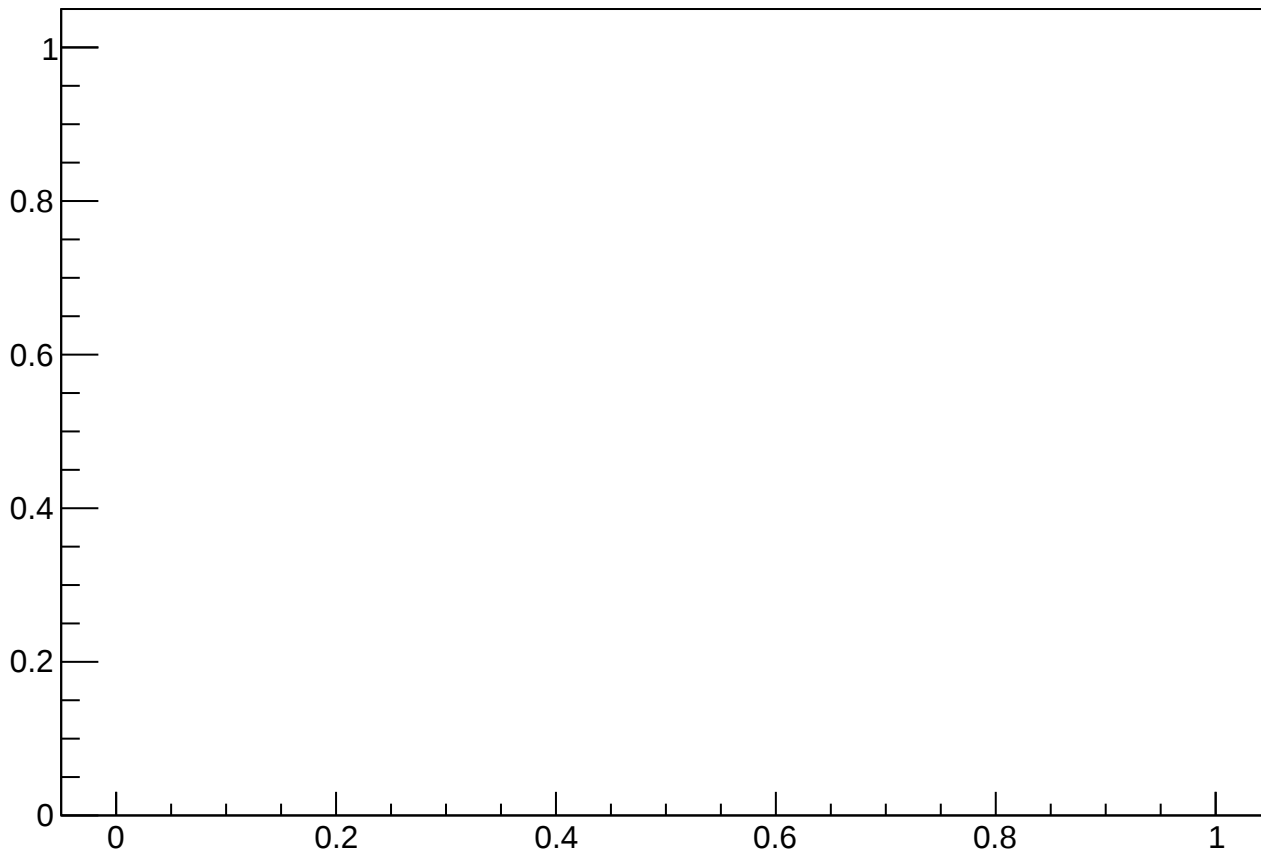
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

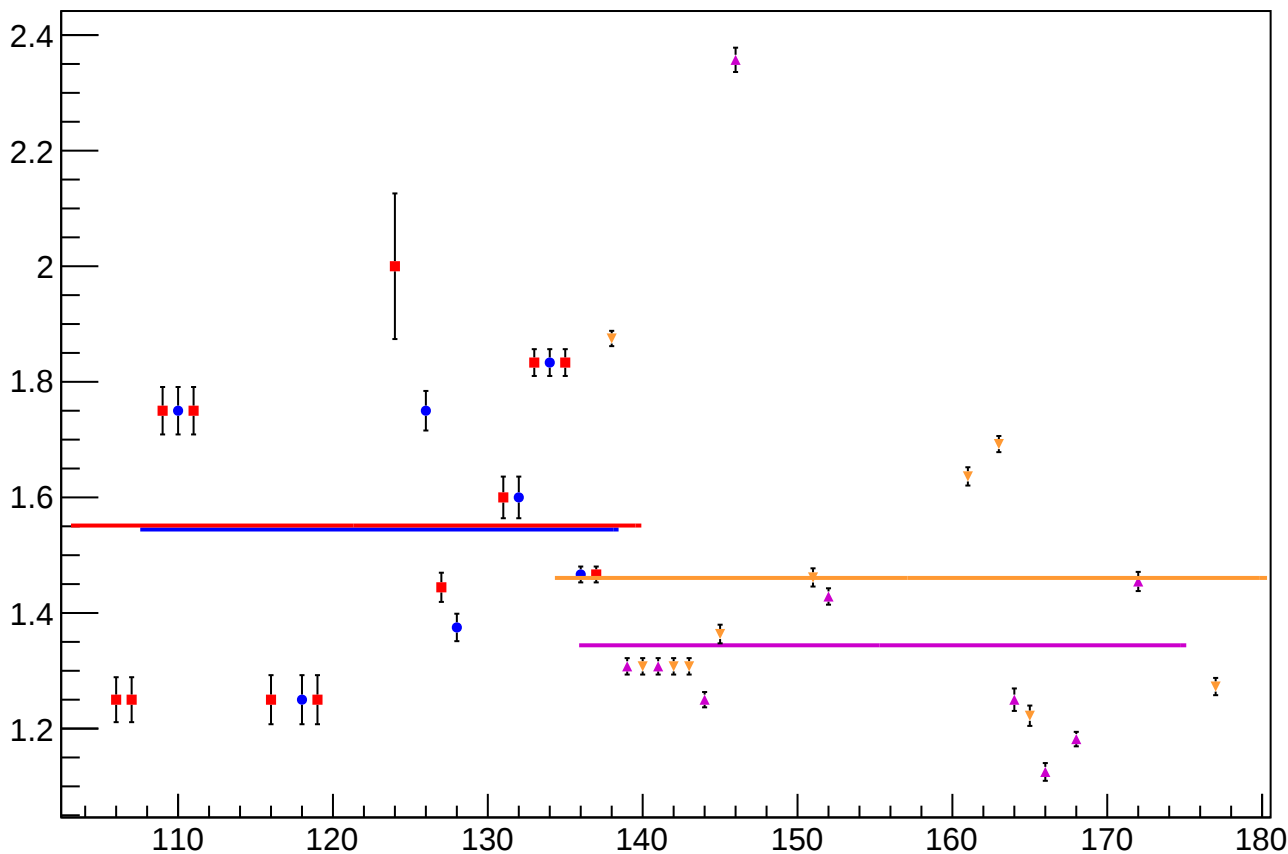
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2/NDF : 349.7/6

Left Out: 1.461 $\pm$ 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

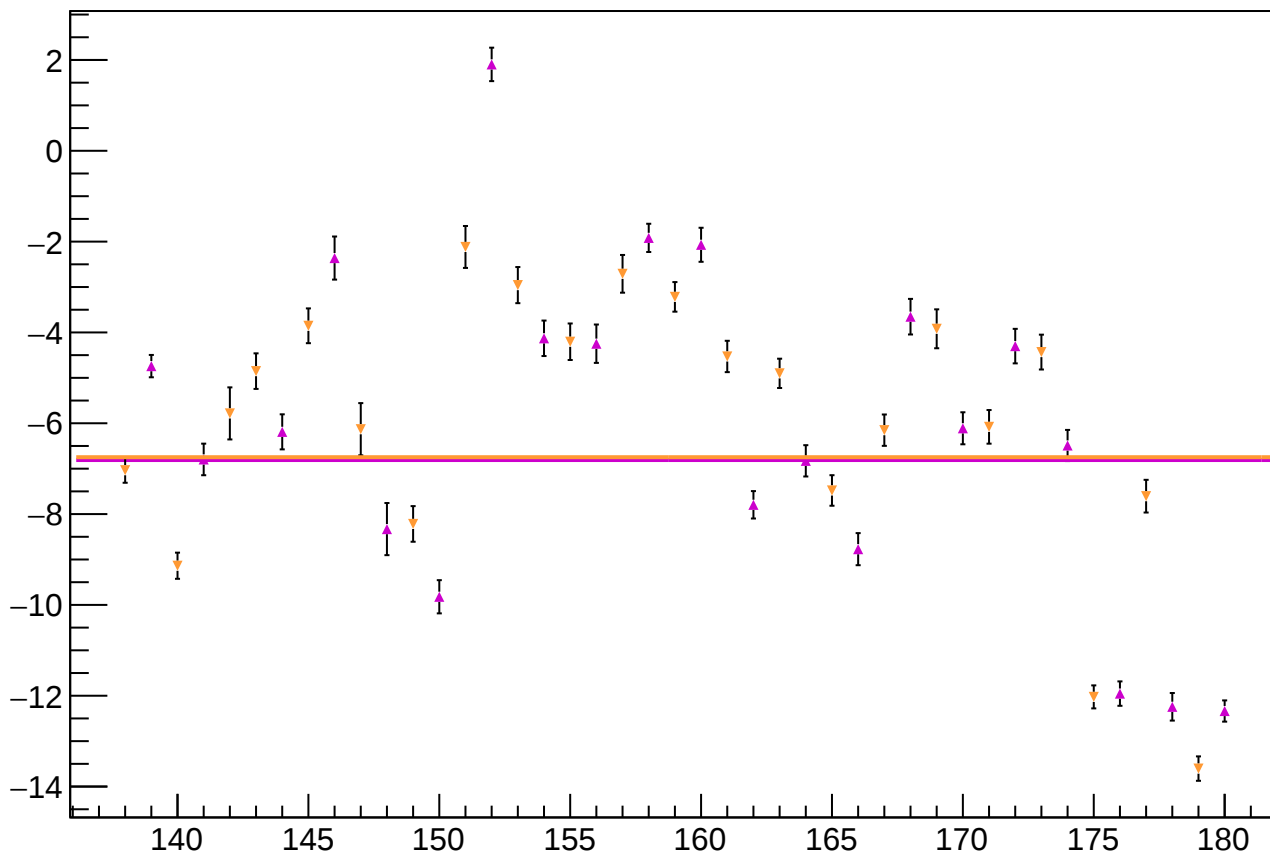
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

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

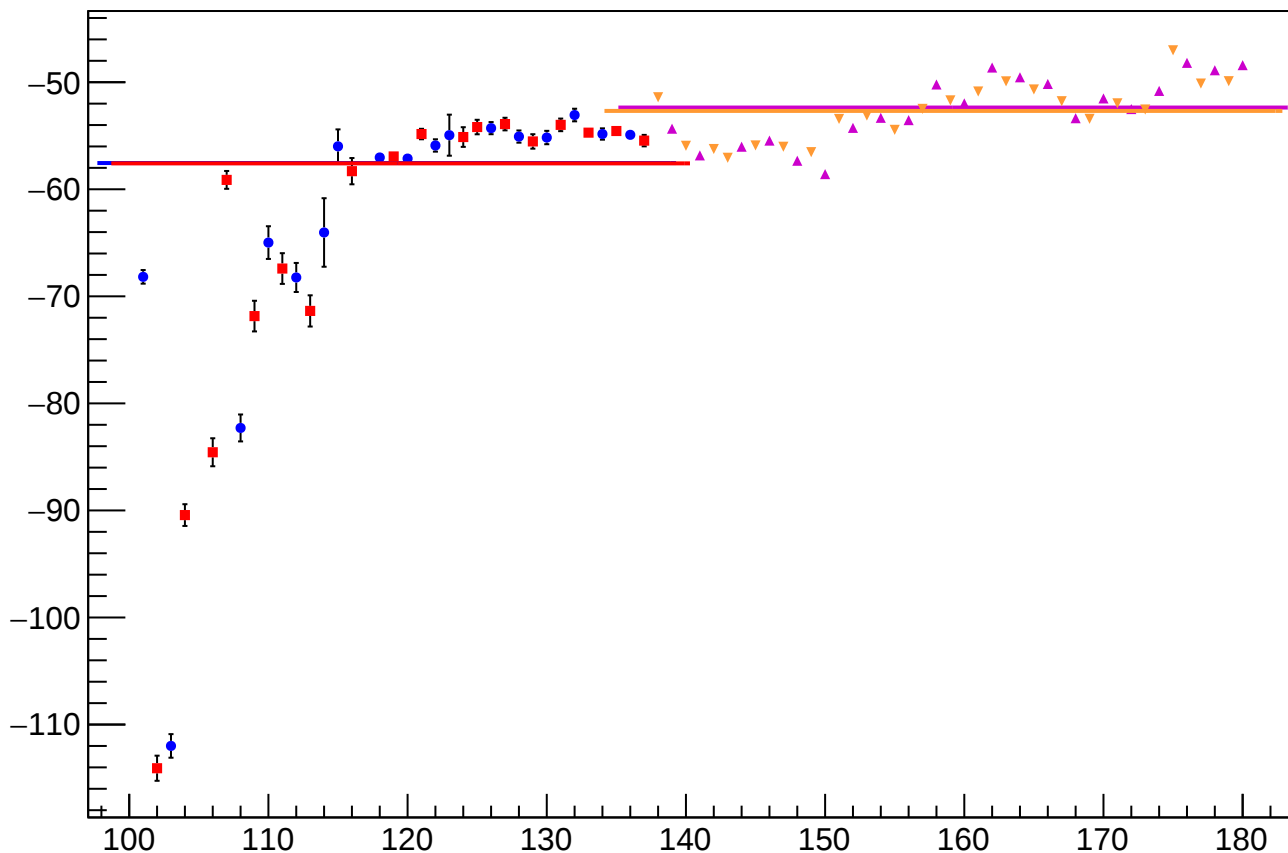
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.748+/-0.076 χ^2/NDF :1866.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.810+/-0.074 χ^2/NDF :2685.9/20

Left: -6.779+/-0.053 χ^2/NDF : 4553.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.810+/-0.074 χ^2/NDF :2685.9/20
 Out: -6.748+/-0.076 χ^2/NDF :1866.8/21
 All: -6.779+/-0.053 χ^2/NDF : 4553.0/42

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 +/- 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.680 +/- 0.059 χ^2/NDF : 2072.4/21

Right Out: -57.581 +/- 0.143 χ^2/NDF : 4343.8/17

Left In: -52.366 +/- 0.060 χ^2/NDF : 2859.2/20

Left: -52.526 +/- 0.042 χ^2/NDF : 4945.7/42

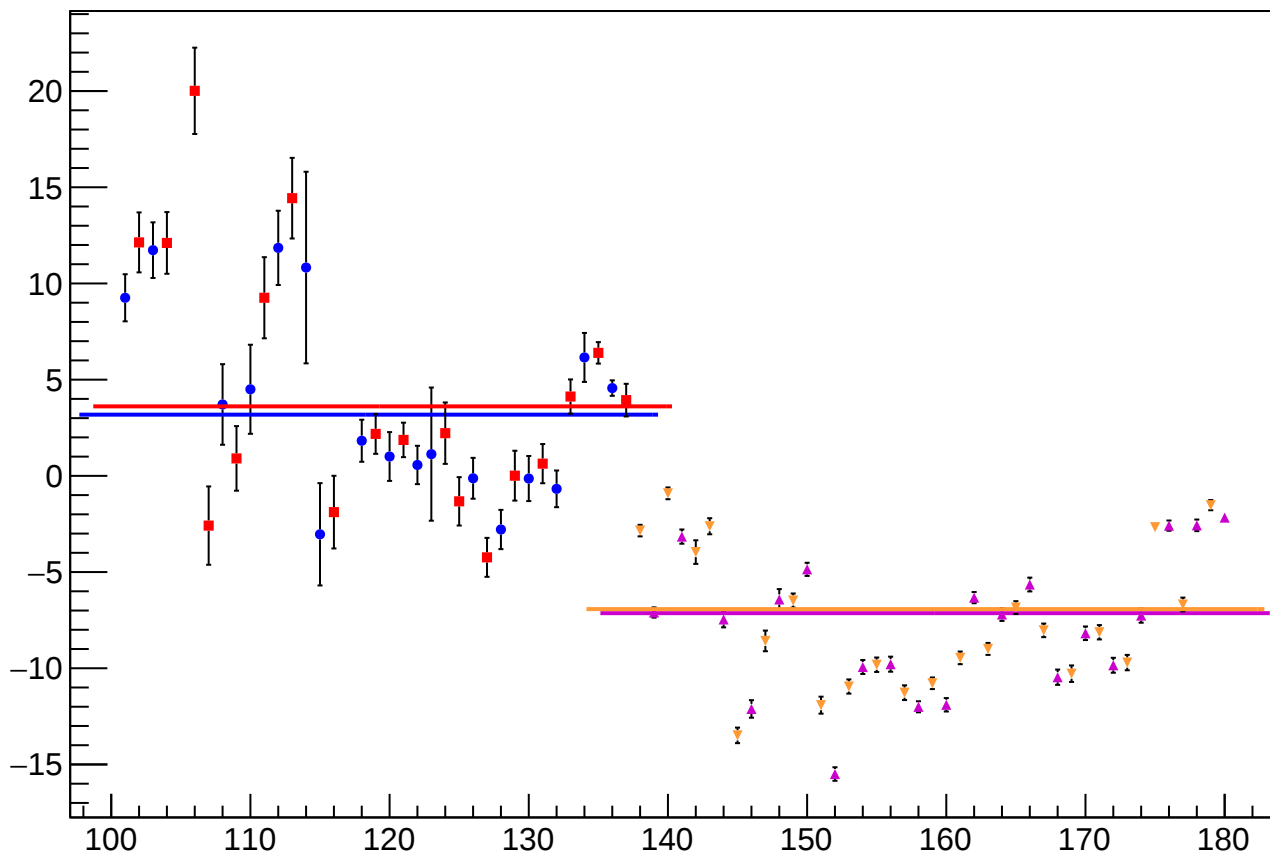
Right: -57.565 +/- 0.101 χ^2/NDF : 7804.2/34

In: -53.150 +/- 0.055 χ^2/NDF : 7457.1/37

Out: -53.388 +/- 0.054 χ^2/NDF : 7422.1/39

All: -53.270 +/- 0.039 χ^2/NDF : 14888.7/77

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -6.926 ± 0.075 $\chi^2/\text{NDF}: 2505.3/21$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -7.136 ± 0.073 $\chi^2/\text{NDF}: 2554.1/20$

Left: -7.034 ± 0.052 $\chi^2/\text{NDF}: 5063.5/42$

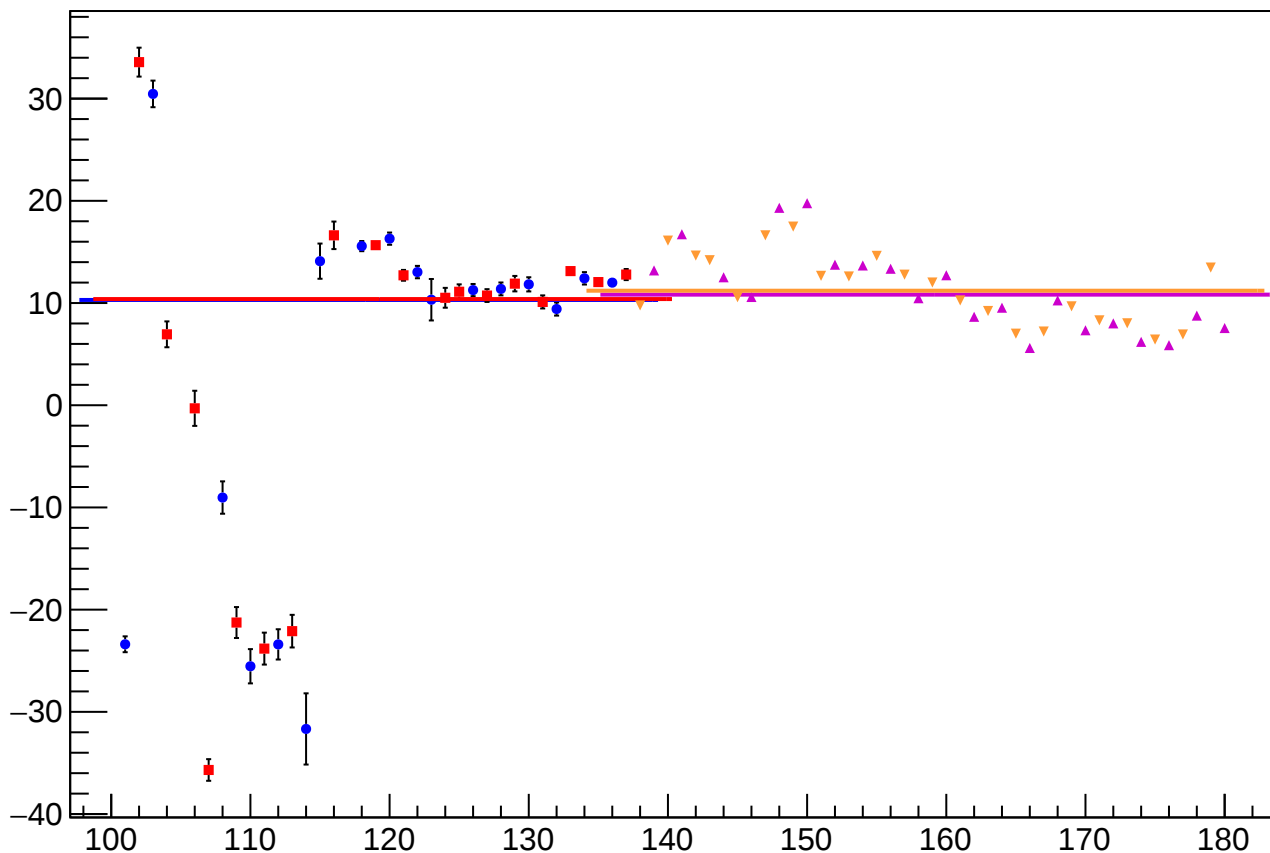
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -6.369 ± 0.070 $\chi^2/\text{NDF}: 4219.7/37$

Out: -6.159 ± 0.072 $\chi^2/\text{NDF}: 4229.5/39$

All: -6.267 ± 0.050 $\chi^2/\text{NDF}: 8453.5/77$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.206+/-0.066 χ^2/NDF : 2453.1/21

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 10.822+/-0.066 χ^2/NDF : 3460.9/20

Left: 11.015+/-0.047 χ^2/NDF : 5930.9/42

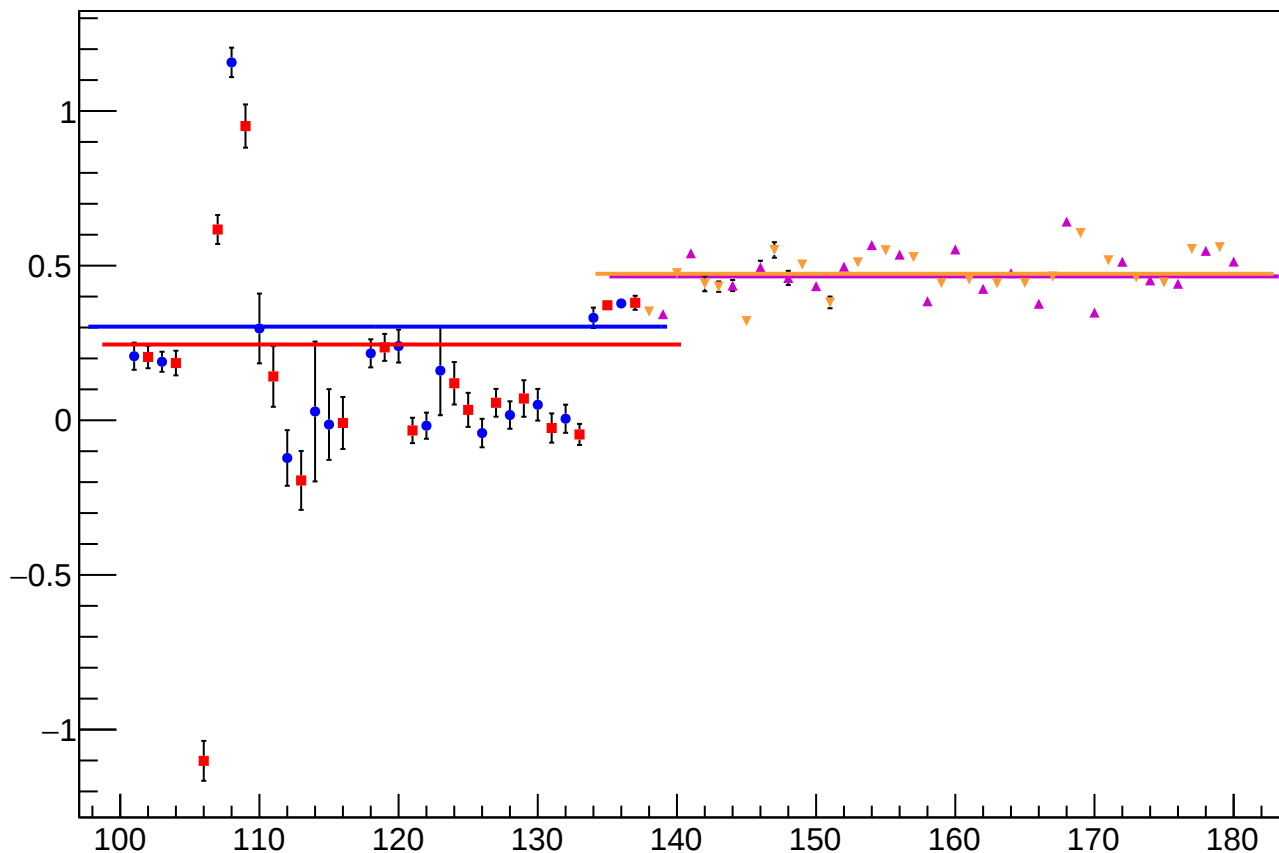
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 10.743+/-0.061 χ^2/NDF : 7169.6/37

Out: 11.087+/-0.061 χ^2/NDF : 6261.8/39

All: 10.915+/-0.043 χ^2/NDF : 13447.3/77

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.474 $\pm$ 0.003 χ^2 /NDF:500.1/21

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.465 $\pm$ 0.003 χ^2 /NDF:743.1/20

Left: 0.469 $\pm$ 0.002 χ^2 /NDF: 1247.4/42

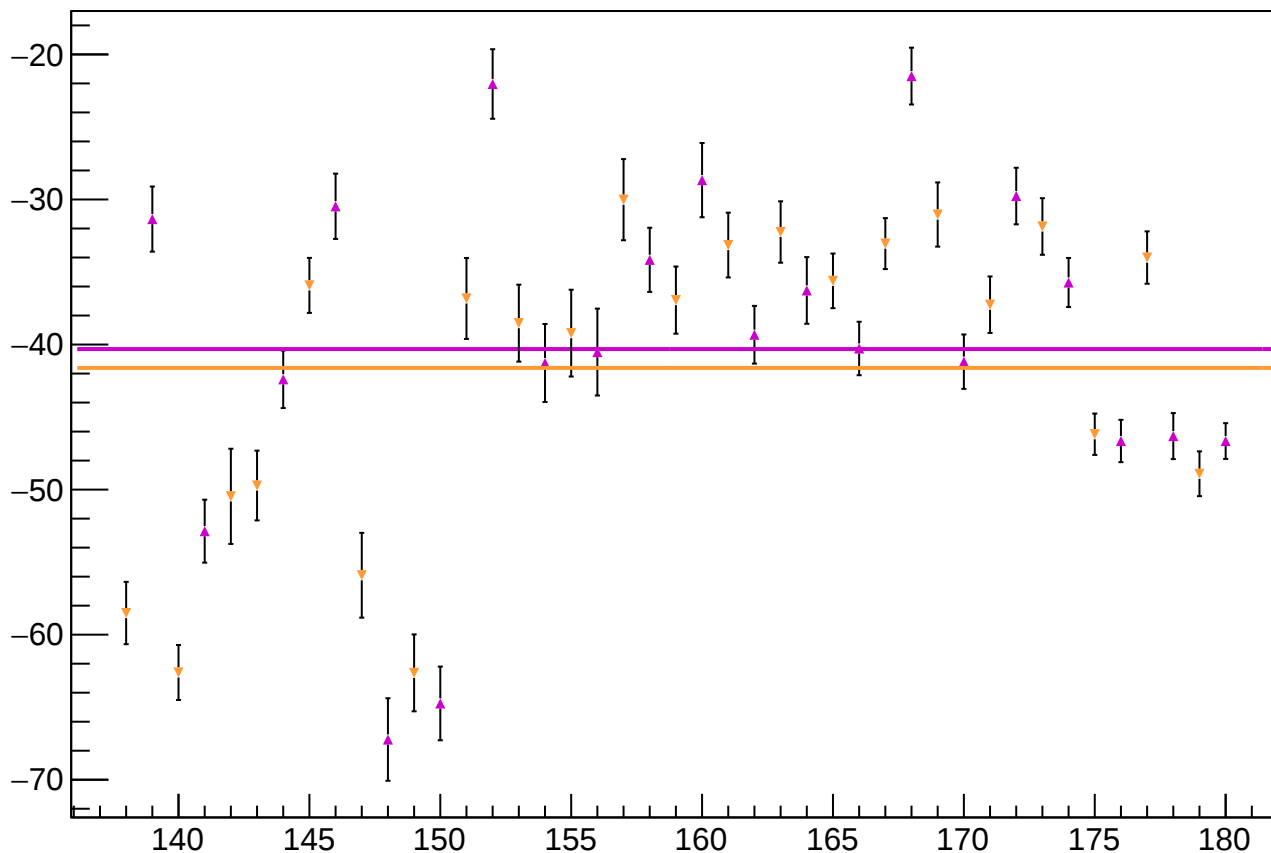
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.447 $\pm$ 0.003 χ^2 /NDF:1739.0/37

Out: 0.449 $\pm$ 0.003 χ^2 /NDF:2097.2/39

All: 0.448 $\pm$ 0.002 χ^2 /NDF: 3836.5/77

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.610+/-0.448 χ^2/NDF :496.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.311+/-0.433 χ^2/NDF :530.5/20

Left: -40.937+/-0.311 χ^2/NDF : 1031.2/42

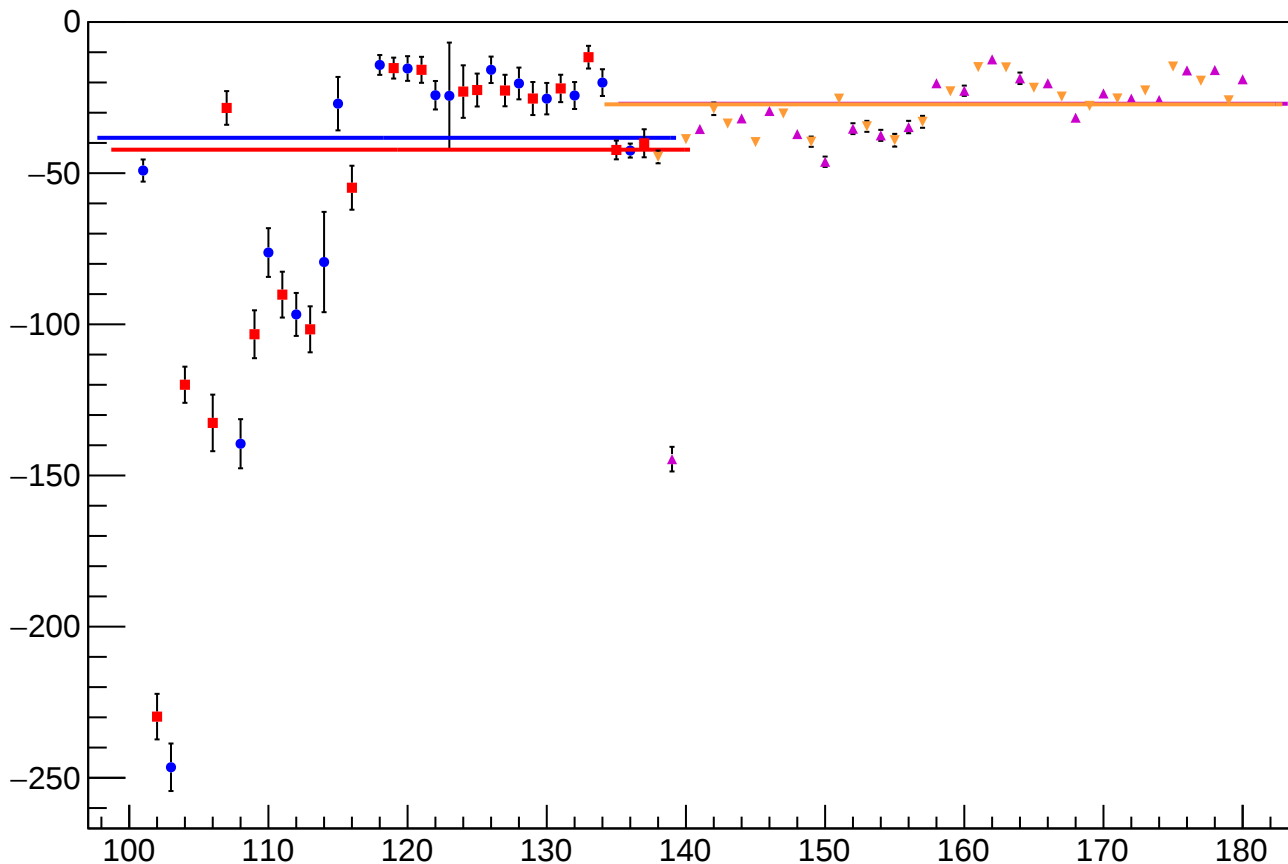
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.311+/-0.433 χ^2/NDF :530.5/20

Out: -41.610+/-0.448 χ^2/NDF :496.4/21

All: -40.937+/-0.311 χ^2/NDF : 1031.2/42

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -27.230+/-0.343 χ^2/NDF : 585.5/21

Right Out: -42.231+/-1.210 χ^2/NDF : 1278.1/17

Left In: -27.036+/-0.343 χ^2/NDF : 1459.0/20

Left: -27.133+/-0.242 χ^2/NDF : 2044.7/42

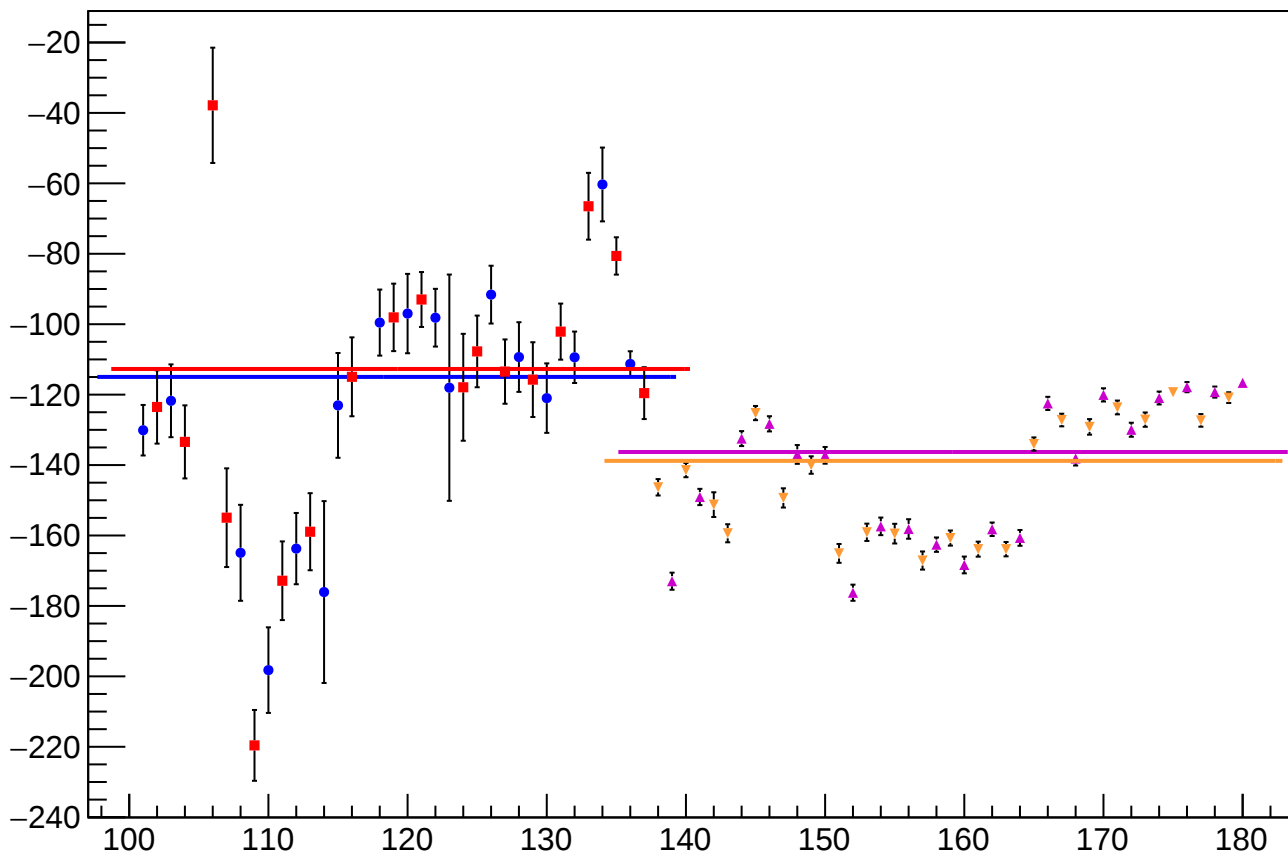
Right: -40.148+/-0.829 χ^2/NDF : 2416.5/34

In: -27.972+/-0.328 χ^2/NDF : 2681.7/37

Out: -28.347+/-0.330 χ^2/NDF : 2006.0/39

All: -28.158+/-0.233 χ^2/NDF : 4688.3/77

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -138.809 ± 0.447 χ^2/NDF : 1410.9/21

Right Out: -112.713 ± 2.210 χ^2/NDF : 267.1/17

Left In: -136.291 ± 0.430 χ^2/NDF : 2056.6/20

Left: -137.502 ± 0.310 χ^2/NDF : 3484.0/42

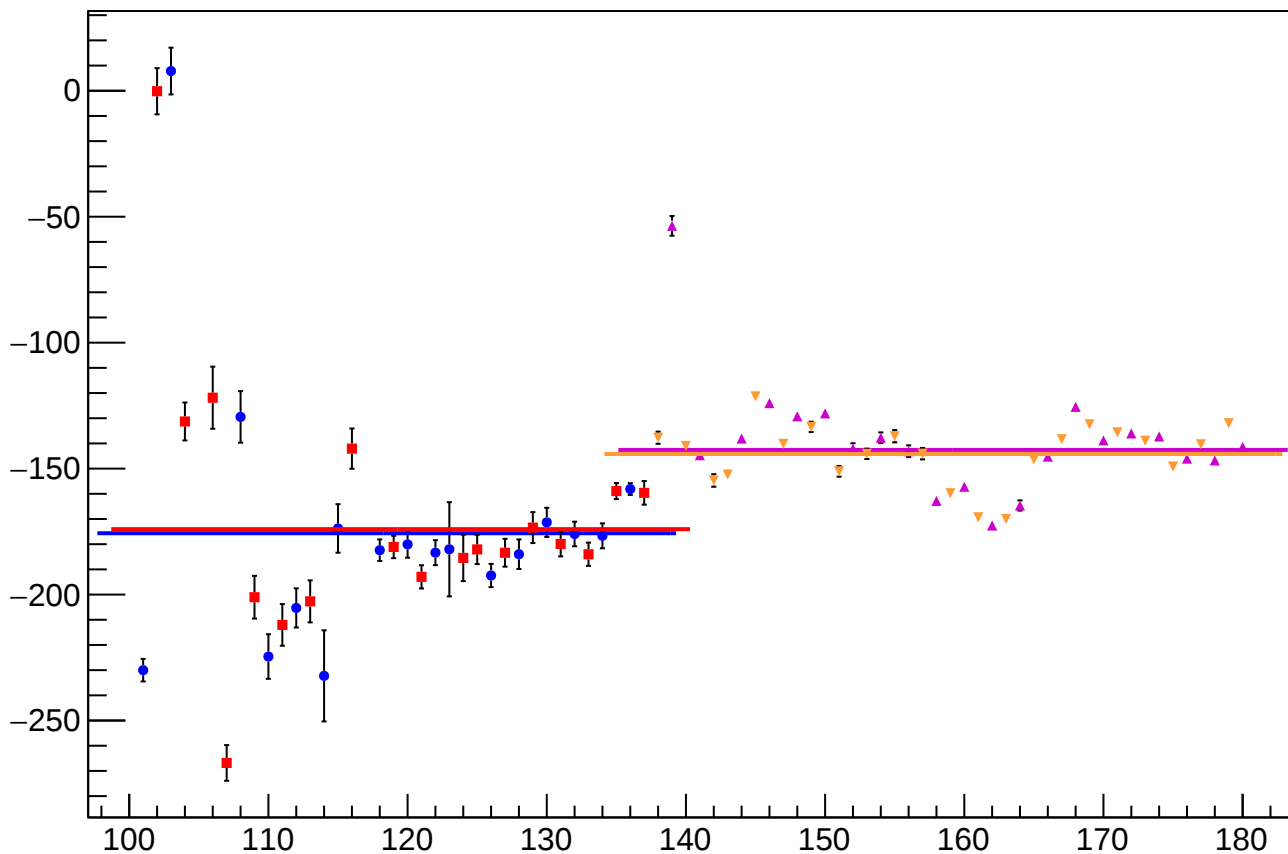
Right: -113.912 ± 1.513 χ^2/NDF : 409.1/34

In: -135.412 ± 0.421 χ^2/NDF : 2299.3/37

Out: -137.783 ± 0.438 χ^2/NDF : 1812.0/39

All: -136.551 ± 0.304 χ^2/NDF : 4126.5/77

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -144.209 ± 0.388 χ^2/NDF : 987.6/21

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.575 ± 0.384 χ^2/NDF : 1540.3/20

Left: -143.384 ± 0.273 χ^2/NDF : 2536.9/42

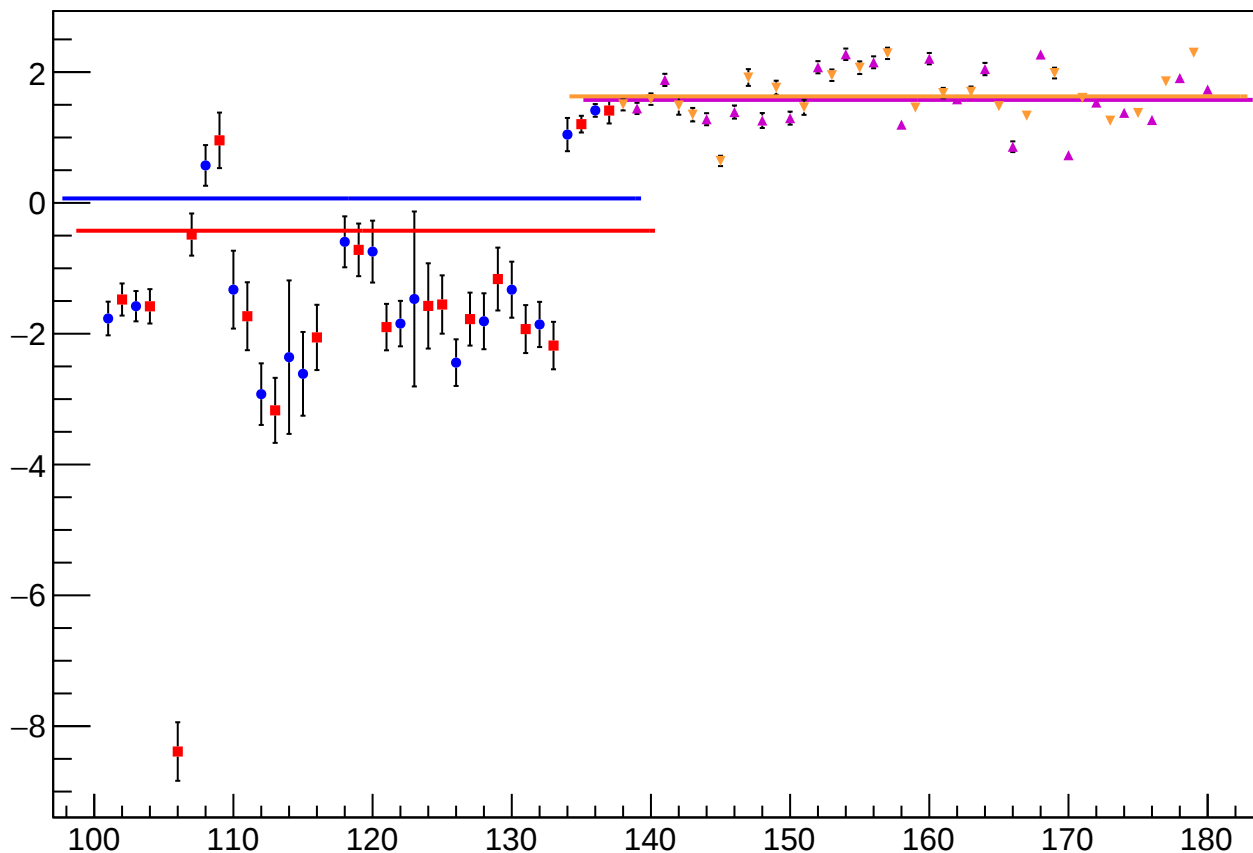
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.345 ± 0.367 χ^2/NDF : 2854.7/37

Out: -146.463 ± 0.373 χ^2/NDF : 2138.6/39

All: -145.896 ± 0.262 χ^2/NDF : 4997.8/77

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.629 ± 0.018 χ^2/NDF : 451.6/21

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.575 ± 0.017 χ^2/NDF : 653.0/20

Left: 1.601 ± 0.012 χ^2/NDF : 1109.2/42

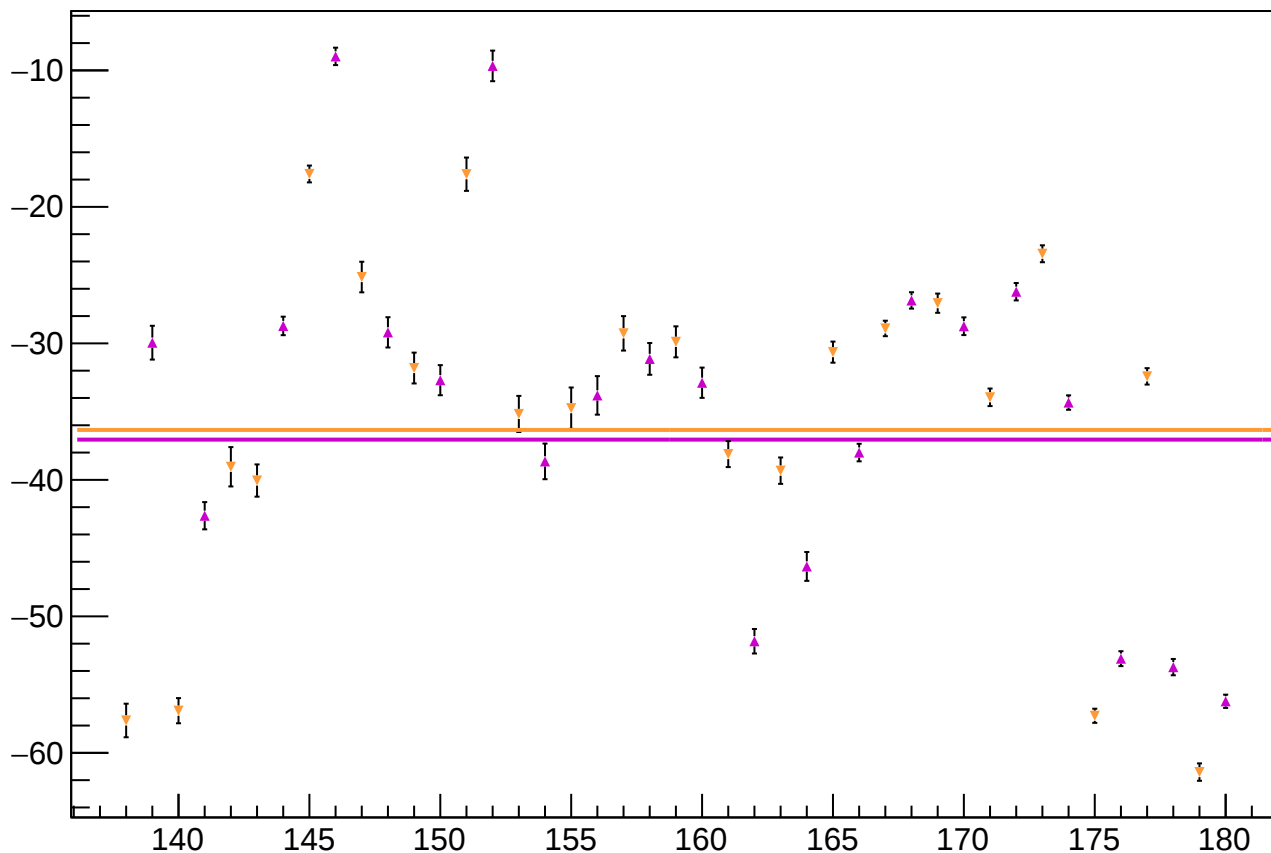
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.480 ± 0.017 χ^2/NDF : 1652.4/37

Out: 1.507 ± 0.017 χ^2/NDF : 1976.6/39

All: 1.493 ± 0.012 χ^2/NDF : 3630.4/77

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.340+/-0.173 χ^2/NDF :6223.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.051+/-0.163 χ^2/NDF :7172.5/20

Left: -36.717+/-0.119 χ^2/NDF : 13404.7/42

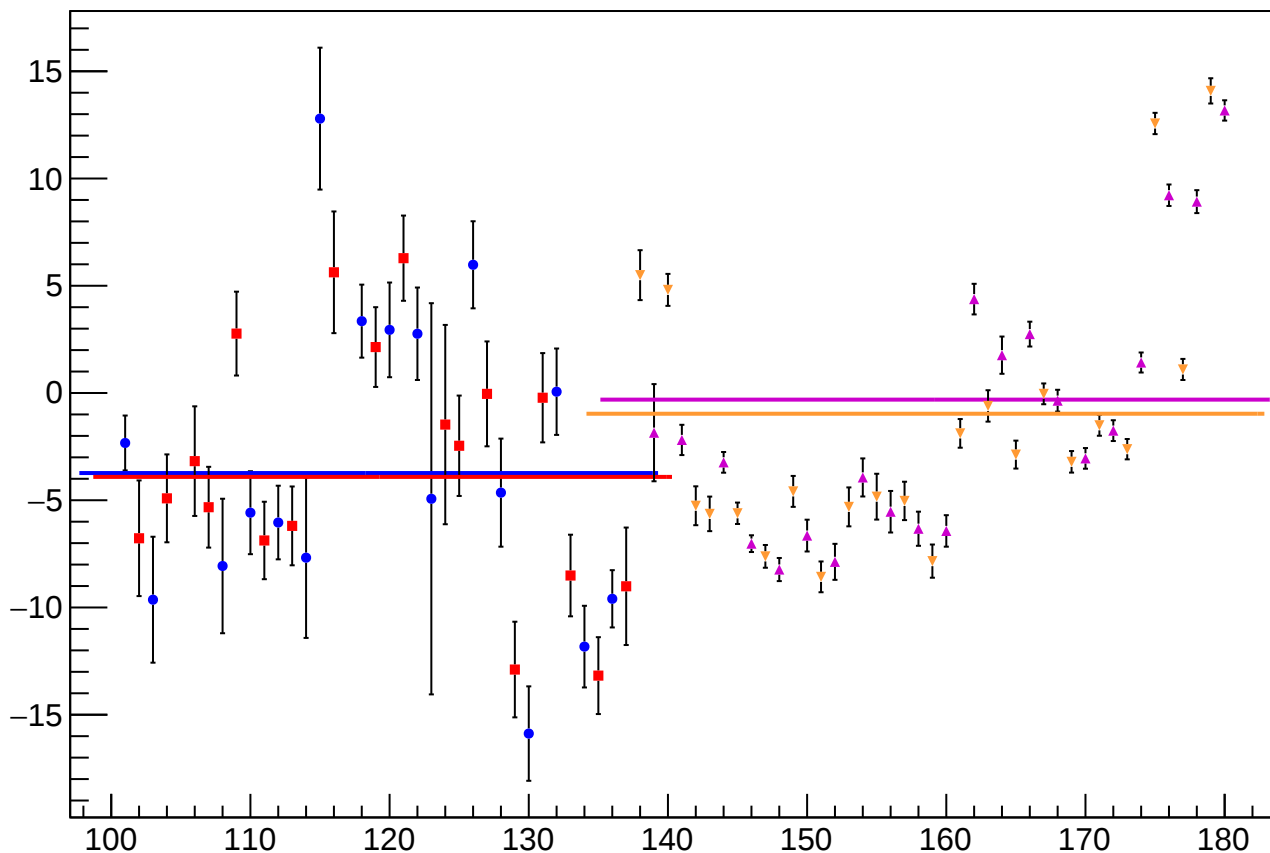
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.051+/-0.163 χ^2/NDF :7172.5/20

Out: -36.340+/-0.173 χ^2/NDF :6223.3/21

All: -36.717+/-0.119 χ^2/NDF : 13404.7/42

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -0.967 ± 0.133 $\chi^2/\text{NDF}: 2125.5/21$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -0.309 ± 0.128 $\chi^2/\text{NDF}: 2484.6/20$

Left: -0.625 ± 0.092 $\chi^2/\text{NDF}: 4622.7/42$

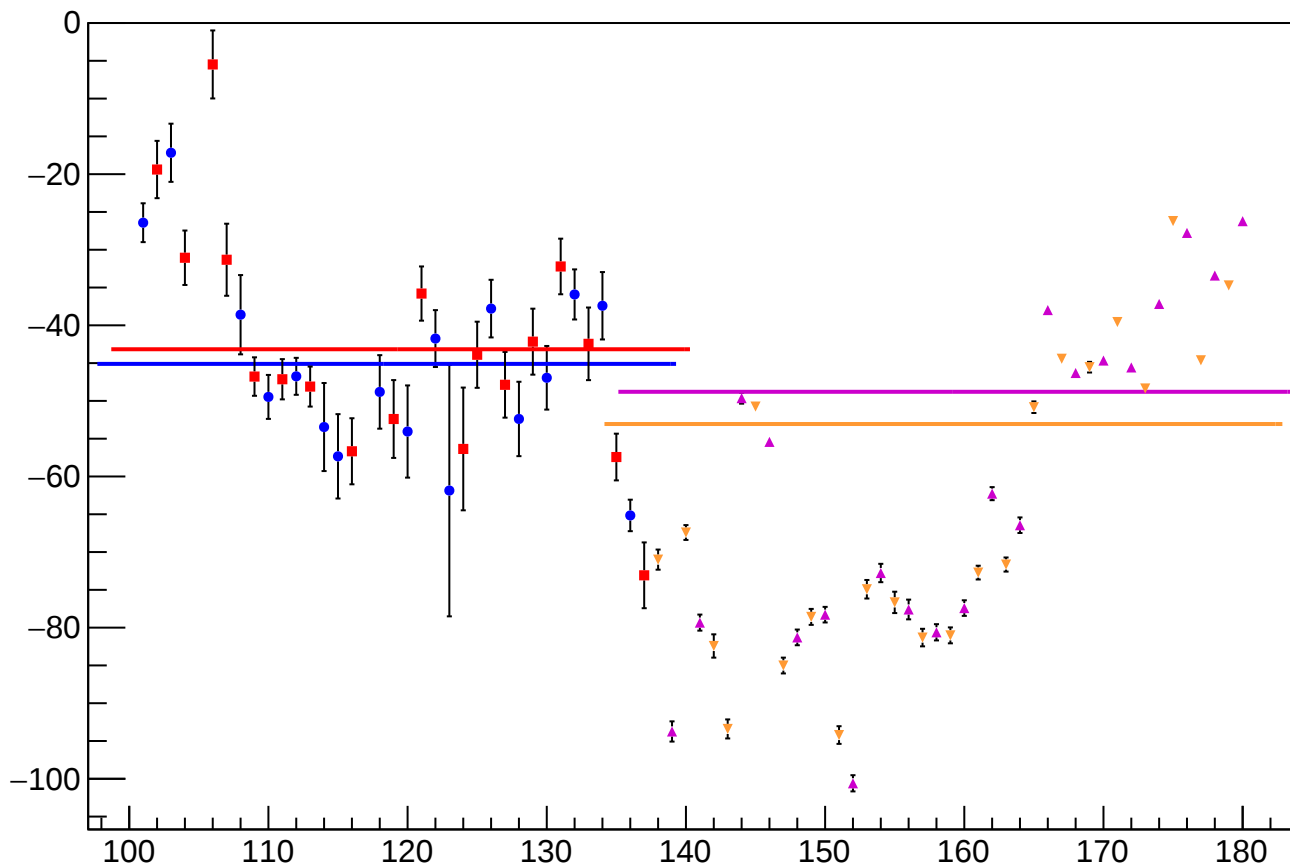
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -0.524 ± 0.124 $\chi^2/\text{NDF}: 2695.1/37$

Out: -1.158 ± 0.129 $\chi^2/\text{NDF}: 2281.8/39$

All: -0.829 ± 0.089 $\chi^2/\text{NDF}: 4989.4/77$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -53.058 ± 0.174 χ^2/NDF : 11848.0/21

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -48.795 ± 0.164 χ^2/NDF : 14388.5/20

Left: -50.798 ± 0.119 χ^2/NDF : 26555.9/42

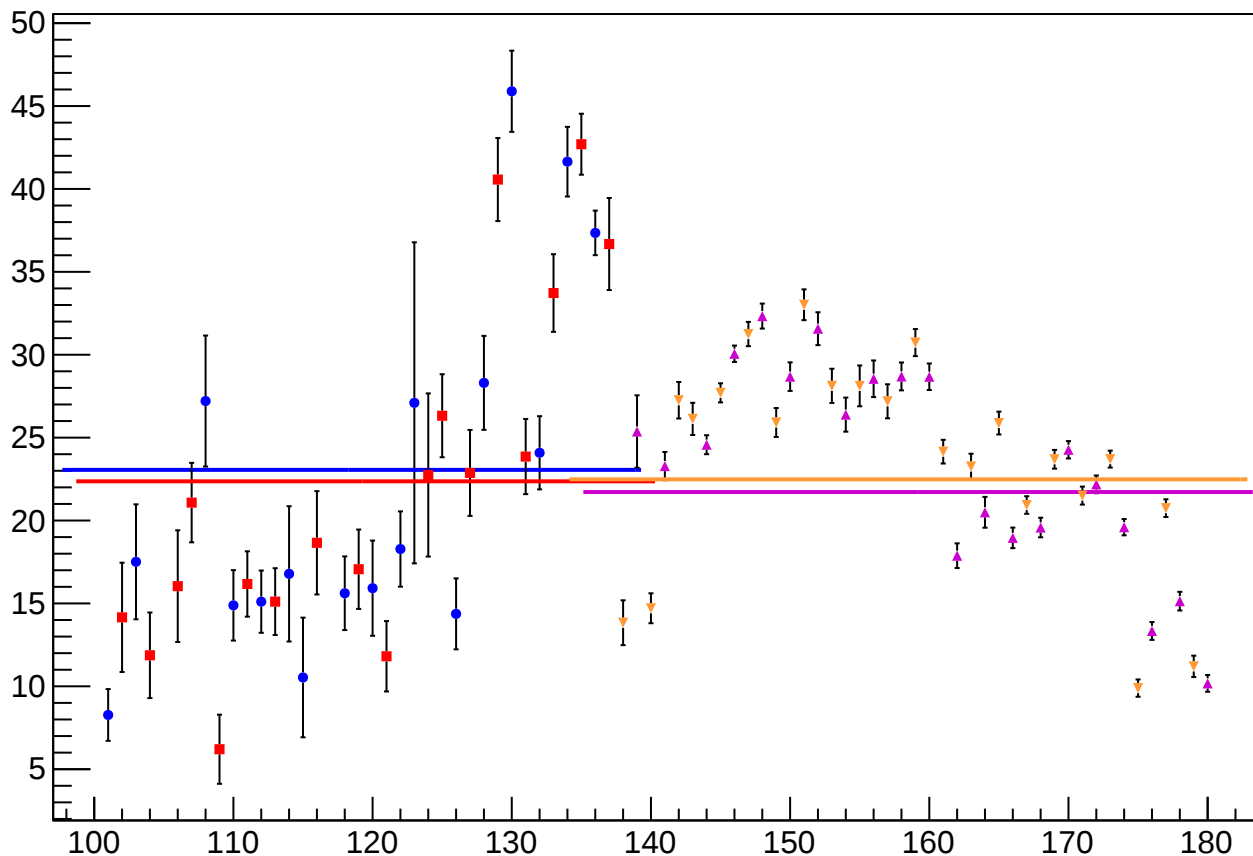
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -48.672 ± 0.161 χ^2/NDF : 14635.9/37

Out: -52.687 ± 0.170 χ^2/NDF : 12202.7/39

All: -50.563 ± 0.117 χ^2/NDF : 27132.3/77

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: 22.485 $\pm$ 0.150 χ^2 /NDF:1643.9/21

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 21.719 $\pm$ 0.145 χ^2 /NDF:1887.4/20

Left: 22.087 $\pm$ 0.104 χ^2 /NDF: 3544.8/42

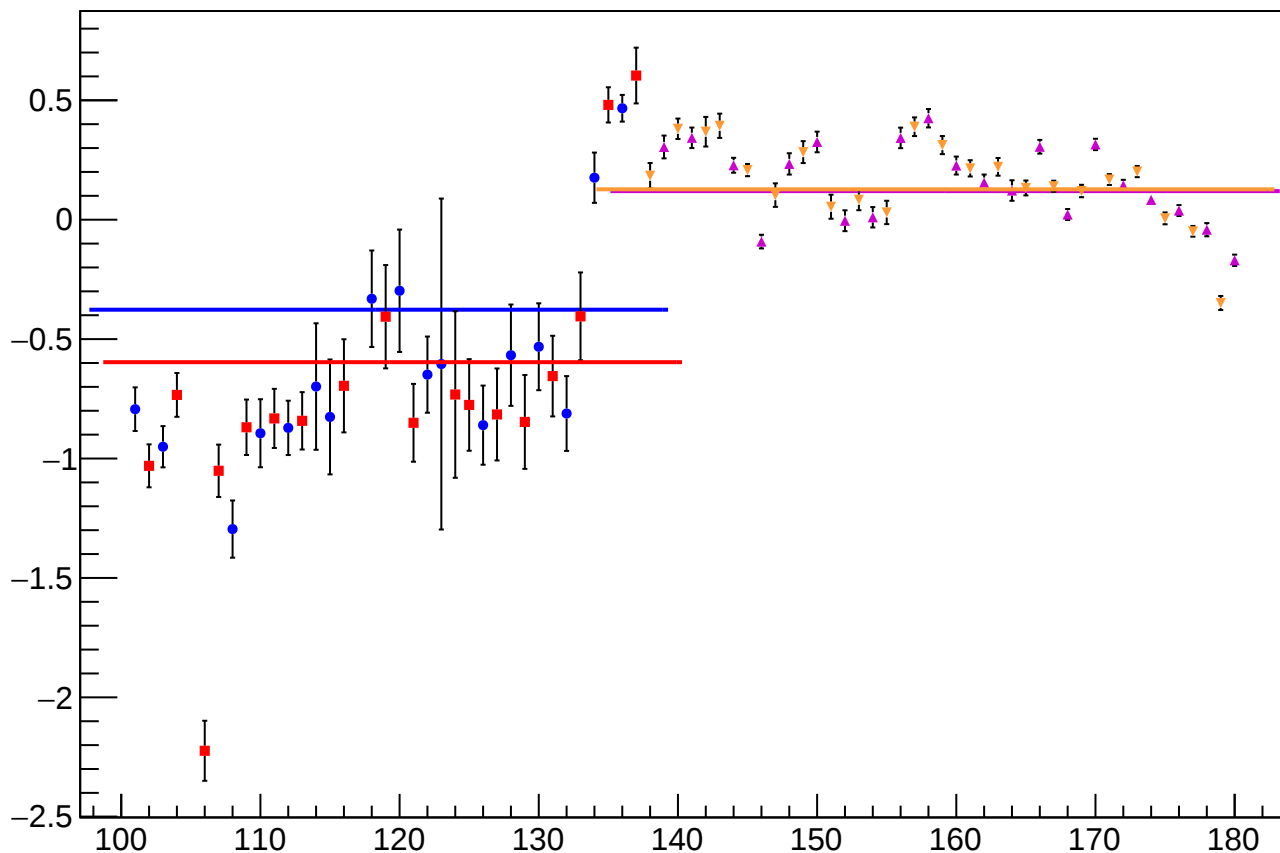
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 21.803 $\pm$ 0.140 χ^2 /NDF:2353.9/37

Out: 22.478 $\pm$ 0.145 χ^2 /NDF:2012.7/39

All: 22.128 $\pm$ 0.101 χ^2 /NDF: 4377.8/77

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 $\pm$ 0.030 χ^2/NDF : 437.4/16

Left Out: 0.127 $\pm$ 0.007 χ^2/NDF : 550.2/21

Right Out: -0.597 $\pm$ 0.030 χ^2/NDF : 551.3/17

Left In: 0.120 $\pm$ 0.007 χ^2/NDF : 577.7/20

Left: 0.123 $\pm$ 0.005 χ^2/NDF : 1128.6/42

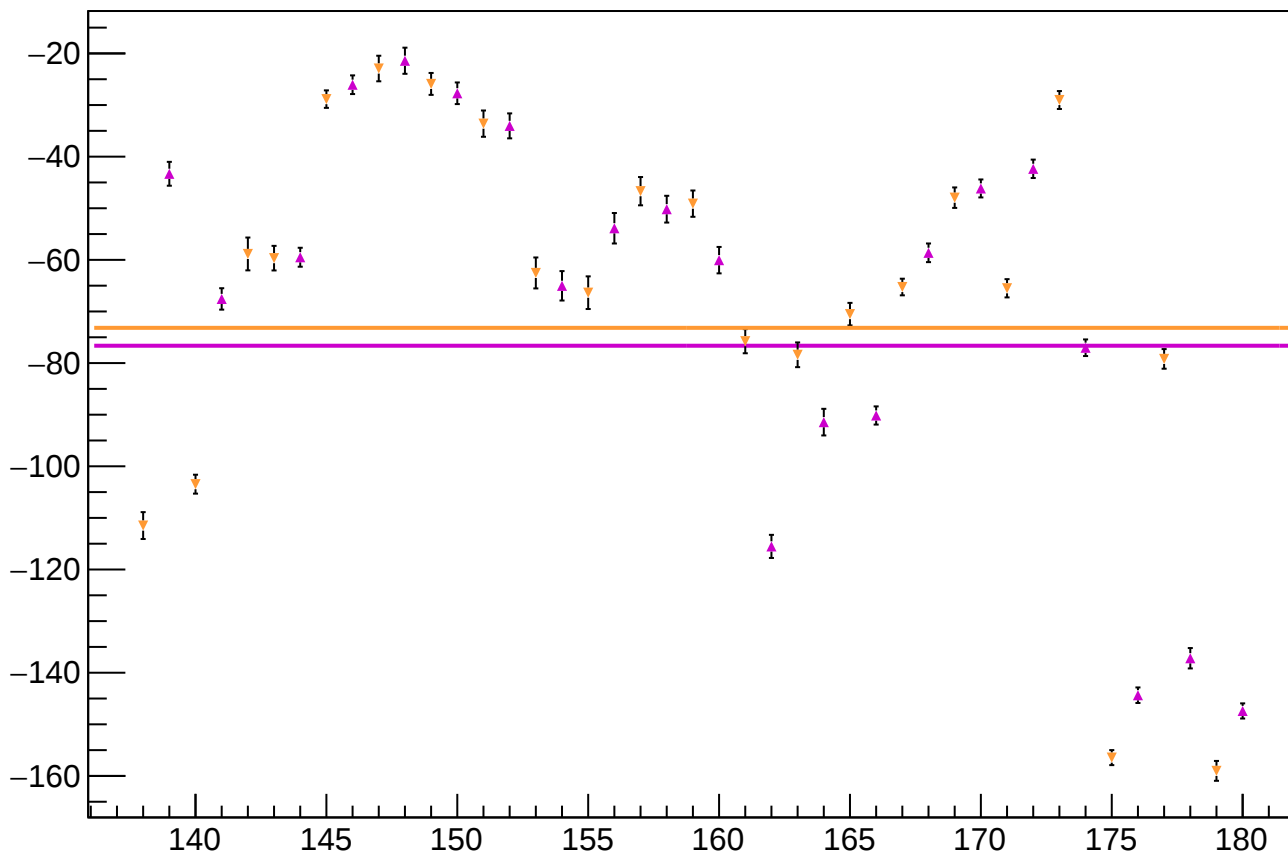
Right: -0.486 $\pm$ 0.021 χ^2/NDF : 1015.2/34

In: 0.097 $\pm$ 0.006 χ^2/NDF : 1274.6/37

Out: 0.092 $\pm$ 0.007 χ^2/NDF : 1646.0/39

All: 0.094 $\pm$ 0.005 χ^2/NDF : 2920.9/77

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



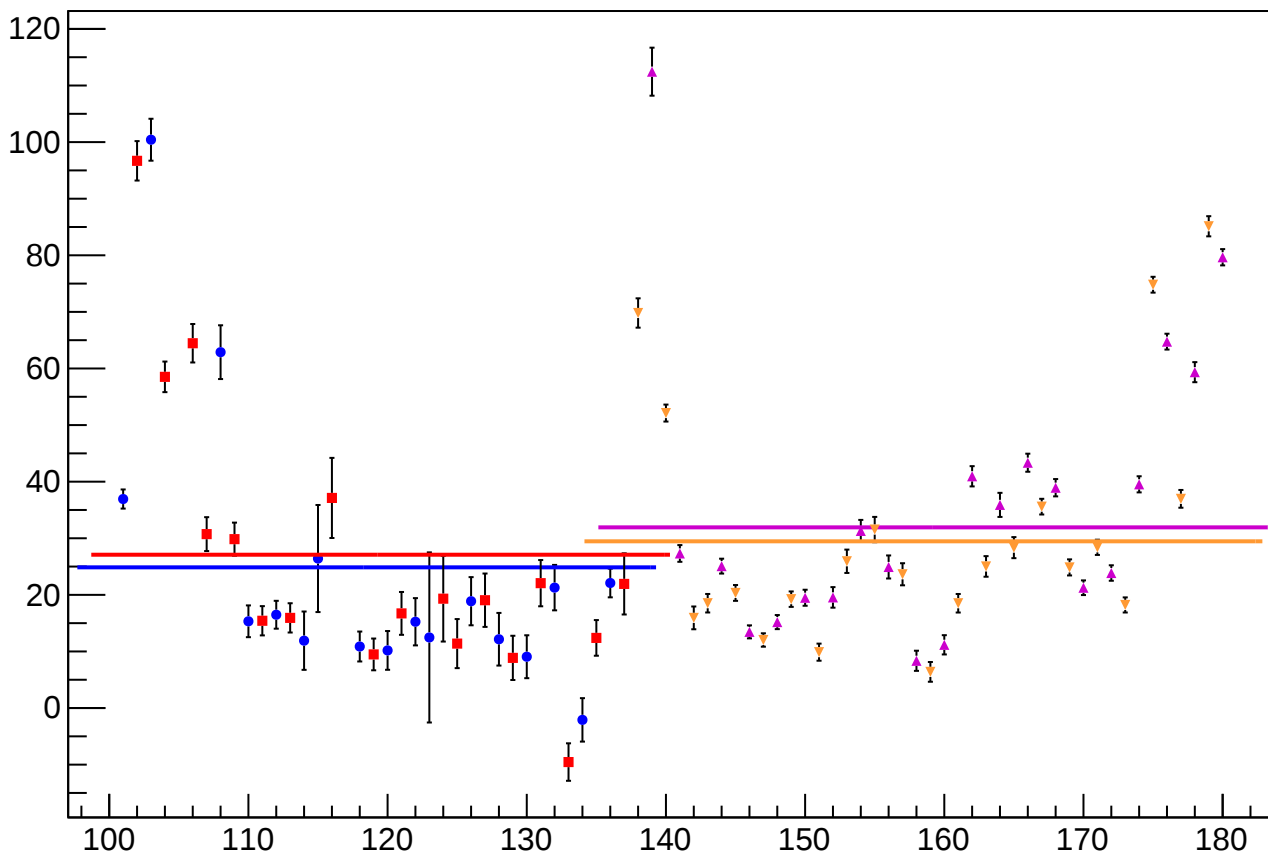
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -73.171+/-0.448 χ^2/NDF : 8705.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -76.638+/-0.435 χ^2/NDF : 9106.0/20

Left: -74.956+/-0.312 χ^2/NDF : 17841.9/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.638+/-0.435 χ^2/NDF : 9106.0/20
 Out: -73.171+/-0.448 χ^2/NDF : 8705.0/21

All: -74.956+/-0.312 χ^2/NDF : 17841.9/42

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 29.461 ± 0.338 χ^2/NDF : 3434.7/21

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 31.927 ± 0.338 χ^2/NDF : 3416.6/20

Left: 30.693 ± 0.239 χ^2/NDF : 6877.9/42

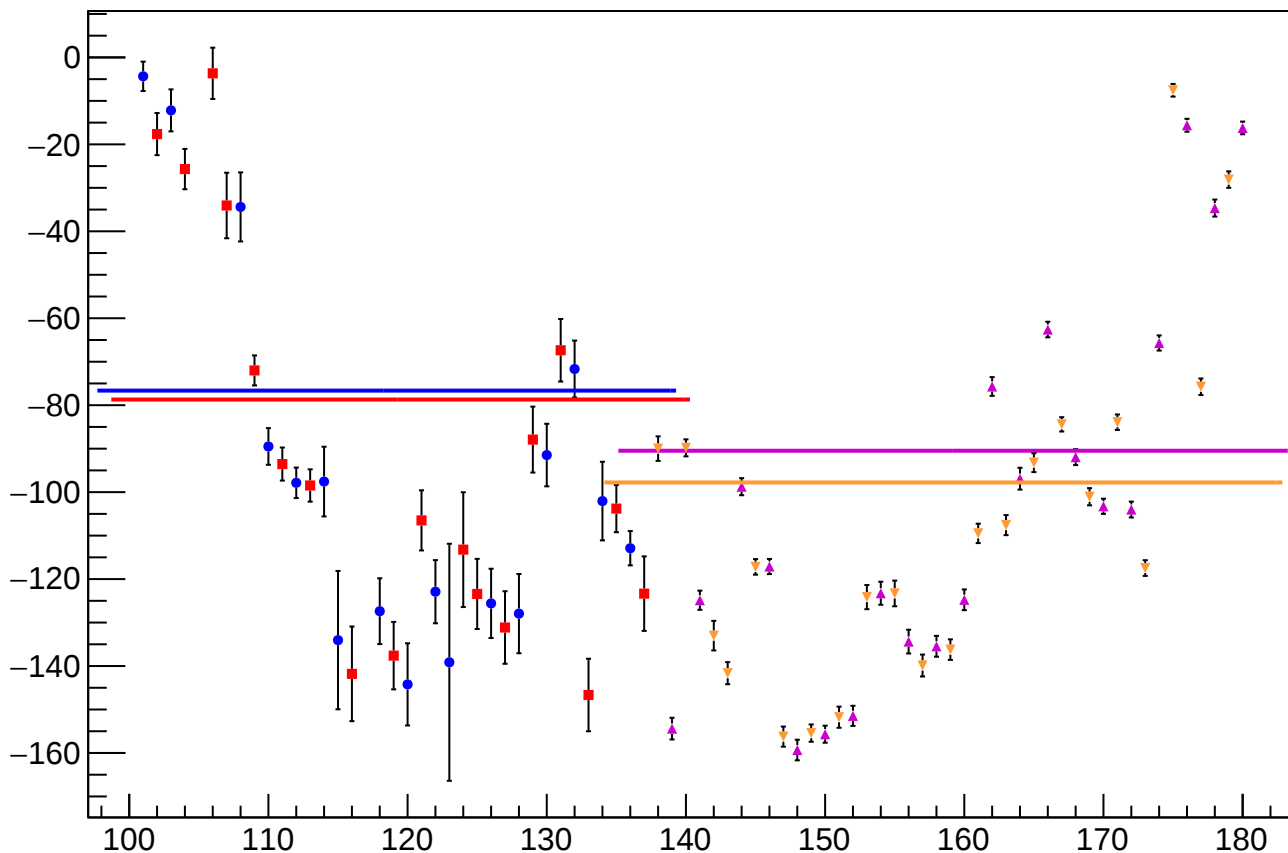
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 30.861 ± 0.312 χ^2/NDF : 4173.5/37

Out: 29.112 ± 0.312 χ^2/NDF : 4372.8/39

All: 29.987 ± 0.220 χ^2/NDF : 8562.1/77

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -97.774 ± 0.447 χ^2/NDF : 8853.2/21

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -90.476 ± 0.433 χ^2/NDF : 11290.7/20

Left: -94.011 ± 0.311 χ^2/NDF : 20281.3/42

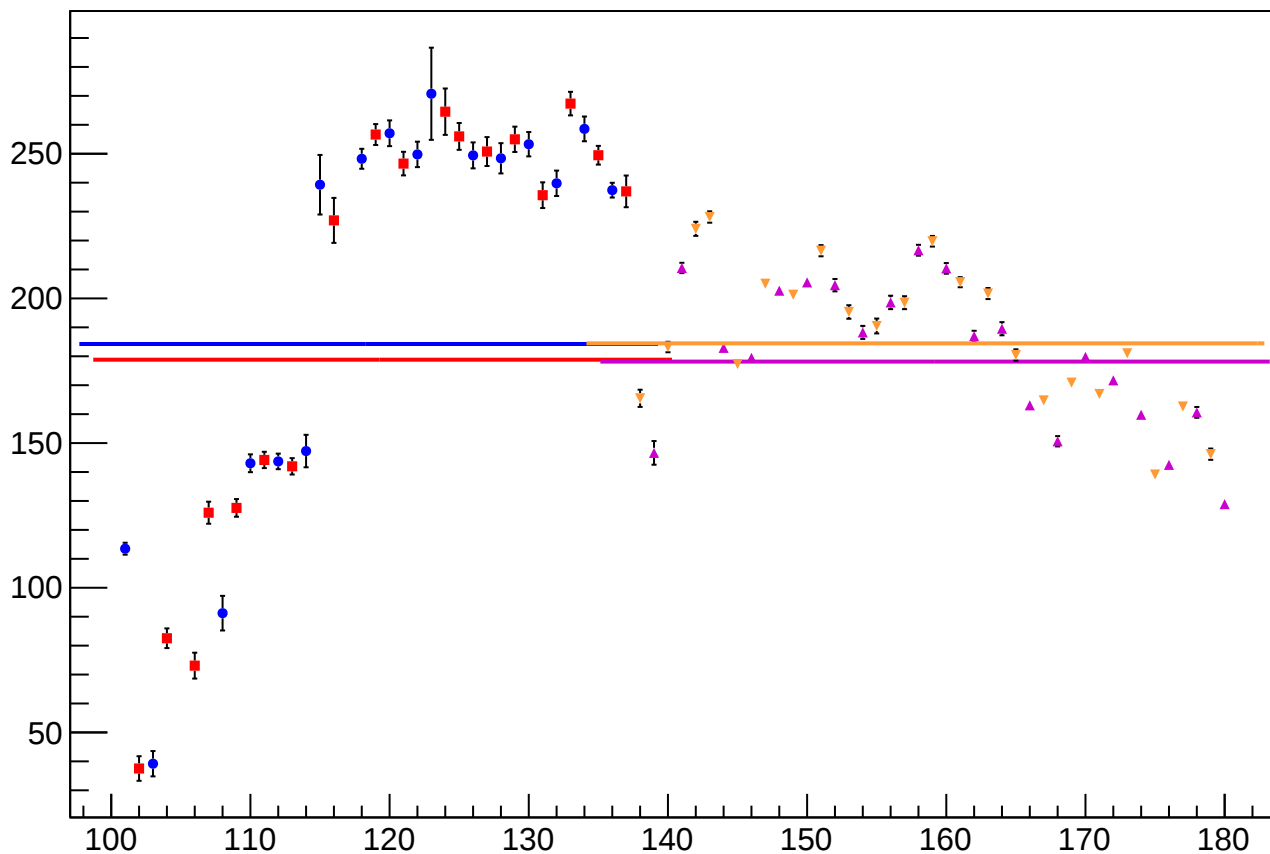
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -89.289 ± 0.414 χ^2/NDF : 12418.8/37

Out: -95.913 ± 0.425 χ^2/NDF : 9867.3/39

All: -92.519 ± 0.297 χ^2/NDF : 22410.8/77

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 184.464 $\pm$ 0.384 χ^2 /NDF: 3909.1/21

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 178.162 $\pm$ 0.382 χ^2 /NDF: 4076.9/20

Left: 181.294 $\pm$ 0.271 χ^2 /NDF: 8121.2/42

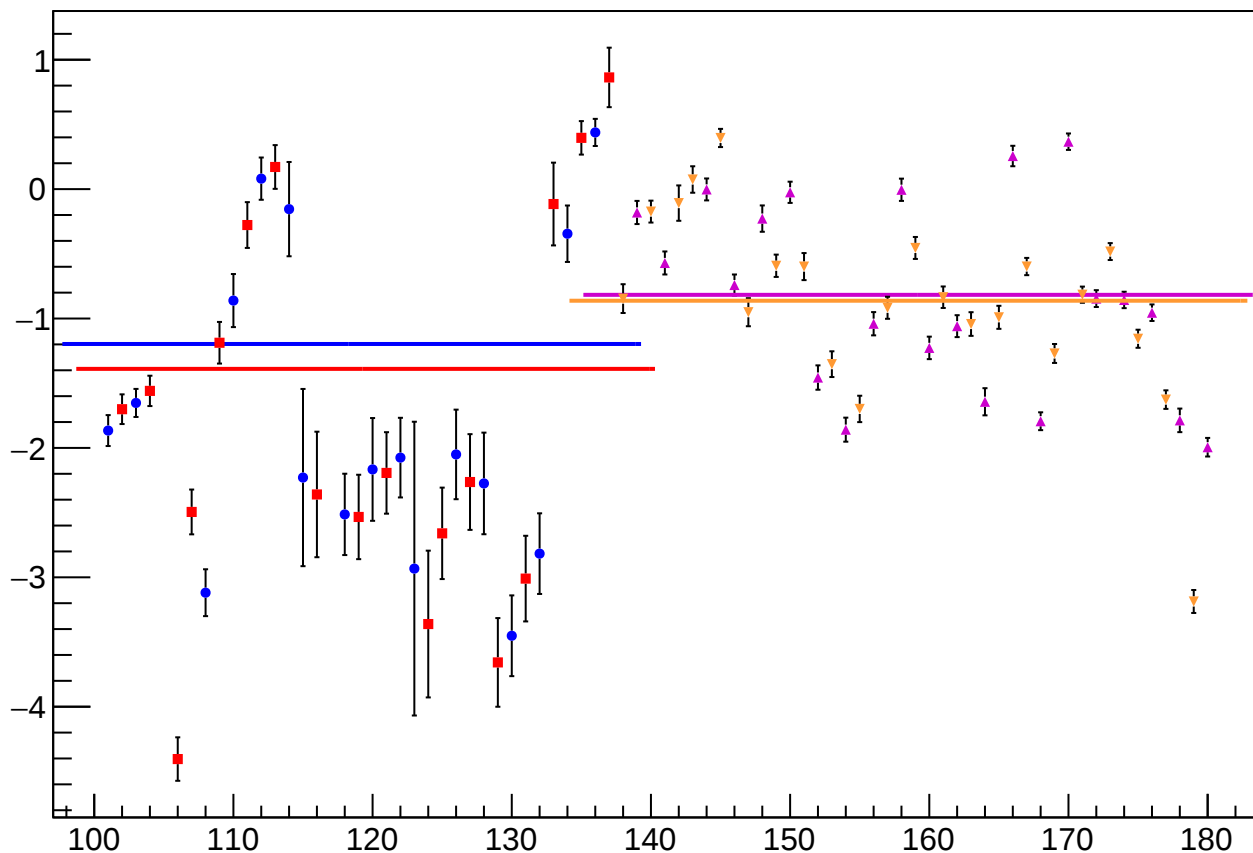
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 179.065 $\pm$ 0.353 χ^2 /NDF: 9503.2/37

Out: 183.635 $\pm$ 0.355 χ^2 /NDF: 10111.7/39

All: 181.334 $\pm$ 0.250 χ^2 /NDF: 19698.3/77

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.862 $\pm$ 0.018 χ^2/NDF :1537.0/21

Right Out: -1.389 $\pm$ 0.046 χ^2/NDF : 922.2/17

Left In: -0.817 $\pm$ 0.017 χ^2/NDF :1757.3/20

Left: -0.839 $\pm$ 0.012 χ^2/NDF : 3297.7/42

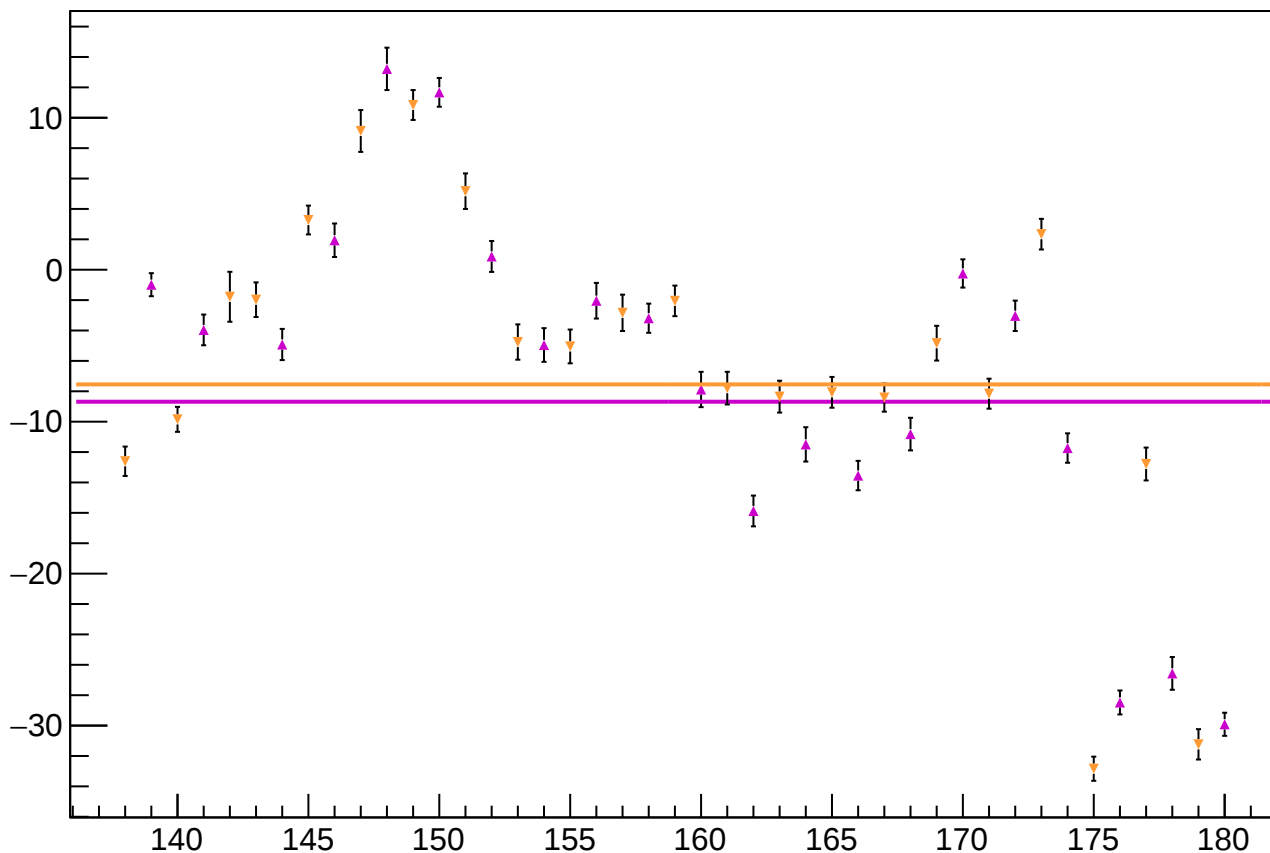
Right: -1.297 $\pm$ 0.033 χ^2/NDF : 1552.0/34

In: -0.861 $\pm$ 0.016 χ^2/NDF :2433.9/37

Out: -0.931 $\pm$ 0.017 χ^2/NDF :2573.0/39

All: -0.895 $\pm$ 0.012 χ^2/NDF : 5015.8/77

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -7.548 $\pm$ 0.221 χ^2/NDF :2573.6/21

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -8.687 $\pm$ 0.215 χ^2/NDF :2997.6/20

Left: -8.132 $\pm$ 0.154 χ^2/NDF : 5584.8/42

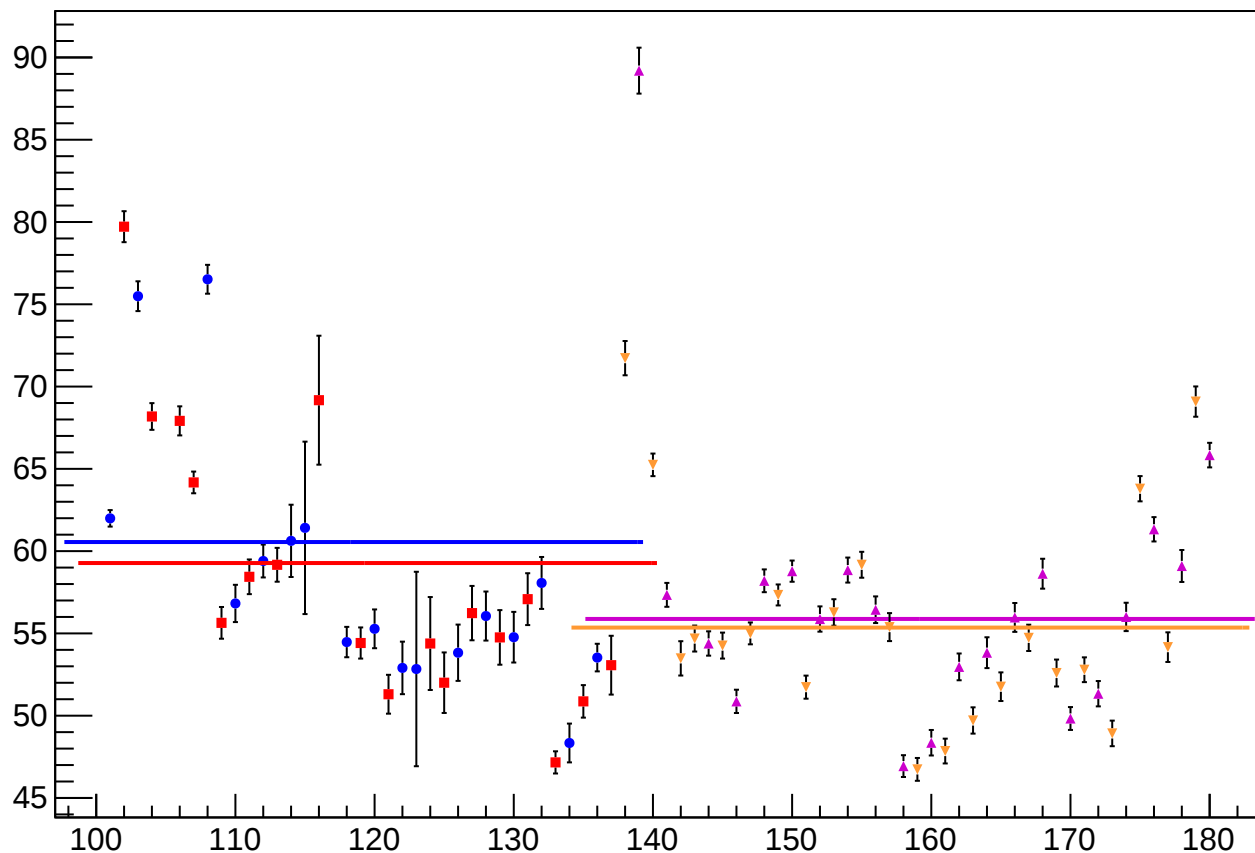
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -8.687 $\pm$ 0.215 χ^2/NDF :2997.6/20

Out: -7.548 $\pm$ 0.221 χ^2/NDF :2573.6/21

All: -8.132 $\pm$ 0.154 χ^2/NDF : 5584.8/42

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 χ^2/NDF : 931.0/16

Left Out: 55.354 ± 0.167 χ^2/NDF : 1279.9/21

Right Out: 59.276 ± 0.249 χ^2/NDF : 1274.8/17

Left In: 55.879 ± 0.170 χ^2/NDF : 1331.7/20

Left: 55.612 ± 0.119 χ^2/NDF : 2616.4/42

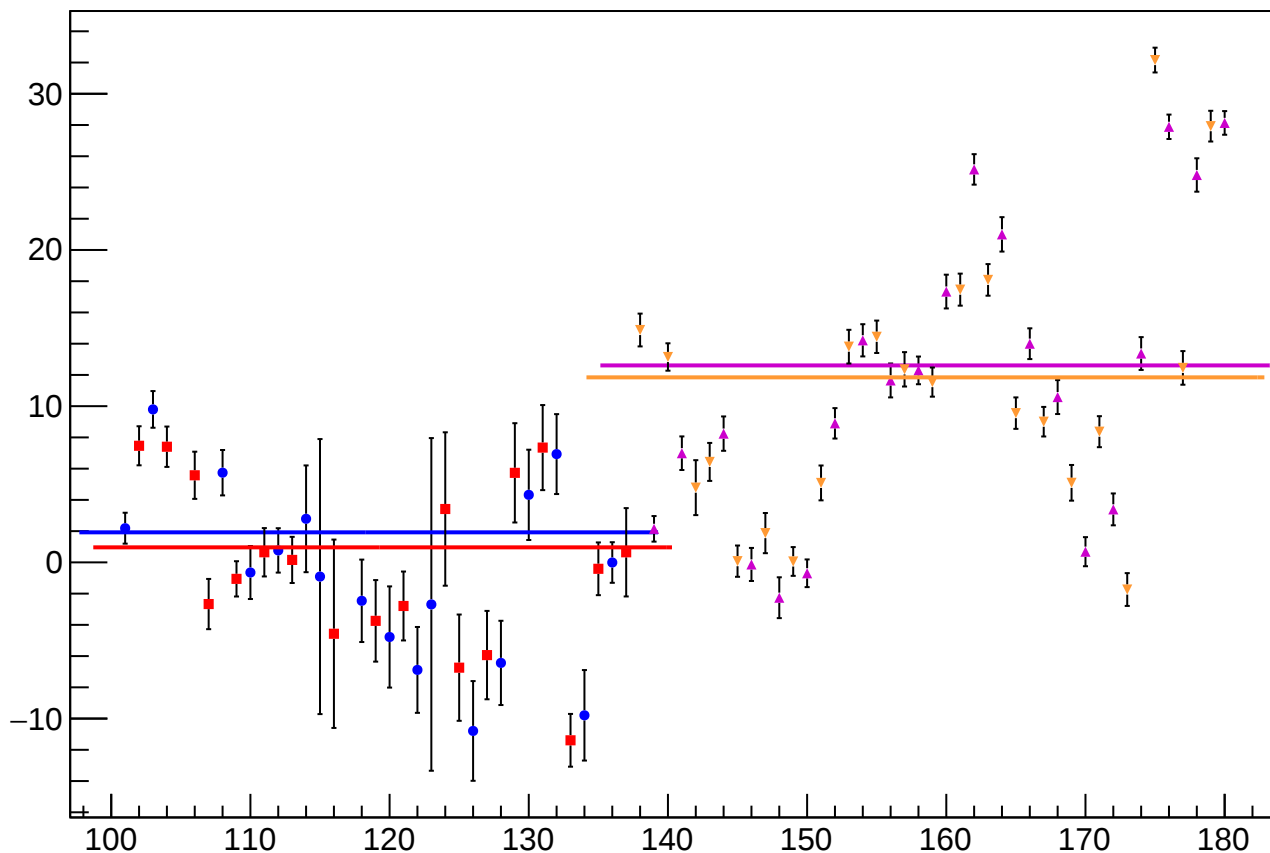
Right: 59.882 ± 0.180 χ^2/NDF : 2218.3/34

In: 57.266 ± 0.143 χ^2/NDF : 2486.7/37

Out: 56.573 ± 0.139 χ^2/NDF : 2725.9/39

All: 56.910 ± 0.099 χ^2/NDF : 5224.8/77

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 11.844 ± 0.219 χ^2/NDF : 1674.9/21

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 12.609 ± 0.214 χ^2/NDF : 2151.3/20

Left: 12.237 ± 0.153 χ^2/NDF : 3832.4/42

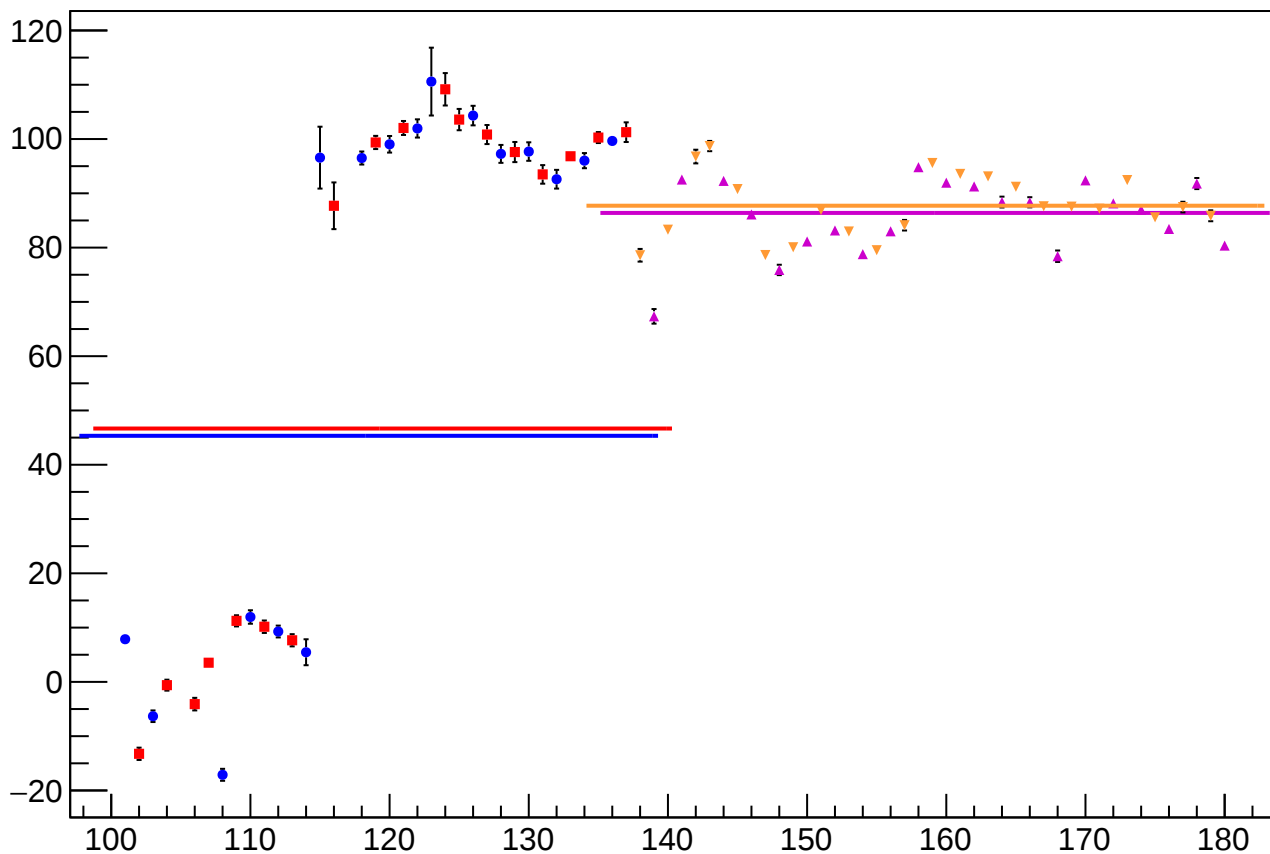
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 10.703 ± 0.194 χ^2/NDF : 2719.2/37

Out: 9.593 ± 0.195 χ^2/NDF : 2333.7/39

All: 10.154 ± 0.138 χ^2/NDF : 5069.2/77

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: 87.717 $\pm$ 0.190 χ^2 /NDF:880.3/21

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.388 $\pm$ 0.191 χ^2 /NDF:1023.2/20

Left: 87.056 $\pm$ 0.134 χ^2 /NDF: 1928.0/42

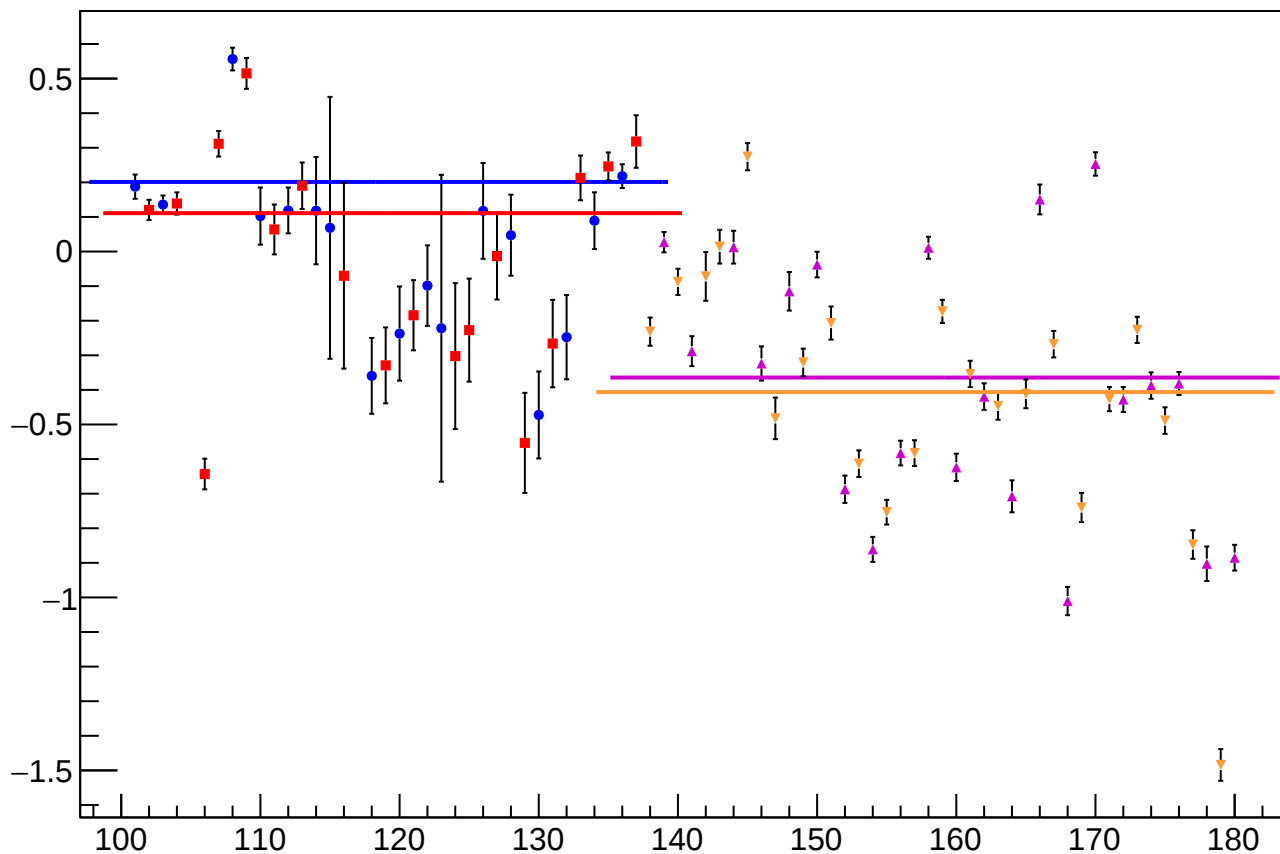
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 74.772 $\pm$ 0.161 χ^2 /NDF:39144.6/37

Out: 75.469 $\pm$ 0.159 χ^2 /NDF:42756.9/39

All: 75.126 $\pm$ 0.113 χ^2 /NDF: 81911.0/77

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.406 ± 0.009 χ^2/NDF : 1477.9/21

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.364 ± 0.008 χ^2/NDF : 1915.1/20

Left: -0.385 ± 0.006 χ^2/NDF : 3405.1/42

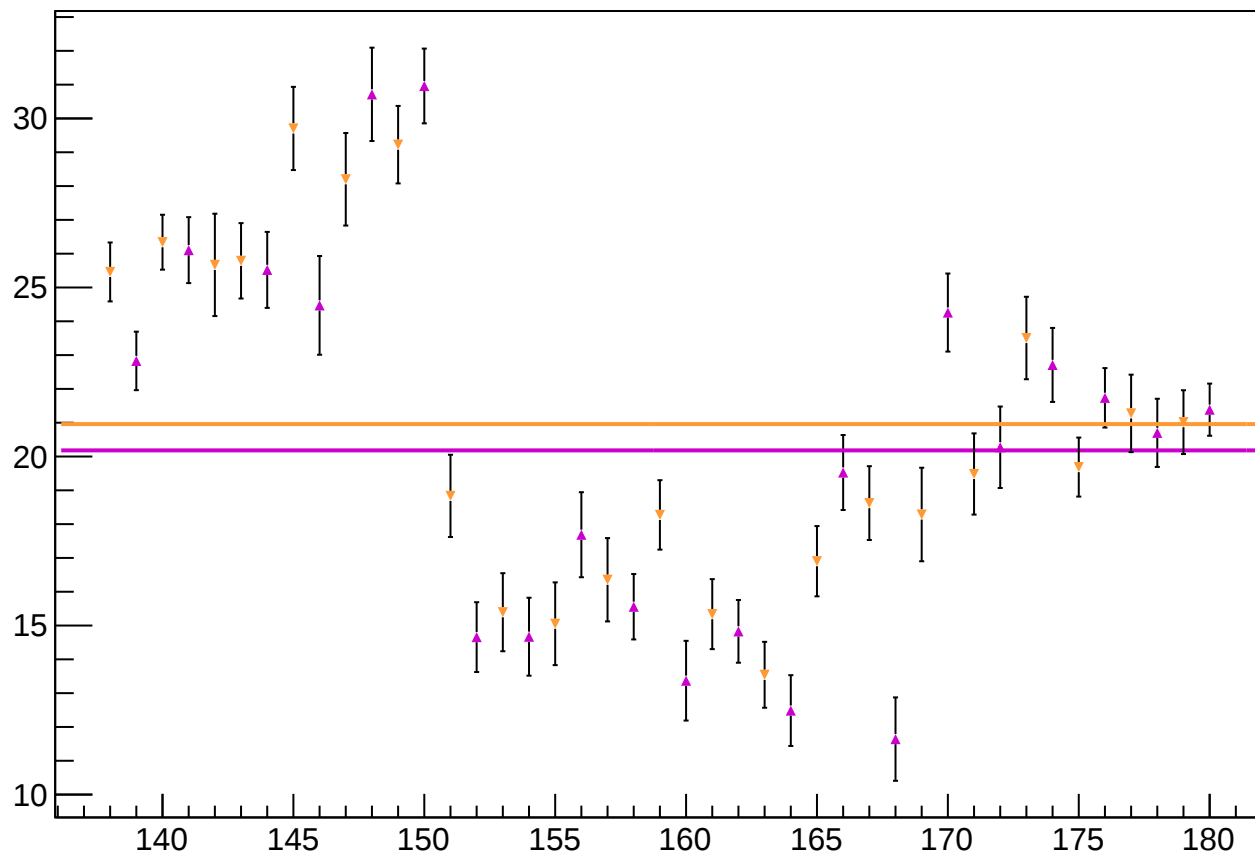
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.214 ± 0.007 χ^2/NDF : 3324.5/37

Out: -0.251 ± 0.007 χ^2/NDF : 3045.7/39

All: -0.232 ± 0.005 χ^2/NDF : 6382.7/77

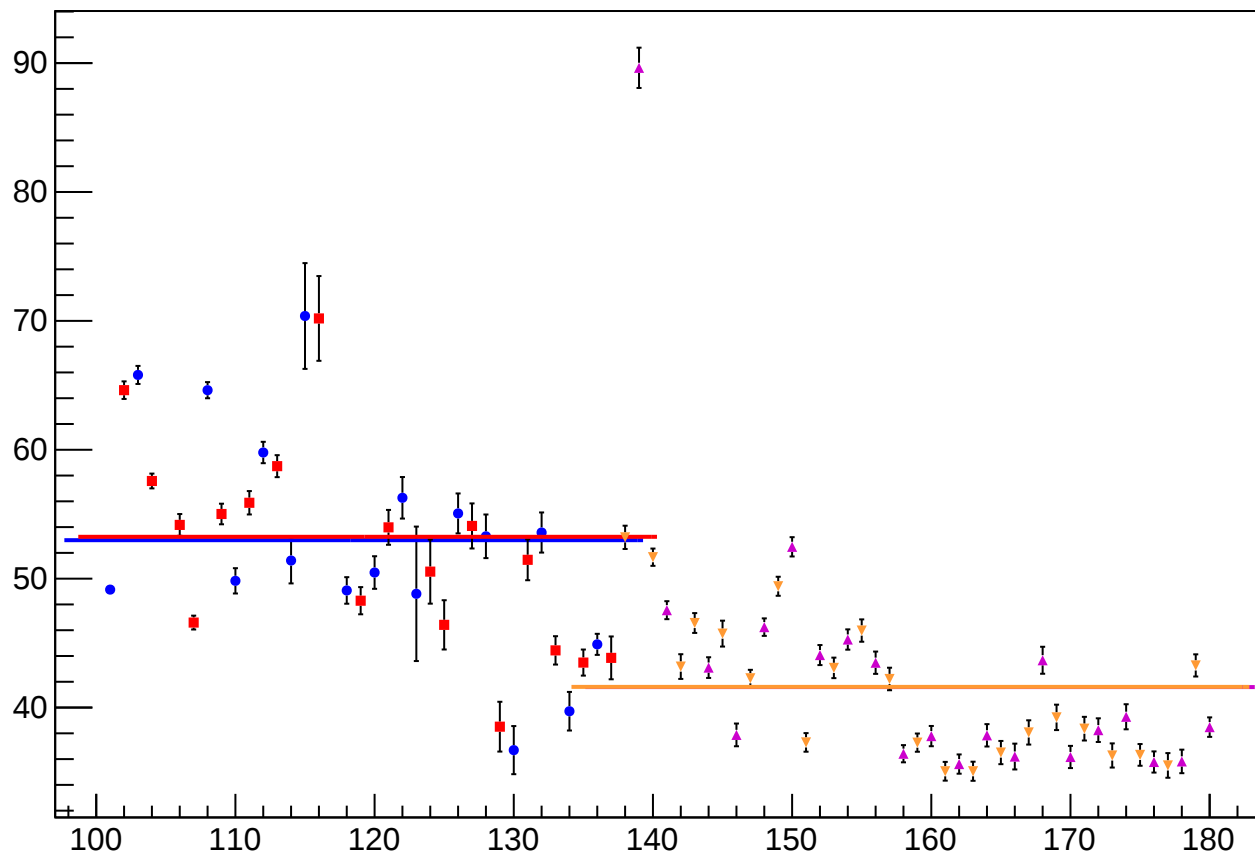
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.959+/-0.232 χ^2/NDF :418.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.181+/-0.230 χ^2/NDF :501.5/20

Left: 20.567+/-0.163 χ^2/NDF : 926.1/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.181+/-0.230 χ^2/NDF :501.5/20
 Out: 20.959+/-0.232 χ^2/NDF :418.8/21
 All: 20.567+/-0.163 χ^2/NDF : 926.1/42

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: 41.603 $\pm$ 0.175 χ^2 /NDF:1006.0/21

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.589 $\pm$ 0.180 χ^2 /NDF:1698.6/20

Left: 41.596 $\pm$ 0.125 χ^2 /NDF: 2704.7/42

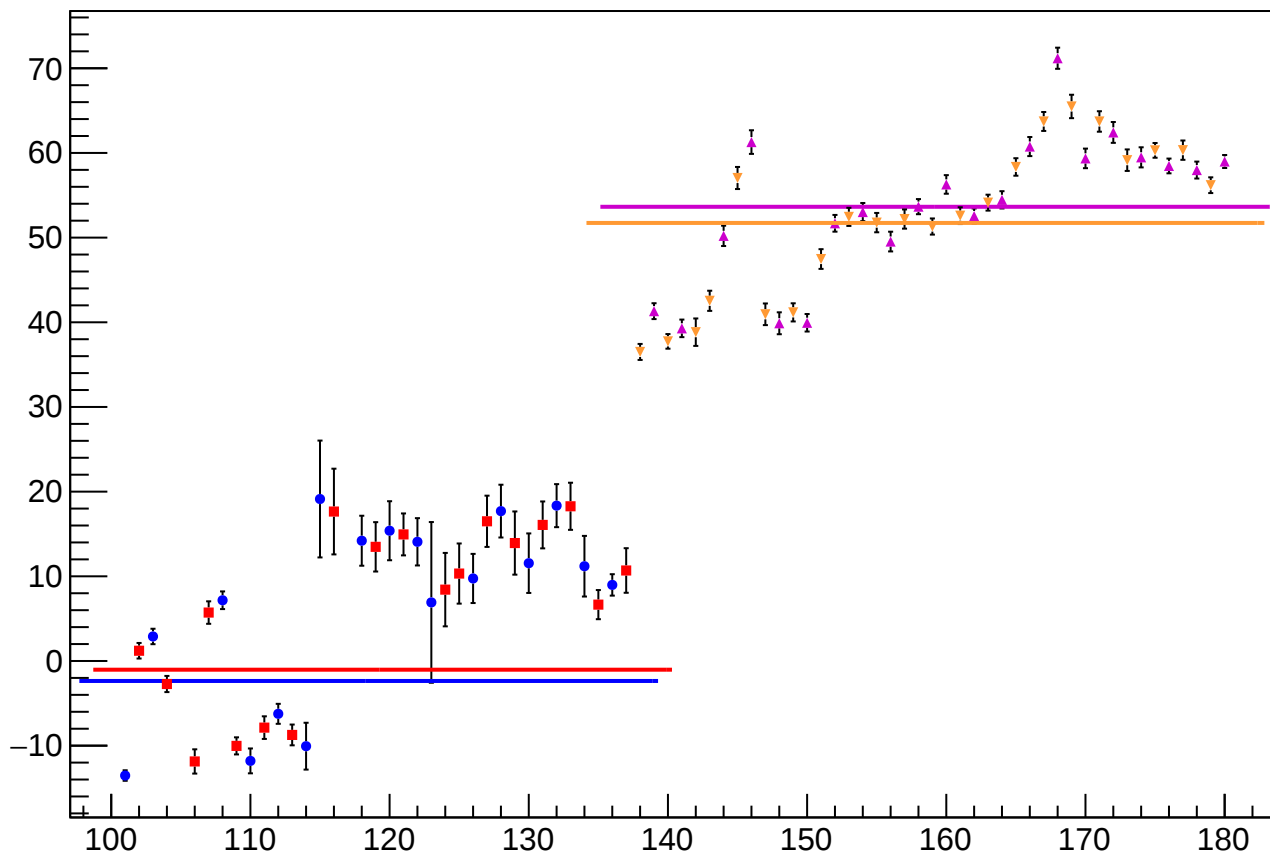
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.415 $\pm$ 0.137 χ^2 /NDF:4589.3/37

Out: 45.923 $\pm$ 0.138 χ^2 /NDF:3512.3/39

All: 46.172 $\pm$ 0.097 χ^2 /NDF: 8108.0/77

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 51.733 ± 0.230 $\chi^2/\text{NDF}: 1414.9/21$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 53.641 ± 0.228 $\chi^2/\text{NDF}: 1150.9/20$

Left: 52.699 ± 0.162 $\chi^2/\text{NDF}: 2600.4/42$

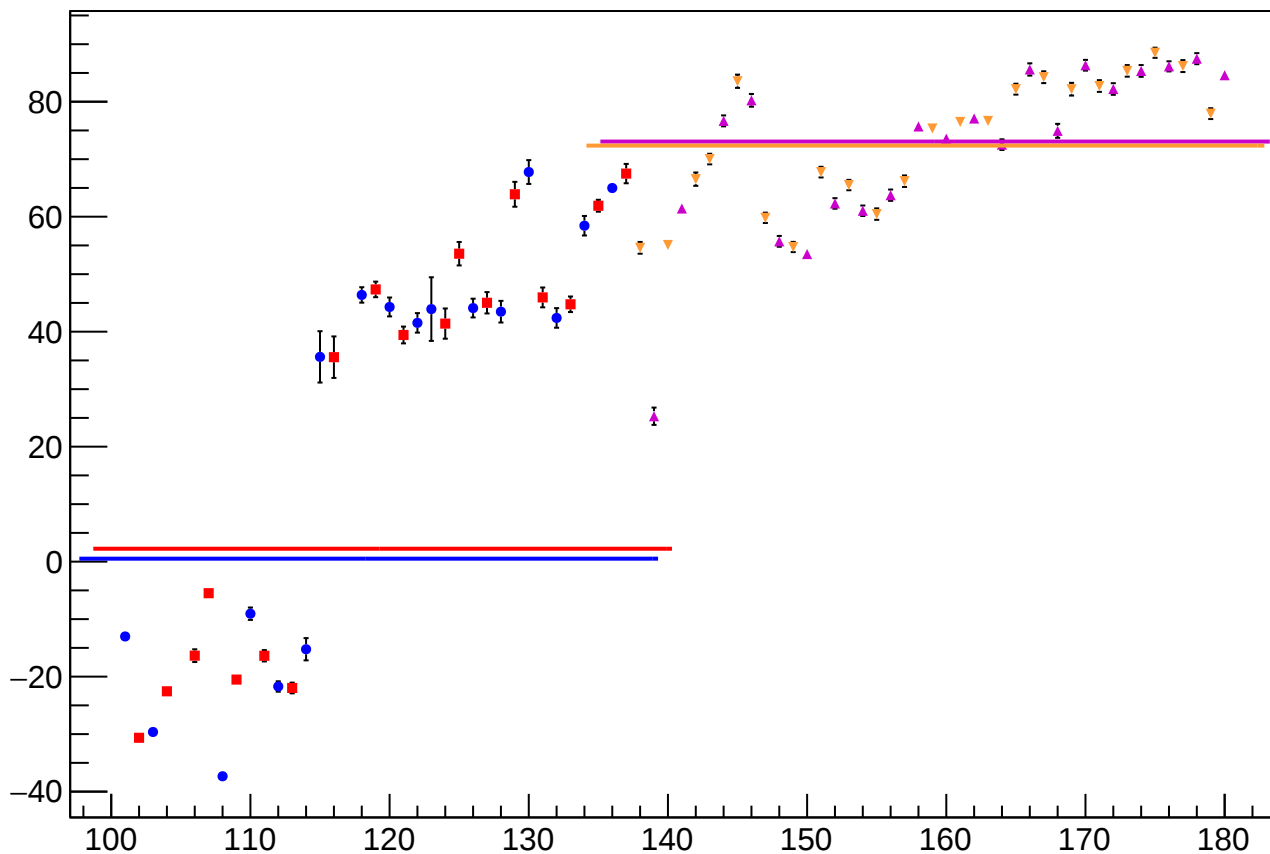
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 37.905 ± 0.193 $\chi^2/\text{NDF}: 18994.7/37$

Out: 37.562 ± 0.197 $\chi^2/\text{NDF}: 16004.0/39$

All: 37.737 ± 0.138 $\chi^2/\text{NDF}: 35000.3/77$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 72.364 ± 0.199 χ^2/NDF : 2945.5/21

Right Out: 2.246 ± 0.267 χ^2/NDF : 15377.0/17

Left In: 73.067 ± 0.202 χ^2/NDF : 3765.8/20

Left: 72.709 ± 0.142 χ^2/NDF : 6717.4/42

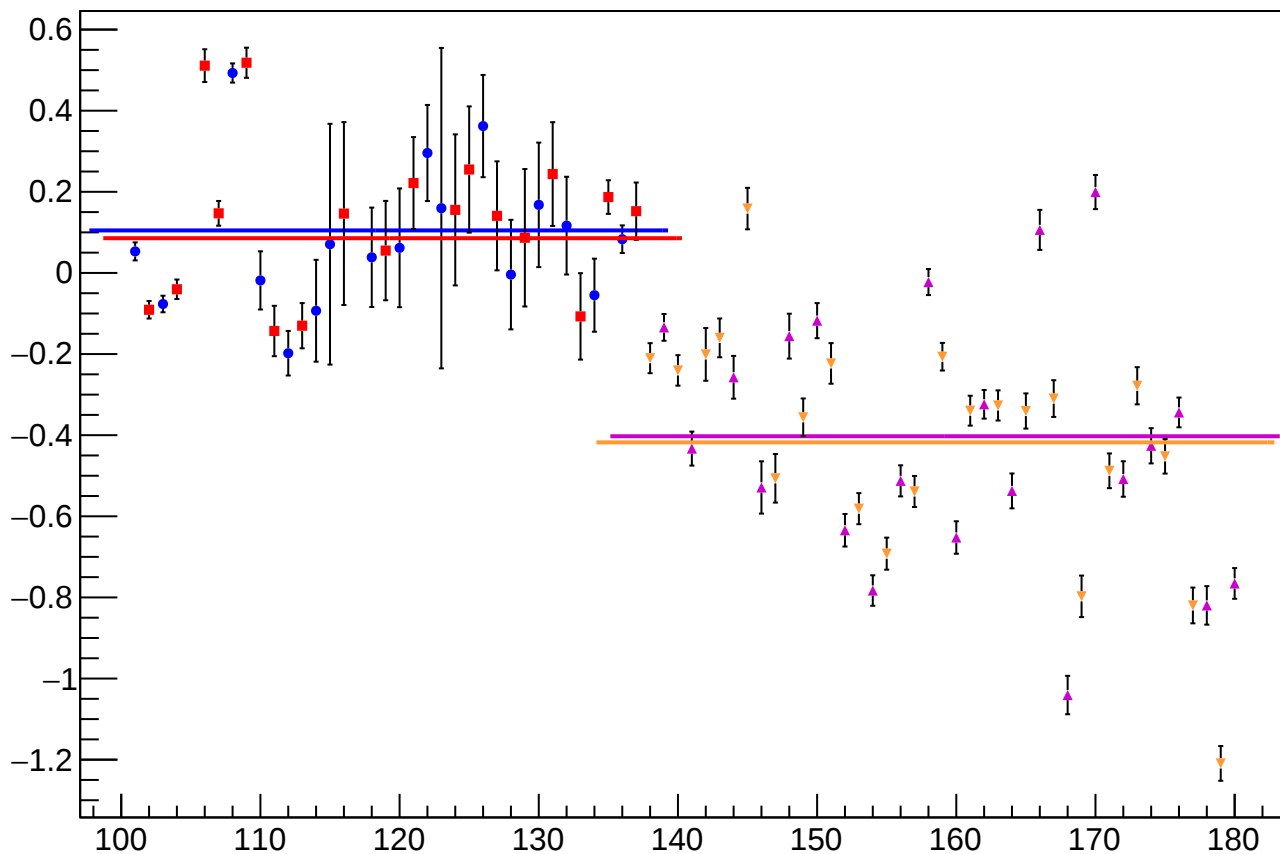
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 43.929 ± 0.156 χ^2/NDF : 73804.1/37

Out: 47.415 ± 0.160 χ^2/NDF : 62615.4/39

All: 45.639 ± 0.112 χ^2/NDF : 136663.0/77

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: -0.418 ± 0.009 $\chi^2/\text{NDF}: 865.9/21$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.403 ± 0.009 $\chi^2/\text{NDF}: 1149.1/20$

Left: -0.410 ± 0.006 $\chi^2/\text{NDF}: 2016.4/42$

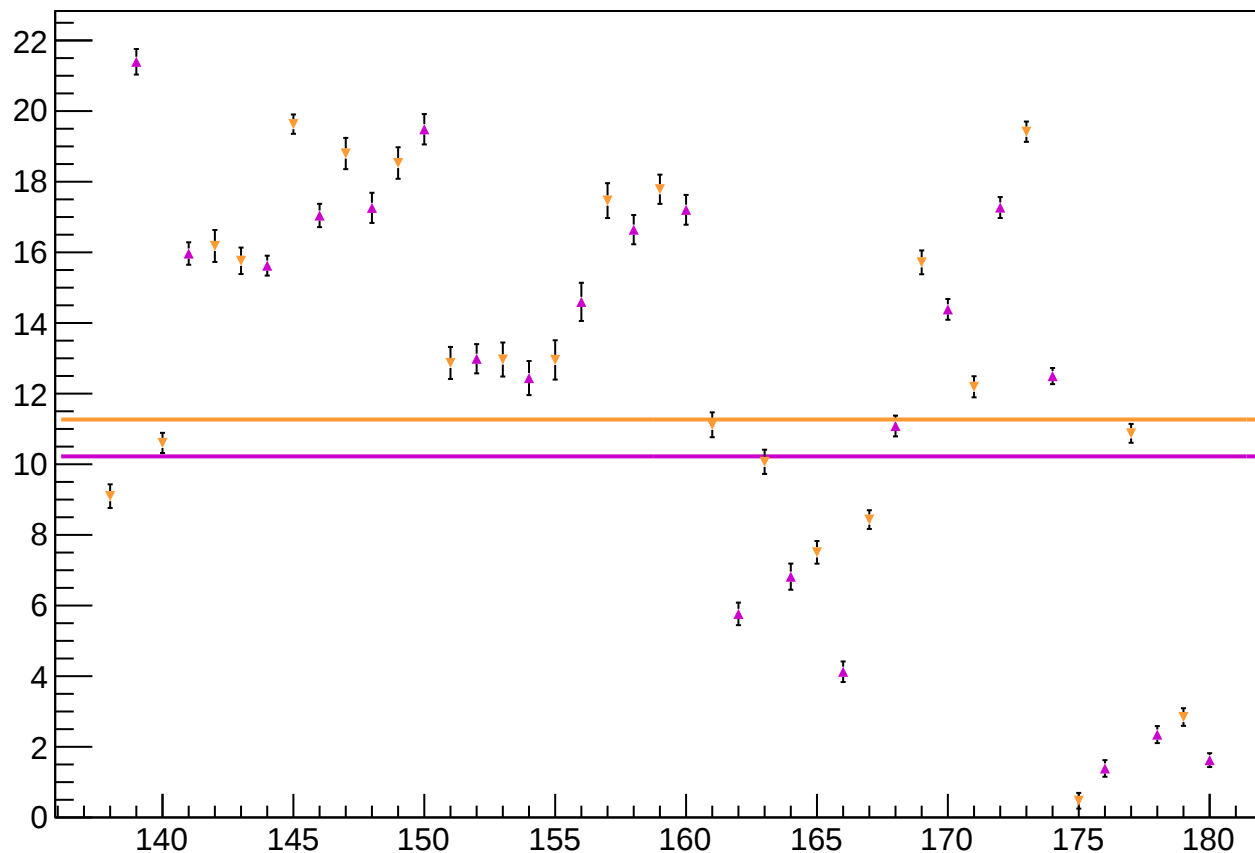
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.199 ± 0.007 $\chi^2/\text{NDF}: 2816.0/37$

Out: -0.214 ± 0.007 $\chi^2/\text{NDF}: 2482.9/39$

All: -0.207 ± 0.005 $\chi^2/\text{NDF}: 5301.2/77$

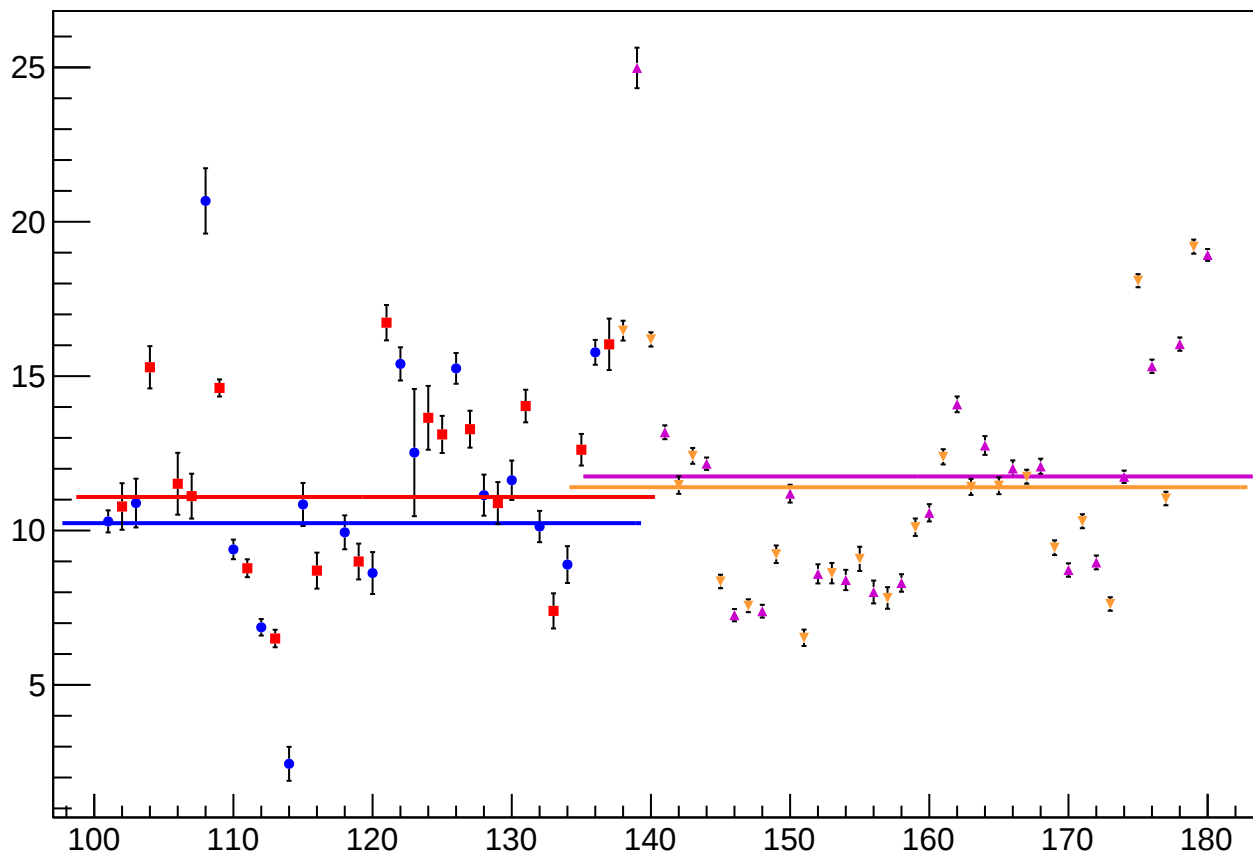
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



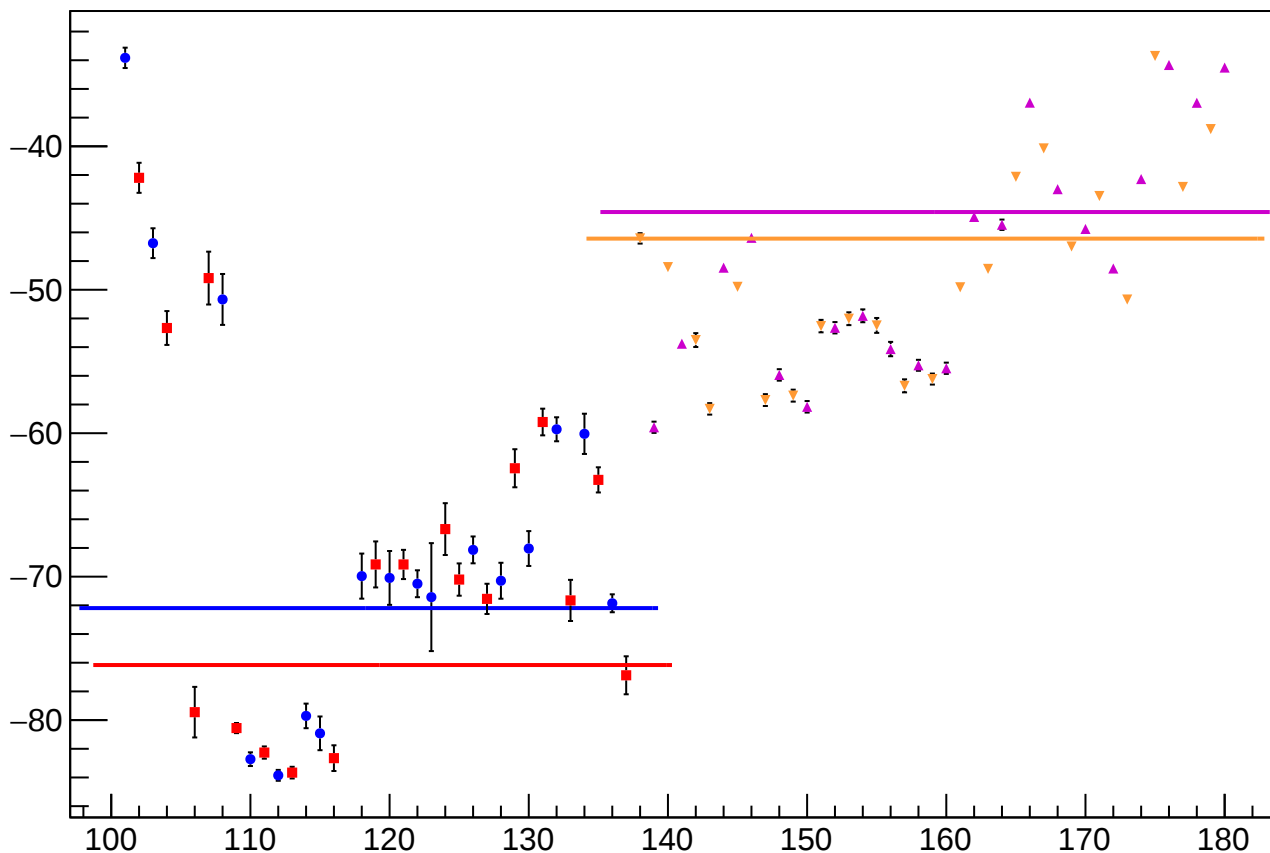
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 11.267+/-0.070 χ^2/NDF : 6980.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 10.223+/-0.068 χ^2/NDF : 9451.5/20

Left: 10.724+/-0.049 χ^2/NDF : 16546.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 10.223+/-0.068 χ^2/NDF : 9451.5/20
 Out: 11.267+/-0.070 χ^2/NDF : 6980.8/21
 All: 10.724+/-0.049 χ^2/NDF : 16546.8/42

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -46.435 ± 0.071 $\chi^2/\text{NDF}: 9917.9/21$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -44.582 ± 0.068 $\chi^2/\text{NDF}: 13521.3/20$

Left: -45.468 ± 0.049 $\chi^2/\text{NDF}: 23799.4/42$

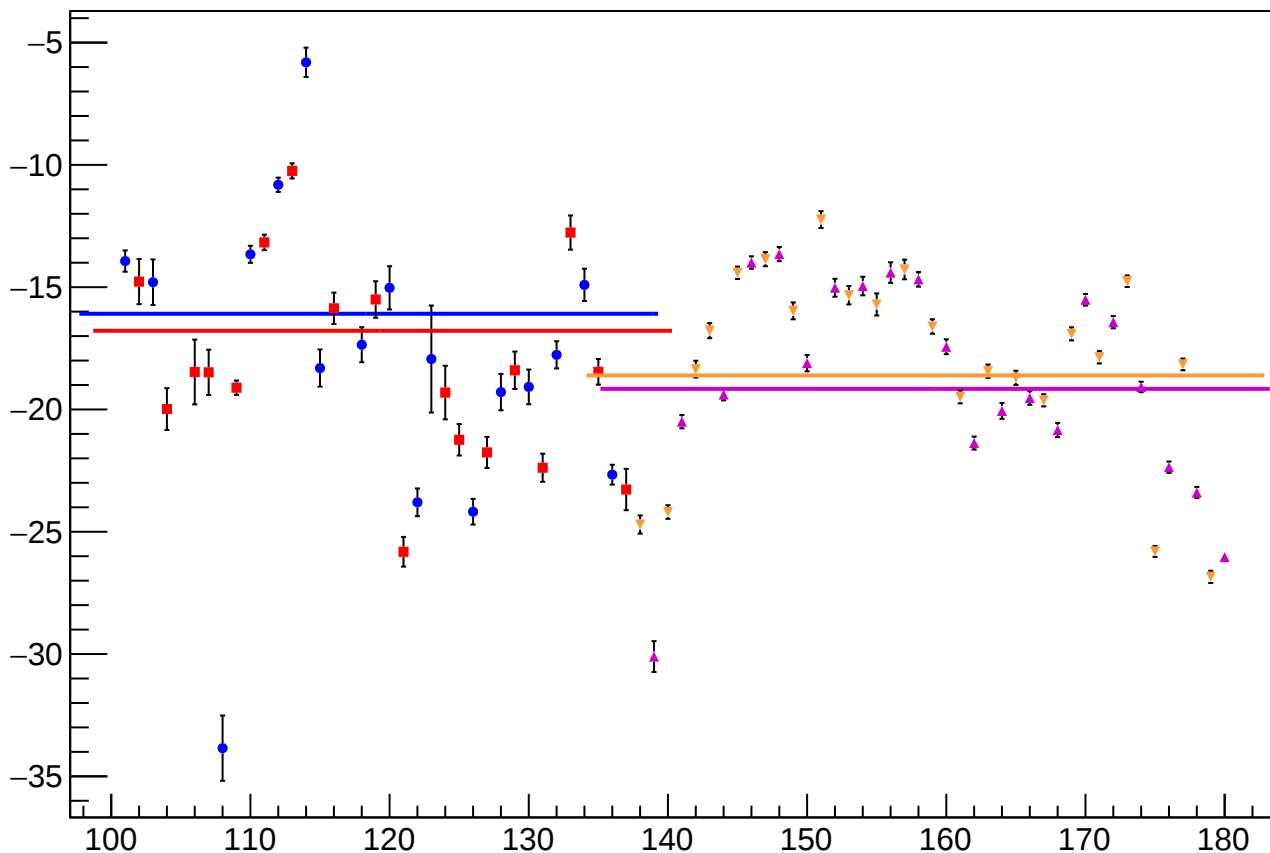
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -47.457 ± 0.064 $\chi^2/\text{NDF}: 36480.6/37$

Out: -50.344 ± 0.066 $\chi^2/\text{NDF}: 36507.2/39$

All: -48.861 ± 0.046 $\chi^2/\text{NDF}: 73978.8/77$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -18.609 ± 0.061 χ^2/NDF : 4390.5/21

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -19.157 ± 0.060 χ^2/NDF : 3885.1/20

Left: -18.887 ± 0.043 χ^2/NDF : 8316.9/42

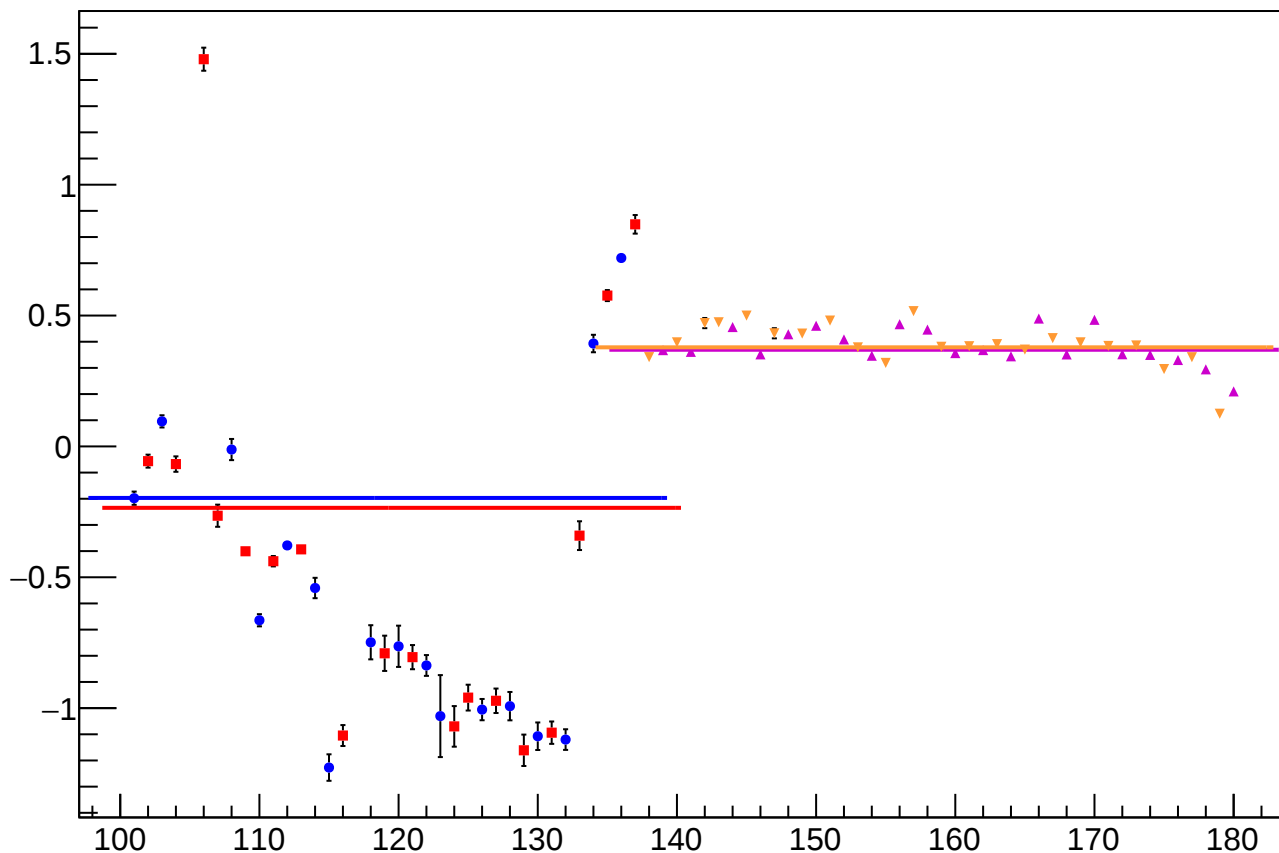
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -18.634 ± 0.055 χ^2/NDF : 5953.0/37

Out: -18.272 ± 0.055 χ^2/NDF : 5760.3/39

All: -18.455 ± 0.039 χ^2/NDF : 11735.0/77

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 899.8/21

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.369 ± 0.003 χ^2/NDF : 706.0/20

Left: 0.374 ± 0.002 χ^2/NDF : 1611.4/42

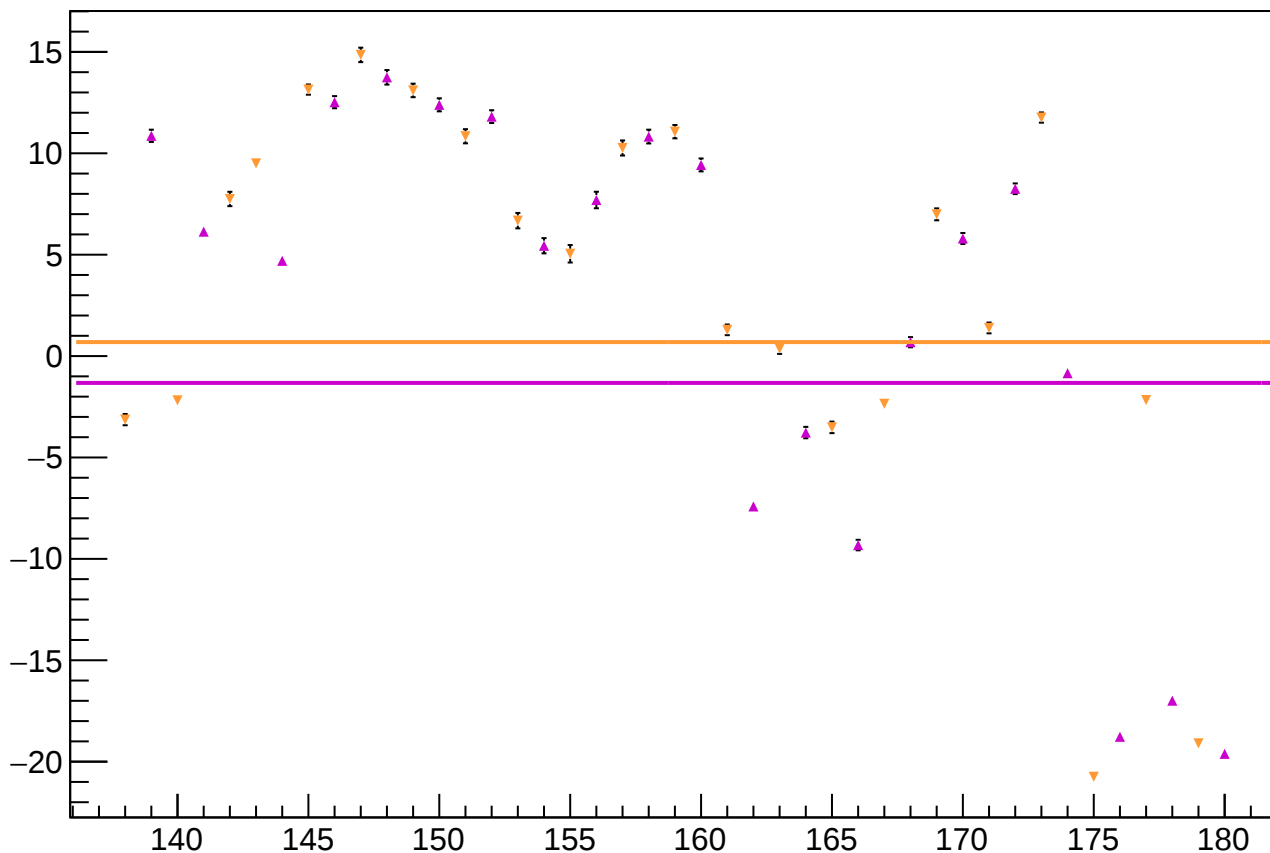
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.303 ± 0.003 χ^2/NDF : 12005.5/37

Out: 0.297 ± 0.003 χ^2/NDF : 13413.2/39

All: 0.300 ± 0.002 χ^2/NDF : 25421.7/77

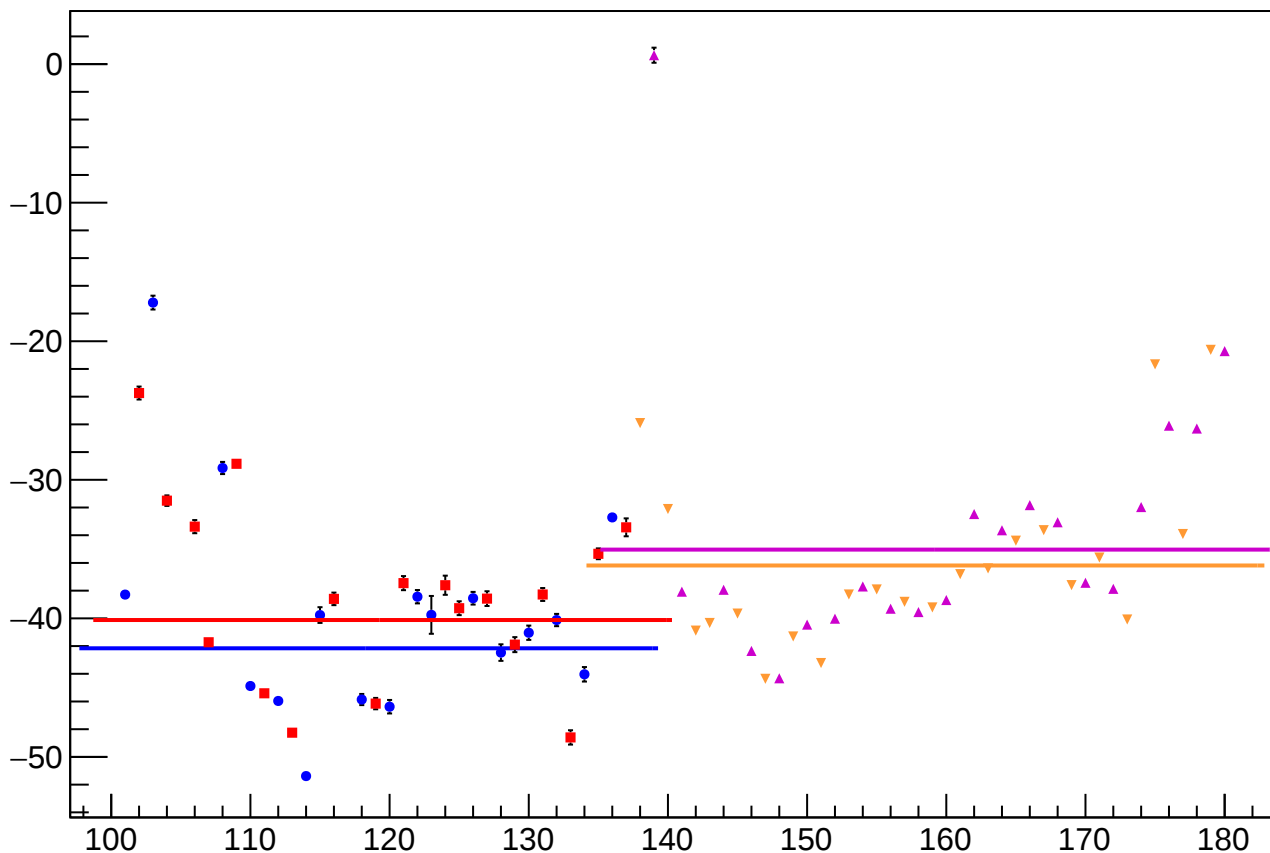
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.690 $\pm$ 0.059 χ^2 /NDF:32537.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -1.323 $\pm$ 0.058 χ^2 /NDF:39007.8/20

Left: -0.330 $\pm$ 0.041 χ^2 /NDF: 72143.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -1.323 $\pm$ 0.058 χ^2 /NDF:39007.8/20
 Out: 0.690 $\pm$ 0.059 χ^2 /NDF:32537.1/21
 All: -0.330 $\pm$ 0.041 χ^2 /NDF: 72143.4/42

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: -36.184 ± 0.044 $\chi^2/\text{NDF}: 19970.0/21$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -35.038 ± 0.045 $\chi^2/\text{NDF}: 22635.6/20$

Left: -35.624 ± 0.032 $\chi^2/\text{NDF}: 42932.9/42$

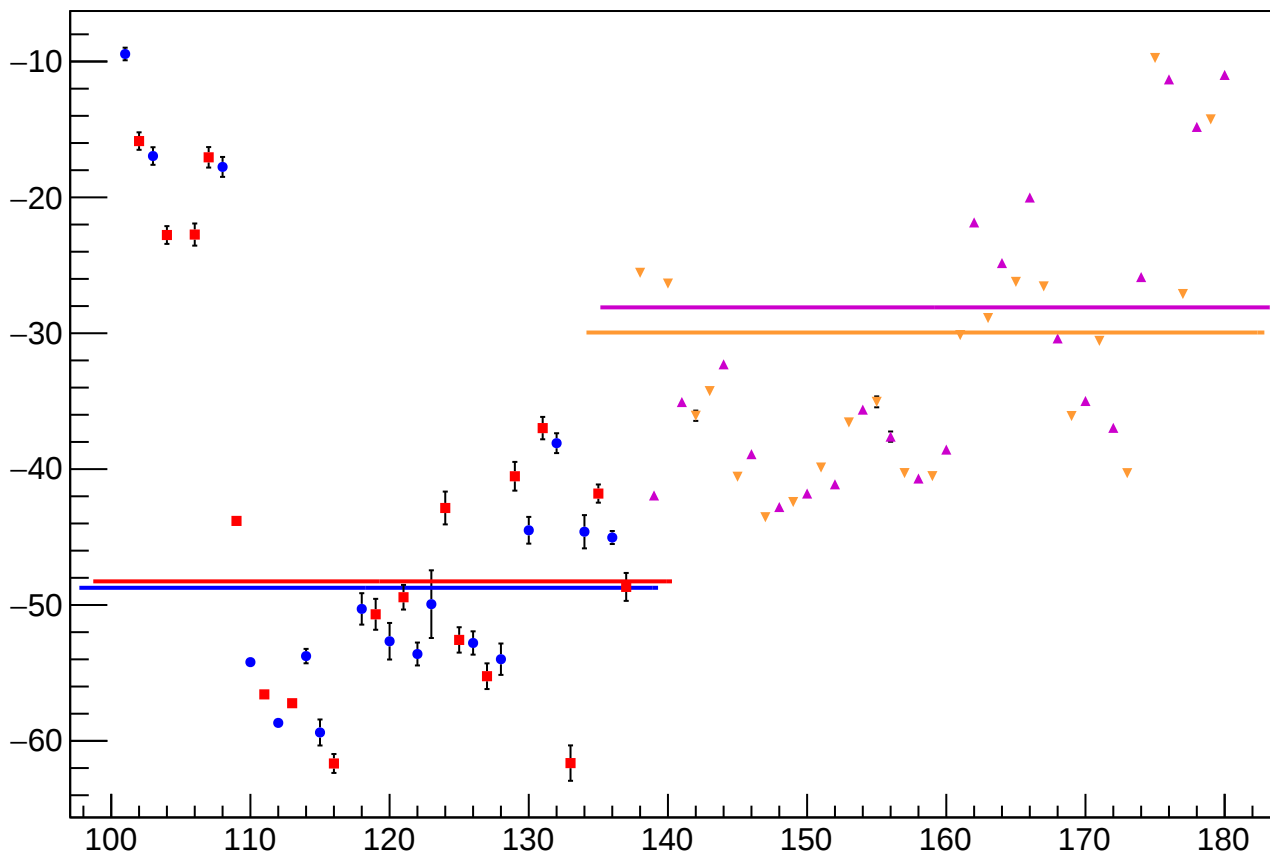
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -36.838 ± 0.039 $\chi^2/\text{NDF}: 35449.8/37$

Out: -37.245 ± 0.038 $\chi^2/\text{NDF}: 32986.7/39$

All: -37.049 ± 0.027 $\chi^2/\text{NDF}: 68492.2/77$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -29.946 ± 0.059 $\chi^2/\text{NDF}: 27121.0/21$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -28.096 ± 0.058 $\chi^2/\text{NDF}: 36240.4/20$

Left: -29.005 ± 0.041 $\chi^2/\text{NDF}: 63867.6/42$

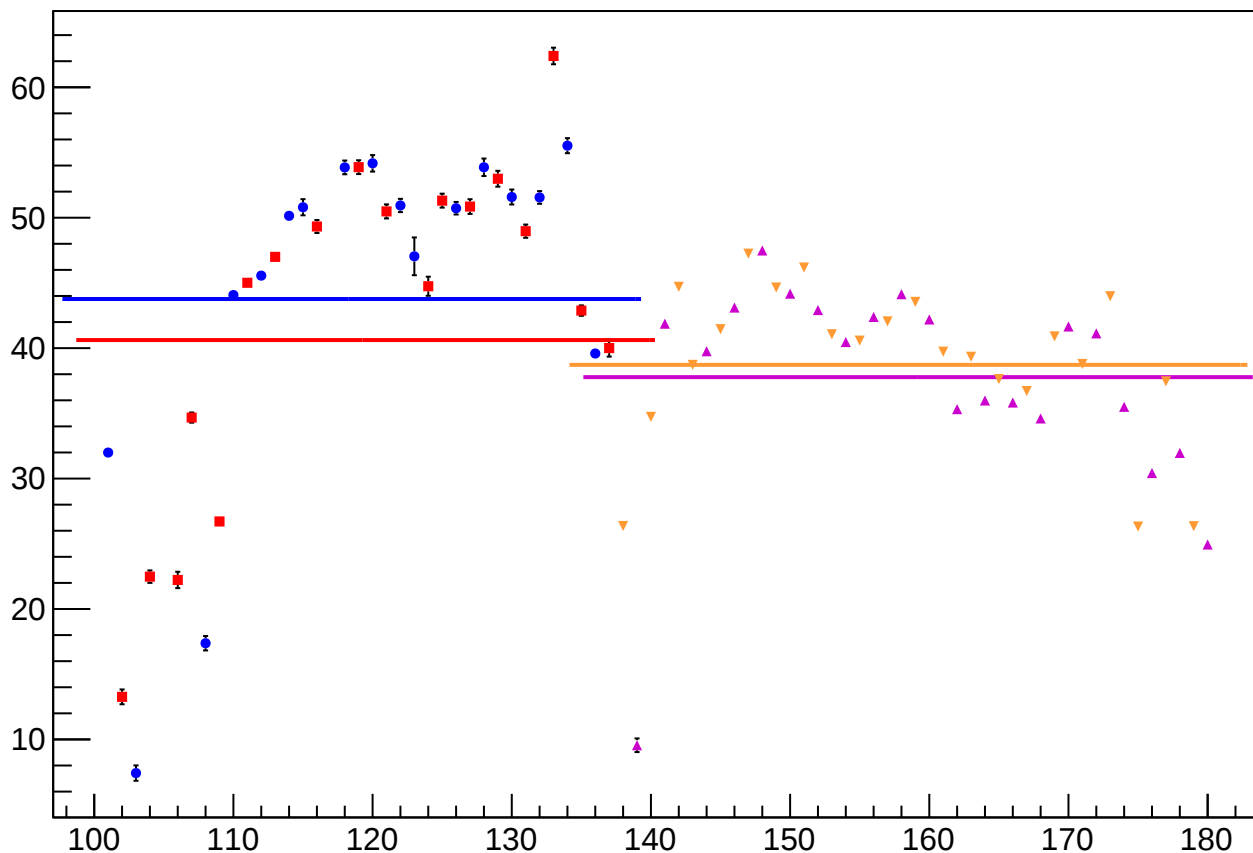
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -31.731 ± 0.052 $\chi^2/\text{NDF}: 73469.8/37$

Out: -34.148 ± 0.051 $\chi^2/\text{NDF}: 60604.9/39$

All: -32.960 ± 0.037 $\chi^2/\text{NDF}: 135159.6/77$

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: 38.719 $\pm$ 0.050 χ^2 /NDF:13509.7/21

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 37.776 $\pm$ 0.051 χ^2 /NDF:15303.4/20

Left: 38.254 $\pm$ 0.036 χ^2 /NDF: 28986.5/42

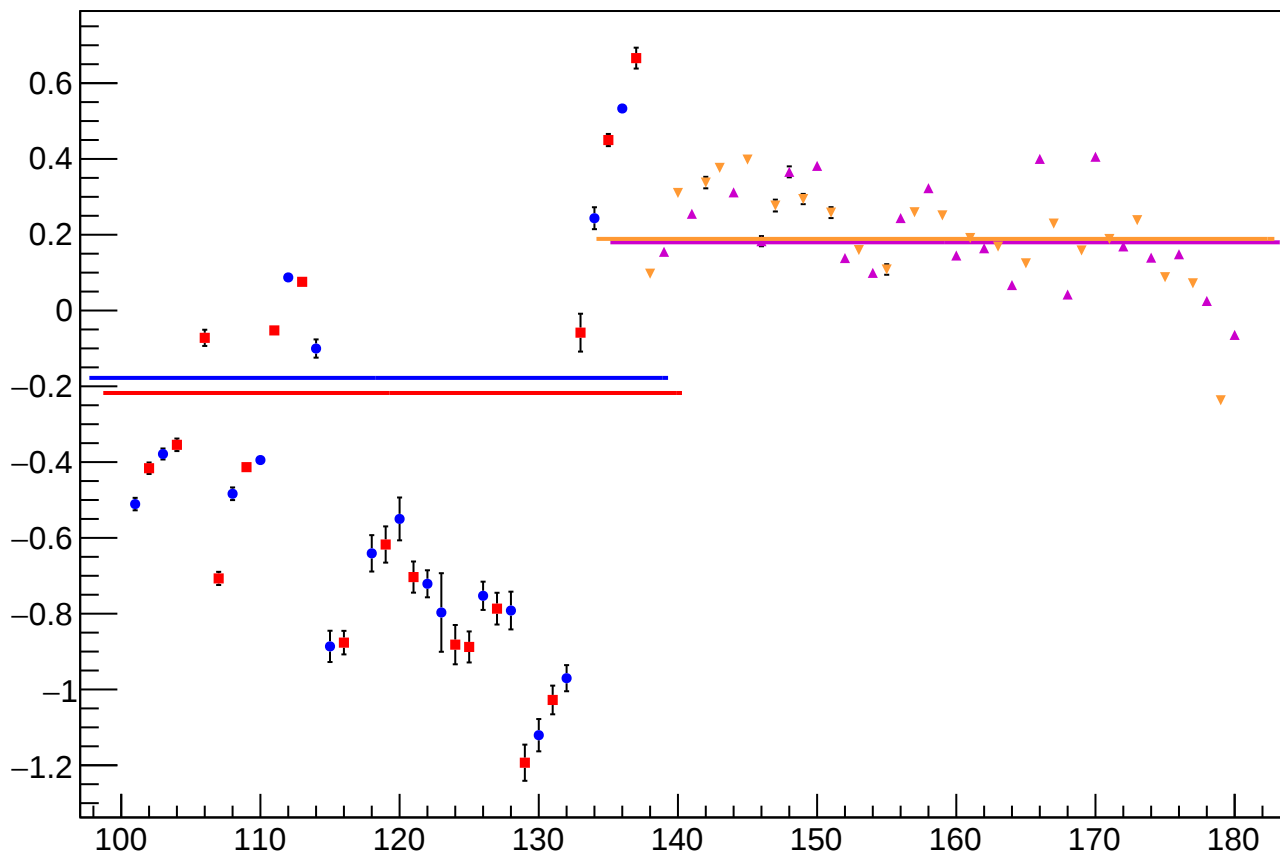
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 39.311 $\pm$ 0.044 χ^2 /NDF:29478.9/37

Out: 39.255 $\pm$ 0.043 χ^2 /NDF:30870.0/39

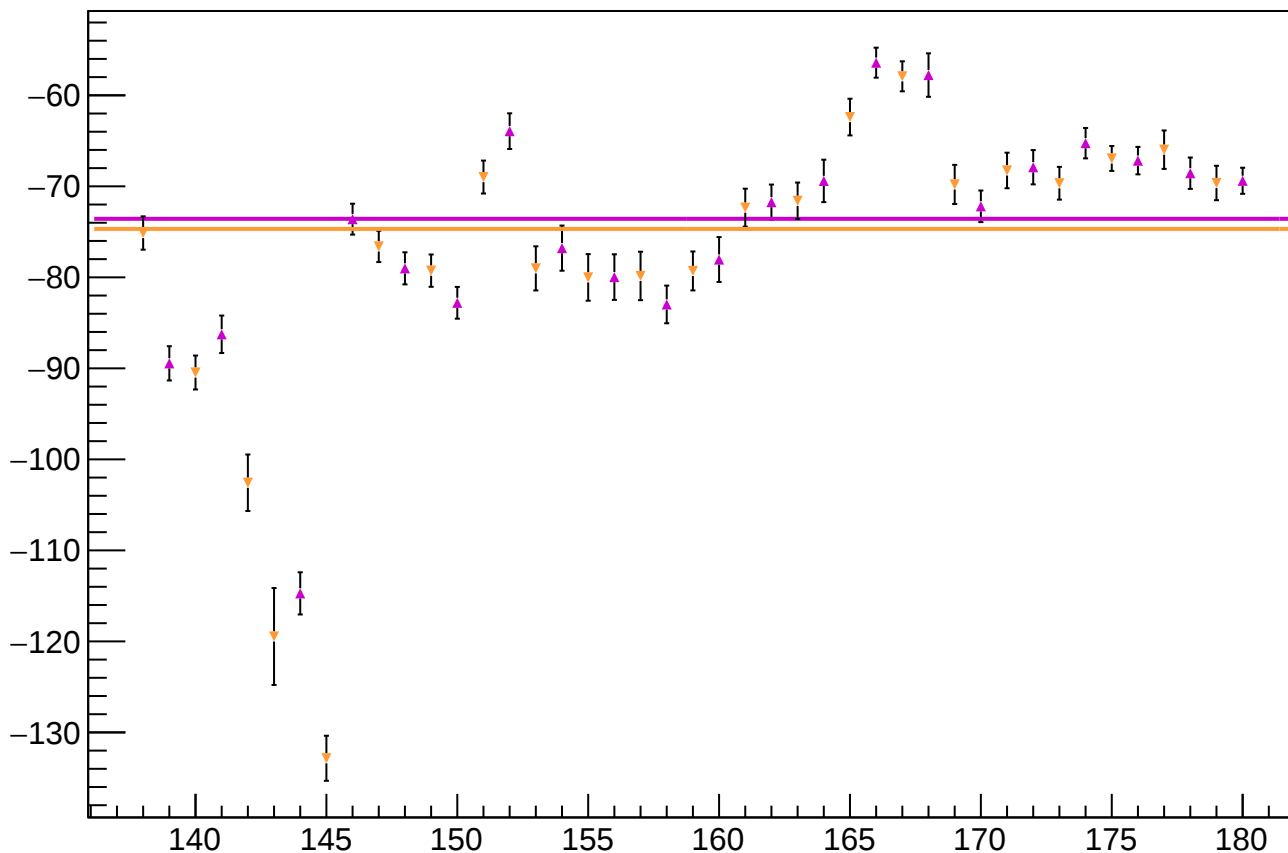
All: 39.282 $\pm$ 0.031 χ^2 /NDF: 60349.8/77

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.184 ± 0.002 χ^2/NDF : 6314.2/42
 Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34
 In: 0.113 ± 0.002 χ^2/NDF : 14832.9/37
 Out: 0.097 ± 0.002 χ^2/NDF : 17604.3/39
 All: 0.105 ± 0.001 χ^2/NDF : 32467.7/77

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -74.679 ± 0.428 χ^2/NDF : 1033.2/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -73.569 ± 0.411 χ^2/NDF : 743.7/20

Left: -74.102 ± 0.297 χ^2/NDF : 1780.4/42

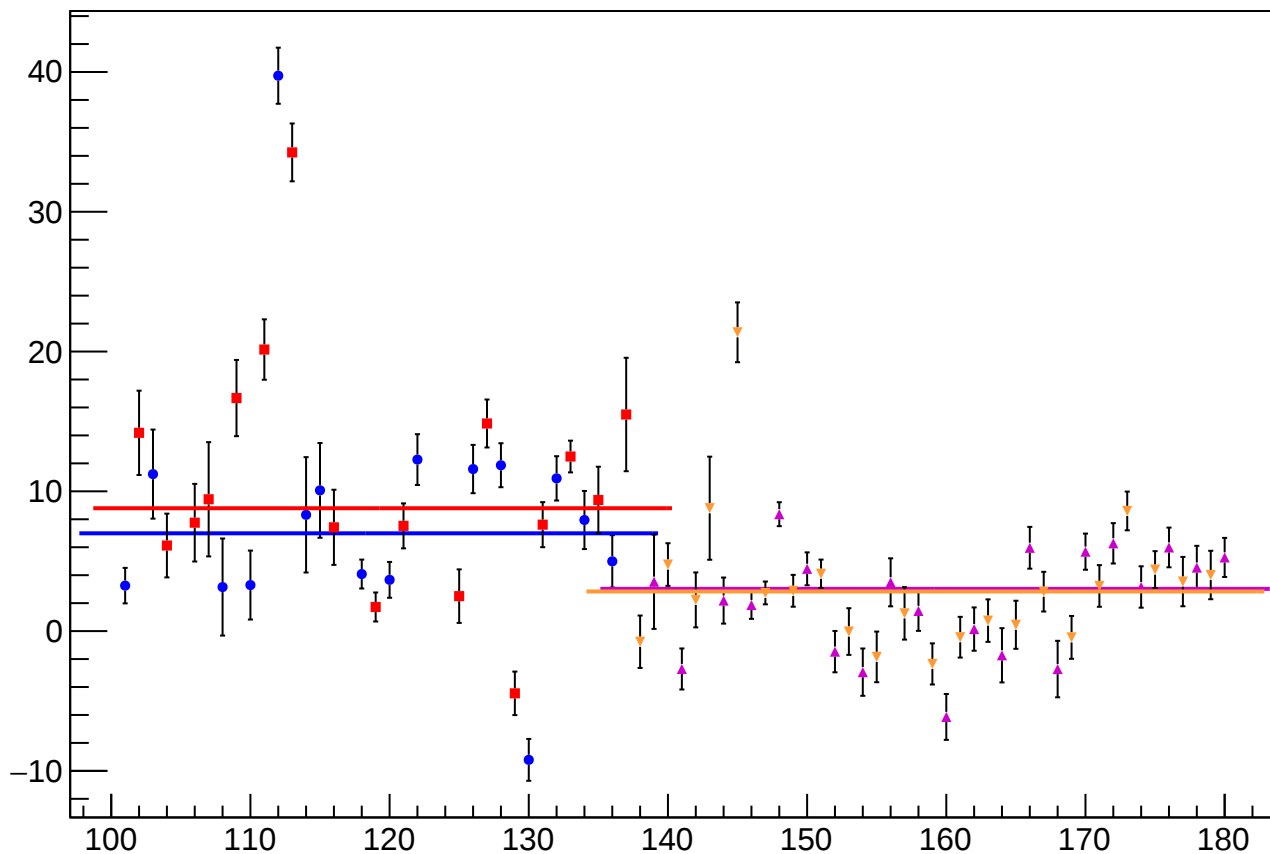
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -73.569 ± 0.411 χ^2/NDF : 743.7/20

Out: -74.679 ± 0.428 χ^2/NDF : 1033.2/21

All: -74.102 ± 0.297 χ^2/NDF : 1780.4/42

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: 2.836 $\pm$ 0.312 χ^2/NDF : 140.2/21

Right Out: 8.790 $\pm$ 0.449 χ^2/NDF : 348.8/16

Left In: 3.020 $\pm$ 0.311 χ^2/NDF : 150.0/20

Left: 2.928 $\pm$ 0.220 χ^2/NDF : 290.4/42

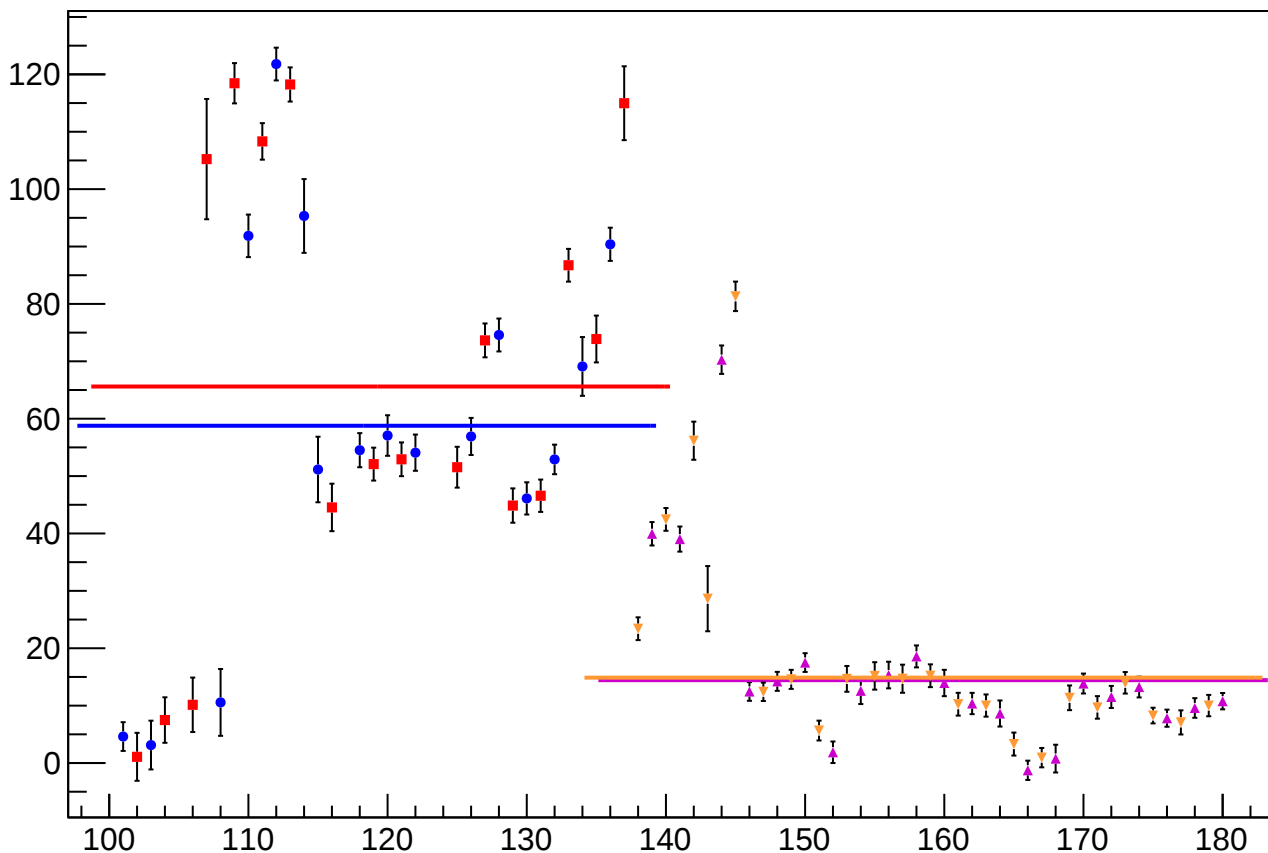
Right: 7.862 $\pm$ 0.312 χ^2/NDF : 802.4/32

In: 4.366 $\pm$ 0.253 χ^2/NDF : 650.8/36

Out: 4.770 $\pm$ 0.256 χ^2/NDF : 607.5/38

All: 4.565 $\pm$ 0.180 χ^2/NDF : 1259.6/75

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: 14.876 $\pm$ 0.423 χ^2 /NDF:1239.2/21

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 14.437 $\pm$ 0.406 χ^2 /NDF:1014.0/20

Left: 14.648 $\pm$ 0.293 χ^2 /NDF: 2253.7/42

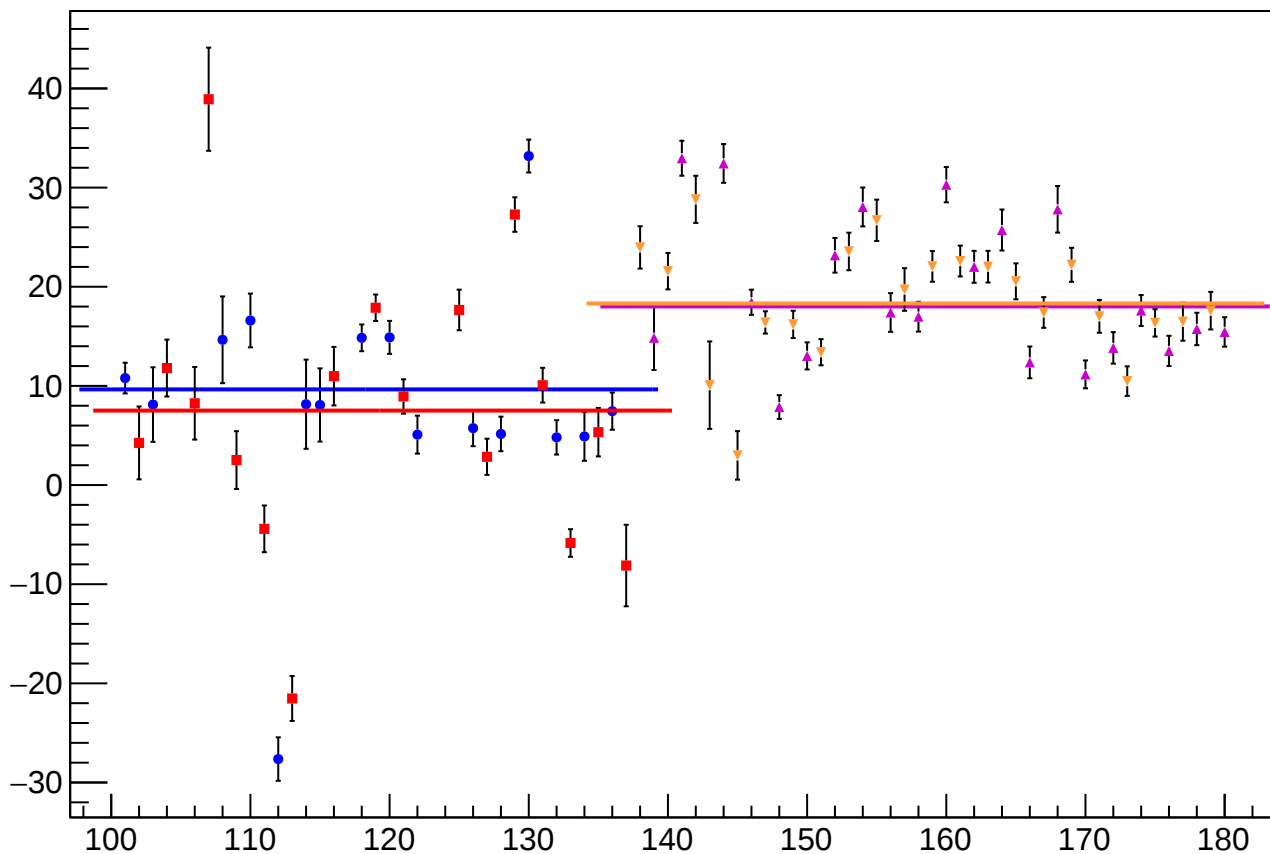
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 22.965 $\pm$ 0.365 χ^2 /NDF:4795.3/36

Out: 25.040 $\pm$ 0.378 χ^2 /NDF:5748.5/38

All: 23.967 $\pm$ 0.263 χ^2 /NDF: 10559.4/75

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 18.314 ± 0.360 $\chi^2/\text{NDF}: 173.0/21$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 18.015 ± 0.356 $\chi^2/\text{NDF}: 389.8/20$

Left: 18.163 ± 0.253 $\chi^2/\text{NDF}: 563.1/42$

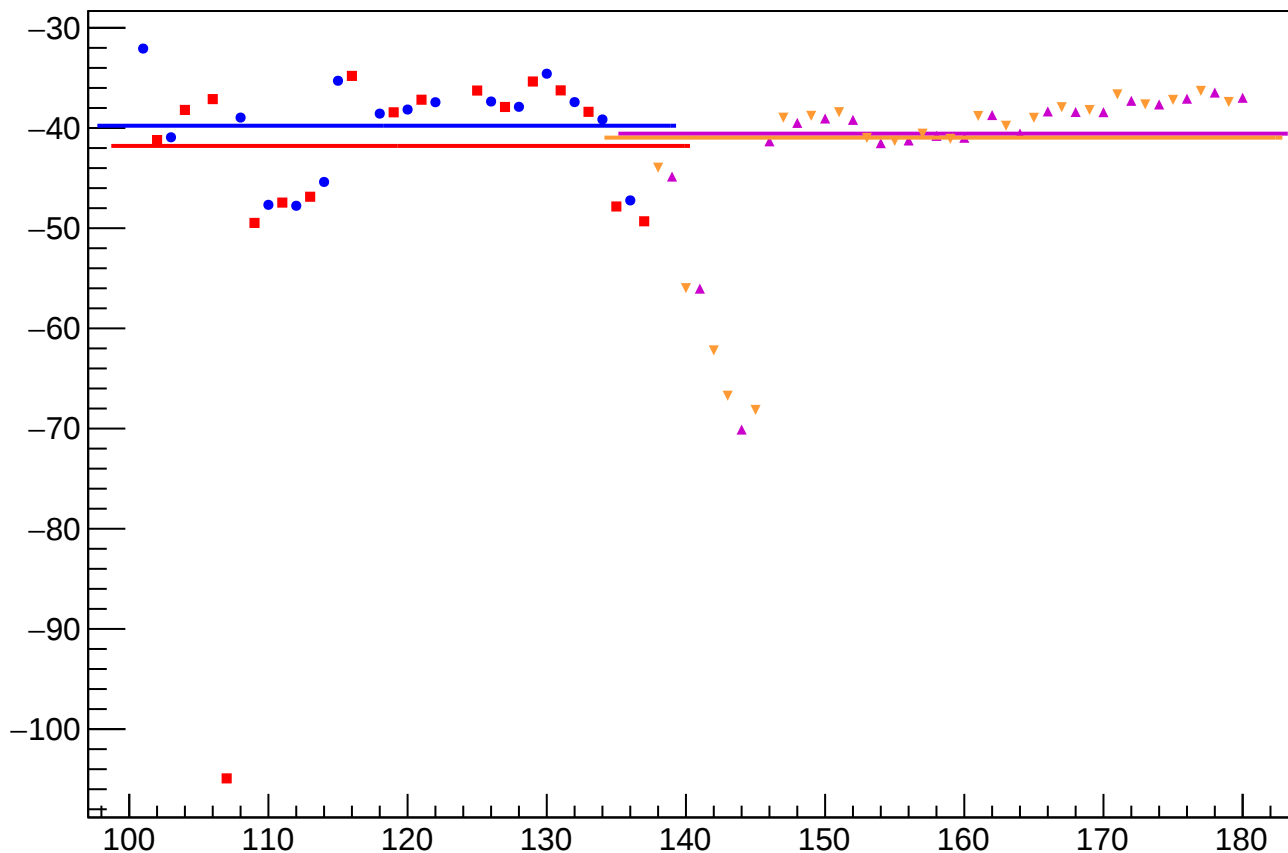
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 15.219 ± 0.290 $\chi^2/\text{NDF}: 1128.2/36$

Out: 14.779 ± 0.295 $\chi^2/\text{NDF}: 1031.6/38$

All: 15.003 ± 0.207 $\chi^2/\text{NDF}: 2161.0/75$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

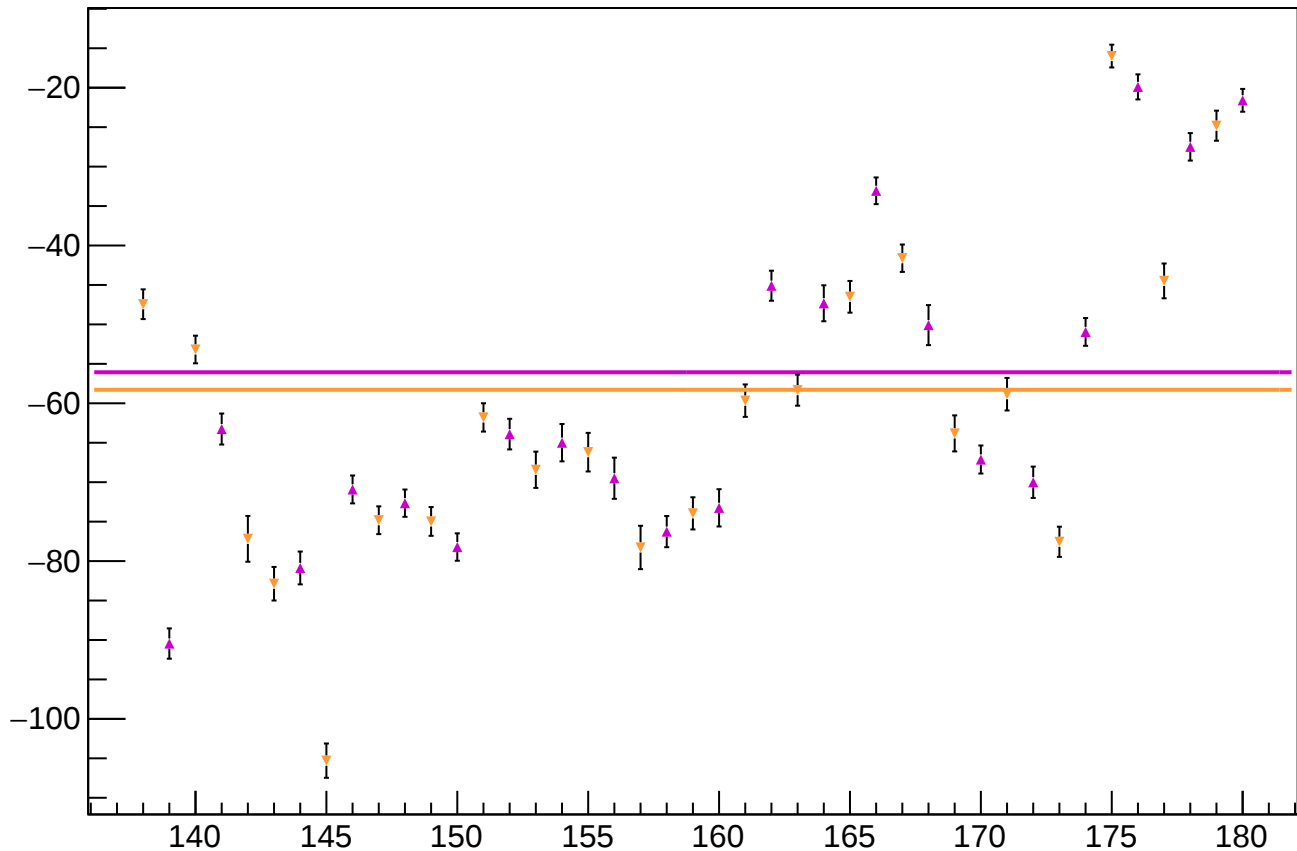


Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -40.960 ± 0.017 $\chi^2/\text{NDF}: 163076.6/21$
 Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$
 Left In: -40.563 ± 0.016 $\chi^2/\text{NDF}: 124728.3/20$

Left: -40.755 ± 0.012 $\chi^2/\text{NDF}: 288086.8/42$
 Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$
 In: -40.391 ± 0.015 $\chi^2/\text{NDF}: 151412.0/36$
 Out: -41.147 ± 0.015 $\chi^2/\text{NDF}: 256621.4/38$

All: -40.758 ± 0.010 $\chi^2/\text{NDF}: 409352.1/75$

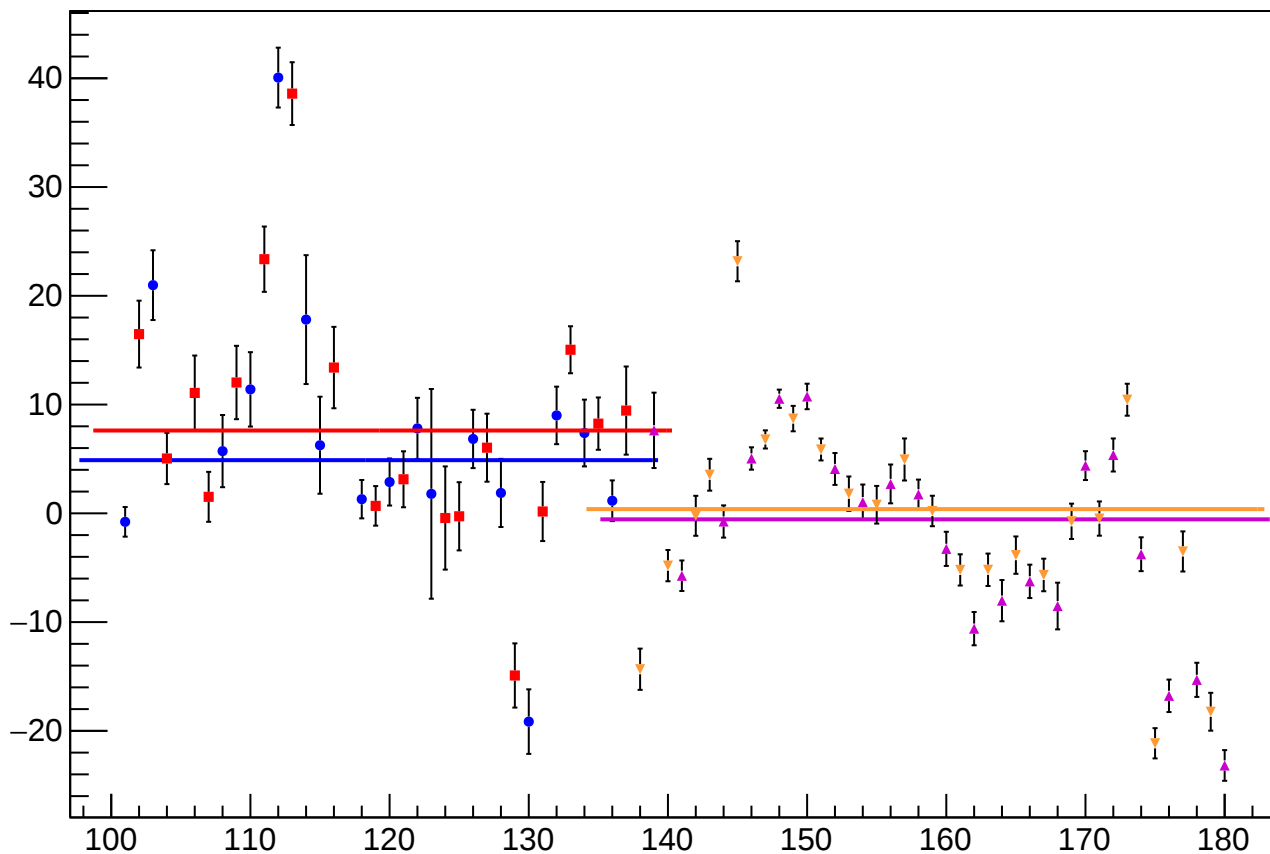
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.288+/-0.424 χ^2/NDF :2443.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.065+/-0.414 χ^2/NDF :2704.6/20

Left: -57.149+/-0.296 χ^2/NDF : 5162.3/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -56.065+/-0.414 χ^2/NDF :2704.6/20
 Out: -58.288+/-0.424 χ^2/NDF :2443.6/21
 All: -57.149+/-0.296 χ^2/NDF : 5162.3/42

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: 0.389 ± 0.307 $\chi^2/\text{NDF}: 834.3/21$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: -0.552 ± 0.311 $\chi^2/\text{NDF}: 920.0/20$

Left: -0.077 ± 0.218 $\chi^2/\text{NDF}: 1758.9/42$

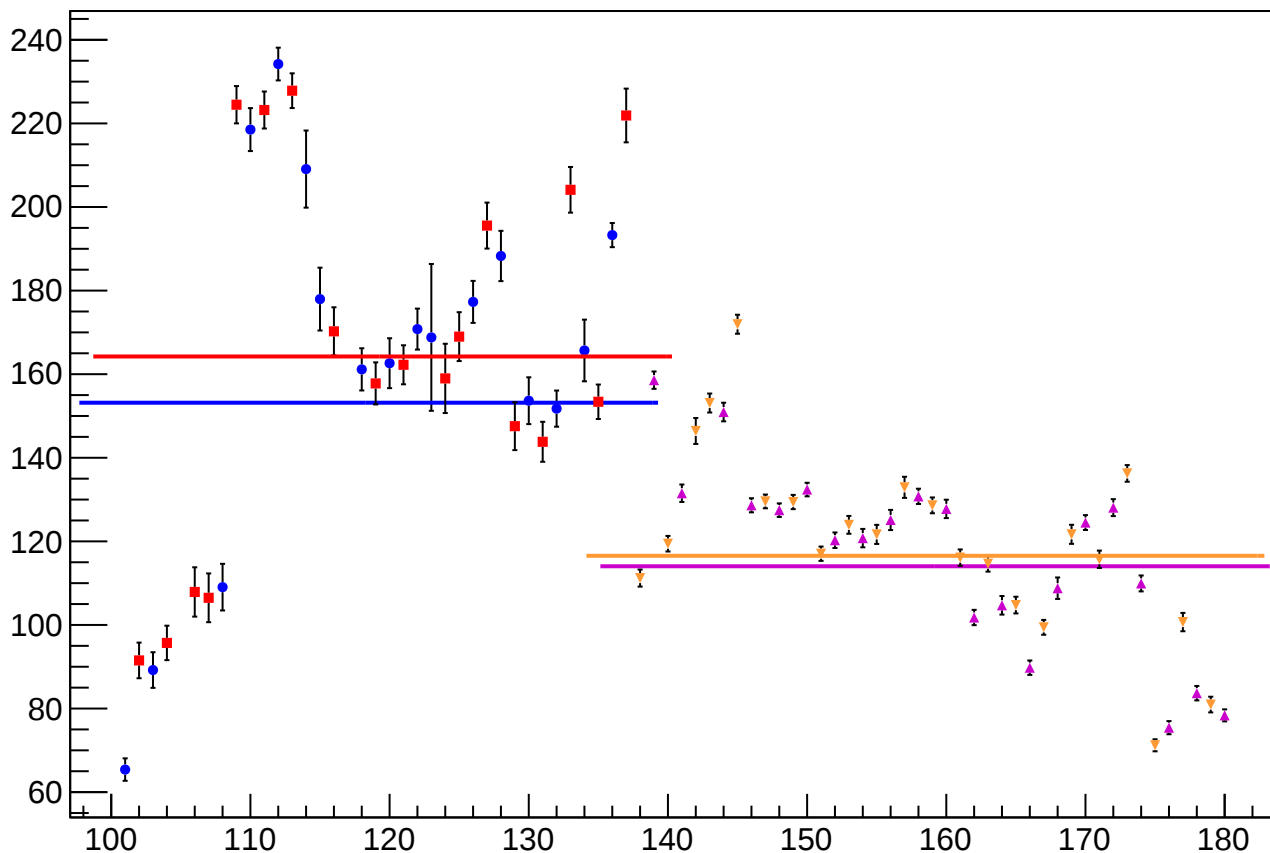
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 0.533 ± 0.278 $\chi^2/\text{NDF}: 1276.0/37$

Out: 1.702 ± 0.278 $\chi^2/\text{NDF}: 1203.9/39$

All: 1.117 ± 0.197 $\chi^2/\text{NDF}: 2488.7/77$

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: 116.544 $\pm$ 0.420 χ^2 /NDF: 2810.0/21

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 114.040 $\pm$ 0.409 χ^2 /NDF: 3116.5/20

Left: 115.258 $\pm$ 0.293 χ^2 /NDF: 5944.8/42

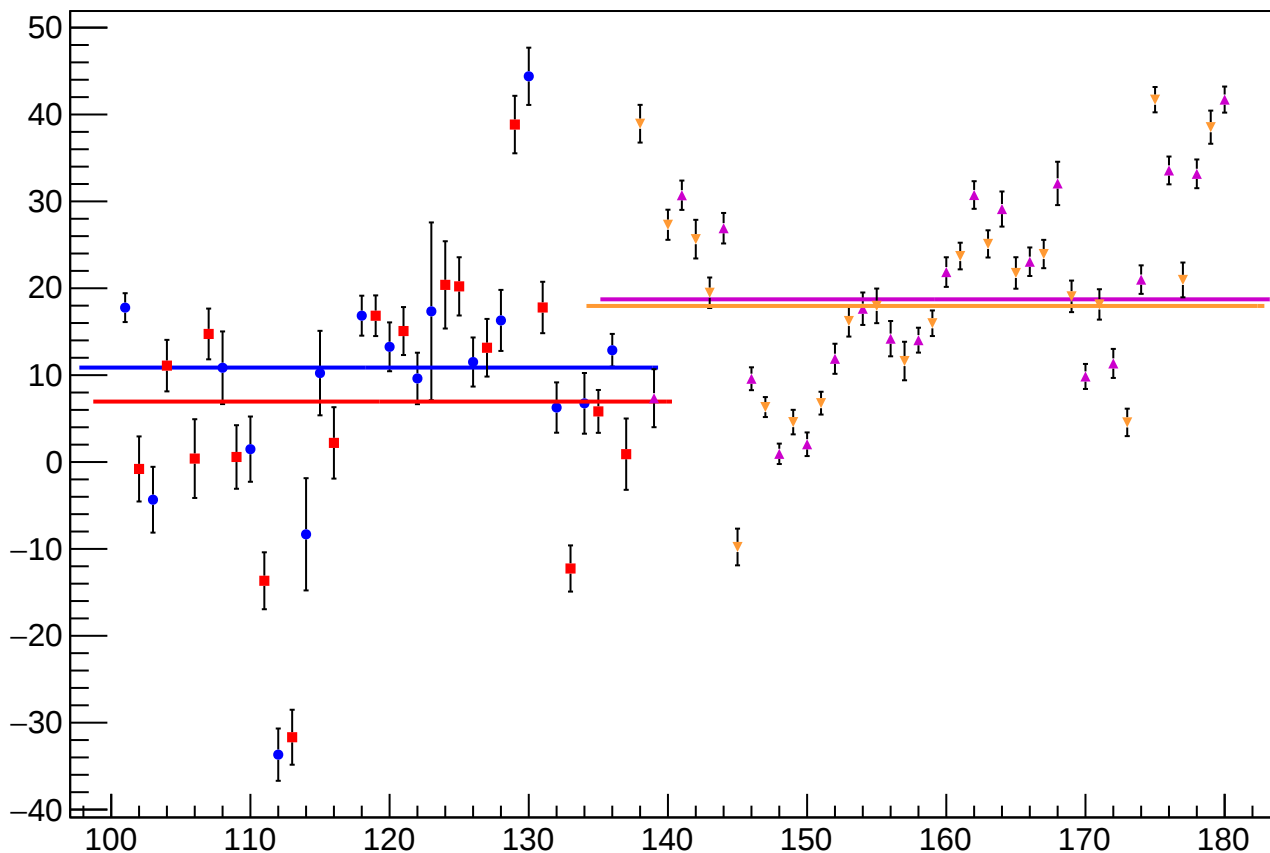
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 118.451 $\pm$ 0.385 χ^2 /NDF: 6414.7/37

Out: 121.876 $\pm$ 0.396 χ^2 /NDF: 5807.7/39

All: 120.116 $\pm$ 0.276 χ^2 /NDF: 12260.9/77

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: 17.964 $\pm$ 0.356 χ^2 /NDF:1091.9/21

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 18.727 $\pm$ 0.356 χ^2 /NDF:1122.3/20

Left: 18.345 $\pm$ 0.252 χ^2 /NDF: 2216.5/42

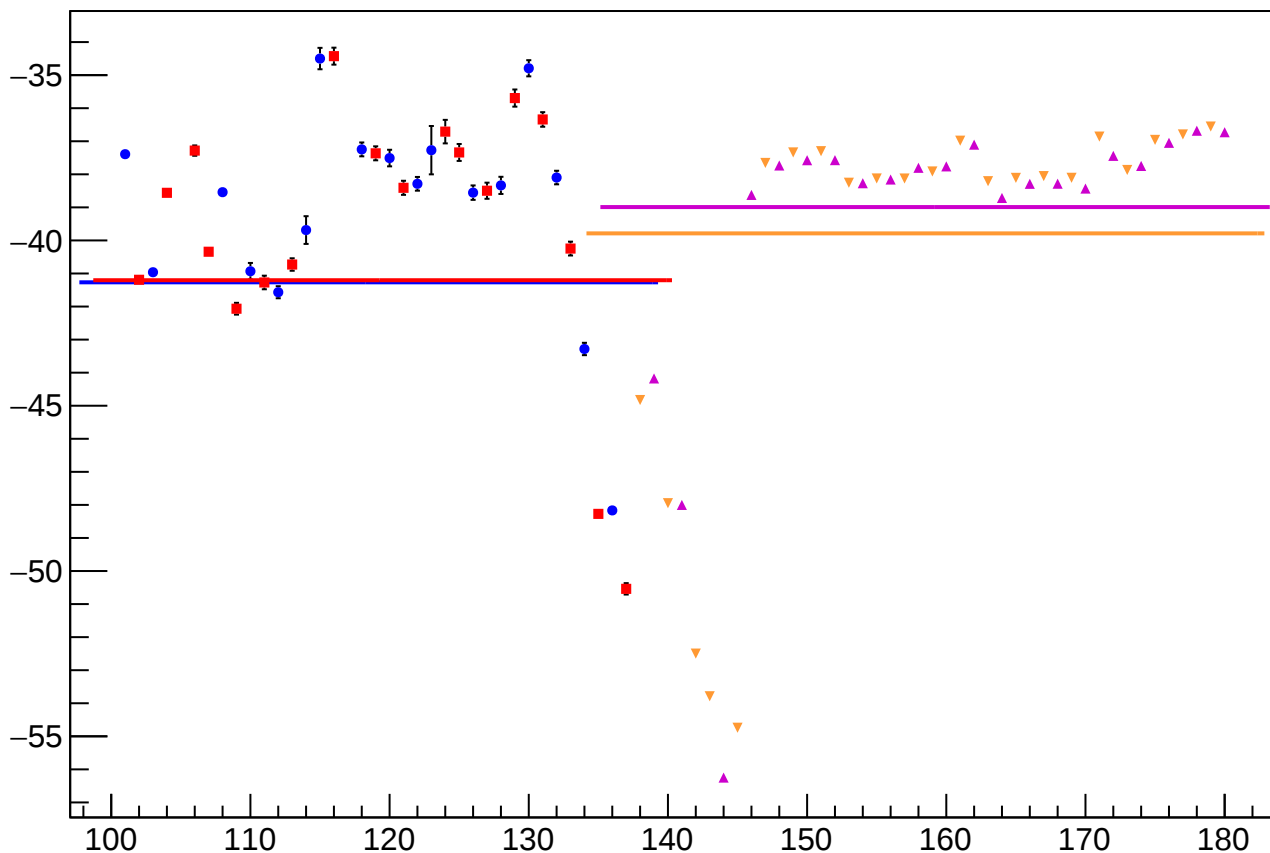
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 17.164 $\pm$ 0.319 χ^2 /NDF:1605.8/37

Out: 15.939 $\pm$ 0.321 χ^2 /NDF:1690.4/39

All: 16.556 $\pm$ 0.226 χ^2 /NDF: 3303.5/77

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -39.787 $\pm$ 0.017 χ^2 /NDF: 90328.9/21

Right Out: -41.204 $\pm$ 0.039 χ^2 /NDF: 12008.6/17

Left In: -38.991 $\pm$ 0.017 χ^2 /NDF: 53931.0/20

Left: -39.380 $\pm$ 0.012 χ^2 /NDF: 145396.9/42

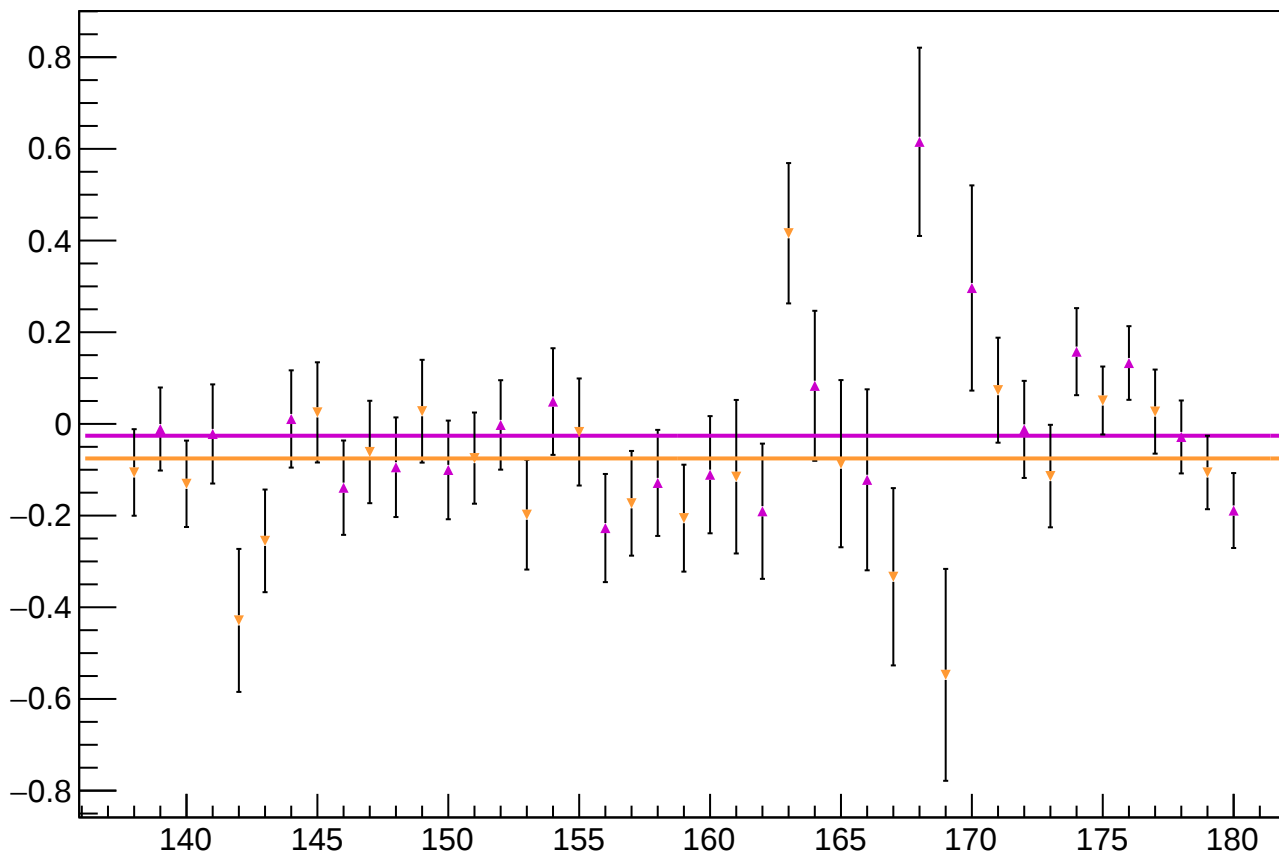
Right: -41.236 $\pm$ 0.027 χ^2 /NDF: 24591.7/34

In: -39.344 $\pm$ 0.015 χ^2 /NDF: 69462.2/37

Out: -40.011 $\pm$ 0.015 χ^2 /NDF: 103457.6/39

All: -39.671 $\pm$ 0.011 χ^2 /NDF: 173867.4/77

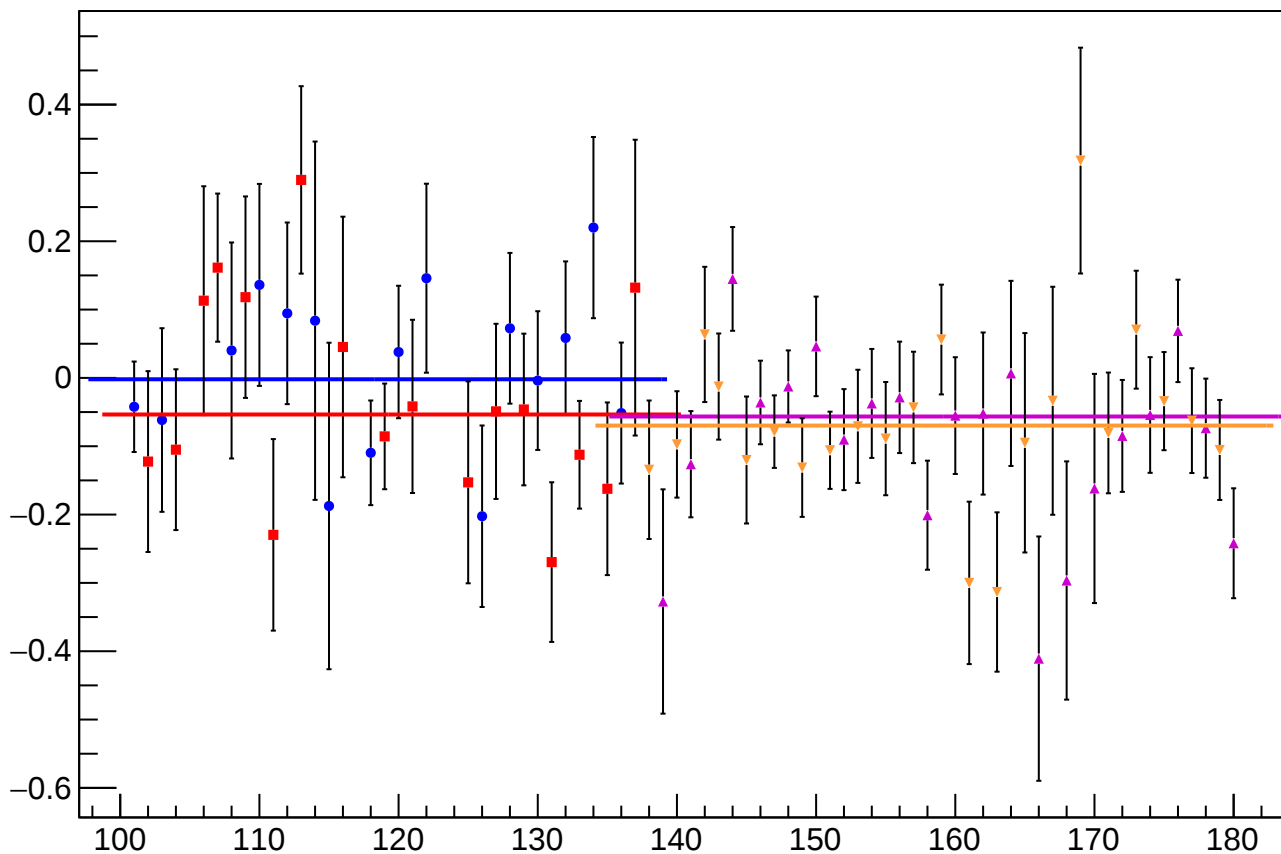
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.075 $\pm$ 0.024 χ^2 /NDF:35.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20

Left: -0.050 $\pm$ 0.017 χ^2 /NDF: 69.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.026 $\pm$ 0.024 χ^2 /NDF:32.2/20
 Out: -0.075 $\pm$ 0.024 χ^2 /NDF:35.6/21
 All: -0.050 $\pm$ 0.017 χ^2 /NDF: 69.9/42

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.070 ± 0.018 χ^2/NDF : 23.8/21

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.056 ± 0.018 χ^2/NDF : 31.7/20

Left: -0.063 ± 0.013 χ^2/NDF : 55.8/42

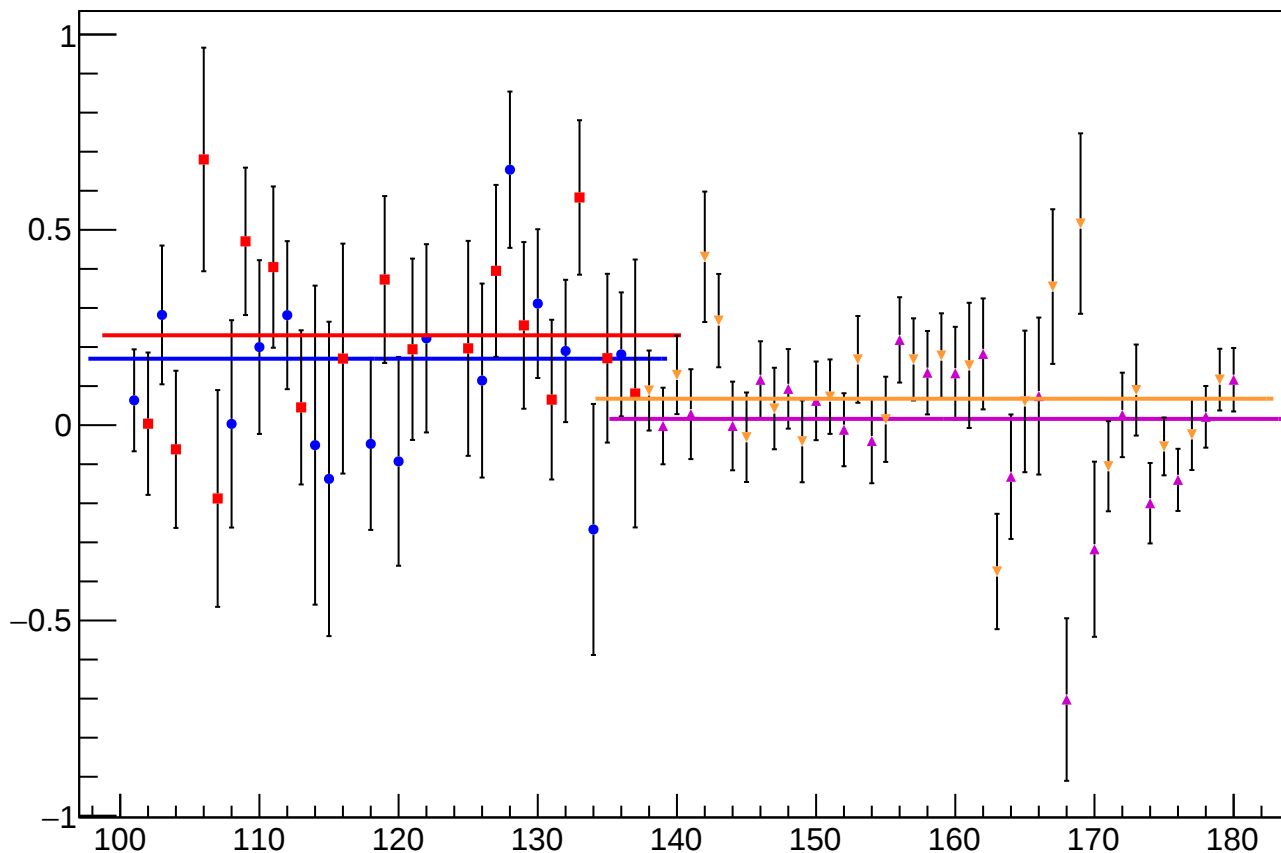
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.040 ± 0.015 χ^2/NDF : 46.5/36

Out: -0.065 ± 0.015 χ^2/NDF : 45.0/38

All: -0.053 ± 0.011 χ^2/NDF : 92.8/75

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.068 ± 0.024 $\chi^2/\text{NDF}: 34.4/21$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.016 ± 0.024 $\chi^2/\text{NDF}: 34.1/20$

Left: 0.042 ± 0.017 $\chi^2/\text{NDF}: 70.8/42$

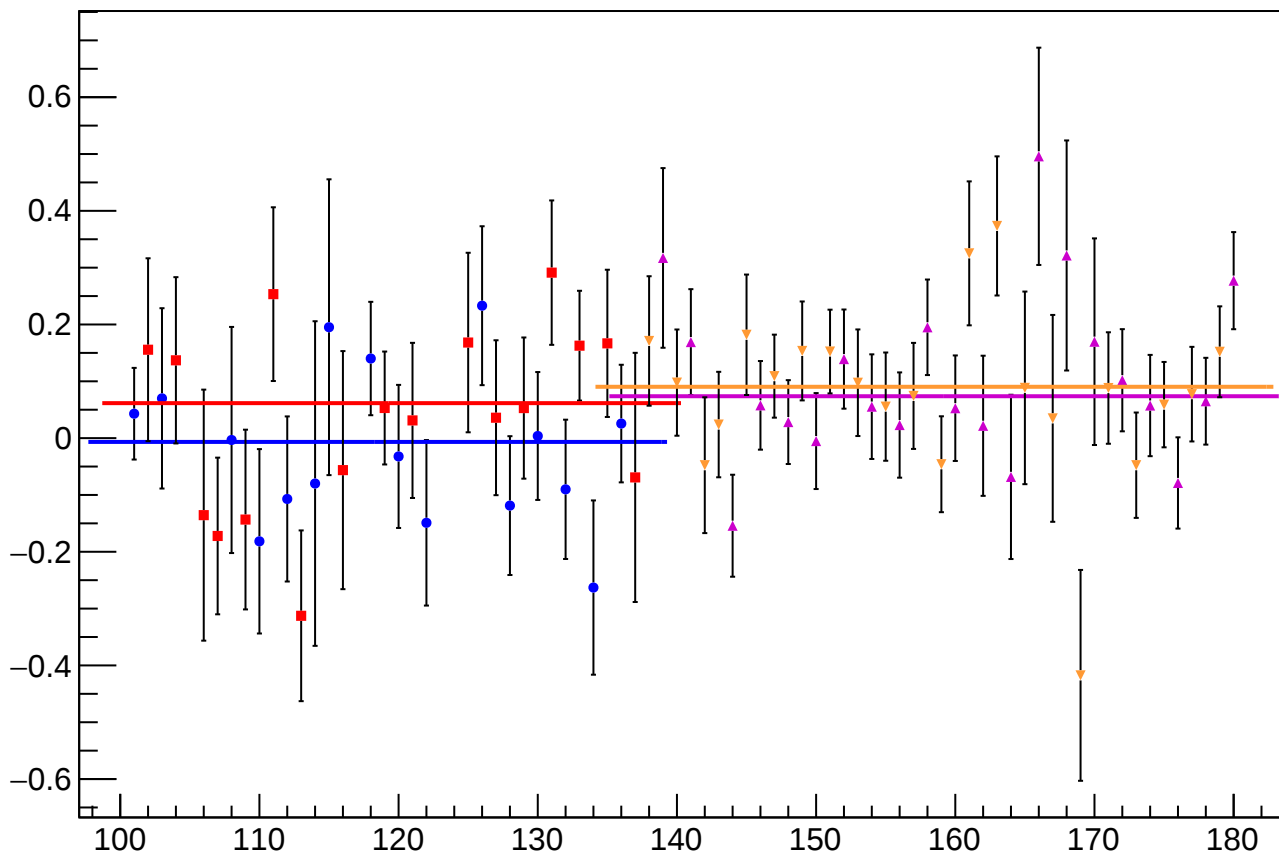
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.042 ± 0.021 $\chi^2/\text{NDF}: 54.3/36$

Out: 0.094 ± 0.022 $\chi^2/\text{NDF}: 58.8/38$

All: 0.068 ± 0.015 $\chi^2/\text{NDF}: 116.0/75$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.090 ± 0.021 χ^2/NDF : 26.6/21

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.074 ± 0.021 χ^2/NDF : 31.4/20

Left: 0.082 ± 0.015 χ^2/NDF : 58.3/42

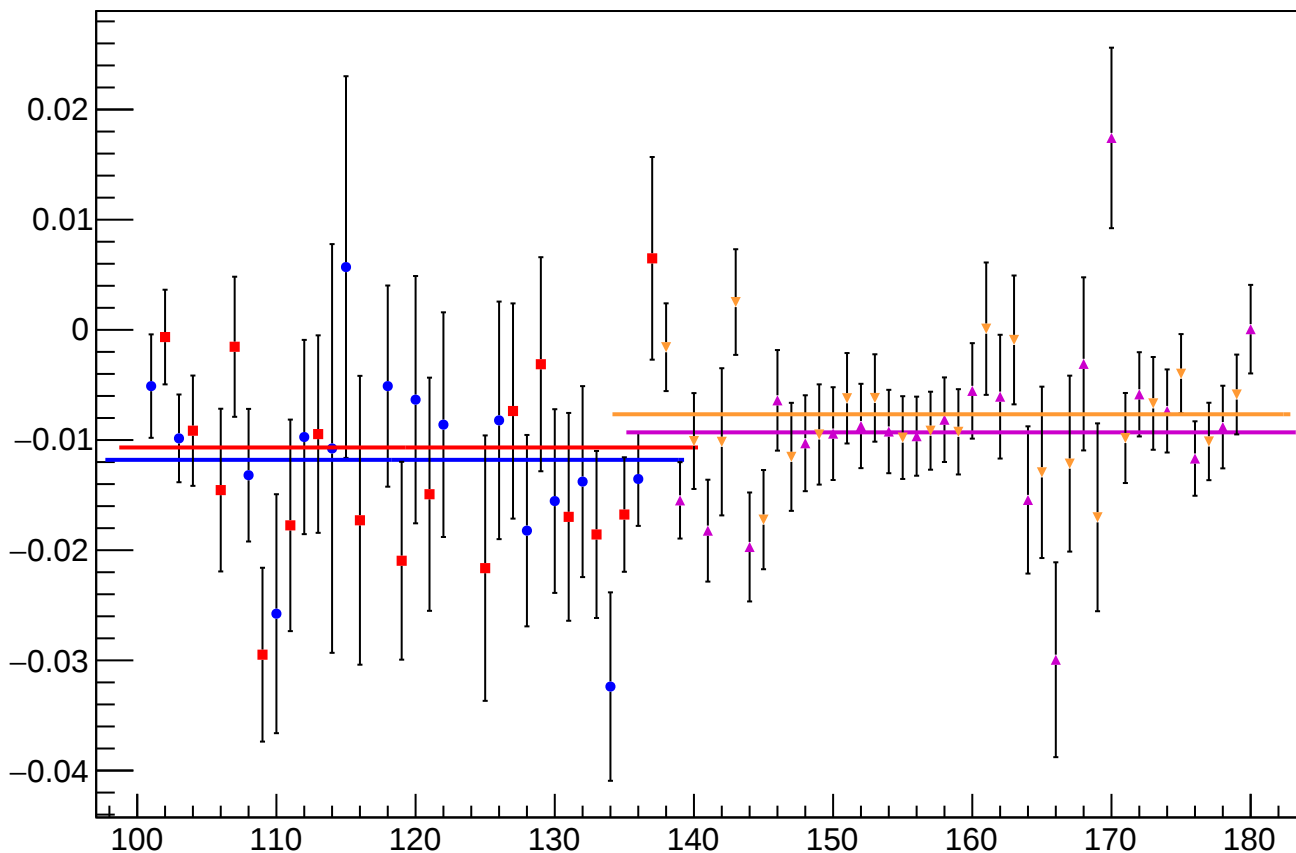
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.050 ± 0.018 χ^2/NDF : 49.0/36

Out: 0.083 ± 0.018 χ^2/NDF : 47.1/38

All: 0.067 ± 0.012 χ^2/NDF : 97.7/75

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 20.6/21

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.009 ± 0.001 χ^2/NDF : 37.6/20

Left: -0.008 ± 0.001 χ^2/NDF : 59.7/42

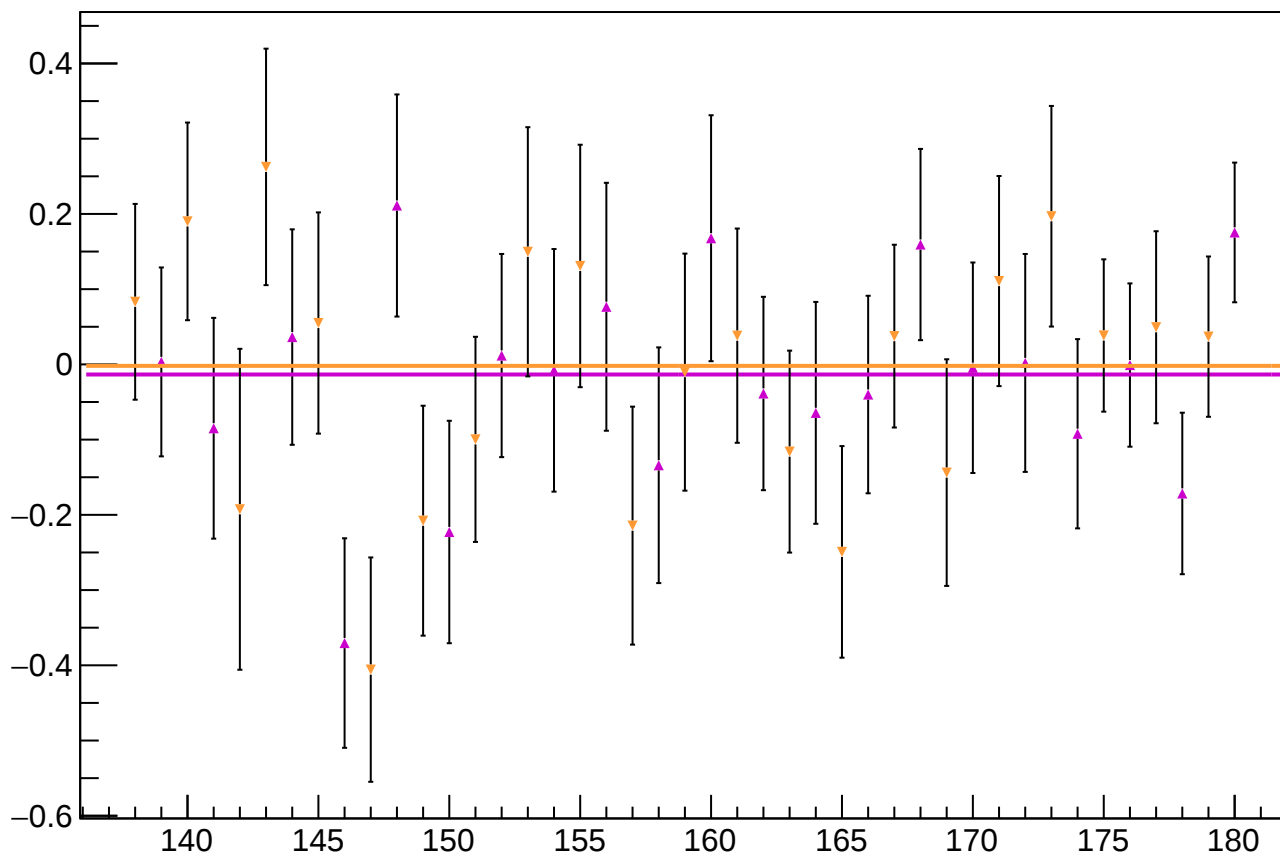
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.010 ± 0.001 χ^2/NDF : 51.9/36

Out: -0.008 ± 0.001 χ^2/NDF : 46.6/38

All: -0.009 ± 0.001 χ^2/NDF : 100.2/75

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: -0.002 $\pm$ 0.030 χ^2 /NDF:27.2/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20

Left: -0.008 $\pm$ 0.021 χ^2 /NDF: 49.4/42

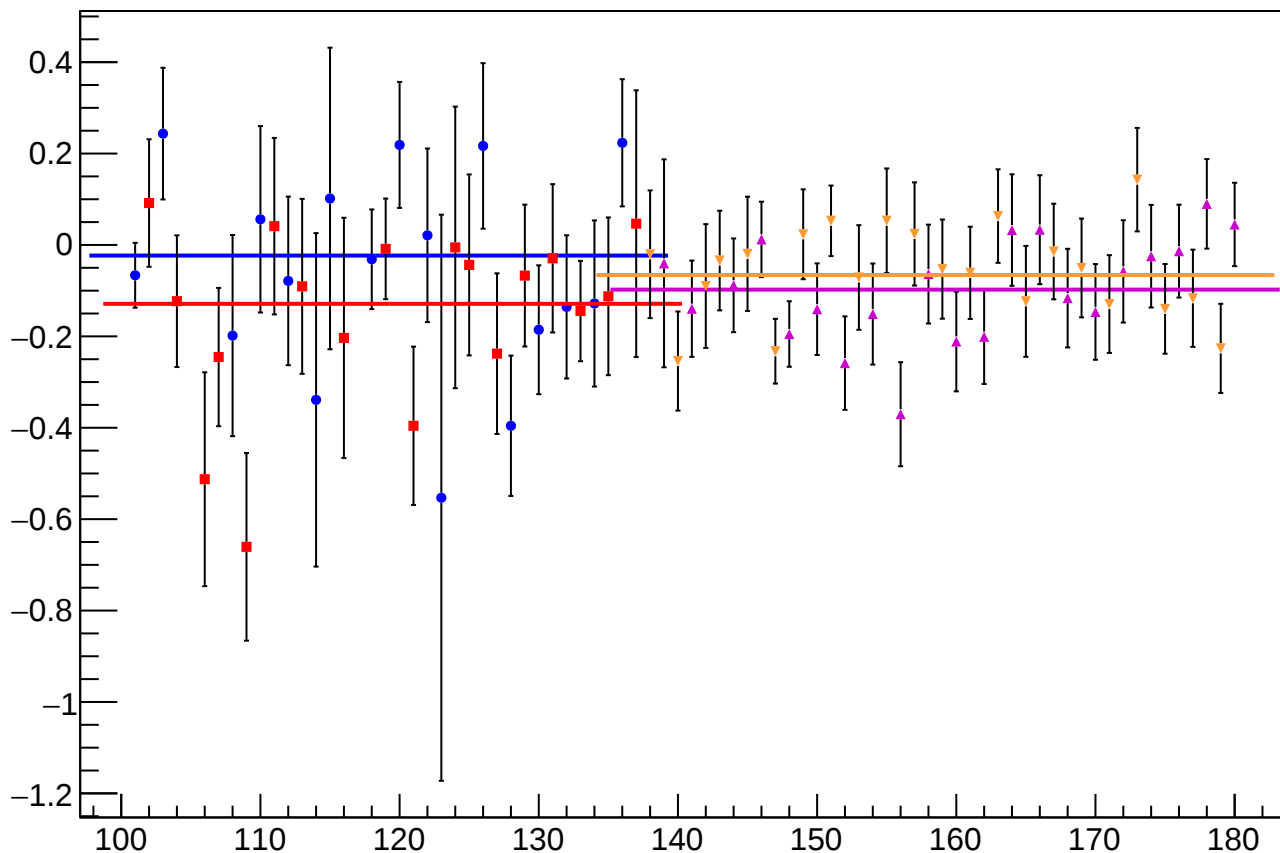
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.013 $\pm$ 0.029 χ^2 /NDF:22.2/20

Out: -0.002 $\pm$ 0.030 χ^2 /NDF:27.2/21

All: -0.008 $\pm$ 0.021 χ^2 /NDF: 49.4/42

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023+/-0.037 χ^2/NDF : 22.4/16

Left Out: -0.066+/-0.022 χ^2/NDF : 23.2/21

Right Out: -0.129+/-0.039 χ^2/NDF : 18.6/17

Left In: -0.098+/-0.023 χ^2/NDF : 24.6/20

Left: -0.081+/-0.016 χ^2/NDF : 48.8/42

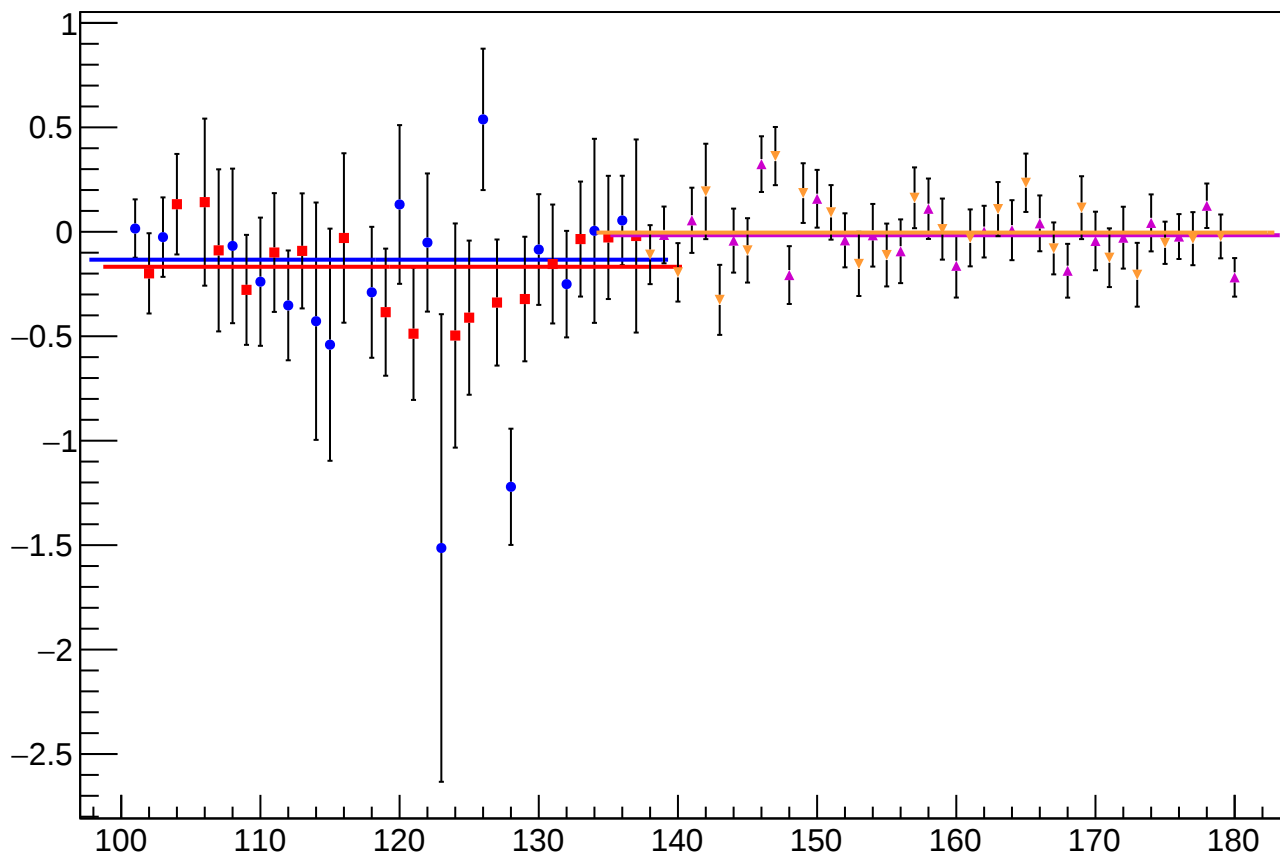
Right: -0.072+/-0.027 χ^2/NDF : 44.9/34

In: -0.077+/-0.019 χ^2/NDF : 50.0/37

Out: -0.081+/-0.019 χ^2/NDF : 43.7/39

All: -0.079+/-0.014 χ^2/NDF : 93.7/77

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.004 ± 0.029 χ^2/NDF : 26.6/21

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.016 ± 0.029 χ^2/NDF : 21.0/20

Left: -0.010 ± 0.021 χ^2/NDF : 47.7/42

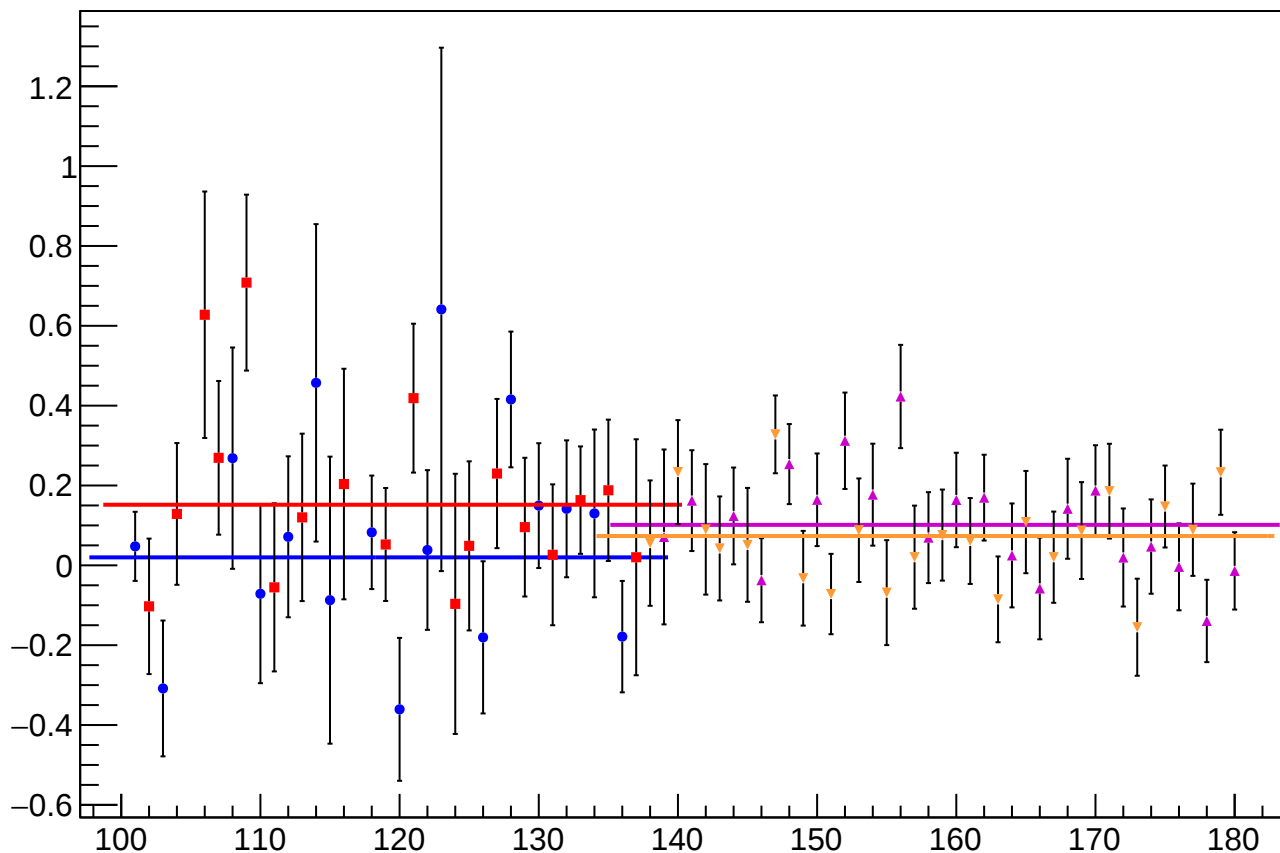
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.035 ± 0.026 χ^2/NDF : 49.3/37

Out: -0.028 ± 0.027 χ^2/NDF : 37.3/39

All: -0.031 ± 0.019 χ^2/NDF : 86.7/77

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.073 $\pm$ 0.025 χ^2/NDF : 22.4/21

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.101 $\pm$ 0.026 χ^2/NDF : 26.0/20

Left: 0.087 $\pm$ 0.018 χ^2/NDF : 49.0/42

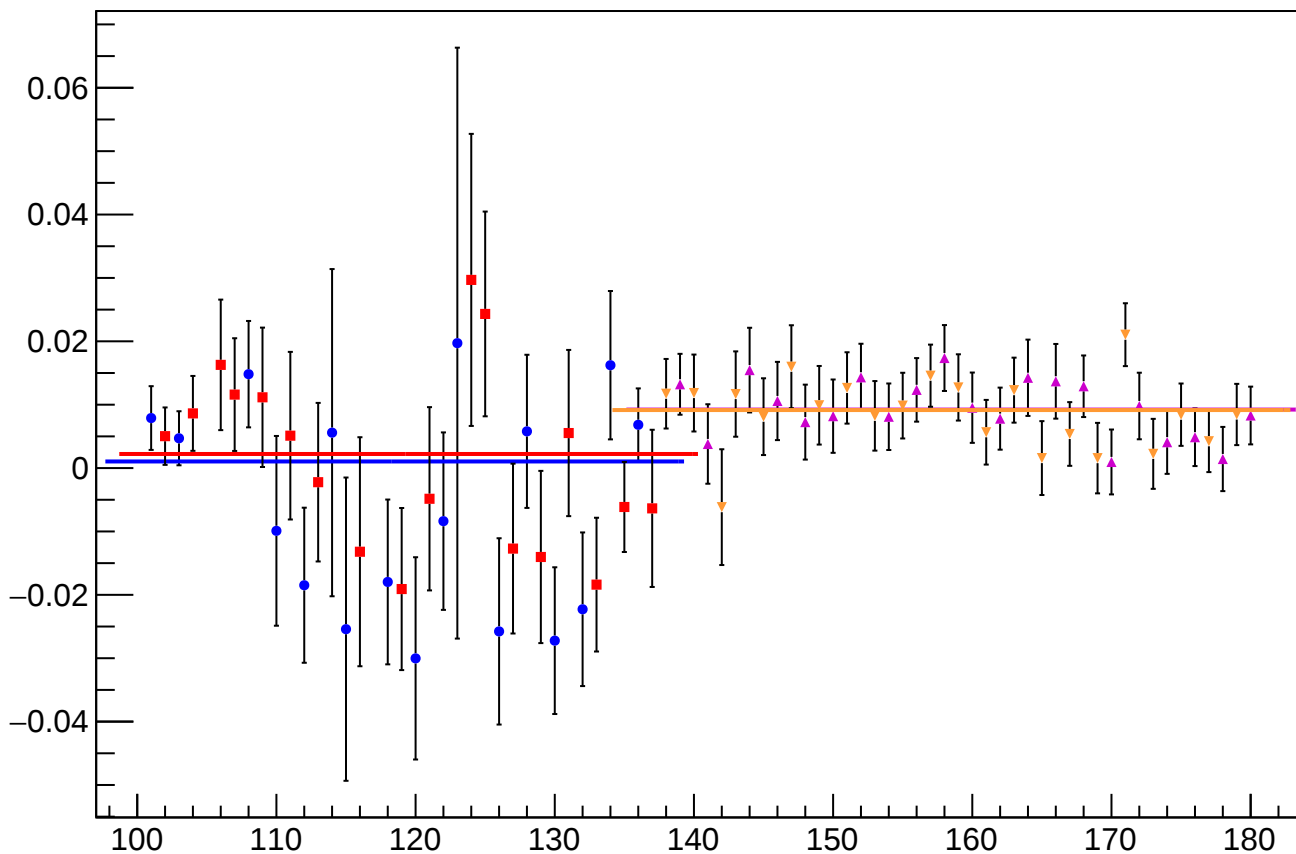
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.080 $\pm$ 0.022 χ^2/NDF : 50.5/37

Out: 0.092 $\pm$ 0.022 χ^2/NDF : 41.4/39

All: 0.086 $\pm$ 0.016 χ^2/NDF : 92.1/77

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF:20.0/21

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.2/20

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 35.2/42

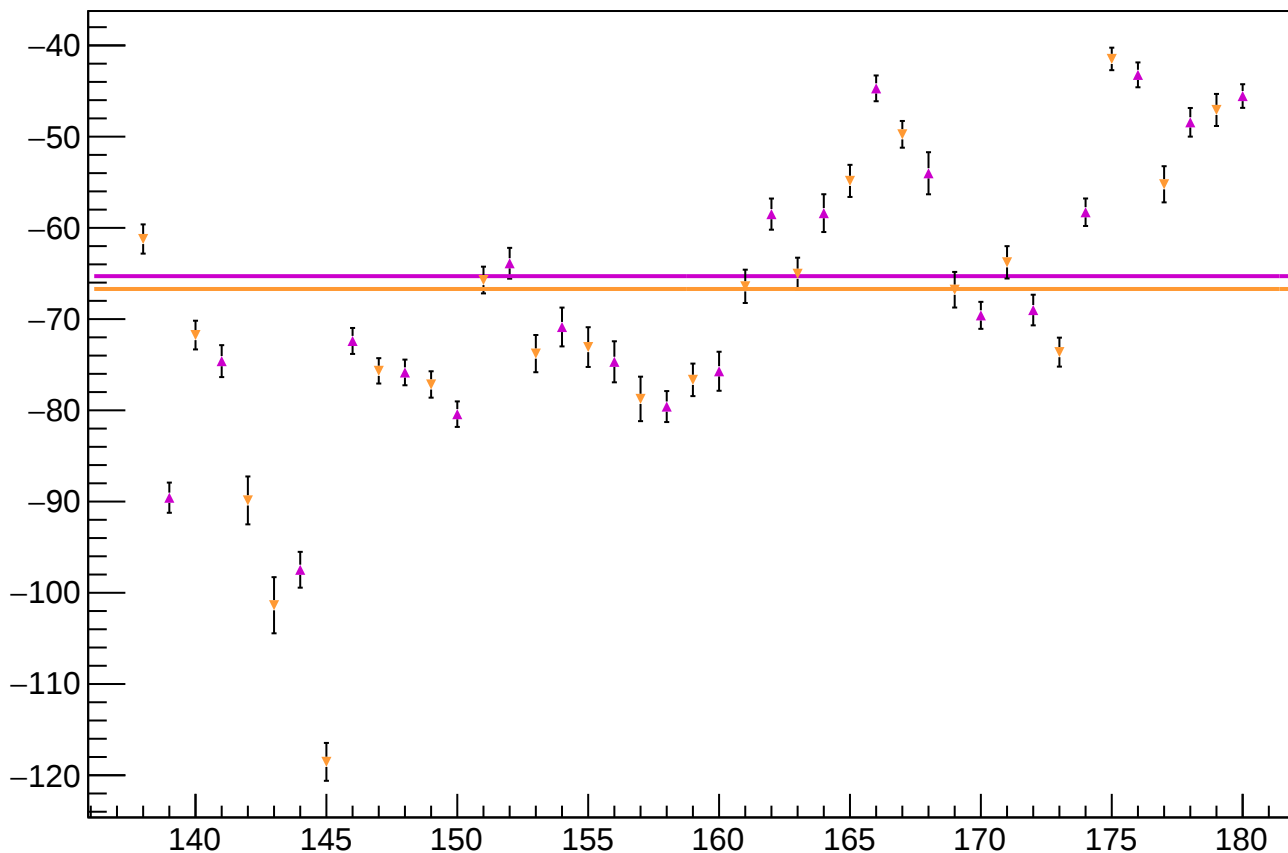
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:57.9/37

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:48.1/39

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 106.0/77

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



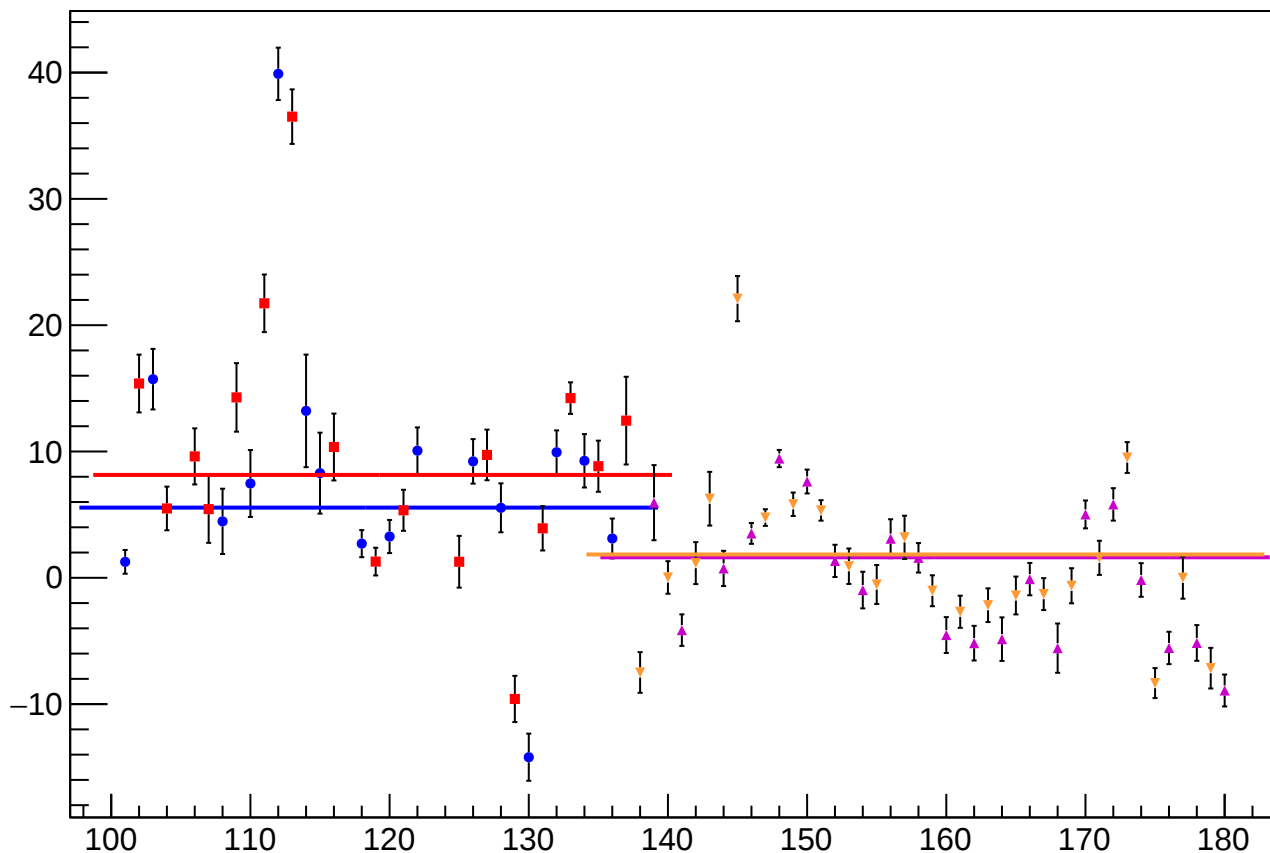
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -66.698+/-0.370 χ^2/NDF :1799.3/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -65.292+/-0.357 χ^2/NDF :1737.5/20

Left: -65.969+/-0.257 χ^2/NDF : 3544.3/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.292+/-0.357 χ^2/NDF :1737.5/20
 Out: -66.698+/-0.370 χ^2/NDF :1799.3/21

All: -65.969+/-0.257 χ^2/NDF : 3544.3/42

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: 1.847 ± 0.265 $\chi^2/\text{NDF}: 415.4/21$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 1.623 ± 0.265 $\chi^2/\text{NDF}: 423.8/20$

Left: 1.735 ± 0.187 $\chi^2/\text{NDF}: 839.6/42$

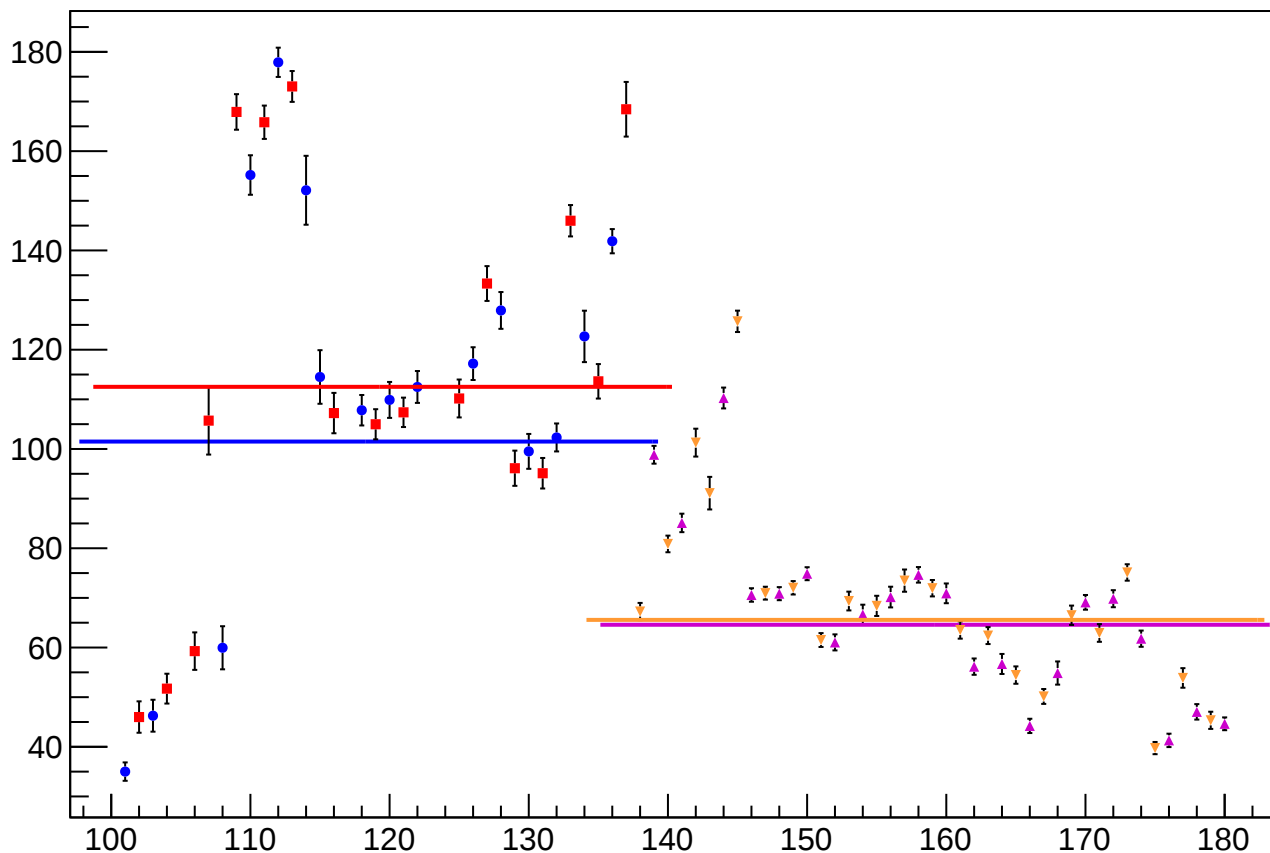
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 2.729 ± 0.225 $\chi^2/\text{NDF}: 947.7/36$

Out: 3.444 ± 0.229 $\chi^2/\text{NDF}: 965.7/38$

All: 3.081 ± 0.160 $\chi^2/\text{NDF}: 1918.3/75$

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: 65.571 $\pm$ 0.365 χ^2 /NDF:1966.2/21

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 64.590 $\pm$ 0.352 χ^2 /NDF:2073.4/20

Left: 65.062 $\pm$ 0.253 χ^2 /NDF: 4043.3/42

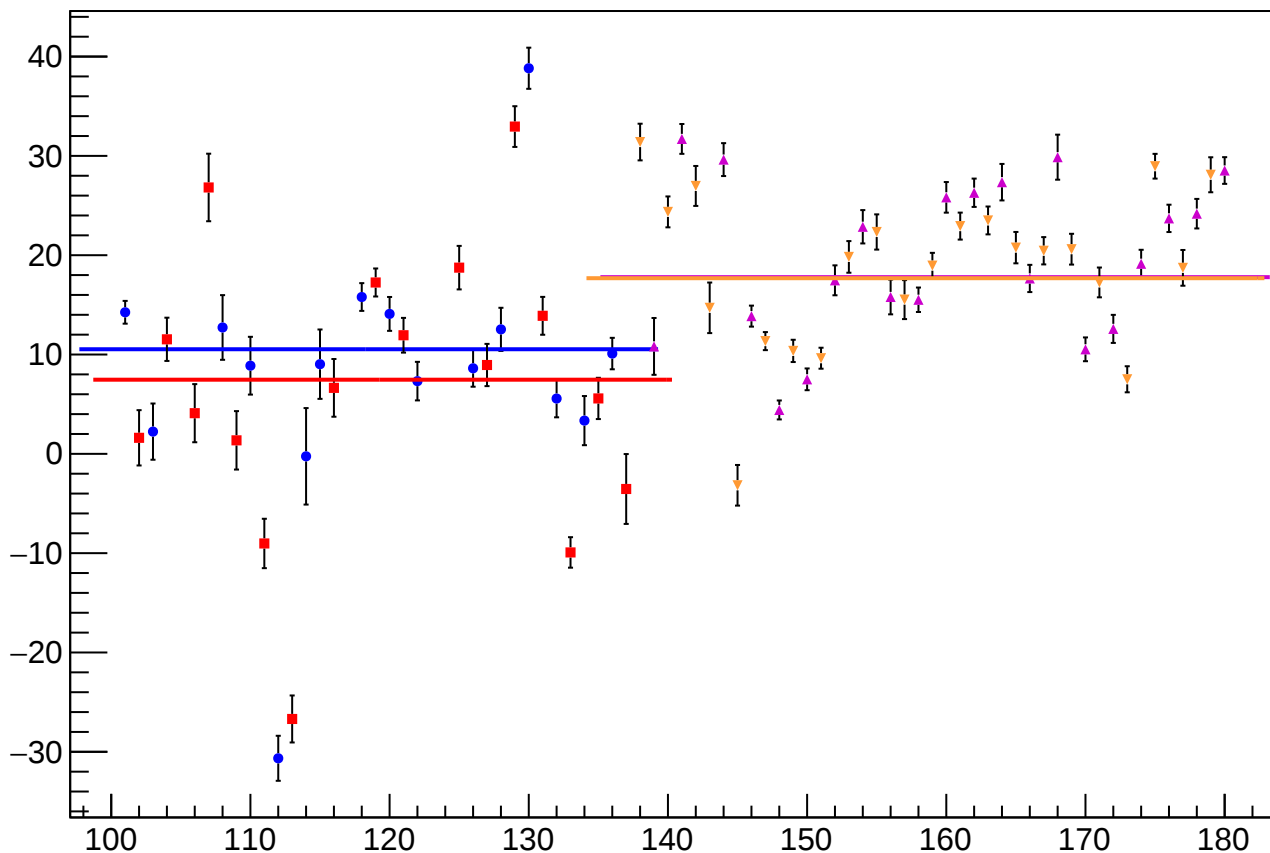
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 70.476 $\pm$ 0.323 χ^2 /NDF:6798.8/36

Out: 72.985 $\pm$ 0.335 χ^2 /NDF:6813.8/38

All: 71.684 $\pm$ 0.232 χ^2 /NDF: 13641.7/75

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 17.685 $\pm$ 0.308 χ^2 /NDF: 581.4/21

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 17.790 $\pm$ 0.306 χ^2 /NDF: 725.5/20

Left: 17.738 $\pm$ 0.217 χ^2 /NDF: 1307.0/42

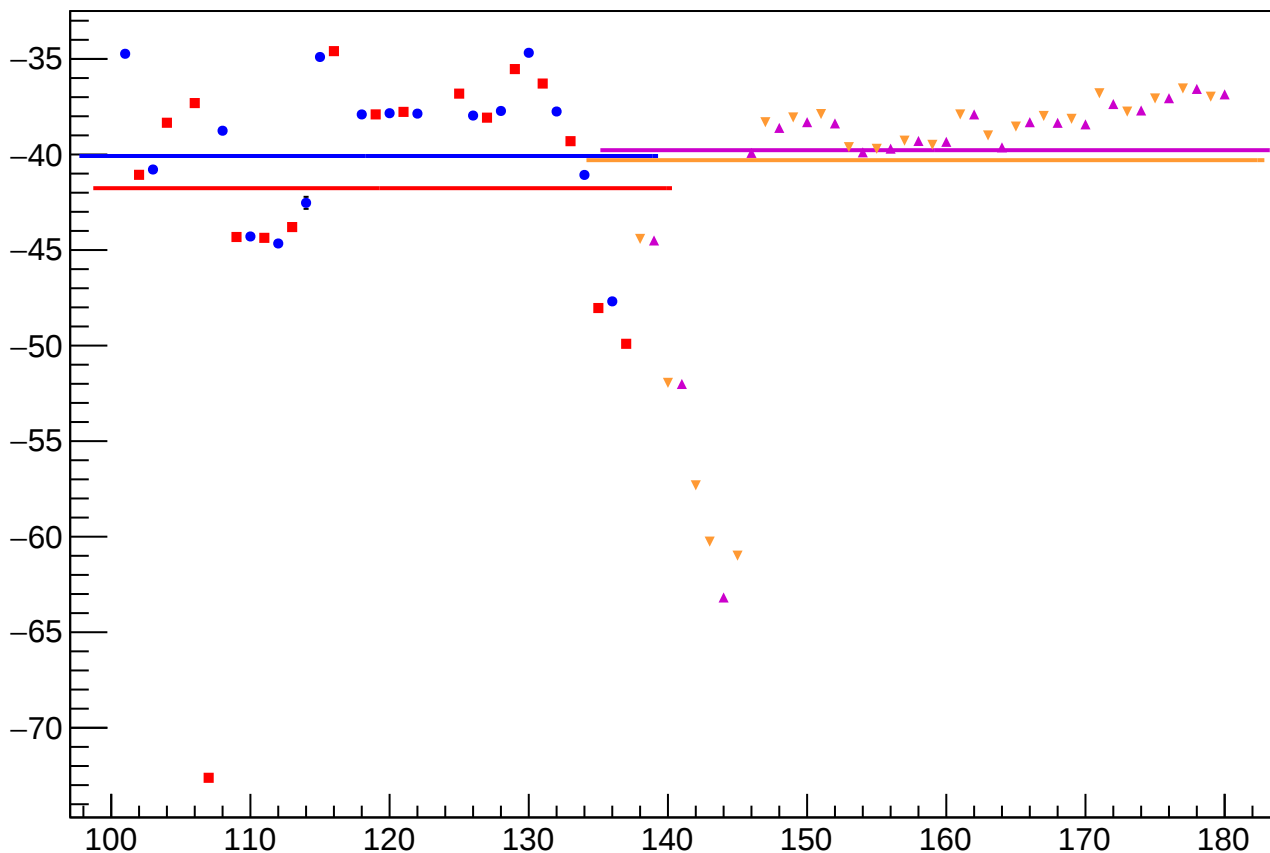
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 15.775 $\pm$ 0.260 χ^2 /NDF: 1462.5/36

Out: 15.065 $\pm$ 0.266 χ^2 /NDF: 1548.0/38

All: 15.429 $\pm$ 0.186 χ^2 /NDF: 3014.2/75

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: -40.298 ± 0.015 χ^2/NDF : 154351.0/21

Right Out: -41.764 ± 0.029 χ^2/NDF : 60249.3/16

Left In: -39.775 ± 0.014 χ^2/NDF : 109333.2/20

Left: -40.027 ± 0.010 χ^2/NDF : 264336.3/42

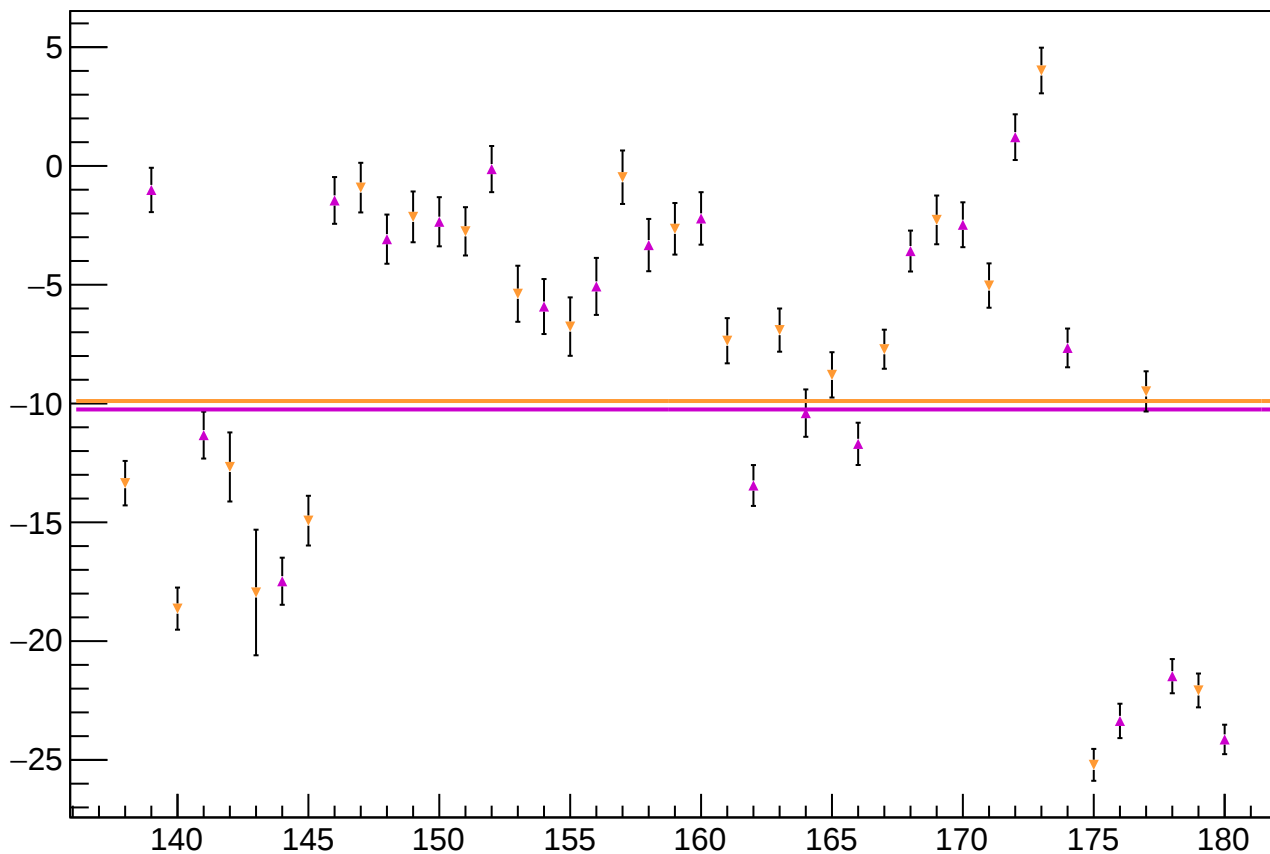
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -39.836 ± 0.013 χ^2/NDF : 134572.6/36

Out: -40.600 ± 0.013 χ^2/NDF : 216649.0/38

All: -40.207 ± 0.009 χ^2/NDF : 352971.8/75

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: -9.895 $\pm$ 0.207 χ^2 /NDF:1590.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.250 $\pm$ 0.199 χ^2 /NDF:1942.1/20

Left: -10.079 $\pm$ 0.143 χ^2 /NDF: 3533.8/42

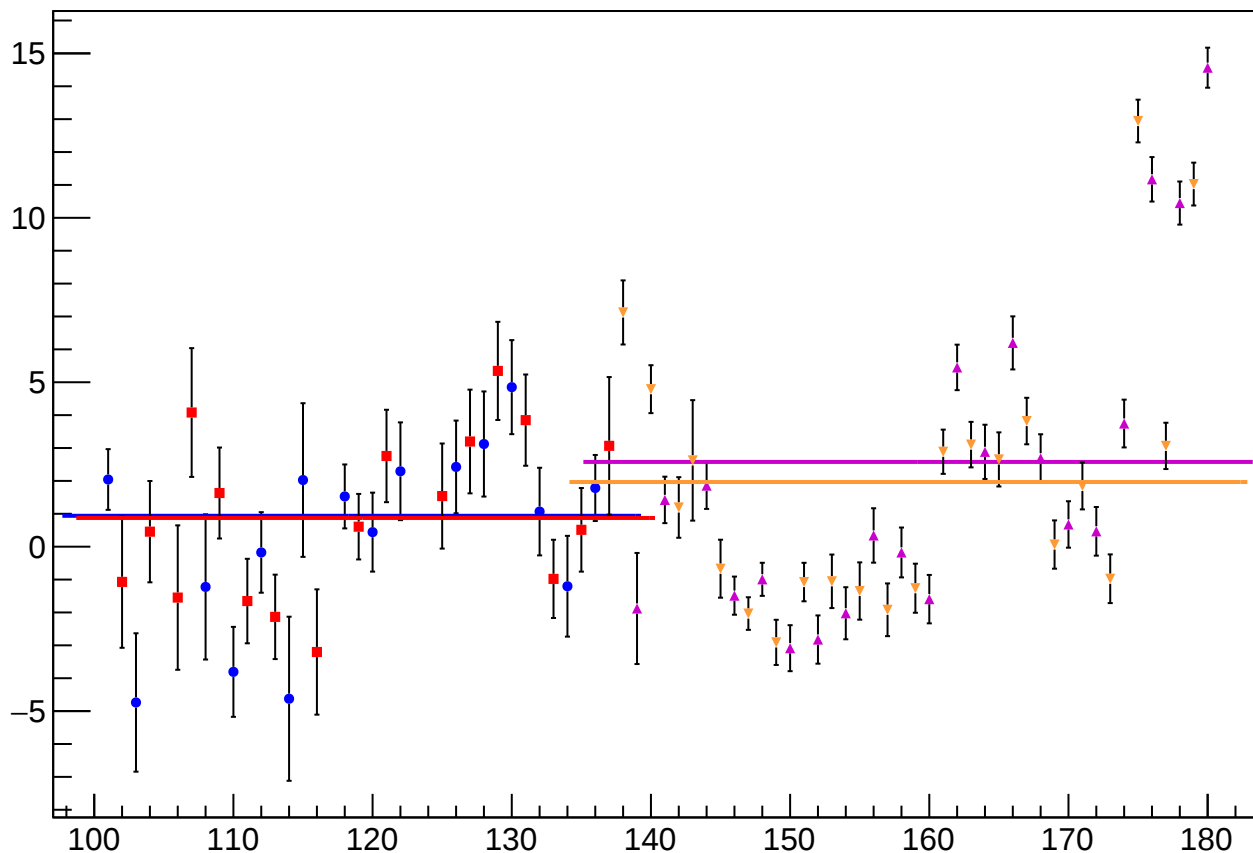
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -10.250 $\pm$ 0.199 χ^2 /NDF:1942.1/20

Out: -9.895 $\pm$ 0.207 χ^2 /NDF:1590.2/21

All: -10.079 $\pm$ 0.143 χ^2 /NDF: 3533.8/42

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: 1.966 ± 0.156 $\chi^2/\text{NDF}: 782.4/21$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 2.577 ± 0.155 $\chi^2/\text{NDF}: 1065.6/20$

Left: 2.274 ± 0.110 $\chi^2/\text{NDF}: 1855.8/42$

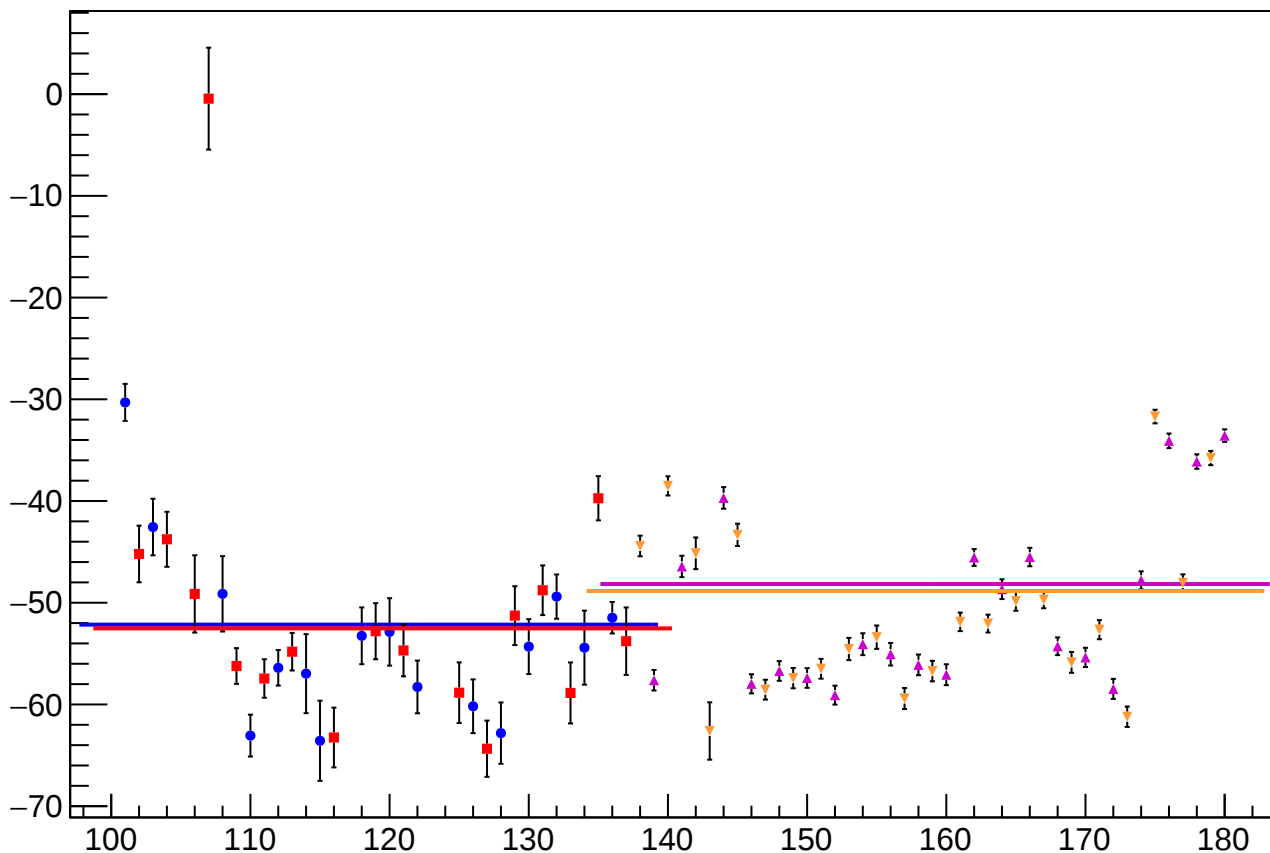
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 2.294 ± 0.141 $\chi^2/\text{NDF}: 1127.2/36$

Out: 1.789 ± 0.143 $\chi^2/\text{NDF}: 831.0/38$

All: 2.045 ± 0.100 $\chi^2/\text{NDF}: 1964.5/75$

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: -48.847 ± 0.205 χ^2/NDF : 1880.0/21

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -48.161 ± 0.197 χ^2/NDF : 2241.2/20

Left: -48.490 ± 0.142 χ^2/NDF : 4126.9/42

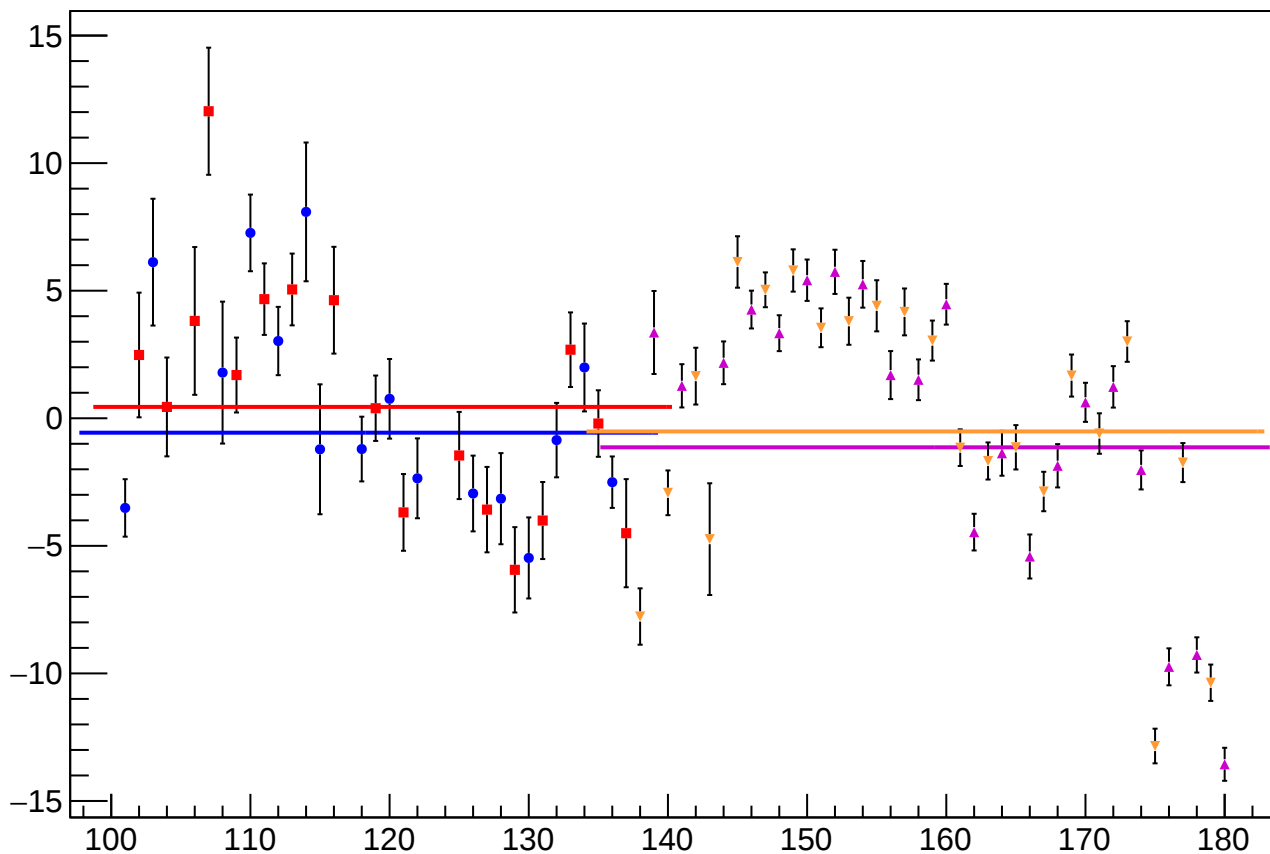
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -48.534 ± 0.187 χ^2/NDF : 2510.7/36

Out: -49.210 ± 0.194 χ^2/NDF : 2129.6/38

All: -48.860 ± 0.135 χ^2/NDF : 4646.5/75

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: -0.516 ± 0.177 χ^2/NDF : 909.9/21

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: -1.138 ± 0.175 χ^2/NDF : 1081.9/20

Left: -0.831 ± 0.125 χ^2/NDF : 1998.0/42

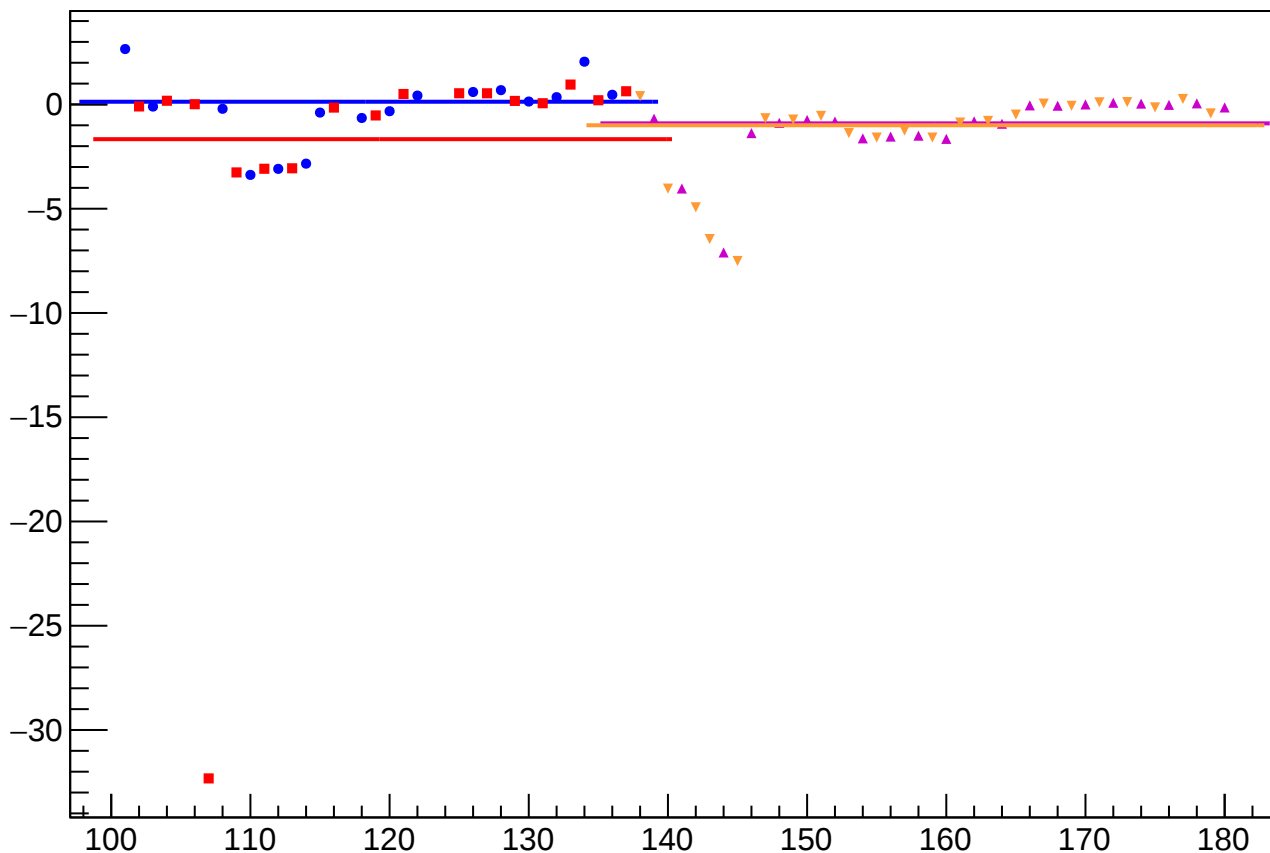
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -1.040 ± 0.159 χ^2/NDF : 1165.5/36

Out: -0.358 ± 0.162 χ^2/NDF : 1008.8/38

All: -0.705 ± 0.114 χ^2/NDF : 2183.3/75

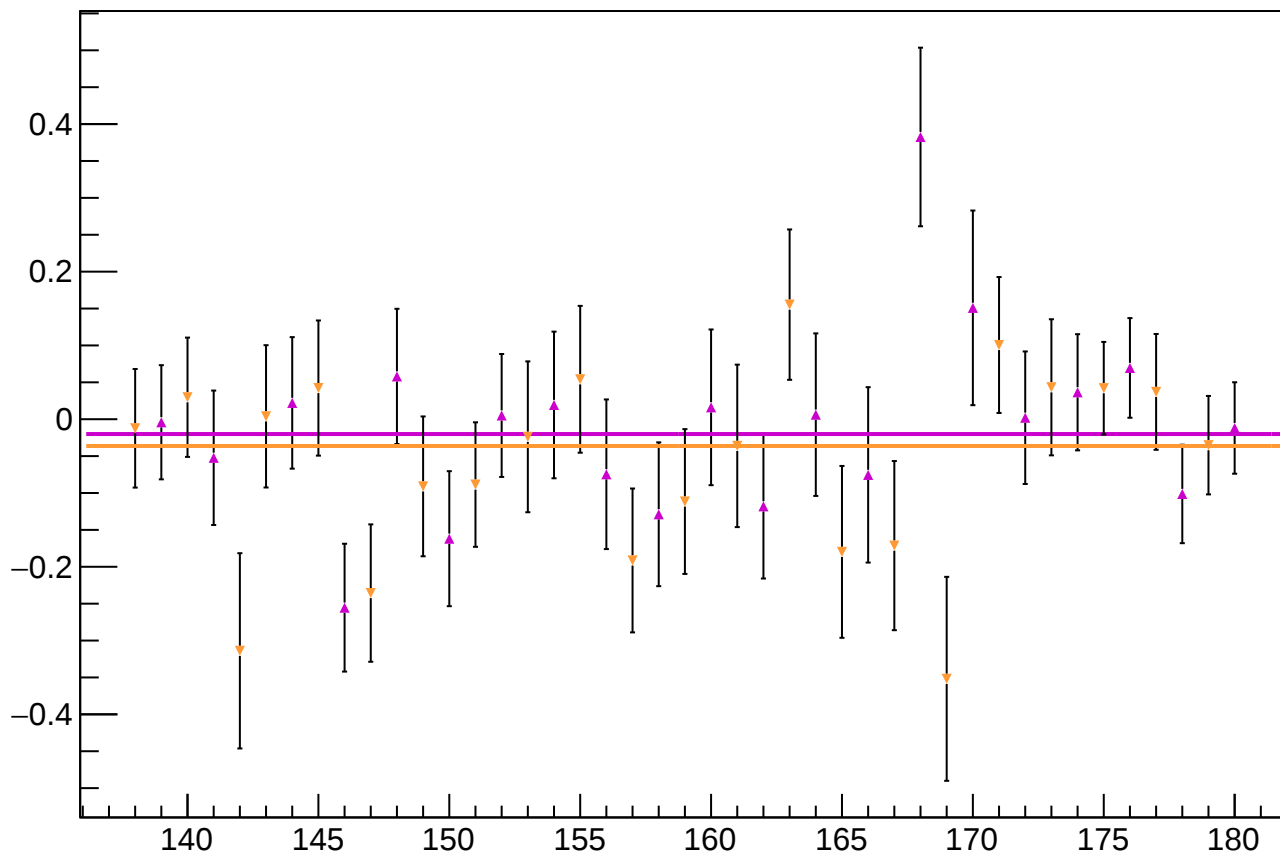
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.998 ± 0.008 $\chi^2/\text{NDF}: 42890.3/21$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.906 ± 0.008 $\chi^2/\text{NDF}: 30581.8/20$

Left: -0.951 ± 0.006 $\chi^2/\text{NDF}: 73536.4/42$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.782 ± 0.007 $\chi^2/\text{NDF}: 37858.6/36$
 Out: -1.079 ± 0.008 $\chi^2/\text{NDF}: 121307.3/38$
 All: -0.927 ± 0.005 $\chi^2/\text{NDF}: 159940.2/75$

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:32.4/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.020 $\pm$ 0.019 χ^2 /NDF:30.7/20

Left: -0.028 $\pm$ 0.014 χ^2 /NDF: 63.4/42

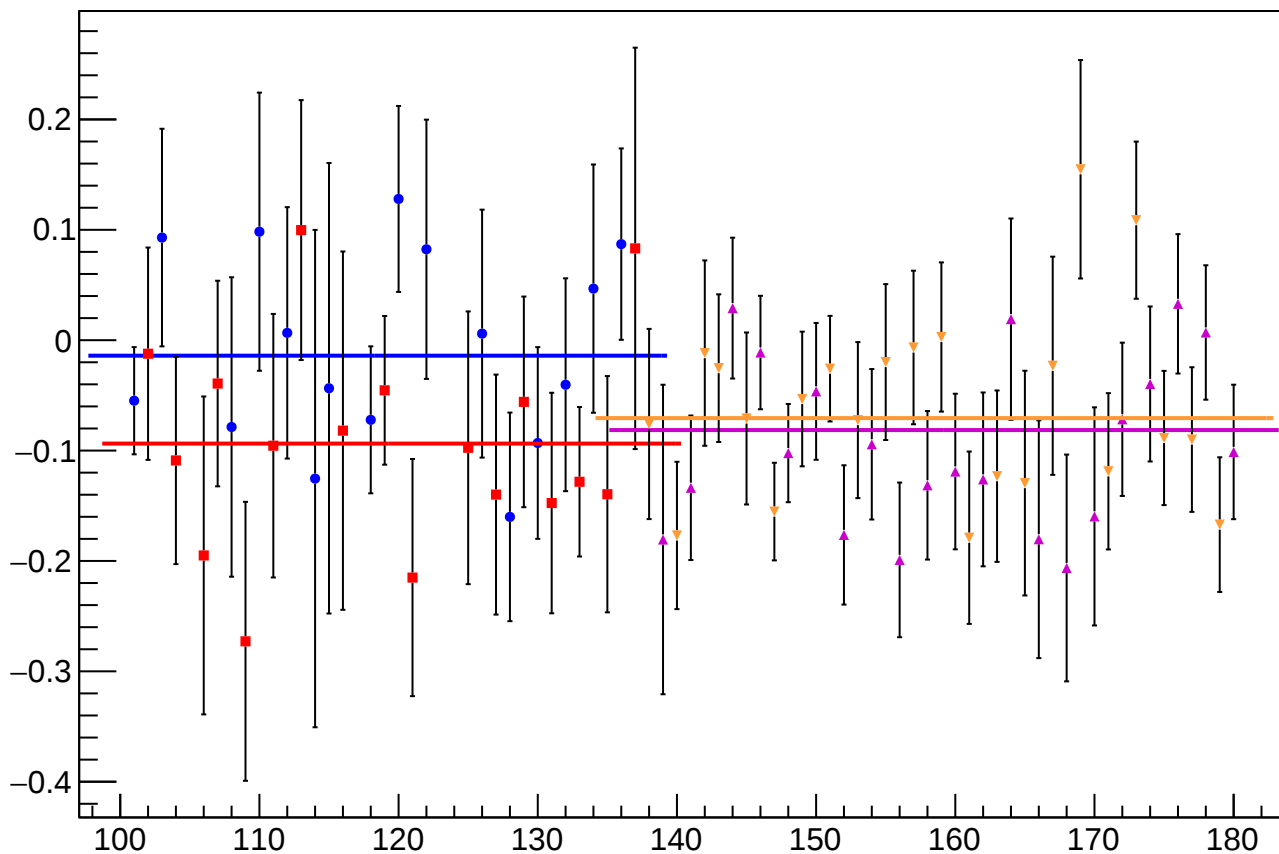
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.020 $\pm$ 0.019 χ^2 /NDF:30.7/20

Out: -0.036 $\pm$ 0.020 χ^2 /NDF:32.4/21

All: -0.028 $\pm$ 0.014 χ^2 /NDF: 63.4/42

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: -0.071 ± 0.015 χ^2/NDF : 28.3/21

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.081 ± 0.015 χ^2/NDF : 22.9/20

Left: -0.076 ± 0.010 χ^2/NDF : 51.4/42

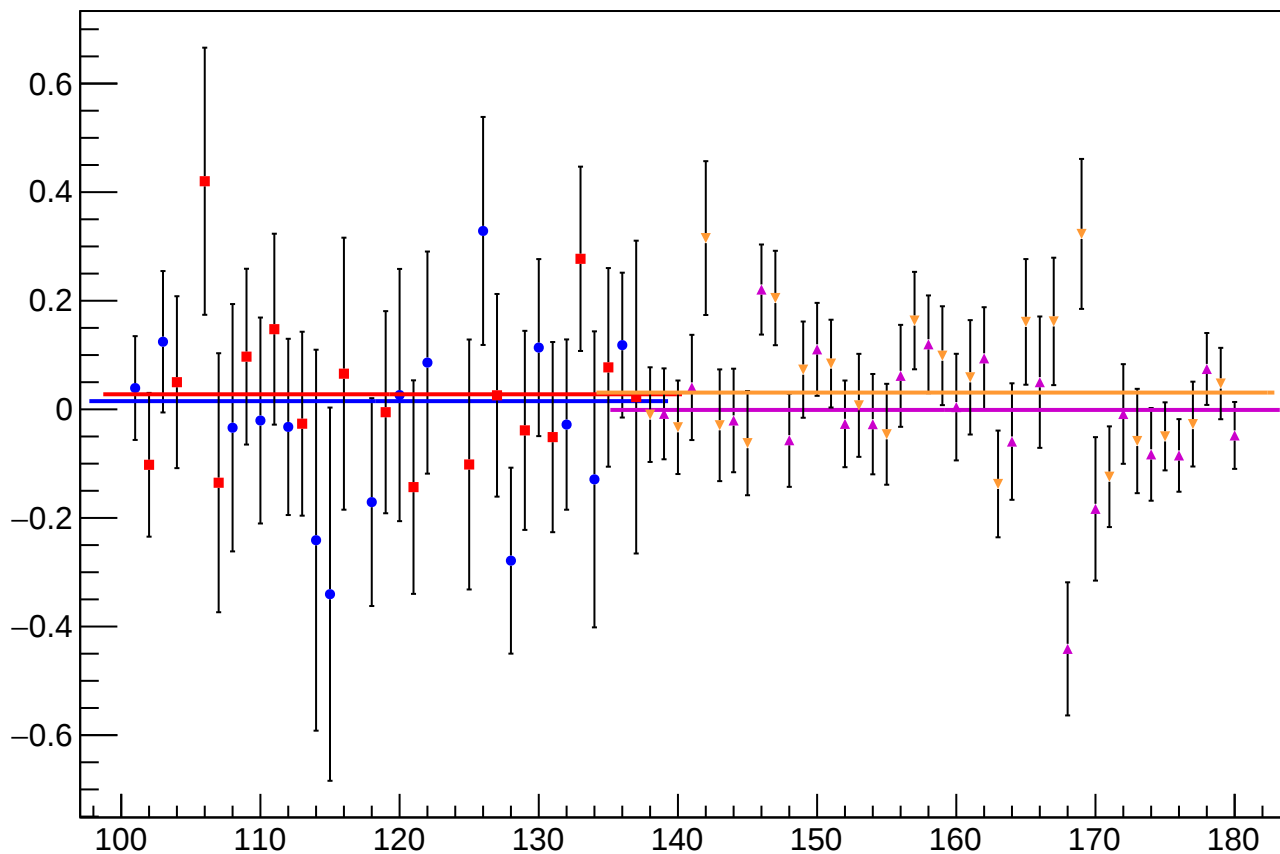
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.062 ± 0.013 χ^2/NDF : 41.3/36

Out: -0.076 ± 0.013 χ^2/NDF : 39.0/38

All: -0.069 ± 0.009 χ^2/NDF : 81.0/75

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: 0.031 $\pm$ 0.019 χ^2 /NDF:30.2/21

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: -0.001 $\pm$ 0.019 χ^2 /NDF:32.6/20

Left: 0.015 $\pm$ 0.014 χ^2 /NDF: 64.1/42

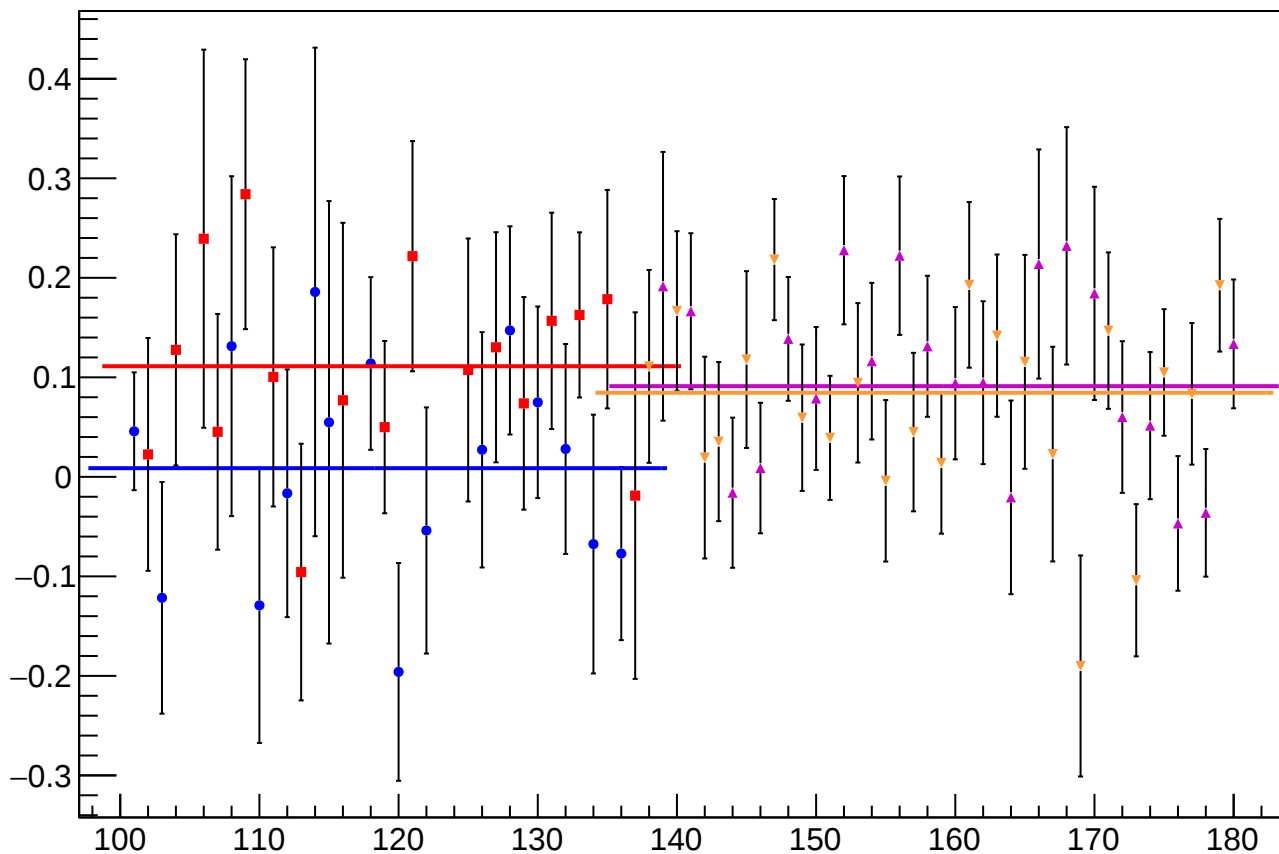
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.002 $\pm$ 0.017 χ^2 /NDF:42.8/36

Out: 0.030 $\pm$ 0.018 χ^2 /NDF:38.6/38

All: 0.016 $\pm$ 0.012 χ^2 /NDF: 82.7/75

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: 0.084 $\pm$ 0.017 χ^2 /NDF: 28.1/21

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.091 $\pm$ 0.017 χ^2 /NDF: 25.8/20

Left: 0.088 $\pm$ 0.012 χ^2 /NDF: 54.0/42

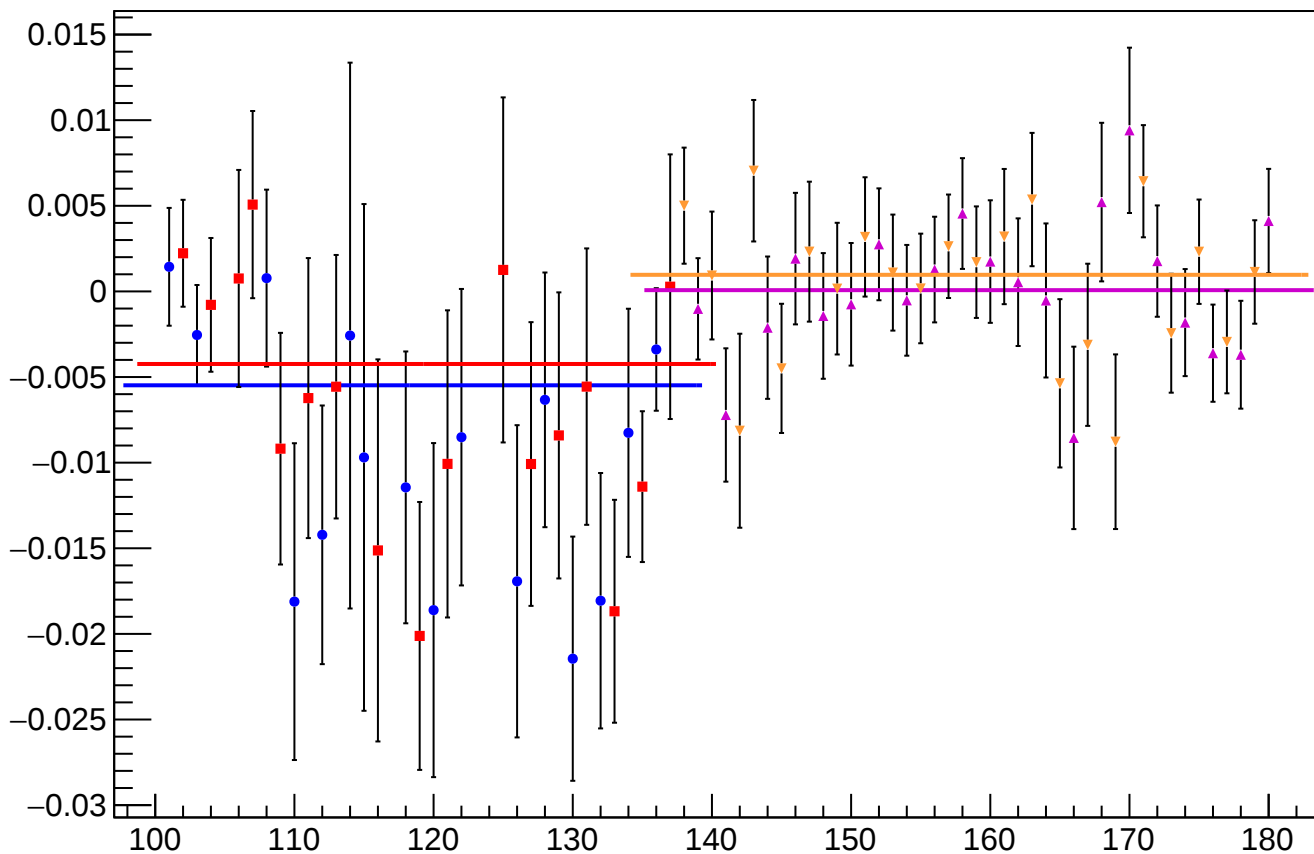
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.068 $\pm$ 0.014 χ^2 /NDF: 45.1/36

Out: 0.091 $\pm$ 0.014 χ^2 /NDF: 37.4/38

All: 0.079 $\pm$ 0.010 χ^2 /NDF: 83.8/75

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 : 22.5/21

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 20.5/20

Left: 0.001 ± 0.001 χ^2/NDF : 43.7/42

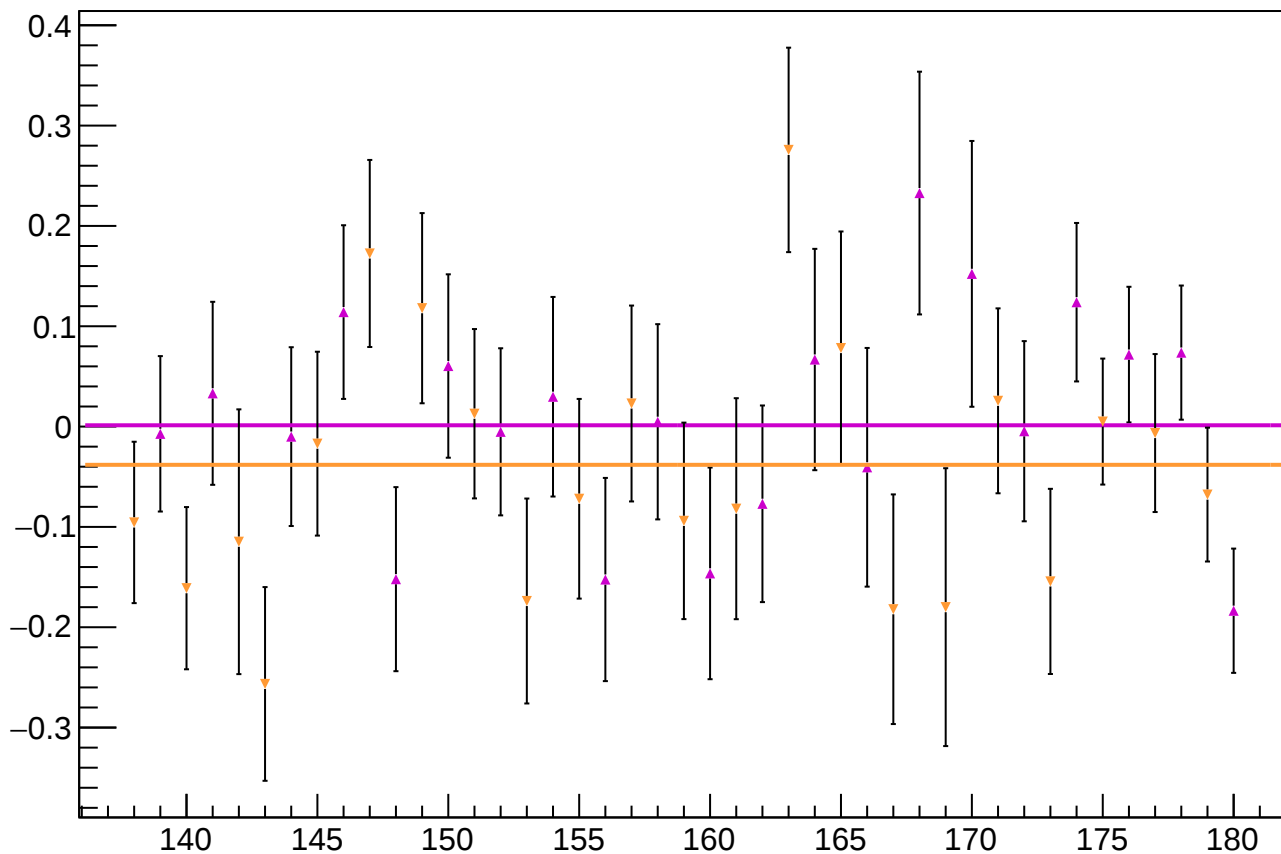
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 54.4/36

Out: -0.000 ± 0.001 χ^2/NDF : 56.1/38

All: -0.001 ± 0.000 χ^2/NDF : 111.5/75

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: -0.038 $\pm$ 0.020 χ^2 /NDF:35.3/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Left: -0.018 $\pm$ 0.014 χ^2 /NDF: 66.4/42

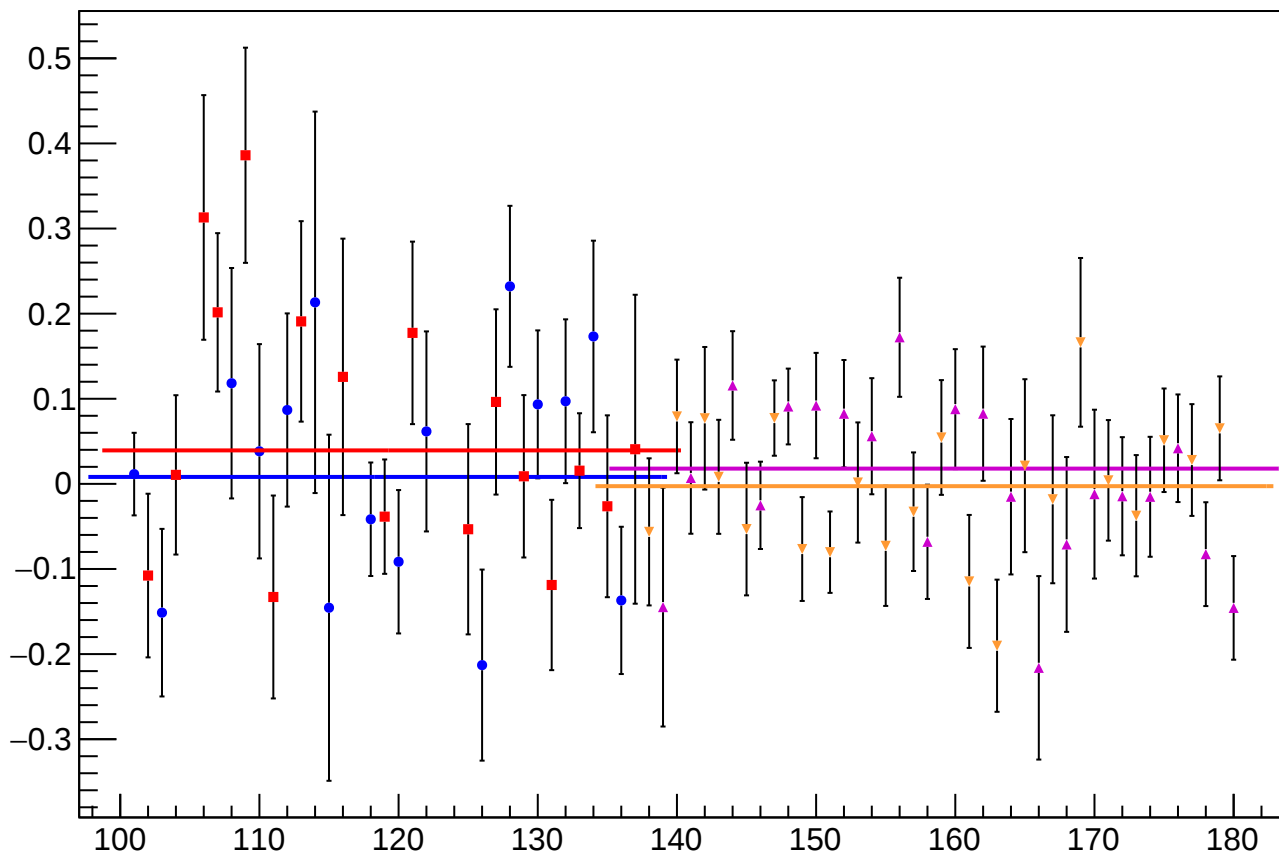
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Out: -0.038 $\pm$ 0.020 χ^2 /NDF:35.3/21

All: -0.018 $\pm$ 0.014 χ^2 /NDF: 66.4/42

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: -0.003 ± 0.015 χ^2/NDF : 25.9/21

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.018 ± 0.015 χ^2/NDF : 34.3/20

Left: 0.007 ± 0.010 χ^2/NDF : 61.1/42

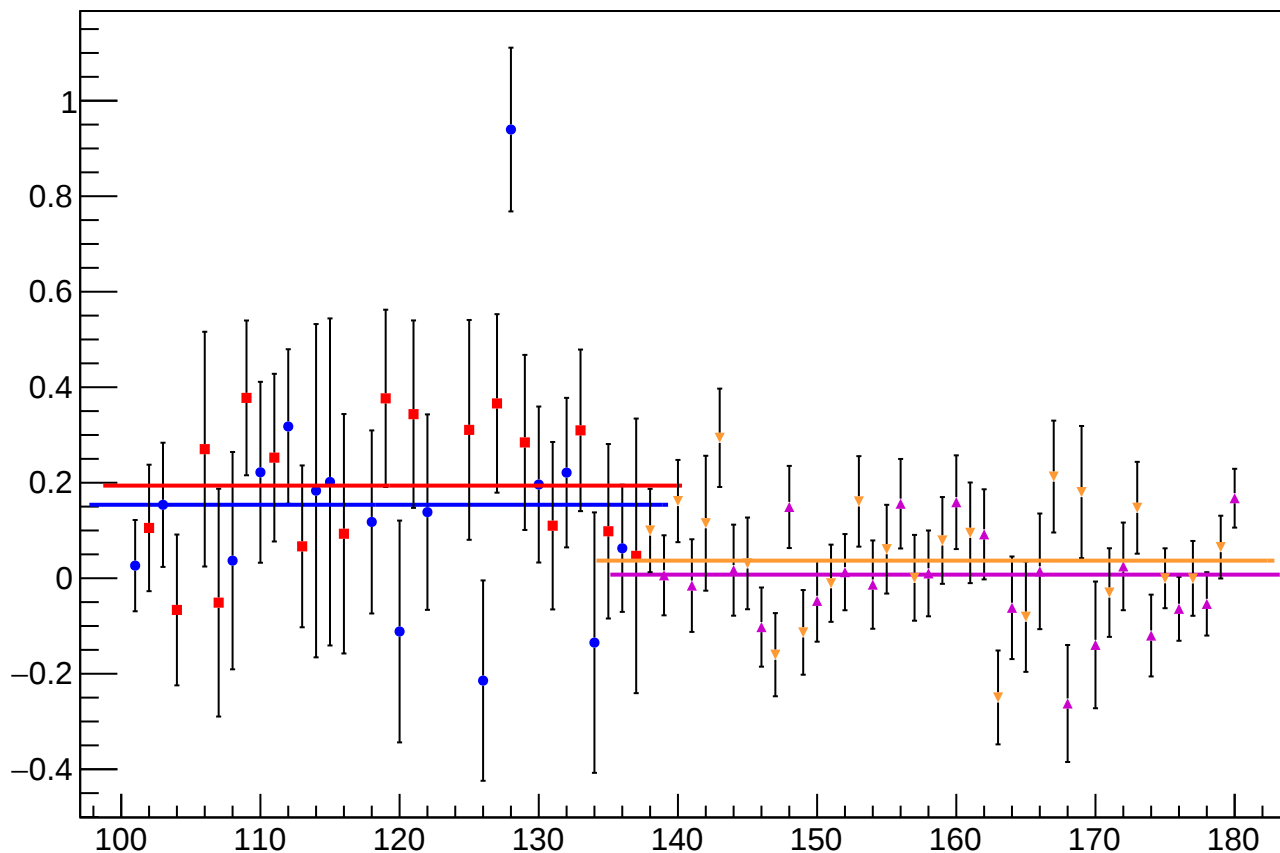
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.015 ± 0.013 χ^2/NDF : 58.1/36

Out: 0.008 ± 0.013 χ^2/NDF : 55.6/38

All: 0.012 ± 0.009 χ^2/NDF : 113.8/75

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.037 $\pm$ 0.019 χ^2 /NDF:35.4/21

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.008 $\pm$ 0.019 χ^2 /NDF:28.2/20

Left: 0.022 $\pm$ 0.014 χ^2 /NDF: 64.8/42

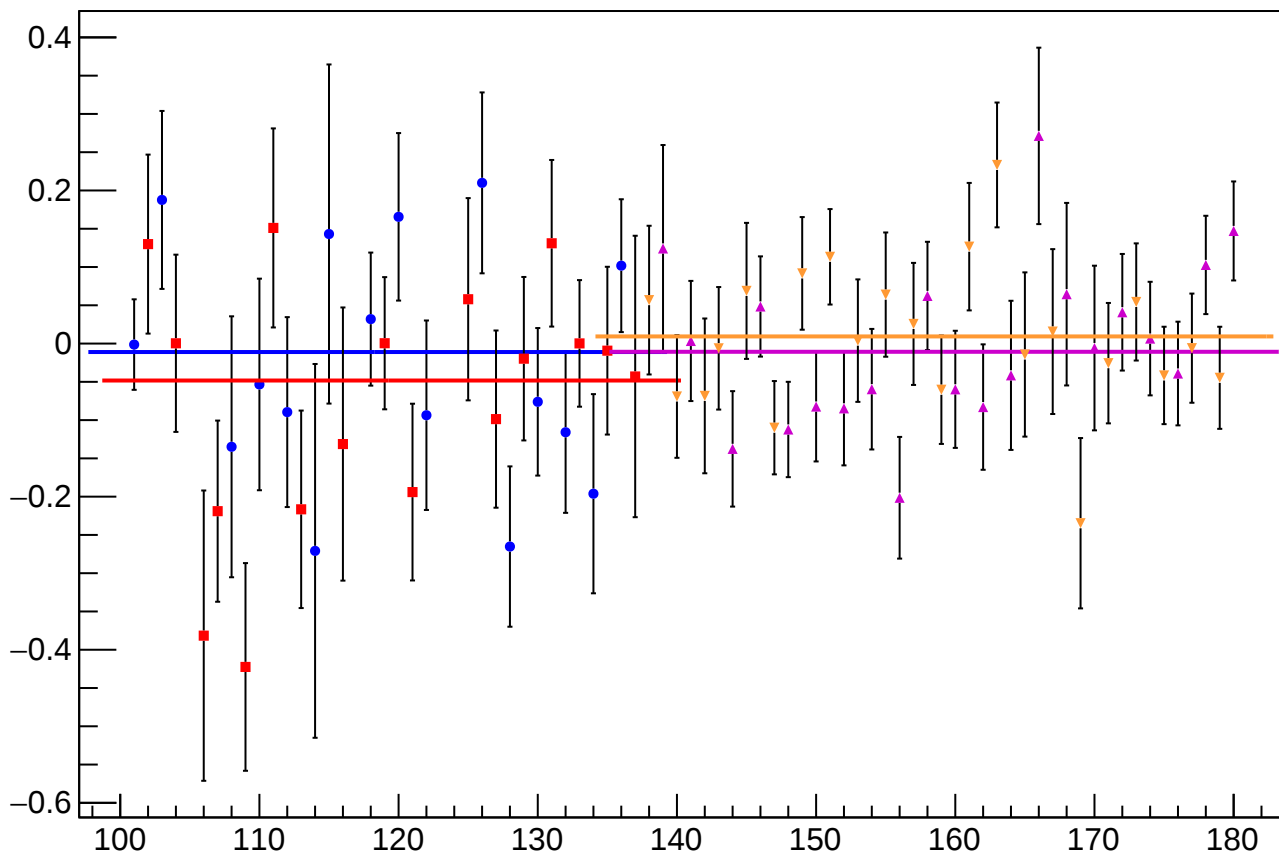
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.032 $\pm$ 0.017 χ^2 /NDF:68.5/36

Out: 0.061 $\pm$ 0.018 χ^2 /NDF:56.3/38

All: 0.046 $\pm$ 0.012 χ^2 /NDF: 126.2/75

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 $\chi^2/\text{NDF}: 23.4/15$

Left Out: 0.009 ± 0.017 $\chi^2/\text{NDF}: 27.9/21$

Right Out: -0.048 ± 0.029 $\chi^2/\text{NDF}: 25.6/16$

Left In: -0.011 ± 0.017 $\chi^2/\text{NDF}: 34.0/20$

Left: -0.001 ± 0.012 $\chi^2/\text{NDF}: 62.6/42$

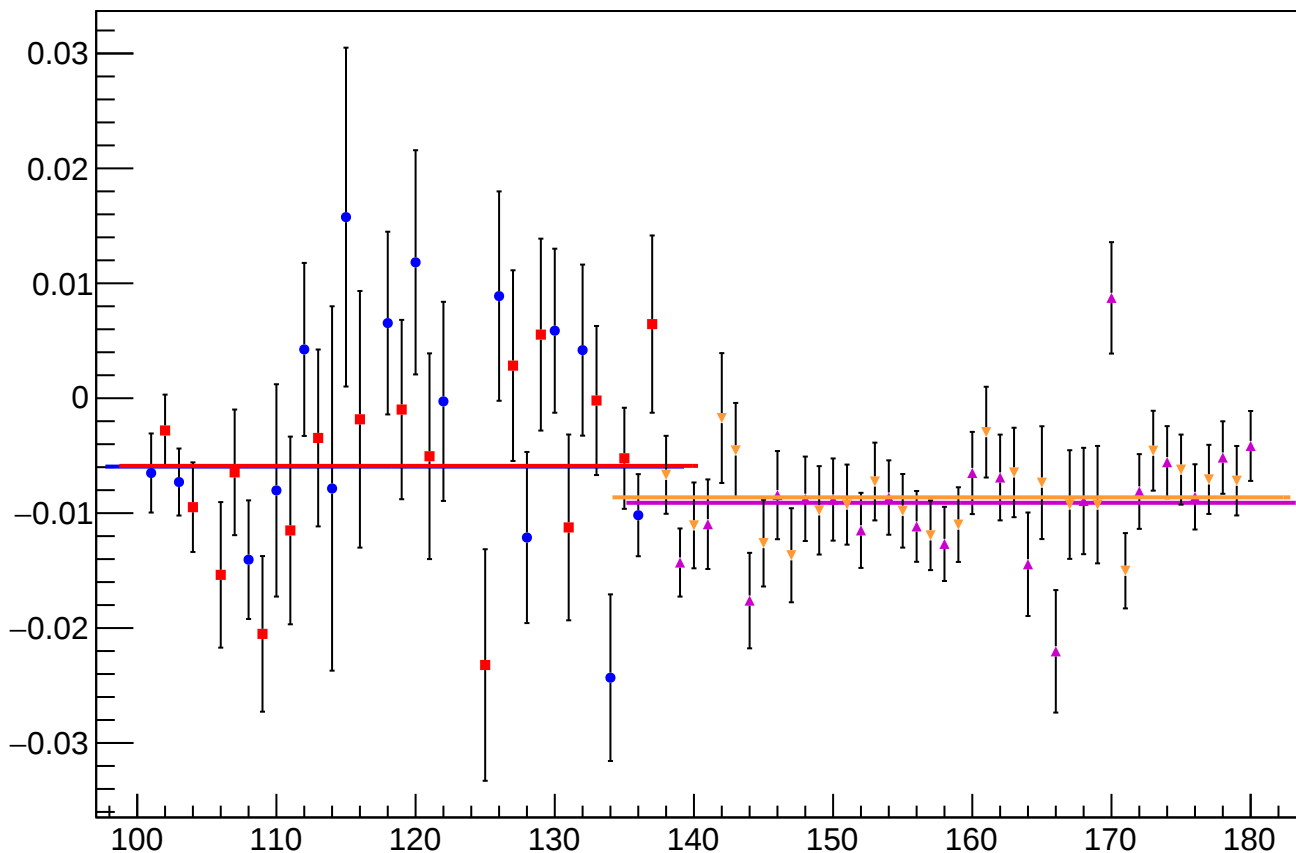
Right: -0.029 ± 0.020 $\chi^2/\text{NDF}: 49.9/32$

In: -0.011 ± 0.014 $\chi^2/\text{NDF}: 57.4/36$

Out: -0.005 ± 0.014 $\chi^2/\text{NDF}: 56.5/38$

All: -0.008 ± 0.010 $\chi^2/\text{NDF}: 113.9/75$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 $\pm$ 0.001 χ^2/NDF : 16.8/21

Right Out: -0.006 $\pm$ 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 $\pm$ 0.001 χ^2/NDF : 37.1/20

Left: -0.009 $\pm$ 0.001 χ^2/NDF : 54.0/42

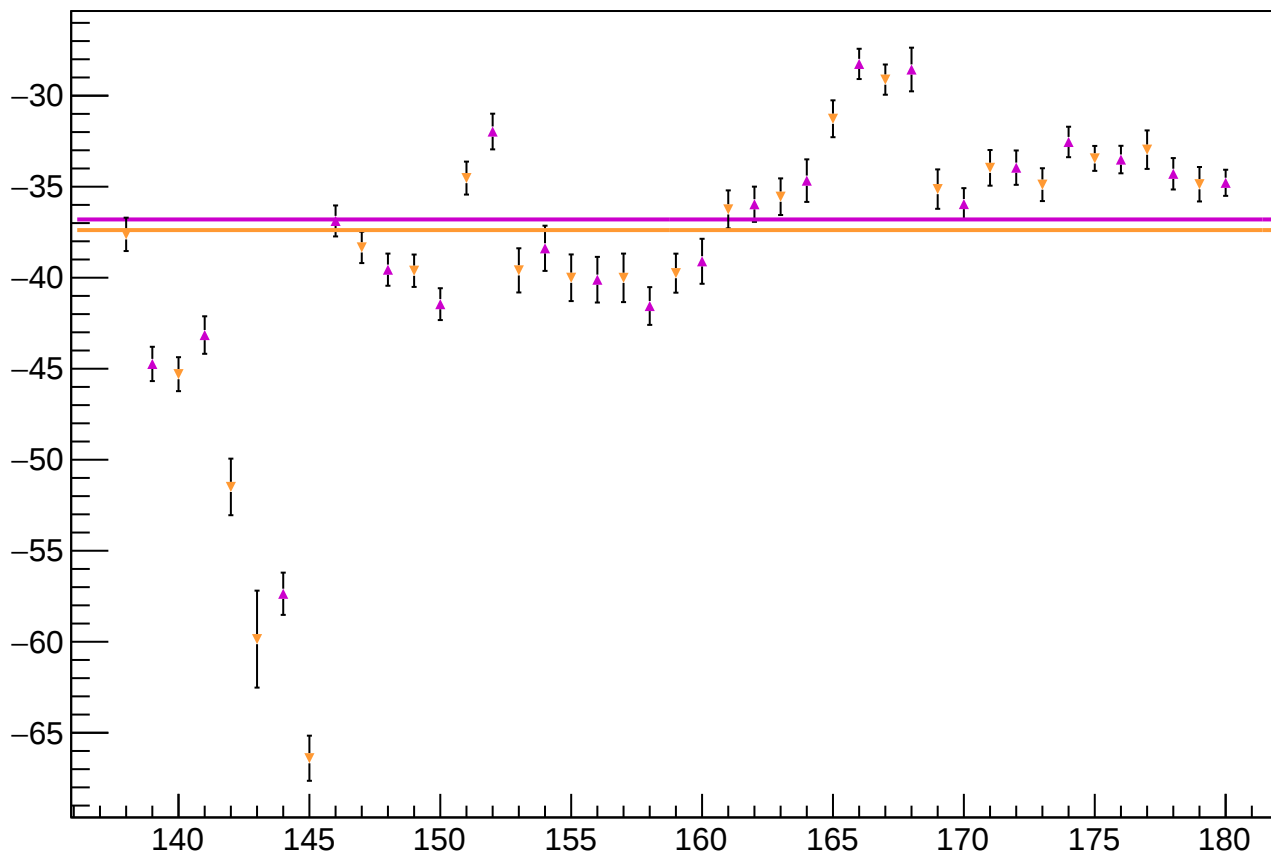
Right: -0.006 $\pm$ 0.001 χ^2/NDF : 48.3/32

In: -0.008 $\pm$ 0.001 χ^2/NDF : 69.5/36

Out: -0.008 $\pm$ 0.001 χ^2/NDF : 39.1/38

All: -0.008 $\pm$ 0.000 χ^2/NDF : 108.8/75

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: -37.384+/-0.215 χ^2/NDF :1029.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.799+/-0.206 χ^2/NDF :746.4/20

Left: -37.080+/-0.149 χ^2/NDF : 1779.5/42

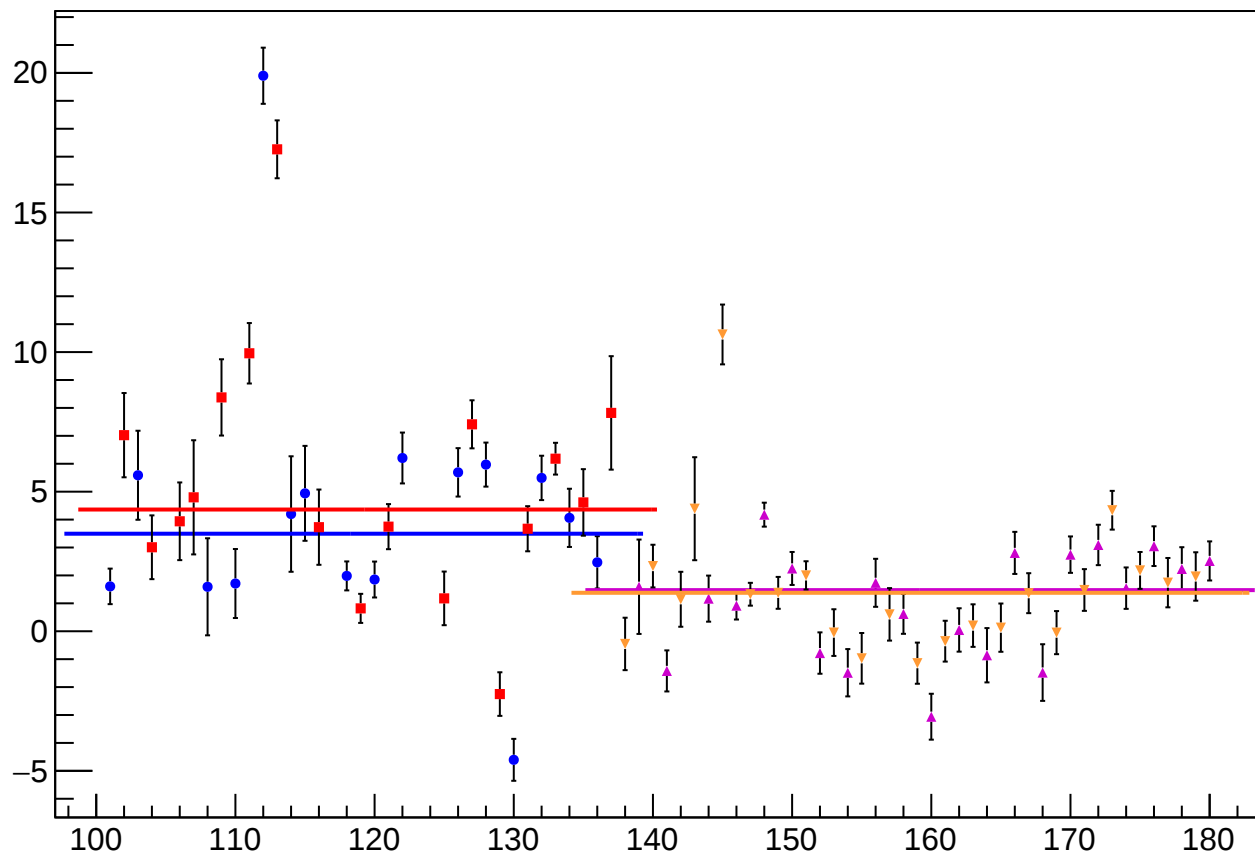
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.799+/-0.206 χ^2/NDF :746.4/20

Out: -37.384+/-0.215 χ^2/NDF :1029.2/21

All: -37.080+/-0.149 χ^2/NDF : 1779.5/42

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.378 $\pm$ 0.156 χ^2 /NDF:140.0/21

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.473 $\pm$ 0.156 χ^2 /NDF:149.3/20

Left: 1.426 $\pm$ 0.110 χ^2 /NDF: 289.5/42

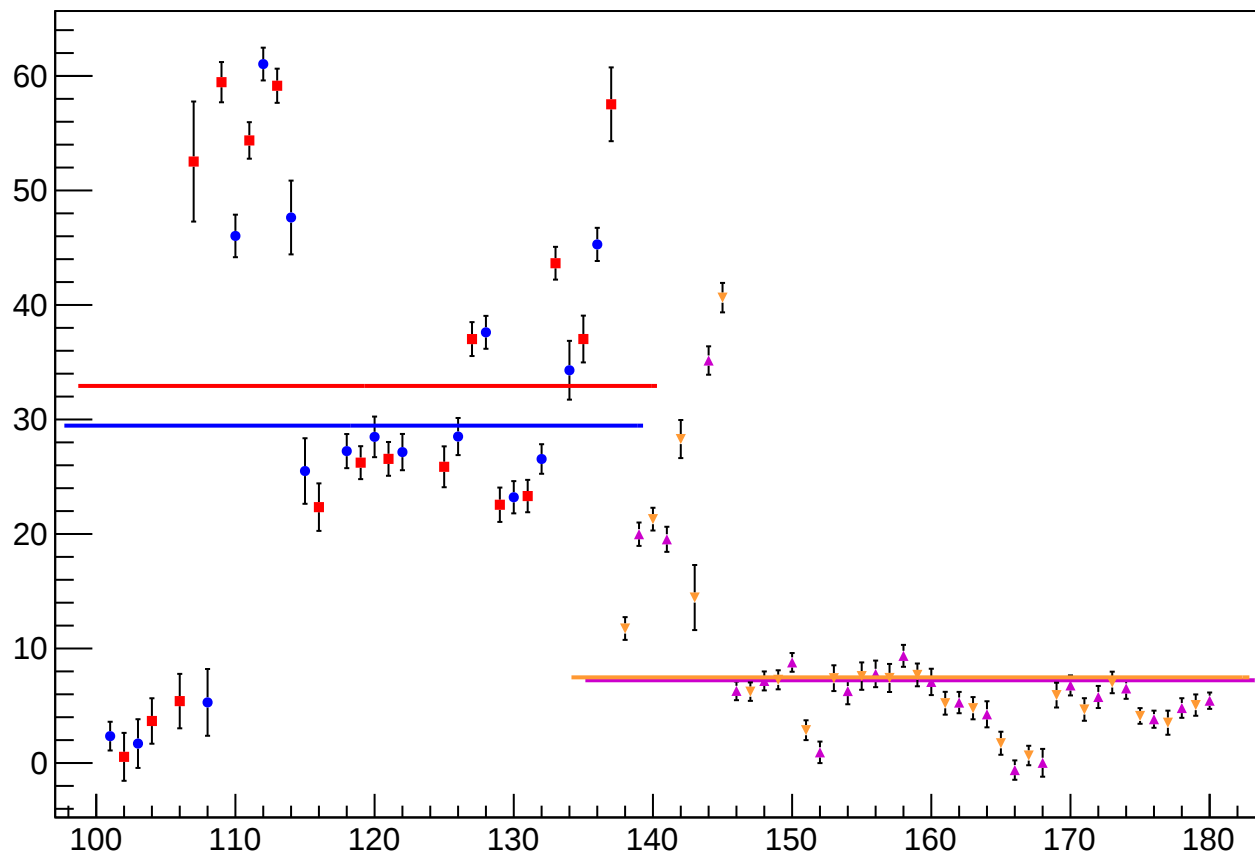
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.158 $\pm$ 0.127 χ^2 /NDF:651.2/36

Out: 2.347 $\pm$ 0.128 χ^2 /NDF:609.2/38

All: 2.251 $\pm$ 0.090 χ^2 /NDF: 1261.5/75

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 7.480+/-0.212 χ^2/NDF :1235.6/21

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 7.226+/-0.204 χ^2/NDF :1014.8/20

Left: 7.348+/-0.147 χ^2/NDF : 2251.2/42

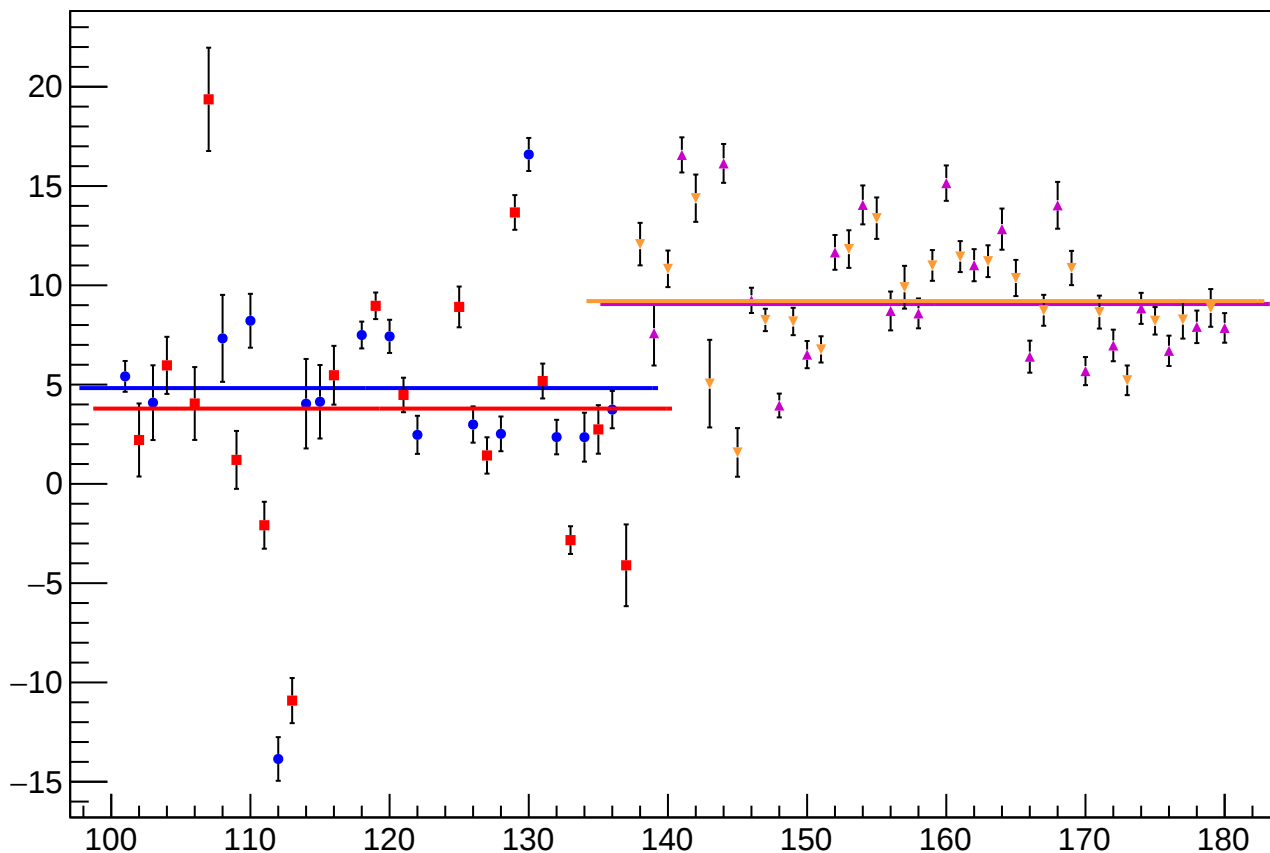
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 11.504+/-0.183 χ^2/NDF :4797.2/36

Out: 12.579+/-0.190 χ^2/NDF :5747.8/38

All: 12.023+/-0.132 χ^2/NDF : 10561.7/75

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: 9.206 $\pm$ 0.181 χ^2 /NDF:172.0/21

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.057 $\pm$ 0.178 χ^2 /NDF:385.2/20

Left: 9.131 $\pm$ 0.127 χ^2 /NDF: 557.5/42

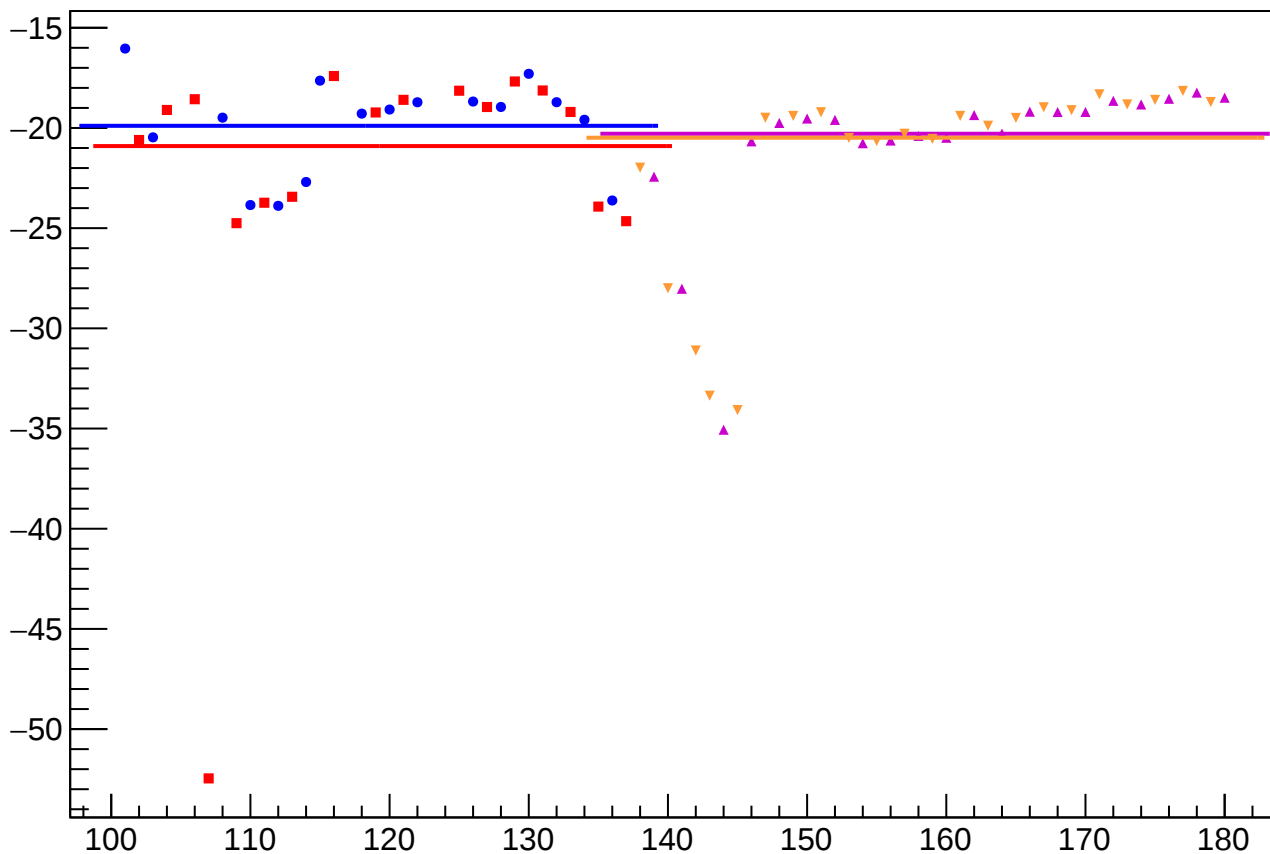
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.642 $\pm$ 0.146 χ^2 /NDF:1126.5/36

Out: 7.434 $\pm$ 0.148 χ^2 /NDF:1029.6/38

All: 7.540 $\pm$ 0.104 χ^2 /NDF: 2157.1/75

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: -20.487 ± 0.009 $\chi^2/\text{NDF}: 162640.3/21$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.288 ± 0.008 $\chi^2/\text{NDF}: 124462.0/20$

Left: -20.384 ± 0.006 $\chi^2/\text{NDF}: 287384.4/42$

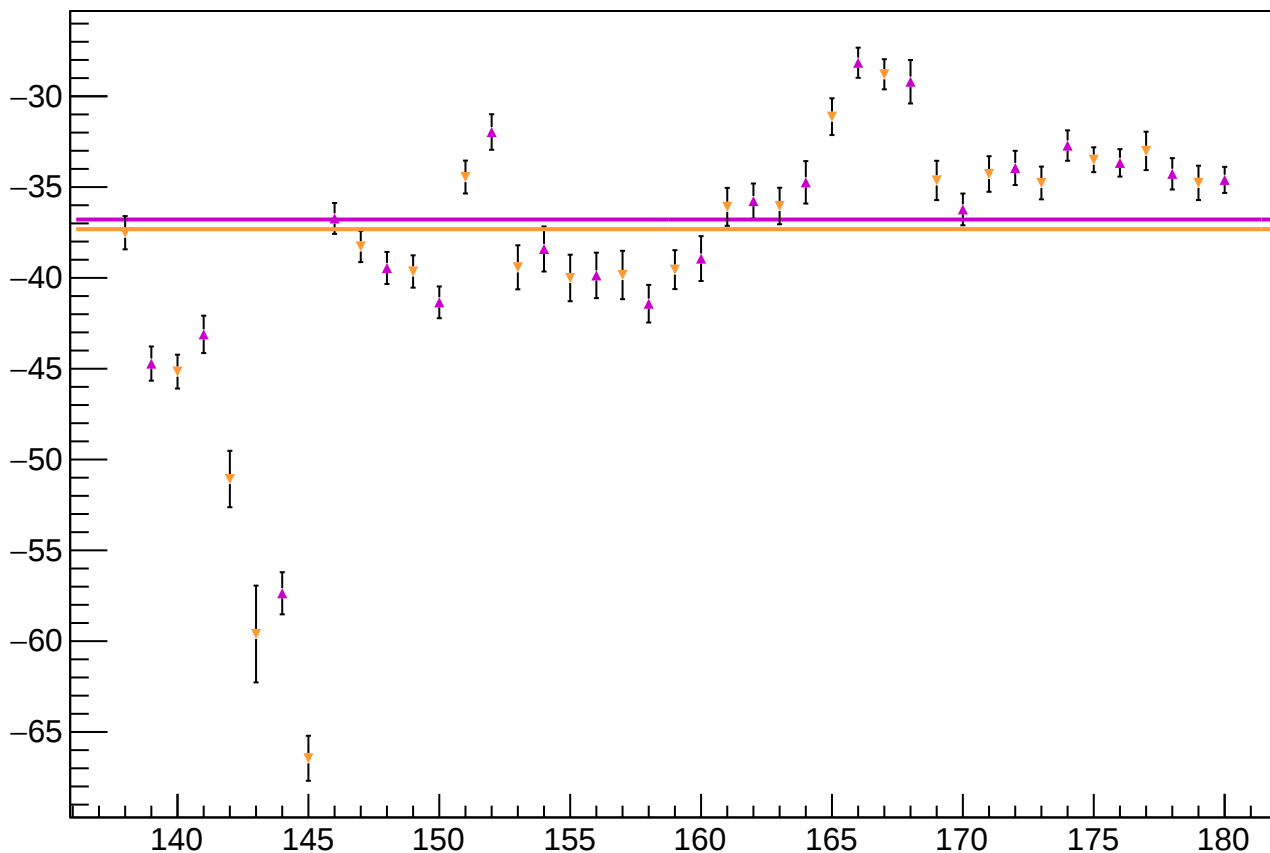
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.202 ± 0.007 $\chi^2/\text{NDF}: 151058.9/36$

Out: -20.582 ± 0.007 $\chi^2/\text{NDF}: 255984.0/38$

All: -20.386 ± 0.005 $\chi^2/\text{NDF}: 408364.1/75$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



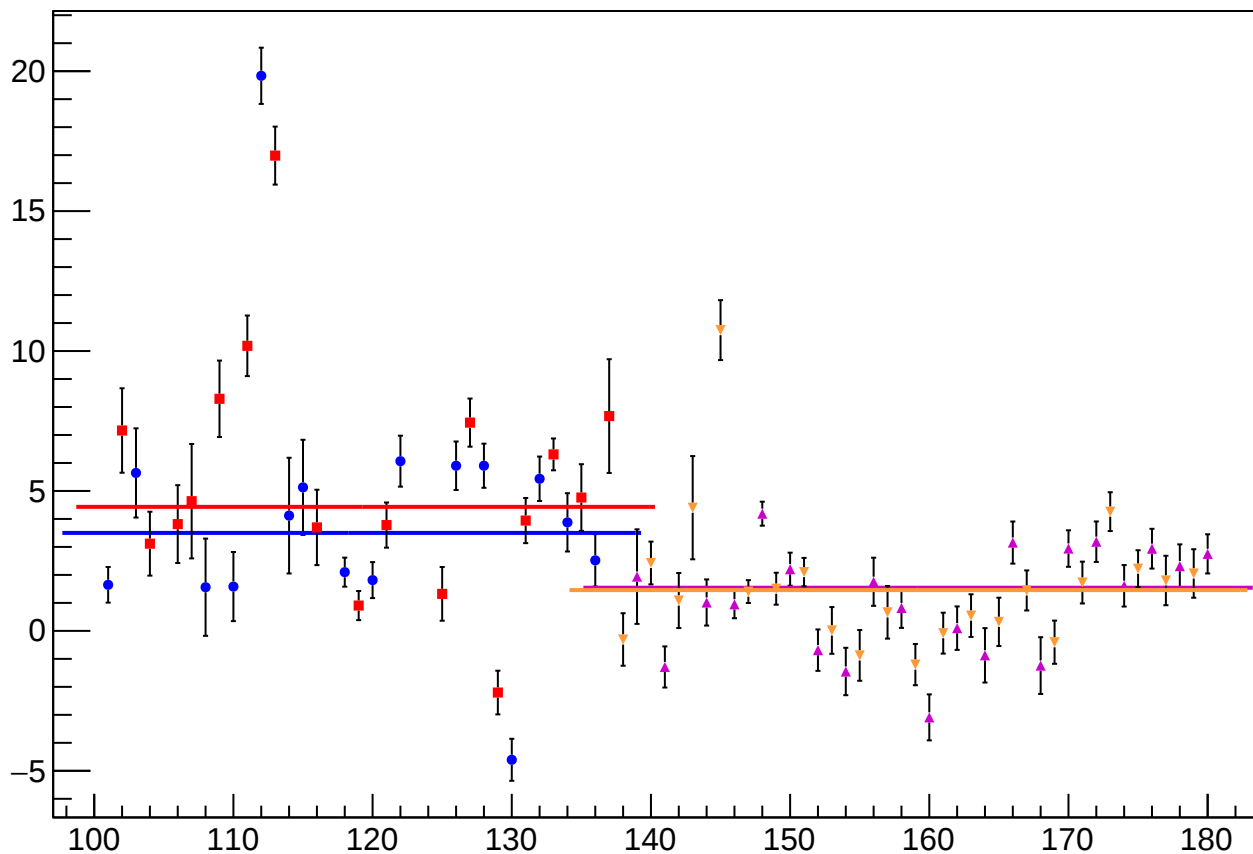
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -37.316 ± 0.215 χ^2/NDF :1030.7/21
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -36.786 ± 0.206 χ^2/NDF :735.0/20

Left: -37.040 ± 0.149 χ^2/NDF : 1768.9/42
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.786 ± 0.206 χ^2/NDF :735.0/20
 Out: -37.316 ± 0.215 χ^2/NDF :1030.7/21

All: -37.040 ± 0.149 χ^2/NDF : 1768.9/42

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: 1.459 ± 0.156 χ^2/NDF : 140.0/21

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.543 ± 0.156 χ^2/NDF : 149.9/20

Left: 1.501 ± 0.110 χ^2/NDF : 290.0/42

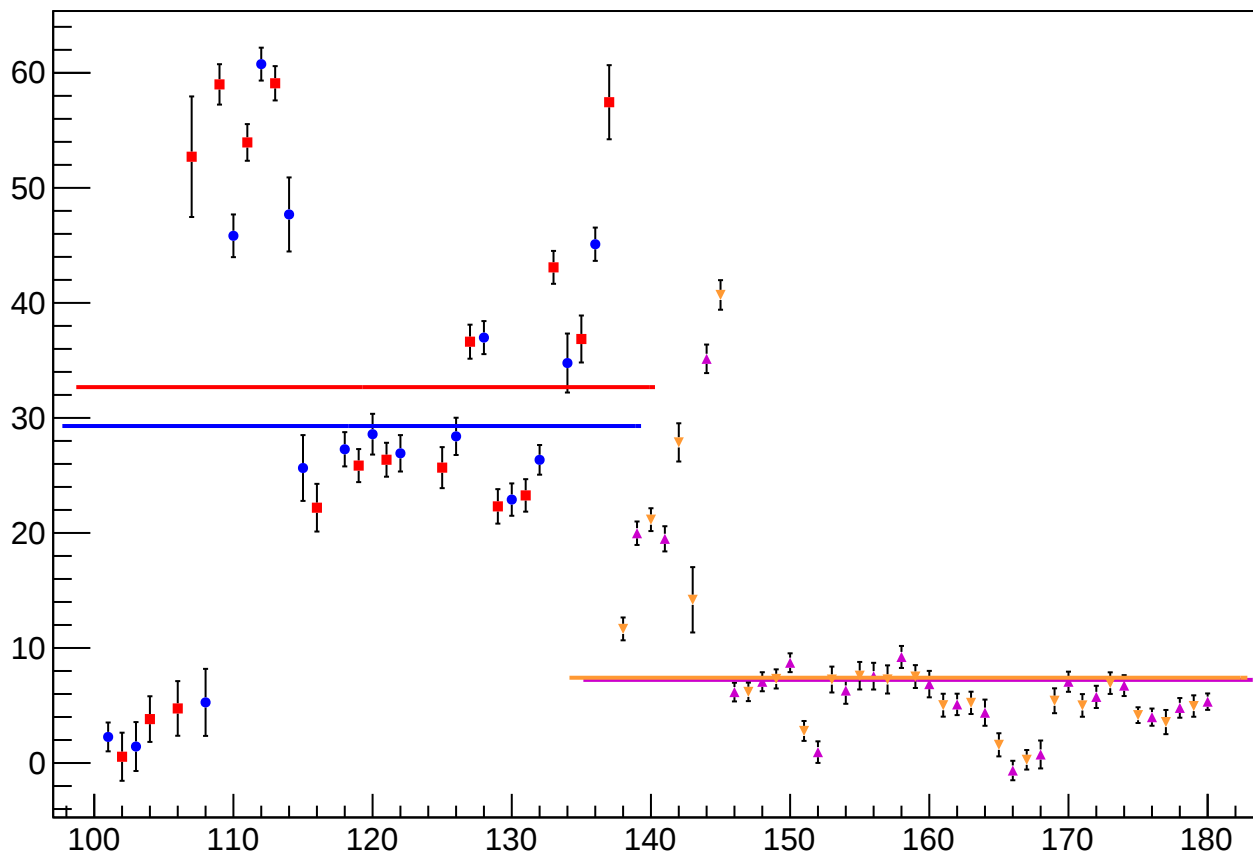
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.206 ± 0.127 χ^2/NDF : 645.4/36

Out: 2.425 ± 0.128 χ^2/NDF : 601.3/38

All: 2.314 ± 0.090 χ^2/NDF : 1248.1/75

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: 7.414+/-0.212 χ^2 /NDF:1236.0/21

Right Out: 32.679+/-0.423 χ^2 /NDF: 1614.8/16

Left In: 7.226+/-0.204 χ^2 /NDF:1006.8/20

Left: 7.317+/-0.147 χ^2 /NDF: 2243.2/42

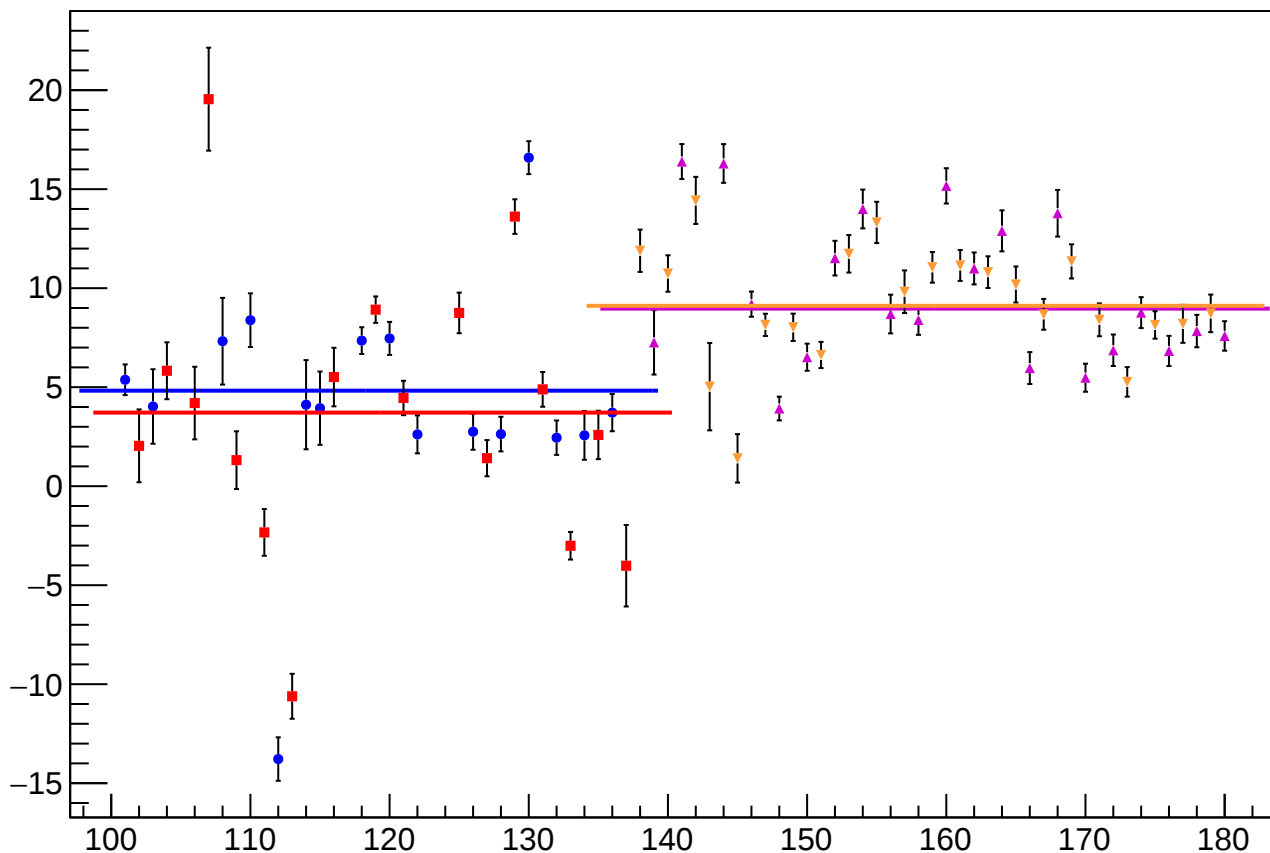
Right: 30.964+/-0.297 χ^2 /NDF: 3132.4/32

In: 11.473+/-0.183 χ^2 /NDF:4751.6/36

Out: 12.477+/-0.189 χ^2 /NDF:5700.6/38

All: 11.958+/-0.132 χ^2 /NDF: 10466.8/75

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.110 ± 0.180 $\chi^2/\text{NDF}: 173.3/21$

Right Out: 3.716 ± 0.259 $\chi^2/\text{NDF}: 559.9/16$

Left In: 8.967 ± 0.178 $\chi^2/\text{NDF}: 391.5/20$

Left: 9.038 ± 0.127 $\chi^2/\text{NDF}: 565.0/42$

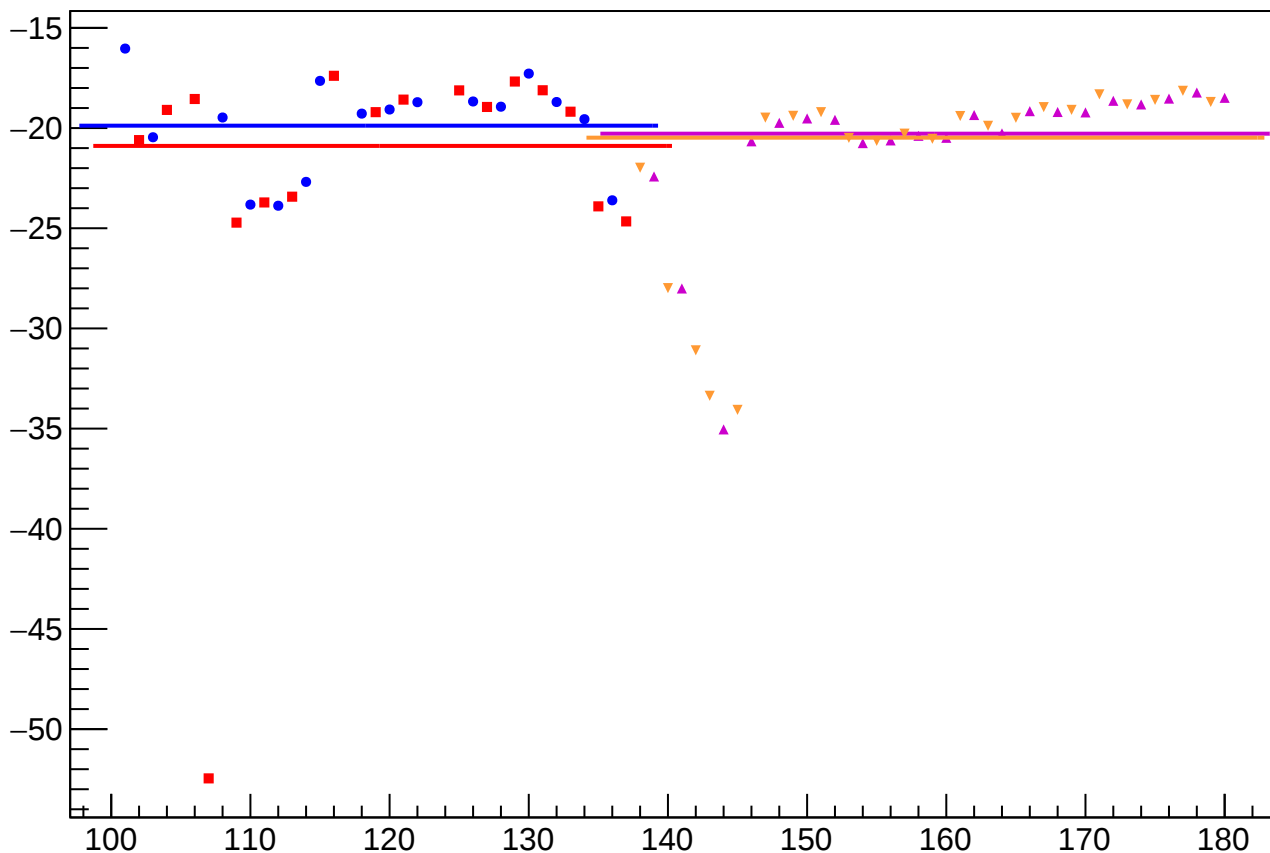
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 7.582 ± 0.145 $\chi^2/\text{NDF}: 1121.4/36$

Out: 7.344 ± 0.148 $\chi^2/\text{NDF}: 1025.4/38$

All: 7.465 ± 0.104 $\chi^2/\text{NDF}: 2148.1/75$

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: -20.480 ± 0.009 $\chi^2/\text{NDF}: 162756.8/21$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.280 ± 0.008 $\chi^2/\text{NDF}: 124351.1/20$

Left: -20.376 ± 0.006 $\chi^2/\text{NDF}: 287391.7/42$

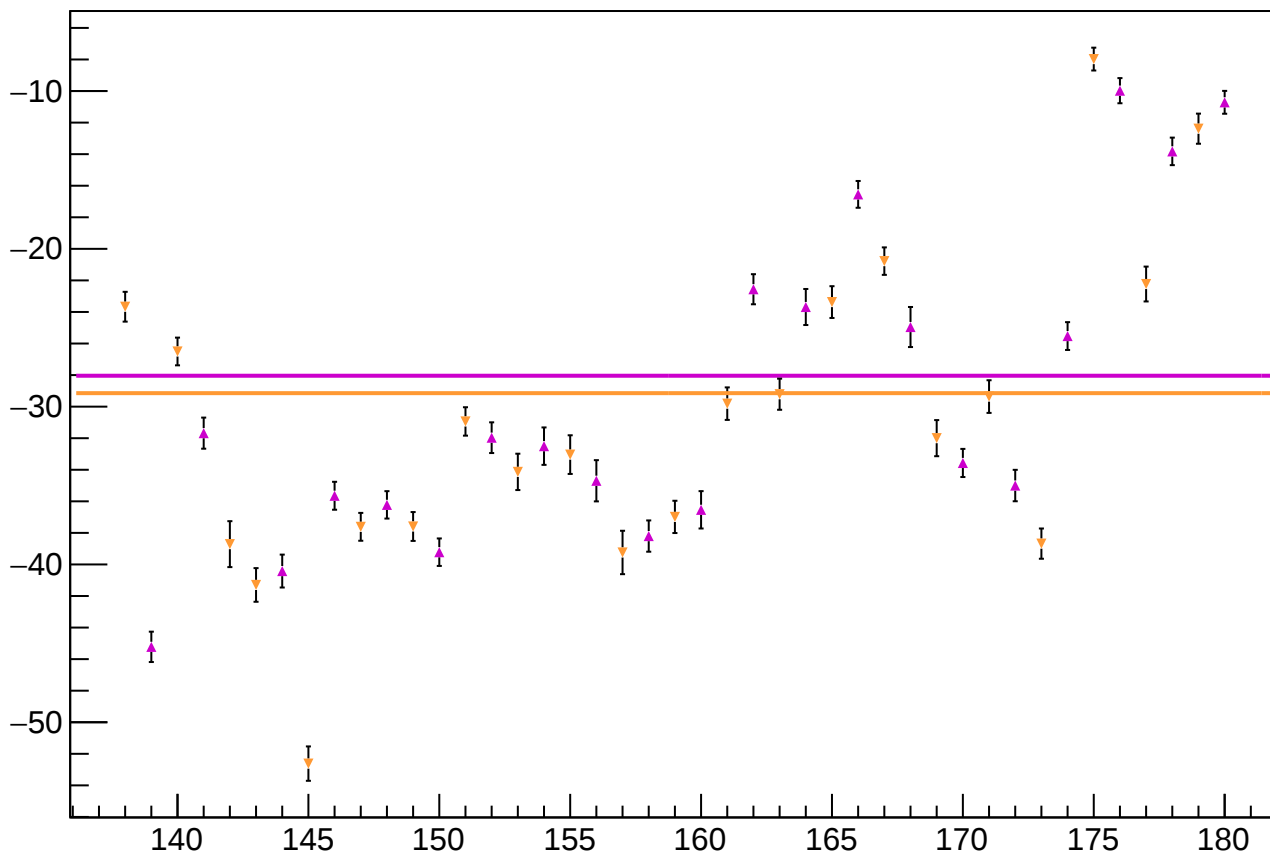
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.193 ± 0.007 $\chi^2/\text{NDF}: 150947.9/36$

Out: -20.573 ± 0.007 $\chi^2/\text{NDF}: 256198.5/38$

All: -20.377 ± 0.005 $\chi^2/\text{NDF}: 408469.7/75$

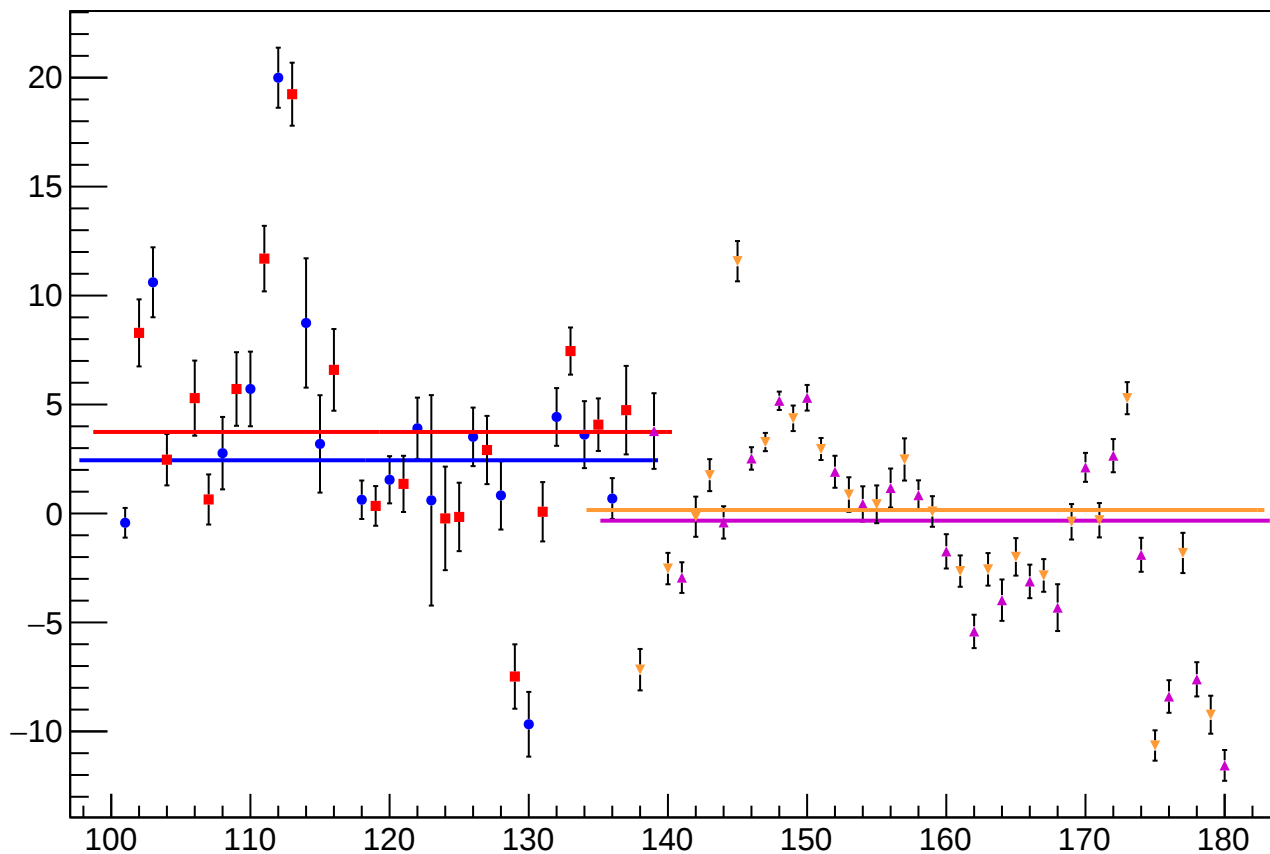
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -29.145 $\pm$ 0.213 χ^2/NDF :2438.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -28.041 $\pm$ 0.207 χ^2/NDF :2698.2/20

Left: -28.579 $\pm$ 0.148 χ^2/NDF : 5150.3/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -28.041 $\pm$ 0.207 χ^2/NDF :2698.2/20
 Out: -29.145 $\pm$ 0.213 χ^2/NDF :2438.3/21
 All: -28.579 $\pm$ 0.148 χ^2/NDF : 5150.3/42

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 0.158 ± 0.154 χ^2/NDF : 836.4/21

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: -0.330 ± 0.156 χ^2/NDF : 905.5/20

Left: -0.084 ± 0.109 χ^2/NDF : 1746.9/42

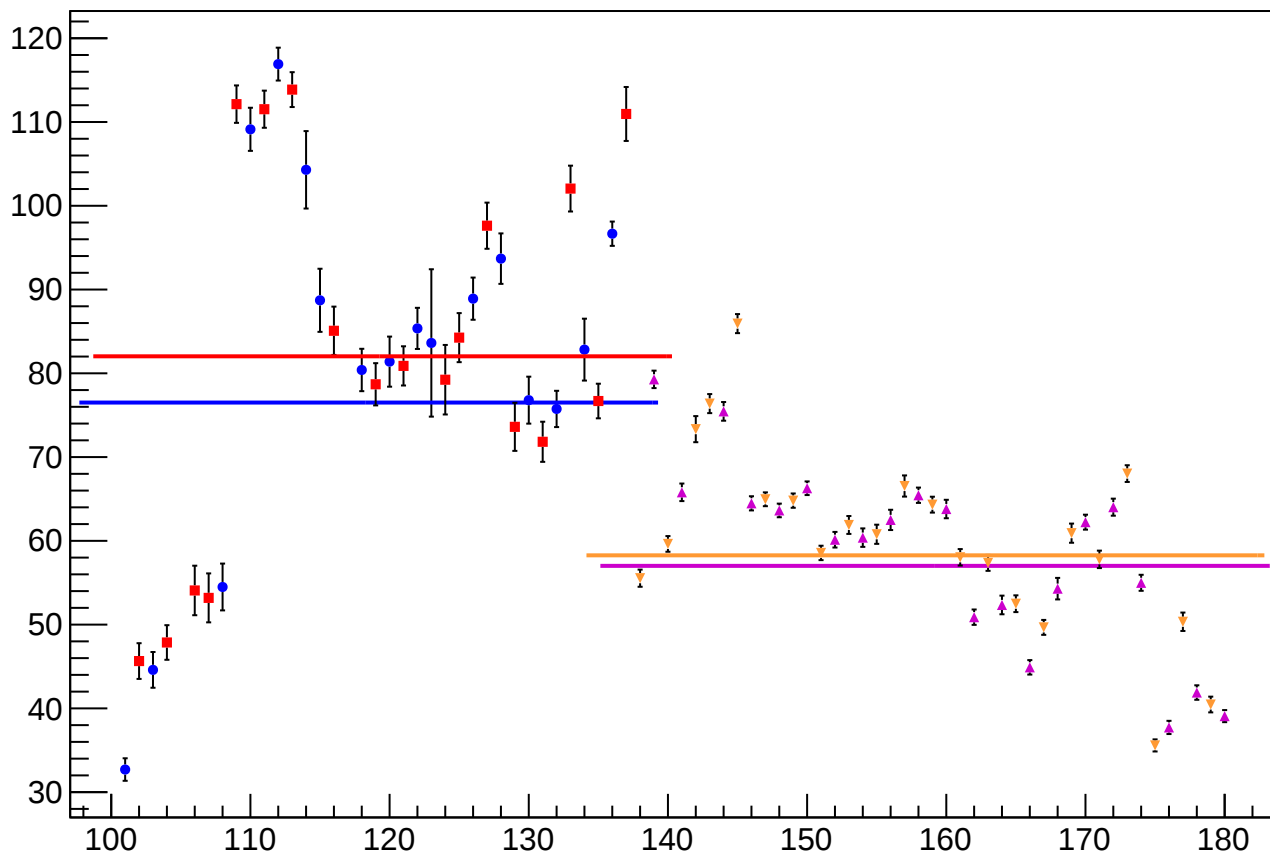
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 0.224 ± 0.139 χ^2/NDF : 1263.6/37

Out: 0.810 ± 0.139 χ^2/NDF : 1202.9/39

All: 0.516 ± 0.098 χ^2/NDF : 2475.4/77

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: 58.271 $\pm$ 0.210 χ^2 /NDF: 2799.2/21

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 57.014 $\pm$ 0.205 χ^2 /NDF: 3110.3/20

Left: 57.625 $\pm$ 0.147 χ^2 /NDF: 5927.8/42

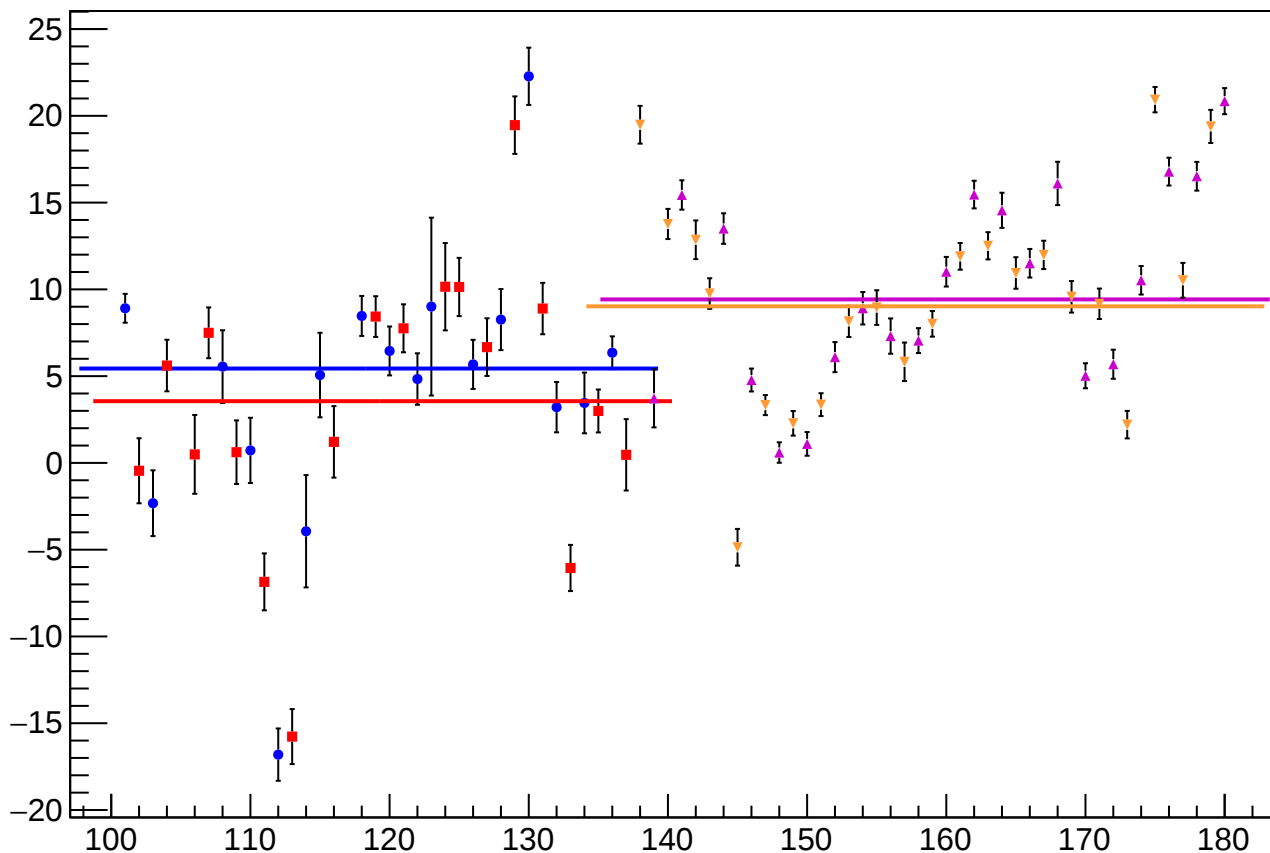
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 59.214 $\pm$ 0.193 χ^2 /NDF: 6384.0/37

Out: 60.930 $\pm$ 0.198 χ^2 /NDF: 5774.6/39

All: 60.048 $\pm$ 0.138 χ^2 /NDF: 12197.1/77

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 9.024 ± 0.178 $\chi^2/\text{NDF}: 1091.6/21$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 9.422 ± 0.178 $\chi^2/\text{NDF}: 1106.4/20$

Left: 9.223 ± 0.126 $\chi^2/\text{NDF}: 2200.5/42$

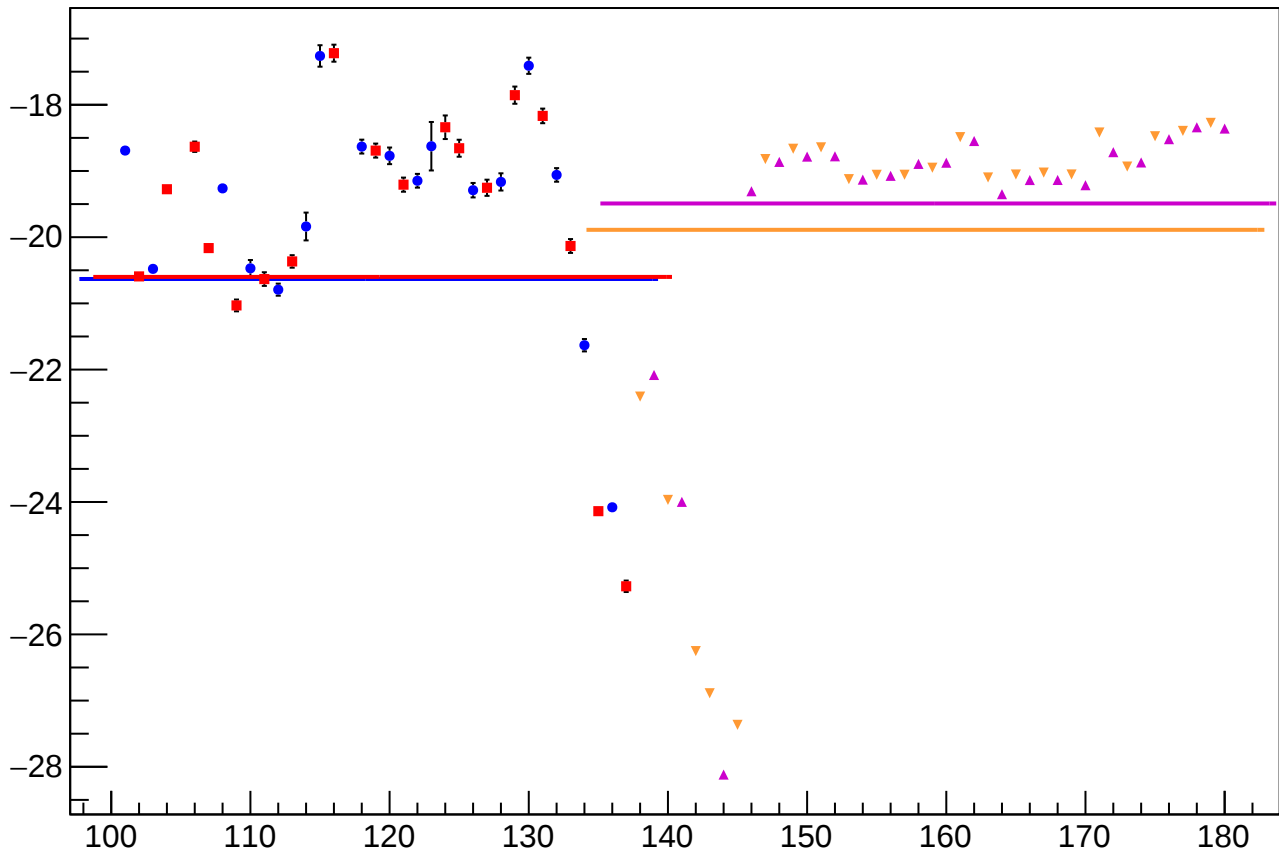
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 8.628 ± 0.160 $\chi^2/\text{NDF}: 1591.8/37$

Out: 8.016 ± 0.161 $\chi^2/\text{NDF}: 1685.4/39$

All: 8.325 ± 0.113 $\chi^2/\text{NDF}: 3284.5/77$

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: -19.889 ± 0.008 $\chi^2/\text{NDF}: 89942.4/21$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.491 ± 0.008 $\chi^2/\text{NDF}: 53689.8/20$

Left: -19.686 ± 0.006 $\chi^2/\text{NDF}: 144764.6/42$

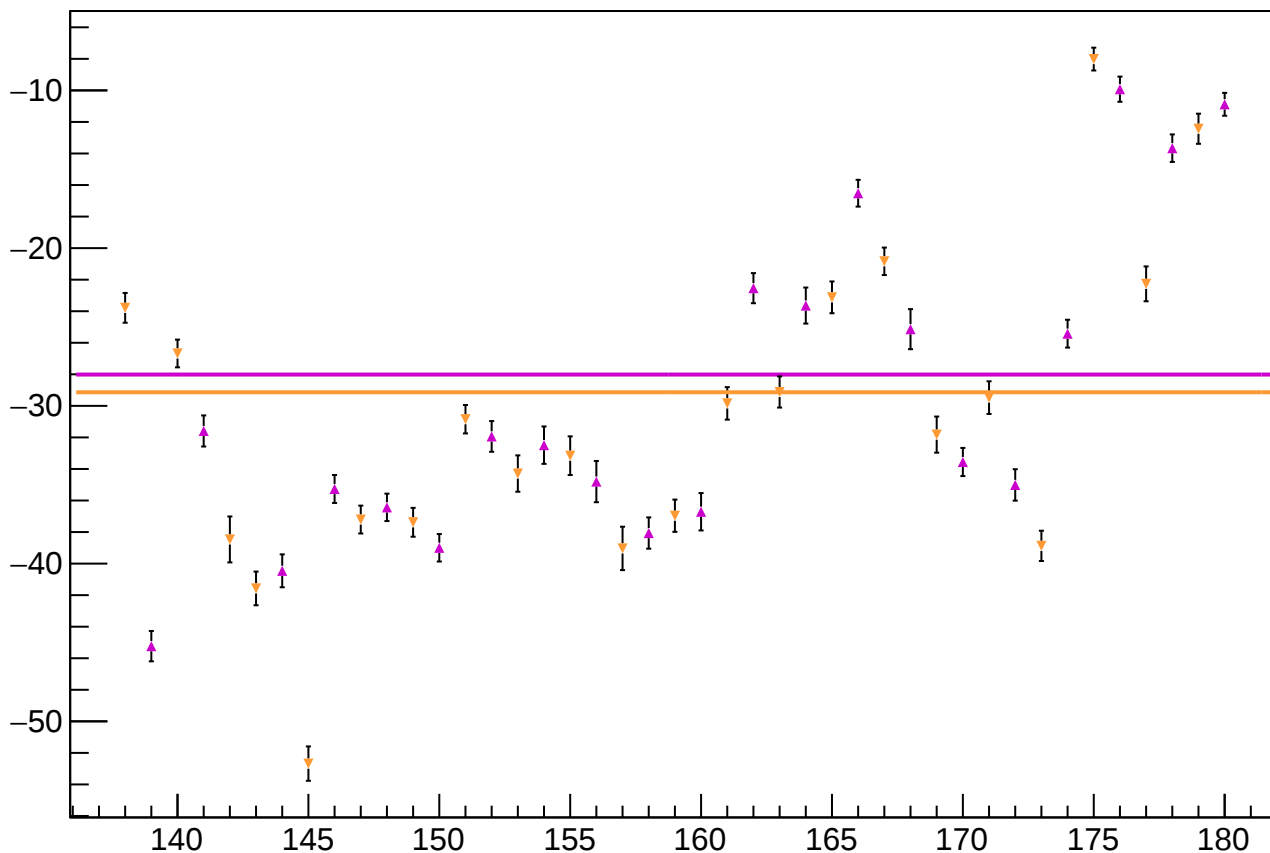
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.668 ± 0.008 $\chi^2/\text{NDF}: 69143.5/37$

Out: -20.002 ± 0.008 $\chi^2/\text{NDF}: 103040.6/39$

All: -19.832 ± 0.005 $\chi^2/\text{NDF}: 173127.9/77$

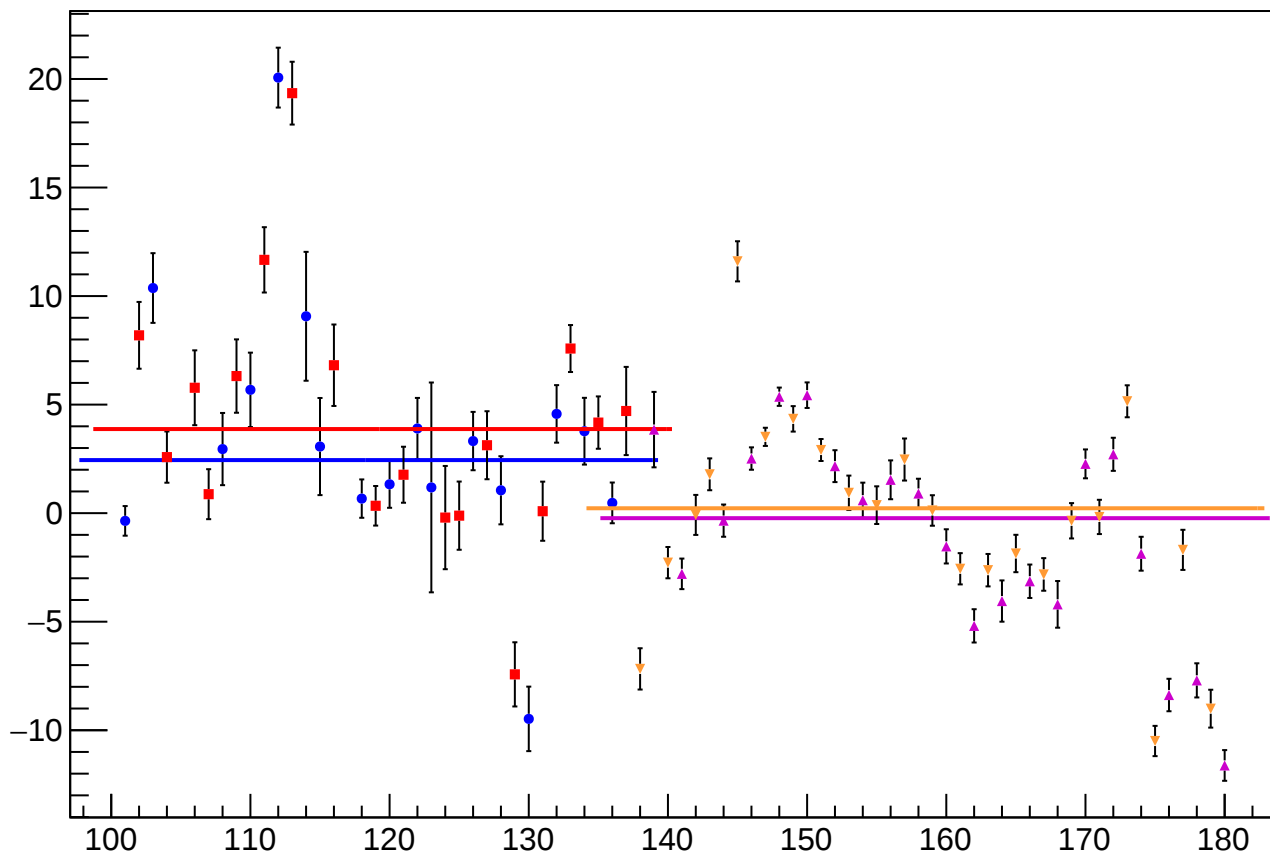
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -29.136 $\pm$ 0.213 χ^2/NDF :2425.4/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -28.014 $\pm$ 0.207 χ^2/NDF :2685.0/20

Left: -28.561 $\pm$ 0.149 χ^2/NDF : 5124.6/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -28.014 $\pm$ 0.207 χ^2/NDF :2685.0/20
 Out: -29.136 $\pm$ 0.213 χ^2/NDF :2425.4/21
 All: -28.561 $\pm$ 0.149 χ^2/NDF : 5124.6/42

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 0.225 ± 0.154 χ^2/NDF : 824.2/21

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: -0.231 ± 0.156 χ^2/NDF : 925.0/20

Left: -0.001 ± 0.110 χ^2/NDF : 1753.5/42

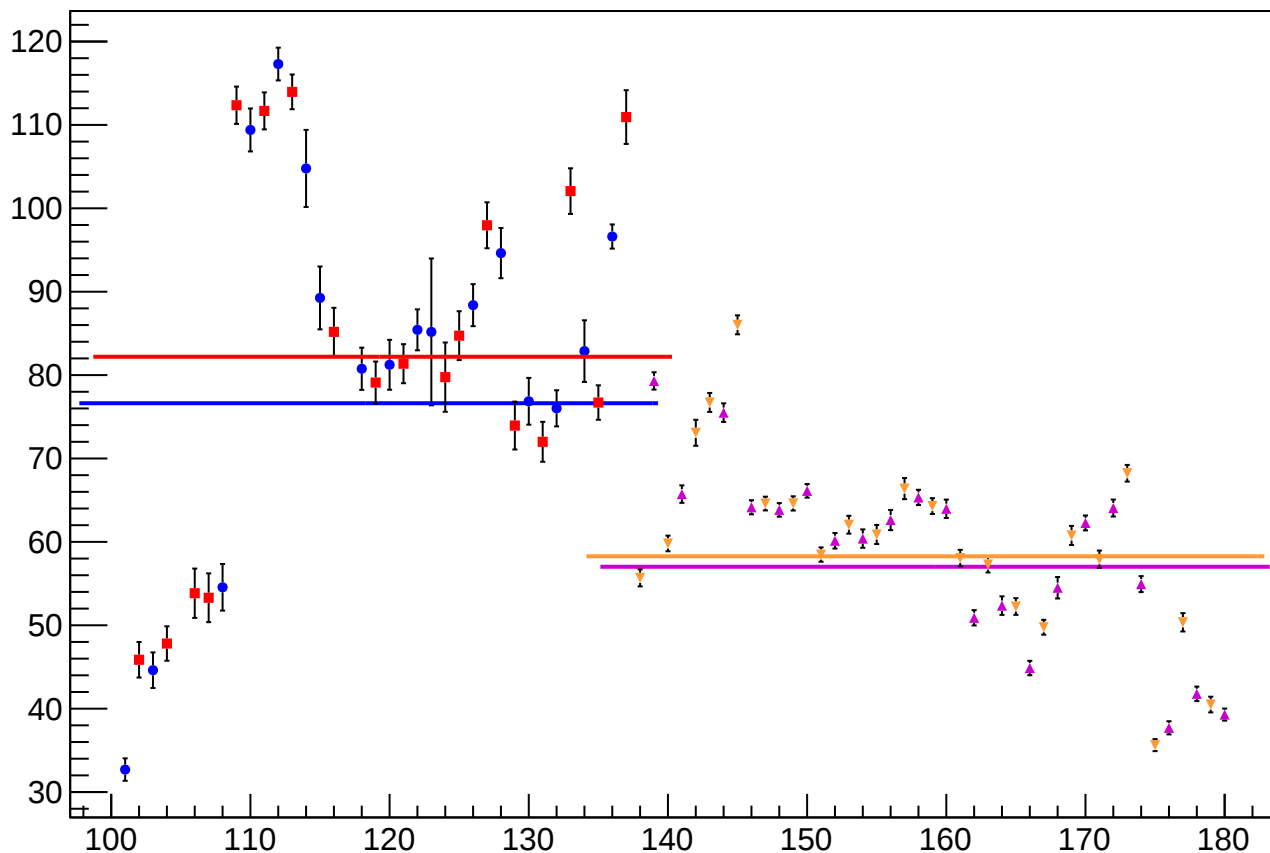
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 0.304 ± 0.139 χ^2/NDF : 1276.7/37

Out: 0.889 ± 0.139 χ^2/NDF : 1194.5/39

All: 0.596 ± 0.099 χ^2/NDF : 2479.9/77

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: 58.266 $\pm$ 0.211 χ^2 /NDF: 2794.4/21

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 57.016 $\pm$ 0.205 χ^2 /NDF: 3093.2/20

Left: 57.624 $\pm$ 0.147 χ^2 /NDF: 5905.7/42

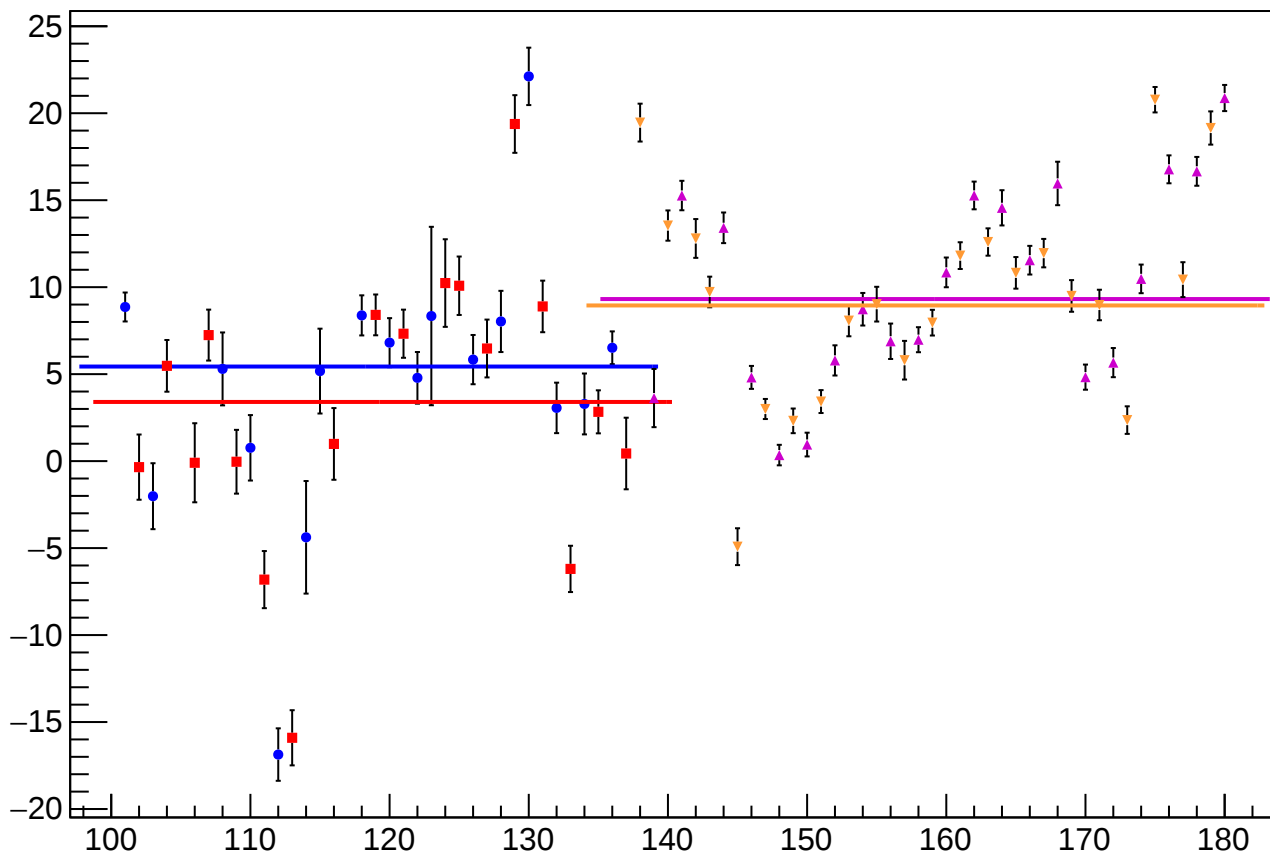
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 59.230 $\pm$ 0.193 χ^2 /NDF: 6389.8/37

Out: 60.945 $\pm$ 0.198 χ^2 /NDF: 5791.6/39

All: 60.064 $\pm$ 0.138 χ^2 /NDF: 12219.8/77

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: 8.949 ± 0.178 $\chi^2/\text{NDF}: 1081.2/21$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 9.317 ± 0.179 $\chi^2/\text{NDF}: 1126.1/20$

Left: 9.133 ± 0.126 $\chi^2/\text{NDF}: 2209.5/42$

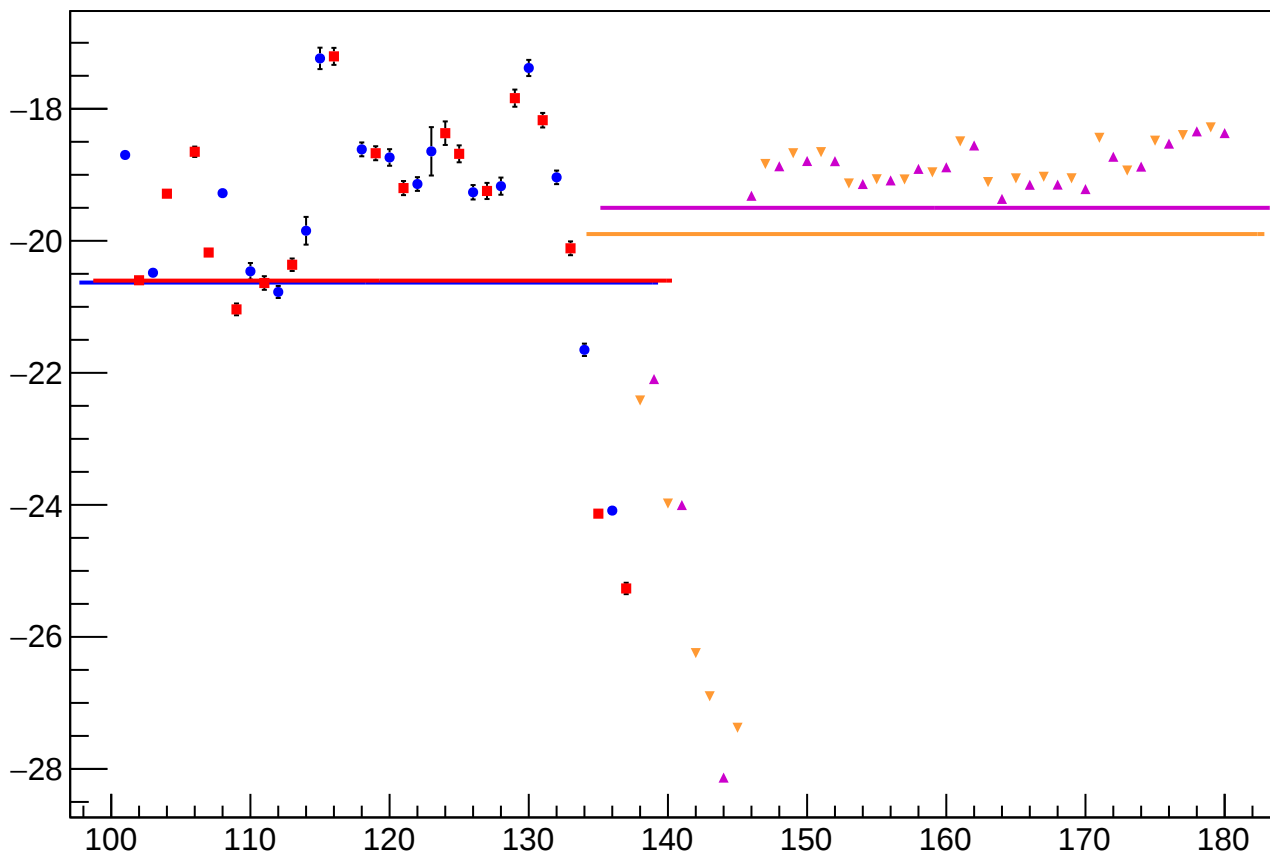
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 8.544 ± 0.160 $\chi^2/\text{NDF}: 1604.7/37$

Out: 7.927 ± 0.161 $\chi^2/\text{NDF}: 1680.2/39$

All: 8.238 ± 0.113 $\chi^2/\text{NDF}: 3292.3/77$

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: -19.898 ± 0.008 $\chi^2/\text{NDF}: 89813.2/21$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.500 ± 0.008 $\chi^2/\text{NDF}: 53645.2/20$

Left: -19.695 ± 0.006 $\chi^2/\text{NDF}: 144585.8/42$

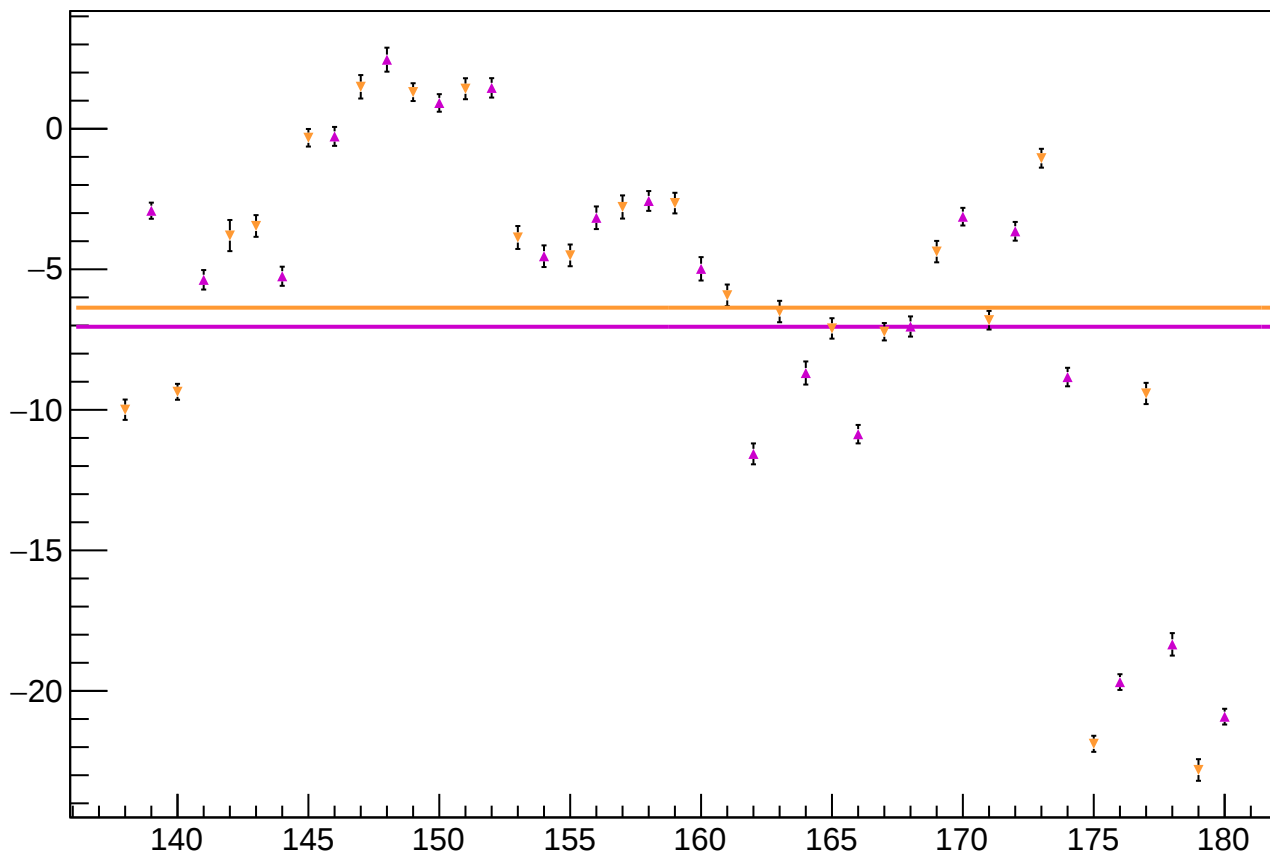
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.676 ± 0.008 $\chi^2/\text{NDF}: 69092.5/37$

Out: -20.010 ± 0.008 $\chi^2/\text{NDF}: 102843.3/39$

All: -19.840 ± 0.005 $\chi^2/\text{NDF}: 172876.8/77$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



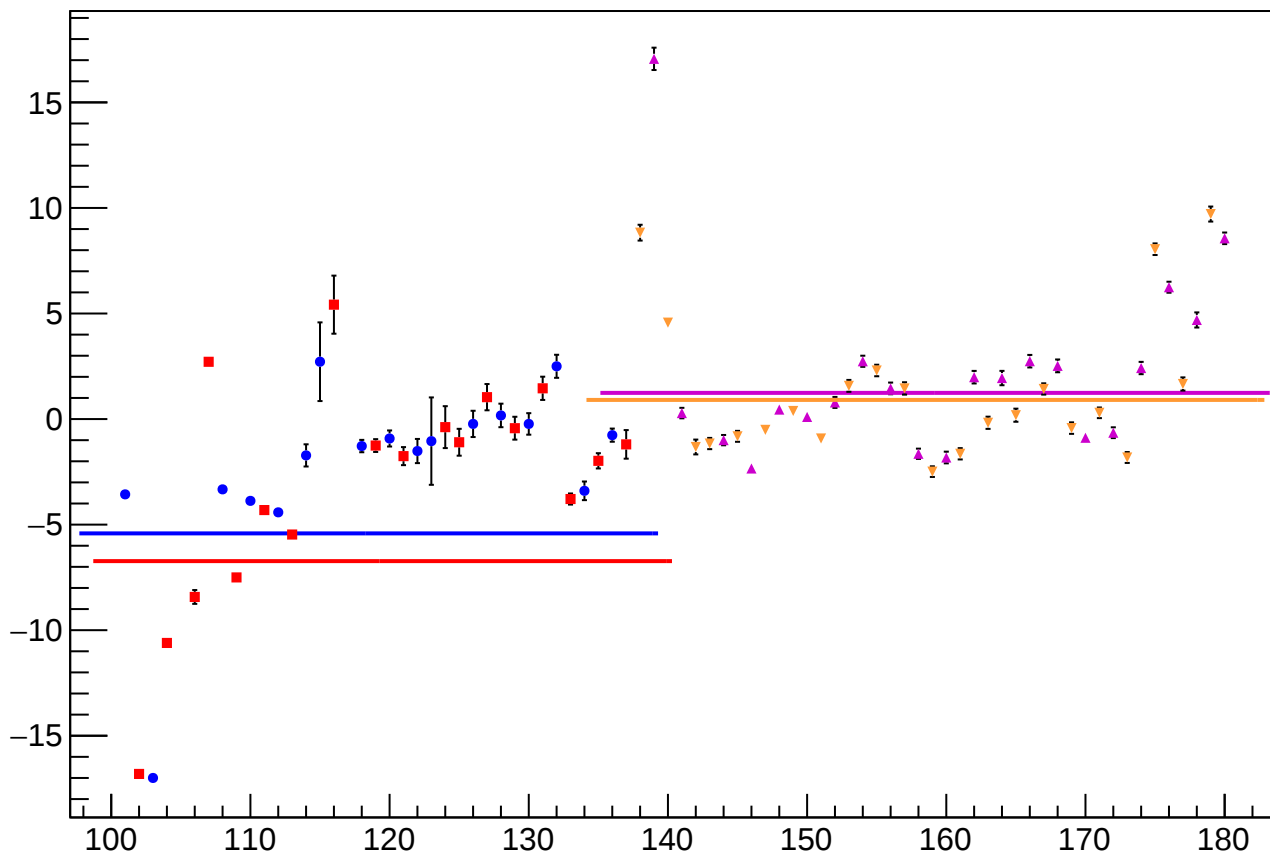
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.365+/-0.076 χ^2/NDF : 7415.2/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.044+/-0.075 χ^2/NDF : 8615.4/20

Left: -6.711+/-0.053 χ^2/NDF : 16071.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.044+/-0.075 χ^2/NDF : 8615.4/20
 Out: -6.365+/-0.076 χ^2/NDF : 7415.2/21

All: -6.711+/-0.053 χ^2/NDF : 16071.0/42

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: 0.907 ± 0.057 χ^2/NDF : 2721.9/21

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 1.241 ± 0.058 χ^2/NDF : 2997.6/20

Left: 1.071 ± 0.041 χ^2/NDF : 5736.4/42

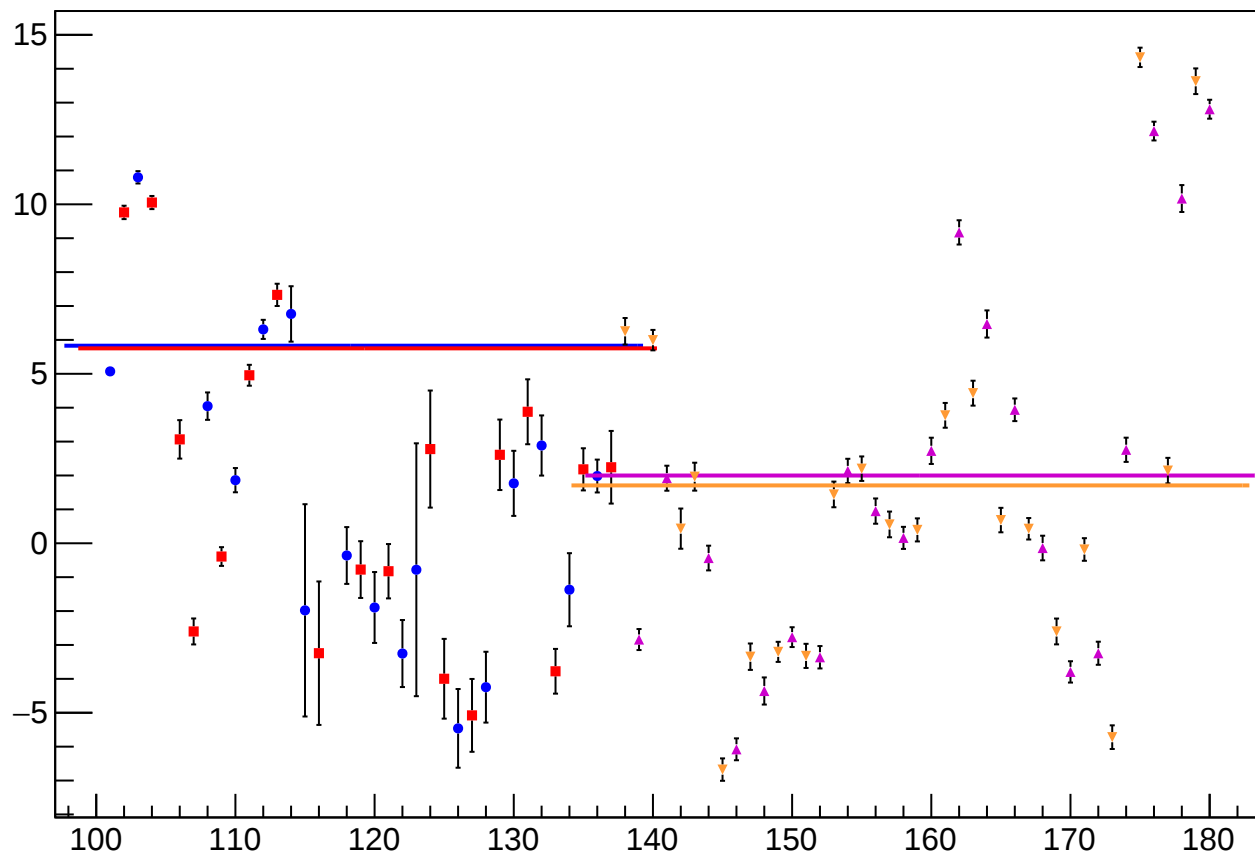
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.272 ± 0.040 χ^2/NDF : 19229.6/37

Out: -2.712 ± 0.041 χ^2/NDF : 22510.2/39

All: -2.484 ± 0.029 χ^2/NDF : 41798.9/77

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 1.707 ± 0.076 $\chi^2/\text{NDF}: 5325.8/21$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 1.999 ± 0.074 $\chi^2/\text{NDF}: 6186.3/20$

Left: 1.856 ± 0.053 $\chi^2/\text{NDF}: 11519.7/42$

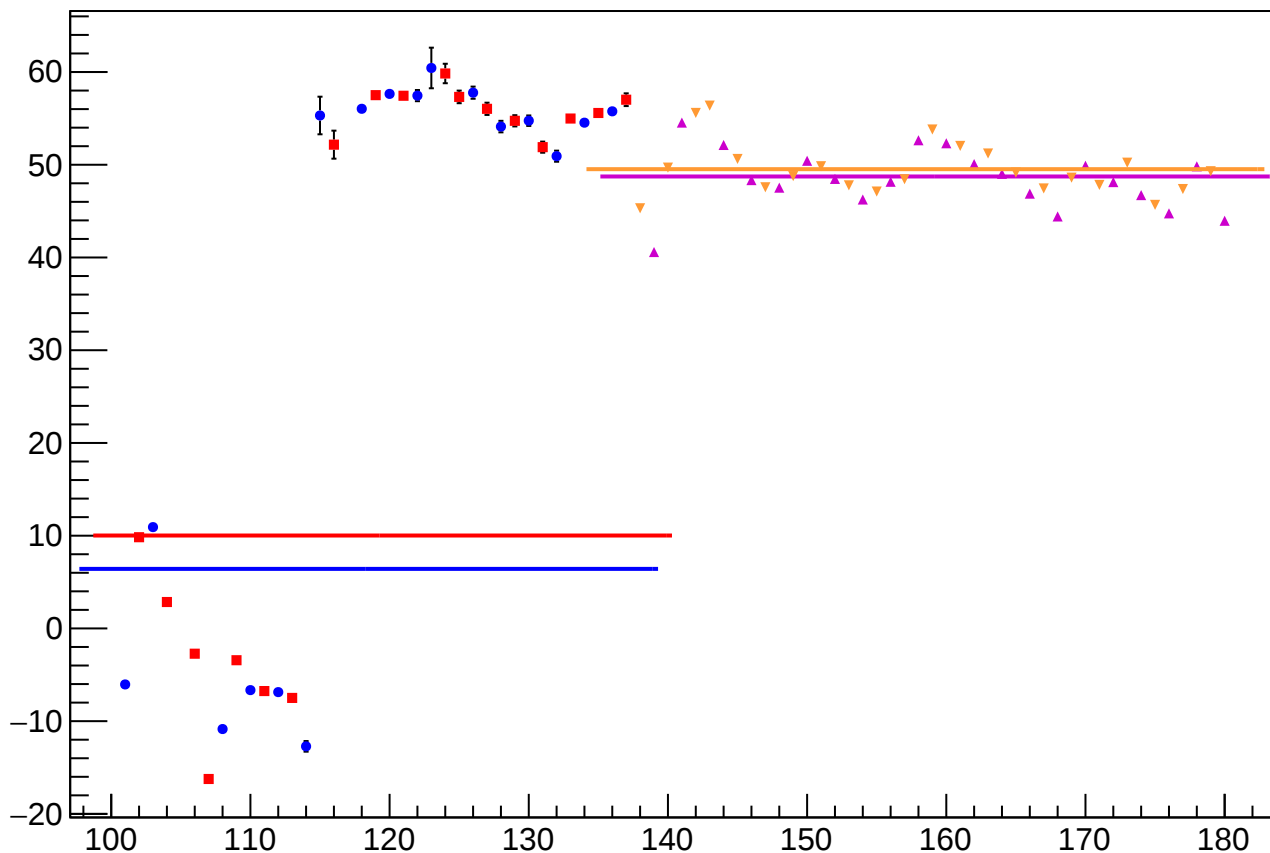
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.553 ± 0.057 $\chi^2/\text{NDF}: 8720.1/37$

Out: 3.253 ± 0.060 $\chi^2/\text{NDF}: 8927.1/39$

All: 3.409 ± 0.041 $\chi^2/\text{NDF}: 17660.4/77$

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: 49.524 ± 0.065 χ^2/NDF : 1625.9/21

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 48.735 ± 0.065 χ^2/NDF : 2033.8/20

Left: 49.133 ± 0.046 χ^2/NDF : 3732.8/42

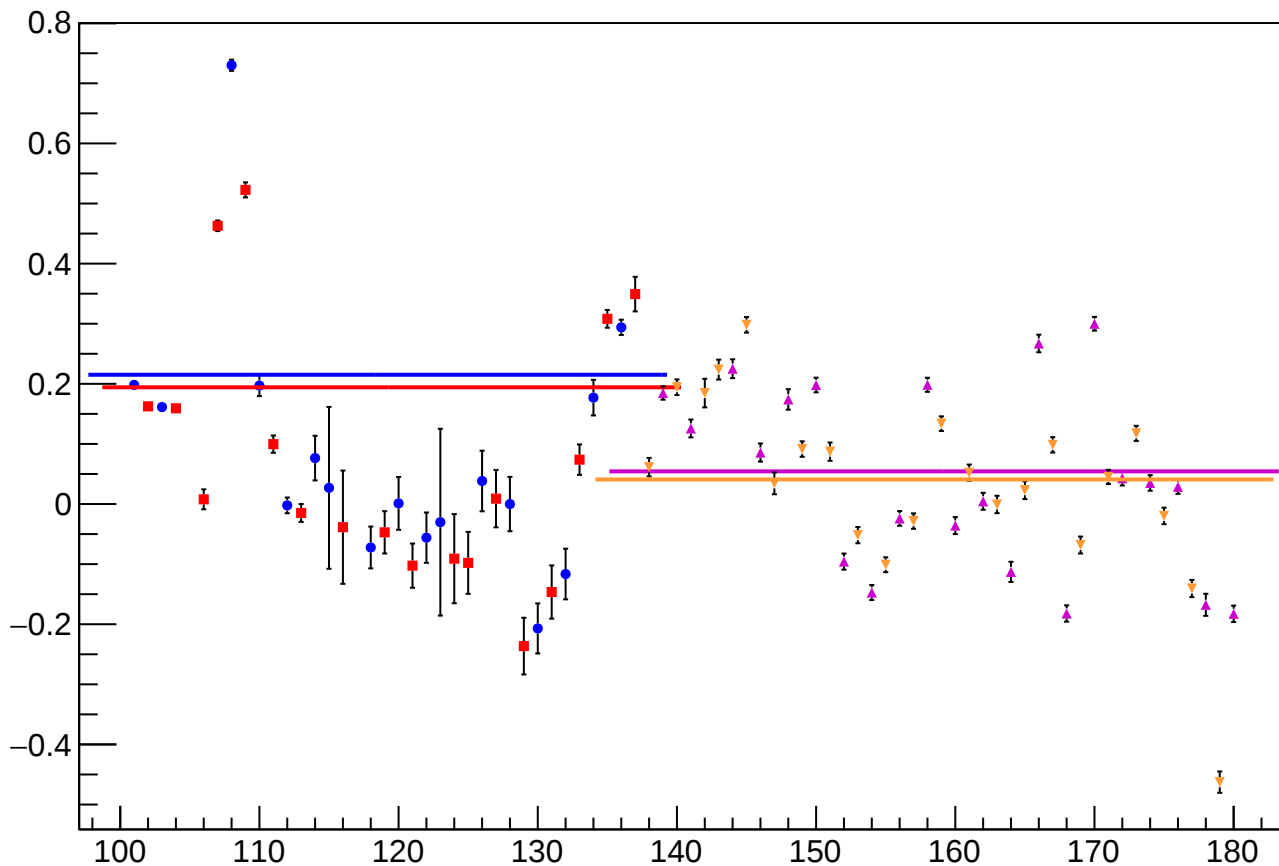
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 27.354 ± 0.046 χ^2/NDF : 336530.1/37

Out: 31.469 ± 0.048 χ^2/NDF : 293124.9/39

All: 29.332 ± 0.033 χ^2/NDF : 633500.7/77

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: 0.041+/-0.003 χ^2/NDF : 2095.9/21

Right Out: 0.194+/-0.003 χ^2/NDF : 2520.1/17

Left In: 0.054+/-0.003 χ^2/NDF : 2625.4/20

Left: 0.048+/-0.002 χ^2/NDF : 4731.7/42

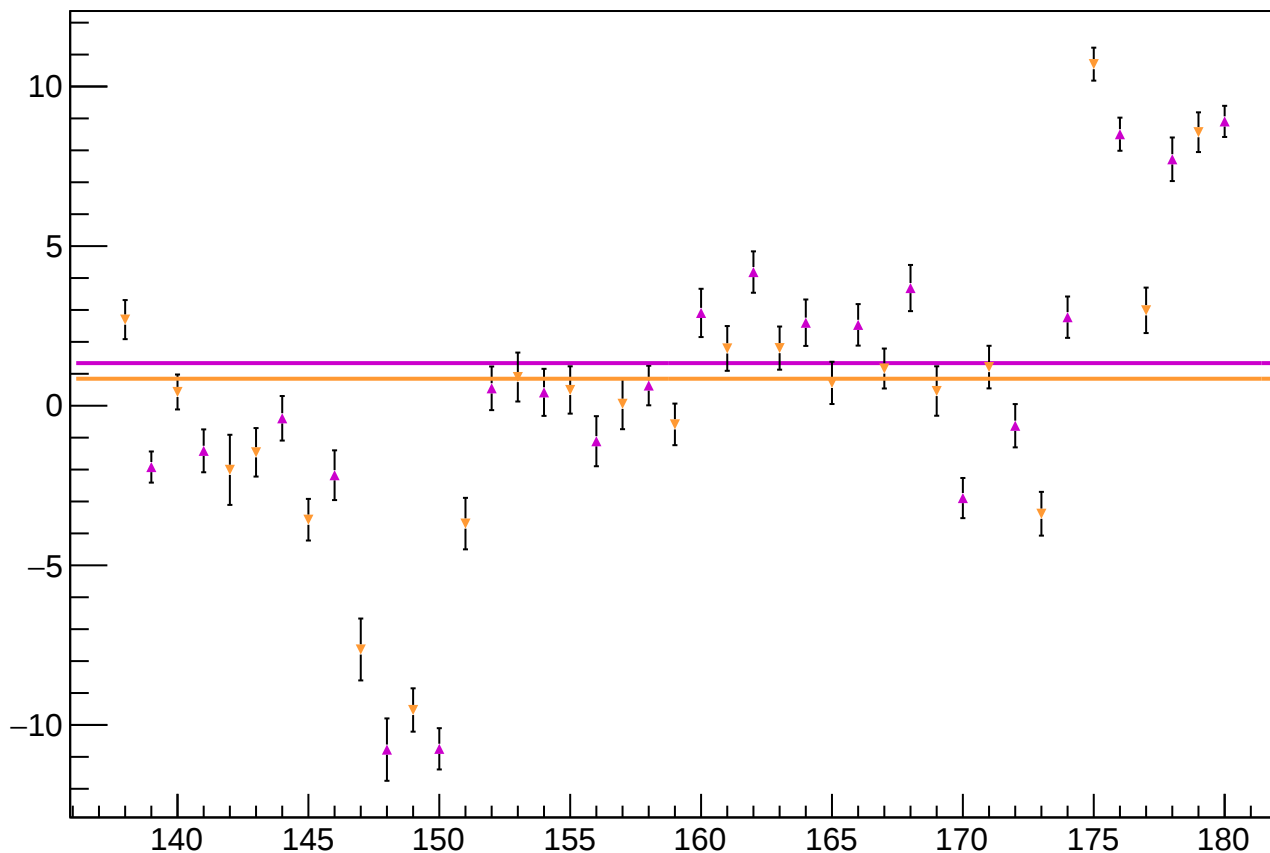
Right: 0.205+/-0.002 χ^2/NDF : 6475.9/34

In: 0.139+/-0.002 χ^2/NDF : 8144.6/37

Out: 0.124+/-0.002 χ^2/NDF : 6045.5/39

All: 0.132+/-0.001 χ^2/NDF : 14219.4/77

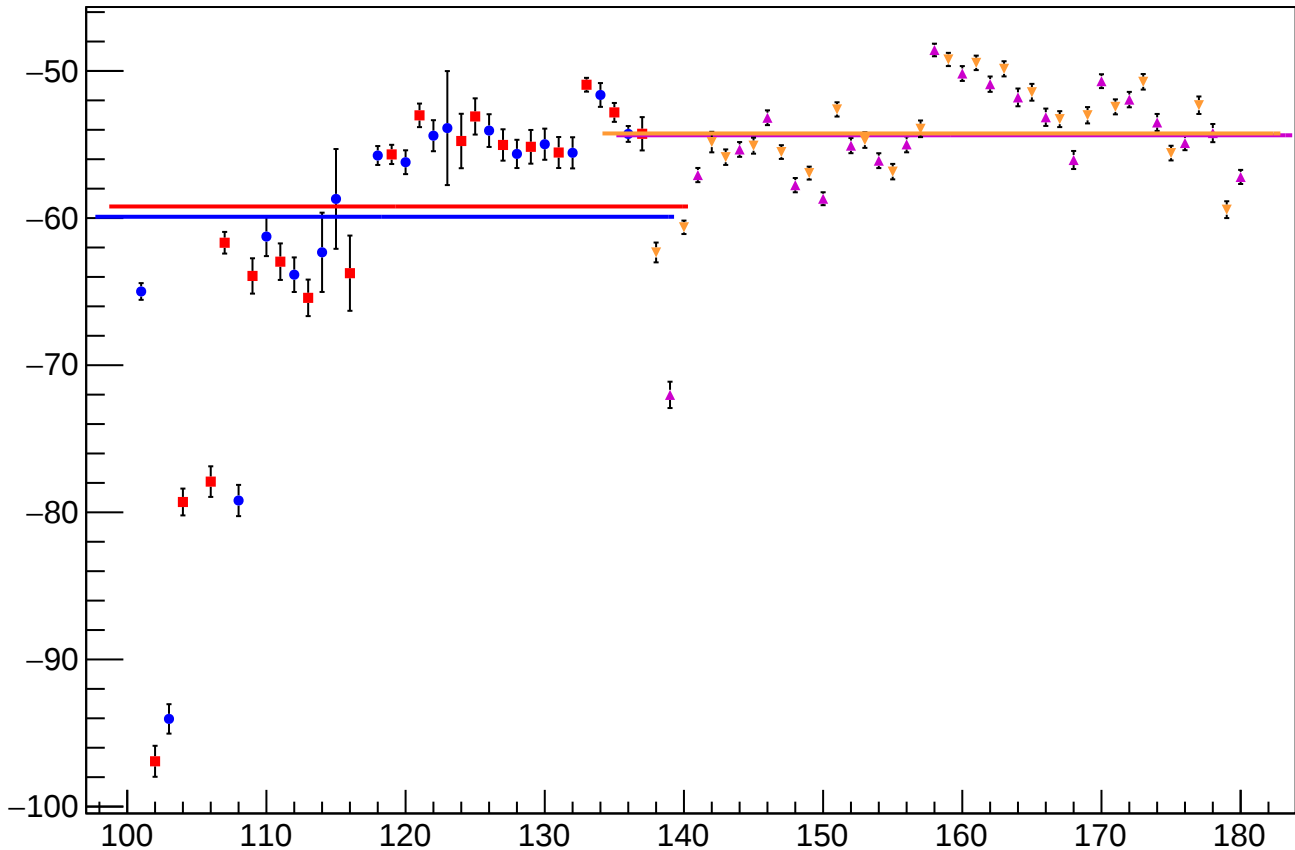
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.846 $\pm$ 0.147 χ^2 /NDF:989.7/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.335 $\pm$ 0.143 χ^2 /NDF:1222.8/20

Left: 1.097 $\pm$ 0.102 χ^2 /NDF: 2218.3/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.335 $\pm$ 0.143 χ^2 /NDF:1222.8/20
 Out: 0.846 $\pm$ 0.147 χ^2 /NDF:989.7/21
 All: 1.097 $\pm$ 0.102 χ^2 /NDF: 2218.3/42

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: -54.248 ± 0.112 χ^2/NDF : 914.3/21

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.373 ± 0.114 χ^2/NDF : 1035.8/20

Left: -54.310 ± 0.080 χ^2/NDF : 1950.7/42

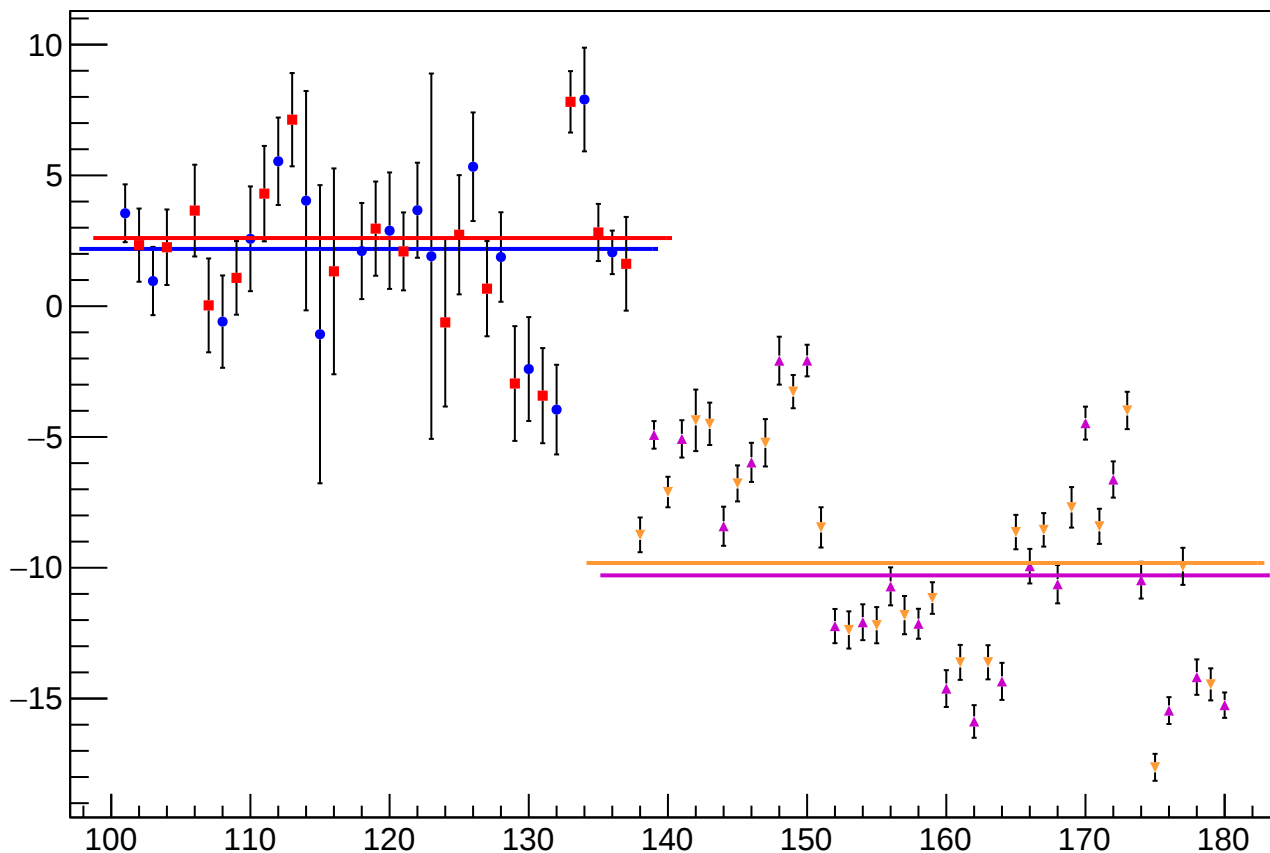
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.511 ± 0.101 χ^2/NDF : 3505.7/37

Out: -55.323 ± 0.099 χ^2/NDF : 4085.2/39

All: -55.415 ± 0.071 χ^2/NDF : 7592.6/77

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: -9.817 ± 0.145 $\chi^2/\text{NDF}: 720.2/21$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -10.291 ± 0.141 $\chi^2/\text{NDF}: 991.3/20$

Left: -10.061 ± 0.101 $\chi^2/\text{NDF}: 1716.9/42$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -8.933 ± 0.133 $\chi^2/\text{NDF}: 1878.5/37$
 Out: -8.306 ± 0.136 $\chi^2/\text{NDF}: 1658.1/39$

All: -8.626 ± 0.095 $\chi^2/\text{NDF}: 3547.4/77$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -38.241 ± 0.126 χ^2/NDF : 881.7/21

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.733 ± 0.127 χ^2/NDF : 1077.5/20

Left: -37.988 ± 0.089 χ^2/NDF : 1967.2/42

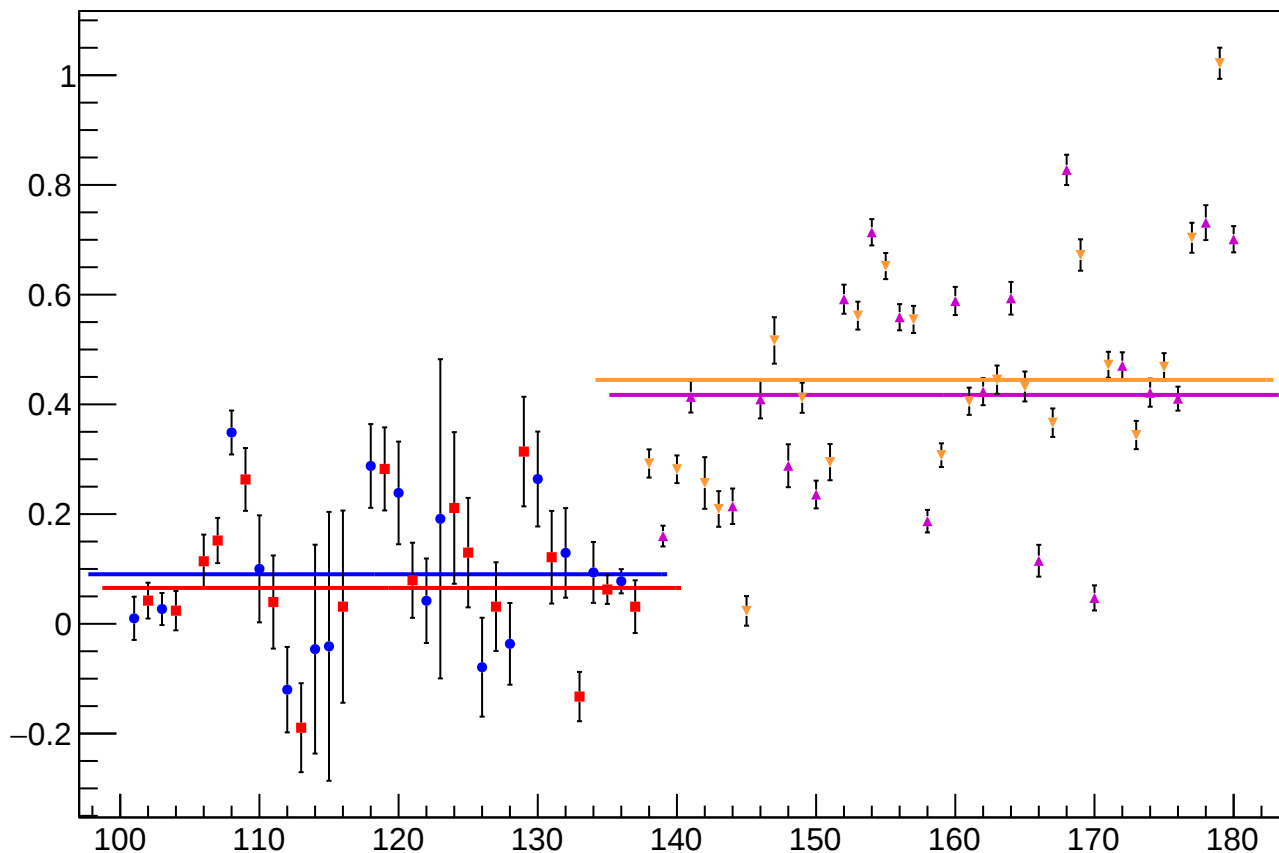
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.752 ± 0.114 χ^2/NDF : 6040.9/37

Out: -37.105 ± 0.112 χ^2/NDF : 7016.1/39

All: -36.930 ± 0.080 χ^2/NDF : 13061.9/77

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.445 $\pm$ 0.006 χ^2 /NDF:1165.6/21

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.417 $\pm$ 0.006 χ^2 /NDF:1557.1/20

Left: 0.431 $\pm$ 0.004 χ^2 /NDF: 2734.4/42

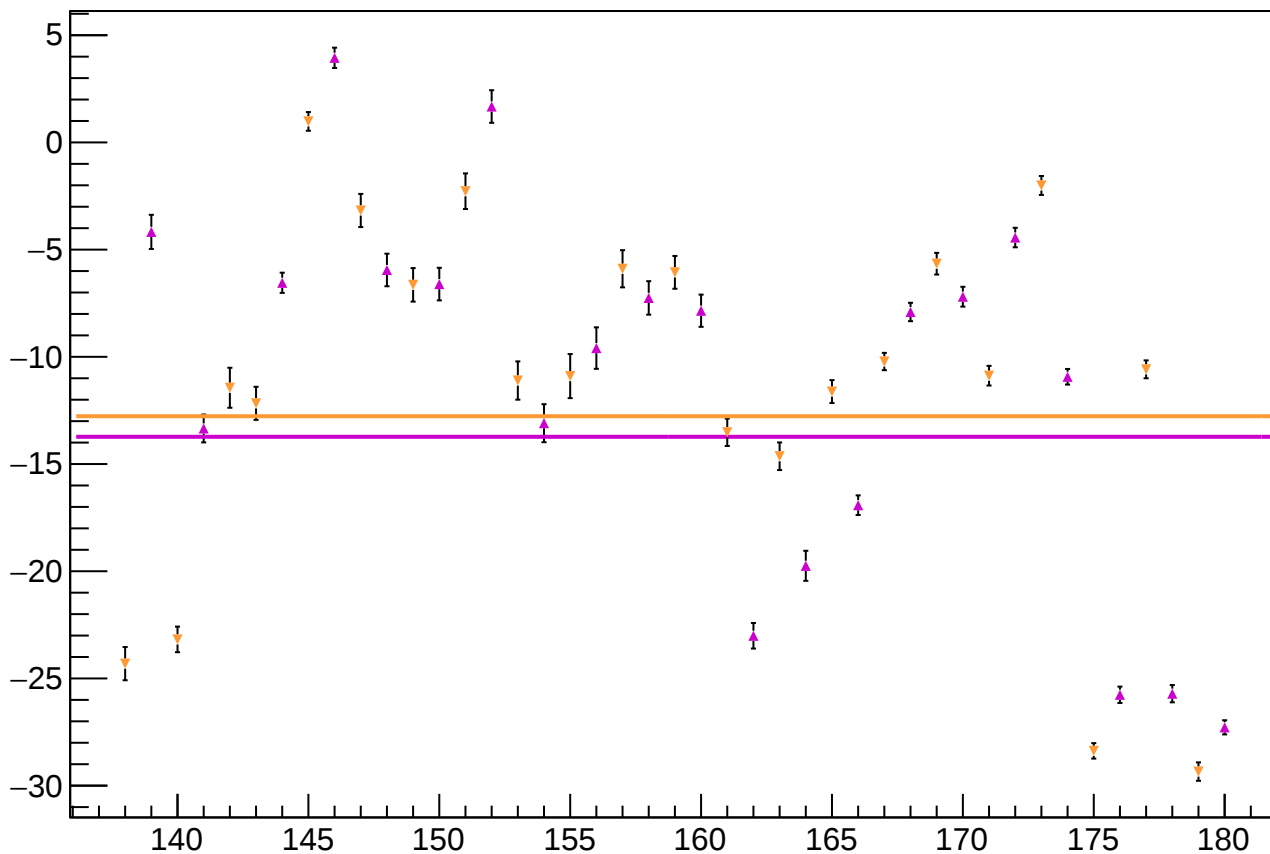
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.364 $\pm$ 0.005 χ^2 /NDF:2189.7/37

Out: 0.376 $\pm$ 0.005 χ^2 /NDF:2018.0/39

All: 0.370 $\pm$ 0.004 χ^2 /NDF: 4210.4/77

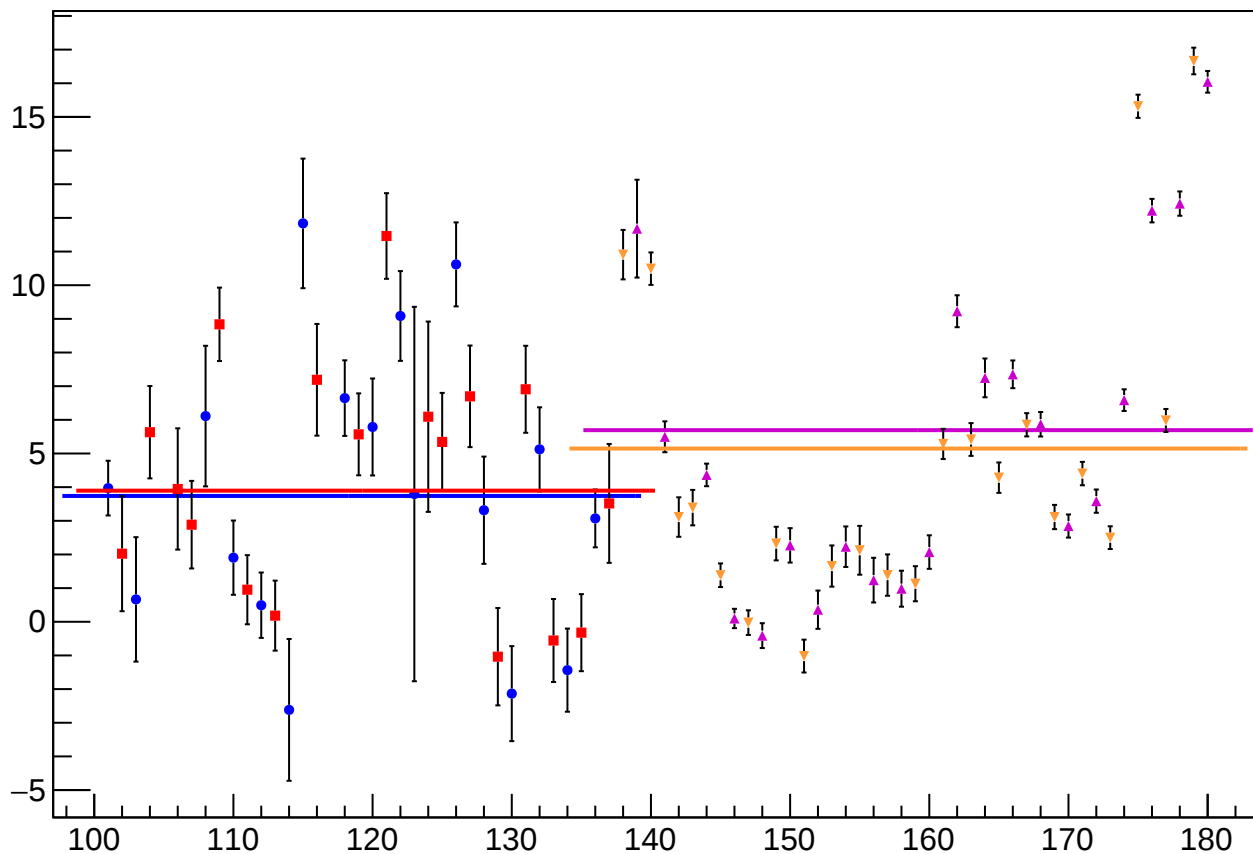
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -12.770+/-0.120 χ^2/NDF :6298.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.729+/-0.113 χ^2/NDF :7315.3/20

Left: -13.277+/-0.082 χ^2/NDF : 13647.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -13.729+/-0.113 χ^2/NDF :7315.3/20
 Out: -12.770+/-0.120 χ^2/NDF :6298.6/21
 All: -13.277+/-0.082 χ^2/NDF : 13647.8/42

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 5.148 ± 0.092 $\chi^2/\text{NDF}: 2691.1/21$

Right Out: 3.896 ± 0.316 $\chi^2/\text{NDF}: 134.9/17$

Left In: 5.694 ± 0.089 $\chi^2/\text{NDF}: 2949.4/20$

Left: 5.430 ± 0.064 $\chi^2/\text{NDF}: 5658.7/42$

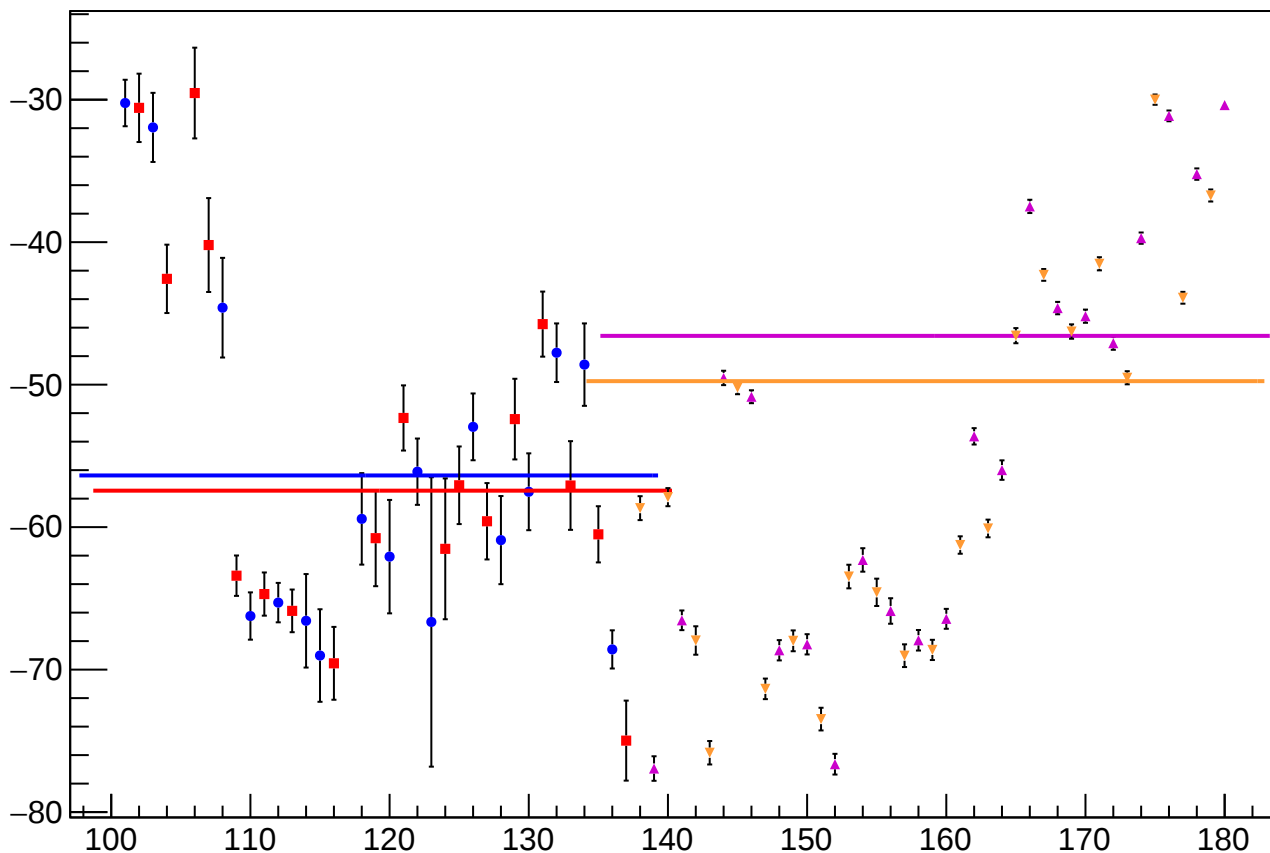
Right: 3.815 ± 0.221 $\chi^2/\text{NDF}: 271.9/34$

In: 5.544 ± 0.086 $\chi^2/\text{NDF}: 3123.2/37$

Out: 5.050 ± 0.088 $\chi^2/\text{NDF}: 2840.4/39$

All: 5.305 ± 0.061 $\chi^2/\text{NDF}: 5979.7/77$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



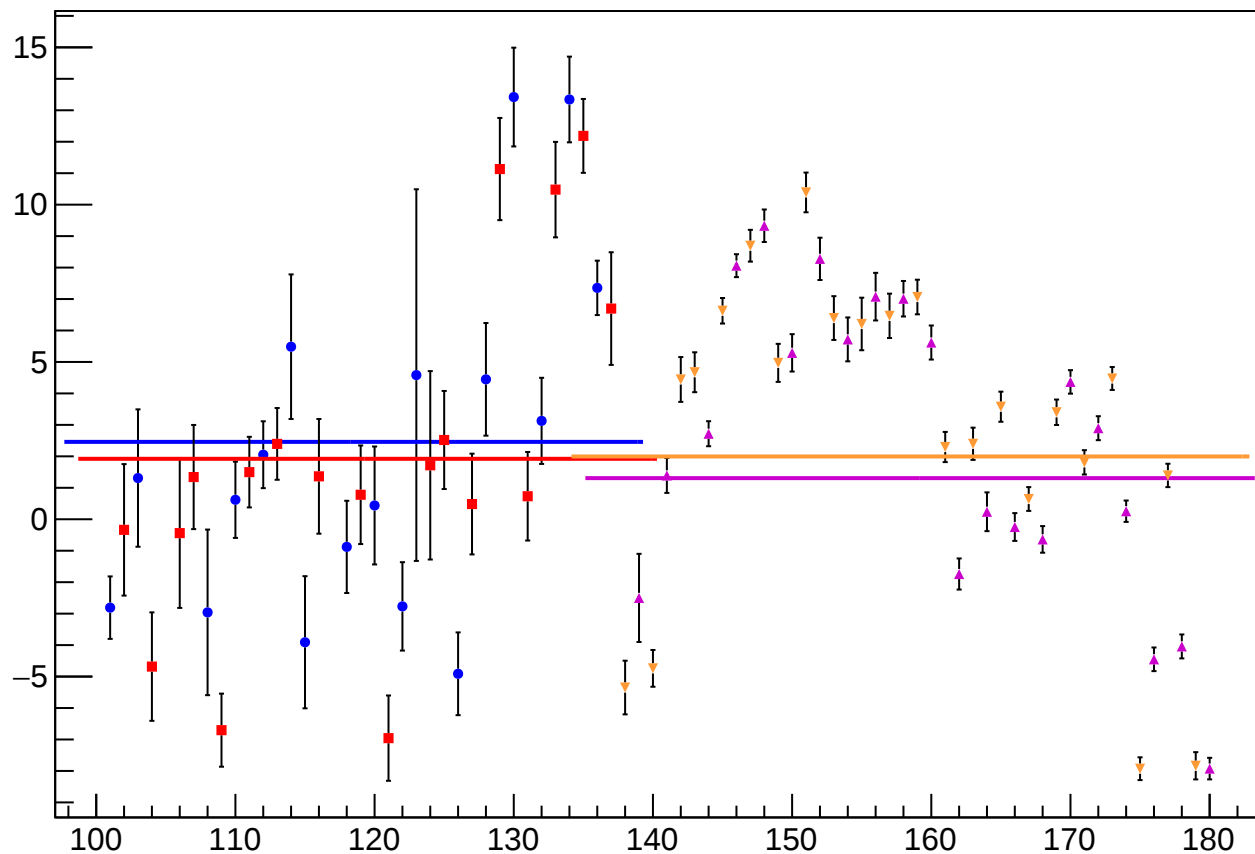
Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$
 Left Out: -49.754 ± 0.120 $\chi^2/\text{NDF}: 11316.5/21$
 Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$
 Left In: -46.576 ± 0.113 $\chi^2/\text{NDF}: 14273.0/20$

Left: -48.074 ± 0.082 $\chi^2/\text{NDF}: 25960.6/42$
 Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -46.984 ± 0.111 $\chi^2/\text{NDF}: 15172.6/37$
 Out: -50.119 ± 0.117 $\chi^2/\text{NDF}: 11952.6/39$

All: -48.466 ± 0.080 $\chi^2/\text{NDF}: 27503.3/77$

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: 1.996 ± 0.104 χ^2/NDF : 2288.0/21

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 1.307 ± 0.100 χ^2/NDF : 2346.9/20

Left: 1.640 ± 0.072 χ^2/NDF : 4657.6/42

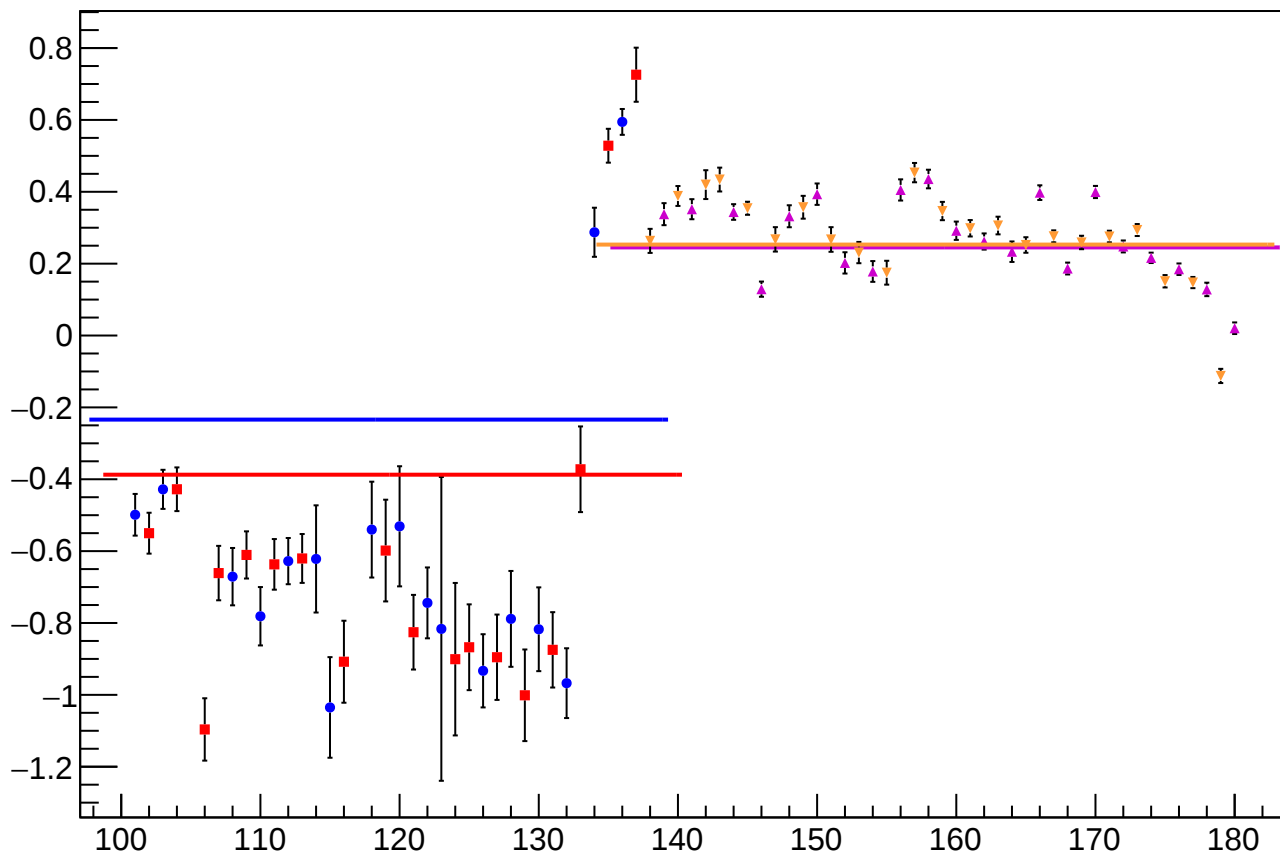
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 1.397 ± 0.096 χ^2/NDF : 2601.1/37

Out: 1.990 ± 0.100 χ^2/NDF : 2553.1/39

All: 1.683 ± 0.069 χ^2/NDF : 5172.5/77

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: 0.253 ± 0.005 χ^2/NDF : 629.4/21

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.245 ± 0.005 χ^2/NDF : 604.4/20

Left: 0.249 ± 0.003 χ^2/NDF : 1235.2/42

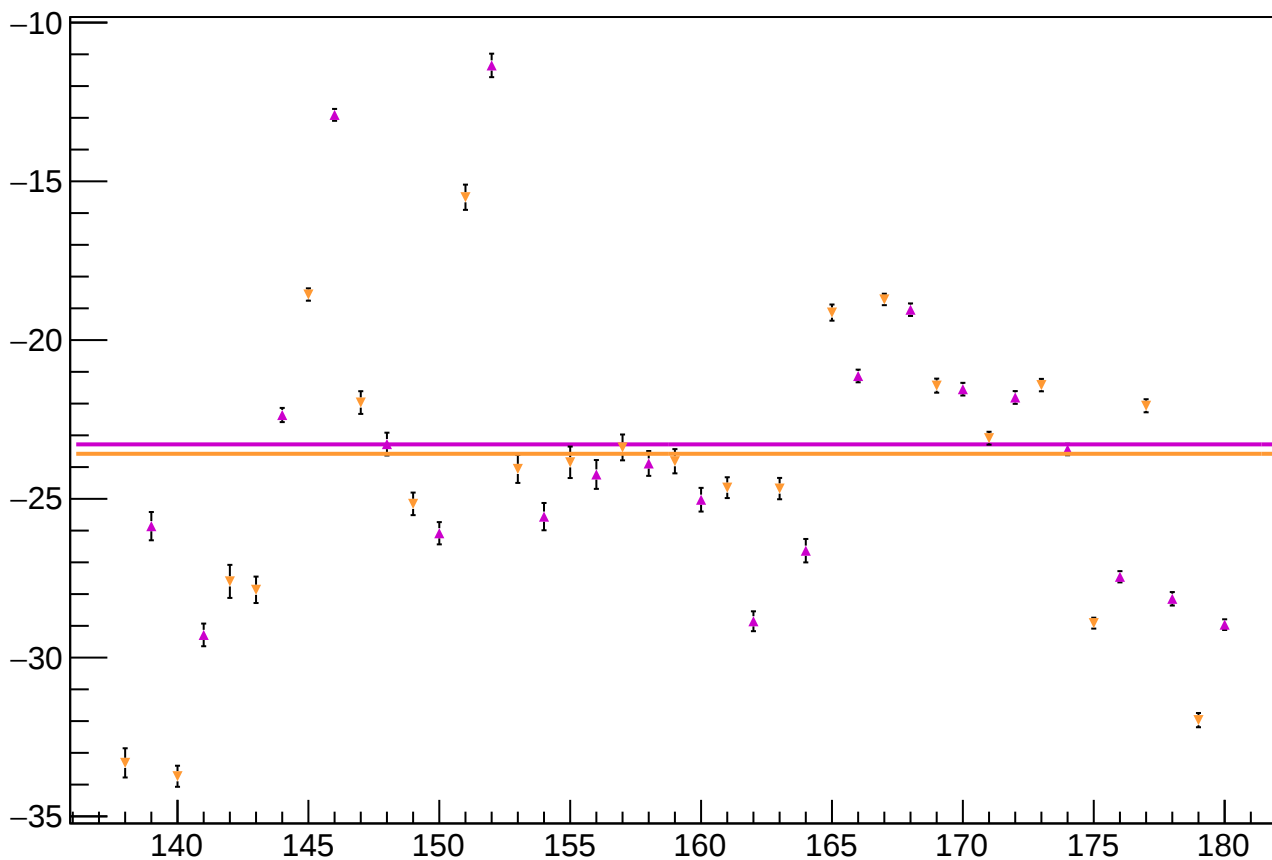
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.218 ± 0.004 χ^2/NDF : 2169.7/37

Out: 0.215 ± 0.005 χ^2/NDF : 2544.2/39

All: 0.217 ± 0.003 χ^2/NDF : 4714.2/77

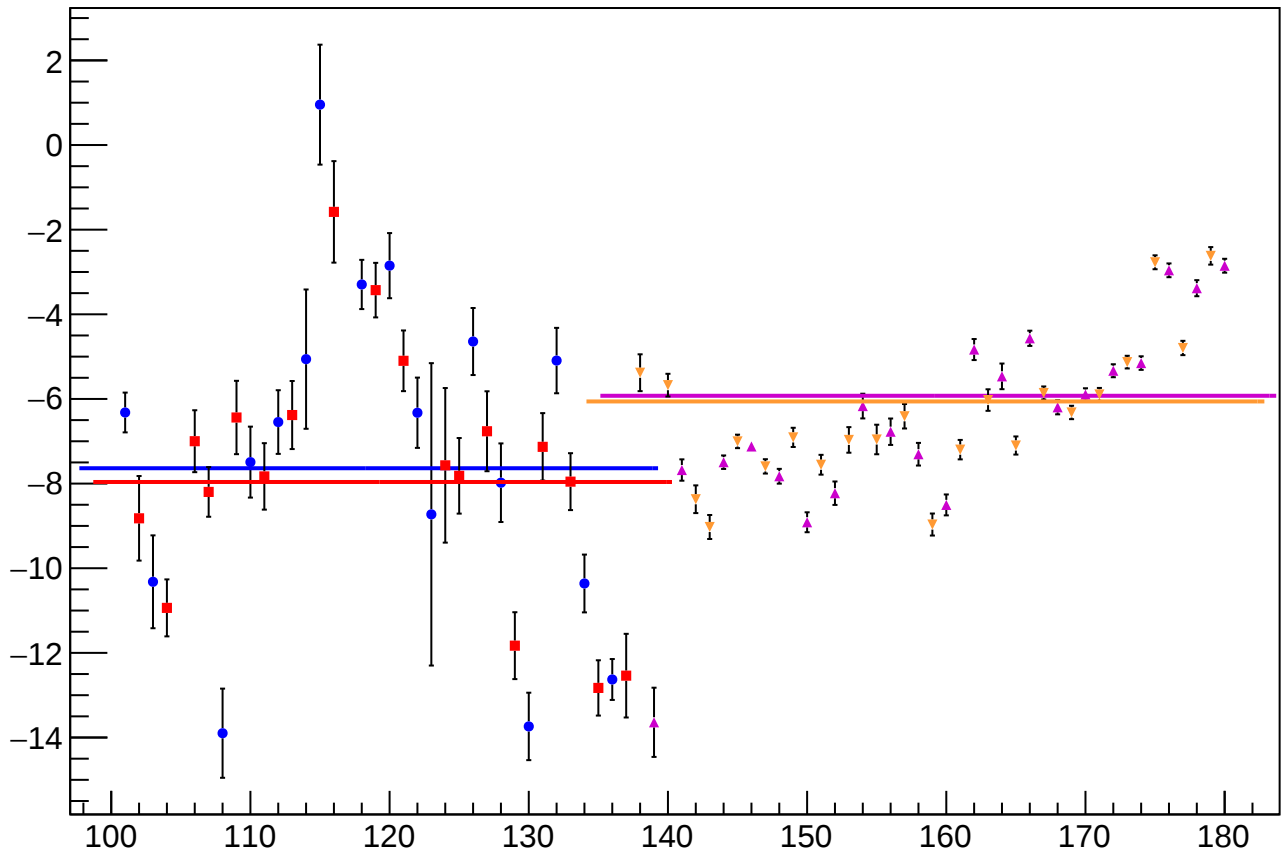
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -23.581 $\pm$ 0.057 χ^2/NDF :6359.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -23.285 $\pm$ 0.054 χ^2/NDF :7887.7/20

Left: -23.424 $\pm$ 0.039 χ^2/NDF : 14261.3/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -23.285 $\pm$ 0.054 χ^2/NDF :7887.7/20
 Out: -23.581 $\pm$ 0.057 χ^2/NDF :6359.3/21
 All: -23.424 $\pm$ 0.039 χ^2/NDF : 14261.3/42

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: -6.059 ± 0.044 χ^2/NDF : 1300.9/21

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -5.925 ± 0.042 χ^2/NDF : 1813.5/20

Left: -5.989 ± 0.030 χ^2/NDF : 3119.3/42

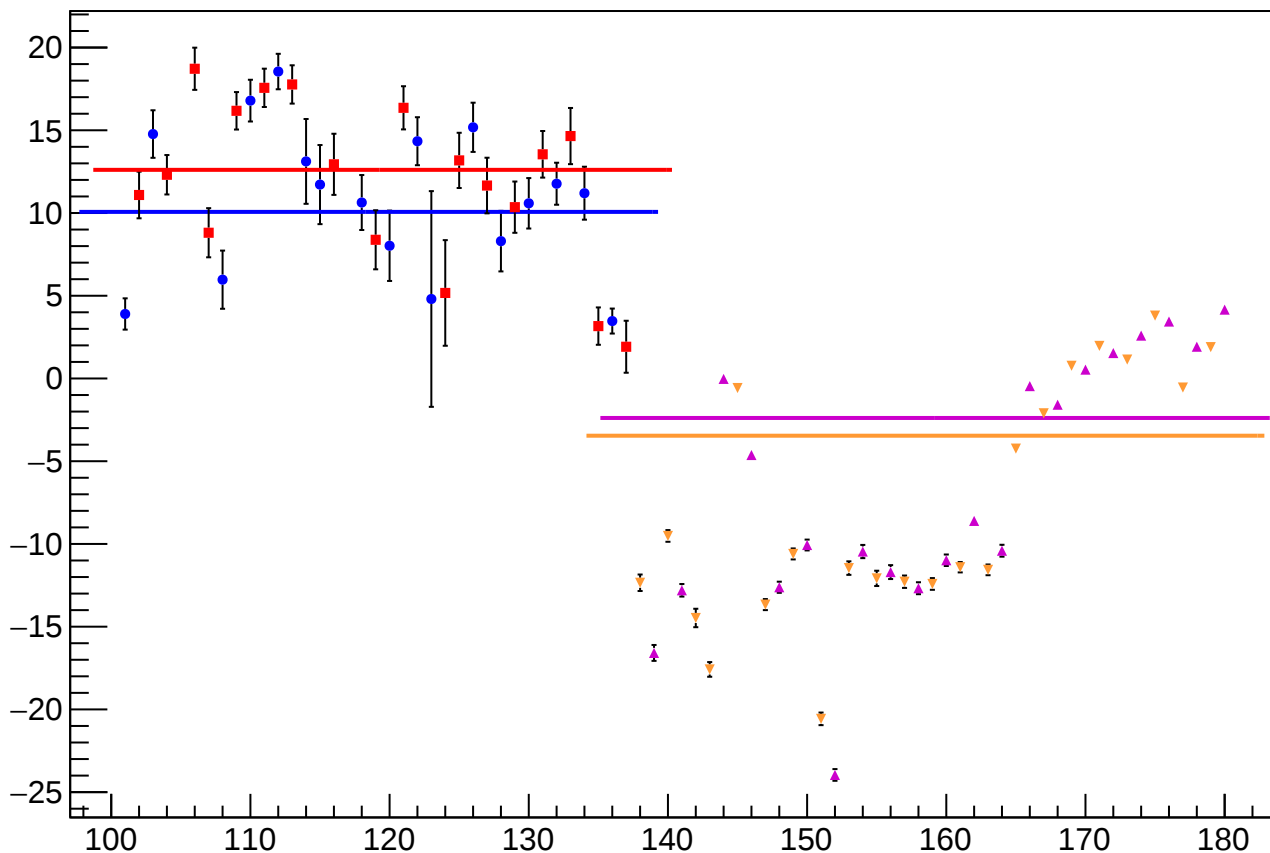
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.008 ± 0.041 χ^2/NDF : 2288.1/37

Out: -6.160 ± 0.043 χ^2/NDF : 1626.8/39

All: -6.080 ± 0.030 χ^2/NDF : 3921.5/77

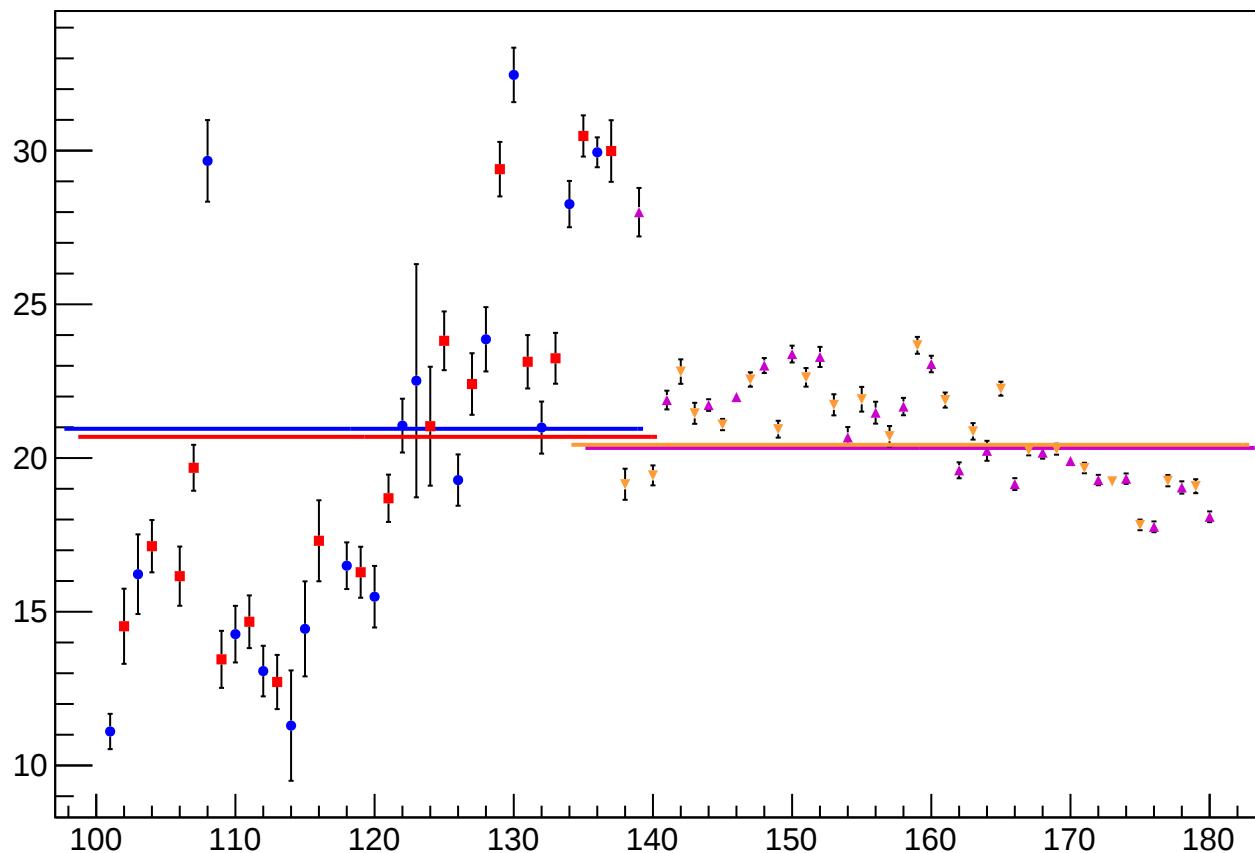
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -3.459 ± 0.057 $\chi^2/\text{NDF}: 13033.3/21$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -2.386 ± 0.054 $\chi^2/\text{NDF}: 14685.6/20$

Left: -2.889 ± 0.039 $\chi^2/\text{NDF}: 27905.5/42$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -2.078 ± 0.053 $\chi^2/\text{NDF}: 16267.9/37$
 Out: -2.998 ± 0.056 $\chi^2/\text{NDF}: 15512.3/39$
 All: -2.511 ± 0.039 $\chi^2/\text{NDF}: 31921.4/77$

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: 20.431 $\pm$ 0.049 χ^2 /NDF: 860.1/21

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.329 $\pm$ 0.047 χ^2 /NDF: 1313.0/20

Left: 20.378 $\pm$ 0.034 χ^2 /NDF: 2175.4/42

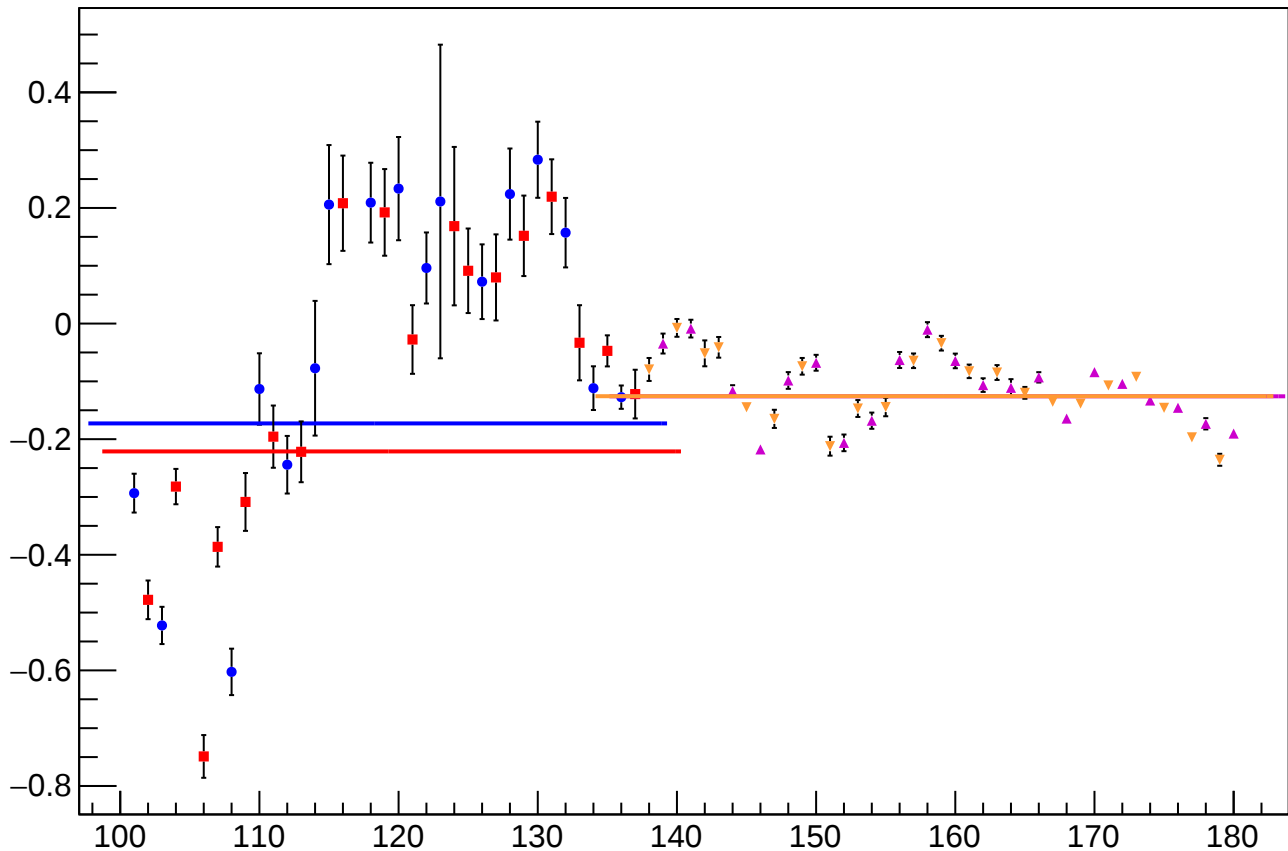
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.359 $\pm$ 0.046 χ^2 /NDF: 2544.2/37

Out: 20.444 $\pm$ 0.048 χ^2 /NDF: 1588.4/39

All: 20.400 $\pm$ 0.033 χ^2 /NDF: 4134.3/77

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: -0.126±/0.002 χ^2/NDF : 488.3/21

Right Out: -0.221±/0.011 χ^2/NDF : 535.1/17

Left In: -0.126±/0.002 χ^2/NDF : 567.8/20

Left: -0.126±/0.002 χ^2/NDF : 1056.1/42

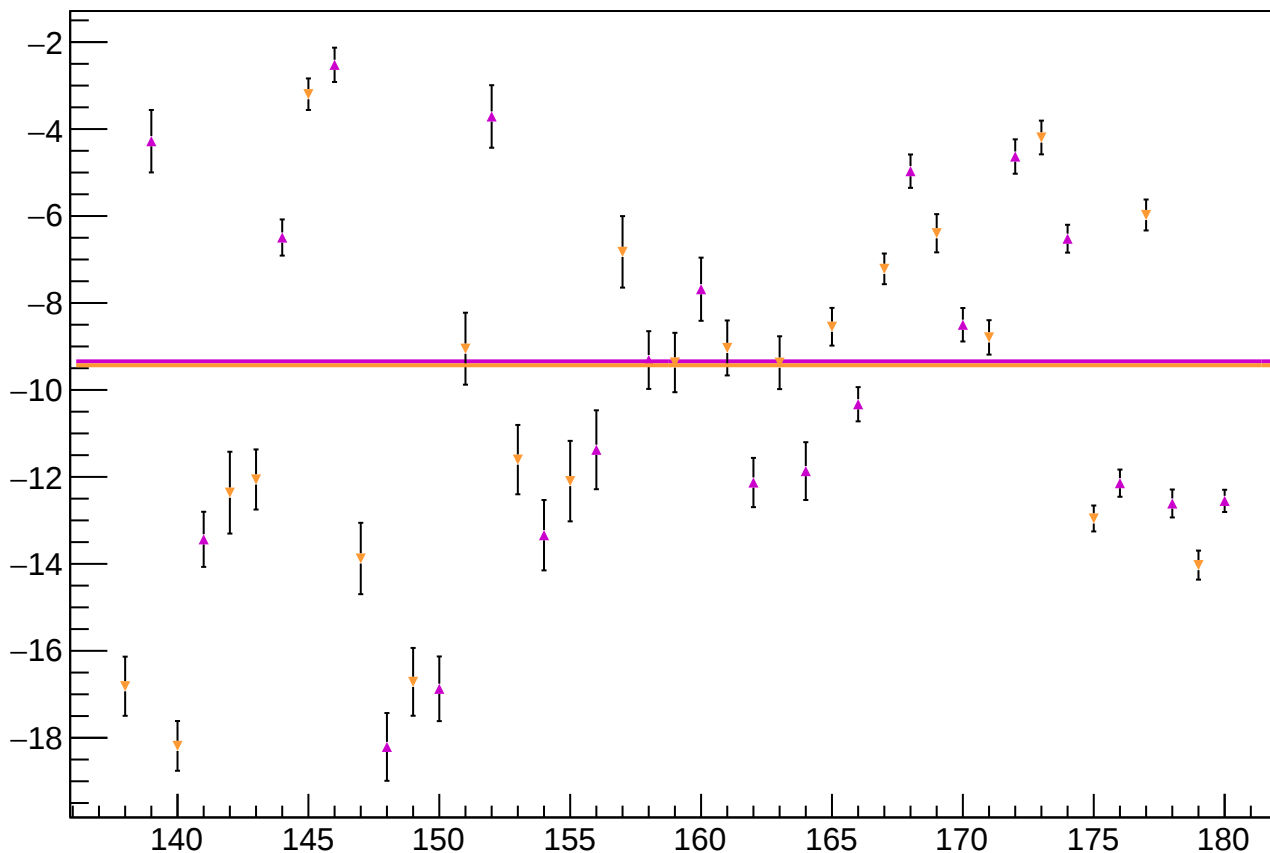
Right: -0.197±/0.008 χ^2/NDF : 1005.0/34

In: -0.128±/0.002 χ^2/NDF : 1045.1/37

Out: -0.130±/0.002 χ^2/NDF : 1096.2/39

All: -0.129±/0.002 χ^2/NDF : 2141.7/77

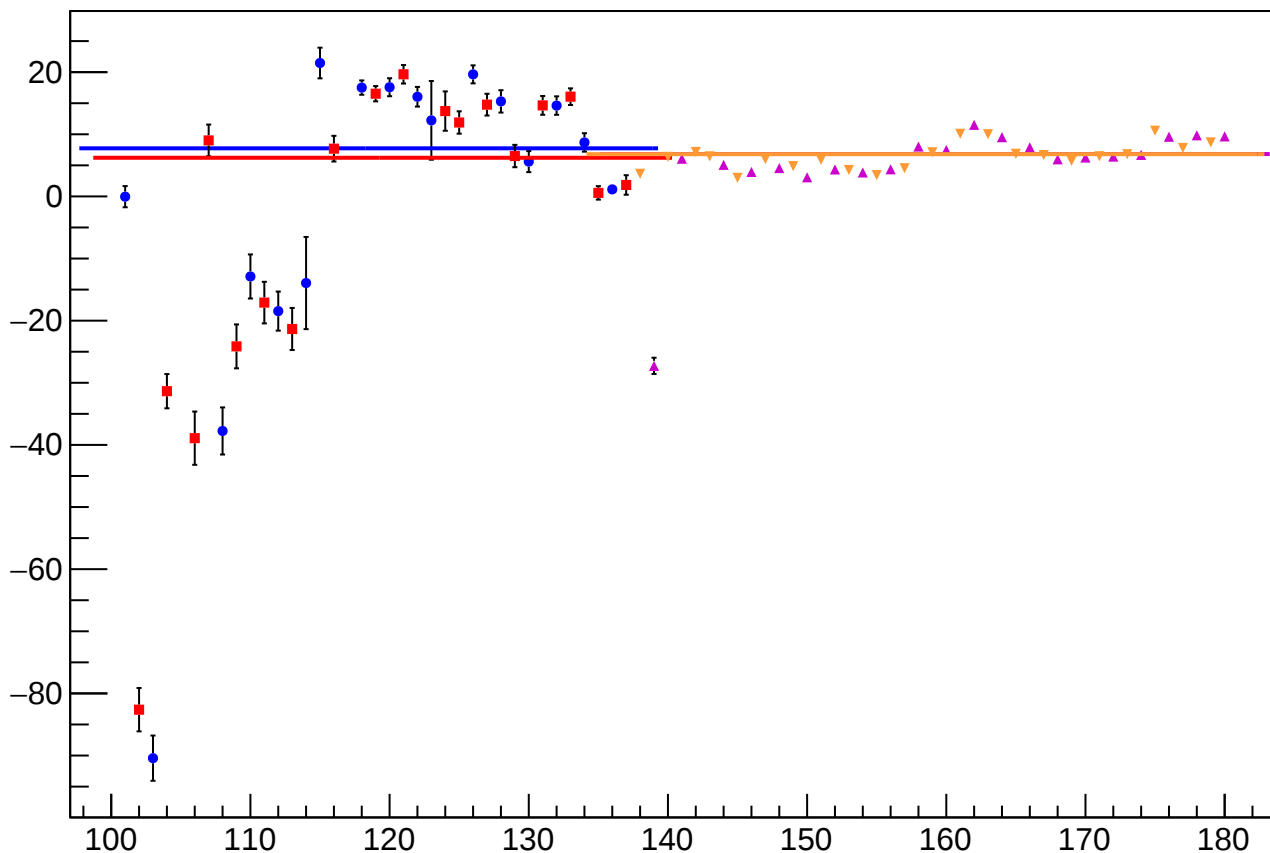
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.432+/-0.104 χ^2/NDF :1514.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.343+/-0.097 χ^2/NDF :1506.1/20

Left: -9.384+/-0.071 χ^2/NDF : 3021.2/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -9.343+/-0.097 χ^2/NDF :1506.1/20
 Out: -9.432+/-0.104 χ^2/NDF :1514.7/21
 All: -9.384+/-0.071 χ^2/NDF : 3021.2/42

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 6.801 ± 0.082 χ^2/NDF : 630.4/21

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 6.821 ± 0.078 χ^2/NDF : 1504.2/20

Left: 6.812 ± 0.056 χ^2/NDF : 2134.6/42

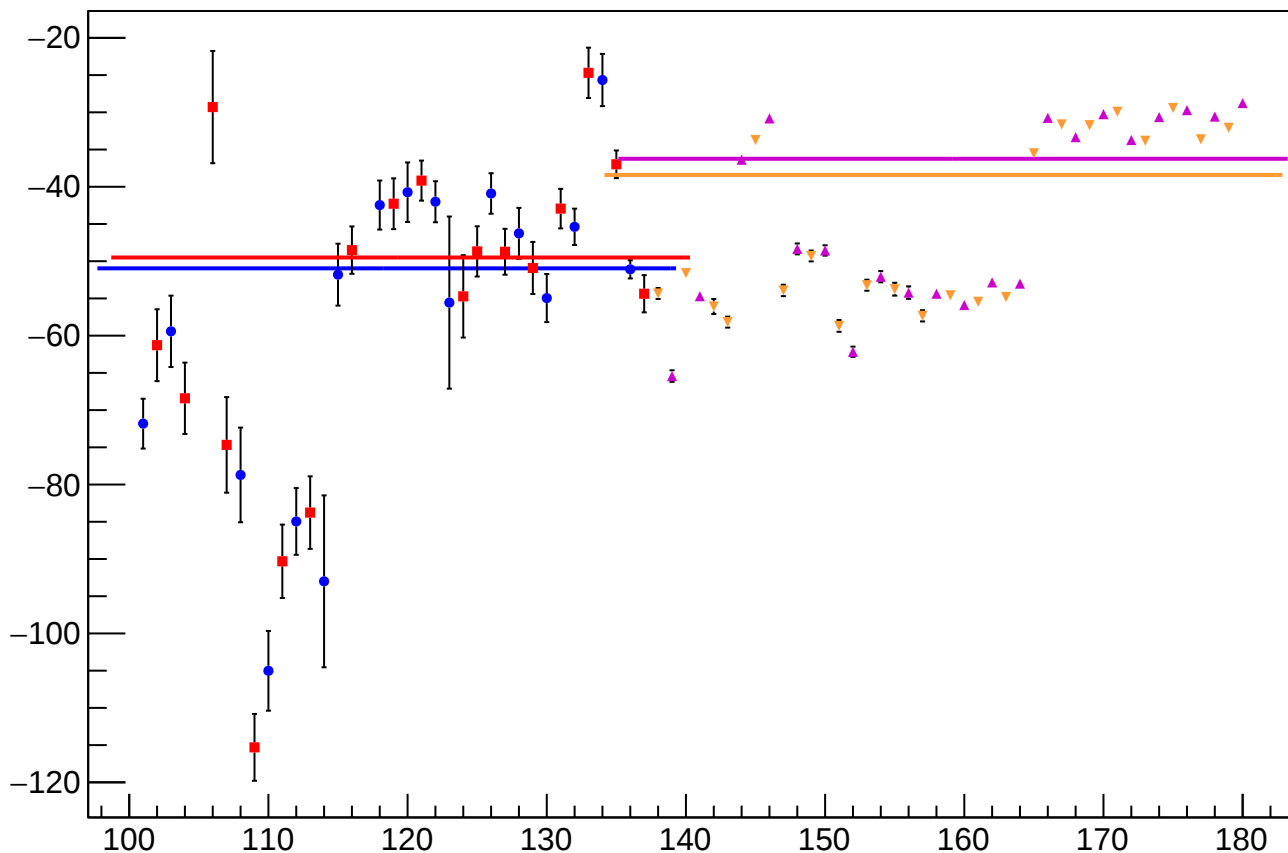
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 6.855 ± 0.077 χ^2/NDF : 2868.1/37

Out: 6.781 ± 0.080 χ^2/NDF : 2078.0/39

All: 6.820 ± 0.055 χ^2/NDF : 4946.6/77

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: -38.414 ± 0.105 χ^2/NDF : 9642.6/21

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -36.241 ± 0.097 χ^2/NDF : 11010.0/20

Left: -37.250 ± 0.071 χ^2/NDF : 20883.9/42

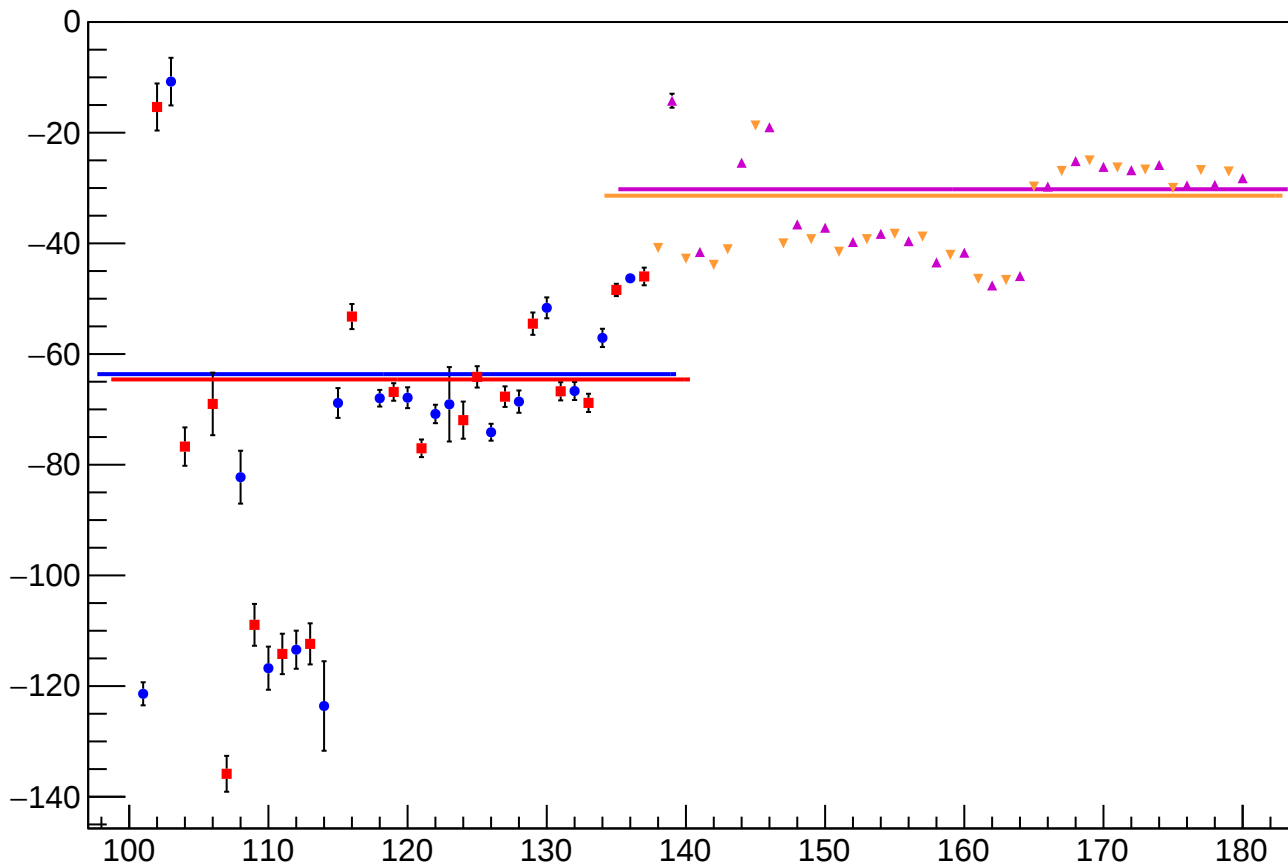
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -36.493 ± 0.097 χ^2/NDF : 11732.4/37

Out: -38.602 ± 0.104 χ^2/NDF : 10338.9/39

All: -37.472 ± 0.071 χ^2/NDF : 22292.8/77

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: -31.381 ± 0.091 χ^2/NDF : 7518.5/21

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -30.220 ± 0.087 χ^2/NDF : 6969.7/20

Left: -30.774 ± 0.063 χ^2/NDF : 14572.8/42

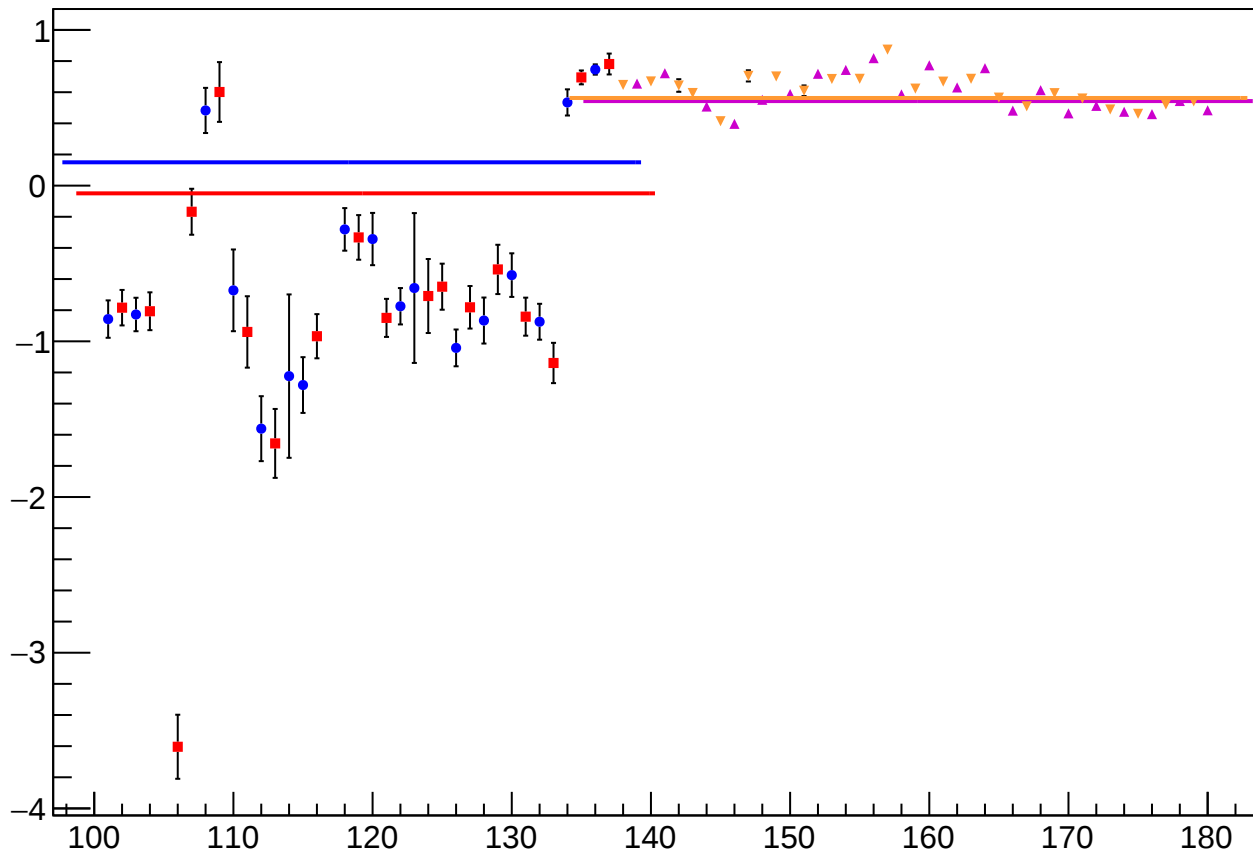
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.452 ± 0.086 χ^2/NDF : 14389.6/37

Out: -32.530 ± 0.090 χ^2/NDF : 13692.4/39

All: -31.966 ± 0.062 χ^2/NDF : 28157.6/77

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2 /NDF: 989.2/16

Left Out: 0.563 $\pm$ 0.004 χ^2 /NDF: 509.9/21

Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17

Left In: 0.543 $\pm$ 0.004 χ^2 /NDF: 658.9/20

Left: 0.553 $\pm$ 0.003 χ^2 /NDF: 1180.7/42

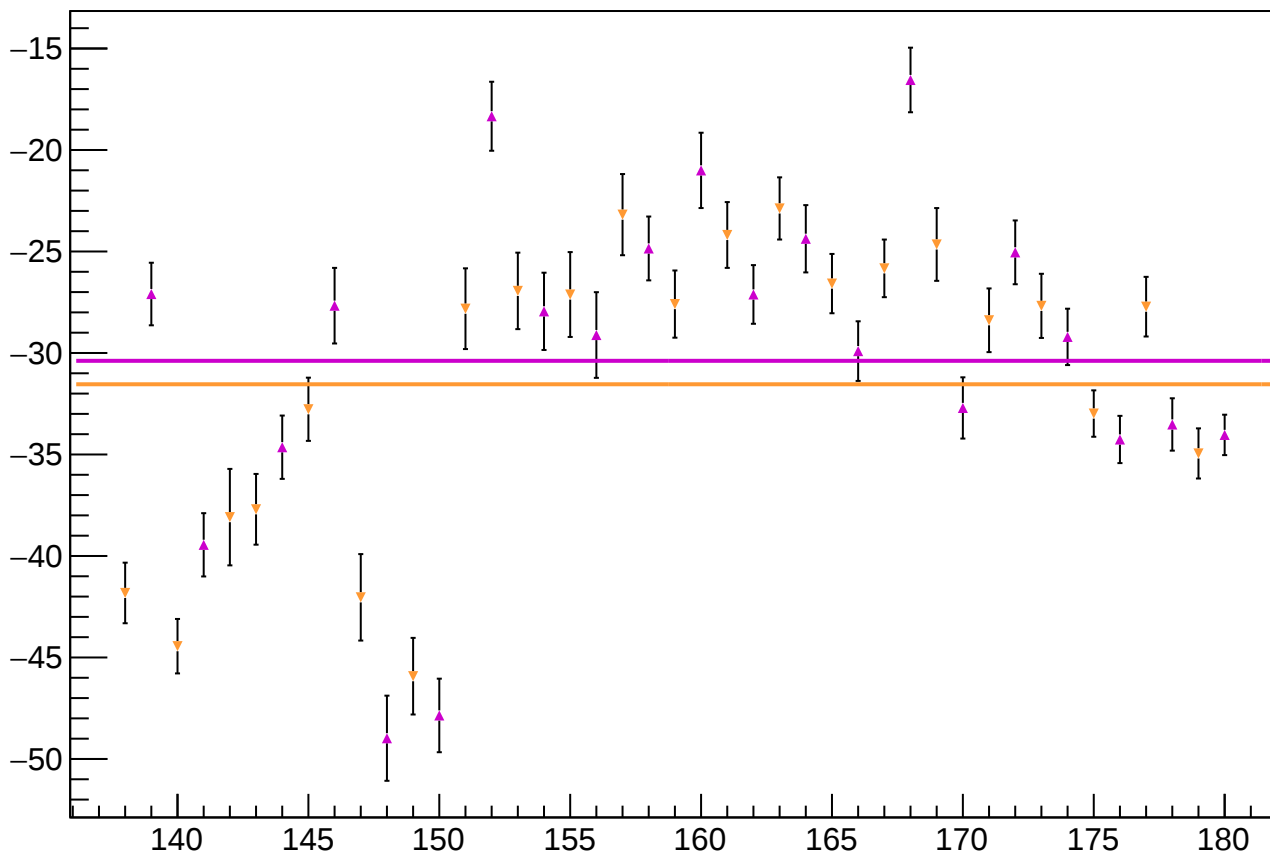
Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34

In: 0.532 $\pm$ 0.004 χ^2 /NDF: 1909.6/37

Out: 0.548 $\pm$ 0.004 χ^2 /NDF: 2195.8/39

All: 0.540 $\pm$ 0.003 χ^2 /NDF: 4112.7/77

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.541+/-0.341 χ^2/NDF :401.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.386+/-0.333 χ^2/NDF :448.8/20

Left: -30.949+/-0.238 χ^2/NDF : 855.8/42

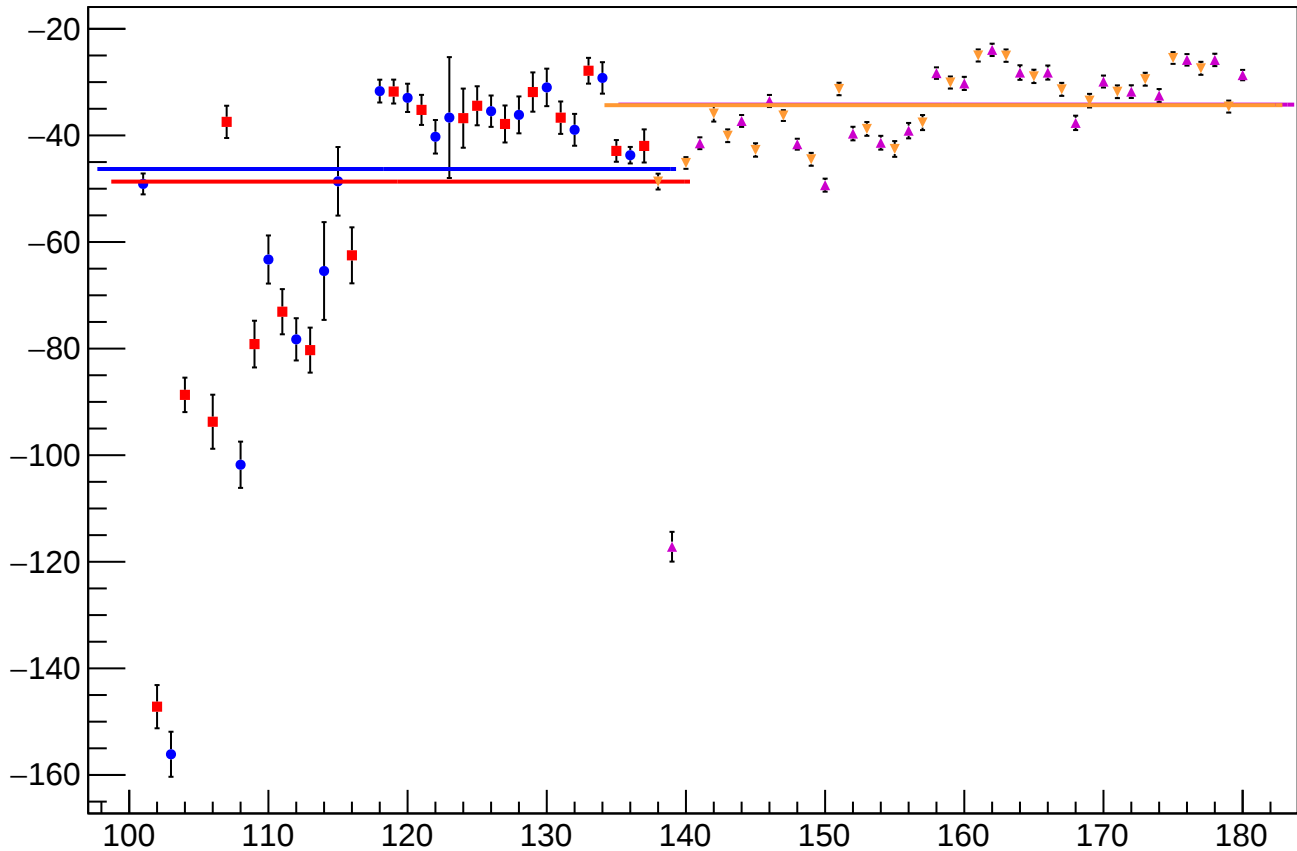
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.386+/-0.333 χ^2/NDF :448.8/20

Out: -31.541+/-0.341 χ^2/NDF :401.1/21

All: -30.949+/-0.238 χ^2/NDF : 855.8/42

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.326 ± 0.259 χ^2/NDF : 675.4/21

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -34.221 ± 0.262 χ^2/NDF : 1529.0/20

Left: -34.274 ± 0.184 χ^2/NDF : 2204.5/42

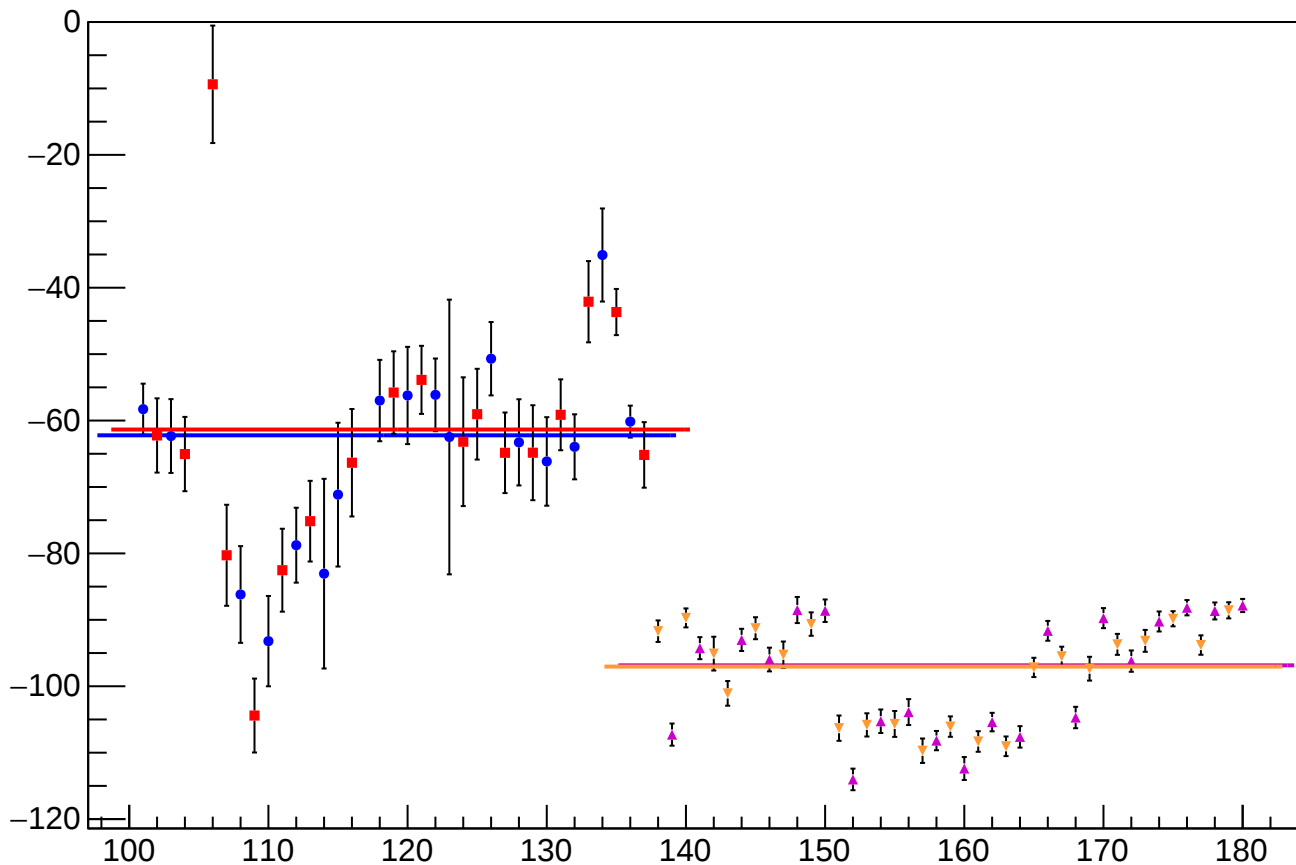
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -35.626 ± 0.247 χ^2/NDF : 2859.4/37

Out: -35.810 ± 0.246 χ^2/NDF : 2204.1/39

All: -35.718 ± 0.174 χ^2/NDF : 5063.7/77

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: -97.037 ± 0.340 χ^2/NDF : 442.6/21

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -96.851 ± 0.330 χ^2/NDF : 717.5/20

Left: -96.941 ± 0.237 χ^2/NDF : 1160.2/42

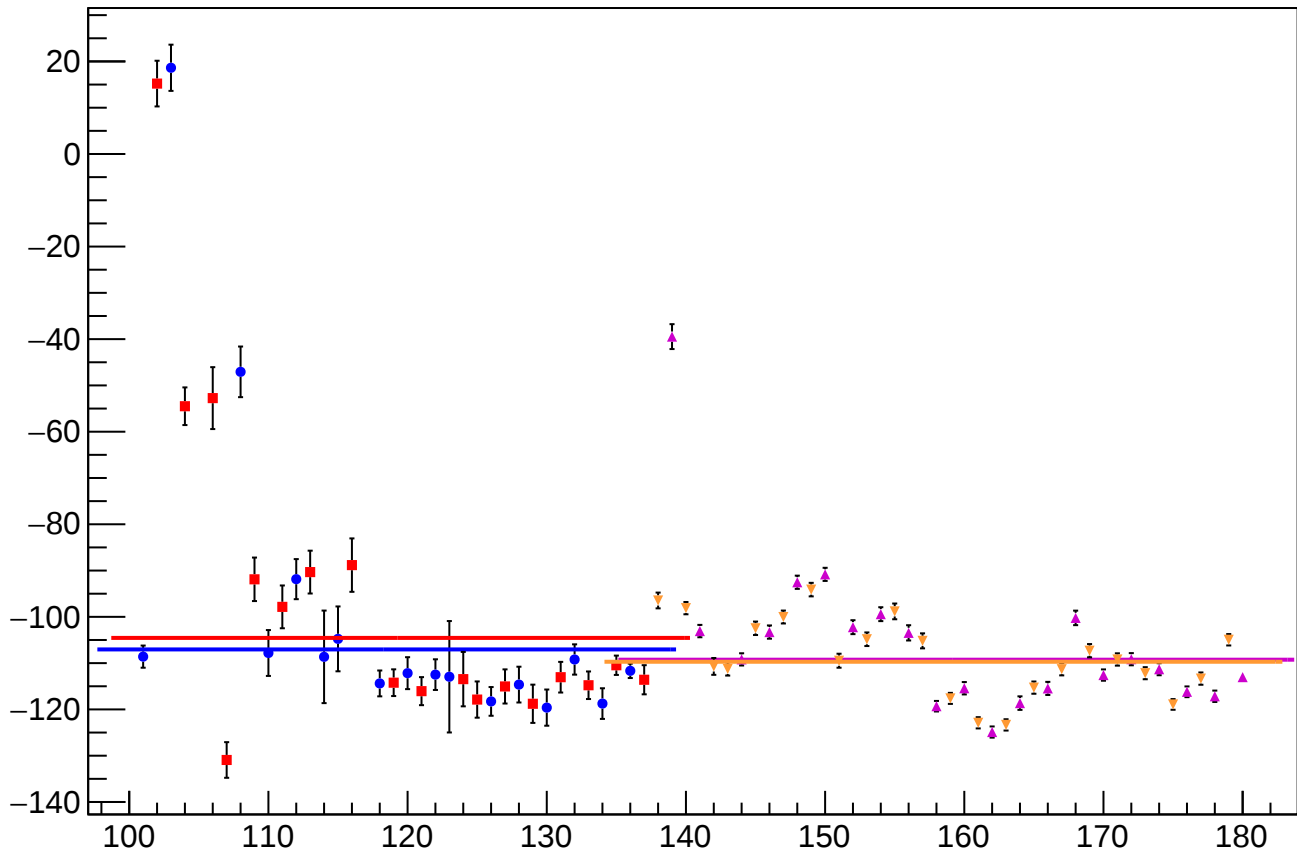
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -94.784 ± 0.320 χ^2/NDF : 1440.3/37

Out: -95.004 ± 0.330 χ^2/NDF : 1229.0/39

All: -94.891 ± 0.230 χ^2/NDF : 2669.5/77

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: -109.702 ± 0.294 χ^2/NDF : 782.4/21

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -109.259 ± 0.294 χ^2/NDF : 1556.2/20

Left: -109.481 ± 0.208 χ^2/NDF : 2339.8/42

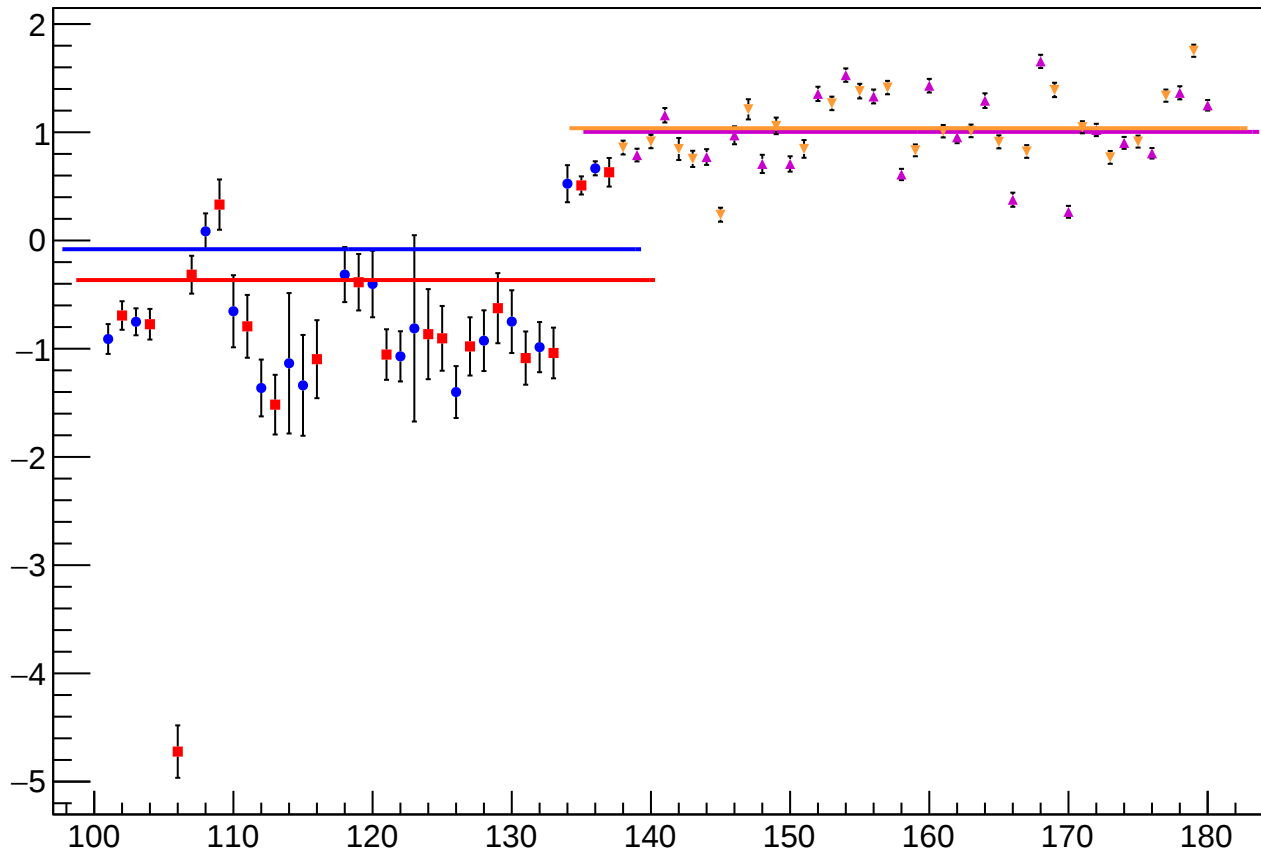
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -109.002 ± 0.277 χ^2/NDF : 2390.7/37

Out: -109.164 ± 0.278 χ^2/NDF : 1782.0/39

All: -109.083 ± 0.196 χ^2/NDF : 4172.8/77

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: 1.037 ± 0.014 χ^2/NDF : 543.3/21

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 1.004 ± 0.013 χ^2/NDF : 771.8/20

Left: 1.020 ± 0.009 χ^2/NDF : 1318.3/42

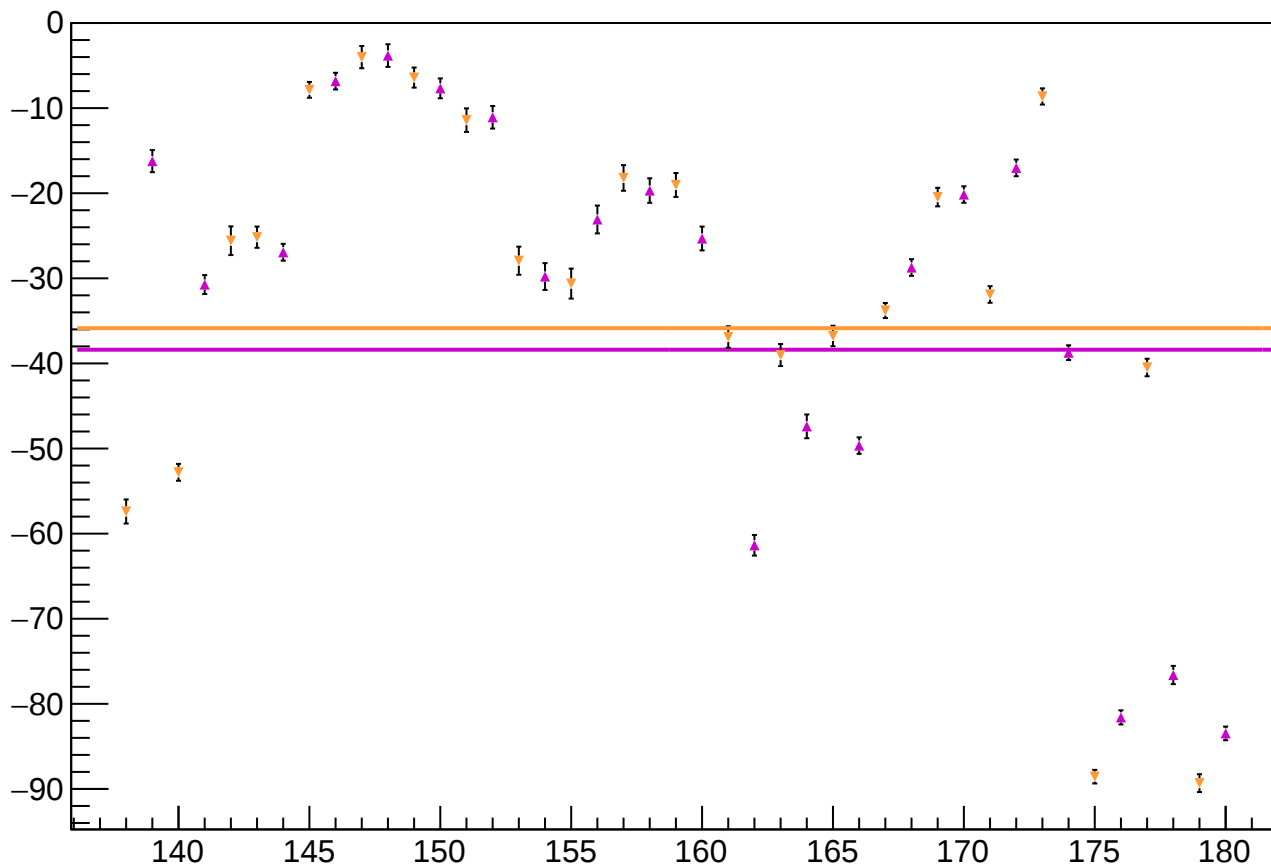
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.906 ± 0.013 χ^2/NDF : 1701.6/37

Out: 0.916 ± 0.013 χ^2/NDF : 2045.0/39

All: 0.911 ± 0.009 χ^2/NDF : 3746.9/77

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: -35.863+/-0.244 χ^2/NDF :11382.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Left: -37.160+/-0.170 χ^2/NDF : 23687.2/42

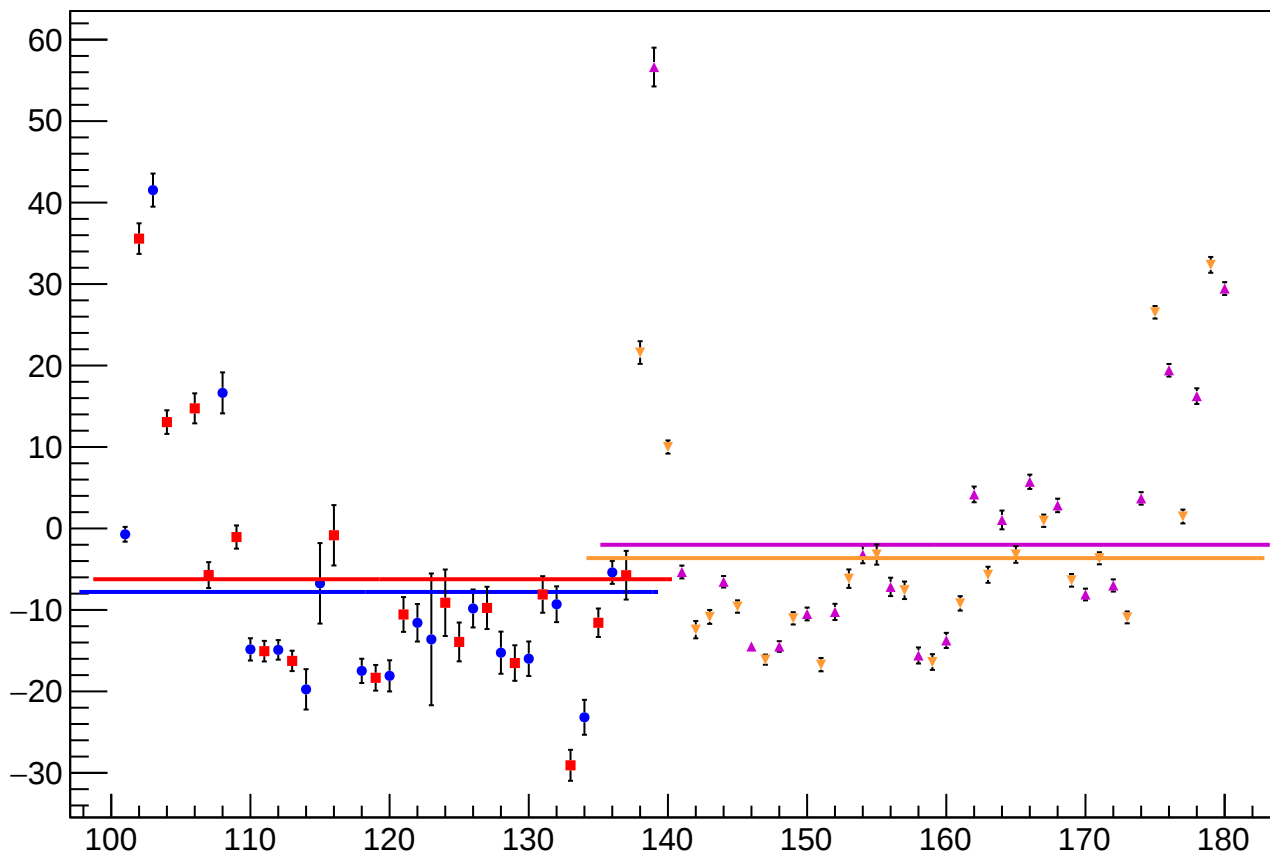
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Out: -35.863+/-0.244 χ^2/NDF :11382.5/21

All: -37.160+/-0.170 χ^2/NDF : 23687.2/42

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: -3.639 ± 0.184 χ^2/NDF : 4901.6/21

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -2.005 ± 0.184 χ^2/NDF : 5055.2/20

Left: -2.823 ± 0.130 χ^2/NDF : 9996.4/42

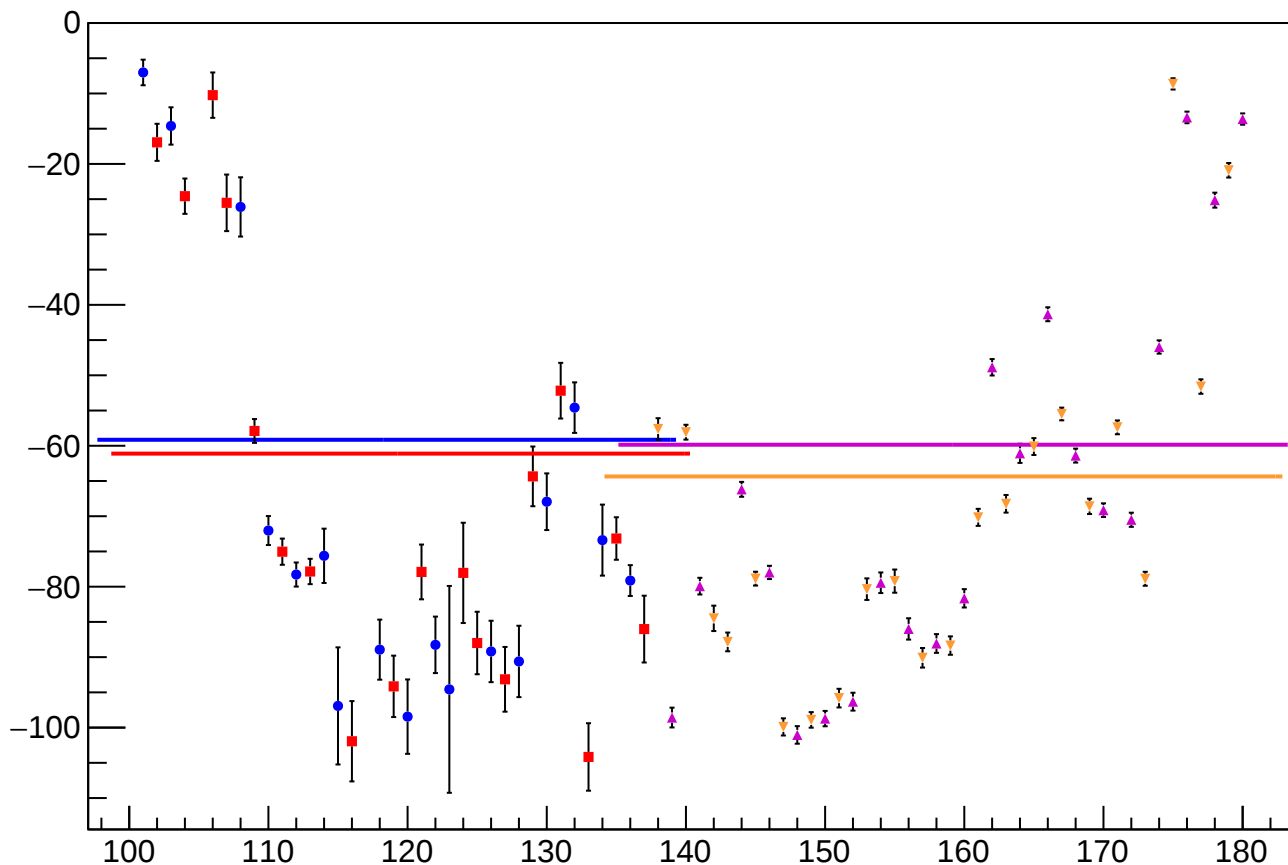
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -2.907 ± 0.169 χ^2/NDF : 6192.4/37

Out: -4.039 ± 0.169 χ^2/NDF : 6115.4/39

All: -3.473 ± 0.119 χ^2/NDF : 12330.3/77

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: -64.357 $\pm$ 0.244 χ^2 /NDF:11162.7/21

Right Out: -61.113 $\pm$ 0.708 χ^2 /NDF: 1317.8/17

Left In: -59.853 $\pm$ 0.237 χ^2 /NDF:14293.0/20

Left: -62.038 $\pm$ 0.170 χ^2 /NDF: 25631.0/42

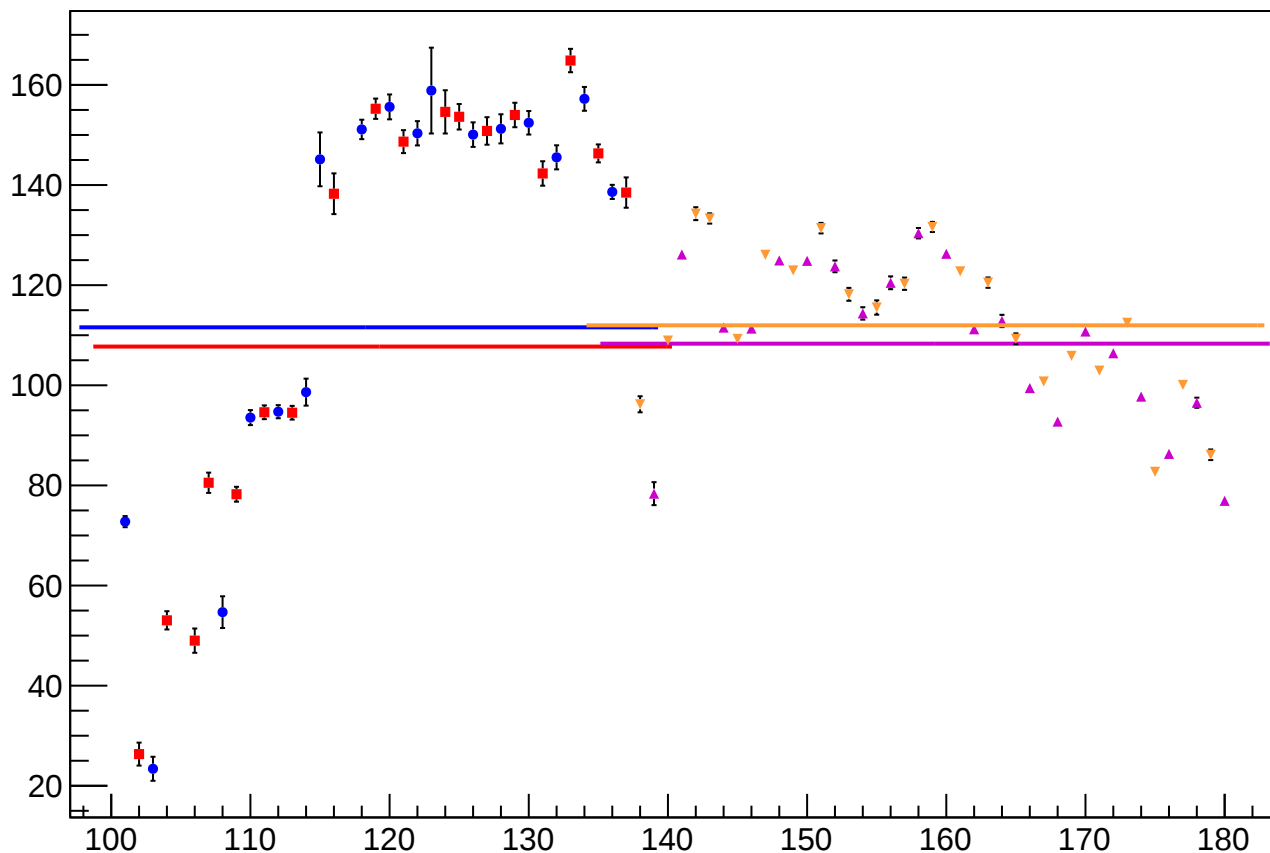
Right: -60.182 $\pm$ 0.513 χ^2 /NDF: 3039.8/34

In: -59.788 $\pm$ 0.226 χ^2 /NDF:16012.1/37

Out: -64.012 $\pm$ 0.231 χ^2 /NDF:12499.2/39

All: -61.854 $\pm$ 0.161 χ^2 /NDF: 28682.6/77

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: 111.977 $\pm$ 0.209 χ^2 /NDF: 4678.6/21

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 108.315 $\pm$ 0.208 χ^2 /NDF: 5062.8/20

Left: 110.137 $\pm$ 0.148 χ^2 /NDF: 9895.2/42

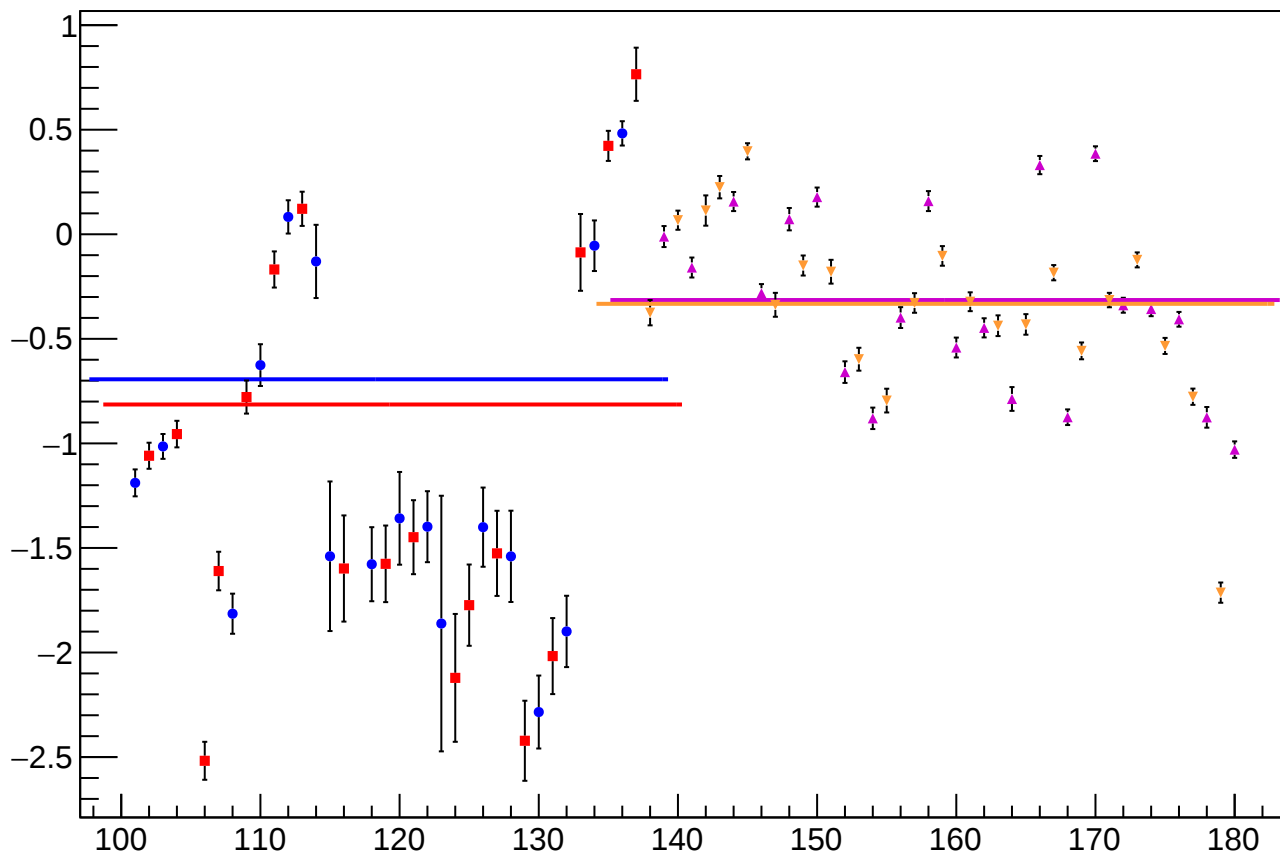
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 108.819 $\pm$ 0.192 χ^2 /NDF: 11046.7/37

Out: 111.319 $\pm$ 0.192 χ^2 /NDF: 11578.5/39

All: 110.063 $\pm$ 0.136 χ^2 /NDF: 22709.9/77

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: -0.333 ± 0.010 χ^2/NDF : 1779.5/21

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.314 ± 0.010 χ^2/NDF : 1992.9/20

Left: -0.323 ± 0.007 χ^2/NDF : 3774.2/42

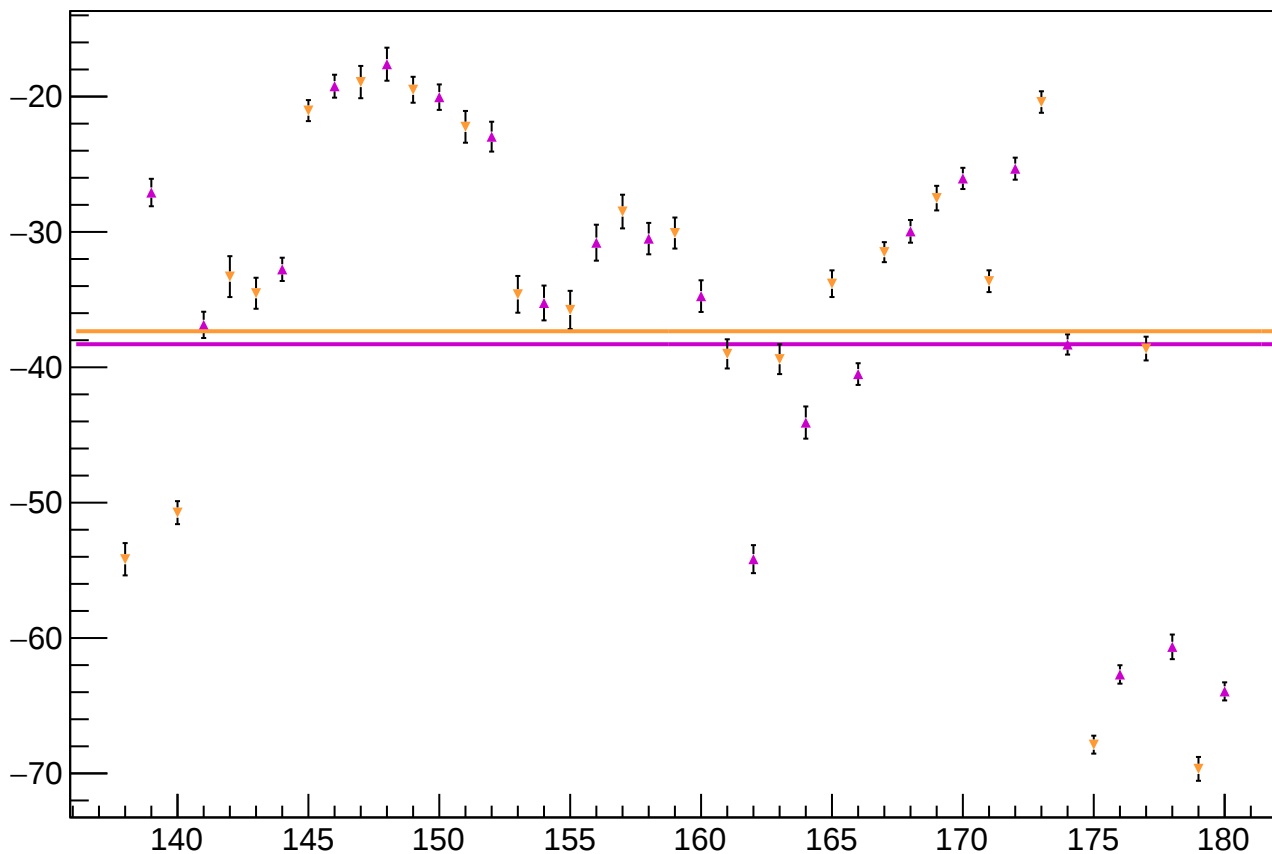
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.360 ± 0.009 χ^2/NDF : 3173.5/37

Out: -0.398 ± 0.009 χ^2/NDF : 3422.4/39

All: -0.379 ± 0.006 χ^2/NDF : 6604.8/77

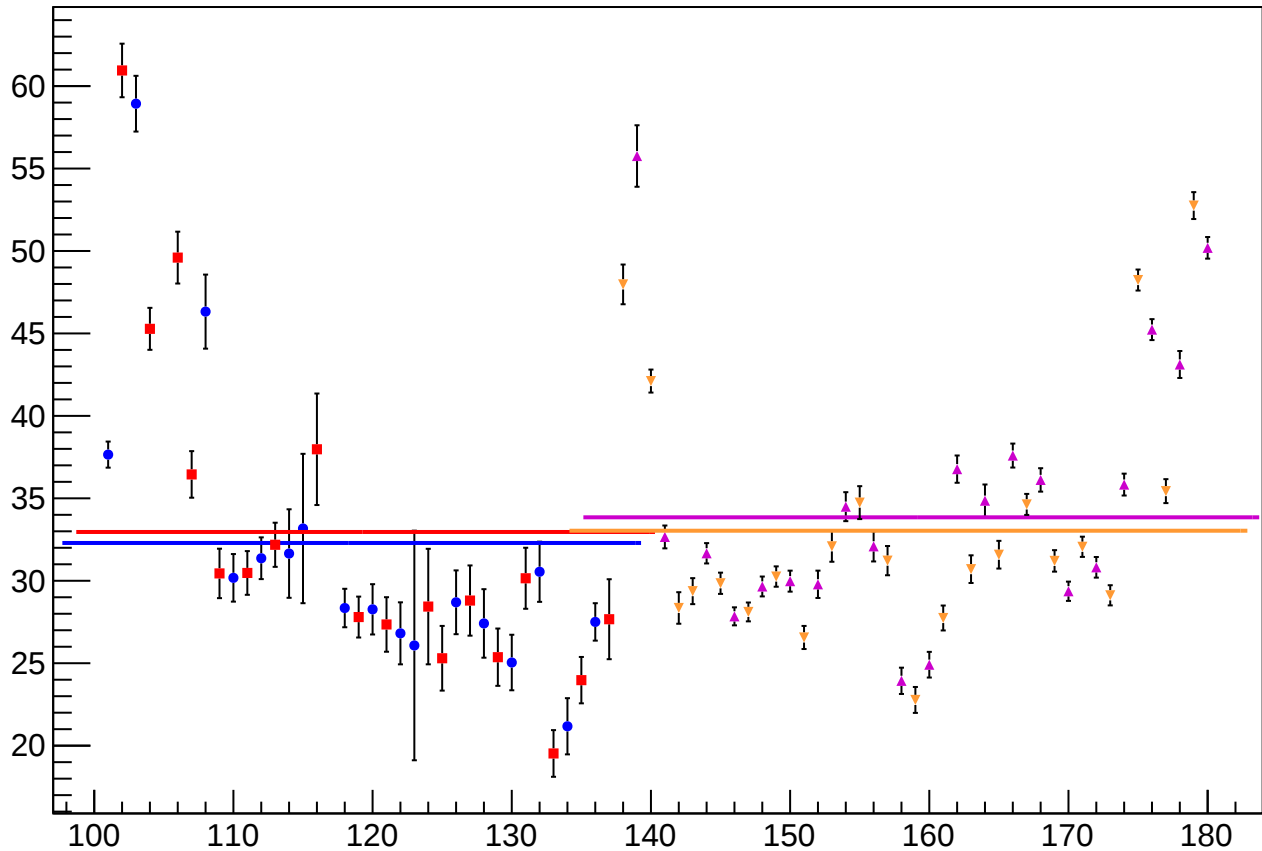
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -37.336+/-0.206 χ^2 /NDF:5894.9/21
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -38.295+/-0.199 χ^2 /NDF:5844.9/20

Left: -37.831+/-0.143 χ^2 /NDF: 11751.1/42
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -38.295+/-0.199 χ^2 /NDF:5844.9/20
 Out: -37.336+/-0.206 χ^2 /NDF:5894.9/21
 All: -37.831+/-0.143 χ^2 /NDF: 11751.1/42

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 33.036 ± 0.156 $\chi^2/\text{NDF}: 2033.6/21$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 33.848 ± 0.156 $\chi^2/\text{NDF}: 1887.6/20$

Left: 33.442 ± 0.110 $\chi^2/\text{NDF}: 3934.8/42$

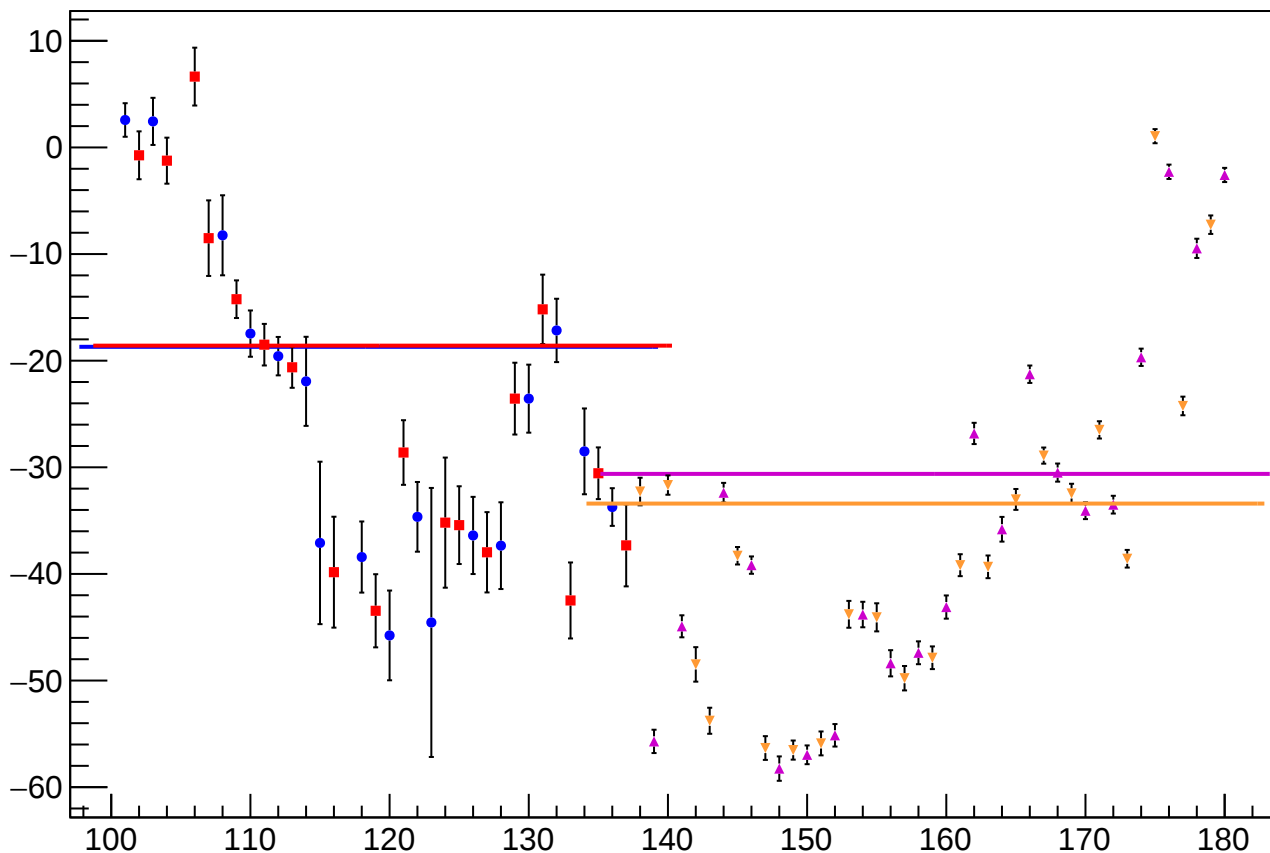
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 33.617 ± 0.144 $\chi^2/\text{NDF}: 2354.9/37$

Out: 33.025 ± 0.144 $\chi^2/\text{NDF}: 2757.7/39$

All: 33.322 ± 0.102 $\chi^2/\text{NDF}: 5121.0/77$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -33.402 ± 0.205 $\chi^2/\text{NDF}: 6358.1/21$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -30.618 ± 0.198 $\chi^2/\text{NDF}: 8030.5/20$

Left: -31.964 ± 0.143 $\chi^2/\text{NDF}: 14483.8/42$

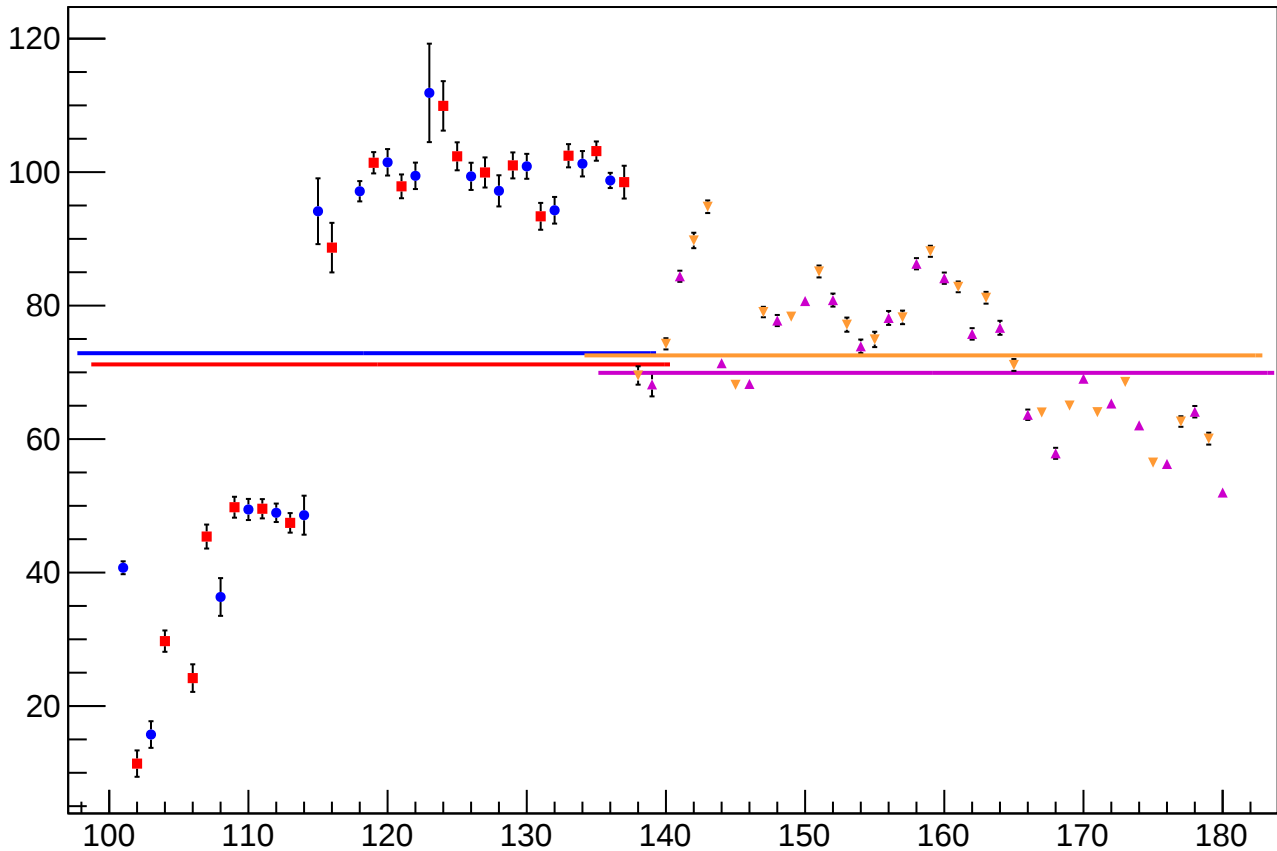
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -29.648 ± 0.190 $\chi^2/\text{NDF}: 8843.3/37$

Out: -32.052 ± 0.195 $\chi^2/\text{NDF}: 7294.9/39$

All: -30.817 ± 0.136 $\chi^2/\text{NDF}: 16216.0/77$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2 /NDF: 4727.1/16

Left Out: 72.541+/-0.177 χ^2 /NDF:3196.1/21

Right Out: 71.190+/-0.434 χ^2 /NDF: 5375.1/17

Left In: 69.925+/-0.176 χ^2 /NDF:3123.4/20

Left: 71.224+/-0.125 χ^2 /NDF: 6429.6/42

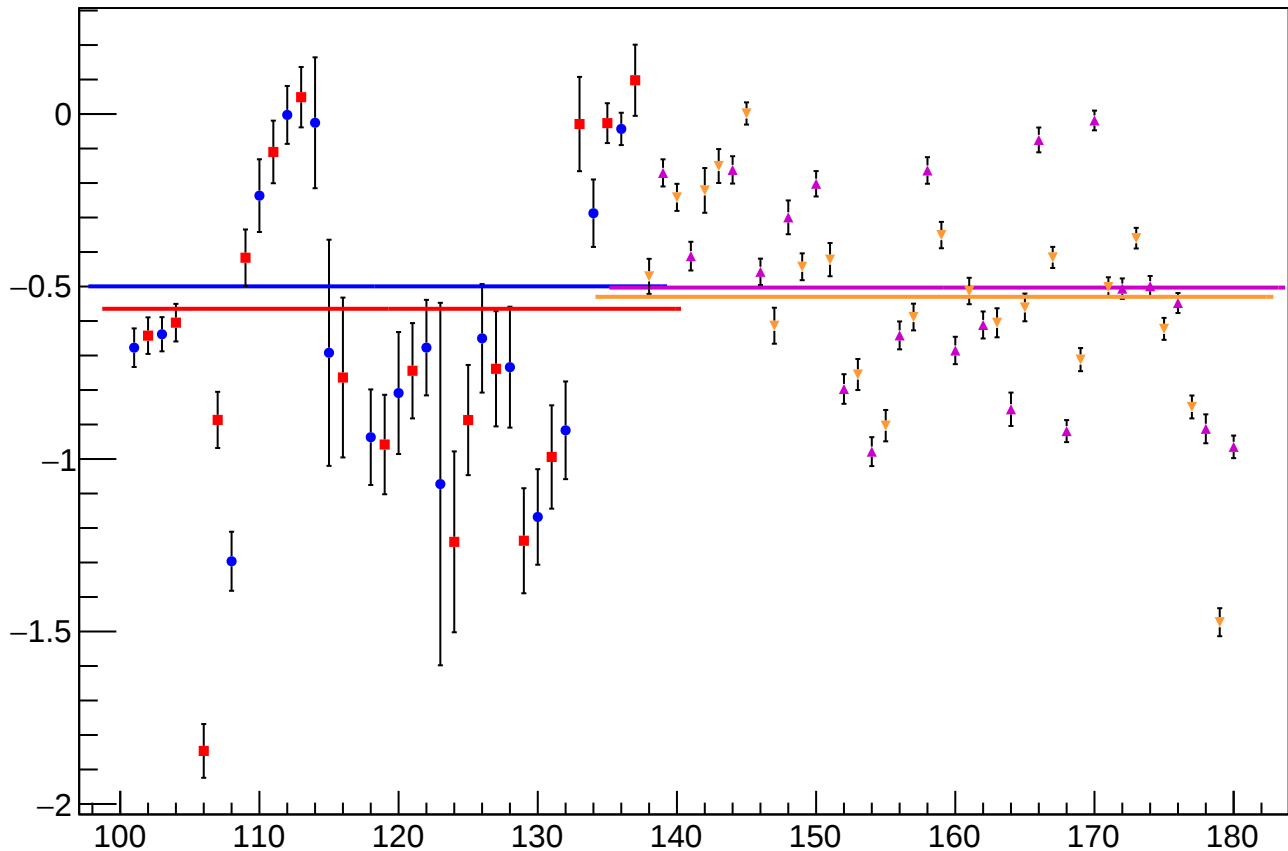
Right: 72.045+/-0.304 χ^2 /NDF: 10109.9/34

In: 70.352+/-0.162 χ^2 /NDF:7891.3/37

Out: 72.348+/-0.164 χ^2 /NDF:8579.5/39

All: 71.342+/-0.115 χ^2 /NDF: 16545.7/77

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: -0.530 ± 0.008 χ^2/NDF : 1261.0/21

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.503 ± 0.008 χ^2/NDF : 1478.2/20

Left: -0.516 ± 0.006 χ^2/NDF : 2744.7/42

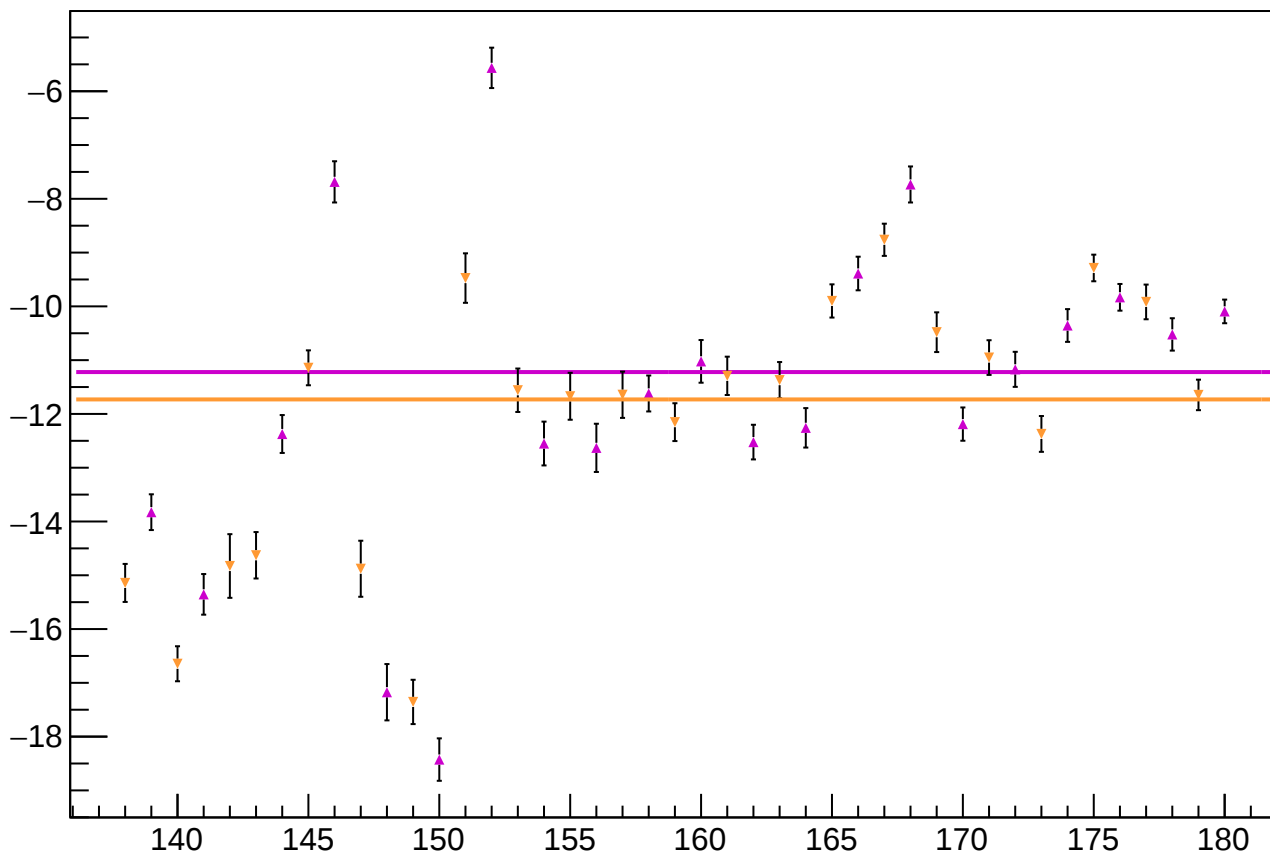
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.503 ± 0.007 χ^2/NDF : 1780.9/37

Out: -0.534 ± 0.008 χ^2/NDF : 1822.6/39

All: -0.518 ± 0.005 χ^2/NDF : 3612.2/77

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -11.730 $\pm$ 0.075 χ^2 /NDF:932.1/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -11.222 $\pm$ 0.073 χ^2 /NDF:1236.9/20

Left: -11.467 $\pm$ 0.052 χ^2 /NDF: 2192.7/42

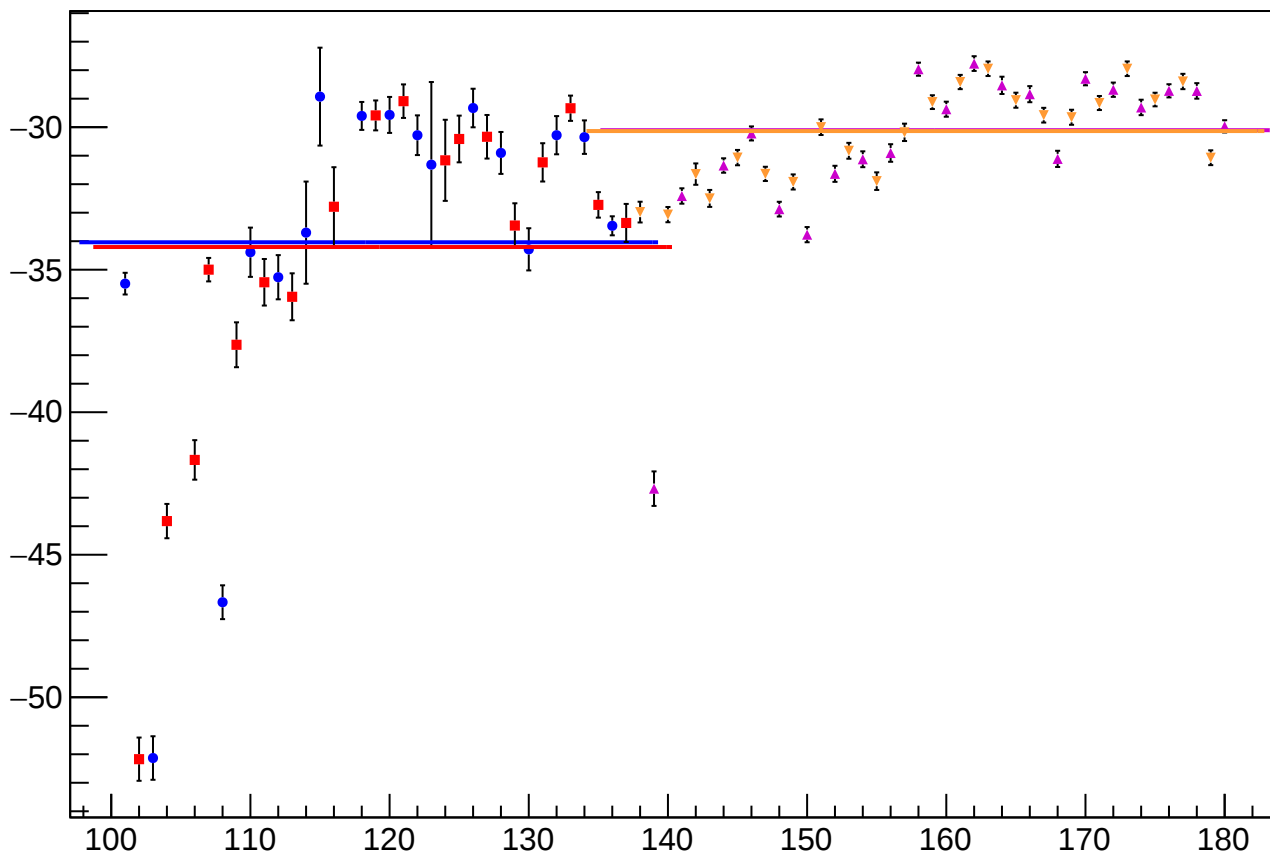
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.222 $\pm$ 0.073 χ^2 /NDF:1236.9/20

Out: -11.730 $\pm$ 0.075 χ^2 /NDF:932.1/21

All: -11.467 $\pm$ 0.052 χ^2 /NDF: 2192.7/42

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: -30.136 ± 0.058 χ^2/NDF : 720.2/21

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.106 ± 0.058 χ^2/NDF : 1280.5/20

Left: -30.121 ± 0.041 χ^2/NDF : 2000.9/42

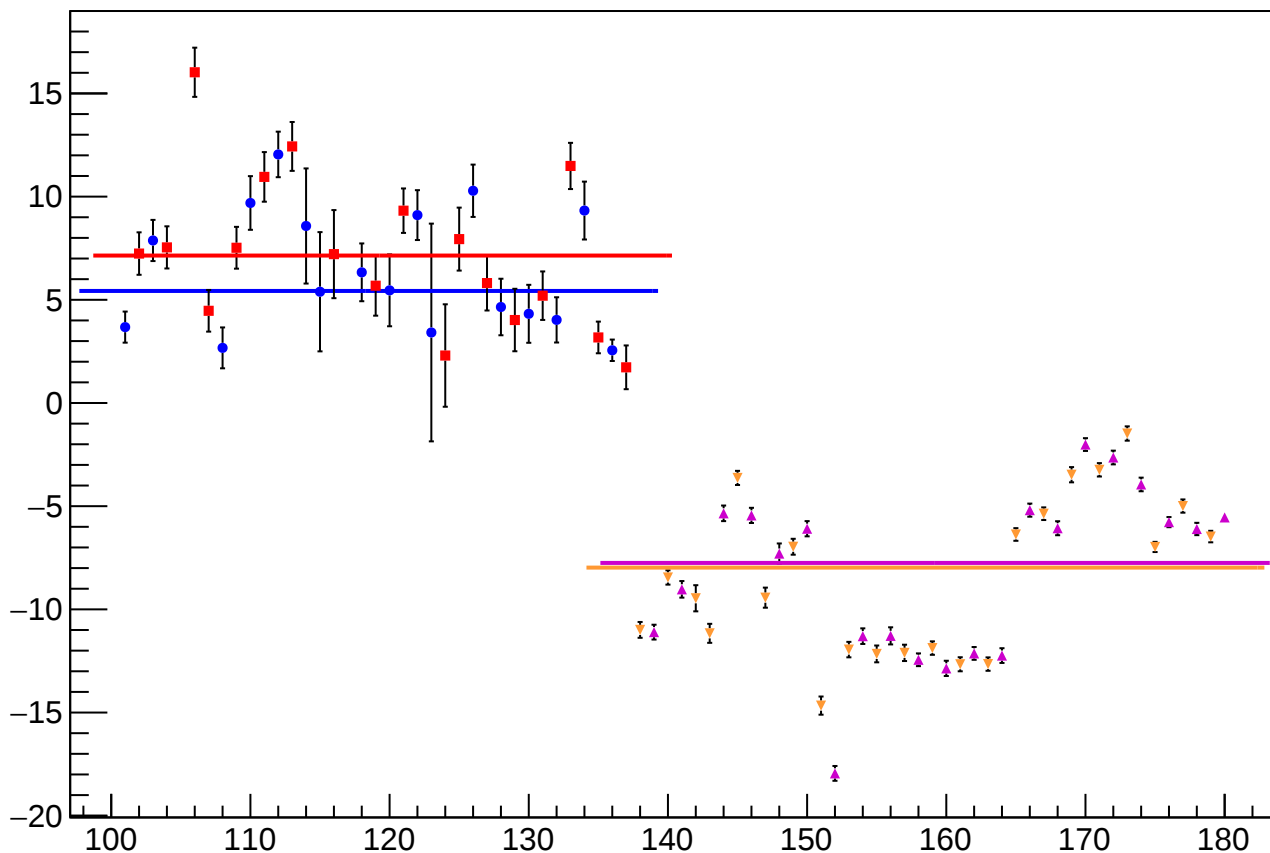
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.609 ± 0.054 χ^2/NDF : 3215.8/37

Out: -30.654 ± 0.054 χ^2/NDF : 2676.1/39

All: -30.632 ± 0.038 χ^2/NDF : 5892.3/77

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -7.976 ± 0.075 $\chi^2/\text{NDF}: 2335.3/21$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -7.749 ± 0.072 $\chi^2/\text{NDF}: 2942.5/20$

Left: -7.859 ± 0.052 $\chi^2/\text{NDF}: 5282.6/42$

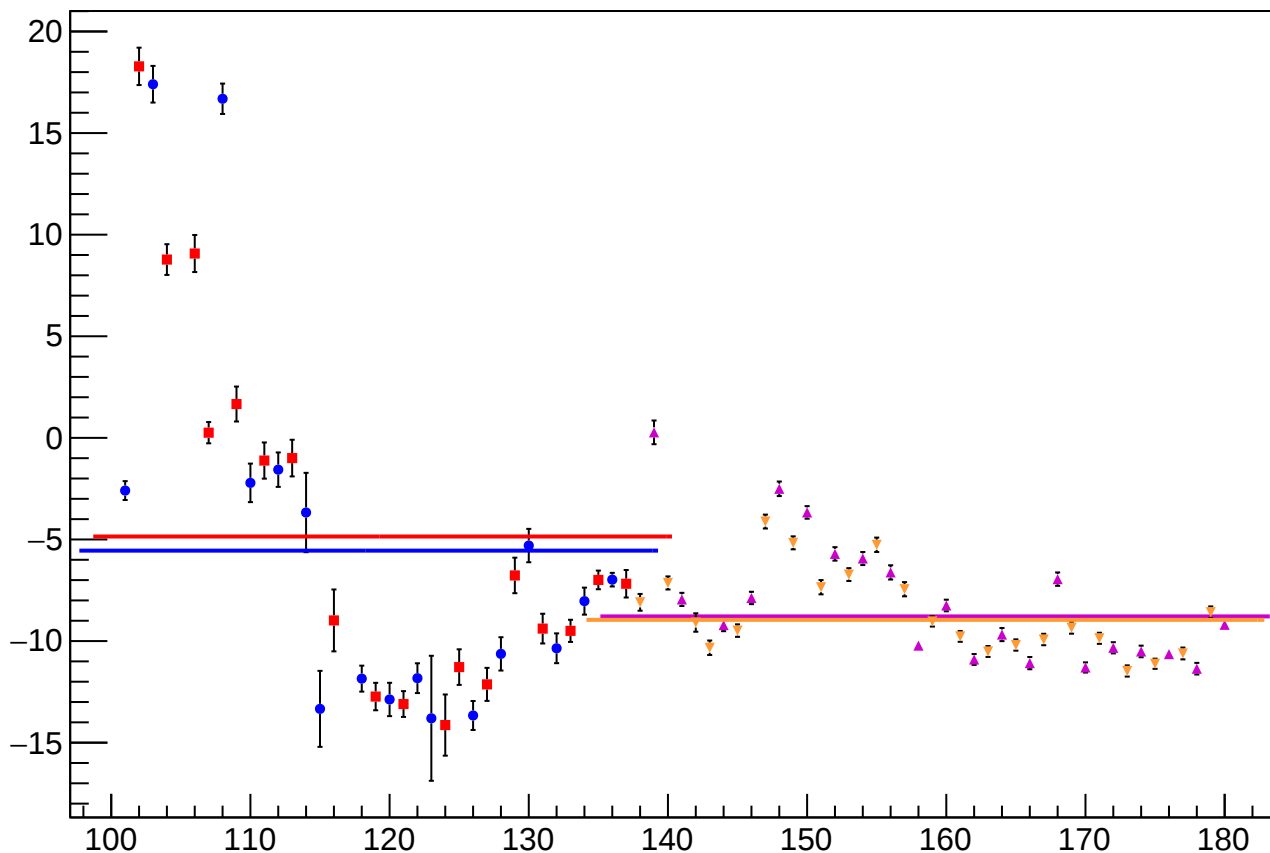
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -6.871 ± 0.070 $\chi^2/\text{NDF}: 5300.5/37$

Out: -6.938 ± 0.072 $\chi^2/\text{NDF}: 5330.1/39$

All: -6.903 ± 0.050 $\chi^2/\text{NDF}: 10631.0/77$

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: -8.956 ± 0.065 χ^2/NDF : 870.2/21

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.786 ± 0.064 χ^2/NDF : 1547.8/20

Left: -8.871 ± 0.046 χ^2/NDF : 2421.5/42

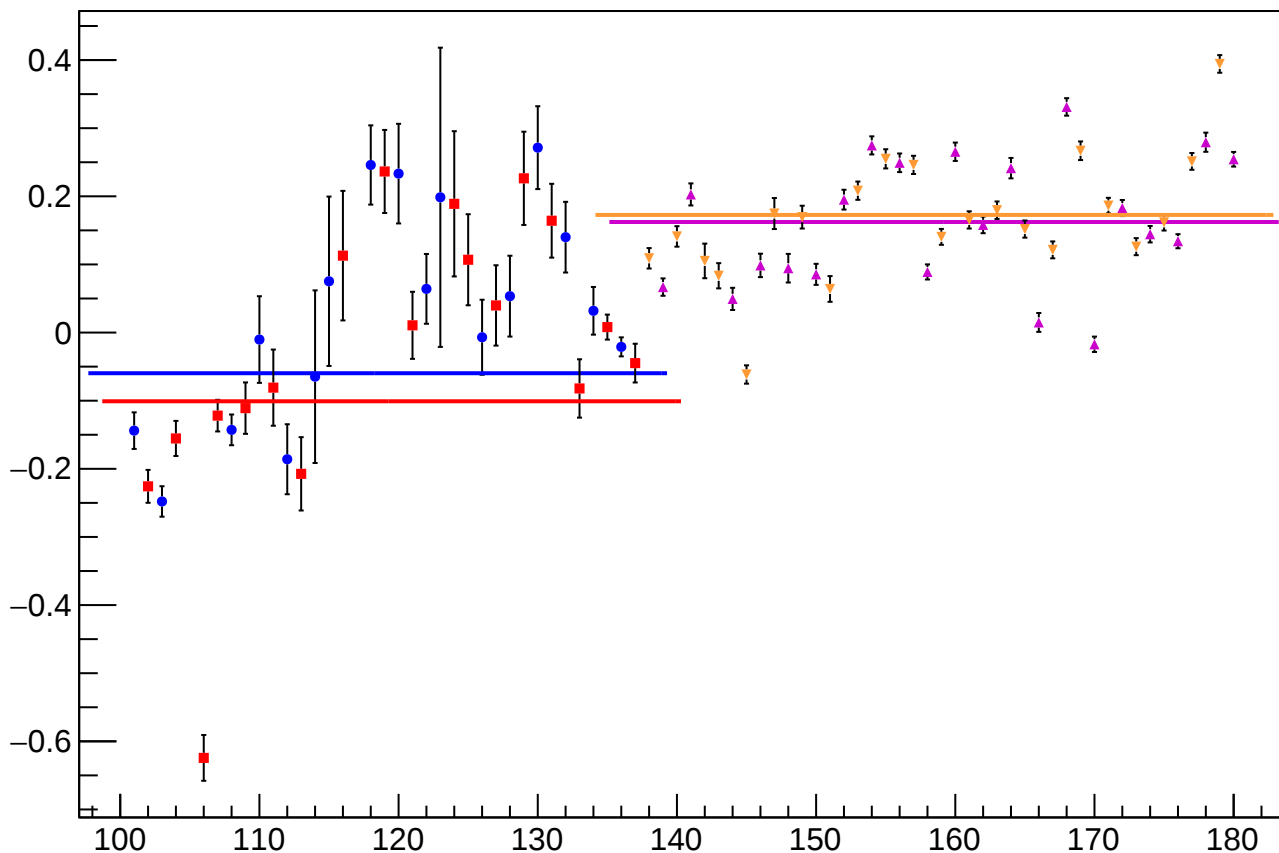
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.380 ± 0.060 χ^2/NDF : 3991.0/37

Out: -8.451 ± 0.061 χ^2/NDF : 3377.1/39

All: -8.415 ± 0.043 χ^2/NDF : 7368.8/77

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: 0.173 ± 0.003 χ^2/NDF : 886.2/21

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.162 ± 0.003 χ^2/NDF : 1102.4/20

Left: 0.167 ± 0.002 χ^2/NDF : 1994.9/42

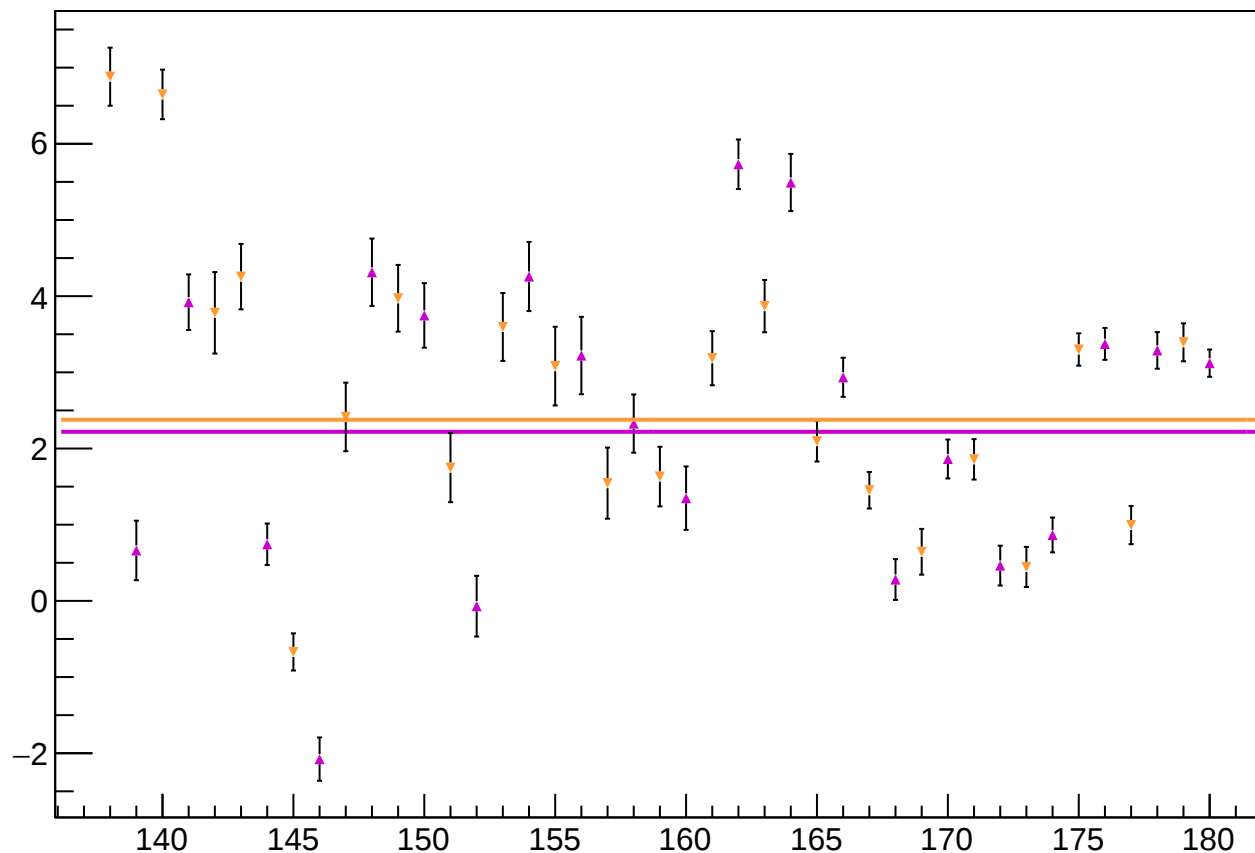
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.139 ± 0.003 χ^2/NDF : 1944.4/37

Out: 0.143 ± 0.003 χ^2/NDF : 2249.7/39

All: 0.141 ± 0.002 χ^2/NDF : 4195.1/77

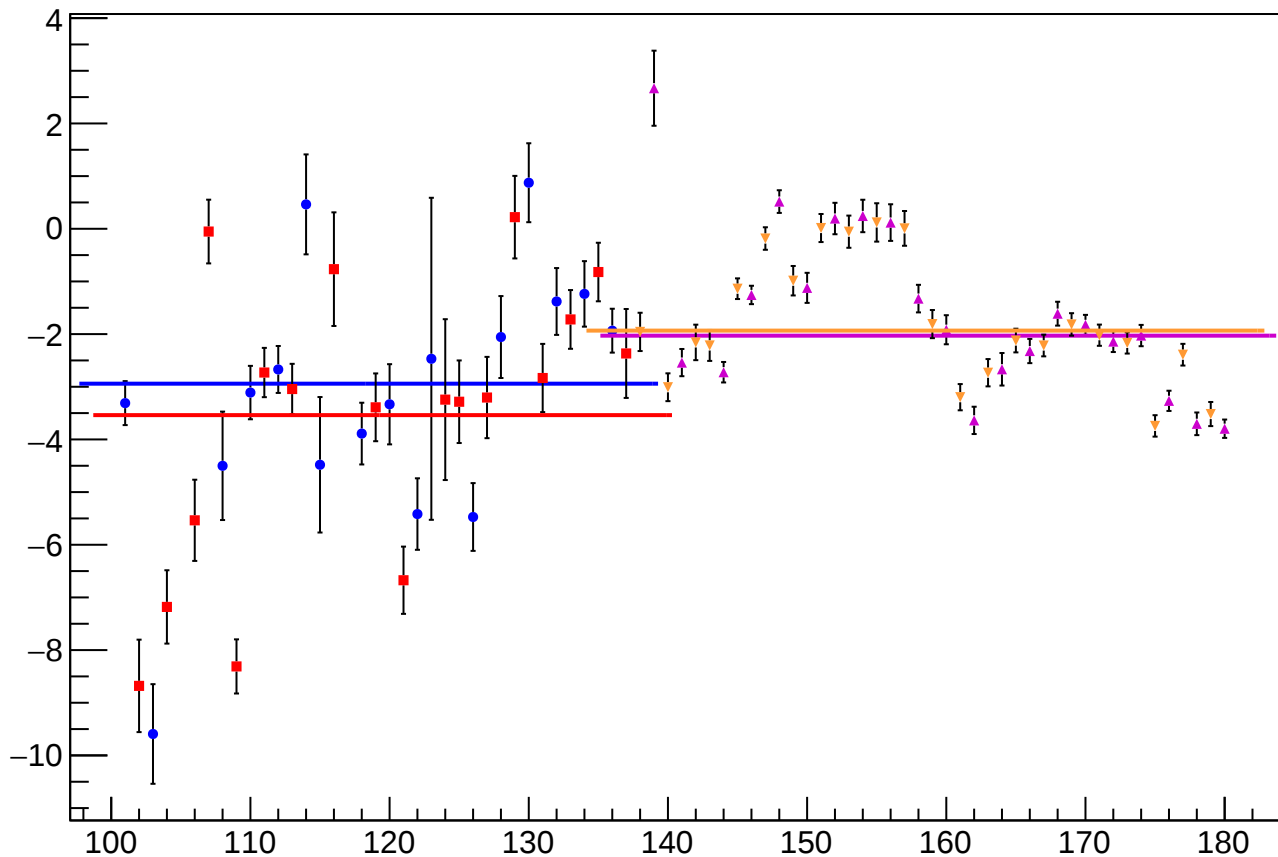
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.378+/-0.068 χ^2/NDF :722.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.220+/-0.064 χ^2/NDF :802.6/20

Left: 2.294+/-0.046 χ^2/NDF : 1528.1/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.220+/-0.064 χ^2/NDF :802.6/20
 Out: 2.378+/-0.068 χ^2/NDF :722.6/21
 All: 2.294+/-0.046 χ^2/NDF : 1528.1/42

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.933 ± 0.052 $\chi^2/\text{NDF}: 442.1/21$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -2.030 ± 0.051 $\chi^2/\text{NDF}: 639.5/20$

Left: -1.983 ± 0.036 $\chi^2/\text{NDF}: 1083.4/42$

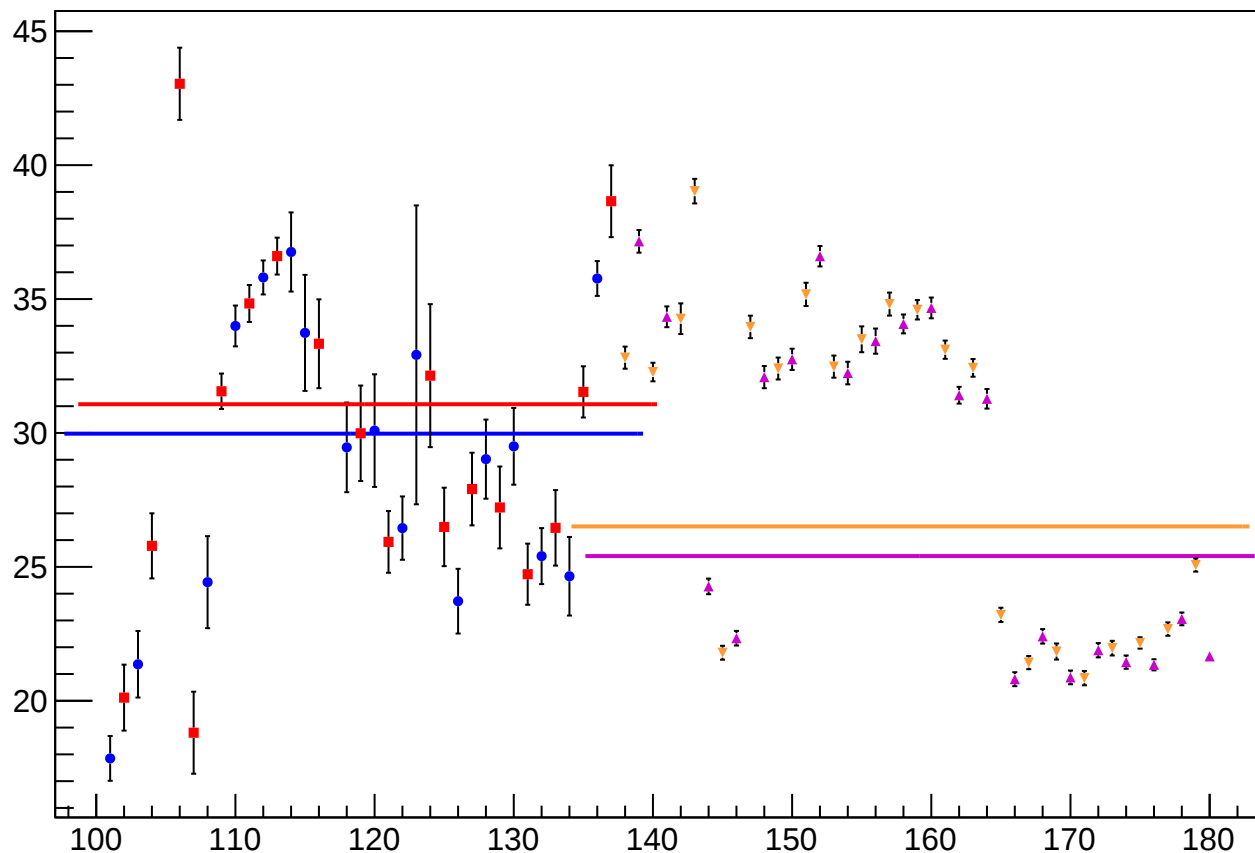
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -2.118 ± 0.048 $\chi^2/\text{NDF}: 816.6/37$

Out: -2.096 ± 0.049 $\chi^2/\text{NDF}: 822.5/39$

All: -2.107 ± 0.034 $\chi^2/\text{NDF}: 1639.2/77$

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: 26.510+/-0.068 χ^2/NDF : 6912.3/21

Right Out: 31.073+/-0.260 χ^2/NDF : 453.4/17

Left In: 25.404+/-0.064 χ^2/NDF : 7364.3/20

Left: 25.926+/-0.046 χ^2/NDF : 14418.0/42

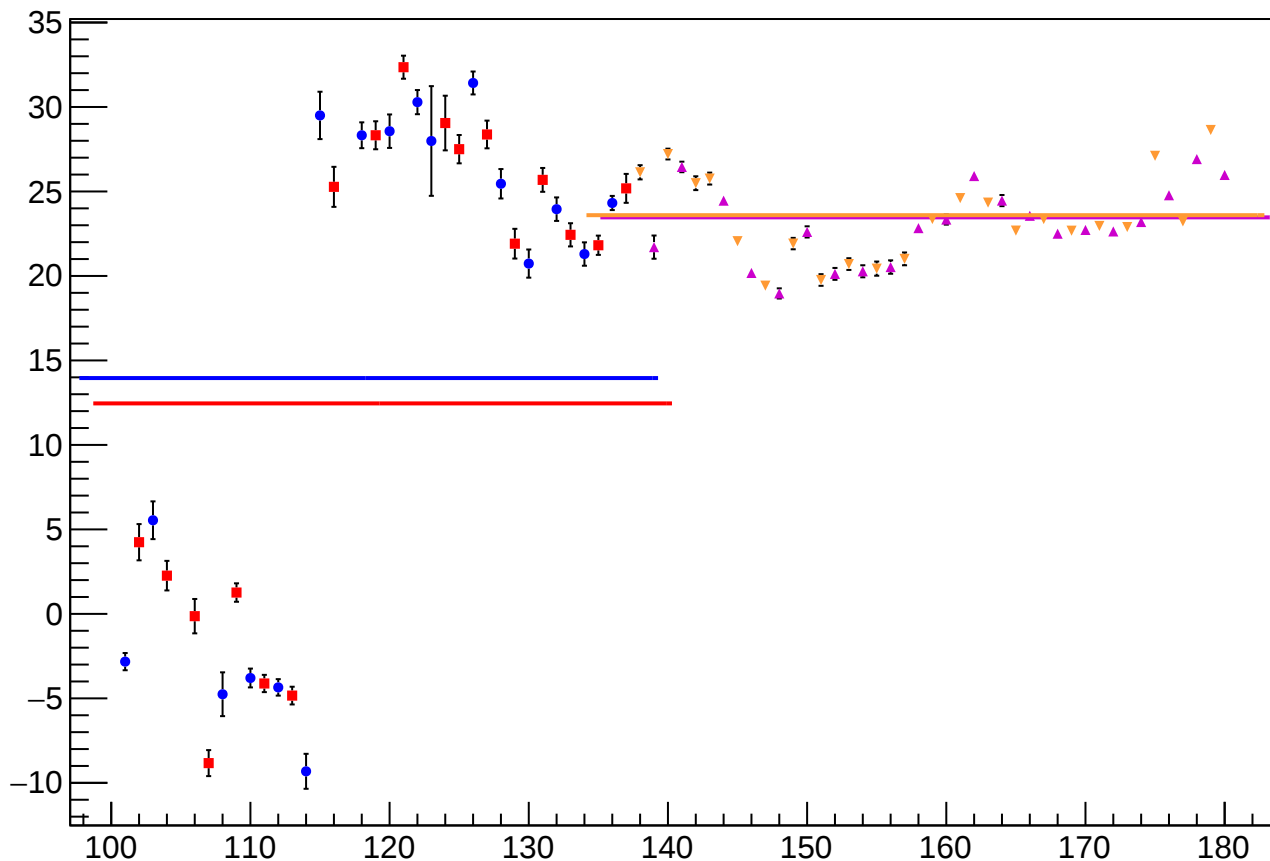
Right: 30.537+/-0.187 χ^2/NDF : 1016.0/34

In: 25.651+/-0.062 χ^2/NDF : 8194.9/37

Out: 26.799+/-0.065 χ^2/NDF : 7653.1/39

All: 26.195+/-0.045 χ^2/NDF : 16009.7/77

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: 23.597 $\pm$ 0.058 χ^2 /NDF:1539.2/21

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.467 $\pm$ 0.057 χ^2 /NDF:1390.4/20

Left: 23.530 $\pm$ 0.041 χ^2 /NDF: 2932.2/42

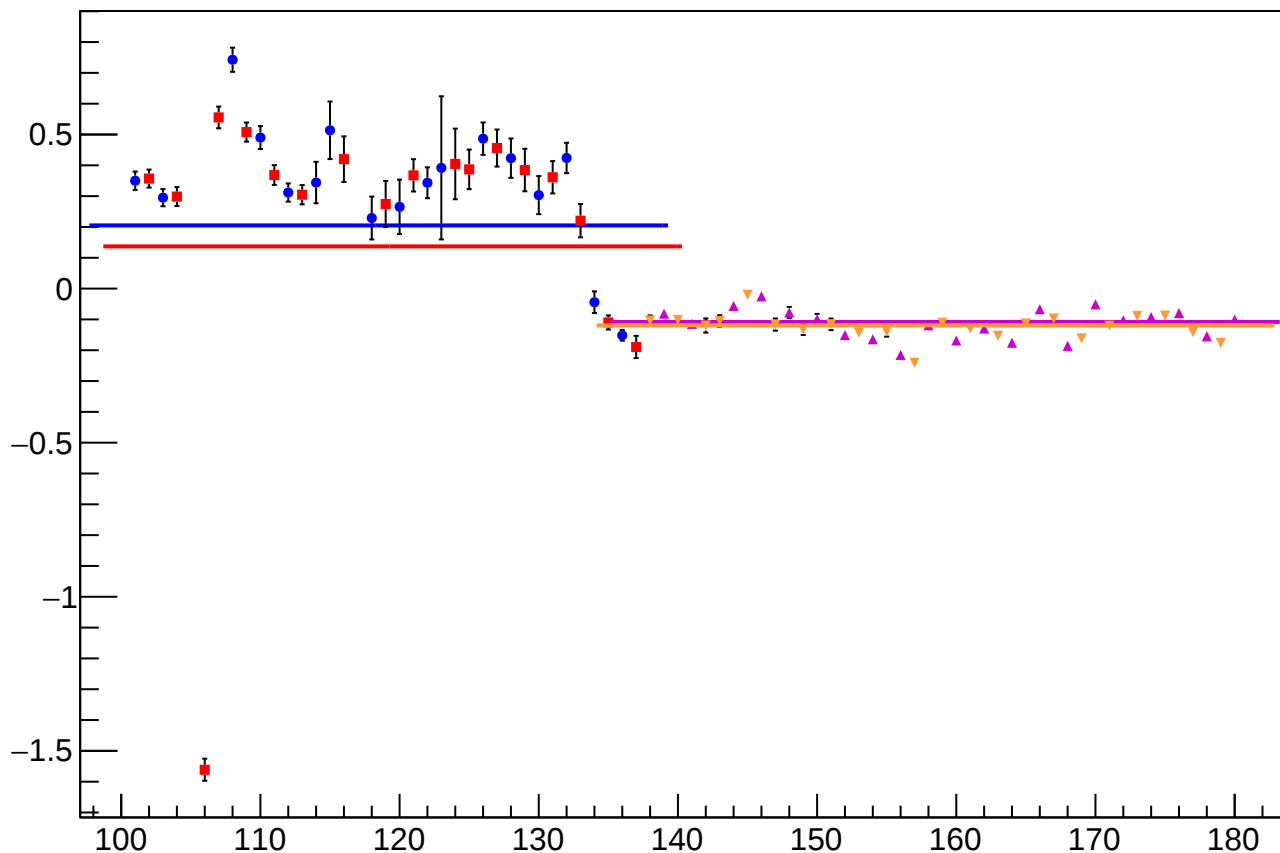
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.537 $\pm$ 0.054 χ^2 /NDF:11487.4/37

Out: 22.462 $\pm$ 0.055 χ^2 /NDF:12211.5/39

All: 22.501 $\pm$ 0.039 χ^2 /NDF: 23699.9/77

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: -0.119 ± 0.003 $\chi^2/\text{NDF}: 250.0/21$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.108 ± 0.003 $\chi^2/\text{NDF}: 318.2/20$

Left: -0.114 ± 0.002 $\chi^2/\text{NDF}: 576.9/42$

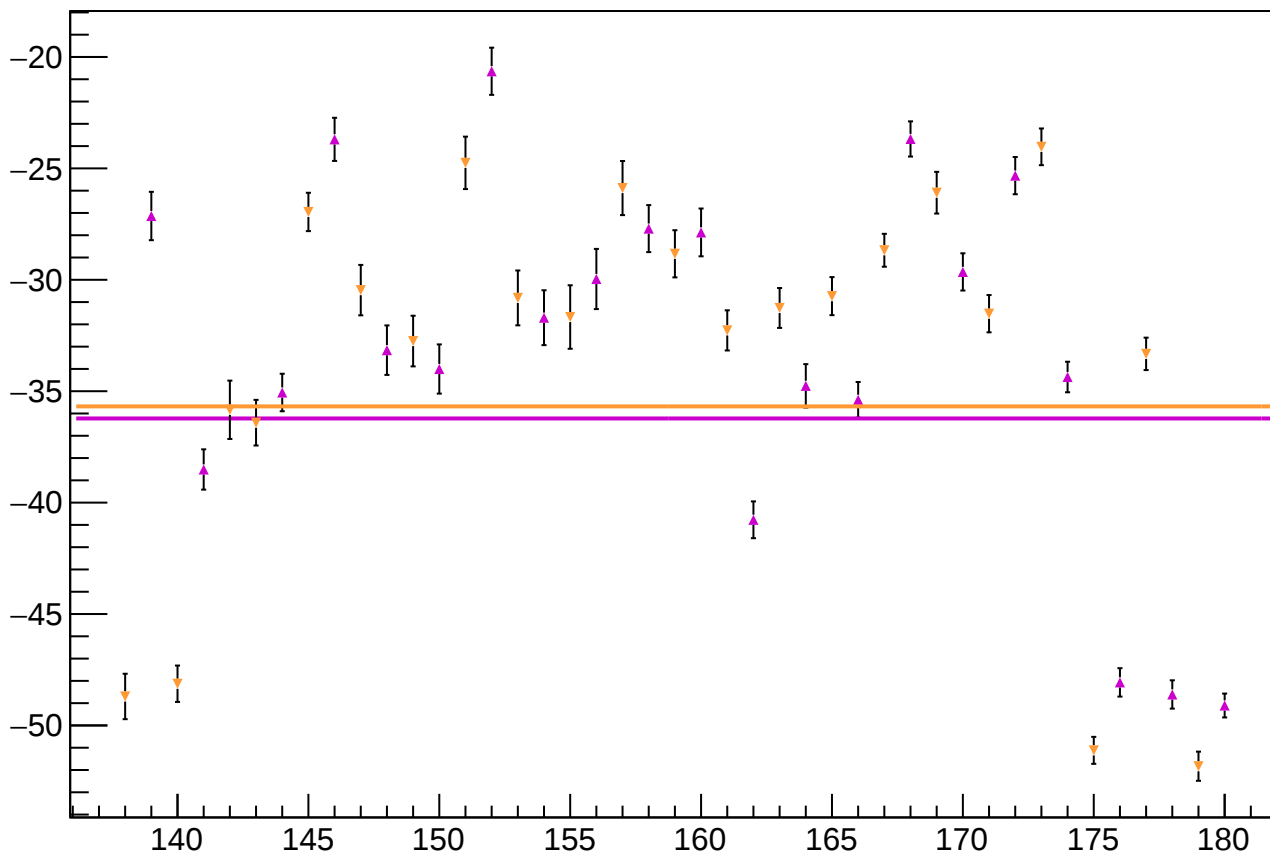
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.086 ± 0.002 $\chi^2/\text{NDF}: 2202.9/37$

Out: -0.099 ± 0.003 $\chi^2/\text{NDF}: 3970.1/39$

All: -0.092 ± 0.002 $\chi^2/\text{NDF}: 6186.5/77$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.682 ± 0.192 χ^2/NDF : 2505.8/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.223 ± 0.185 χ^2/NDF : 2464.2/20

Left: -35.963 ± 0.133 χ^2/NDF : 4974.1/42

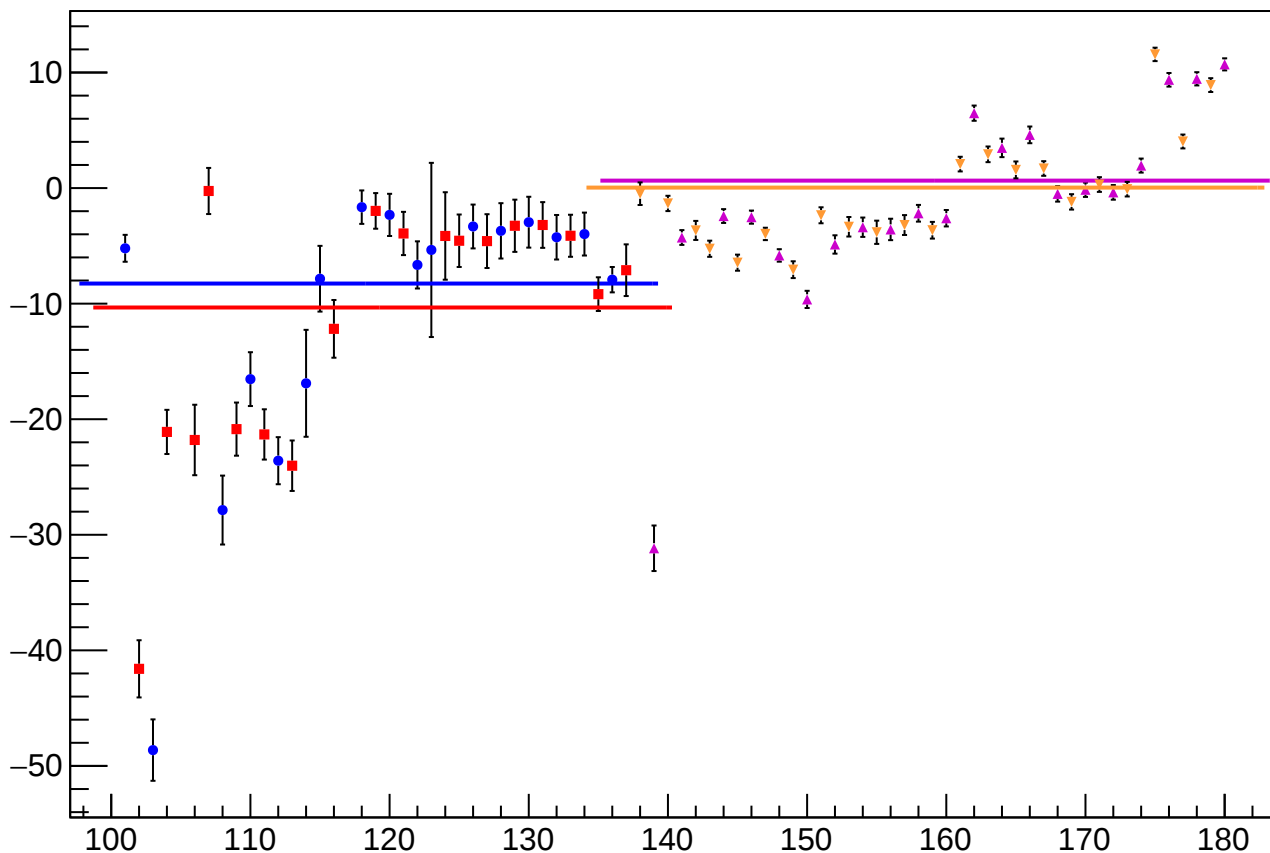
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.223 ± 0.185 χ^2/NDF : 2464.2/20

Out: -35.682 ± 0.192 χ^2/NDF : 2505.8/21

All: -35.963 ± 0.133 χ^2/NDF : 4974.1/42

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: 0.042 ± 0.146 $\chi^2/\text{NDF}: 1104.4/21$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: 0.645 ± 0.145 $\chi^2/\text{NDF}: 1798.7/20$

Left: 0.345 ± 0.103 $\chi^2/\text{NDF}: 2911.7/42$

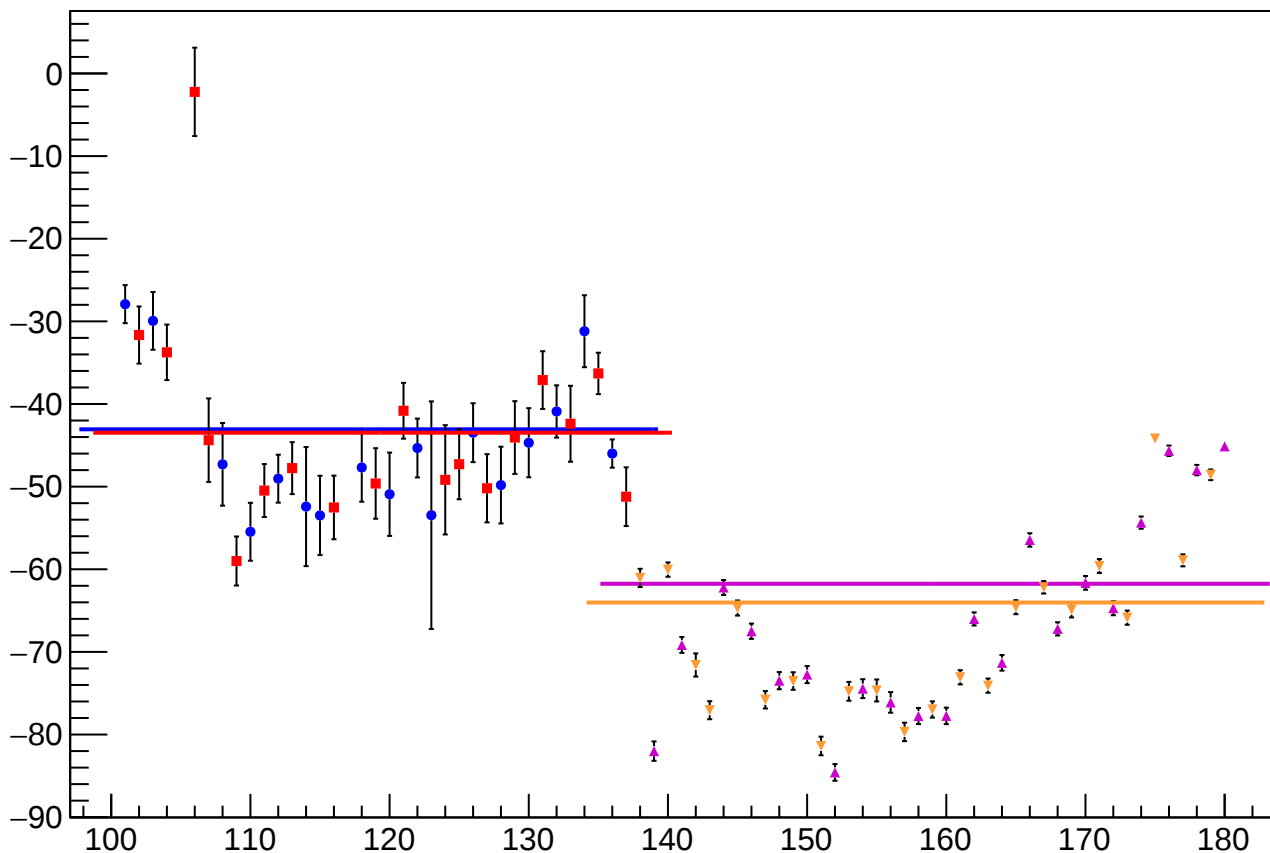
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -0.156 ± 0.139 $\chi^2/\text{NDF}: 2547.9/37$

Out: -0.802 ± 0.140 $\chi^2/\text{NDF}: 1925.3/39$

All: -0.476 ± 0.099 $\chi^2/\text{NDF}: 4483.9/77$

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: -64.025 ± 0.192 $\chi^2/\text{NDF}: 3149.2/21$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -61.754 ± 0.184 $\chi^2/\text{NDF}: 4354.9/20$

Left: -62.845 ± 0.133 $\chi^2/\text{NDF}: 7577.0/42$

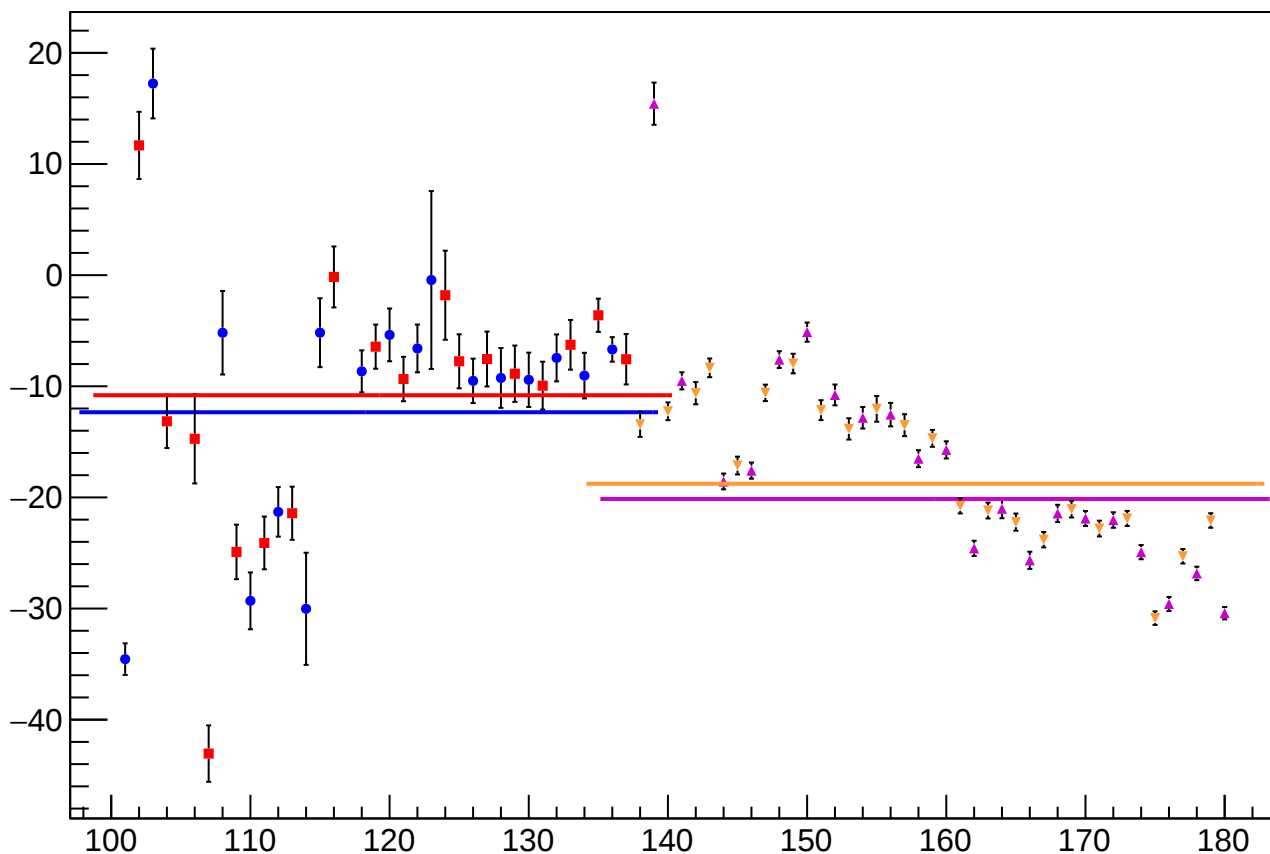
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -60.886 ± 0.180 $\chi^2/\text{NDF}: 4931.3/37$

Out: -63.071 ± 0.187 $\chi^2/\text{NDF}: 3825.3/39$

All: -61.936 ± 0.130 $\chi^2/\text{NDF}: 8827.3/77$

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: -18.770 ± 0.166 χ^2/NDF : 1432.7/21

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -20.140 ± 0.164 χ^2/NDF : 2252.8/20

Left: -19.463 ± 0.116 χ^2/NDF : 3720.1/42

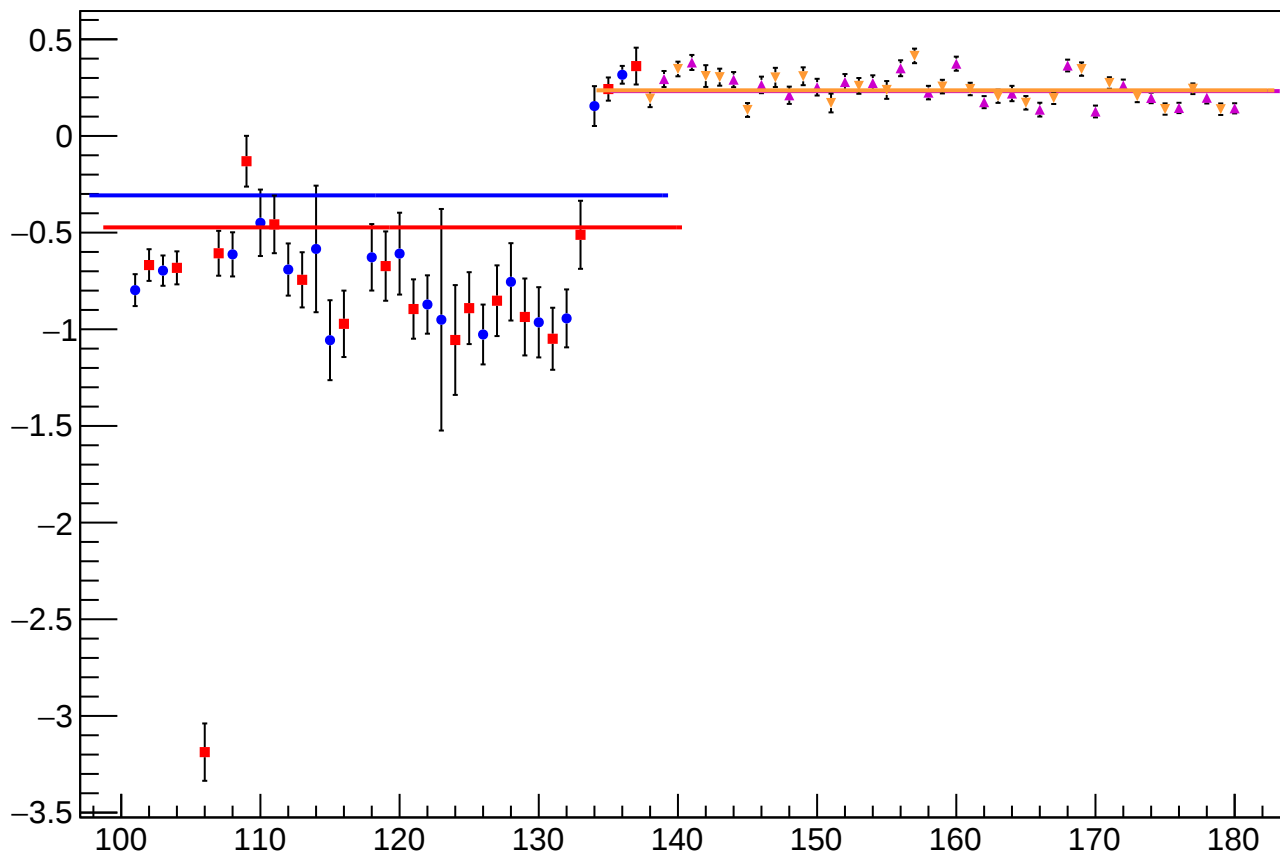
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -19.438 ± 0.156 χ^2/NDF : 2932.6/37

Out: -18.116 ± 0.159 χ^2/NDF : 1984.0/39

All: -18.788 ± 0.111 χ^2/NDF : 4952.0/77

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.236 ± 0.008 χ^2/NDF : 90.9/21

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.232 ± 0.007 χ^2/NDF : 113.4/20

Left: 0.234 ± 0.005 χ^2/NDF : 204.5/42

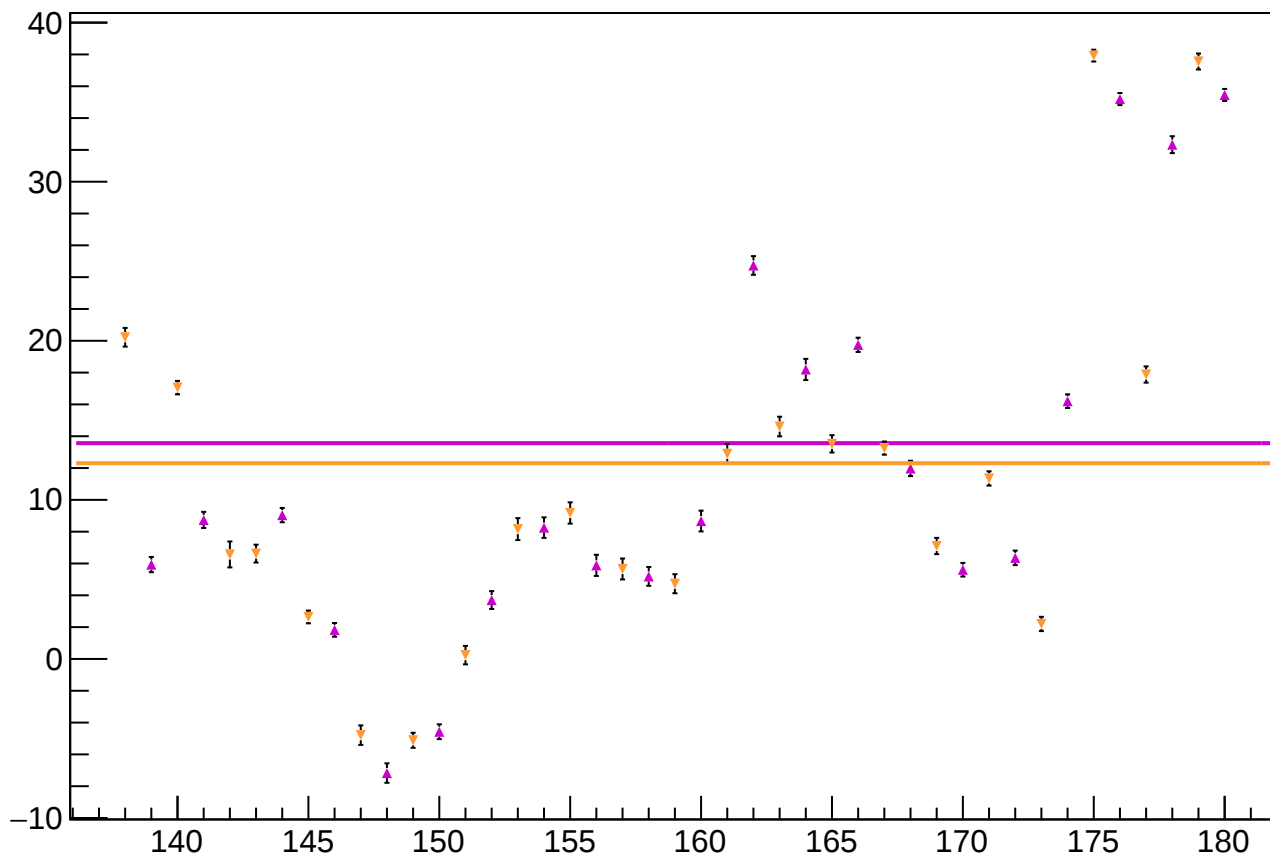
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.195 ± 0.007 χ^2/NDF : 842.8/37

Out: 0.188 ± 0.007 χ^2/NDF : 1289.9/39

All: 0.192 ± 0.005 χ^2/NDF : 2133.1/77

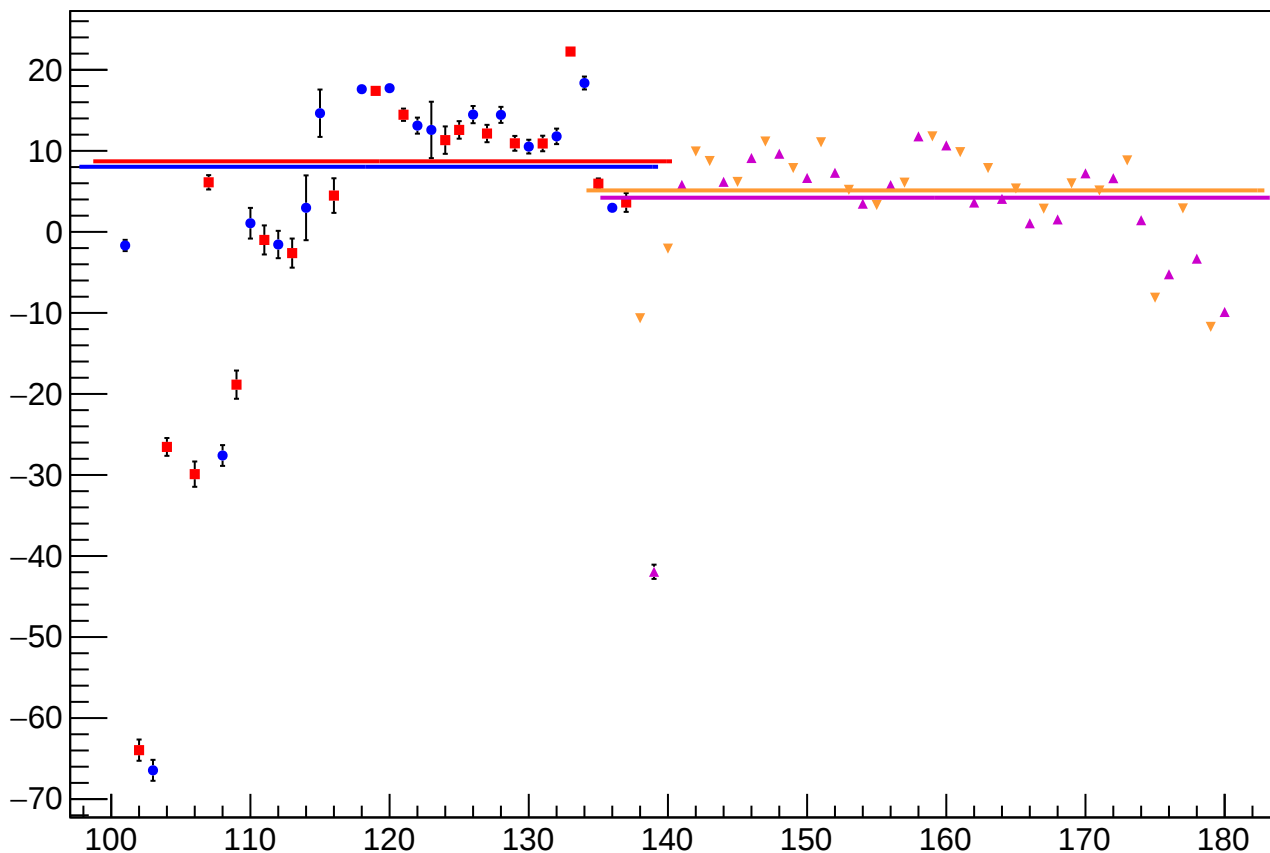
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 12.305 $\pm$ 0.110 χ^2 /NDF:11938.0/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20

Left: 12.952 $\pm$ 0.077 χ^2 /NDF: 25716.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20
 Out: 12.305 $\pm$ 0.110 χ^2 /NDF:11938.0/21
 All: 12.952 $\pm$ 0.077 χ^2 /NDF: 25716.4/42

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: 5.119 ± 0.083 $\chi^2/\text{NDF}: 5415.7/21$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 4.219 ± 0.083 $\chi^2/\text{NDF}: 6842.4/20$

Left: 4.672 ± 0.059 $\chi^2/\text{NDF}: 12316.8/42$

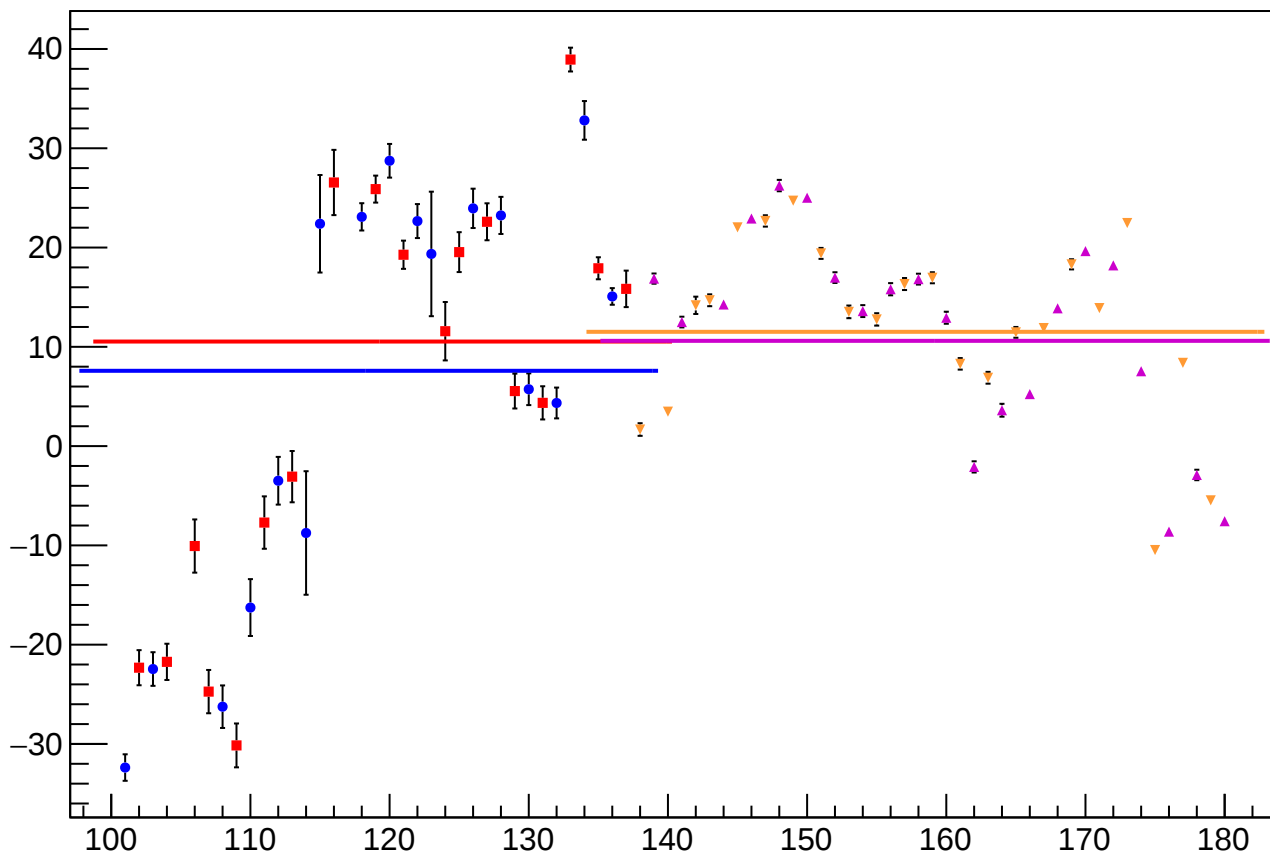
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 4.717 ± 0.078 $\chi^2/\text{NDF}: 12485.9/37$

Out: 5.590 ± 0.077 $\chi^2/\text{NDF}: 11952.2/39$

All: 5.156 ± 0.055 $\chi^2/\text{NDF}: 24501.6/77$

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: 11.513 $\pm$ 0.110 χ^2 /NDF:8403.5/21

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 10.603 $\pm$ 0.107 χ^2 /NDF:10484.2/20

Left: 11.045 $\pm$ 0.077 χ^2 /NDF: 18922.9/42

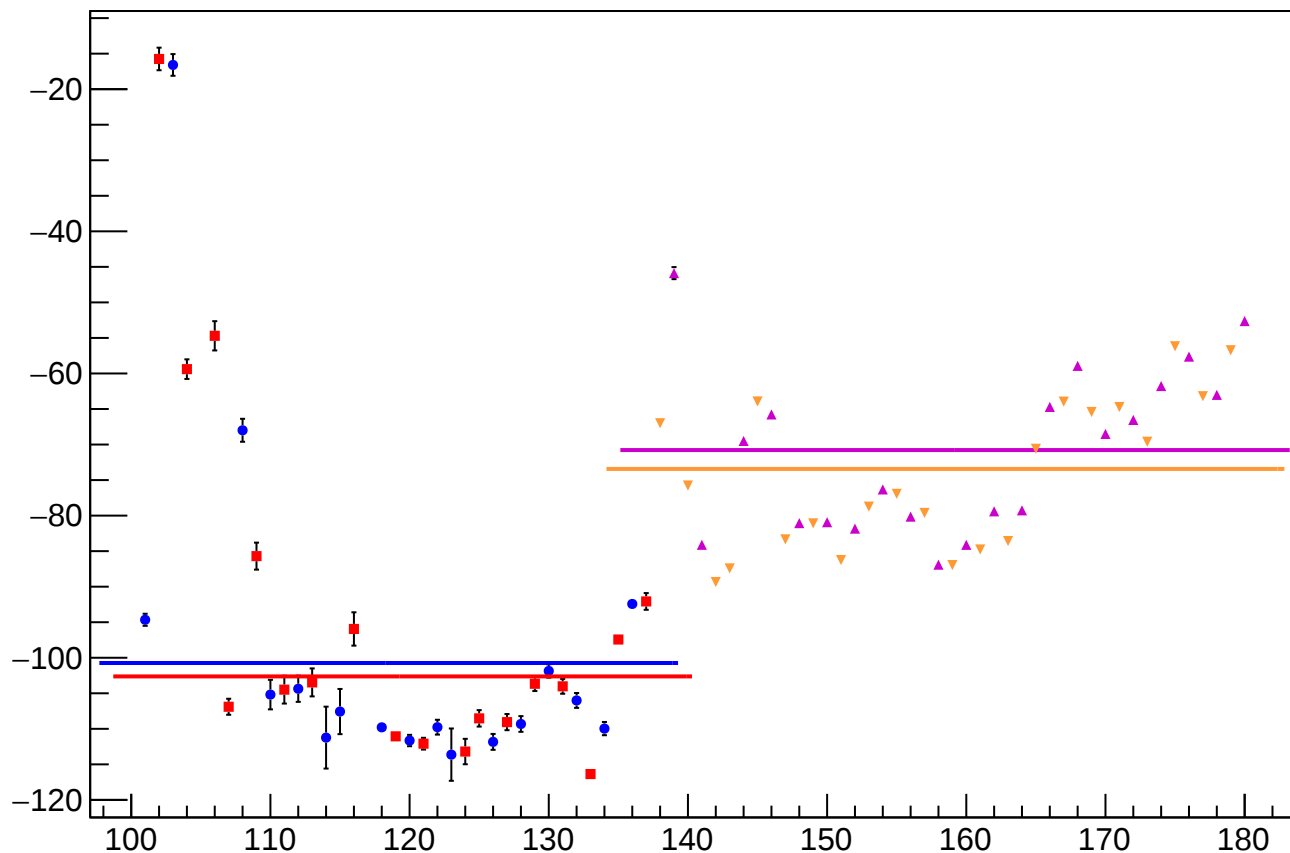
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 10.416 $\pm$ 0.104 χ^2 /NDF:12856.2/37

Out: 11.449 $\pm$ 0.106 χ^2 /NDF:10688.1/39

All: 10.919 $\pm$ 0.074 χ^2 /NDF: 23592.7/77

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: -73.429+/-0.095 χ^2/NDF : 11793.3/21

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -70.775+/-0.094 χ^2/NDF : 12093.5/20

Left: -72.100+/-0.067 χ^2/NDF : 24280.7/42

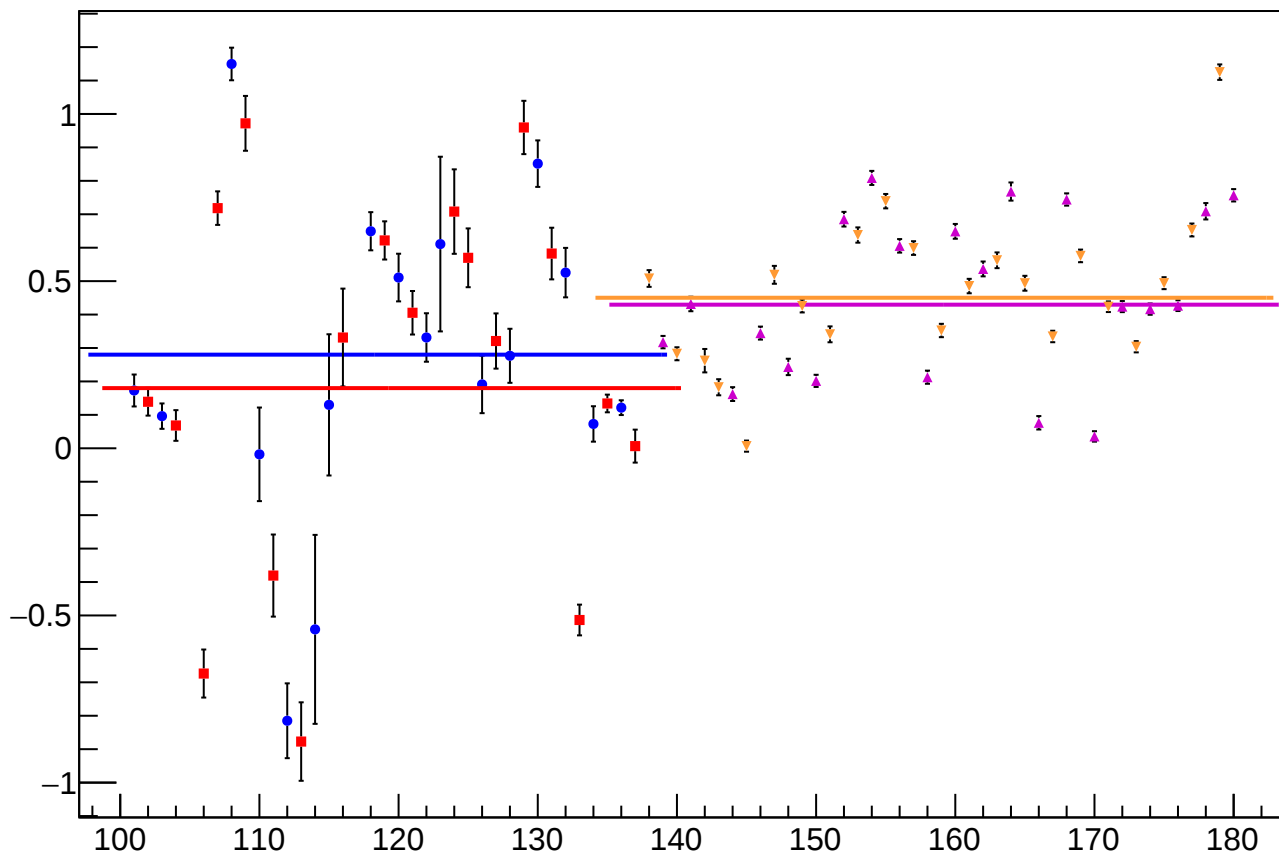
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -74.565+/-0.088 χ^2/NDF : 29331.5/37

Out: -77.189+/-0.088 χ^2/NDF : 29770.5/39

All: -75.877+/-0.062 χ^2/NDF : 59543.3/77

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: 0.450 ± 0.004 χ^2/NDF : 2456.9/21

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.430 ± 0.004 χ^2/NDF : 3050.1/20

Left: 0.440 ± 0.003 χ^2/NDF : 5518.5/42

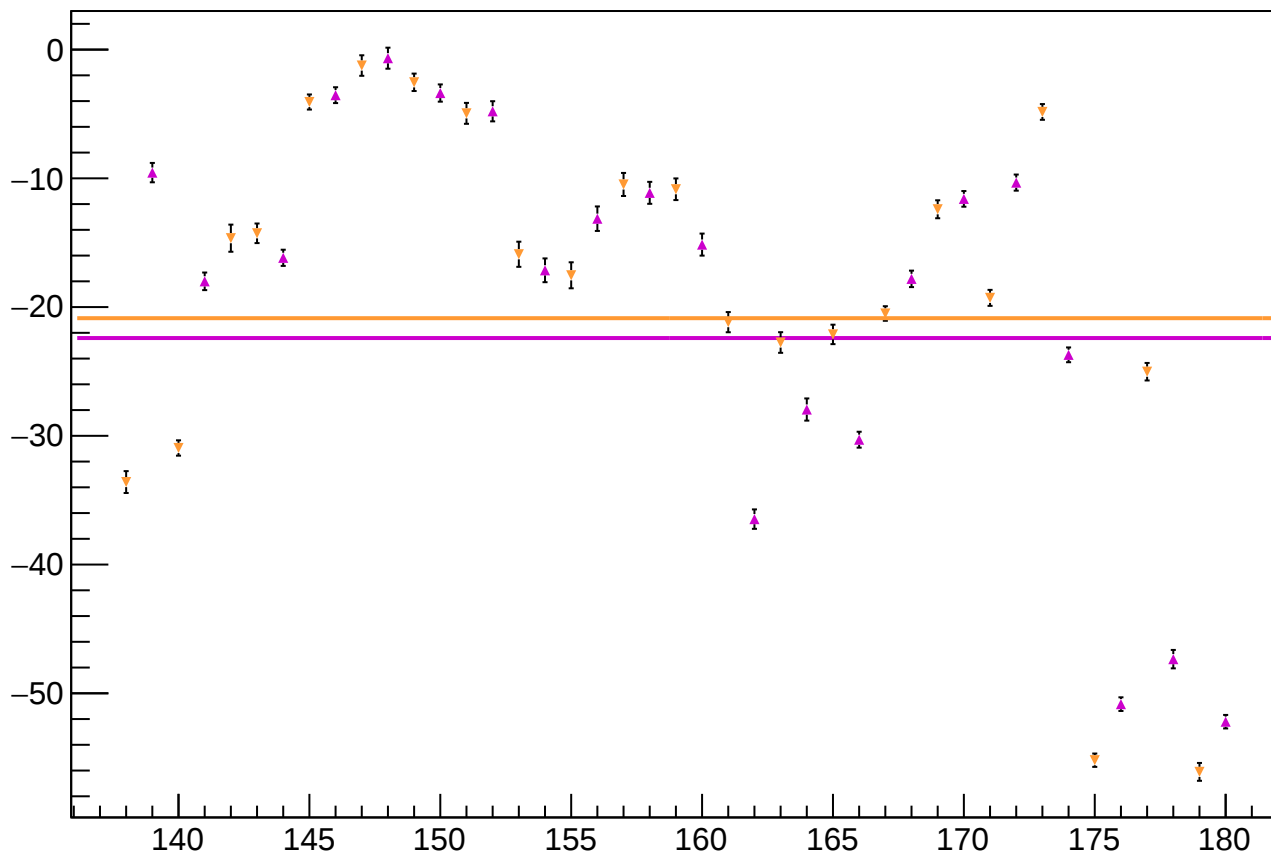
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.416 ± 0.004 χ^2/NDF : 3818.3/37

Out: 0.425 ± 0.004 χ^2/NDF : 3757.8/39

All: 0.420 ± 0.003 χ^2/NDF : 7578.3/77

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: -20.863 ± 0.152 χ^2/NDF : 11333.7/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -22.405 ± 0.149 χ^2/NDF : 12368.6/20

Left: -21.652 ± 0.107 χ^2/NDF : 23754.7/42

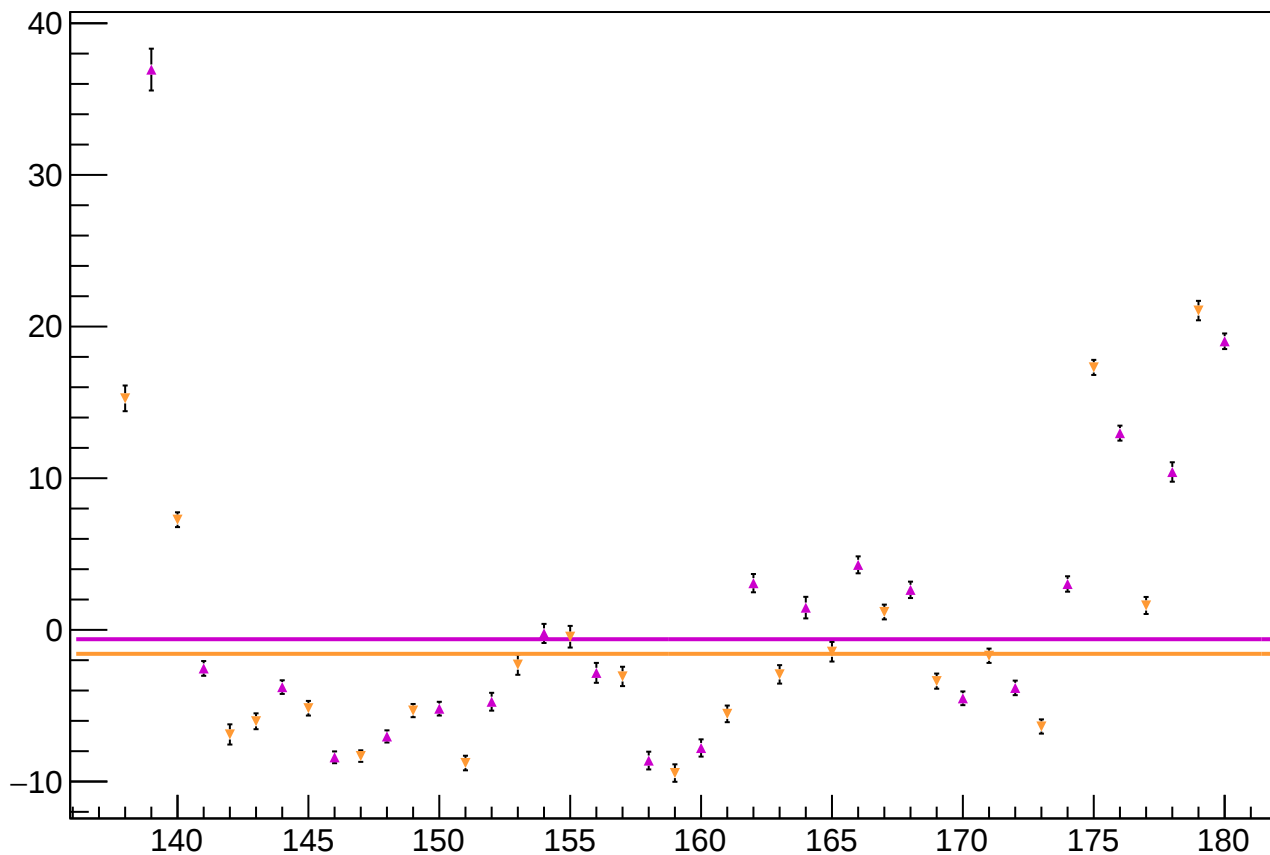
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -22.405 ± 0.149 χ^2/NDF : 12368.6/20

Out: -20.863 ± 0.152 χ^2/NDF : 11333.7/21

All: -21.652 ± 0.107 χ^2/NDF : 23754.7/42

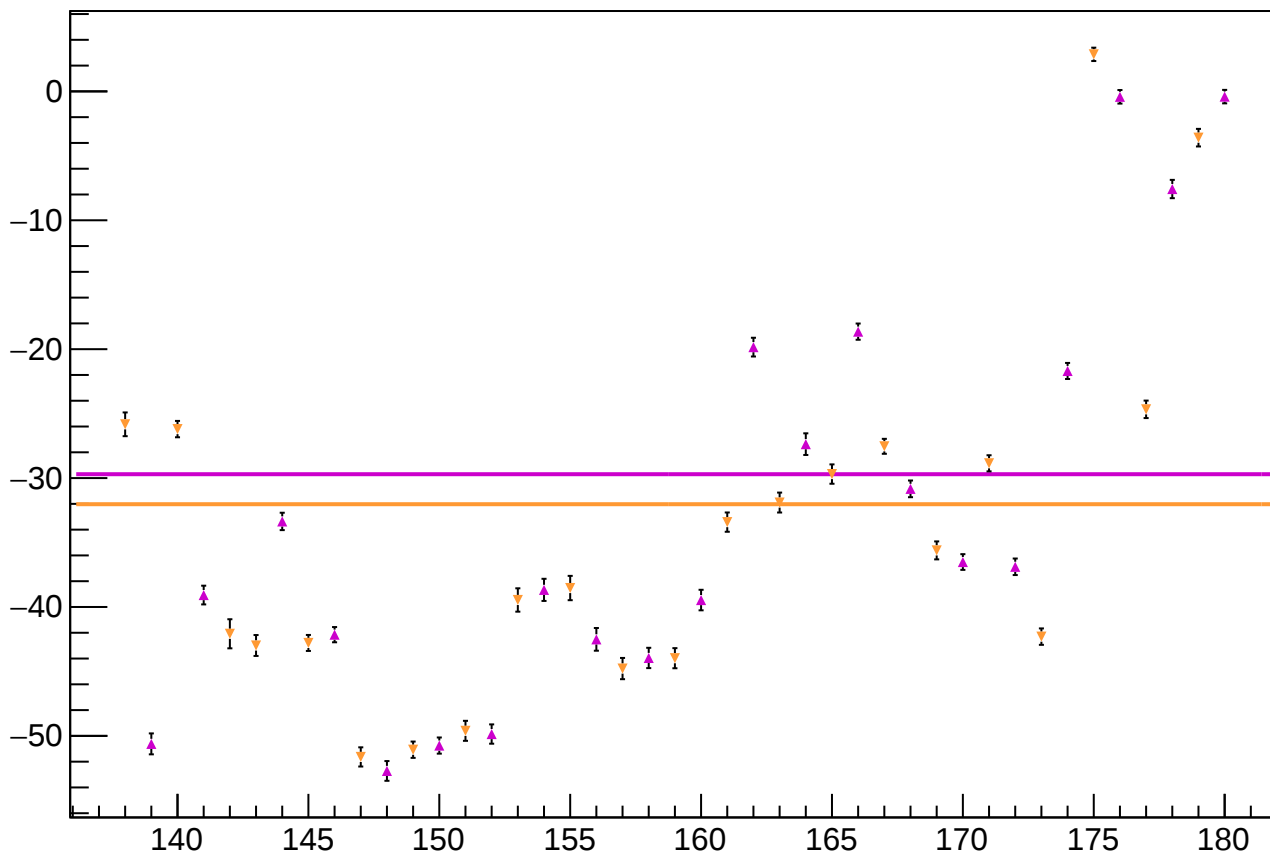
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.580+/-0.114 χ^2/NDF : 4640.2/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.617+/-0.115 χ^2/NDF : 4809.4/20

Left: -1.103+/-0.081 χ^2/NDF : 9485.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.617+/-0.115 χ^2/NDF : 4809.4/20
 Out: -1.580+/-0.114 χ^2/NDF : 4640.2/21
 All: -1.103+/-0.081 χ^2/NDF : 9485.0/42

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.027+/-0.152 χ^2/NDF :10166.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Left: -30.834+/-0.106 χ^2/NDF : 23280.2/42

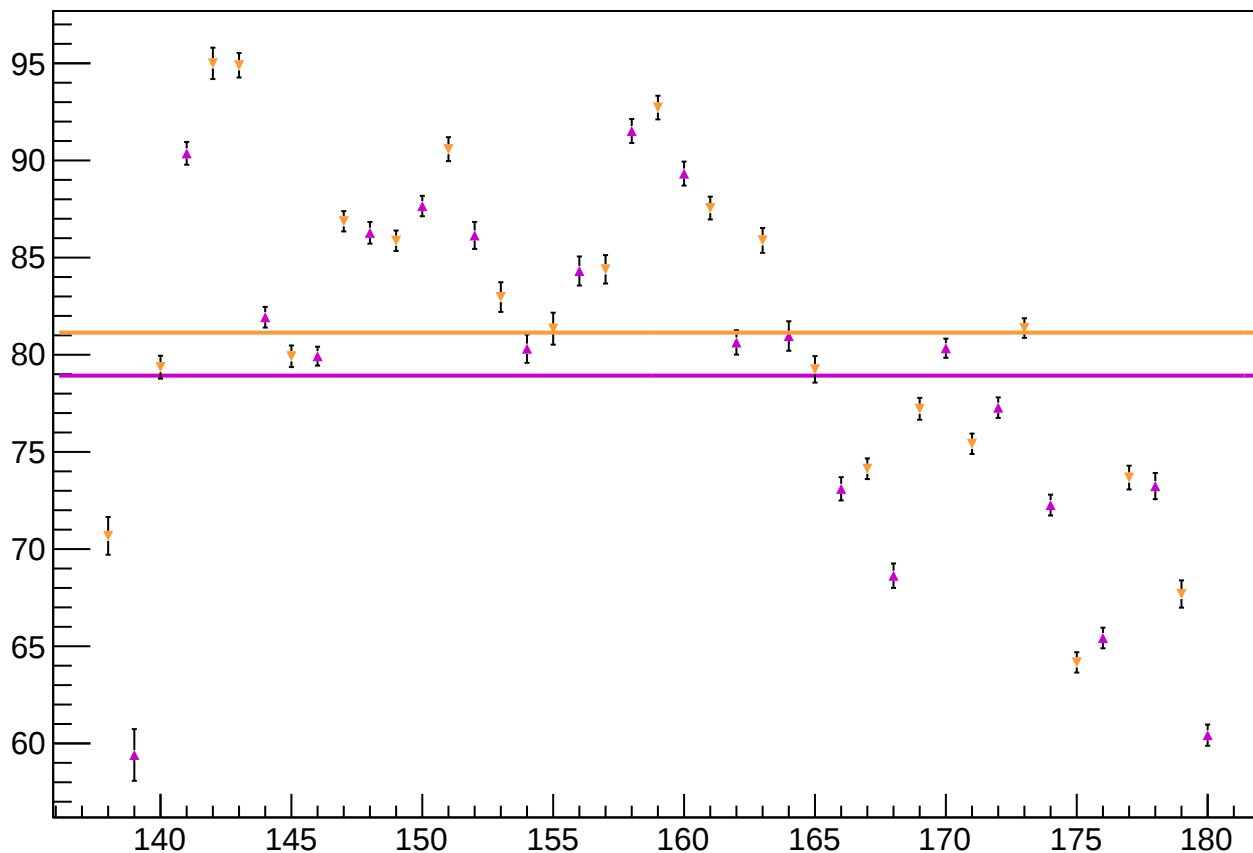
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Out: -32.027+/-0.152 χ^2/NDF :10166.0/21

All: -30.834+/-0.106 χ^2/NDF : 23280.2/42

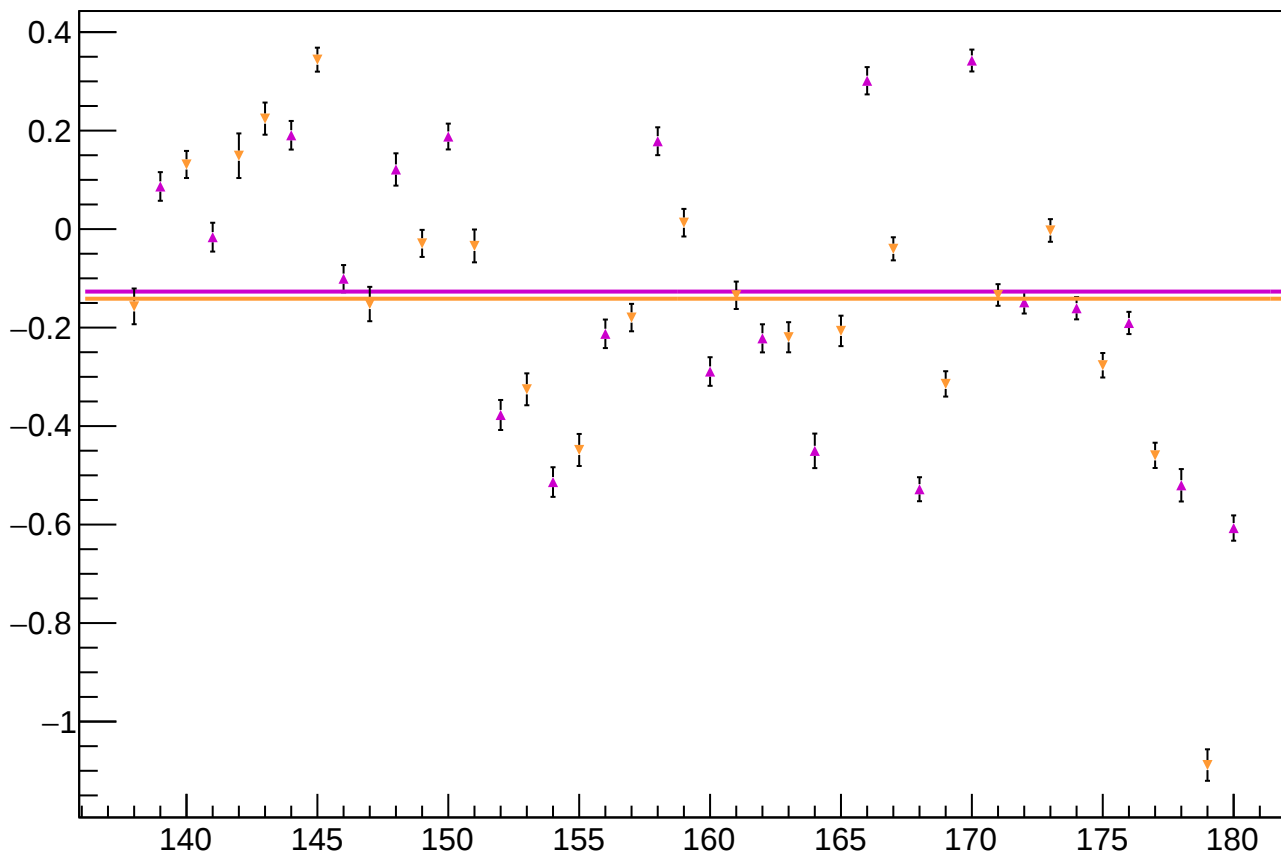
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 81.139 $\pm$ 0.130 χ^2/NDF :3820.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20

Left: 80.034 $\pm$ 0.092 χ^2/NDF : 8320.4/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20
 Out: 81.139 $\pm$ 0.130 χ^2/NDF :3820.3/21
 All: 80.034 $\pm$ 0.092 χ^2/NDF : 8320.4/42

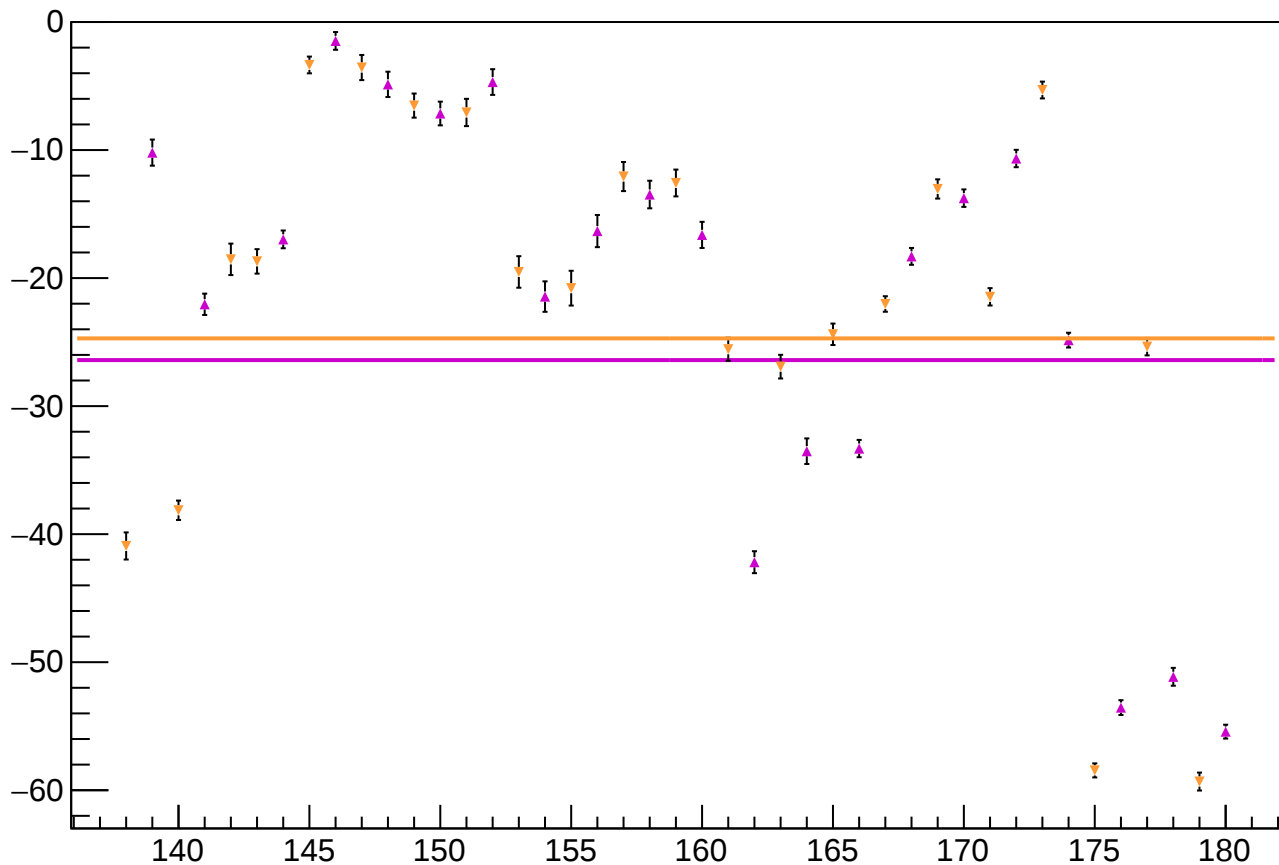
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.141+/-0.006 χ^2/NDF :2015.2/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.127+/-0.006 χ^2/NDF :2334.1/20

Left: -0.134+/-0.004 χ^2/NDF : 4352.3/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.127+/-0.006 χ^2/NDF :2334.1/20
 Out: -0.141+/-0.006 χ^2/NDF :2015.2/21
 All: -0.134+/-0.004 χ^2/NDF : 4352.3/42

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: -24.711+/-0.174 χ^2/NDF :10455.4/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.404+/-0.168 χ^2/NDF :11312.8/20

Left: -25.589+/-0.121 χ^2/NDF : 21817.3/42

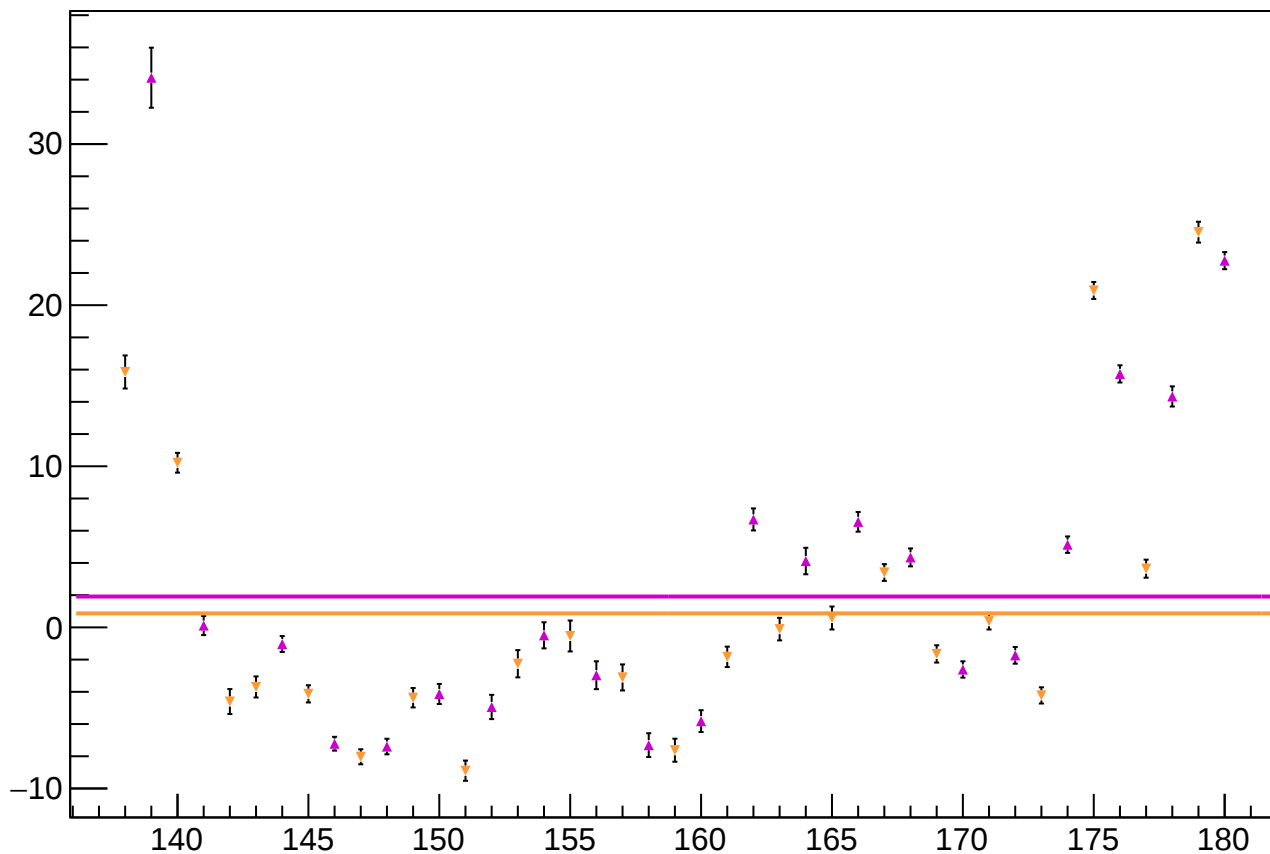
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.404+/-0.168 χ^2/NDF :11312.8/20

Out: -24.711+/-0.174 χ^2/NDF :10455.4/21

All: -25.589+/-0.121 χ^2/NDF : 21817.3/42

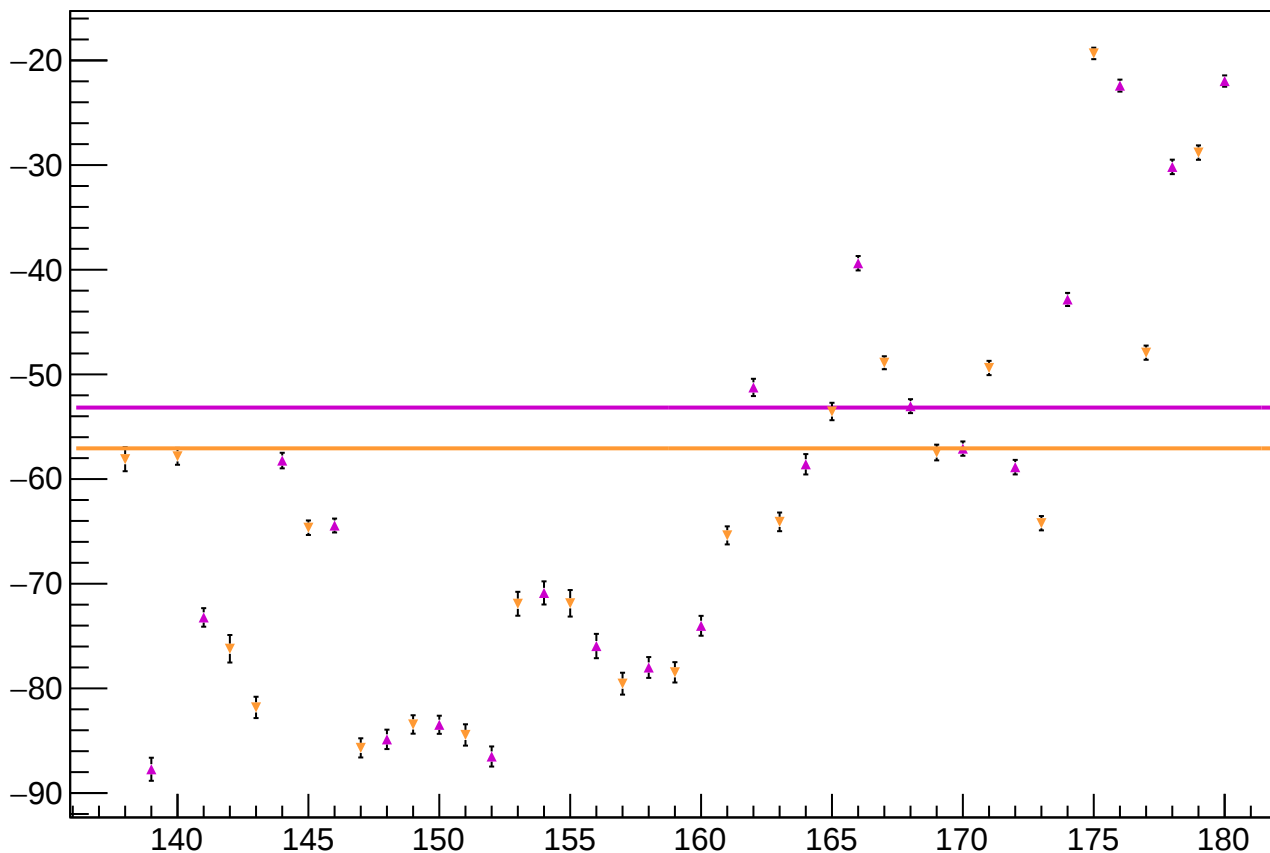
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.870+/-0.132 χ^2/NDF :4472.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.915+/-0.130 χ^2/NDF :4581.3/20

Left: 1.398+/-0.093 χ^2/NDF : 9085.0/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.915+/-0.130 χ^2/NDF :4581.3/20
 Out: 0.870+/-0.132 χ^2/NDF :4472.0/21
 All: 1.398+/-0.093 χ^2/NDF : 9085.0/42

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: -57.066+/-0.174 χ^2/NDF :11918.7/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Left: -55.043+/-0.121 χ^2/NDF : 27490.8/42

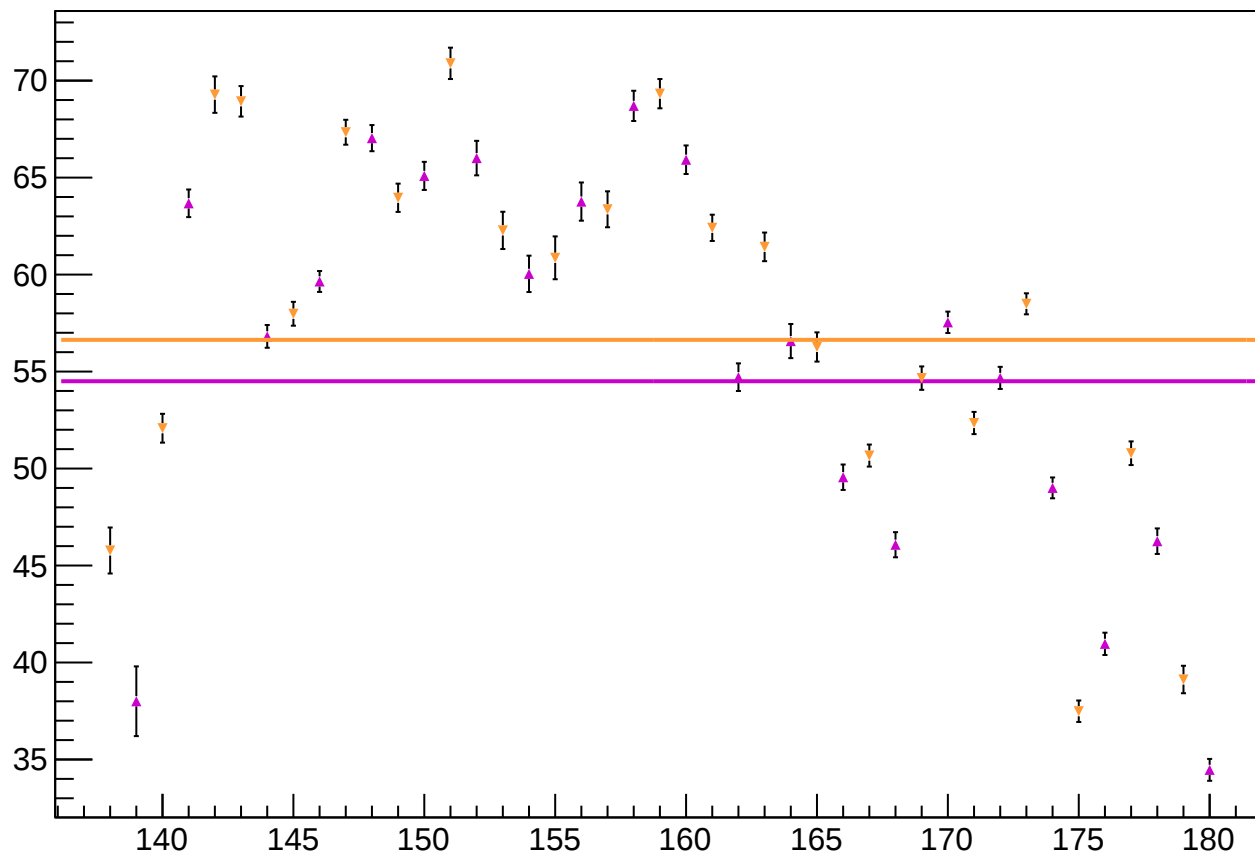
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Out: -57.066+/-0.174 χ^2/NDF :11918.7/21

All: -55.043+/-0.121 χ^2/NDF : 27490.8/42

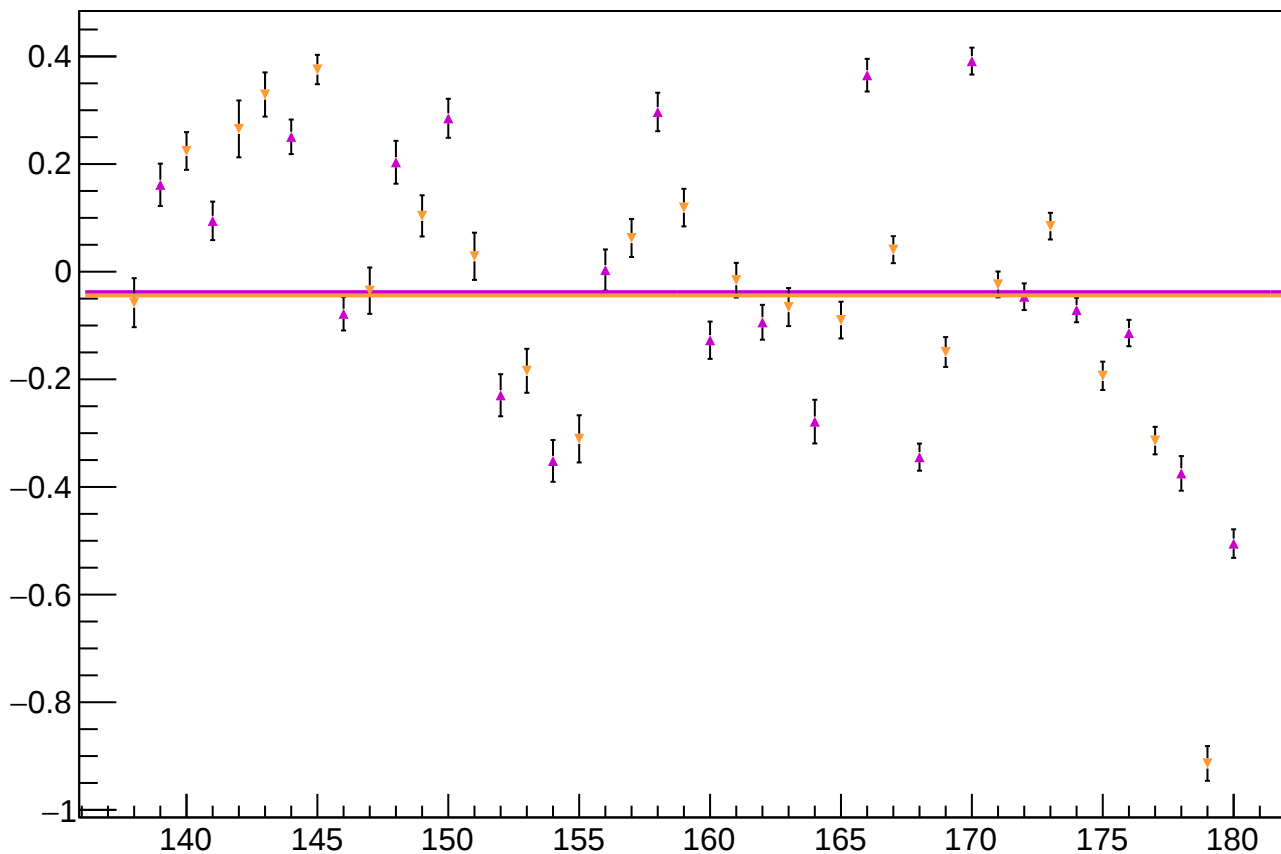
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 56.635+/-0.150 χ^2/NDF :3830.5/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 54.502+/-0.148 χ^2/NDF :4118.0/20

Left: 55.553+/-0.105 χ^2/NDF : 8051.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 54.502+/-0.148 χ^2/NDF :4118.0/20
 Out: 56.635+/-0.150 χ^2/NDF :3830.5/21
 All: 55.553+/-0.105 χ^2/NDF : 8051.5/42

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



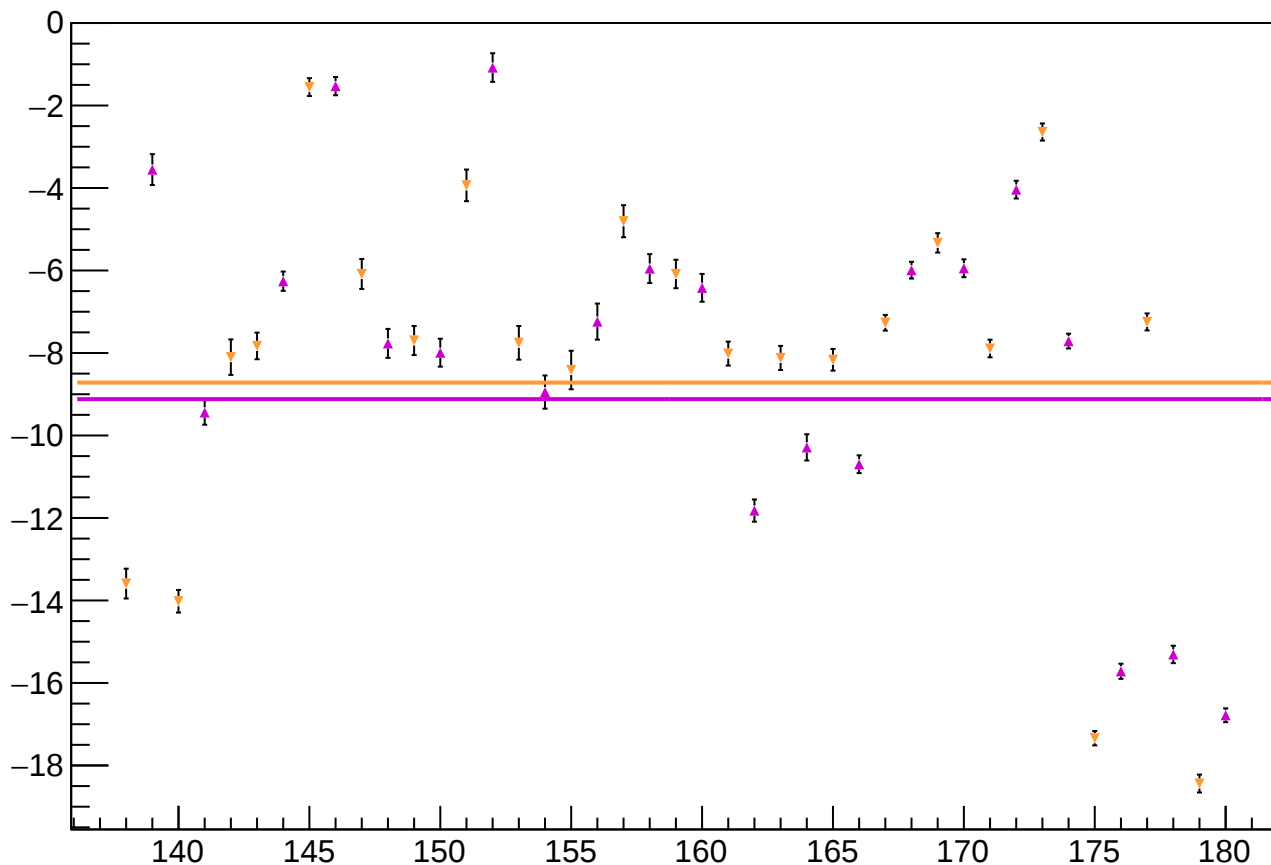
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.044 $\pm$ 0.007 χ^2 /NDF:1436.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20

Left: -0.041 $\pm$ 0.005 χ^2 /NDF: 2949.1/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.038 $\pm$ 0.007 χ^2 /NDF:1511.8/20
 Out: -0.044 $\pm$ 0.007 χ^2 /NDF:1436.9/21

All: -0.041 $\pm$ 0.005 χ^2 /NDF: 2949.1/42

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



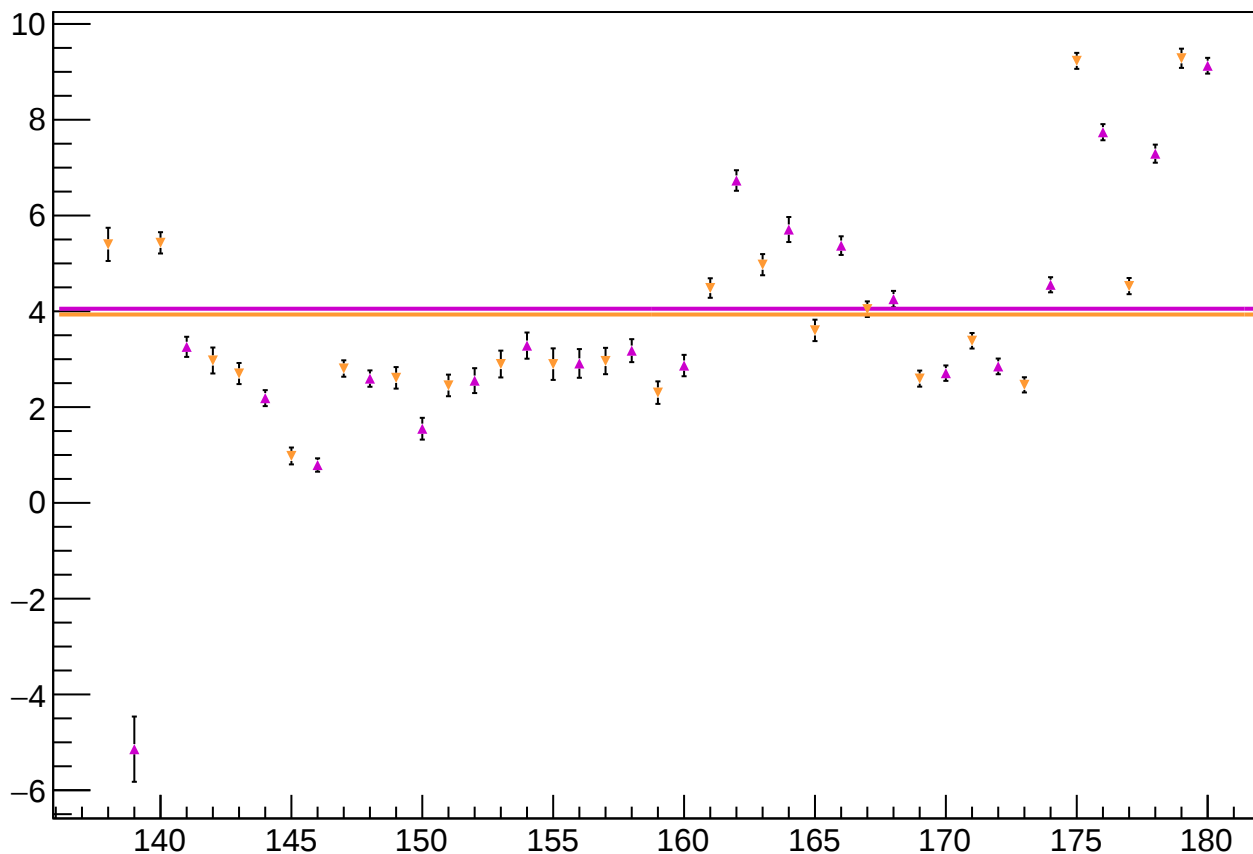
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.717+/-0.057 χ^2/NDF : 7698.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -9.119+/-0.054 χ^2/NDF : 7756.9/20

Left: -8.927+/-0.039 χ^2/NDF : 15481.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.119+/-0.054 χ^2/NDF : 7756.9/20
 Out: -8.717+/-0.057 χ^2/NDF : 7698.4/21

All: -8.927+/-0.039 χ^2/NDF : 15481.5/42

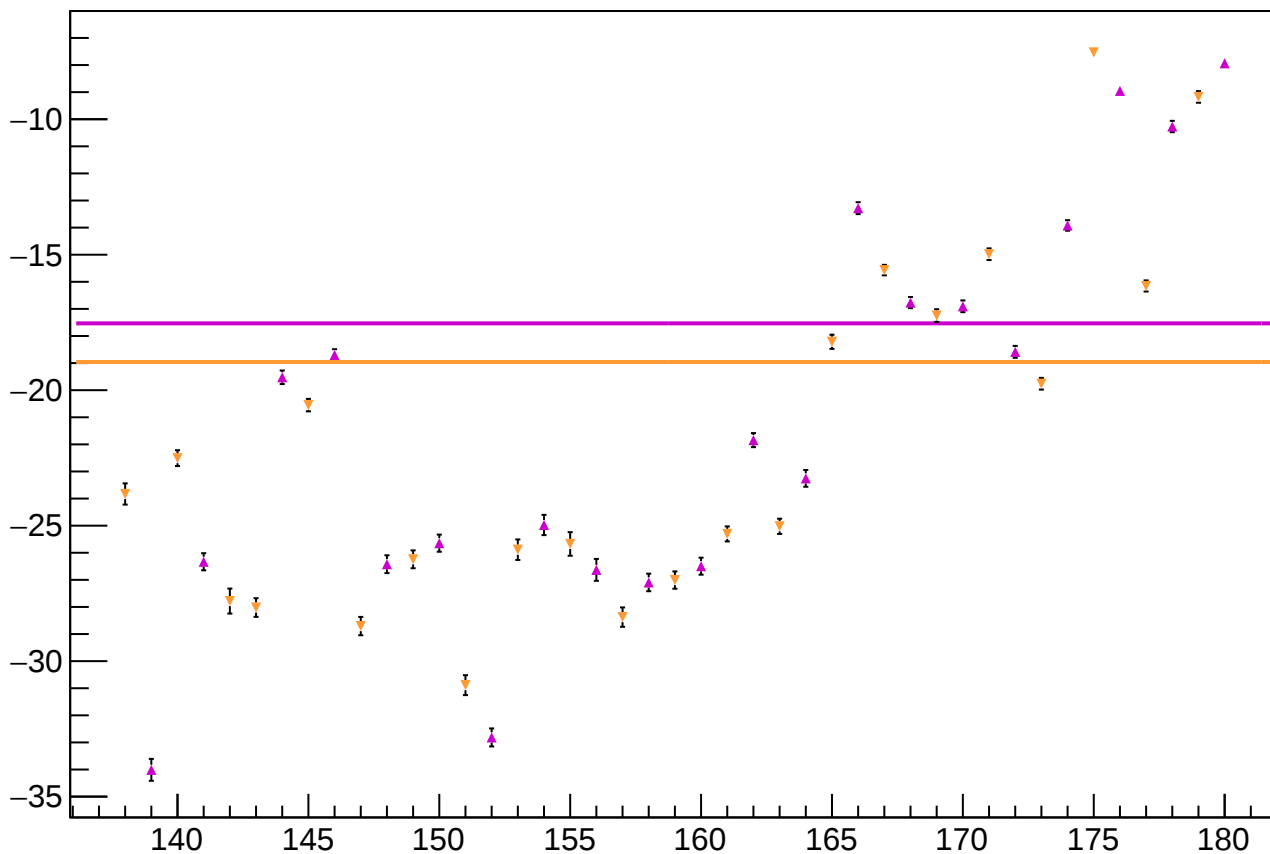
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.933+/-0.043 χ^2/NDF :2517.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.054+/-0.042 χ^2/NDF :3260.6/20

Left: 3.995+/-0.030 χ^2/NDF : 5781.6/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.054+/-0.042 χ^2/NDF :3260.6/20
 Out: 3.933+/-0.043 χ^2/NDF :2517.0/21
 All: 3.995+/-0.030 χ^2/NDF : 5781.6/42

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -18.960 $\pm$ 0.057 χ^2 /NDF:13957.3/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -17.533 $\pm$ 0.054 χ^2 /NDF:16739.5/20

Left: -18.213 $\pm$ 0.039 χ^2 /NDF: 31028.8/42

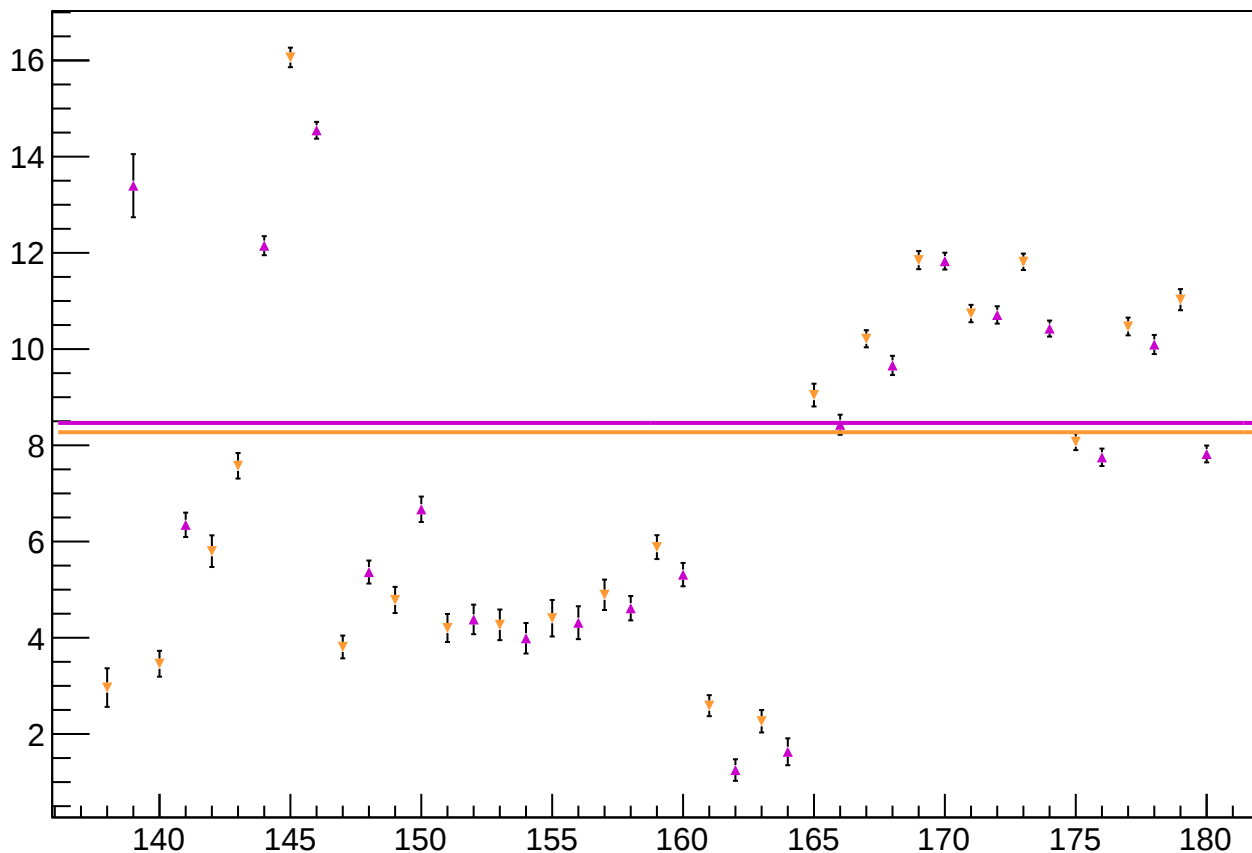
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.533 $\pm$ 0.054 χ^2 /NDF:16739.5/20

Out: -18.960 $\pm$ 0.057 χ^2 /NDF:13957.3/21

All: -18.213 $\pm$ 0.039 χ^2 /NDF: 31028.8/42

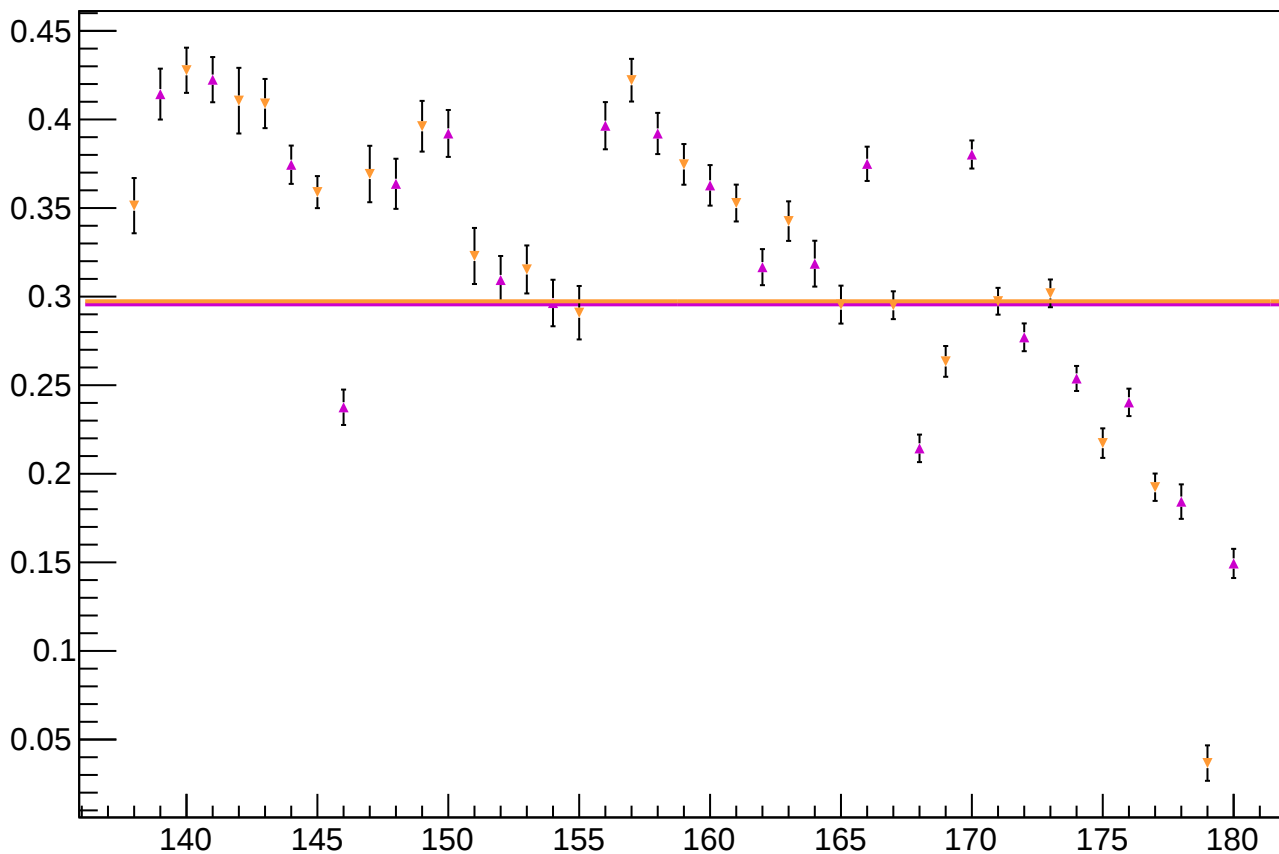
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 8.272 $\pm$ 0.049 χ^2 /NDF:5962.8/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.465 $\pm$ 0.048 χ^2 /NDF:5255.0/20

Left: 8.371 $\pm$ 0.034 χ^2 /NDF: 11225.8/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.465 $\pm$ 0.048 χ^2 /NDF:5255.0/20
 Out: 8.272 $\pm$ 0.049 χ^2 /NDF:5962.8/21
 All: 8.371 $\pm$ 0.034 χ^2 /NDF: 11225.8/42

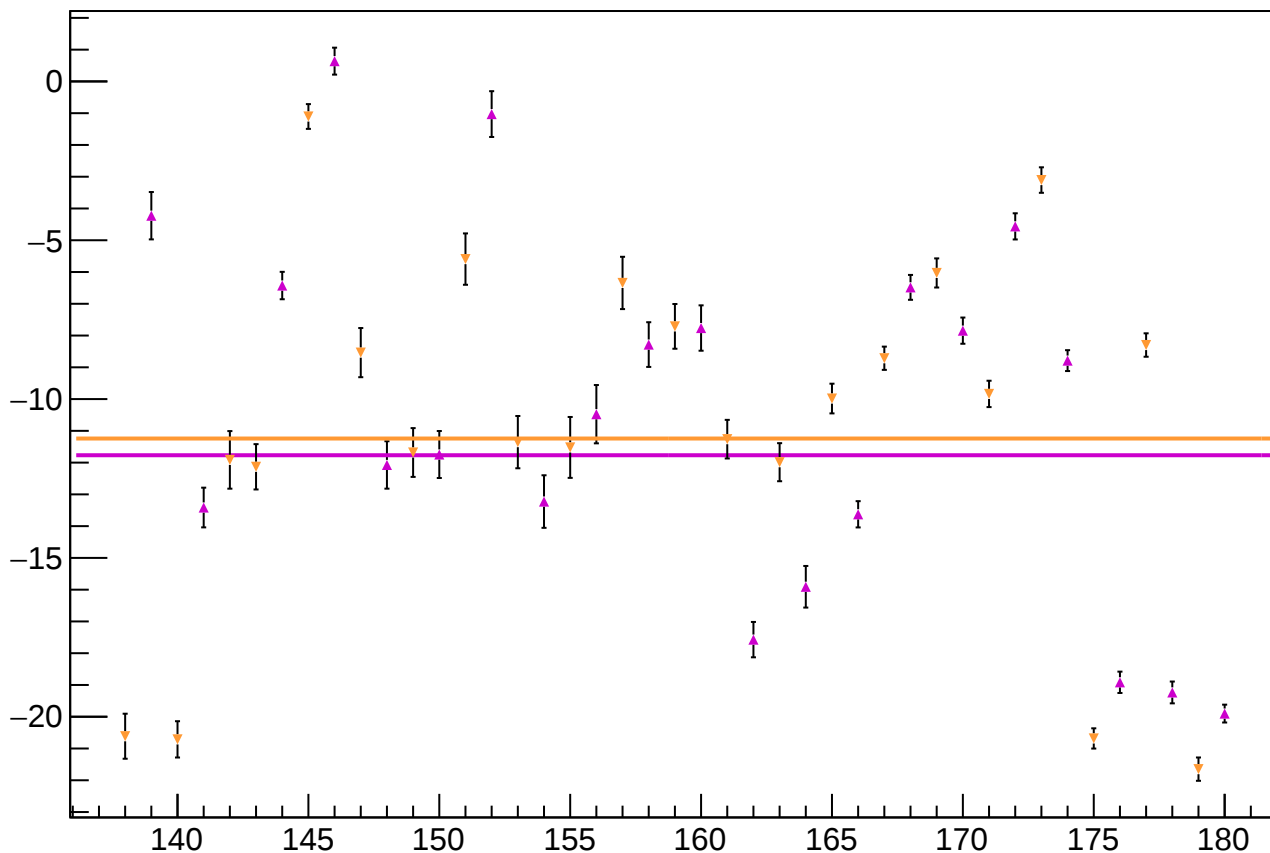
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.296 $\pm$ 0.002 χ^2 /NDF:1327.5/20

Left: 0.296 $\pm$ 0.002 χ^2 /NDF: 2834.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.296 $\pm$ 0.002 χ^2 /NDF:1327.5/20
 Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/21
 All: 0.296 $\pm$ 0.002 χ^2 /NDF: 2834.4/42

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



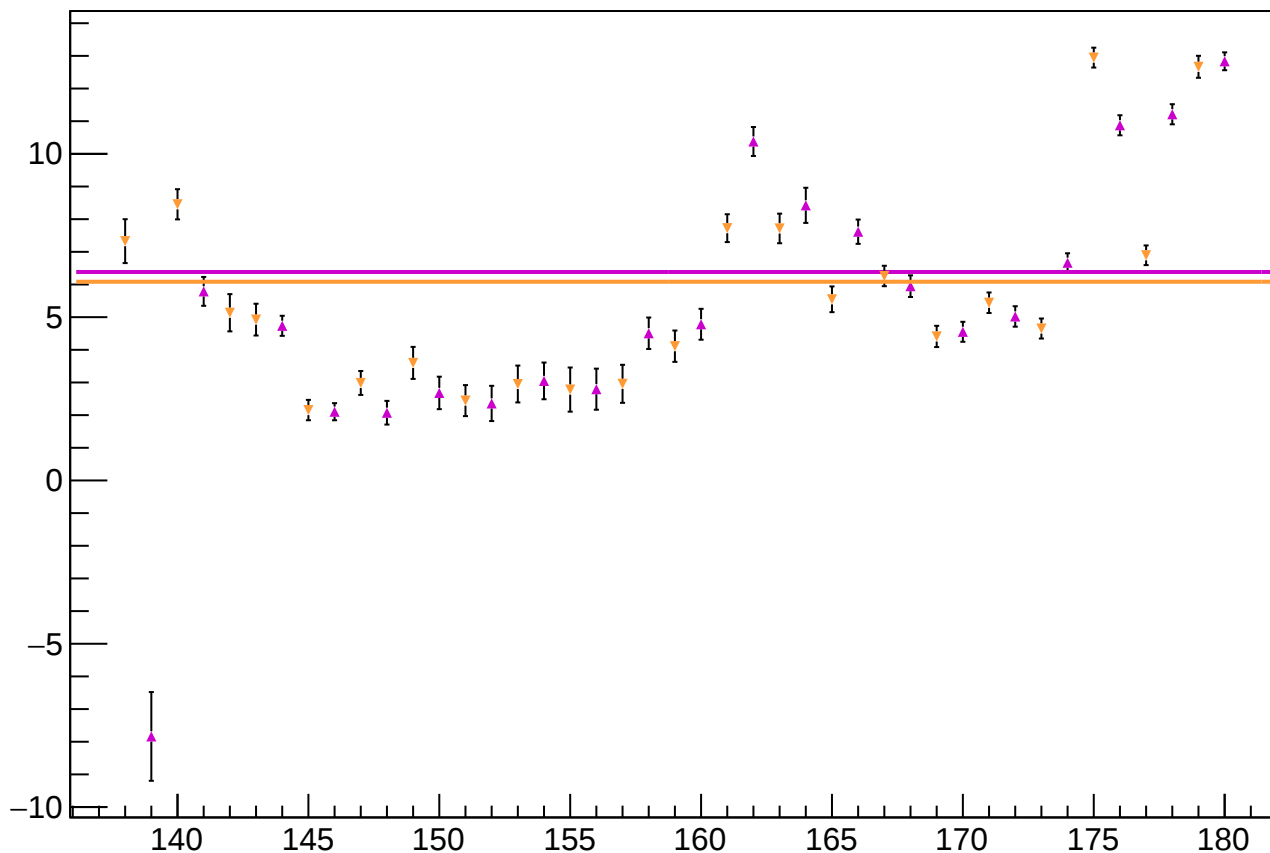
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -11.242 ± 0.109 $\chi^2/\text{NDF}: 3603.4/21$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -11.768 ± 0.102 $\chi^2/\text{NDF}: 3994.6/20$

Left: -11.522 ± 0.074 $\chi^2/\text{NDF}: 7610.4/42$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -11.768 ± 0.102 $\chi^2/\text{NDF}: 3994.6/20$
 Out: -11.242 ± 0.109 $\chi^2/\text{NDF}: 3603.4/21$

All: -11.522 ± 0.074 $\chi^2/\text{NDF}: 7610.4/42$

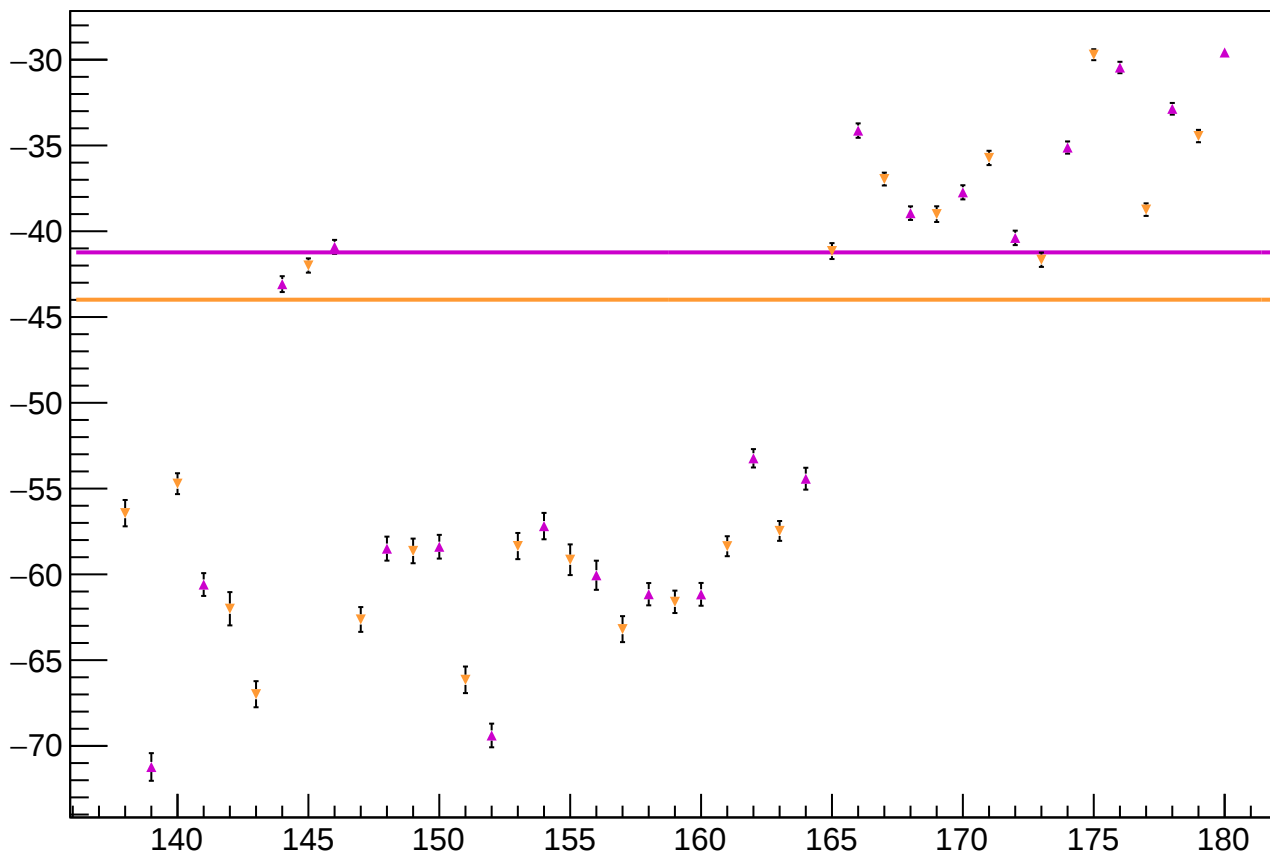
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.085 $\pm$ 0.084 χ^2 /NDF:1432.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.383 $\pm$ 0.081 χ^2 /NDF:1933.3/20

Left: 6.240 $\pm$ 0.058 χ^2 /NDF: 3372.8/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.383 $\pm$ 0.081 χ^2 /NDF:1933.3/20
 Out: 6.085 $\pm$ 0.084 χ^2 /NDF:1432.9/21
 All: 6.240 $\pm$ 0.058 χ^2 /NDF: 3372.8/42

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: -43.989+/-0.109 χ^2/NDF :10748.3/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Left: -42.520+/-0.074 χ^2/NDF : 24000.7/42

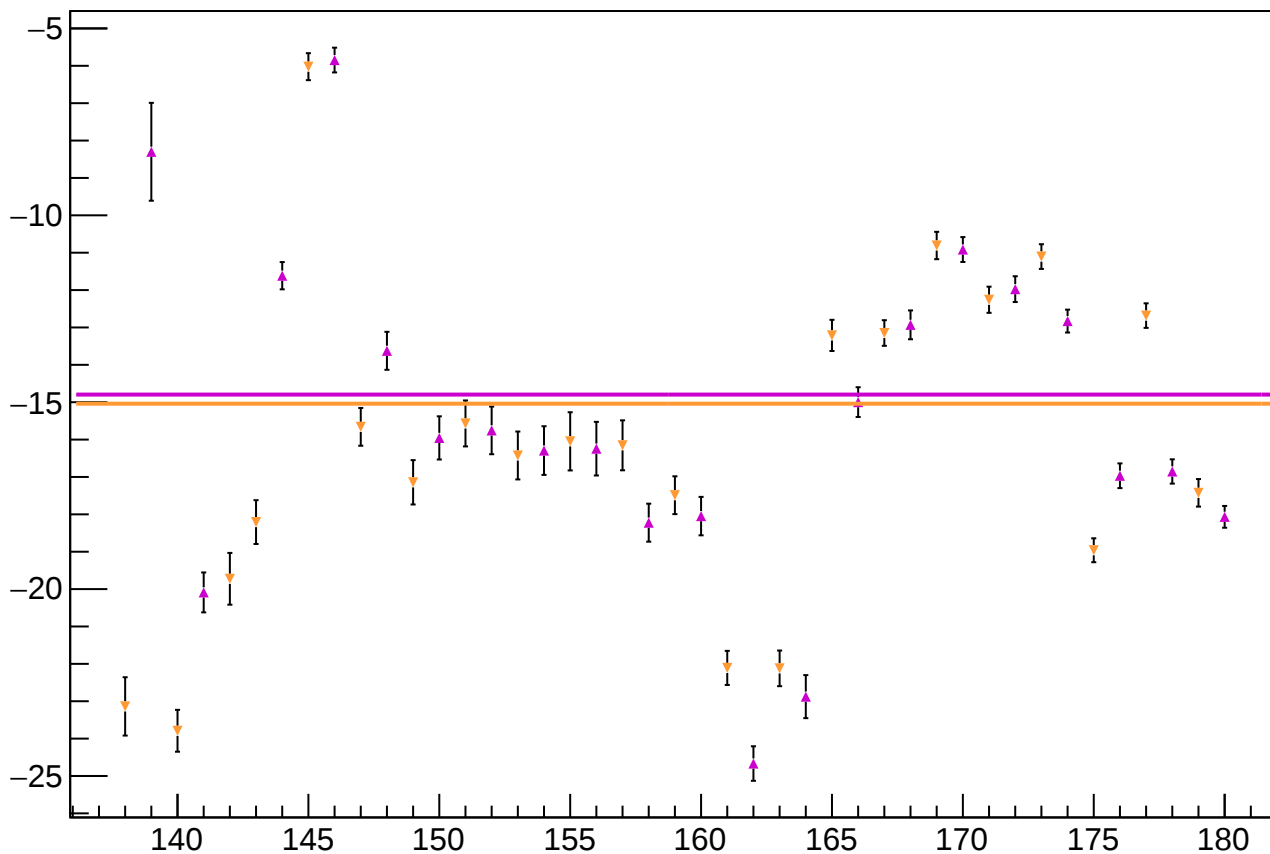
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Out: -43.989+/-0.109 χ^2/NDF :10748.3/21

All: -42.520+/-0.074 χ^2/NDF : 24000.7/42

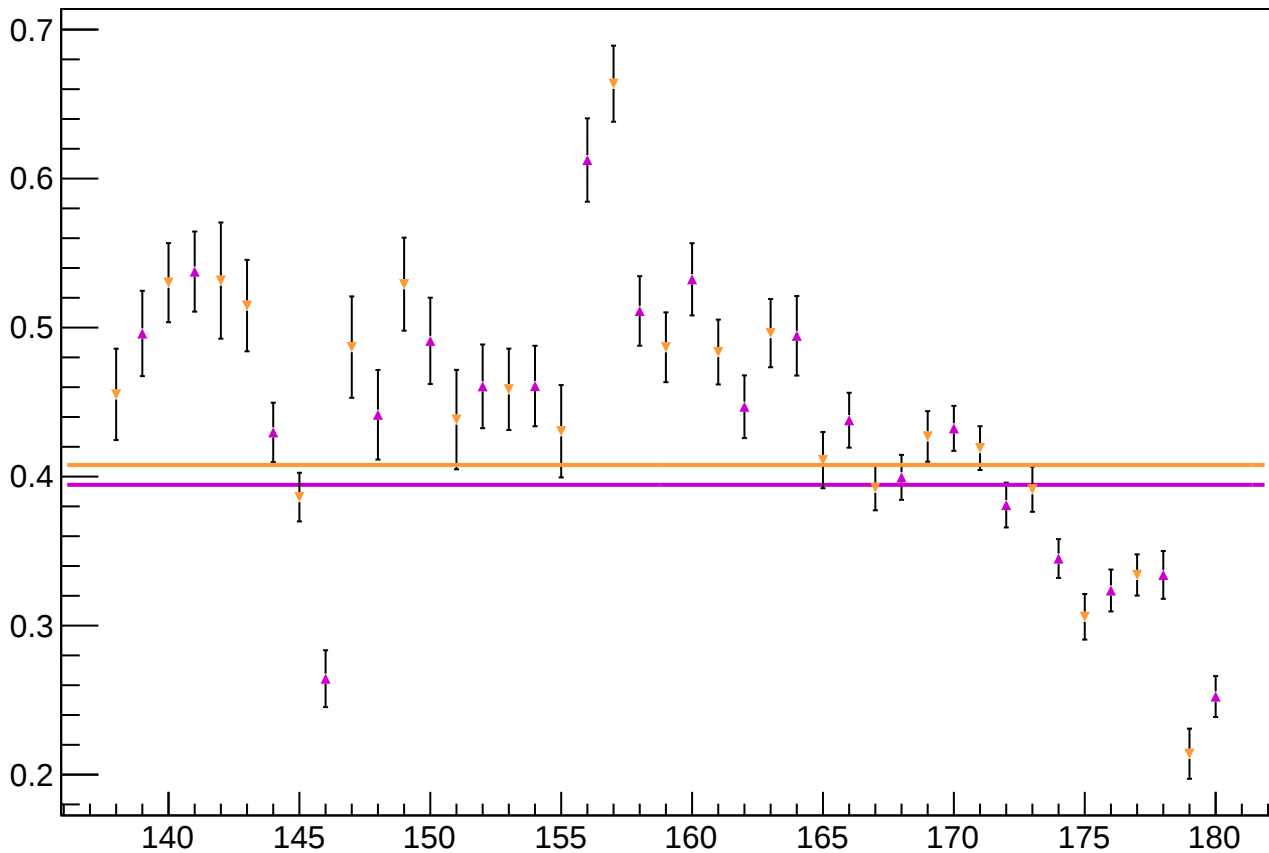
reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -15.040 $\pm$ 0.095 χ^2 /NDF:2191.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -14.796 $\pm$ 0.091 χ^2 /NDF:2166.8/20

Left: -14.913 $\pm$ 0.066 χ^2 /NDF: 4361.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -14.796 $\pm$ 0.091 χ^2 /NDF:2166.8/20
 Out: -15.040 $\pm$ 0.095 χ^2 /NDF:2191.2/21
 All: -14.913 $\pm$ 0.066 χ^2 /NDF: 4361.4/42

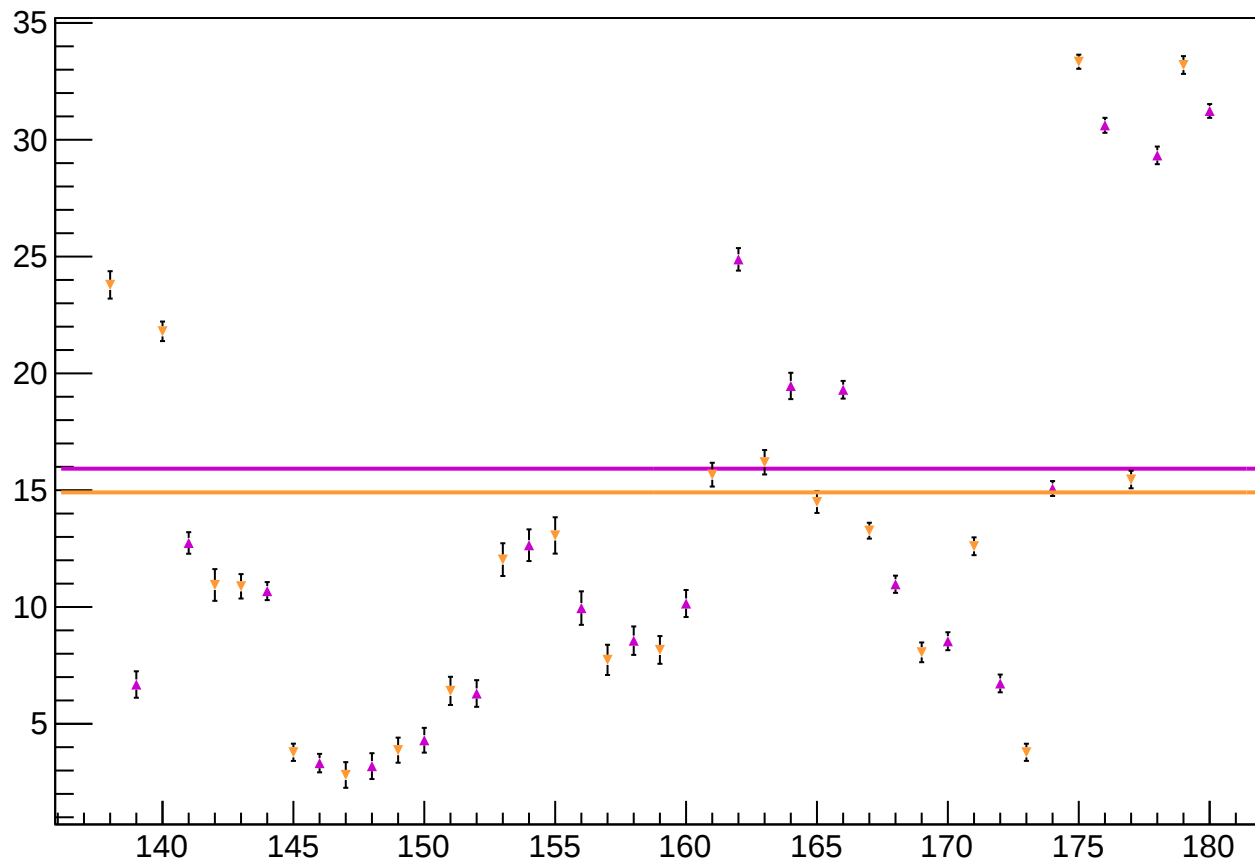
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.408 $\pm$ 0.004 χ^2/NDF :421.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.394 $\pm$ 0.004 χ^2/NDF :427.7/20

Left: 0.401 $\pm$ 0.003 χ^2/NDF : 853.8/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.394 $\pm$ 0.004 χ^2/NDF :427.7/20
 Out: 0.408 $\pm$ 0.004 χ^2/NDF :421.2/21
 All: 0.401 $\pm$ 0.003 χ^2/NDF : 853.8/42

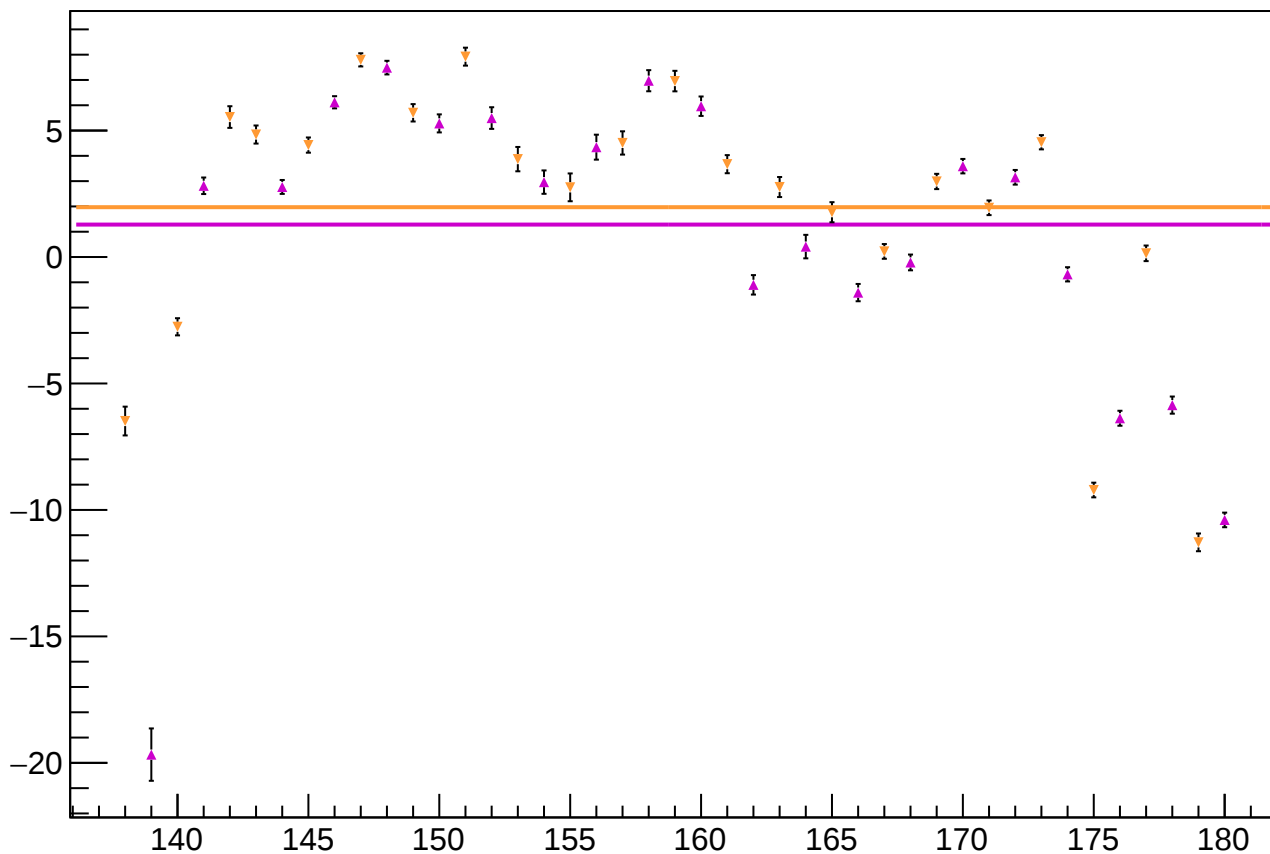
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 14.906 $\pm$ 0.097 χ^2 /NDF:10153.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 15.921 $\pm$ 0.094 χ^2 /NDF:10808.3/20

Left: 15.433 $\pm$ 0.067 χ^2 /NDF: 21018.0/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 15.921 $\pm$ 0.094 χ^2 /NDF:10808.3/20
 Out: 14.906 $\pm$ 0.097 χ^2 /NDF:10153.1/21
 All: 15.433 $\pm$ 0.067 χ^2 /NDF: 21018.0/42

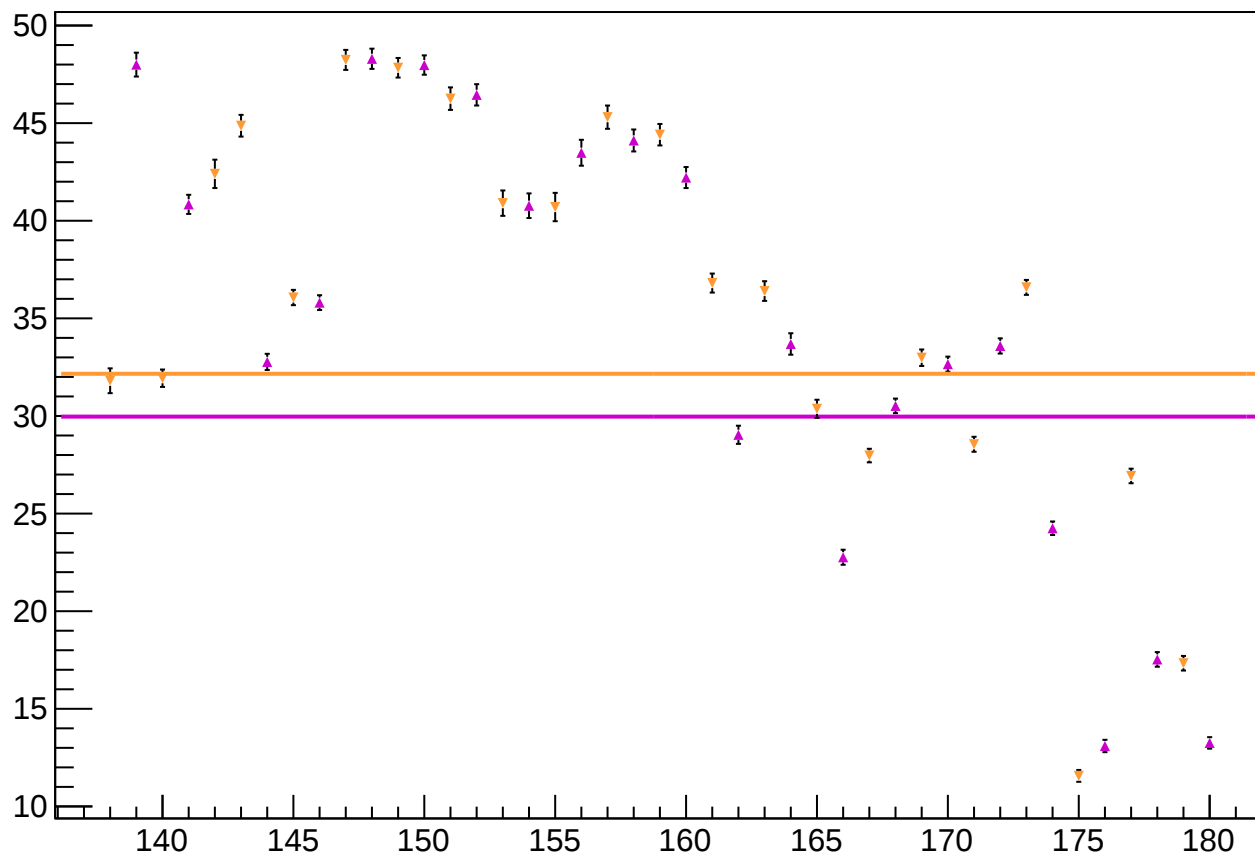
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.970 $\pm$ 0.074 χ^2 /NDF:4813.0/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.282 $\pm$ 0.073 χ^2 /NDF:5028.9/20

Left: 1.622 $\pm$ 0.052 χ^2 /NDF: 9885.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.282 $\pm$ 0.073 χ^2 /NDF:5028.9/20
 Out: 1.970 $\pm$ 0.074 χ^2 /NDF:4813.0/21
 All: 1.622 $\pm$ 0.052 χ^2 /NDF: 9885.9/42

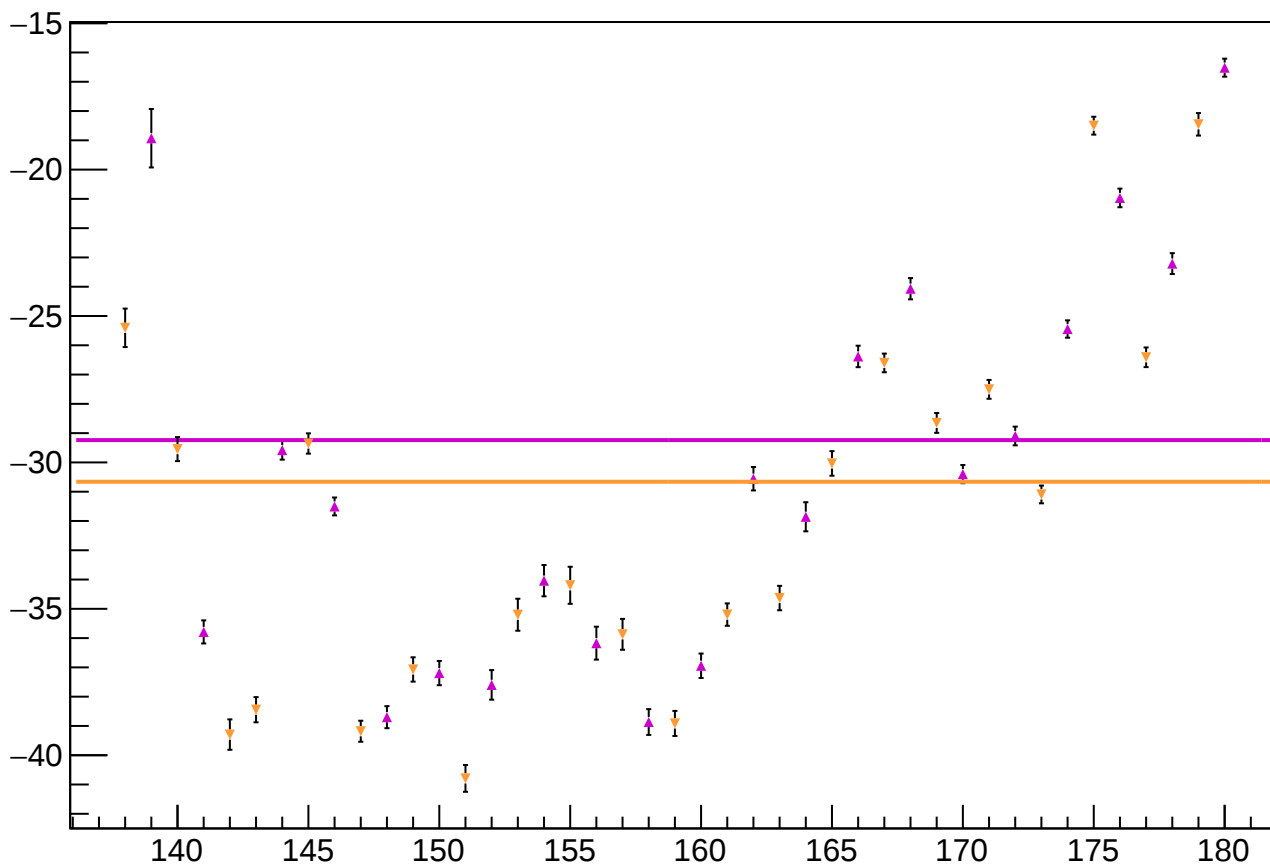
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 32.161 $\pm$ 0.097 χ^2 /NDF:11597.2/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 29.967 $\pm$ 0.094 χ^2 /NDF:14958.9/20

Left: 31.021 $\pm$ 0.067 χ^2 /NDF: 26820.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 29.967 $\pm$ 0.094 χ^2 /NDF:14958.9/20
 Out: 32.161 $\pm$ 0.097 χ^2 /NDF:11597.2/21
 All: 31.021 $\pm$ 0.067 χ^2 /NDF: 26820.9/42

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: -30.660+/-0.084 χ^2/NDF : 5839.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.238+/-0.082 χ^2/NDF : 5917.6/20

Left: -29.938+/-0.059 χ^2/NDF : 11903.9/42

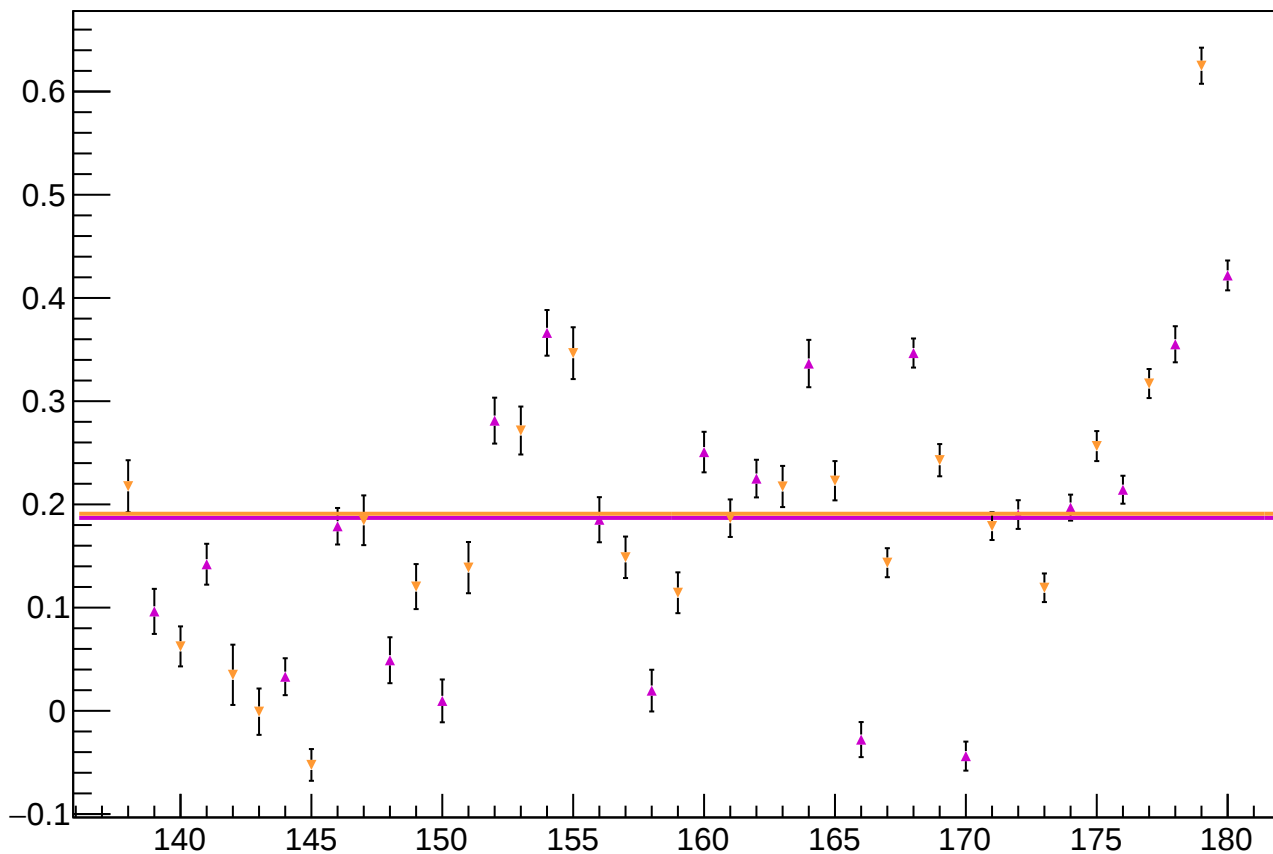
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.238+/-0.082 χ^2/NDF : 5917.6/20

Out: -30.660+/-0.084 χ^2/NDF : 5839.8/21

All: -29.938+/-0.059 χ^2/NDF : 11903.9/42

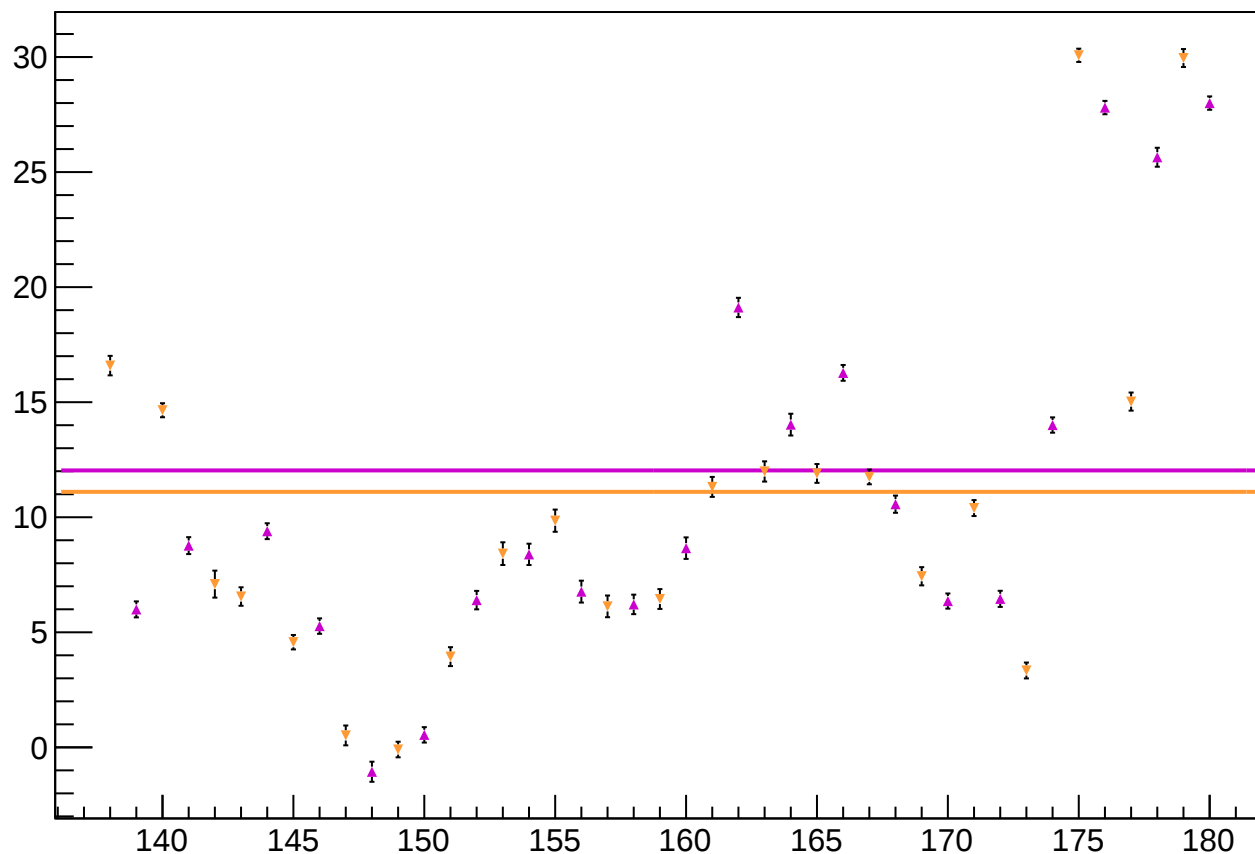
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.191 $\pm$ 0.004 χ^2 /NDF:1252.6/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.187 $\pm$ 0.004 χ^2 /NDF:1336.7/20

Left: 0.189 $\pm$ 0.003 χ^2 /NDF: 2589.9/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.187 $\pm$ 0.004 χ^2 /NDF:1336.7/20
 Out: 0.191 $\pm$ 0.004 χ^2 /NDF:1252.6/21
 All: 0.189 $\pm$ 0.003 χ^2 /NDF: 2589.9/42

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 11.104 $\pm$ 0.082 χ^2 /NDF:10516.7/21

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 12.035 $\pm$ 0.081 χ^2 /NDF:11657.5/20

Left: 11.579 $\pm$ 0.057 χ^2 /NDF: 22239.7/42

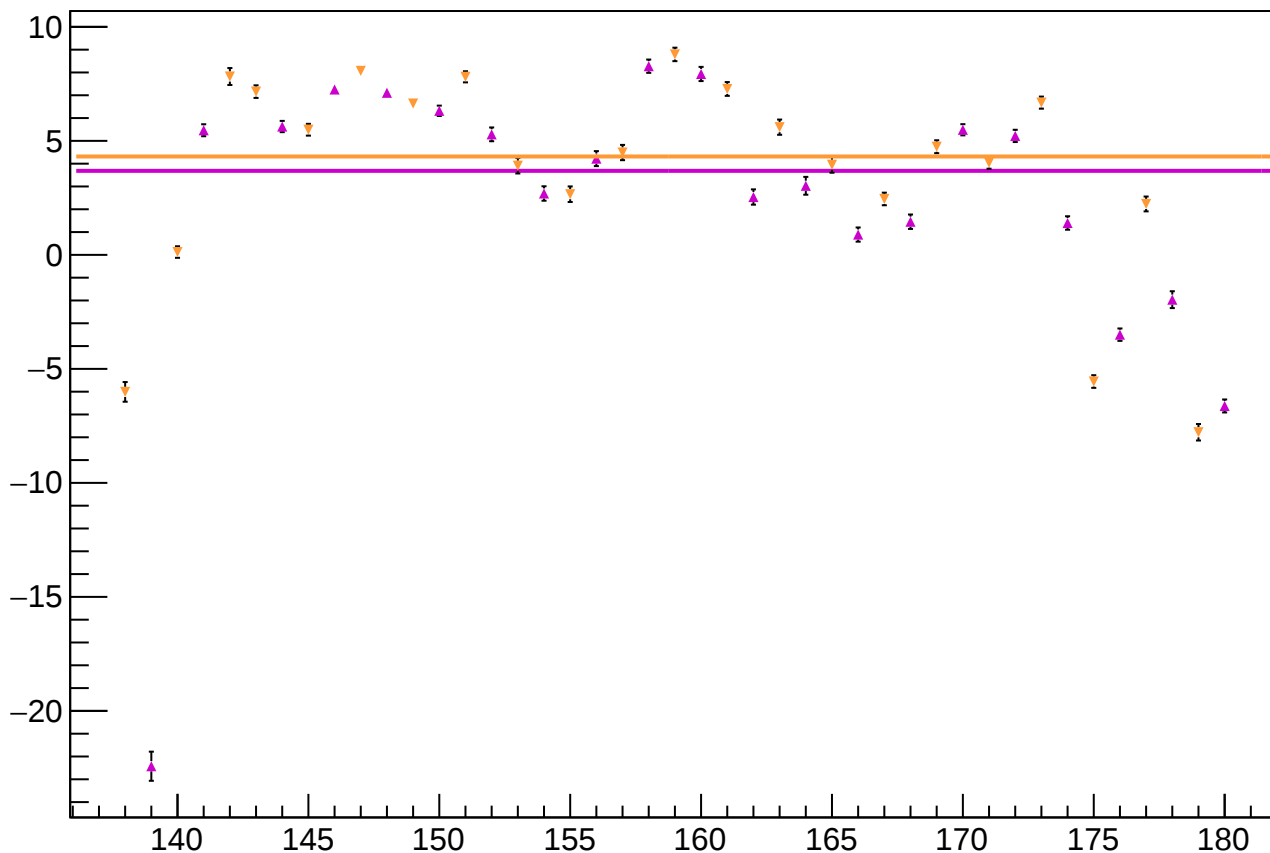
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 12.035 $\pm$ 0.081 χ^2 /NDF:11657.5/20

Out: 11.104 $\pm$ 0.082 χ^2 /NDF:10516.7/21

All: 11.579 $\pm$ 0.057 χ^2 /NDF: 22239.7/42

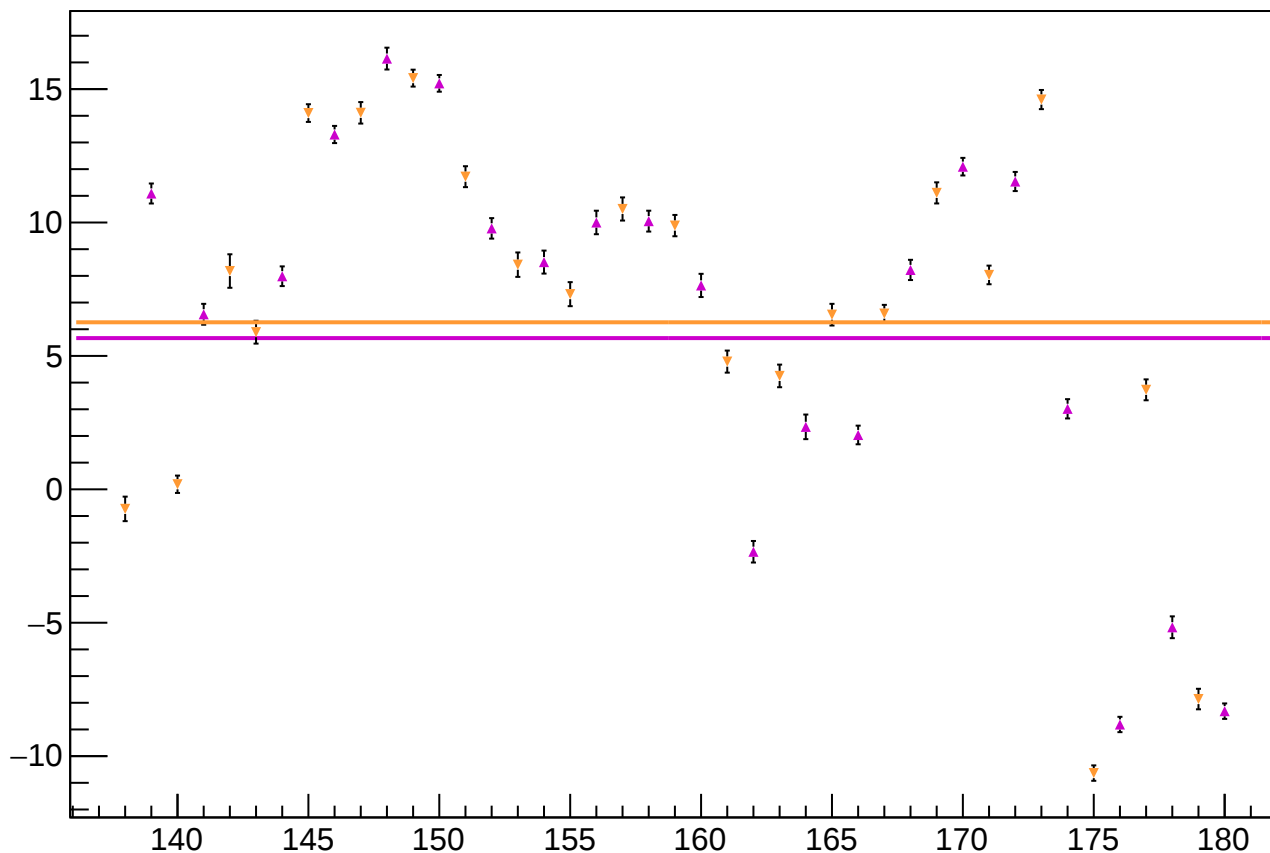
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.315+/-0.061 χ^2/NDF : 4625.7/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.685+/-0.062 χ^2/NDF : 5457.0/20

Left: 4.005+/-0.044 χ^2/NDF : 10134.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.685+/-0.062 χ^2/NDF : 5457.0/20
 Out: 4.315+/-0.061 χ^2/NDF : 4625.7/21
 All: 4.005+/-0.044 χ^2/NDF : 10134.8/42

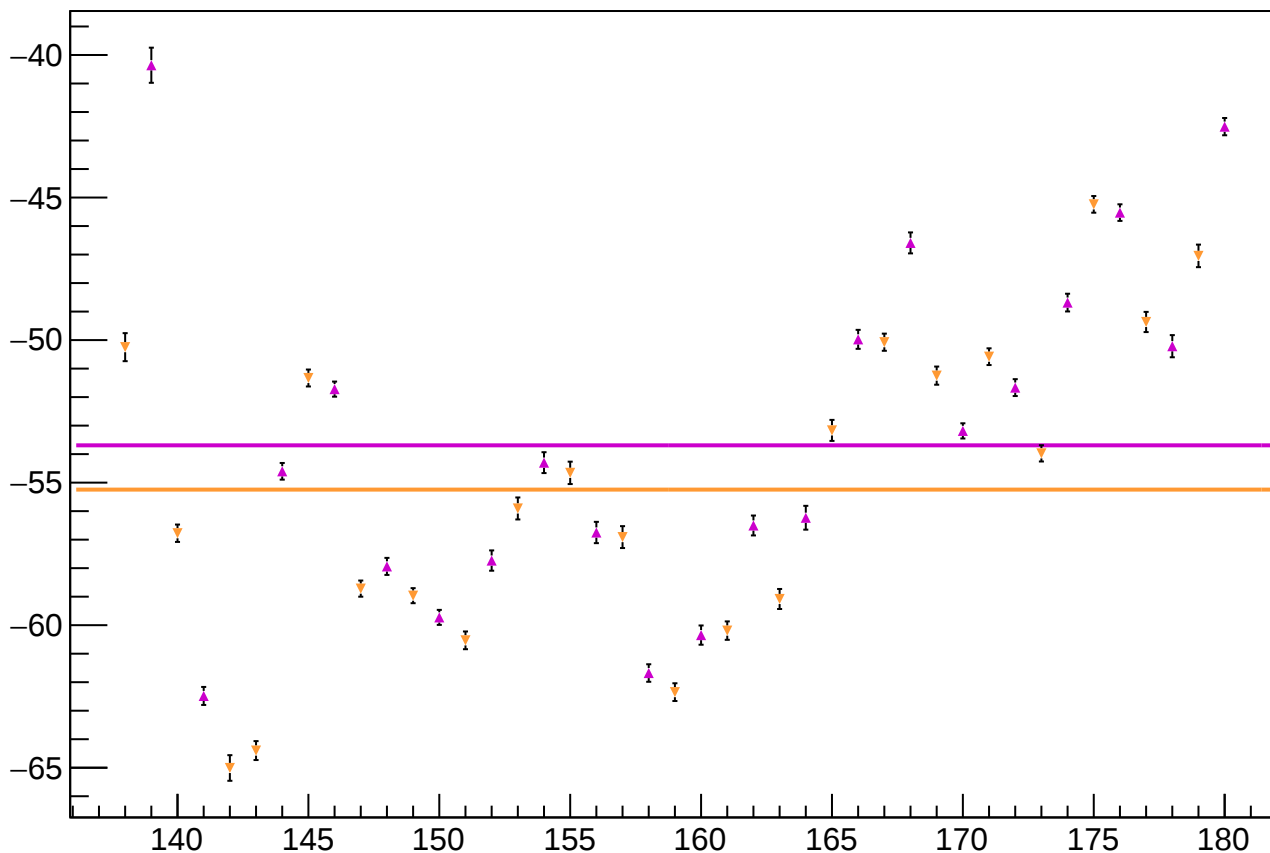
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 6.260 $\pm$ 0.082 χ^2 /NDF:8325.9/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20

Left: 5.957 $\pm$ 0.057 χ^2 /NDF: 18028.6/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.668 $\pm$ 0.080 χ^2 /NDF:9675.8/20
 Out: 6.260 $\pm$ 0.082 χ^2 /NDF:8325.9/21
 All: 5.957 $\pm$ 0.057 χ^2 /NDF: 18028.6/42

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: -55.244+/-0.070 χ^2/NDF : 5704.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.692+/-0.070 χ^2/NDF : 6434.6/20

Left: -54.472+/-0.050 χ^2/NDF : 12383.4/42

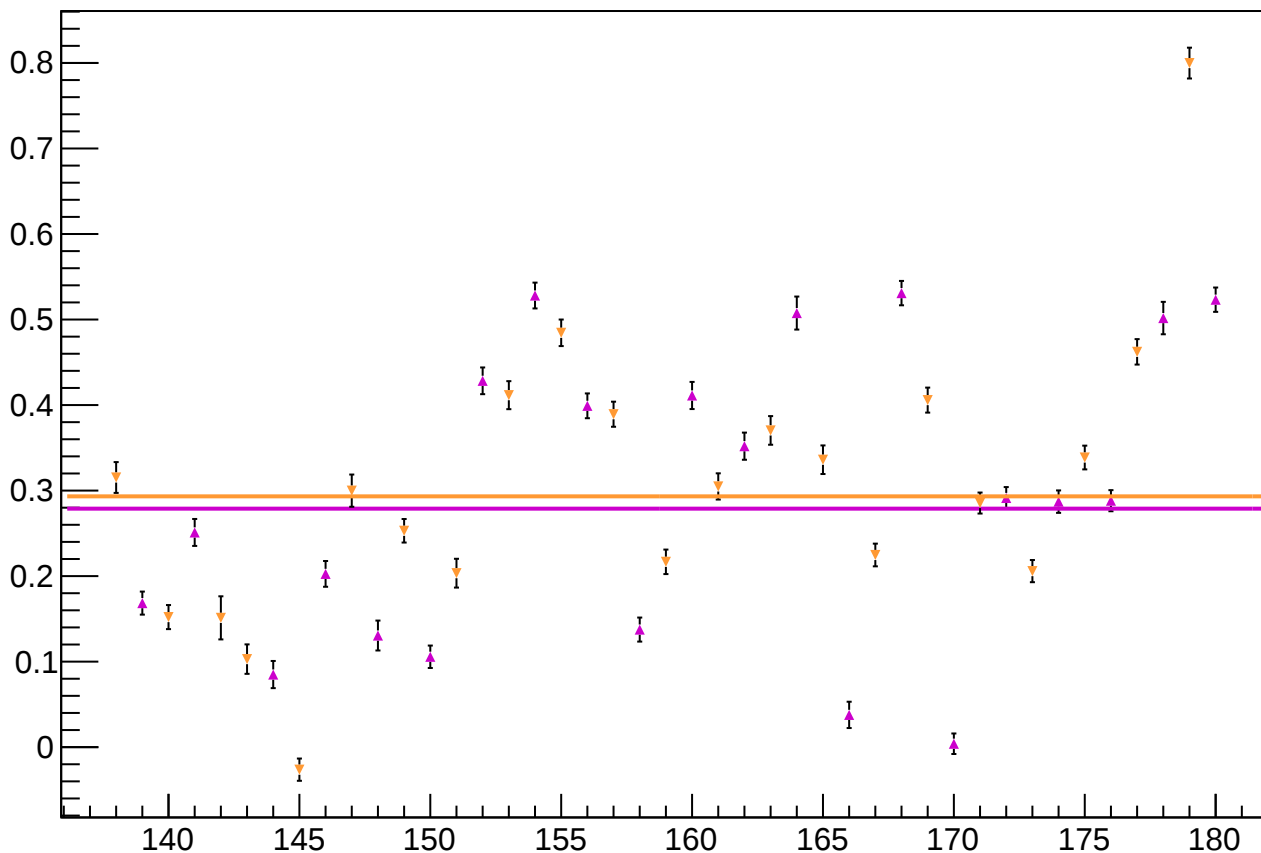
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.692+/-0.070 χ^2/NDF : 6434.6/20

Out: -55.244+/-0.070 χ^2/NDF : 5704.6/21

All: -54.472+/-0.050 χ^2/NDF : 12383.4/42

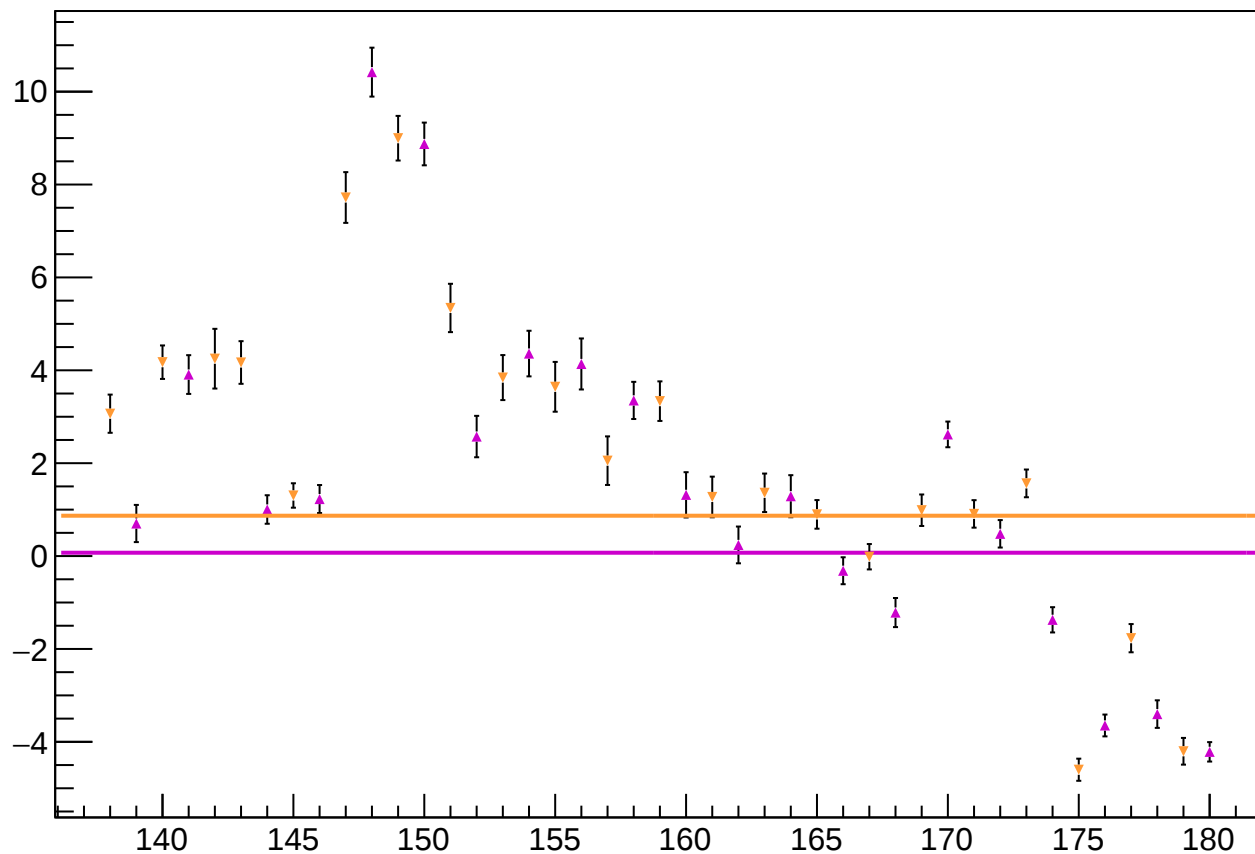
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 0.293 $\pm$ 0.003 χ^2/NDF :2261.4/21
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.279 $\pm$ 0.003 χ^2/NDF :2775.7/20

Left: 0.286 $\pm$ 0.002 χ^2/NDF : 5047.1/42
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 0.279 $\pm$ 0.003 χ^2/NDF :2775.7/20
 Out: 0.293 $\pm$ 0.003 χ^2/NDF :2261.4/21
 All: 0.286 $\pm$ 0.002 χ^2/NDF : 5047.1/42

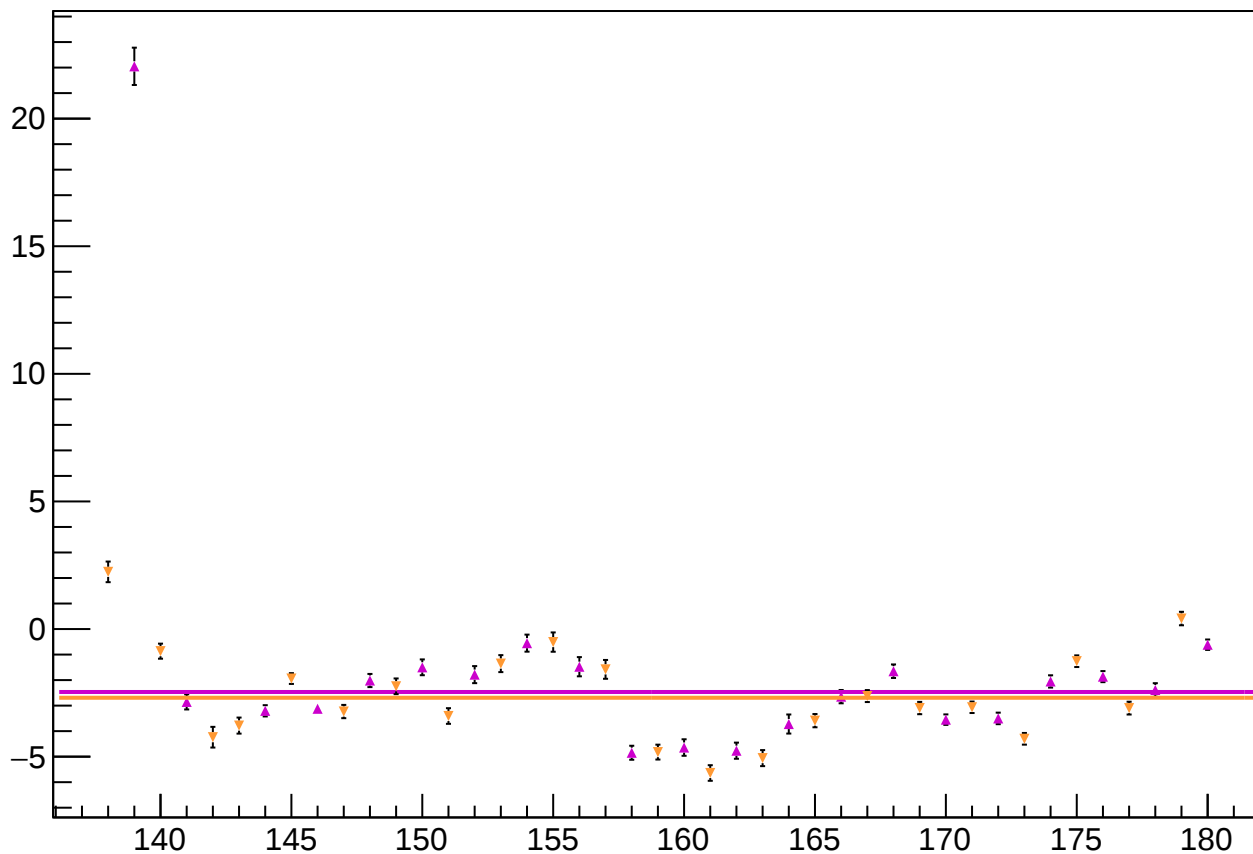
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.869+/-0.077 χ^2/NDF :1746.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.072+/-0.073 χ^2/NDF :2048.2/20

Left: 0.450+/-0.053 χ^2/NDF : 3851.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.072+/-0.073 χ^2/NDF :2048.2/20
 Out: 0.869+/-0.077 χ^2/NDF :1746.4/21
 All: 0.450+/-0.053 χ^2/NDF : 3851.5/42

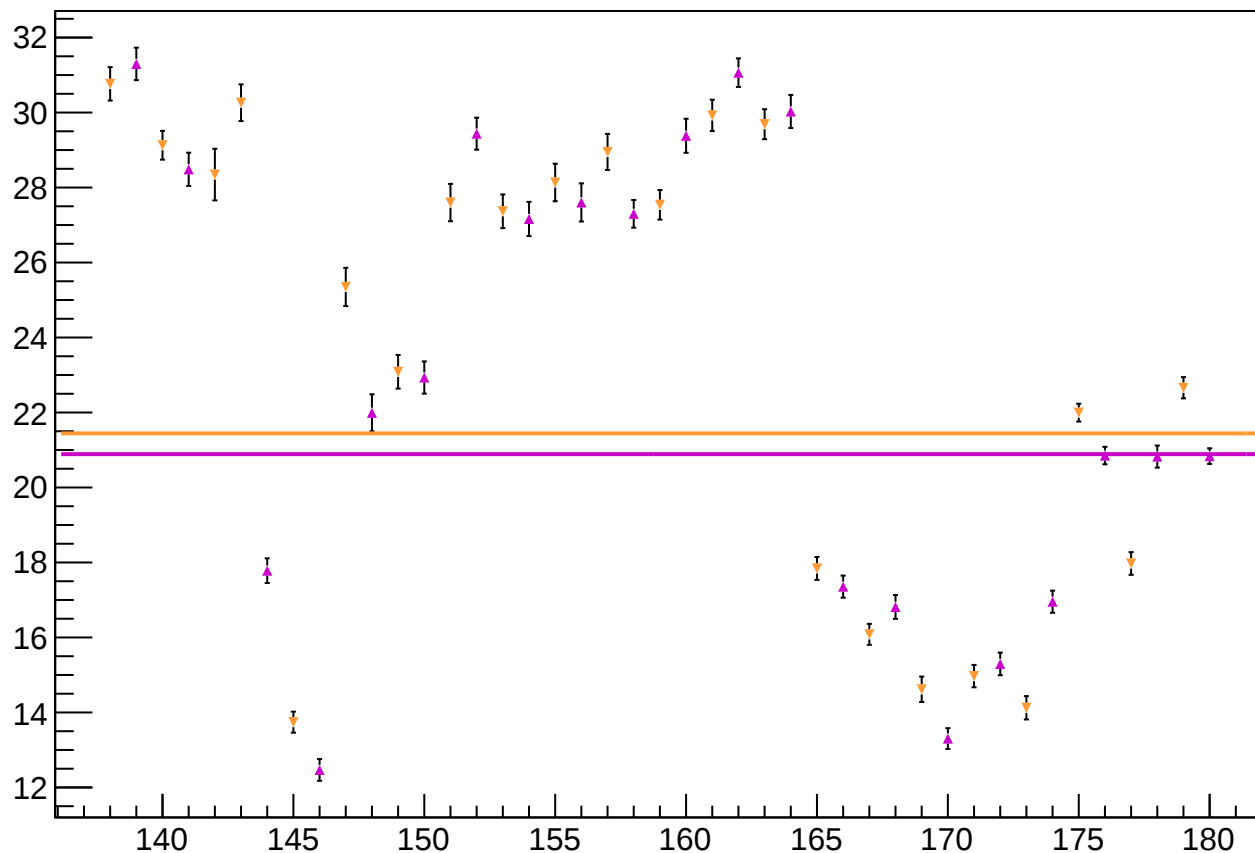
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.692 $\pm$ 0.059 χ^2 /NDF:746.7/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.466 $\pm$ 0.058 χ^2 /NDF:1542.3/20

Left: -2.577 $\pm$ 0.041 χ^2 /NDF: 2296.6/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.466 $\pm$ 0.058 χ^2 /NDF:1542.3/20
 Out: -2.692 $\pm$ 0.059 χ^2 /NDF:746.7/21
 All: -2.577 $\pm$ 0.041 χ^2 /NDF: 2296.6/42

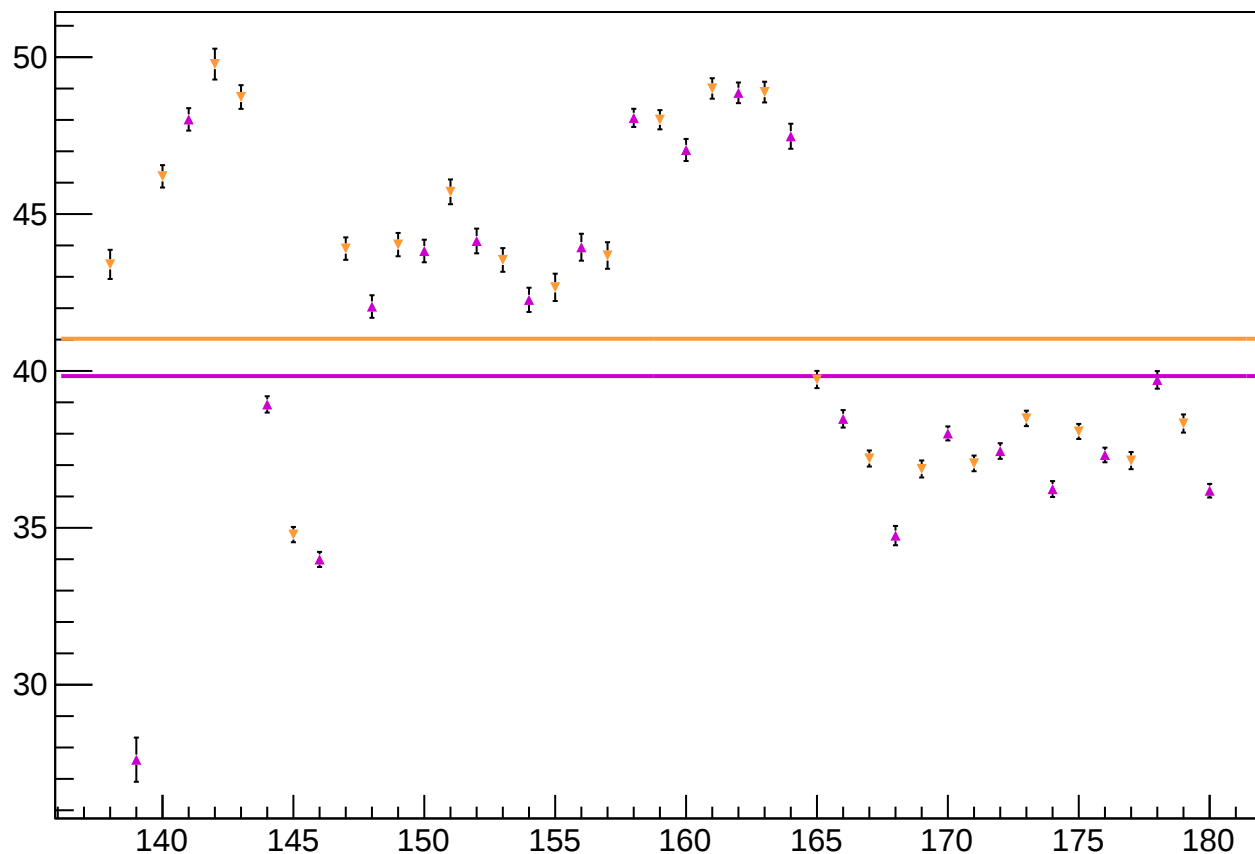
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.443+/-0.077 χ^2/NDF :6005.6/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.890+/-0.073 χ^2/NDF :5969.6/20

Left: 21.151+/-0.053 χ^2/NDF : 12002.7/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.890+/-0.073 χ^2/NDF :5969.6/20
 Out: 21.443+/-0.077 χ^2/NDF :6005.6/21
 All: 21.151+/-0.053 χ^2/NDF : 12002.7/42

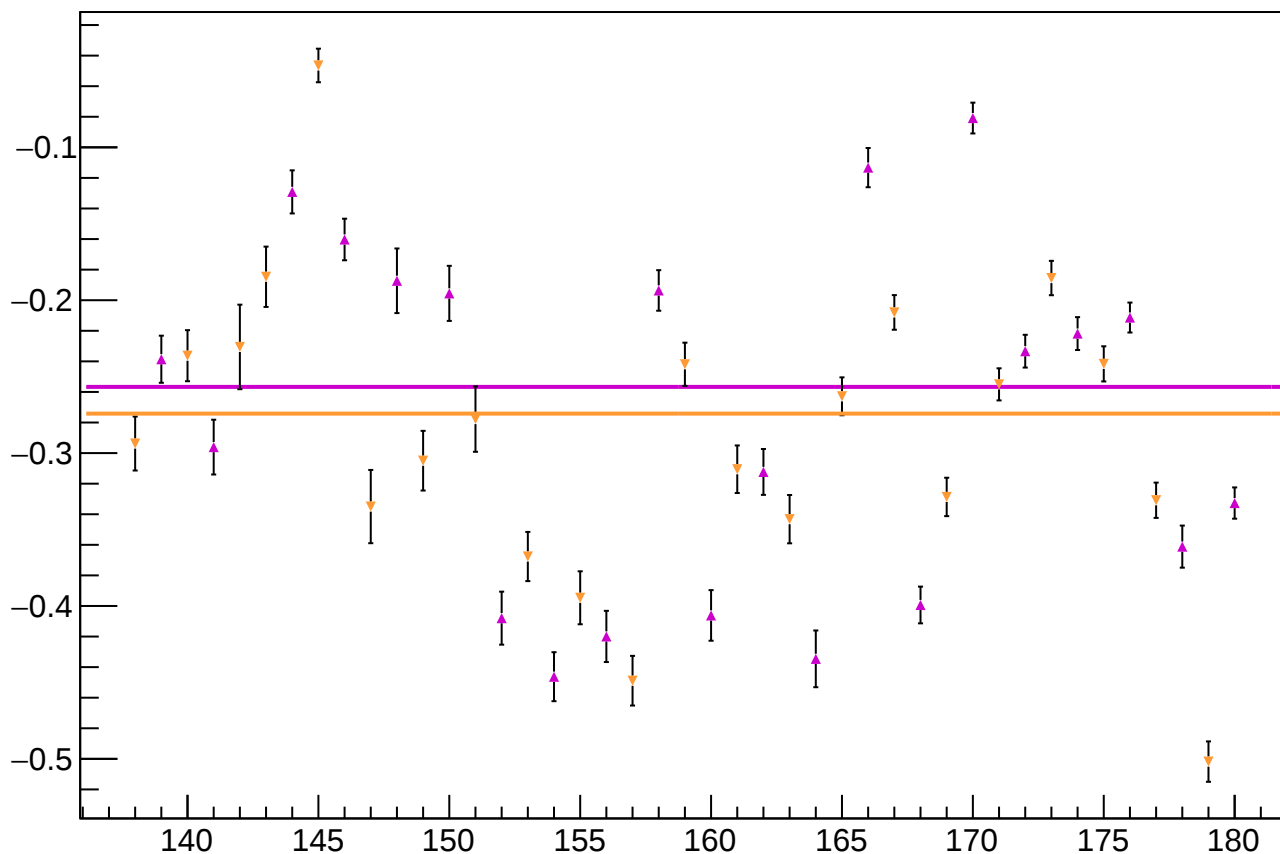
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.027+/-0.067 χ^2/NDF : 4945.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.836+/-0.065 χ^2/NDF : 5239.2/20

Left: 40.415+/-0.046 χ^2/NDF : 10349.6/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.836+/-0.065 χ^2/NDF : 5239.2/20
 Out: 41.027+/-0.067 χ^2/NDF : 4945.8/21
 All: 40.415+/-0.046 χ^2/NDF : 10349.6/42

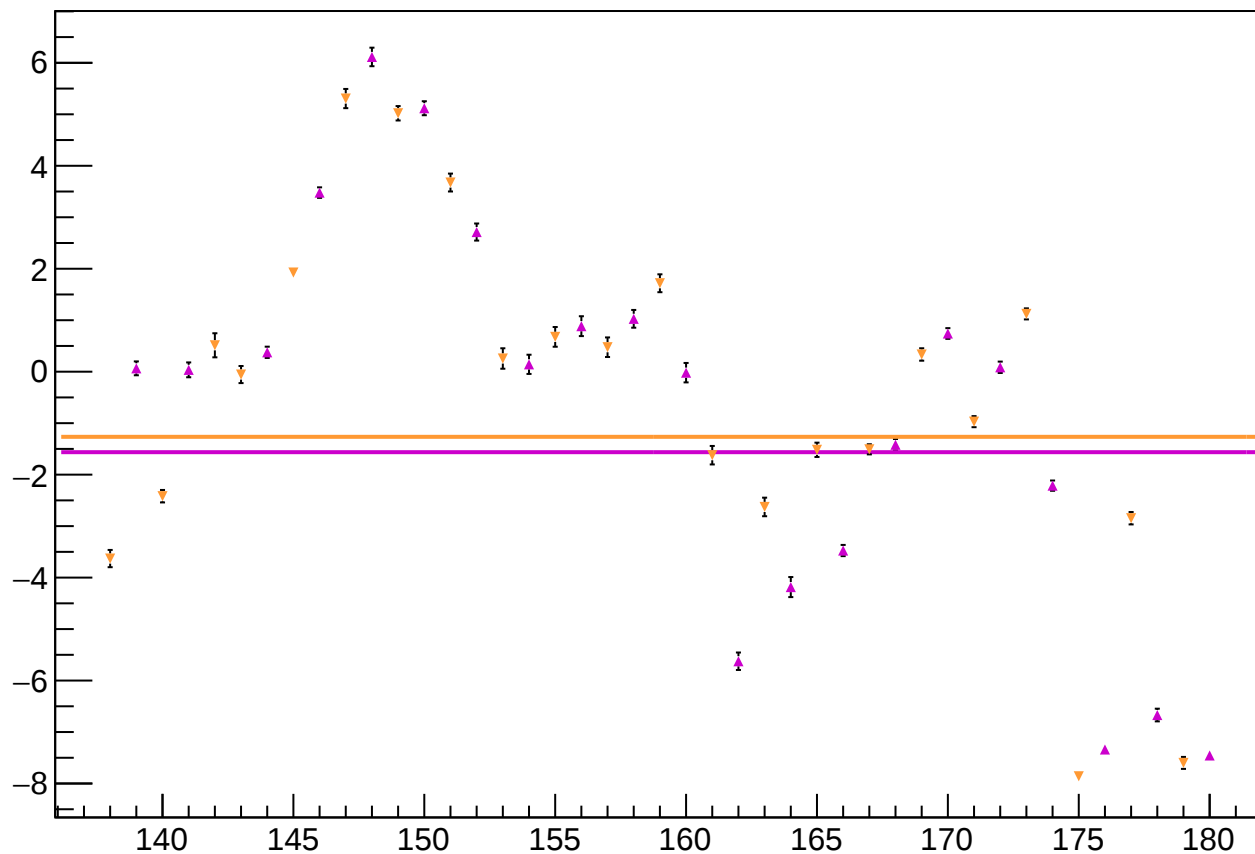
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.274 $\pm$ 0.003 χ^2 /NDF:1144.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.257 $\pm$ 0.003 χ^2 /NDF:1401.5/20

Left: -0.265 $\pm$ 0.002 χ^2 /NDF: 2562.7/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.257 $\pm$ 0.003 χ^2 /NDF:1401.5/20
 Out: -0.274 $\pm$ 0.003 χ^2 /NDF:1144.1/21
 All: -0.265 $\pm$ 0.002 χ^2 /NDF: 2562.7/42

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: -1.265 ± 0.029 χ^2/NDF : 15718.0/21
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -1.564 ± 0.027 χ^2/NDF : 20142.0/20

Left: -1.420 ± 0.020 χ^2/NDF : 35916.8/42

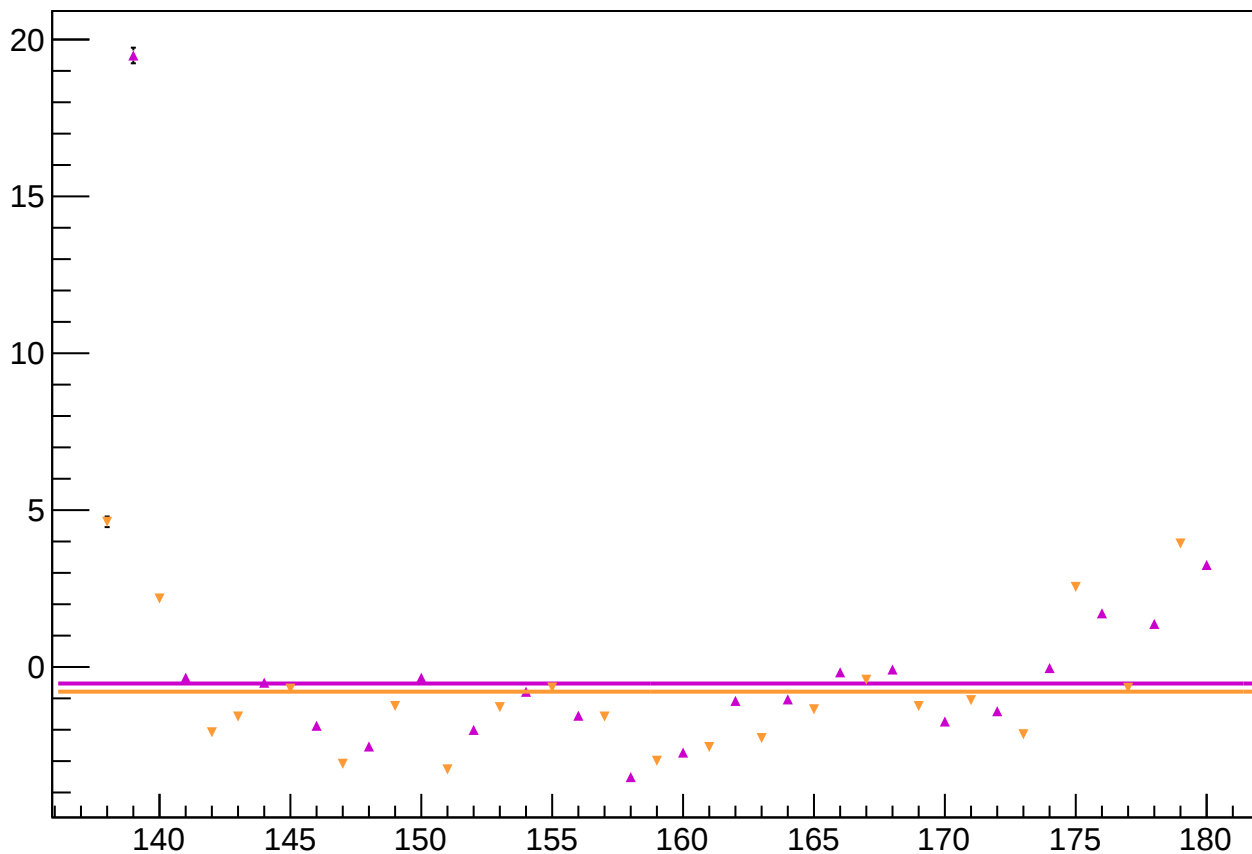
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -1.564 ± 0.027 χ^2/NDF : 20142.0/20

Out: -1.265 ± 0.029 χ^2/NDF : 15718.0/21

All: -1.420 ± 0.020 χ^2/NDF : 35916.8/42

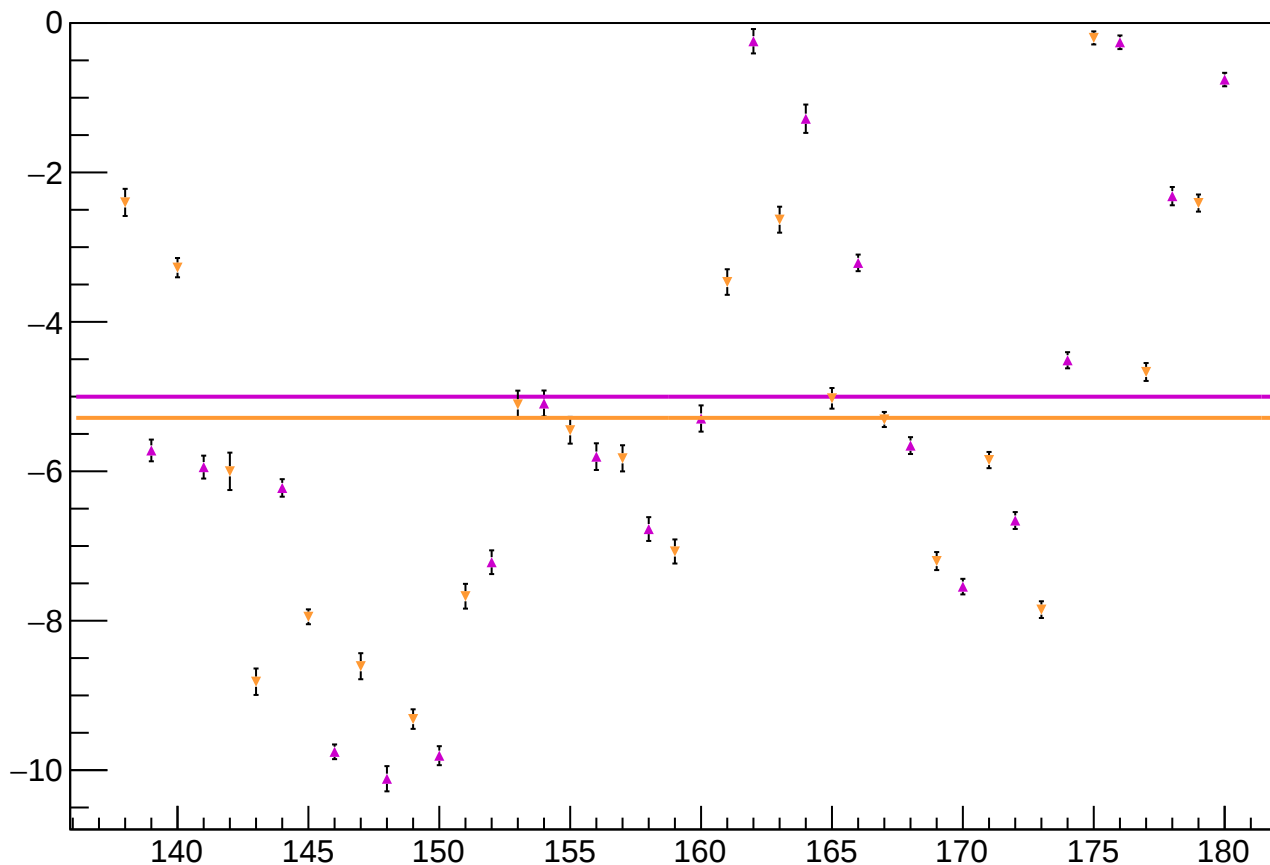
reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.786+/-0.022 χ^2/NDF : 7873.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.527+/-0.022 χ^2/NDF : 11751.3/20

Left: -0.655+/-0.015 χ^2/NDF : 19696.4/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.527+/-0.022 χ^2/NDF : 11751.3/20
 Out: -0.786+/-0.022 χ^2/NDF : 7873.8/21
 All: -0.655+/-0.015 χ^2/NDF : 19696.4/42

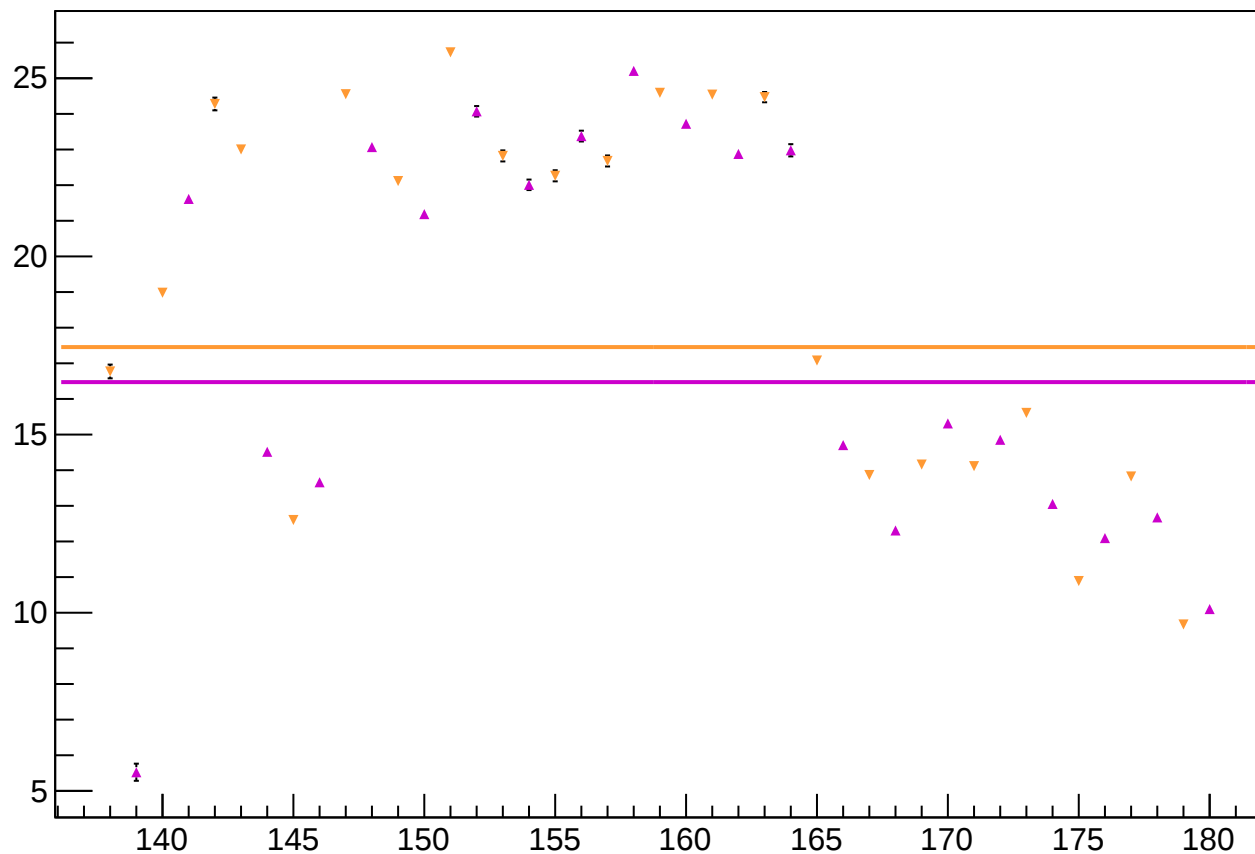
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.285 $\pm$ 0.029 χ^2 /NDF:8456.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20

Left: -5.137 $\pm$ 0.020 χ^2 /NDF: 21455.4/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20
 Out: -5.285 $\pm$ 0.029 χ^2 /NDF:8456.1/21
 All: -5.137 $\pm$ 0.020 χ^2 /NDF: 21455.4/42

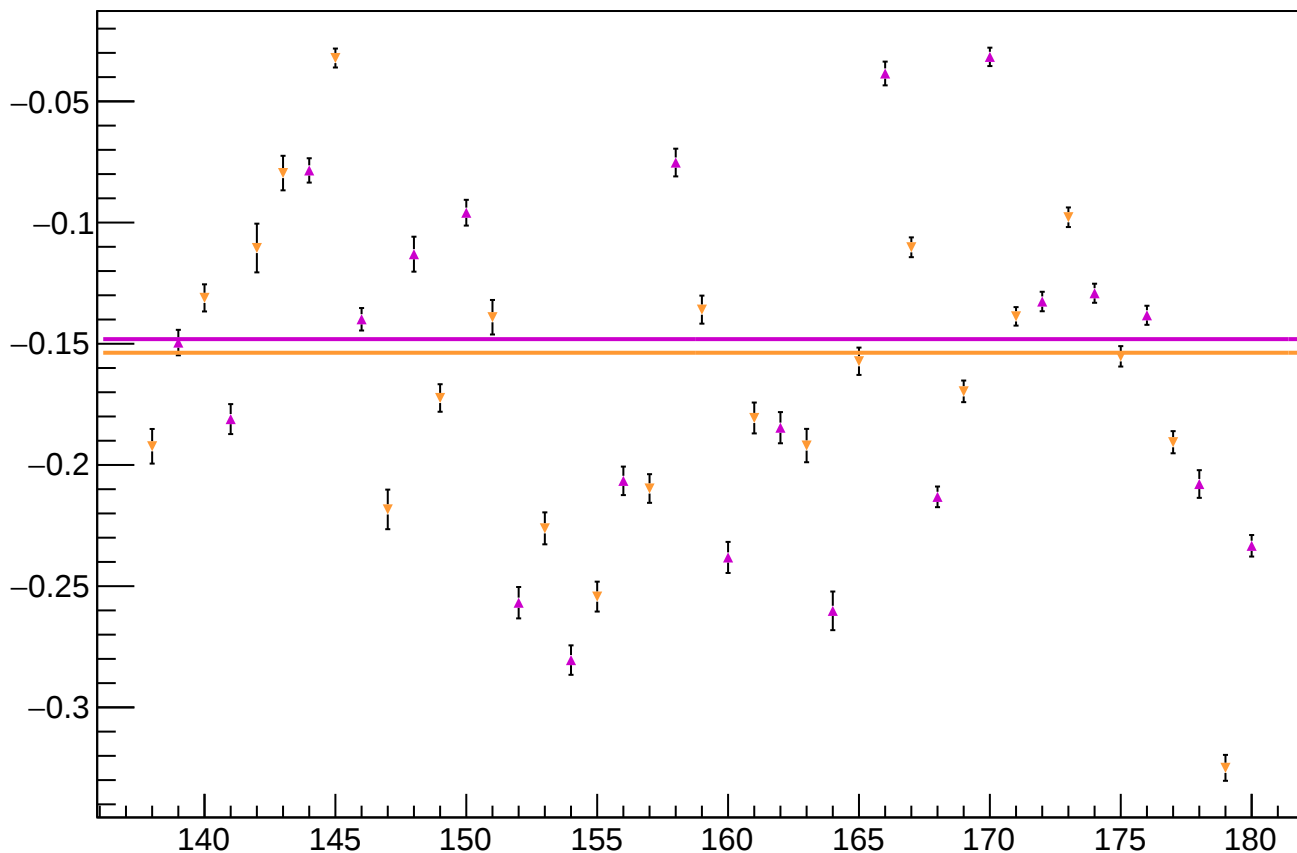
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 17.456 $\pm$ 0.025 χ^2 /NDF:42622.7/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.472 $\pm$ 0.024 χ^2 /NDF:38980.3/20

Left: 16.956 $\pm$ 0.017 χ^2 /NDF: 82403.1/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 16.472 $\pm$ 0.024 χ^2 /NDF:38980.3/20
 Out: 17.456 $\pm$ 0.025 χ^2 /NDF:42622.7/21
 All: 16.956 $\pm$ 0.017 χ^2 /NDF: 82403.1/42

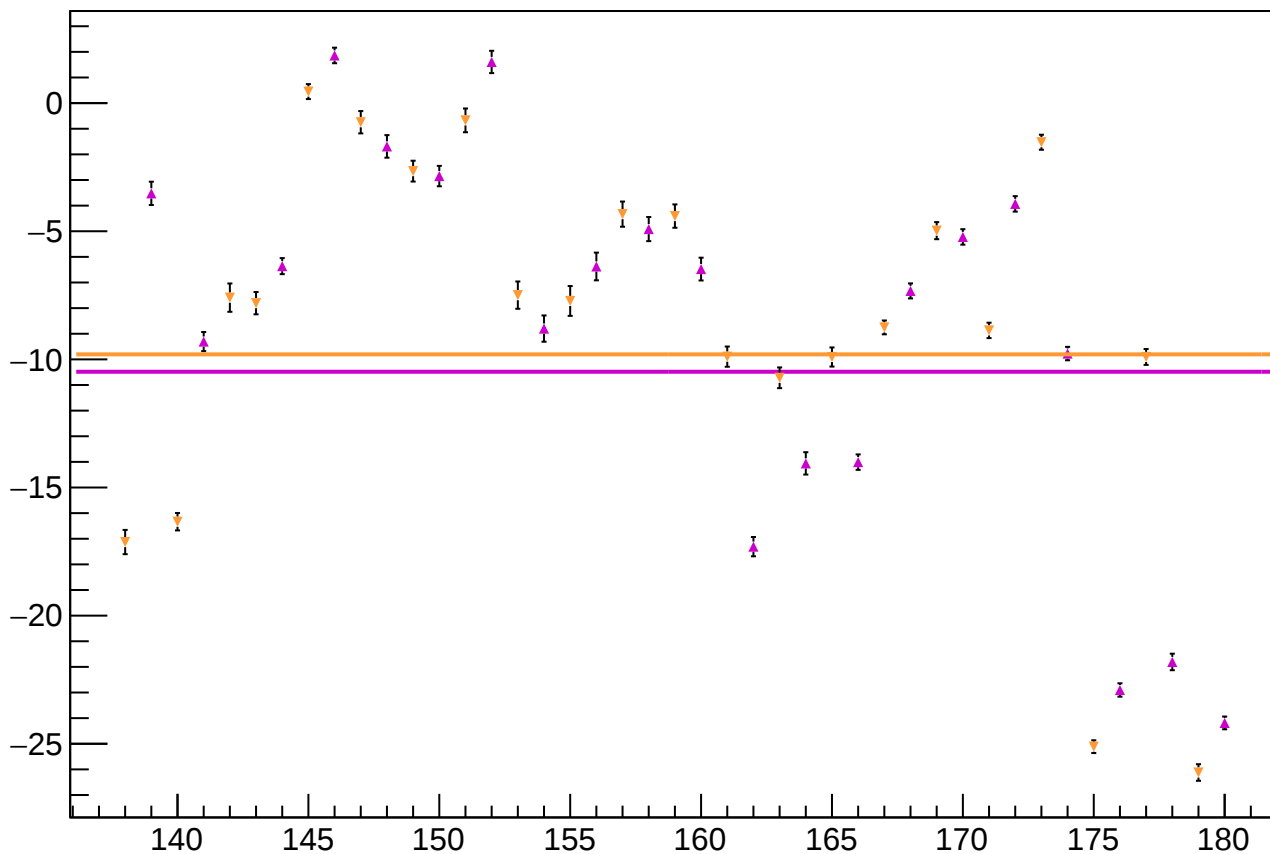
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.154+/-0.001 χ^2/NDF : 3177.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.148+/-0.001 χ^2/NDF : 3986.6/20

Left: -0.151+/-0.001 χ^2/NDF : 7176.9/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.148+/-0.001 χ^2/NDF : 3986.6/20
 Out: -0.154+/-0.001 χ^2/NDF : 3177.8/21
 All: -0.151+/-0.001 χ^2/NDF : 7176.9/42

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: -9.804 $\pm$ 0.078 χ^2 /NDF:10655.0/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.483 $\pm$ 0.075 χ^2 /NDF:11856.8/20

Left: -10.156 $\pm$ 0.054 χ^2 /NDF: 22551.4/42

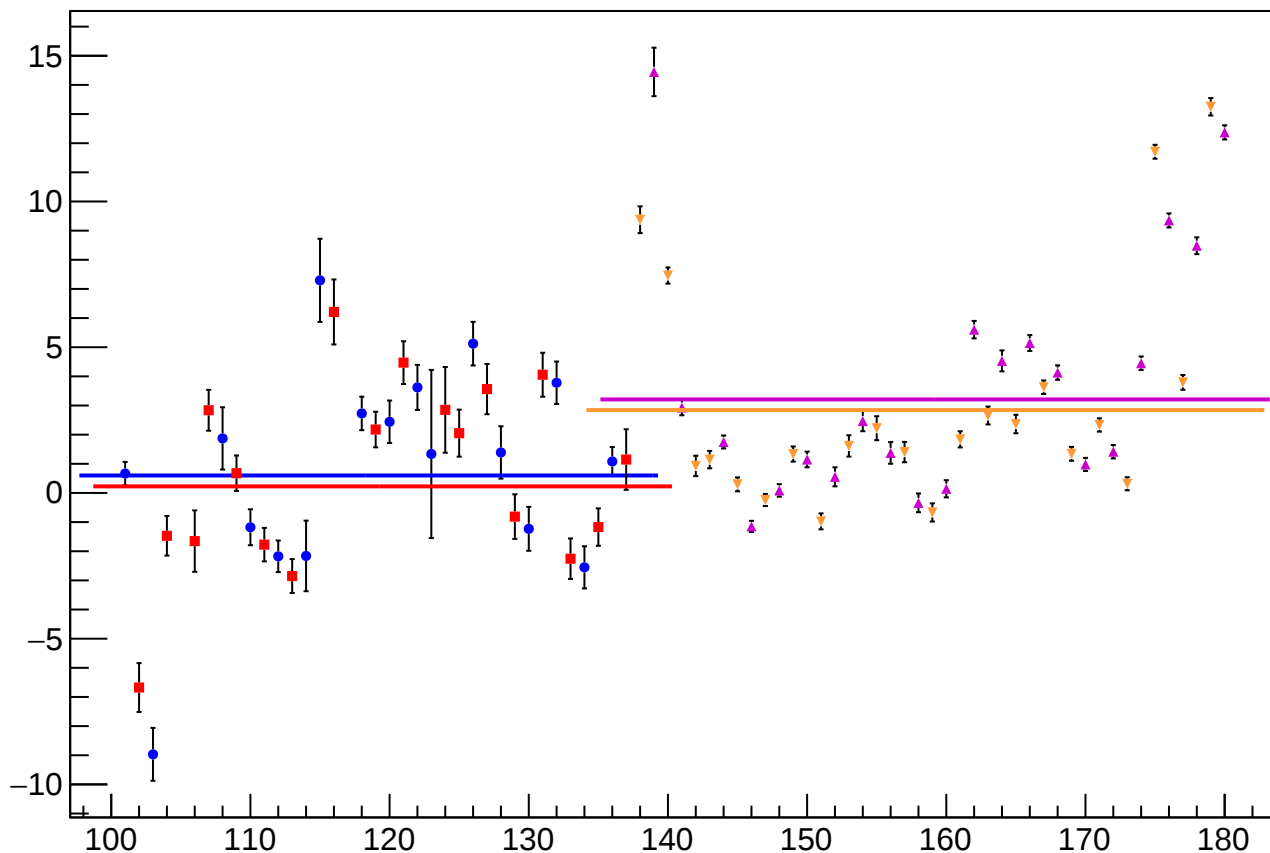
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -10.483 $\pm$ 0.075 χ^2 /NDF:11856.8/20

Out: -9.804 $\pm$ 0.078 χ^2 /NDF:10655.0/21

All: -10.156 $\pm$ 0.054 χ^2 /NDF: 22551.4/42

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 2.844 ± 0.059 χ^2/NDF : 4060.5/21

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 3.208 ± 0.058 χ^2/NDF : 4062.9/20

Left: 3.028 ± 0.041 χ^2/NDF : 8142.9/42

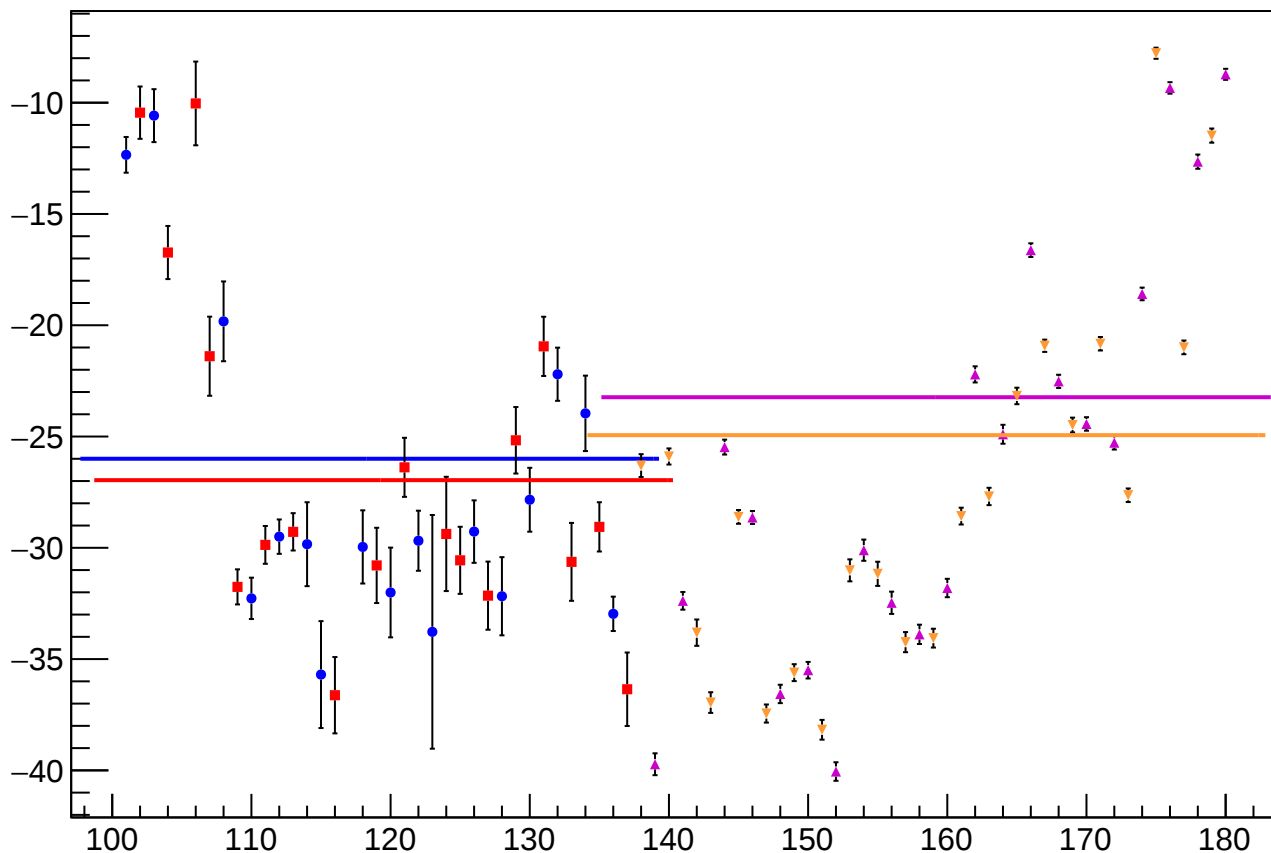
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 2.933 ± 0.055 χ^2/NDF : 4567.3/37

Out: 2.579 ± 0.056 χ^2/NDF : 4535.6/39

All: 2.758 ± 0.039 χ^2/NDF : 9123.4/77

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: -24.938 ± 0.078 χ^2/NDF : 12157.6/21

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -23.234 ± 0.075 χ^2/NDF : 15614.2/20

Left: -24.054 ± 0.054 χ^2/NDF : 28022.6/42

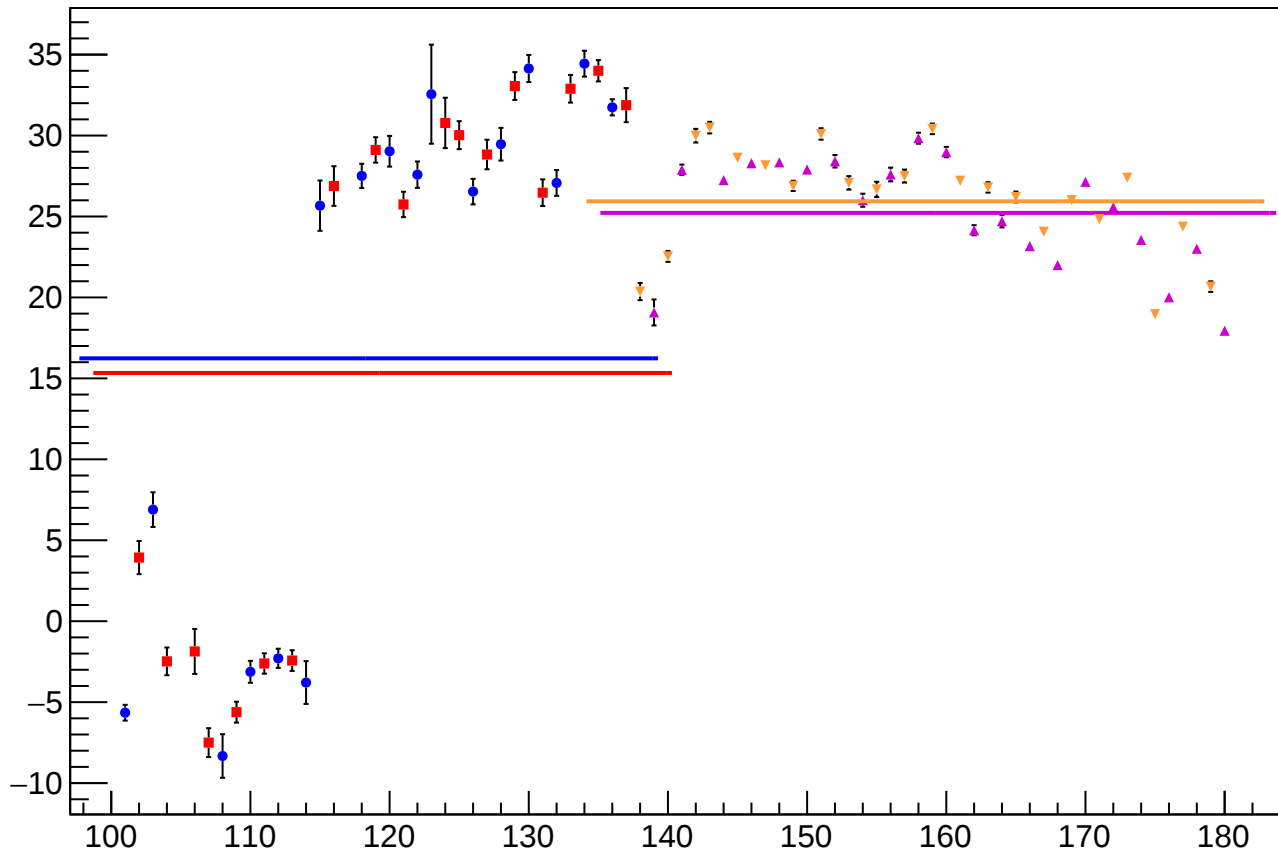
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -23.395 ± 0.072 χ^2/NDF : 16386.7/37

Out: -25.066 ± 0.075 χ^2/NDF : 12736.0/39

All: -24.202 ± 0.052 χ^2/NDF : 29379.5/77

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.938 $\pm$ 0.067 χ^2 /NDF:2180.3/21

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.223 $\pm$ 0.066 χ^2 /NDF:2500.9/20

Left: 25.575 $\pm$ 0.047 χ^2 /NDF: 4739.7/42

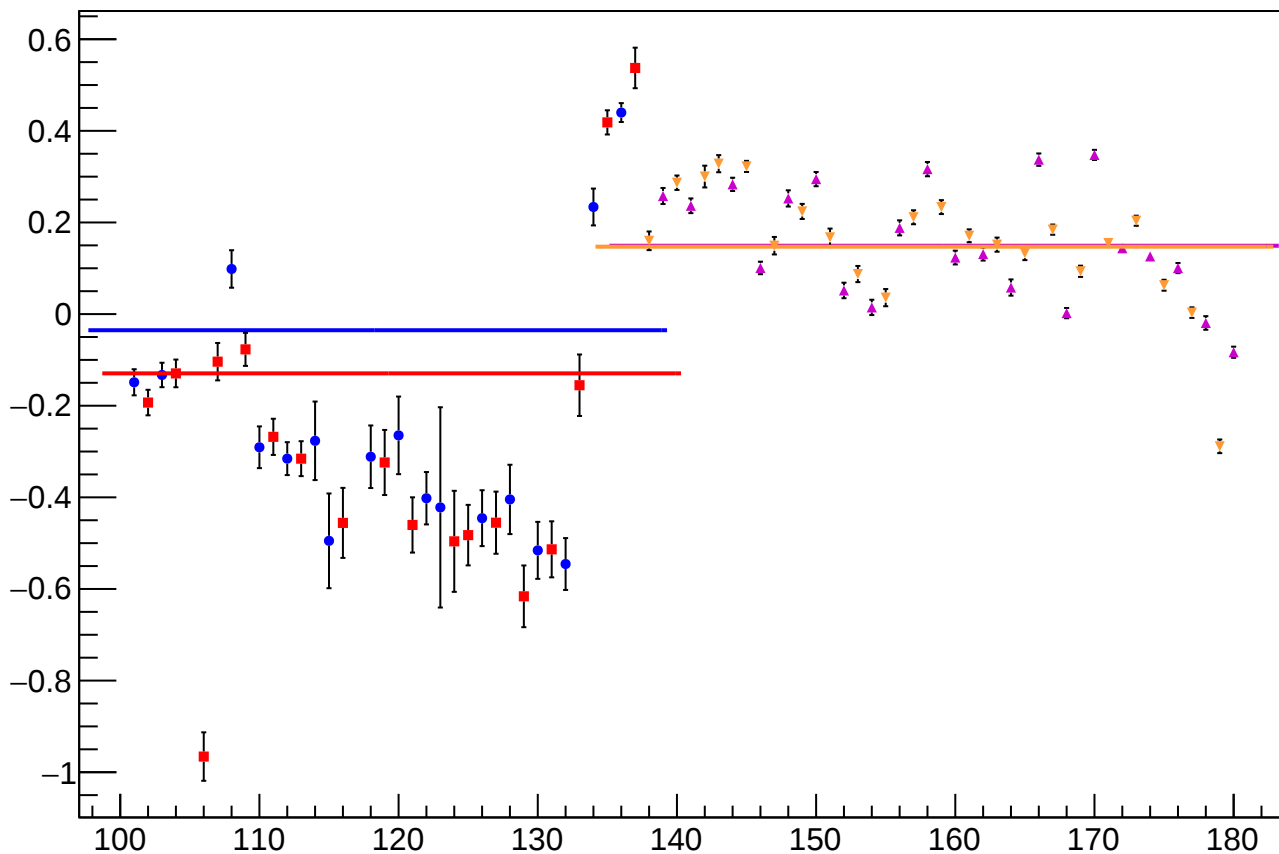
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.275 $\pm$ 0.062 χ^2 /NDF:12052.8/37

Out: 24.853 $\pm$ 0.063 χ^2 /NDF:12036.2/39

All: 24.560 $\pm$ 0.044 χ^2 /NDF: 24131.4/77

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035+/-0.010 χ^2/NDF : 1013.6/16

Left Out: 0.147+/-0.003 χ^2/NDF :1659.6/21

Right Out: -0.129+/-0.010 χ^2/NDF : 1161.5/17

Left In: 0.149+/-0.003 χ^2/NDF :1740.4/20

Left: 0.148+/-0.002 χ^2/NDF : 3400.2/42

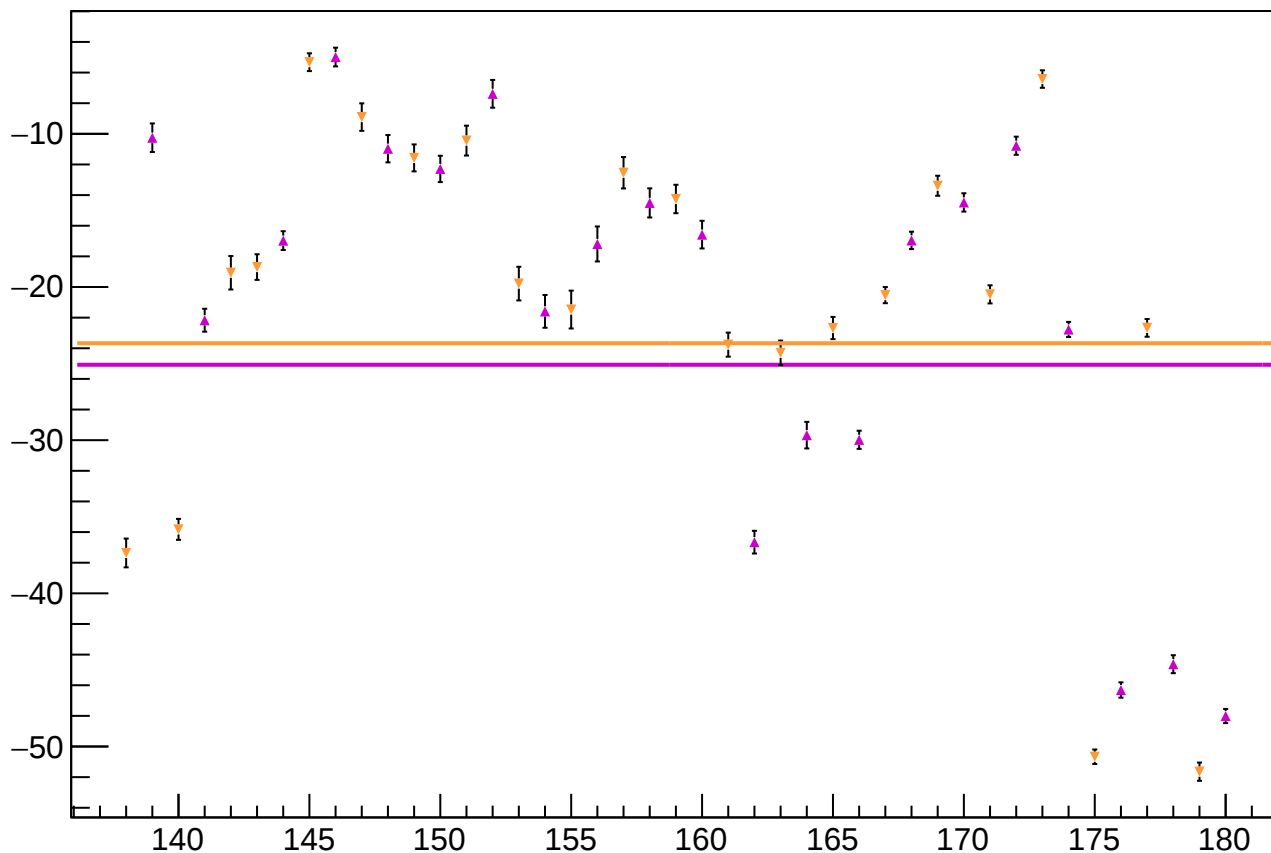
Right: -0.082+/-0.007 χ^2/NDF : 2216.5/34

In: 0.135+/-0.003 χ^2/NDF :3048.2/37

Out: 0.125+/-0.003 χ^2/NDF :3472.7/39

All: 0.130+/-0.002 χ^2/NDF : 6526.6/77

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



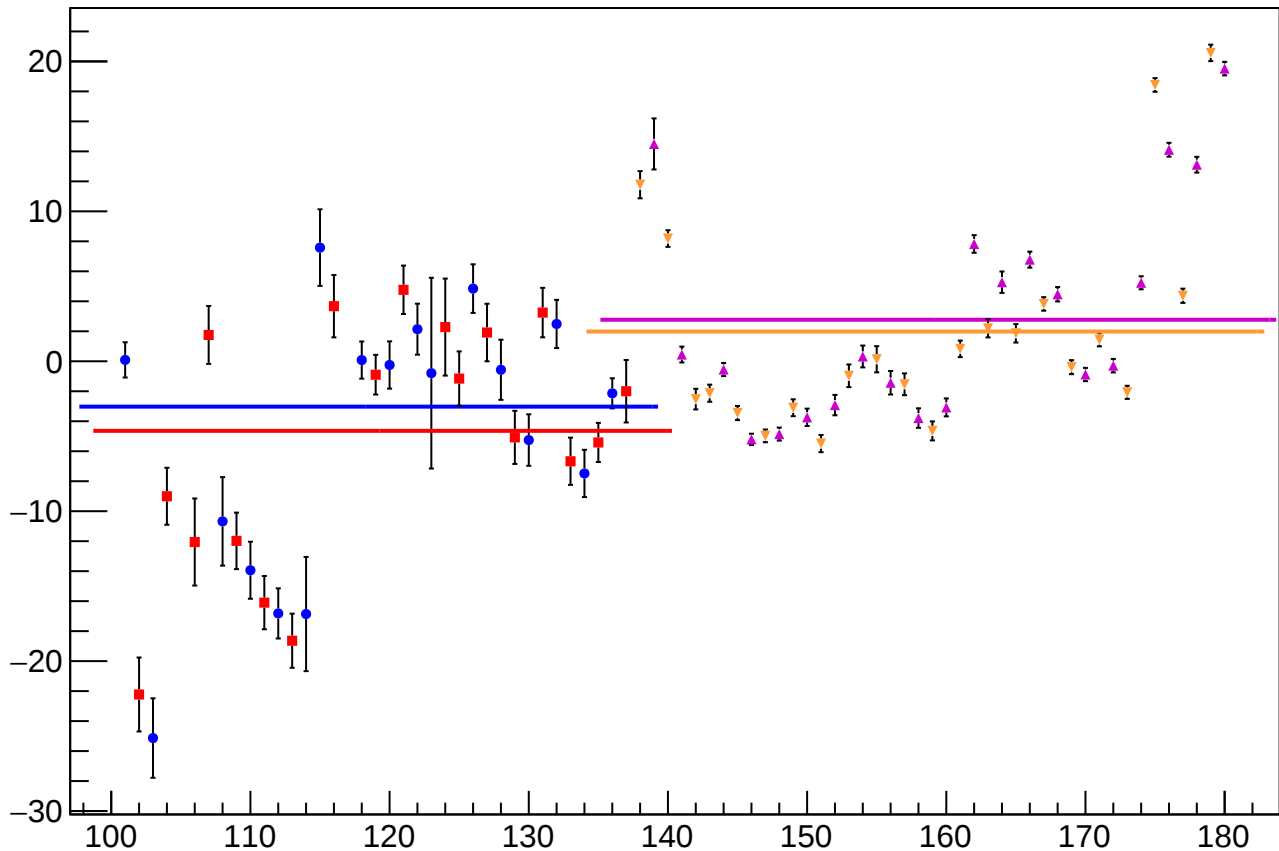
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.671+/-0.153 χ^2/NDF : 9130.8/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.077+/-0.147 χ^2/NDF : 9489.9/20

Left: -24.403+/-0.106 χ^2/NDF : 18664.7/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.077+/-0.147 χ^2/NDF : 9489.9/20
 Out: -23.671+/-0.153 χ^2/NDF : 9130.8/21

All: -24.403+/-0.106 χ^2/NDF : 18664.7/42

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: 1.985 ± 0.116 χ^2/NDF : 3748.4/21

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 2.771 ± 0.114 χ^2/NDF : 3975.7/20

Left: 2.383 ± 0.082 χ^2/NDF : 7747.3/42

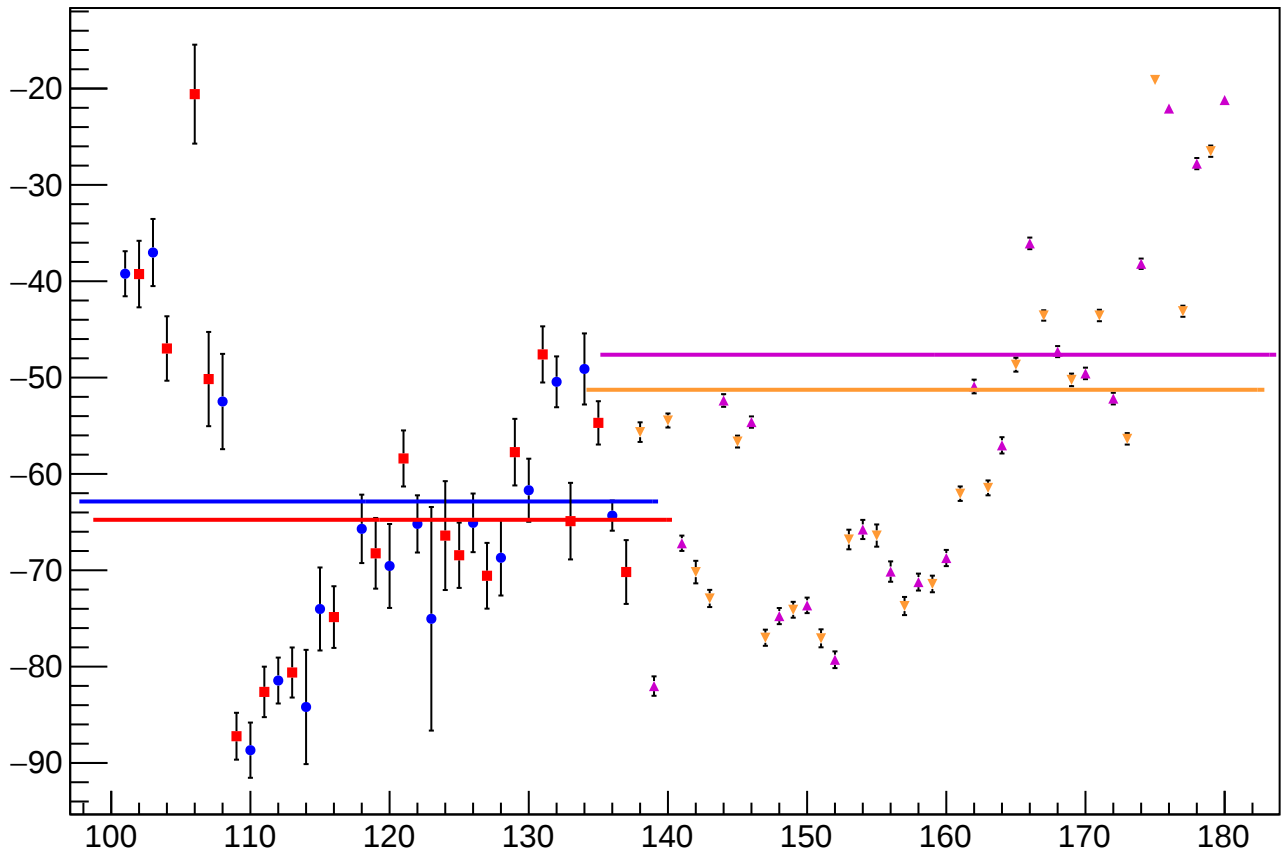
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 2.348 ± 0.110 χ^2/NDF : 4443.3/37

Out: 1.527 ± 0.112 χ^2/NDF : 4267.8/39

All: 1.944 ± 0.079 χ^2/NDF : 8738.4/77

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -51.265 ± 0.153 $\chi^2/\text{NDF}: 12361.0/21$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -47.628 ± 0.147 $\chi^2/\text{NDF}: 15544.6/20$

Left: -49.370 ± 0.106 $\chi^2/\text{NDF}: 28200.8/42$

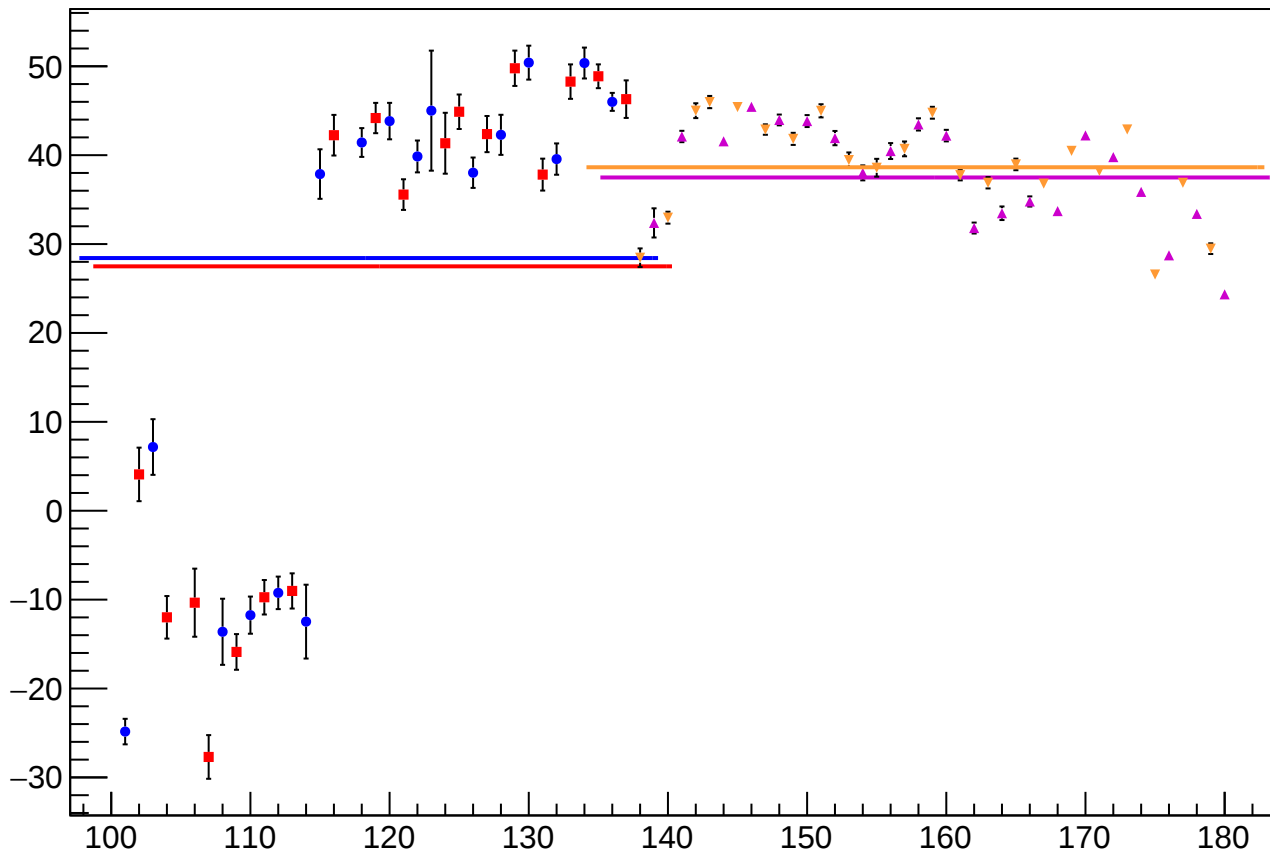
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -48.204 ± 0.144 $\chi^2/\text{NDF}: 16321.1/37$

Out: -51.799 ± 0.150 $\chi^2/\text{NDF}: 13085.7/39$

All: -49.928 ± 0.104 $\chi^2/\text{NDF}: 29706.7/77$

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: 38.640 $\pm$ 0.132 χ^2 /NDF:1729.1/21

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 37.491 $\pm$ 0.129 χ^2 /NDF:2199.3/20

Left: 38.055 $\pm$ 0.092 χ^2 /NDF: 3967.2/42

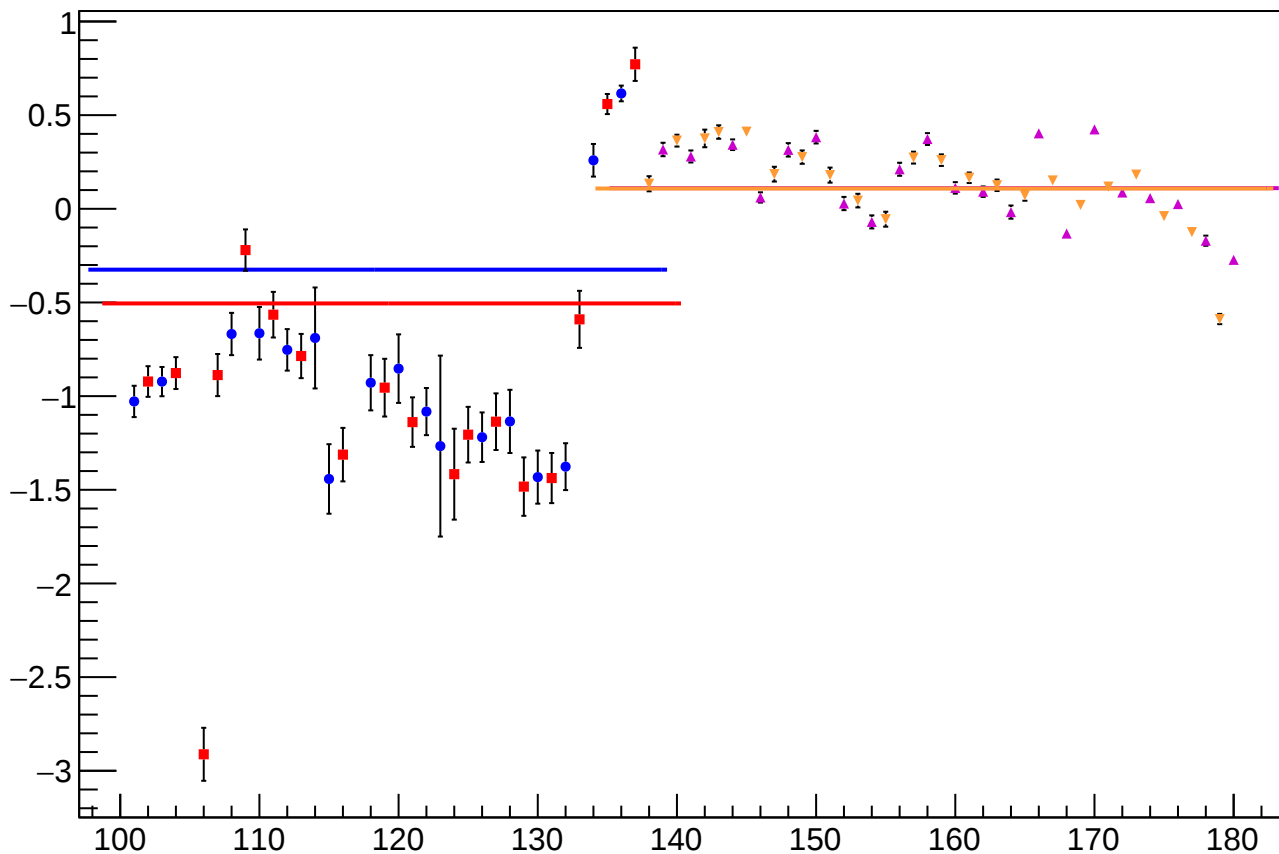
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.822 $\pm$ 0.124 χ^2 /NDF:5884.9/37

Out: 37.857 $\pm$ 0.127 χ^2 /NDF:5260.9/39

All: 37.329 $\pm$ 0.089 χ^2 /NDF: 11179.8/77

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: 0.108 ± 0.006 χ^2/NDF : 1263.5/21

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.110 ± 0.006 χ^2/NDF : 1221.2/20

Left: 0.109 ± 0.004 χ^2/NDF : 2484.7/42

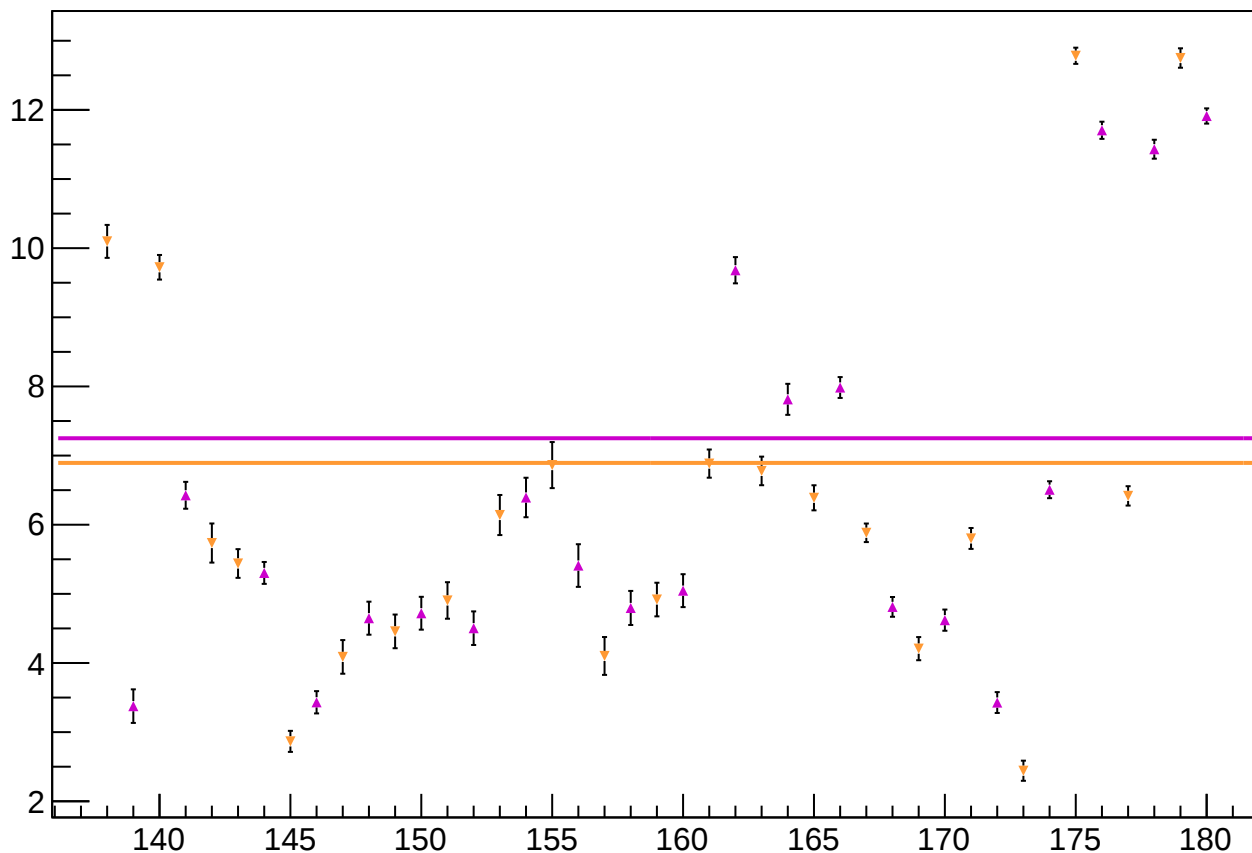
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.087 ± 0.006 χ^2/NDF : 2521.6/37

Out: 0.076 ± 0.006 χ^2/NDF : 2963.9/39

All: 0.082 ± 0.004 χ^2/NDF : 5487.2/77

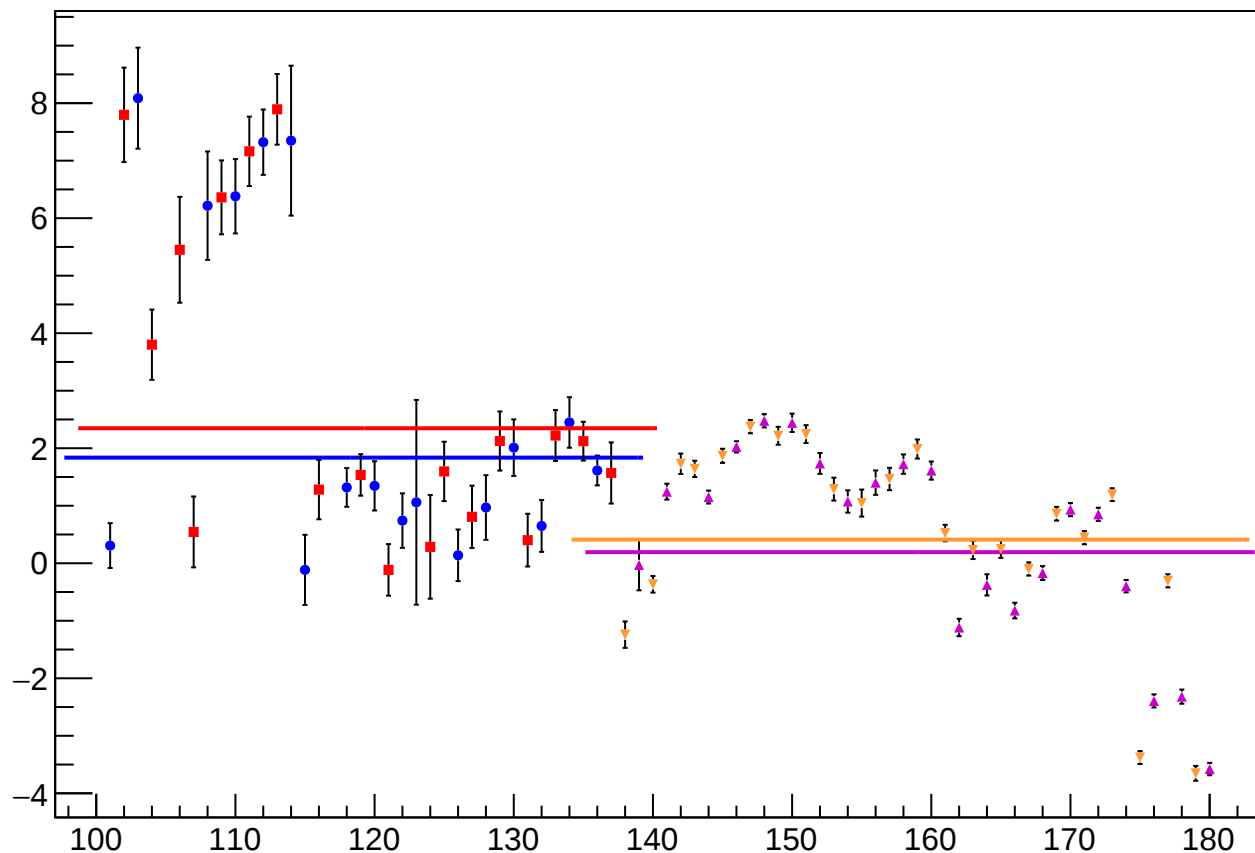
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.894+/-0.039 χ^2/NDF :7251.0/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.251+/-0.037 χ^2/NDF :7044.3/20

Left: 7.081+/-0.027 χ^2/NDF : 14339.4/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.251+/-0.037 χ^2/NDF :7044.3/20
 Out: 6.894+/-0.039 χ^2/NDF :7251.0/21
 All: 7.081+/-0.027 χ^2/NDF : 14339.4/42

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: 0.411 ± 0.030 $\chi^2/\text{NDF}: 3309.6/21$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 0.193 ± 0.029 $\chi^2/\text{NDF}: 3763.3/20$

Left: 0.300 ± 0.021 $\chi^2/\text{NDF}: 7100.3/42$

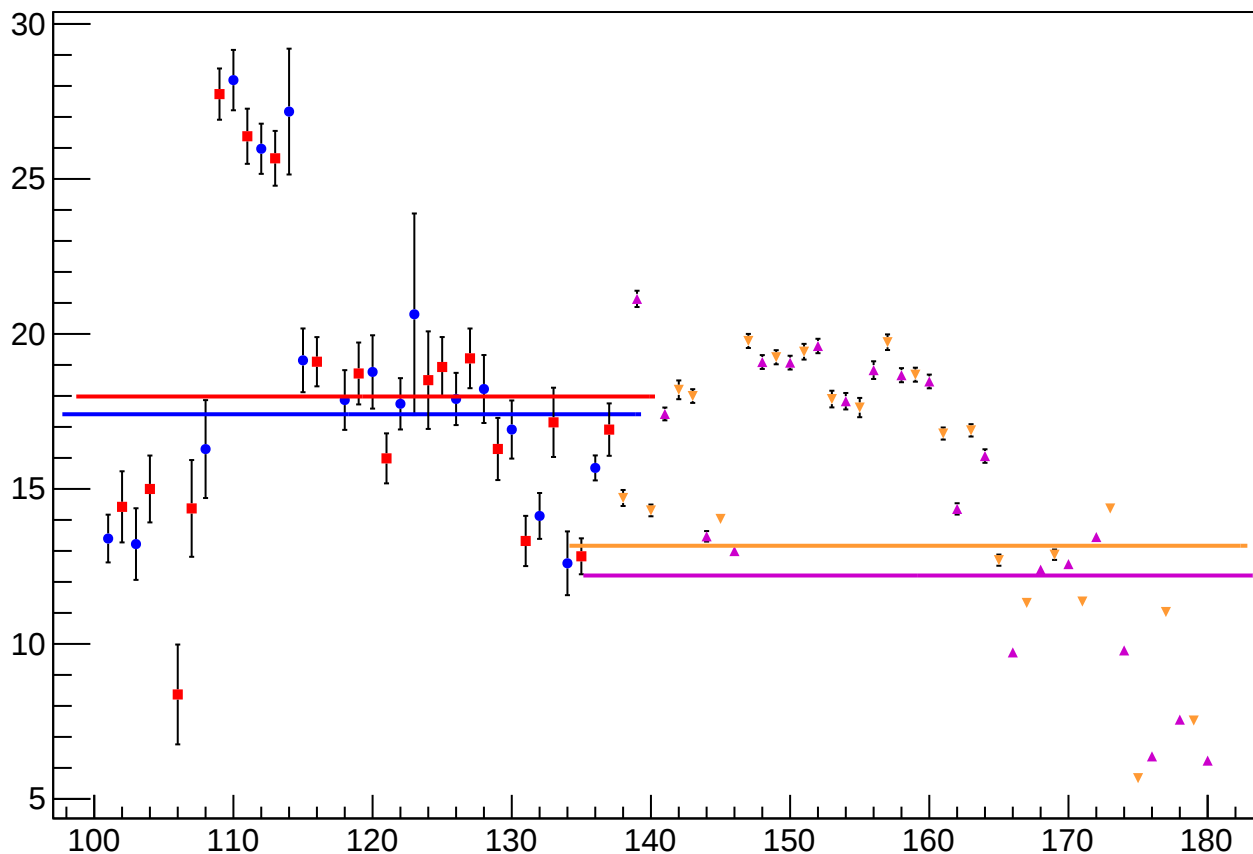
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.290 ± 0.028 $\chi^2/\text{NDF}: 4245.8/37$

Out: 0.519 ± 0.029 $\chi^2/\text{NDF}: 3875.0/39$

All: 0.402 ± 0.020 $\chi^2/\text{NDF}: 8152.7/77$

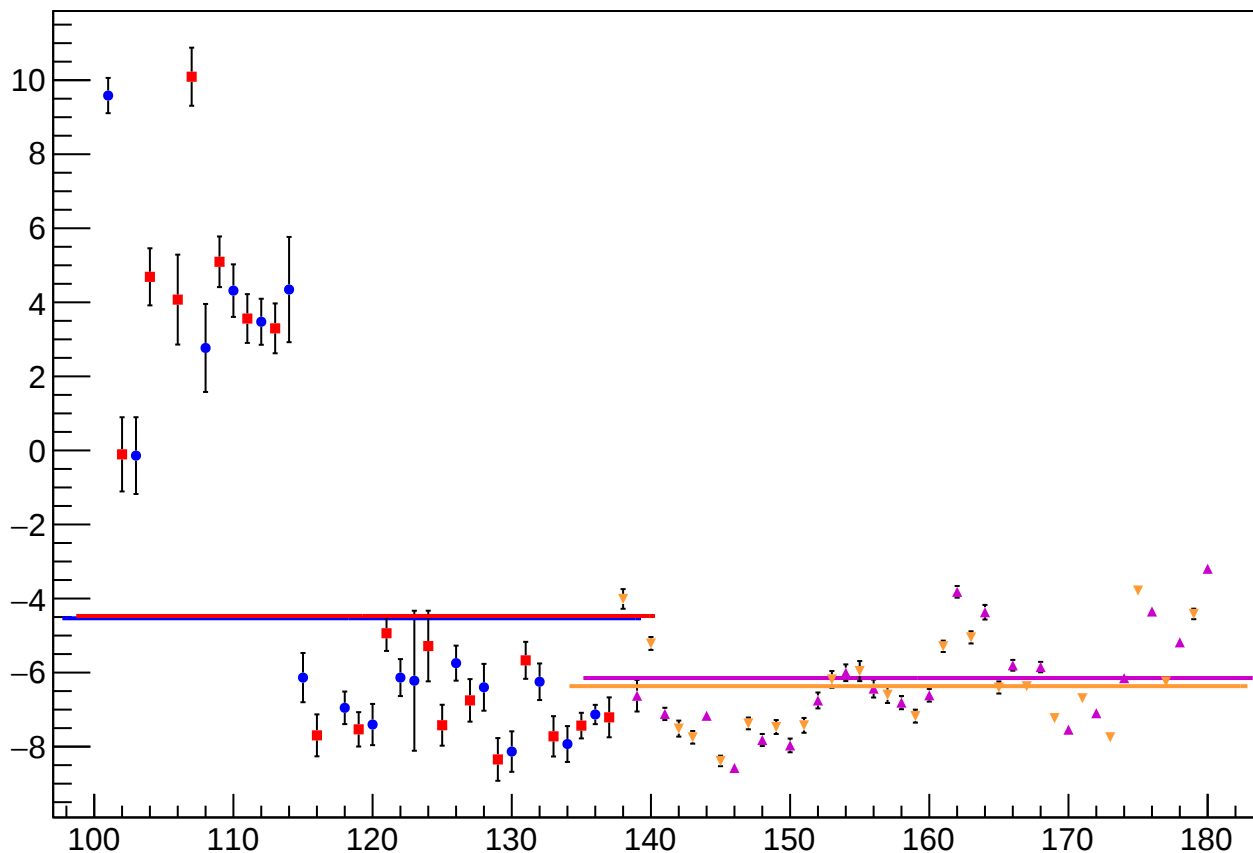
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 13.167 $\pm$ 0.039 χ^2 /NDF:11873.1/21
 Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17
 Left In: 12.207 $\pm$ 0.037 χ^2 /NDF:14886.1/20

Left: 12.664 $\pm$ 0.027 χ^2 /NDF: 27077.5/42
 Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34
 In: 12.362 $\pm$ 0.037 χ^2 /NDF:15835.6/37
 Out: 13.314 $\pm$ 0.038 χ^2 /NDF:12831.2/39
 All: 12.816 $\pm$ 0.026 χ^2 /NDF: 28989.7/77

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: -6.367 ± 0.034 χ^2/NDF : 1508.8/21

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.147 ± 0.033 χ^2/NDF : 2133.4/20

Left: -6.254 ± 0.024 χ^2/NDF : 3664.1/42

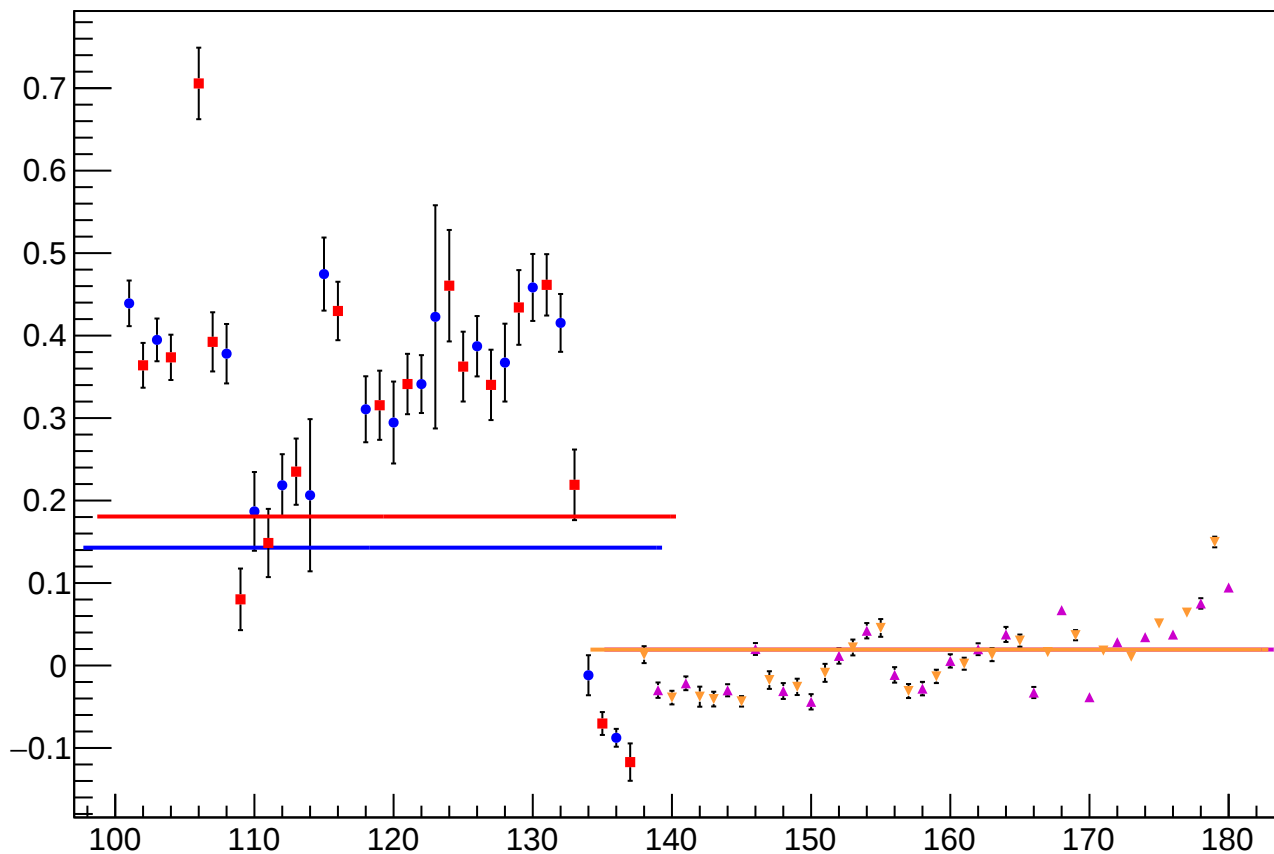
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.049 ± 0.032 χ^2/NDF : 3867.3/37

Out: -6.259 ± 0.033 χ^2/NDF : 3028.9/39

All: -6.151 ± 0.023 χ^2/NDF : 6917.3/77

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: 0.019 ± 0.002 $\chi^2/\text{NDF}: 842.8/21$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: 0.019 ± 0.002 $\chi^2/\text{NDF}: 765.7/20$

Left: 0.019 ± 0.001 $\chi^2/\text{NDF}: 1608.4/42$

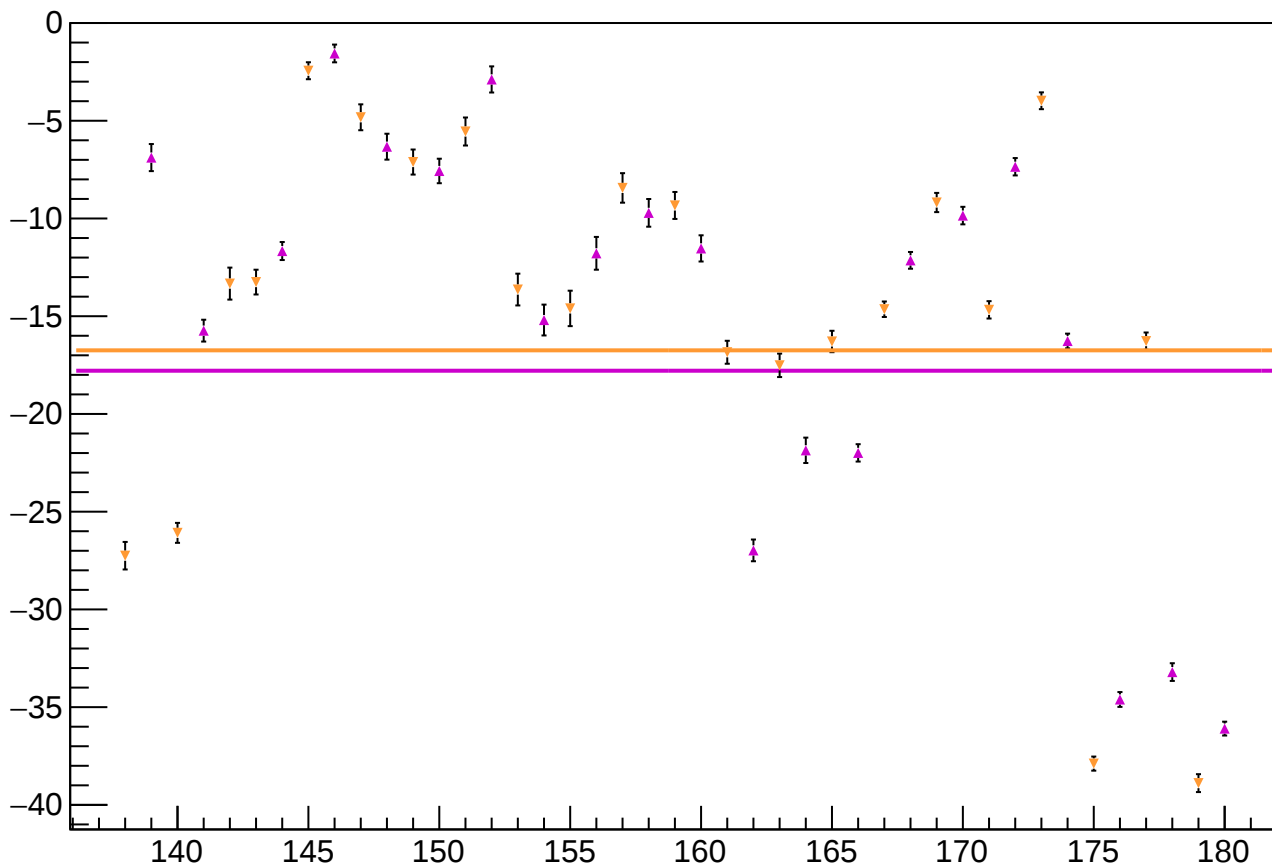
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.025 ± 0.001 $\chi^2/\text{NDF}: 2117.9/37$

Out: 0.026 ± 0.002 $\chi^2/\text{NDF}: 2301.6/39$

All: 0.025 ± 0.001 $\chi^2/\text{NDF}: 4419.9/77$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.746+/-0.115 χ^2/NDF :9690.1/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.789+/-0.110 χ^2/NDF :10306.6/20

Left: -17.288+/-0.080 χ^2/NDF : 20039.6/42

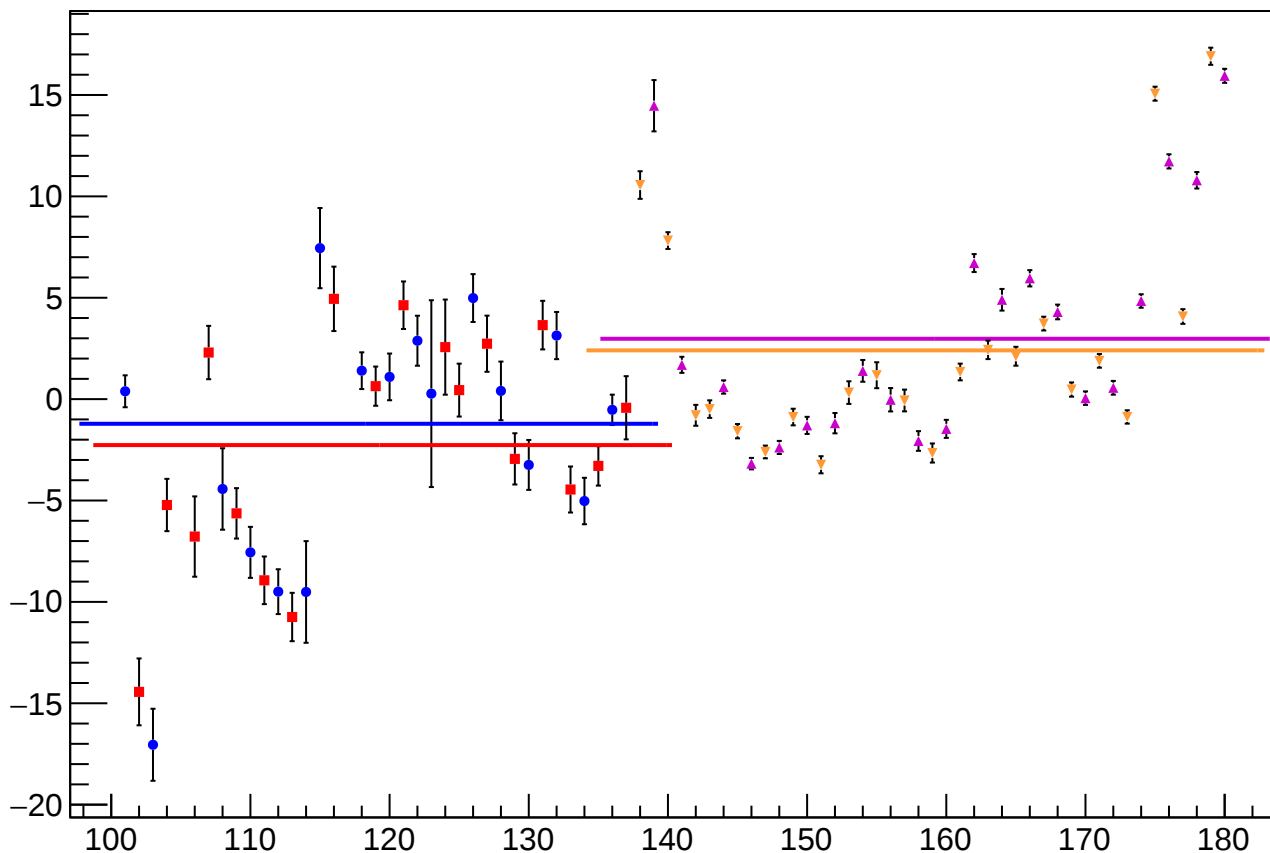
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.789+/-0.110 χ^2/NDF :10306.6/20

Out: -16.746+/-0.115 χ^2/NDF :9690.1/21

All: -17.288+/-0.080 χ^2/NDF : 20039.6/42

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 2.404 $\pm$ 0.087 χ^2 /NDF:3867.0/21

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 2.977 $\pm$ 0.086 χ^2 /NDF:4015.7/20

Left: 2.695 $\pm$ 0.061 χ^2 /NDF: 7904.7/42

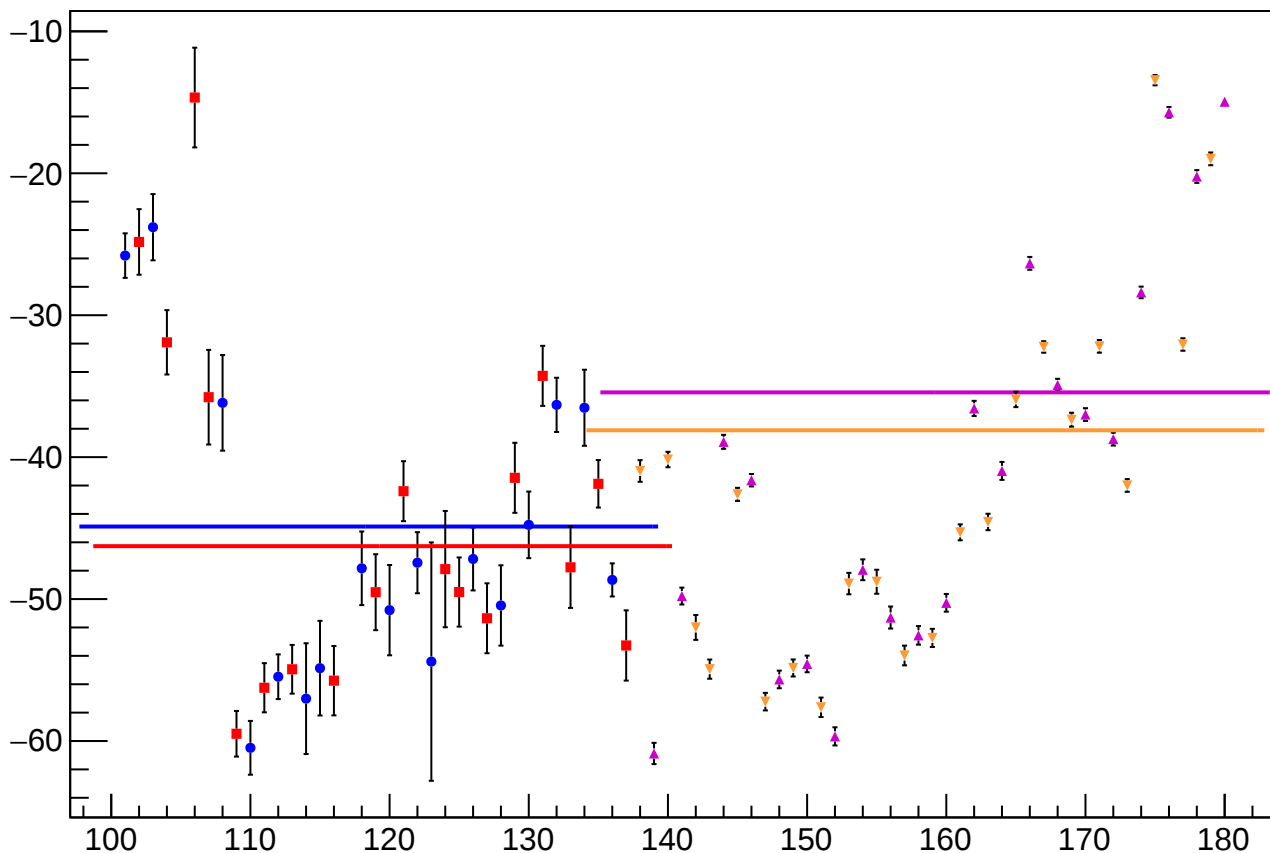
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 2.640 $\pm$ 0.082 χ^2 /NDF:4486.1/37

Out: 2.047 $\pm$ 0.084 χ^2 /NDF:4371.2/39

All: 2.348 $\pm$ 0.059 χ^2 /NDF: 8882.8/77

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: -38.109 ± 0.115 χ^2/NDF : 12369.0/21

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -35.437 ± 0.110 χ^2/NDF : 15632.5/20

Left: -36.719 ± 0.079 χ^2/NDF : 28283.5/42

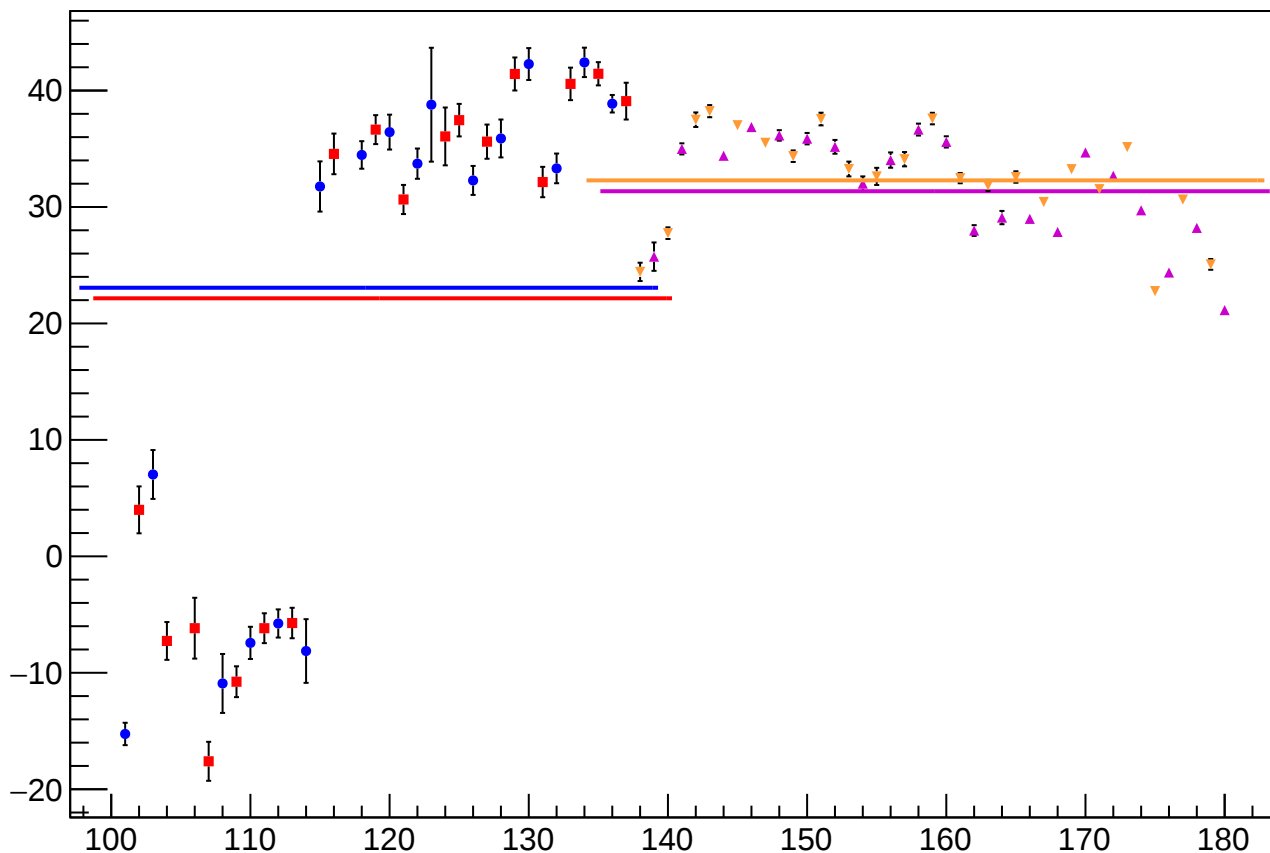
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -35.839 ± 0.108 χ^2/NDF : 16365.2/37

Out: -38.475 ± 0.112 χ^2/NDF : 13016.6/39

All: -37.105 ± 0.078 χ^2/NDF : 29668.9/77

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: 32.285 $\pm$ 0.099 χ^2 /NDF:1854.9/21

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 31.354 $\pm$ 0.097 χ^2 /NDF:2272.5/20

Left: 31.812 $\pm$ 0.069 χ^2 /NDF: 4172.6/42

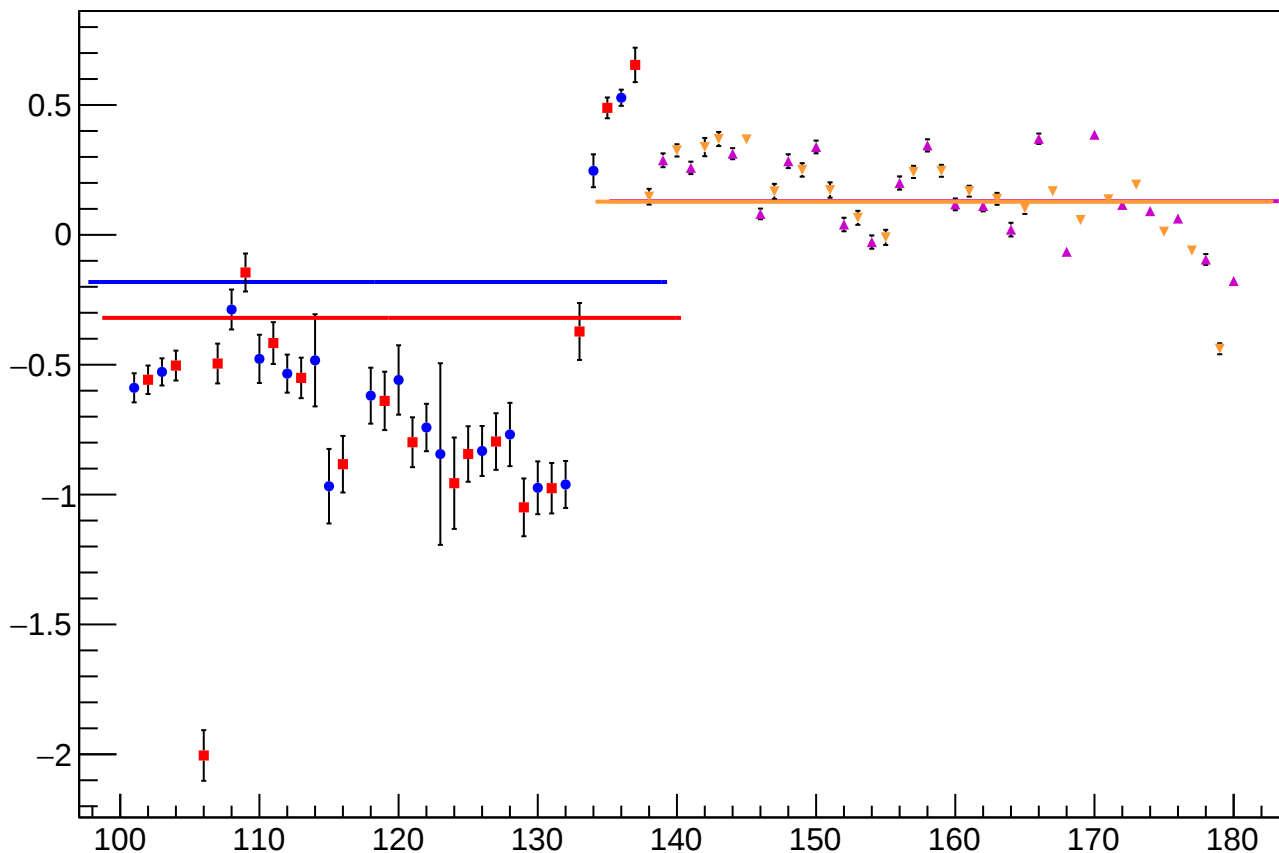
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.681 $\pm$ 0.093 χ^2 /NDF:7197.8/37

Out: 31.498 $\pm$ 0.095 χ^2 /NDF:6698.3/39

All: 31.082 $\pm$ 0.066 χ^2 /NDF: 13934.0/77

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: 0.128 ± 0.005 χ^2/NDF : 1401.8/21

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.130 ± 0.004 χ^2/NDF : 1391.2/20

Left: 0.129 ± 0.003 χ^2/NDF : 2793.1/42

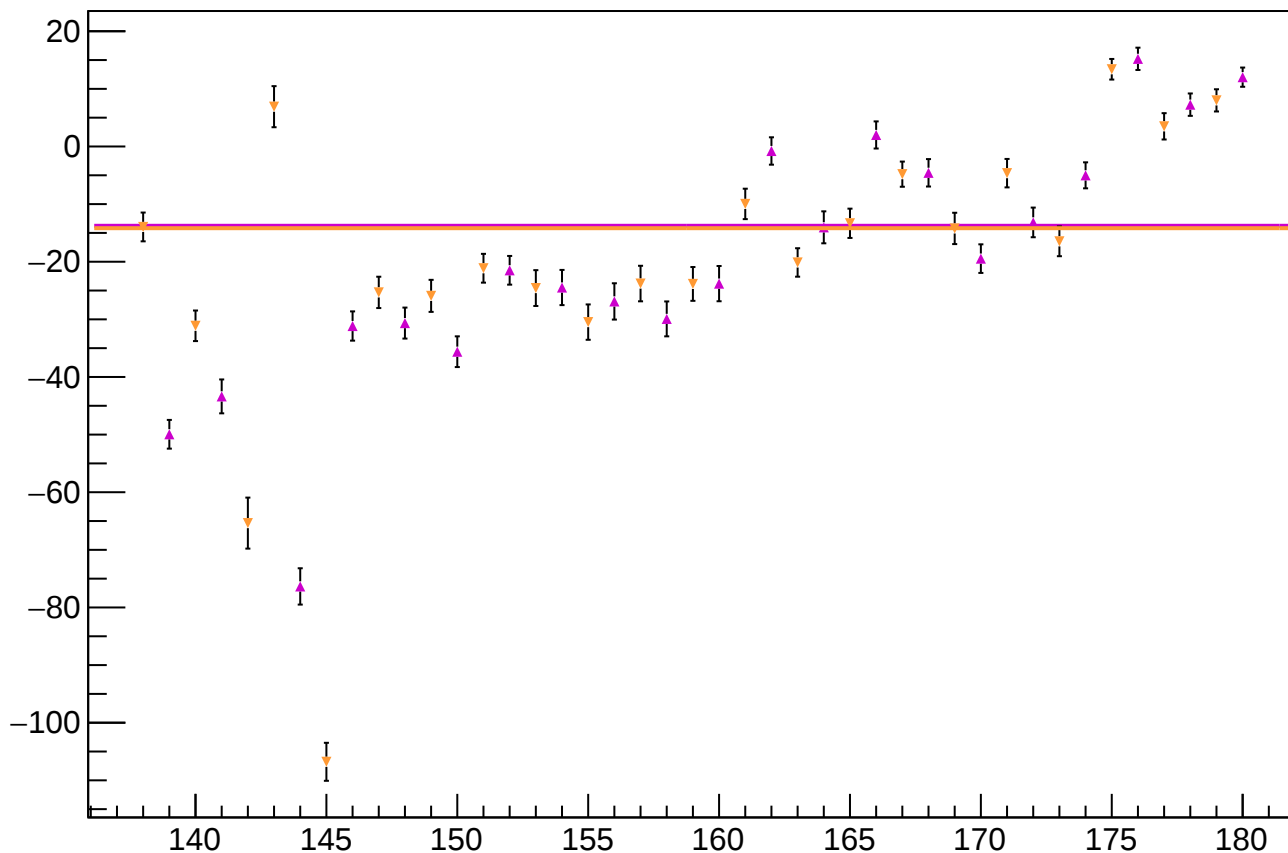
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.111 ± 0.004 χ^2/NDF : 2677.8/37

Out: 0.101 ± 0.004 χ^2/NDF : 3147.4/39

All: 0.107 ± 0.003 χ^2/NDF : 5827.7/77

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.180+/-0.553 χ^2/NDF :1573.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.765+/-0.537 χ^2/NDF :1628.6/20

Left: -13.967+/-0.385 χ^2/NDF : 3202.8/42

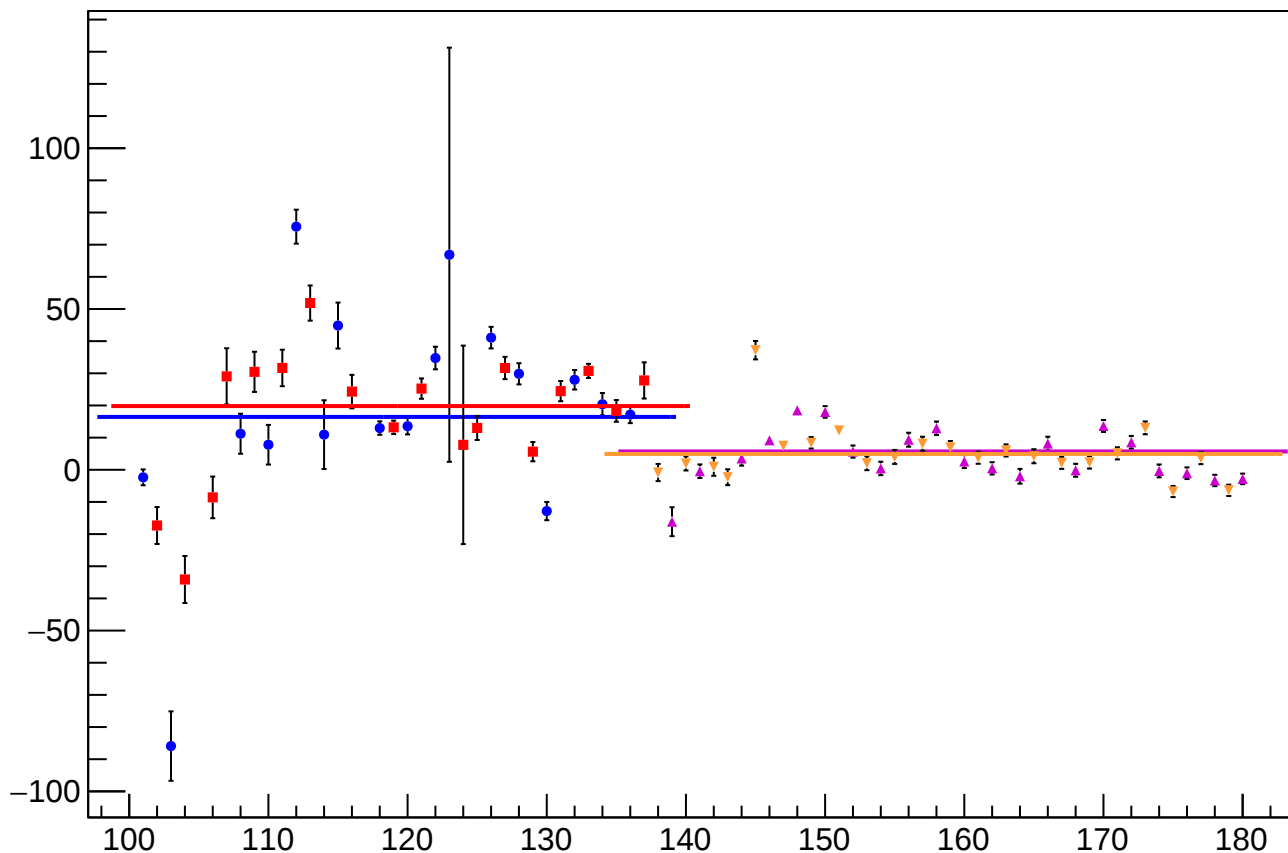
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.765+/-0.537 χ^2/NDF :1628.6/20

Out: -14.180+/-0.553 χ^2/NDF :1573.9/21

All: -13.967+/-0.385 χ^2/NDF : 3202.8/42

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: 4.921 ± 0.414 $\chi^2/\text{NDF}: 292.4/21$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 5.698 ± 0.418 $\chi^2/\text{NDF}: 329.1/20$

Left: 5.306 ± 0.294 $\chi^2/\text{NDF}: 623.2/42$

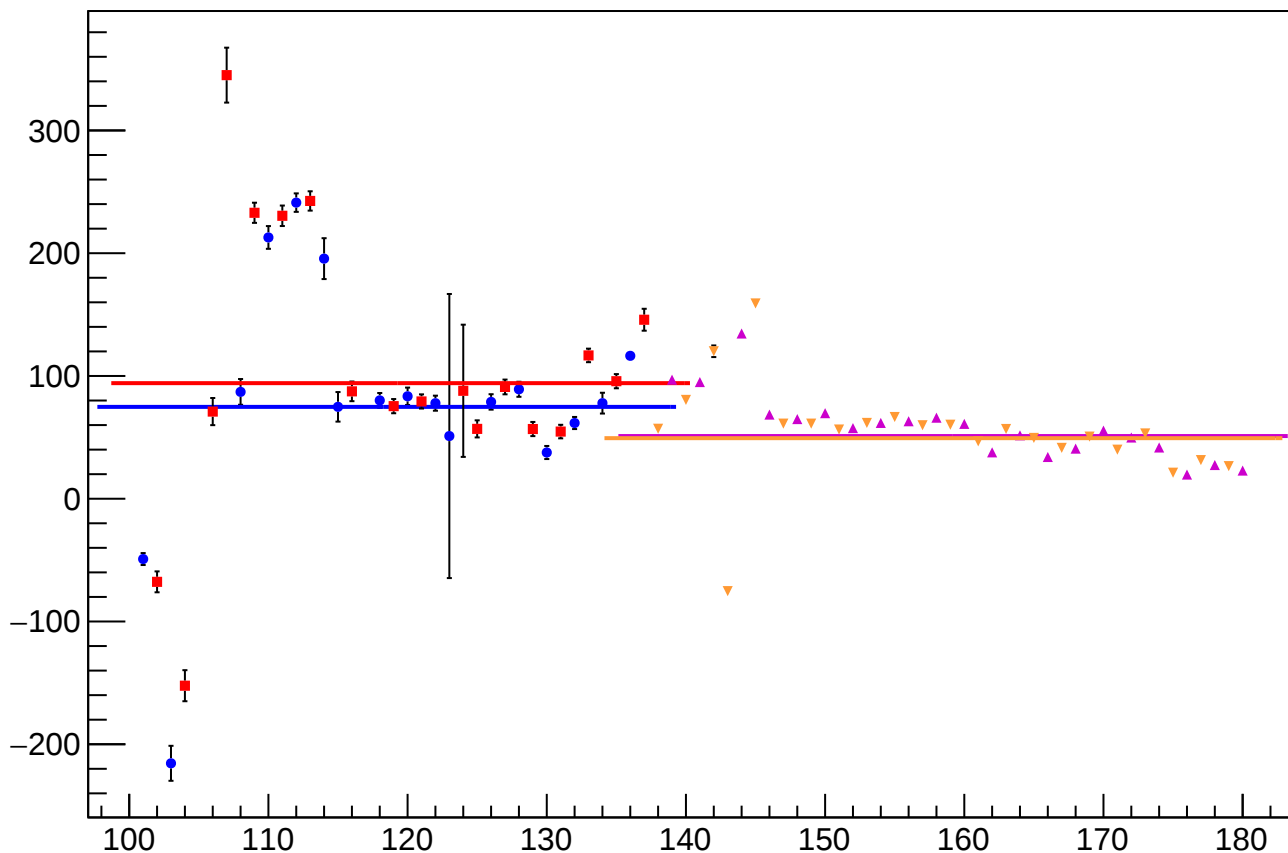
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 7.795 ± 0.375 $\chi^2/\text{NDF}: 974.9/37$

Out: 7.523 ± 0.376 $\chi^2/\text{NDF}: 757.2/39$

All: 7.659 ± 0.265 $\chi^2/\text{NDF}: 1732.4/77$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2 /NDF: 1996.8/16

Left Out: 49.335+/-0.546 χ^2 /NDF:3084.8/21

Right Out: 94.153+/-1.720 χ^2 /NDF: 1969.2/17

Left In: 51.060+/-0.532 χ^2 /NDF:2144.5/20

Left: 50.221+/-0.381 χ^2 /NDF: 5234.4/42

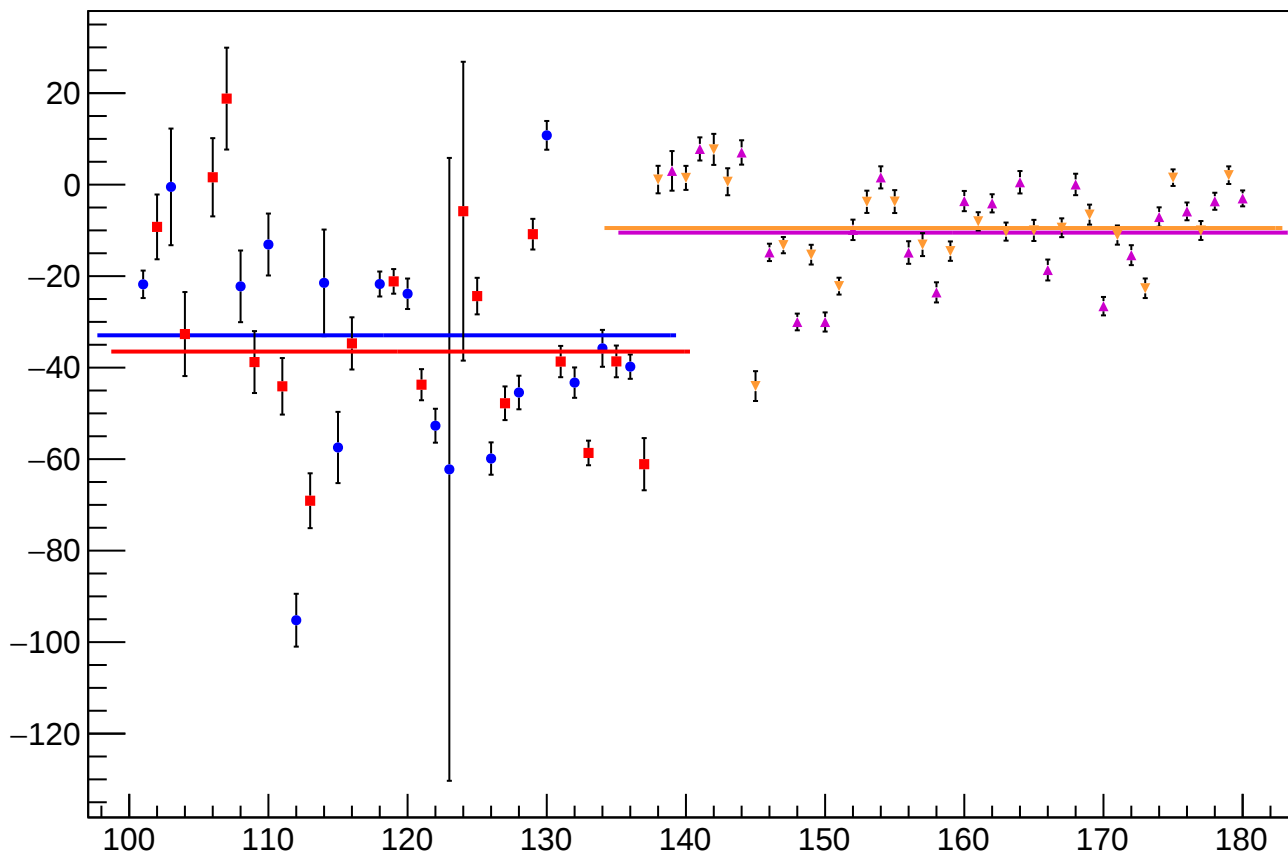
Right: 84.020+/-1.186 χ^2 /NDF: 4032.2/34

In: 53.324+/-0.506 χ^2 /NDF:4331.6/37

Out: 53.443+/-0.521 χ^2 /NDF:5670.7/39

All: 53.382+/-0.363 χ^2 /NDF: 10002.3/77

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.483 ± 0.472 χ^2/NDF : 371.1/21

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -10.491 ± 0.473 χ^2/NDF : 557.7/20

Left: -9.986 ± 0.334 χ^2/NDF : 931.1/42

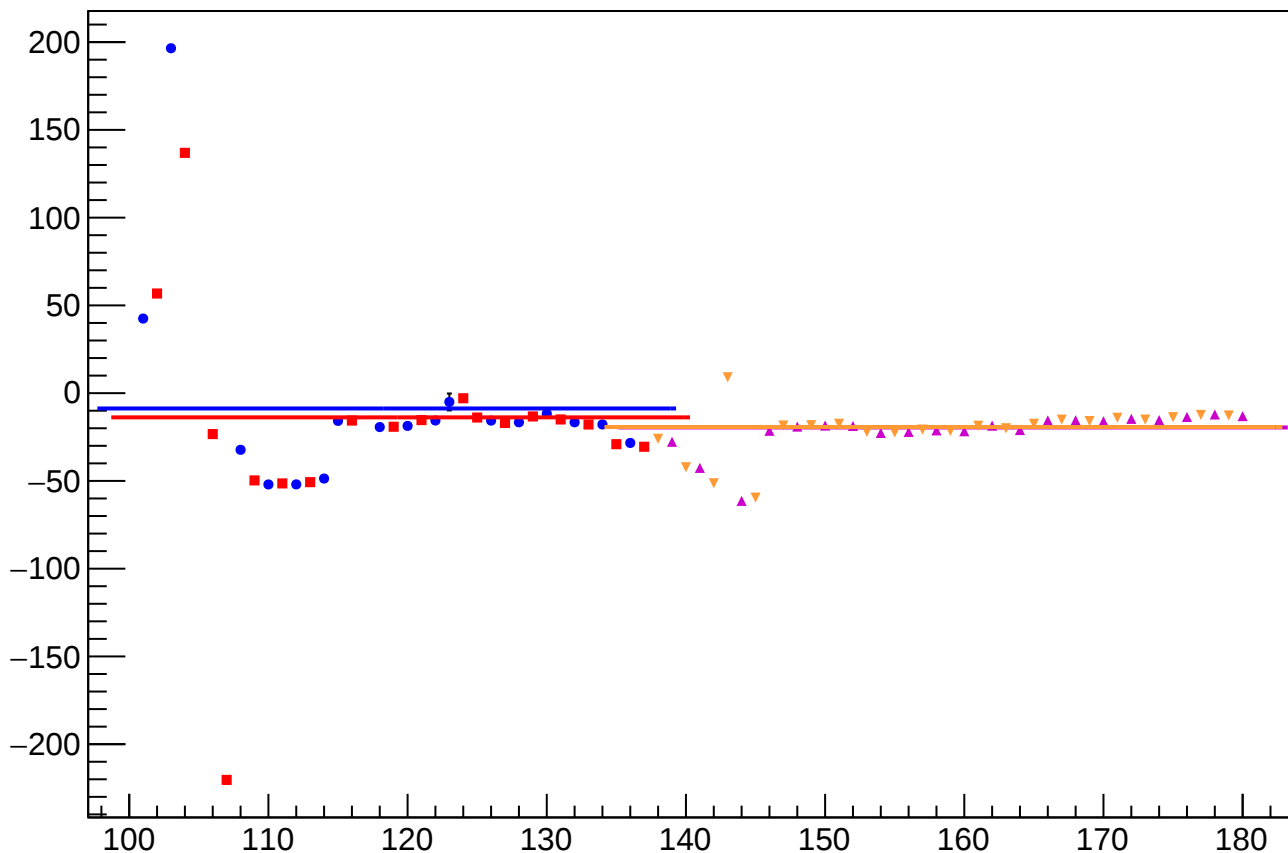
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -14.785 ± 0.426 χ^2/NDF : 1478.5/37

Out: -14.202 ± 0.429 χ^2/NDF : 1235.3/39

All: -14.496 ± 0.302 χ^2/NDF : 2714.7/77

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: -19.288 ± 0.022 $\chi^2/\text{NDF}: 218447.1/21$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -19.551 ± 0.021 $\chi^2/\text{NDF}: 152204.3/20$

Left: -19.422 ± 0.015 $\chi^2/\text{NDF}: 370725.4/42$

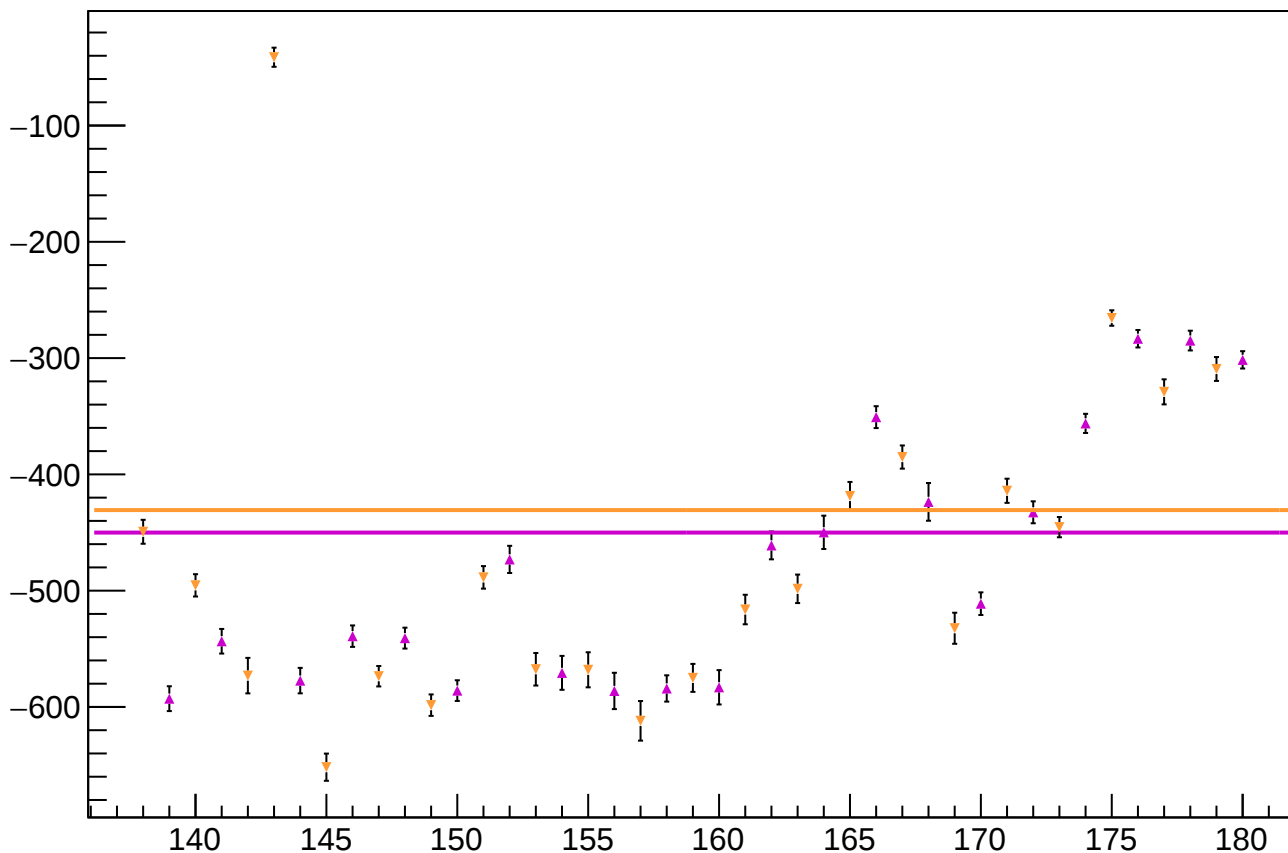
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -18.281 ± 0.020 $\chi^2/\text{NDF}: 757909.6/37$

Out: -18.684 ± 0.021 $\chi^2/\text{NDF}: 774799.5/39$

All: -18.479 ± 0.014 $\chi^2/\text{NDF}: 1532904.6/77$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -430.696 ± 2.234 $\chi^2/\text{NDF}: 4807.4/21$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -450.039 ± 2.212 $\chi^2/\text{NDF}: 2744.9/20$

Left: -440.463 ± 1.572 $\chi^2/\text{NDF}: 7590.2/42$

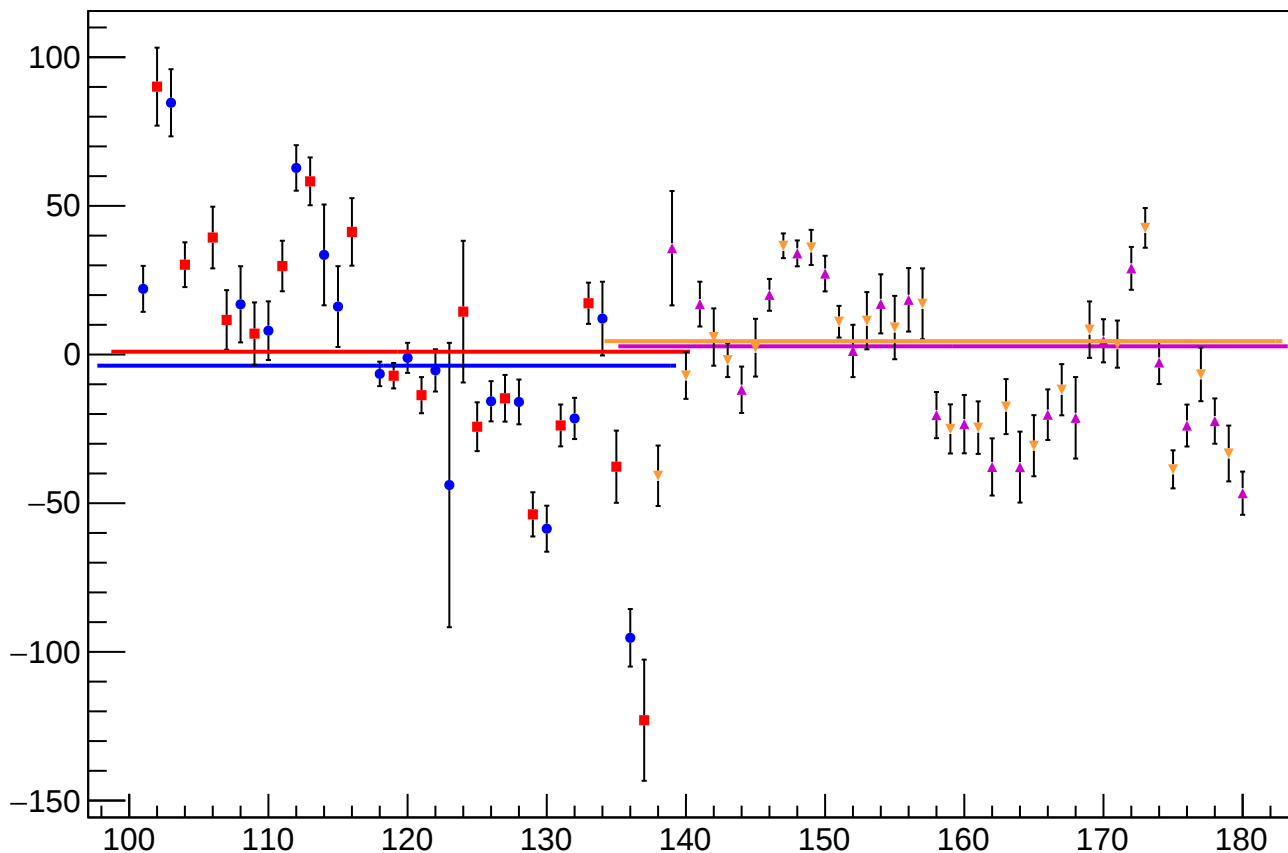
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -450.039 ± 2.212 $\chi^2/\text{NDF}: 2744.9/20$

Out: -430.696 ± 2.234 $\chi^2/\text{NDF}: 4807.4/21$

All: -440.463 ± 1.572 $\chi^2/\text{NDF}: 7590.2/42$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 4.507 ± 1.610 χ^2/NDF : 254.9/21

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 2.768 ± 1.664 χ^2/NDF : 233.9/20

Left: 3.666 ± 1.157 χ^2/NDF : 489.3/42

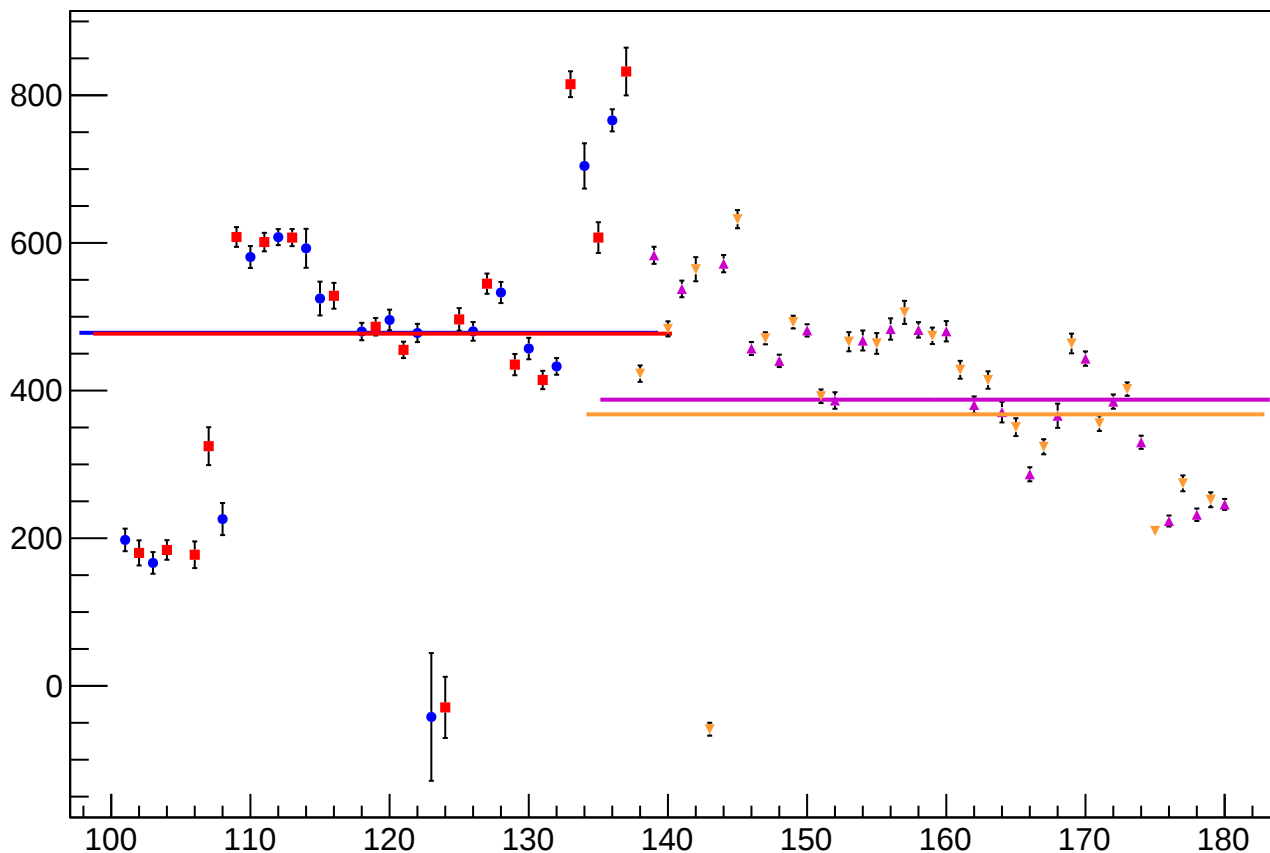
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -0.071 ± 1.249 χ^2/NDF : 554.6/37

Out: 3.036 ± 1.233 χ^2/NDF : 550.6/39

All: 1.503 ± 0.878 χ^2/NDF : 1108.4/77

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: 367.793 $\pm$ 2.222 χ^2 /NDF: 4670.0/21

Right Out: 477.101 $\pm$ 3.541 χ^2 /NDF: 2175.8/17

Left In: 387.670 $\pm$ 2.192 χ^2 /NDF: 2529.9/20

Left: 377.864 $\pm$ 1.560 χ^2 /NDF: 7240.5/42

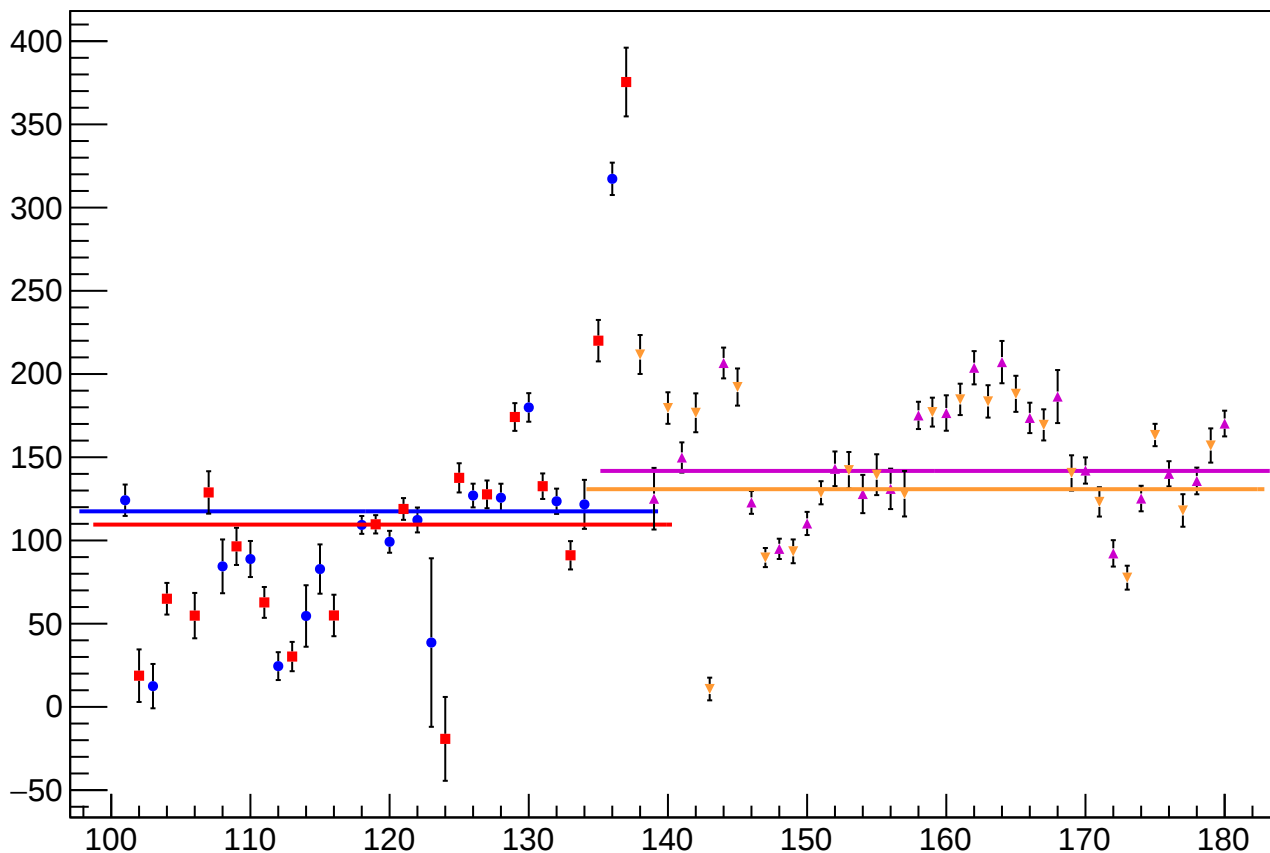
Right: 477.667 $\pm$ 2.538 χ^2 /NDF: 3803.8/34

In: 411.798 $\pm$ 1.878 χ^2 /NDF: 4612.8/37

Out: 398.661 $\pm$ 1.882 χ^2 /NDF: 7529.5/39

All: 405.245 $\pm$ 1.329 χ^2 /NDF: 12166.8/77

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 χ^2/NDF : 705.9/16

Left Out: 130.810 ± 1.874 χ^2/NDF : 734.2/21

Right Out: 109.536 ± 2.208 χ^2/NDF : 562.2/17

Left In: 141.784 ± 1.911 χ^2/NDF : 310.4/20

Left: 136.190 ± 1.338 χ^2/NDF : 1061.4/42

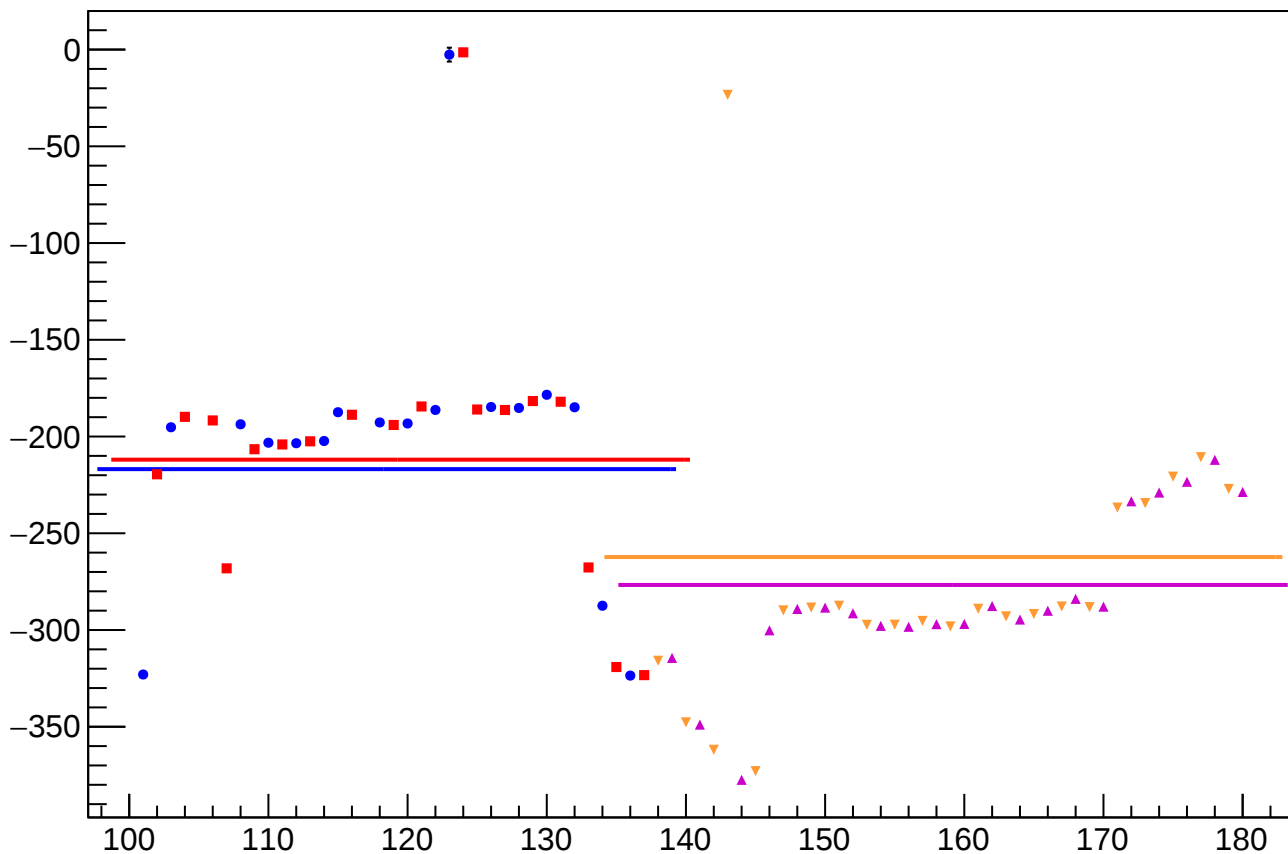
Right: 113.538 ± 1.558 χ^2/NDF : 1274.7/34

In: 131.329 ± 1.442 χ^2/NDF : 1085.9/37

Out: 121.902 ± 1.429 χ^2/NDF : 1350.3/39

All: 126.572 ± 1.015 χ^2/NDF : 2457.8/77

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: -262.289 ± 0.090 $\chi^2/\text{NDF}: 689773.2/21$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -276.708 ± 0.089 $\chi^2/\text{NDF}: 197291.4/20$

Left: -269.562 ± 0.063 $\chi^2/\text{NDF}: 899975.8/42$

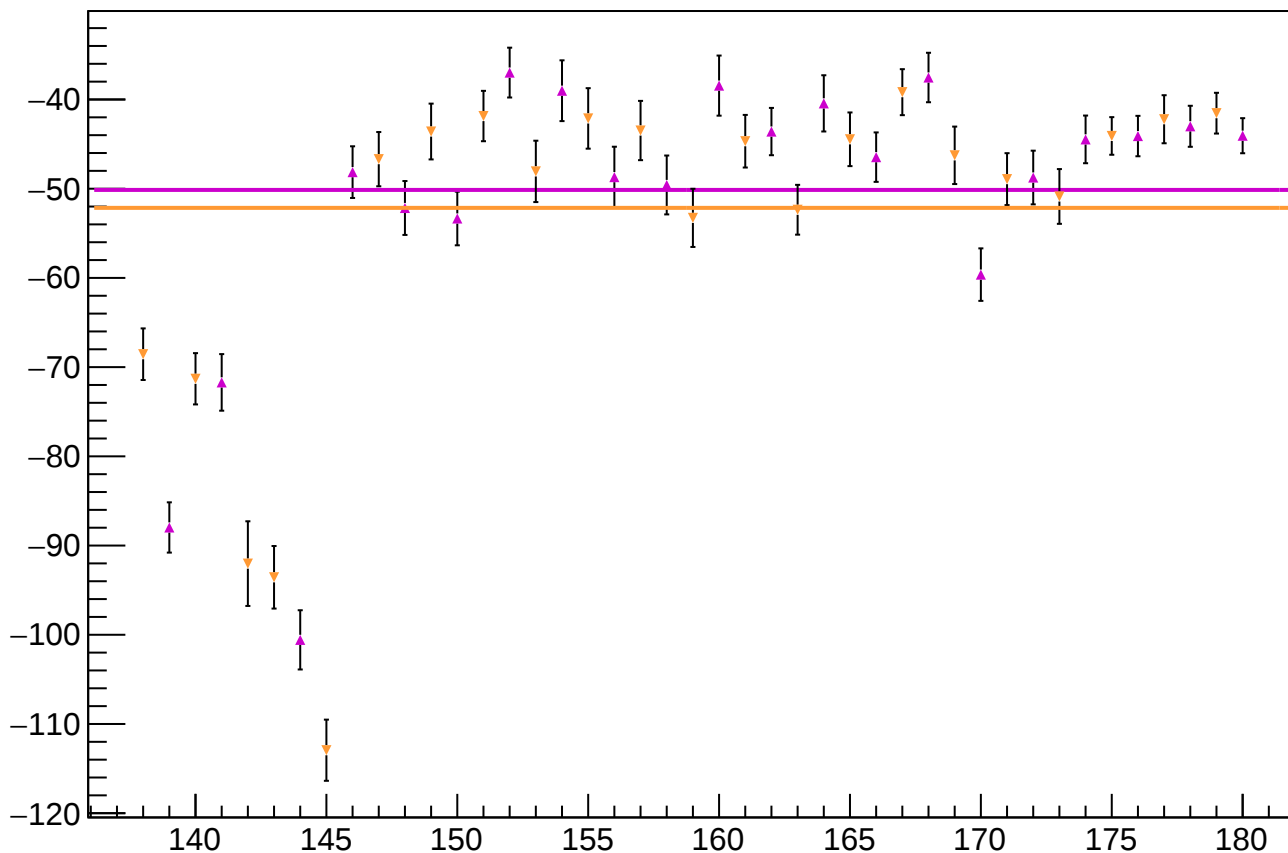
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -258.641 ± 0.075 $\chi^2/\text{NDF}: 479720.7/37$

Out: -246.064 ± 0.074 $\chi^2/\text{NDF}: 902406.3/39$

All: -252.314 ± 0.053 $\chi^2/\text{NDF}: 1396410.0/77$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



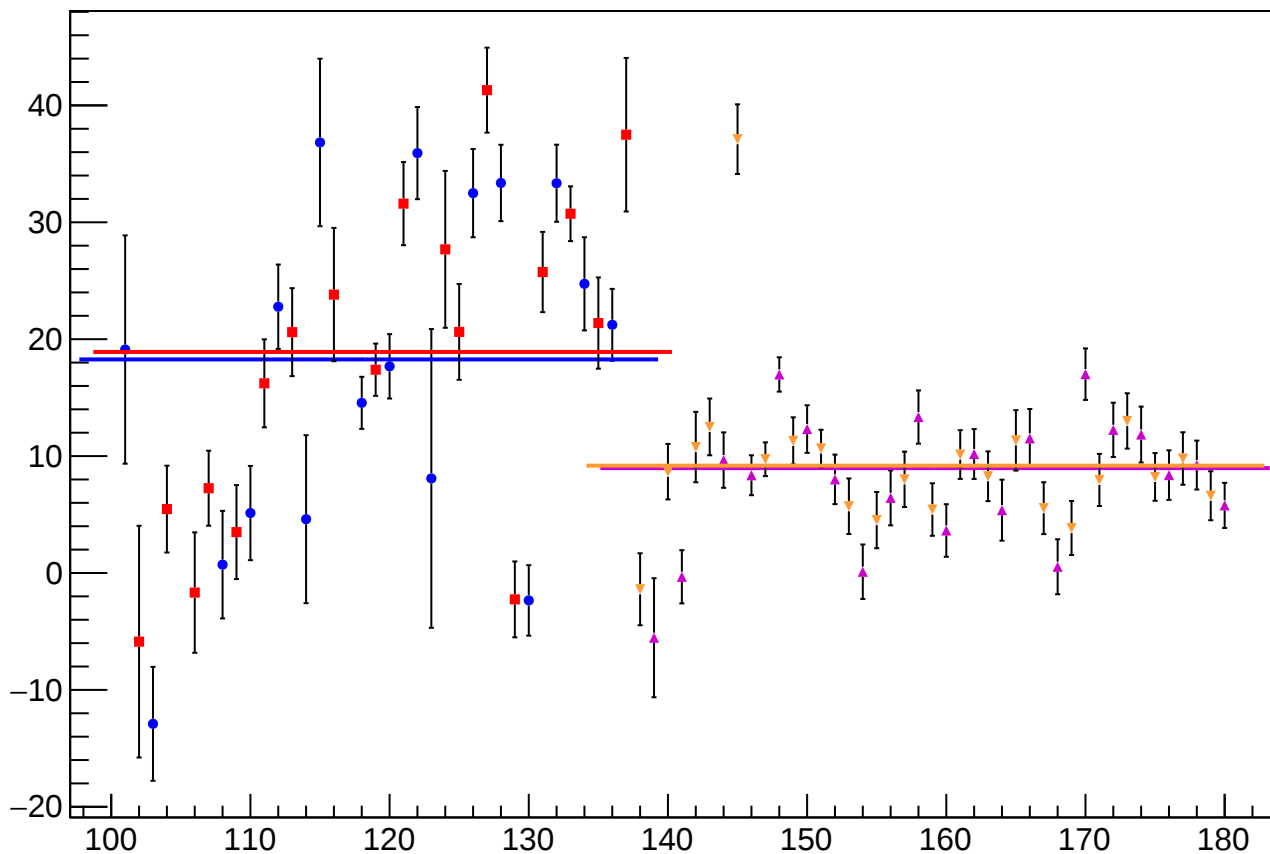
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -52.148 $\pm$ 0.630 χ^2 /NDF:735.1/21
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -50.137 $\pm$ 0.614 χ^2 /NDF:583.9/20

Left: -51.118 $\pm$ 0.440 χ^2 /NDF: 1324.2/42
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -50.137 $\pm$ 0.614 χ^2 /NDF:583.9/20
 Out: -52.148 $\pm$ 0.630 χ^2 /NDF:735.1/21

All: -51.118 $\pm$ 0.440 χ^2 /NDF: 1324.2/42

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.183 ± 0.469 χ^2/NDF : 126.6/21

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 8.972 ± 0.475 χ^2/NDF : 118.3/20

Left: 9.079 ± 0.334 χ^2/NDF : 245.0/42

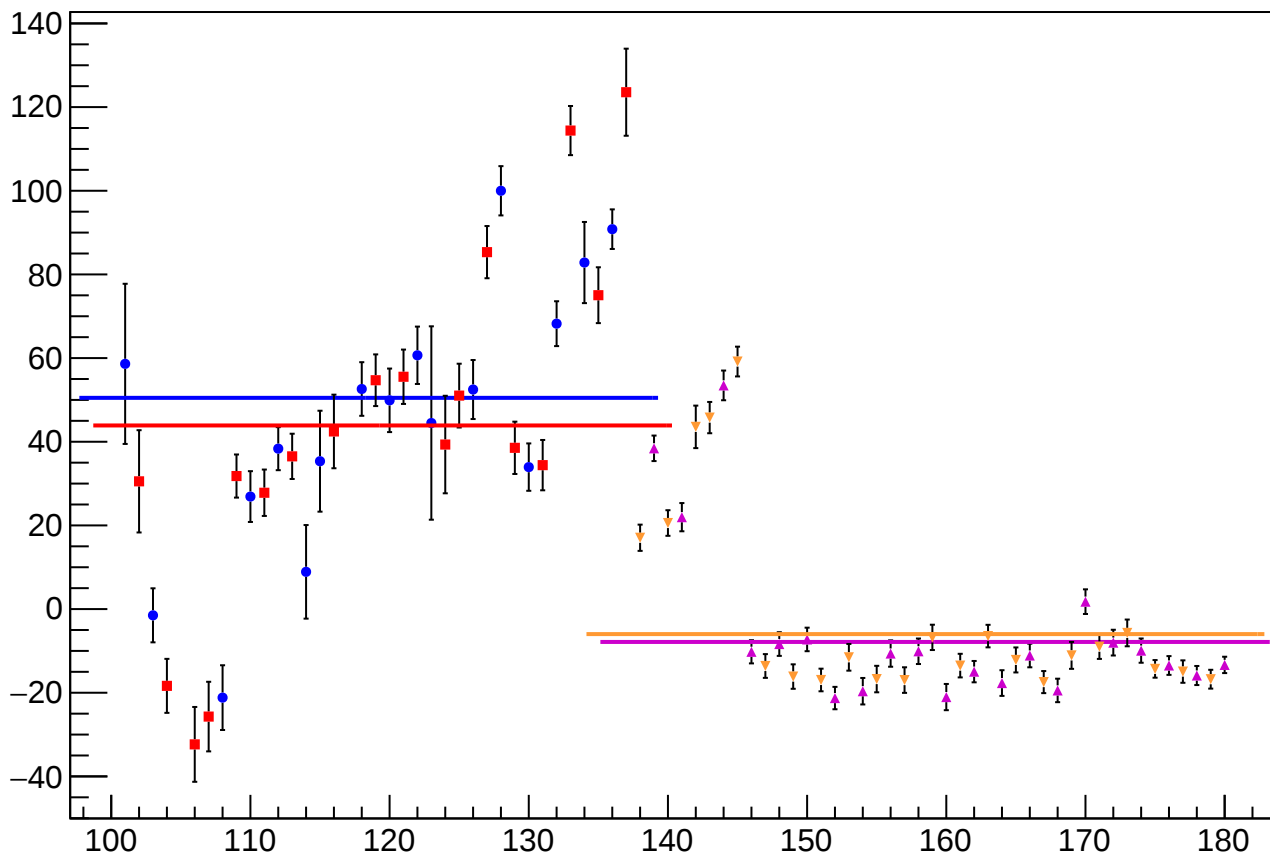
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 10.975 ± 0.421 χ^2/NDF : 409.1/37

Out: 11.392 ± 0.412 χ^2/NDF : 422.6/39

All: 11.188 ± 0.294 χ^2/NDF : 832.1/77

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -5.980 $\pm$ 0.622 χ^2 /NDF: 897.6/21

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -7.857 $\pm$ 0.607 χ^2 /NDF: 739.8/20

Left: -6.942 $\pm$ 0.435 χ^2 /NDF: 1642.0/42

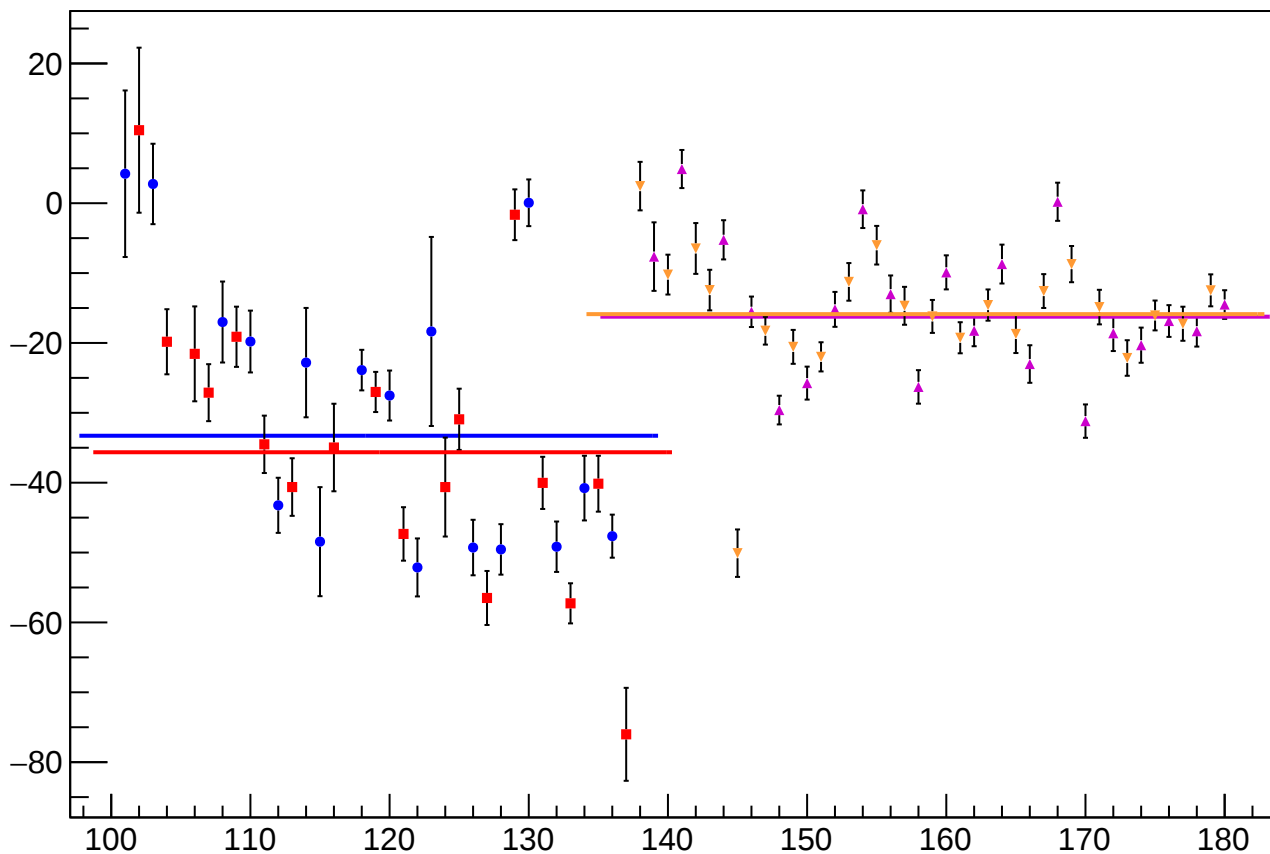
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: -1.046 $\pm$ 0.571 χ^2 /NDF: 2180.3/37

Out: 0.548 $\pm$ 0.580 χ^2 /NDF: 2270.0/39

All: -0.262 $\pm$ 0.407 χ^2 /NDF: 4454.2/77

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -15.876 ± 0.536 $\chi^2/\text{NDF}: 192.9/21$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -16.242 ± 0.539 $\chi^2/\text{NDF}: 290.9/20$

Left: -16.058 ± 0.380 $\chi^2/\text{NDF}: 484.0/42$

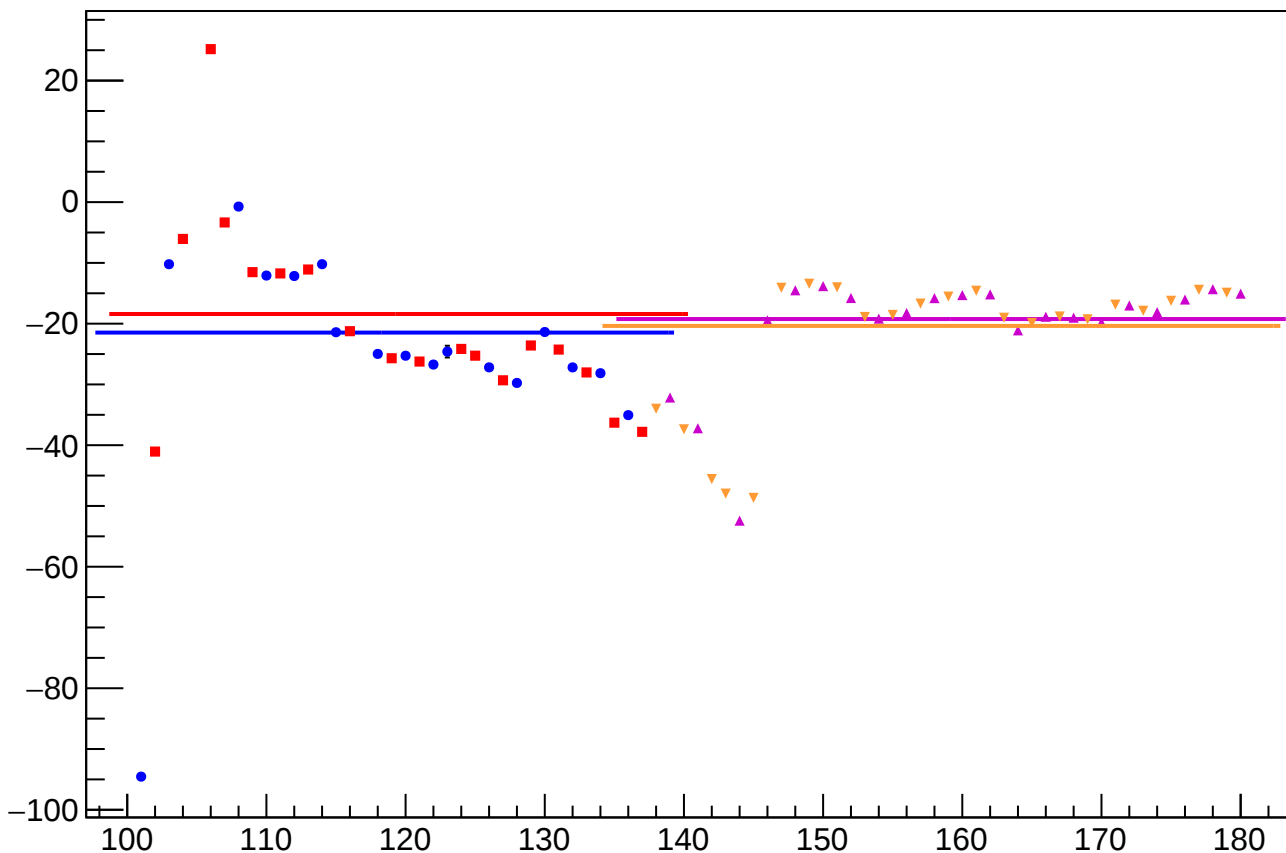
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -19.880 ± 0.478 $\chi^2/\text{NDF}: 797.0/37$

Out: -20.343 ± 0.472 $\chi^2/\text{NDF}: 784.4/39$

All: -20.115 ± 0.336 $\chi^2/\text{NDF}: 1581.9/77$

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: -20.370 ± 0.025 $\chi^2/\text{NDF}: 143054.2/21$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -19.239 ± 0.024 $\chi^2/\text{NDF}: 91951.2/20$

Left: -19.797 ± 0.017 $\chi^2/\text{NDF}: 236059.8/42$

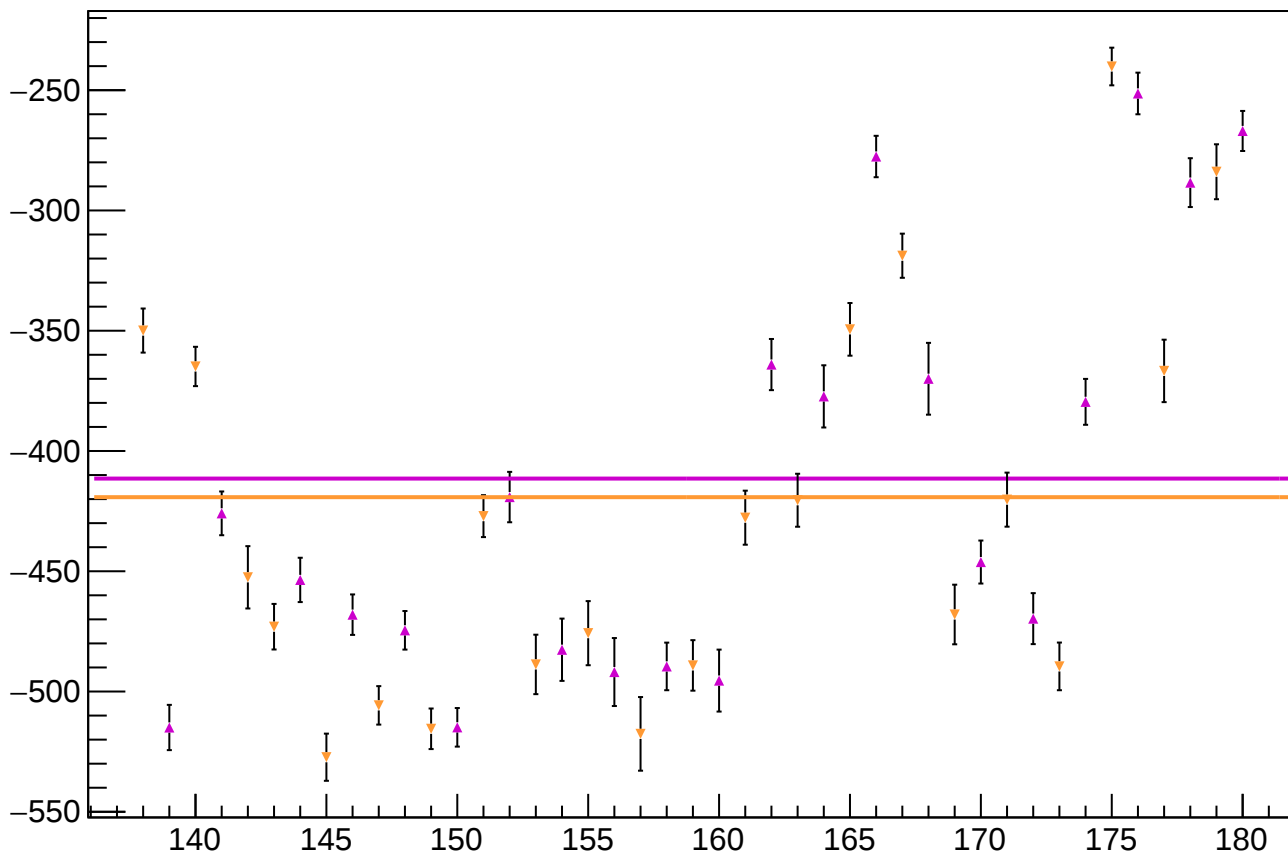
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -19.568 ± 0.023 $\chi^2/\text{NDF}: 142158.7/37$

Out: -20.062 ± 0.023 $\chi^2/\text{NDF}: 221623.5/39$

All: -19.813 ± 0.016 $\chi^2/\text{NDF}: 364019.0/77$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -419.203+/-2.163 χ^2/NDF :1551.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Left: -415.284+/-1.520 χ^2/NDF : 3267.5/42

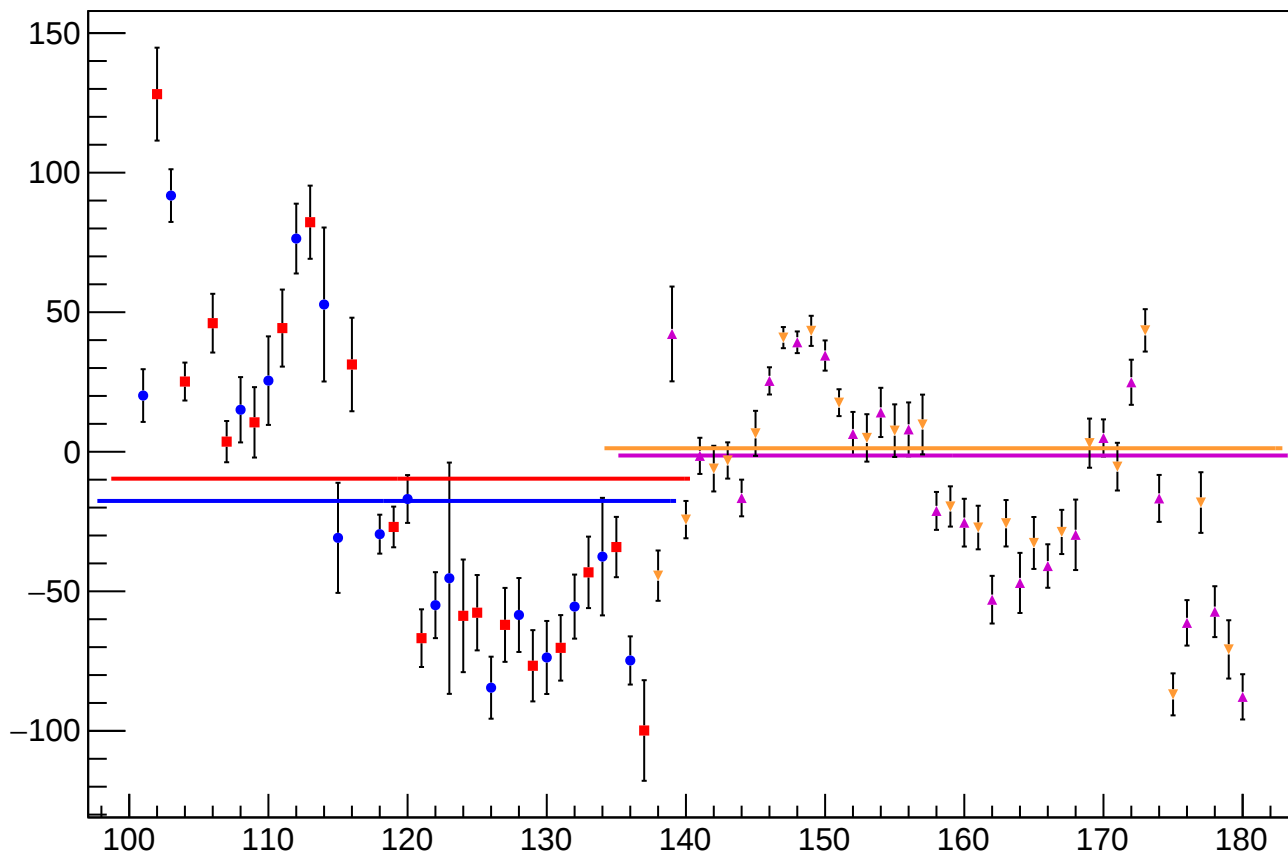
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Out: -419.203+/-2.163 χ^2/NDF :1551.9/21

All: -415.284+/-1.520 χ^2/NDF : 3267.5/42

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2 /NDF: 362.0/16

Left Out: 1.262 $\pm$ 1.531 χ^2 /NDF: 504.3/21

Right Out: -9.641 $\pm$ 2.613 χ^2 /NDF: 360.7/17

Left In: -1.343 $\pm$ 1.567 χ^2 /NDF: 522.2/20

Left: -0.010 $\pm$ 1.095 χ^2 /NDF: 1027.9/42

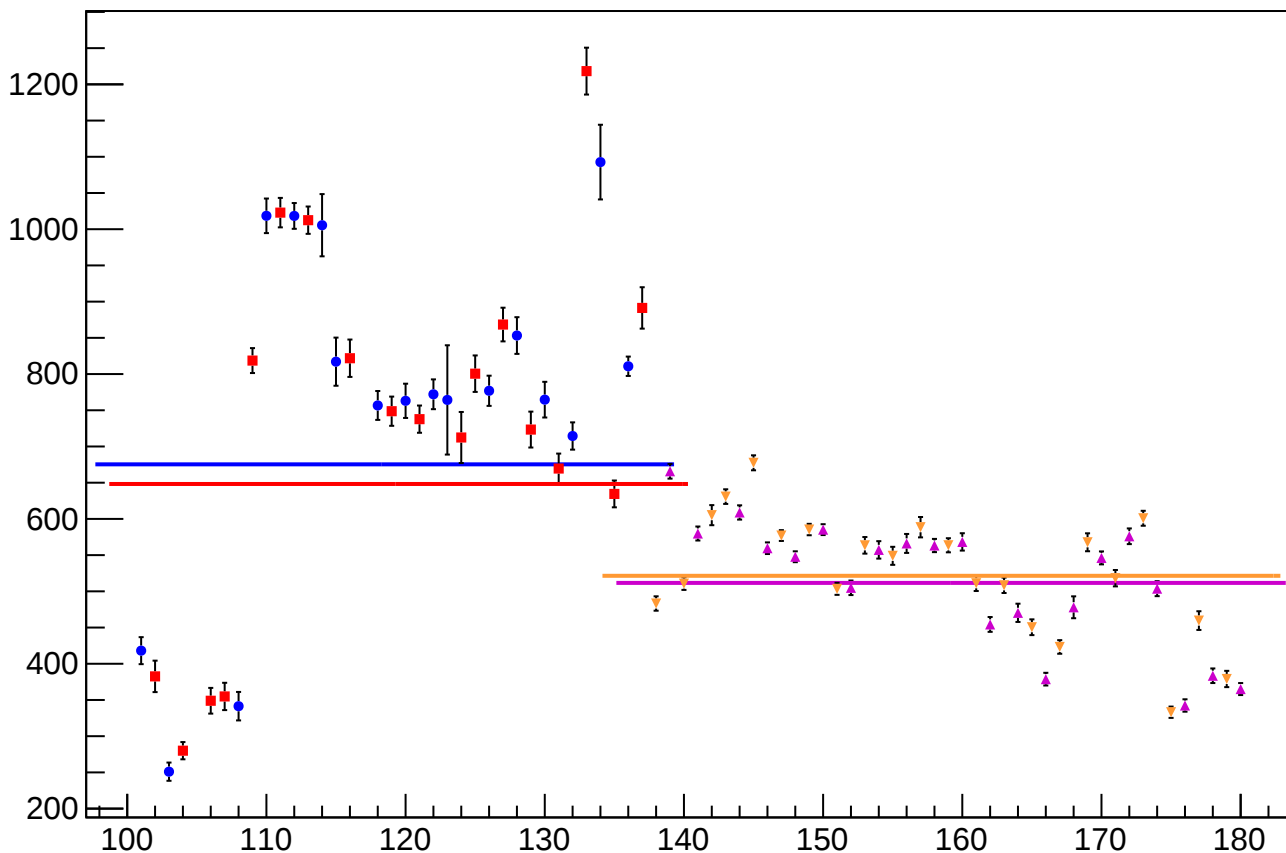
Right: -13.374 $\pm$ 1.906 χ^2 /NDF: 727.1/34

In: -5.253 $\pm$ 1.366 χ^2 /NDF: 910.1/37

Out: -1.525 $\pm$ 1.321 χ^2 /NDF: 877.9/39

All: -3.327 $\pm$ 0.949 χ^2 /NDF: 1791.9/77

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 521.451 ± 2.146 χ^2/NDF : 1575.2/21

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 511.644 ± 2.109 χ^2/NDF : 1810.5/20

Left: 516.463 ± 1.504 χ^2/NDF : 3396.3/42

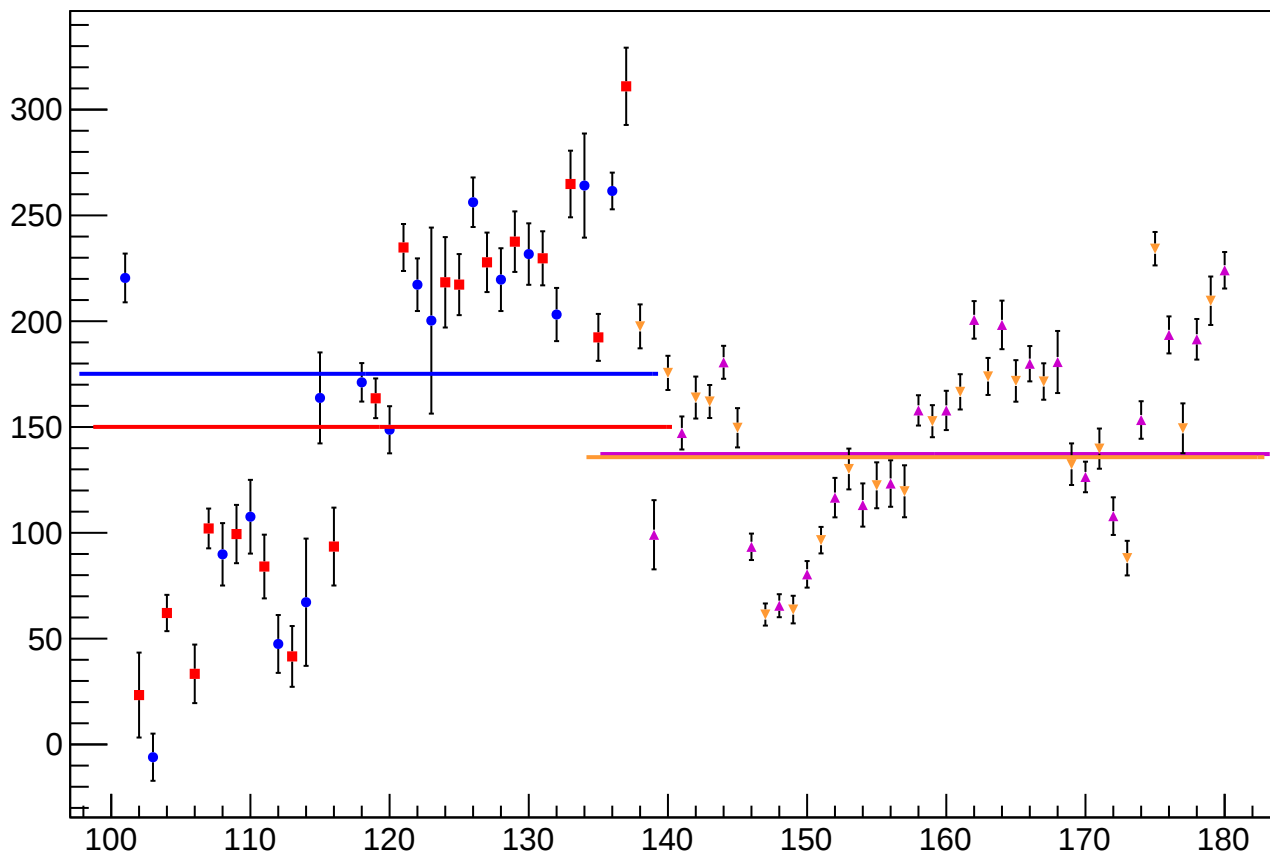
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 535.986 ± 1.946 χ^2/NDF : 5289.2/37

Out: 542.749 ± 1.957 χ^2/NDF : 5220.7/39

All: 539.348 ± 1.380 χ^2/NDF : 10515.8/77

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 135.754 $\pm$ 1.795 χ^2 /NDF:749.8/21

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 137.230 $\pm$ 1.816 χ^2 /NDF:674.0/20

Left: 136.483 $\pm$ 1.277 χ^2 /NDF: 1424.2/42

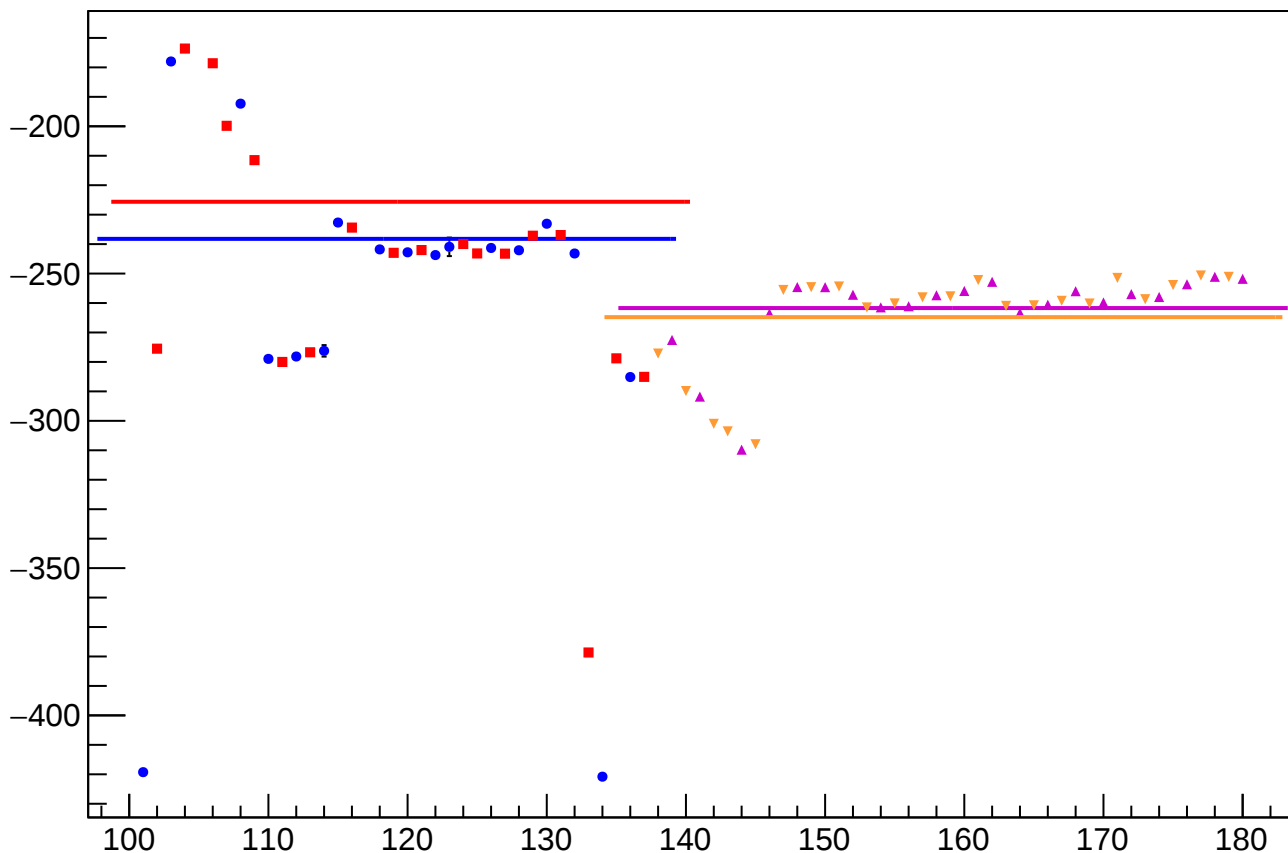
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 146.427 $\pm$ 1.581 χ^2 /NDF:1415.3/37

Out: 139.442 $\pm$ 1.547 χ^2 /NDF:1452.4/39

All: 142.858 $\pm$ 1.105 χ^2 /NDF: 2877.7/77

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.796+/-0.087 χ^2/NDF : 38119.5/21

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -261.708+/-0.085 χ^2/NDF : 23152.2/20

Left: -263.227+/-0.061 χ^2/NDF : 61915.9/42

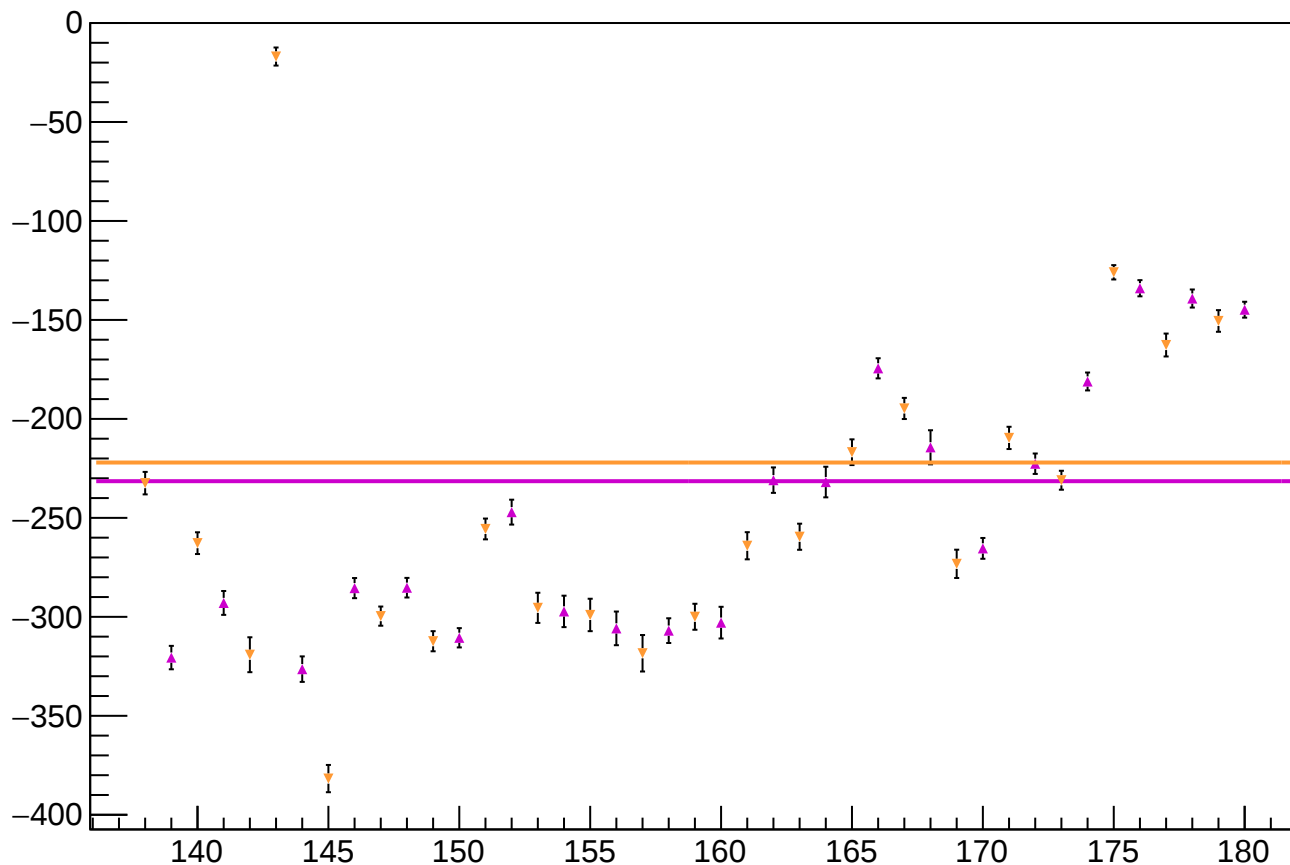
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.509+/-0.075 χ^2/NDF : 207023.1/37

Out: -255.138+/-0.075 χ^2/NDF : 183894.7/39

All: -255.823+/-0.053 χ^2/NDF : 391083.7/77

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: -222.039+/-1.223 χ^2/NDF :4918.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.466+/-1.209 χ^2/NDF :3162.3/20

Left: -226.806+/-0.860 χ^2/NDF : 8110.6/42

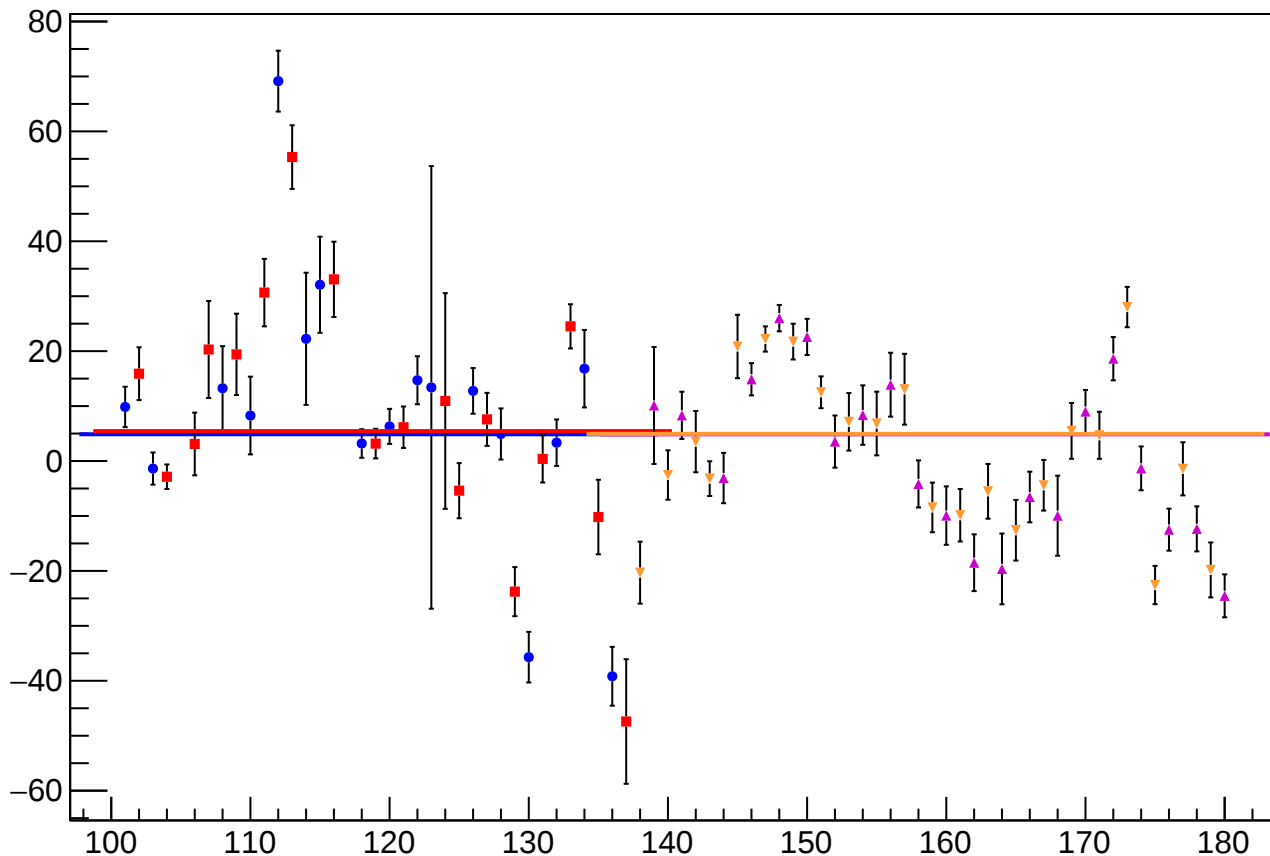
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.466+/-1.209 χ^2/NDF :3162.3/20

Out: -222.039+/-1.223 χ^2/NDF :4918.2/21

All: -226.806+/-0.860 χ^2/NDF : 8110.6/42

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: 4.945 ± 0.883 χ^2/NDF : 294.2/21

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 4.857 ± 0.911 χ^2/NDF : 293.1/20

Left: 4.903 ± 0.634 χ^2/NDF : 587.3/42

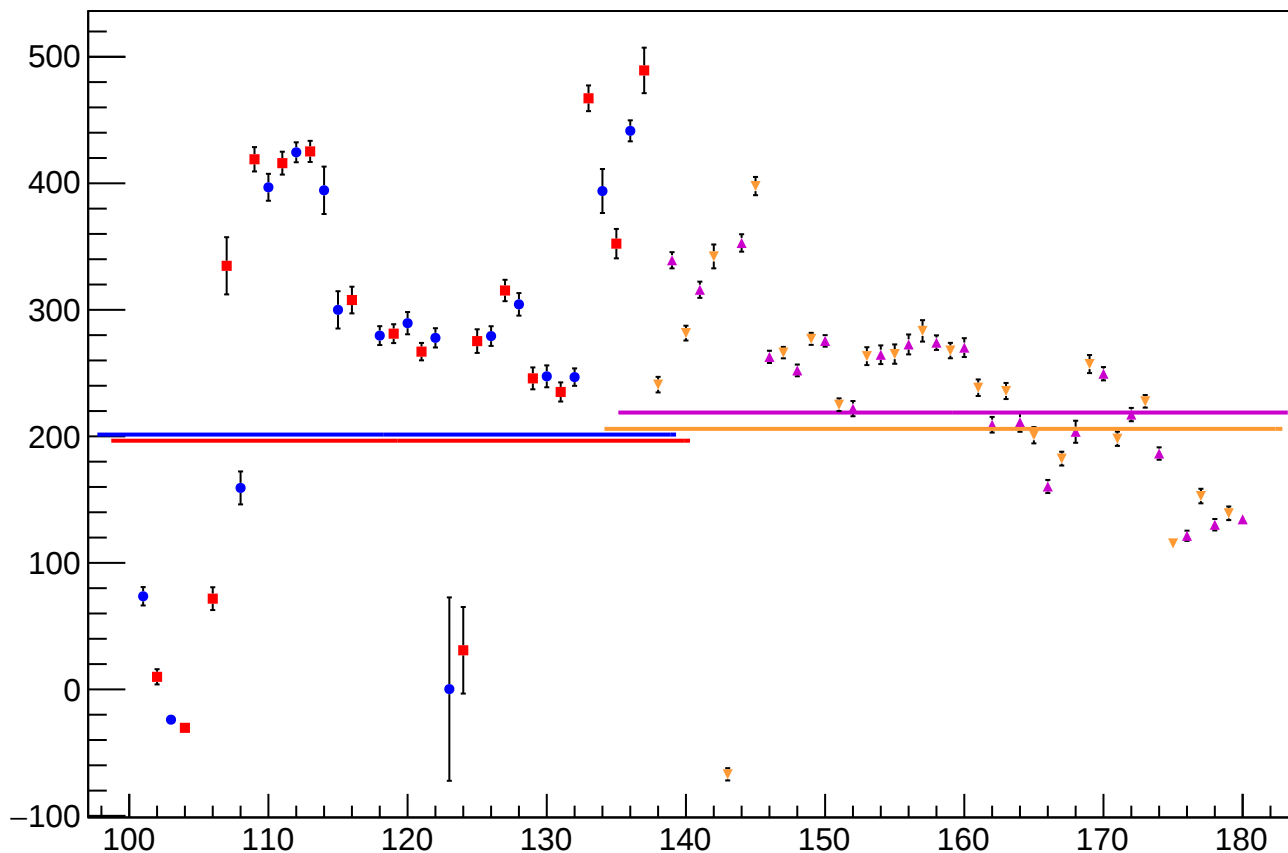
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 4.863 ± 0.699 χ^2/NDF : 604.6/37

Out: 5.149 ± 0.681 χ^2/NDF : 525.9/39

All: 5.010 ± 0.488 χ^2/NDF : 1130.6/77

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407+/-1.974 χ^2/NDF : 6740.4/16

Left Out: 205.919+/-1.215 χ^2/NDF : 5994.3/21

Right Out: 196.565+/-1.931 χ^2/NDF : 8178.1/17

Left In: 218.818+/-1.198 χ^2/NDF : 3095.1/20

Left: 212.463+/-0.853 χ^2/NDF : 9146.5/42

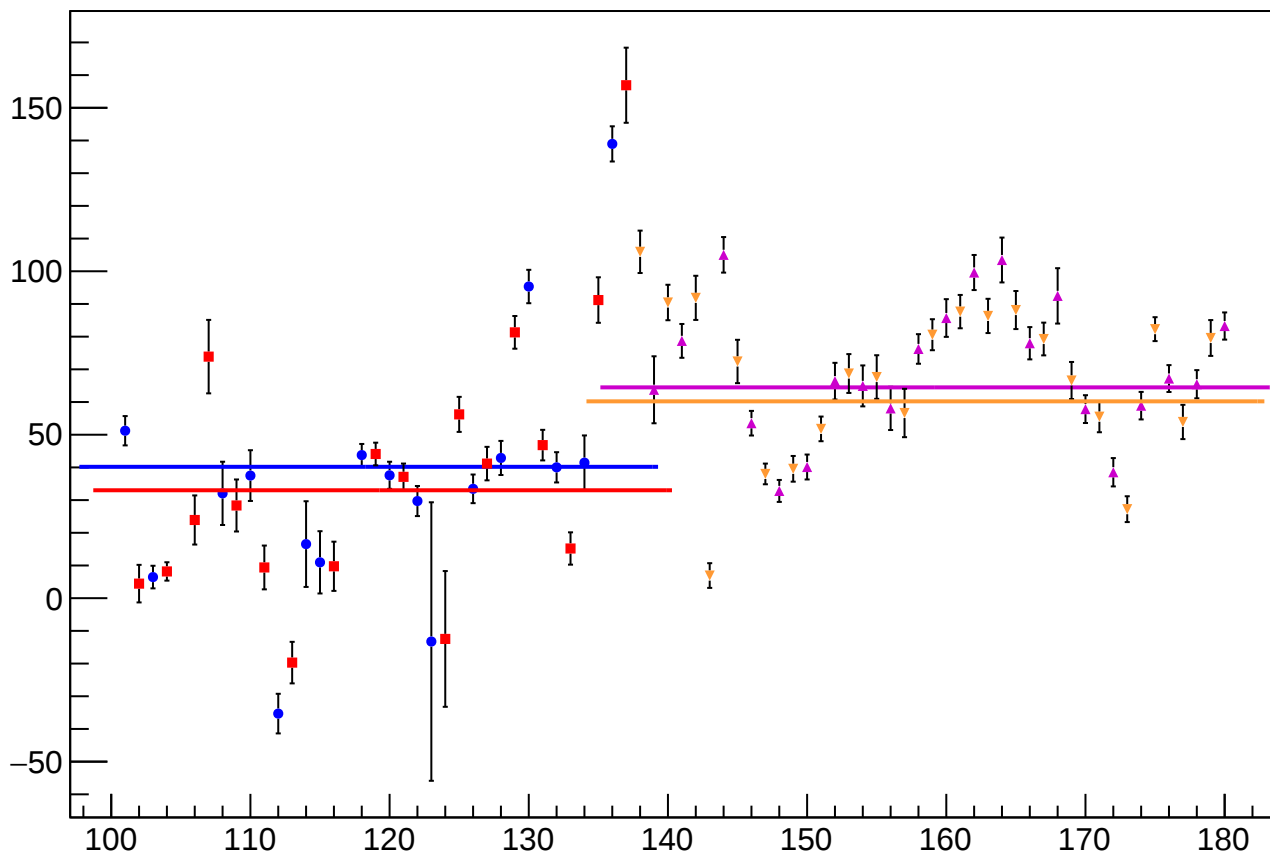
Right: 198.933+/-1.380 χ^2/NDF : 14921.6/34

In: 214.132+/-1.024 χ^2/NDF : 9892.4/37

Out: 203.265+/-1.029 χ^2/NDF : 14189.2/39

All: 208.724+/-0.726 χ^2/NDF : 24137.6/77

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 60.210 $\pm$ 1.027 χ^2 /NDF:622.5/21

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 64.484 $\pm$ 1.046 χ^2 /NDF:377.2/20

Left: 62.308 $\pm$ 0.733 χ^2 /NDF: 1008.2/42

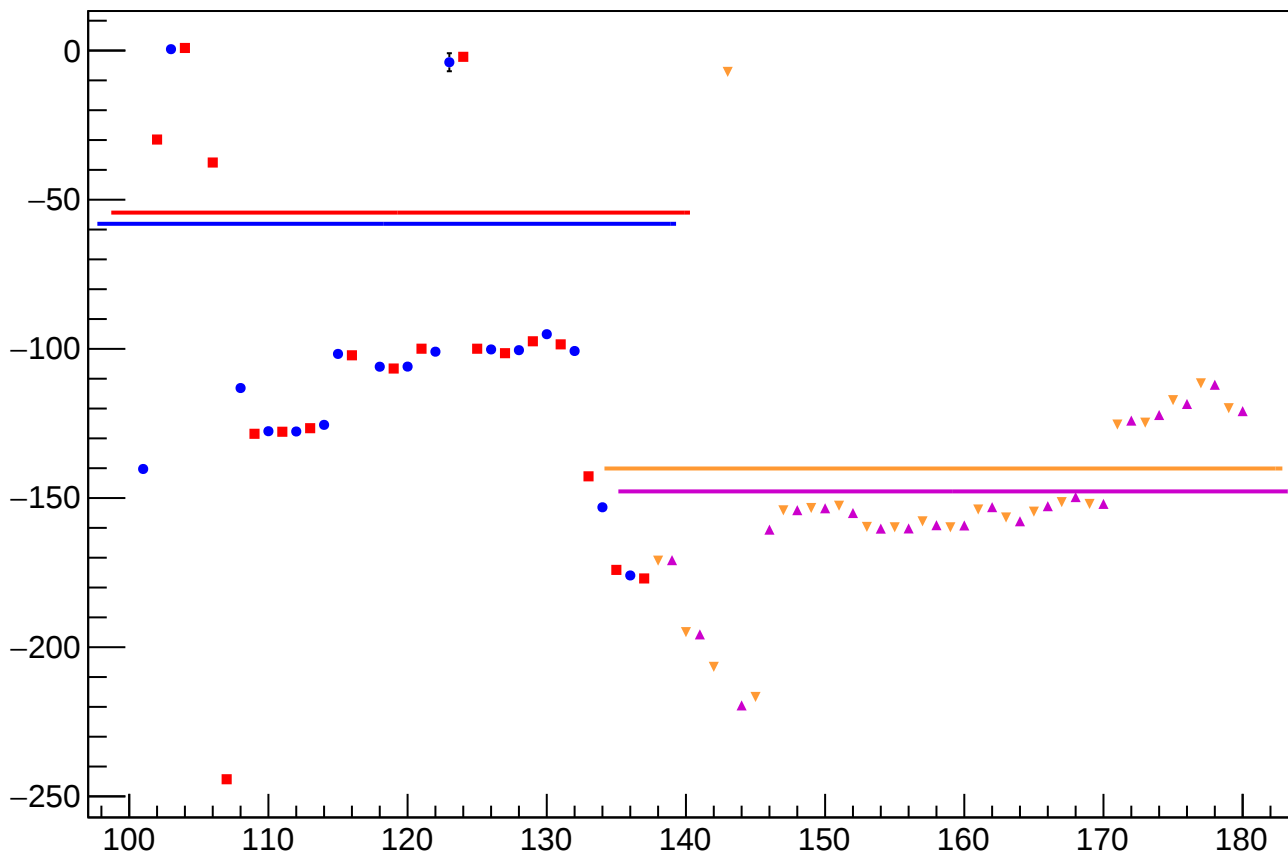
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 54.663 $\pm$ 0.807 χ^2 /NDF:1329.4/37

Out: 49.282 $\pm$ 0.794 χ^2 /NDF:1451.7/39

All: 51.928 $\pm$ 0.566 χ^2 /NDF: 2803.7/77

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -140.096 $\pm$ 0.049 χ^2 /NDF: 730399.0/21

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -147.778 $\pm$ 0.049 χ^2 /NDF: 227814.7/20

Left: -143.973 $\pm$ 0.035 χ^2 /NDF: 970479.4/42

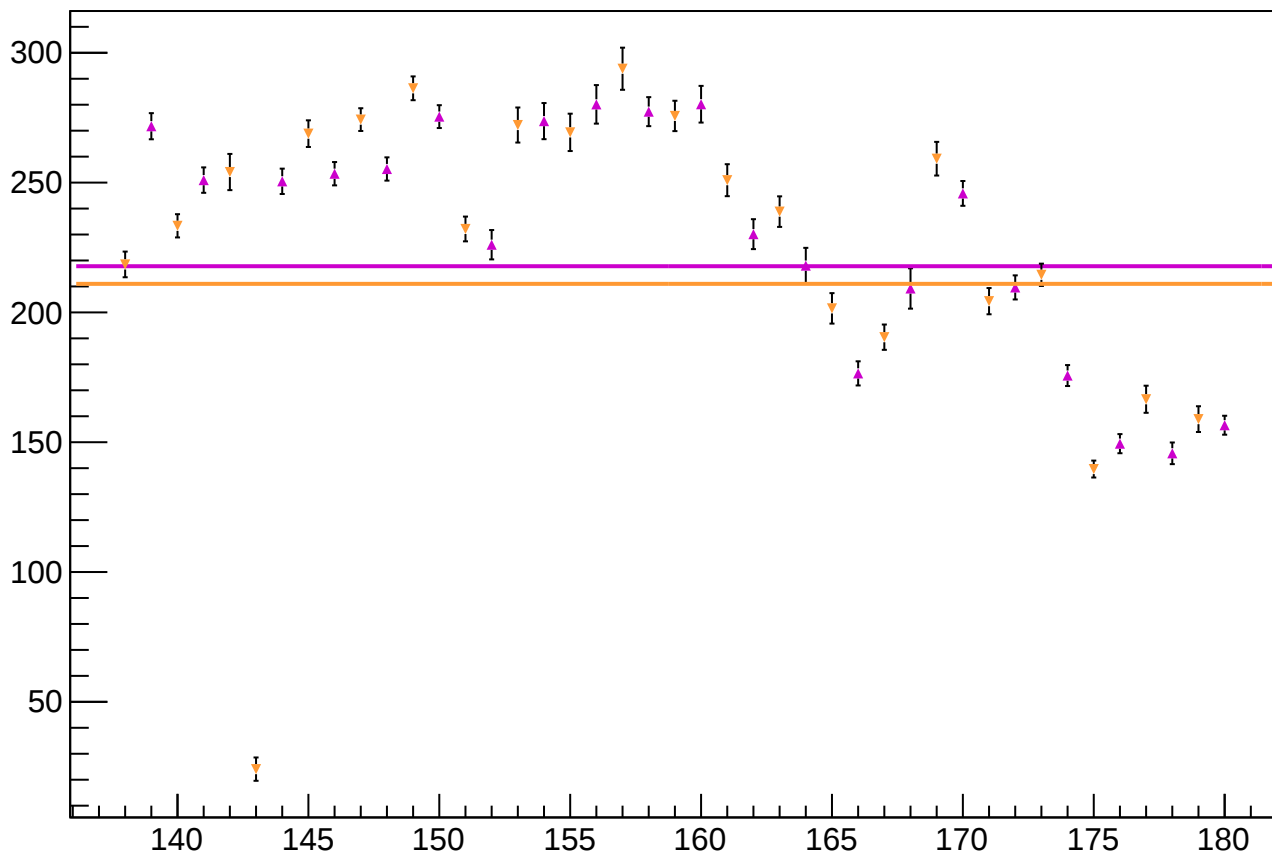
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -113.192 $\pm$ 0.038 χ^2 /NDF: 2634266.3/37

Out: -105.848 $\pm$ 0.038 χ^2 /NDF: 2931321.3/39

All: -109.513 $\pm$ 0.027 χ^2 /NDF: 5584041.7/77

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: 210.998+/-1.089 χ^2/NDF :3601.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 217.793+/-1.073 χ^2/NDF :1994.4/20

Left: 214.446+/-0.764 χ^2/NDF : 5615.9/42

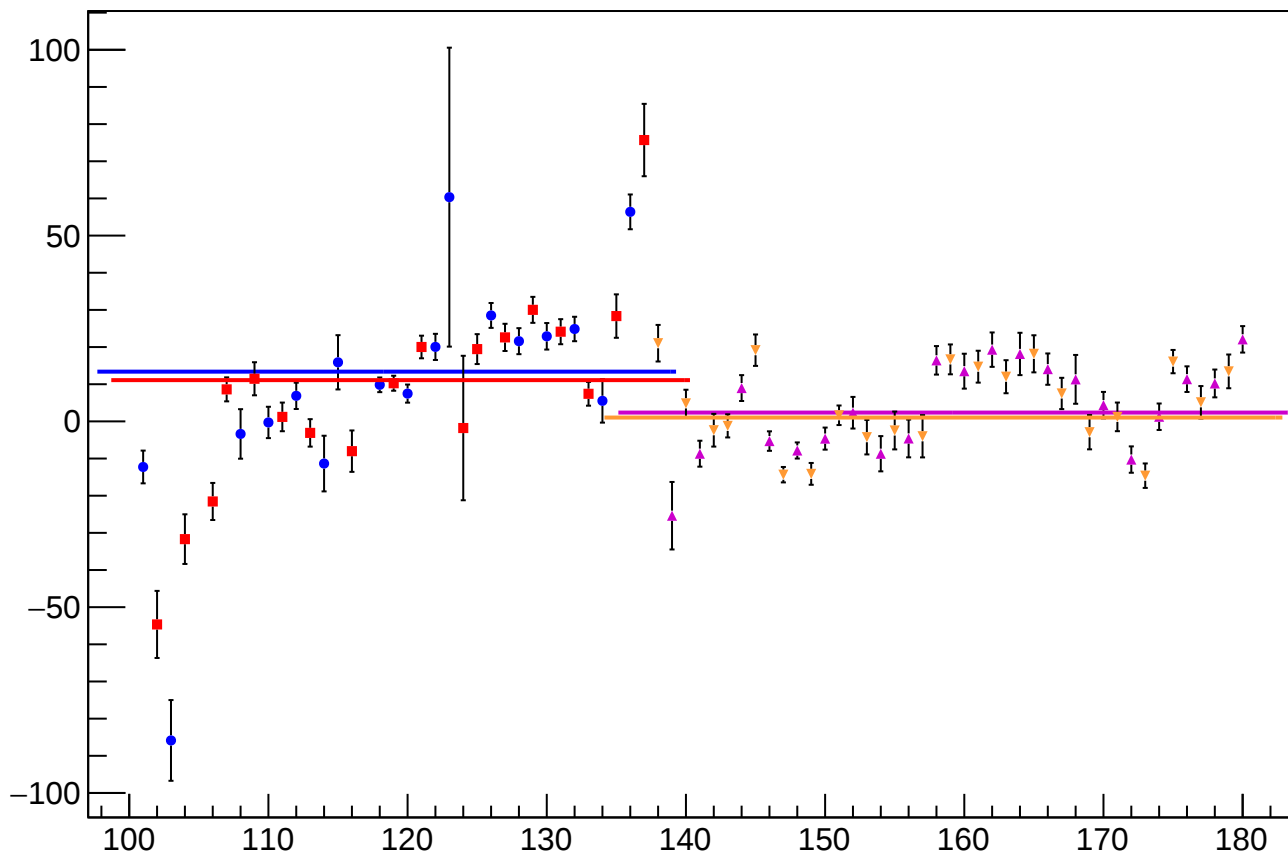
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 217.793+/-1.073 χ^2/NDF :1994.4/20

Out: 210.998+/-1.089 χ^2/NDF :3601.8/21

All: 214.446+/-0.764 χ^2/NDF : 5615.9/42

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: 1.031+/-0.789 χ^2/NDF : 221.6/21

Right Out: 11.101+/-0.915 χ^2/NDF : 292.2/17

Left In: 2.369+/-0.809 χ^2/NDF : 171.1/20

Left: 1.683+/-0.565 χ^2/NDF : 394.1/42

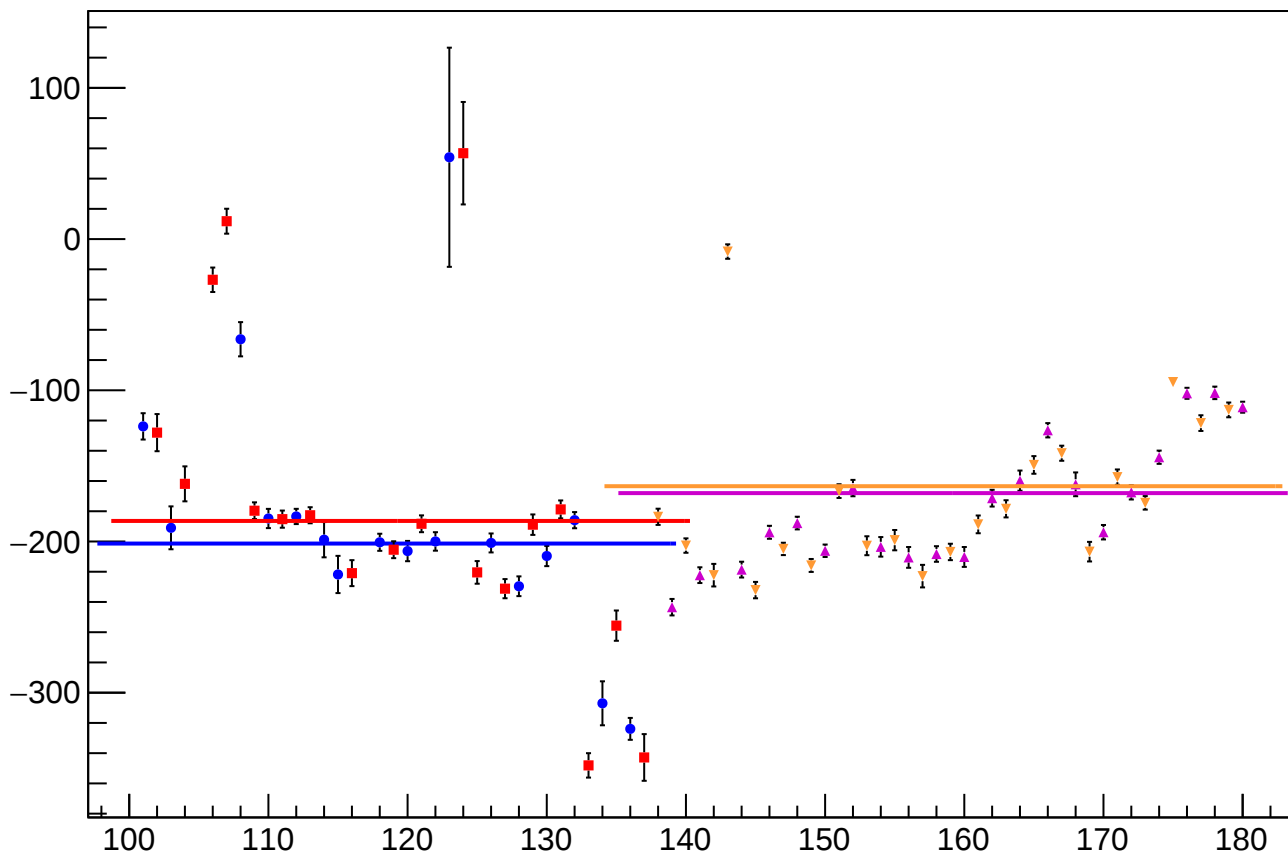
Right: 12.236+/-0.649 χ^2/NDF : 589.4/34

In: 7.166+/-0.608 χ^2/NDF : 545.9/37

Out: 5.322+/-0.598 χ^2/NDF : 583.2/39

All: 6.228+/-0.426 χ^2/NDF : 1133.9/77

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: -163.433 ± 1.083 χ^2/NDF : 2524.2/21

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -168.004 ± 1.064 χ^2/NDF : 1677.0/20

Left: -165.759 ± 0.759 χ^2/NDF : 4210.3/42

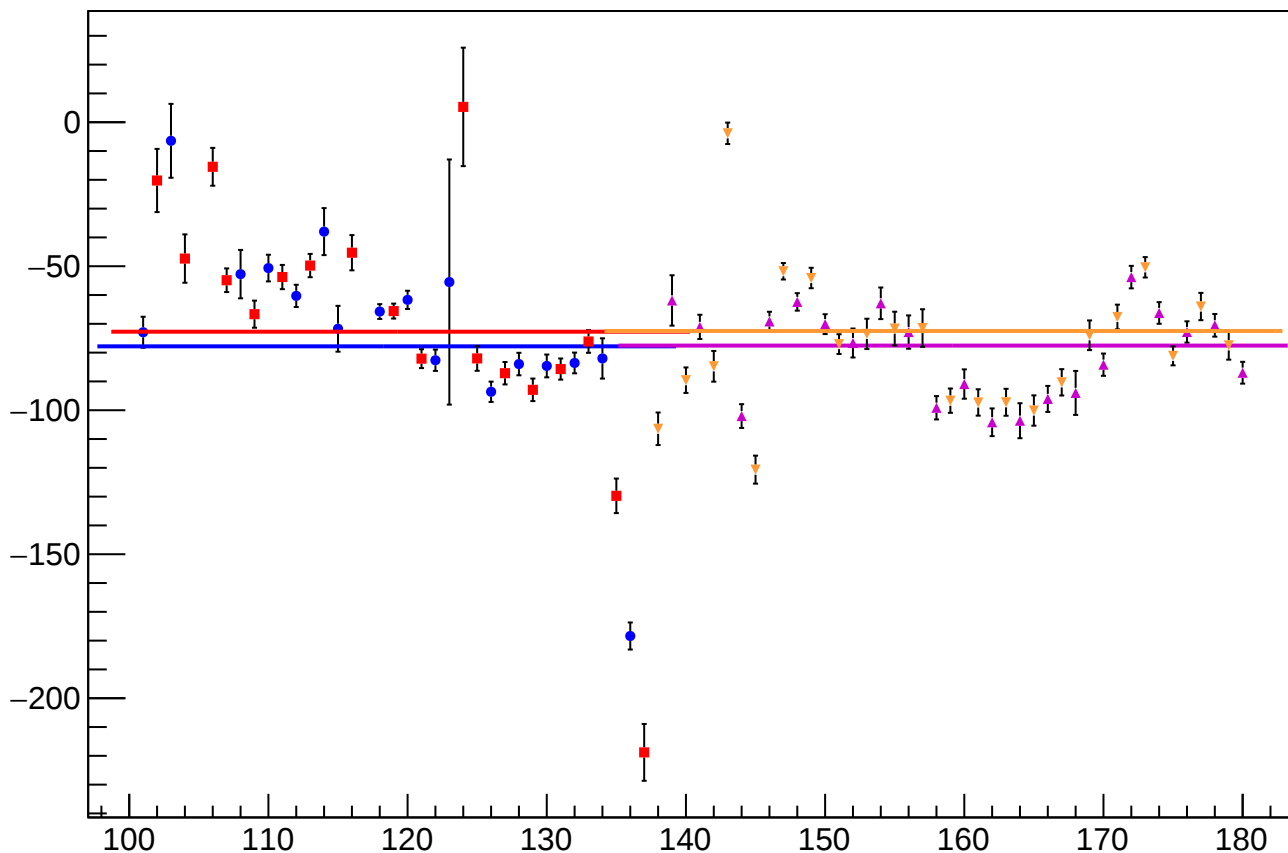
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -176.766 ± 0.914 χ^2/NDF : 2560.0/37

Out: -170.050 ± 0.914 χ^2/NDF : 4353.2/39

All: -173.408 ± 0.646 χ^2/NDF : 6940.2/77

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: -72.486 ± 0.917 χ^2/NDF : 760.4/21

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.560 ± 0.929 χ^2/NDF : 250.5/20

Left: -74.989 ± 0.652 χ^2/NDF : 1026.0/42

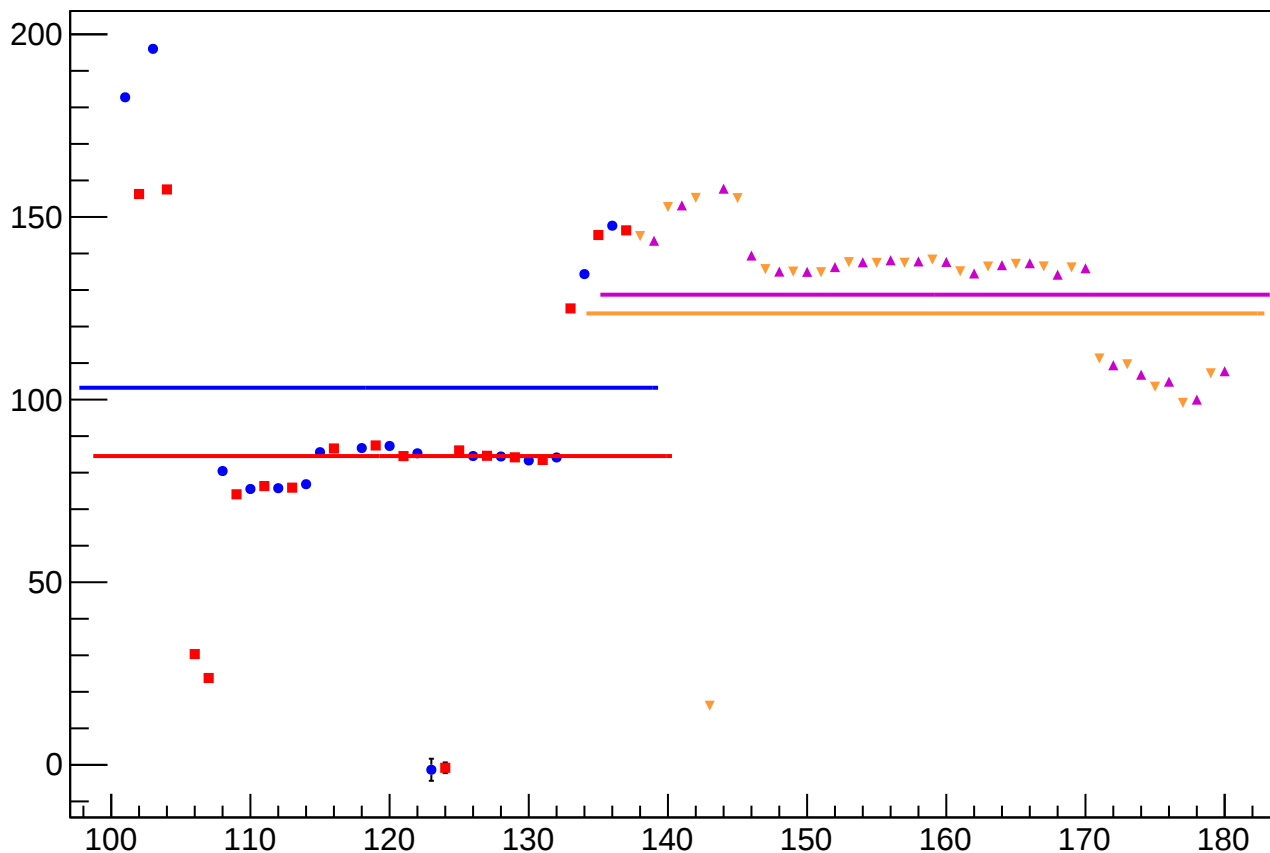
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.671 ± 0.701 χ^2/NDF : 906.9/37

Out: -72.593 ± 0.692 χ^2/NDF : 1359.4/39

All: -75.098 ± 0.492 χ^2/NDF : 2292.9/77

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: 123.592 $\pm$ 0.044 χ^2 /NDF: 465602.2/21

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 128.720 $\pm$ 0.043 χ^2 /NDF: 142848.0/20

Left: 126.189 $\pm$ 0.031 χ^2 /NDF: 615366.2/42

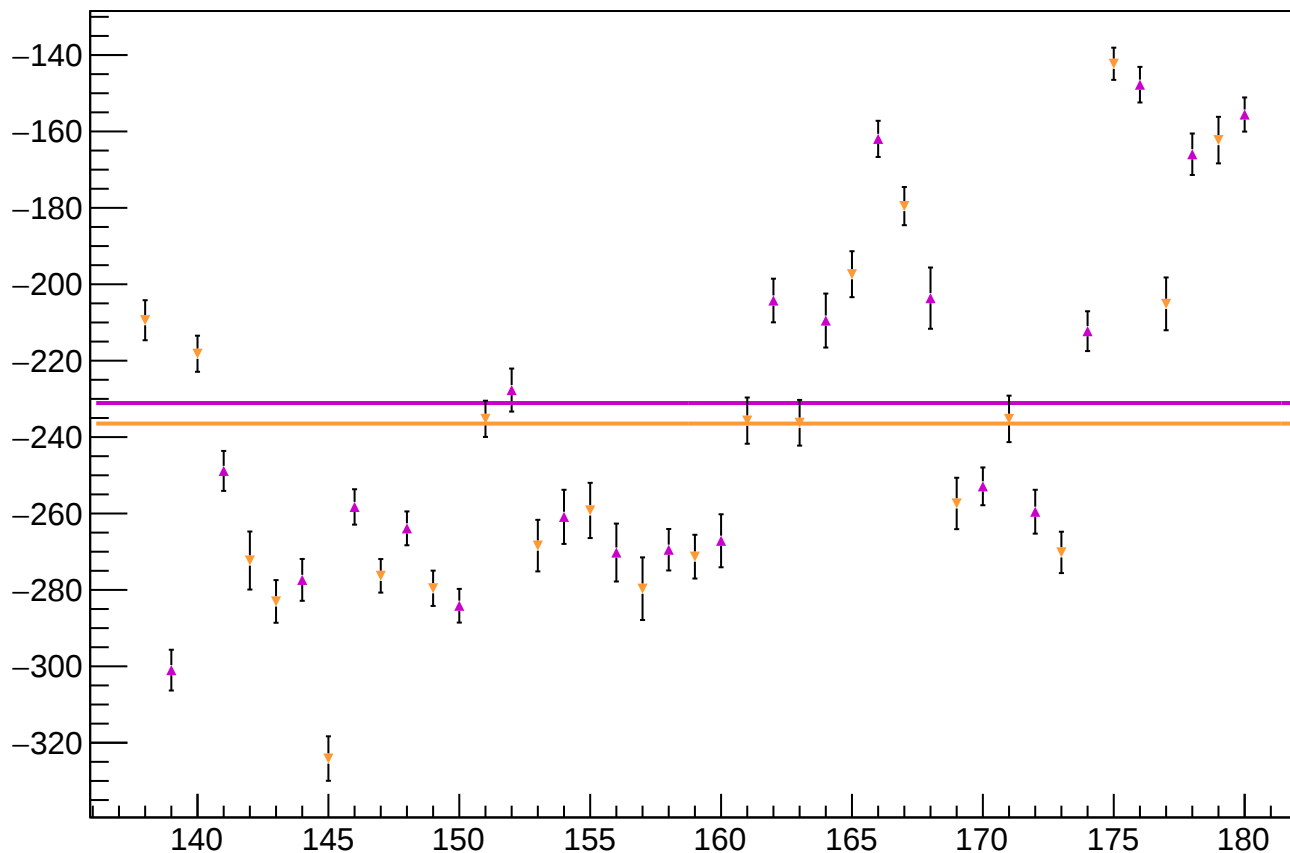
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 121.733 $\pm$ 0.037 χ^2 /NDF: 511086.8/37

Out: 111.083 $\pm$ 0.036 χ^2 /NDF: 1130720.3/39

All: 116.302 $\pm$ 0.026 χ^2 /NDF: 1684277.1/77

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: -236.462+/-1.195 χ^2/NDF :1516.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Left: -233.723+/-0.837 χ^2/NDF : 3200.0/42

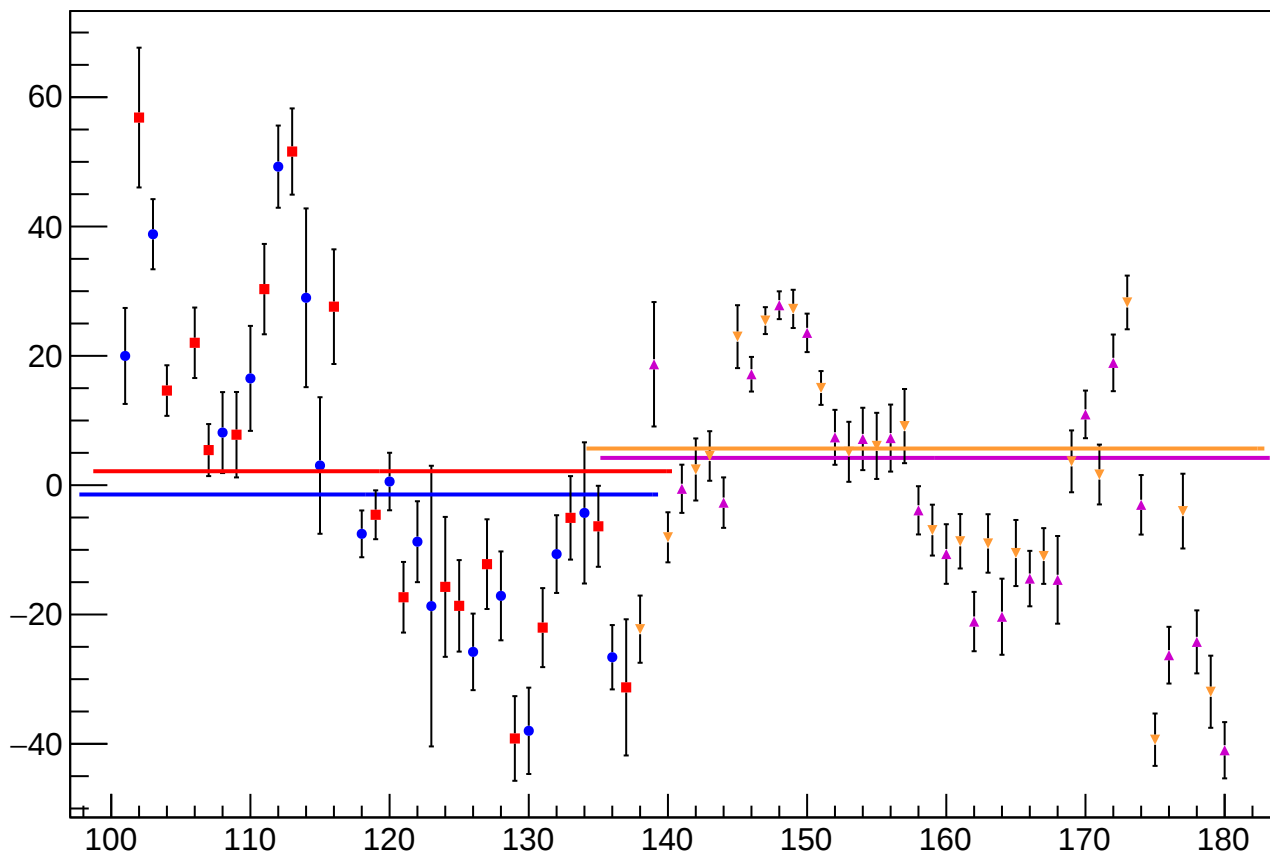
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Out: -236.462+/-1.195 χ^2/NDF :1516.2/21

All: -233.723+/-0.837 χ^2/NDF : 3200.0/42

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: 5.669 ± 0.846 χ^2/NDF : 471.3/21

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 4.218 ± 0.862 χ^2/NDF : 491.8/20

Left: 4.958 ± 0.604 χ^2/NDF : 964.5/42

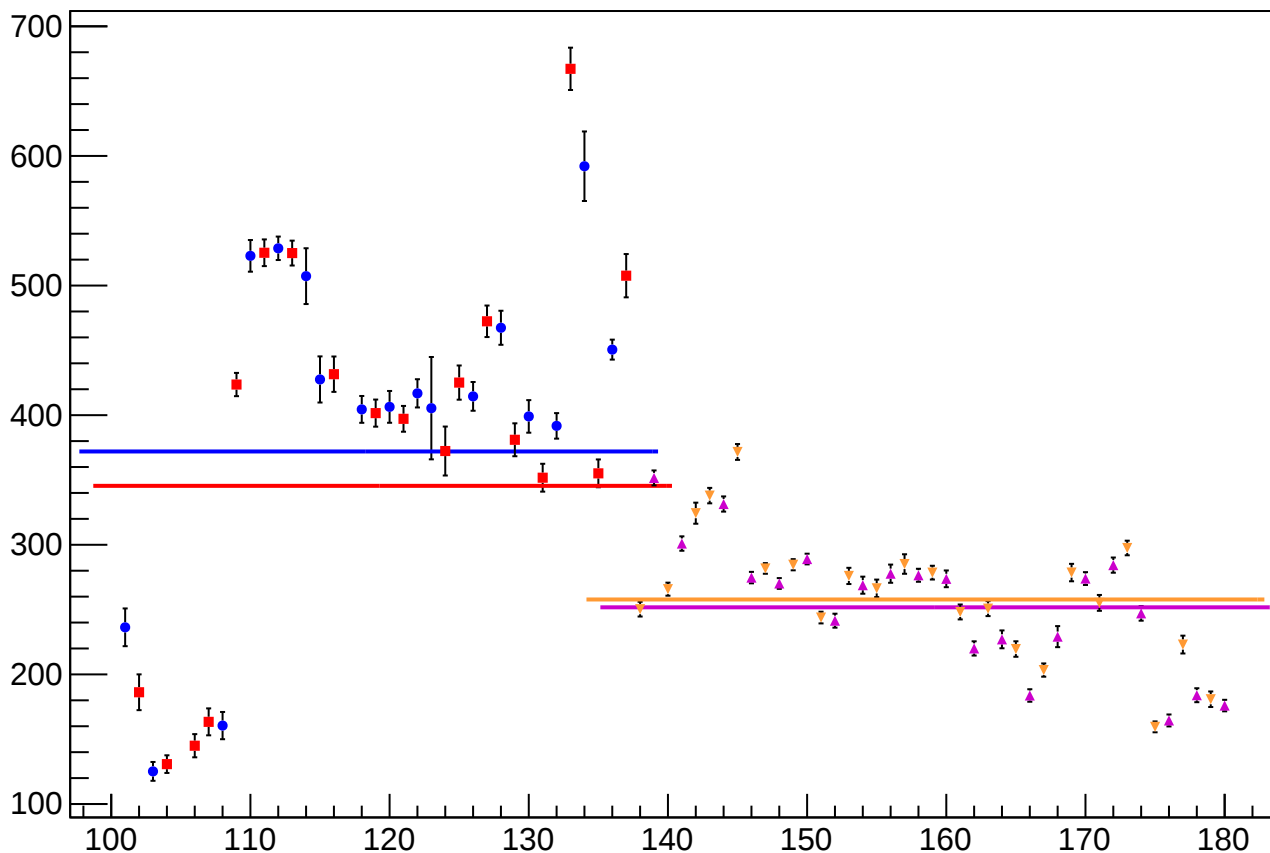
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 2.835 ± 0.750 χ^2/NDF : 726.7/37

Out: 4.731 ± 0.724 χ^2/NDF : 706.1/39

All: 3.816 ± 0.521 χ^2/NDF : 1436.1/77

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: 257.800 $\pm$ 1.182 χ^2 /NDF:1674.6/21

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 251.751 $\pm$ 1.157 χ^2 /NDF:1862.3/20

Left: 254.711 $\pm$ 0.827 χ^2 /NDF: 3550.3/42

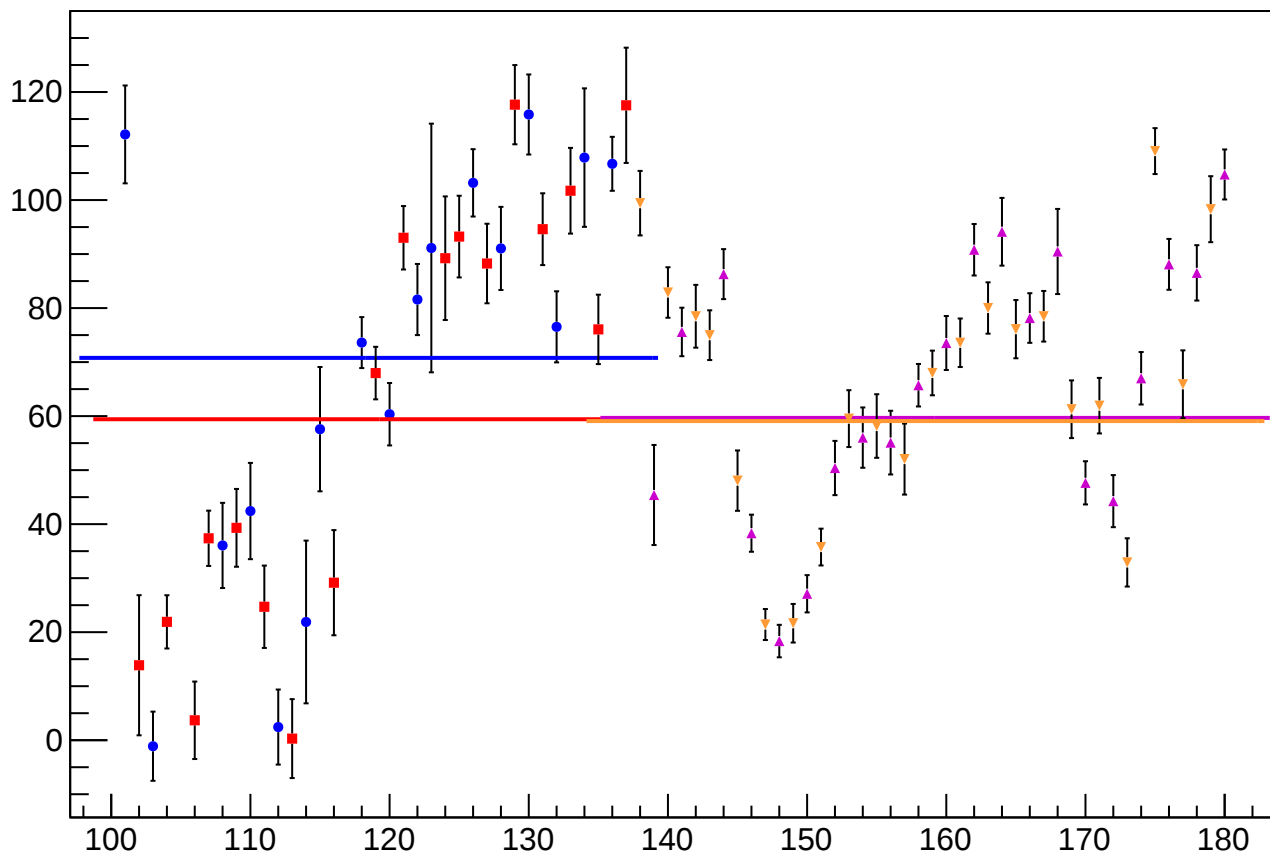
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 269.682 $\pm$ 1.068 χ^2 /NDF:5903.1/37

Out: 273.169 $\pm$ 1.074 χ^2 /NDF:6040.2/39

All: 271.416 $\pm$ 0.757 χ^2 /NDF: 11948.6/77

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: 59.084 $\pm$ 0.990 χ^2 /NDF: 705.4/21

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 59.670 $\pm$ 0.998 χ^2 /NDF: 663.6/20

Left: 59.375 $\pm$ 0.703 χ^2 /NDF: 1369.2/42

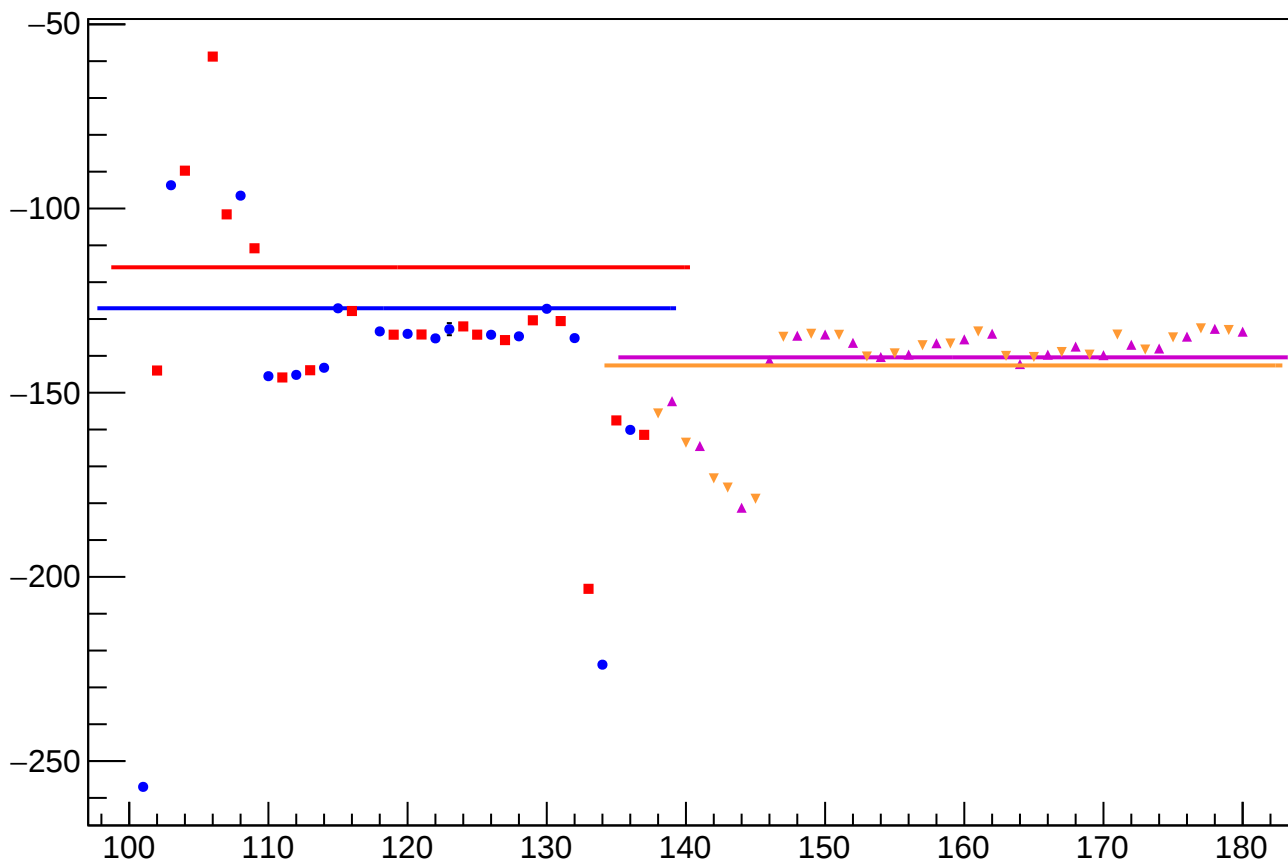
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 62.406 $\pm$ 0.867 χ^2 /NDF: 1118.0/37

Out: 59.175 $\pm$ 0.847 χ^2 /NDF: 1192.0/39

All: 60.753 $\pm$ 0.606 χ^2 /NDF: 2317.2/77

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -142.601+/-0.048 χ^2/NDF : 78461.5/21

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -140.401+/-0.047 χ^2/NDF : 47861.7/20

Left: -141.480+/-0.033 χ^2/NDF : 127405.0/42

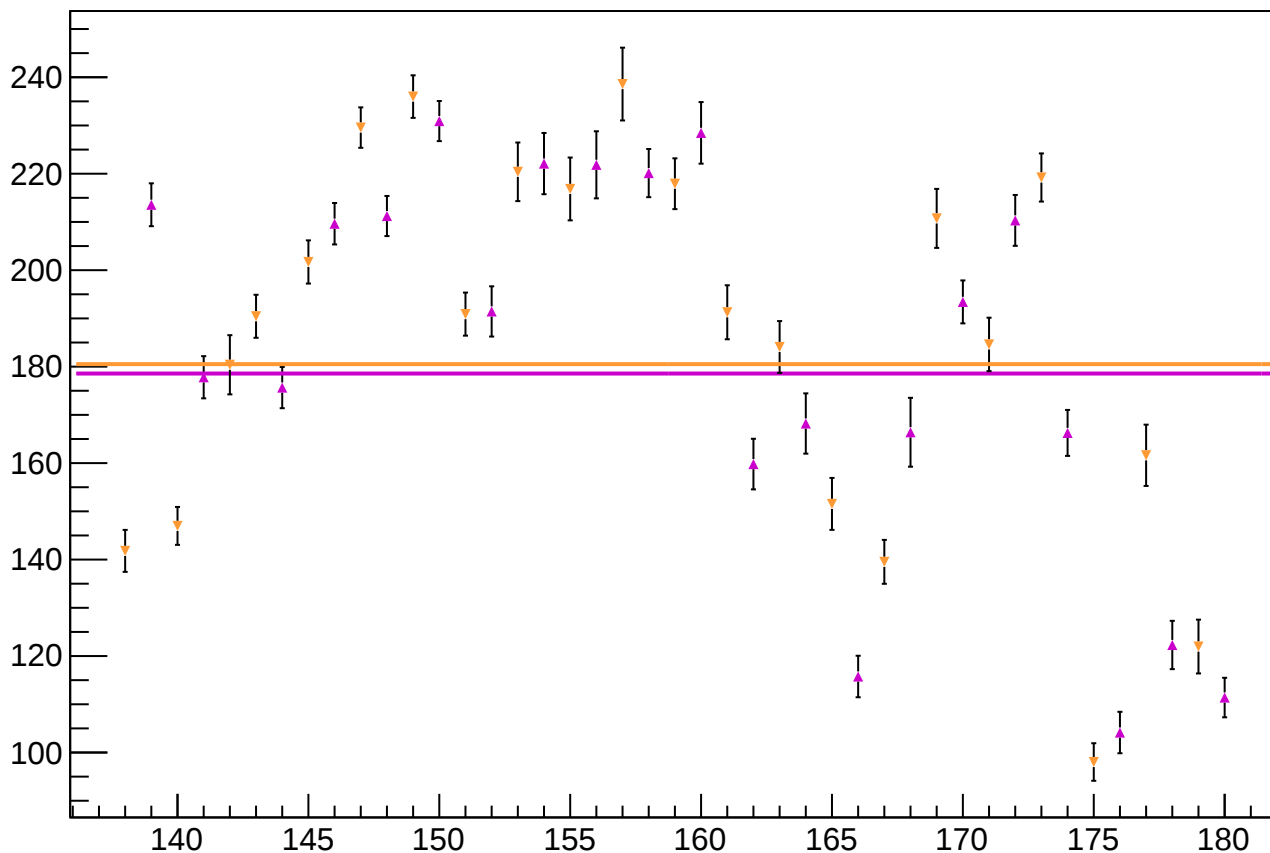
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.538+/-0.041 χ^2/NDF : 232283.5/37

Out: -135.978+/-0.041 χ^2/NDF : 314835.0/39

All: -136.756+/-0.029 χ^2/NDF : 547826.5/77

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: 180.519+/-1.067 χ^2/NDF :1430.6/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Left: 179.537+/-0.751 χ^2/NDF : 2970.4/42

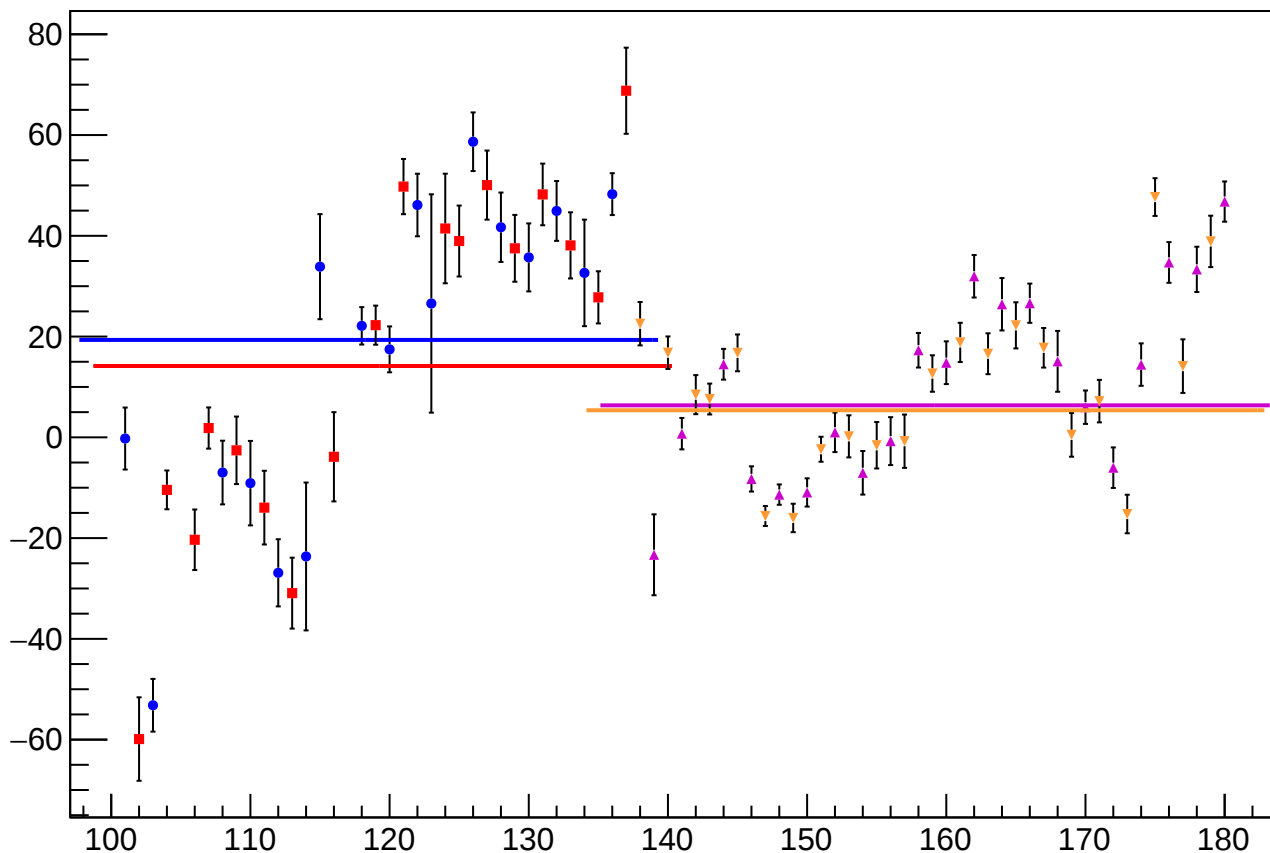
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Out: 180.519+/-1.067 χ^2/NDF :1430.6/21

All: 179.537+/-0.751 χ^2/NDF : 2970.4/42

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: 5.374 ± 0.763 $\chi^2/\text{NDF}: 474.5/21$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 6.351 ± 0.783 $\chi^2/\text{NDF}: 483.1/20$

Left: 5.849 ± 0.546 $\chi^2/\text{NDF}: 958.4/42$

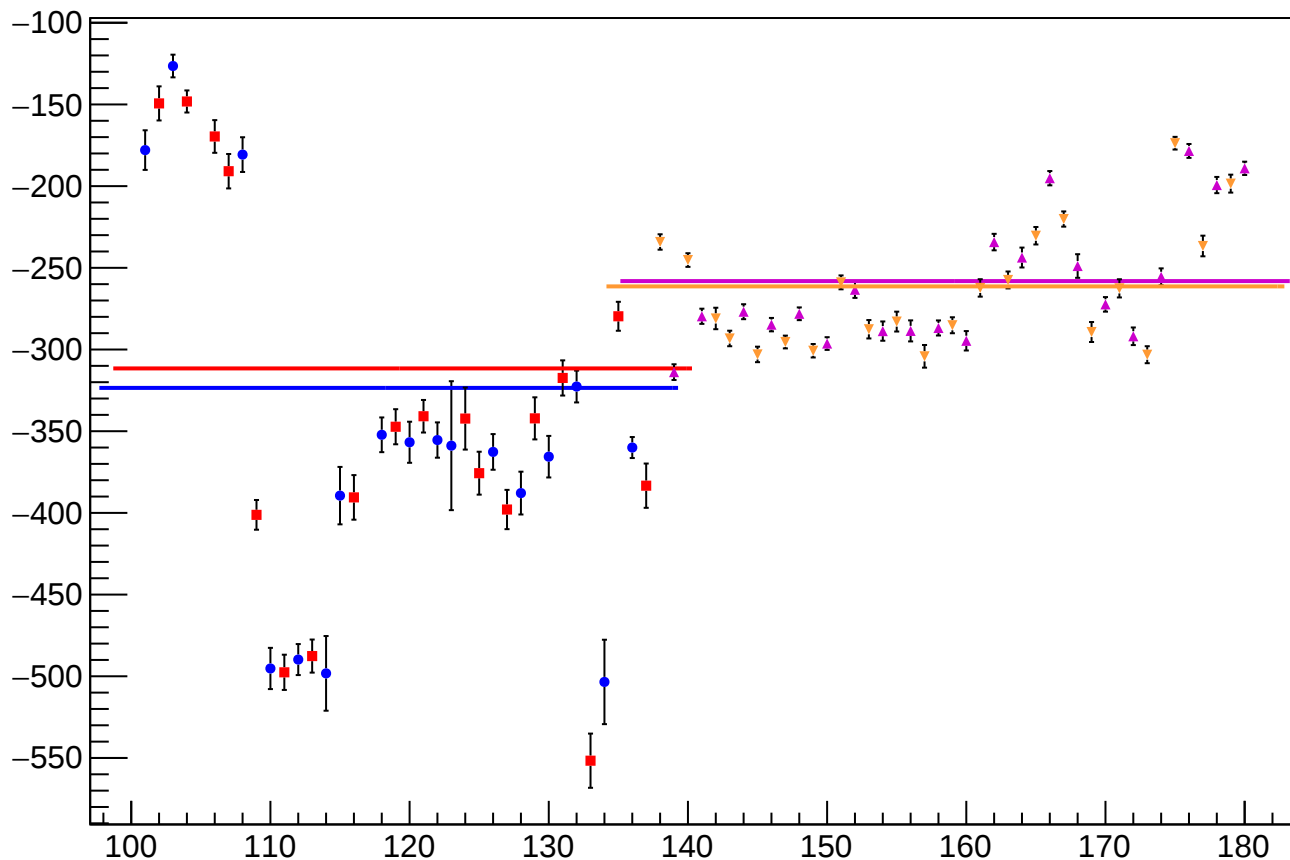
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 9.185 ± 0.692 $\chi^2/\text{NDF}: 982.9/37$

Out: 7.405 ± 0.669 $\chi^2/\text{NDF}: 931.2/39$

All: 8.264 ± 0.481 $\chi^2/\text{NDF}: 1917.5/77$

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: -261.366 ± 1.061 $\chi^2/\text{NDF}: 1294.8/21$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -258.116 ± 1.047 $\chi^2/\text{NDF}: 1528.1/20$

Left: -259.719 ± 0.745 $\chi^2/\text{NDF}: 2827.7/42$

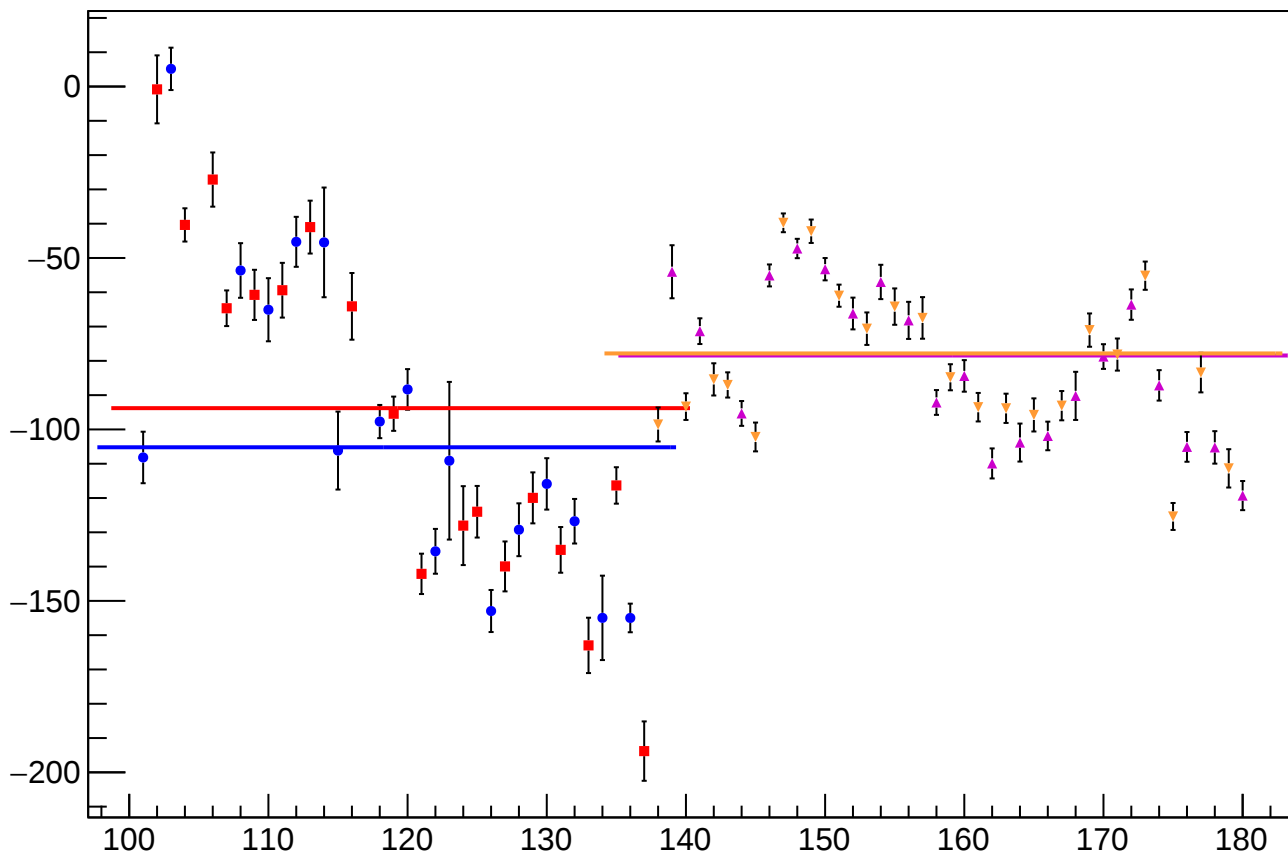
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -266.811 ± 0.975 $\chi^2/\text{NDF}: 3894.4/37$

Out: -268.892 ± 0.978 $\chi^2/\text{NDF}: 3874.2/39$

All: -267.848 ± 0.691 $\chi^2/\text{NDF}: 7770.9/77$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2/NDF : 735.6/16

Left Out: -77.836+/-0.891 χ^2/NDF : 691.0/21

Right Out: -93.793+/-1.611 χ^2/NDF : 815.4/17

Left In: -78.437+/-0.905 χ^2/NDF : 600.0/20

Left: -78.132+/-0.635 χ^2/NDF : 1291.3/42

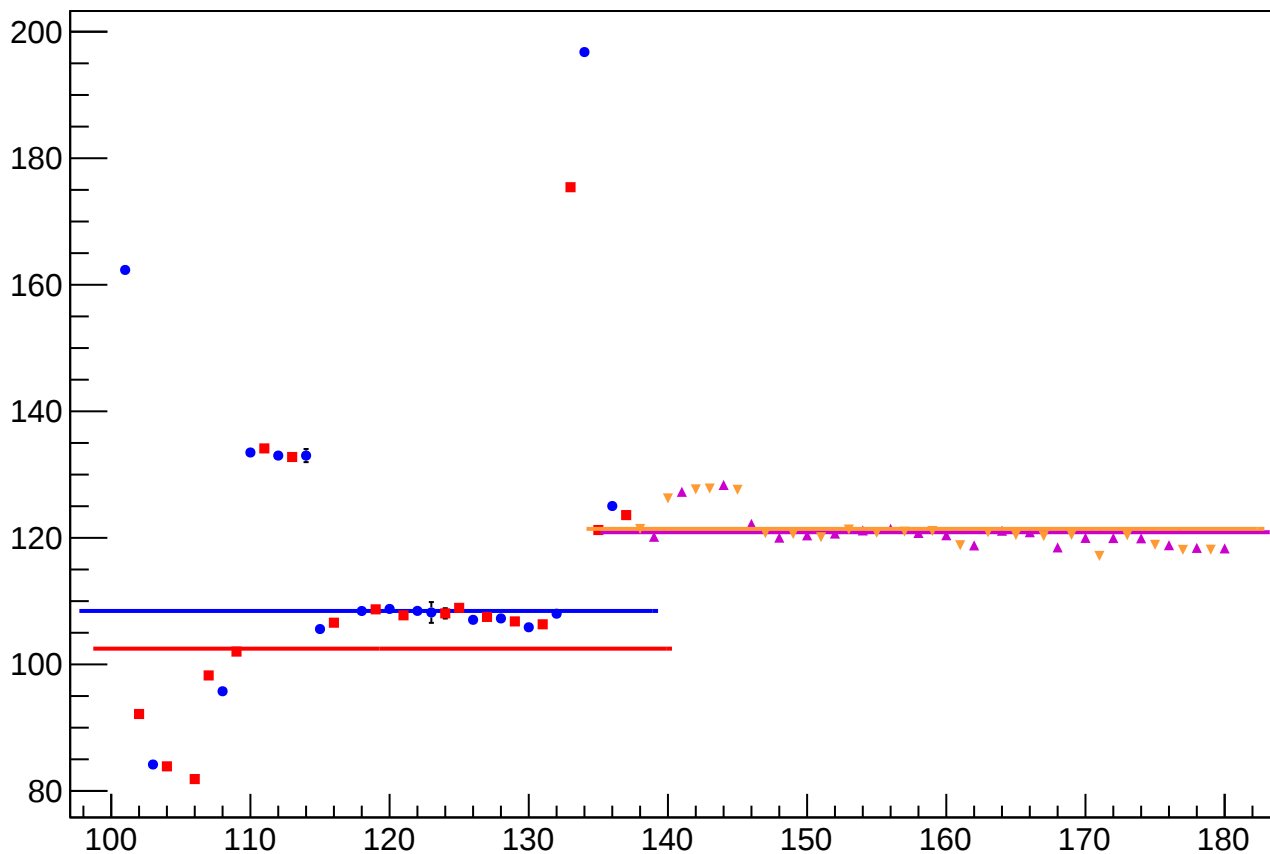
Right: -99.203+/-1.168 χ^2/NDF : 1574.8/34

In: -84.368+/-0.799 χ^2/NDF : 1529.4/37

Out: -81.575+/-0.780 χ^2/NDF : 1581.6/39

All: -82.938+/-0.558 χ^2/NDF : 3117.2/77

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: 121.422 $\pm$ 0.043 χ^2 /NDF: 4824.6/21

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 120.893 $\pm$ 0.042 χ^2 /NDF: 3322.3/20

Left: 121.154 $\pm$ 0.030 χ^2 /NDF: 8224.3/42

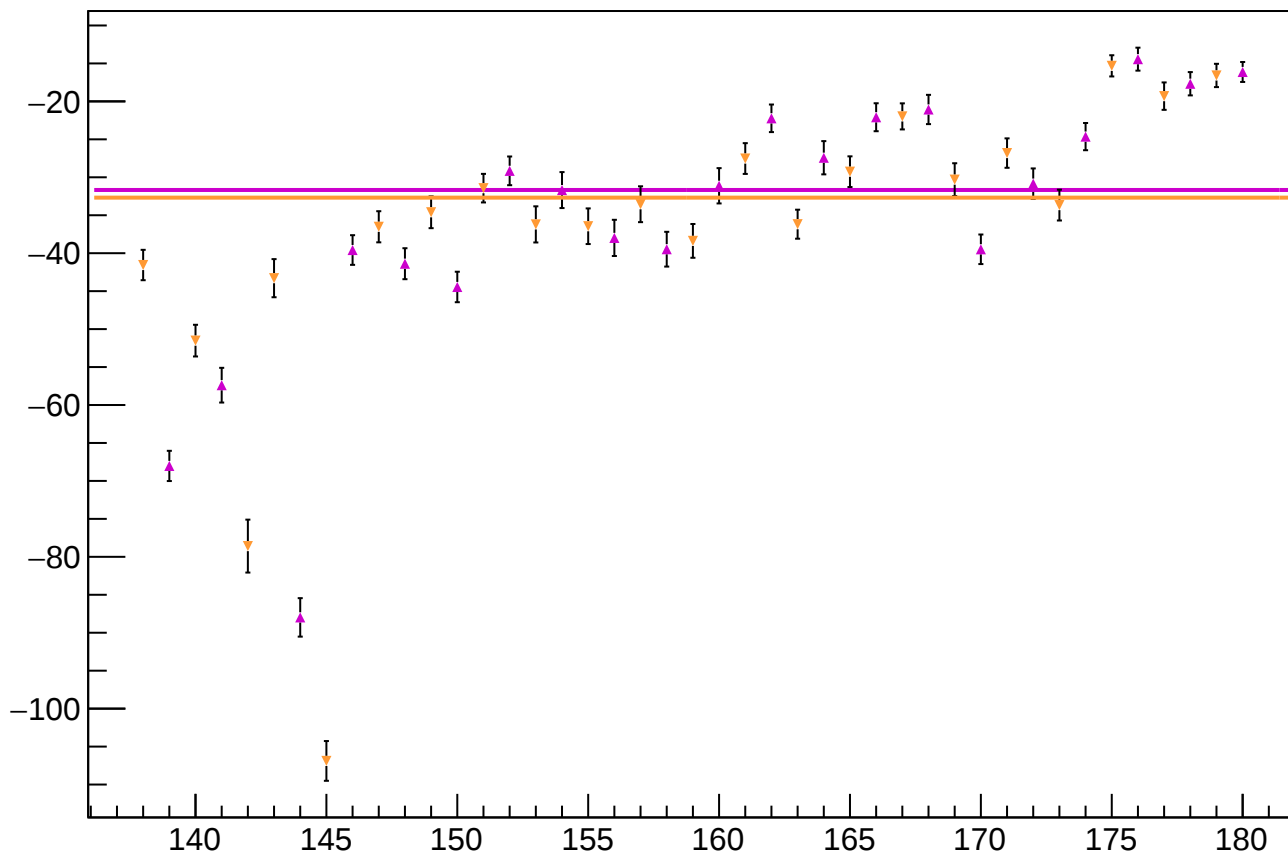
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.413 $\pm$ 0.038 χ^2 /NDF: 93835.8/37

Out: 117.180 $\pm$ 0.038 χ^2 /NDF: 101624.7/39

All: 117.794 $\pm$ 0.027 χ^2 /NDF: 195993.5/77

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.681+/-0.429 χ^2/NDF :1493.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Left: -32.163+/-0.300 χ^2/NDF : 3021.4/42

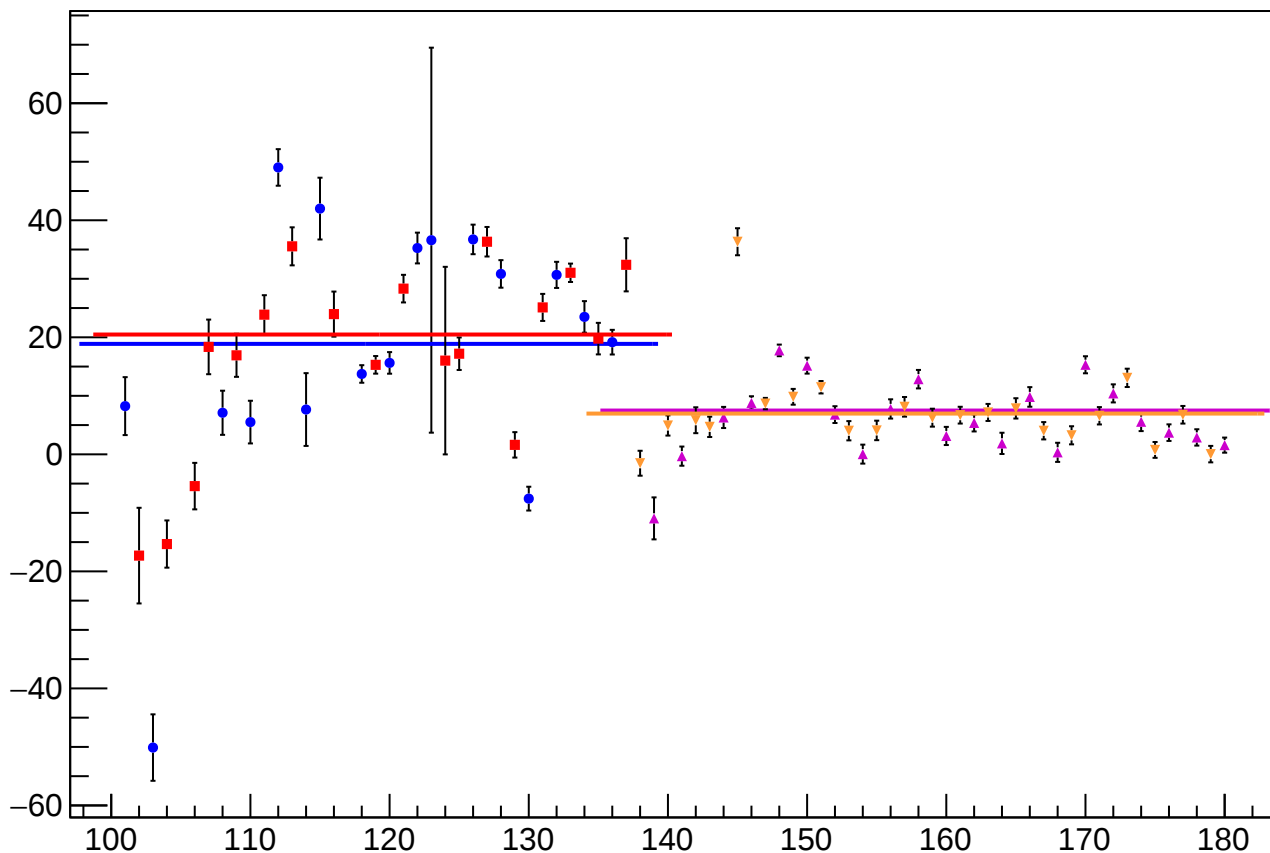
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Out: -32.681+/-0.429 χ^2/NDF :1493.0/21

All: -32.163+/-0.300 χ^2/NDF : 3021.4/42

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 6.966 ± 0.319 χ^2/NDF : 283.7/21

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 7.483 ± 0.324 χ^2/NDF : 336.0/20

Left: 7.221 ± 0.227 χ^2/NDF : 621.1/42

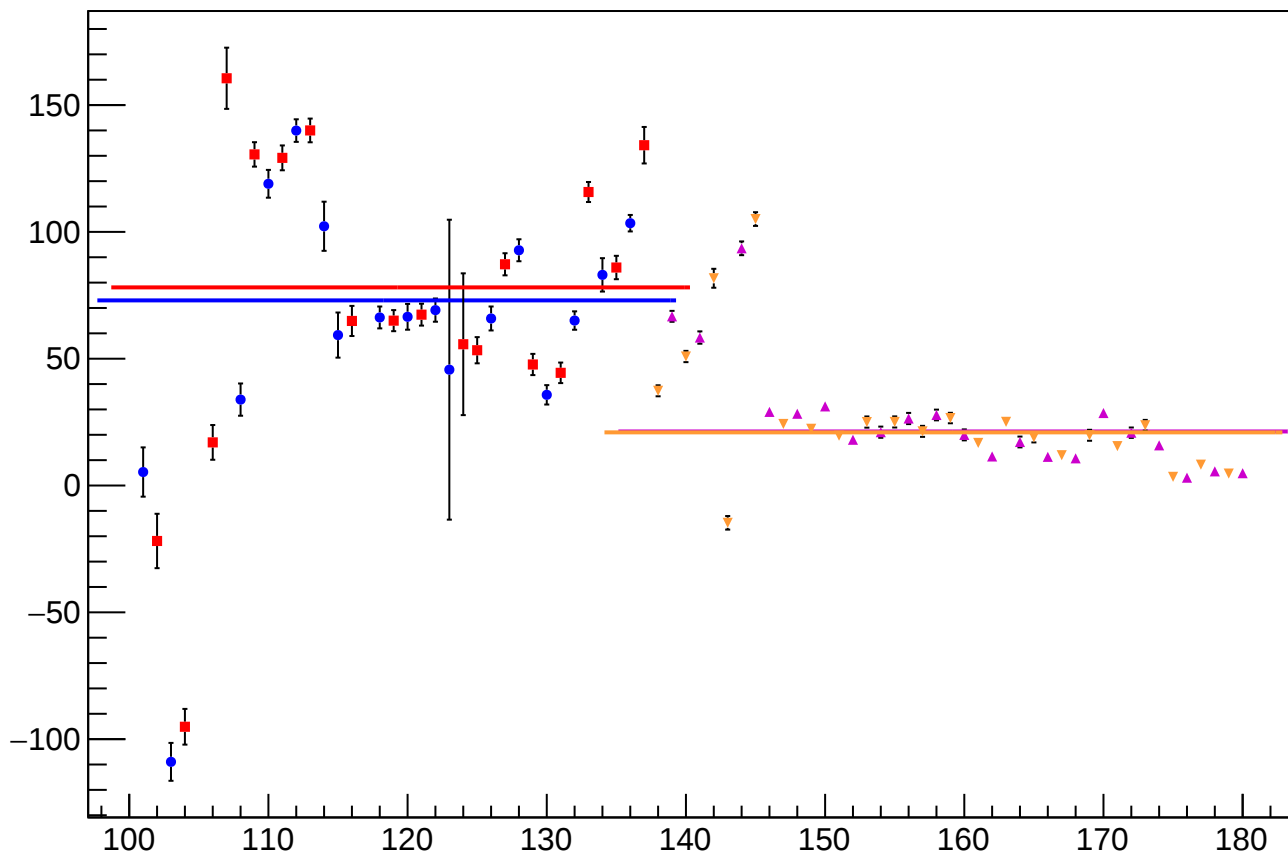
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 9.780 ± 0.289 χ^2/NDF : 1206.0/37

Out: 9.636 ± 0.286 χ^2/NDF : 999.7/39

All: 9.707 ± 0.203 χ^2/NDF : 2205.8/77

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: 20.957 $\pm$ 0.424 χ^2 /NDF:2037.1/21

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 21.313 $\pm$ 0.414 χ^2 /NDF:1990.3/20

Left: 21.140 $\pm$ 0.296 χ^2 /NDF: 4027.7/42

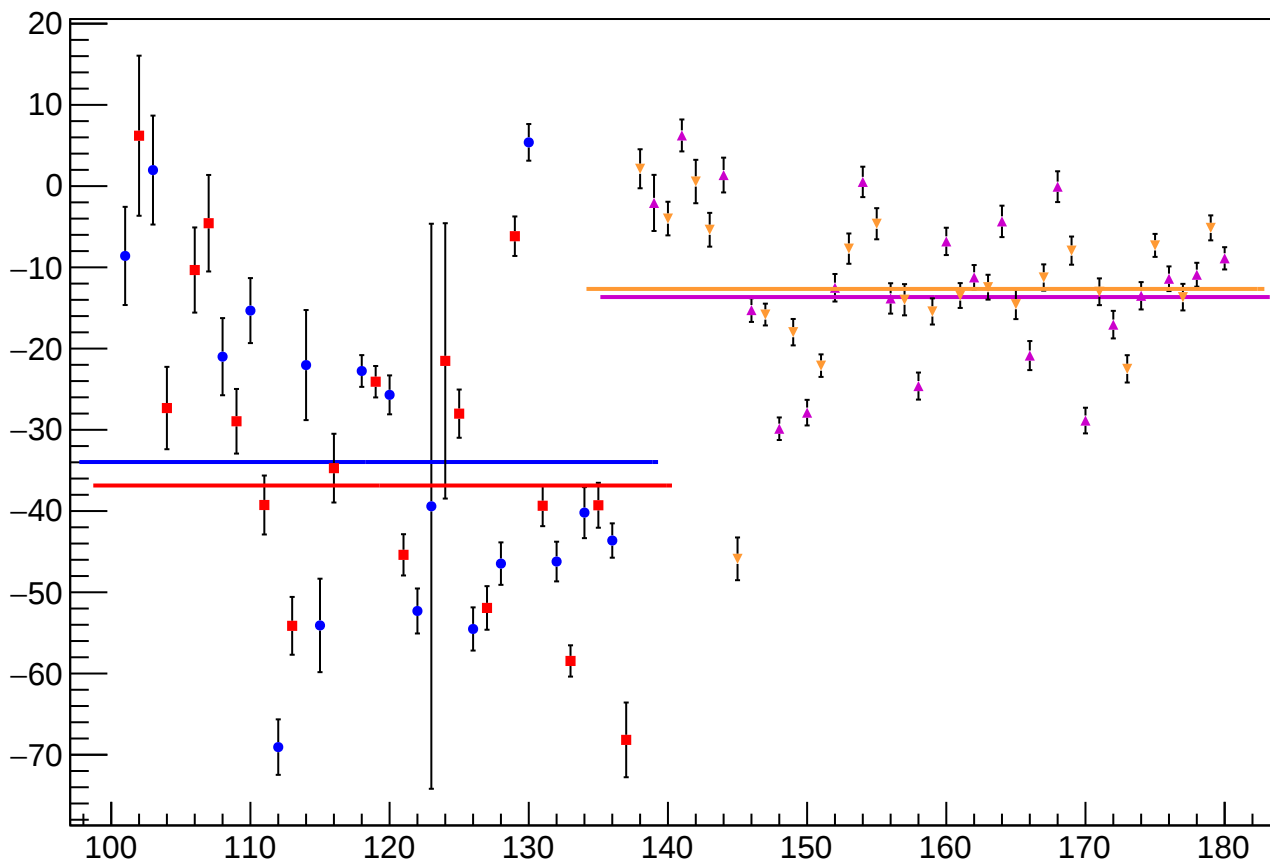
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 26.569 $\pm$ 0.392 χ^2 /NDF:4781.5/37

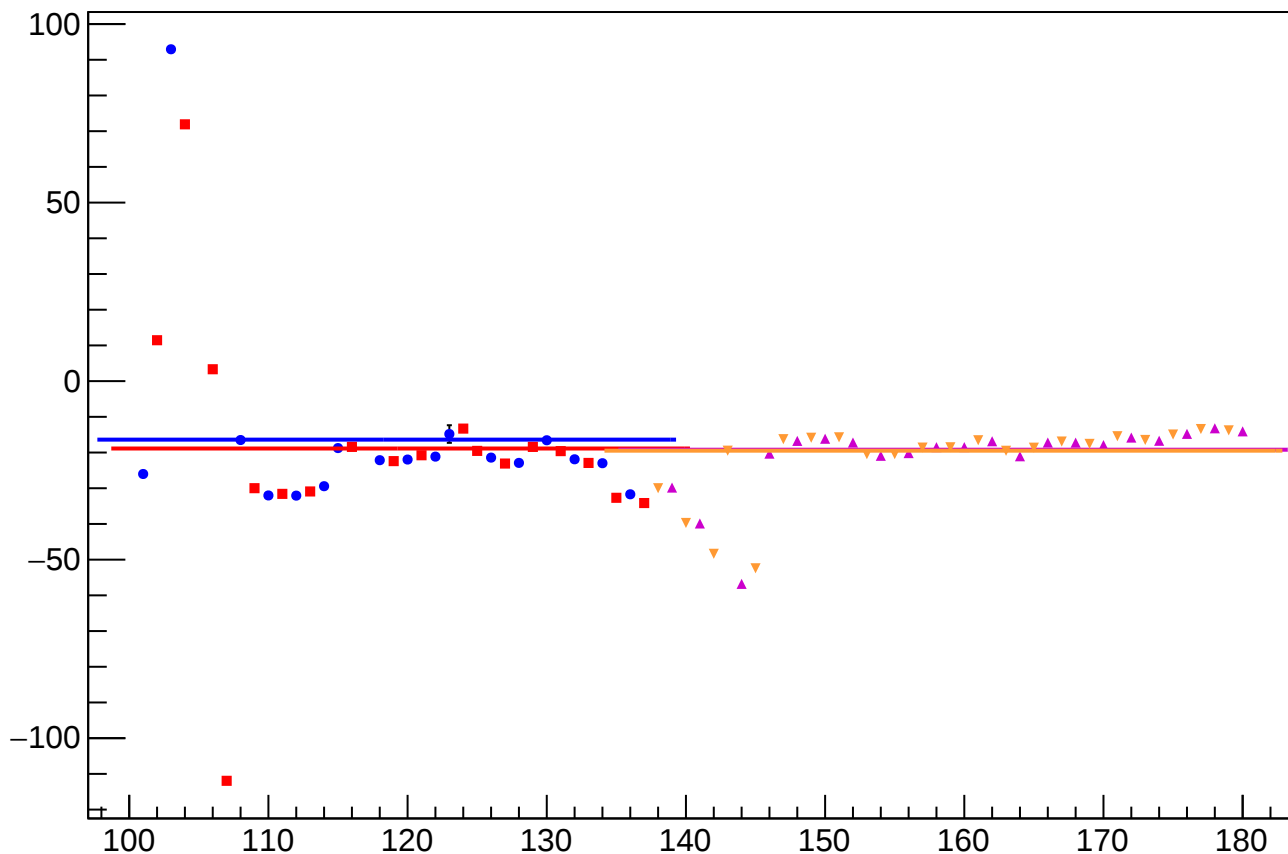
Out: 27.088 $\pm$ 0.401 χ^2 /NDF:5531.4/39

All: 26.823 $\pm$ 0.280 χ^2 /NDF: 10313.7/77

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -19.479 ± 0.017 $\chi^2/\text{NDF}: 224416.7/21$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -19.210 ± 0.017 $\chi^2/\text{NDF}: 192601.6/20$

Left: -19.342 ± 0.012 $\chi^2/\text{NDF}: 417146.5/42$

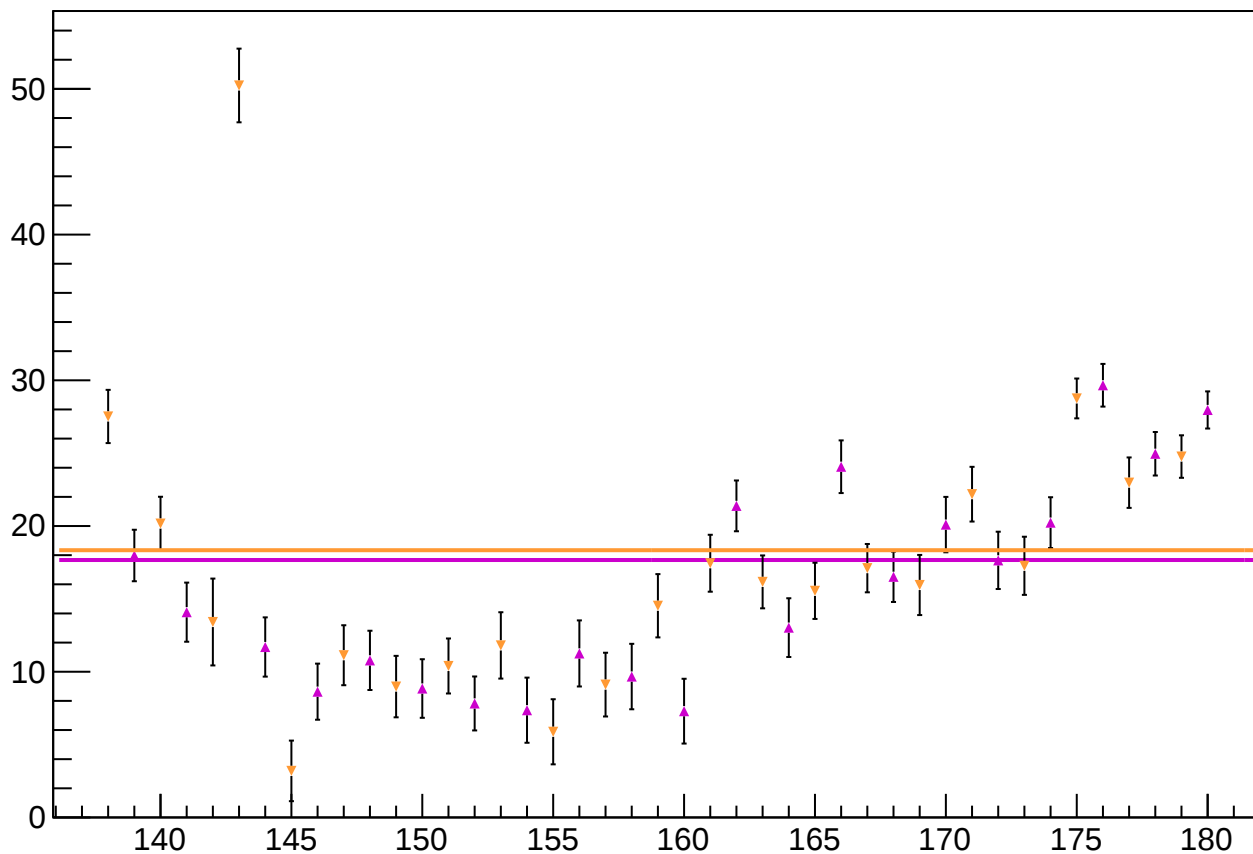
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -18.861 ± 0.016 $\chi^2/\text{NDF}: 670432.7/37$

Out: -19.405 ± 0.016 $\chi^2/\text{NDF}: 657946.0/39$

All: -19.129 ± 0.011 $\chi^2/\text{NDF}: 1328974.8/77$

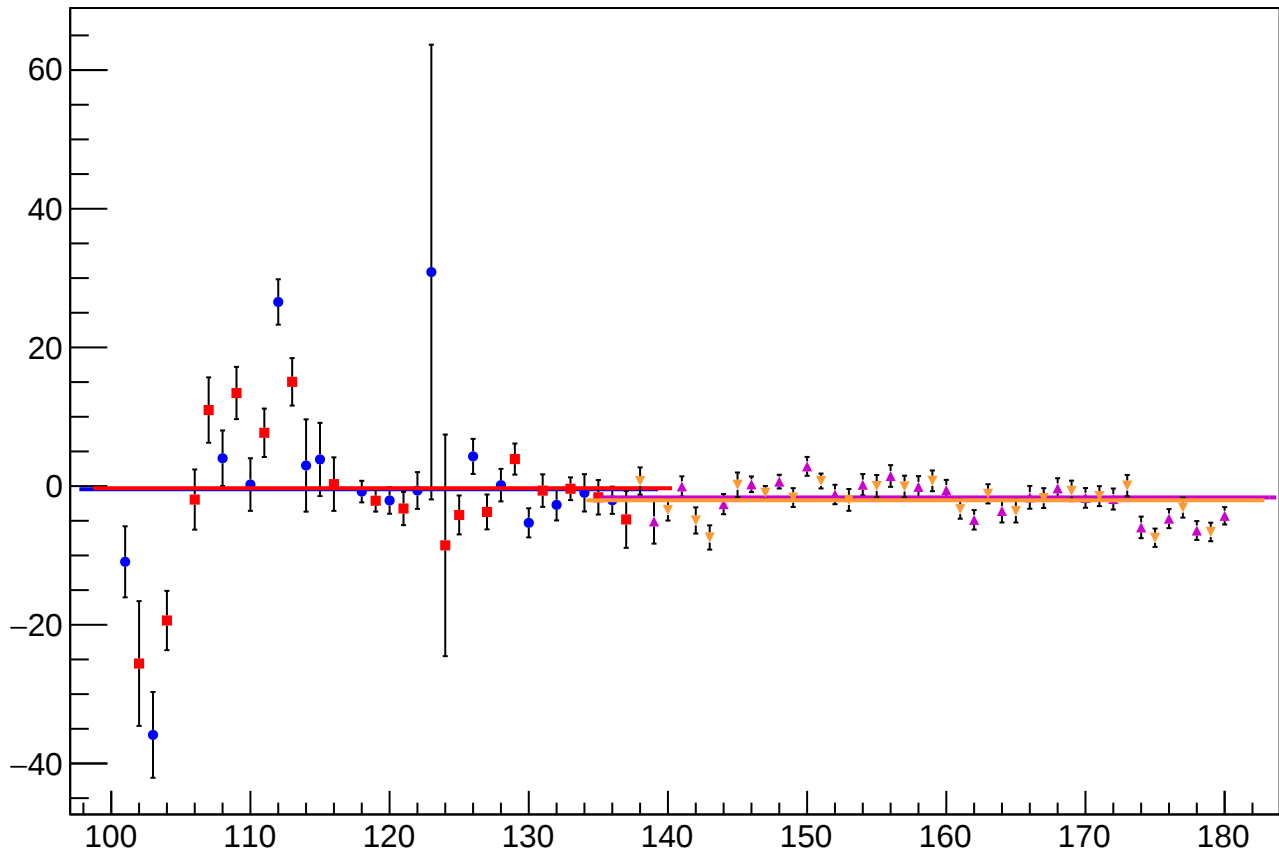
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 18.340+/-0.410 χ^2/NDF :445.9/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.667+/-0.400 χ^2/NDF :339.3/20

Left: 17.996+/-0.286 χ^2/NDF : 786.5/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.667+/-0.400 χ^2/NDF :339.3/20
 Out: 18.340+/-0.410 χ^2/NDF :445.9/21
 All: 17.996+/-0.286 χ^2/NDF : 786.5/42

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: -2.044 ± 0.307 χ^2/NDF : 65.0/21

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.631 ± 0.311 χ^2/NDF : 65.6/20

Left: -1.840 ± 0.218 χ^2/NDF : 131.6/42

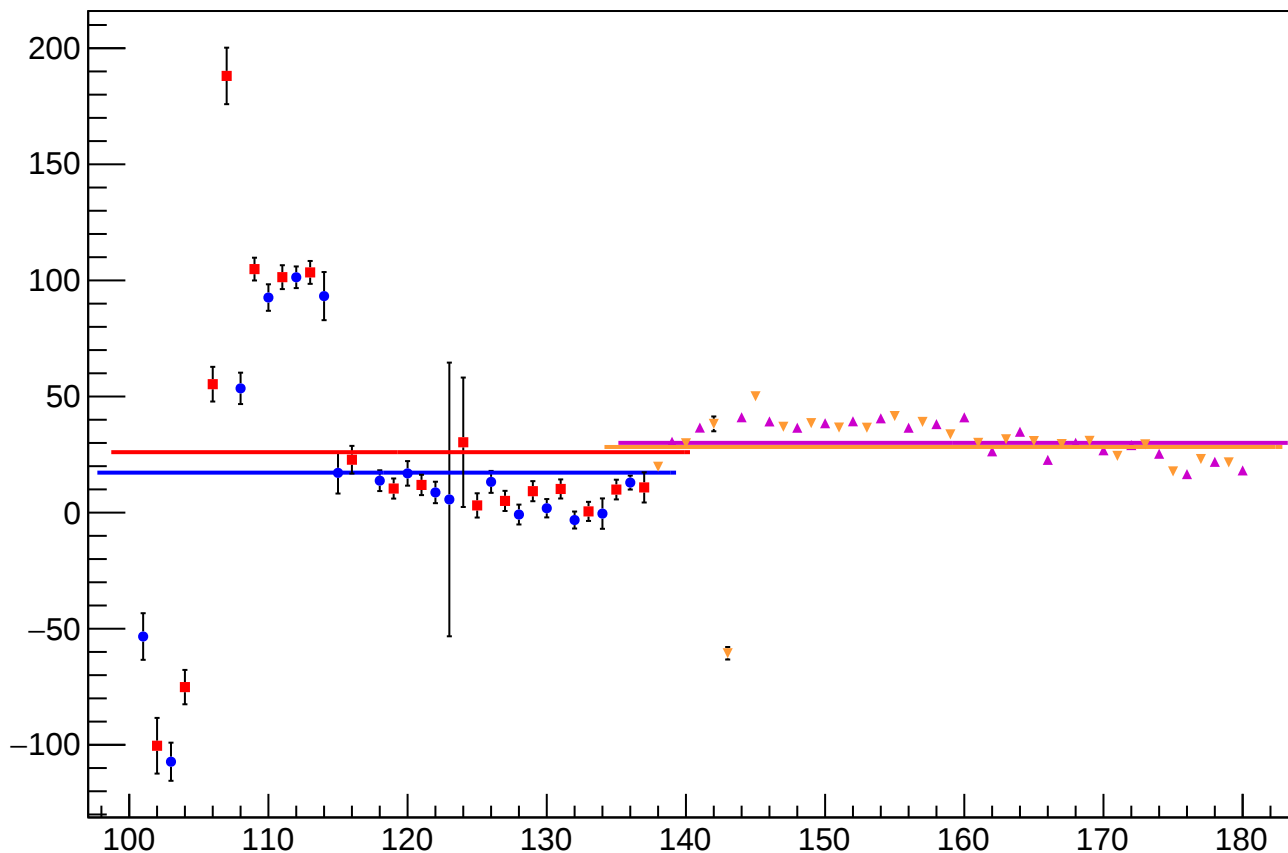
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.414 ± 0.281 χ^2/NDF : 187.8/37

Out: -1.732 ± 0.278 χ^2/NDF : 154.9/39

All: -1.575 ± 0.198 χ^2/NDF : 343.4/77

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 28.271 ± 0.406 $\chi^2/\text{NDF}: 1478.6/21$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 30.041 ± 0.396 $\chi^2/\text{NDF}: 438.4/20$

Left: 29.178 ± 0.283 $\chi^2/\text{NDF}: 1926.7/42$

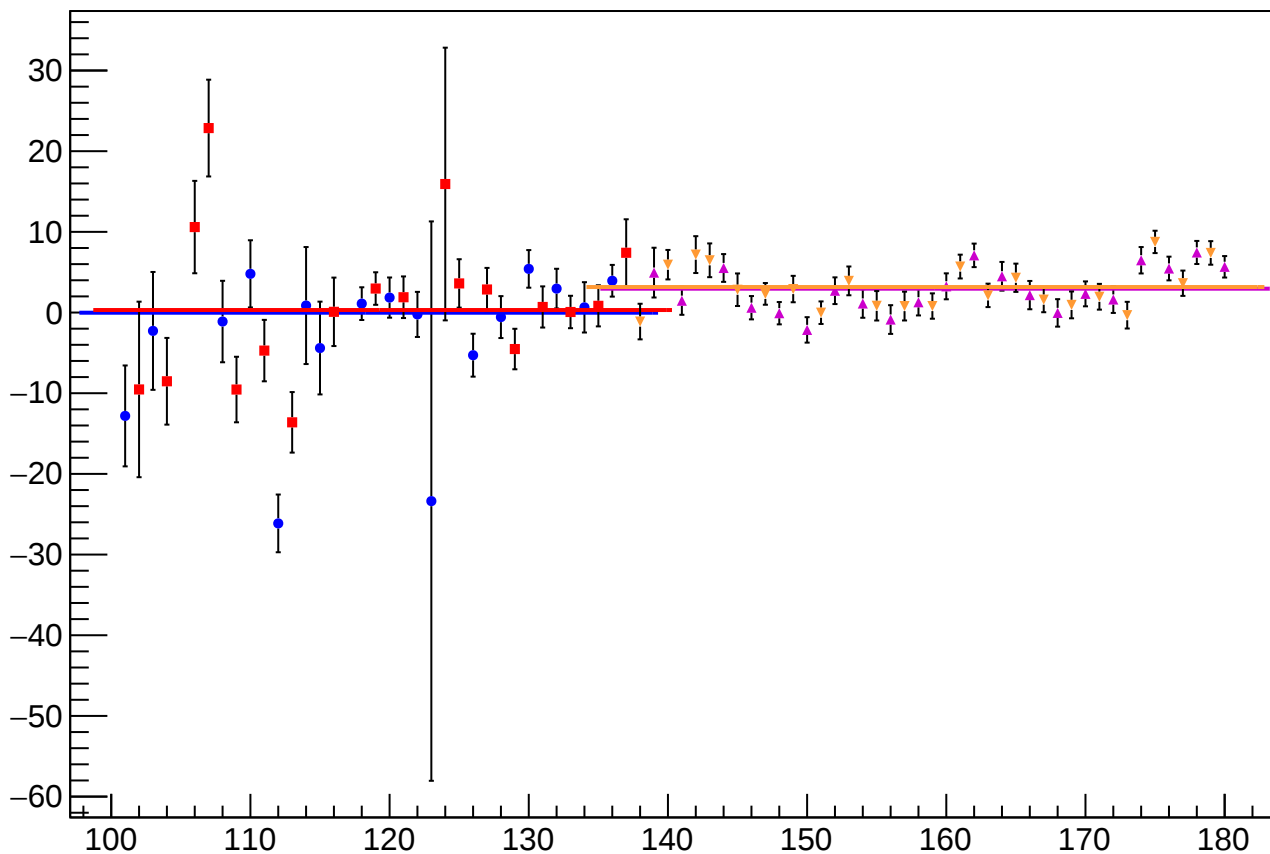
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 28.858 ± 0.377 $\chi^2/\text{NDF}: 1475.4/37$

Out: 28.056 ± 0.386 $\chi^2/\text{NDF}: 2847.5/39$

All: 28.466 ± 0.270 $\chi^2/\text{NDF}: 4325.1/77$

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: 3.162 ± 0.351 χ^2/NDF : 59.6/21

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.956 ± 0.352 χ^2/NDF : 62.6/20

Left: 3.059 ± 0.249 χ^2/NDF : 122.3/42

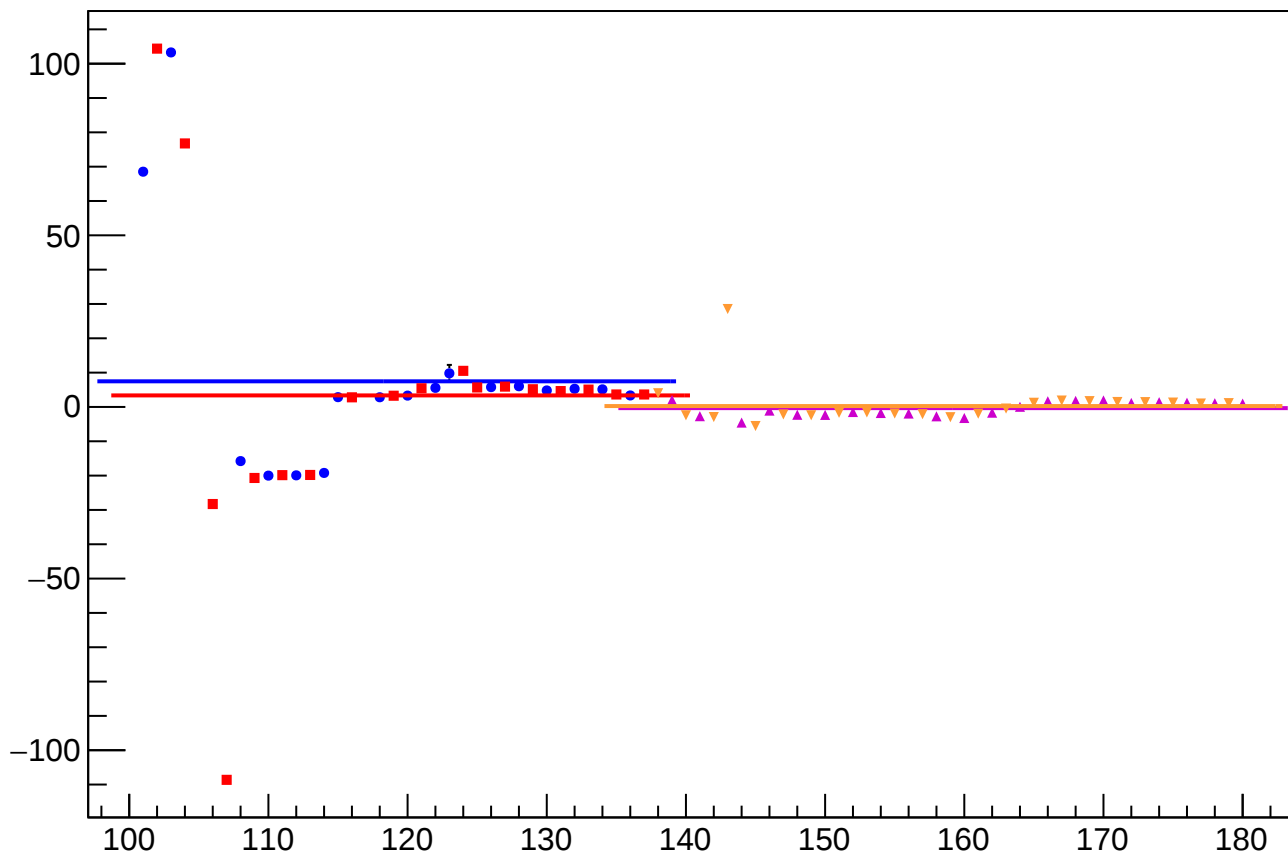
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.412 ± 0.318 χ^2/NDF : 151.5/37

Out: 2.650 ± 0.318 χ^2/NDF : 125.5/39

All: 2.531 ± 0.225 χ^2/NDF : 277.3/77

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.259 $\pm$ 0.016 χ^2 /NDF: 87110.5/21

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -0.342 $\pm$ 0.016 χ^2 /NDF: 14496.6/20

Left: -0.046 $\pm$ 0.011 χ^2 /NDF: 102309.6/42

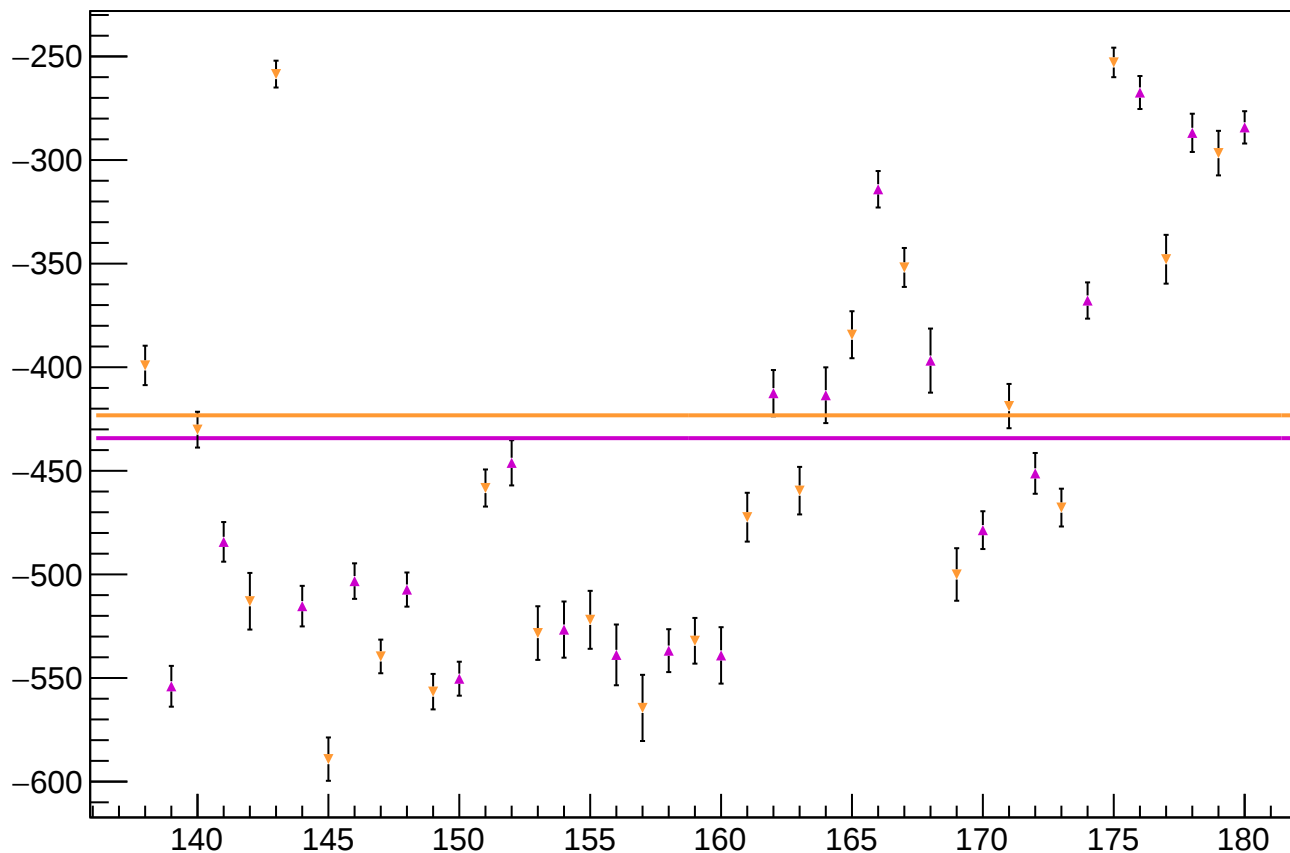
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.544 $\pm$ 0.015 χ^2 /NDF: 397724.2/37

Out: 0.605 $\pm$ 0.015 χ^2 /NDF: 596036.7/39

All: 0.574 $\pm$ 0.011 χ^2 /NDF: 993769.0/77

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: -423.217+/-2.114 χ^2/NDF :2611.8/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -434.240+/-2.141 χ^2/NDF :2190.3/20

Left: -428.658+/-1.504 χ^2/NDF : 4815.5/42

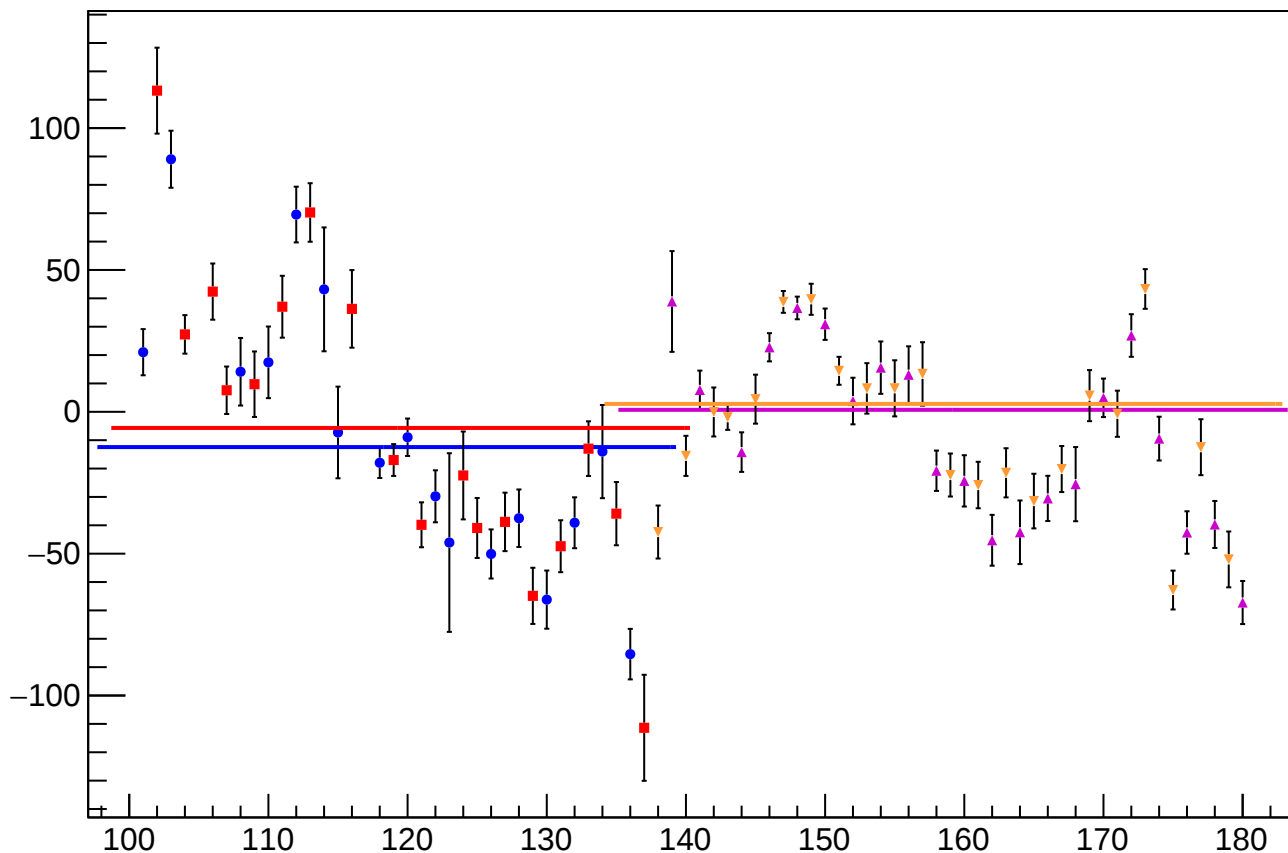
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -434.240+/-2.141 χ^2/NDF :2190.3/20

Out: -423.217+/-2.114 χ^2/NDF :2611.8/21

All: -428.658+/-1.504 χ^2/NDF : 4815.5/42

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 2.787 $\pm$ 1.502 χ^2/NDF :382.0/21

Right Out: -5.686 $\pm$ -2.263 χ^2/NDF : 333.7/17

Left In: 0.697 $\pm$ -1.586 χ^2/NDF :373.7/20

Left: 1.798 $\pm$ -1.091 χ^2/NDF : 756.6/42

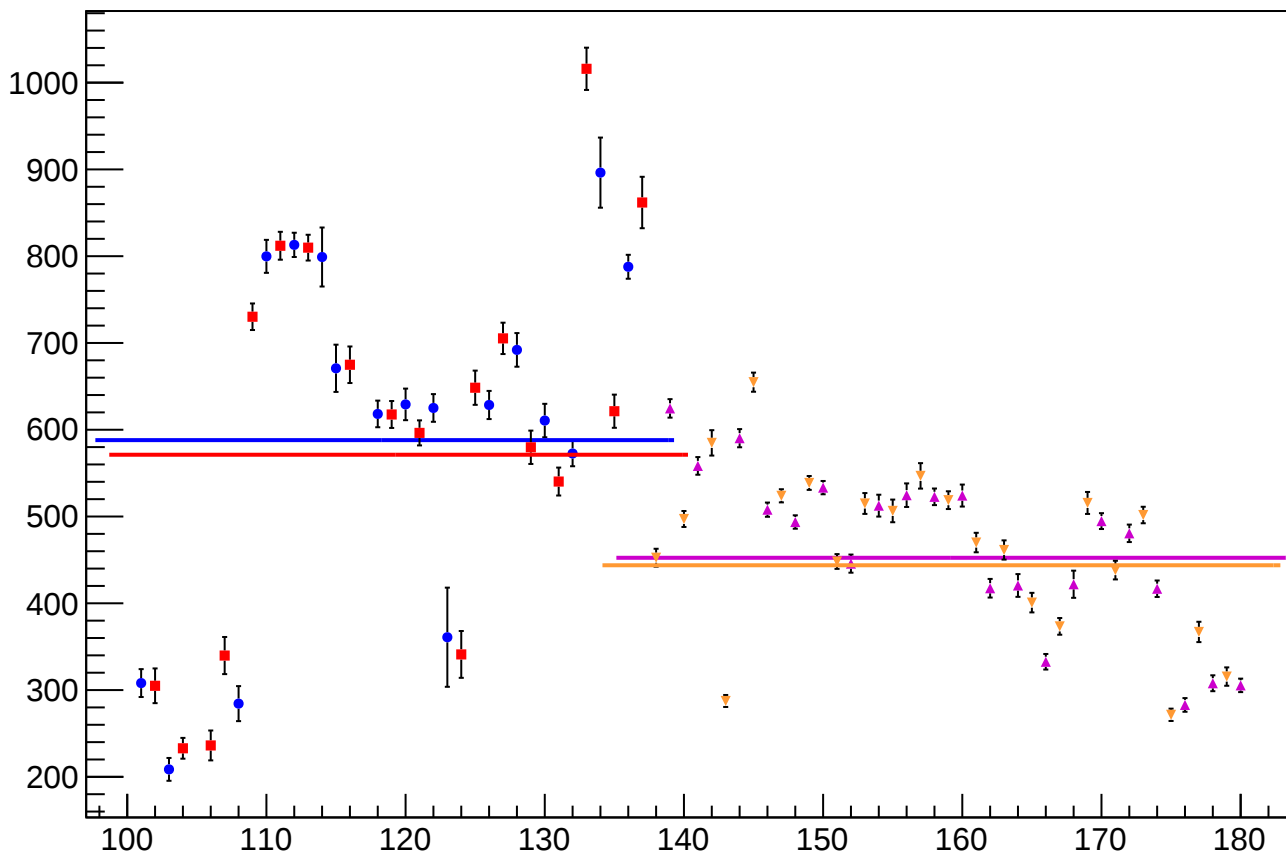
Right: -8.982 $\pm$ -1.618 χ^2/NDF : 678.2/34

In: -3.495 $\pm$ -1.308 χ^2/NDF :735.8/37

Out: 0.195 $\pm$ -1.252 χ^2/NDF :725.4/39

All: -1.568 $\pm$ -0.904 χ^2/NDF : 1465.3/77

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: 443.819 $\pm$ 2.106 χ^2/NDF :2342.3/21

Right Out: 571.196 $\pm$ 4.151 χ^2/NDF : 2680.4/17

Left In: 452.444 $\pm$ 2.118 χ^2/NDF :2178.6/20

Left: 448.106 $\pm$ 1.493 χ^2/NDF : 4529.3/42

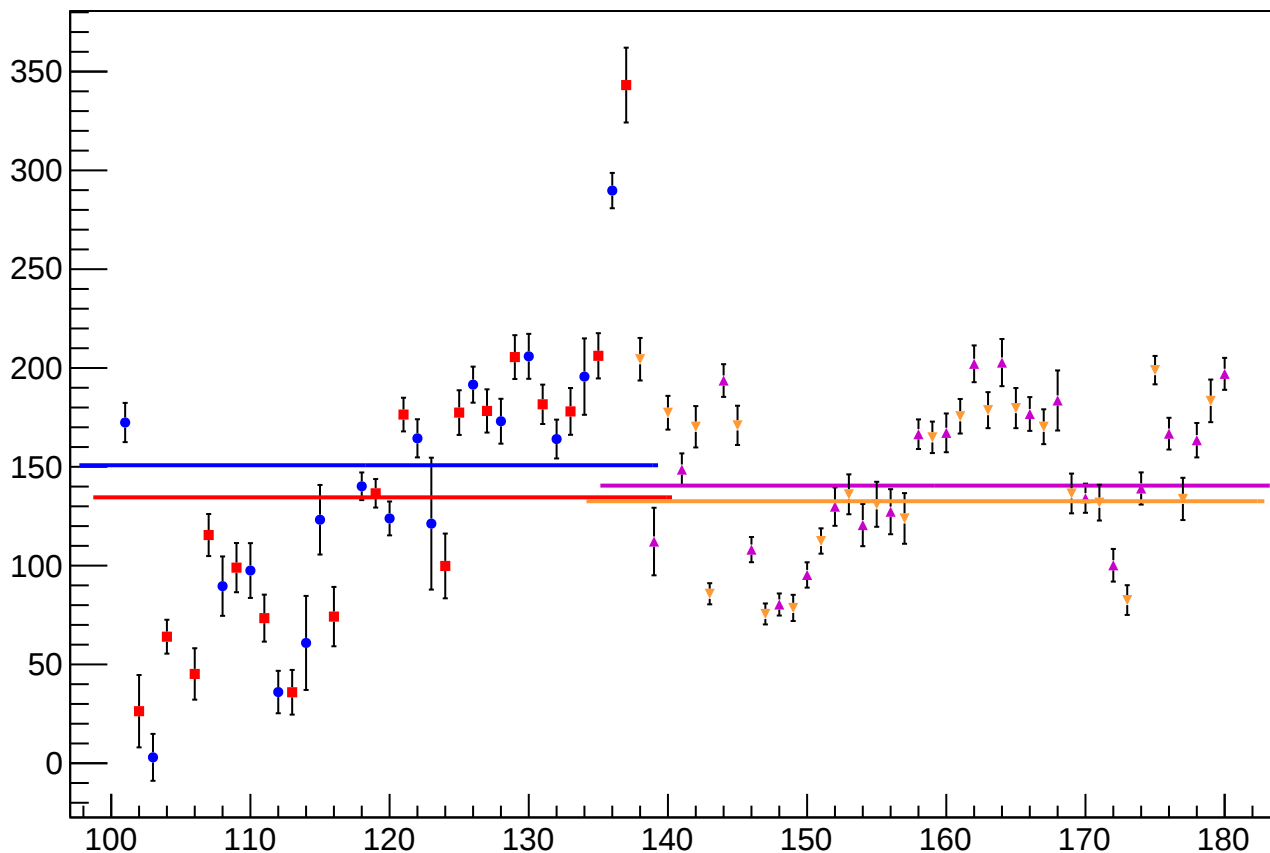
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 478.633 $\pm$ 1.902 χ^2/NDF :5097.9/37

Out: 469.893 $\pm$ 1.878 χ^2/NDF :5771.7/39

All: 474.206 $\pm$ 1.336 χ^2/NDF : 10880.3/77

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: 132.585 $\pm$ 1.760 χ^2/NDF : 626.9/21

Right Out: 134.549 $\pm$ 2.619 χ^2/NDF : 576.2/17

Left In: 140.486 $\pm$ 1.832 χ^2/NDF : 450.4/20

Left: 136.377 $\pm$ 1.269 χ^2/NDF : 1087.0/42

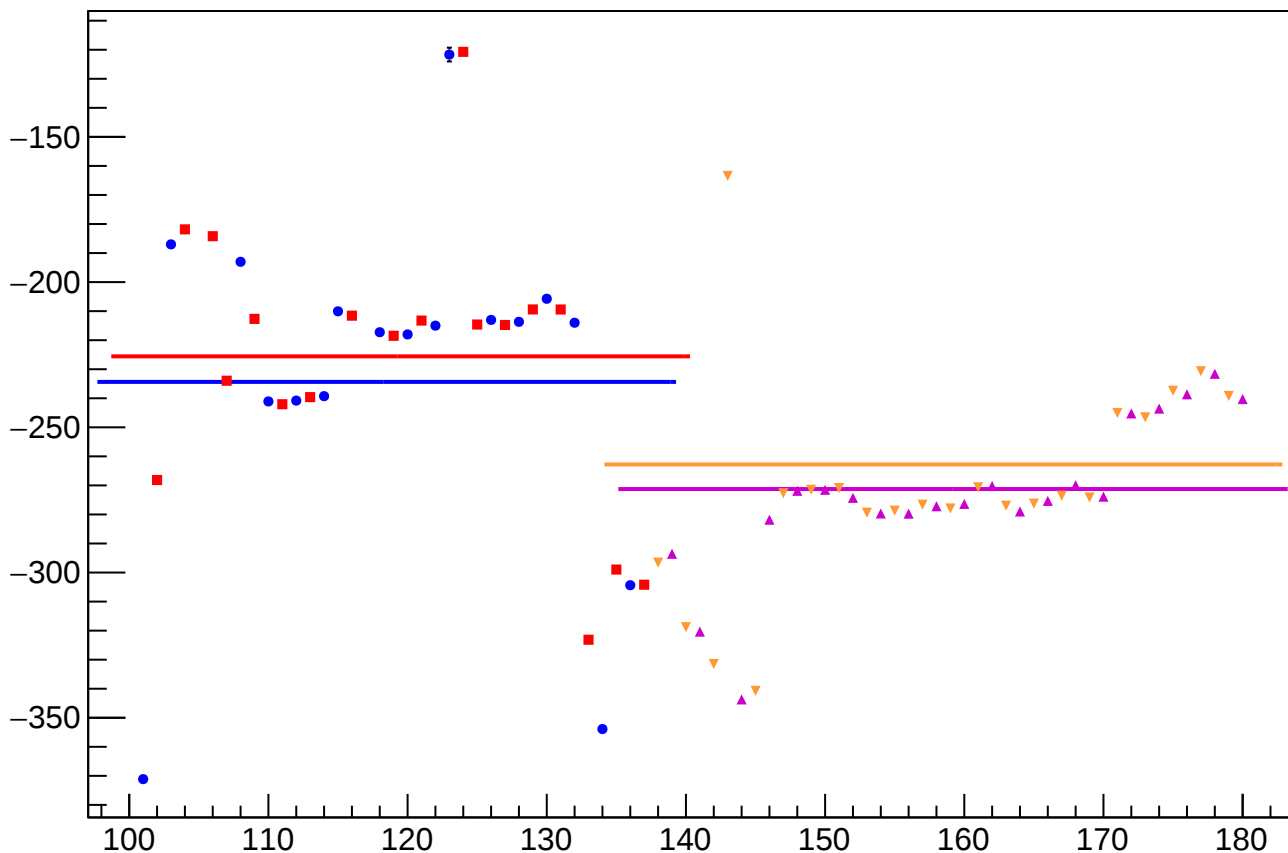
Right: 142.483 $\pm$ 1.873 χ^2/NDF : 1228.1/34

In: 143.768 $\pm$ 1.513 χ^2/NDF : 1093.6/37

Out: 133.196 $\pm$ 1.461 χ^2/NDF : 1203.5/39

All: 138.299 $\pm$ 1.051 χ^2/NDF : 2322.4/77

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: -262.777+/-0.085 χ^2/NDF : 227076.8/21

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -271.246+/-0.086 χ^2/NDF : 80048.3/20

Left: -266.976+/-0.061 χ^2/NDF : 312014.2/42

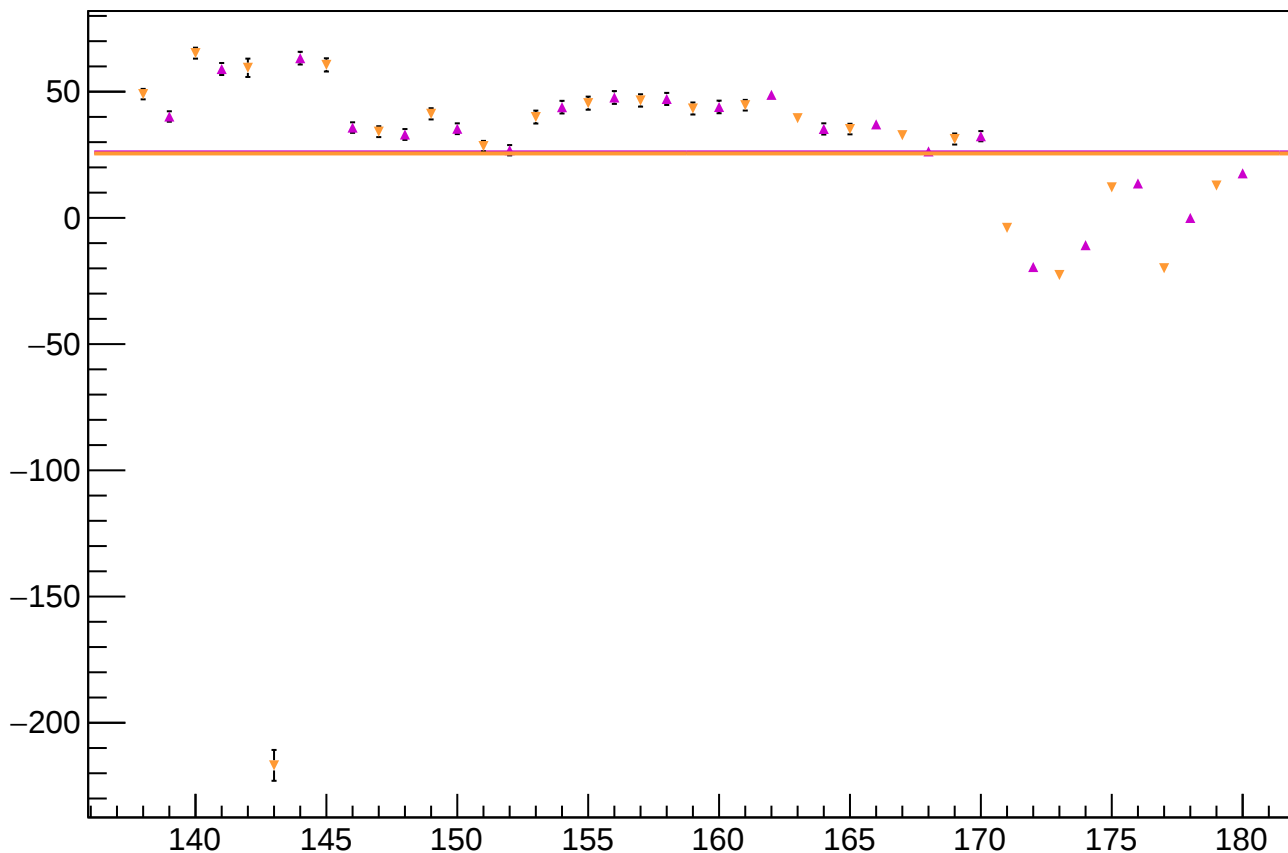
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -261.978+/-0.074 χ^2/NDF : 271416.8/37

Out: -252.902+/-0.073 χ^2/NDF : 370546.2/39

All: -257.359+/-0.052 χ^2/NDF : 649530.7/77

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 25.524+/-0.447 χ^2/NDF : 4368.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 25.946+/-0.426 χ^2/NDF : 2393.3/20

Left: 25.745+/-0.308 χ^2/NDF : 6762.3/42

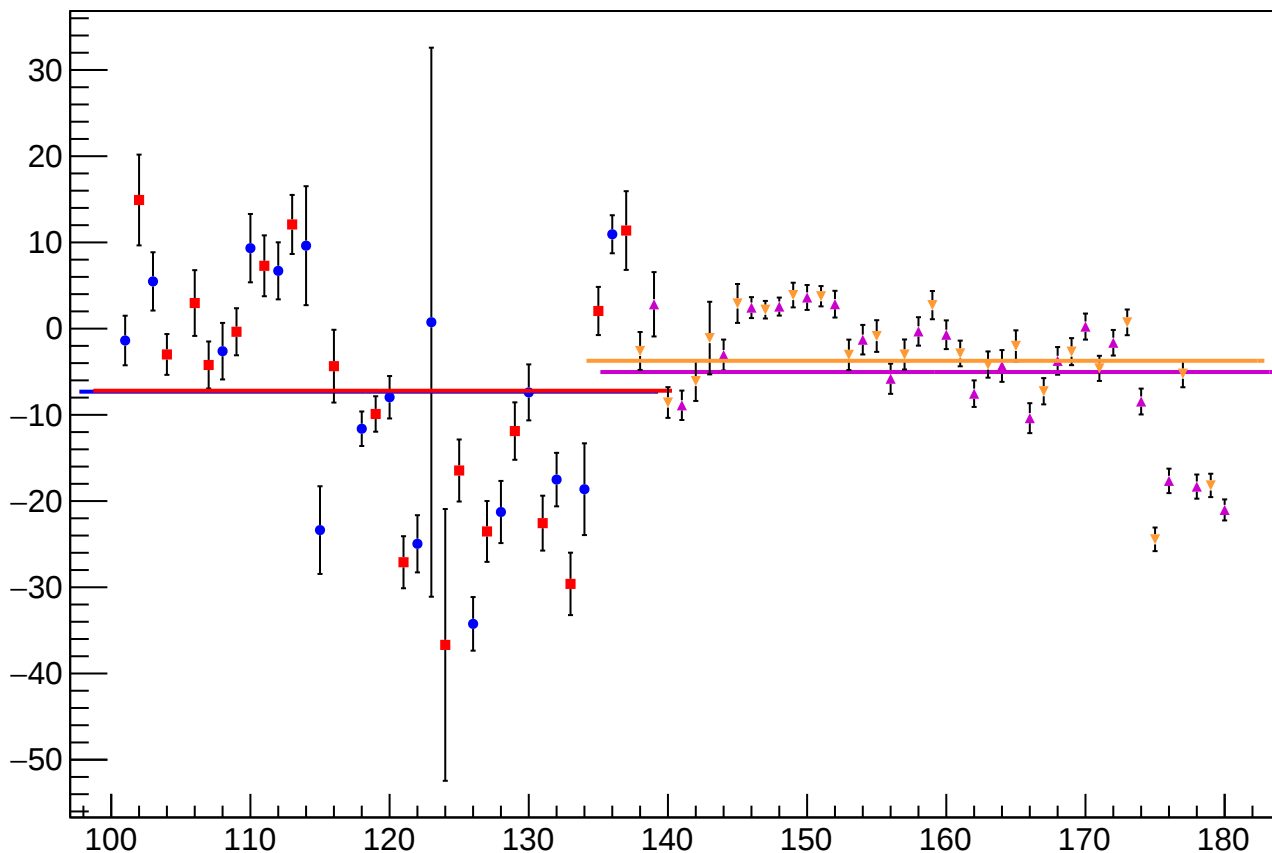
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.946+/-0.426 χ^2/NDF : 2393.3/20

Out: 25.524+/-0.447 χ^2/NDF : 4368.5/21

All: 25.745+/-0.308 χ^2/NDF : 6762.3/42

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: -3.731 ± 0.336 χ^2/NDF : 498.5/21

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -5.033 ± 0.332 χ^2/NDF : 559.3/20

Left: -4.388 ± 0.236 χ^2/NDF : 1065.5/42

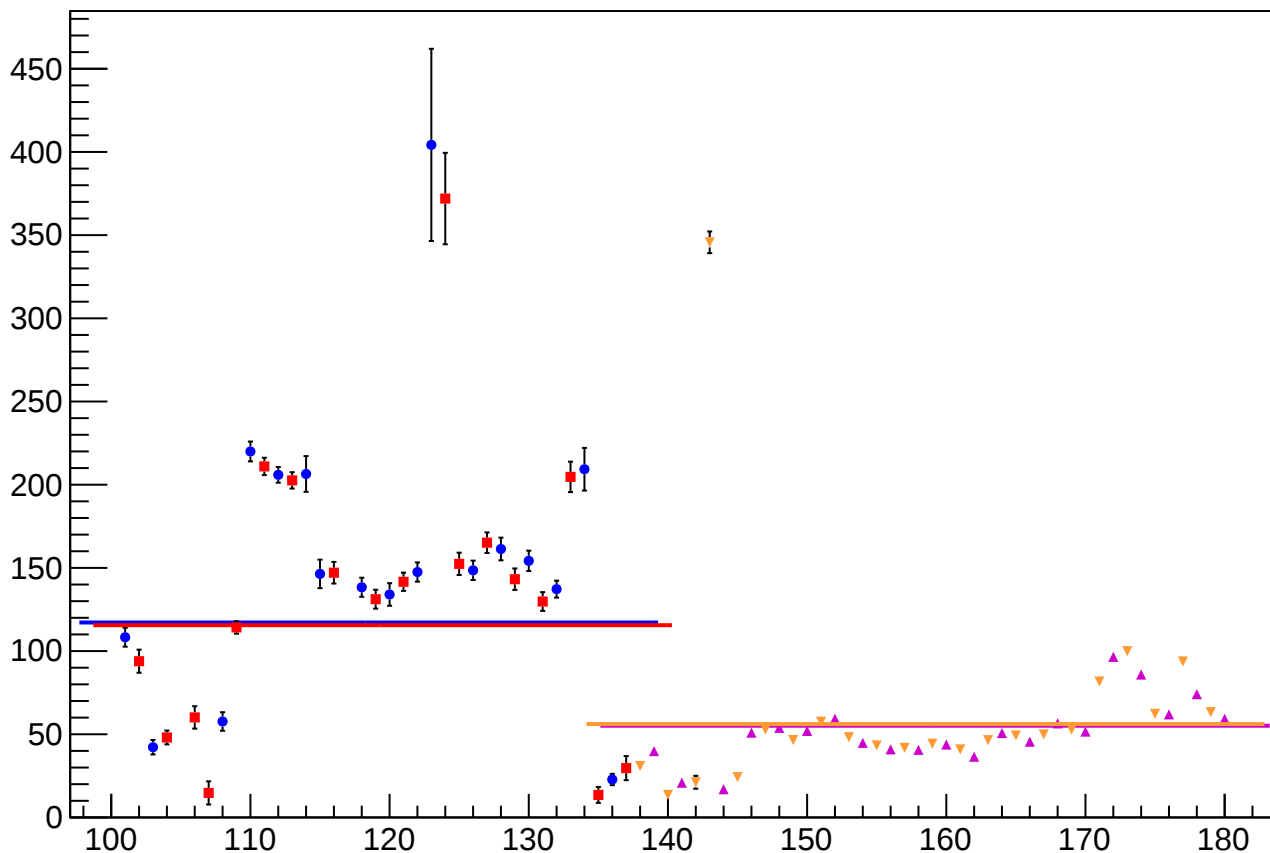
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -5.383 ± 0.306 χ^2/NDF : 845.6/37

Out: -4.295 ± 0.307 χ^2/NDF : 768.0/39

All: -4.841 ± 0.217 χ^2/NDF : 1619.9/77

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: 56.131 $\pm$ 0.442 χ^2 /NDF:3989.8/21

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 55.138 $\pm$ 0.422 χ^2 /NDF:1608.1/20

Left: 55.612 $\pm$ 0.305 χ^2 /NDF: 5600.5/42

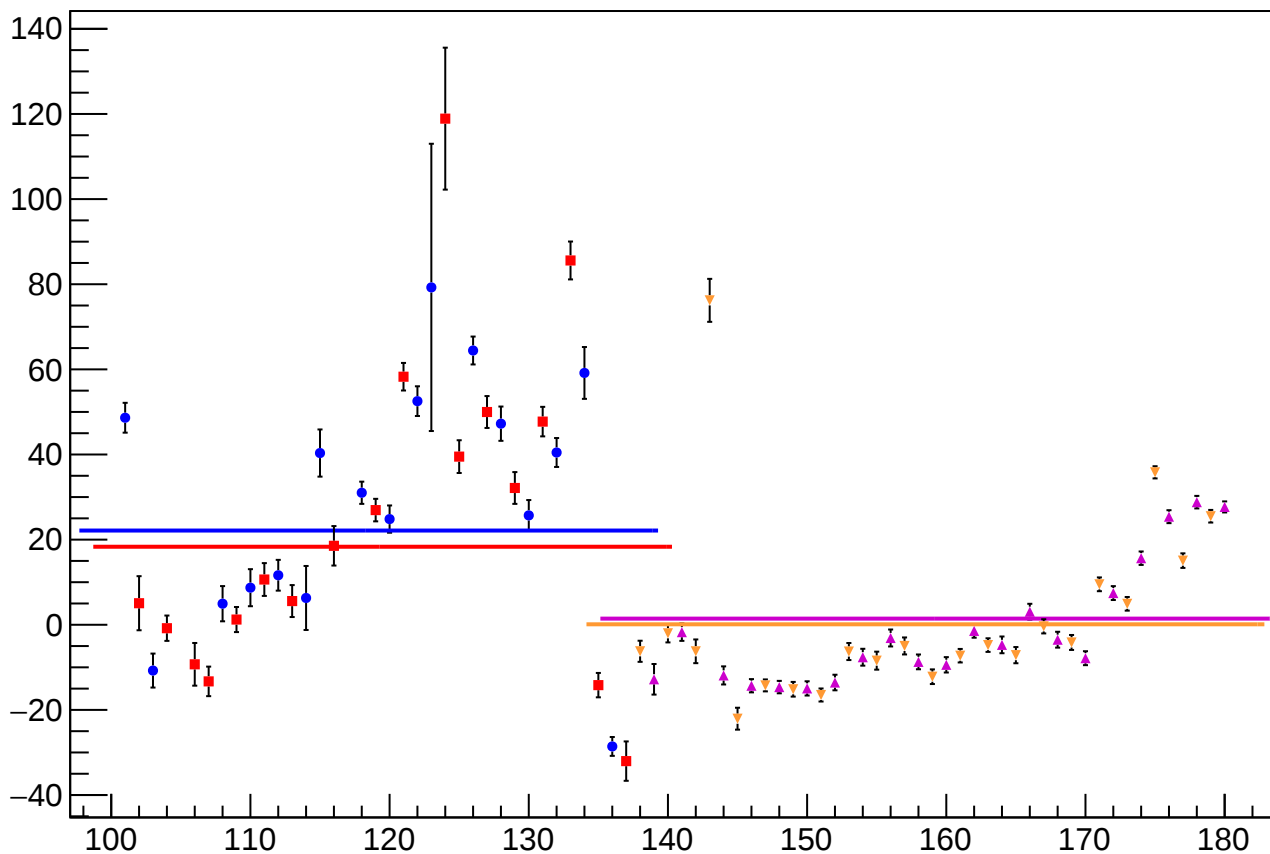
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 60.221 $\pm$ 0.404 χ^2 /NDF:5541.5/37

Out: 61.779 $\pm$ 0.420 χ^2 /NDF:7858.7/39

All: 60.970 $\pm$ 0.291 χ^2 /NDF: 13407.4/77

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: 0.108+/-0.383 χ^2 /NDF:1781.8/21

Right Out: 18.331+/-0.872 χ^2 /NDF: 1070.4/17

Left In: 1.444+/-0.376 χ^2 /NDF:1689.2/20

Left: 0.788+/-0.268 χ^2 /NDF: 3477.2/42

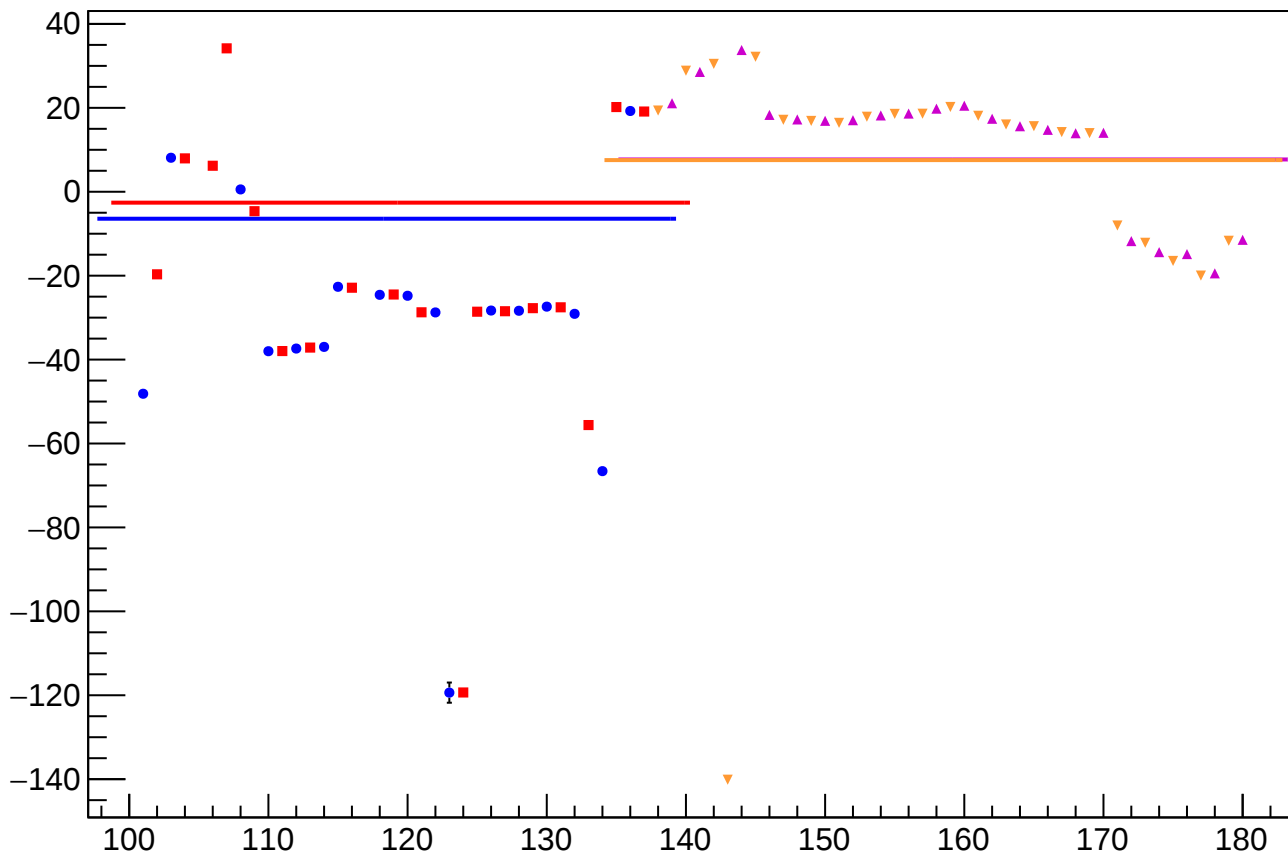
Right: 20.192+/-0.623 χ^2 /NDF: 2143.8/34

In: 4.568+/-0.346 χ^2 /NDF:3211.0/37

Out: 3.050+/-0.350 χ^2 /NDF:3218.4/39

All: 3.818+/-0.246 χ^2 /NDF: 6438.9/77

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: 7.544 ± 0.018 χ^2/NDF : 1093607.6/21

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 7.696 ± 0.017 χ^2/NDF : 846329.4/20

Left: 7.623 ± 0.012 χ^2/NDF : 1939975.3/42

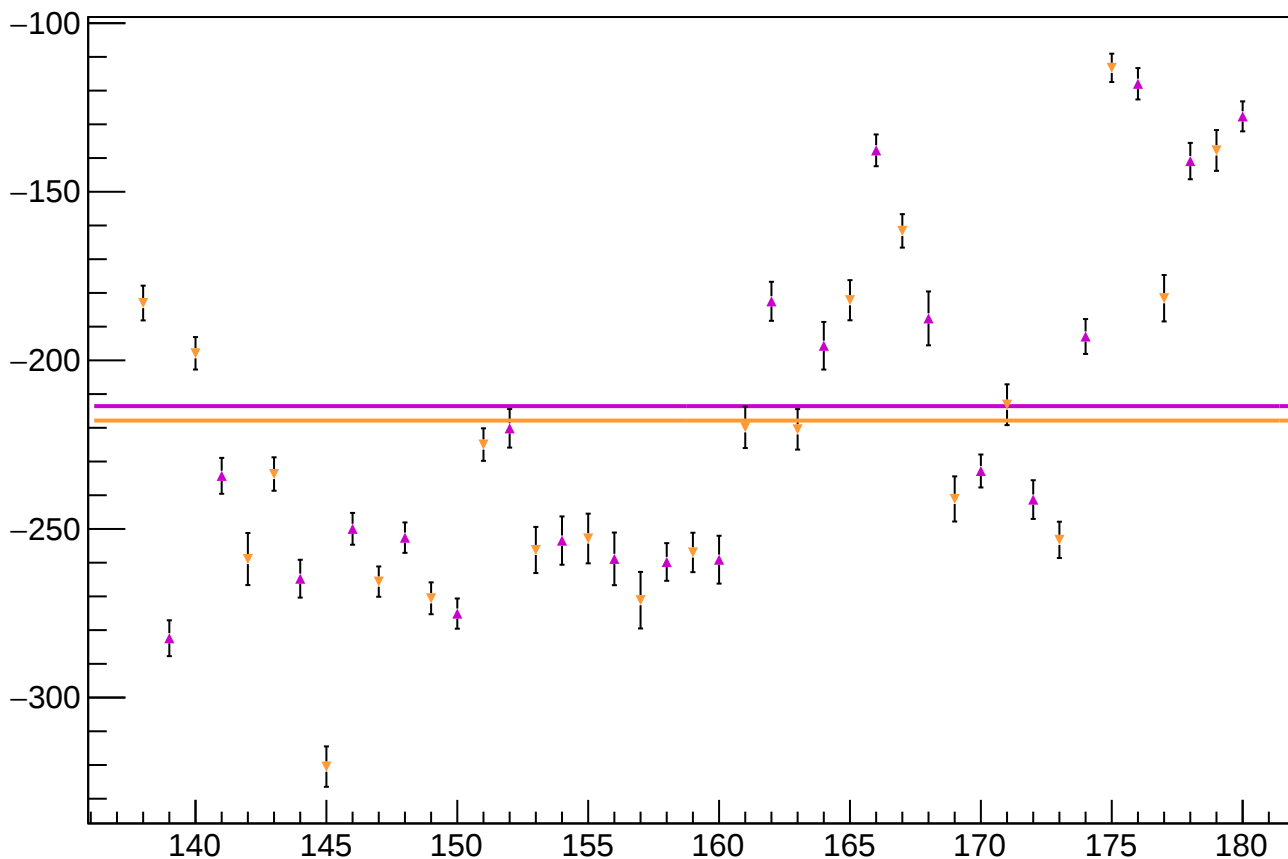
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 6.003 ± 0.016 χ^2/NDF : 1193711.8/37

Out: 6.231 ± 0.016 χ^2/NDF : 1399918.9/39

All: 6.114 ± 0.011 χ^2/NDF : 2593729.6/77

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: -217.848+/-1.196 χ^2/NDF :1815.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -213.576+/-1.182 χ^2/NDF :2101.5/20

Left: -215.686+/-0.841 χ^2/NDF : 3923.5/42

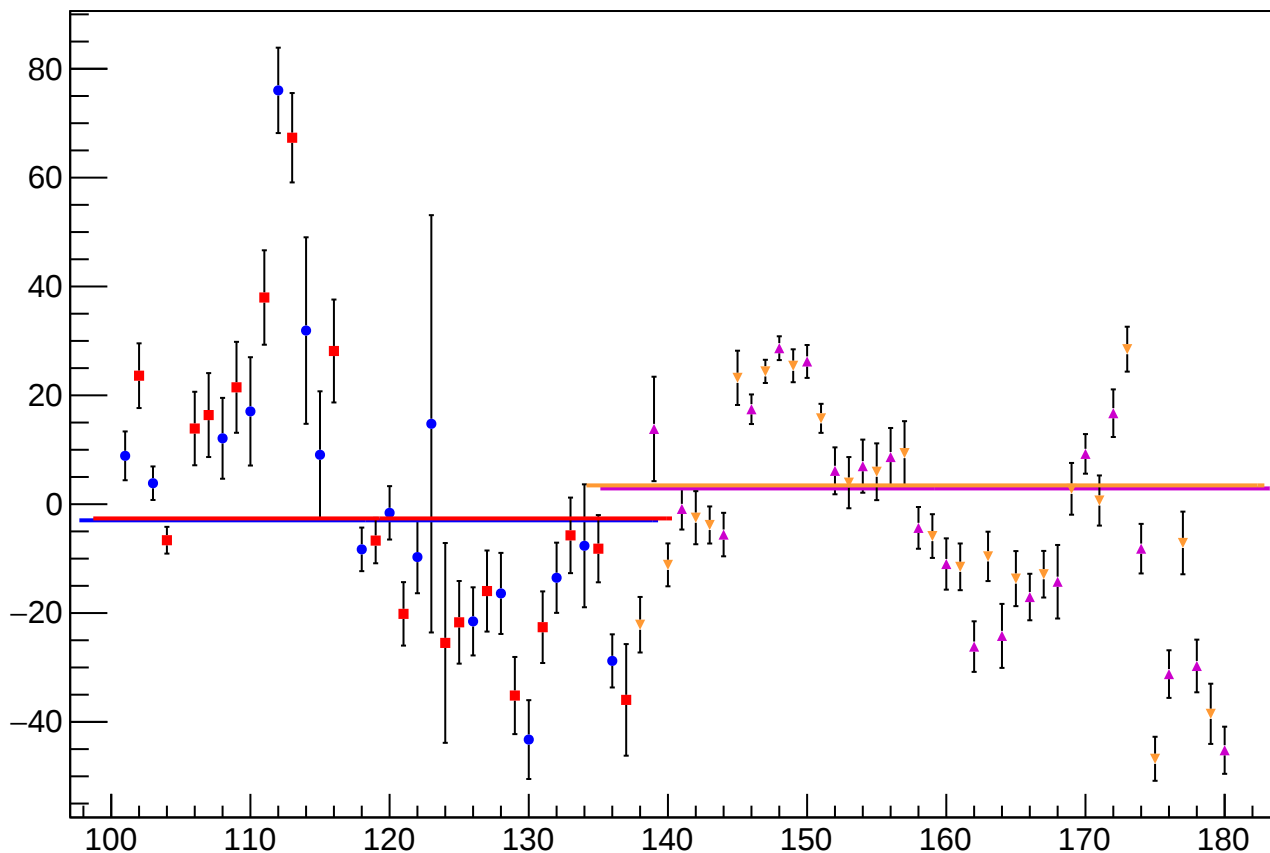
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -213.576+/-1.182 χ^2/NDF :2101.5/20

Out: -217.848+/-1.196 χ^2/NDF :1815.5/21

All: -215.686+/-0.841 χ^2/NDF : 3923.5/42

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: 3.453 ± 0.850 χ^2/NDF : 536.9/21

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 2.895 ± 0.871 χ^2/NDF : 585.8/20

Left: 3.181 ± 0.608 χ^2/NDF : 1122.9/42

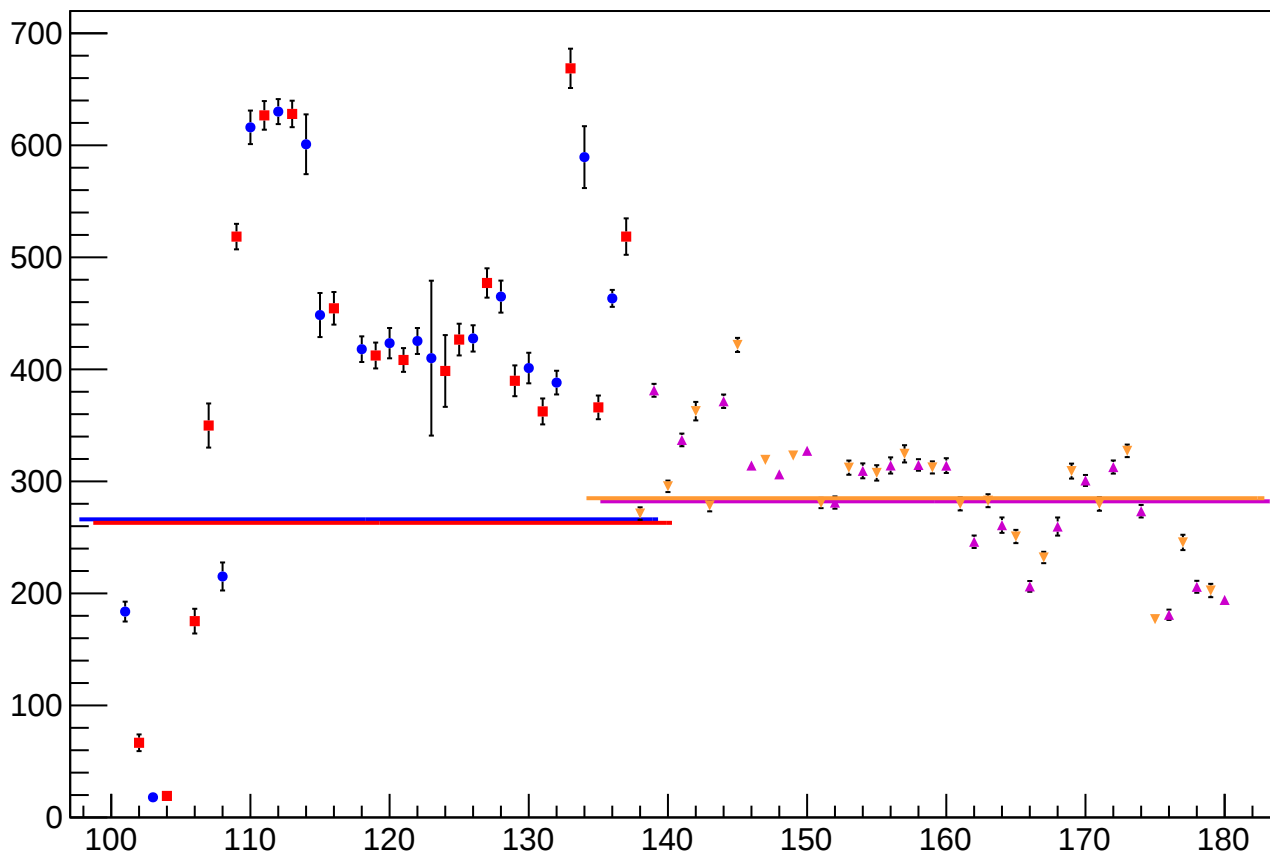
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 1.344 ± 0.747 χ^2/NDF : 801.3/37

Out: 1.818 ± 0.726 χ^2/NDF : 761.1/39

All: 1.588 ± 0.521 χ^2/NDF : 1562.6/77

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: 284.972 $\pm$ 1.186 χ^2 /NDF:1895.6/21

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 282.196 $\pm$ 1.167 χ^2 /NDF:2346.4/20

Left: 283.562 $\pm$ 0.832 χ^2 /NDF: 4244.8/42

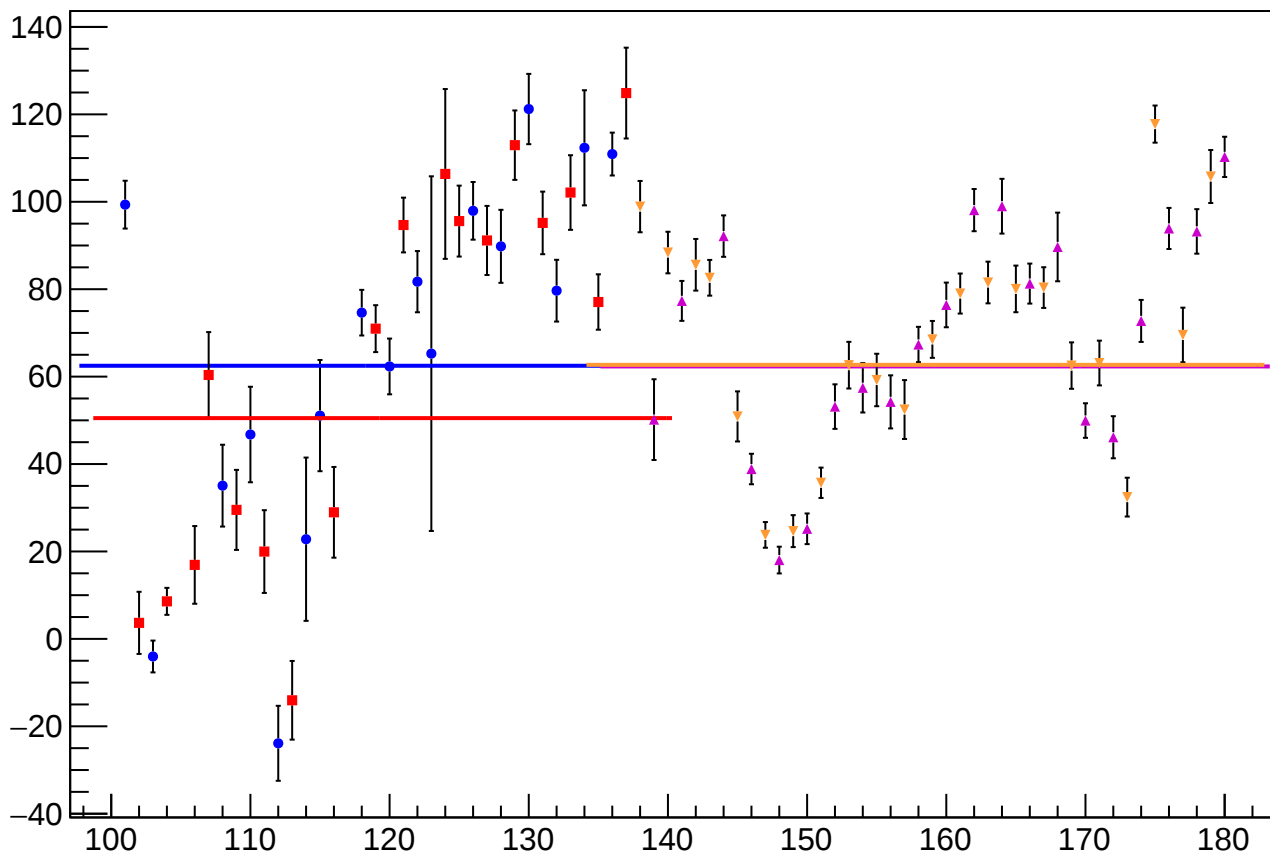
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 279.282 $\pm$ 1.056 χ^2 /NDF:10024.8/37

Out: 280.849 $\pm$ 1.069 χ^2 /NDF:10132.0/39

All: 280.056 $\pm$ 0.751 χ^2 /NDF: 20158.0/77

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 62.692+/-0.994 χ^2/NDF : 778.5/21

Right Out: 50.506+/-1.644 χ^2/NDF : 650.6/17

Left In: 62.328+/-1.008 χ^2/NDF : 768.5/20

Left: 62.513+/-0.708 χ^2/NDF : 1547.1/42

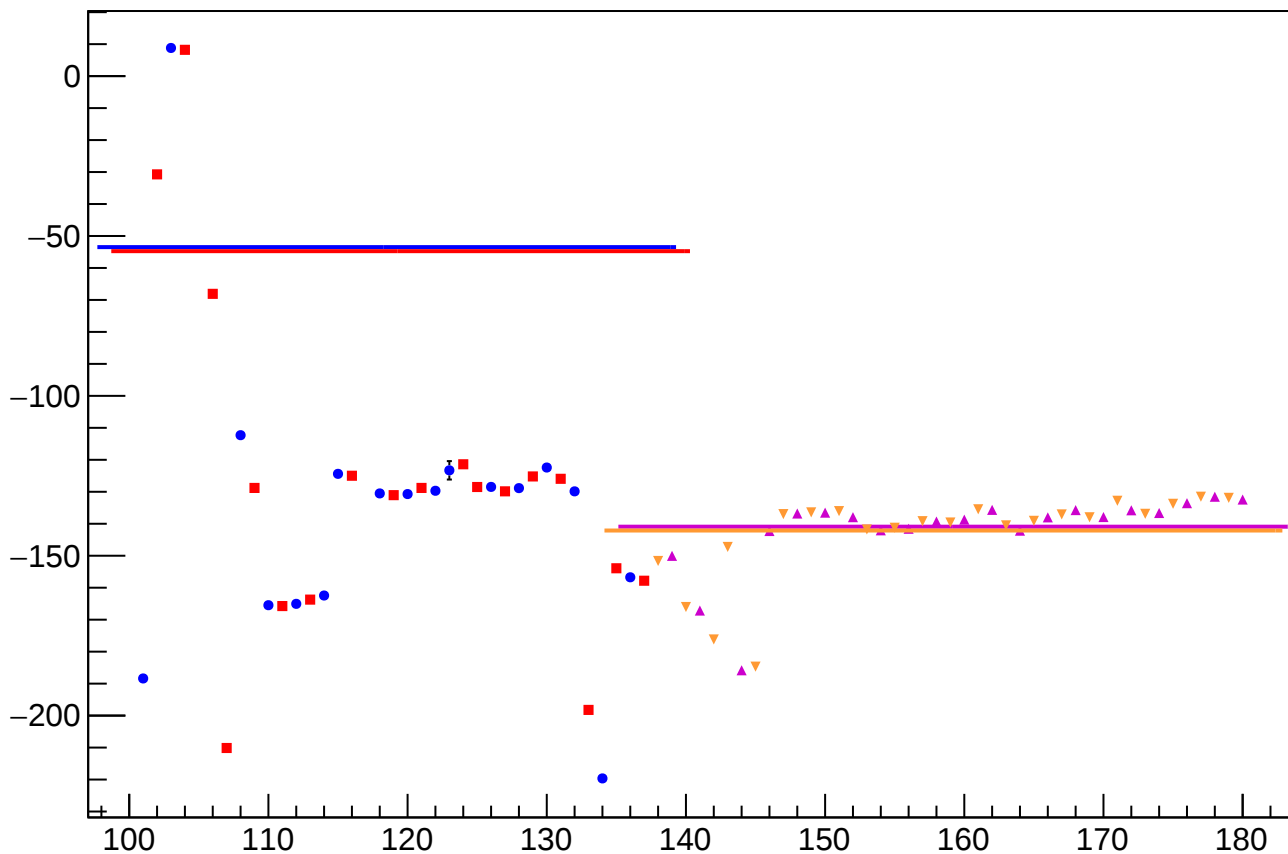
Right: 56.364+/-1.175 χ^2/NDF : 1397.3/34

In: 62.369+/-0.864 χ^2/NDF : 1489.3/37

Out: 59.432+/-0.851 χ^2/NDF : 1469.4/39

All: 60.877+/-0.606 χ^2/NDF : 2964.5/77

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -142.115 ± 0.048 $\chi^2/\text{NDF}: 65580.6/21$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -140.915 ± 0.047 $\chi^2/\text{NDF}: 52385.2/20$

Left: -141.507 ± 0.034 $\chi^2/\text{NDF}: 118284.0/42$

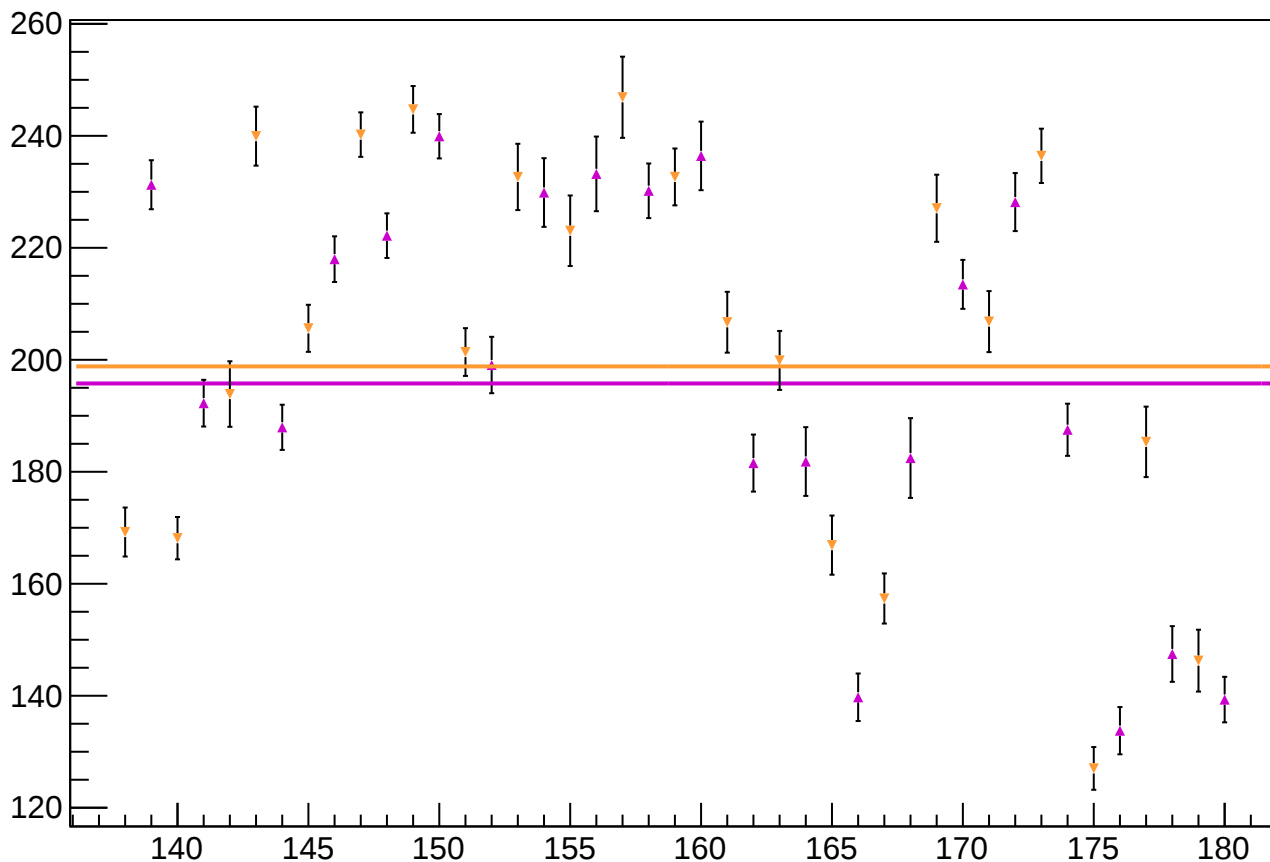
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -113.738 ± 0.039 $\chi^2/\text{NDF}: 2346882.0/37$

Out: -115.395 ± 0.040 $\chi^2/\text{NDF}: 2036377.5/39$

All: -114.552 ± 0.028 $\chi^2/\text{NDF}: 4384137.9/77$

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: 198.821+/-1.044 χ^2/NDF :1199.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Left: 197.273+/-0.732 χ^2/NDF : 2381.2/42

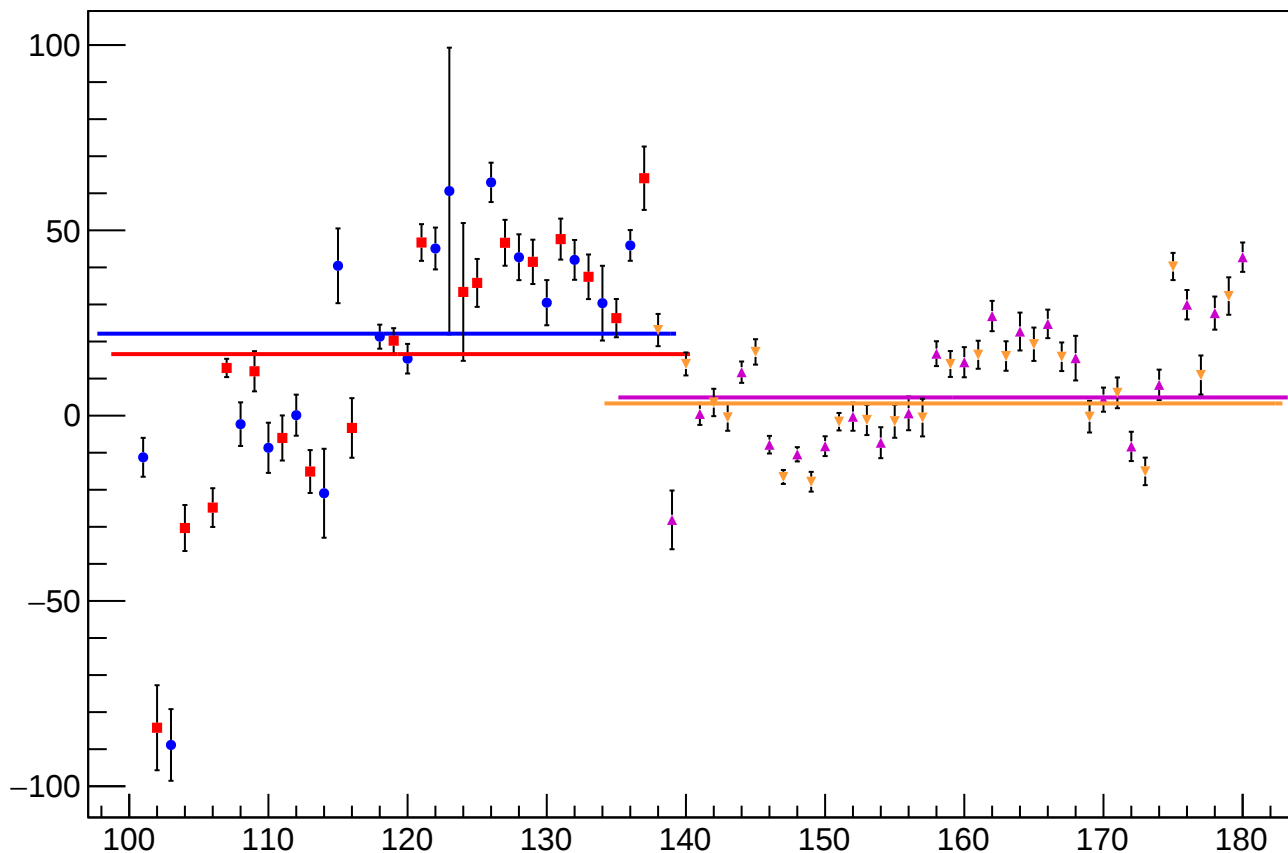
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Out: 198.821+/-1.044 χ^2/NDF :1199.2/21

All: 197.273+/-0.732 χ^2/NDF : 2381.2/42

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 3.293 ± 0.743 $\chi^2/\text{NDF}: 447.6/21$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: 4.914 ± 0.757 $\chi^2/\text{NDF}: 409.9/20$

Left: 4.089 ± 0.530 $\chi^2/\text{NDF}: 859.8/42$

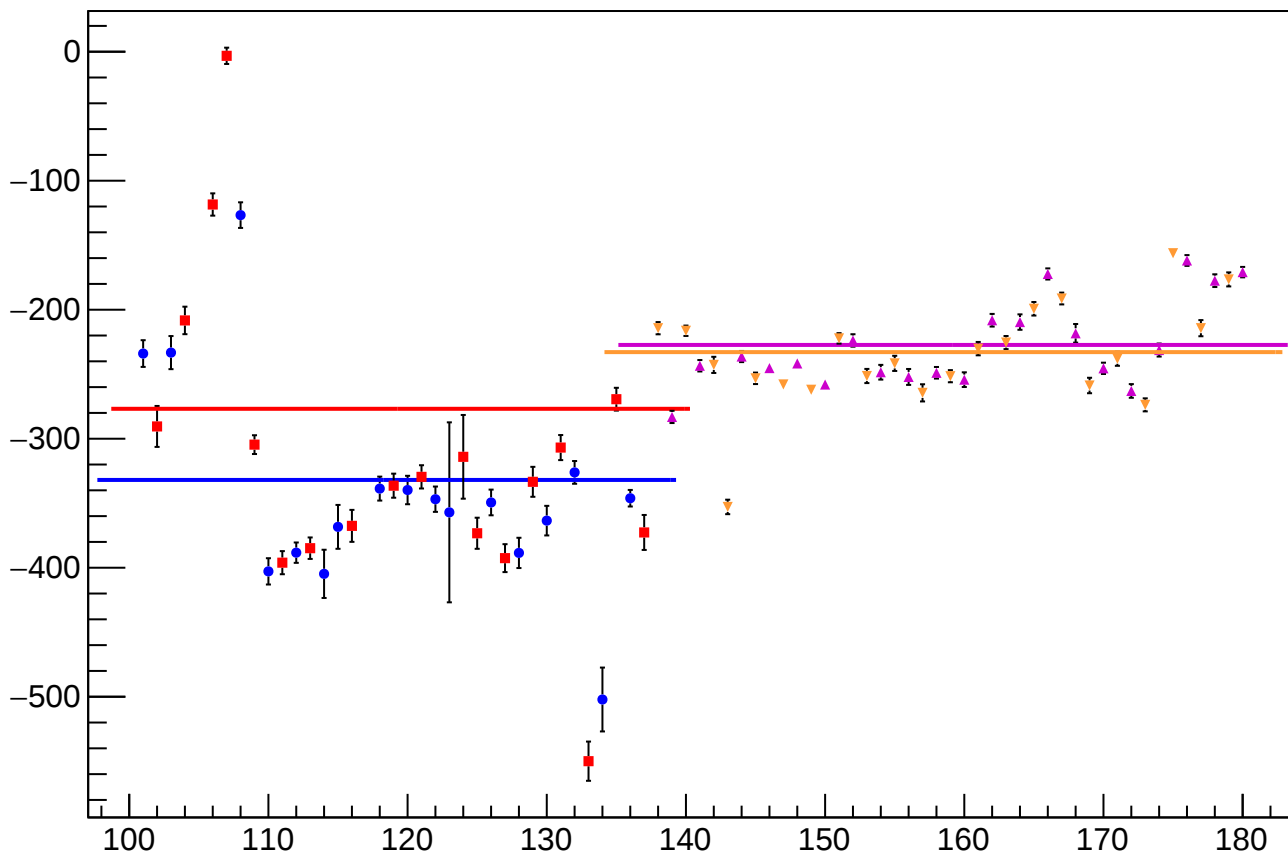
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 8.906 ± 0.663 $\chi^2/\text{NDF}: 911.9/37$

Out: 6.858 ± 0.636 $\chi^2/\text{NDF}: 950.2/39$

All: 7.840 ± 0.459 $\chi^2/\text{NDF}: 1867.1/77$

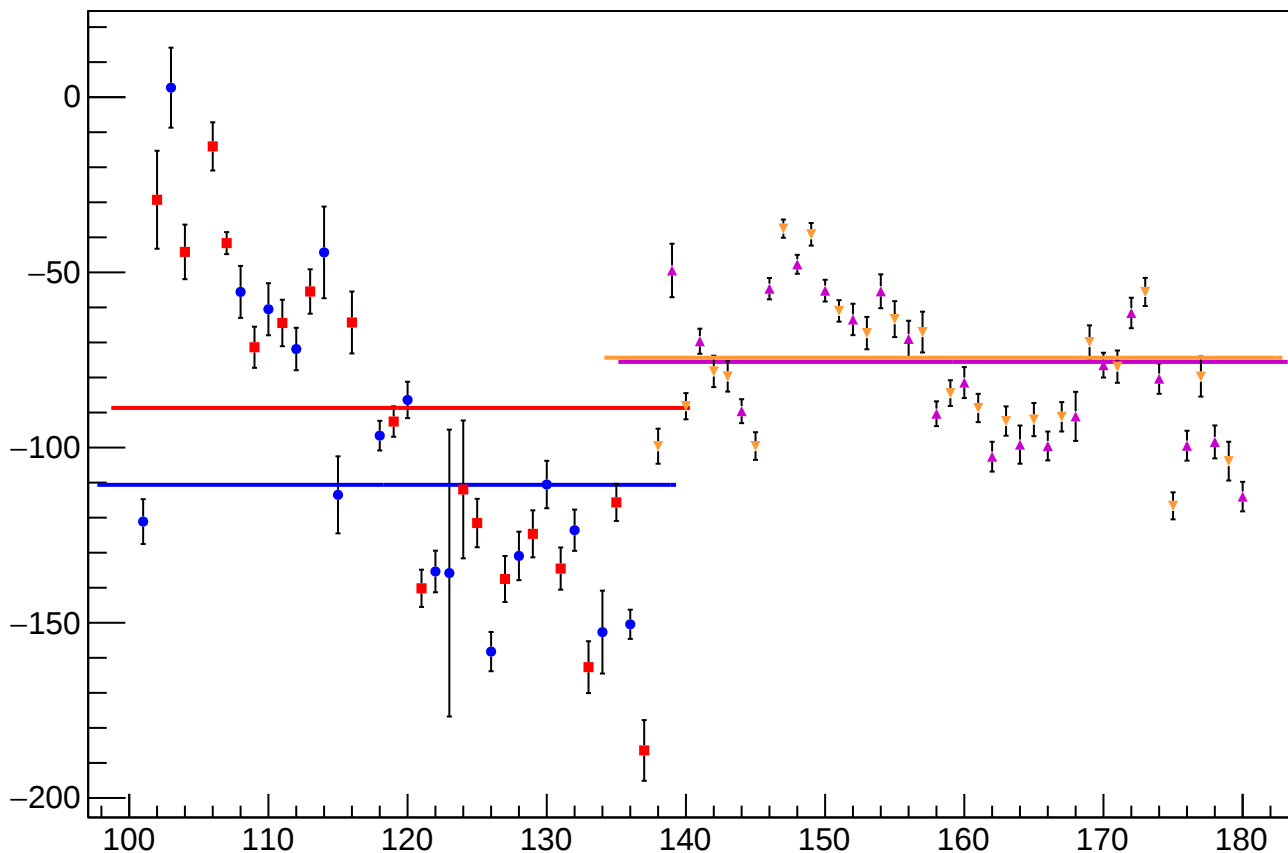
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16
 Left Out: -232.867 ± 1.037 χ^2/NDF : 1403.4/21
 Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17
 Left In: -227.301 ± 1.016 χ^2/NDF : 1129.9/20

Left: -230.028 ± 0.726 χ^2/NDF : 2548.1/42
 Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34
 In: -241.475 ± 0.945 χ^2/NDF : 3352.1/37
 Out: -240.129 ± 0.947 χ^2/NDF : 5030.8/39
 All: -240.804 ± 0.669 χ^2/NDF : 8383.9/77

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: -74.358 ± 0.870 χ^2/NDF : 671.6/21

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -75.558 ± 0.876 χ^2/NDF : 521.4/20

Left: -74.953 ± 0.617 χ^2/NDF : 1193.9/42

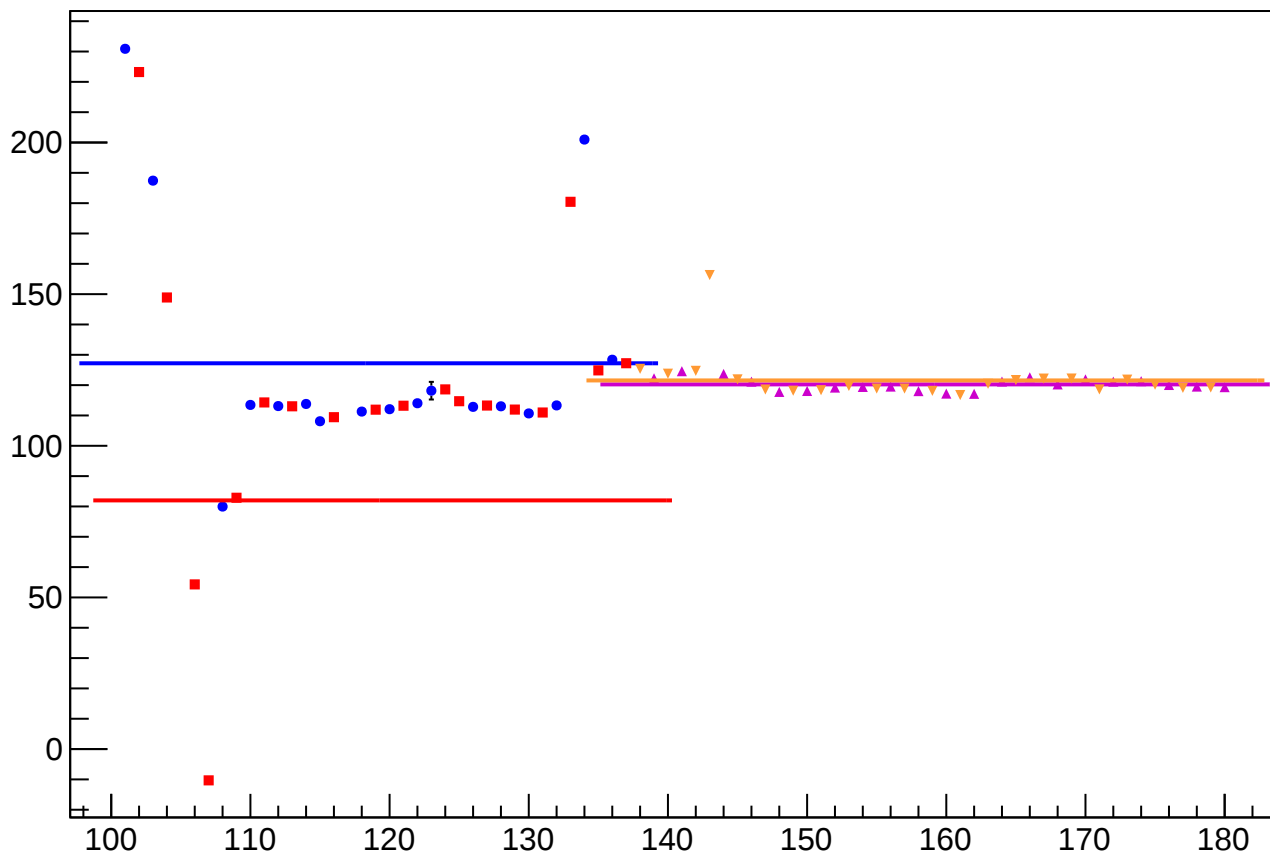
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -83.800 ± 0.766 χ^2/NDF : 1406.8/37

Out: -78.209 ± 0.744 χ^2/NDF : 1708.4/39

All: -80.921 ± 0.534 χ^2/NDF : 3142.6/77

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: 121.552 $\pm$ 0.042 χ^2 /NDF: 27305.2/21

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.247 $\pm$ 0.041 χ^2 /NDF: 2593.6/20

Left: 120.888 $\pm$ 0.029 χ^2 /NDF: 30394.9/42

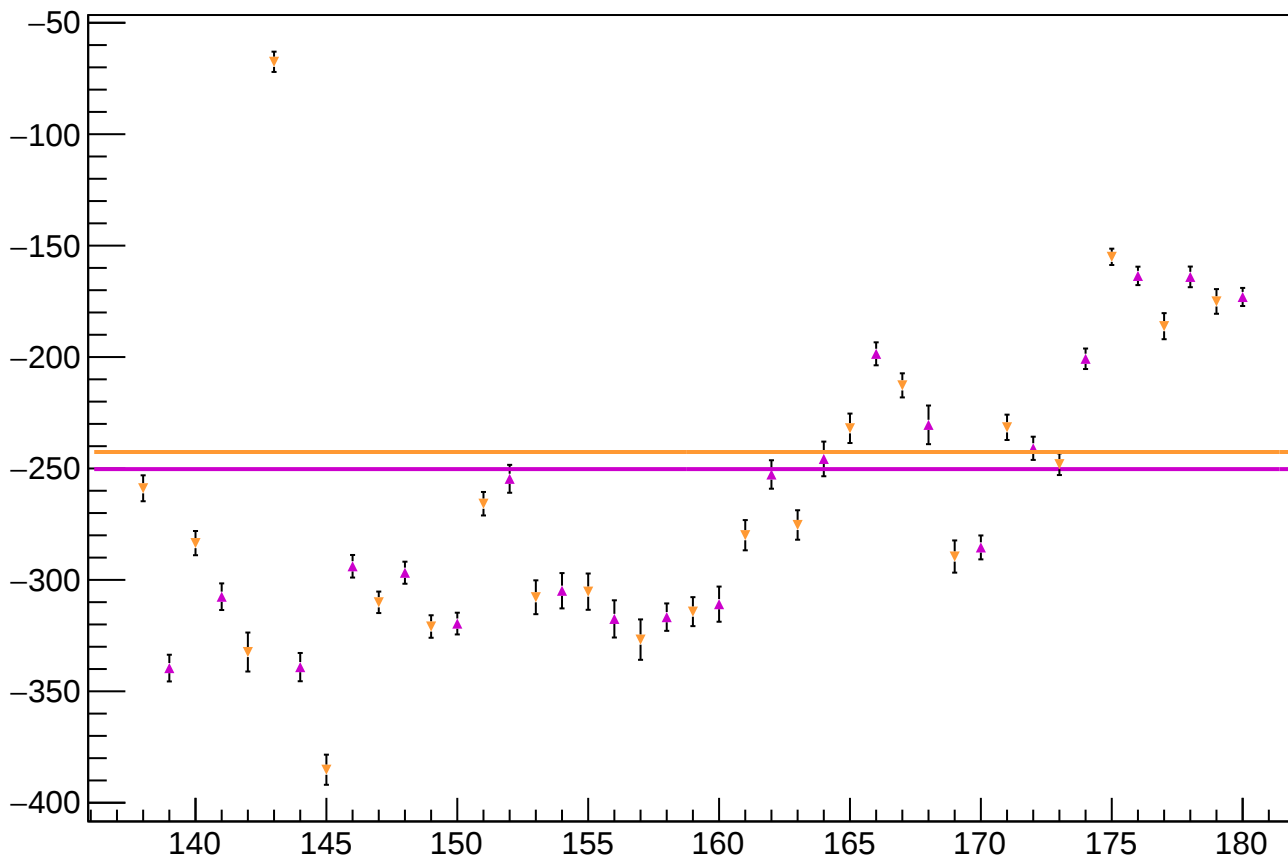
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.465 $\pm$ 0.037 χ^2 /NDF: 195646.2/37

Out: 112.268 $\pm$ 0.037 χ^2 /NDF: 987309.2/39

All: 116.776 $\pm$ 0.026 χ^2 /NDF: 1213960.6/77

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: -242.609+/-1.228 χ^2/NDF :3840.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -250.285+/-1.215 χ^2/NDF :2580.7/20

Left: -246.488+/-0.864 χ^2/NDF : 6440.8/42

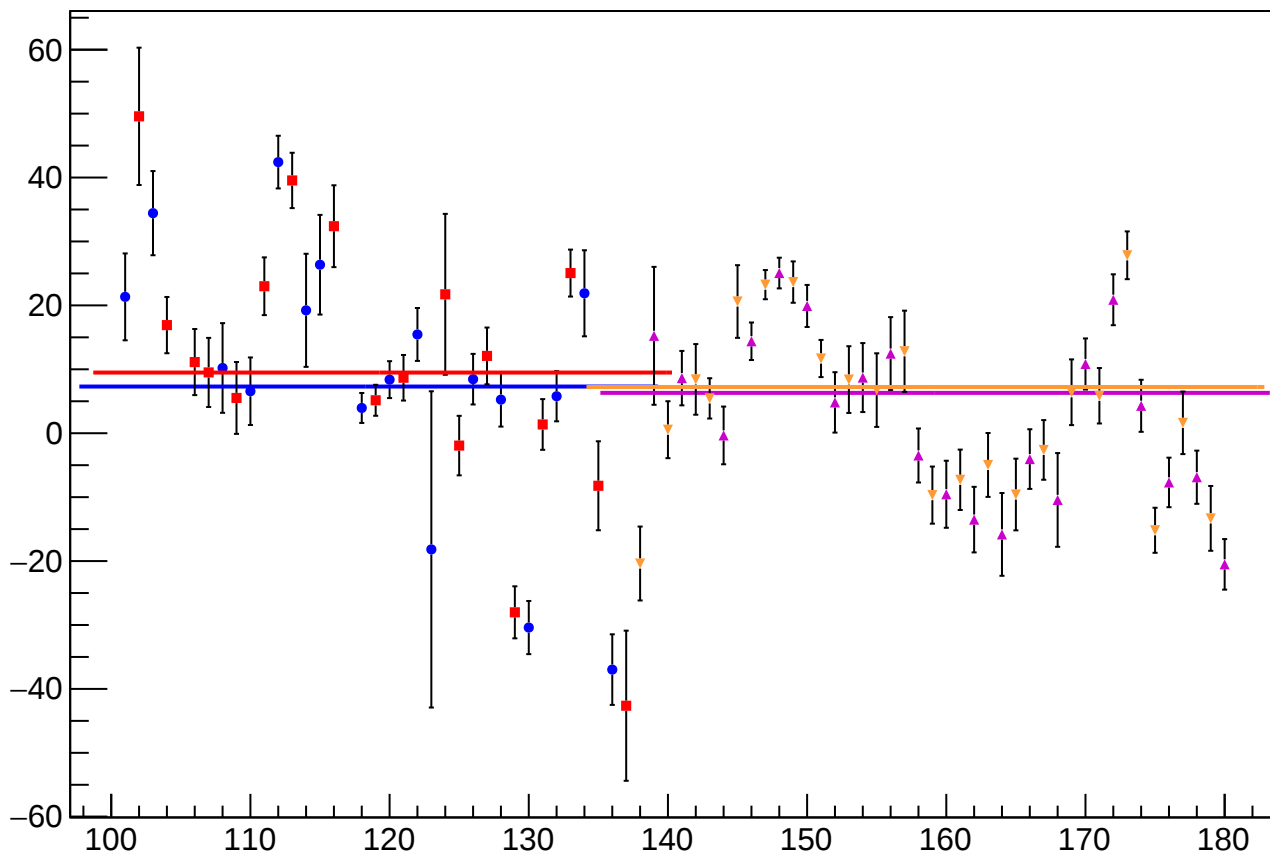
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.285+/-1.215 χ^2/NDF :2580.7/20

Out: -242.609+/-1.228 χ^2/NDF :3840.3/21

All: -246.488+/-0.864 χ^2/NDF : 6440.8/42

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 7.233 ± 0.884 χ^2/NDF : 240.9/21

Right Out: 9.493 ± 1.073 χ^2/NDF : 231.1/17

Left In: 6.313 ± 0.914 χ^2/NDF : 225.6/20

Left: 6.788 ± 0.635 χ^2/NDF : 467.1/42

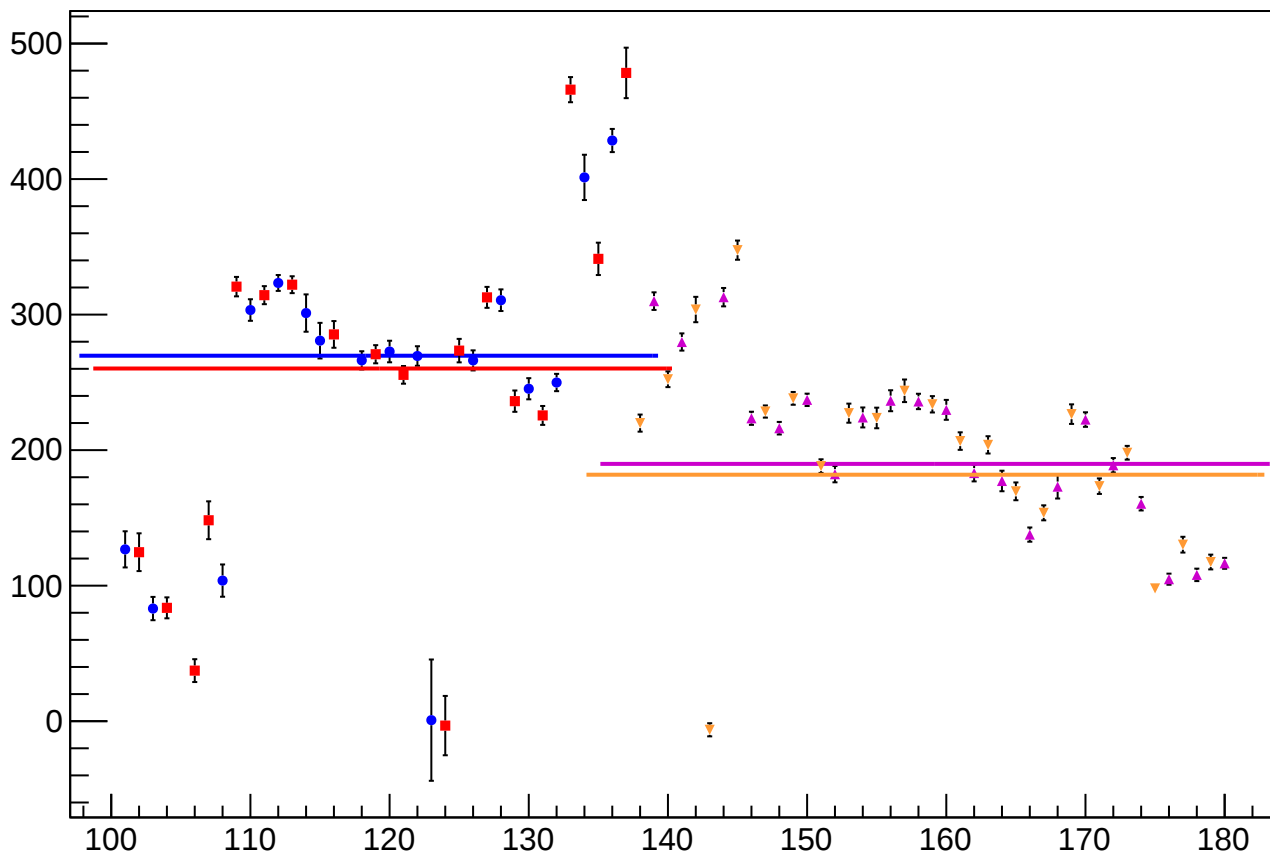
Right: 8.410 ± 0.763 χ^2/NDF : 493.8/34

In: 6.724 ± 0.699 χ^2/NDF : 486.7/37

Out: 8.147 ± 0.682 χ^2/NDF : 474.7/39

All: 7.453 ± 0.488 χ^2/NDF : 963.5/77

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: 181.864 $\pm$ 1.219 χ^2/NDF : 3709.0/21

Right Out: 260.226 $\pm$ 1.979 χ^2/NDF : 2528.0/17

Left In: 189.845 $\pm$ 1.202 χ^2/NDF : 2472.8/20

Left: 185.910 $\pm$ 0.856 χ^2/NDF : 6203.6/42

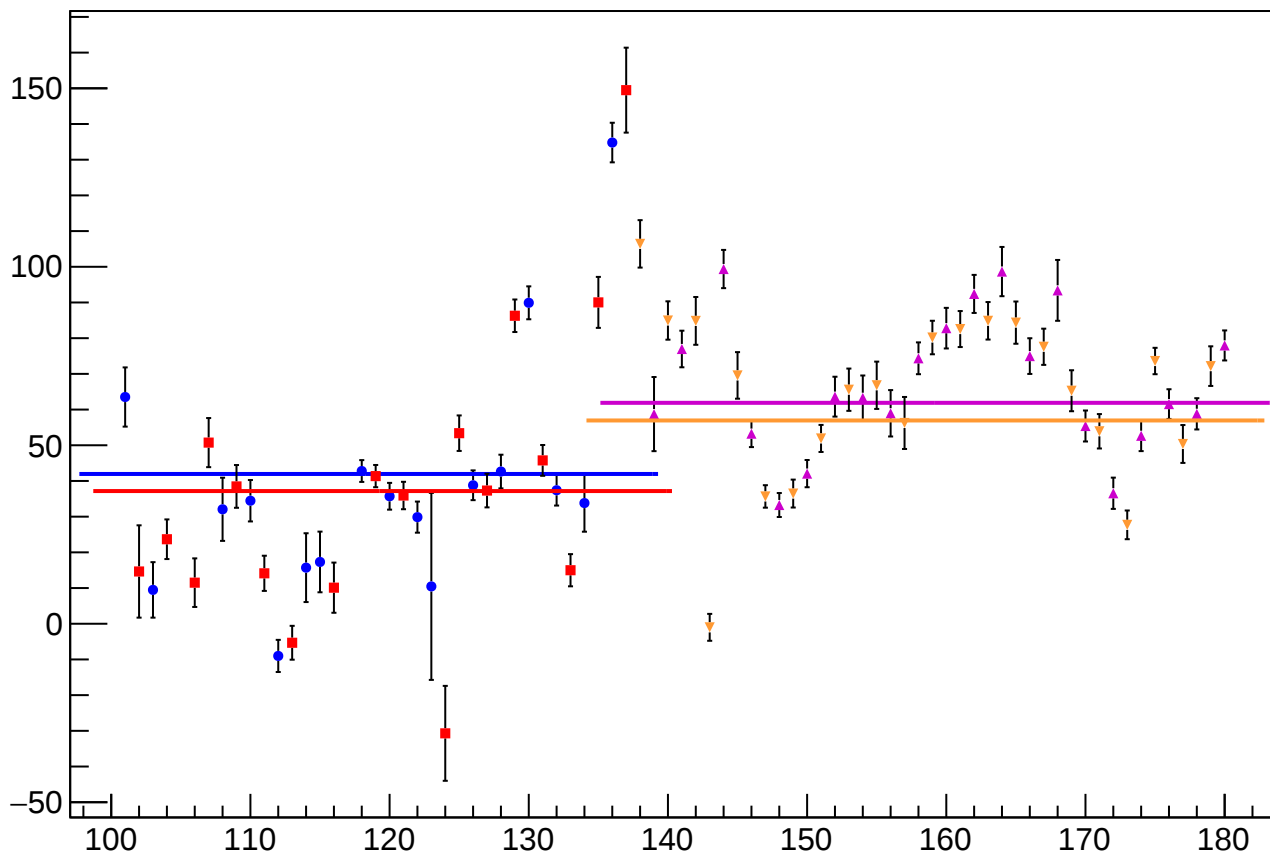
Right: 264.719 $\pm$ 1.432 χ^2/NDF : 3915.4/34

In: 209.896 $\pm$ 1.041 χ^2/NDF : 4956.3/37

Out: 203.428 $\pm$ 1.038 χ^2/NDF : 7373.7/39

All: 206.654 $\pm$ 0.735 χ^2/NDF : 12349.4/77

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 56.948 $\pm$ 1.029 χ^2 /NDF:620.6/21

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 61.890 $\pm$ 1.049 χ^2 /NDF:321.5/20

Left: 59.372 $\pm$ 0.735 χ^2 /NDF: 953.5/42

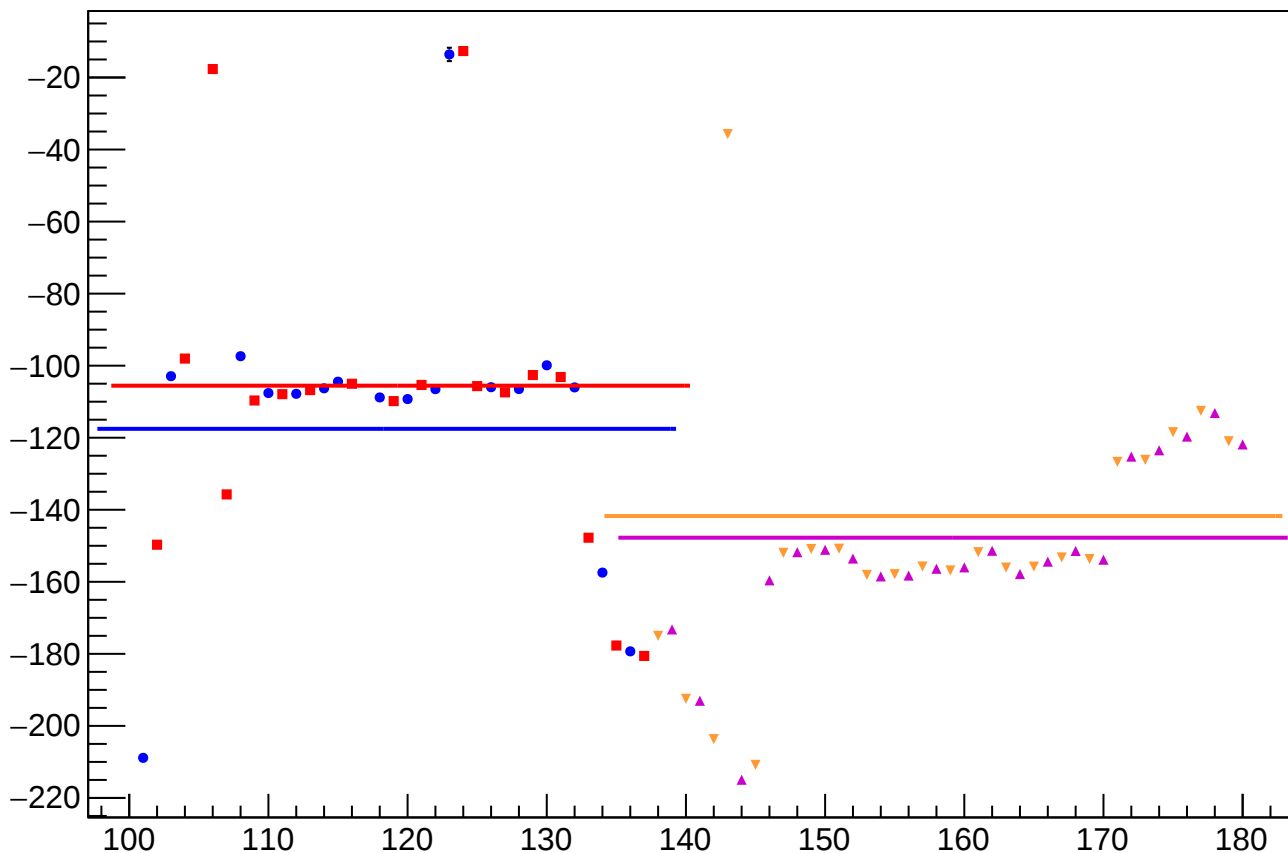
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 53.717 $\pm$ 0.806 χ^2 /NDF:1043.8/37

Out: 48.852 $\pm$ 0.791 χ^2 /NDF:1242.7/39

All: 51.239 $\pm$ 0.564 χ^2 /NDF: 2305.1/77

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -141.745+/-0.049 χ^2/NDF : 528365.1/21

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -147.759+/-0.049 χ^2/NDF : 205330.6/20

Left: -144.778+/-0.035 χ^2/NDF : 741163.1/42

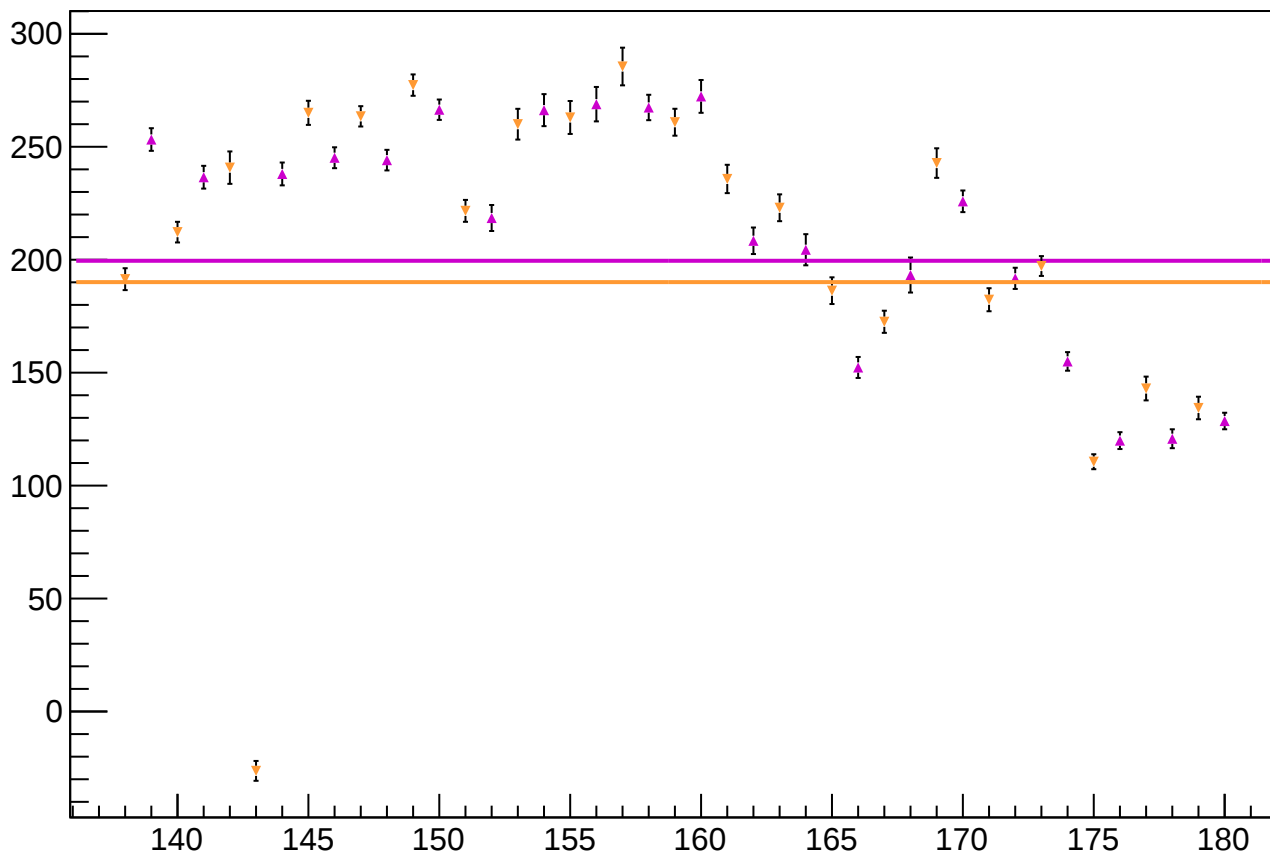
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -139.227+/-0.042 χ^2/NDF : 454802.0/37

Out: -130.342+/-0.041 χ^2/NDF : 1014720.2/39

All: -134.720+/-0.029 χ^2/NDF : 1492767.7/77

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: 190.087+/-1.103 χ^2/NDF : 4768.1/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.531+/-1.088 χ^2/NDF : 2510.1/20

Left: 194.876+/-0.775 χ^2/NDF : 7315.3/42

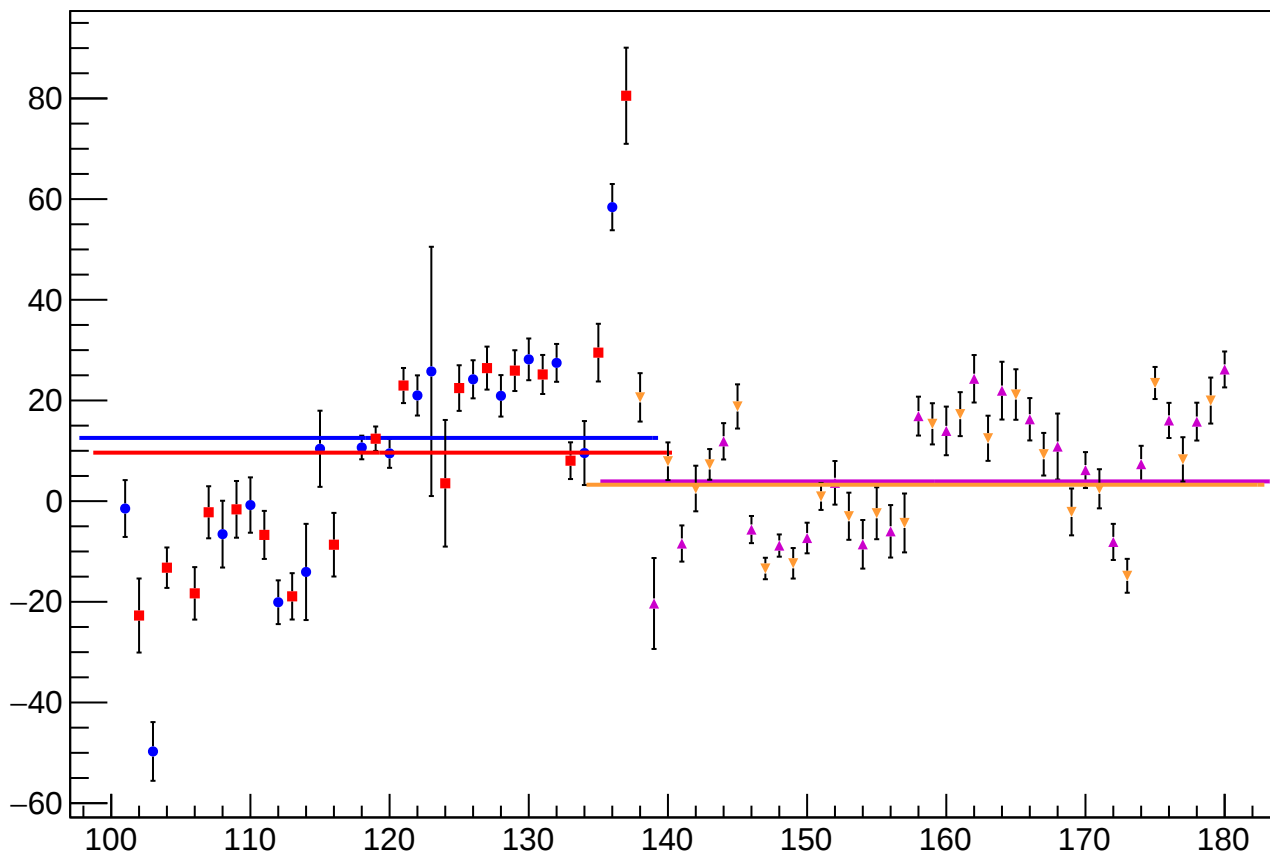
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.531+/-1.088 χ^2/NDF : 2510.1/20

Out: 190.087+/-1.103 χ^2/NDF : 4768.1/21

All: 194.876+/-0.775 χ^2/NDF : 7315.3/42

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2/NDF : 348.6/16

Left Out: 3.261 $\pm$ 0.801 χ^2/NDF :245.1/21

Right Out: 9.631 $\pm$ 1.049 χ^2/NDF : 287.5/17

Left In: 3.923 $\pm$ 0.823 χ^2/NDF :220.9/20

Left: 3.583 $\pm$ 0.574 χ^2/NDF : 466.3/42

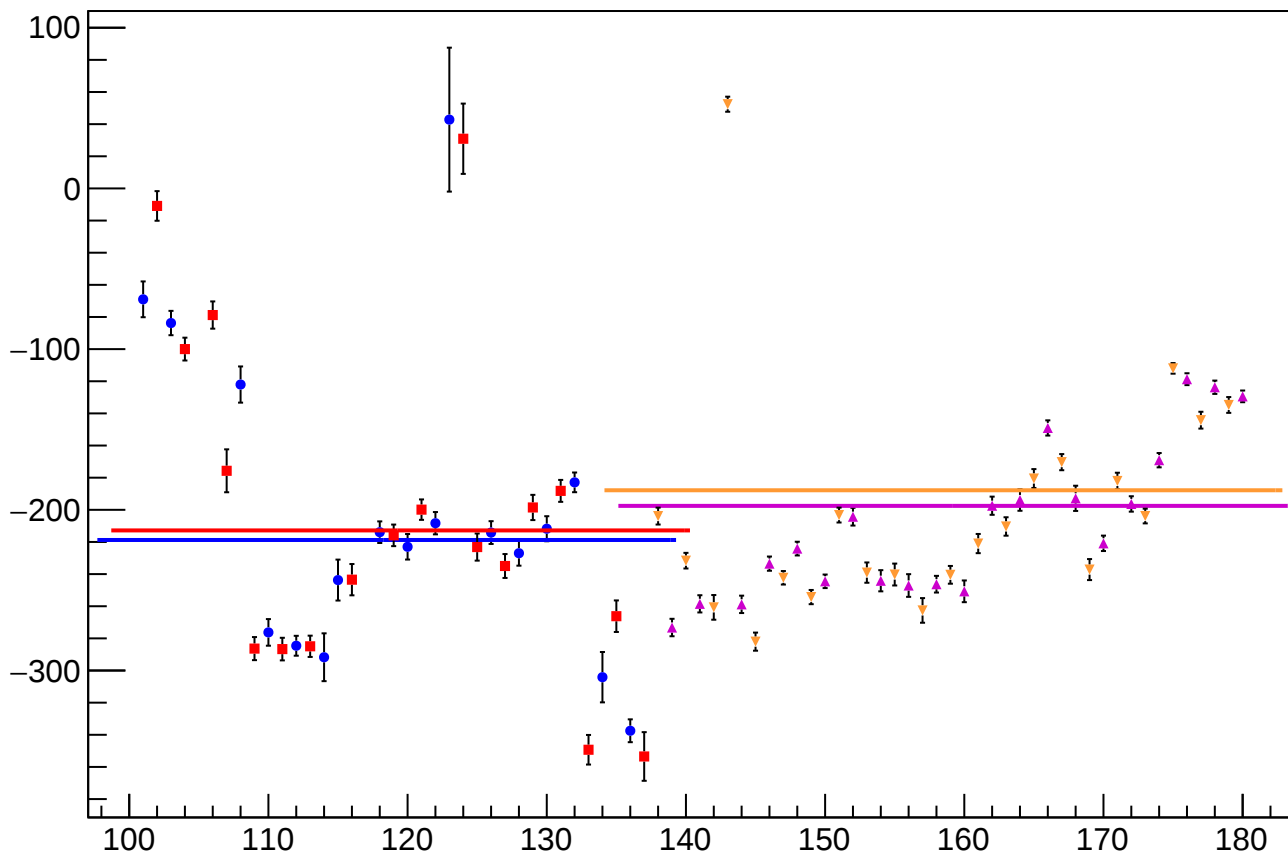
Right: 11.084 $\pm$ 0.745 χ^2/NDF : 639.9/34

In: 7.179 $\pm$ 0.649 χ^2/NDF :611.1/37

Out: 5.605 $\pm$ 0.637 χ^2/NDF :555.8/39

All: 6.377 $\pm$ 0.455 χ^2/NDF : 1169.9/77

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -187.833 ± 1.098 χ^2/NDF : 4644.4/21

Right Out: -212.817 ± 1.926 χ^2/NDF : 1824.5/17

Left In: -197.540 ± 1.079 χ^2/NDF : 2223.8/20

Left: -192.772 ± 0.770 χ^2/NDF : 6908.0/42

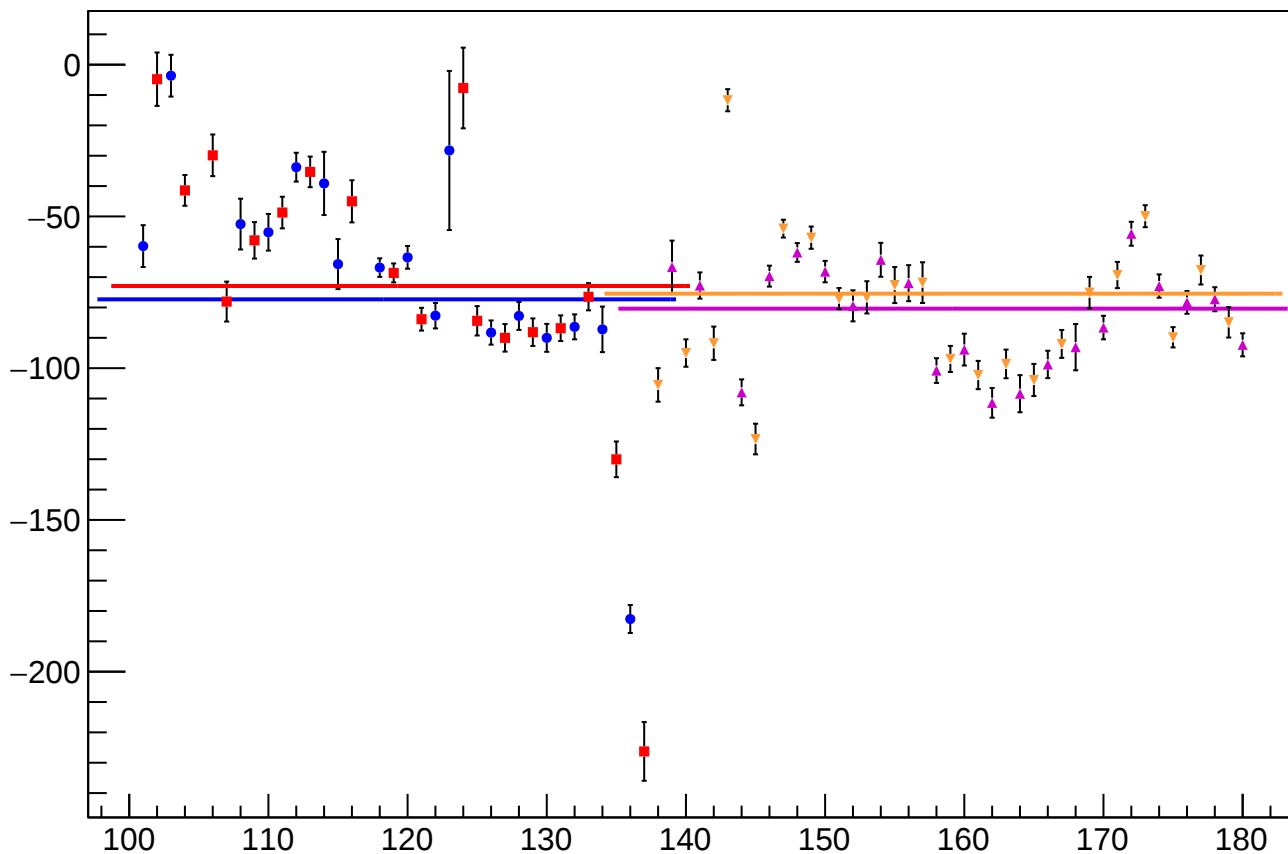
Right: -215.666 ± 1.391 χ^2/NDF : 2973.5/34

In: -202.291 ± 0.951 χ^2/NDF : 3454.7/37

Out: -193.963 ± 0.954 χ^2/NDF : 6595.9/39

All: -198.141 ± 0.674 χ^2/NDF : 10088.9/77

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -75.445 ± 0.930 χ^2/NDF : 733.0/21

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.389 ± 0.944 χ^2/NDF : 283.4/20

Left: -77.881 ± 0.662 χ^2/NDF : 1030.4/42

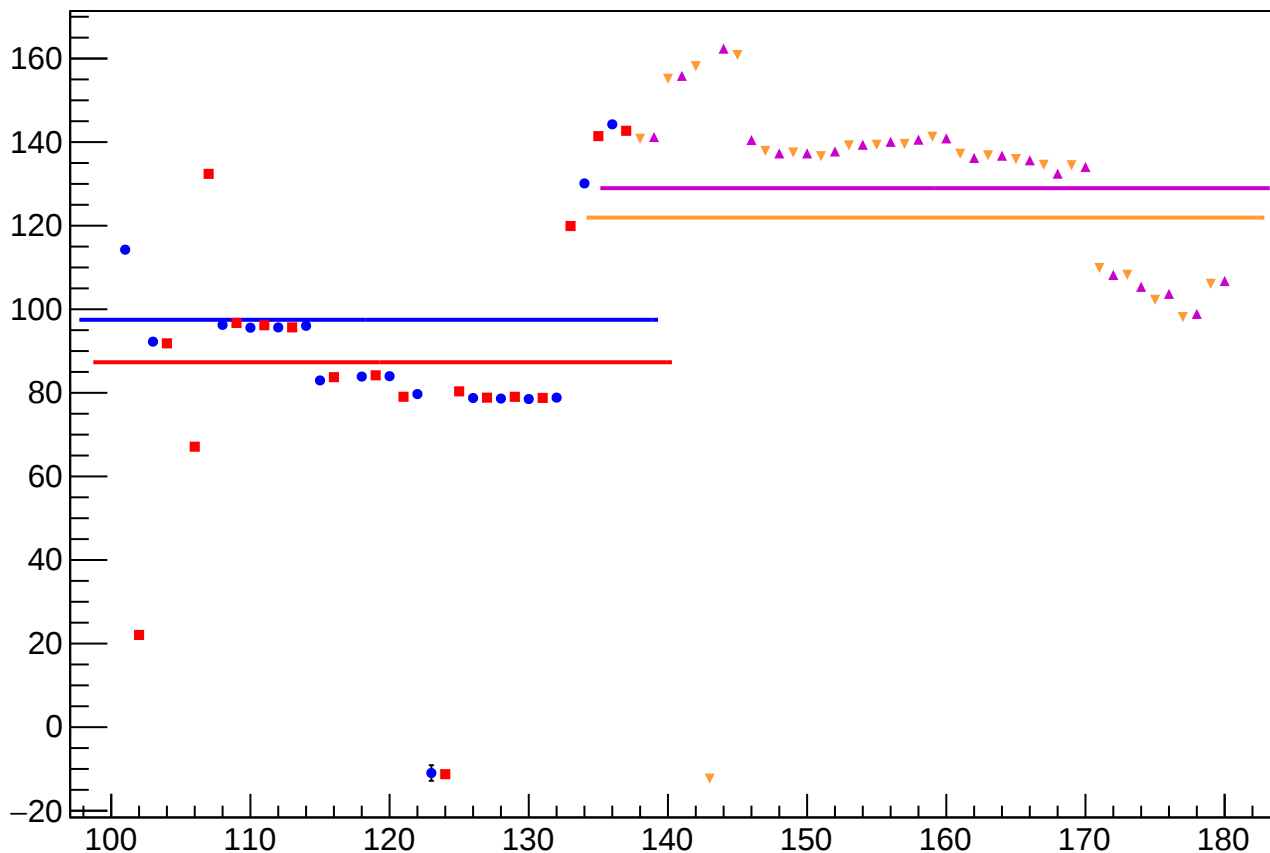
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.243 ± 0.747 χ^2/NDF : 1105.0/37

Out: -74.506 ± 0.737 χ^2/NDF : 1396.6/39

All: -76.842 ± 0.525 χ^2/NDF : 2522.0/77

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: 121.940+/-0.044 χ^2/NDF : 693218.2/21

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 128.978+/-0.044 χ^2/NDF : 160447.8/20

Left: 125.502+/-0.031 χ^2/NDF : 866337.4/42

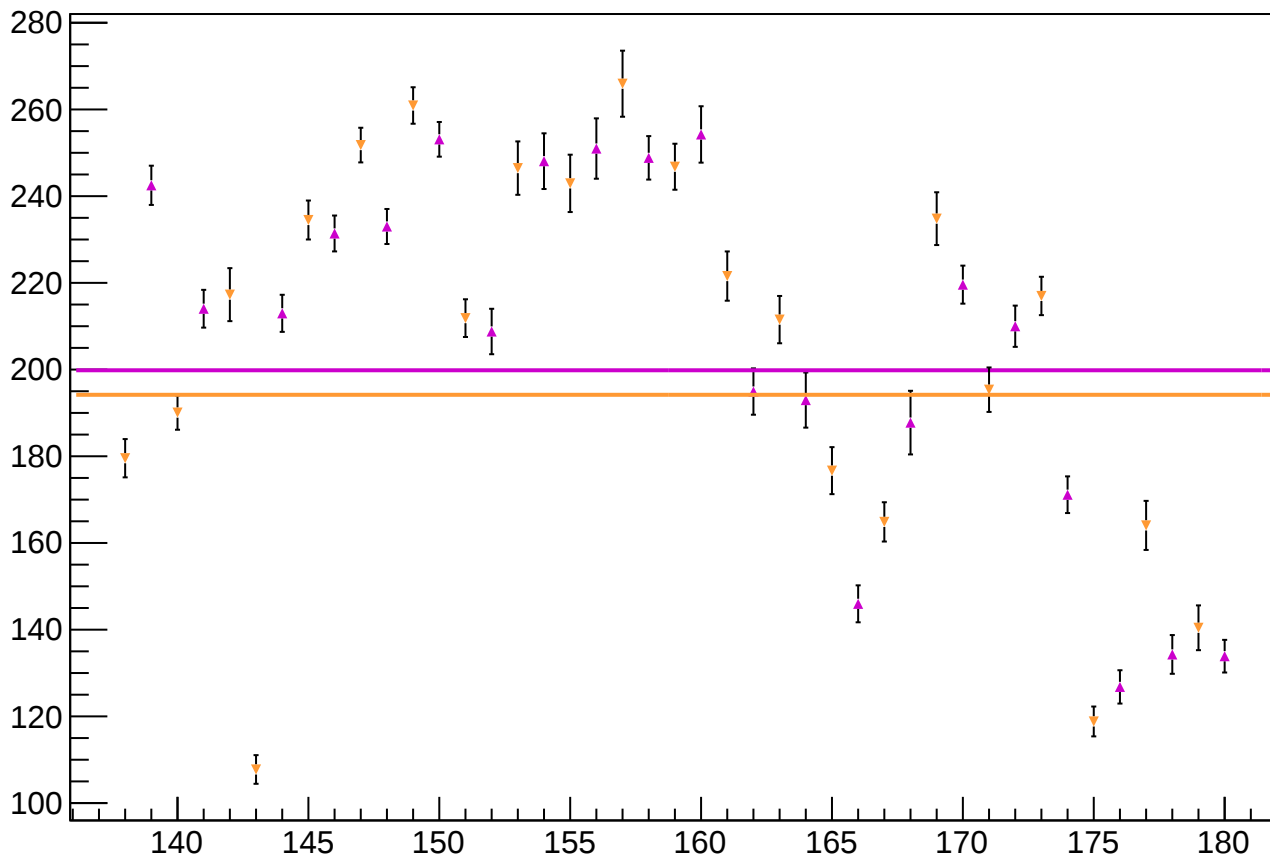
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 120.664+/-0.038 χ^2/NDF : 390482.5/37

Out: 111.639+/-0.037 χ^2/NDF : 1095373.1/39

All: 116.102+/-0.027 χ^2/NDF : 1514841.8/77

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: 194.180+/-1.014 χ^2/NDF :2351.5/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Left: 196.984+/-0.720 χ^2/NDF : 4175.7/42

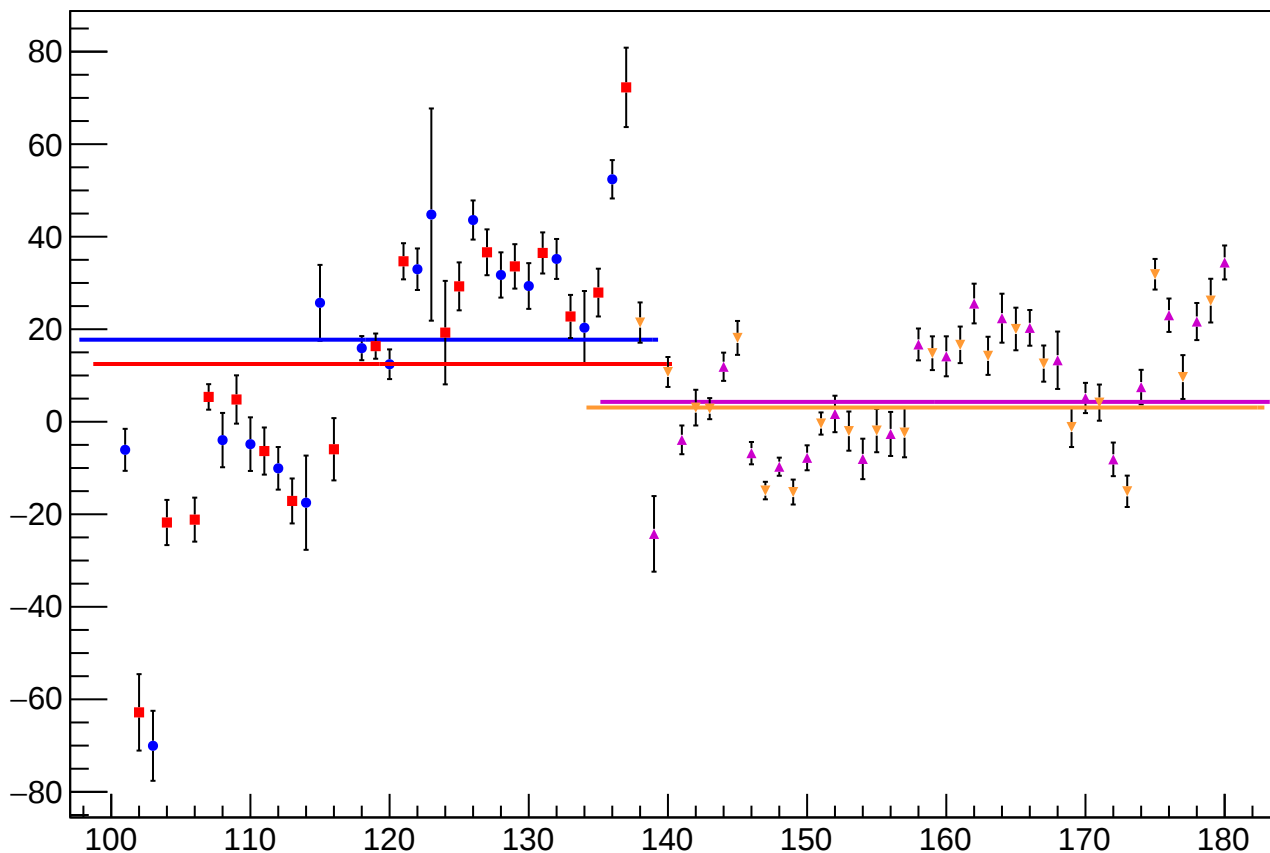
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Out: 194.180+/-1.014 χ^2/NDF :2351.5/21

All: 196.984+/-0.720 χ^2/NDF : 4175.7/42

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: 3.077 ± 0.724 χ^2/NDF : 361.8/21

Right Out: 12.484 ± 1.085 χ^2/NDF : 429.2/17

Left In: 4.294 ± 0.760 χ^2/NDF : 327.5/20

Left: 3.656 ± 0.524 χ^2/NDF : 690.7/42

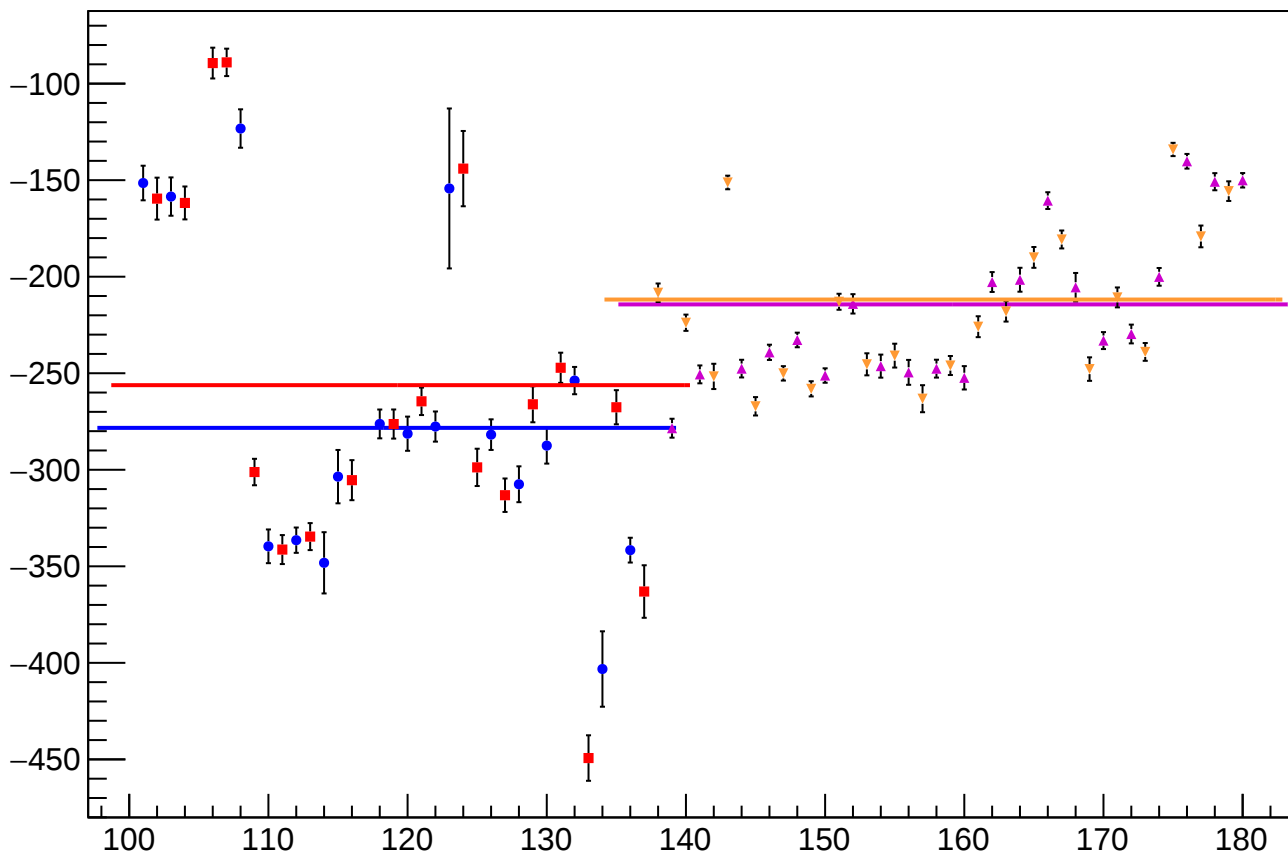
Right: 14.961 ± 0.789 χ^2/NDF : 834.2/34

In: 8.387 ± 0.634 χ^2/NDF : 816.8/37

Out: 5.976 ± 0.602 χ^2/NDF : 843.0/39

All: 7.120 ± 0.437 χ^2/NDF : 1667.4/77

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: -211.824 ± 1.011 χ^2/NDF : 1684.2/21

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -214.348 ± 1.013 χ^2/NDF : 1676.1/20

Left: -213.084 ± 0.716 χ^2/NDF : 3363.5/42

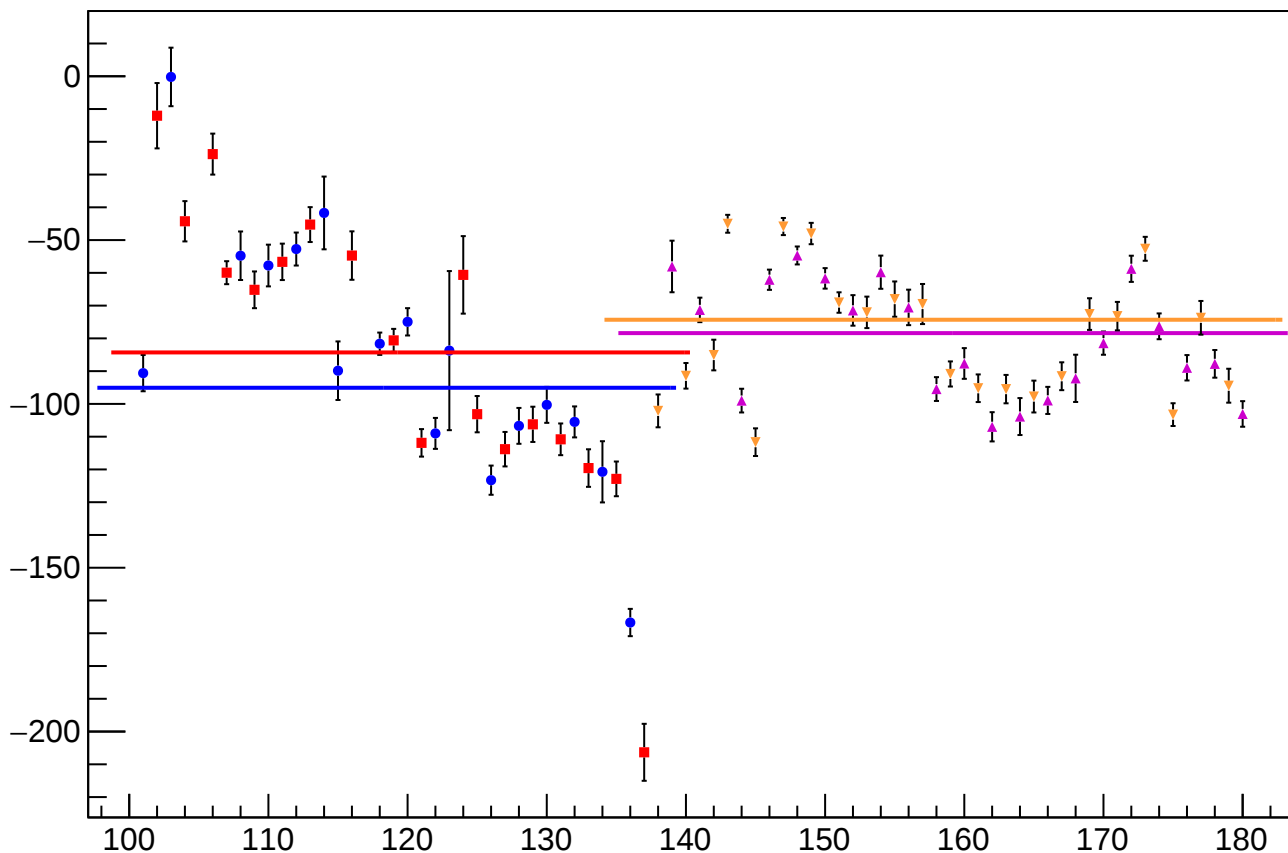
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -225.769 ± 0.918 χ^2/NDF : 3298.0/37

Out: -220.673 ± 0.904 χ^2/NDF : 4020.5/39

All: -223.183 ± 0.644 χ^2/NDF : 7334.1/77

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: -74.313 ± 0.847 χ^2/NDF : 664.4/21

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -78.394 ± 0.877 χ^2/NDF : 384.9/20

Left: -76.282 ± 0.609 χ^2/NDF : 1060.5/42

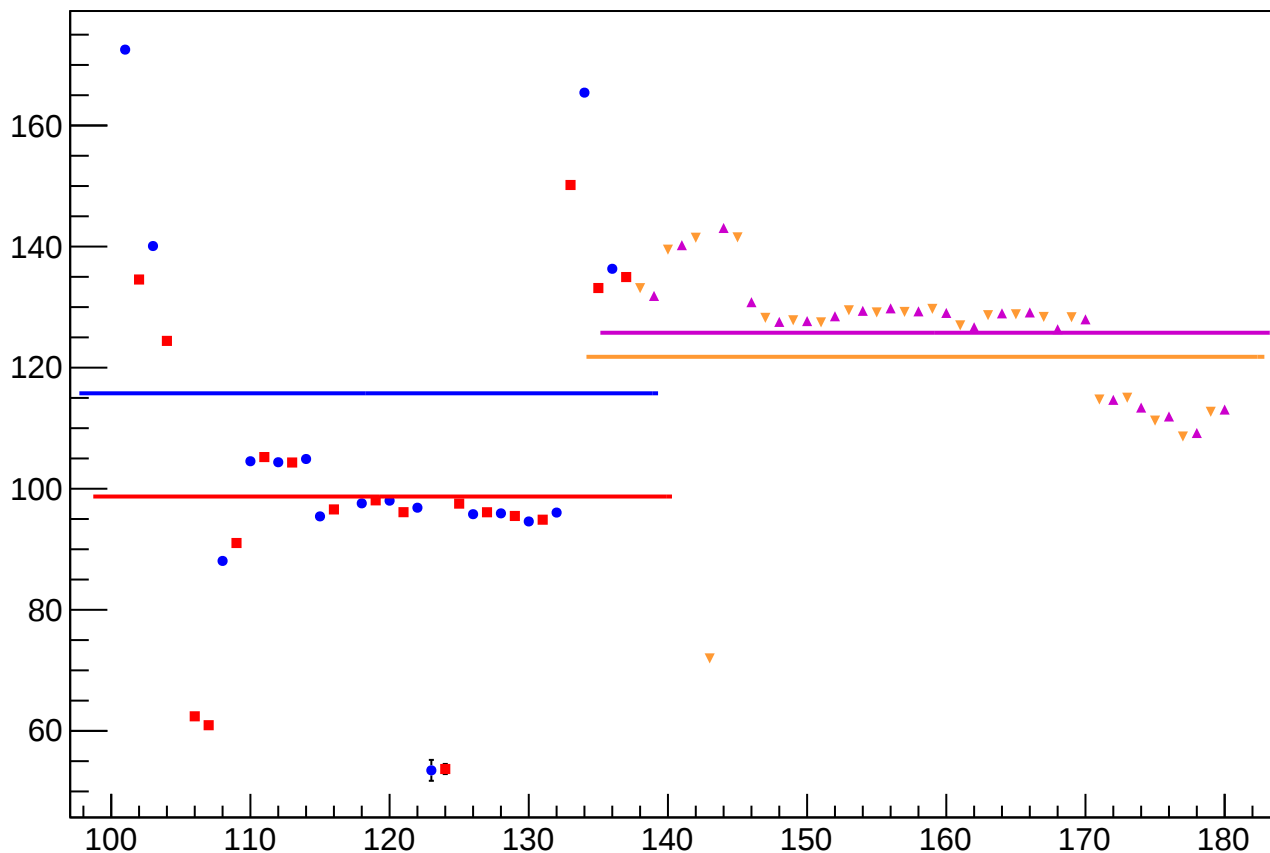
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.477 ± 0.732 χ^2/NDF : 1168.2/37

Out: -77.425 ± 0.703 χ^2/NDF : 1476.5/39

All: -80.329 ± 0.507 χ^2/NDF : 2680.3/77

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 121.792 $\pm$ 0.041 χ^2 /NDF:178911.7/21

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 125.766 $\pm$ 0.041 χ^2 /NDF:44867.5/20

Left: 123.769 $\pm$ 0.029 χ^2 /NDF: 228479.2/42

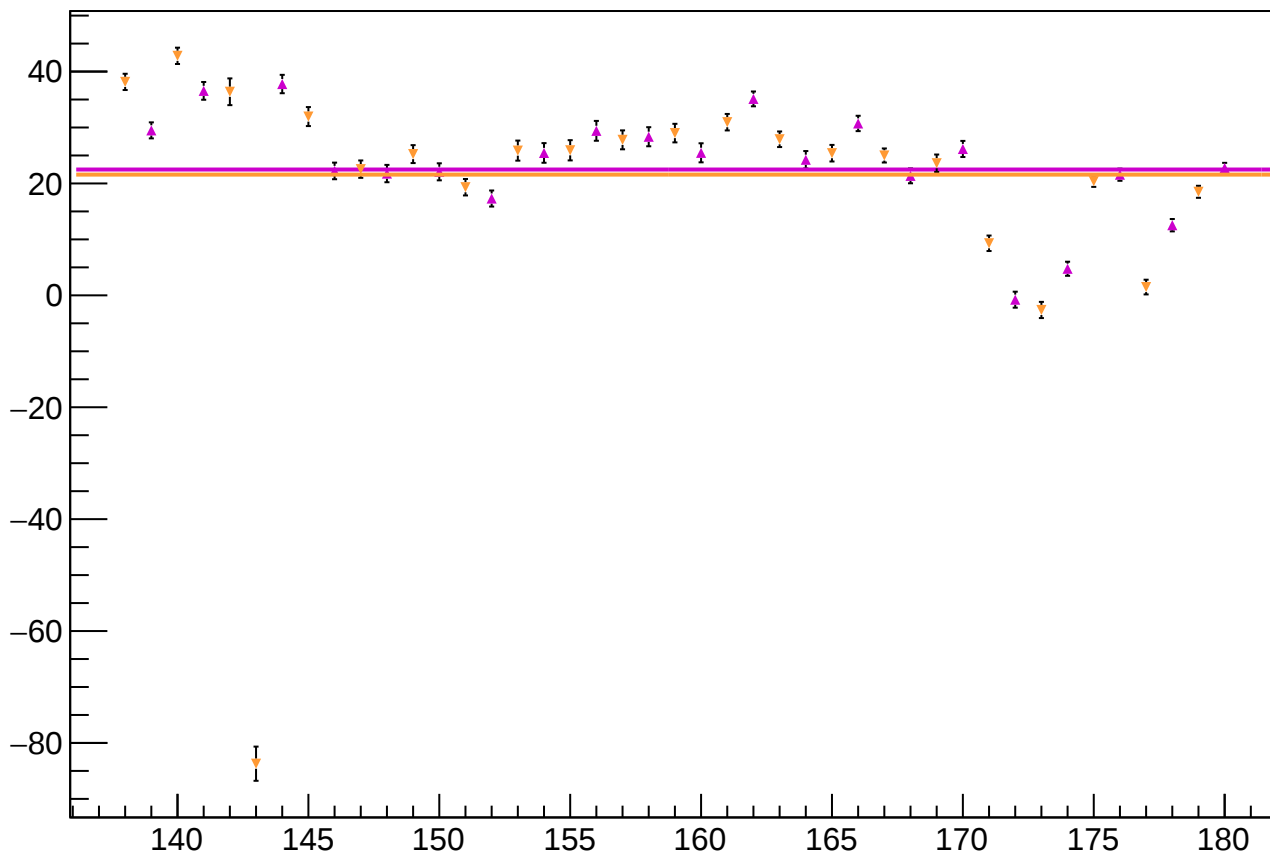
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 123.596 $\pm$ 0.036 χ^2 /NDF:164016.4/37

Out: 115.757 $\pm$ 0.035 χ^2 /NDF:432412.1/39

All: 119.542 $\pm$ 0.025 χ^2 /NDF: 620464.4/77

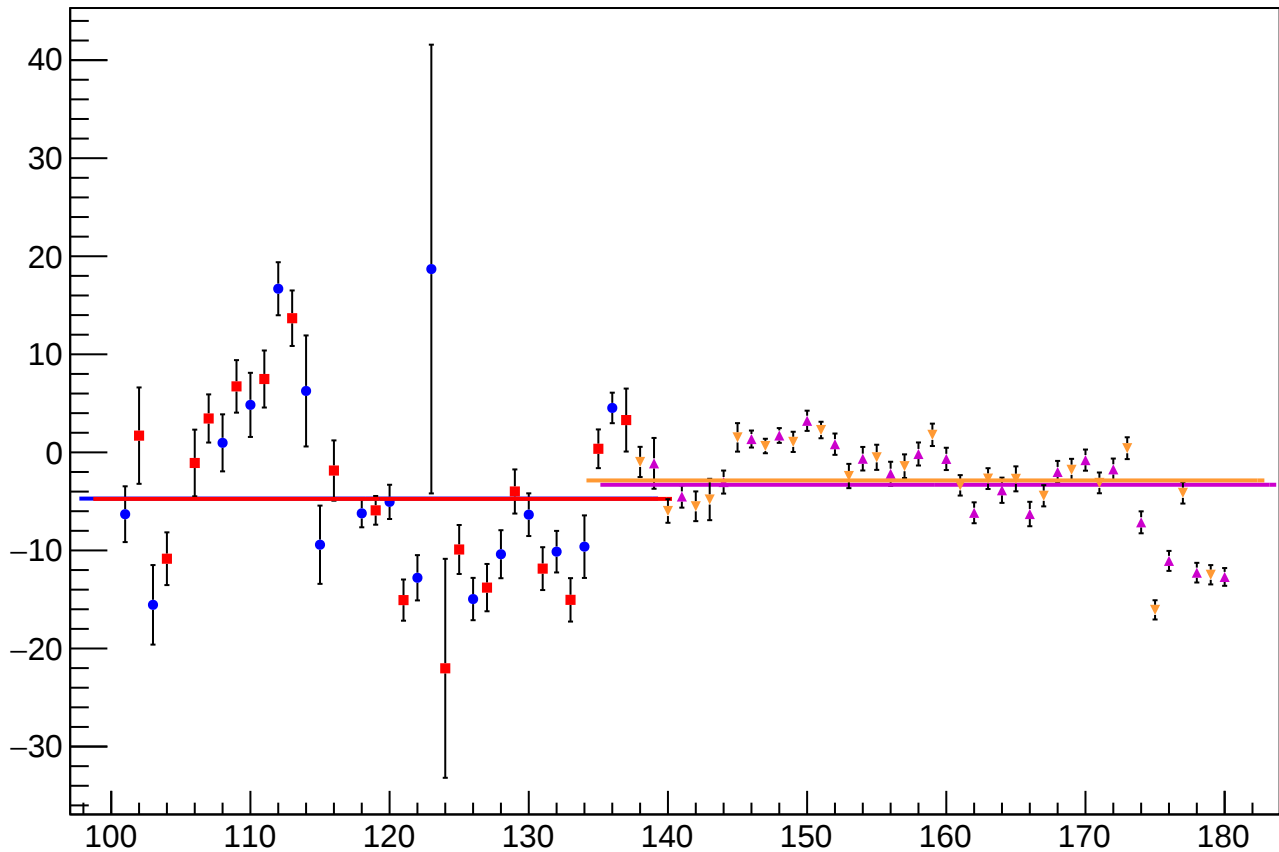
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.579+/-0.315 χ^2/NDF :2336.4/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.489+/-0.303 χ^2/NDF :915.5/20

Left: 22.052+/-0.218 χ^2/NDF : 3256.2/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.489+/-0.303 χ^2/NDF :915.5/20
 Out: 21.579+/-0.315 χ^2/NDF :2336.4/21
 All: 22.052+/-0.218 χ^2/NDF : 3256.2/42

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: -2.862 ± 0.237 χ^2/NDF : 407.0/21

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -3.303 ± 0.236 χ^2/NDF : 427.4/20

Left: -3.083 ± 0.167 χ^2/NDF : 836.2/42

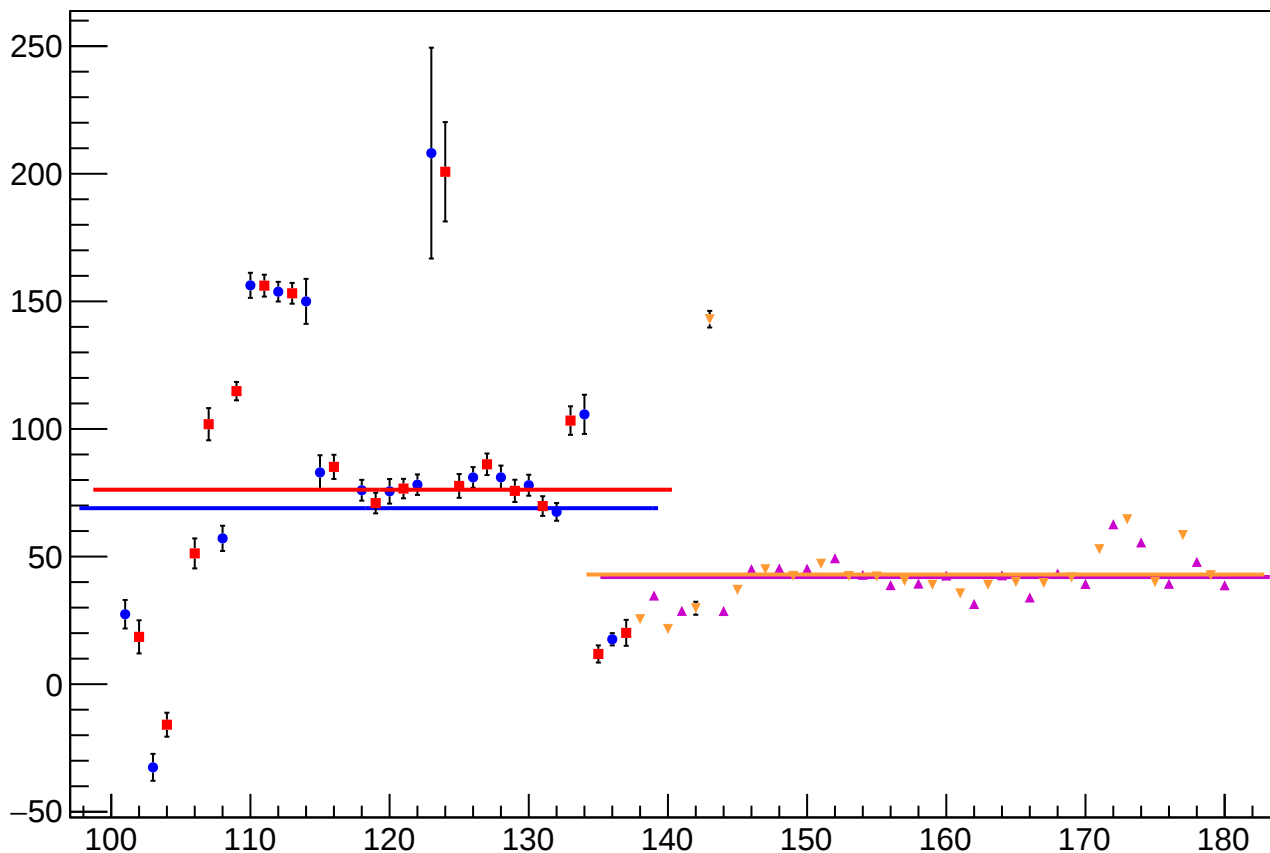
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -3.503 ± 0.219 χ^2/NDF : 607.2/37

Out: -3.127 ± 0.220 χ^2/NDF : 605.2/39

All: -3.316 ± 0.155 χ^2/NDF : 1213.8/77

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.973 ± 0.312 $\chi^2/\text{NDF}: 1766.1/21$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.987 ± 0.300 $\chi^2/\text{NDF}: 644.3/20$

Left: 42.461 ± 0.216 $\chi^2/\text{NDF}: 2415.6/42$

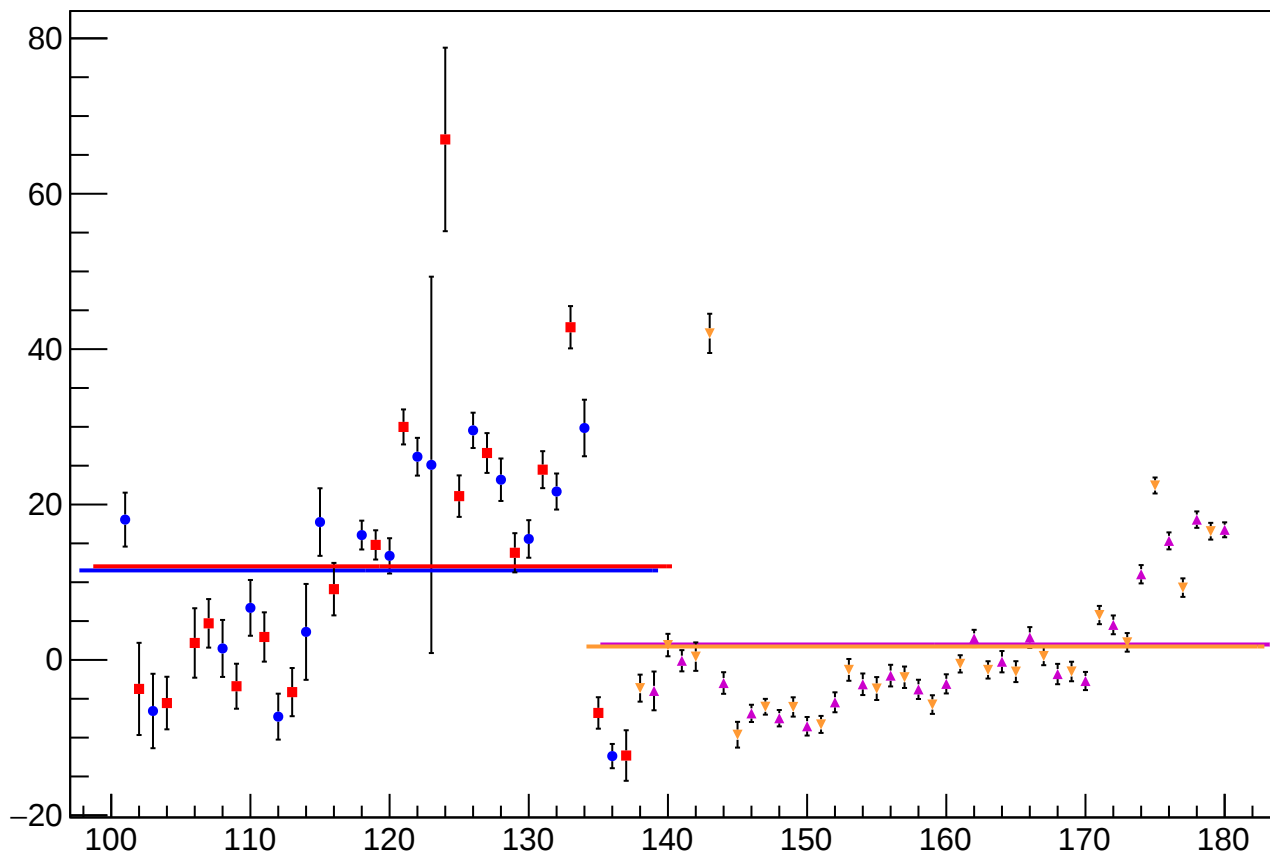
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.923 ± 0.289 $\chi^2/\text{NDF}: 3068.4/37$

Out: 45.568 ± 0.299 $\chi^2/\text{NDF}: 4534.4/39$

All: 44.717 ± 0.208 $\chi^2/\text{NDF}: 7618.4/77$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 1.728+/-0.270 χ^2/NDF :1232.1/21

Right Out: 12.046+/-0.665 χ^2/NDF : 538.7/17

Left In: 1.986+/-0.267 χ^2/NDF :1044.7/20

Left: 1.858+/-0.190 χ^2/NDF : 2277.3/42

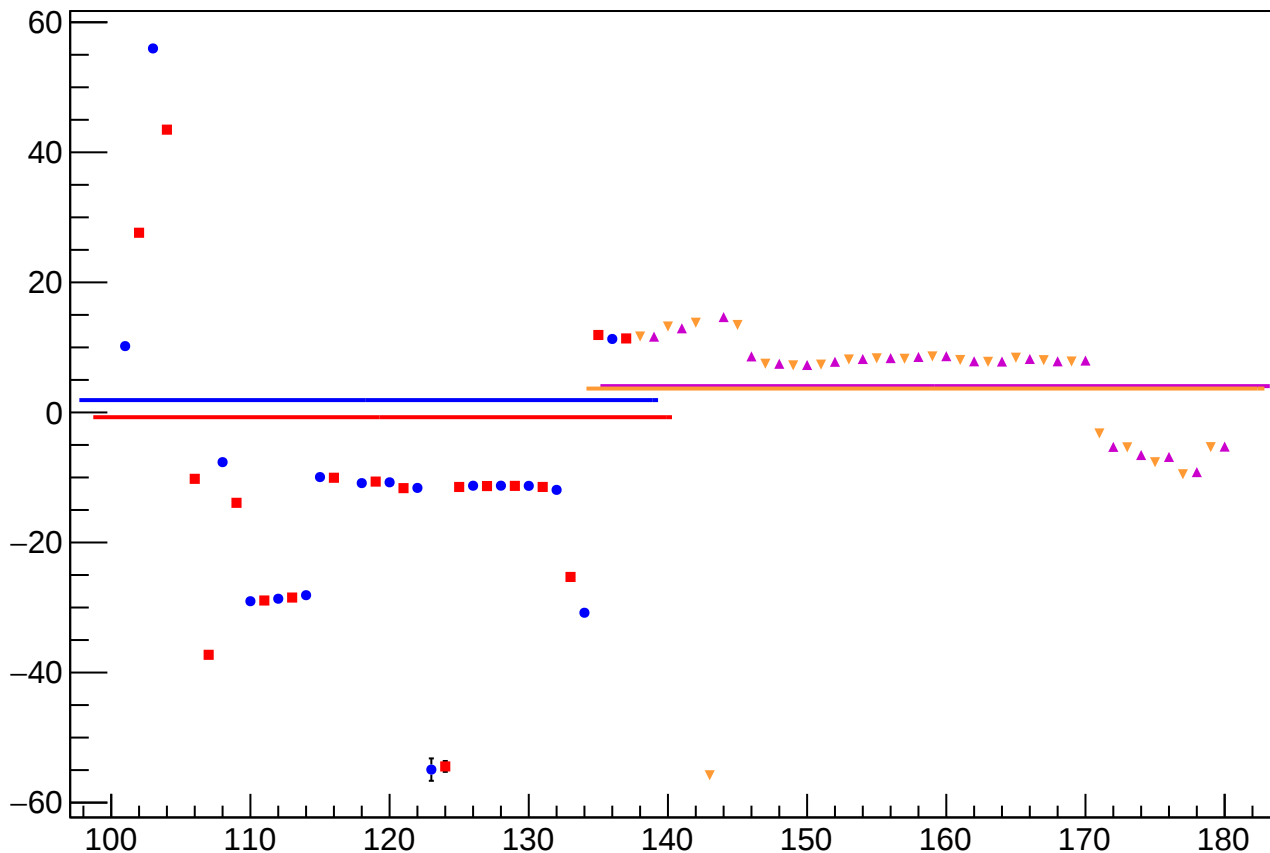
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 3.328+/-0.248 χ^2/NDF :1701.3/37

Out: 3.190+/-0.250 χ^2/NDF :1977.8/39

All: 3.260+/-0.176 χ^2/NDF : 3679.3/77

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: 3.671 $\pm$ 0.012 χ^2/NDF :543225.4/21

Right Out: -0.733 $\pm$ 0.037 χ^2/NDF : 359934.4/17

Left In: 4.047 $\pm$ 0.012 χ^2/NDF :360404.2/20

Left: 3.864 $\pm$ 0.009 χ^2/NDF : 904097.4/42

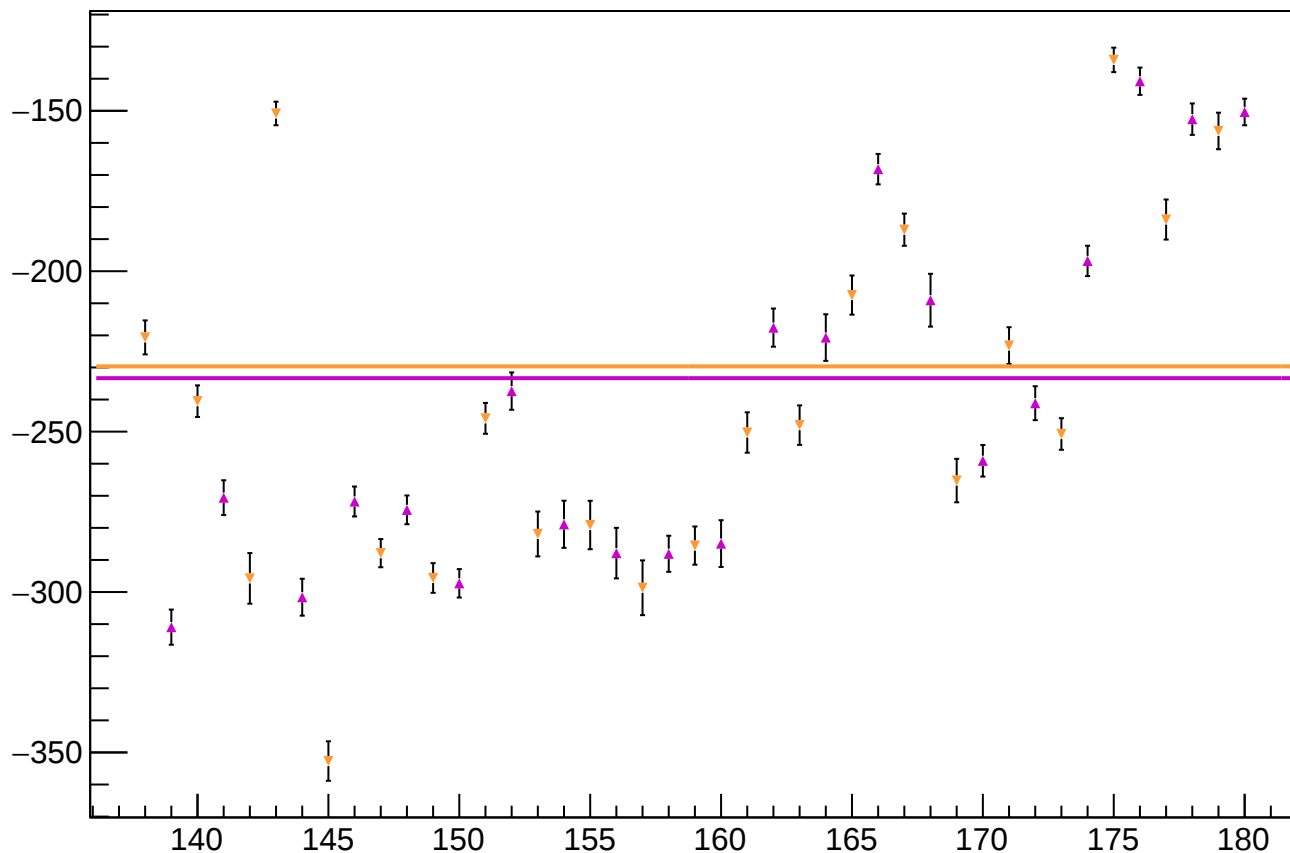
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 3.839 $\pm$ 0.012 χ^2/NDF :722305.5/37

Out: 3.226 $\pm$ 0.012 χ^2/NDF :915818.5/39

All: 3.540 $\pm$ 0.008 χ^2/NDF : 1639506.6/77

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: -229.666+/-1.153 χ^2/NDF :2580.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -233.340+/-1.161 χ^2/NDF :2421.8/20

Left: -231.491+/-0.818 χ^2/NDF : 5007.0/42

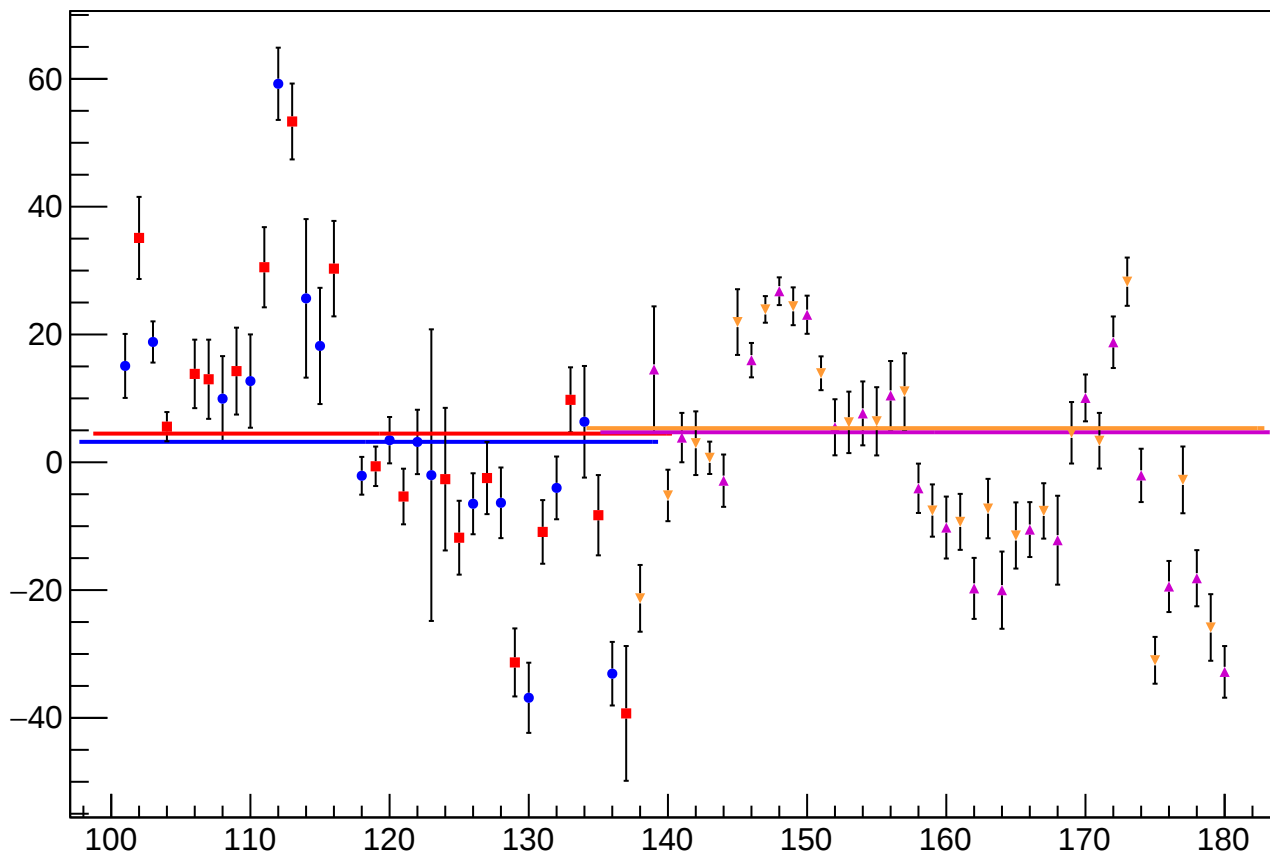
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -233.340+/-1.161 χ^2/NDF :2421.8/20

Out: -229.666+/-1.153 χ^2/NDF :2580.2/21

All: -231.491+/-0.818 χ^2/NDF : 5007.0/42

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 5.340 ± 0.819 $\chi^2/\text{NDF}: 401.2/21$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 4.699 ± 0.861 $\chi^2/\text{NDF}: 407.4/20$

Left: 5.035 ± 0.593 $\chi^2/\text{NDF}: 808.9/42$

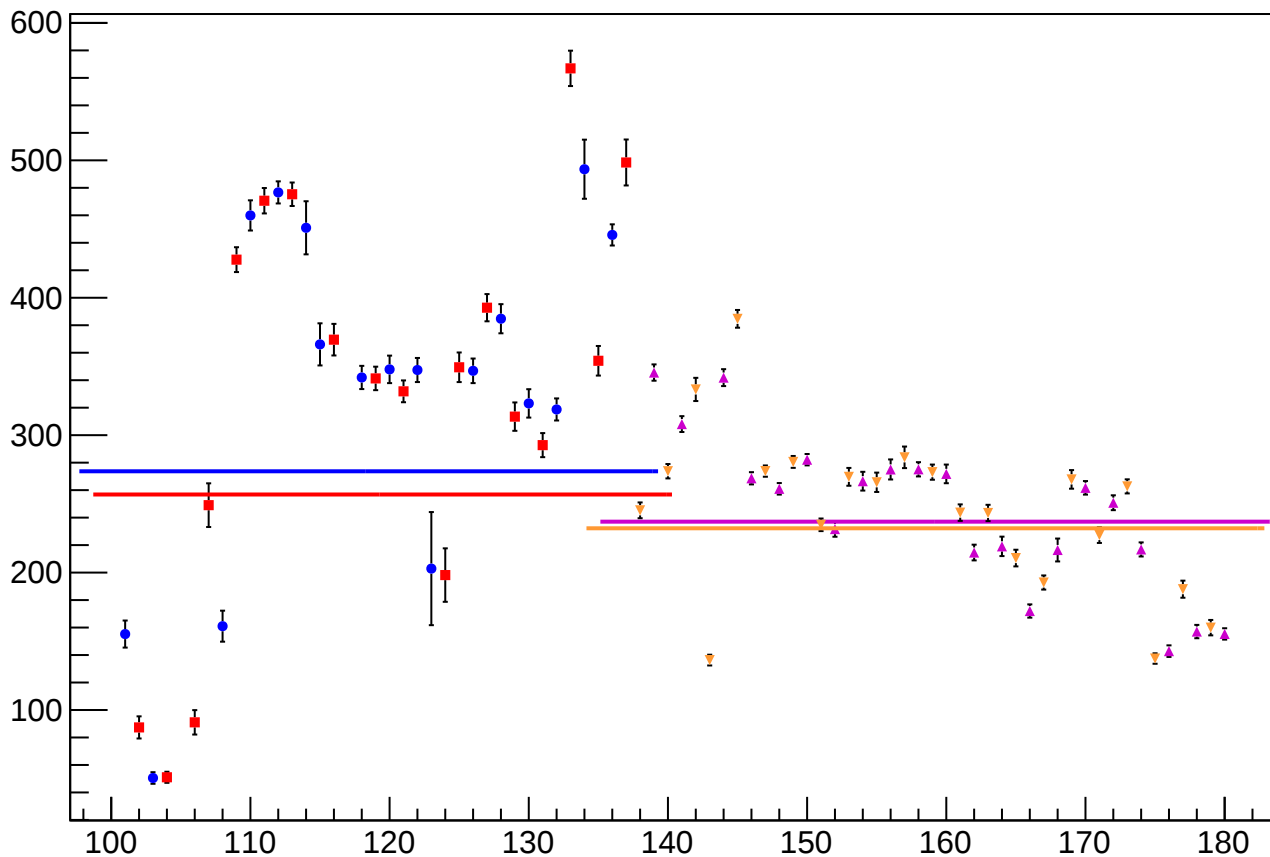
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 4.205 ± 0.705 $\chi^2/\text{NDF}: 663.6/37$

Out: 5.056 ± 0.669 $\chi^2/\text{NDF}: 623.3/39$

All: 4.653 ± 0.485 $\chi^2/\text{NDF}: 1287.6/77$

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: 232.231 $\pm$ 1.146 χ^2 /NDF:2730.0/21

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 237.057 $\pm$ 1.147 χ^2 /NDF:2522.9/20

Left: 234.642 $\pm$ 0.811 χ^2 /NDF: 5261.8/42

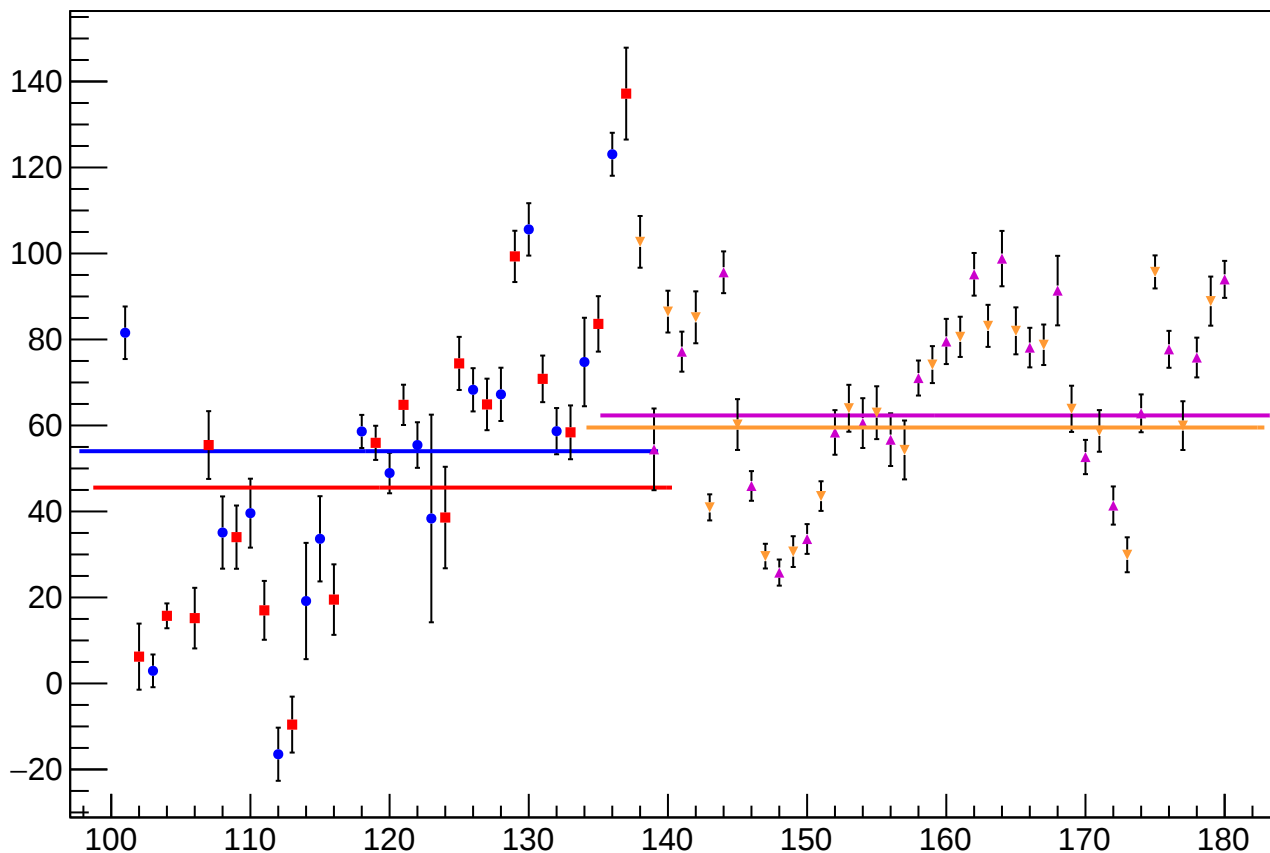
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 244.923 $\pm$ 1.017 χ^2 /NDF:7845.4/37

Out: 237.944 $\pm$ 1.004 χ^2 /NDF:9248.7/39

All: 241.391 $\pm$ 0.714 χ^2 /NDF: 17118.0/77

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: 59.525 $\pm$ 0.959 χ^2 /NDF: 592.1/21

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 62.332 $\pm$ 0.993 χ^2 /NDF: 515.1/20

Left: 60.879 $\pm$ 0.690 χ^2 /NDF: 1111.3/42

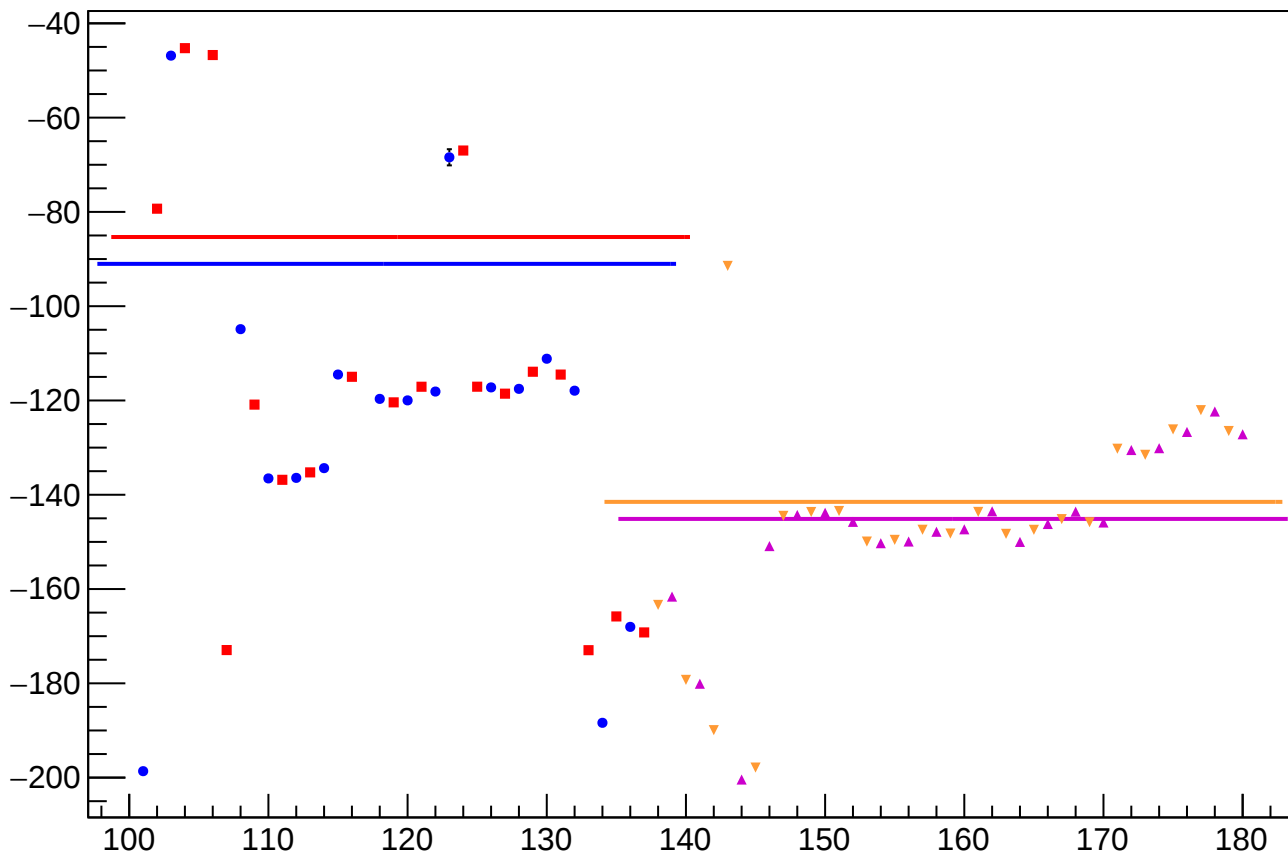
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 59.607 $\pm$ 0.815 χ^2 /NDF: 1170.9/37

Out: 54.877 $\pm$ 0.783 χ^2 /NDF: 1189.3/39

All: 57.150 $\pm$ 0.565 χ^2 /NDF: 2377.7/77

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -141.508 ± 0.046 $\chi^2/\text{NDF}: 235231.1/21$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -145.125 ± 0.047 $\chi^2/\text{NDF}: 112295.6/20$

Left: -143.309 ± 0.033 $\chi^2/\text{NDF}: 350551.7/42$

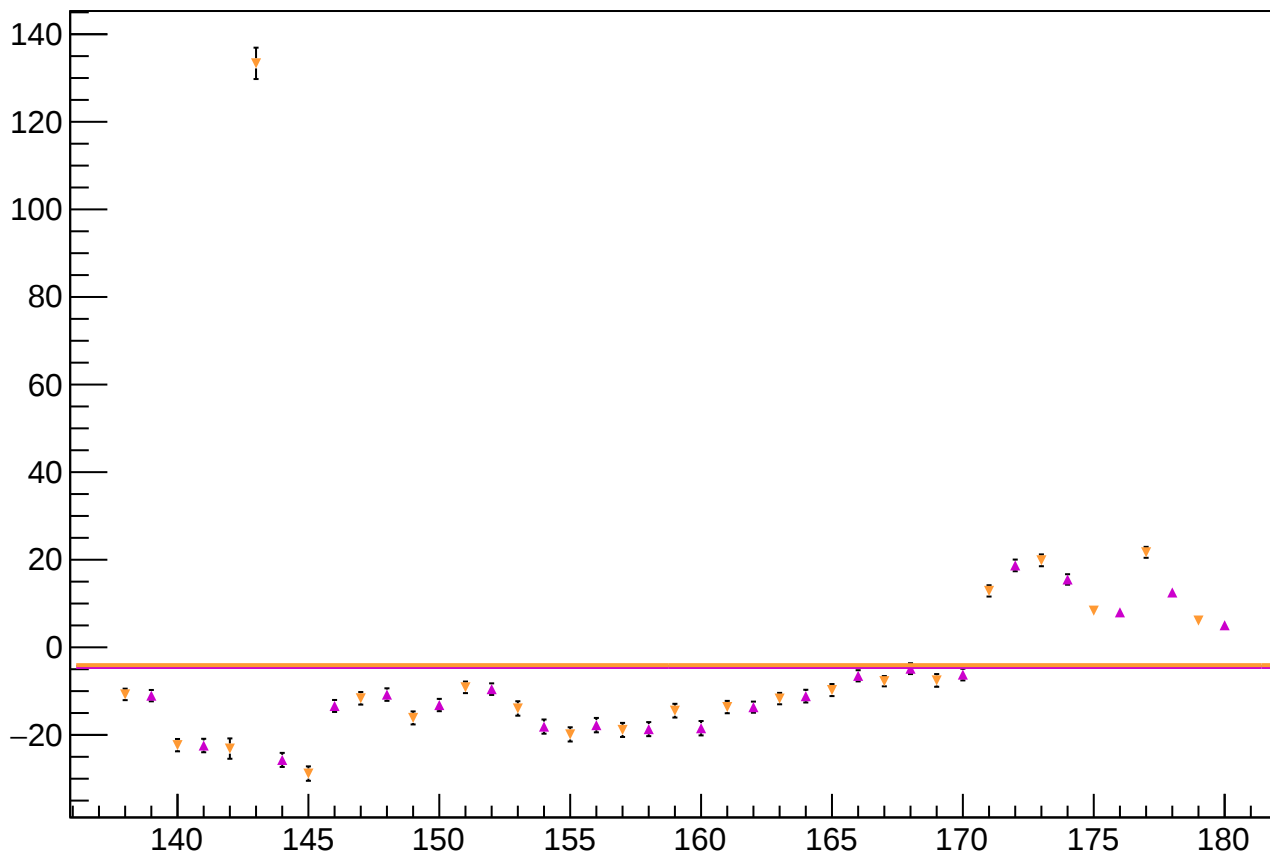
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.694 ± 0.038 $\chi^2/\text{NDF}: 1080974.1/37$

Out: -122.598 ± 0.038 $\chi^2/\text{NDF}: 1211524.3/39$

All: -125.109 ± 0.027 $\chi^2/\text{NDF}: 2301448.9/77$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected

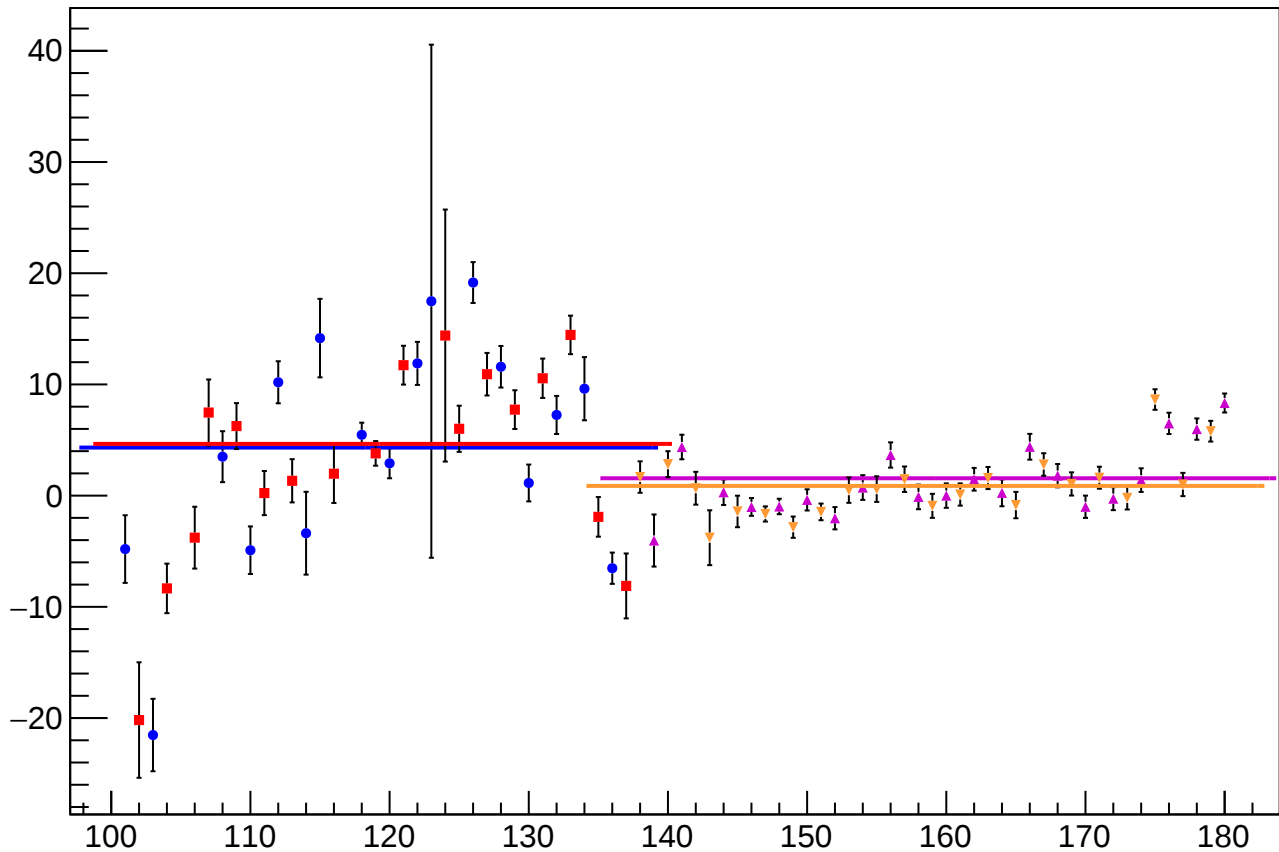


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.070+/-0.296 χ^2/NDF : 3617.9/21
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.486+/-0.284 χ^2/NDF : 1924.9/20

Left: -4.286+/-0.205 χ^2/NDF : 5543.8/42
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.486+/-0.284 χ^2/NDF : 1924.9/20
 Out: -4.070+/-0.296 χ^2/NDF : 3617.9/21

All: -4.286+/-0.205 χ^2/NDF : 5543.8/42

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: 0.874 ± 0.222 $\chi^2/\text{NDF}: 158.0/21$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 1.563 ± 0.221 $\chi^2/\text{NDF}: 190.0/20$

Left: 1.219 ± 0.157 $\chi^2/\text{NDF}: 352.9/42$

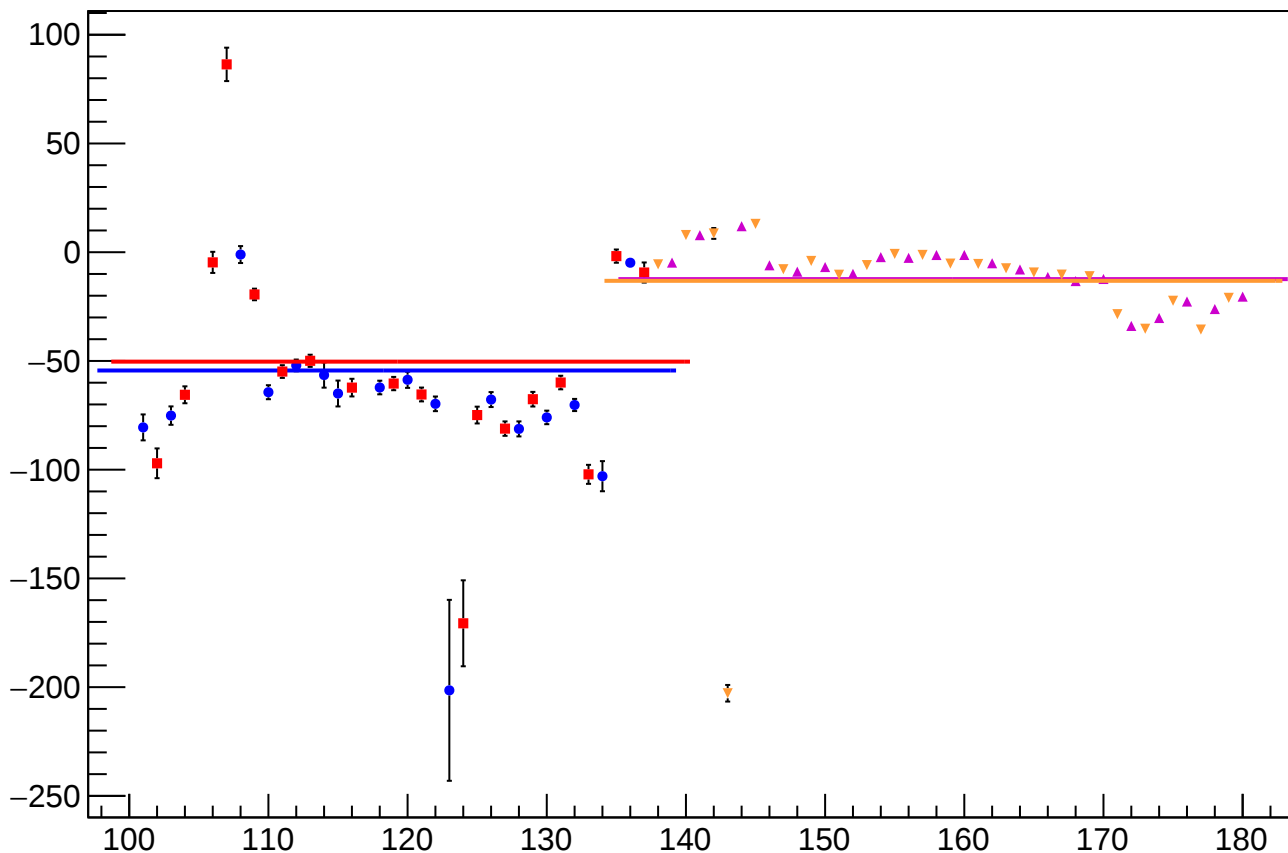
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 2.072 ± 0.200 $\chi^2/\text{NDF}: 499.0/37$

Out: 1.553 ± 0.201 $\chi^2/\text{NDF}: 394.6/39$

All: 1.814 ± 0.142 $\chi^2/\text{NDF}: 897.0/77$

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: -13.155 ± 0.292 $\chi^2/\text{NDF}: 4177.0/21$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -12.372 ± 0.281 $\chi^2/\text{NDF}: 1477.5/20$

Left: -12.749 ± 0.203 $\chi^2/\text{NDF}: 5658.3/42$

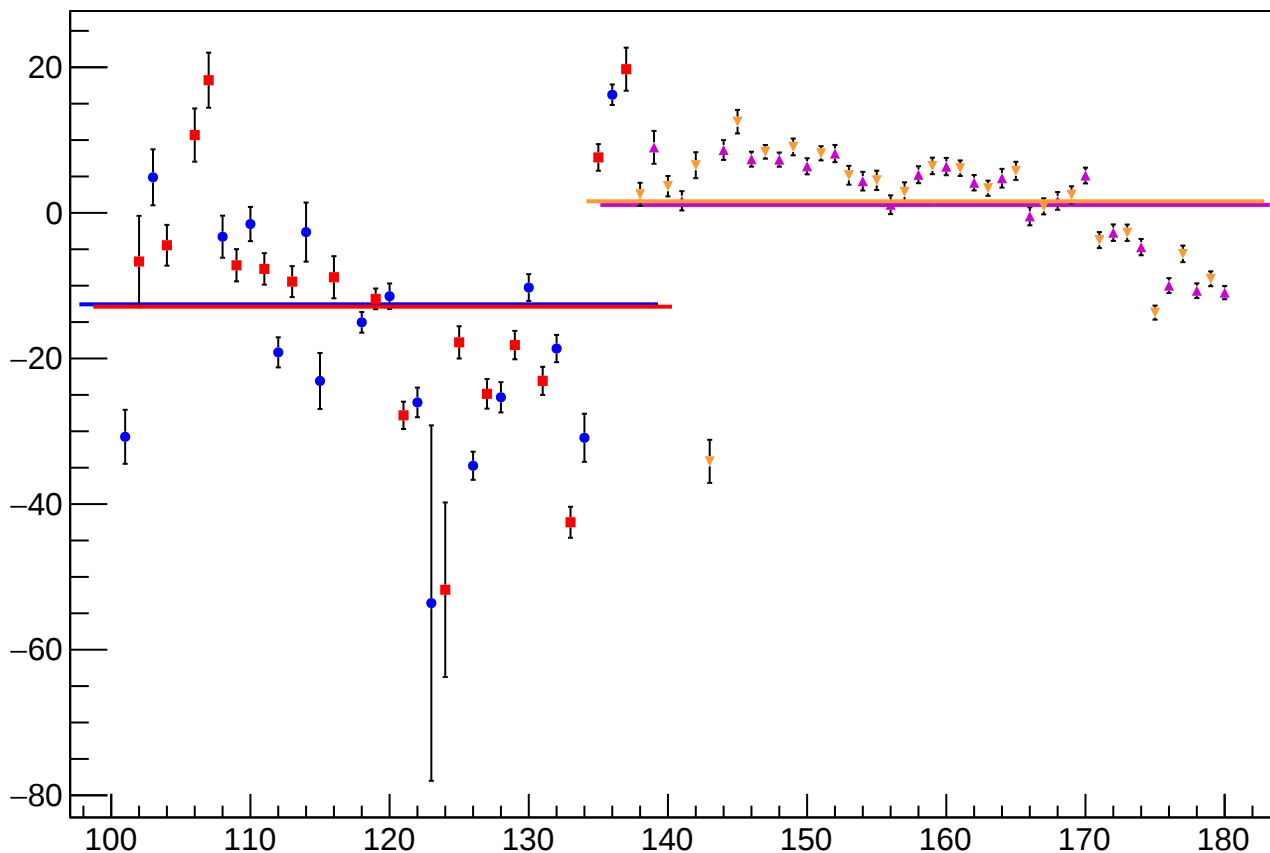
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -16.397 ± 0.268 $\chi^2/\text{NDF}: 4627.3/37$

Out: -17.016 ± 0.277 $\chi^2/\text{NDF}: 7176.1/39$

All: -16.696 ± 0.192 $\chi^2/\text{NDF}: 11806.0/77$

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: 1.589 ± 0.253 χ^2/NDF : 844.9/21

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 1.093 ± 0.251 χ^2/NDF : 719.0/20

Left: 1.339 ± 0.178 χ^2/NDF : 1565.8/42

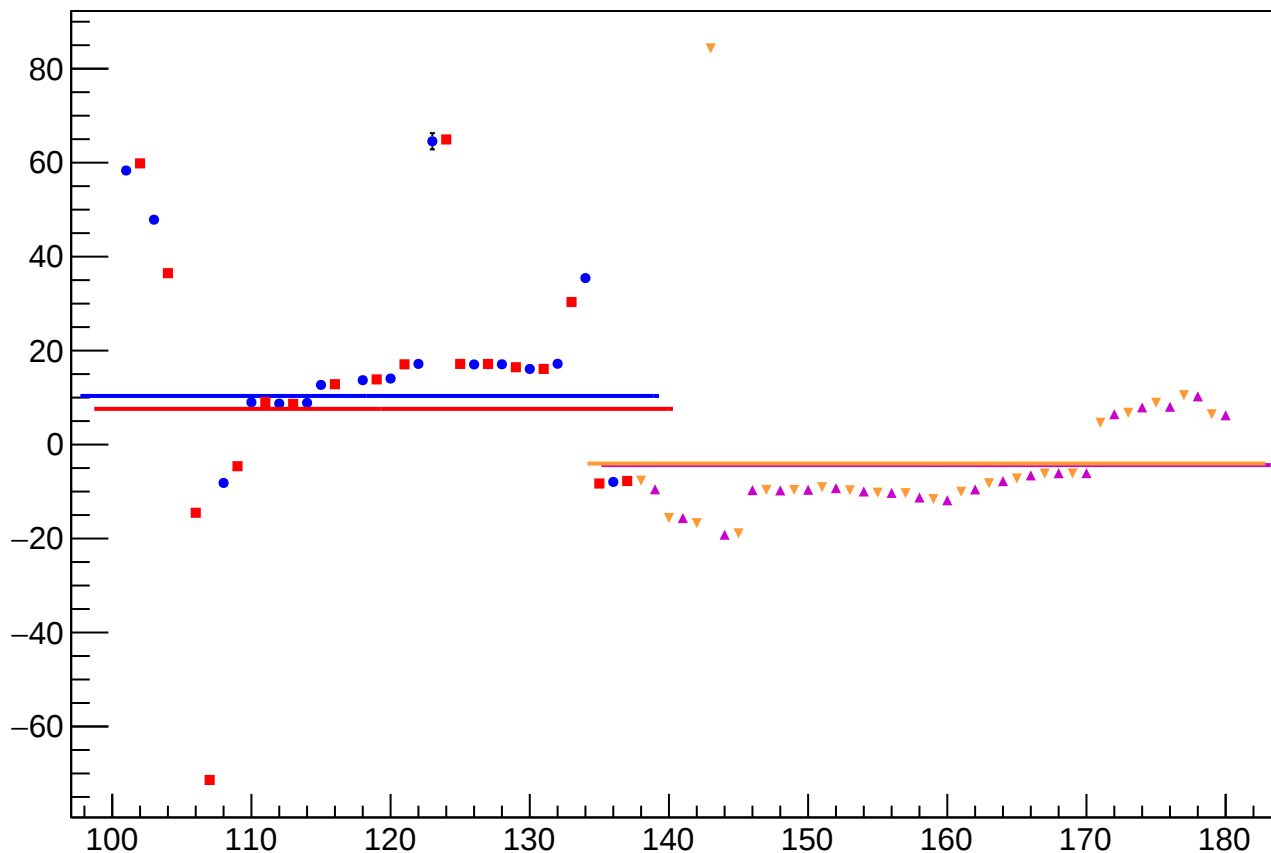
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -1.394 ± 0.227 χ^2/NDF : 2038.4/37

Out: -1.032 ± 0.229 χ^2/NDF : 2163.3/39

All: -1.215 ± 0.161 χ^2/NDF : 4202.9/77

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -4.036+/-0.012 χ^2/NDF : 847466.4/21

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -4.363+/-0.011 χ^2/NDF : 541177.9/20

Left: -4.204+/-0.008 χ^2/NDF : 1389048.3/42

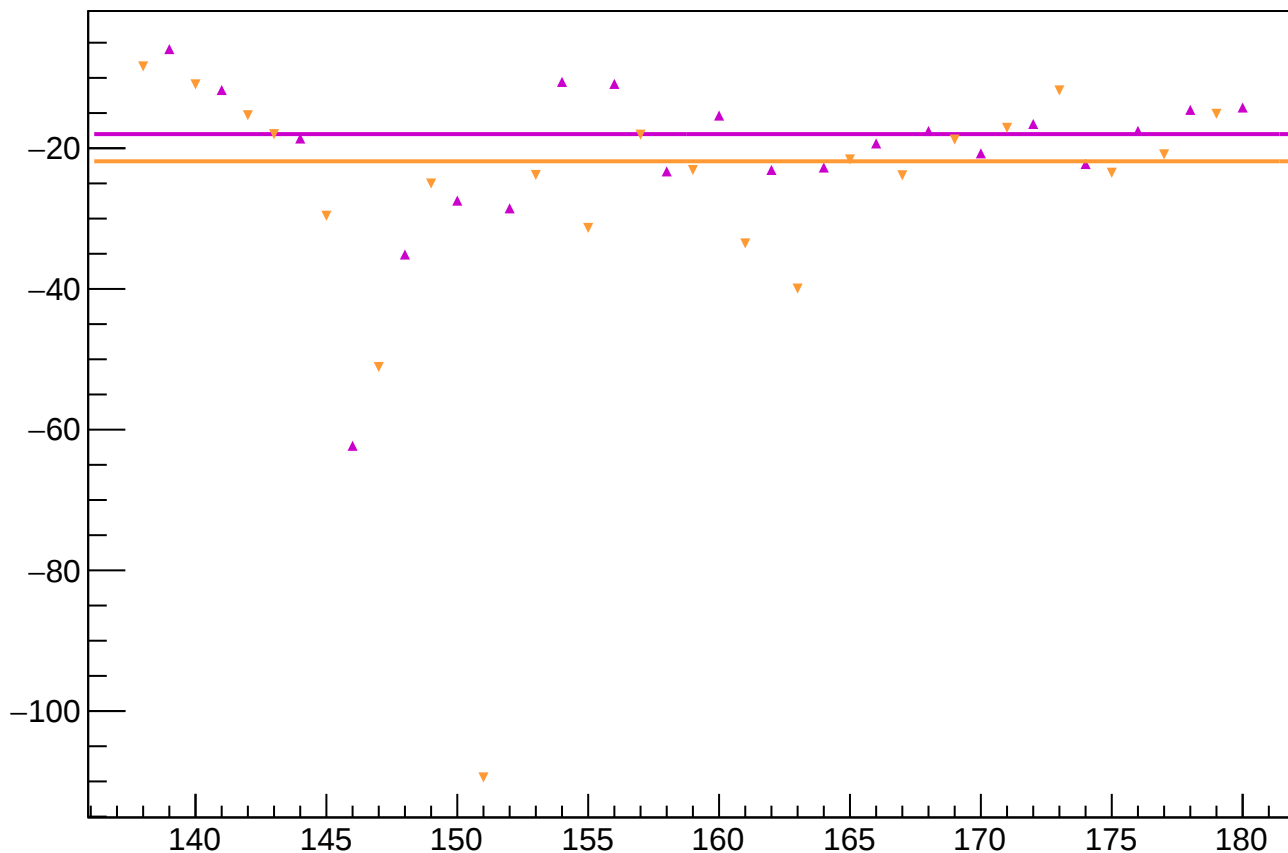
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -2.584+/-0.011 χ^2/NDF : 1125557.6/37

Out: -2.618+/-0.011 χ^2/NDF : 1507389.3/39

All: -2.601+/-0.008 χ^2/NDF : 2632951.9/77

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: -21.856+/-0.046 χ^2/NDF :65160.9/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.992+/-0.041 χ^2/NDF :40284.7/20

Left: -19.696+/-0.031 χ^2/NDF : 109345.8/42

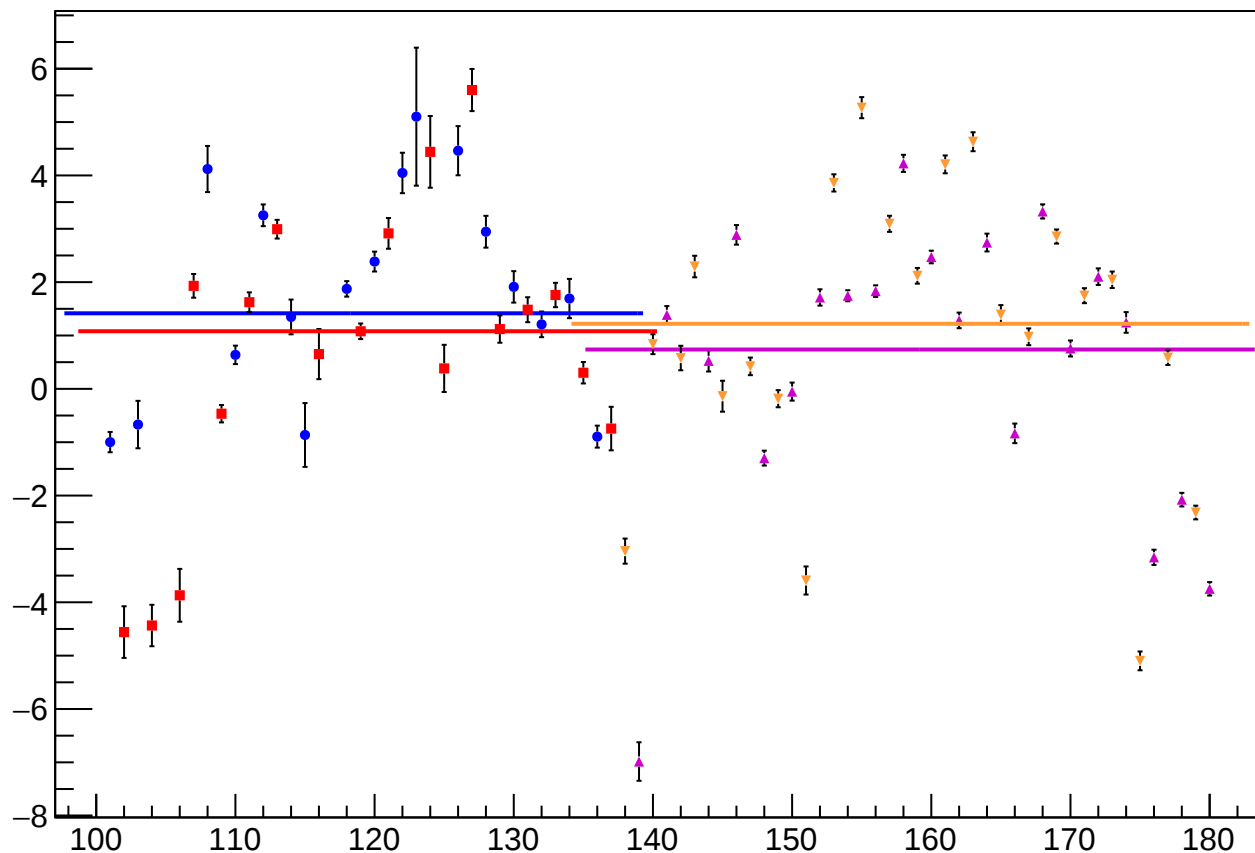
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.992+/-0.041 χ^2/NDF :40284.7/20

Out: -21.856+/-0.046 χ^2/NDF :65160.9/21

All: -19.696+/-0.031 χ^2/NDF : 109345.8/42

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.219 ± 0.036 χ^2/NDF : 4652.9/21

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.738 ± 0.032 χ^2/NDF : 4962.5/20

Left: 0.952 ± 0.024 χ^2/NDF : 9715.9/42

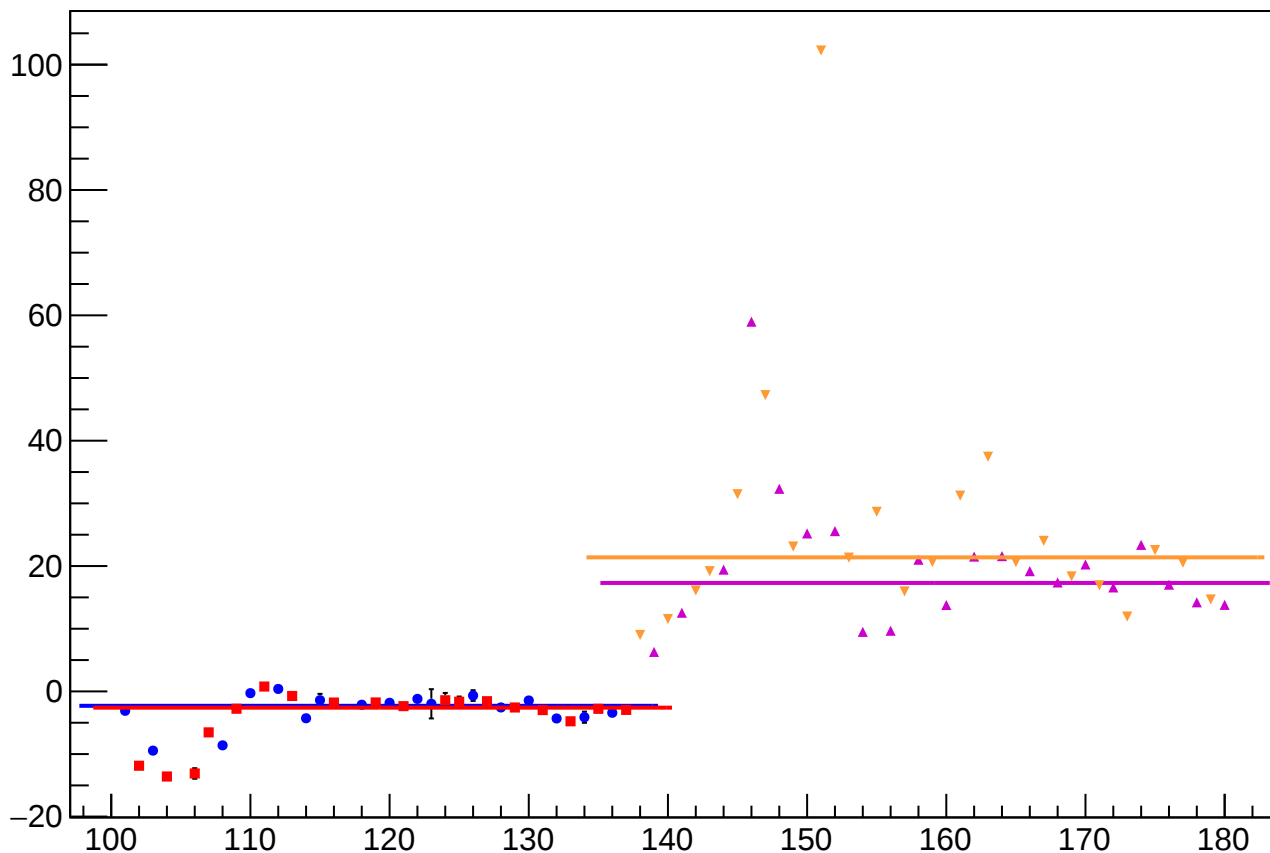
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.884 ± 0.028 χ^2/NDF : 5690.1/37

Out: 1.181 ± 0.030 χ^2/NDF : 5573.2/39

All: 1.022 ± 0.021 χ^2/NDF : 11314.2/77

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: 21.386 ± 0.046 χ^2/NDF : 58390.0/21

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.304 ± 0.040 χ^2/NDF : 38021.4/20

Left: 19.086 ± 0.030 χ^2/NDF : 100880.2/42

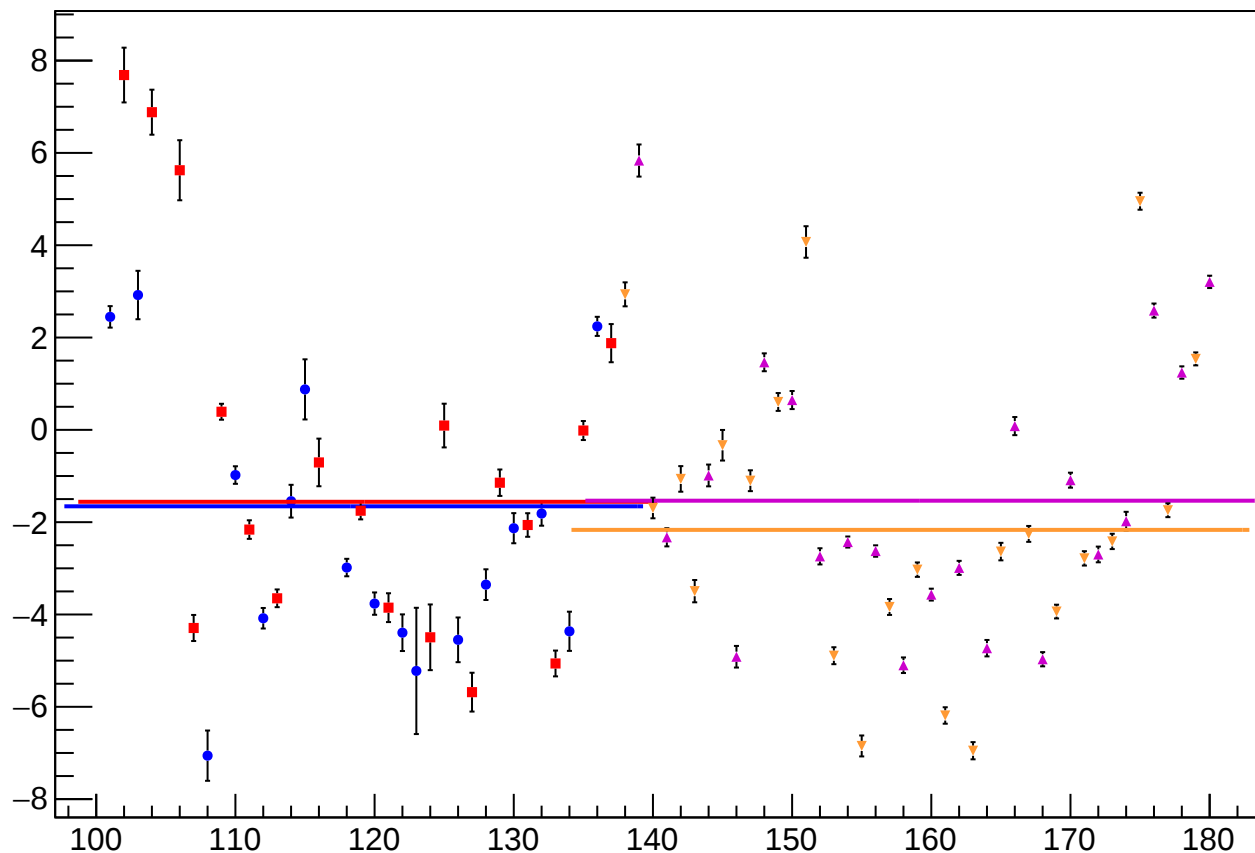
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 15.009 ± 0.038 χ^2/NDF : 66079.7/37

Out: 17.172 ± 0.042 χ^2/NDF : 107377.2/39

All: 15.990 ± 0.028 χ^2/NDF : 174932.6/77

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: -2.167 ± 0.040 χ^2/NDF : 5332.4/21

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.535 ± 0.036 χ^2/NDF : 5365.1/20

Left: -1.815 ± 0.027 χ^2/NDF : 10835.7/42

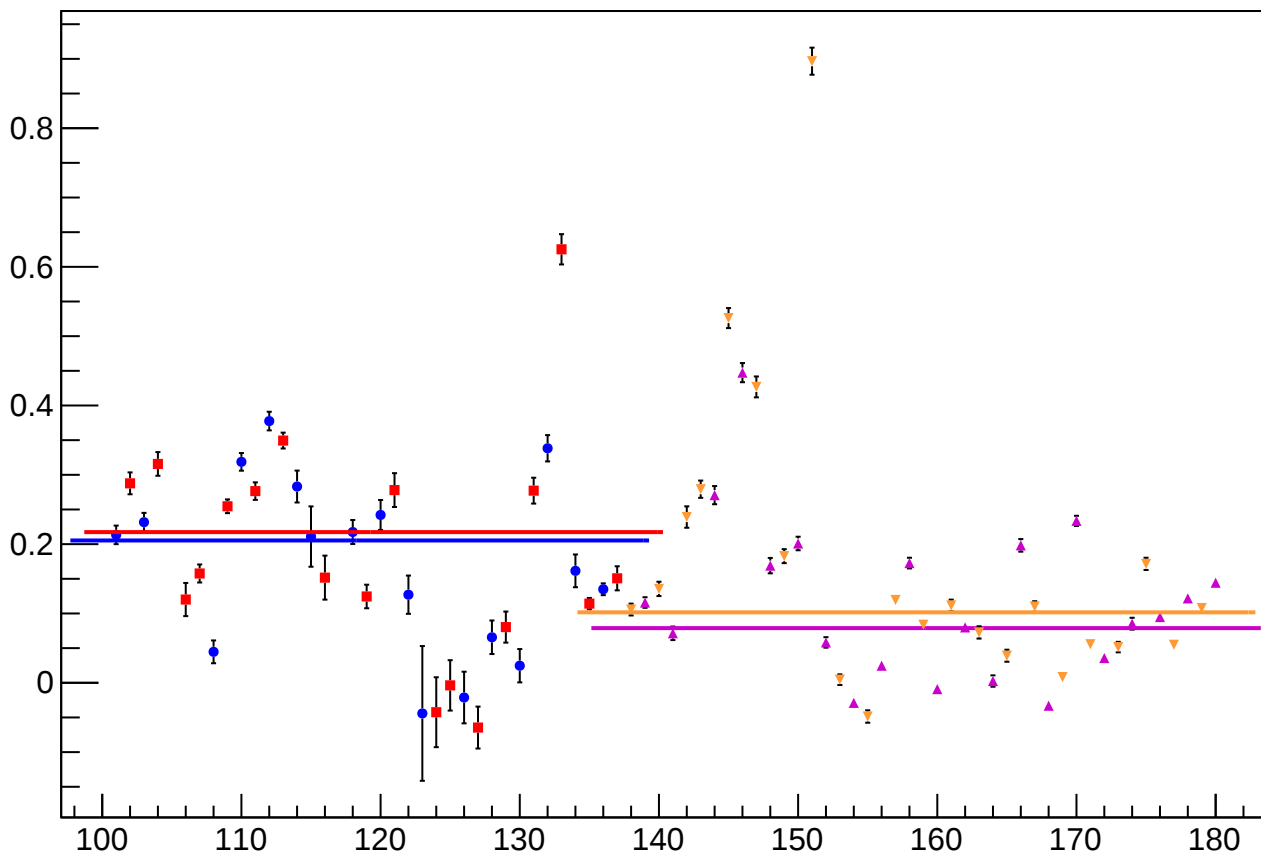
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.560 ± 0.032 χ^2/NDF : 6638.6/37

Out: -2.002 ± 0.034 χ^2/NDF : 6879.6/39

All: -1.765 ± 0.023 χ^2/NDF : 13607.4/77

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 0.102 ± 0.002 $\chi^2/\text{NDF}: 4265.5/21$

Right Out: 0.217 ± 0.004 $\chi^2/\text{NDF}: 1019.4/17$

Left In: 0.079 ± 0.002 $\chi^2/\text{NDF}: 3397.2/20$

Left: 0.089 ± 0.001 $\chi^2/\text{NDF}: 7753.9/42$

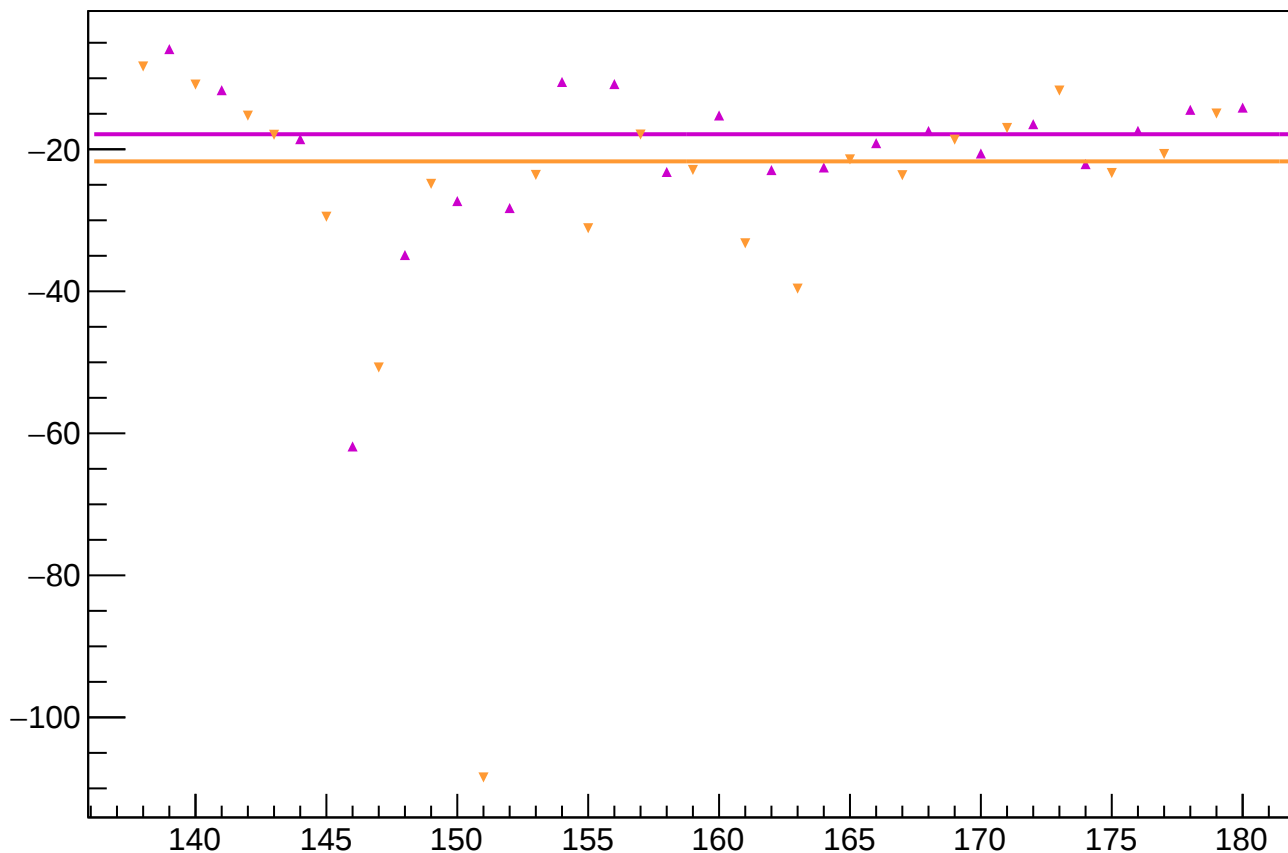
Right: 0.212 ± 0.003 $\chi^2/\text{NDF}: 1644.6/34$

In: 0.095 ± 0.001 $\chi^2/\text{NDF}: 4833.4/37$

Out: 0.124 ± 0.002 $\chi^2/\text{NDF}: 6073.0/39$

All: 0.108 ± 0.001 $\chi^2/\text{NDF}: 11080.6/77$

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: -21.704+/-0.046 χ^2/NDF : 65025.3/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.882+/-0.041 χ^2/NDF : 40205.6/20

Left: -19.568+/-0.031 χ^2/NDF : 109101.0/42

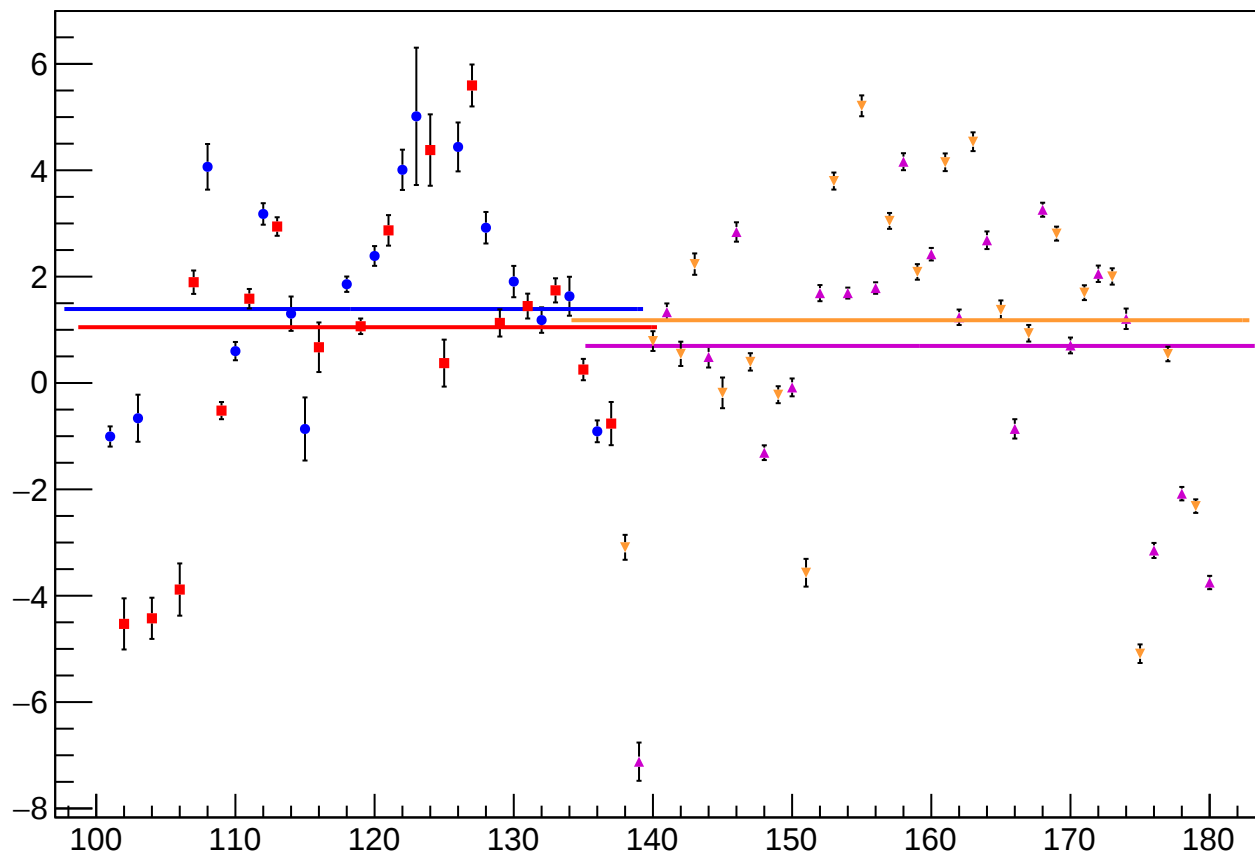
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.882+/-0.041 χ^2/NDF : 40205.6/20

Out: -21.704+/-0.046 χ^2/NDF : 65025.3/21

All: -19.568+/-0.031 χ^2/NDF : 109101.0/42

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 1.180 ± 0.036 $\chi^2/\text{NDF}: 4648.2/21$

Right Out: 1.049 ± 0.058 $\chi^2/\text{NDF}: 919.8/17$

Left In: 0.697 ± 0.032 $\chi^2/\text{NDF}: 4955.7/20$

Left: 0.912 ± 0.024 $\chi^2/\text{NDF}: 9706.4/42$

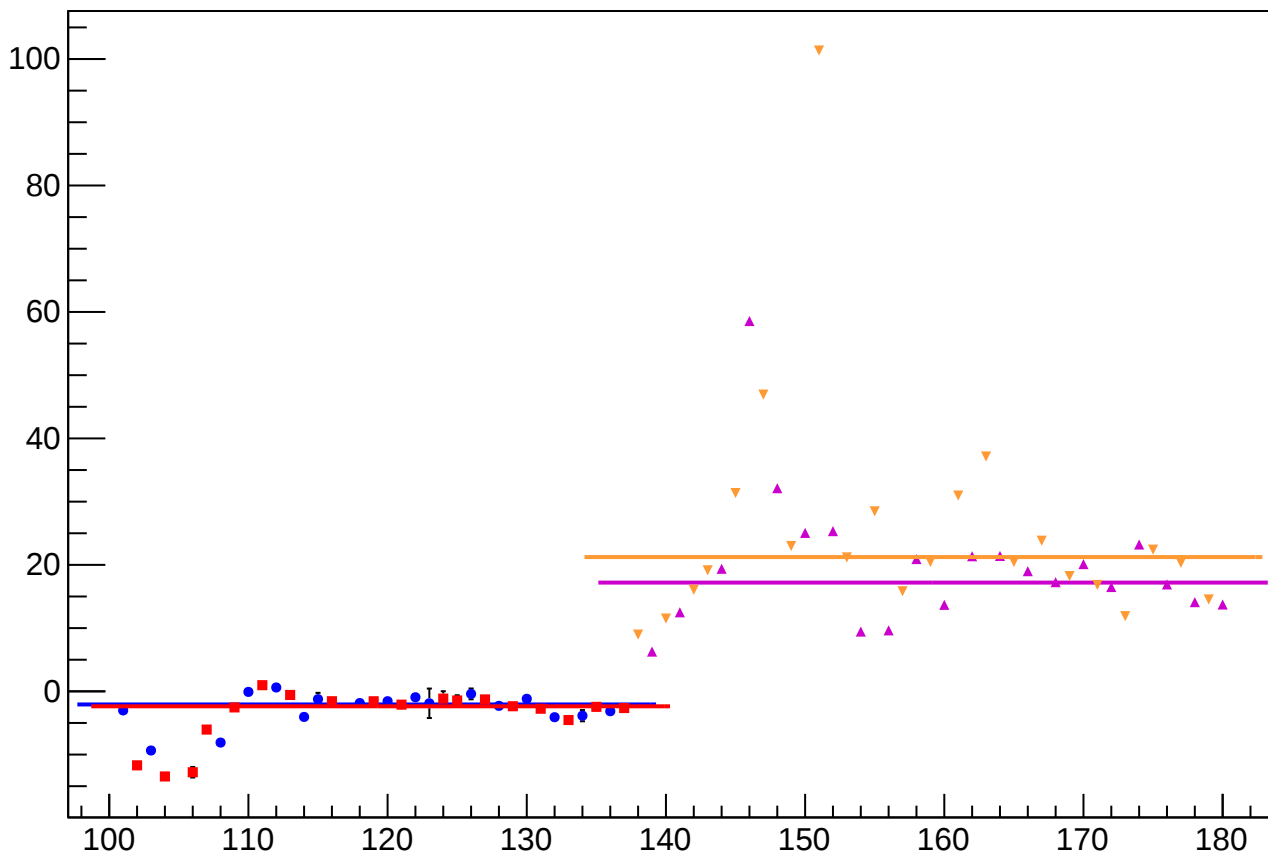
Right: 1.211 ± 0.042 $\chi^2/\text{NDF}: 1565.5/34$

In: 0.846 ± 0.028 $\chi^2/\text{NDF}: 5686.8/37$

Out: 1.144 ± 0.030 $\chi^2/\text{NDF}: 5571.8/39$

All: 0.985 ± 0.021 $\chi^2/\text{NDF}: 11310.4/77$

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: 21.236 ± 0.046 χ^2/NDF : 58291.1/21

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.198 ± 0.040 χ^2/NDF : 37950.2/20

Left: 18.962 ± 0.030 χ^2/NDF : 100673.3/42

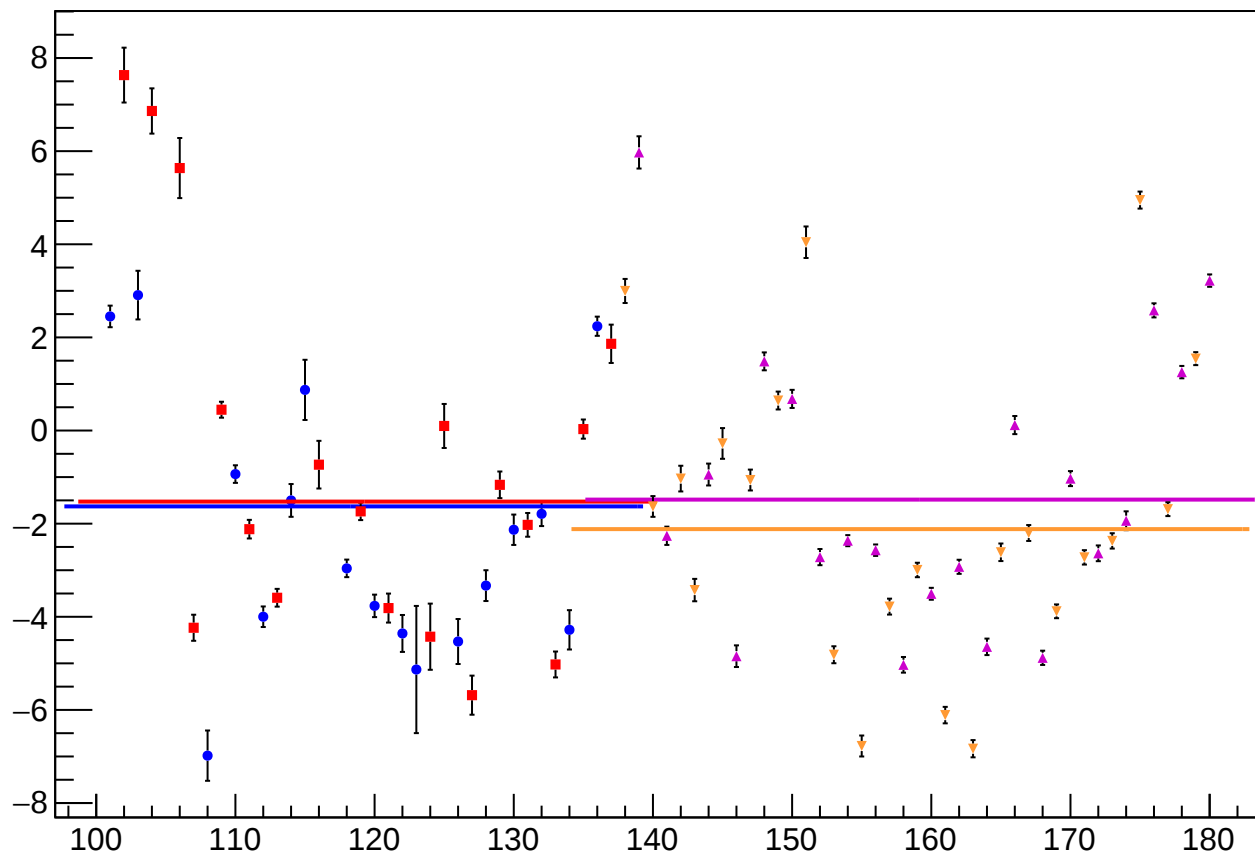
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 14.949 ± 0.038 χ^2/NDF : 65369.3/37

Out: 17.100 ± 0.041 χ^2/NDF : 106307.4/39

All: 15.925 ± 0.028 χ^2/NDF : 173156.9/77

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.117 ± 0.040 χ^2/NDF : 5326.3/21

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.483 ± 0.036 χ^2/NDF : 5357.3/20

Left: -1.765 ± 0.027 χ^2/NDF : 10824.5/42

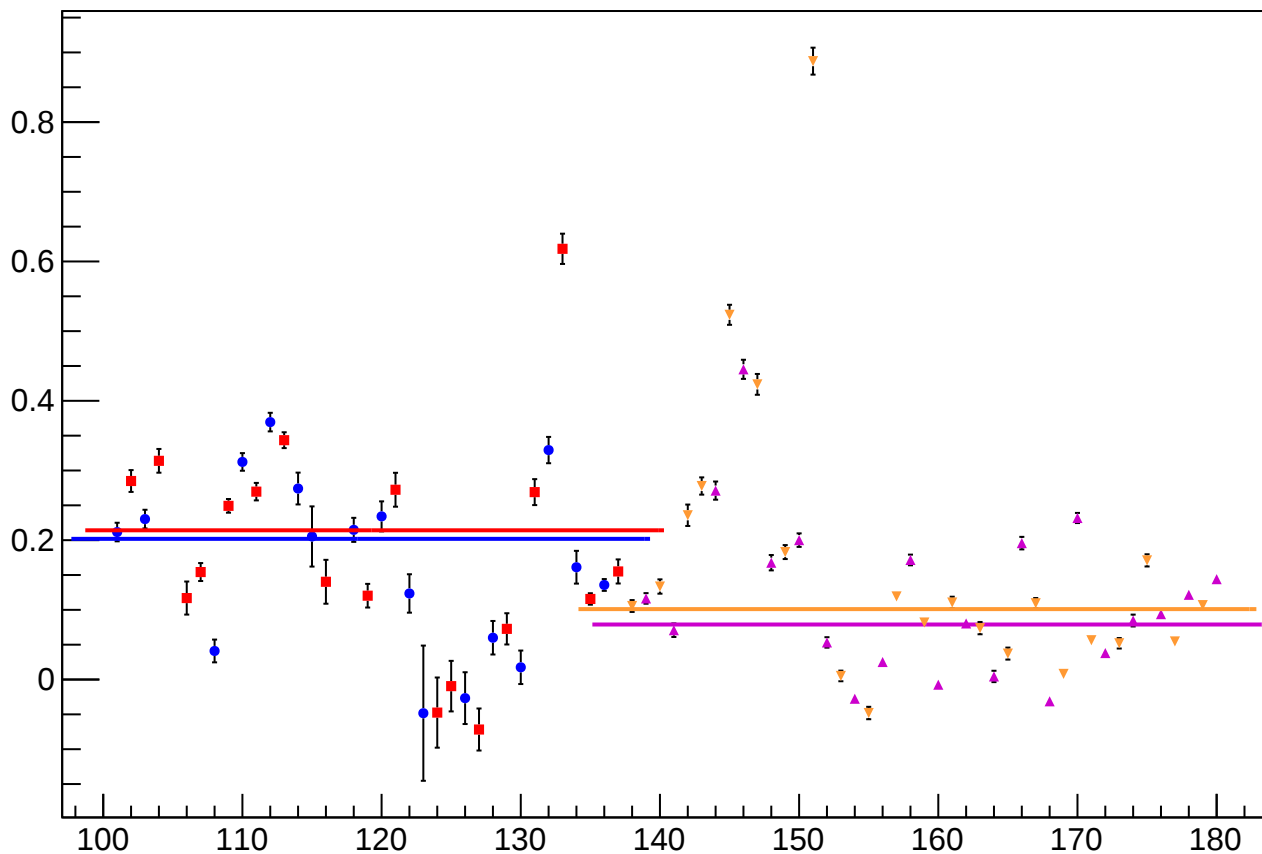
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.513 ± 0.032 χ^2/NDF : 6627.1/37

Out: -1.957 ± 0.034 χ^2/NDF : 6874.1/39

All: -1.720 ± 0.023 χ^2/NDF : 13592.4/77

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 : 4257.7/21

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.079 ± 0.002 χ^2/NDF : 3369.8/20

Left: 0.089 ± 0.001 χ^2/NDF : 7714.5/42

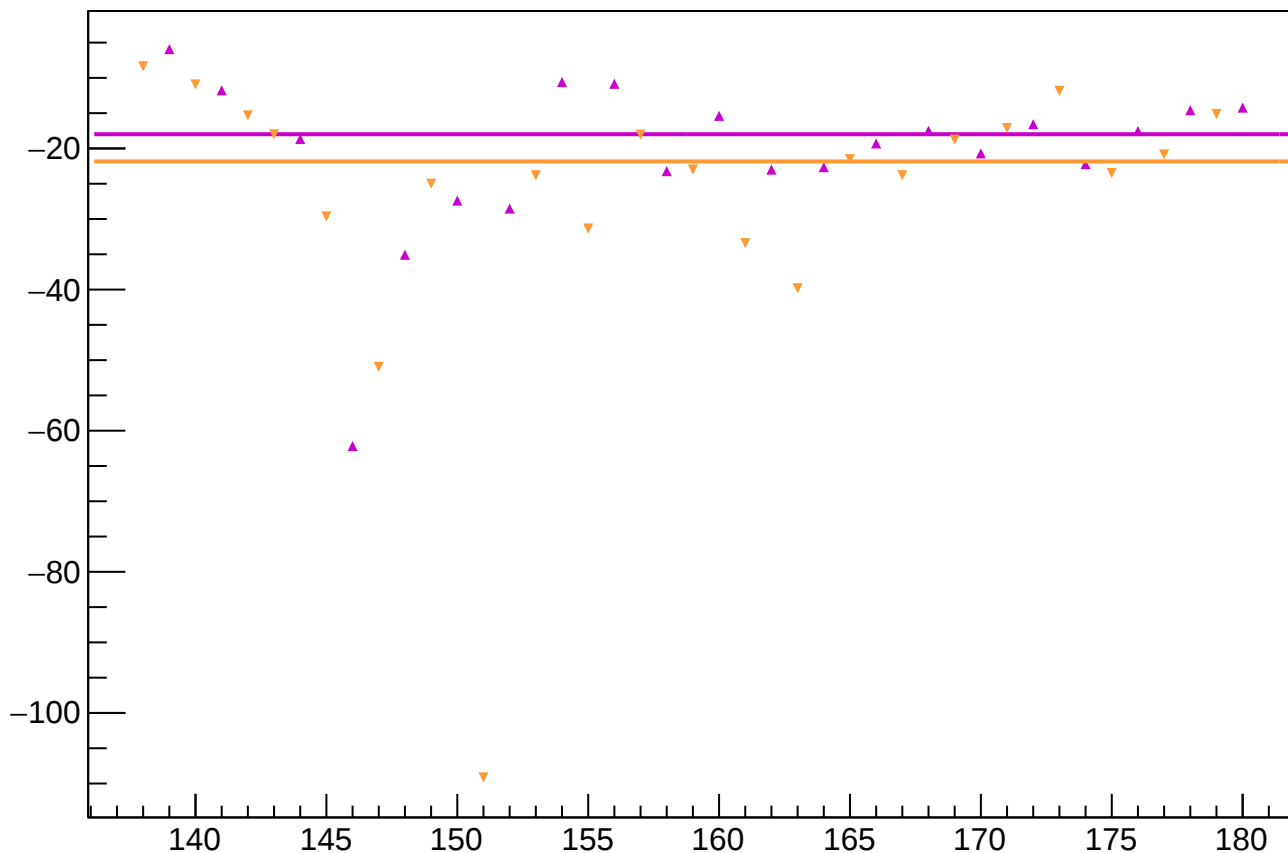
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.094 ± 0.001 χ^2/NDF : 4753.5/37

Out: 0.122 ± 0.002 χ^2/NDF : 6020.4/39

All: 0.107 ± 0.001 χ^2/NDF : 10941.2/77

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: -21.841+/-0.046 χ^2/NDF : 65077.0/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.982+/-0.041 χ^2/NDF : 40239.0/20

Left: -19.683+/-0.031 χ^2/NDF : 109225.5/42

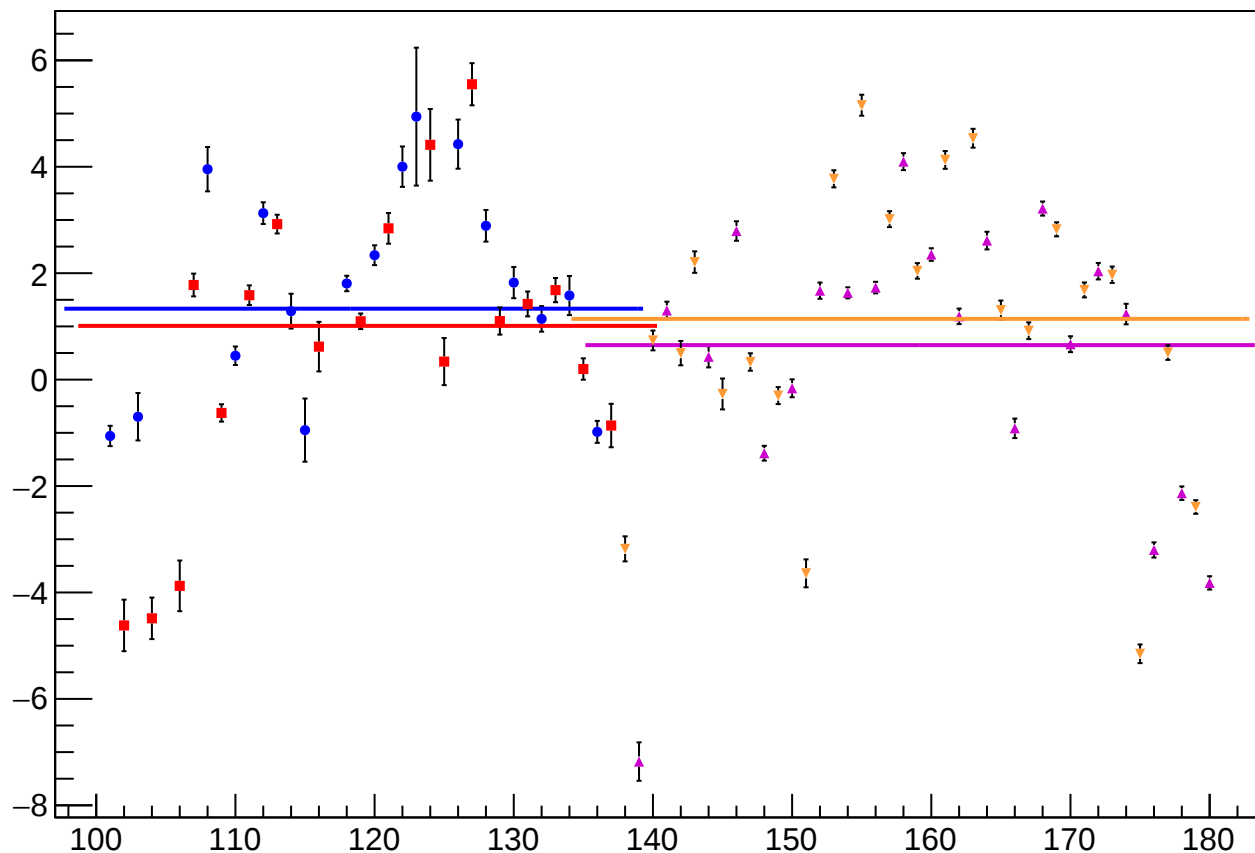
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.982+/-0.041 χ^2/NDF : 40239.0/20

Out: -21.841+/-0.046 χ^2/NDF : 65077.0/21

All: -19.683+/-0.031 χ^2/NDF : 109225.5/42

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: 1.142 ± 0.036 χ^2/NDF : 4675.0/21

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.648 ± 0.032 χ^2/NDF : 4933.6/20

Left: 0.868 ± 0.024 χ^2/NDF : 9714.5/42

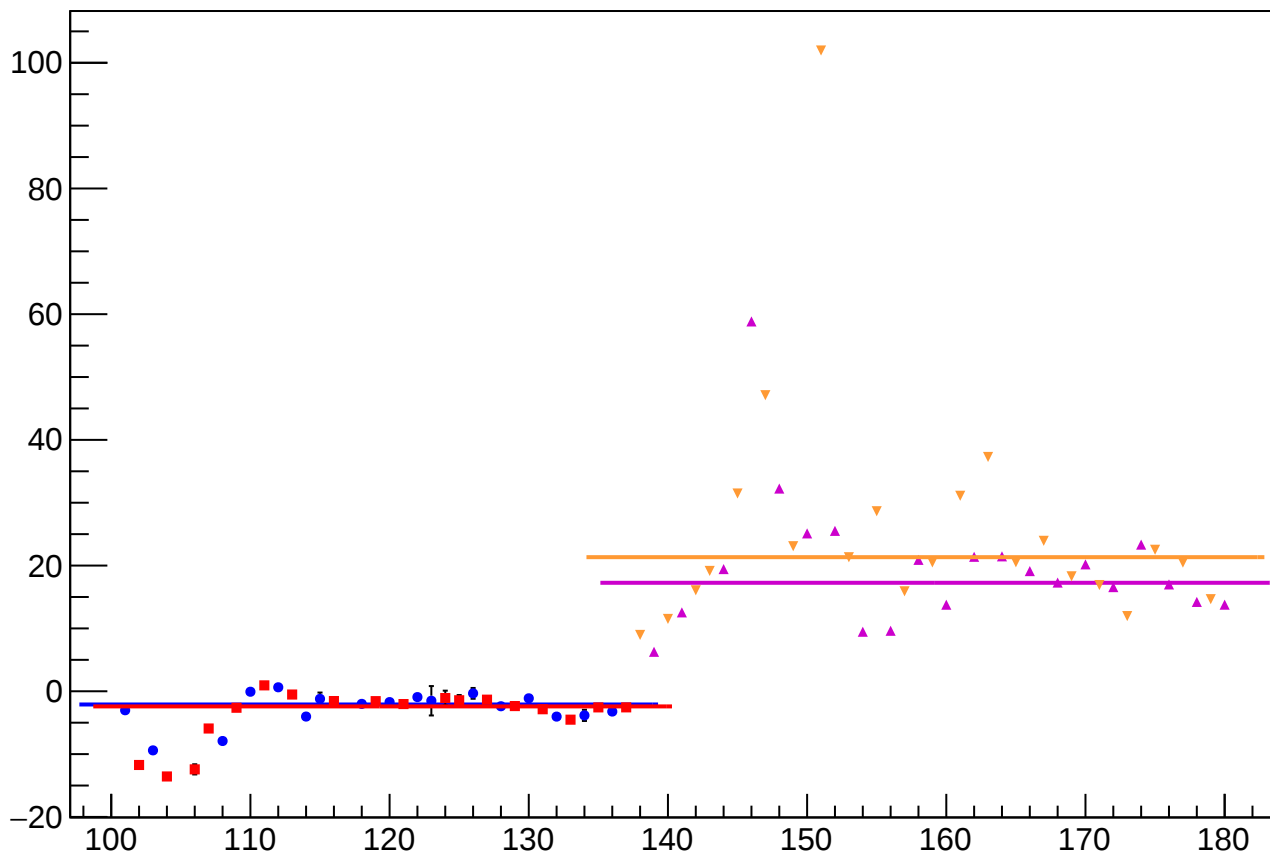
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.795 ± 0.028 χ^2/NDF : 5666.5/37

Out: 1.105 ± 0.030 χ^2/NDF : 5609.0/39

All: 0.939 ± 0.021 χ^2/NDF : 11331.2/77

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: 21.337 ± 0.046 χ^2/NDF : 58331.5/21

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.260 ± 0.040 χ^2/NDF : 38001.7/20

Left: 19.040 ± 0.030 χ^2/NDF : 100811.1/42

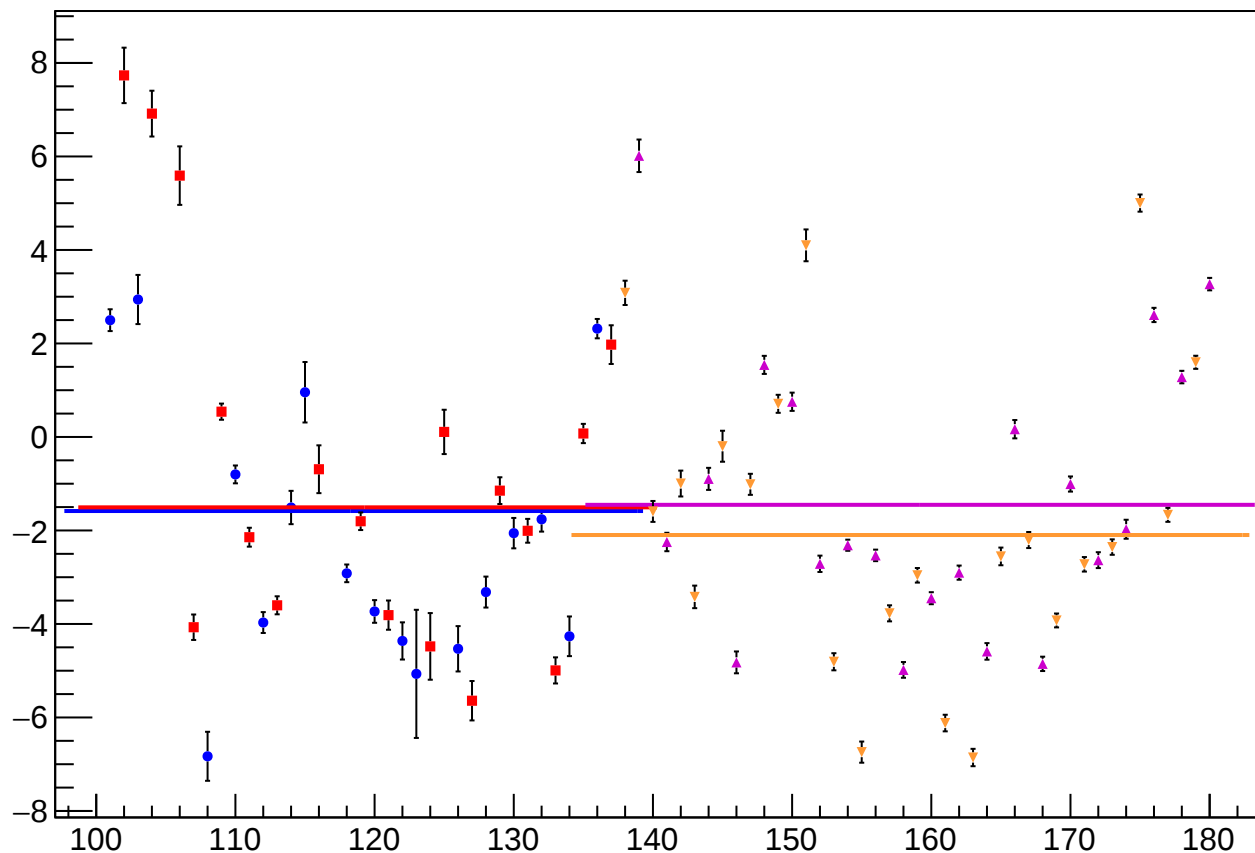
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 15.006 ± 0.038 χ^2/NDF : 65392.6/37

Out: 17.178 ± 0.042 χ^2/NDF : 106456.8/39

All: 15.991 ± 0.028 χ^2/NDF : 173344.6/77

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: -2.097 ± 0.040 χ^2/NDF : 5358.6/21

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.452 ± 0.036 χ^2/NDF : 5325.8/20

Left: -1.738 ± 0.027 χ^2/NDF : 10829.4/42

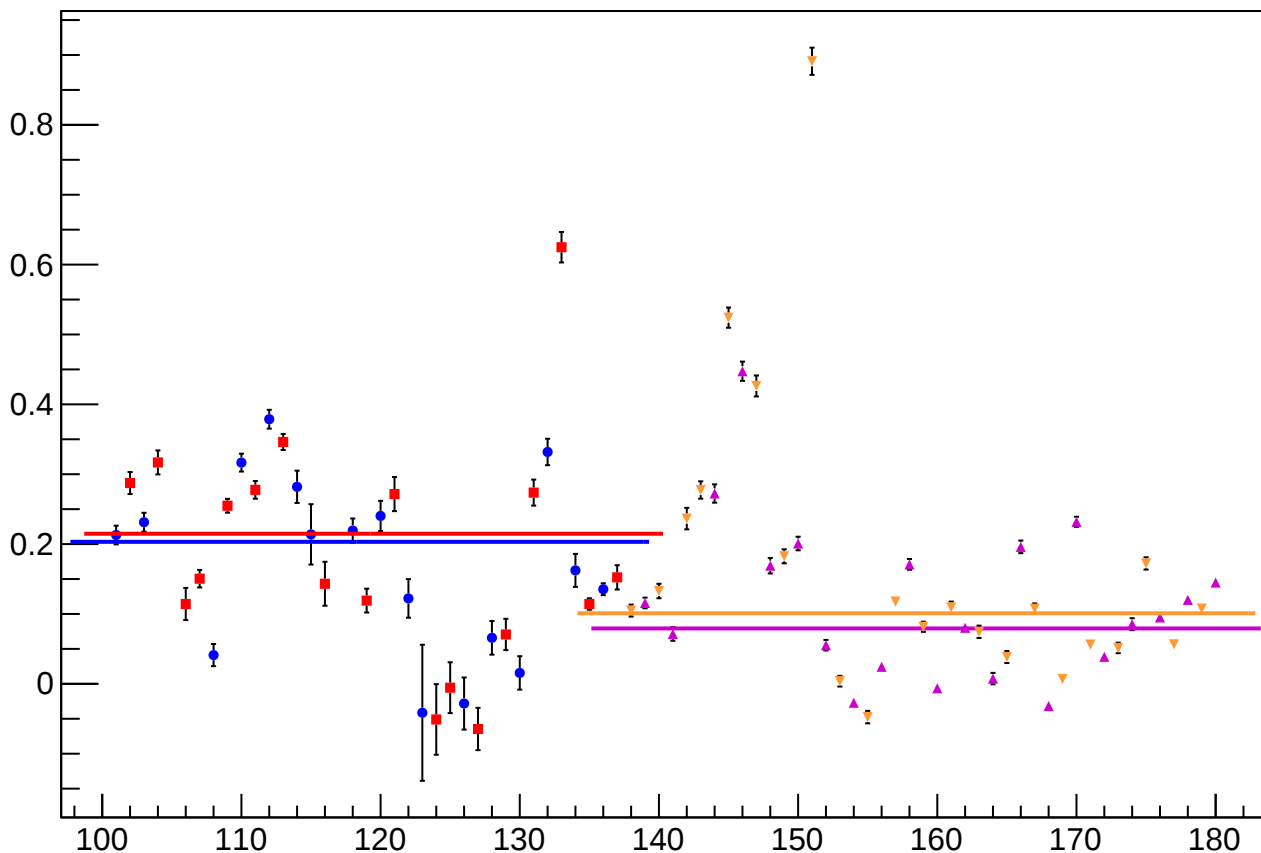
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.479 ± 0.032 χ^2/NDF : 6600.8/37

Out: -1.937 ± 0.034 χ^2/NDF : 6917.7/39

All: -1.692 ± 0.023 χ^2/NDF : 13614.8/77

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.101 $\pm$ 0.002 χ^2 /NDF:4242.7/21

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:3346.2/20

Left: 0.089 $\pm$ 0.001 χ^2 /NDF: 7672.1/42

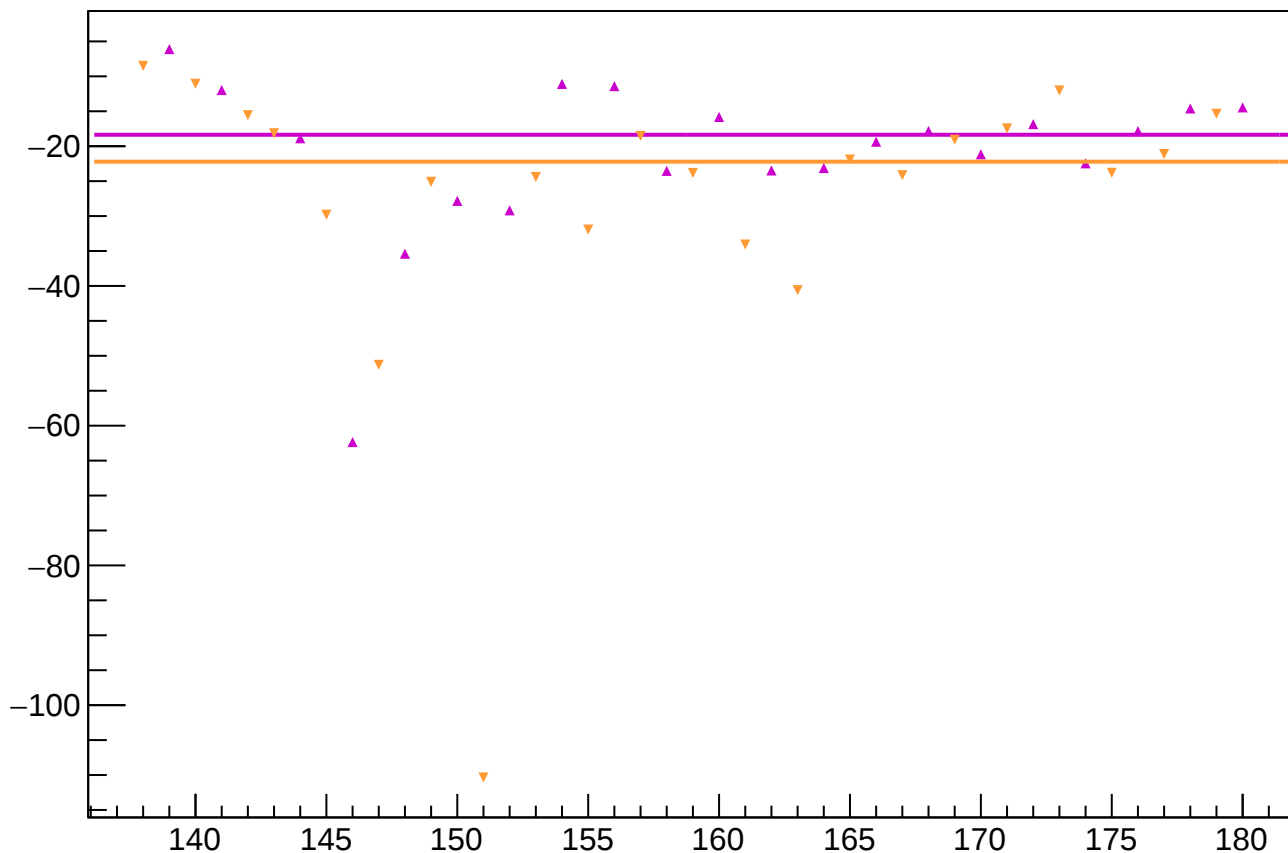
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.095 $\pm$ 0.001 χ^2 /NDF:4765.6/37

Out: 0.123 $\pm$ 0.002 χ^2 /NDF:6042.9/39

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10971.1/77

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: -22.214+/-0.047 χ^2/NDF : 64962.2/21

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.364+/-0.042 χ^2/NDF : 39297.9/20

Left: -20.067+/-0.031 χ^2/NDF : 107993.7/42

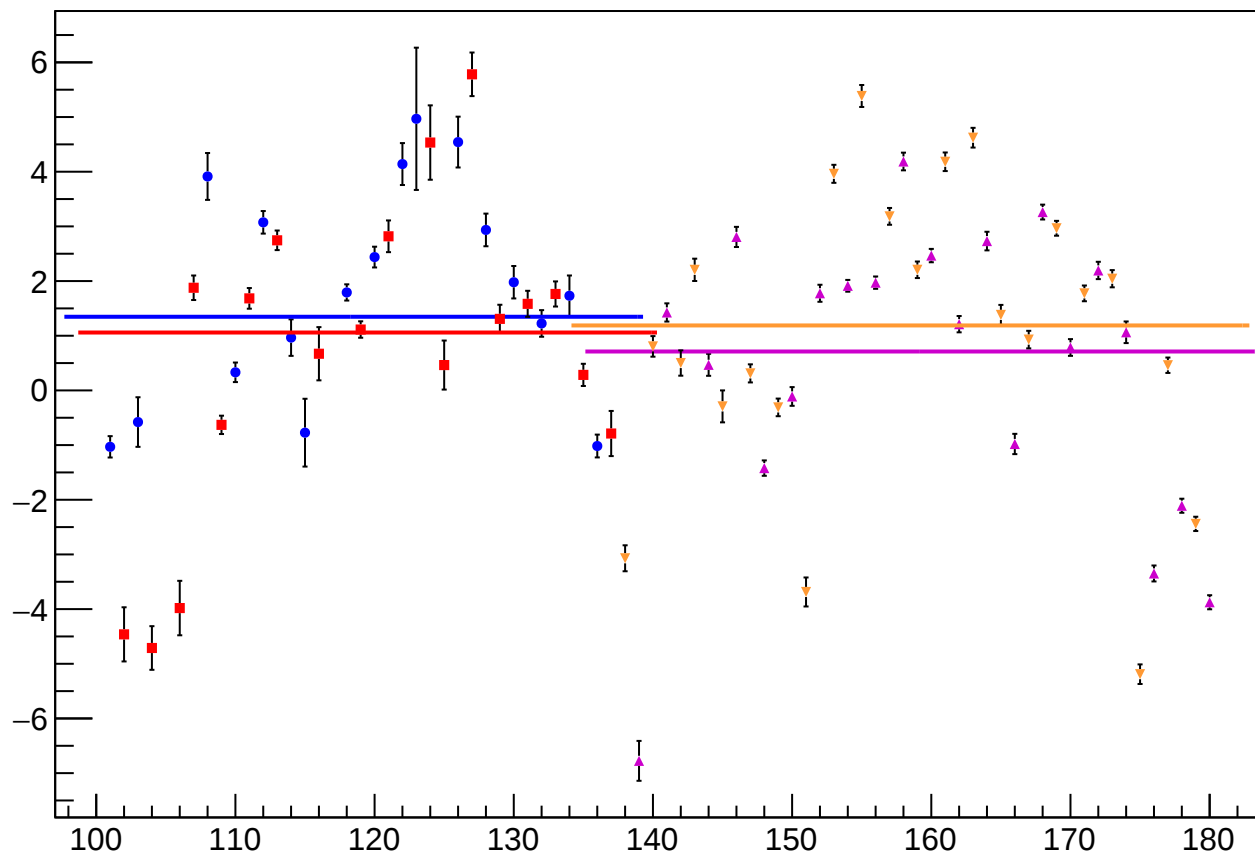
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.364+/-0.042 χ^2/NDF : 39297.9/20

Out: -22.214+/-0.047 χ^2/NDF : 64962.2/21

All: -20.067+/-0.031 χ^2/NDF : 107993.7/42

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.188 ± 0.036 χ^2/NDF : 4728.4/21

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.712 ± 0.033 χ^2/NDF : 4988.4/20

Left: 0.925 ± 0.024 χ^2/NDF : 9811.5/42

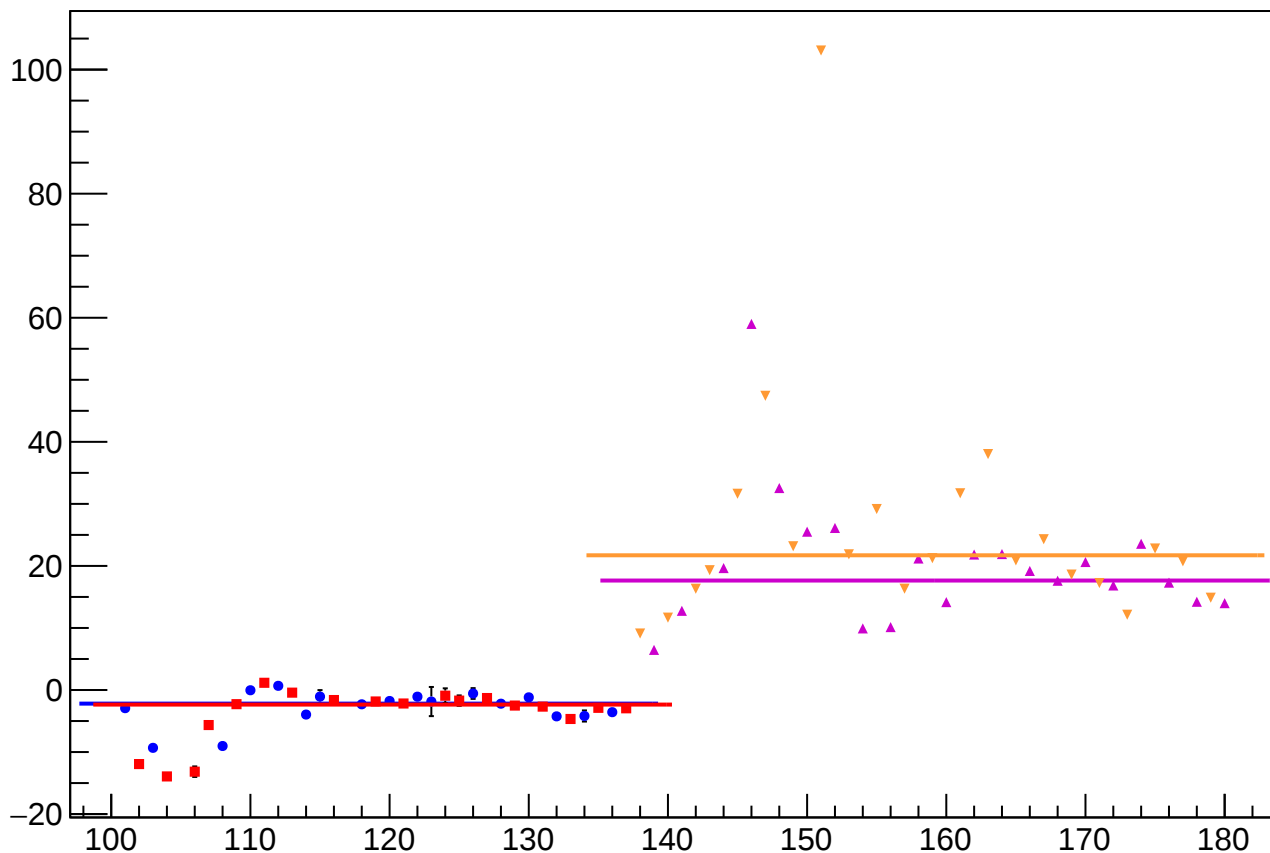
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.849 ± 0.029 χ^2/NDF : 5700.1/37

Out: 1.153 ± 0.031 χ^2/NDF : 5637.1/39

All: 0.991 ± 0.021 χ^2/NDF : 11388.3/77

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 21.714 ± 0.047 χ^2/NDF : 58112.9/21

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 17.645 ± 0.041 χ^2/NDF : 36902.8/20

Left: 19.428 ± 0.031 χ^2/NDF : 99291.8/42

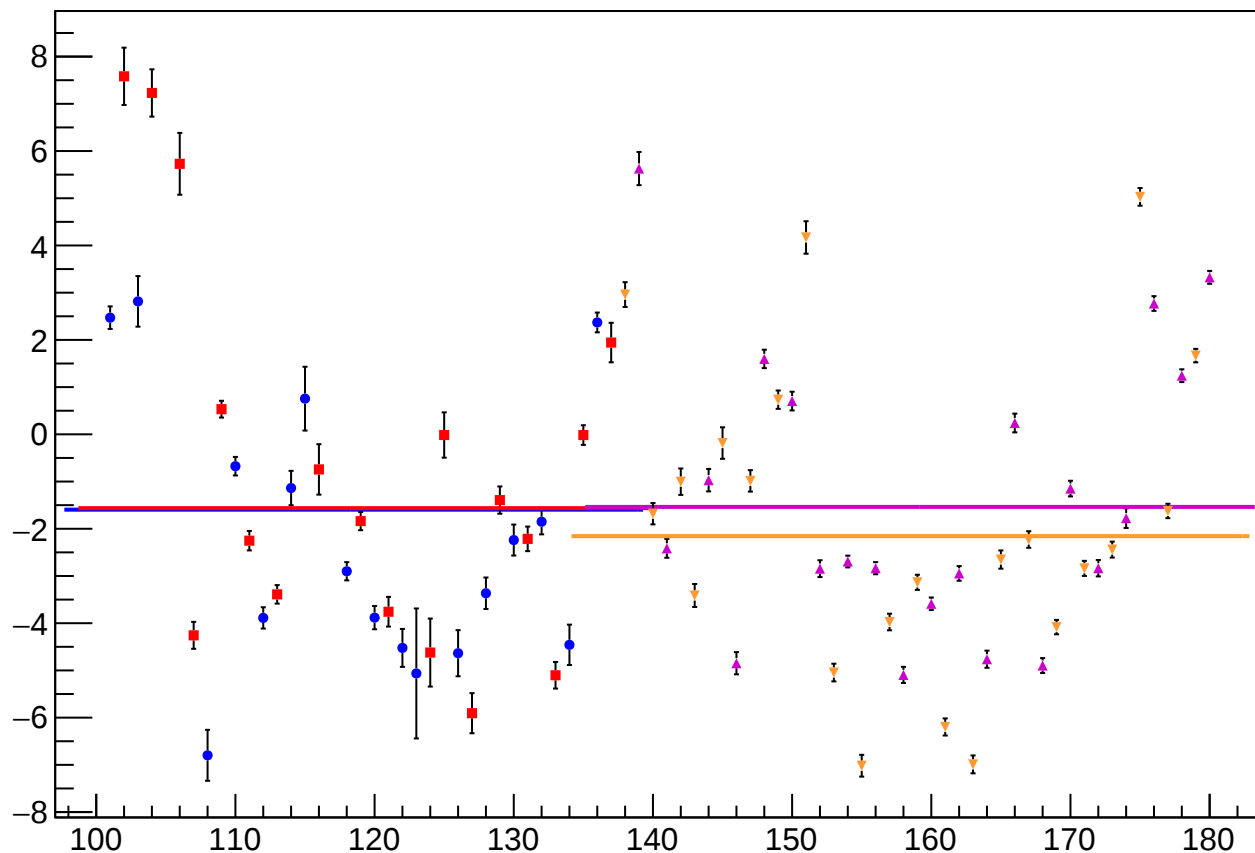
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 15.312 ± 0.039 χ^2/NDF : 64636.6/37

Out: 17.507 ± 0.042 χ^2/NDF : 105550.2/39

All: 16.310 ± 0.029 χ^2/NDF : 171650.1/77

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: -2.158 ± 0.041 χ^2/NDF : 5415.0/21

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -1.537 ± 0.037 χ^2/NDF : 5383.3/20

Left: -1.813 ± 0.027 χ^2/NDF : 10926.6/42

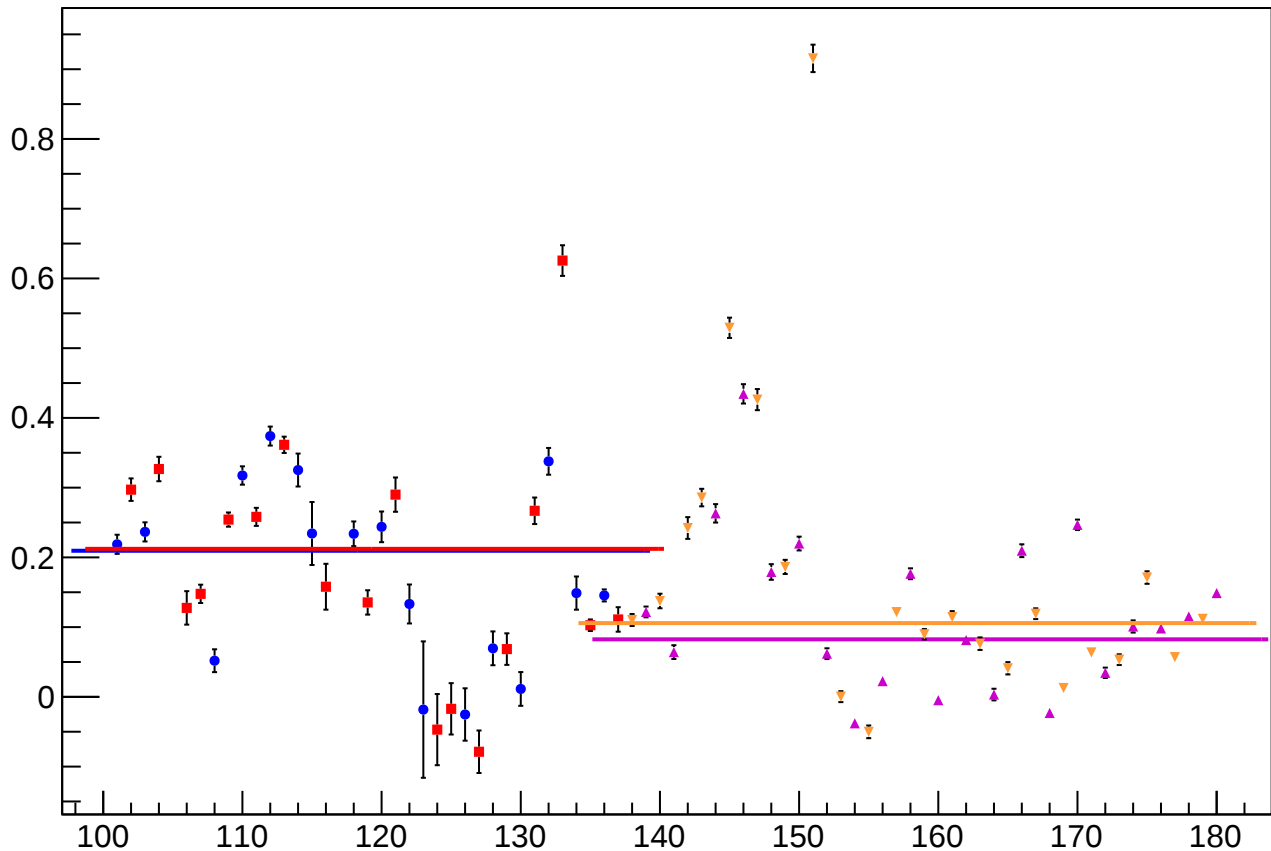
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.549 ± 0.033 χ^2/NDF : 6639.2/37

Out: -1.997 ± 0.035 χ^2/NDF : 6934.3/39

All: -1.758 ± 0.024 χ^2/NDF : 13661.6/77

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.106 ± 0.002 $\chi^2/\text{NDF}: 4270.7/21$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.082 ± 0.002 $\chi^2/\text{NDF}: 3420.8/20$

Left: 0.093 ± 0.001 $\chi^2/\text{NDF}: 7783.1/42$

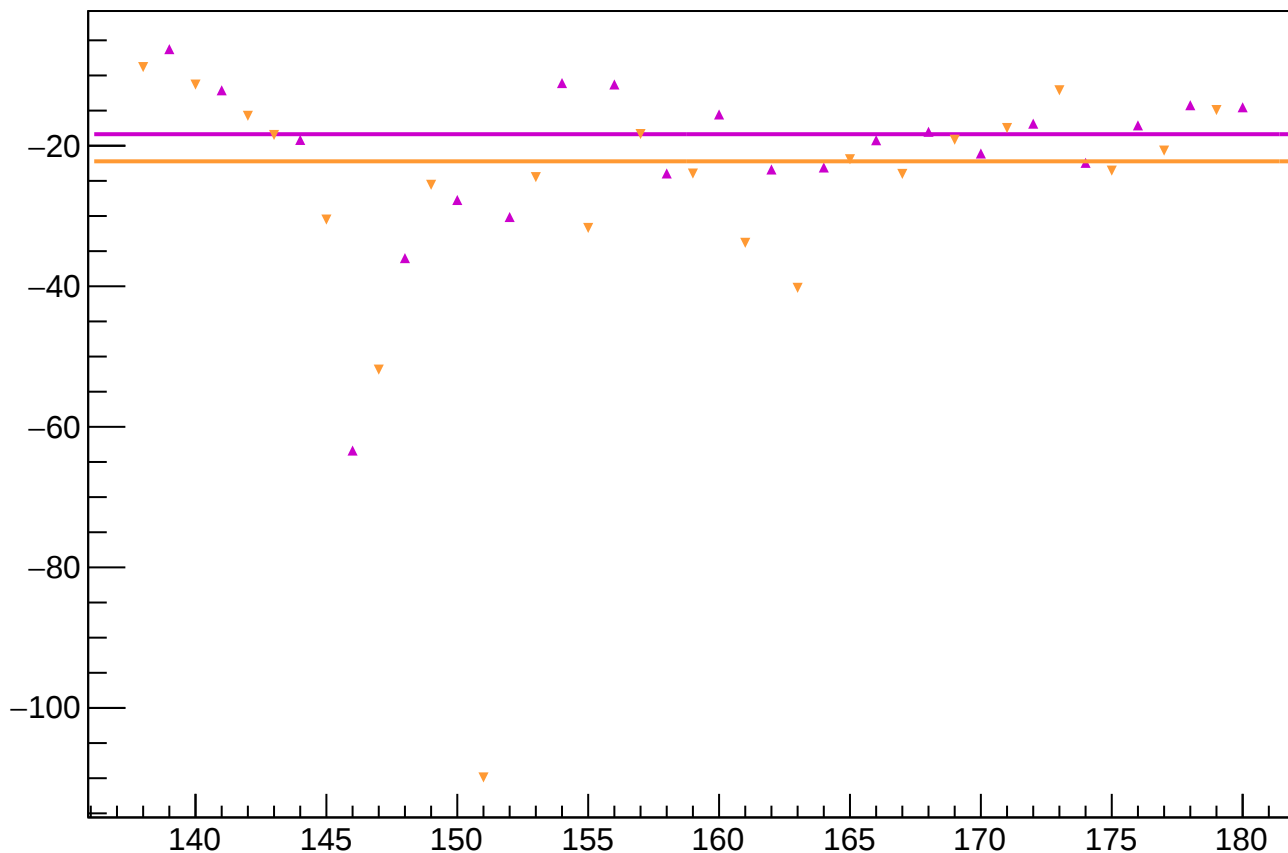
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.099 ± 0.002 $\chi^2/\text{NDF}: 4814.6/37$

Out: 0.126 ± 0.002 $\chi^2/\text{NDF}: 6012.0/39$

All: 0.111 ± 0.001 $\chi^2/\text{NDF}: 10977.7/77$

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: -22.218 ± 0.047 χ^2/NDF : 64202.6/21

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -18.359 ± 0.042 χ^2/NDF : 39793.2/20

Left: -20.068 ± 0.032 χ^2/NDF : 107698.7/42

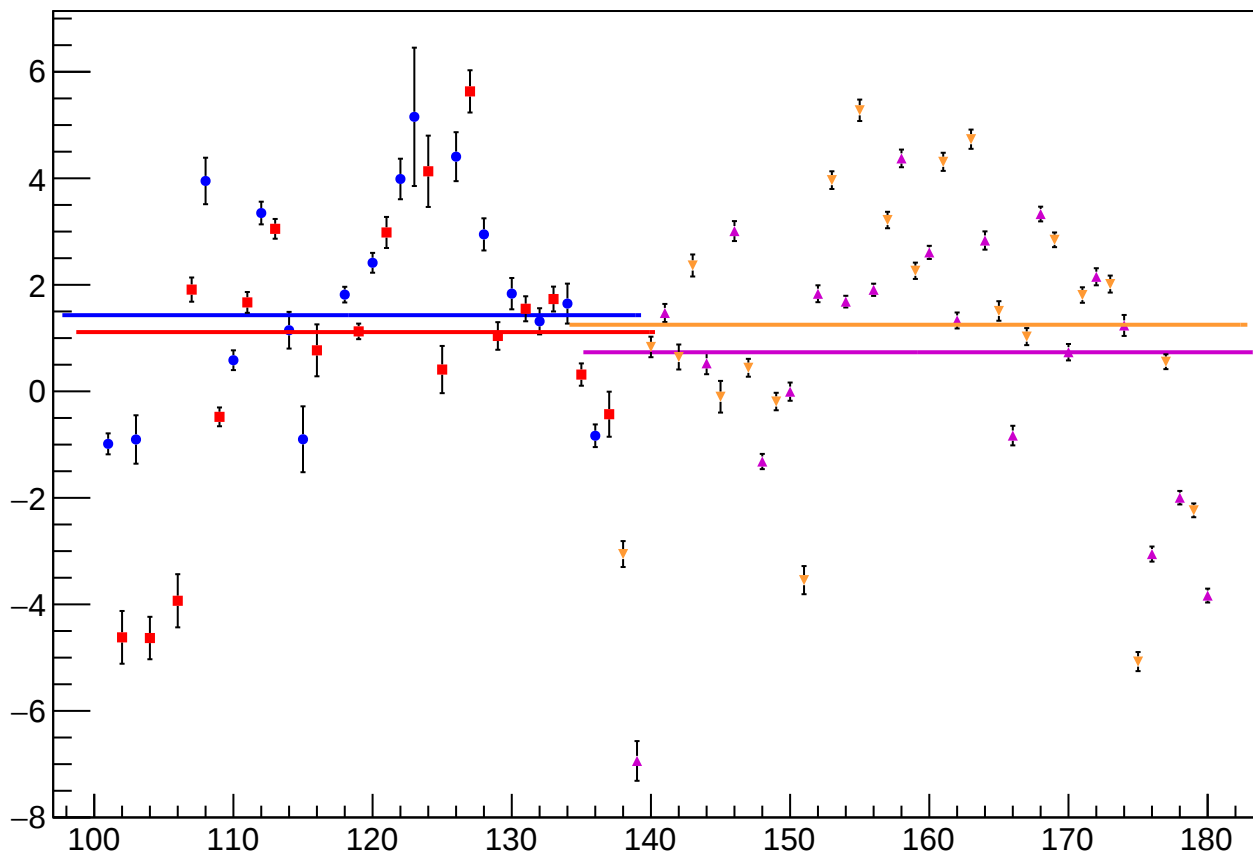
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -18.359 ± 0.042 χ^2/NDF : 39793.2/20

Out: -22.218 ± 0.047 χ^2/NDF : 64202.6/21

All: -20.068 ± 0.032 χ^2/NDF : 107698.7/42

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 1.251 ± 0.037 χ^2/NDF : 4540.0/21

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 0.734 ± 0.033 χ^2/NDF : 4833.0/20

Left: 0.966 ± 0.025 χ^2/NDF : 9482.5/42

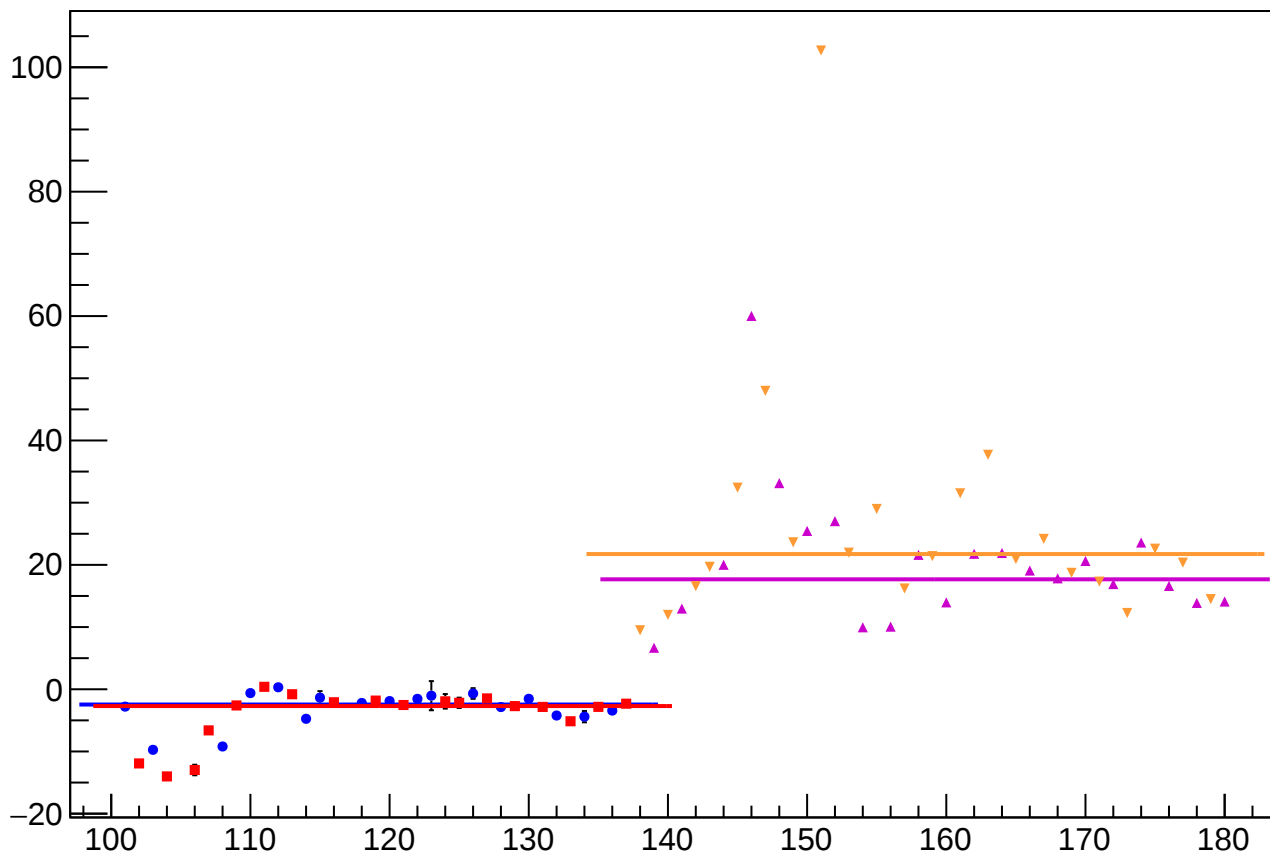
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 0.885 ± 0.029 χ^2/NDF : 5527.2/37

Out: 1.213 ± 0.031 χ^2/NDF : 5431.4/39

All: 1.038 ± 0.021 χ^2/NDF : 11017.3/77

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: 21.739 ± 0.047 χ^2/NDF : 57584.6/21

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 17.676 ± 0.041 χ^2/NDF : 37400.4/20

Left: 19.461 ± 0.031 χ^2/NDF : 99194.5/42

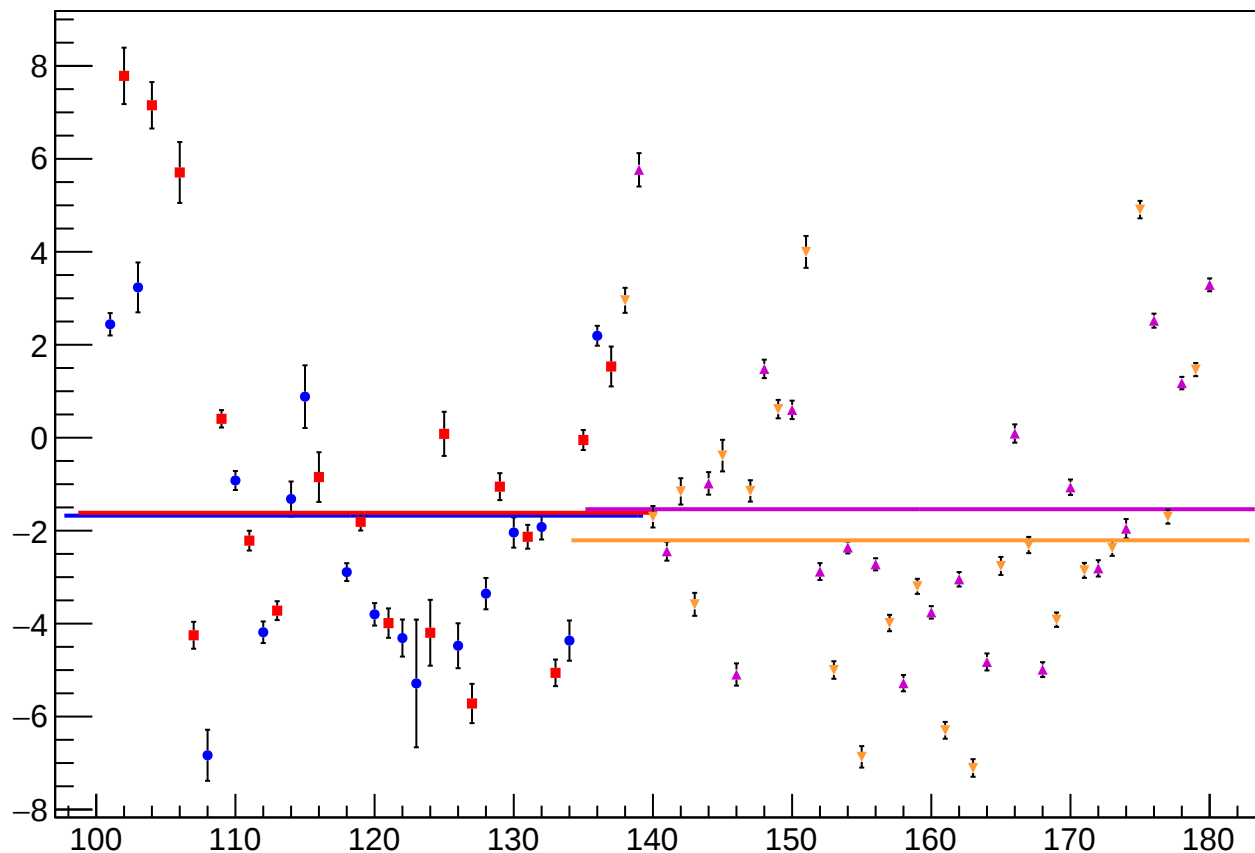
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.341 ± 0.039 χ^2/NDF : 65121.4/37

Out: 17.581 ± 0.043 χ^2/NDF : 104626.4/39

All: 16.360 ± 0.029 χ^2/NDF : 171246.1/77

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: -2.208 ± 0.041 χ^2/NDF : 5215.4/21

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.538 ± 0.037 χ^2/NDF : 5273.1/20

Left: -1.837 ± 0.027 χ^2/NDF : 10635.5/42

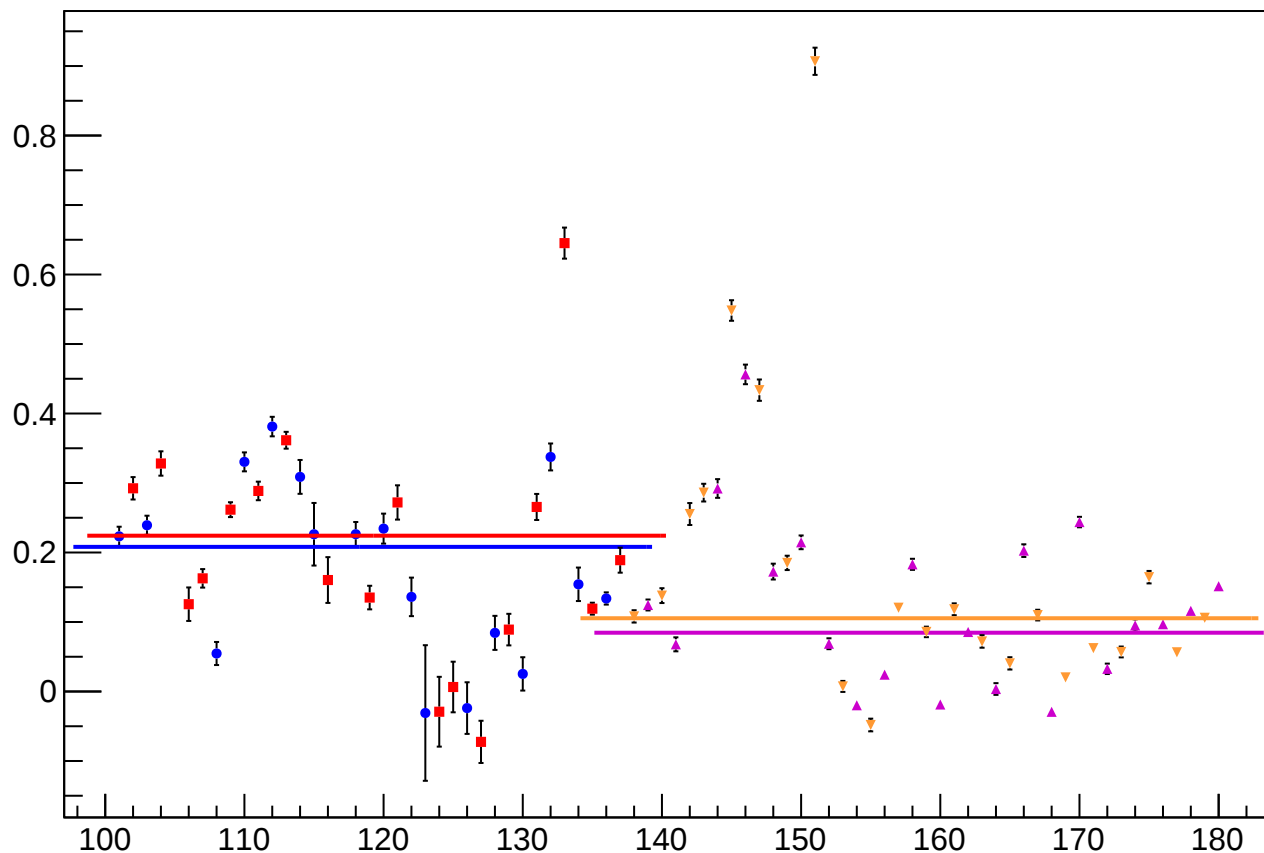
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.567 ± 0.033 χ^2/NDF : 6480.7/37

Out: -2.049 ± 0.035 χ^2/NDF : 6698.5/39

All: -1.792 ± 0.024 χ^2/NDF : 13279.7/77

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:4233.6/21

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.085 $\pm$ 0.002 χ^2 /NDF:3386.0/20

Left: 0.094 $\pm$ 0.001 χ^2 /NDF: 7691.9/42

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.100 $\pm$ 0.002 χ^2 /NDF:4720.1/37

Out: 0.127 $\pm$ 0.002 χ^2 /NDF:6003.3/39

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 10871.2/77