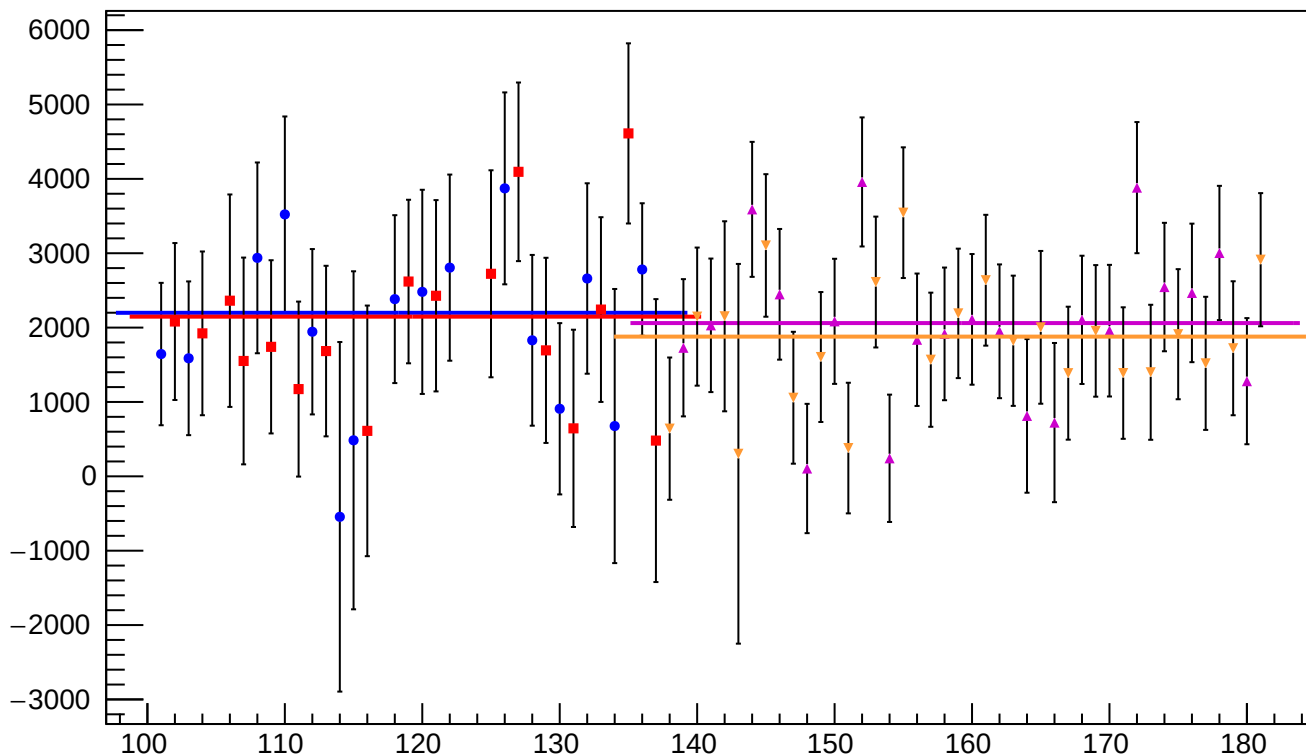


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1878.704+/-193.448

Right Out: 2147.149+/-304.804

Left In: 2060.780+/-195.245

χ^2/NDF : 8.6/15

χ^2/NDF : 15.4/22

χ^2/NDF : 11.4/16

χ^2/NDF : 27.4/20

Left: 1968.900+/-137.419

Right: 2172.848+/-216.219

In: 2100.594+/-164.714

Out: 1955.785+/-163.330

All: 2027.579+/-115.978

χ^2/NDF : 43.2/43

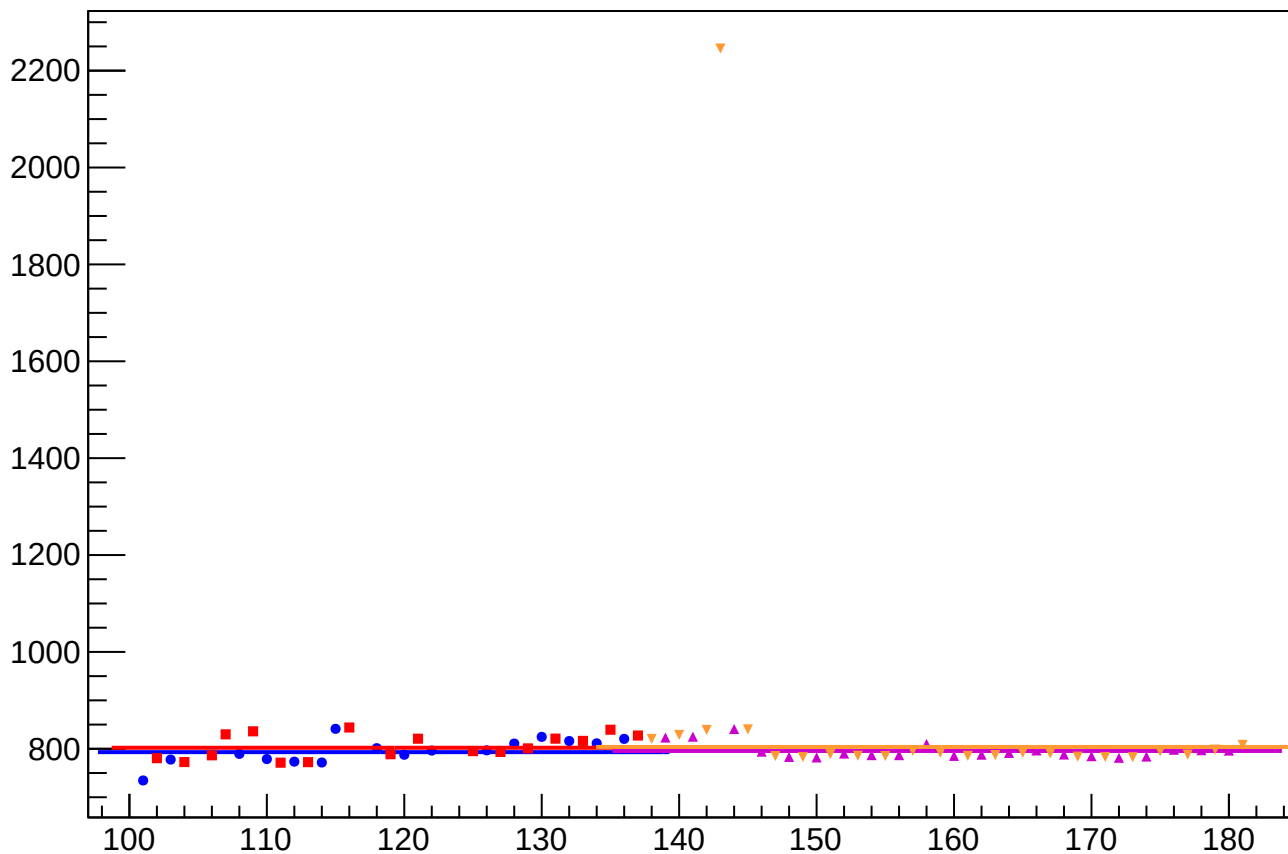
χ^2/NDF : 20.0/32

χ^2/NDF : 36.1/36

χ^2/NDF : 27.4/39

χ^2/NDF : 63.9/76

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.807+/-0.137 χ^2/NDF : 655699.4/22

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: 799.707+/-0.097 χ^2/NDF : 670161.5/43

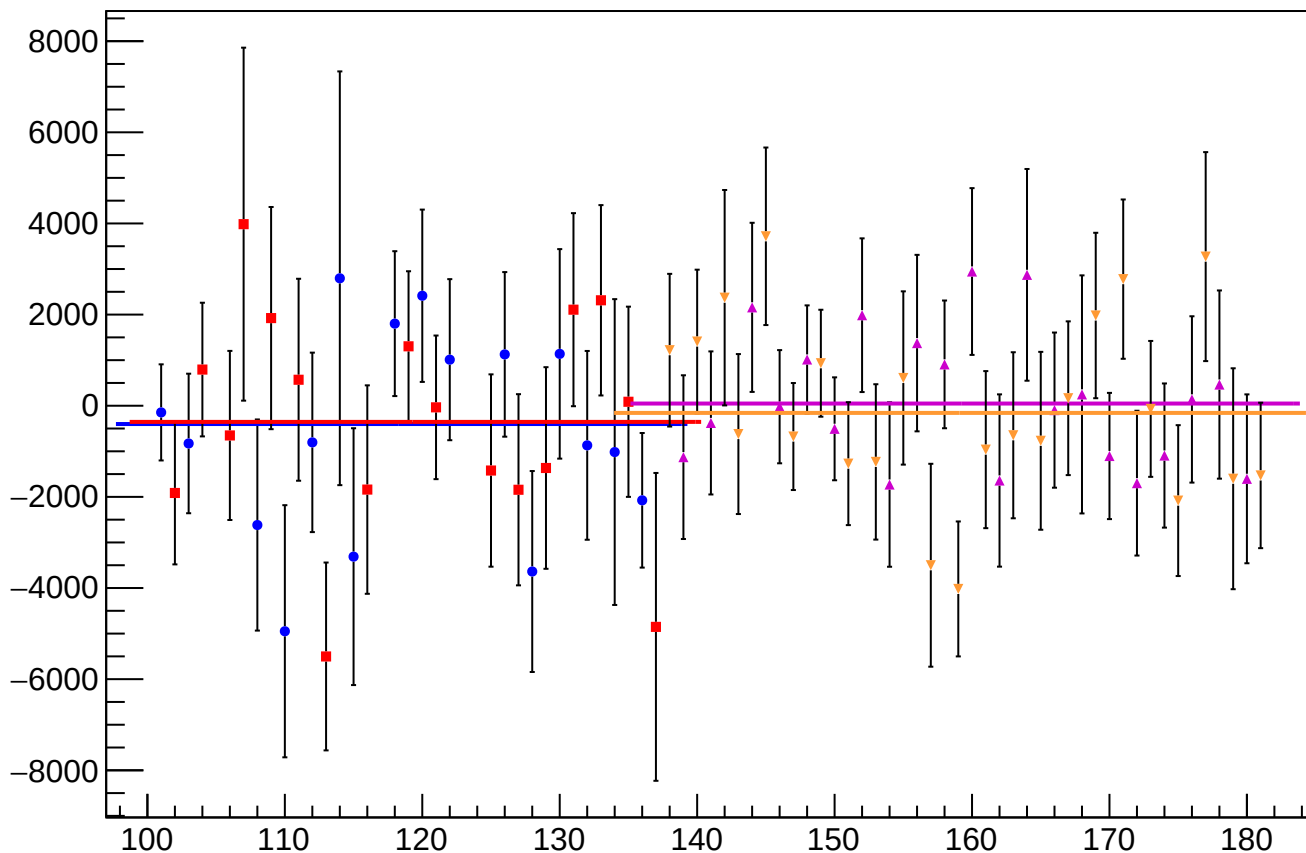
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

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

Out: 803.331+/-0.115 χ^2/NDF : 668465.2/39

All: 799.115+/-0.082 χ^2/NDF : 698594.5/76

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464 ± 468.669 $\chi^2/\text{NDF}: 14.8/15$

Left Out: -157.338 ± 348.024 $\chi^2/\text{NDF}: 27.5/22$

Right Out: -354.462 ± 486.525 $\chi^2/\text{NDF}: 17.4/16$

Left In: 48.143 ± 353.972 $\chi^2/\text{NDF}: 13.9/20$

Left: -56.338 ± 248.166 $\chi^2/\text{NDF}: 41.6/43$

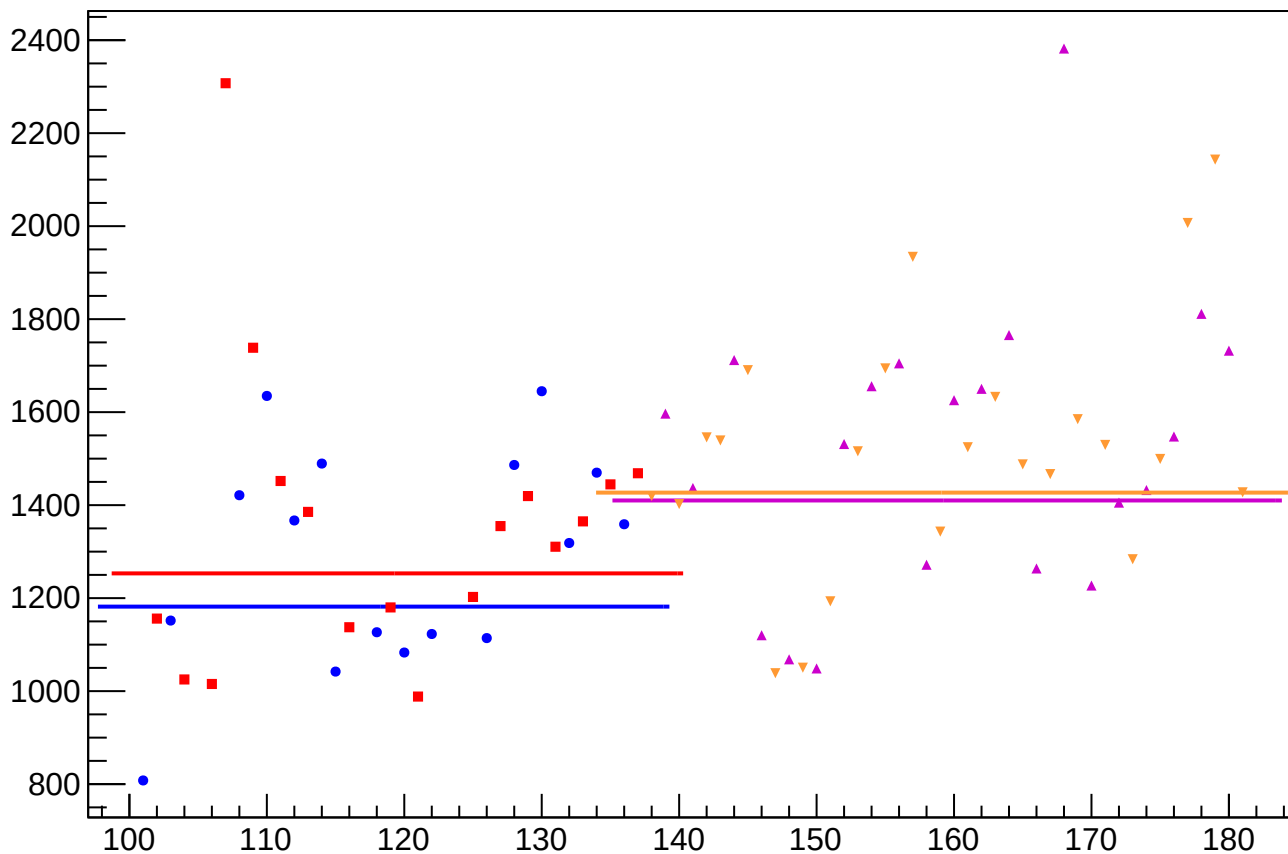
Right: -378.842 ± 337.535 $\chi^2/\text{NDF}: 32.2/32$

In: -115.170 ± 282.462 $\chi^2/\text{NDF}: 29.3/36$

Out: -224.062 ± 283.060 $\chi^2/\text{NDF}: 45.0/39$

All: -169.501 ± 199.942 $\chi^2/\text{NDF}: 74.4/76$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1426.957 $\pm$ 0.246 χ^2 /NDF: 1072188.5/22

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: 1418.649 $\pm$ 0.175 χ^2 /NDF: 2323527.2/43

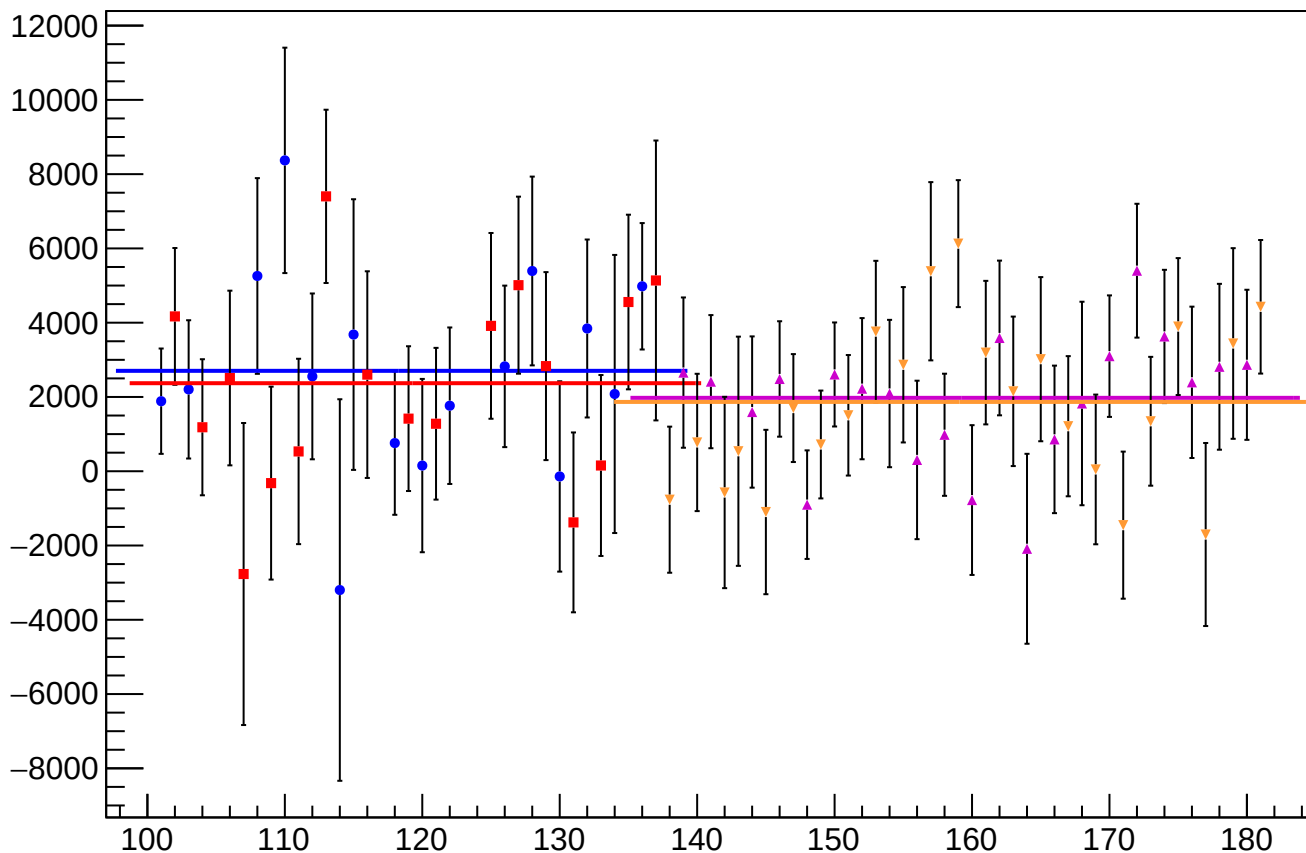
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

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

Out: 1368.149 $\pm$ 0.200 χ^2 /NDF: 1696536.1/39

All: 1347.598 $\pm$ 0.141 χ^2 /NDF: 3812258.1/76

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1866.436 $\pm$ 404.501 χ^2 /NDF:25.6/22

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: 1920.928 $\pm$ 287.303 χ^2 /NDF: 41.6/43

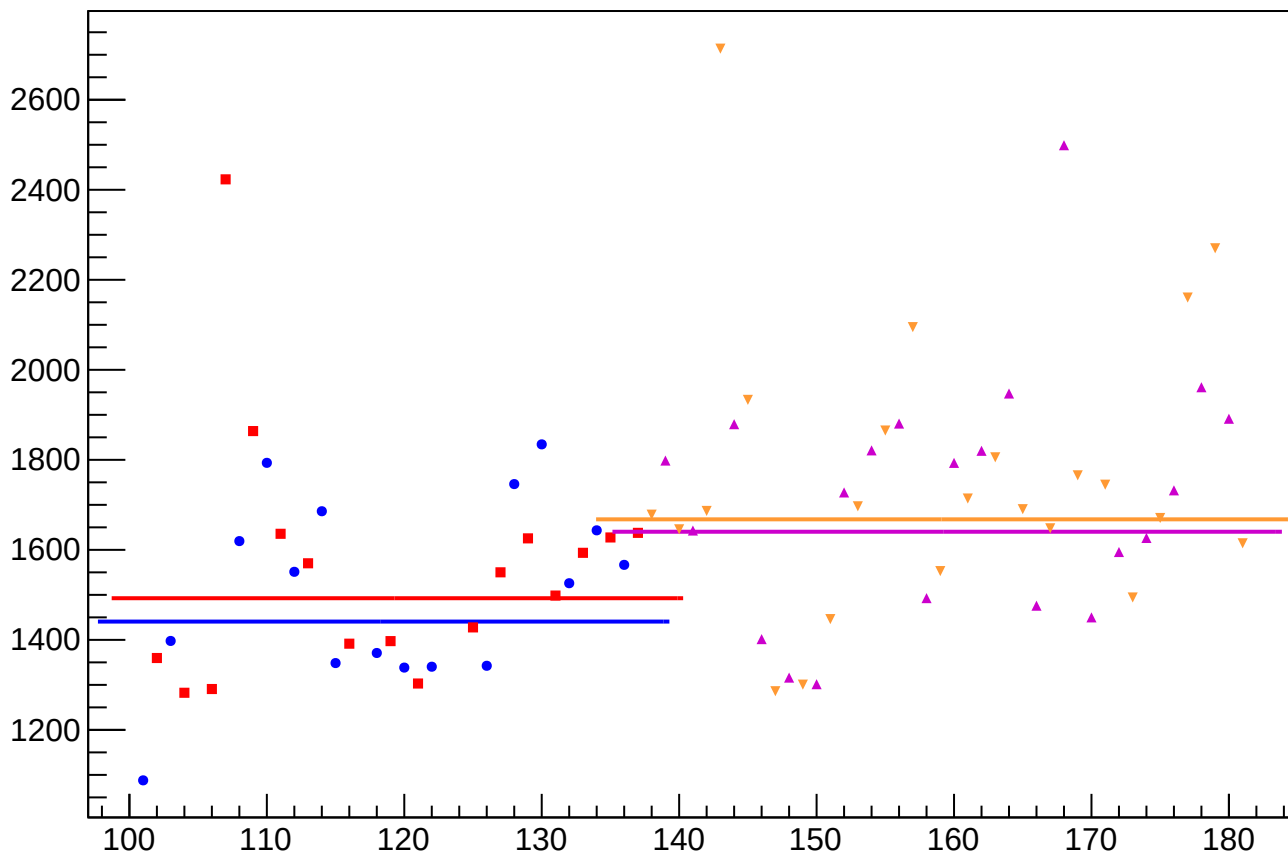
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

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

Out: 2033.937 $\pm$ 330.548 χ^2 /NDF:42.1/39

All: 2129.946 $\pm$ 233.803 χ^2 /NDF: 72.4/76

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1667.801+/-0.286 χ^2/NDF : 883445.8/22

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

Left In: 1640.238+/-0.289 χ^2/NDF : 734605.9/20

Left: 1654.143+/-0.203 χ^2/NDF : 1622653.2/43

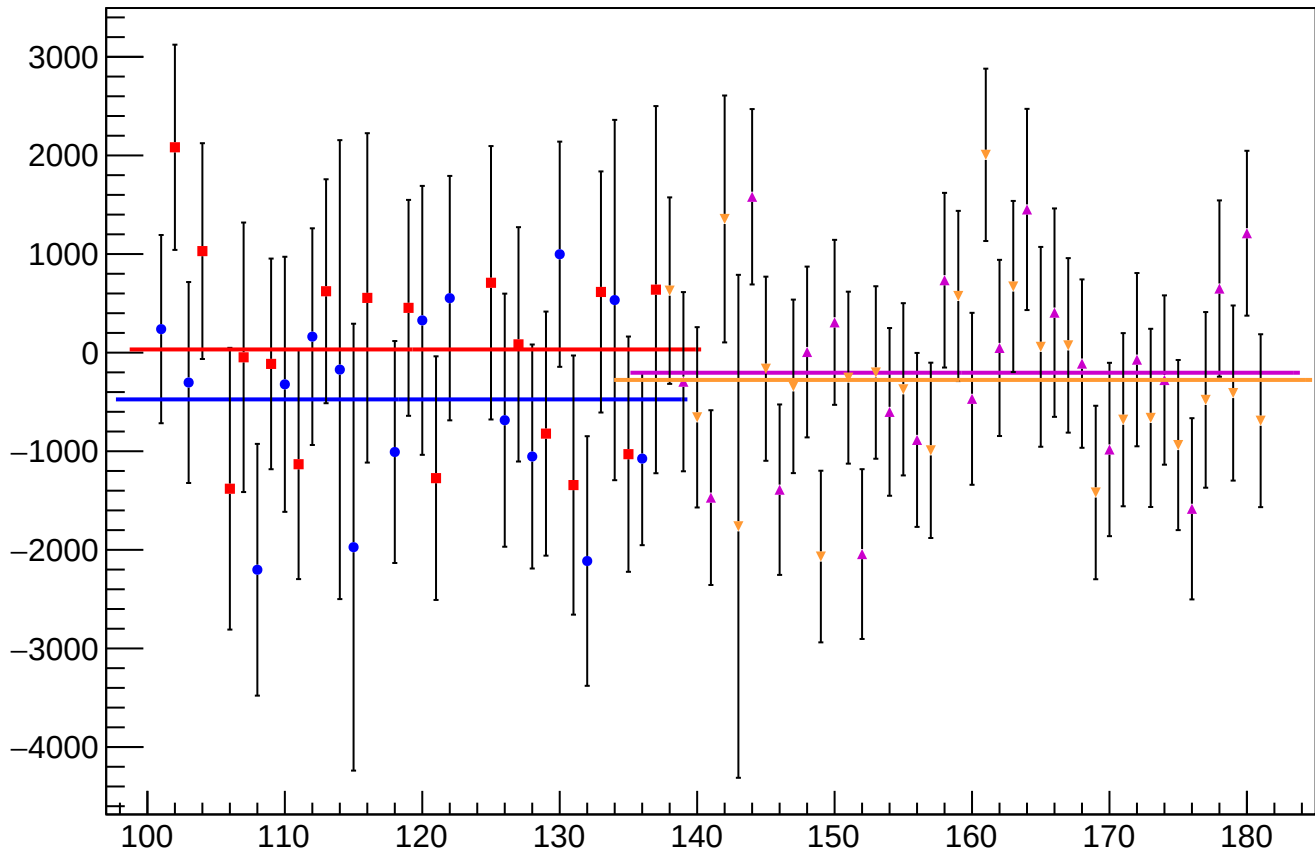
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1571.723+/-0.234 χ^2/NDF : 1181051.5/36

Out: 1609.572+/-0.234 χ^2/NDF : 1259703.8/39

All: 1590.659+/-0.165 χ^2/NDF : 2453858.3/76

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -276.723 ± 191.463 χ^2/NDF : 20.3/22

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

Left In: -203.792 ± 193.363 χ^2/NDF : 24.9/20

Left: -240.617 ± 136.052 χ^2/NDF : 45.2/43

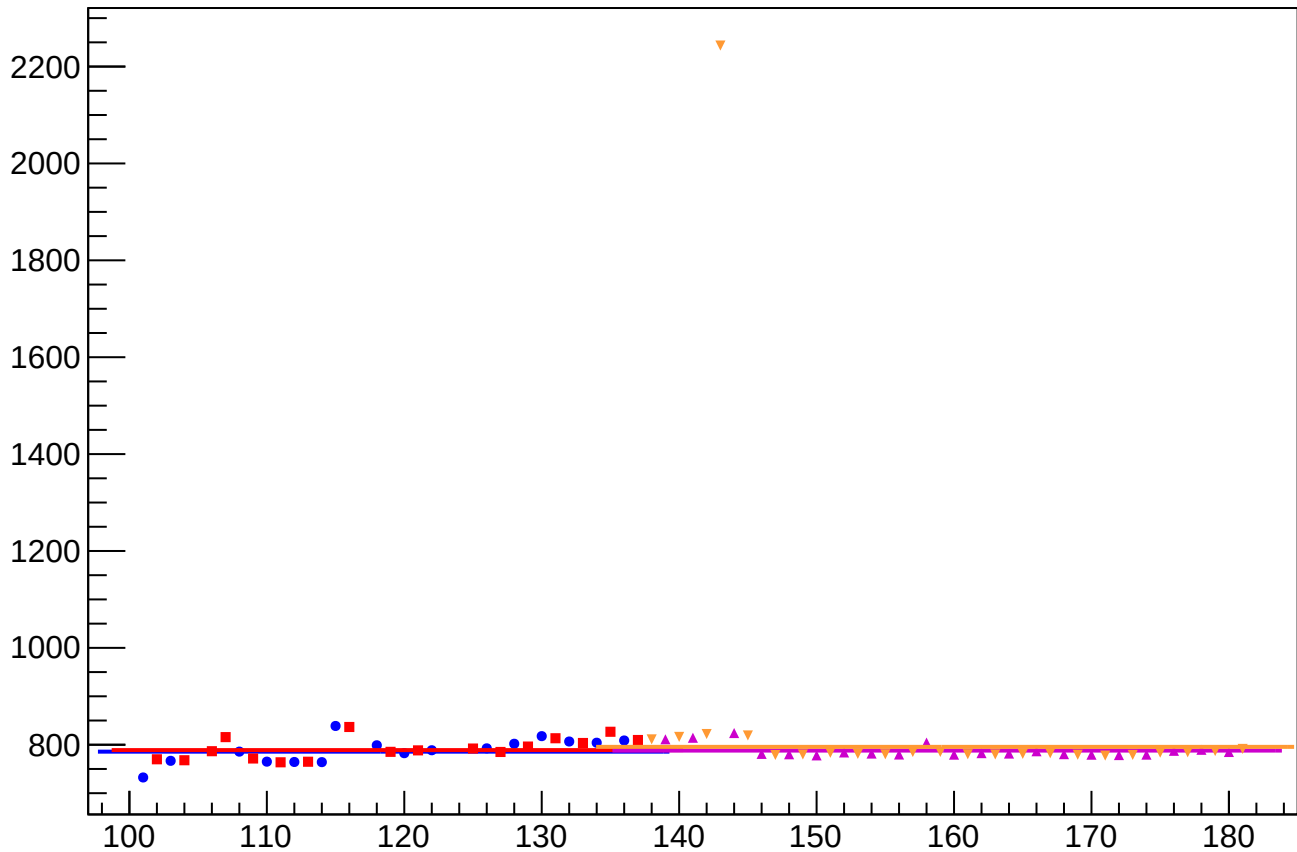
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -281.693 ± 163.142 χ^2/NDF : 34.3/36

Out: -187.074 ± 161.334 χ^2/NDF : 32.3/39

All: -233.857 ± 114.714 χ^2/NDF : 66.8/76

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.630 $\pm$ 0.135 χ^2 /NDF: 656903.9/22

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

Left In: 787.946 $\pm$ 0.137 χ^2 /NDF: 9088.1/20

Left: 791.826 $\pm$ 0.096 χ^2 /NDF: 667586.8/43

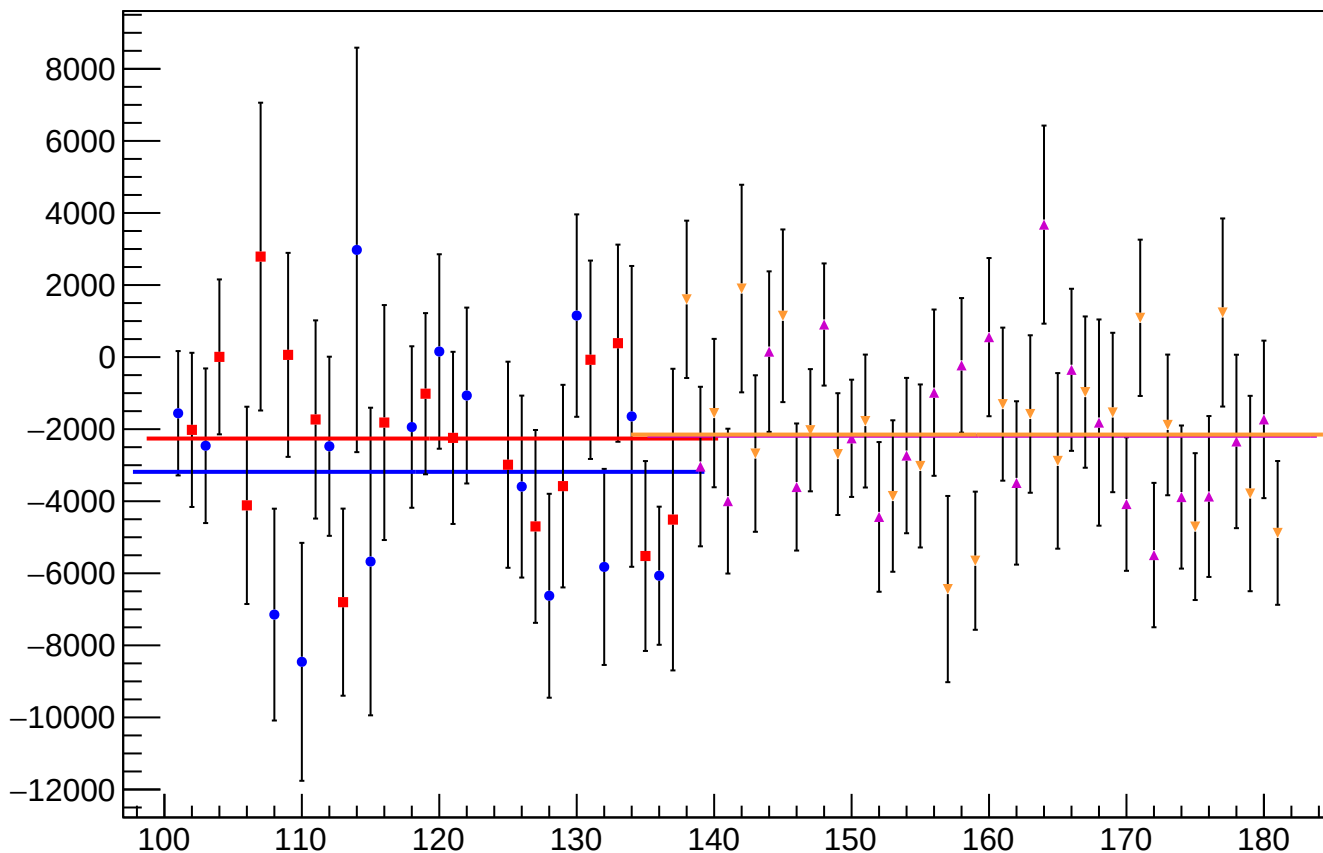
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 787.312 $\pm$ 0.115 χ^2 /NDF: 23084.3/36

Out: 793.690 $\pm$ 0.114 χ^2 /NDF: 667136.9/39

All: 790.537 $\pm$ 0.081 χ^2 /NDF: 691766.7/76

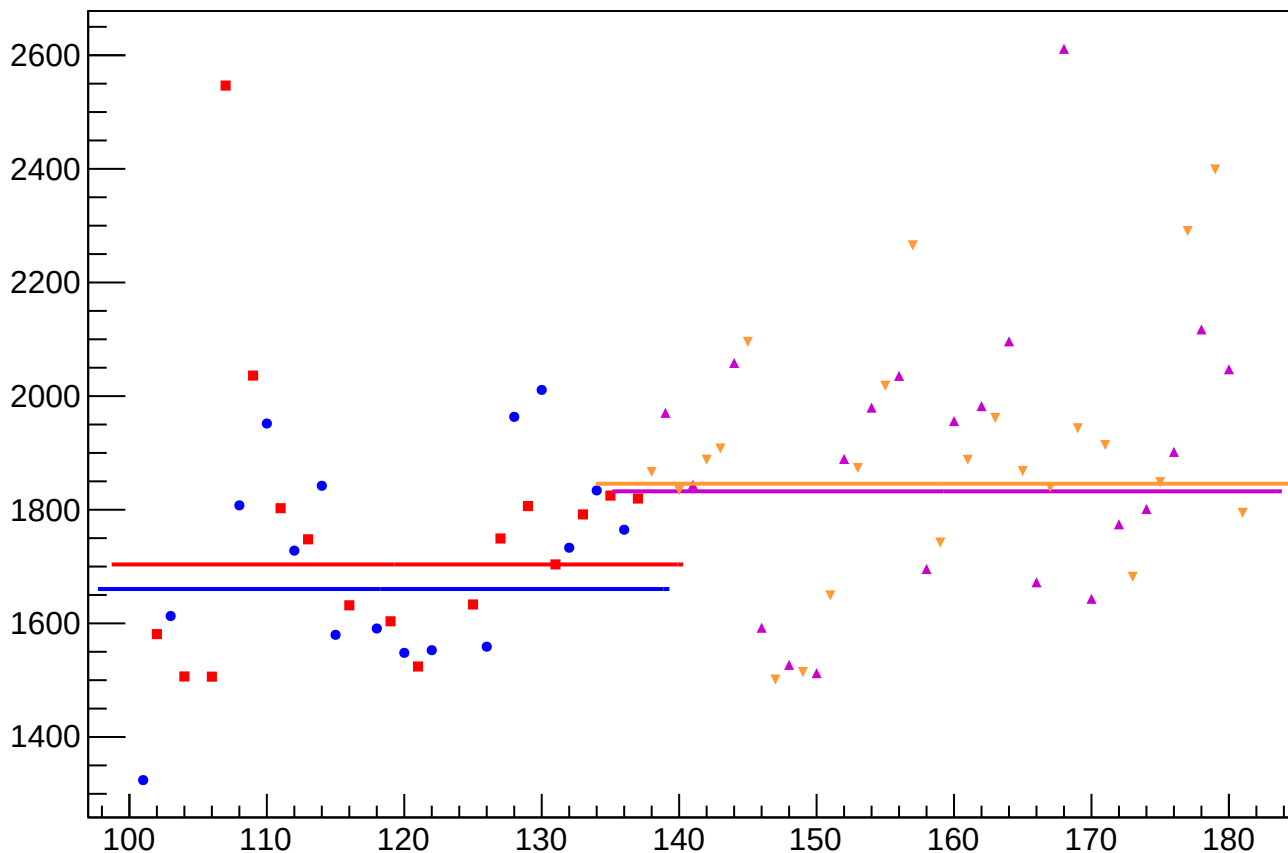
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2149.967 ± 444.219 $\chi^2/\text{NDF}: 22.5/22$
 Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 Left In: -2183.057 ± 453.973 $\chi^2/\text{NDF}: 20.9/20$

Left: -2166.153 ± 317.503 $\chi^2/\text{NDF}: 43.3/43$
 Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -2513.198 ± 371.688 $\chi^2/\text{NDF}: 39.3/36$
 Out: -2184.930 ± 367.104 $\chi^2/\text{NDF}: 34.1/39$
 All: -2347.027 ± 261.187 $\chi^2/\text{NDF}: 73.7/76$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1845.821 $\pm$ 0.314 χ^2 /NDF: 445944.7/22

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: 1839.276 $\pm$ 0.225 χ^2 /NDF: 955880.5/43

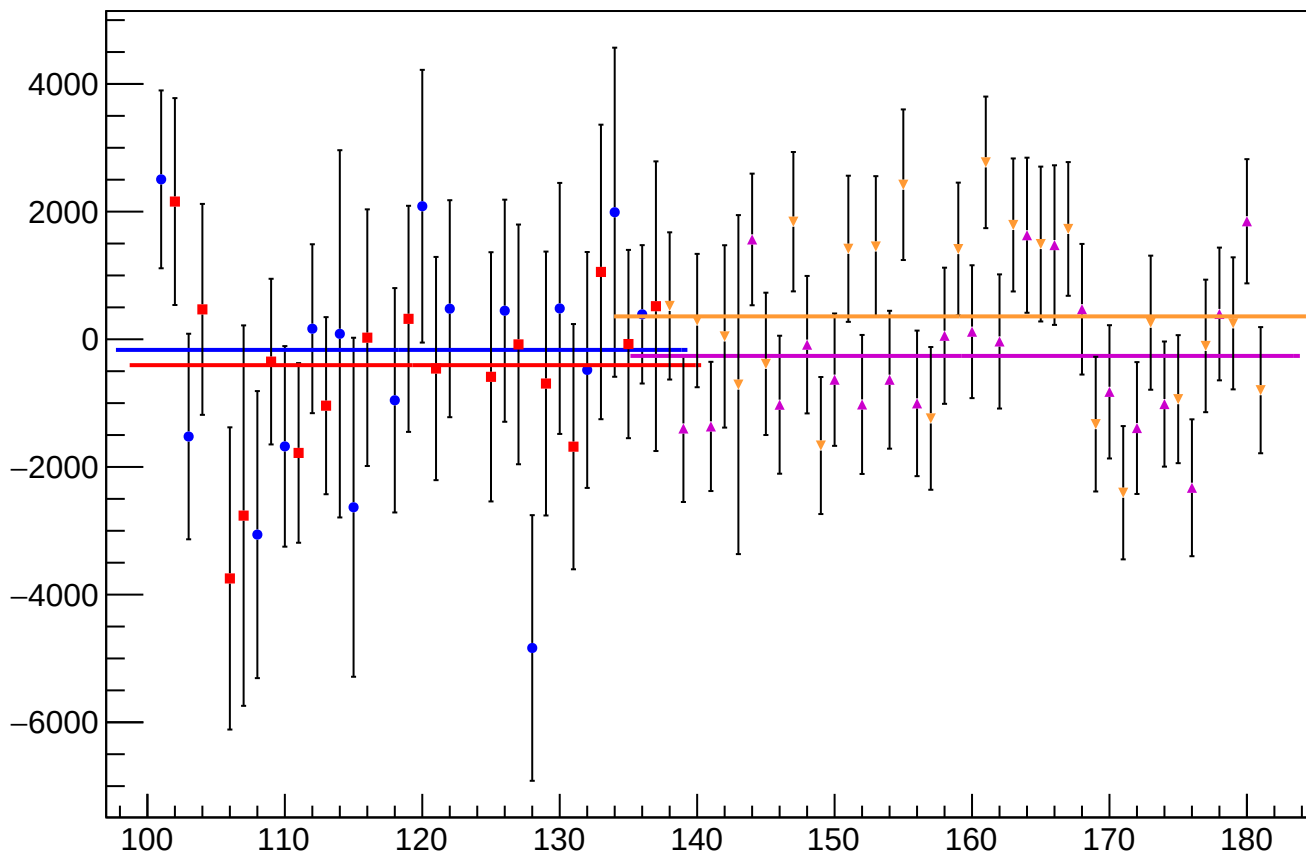
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1800.754 $\pm$ 0.260 χ^2 /NDF: 681895.9/39

All: 1788.405 $\pm$ 0.185 χ^2 /NDF: 1469353.4/76

asym_us_dd_mean vs Slug, Sign Corrected



Left: 52.327 ± 163.483 $\chi^2/\text{NDF}: 63.4/43$

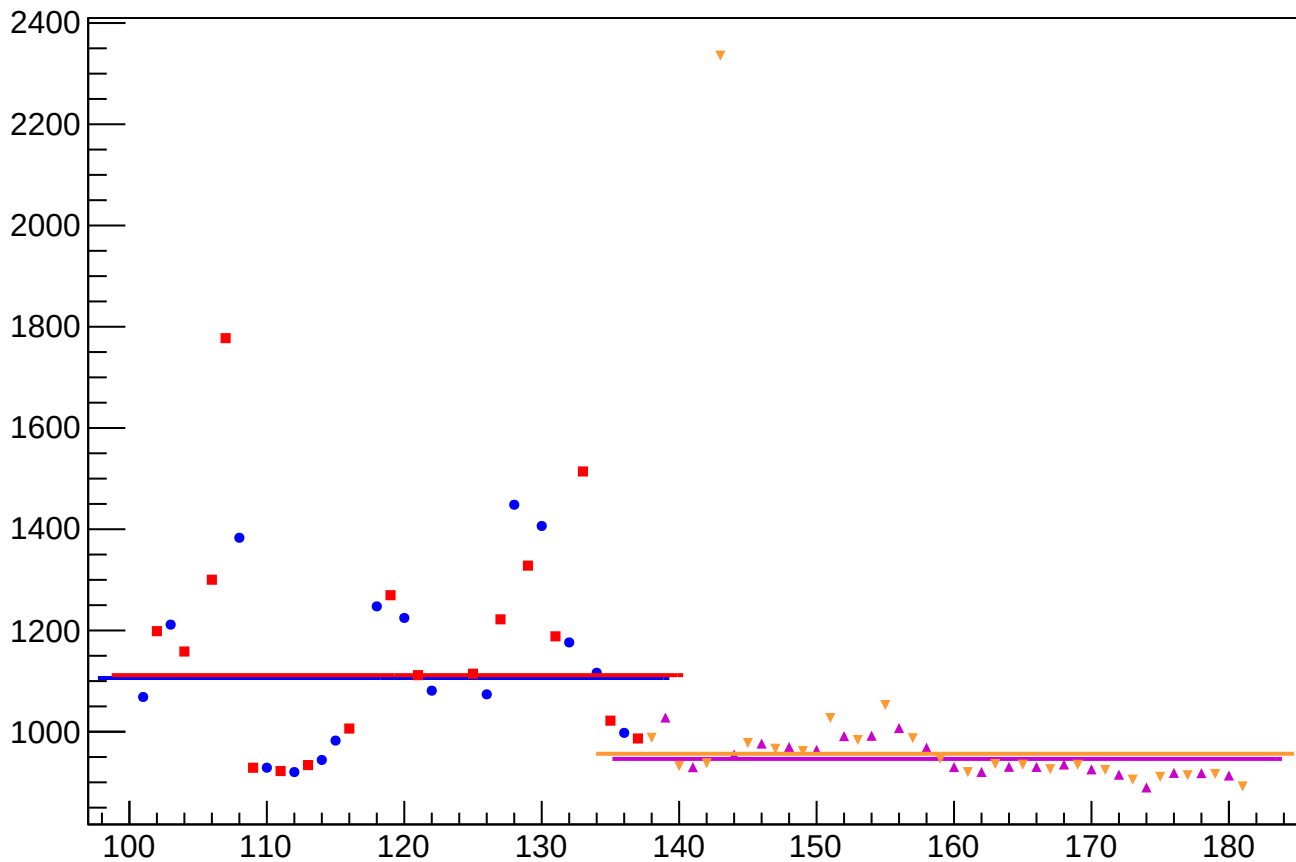
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -239.401 ± 204.727 $\chi^2/\text{NDF}: 38.7/36$

Out: 187.950 ± 202.686 $\chi^2/\text{NDF}: 47.2/39$

All: -23.585 ± 144.037 $\chi^2/\text{NDF}: 88.1/76$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 956.451+/-0.163 χ^2/NDF : 599141.4/22

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 946.287+/-0.164 χ^2/NDF : 44290.7/20

Left: 951.421+/-0.116 χ^2/NDF : 645364.4/43

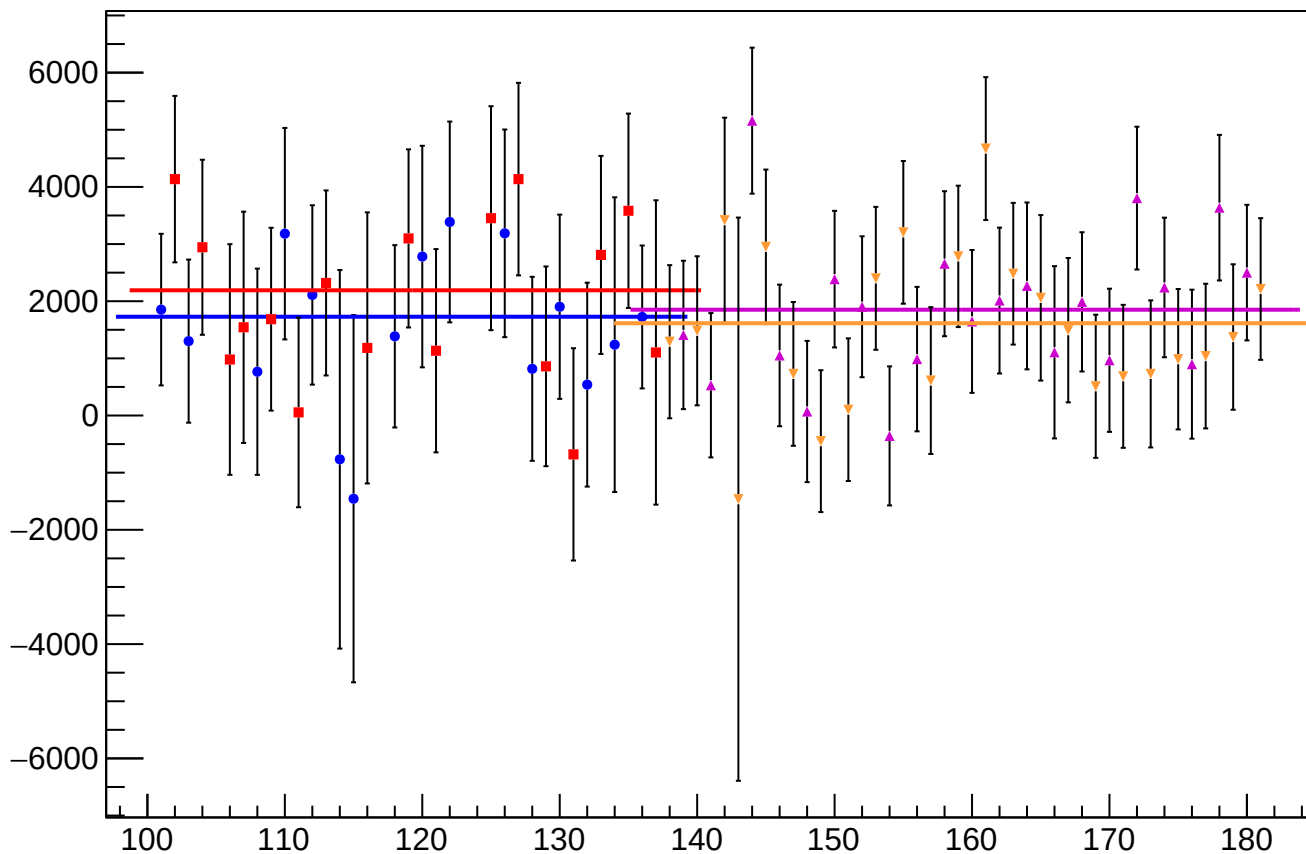
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 982.079+/-0.145 χ^2/NDF : 516126.4/36

Out: 991.173+/-0.143 χ^2/NDF : 1159312.6/39

All: 986.672+/-0.102 χ^2/NDF : 1677431.9/76

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1614.880 $\pm$ 273.824 χ^2 /NDF:19.8/22

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: 1732.190 $\pm$ 194.410 χ^2 /NDF: 41.2/43

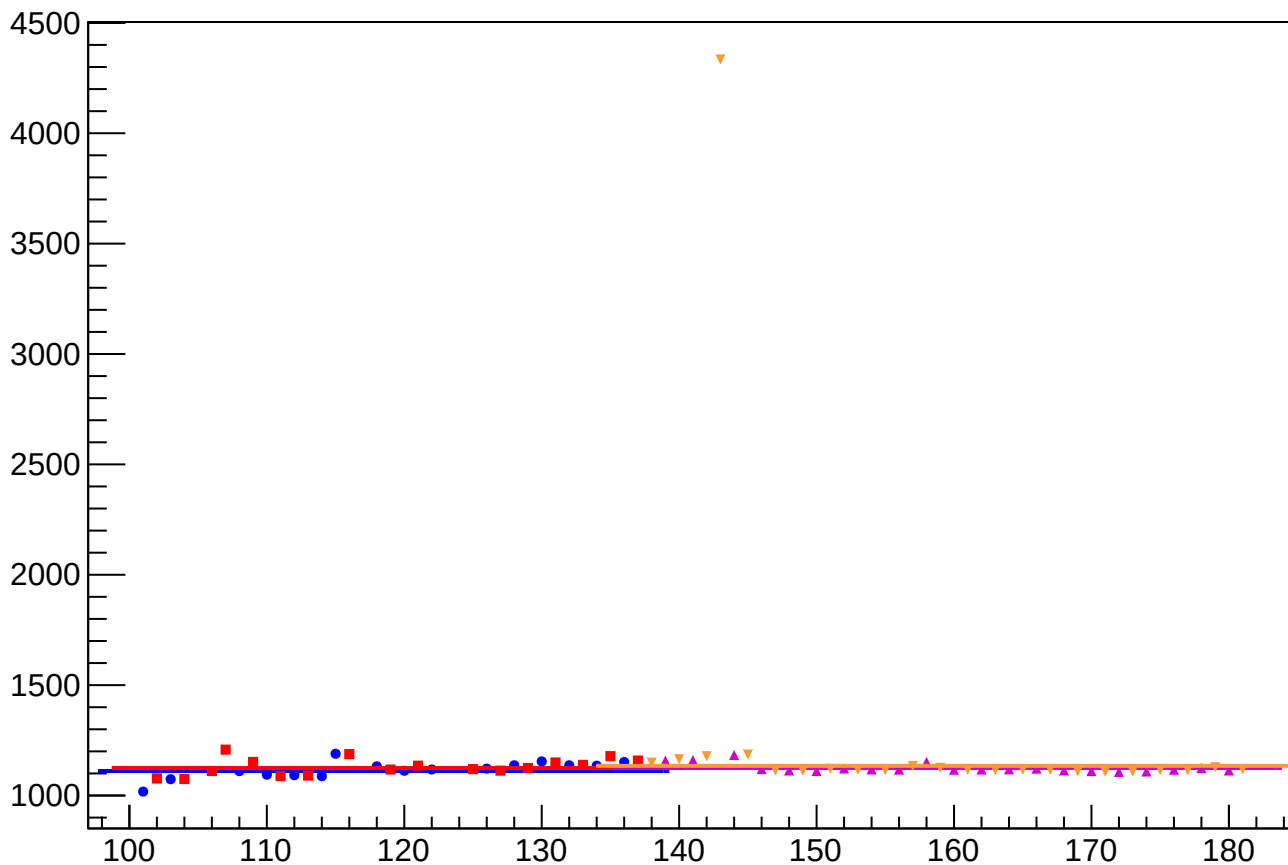
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

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

Out: 1782.630 $\pm$ 230.536 χ^2 /NDF:31.9/39

All: 1798.948 $\pm$ 163.626 χ^2 /NDF: 58.3/76

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1134.543+/-0.194 χ^2/NDF : 856512.5/22

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

Left In: 1124.891+/-0.195 χ^2/NDF : 10260.9/20

Left: 1129.756+/-0.137 χ^2/NDF : 868005.8/43

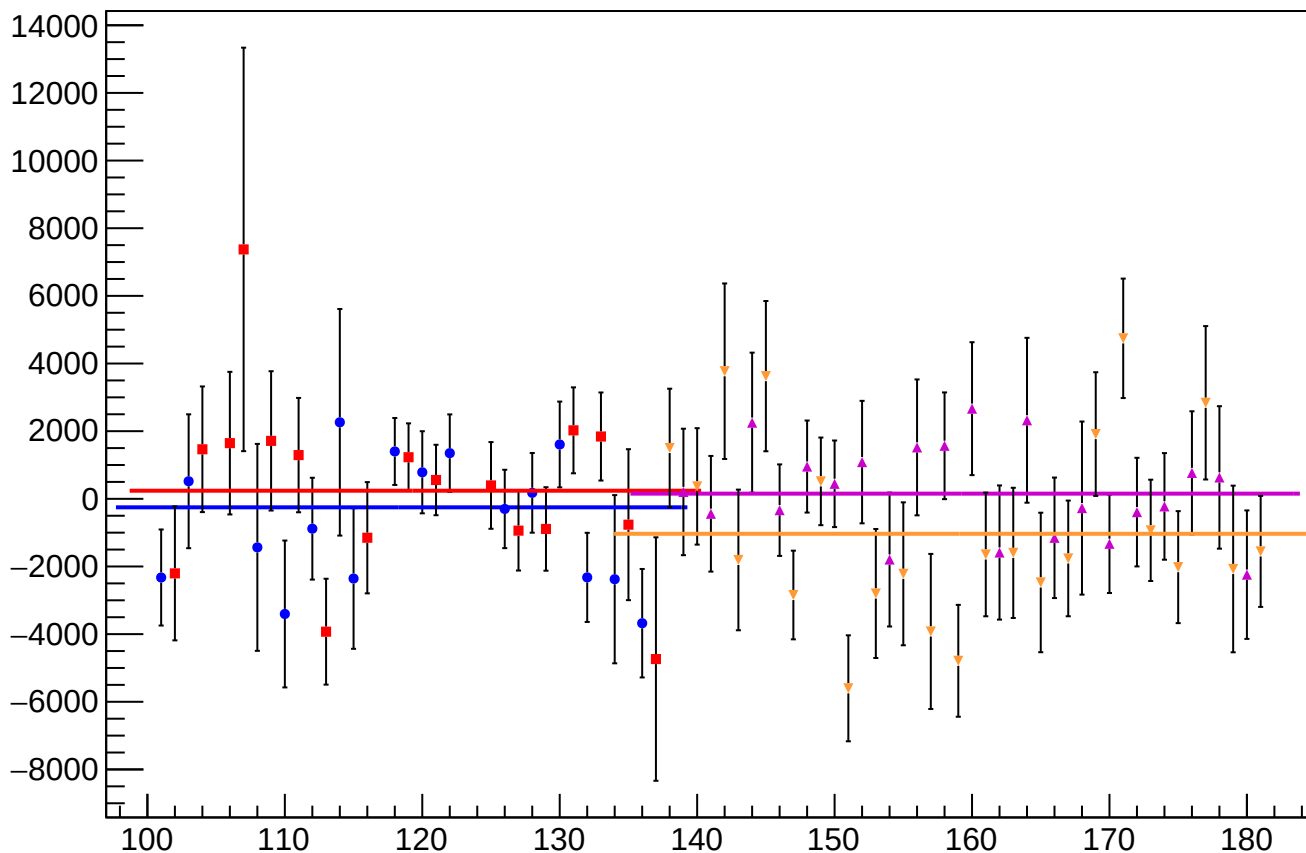
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1120.846+/-0.164 χ^2/NDF : 29821.9/36

Out: 1131.623+/-0.163 χ^2/NDF : 871894.4/39

All: 1126.275+/-0.116 χ^2/NDF : 903885.1/76

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1033.382 $\pm$ 372.840 χ^2/NDF : 48.2/22

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: -448.704 $\pm$ 265.567 χ^2/NDF : 64.1/43

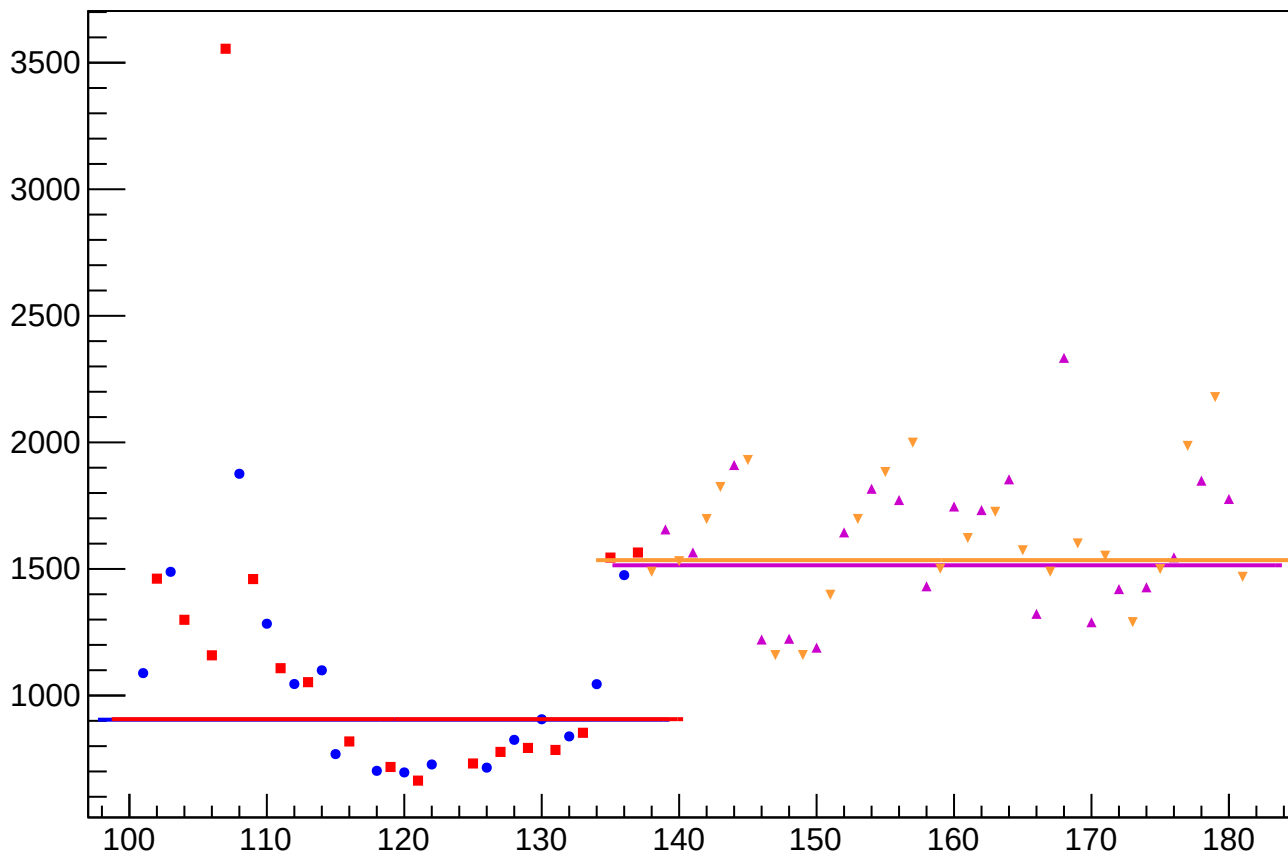
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

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

Out: -381.210 $\pm$ 260.398 χ^2/NDF : 75.3/39

All: -220.146 $\pm$ 184.928 χ^2/NDF : 109.4/76

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1534.796+/-0.264 χ^2/NDF : 912333.1/22

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: 1524.779+/-0.188 χ^2/NDF : 1880403.1/43

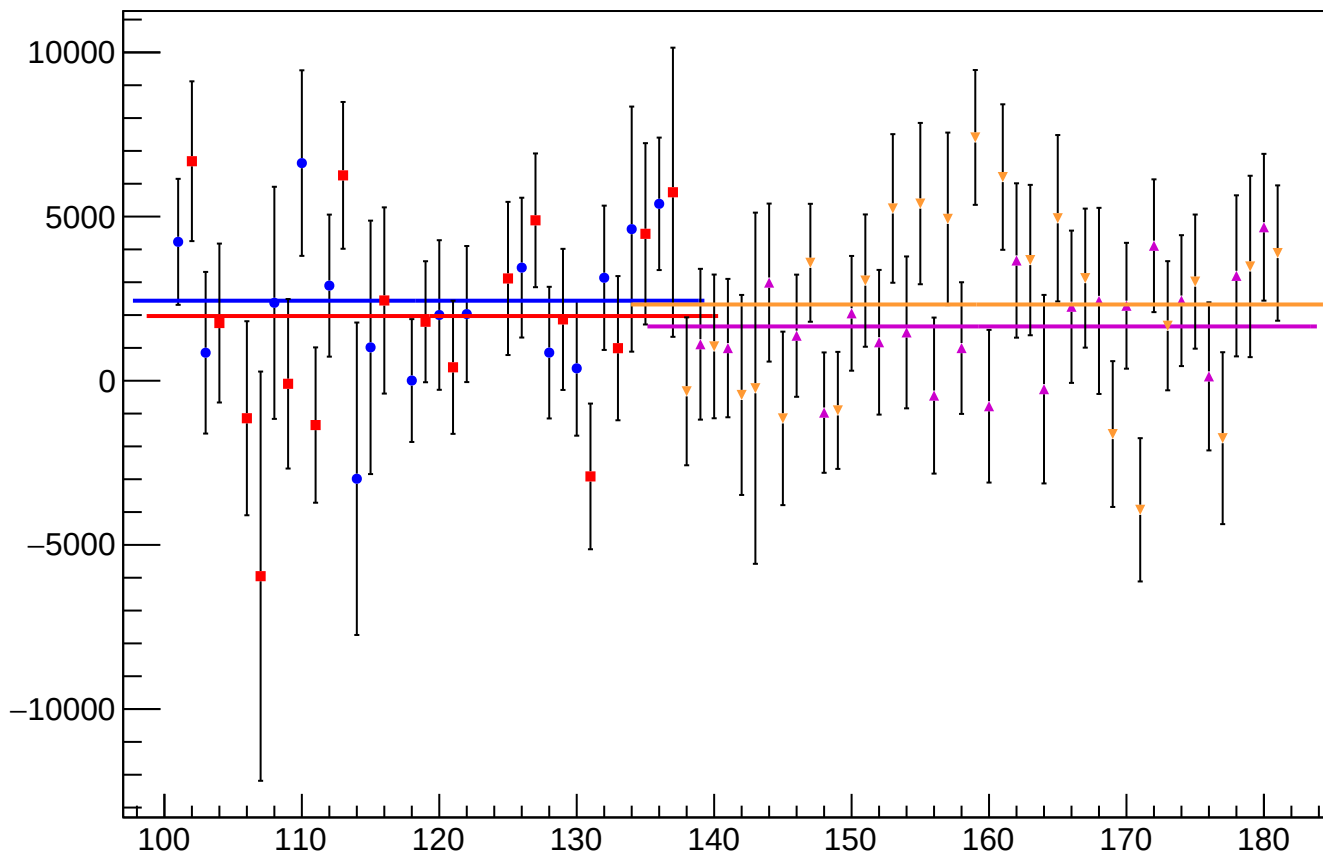
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

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

Out: 1213.023+/-0.184 χ^2/NDF : 5196673.3/39

All: 1205.813+/-0.131 χ^2/NDF : 9878793.8/76

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2322.431+/-471.285 χ^2/NDF : 38.2/22

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

Left In: 1653.707+/-474.087 χ^2/NDF : 10.4/20

Left: 1990.051+/-334.235 χ^2/NDF : 49.5/43

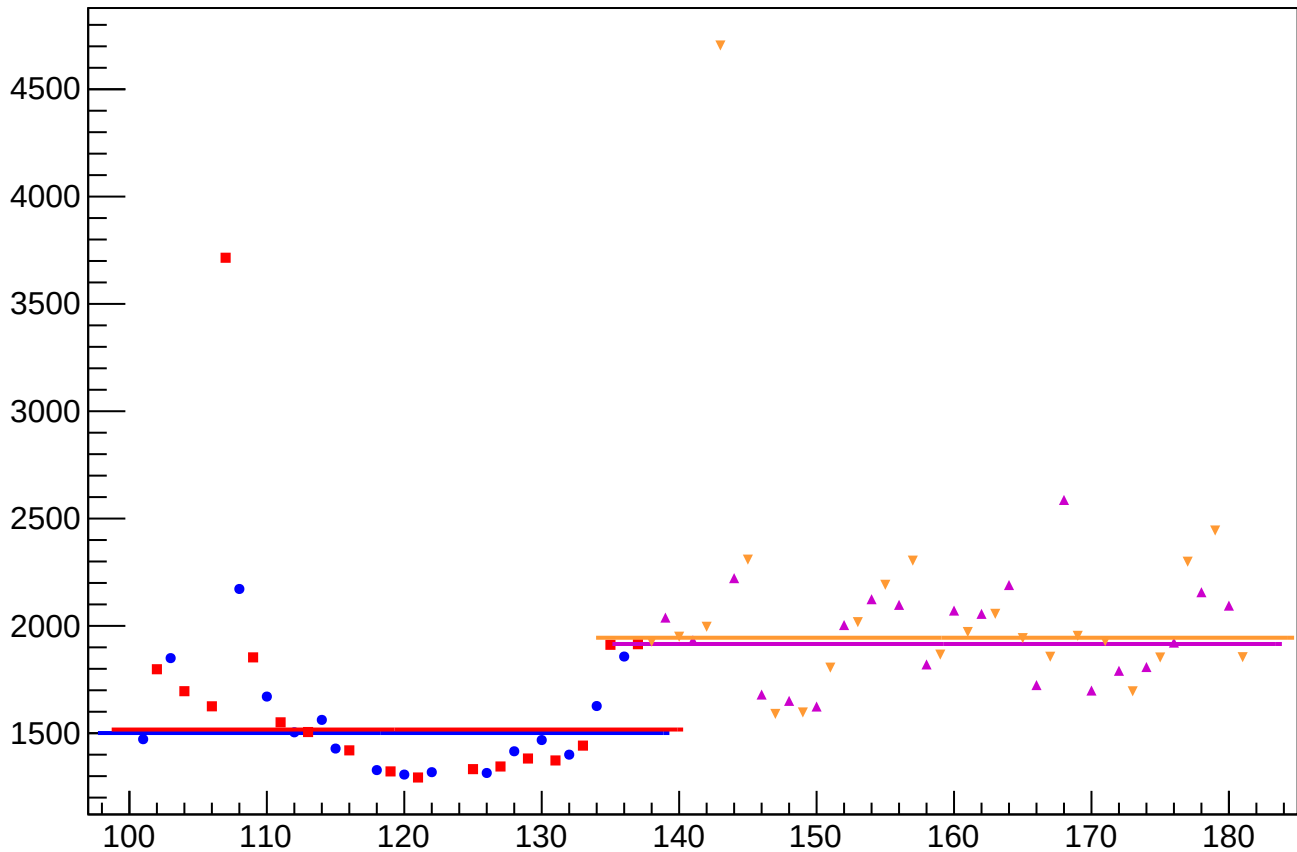
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1963.627+/-368.629 χ^2/NDF : 22.6/36

Out: 2184.374+/-367.414 χ^2/NDF : 60.7/39

All: 2074.365+/-260.230 χ^2/NDF : 83.5/76

asym_usl_rms vs Slug, Sign Corrected



Left: 1930.309 ± 0.236 , $\chi^2/\text{NDF}: 1386904.1/43$

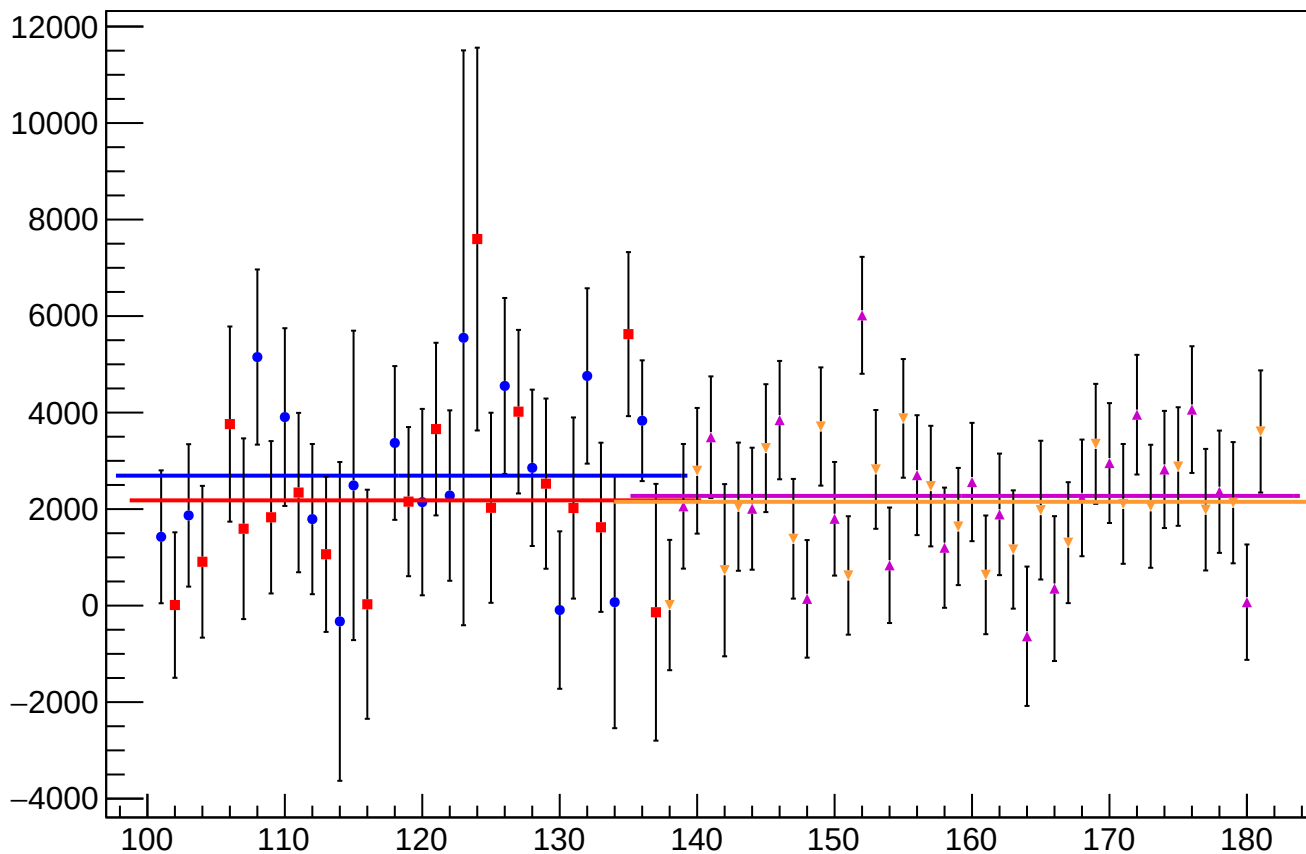
Right: 1508.969 ± 0.293 , $\chi^2/\text{NDF}: 732045.6/32$

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

Out: 1777.061 ± 0.260 , $\chi^2/\text{NDF}: 2069343.9/39$

All: 1764.381 ± 0.184 , $\chi^2/\text{NDF}: 3370583.2/76$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2151.252 $\pm$ 266.146 χ^2 /NDF:15.4/22

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: 2210.605 $\pm$ 190.739 χ^2 /NDF: 46.7/43

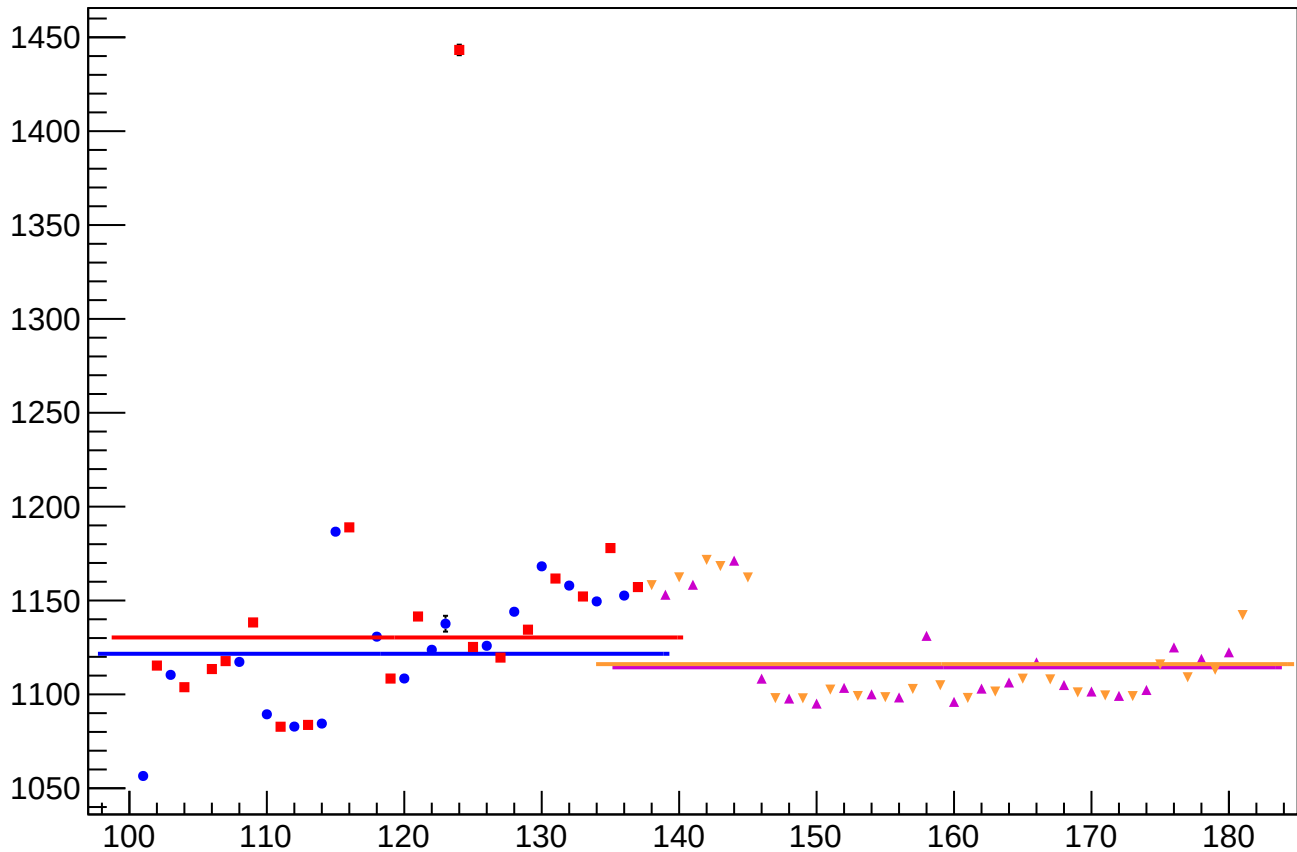
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2159.613 $\pm$ 225.635 χ^2 /NDF:29.0/40

All: 2273.540 $\pm$ 161.470 χ^2 /NDF: 73.6/78

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1116.114 ± 0.188 χ^2/NDF : 17005.8/22

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

Left In: 1114.407 ± 0.193 χ^2/NDF : 12135.0/20

Left: 1115.284 ± 0.135 χ^2/NDF : 29180.8/43

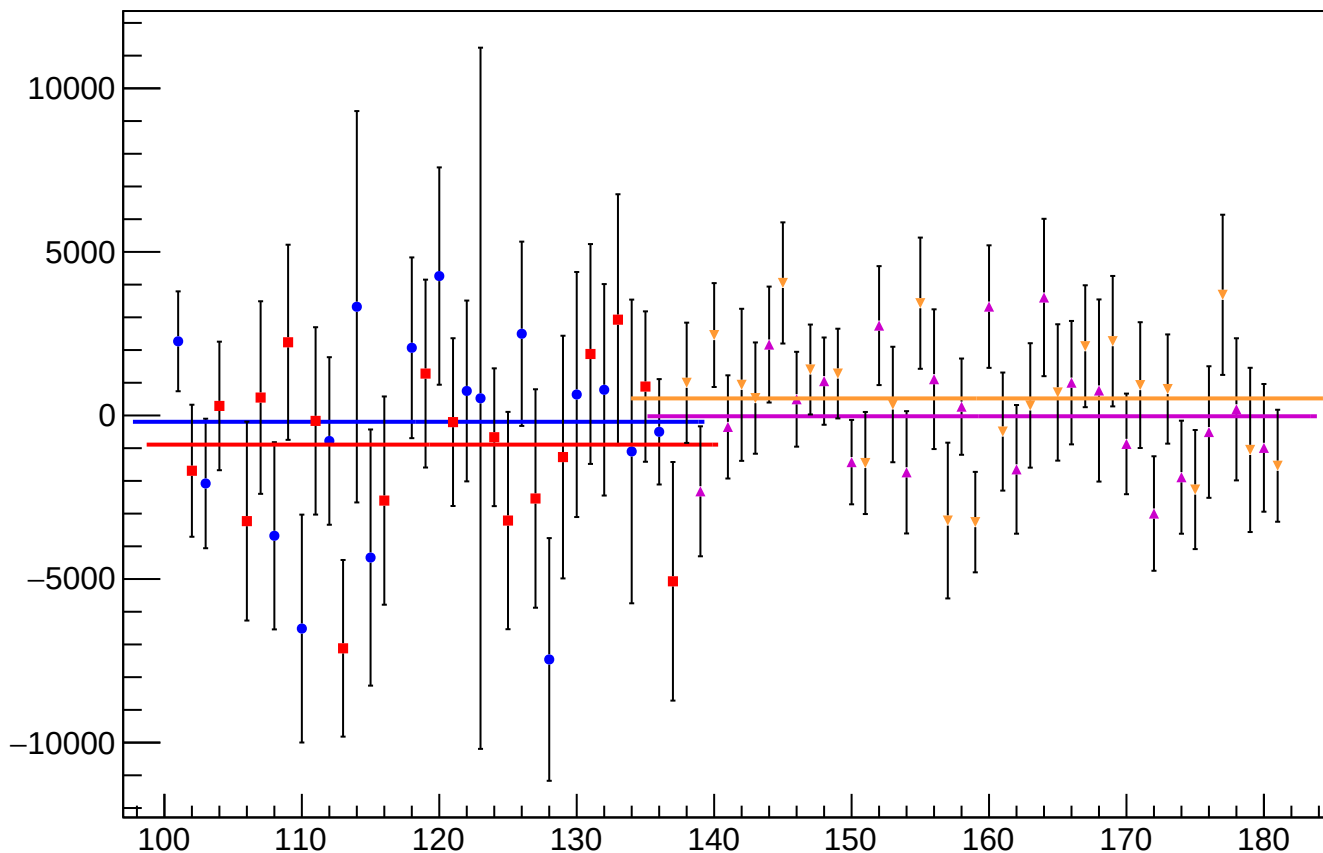
Right: 1126.044 ± 0.214 χ^2/NDF : 33666.6/34

In: 1116.468 ± 0.163 χ^2/NDF : 24513.2/37

Out: 1120.108 ± 0.160 χ^2/NDF : 39883.7/40

All: 1118.332 ± 0.114 χ^2/NDF : 64650.9/78

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 521.435 $\pm$ 375.064 χ^2/NDF : 26.0/22

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: 254.434 $\pm$ 267.998 χ^2/NDF : 46.5/43

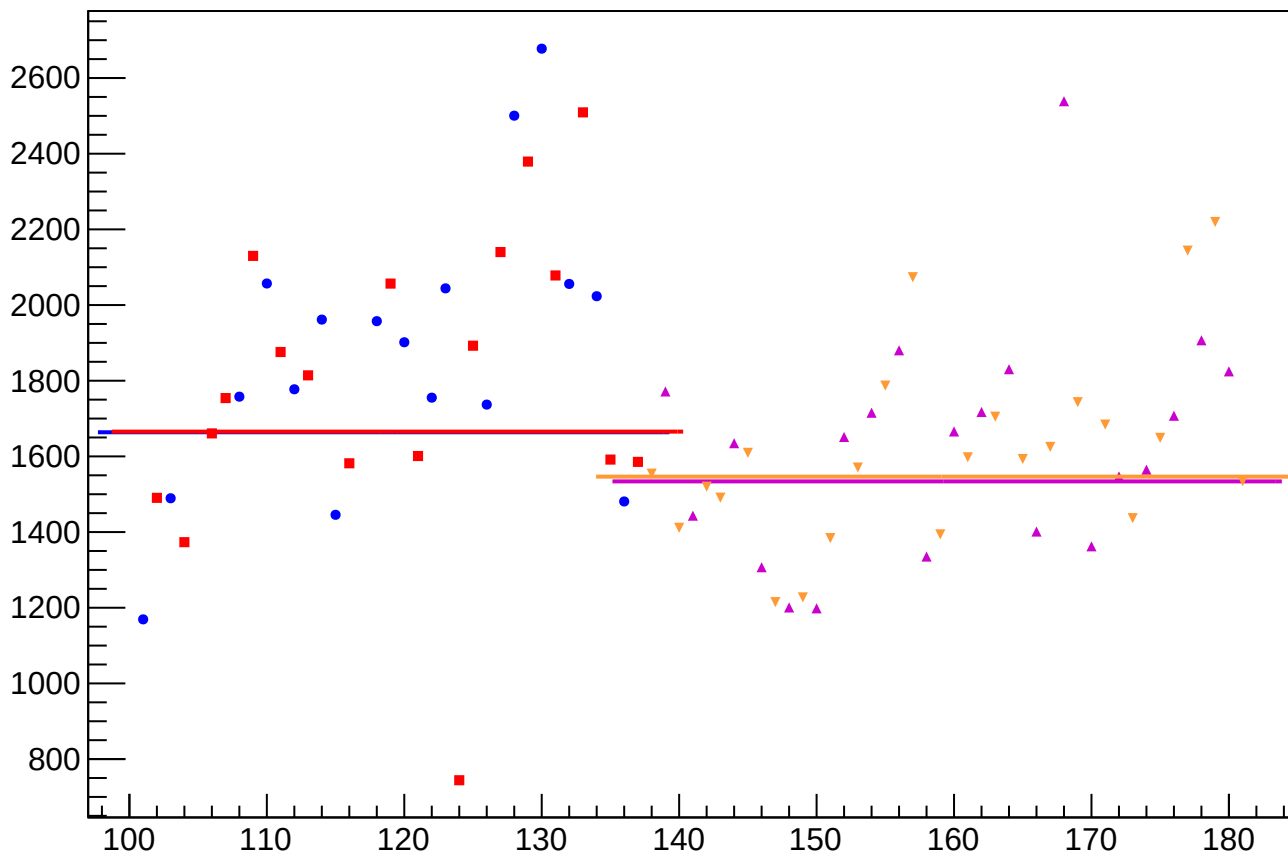
Right: -548.030 $\pm$ 463.023 χ^2/NDF : 31.0/34

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

Out: 168.128 $\pm$ 324.787 χ^2/NDF : 42.6/40

All: 53.062 $\pm$ 231.947 χ^2/NDF : 79.8/78

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1546.493 $\pm$ 0.265 χ^2 /NDF: 740475.7/22

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: 1540.335 $\pm$ 0.190 χ^2 /NDF: 1680605.6/43

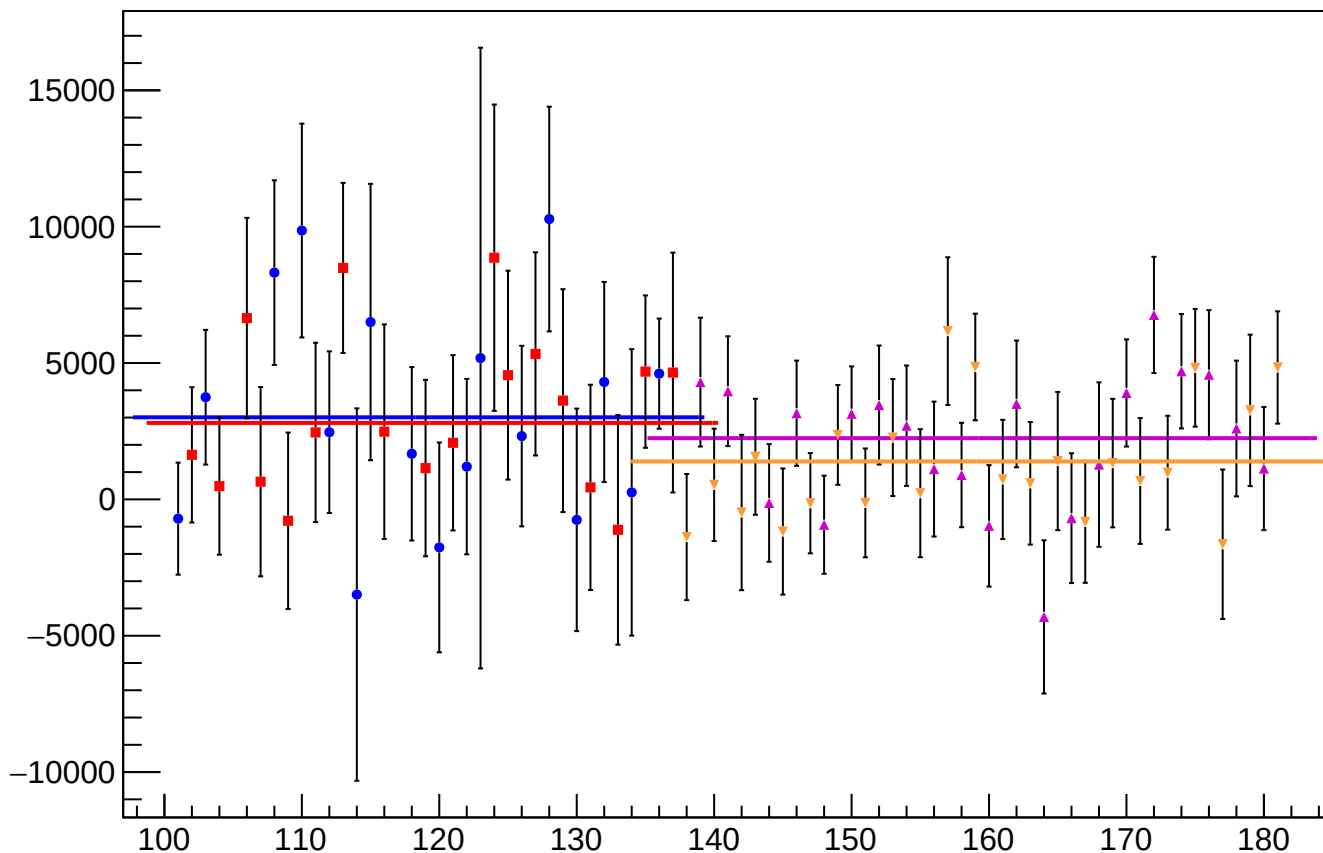
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

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

Out: 1576.252 $\pm$ 0.230 χ^2 /NDF: 1593604.3/40

All: 1571.528 $\pm$ 0.164 χ^2 /NDF: 3213849.3/78

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1392.718+/-462.761 χ^2/NDF : 19.9/22

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: 1808.609+/-331.264 χ^2/NDF : 46.1/43

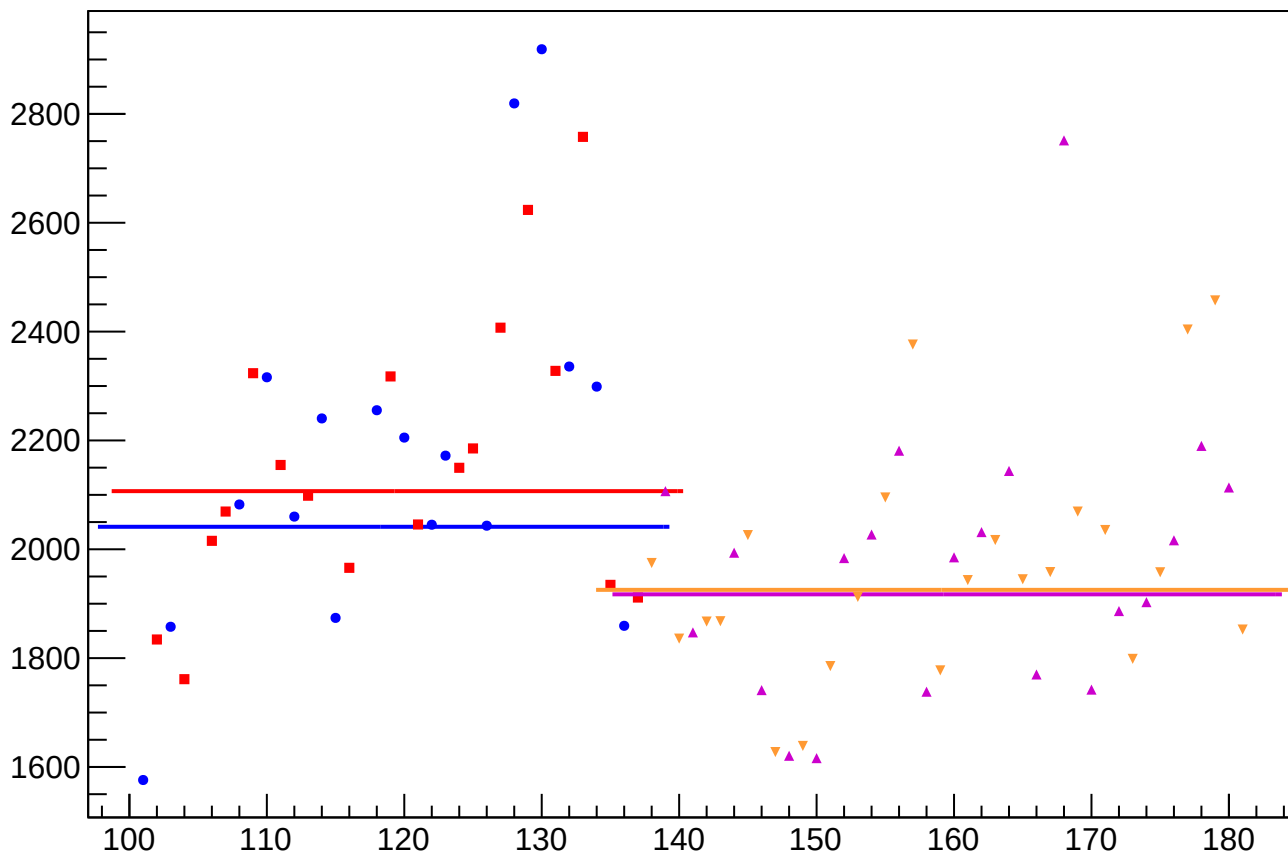
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

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

Out: 1746.812+/-400.520 χ^2/NDF : 33.4/40

All: 2089.180+/-285.822 χ^2/NDF : 77.6/78

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1925.459+/-0.327 χ^2/NDF : 360296.4/22

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

Left In: 1917.218+/-0.335 χ^2/NDF : 435246.8/20

Left: 1921.441+/-0.234 χ^2/NDF : 795852.4/43

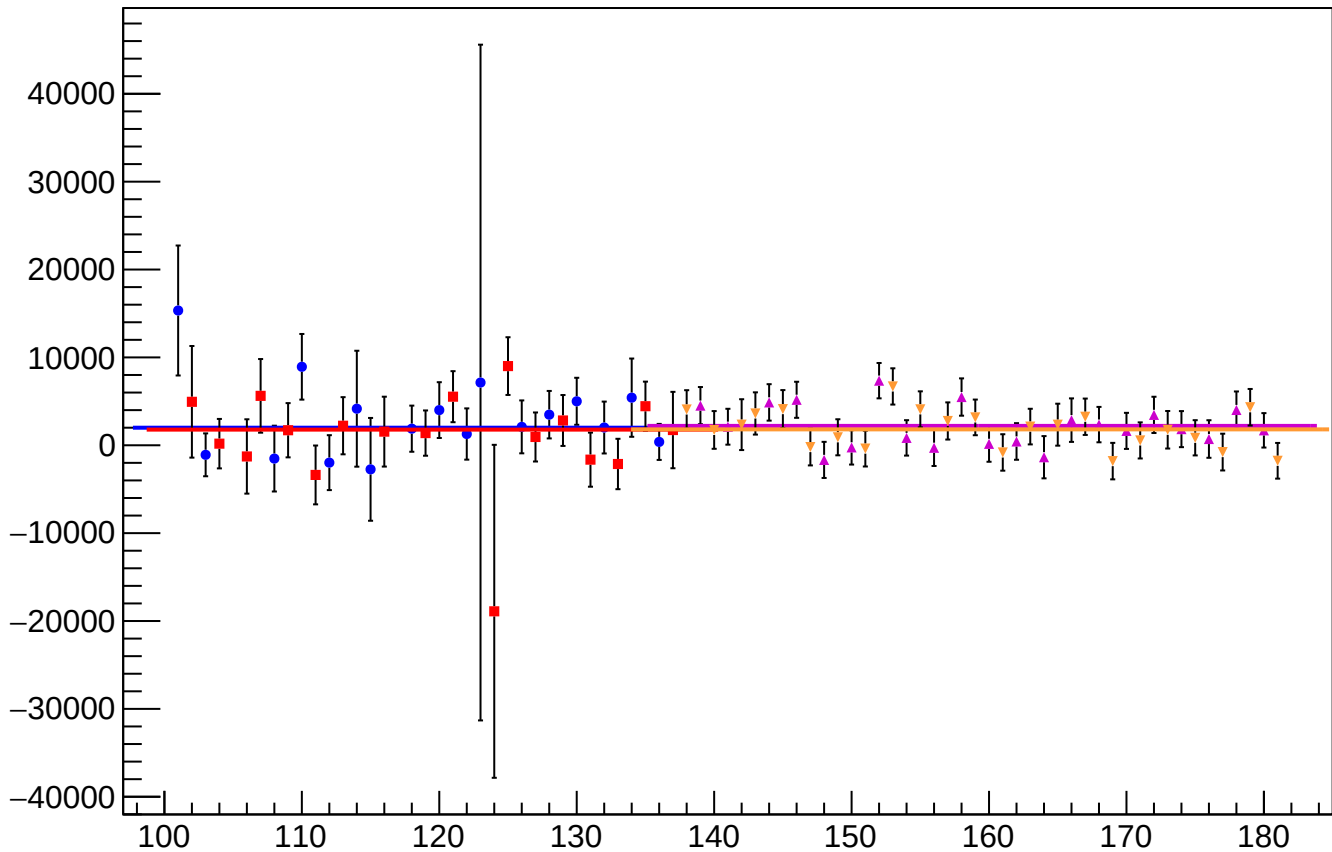
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1949.534+/-0.289 χ^2/NDF : 809330.6/37

Out: 1970.970+/-0.283 χ^2/NDF : 634114.0/40

All: 1960.451+/-0.202 χ^2/NDF : 1446256.0/78

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1809.480 $\pm$ 442.729 χ^2 /NDF:24.5/22

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

Left In: 2205.108 $\pm$ 454.160 χ^2 /NDF:26.7/20

Left: 2002.252 $\pm$ 317.021 χ^2 /NDF: 51.5/43

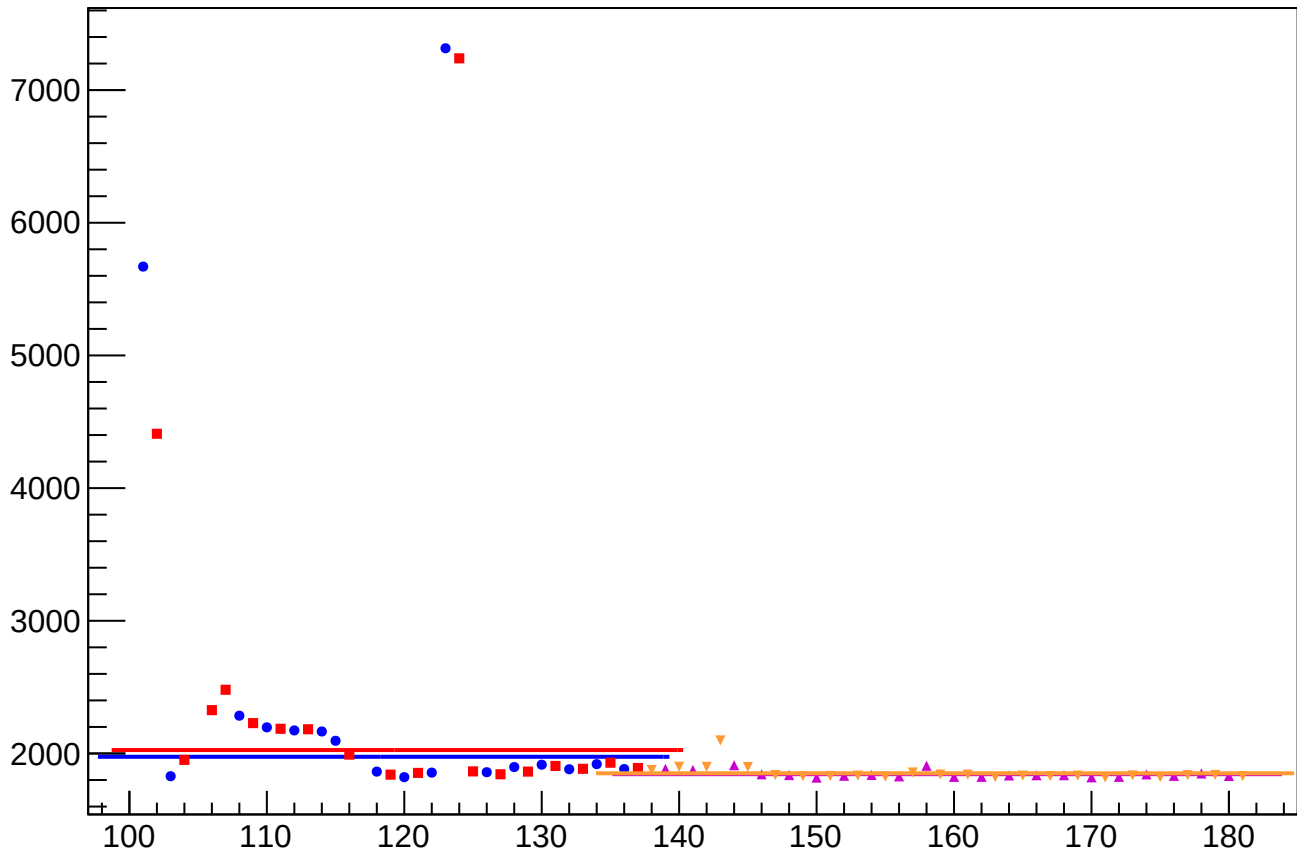
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2153.312 $\pm$ 392.683 χ^2 /NDF:41.5/37

Out: 1802.765 $\pm$ 385.250 χ^2 /NDF:40.7/40

All: 1974.689 $\pm$ 275.003 χ^2 /NDF: 82.7/78

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1850.693+/-0.313 χ^2/NDF : 27393.1/22

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: 1847.439+/-0.224 χ^2/NDF : 34397.3/43

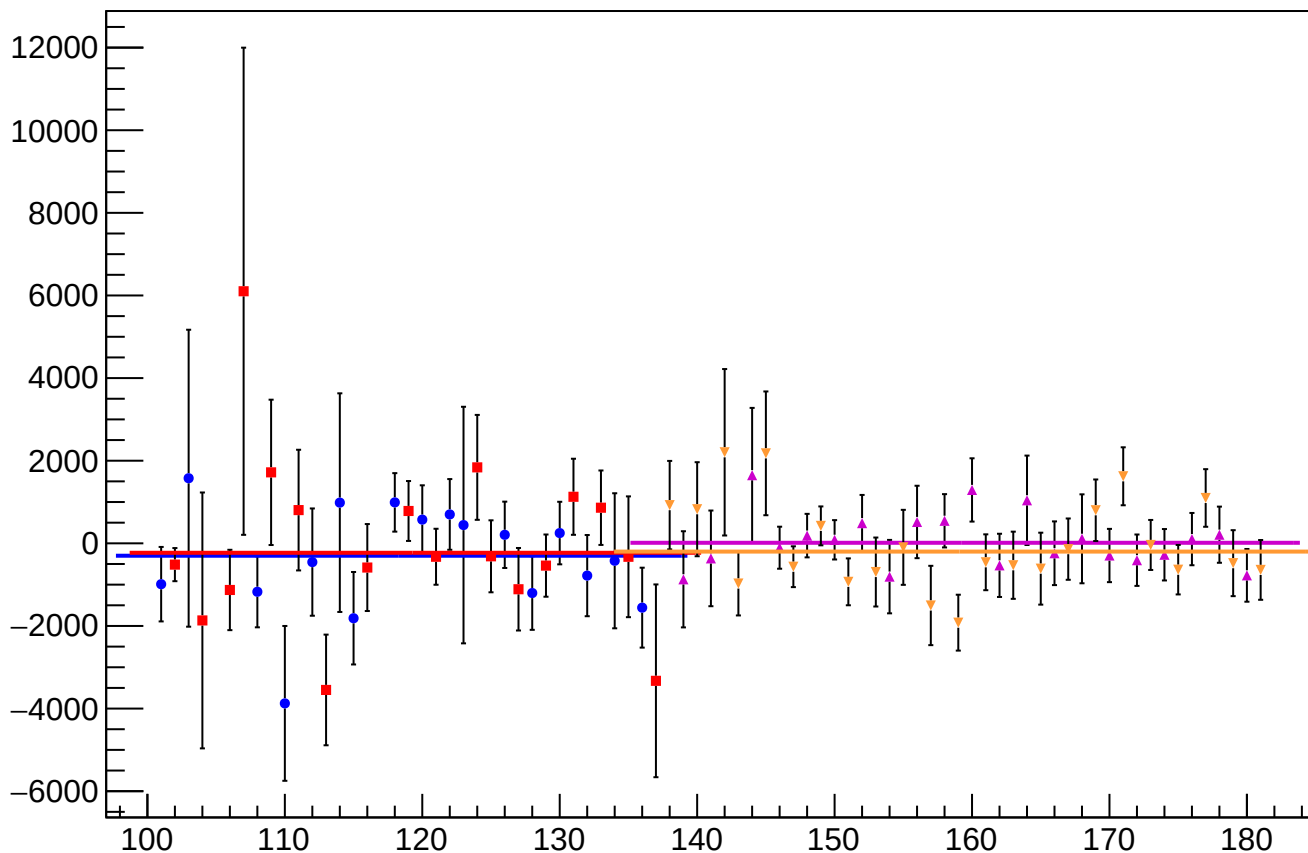
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1893.226+/-0.272 χ^2/NDF : 638805.6/40

All: 1885.320+/-0.194 χ^2/NDF : 1289198.2/78

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -199.733 $\pm$ 151.855 χ^2 /NDF:33.2/22

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: -94.478 $\pm$ 108.008 χ^2 /NDF: 45.2/43

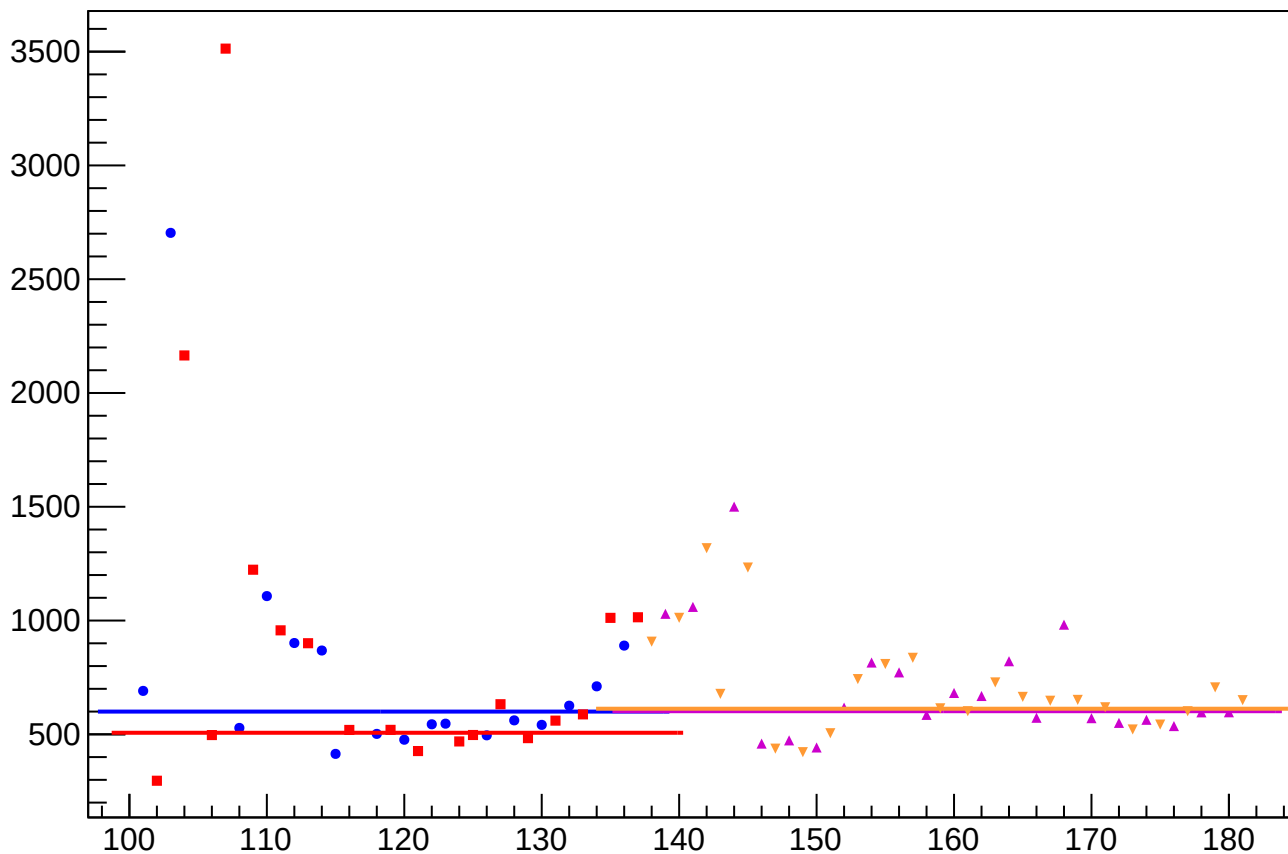
Right: -259.640 $\pm$ 162.327 χ^2 /NDF: 39.2/34

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

Out: -209.368 $\pm$ 124.156 χ^2 /NDF:54.9/40

All: -145.160 $\pm$ 89.922 χ^2 /NDF: 85.1/78

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 612.560+/-0.107 χ^2/NDF : 2068745.6/22

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

Left In: 601.646+/-0.109 χ^2/NDF : 2305125.5/20

Left: 607.167+/-0.076 χ^2/NDF : 4378976.1/43

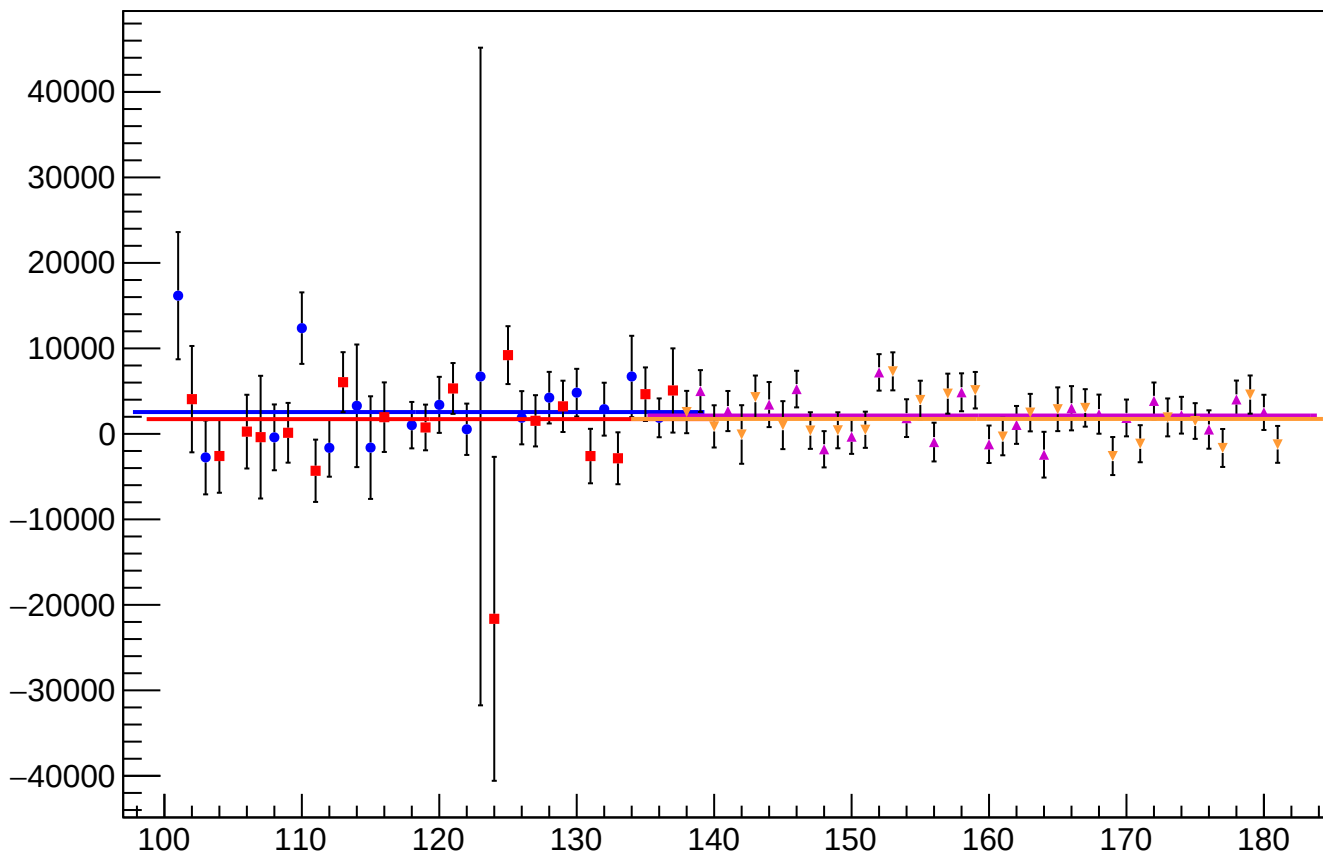
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 601.173+/-0.092 χ^2/NDF : 3686242.8/37

Out: 577.521+/-0.088 χ^2/NDF : 5150777.3/40

All: 588.766+/-0.064 χ^2/NDF : 8871526.8/78

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1748.556 $\pm$ 476.328 χ^2 /NDF: 27.1/22

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: 1943.028 $\pm$ 341.212 χ^2 /NDF: 52.8/43

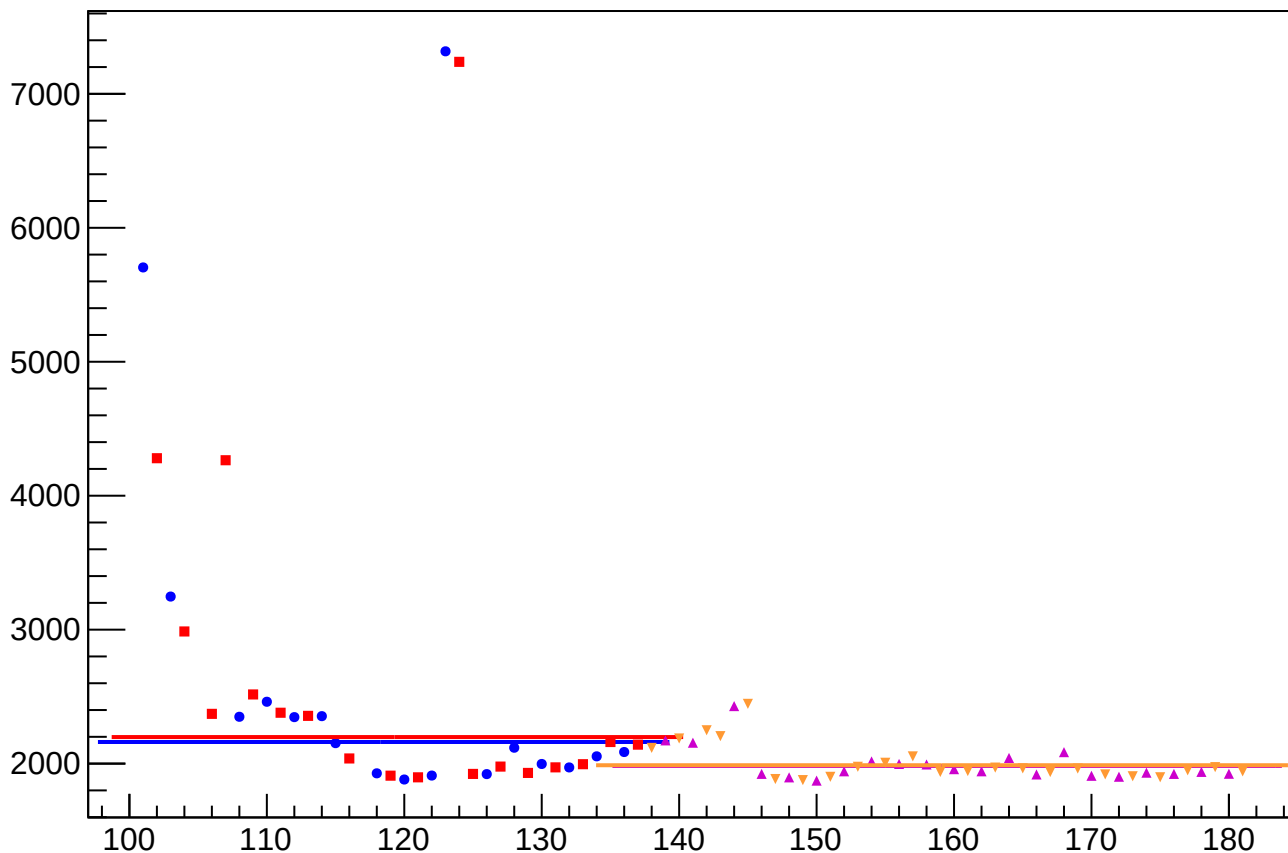
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

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

Out: 1743.469 $\pm$ 416.130 χ^2 /NDF: 46.6/40

All: 1990.087 $\pm$ 297.322 χ^2 /NDF: 88.5/78

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1987.820 $\pm$ 0.337 χ^2 /NDF:127148.3/22

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

Left In: 1982.351 $\pm$ 0.346 χ^2 /NDF:109699.7/20

Left: 1985.158 $\pm$ 0.241 χ^2 /NDF: 236976.4/43

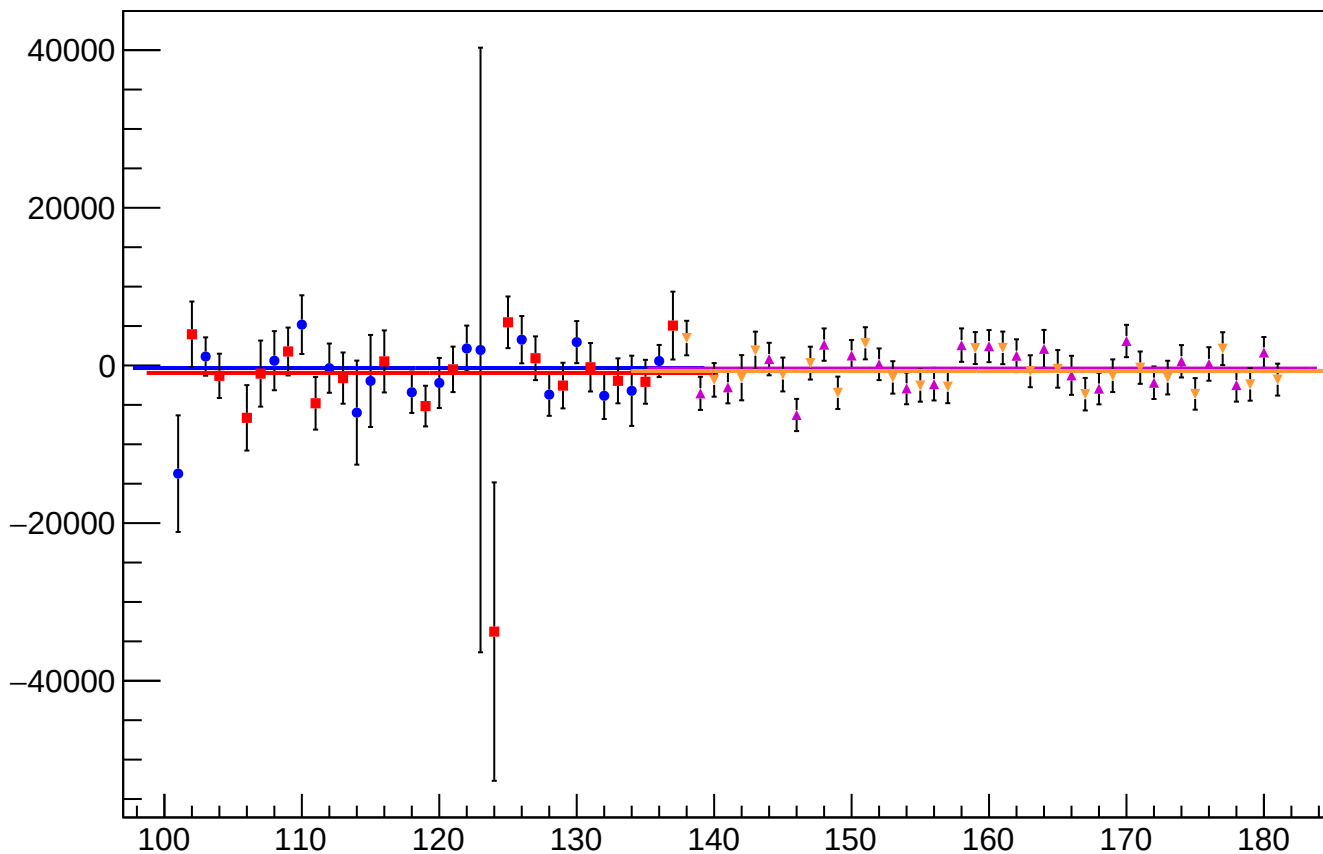
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2026.187 $\pm$ 0.300 χ^2 /NDF:886602.6/37

Out: 2037.633 $\pm$ 0.294 χ^2 /NDF:953392.5/40

All: 2032.030 $\pm$ 0.210 χ^2 /NDF: 1840735.7/78

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -704.925+/-441.527 χ^2/NDF : 23.4/22

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: -553.504+/-316.241 χ^2/NDF : 54.8/43

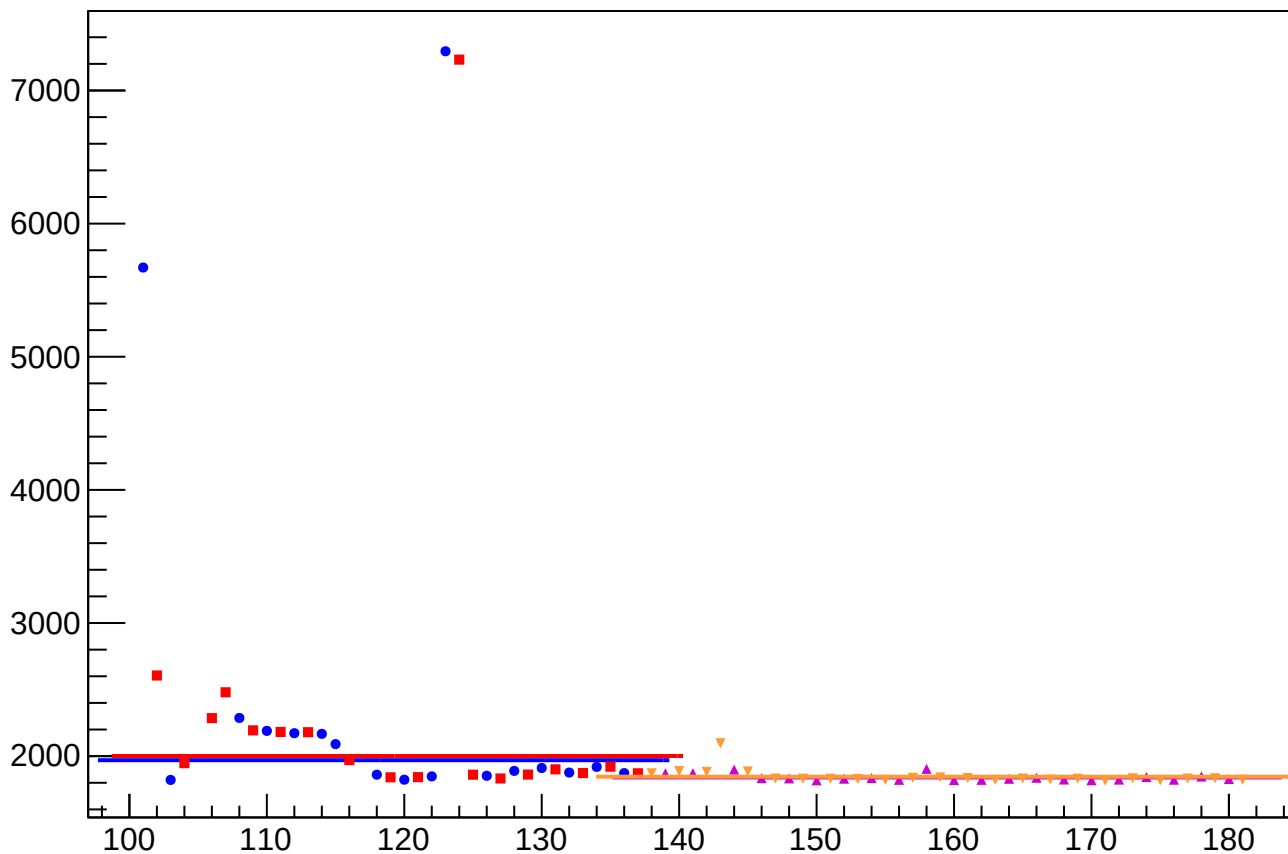
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

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

Out: -765.855+/-383.060 χ^2/NDF : 41.7/40

All: -575.433+/-273.893 χ^2/NDF : 89.0/78

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1845.732+/-0.312 χ^2/NDF : 26621.1/22

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: 1842.949+/-0.224 χ^2/NDF : 32758.7/43

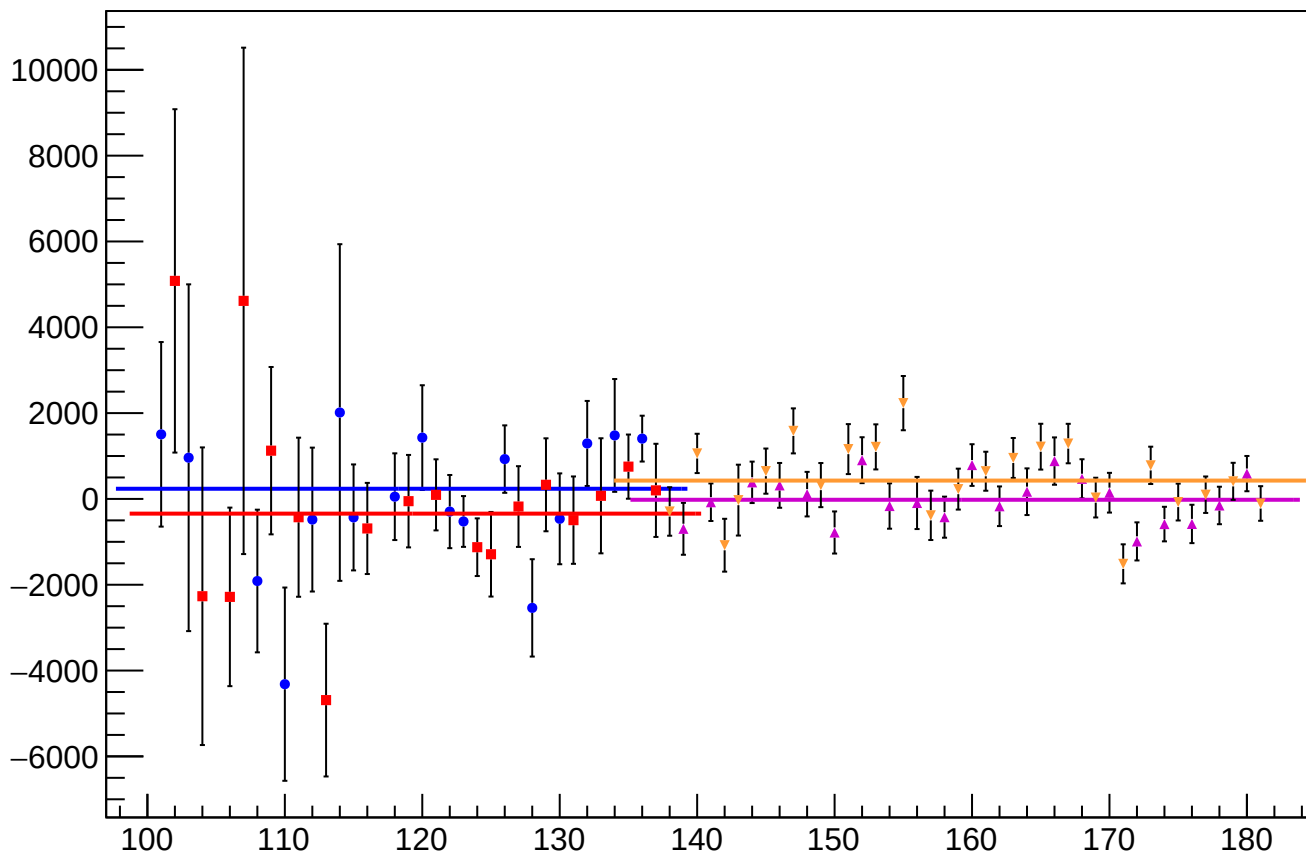
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

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

Out: 1884.175+/-0.271 χ^2/NDF : 378551.7/40

All: 1878.577+/-0.194 χ^2/NDF : 1029451.9/78

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 427.627 $\pm$ 102.894 χ^2 /NDF:59.5/22

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: 208.823 $\pm$ 73.550 χ^2 /NDF: 95.0/43

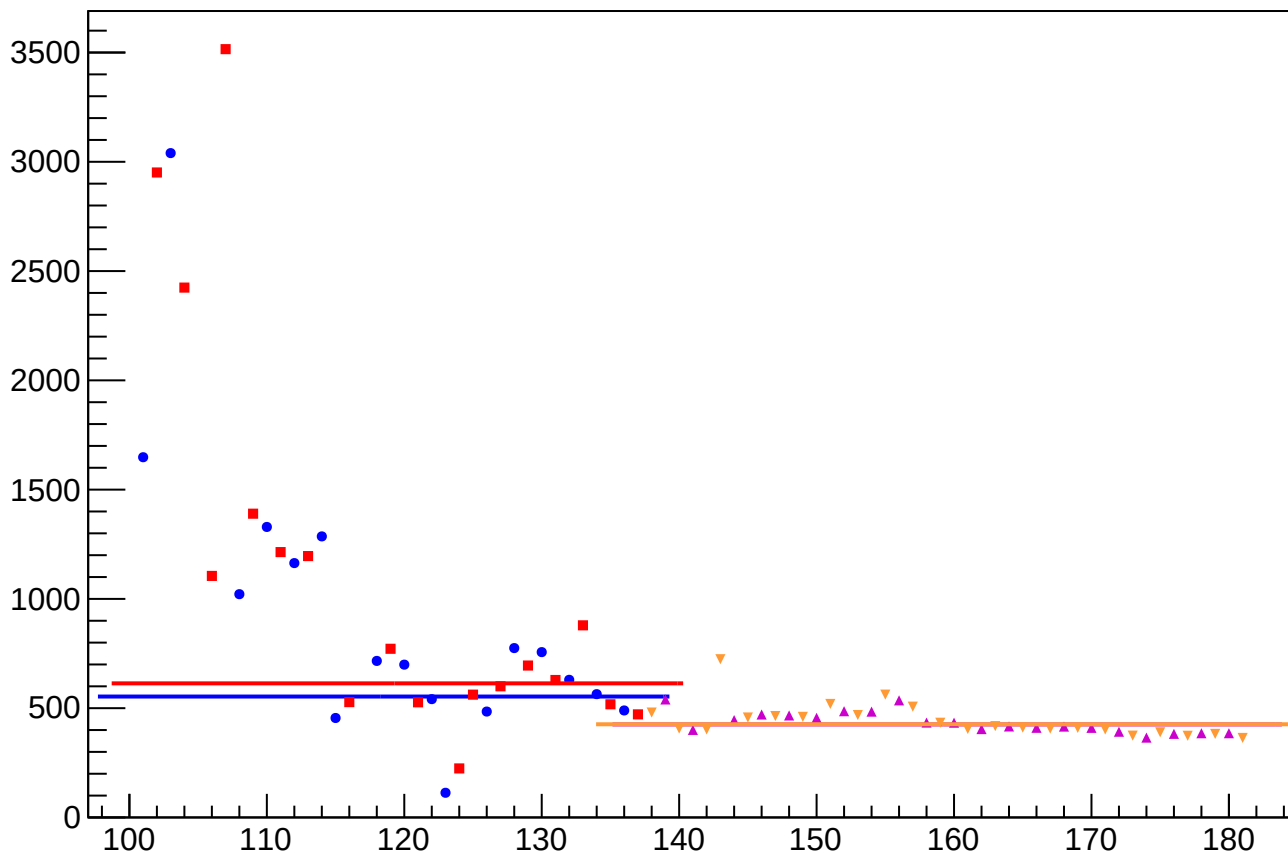
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: 329.025 $\pm$ 96.084 χ^2 /NDF:82.6/40

All: 175.350 $\pm$ 68.216 χ^2 /NDF: 138.8/78

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 426.345 ± 0.073 χ^2/NDF : 667240.9/22

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: 425.977 ± 0.052 χ^2/NDF : 1021018.0/43

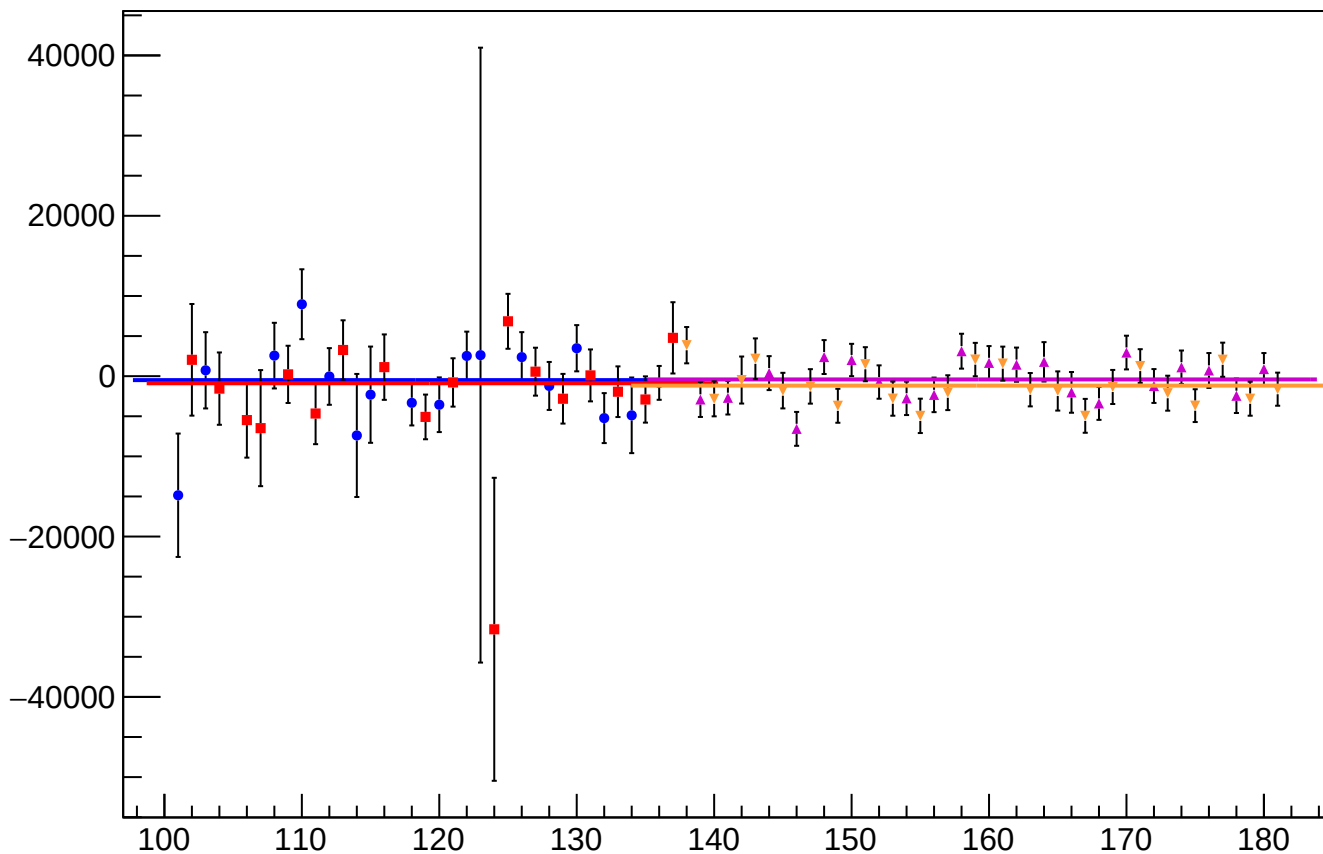
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 444.977 ± 0.068 χ^2/NDF : 4213978.9/37

Out: 450.308 ± 0.068 χ^2/NDF : 4991168.1/40

All: 447.664 ± 0.048 χ^2/NDF : 9208200.1/78

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1176.269+/-454.406 χ^2/NDF : 27.7/22

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: -801.326+/-325.277 χ^2/NDF : 58.0/43

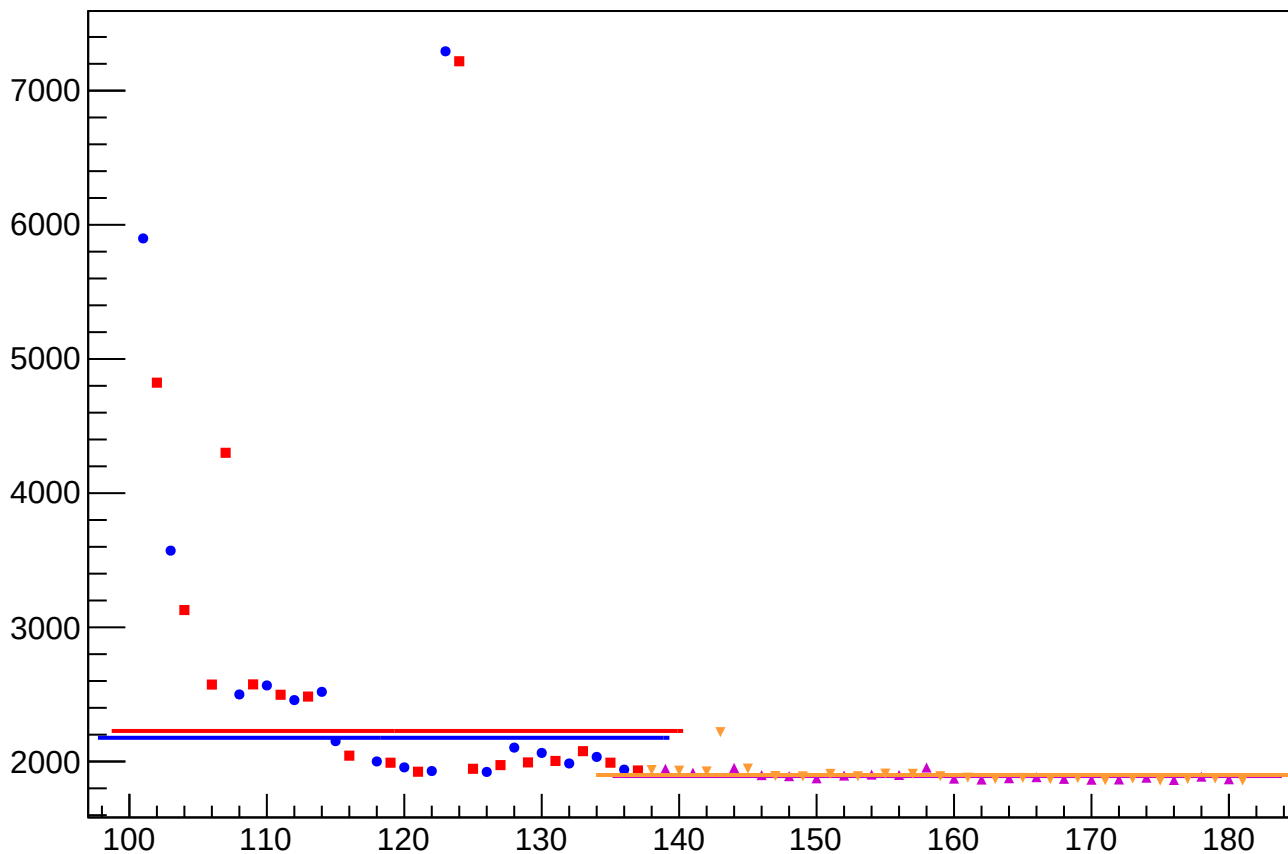
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

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

Out: -1113.669+/-402.691 χ^2/NDF : 45.0/40

All: -776.509+/-287.451 χ^2/NDF : 93.9/78

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1899.422+/-0.321 χ^2/NDF : 38628.0/22

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: 1895.594+/-0.230 χ^2/NDF : 46144.7/43

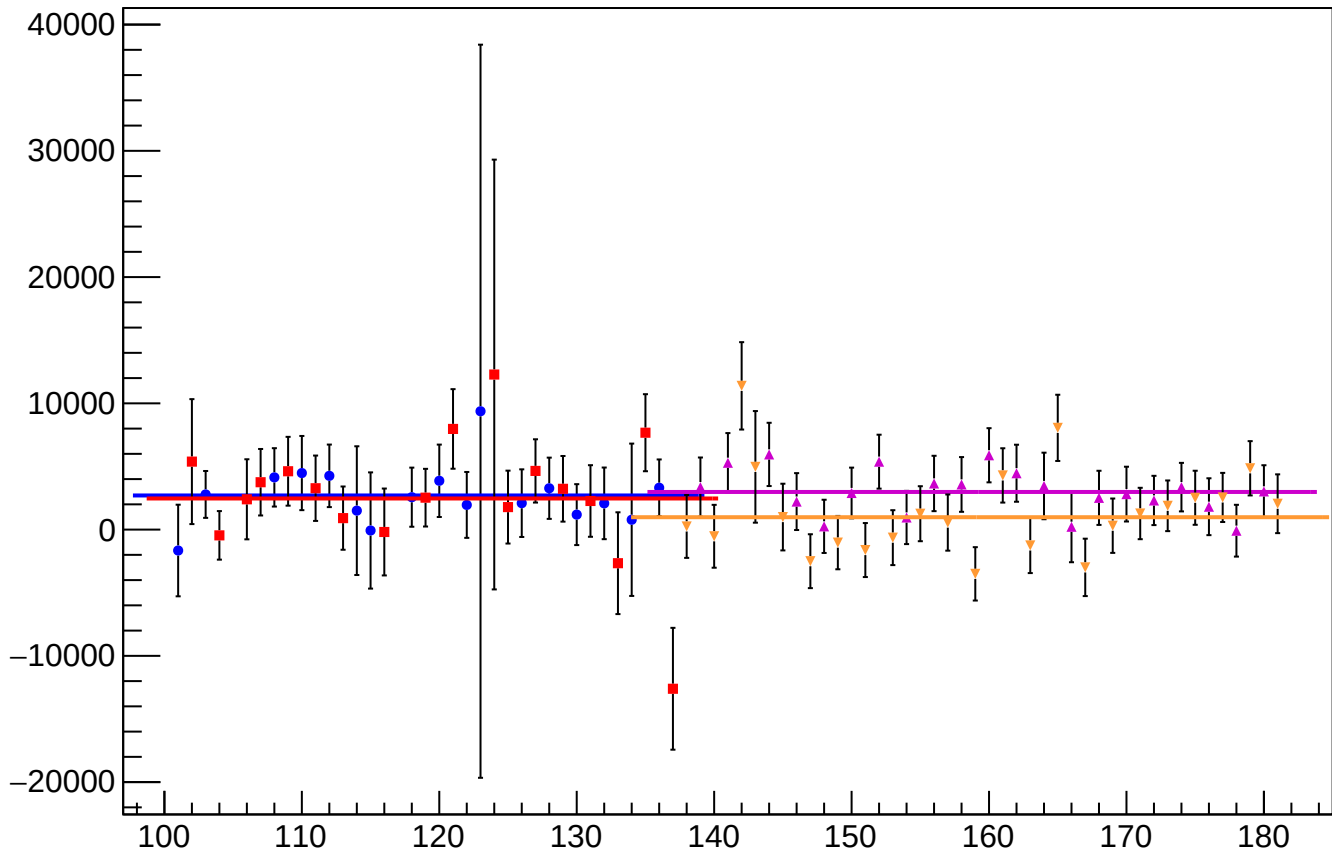
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

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

Out: 1969.890+/-0.285 χ^2/NDF : 1088350.6/40

All: 1962.754+/-0.203 χ^2/NDF : 2067145.9/78

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 981.161 $\pm$ 473.339 χ^2 /NDF:39.2/22

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: 1970.804 $\pm$ 336.416 χ^2 /NDF: 60.5/43

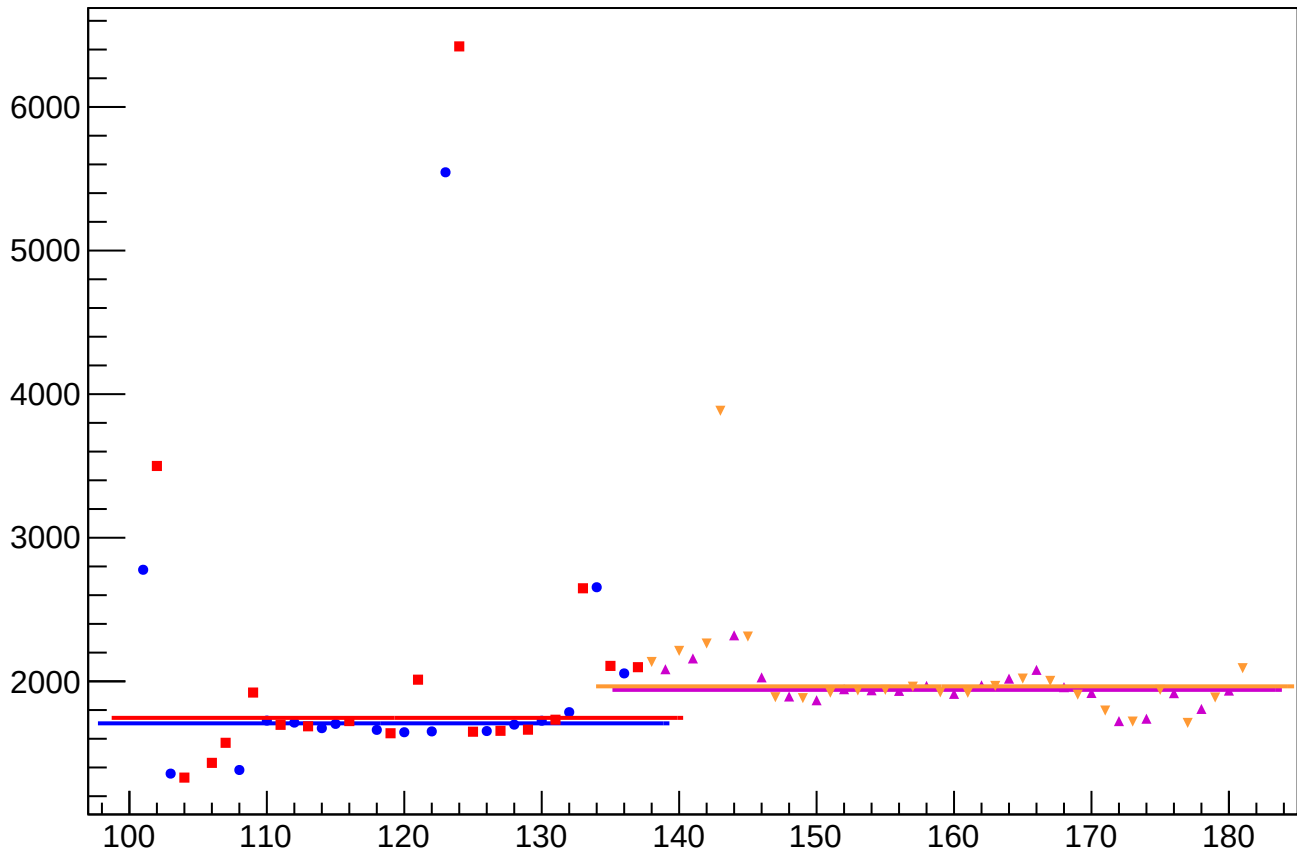
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

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

Out: 1462.204 $\pm$ 389.095 χ^2 /NDF:65.5/40

All: 2173.467 $\pm$ 275.453 χ^2 /NDF: 88.9/78

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1965.068 ± 0.335 $\chi^2/\text{NDF}: 553505.5/22$

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: 1952.937 ± 0.238 $\chi^2/\text{NDF}: 697008.1/43$

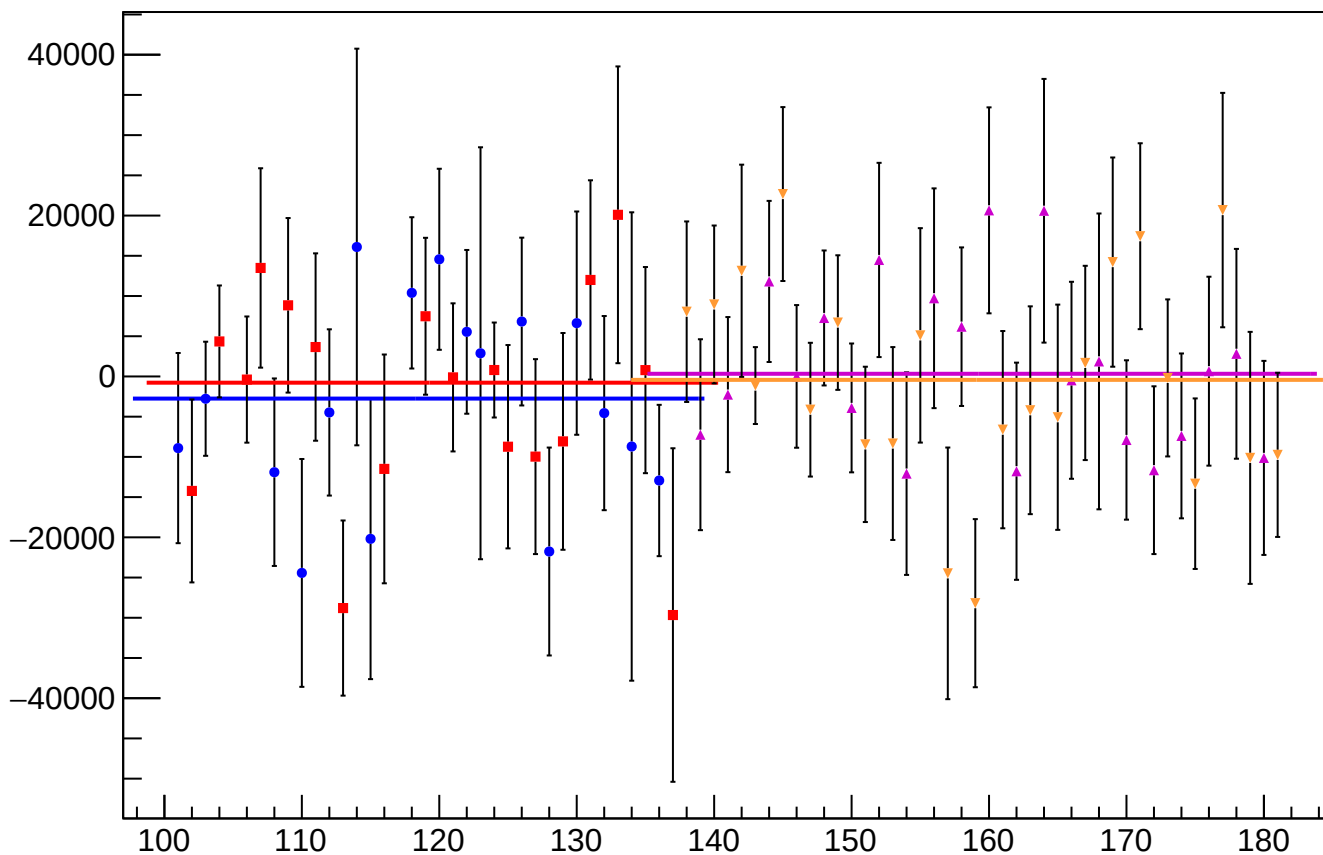
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

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

Out: 1893.857 ± 0.275 $\chi^2/\text{NDF}: 1392287.6/40$

All: 1878.196 ± 0.195 $\chi^2/\text{NDF}: 2121037.1/78$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.856 $\pm$ 2144.279 χ^2 /NDF:27.7/22

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: -88.867 $\pm$ 1600.261 χ^2 /NDF: 41.9/43

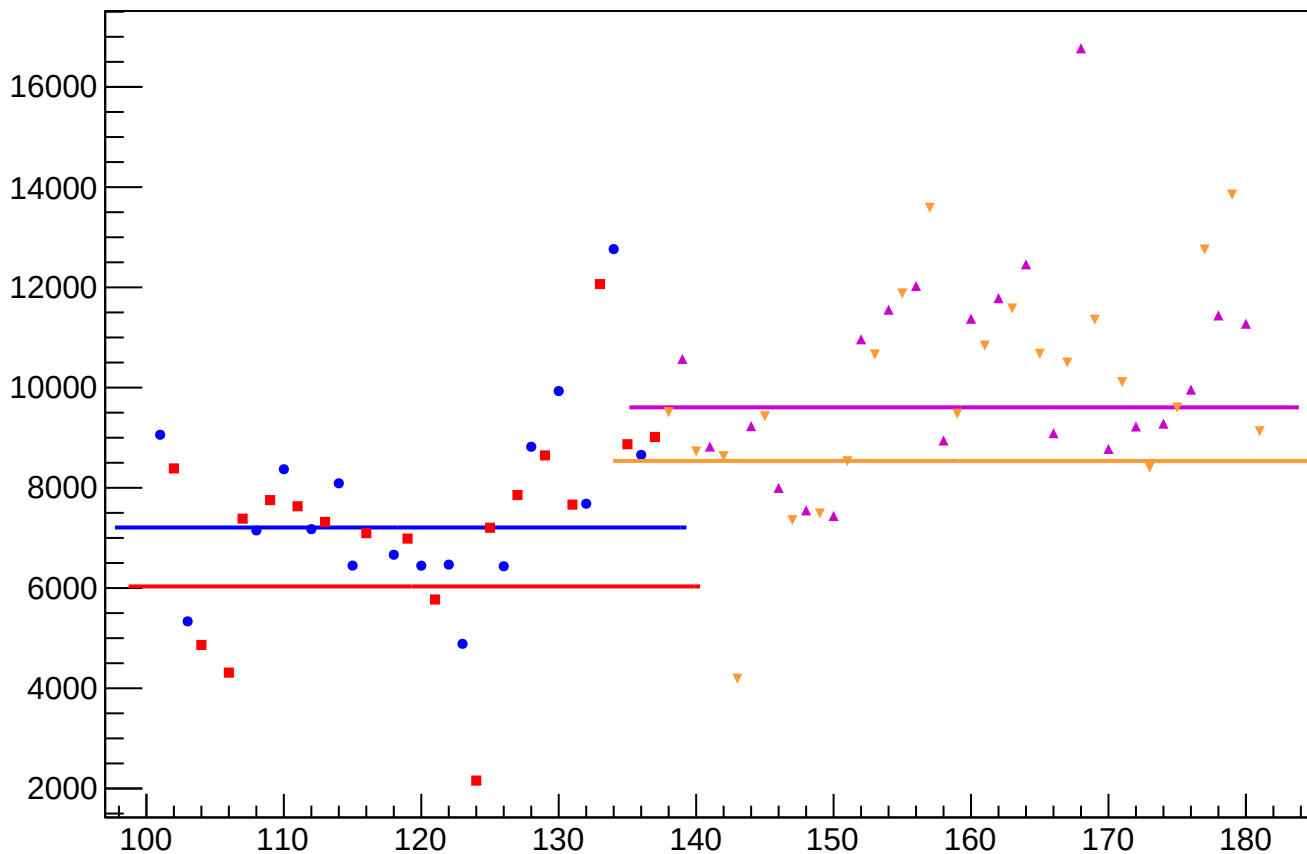
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

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

Out: -576.780 $\pm$ 1610.922 χ^2 /NDF:45.5/40

All: -740.691 $\pm$ 1210.784 χ^2 /NDF: 74.9/78

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8536.478+/-1.516 χ^2/NDF : 3004248.6/22

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: 9010.193+/-1.132 χ^2/NDF : 4287540.3/43

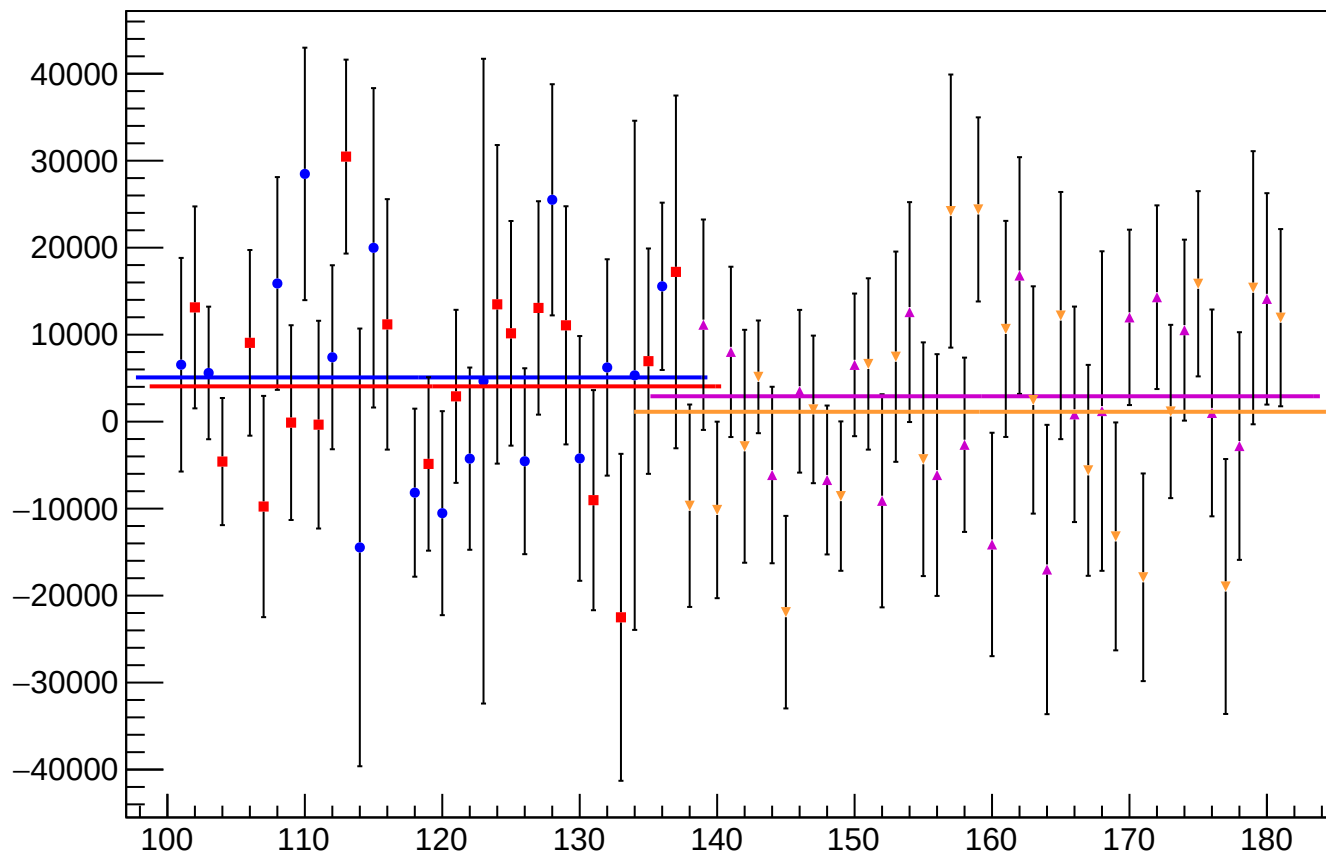
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

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

Out: 7445.609+/-1.139 χ^2/NDF : 5990105.6/40

All: 7950.421+/-0.856 χ^2/NDF : 8827614.8/78

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1133.136 $\pm$ 2282.371 χ^2 /NDF:26.9/22

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: 1963.862 $\pm$ 1668.402 χ^2 /NDF: 40.3/43

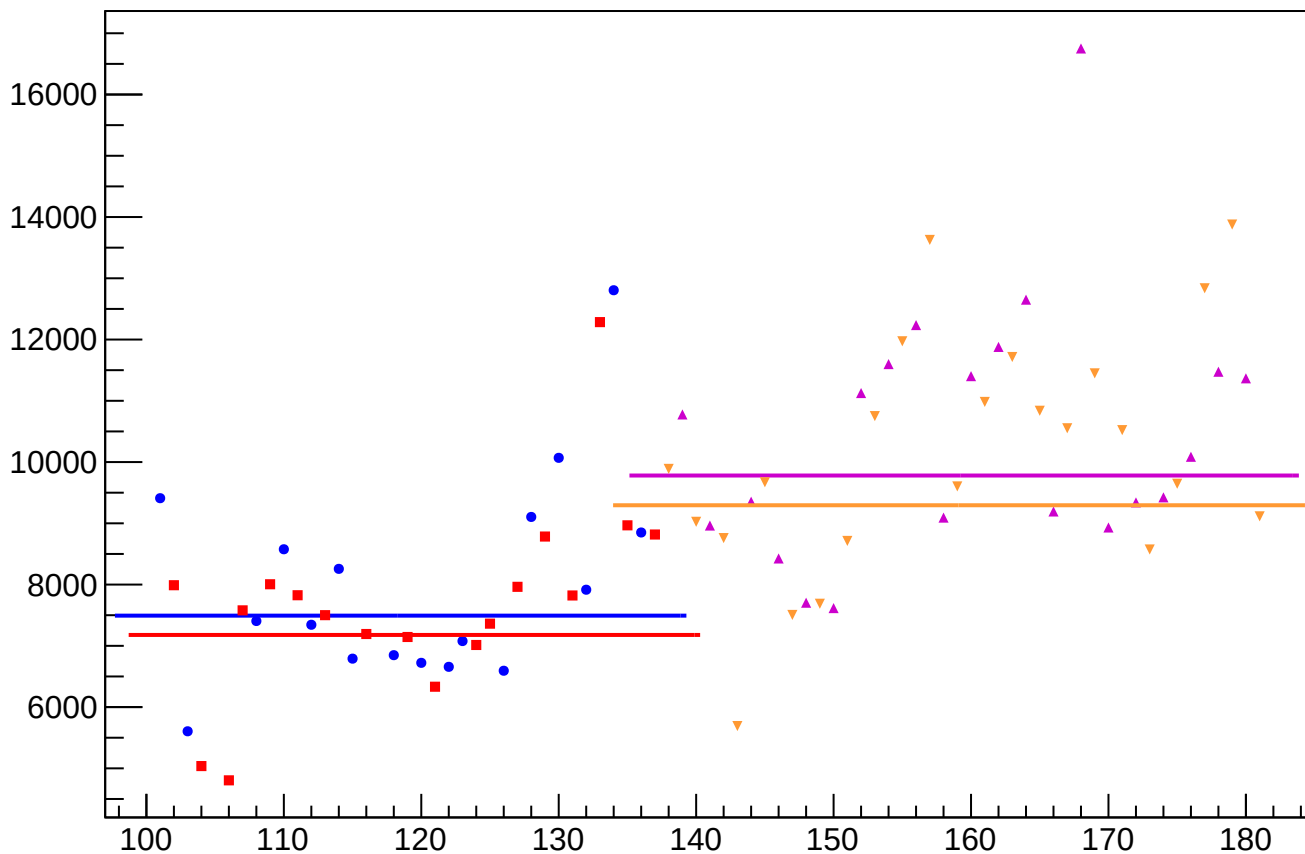
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

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

Out: 2299.735 $\pm$ 1769.118 χ^2 /NDF:42.8/40

All: 3001.820 $\pm$ 1289.601 χ^2 /NDF: 70.5/78

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9294.924+/-1.614 χ^2/NDF : 1585823.3/22

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: 9520.957+/-1.180 χ^2/NDF : 2615921.1/43

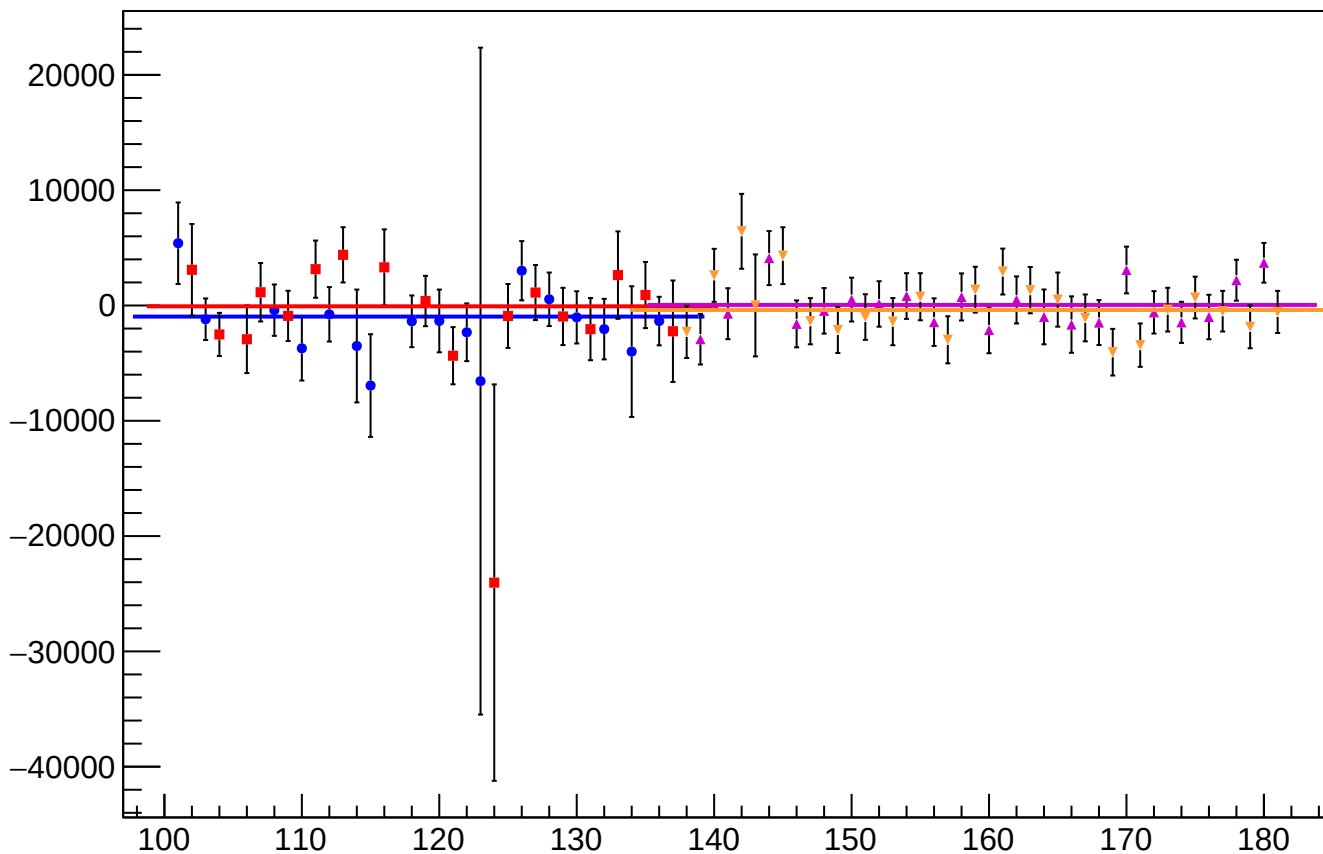
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

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

Out: 8449.674+/-1.251 χ^2/NDF : 2828773.3/40

All: 8637.661+/-0.912 χ^2/NDF : 5013377.7/78

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -389.280 $\pm$ 431.630 χ^2 /NDF:25.2/22

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: -173.401 $\pm$ 307.230 χ^2 /NDF: 44.1/43

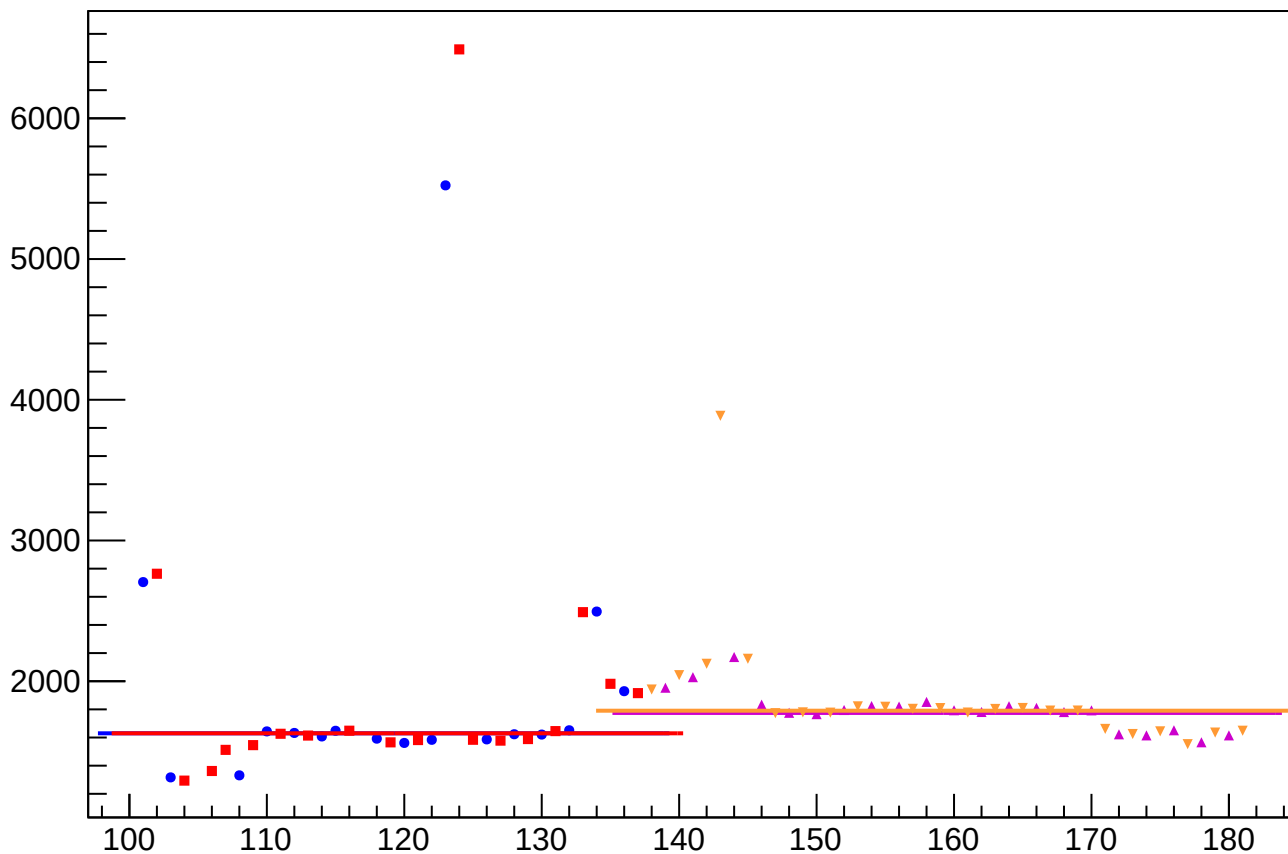
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

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

Out: -288.674 $\pm$ 356.868 χ^2 /NDF:42.1/40

All: -280.188 $\pm$ 254.022 χ^2 /NDF: 72.2/78

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 ± 0.455 $\chi^2/\text{NDF}: 408151.7/16$

Left Out: 1790.569 ± 0.305 $\chi^2/\text{NDF}: 649920.3/22$

Right Out: 1629.941 ± 0.449 $\chi^2/\text{NDF}: 557457.4/17$

Left In: 1774.745 ± 0.309 $\chi^2/\text{NDF}: 188585.4/20$

Left: 1782.762 ± 0.217 $\chi^2/\text{NDF}: 839831.9/43$

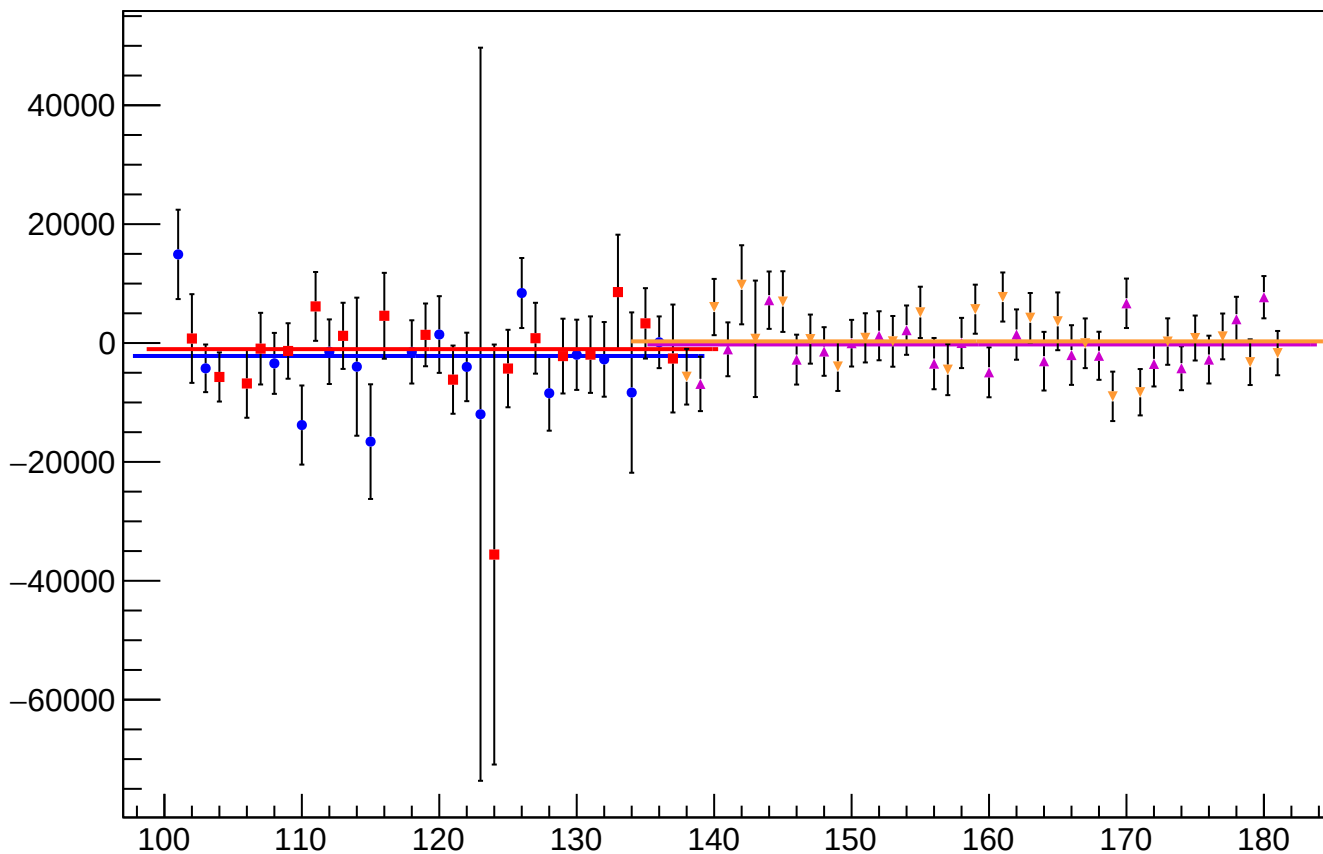
Right: 1629.948 ± 0.319 $\chi^2/\text{NDF}: 965609.1/34$

In: 1728.942 ± 0.256 $\chi^2/\text{NDF}: 666063.7/37$

Out: 1739.744 ± 0.252 $\chi^2/\text{NDF}: 1295017.7/40$

All: 1734.415 ± 0.180 $\chi^2/\text{NDF}: 1961985.4/78$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 279.435+/-897.447 χ^2/NDF : 27.8/22

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: 23.441+/-638.167 χ^2/NDF : 47.4/43

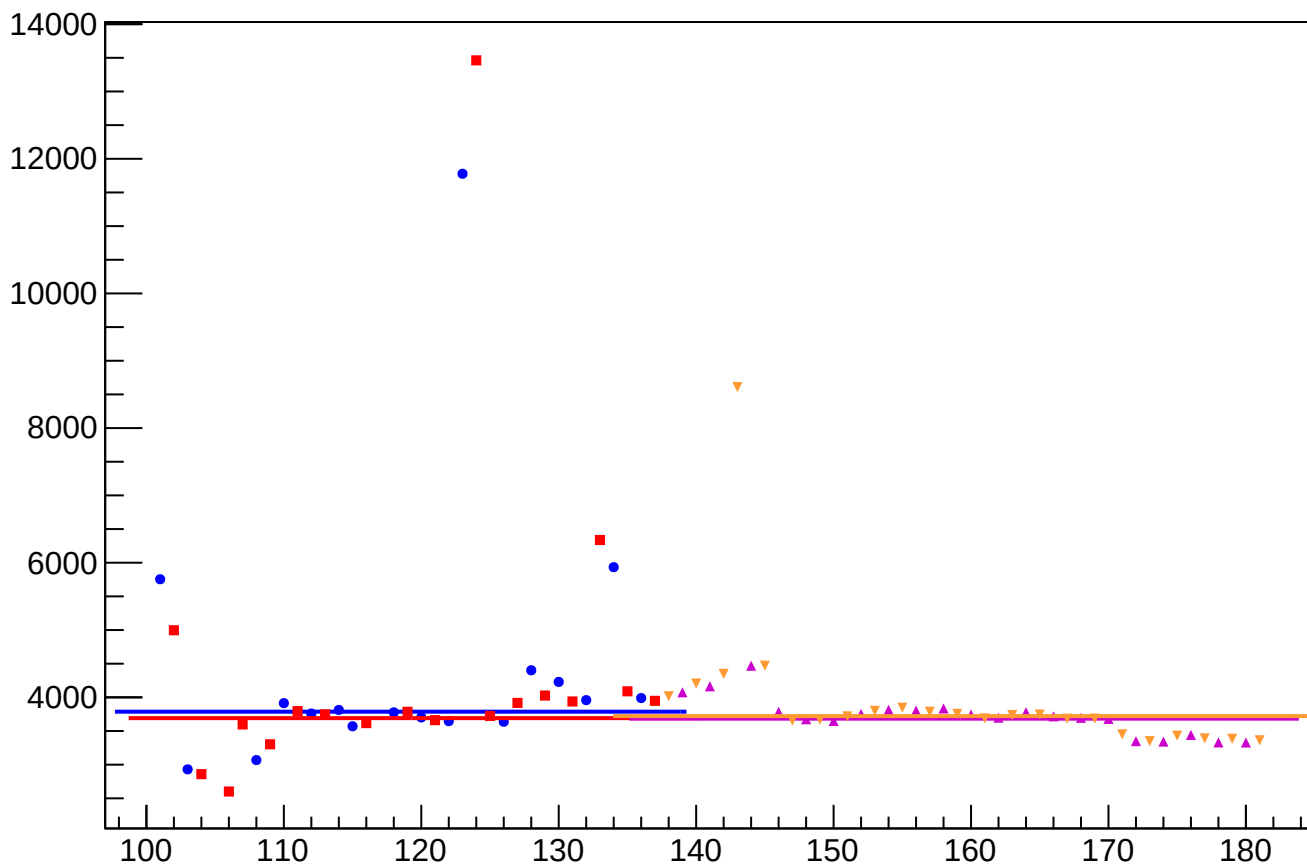
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

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

Out: -85.190+/-761.984 χ^2/NDF : 37.0/40

All: -417.677+/-543.546 χ^2/NDF : 74.0/78

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3721.607+/-0.635 χ^2/NDF : 680077.7/22

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: 3702.791+/-0.451 χ^2/NDF : 858575.2/43

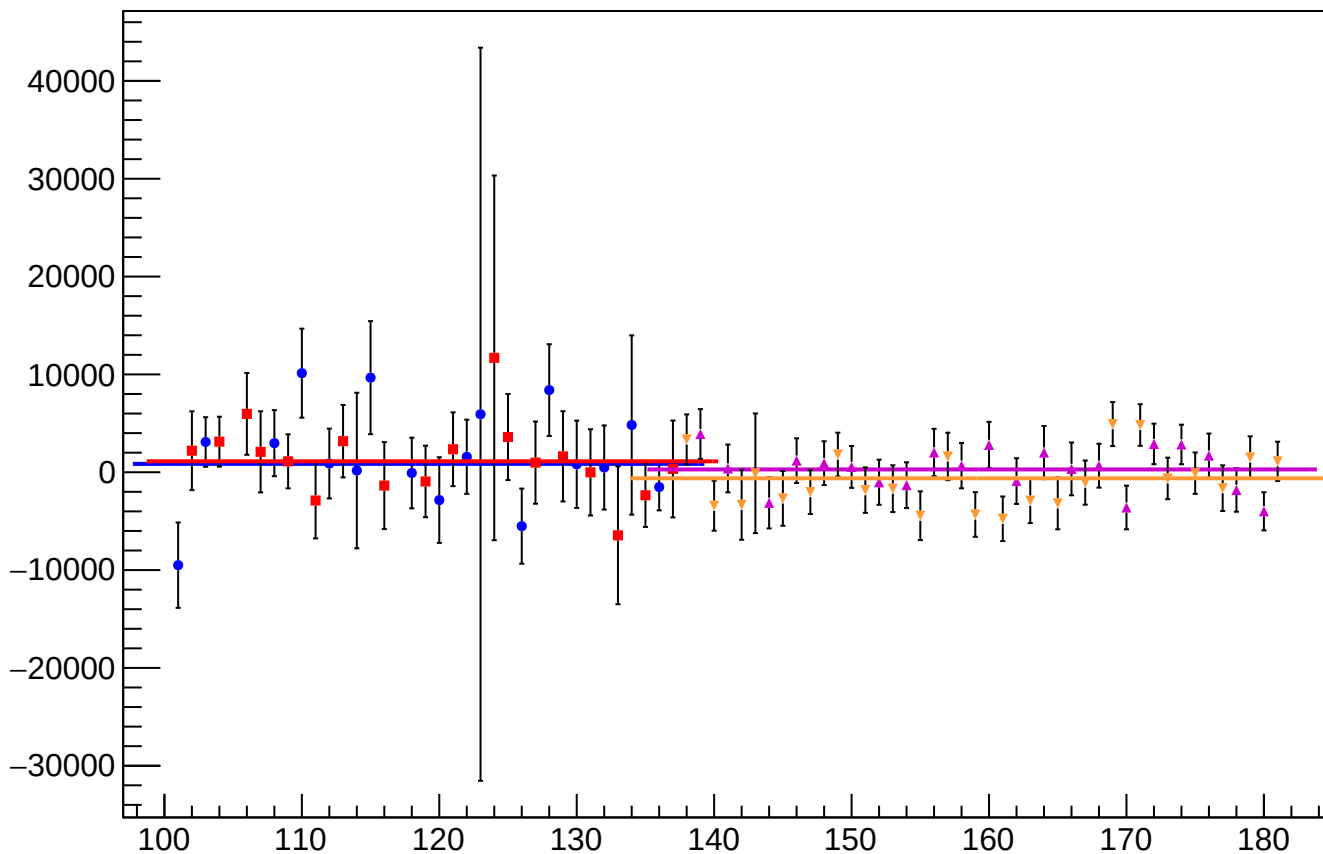
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3713.133+/-0.539 χ^2/NDF : 1235873.7/40

All: 3712.352+/-0.384 χ^2/NDF : 1812300.3/78

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -618.249 ± 496.618 χ^2/NDF : 32.5/22

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: -169.808 ± 352.659 χ^2/NDF : 53.6/43

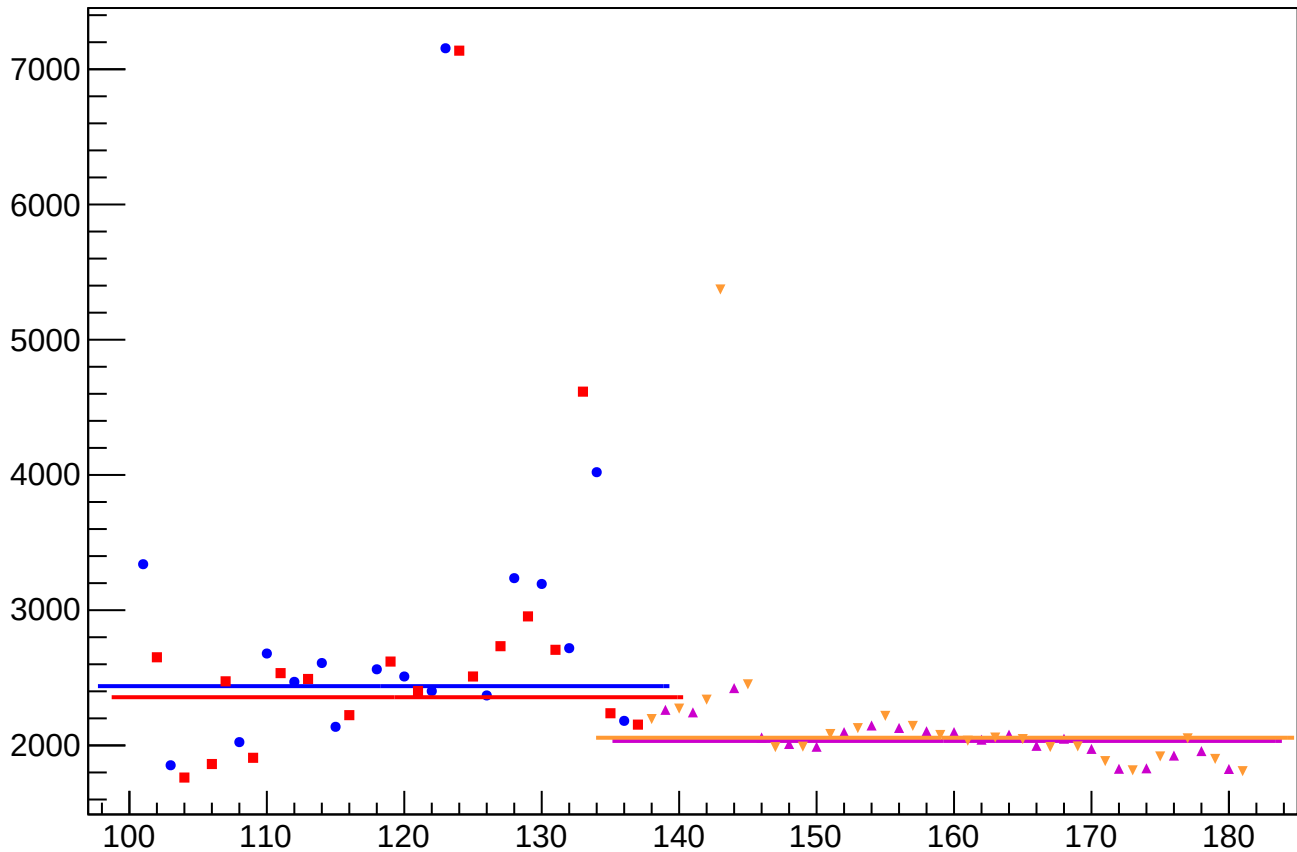
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

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

Out: -231.291 ± 437.777 χ^2/NDF : 42.4/40

All: 83.136 ± 311.918 χ^2/NDF : 83.9/78

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2056.751+/-0.351 χ^2/NDF : 769129.6/22

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: 2045.062+/-0.249 χ^2/NDF : 933332.0/43

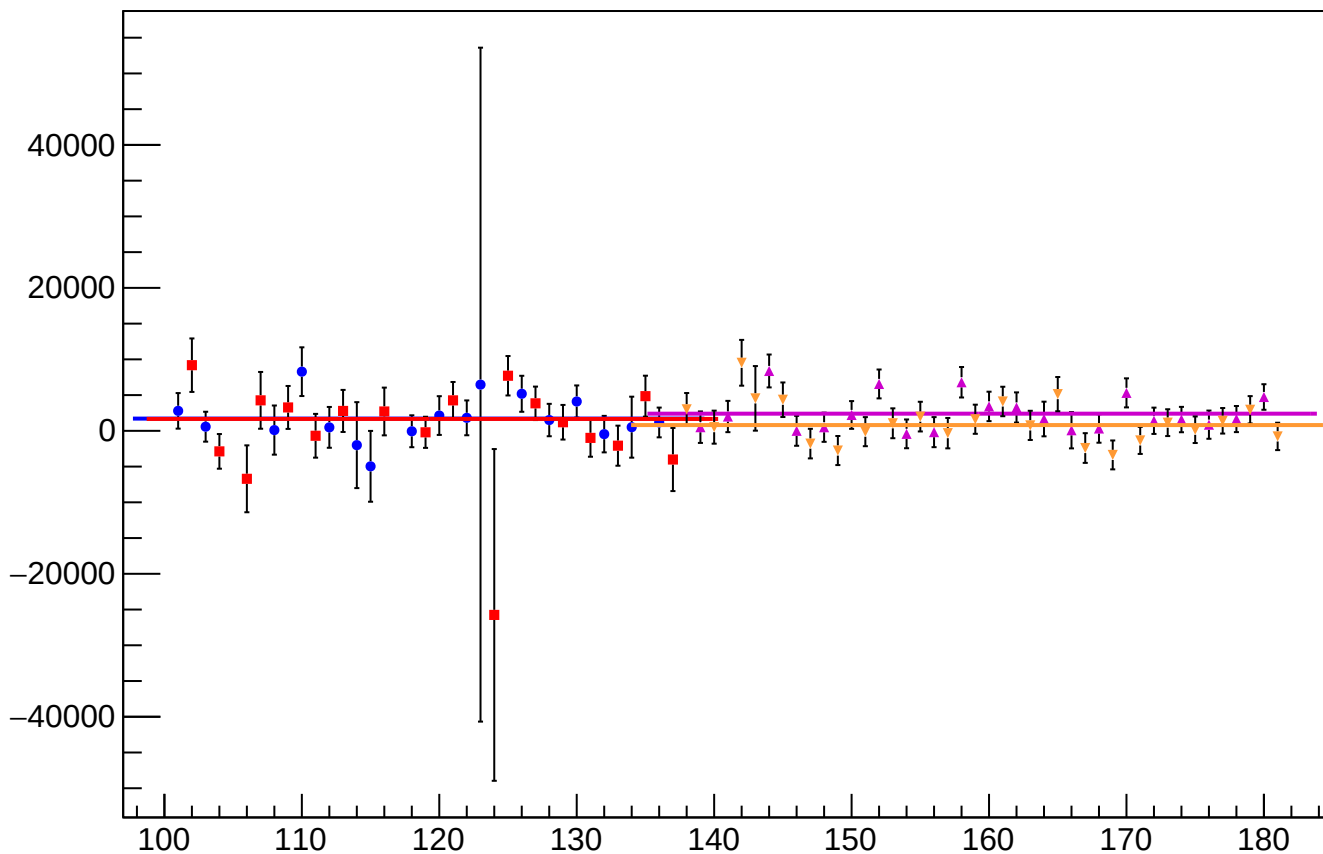
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

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

Out: 2123.553+/-0.310 χ^2/NDF : 1560589.3/40

All: 2121.401+/-0.221 χ^2/NDF : 2477152.0/78

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 807.062+/-439.533 χ^2/NDF : 32.8/22

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

Left In: 2401.245+/-445.494 χ^2/NDF : 29.1/20

Left: 1593.418+/-312.883 χ^2/NDF : 68.4/43

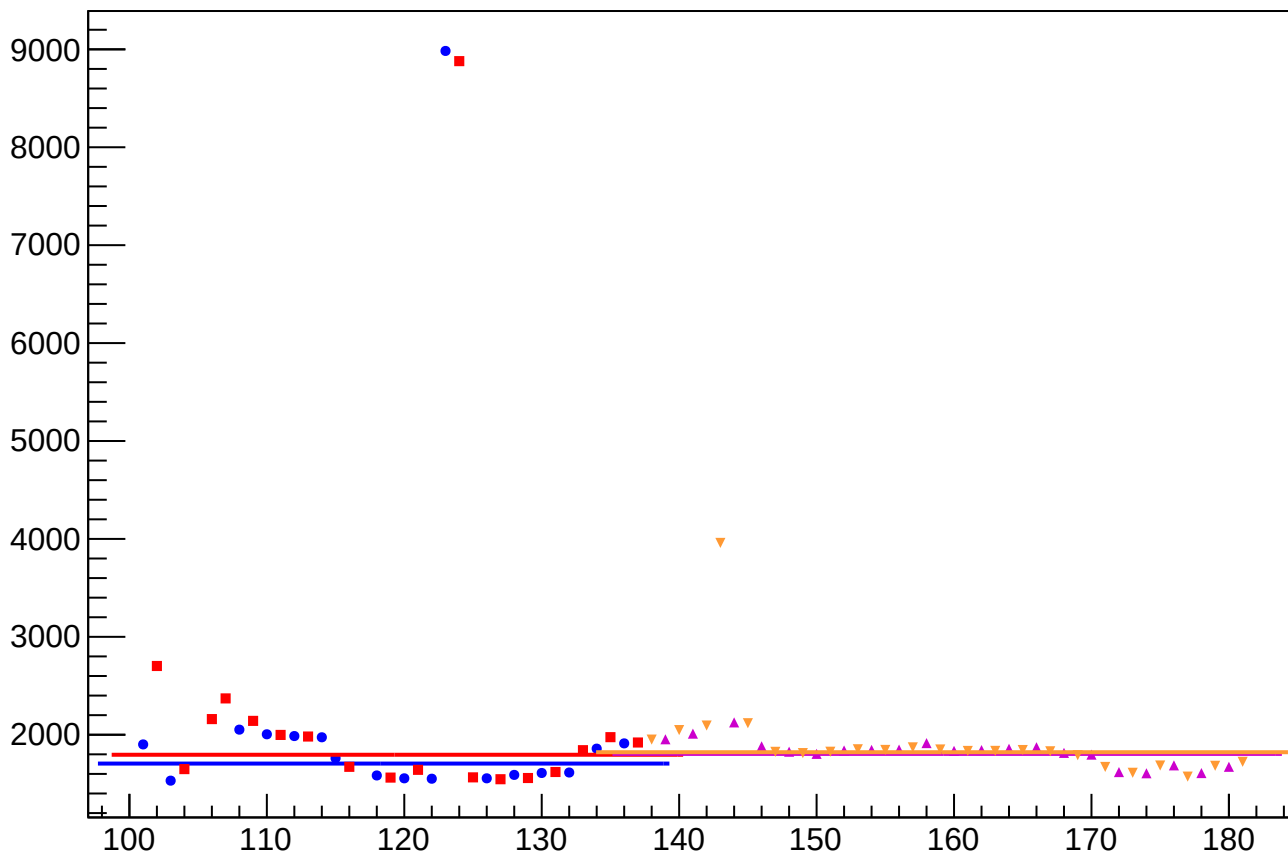
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2188.864+/-370.487 χ^2/NDF : 41.2/37

Out: 1051.921+/-371.586 χ^2/NDF : 60.7/40

All: 1622.077+/-262.362 χ^2/NDF : 106.7/78

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1821.615+/-0.311 χ^2/NDF : 623851.6/22

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

Left In: 1804.421+/-0.315 χ^2/NDF : 166589.7/20

Left: 1813.133+/-0.221 χ^2/NDF : 791951.0/43

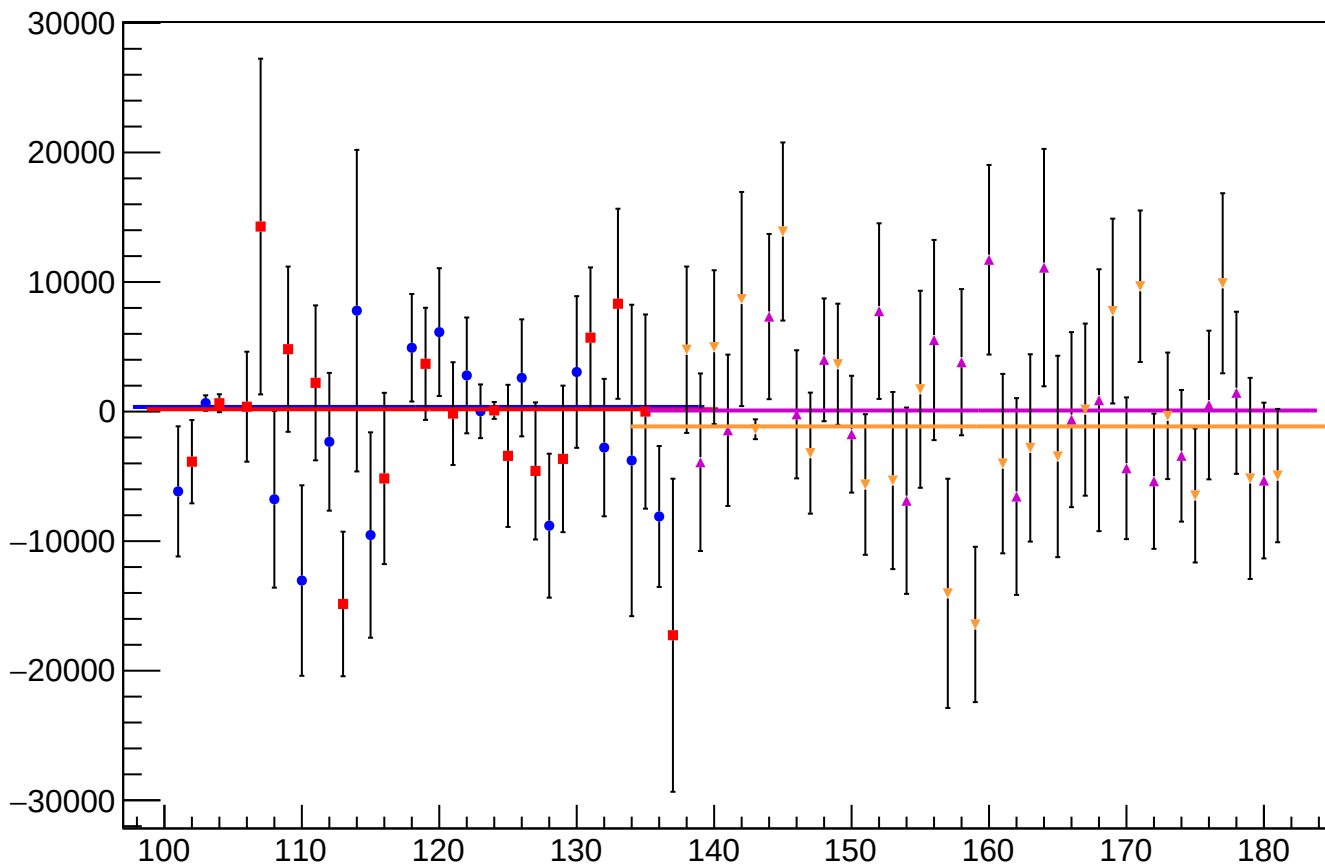
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1773.953+/-0.262 χ^2/NDF : 391098.0/37

Out: 1814.163+/-0.263 χ^2/NDF : 1144665.6/40

All: 1794.011+/-0.185 χ^2/NDF : 1547515.3/78

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1146.600 $\pm$ 662.342 χ^2/NDF :29.0/22

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: -899.959 $\pm$ 592.278 χ^2/NDF : 43.3/43

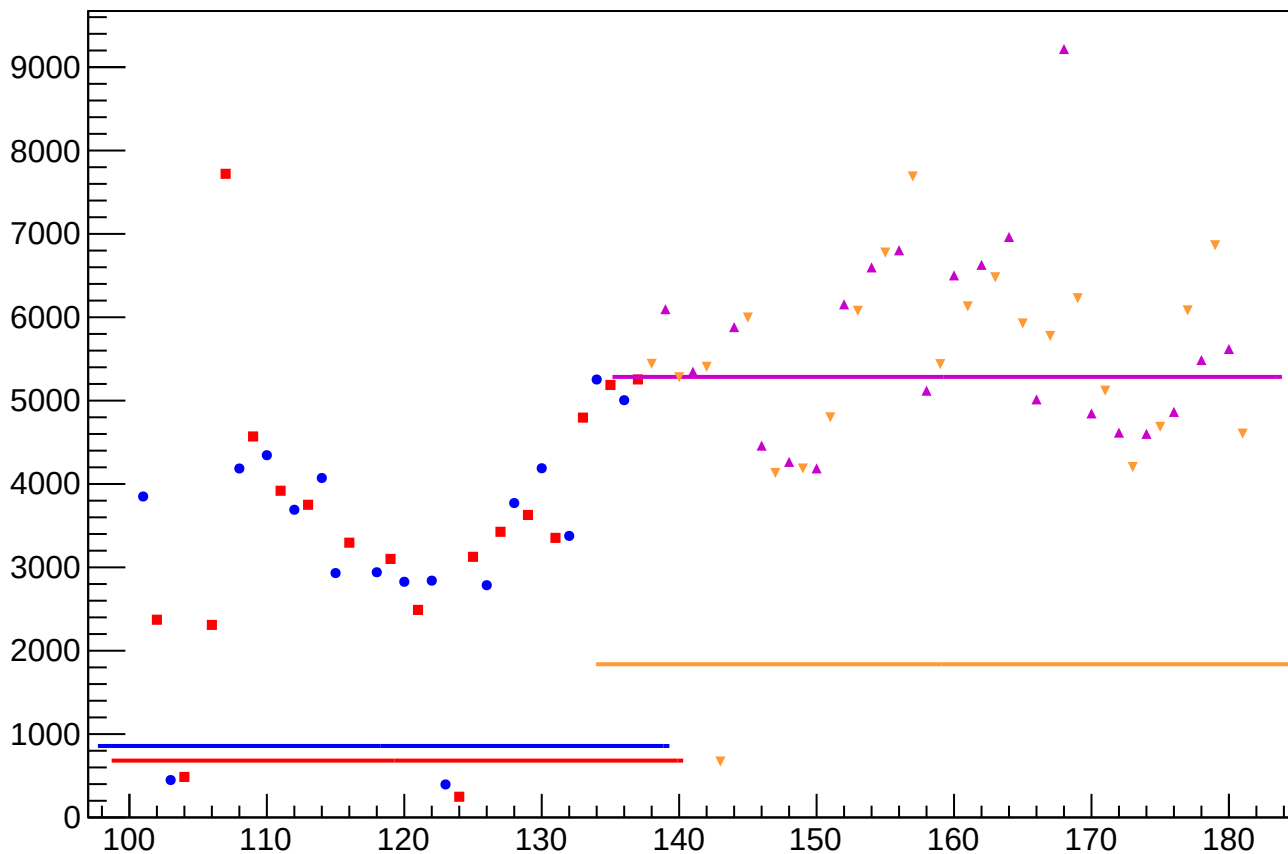
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

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

Out: -235.690 $\pm$ 370.513 χ^2/NDF :50.3/40

All: -36.310 $\pm$ 296.528 χ^2/NDF : 82.2/78

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1838.034 $\pm$ 0.468 χ^2 /NDF:19310142.3/22

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: 2528.675 $\pm$ 0.419 χ^2 /NDF: 31246017.1/43

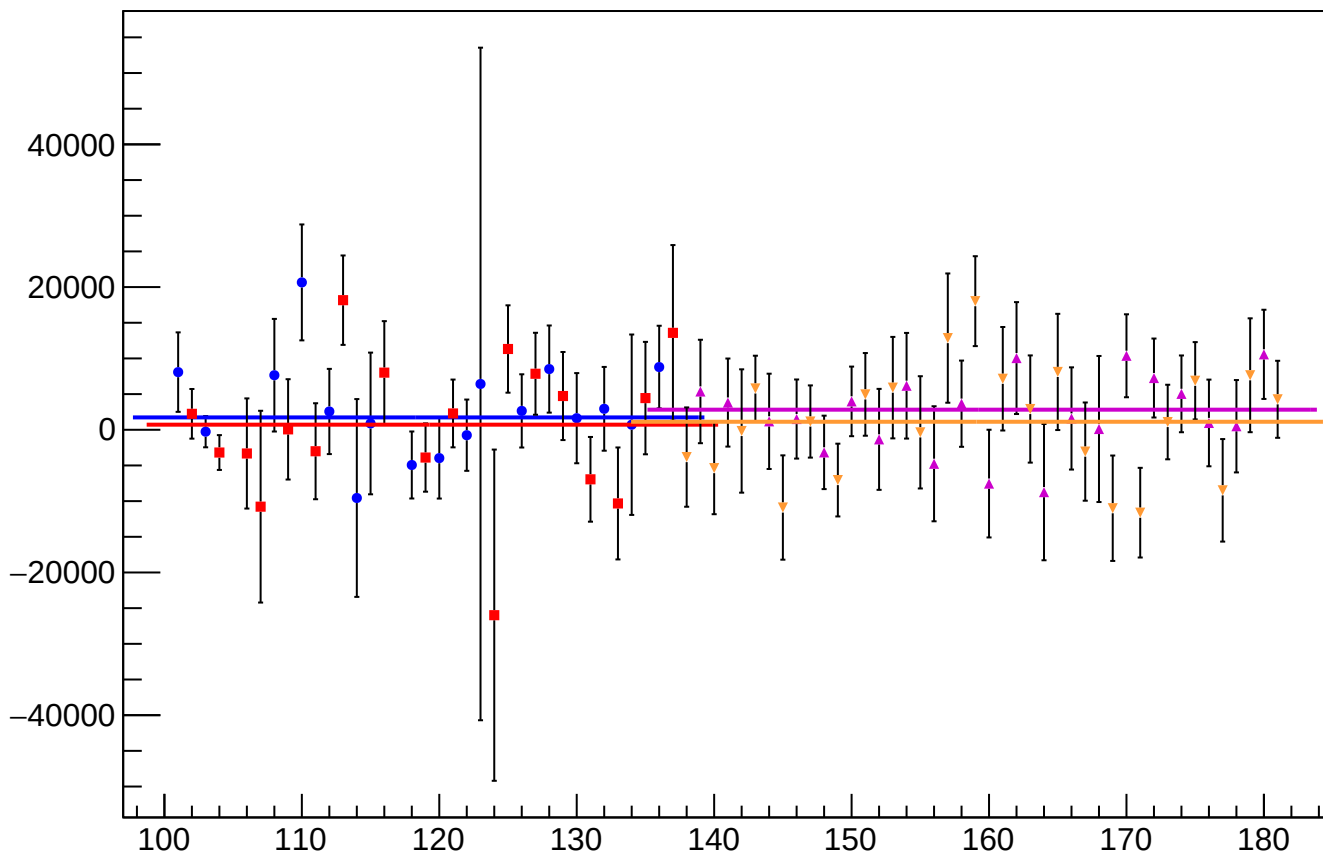
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

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

Out: 1043.833 $\pm$ 0.262 χ^2 /NDF:32873983.1/40

All: 1199.201 $\pm$ 0.210 χ^2 /NDF: 62374909.9/71

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1124.193+/-1334.425 χ^2/NDF : 30.2/22

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: 1928.241+/-966.820 χ^2/NDF : 42.7/43

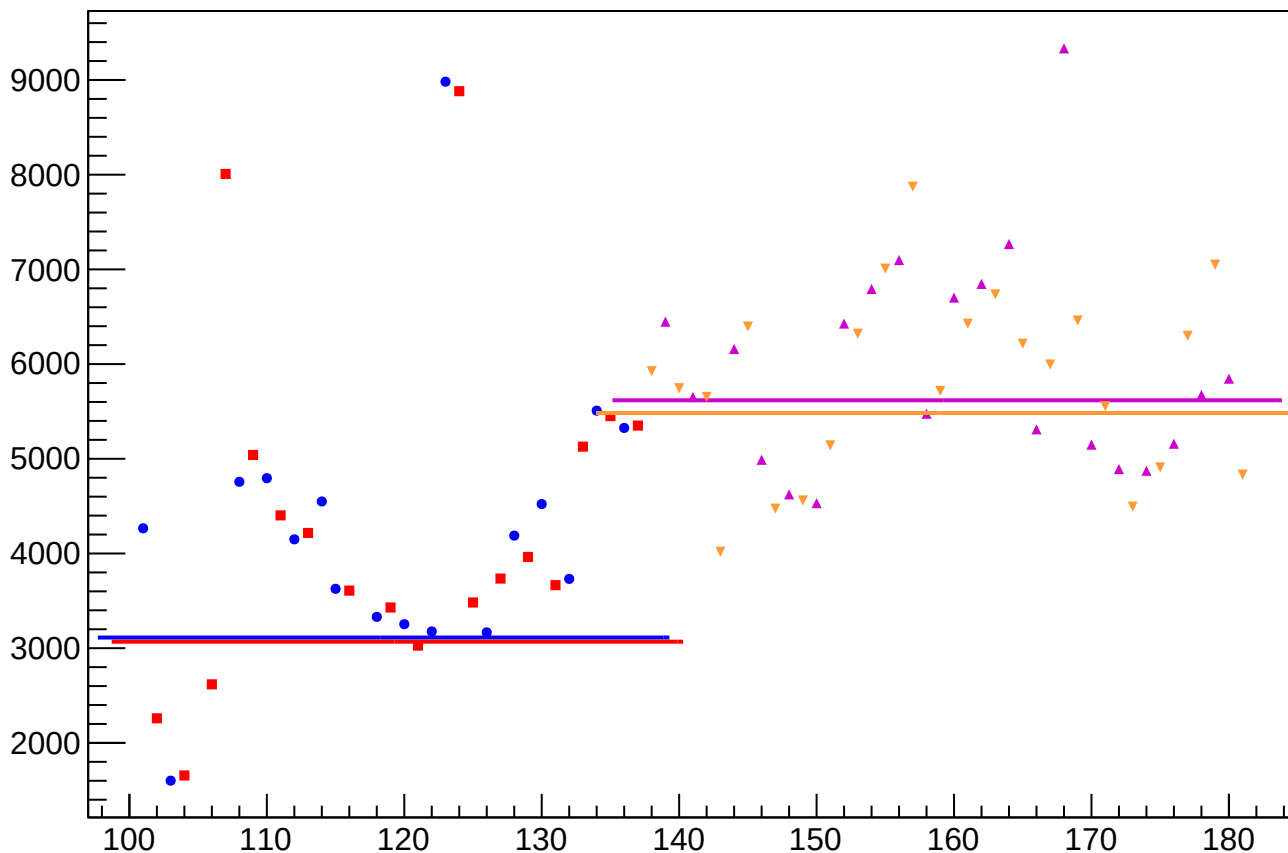
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 913.042+/-927.735 χ^2/NDF : 55.4/40

All: 1555.050+/-665.538 χ^2/NDF : 83.3/78

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5483.516+/-0.944 χ^2/NDF : 1022350.7/22

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

Left In: 5617.519+/-0.992 χ^2/NDF : 901380.5/20

Left: 5547.177+/-0.684 χ^2/NDF : 1933312.5/43

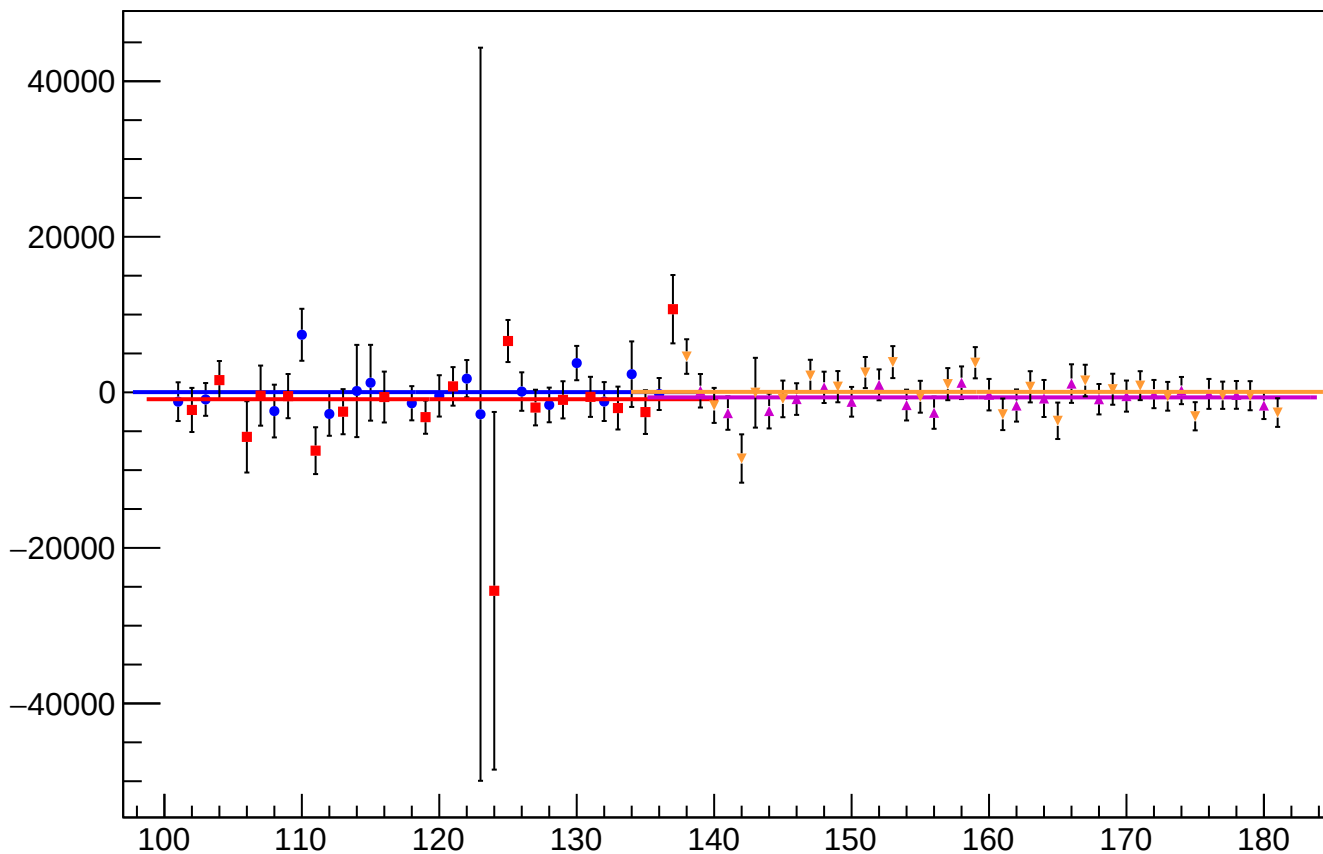
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 4274.450+/-0.675 χ^2/NDF : 6205467.9/37

Out: 4218.161+/-0.651 χ^2/NDF : 6456003.1/40

All: 4245.268+/-0.469 χ^2/NDF : 12665071.1/71

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 59.586+/-430.715 χ^2/NDF : 33.2/22

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

Left In: -647.135+/-436.972 χ^2/NDF : 6.4/20

Left: -288.679+/-306.750 χ^2/NDF : 40.9/43

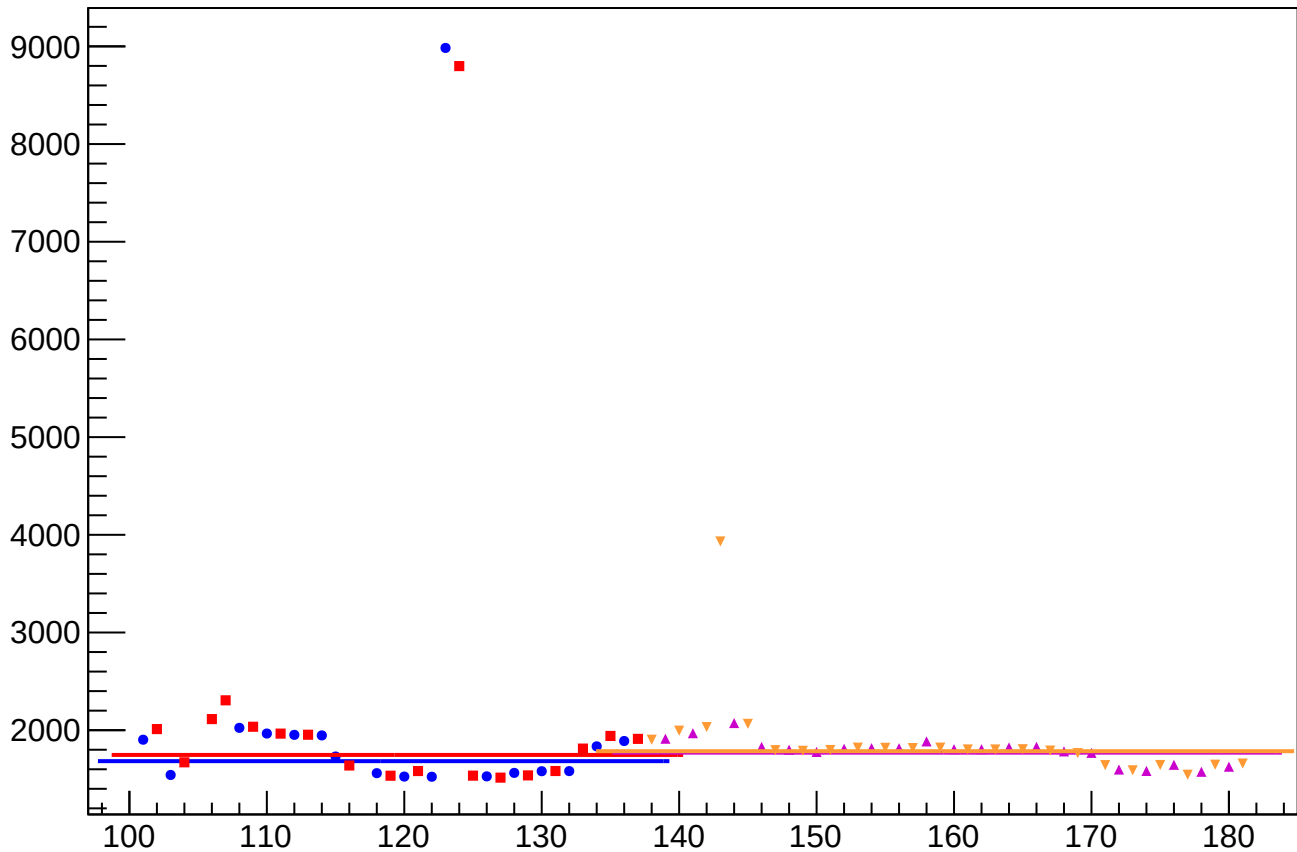
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -440.351+/-364.083 χ^2/NDF : 18.9/37

Out: -213.279+/-363.034 χ^2/NDF : 60.2/40

All: -326.488+/-257.074 χ^2/NDF : 79.3/78

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1785.075+/-0.305 χ^2/NDF : 629326.7/22

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: 1777.694+/-0.217 χ^2/NDF : 794580.4/43

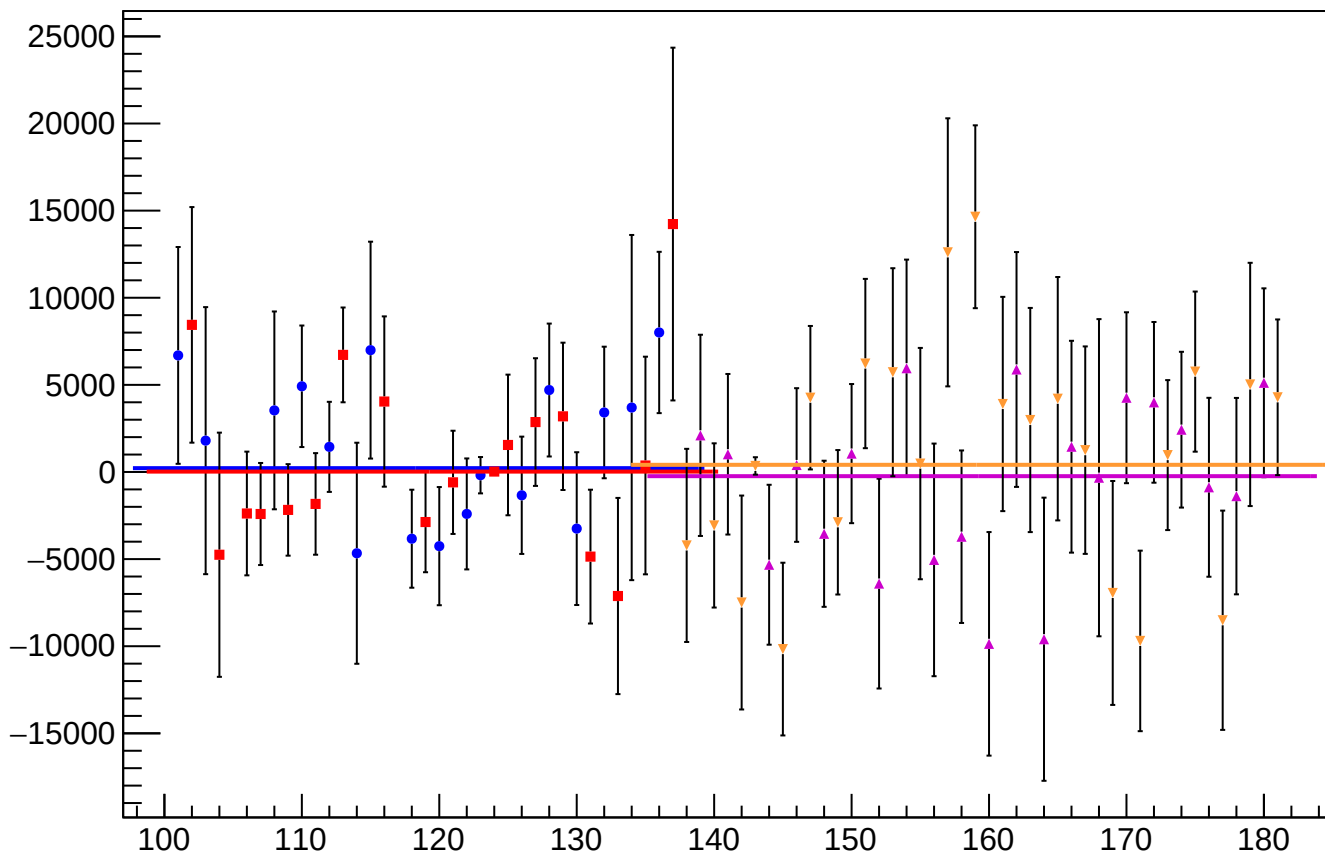
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1773.957+/-0.257 χ^2/NDF : 1040638.2/40

All: 1758.783+/-0.182 χ^2/NDF : 1431806.3/78

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 411.444 $\pm$ 457.493 χ^2 /NDF:31.6/22

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: 322.523 $\pm$ 425.142 χ^2 /NDF: 44.7/43

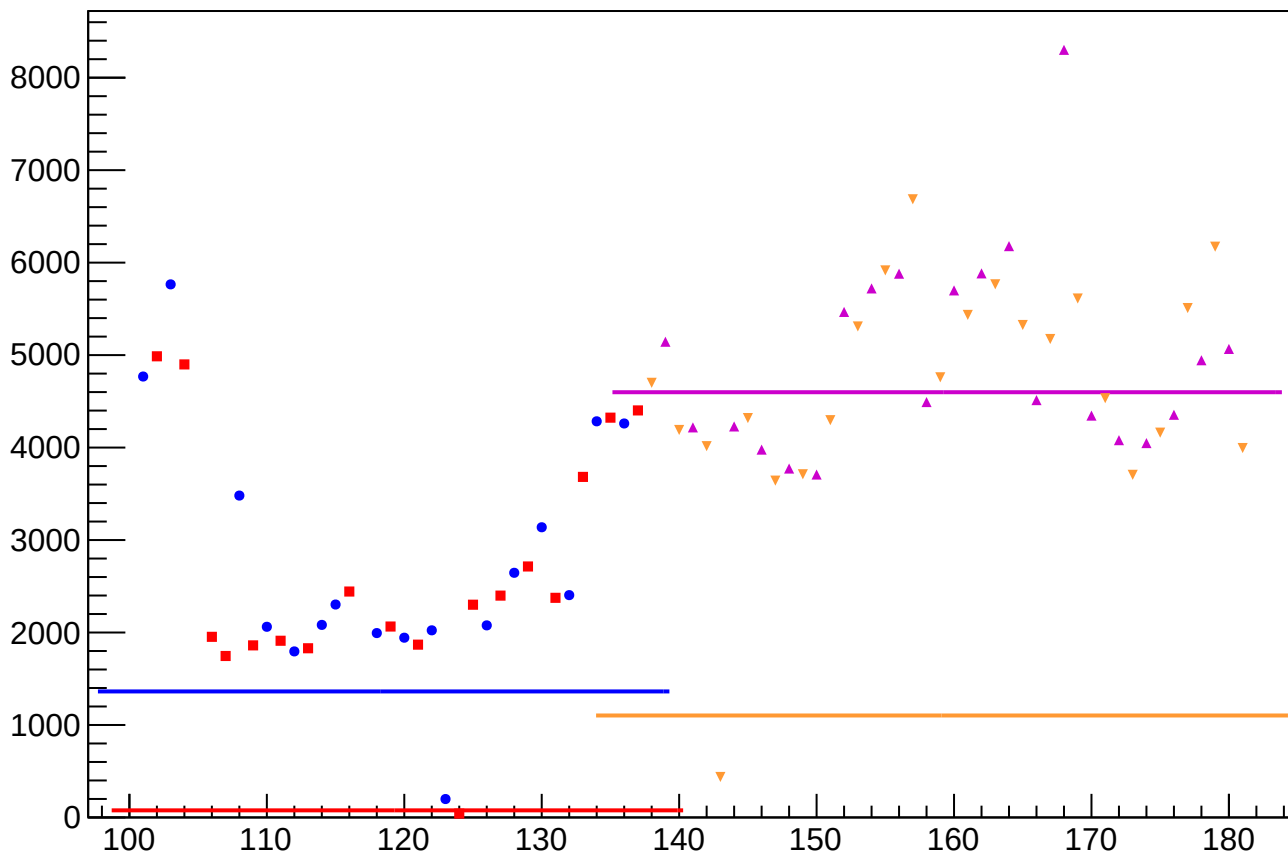
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

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

Out: 44.767 $\pm$ 110.741 χ^2 /NDF:50.8/40

All: 46.211 $\pm$ 108.966 χ^2 /NDF: 79.6/78

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1102.741 $\pm$ 0.323 χ^2 /NDF: 23088837.2/22

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: 1579.678 $\pm$ 0.301 χ^2 /NDF: 40089488.6/43

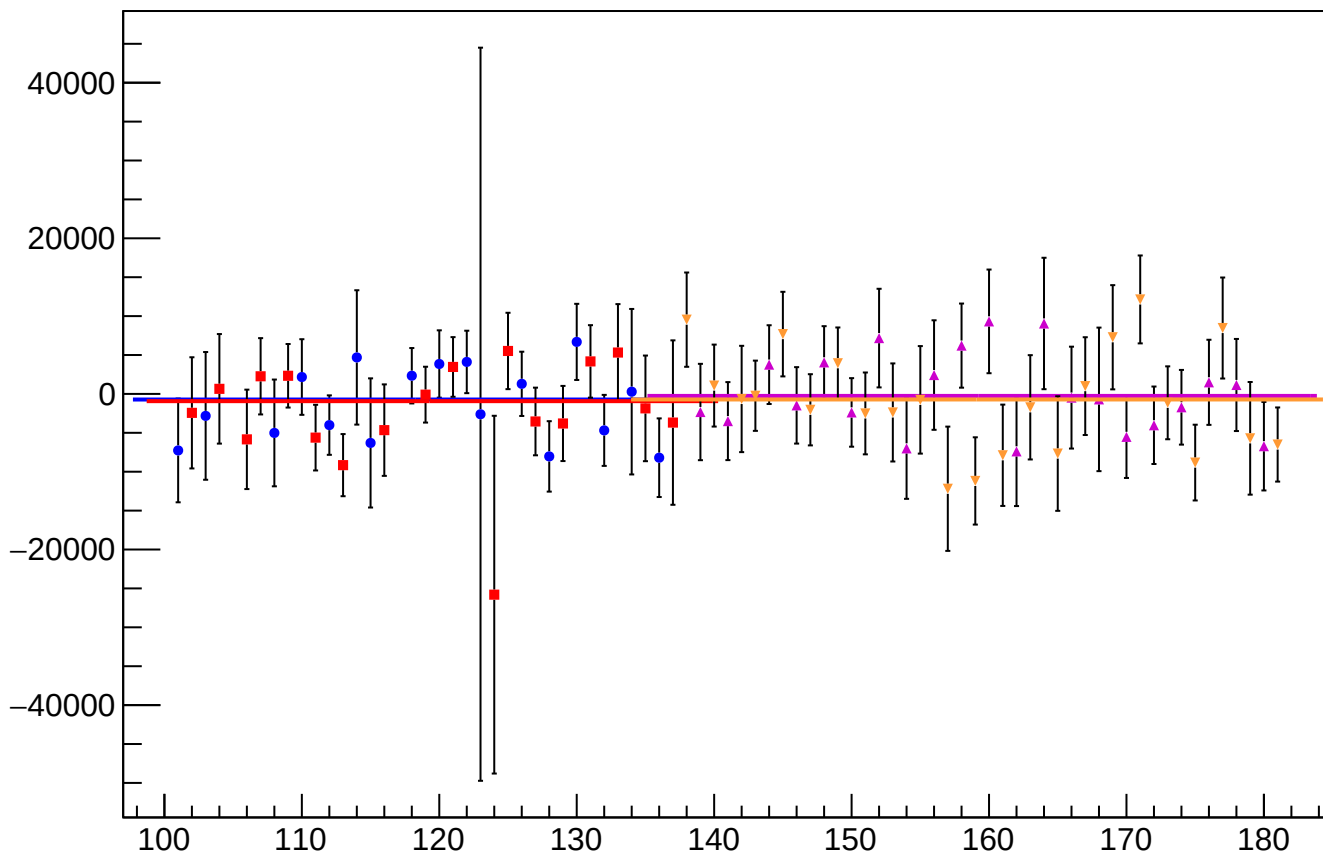
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 136.943 $\pm$ 0.078 χ^2 /NDF: 45671151.0/40

All: 204.937 $\pm$ 0.077 χ^2 /NDF: 88031151.8/78

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -715.083+/-1186.604 χ^2/NDF : 27.8/22

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: -496.081+/-856.974 χ^2/NDF : 41.6/43

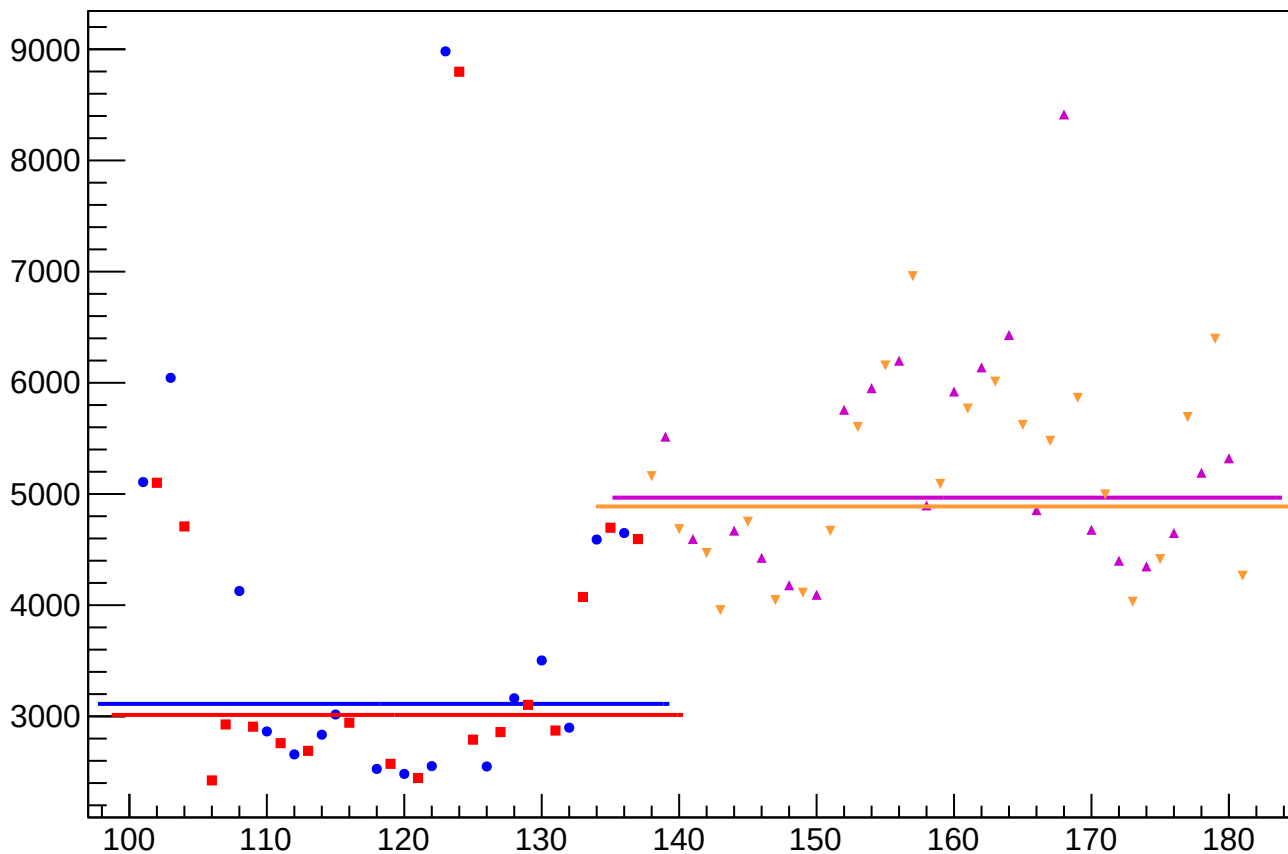
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -822.683+/-841.819 χ^2/NDF : 42.7/40

All: -662.383+/-608.583 χ^2/NDF : 71.4/78

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4887.899 $\pm$ 0.839 χ^2/NDF : 870422.0/22

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

Left In: 4967.153 $\pm$ 0.876 χ^2/NDF : 851571.7/20

Left: 4925.815 $\pm$ 0.606 χ^2/NDF : 1726262.0/43

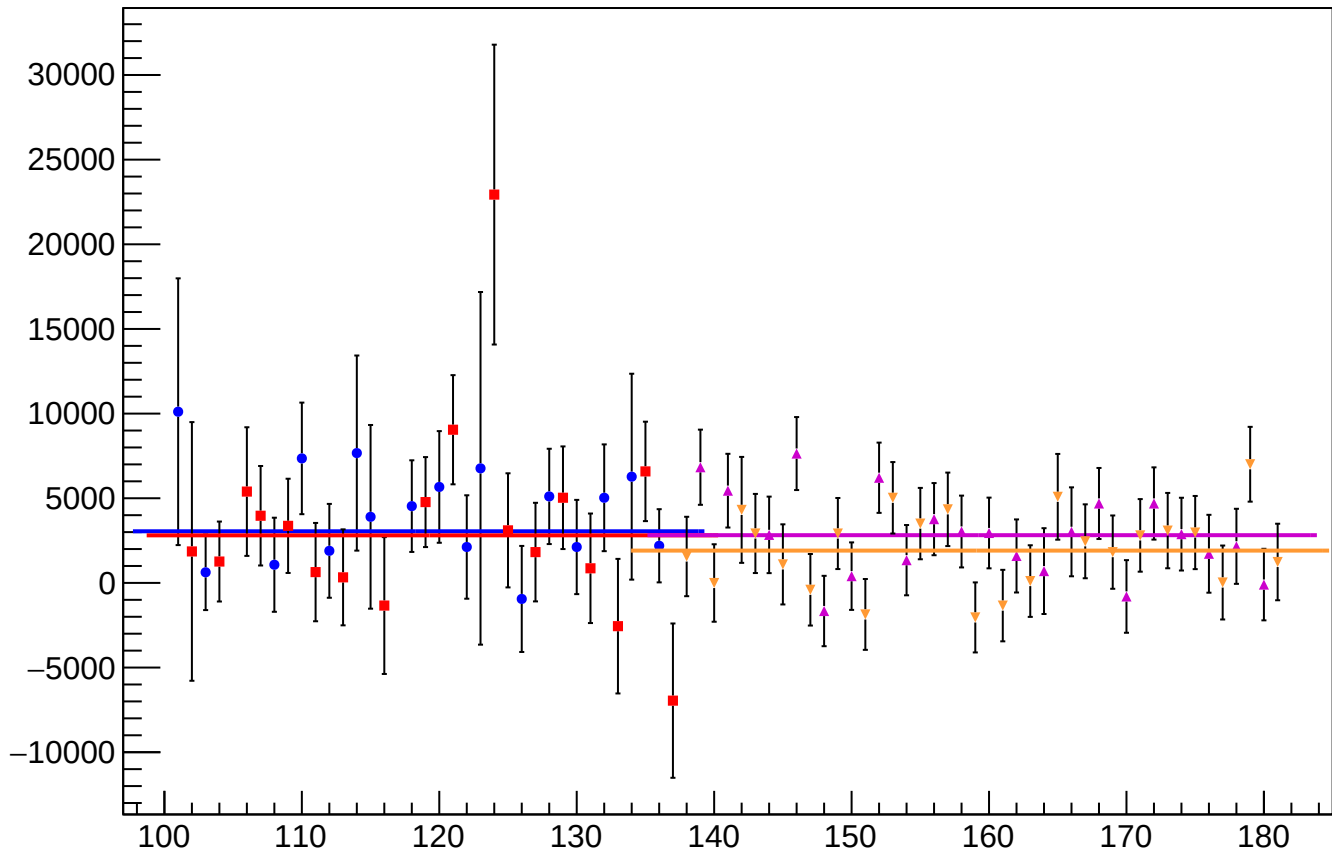
Right: 3059.514 $\pm$ 0.607 χ^2/NDF : 1739444.6/34

In: 4049.767 $\pm$ 0.623 χ^2/NDF : 4027133.2/37

Out: 3944.702 $\pm$ 0.592 χ^2/NDF : 4156884.1/40

All: 3994.525 $\pm$ 0.429 χ^2/NDF : 8198978.3/78

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1908.541 $\pm$ 462.120 χ^2 /NDF:25.6/22

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: 2352.476 $\pm$ 330.778 χ^2 /NDF: 54.3/43

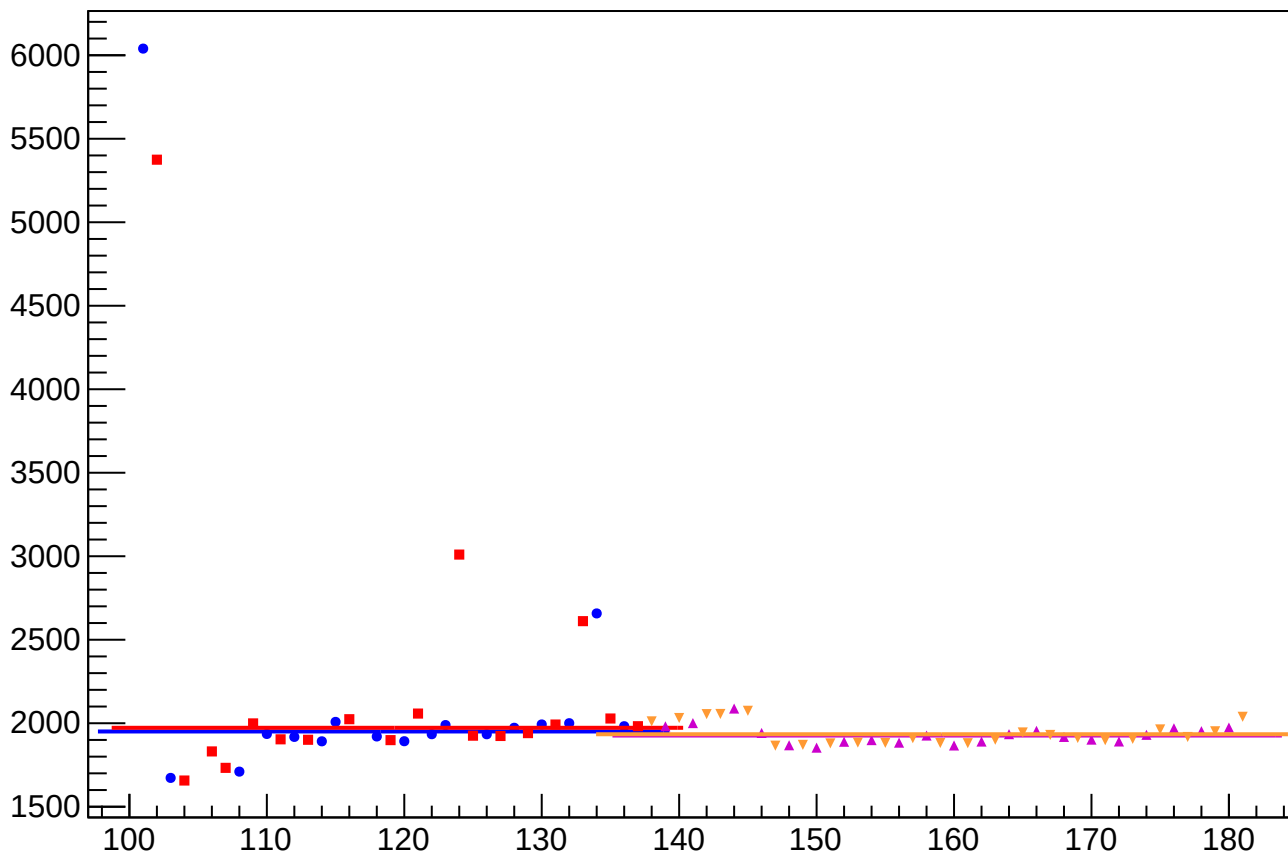
Right: 2928.147 $\pm$ 543.941 χ^2 /NDF: 31.4/34

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

Out: 2148.752 $\pm$ 395.718 χ^2 /NDF:48.6/40

All: 2507.888 $\pm$ 282.623 χ^2 /NDF: 86.5/78

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.080 $\pm$ 0.327 χ^2 /NDF: 38095.6/22

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: 1930.333 $\pm$ 0.234 χ^2 /NDF: 63587.3/43

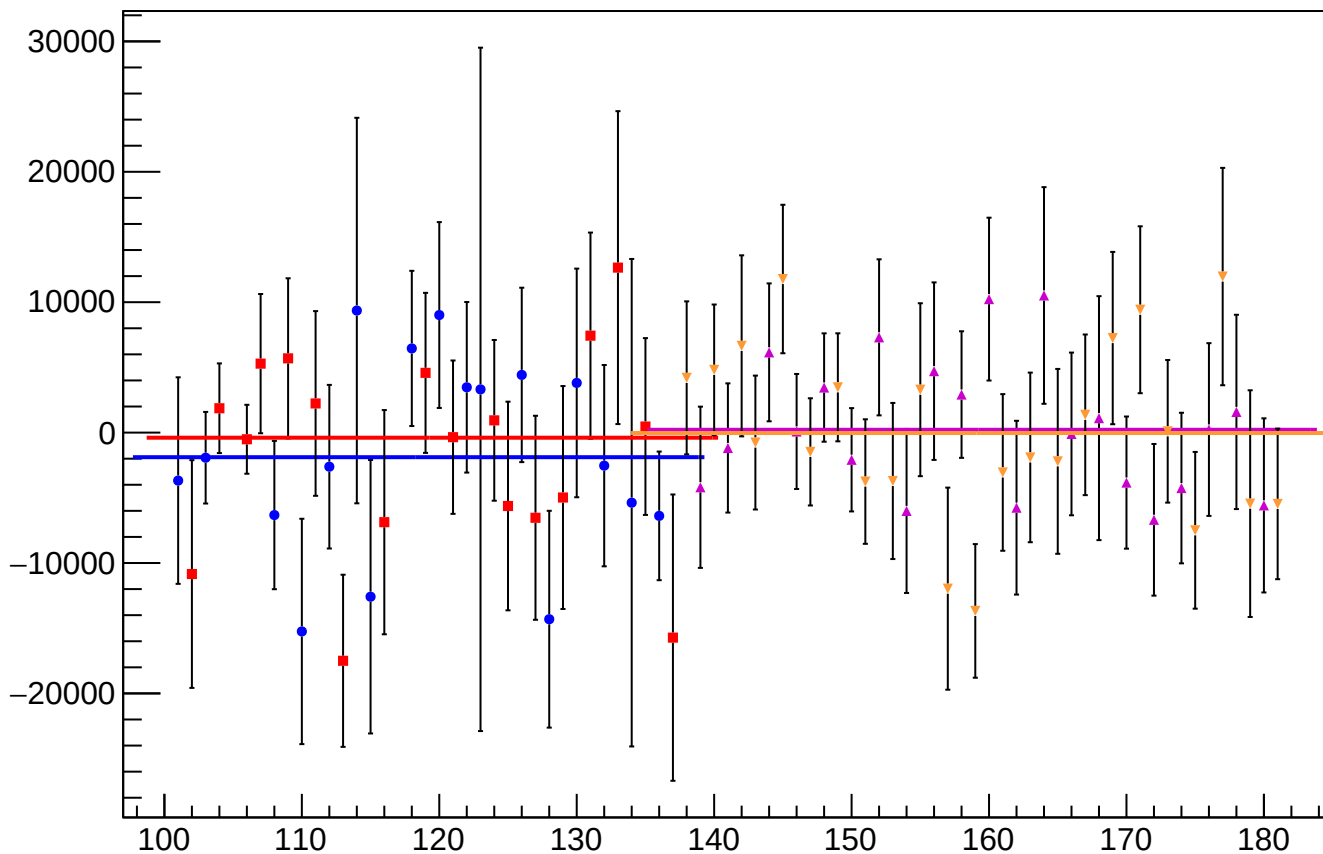
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

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

Out: 1944.397 $\pm$ 0.280 χ^2 /NDF: 577499.8/40

All: 1938.833 $\pm$ 0.200 χ^2 /NDF: 1220132.9/78

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -32.162+/-1204.829 χ^2/NDF : 27.0/22

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: 88.604+/-862.764 χ^2/NDF : 41.3/43

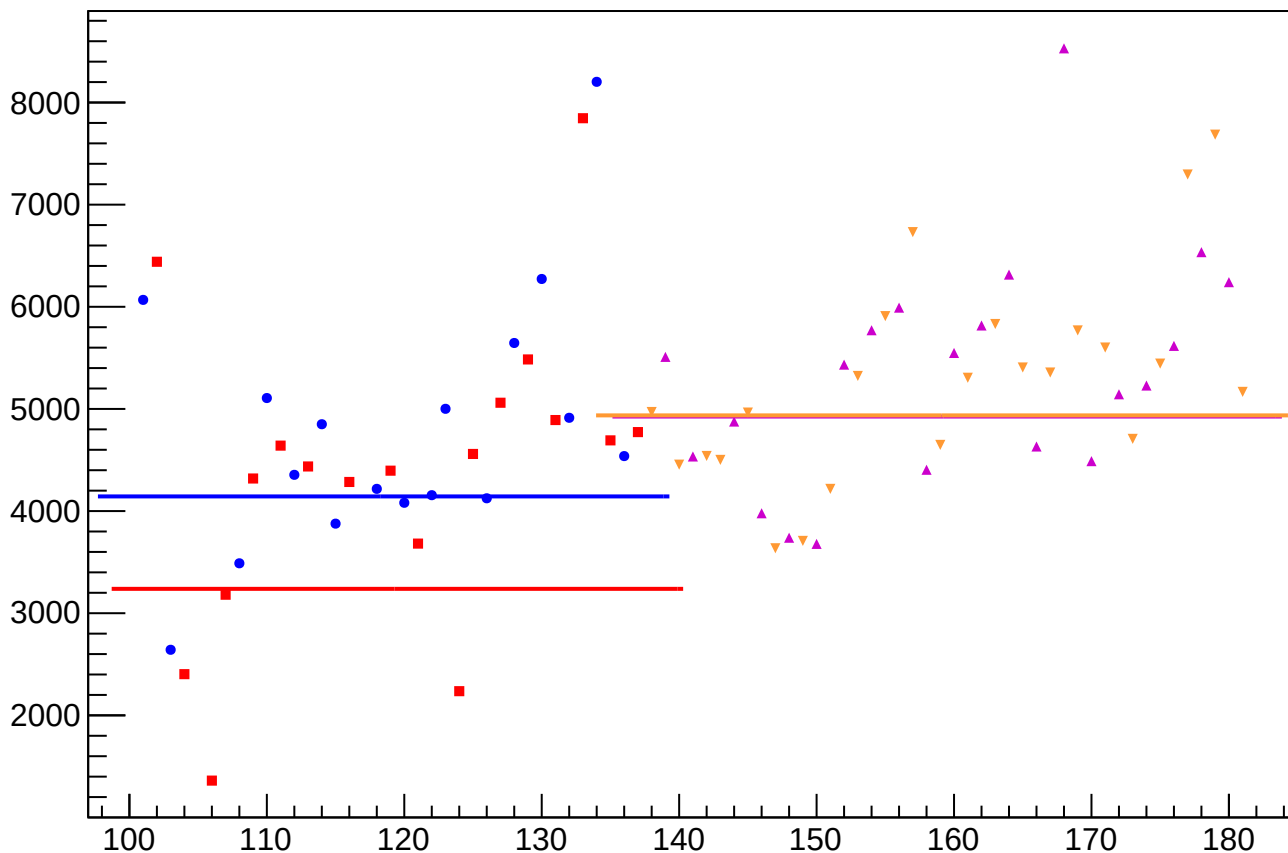
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

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

Out: -189.931+/-902.327 χ^2/NDF : 44.6/40

All: -346.275+/-667.181 χ^2/NDF : 74.1/78

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2/NDF : 855972.6/16

Left Out: 4936.902 $\pm$ 0.852 χ^2/NDF : 1123971.2/22

Right Out: 3238.590 $\pm$ 0.963 χ^2/NDF : 2581960.1/17

Left In: 4925.362 $\pm$ 0.874 χ^2/NDF : 1235617.4/20

Left: 4931.280 $\pm$ 0.610 χ^2/NDF : 2359678.1/43

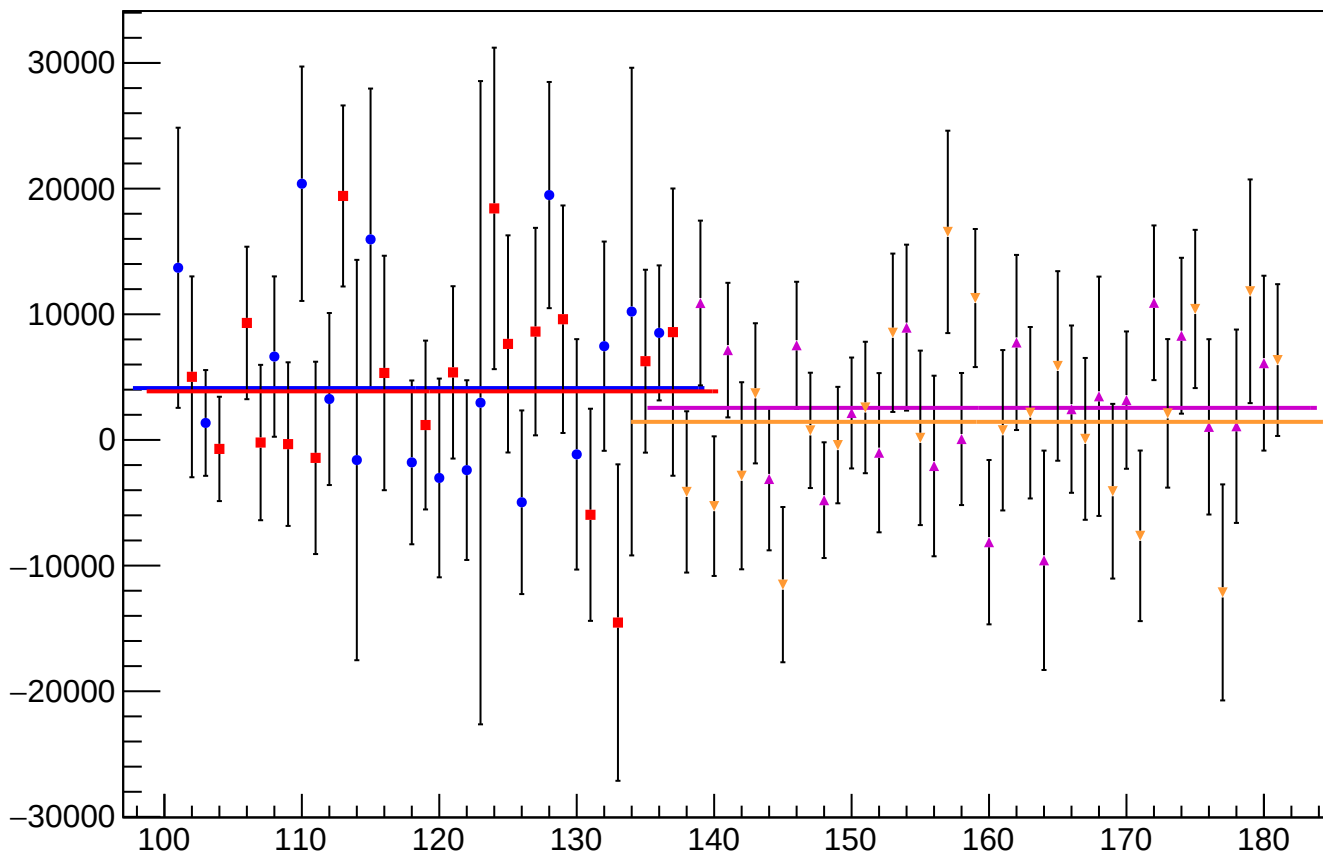
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4646.045 $\pm$ 0.701 χ^2/NDF : 2377486.1/37

Out: 4191.155 $\pm$ 0.638 χ^2/NDF : 5450903.0/40

All: 4397.351 $\pm$ 0.472 χ^2/NDF : 8058792.4/78

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4126.632+/-1863.062 χ^2/NDF : 13.7/16

Left Out: 1439.562+/-1295.622 χ^2/NDF : 24.8/22

Right Out: 3866.479+/-1727.484 χ^2/NDF : 14.3/17

Left In: 2551.645+/-1330.470 χ^2/NDF : 17.0/20

Left: 1980.849+/-928.218 χ^2/NDF : 42.1/43

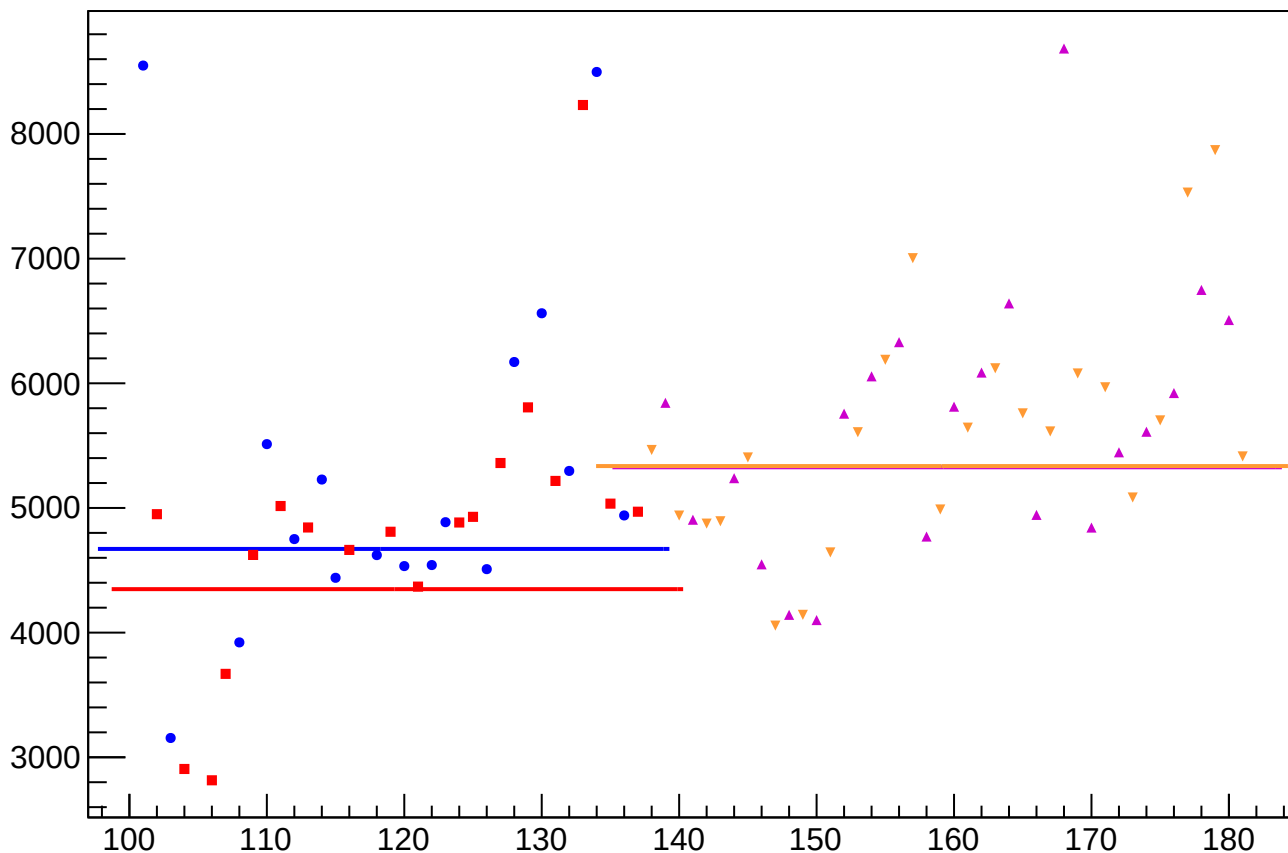
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3083.582+/-1082.727 χ^2/NDF : 31.1/37

Out: 2313.260+/-1036.495 χ^2/NDF : 40.3/40

All: 2681.624+/-748.723 χ^2/NDF : 71.7/78

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.010+/-0.916 χ^2/NDF : 866981.8/22

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: 5331.238+/-0.656 χ^2/NDF : 1818098.8/43

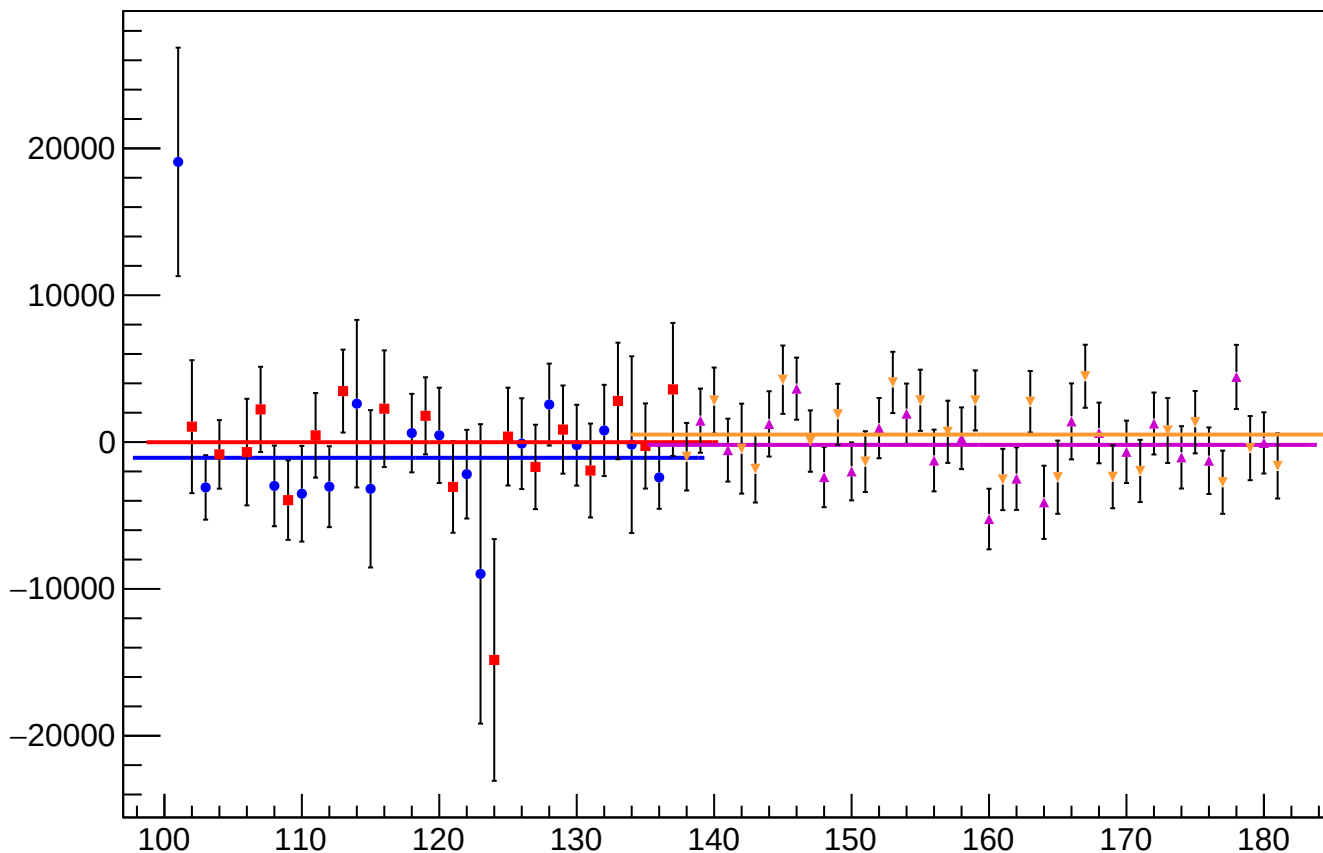
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

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

Out: 4977.936+/-0.731 χ^2/NDF : 2080612.1/40

All: 5038.575+/-0.529 χ^2/NDF : 3995849.3/78

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 510.789 ± 455.727 $\chi^2/\text{NDF}: 26.7/22$

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

Left In: -190.677 ± 467.438 $\chi^2/\text{NDF}: 23.5/20$

Left: 168.954 ± 326.309 $\chi^2/\text{NDF}: 51.4/43$

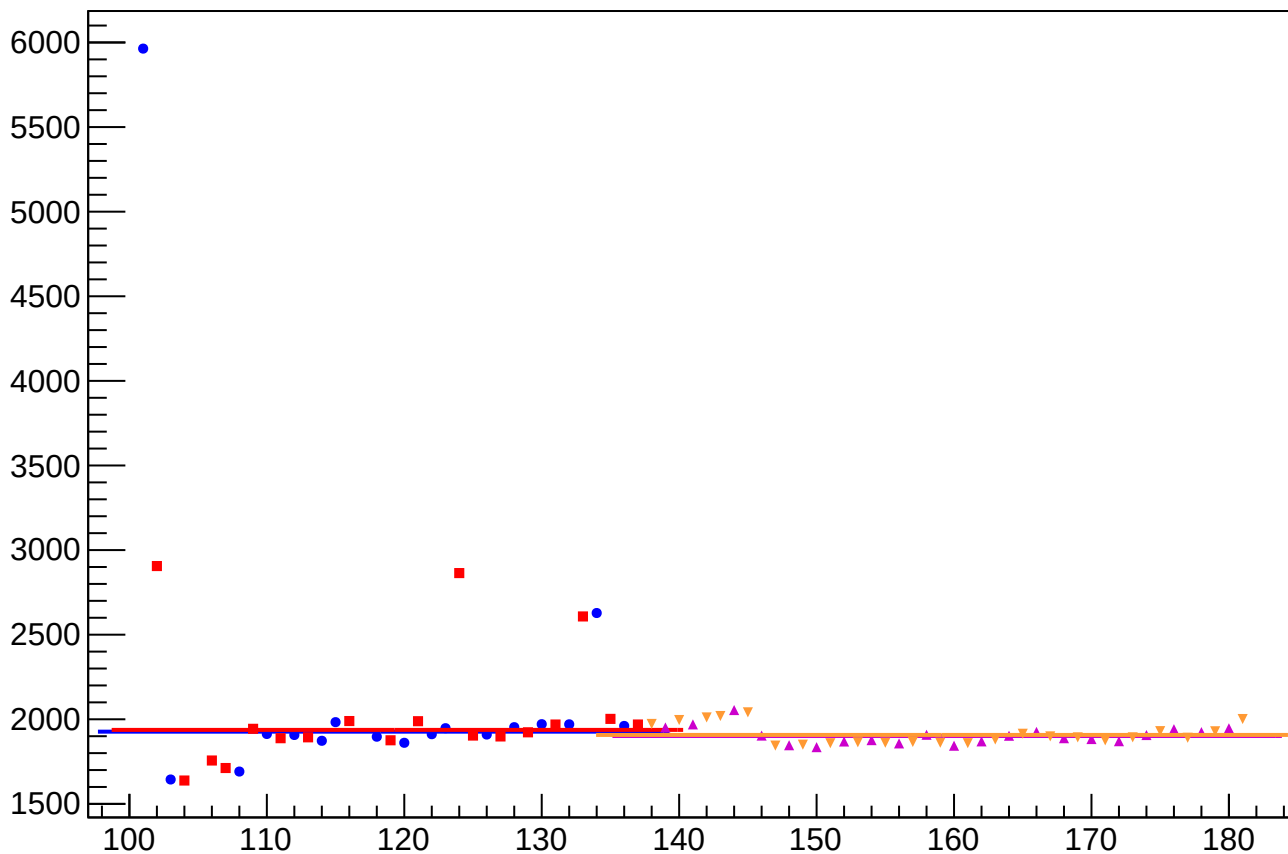
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -430.996 ± 398.582 $\chi^2/\text{NDF}: 38.2/37$

Out: 370.126 ± 389.196 $\chi^2/\text{NDF}: 38.5/40$

All: -20.891 ± 278.463 $\chi^2/\text{NDF}: 78.7/78$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.542+/-0.322 χ^2/NDF : 32613.5/22

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: 1904.425+/-0.231 χ^2/NDF : 55400.4/43

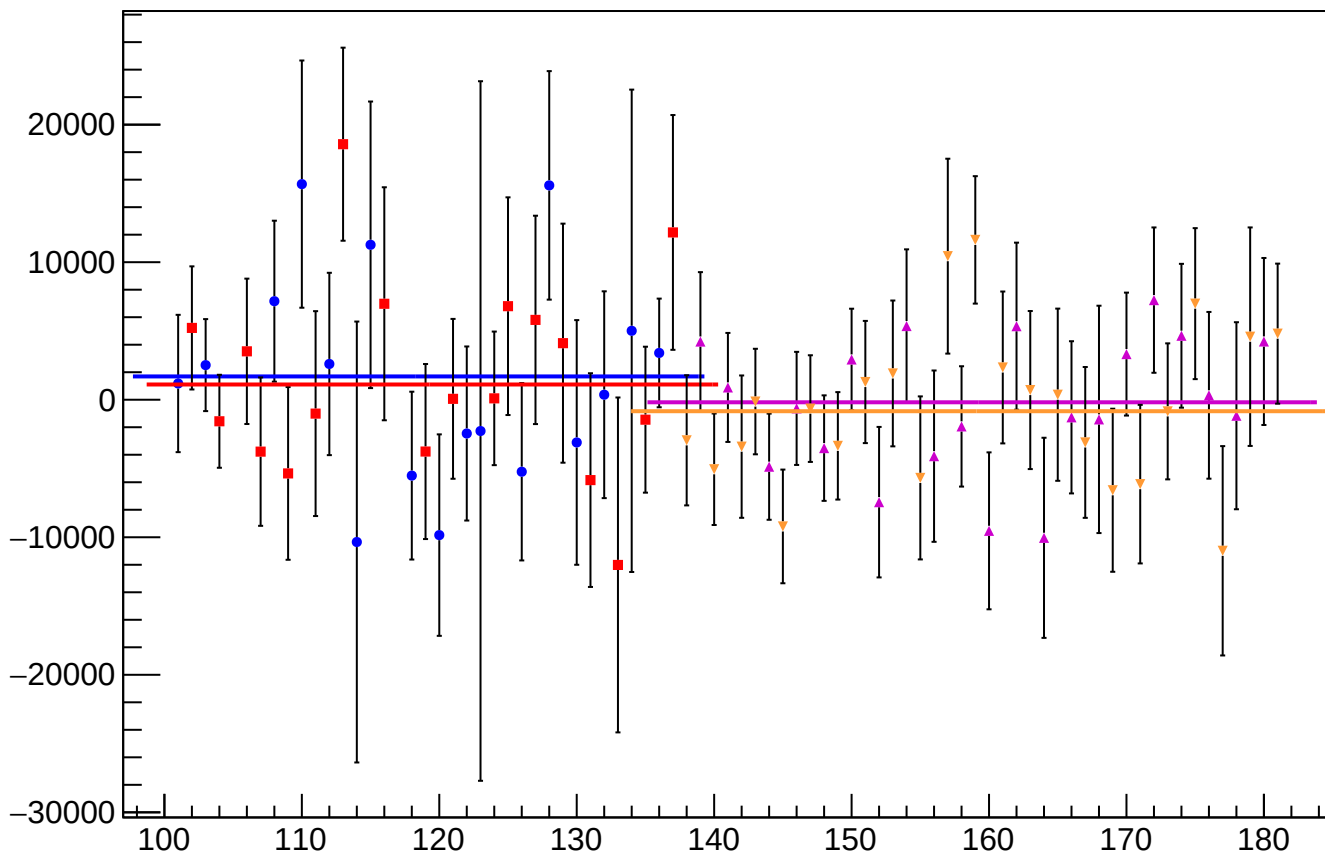
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

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

Out: 1915.599+/-0.275 χ^2/NDF : 264000.5/40

All: 1911.975+/-0.197 χ^2/NDF : 905723.0/78

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -835.055 $\pm$ 1048.977 χ^2/NDF : 24.9/22

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: -523.970 $\pm$ 756.923 χ^2/NDF : 41.6/43

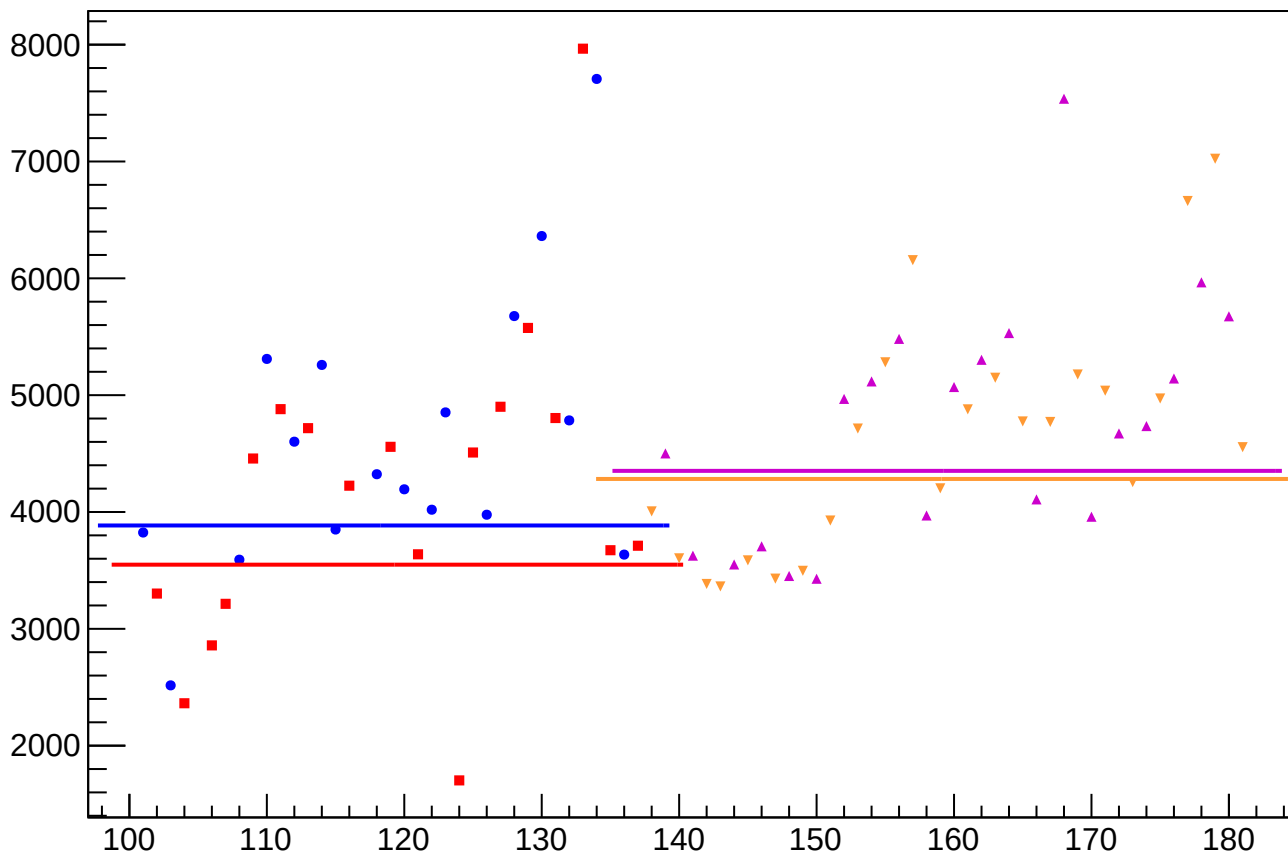
Right: 1373.479 $\pm$ 1044.694 χ^2/NDF : 29.6/34

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

Out: -144.515 $\pm$ 842.189 χ^2/NDF : 42.0/40

All: 129.216 $\pm$ 612.946 χ^2/NDF : 73.3/78

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4282.795 $\pm$ 0.742 χ^2 /NDF:1343749.7/22

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: 4315.999 $\pm$ 0.535 χ^2 /NDF: 2640753.6/43

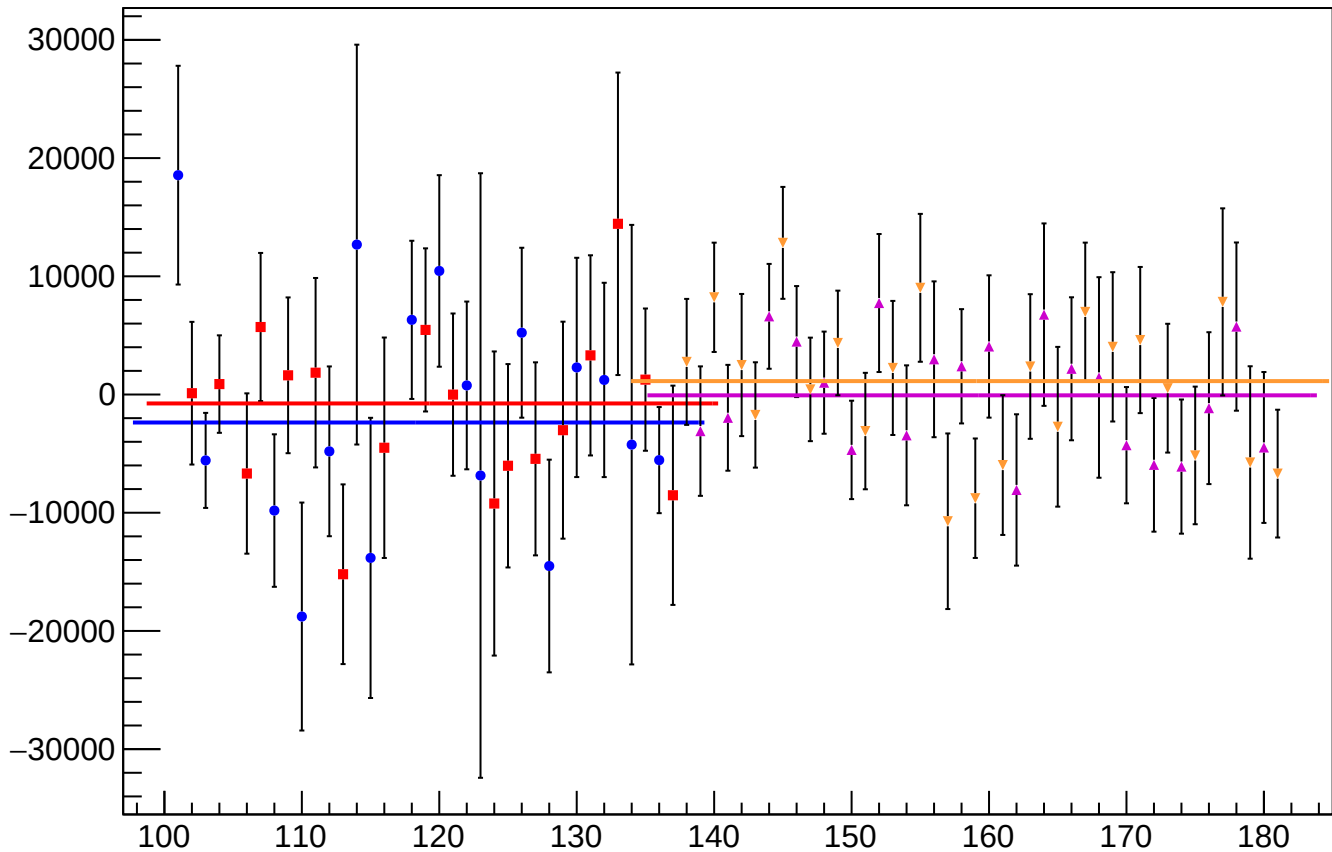
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

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

Out: 4022.049 $\pm$ 0.596 χ^2 /NDF:3018403.4/40

All: 4104.340 $\pm$ 0.433 χ^2 /NDF: 5299663.8/78

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1134.306 $\pm$ 1155.448 χ^2 /NDF: 26.4/22

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: 554.279 $\pm$ 831.702 χ^2 /NDF: 41.6/43

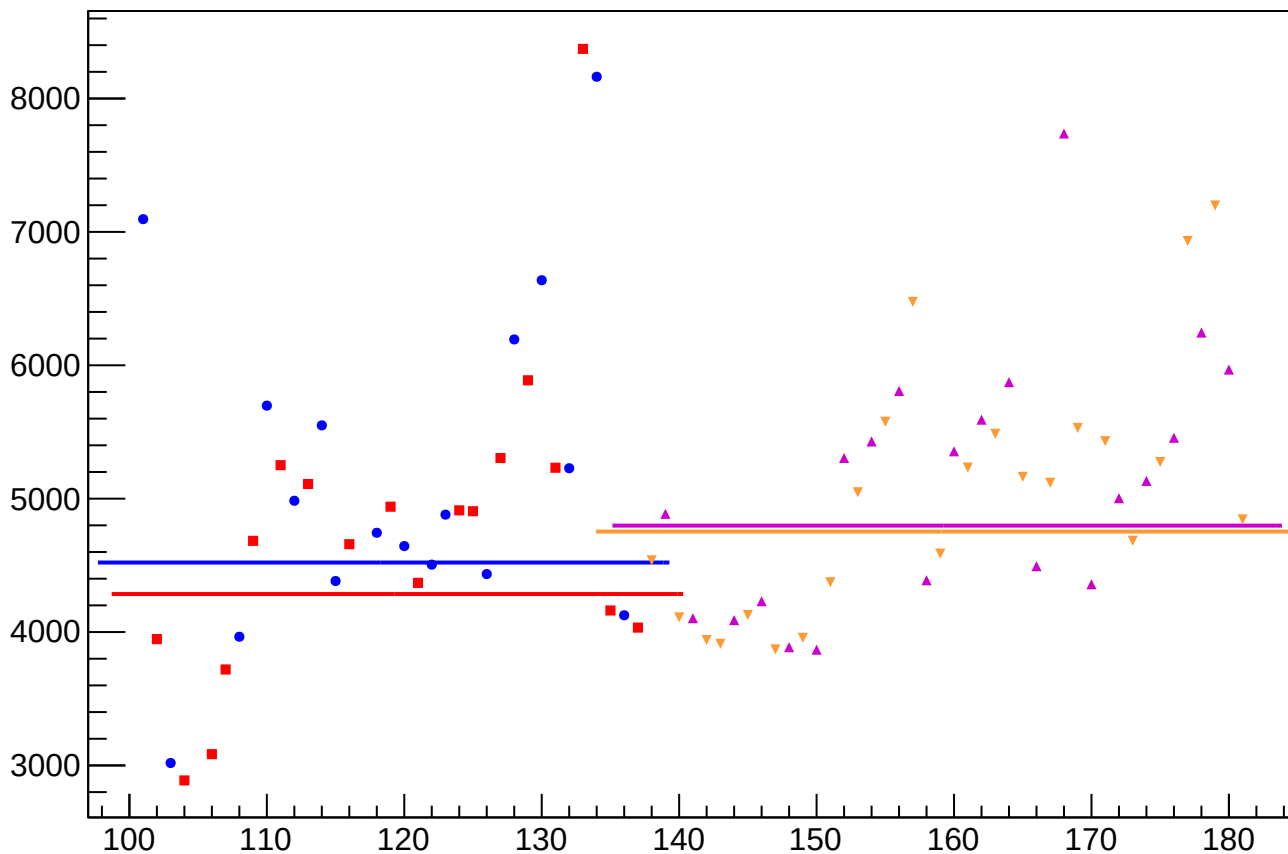
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

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

Out: 533.745 $\pm$ 954.385 χ^2 /NDF: 37.7/40

All: -91.078 $\pm$ 689.659 χ^2 /NDF: 74.5/78

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4753.405+/-0.817 χ^2/NDF : 952827.0/22

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: 4774.898+/-0.588 χ^2/NDF : 1899597.1/43

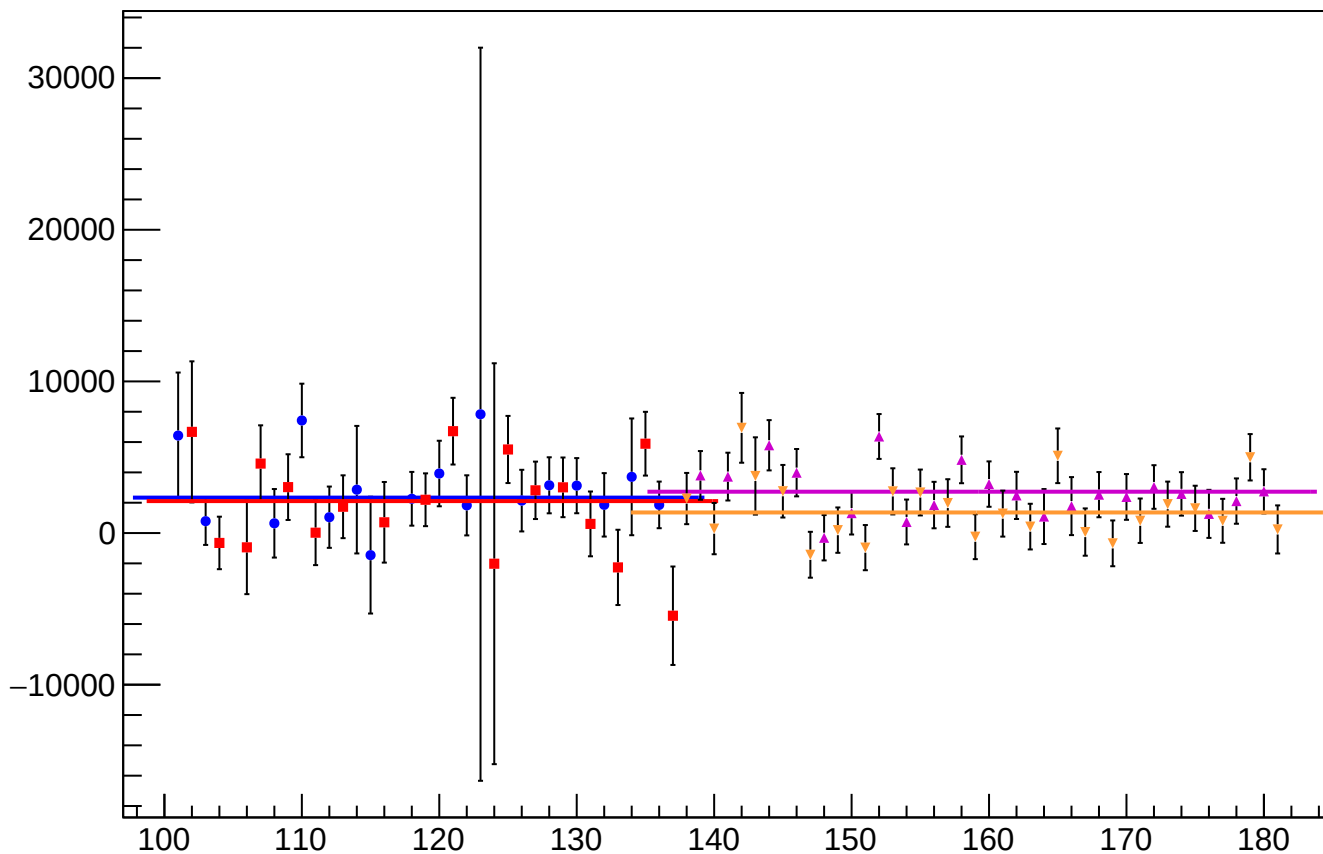
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

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

Out: 4603.457+/-0.674 χ^2/NDF : 1804430.3/40

All: 4655.777+/-0.487 χ^2/NDF : 3573806.7/78

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: 1357.435 $\pm$ 330.680 χ^2 /NDF:31.3/22

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: 2032.272 $\pm$ 235.479 χ^2 /NDF: 62.2/43

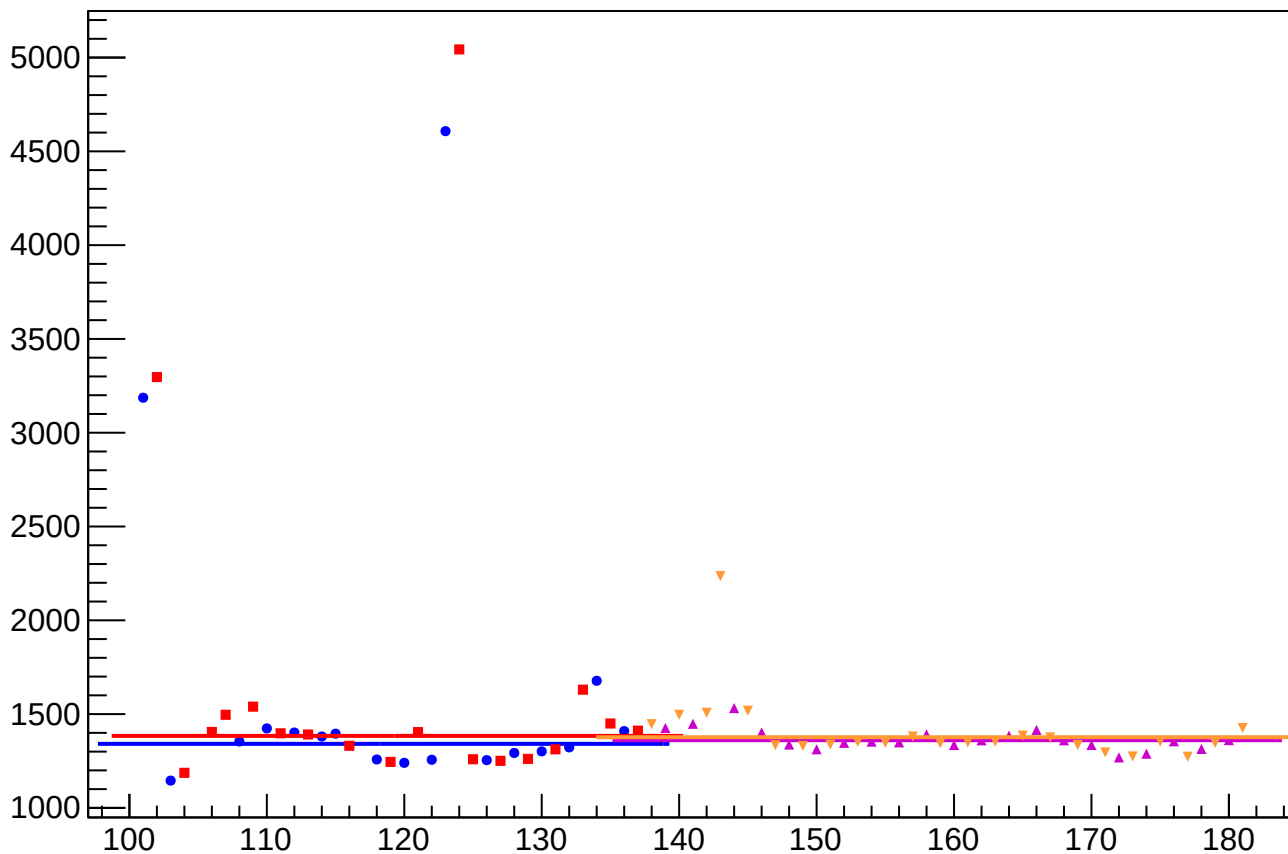
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

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

Out: 1562.107 $\pm$ 281.949 χ^2 /NDF:59.0/40

All: 2085.730 $\pm$ 199.947 χ^2 /NDF: 98.4/78

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1376.729 $\pm$ 0.234 χ^2 /NDF:299302.9/22

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

Left In: 1360.908 $\pm$ 0.237 χ^2 /NDF:54456.7/20

Left: 1368.931 $\pm$ 0.167 χ^2 /NDF: 356016.1/43

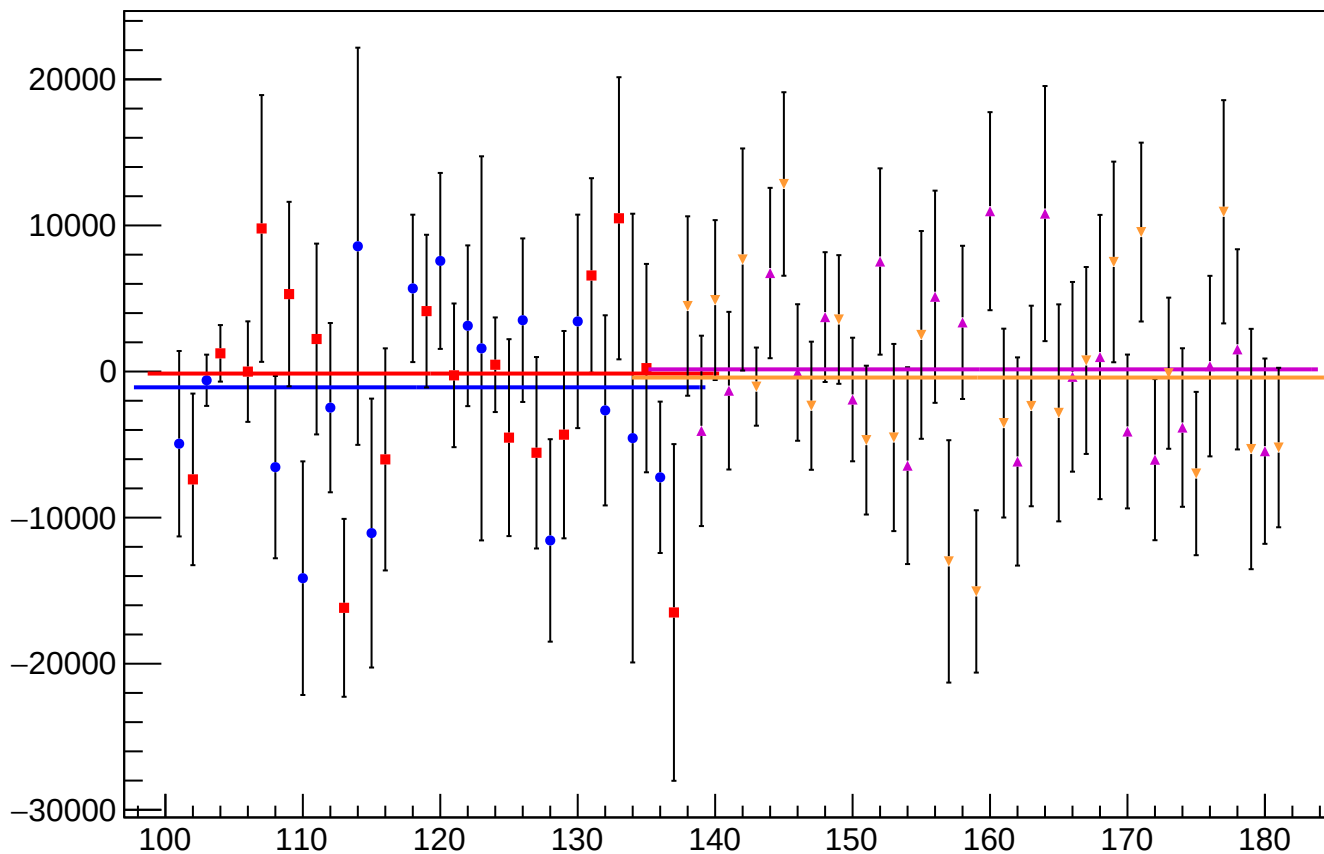
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1355.339 $\pm$ 0.201 χ^2 /NDF:560662.8/37

Out: 1378.693 $\pm$ 0.199 χ^2 /NDF:893407.2/40

All: 1367.085 $\pm$ 0.141 χ^2 /NDF: 1460891.6/78

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: -411.531+/-1157.813 χ^2/NDF : 27.9/22

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: -160.194+/-860.116 χ^2/NDF : 41.9/43

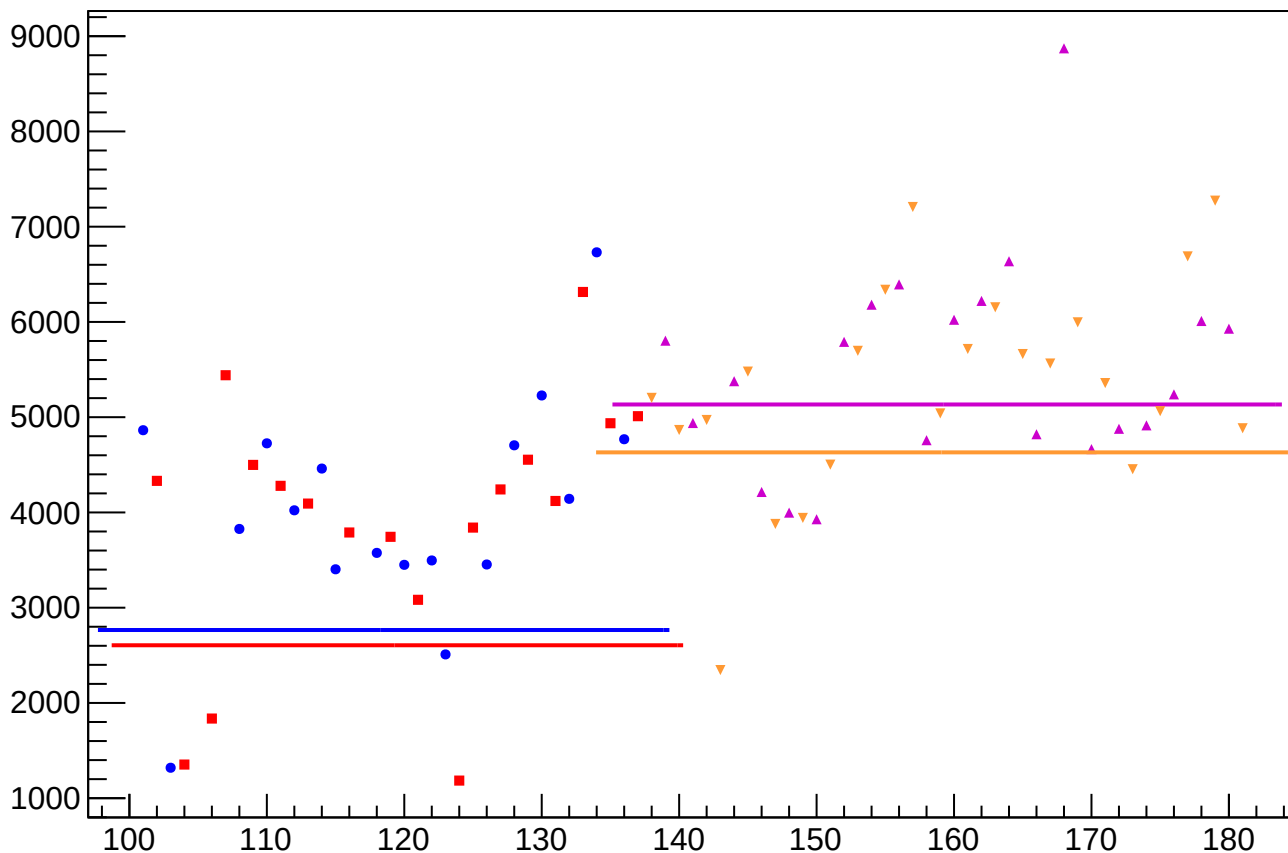
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: -271.788+/-808.435 χ^2/NDF : 45.9/40

All: -376.708+/-595.899 χ^2/NDF : 75.4/78

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4630.637 $\pm$ 0.819 χ^2 /NDF: 2718492.7/22

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

Left In: 5133.442 $\pm$ 0.909 χ^2 /NDF: 1066083.1/20

Left: 4855.958 $\pm$ 0.608 χ^2 /NDF: 3953602.7/43

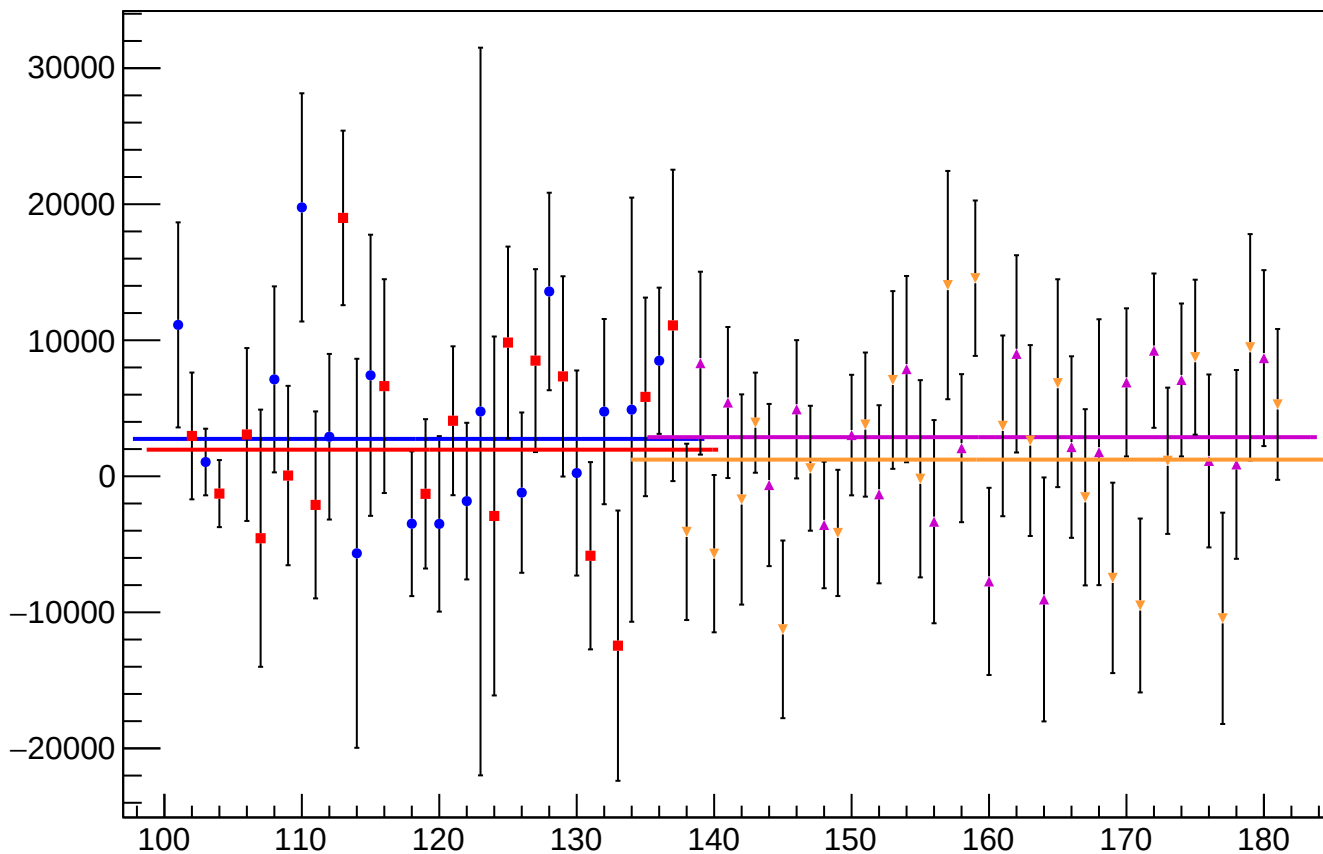
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3880.930 $\pm$ 0.624 χ^2 /NDF: 7597930.1/37

Out: 3592.856 $\pm$ 0.572 χ^2 /NDF: 9176329.8/40

All: 3724.414 $\pm$ 0.421 χ^2 /NDF: 16890233.6/7

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: 1226.457+/-1247.590 χ^2/NDF : 27.5/22

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: 1999.431+/-909.527 χ^2/NDF : 41.5/43

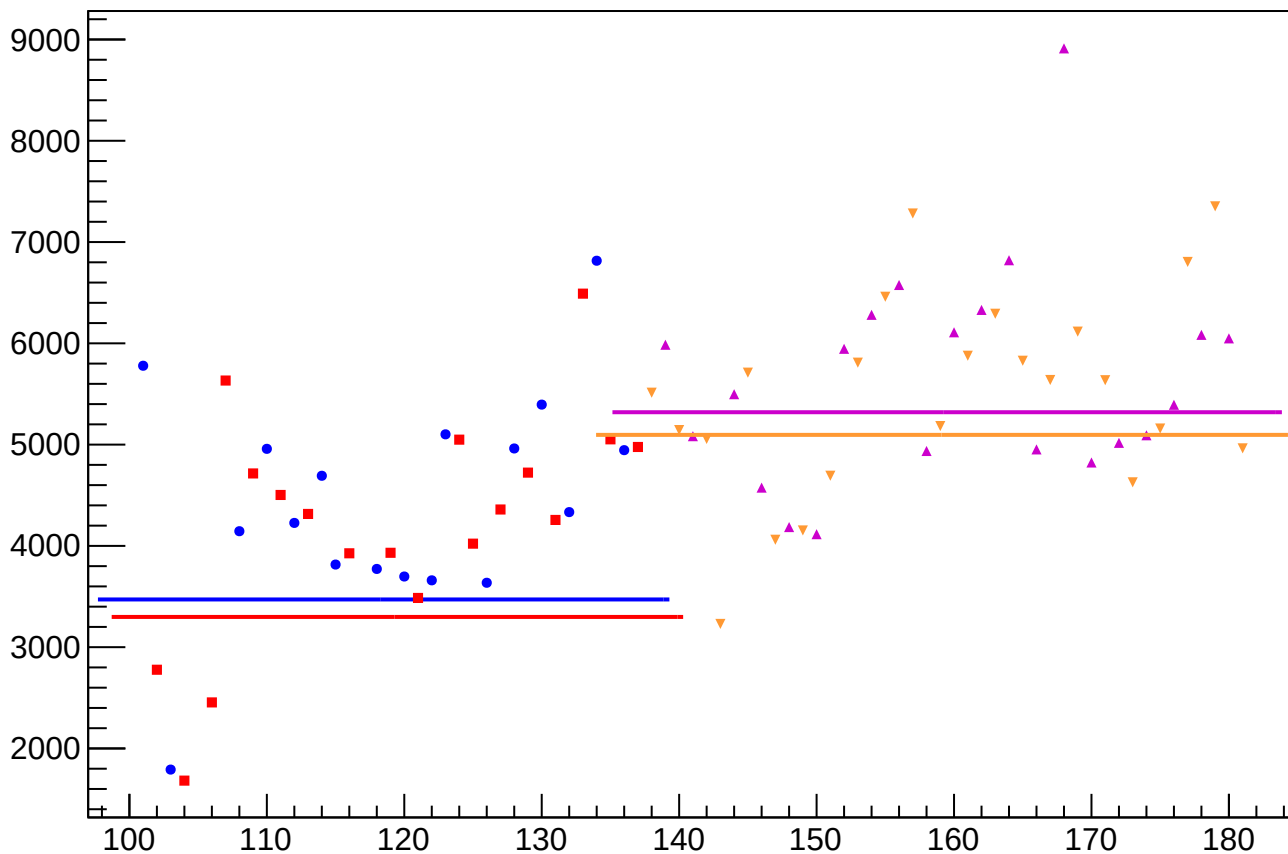
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1553.401+/-926.754 χ^2/NDF : 45.4/40

All: 2151.172+/-672.898 χ^2/NDF : 73.2/78

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: 5096.211+/-0.882 χ^2/NDF : 1403116.9/22

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: 5200.971+/-0.643 χ^2/NDF : 2364991.0/43

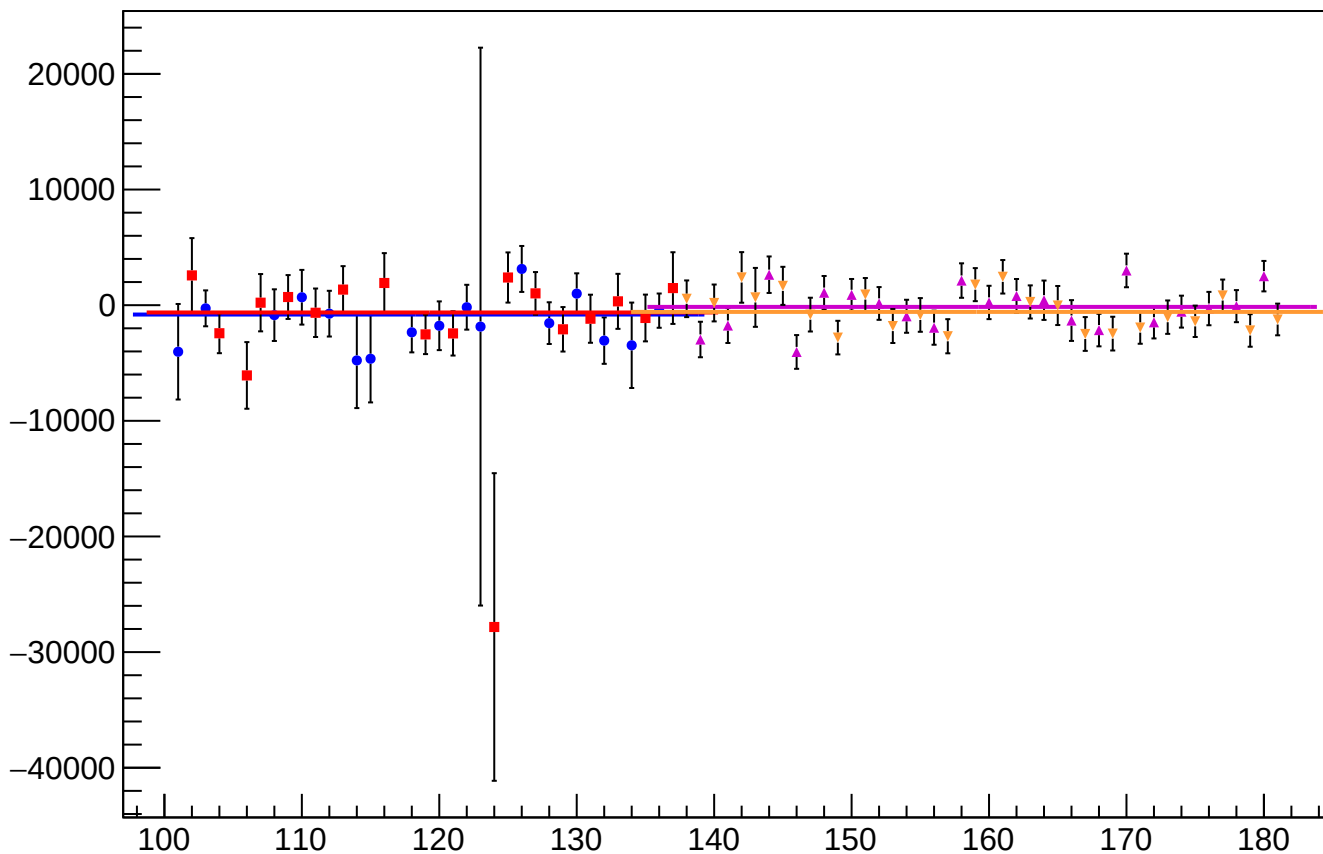
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 4282.354+/-0.653 χ^2/NDF : 5168958.2/40

All: 4372.487+/-0.475 χ^2/NDF : 9680663.3/78

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: -581.013+/-313.232 χ^2/NDF : 25.9/22

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: -368.100+/-223.348 χ^2/NDF : 59.9/43

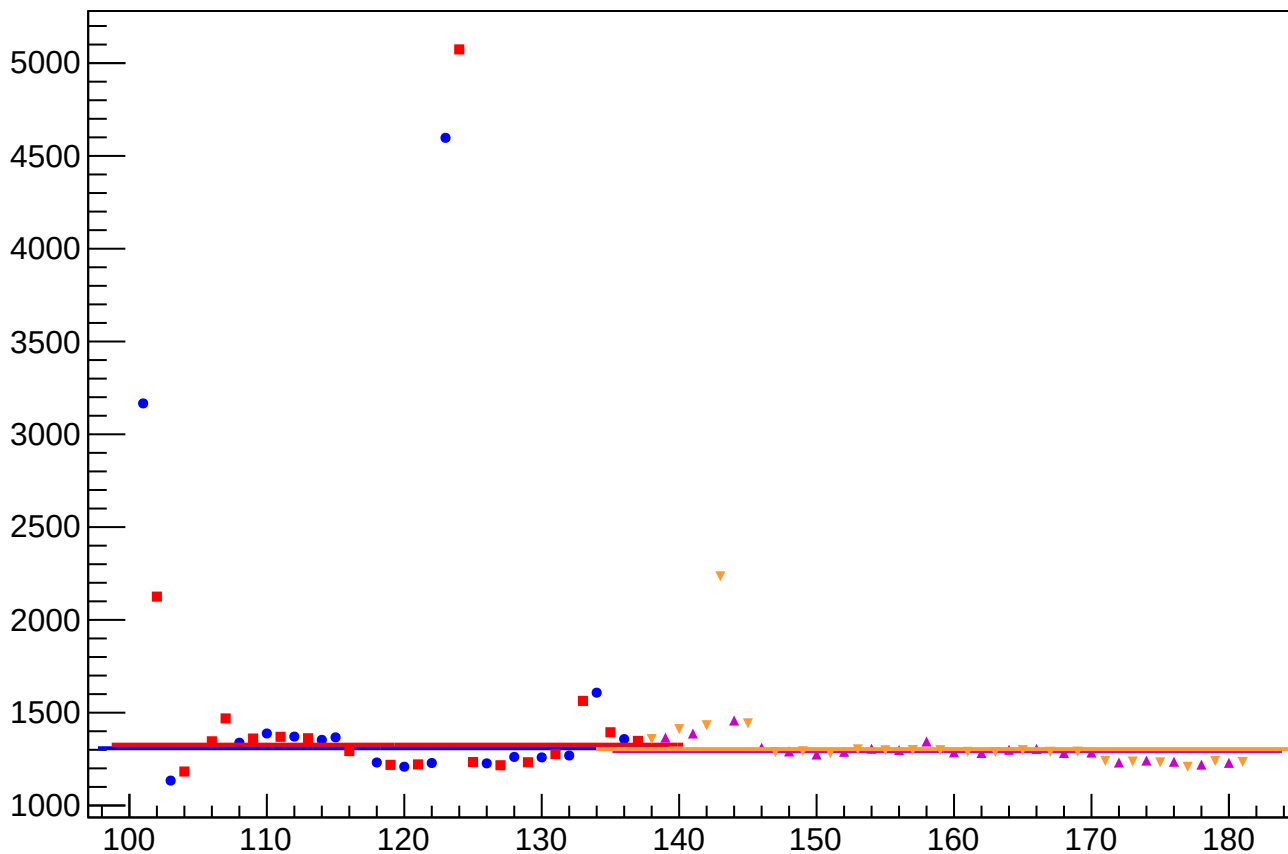
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

Out: -594.419+/-267.610 χ^2/NDF : 44.5/40

All: -463.671+/-190.547 χ^2/NDF : 90.4/78

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: 1303.730+/-0.221 χ^2/NDF :334249.4/22

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: 1298.293+/-0.158 χ^2/NDF : 393233.7/43

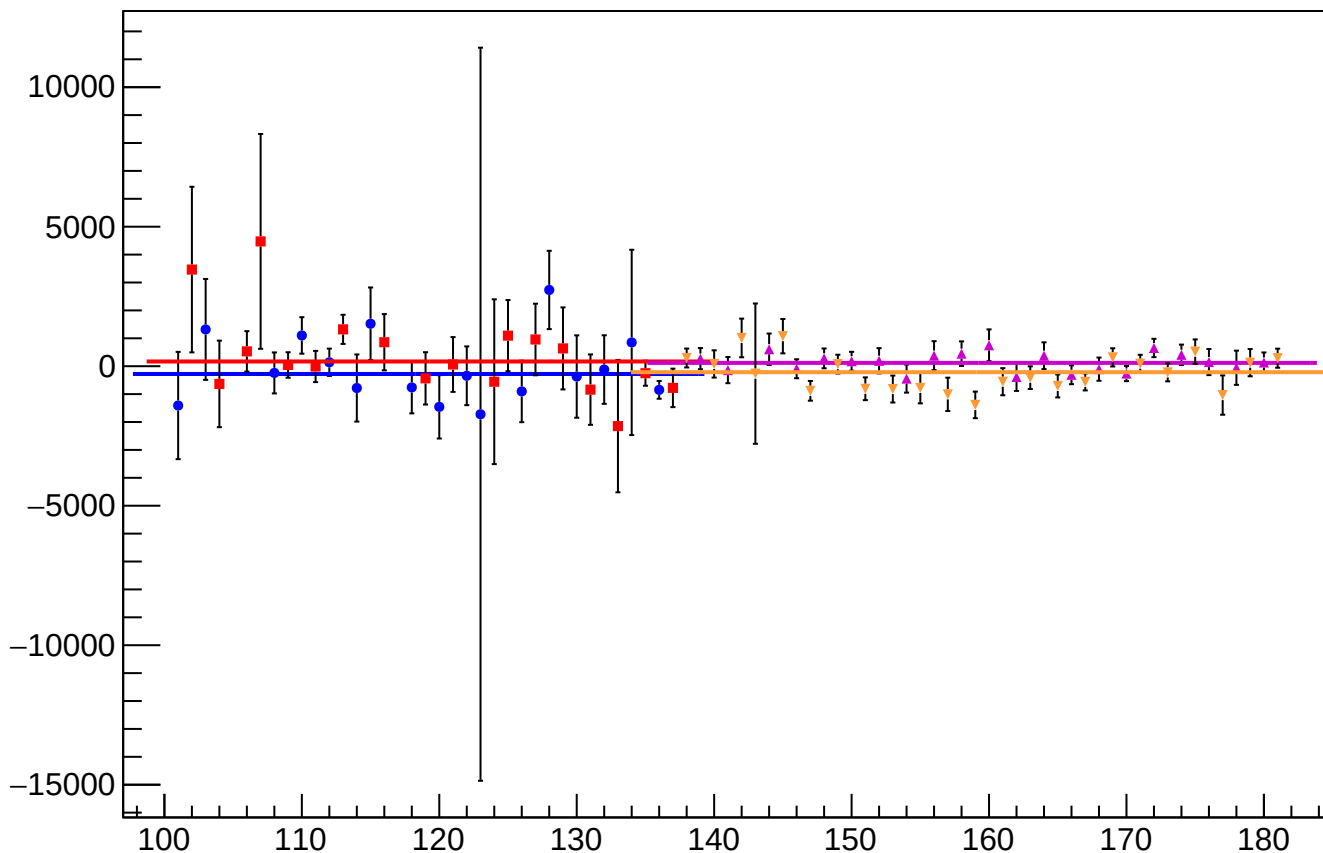
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

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

Out: 1310.190+/-0.189 χ^2/NDF :694729.1/40

All: 1303.675+/-0.135 χ^2/NDF : 1262769.0/78

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.191 $\pm$ 87.283 χ^2 /NDF:40.9/22

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

Left In: 119.014 $\pm$ 88.043 χ^2 /NDF:13.7/20

Left: -49.031 $\pm$ 61.985 χ^2 /NDF: 61.8/43

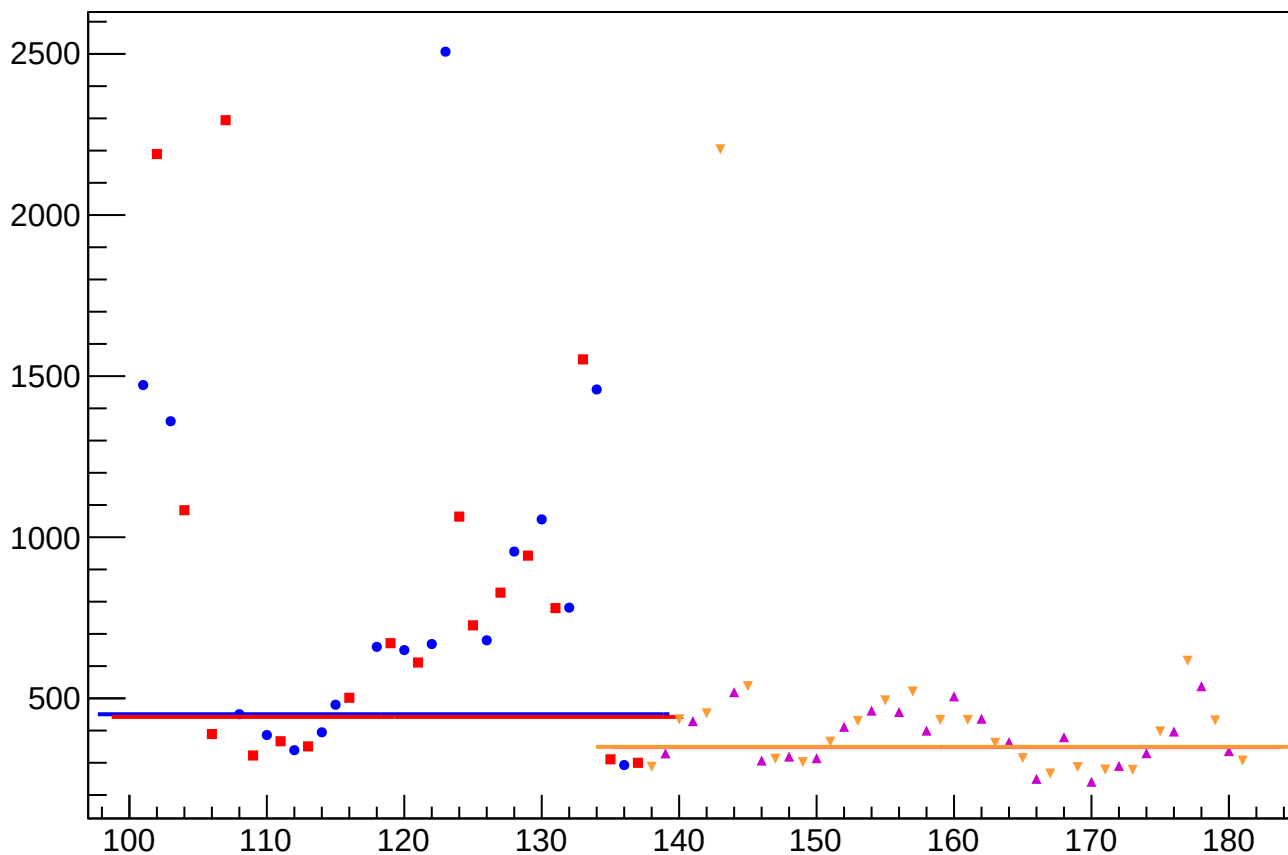
Right: -48.085 $\pm$ 138.058 χ^2 /NDF: 35.0/34

In: 53.425 $\pm$ 80.456 χ^2 /NDF:35.1/37

Out: -148.734 $\pm$ 79.493 χ^2 /NDF:58.5/40

All: -48.872 $\pm$ 56.547 χ^2 /NDF: 96.8/78

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: 349.365 $\pm$ 0.062 χ^2 /NDF: 2823259.6/22

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: 349.074 $\pm$ 0.044 χ^2 /NDF: 4384955.9/43

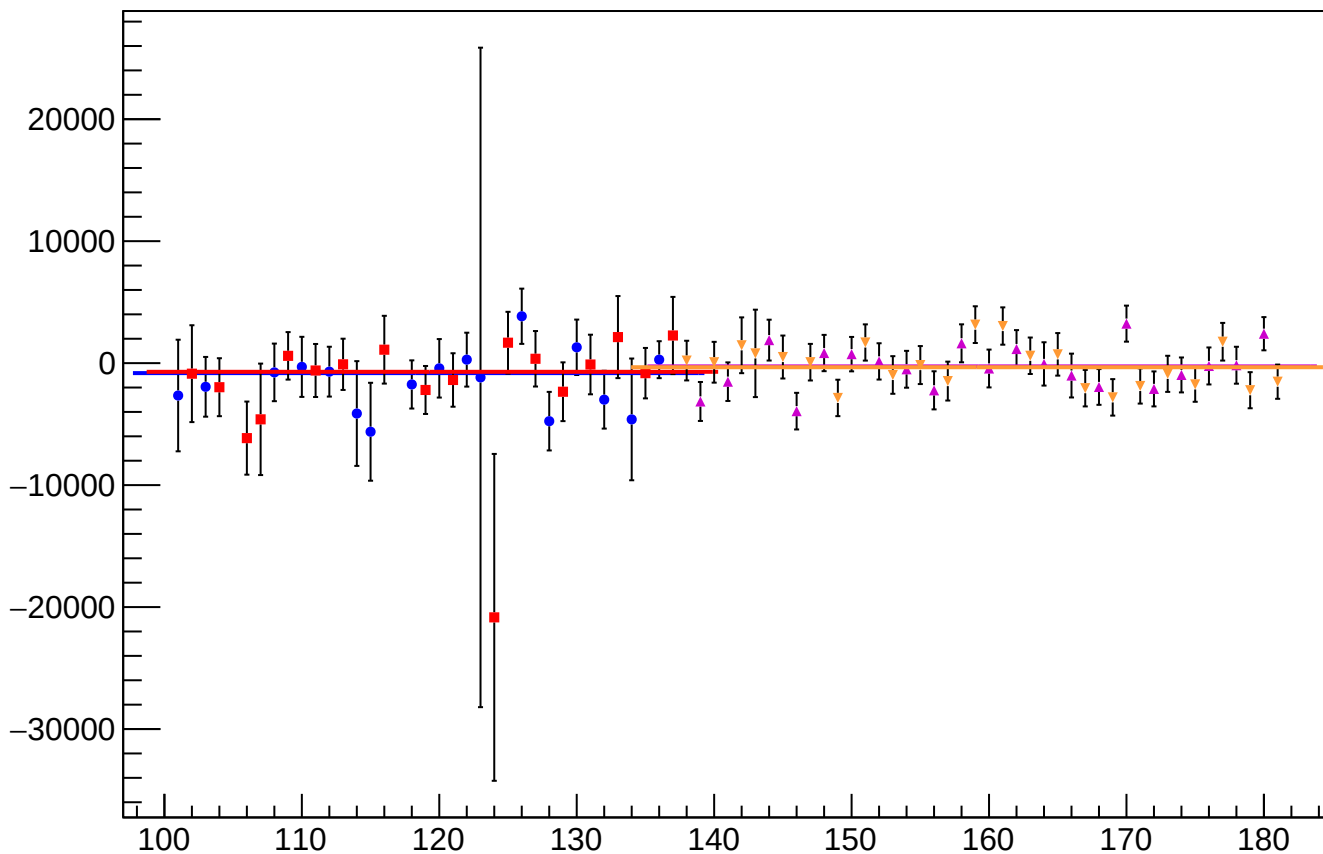
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

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

Out: 365.227 $\pm$ 0.056 χ^2 /NDF: 6578847.1/40

All: 365.395 $\pm$ 0.040 χ^2 /NDF: 11579364.1/78

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: -335.084+/-328.812 χ^2/NDF : 28.1/22

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: -300.939+/-233.922 χ^2/NDF : 57.6/43

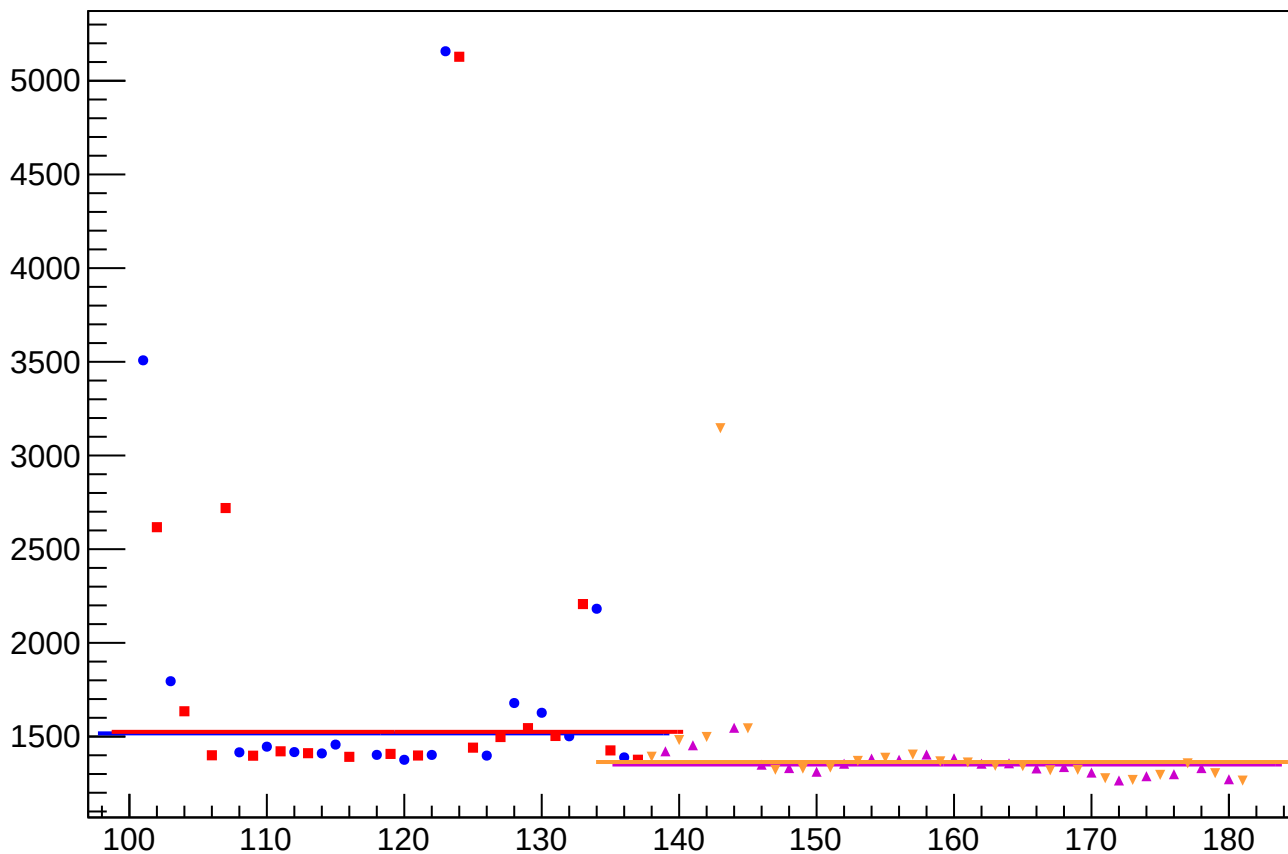
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

Out: -422.699+/-287.911 χ^2/NDF : 39.8/40

All: -409.143+/-204.736 χ^2/NDF : 82.6/78

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1364.051 $\pm$ 0.233 χ^2 /NDF: 575055.0/22

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

Left In: 1350.649 $\pm$ 0.235 χ^2 /NDF: 68623.2/20

Left: 1357.432 $\pm$ 0.165 χ^2 /NDF: 645319.2/43

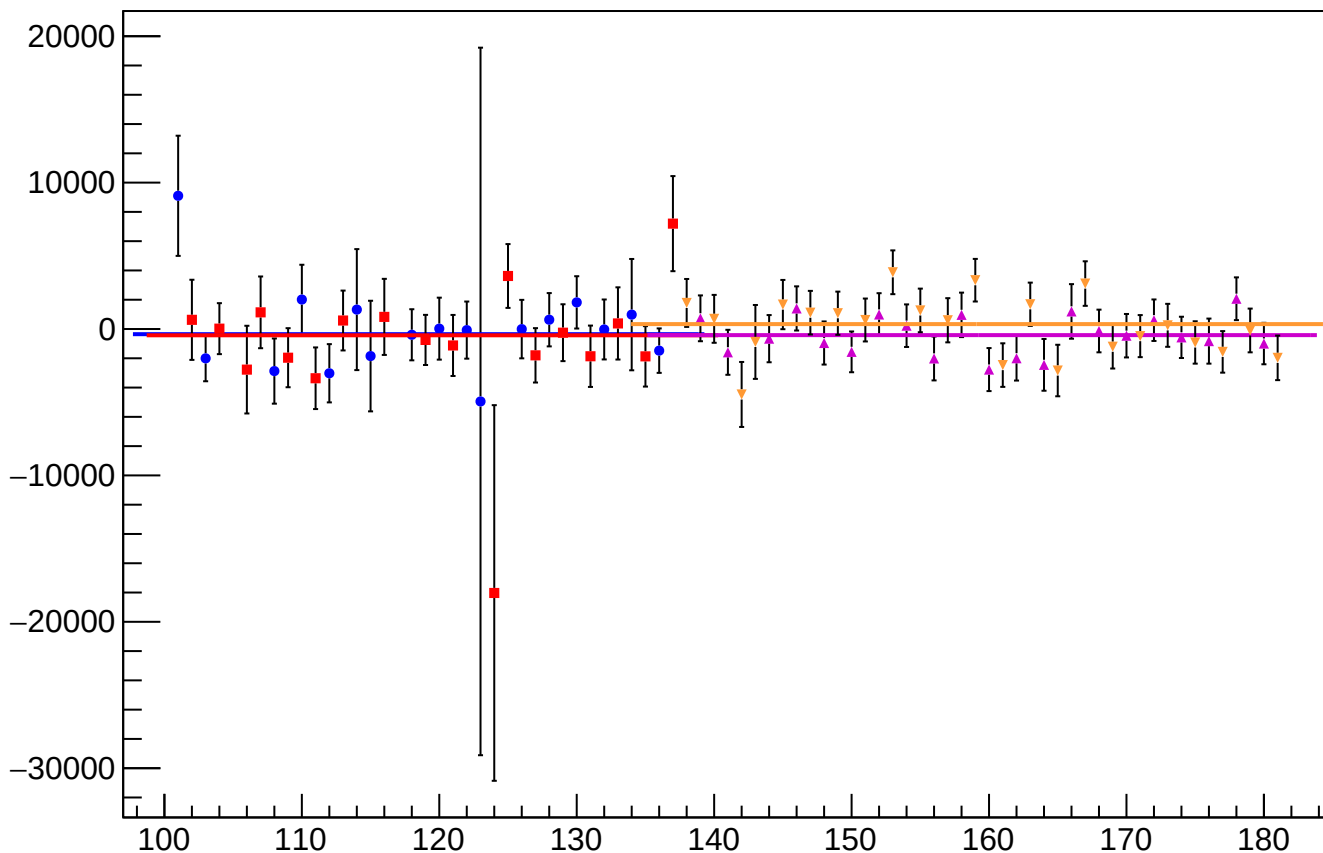
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1389.667 $\pm$ 0.206 χ^2 /NDF: 726785.8/37

Out: 1401.625 $\pm$ 0.204 χ^2 /NDF: 1258923.1/40

All: 1395.714 $\pm$ 0.145 χ^2 /NDF: 1987414.2/78

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: 335.169+/-323.374 χ^2/NDF :34.5/22

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: -35.395+/-230.406 χ^2/NDF : 53.1/43

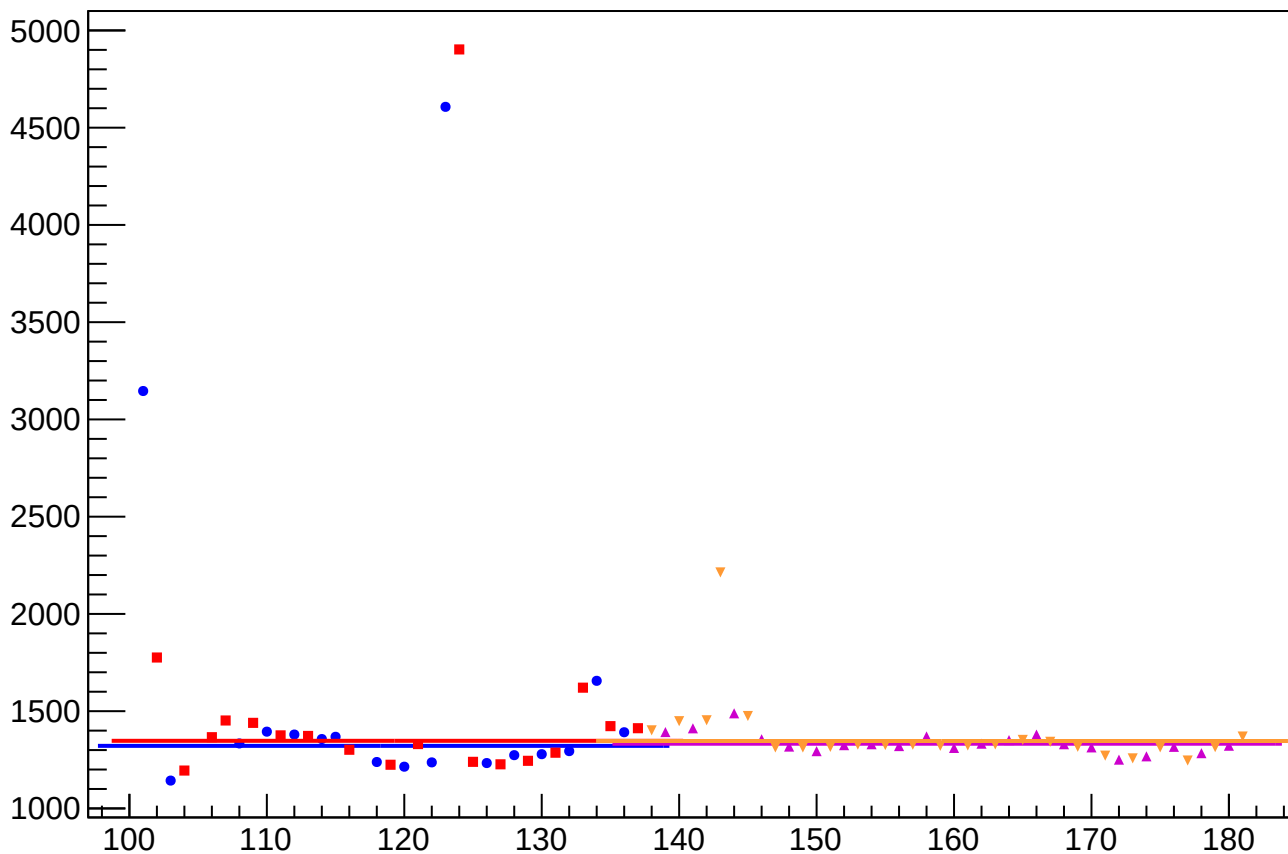
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

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

Out: 123.392+/-274.949 χ^2/NDF :52.9/40

All: -134.938+/-195.540 χ^2/NDF : 84.0/78

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: 1346.626 $\pm$ 0.229 χ^2 /NDF: 293540.2/22

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: 1339.757 $\pm$ 0.163 χ^2 /NDF: 341716.2/43

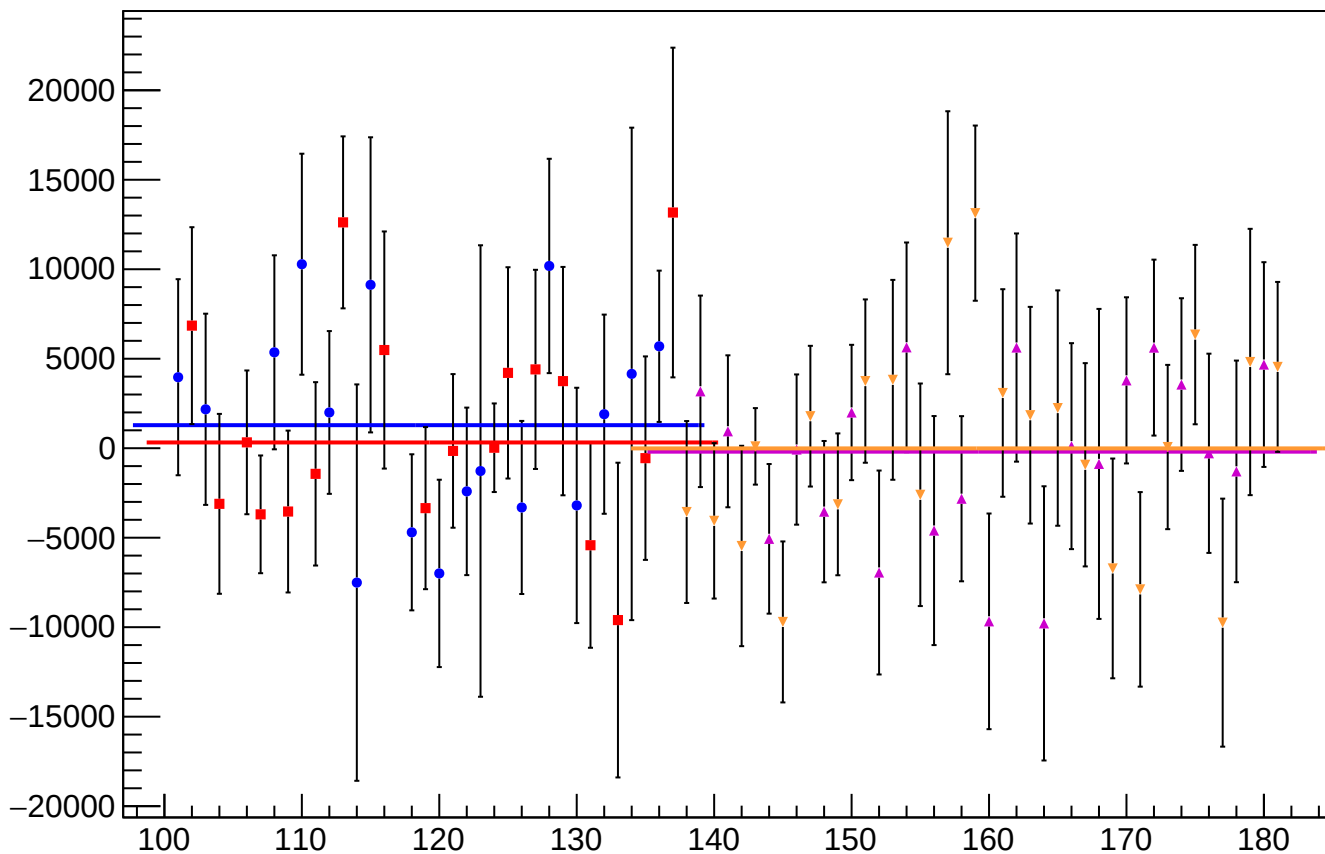
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

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

Out: 1346.909 $\pm$ 0.194 χ^2 /NDF: 579846.8/40

All: 1338.343 $\pm$ 0.138 χ^2 /NDF: 1132995.6/78

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: -10.355+/-985.998 χ^2/NDF : 27.5/22

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: -90.169+/-739.037 χ^2/NDF : 42.0/43

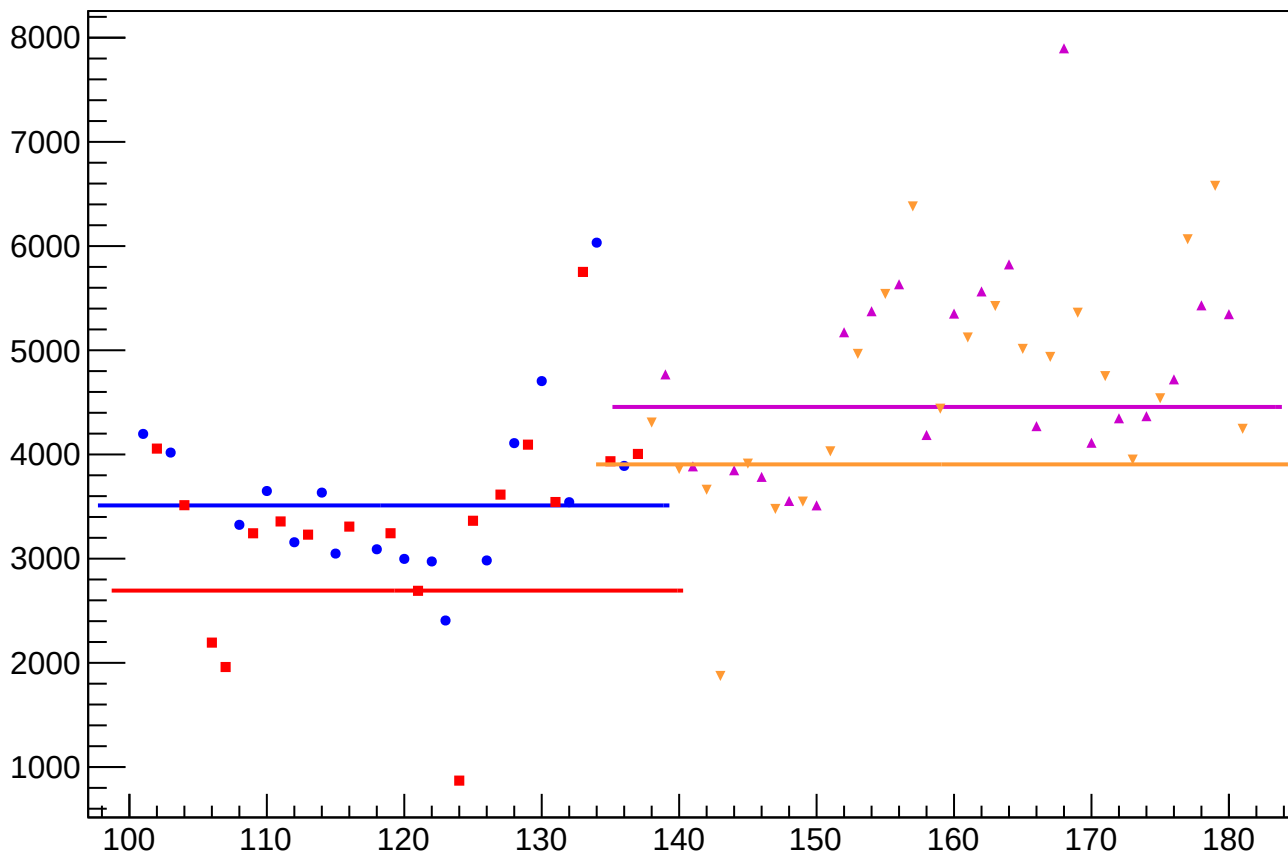
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: 136.665+/-735.865 χ^2/NDF : 45.1/40

All: 244.888+/-561.009 χ^2/NDF : 74.6/78

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: 3904.844 $\pm$ 0.697 χ^2 /NDF:3317208.3/22

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: 4146.413 $\pm$ 0.523 χ^2 /NDF: 4713807.3/43

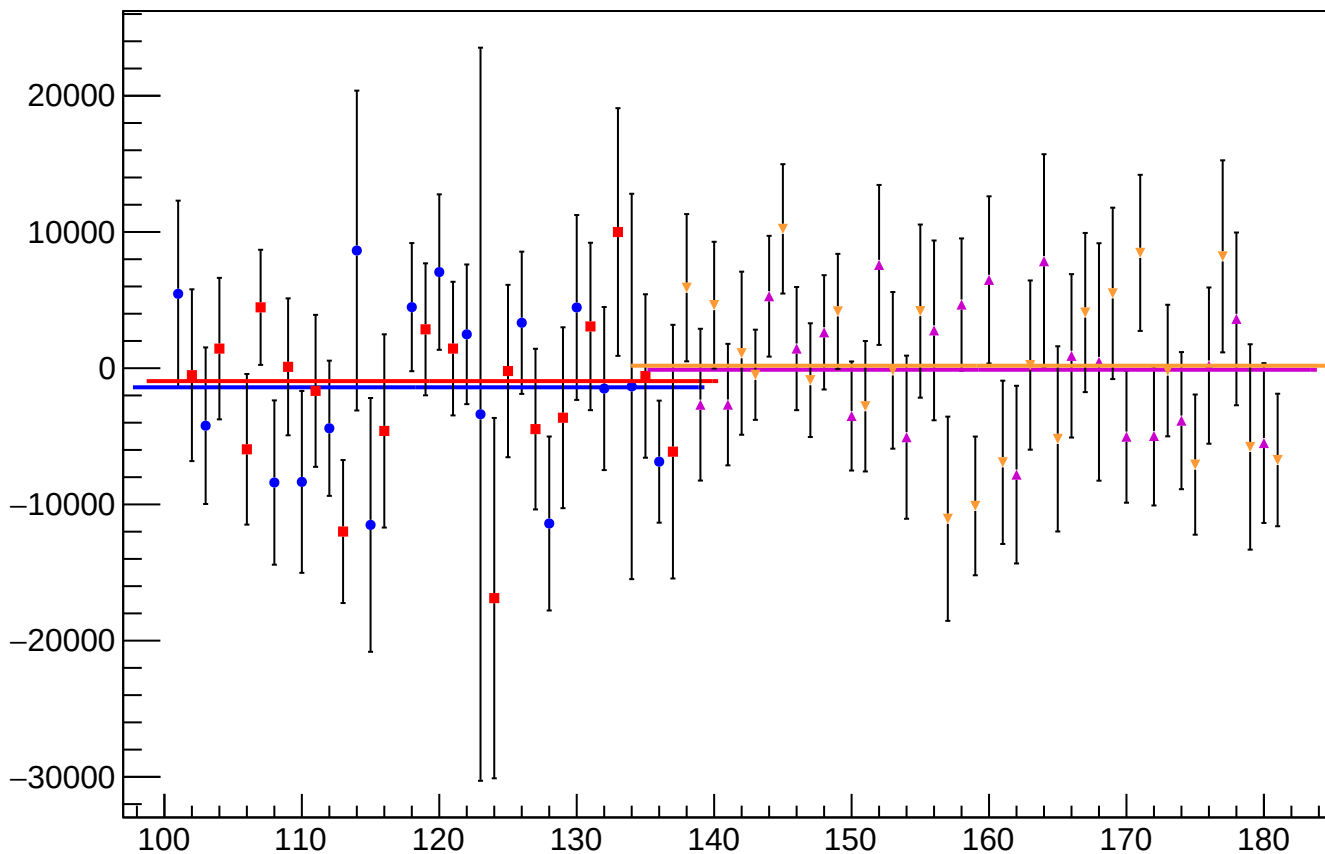
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

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

Out: 3368.204 $\pm$ 0.520 χ^2 /NDF:6780348.5/40

All: 3666.624 $\pm$ 0.397 χ^2 /NDF: 9601772.6/78

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 183.330 $\pm$ 1095.405 χ^2 /NDF:25.9/22

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

Left In: -113.600 $\pm$ 1165.804 χ^2 /NDF:14.1/20

Left: 44.101 $\pm$ 798.296 χ^2 /NDF: 40.0/43

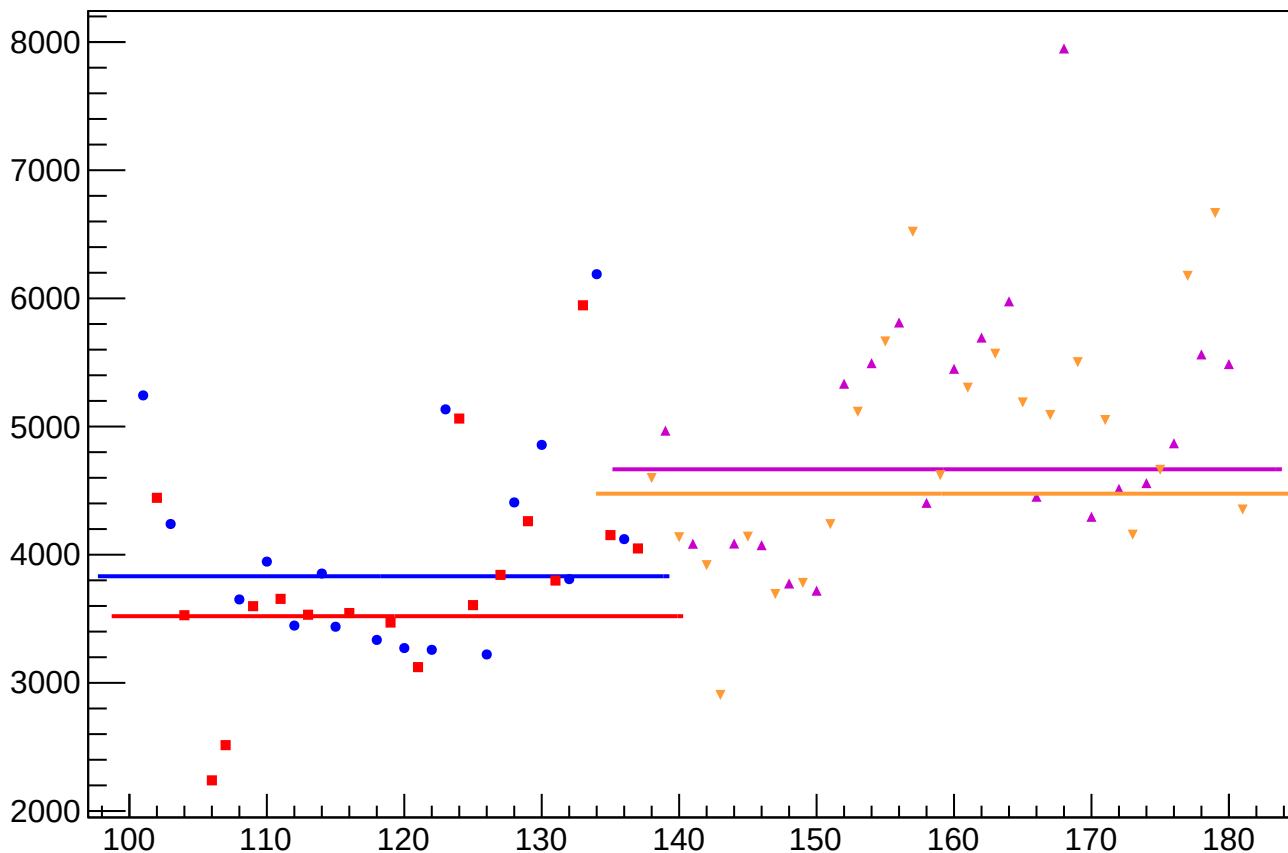
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -596.900 $\pm$ 921.443 χ^2 /NDF:30.4/37

Out: -252.896 $\pm$ 858.618 χ^2 /NDF:38.7/40

All: -412.772 $\pm$ 628.171 χ^2 /NDF: 69.2/78

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: 4476.129+/-0.775 χ^2/NDF :1378376.0/22

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: 4565.367+/-0.564 χ^2/NDF : 2367701.0/43

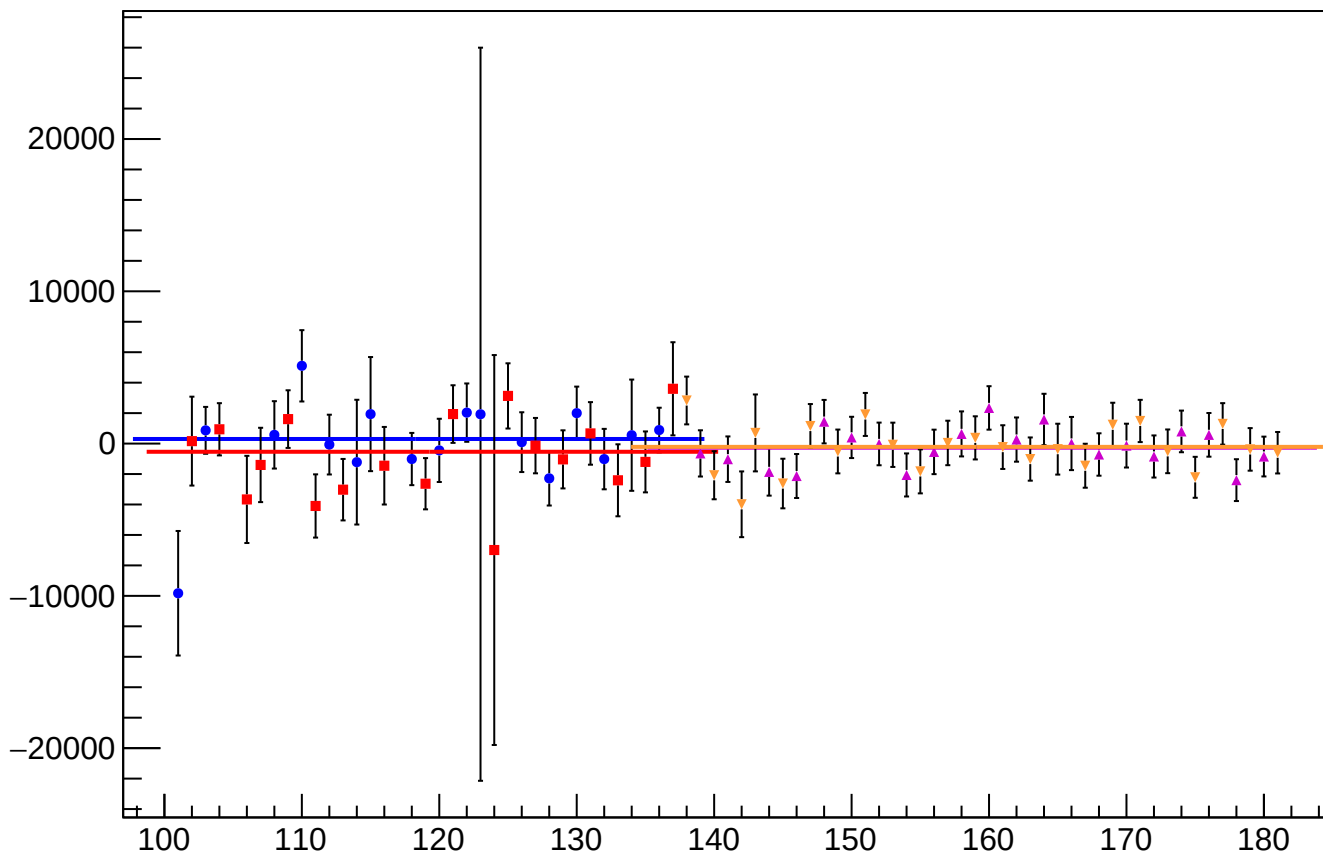
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

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

Out: 4103.350+/-0.605 χ^2/NDF :2516487.6/40

All: 4219.034+/-0.443 χ^2/NDF : 4278896.6/78

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: -215.583 $\pm$ 310.250 χ^2 /NDF:22.4/22

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: -242.446 $\pm$ 221.197 χ^2 /NDF: 37.7/43

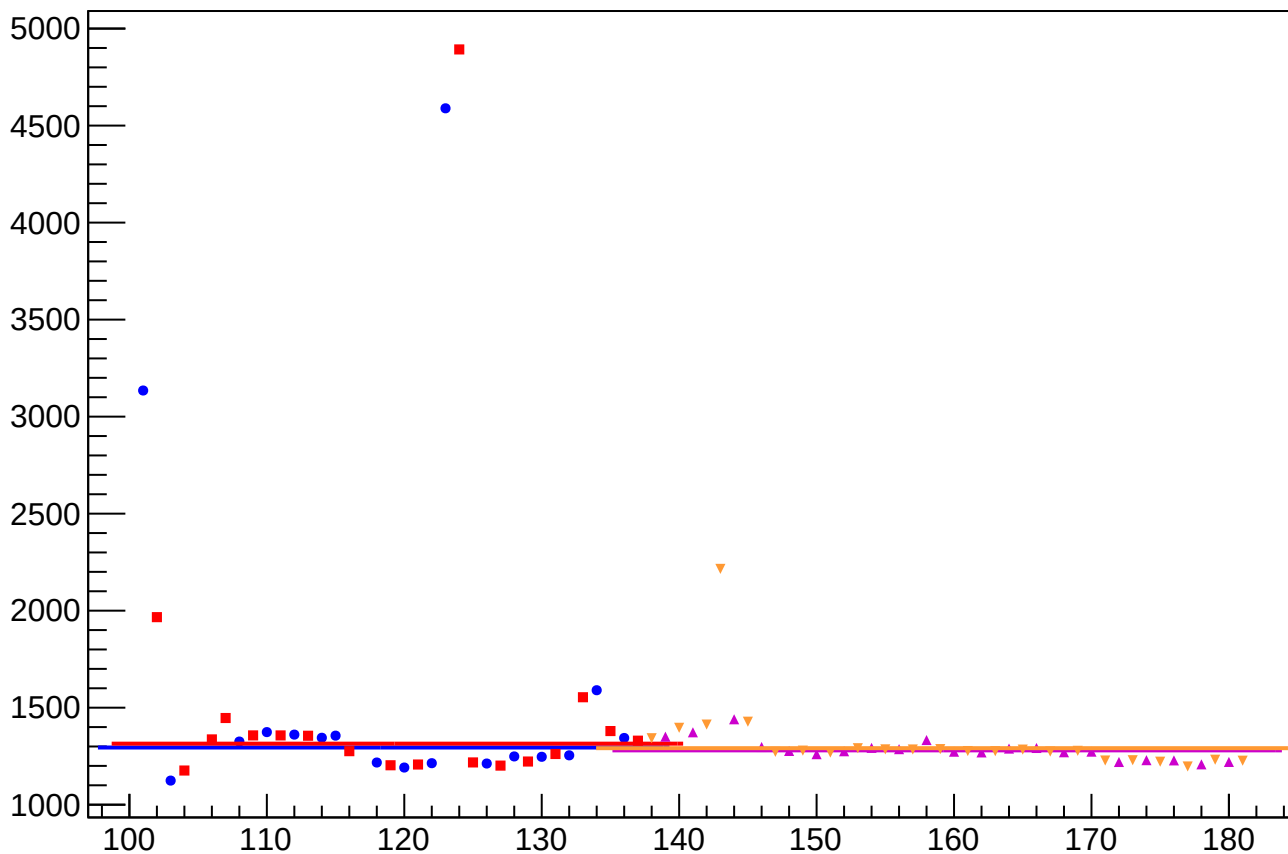
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

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

Out: -302.926 $\pm$ 264.872 χ^2 /NDF:40.1/40

All: -209.395 $\pm$ 188.629 χ^2 /NDF: 72.7/78

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1291.298 $\pm$ 0.219 χ^2 /NDF: 332123.1/22

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

Left In: 1280.064 $\pm$ 0.223 χ^2 /NDF: 55942.4/20

Left: 1285.775 $\pm$ 0.156 χ^2 /NDF: 389354.9/43

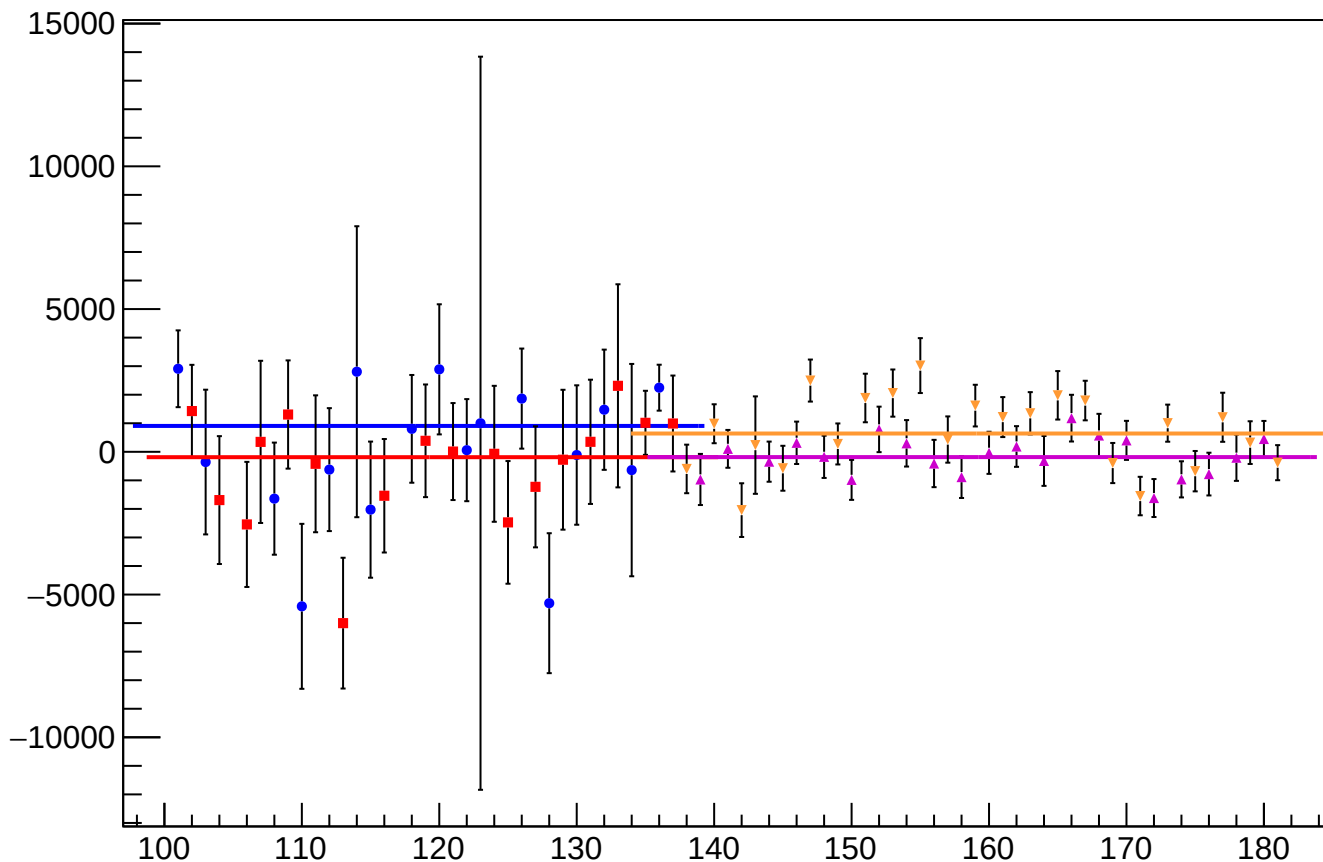
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1284.090 $\pm$ 0.190 χ^2 /NDF: 564932.9/37

Out: 1297.613 $\pm$ 0.187 χ^2 /NDF: 669017.5/40

All: 1290.948 $\pm$ 0.133 χ^2 /NDF: 1236519.9/78

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: 640.922 $\pm$ 159.214 χ^2 /NDF:59.4/22

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: 232.089 $\pm$ 113.132 χ^2 /NDF: 90.9/43

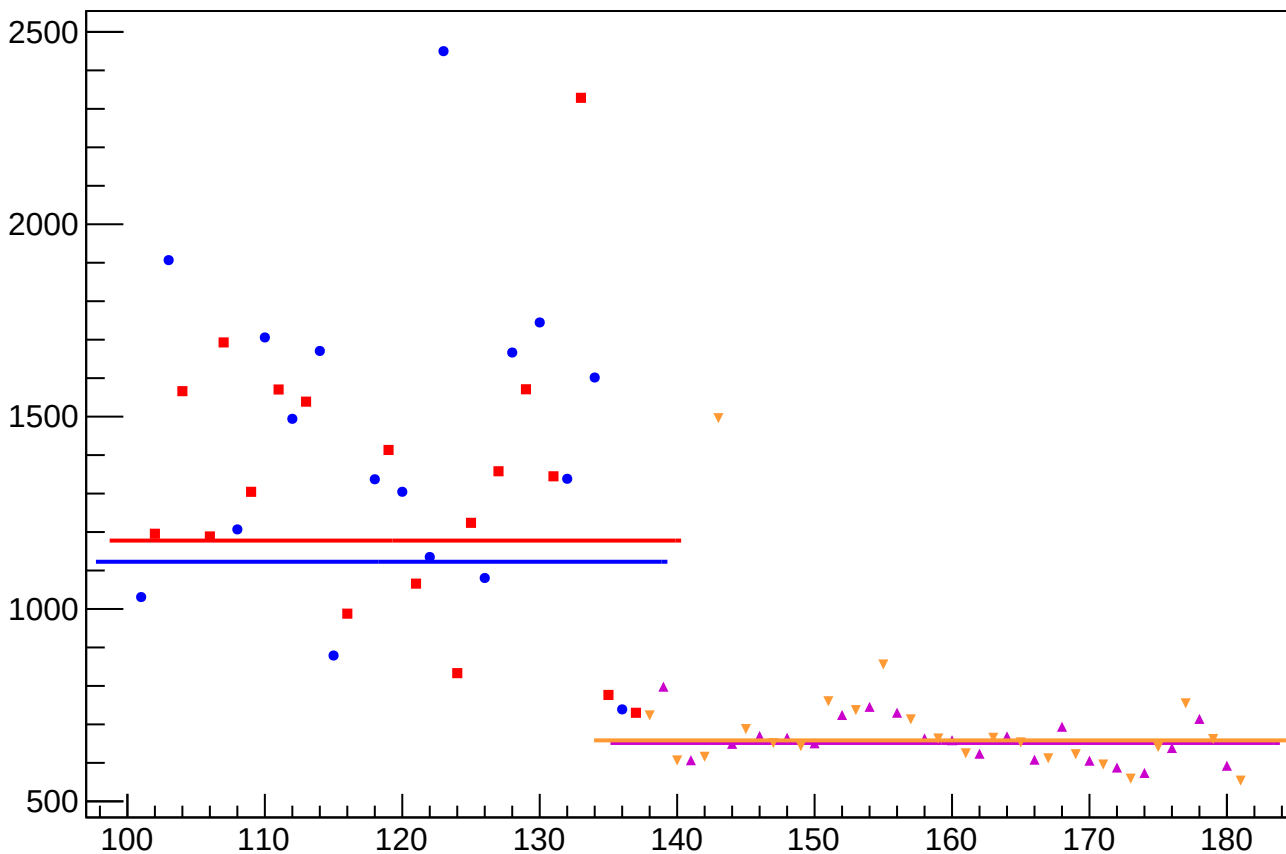
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -64.073 $\pm$ 151.628 χ^2 /NDF:45.3/37

Out: 553.768 $\pm$ 150.613 χ^2 /NDF:76.1/40

All: 246.922 $\pm$ 106.857 χ^2 /NDF: 129.8/78

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 658.449+/-0.113 χ^2/NDF : 820770.1/22

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

Left In: 651.771+/-0.114 χ^2/NDF : 229965.1/20

Left: 655.143+/-0.080 χ^2/NDF : 1052477.2/43

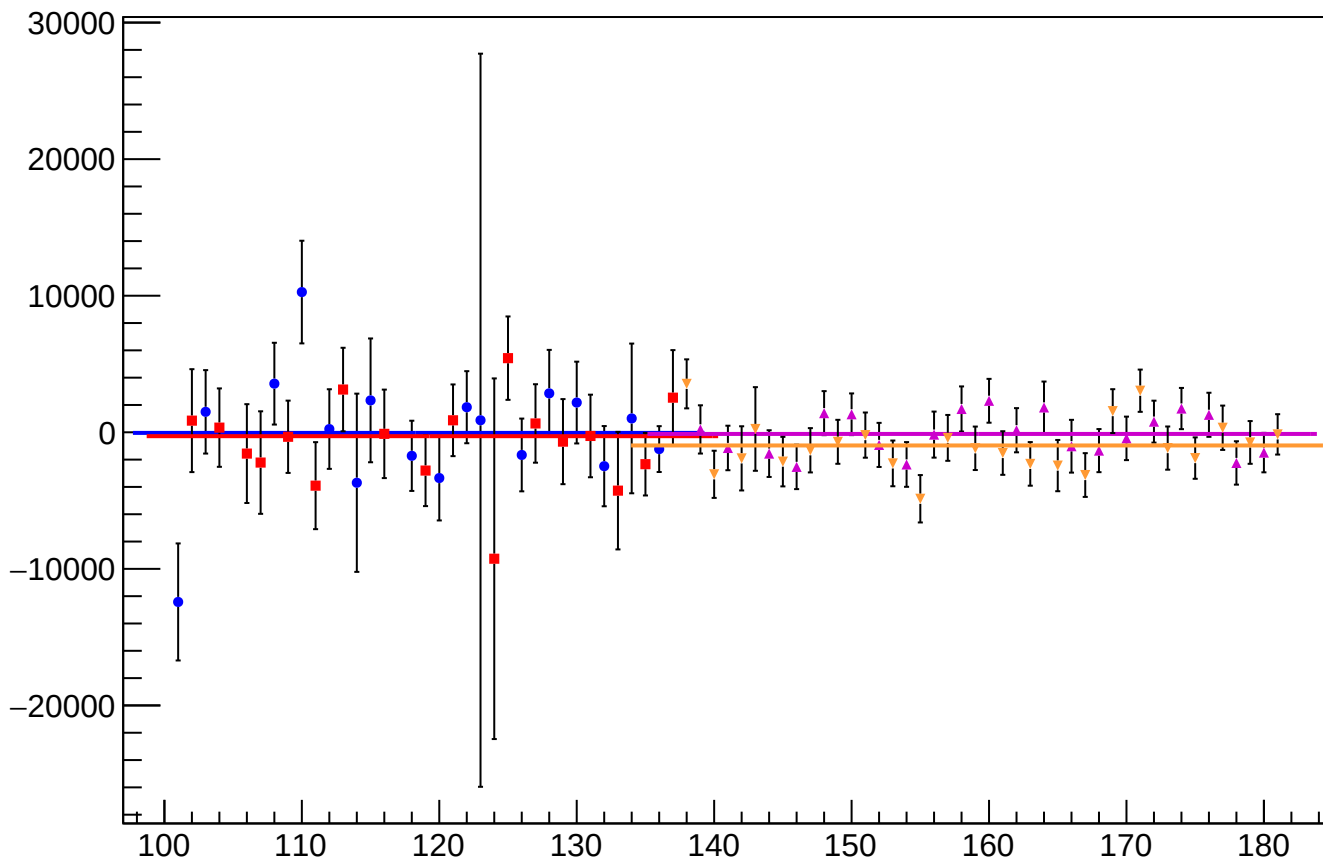
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 703.886+/-0.107 χ^2/NDF : 3316964.0/37

Out: 713.043+/-0.106 χ^2/NDF : 4079511.1/40

All: 708.495+/-0.076 χ^2/NDF : 7400147.0/78

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: -964.226 ± 350.214 χ^2/NDF : 28.4/22

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: -548.025 ± 249.268 χ^2/NDF : 49.3/43

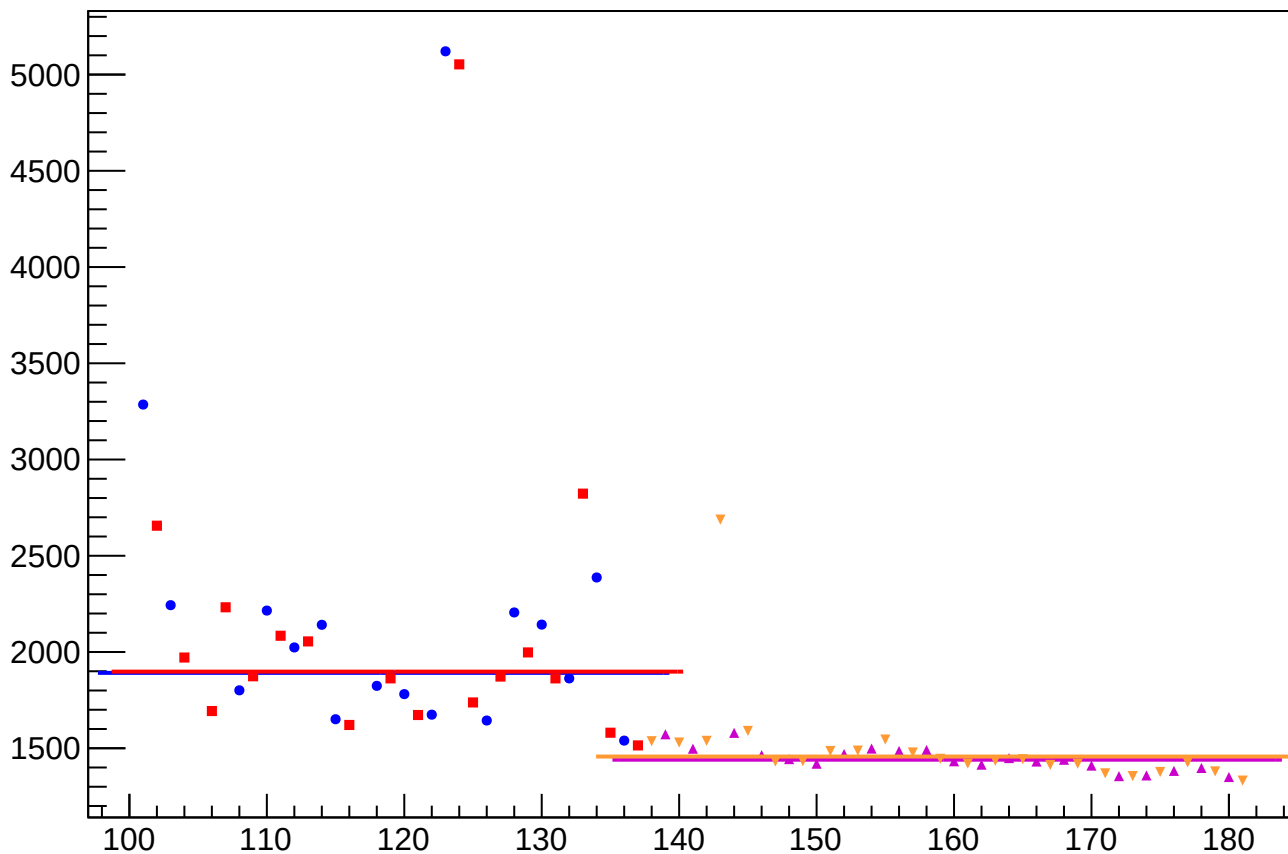
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -106.654 ± 320.584 χ^2/NDF : 41.2/37

Out: -838.728 ± 316.190 χ^2/NDF : 39.7/40

All: -477.742 ± 225.118 χ^2/NDF : 83.6/78

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: 1456.881 $\pm$ 0.248 χ^2 /NDF: 395770.2/22

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: 1448.833 $\pm$ 0.176 χ^2 /NDF: 457370.5/43

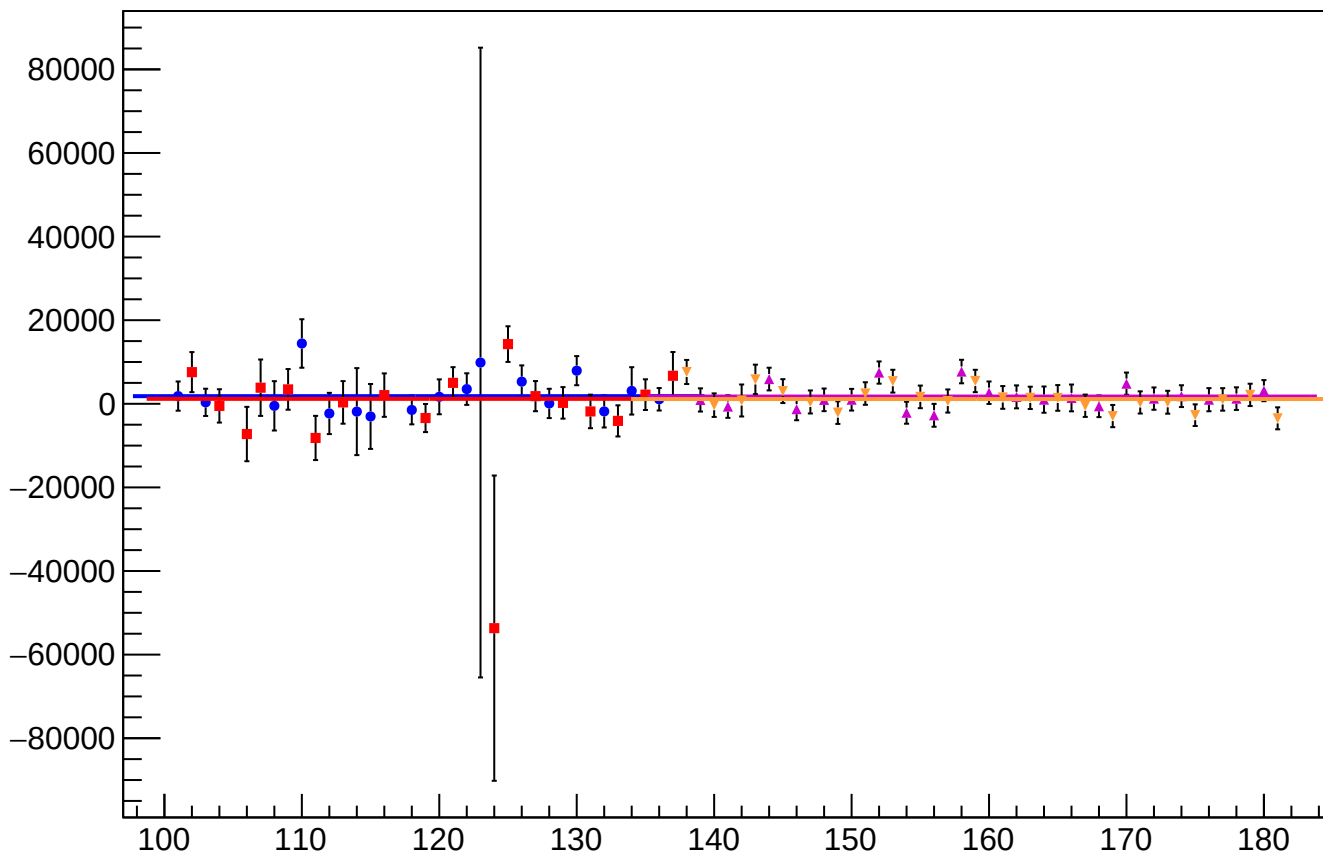
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1523.522 $\pm$ 0.227 χ^2 /NDF: 1122842.7/37

Out: 1538.434 $\pm$ 0.224 χ^2 /NDF: 1406092.6/40

All: 1531.081 $\pm$ 0.159 χ^2 /NDF: 2531128.6/78

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1138.094 $\pm$ 579.652 χ^2 /NDF:22.8/22

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: 1430.036 $\pm$ 414.464 χ^2 /NDF: 44.8/43

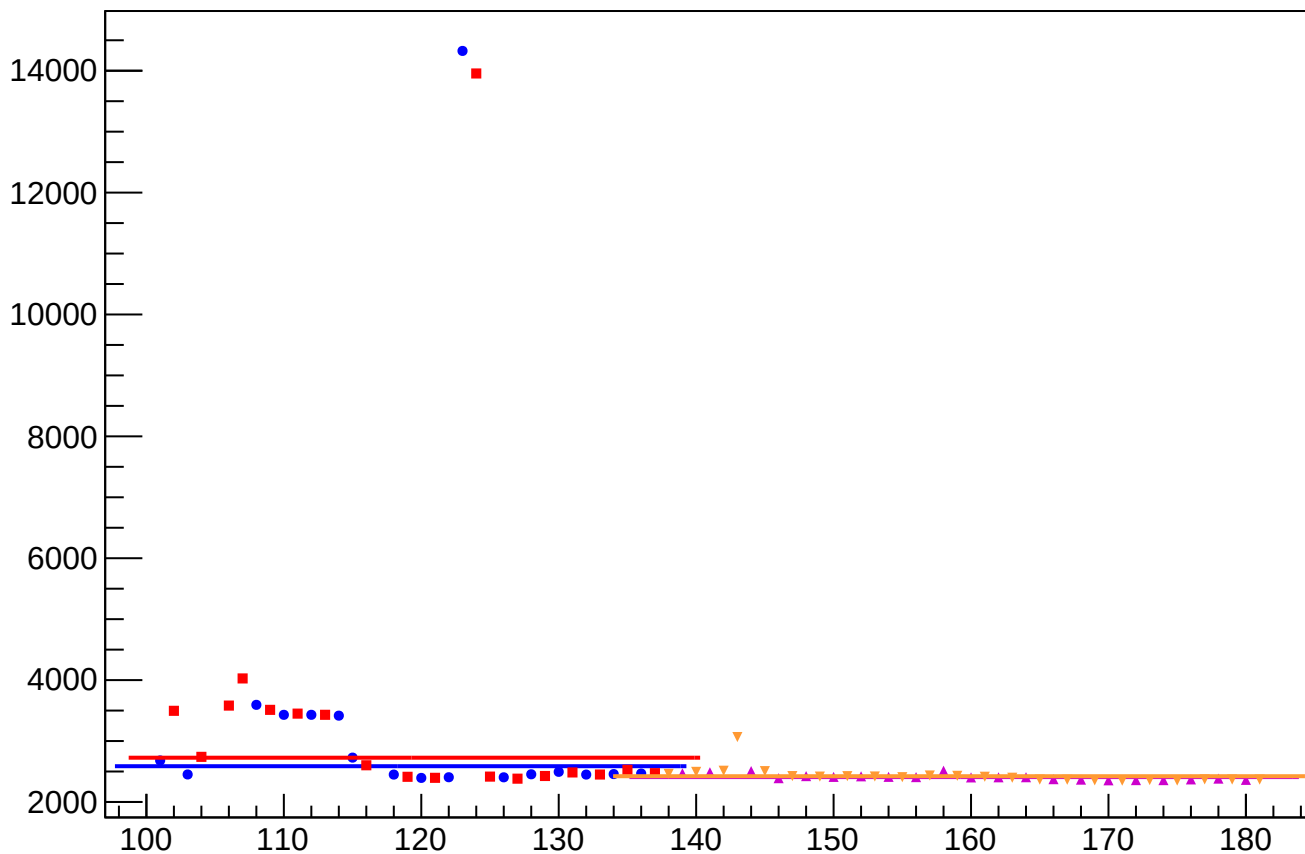
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1758.384 $\pm$ 511.301 χ^2 /NDF:34.1/37

Out: 1148.538 $\pm$ 507.452 χ^2 /NDF:48.2/40

All: 1451.158 $\pm$ 360.176 χ^2 /NDF: 83.0/78

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2422.736+/-0.410 χ^2/NDF : 81027.3/22

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: 2415.770+/-0.293 χ^2/NDF : 94155.9/43

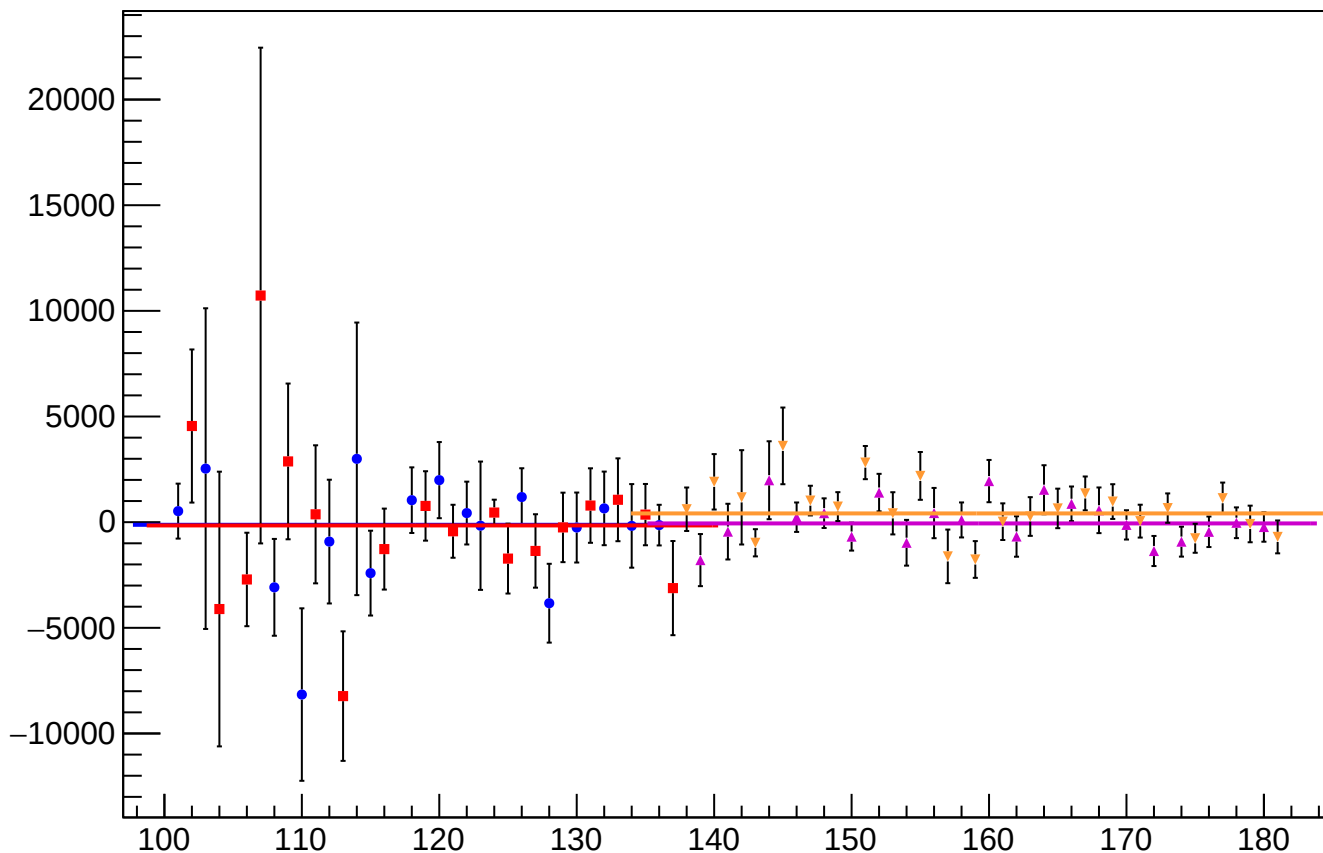
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2454.212+/-0.362 χ^2/NDF : 313097.1/37

Out: 2493.685+/-0.359 χ^2/NDF : 790145.3/40

All: 2474.098+/-0.255 χ^2/NDF : 1109247.5/78

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2 /NDF: 14.7/16

Left Out: 414.329 $\pm$ 178.641 χ^2 /NDF:39.7/22

Right Out: -154.579 $\pm$ 380.922 χ^2 /NDF: 17.6/17

Left In: -59.015 $\pm$ 184.783 χ^2 /NDF:21.6/20

Left: 185.654 $\pm$ 128.435 χ^2 /NDF: 64.7/43

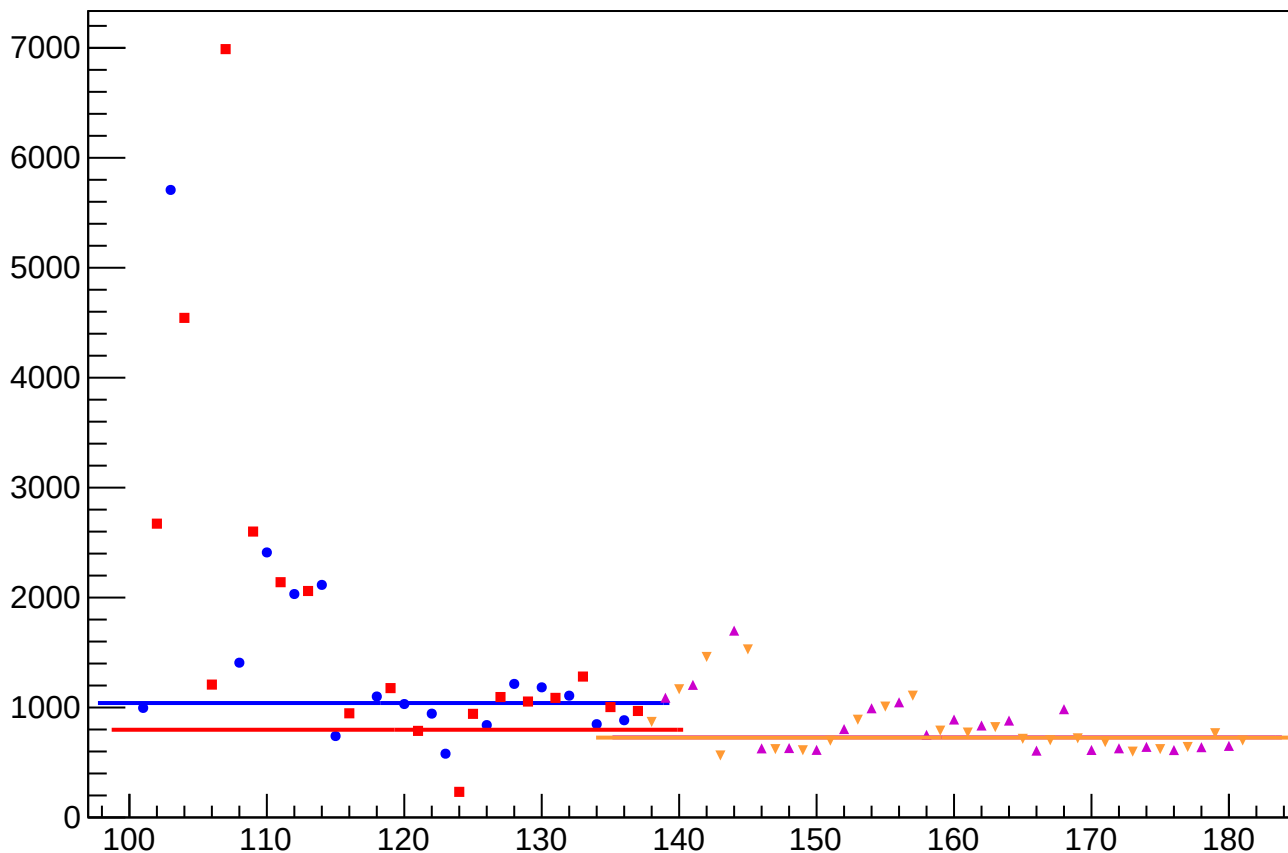
Right: -141.367 $\pm$ 285.354 χ^2 /NDF: 32.3/34

In: -69.188 $\pm$ 169.818 χ^2 /NDF:36.3/37

Out: 311.764 $\pm$ 161.739 χ^2 /NDF:59.0/40

All: 130.565 $\pm$ 117.119 χ^2 /NDF: 98.0/78

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 726.237+/-0.126 χ^2/NDF : 1652738.2/22

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 728.344+/-0.131 χ^2/NDF : 1903945.1/20

Left: 727.255+/-0.091 χ^2/NDF : 3556817.7/43

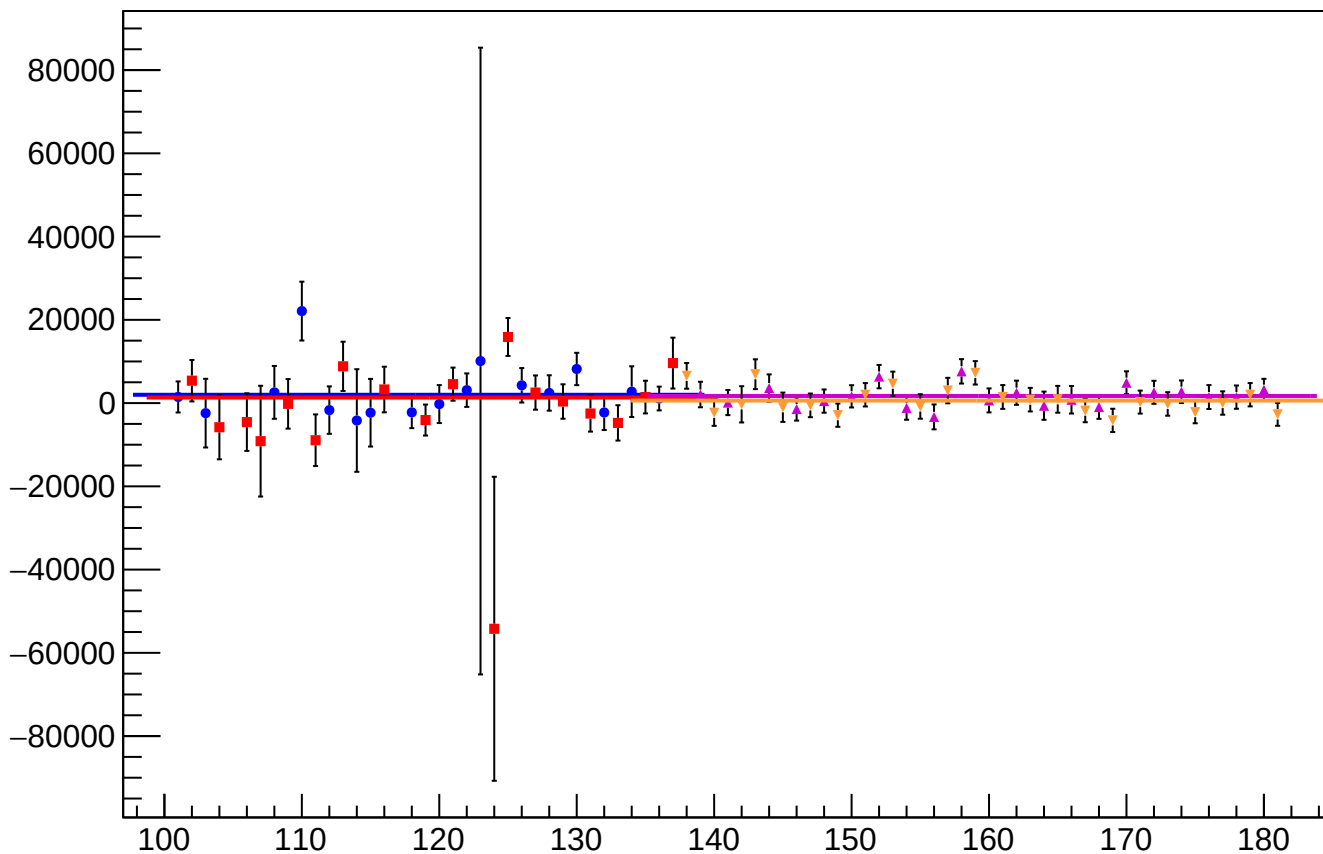
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 776.898+/-0.120 χ^2/NDF : 4365502.8/37

Out: 739.126+/-0.114 χ^2/NDF : 6884822.8/40

All: 757.092+/-0.083 χ^2/NDF : 11302209.6/78

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 605.586+/-614.588 χ^2/NDF : 25.0/22

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: 1145.114+/-439.783 χ^2/NDF : 42.9/43

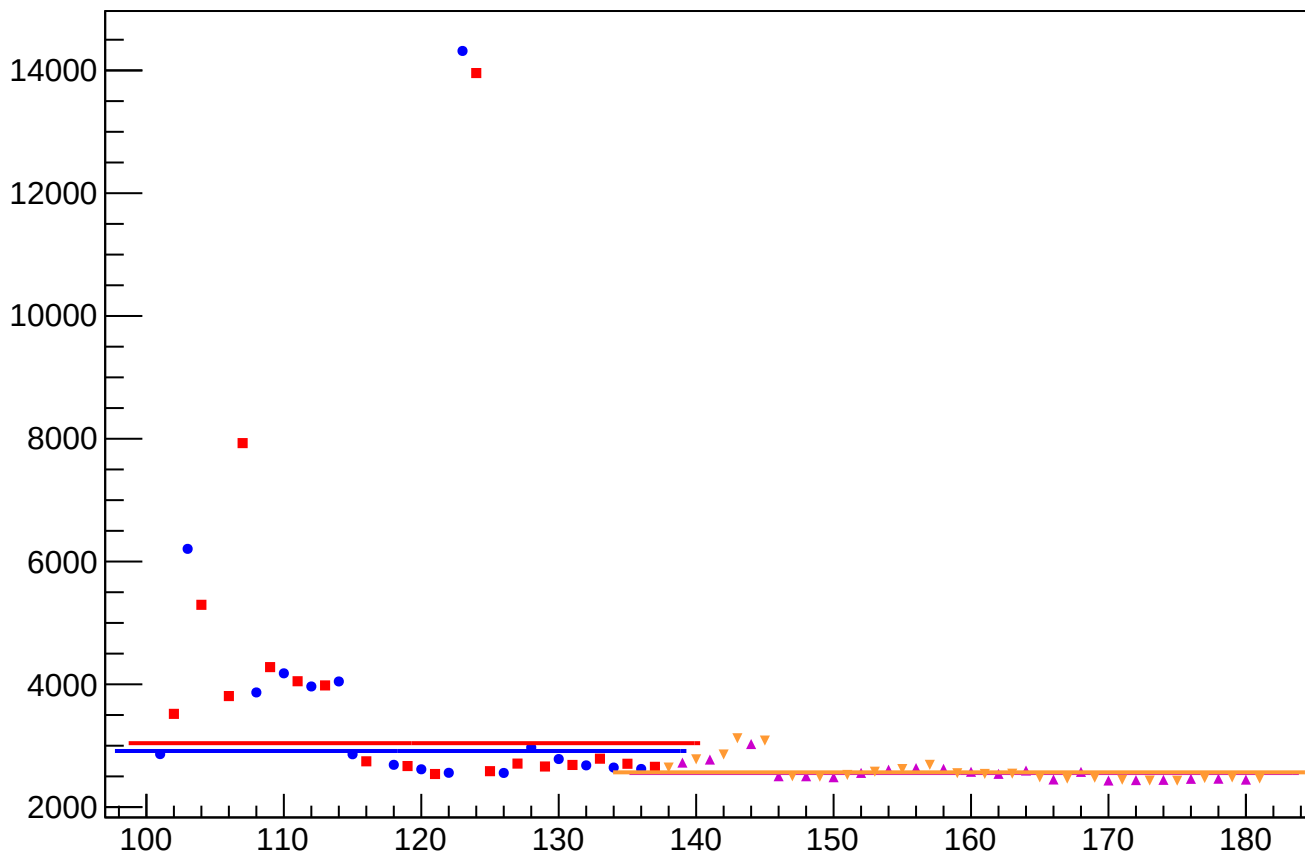
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1776.555+/-552.794 χ^2/NDF : 31.3/37

Out: 758.760+/-546.421 χ^2/NDF : 52.8/40

All: 1261.756+/-388.612 χ^2/NDF : 85.8/78

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2566.138+/-0.435 χ^2/NDF : 143593.7/22

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: 2560.536+/-0.311 χ^2/NDF : 229201.3/43

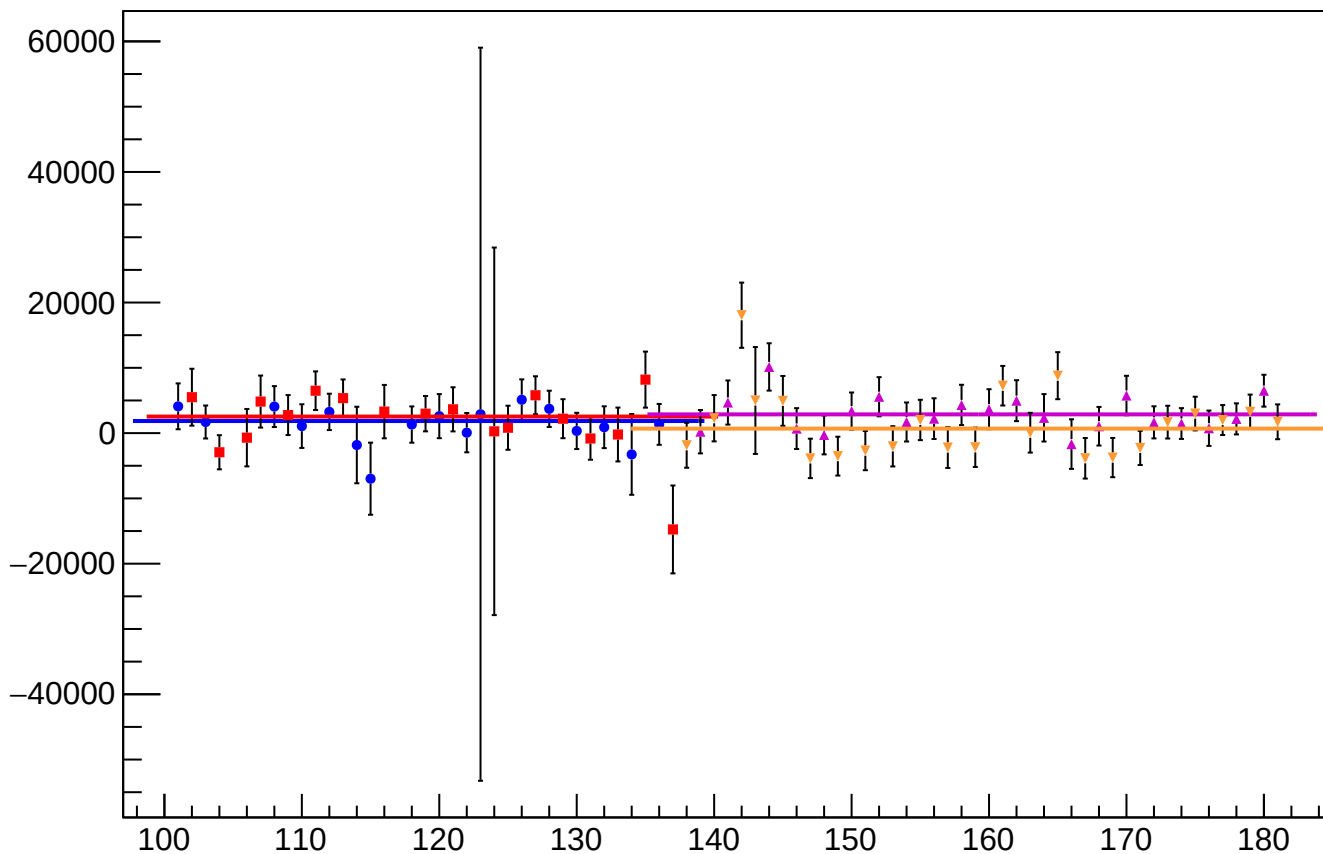
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2636.934+/-0.391 χ^2/NDF : 873384.0/37

Out: 2665.683+/-0.386 χ^2/NDF : 1397588.8/40

All: 2651.475+/-0.275 χ^2/NDF : 2273708.9/78

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093±/-806.760 χ^2/NDF : 7.3/16

Left Out: 690.860±/-634.890 χ^2/NDF :40.4/22

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: 1768.952±/-451.425 χ^2/NDF : 60.8/43

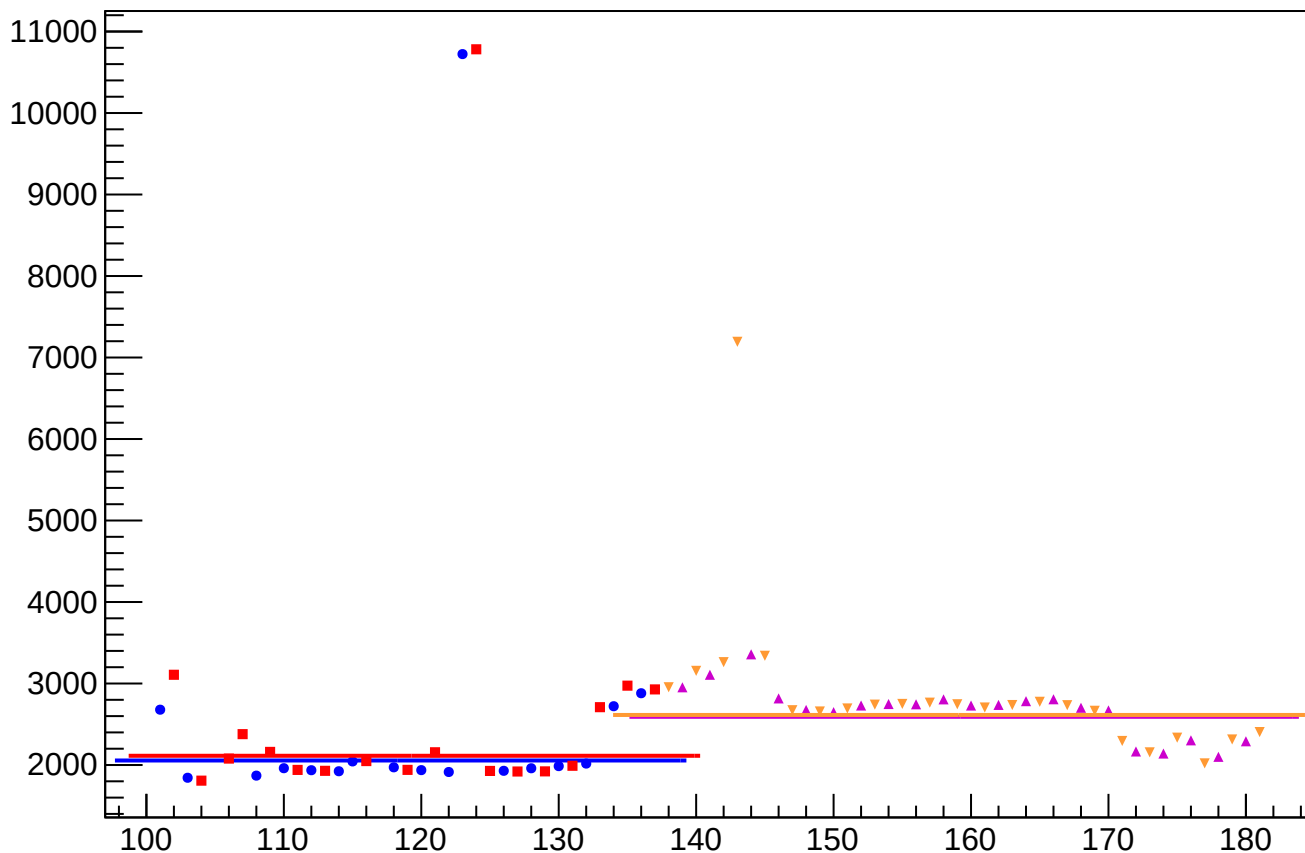
Right: 2187.336±/-574.855 χ^2/NDF : 27.6/34

In: 2475.357±/-502.348 χ^2/NDF :22.8/37

Out: 1382.808±/-501.852 χ^2/NDF :63.6/40

All: 1928.543±/-355.038 χ^2/NDF : 88.8/78

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2614.131+/-0.449 χ^2/NDF :1120907.0/22

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2591.370+/-0.454 χ^2/NDF :492448.1/20

Left: 2602.877+/-0.319 χ^2/NDF : 1614626.0/43

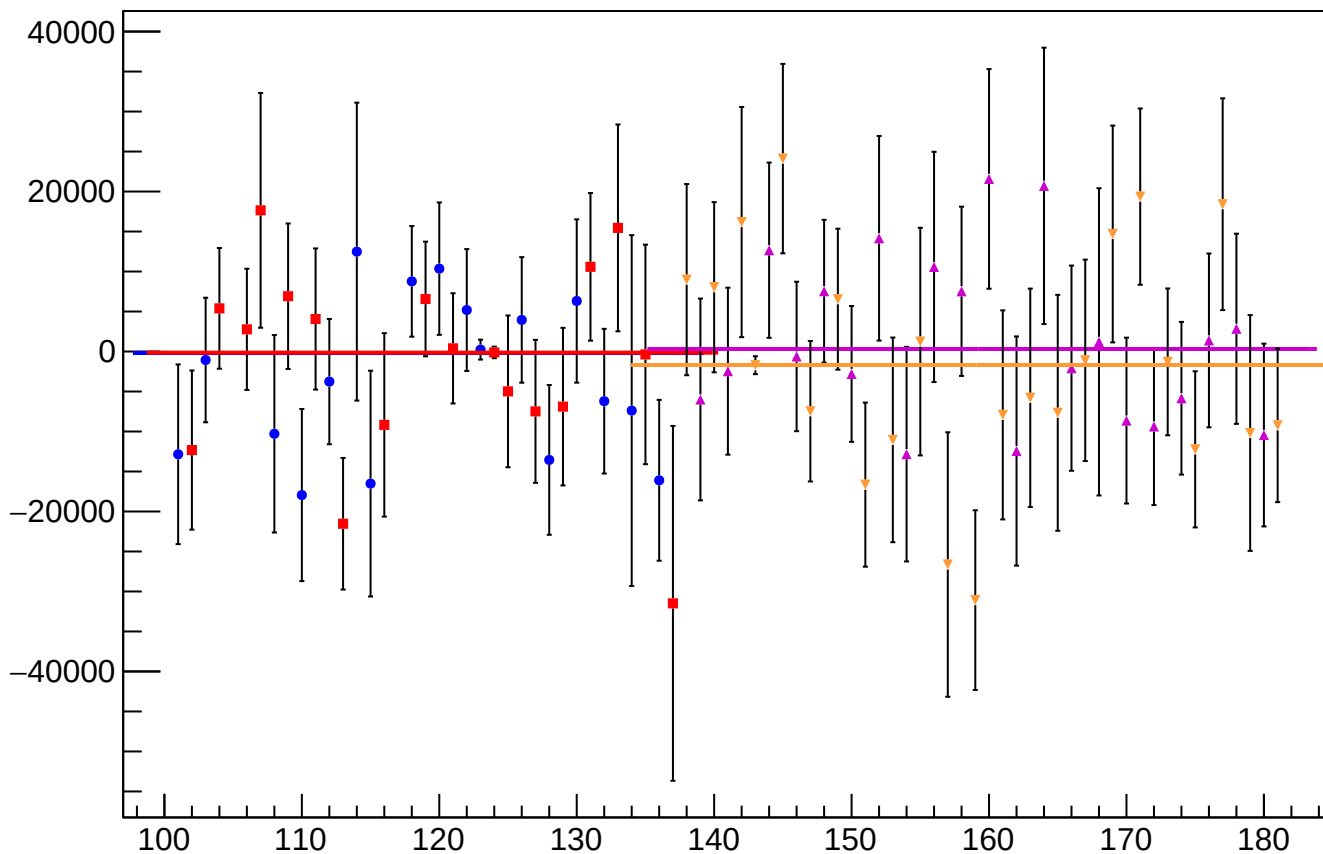
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2383.581+/-0.355 χ^2/NDF :1349208.1/37

Out: 2425.877+/-0.355 χ^2/NDF :2120717.9/40

All: 2404.762+/-0.251 χ^2/NDF : 3477026.1/78

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1686.688 $\pm$ 1021.116 χ^2/NDF : 31.1/22

Right Out: -141.935 $\pm$ 690.979 χ^2/NDF : 19.0/17

Left In: 316.656 $\pm$ 2474.771 χ^2/NDF : 13.2/20

Left: -1395.242 $\pm$ 943.922 χ^2/NDF : 44.8/43

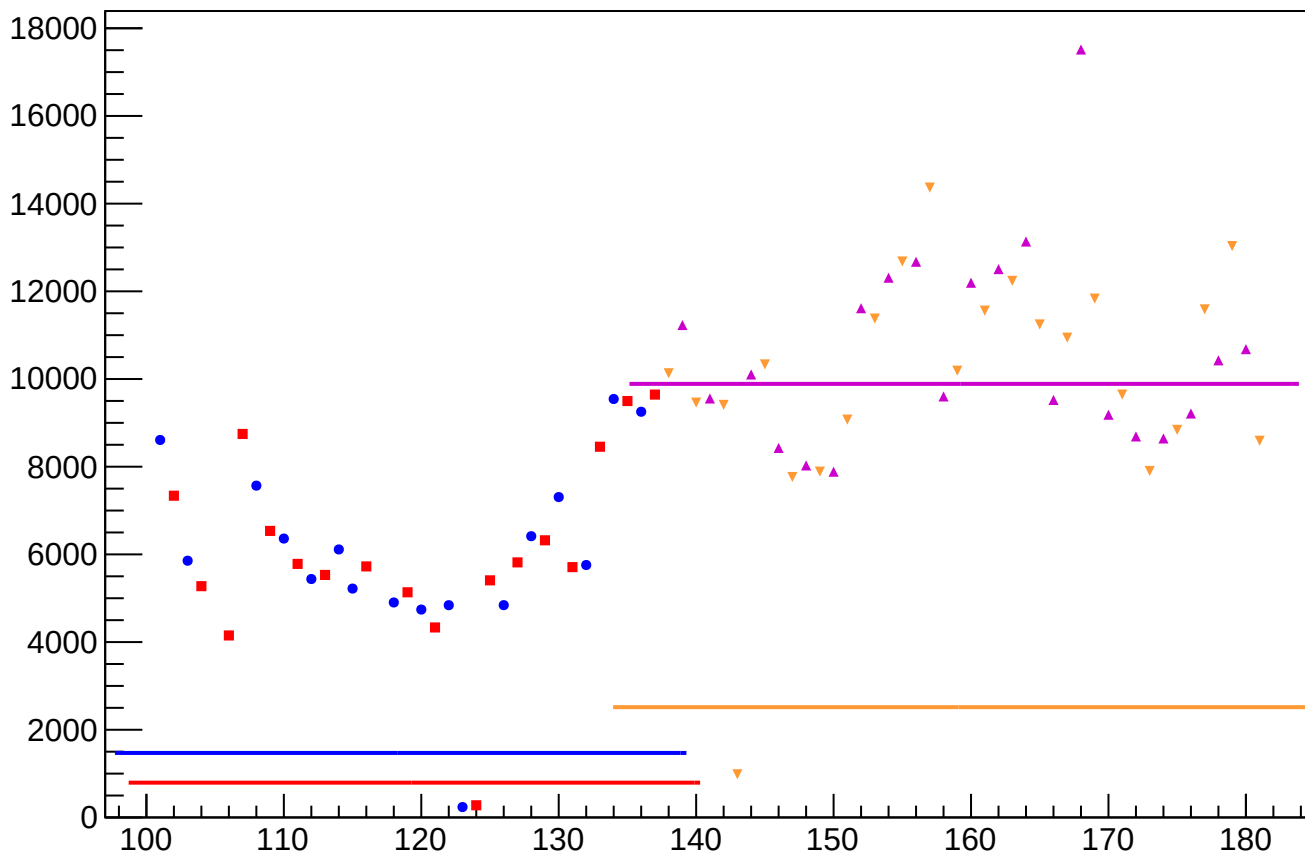
Right: -154.177 $\pm$ 585.233 χ^2/NDF : 35.3/34

In: -102.347 $\pm$ 1005.772 χ^2/NDF : 29.6/37

Out: -627.121 $\pm$ 572.268 χ^2/NDF : 51.6/40

All: -498.779 $\pm$ 497.391 χ^2/NDF : 81.4/78

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2515.611+/-0.722 χ^2/NDF : 22575355.7/22

Right Out: 793.659+/-0.489 χ^2/NDF : 11422584.5/17

Left In: 9889.153+/-1.750 χ^2/NDF : 1055866.8/20

Left: 3588.311+/-0.667 χ^2/NDF : 38802939.1/43

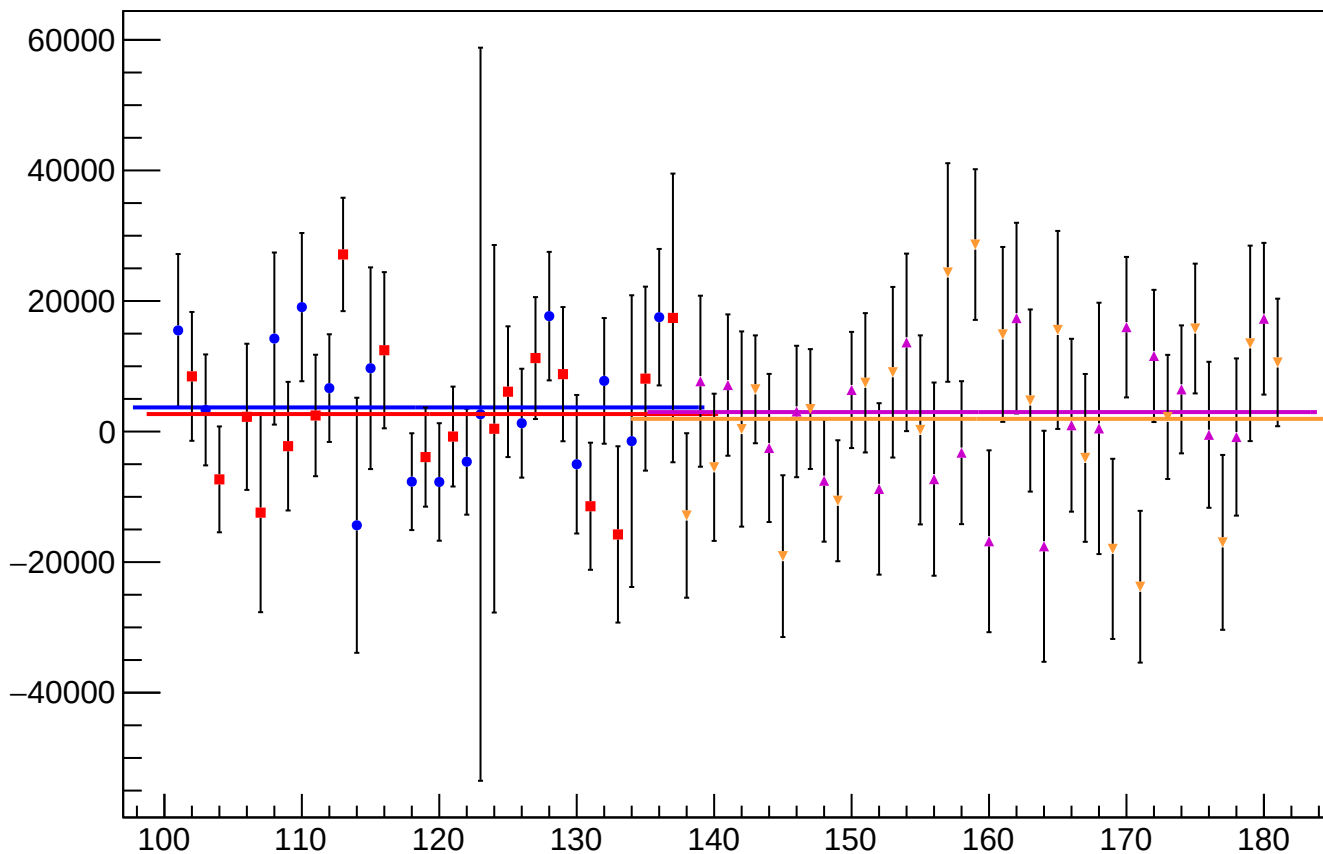
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2861.928+/-0.711 χ^2/NDF : 30160658.6/37

Out: 1334.501+/-0.405 χ^2/NDF : 37899077.8/40

All: 1708.058+/-0.352 χ^2/NDF : 71544296.8/71

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 1944.007+/-2430.803 χ^2/NDF : 28.9/22

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: 2436.566+/-1762.338 χ^2/NDF : 41.5/43

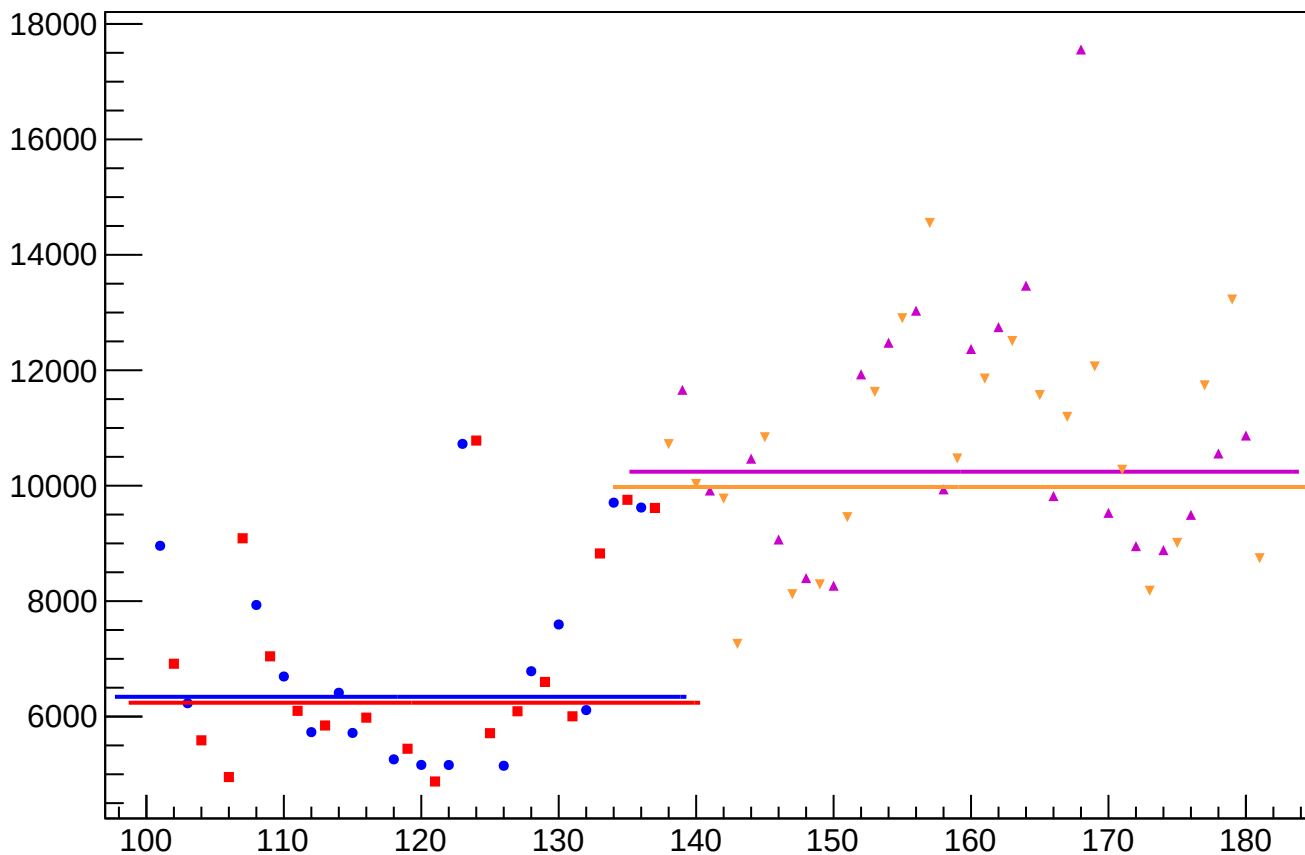
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3346.150+/-1794.714 χ^2/NDF : 27.0/37

Out: 2312.071+/-1718.075 χ^2/NDF : 47.4/40

All: 2806.560+/-1241.072 χ^2/NDF : 74.6/78

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9976.890+/-1.719 χ^2/NDF : 1095847.4/22

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: 10102.778+/-1.246 χ^2/NDF : 2054830.5/43

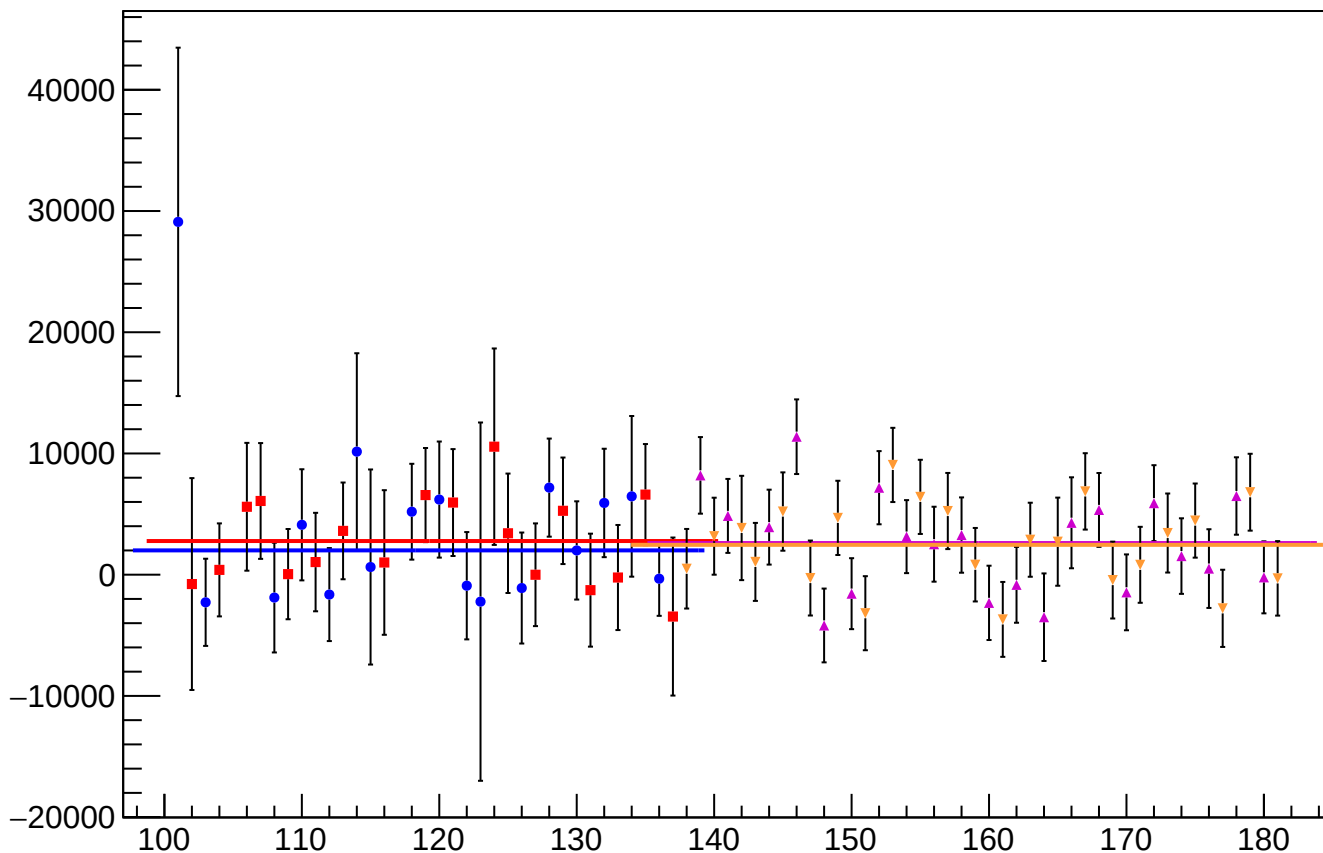
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8260.938+/-1.269 χ^2/NDF : 3901742.3/37

Out: 8106.563+/-1.215 χ^2/NDF : 3990955.4/40

All: 8180.383+/-0.878 χ^2/NDF : 7900419.4/78

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2463.441 $\pm$ 662.928 χ^2 /NDF:26.5/22

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: 2533.505 $\pm$ 475.450 χ^2 /NDF: 61.3/43

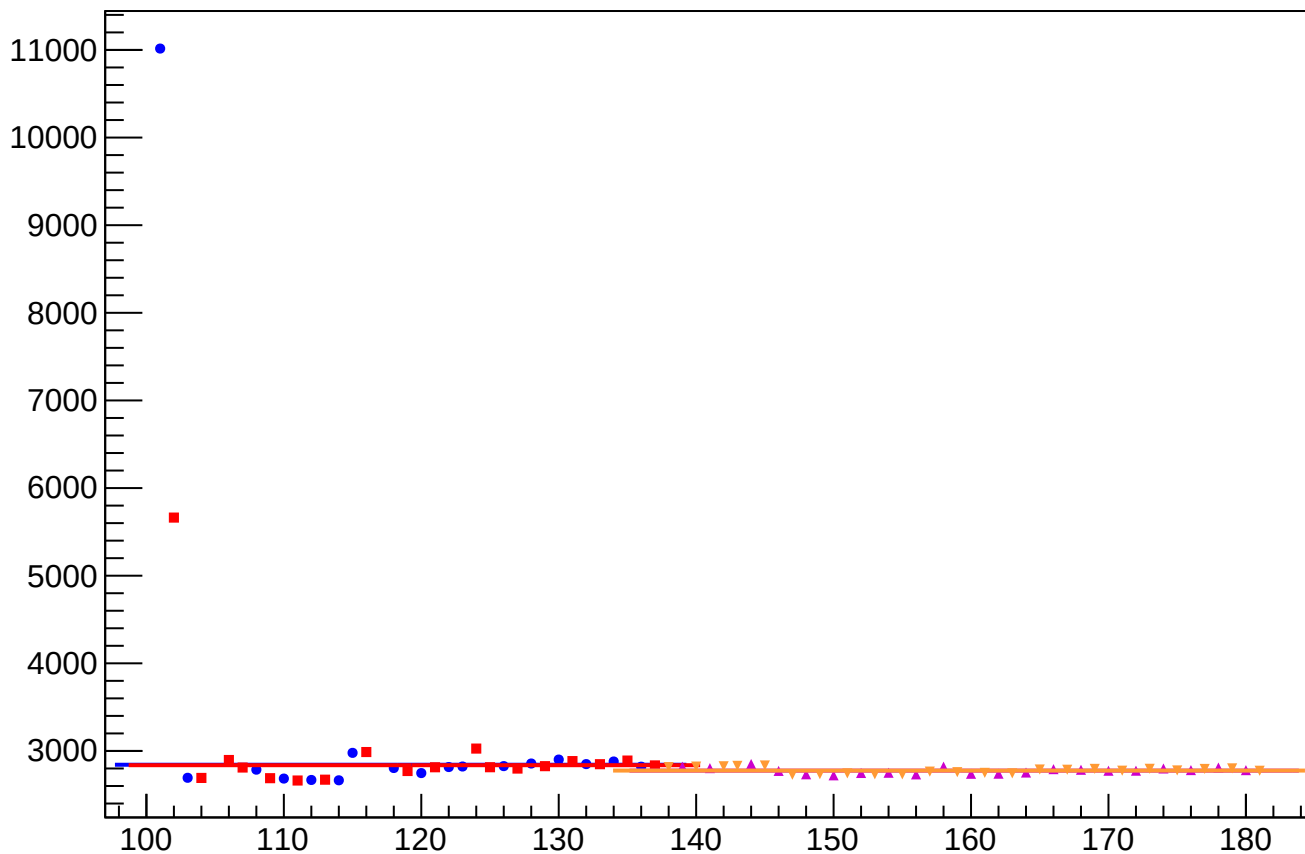
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2445.629 $\pm$ 583.429 χ^2 /NDF:48.6/37

Out: 2548.210 $\pm$ 565.951 χ^2 /NDF:34.9/40

All: 2498.479 $\pm$ 406.226 χ^2 /NDF: 83.6/78

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2776.096+/-0.469 χ^2/NDF : 4879.6/22

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: 2775.674+/-0.336 χ^2/NDF : 9848.8/43

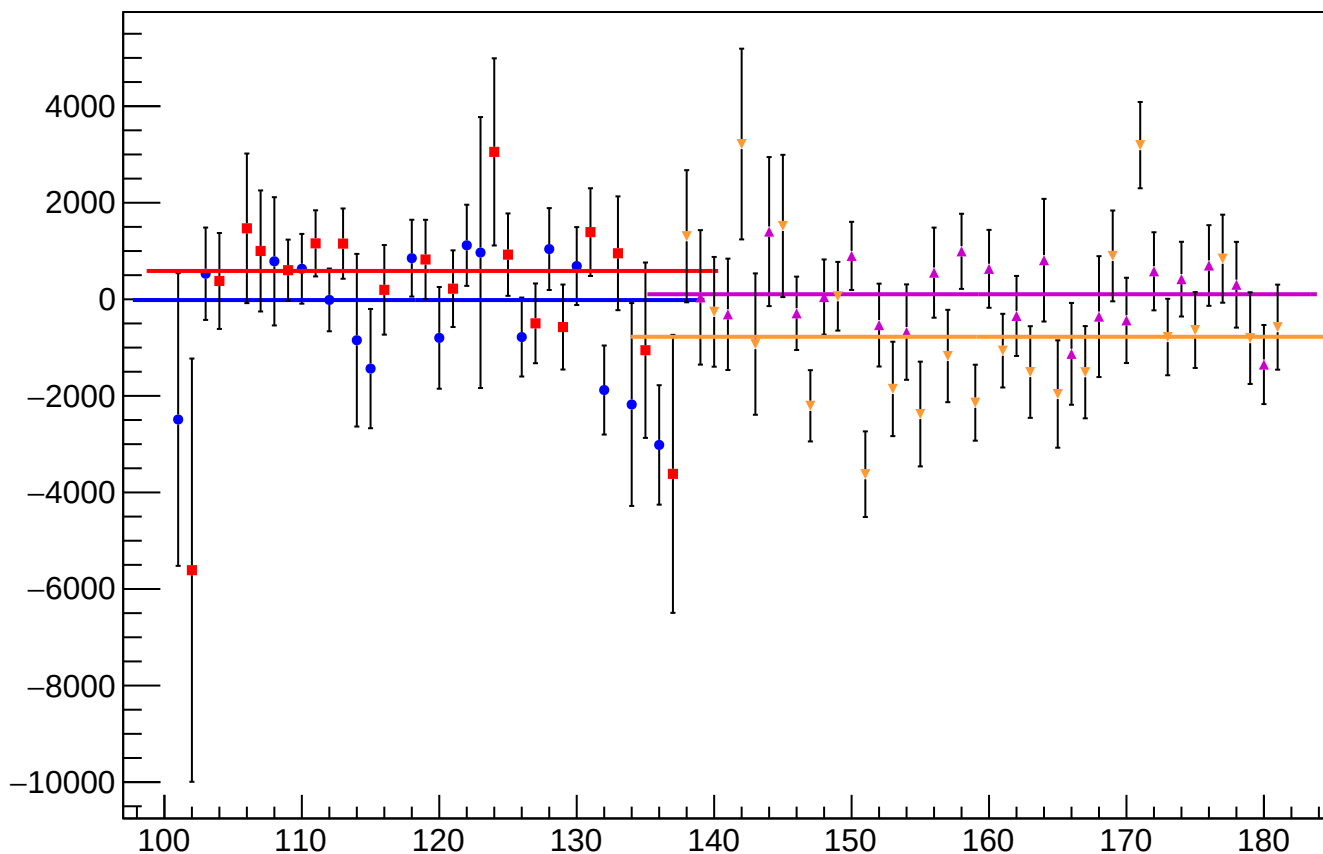
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.340+/-0.413 χ^2/NDF : 670518.3/37

Out: 2792.731+/-0.400 χ^2/NDF : 235945.4/40

All: 2793.026+/-0.287 χ^2/NDF : 906464.8/78

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -776.338 ± 195.698 $\chi^2/\text{NDF}: 59.7/22$

Right Out: 587.609 ± 225.811 $\chi^2/\text{NDF}: 13.3/17$

Left In: 104.960 ± 195.814 $\chi^2/\text{NDF}: 12.2/20$

Left: -335.950 ± 138.420 $\chi^2/\text{NDF}: 82.0/43$

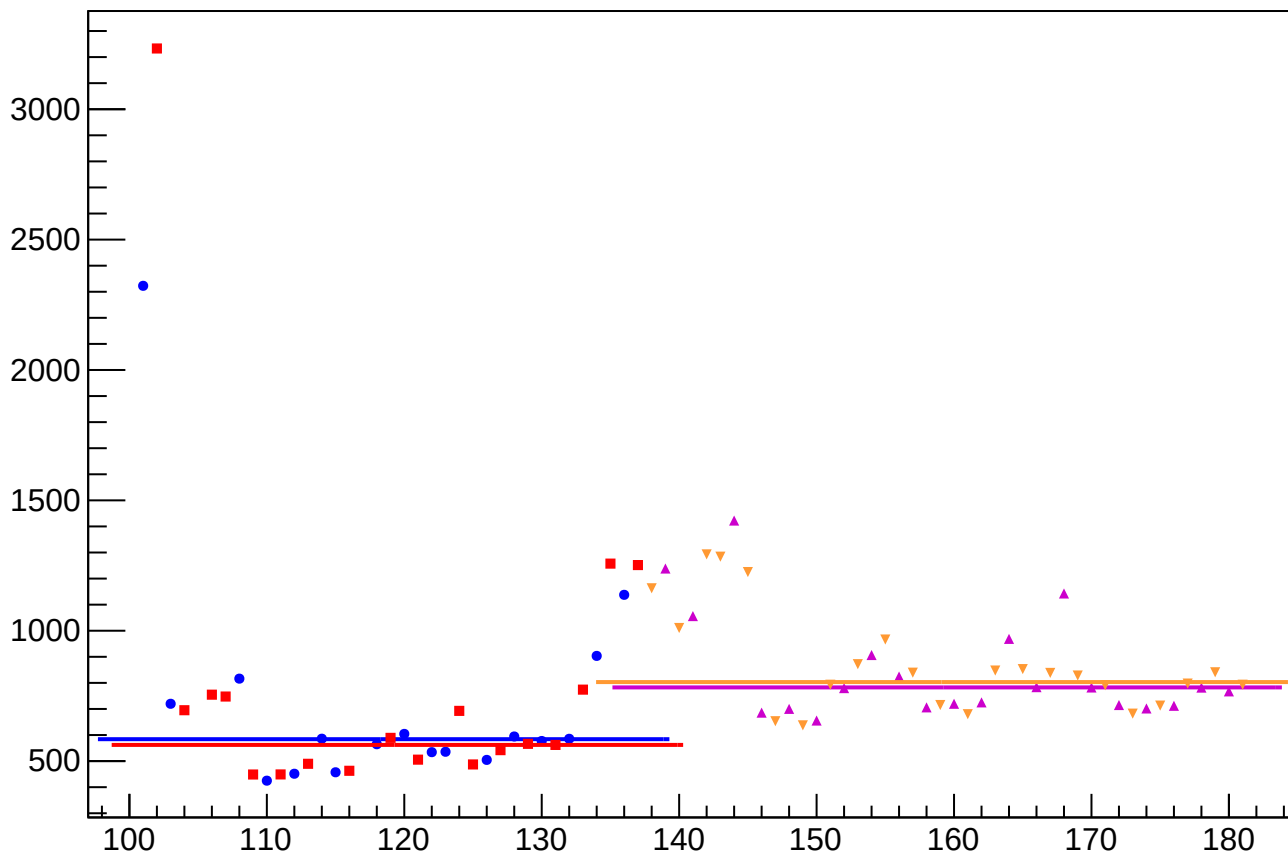
Right: 302.919 ± 164.093 $\chi^2/\text{NDF}: 38.3/34$

In: 56.491 ± 151.433 $\chi^2/\text{NDF}: 34.0/37$

Out: -191.311 ± 147.889 $\chi^2/\text{NDF}: 93.8/40$

All: -70.344 ± 105.804 $\chi^2/\text{NDF}: 129.2/78$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.106+/-0.138 χ^2/NDF : 1123967.2/22

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: 792.867+/-0.098 χ^2/NDF : 2261053.5/43

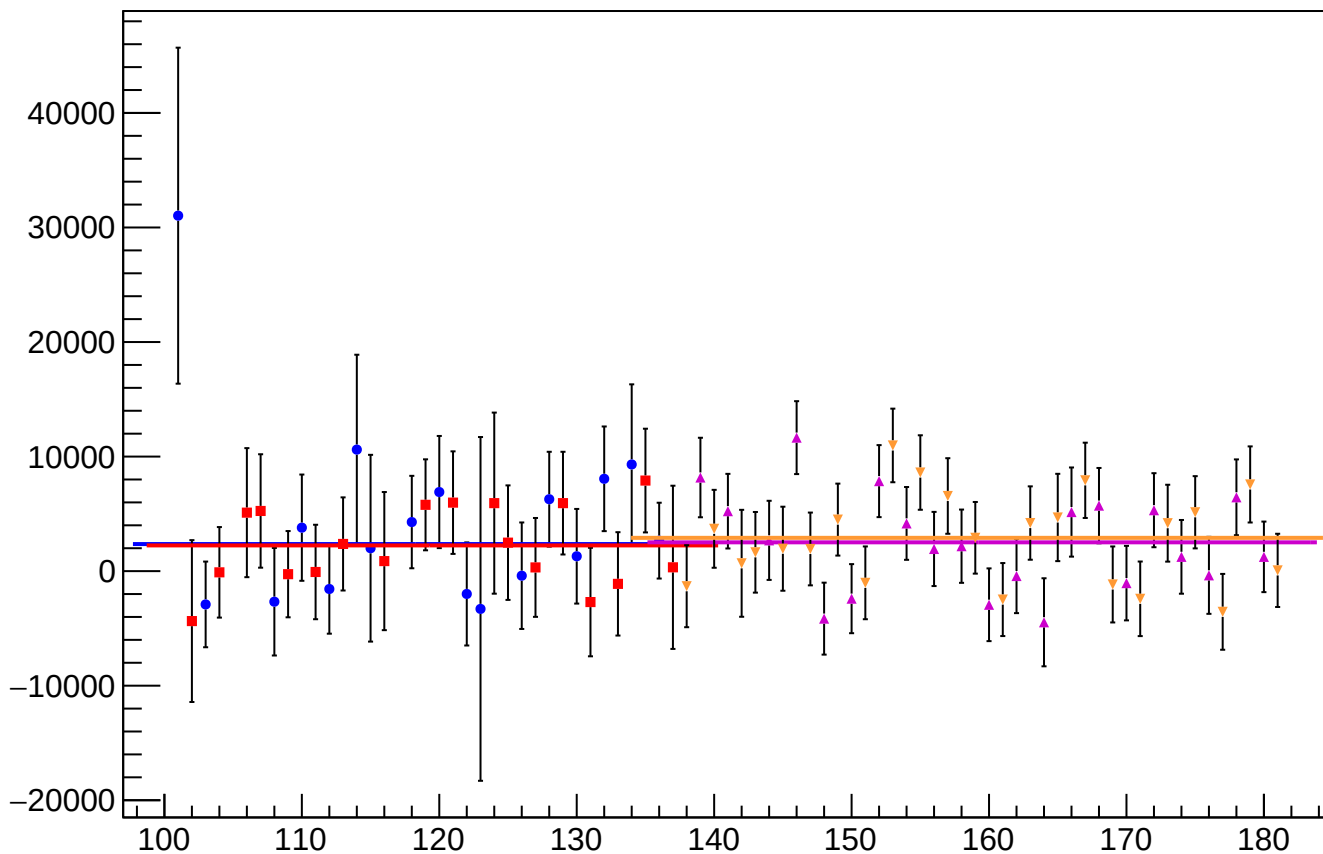
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 702.809+/-0.107 χ^2/NDF : 3389302.5/37

Out: 699.742+/-0.105 χ^2/NDF : 3950065.2/40

All: 701.239+/-0.075 χ^2/NDF : 7339787.4/78

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2906.646 $\pm$ 696.311 χ^2 /NDF:31.3/22

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2514.085 $\pm$ 714.761 χ^2 /NDF:34.9/20

Left: 2715.497 $\pm$ 498.761 χ^2 /NDF: 66.3/43

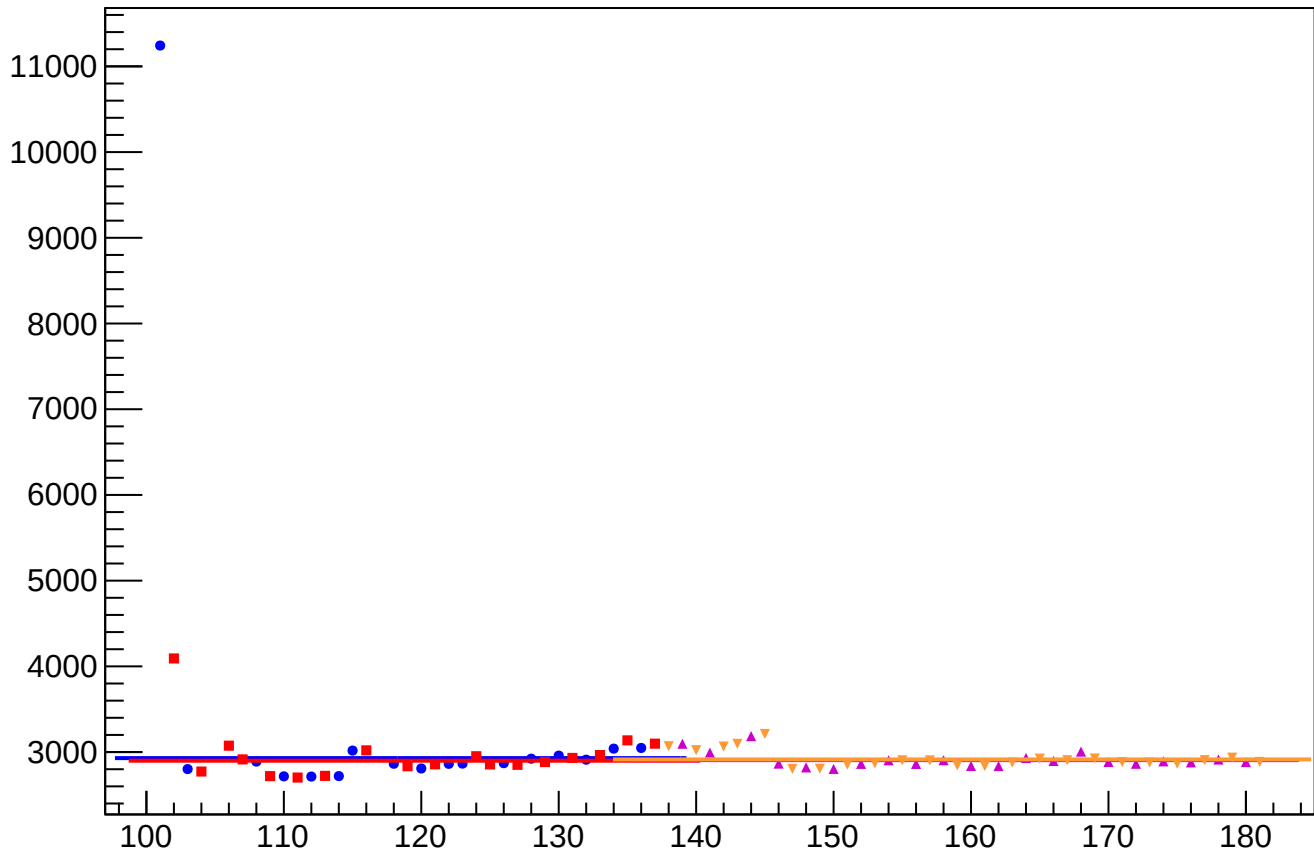
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2472.449 $\pm$ 608.510 χ^2 /NDF:50.0/37

Out: 2720.386 $\pm$ 590.148 χ^2 /NDF:40.1/40

All: 2600.215 $\pm$ 423.640 χ^2 /NDF: 90.2/78

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.337+/-0.492 χ^2/NDF : 35847.6/22

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: 2910.417+/-0.353 χ^2/NDF : 65949.0/43

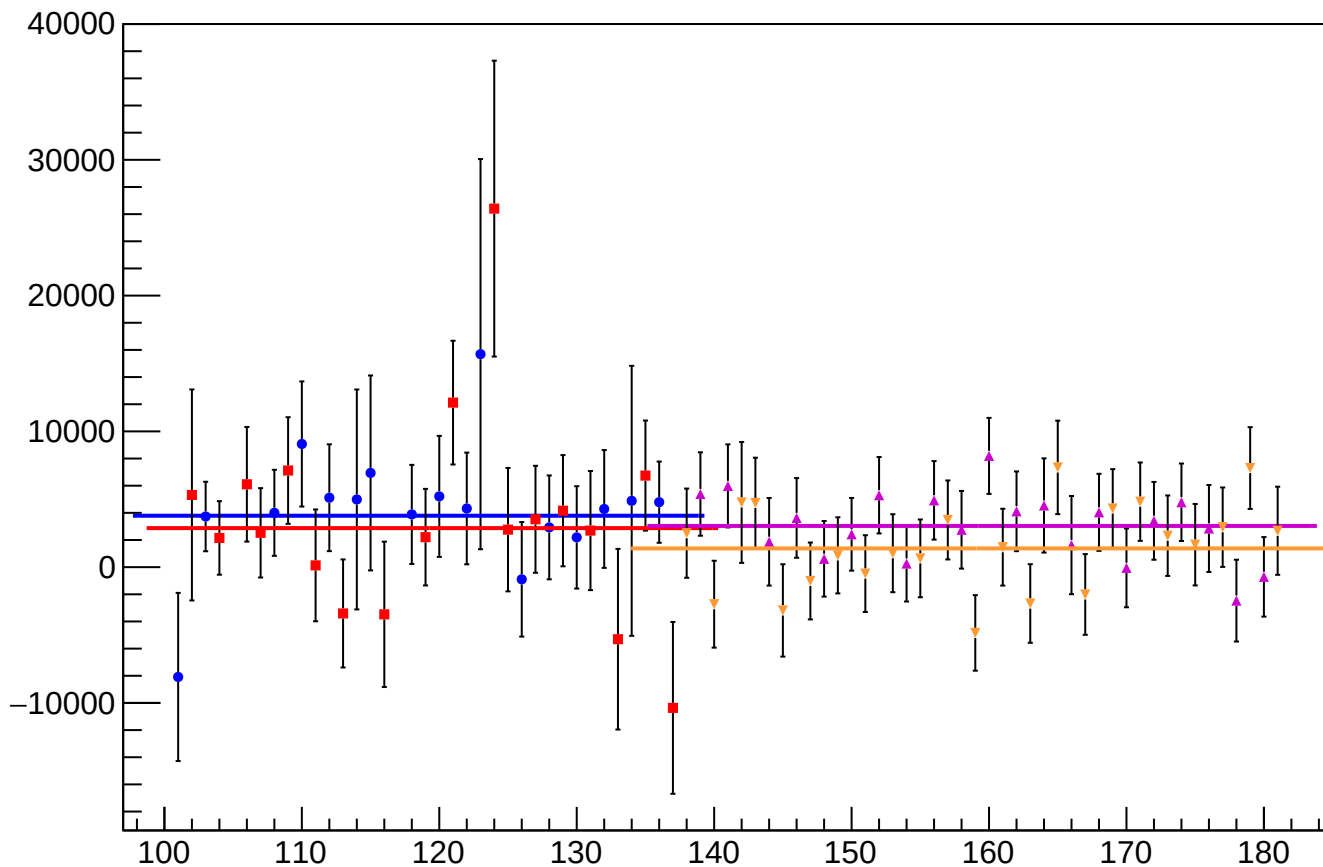
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2912.717+/-0.430 χ^2/NDF : 693188.6/37

Out: 2910.138+/-0.417 χ^2/NDF : 119648.8/40

All: 2911.388+/-0.300 χ^2/NDF : 812855.9/78

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1380.962+/-630.821 χ^2/NDF :25.1/22

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: 2190.453+/-450.960 χ^2/NDF : 43.5/43

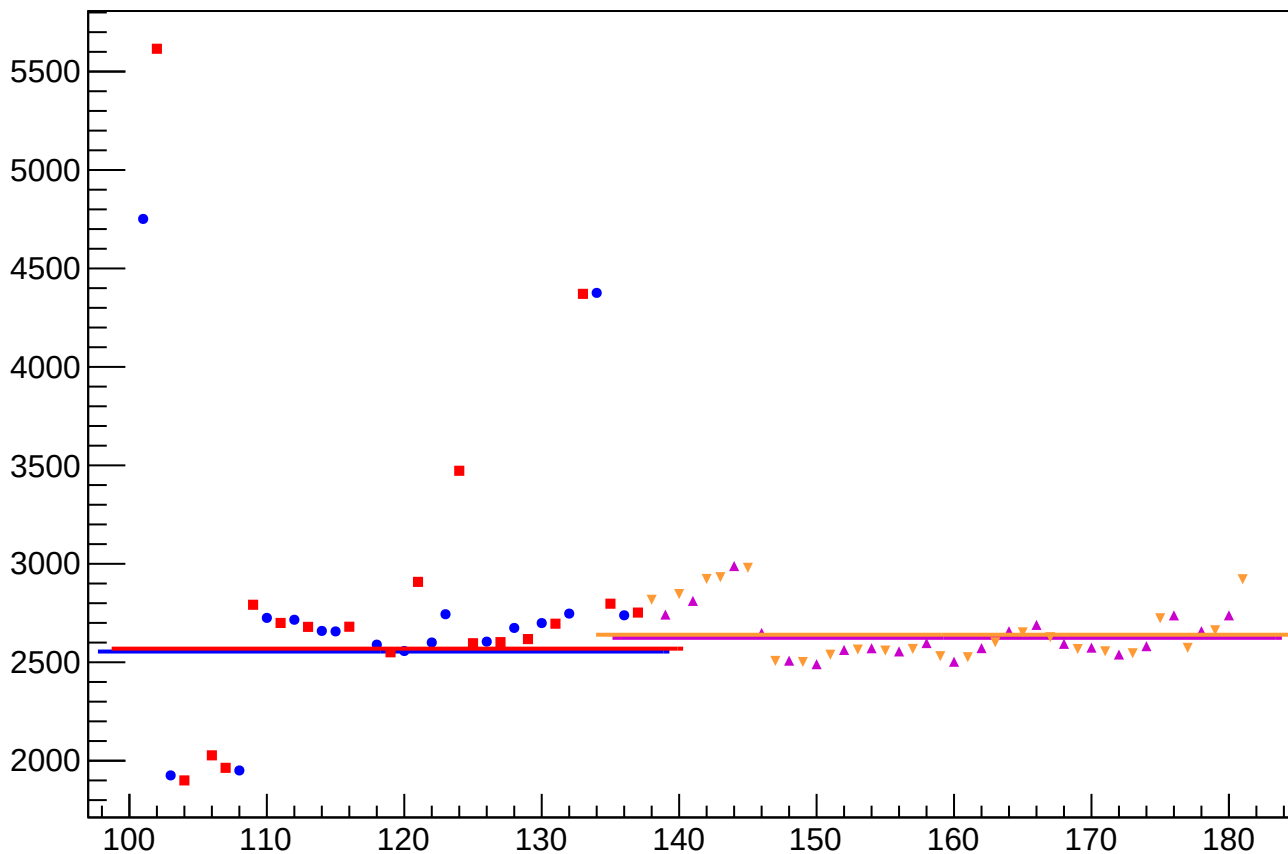
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3254.712+/-543.265 χ^2/NDF :23.2/37

Out: 1803.695+/-534.151 χ^2/NDF :48.7/40

All: 2516.931+/-380.883 χ^2/NDF : 75.5/78

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.914 $\pm$ 0.446 χ^2 /NDF:103207.4/22

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: 2632.237 $\pm$ 0.319 χ^2 /NDF: 165498.6/43

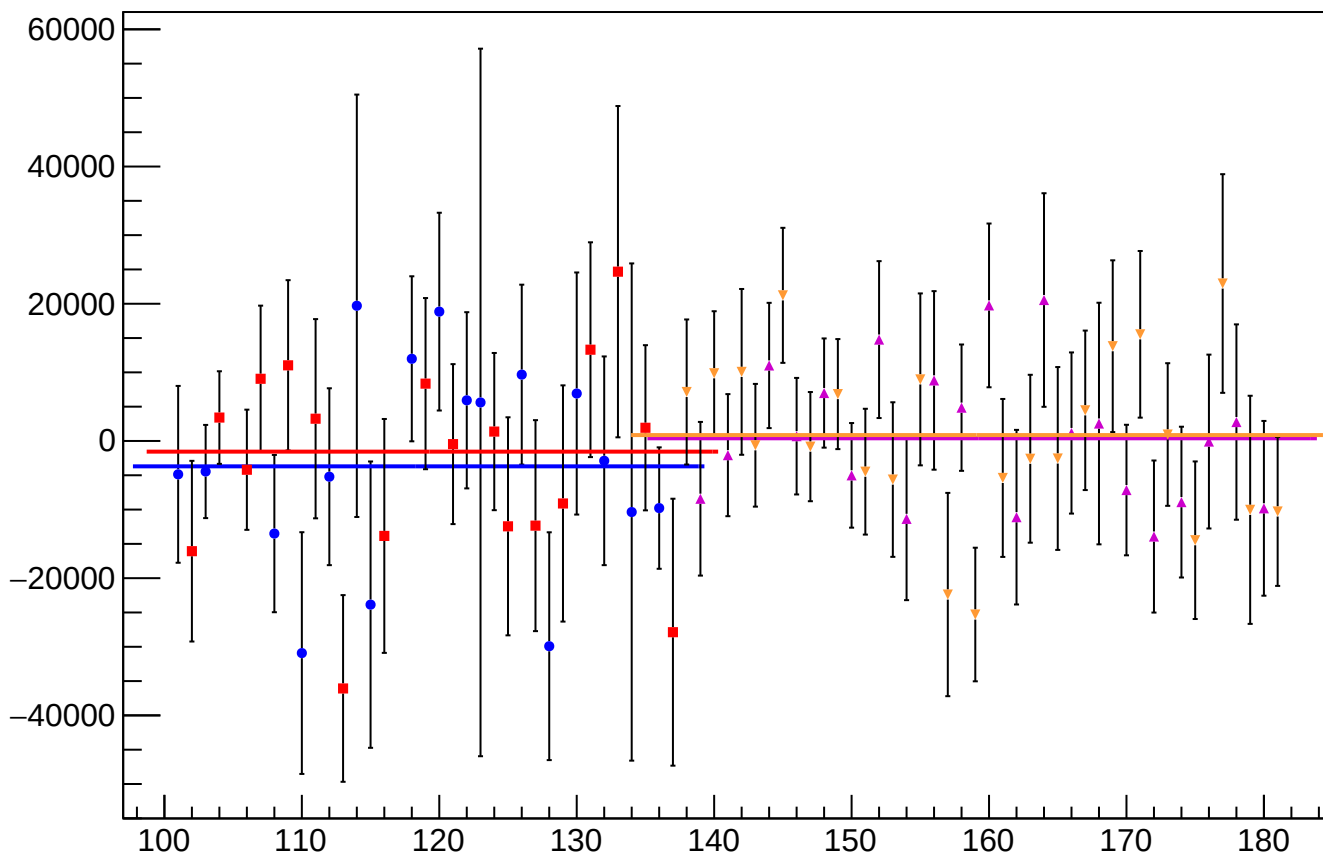
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2603.979 $\pm$ 0.384 χ^2 /NDF:605090.9/37

Out: 2619.906 $\pm$ 0.378 χ^2 /NDF:833644.7/40

All: 2612.078 $\pm$ 0.269 χ^2 /NDF: 1439609.7/78

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 858.058 $\pm$ 2254.522 χ^2 /NDF:25.9/22

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 388.698 $\pm$ 2327.926 χ^2 /NDF:15.3/20

Left: 630.894 $\pm$ 1619.517 χ^2 /NDF: 41.2/43

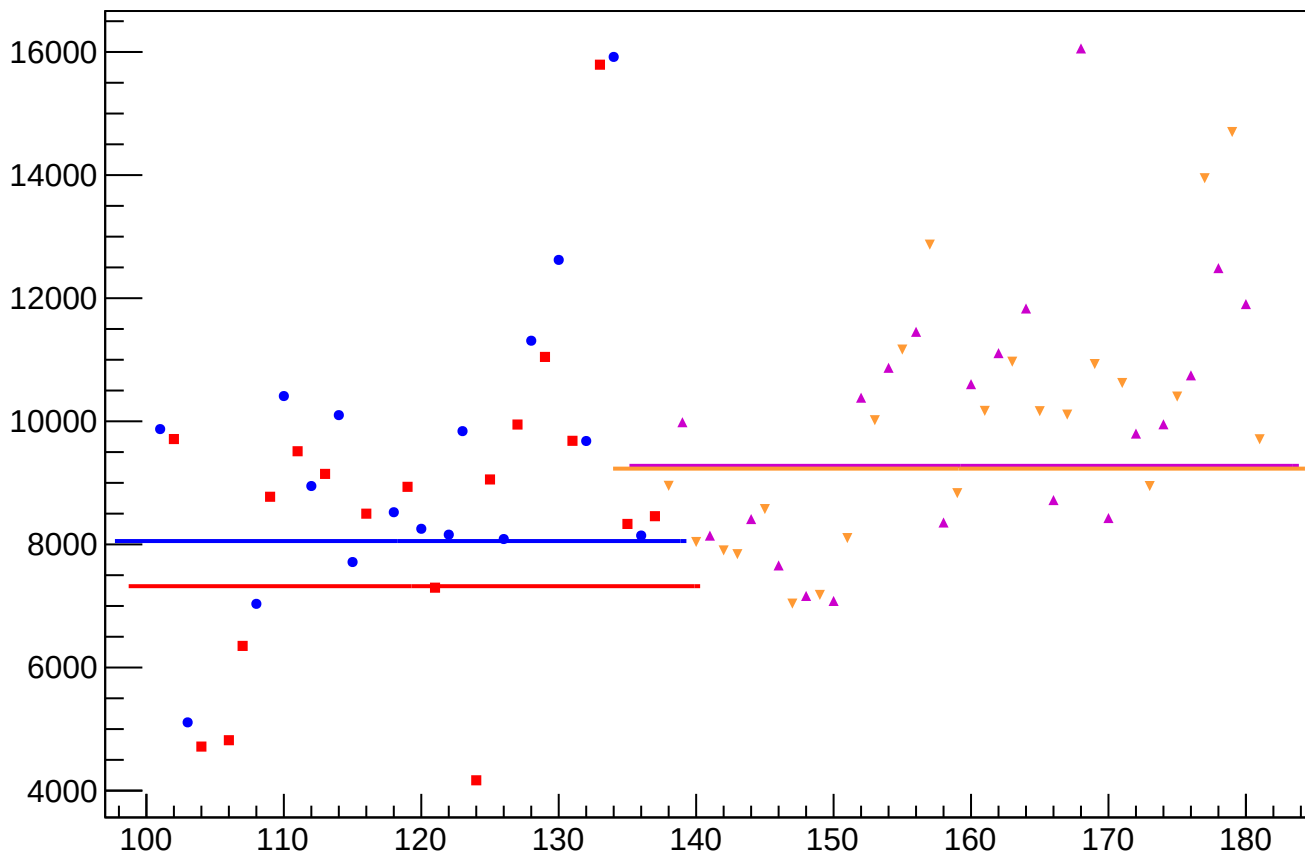
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -1015.853 $\pm$ 1886.108 χ^2 /NDF:30.2/37

Out: -46.640 $\pm$ 1782.630 χ^2 /NDF:43.1/40

All: -503.931 $\pm$ 1295.548 χ^2 /NDF: 73.4/78

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9231.167+/-1.594 χ^2/NDF :1167613.0/22

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9276.389+/-1.646 χ^2/NDF :1231685.1/20

Left: 9253.054+/-1.145 χ^2/NDF : 2399687.6/43

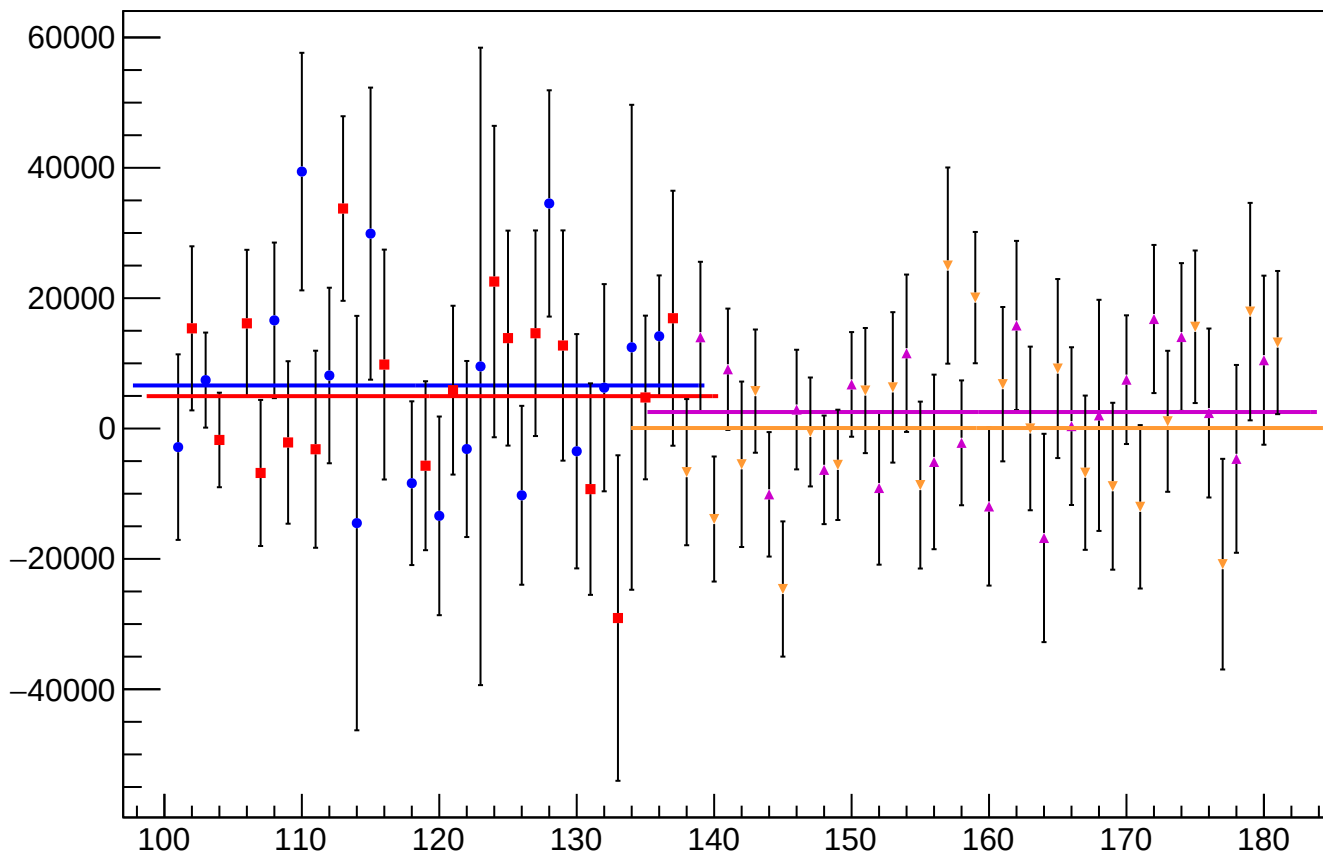
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8856.690+/-1.334 χ^2/NDF :2241667.5/37

Out: 8515.382+/-1.261 χ^2/NDF :3041440.3/40

All: 8676.417+/-0.916 χ^2/NDF : 5317699.7/78

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 76.921+/-2341.063 χ^2/NDF : 25.5/22

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: 1266.518+/-1680.872 χ^2/NDF : 40.2/43

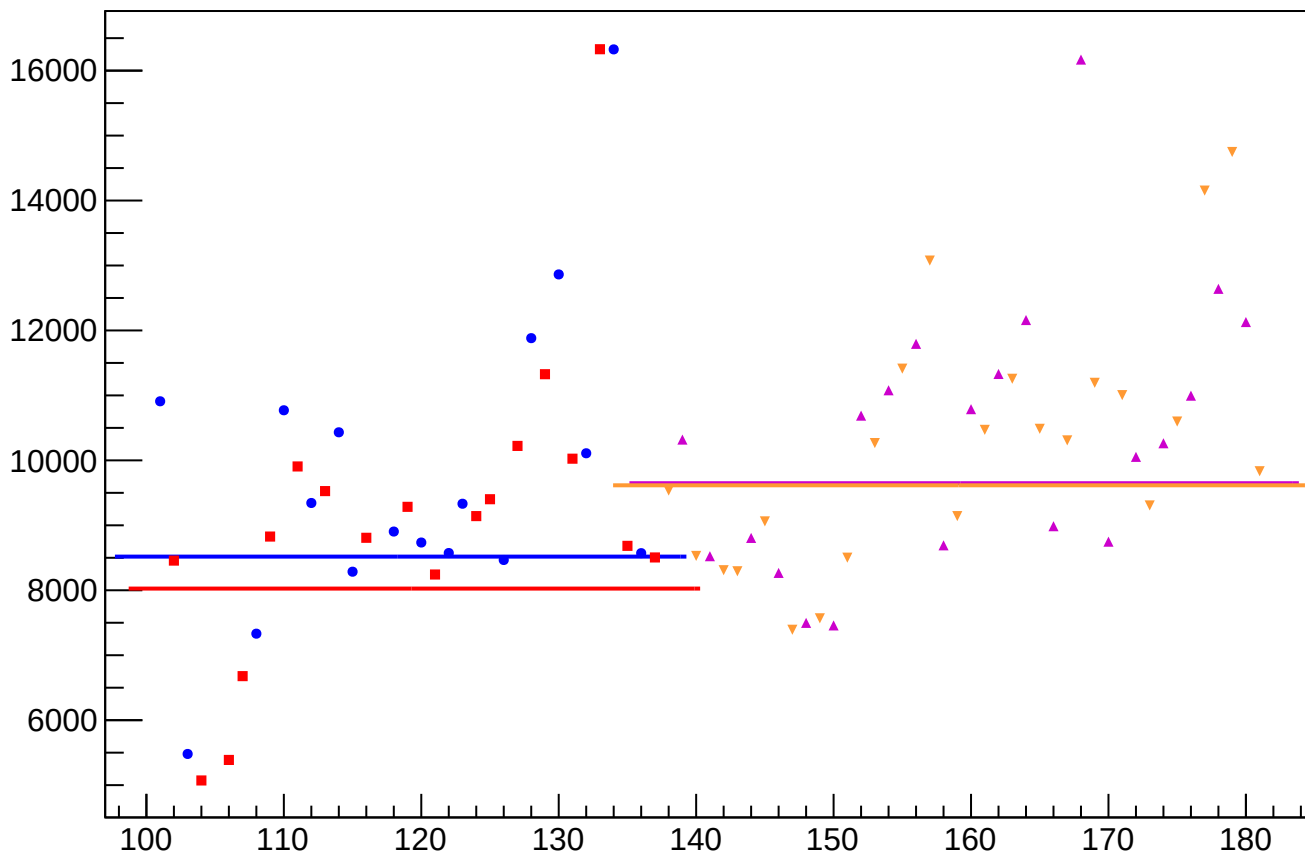
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3900.934+/-1968.008 χ^2/NDF : 29.9/37

Out: 1798.153+/-1884.625 χ^2/NDF : 40.6/40

All: 2804.054+/-1361.155 χ^2/NDF : 71.0/78

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.015+/-1.655 χ^2/NDF : 1011193.8/22

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: 9631.612+/-1.189 χ^2/NDF : 2088470.8/43

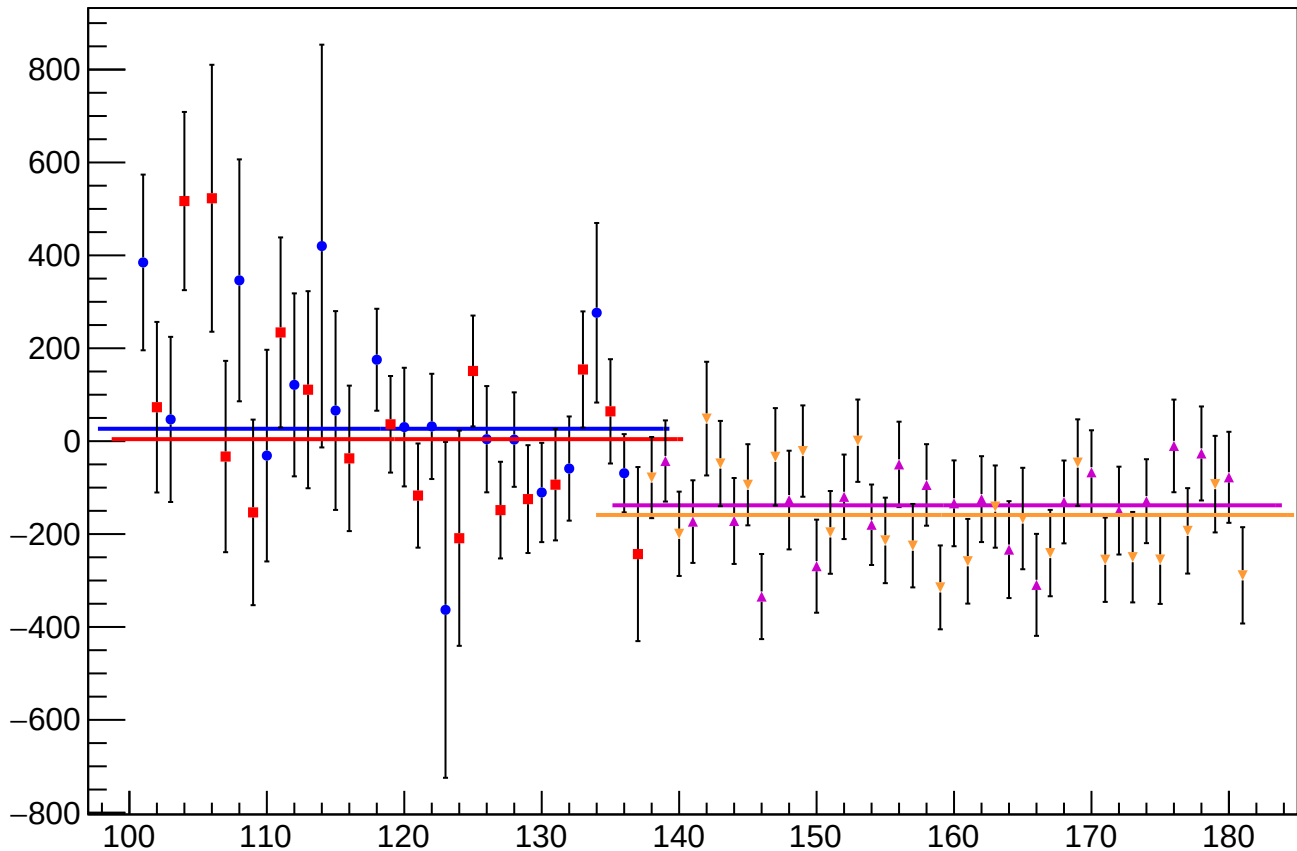
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9268.713+/-1.392 χ^2/NDF : 1996150.1/37

Out: 9056.436+/-1.333 χ^2/NDF : 2278530.9/40

All: 9157.981+/-0.962 χ^2/NDF : 4286819.2/78

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -158.871 ± 19.670 $\chi^2/\text{NDF}: 25.2/22$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -138.101 ± 20.508 $\chi^2/\text{NDF}: 16.4/20$

Left: -148.919 ± 14.196 $\chi^2/\text{NDF}: 42.2/43$

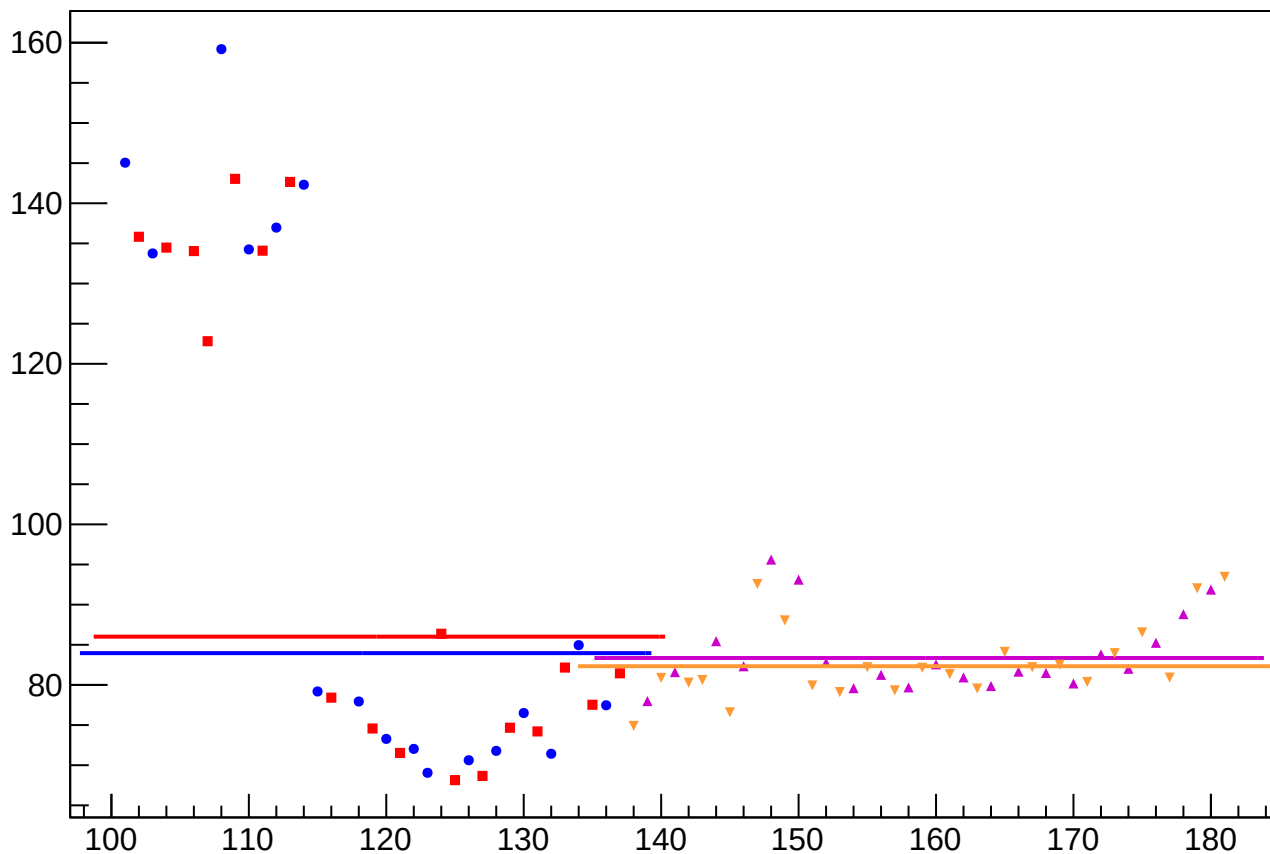
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -93.417 ± 17.509 $\chi^2/\text{NDF}: 48.5/37$

Out: -117.657 ± 17.006 $\chi^2/\text{NDF}: 66.6/40$

All: -105.890 ± 12.199 $\chi^2/\text{NDF}: 116.0/78$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 ± 0.024 χ^2/NDF : 960253.6/16

Left Out: 82.330 ± 0.014 χ^2/NDF : 106203.5/22

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: 82.822 ± 0.010 χ^2/NDF : 202122.0/43

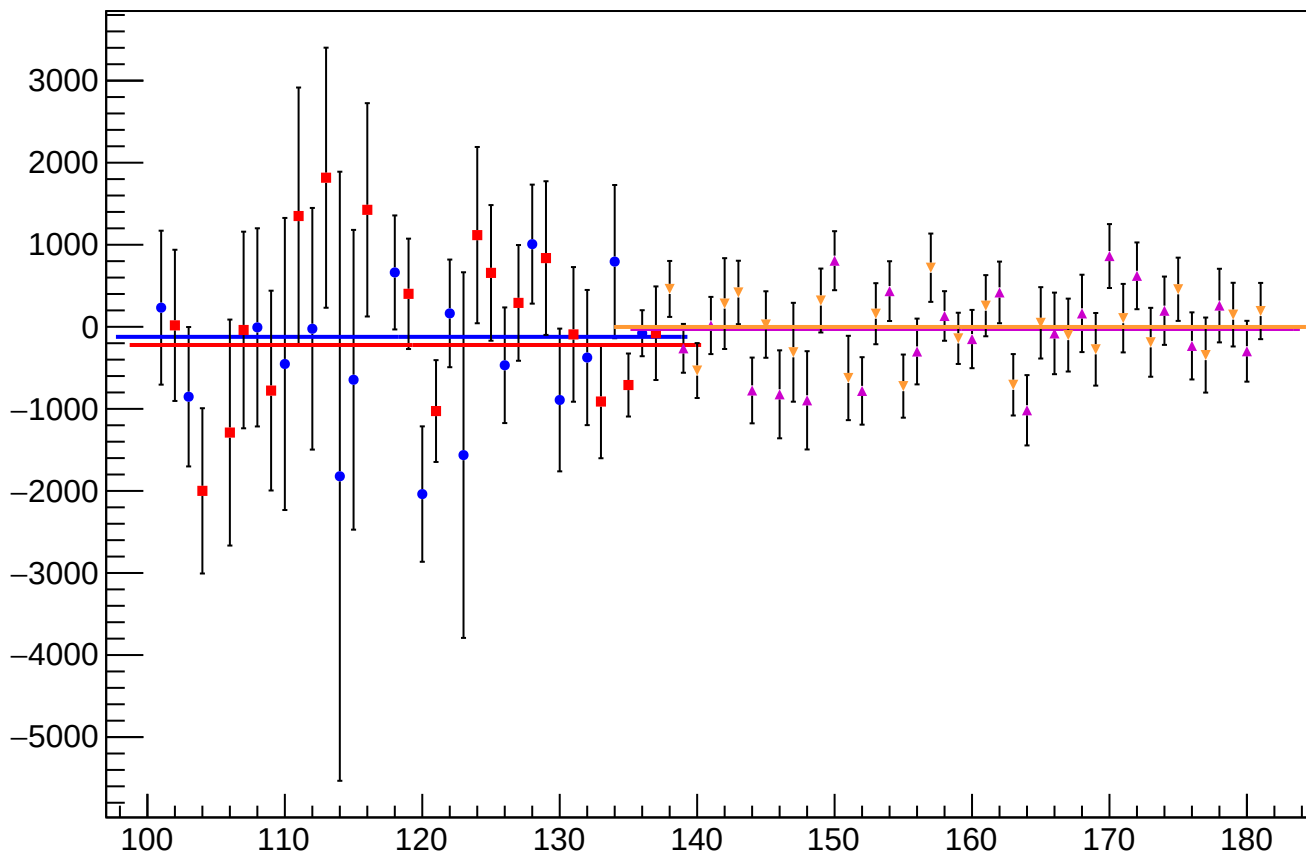
Right: 84.980 ± 0.017 χ^2/NDF : 1990355.7/34

In: 83.520 ± 0.012 χ^2/NDF : 1054038.6/37

Out: 83.260 ± 0.012 χ^2/NDF : 1150302.3/40

All: 83.386 ± 0.009 χ^2/NDF : 2204567.4/78

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -1.849 $\pm$ 83.154 χ^2 /NDF:22.3/22

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -26.477 $\pm$ 85.741 χ^2 /NDF:35.8/20

Left: -13.786 $\pm$ 59.692 χ^2 /NDF: 58.2/43

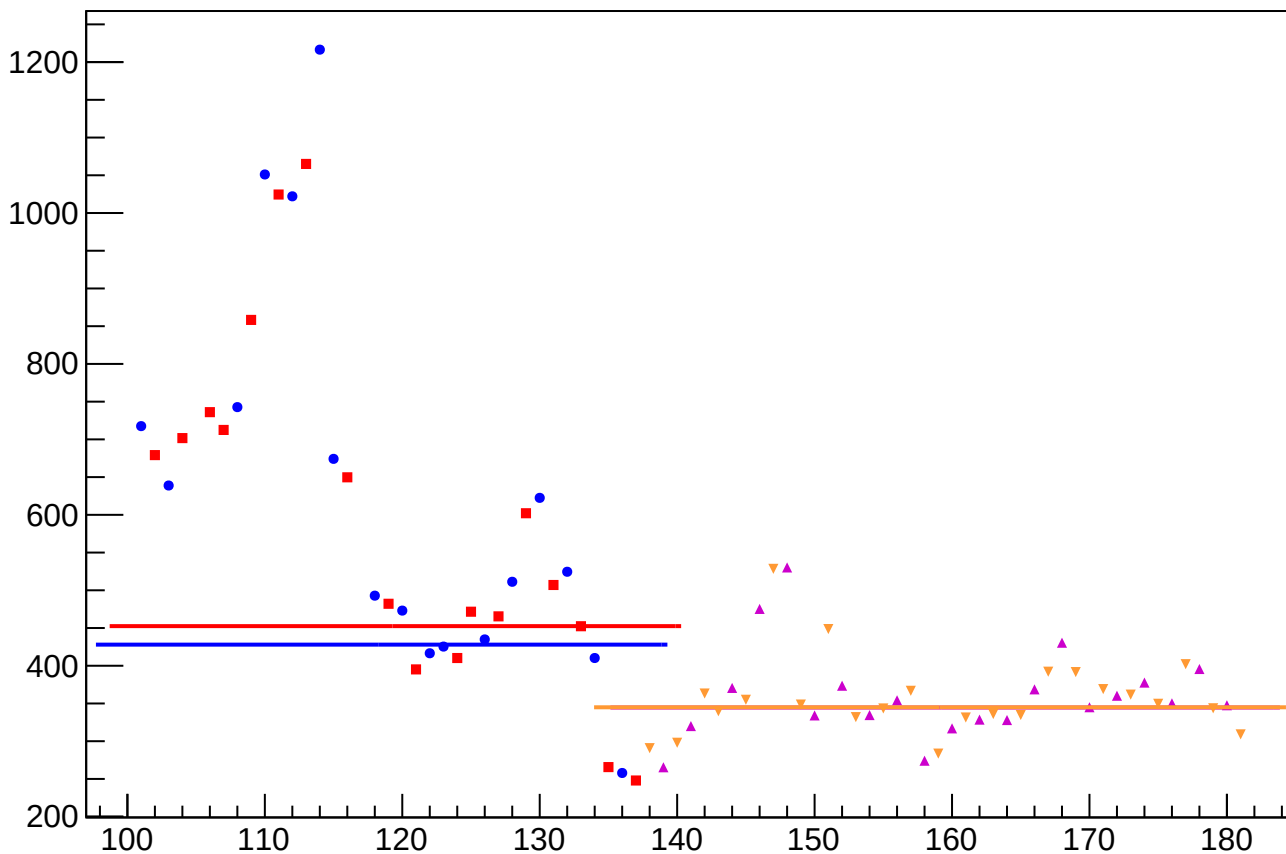
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -44.285 $\pm$ 77.375 χ^2 /NDF:49.1/37

Out: -38.739 $\pm$ 75.852 χ^2 /NDF:41.5/40

All: -41.457 $\pm$ 54.166 χ^2 /NDF: 90.6/78

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 344.937 $\pm$ 0.059 χ^2 /NDF:559064.5/22

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 344.619 $\pm$ 0.061 χ^2 /NDF:725905.4/20

Left: 344.783 $\pm$ 0.042 χ^2 /NDF: 1284984.1/43

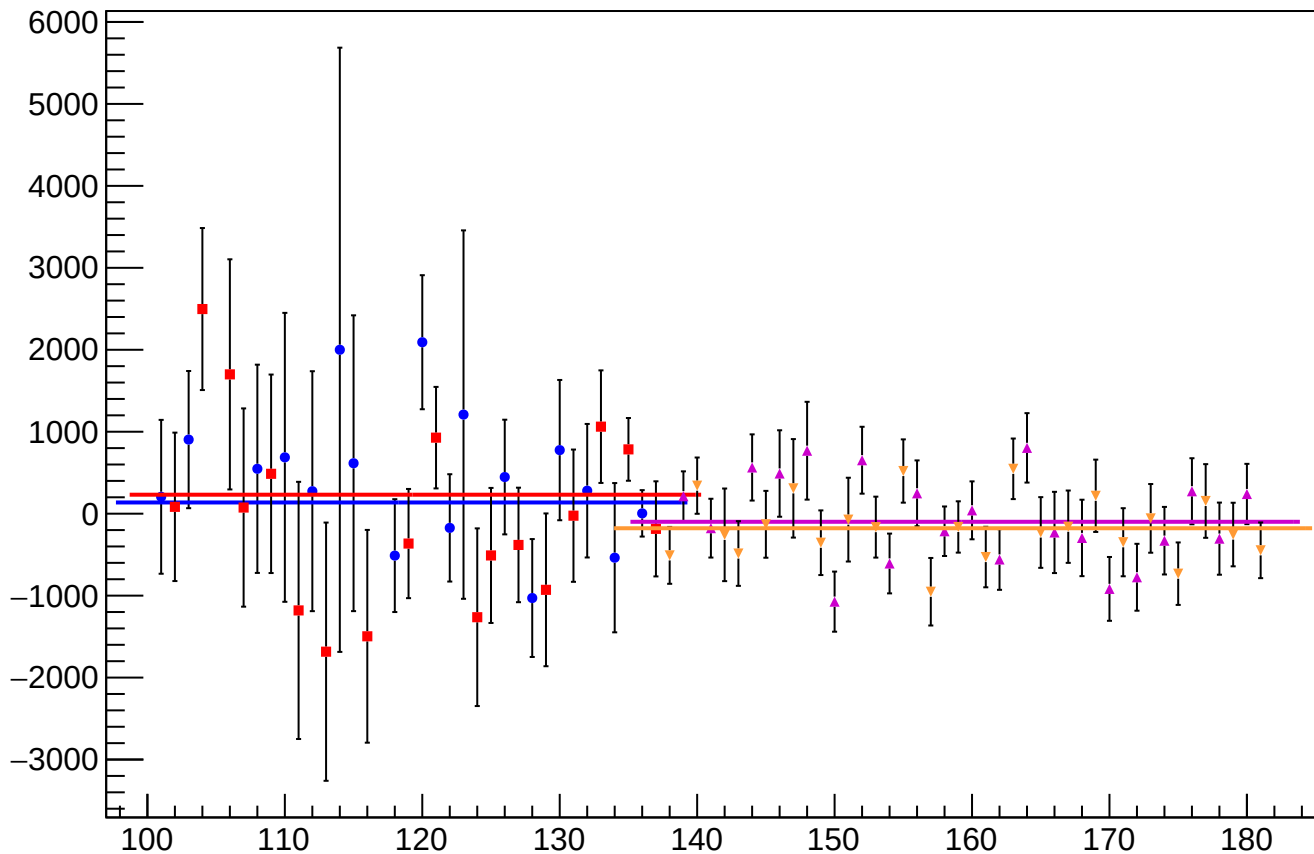
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 360.094 $\pm$ 0.055 χ^2 /NDF:3139137.7/37

Out: 363.002 $\pm$ 0.054 χ^2 /NDF:3194141.1/40

All: 361.577 $\pm$ 0.038 χ^2 /NDF: 6334719.0/78

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -177.814 ± 83.234 χ^2/NDF : 20.7/22

Right Out: 231.586 ± 184.578 χ^2/NDF : 21.8/17

Left In: -98.881 ± 85.747 χ^2/NDF : 36.3/20

Left: -139.522 ± 59.724 χ^2/NDF : 57.5/43

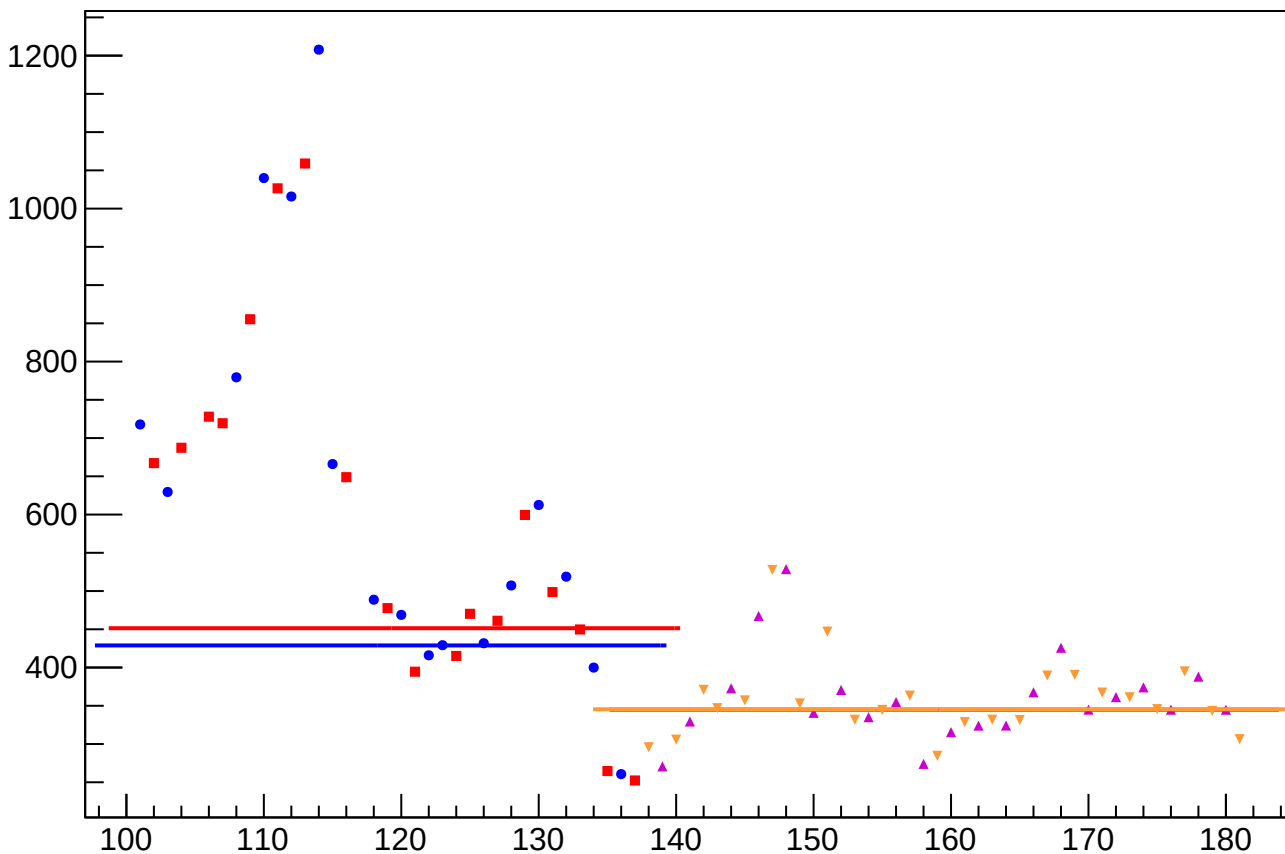
Right: 182.905 ± 128.724 χ^2/NDF : 34.5/34

In: -55.133 ± 77.381 χ^2/NDF : 50.4/37

Out: -108.632 ± 75.876 χ^2/NDF : 46.6/40

All: -82.408 ± 54.177 χ^2/NDF : 97.2/78

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.434+/-0.059 χ^2/NDF : 527644.3/22

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: 345.157+/-0.042 χ^2/NDF : 1200797.3/43

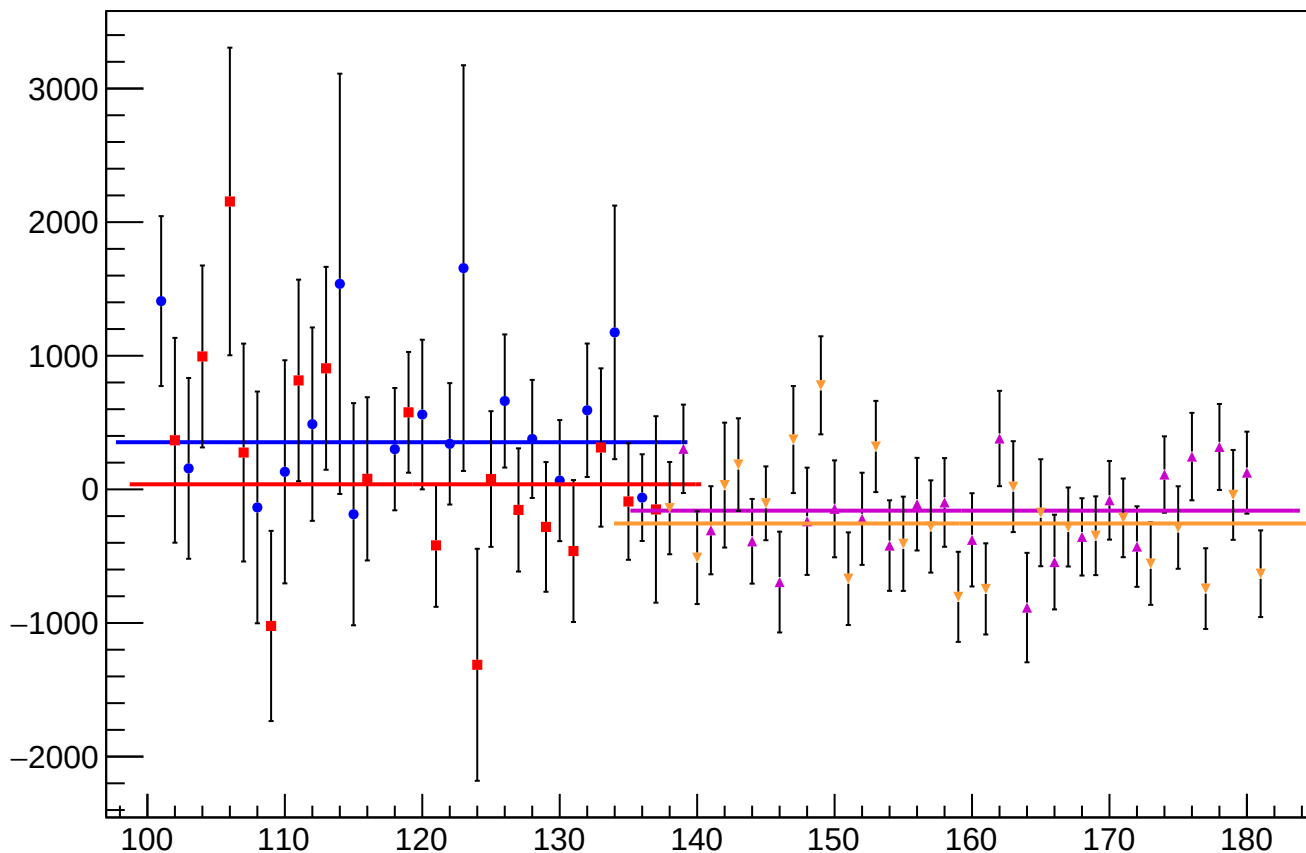
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 360.460+/-0.055 χ^2/NDF : 3040172.7/37

Out: 363.343+/-0.054 χ^2/NDF : 3106285.1/40

All: 361.930+/-0.038 χ^2/NDF : 6147872.5/78

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -255.293 $\pm$ 69.552 χ^2/NDF :28.7/22

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: -209.332 $\pm$ 50.206 χ^2/NDF : 48.8/43

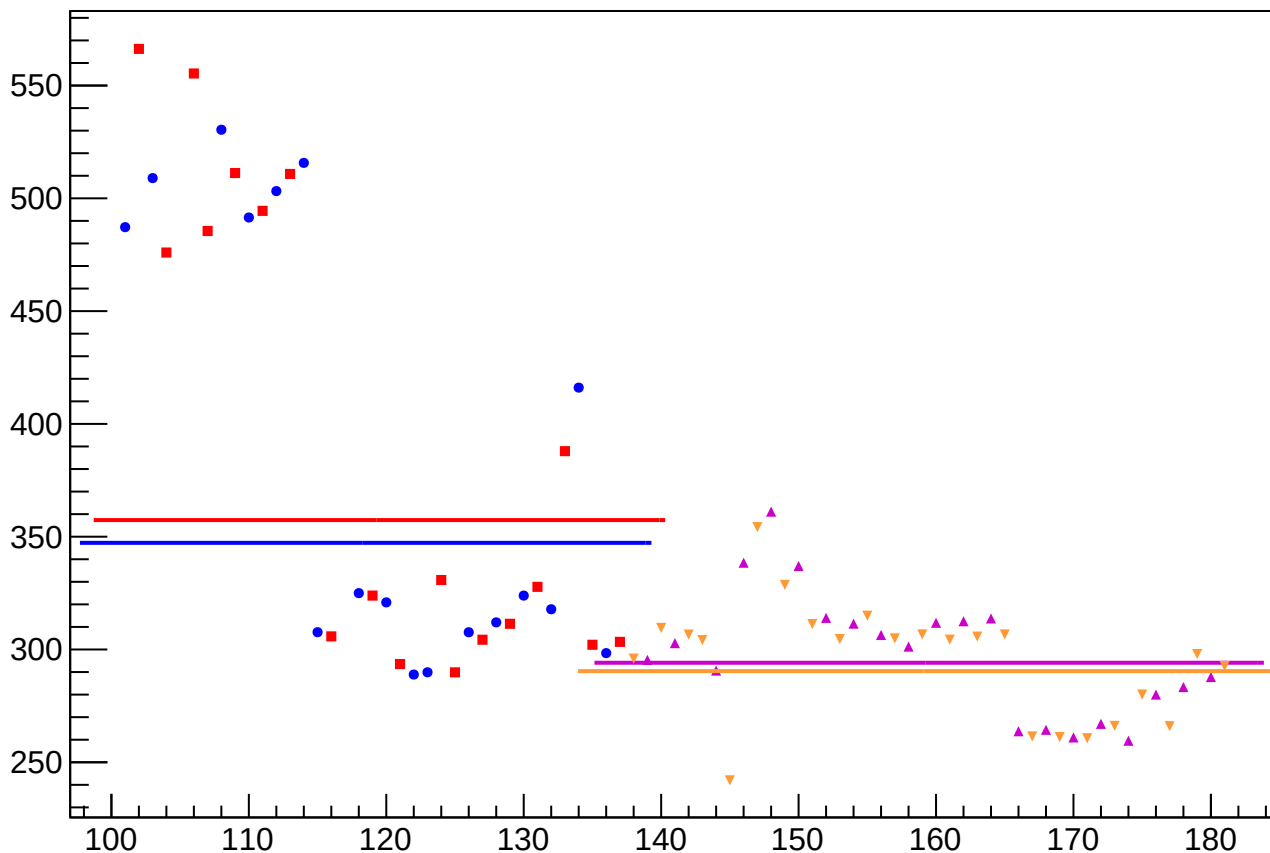
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -47.519 $\pm$ 64.144 χ^2/NDF :38.6/37

Out: -196.584 $\pm$ 62.202 χ^2/NDF :49.1/40

All: -124.343 $\pm$ 44.654 χ^2/NDF : 90.6/78

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.411 $\pm$ 0.049 χ^2 /NDF:273477.1/22

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: 292.189 $\pm$ 0.036 χ^2 /NDF: 532855.1/43

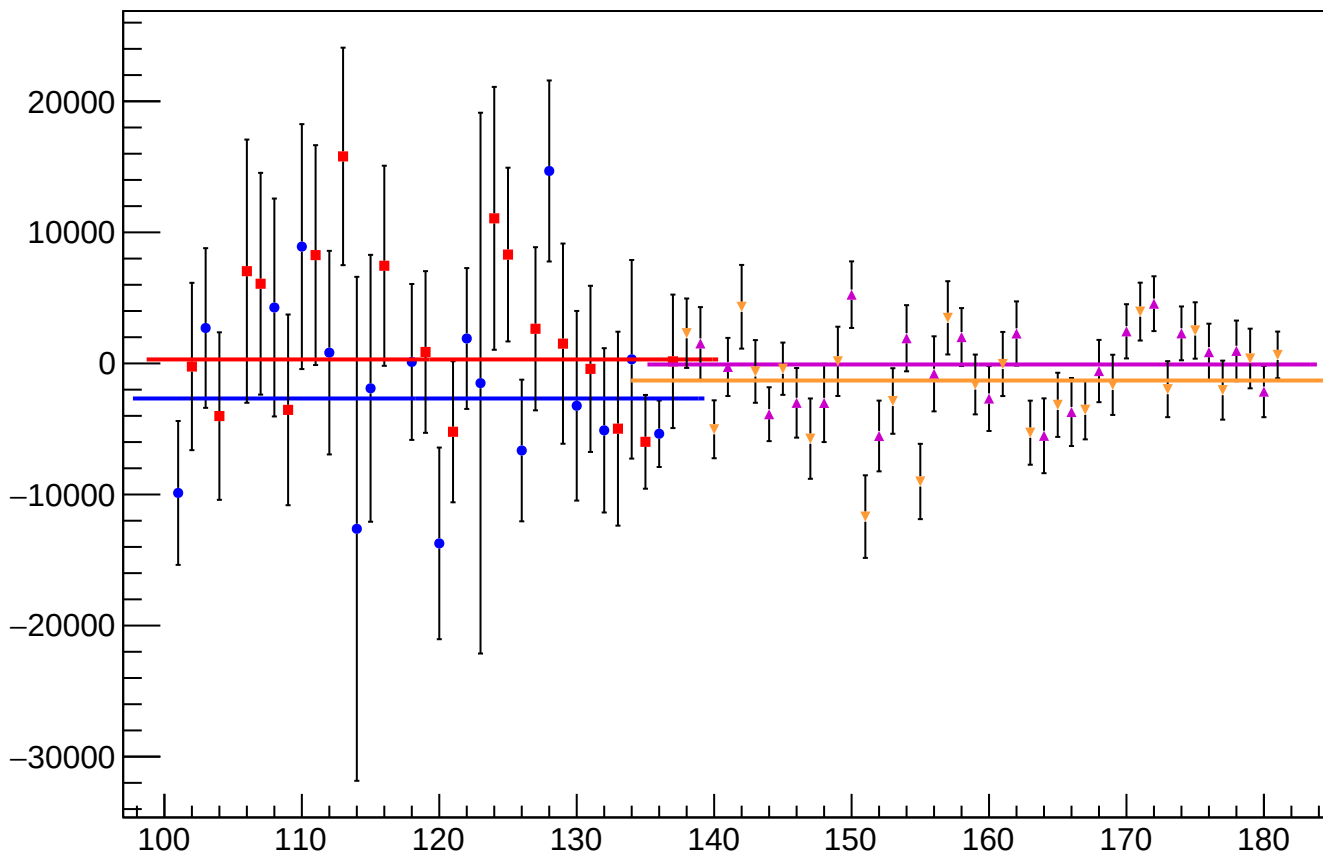
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 305.725 $\pm$ 0.045 χ^2 /NDF:1109917.6/37

Out: 303.814 $\pm$ 0.044 χ^2 /NDF:1404429.5/40

All: 304.740 $\pm$ 0.032 χ^2 /NDF: 2515261.6/78

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1302.106 $\pm$ 496.501 χ^2 /NDF:47.1/22

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: -715.646 $\pm$ 358.139 χ^2 /NDF: 83.0/43

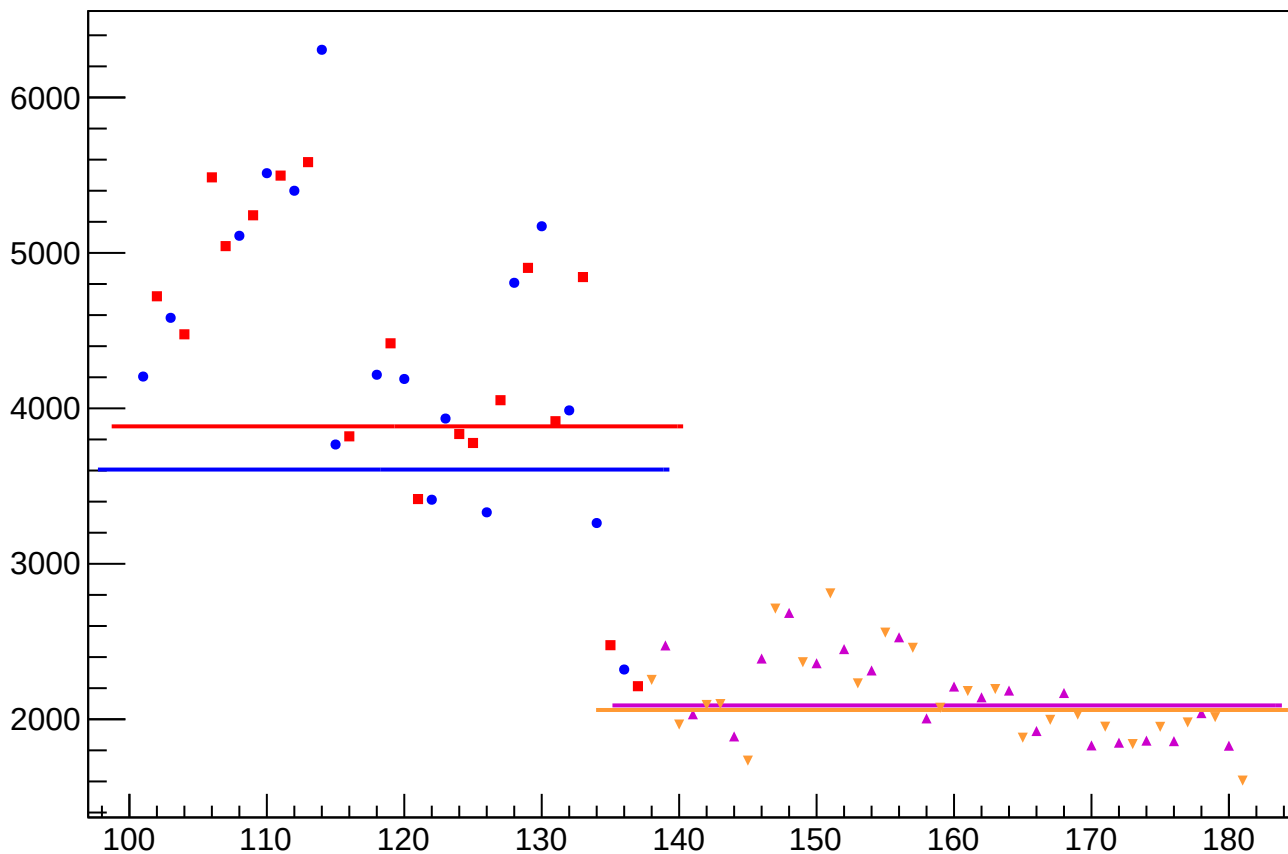
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -370.051 $\pm$ 487.285 χ^2 /NDF:52.5/37

Out: -1146.782 $\pm$ 471.896 χ^2 /NDF:62.5/40

All: -770.875 $\pm$ 338.991 χ^2 /NDF: 116.3/78

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2059.716+/-0.351 χ^2/NDF : 597709.8/22

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: 2073.801+/-0.253 χ^2/NDF : 1048115.9/43

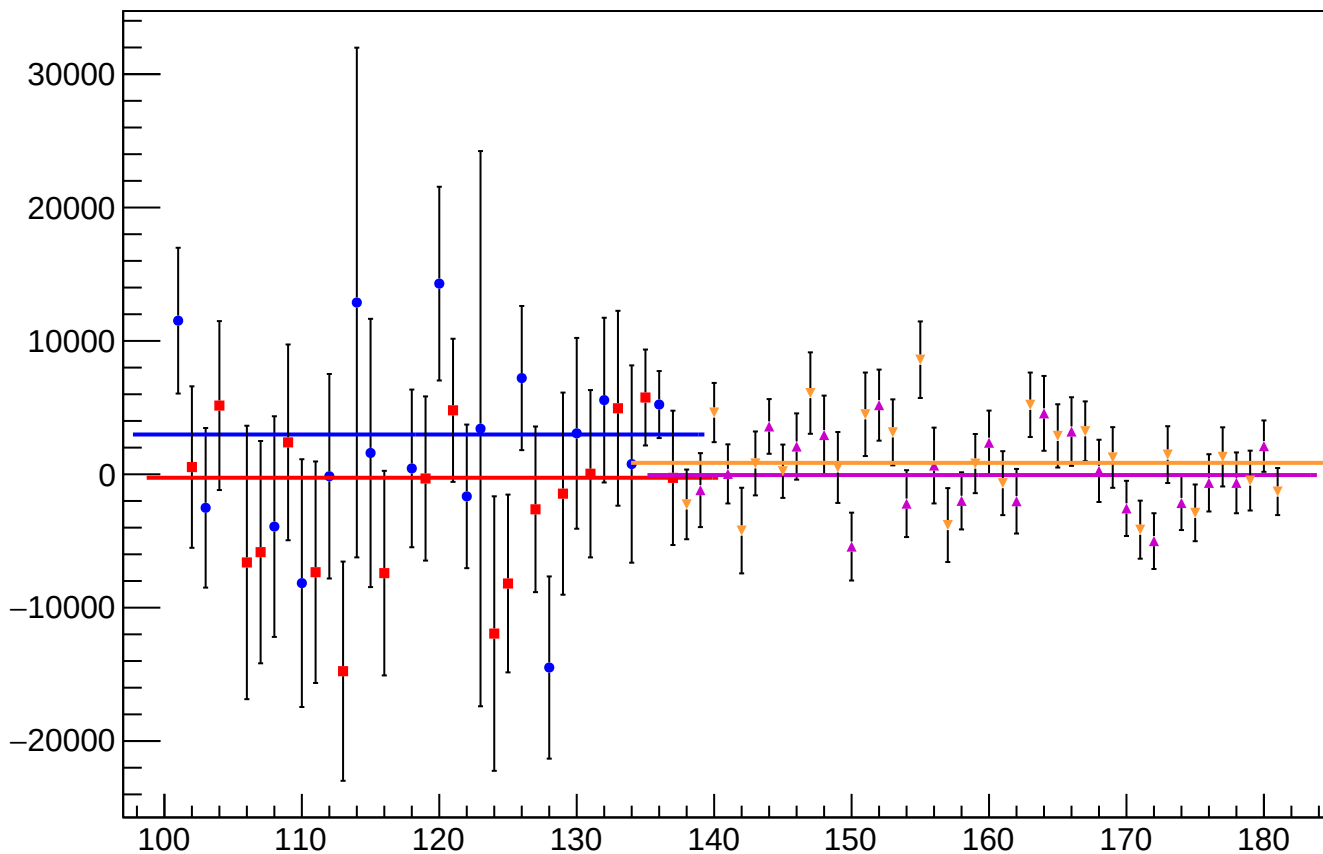
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2258.979+/-0.345 χ^2/NDF : 3467764.7/37

Out: 2236.070+/-0.334 χ^2/NDF : 4202730.0/40

All: 2247.157+/-0.240 χ^2/NDF : 7672776.0/78

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 858.061 $\pm$ 491.985 χ^2/NDF : 38.1/22

Right Out: -259.721 $\pm$ 1510.344 χ^2/NDF : 13.5/17

Left In: -56.895 $\pm$ 510.736 χ^2/NDF : 30.6/20

Left: 417.687 $\pm$ 354.330 χ^2/NDF : 70.3/43

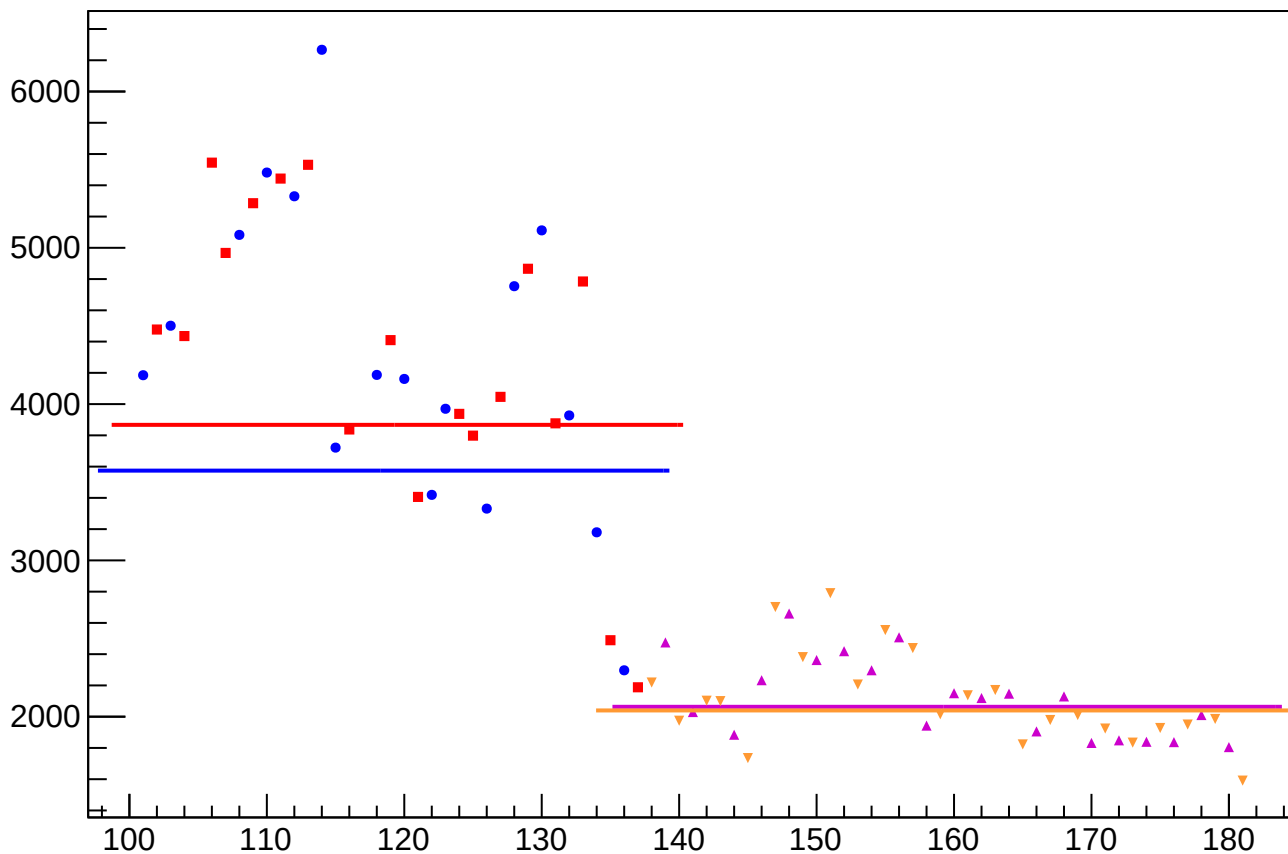
Right: 1435.156 $\pm$ 1043.589 χ^2/NDF : 33.3/34

In: 281.335 $\pm$ 481.492 χ^2/NDF : 52.0/37

Out: 750.832 $\pm$ 467.792 χ^2/NDF : 52.0/40

All: 522.857 $\pm$ 335.518 χ^2/NDF : 104.5/78

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2039.904 $\pm$ 0.348 χ^2/NDF : 607819.7/22

Right Out: 3867.232 $\pm$ 1.068 χ^2/NDF : 968137.9/17

Left In: 2063.178 $\pm$ 0.361 χ^2/NDF : 430603.5/20

Left: 2051.106 $\pm$ 0.251 χ^2/NDF : 1040577.5/43

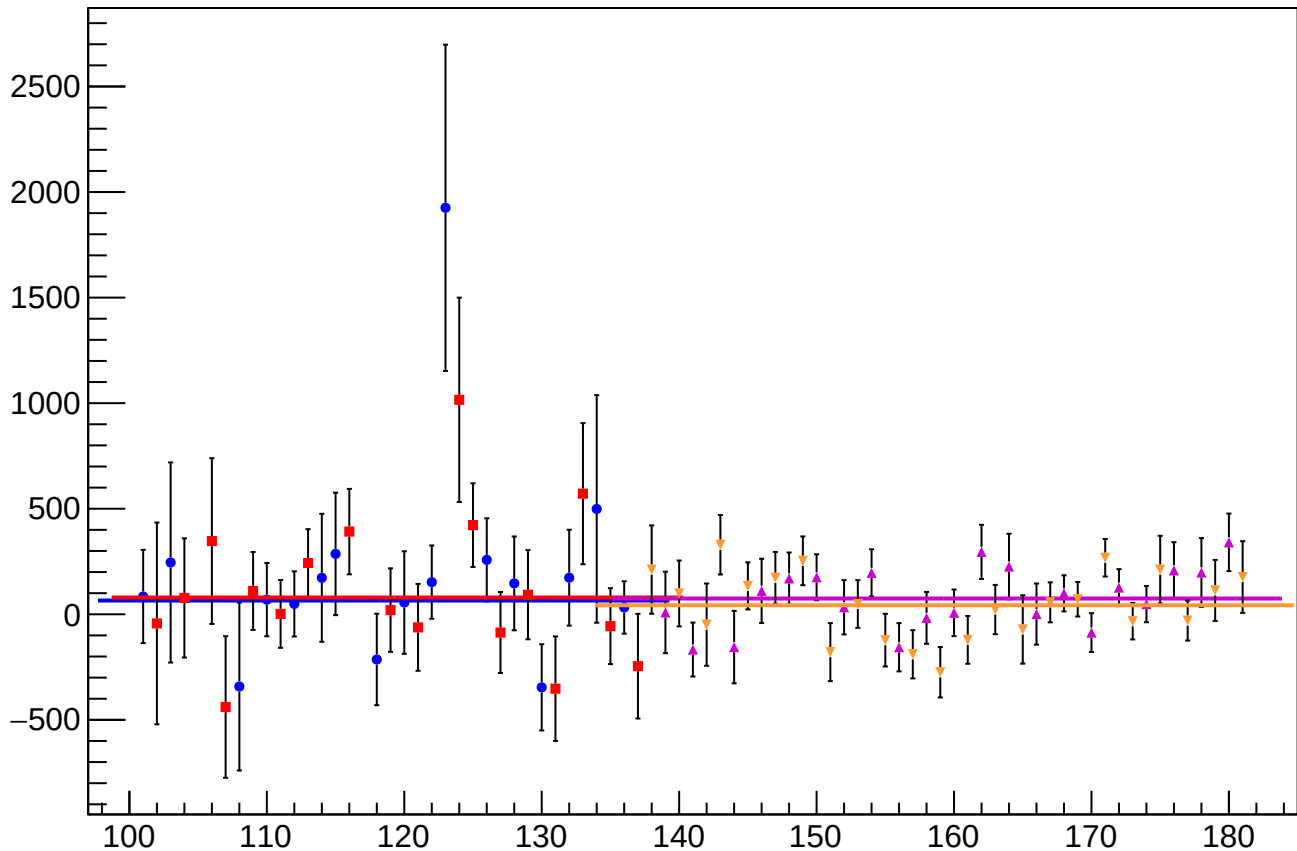
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2231.284 $\pm$ 0.340 χ^2/NDF : 3469720.8/37

Out: 2215.199 $\pm$ 0.331 χ^2/NDF : 4222709.6/40

All: 2223.010 $\pm$ 0.237 χ^2/NDF : 7693578.6/78

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2/NDF : 15.7/16

Left Out: 42.873 $\pm$ 24.613 χ^2/NDF : 38.4/22

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: 58.023 $\pm$ 17.814 χ^2/NDF : 65.6/43

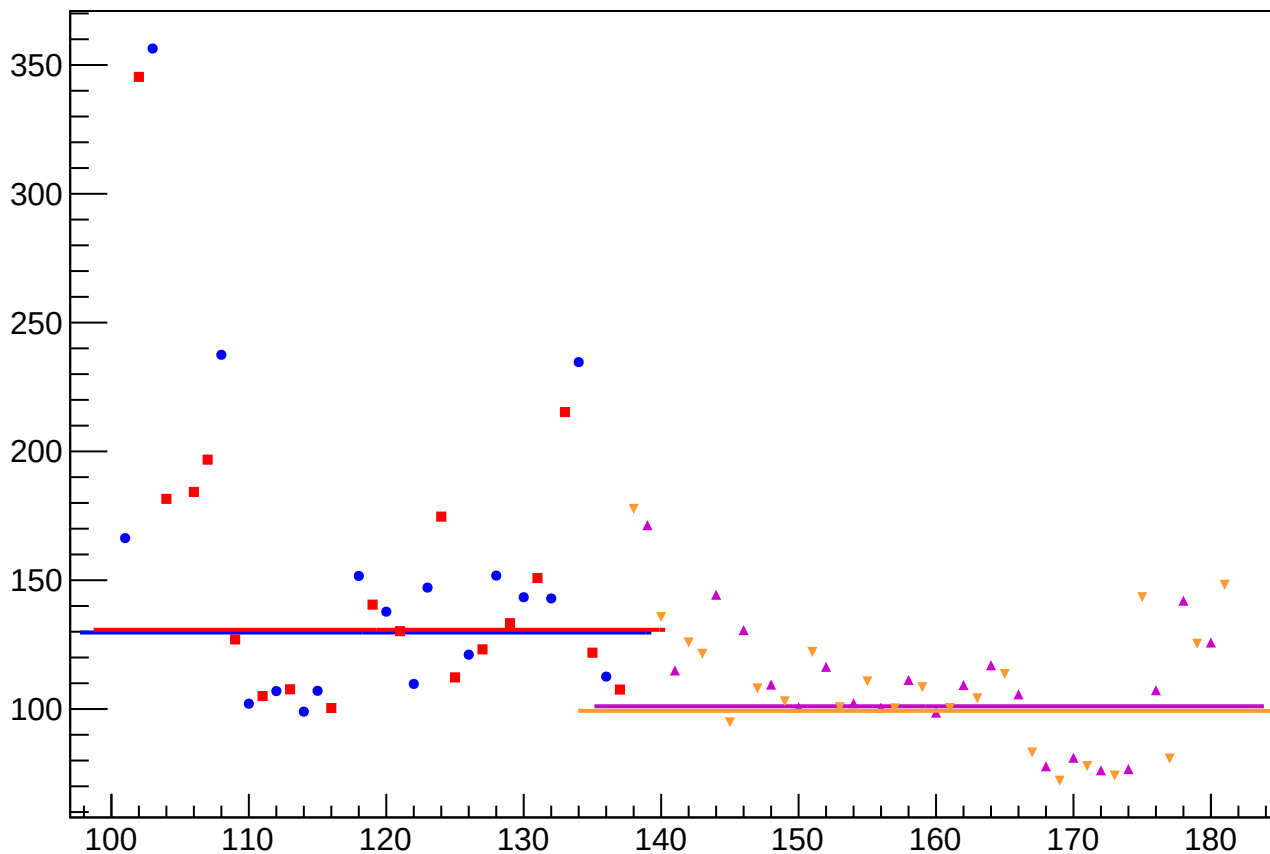
Right: 72.397 $\pm$ 37.138 χ^2/NDF : 37.9/34

In: 72.858 $\pm$ 23.184 χ^2/NDF : 42.2/37

Out: 49.500 $\pm$ 22.274 χ^2/NDF : 60.9/40

All: 60.712 $\pm$ 16.062 χ^2/NDF : 103.7/78

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.291 $\pm$ 0.017 χ^2 /NDF:1619413.0/22

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: 100.135 $\pm$ 0.013 χ^2 /NDF: 2962249.3/43

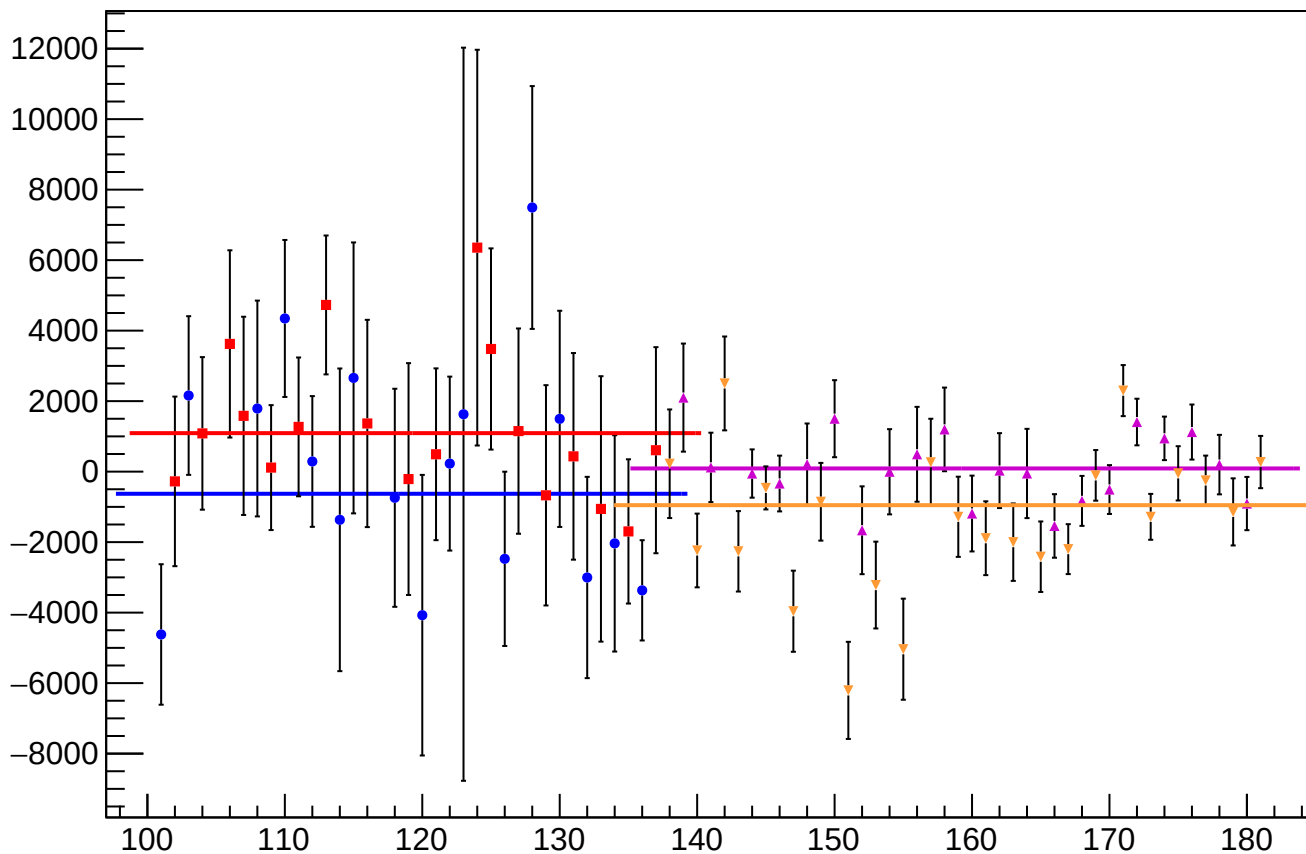
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 106.605 $\pm$ 0.016 χ^2 /NDF:2803699.4/37

Out: 104.987 $\pm$ 0.016 χ^2 /NDF:3138623.0/40

All: 105.764 $\pm$ 0.011 χ^2 /NDF: 5947387.0/78

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -951.441 ± 190.380 χ^2/NDF : 78.6/22

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 90.251 ± 193.333 χ^2/NDF : 23.2/20

Left: -438.611 ± 135.651 χ^2/NDF : 116.5/43

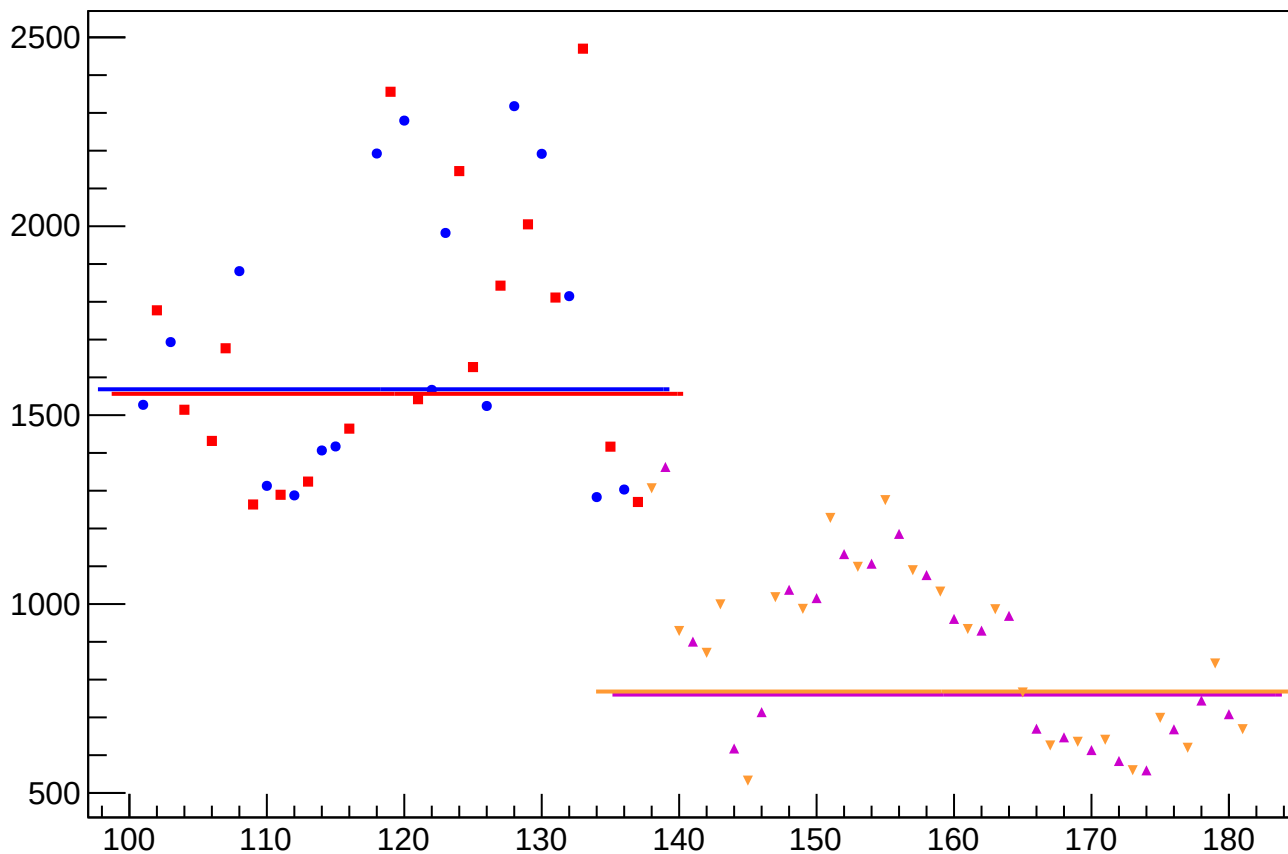
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: 26.861 ± 184.607 χ^2/NDF : 48.7/37

Out: -764.238 ± 181.450 χ^2/NDF : 98.5/40

All: -375.511 ± 129.406 χ^2/NDF : 156.6/78

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 768.453 $\pm$ 0.135 χ^2 /NDF: 2413776.3/22

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: 764.479 $\pm$ 0.096 χ^2 /NDF: 4493392.2/43

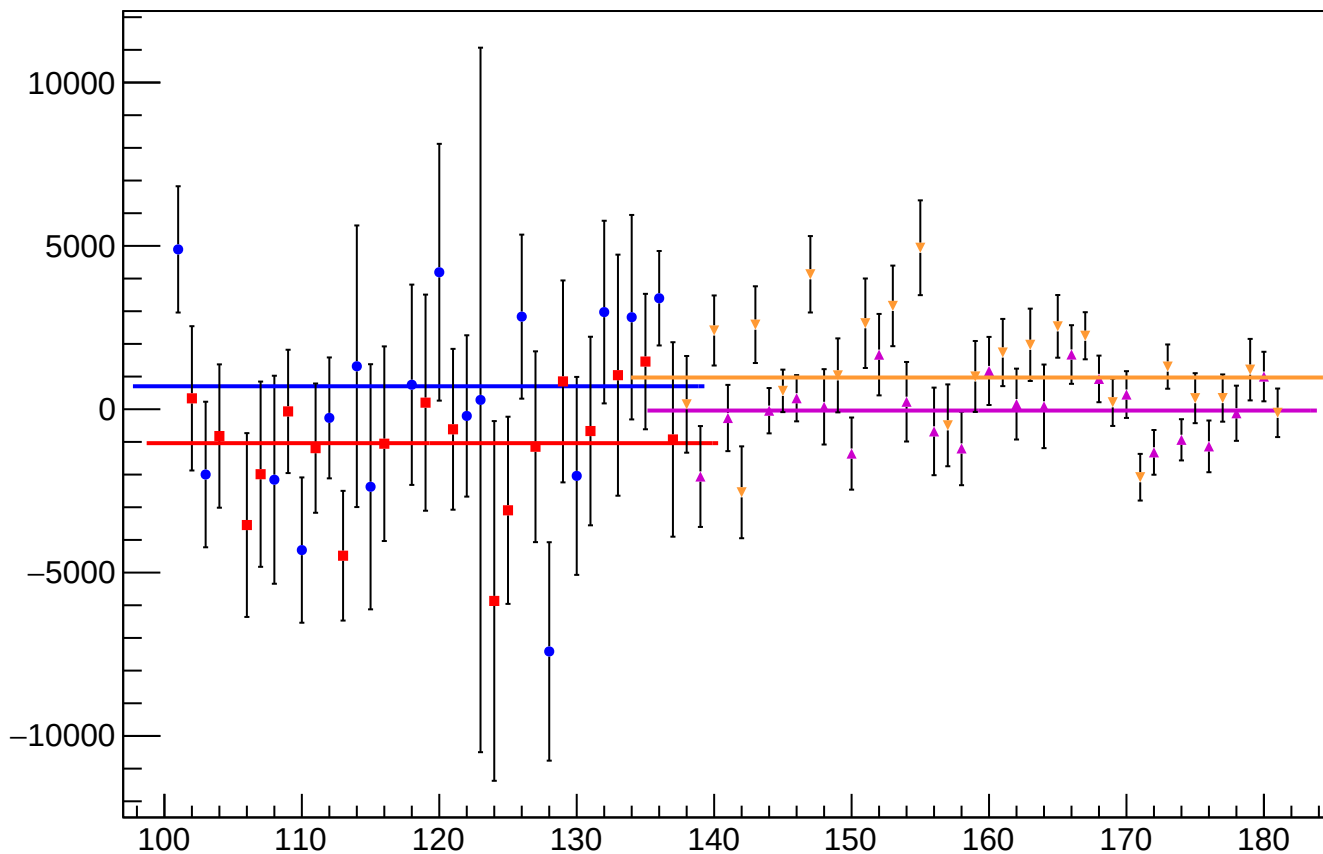
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 831.682 $\pm$ 0.131 χ^2 /NDF: 5695092.4/37

Out: 840.642 $\pm$ 0.128 χ^2 /NDF: 6063049.8/40

All: 836.239 $\pm$ 0.092 χ^2 /NDF: 11760539.0/78

asym_sam3_mean vs Slug, Sign Corrected



Left: 468.768 ± 136.597 $\chi^2/\text{NDF}: 98.9/43$

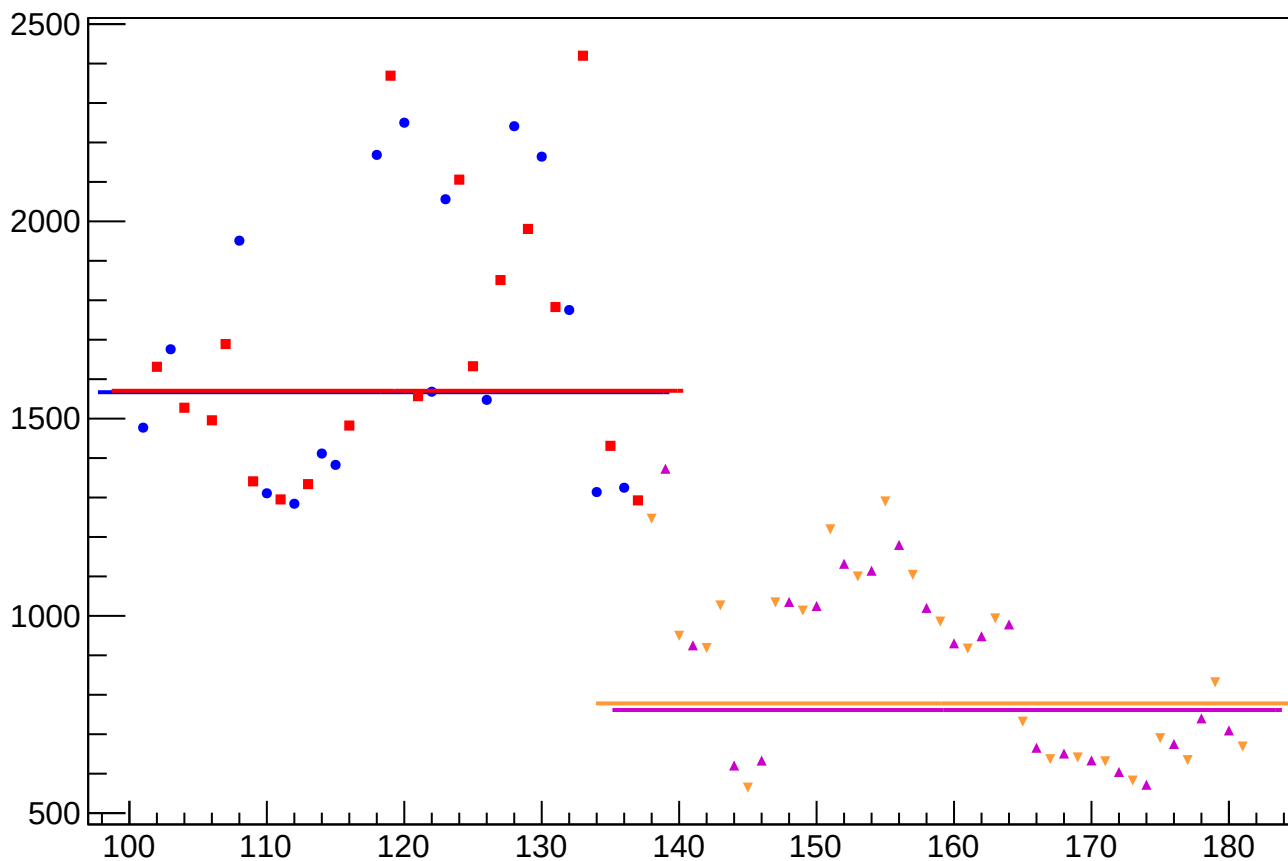
Right: -190.951 ± 432.940 $\chi^2/\text{NDF}: 38.2/34$

In: 25.978 ± 184.971 $\chi^2/\text{NDF}: 50.7/37$

Out: 785.986 ± 183.489 $\chi^2/\text{NDF}: 80.1/40$

All: 409.040 ± 130.267 $\chi^2/\text{NDF}: 139.2/78$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 ± 0.439 $\chi^2/\text{NDF}: 499846.2/16$

Left Out: 778.063 ± 0.136 $\chi^2/\text{NDF}: 2231414.0/22$

Right Out: 1570.549 ± 0.427 $\chi^2/\text{NDF}: 439261.0/17$

Left In: 761.349 ± 0.137 $\chi^2/\text{NDF}: 2010593.7/20$

Left: 769.757 ± 0.097 $\chi^2/\text{NDF}: 4249493.6/43$

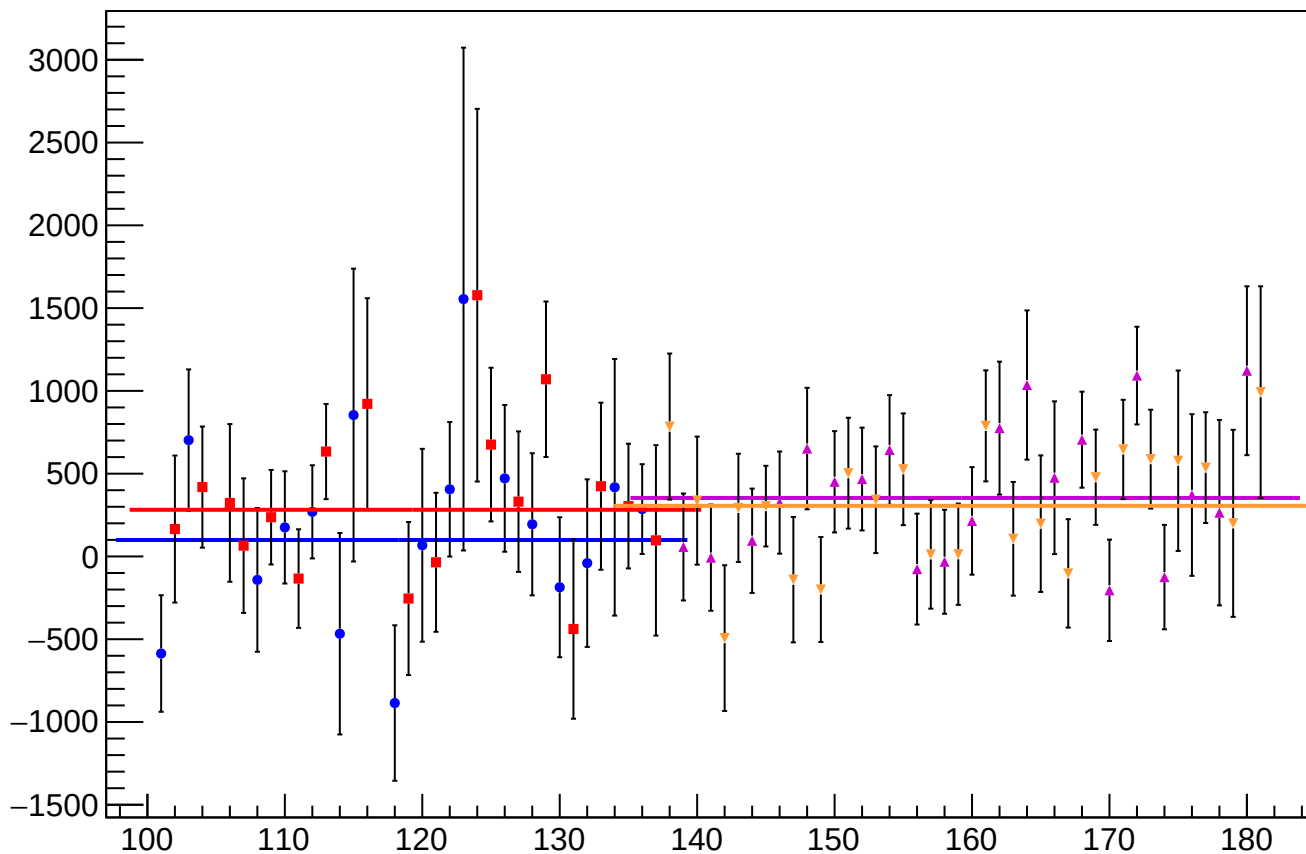
Right: 1568.791 ± 0.306 $\chi^2/\text{NDF}: 939142.0/34$

In: 832.909 ± 0.131 $\chi^2/\text{NDF}: 5580917.9/37$

Out: 851.139 ± 0.130 $\chi^2/\text{NDF}: 5793621.1/40$

All: 842.097 ± 0.092 $\chi^2/\text{NDF}: 11384330.7/78$

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 305.671 $\pm$ 72.110 χ^2/NDF : 19.4/22

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: 328.493 $\pm$ 52.026 χ^2/NDF : 46.5/43

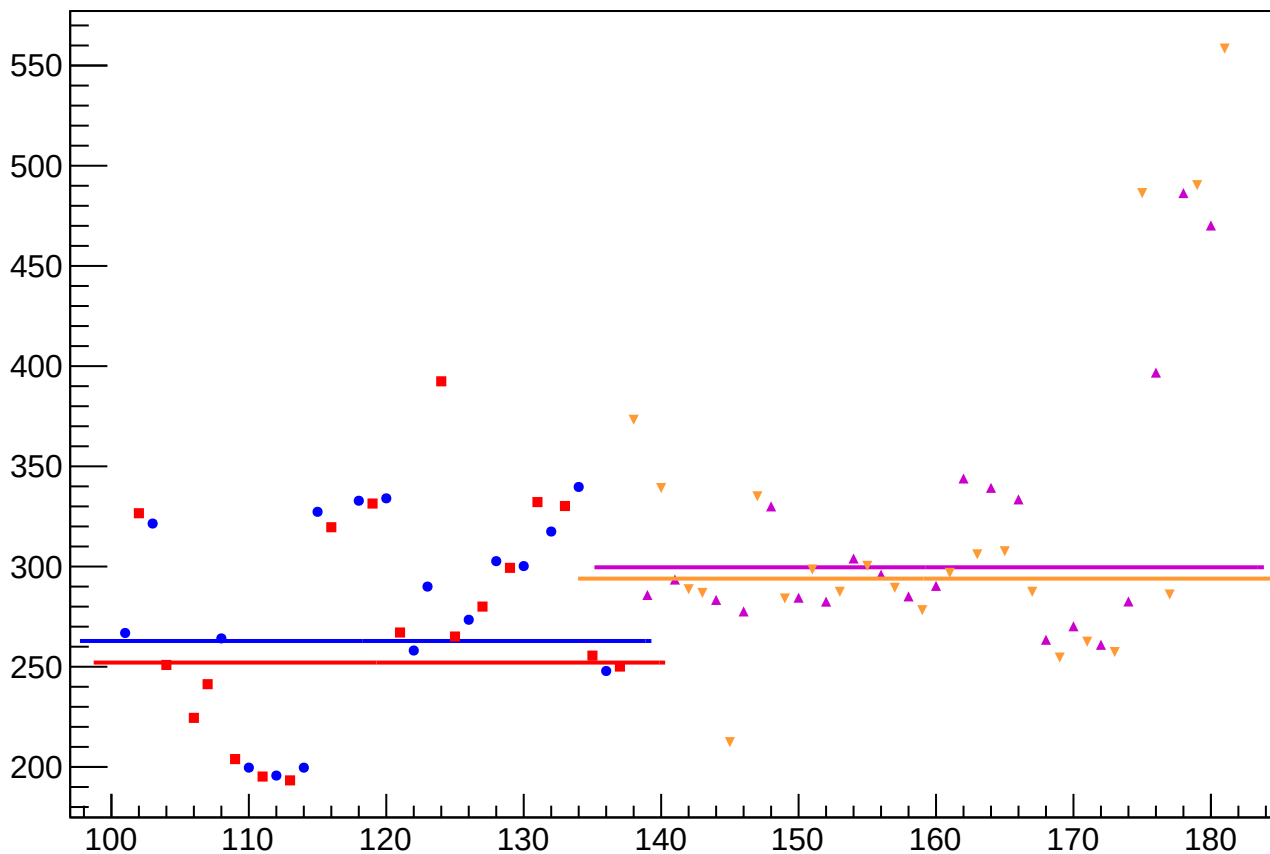
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 265.612 $\pm$ 60.795 χ^2/NDF : 46.8/37

Out: 297.284 $\pm$ 58.056 χ^2/NDF : 33.2/40

All: 282.177 $\pm$ 41.987 χ^2/NDF : 80.1/78

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 293.977 $\pm$ 0.051 χ^2 /NDF:1280007.9/22

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 299.624 $\pm$ 0.053 χ^2 /NDF:716625.1/20

Left: 296.684 $\pm$ 0.037 χ^2 /NDF: 2002513.4/43

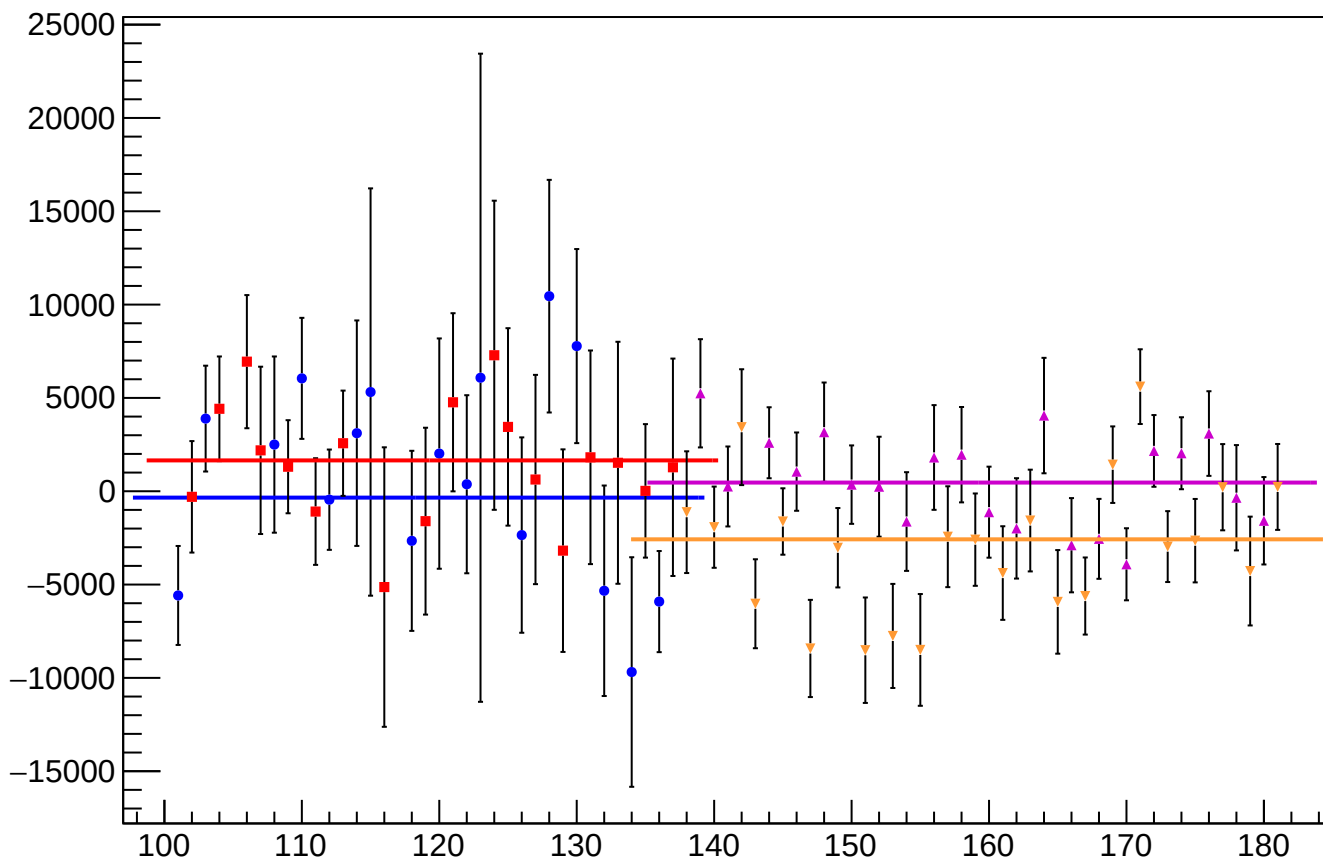
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 286.929 $\pm$ 0.043 χ^2 /NDF:1293688.6/37

Out: 279.237 $\pm$ 0.041 χ^2 /NDF:2032692.0/40

All: 282.906 $\pm$ 0.030 χ^2 /NDF: 3343126.5/78

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 χ^2/NDF : 24.4/16

Left Out: -2576.557 ± 496.777 χ^2/NDF : 51.4/22

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: -1091.340 ± 355.327 χ^2/NDF : 91.1/43

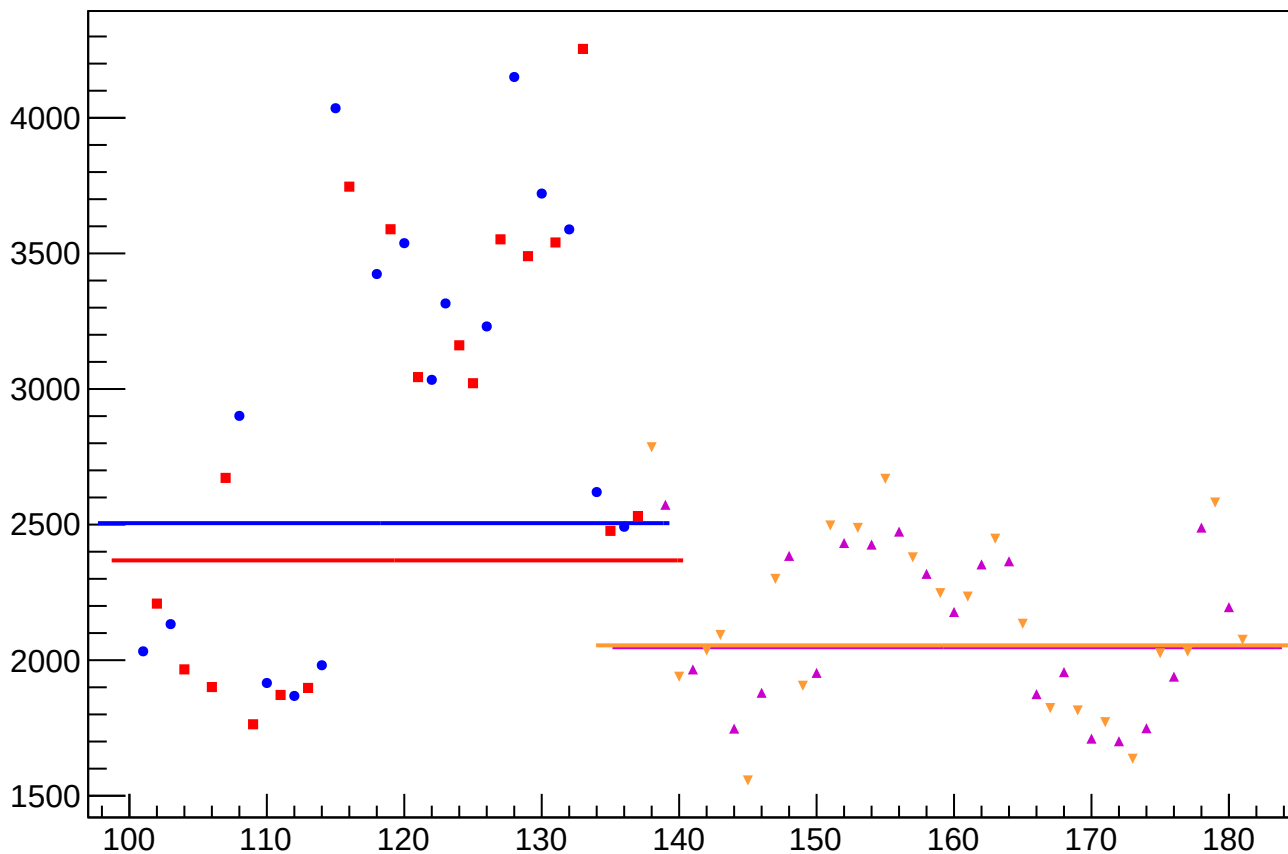
Right: 732.150 ± 682.415 χ^2/NDF : 34.5/34

In: 300.100 ± 453.653 χ^2/NDF : 46.4/37

Out: -1637.630 ± 438.166 χ^2/NDF : 75.4/40

All: -702.405 ± 315.163 χ^2/NDF : 131.3/78

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2054.660 $\pm$ 0.351 χ^2 /NDF: 822458.3/22

Right Out: 2368.003 $\pm$ 0.658 χ^2 /NDF: 1030879.9/17

Left In: 2047.763 $\pm$ 0.360 χ^2 /NDF: 619188.0/20

Left: 2051.292 $\pm$ 0.251 χ^2 /NDF: 1441834.6/43

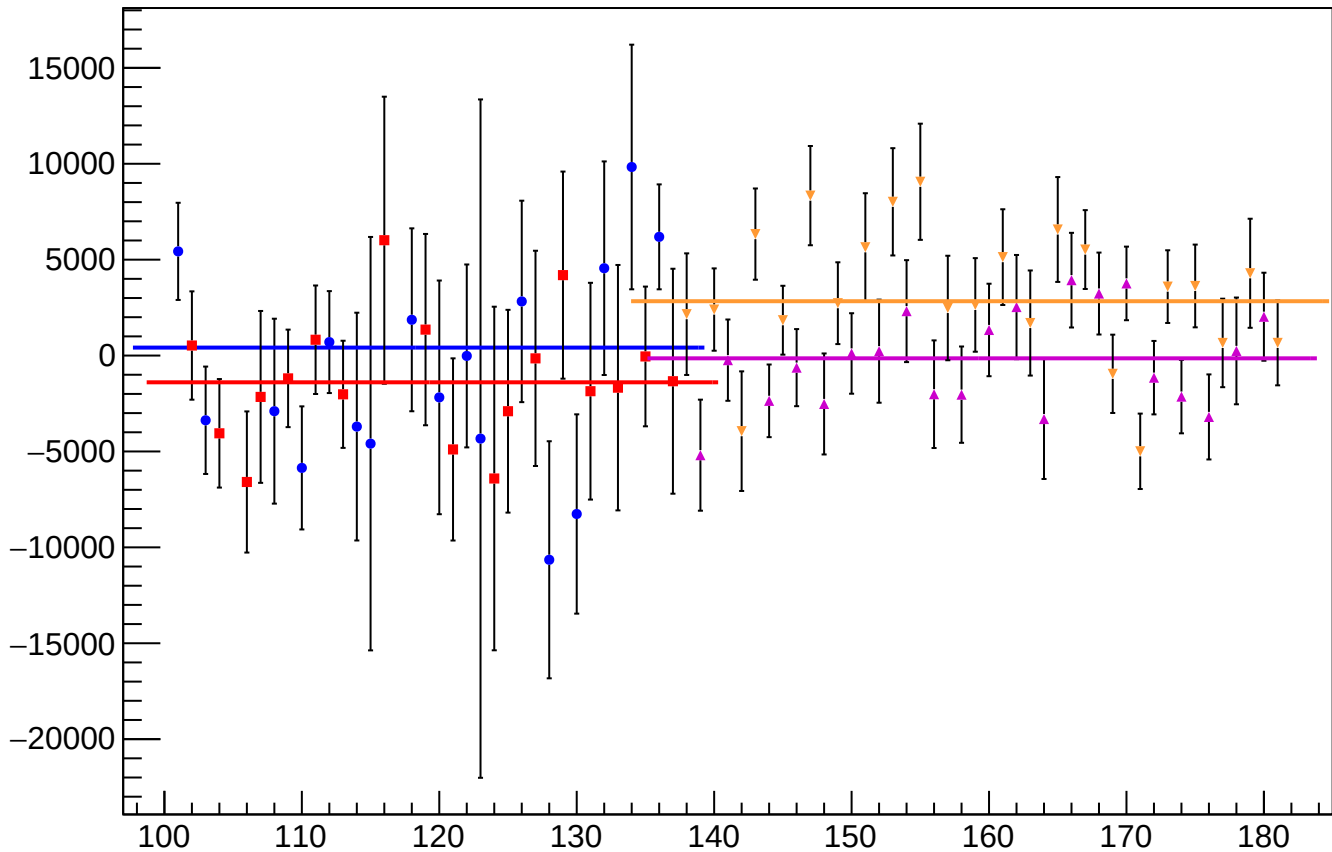
Right: 2431.366 $\pm$ 0.483 χ^2 /NDF: 1915141.0/34

In: 2141.064 $\pm$ 0.321 χ^2 /NDF: 1813604.1/37

Out: 2124.237 $\pm$ 0.310 χ^2 /NDF: 2030019.4/40

All: 2132.358 $\pm$ 0.223 χ^2 /NDF: 3845047.2/78

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 2833.786 ± 493.076 $\chi^2/\text{NDF}: 46.8/22$

Right Out: -1394.660 ± 928.996 $\chi^2/\text{NDF}: 7.5/17$

Left In: -144.450 ± 503.897 $\chi^2/\text{NDF}: 23.1/20$

Left: 1376.989 ± 352.421 $\chi^2/\text{NDF}: 87.8/43$

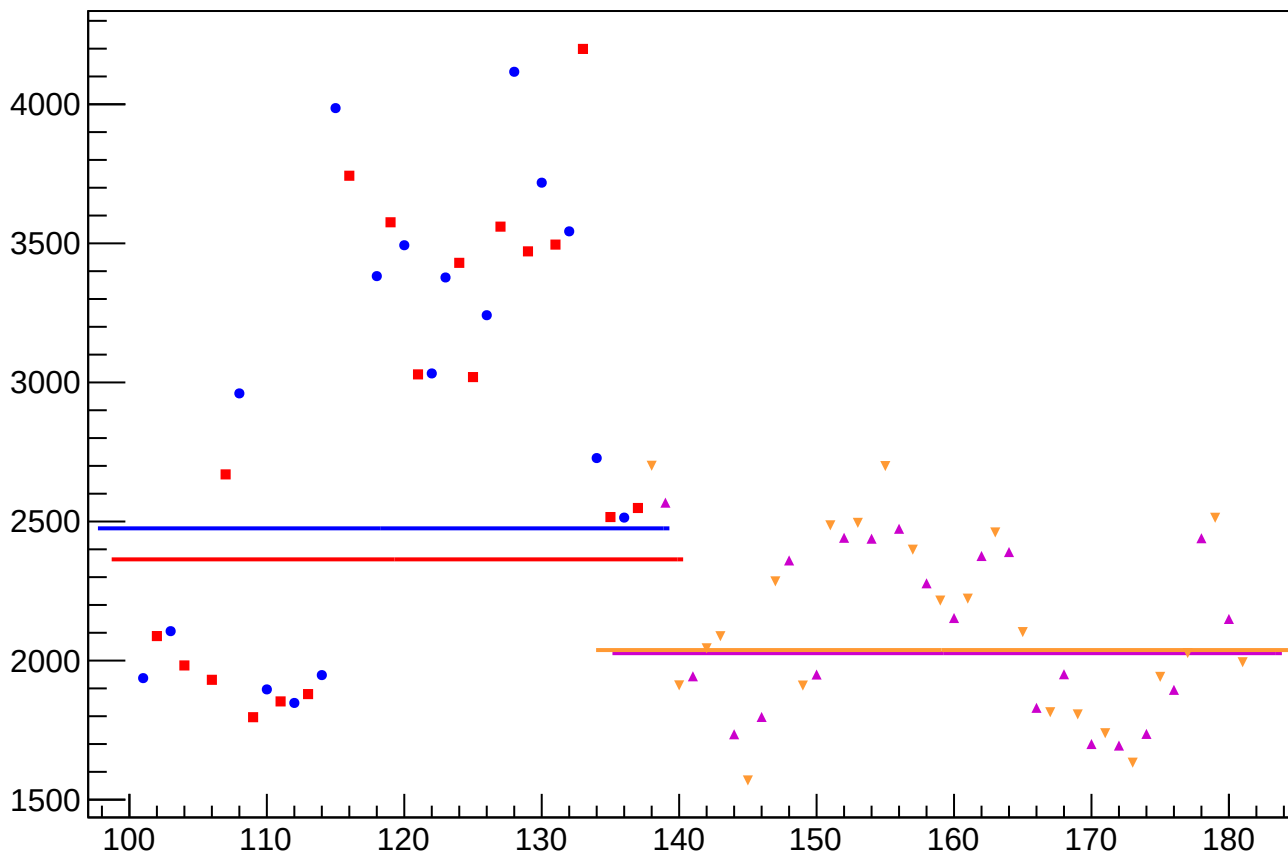
Right: -551.504 ± 679.008 $\chi^2/\text{NDF}: 33.8/34$

In: -30.127 ± 449.529 $\chi^2/\text{NDF}: 47.9/37$

Out: 1904.410 ± 435.531 $\chi^2/\text{NDF}: 70.5/40$

All: 967.730 ± 312.799 $\chi^2/\text{NDF}: 127.9/78$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2037.832 $\pm$ 0.349 χ^2 /NDF: 809563.9/22

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2026.665 $\pm$ 0.356 χ^2 /NDF: 649467.5/20

Left: 2032.370 $\pm$ 0.249 χ^2 /NDF: 1459533.2/43

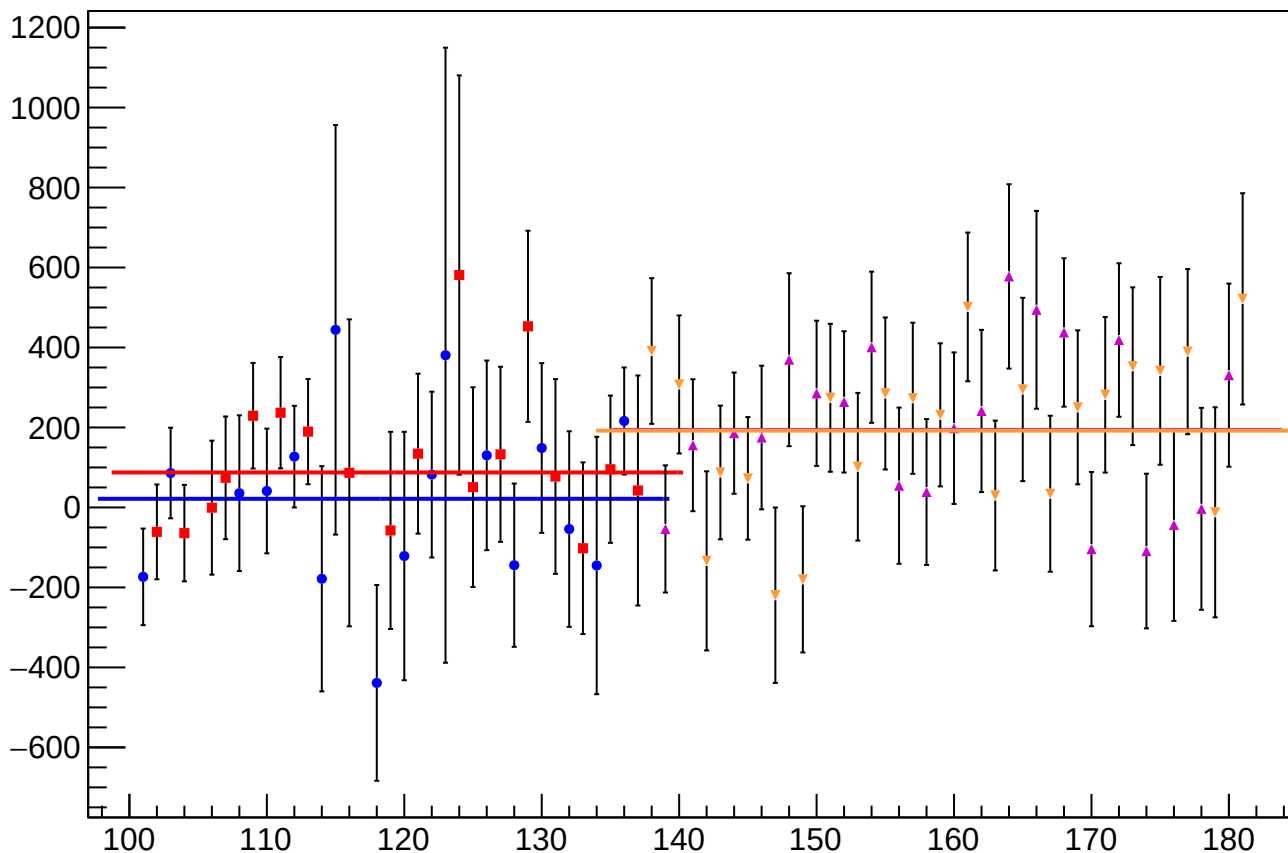
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2118.280 $\pm$ 0.318 χ^2 /NDF: 1886387.8/37

Out: 2109.500 $\pm$ 0.308 χ^2 /NDF: 2028681.4/40

All: 2113.751 $\pm$ 0.221 χ^2 /NDF: 3915462.7/78

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 192.159 $\pm$ 40.474 χ^2/NDF : 22.2/22

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: 192.962 $\pm$ 29.129 χ^2/NDF : 42.3/43

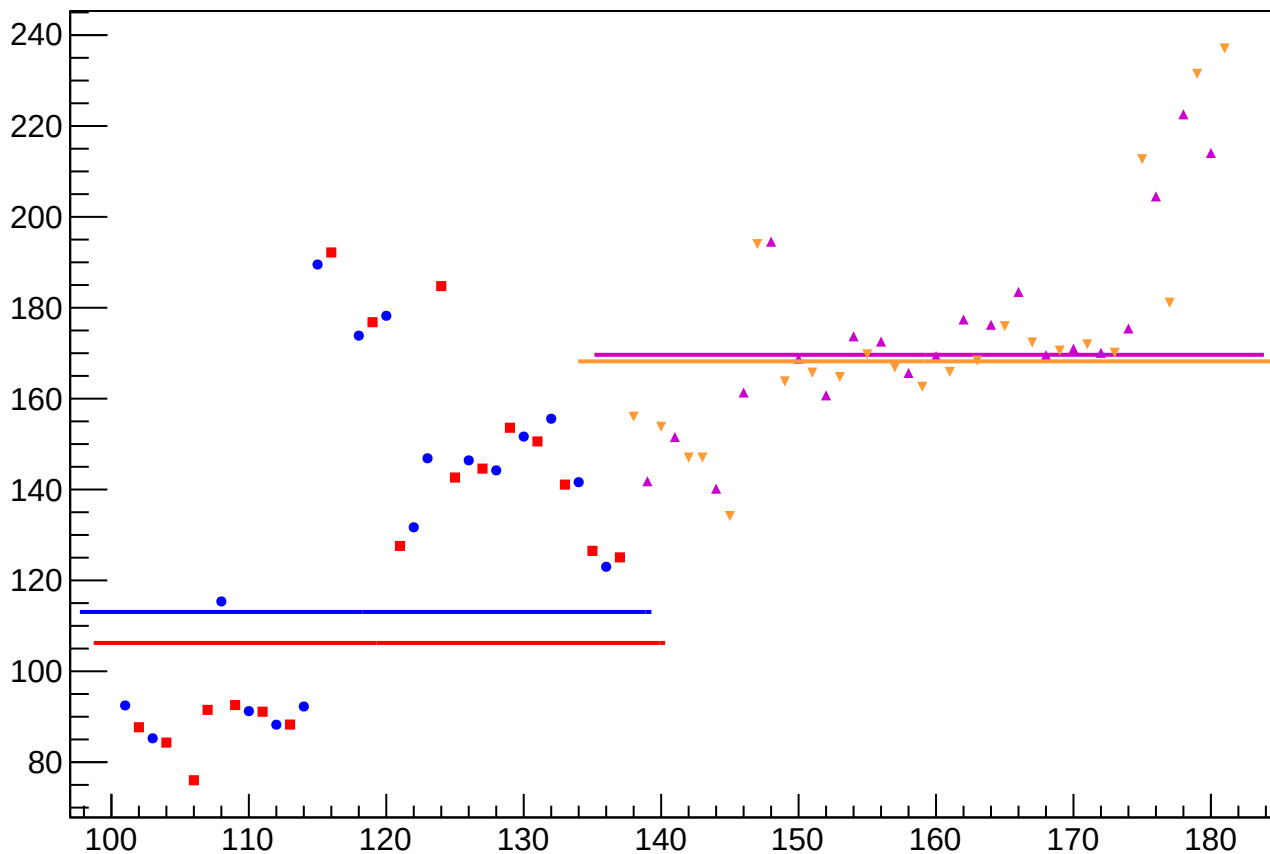
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 114.055 $\pm$ 30.737 χ^2/NDF : 40.6/37

Out: 141.519 $\pm$ 29.086 χ^2/NDF : 36.3/40

All: 128.544 $\pm$ 21.126 χ^2/NDF : 77.3/78

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 168.204 $\pm$ 0.029 χ^2 /NDF:539754.1/22

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 169.649 $\pm$ 0.030 χ^2 /NDF:417168.6/20

Left: 168.901 $\pm$ 0.021 χ^2 /NDF: 958151.9/43

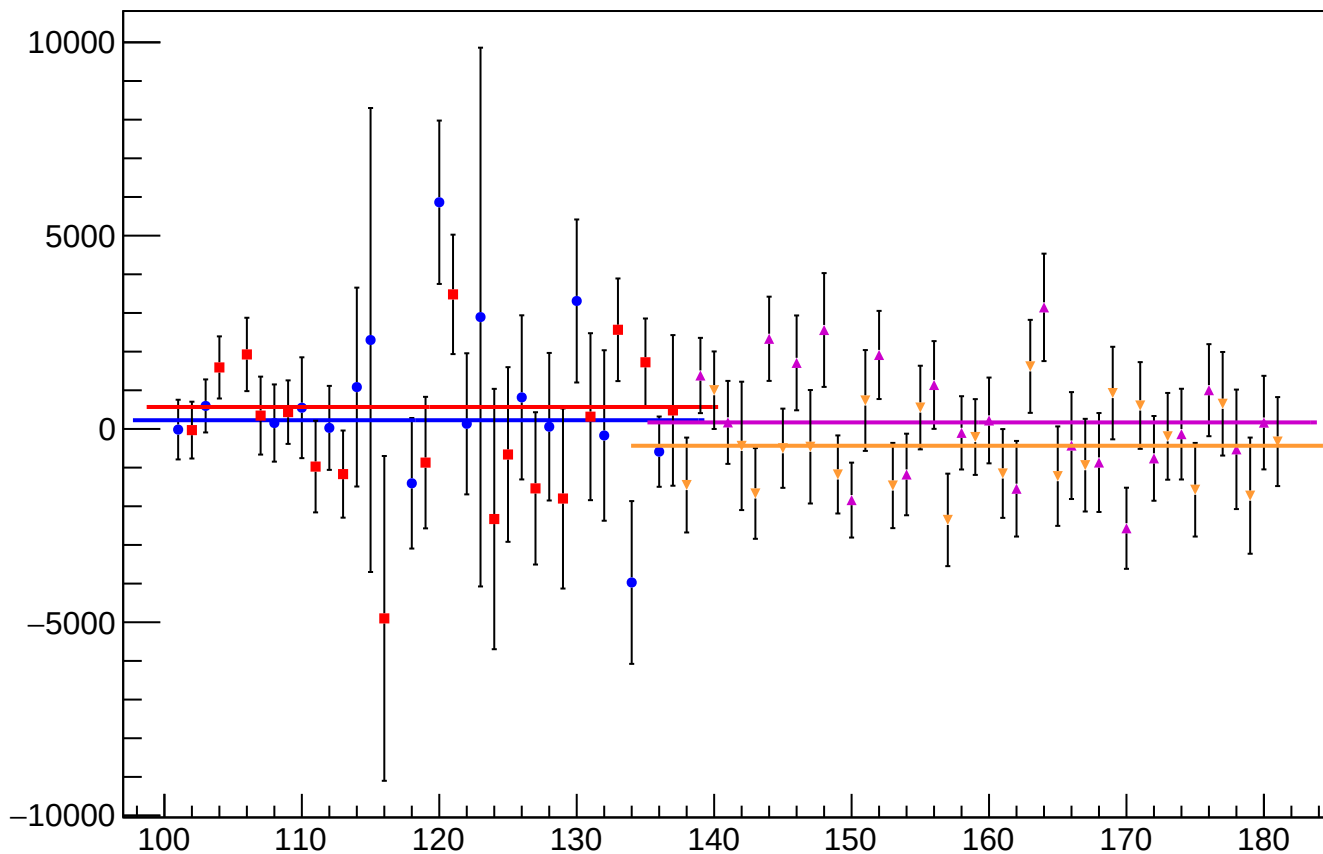
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 143.431 $\pm$ 0.022 χ^2 /NDF:2923741.9/37

Out: 138.240 $\pm$ 0.021 χ^2 /NDF:3758266.8/40

All: 140.692 $\pm$ 0.015 χ^2 /NDF: 6712100.7/78

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -434.730 $\pm$ 245.248 χ^2 /NDF:17.9/22

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: -139.476 $\pm$ 175.320 χ^2 /NDF: 55.3/43

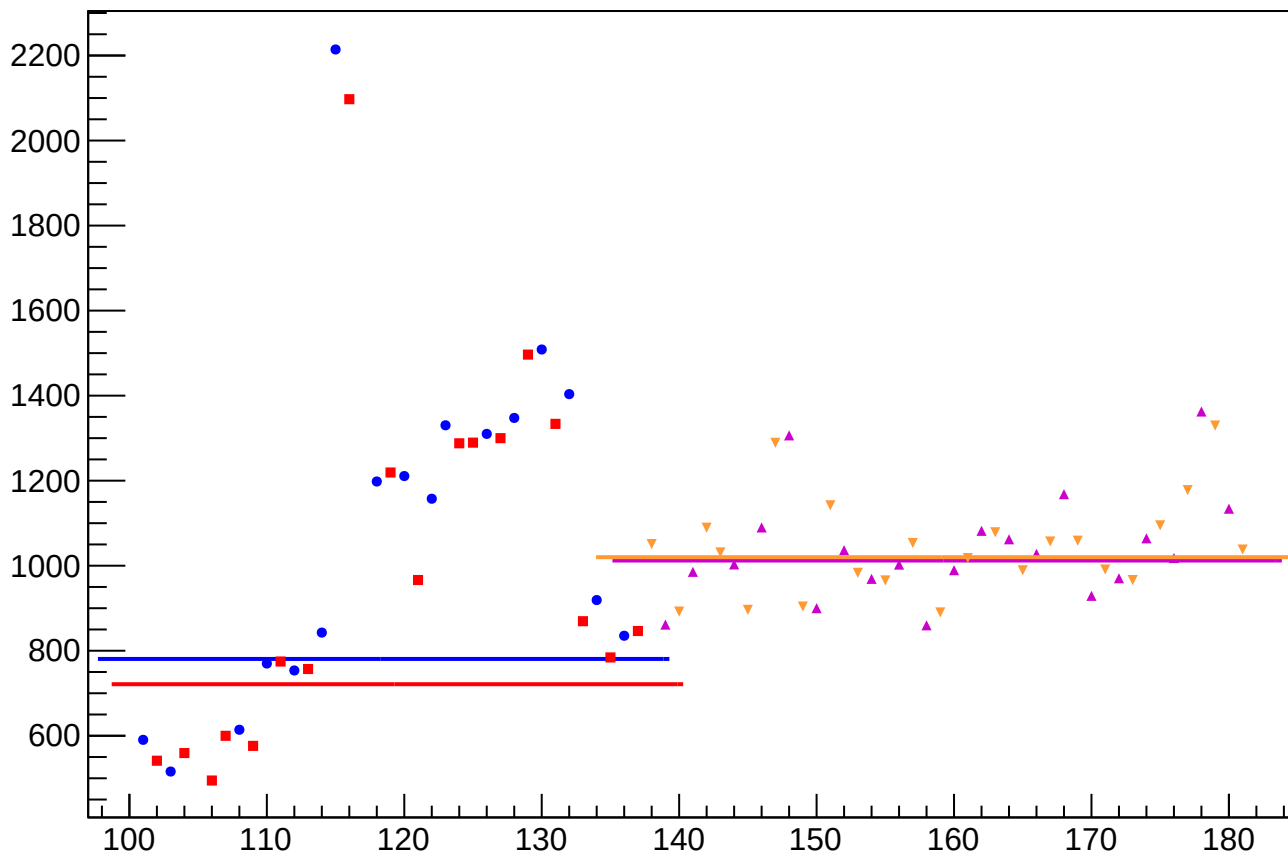
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 190.492 $\pm$ 197.689 χ^2 /NDF:50.4/37

Out: -17.415 $\pm$ 187.397 χ^2 /NDF:45.8/40

All: 80.986 $\pm$ 136.003 χ^2 /NDF: 96.8/78

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1020.005 $\pm$ 0.173 χ^2 /NDF:358562.0/22

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: 1016.182 $\pm$ 0.124 χ^2 /NDF: 762216.3/43

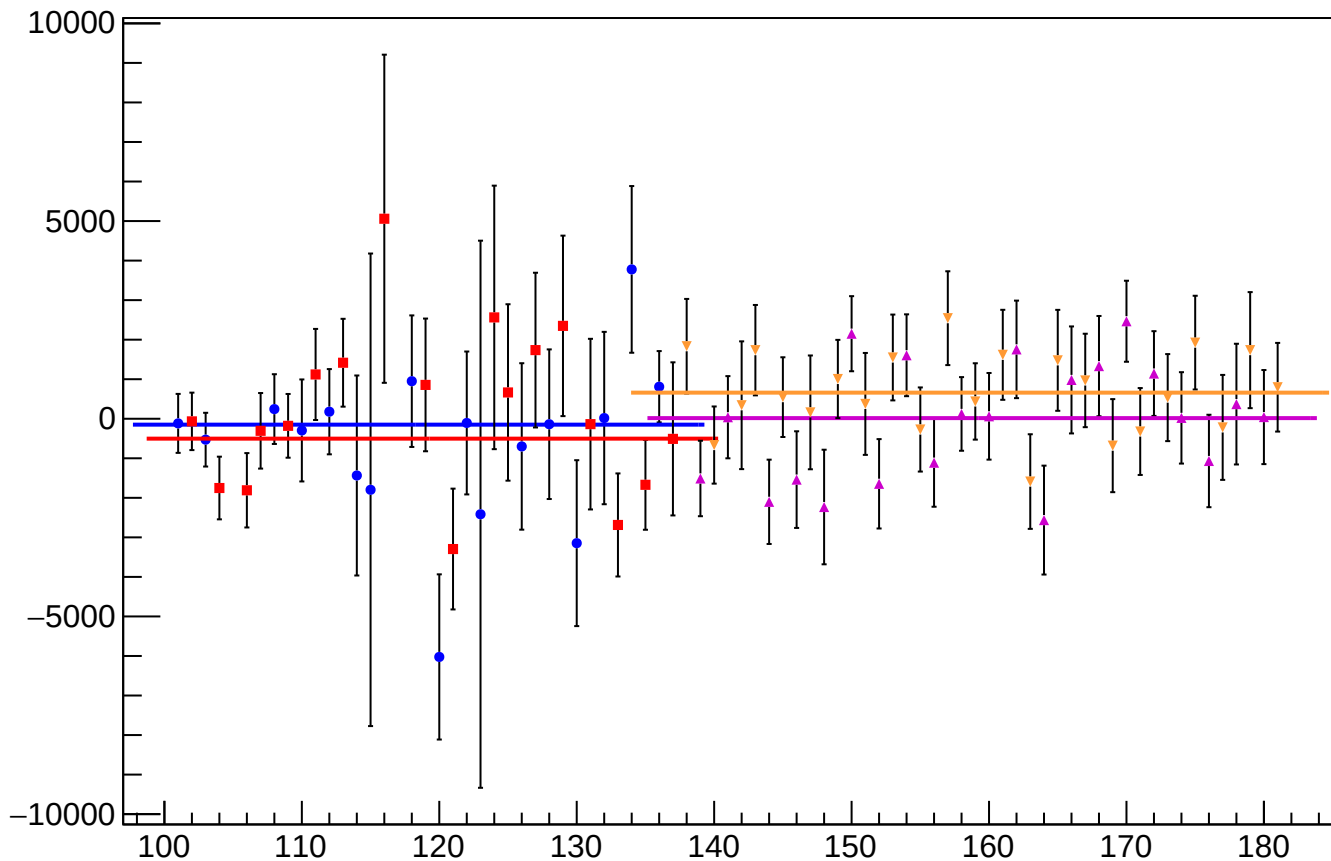
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 924.614 $\pm$ 0.140 χ^2 /NDF:2657138.8/37

Out: 895.688 $\pm$ 0.133 χ^2 /NDF:3220116.4/40

All: 909.379 $\pm$ 0.096 χ^2 /NDF: 5899808.5/78

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 660.370 ± 240.997 χ^2/NDF : 17.0/22

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: 345.493 ± 172.322 χ^2/NDF : 56.5/43

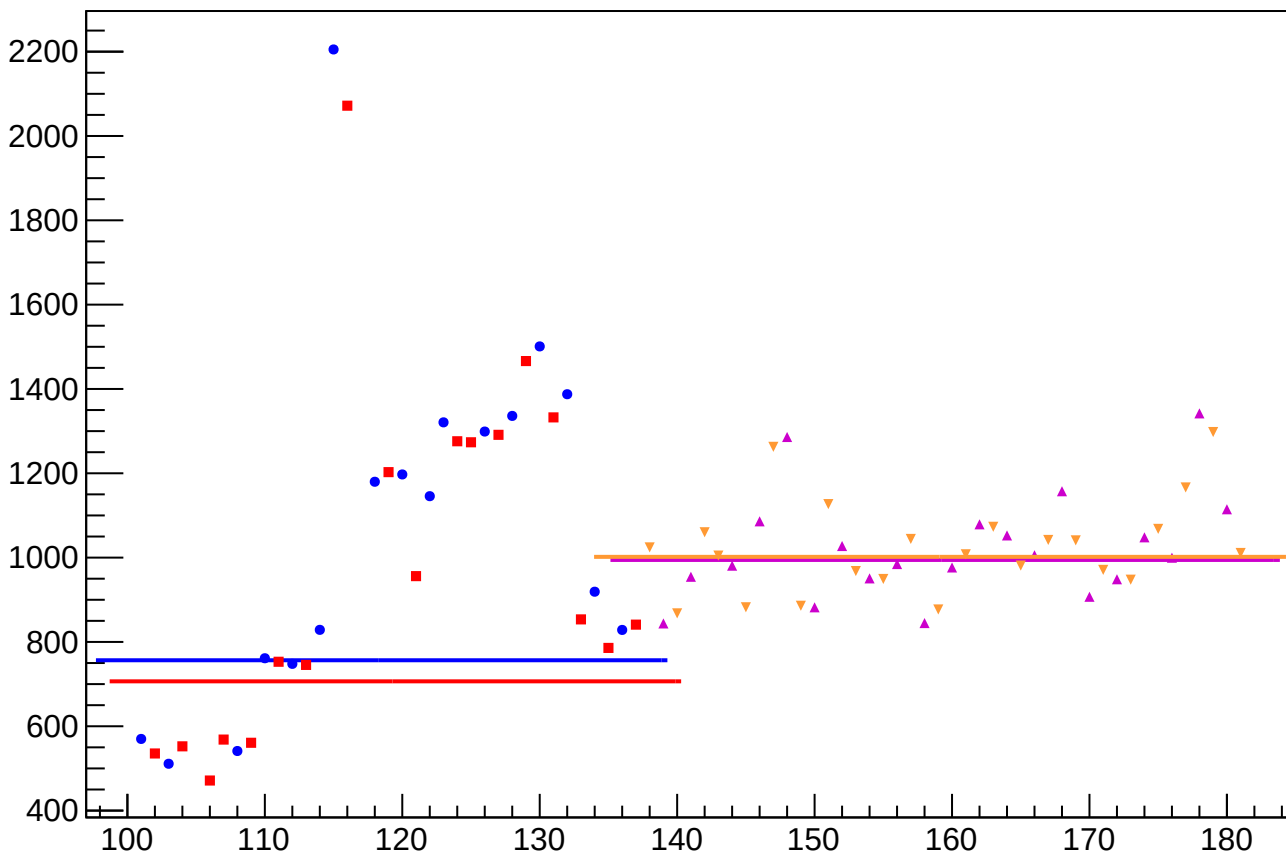
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -47.184 ± 193.646 χ^2/NDF : 52.3/37

Out: 176.811 ± 184.234 χ^2/NDF : 50.3/40

All: 70.389 ± 133.476 χ^2/NDF : 103.3/78

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1001.812 $\pm$ 0.170 χ^2 /NDF: 361209.7/22

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 994.469 $\pm$ 0.174 χ^2 /NDF: 423701.7/20

Left: 998.223 $\pm$ 0.122 χ^2 /NDF: 785819.0/43

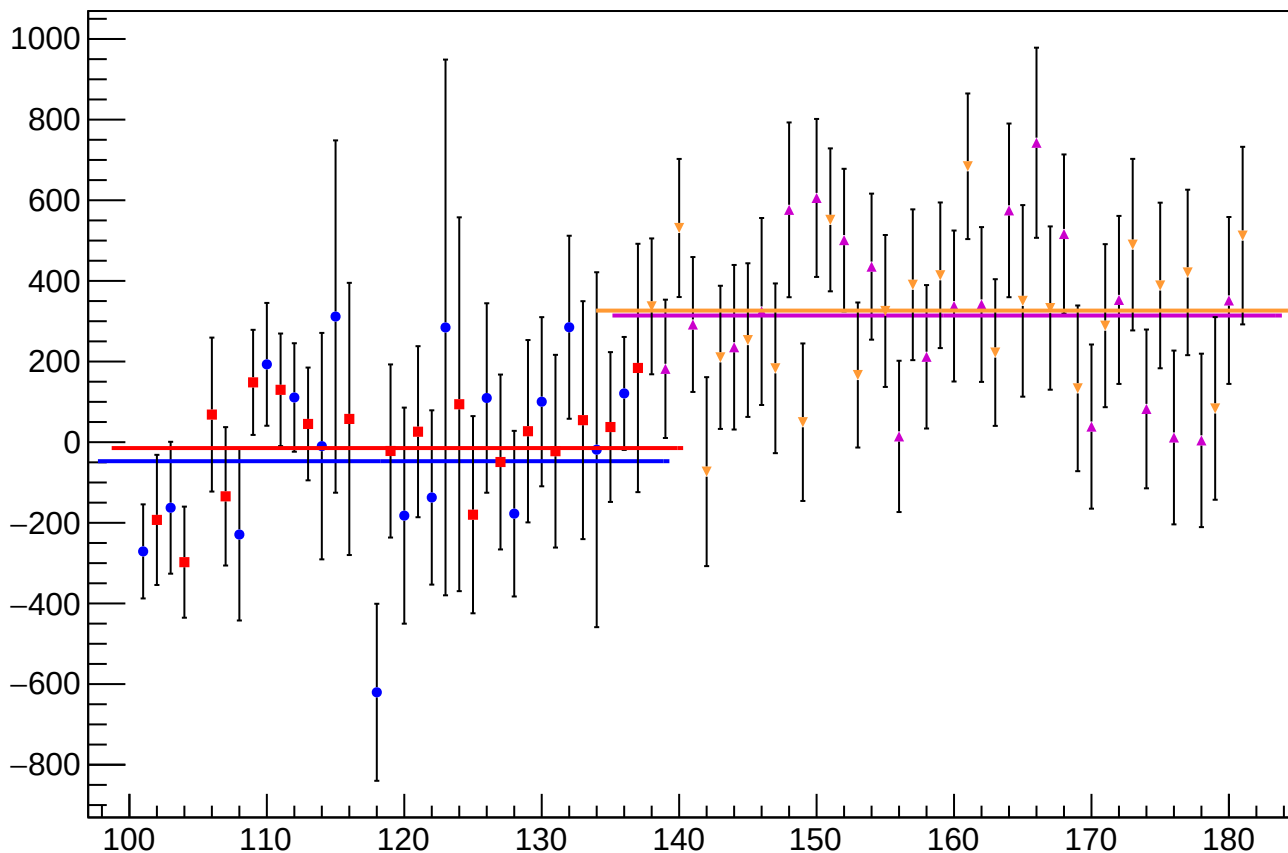
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 903.377 $\pm$ 0.137 χ^2 /NDF: 2850743.3/37

Out: 879.103 $\pm$ 0.130 χ^2 /NDF: 3278868.6/40

All: 890.636 $\pm$ 0.094 χ^2 /NDF: 6146108.5/78

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 326.347 $\pm$ 40.604 χ^2/NDF : 18.1/22

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 314.114 $\pm$ 42.936 χ^2/NDF : 22.1/20

Left: 320.572 $\pm$ 29.501 χ^2/NDF : 40.2/43

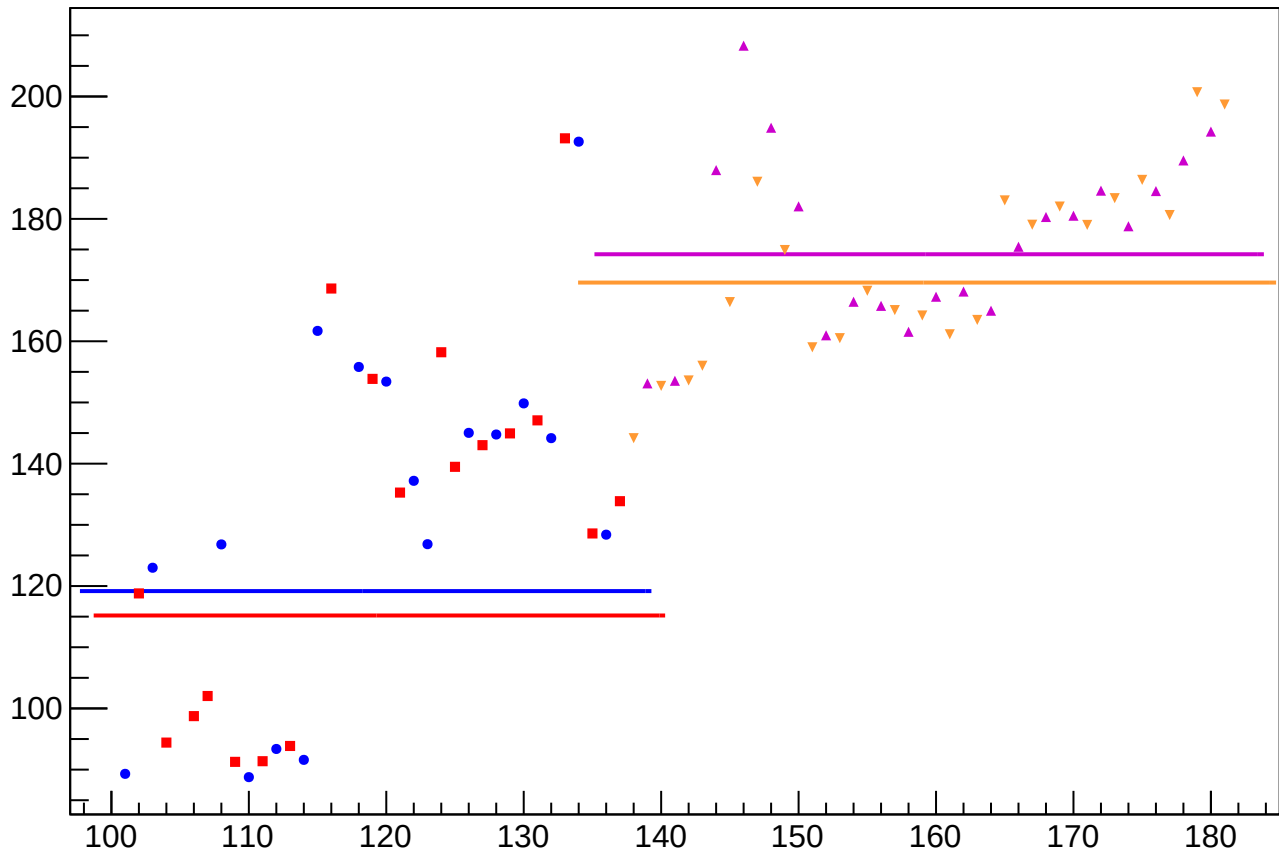
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 150.792 $\pm$ 31.782 χ^2/NDF : 76.0/37

Out: 172.761 $\pm$ 30.101 χ^2/NDF : 60.0/40

All: 162.373 $\pm$ 21.855 χ^2/NDF : 136.2/78

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 169.594 $\pm$ 0.029 χ^2 /NDF:244800.3/22

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: 171.778 $\pm$ 0.021 χ^2 /NDF: 472508.0/43

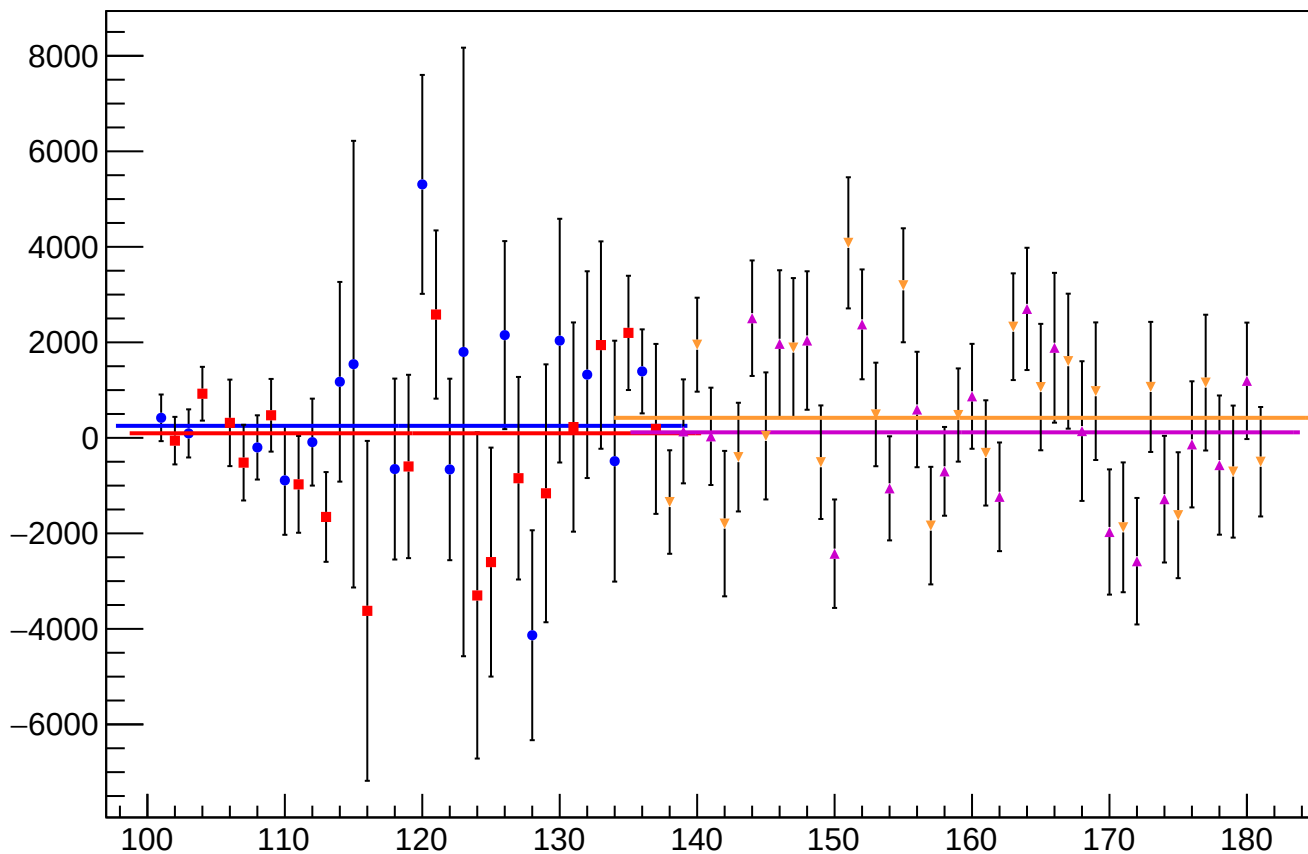
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 149.336 $\pm$ 0.022 χ^2 /NDF:2316812.9/37

Out: 145.087 $\pm$ 0.021 χ^2 /NDF:2537810.2/40

All: 147.096 $\pm$ 0.015 χ^2 /NDF: 4873463.5/78

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 419.576+/-256.186 χ^2/NDF : 36.8/22

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: 273.390+/-184.551 χ^2/NDF : 71.6/43

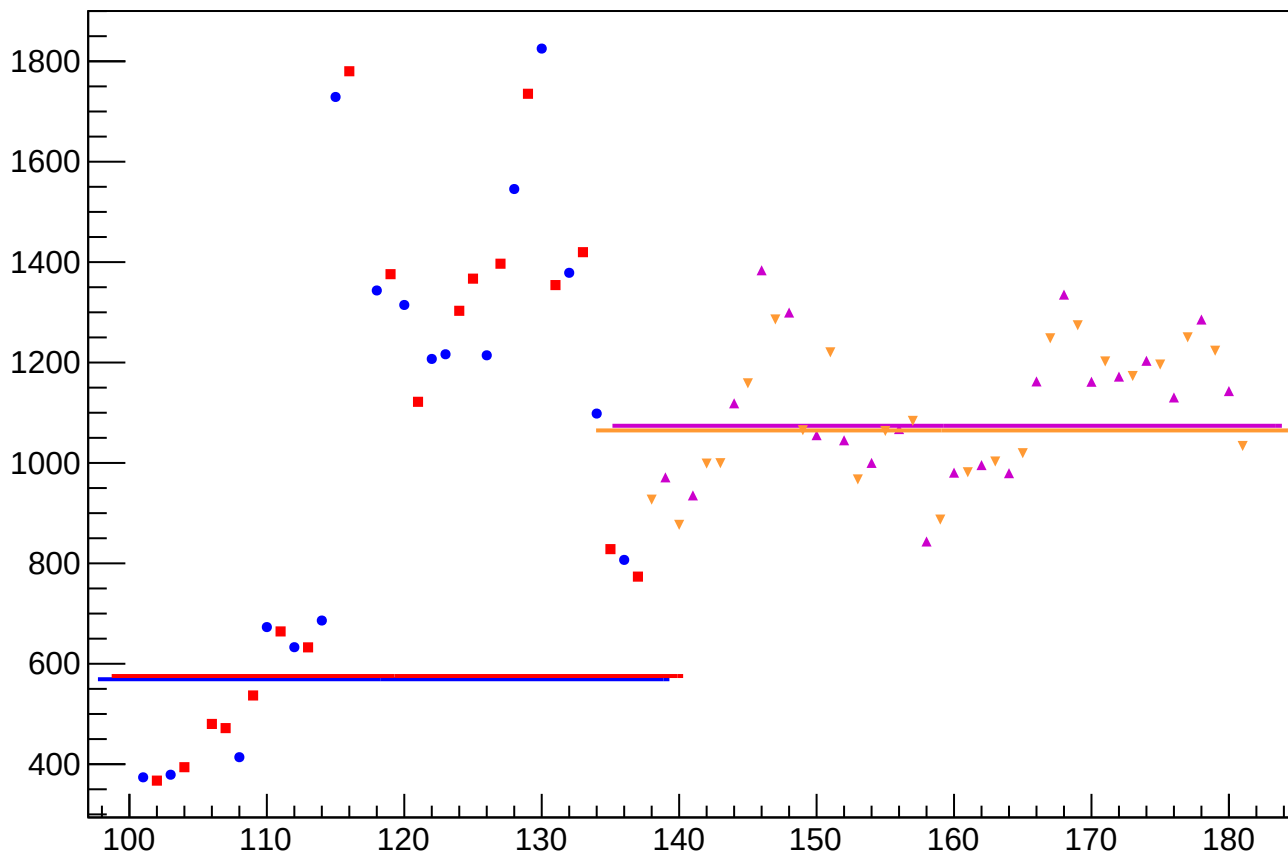
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 187.186+/-183.281 χ^2/NDF : 49.2/37

Out: 250.960+/-177.345 χ^2/NDF : 55.1/40

All: 220.122+/-127.449 χ^2/NDF : 104.3/78

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.768 $\pm$ 0.181 χ^2 /NDF: 491039.4/22

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: 1069.227 $\pm$ 0.130 χ^2 /NDF: 1009213.0/43

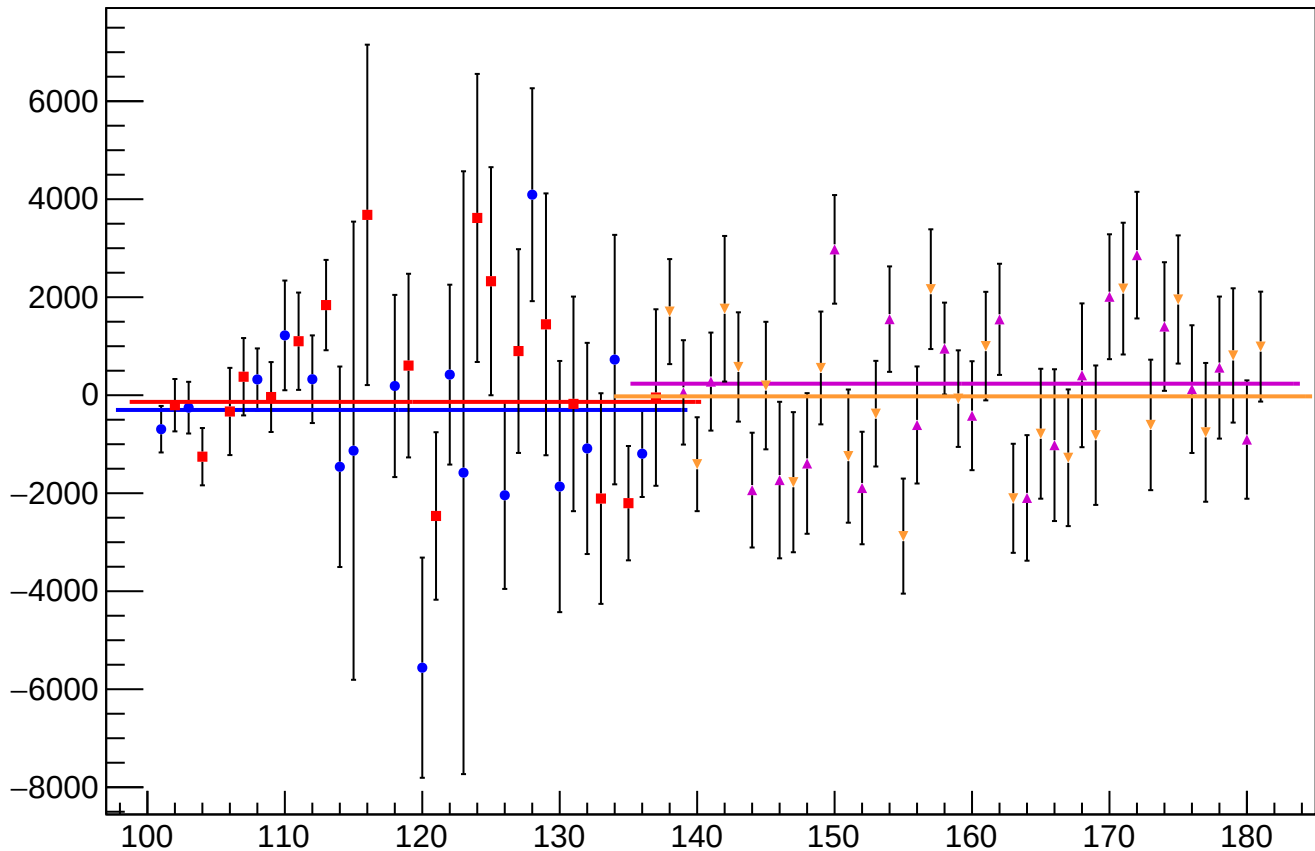
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 808.721 $\pm$ 0.130 χ^2 /NDF: 7567560.1/37

Out: 810.006 $\pm$ 0.125 χ^2 /NDF: 7347041.0/40

All: 809.385 $\pm$ 0.090 χ^2 /NDF: 14914652.0/78

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -23.374 ± 253.142 χ^2/NDF : 30.6/22

Right Out: -136.107 ± 247.692 χ^2/NDF : 20.9/17

Left In: 235.151 ± 263.672 χ^2/NDF : 31.9/20

Left: 100.623 ± 182.608 χ^2/NDF : 63.0/43

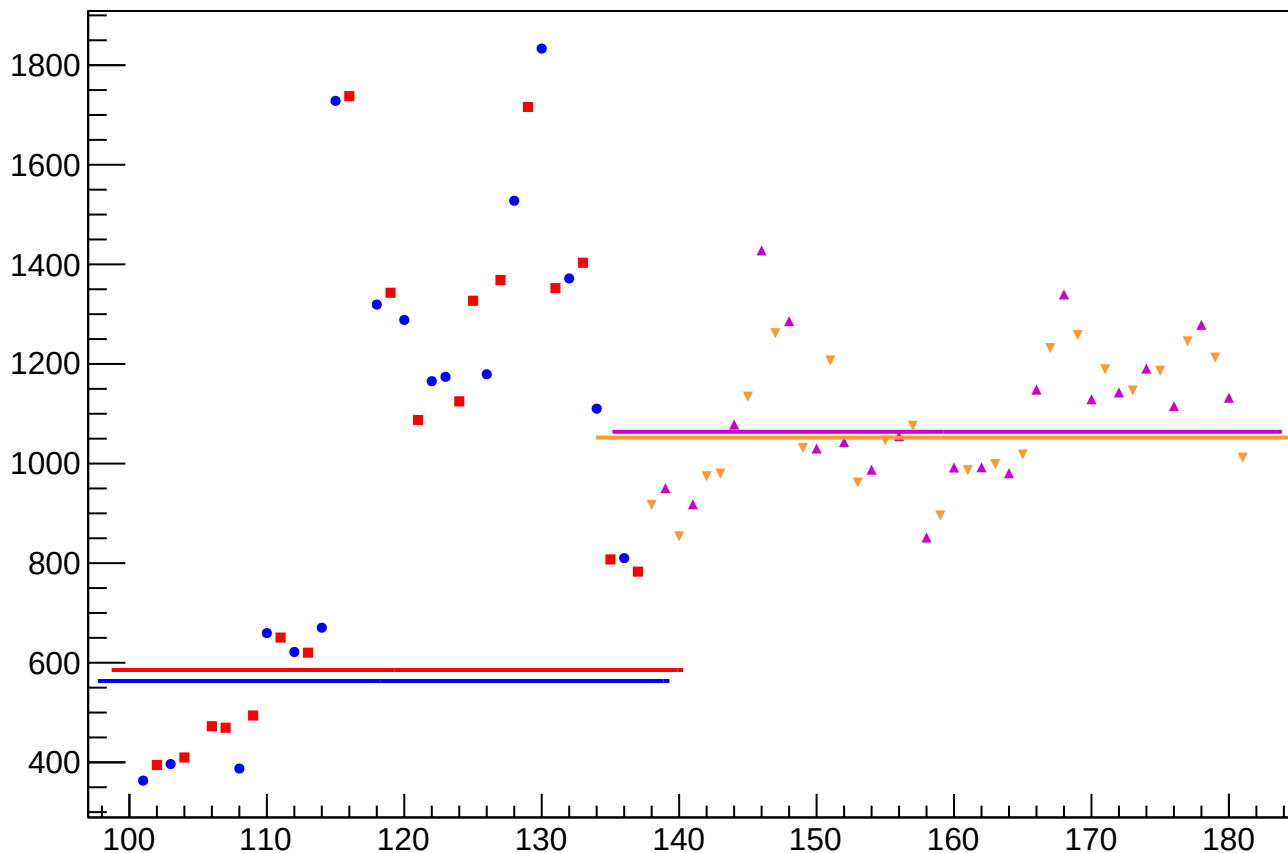
Right: -217.517 ± 176.060 χ^2/NDF : 37.8/34

In: -46.679 ± 181.533 χ^2/NDF : 50.8/37

Out: -80.967 ± 177.040 χ^2/NDF : 51.6/40

All: -64.253 ± 126.745 χ^2/NDF : 102.4/78

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1052.177 $\pm$ 0.179 χ^2 /NDF: 481581.9/22

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1063.833 $\pm$ 0.186 χ^2 /NDF: 518768.4/20

Left: 1057.768 $\pm$ 0.129 χ^2 /NDF: 1002384.3/43

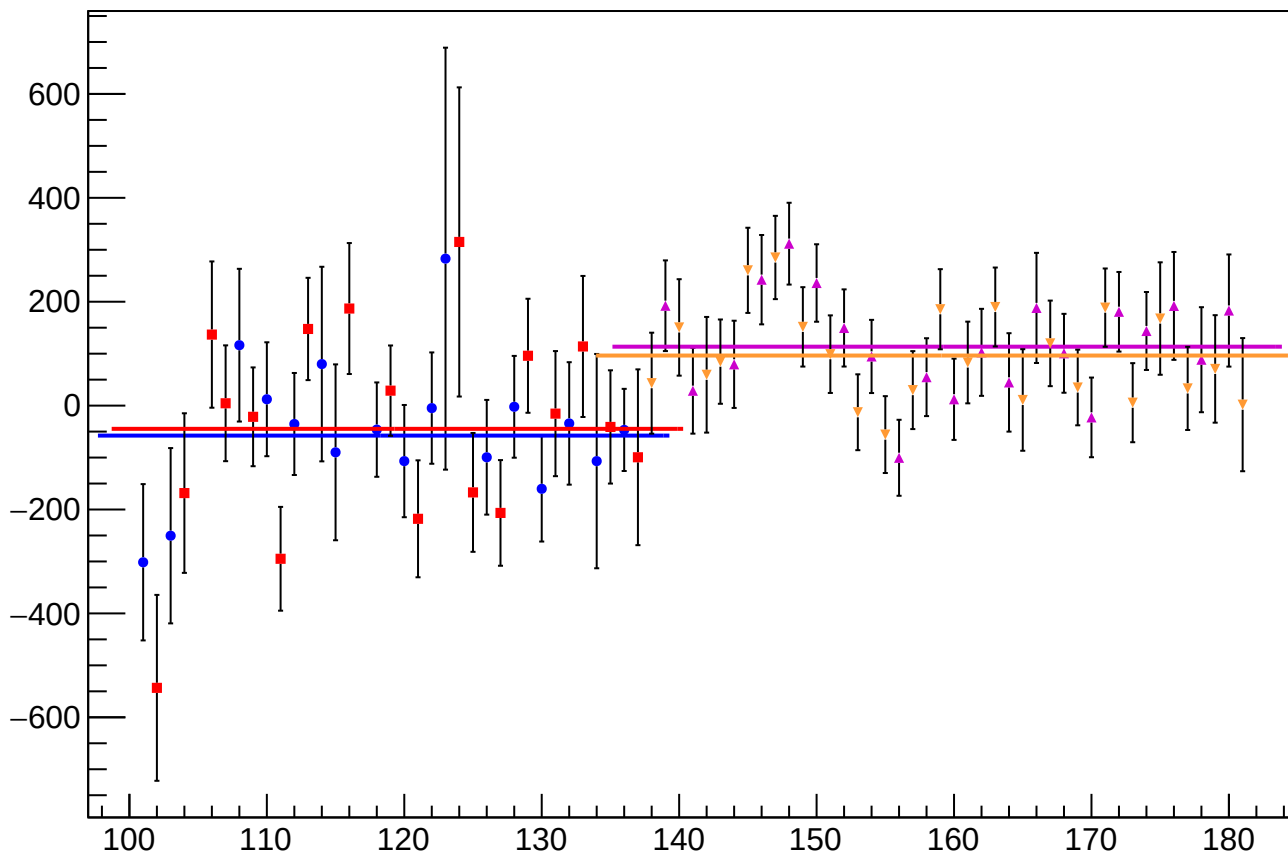
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 800.604 $\pm$ 0.128 χ^2 /NDF: 7567362.9/37

Out: 813.729 $\pm$ 0.125 χ^2 /NDF: 6773226.4/40

All: 807.331 $\pm$ 0.090 χ^2 /NDF: 14345947.2/78

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709±/28.693 χ^2/NDF : 9.1/16

Left Out: 96.401±/17.289 χ^2/NDF :27.1/22

Right Out: -44.693±/27.711 χ^2/NDF : 35.2/17

Left In: 113.456±/17.909 χ^2/NDF :30.7/20

Left: 104.628±/12.439 χ^2/NDF : 58.3/43

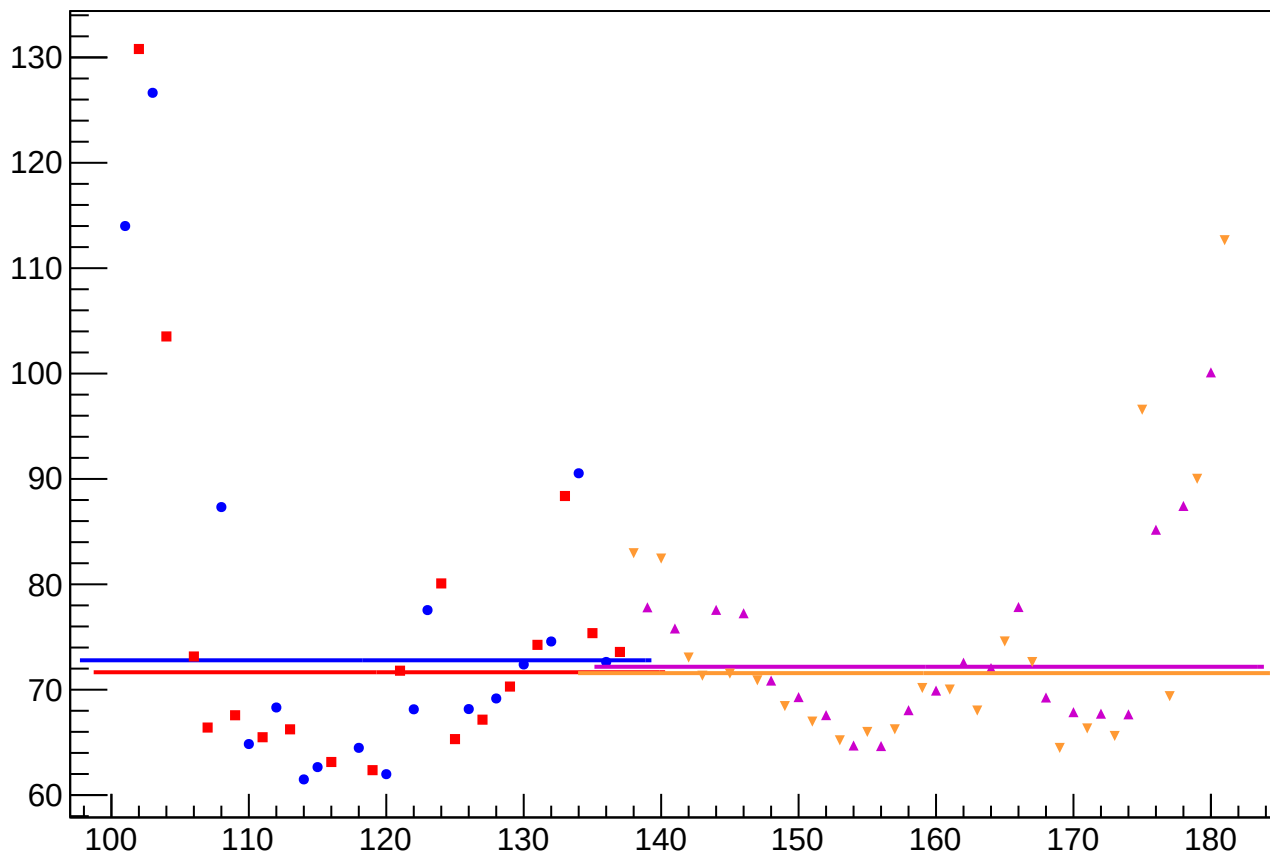
Right: -50.974±/19.933 χ^2/NDF : 44.4/34

In: 65.470±/15.192 χ^2/NDF :65.4/37

Out: 56.868±/14.668 χ^2/NDF :80.9/40

All: 61.018±/10.553 χ^2/NDF : 146.5/78

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.572 $\pm$ 0.012 χ^2 /NDF: 529281.6/22

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: 71.863 $\pm$ 0.009 χ^2 /NDF: 860400.6/43

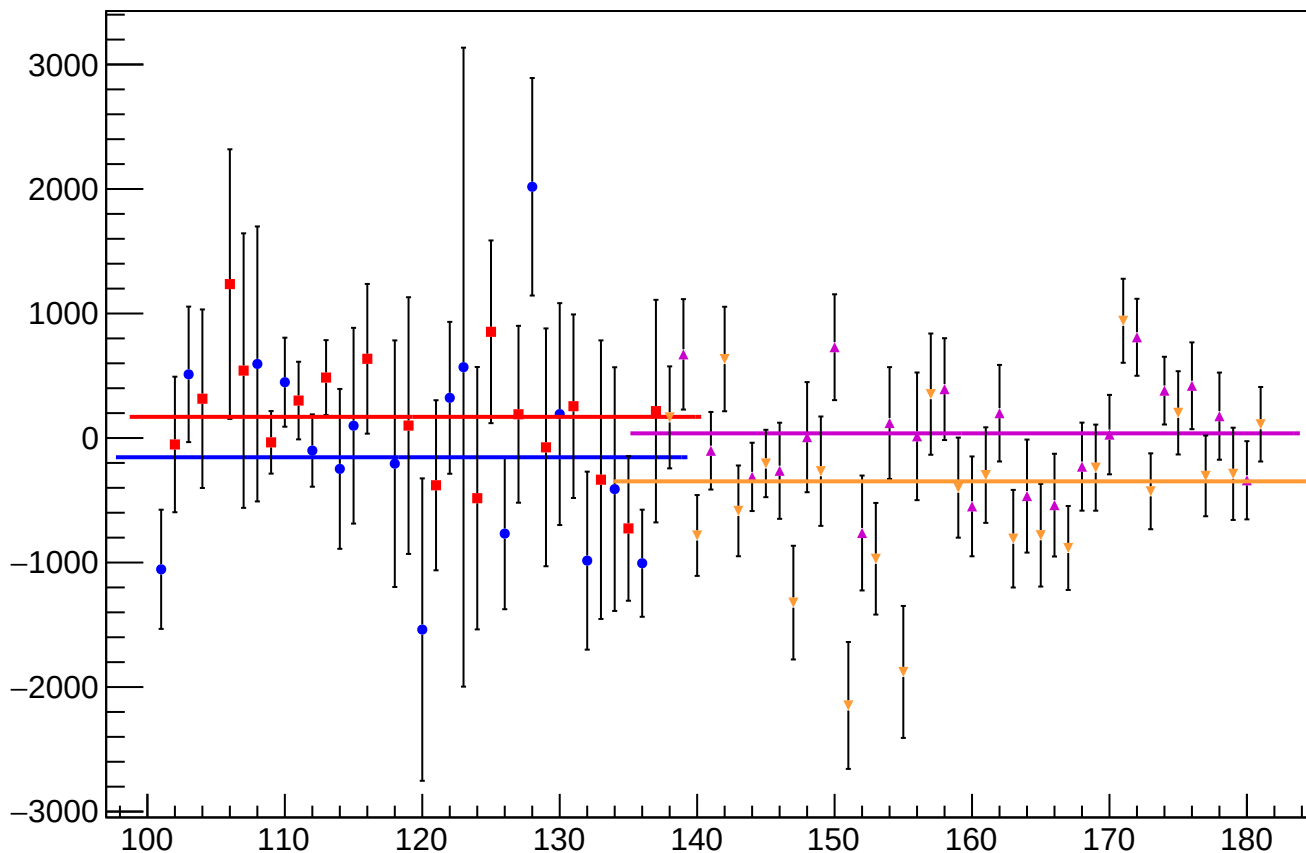
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.348 $\pm$ 0.011 χ^2 /NDF: 795376.9/37

Out: 71.596 $\pm$ 0.010 χ^2 /NDF: 933671.3/40

All: 71.959 $\pm$ 0.007 χ^2 /NDF: 1731585.5/78

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -347.932 ± 77.171 $\chi^2/\text{NDF}: 63.9/22$

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: -161.404 ± 55.441 $\chi^2/\text{NDF}: 103.5/43$

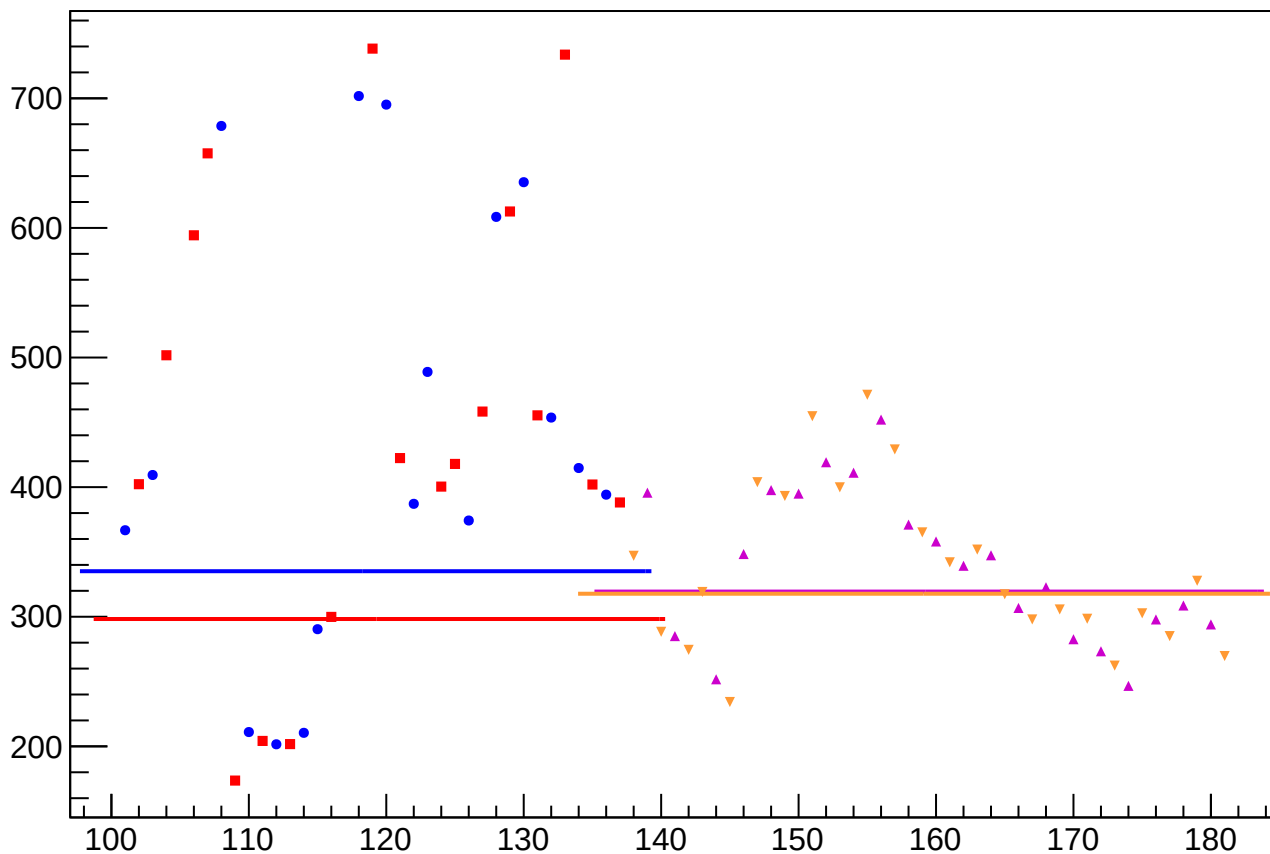
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -9.077 ± 69.348 $\chi^2/\text{NDF}: 52.2/37$

Out: -206.996 ± 65.840 $\chi^2/\text{NDF}: 84.5/40$

All: -113.168 ± 47.748 $\chi^2/\text{NDF}: 141.0/78$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 317.754+/-0.055 χ^2/NDF : 1063117.0/22

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: 318.560+/-0.039 χ^2/NDF : 2019149.9/43

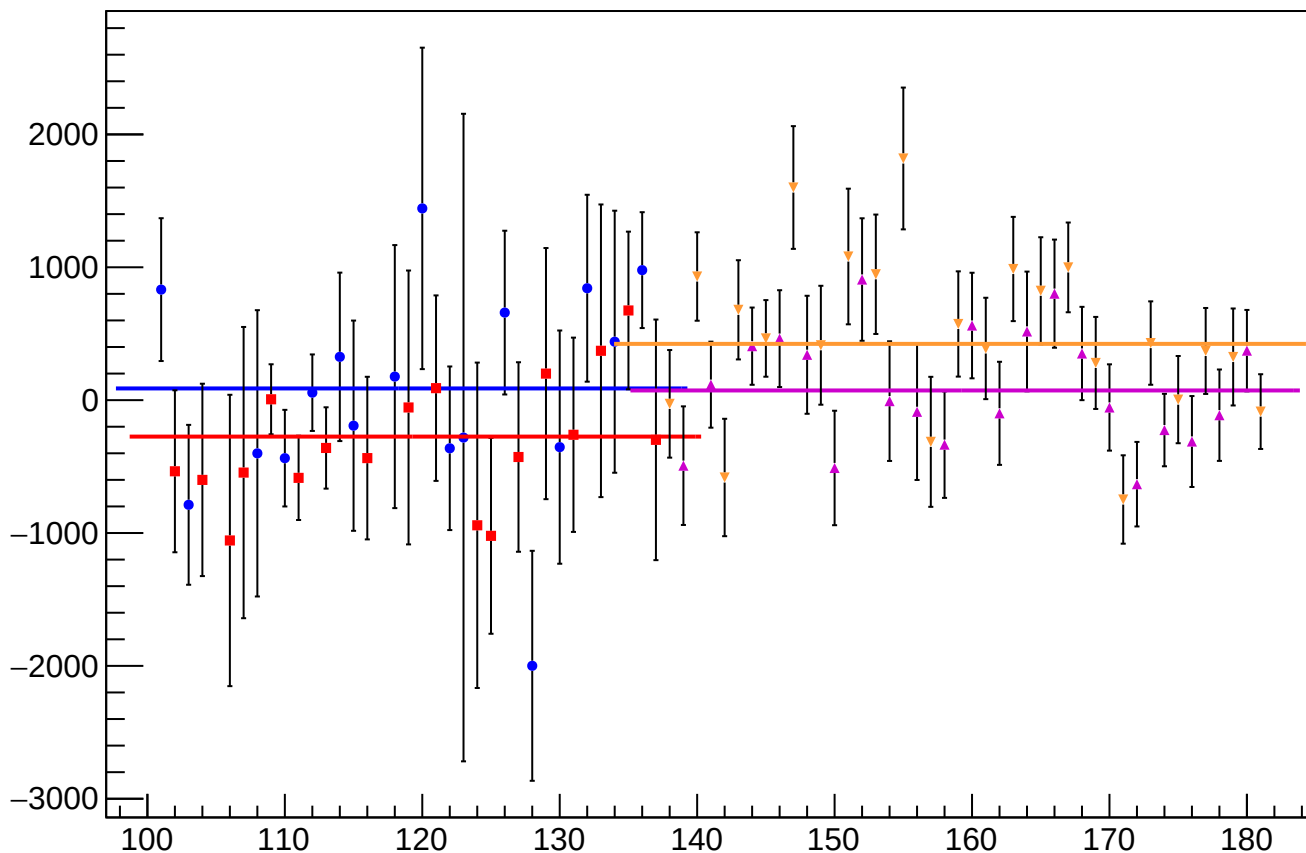
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 323.238+/-0.049 χ^2/NDF : 2968513.3/37

Out: 312.448+/-0.047 χ^2/NDF : 3874421.0/40

All: 317.563+/-0.034 χ^2/NDF : 6868397.8/78

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 423.510+/-77.431 χ^2/NDF :51.5/22

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: 253.776+/-55.611 χ^2/NDF : 87.5/43

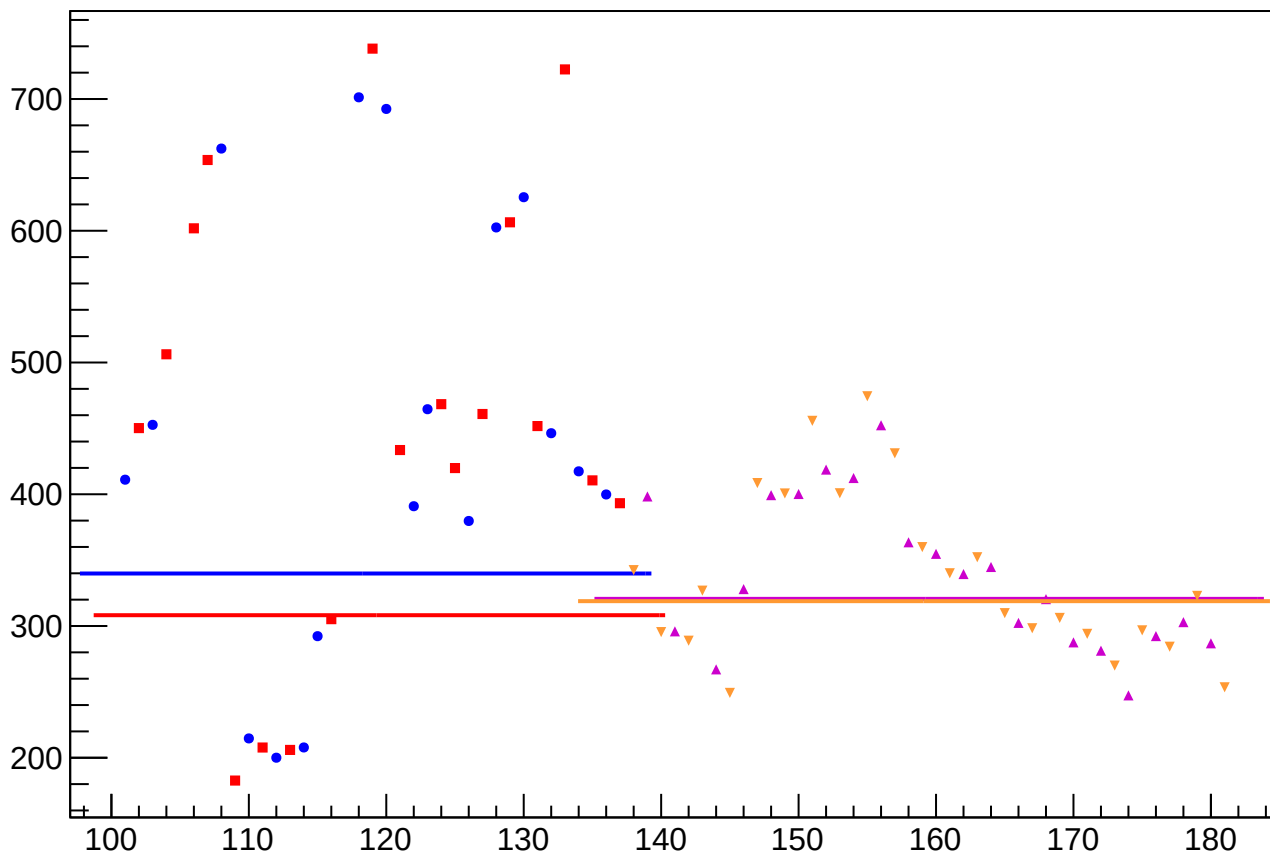
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 76.561+/-69.766 χ^2/NDF :46.8/37

Out: 240.489+/-66.507 χ^2/NDF :80.9/40

All: 162.444+/-48.138 χ^2/NDF : 130.6/78

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 318.860 $\pm$ 0.055 χ^2 /NDF:1023981.0/22

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 320.603 $\pm$ 0.057 χ^2 /NDF:868470.4/20

Left: 319.704 $\pm$ 0.039 χ^2 /NDF: 1892941.8/43

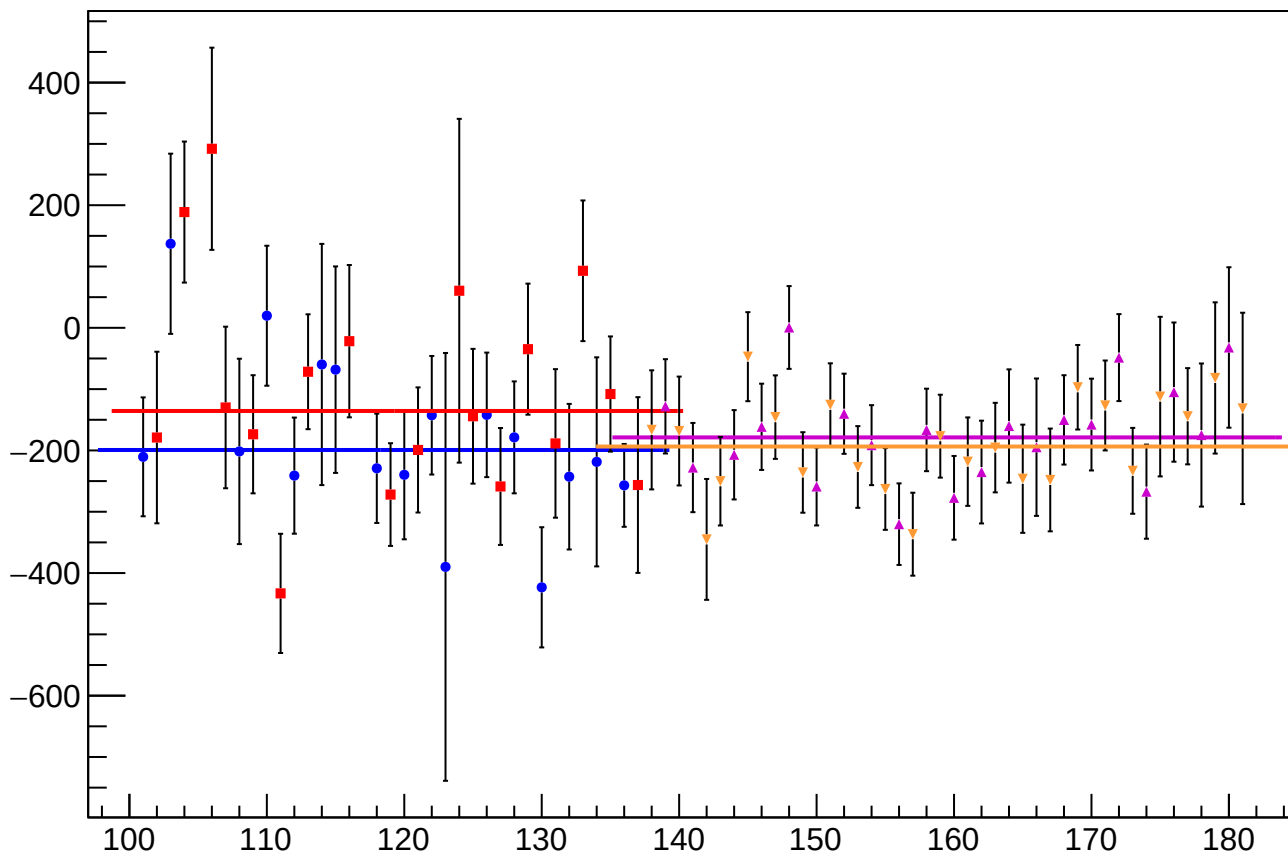
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 325.183 $\pm$ 0.049 χ^2 /NDF:2939595.9/37

Out: 316.064 $\pm$ 0.047 χ^2 /NDF:3732753.2/40

All: 320.405 $\pm$ 0.034 χ^2 /NDF: 6690249.4/78

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.620 $\pm$ 16.117 χ^2/NDF :20.8/22

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: -186.393 $\pm$ 11.563 χ^2/NDF : 45.1/43

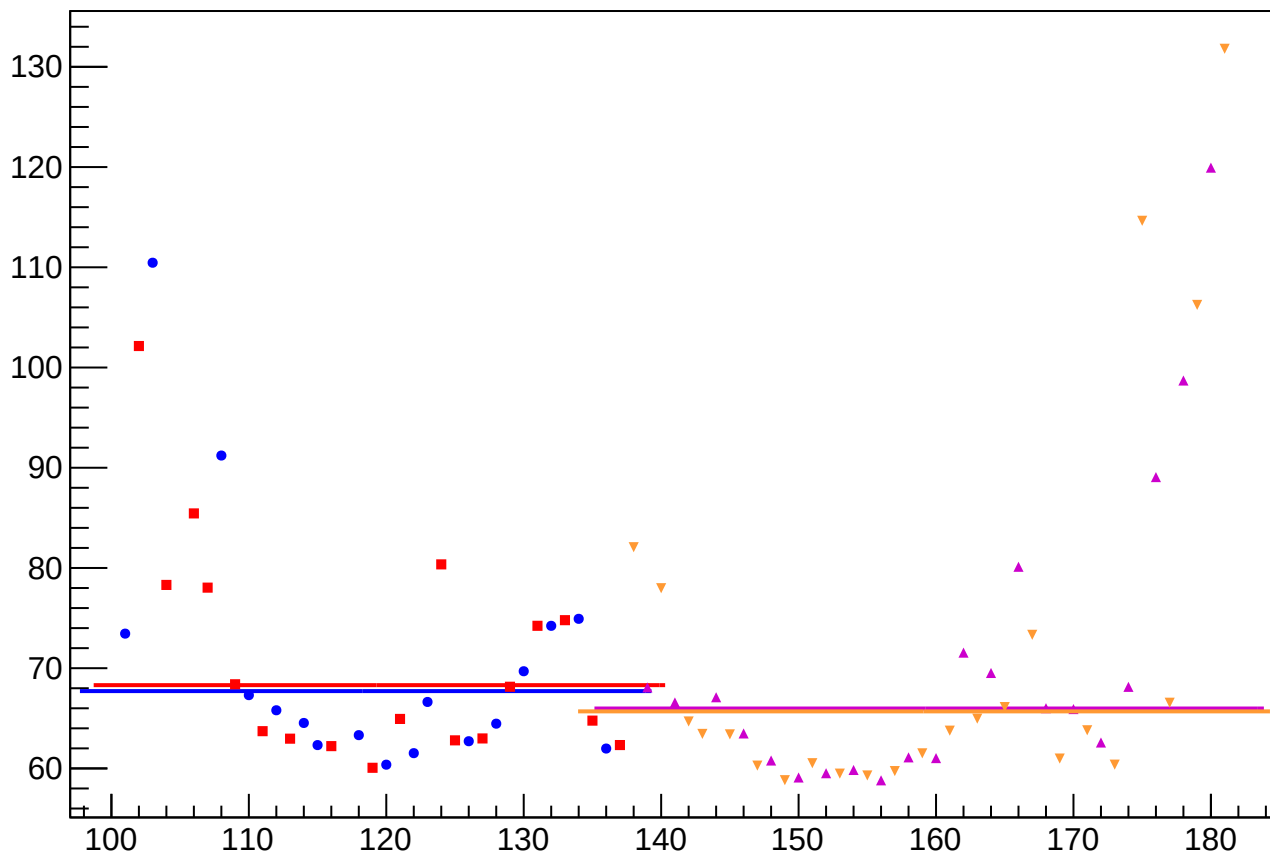
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -184.506 $\pm$ 14.069 χ^2/NDF :41.9/37

Out: -177.744 $\pm$ 13.735 χ^2/NDF :61.0/40

All: -181.044 $\pm$ 9.828 χ^2/NDF : 103.0/78

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$

Left Out: 65.693 ± 0.011 $\chi^2/\text{NDF}: 1103129.9/22$

Right Out: 68.308 ± 0.019 $\chi^2/\text{NDF}: 234314.0/17$

Left In: 65.978 ± 0.012 $\chi^2/\text{NDF}: 751178.1/20$

Left: 65.831 ± 0.008 $\chi^2/\text{NDF}: 1854612.3/43$

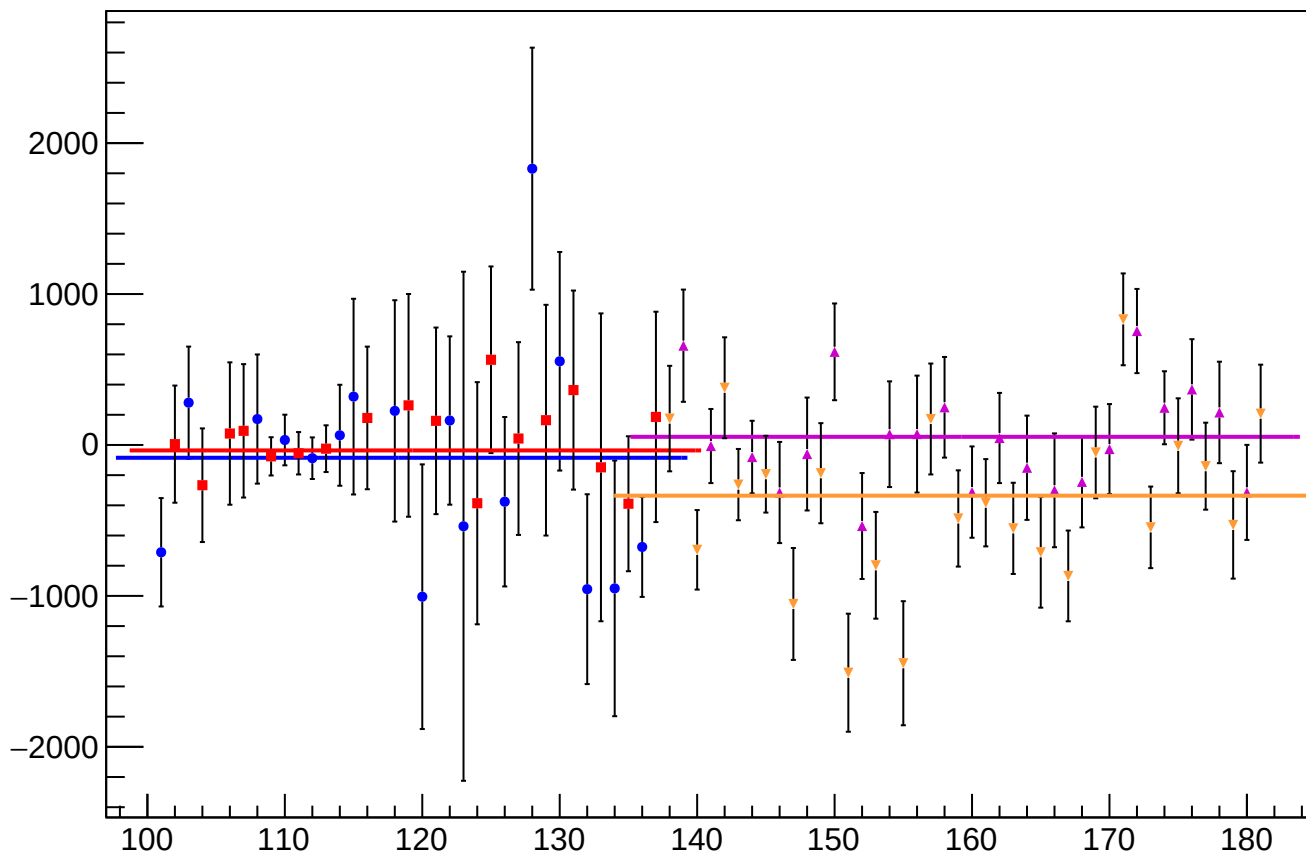
Right: 68.015 ± 0.013 $\chi^2/\text{NDF}: 517711.7/34$

In: 66.467 ± 0.010 $\chi^2/\text{NDF}: 1040240.0/37$

Out: 66.409 ± 0.010 $\chi^2/\text{NDF}: 1351865.4/40$

All: 66.437 ± 0.007 $\chi^2/\text{NDF}: 2392123.1/78$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -335.984 $\pm$ 65.196 χ^2/NDF : 58.7/22

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 53.973 $\pm$ 67.960 χ^2/NDF : 23.8/20

Left: -149.099 $\pm$ 47.047 χ^2/NDF : 99.6/43

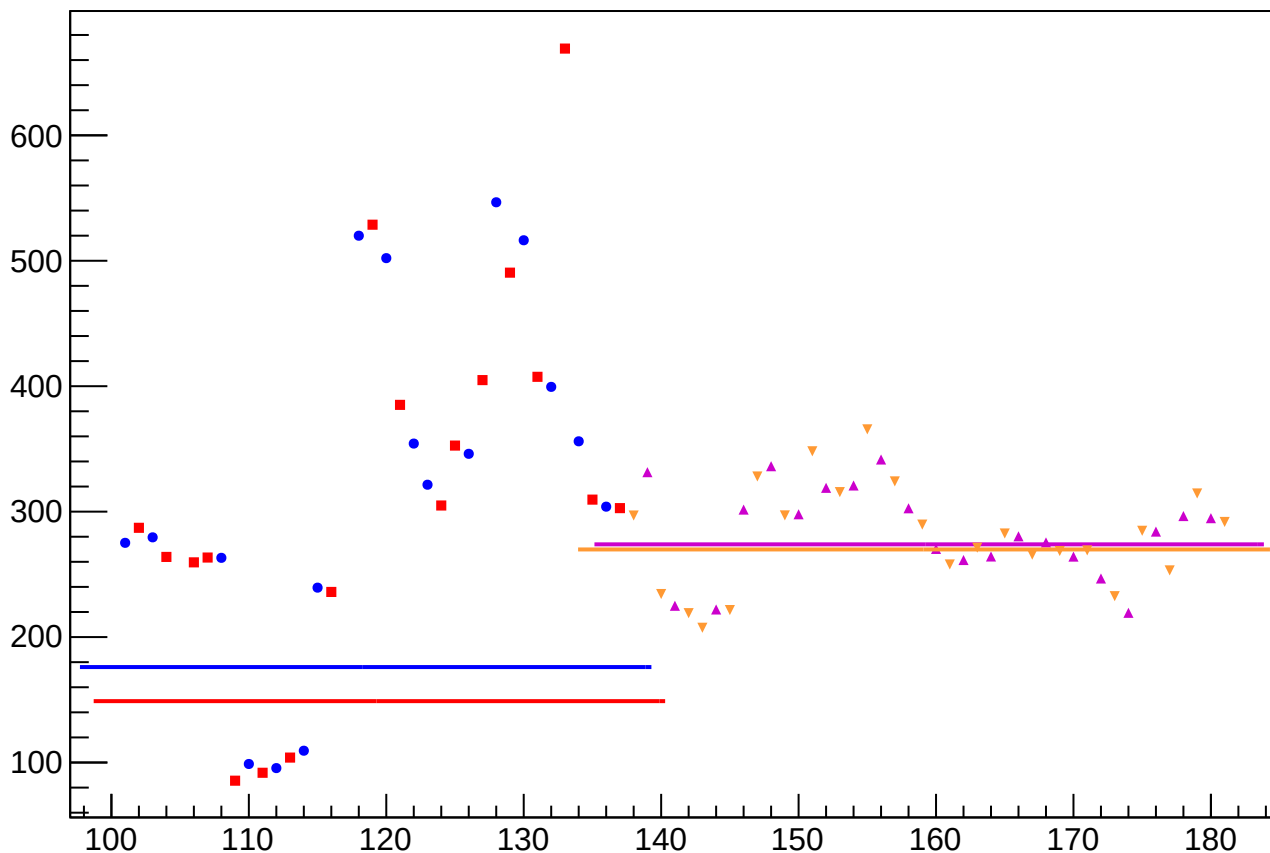
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -1.975 $\pm$ 52.498 χ^2/NDF : 45.4/37

Out: -196.167 $\pm$ 47.629 χ^2/NDF : 72.0/40

All: -108.491 $\pm$ 35.275 χ^2/NDF : 124.8/78

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 269.856 $\pm$ 0.046 χ^2 /NDF: 738383.6/22

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 273.929 $\pm$ 0.048 χ^2 /NDF: 594319.5/20

Left: 271.808 $\pm$ 0.033 χ^2 /NDF: 1336444.6/43

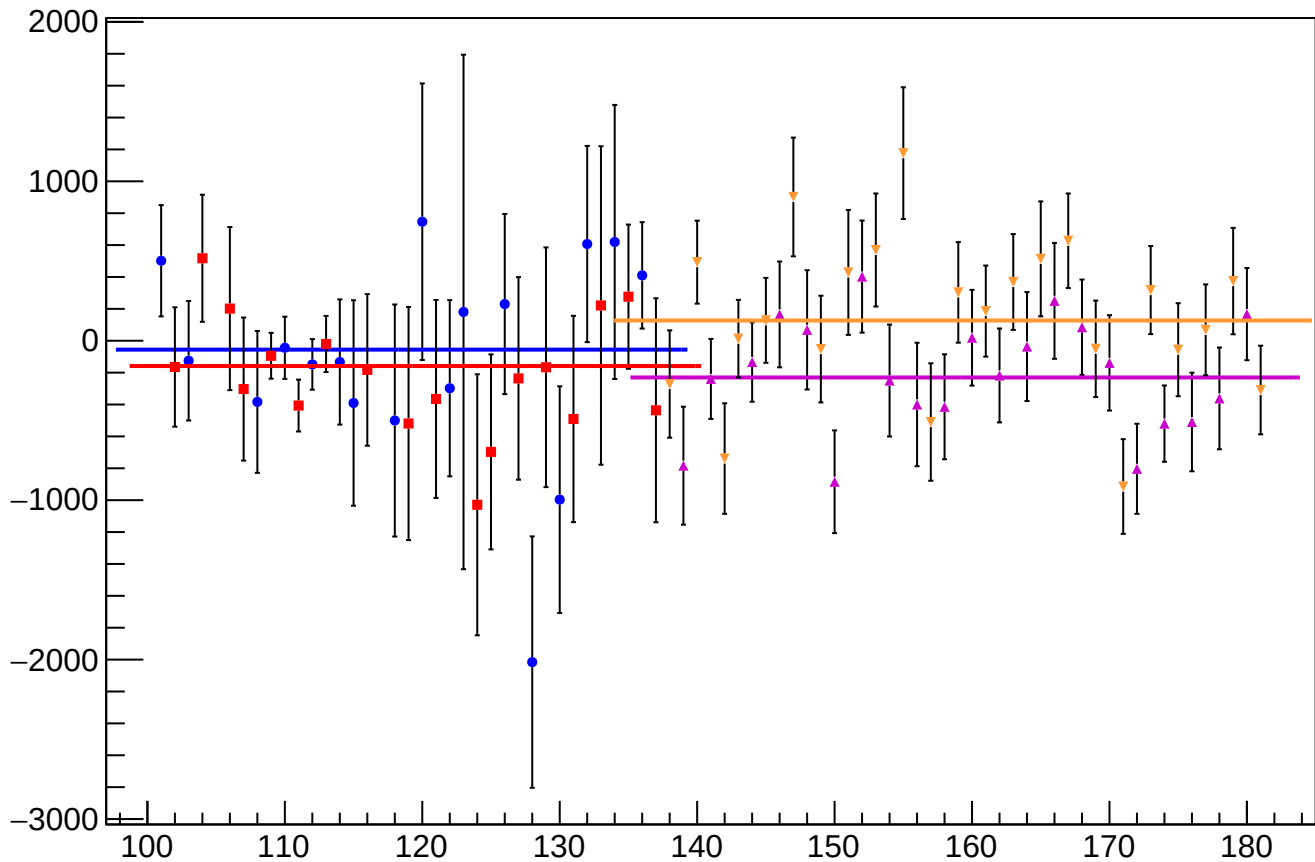
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 234.475 $\pm$ 0.037 χ^2 /NDF: 6489432.1/37

Out: 213.470 $\pm$ 0.034 χ^2 /NDF: 8717571.5/40

All: 222.953 $\pm$ 0.025 χ^2 /NDF: 15382619.5/78

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2 /NDF: 17.1/16

Left Out: 126.889 $\pm$ 64.472 χ^2 /NDF:47.6/22

Right Out: -158.676 $\pm$ 77.072 χ^2 /NDF: 10.4/17

Left In: -230.335 $\pm$ 67.332 χ^2 /NDF:24.7/20

Left: -43.976 $\pm$ 46.567 χ^2 /NDF: 87.0/43

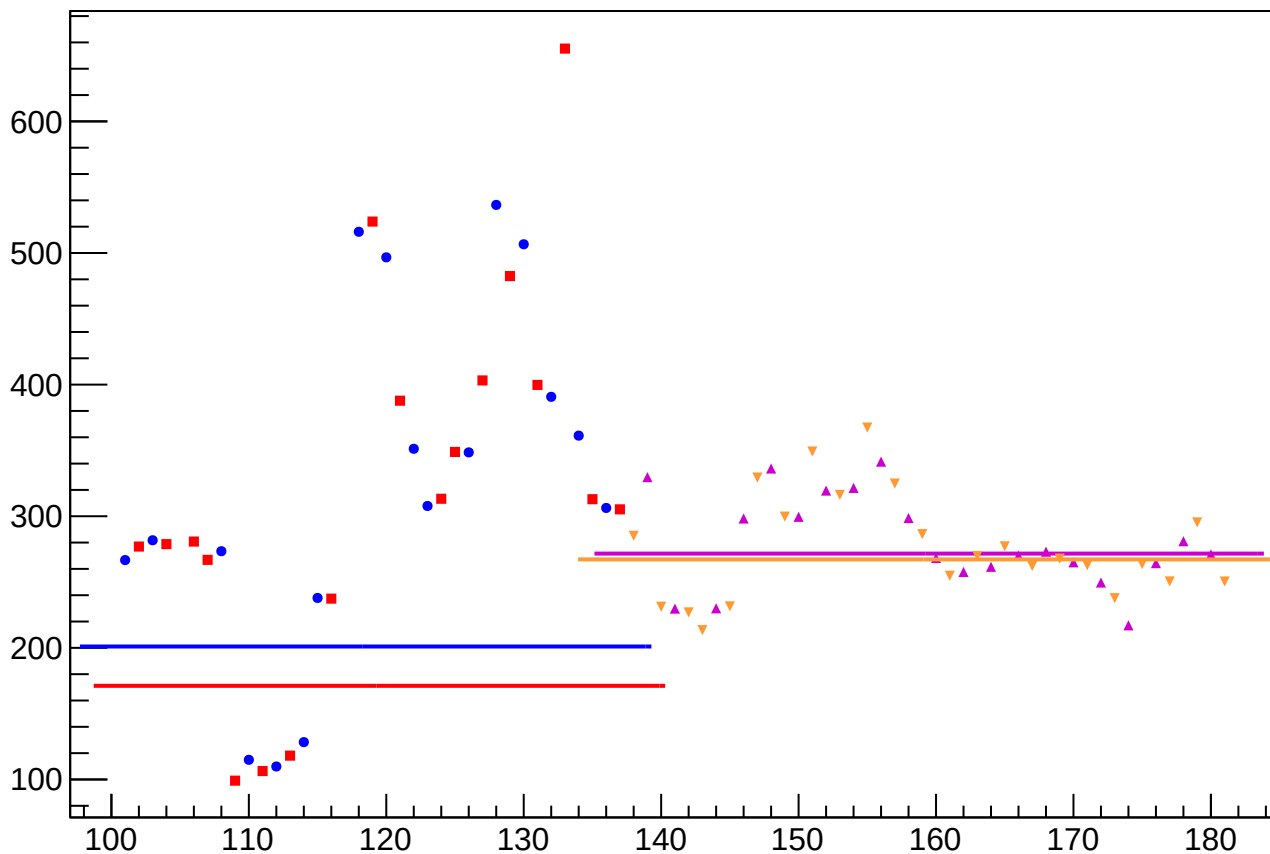
Right: -115.437 $\pm$ 58.697 χ^2 /NDF: 28.3/34

In: -168.183 $\pm$ 54.036 χ^2 /NDF:44.3/37

Out: 9.327 $\pm$ 49.451 χ^2 /NDF:66.1/40

All: -71.580 $\pm$ 36.481 χ^2 /NDF: 116.2/78

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 267.202 $\pm$ 0.046 χ^2/NDF : 636870.4/22

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: 269.315 $\pm$ 0.033 χ^2/NDF : 1171939.4/43

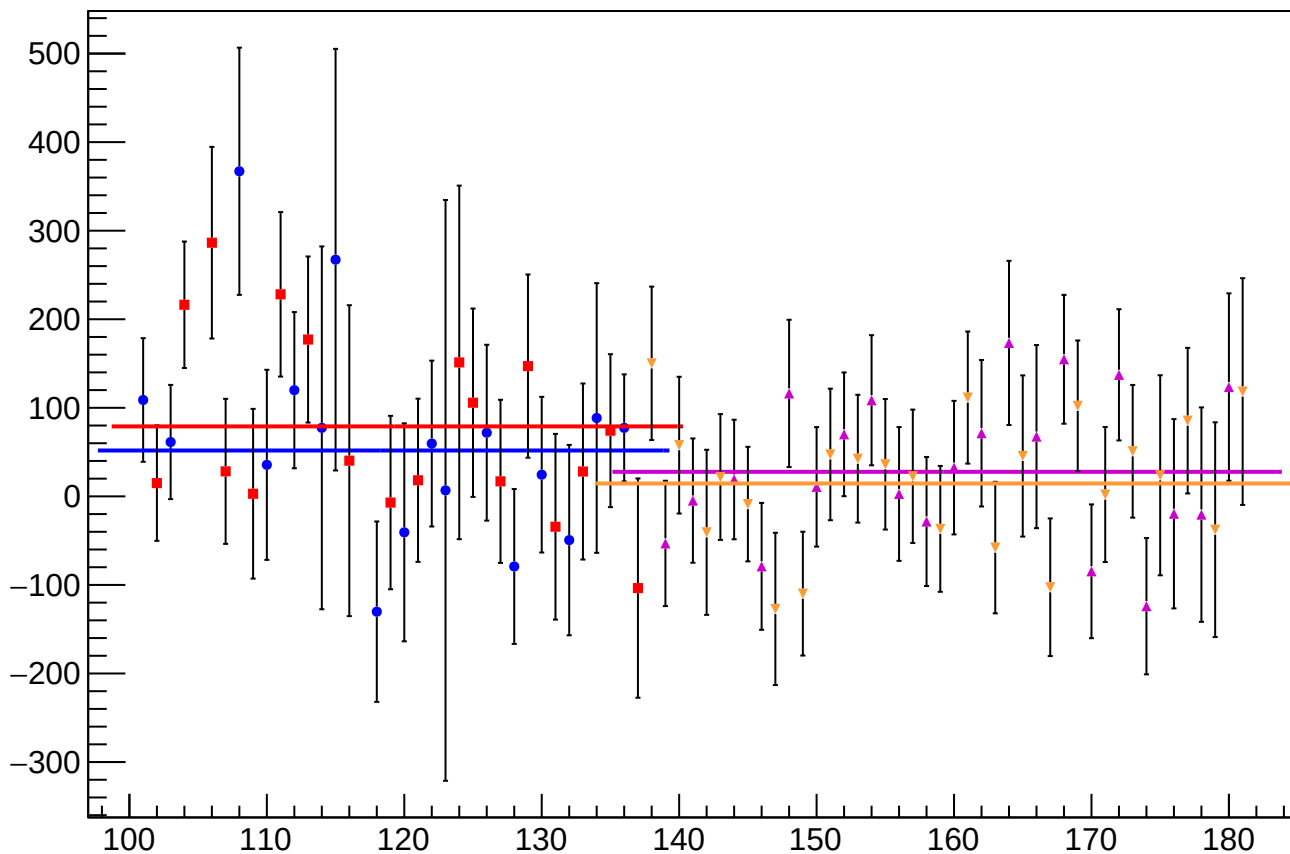
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 246.497 $\pm$ 0.038 χ^2/NDF : 4745908.7/37

Out: 227.663 $\pm$ 0.035 χ^2/NDF : 6529621.2/40

All: 236.247 $\pm$ 0.026 χ^2/NDF : 11407755.6/78

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: 14.545 $\pm$ 16.525 χ^2 /NDF:18.4/22

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: 20.913 $\pm$ 11.876 χ^2 /NDF: 41.3/43

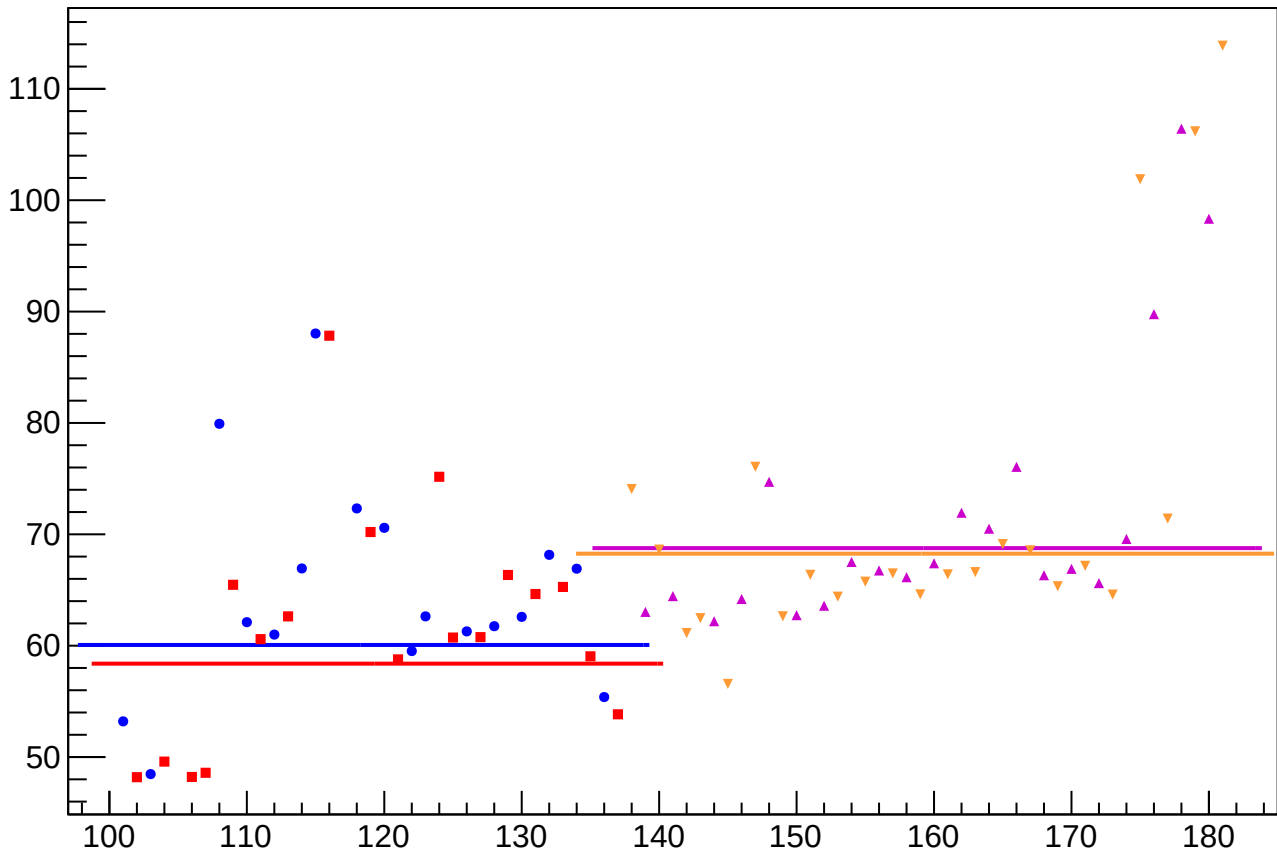
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 36.023 $\pm$ 13.824 χ^2 /NDF:37.9/37

Out: 37.134 $\pm$ 13.319 χ^2 /NDF:42.7/40

All: 36.599 $\pm$ 9.591 χ^2 /NDF: 80.6/78

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 68.262 ± 0.012 $\chi^2/\text{NDF}: 785092.2/22$

Right Out: 58.387 ± 0.016 $\chi^2/\text{NDF}: 275017.2/17$

Left In: 68.761 ± 0.012 $\chi^2/\text{NDF}: 538069.2/20$

Left: 68.503 ± 0.008 $\chi^2/\text{NDF}: 1324042.0/43$

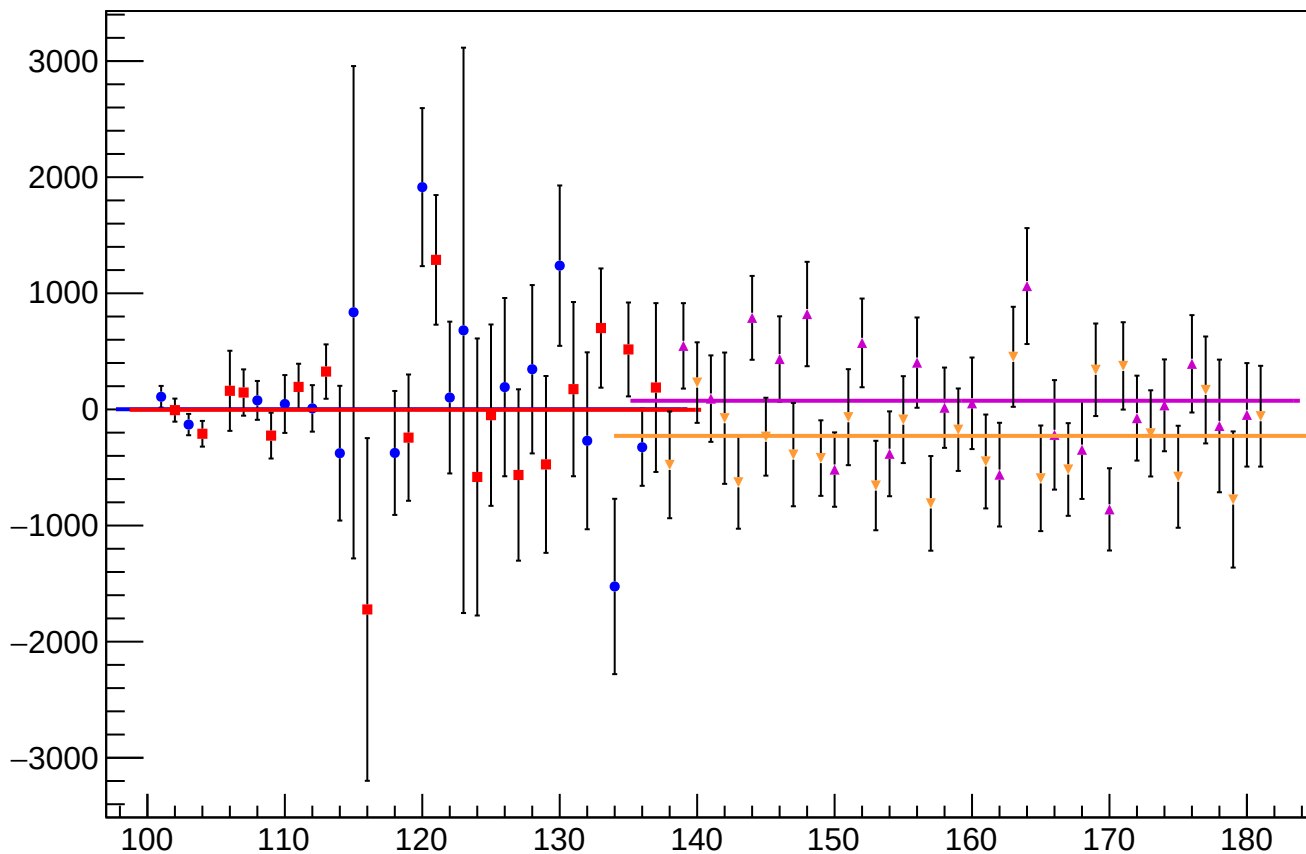
Right: 59.188 ± 0.012 $\chi^2/\text{NDF}: 509429.8/34$

In: 65.761 ± 0.010 $\chi^2/\text{NDF}: 945958.9/37$

Out: 64.802 ± 0.009 $\chi^2/\text{NDF}: 1310374.2/40$

All: 65.264 ± 0.007 $\chi^2/\text{NDF}: 2261333.8/78$

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -227.895+/-84.248 χ^2/NDF : 18.2/22

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 74.703+/-86.118 χ^2/NDF : 32.0/20

Left: -79.916+/-60.223 χ^2/NDF : 56.5/43

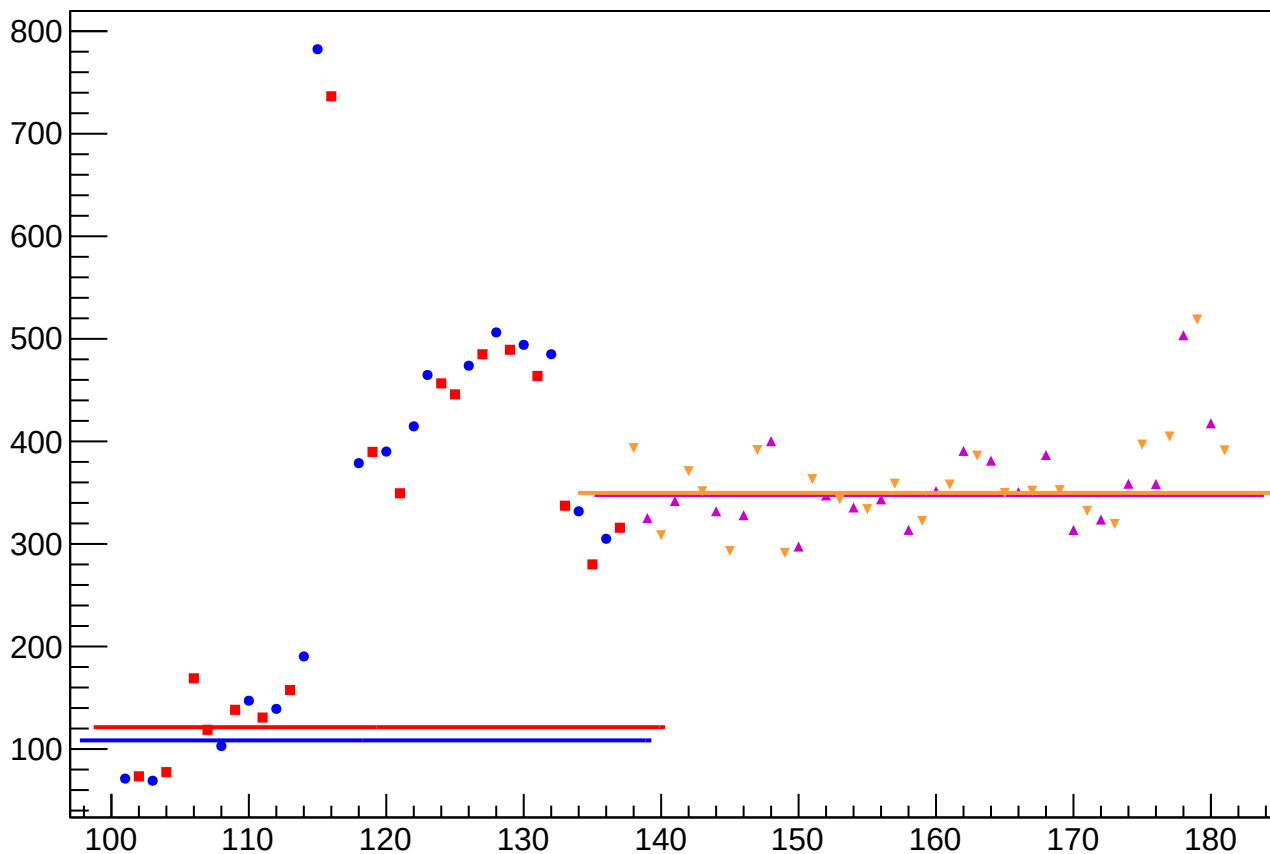
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 22.373+/-45.922 χ^2/NDF : 53.9/37

Out: -73.125+/-46.988 χ^2/NDF : 43.3/40

All: -24.280+/-32.842 χ^2/NDF : 99.3/78

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: 349.782 $\pm$ 0.060 χ^2 /NDF: 476636.5/22

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: 348.792 $\pm$ 0.043 χ^2 /NDF: 865827.0/43

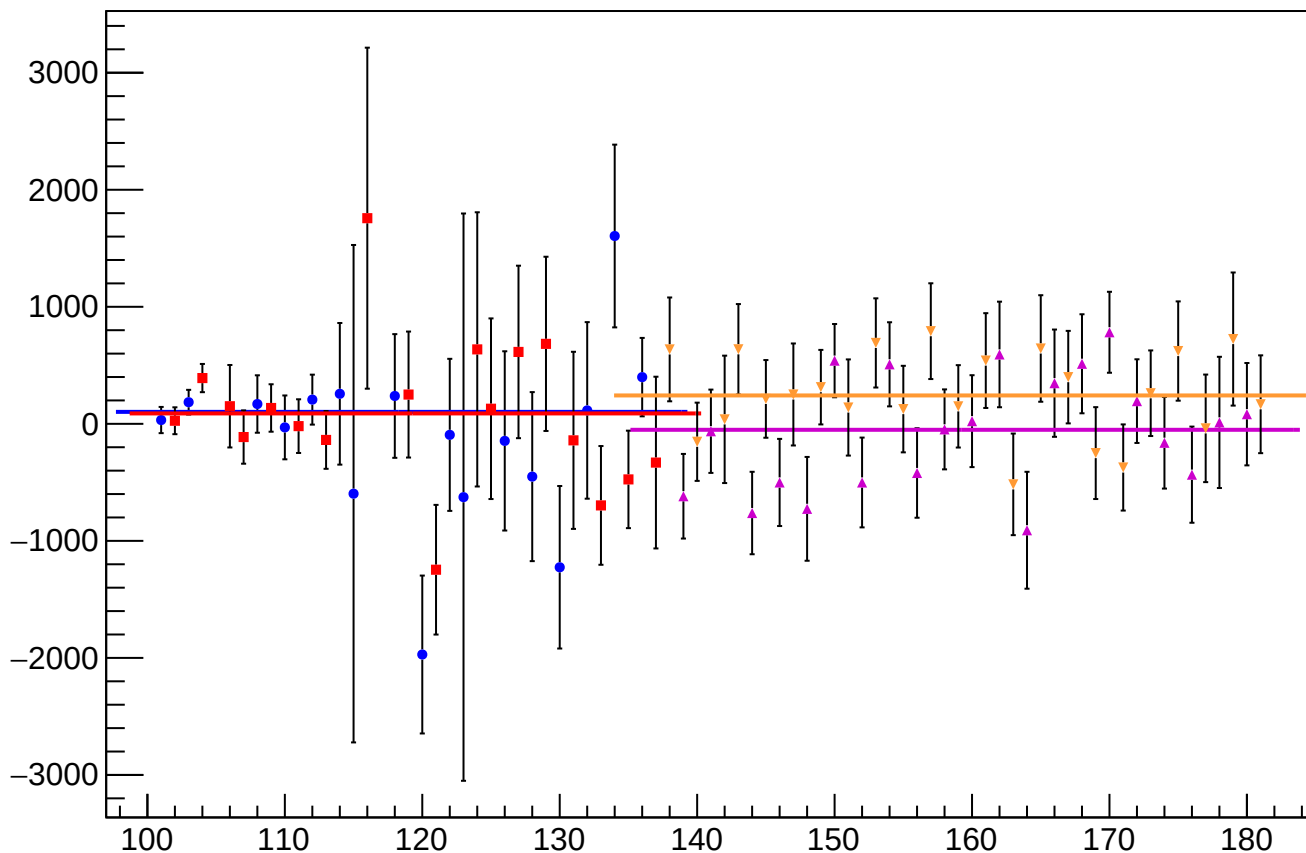
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 176.494 $\pm$ 0.032 χ^2 /NDF: 16845652.3/37

Out: 192.376 $\pm$ 0.033 χ^2 /NDF: 15342017.1/40

All: 184.253 $\pm$ 0.023 χ^2 /NDF: 32304534.2/78

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 242.581 $\pm$ 82.878 χ^2 /NDF:17.7/22

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: 99.257 $\pm$ 59.292 χ^2 /NDF: 57.3/43

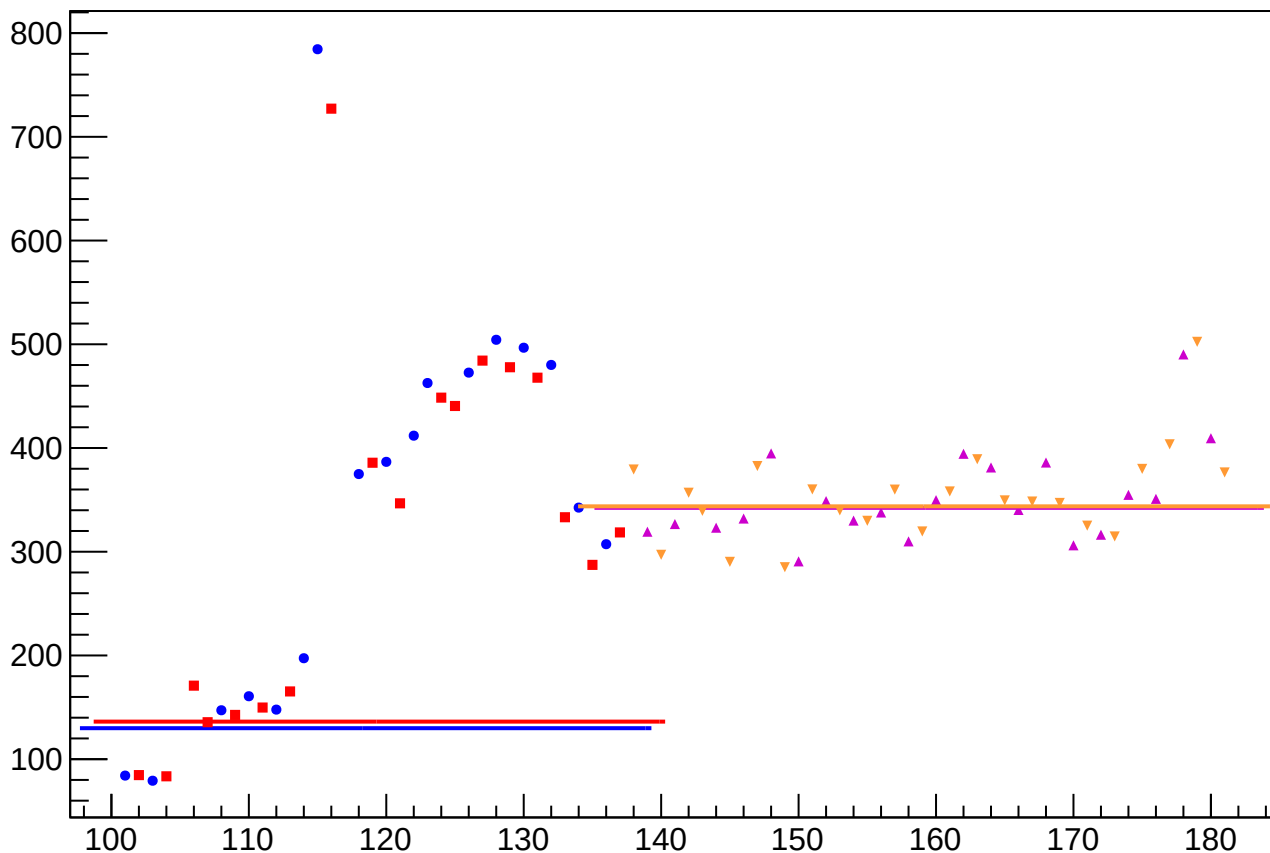
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 47.635 $\pm$ 50.650 χ^2 /NDF:55.9/37

Out: 144.269 $\pm$ 49.764 χ^2 /NDF:41.6/40

All: 96.805 $\pm$ 35.497 χ^2 /NDF: 99.4/78

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 343.764 $\pm$ 0.059 χ^2 /NDF: 466969.4/22

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 342.304 $\pm$ 0.060 χ^2 /NDF: 405340.4/20

Left: 343.051 $\pm$ 0.042 χ^2 /NDF: 872613.0/43

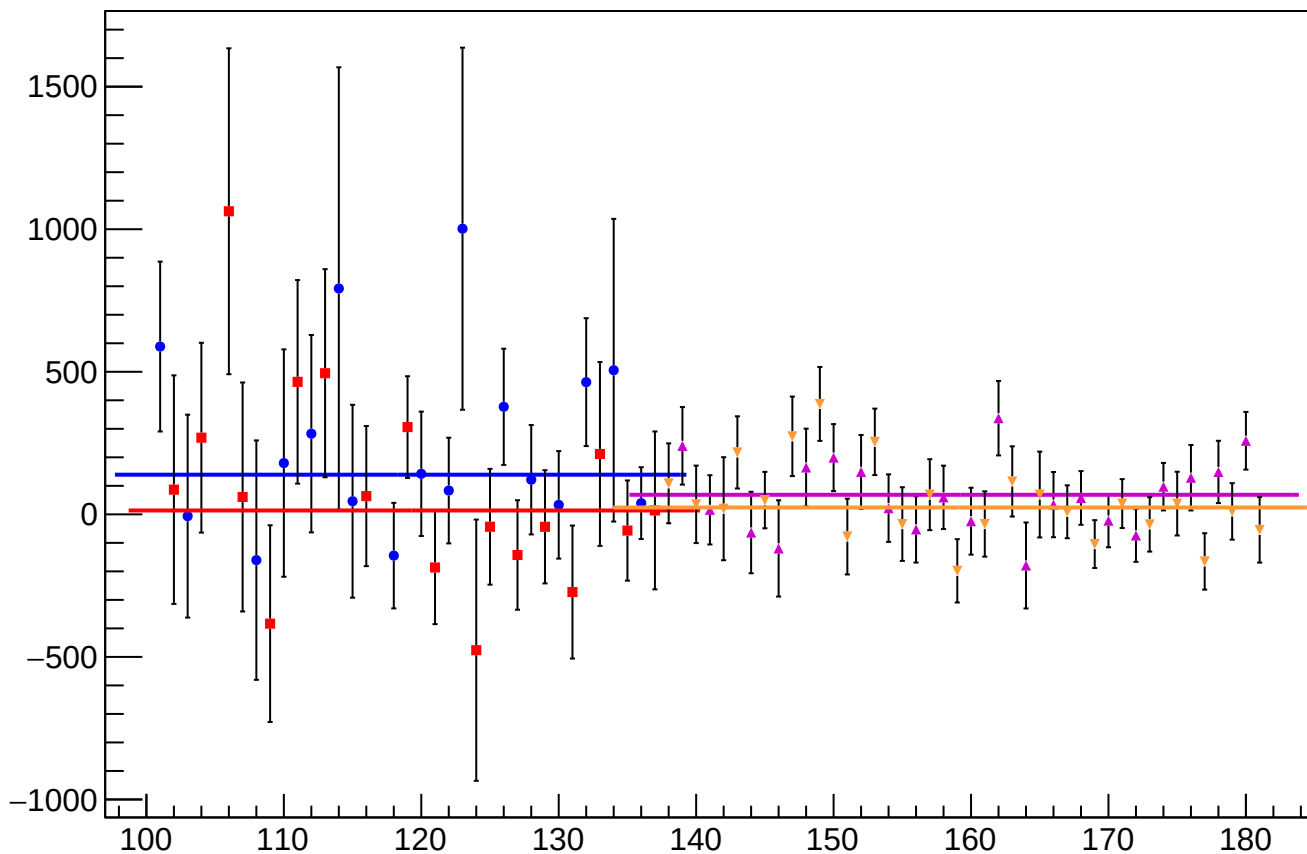
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 205.557 $\pm$ 0.036 χ^2 /NDF: 13302194.3/37

Out: 211.050 $\pm$ 0.035 χ^2 /NDF: 12769682.7/40

All: 208.352 $\pm$ 0.025 χ^2 /NDF: 26083844.4/78

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: 24.042 $\pm$ 23.587 χ^2 /NDF:30.5/22

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: 45.136 $\pm$ 17.116 χ^2 /NDF: 54.9/43

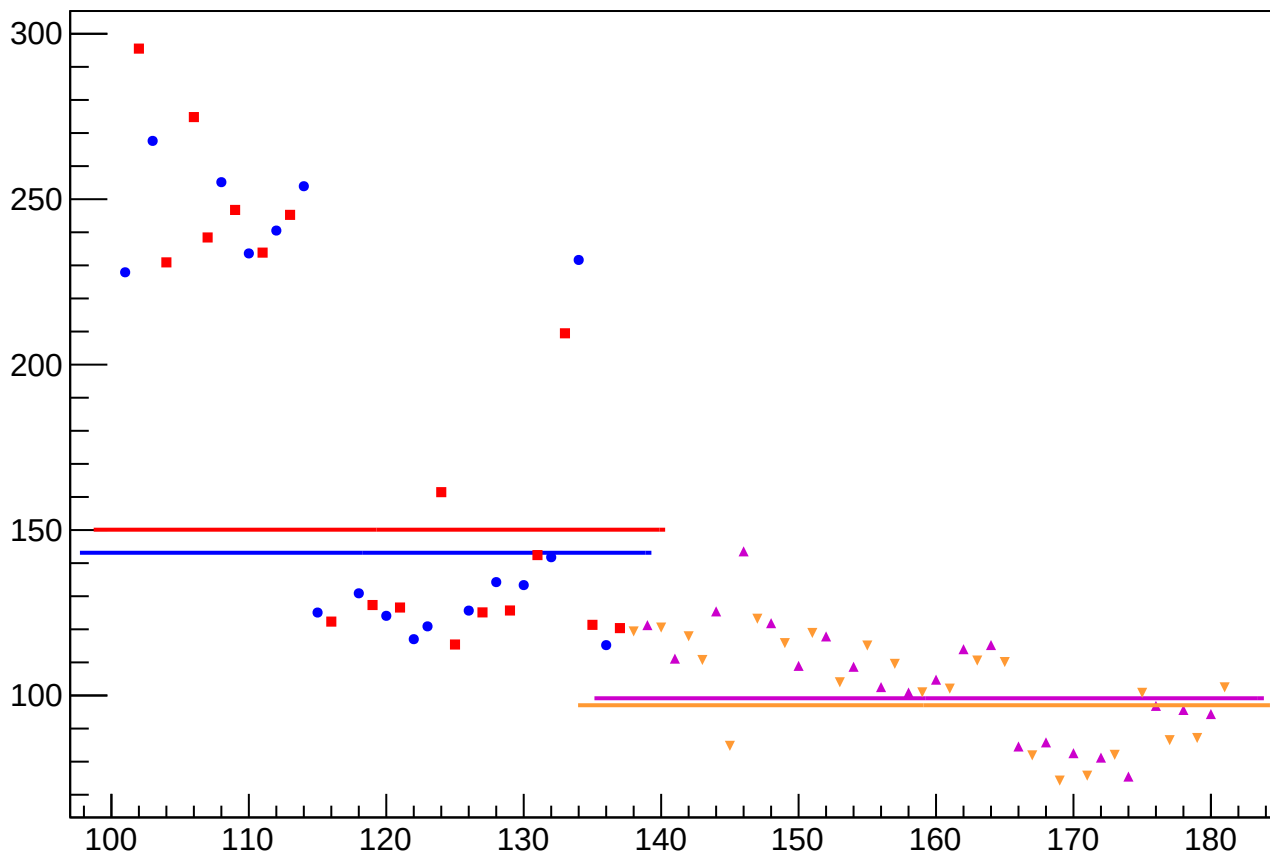
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 79.560 $\pm$ 22.862 χ^2 /NDF:37.0/37

Out: 22.654 $\pm$ 21.958 χ^2 /NDF:46.9/40

All: 49.960 $\pm$ 15.836 χ^2 /NDF: 87.2/78

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 97.051 $\pm$ 0.017 χ^2 /NDF: 891794.7/22

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: 98.050 $\pm$ 0.012 χ^2 /NDF: 1736862.7/43

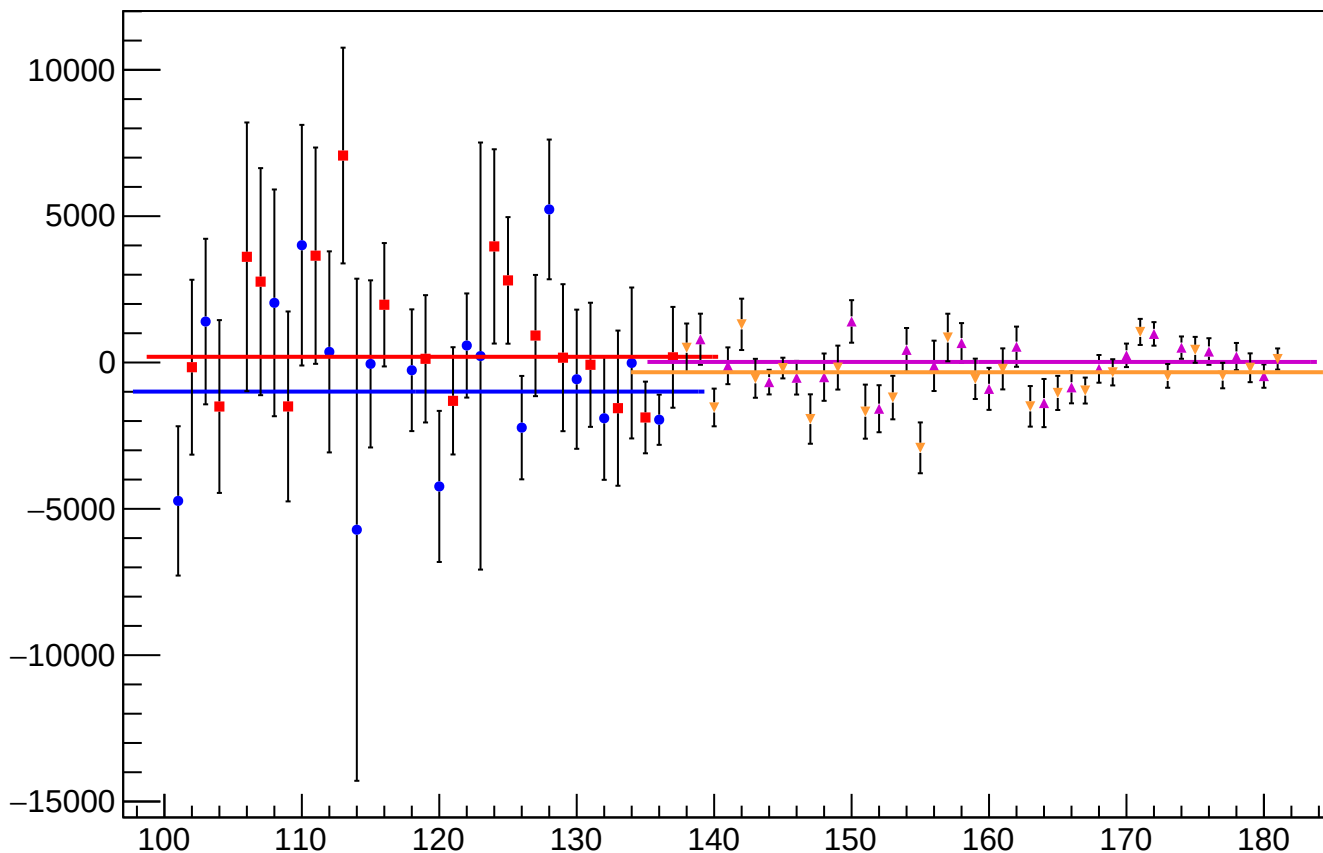
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.998 $\pm$ 0.016 χ^2 /NDF: 2910510.2/37

Out: 104.127 $\pm$ 0.016 χ^2 /NDF: 3574220.9/40

All: 105.025 $\pm$ 0.011 χ^2 /NDF: 6491695.2/78

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.296+/-114.016 χ^2/NDF : 47.1/22

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: -163.474+/-82.186 χ^2/NDF : 83.1/43

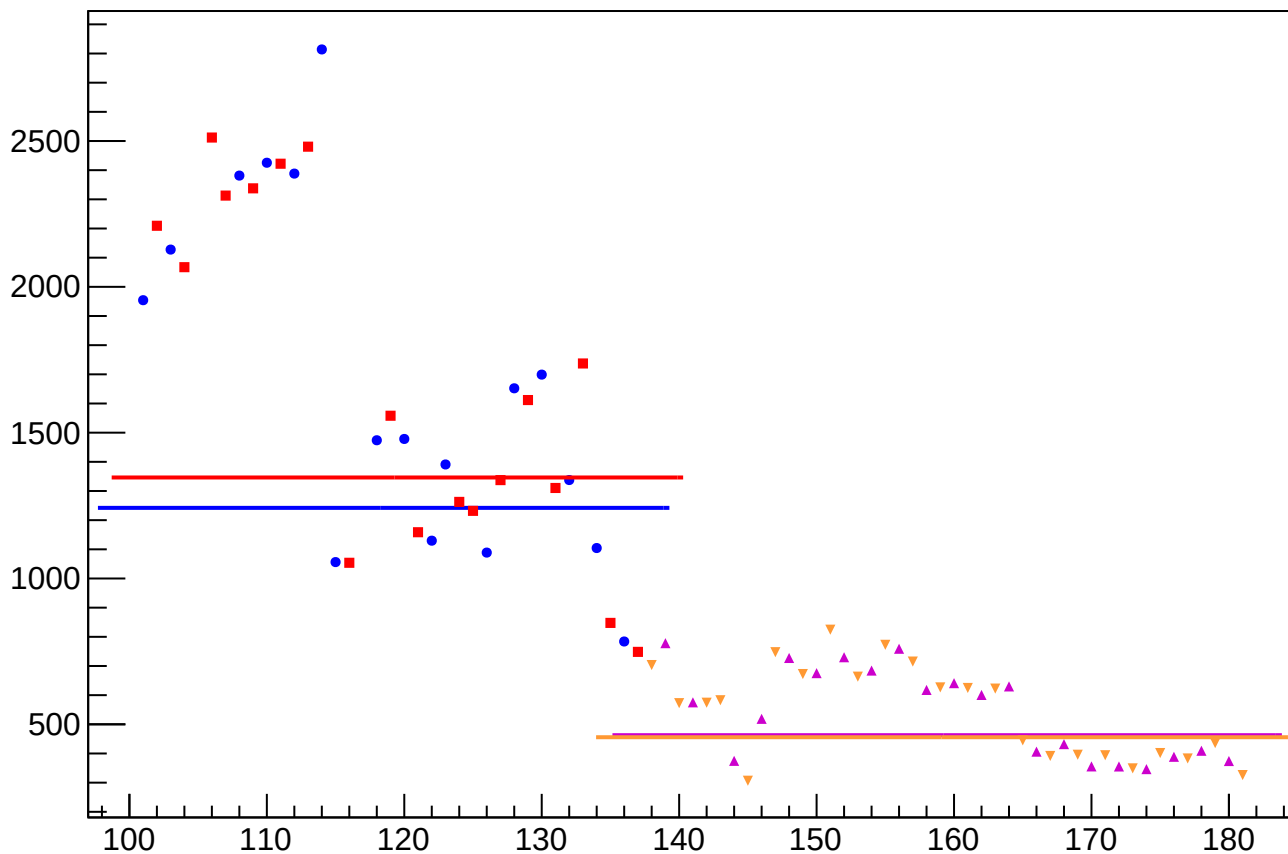
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -31.600+/-115.568 χ^2/NDF : 52.0/37

Out: -310.092+/-111.590 χ^2/NDF : 61.6/40

All: -175.721+/-80.275 χ^2/NDF : 116.5/78

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 455.724 $\pm$ 0.081 χ^2 /NDF: 3015513.4/22

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 462.752 $\pm$ 0.084 χ^2 /NDF: 2520678.7/20

Left: 459.100 $\pm$ 0.058 χ^2 /NDF: 5539842.7/43

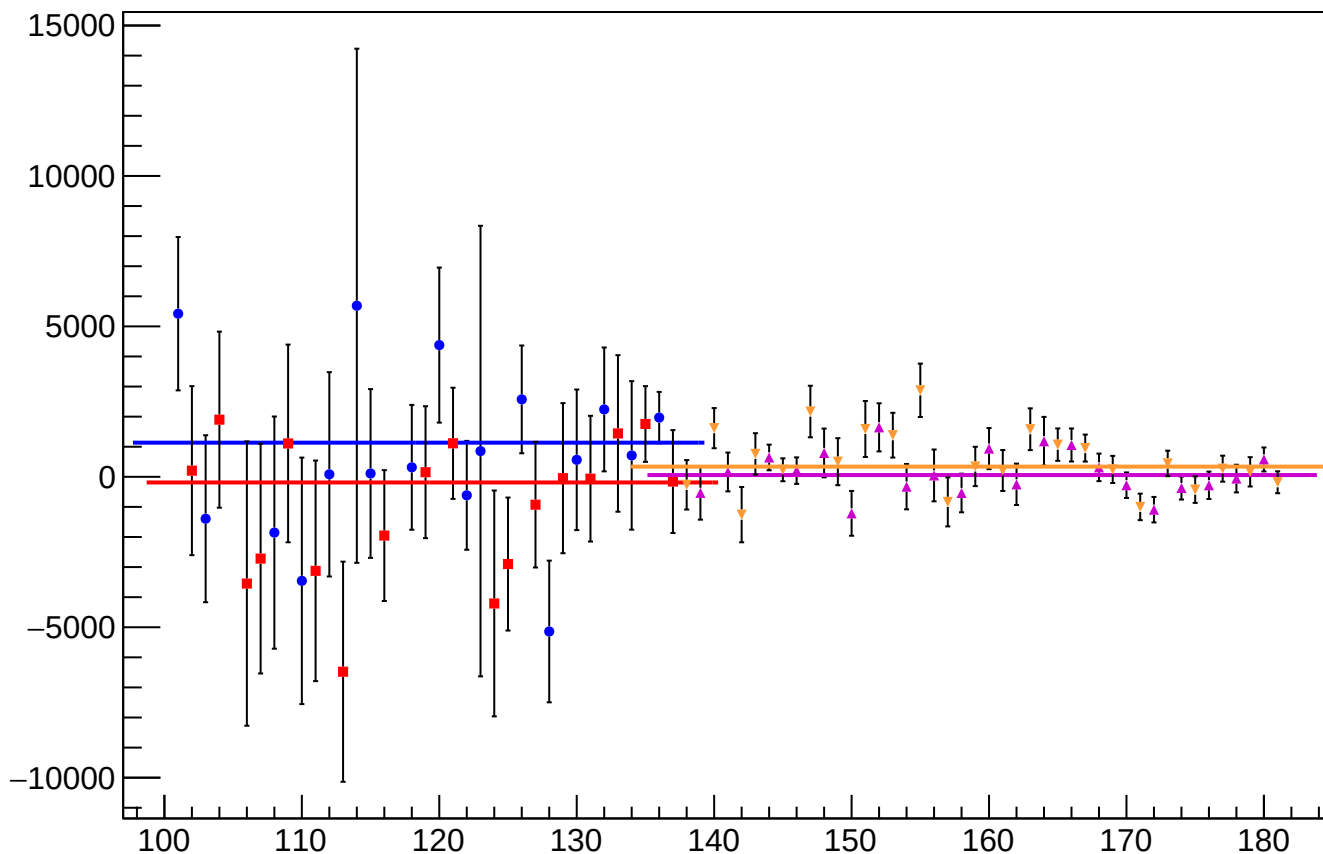
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 501.779 $\pm$ 0.082 χ^2 /NDF: 8615090.1/37

Out: 493.223 $\pm$ 0.079 χ^2 /NDF: 9962936.3/40

All: 497.351 $\pm$ 0.057 χ^2 /NDF: 18583698.4/78

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 339.041+/-115.056 χ^2/NDF : 47.8/22

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: 201.844+/-82.206 χ^2/NDF : 81.0/43

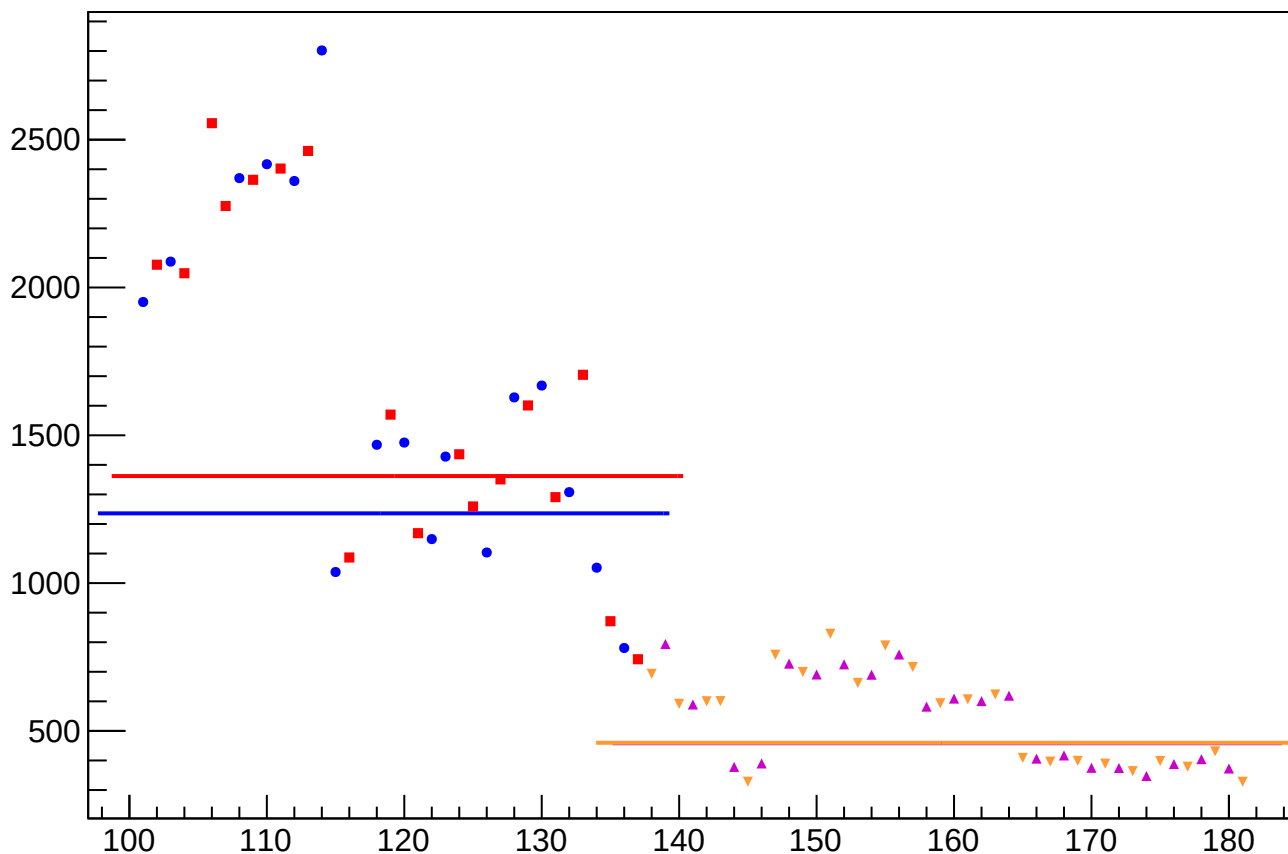
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 112.266+/-114.540 χ^2/NDF : 52.2/37

Out: 316.824+/-112.602 χ^2/NDF : 60.7/40

All: 216.290+/-80.298 χ^2/NDF : 114.5/78

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 459.869 $\pm$ 0.081 χ^2 /NDF: 2890967.8/22

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 458.207 $\pm$ 0.083 χ^2 /NDF: 2417991.8/20

Left: 459.056 $\pm$ 0.058 χ^2 /NDF: 5309164.0/43

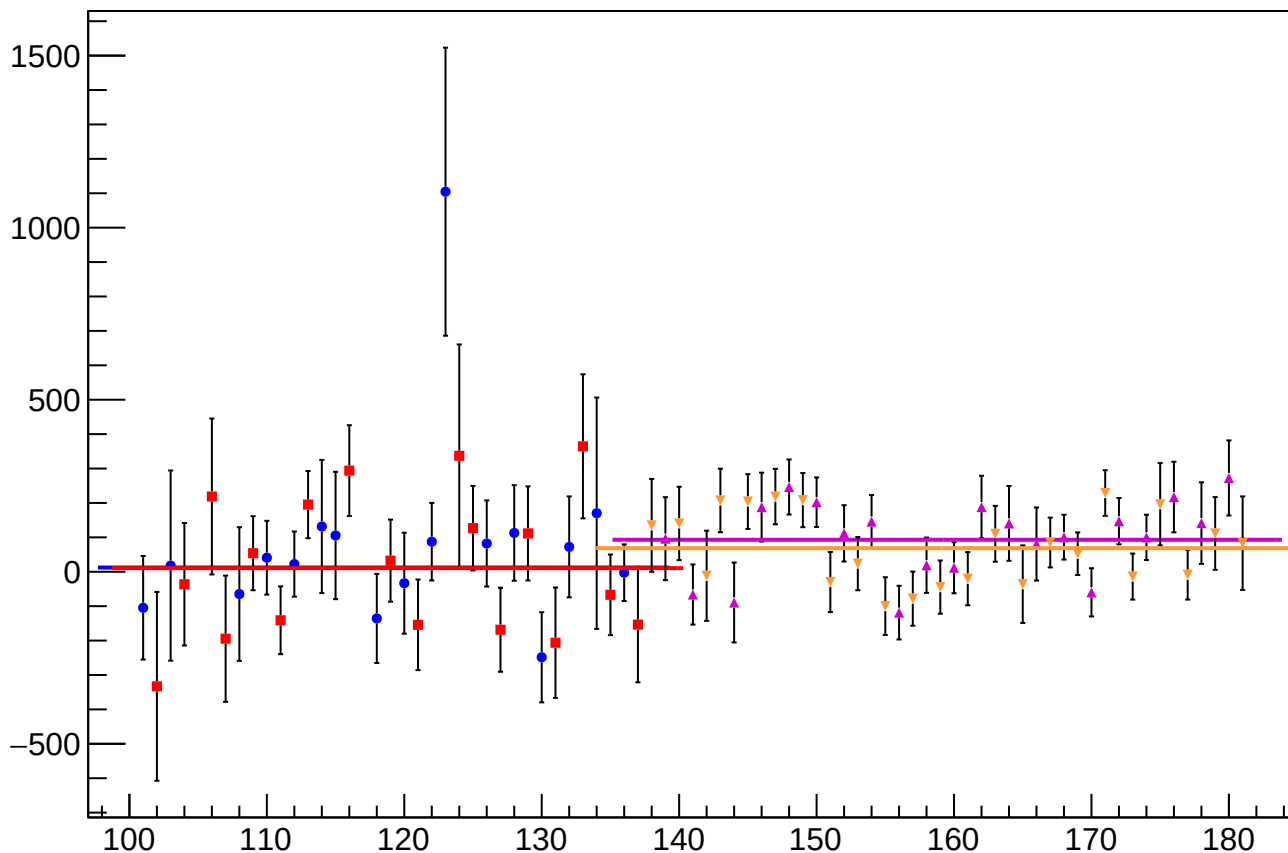
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 496.862 $\pm$ 0.081 χ^2 /NDF: 8518942.4/37

Out: 497.936 $\pm$ 0.080 χ^2 /NDF: 9789079.0/40

All: 497.408 $\pm$ 0.057 χ^2 /NDF: 18308111.0/78

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: 68.706 $\pm$ 17.494 χ^2 /NDF:36.5/22

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: 80.281 $\pm$ 12.654 χ^2 /NDF: 71.0/43

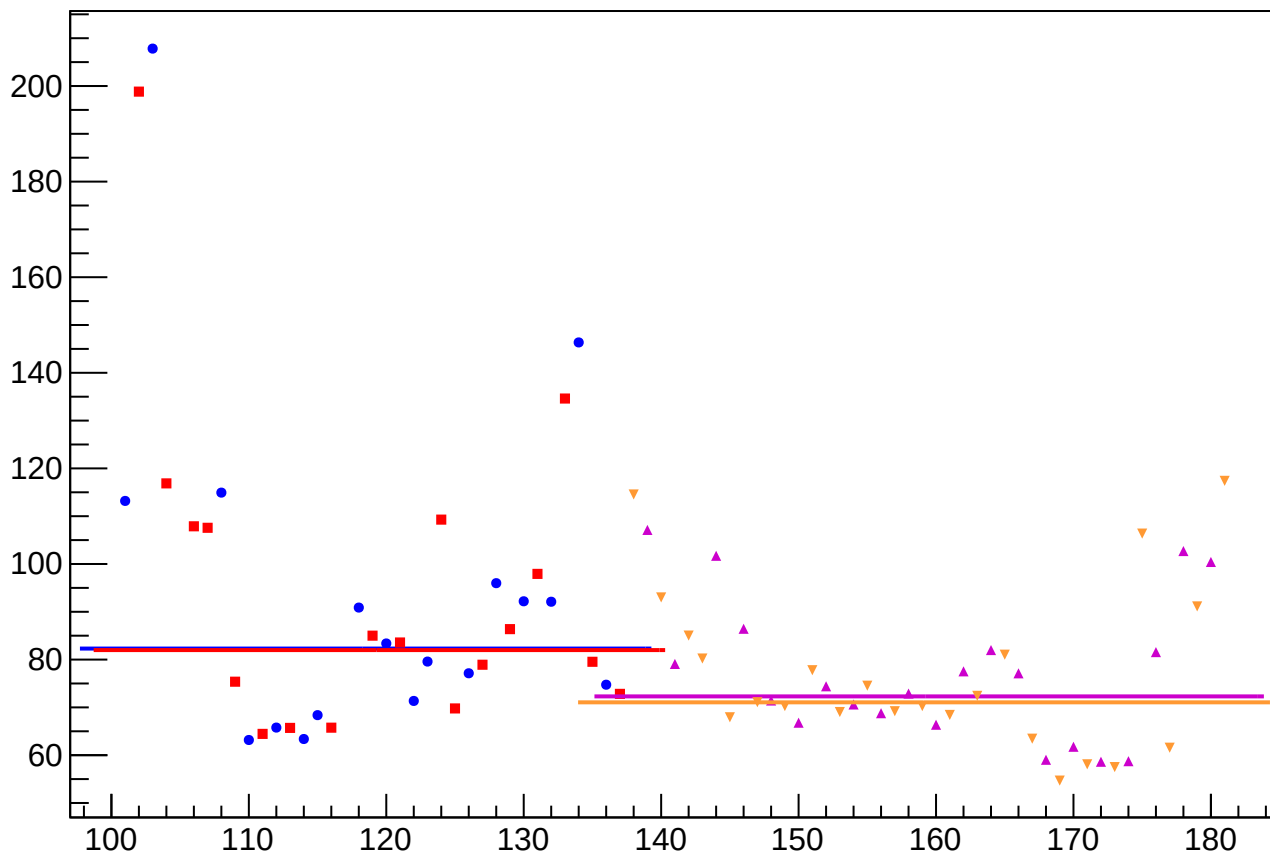
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 74.167 $\pm$ 16.046 χ^2 /NDF:53.5/37

Out: 55.716 $\pm$ 15.415 χ^2 /NDF:65.7/40

All: 64.571 $\pm$ 11.117 χ^2 /NDF: 119.9/78

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: 71.056 $\pm$ 0.012 χ^2 /NDF:1209132.9/22

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: 71.649 $\pm$ 0.009 χ^2 /NDF: 2196004.2/43

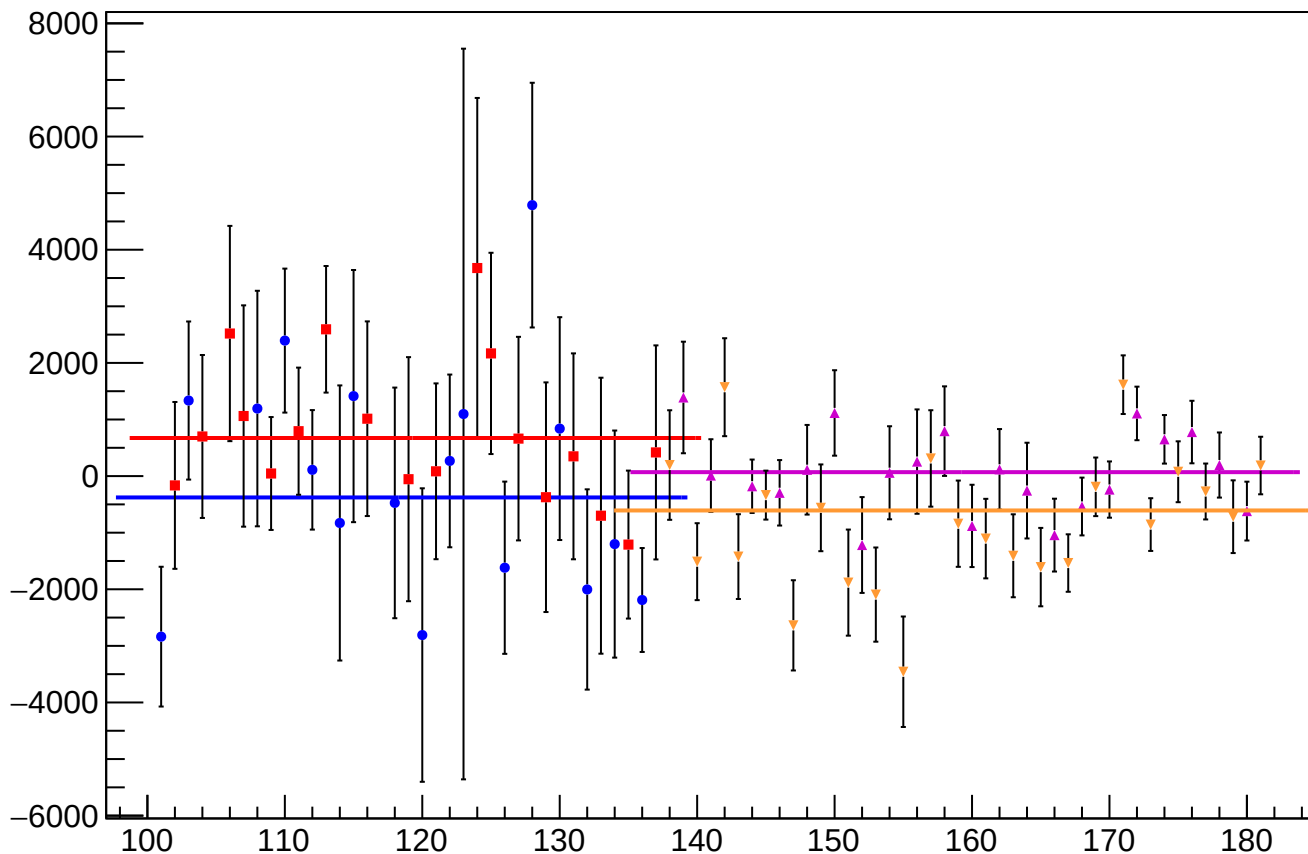
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 74.634 $\pm$ 0.011 χ^2 /NDF:1989849.6/37

Out: 73.499 $\pm$ 0.011 χ^2 /NDF:2236908.8/40

All: 74.044 $\pm$ 0.008 χ^2 /NDF: 4231956.6/78

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -607.235+/-131.931 χ^2/NDF : 62.7/22

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 69.630+/-134.353 χ^2/NDF : 24.3/20

Left: -274.957+/-94.134 χ^2/NDF : 99.9/43

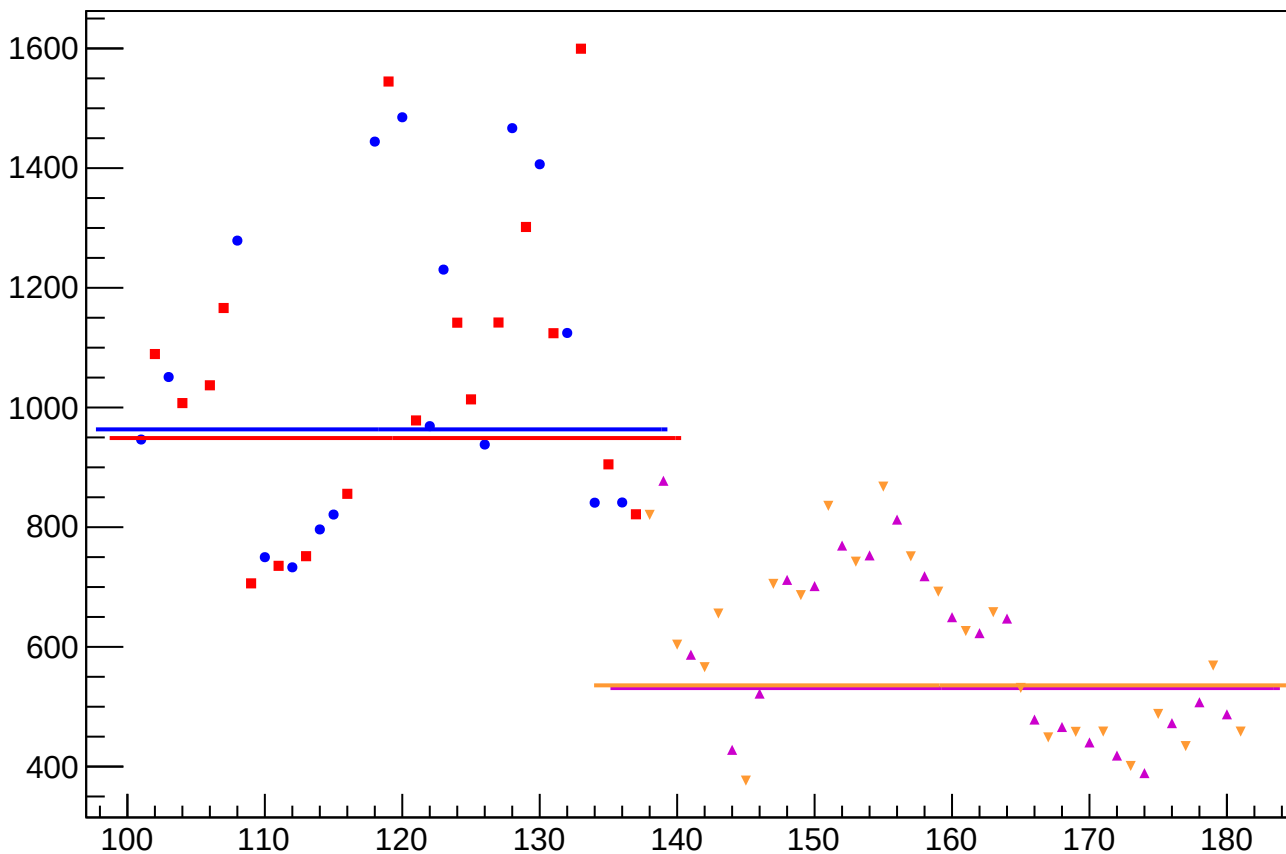
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: 20.860+/-126.811 χ^2/NDF : 50.0/37

Out: -461.843+/-124.215 χ^2/NDF : 82.8/40

All: -225.482+/-88.737 χ^2/NDF : 140.1/78

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 535.718+/-0.093 χ^2/NDF : 2013755.1/22

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 531.167+/-0.095 χ^2/NDF : 1775884.2/20

Left: 533.484+/-0.067 χ^2/NDF : 3790808.0/43

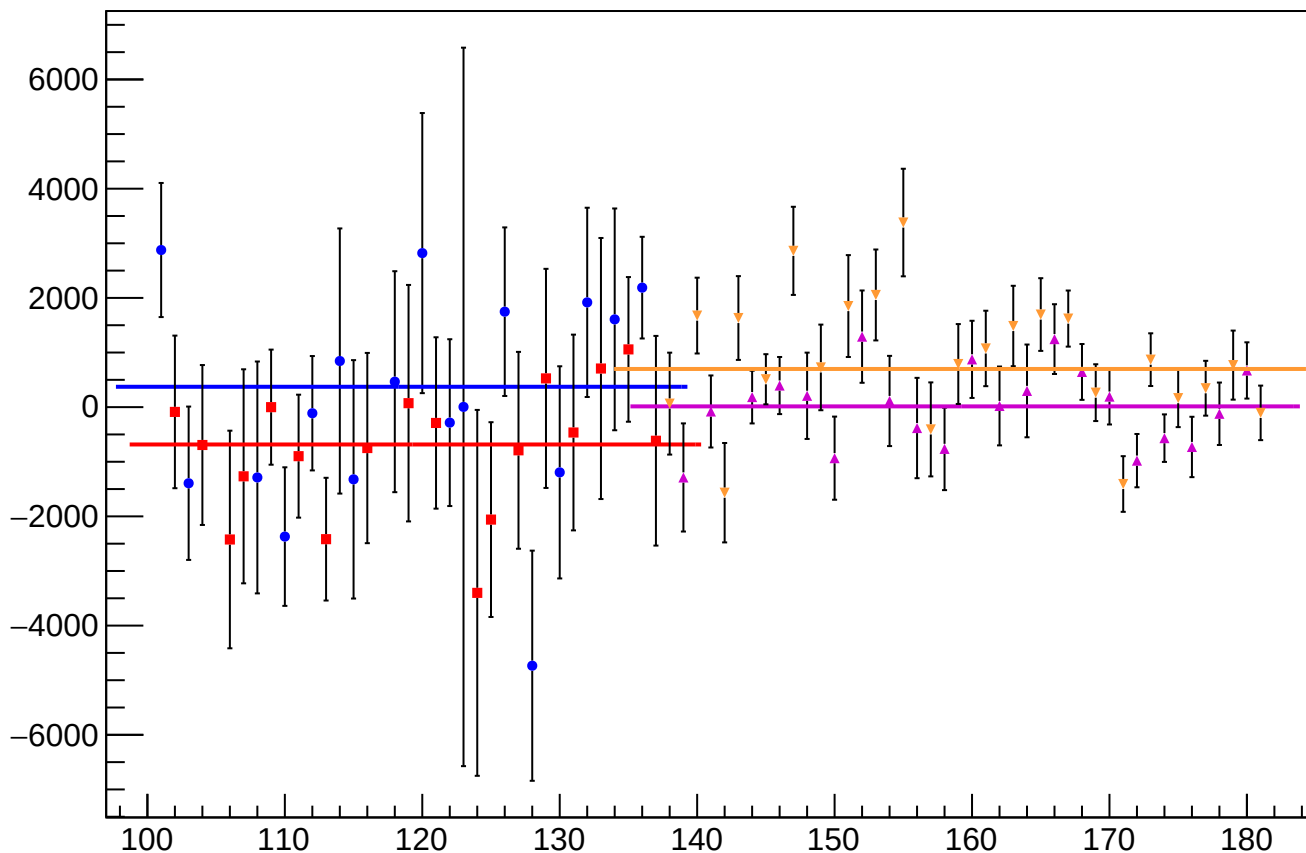
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 578.337+/-0.090 χ^2/NDF : 4724177.8/37

Out: 582.640+/-0.088 χ^2/NDF : 4971054.4/40

All: 580.533+/-0.063 χ^2/NDF : 9696407.3/78

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 699.067 $\pm$ 132.746 χ^2/NDF : 59.6/22

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: 360.596 $\pm$ 94.424 χ^2/NDF : 96.8/43

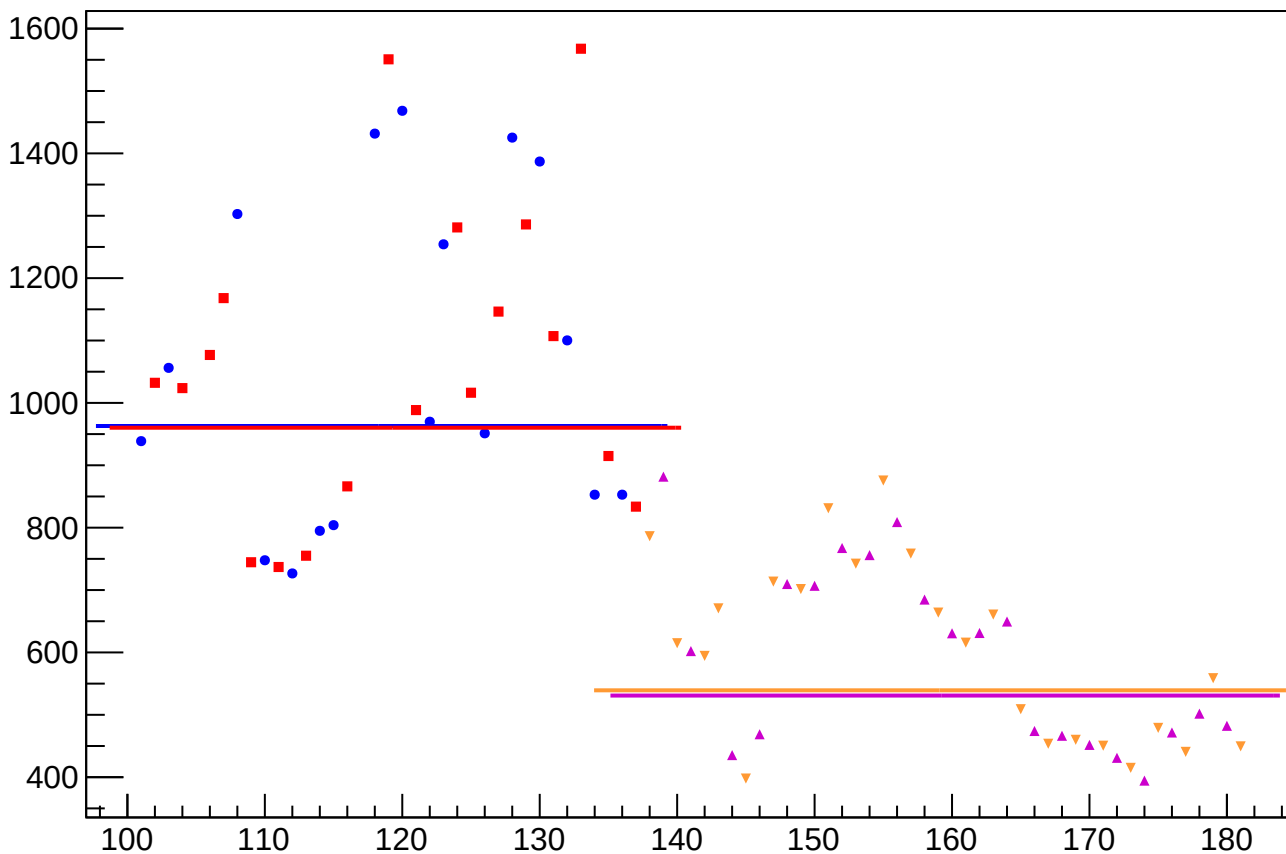
Right: -171.066 $\pm$ 267.226 χ^2/NDF : 36.9/34

In: 53.152 $\pm$ 126.792 χ^2/NDF : 50.0/37

Out: 543.198 $\pm$ 125.040 χ^2/NDF : 79.6/40

All: 301.583 $\pm$ 89.030 χ^2/NDF : 137.2/78

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 539.253 $\pm$ 0.094 χ^2 /NDF:1882757.2/22

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: 535.111 $\pm$ 0.067 χ^2 /NDF: 3587673.5/43

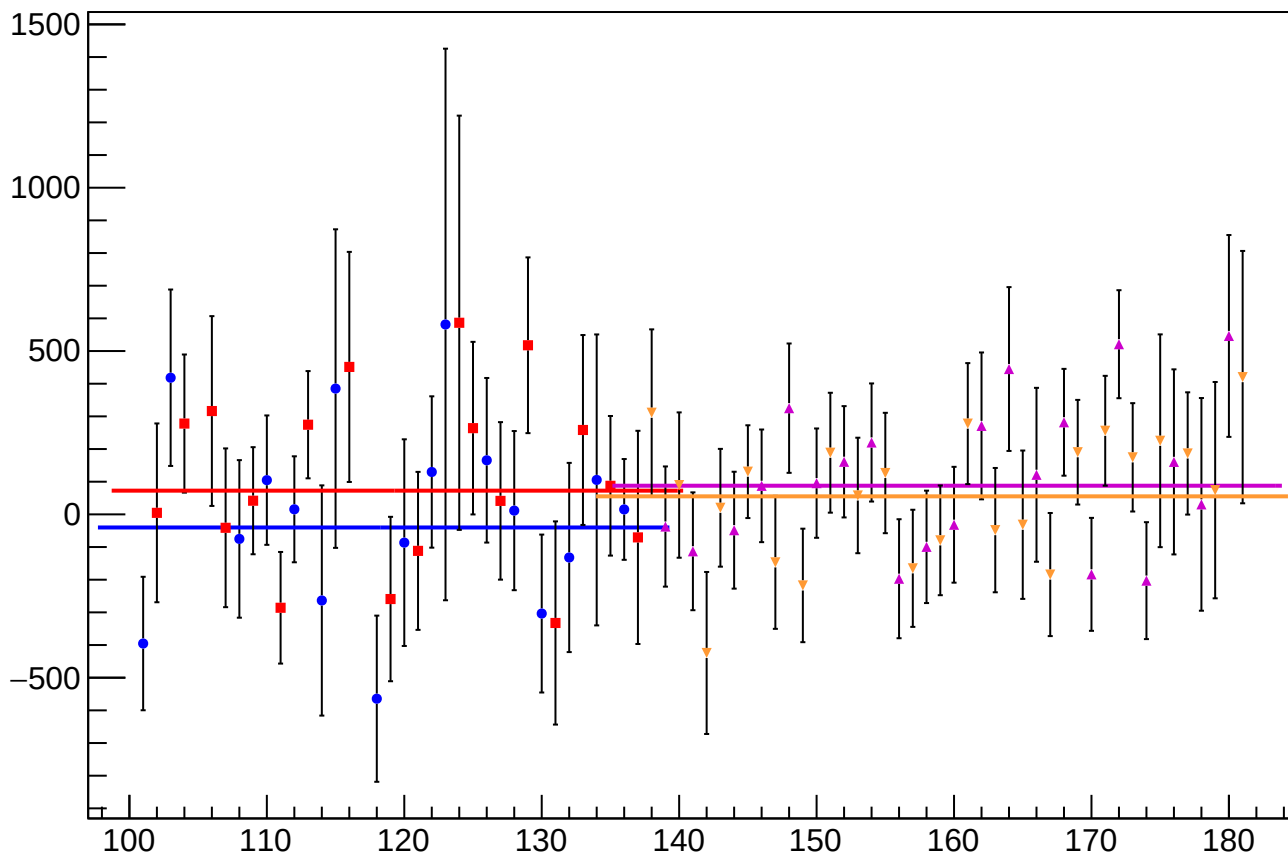
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 578.061 $\pm$ 0.090 χ^2 /NDF:4628343.1/37

Out: 586.708 $\pm$ 0.088 χ^2 /NDF:4821107.8/40

All: 582.445 $\pm$ 0.063 χ^2 /NDF: 9454166.8/78

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 55.186 ± 40.293 χ^2/NDF : 19.2/22

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: 70.787 ± 29.063 χ^2/NDF : 46.4/43

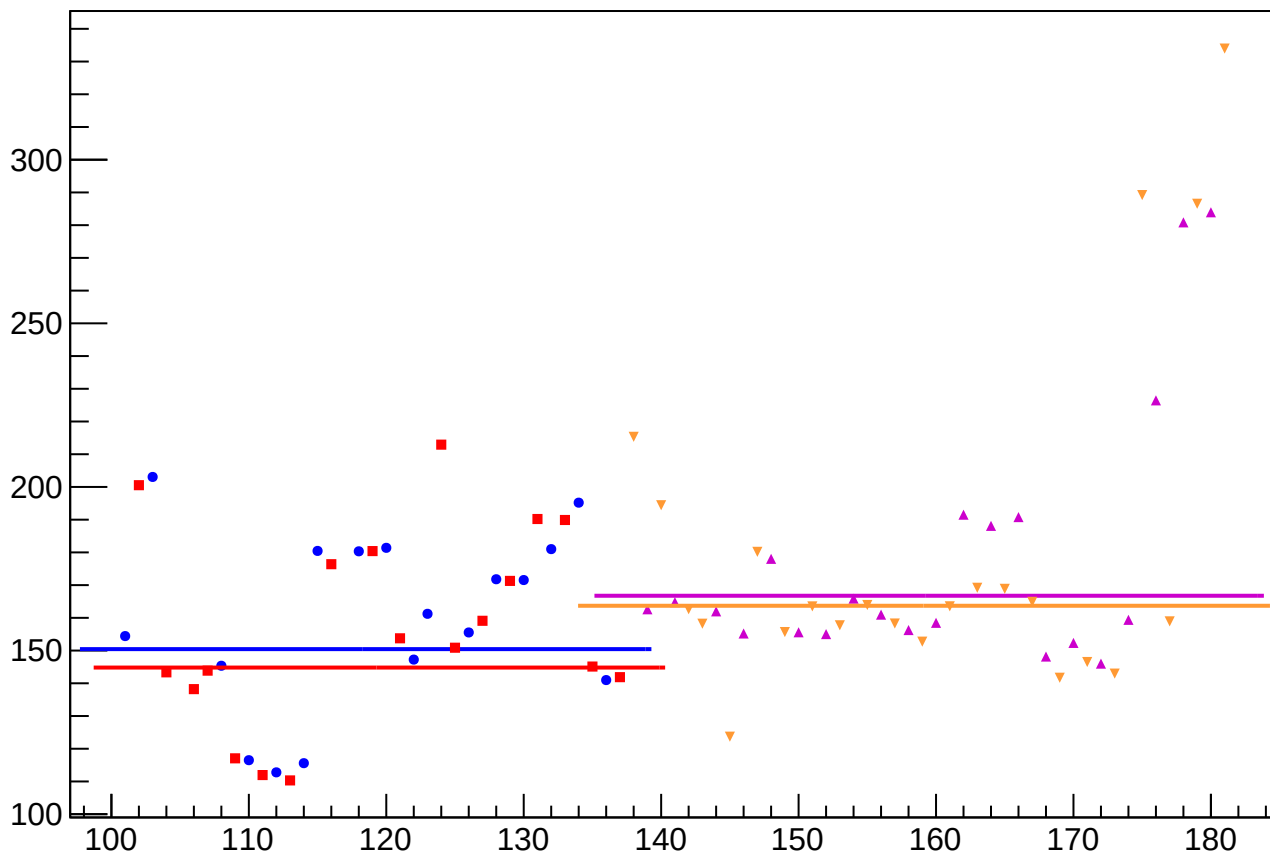
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 45.017 ± 34.243 χ^2/NDF : 45.3/37

Out: 61.085 ± 32.769 χ^2/NDF : 36.8/40

All: 53.404 ± 23.675 χ^2/NDF : 82.3/78

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442+/-0.042 χ^2/NDF : 400121.4/16

Left Out: 163.691+/-0.028 χ^2/NDF :1365467.6/22

Right Out: 144.807+/-0.040 χ^2/NDF : 503863.1/17

Left In: 166.752+/-0.030 χ^2/NDF :802255.8/20

Left: 165.160+/-0.021 χ^2/NDF : 2173259.2/43

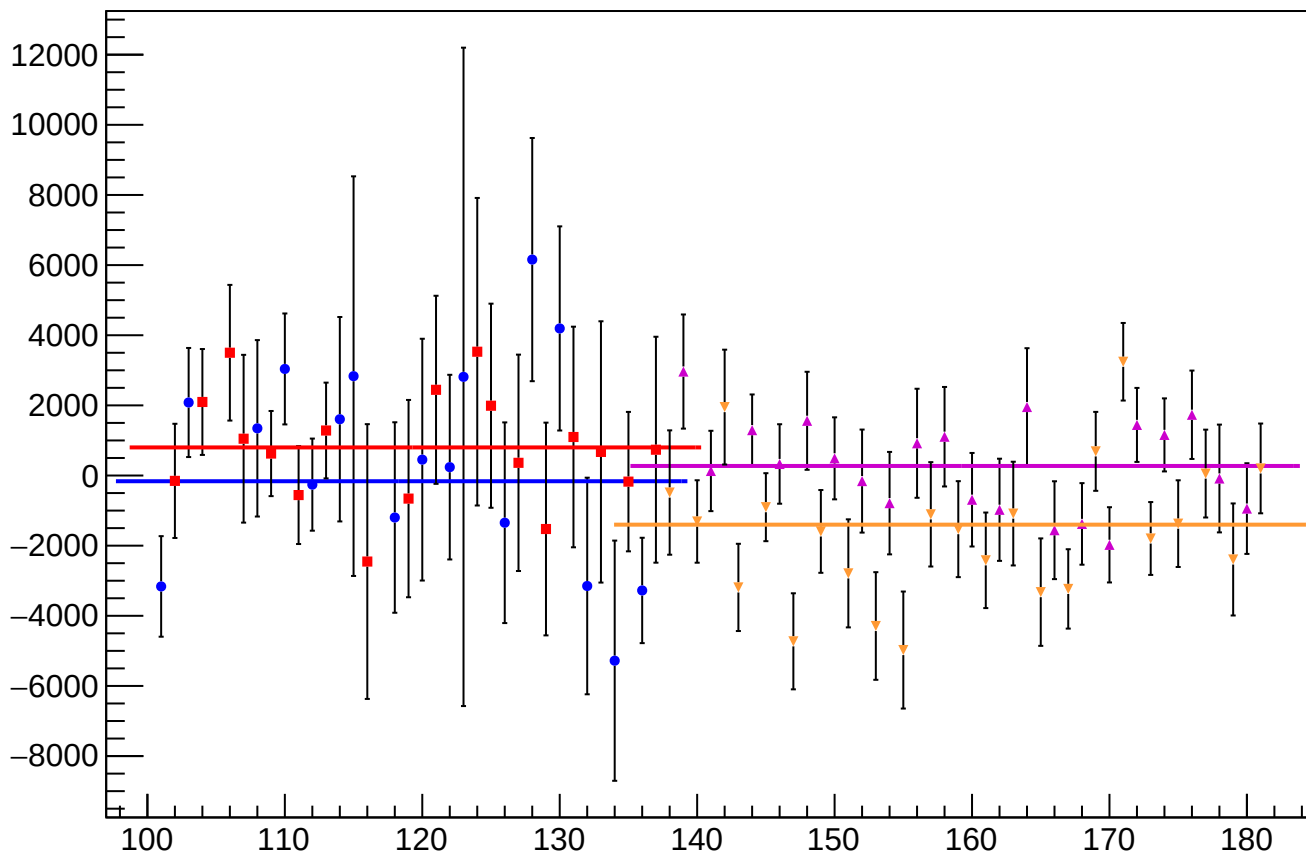
Right: 147.481+/-0.029 χ^2/NDF : 913486.7/34

In: 161.305+/-0.024 χ^2/NDF :1303299.2/37

Out: 157.297+/-0.023 χ^2/NDF :2018084.6/40

All: 159.213+/-0.017 χ^2/NDF : 3335685.6/78

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: -1401.031 $\pm$ 271.182 χ^2 /NDF:51.1/22

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: -584.528 $\pm$ 194.069 χ^2 /NDF: 90.0/43

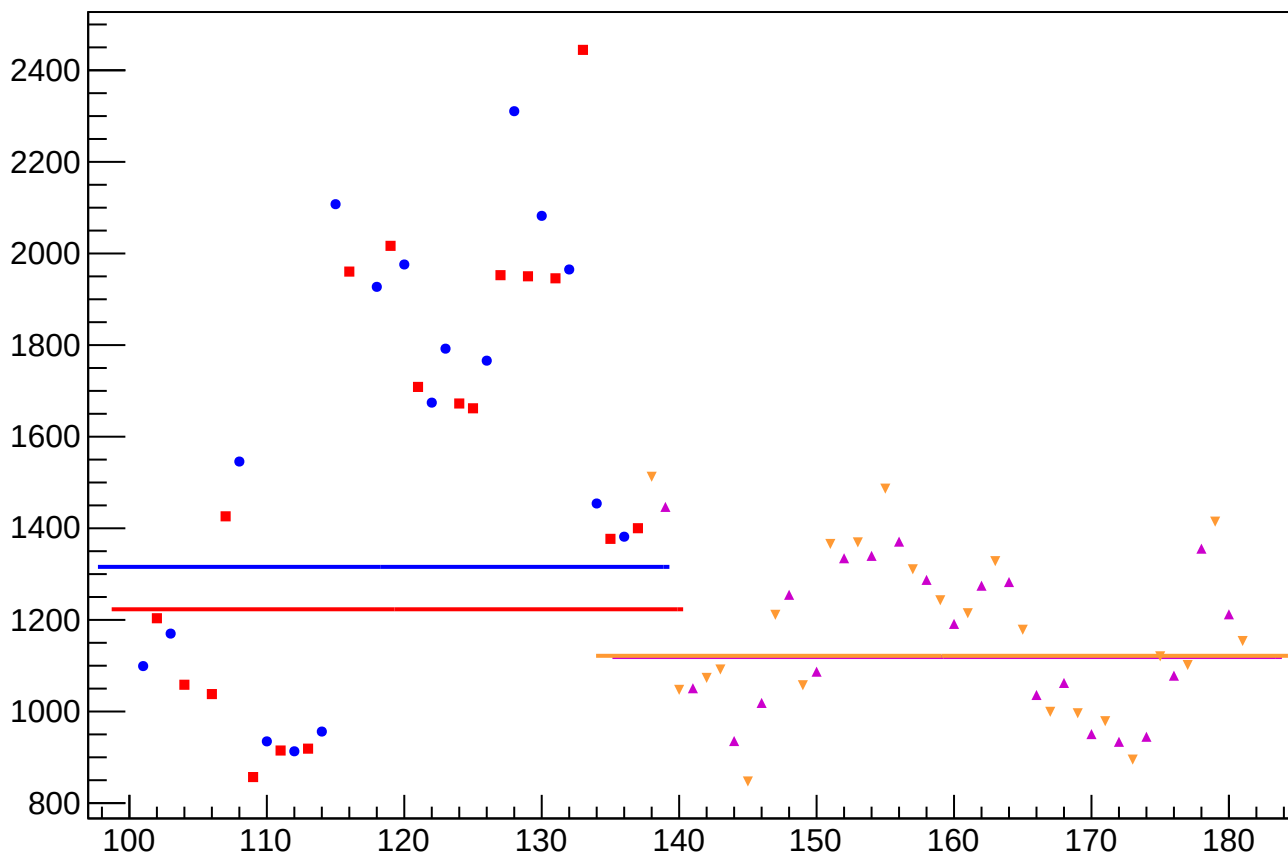
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 179.620 $\pm$ 246.398 χ^2 /NDF:46.0/37

Out: -879.175 $\pm$ 236.881 χ^2 /NDF:73.6/40

All: -370.619 $\pm$ 170.766 χ^2 /NDF: 129.2/78

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: 1121.631 $\pm$ 0.192 χ^2 /NDF: 825645.9/22

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: 1120.314 $\pm$ 0.137 χ^2 /NDF: 1470651.5/43

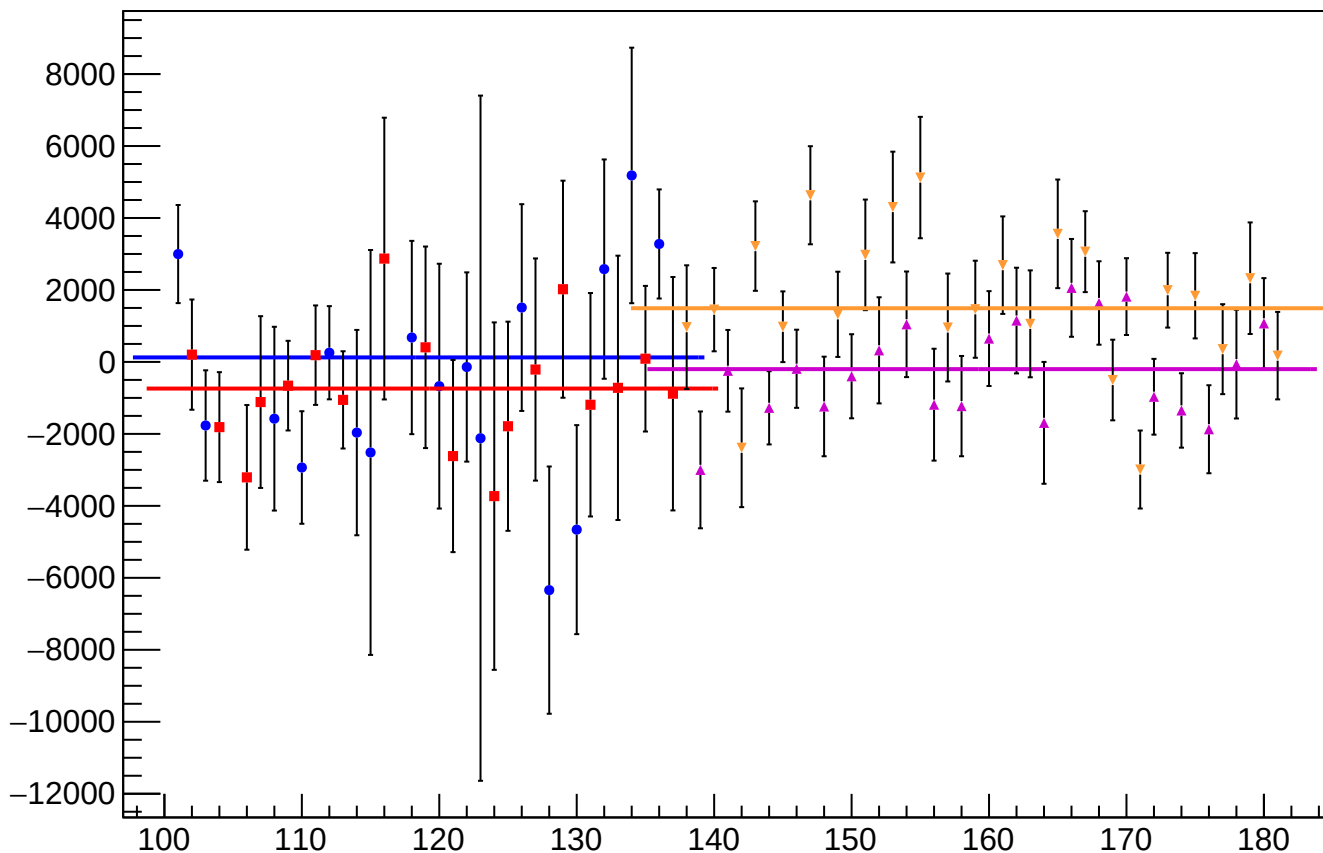
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1160.974 $\pm$ 0.174 χ^2 /NDF: 1977667.6/37

Out: 1145.695 $\pm$ 0.168 χ^2 /NDF: 2255158.6/40

All: 1153.034 $\pm$ 0.121 χ^2 /NDF: 4236822.7/78

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1492.130 $\pm$ 268.958 χ^2 /NDF:49.8/22

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: 665.310 $\pm$ 192.346 χ^2 /NDF: 91.1/43

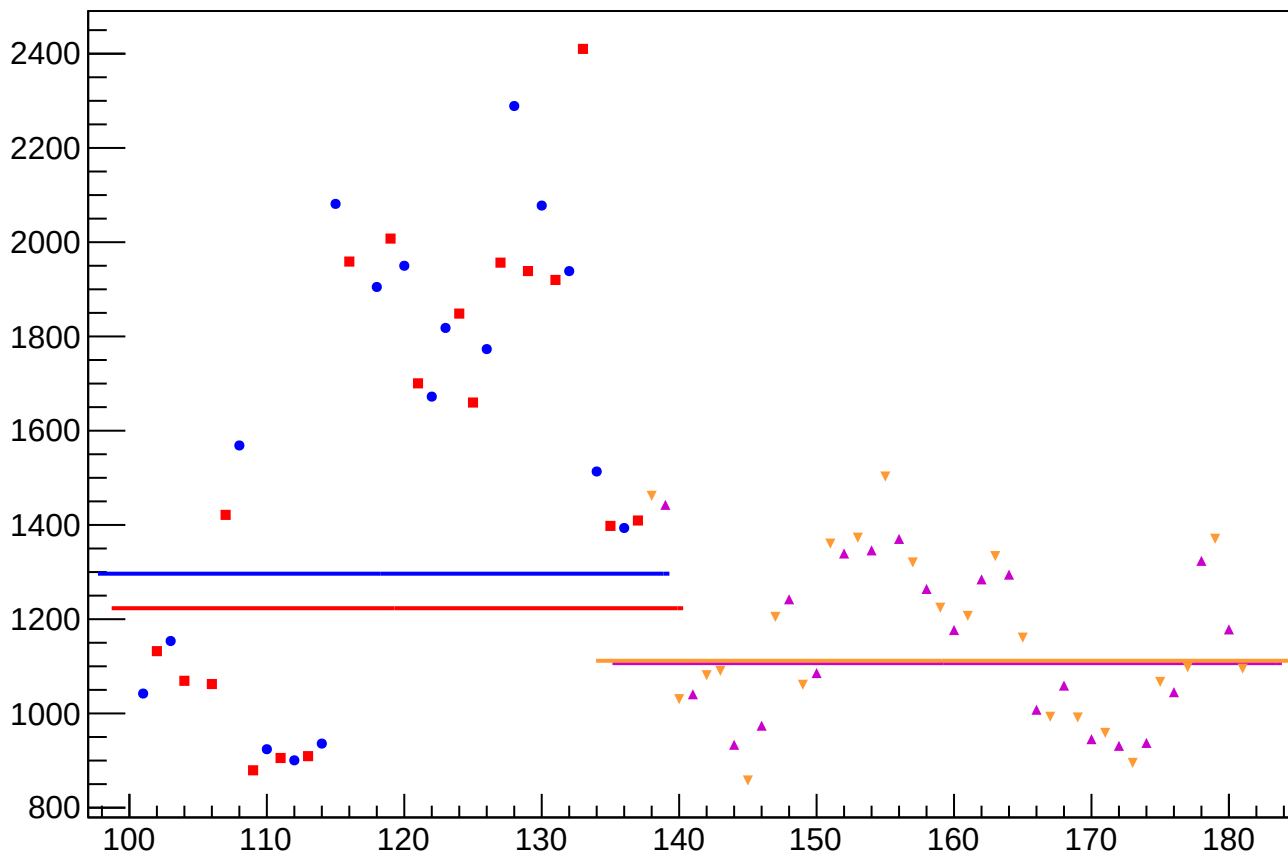
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -130.447 $\pm$ 243.913 χ^2 /NDF:47.0/37

Out: 970.130 $\pm$ 235.417 χ^2 /NDF:71.9/40

All: 439.344 $\pm$ 169.389 χ^2 /NDF: 129.4/78

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1111.779 $\pm$ 0.190 χ^2 /NDF: 799018.7/22

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: 1109.347 $\pm$ 0.136 χ^2 /NDF: 1466753.6/43

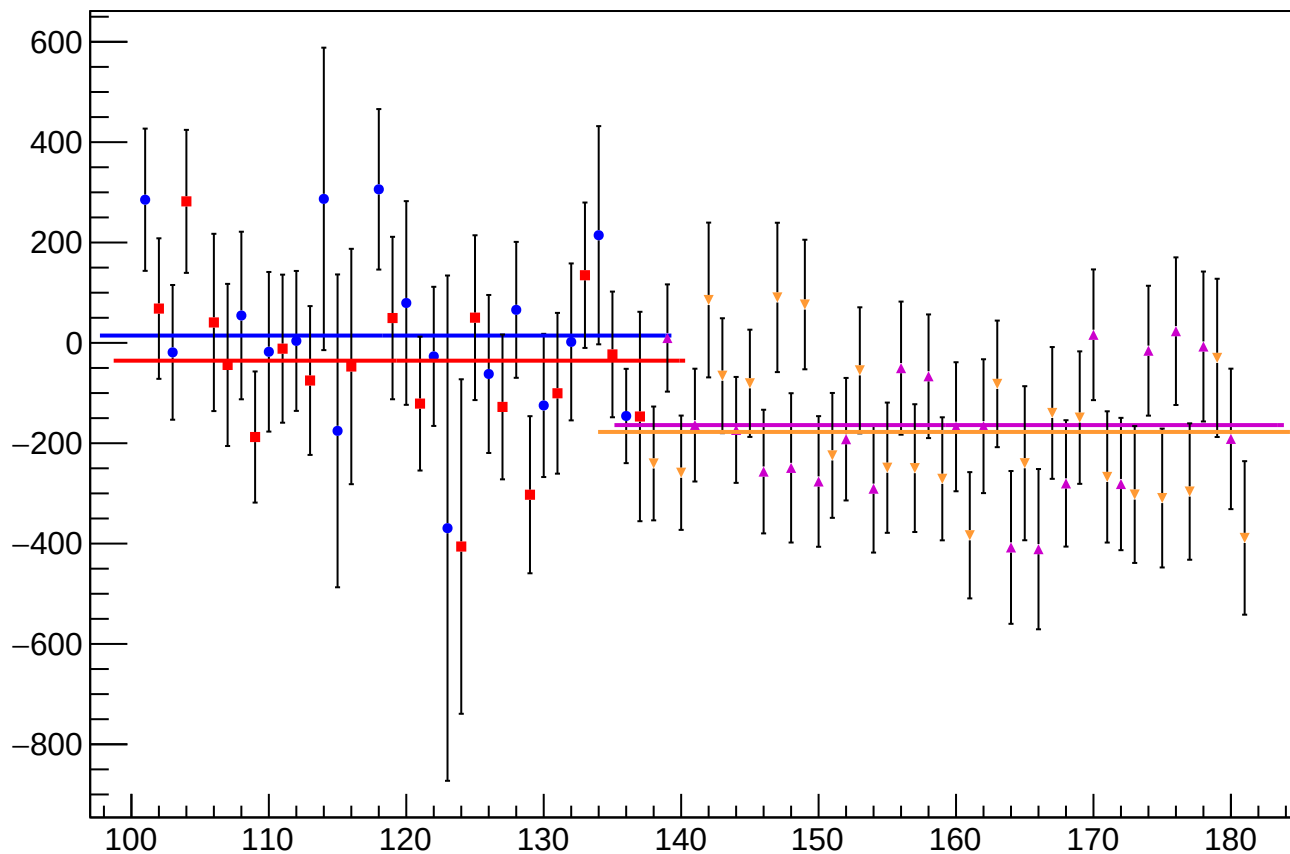
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1147.483 $\pm$ 0.172 χ^2 /NDF: 2046766.1/37

Out: 1137.854 $\pm$ 0.166 χ^2 /NDF: 2226085.6/40

All: 1142.498 $\pm$ 0.120 χ^2 /NDF: 4274465.6/78

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: -177.497 ± 27.050 $\chi^2/\text{NDF}: 24.2/22$
 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: -170.950 ± 19.518 $\chi^2/\text{NDF}: 43.6/43$

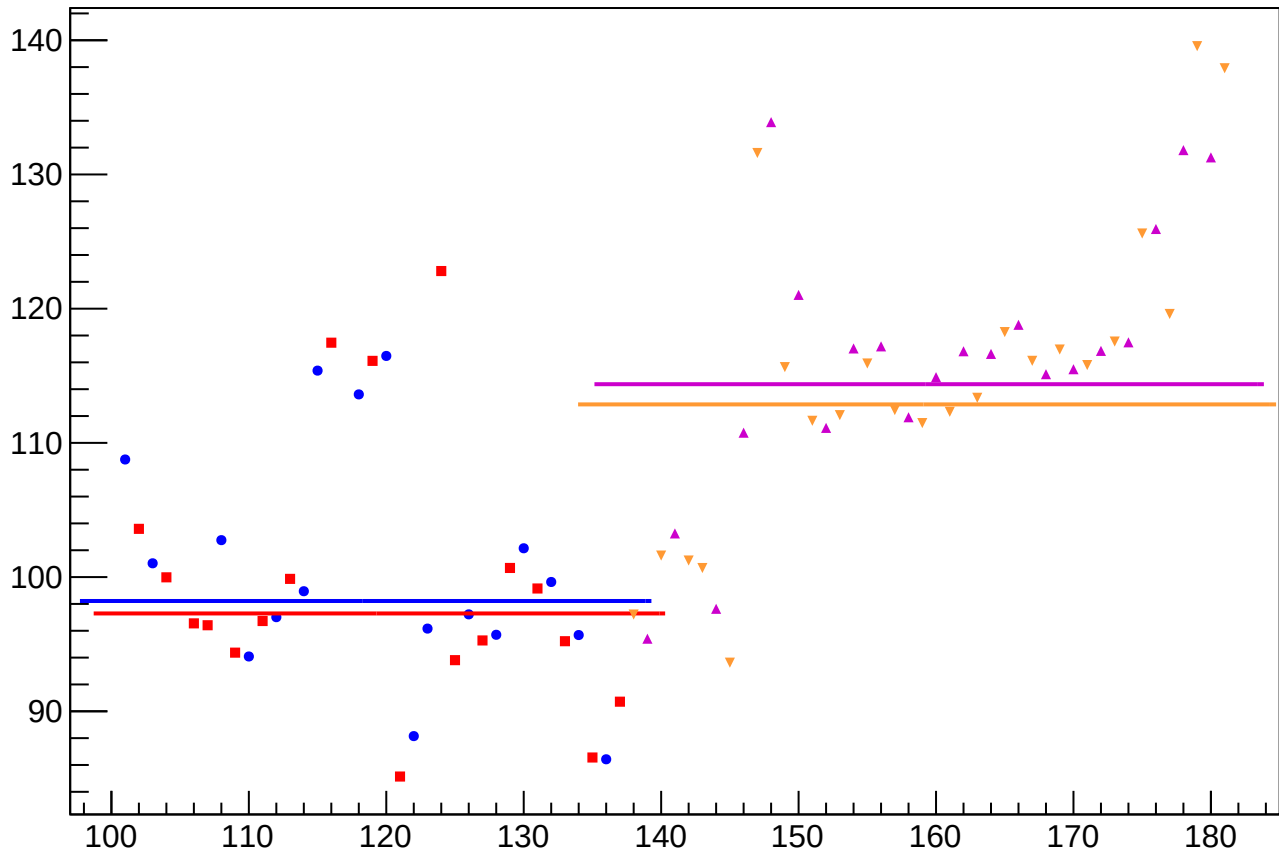
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -100.540 ± 22.644 $\chi^2/\text{NDF}: 47.7/37$

Out: -127.552 ± 21.780 $\chi^2/\text{NDF}: 48.4/40$

All: -114.571 ± 15.698 $\chi^2/\text{NDF}: 96.8/78$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.867+/-0.019 χ^2/NDF : 332679.6/22

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: 113.588+/-0.014 χ^2/NDF : 587404.7/43

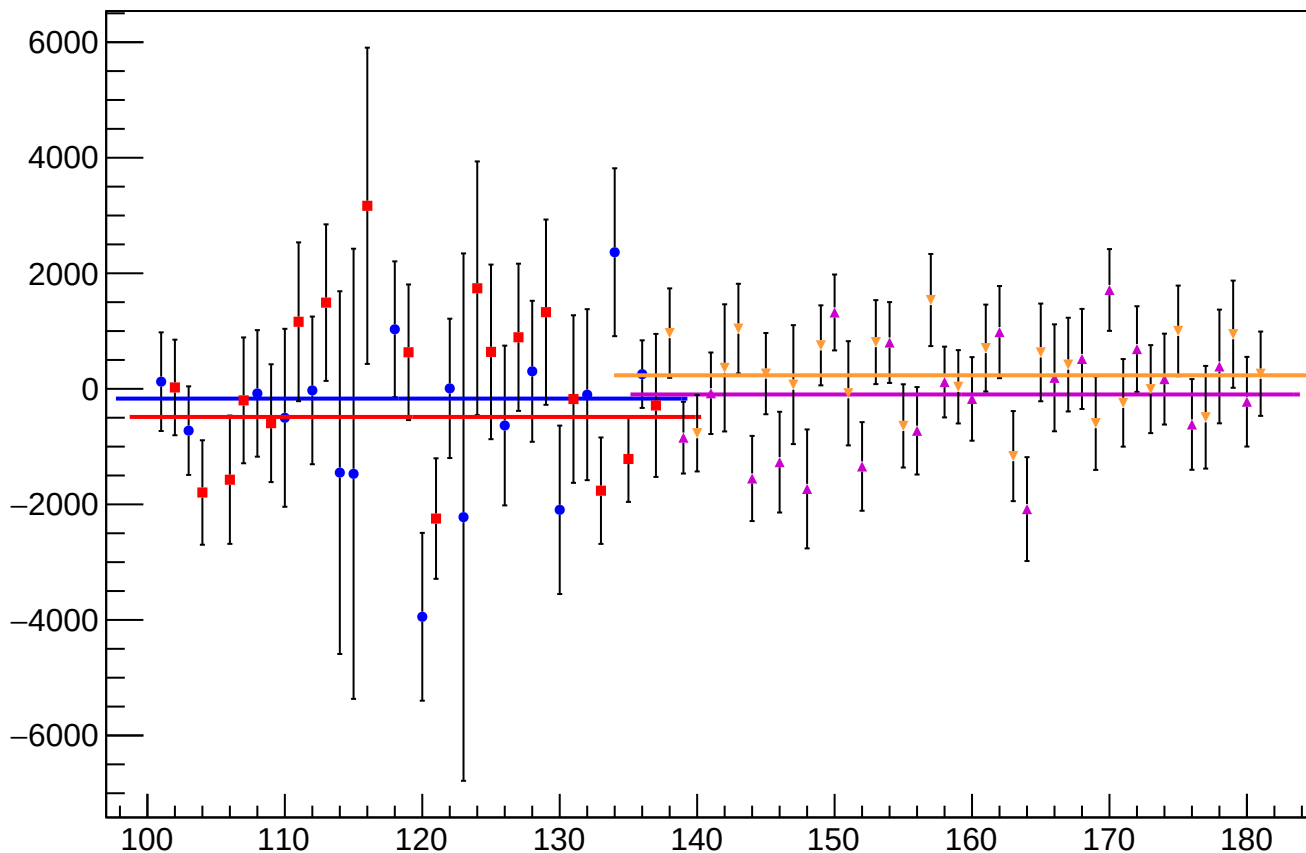
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 108.641+/-0.016 χ^2/NDF : 585235.2/37

Out: 107.389+/-0.015 χ^2/NDF : 662113.4/40

All: 107.991+/-0.011 χ^2/NDF : 1250525.9/78

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 234.591 ± 162.560 $\chi^2/\text{NDF}: 17.5/22$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -97.331 ± 166.344 $\chi^2/\text{NDF}: 35.2/20$

Left: 72.448 ± 116.262 $\chi^2/\text{NDF}: 54.8/43$

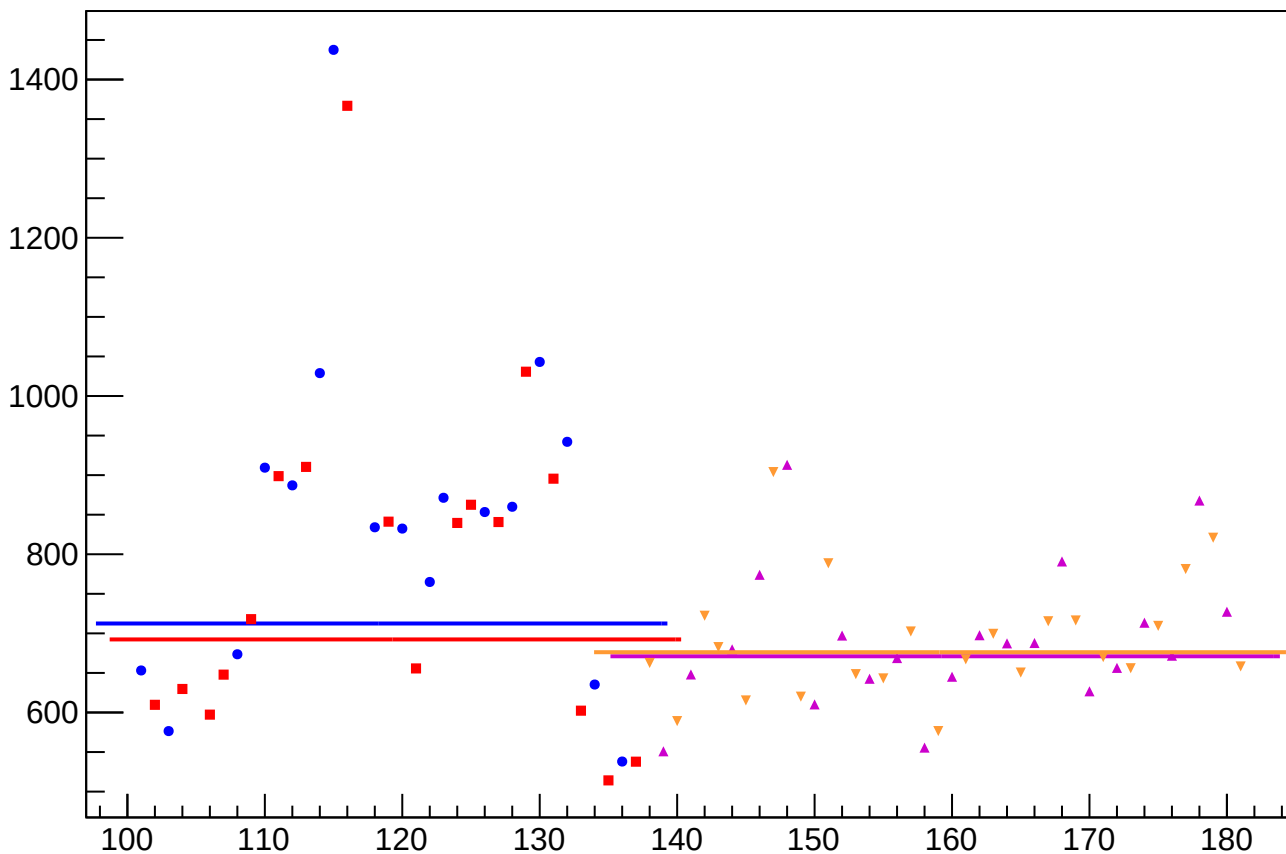
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -115.763 ± 143.298 $\chi^2/\text{NDF}: 49.9/37$

Out: 40.703 ± 138.991 $\chi^2/\text{NDF}: 42.4/40$

All: -35.143 ± 99.769 $\chi^2/\text{NDF}: 92.9/78$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 676.194 $\pm$ 0.115 χ^2 /NDF: 351031.2/22

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 671.051 $\pm$ 0.118 χ^2 /NDF: 458762.6/20

Left: 673.682 $\pm$ 0.082 χ^2 /NDF: 810771.7/43

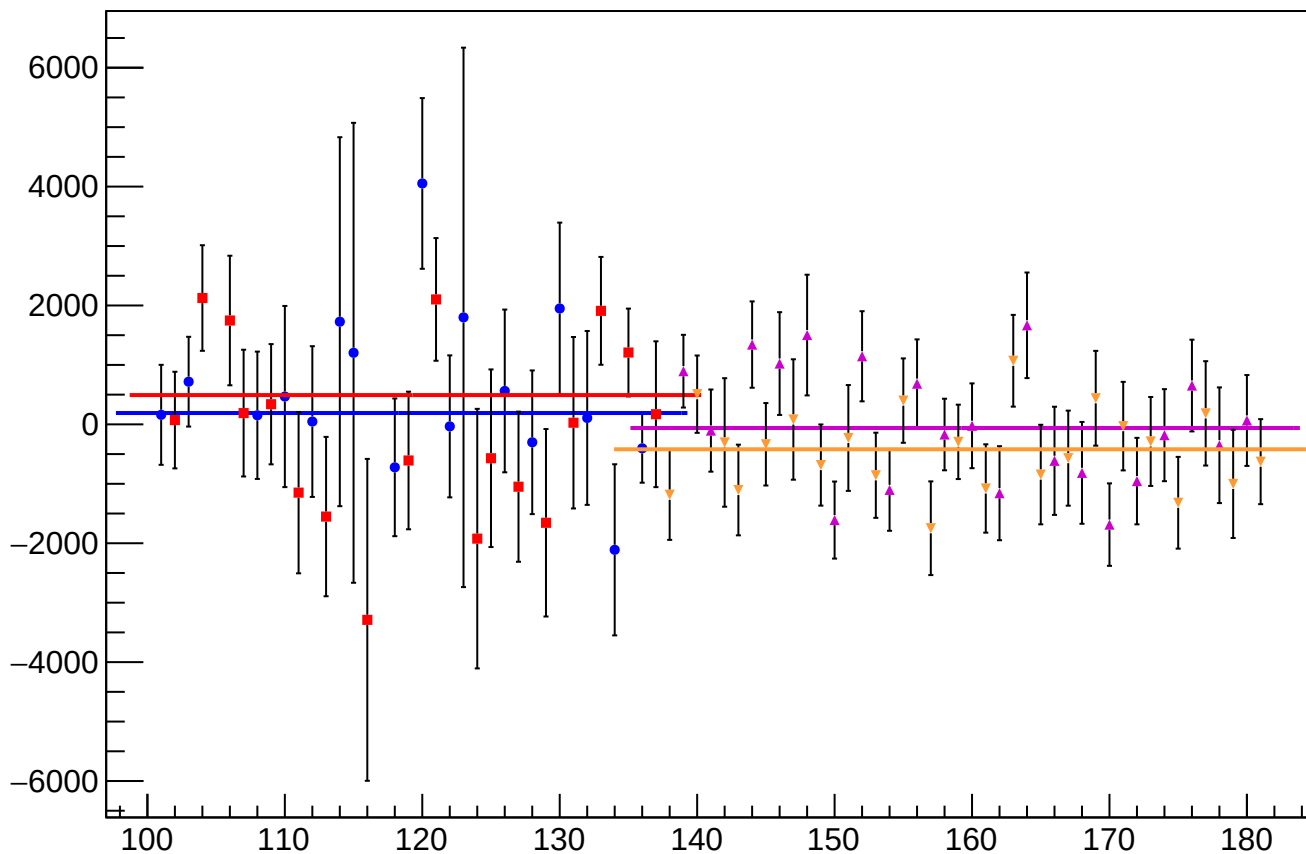
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 681.734 $\pm$ 0.101 χ^2 /NDF: 1151270.1/37

Out: 680.537 $\pm$ 0.098 χ^2 /NDF: 1013292.3/40

All: 681.117 $\pm$ 0.071 χ^2 /NDF: 2164634.3/78

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -419.354 $\pm$ 160.110 χ^2 /NDF:17.5/22

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: -244.379 $\pm$ 114.514 χ^2 /NDF: 56.5/43

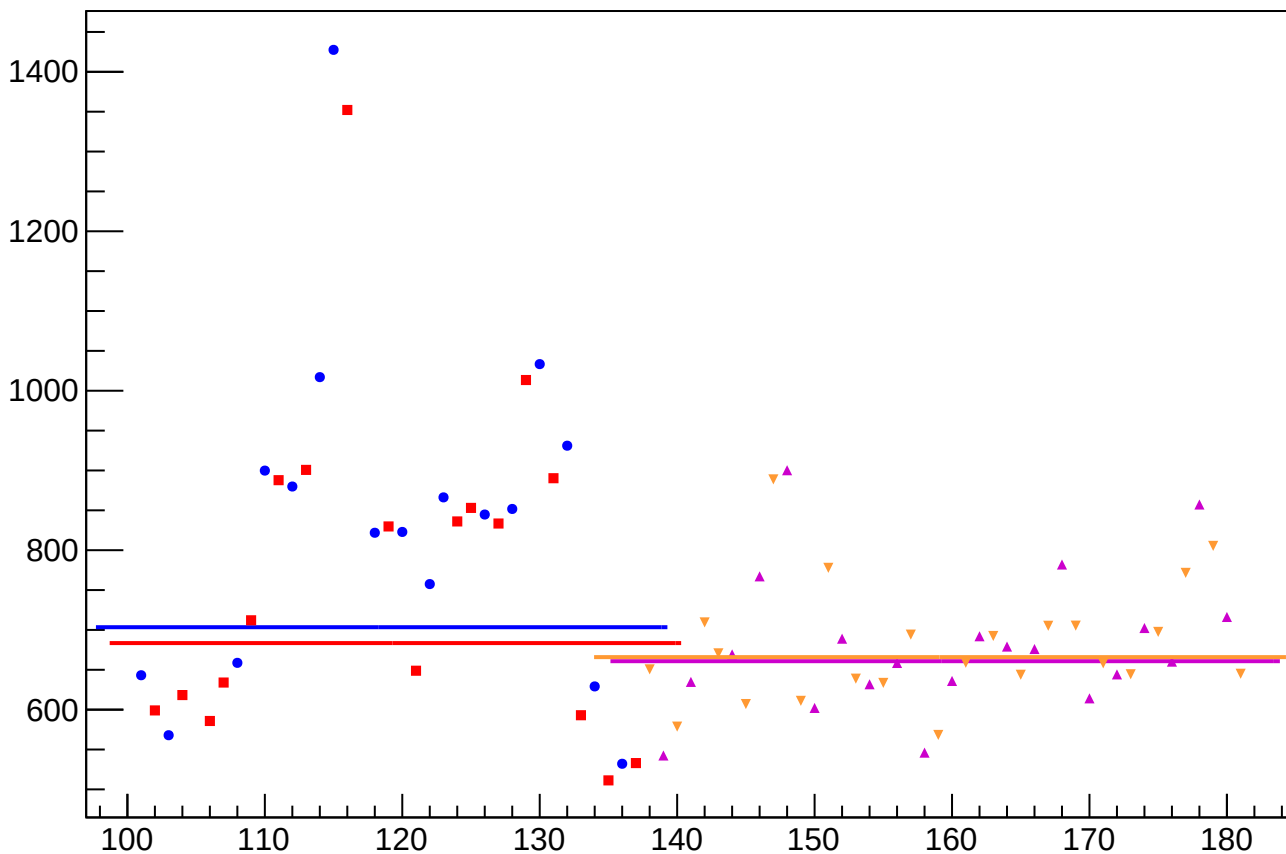
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 3.604 $\pm$ 141.243 χ^2 /NDF:51.3/37

Out: -174.927 $\pm$ 136.988 χ^2 /NDF:49.0/40

All: -88.391 $\pm$ 98.335 χ^2 /NDF: 101.1/78

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 665.882+/-0.113 χ^2/NDF : 350716.1/22

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: 663.390+/-0.081 χ^2/NDF : 821456.3/43

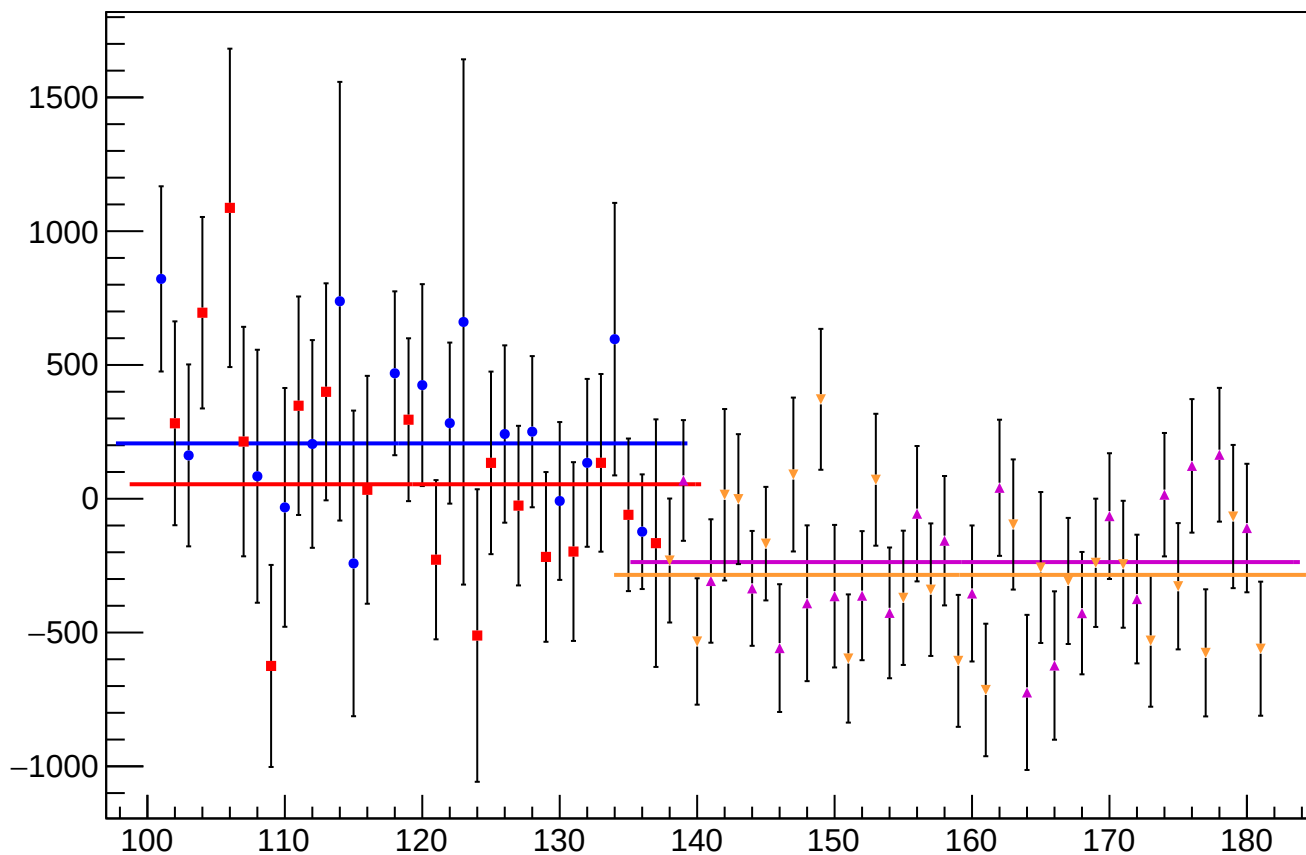
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 671.731+/-0.100 χ^2/NDF : 1171407.3/37

Out: 670.601+/-0.097 χ^2/NDF : 1016556.0/40

All: 671.149+/-0.070 χ^2/NDF : 2188029.2/78

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -284.532 ± 51.611 χ^2/NDF : 25.4/22

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -236.713 ± 53.545 χ^2/NDF : 19.8/20

Left: -261.501 ± 37.159 χ^2/NDF : 45.6/43

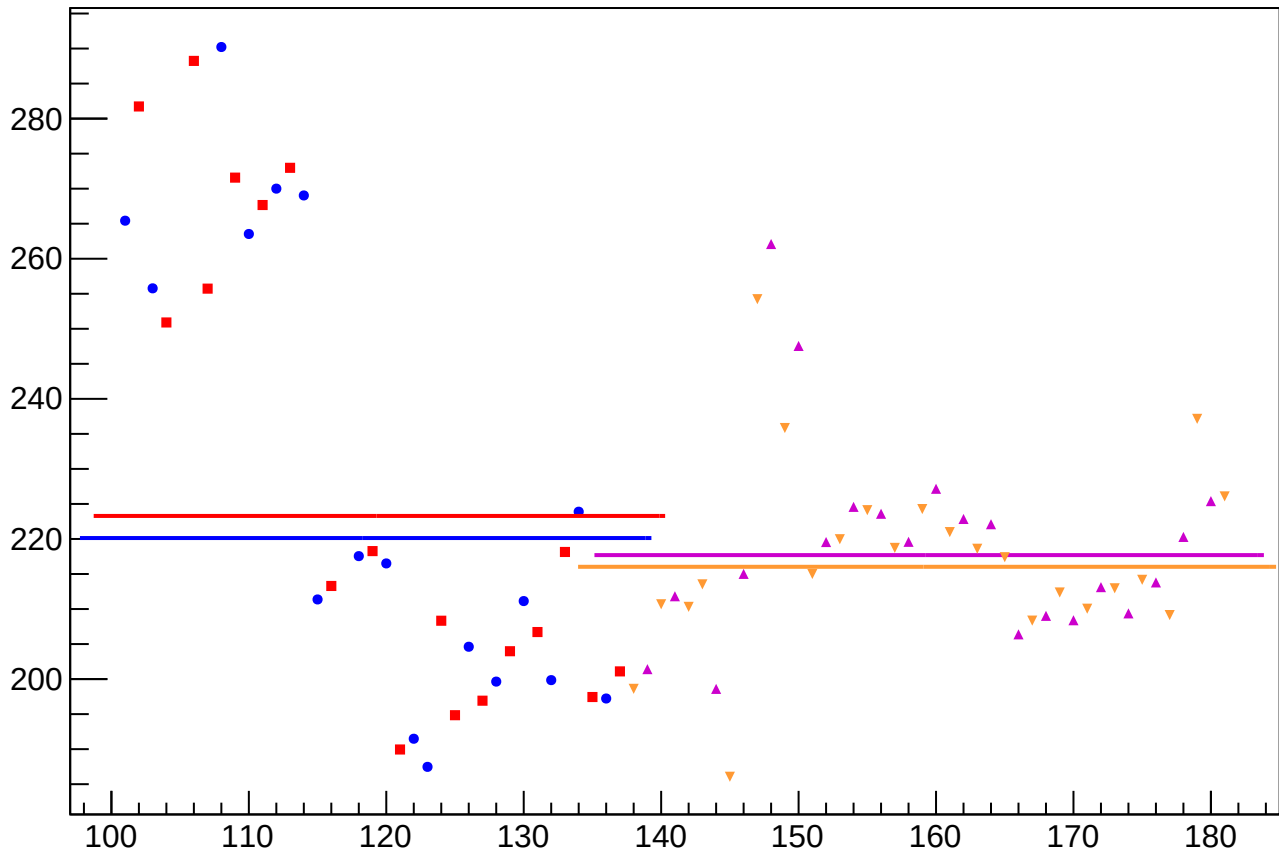
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -112.026 ± 45.400 χ^2/NDF : 48.6/37

Out: -193.593 ± 44.143 χ^2/NDF : 52.6/40

All: -153.954 ± 31.649 χ^2/NDF : 102.8/78

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2/NDF : 228444.0/16

Left Out: 216.029 $\pm$ 0.036 χ^2/NDF :127498.7/22

Right Out: 223.287 $\pm$ 0.060 χ^2/NDF : 272255.2/17

Left In: 217.697 $\pm$ 0.038 χ^2/NDF :121810.7/20

Left: 216.832 $\pm$ 0.026 χ^2/NDF : 250316.1/43

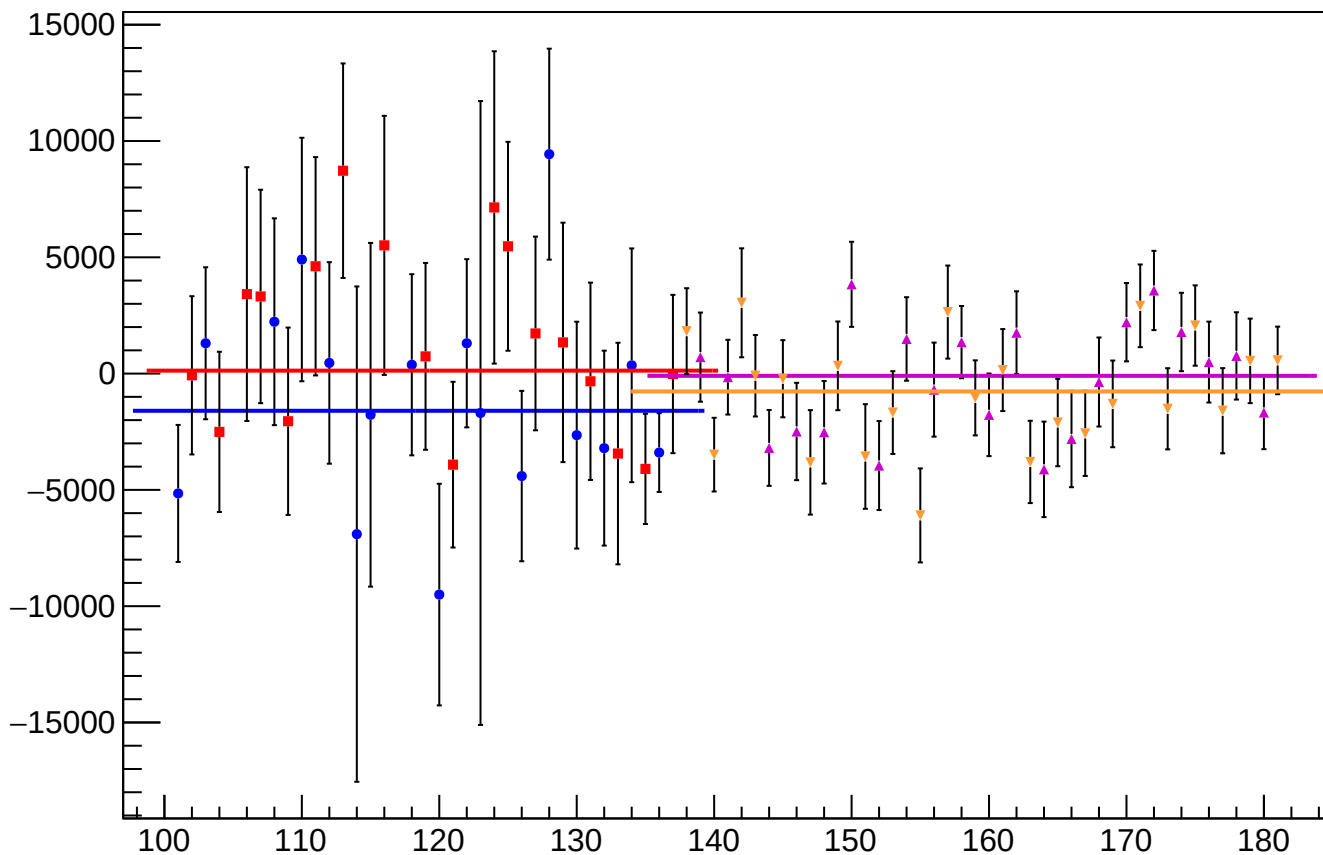
Right: 221.718 $\pm$ 0.043 χ^2/NDF : 502063.5/34

In: 218.382 $\pm$ 0.032 χ^2/NDF :351417.7/37

Out: 217.978 $\pm$ 0.031 χ^2/NDF :410375.2/40

All: 218.174 $\pm$ 0.022 χ^2/NDF : 761874.4/78

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: -767.376 $\pm$ 378.126 χ^2 /NDF:35.2/22

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: -445.430 $\pm$ 272.710 χ^2 /NDF: 70.1/43

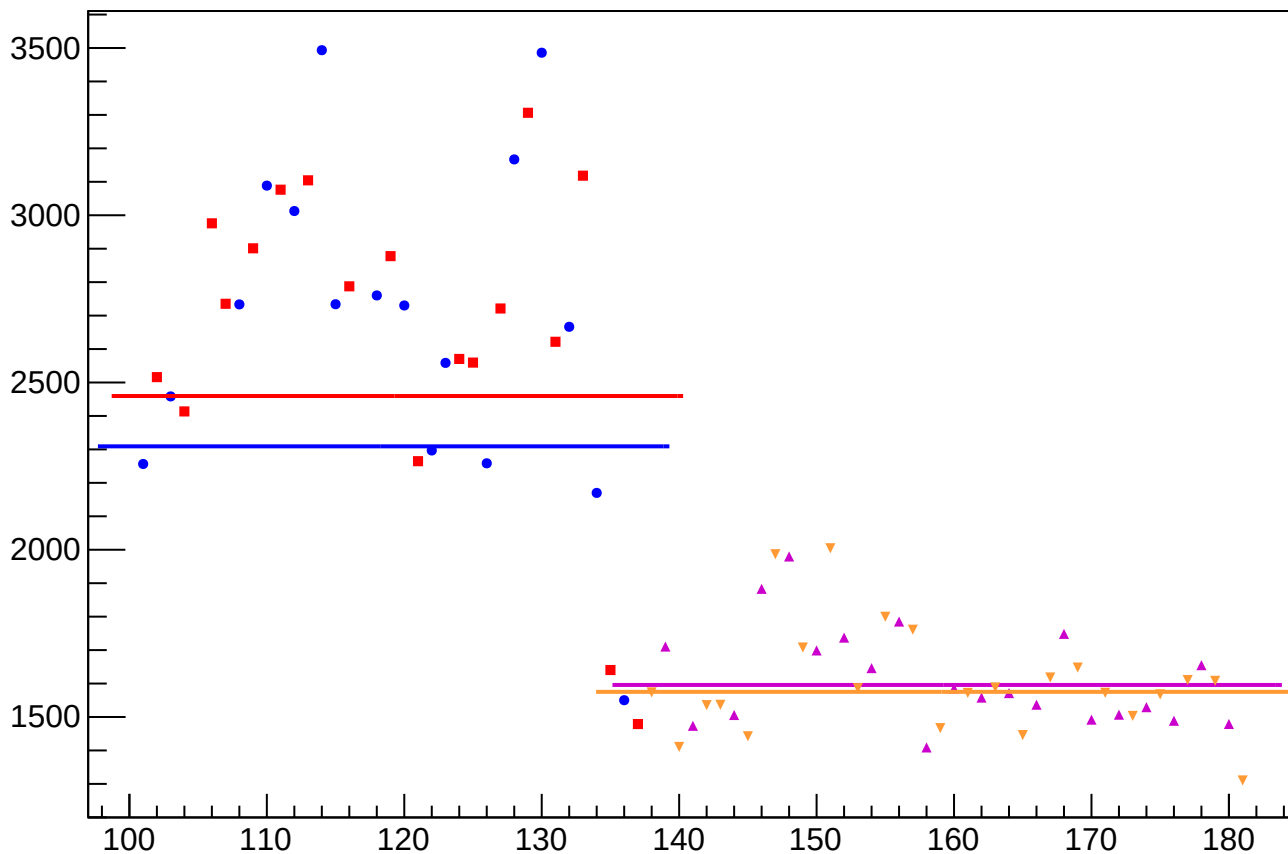
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -328.562 $\pm$ 362.002 χ^2 /NDF:52.3/37

Out: -644.756 $\pm$ 351.274 χ^2 /NDF:50.8/40

All: -491.414 $\pm$ 252.096 χ^2 /NDF: 103.4/78

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: 1575.186 $\pm$ 0.267 χ^2 /NDF: 321680.4/22

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: 1585.070 $\pm$ 0.193 χ^2 /NDF: 565414.9/43

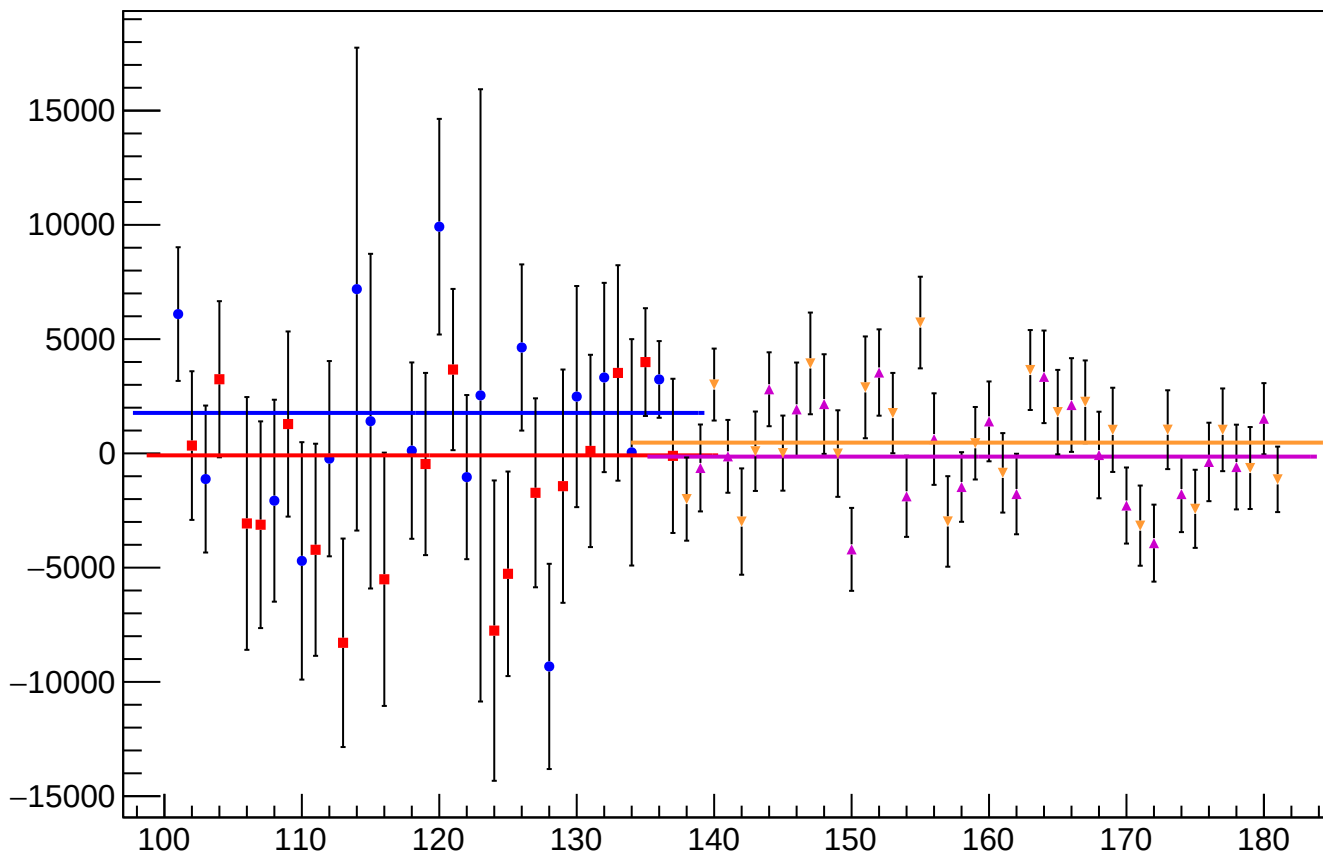
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1705.980 $\pm$ 0.256 χ^2 /NDF: 2055988.4/37

Out: 1696.338 $\pm$ 0.248 χ^2 /NDF: 2488663.2/40

All: 1701.014 $\pm$ 0.178 χ^2 /NDF: 4545382.4/78

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 470.896+/-373.864 χ^2/NDF : 35.4/22

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: 176.795+/-269.551 χ^2/NDF : 67.5/43

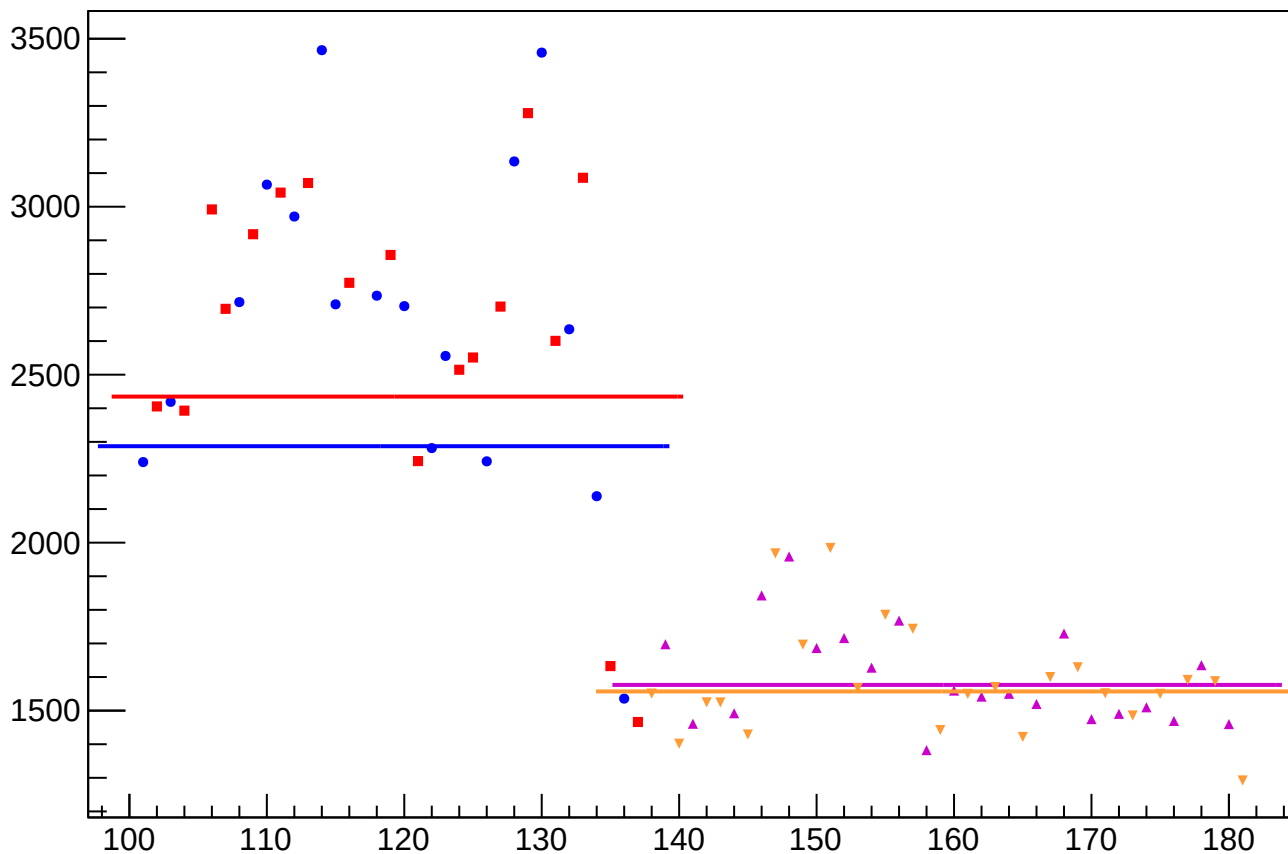
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 152.666+/-357.823 χ^2/NDF : 52.0/37

Out: 394.803+/-347.388 χ^2/NDF : 50.1/40

All: 277.317+/-249.248 χ^2/NDF : 102.3/78

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1557.111+/-0.264 χ^2/NDF : 327852.5/22

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1576.581+/-0.275 χ^2/NDF : 242844.9/20

Left: 1566.460+/-0.191 χ^2/NDF : 573301.9/43

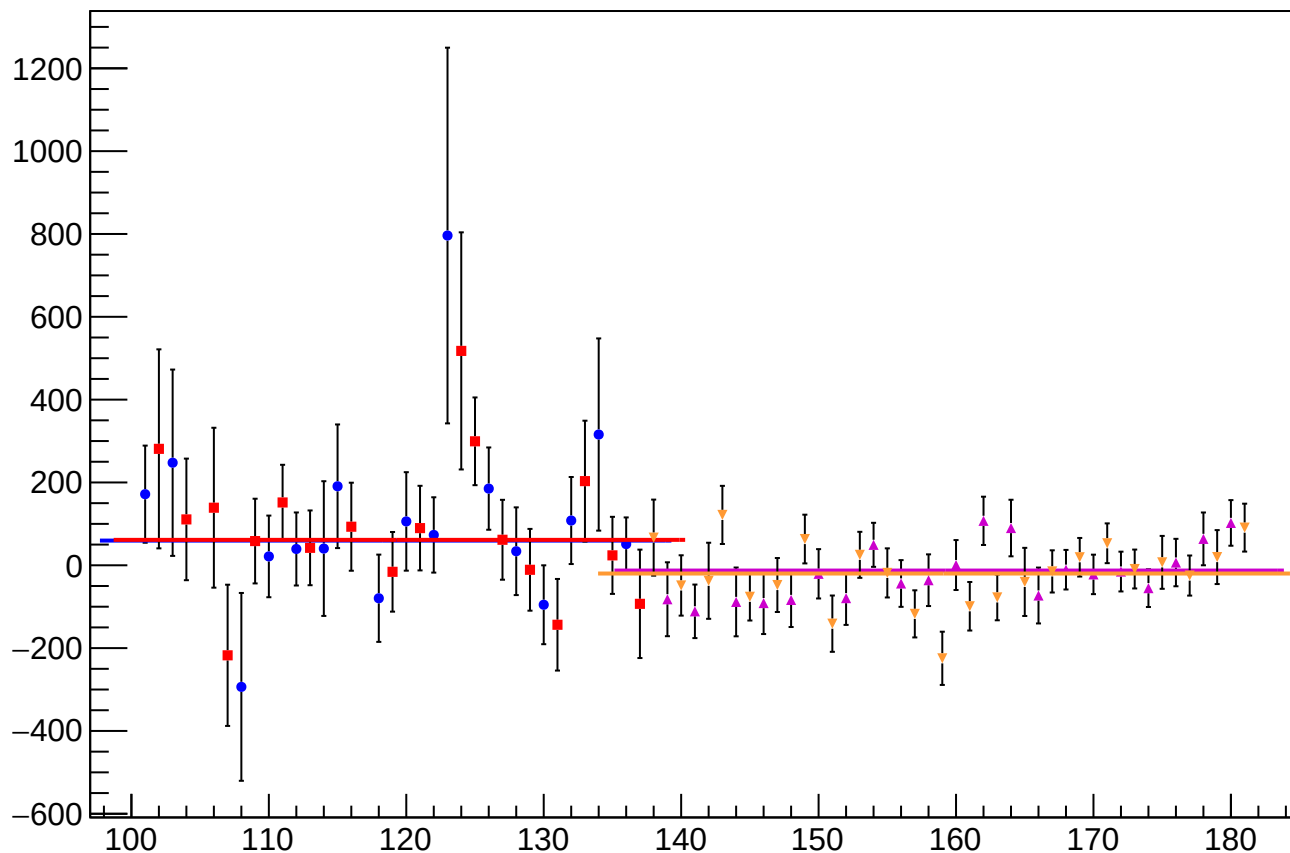
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1685.879+/-0.253 χ^2/NDF : 2068699.9/37

Out: 1677.018+/-0.246 χ^2/NDF : 2500637.3/40

All: 1681.317+/-0.176 χ^2/NDF : 4569968.6/78

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -19.904 ± 12.367 χ^2/NDF : 35.5/22

Right Out: 61.399 ± 27.011 χ^2/NDF : 19.7/17

Left In: -12.734 ± 12.861 χ^2/NDF : 23.1/20

Left: -16.460 ± 8.914 χ^2/NDF : 58.7/43

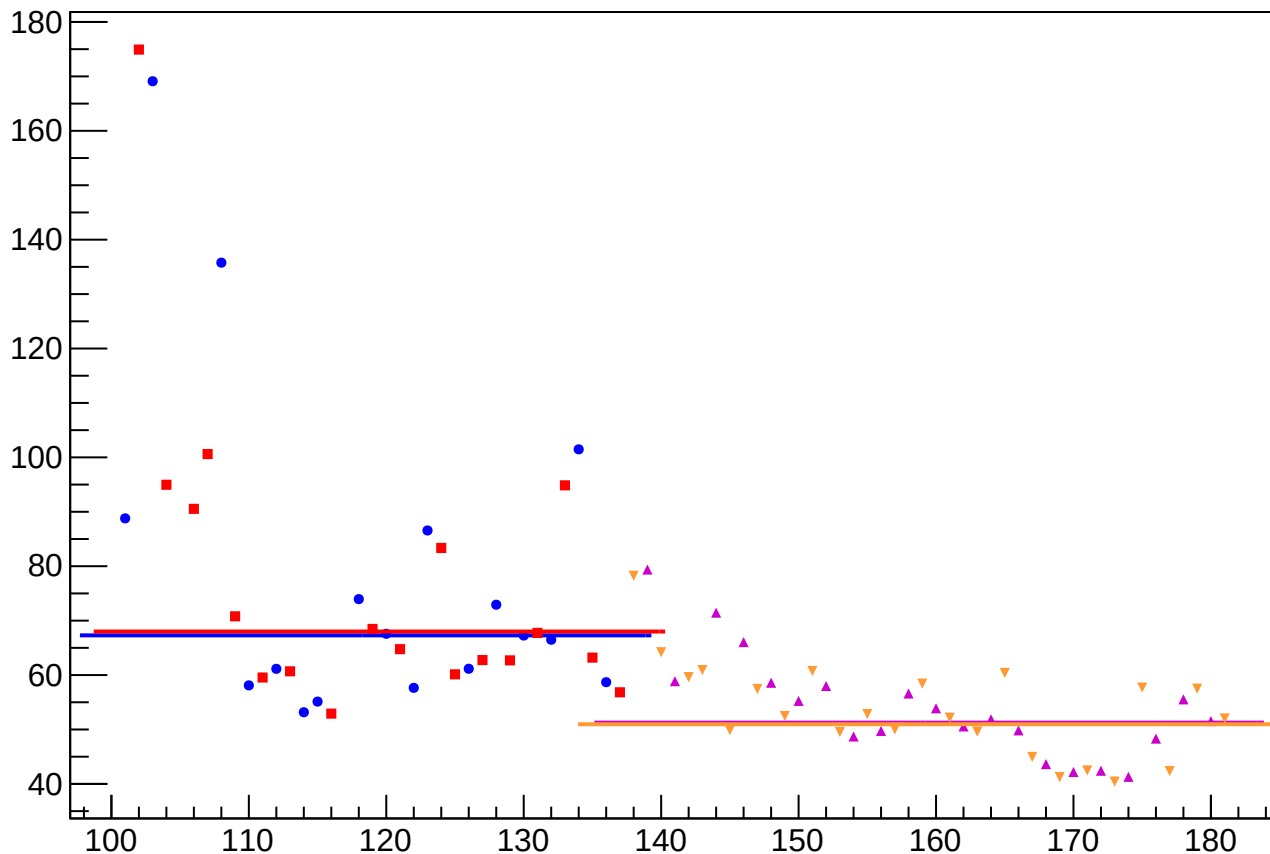
Right: 60.530 ± 19.124 χ^2/NDF : 35.0/34

In: 0.590 ± 11.618 χ^2/NDF : 44.3/37

Out: -5.815 ± 11.244 χ^2/NDF : 62.7/40

All: -2.717 ± 8.080 χ^2/NDF : 107.1/78

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: 50.964 $\pm$ 0.009 χ^2 /NDF: 807439.7/22

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: 51.107 $\pm$ 0.006 χ^2 /NDF: 1613494.0/43

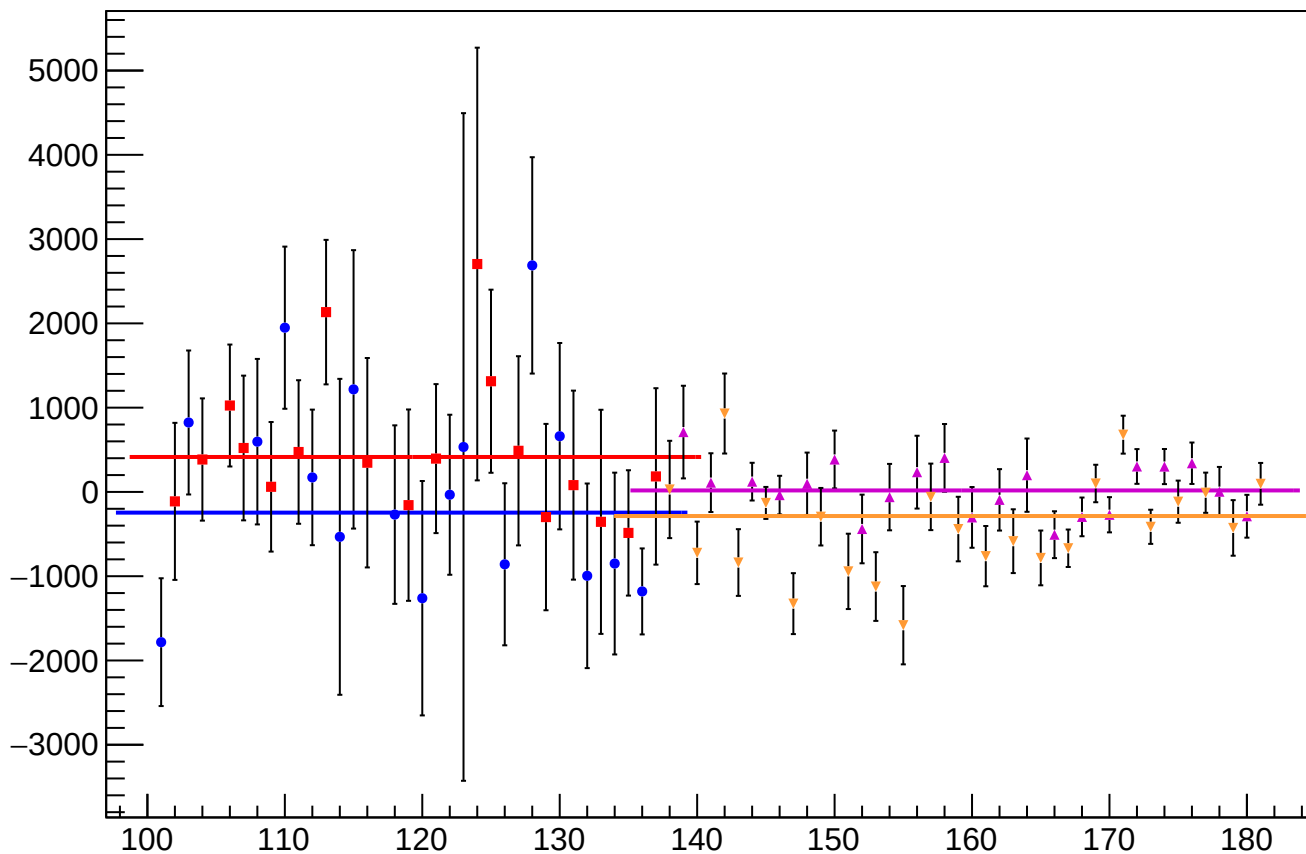
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.214 $\pm$ 0.008 χ^2 /NDF: 2218990.6/37

Out: 53.916 $\pm$ 0.008 χ^2 /NDF: 2219381.2/40

All: 54.060 $\pm$ 0.006 χ^2 /NDF: 4439051.7/78

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -285.908 ± 61.794 χ^2/NDF : 67.6/22

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: -135.845 ± 43.948 χ^2/NDF : 100.5/43

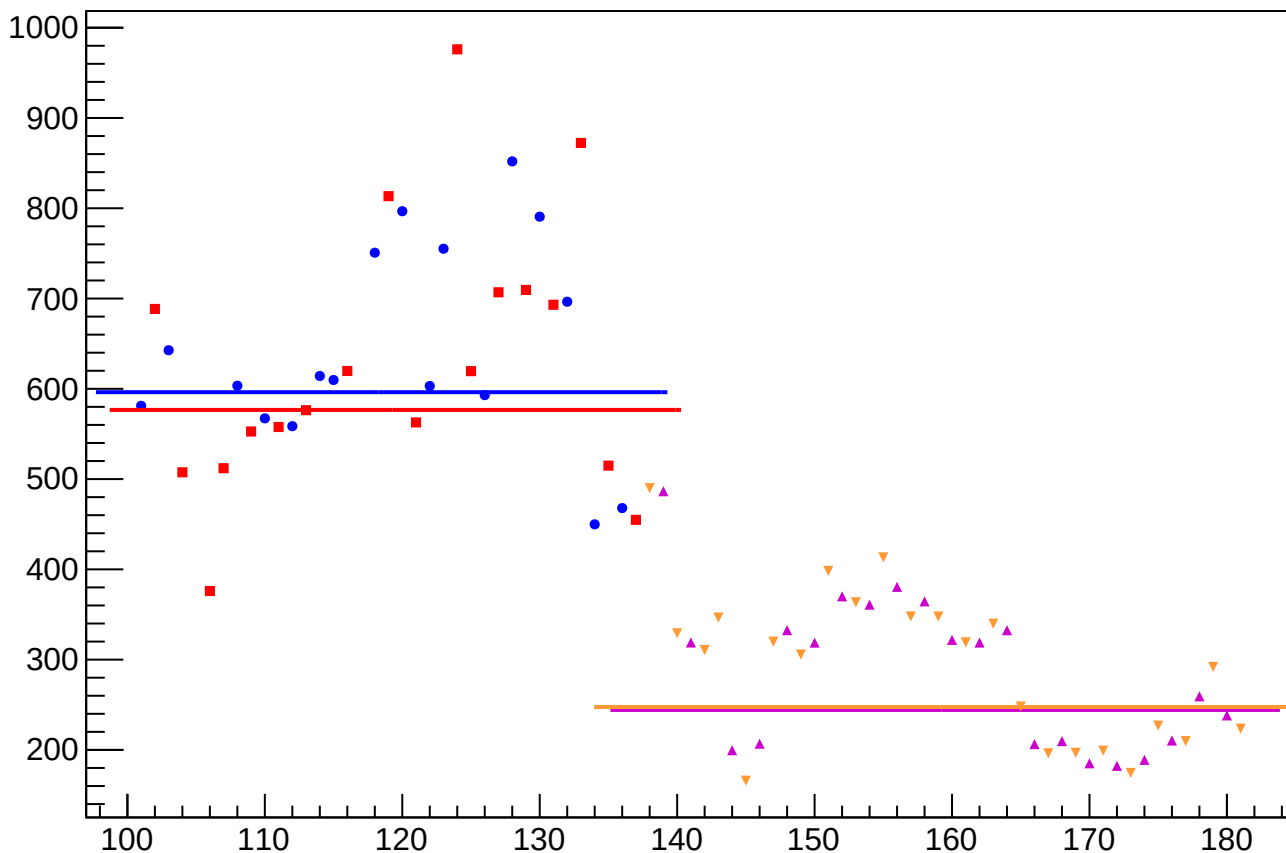
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: 0.401 ± 60.423 χ^2/NDF : 45.9/37

Out: -235.857 ± 59.546 χ^2/NDF : 86.2/40

All: -119.456 ± 42.412 χ^2/NDF : 139.8/78

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 247.546 $\pm$ 0.044 χ^2 /NDF: 2909891.2/22

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 244.269 $\pm$ 0.044 χ^2 /NDF: 2433739.9/20

Left: 245.927 $\pm$ 0.031 χ^2 /NDF: 5346409.4/43

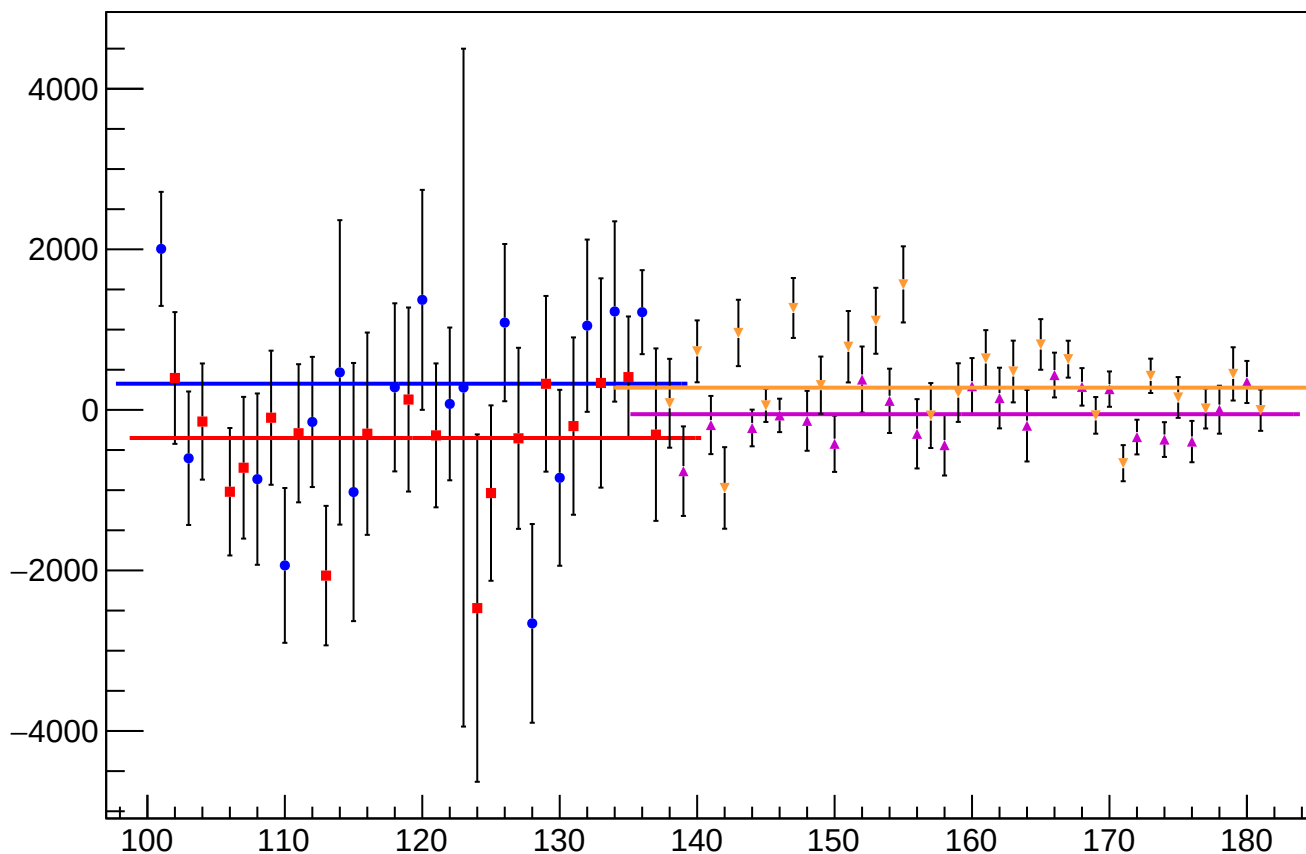
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 267.459 $\pm$ 0.043 χ^2 /NDF: 7032562.6/37

Out: 271.053 $\pm$ 0.042 χ^2 /NDF: 7535186.9/40

All: 269.282 $\pm$ 0.030 χ^2 /NDF: 14571339.7/78

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 276.747 ± 63.511 $\chi^2/\text{NDF}: 61.7/22$

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: 111.333 ± 44.886 $\chi^2/\text{NDF}: 97.9/43$

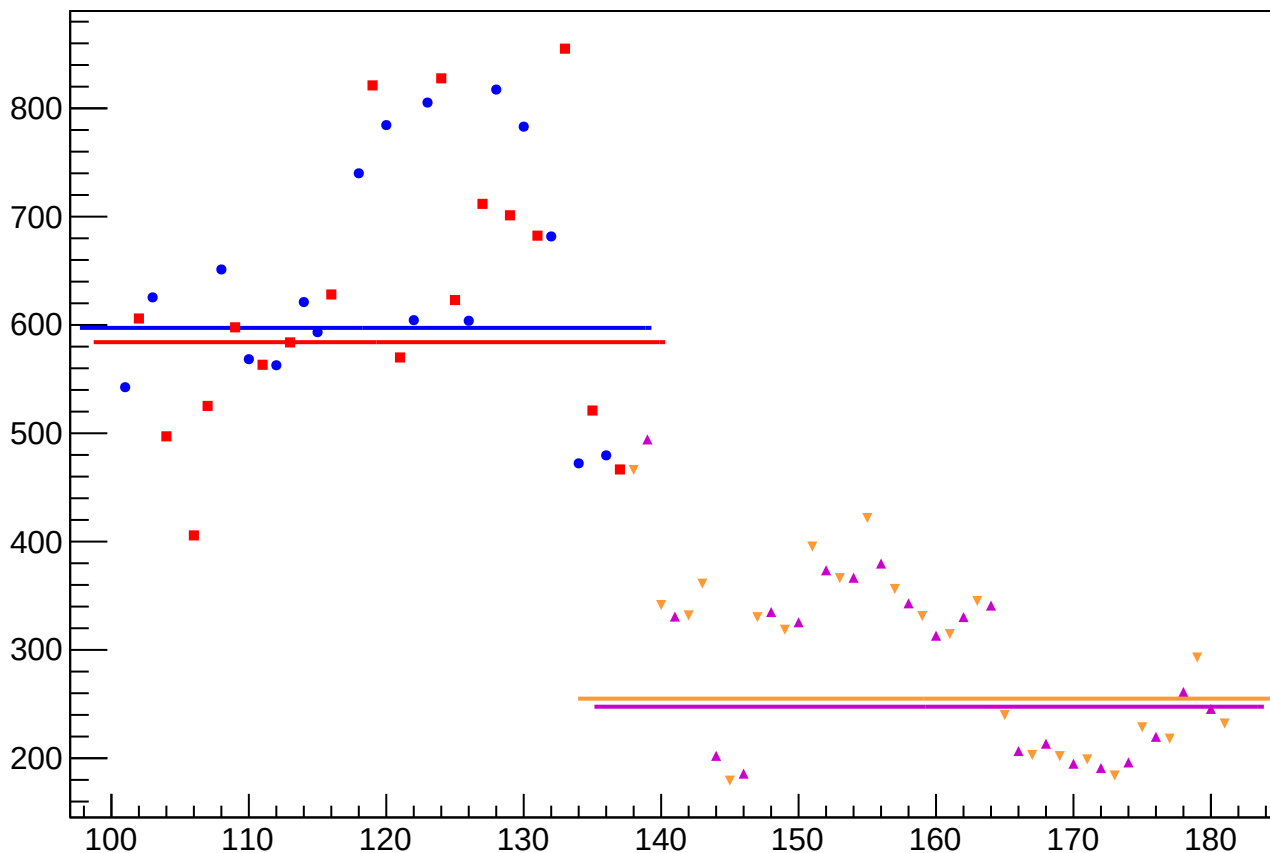
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -28.068 ± 61.265 $\chi^2/\text{NDF}: 52.0/37$

Out: 230.563 ± 61.127 $\chi^2/\text{NDF}: 77.9/40$

All: 101.538 ± 43.272 $\chi^2/\text{NDF}: 138.8/78$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.013 $\pm$ 0.045 χ^2 /NDF: 2625838.8/22

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: 251.282 $\pm$ 0.032 χ^2 /NDF: 5010082.5/43

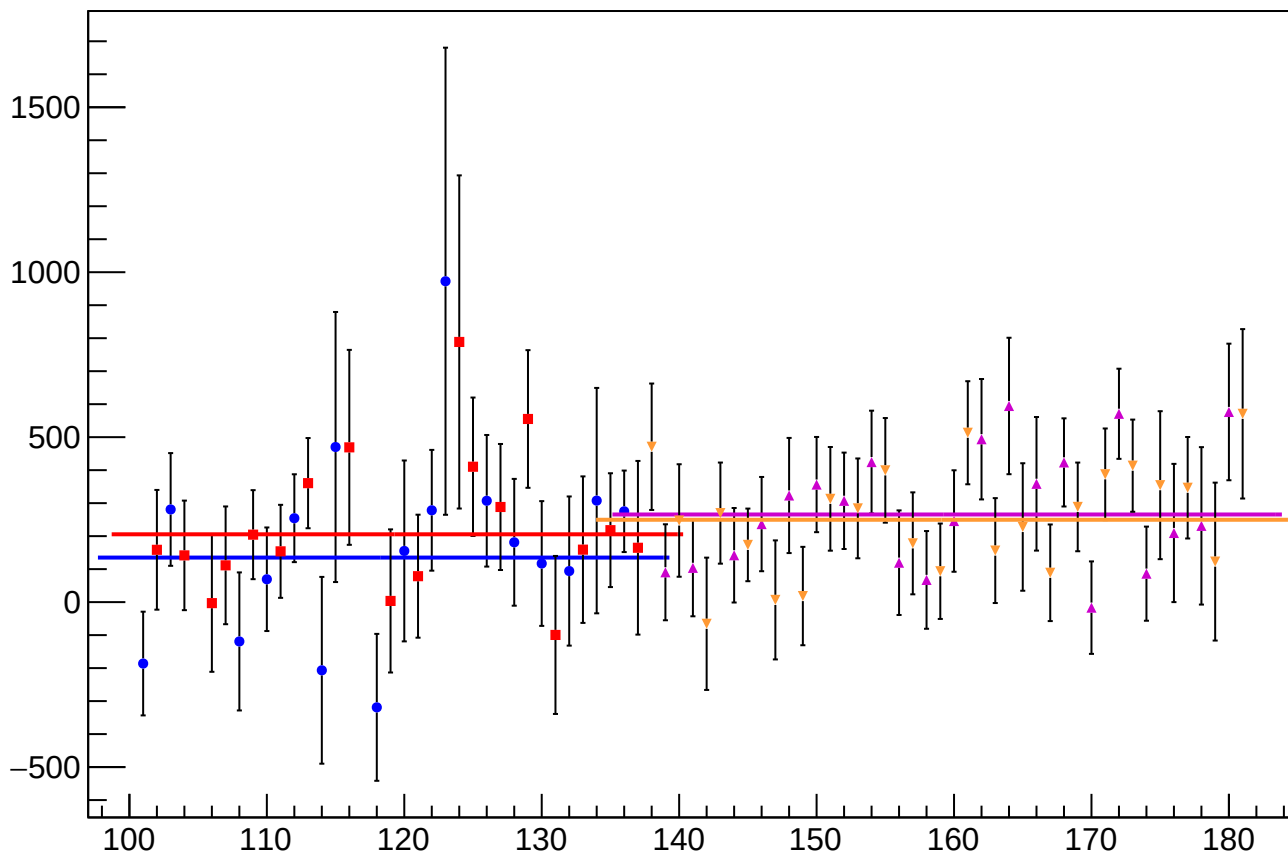
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 271.208 $\pm$ 0.043 χ^2 /NDF: 6843370.2/37

Out: 279.249 $\pm$ 0.043 χ^2 /NDF: 7027435.7/40

All: 275.238 $\pm$ 0.031 χ^2 /NDF: 13888069.6/78

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 χ^2/NDF : 18.1/16

Left Out: 249.620 ± 33.182 χ^2/NDF : 20.3/22

Right Out: 205.590 ± 44.536 χ^2/NDF : 12.0/17

Left In: 265.640 ± 34.522 χ^2/NDF : 26.4/20

Left: 257.313 ± 23.923 χ^2/NDF : 46.9/43

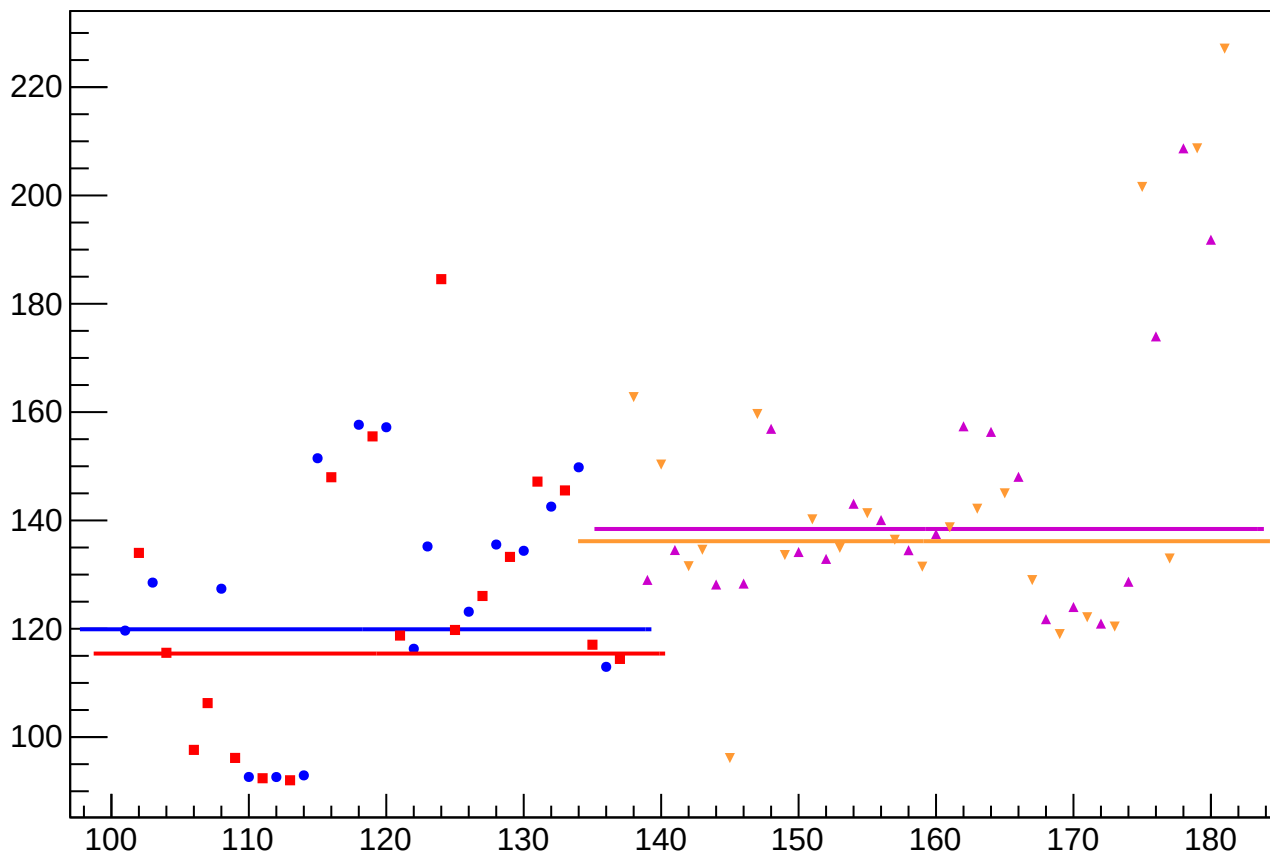
Right: 172.226 ± 32.336 χ^2/NDF : 31.3/34

In: 219.899 ± 27.828 χ^2/NDF : 49.5/37

Out: 233.903 ± 26.608 χ^2/NDF : 33.0/40

All: 227.214 ± 19.232 χ^2/NDF : 82.6/78

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: 136.166 $\pm$ 0.023 χ^2 /NDF:1054797.6/22

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: 137.250 $\pm$ 0.017 χ^2 /NDF: 1619343.9/43

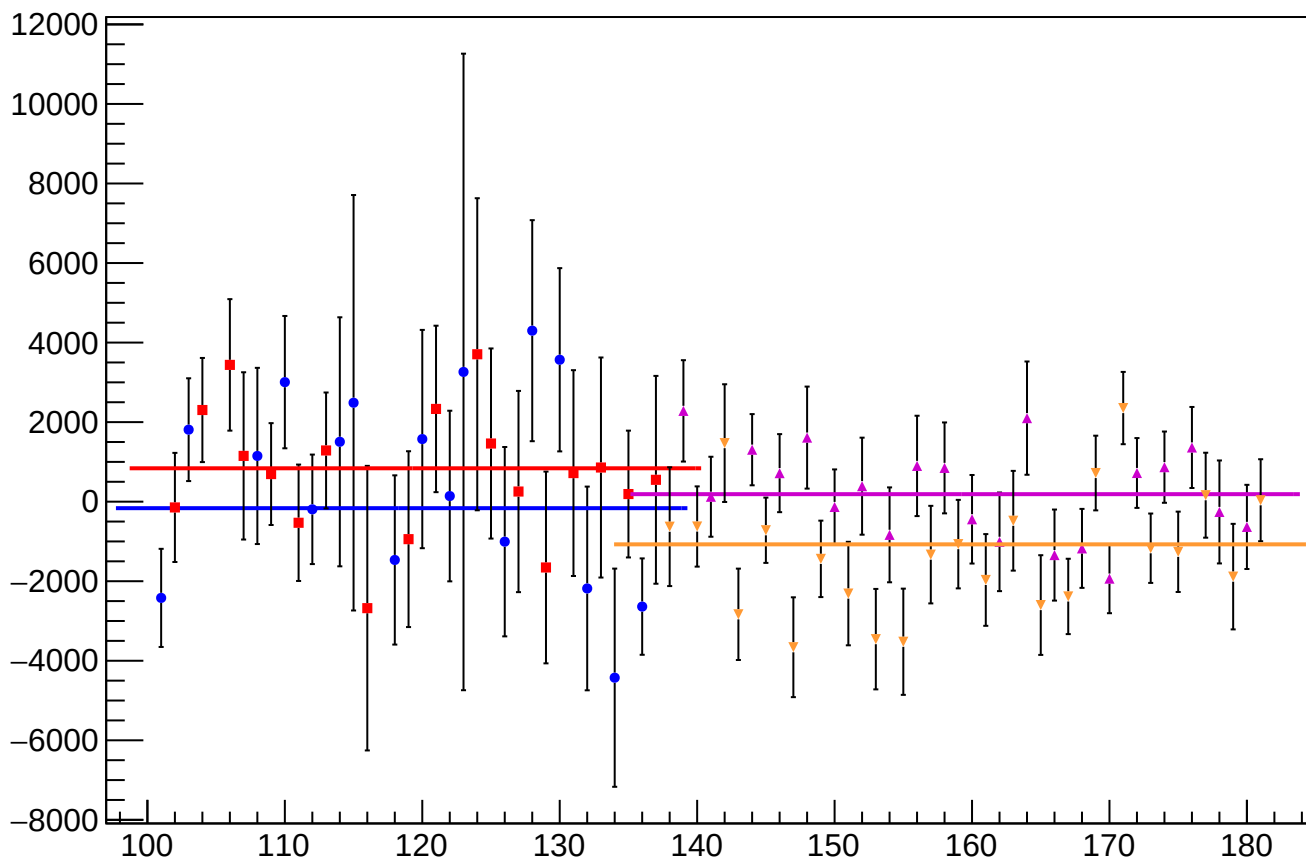
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 131.938 $\pm$ 0.020 χ^2 /NDF:1107196.4/37

Out: 128.761 $\pm$ 0.019 χ^2 /NDF:1751921.0/40

All: 130.278 $\pm$ 0.014 χ^2 /NDF: 2872730.9/78

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: -1073.008 $\pm$ 227.840 χ^2 /NDF:43.0/22

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: -455.967 $\pm$ 162.861 χ^2 /NDF: 81.0/43

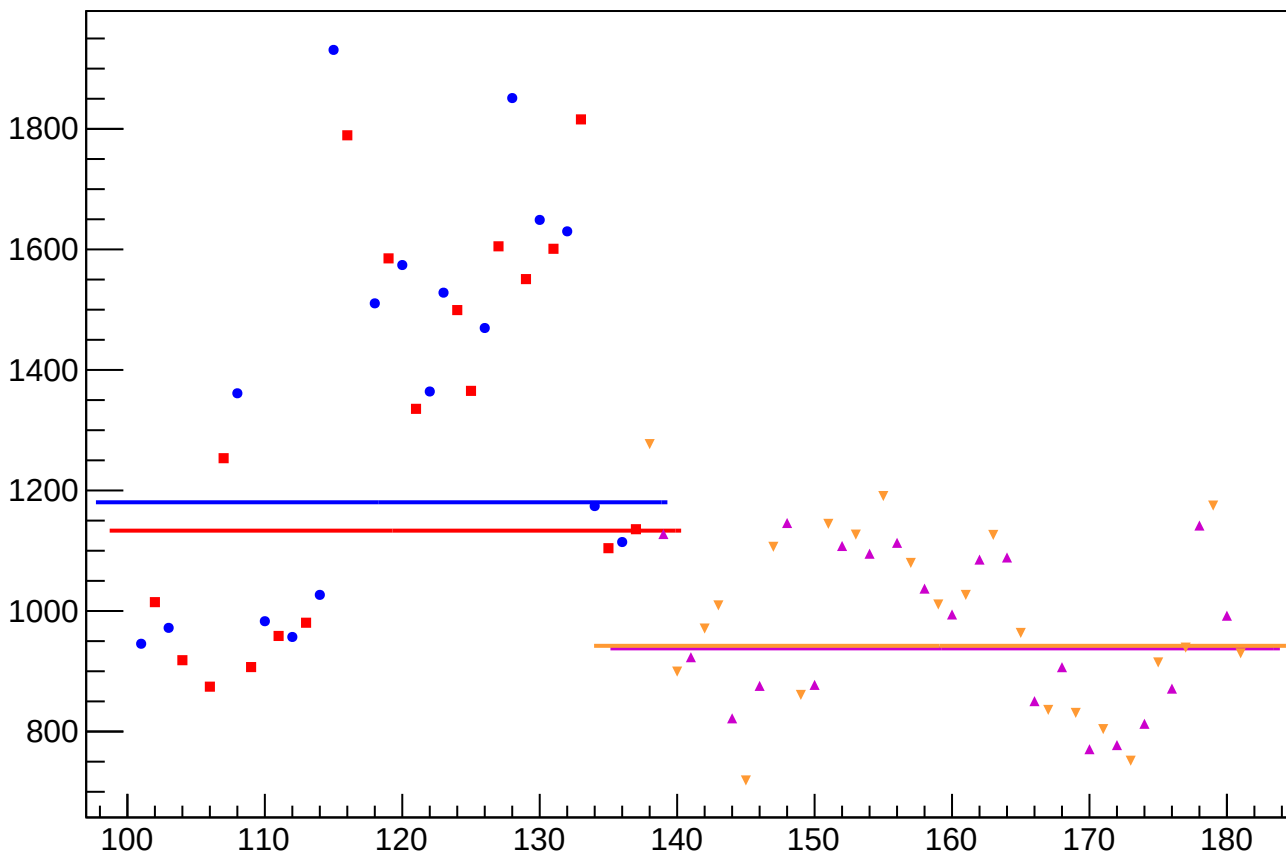
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 119.161 $\pm$ 208.635 χ^2 /NDF:47.2/37

Out: -669.380 $\pm$ 202.370 χ^2 /NDF:67.2/40

All: -287.127 $\pm$ 145.262 χ^2 /NDF: 121.7/78

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: 942.223 $\pm$ 0.161 χ^2 /NDF: 814469.1/22

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: 940.137 $\pm$ 0.115 χ^2 /NDF: 1401970.5/43

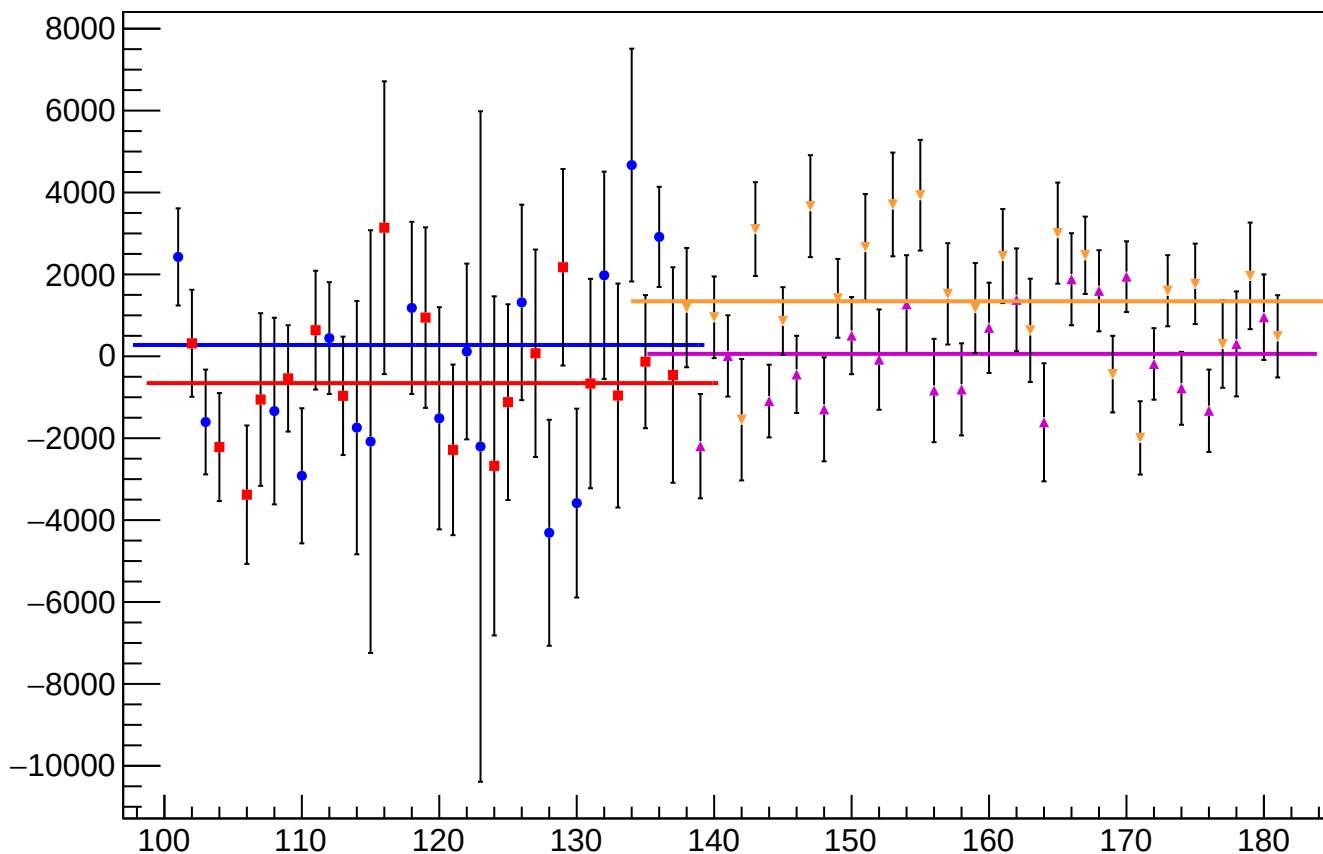
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 985.815 $\pm$ 0.148 χ^2 /NDF: 1683880.3/37

Out: 982.566 $\pm$ 0.143 χ^2 /NDF: 1871927.6/40

All: 984.141 $\pm$ 0.103 χ^2 /NDF: 3556057.9/78

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1344.498 $\pm$ 226.372 χ^2 /NDF:42.6/22

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: 59.483 $\pm$ 231.071 χ^2 /NDF:24.8/20

Left: 715.187 $\pm$ 161.705 χ^2 /NDF: 83.2/43

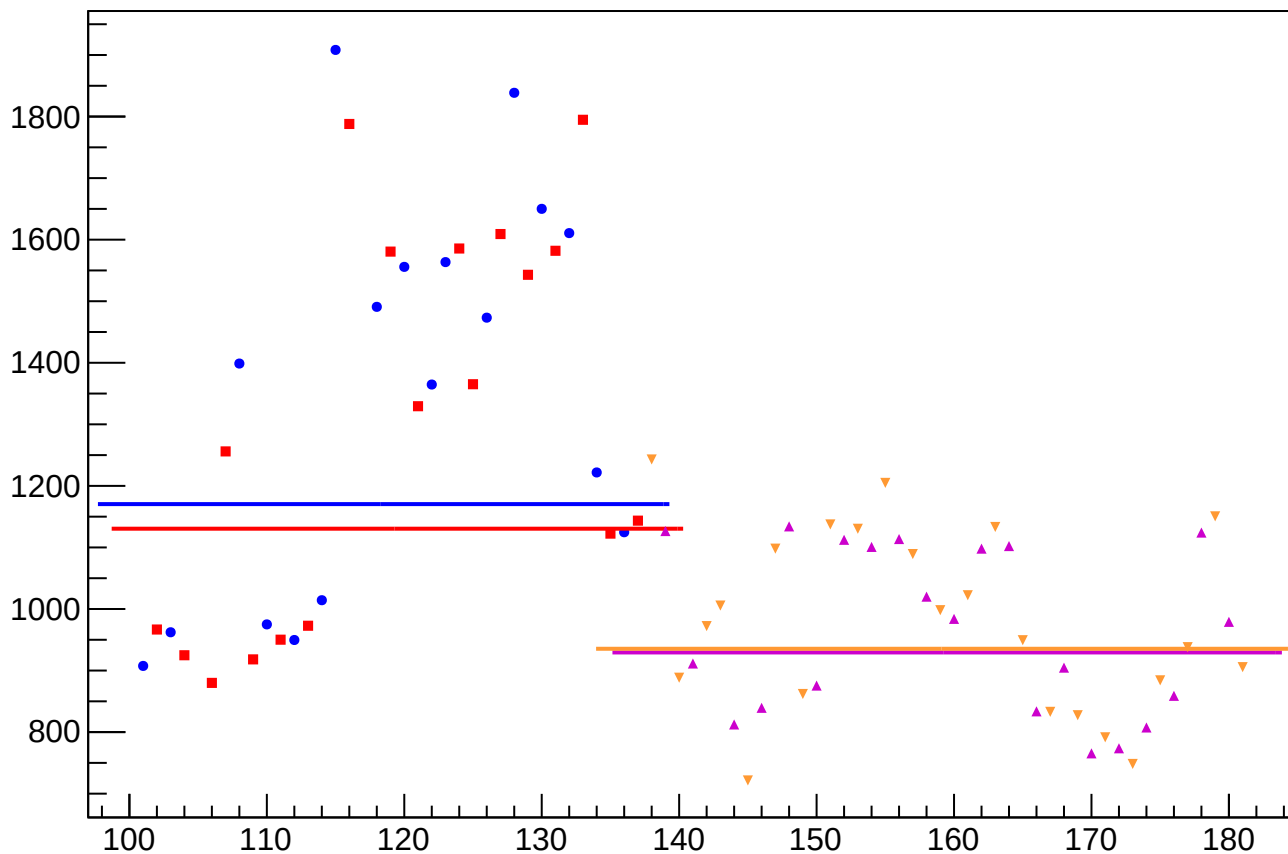
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: 102.234 $\pm$ 207.055 χ^2 /NDF:49.3/37

Out: 925.874 $\pm$ 201.277 χ^2 /NDF:68.5/40

All: 525.706 $\pm$ 144.324 χ^2 /NDF: 125.9/78

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 935.392 $\pm$ 0.160 χ^2/NDF :813236.1/22

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: 932.457 $\pm$ 0.114 χ^2/NDF : 1434226.9/43

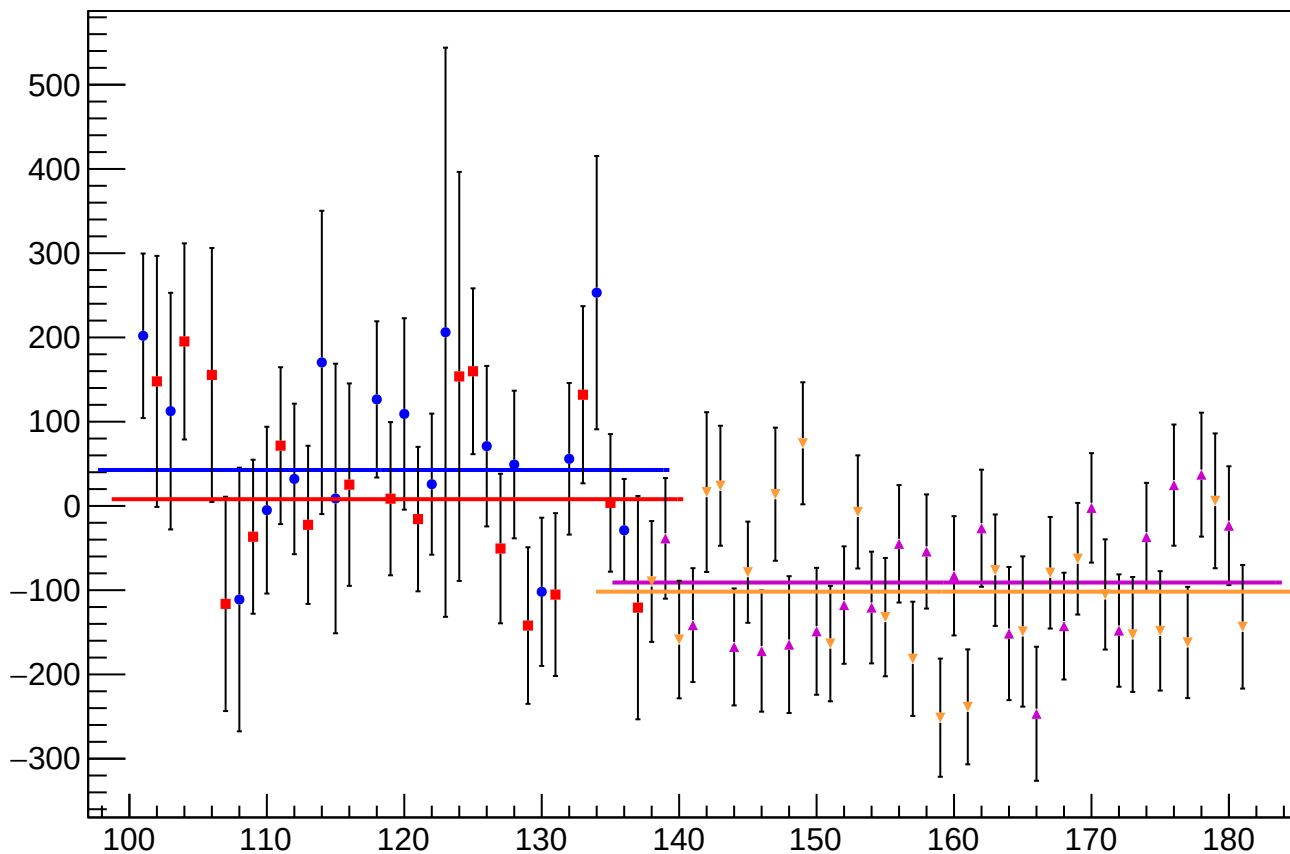
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 976.893 $\pm$ 0.146 χ^2/NDF :1754537.7/37

Out: 976.243 $\pm$ 0.142 χ^2/NDF :1887272.0/40

All: 976.559 $\pm$ 0.102 χ^2/NDF : 3641819.8/78

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: -101.767 ± 14.683 $\chi^2/\text{NDF}: 31.3/22$

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: -96.576 ± 10.603 $\chi^2/\text{NDF}: 53.5/43$

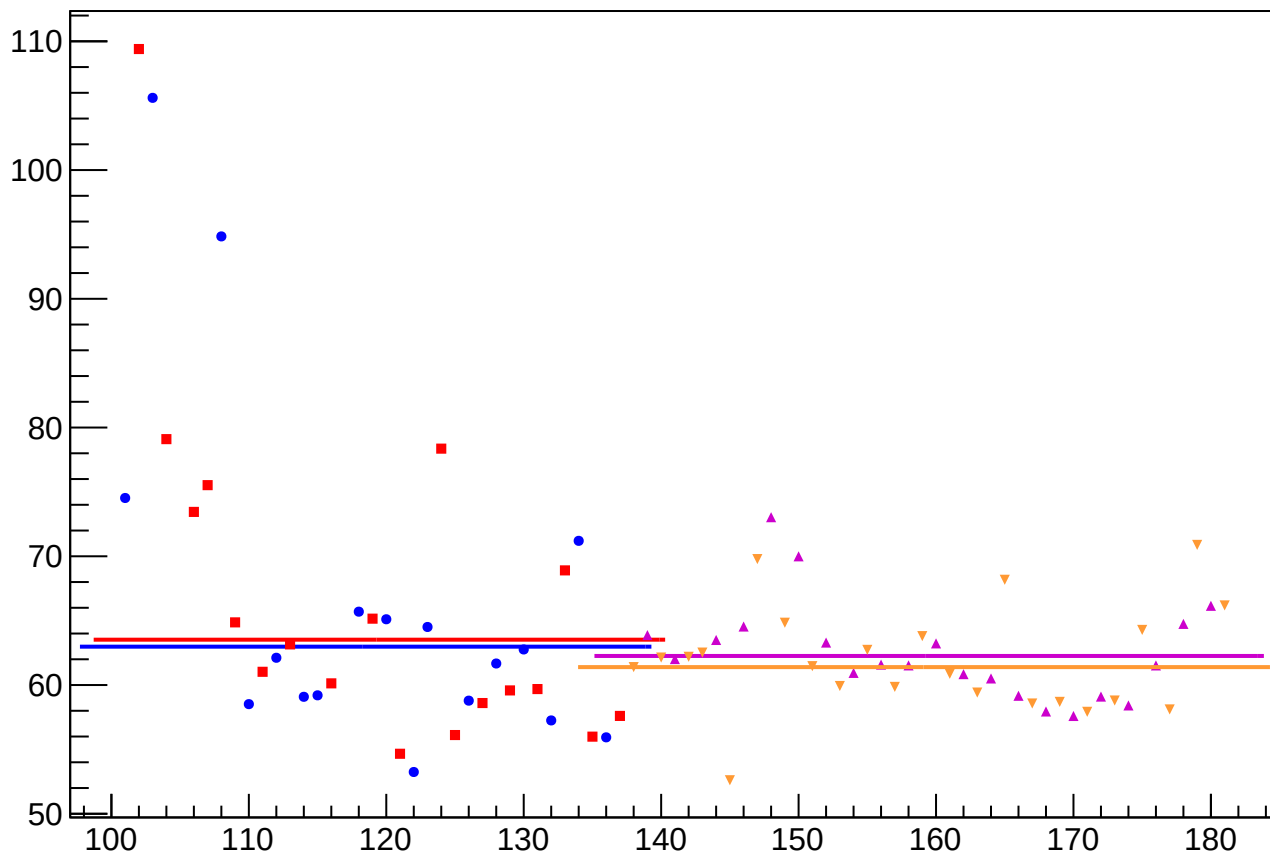
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -53.775 ± 13.025 $\chi^2/\text{NDF}: 55.0/37$

Out: -72.749 ± 12.593 $\chi^2/\text{NDF}: 61.9/40$

All: -63.581 ± 9.053 $\chi^2/\text{NDF}: 118.0/78$

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: 61.392 ± 0.010 $\chi^2/\text{NDF}: 149777.3/22$

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: 61.806 ± 0.007 $\chi^2/\text{NDF}: 259794.2/43$

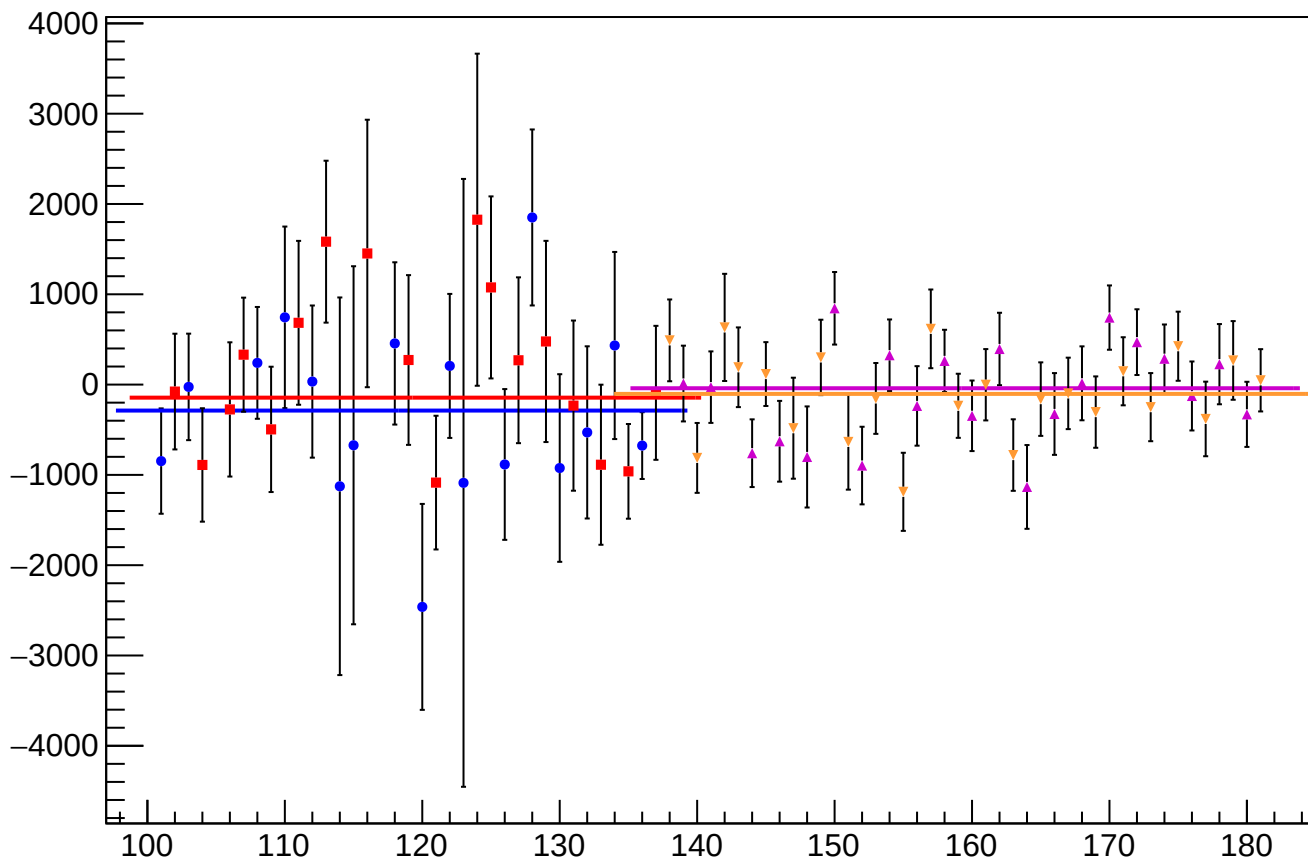
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.459 ± 0.009 $\chi^2/\text{NDF}: 483182.3/37$

Out: 61.955 ± 0.009 $\chi^2/\text{NDF}: 496340.3/40$

All: 62.198 ± 0.006 $\chi^2/\text{NDF}: 981069.5/78$

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: -103.104 ± 85.393 $\chi^2/\text{NDF}: 26.2/22$

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: -72.719 ± 61.276 $\chi^2/\text{NDF}: 60.7/43$

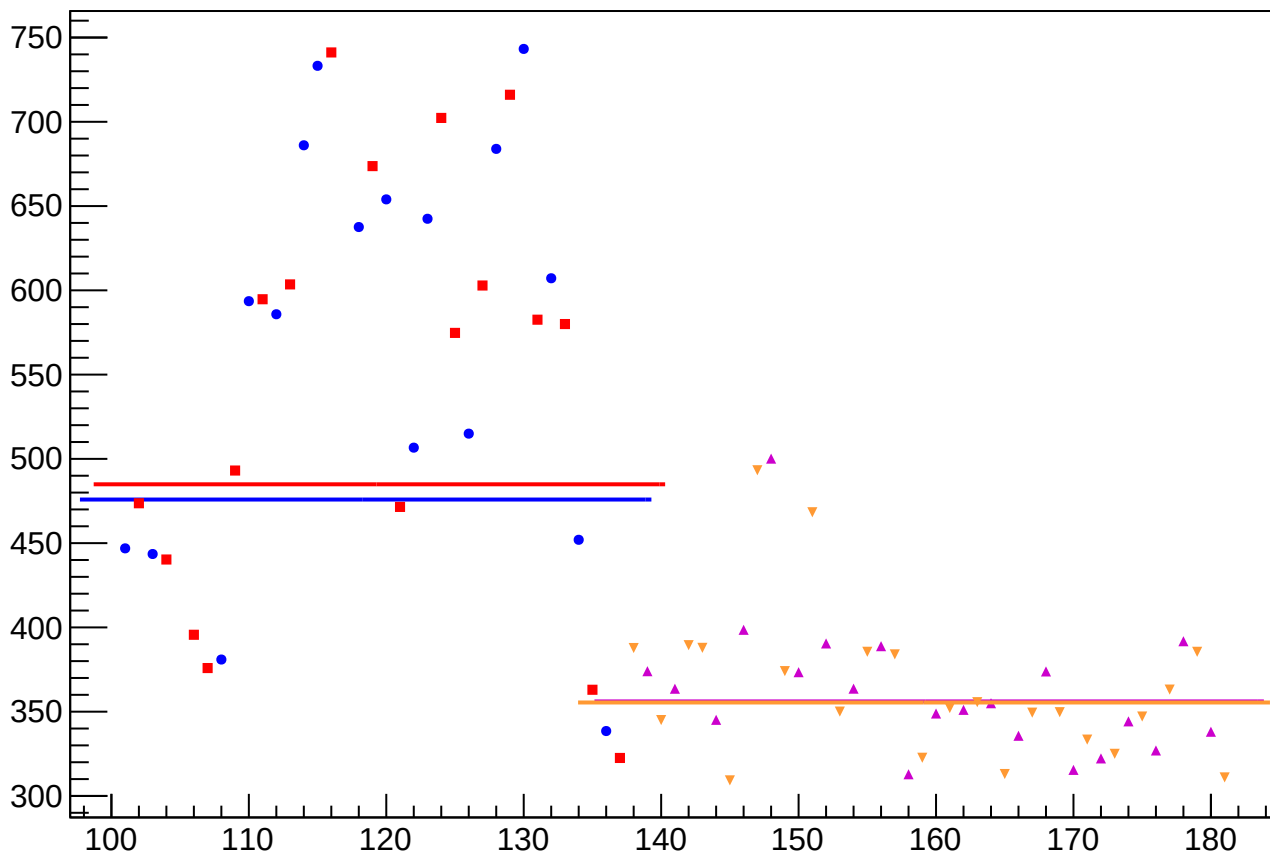
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -84.155 ± 79.828 $\chi^2/\text{NDF}: 51.0/37$

Out: -110.219 ± 77.732 $\chi^2/\text{NDF}: 42.3/40$

All: -97.534 ± 55.691 $\chi^2/\text{NDF}: 93.3/78$

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: 355.454+/-0.060 χ^2/NDF : 402503.1/22

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: 355.765+/-0.043 χ^2/NDF : 702575.2/43

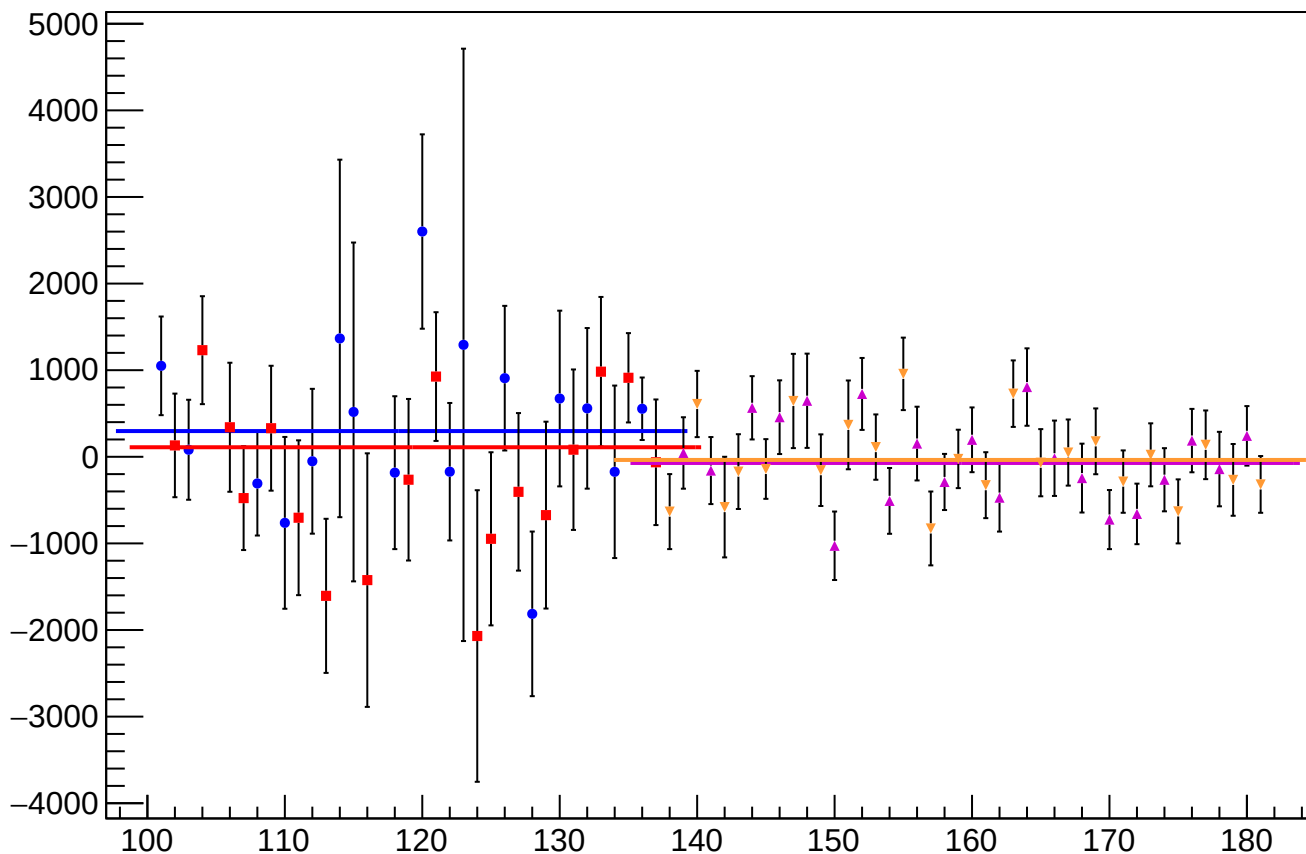
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 377.264+/-0.056 χ^2/NDF : 1792927.7/37

Out: 377.638+/-0.055 χ^2/NDF : 1906557.3/40

All: 377.456+/-0.039 χ^2/NDF : 3699507.6/78

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: -36.419 $\pm$ 82.427 χ^2 /NDF:26.6/22

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: -53.342 $\pm$ 59.109 χ^2 /NDF: 58.5/43

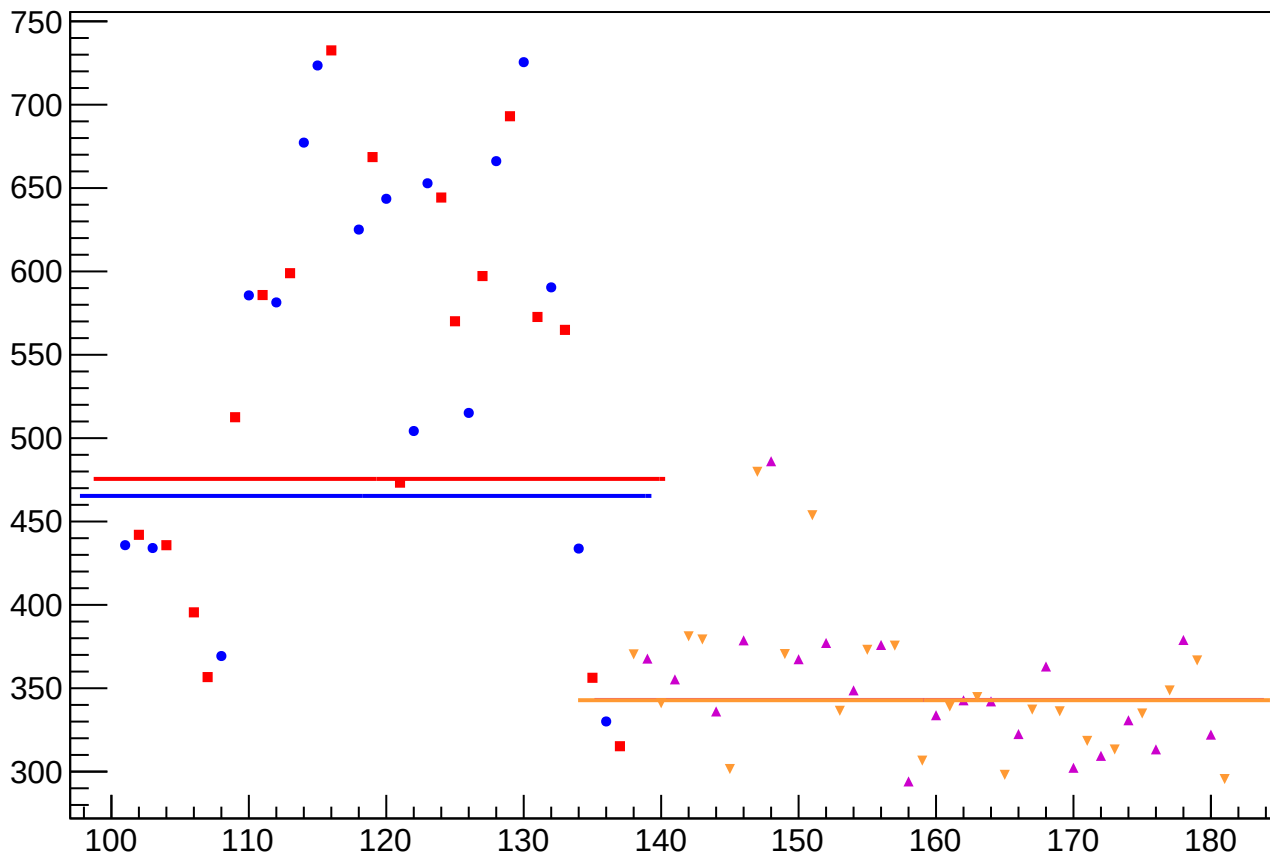
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: -7.861 $\pm$ 77.165 χ^2 /NDF:50.9/37

Out: -12.011 $\pm$ 75.251 χ^2 /NDF:45.7/40

All: -9.988 $\pm$ 53.875 χ^2 /NDF: 96.6/78

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 342.830 $\pm$ 0.058 χ^2/NDF : 434902.9/22

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 342.973 $\pm$ 0.060 χ^2/NDF : 335889.1/20

Left: 342.900 $\pm$ 0.042 χ^2/NDF : 770794.9/43

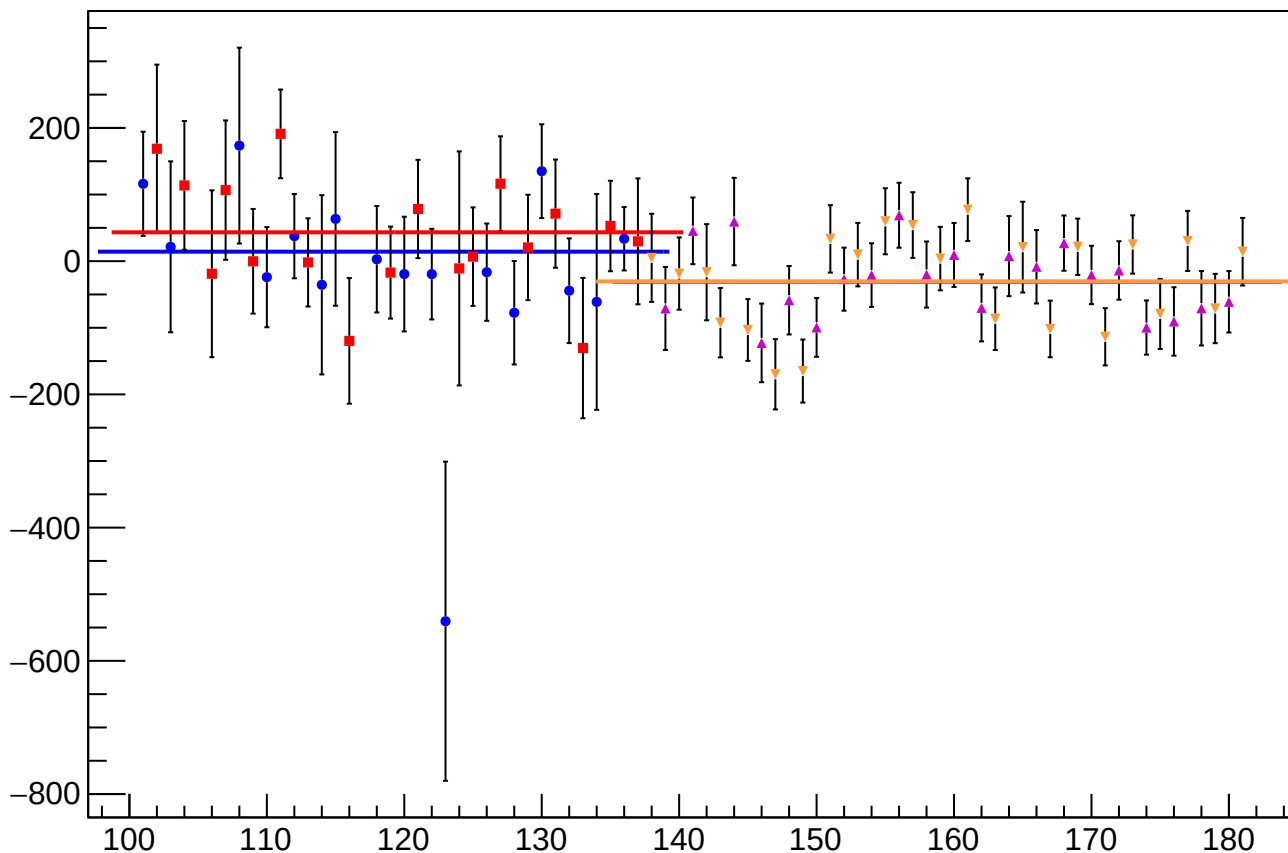
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 364.042 $\pm$ 0.055 χ^2/NDF : 1913287.3/37

Out: 364.934 $\pm$ 0.053 χ^2/NDF : 2039374.7/40

All: 364.500 $\pm$ 0.038 χ^2/NDF : 3952799.0/78

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -30.450 ± 10.315 $\chi^2/\text{NDF}: 49.4/22$

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: -30.751 ± 7.452 $\chi^2/\text{NDF}: 72.6/43$

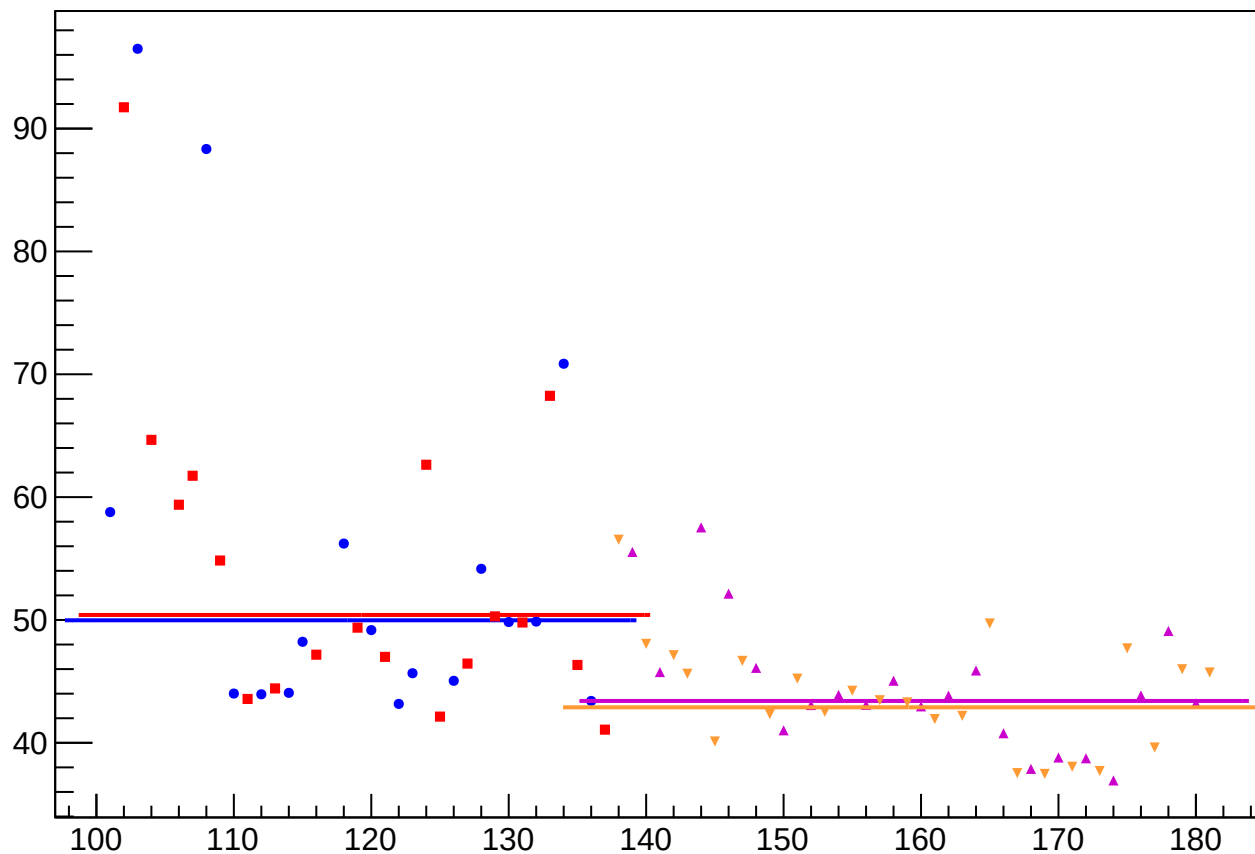
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -20.773 ± 9.473 $\chi^2/\text{NDF}: 42.0/37$

Out: -14.510 ± 9.133 $\chi^2/\text{NDF}: 76.6/40$

All: -17.527 ± 6.575 $\chi^2/\text{NDF}: 118.9/78$

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: 42.889 ± 0.007 $\chi^2/\text{NDF}: 319474.4/22$

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: 43.137 ± 0.005 $\chi^2/\text{NDF}: 712467.2/43$

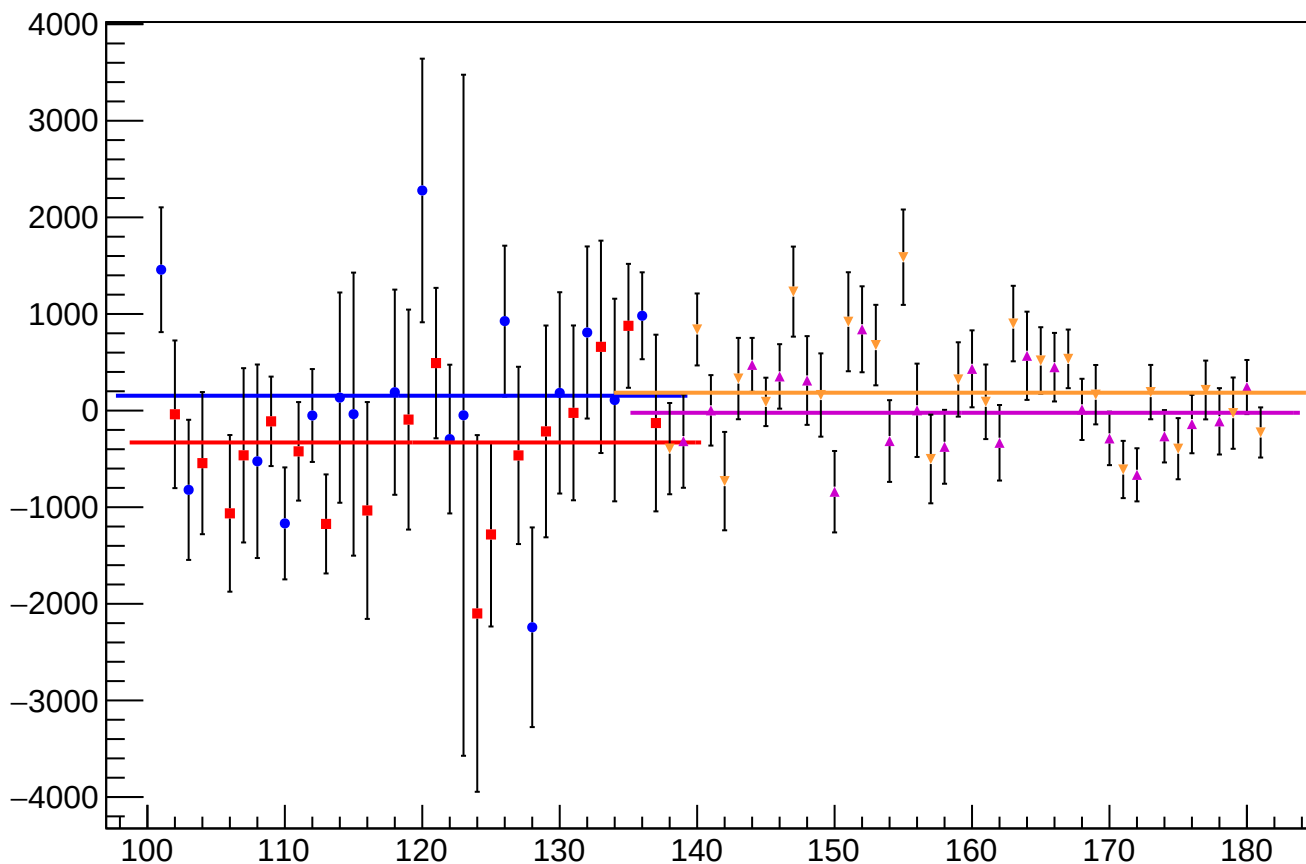
Right: 50.193 ± 0.010 $\chi^2/\text{NDF}: 1046716.4/34$

In: 44.900 ± 0.007 $\chi^2/\text{NDF}: 1138133.7/37$

Out: 44.514 ± 0.006 $\chi^2/\text{NDF}: 1016501.8/40$

All: 44.700 ± 0.005 $\chi^2/\text{NDF}: 2156358.7/78$

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: 185.057 $\pm$ 74.036 χ^2 /NDF:46.1/22

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: 83.796 $\pm$ 53.012 χ^2 /NDF: 77.8/43

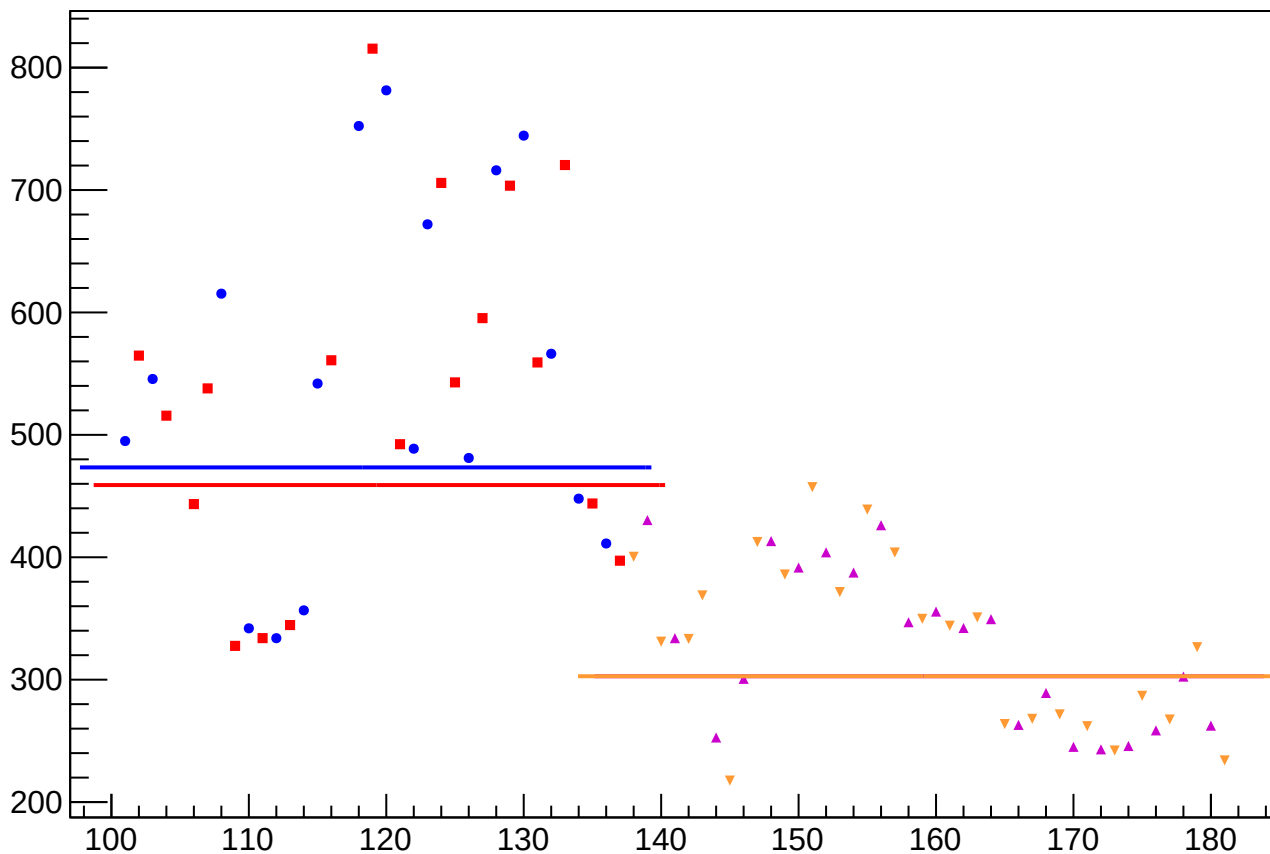
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 1.590 $\pm$ 70.515 χ^2 /NDF:53.4/37

Out: 110.390 $\pm$ 68.459 χ^2 /NDF:65.2/40

All: 57.599 $\pm$ 49.119 χ^2 /NDF: 119.8/78

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: 302.808 $\pm$ 0.052 χ^2 /NDF:1522623.5/22

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: 302.807 $\pm$ 0.037 χ^2 /NDF: 2745415.6/43

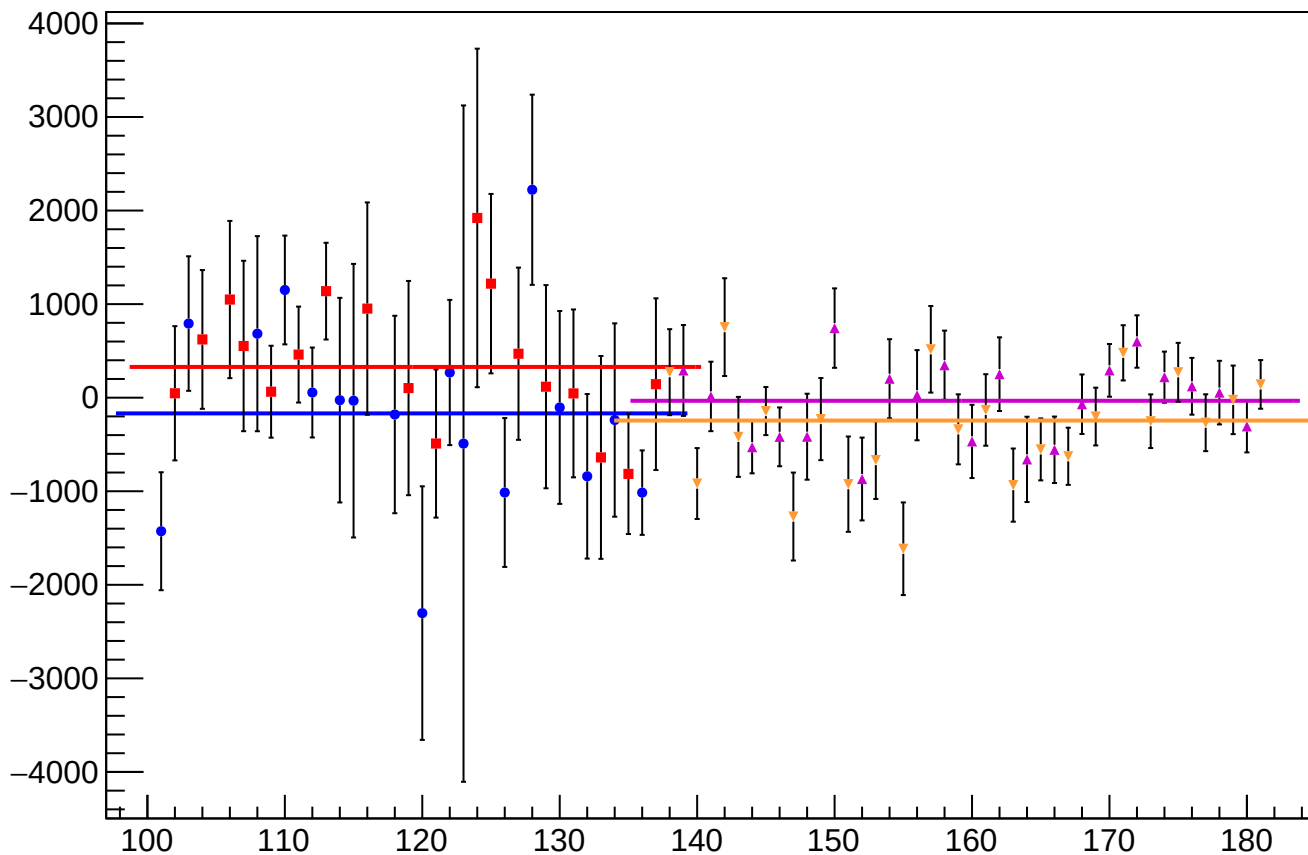
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 326.313 $\pm$ 0.050 χ^2 /NDF:3528522.4/37

Out: 325.451 $\pm$ 0.048 χ^2 /NDF:3819226.0/40

All: 325.869 $\pm$ 0.035 χ^2 /NDF: 7347902.2/78

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -244.322+/-74.176 χ^2/NDF :43.3/22

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -33.188+/-75.850 χ^2/NDF :28.5/20

Left: -141.110+/-53.032 χ^2/NDF : 75.8/43

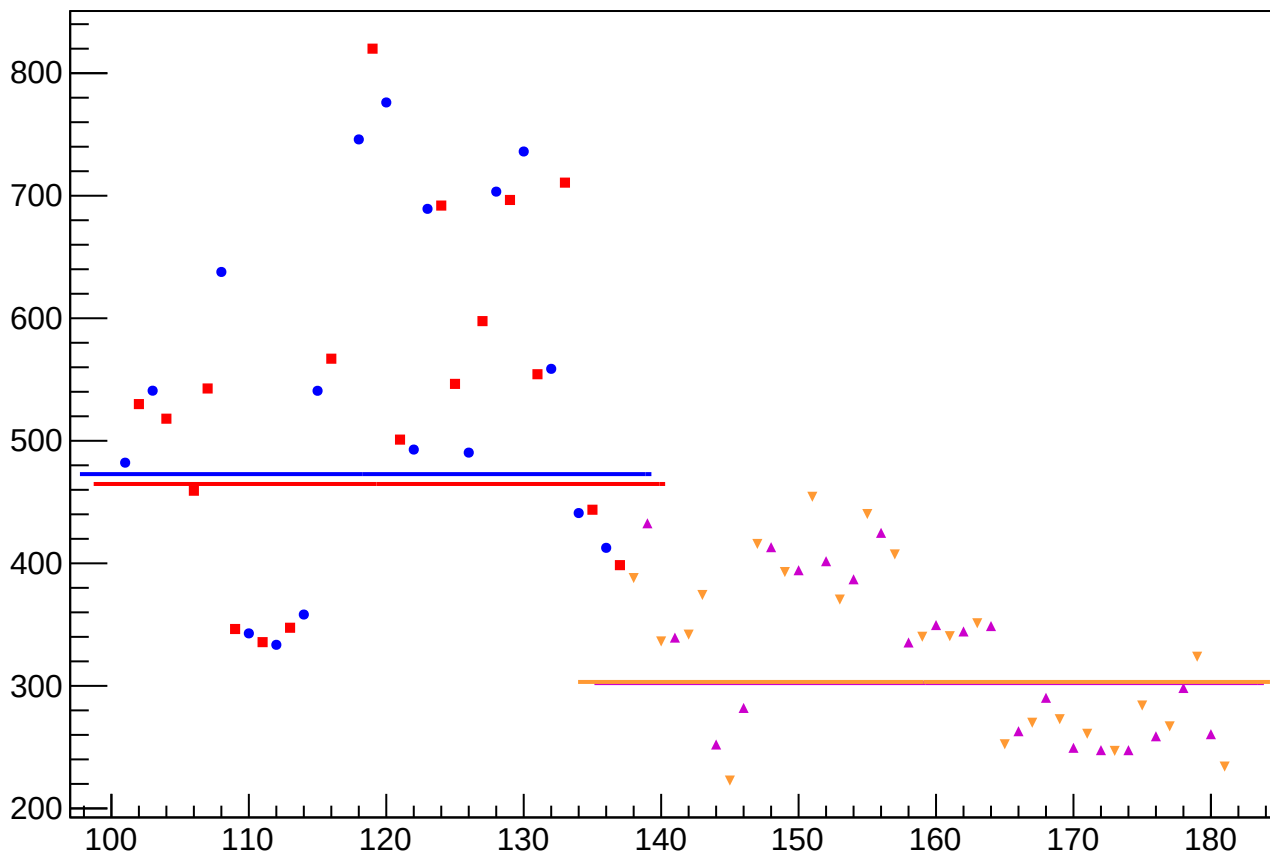
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -51.767+/-70.432 χ^2/NDF :54.4/37

Out: -162.373+/-68.666 χ^2/NDF :63.0/40

All: -108.473+/-49.167 χ^2/NDF : 118.6/78

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 303.210 $\pm$ 0.052 χ^2 /NDF:1486846.3/22

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 302.266 $\pm$ 0.054 χ^2 /NDF:1187854.6/20

Left: 302.749 $\pm$ 0.037 χ^2 /NDF: 2674859.4/43

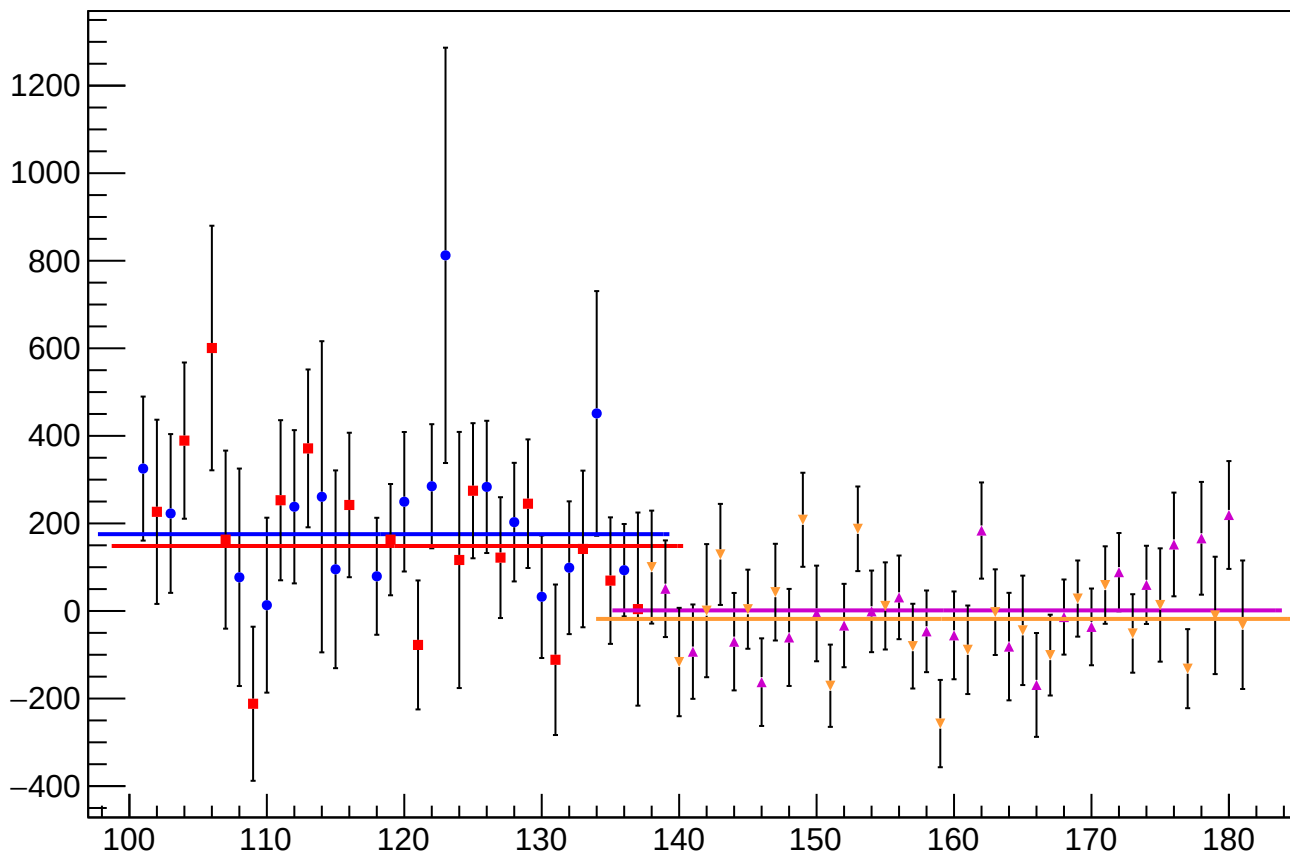
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 325.762 $\pm$ 0.050 χ^2 /NDF:3477313.6/37

Out: 326.318 $\pm$ 0.049 χ^2 /NDF:3758596.2/40

All: 326.047 $\pm$ 0.035 χ^2 /NDF: 7235973.7/78

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -18.125 $\pm$ 21.739 χ^2 /NDF:25.6/22

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: -8.660 $\pm$ 15.592 χ^2 /NDF: 44.4/43

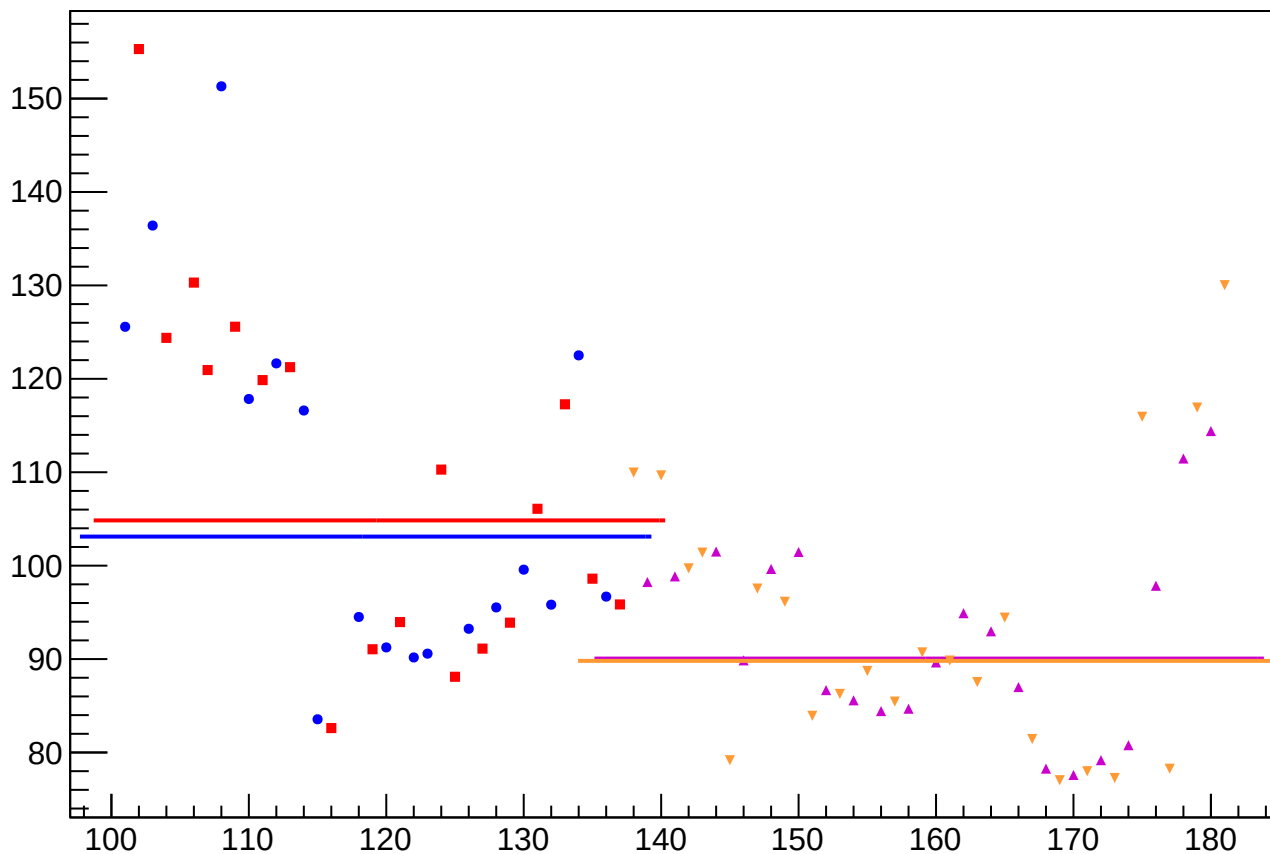
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.298 $\pm$ 19.569 χ^2 /NDF:41.3/37

Out: 19.374 $\pm$ 19.136 χ^2 /NDF:56.3/40

All: 30.580 $\pm$ 13.682 χ^2 /NDF: 98.2/78

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 χ^2/NDF : 306438.5/16

Left Out: 89.809 ± 0.015 χ^2/NDF : 672807.9/22

Right Out: 104.844 ± 0.029 χ^2/NDF : 368677.3/17

Left In: 90.052 ± 0.016 χ^2/NDF : 380833.8/20

Left: 89.927 ± 0.011 χ^2/NDF : 1053763.6/43

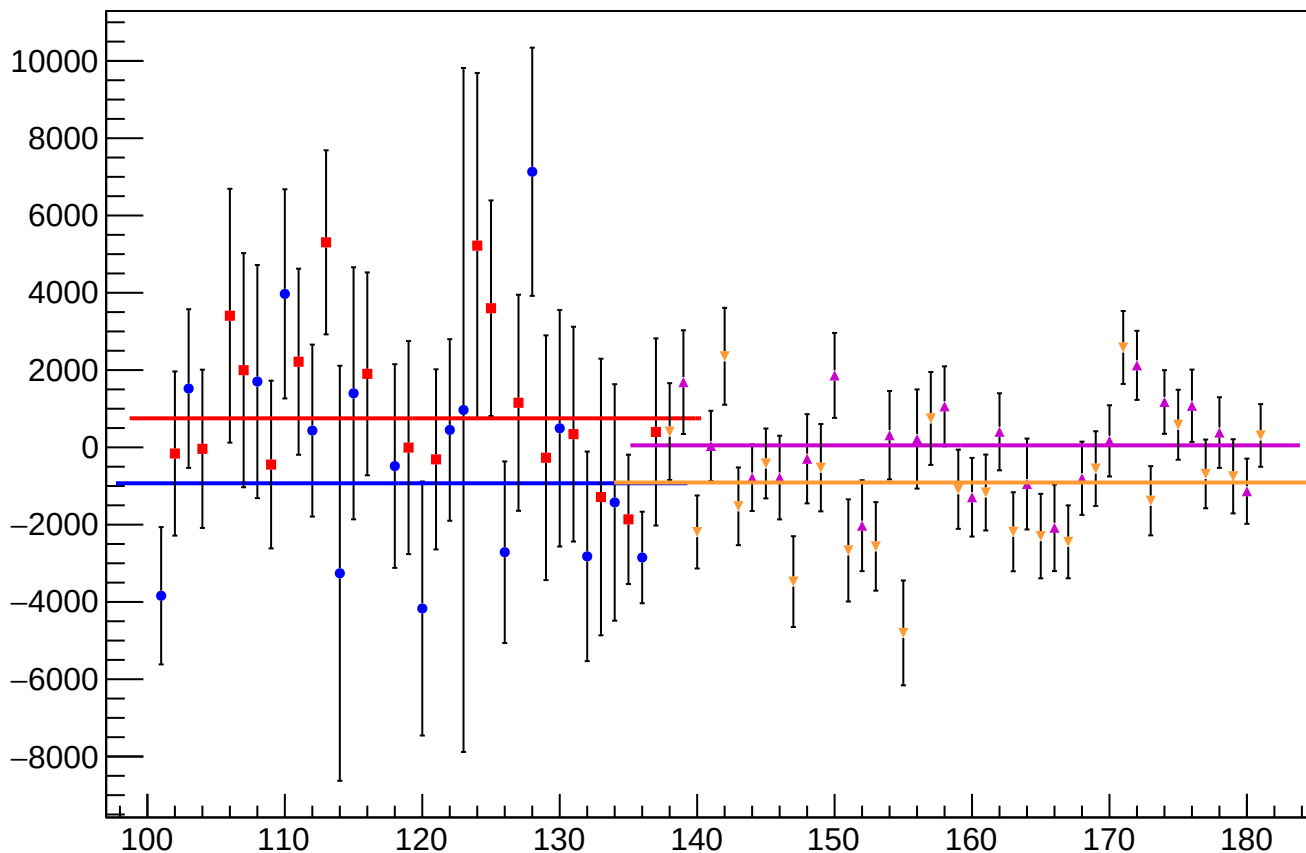
Right: 103.979 ± 0.020 χ^2/NDF : 676958.3/34

In: 93.123 ± 0.014 χ^2/NDF : 847470.6/37

Out: 93.193 ± 0.014 χ^2/NDF : 1256861.9/40

All: 93.159 ± 0.010 χ^2/NDF : 2104345.9/78

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -909.457 $\pm$ 212.596 χ^2 /NDF:54.4/22

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 52.013 $\pm$ 219.140 χ^2 /NDF:27.5/20

Left: -443.293 $\pm$ 152.589 χ^2 /NDF: 91.8/43

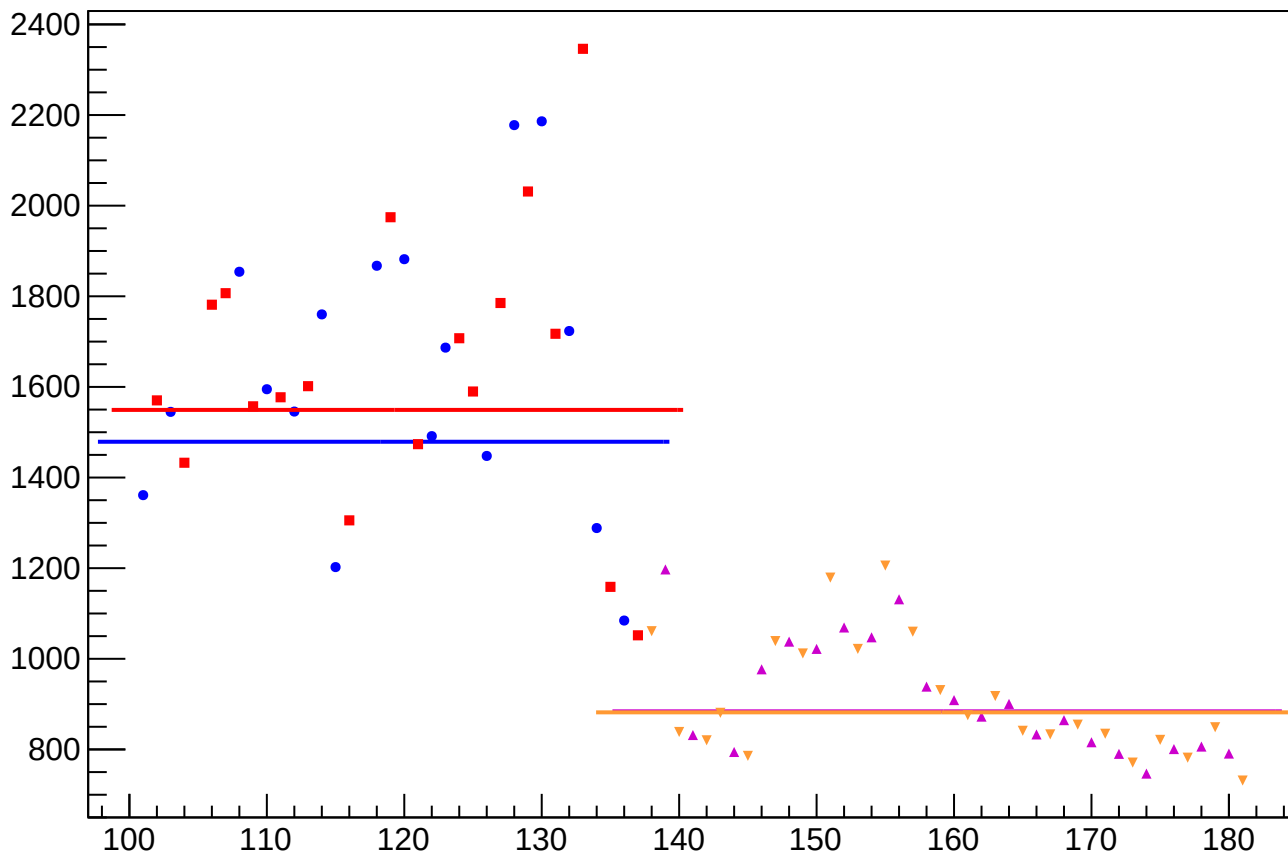
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -67.989 $\pm$ 205.299 χ^2 /NDF:50.8/37

Out: -721.420 $\pm$ 200.199 χ^2 /NDF:72.2/40

All: -402.923 $\pm$ 143.331 χ^2 /NDF: 128.3/78

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2/NDF : 589620.8/16

Left Out: 881.833 $\pm$ 0.150 χ^2/NDF : 581752.1/22

Right Out: 1549.266 $\pm$ 0.421 χ^2/NDF : 462557.8/17

Left In: 884.111 $\pm$ 0.155 χ^2/NDF : 539176.7/20

Left: 882.937 $\pm$ 0.108 χ^2/NDF : 1121040.2/43

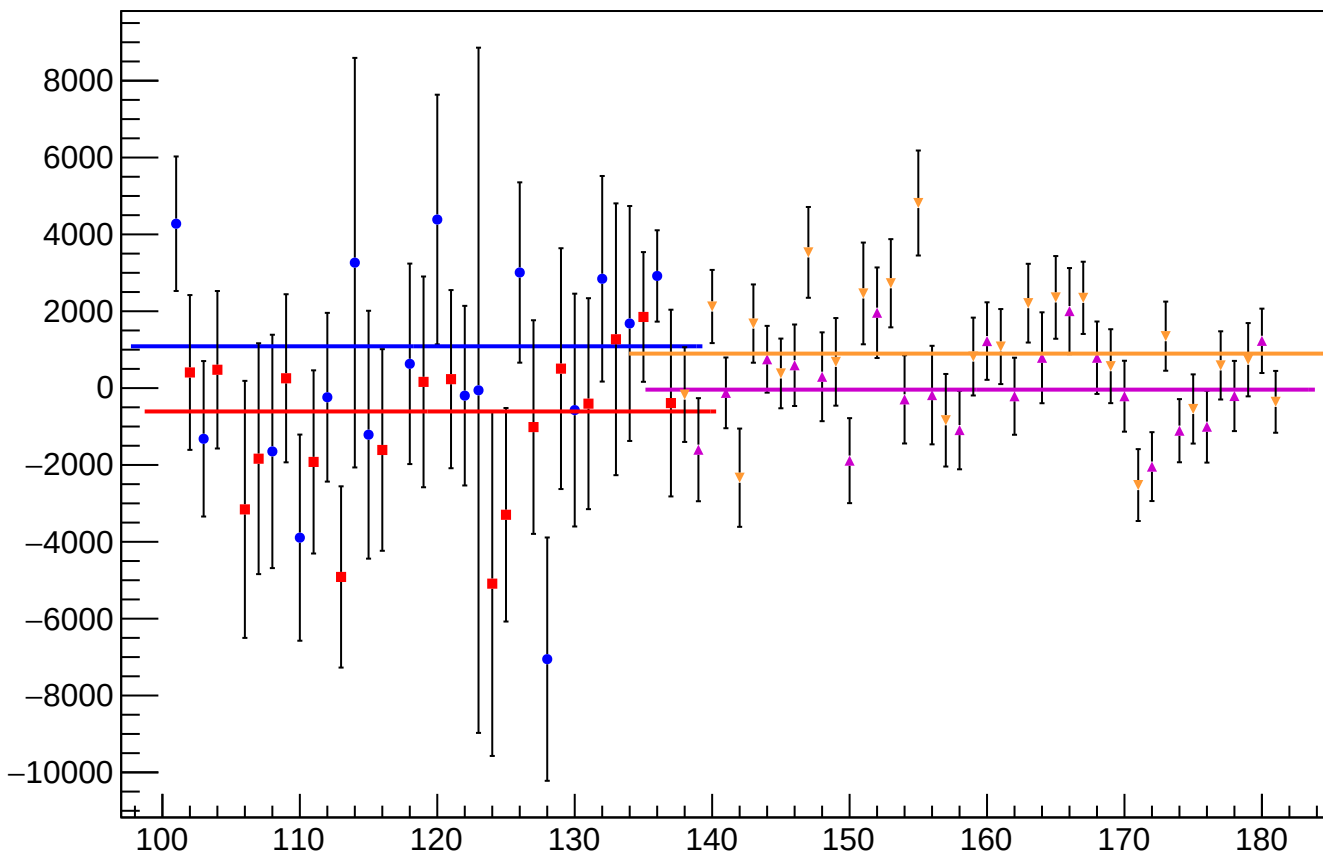
Right: 1513.653 $\pm$ 0.295 χ^2/NDF : 1066318.9/34

In: 956.885 $\pm$ 0.145 χ^2/NDF : 2931772.3/37

Out: 957.404 $\pm$ 0.142 χ^2/NDF : 3276253.2/40

All: 957.151 $\pm$ 0.101 χ^2/NDF : 6208032.0/78

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: 897.617 $\pm$ 212.375 χ^2 /NDF:53.8/22

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: 443.259 $\pm$ 152.469 χ^2 /NDF: 88.9/43

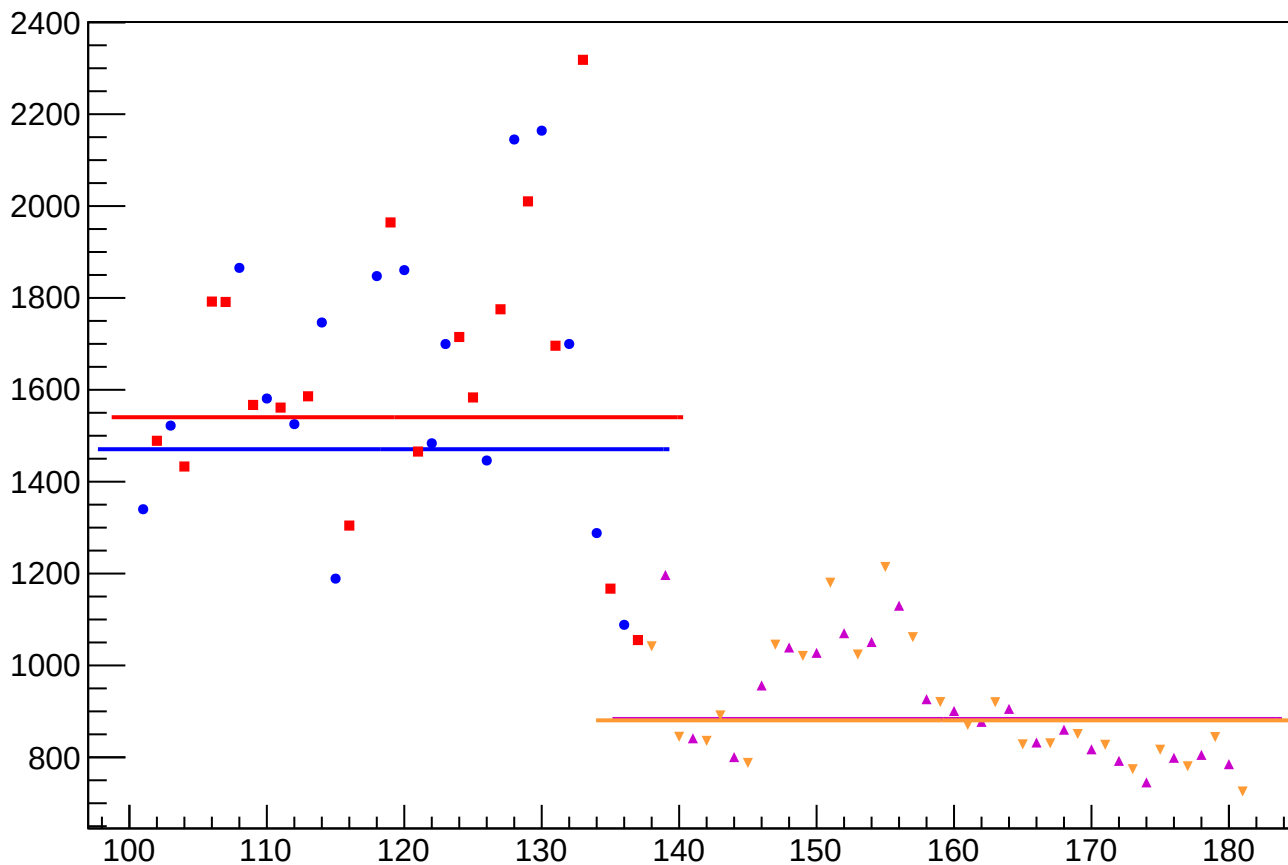
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 99.380 $\pm$ 205.047 χ^2 /NDF:50.9/37

Out: 725.721 $\pm$ 199.884 χ^2 /NDF:69.4/40

All: 420.536 $\pm$ 143.130 χ^2 /NDF: 125.1/78

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 880.457+/-0.150 χ^2/NDF : 593559.8/22

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 883.497+/-0.155 χ^2/NDF : 534303.8/20

Left: 881.930+/-0.108 χ^2/NDF : 1128062.2/43

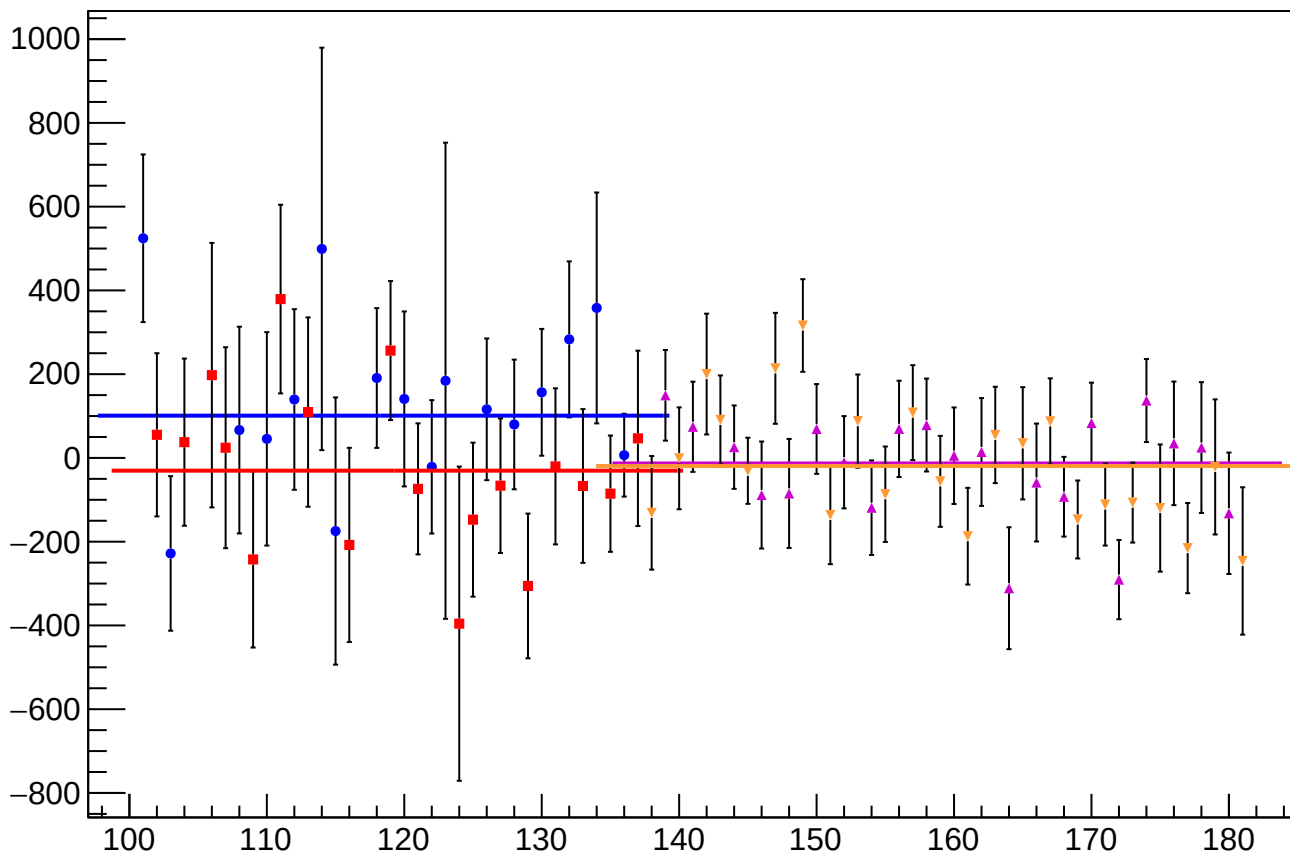
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 956.051+/-0.145 χ^2/NDF : 2878177.2/37

Out: 955.800+/-0.141 χ^2/NDF : 3240962.5/40

All: 955.922+/-0.101 χ^2/NDF : 6119141.3/78

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: -19.425 ± 23.692 $\chi^2/\text{NDF}: 32.8/22$

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: -16.501 ± 17.205 $\chi^2/\text{NDF}: 57.1/43$

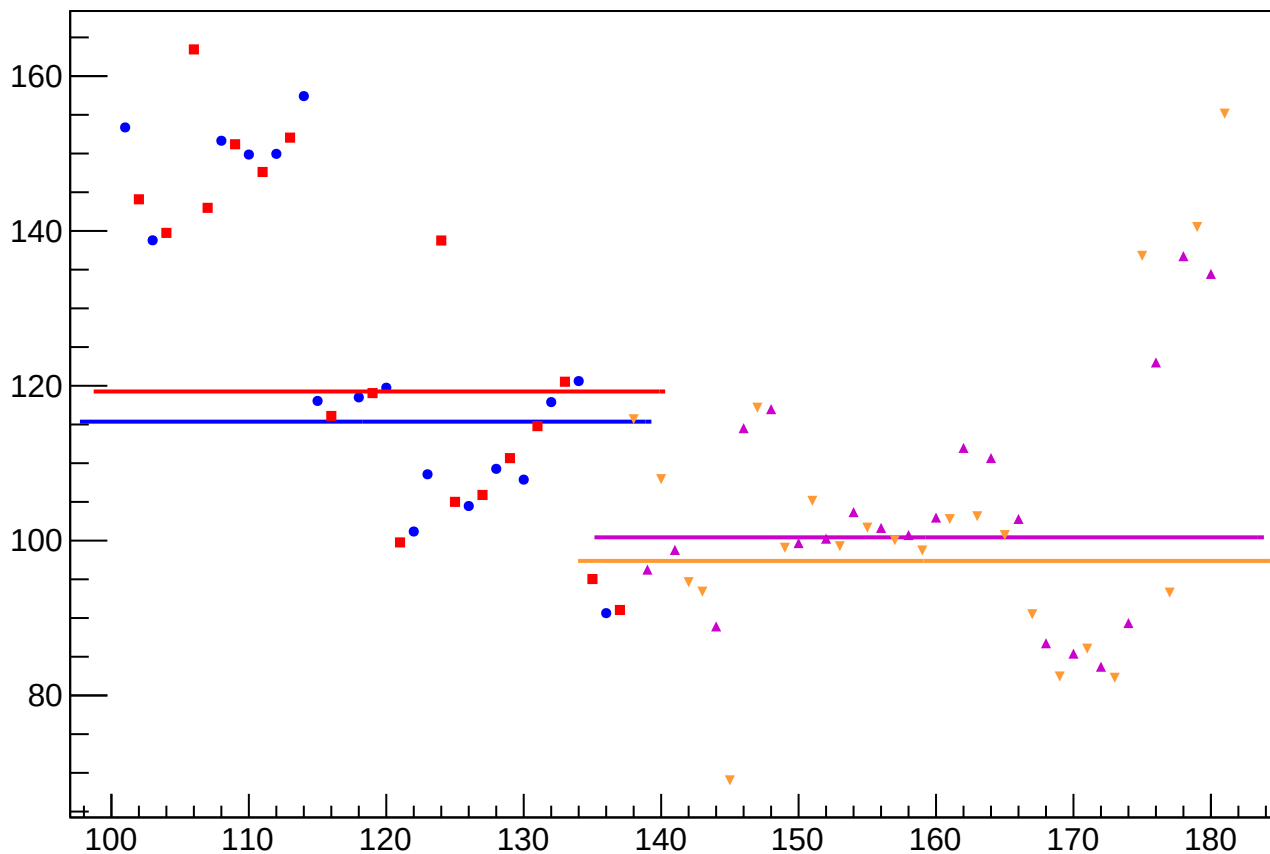
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 13.470 ± 21.904 $\chi^2/\text{NDF}: 42.1/37$

Out: -21.751 ± 21.034 $\chi^2/\text{NDF}: 46.4/40$

All: -4.854 ± 15.172 $\chi^2/\text{NDF}: 89.8/78$

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: 97.378 $\pm$ 0.017 χ^2 /NDF:1015833.9/22

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: 98.818 $\pm$ 0.012 χ^2 /NDF: 1590267.9/43

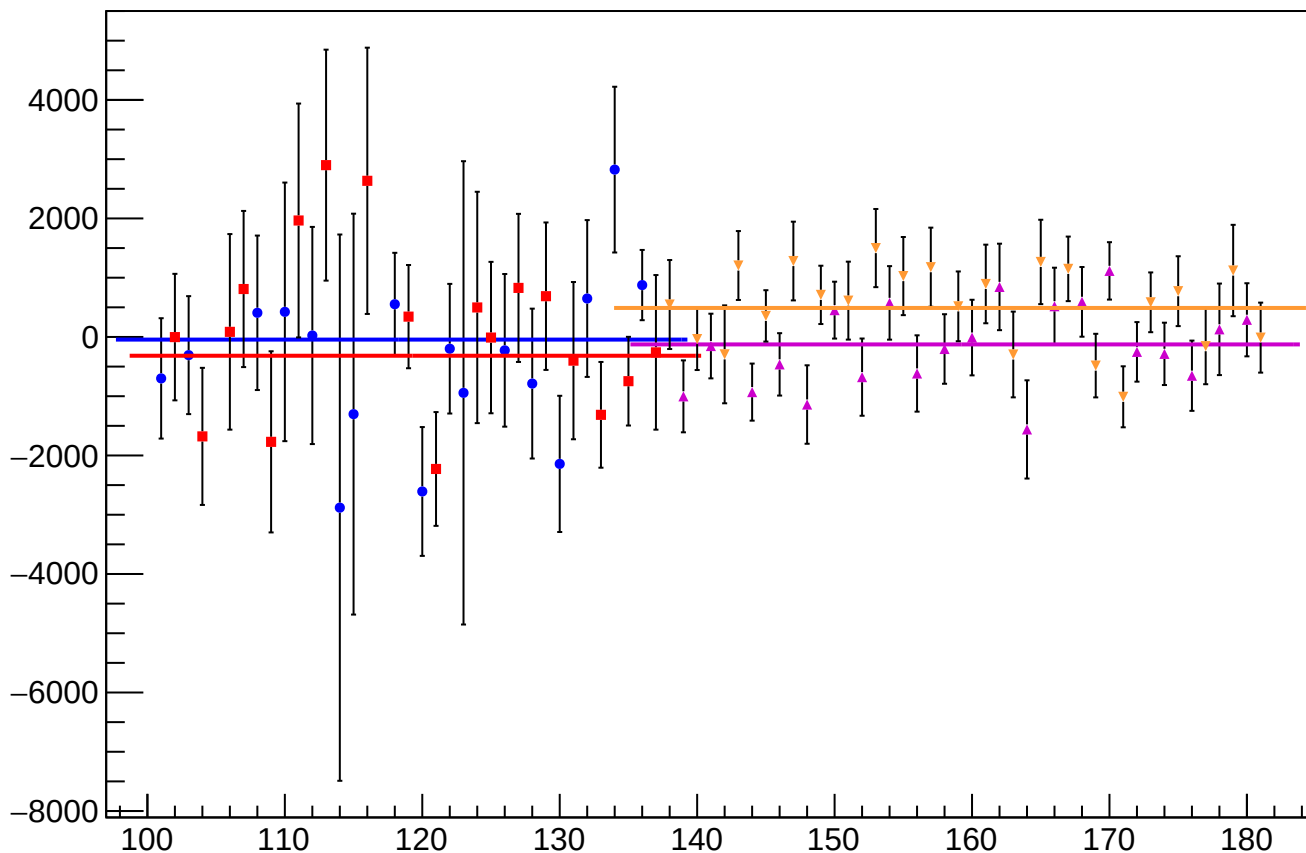
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 103.920 $\pm$ 0.015 χ^2 /NDF:1137011.4/37

Out: 102.012 $\pm$ 0.015 χ^2 /NDF:1775511.9/40

All: 102.927 $\pm$ 0.011 χ^2 /NDF: 2920410.7/78

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: 489.502 ± 124.823 χ^2/NDF : 27.9/22

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: 189.854 ± 89.408 χ^2/NDF : 66.8/43

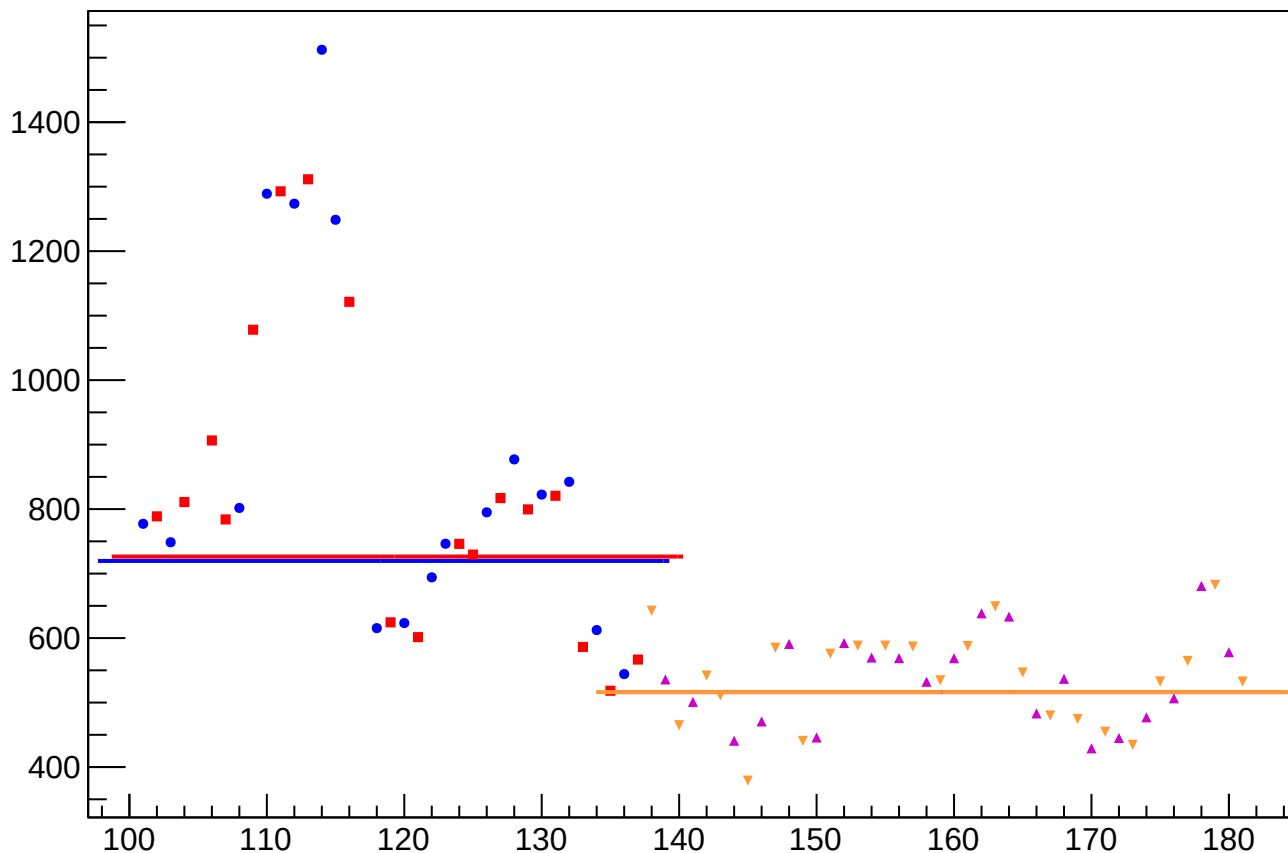
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -112.290 ± 116.947 χ^2/NDF : 45.0/37

Out: 358.247 ± 114.214 χ^2/NDF : 51.5/40

All: 128.540 ± 81.711 χ^2/NDF : 104.7/78

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: 516.215 $\pm$ 0.088 χ^2 /NDF: 739824.1/22

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: 516.211 $\pm$ 0.063 χ^2 /NDF: 1277680.0/43

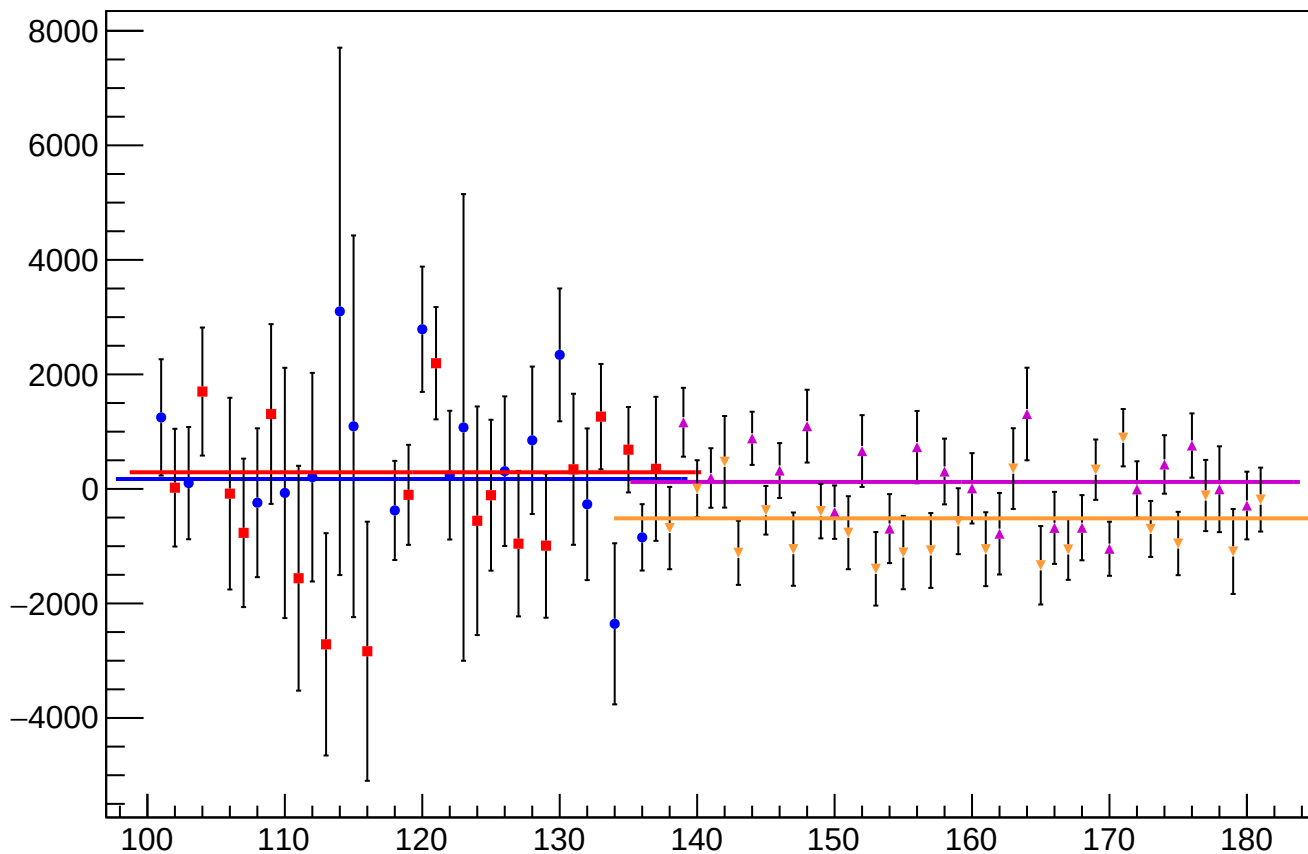
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.149 $\pm$ 0.083 χ^2 /NDF: 2125896.3/37

Out: 550.422 $\pm$ 0.081 χ^2 /NDF: 2543717.9/40

All: 550.289 $\pm$ 0.058 χ^2 /NDF: 4669619.8/78

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -513.603 $\pm$ 120.782 χ^2 /NDF:25.7/22

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: -203.295 $\pm$ 86.400 χ^2 /NDF: 68.0/43

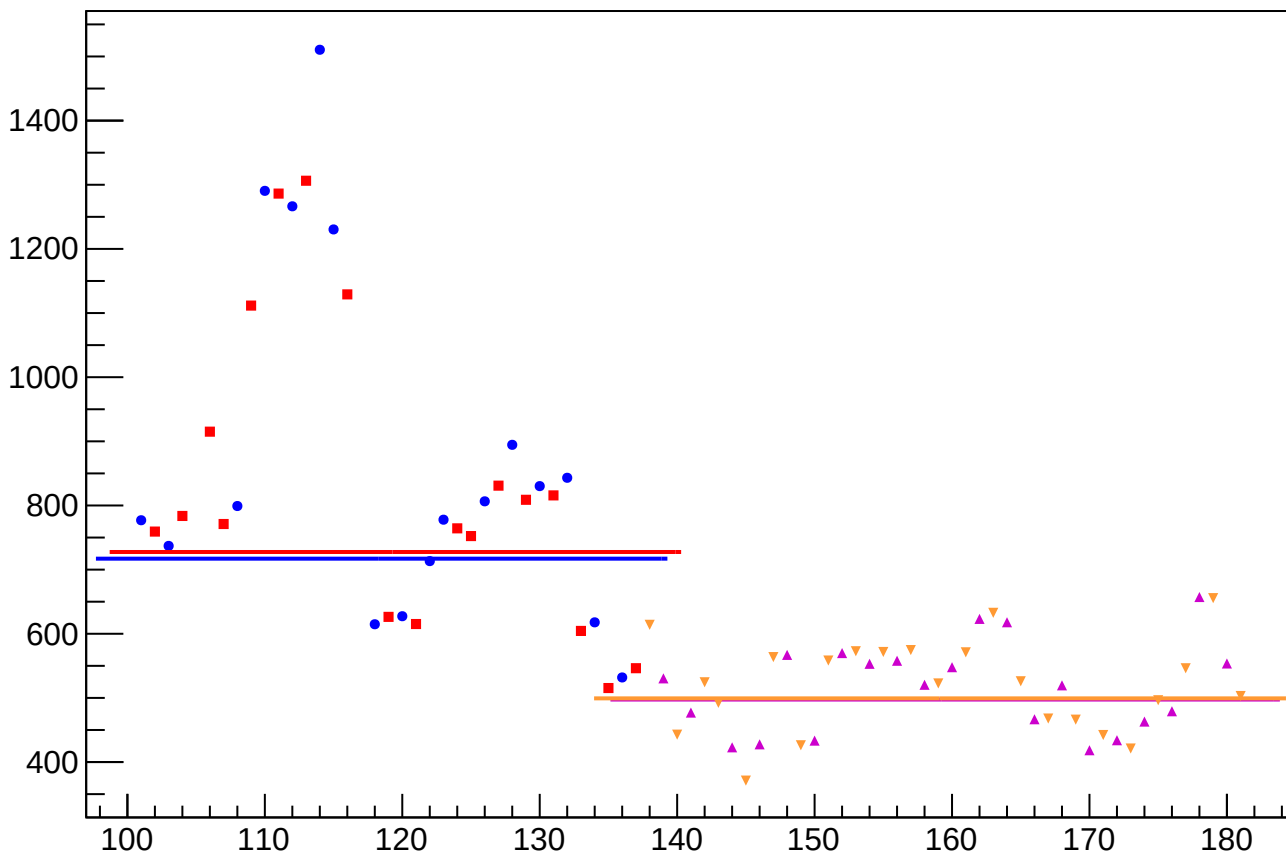
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 129.980 $\pm$ 113.471 χ^2 /NDF:47.0/37

Out: -390.060 $\pm$ 111.121 χ^2 /NDF:48.1/40

All: -135.481 $\pm$ 79.392 χ^2 /NDF: 105.8/78

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: 499.289 $\pm$ 0.085 χ^2/NDF : 718868.3/22

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: 498.383 $\pm$ 0.061 χ^2/NDF : 1286684.6/43

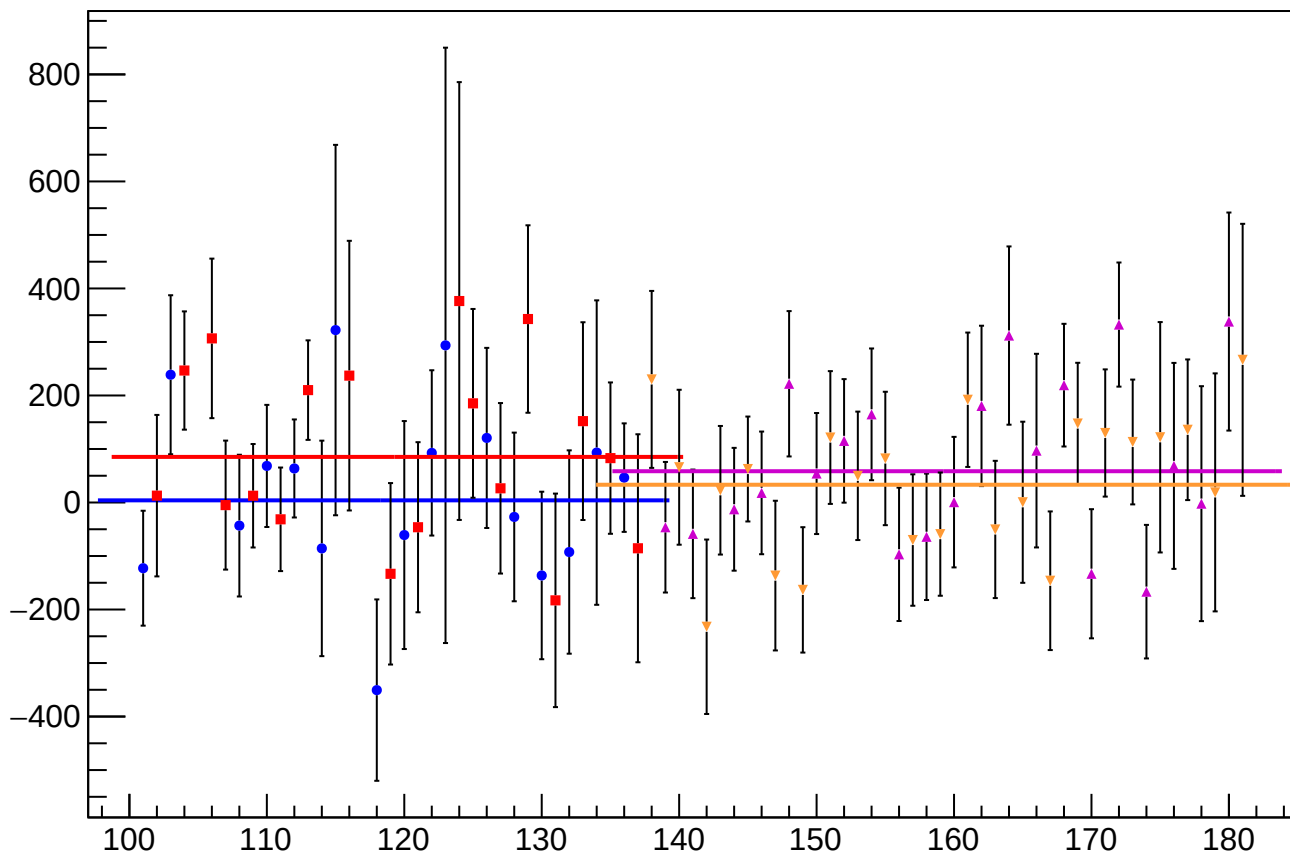
Right: 722.325 $\pm$ 0.142 χ^2/NDF : 1664822.9/34

In: 532.088 $\pm$ 0.080 χ^2/NDF : 2345861.6/37

Out: 534.337 $\pm$ 0.079 χ^2/NDF : 2696386.7/40

All: 533.236 $\pm$ 0.056 χ^2/NDF : 5042649.4/78

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 33.185 ± 27.475 $\chi^2/\text{NDF}: 18.3/22$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 58.458 ± 28.496 $\chi^2/\text{NDF}: 25.8/20$

Left: 45.360 ± 19.779 $\chi^2/\text{NDF}: 44.5/43$

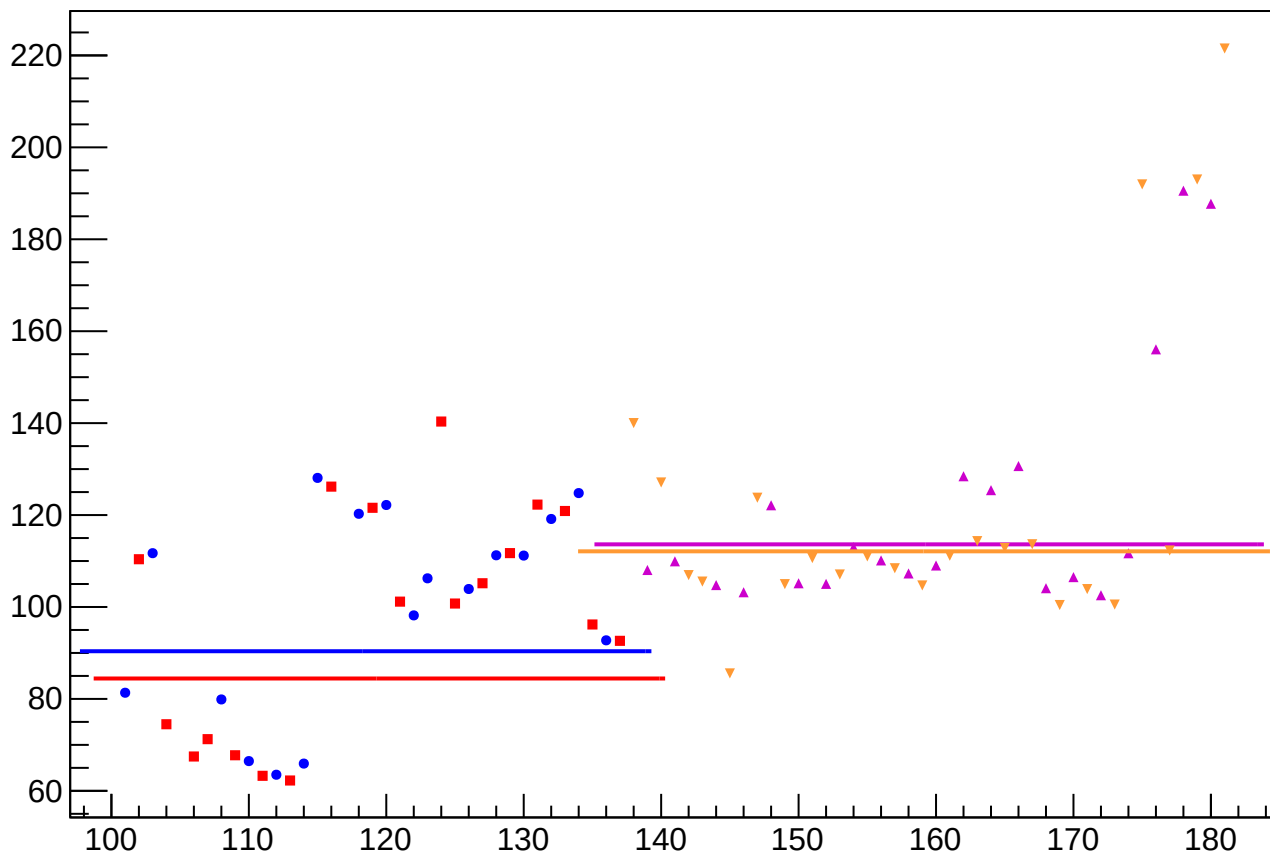
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 37.449 ± 22.332 $\chi^2/\text{NDF}: 39.9/37$

Out: 54.170 ± 21.222 $\chi^2/\text{NDF}: 37.1/40$

All: 46.235 ± 15.383 $\chi^2/\text{NDF}: 77.3/78$

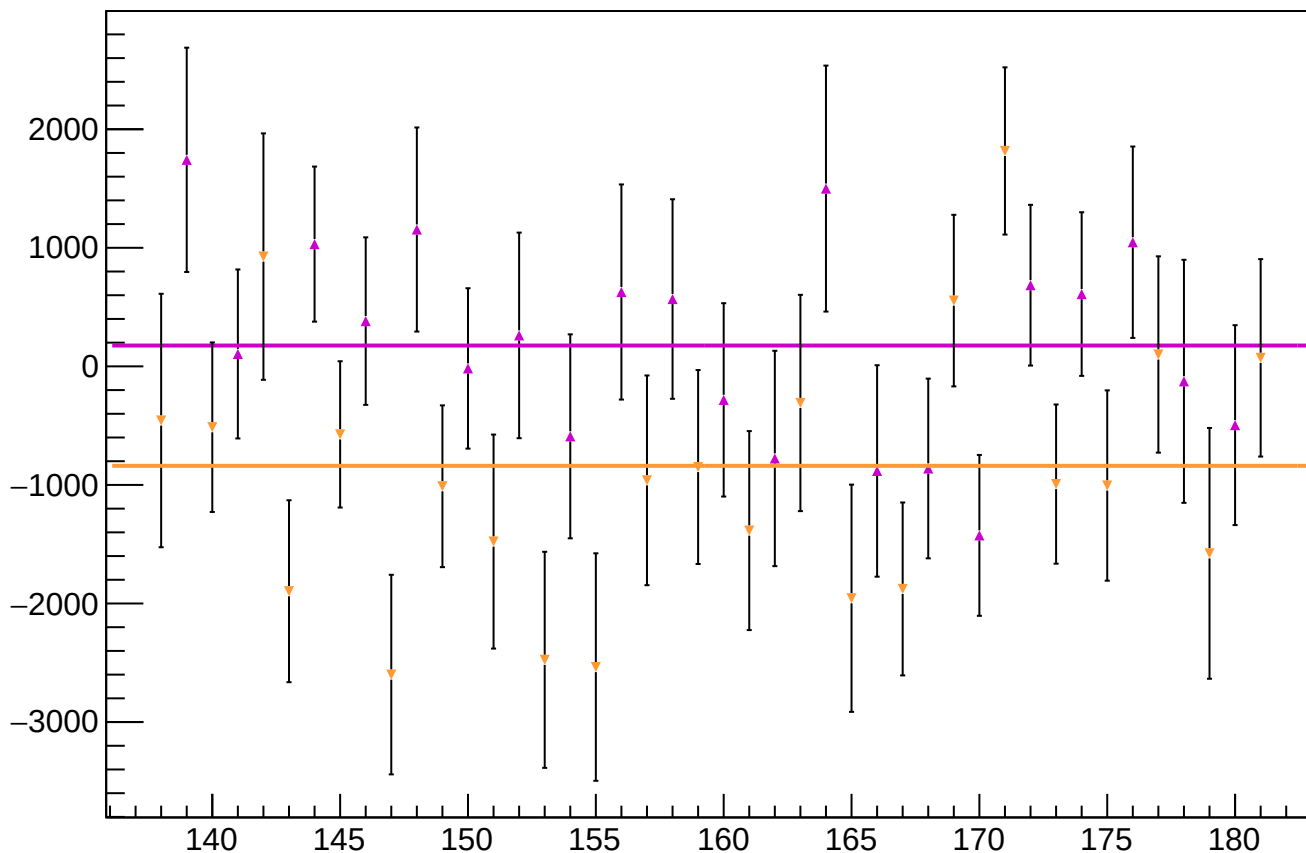
dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16
 Left Out: 112.109 $\pm$ 0.019 χ^2 /NDF:1230276.9/22
 Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17
 Left In: 113.627 $\pm$ 0.020 χ^2 /NDF:769151.0/20

Left: 112.841 $\pm$ 0.014 χ^2 /NDF: 2002370.1/43
 Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34
 In: 104.655 $\pm$ 0.016 χ^2 /NDF:1937118.5/37
 Out: 100.948 $\pm$ 0.015 χ^2 /NDF:2919233.5/40
 All: 102.707 $\pm$ 0.011 χ^2 /NDF: 4885306.9/78

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -838.943 $\pm$ 168.997 χ^2 /NDF:41.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 175.725 $\pm$ 173.398 χ^2 /NDF:21.9/20

Left: -344.649 $\pm$ 121.025 χ^2 /NDF: 81.2/43

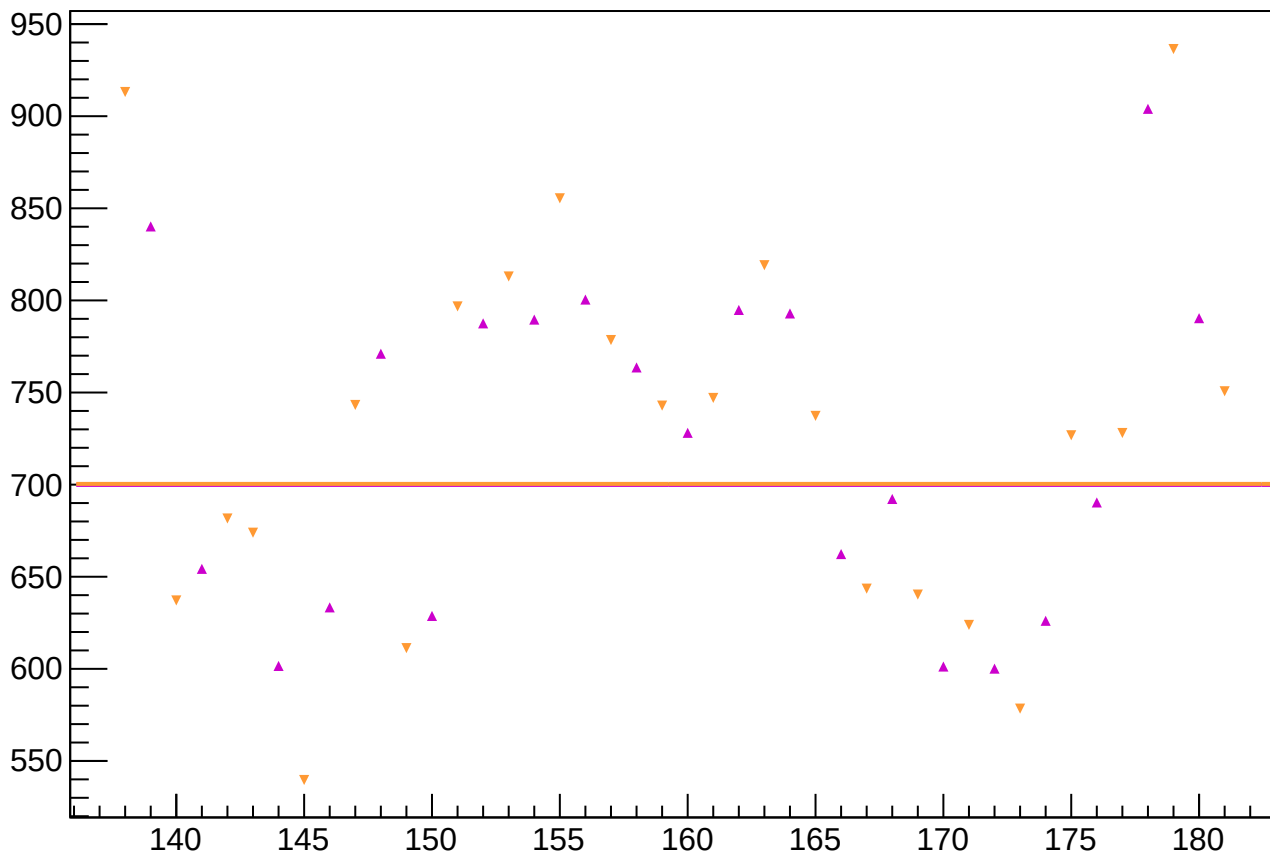
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 175.725 $\pm$ 173.398 χ^2 /NDF:21.9/20

Out: -838.943 $\pm$ 168.997 χ^2 /NDF:41.7/22

All: -344.649 $\pm$ 121.025 χ^2 /NDF: 81.2/43

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.400+/-0.119 χ^2/NDF : 669458.8/22

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: 700.129+/-0.086 χ^2/NDF : 1153813.3/43

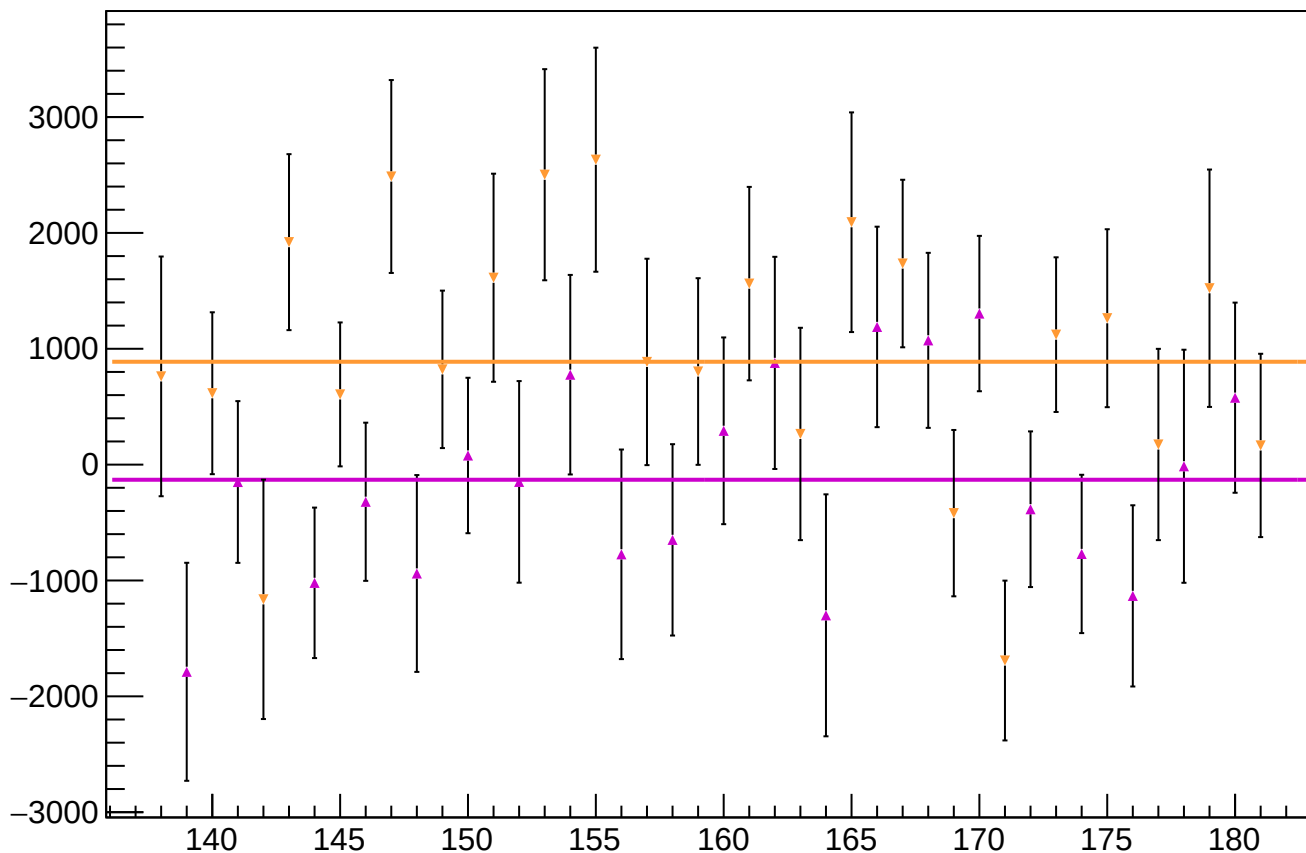
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 699.843+/-0.123 χ^2/NDF : 484344.0/20

Out: 700.400+/-0.119 χ^2/NDF : 669458.8/22

All: 700.129+/-0.086 χ^2/NDF : 1153813.3/43

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 887.982+/-167.085 χ^2/NDF :40.6/22

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: 391.313+/-119.597 χ^2/NDF : 82.4/43

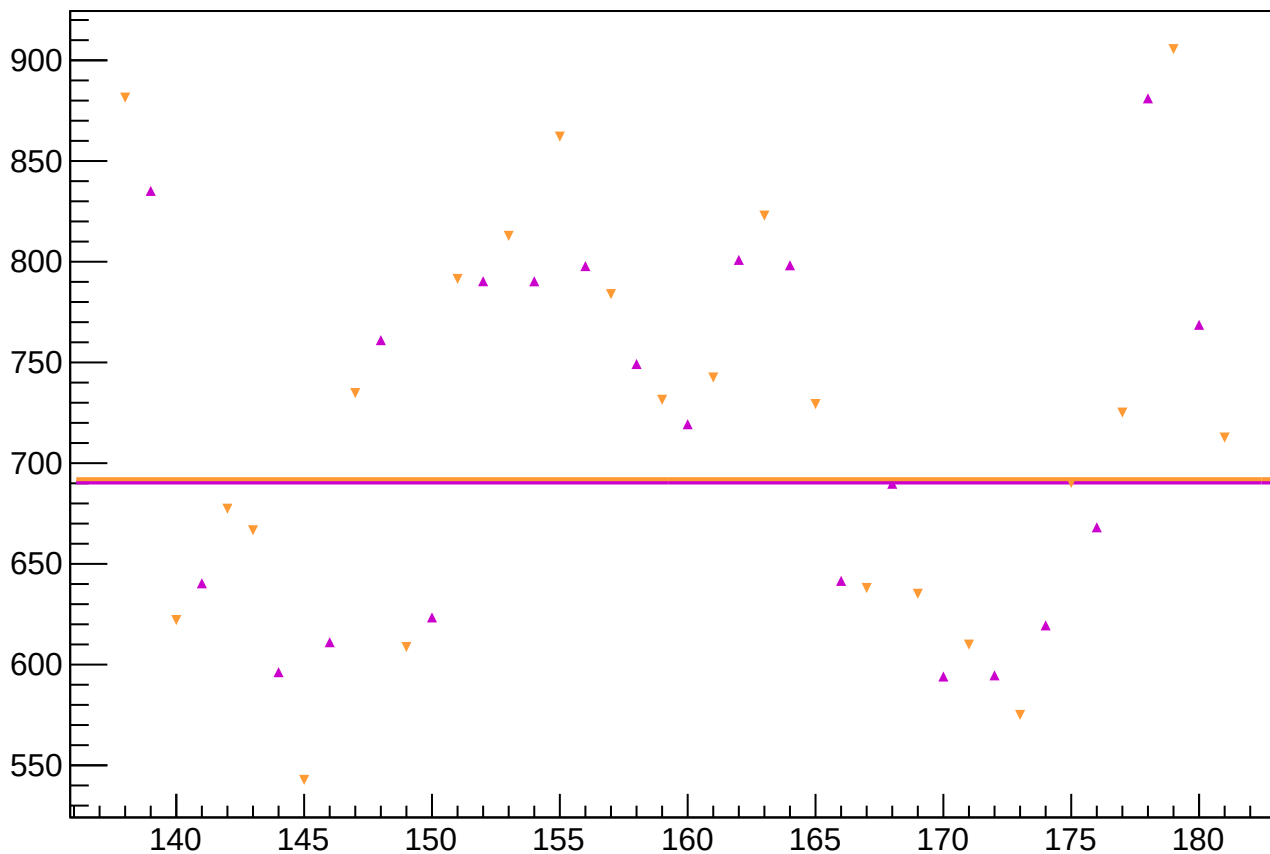
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -130.523+/-171.265 χ^2/NDF :23.7/20

Out: 887.982+/-167.085 χ^2/NDF :40.6/22

All: 391.313+/-119.597 χ^2/NDF : 82.4/43

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.039+/-0.118 χ^2/NDF :644359.5/22

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: 691.243+/-0.085 χ^2/NDF : 1151093.7/43

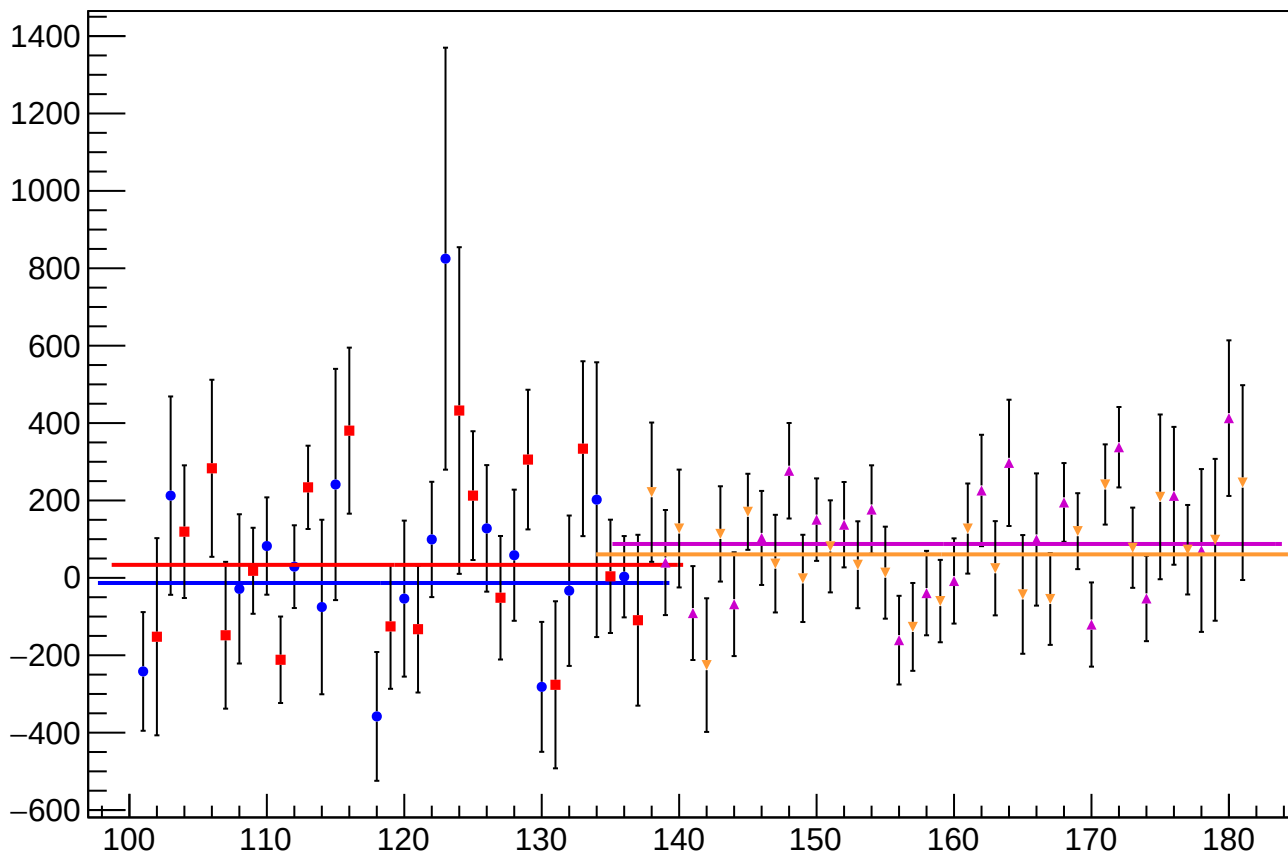
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 690.406+/-0.121 χ^2/NDF :506641.0/20

Out: 692.039+/-0.118 χ^2/NDF :644359.5/22

All: 691.243+/-0.085 χ^2/NDF : 1151093.7/43

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 60.736 ± 25.946 χ^2/NDF : 16.1/22

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 87.590 ± 27.164 χ^2/NDF : 31.8/20

Left: 73.547 ± 18.762 χ^2/NDF : 48.5/43

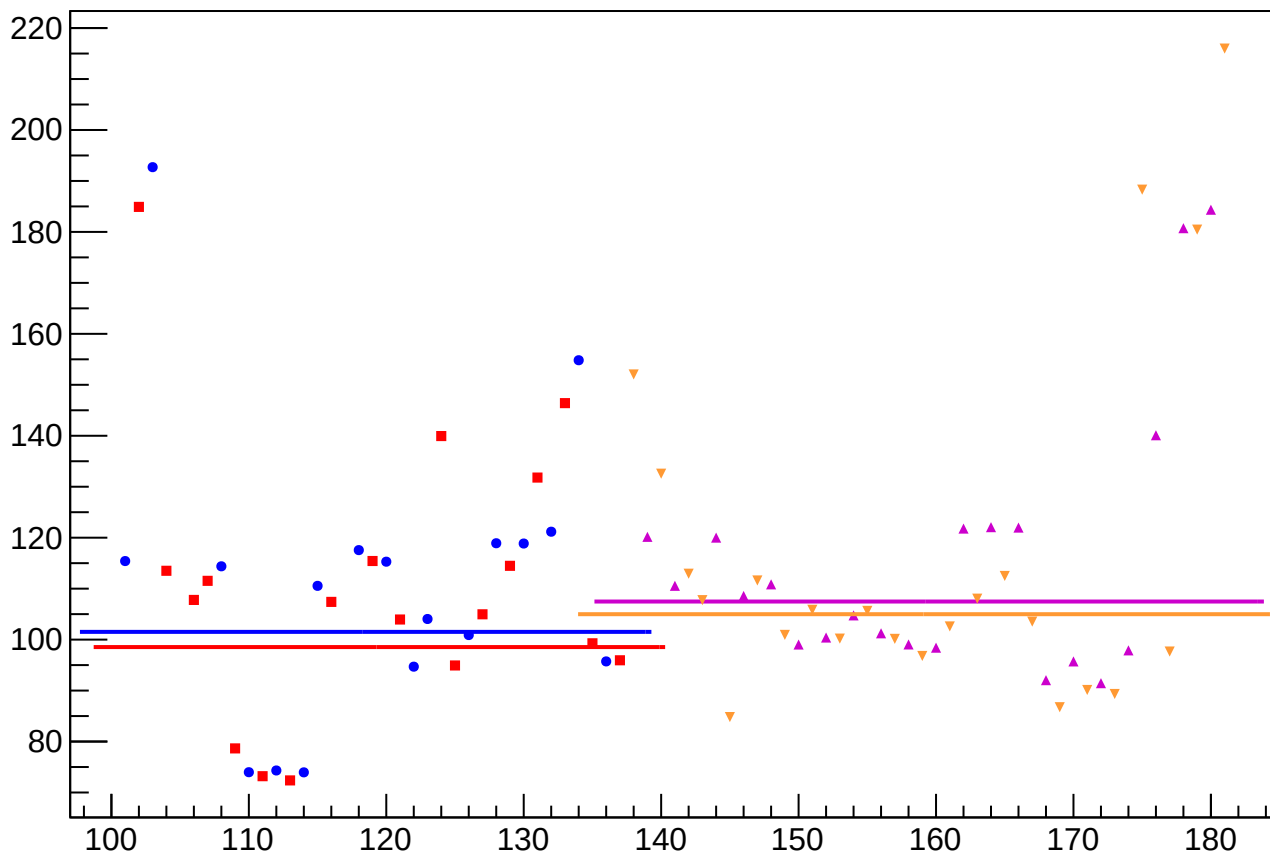
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 56.370 ± 22.569 χ^2/NDF : 51.8/37

Out: 52.390 ± 21.583 χ^2/NDF : 41.1/40

All: 54.291 ± 15.599 χ^2/NDF : 93.0/78

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: 104.987 $\pm$ 0.018 χ^2 /NDF: 1445870.9/22

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: 106.173 $\pm$ 0.013 χ^2 /NDF: 2329887.3/43

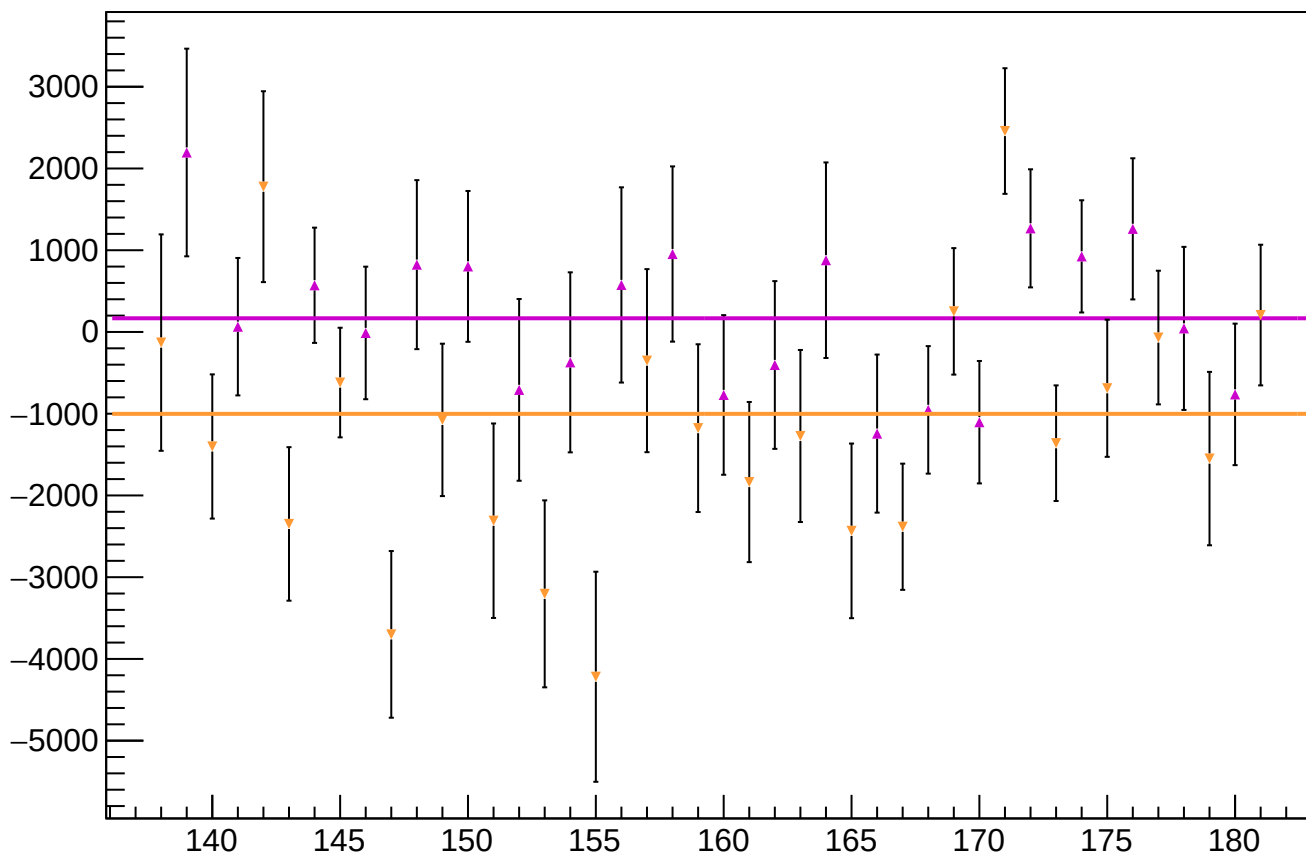
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 105.629 $\pm$ 0.016 χ^2 /NDF: 1586729.6/37

Out: 103.000 $\pm$ 0.015 χ^2 /NDF: 2230925.2/40

All: 104.256 $\pm$ 0.011 χ^2 /NDF: 3831825.6/78

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -1001.761 $\pm$ 192.809 χ^2 /NDF:59.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 167.323 $\pm$ 196.888 χ^2 /NDF:20.3/20

Left: -429.454 $\pm$ 137.756 χ^2 /NDF: 98.2/43

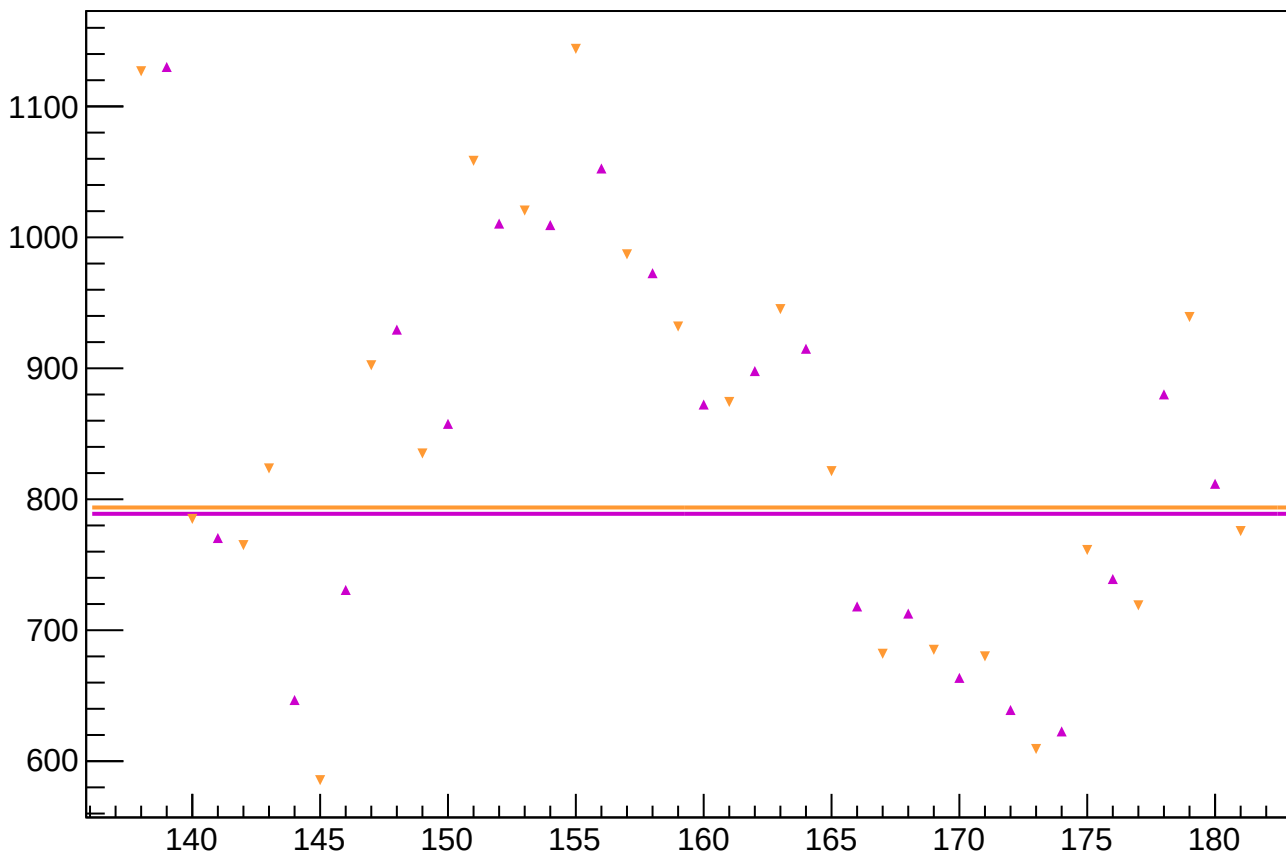
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 167.323 $\pm$ 196.888 χ^2 /NDF:20.3/20

Out: -1001.761 $\pm$ 192.809 χ^2 /NDF:59.9/22

All: -429.454 $\pm$ 137.756 χ^2 /NDF: 98.2/43

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

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: 791.361+/-0.097 χ^2/NDF : 2121886.3/43

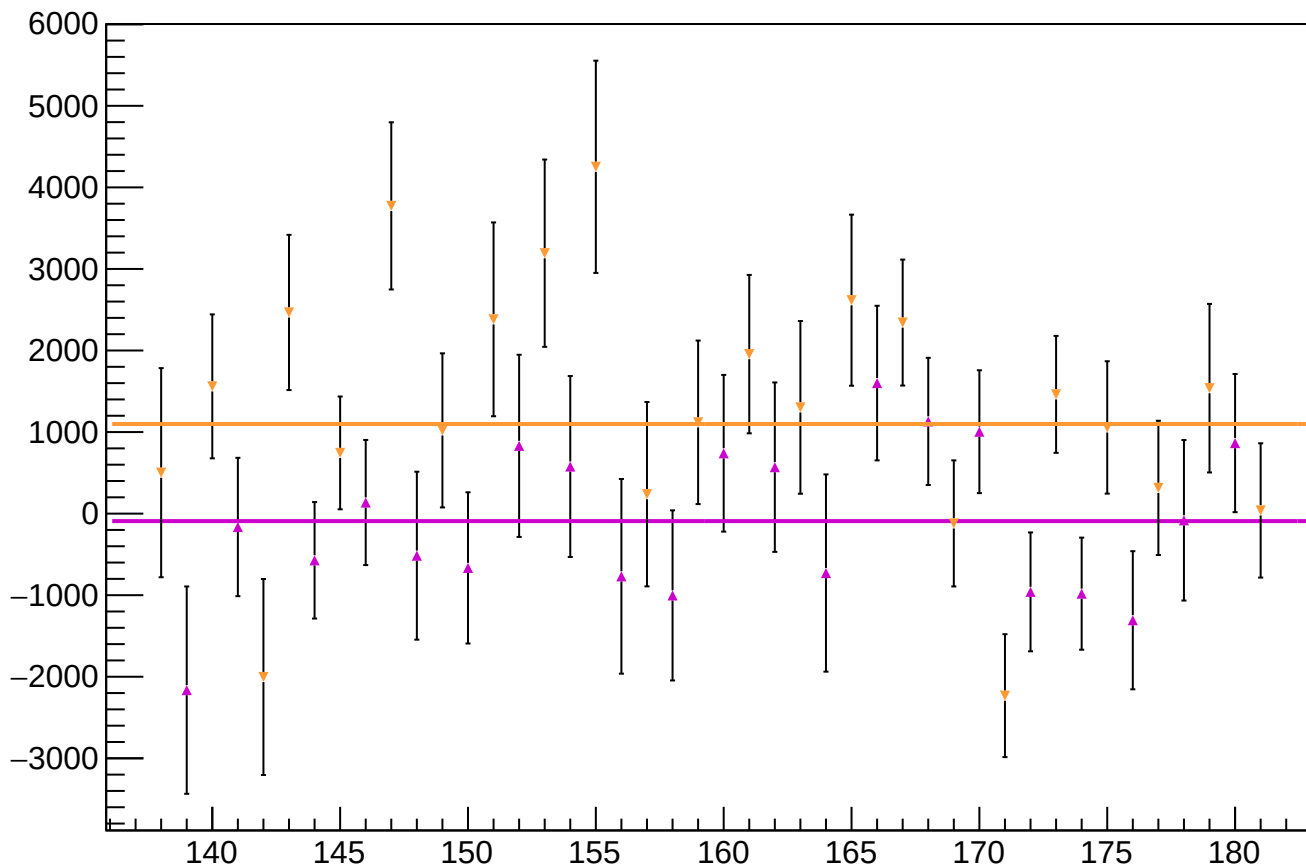
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 788.891+/-0.139 χ^2/NDF :974130.3/20

Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

All: 791.361+/-0.097 χ^2/NDF : 2121886.3/43

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

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: 514.291+/-137.278 χ^2/NDF : 98.1/43

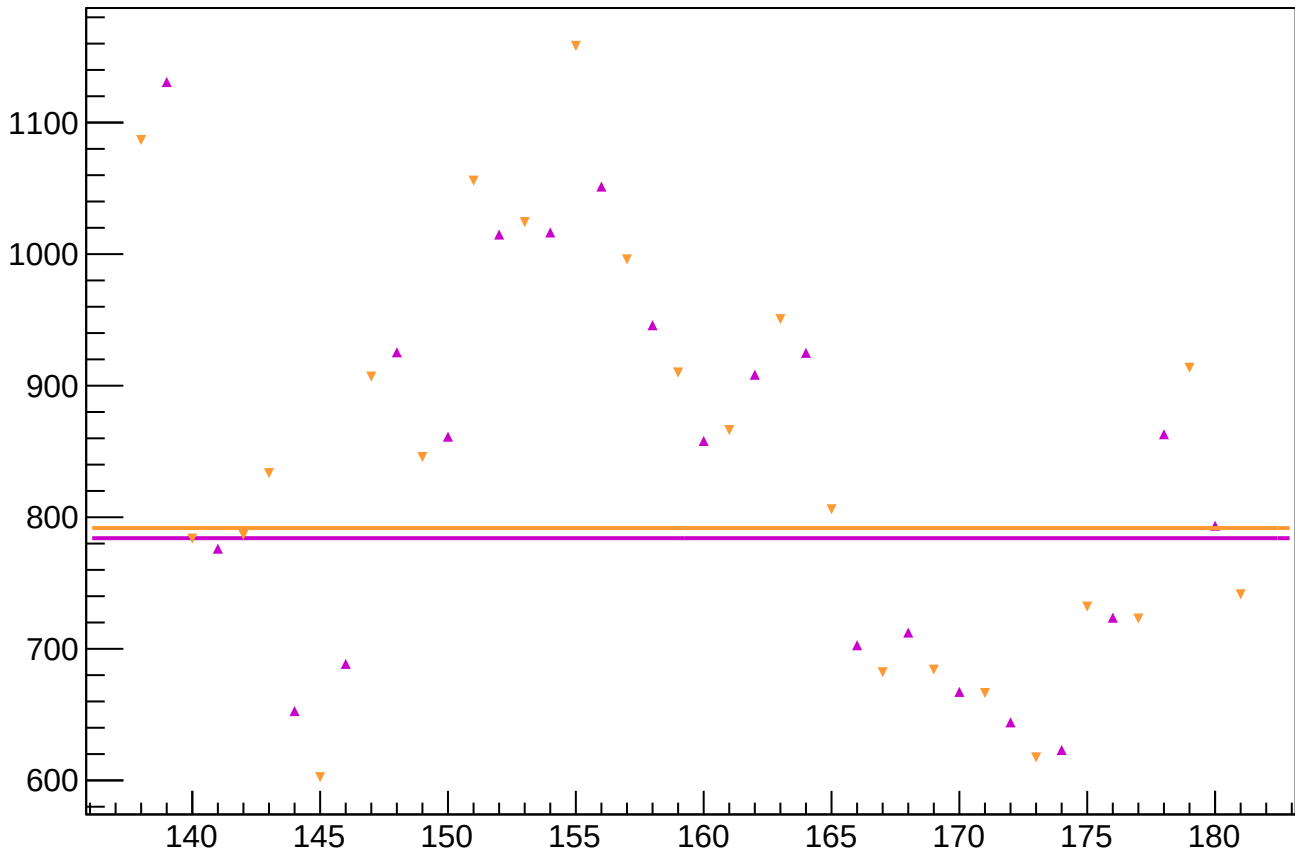
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -91.765+/-195.923 χ^2/NDF : 21.5/20

Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

All: 514.291+/-137.278 χ^2/NDF : 98.1/43

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

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: 788.019+/-0.097 χ^2/NDF : 2070832.1/43

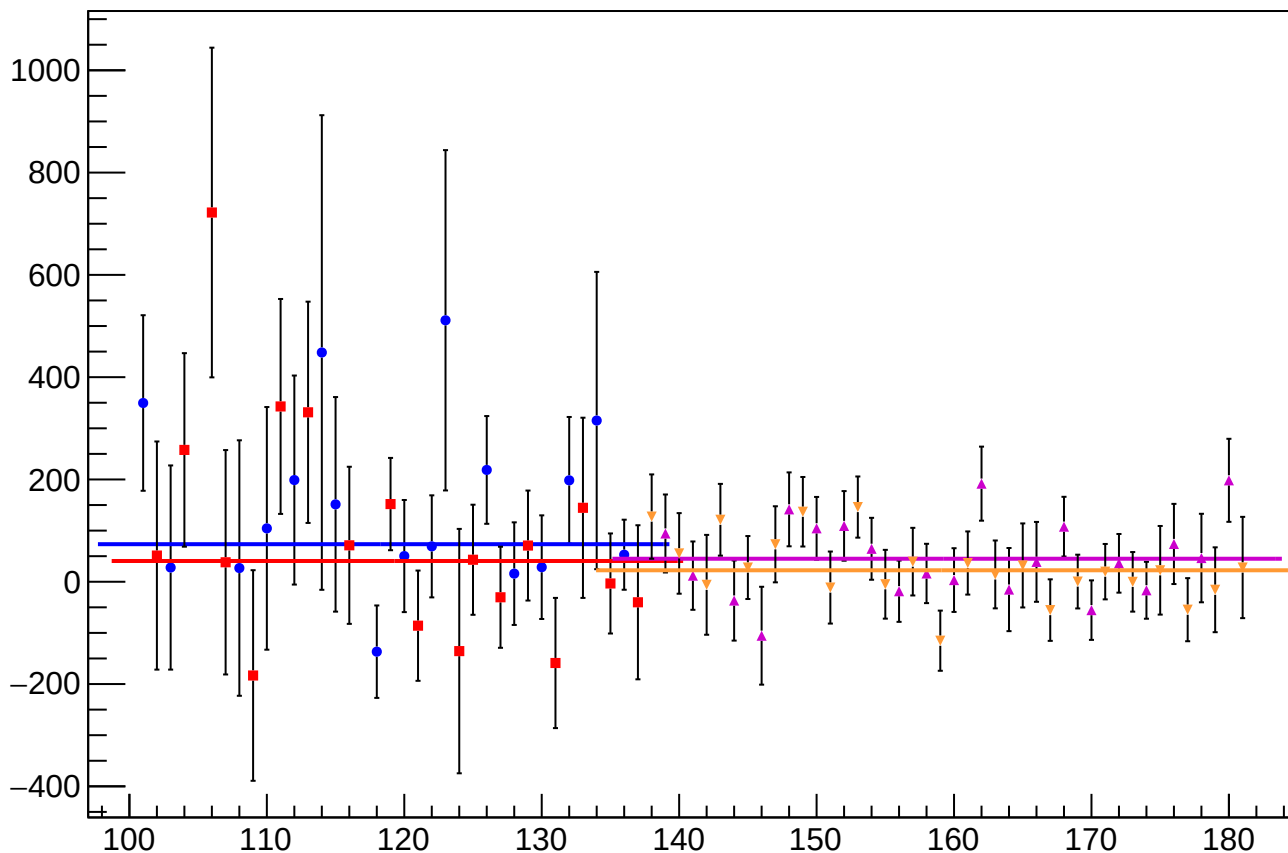
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.094+/-0.139 χ^2/NDF :975246.0/20

Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

All: 788.019+/-0.097 χ^2/NDF : 2070832.1/43

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.426 $\pm$ 14.068 χ^2 /NDF:21.2/22

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 44.999 $\pm$ 14.714 χ^2 /NDF:23.5/20

Left: 33.206 $\pm$ 10.168 χ^2 /NDF: 46.0/43

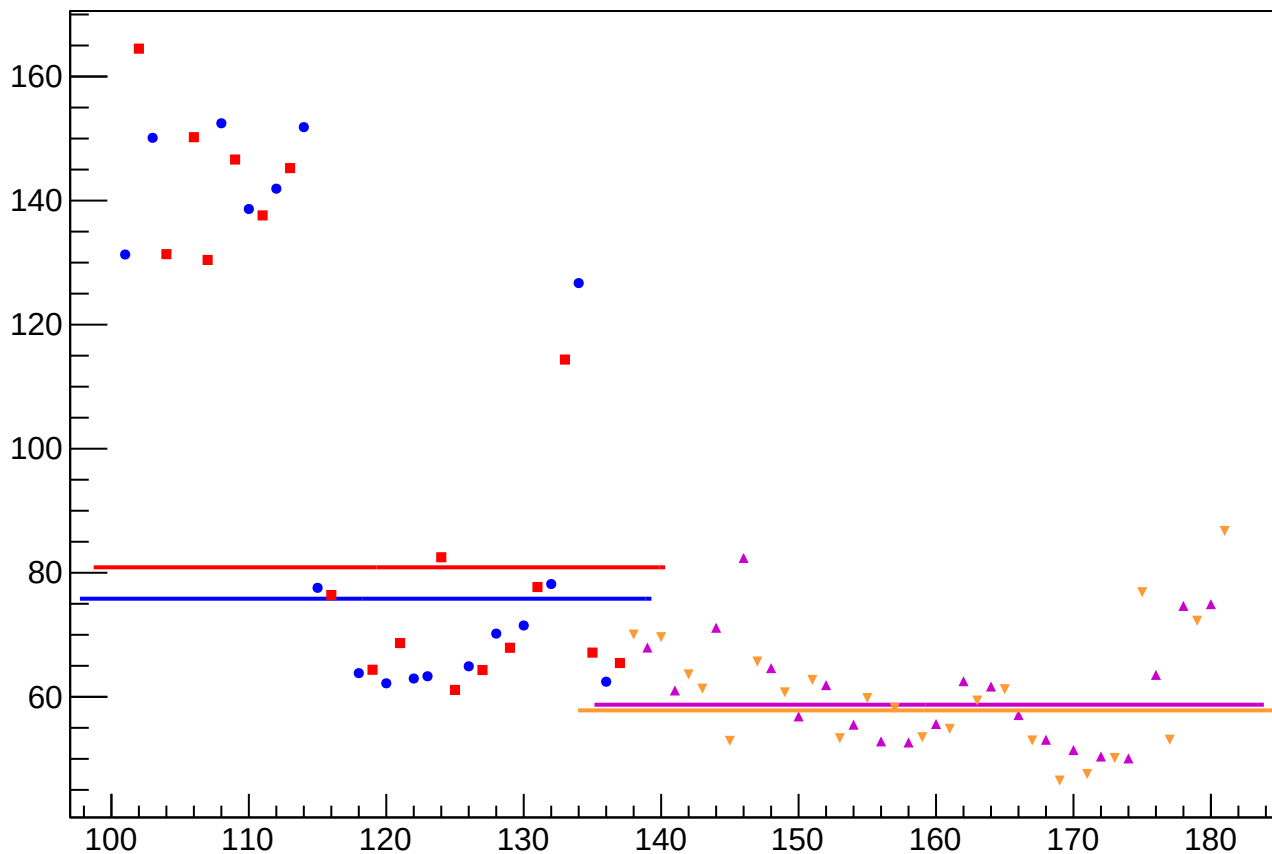
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 50.213 $\pm$ 13.298 χ^2 /NDF:39.5/37

Out: 25.257 $\pm$ 12.926 χ^2 /NDF:39.7/40

All: 37.382 $\pm$ 9.269 χ^2 /NDF: 81.0/78

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: 57.814 $\pm$ 0.010 χ^2/NDF : 734358.4/22

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: 58.252 $\pm$ 0.007 χ^2/NDF : 1319214.3/43

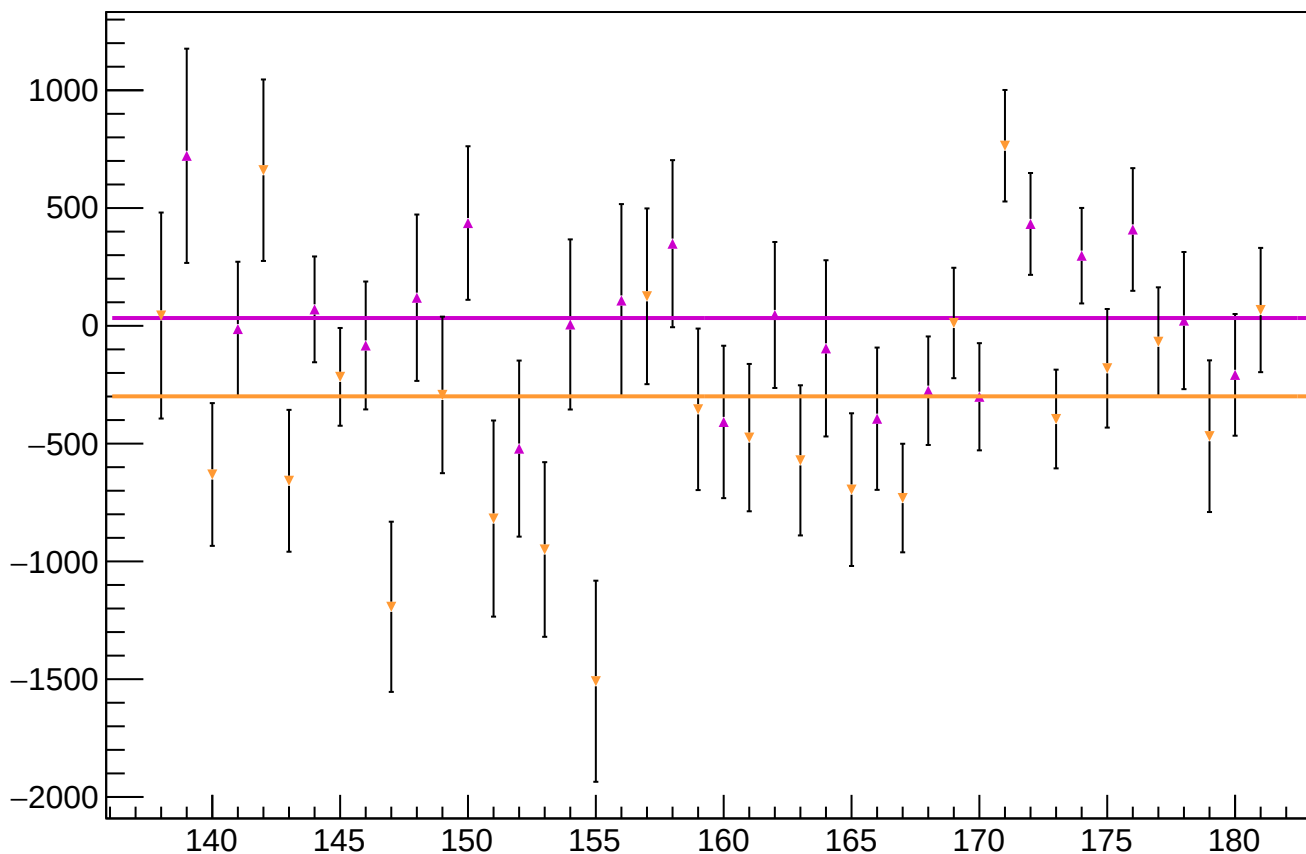
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 61.863 $\pm$ 0.009 χ^2/NDF : 2425204.2/37

Out: 61.409 $\pm$ 0.009 χ^2/NDF : 3098251.1/40

All: 61.629 $\pm$ 0.007 χ^2/NDF : 5524655.9/78

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -299.309 $\pm$ 60.432 χ^2 /NDF:61.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 33.124 $\pm$ 61.995 χ^2 /NDF:23.2/20

Left: -137.336 $\pm$ 43.274 χ^2 /NDF: 99.3/43

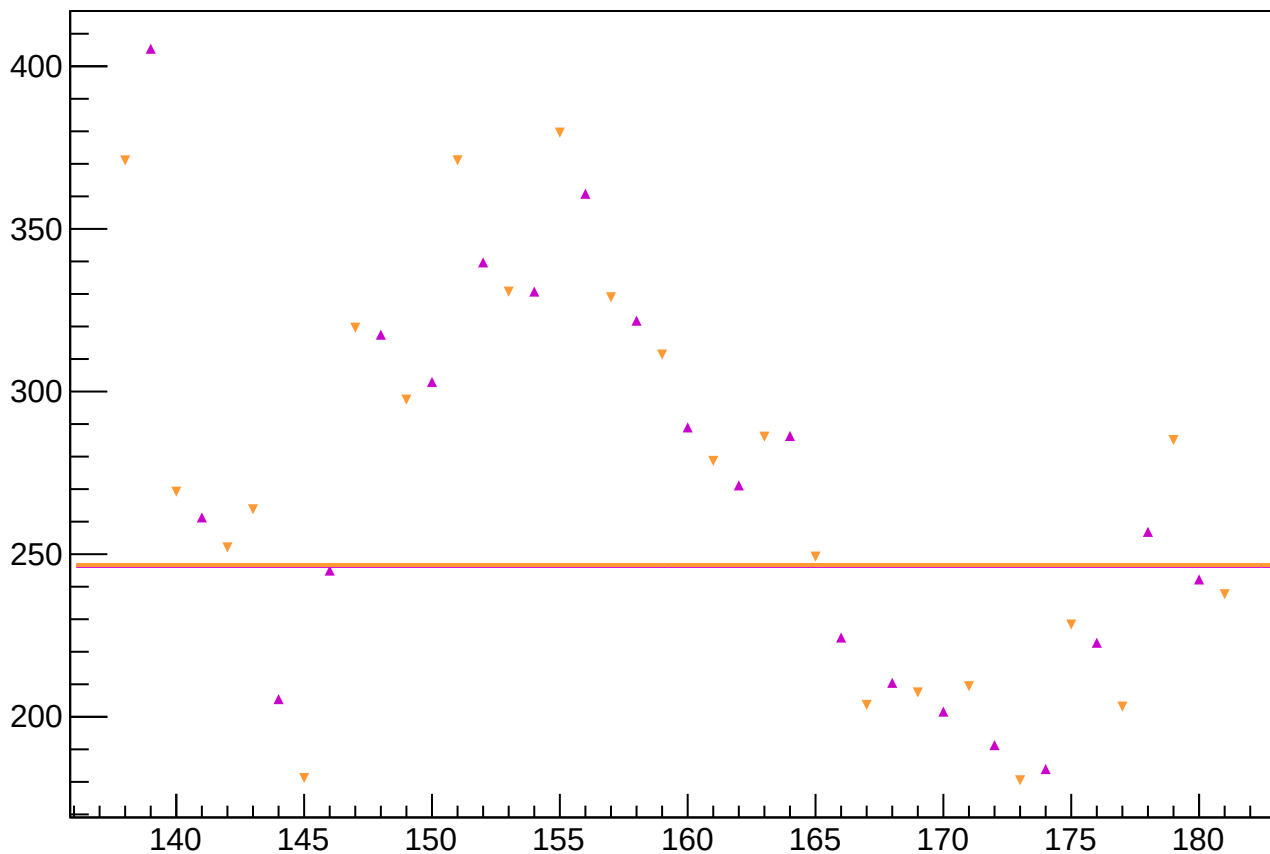
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 33.124 $\pm$ 61.995 χ^2 /NDF:23.2/20

Out: -299.309 $\pm$ 60.432 χ^2 /NDF:61.4/22

All: -137.336 $\pm$ 43.274 χ^2 /NDF: 99.3/43

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

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: 246.547+/-0.031 χ^2/NDF : 3174374.4/43

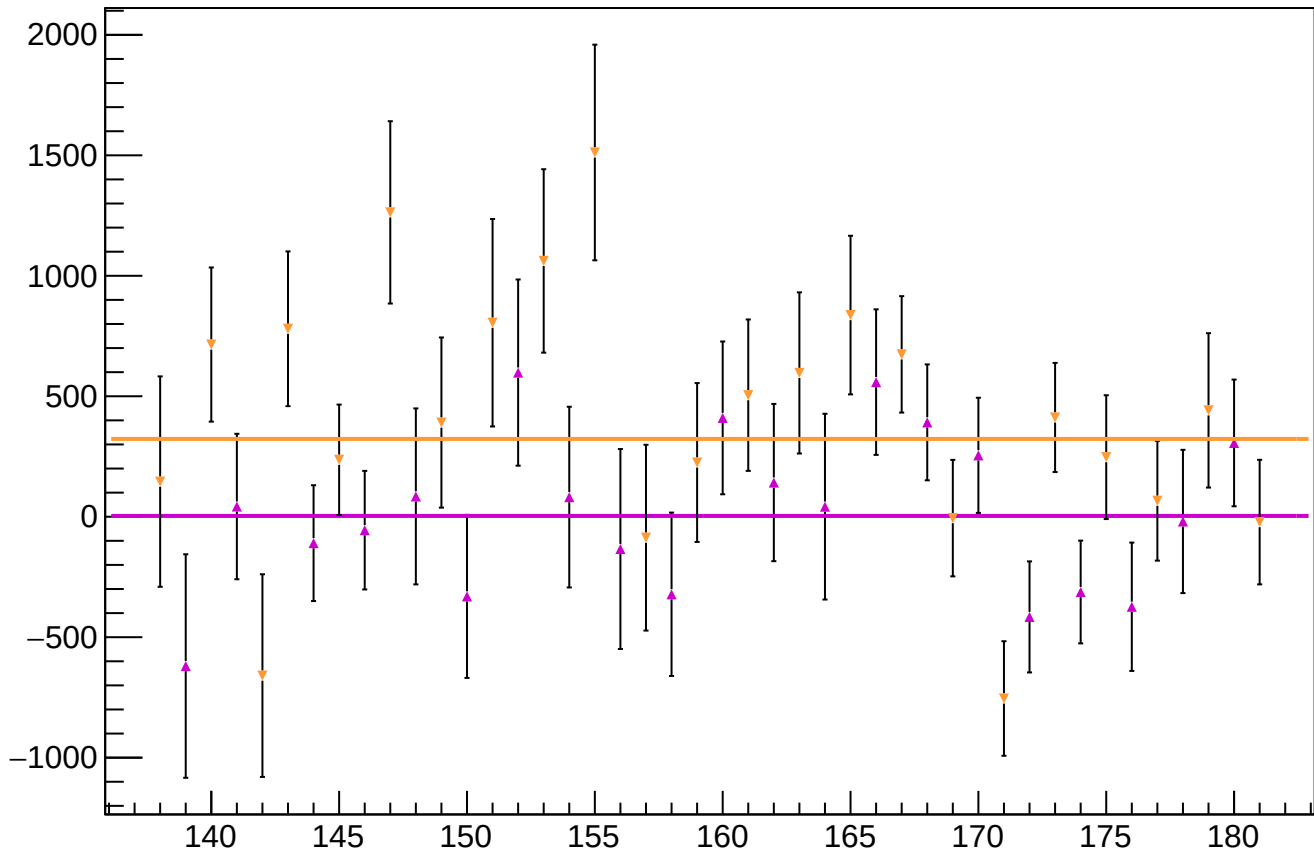
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.401+/-0.044 χ^2/NDF :1484439.9/20

Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

All: 246.547+/-0.031 χ^2/NDF : 3174374.4/43

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 322.928+/-62.818 χ^2/NDF :60.0/22

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: 165.323+/-44.724 χ^2/NDF : 97.1/43

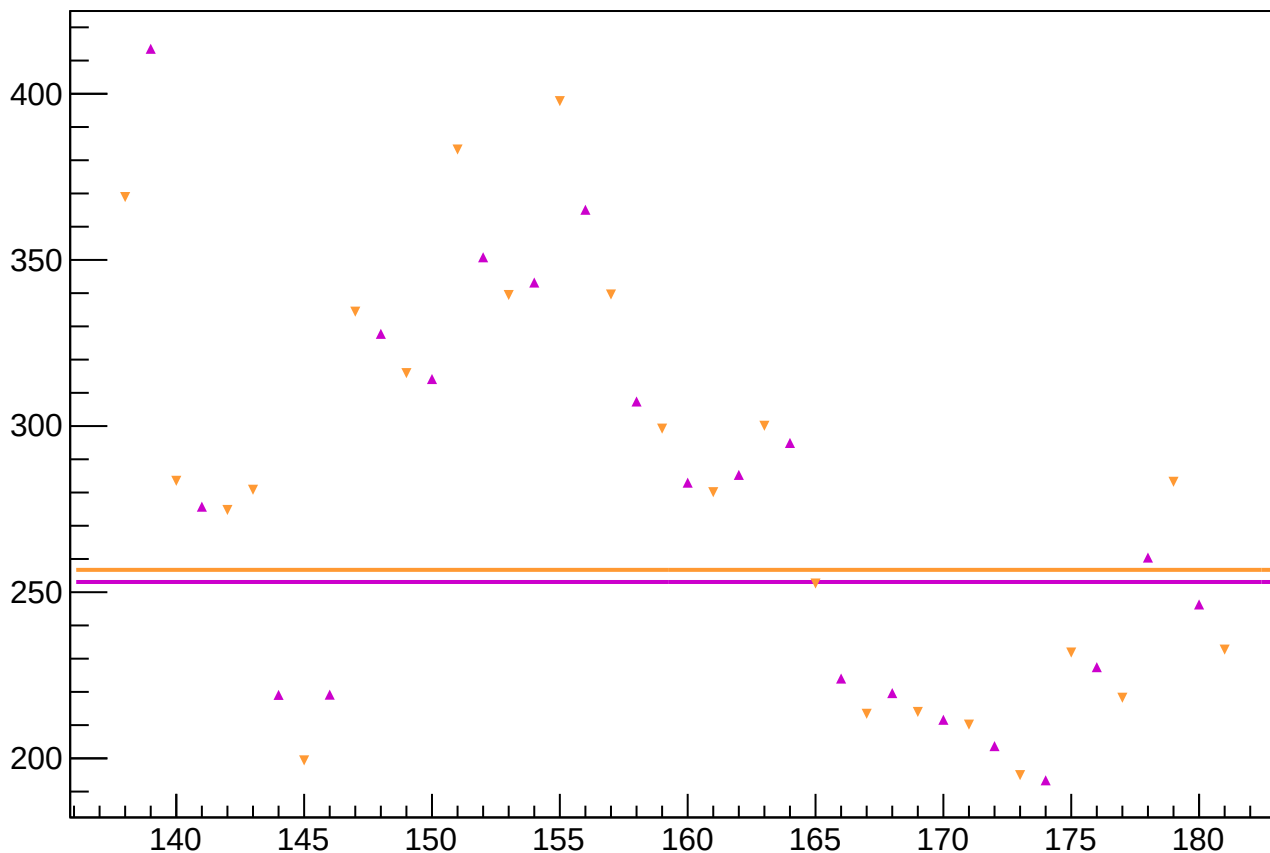
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.312+/-63.690 χ^2/NDF :24.3/20

Out: 322.928+/-62.818 χ^2/NDF :60.0/22

All: 165.323+/-44.724 χ^2/NDF : 97.1/43

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

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: 254.926+/-0.032 χ^2/NDF : 2882491.3/43

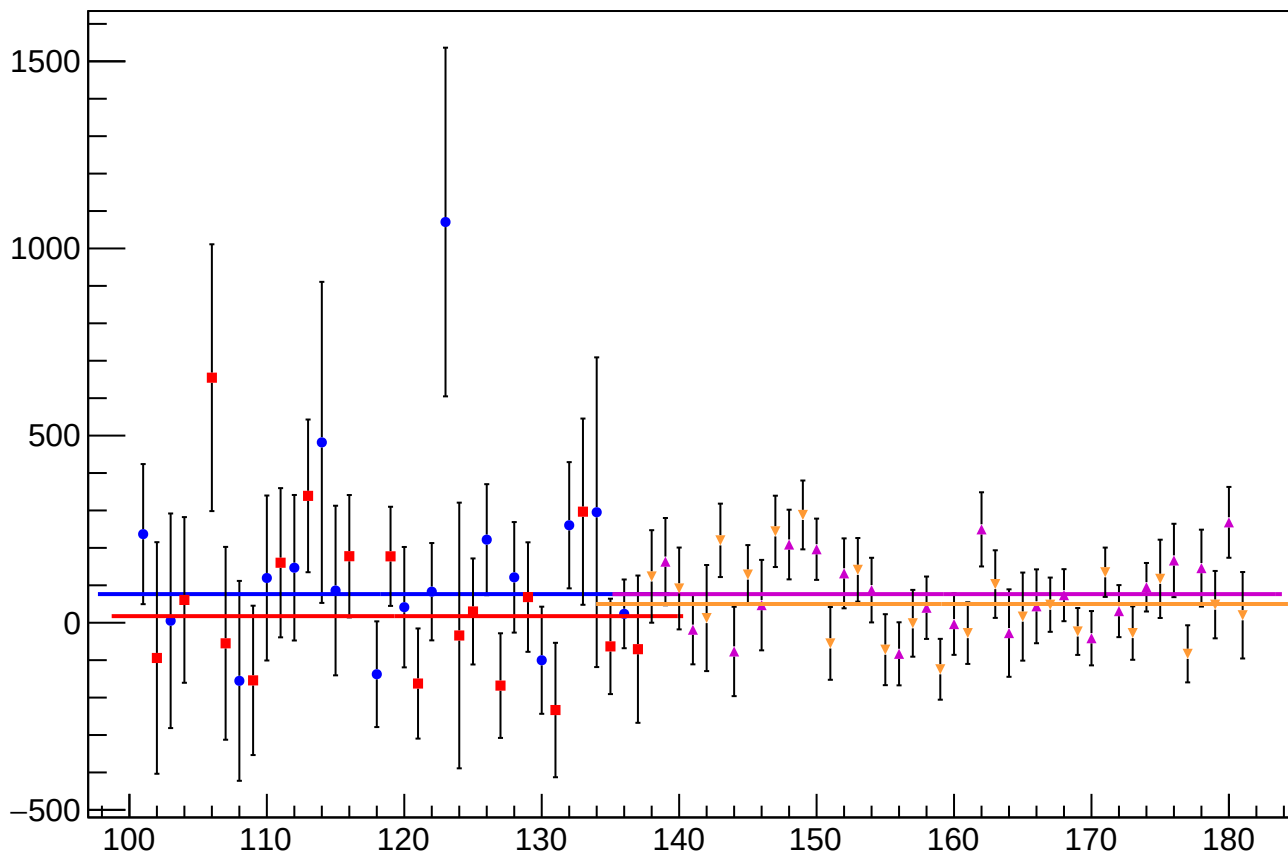
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.076+/-0.045 χ^2/NDF :1365800.1/20

Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

All: 254.926+/-0.032 χ^2/NDF : 2882491.3/43

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: 50.064 $\pm$ 18.257 χ^2 /NDF:33.4/22

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: 62.580 $\pm$ 13.240 χ^2 /NDF: 59.5/43

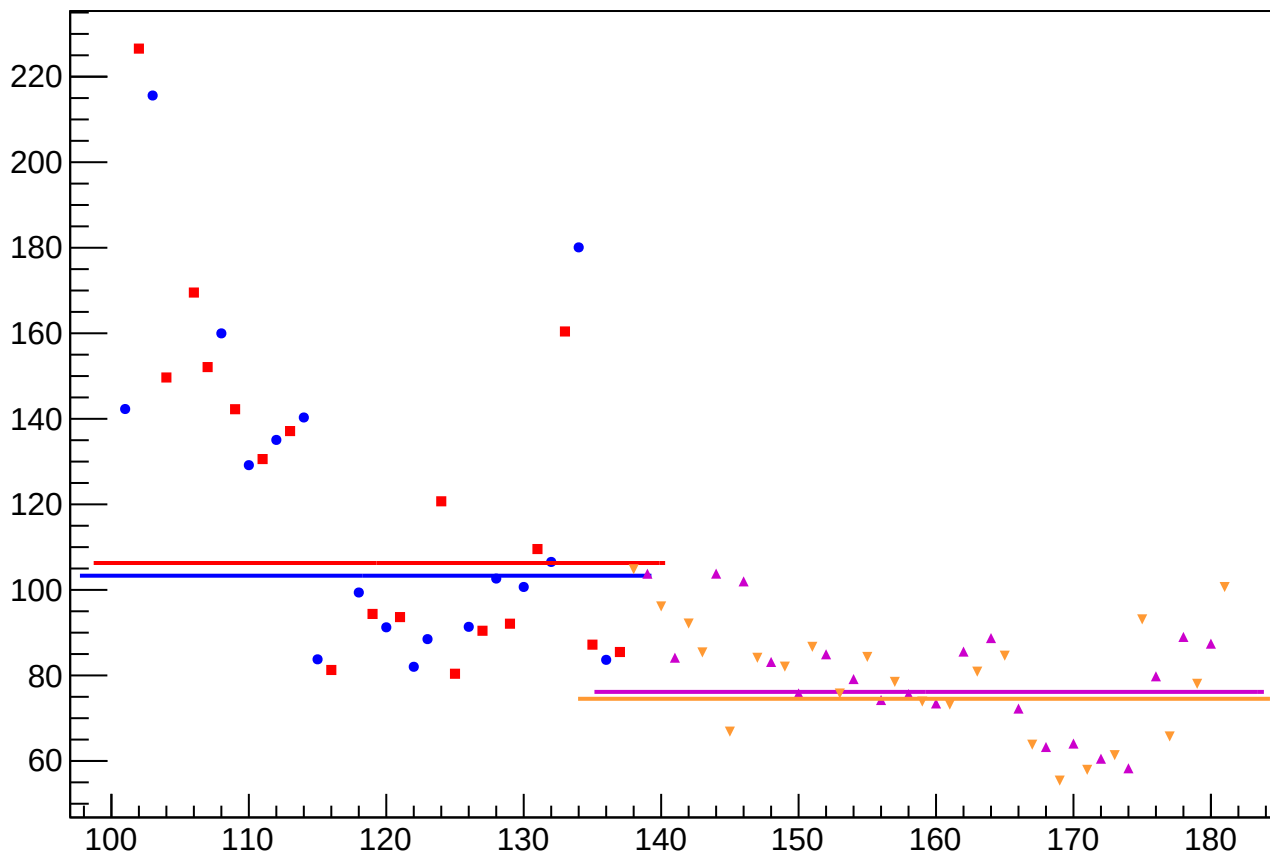
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 76.468 $\pm$ 17.450 χ^2 /NDF:39.0/37

Out: 44.966 $\pm$ 16.763 χ^2 /NDF:50.7/40

All: 60.085 $\pm$ 12.089 χ^2 /NDF: 91.4/78

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.538 $\pm$ 0.013 χ^2 /NDF:1008651.4/22

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 76.152 $\pm$ 0.014 χ^2 /NDF:844611.6/20

Left: 75.303 $\pm$ 0.009 χ^2 /NDF: 1860673.9/43

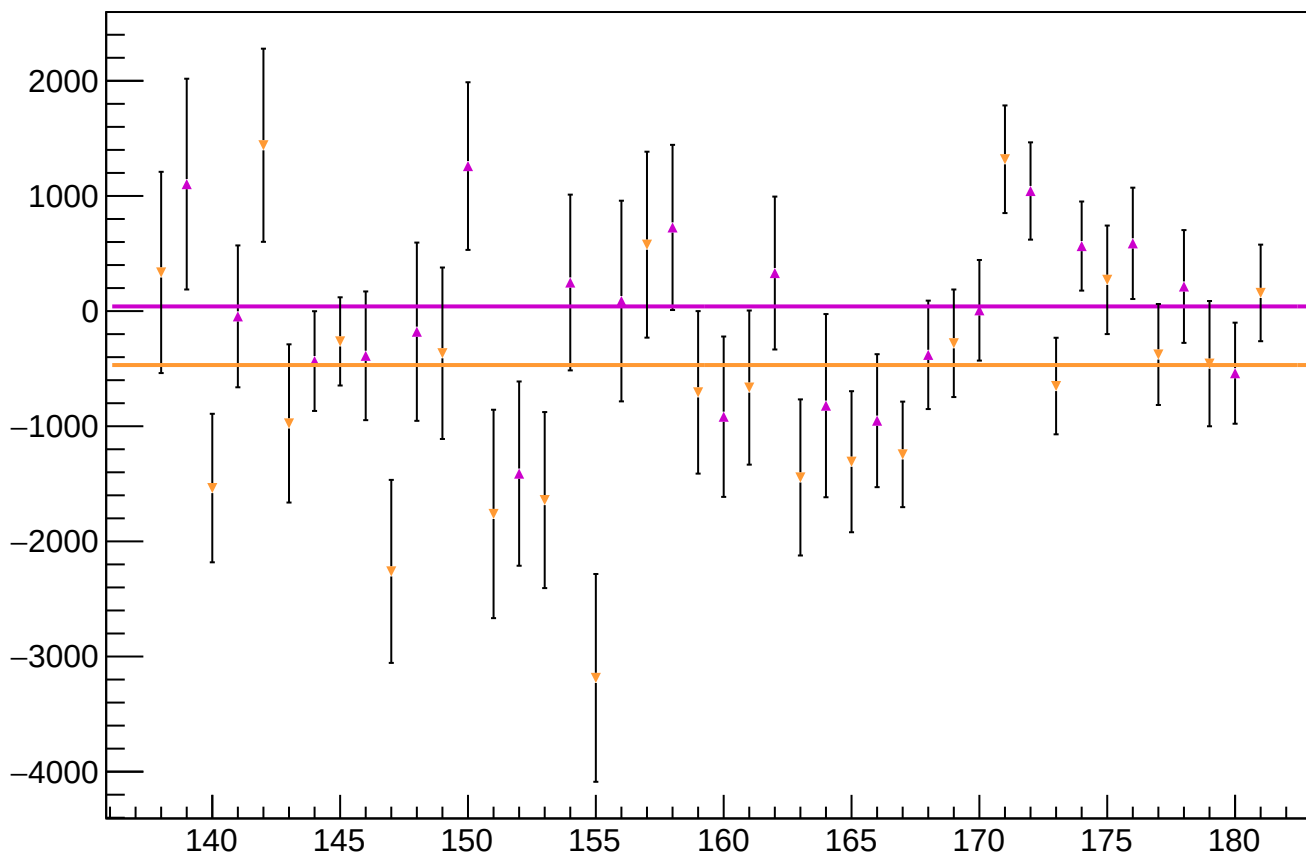
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 80.941 $\pm$ 0.012 χ^2 /NDF:2386365.8/37

Out: 79.524 $\pm$ 0.012 χ^2 /NDF:2959355.1/40

All: 80.204 $\pm$ 0.009 χ^2 /NDF: 5352580.8/78

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -468.490+/-119.006 χ^2/NDF :56.6/22

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: -220.561+/-85.237 χ^2/NDF : 93.4/43

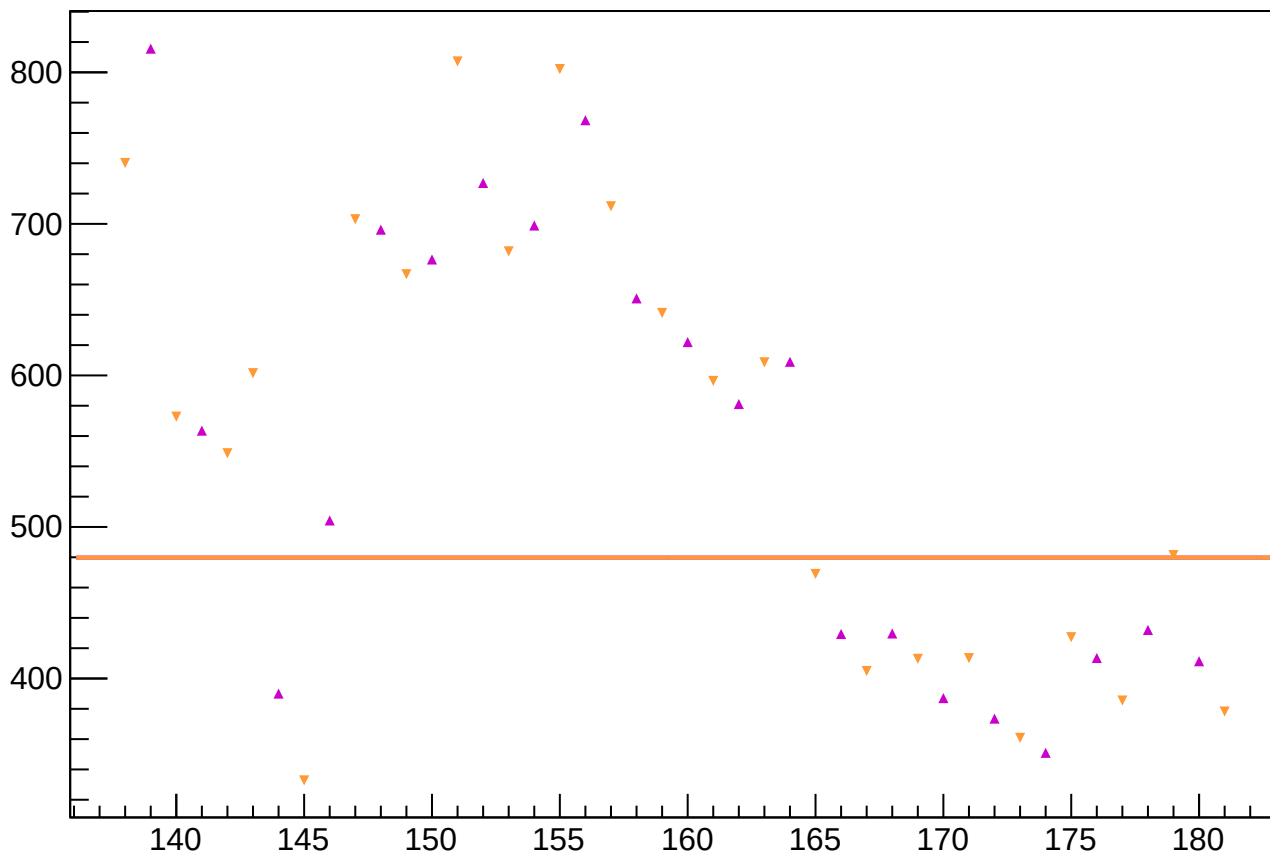
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.598+/-122.141 χ^2/NDF :28.0/20

Out: -468.490+/-119.006 χ^2/NDF :56.6/22

All: -220.561+/-85.237 χ^2/NDF : 93.4/43

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

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: 479.800+/-0.060 χ^2/NDF : 4615054.6/43

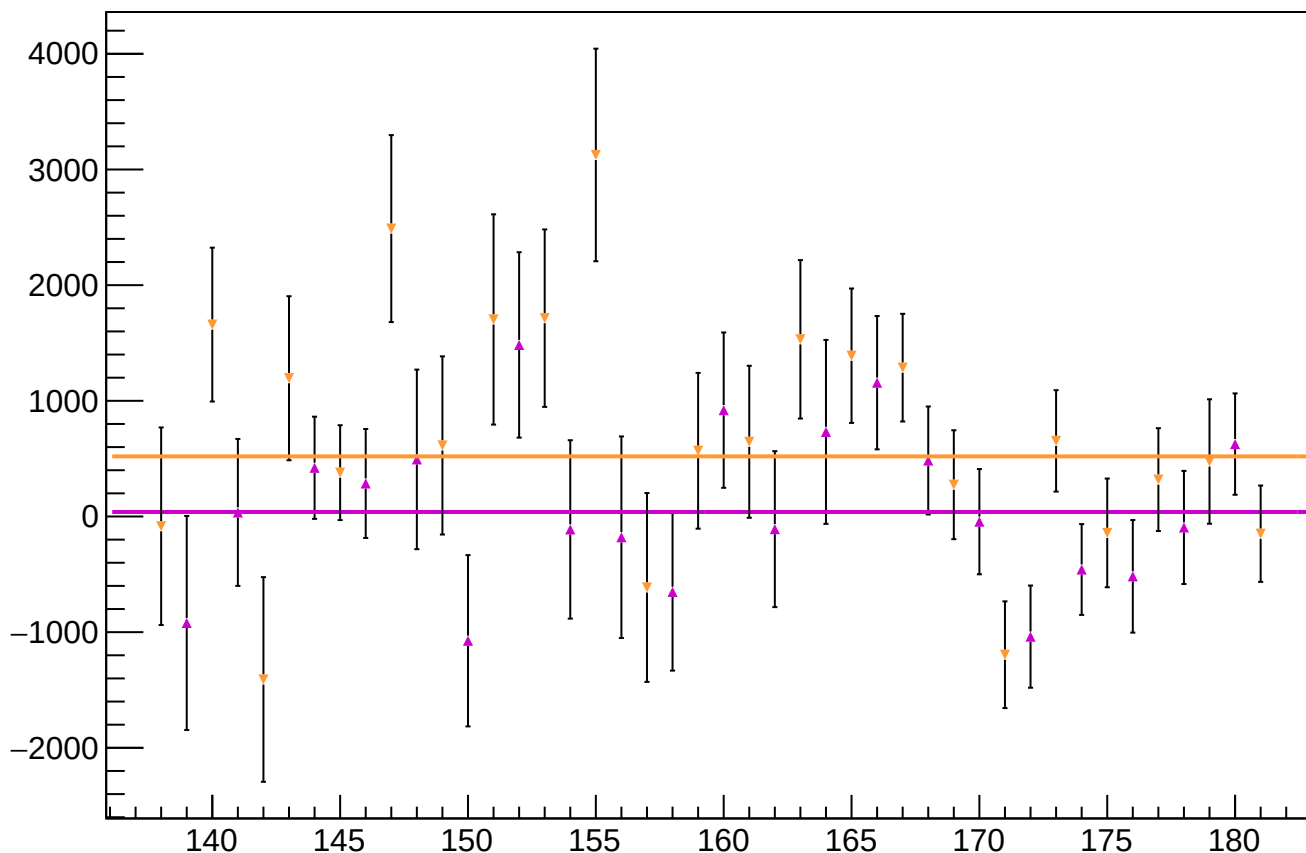
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.801+/-0.086 χ^2/NDF :2151100.7/20

Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

All: 479.800+/-0.060 χ^2/NDF : 4615054.6/43

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 519.805+/-120.288 χ^2/NDF :55.4/22

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: 282.944+/-85.673 χ^2/NDF : 90.3/43

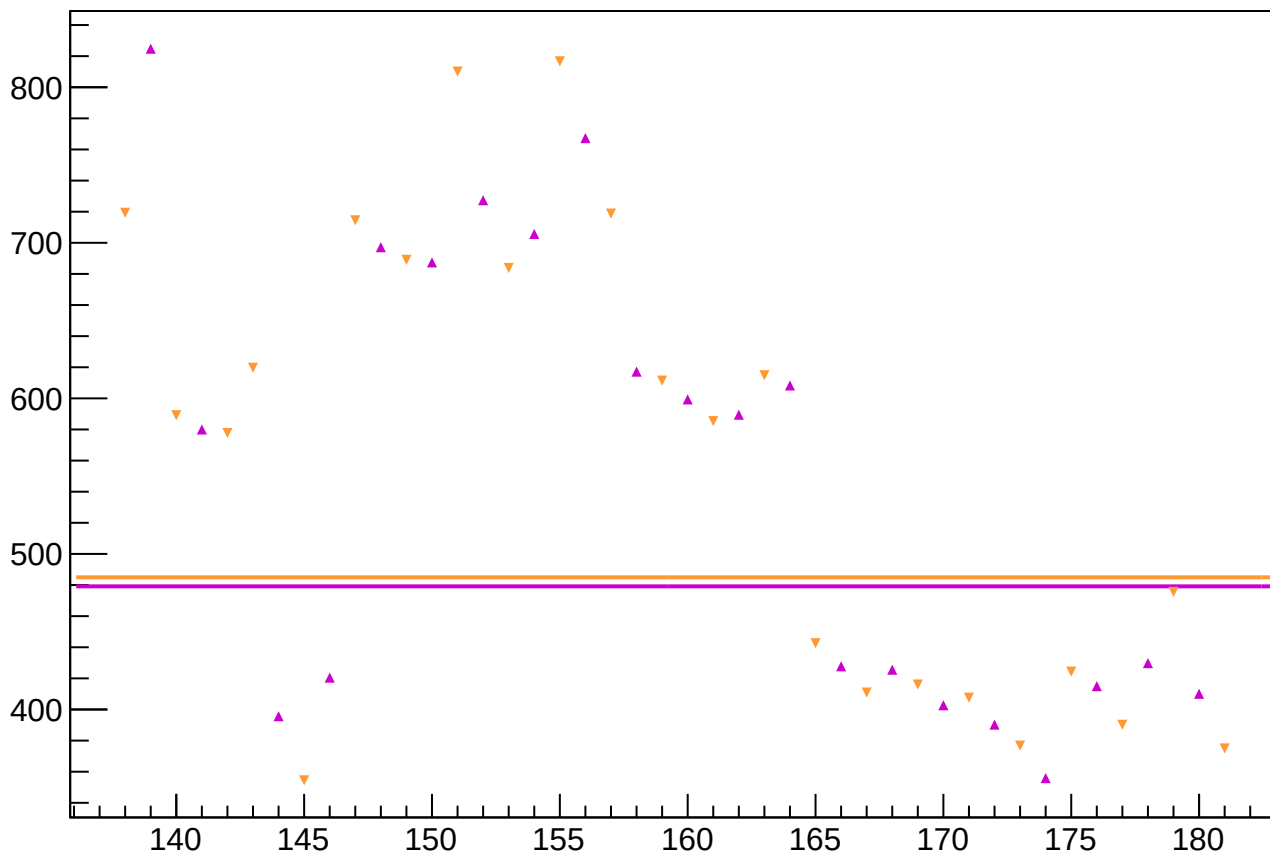
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.092+/-122.050 χ^2/NDF :27.0/20

Out: 519.805+/-120.288 χ^2/NDF :55.4/22

All: 282.944+/-85.673 χ^2/NDF : 90.3/43

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

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: 482.100+/-0.061 χ^2/NDF : 4416547.3/43

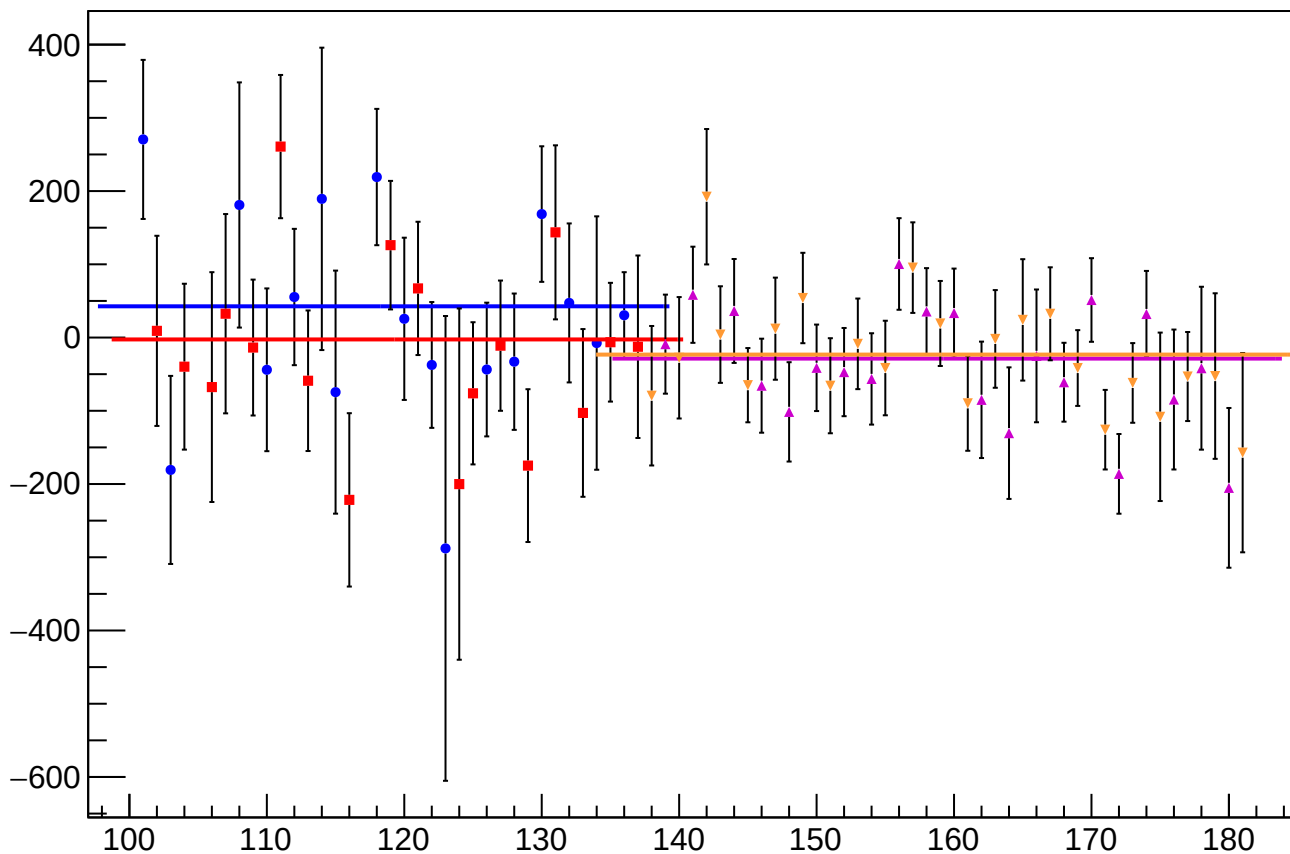
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 479.152+/-0.086 χ^2/NDF :2065382.8/20

Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

All: 482.100+/-0.061 χ^2/NDF : 4416547.3/43

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2/NDF : 18.9/16

Left Out: -23.281 $\pm$ 13.945 χ^2/NDF :21.5/22

Right Out: -2.576 $\pm$ 25.088 χ^2/NDF : 20.4/17

Left In: -28.749 $\pm$ 14.588 χ^2/NDF :27.5/20

Left: -25.892 $\pm$ 10.080 χ^2/NDF : 49.1/43

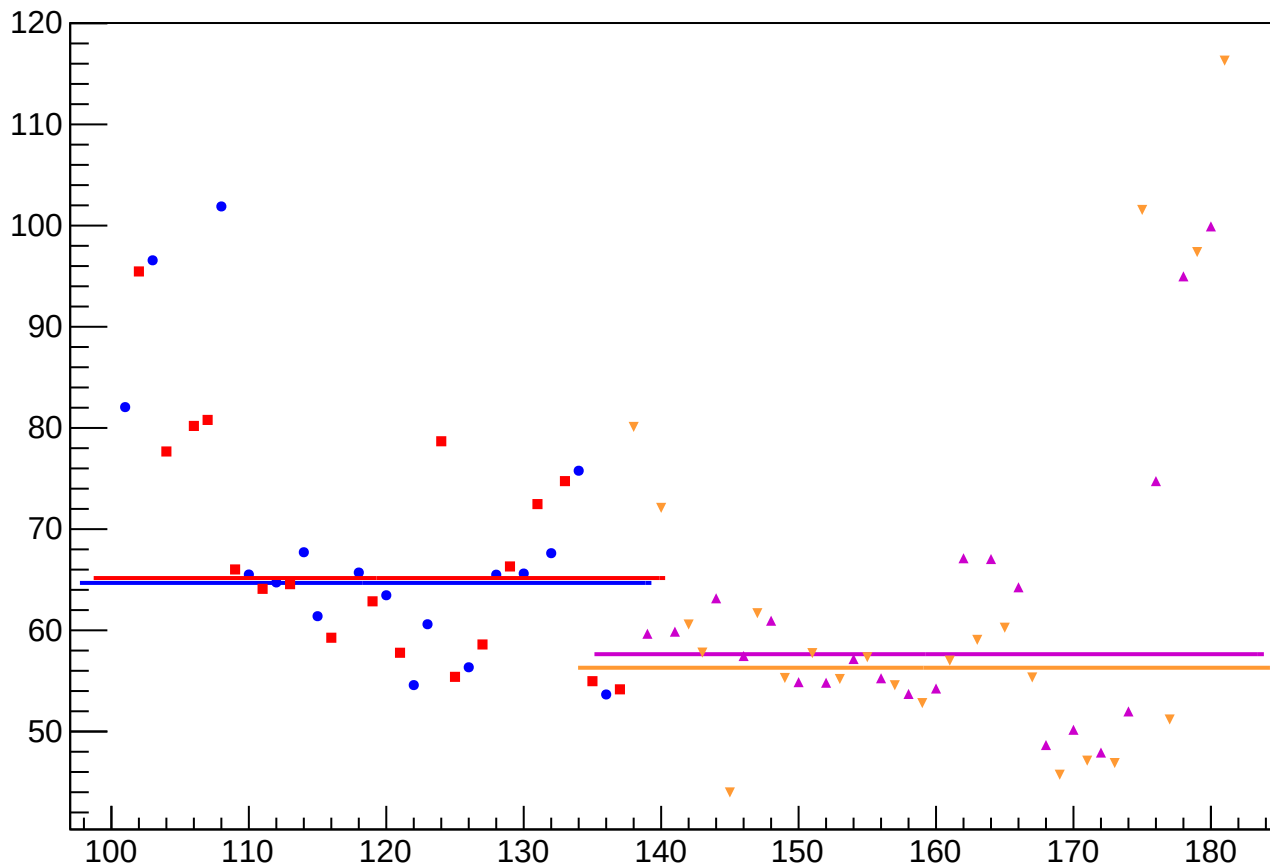
Right: 19.683 $\pm$ 17.879 χ^2/NDF : 40.9/34

In: -11.128 $\pm$ 12.661 χ^2/NDF :52.3/37

Out: -18.394 $\pm$ 12.188 χ^2/NDF :42.5/40

All: -14.899 $\pm$ 8.781 χ^2/NDF : 94.9/78

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: 56.302 $\pm$ 0.010 χ^2 /NDF:1530528.4/22

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: 56.942 $\pm$ 0.007 χ^2 /NDF: 2410481.4/43

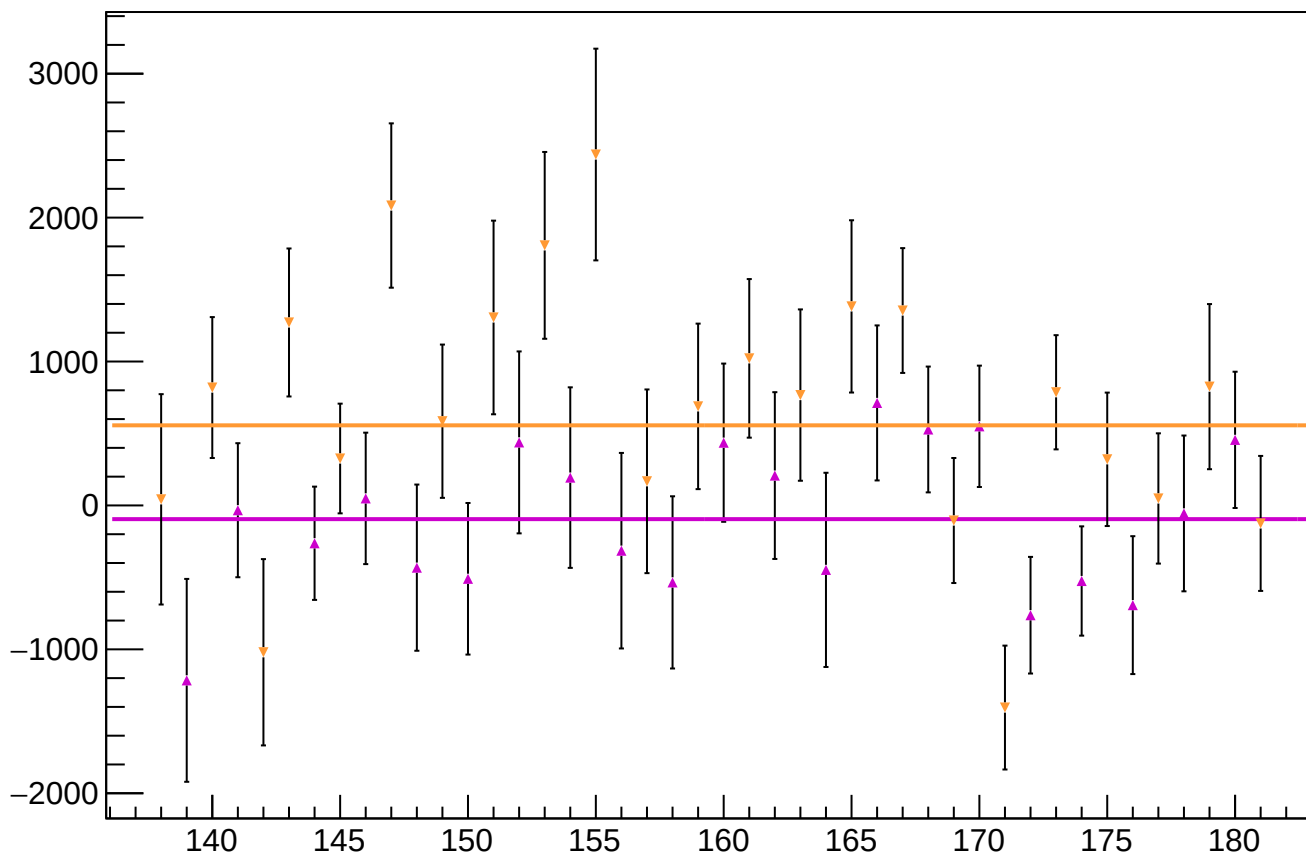
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.380 $\pm$ 0.009 χ^2 /NDF:1386372.2/37

Out: 58.395 $\pm$ 0.009 χ^2 /NDF:2025894.7/40

All: 58.869 $\pm$ 0.006 χ^2 /NDF: 3418560.8/78

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: 556.576+/-107.838 χ^2/NDF : 61.5/22

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: 237.357+/-77.032 χ^2/NDF : 99.7/43

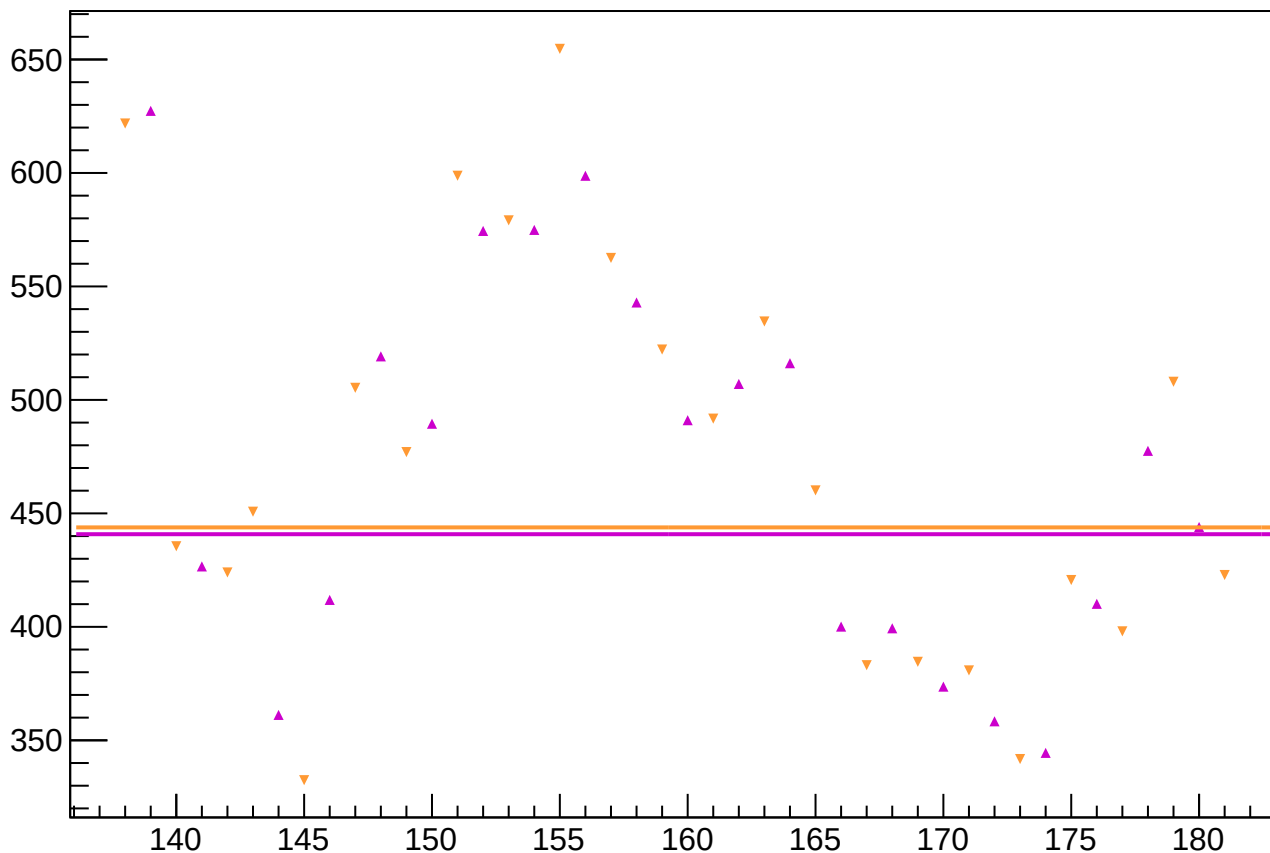
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.248+/-110.075 χ^2/NDF : 20.4/20

Out: 556.576+/-107.838 χ^2/NDF : 61.5/22

All: 237.357+/-77.032 χ^2/NDF : 99.7/43

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: 443.824+/-0.076 χ^2/NDF :1156166.5/22

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: 442.354+/-0.054 χ^2/NDF : 2166806.1/43

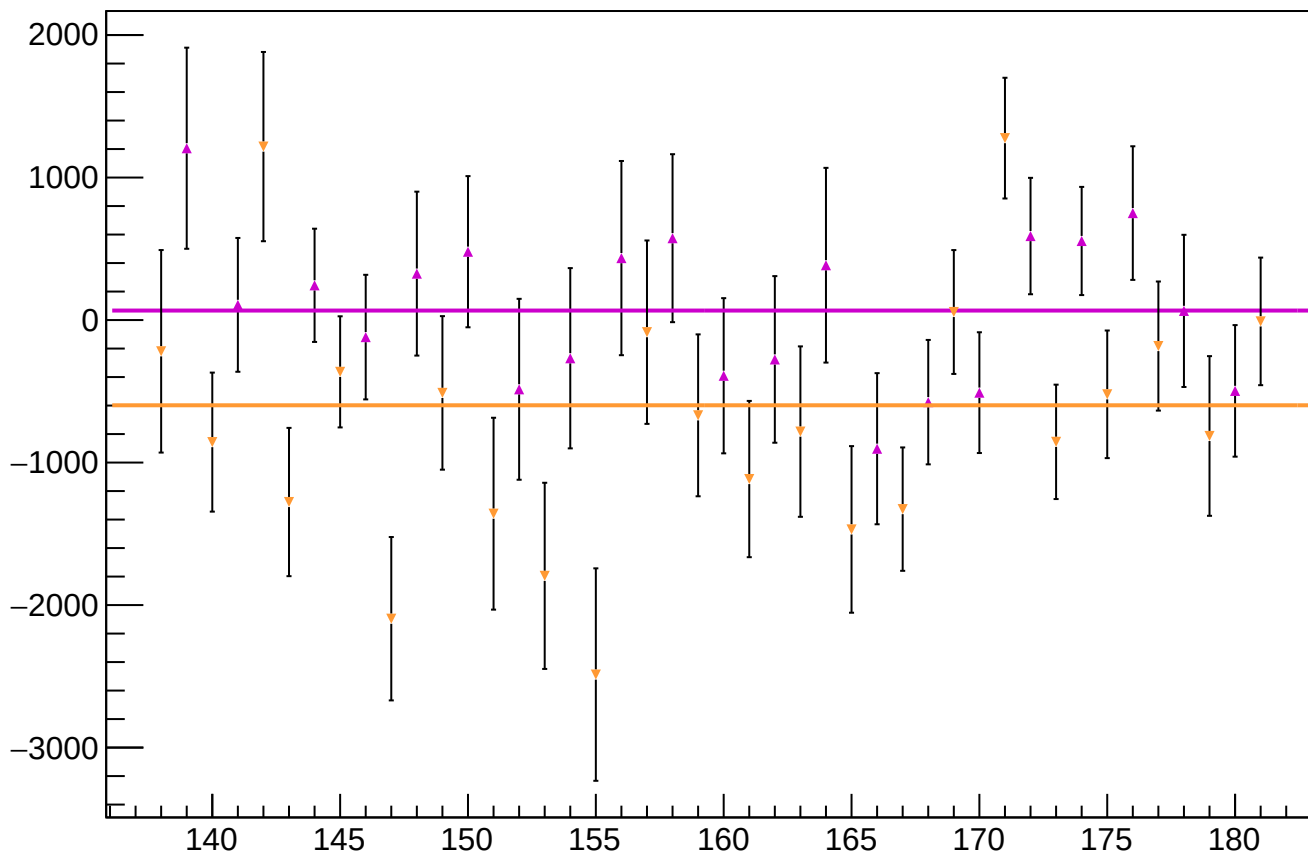
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.822+/-0.078 χ^2/NDF :1009880.5/20

Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

All: 442.354+/-0.054 χ^2/NDF : 2166806.1/43

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -598.058+/-107.473 χ^2/NDF :59.7/22

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: -272.276+/-76.746 χ^2/NDF : 99.9/43

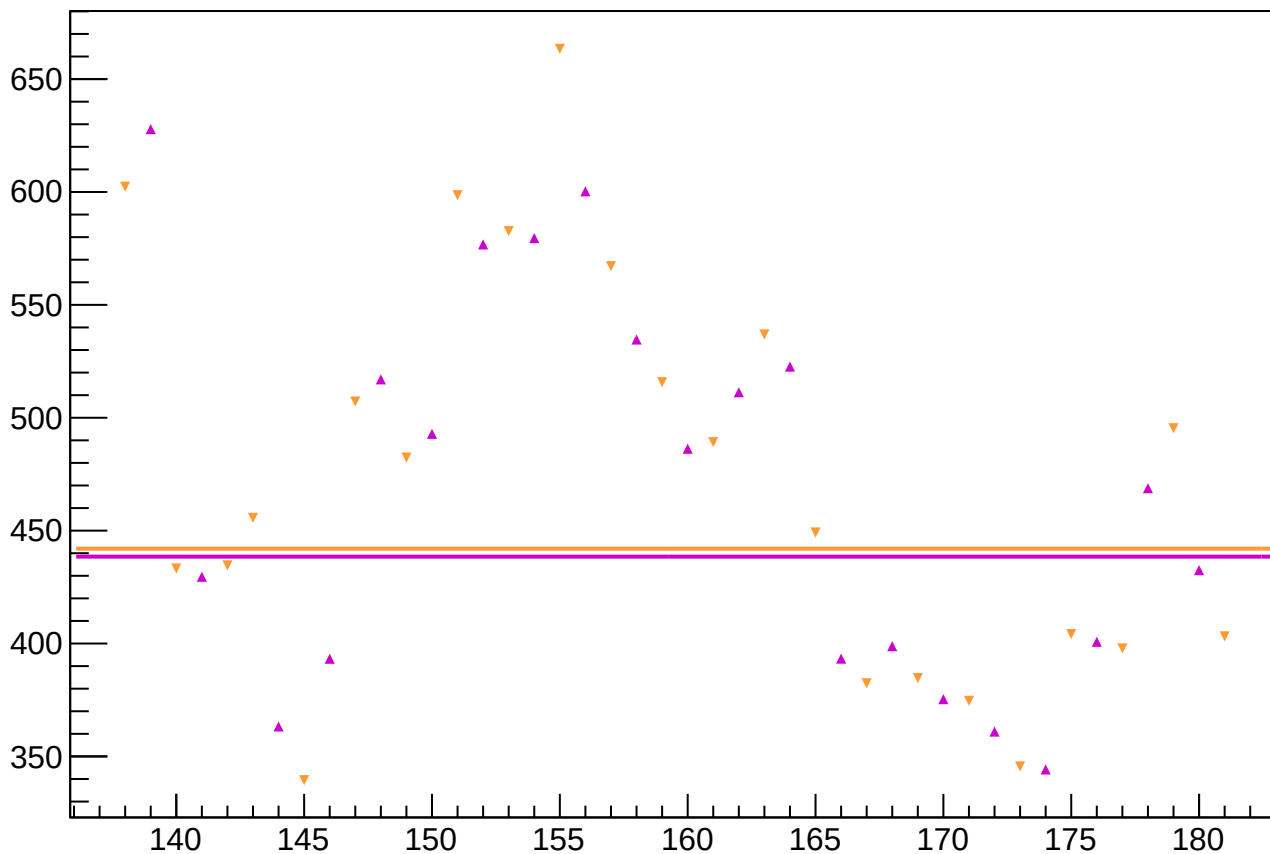
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 66.709+/-109.629 χ^2/NDF :21.4/20

Out: -598.058+/-107.473 χ^2/NDF :59.7/22

All: -272.276+/-76.746 χ^2/NDF : 99.9/43

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

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: 440.292+/-0.054 χ^2/NDF : 2161858.6/43

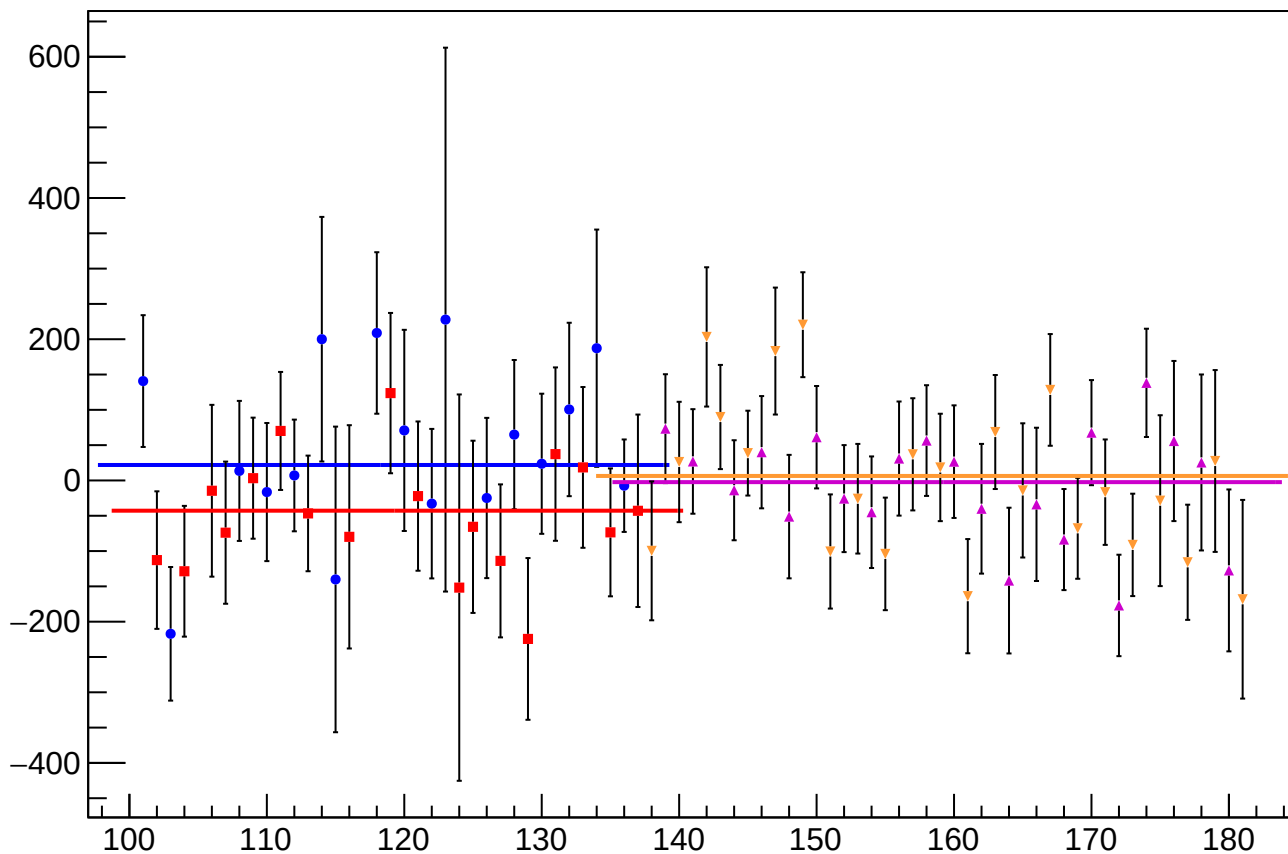
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.494+/-0.078 χ^2/NDF :1023864.8/20

Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

All: 440.292+/-0.054 χ^2/NDF : 2161858.6/43

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: 6.380 $\pm$ 17.177 χ^2 /NDF:37.3/22

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: 2.201 $\pm$ 12.421 χ^2 /NDF: 56.2/43

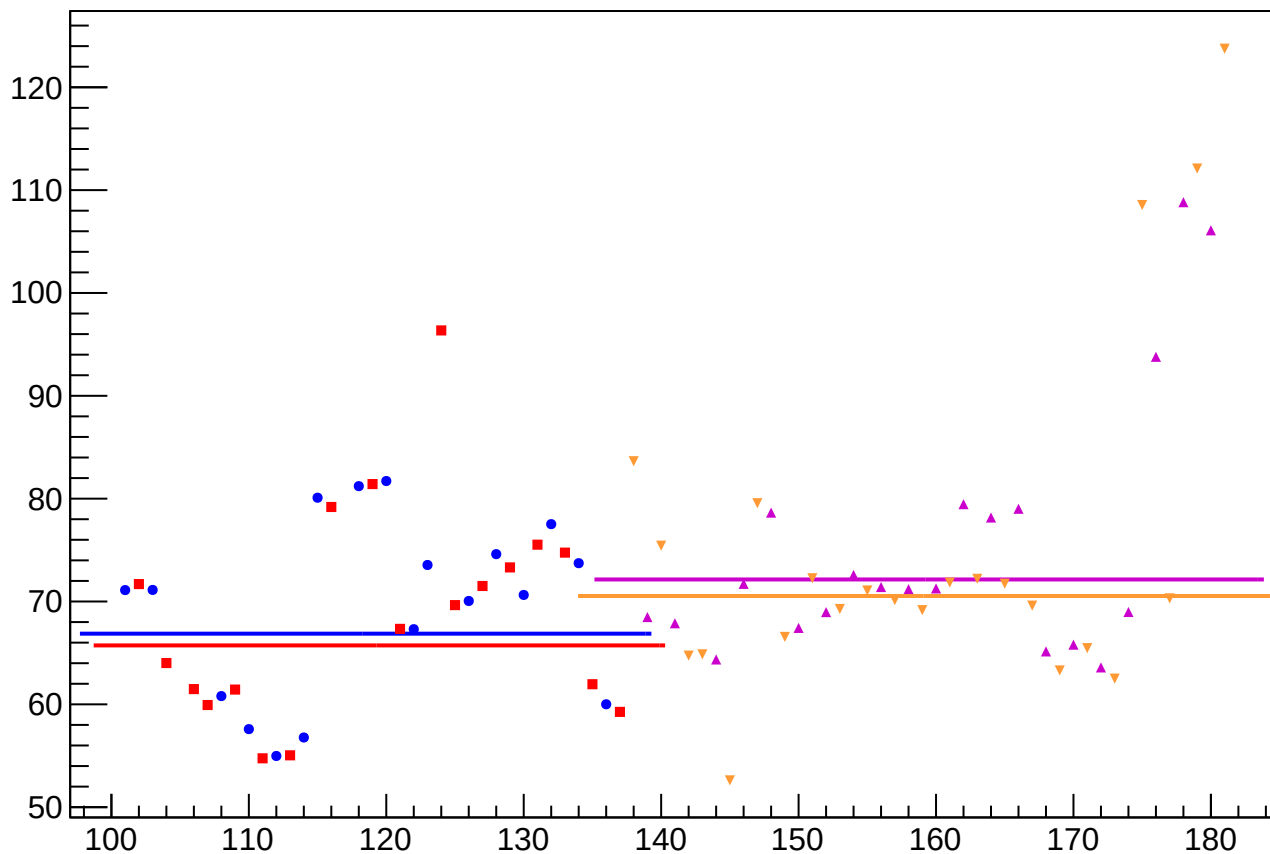
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 5.457 $\pm$ 14.800 χ^2 /NDF:34.5/37

Out: -9.298 $\pm$ 14.178 χ^2 /NDF:49.8/40

All: -2.237 $\pm$ 10.238 χ^2 /NDF: 84.8/78

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: 70.535 $\pm$ 0.012 χ^2 /NDF: 1015396.0/22

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: 71.302 $\pm$ 0.009 χ^2 /NDF: 1597355.3/43

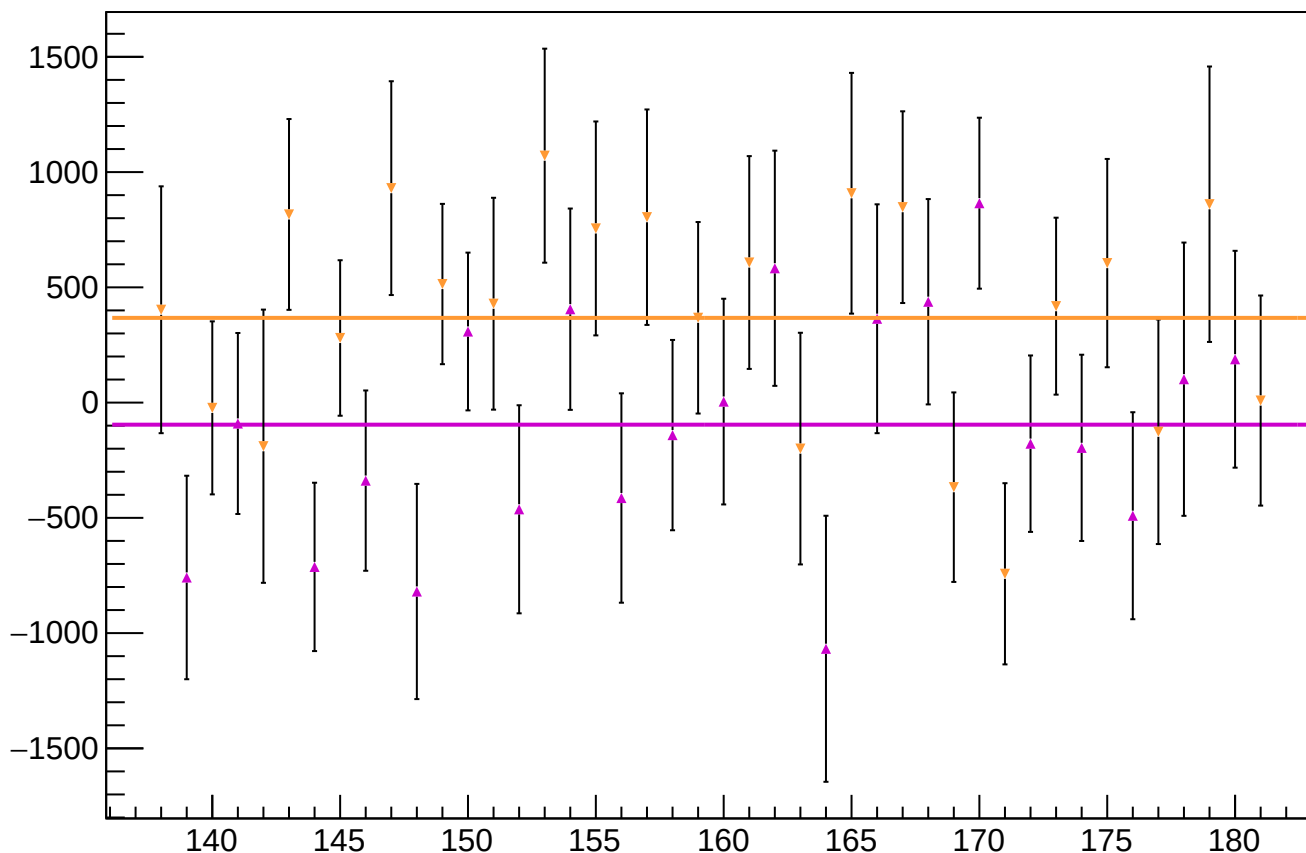
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 70.442 $\pm$ 0.010 χ^2 /NDF: 831545.8/37

Out: 69.004 $\pm$ 0.010 χ^2 /NDF: 1284126.9/40

All: 69.692 $\pm$ 0.007 χ^2 /NDF: 2125514.9/78

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 367.548+/-91.526 χ^2/NDF :26.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -95.760+/-94.004 χ^2/NDF :26.8/20

Left: 142.081+/-65.577 χ^2/NDF : 65.8/43

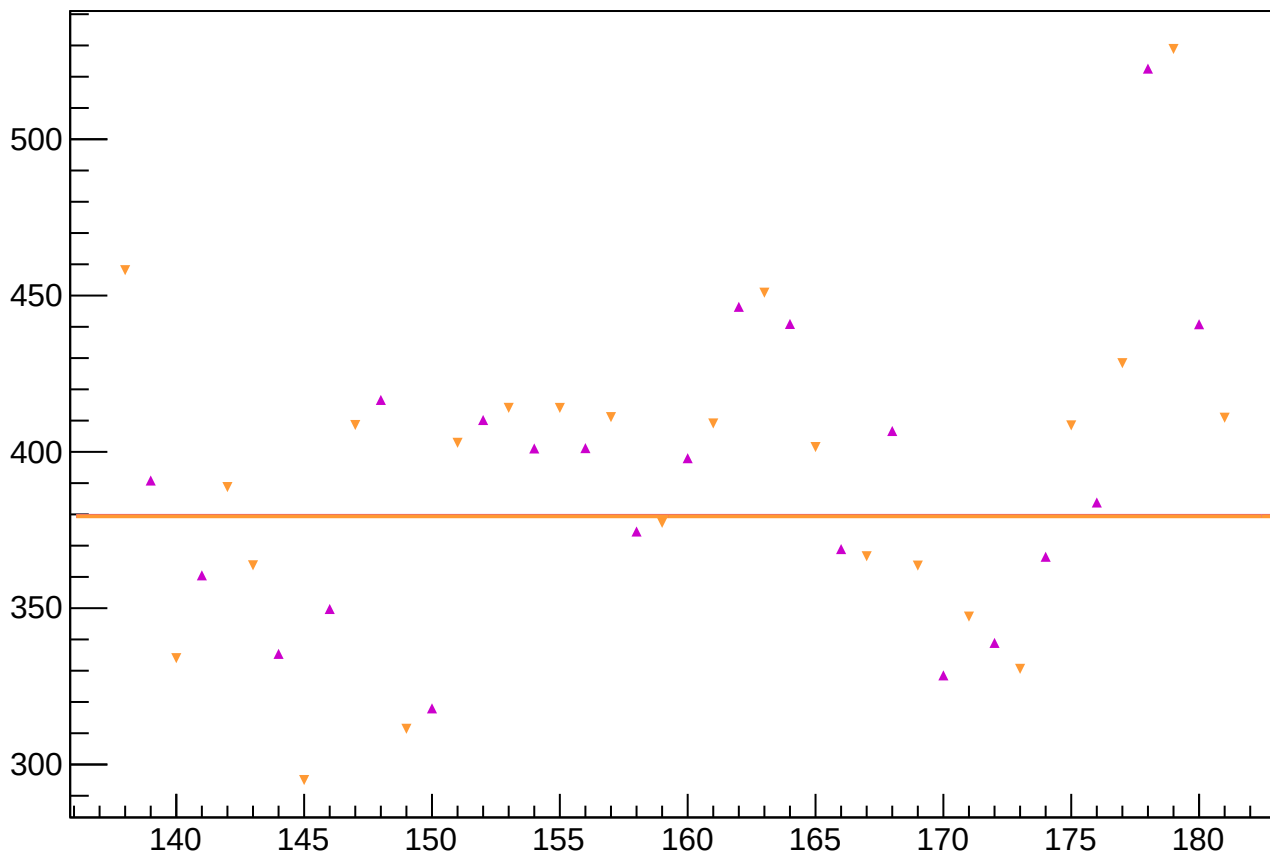
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -95.760+/-94.004 χ^2/NDF :26.8/20

Out: 367.548+/-91.526 χ^2/NDF :26.5/22

All: 142.081+/-65.577 χ^2/NDF : 65.8/43

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: 379.414+/-0.065 χ^2/NDF :588223.6/22

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: 379.460+/-0.046 χ^2/NDF : 1013289.4/43

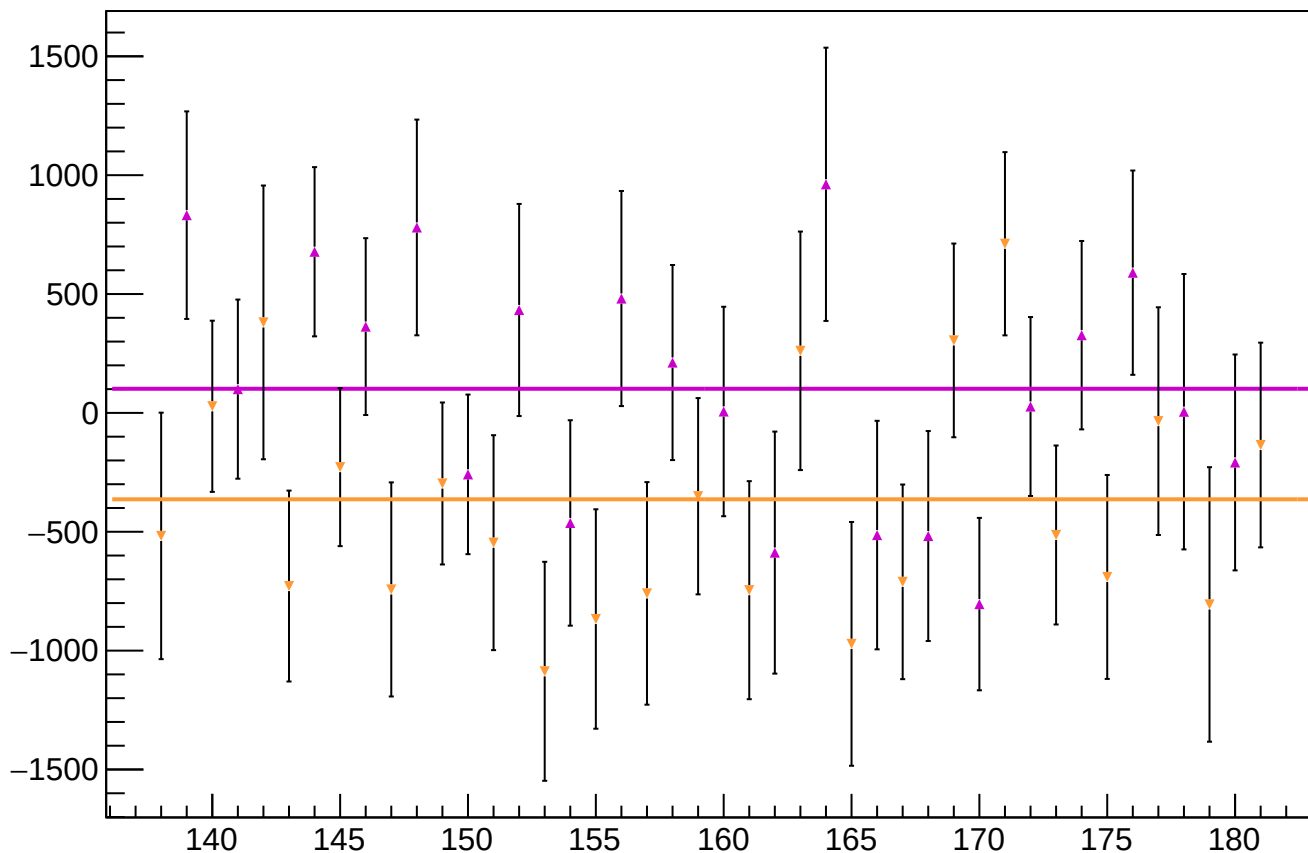
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 379.509+/-0.066 χ^2/NDF :425064.8/20

Out: 379.414+/-0.065 χ^2/NDF :588223.6/22

All: 379.460+/-0.046 χ^2/NDF : 1013289.4/43

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -363.373+/-89.627 χ^2/NDF :26.1/22

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: -137.017+/-64.201 χ^2/NDF : 67.7/43

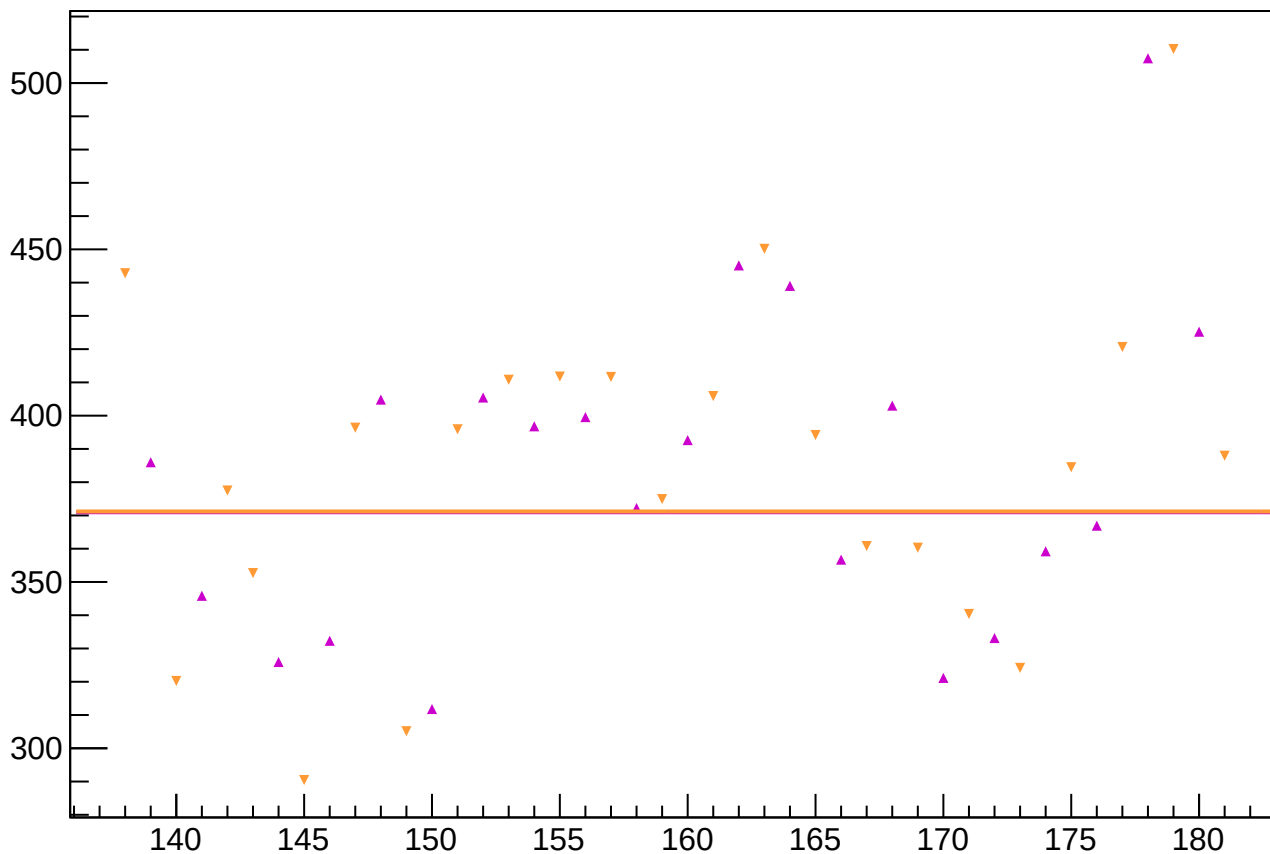
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 101.523+/-92.007 χ^2/NDF :28.5/20

Out: -363.373+/-89.627 χ^2/NDF :26.1/22

All: -137.017+/-64.201 χ^2/NDF : 67.7/43

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.197+/-0.063 χ^2/NDF :587519.3/22

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: 371.085+/-0.045 χ^2/NDF : 1039957.7/43

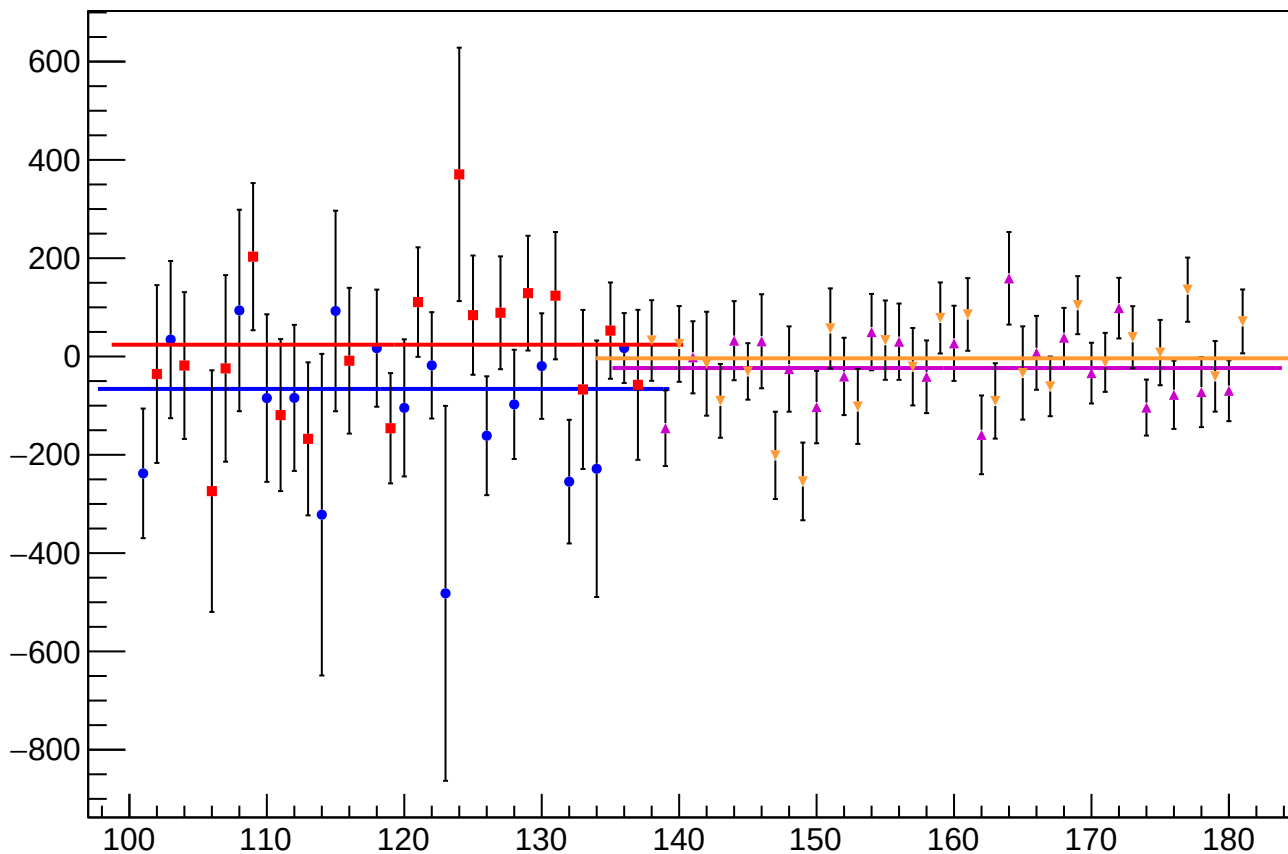
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 370.968+/-0.065 χ^2/NDF :452432.0/20

Out: 371.197+/-0.063 χ^2/NDF :587519.3/22

All: 371.085+/-0.045 χ^2/NDF : 1039957.7/43

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: -3.676 ± 15.001 χ^2/NDF : 34.4/22

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: -13.048 ± 10.884 χ^2/NDF : 57.1/43

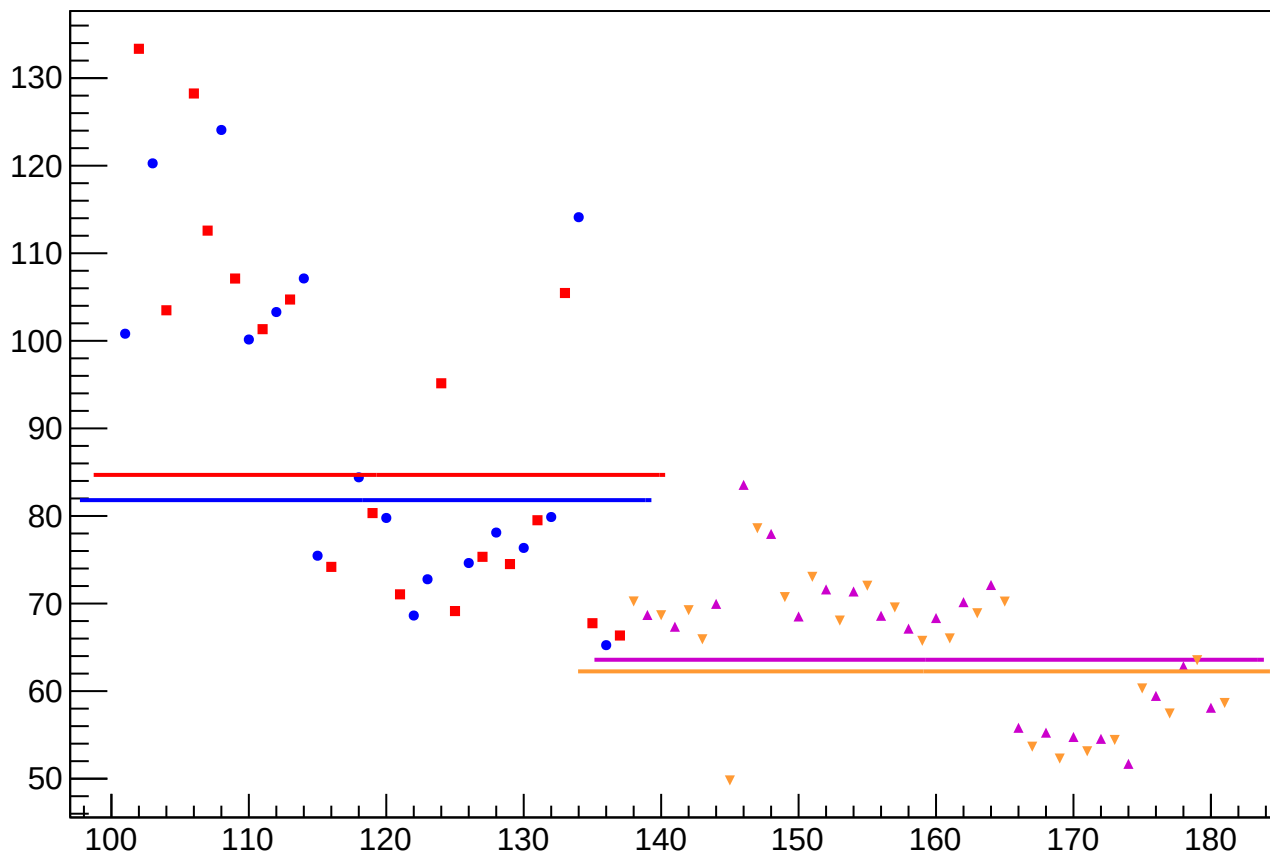
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -31.690 ± 14.203 χ^2/NDF : 34.1/37

Out: 1.110 ± 13.641 χ^2/NDF : 47.9/40

All: -14.628 ± 9.838 χ^2/NDF : 84.8/78

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: 62.254 $\pm$ 0.011 χ^2 /NDF: 556388.8/22

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: 62.883 $\pm$ 0.008 χ^2 /NDF: 1085929.8/43

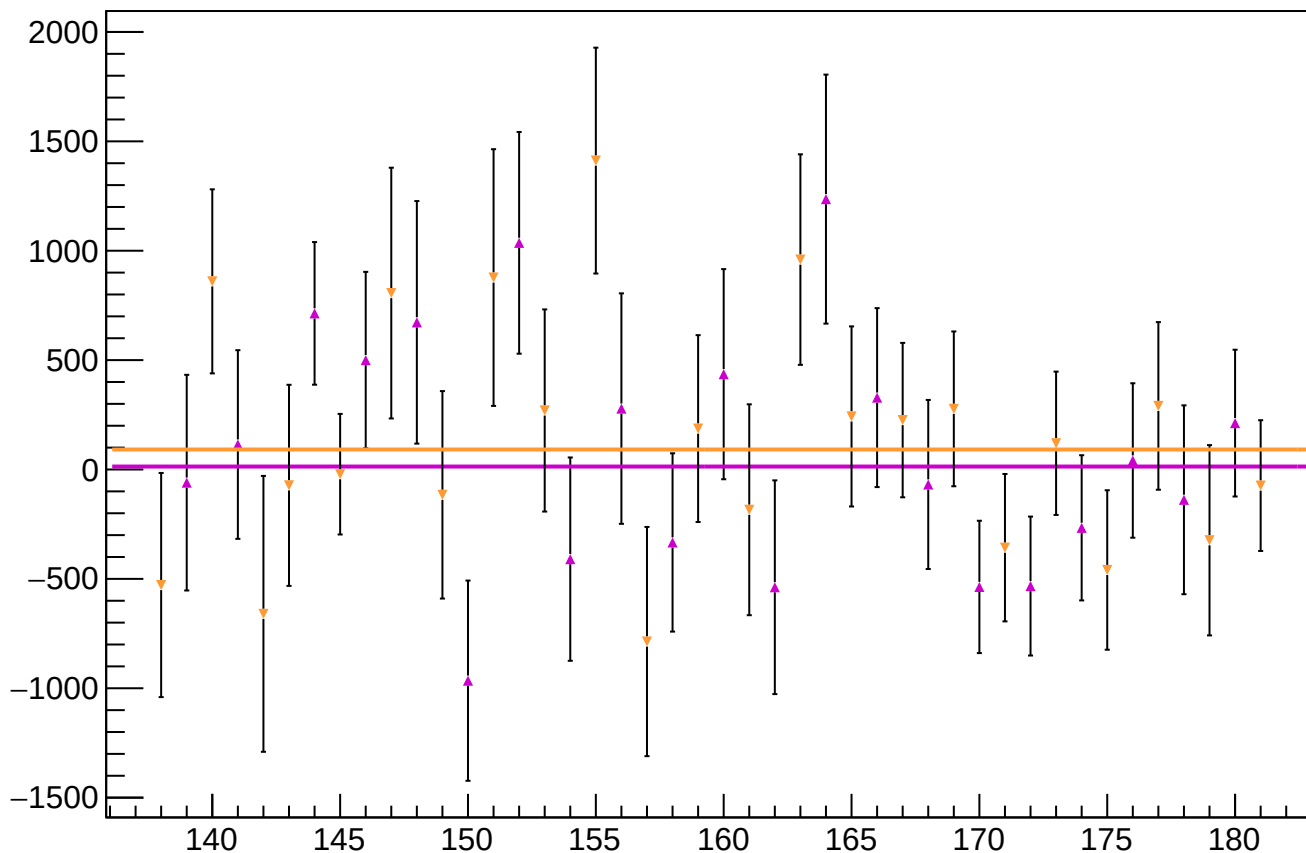
Right: 83.228 $\pm$ 0.016 χ^2 /NDF: 1130968.2/34

In: 67.108 $\pm$ 0.010 χ^2 /NDF: 1543329.2/37

Out: 66.137 $\pm$ 0.010 χ^2 /NDF: 1946657.3/40

All: 66.603 $\pm$ 0.007 χ^2 /NDF: 3494847.0/78

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: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

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: 53.819 $\pm$ 61.422 χ^2 /NDF: 62.5/43

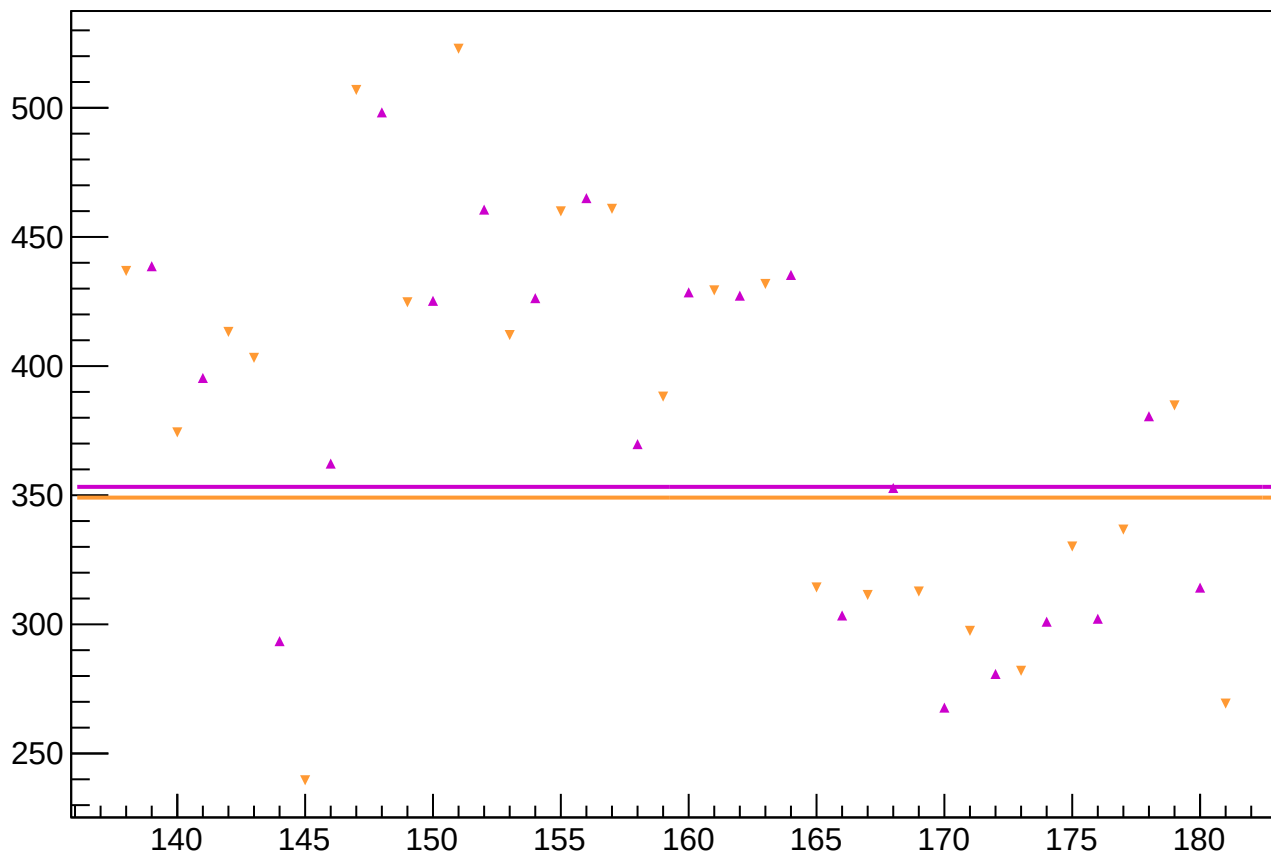
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.512 $\pm$ 88.483 χ^2 /NDF:32.8/20

Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

All: 53.819 $\pm$ 61.422 χ^2 /NDF: 62.5/43

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: 349.080+/-0.060 χ^2/NDF :1512055.4/22

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: 351.083+/-0.043 χ^2/NDF : 2637256.0/43

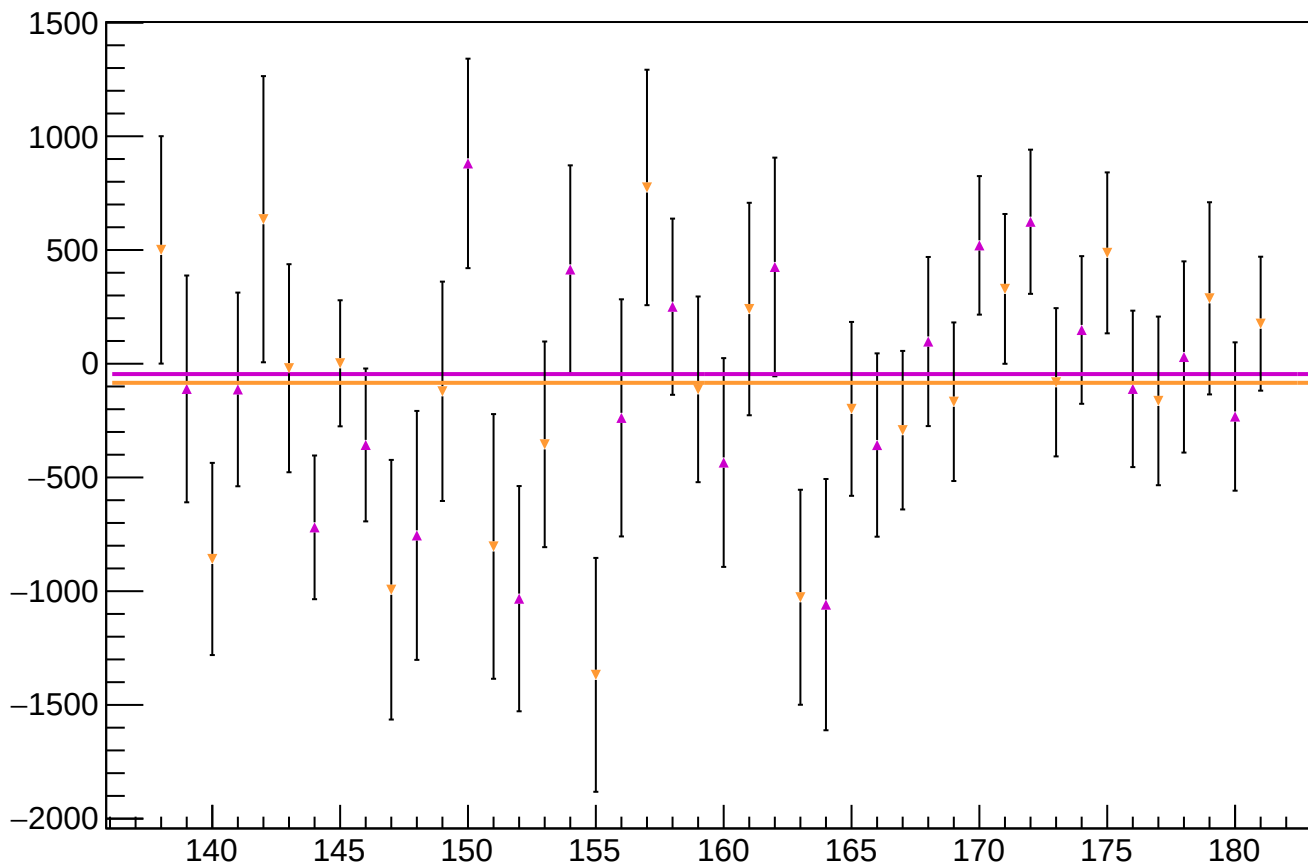
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 353.236+/-0.063 χ^2/NDF :1122914.3/20

Out: 349.080+/-0.060 χ^2/NDF :1512055.4/22

All: 351.083+/-0.043 χ^2/NDF : 2637256.0/43

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -83.937 ± 83.892 $\chi^2/\text{NDF}: 30.3/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -45.505 ± 86.012 $\chi^2/\text{NDF}: 31.3/20$

Left: -65.201 ± 60.056 $\chi^2/\text{NDF}: 61.8/43$

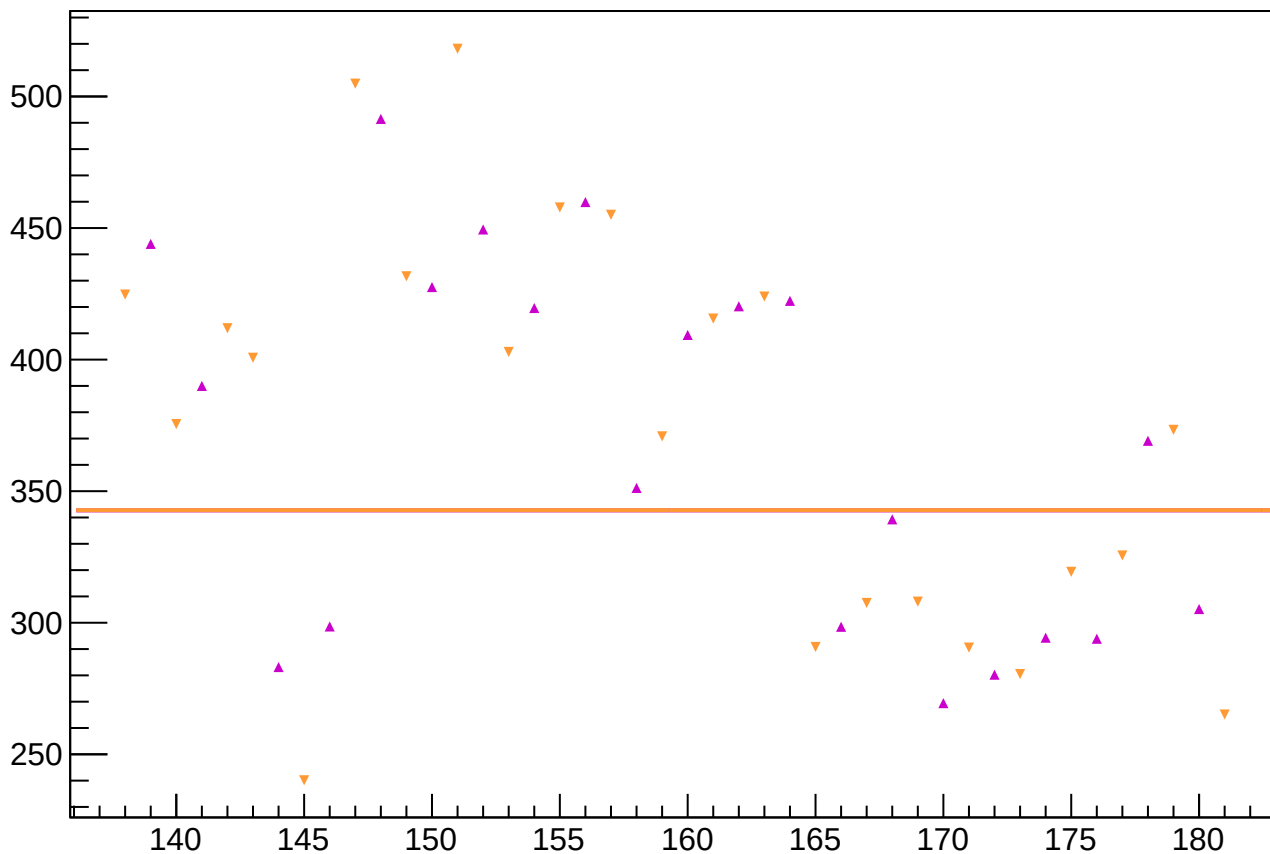
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -45.505 ± 86.012 $\chi^2/\text{NDF}: 31.3/20$

Out: -83.937 ± 83.892 $\chi^2/\text{NDF}: 30.3/22$

All: -65.201 ± 60.056 $\chi^2/\text{NDF}: 61.8/43$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

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: 342.745+/-0.042 χ^2/NDF : 2669999.3/43

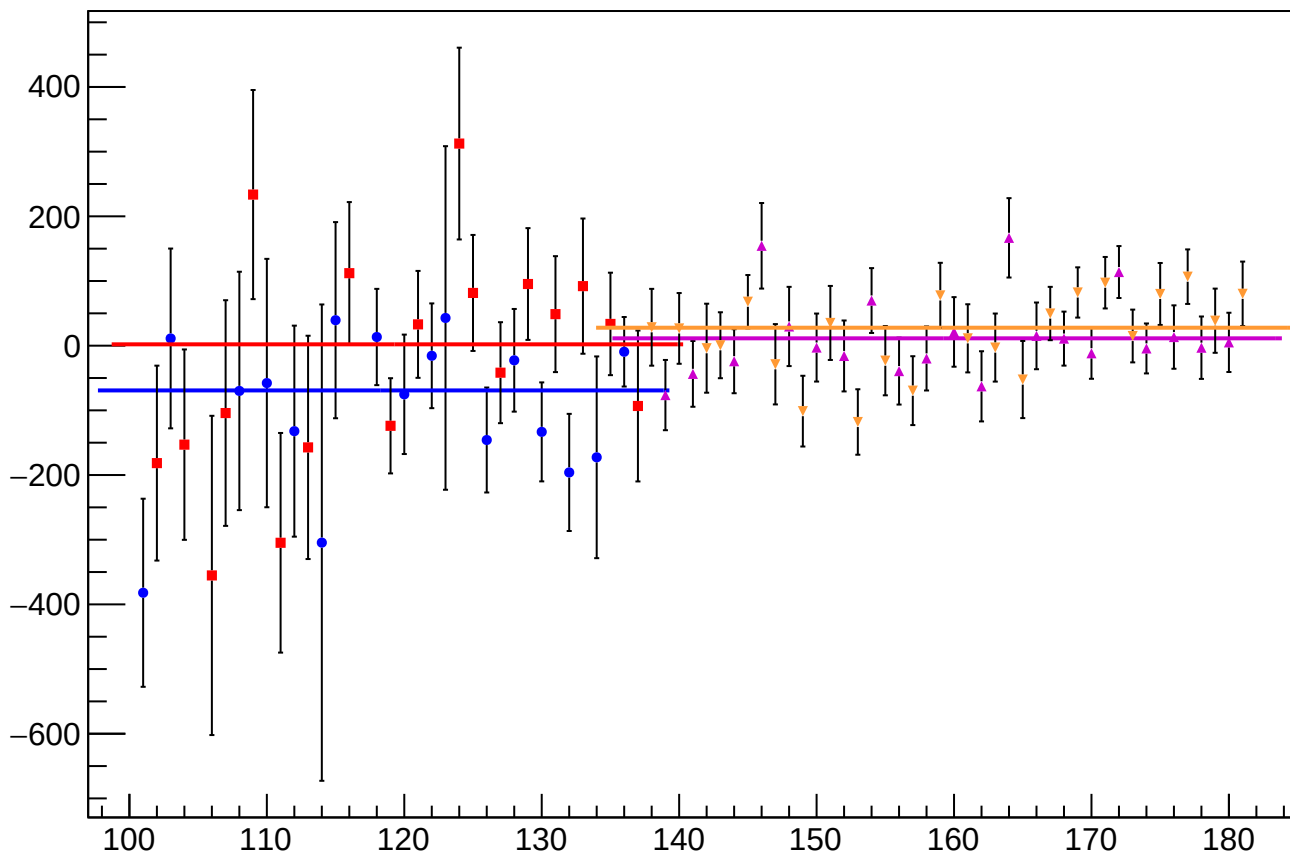
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 342.697+/-0.061 χ^2/NDF :1152534.0/20

Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

All: 342.745+/-0.042 χ^2/NDF : 2669999.3/43

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 $\pm$ 24.260 χ^2 /NDF: 13.5/16

Left Out: 27.760 $\pm$ 10.271 χ^2 /NDF:34.9/22

Right Out: 2.082 $\pm$ 25.187 χ^2 /NDF: 23.8/17

Left In: 11.357 $\pm$ 10.746 χ^2 /NDF:27.5/20

Left: 19.929 $\pm$ 7.425 χ^2 /NDF: 63.6/43

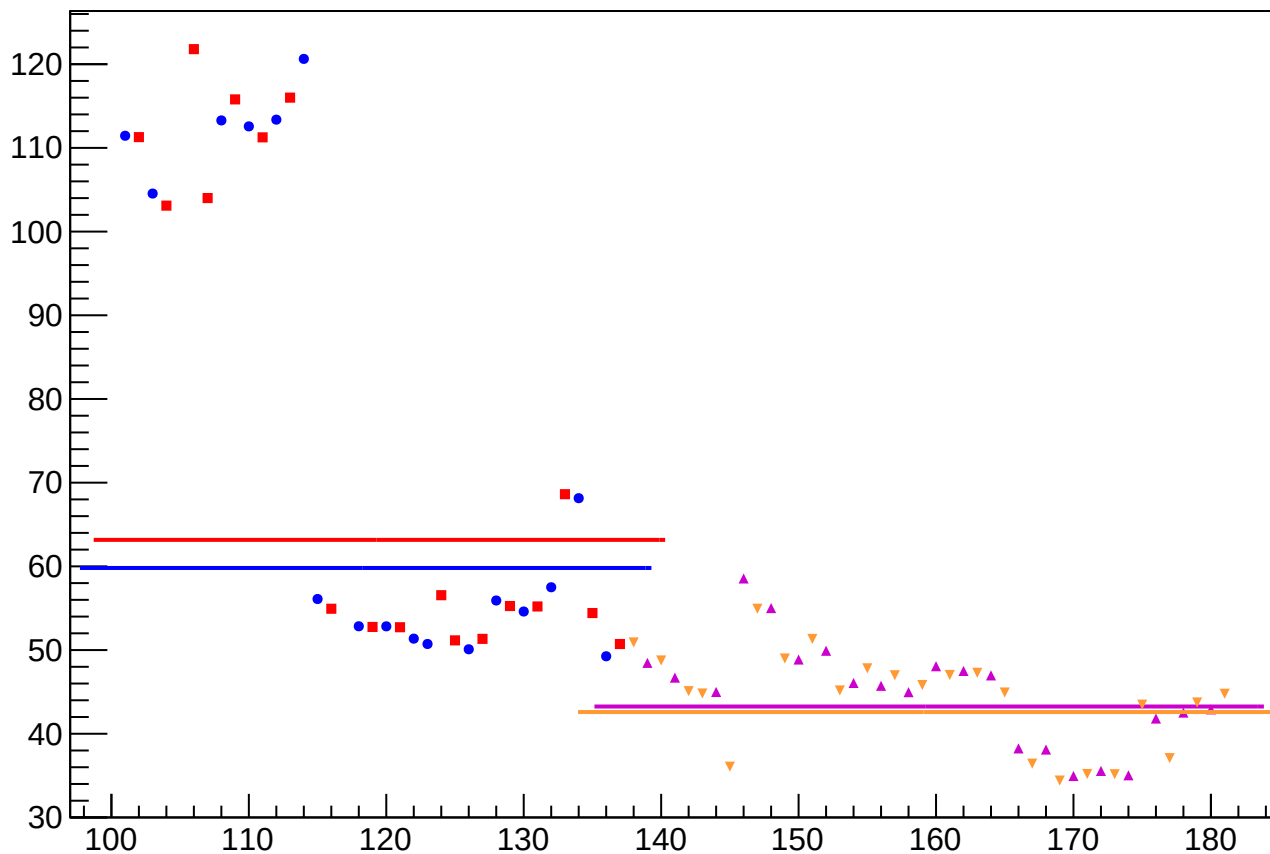
Right: -34.889 $\pm$ 17.473 χ^2 /NDF: 41.4/34

In: -1.855 $\pm$ 9.826 χ^2 /NDF:50.2/37

Out: 24.098 $\pm$ 9.511 χ^2 /NDF:59.6/40

All: 11.544 $\pm$ 6.834 χ^2 /NDF: 113.4/78

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: 42.595 $\pm$ 0.007 χ^2/NDF : 661798.5/22

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: 42.910 $\pm$ 0.005 χ^2/NDF : 1281932.7/43

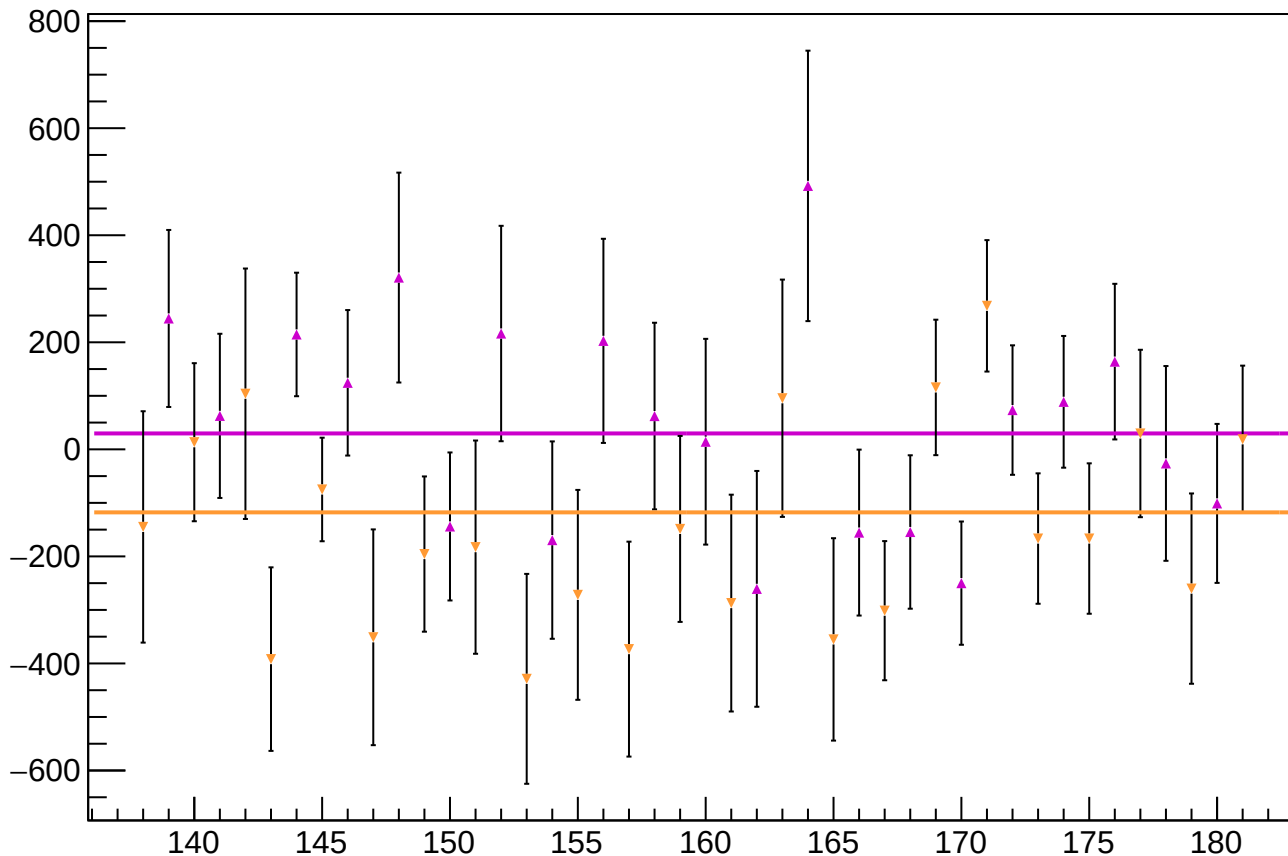
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 45.971 $\pm$ 0.007 χ^2/NDF : 2624570.0/37

Out: 45.528 $\pm$ 0.007 χ^2/NDF : 3192951.0/40

All: 45.742 $\pm$ 0.005 χ^2/NDF : 5819616.3/78

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: -117.747+/-32.654 χ^2/NDF :32.2/22

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: -46.048+/-23.406 χ^2/NDF : 69.8/43

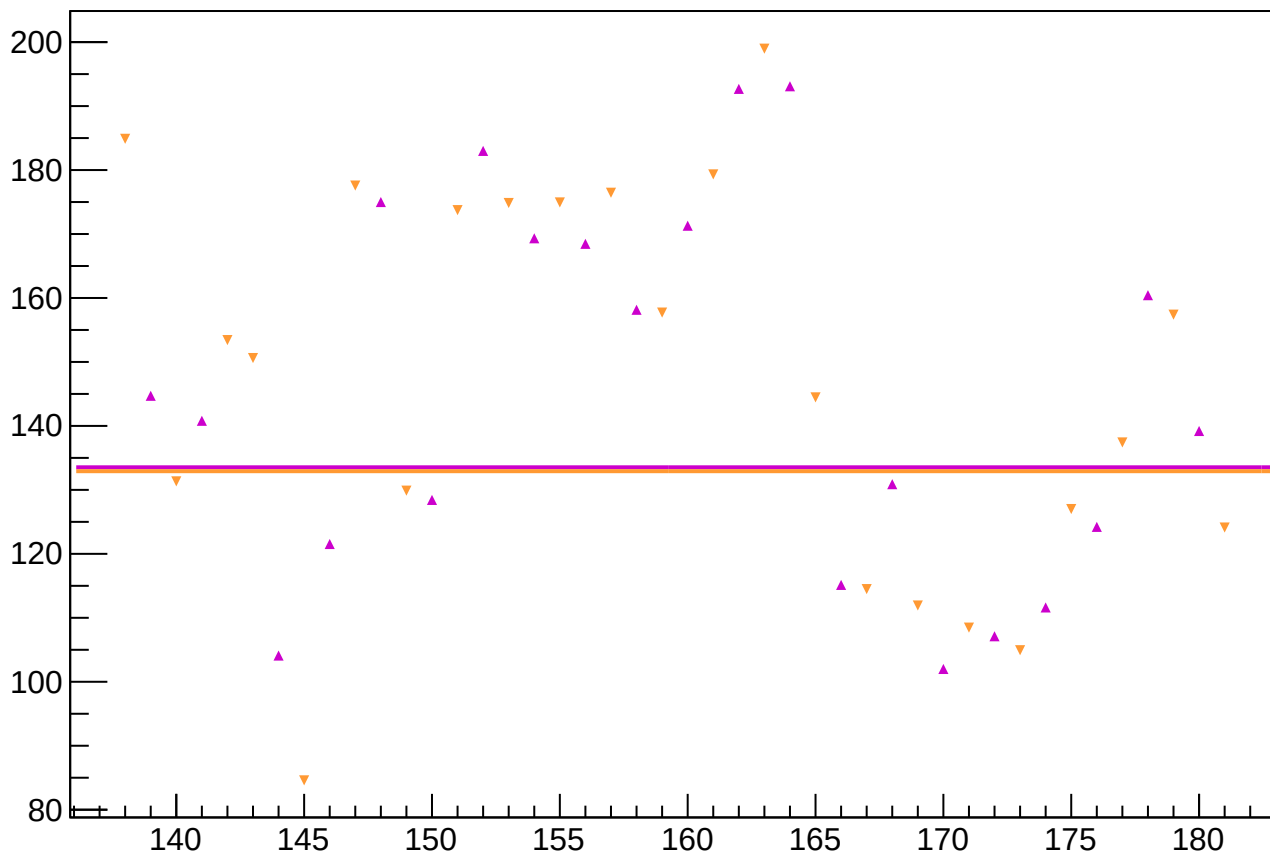
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.717+/-33.568 χ^2/NDF :27.6/20

Out: -117.747+/-32.654 χ^2/NDF :32.2/22

All: -46.048+/-23.406 χ^2/NDF : 69.8/43

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

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: 133.216+/-0.017 χ^2/NDF : 3054553.7/43

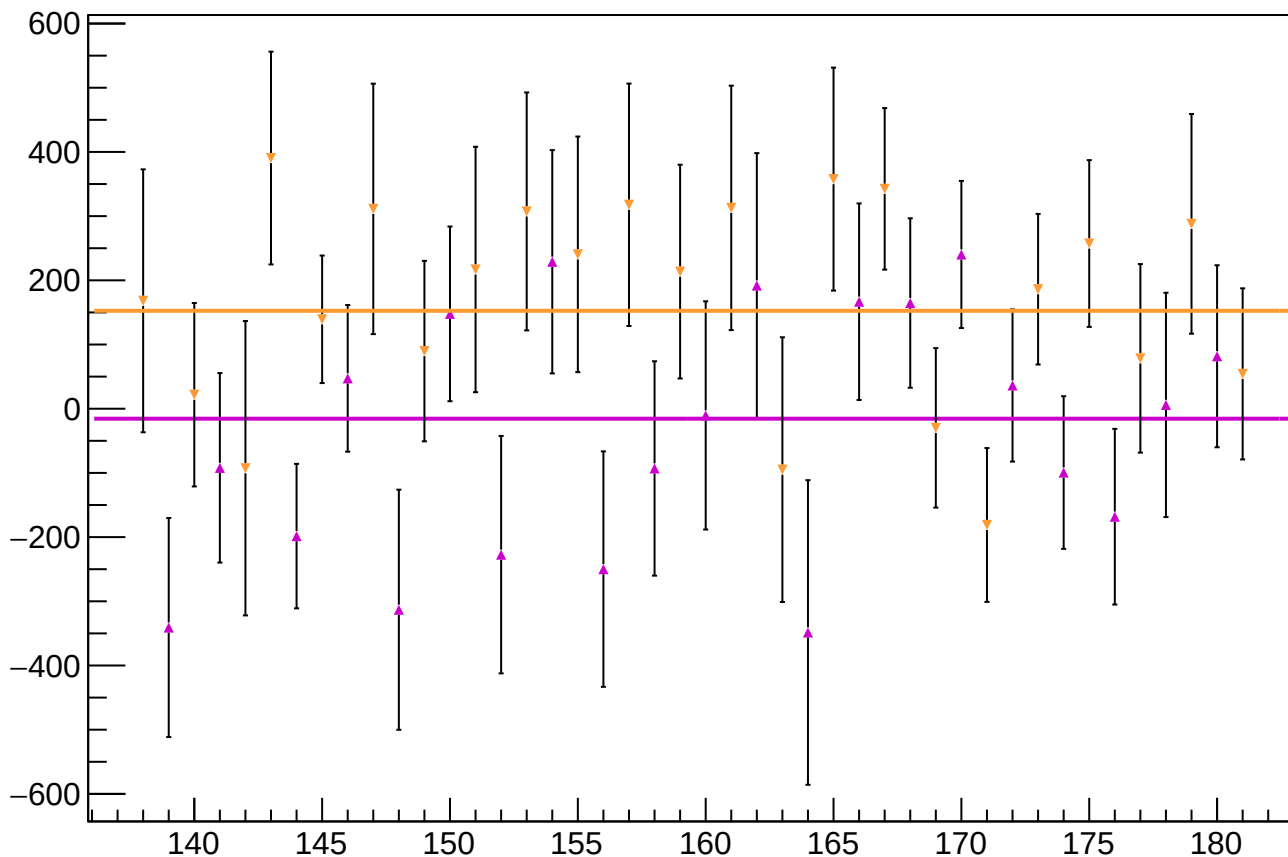
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.528+/-0.024 χ^2/NDF :1279869.3/20

Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

All: 133.216+/-0.017 χ^2/NDF : 3054553.7/43

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Left: 69.944 $\pm$ 22.469 χ^2 /NDF: 68.4/43

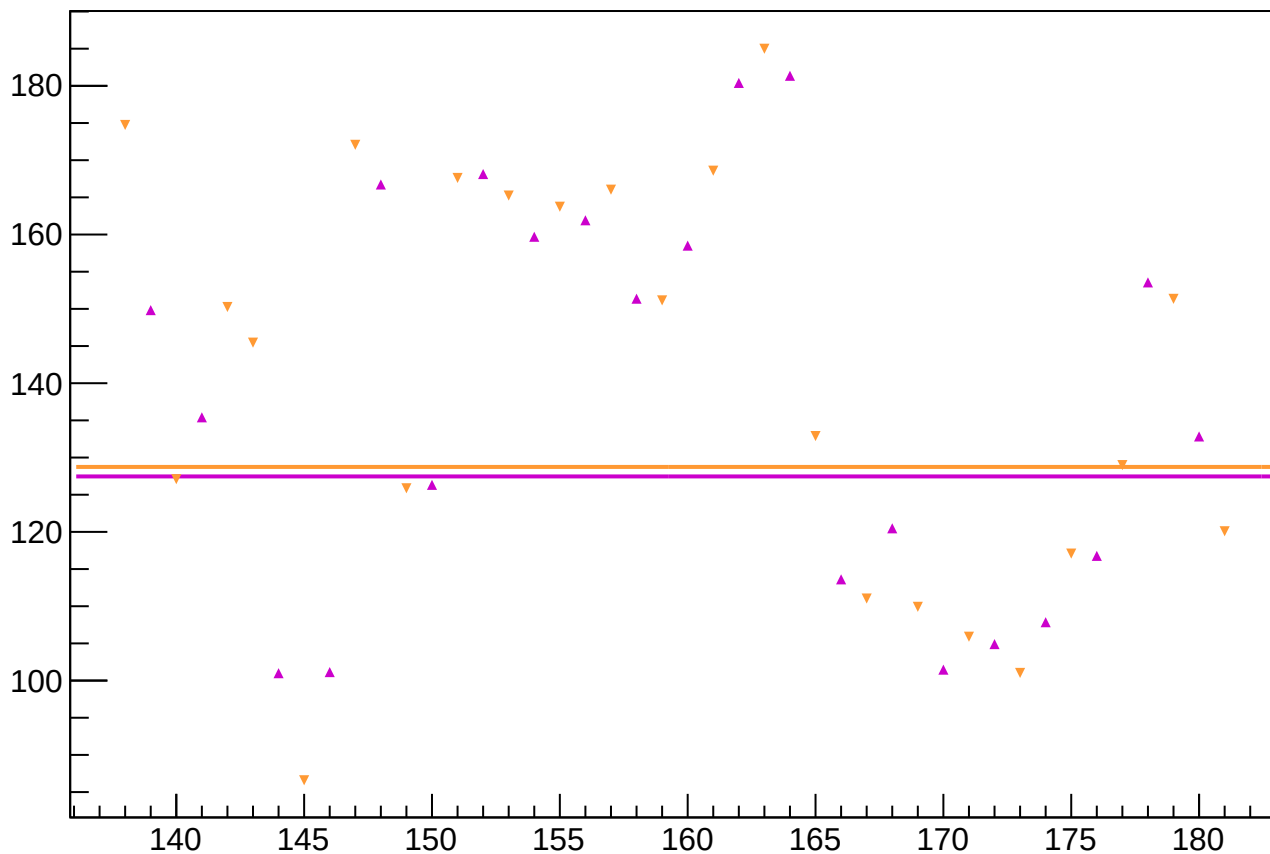
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.543 $\pm$ 32.053 χ^2 /NDF:29.6/20

Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

All: 69.944 $\pm$ 22.469 χ^2 /NDF: 68.4/43

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Left: 128.111+/-0.016 χ^2/NDF : 2744242.7/43

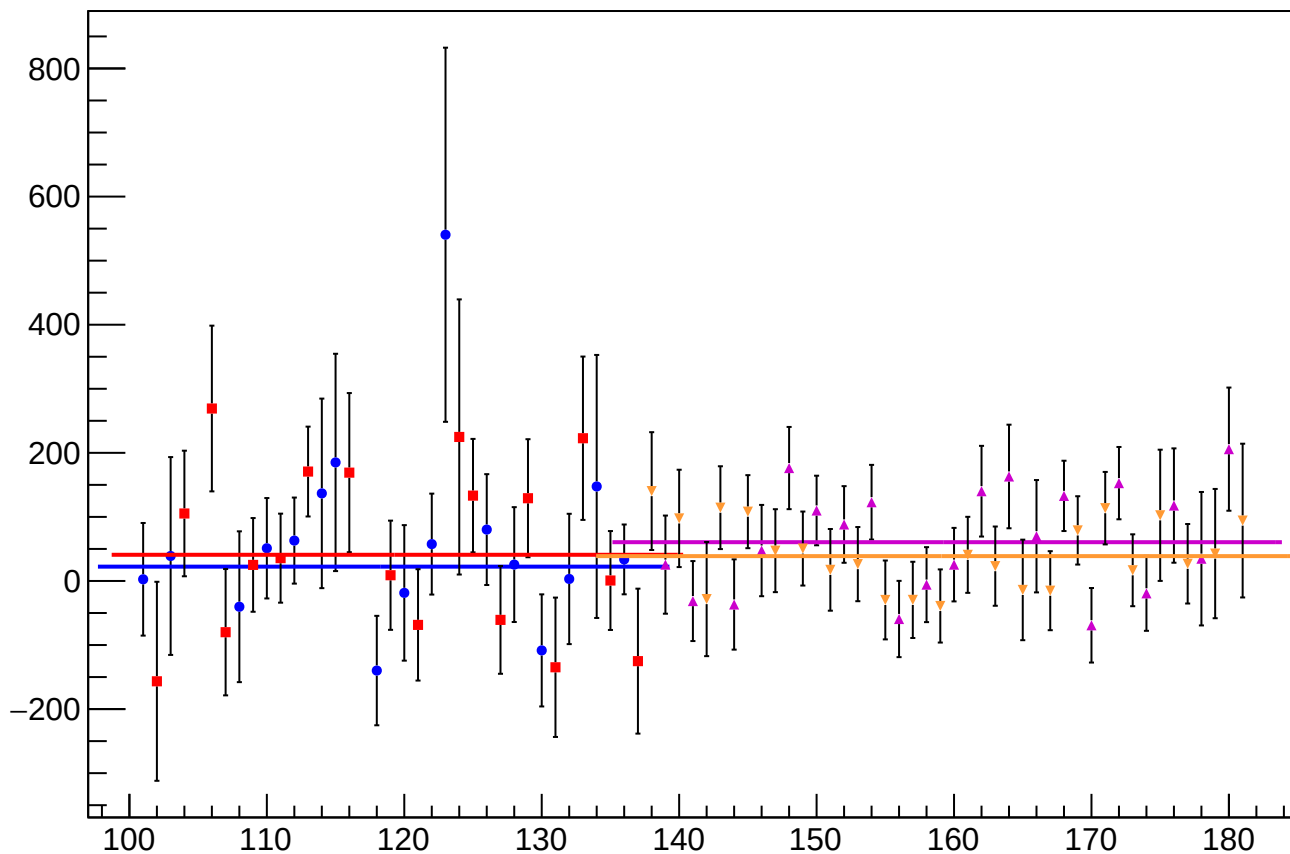
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.461+/-0.023 χ^2/NDF :1229672.4/20

Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

All: 128.111+/-0.016 χ^2/NDF : 2744242.7/43

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 ± 22.625 $\chi^2/\text{NDF}: 12.6/16$

Left Out: 38.778 ± 13.639 $\chi^2/\text{NDF}: 14.3/22$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 60.528 ± 14.284 $\chi^2/\text{NDF}: 32.3/20$

Left: 49.151 ± 9.864 $\chi^2/\text{NDF}: 47.8/43$

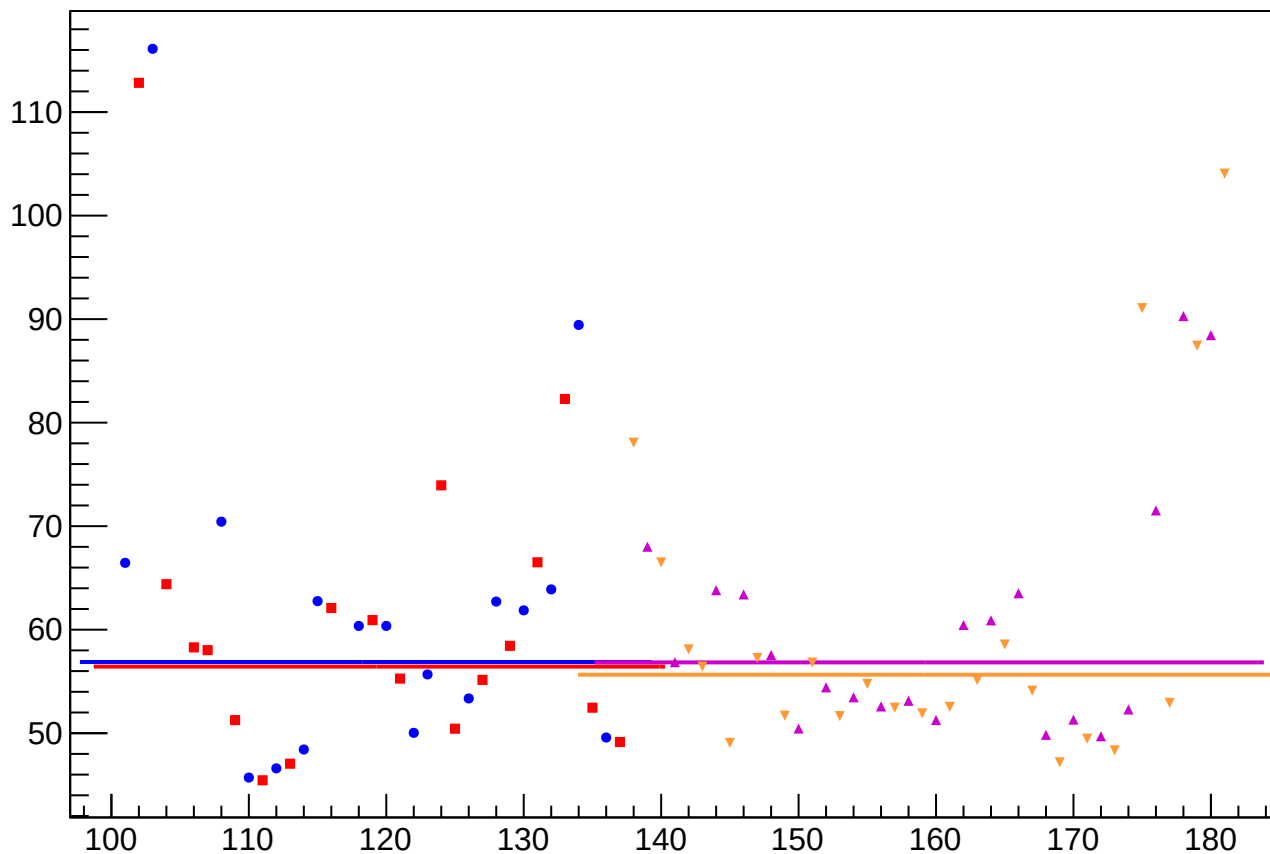
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 49.651 ± 12.078 $\chi^2/\text{NDF}: 47.0/37$

Out: 39.353 ± 11.612 $\chi^2/\text{NDF}: 38.5/40$

All: 44.299 ± 8.371 $\chi^2/\text{NDF}: 85.8/78$

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: 55.649 $\pm$ 0.010 χ^2 /NDF: 1108158.4/22

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: 56.218 $\pm$ 0.007 χ^2 /NDF: 1862669.4/43

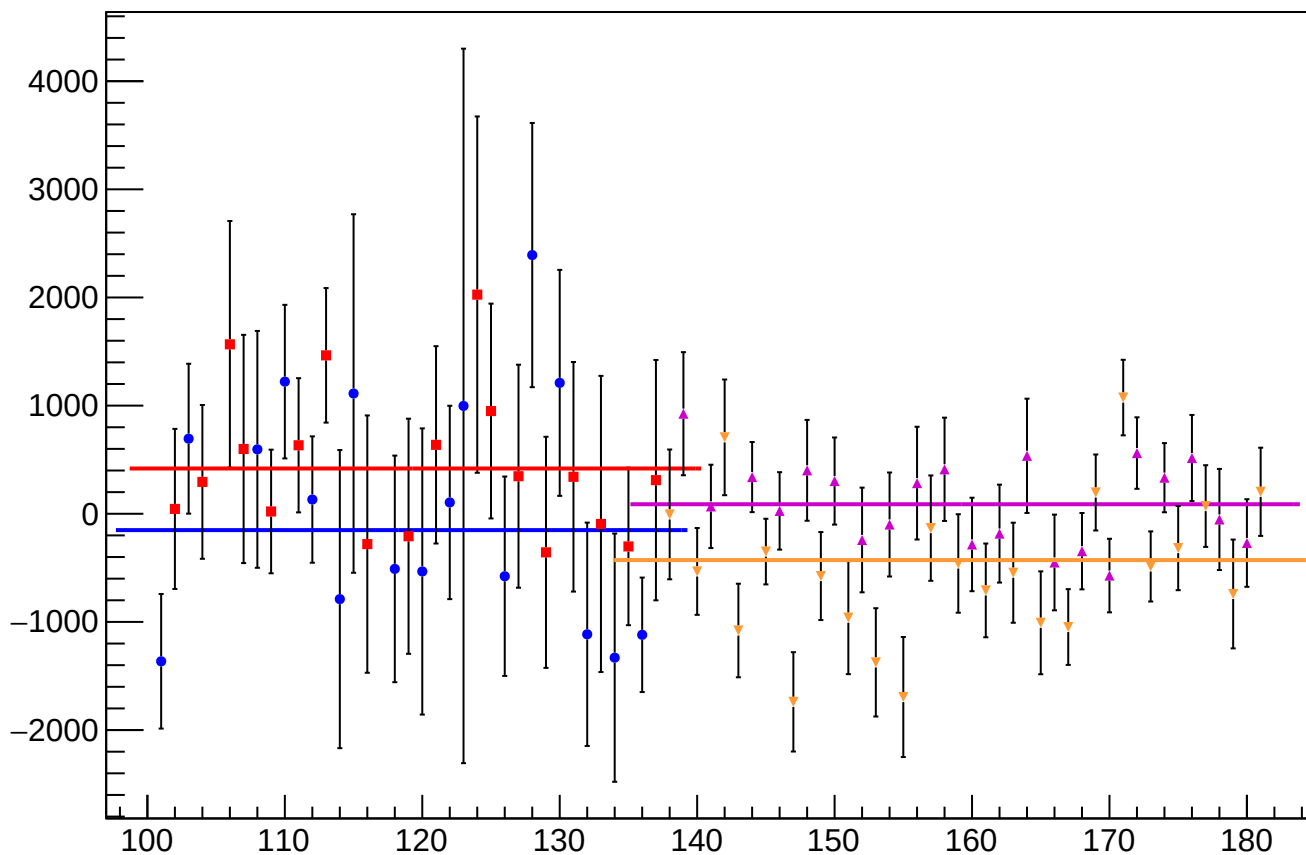
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.853 $\pm$ 0.009 χ^2 /NDF: 1322699.3/37

Out: 55.865 $\pm$ 0.008 χ^2 /NDF: 1630438.7/40

All: 56.339 $\pm$ 0.006 χ^2 /NDF: 2960089.0/78

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -428.363 ± 87.254 $\chi^2/\text{NDF}: 57.3/22$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 88.045 ± 89.064 $\chi^2/\text{NDF}: 18.0/20$

Left: -175.461 ± 62.328 $\chi^2/\text{NDF}: 92.4/43$

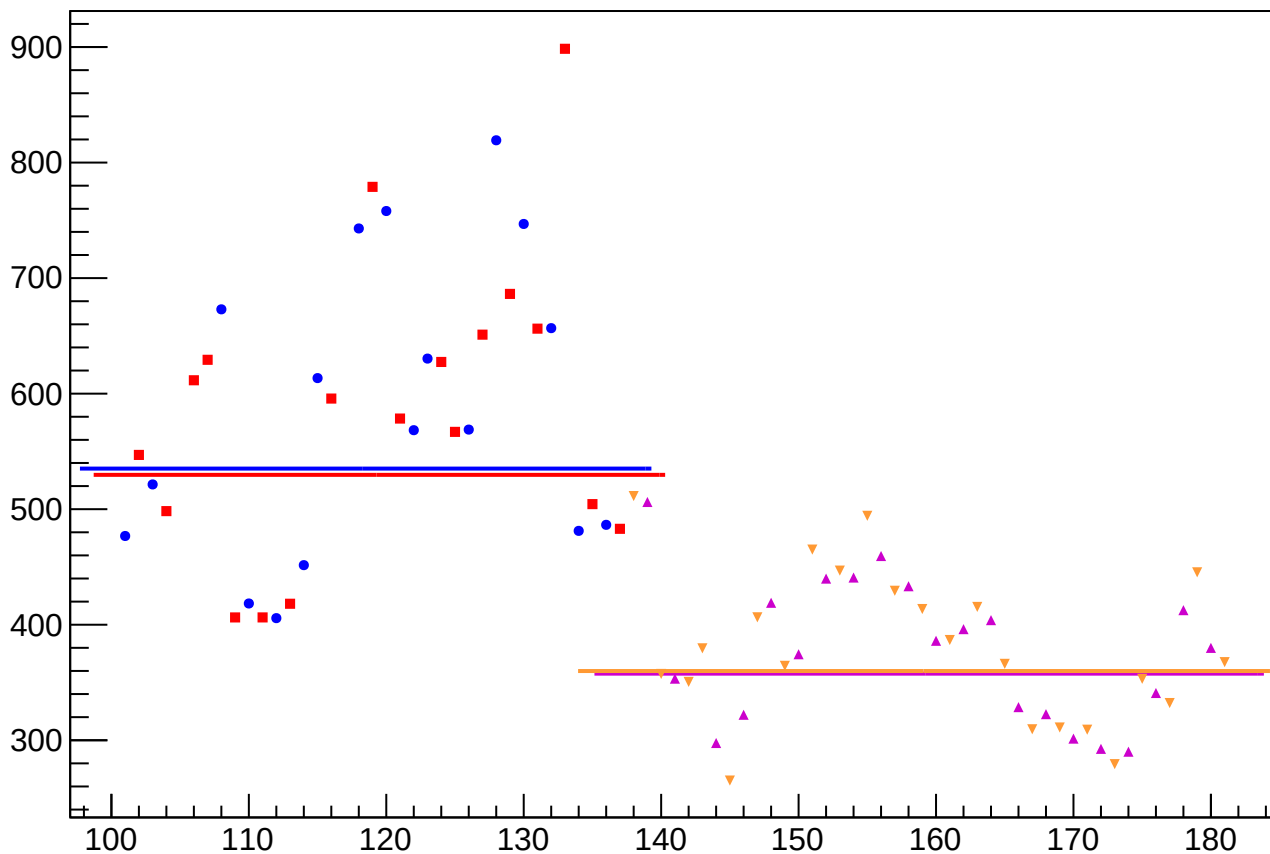
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 52.283 ± 82.138 $\chi^2/\text{NDF}: 41.5/37$

Out: -298.533 ± 80.288 $\chi^2/\text{NDF}: 80.1/40$

All: -127.121 ± 57.415 $\chi^2/\text{NDF}: 130.9/78$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 359.916+/-0.062 χ^2/NDF : 1027441.0/22

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 357.661+/-0.063 χ^2/NDF : 832715.0/20

Left: 358.812+/-0.044 χ^2/NDF : 1860810.0/43

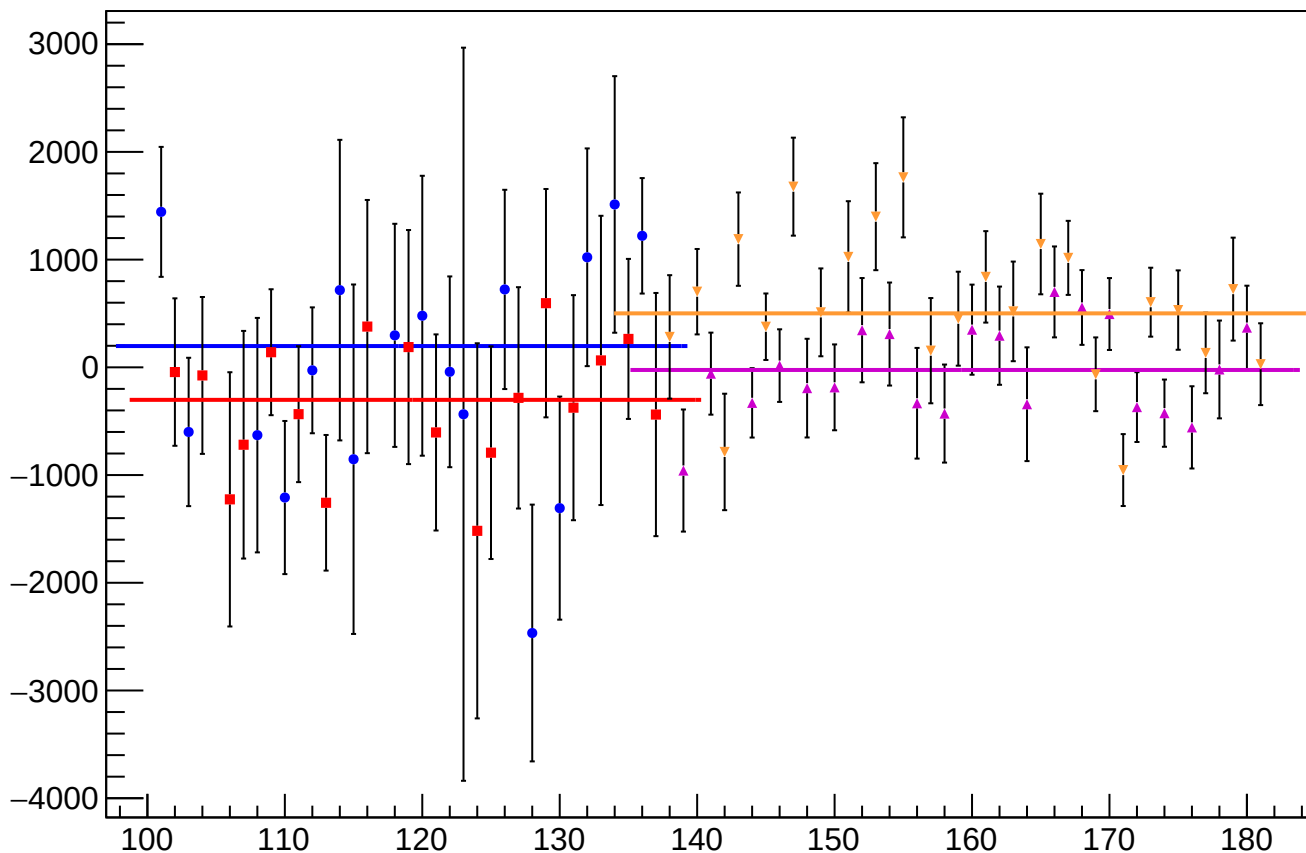
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 384.191+/-0.058 χ^2/NDF : 2615903.4/37

Out: 385.946+/-0.057 χ^2/NDF : 2835316.3/40

All: 385.089+/-0.041 χ^2/NDF : 5451686.9/78

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 501.026 $\pm$ 85.644 χ^2 /NDF:54.7/22

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -24.430 $\pm$ 87.069 χ^2 /NDF:21.7/20

Left: 242.632 $\pm$ 61.057 χ^2 /NDF: 95.0/43

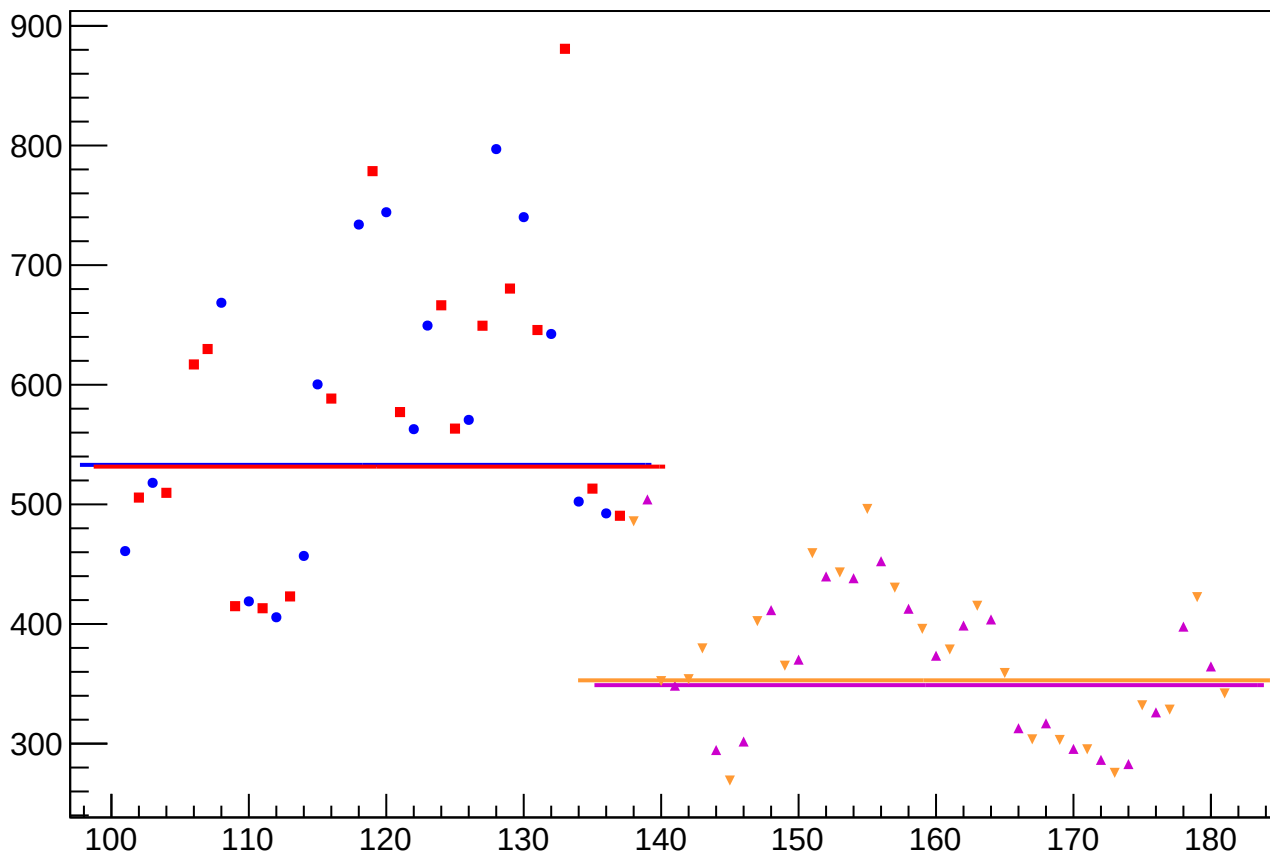
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 7.745 $\pm$ 80.512 χ^2 /NDF:46.6/37

Out: 382.407 $\pm$ 79.065 χ^2 /NDF:74.4/40

All: 198.473 $\pm$ 56.412 χ^2 /NDF: 132.0/78

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 352.911 $\pm$ 0.061 χ^2 /NDF:1003465.7/22

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 348.890 $\pm$ 0.062 χ^2 /NDF:882487.6/20

Left: 350.933 $\pm$ 0.043 χ^2 /NDF: 1888121.3/43

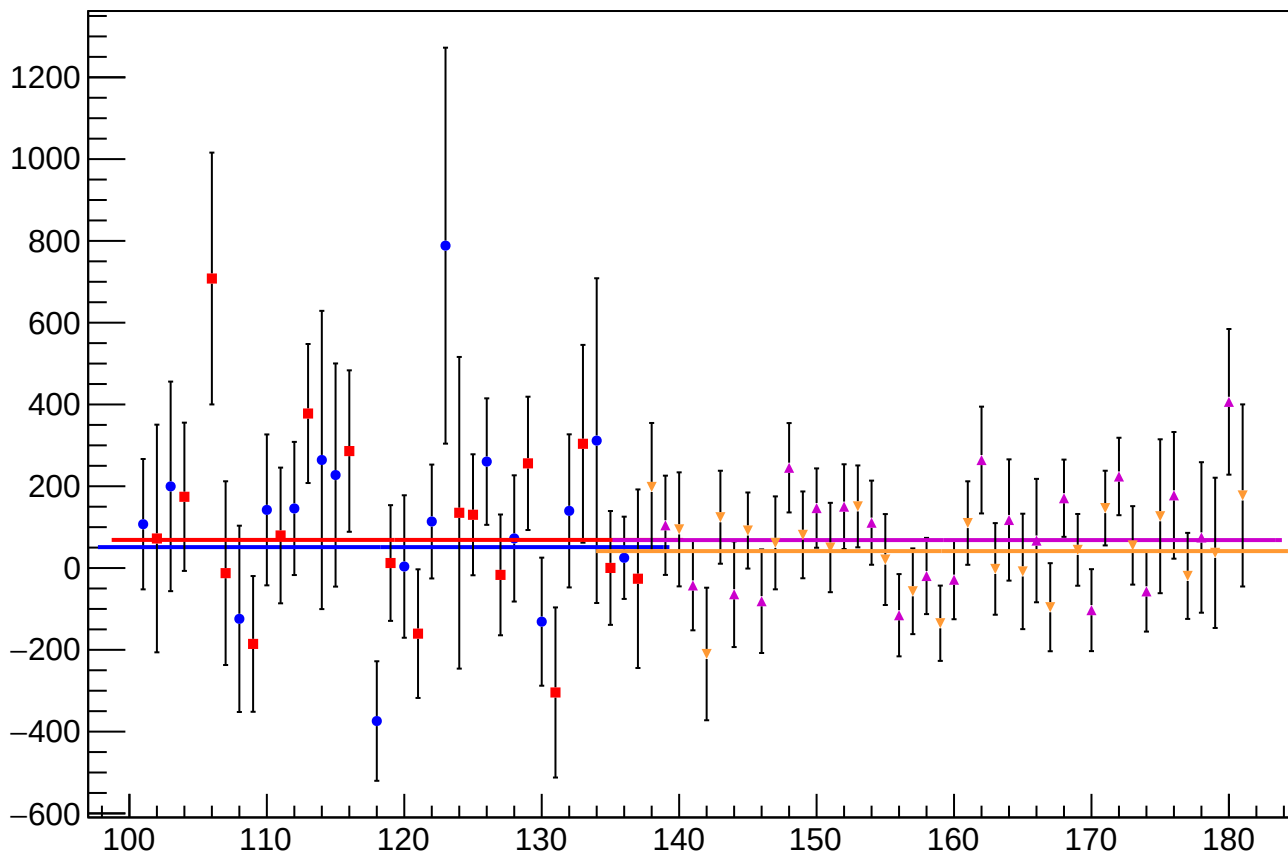
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 375.579 $\pm$ 0.057 χ^2 /NDF:2745899.1/37

Out: 379.305 $\pm$ 0.056 χ^2 /NDF:2887061.7/40

All: 377.476 $\pm$ 0.040 χ^2 /NDF: 5635140.7/78

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: 41.410 $\pm$ 23.559 χ^2 /NDF:15.0/22

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: 54.294 $\pm$ 17.023 χ^2 /NDF: 43.3/43

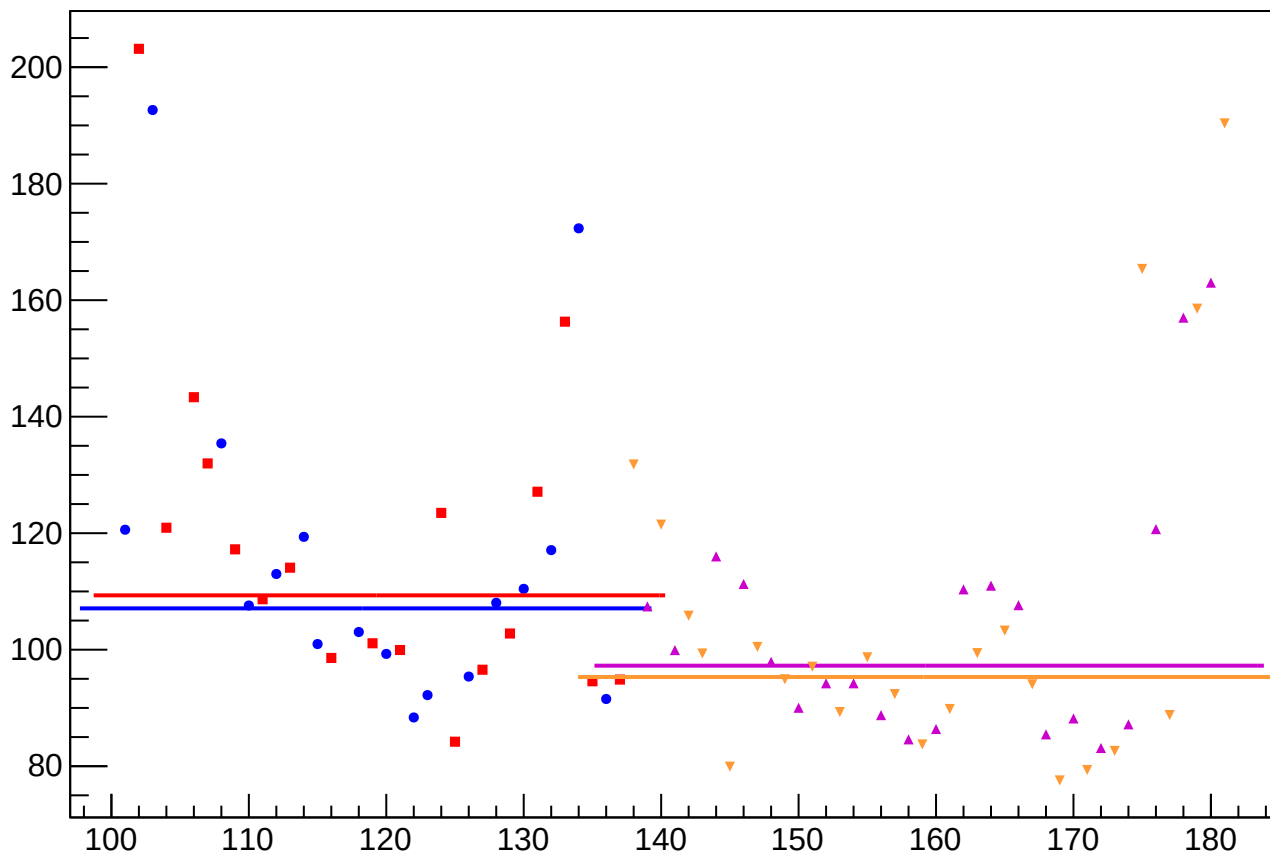
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 64.033 $\pm$ 21.296 χ^2 /NDF:45.2/37

Out: 47.773 $\pm$ 20.639 χ^2 /NDF:35.6/40

All: 55.648 $\pm$ 14.821 χ^2 /NDF: 81.2/78

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: 95.311 $\pm$ 0.017 χ^2 /NDF:1370974.7/22

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: 96.239 $\pm$ 0.012 χ^2 /NDF: 2239384.3/43

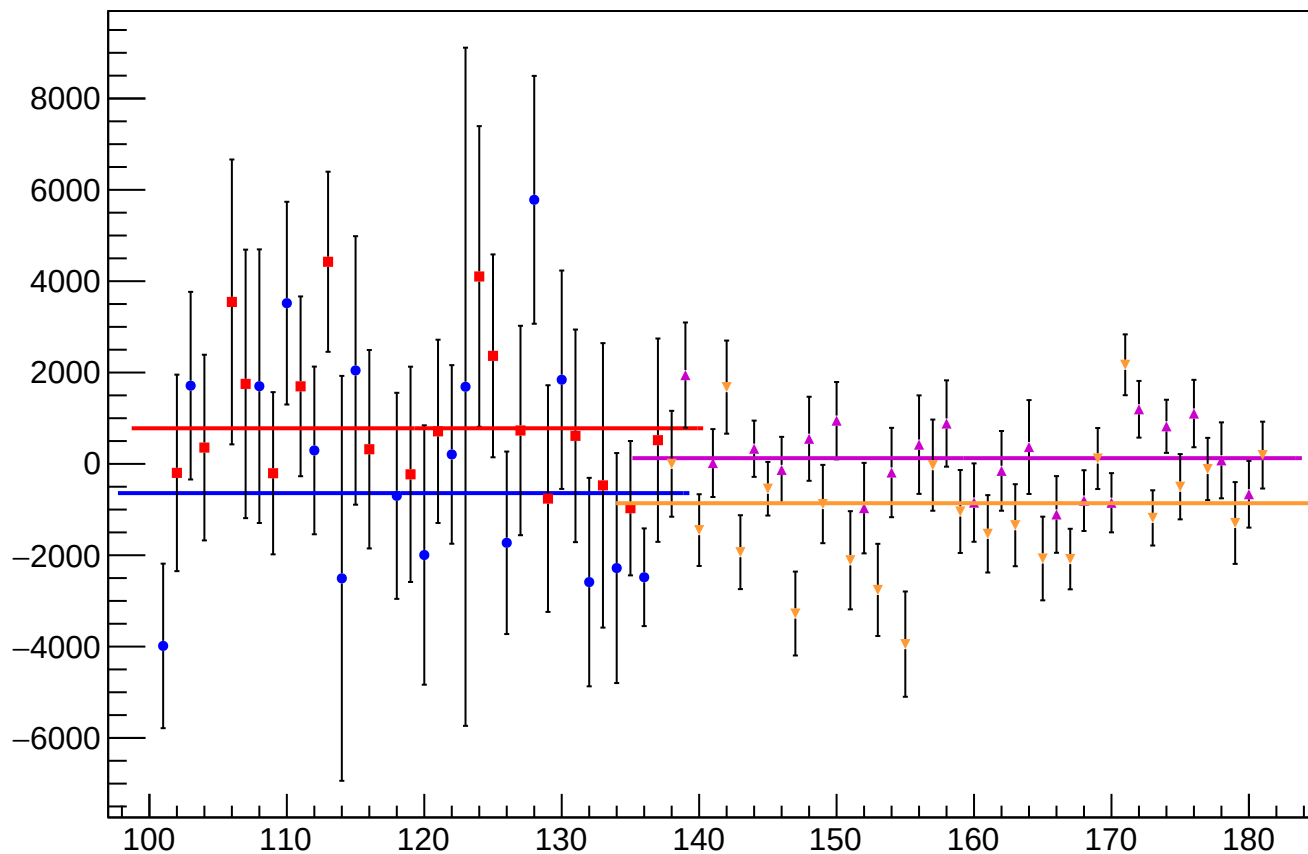
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 99.735 $\pm$ 0.015 χ^2 /NDF:1380155.7/37

Out: 98.570 $\pm$ 0.015 χ^2 /NDF:2041648.0/40

All: 99.134 $\pm$ 0.010 χ^2 /NDF: 3424888.1/78

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -860.620 ± 167.431 $\chi^2/\text{NDF}: 62.0/22$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 125.340 ± 171.216 $\chi^2/\text{NDF}: 21.1/20$

Left: -378.658 ± 119.707 $\chi^2/\text{NDF}: 100.1/43$

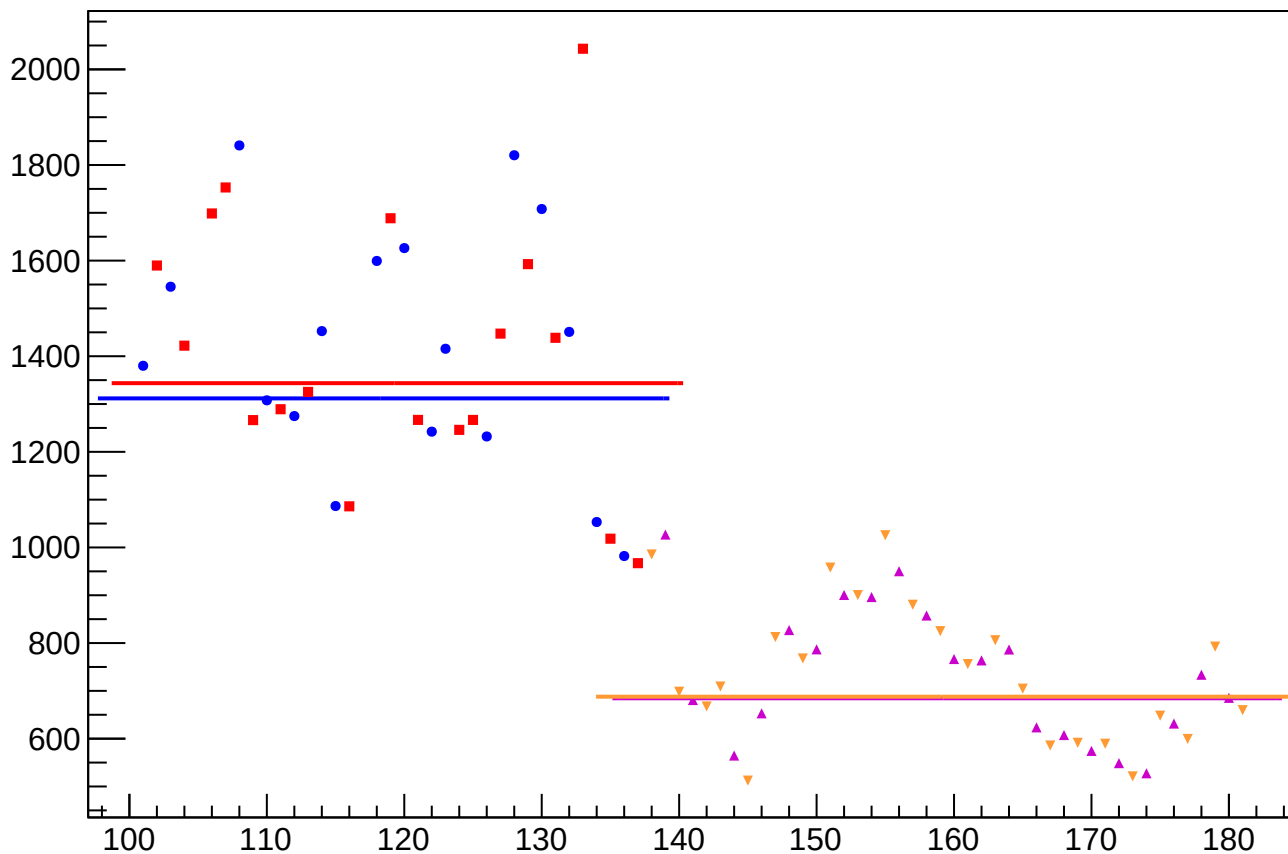
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 50.302 ± 162.604 $\chi^2/\text{NDF}: 44.8/37$

Out: -704.639 ± 159.270 $\chi^2/\text{NDF}: 80.0/40$

All: -334.987 ± 113.781 $\chi^2/\text{NDF}: 135.8/78$

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: 687.836 $\pm$ 0.118 χ^2 /NDF: 1276731.4/22

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: 686.202 $\pm$ 0.085 χ^2 /NDF: 2395797.7/43

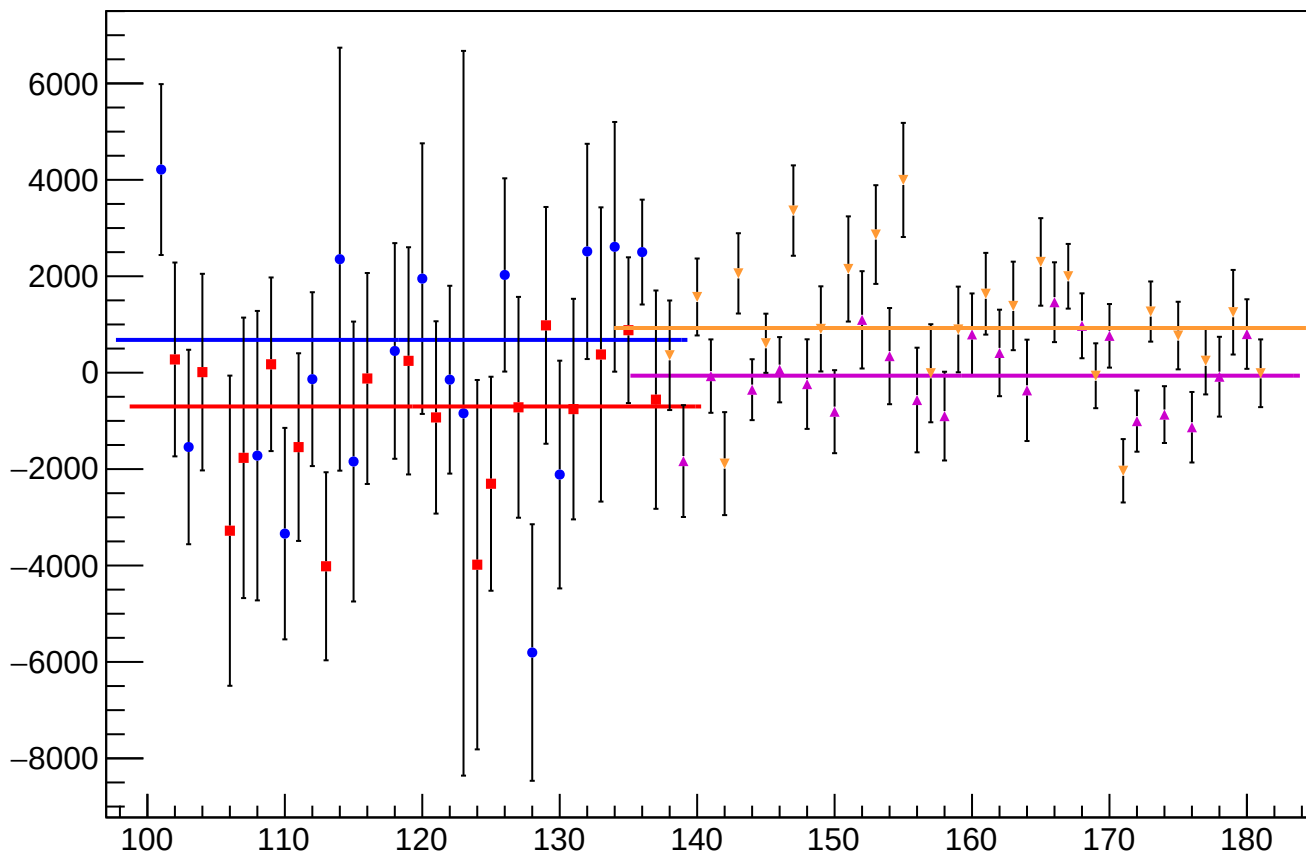
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 746.010 $\pm$ 0.115 χ^2 /NDF: 4264092.4/37

Out: 750.209 $\pm$ 0.113 χ^2 /NDF: 4656131.2/40

All: 748.153 $\pm$ 0.080 χ^2 /NDF: 8920904.4/78

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 926.618 $\pm$ 169.047 χ^2/NDF : 60.6/22

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: 440.847 $\pm$ 120.576 χ^2/NDF : 99.6/43

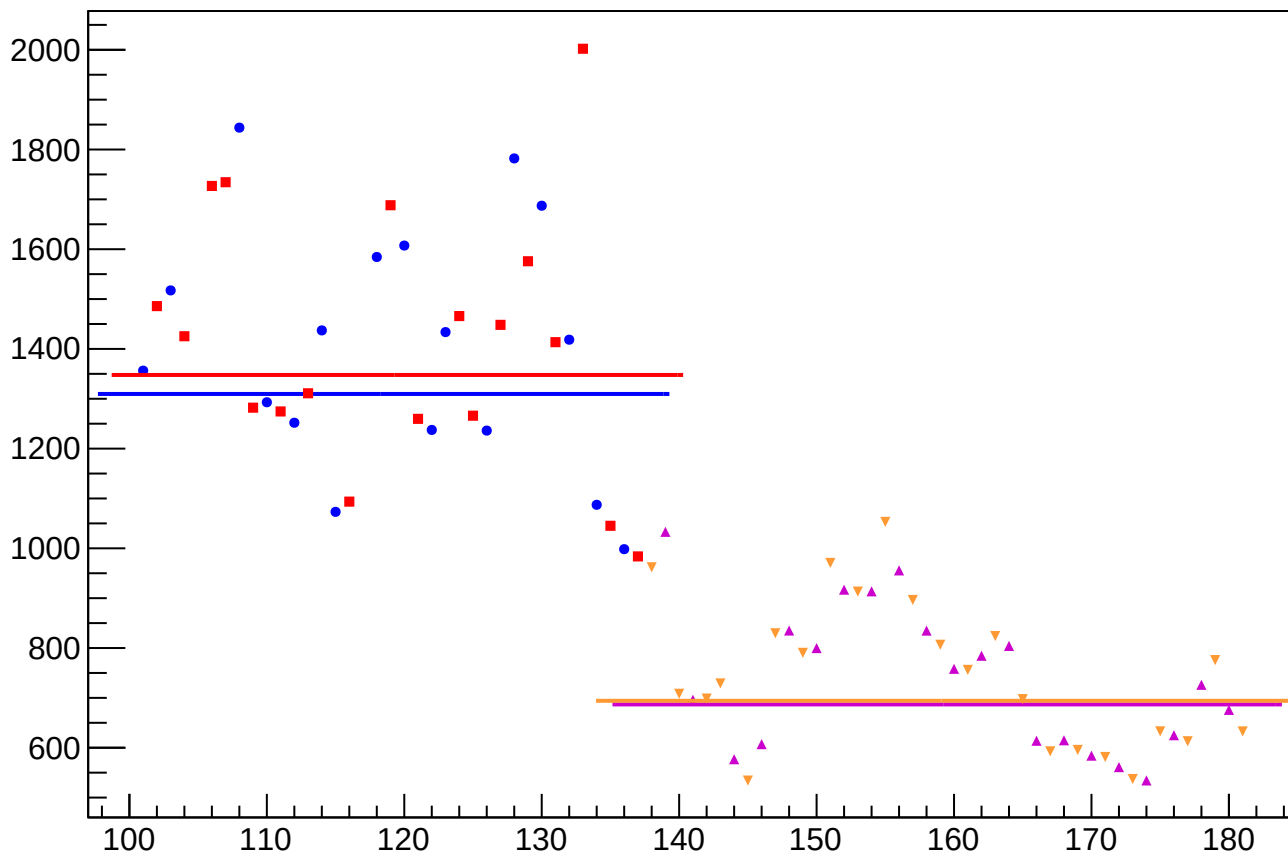
Right: -10.753 $\pm$ 365.867 χ^2/NDF : 33.8/34

In: 11.621 $\pm$ 163.248 χ^2/NDF : 46.6/37

Out: 769.593 $\pm$ 160.685 χ^2/NDF : 77.2/40

All: 396.603 $\pm$ 114.517 χ^2/NDF : 134.8/78

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Left: 690.573 +/- 0.085 χ^2/NDF : 2348478.2/43

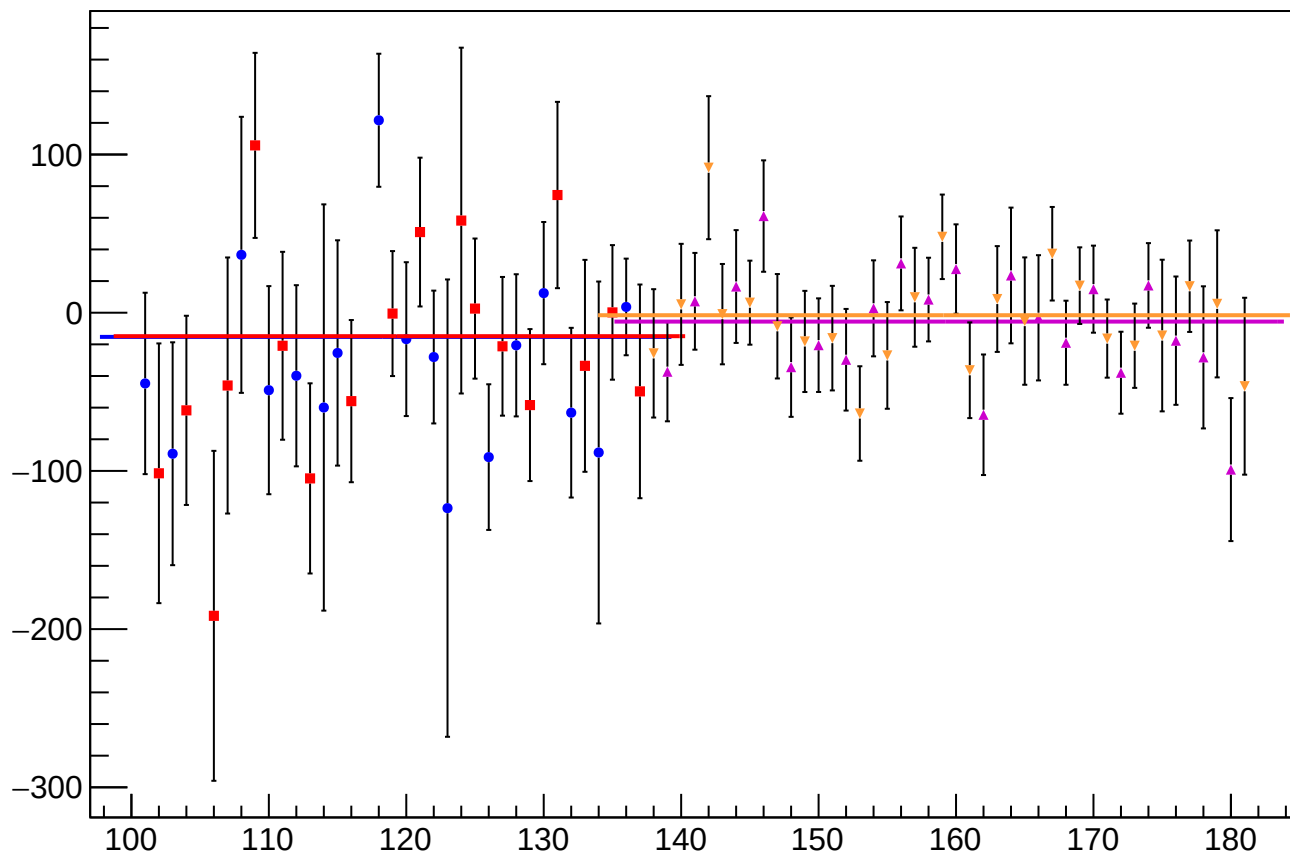
Right: 1328.718 +/- 0.259 χ^2/NDF : 870085.9/34

In: 748.848 +/- 0.115 χ^2/NDF : 4182837.8/37

Out: 757.205 +/- 0.114 χ^2/NDF : 4521431.8/40

All: 753.093 +/- 0.081 χ^2/NDF : 8706931.2/78

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.587 ± 6.690 χ^2/NDF : 19.5/22

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: -3.527 ± 4.814 χ^2/NDF : 40.3/43

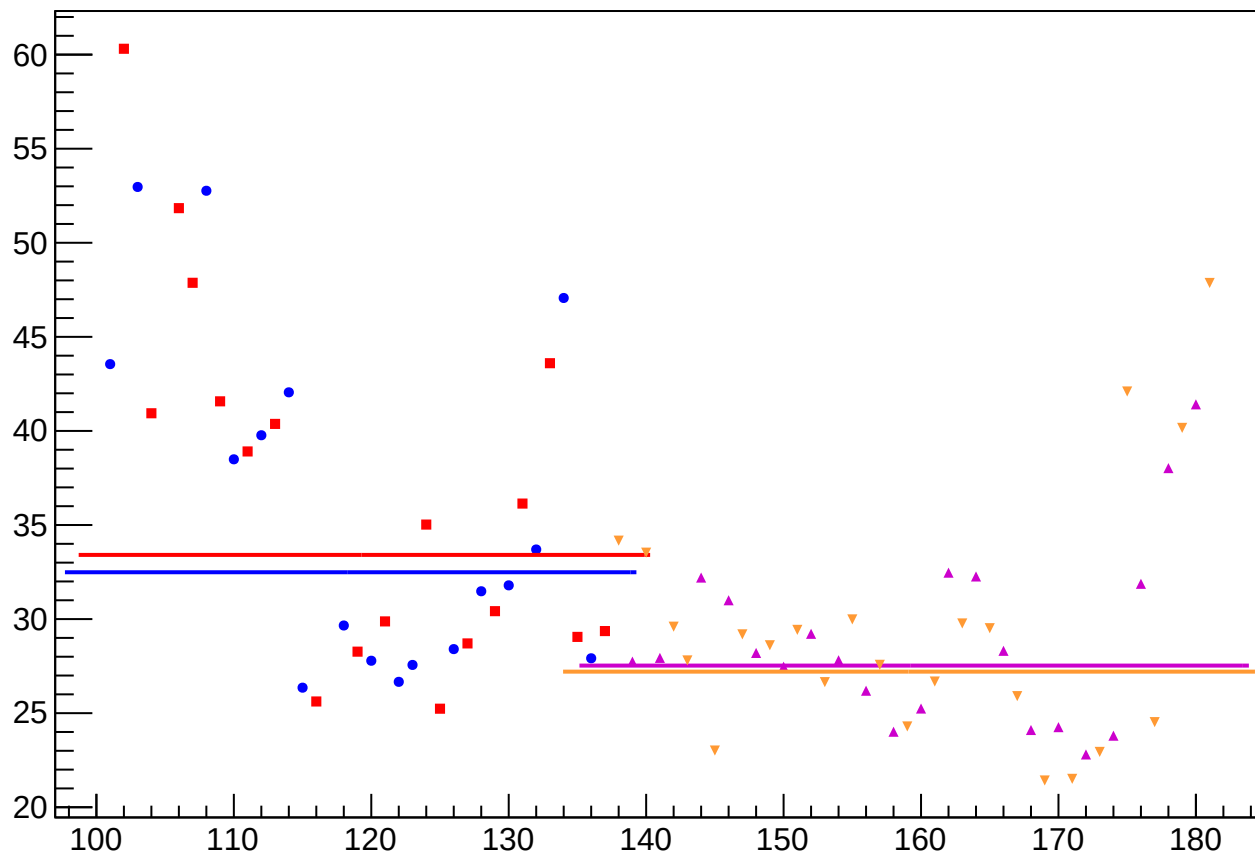
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.777 ± 6.109 χ^2/NDF : 39.4/37

Out: -4.329 ± 5.957 χ^2/NDF : 38.5/40

All: -6.010 ± 4.265 χ^2/NDF : 78.1/78

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.207+/-0.005 χ^2/NDF : 1161281.9/22

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.529+/-0.005 χ^2/NDF : 659782.4/20

Left: 27.362+/-0.003 χ^2/NDF : 1823293.2/43

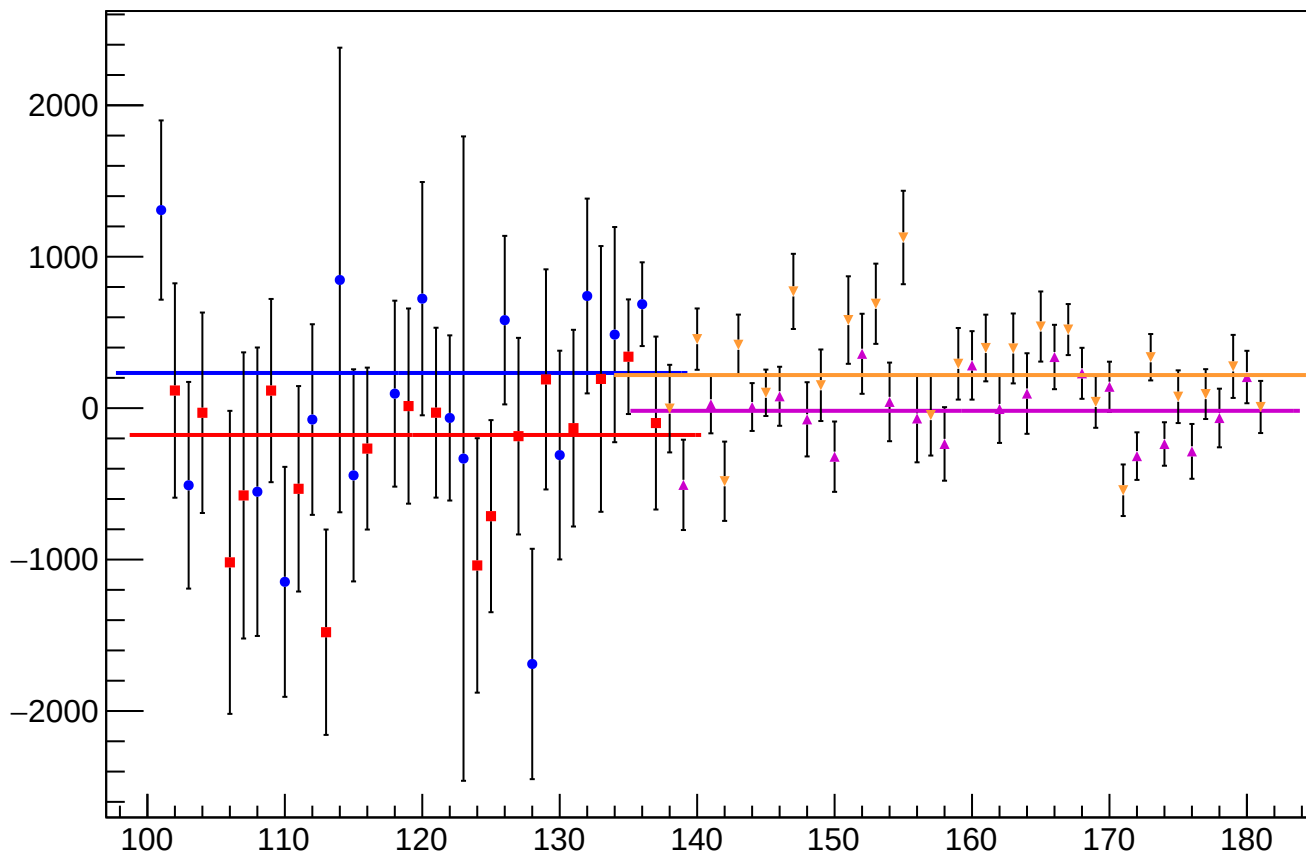
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.640+/-0.004 χ^2/NDF : 1483496.7/37

Out: 28.491+/-0.004 χ^2/NDF : 2242384.6/40

All: 28.563+/-0.003 χ^2/NDF : 3726492.0/78

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: 218.520 $\pm$ 42.527 χ^2 /NDF:61.0/22

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: 103.469 $\pm$ 30.456 χ^2 /NDF: 101.4/43

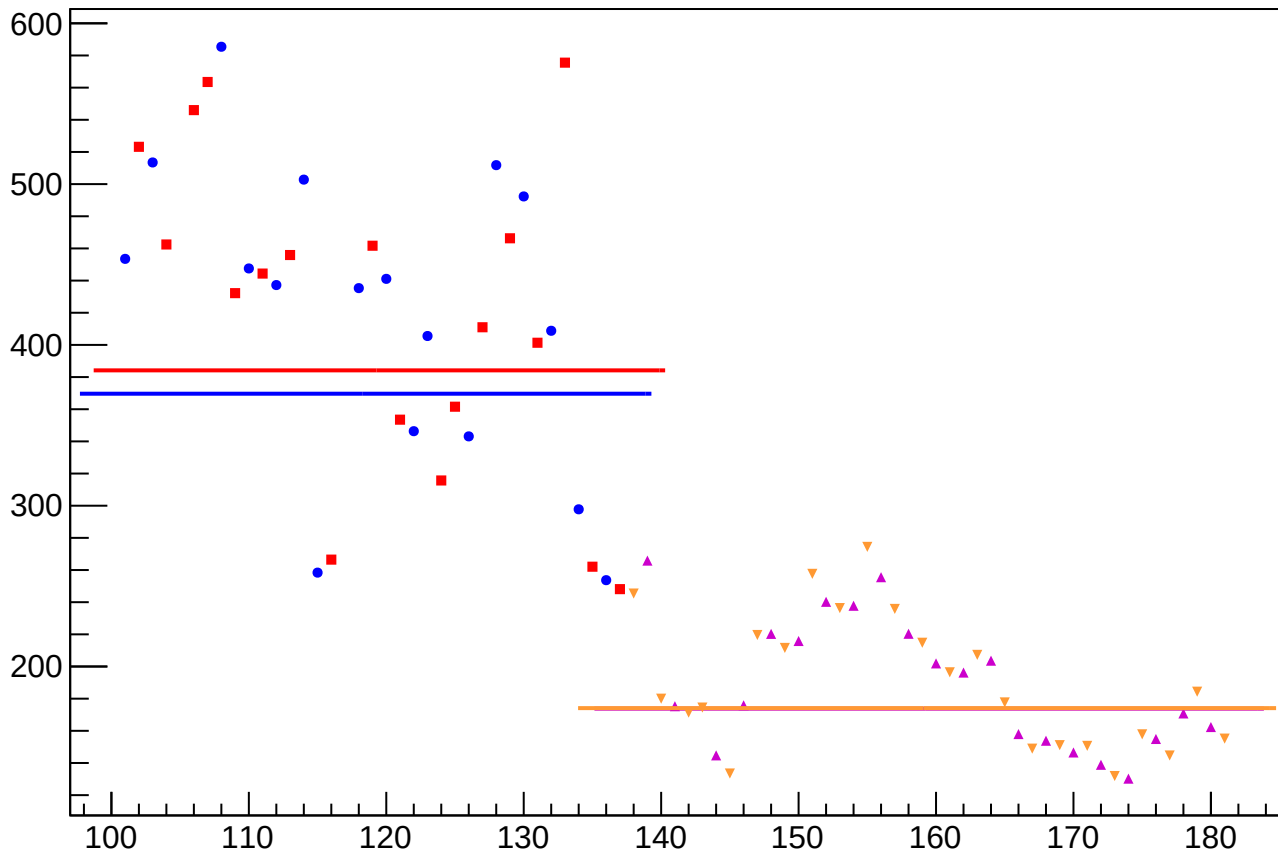
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 2.183 $\pm$ 41.869 χ^2 /NDF:49.4/37

Out: 189.083 $\pm$ 40.915 χ^2 /NDF:77.1/40

All: 97.786 $\pm$ 29.263 χ^2 /NDF: 136.7/78

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: 174.116 $\pm$ 0.030 χ^2 /NDF: 1479671.2/22

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: 173.951 $\pm$ 0.022 χ^2 /NDF: 2839663.8/43

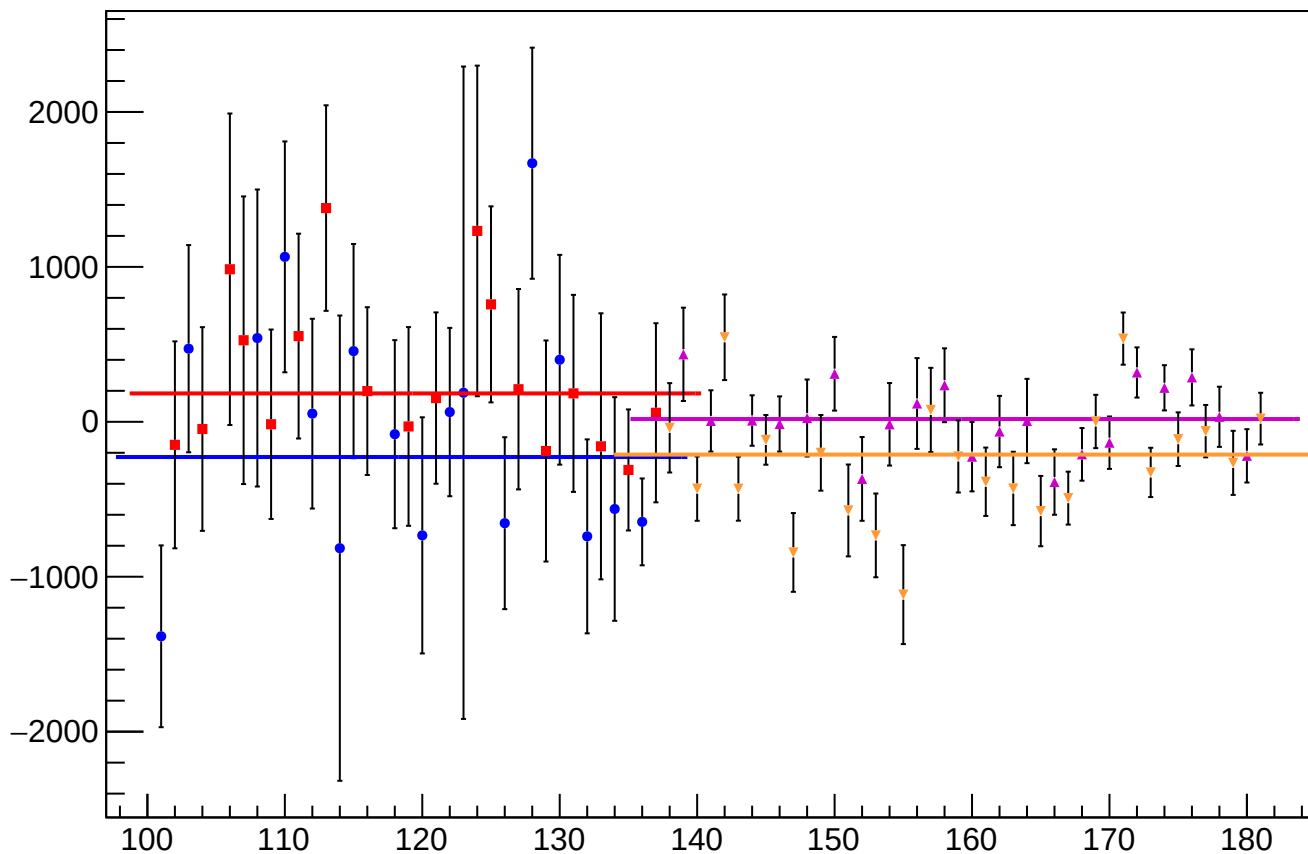
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 189.326 $\pm$ 0.030 χ^2 /NDF: 5461419.0/37

Out: 189.744 $\pm$ 0.029 χ^2 /NDF: 5984784.5/40

All: 189.540 $\pm$ 0.021 χ^2 /NDF: 11446305.3/78

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -211.634+/-43.113 χ^2/NDF : 62.7/22

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 17.974+/-43.990 χ^2/NDF : 23.6/20

Left: -99.143+/-30.791 χ^2/NDF : 100.2/43

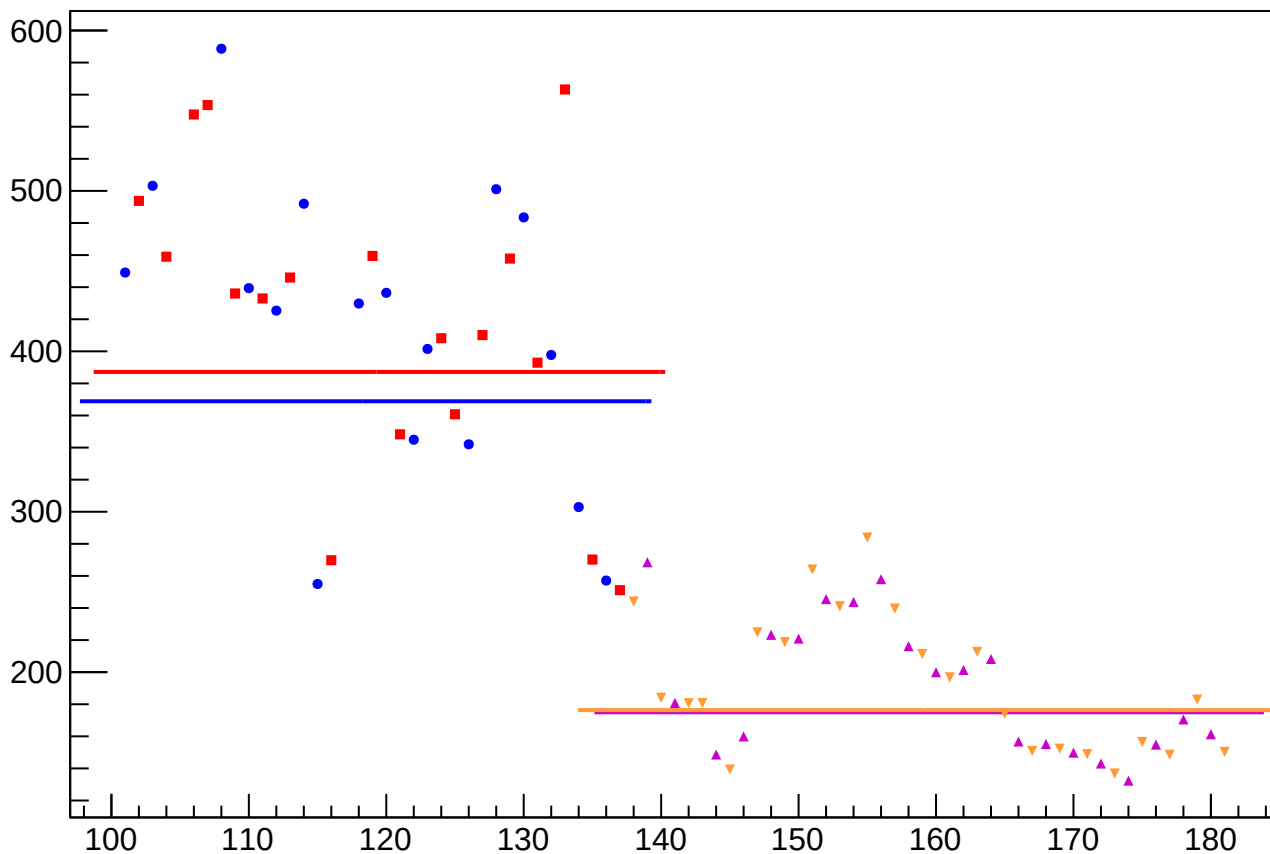
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -1.953+/-42.165 χ^2/NDF : 47.9/37

Out: -181.677+/-41.445 χ^2/NDF : 77.9/40

All: -93.362+/-29.557 χ^2/NDF : 135.1/78

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: 176.350 $\pm$ 0.030 χ^2 /NDF: 1479071.7/22

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: 175.684 $\pm$ 0.022 χ^2 /NDF: 2834844.9/43

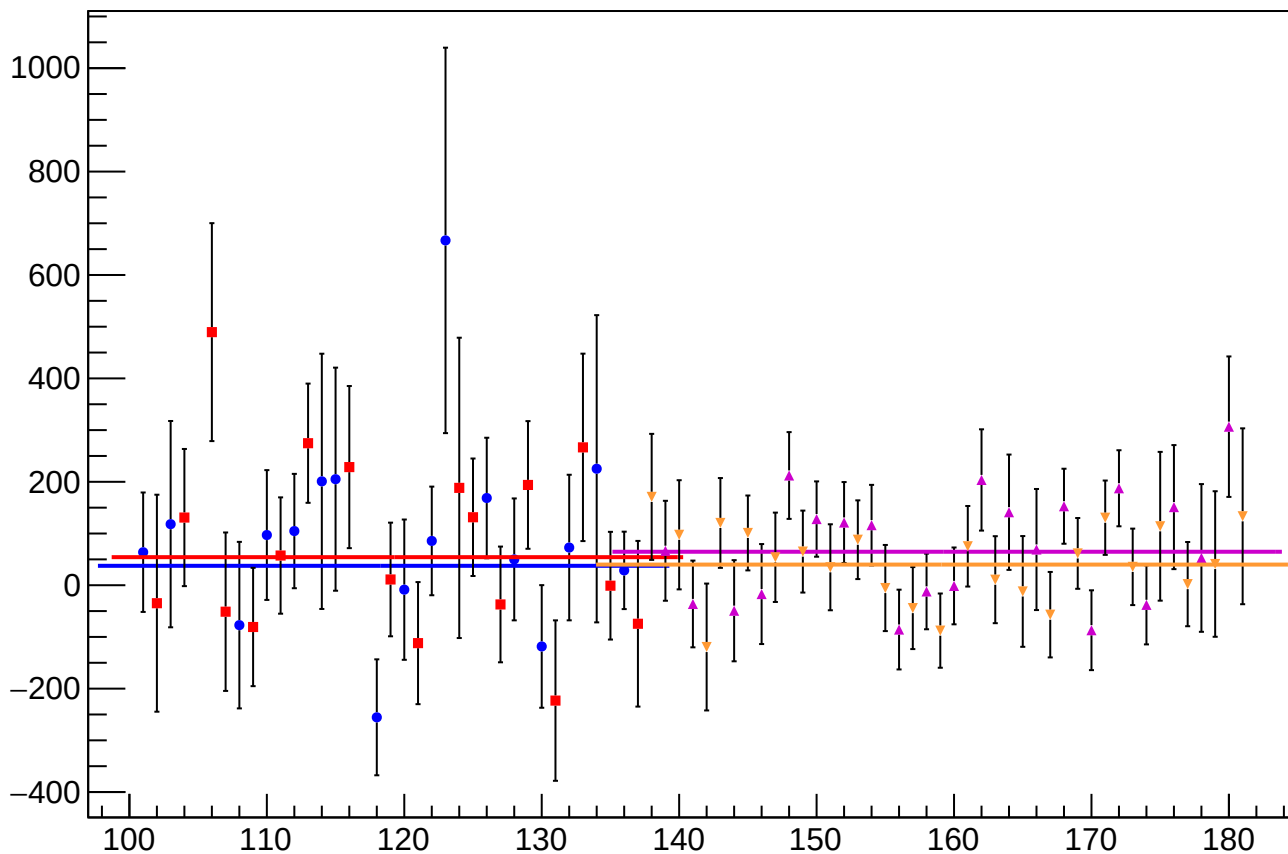
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 190.743 $\pm$ 0.030 χ^2 /NDF: 5340930.1/37

Out: 192.341 $\pm$ 0.029 χ^2 /NDF: 5864443.7/40

All: 191.556 $\pm$ 0.021 χ^2 /NDF: 11206834.5/78

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.917 $\pm$ 18.054 χ^2 /NDF:14.2/22

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: 51.759 $\pm$ 13.055 χ^2 /NDF: 45.3/43

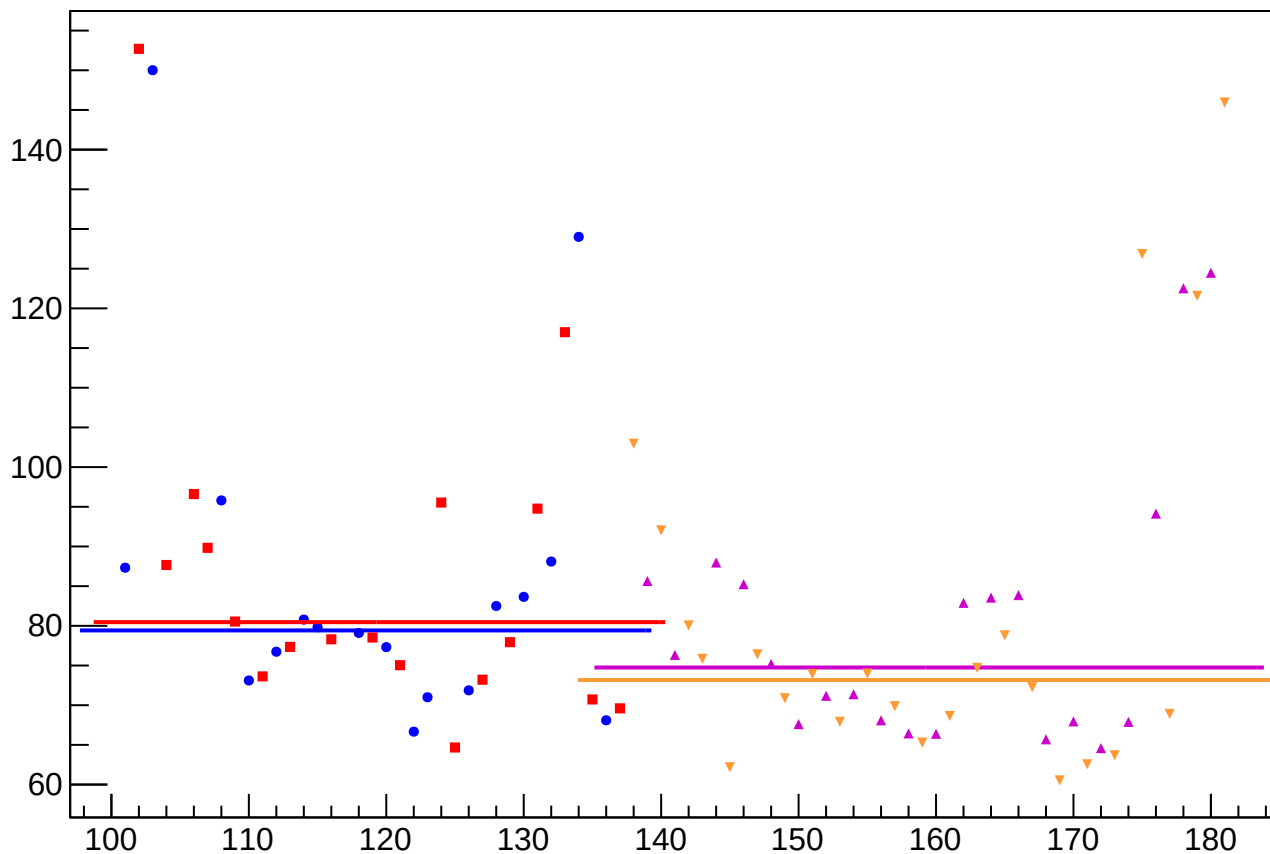
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 57.522 $\pm$ 16.202 χ^2 /NDF:46.5/37

Out: 43.469 $\pm$ 15.663 χ^2 /NDF:36.2/40

All: 50.258 $\pm$ 11.261 χ^2 /NDF: 83.1/78

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421+/-0.022 χ^2/NDF : 439047.1/16

Left Out: 73.169+/-0.013 χ^2/NDF :1324042.3/22

Right Out: 80.465+/-0.022 χ^2/NDF : 454376.0/17

Left In: 74.751+/-0.013 χ^2/NDF :862672.5/20

Left: 73.924+/-0.009 χ^2/NDF : 2194038.3/43

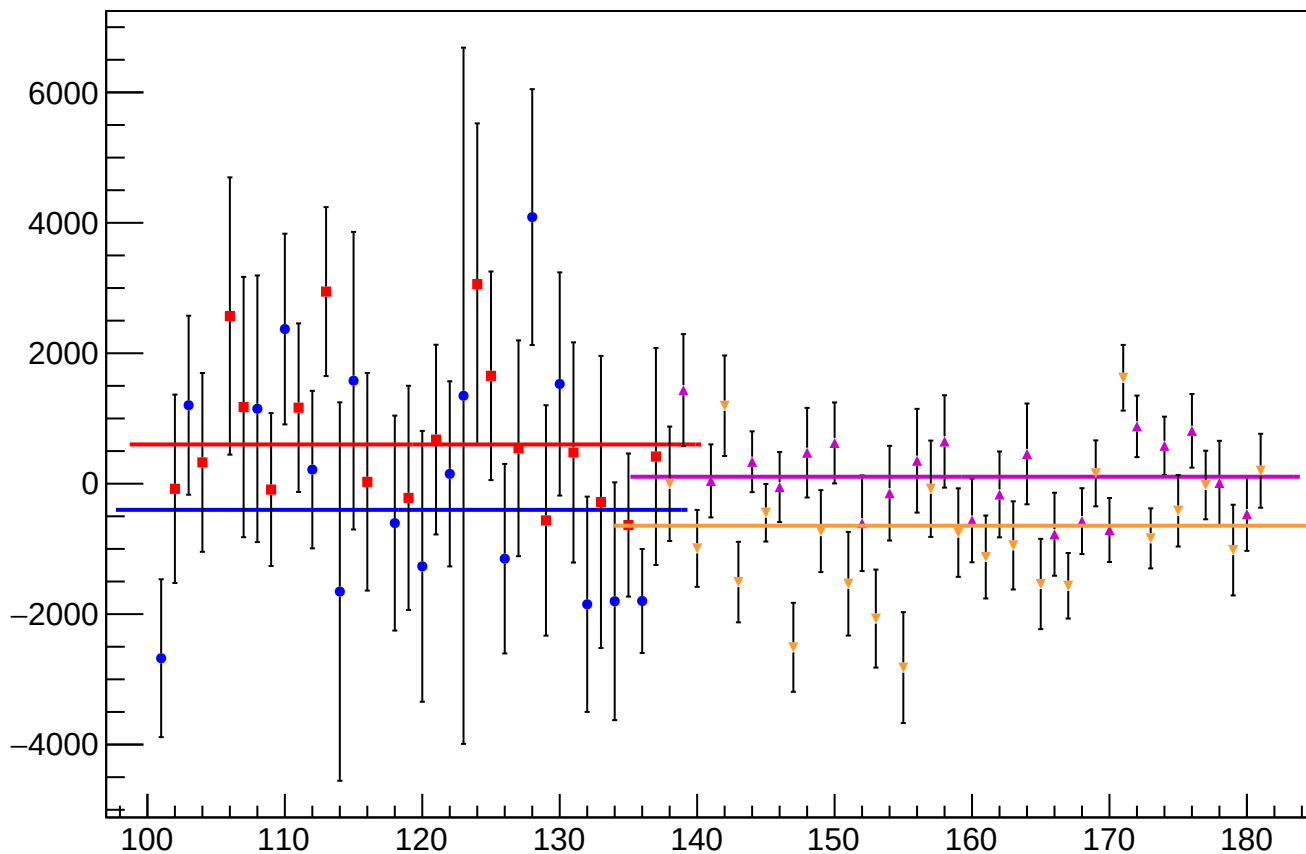
Right: 79.943+/-0.016 χ^2/NDF : 894523.3/34

In: 75.990+/-0.011 χ^2/NDF :1334104.5/37

Out: 74.975+/-0.011 χ^2/NDF :1859221.8/40

All: 75.465+/-0.008 χ^2/NDF : 3197385.9/78

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -644.100+/-126.563 χ^2/NDF : 61.1/22

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 106.874+/-129.327 χ^2/NDF : 19.9/20

Left: -276.722+/-90.455 χ^2/NDF : 98.1/43

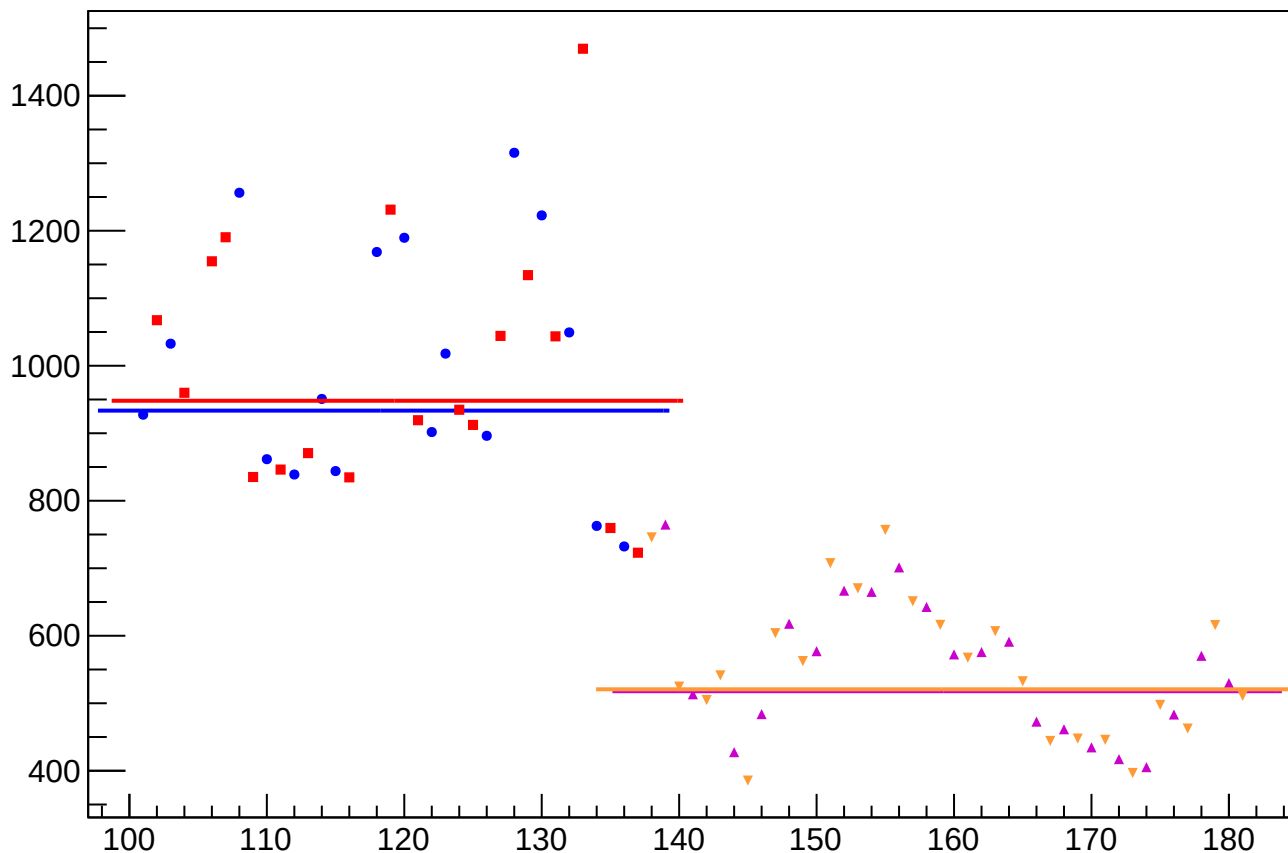
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 51.169+/-122.029 χ^2/NDF : 43.5/37

Out: -509.492+/-119.531 χ^2/NDF : 80.2/40

All: -234.958+/-85.391 χ^2/NDF : 134.5/78

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 520.658 $\pm$ 0.089 χ^2 /NDF:1194310.9/22

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 517.826 $\pm$ 0.091 χ^2 /NDF:1021868.9/20

Left: 519.272 $\pm$ 0.064 χ^2 /NDF: 2216669.8/43

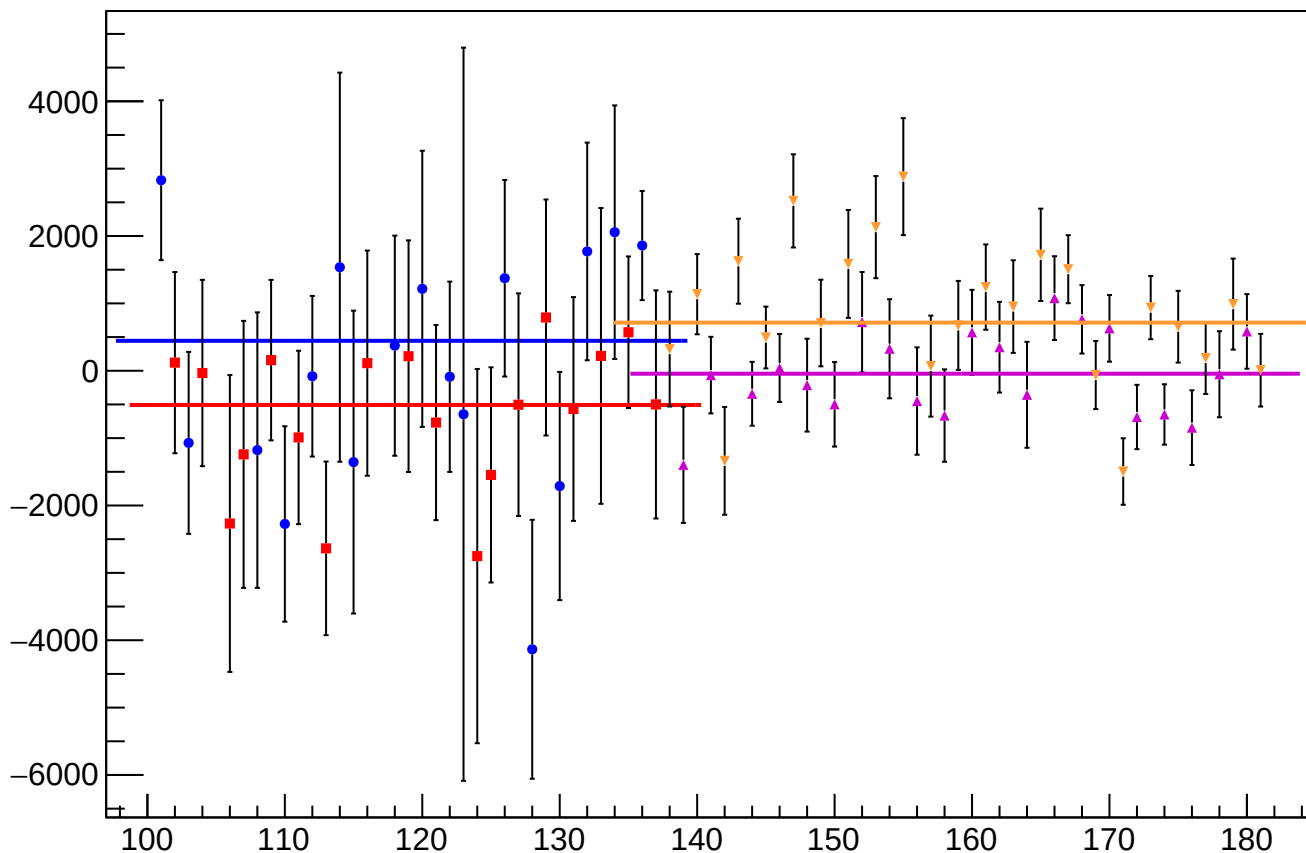
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 563.417 $\pm$ 0.086 χ^2 /NDF:3730513.5/37

Out: 566.839 $\pm$ 0.085 χ^2 /NDF:4064295.5/40

All: 565.164 $\pm$ 0.060 χ^2 /NDF: 7795611.7/78

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 714.366+/-126.877 χ^2/NDF : 59.0/22

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: 341.757+/-90.475 χ^2/NDF : 98.5/43

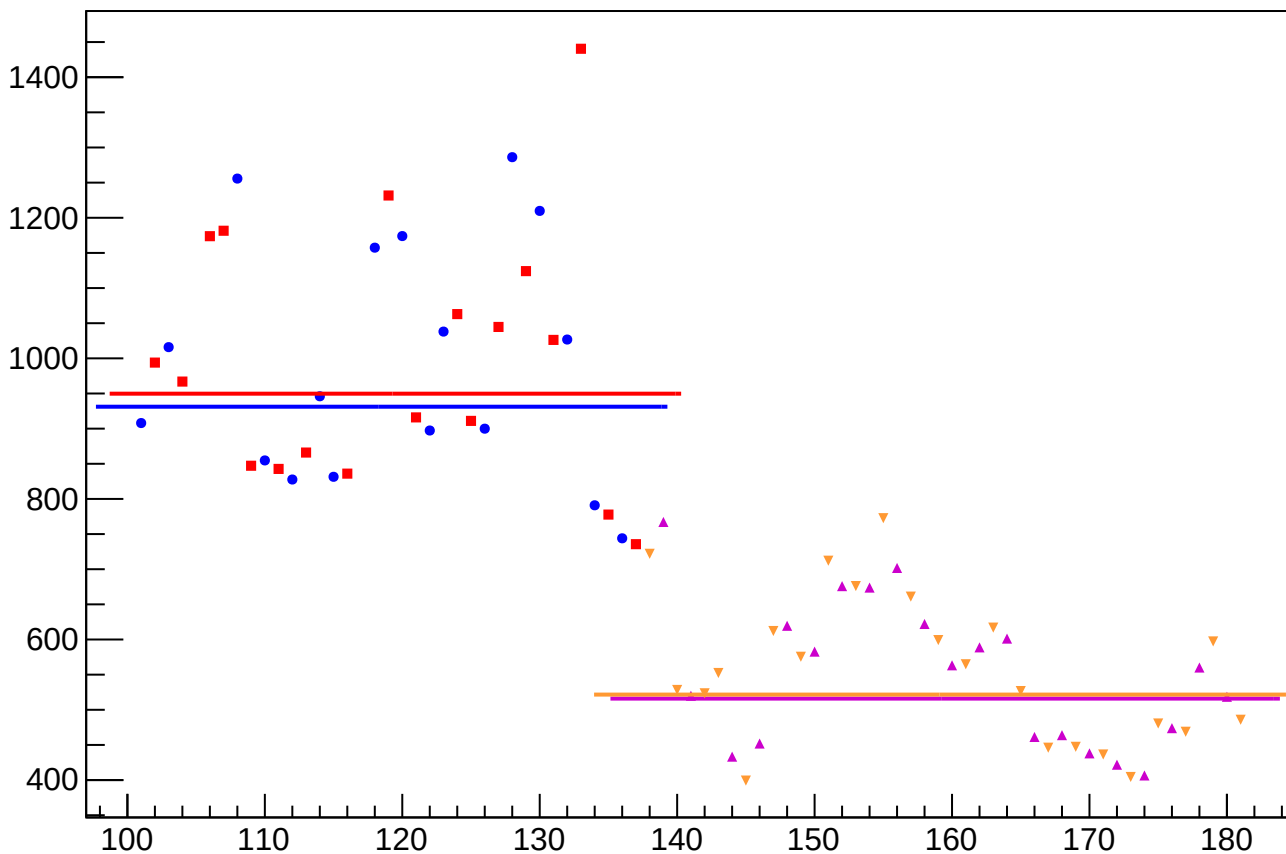
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 9.982+/-121.748 χ^2/NDF : 46.4/37

Out: 581.991+/-119.812 χ^2/NDF : 76.4/40

All: 300.572+/-85.396 χ^2/NDF : 134.0/78

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 521.634+/-0.090 χ^2/NDF : 1151373.1/22

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 515.916+/-0.091 χ^2/NDF : 1034489.6/20

Left: 518.824+/-0.064 χ^2/NDF : 2187858.6/43

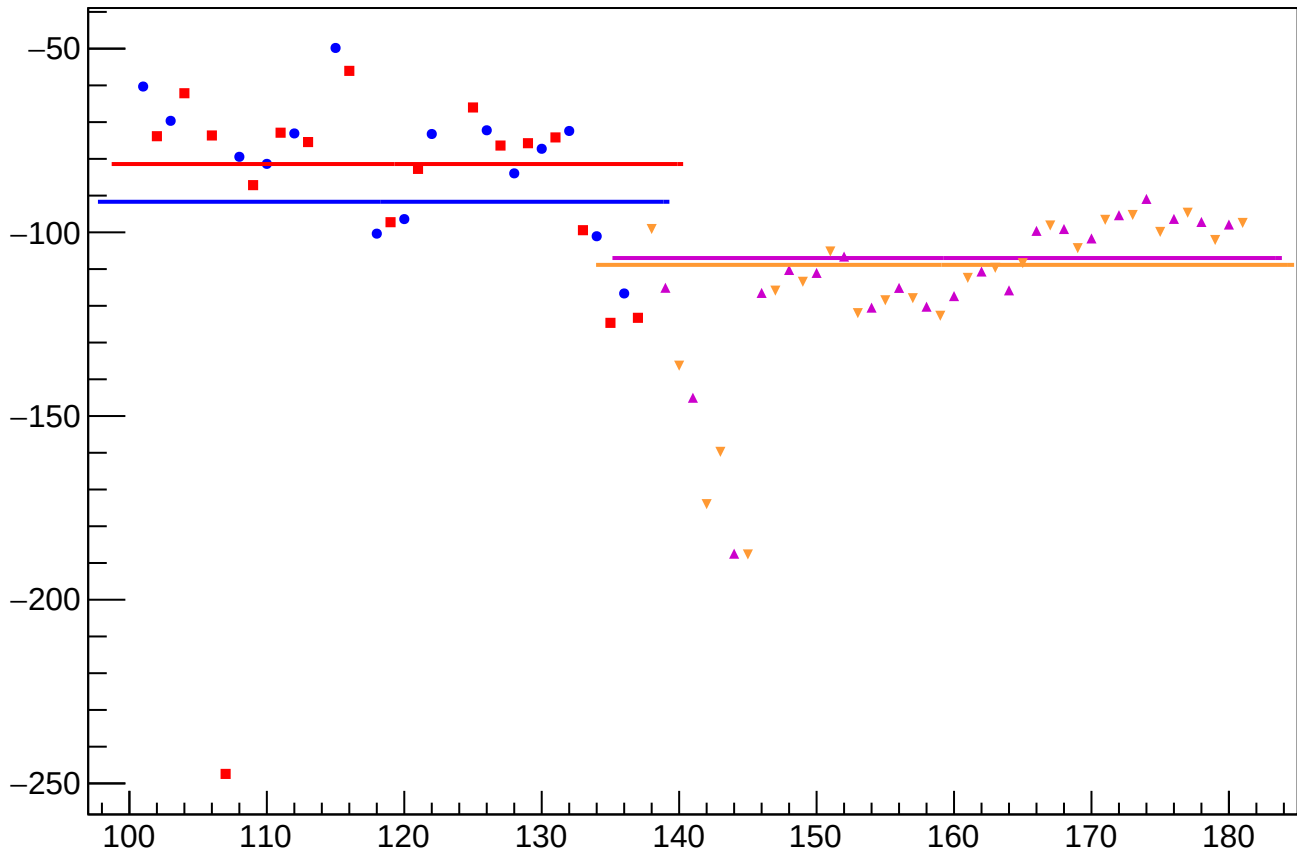
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 561.595+/-0.086 χ^2/NDF : 3712727.6/37

Out: 567.987+/-0.085 χ^2/NDF : 3982368.7/40

All: 564.842+/-0.060 χ^2/NDF : 7697897.0/78

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -108.855 ± 0.052 χ^2/NDF : 64864.2/22

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: -107.832 ± 0.035 χ^2/NDF : 176658.4/43

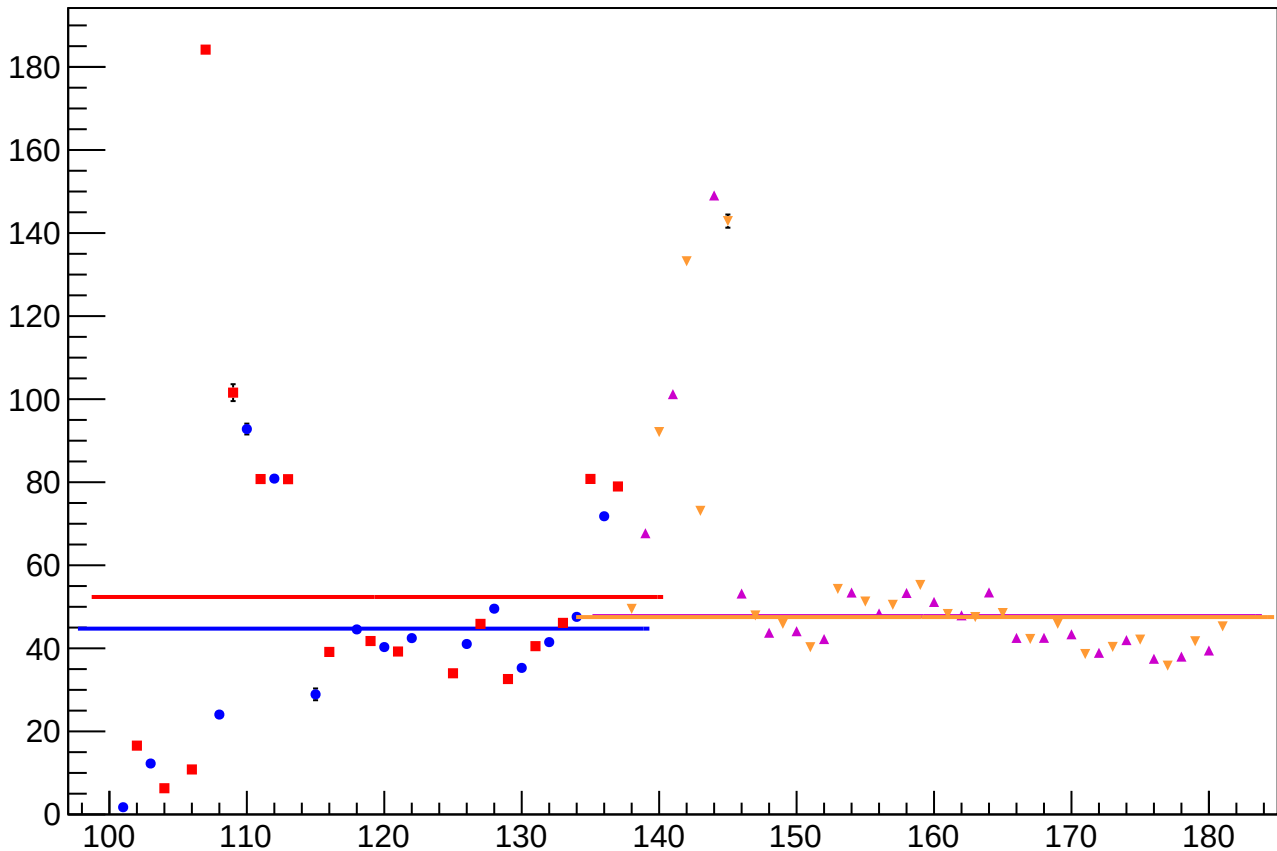
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.248 ± 0.039 χ^2/NDF : 208608.9/35

Out: -102.902 ± 0.046 χ^2/NDF : 167428.5/39

All: -102.523 ± 0.030 χ^2/NDF : 376155.4/75

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 47.526 $\pm$ 0.044 χ^2/NDF :60683.3/22

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: 47.656 $\pm$ 0.030 χ^2/NDF : 207405.7/43

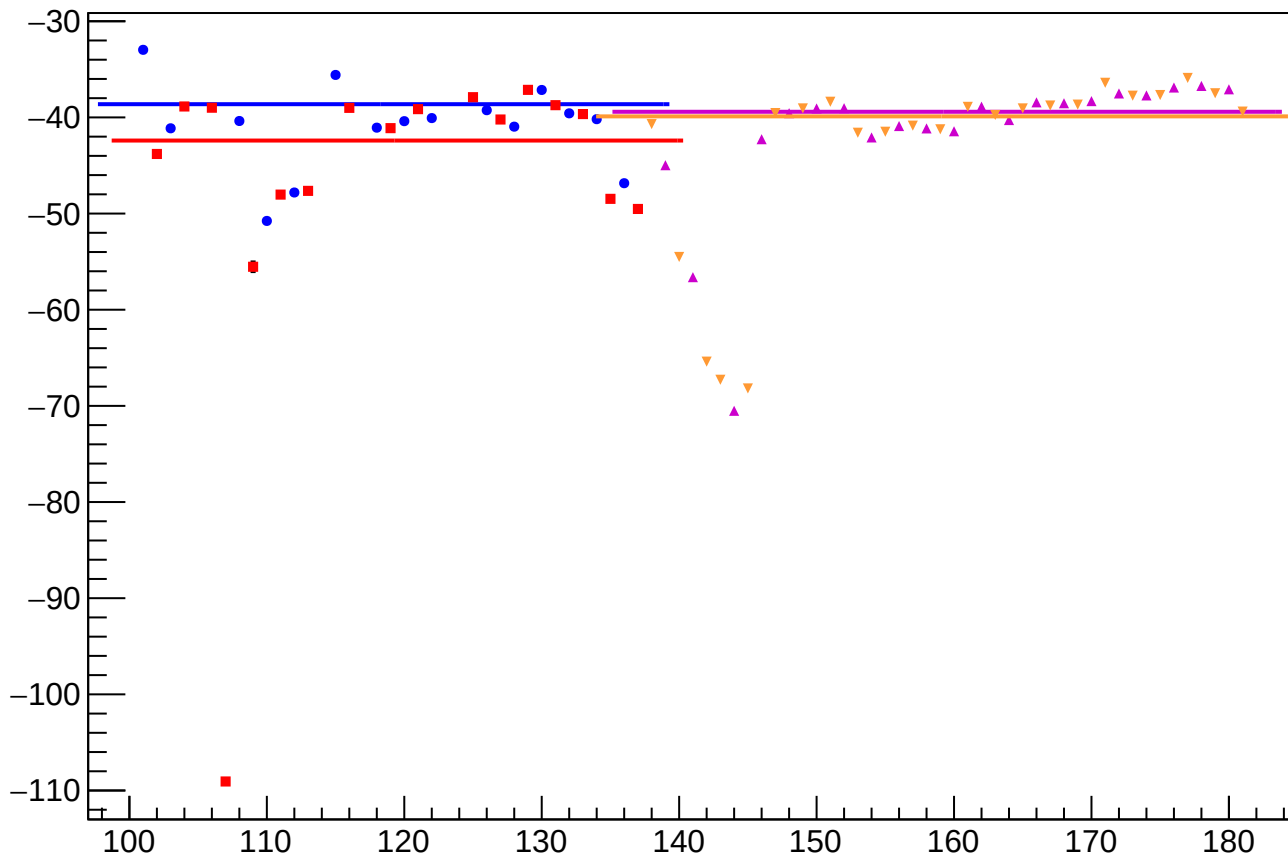
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 46.819 $\pm$ 0.034 χ^2/NDF :233114.7/35

Out: 48.157 $\pm$ 0.041 χ^2/NDF :131576.8/39

All: 47.369 $\pm$ 0.026 χ^2/NDF : 365329.2/75

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 $\pm$ 0.008 χ^2 /NDF: 240108.7/14

Left Out: -39.893 $\pm$ 0.007 χ^2 /NDF: 249294.4/22

Right Out: -42.406 $\pm$ 0.021 χ^2 /NDF: 269138.5/16

Left In: -39.414 $\pm$ 0.007 χ^2 /NDF: 217813.3/20

Left: -39.669 $\pm$ 0.005 χ^2 /NDF: 469597.0/43

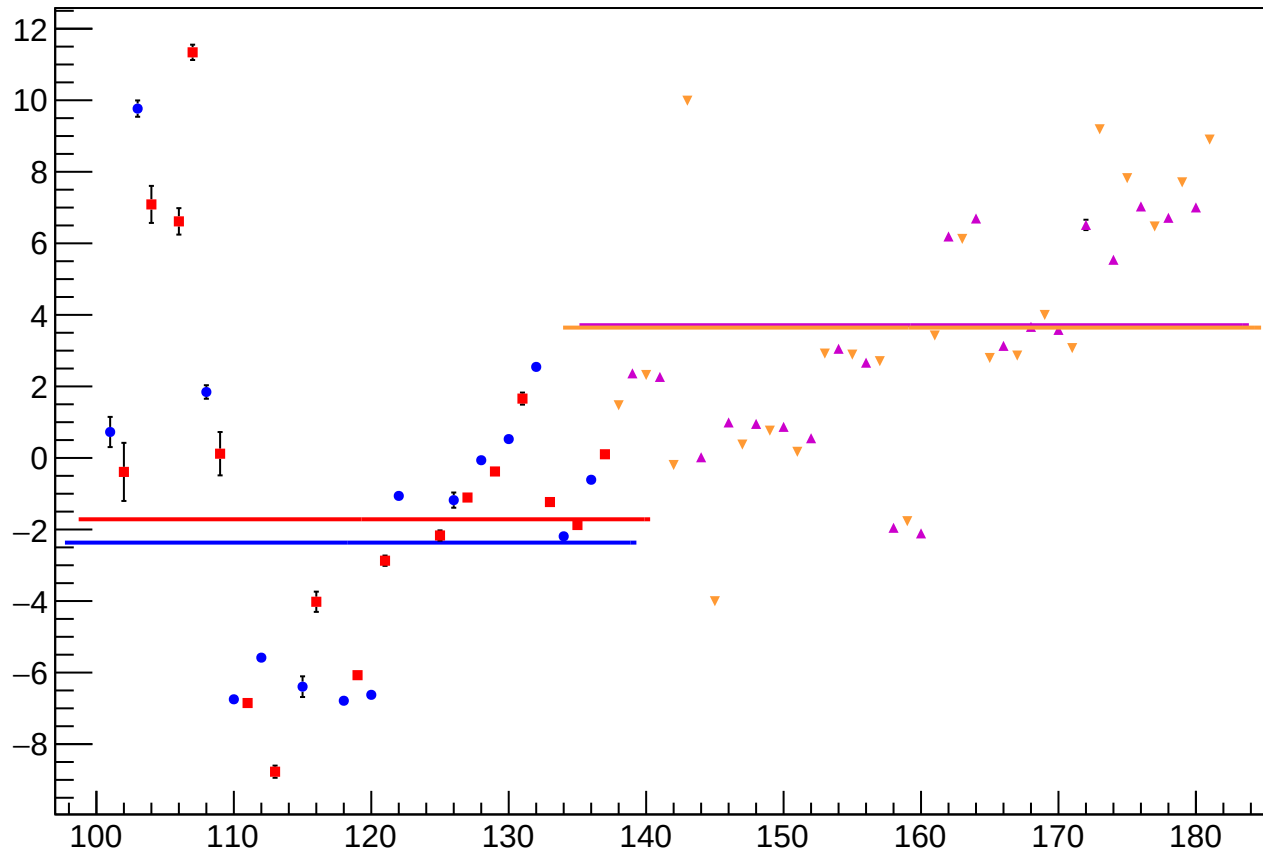
Right: -39.121 $\pm$ 0.008 χ^2 /NDF: 536660.1/31

In: -39.084 $\pm$ 0.005 χ^2 /NDF: 463218.5/35

Out: -40.111 $\pm$ 0.006 χ^2 /NDF: 531161.2/39

All: -39.517 $\pm$ 0.004 χ^2 /NDF: 1009909.0/75

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.644 ± 0.007 χ^2/NDF : 193583.1/22

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.711 ± 0.006 χ^2/NDF : 219865.1/20

Left: 3.684 ± 0.005 χ^2/NDF : 413500.1/43

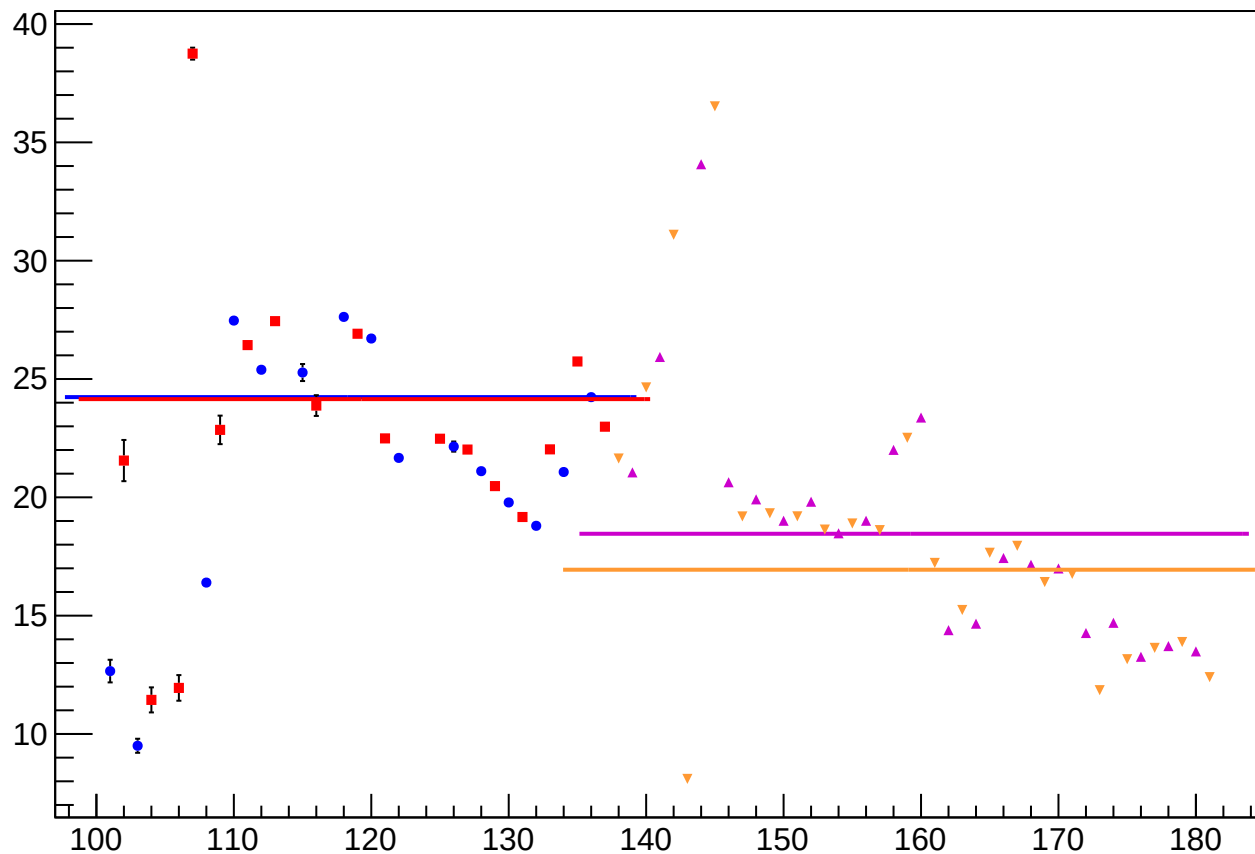
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.793 ± 0.005 χ^2/NDF : 406997.9/35

Out: 3.295 ± 0.007 χ^2/NDF : 243154.0/39

All: 2.987 ± 0.004 χ^2/NDF : 653401.3/75

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.941 $\pm$ 0.007 χ^2 /NDF:177319.5/22

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: 17.697 $\pm$ 0.005 χ^2 /NDF: 412817.0/43

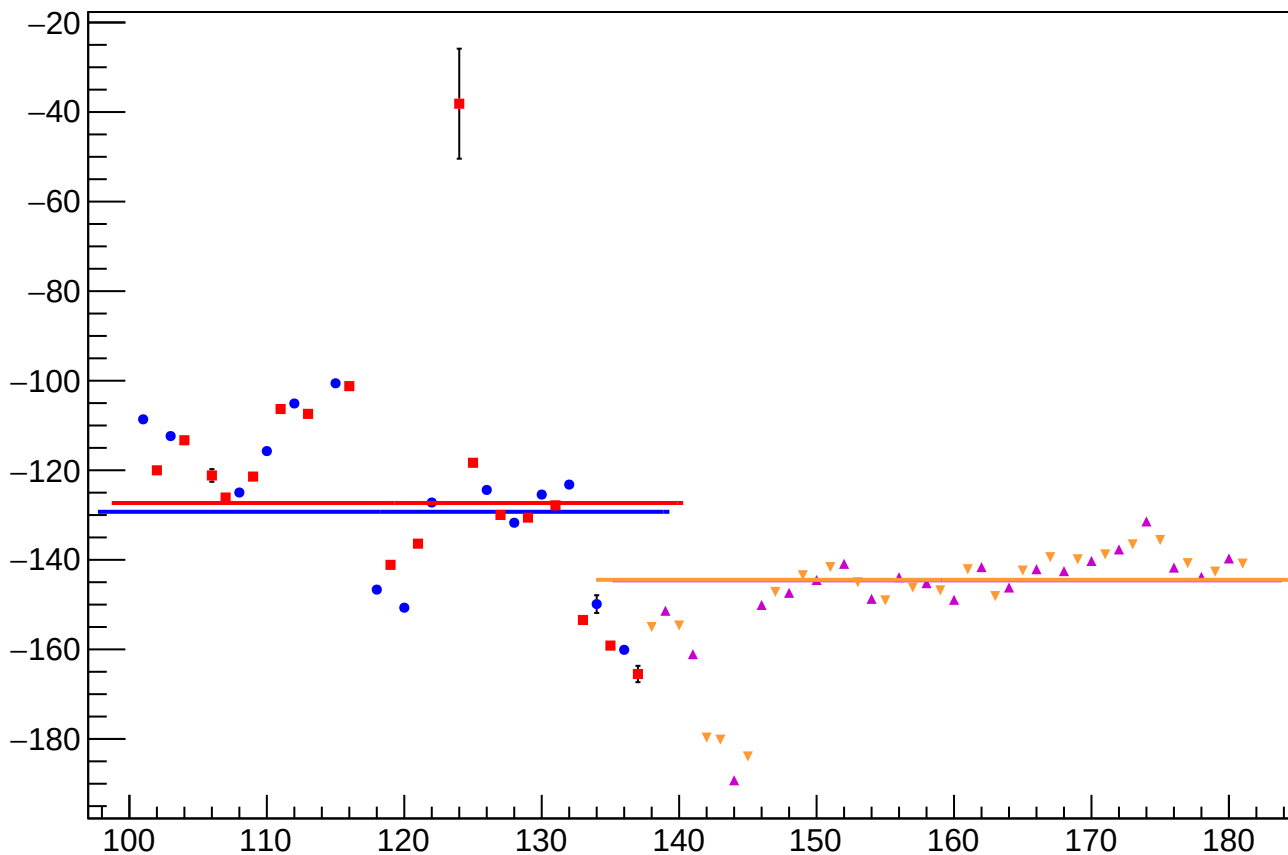
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 19.023 $\pm$ 0.007 χ^2 /NDF:297307.8/35

Out: 17.520 $\pm$ 0.007 χ^2 /NDF:271009.6/39

All: 18.275 $\pm$ 0.005 χ^2 /NDF: 592100.8/75

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.462 ± 0.042 χ^2/NDF : 42279.4/22

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: -144.511 ± 0.031 χ^2/NDF : 75417.4/43

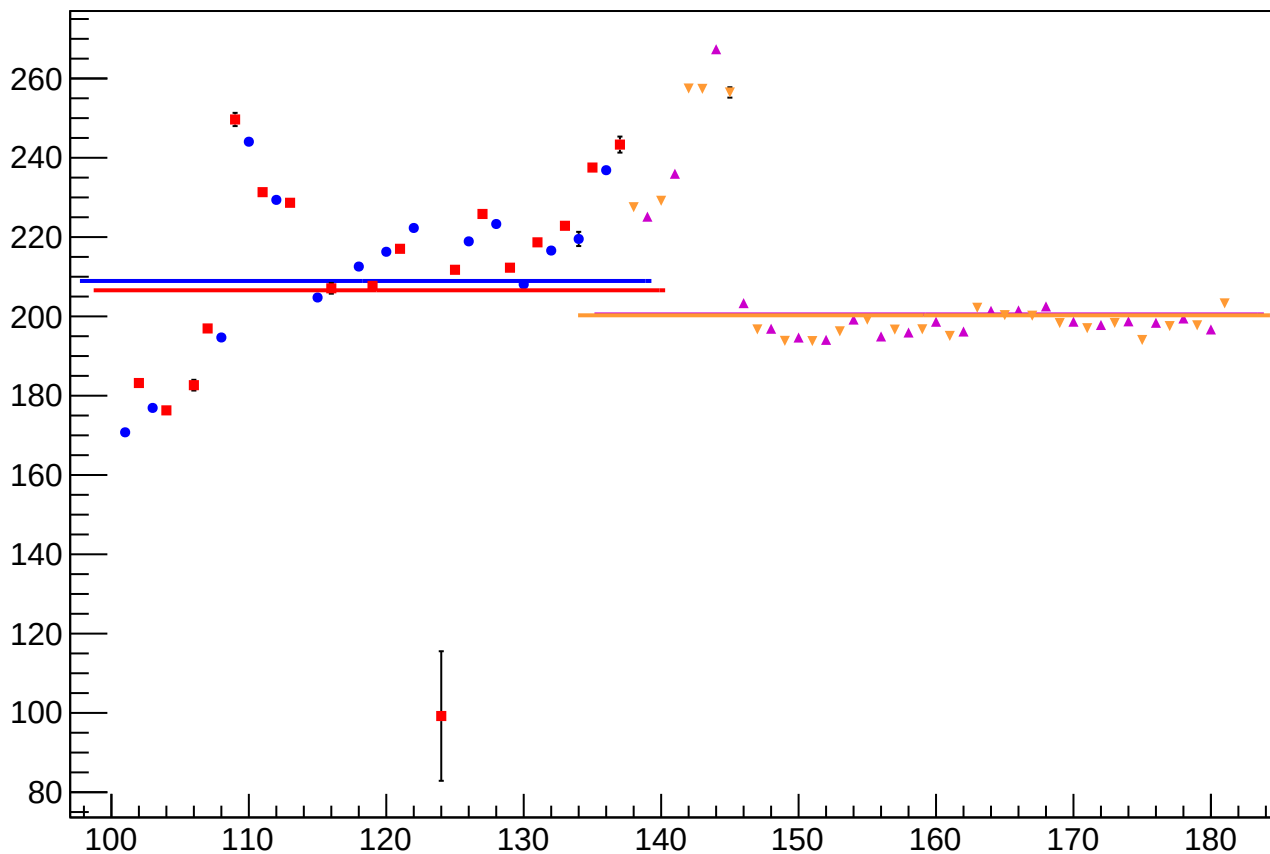
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.262 ± 0.041 χ^2/NDF : 92049.9/35

Out: -140.988 ± 0.038 χ^2/NDF : 104906.1/40

All: -141.115 ± 0.028 χ^2/NDF : 196980.3/76

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.273 $\pm$ 0.035 χ^2 /NDF:109203.1/22

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: 200.371 $\pm$ 0.026 χ^2 /NDF: 186945.6/43

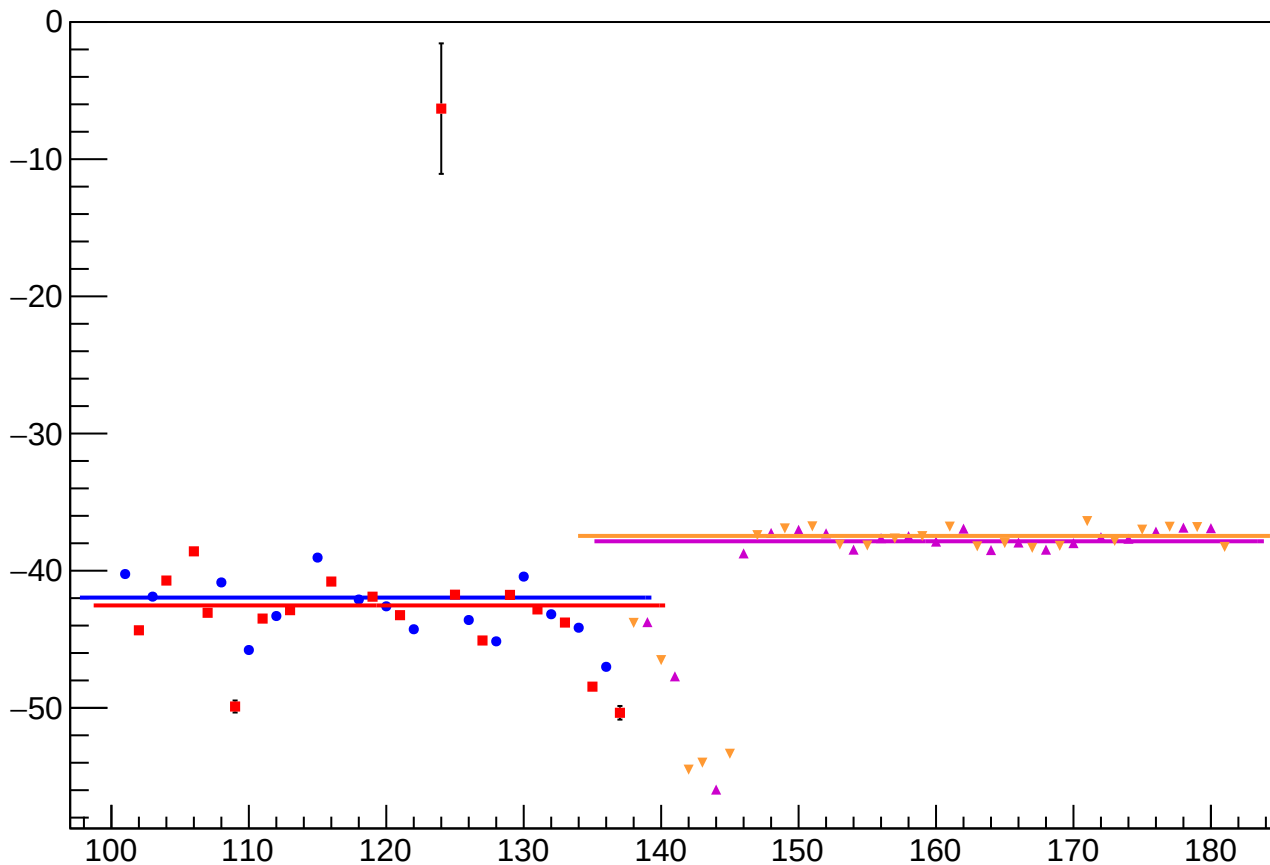
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.909 $\pm$ 0.036 χ^2 /NDF:129856.1/35

Out: 201.224 $\pm$ 0.032 χ^2 /NDF:162297.4/40

All: 201.525 $\pm$ 0.024 χ^2 /NDF: 292351.4/76

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.463 ± 0.004 χ^2/NDF : 231497.7/22

Right Out: -42.532 ± 0.021 χ^2/NDF : 6137.0/17

Left In: -37.855 ± 0.004 χ^2/NDF : 142349.0/20

Left: -37.633 ± 0.003 χ^2/NDF : 378536.9/43

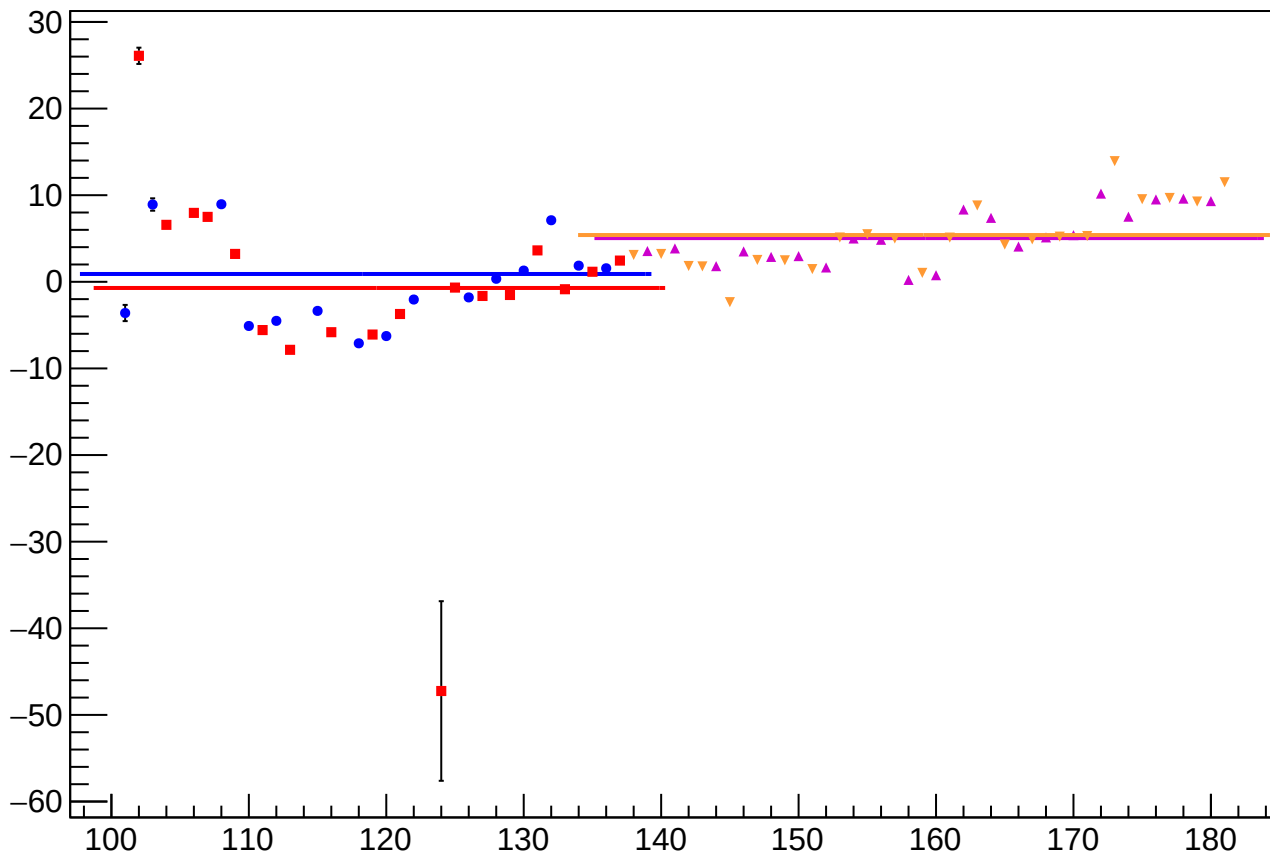
Right: -42.168 ± 0.012 χ^2/NDF : 30855.6/32

In: -38.146 ± 0.004 χ^2/NDF : 230845.4/35

Out: -37.627 ± 0.004 χ^2/NDF : 295916.1/40

All: -37.857 ± 0.003 χ^2/NDF : 535448.7/76

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 5.400 ± 0.006 χ^2/NDF : 281655.8/22

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: 5.253 ± 0.004 χ^2/NDF : 450989.9/43

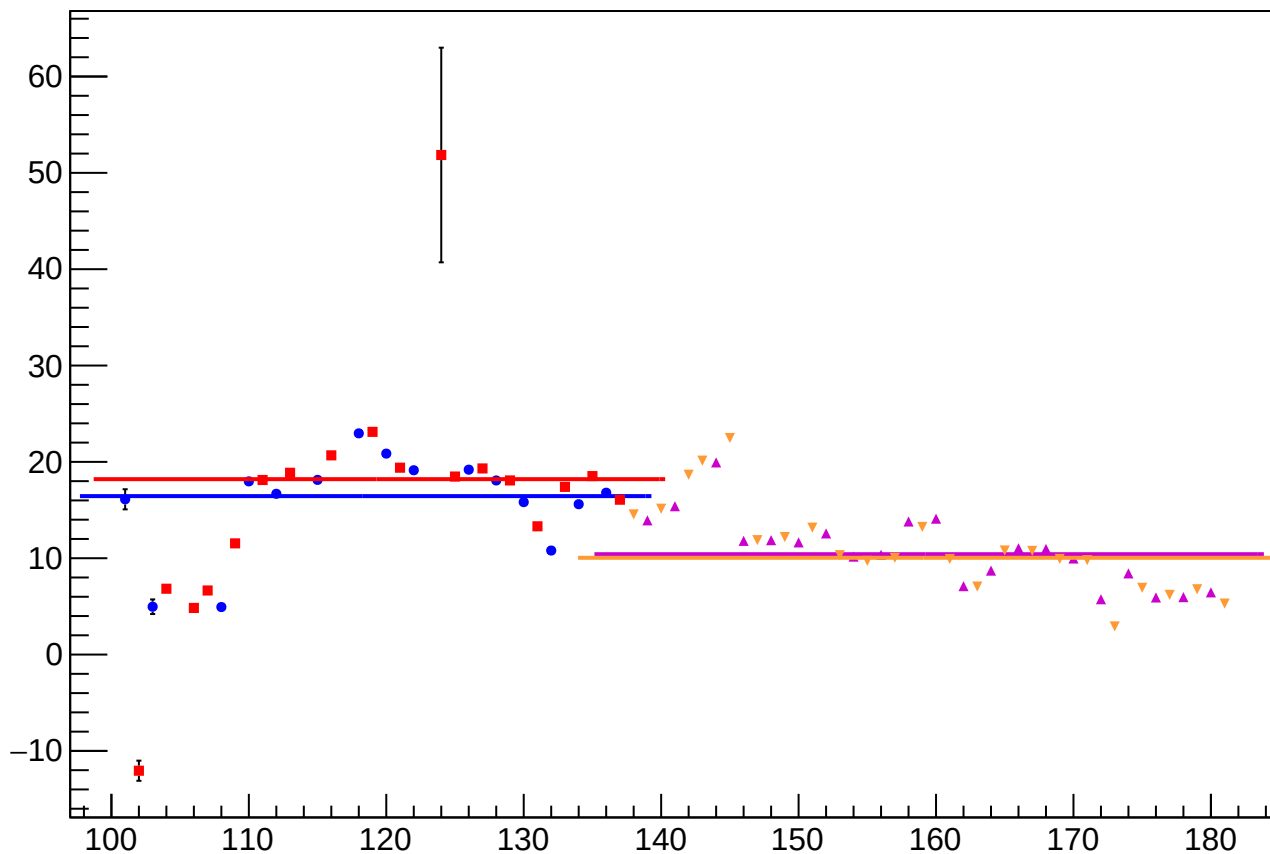
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.616 ± 0.006 χ^2/NDF : 227193.4/35

Out: 5.074 ± 0.006 χ^2/NDF : 372244.3/40

All: 4.877 ± 0.004 χ^2/NDF : 602303.7/76

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 10.045 ± 0.007 $\chi^2/\text{NDF}: 203234.6/22$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.418 ± 0.008 $\chi^2/\text{NDF}: 126287.2/20$

Left: 10.208 ± 0.005 $\chi^2/\text{NDF}: 330673.8/43$

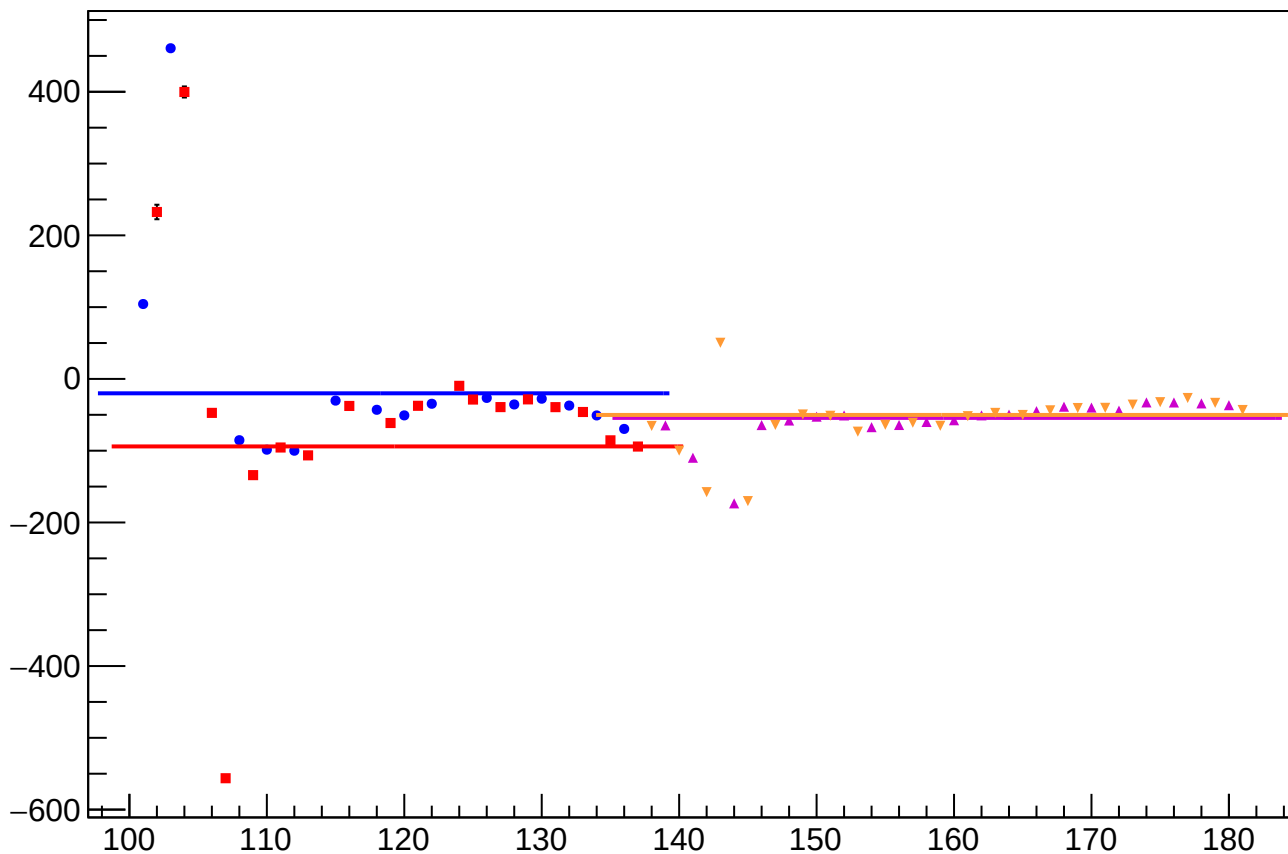
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 11.035 ± 0.008 $\chi^2/\text{NDF}: 195248.0/35$

Out: 10.957 ± 0.007 $\chi^2/\text{NDF}: 372463.1/40$

All: 10.991 ± 0.005 $\chi^2/\text{NDF}: 567766.8/76$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.197 ± 0.090 $\chi^2/\text{NDF}: 59932.4/22$

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: -51.958 ± 0.068 $\chi^2/\text{NDF}: 119613.1/43$

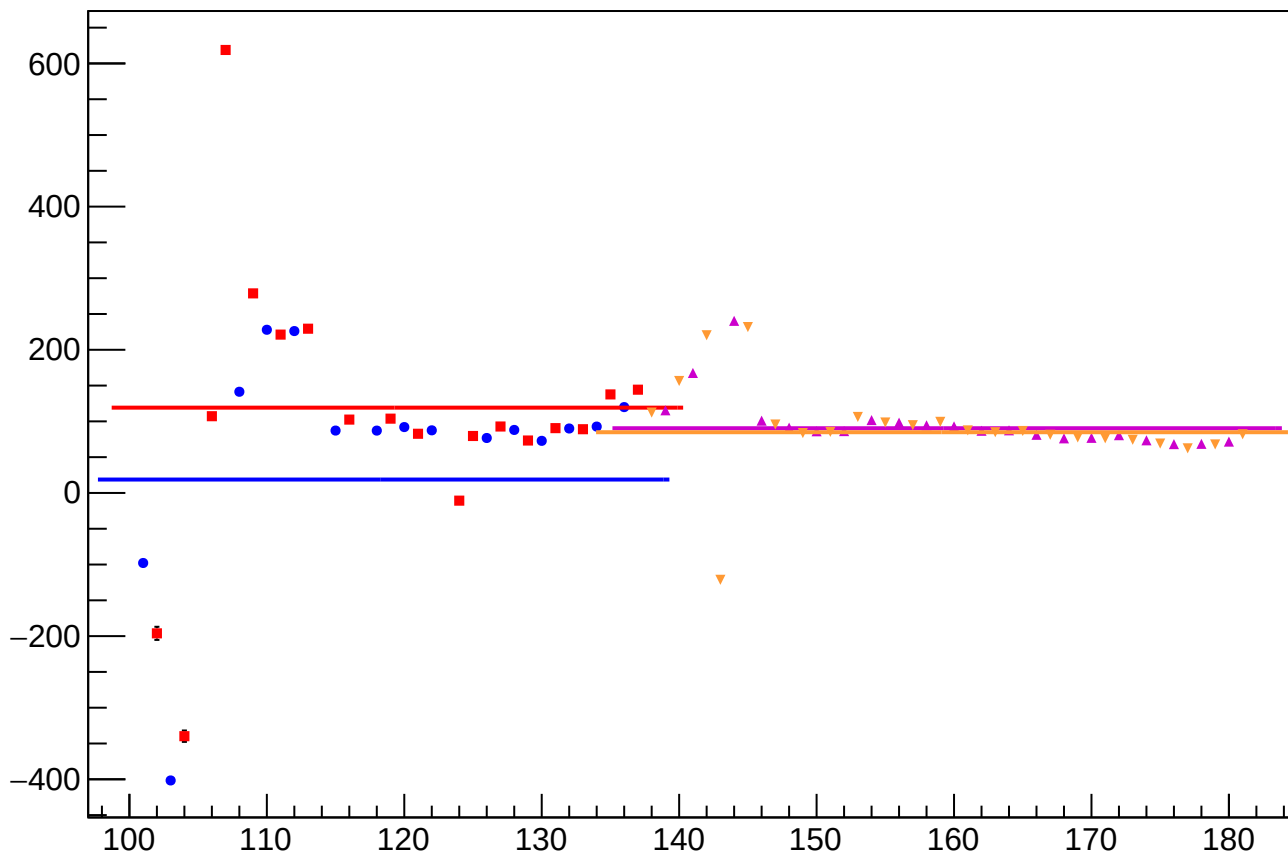
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -43.485 ± 0.086 $\chi^2/\text{NDF}: 534456.3/35$

Out: -93.233 ± 0.012 $\chi^2/\text{NDF}: 379323.9/40$

All: -92.234 ± 0.012 $\chi^2/\text{NDF}: 1241142.8/76$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Left: 87.267 +/- 0.060 χ^2/NDF : 263398.4/43

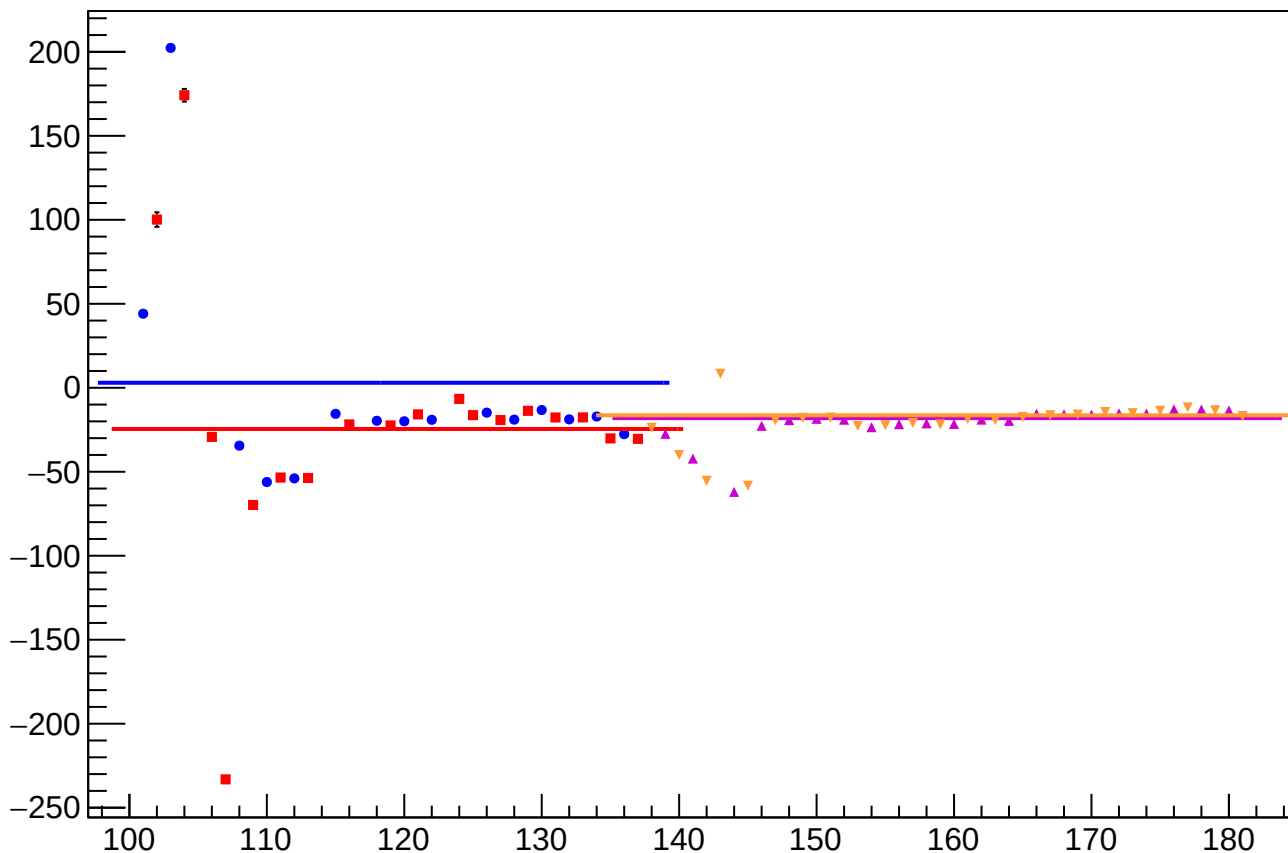
Right: 55.701 +/- 0.121 χ^2/NDF : 1349806.5/32

In: 71.665 +/- 0.078 χ^2/NDF : 1348052.8/35

Out: 89.562 +/- 0.074 χ^2/NDF : 292115.4/40

All: 81.067 +/- 0.054 χ^2/NDF : 1667992.6/76

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.375 ± 0.011 $\chi^2/\text{NDF}: 580654.7/22$

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: -17.124 ± 0.008 $\chi^2/\text{NDF}: 808616.0/43$

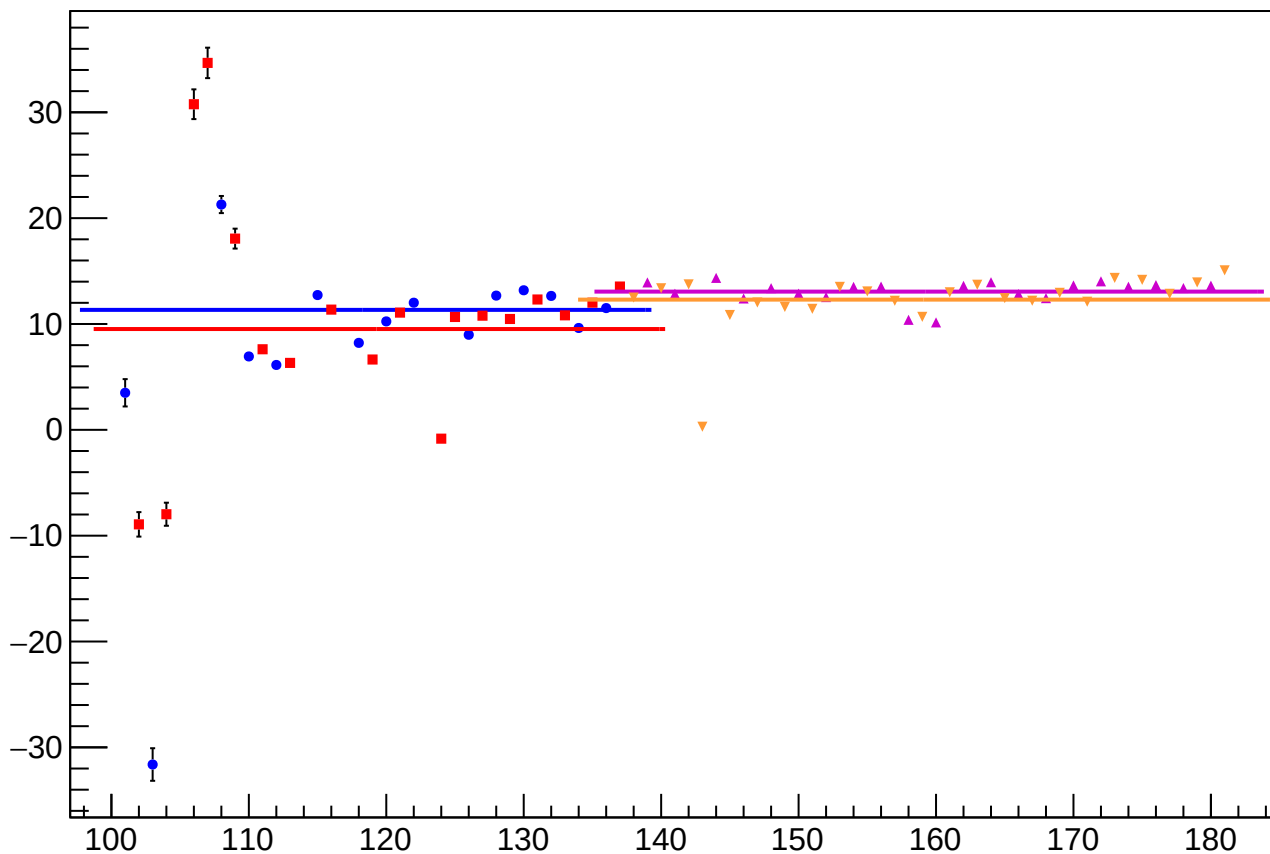
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.467 ± 0.011 $\chi^2/\text{NDF}: 4222654.1/35$

Out: -16.849 ± 0.011 $\chi^2/\text{NDF}: 790077.3/40$

All: -15.725 ± 0.008 $\chi^2/\text{NDF}: 5036944.1/76$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 ± 0.037 $\chi^2/\text{NDF}: 2406.0/14$

Left Out: 12.302 ± 0.014 $\chi^2/\text{NDF}: 34867.4/22$

Right Out: 9.524 ± 0.048 $\chi^2/\text{NDF}: 4066.9/17$

Left In: 13.059 ± 0.011 $\chi^2/\text{NDF}: 6617.6/20$

Left: 12.758 ± 0.009 $\chi^2/\text{NDF}: 43248.6/43$

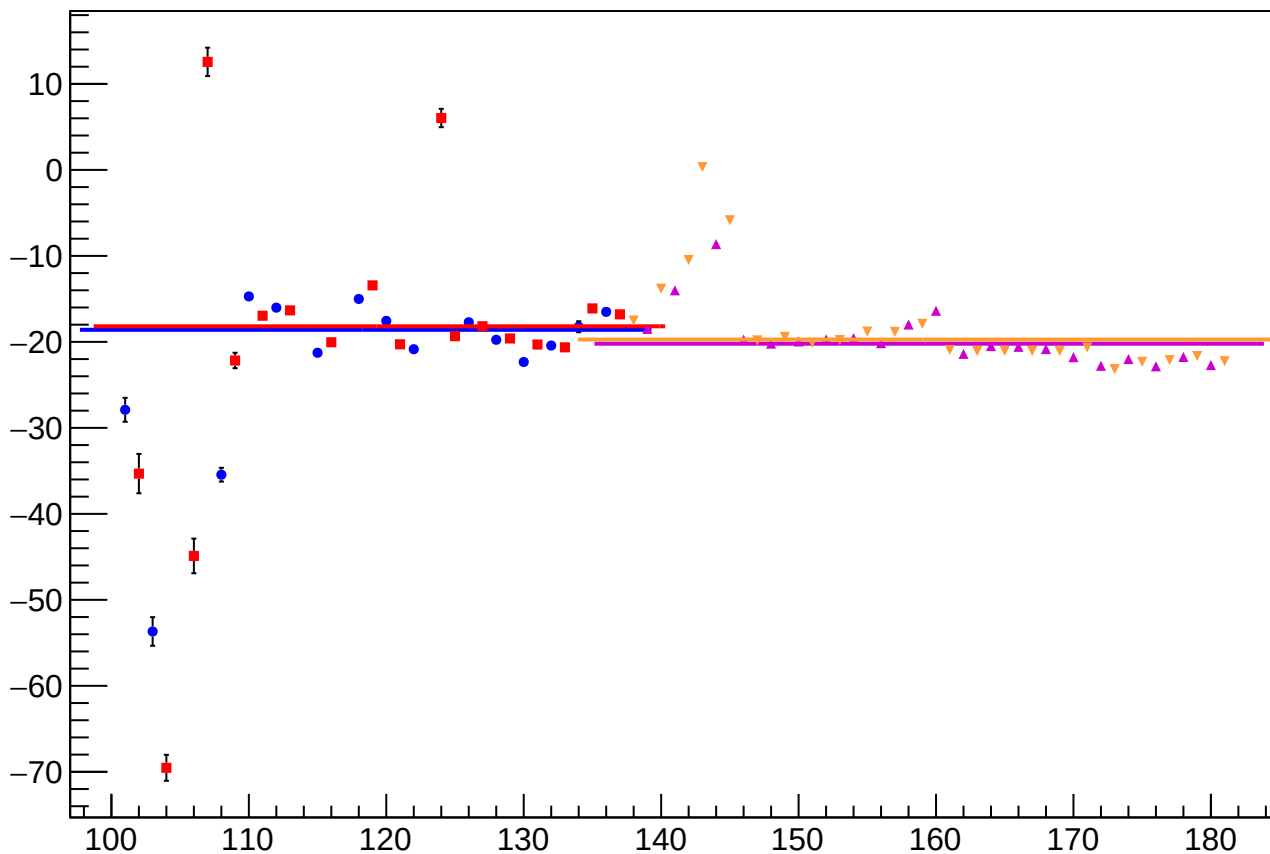
Right: 10.651 ± 0.029 $\chi^2/\text{NDF}: 7358.3/32$

In: 12.913 ± 0.011 $\chi^2/\text{NDF}: 10974.8/35$

Out: 12.085 ± 0.013 $\chi^2/\text{NDF}: 42021.0/40$

All: 12.585 ± 0.008 $\chi^2/\text{NDF}: 55293.0/76$

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -19.727 ± 0.015 χ^2/NDF : 65472.6/22

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: -19.967 ± 0.011 χ^2/NDF : 83391.6/43

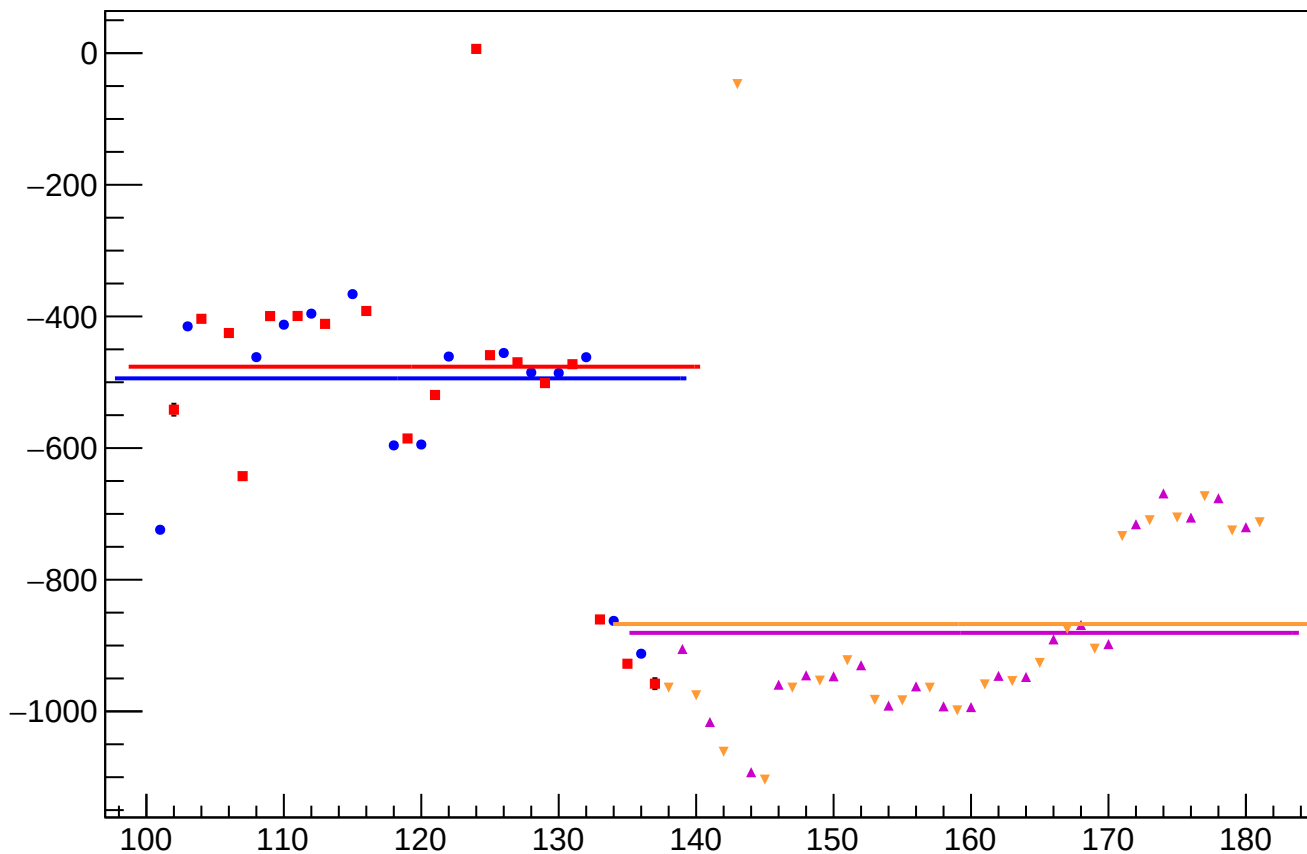
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.977 ± 0.014 χ^2/NDF : 25218.0/35

Out: -19.595 ± 0.015 χ^2/NDF : 71237.7/40

All: -19.790 ± 0.010 χ^2/NDF : 96808.9/76

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -867.340 ± 0.149 $\chi^2/\text{NDF}: 871831.4/22$

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: -874.007 ± 0.106 $\chi^2/\text{NDF}: 1567517.9/43$

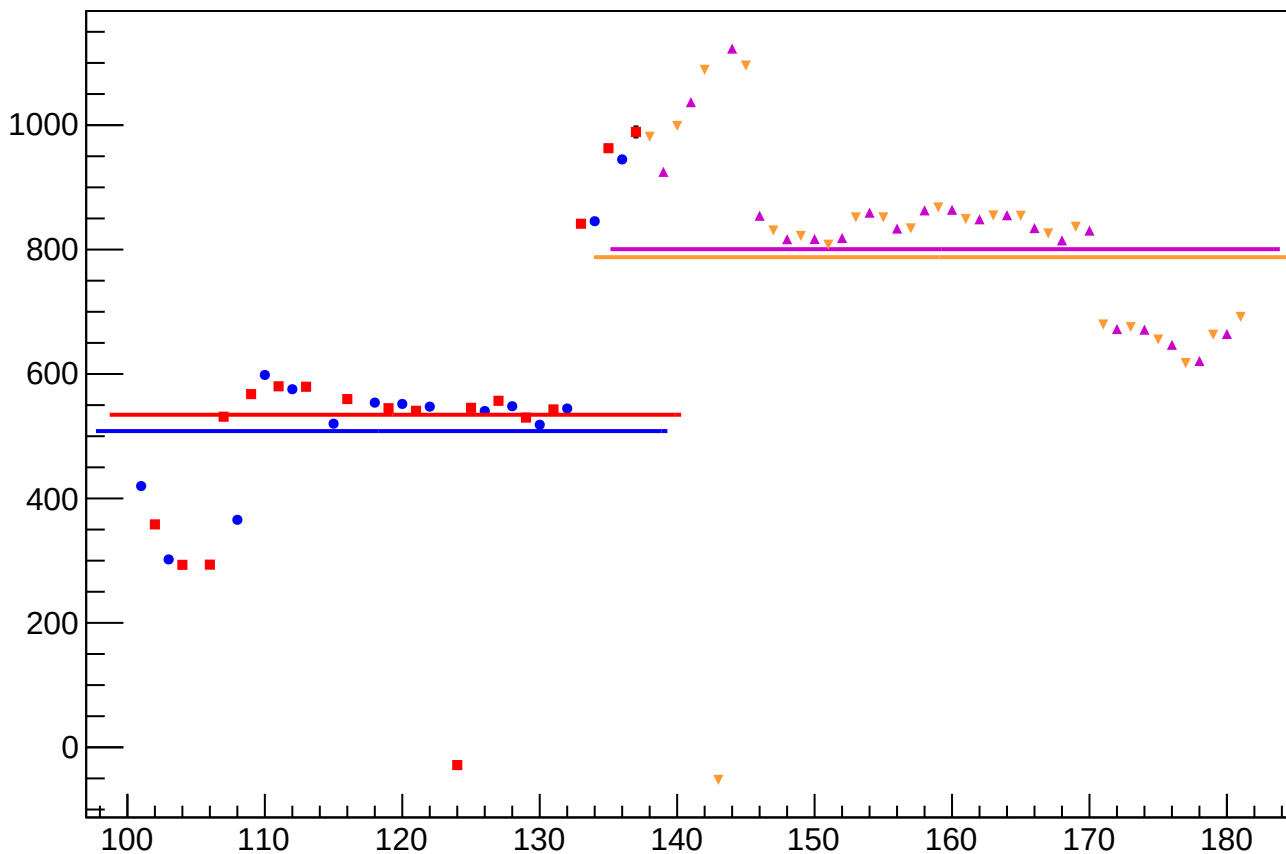
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -767.346 ± 0.126 $\chi^2/\text{NDF}: 2978911.2/35$

Out: -713.462 ± 0.116 $\chi^2/\text{NDF}: 4171027.9/40$

All: -738.282 ± 0.085 $\chi^2/\text{NDF}: 7249093.3/76$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 787.782 $\pm$ 0.123 χ^2 /NDF:828513.2/22

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 800.673 $\pm$ 0.125 χ^2 /NDF:586193.6/20

Left: 794.133 $\pm$ 0.088 χ^2 /NDF: 1420107.4/43

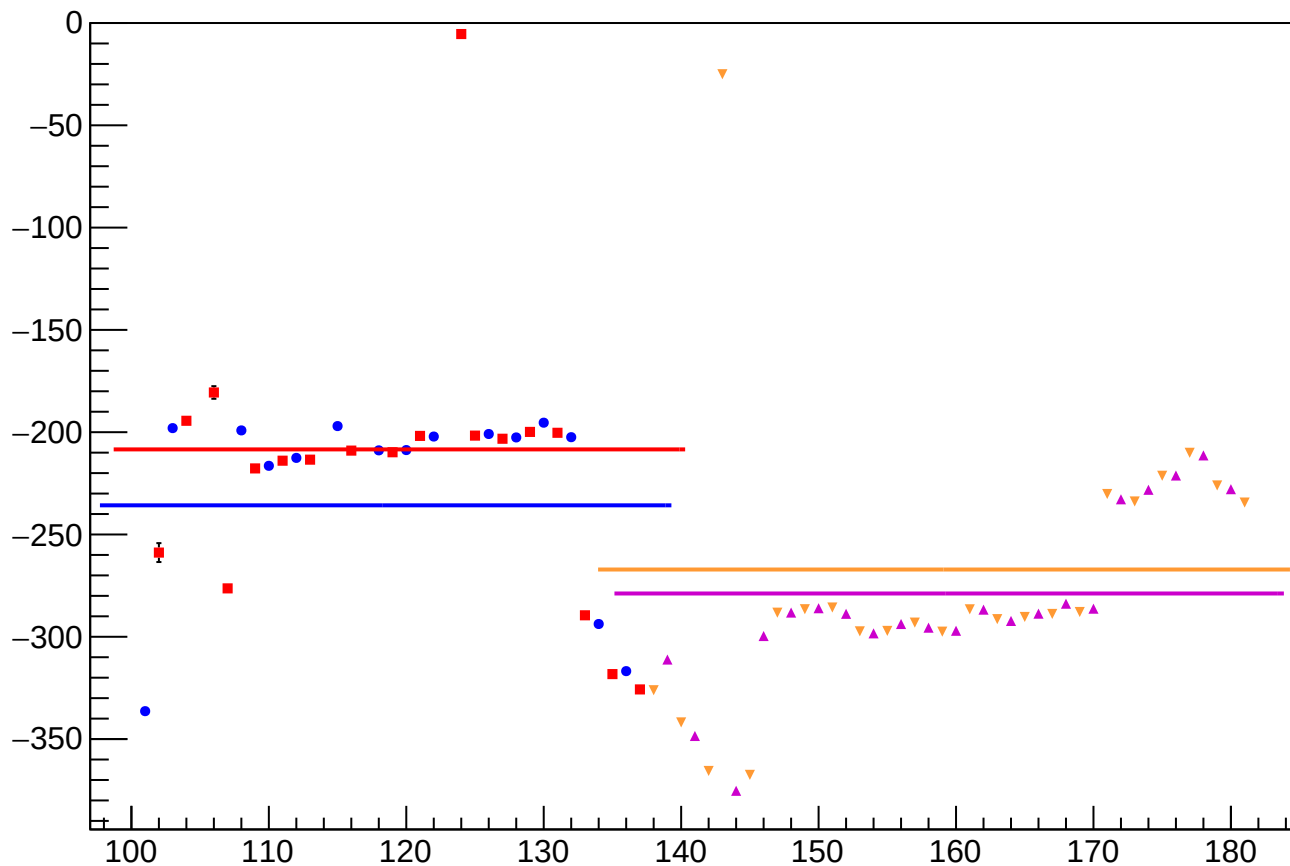
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 730.175 $\pm$ 0.109 χ^2 /NDF:2346205.6/35

Out: 726.181 $\pm$ 0.107 χ^2 /NDF:2225796.3/40

All: 728.146 $\pm$ 0.076 χ^2 /NDF: 4572686.1/76

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -267.124 ± 0.022 $\chi^2/\text{NDF}: 7164577.2/22$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -278.841 ± 0.022 $\chi^2/\text{NDF}: 2133710.5/20$

Left: -272.932 ± 0.016 $\chi^2/\text{NDF}: 9435892.2/43$

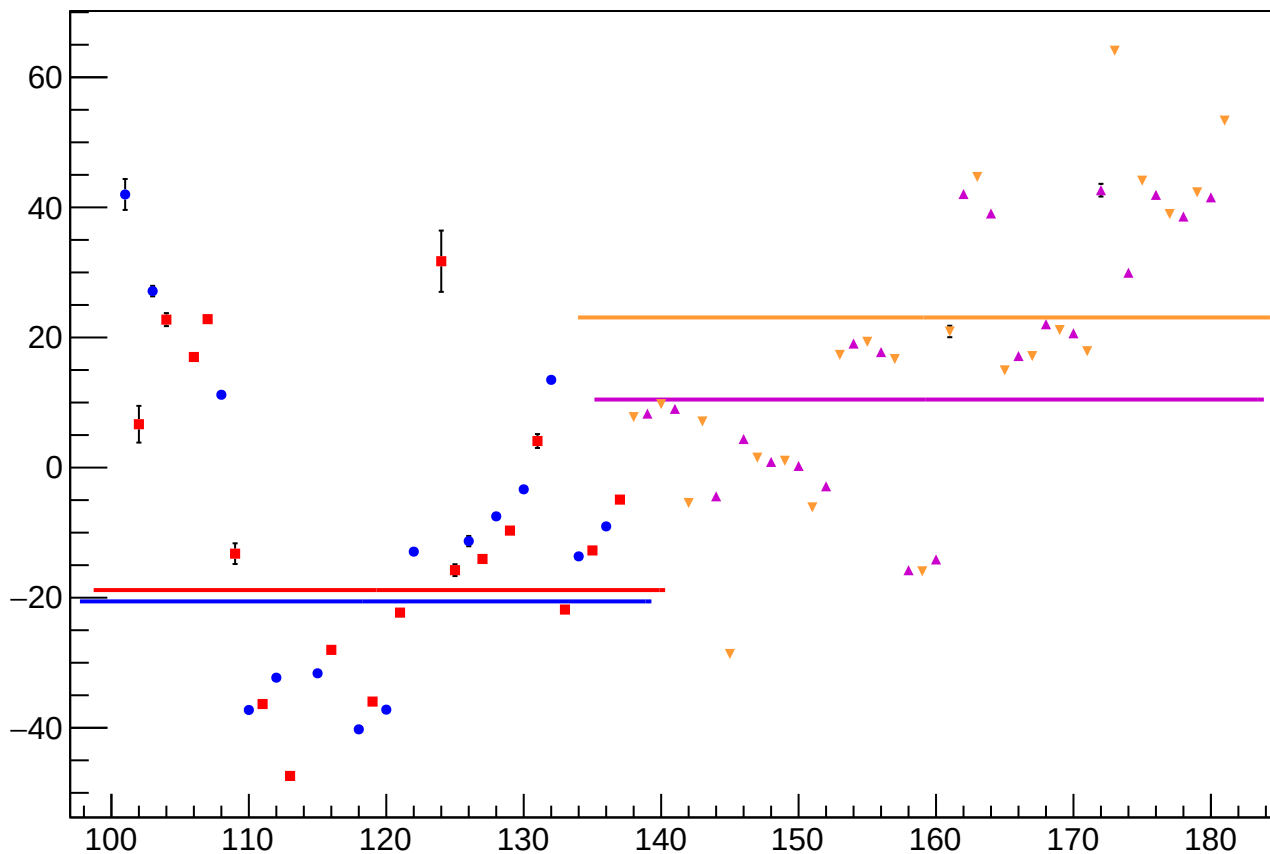
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -272.738 ± 0.021 $\chi^2/\text{NDF}: 3532612.0/35$

Out: -256.287 ± 0.020 $\chi^2/\text{NDF}: 8825930.7/40$

All: -264.231 ± 0.014 $\chi^2/\text{NDF}: 12682569.0/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 23.078 ± 0.020 χ^2/NDF : 1015082.5/22

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 10.459 ± 0.018 χ^2/NDF : 1182790.8/20

Left: 16.319 ± 0.013 χ^2/NDF : 2415218.0/43

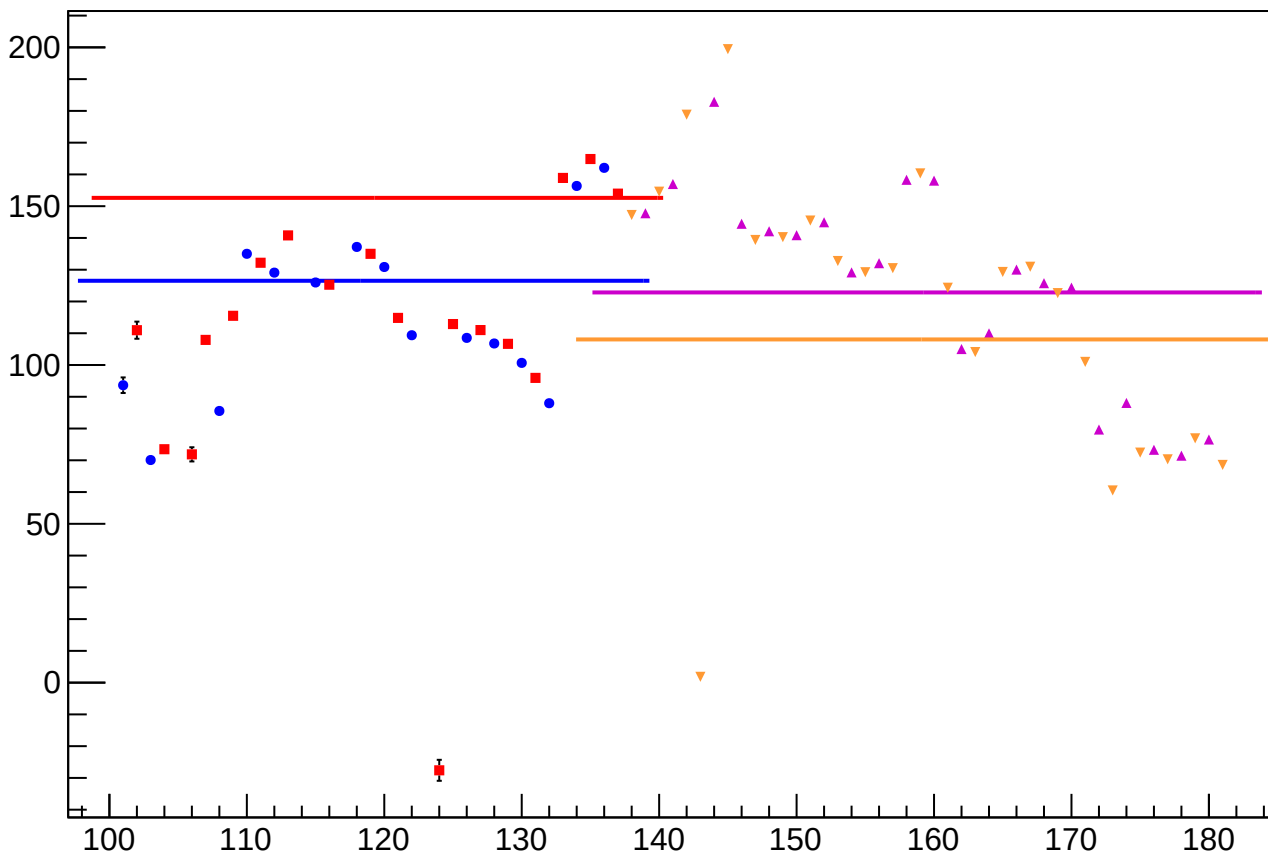
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 8.515 ± 0.018 χ^2/NDF : 1423517.7/35

Out: 21.714 ± 0.019 χ^2/NDF : 1181601.4/40

All: 14.540 ± 0.013 χ^2/NDF : 2854518.3/76

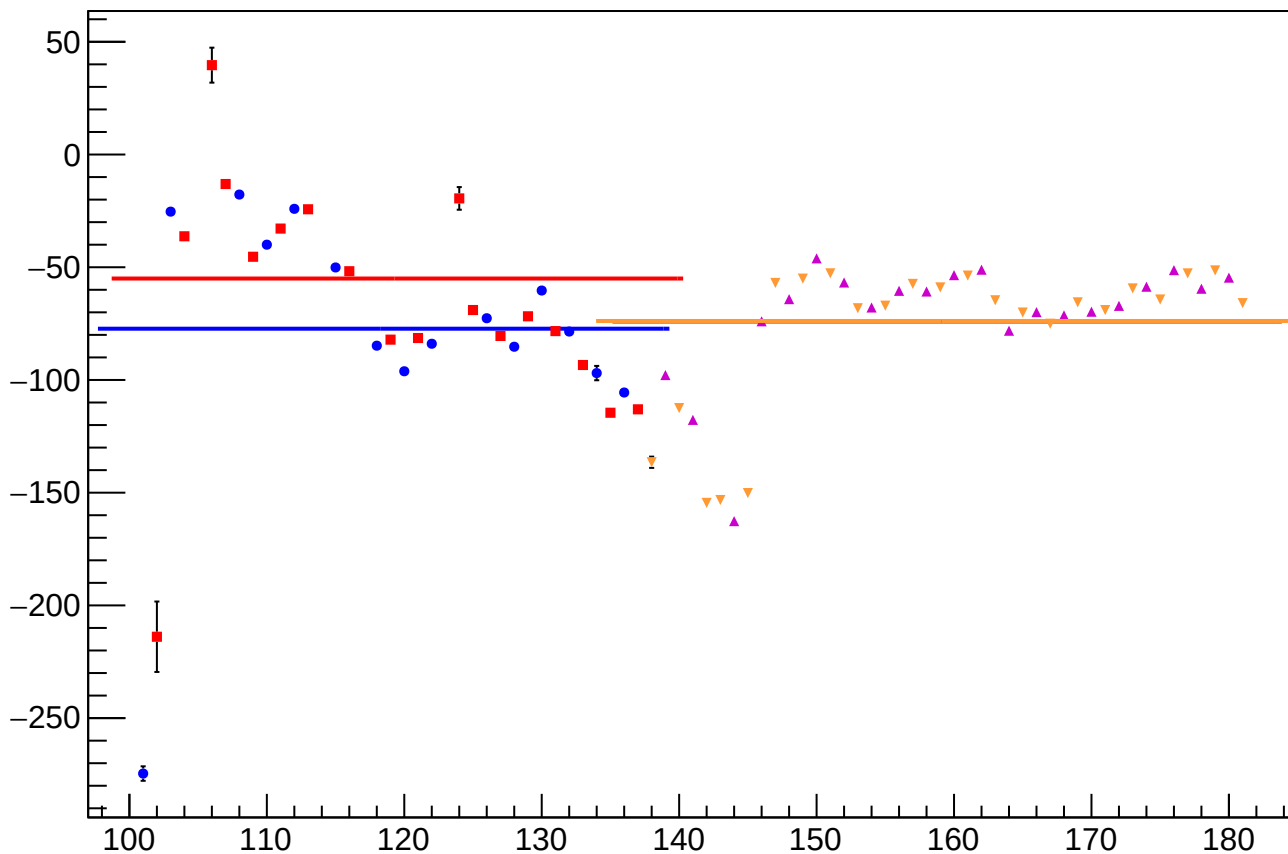
dit_atl2_4eY_slope vs Slug, Sign Corrected



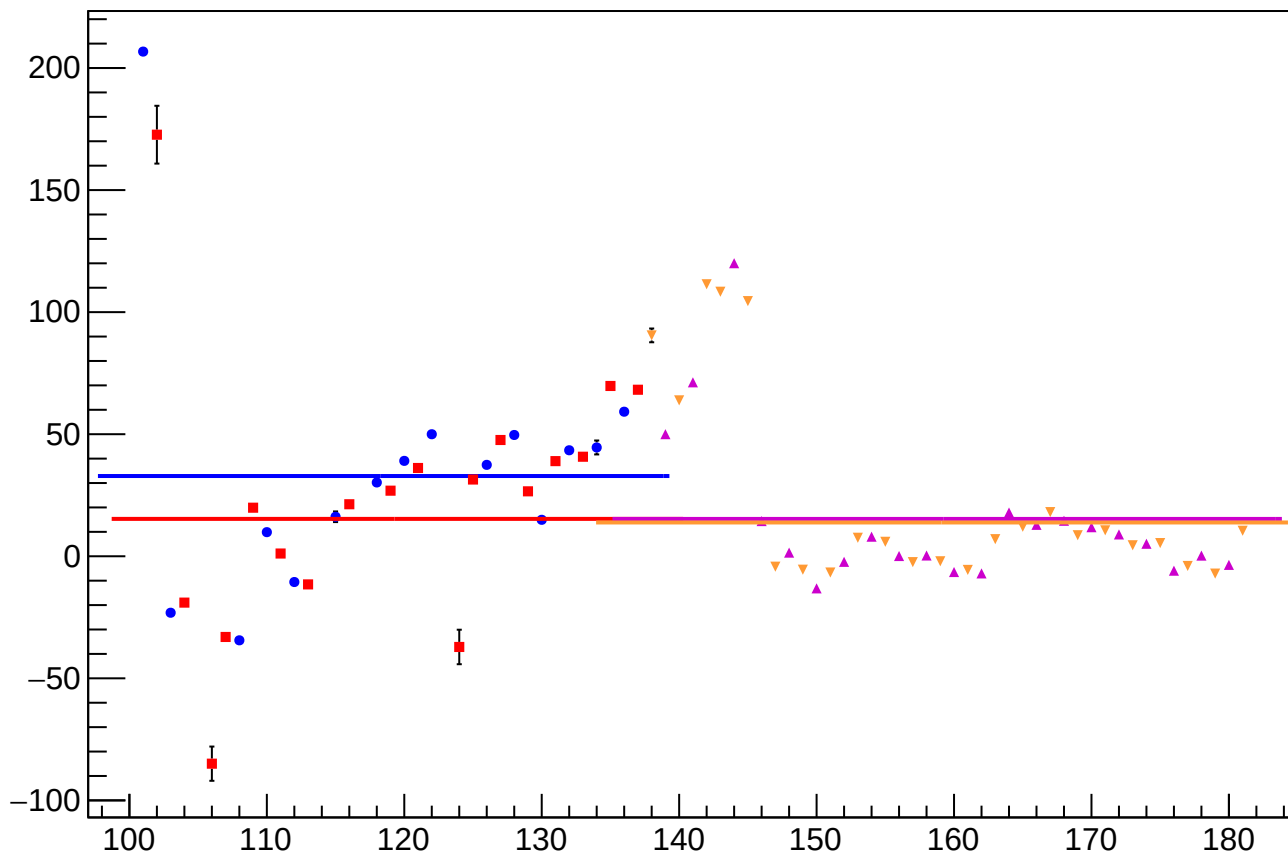
Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14
 Left Out: 108.049 $\pm$ 0.024 χ^2 /NDF:1807267.5/22
 Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17
 Left In: 122.844 $\pm$ 0.025 χ^2 /NDF:1400064.0/20

Left: 115.361 $\pm$ 0.017 χ^2 /NDF: 3389468.4/43
 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: 125.522 $\pm$ 0.019 χ^2 /NDF:3192408.1/40
 All: 124.586 $\pm$ 0.015 χ^2 /NDF: 4715385.3/76

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 χ^2/NDF : 31393.7/14

Left Out: 13.842 ± 0.100 χ^2/NDF : 96215.6/22

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: 14.563 ± 0.071 χ^2/NDF : 192619.2/43

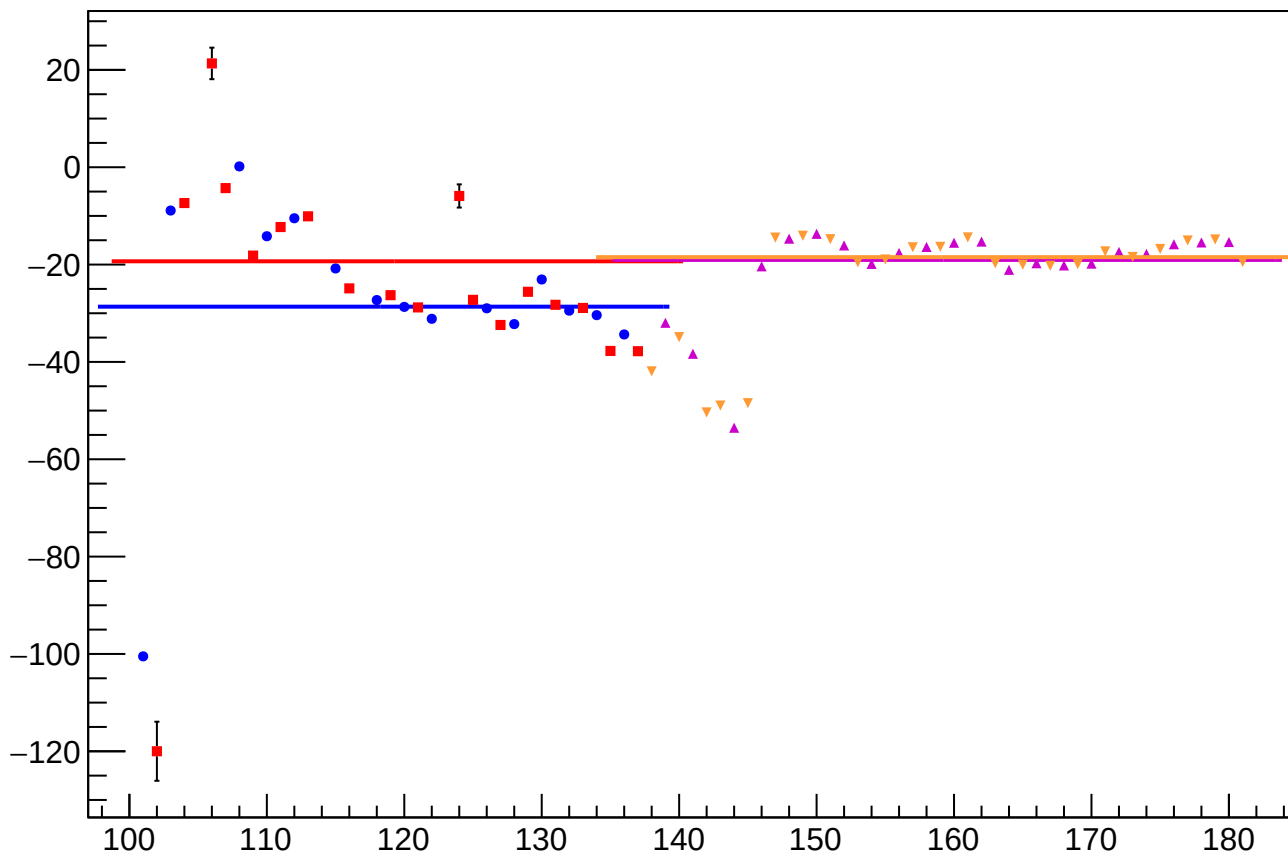
Right: 27.134 ± 0.120 χ^2/NDF : 52862.9/32

In: 20.924 ± 0.083 χ^2/NDF : 137537.7/35

Out: 14.112 ± 0.090 χ^2/NDF : 113001.5/40

All: 17.805 ± 0.061 χ^2/NDF : 253650.4/76

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.476 ± 0.013 $\chi^2/\text{NDF}: 233211.2/22$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.044 ± 0.014 $\chi^2/\text{NDF}: 206615.6/20$

Left: -18.737 ± 0.010 $\chi^2/\text{NDF}: 440683.2/43$

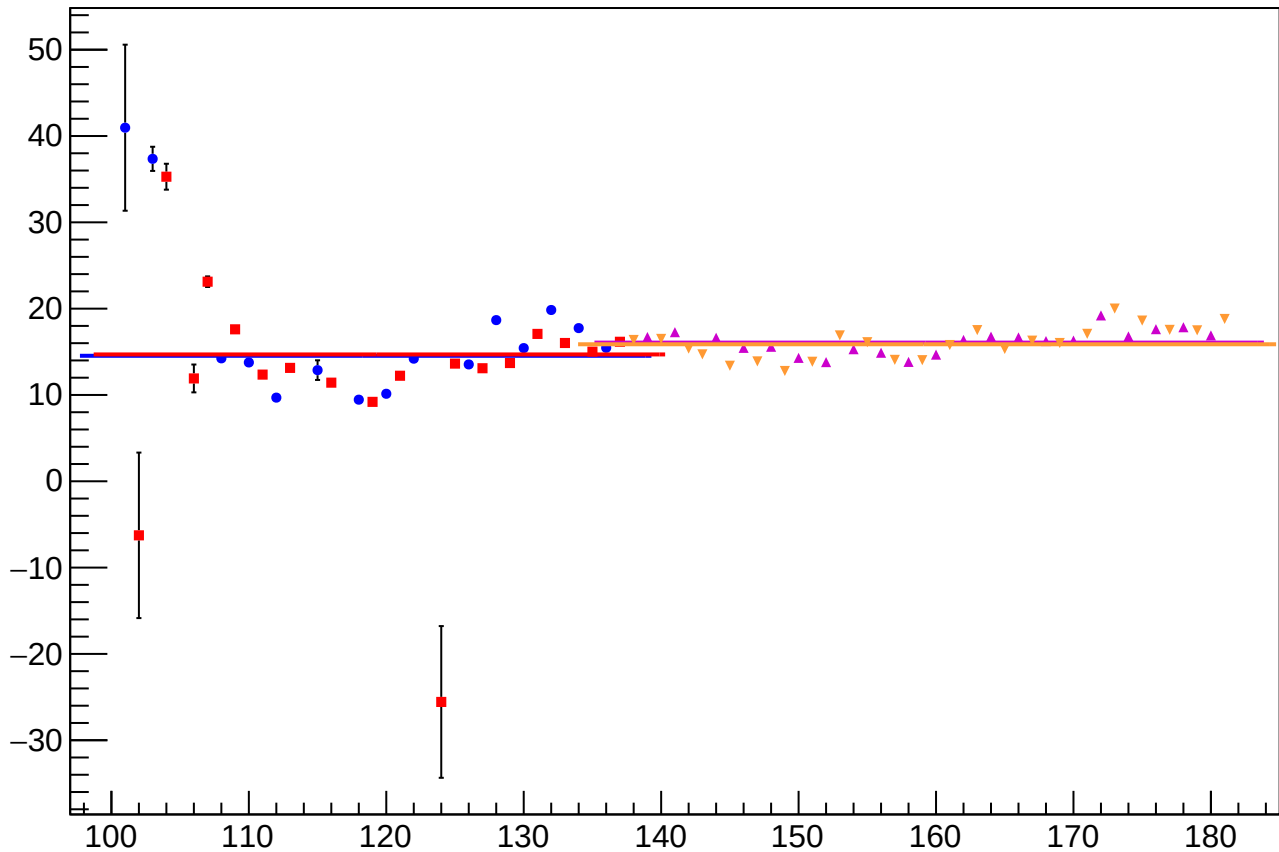
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.460 ± 0.013 $\chi^2/\text{NDF}: 387031.3/35$

Out: -18.562 ± 0.012 $\chi^2/\text{NDF}: 290208.1/40$

All: -19.459 ± 0.009 $\chi^2/\text{NDF}: 688207.0/76$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.873+/-0.014 χ^2/NDF :12855.1/22

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: 15.978+/-0.009 χ^2/NDF : 24079.5/43

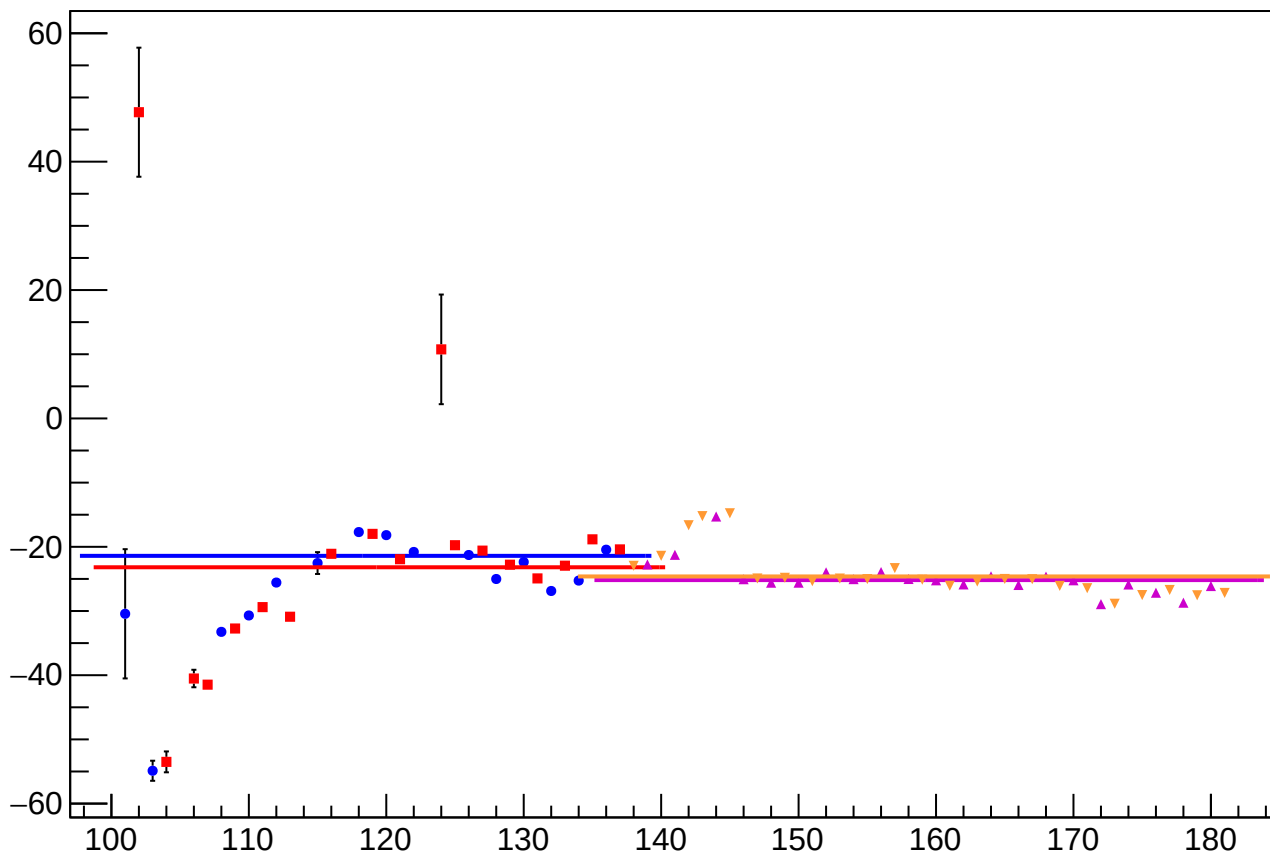
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.828+/-0.012 χ^2/NDF :25408.2/35

Out: 15.764+/-0.013 χ^2/NDF :15152.9/40

All: 15.800+/-0.009 χ^2/NDF : 40574.4/76

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 χ^2/NDF : 9686.6/14

Left Out: -24.615 ± 0.016 χ^2/NDF : 43515.8/22

Right Out: -23.186 ± 0.051 χ^2/NDF : 9126.8/17

Left In: -25.183 ± 0.016 χ^2/NDF : 14351.5/20

Left: -24.897 ± 0.011 χ^2/NDF : 58486.1/43

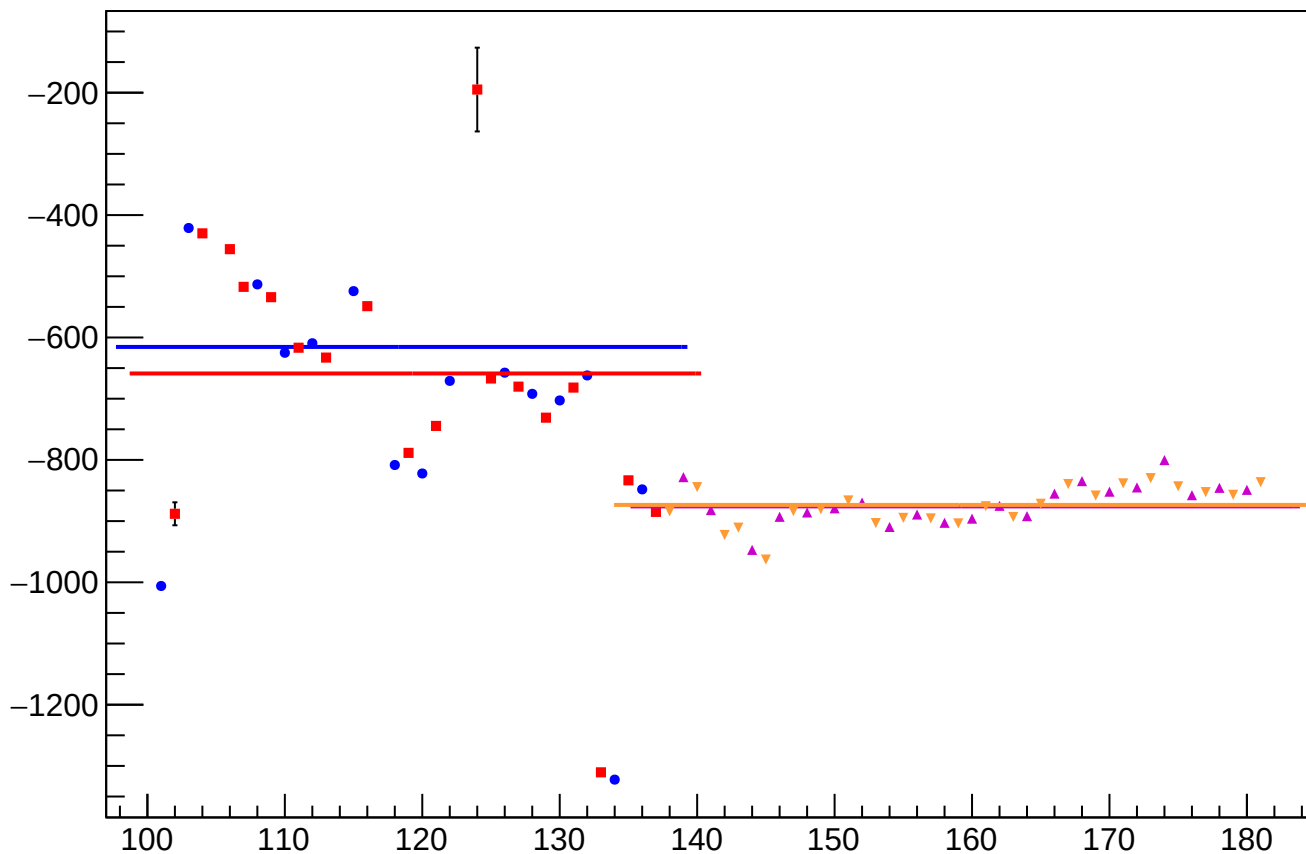
Right: -21.987 ± 0.029 χ^2/NDF : 19630.5/32

In: -24.533 ± 0.015 χ^2/NDF : 33373.7/35

Out: -24.486 ± 0.015 χ^2/NDF : 53353.4/40

All: -24.510 ± 0.011 χ^2/NDF : 86732.2/76

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -873.539 ± 0.132 $\chi^2/\text{NDF}: 44357.4/22$

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: -874.827 ± 0.091 $\chi^2/\text{NDF}: 95046.8/43$

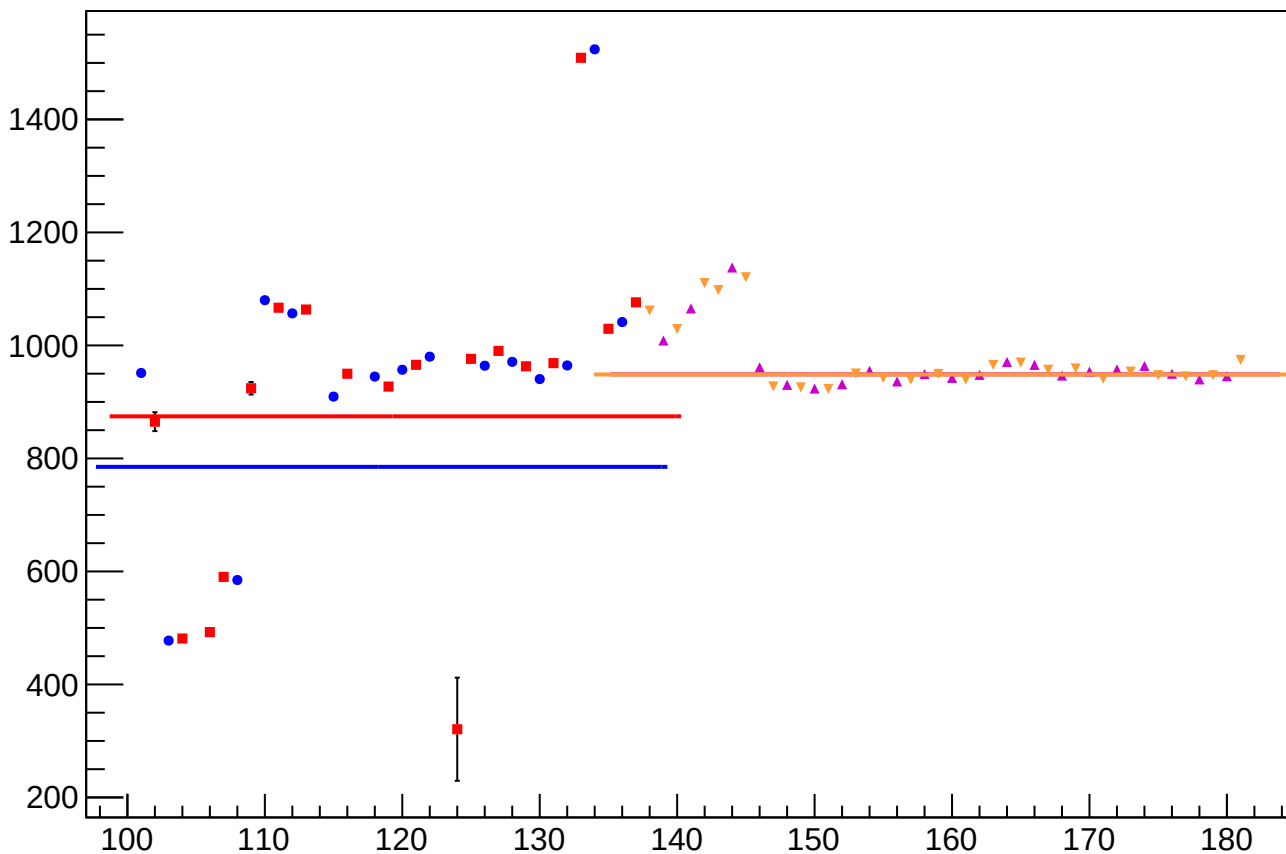
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -818.893 ± 0.111 $\chi^2/\text{NDF}: 1372504.9/35$

Out: -828.525 ± 0.117 $\chi^2/\text{NDF}: 984539.4/40$

All: -823.451 ± 0.081 $\chi^2/\text{NDF}: 2360593.4/76$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.567 $\pm$ 0.104 χ^2 /NDF: 73236.6/22

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: 948.690 $\pm$ 0.074 χ^2 /NDF: 149984.5/43

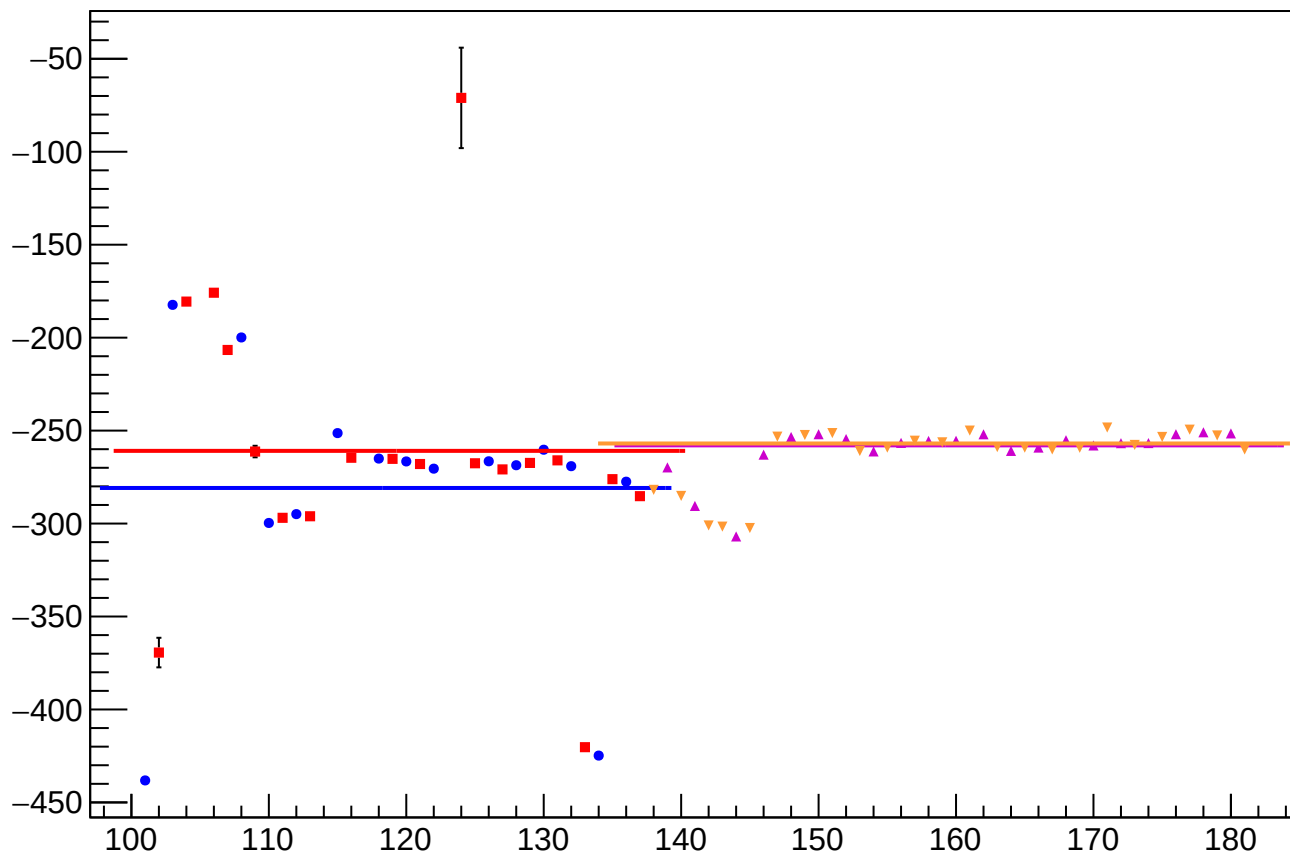
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 920.444 $\pm$ 0.095 χ^2 /NDF: 1389017.1/35

Out: 938.425 $\pm$ 0.097 χ^2 /NDF: 985135.6/40

All: 929.269 $\pm$ 0.068 χ^2 /NDF: 2391761.5/76

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 $\pm$ 0.059 χ^2/NDF : 873611.1/14

Left Out: -256.928 $\pm$ 0.019 χ^2/NDF :184217.0/22

Right Out: -260.897 $\pm$ 0.068 χ^2/NDF : 347717.5/17

Left In: -257.942 $\pm$ 0.019 χ^2/NDF :207384.0/20

Left: -257.448 $\pm$ 0.013 χ^2/NDF : 393014.8/43

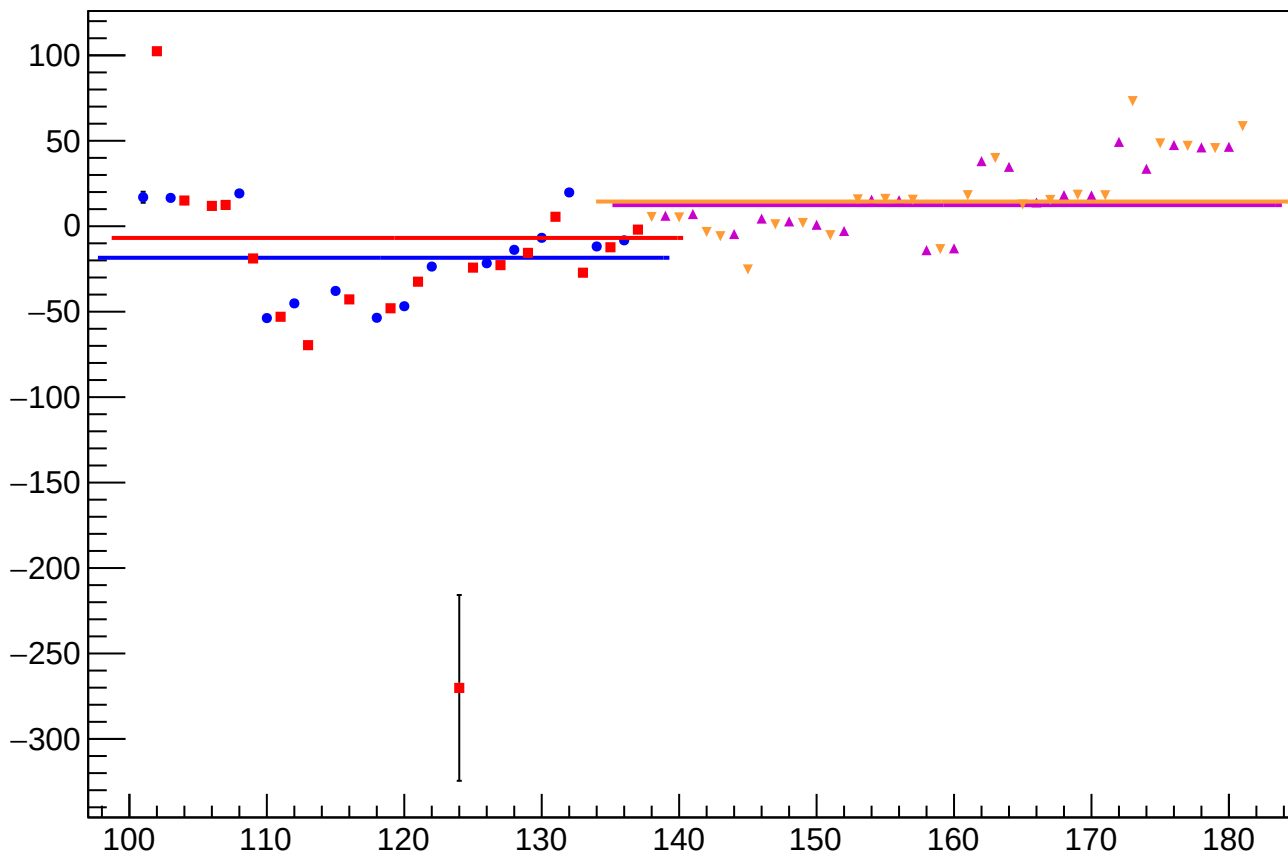
Right: -272.298 $\pm$ 0.044 χ^2/NDF : 1271185.3/32

In: -260.091 $\pm$ 0.018 χ^2/NDF :1219877.0/35

Out: -257.228 $\pm$ 0.019 χ^2/NDF :535125.4/40

All: -258.710 $\pm$ 0.013 χ^2/NDF : 1767305.8/76

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 14.457 ± 0.020 $\chi^2/\text{NDF}: 826882.0/22$

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: 13.353 ± 0.014 $\chi^2/\text{NDF}: 1740652.1/43$

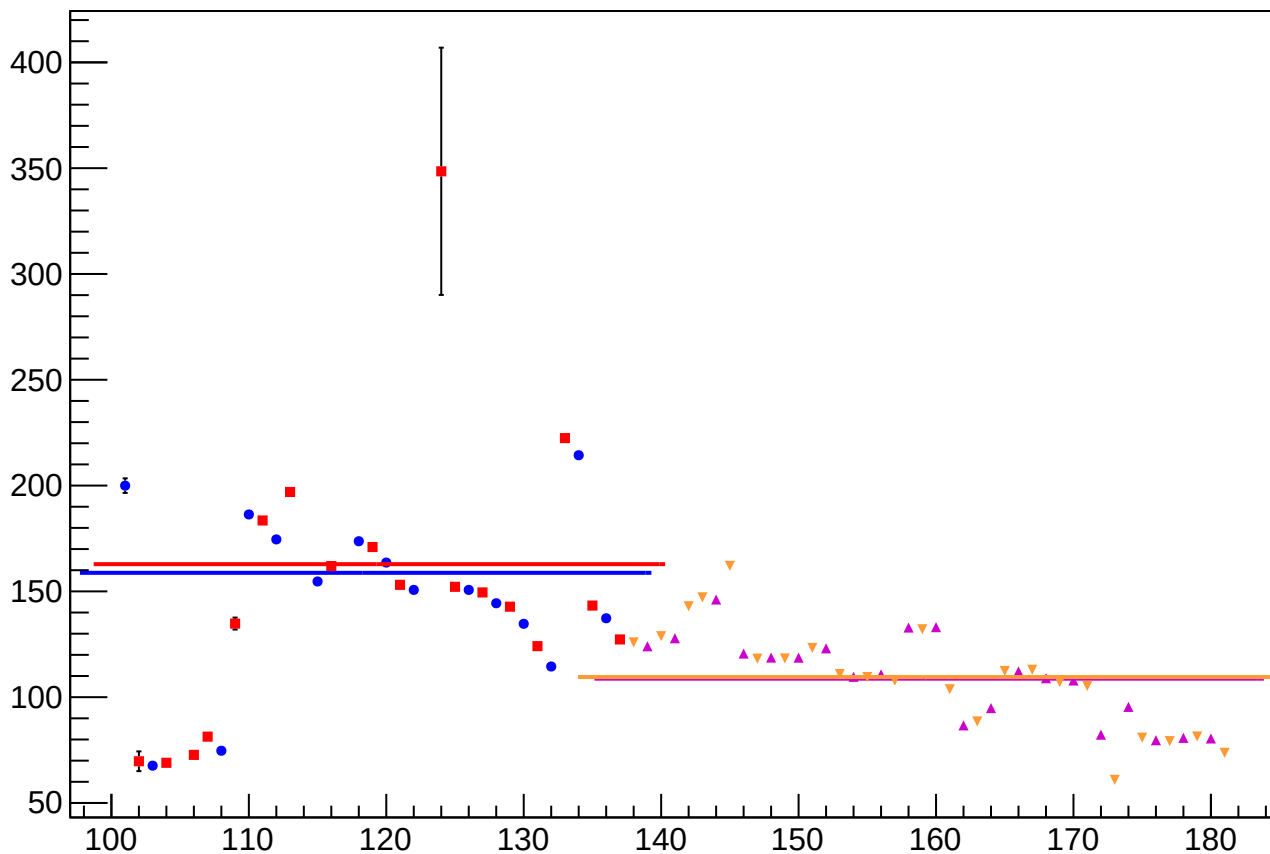
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.072 ± 0.019 $\chi^2/\text{NDF}: 1063595.6/35$

Out: 12.615 ± 0.019 $\chi^2/\text{NDF}: 976300.7/40$

All: 11.826 ± 0.013 $\chi^2/\text{NDF}: 2043271.9/76$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 109.514 $\pm$ 0.023 χ^2 /NDF: 501968.1/22

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 108.737 $\pm$ 0.020 χ^2 /NDF: 653010.2/20

Left: 109.067 $\pm$ 0.015 χ^2 /NDF: 1155609.3/43

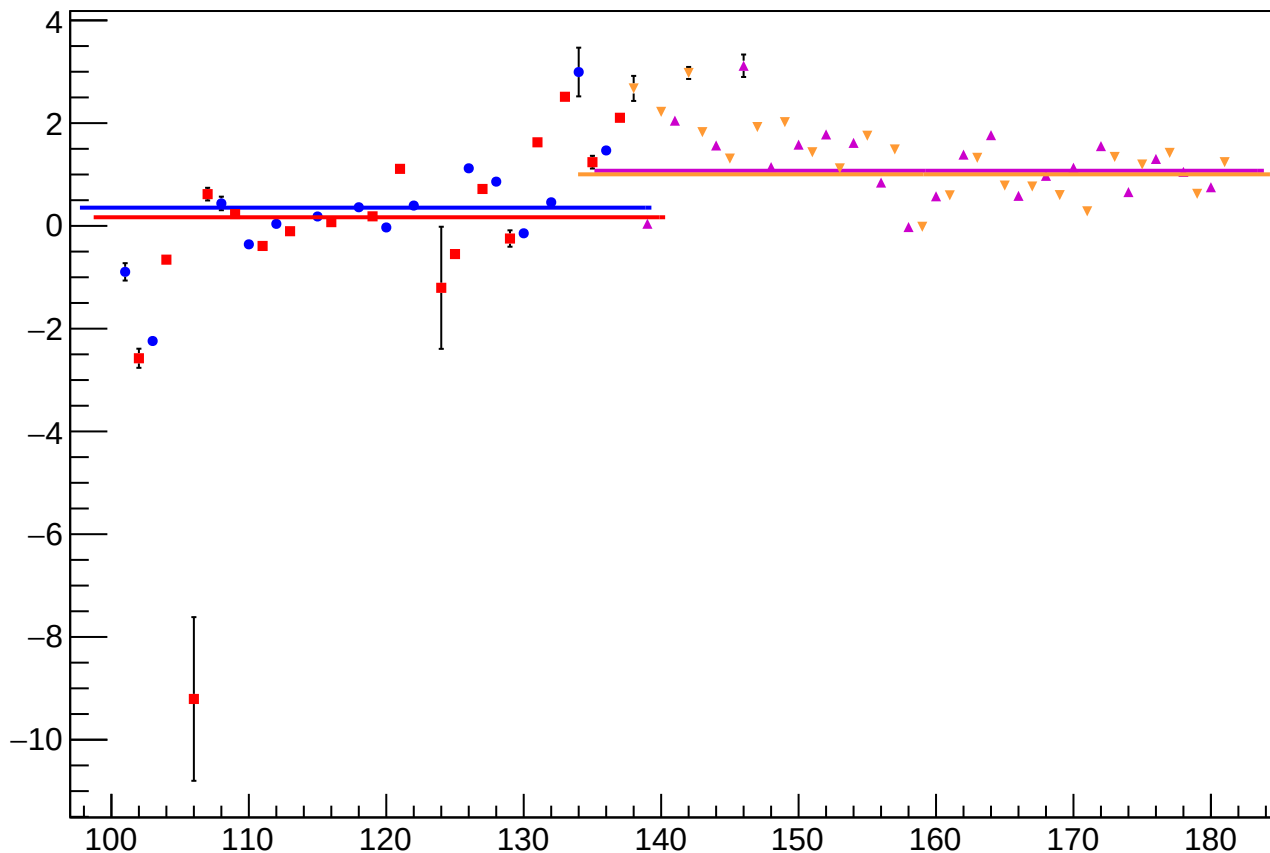
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 111.214 $\pm$ 0.020 χ^2 /NDF: 1117161.3/35

Out: 112.694 $\pm$ 0.023 χ^2 /NDF: 965749.0/40

All: 111.846 $\pm$ 0.015 χ^2 /NDF: 2085331.3/76

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.003 ± 0.007 χ^2/NDF : 6502.7/22

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.073 ± 0.007 χ^2/NDF : 7151.3/20

Left: 1.040 ± 0.005 χ^2/NDF : 13706.4/43

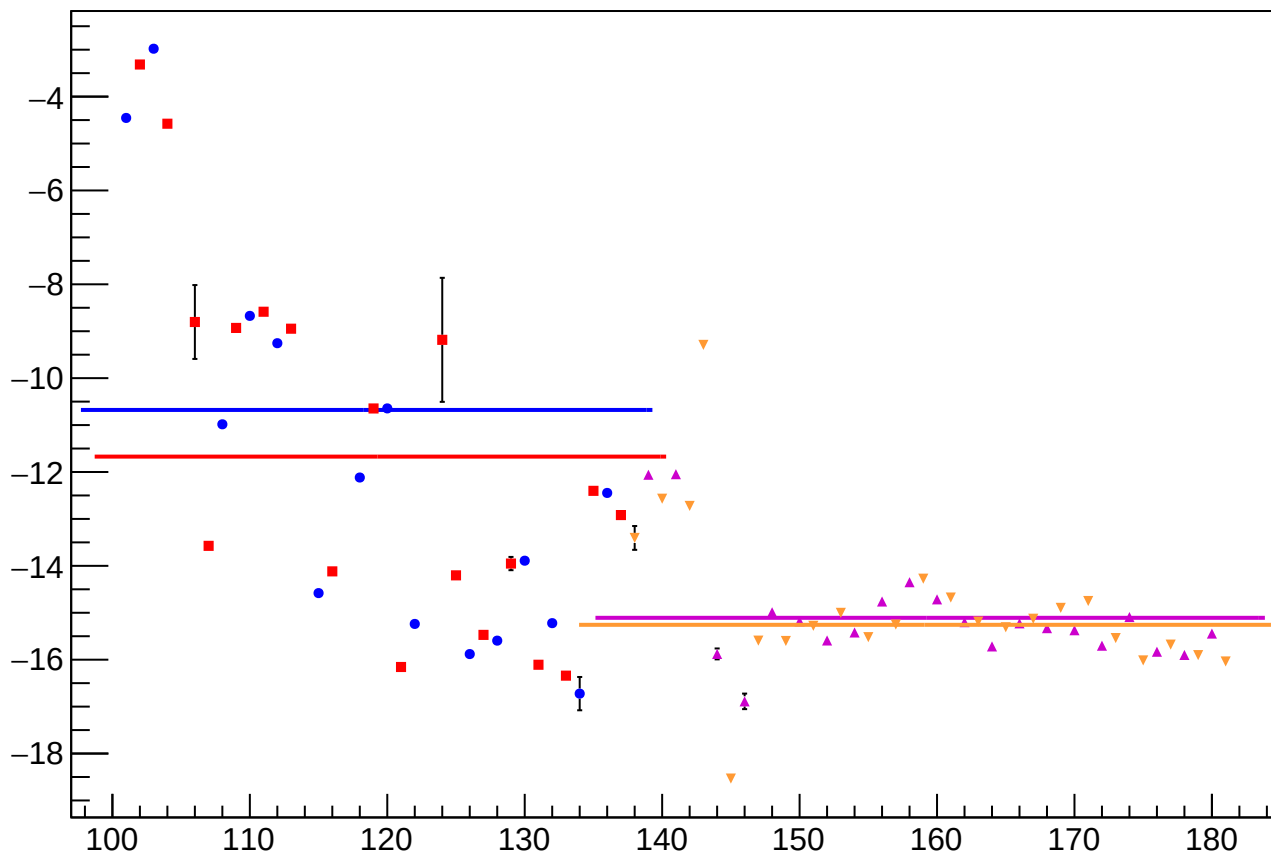
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.900 ± 0.006 χ^2/NDF : 13990.3/35

Out: 0.626 ± 0.005 χ^2/NDF : 17645.7/40

All: 0.747 ± 0.004 χ^2/NDF : 32888.2/76

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.257 ± 0.006 $\chi^2/\text{NDF}: 40156.6/22$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.108 ± 0.006 $\chi^2/\text{NDF}: 14329.3/20$

Left: -15.187 ± 0.004 $\chi^2/\text{NDF}: 54827.6/43$

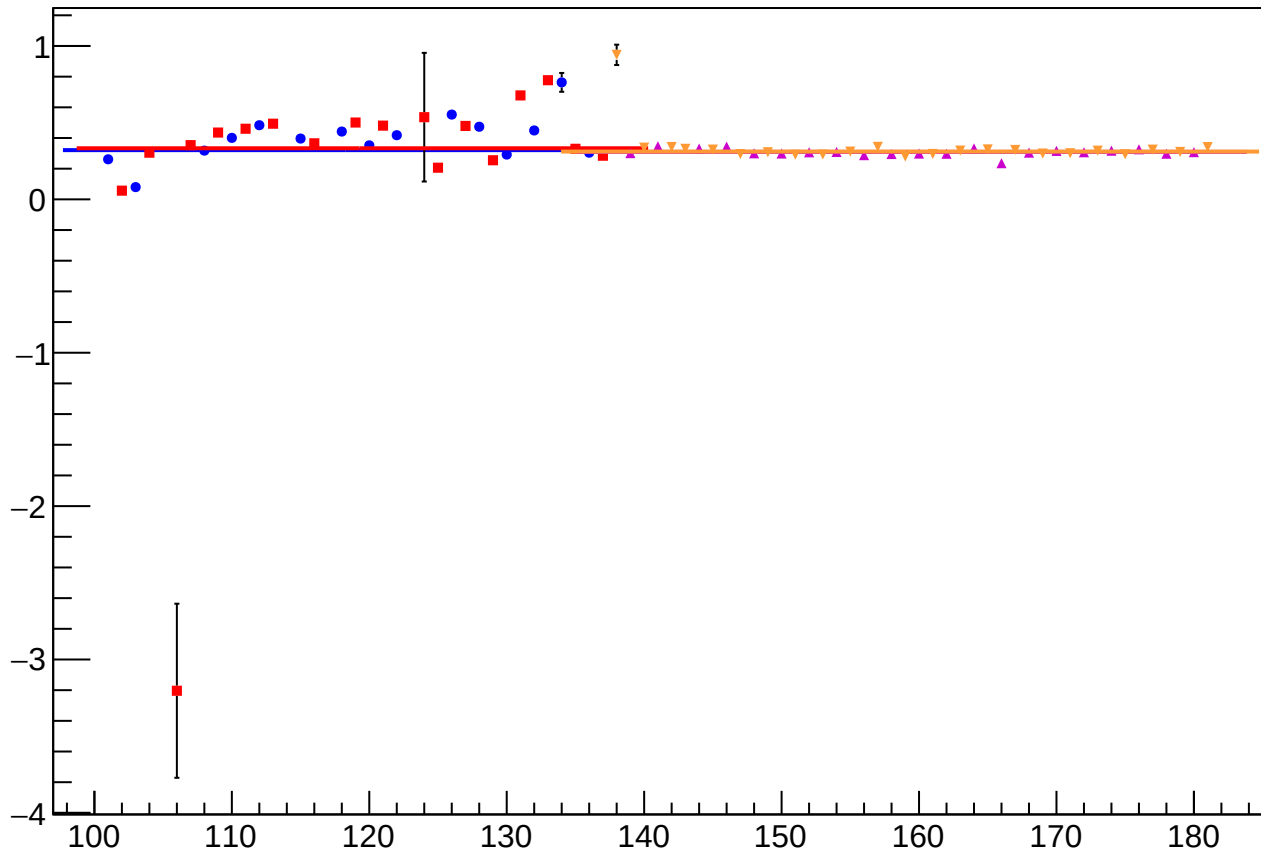
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.012 ± 0.005 $\chi^2/\text{NDF}: 380944.7/35$

Out: -14.598 ± 0.005 $\chi^2/\text{NDF}: 225397.0/40$

All: -14.312 ± 0.004 $\chi^2/\text{NDF}: 613056.7/76$

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 : 5343.4/22

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 : 8377.6/43

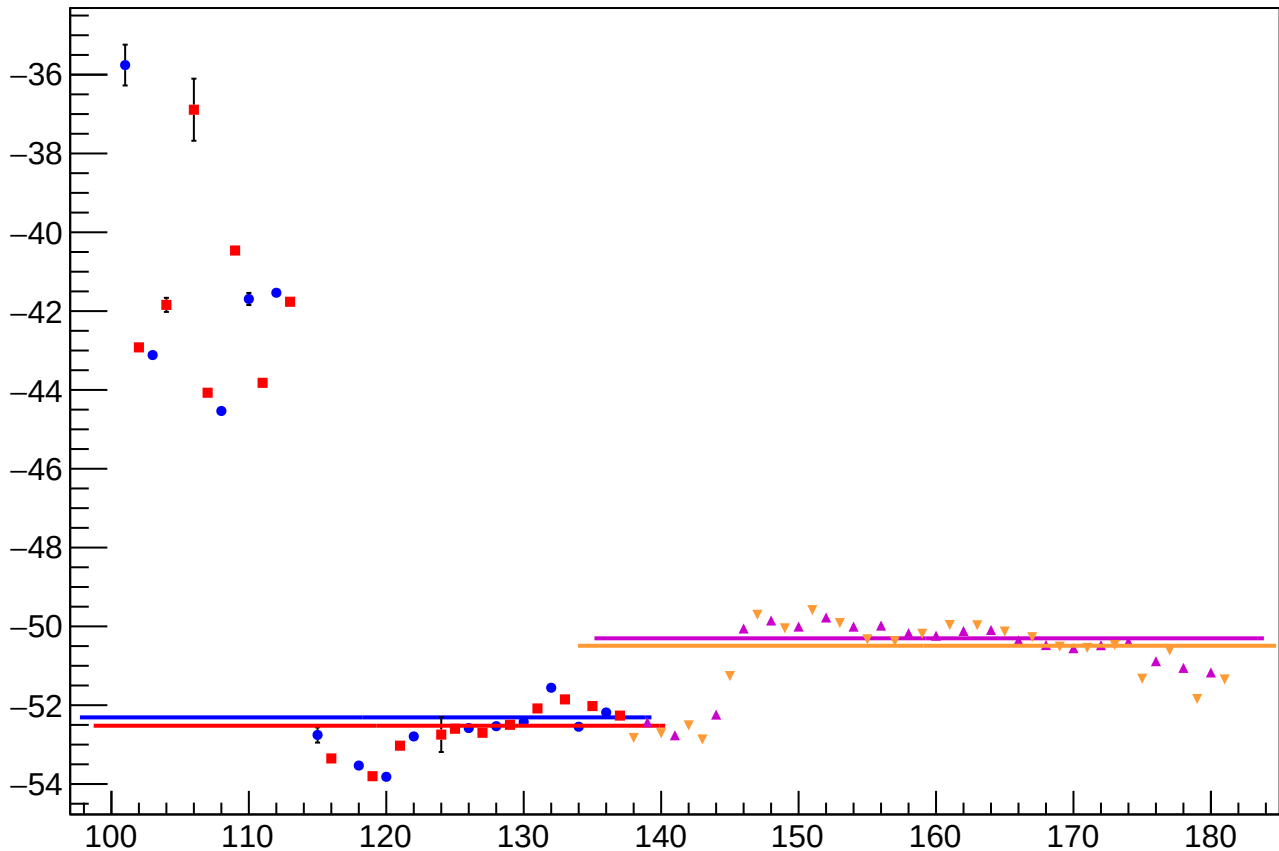
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.6/35

Out: 0.312+/-0.000 χ^2/NDF : 9800.2/40

All: 0.311+/-0.000 χ^2/NDF : 16997.2/76

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.492 ± 0.001 χ^2/NDF : 273502.1/22

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: -50.386 ± 0.001 χ^2/NDF : 457388.3/43

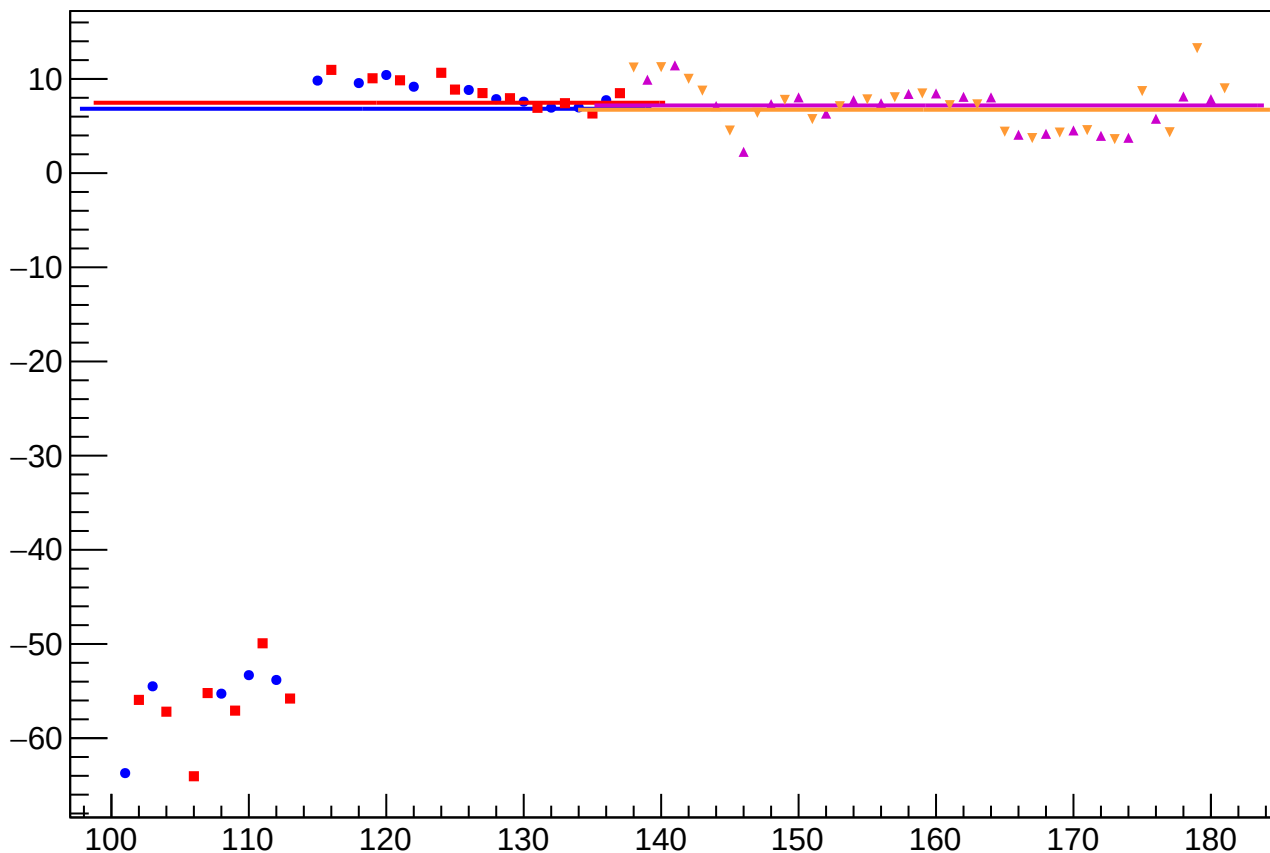
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.461 ± 0.001 χ^2/NDF : 418251.1/35

Out: -50.678 ± 0.001 χ^2/NDF : 526426.8/40

All: -50.557 ± 0.001 χ^2/NDF : 958136.9/76

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 χ^2/NDF : 990576.4/14

Left Out: 6.731 ± 0.004 χ^2/NDF : 335477.1/22

Right Out: 7.474 ± 0.009 χ^2/NDF : 1195498.7/17

Left In: 7.186 ± 0.003 χ^2/NDF : 197741.9/20

Left: 6.975 ± 0.003 χ^2/NDF : 541199.2/43

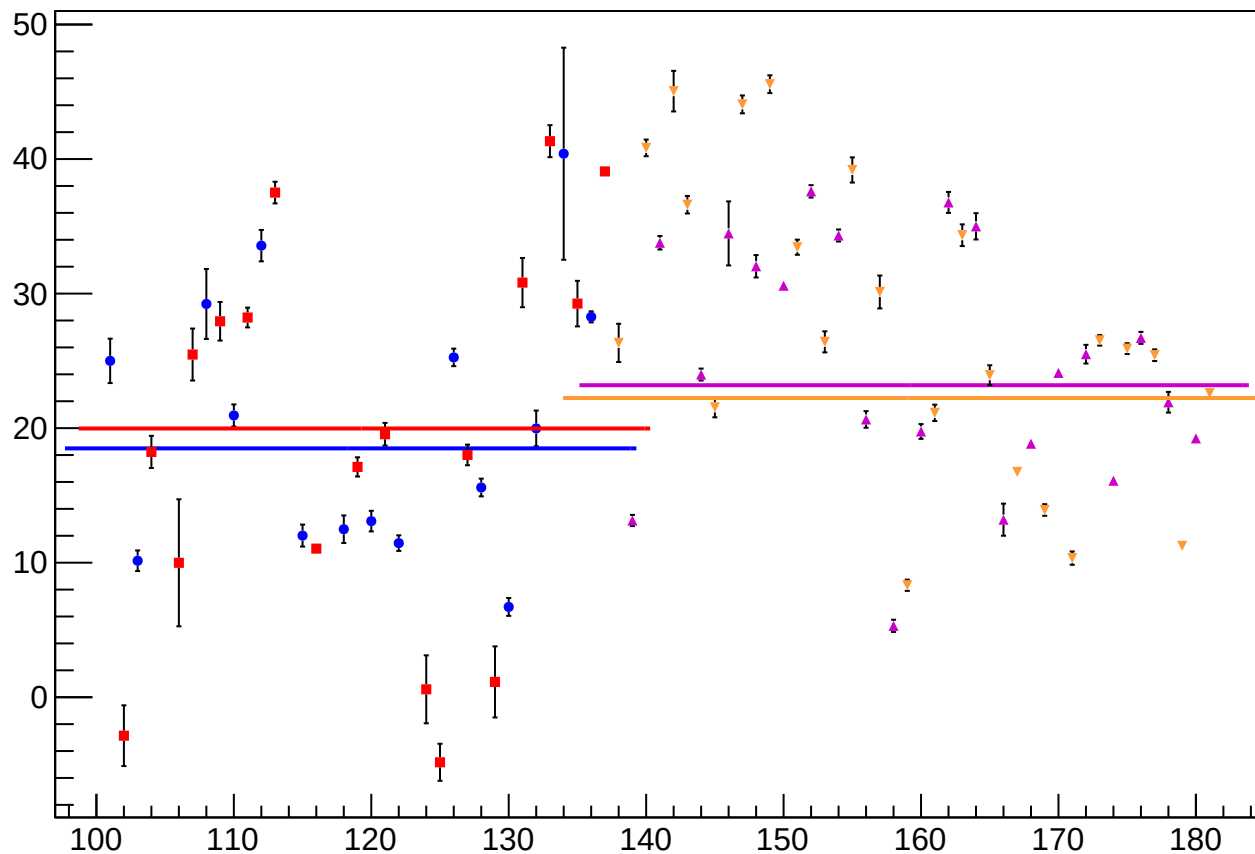
Right: 6.980 ± 0.004 χ^2/NDF : 2189734.1/32

In: 7.073 ± 0.003 χ^2/NDF : 1191605.1/35

Out: 6.834 ± 0.003 χ^2/NDF : 1536485.5/40

All: 6.976 ± 0.002 χ^2/NDF : 2730934.5/76

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 22.237 ± 0.104 χ^2/NDF : 8843.0/22

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: 22.735 ± 0.072 χ^2/NDF : 15217.9/43

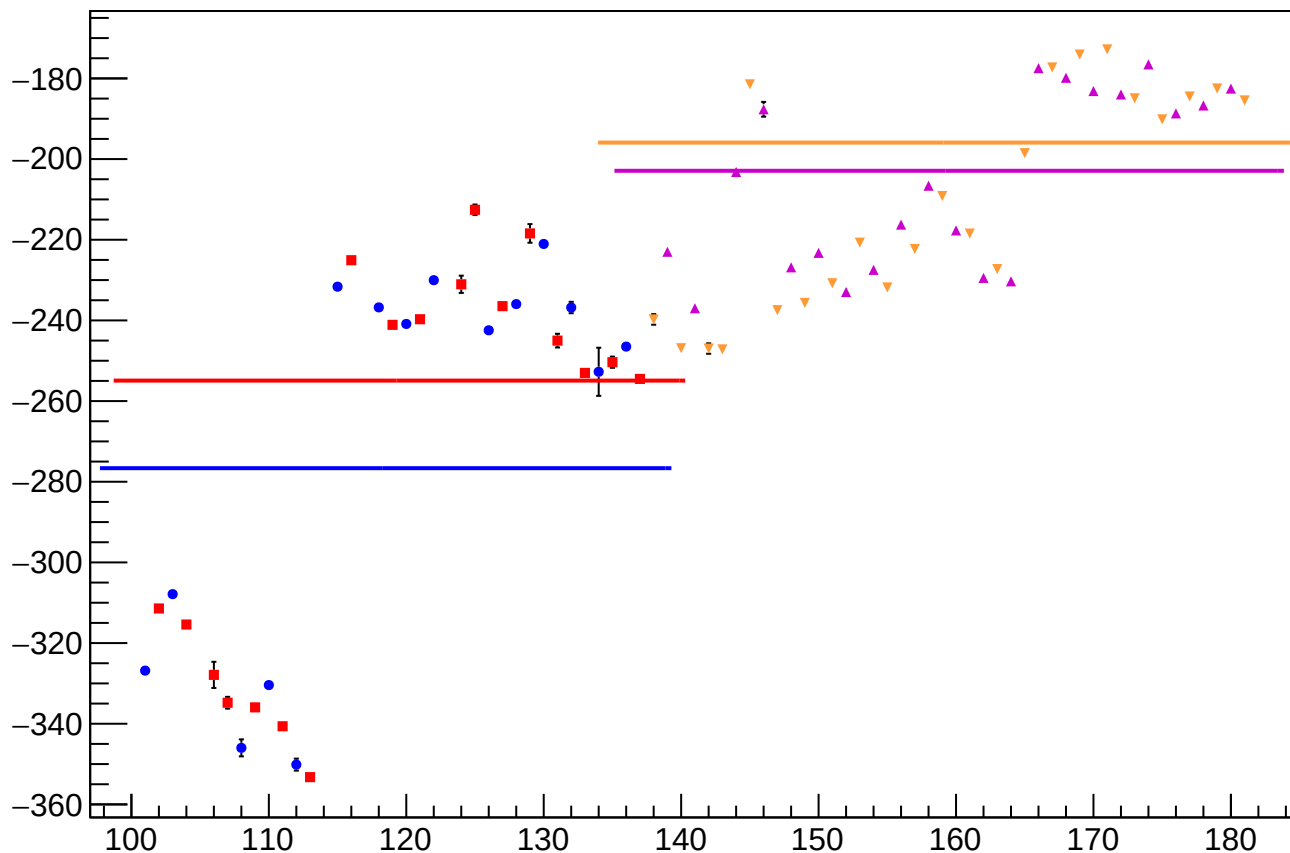
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 22.256 ± 0.089 χ^2/NDF : 8409.0/35

Out: 21.352 ± 0.081 χ^2/NDF : 18228.4/40

All: 21.762 ± 0.060 χ^2/NDF : 26693.4/76

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.907 ± 0.087 $\chi^2/\text{NDF}: 69421.9/22$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.900 ± 0.087 $\chi^2/\text{NDF}: 62229.0/20$

Left: -199.385 ± 0.062 $\chi^2/\text{NDF}: 134870.2/43$

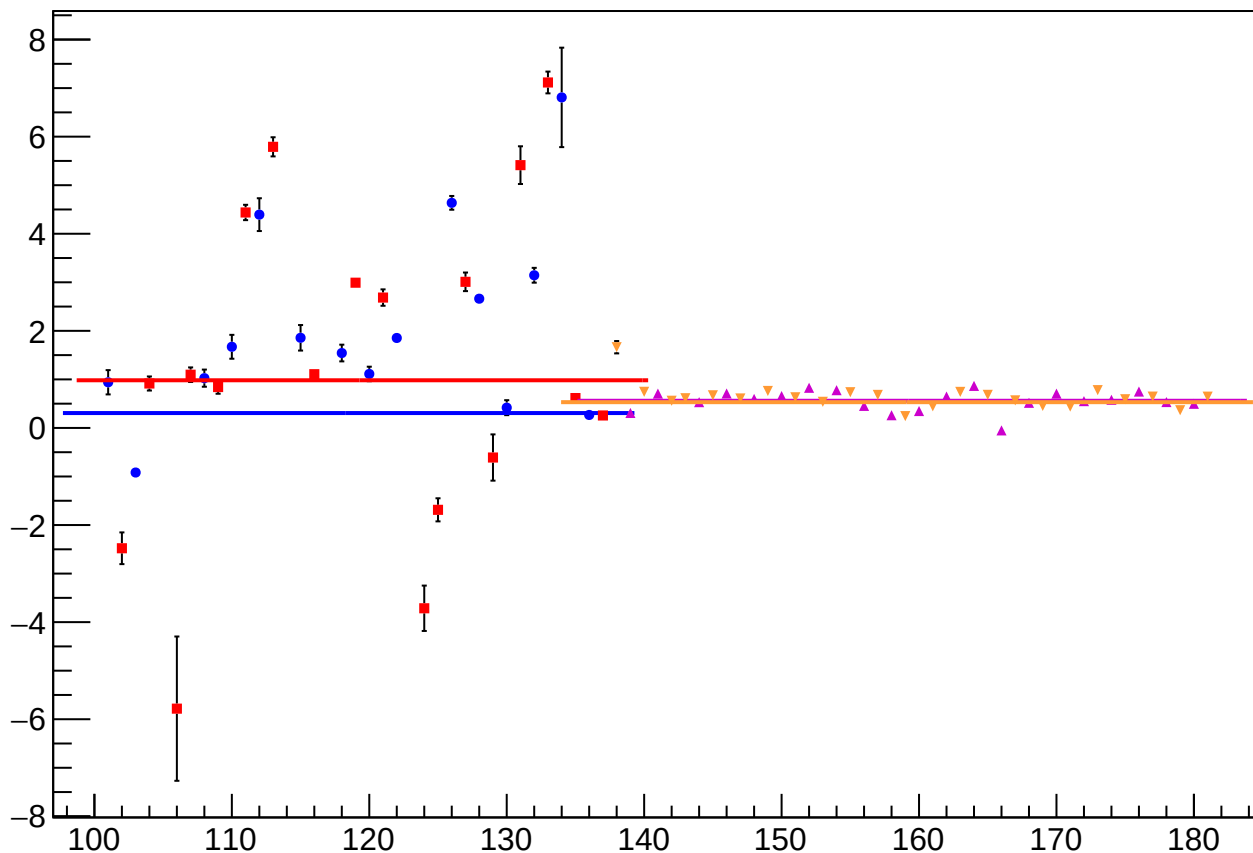
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -222.050 ± 0.075 $\chi^2/\text{NDF}: 324238.8/35$

Out: -231.215 ± 0.055 $\chi^2/\text{NDF}: 417121.7/40$

All: -228.013 ± 0.044 $\chi^2/\text{NDF}: 751026.3/76$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.531 ± 0.002 $\chi^2/\text{NDF}: 10923.0/22$

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: 0.547 ± 0.001 $\chi^2/\text{NDF}: 27008.1/43$

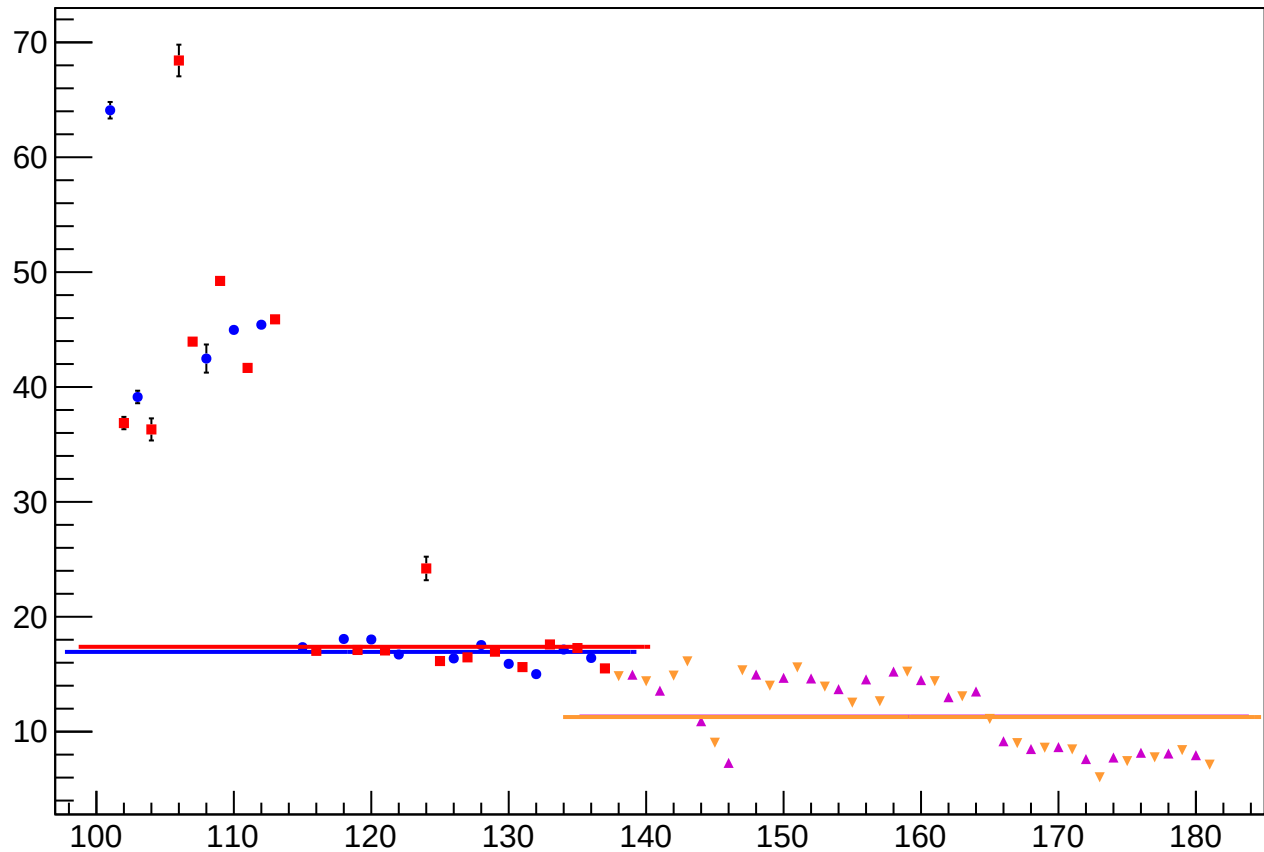
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.548 ± 0.001 $\chi^2/\text{NDF}: 20095.3/35$

Out: 0.537 ± 0.002 $\chi^2/\text{NDF}: 15229.4/40$

All: 0.543 ± 0.001 $\chi^2/\text{NDF}: 35348.0/76$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 11.271 ± 0.007 $\chi^2/\text{NDF}: 250908.0/22$

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: 11.292 ± 0.005 $\chi^2/\text{NDF}: 462130.5/43$

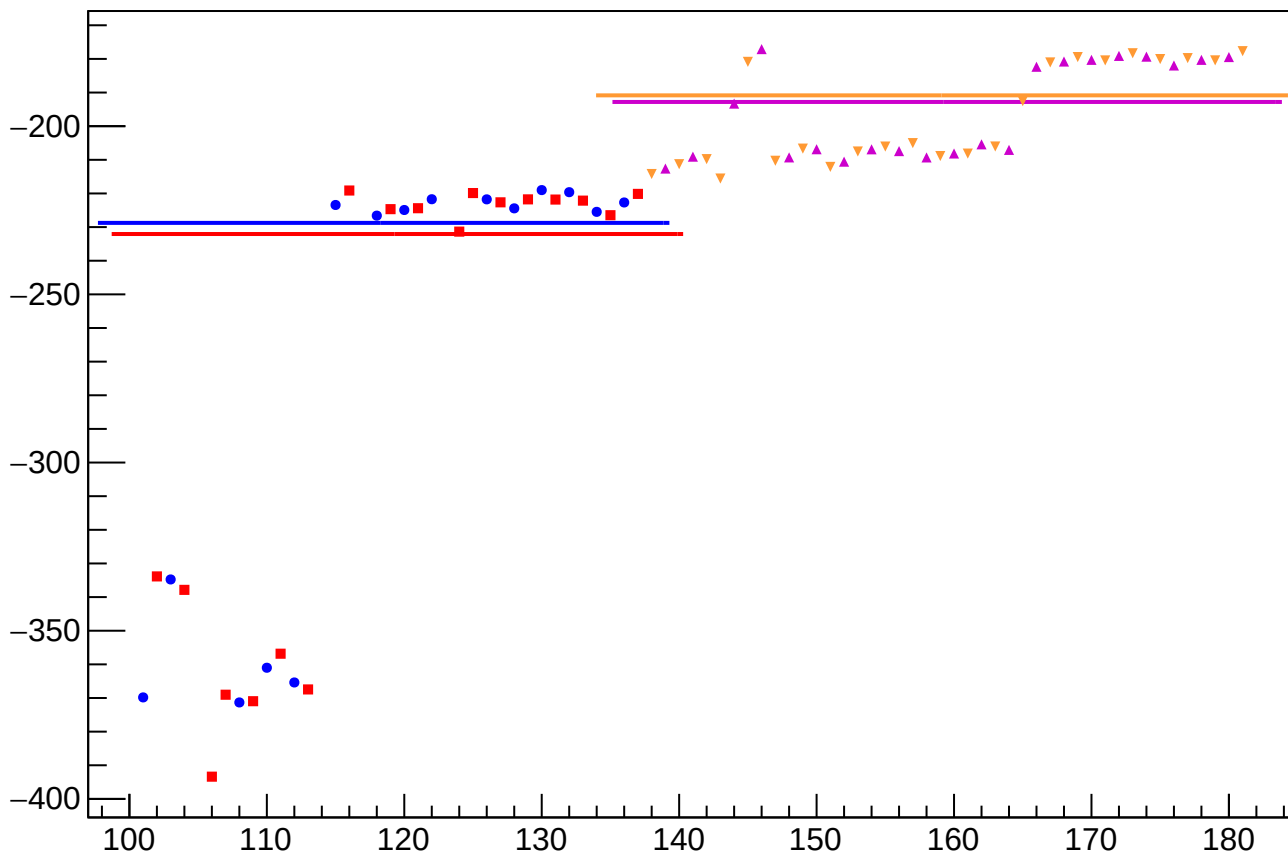
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.552 ± 0.006 $\chi^2/\text{NDF}: 389377.6/35$

Out: 12.094 ± 0.006 $\chi^2/\text{NDF}: 416598.9/40$

All: 12.338 ± 0.004 $\chi^2/\text{NDF}: 808665.3/76$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -190.835 ± 0.012 $\chi^2/\text{NDF}: 1474466.4/22$

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: -191.806 ± 0.008 $\chi^2/\text{NDF}: 2855261.9/43$

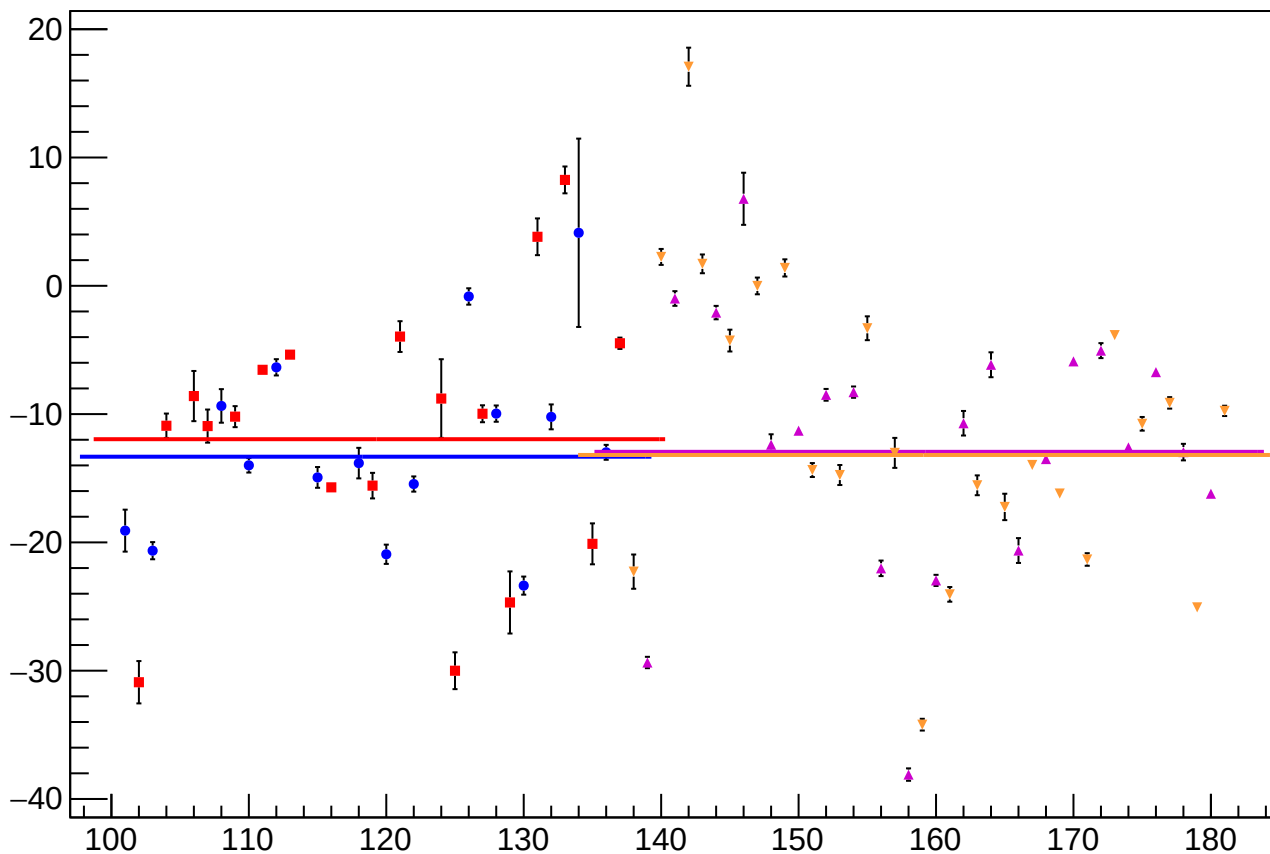
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -196.611 ± 0.011 $\chi^2/\text{NDF}: 2985135.6/35$

Out: -193.953 ± 0.011 $\chi^2/\text{NDF}: 3186827.0/40$

All: -195.290 ± 0.008 $\chi^2/\text{NDF}: 6199488.1/76$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -13.186 ± 0.111 χ^2/NDF : 7231.6/22

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -12.942 ± 0.101 χ^2/NDF : 7271.6/20

Left: -13.052 ± 0.075 χ^2/NDF : 14505.9/43

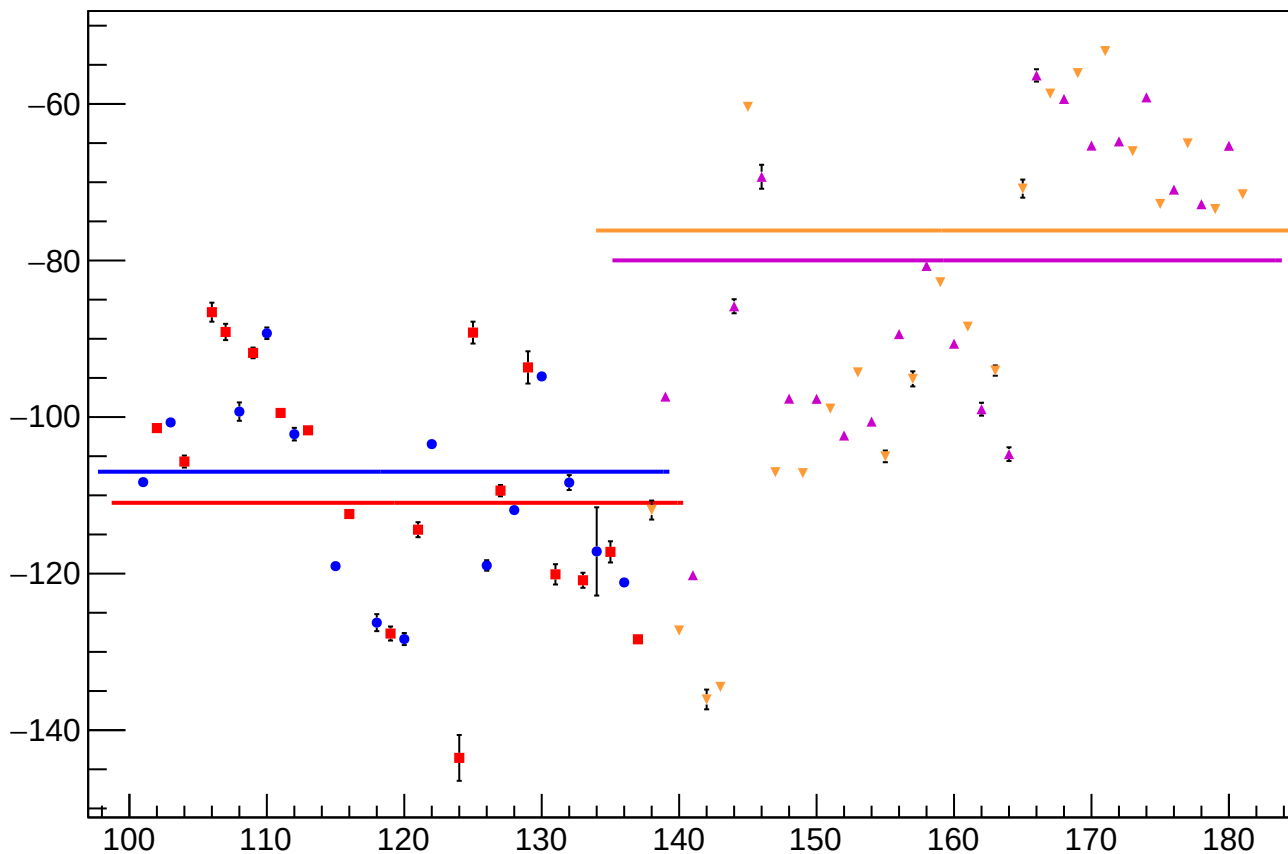
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -13.023 ± 0.090 χ^2/NDF : 8287.6/35

Out: -12.580 ± 0.079 χ^2/NDF : 9779.3/40

All: -12.774 ± 0.059 χ^2/NDF : 18080.6/76

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -76.165 ± 0.087 $\chi^2/\text{NDF}: 53564.6/22$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -79.984 ± 0.087 $\chi^2/\text{NDF}: 44351.9/20$

Left: -78.081 ± 0.061 $\chi^2/\text{NDF}: 98885.3/43$

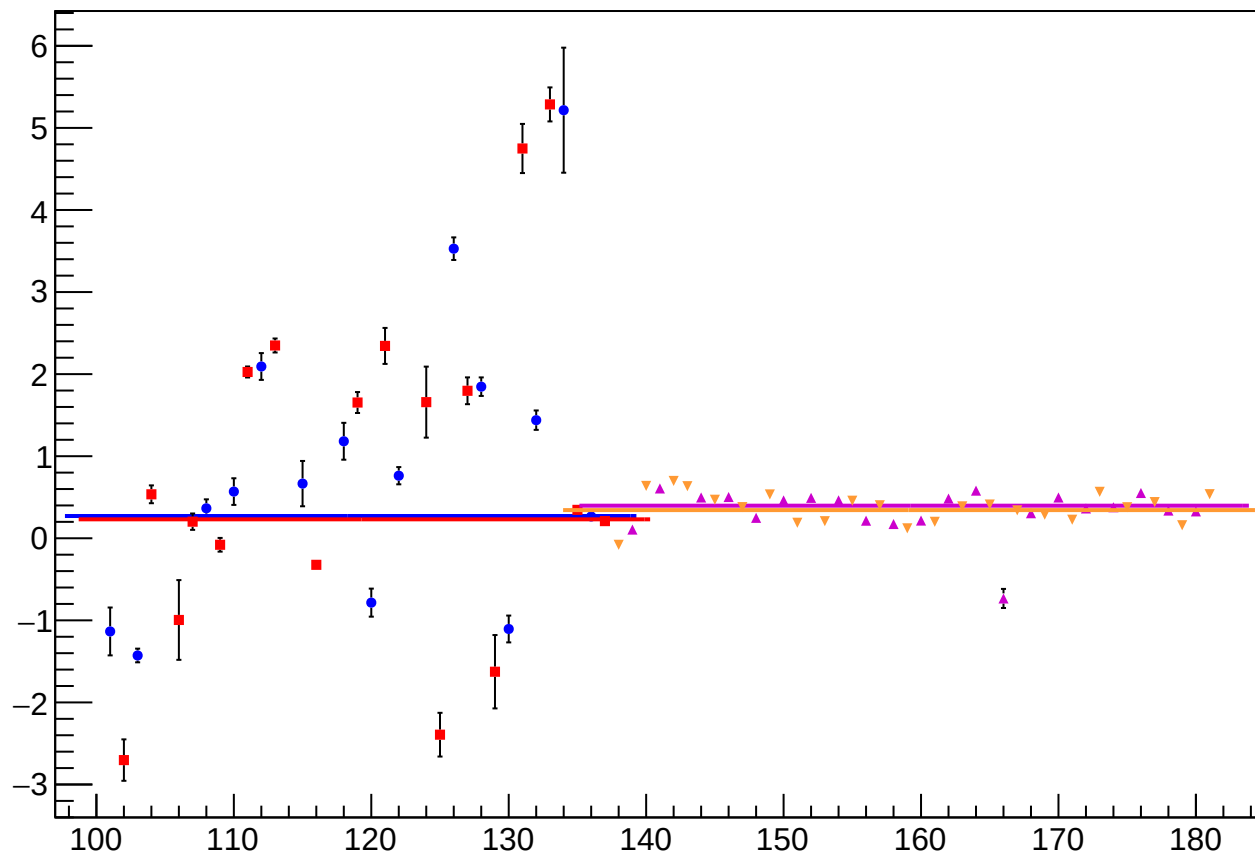
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -90.315 ± 0.068 $\chi^2/\text{NDF}: 86184.4/35$

Out: -102.253 ± 0.043 $\chi^2/\text{NDF}: 184441.6/40$

All: -98.796 ± 0.037 $\chi^2/\text{NDF}: 292481.1/76$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.343 ± 0.002 χ^2/NDF : 10397.8/22

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.397 ± 0.001 χ^2/NDF : 9667.7/20

Left: 0.374 ± 0.001 χ^2/NDF : 20638.2/43

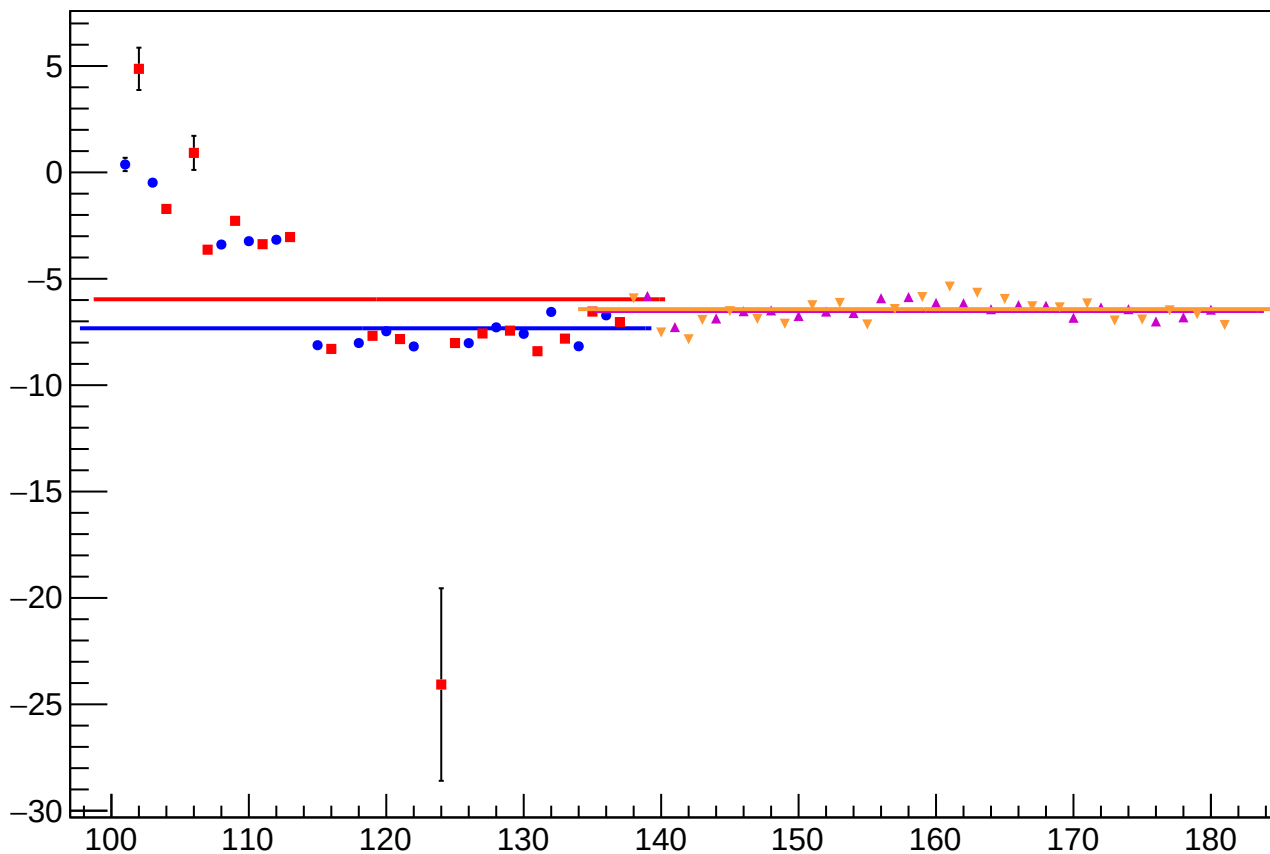
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.388 ± 0.001 χ^2/NDF : 11799.6/35

Out: 0.329 ± 0.002 χ^2/NDF : 13871.1/40

All: 0.361 ± 0.001 χ^2/NDF : 26442.4/76

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.428+/-0.005 χ^2/NDF : 7320.9/22

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: -6.472+/-0.003 χ^2/NDF : 14224.7/43

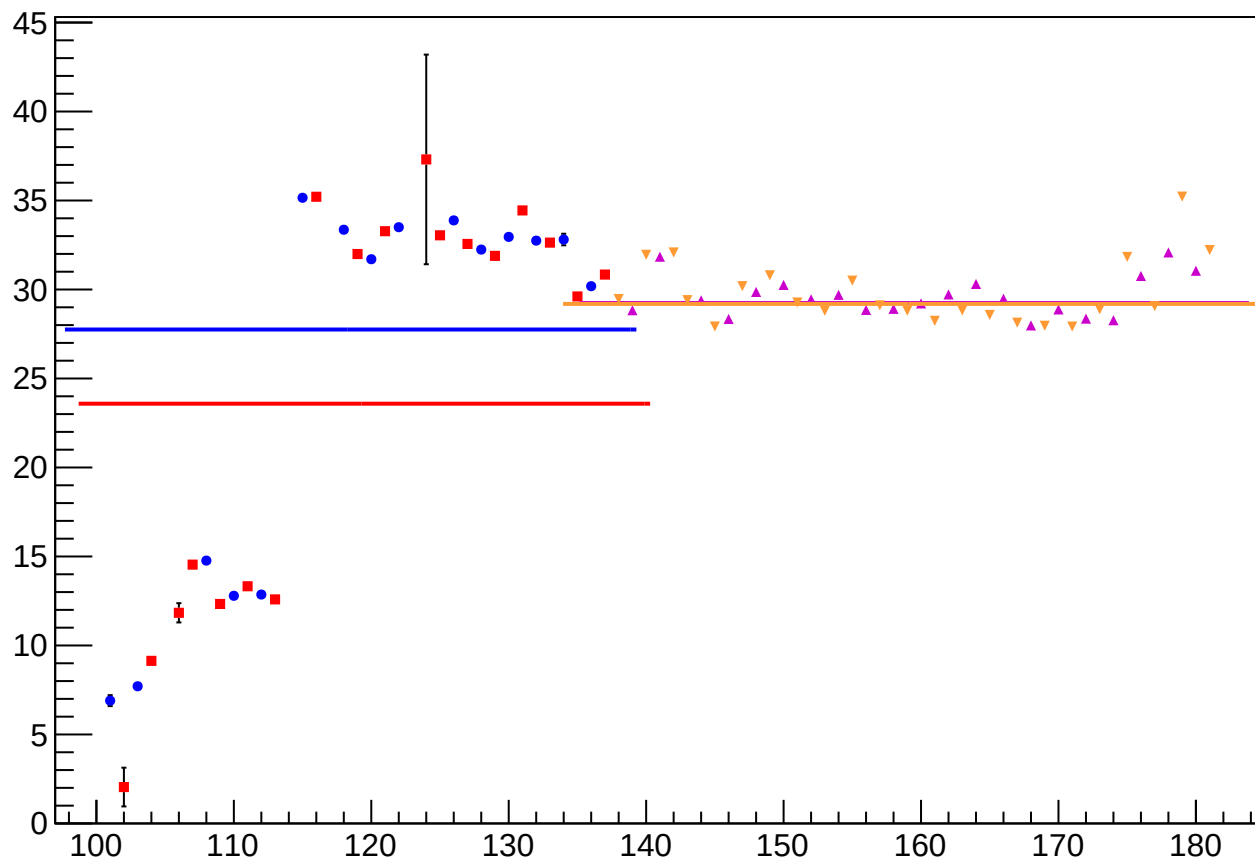
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.703+/-0.004 χ^2/NDF : 44464.7/35

Out: -6.318+/-0.004 χ^2/NDF : 81265.3/40

All: -6.520+/-0.003 χ^2/NDF : 130014.1/76

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.191 $\pm$ 0.008 χ^2/NDF : 39246.7/22

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.242 $\pm$ 0.008 χ^2/NDF : 9874.2/20

Left: 29.217 $\pm$ 0.006 χ^2/NDF : 49139.0/43

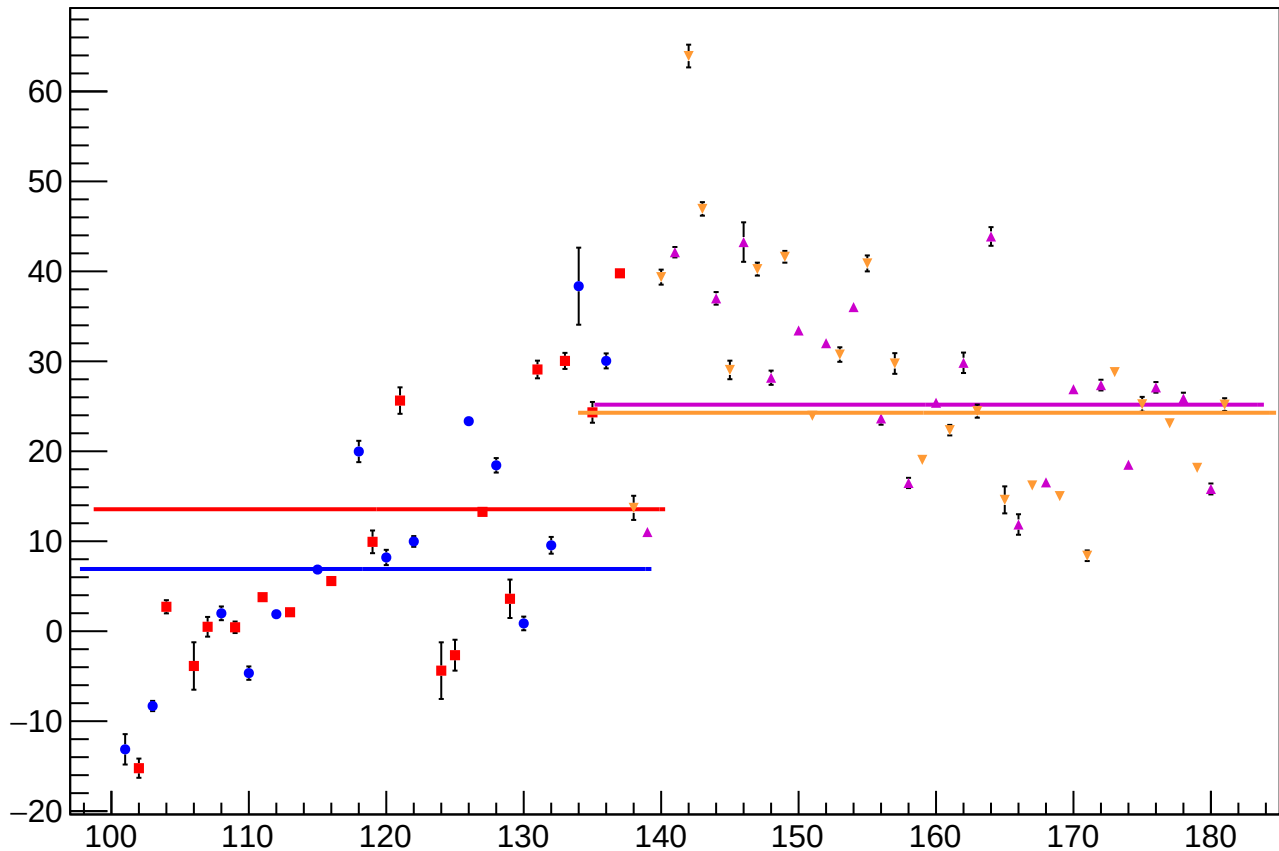
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.885 $\pm$ 0.007 χ^2/NDF : 350264.3/35

Out: 27.662 $\pm$ 0.007 χ^2/NDF : 700425.7/40

All: 28.256 $\pm$ 0.005 χ^2/NDF : 1064852.8/76

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.283 ± 0.128 $\chi^2/\text{NDF}: 6129.1/22$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.180 ± 0.114 $\chi^2/\text{NDF}: 6066.7/20$

Left: 24.784 ± 0.085 $\chi^2/\text{NDF}: 12223.1/43$

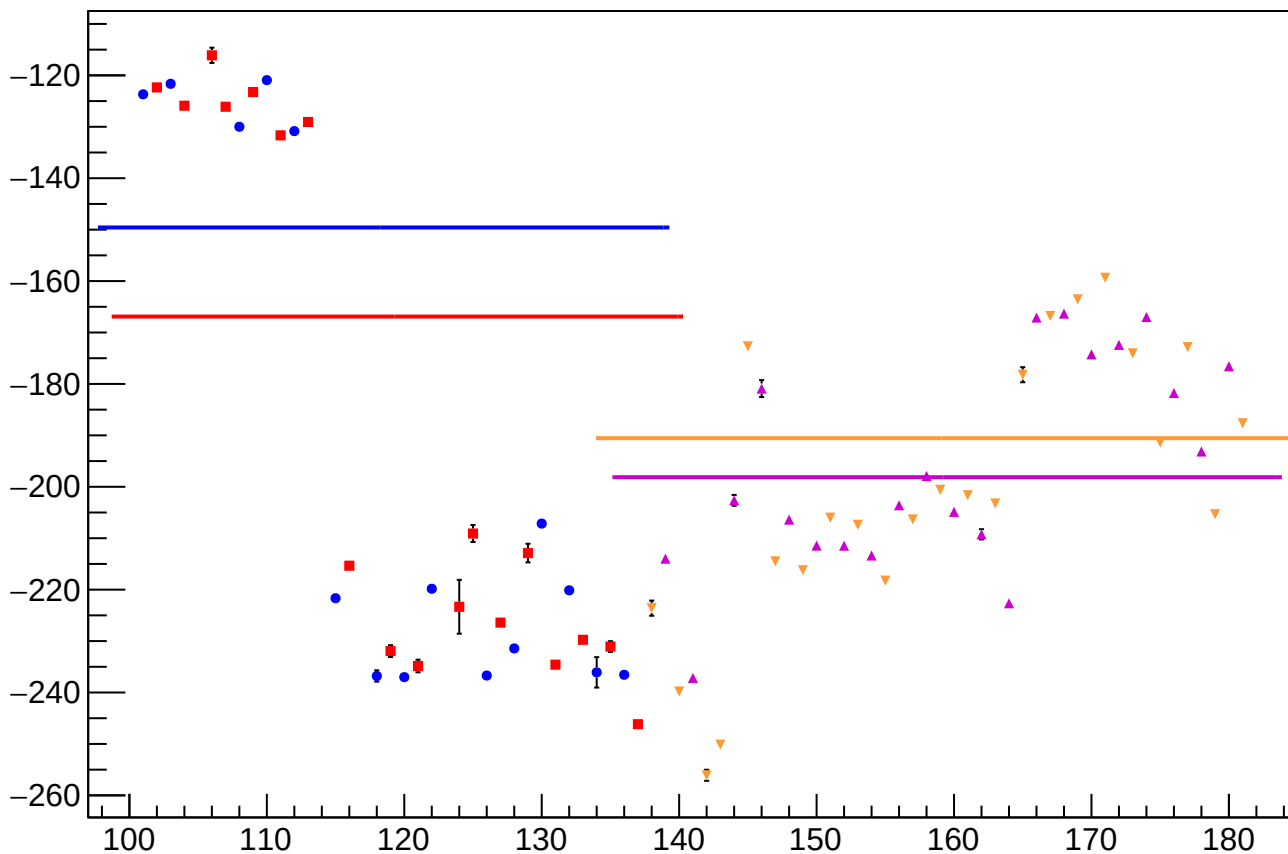
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.783 ± 0.096 $\chi^2/\text{NDF}: 17109.4/35$

Out: 19.568 ± 0.096 $\chi^2/\text{NDF}: 20850.3/40$

All: 19.676 ± 0.068 $\chi^2/\text{NDF}: 37962.2/76$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -190.551 ± 0.104 χ^2/NDF : 50636.9/22

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: -194.526 ± 0.072 χ^2/NDF : 95413.2/43

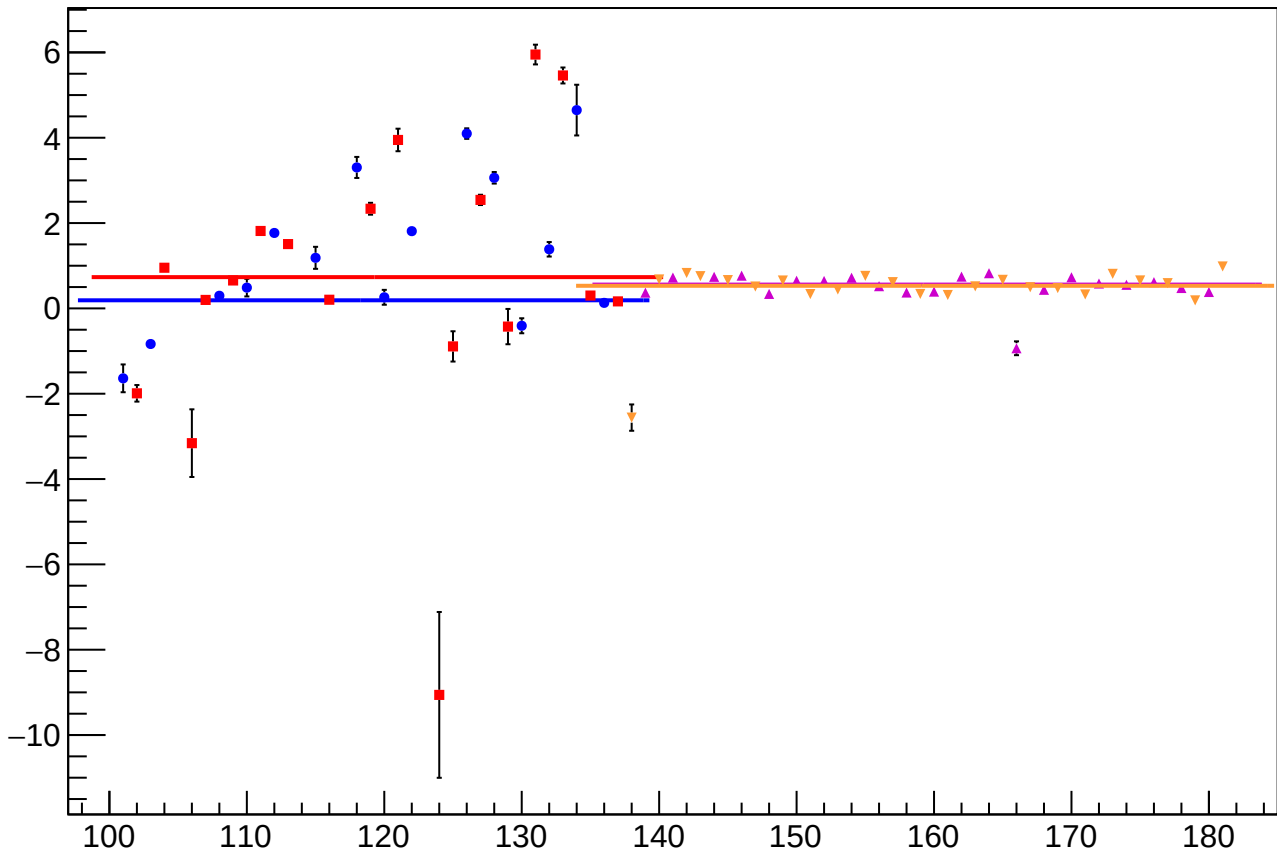
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -174.297 ± 0.071 χ^2/NDF : 355020.0/35

Out: -178.332 ± 0.072 χ^2/NDF : 372851.6/40

All: -176.268 ± 0.051 χ^2/NDF : 729464.1/76

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:8551.3/22

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2 /NDF:5506.4/20

Left: 0.545 $\pm$ 0.001 χ^2 /NDF: 14152.3/43

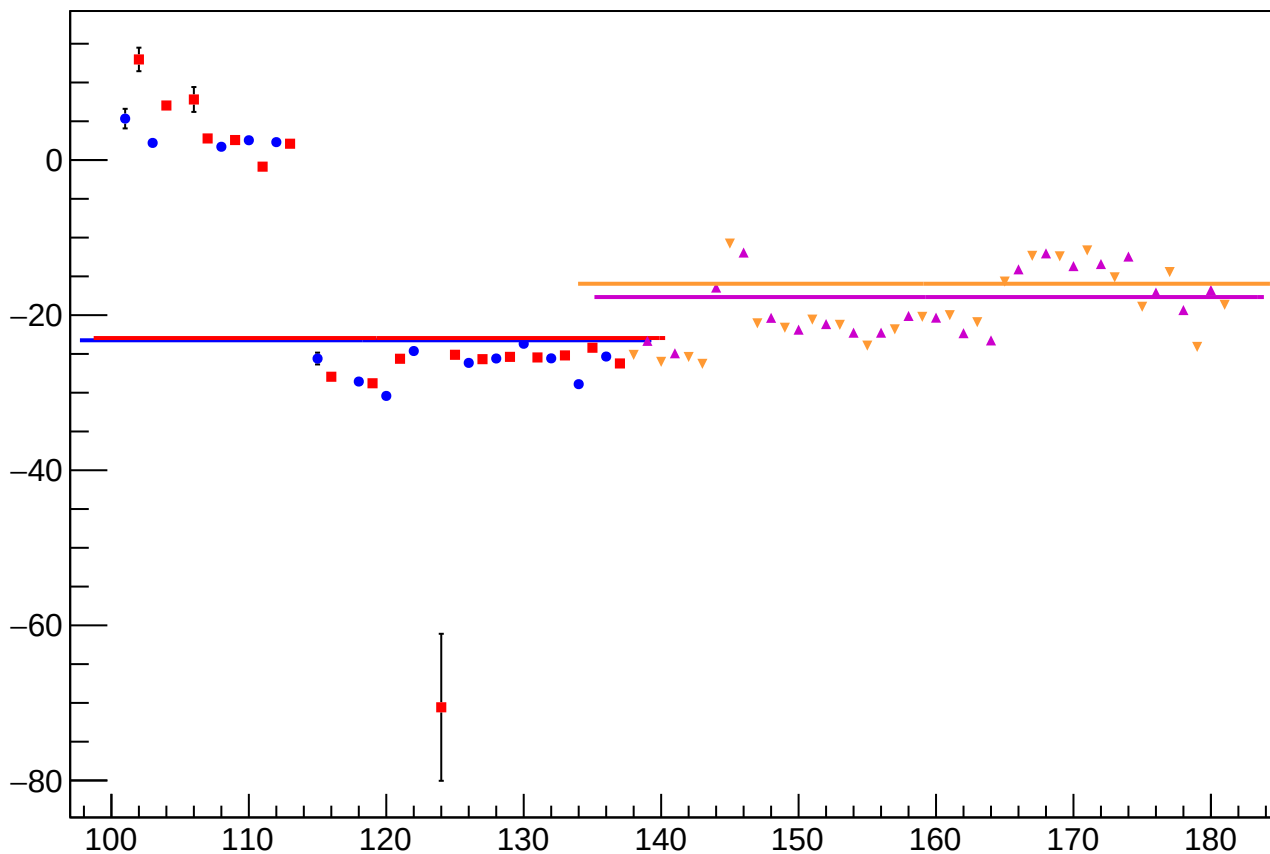
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.540 $\pm$ 0.002 χ^2 /NDF:9971.1/35

Out: 0.532 $\pm$ 0.002 χ^2 /NDF:11322.5/40

All: 0.536 $\pm$ 0.001 χ^2 /NDF: 21300.9/76

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.950 ± 0.011 $\chi^2/\text{NDF}: 188118.8/22$

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: -16.758 ± 0.008 $\chi^2/\text{NDF}: 319773.9/43$

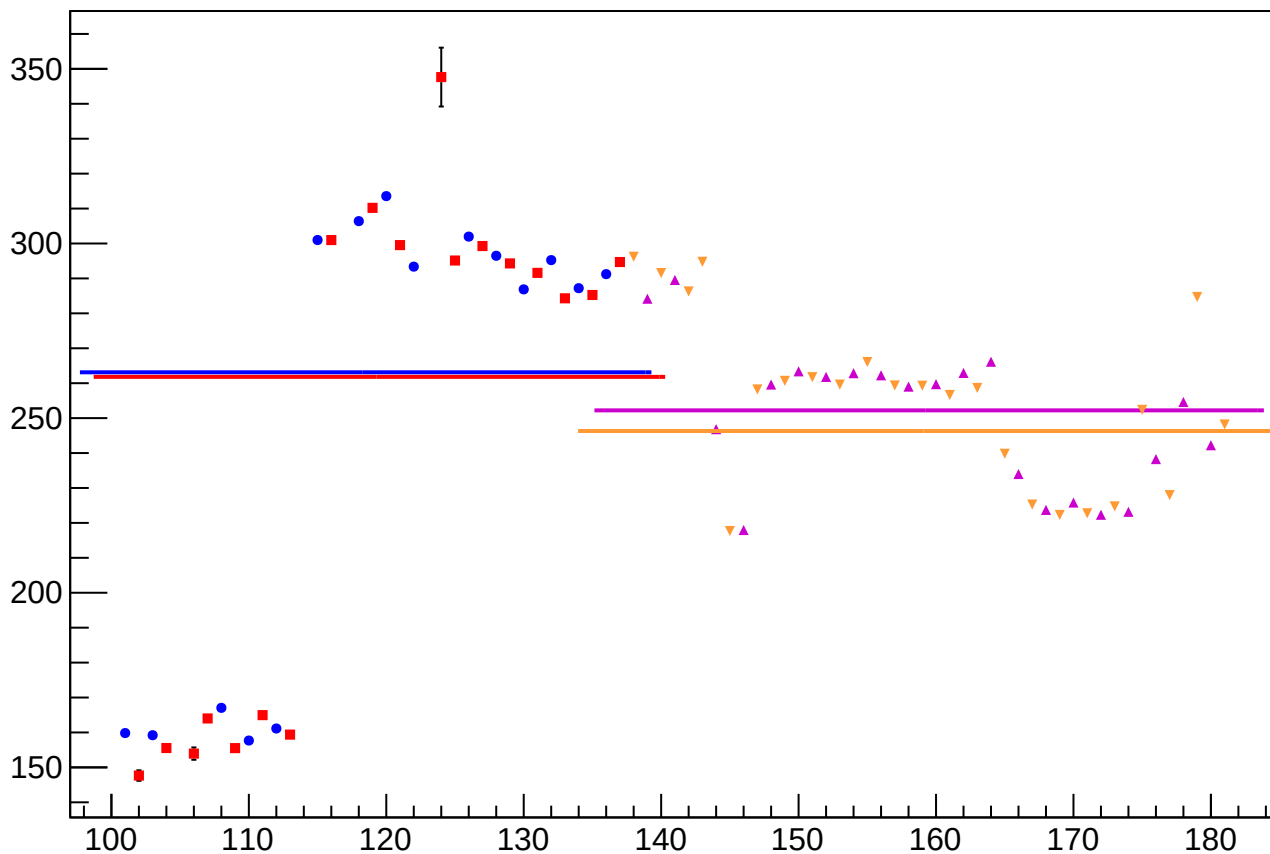
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.689 ± 0.011 $\chi^2/\text{NDF}: 264816.5/35$

Out: -17.121 ± 0.010 $\chi^2/\text{NDF}: 363111.4/40$

All: -17.866 ± 0.007 $\chi^2/\text{NDF}: 639393.2/76$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.312 $\pm$ 0.028 χ^2 /NDF: 684669.9/22

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: 249.250 $\pm$ 0.020 χ^2 /NDF: 1064413.2/43

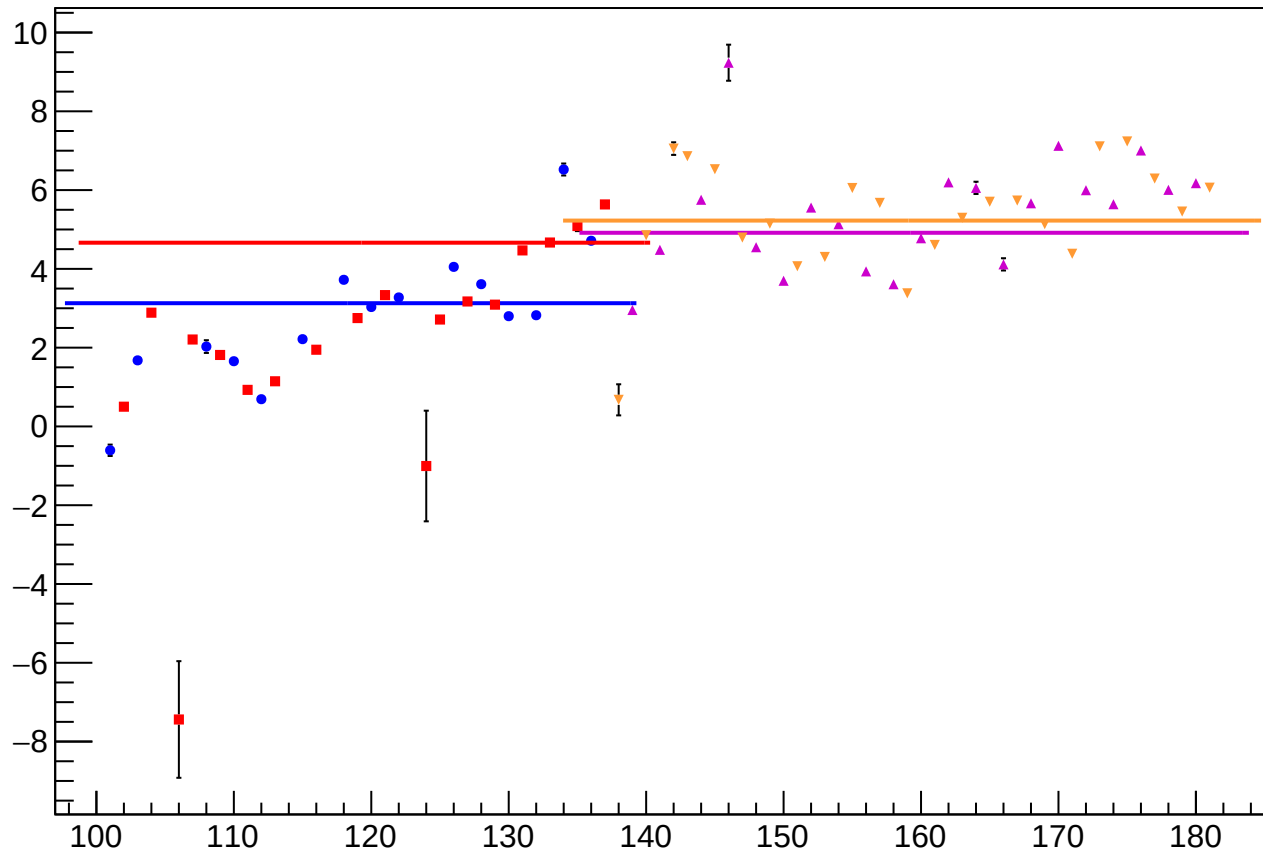
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.804 $\pm$ 0.026 χ^2 /NDF: 1072289.0/35

Out: 249.105 $\pm$ 0.026 χ^2 /NDF: 1744795.7/40

All: 251.393 $\pm$ 0.018 χ^2 /NDF: 2833422.3/76

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.226 $\pm$ 0.014 χ^2 /NDF: 4505.3/22

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.916 $\pm$ 0.013 χ^2 /NDF: 10394.1/20

Left: 5.060 $\pm$ 0.009 χ^2 /NDF: 15167.7/43

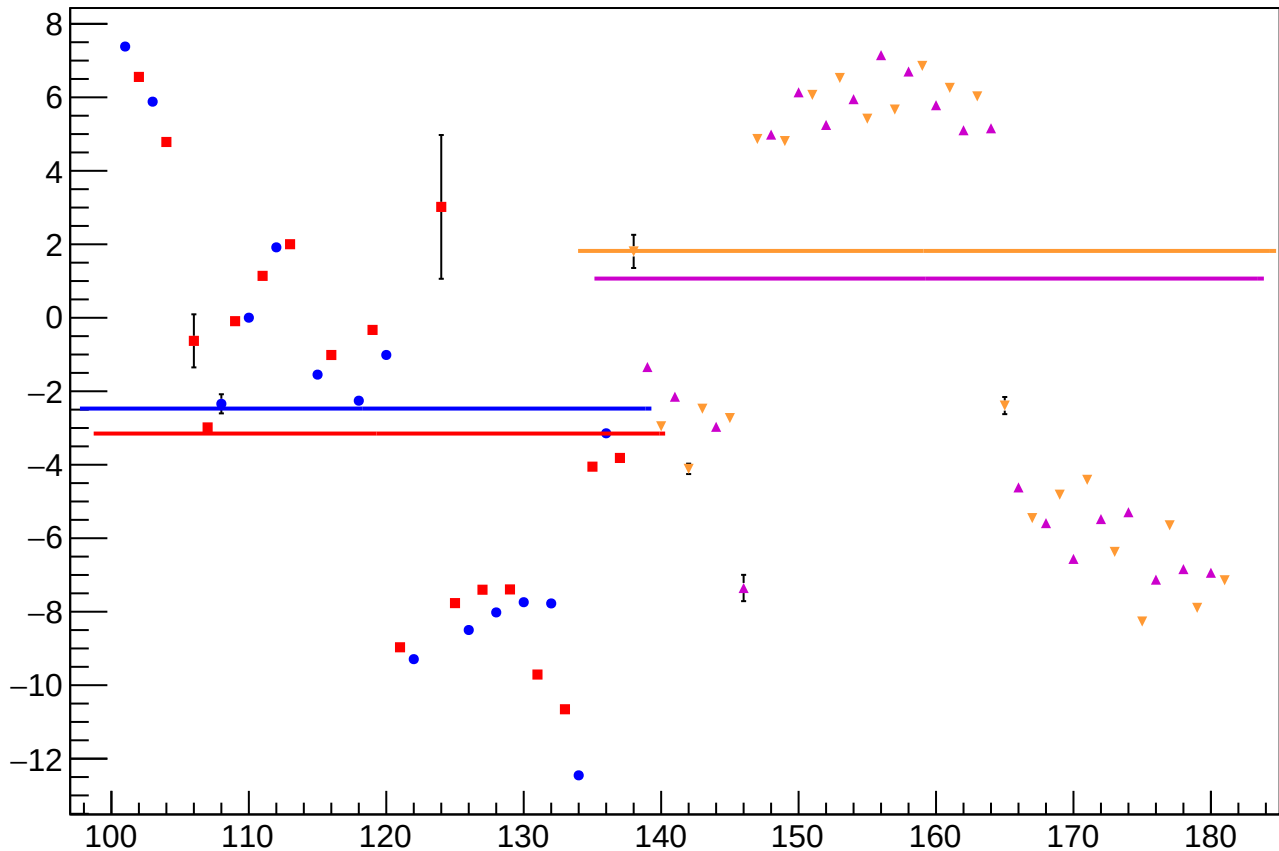
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 4.200 $\pm$ 0.010 χ^2 /NDF: 23778.3/35

Out: 4.762 $\pm$ 0.006 χ^2 /NDF: 72728.0/40

All: 4.621 $\pm$ 0.005 χ^2 /NDF: 98885.0/76

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 $\pm$ 0.014 χ^2/NDF : 242579.9/14

Left Out: 1.820 $\pm$ 0.012 χ^2/NDF : 209601.0/22

Right Out: -3.151 $\pm$ 0.007 χ^2/NDF : 247427.7/17

Left In: 1.067 $\pm$ 0.011 χ^2/NDF : 244719.3/20

Left: 1.431 $\pm$ 0.008 χ^2/NDF : 456504.8/43

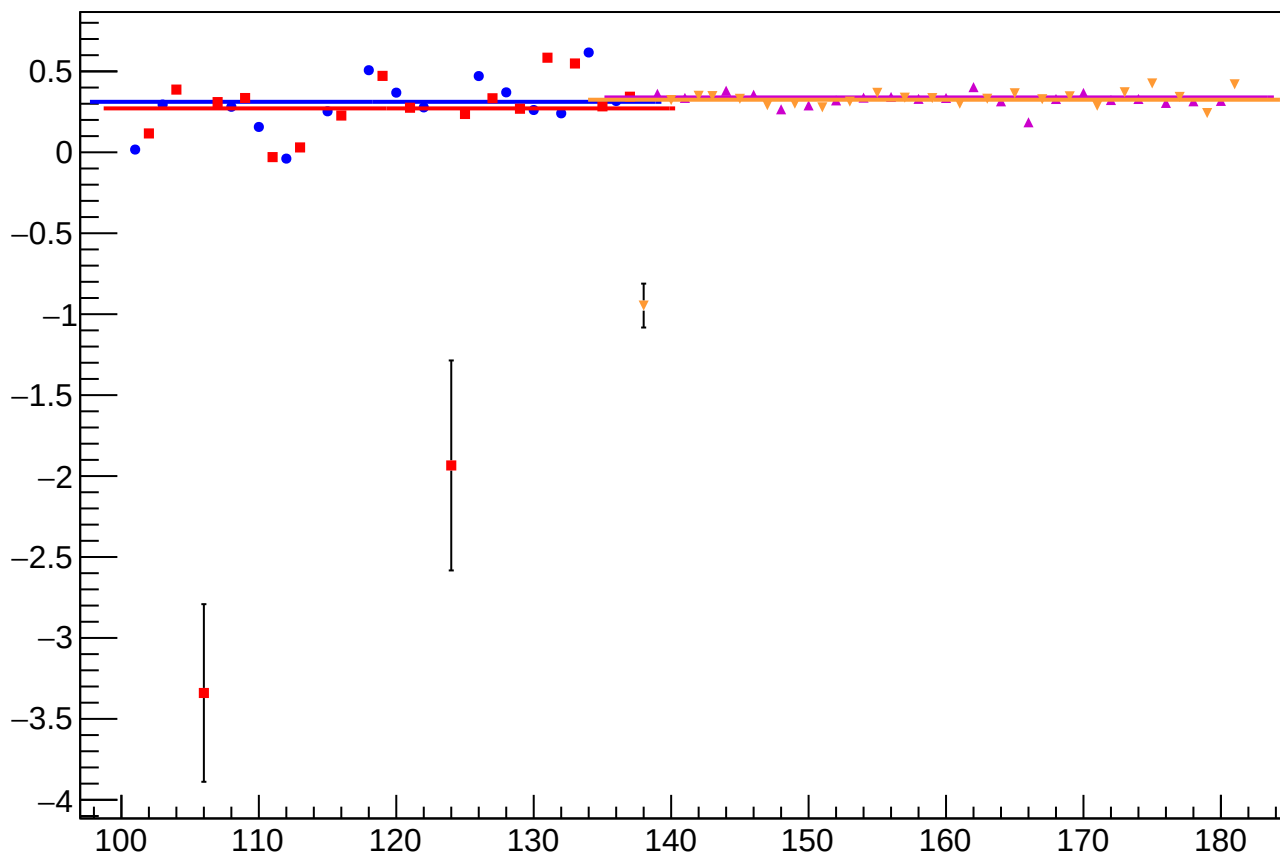
Right: -3.003 $\pm$ 0.007 χ^2/NDF : 491827.6/32

In: -0.301 $\pm$ 0.009 χ^2/NDF : 525895.6/35

Out: -1.699 $\pm$ 0.006 χ^2/NDF : 587699.6/40

All: -1.227 $\pm$ 0.005 χ^2/NDF : 1130437.4/76

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2870.3/22$

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 $\chi^2/\text{NDF}: 6601.0/43$

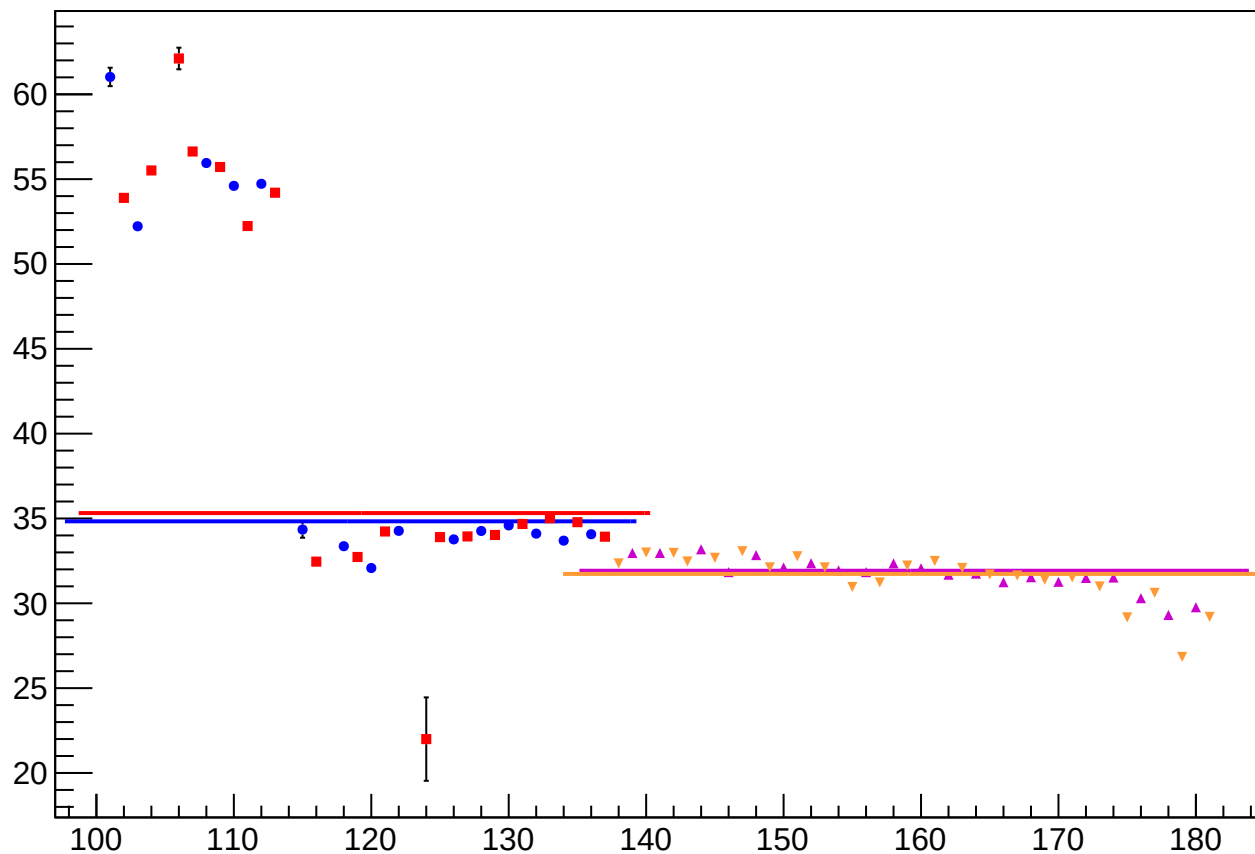
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5113.4/35$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9614.6/40$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 15065.0/76$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.732 $\pm$ 0.003 χ^2 /NDF: 64567.1/22

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: 31.814 $\pm$ 0.002 χ^2 /NDF: 88947.8/43

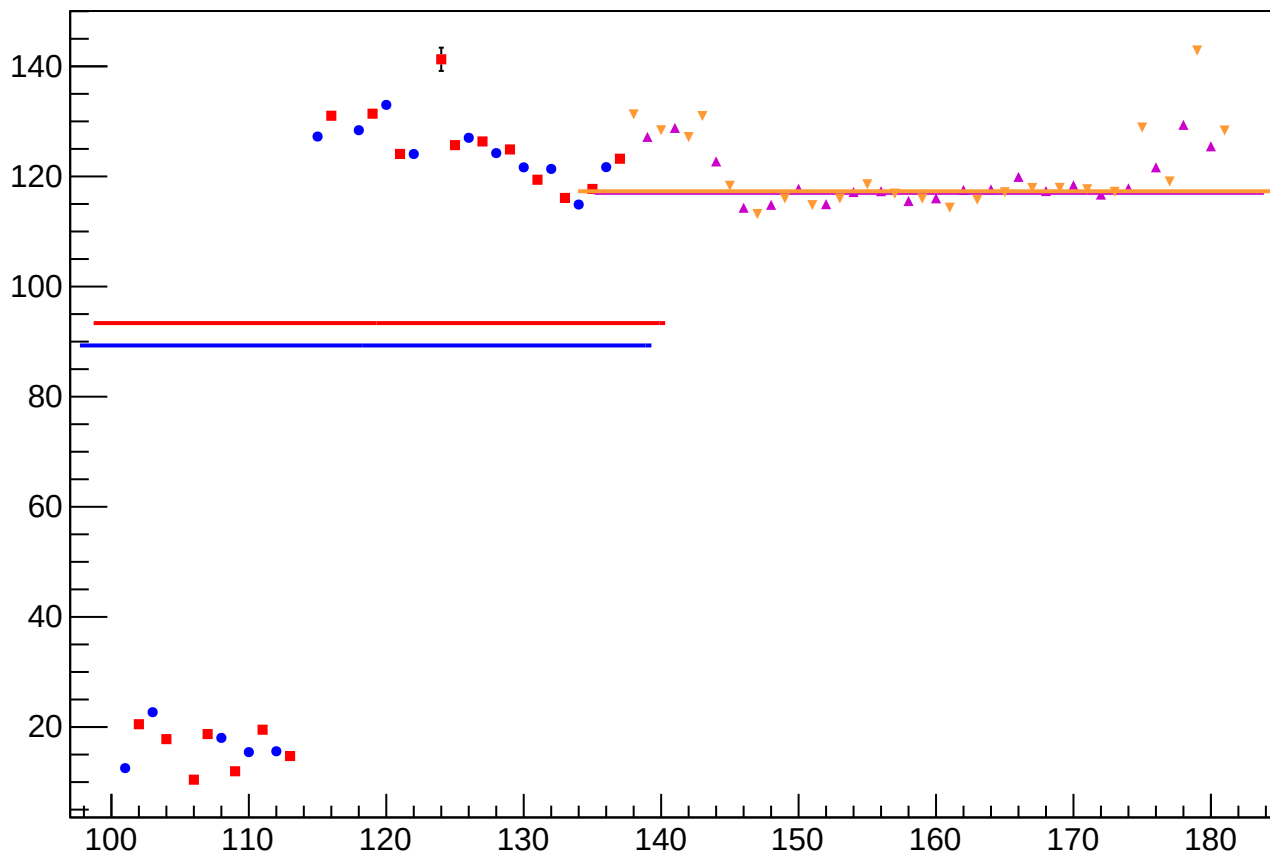
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.359 $\pm$ 0.003 χ^2 /NDF: 365369.5/35

Out: 32.069 $\pm$ 0.003 χ^2 /NDF: 443746.3/40

All: 32.200 $\pm$ 0.002 χ^2 /NDF: 813231.5/76

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.310 ± 0.008 $\chi^2/\text{NDF}: 152457.6/22$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.023 ± 0.009 $\chi^2/\text{NDF}: 52172.4/20$

Left: 117.180 ± 0.006 $\chi^2/\text{NDF}: 205216.0/43$

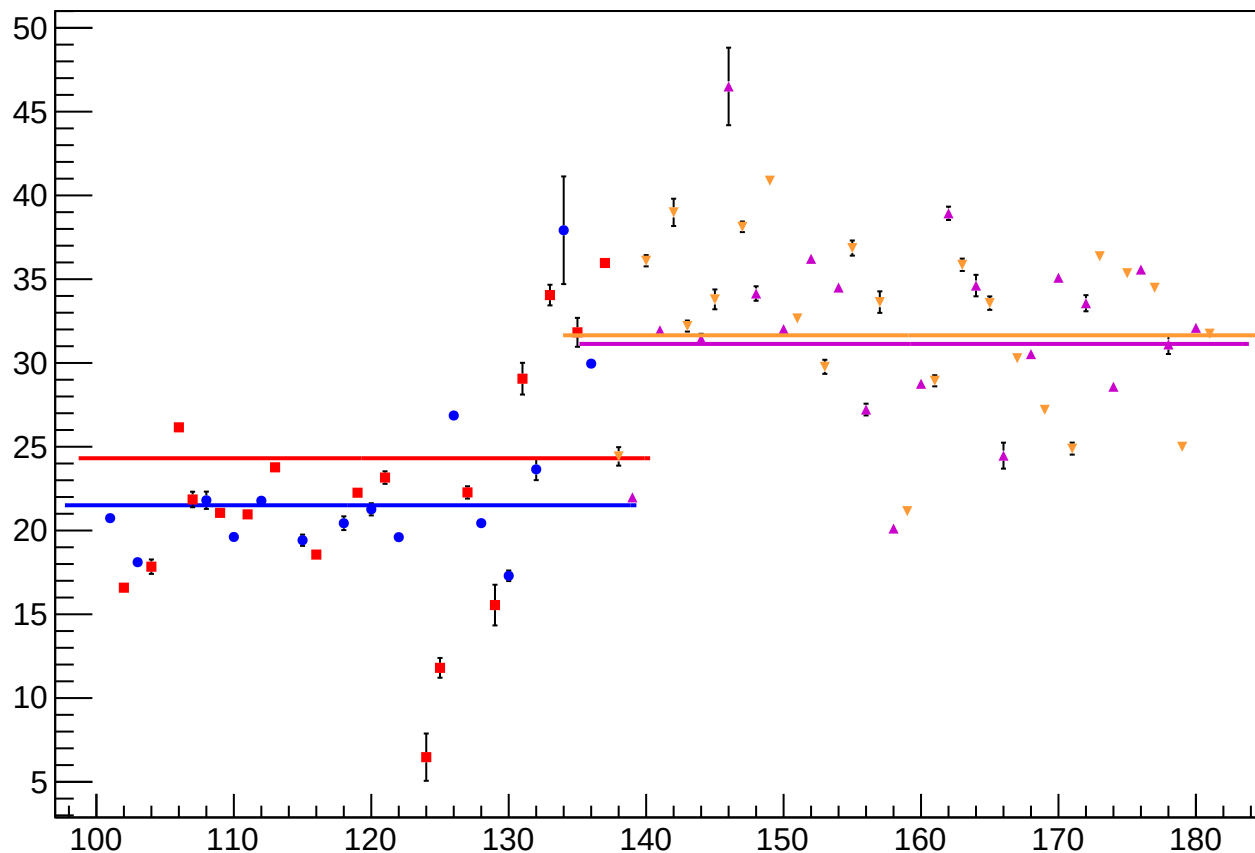
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.452 ± 0.008 $\chi^2/\text{NDF}: 4012730.8/35$

Out: 115.719 ± 0.008 $\chi^2/\text{NDF}: 3601898.9/40$

All: 115.136 ± 0.006 $\chi^2/\text{NDF}: 7627036.0/76$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.651 ± 0.063 $\chi^2/\text{NDF}: 6068.8/22$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 31.137 ± 0.059 $\chi^2/\text{NDF}: 5926.9/20$

Left: 31.377 ± 0.043 $\chi^2/\text{NDF}: 12030.9/43$

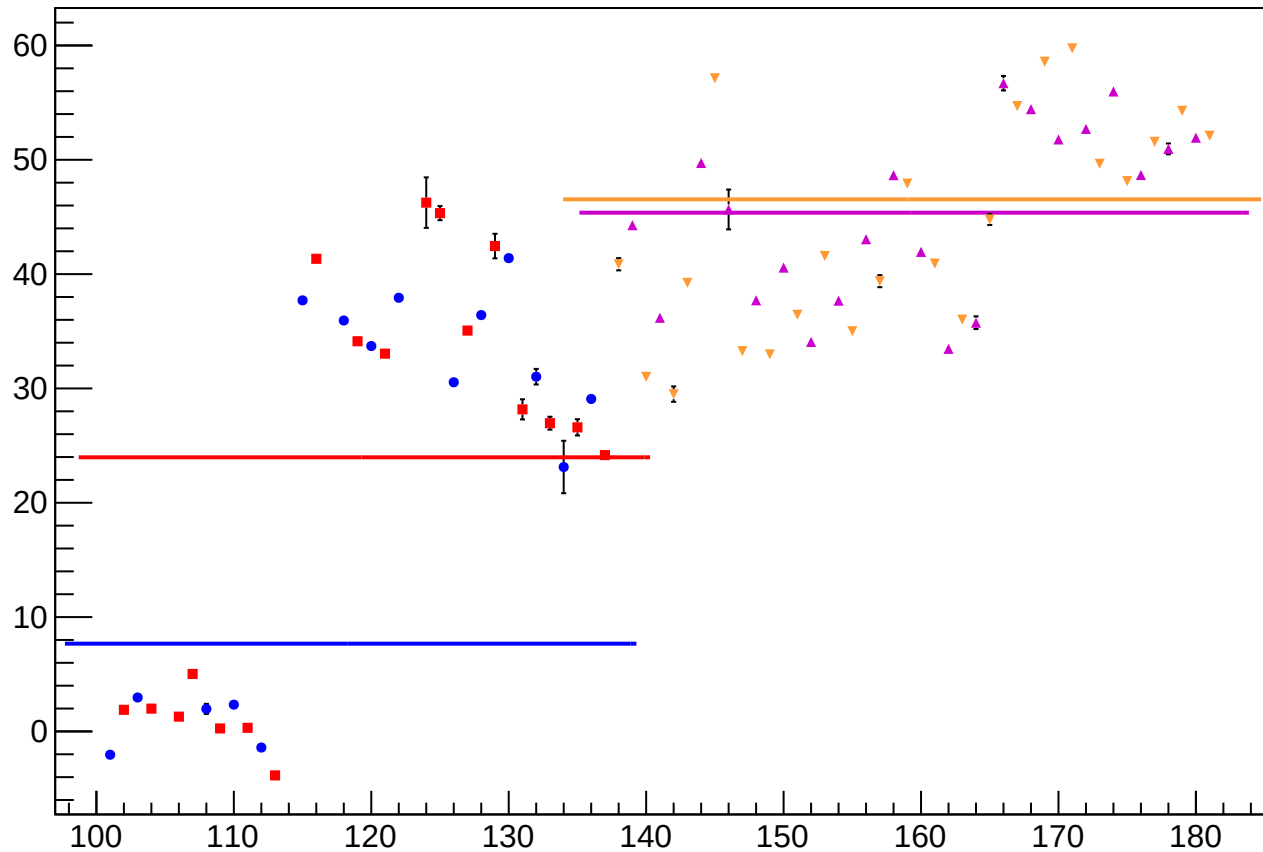
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 27.272 ± 0.046 $\chi^2/\text{NDF}: 19504.9/35$

Out: 27.692 ± 0.043 $\chi^2/\text{NDF}: 27613.8/40$

All: 27.496 ± 0.031 $\chi^2/\text{NDF}: 47163.4/76$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 46.541 ± 0.053 χ^2/NDF : 26287.3/22

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 45.374 ± 0.050 χ^2/NDF : 18717.6/20

Left: 45.930 ± 0.036 χ^2/NDF : 45261.8/43

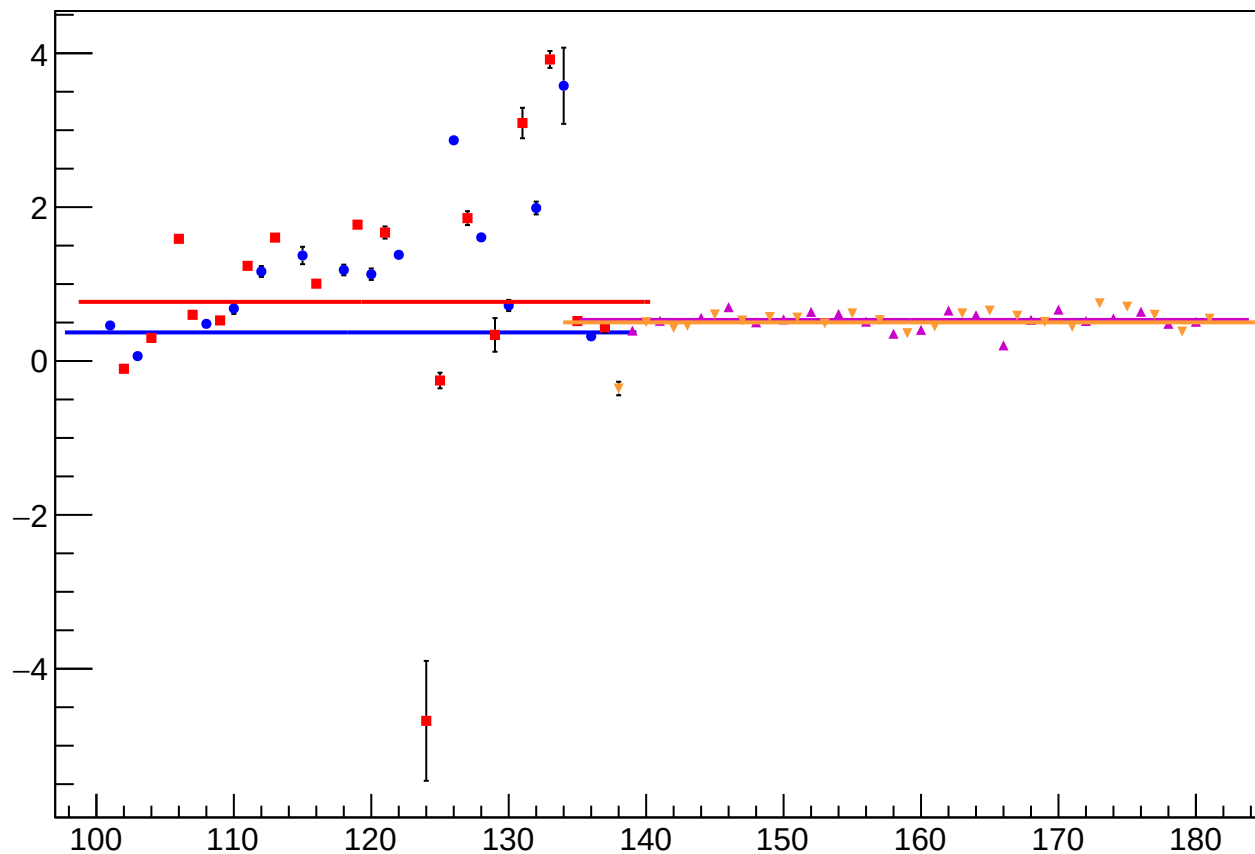
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 24.560 ± 0.034 χ^2/NDF : 426251.9/35

Out: 24.508 ± 0.008 χ^2/NDF : 315963.5/40

All: 24.511 ± 0.008 χ^2/NDF : 742217.6/76

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.502 $\pm$ 0.001 χ^2 /NDF:15163.1/22

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.534 $\pm$ 0.001 χ^2 /NDF:12396.2/20

Left: 0.519 $\pm$ 0.001 χ^2 /NDF: 28127.7/43

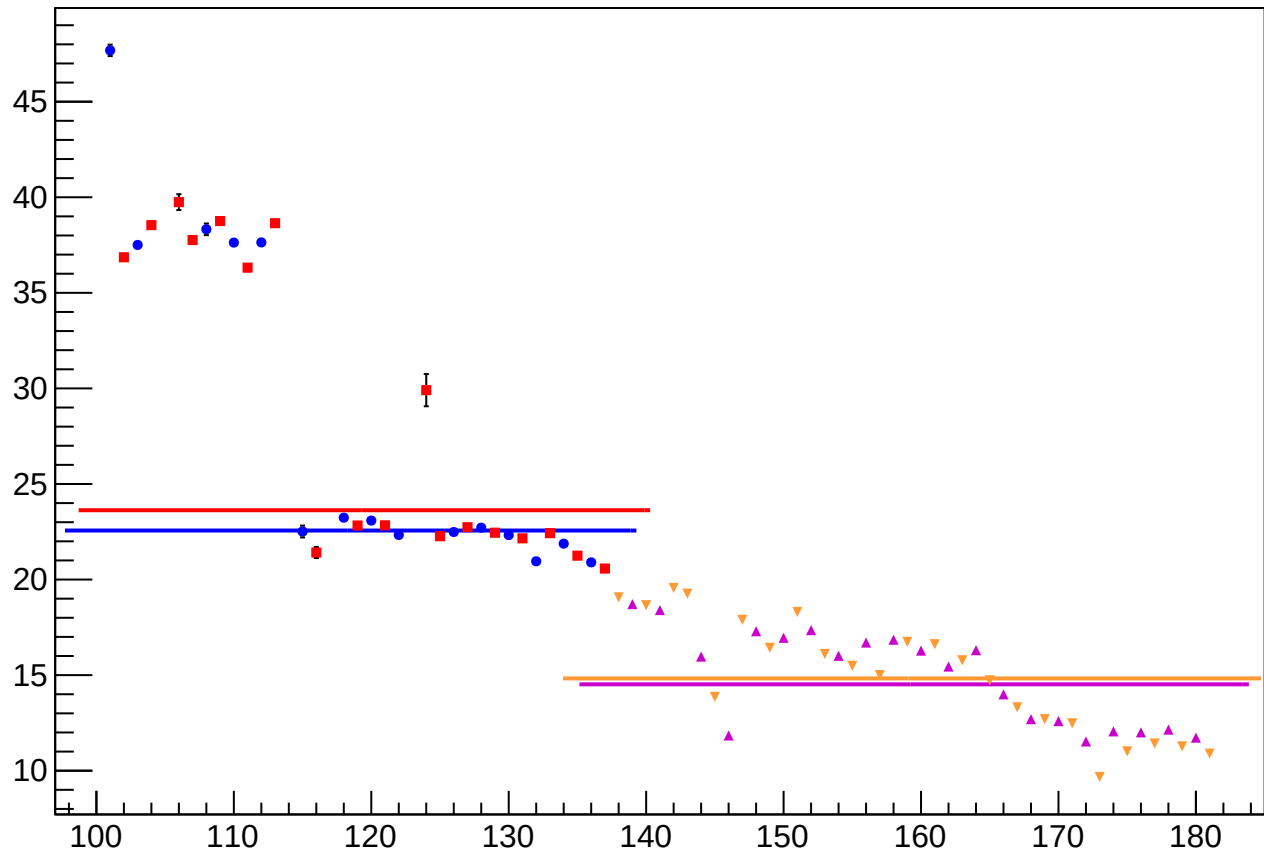
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.527 $\pm$ 0.001 χ^2 /NDF:18470.5/35

Out: 0.507 $\pm$ 0.001 χ^2 /NDF:20749.9/40

All: 0.518 $\pm$ 0.001 χ^2 /NDF: 39452.7/76

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 14.828 ± 0.005 $\chi^2/\text{NDF}: 297177.9/22$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 14.518 ± 0.006 $\chi^2/\text{NDF}: 191089.1/20$

Left: 14.680 ± 0.004 $\chi^2/\text{NDF}: 489852.6/43$

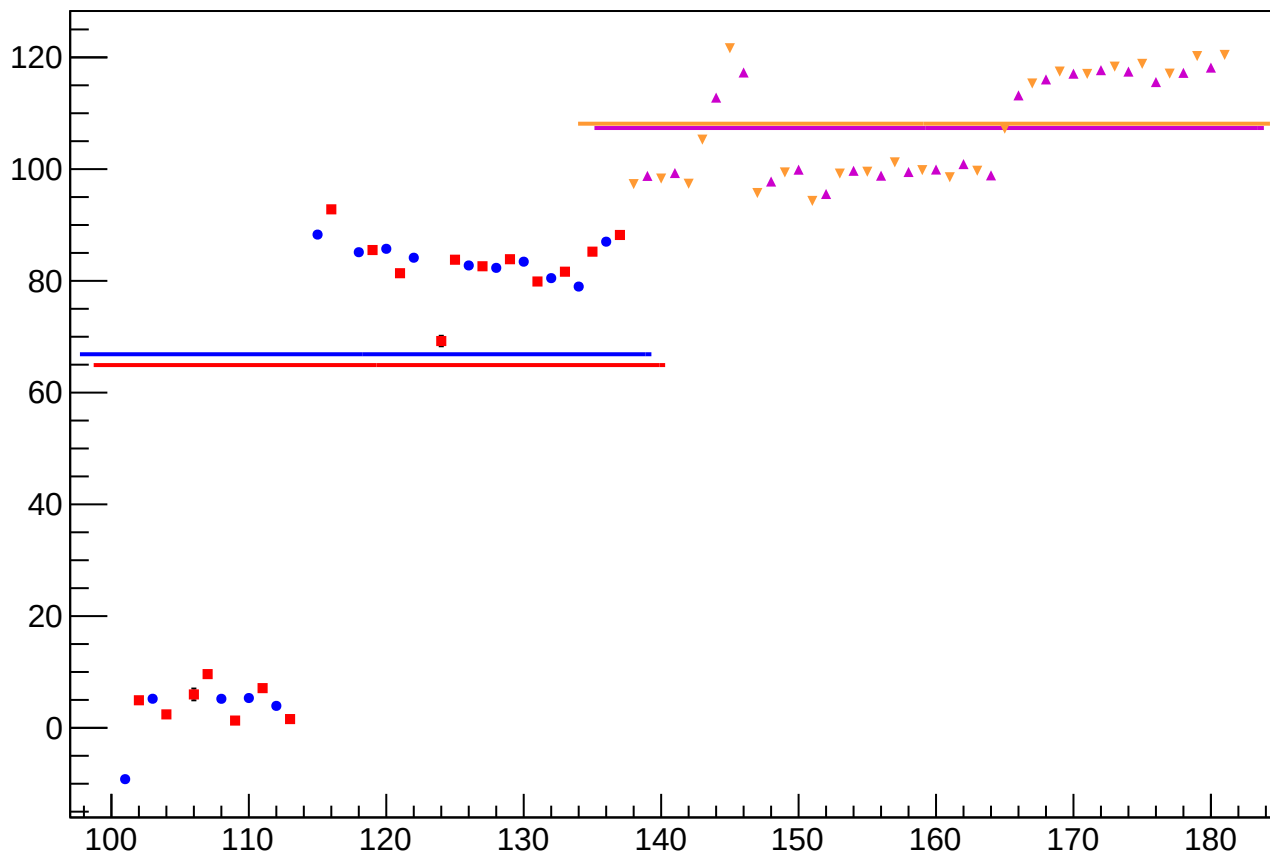
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 16.399 ± 0.005 $\chi^2/\text{NDF}: 763339.3/35$

Out: 16.470 ± 0.005 $\chi^2/\text{NDF}: 920475.4/40$

All: 16.435 ± 0.003 $\chi^2/\text{NDF}: 1683920.9/76$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 108.131 $\pm$ 0.010 χ^2 /NDF: 960443.9/22

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 107.355 $\pm$ 0.010 χ^2 /NDF: 853912.5/20

Left: 107.740 $\pm$ 0.007 χ^2 /NDF: 1817473.4/43

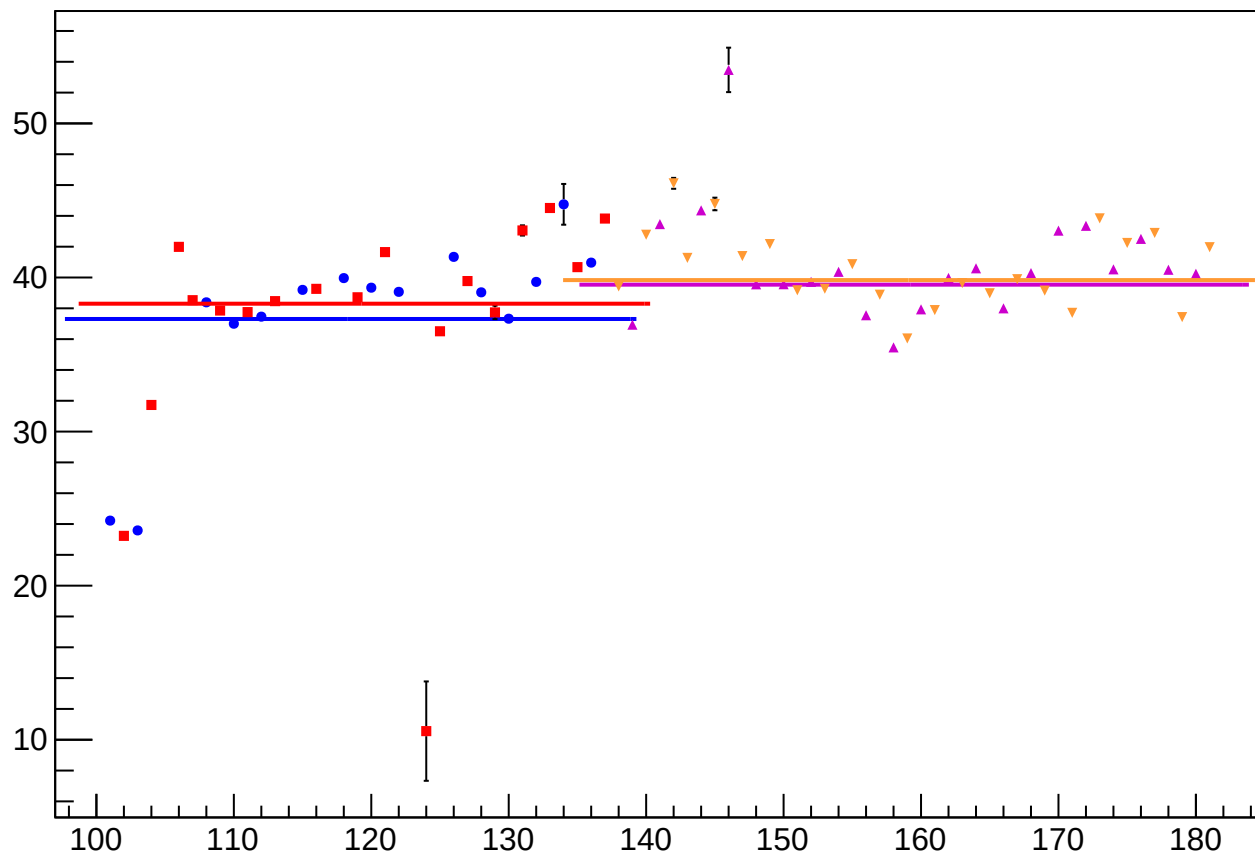
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 102.662 $\pm$ 0.009 χ^2 /NDF: 4327371.4/35

Out: 103.848 $\pm$ 0.009 χ^2 /NDF: 4197564.3/40

All: 103.245 $\pm$ 0.007 χ^2 /NDF: 8533088.6/76

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.832 ± 0.028 $\chi^2/\text{NDF}: 6855.1/22$

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: 39.662 ± 0.018 $\chi^2/\text{NDF}: 15335.4/43$

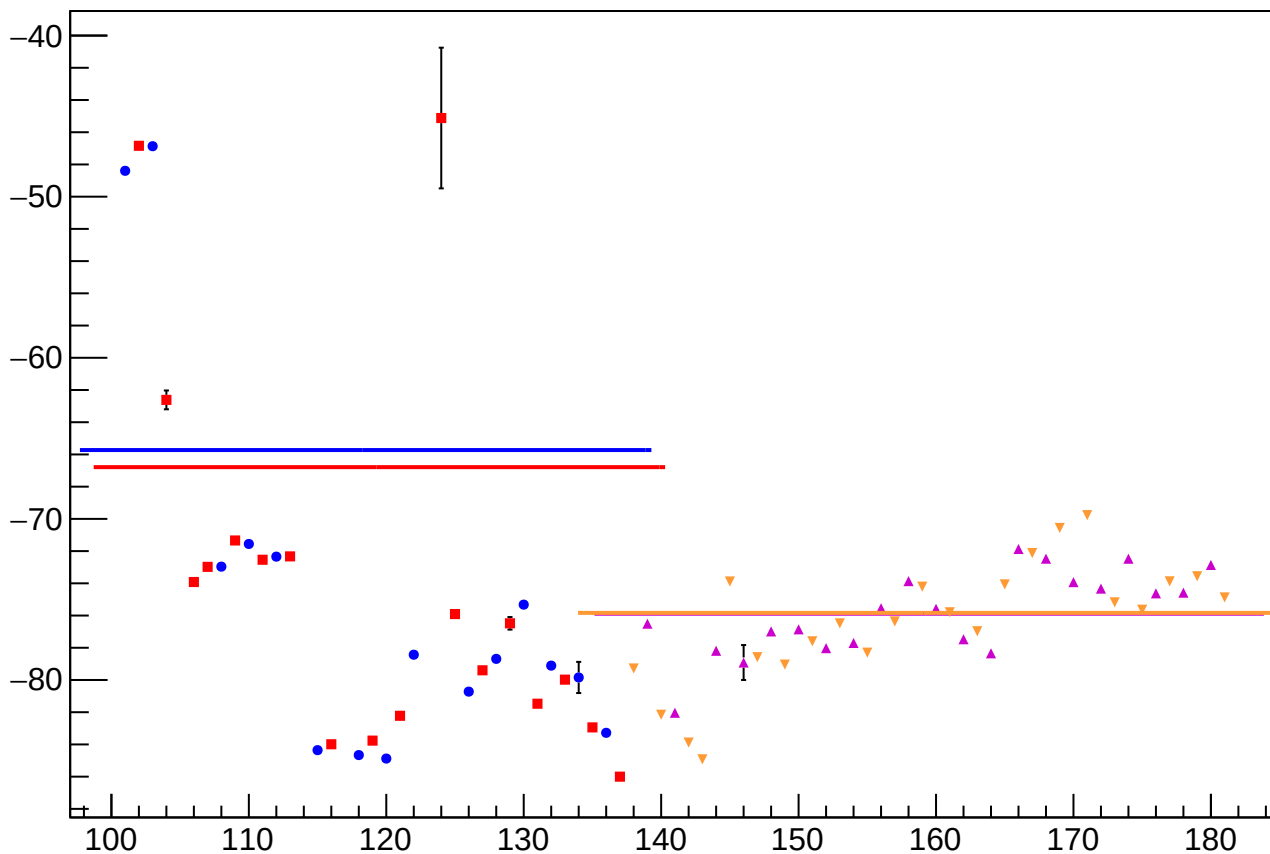
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.387 ± 0.017 $\chi^2/\text{NDF}: 72508.1/35$

Out: 38.842 ± 0.016 $\chi^2/\text{NDF}: 27668.7/40$

All: 38.616 ± 0.012 $\chi^2/\text{NDF}: 100556.0/76$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 χ^2/NDF : 903051.8/14

Left Out: -75.834 ± 0.022 χ^2/NDF : 23517.7/22

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: -75.864 ± 0.015 χ^2/NDF : 35445.9/43

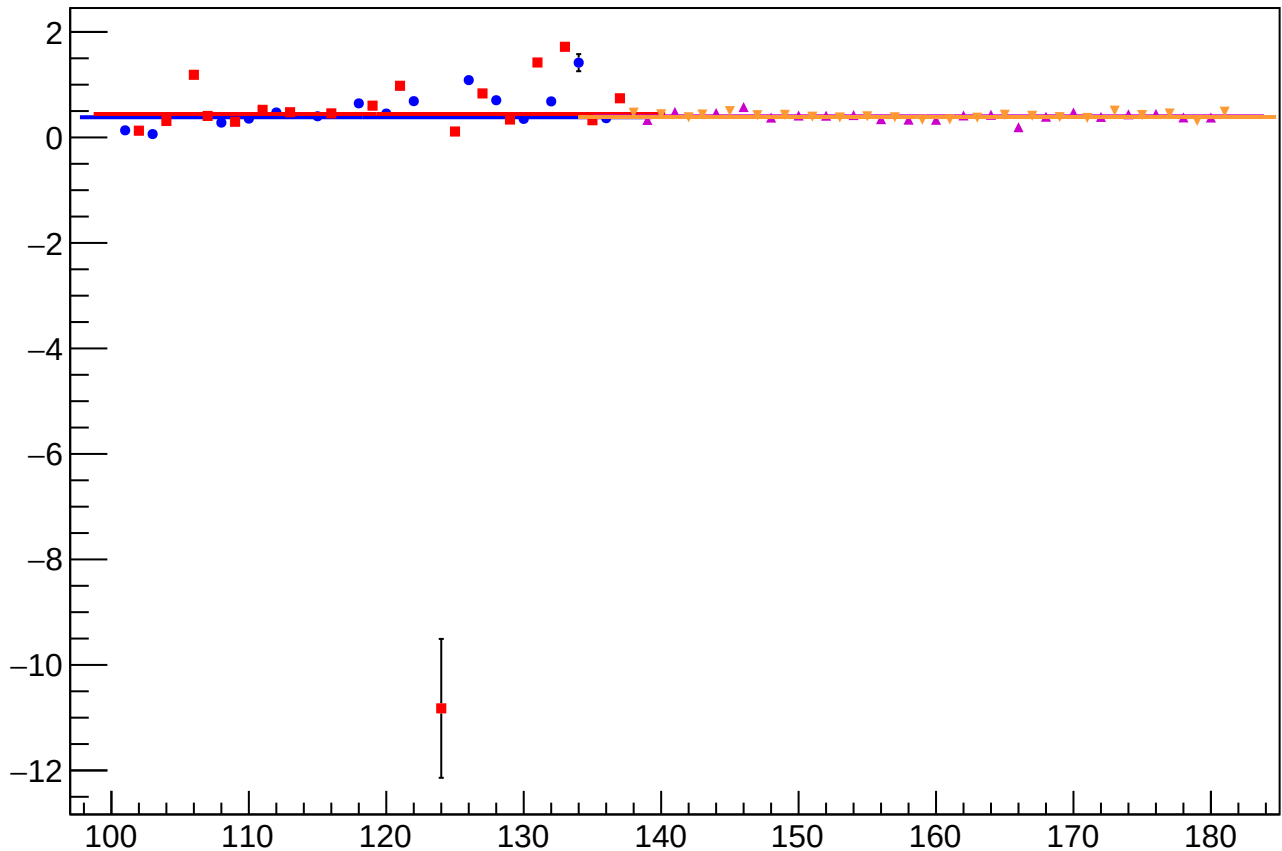
Right: -66.292 ± 0.012 χ^2/NDF : 1714516.0/32

In: -70.065 ± 0.013 χ^2/NDF : 1070161.5/35

Out: -69.826 ± 0.013 χ^2/NDF : 942877.8/40

All: -69.947 ± 0.009 χ^2/NDF : 2013212.0/76

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.387 ± 0.000 $\chi^2/\text{NDF}: 10432.4/22$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.401 ± 0.000 $\chi^2/\text{NDF}: 8517.0/20$

Left: 0.394 ± 0.000 $\chi^2/\text{NDF}: 19388.0/43$

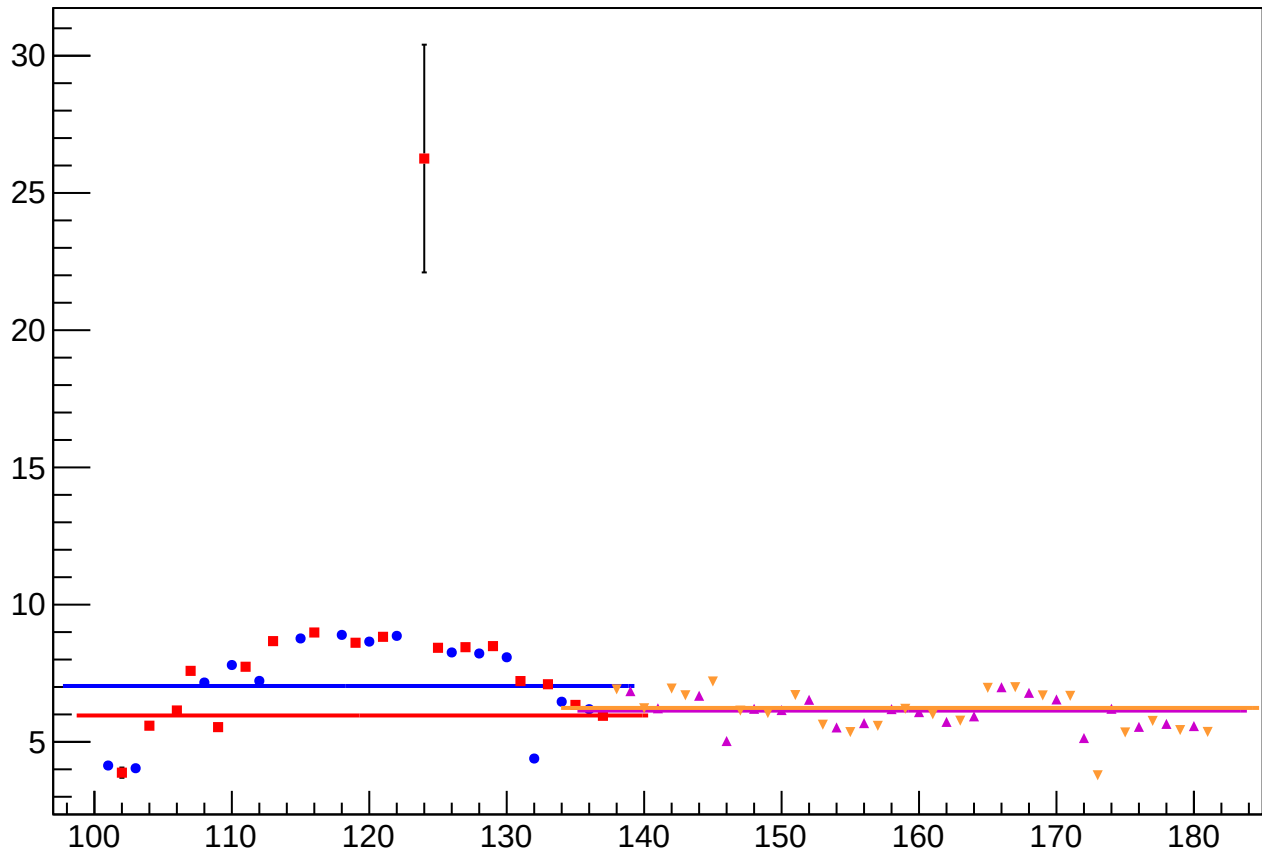
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.400 ± 0.000 $\chi^2/\text{NDF}: 16778.1/35$

Out: 0.388 ± 0.000 $\chi^2/\text{NDF}: 13459.0/40$

All: 0.394 ± 0.000 $\chi^2/\text{NDF}: 30571.5/76$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.237 ± 0.002 χ^2/NDF : 115861.9/22

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.140 ± 0.002 χ^2/NDF : 52250.9/20

Left: 6.188 ± 0.001 χ^2/NDF : 170147.4/43

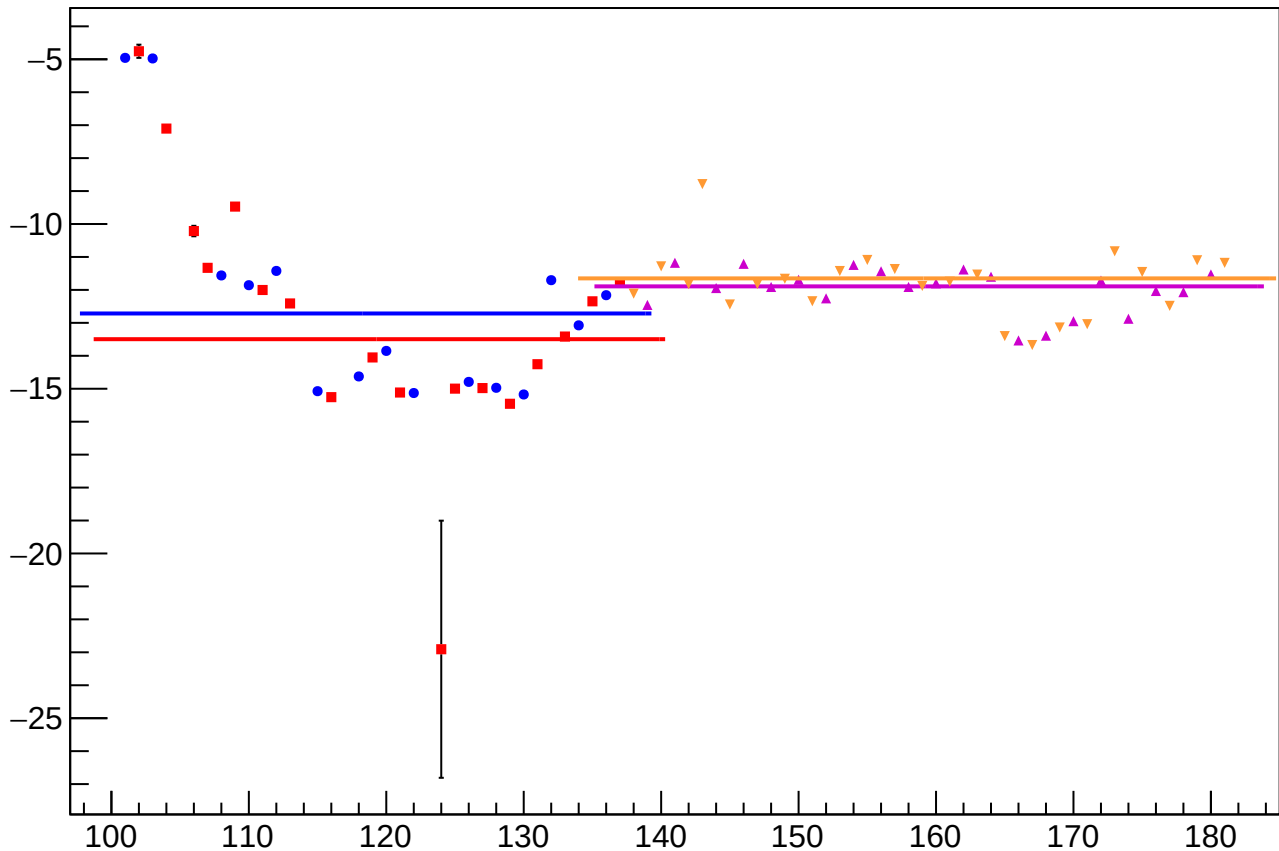
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.230 ± 0.001 χ^2/NDF : 157494.0/35

Out: 5.980 ± 0.000 χ^2/NDF : 314414.1/40

All: 5.997 ± 0.000 χ^2/NDF : 500048.5/76

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 $\pm$ 0.006 χ^2 /NDF: 85219.4/14

Left Out: -11.651 $\pm$ 0.002 χ^2 /NDF:344020.7/22

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: -11.770 $\pm$ 0.001 χ^2 /NDF: 415359.6/43

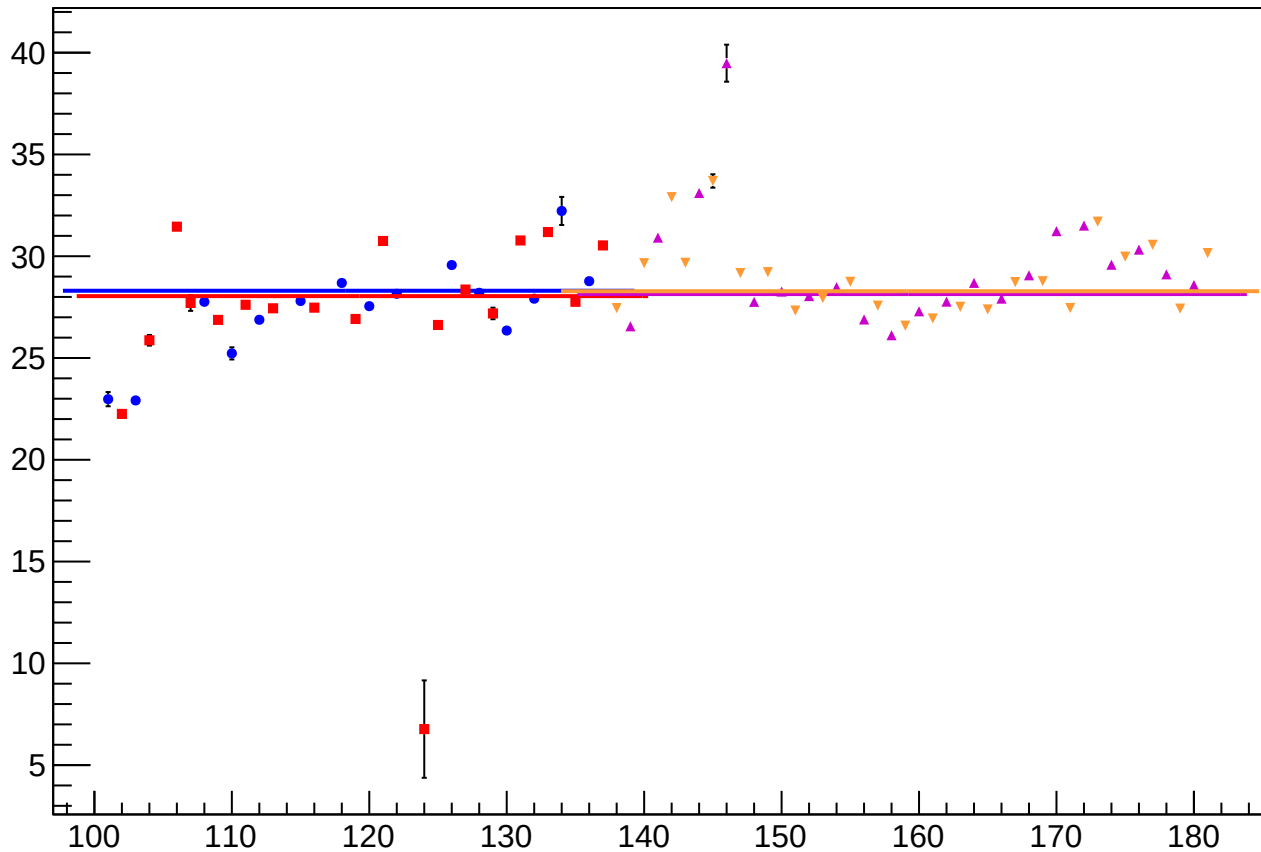
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.974 $\pm$ 0.002 χ^2 /NDF:164918.7/35

Out: -11.863 $\pm$ 0.002 χ^2 /NDF:489016.1/40

All: -11.918 $\pm$ 0.001 χ^2 /NDF: 655508.4/76

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.281 $\pm$ 0.018 χ^2 /NDF: 6706.9/22

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.141 $\pm$ 0.015 χ^2 /NDF: 8717.2/20

Left: 28.199 $\pm$ 0.011 χ^2 /NDF: 15460.2/43

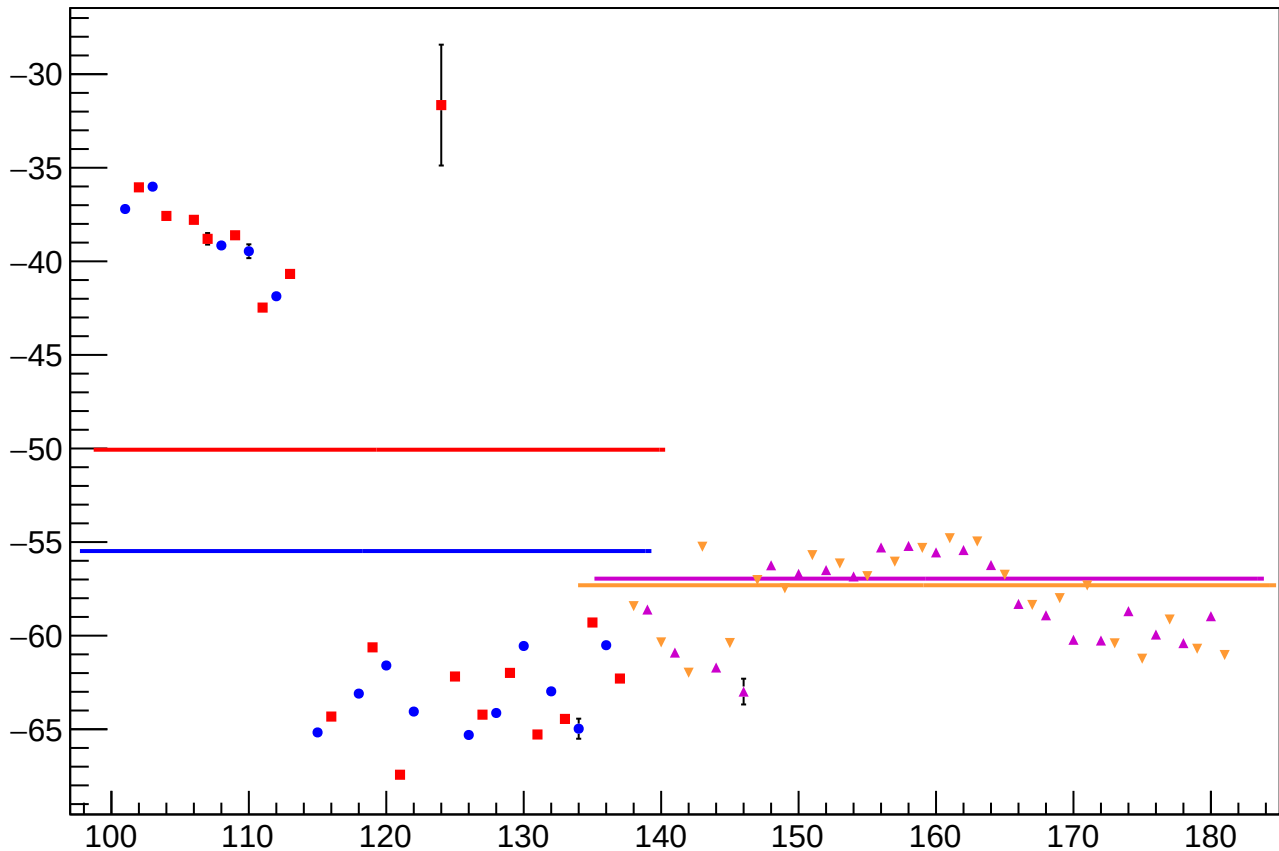
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.189 $\pm$ 0.013 χ^2 /NDF: 12152.3/35

Out: 28.219 $\pm$ 0.015 χ^2 /NDF: 9315.4/40

All: 28.201 $\pm$ 0.010 χ^2 /NDF: 21470.0/76

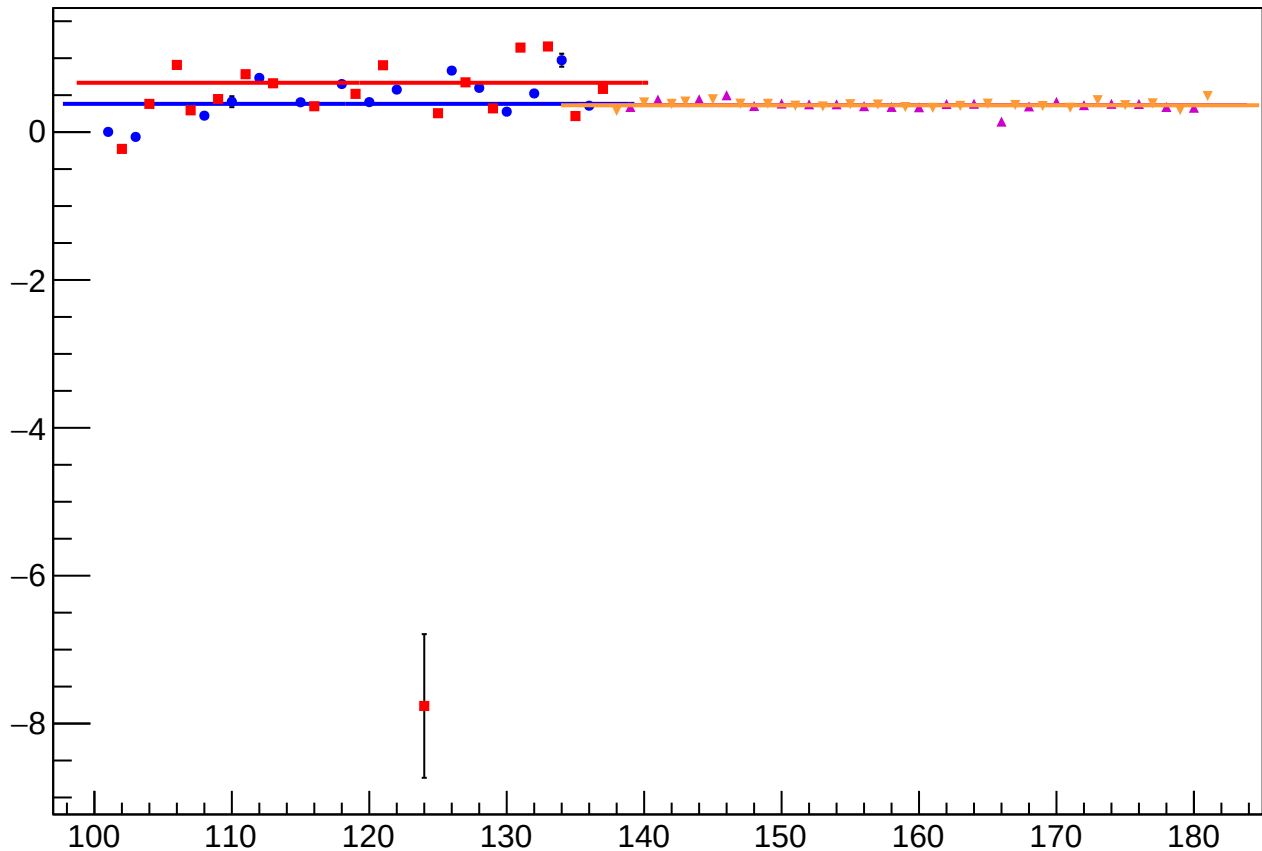
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -57.307 ± 0.015 $\chi^2/\text{NDF}: 22322.2/22$
 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: -57.109 ± 0.010 $\chi^2/\text{NDF}: 39504.0/43$
 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: -55.240 ± 0.012 $\chi^2/\text{NDF}: 432505.5/40$
 All: -55.931 ± 0.008 $\chi^2/\text{NDF}: 1054679.8/76$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 ± 0.000 χ^2/NDF : 8196.9/22

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.366 ± 0.000 χ^2/NDF : 6039.4/20

Left: 0.365 ± 0.000 χ^2/NDF : 14266.7/43

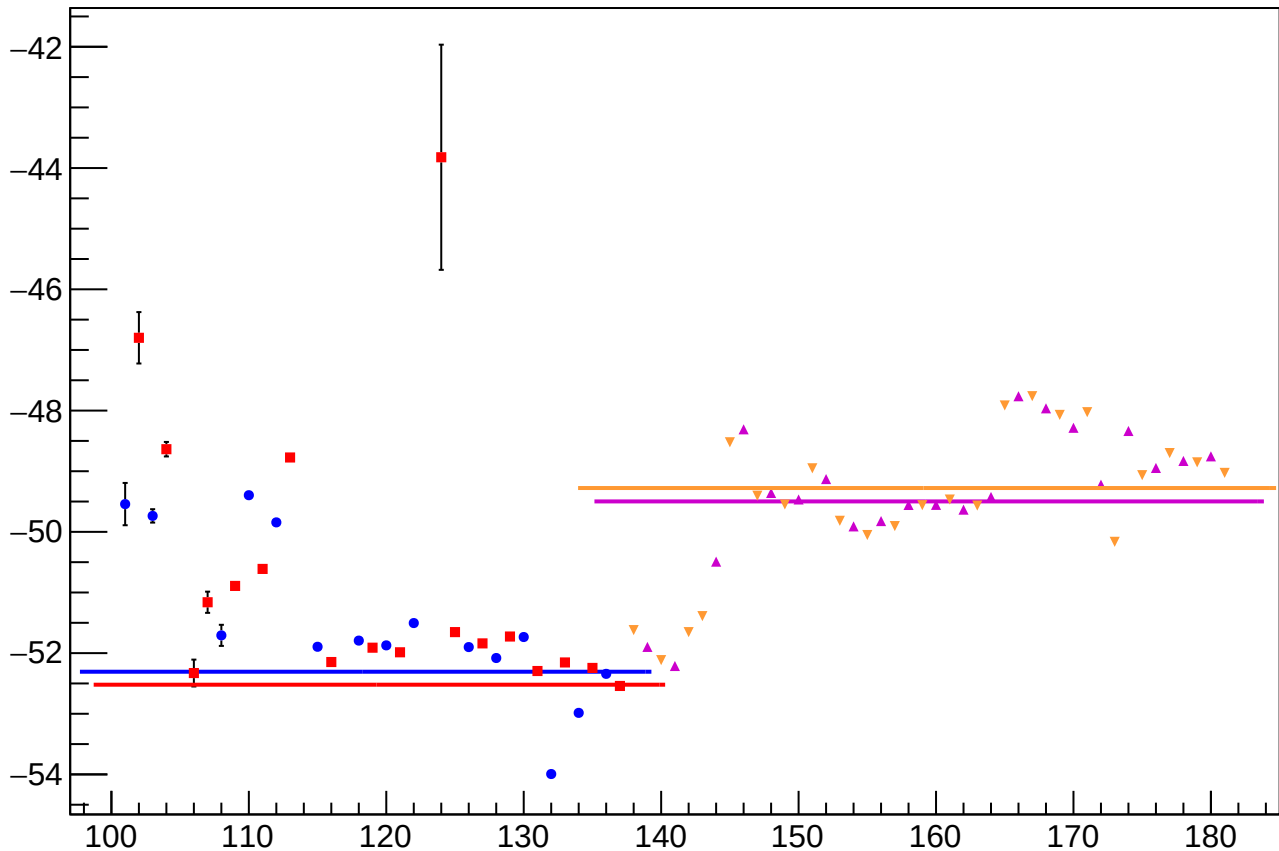
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10733.7/35

Out: 0.365 ± 0.000 χ^2/NDF : 16239.3/40

All: 0.366 ± 0.000 χ^2/NDF : 26985.0/76

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.277 $\pm$ 0.001 χ^2 /NDF: 510702.3/22

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.498 $\pm$ 0.001 χ^2 /NDF: 428930.9/20

Left: -49.385 $\pm$ 0.001 χ^2 /NDF: 952149.5/43

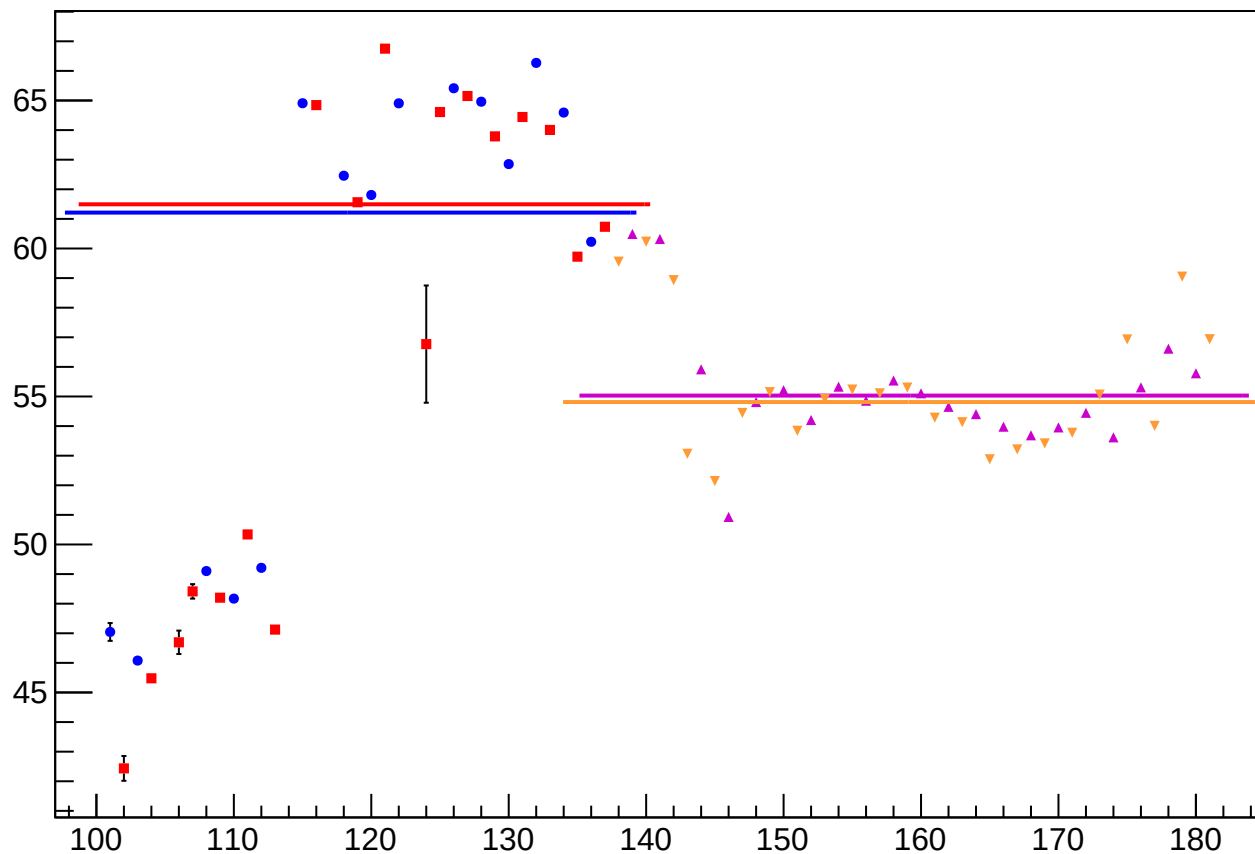
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.826 $\pm$ 0.001 χ^2 /NDF: 917040.6/35

Out: -51.257 $\pm$ 0.001 χ^2 /NDF: 3894208.5/40

All: -50.832 $\pm$ 0.001 χ^2 /NDF: 5630054.3/76

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.812 ± 0.003 χ^2/NDF : 268720.9/22

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.030 ± 0.003 χ^2/NDF : 82538.8/20

Left: 54.932 ± 0.002 χ^2/NDF : 353862.8/43

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.507 ± 0.003 χ^2/NDF : 597105.0/35

Out: 56.027 ± 0.003 χ^2/NDF : 1321545.0/40

All: 55.757 ± 0.002 χ^2/NDF : 1935744.8/76

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

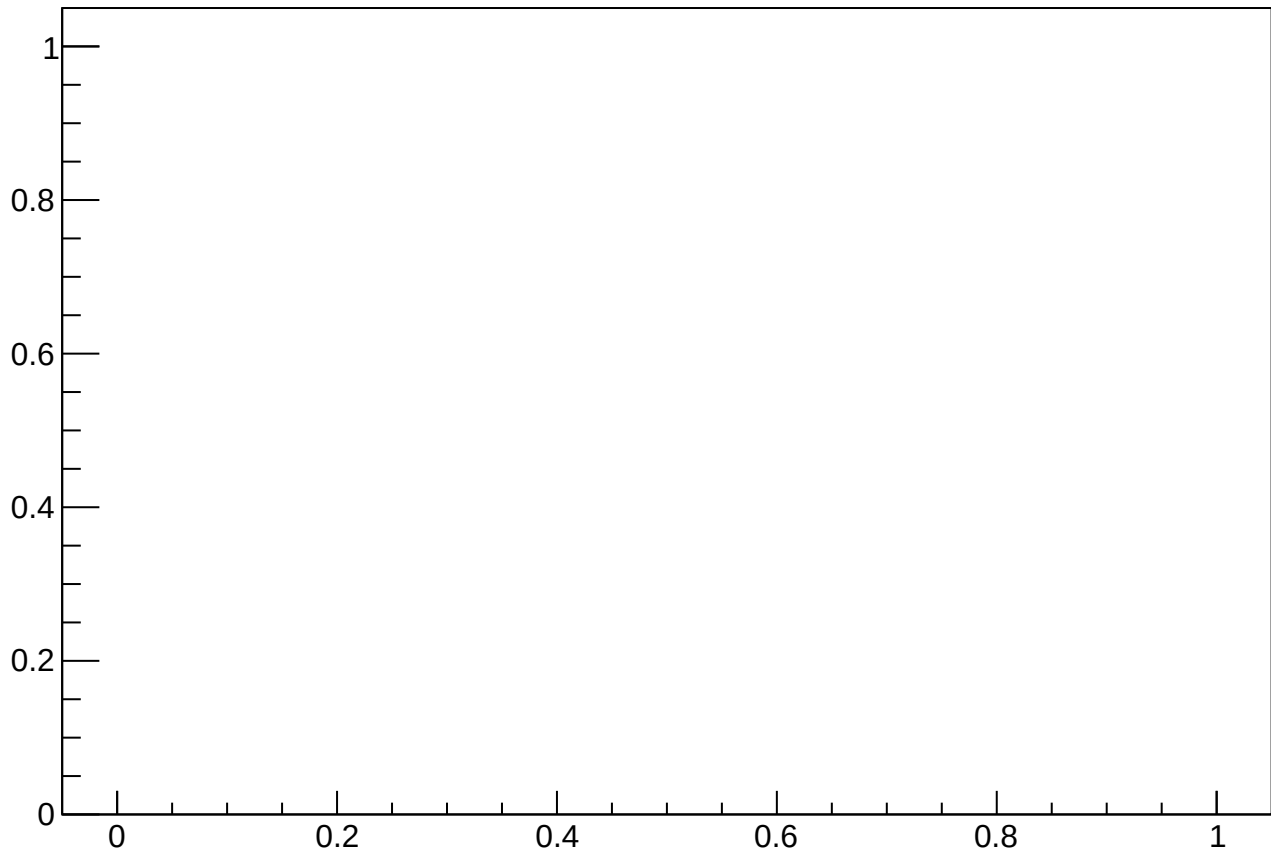
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

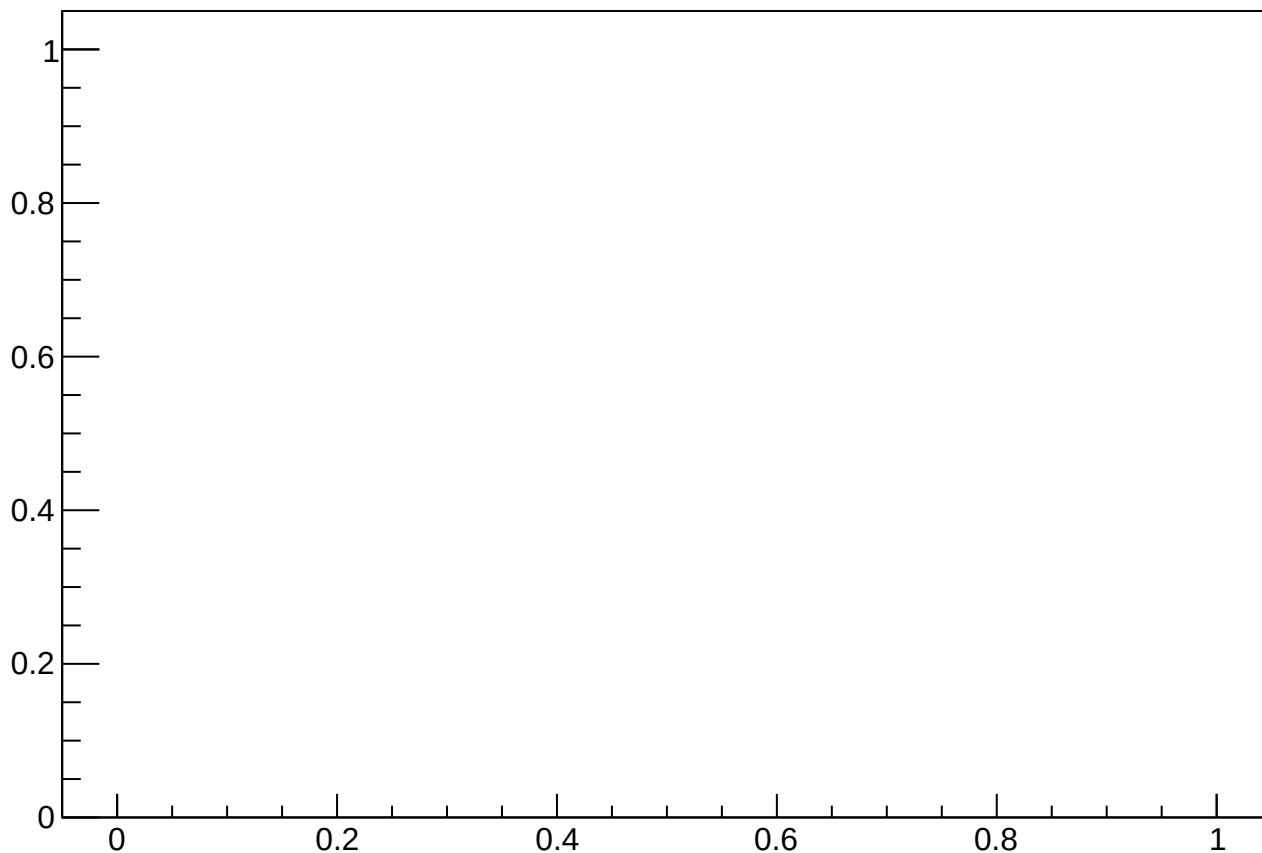
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

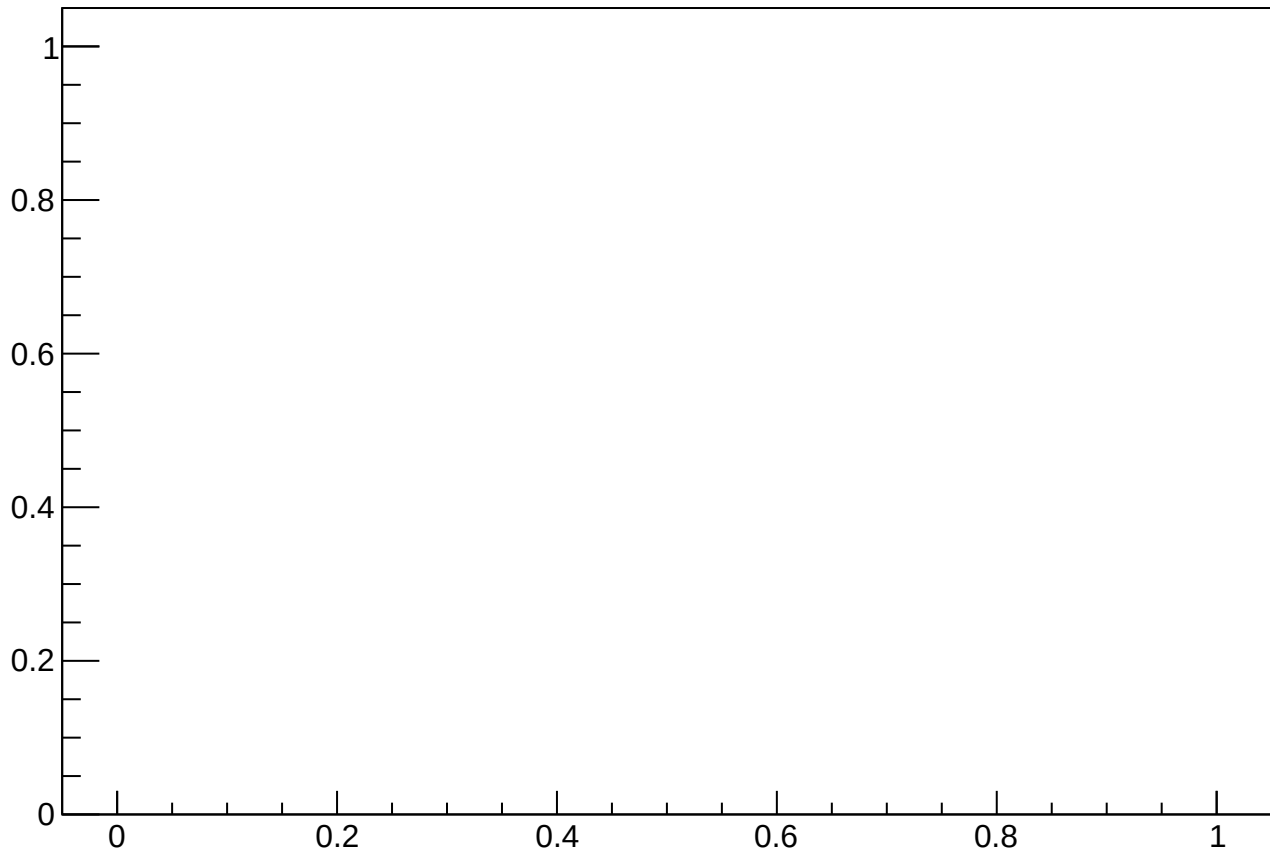
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

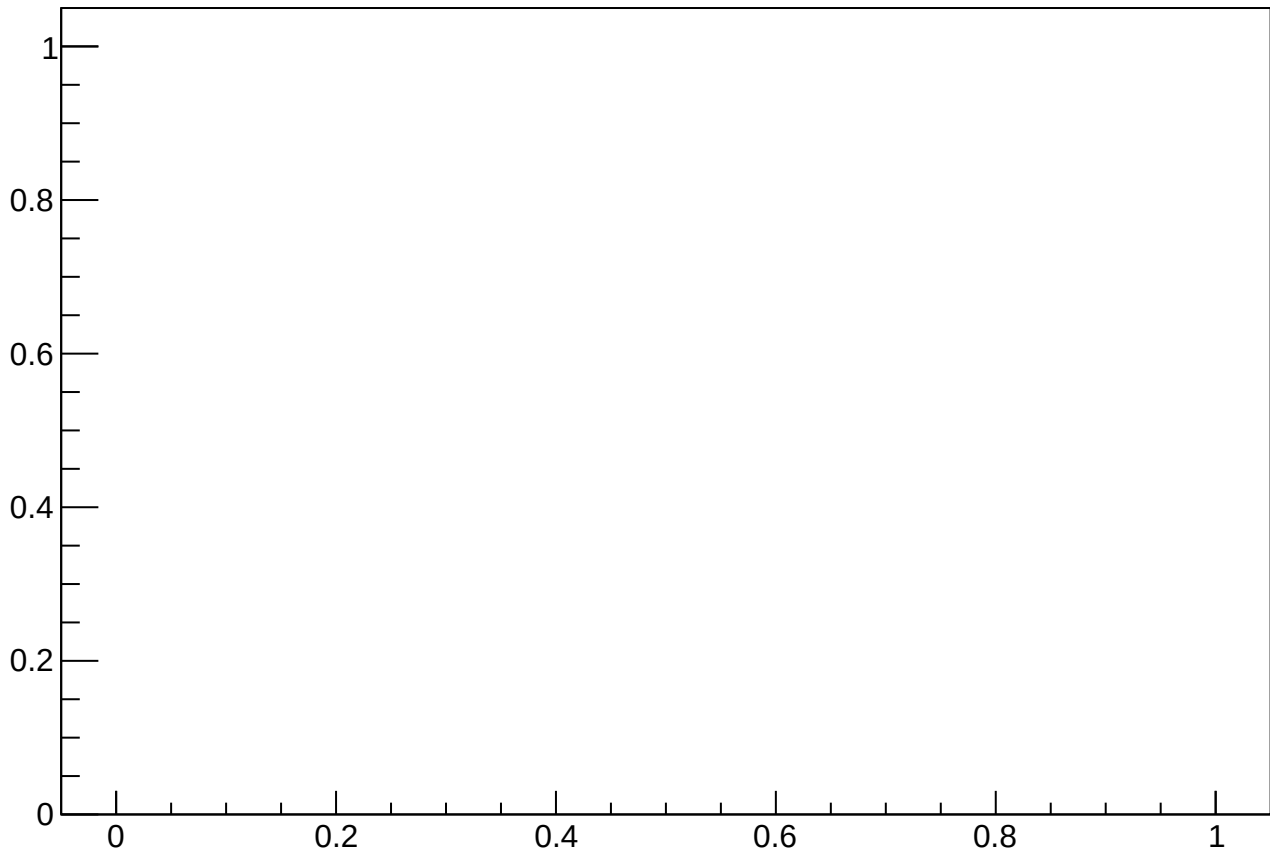
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

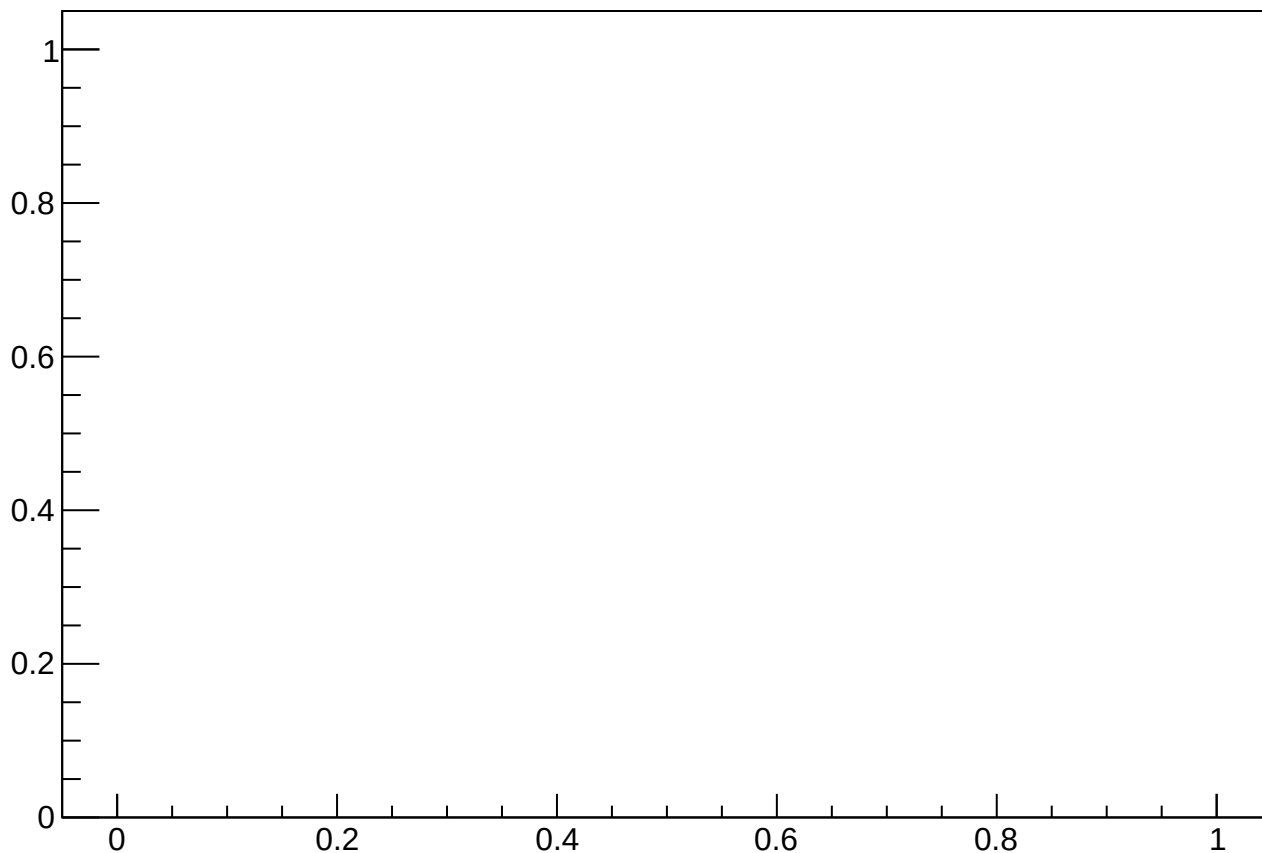
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

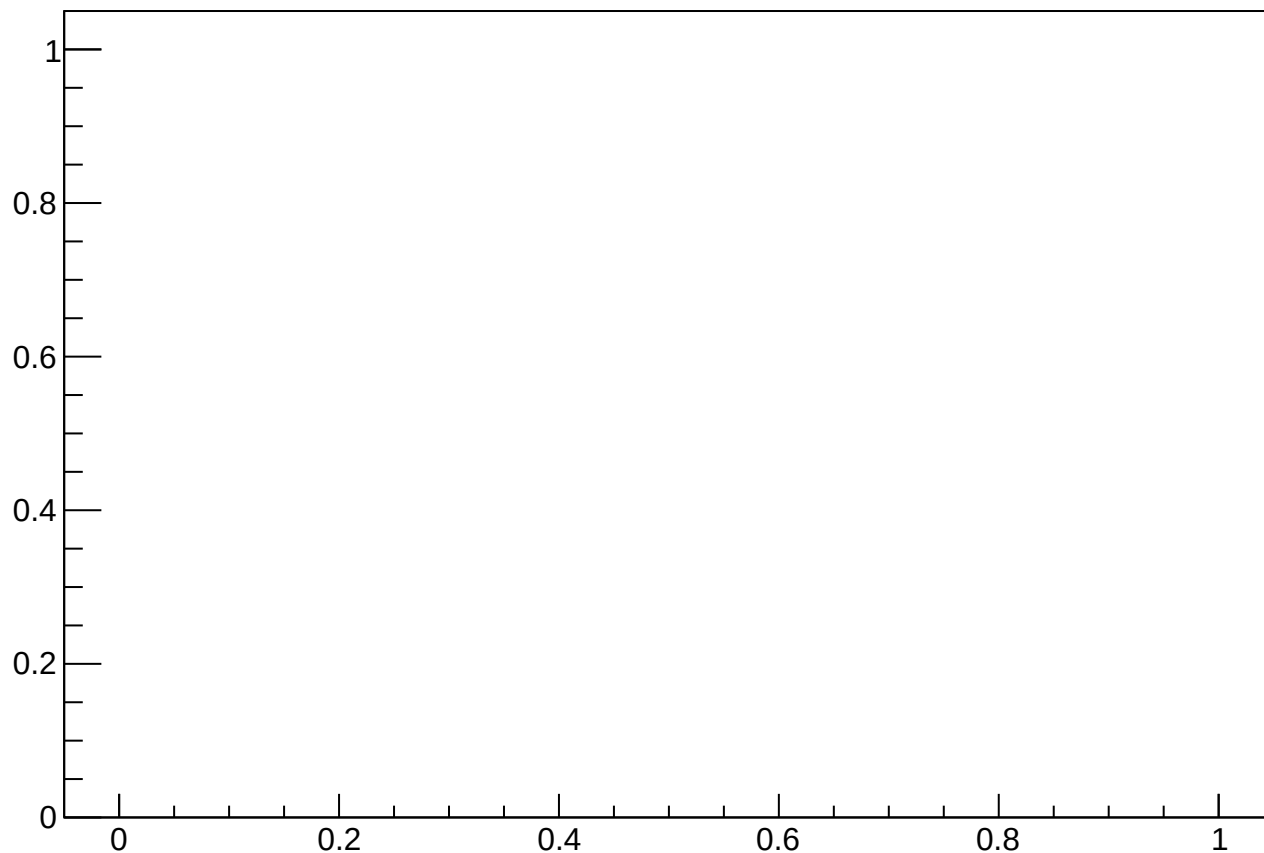
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

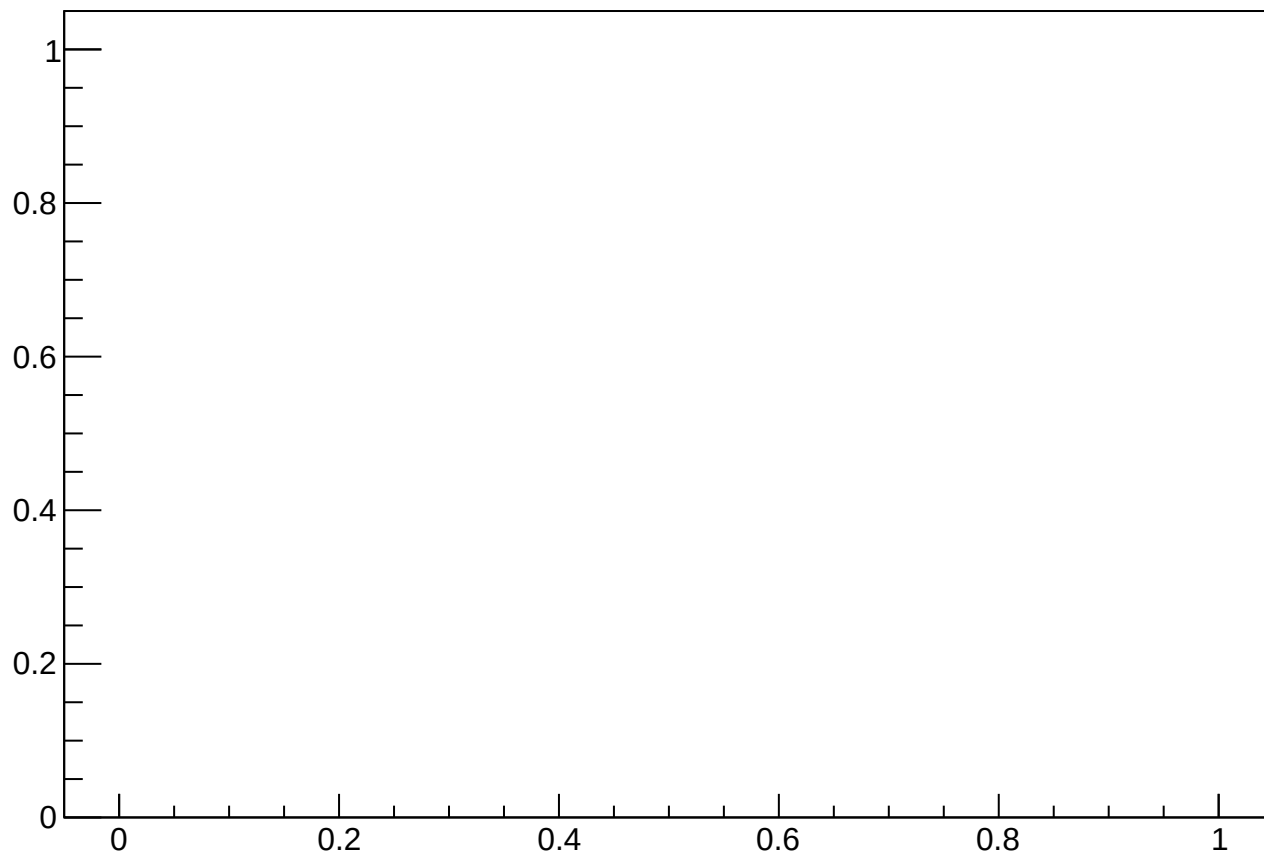
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

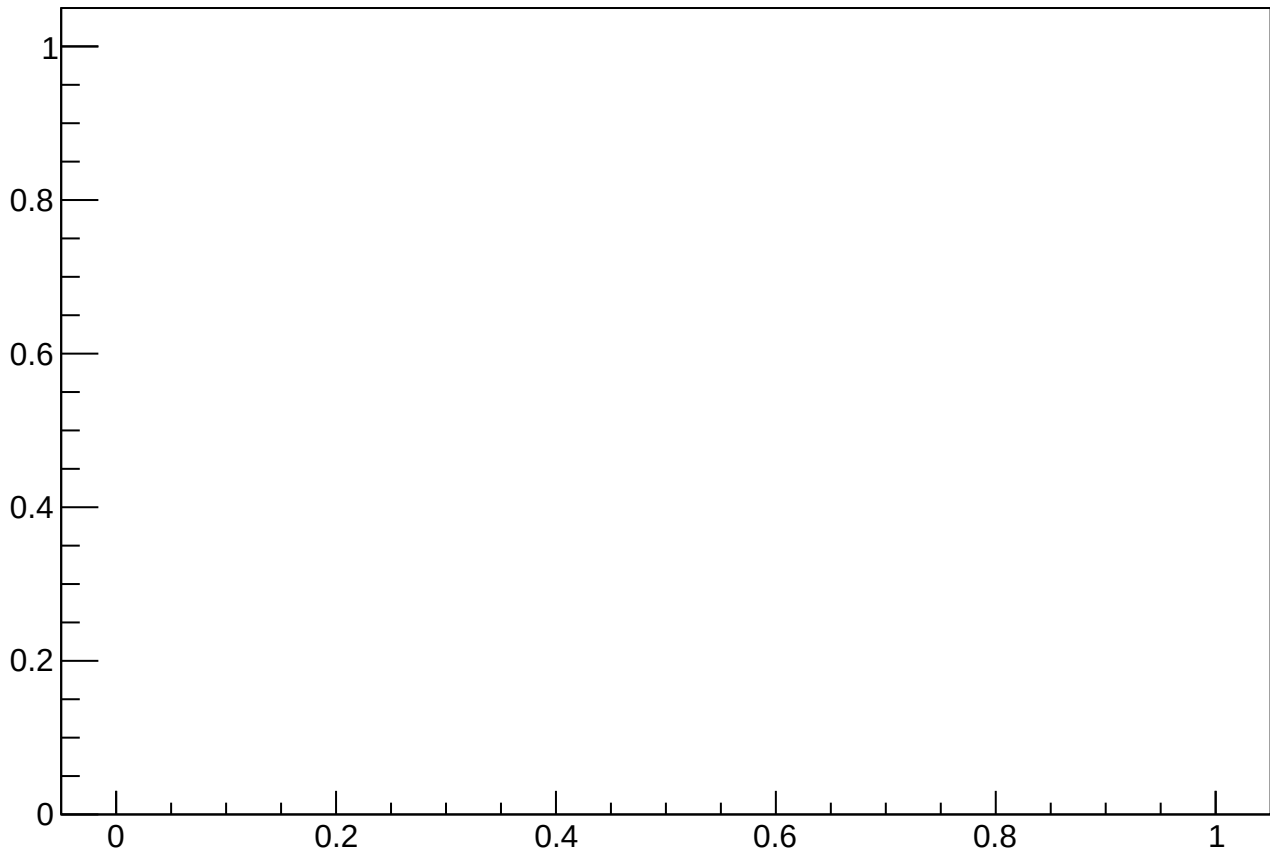
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

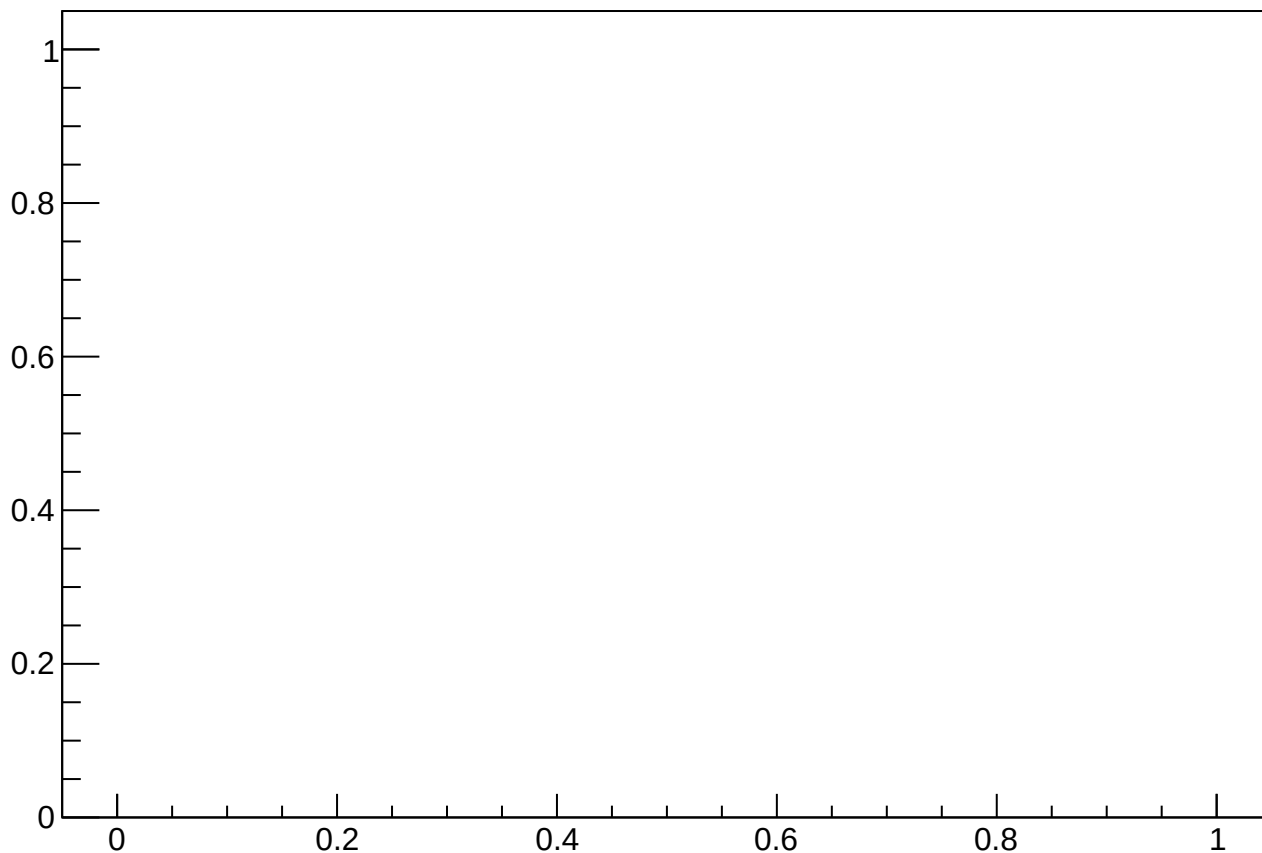
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

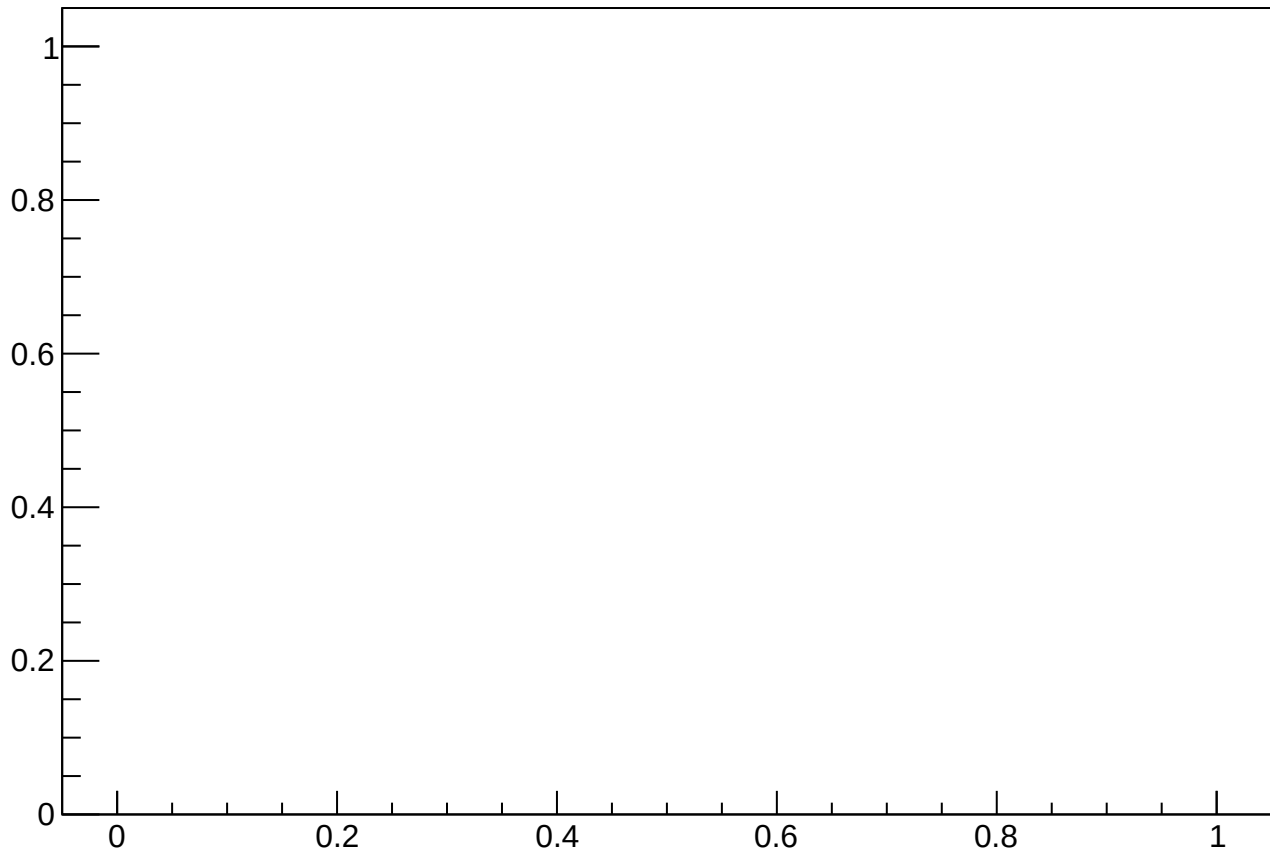
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

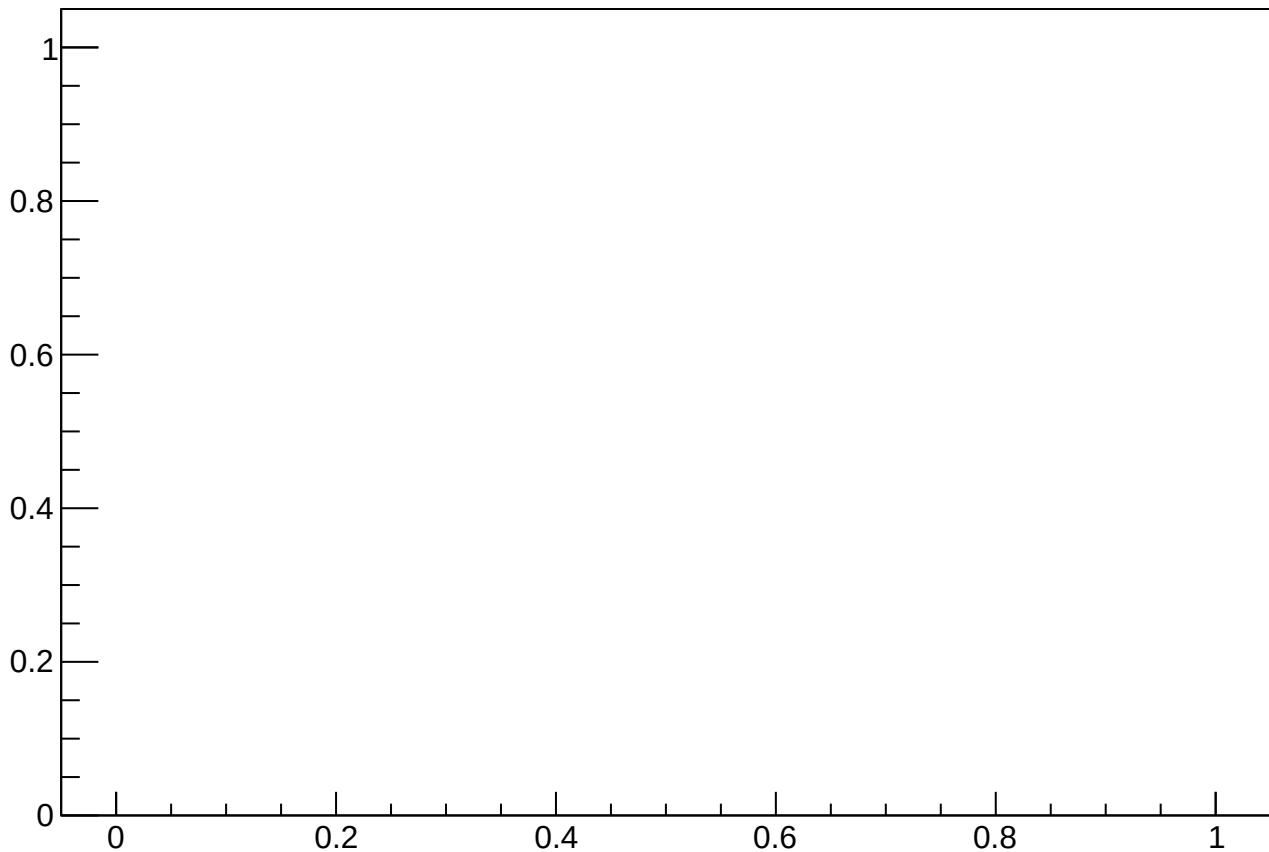
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

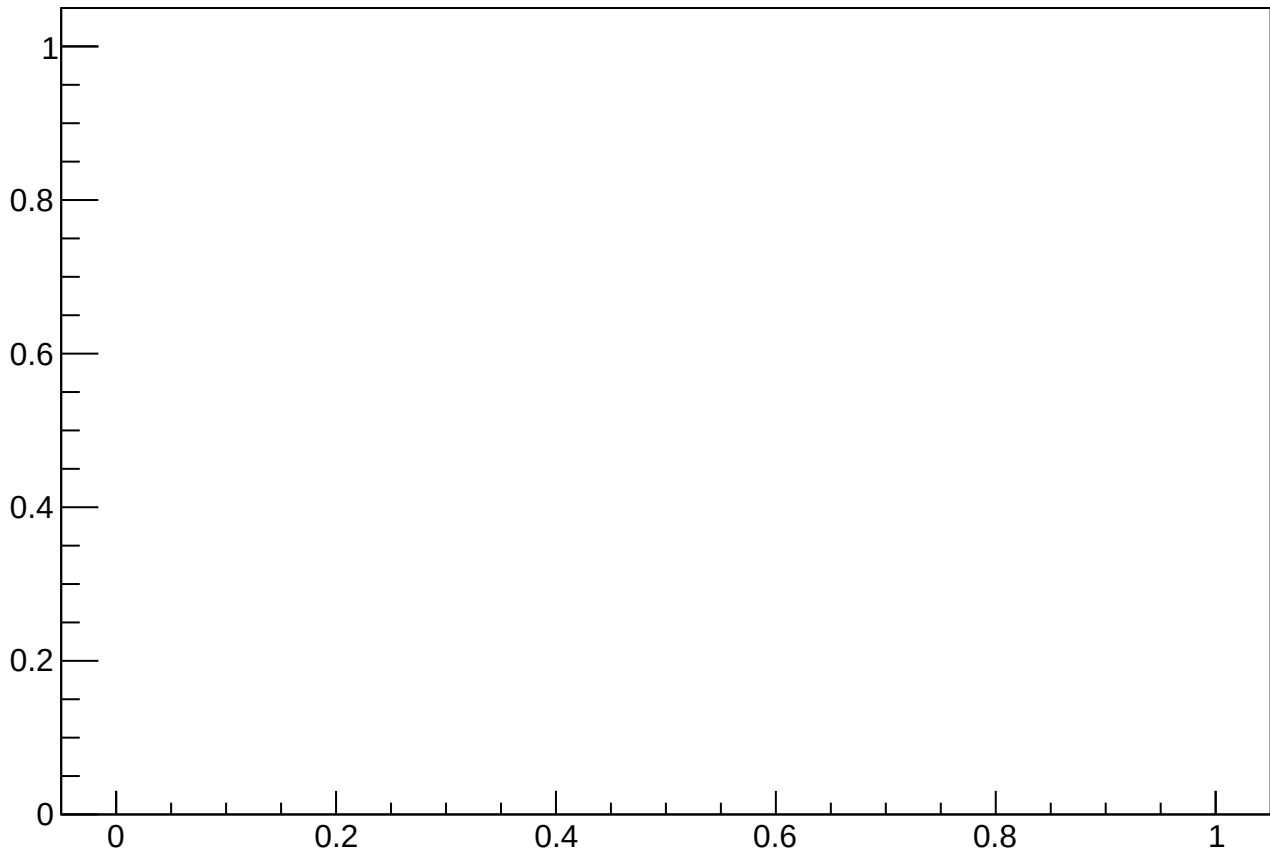
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

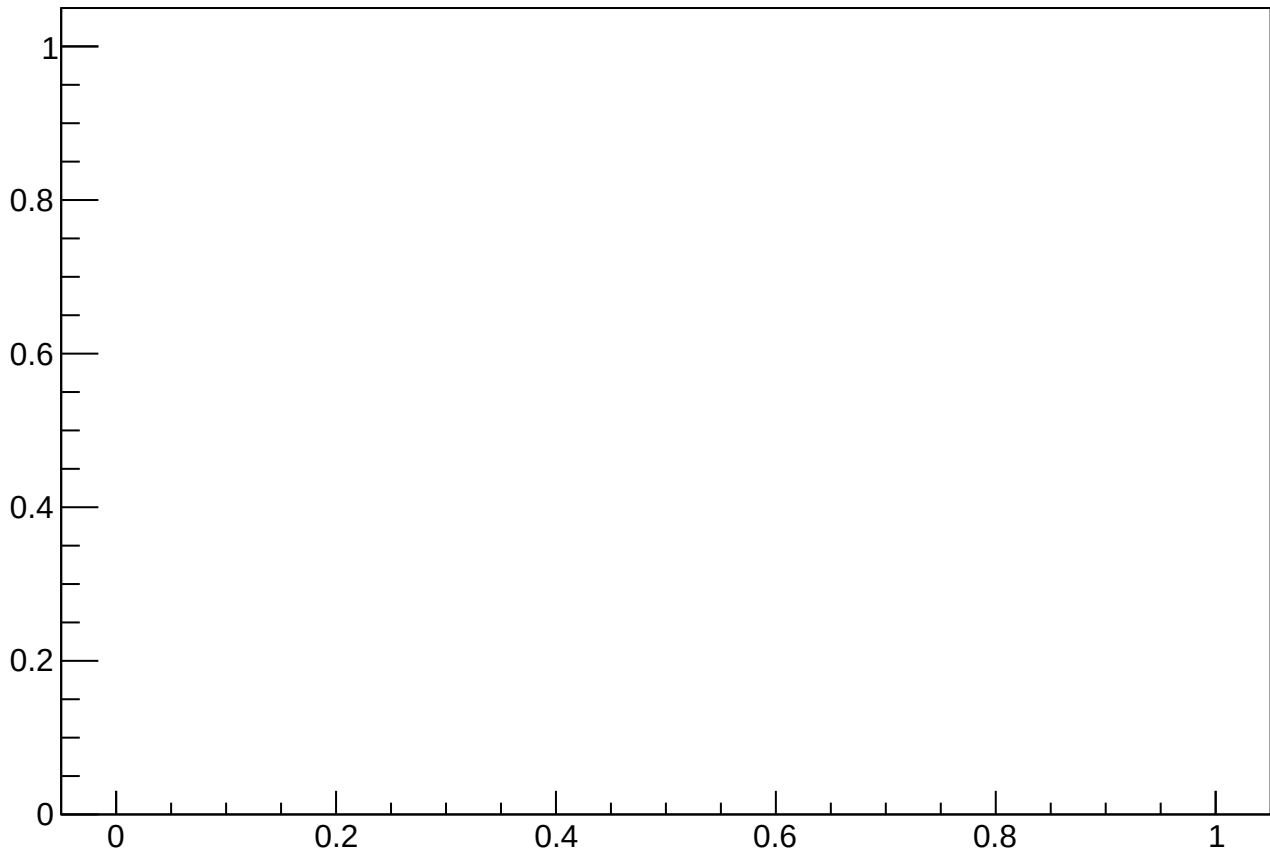
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

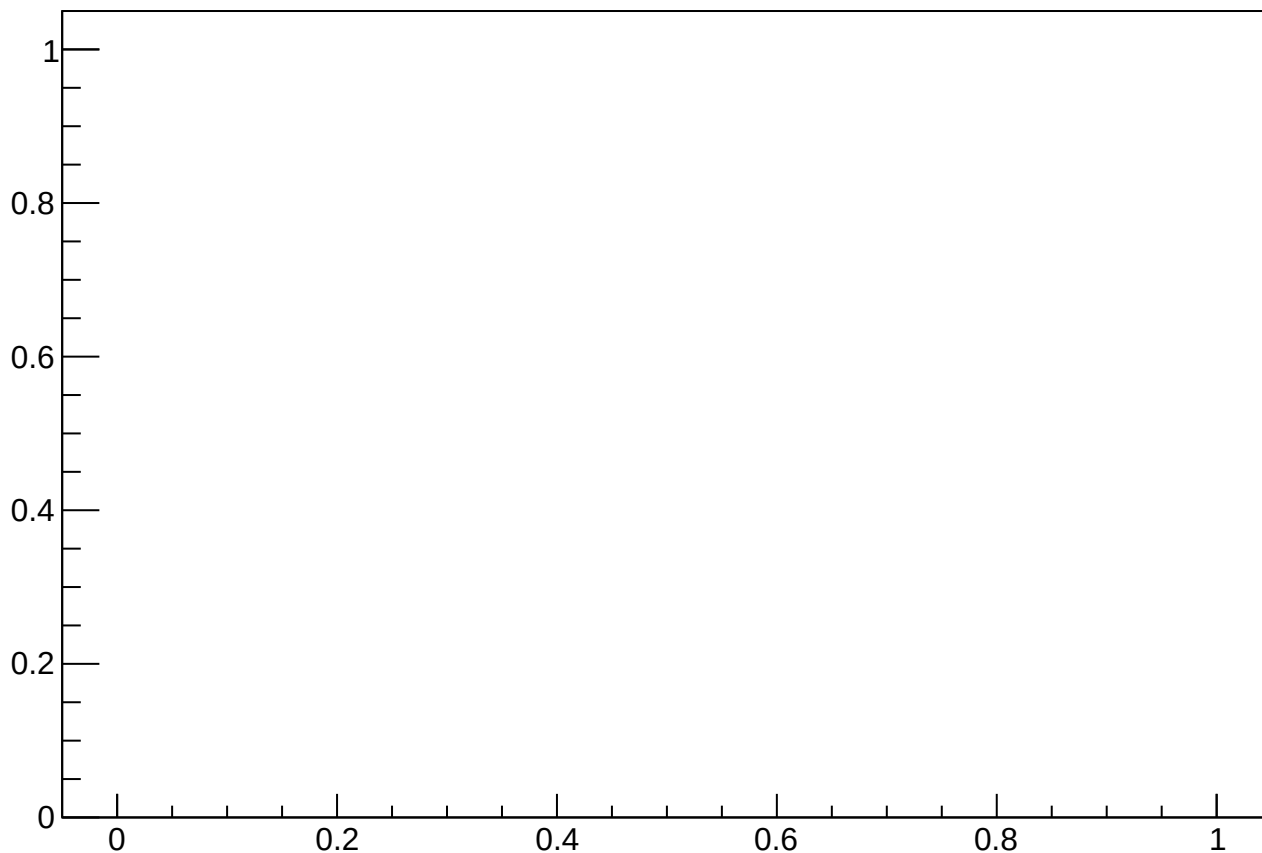
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

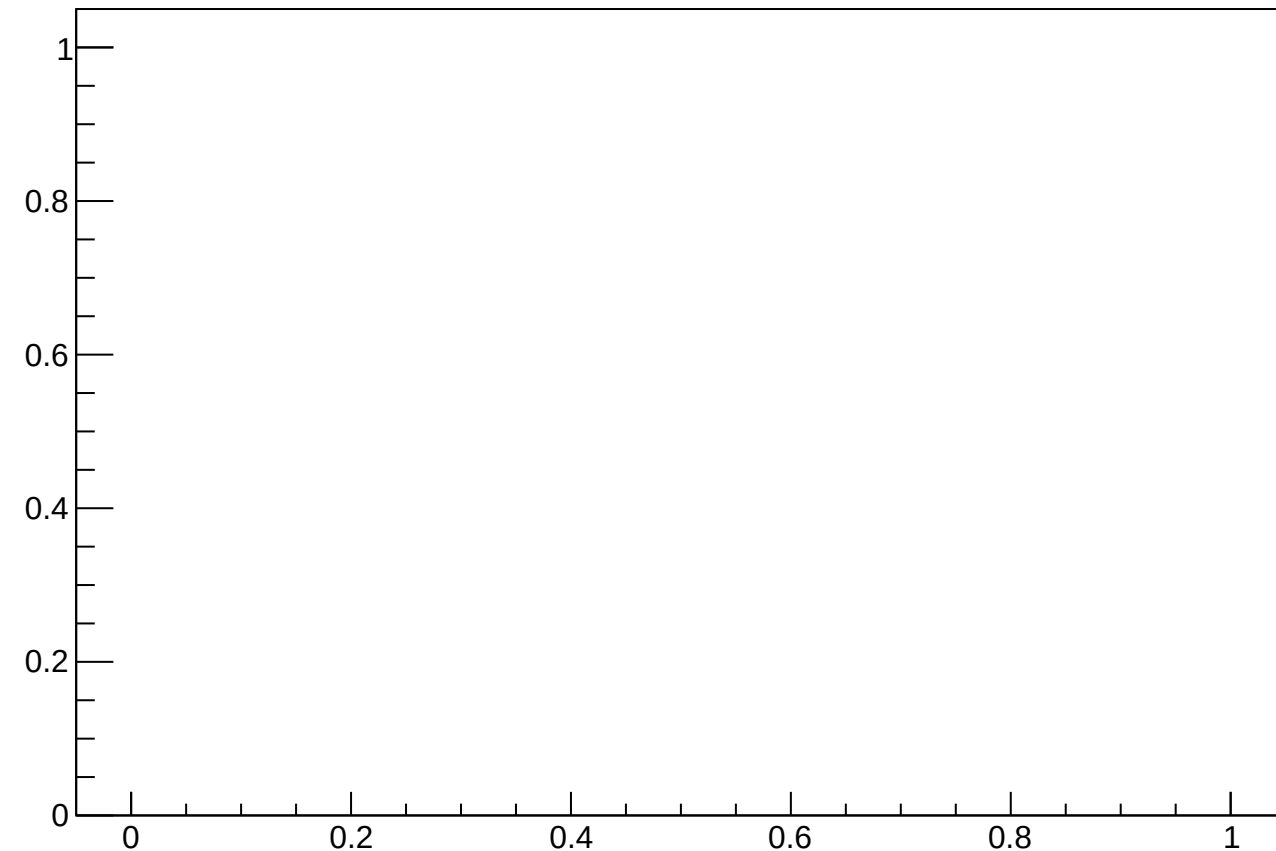
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

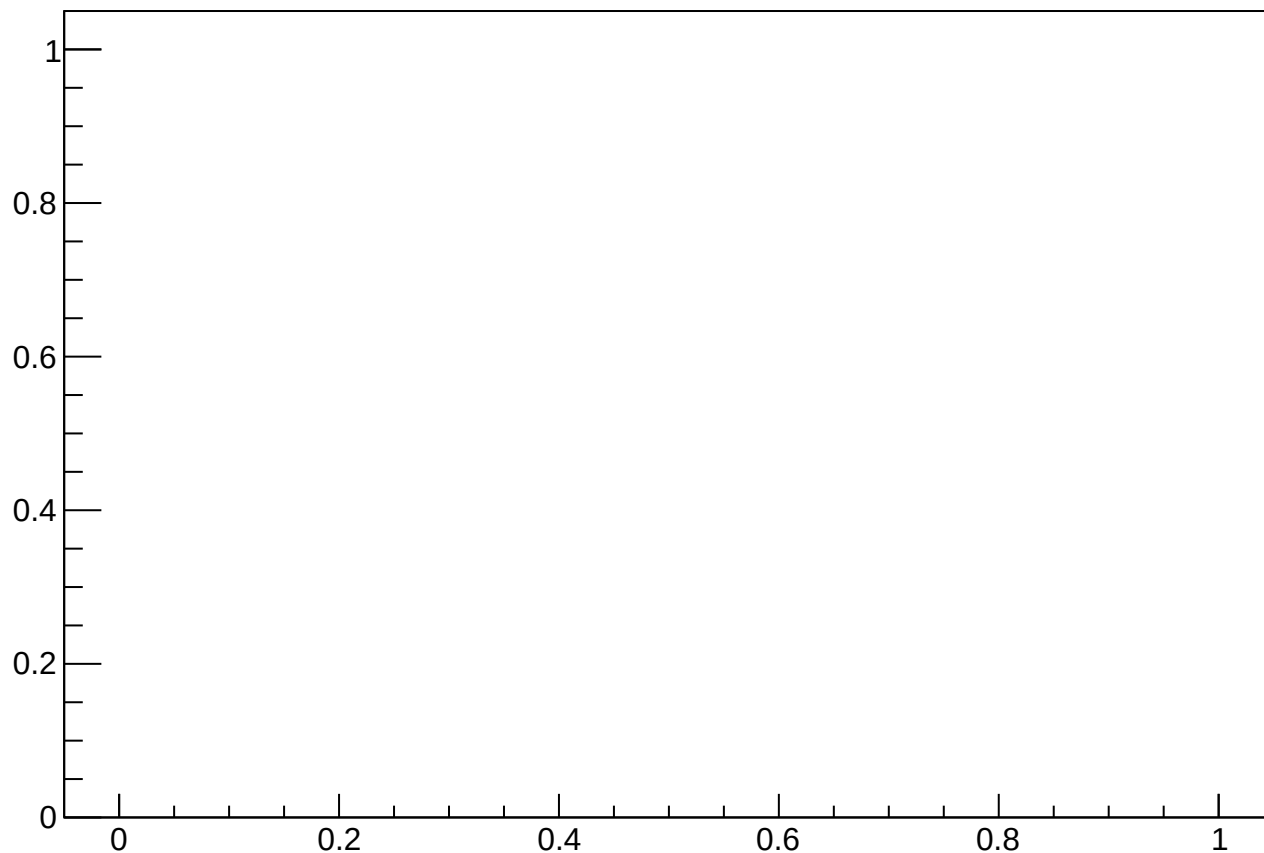
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

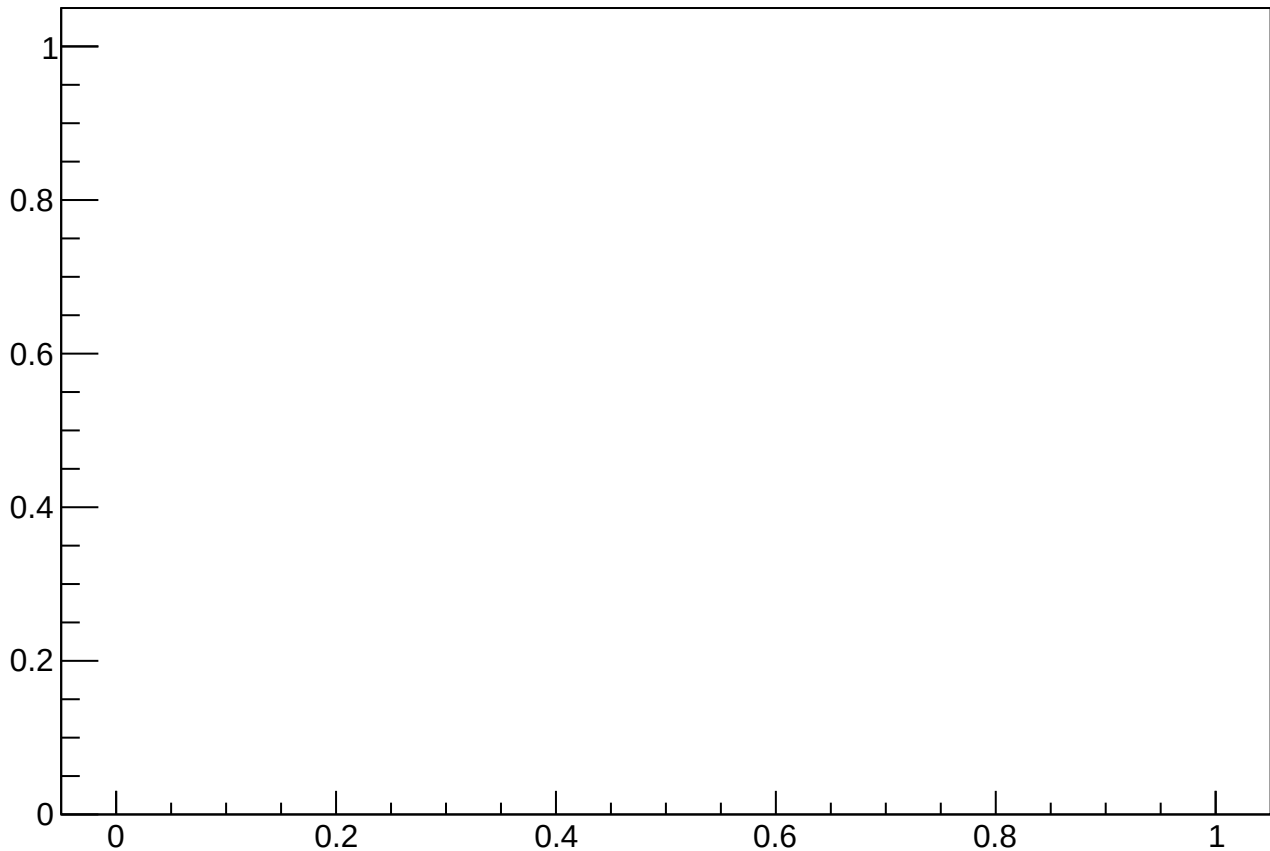
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

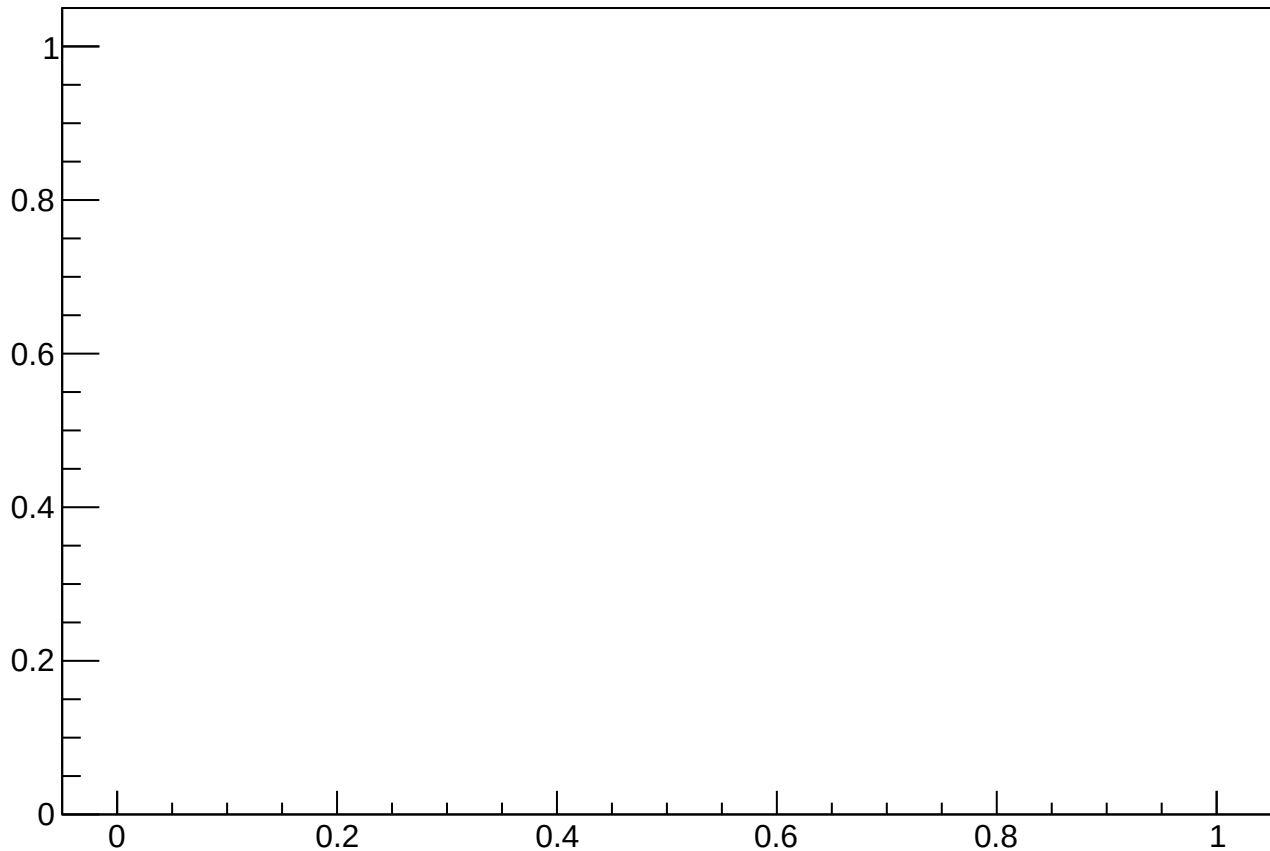
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

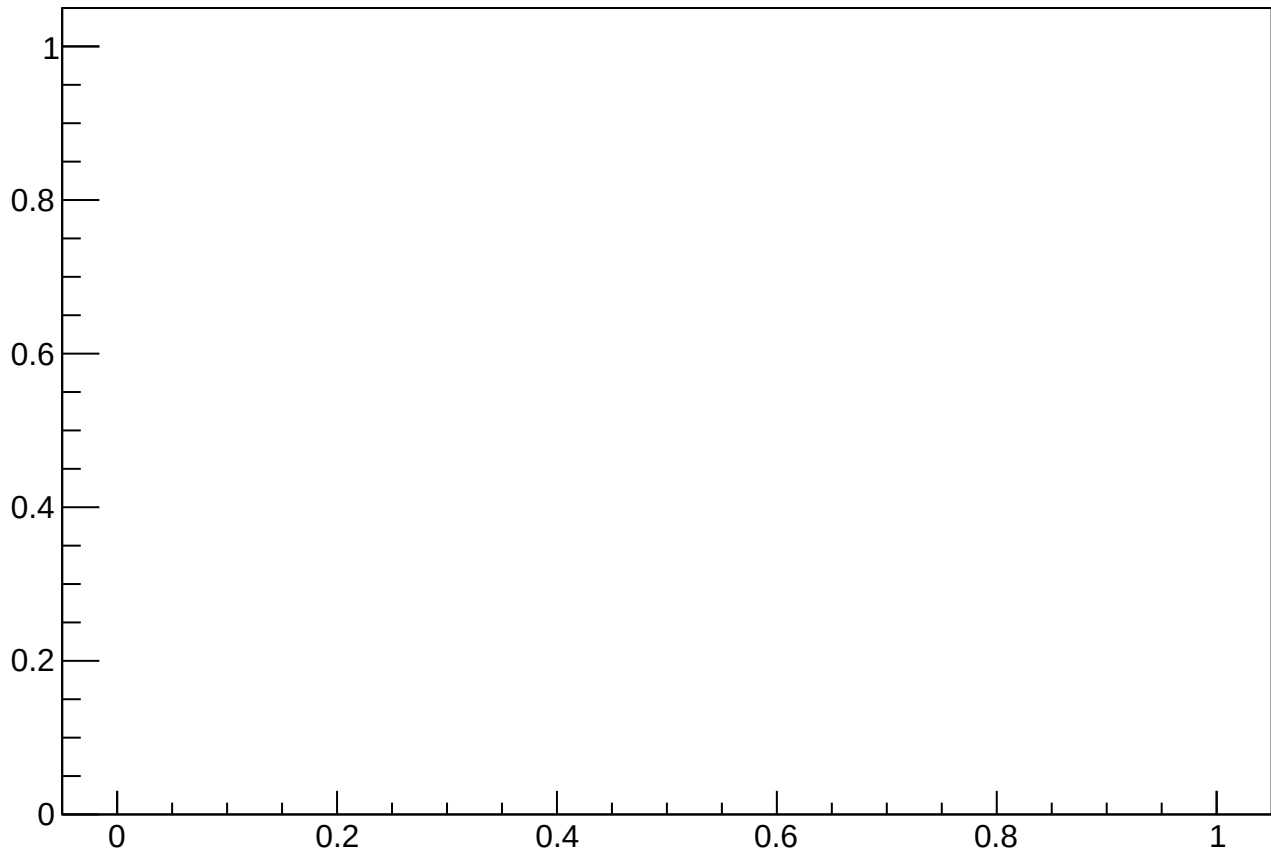
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

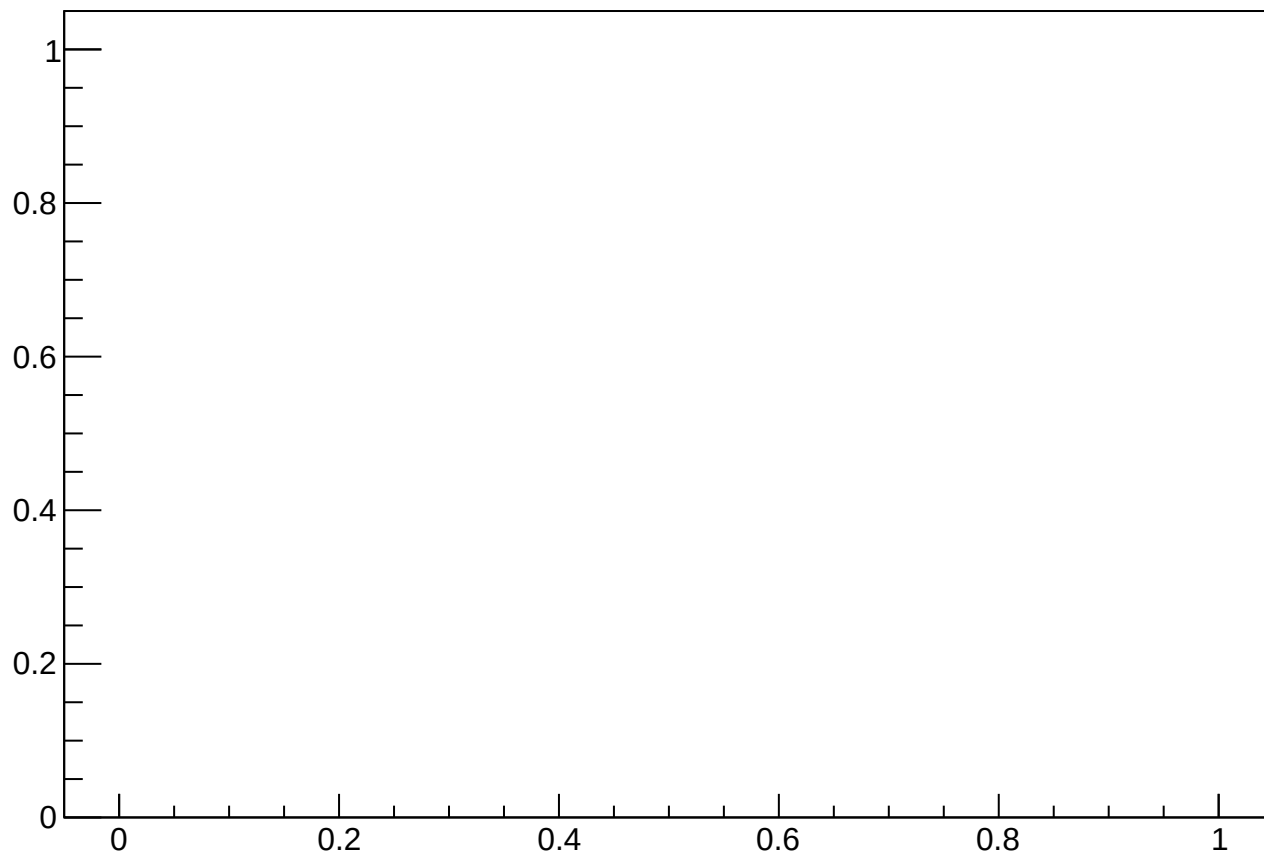
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

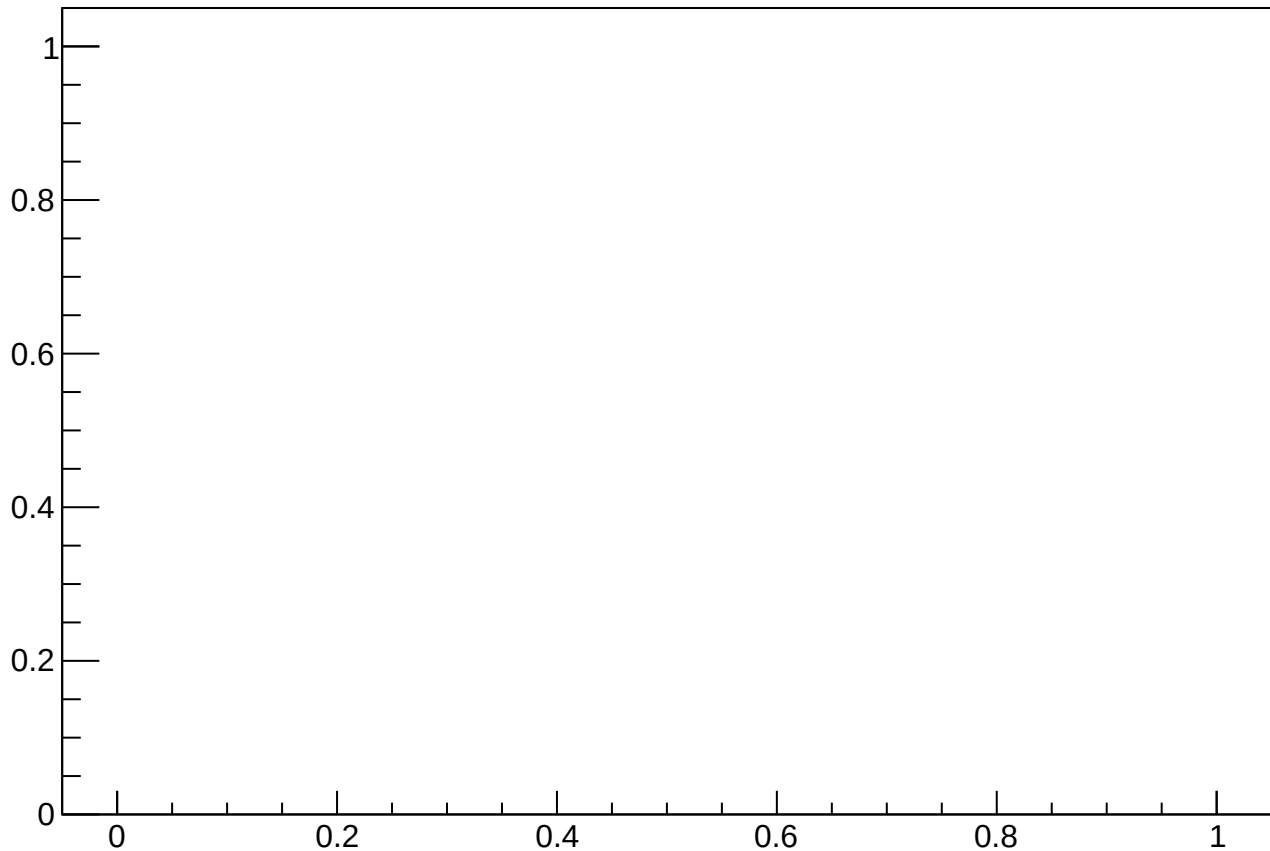
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

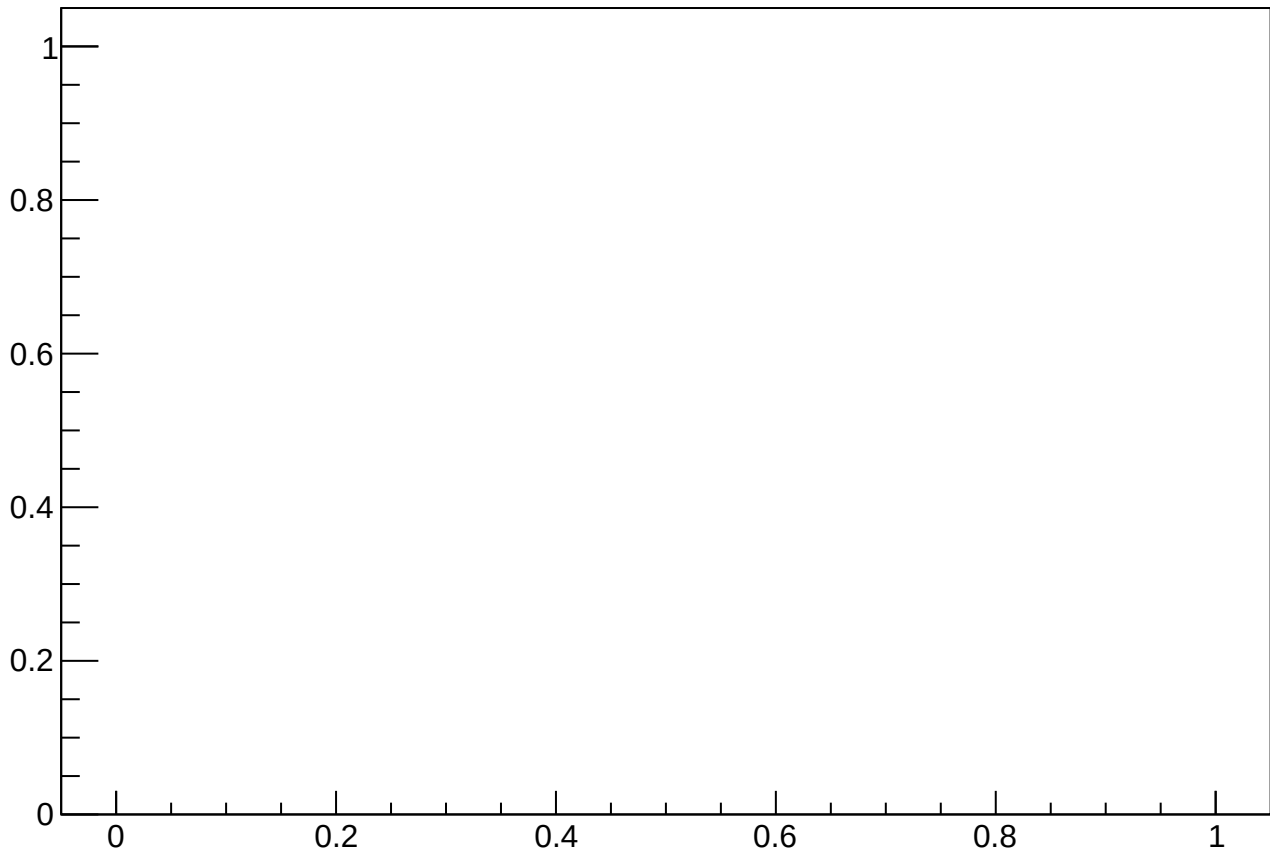
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

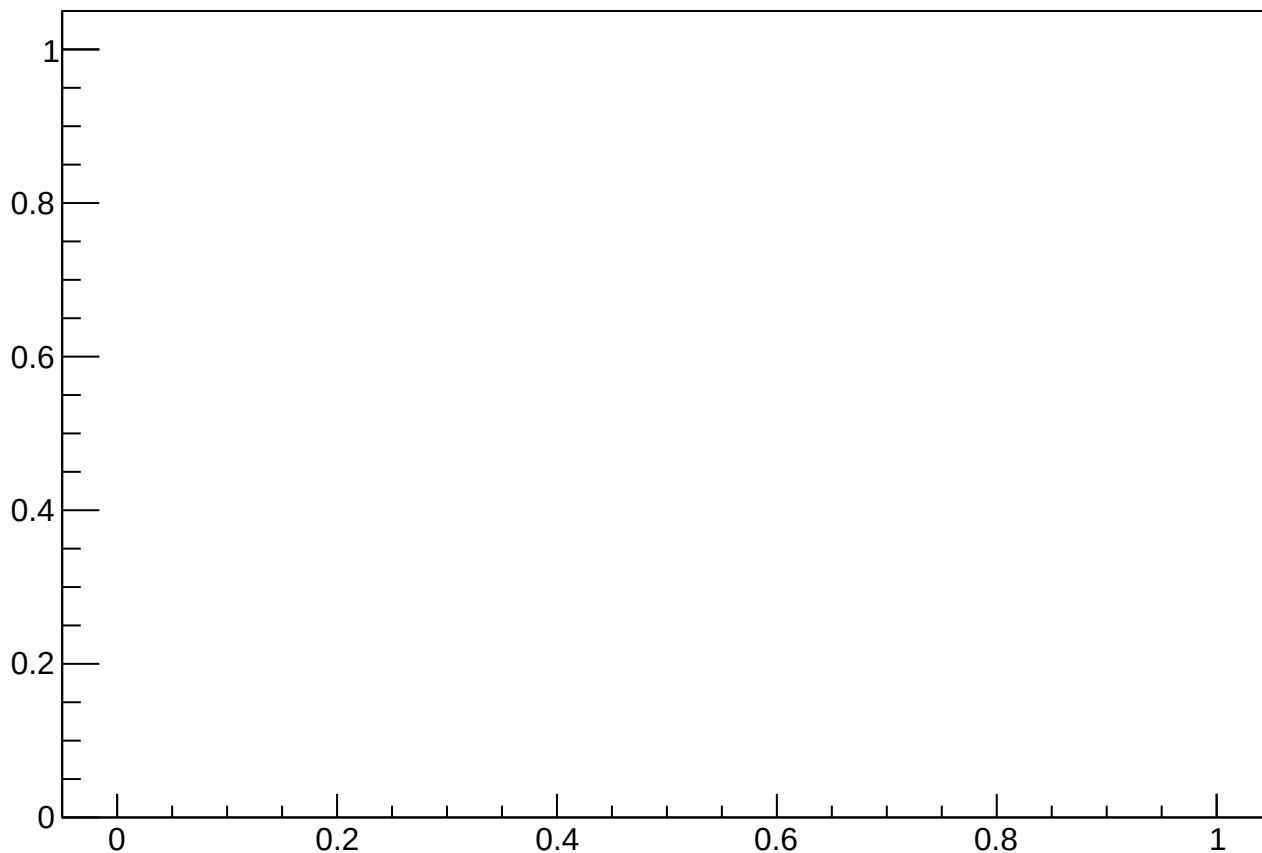
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

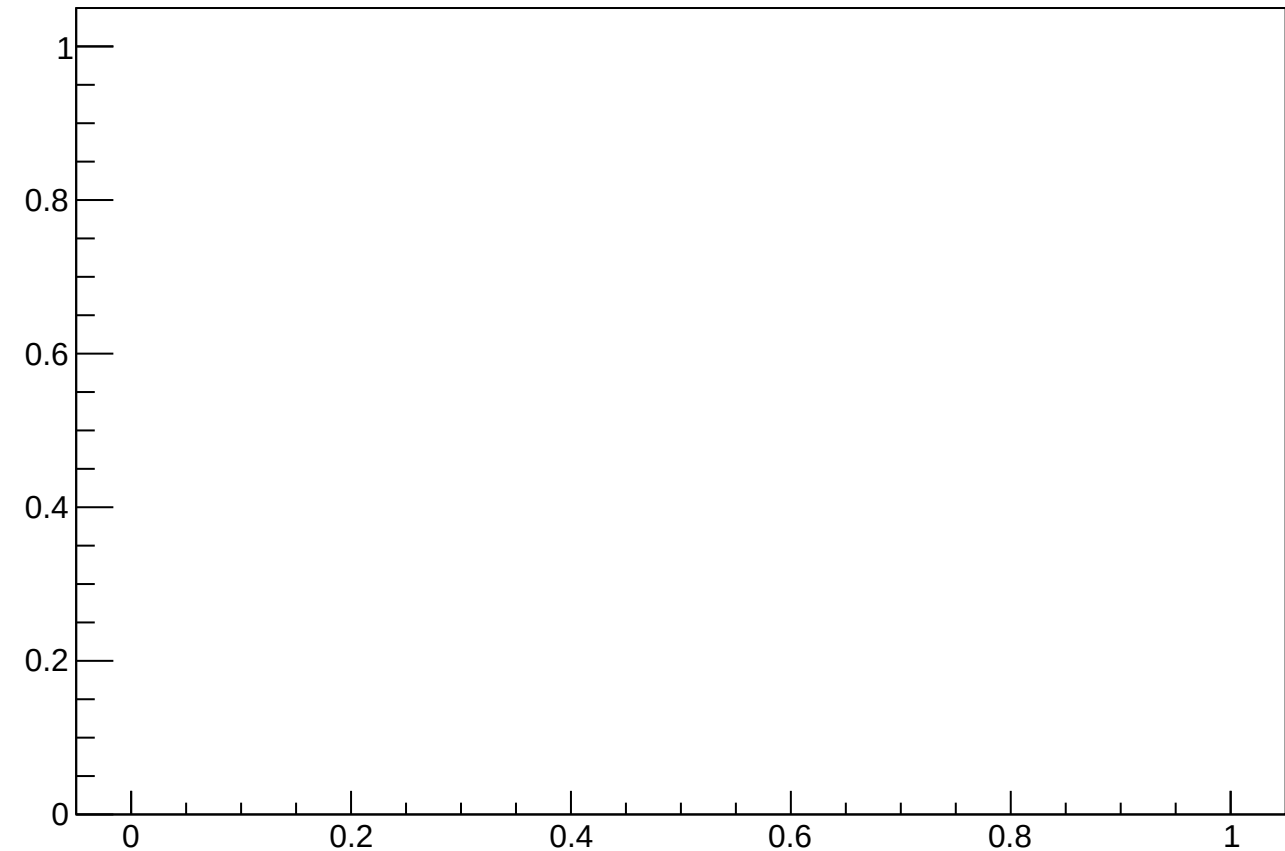
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

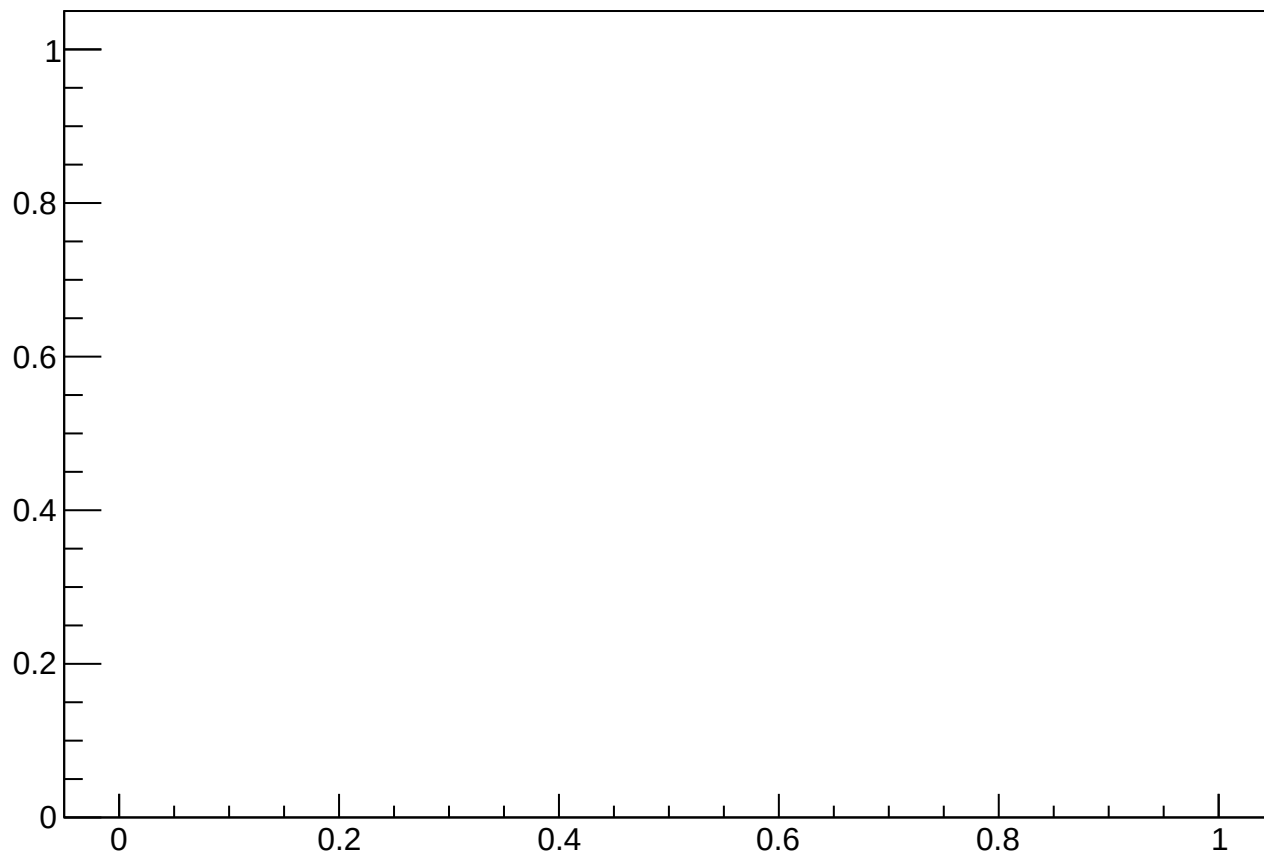
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

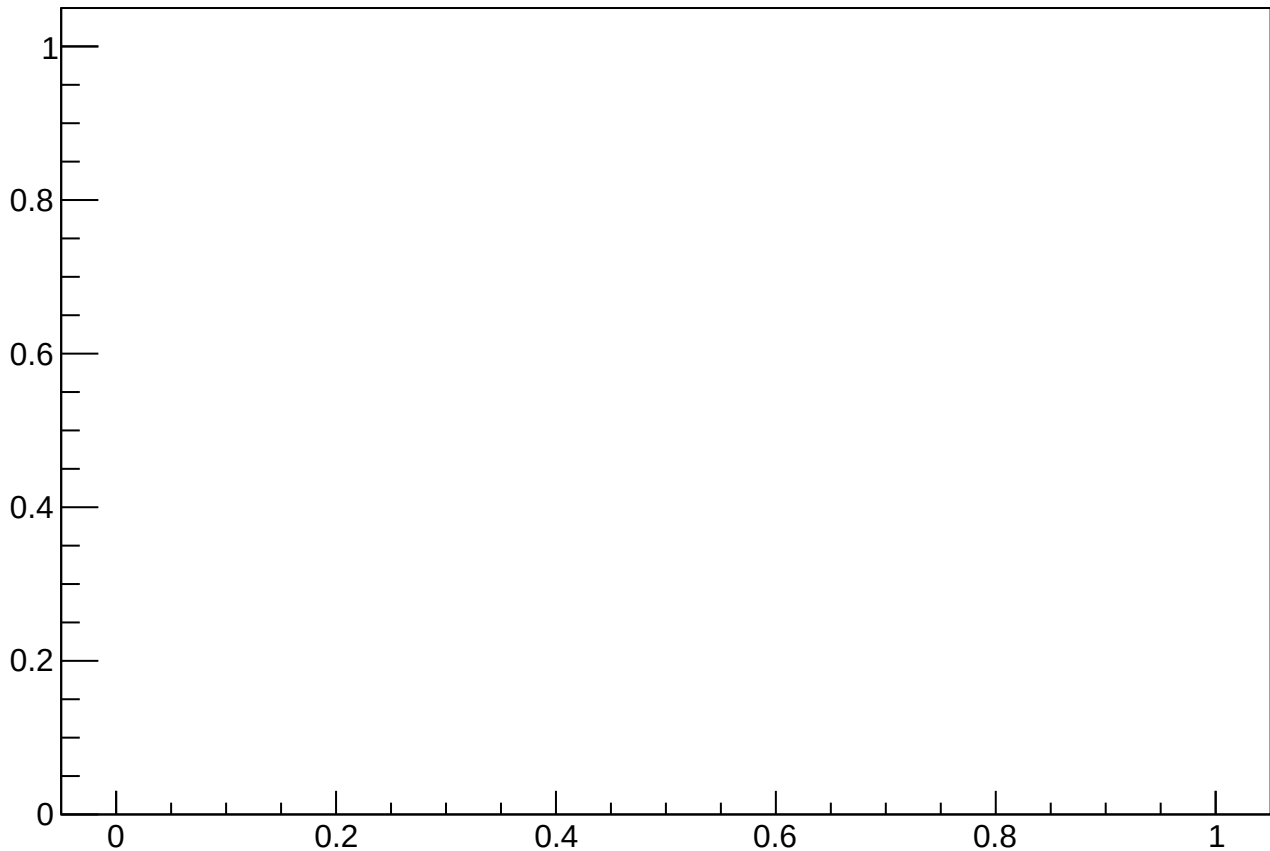
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

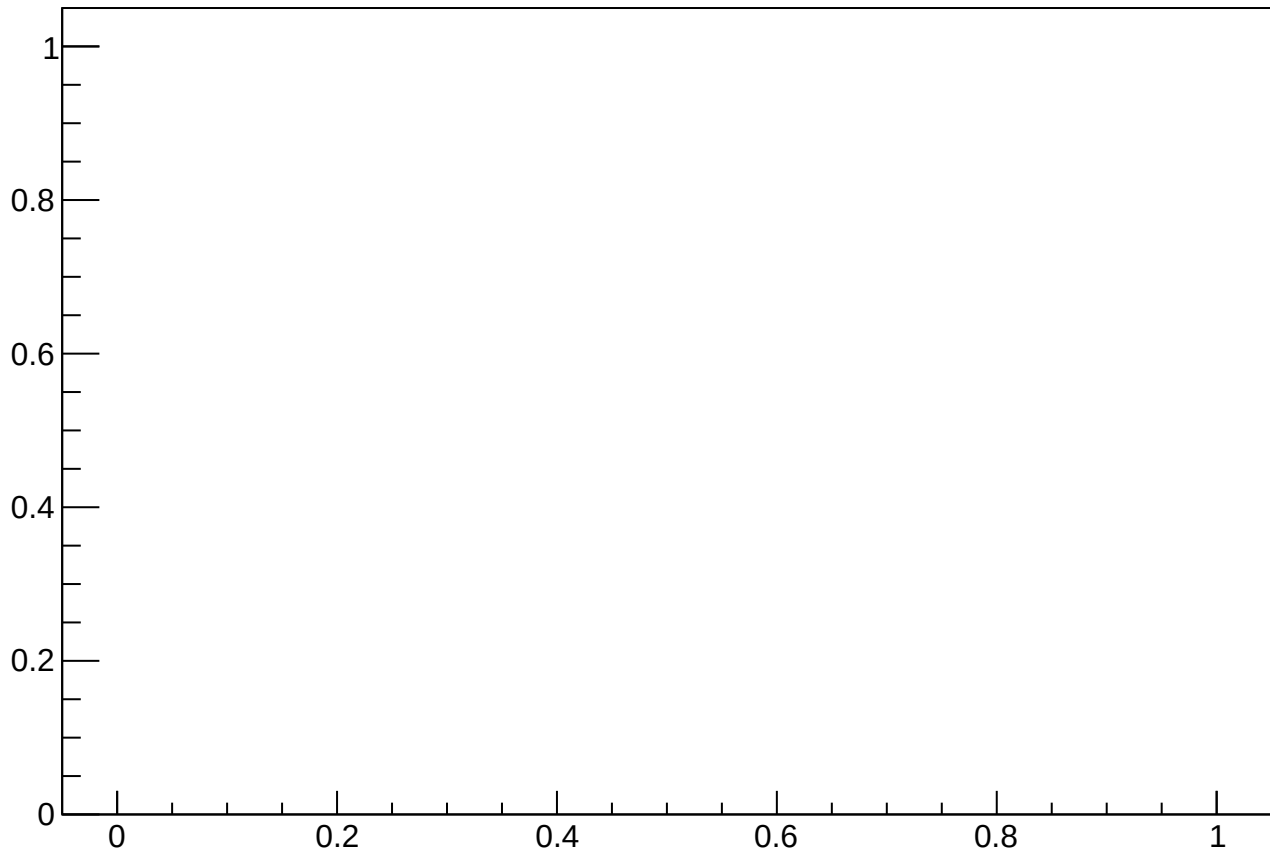
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

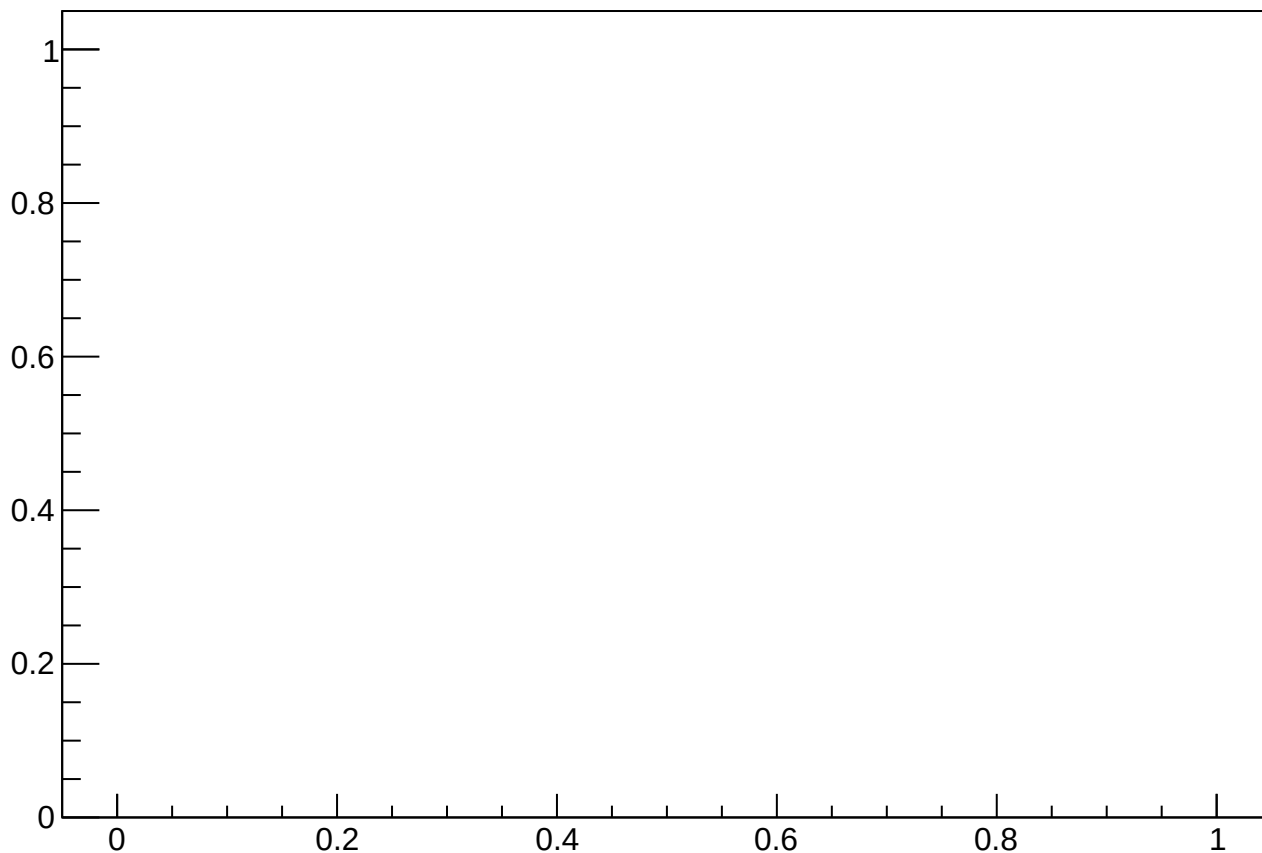
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

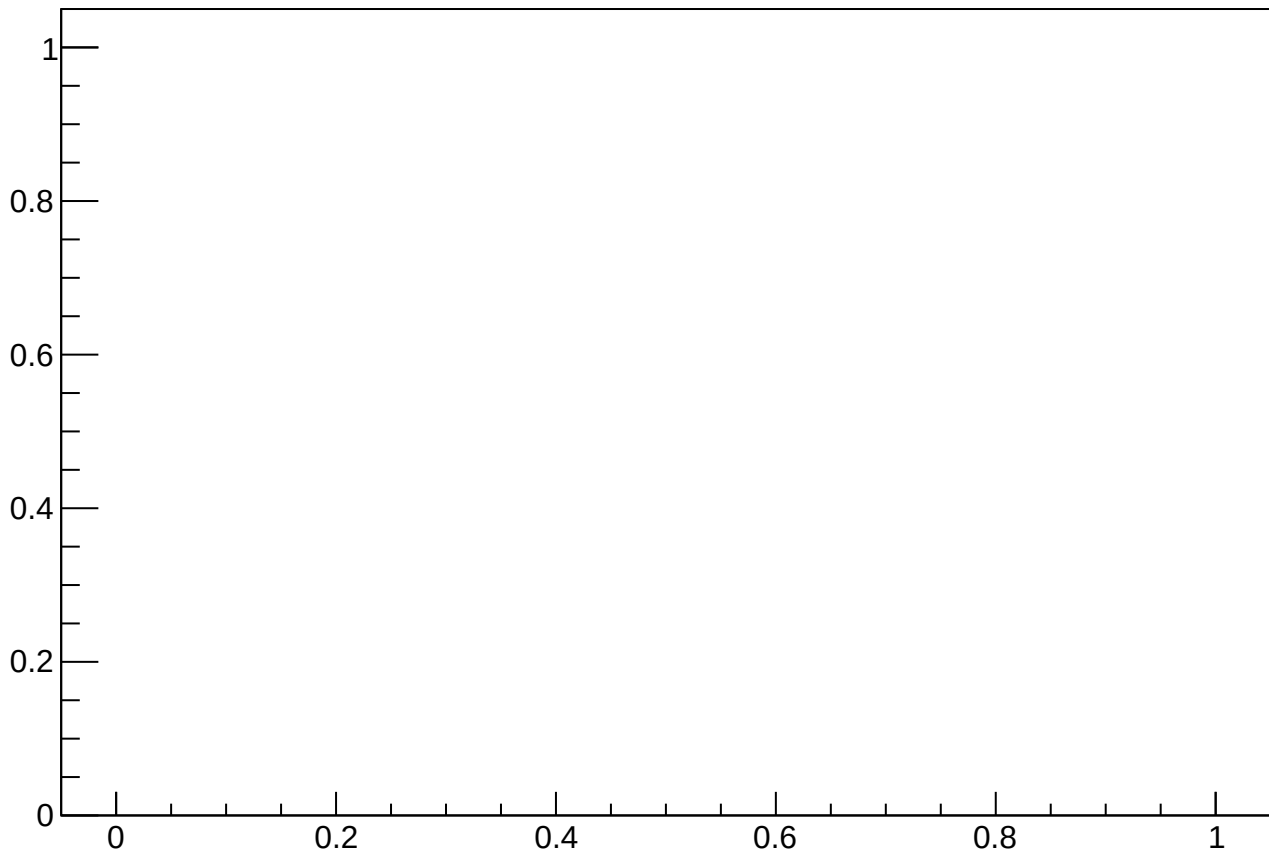
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

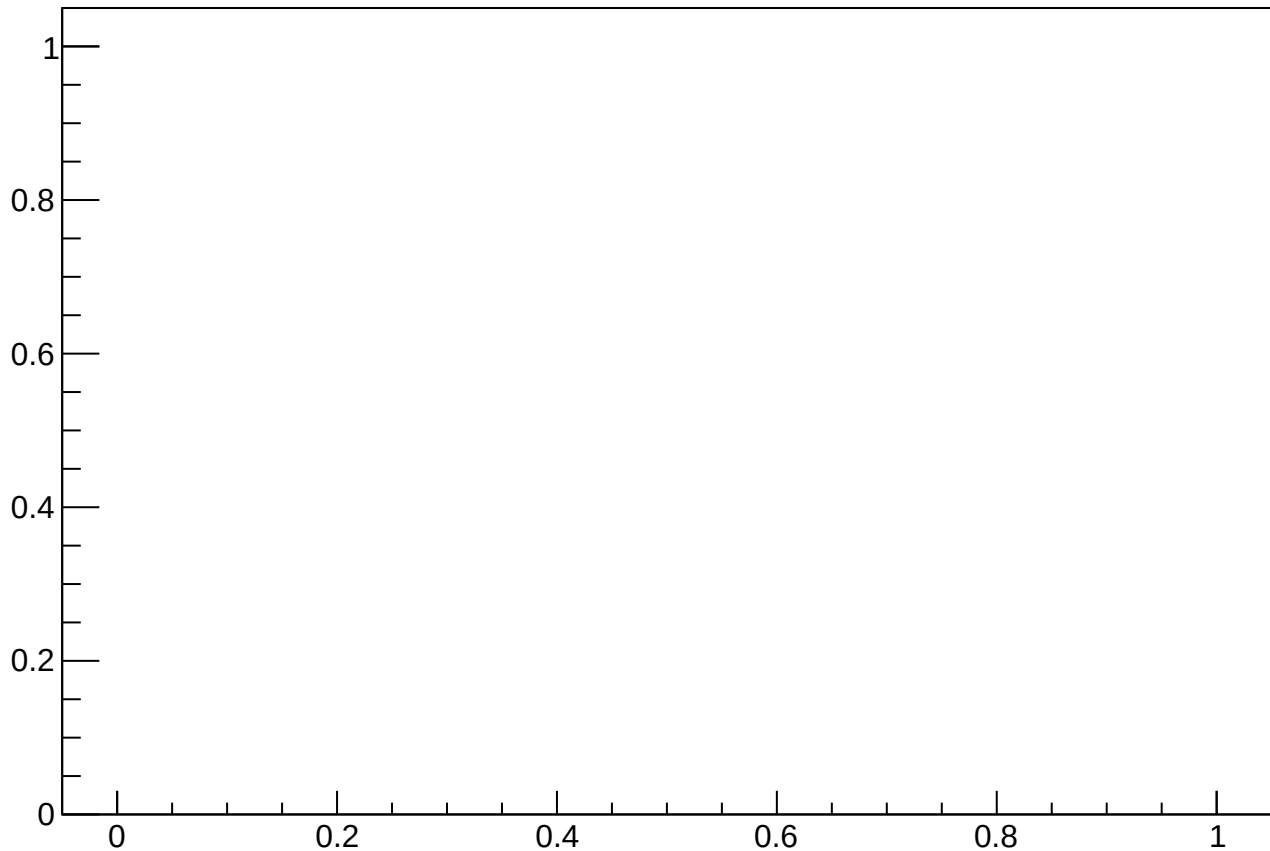
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

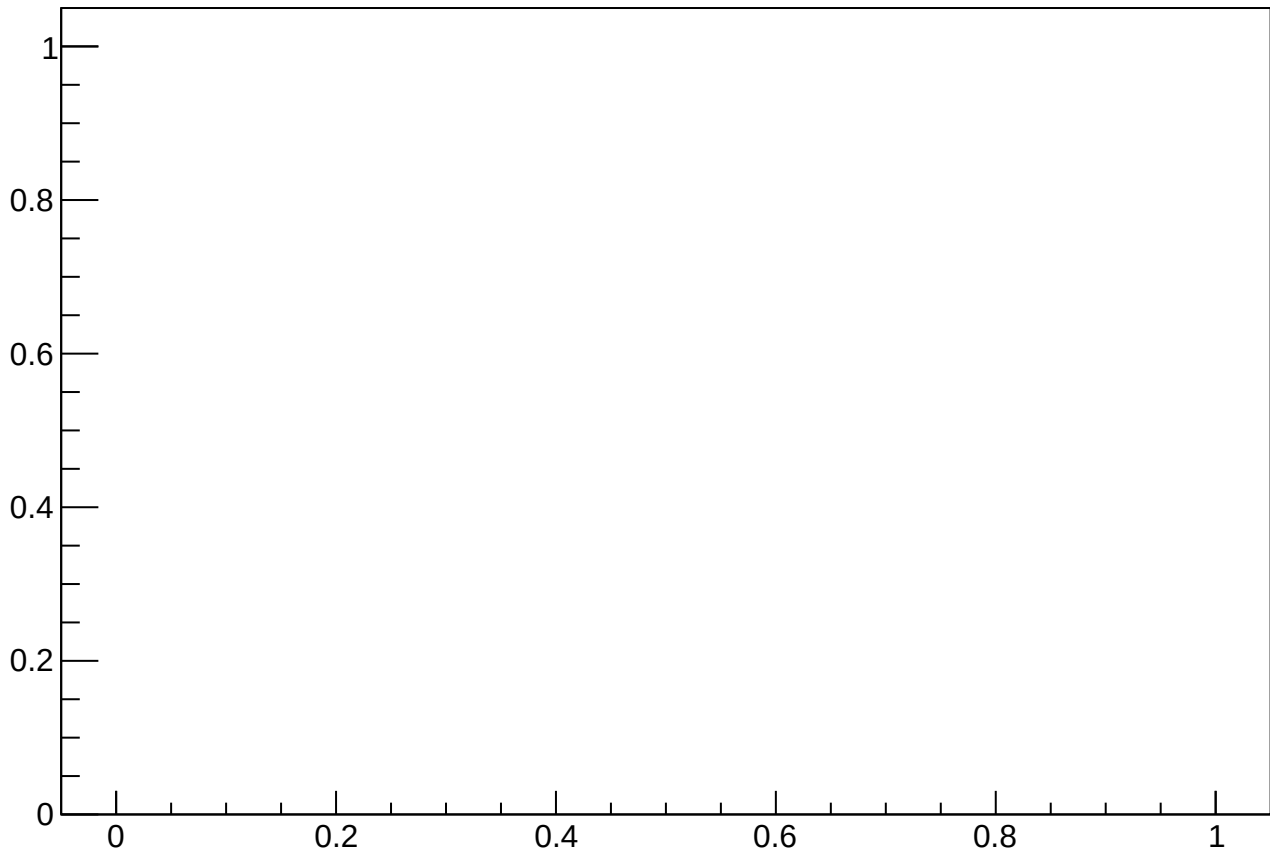
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

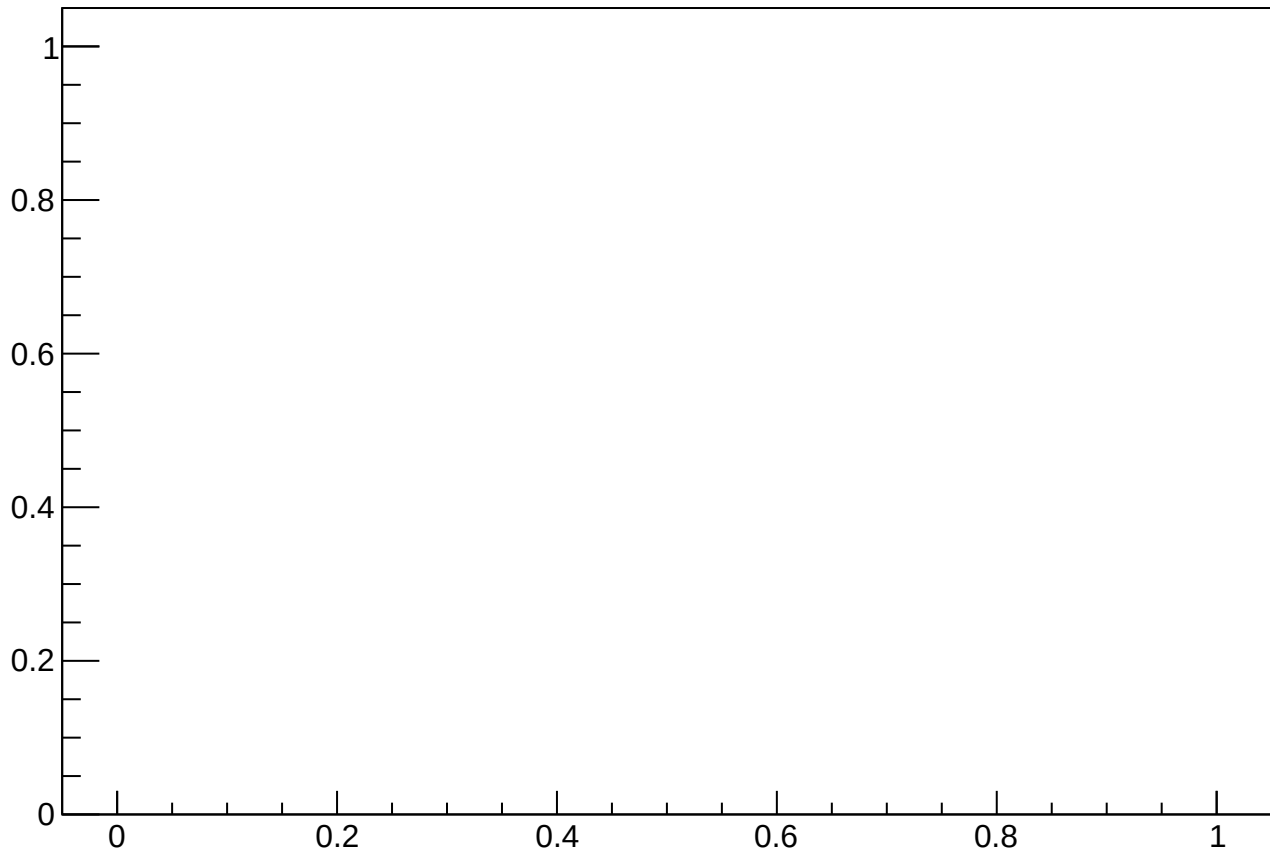
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

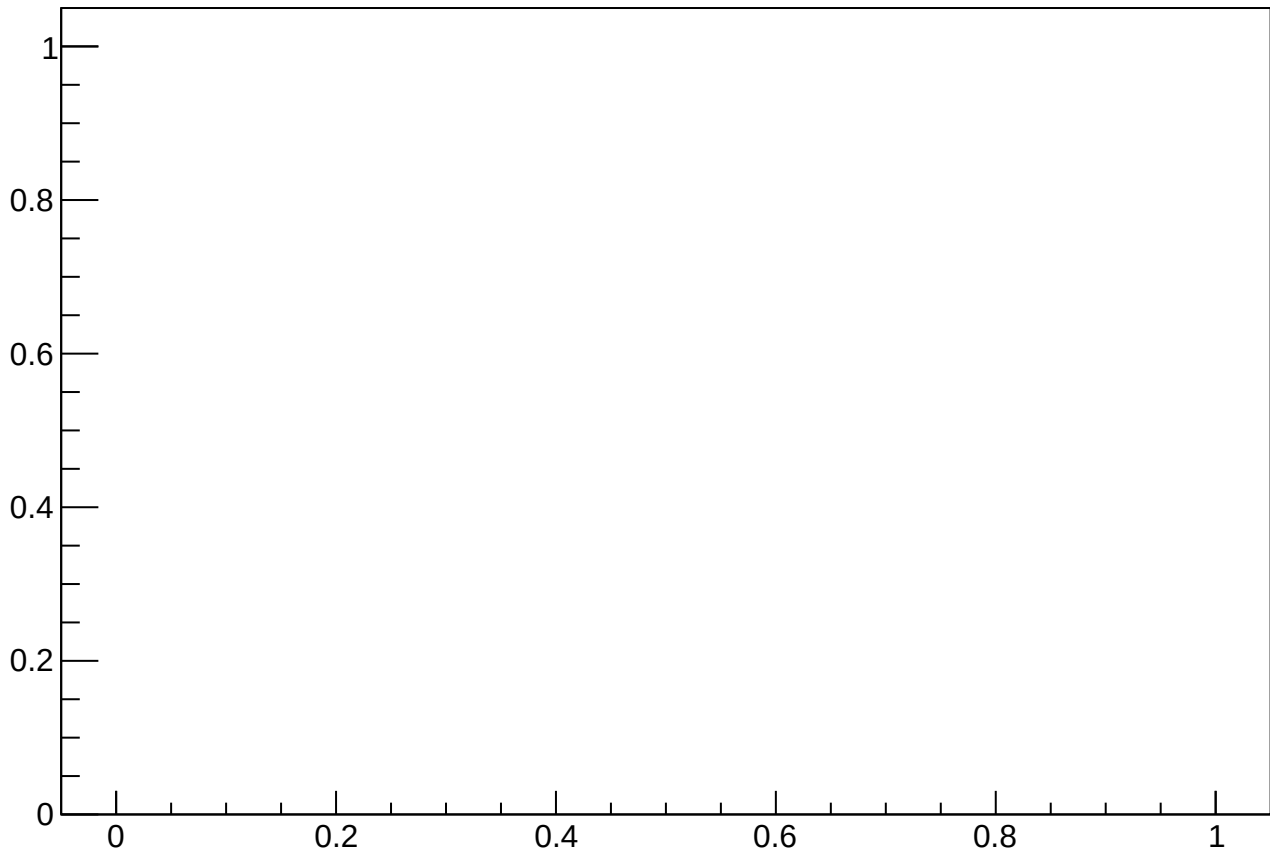
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

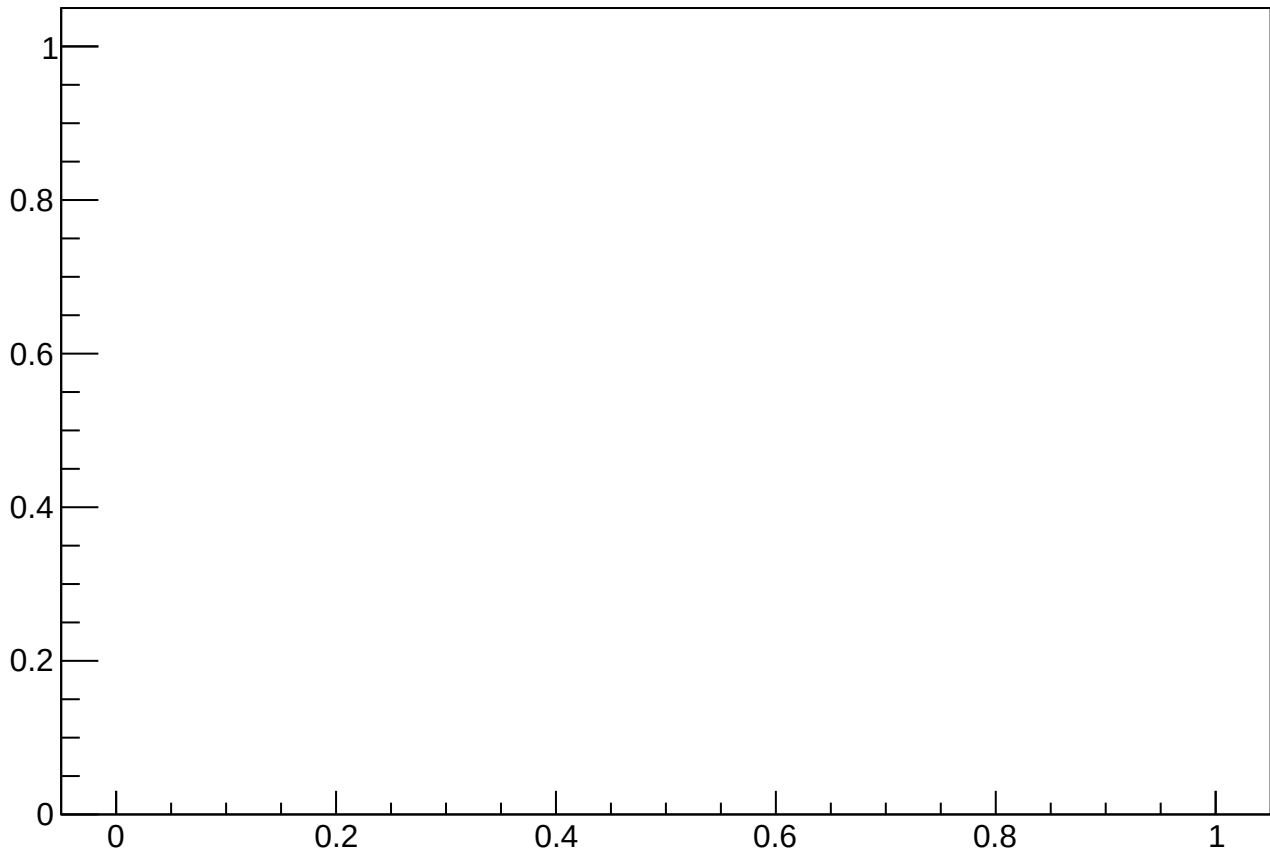
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

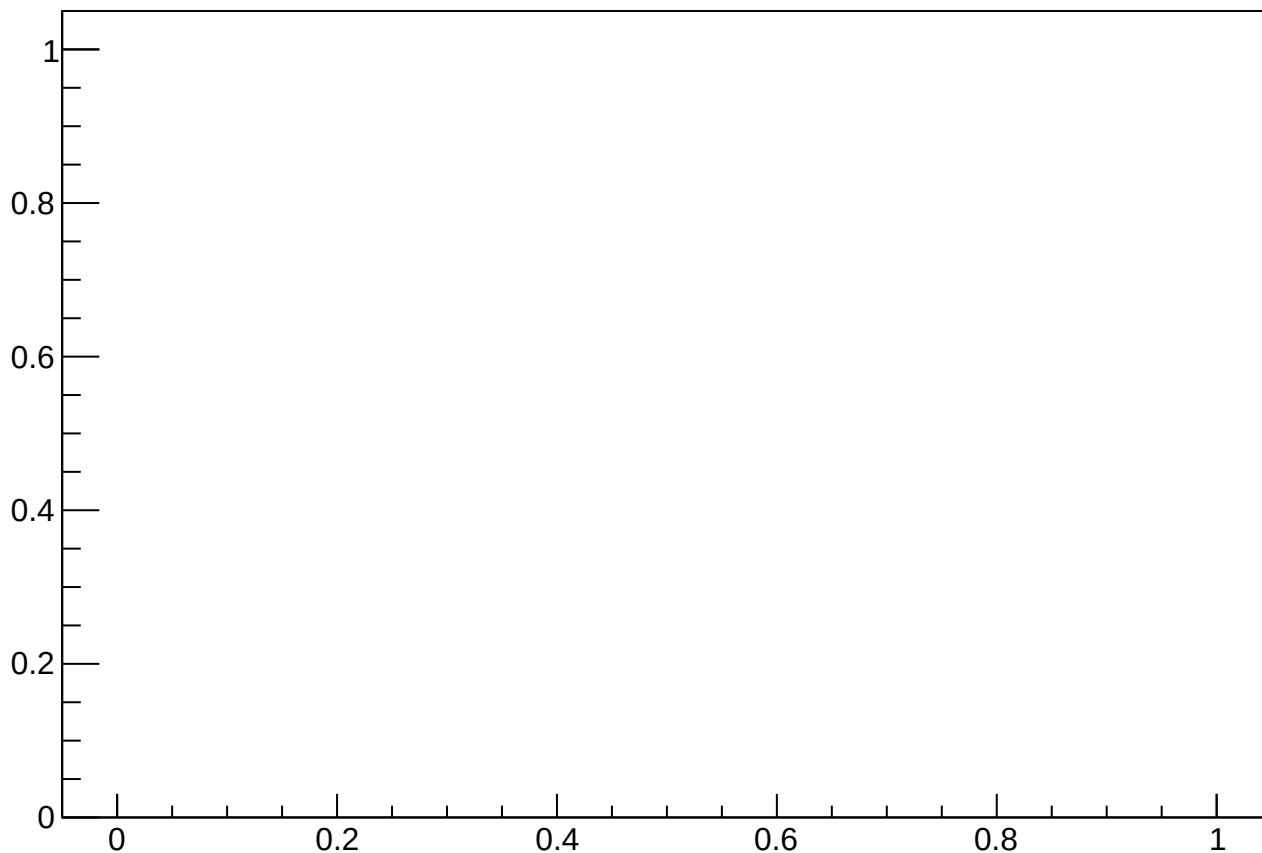
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

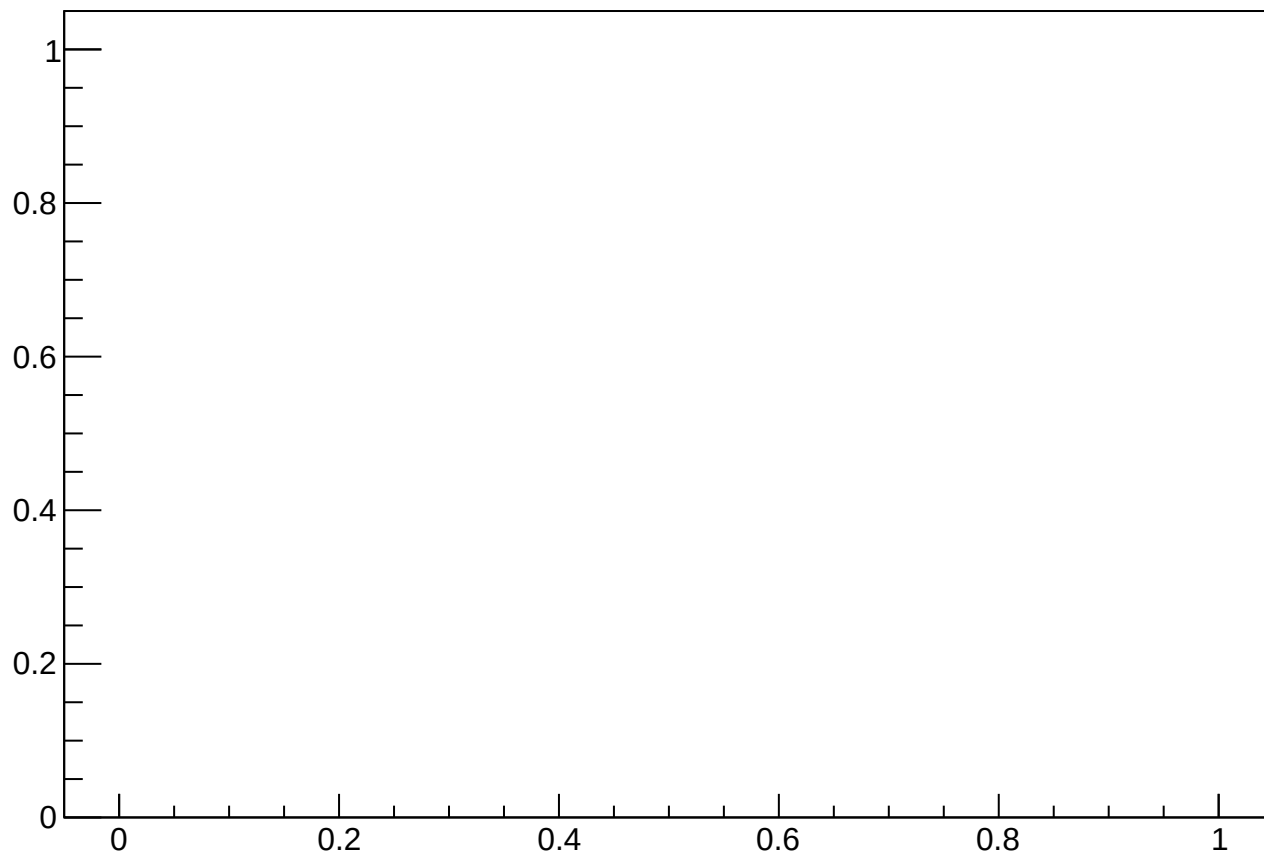
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

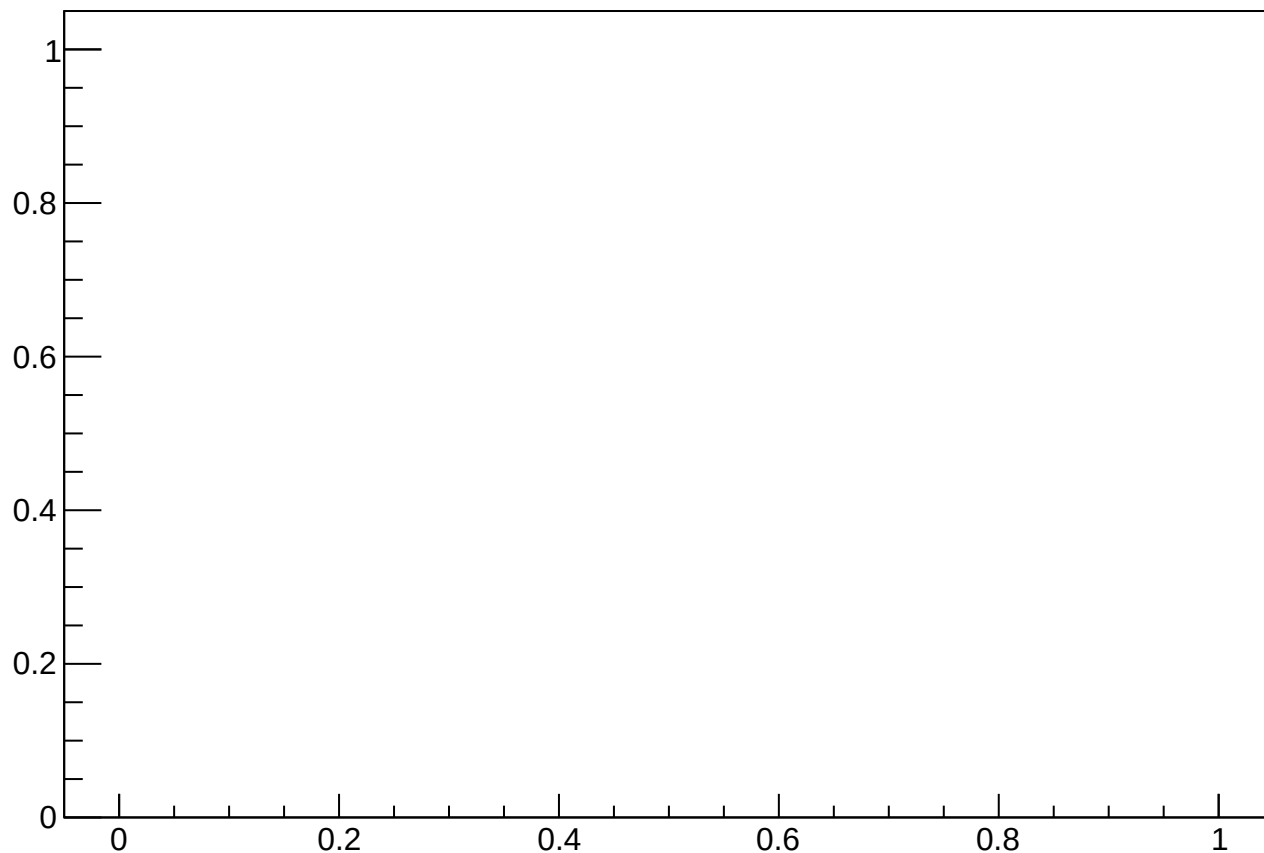
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

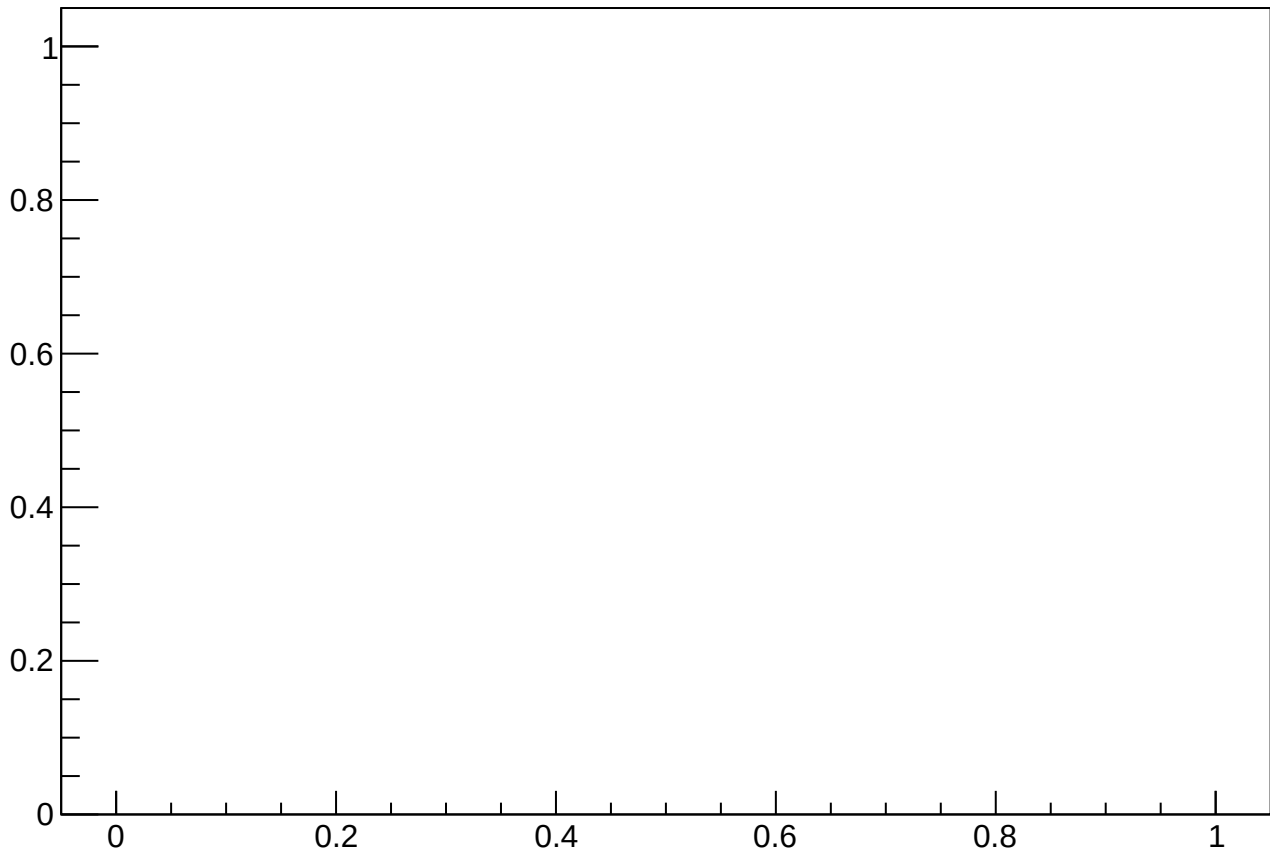
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

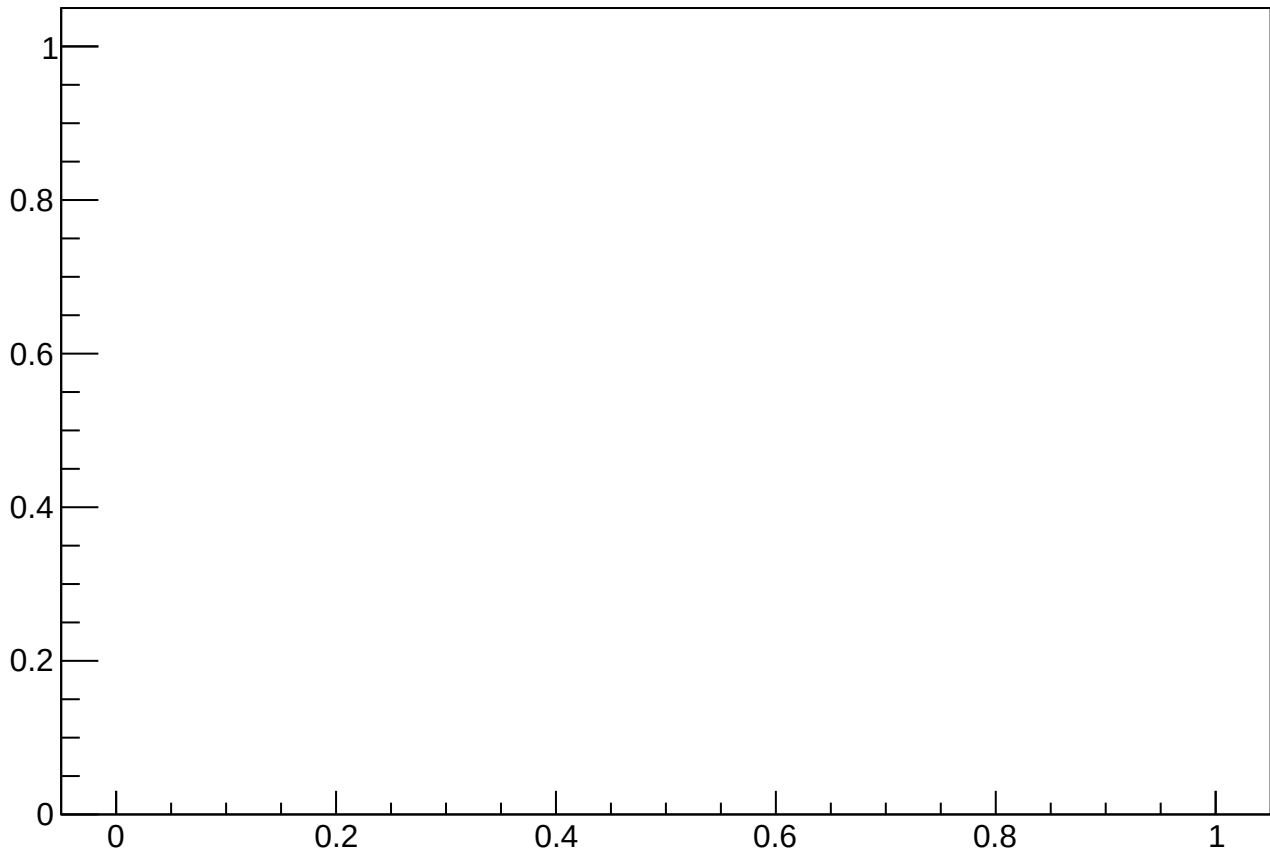
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

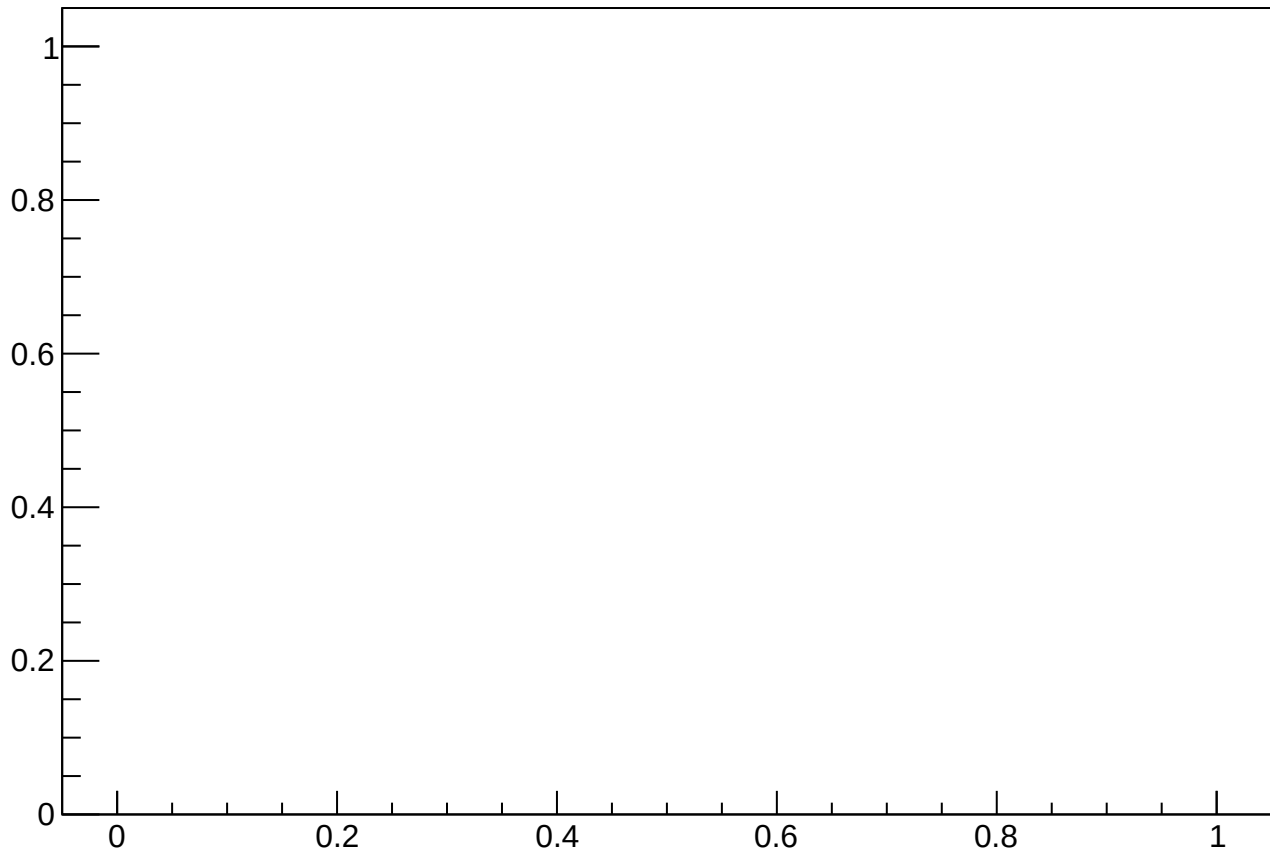
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

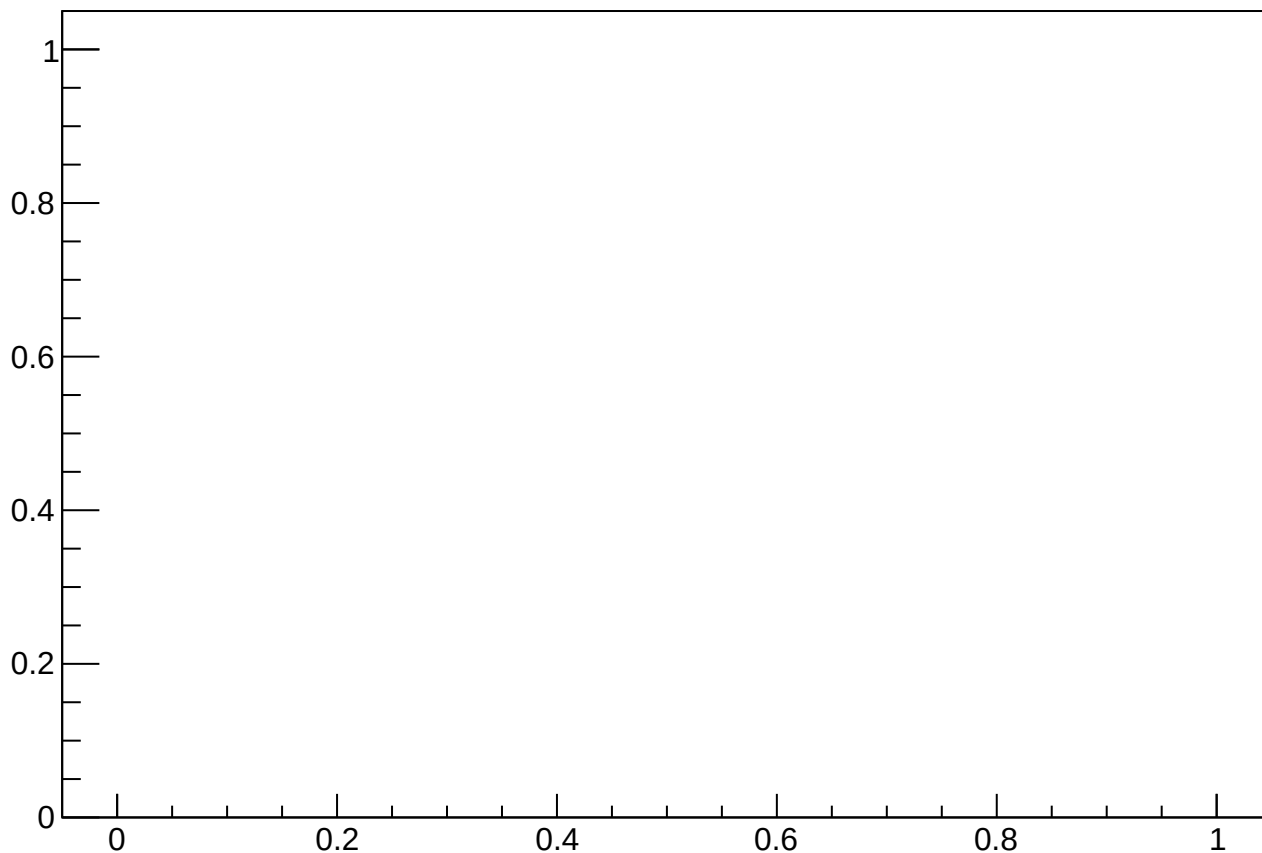
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

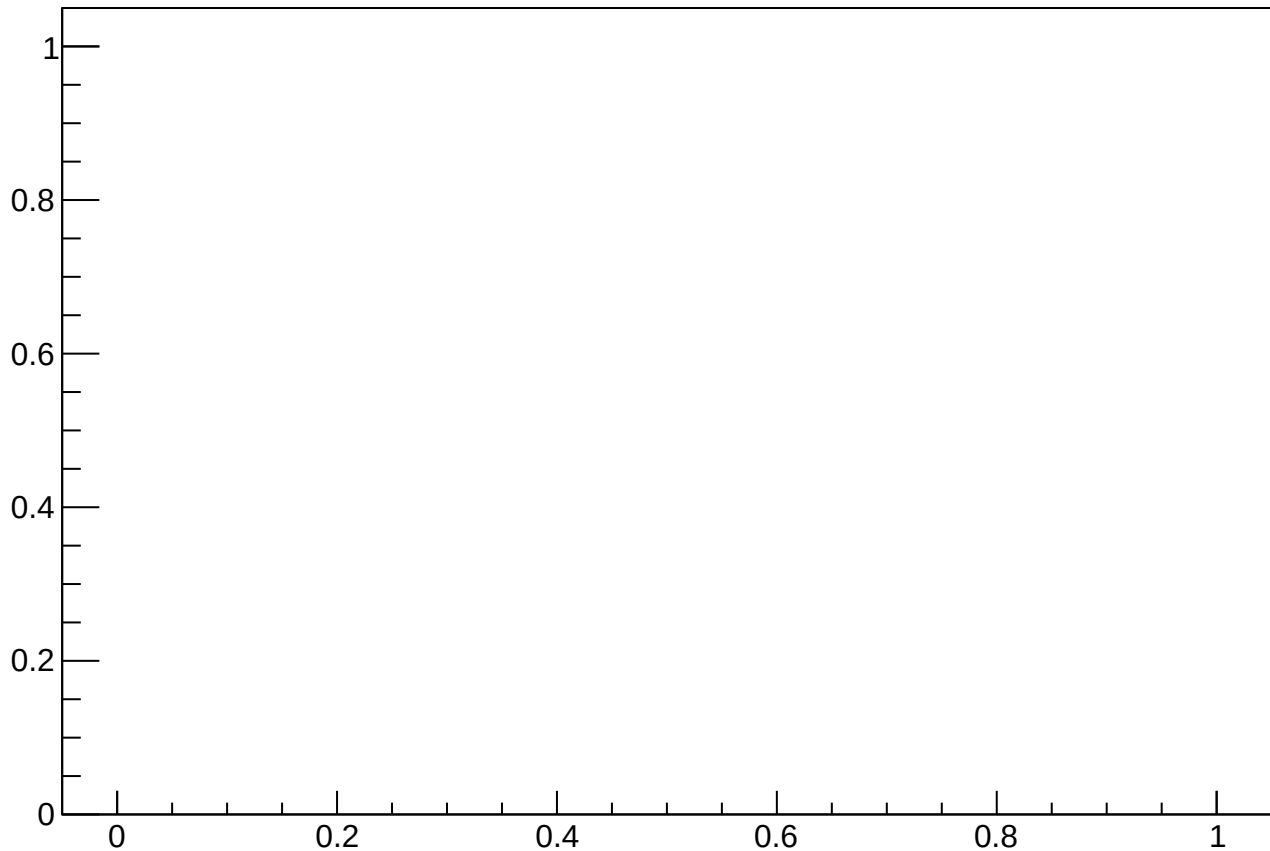
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

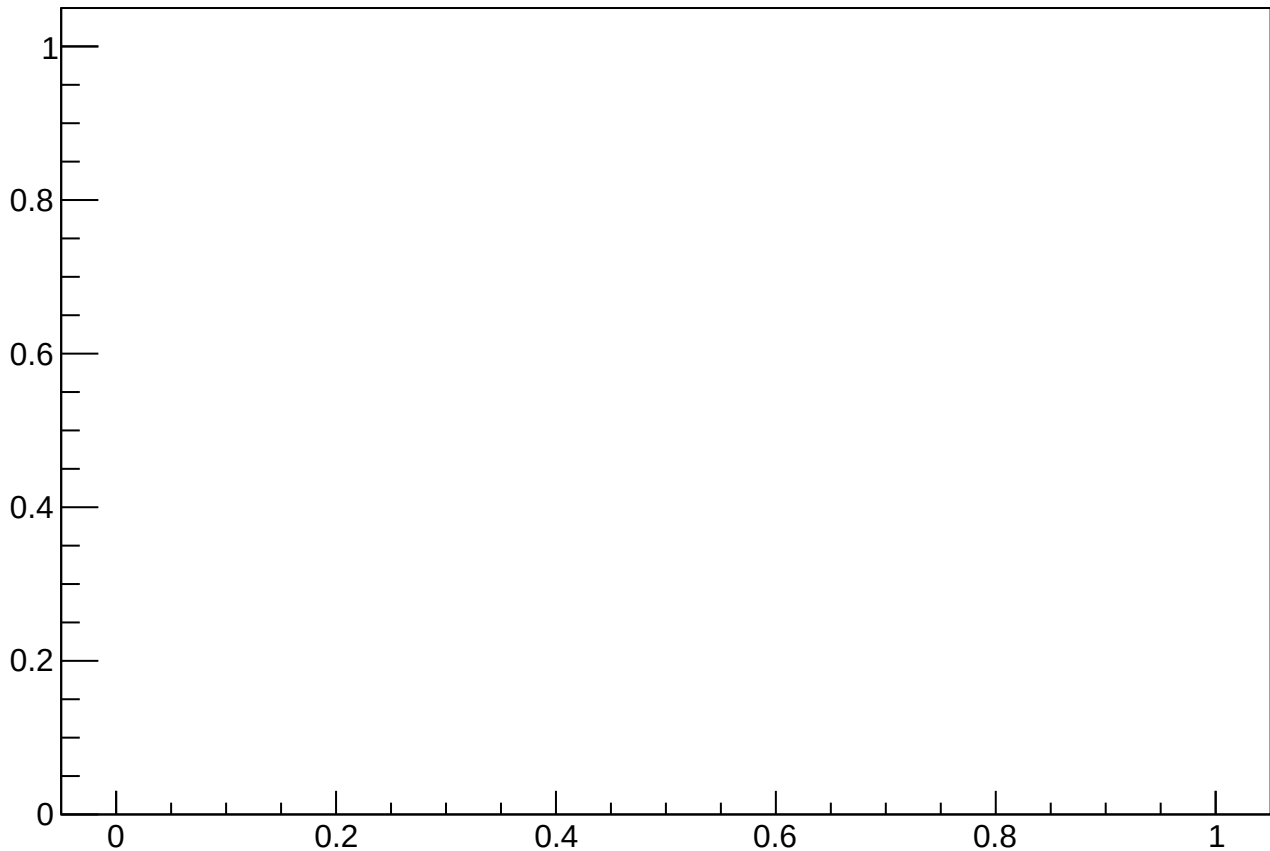
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

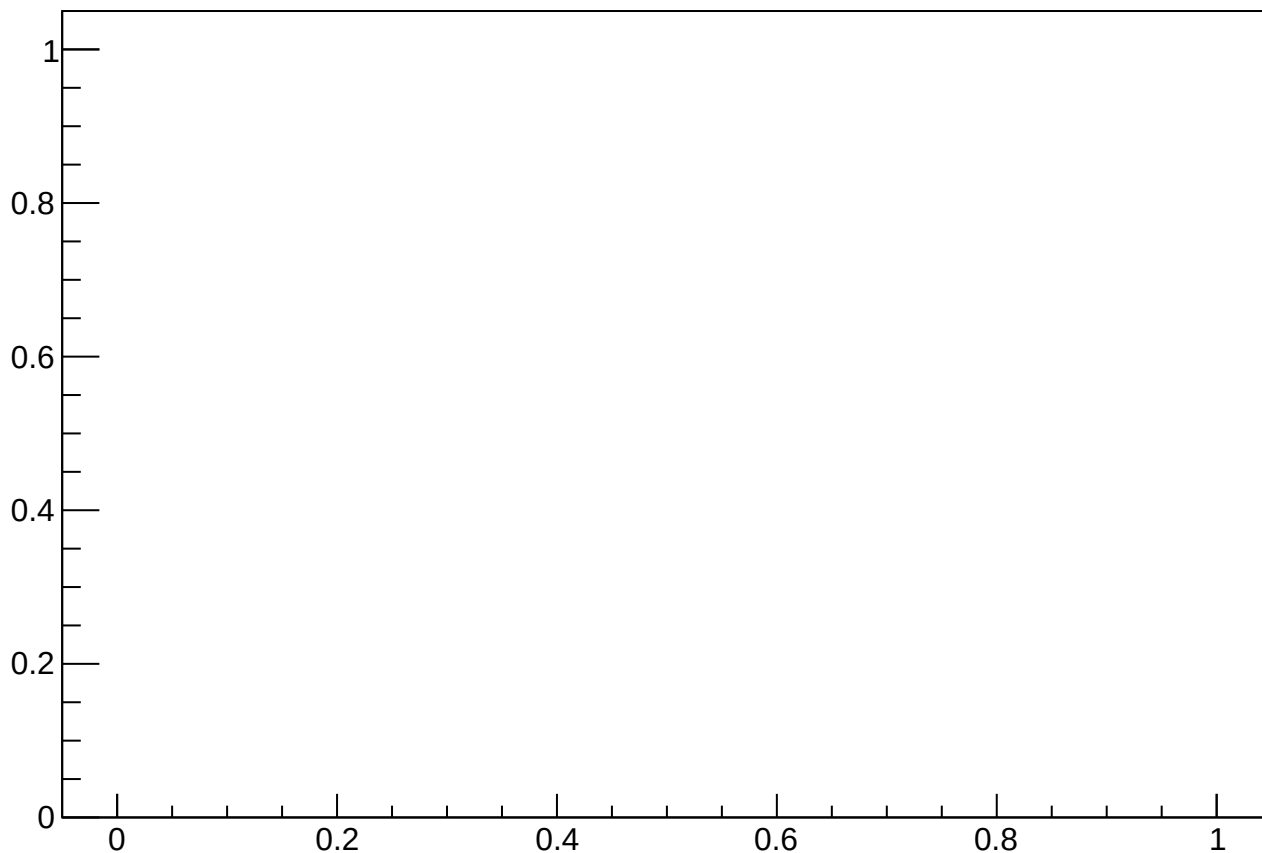
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

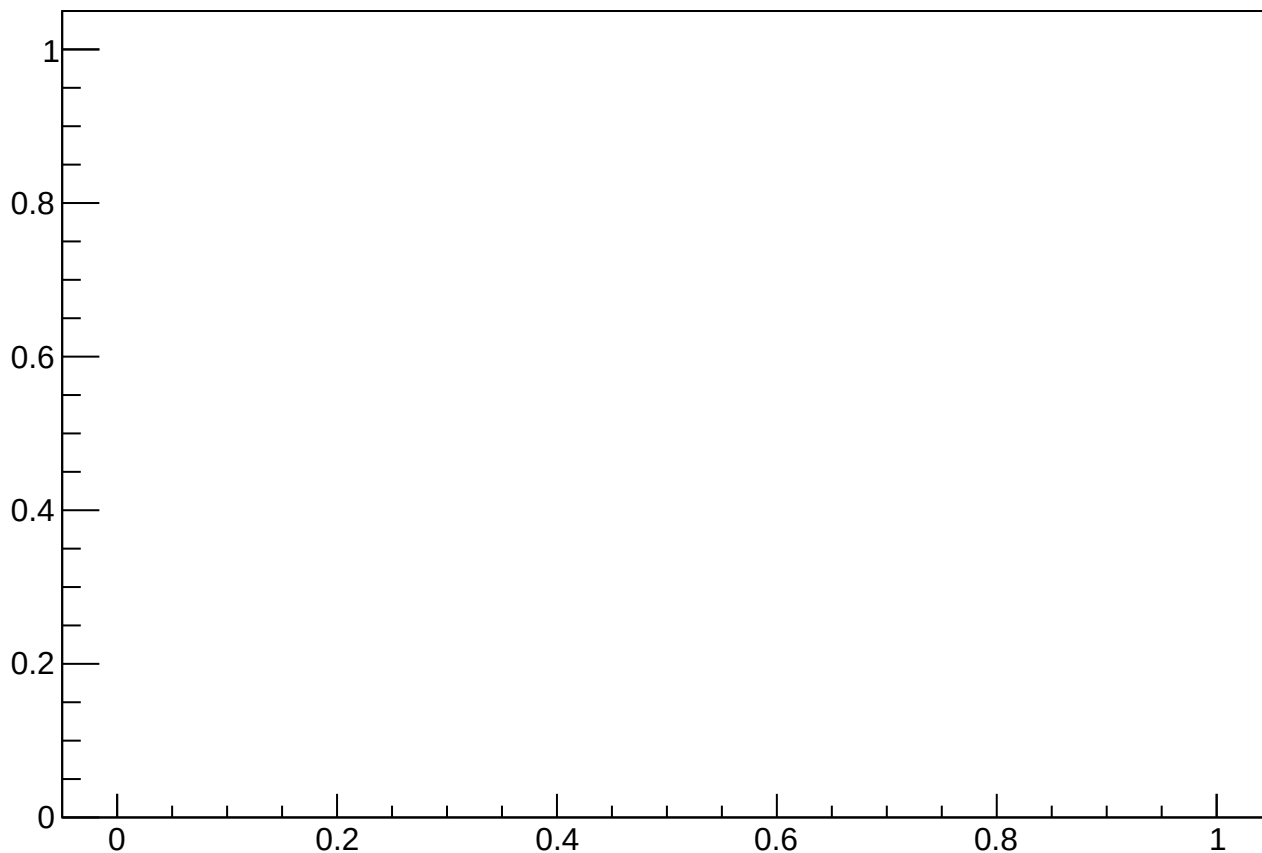
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

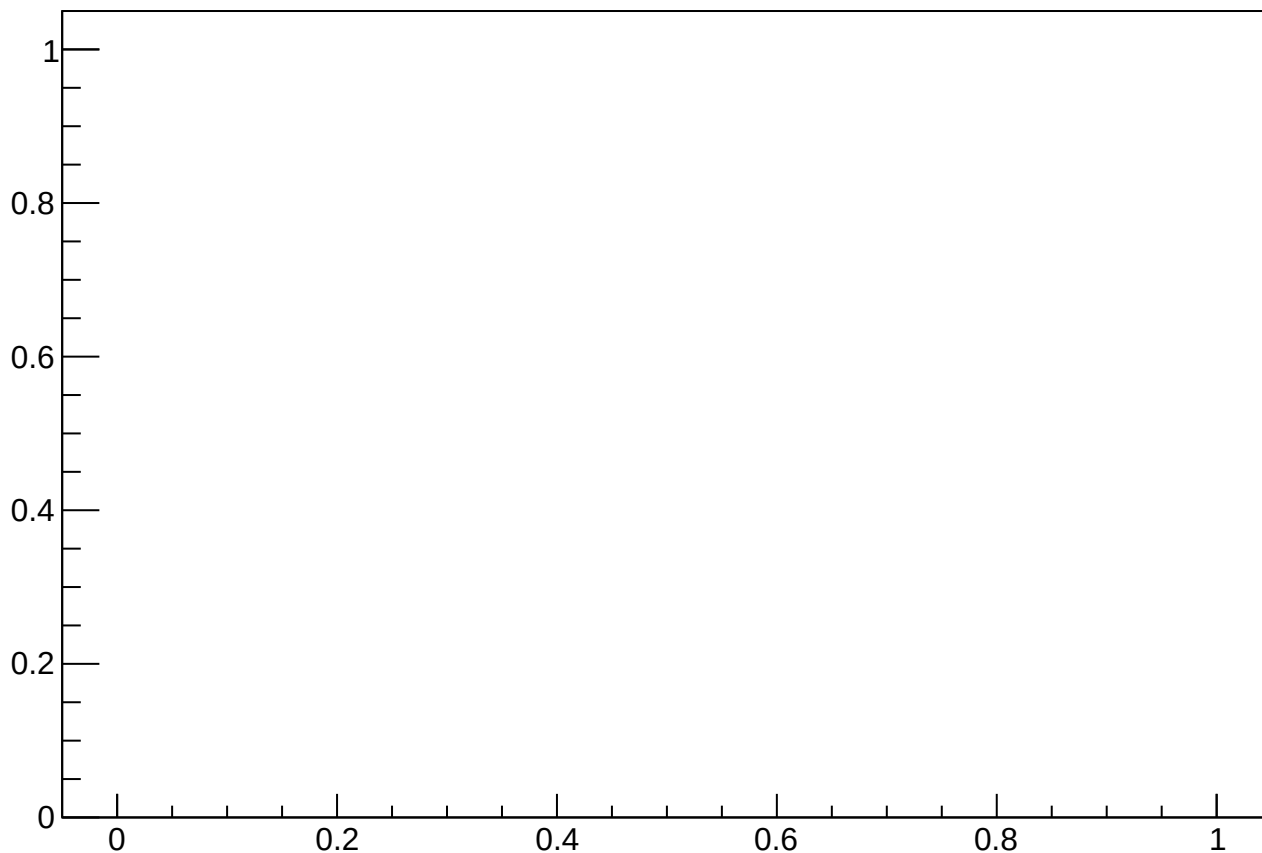
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

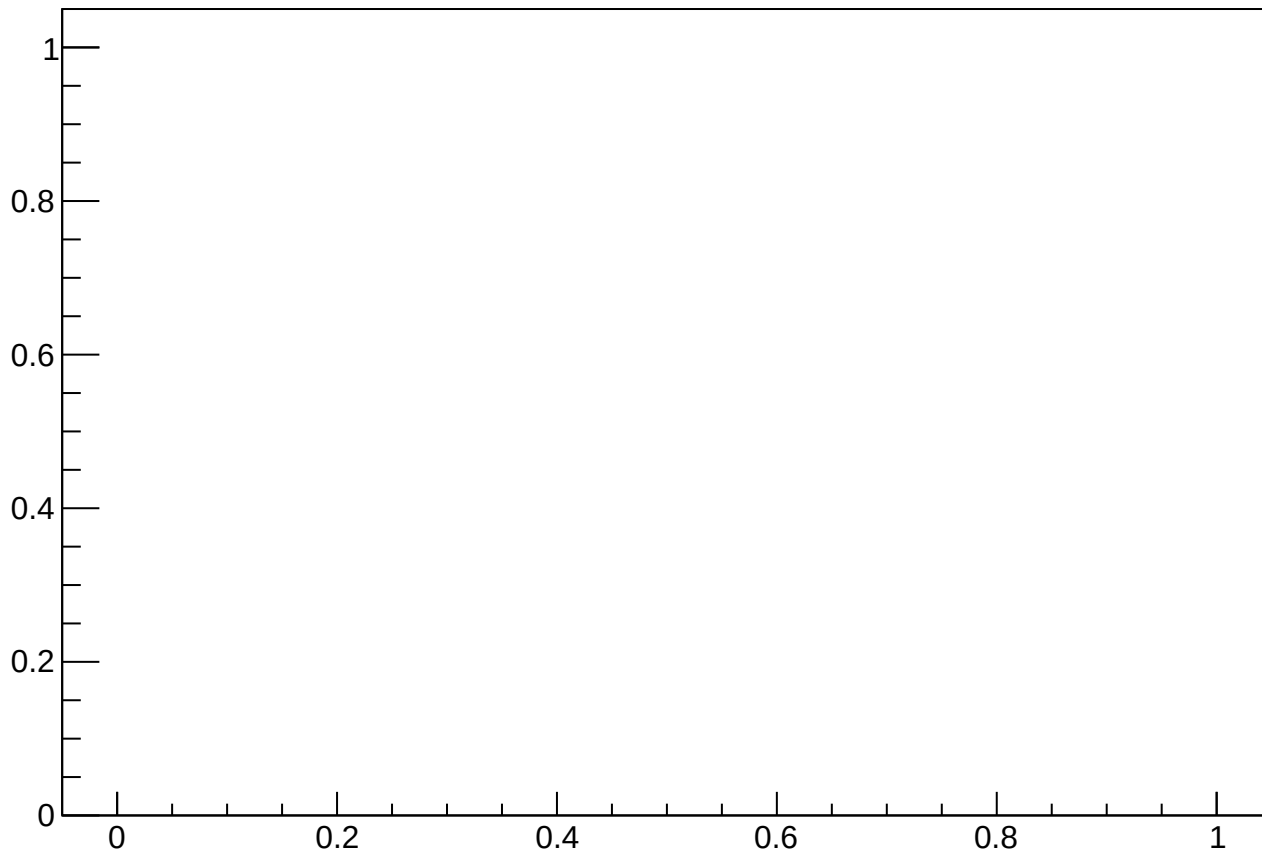
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

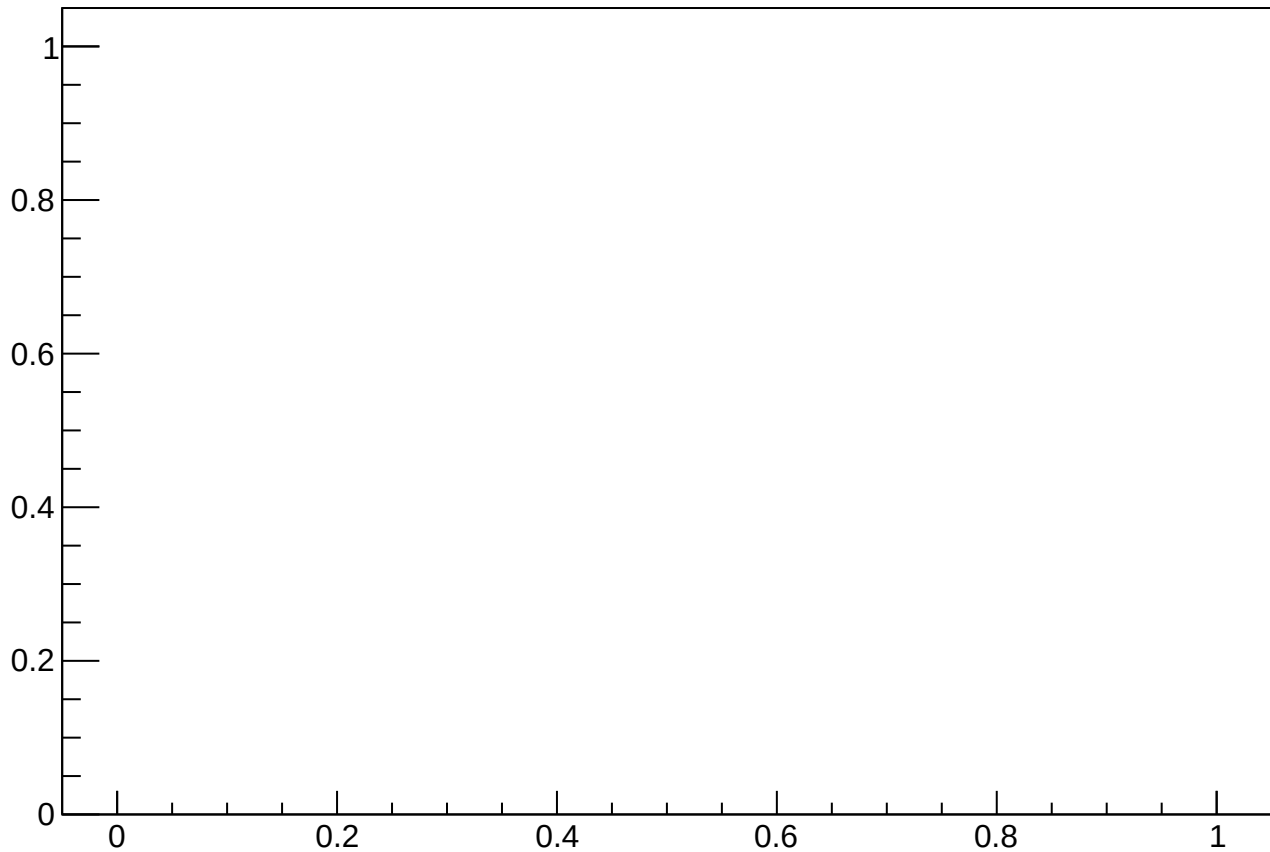
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

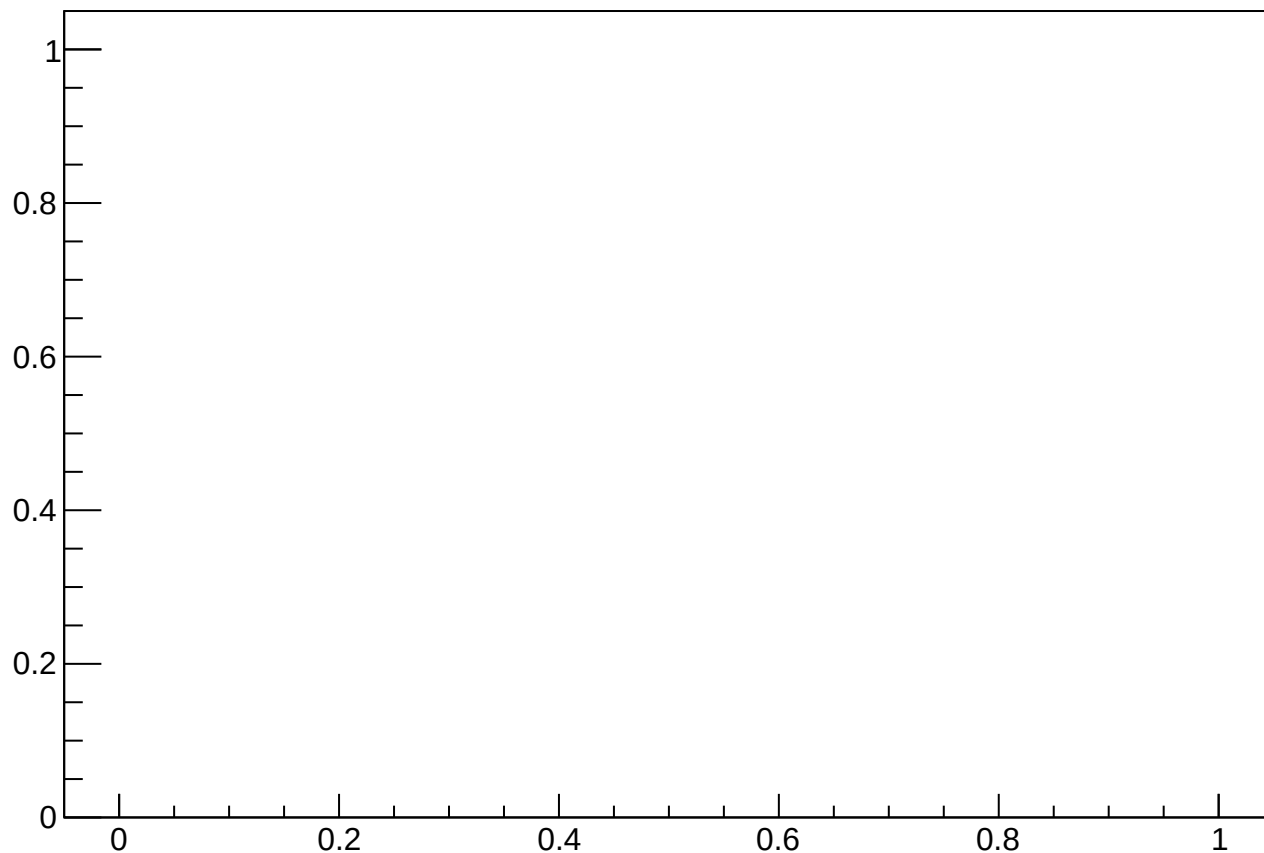
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

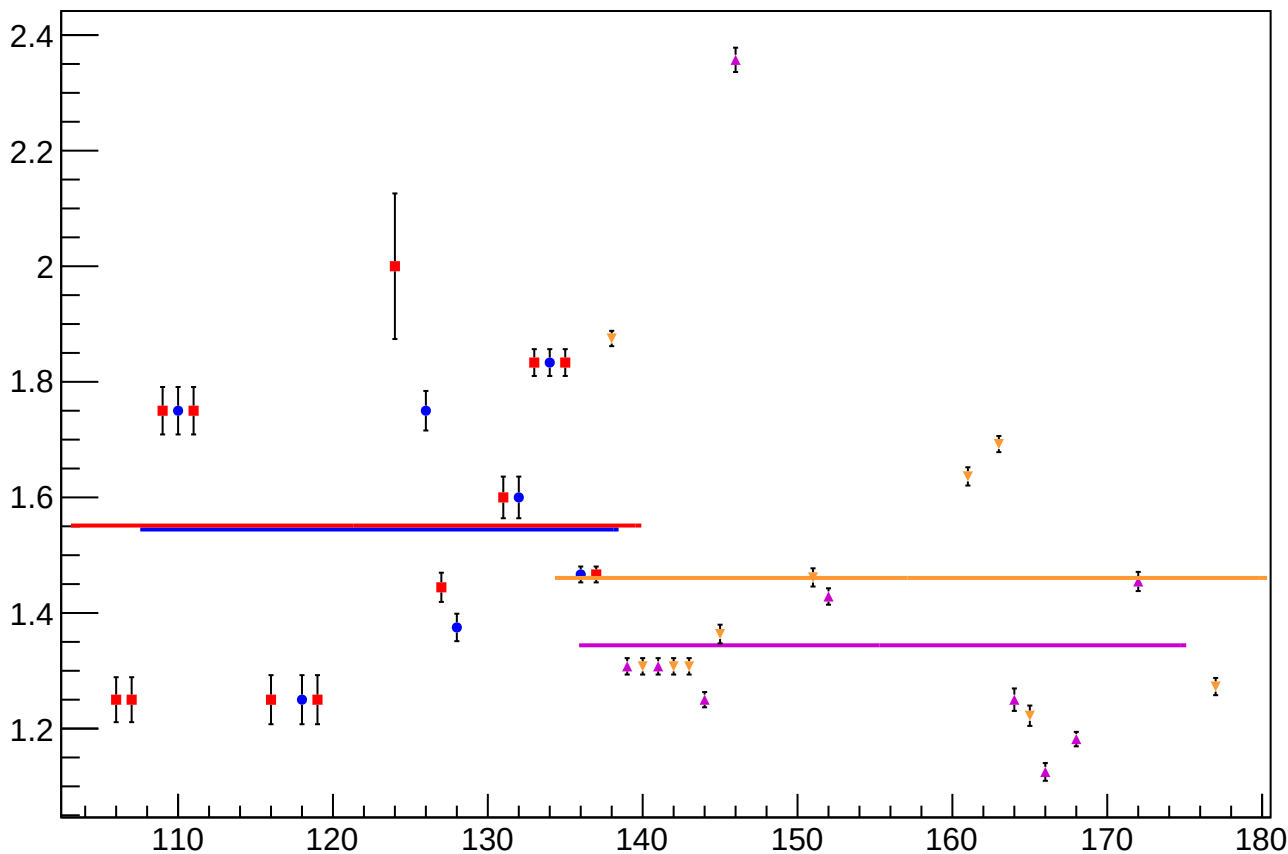
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.461 $\pm$ 0.005 χ^2 /NDF: 2103.3/9

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2 /NDF: 2852.1/8

Left: 1.406 $\pm$ 0.003 χ^2 /NDF: 5242.7/18

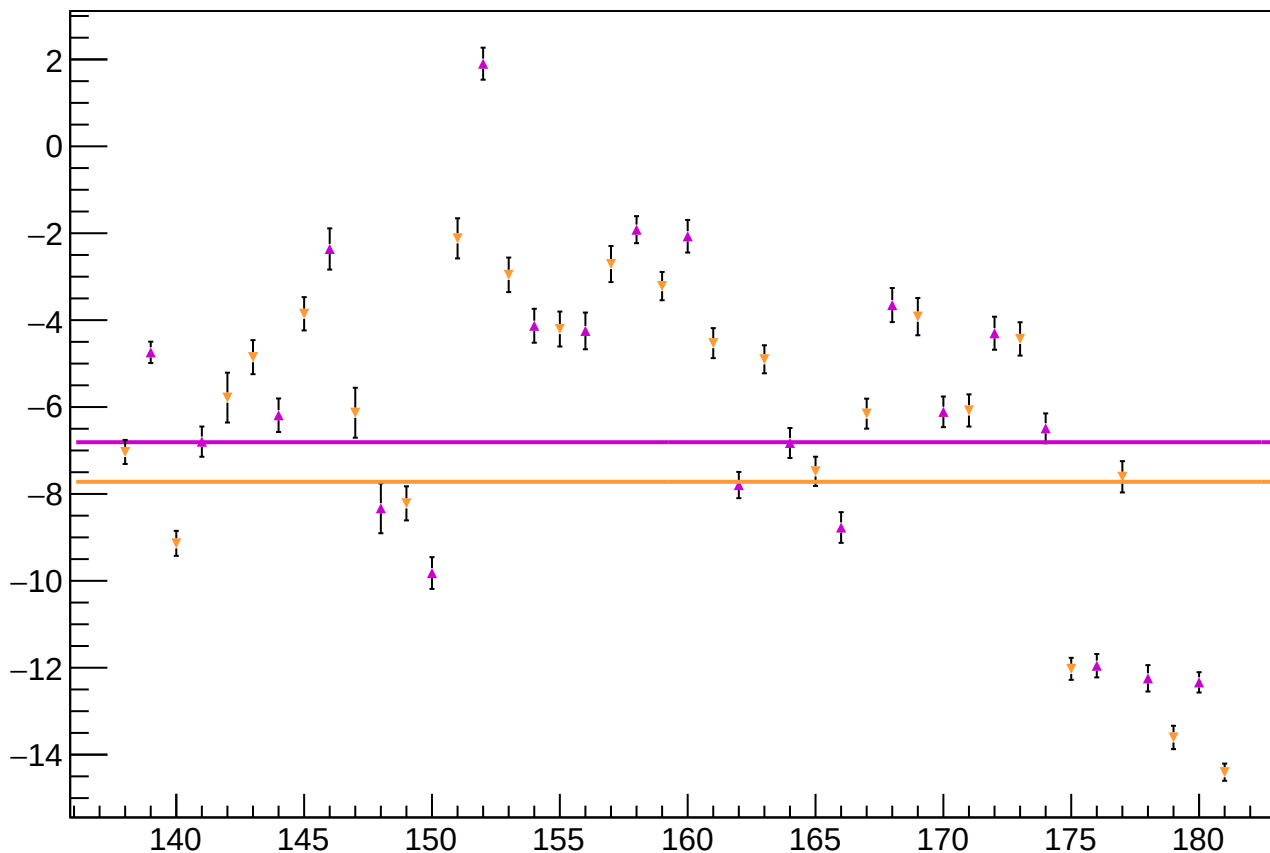
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.390 $\pm$ 0.004 χ^2 /NDF: 3564.8/15

Out: 1.483 $\pm$ 0.004 χ^2 /NDF: 2829.6/21

All: 1.440 $\pm$ 0.003 χ^2 /NDF: 6637.2/37

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -7.720 $\pm$ 0.071 χ^2 /NDF:3172.3/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -6.810 $\pm$ 0.074 χ^2 /NDF:2685.9/20

Left: -7.285 $\pm$ 0.051 χ^2 /NDF: 5937.7/43

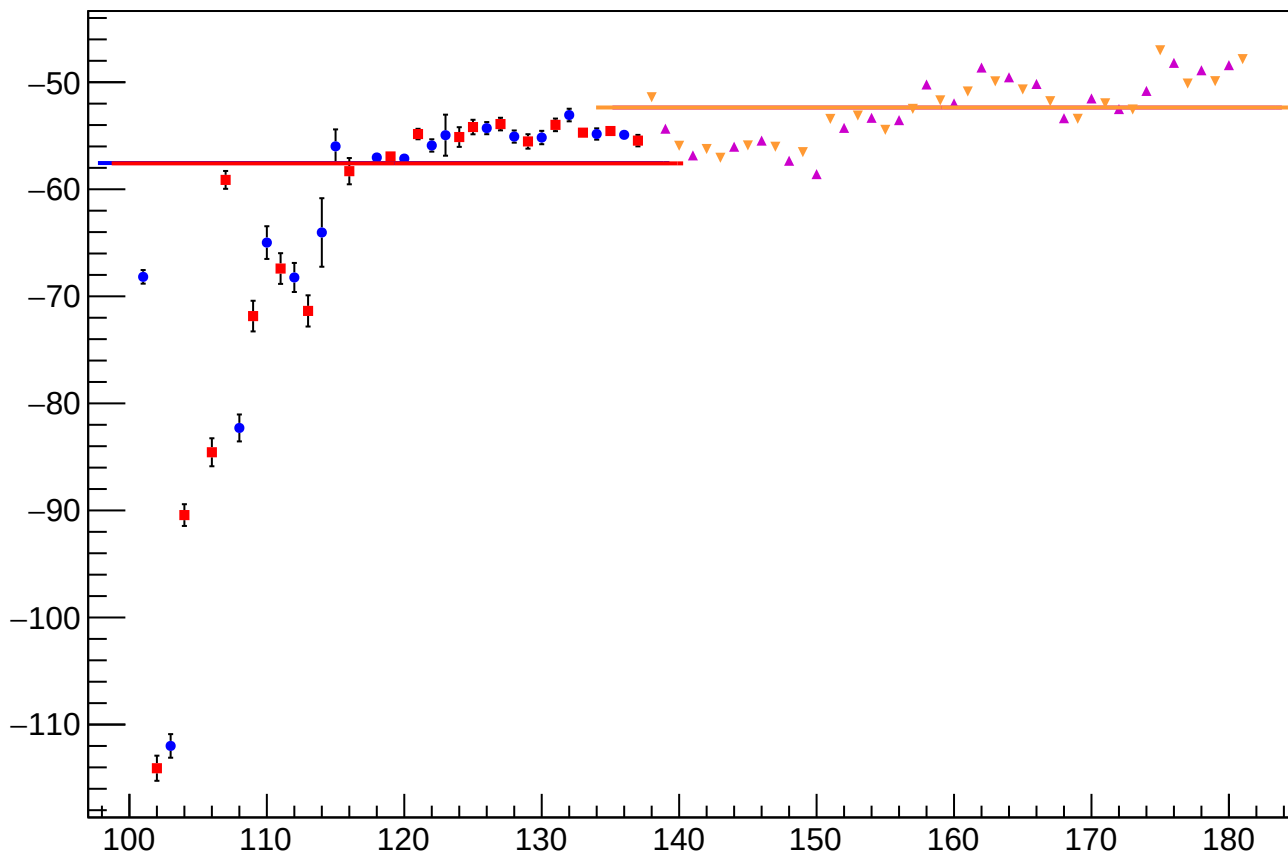
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -6.810 $\pm$ 0.074 χ^2 /NDF:2685.9/20

Out: -7.720 $\pm$ 0.071 χ^2 /NDF:3172.3/22

All: -7.285 $\pm$ 0.051 χ^2 /NDF: 5937.7/43

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.361 ± 0.057 χ^2/NDF : 2520.2/22

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: -52.363 ± 0.041 χ^2/NDF : 5379.3/43

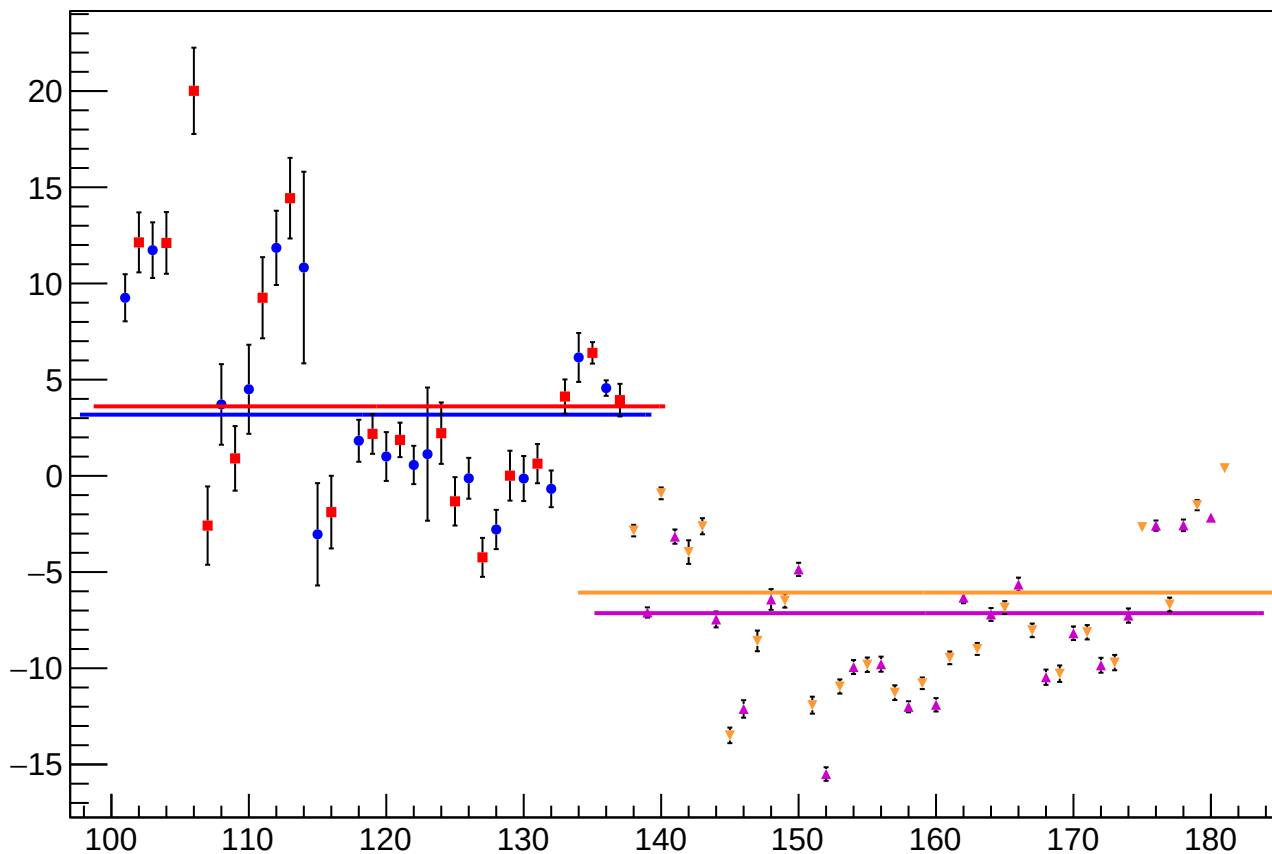
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -53.150 ± 0.055 χ^2/NDF : 7457.1/37

Out: -53.072 ± 0.053 χ^2/NDF : 8016.2/40

All: -53.109 ± 0.038 χ^2/NDF : 15474.4/78

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.067 ± 0.071 χ^2/NDF : 3622.0/22

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -7.136 ± 0.073 χ^2/NDF : 2554.1/20

Left: -6.582 ± 0.051 χ^2/NDF : 6286.9/43

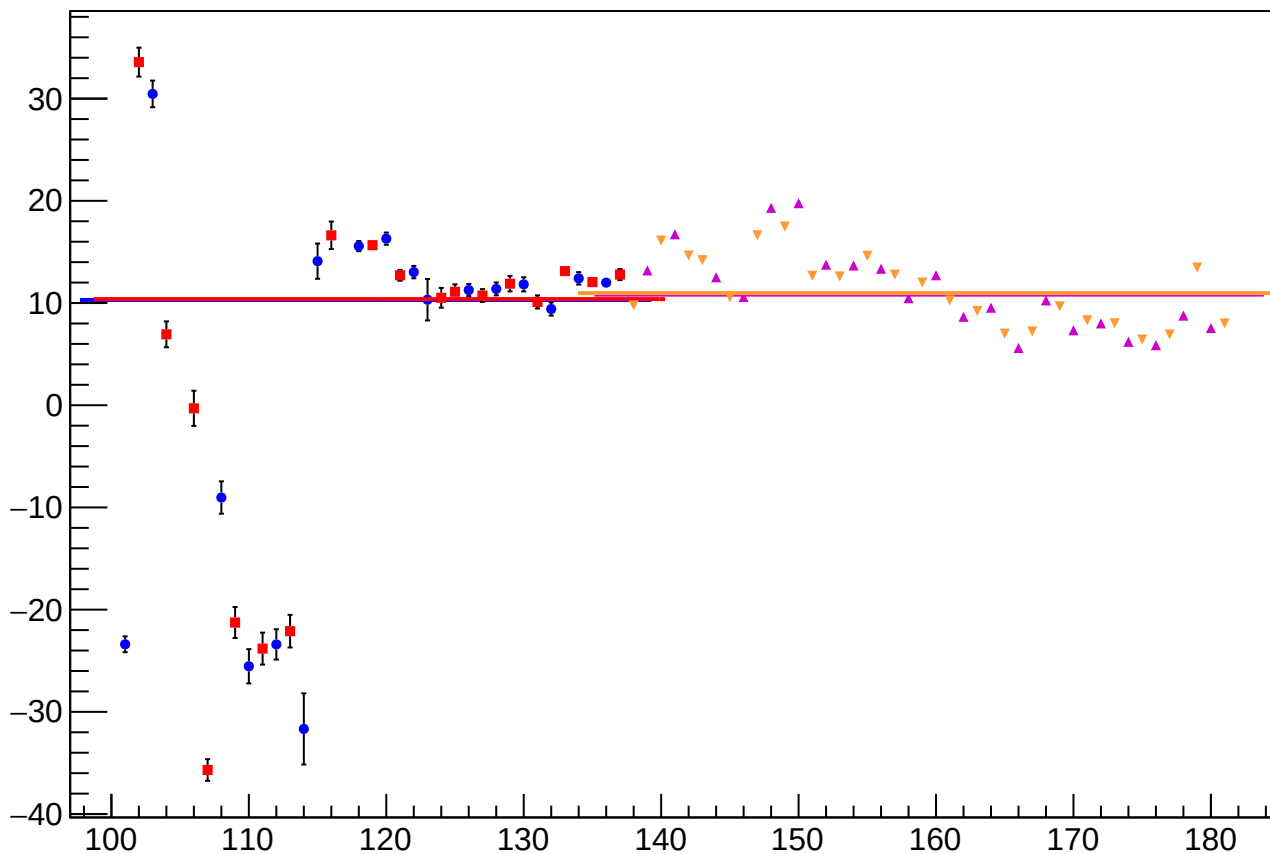
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -6.369 ± 0.070 χ^2/NDF : 4219.7/37

Out: -5.440 ± 0.068 χ^2/NDF : 5132.3/40

All: -5.890 ± 0.049 χ^2/NDF : 9441.8/78

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 10.973 $\pm$ 0.063 χ^2 /NDF:2624.9/22

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 10.822 $\pm$ 0.066 χ^2 /NDF:3460.9/20

Left: 10.900 $\pm$ 0.046 χ^2 /NDF: 6088.5/43

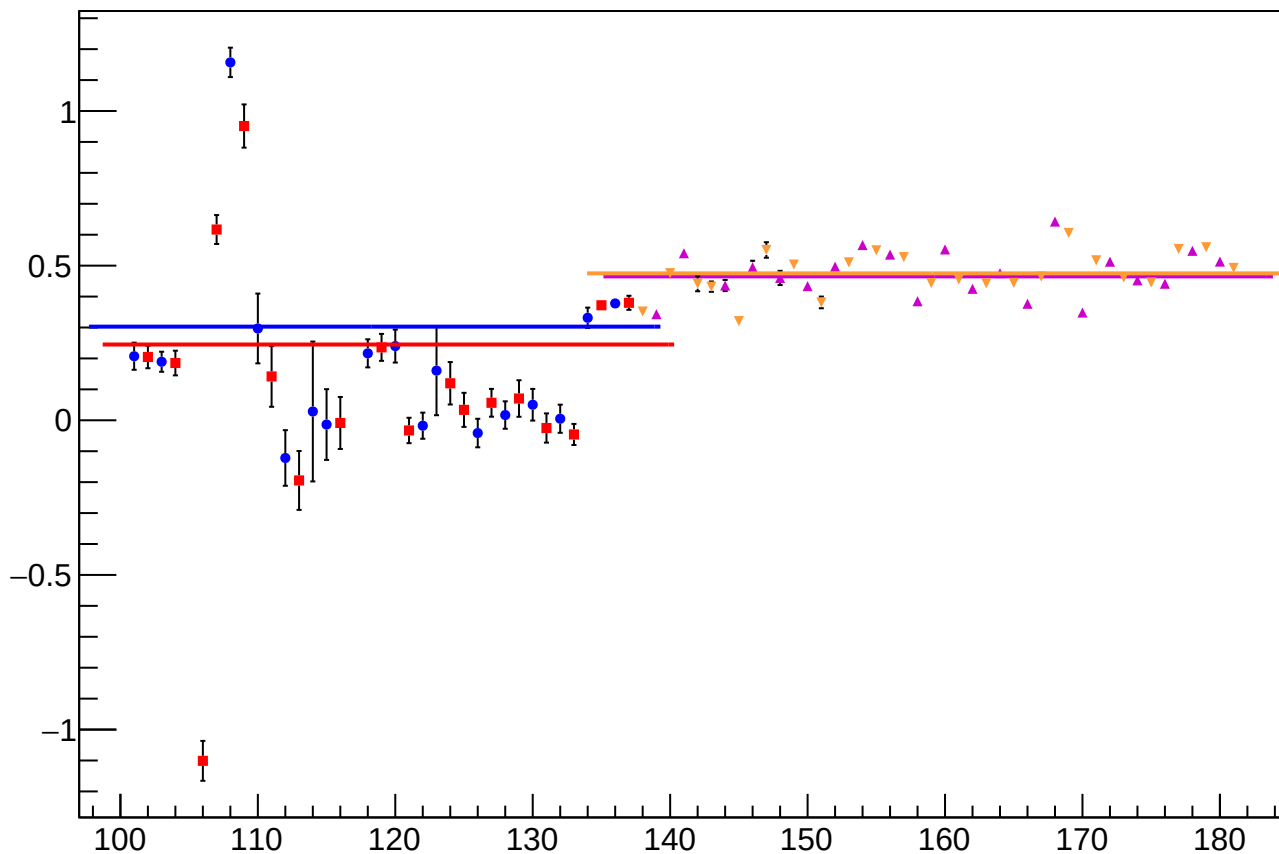
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 10.743 $\pm$ 0.061 χ^2 /NDF:7169.6/37

Out: 10.893 $\pm$ 0.059 χ^2 /NDF:6422.8/40

All: 10.821 $\pm$ 0.042 χ^2 /NDF: 13595.6/78

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: 0.475 $\pm$ 0.003 χ^2 /NDF:503.0/22

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: 0.470 $\pm$ 0.002 χ^2 /NDF: 1251.9/43

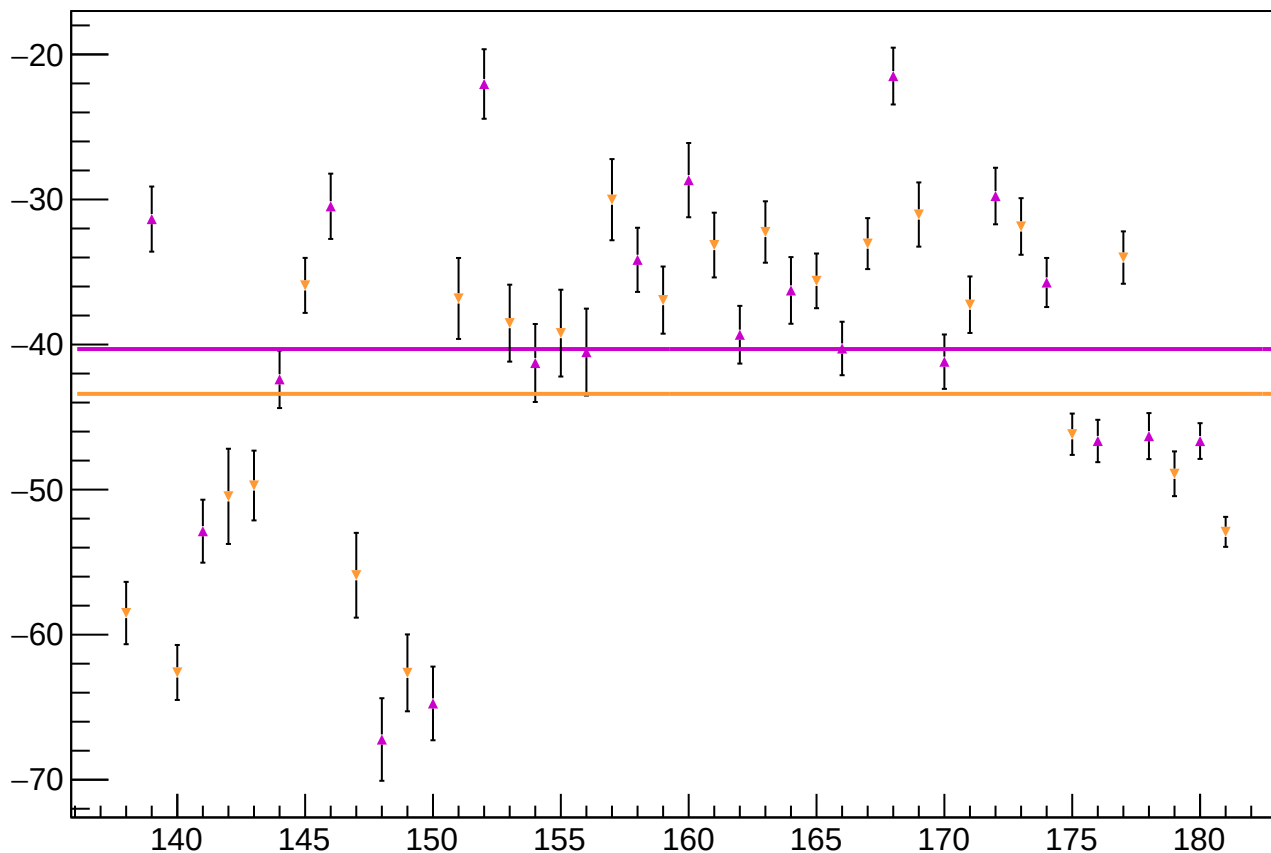
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.447 $\pm$ 0.003 χ^2 /NDF:1739.0/37

Out: 0.452 $\pm$ 0.003 χ^2 /NDF:2112.6/40

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3853.0/78

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.399+/-0.411 χ^2/NDF :596.9/22

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: -41.933+/-0.298 χ^2/NDF : 1154.2/43

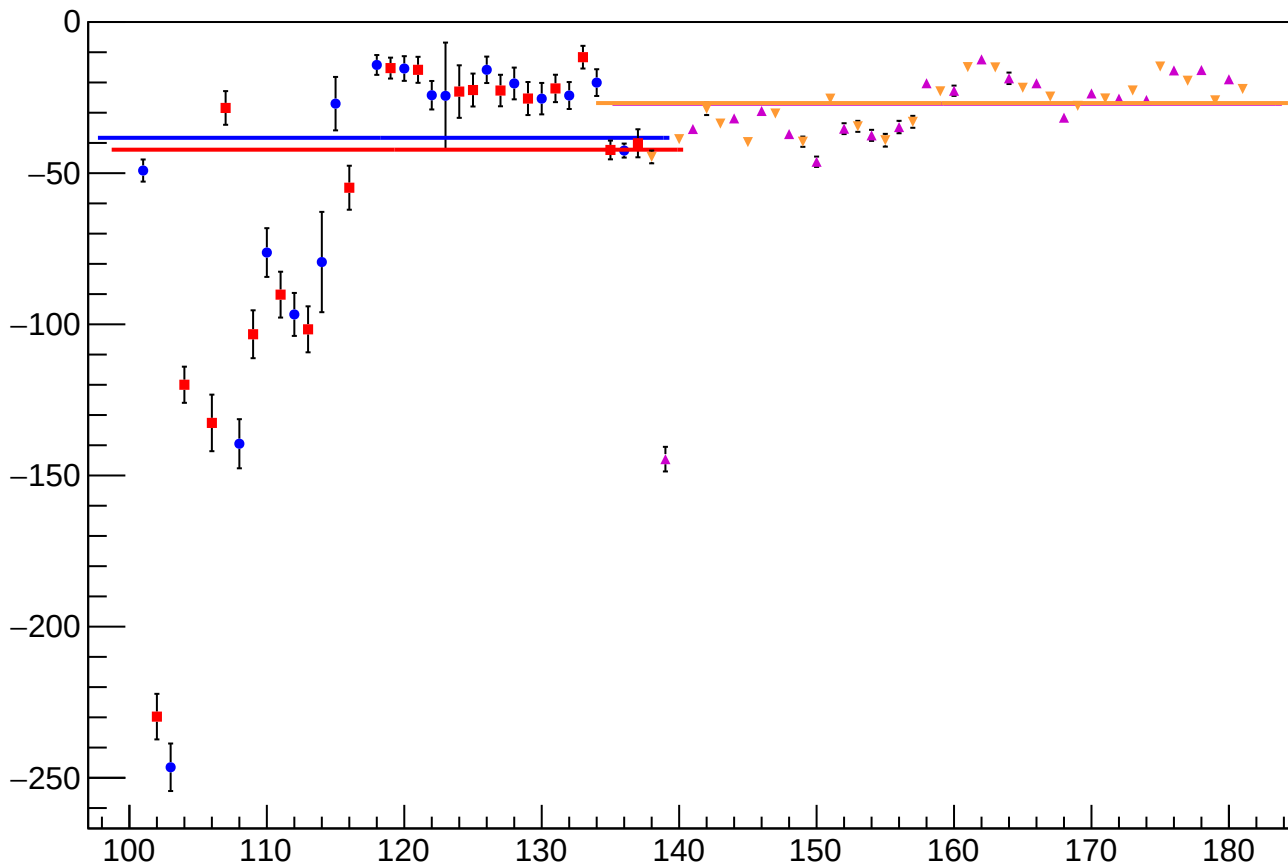
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.311+/-0.433 χ^2/NDF :530.5/20

Out: -43.399+/-0.411 χ^2/NDF :596.9/22

All: -41.933+/-0.298 χ^2/NDF : 1154.2/43

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.810 ± 0.329 $\chi^2/\text{NDF}: 603.6/22$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -27.036 ± 0.343 $\chi^2/\text{NDF}: 1459.0/20$

Left: -26.918 ± 0.237 $\chi^2/\text{NDF}: 2062.8/43$

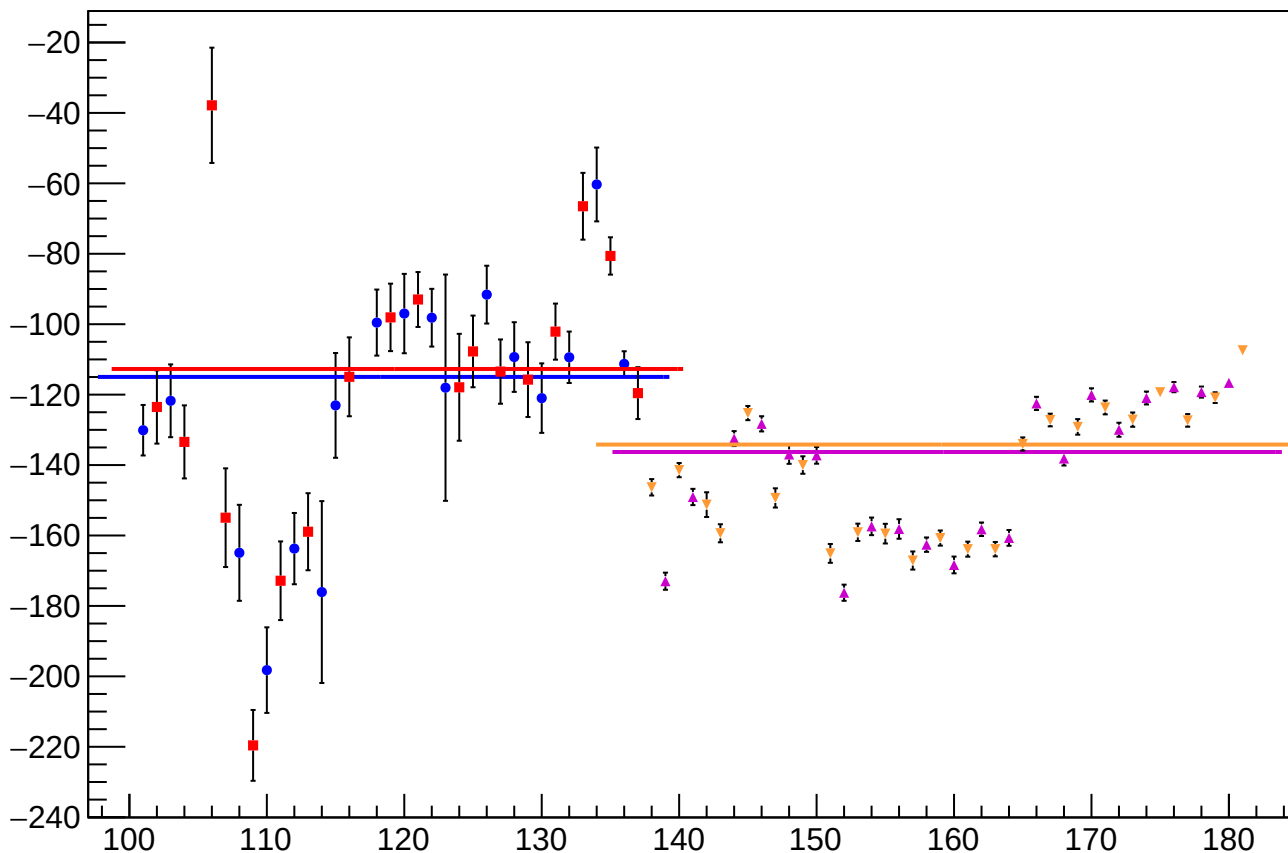
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -27.972 ± 0.328 $\chi^2/\text{NDF}: 2681.7/37$

Out: -27.870 ± 0.317 $\chi^2/\text{NDF}: 2033.1/40$

All: -27.919 ± 0.228 $\chi^2/\text{NDF}: 4714.8/78$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -134.178 ± 0.413 $\chi^2/\text{NDF}: 2138.5/22$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -136.291 ± 0.430 $\chi^2/\text{NDF}: 2056.6/20$

Left: -135.191 ± 0.298 $\chi^2/\text{NDF}: 4207.7/43$

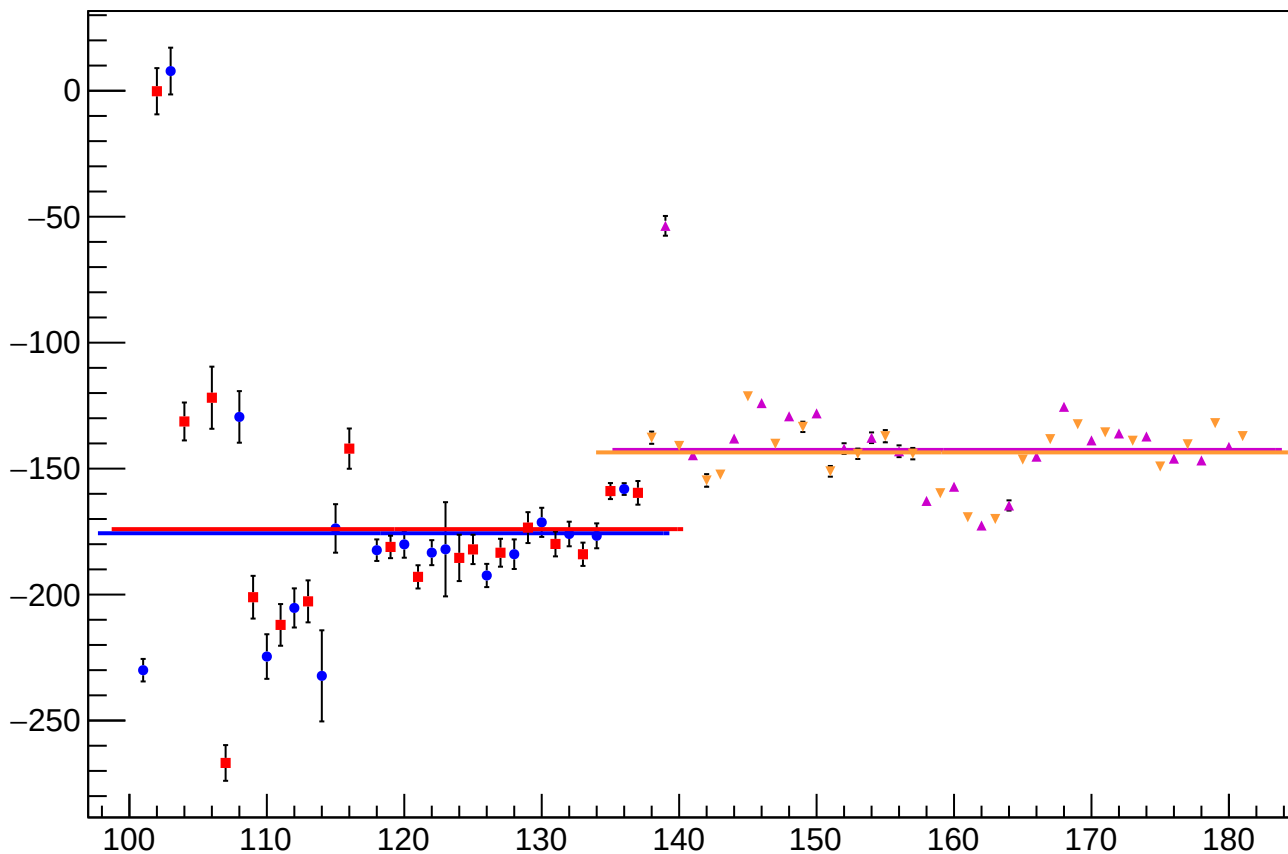
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -135.412 ± 0.421 $\chi^2/\text{NDF}: 2299.3/37$

Out: -133.455 ± 0.406 $\chi^2/\text{NDF}: 2496.7/40$

All: -134.396 ± 0.292 $\chi^2/\text{NDF}: 4807.2/78$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.558 ± 0.369 χ^2/NDF : 1018.4/22

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: -143.085 ± 0.266 χ^2/NDF : 2562.1/43

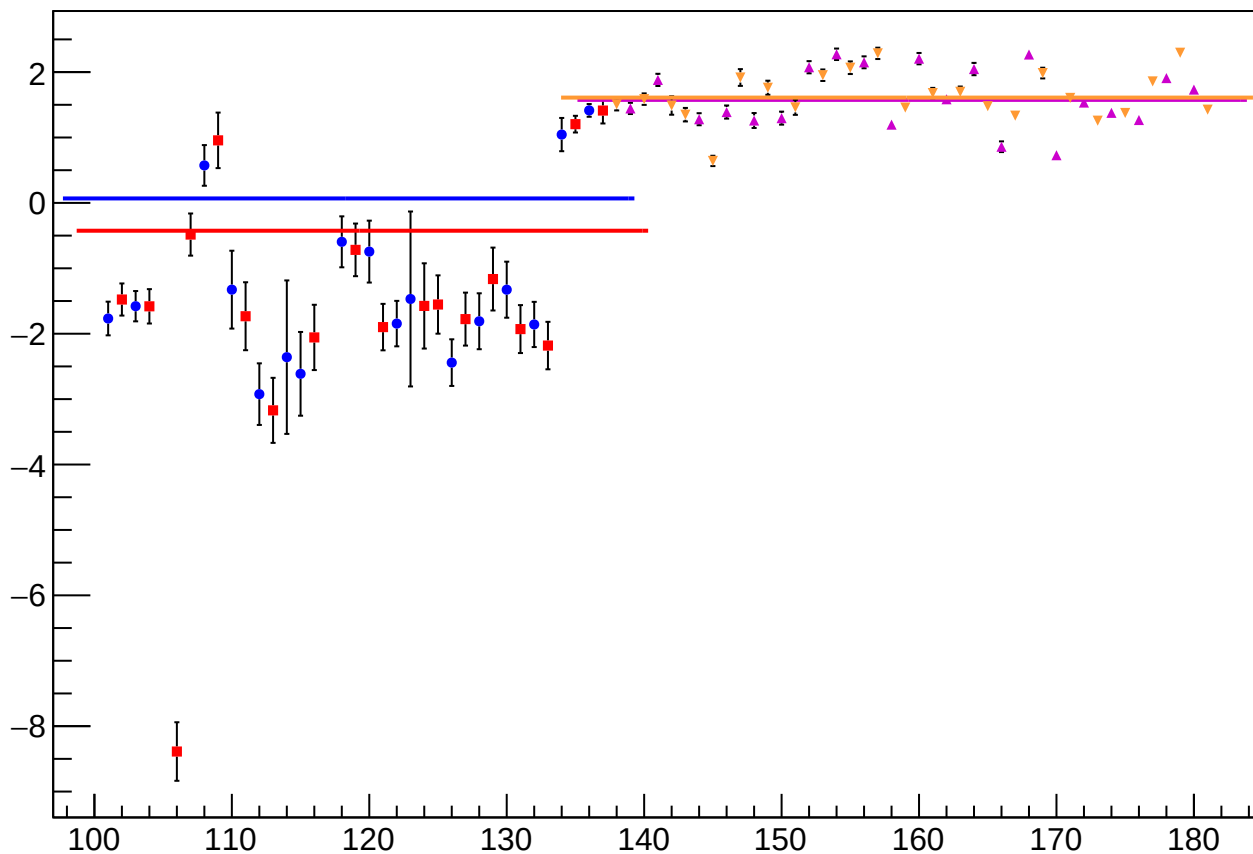
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.345 ± 0.367 χ^2/NDF : 2854.7/37

Out: -145.665 ± 0.356 χ^2/NDF : 2192.3/40

All: -145.510 ± 0.256 χ^2/NDF : 5047.4/78

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.610 $\pm$ 0.017 χ^2 /NDF:463.4/22

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.575 $\pm$ 0.017 χ^2 /NDF:653.0/20

Left: 1.593 $\pm$ 0.012 χ^2 /NDF: 1118.5/43

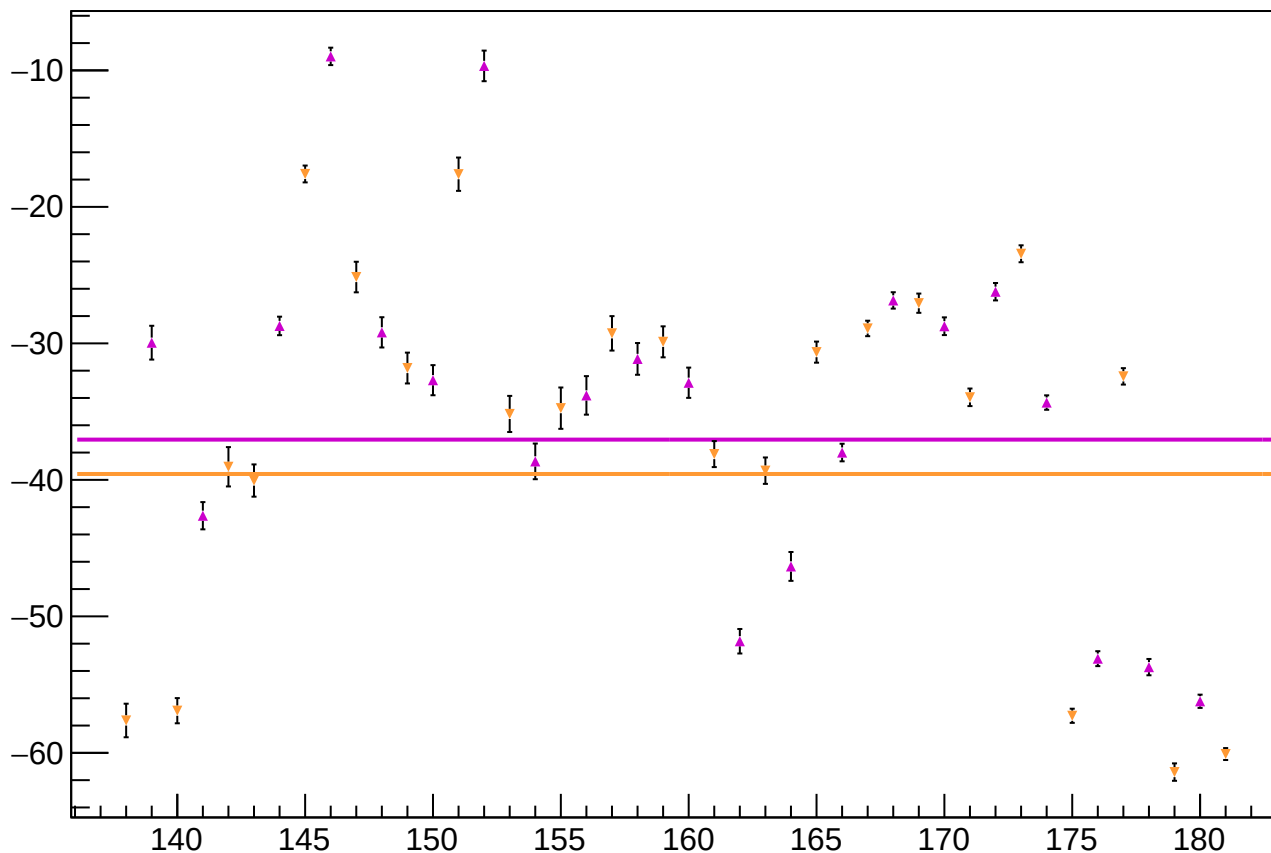
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.480 $\pm$ 0.017 χ^2 /NDF:1652.4/37

Out: 1.500 $\pm$ 0.017 χ^2 /NDF:1978.5/40

All: 1.490 $\pm$ 0.012 χ^2 /NDF: 3631.7/78

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

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: -38.326+/-0.115 χ^2/NDF : 16064.6/43

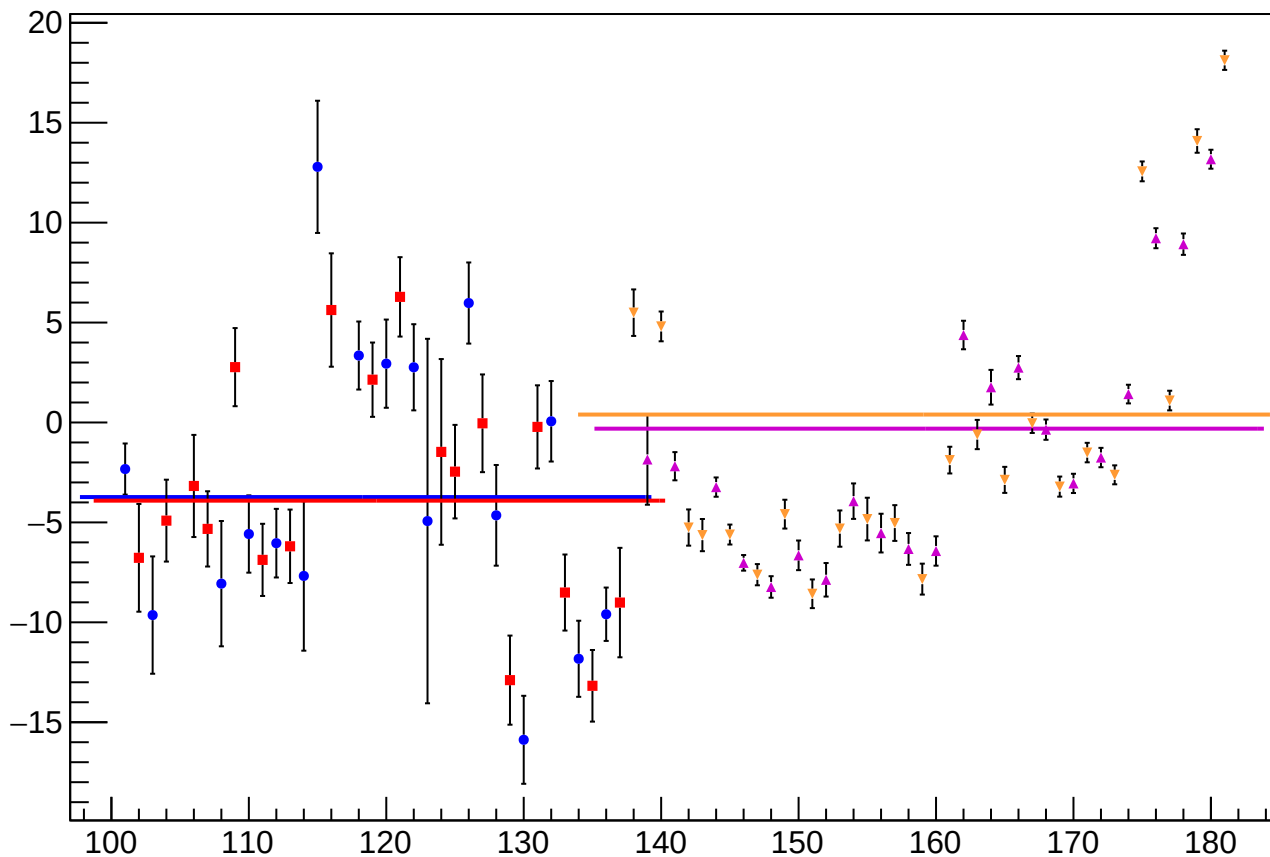
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.051+/-0.163 χ^2/NDF : 7172.5/20

Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

All: -38.326+/-0.115 χ^2/NDF : 16064.6/43

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.397 ± 0.129 χ^2/NDF : 3587.1/22

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -0.309 ± 0.128 χ^2/NDF : 2484.6/20

Left: 0.043 ± 0.091 χ^2/NDF : 6086.8/43

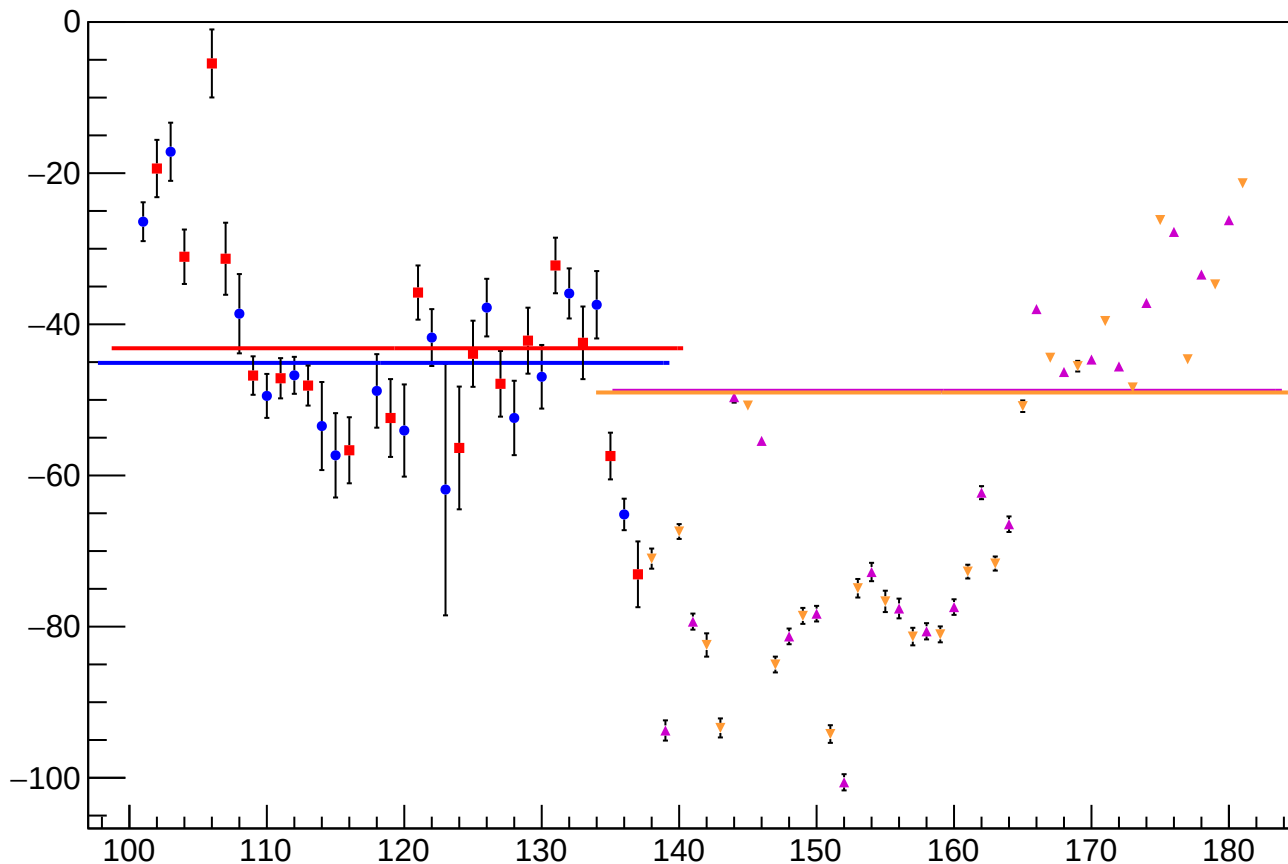
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -0.524 ± 0.124 χ^2/NDF : 2695.1/37

Out: 0.136 ± 0.125 χ^2/NDF : 3779.7/40

All: -0.195 ± 0.088 χ^2/NDF : 6488.9/78

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -49.018 ± 0.162 χ^2/NDF : 16095.9/22

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: -48.907 ± 0.115 χ^2/NDF : 30485.3/43

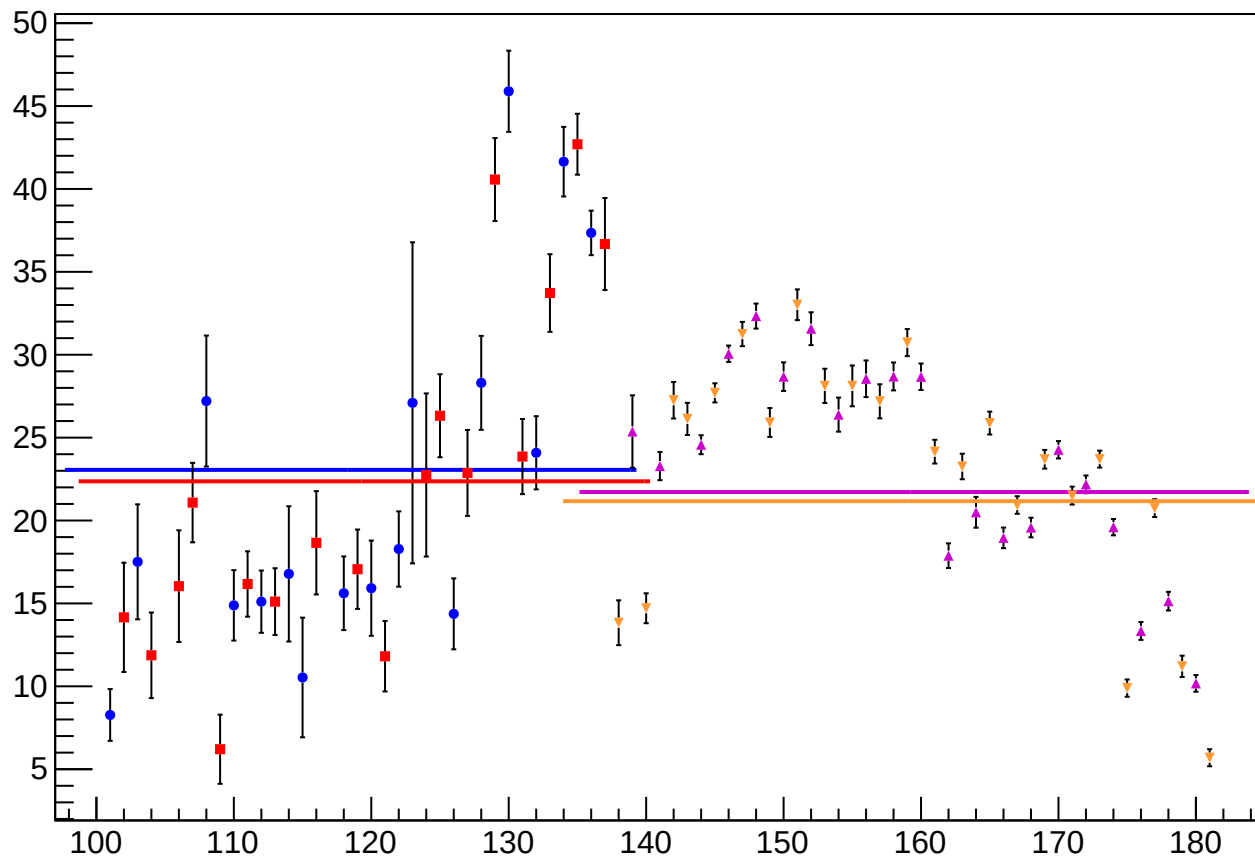
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -48.672 ± 0.161 χ^2/NDF : 14635.9/37

Out: -48.826 ± 0.160 χ^2/NDF : 16371.7/40

All: -48.750 ± 0.113 χ^2/NDF : 31008.1/78

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 21.168 ± 0.144 $\chi^2/\text{NDF}: 2623.7/22$

Right Out: 22.365 ± 0.573 $\chi^2/\text{NDF}: 368.8/17$

Left In: 21.719 ± 0.145 $\chi^2/\text{NDF}: 1887.4/20$

Left: 21.443 ± 0.102 $\chi^2/\text{NDF}: 4518.4/43$

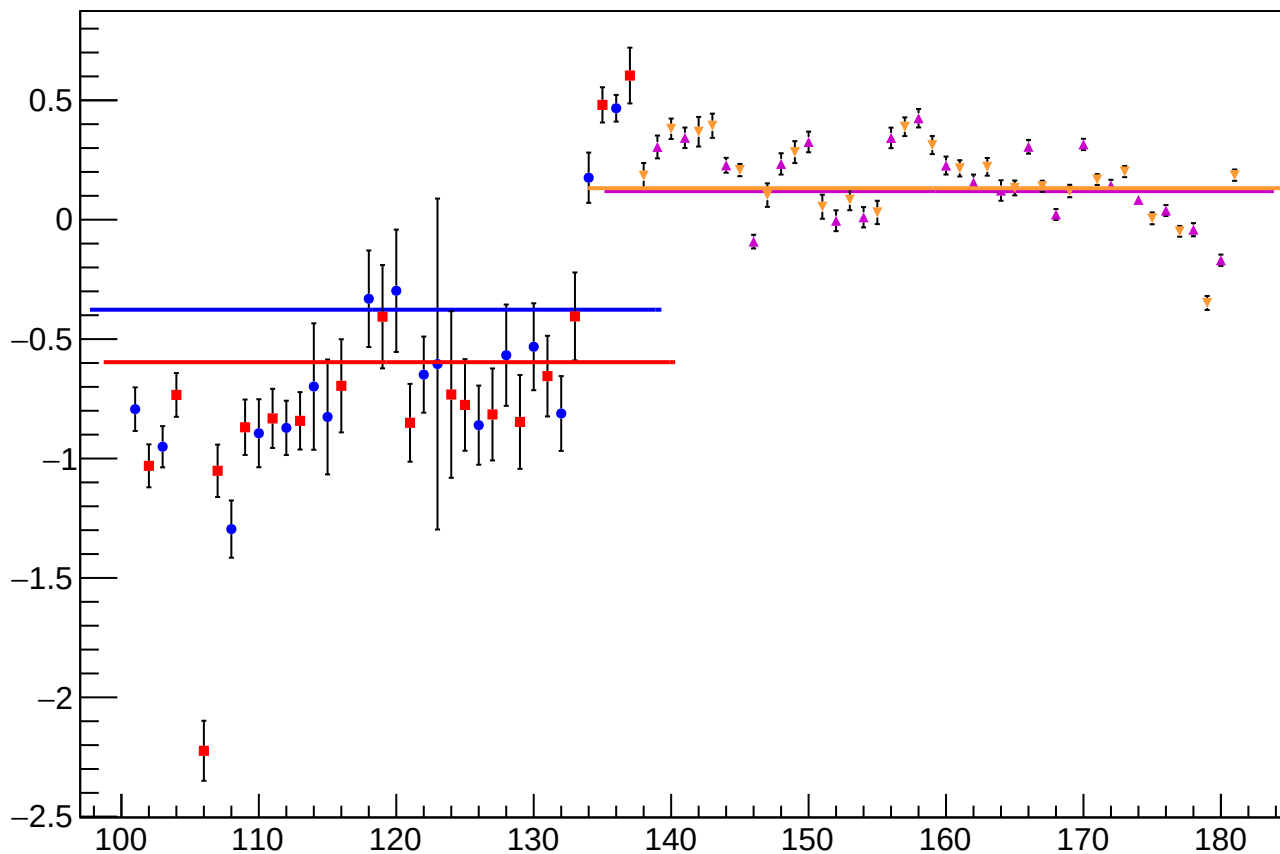
Right: 22.720 ± 0.399 $\chi^2/\text{NDF}: 830.6/34$

In: 21.803 ± 0.140 $\chi^2/\text{NDF}: 2353.9/37$

Out: 21.240 ± 0.140 $\chi^2/\text{NDF}: 2996.6/40$

All: 21.521 ± 0.099 $\chi^2/\text{NDF}: 5358.6/78$

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.132 ± 0.007 χ^2/NDF : 556.0/22

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.120 ± 0.007 χ^2/NDF : 577.7/20

Left: 0.126 ± 0.005 χ^2/NDF : 1135.4/43

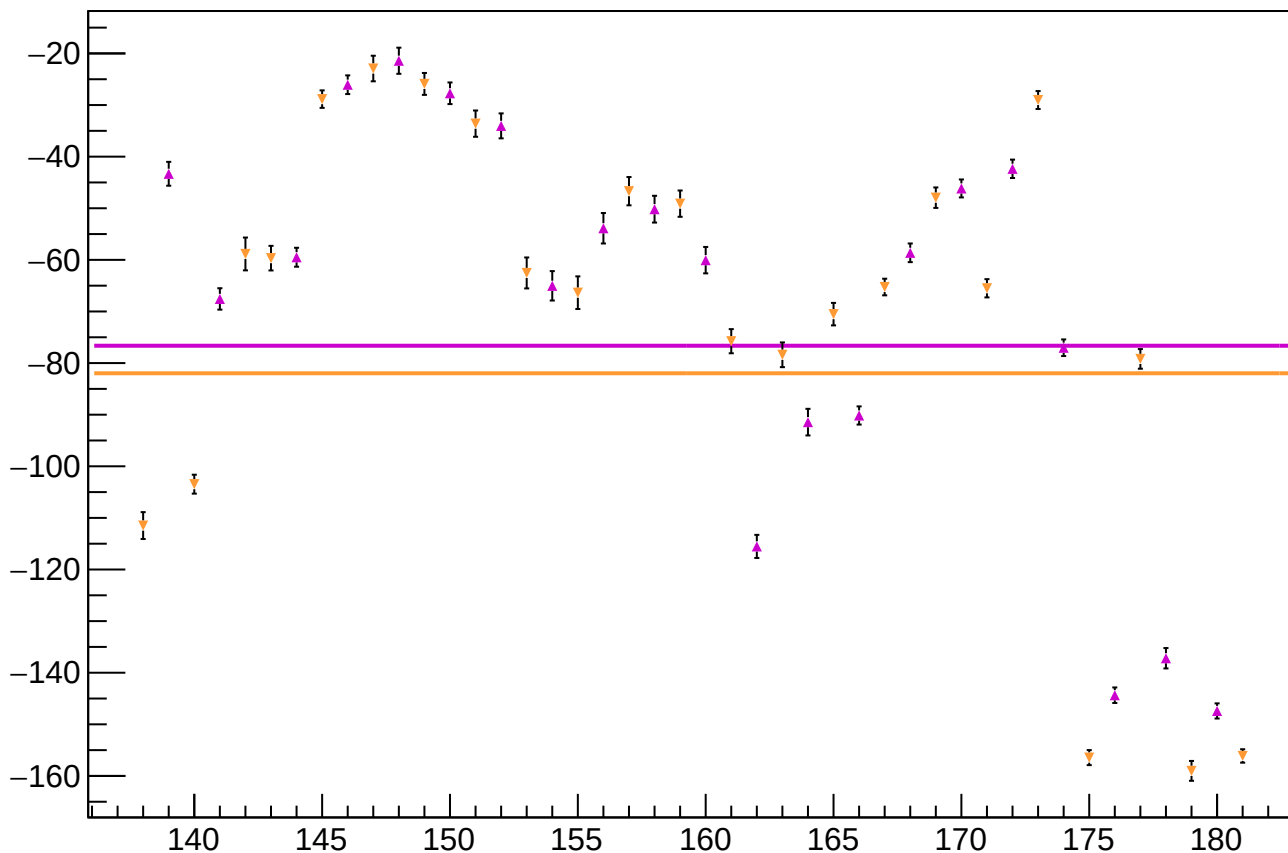
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.097 ± 0.006 χ^2/NDF : 1274.6/37

Out: 0.099 ± 0.006 χ^2/NDF : 1660.9/40

All: 0.098 ± 0.005 χ^2/NDF : 2935.5/78

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

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: -79.376+/-0.303 χ^2/NDF : 21526.6/43

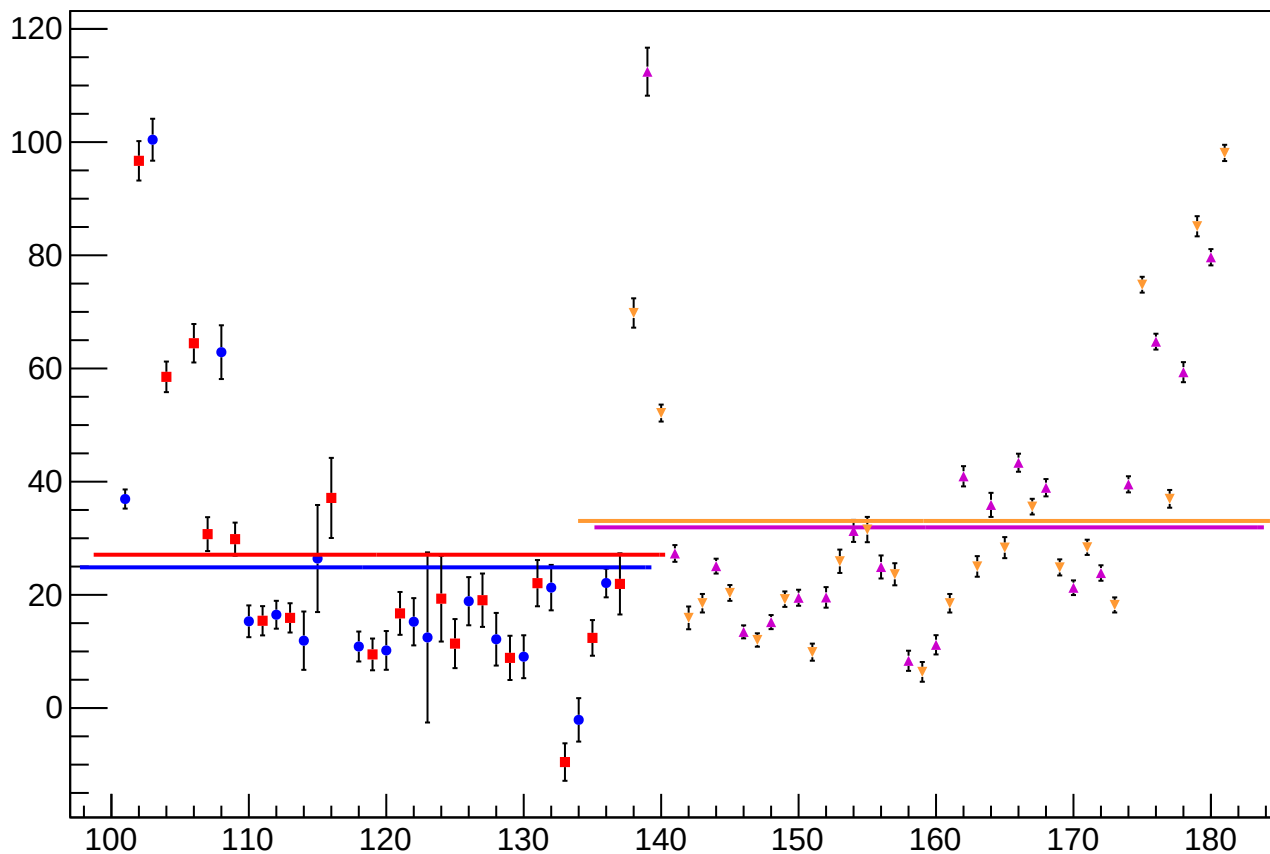
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -76.638+/-0.435 χ^2/NDF :9106.0/20

Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

All: -79.376+/-0.303 χ^2/NDF : 21526.6/43

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 33.060 ± 0.329 χ^2/NDF : 5599.5/22

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: 32.509 ± 0.236 χ^2/NDF : 9021.9/43

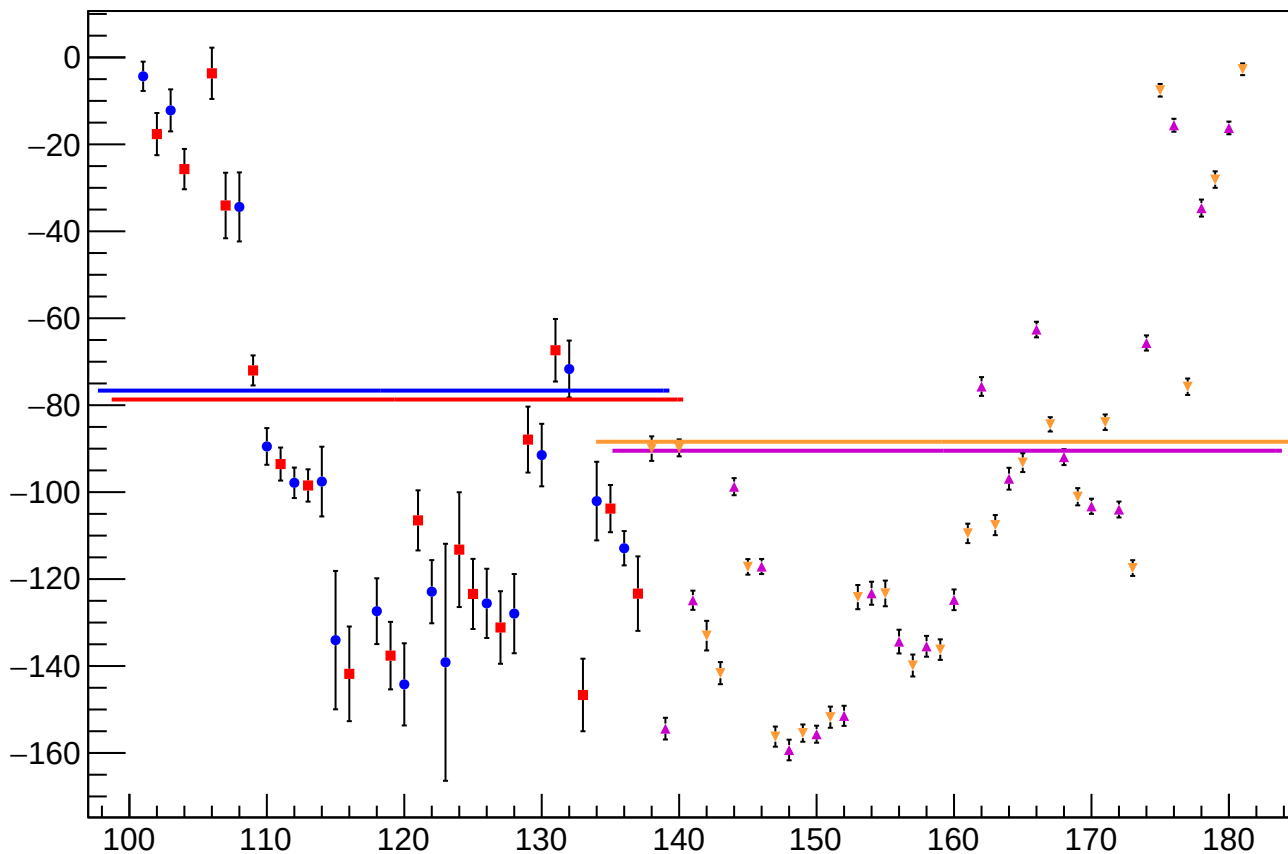
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 30.861 ± 0.312 χ^2/NDF : 4173.5/37

Out: 32.219 ± 0.305 χ^2/NDF : 6576.9/40

All: 31.555 ± 0.218 χ^2/NDF : 10760.1/78

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -88.407 ± 0.424 χ^2/NDF : 13308.4/22

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: -89.420 ± 0.303 χ^2/NDF : 24610.7/43

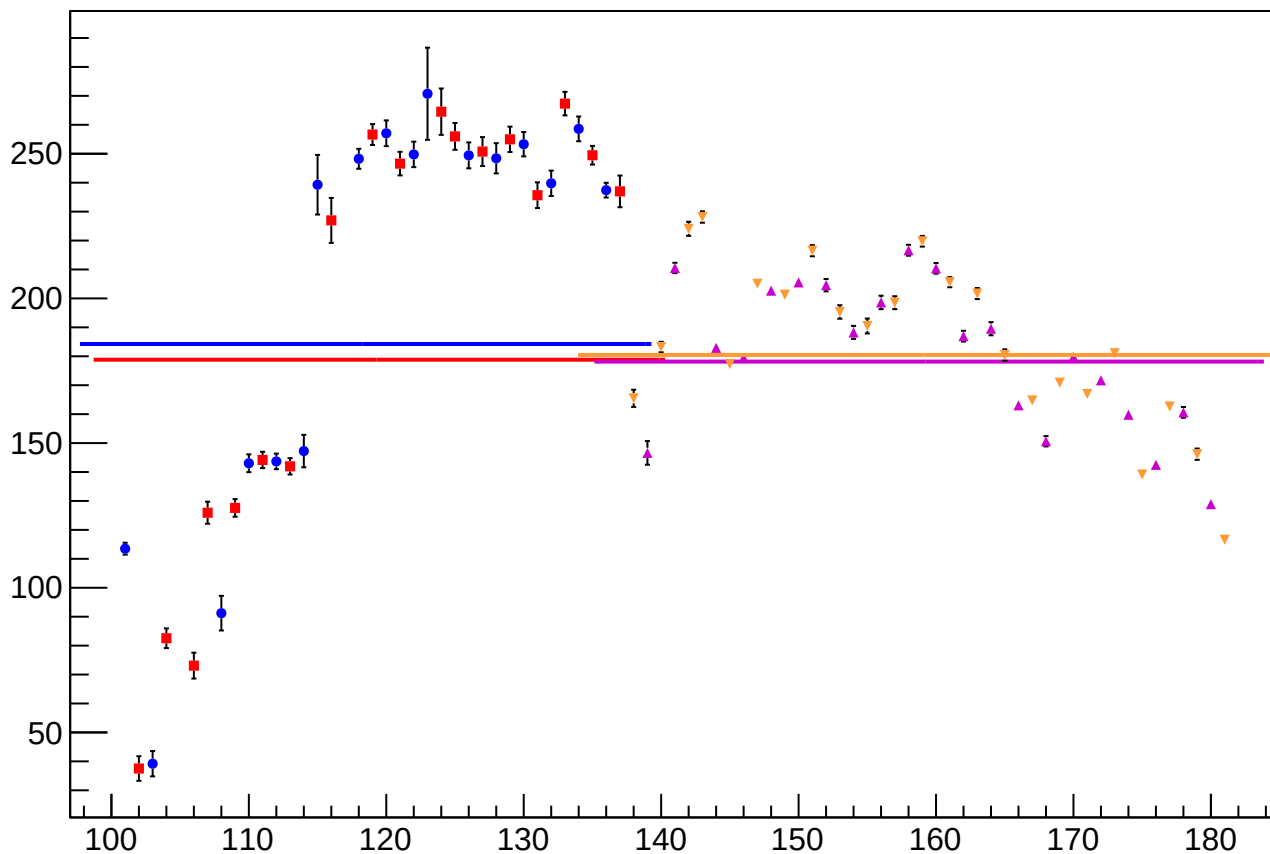
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -89.289 ± 0.414 χ^2/NDF : 12418.8/37

Out: -87.545 ± 0.405 χ^2/NDF : 14191.3/40

All: -88.397 ± 0.290 χ^2/NDF : 26619.2/78

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: 180.461 $\pm$ 0.373 χ^2 /NDF: 5748.0/22

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: 179.340 $\pm$ 0.267 χ^2 /NDF: 9843.5/43

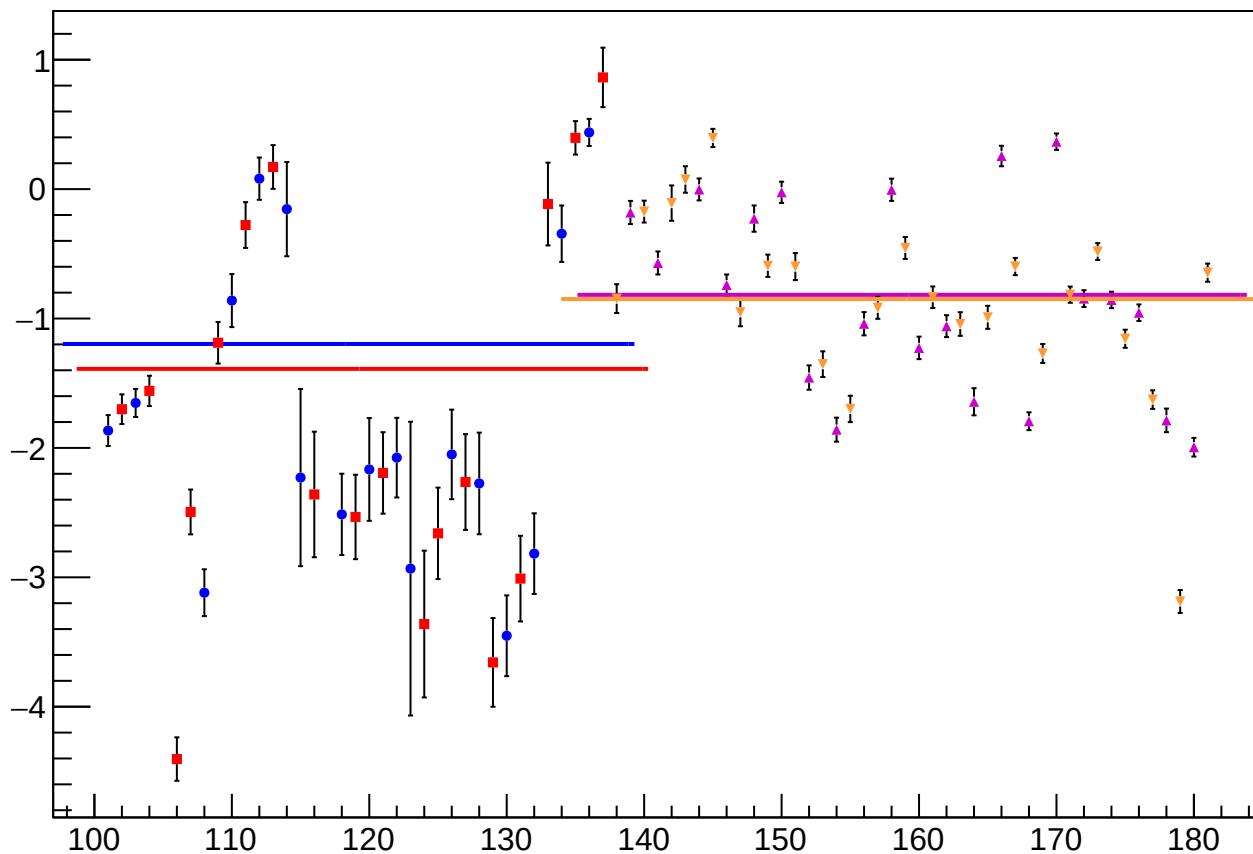
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 179.065 $\pm$ 0.353 χ^2 /NDF: 9503.2/37

Out: 180.232 $\pm$ 0.346 χ^2 /NDF: 11921.6/40

All: 179.660 $\pm$ 0.247 χ^2 /NDF: 21430.4/78

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.849 ± 0.017 χ^2/NDF : 1545.9/22

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.817 ± 0.017 χ^2/NDF : 1757.3/20

Left: -0.833 ± 0.012 χ^2/NDF : 3305.0/43

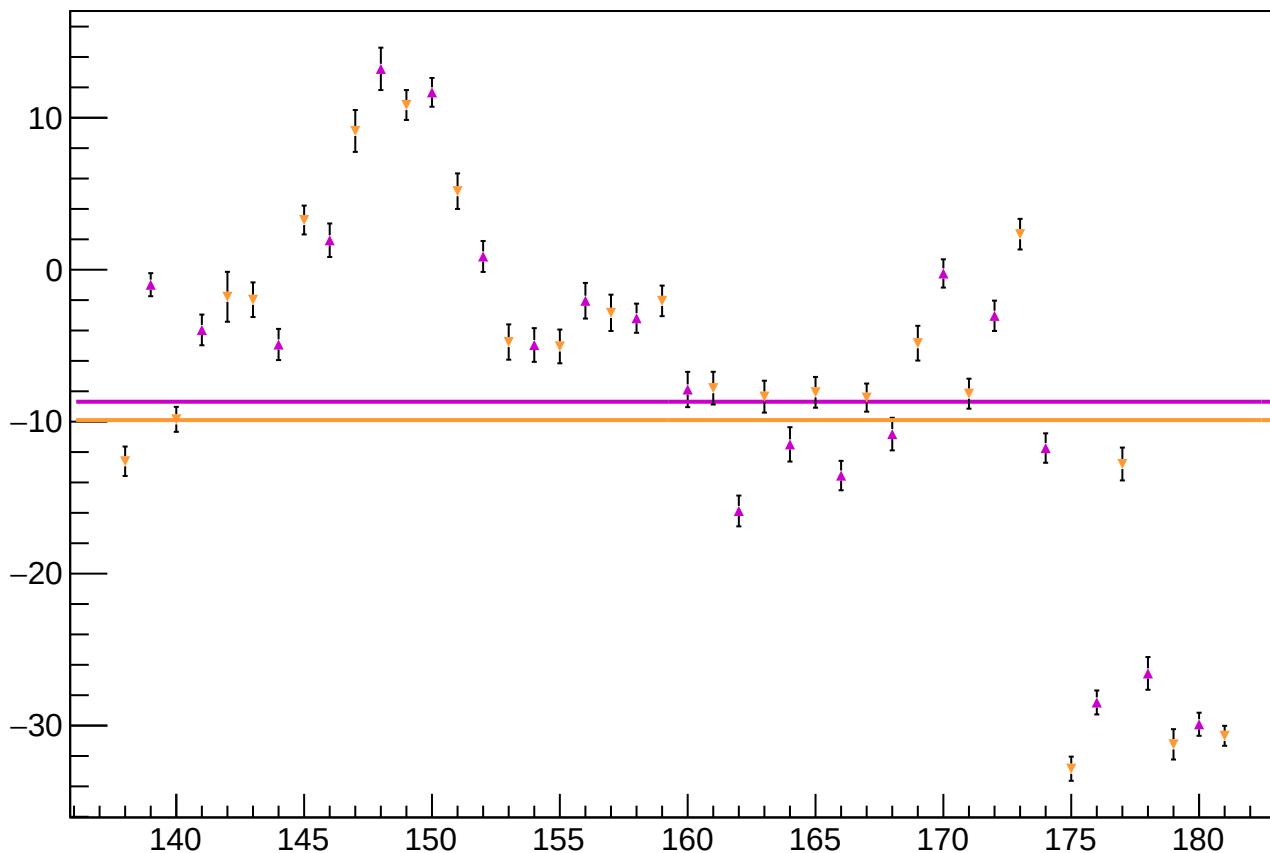
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.861 ± 0.016 χ^2/NDF : 2433.9/37

Out: -0.916 ± 0.016 χ^2/NDF : 2588.5/40

All: -0.889 ± 0.011 χ^2/NDF : 5028.1/78

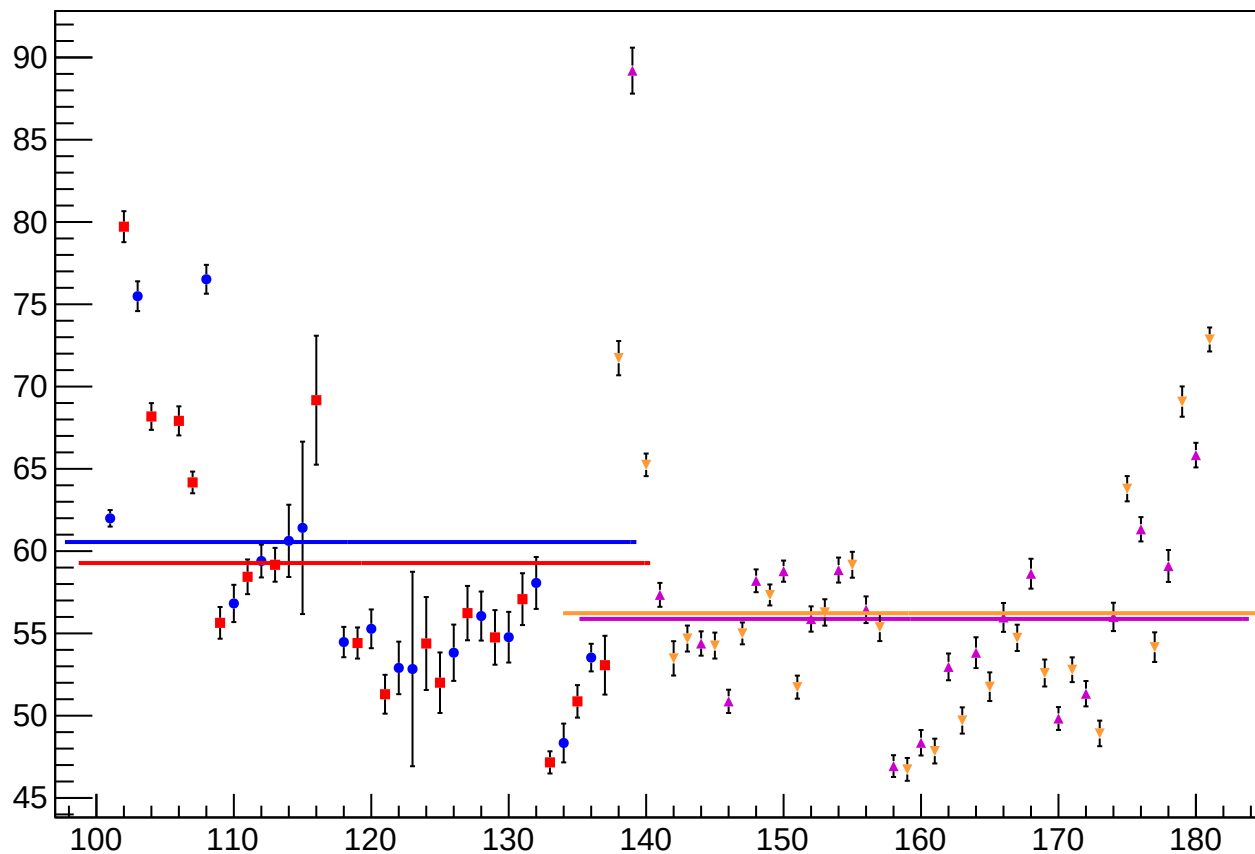
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.894+/-0.210 χ^2/NDF : 3684.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.687+/-0.215 χ^2/NDF : 2997.6/20

Left: -9.307+/-0.150 χ^2/NDF : 6697.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.687+/-0.215 χ^2/NDF : 2997.6/20
 Out: -9.894+/-0.210 χ^2/NDF : 3684.0/22
 All: -9.307+/-0.150 χ^2/NDF : 6697.7/43

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.229 ± 0.163 $\chi^2/\text{NDF}: 1828.5/22$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 55.879 ± 0.170 $\chi^2/\text{NDF}: 1331.7/20$

Left: 56.061 ± 0.118 $\chi^2/\text{NDF}: 3162.4/43$

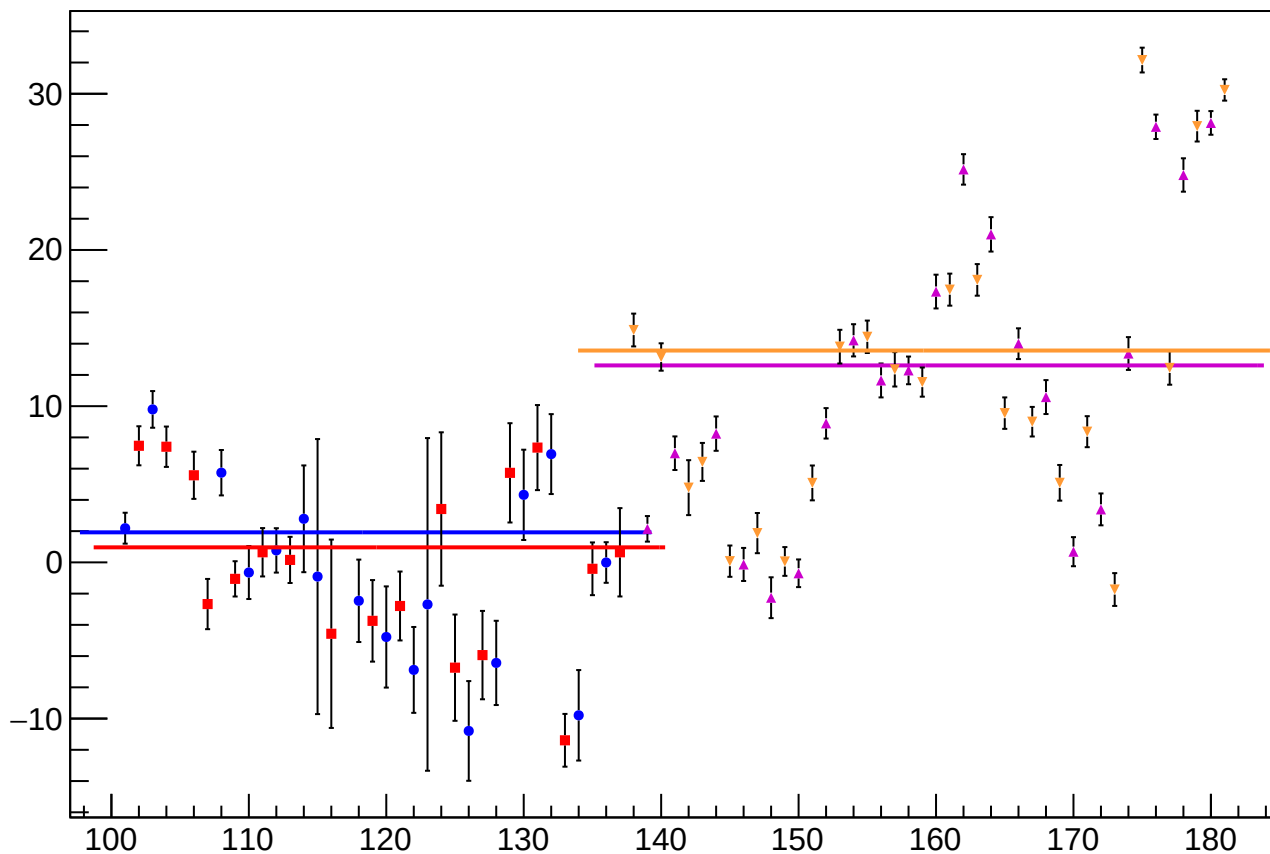
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.266 ± 0.143 $\chi^2/\text{NDF}: 2486.7/37$

Out: 57.143 ± 0.136 $\chi^2/\text{NDF}: 3208.2/40$

All: 57.202 ± 0.099 $\chi^2/\text{NDF}: 5695.3/78$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 13.562 ± 0.209 $\chi^2/\text{NDF}: 2331.1/22$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 12.609 ± 0.214 $\chi^2/\text{NDF}: 2151.3/20$

Left: 13.096 ± 0.149 $\chi^2/\text{NDF}: 4492.6/43$

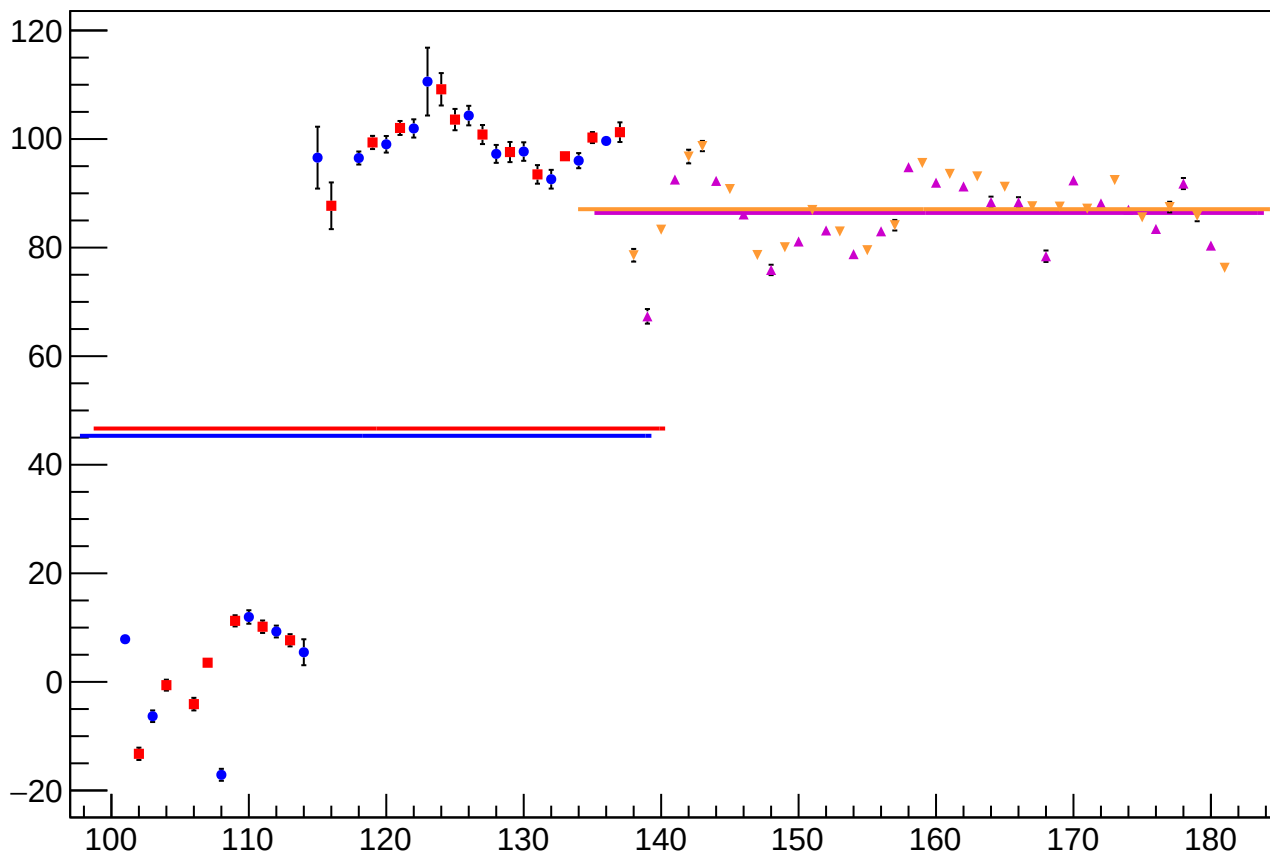
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 10.703 ± 0.194 $\chi^2/\text{NDF}: 2719.2/37$

Out: 11.152 ± 0.188 $\chi^2/\text{NDF}: 3176.6/40$

All: 10.934 ± 0.135 $\chi^2/\text{NDF}: 5898.6/78$

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: 87.076 $\pm$ 0.184 χ^2 /NDF:1084.2/22

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: 86.744 $\pm$ 0.133 χ^2 /NDF: 2114.2/43

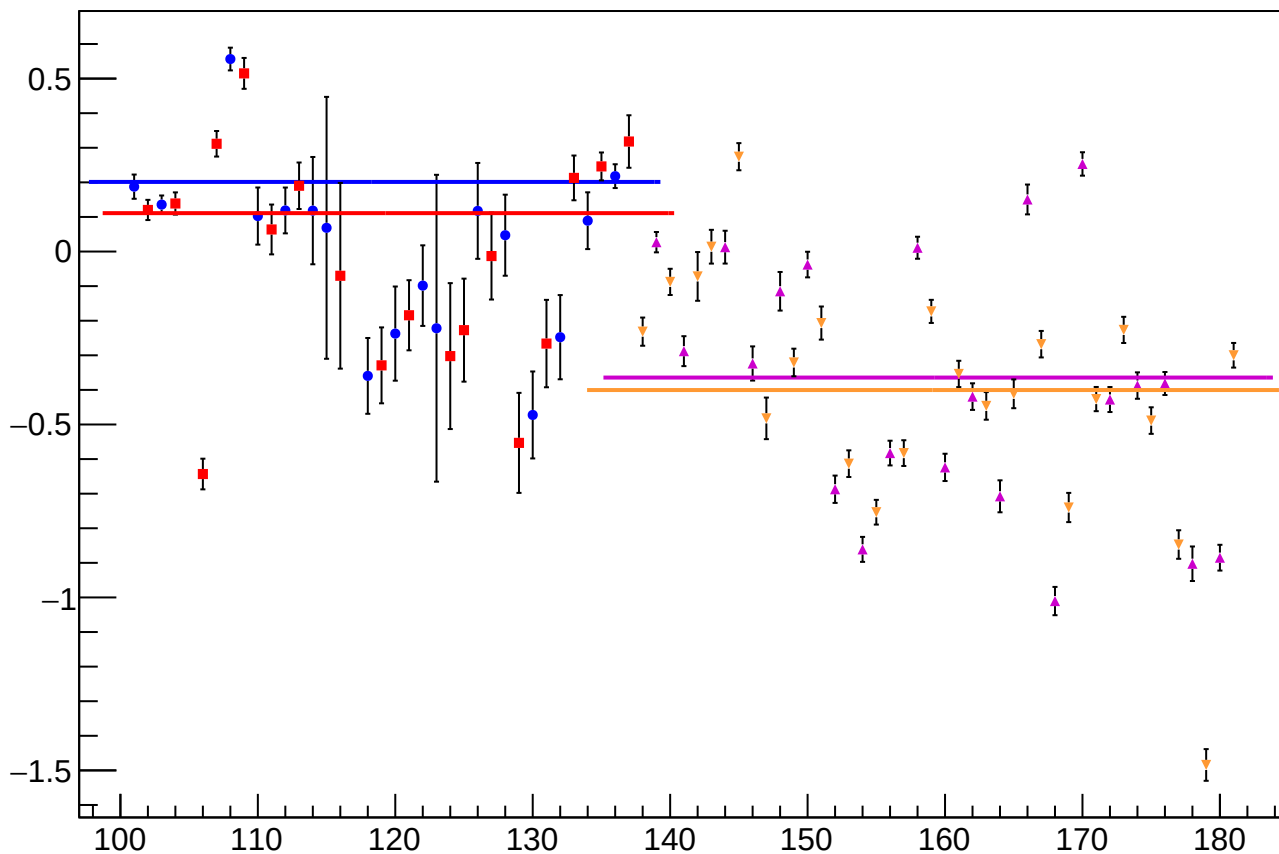
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 74.772 $\pm$ 0.161 χ^2 /NDF:39144.6/37

Out: 75.502 $\pm$ 0.156 χ^2 /NDF:42758.0/40

All: 75.150 $\pm$ 0.112 χ^2 /NDF: 81913.1/78

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.400 ± 0.008 χ^2/NDF : 1486.3/22

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: -0.382 ± 0.006 χ^2/NDF : 3410.6/43

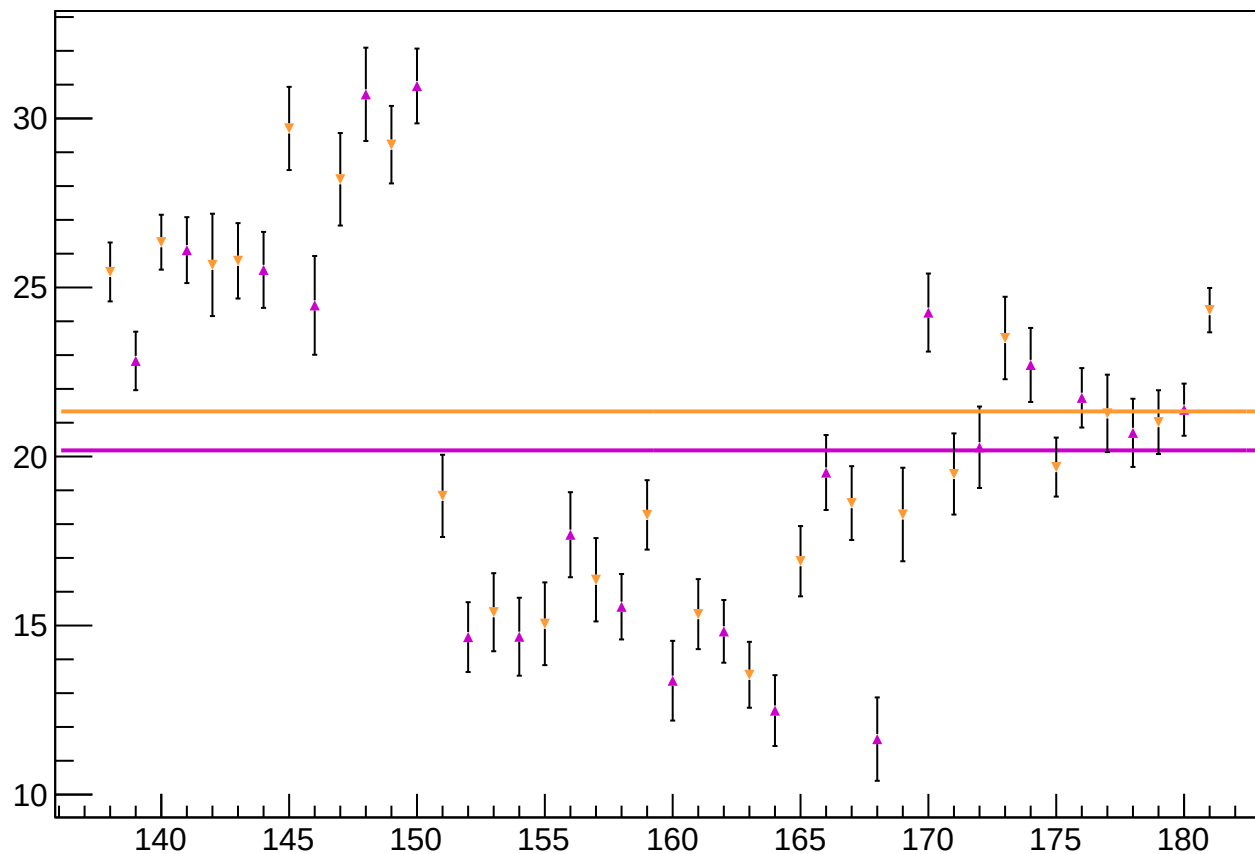
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.214 ± 0.007 χ^2/NDF : 3324.5/37

Out: -0.253 ± 0.007 χ^2/NDF : 3047.5/40

All: -0.234 ± 0.005 χ^2/NDF : 6386.2/78

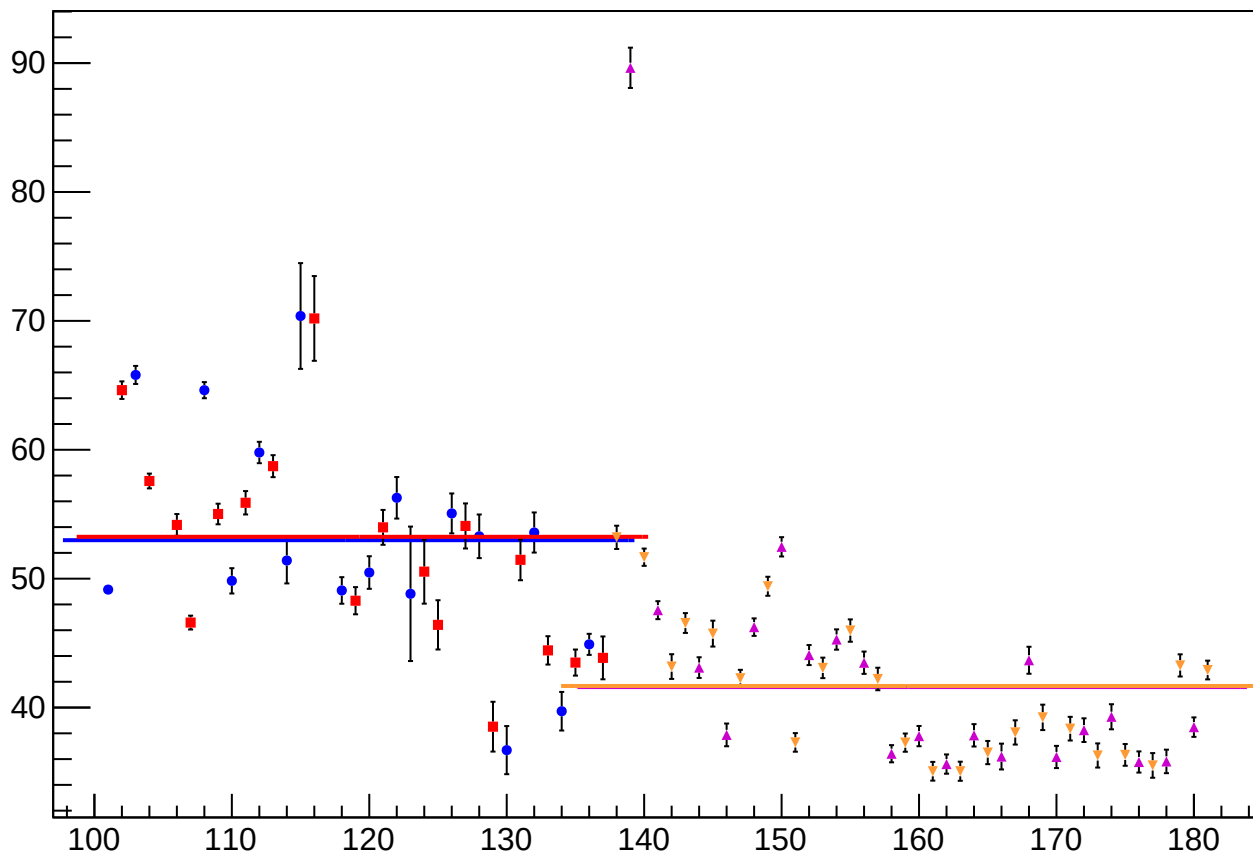
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.181 $\pm$ 0.230 χ^2 /NDF:501.5/20

Left: 20.787 $\pm$ 0.159 χ^2 /NDF: 957.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.181 $\pm$ 0.230 χ^2 /NDF:501.5/20
 Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 All: 20.787 $\pm$ 0.159 χ^2 /NDF: 957.0/43

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: 41.674 $\pm$ 0.170 χ^2 /NDF:1009.1/22

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: 41.634 $\pm$ 0.124 χ^2 /NDF: 2707.8/43

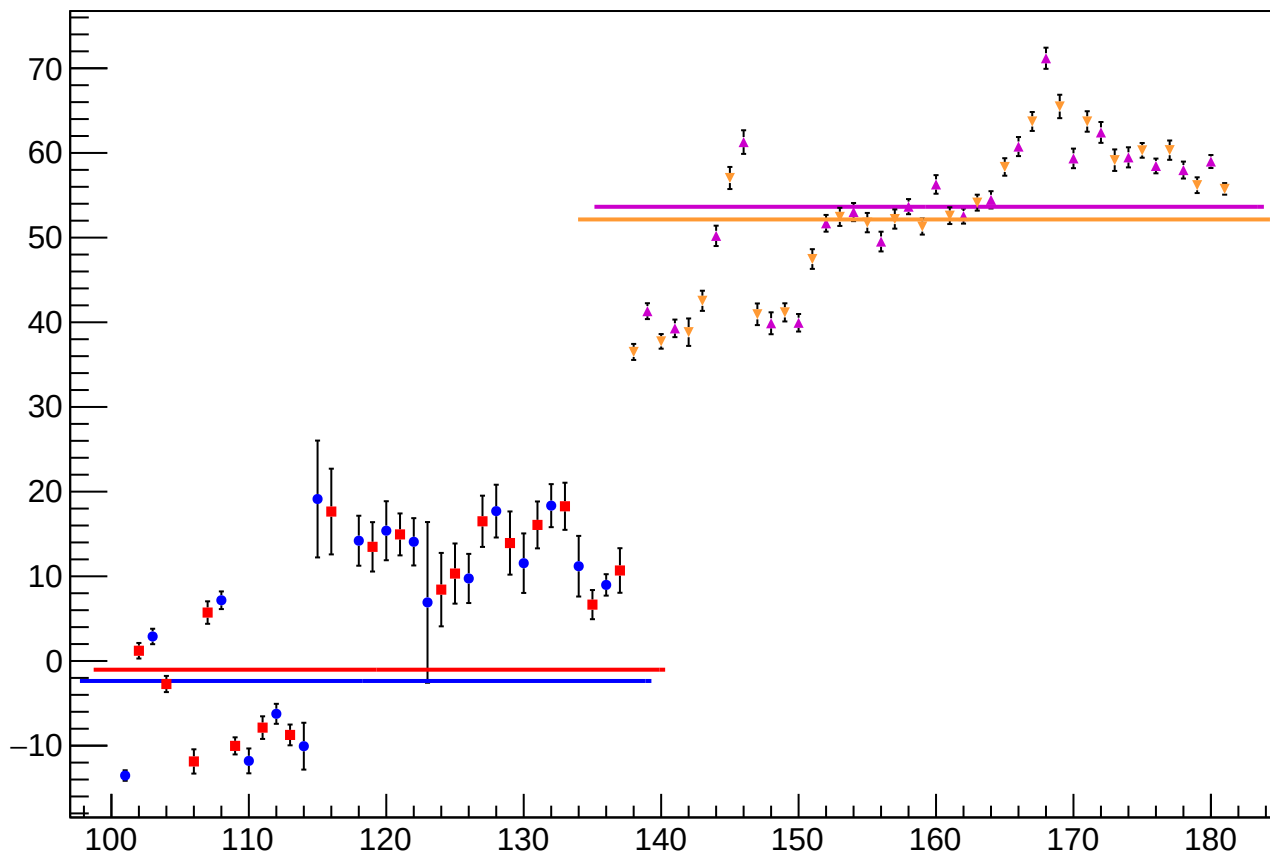
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.415 $\pm$ 0.137 χ^2 /NDF:4589.3/37

Out: 45.817 $\pm$ 0.136 χ^2 /NDF:3528.9/40

All: 46.114 $\pm$ 0.096 χ^2 /NDF: 8127.7/78

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.145 ± 0.218 χ^2/NDF : 1446.1/22

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.641 ± 0.228 χ^2/NDF : 1150.9/20

Left: 52.862 ± 0.158 χ^2/NDF : 2619.4/43

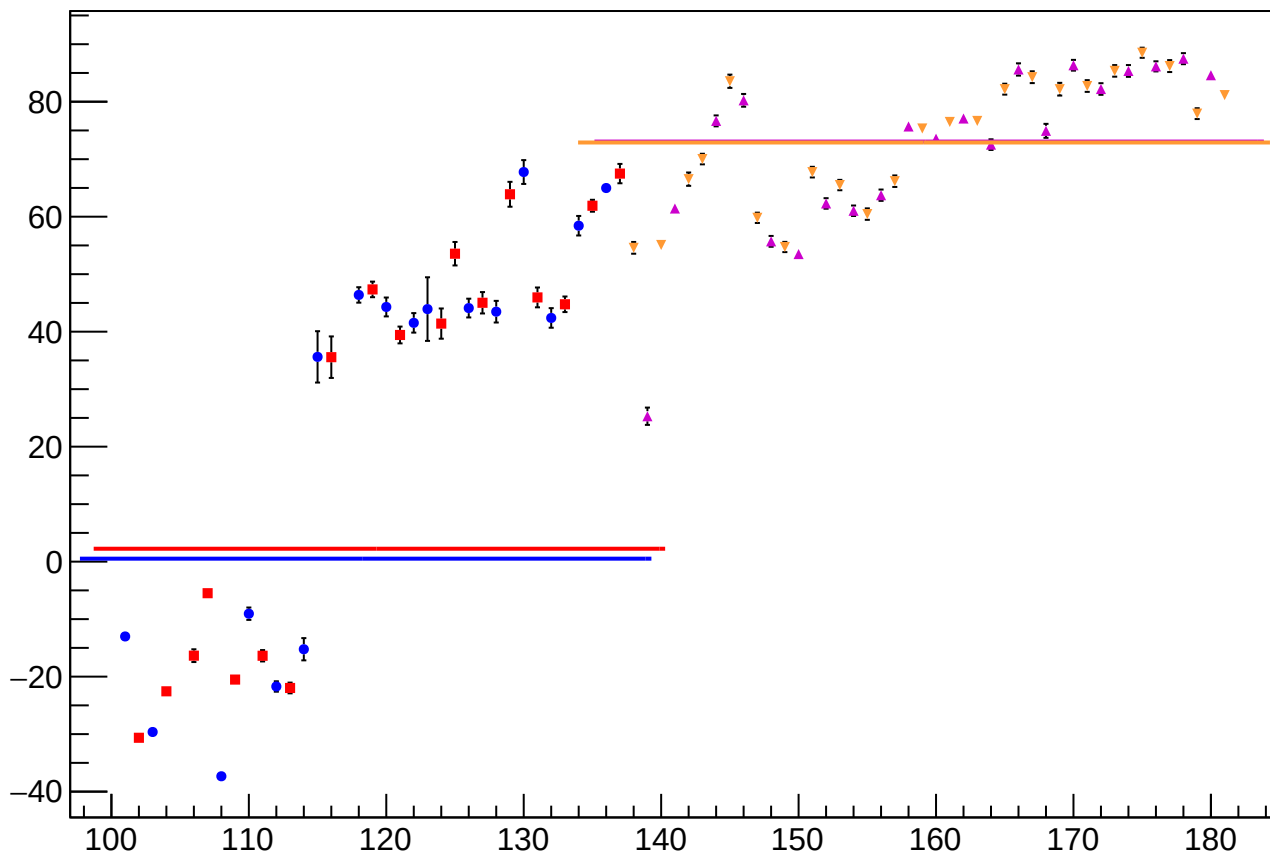
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 37.905 ± 0.193 χ^2/NDF : 18994.7/37

Out: 38.963 ± 0.189 χ^2/NDF : 16660.6/40

All: 38.445 ± 0.135 χ^2/NDF : 35670.6/78

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 72.904 ± 0.193 χ^2/NDF : 3065.6/22

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: 72.982 ± 0.139 χ^2/NDF : 6831.7/43

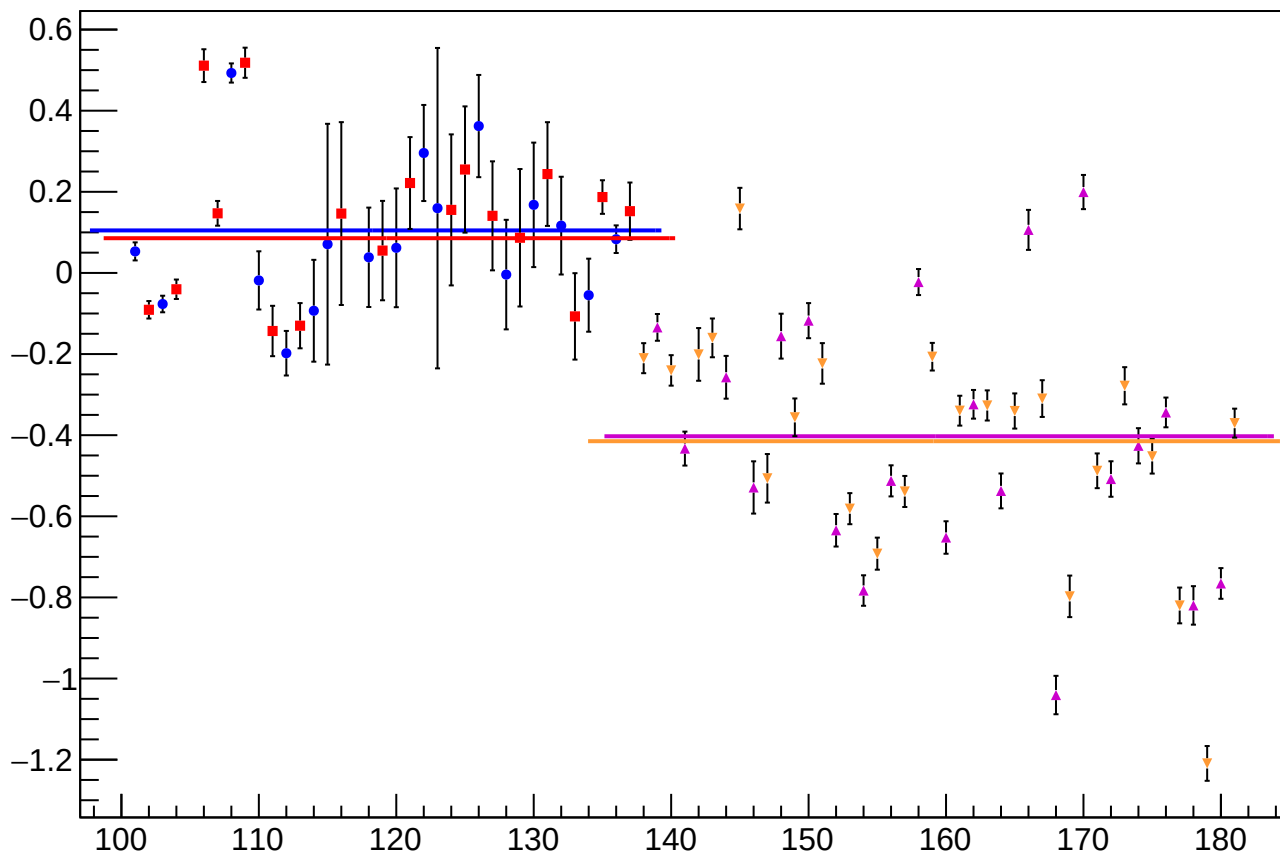
Right: 1.313 ± 0.181 χ^2/NDF : 33785.6/34

In: 43.929 ± 0.156 χ^2/NDF : 73804.1/37

Out: 48.781 ± 0.156 χ^2/NDF : 64426.3/40

All: 46.359 ± 0.111 χ^2/NDF : 138712.0/78

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.415 ± 0.009 χ^2/NDF : 867.6/22

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.403 ± 0.009 χ^2/NDF : 1149.1/20

Left: -0.409 ± 0.006 χ^2/NDF : 2017.6/43

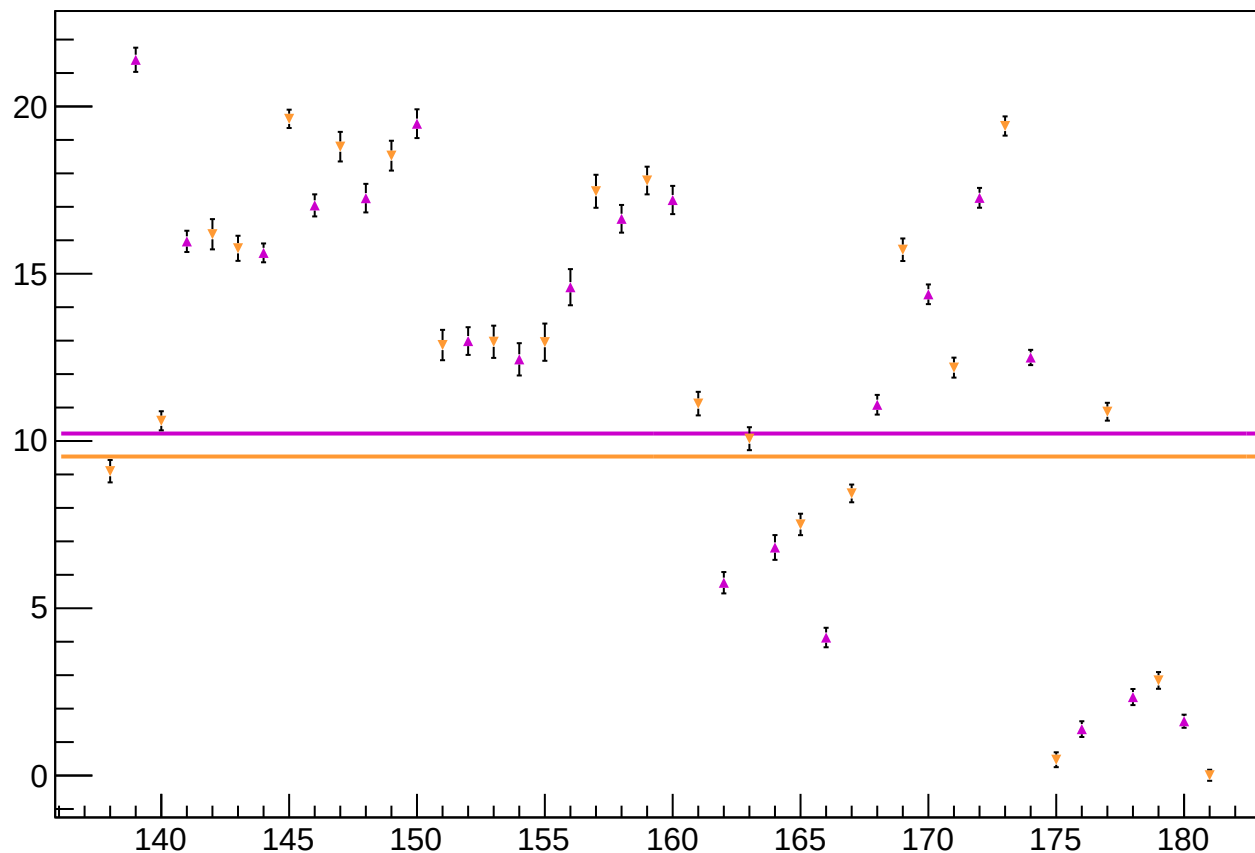
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.199 ± 0.007 χ^2/NDF : 2816.0/37

Out: -0.220 ± 0.007 χ^2/NDF : 2501.3/40

All: -0.210 ± 0.005 χ^2/NDF : 5321.9/78

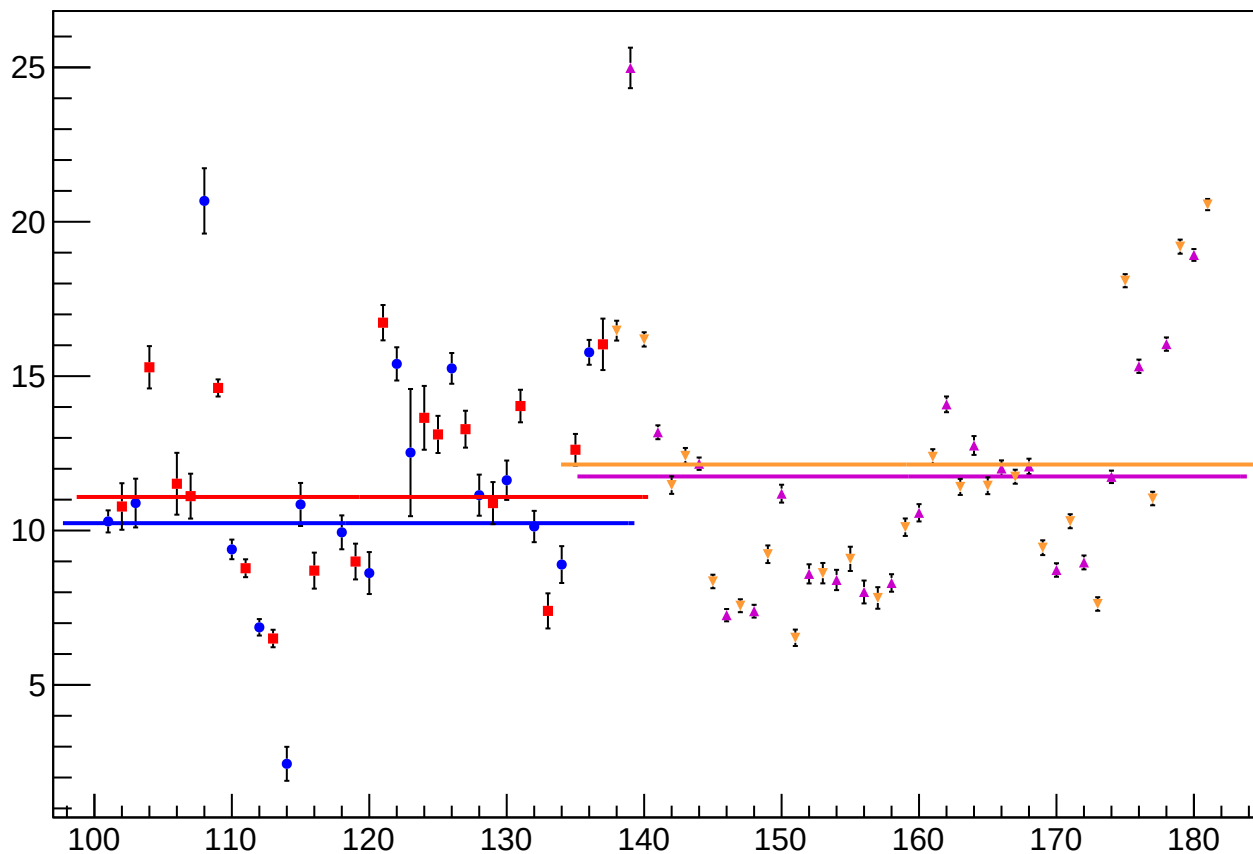
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



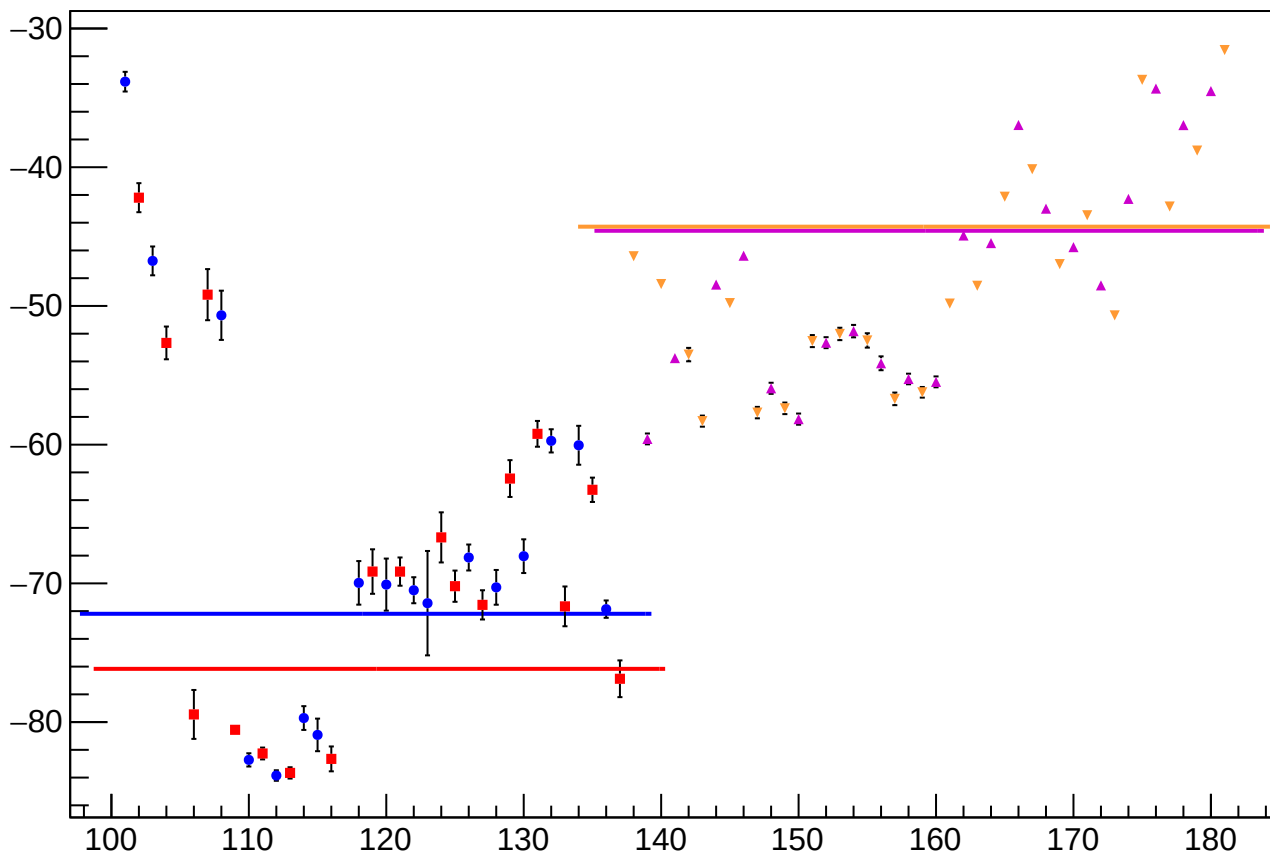
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.536 $\pm$ 0.065 χ^2 /NDF:10916.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 10.223 $\pm$ 0.068 χ^2 /NDF:9451.5/20

Left: 9.865 $\pm$ 0.047 χ^2 /NDF: 20422.1/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 10.223 $\pm$ 0.068 χ^2 /NDF:9451.5/20
 Out: 9.536 $\pm$ 0.065 χ^2 /NDF:10916.7/22
 All: 9.865 $\pm$ 0.047 χ^2 /NDF: 20422.1/43

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: -44.286 ± 0.065 $\chi^2/\text{NDF}: 16348.8/22$

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: -44.428 ± 0.047 $\chi^2/\text{NDF}: 29880.1/43$

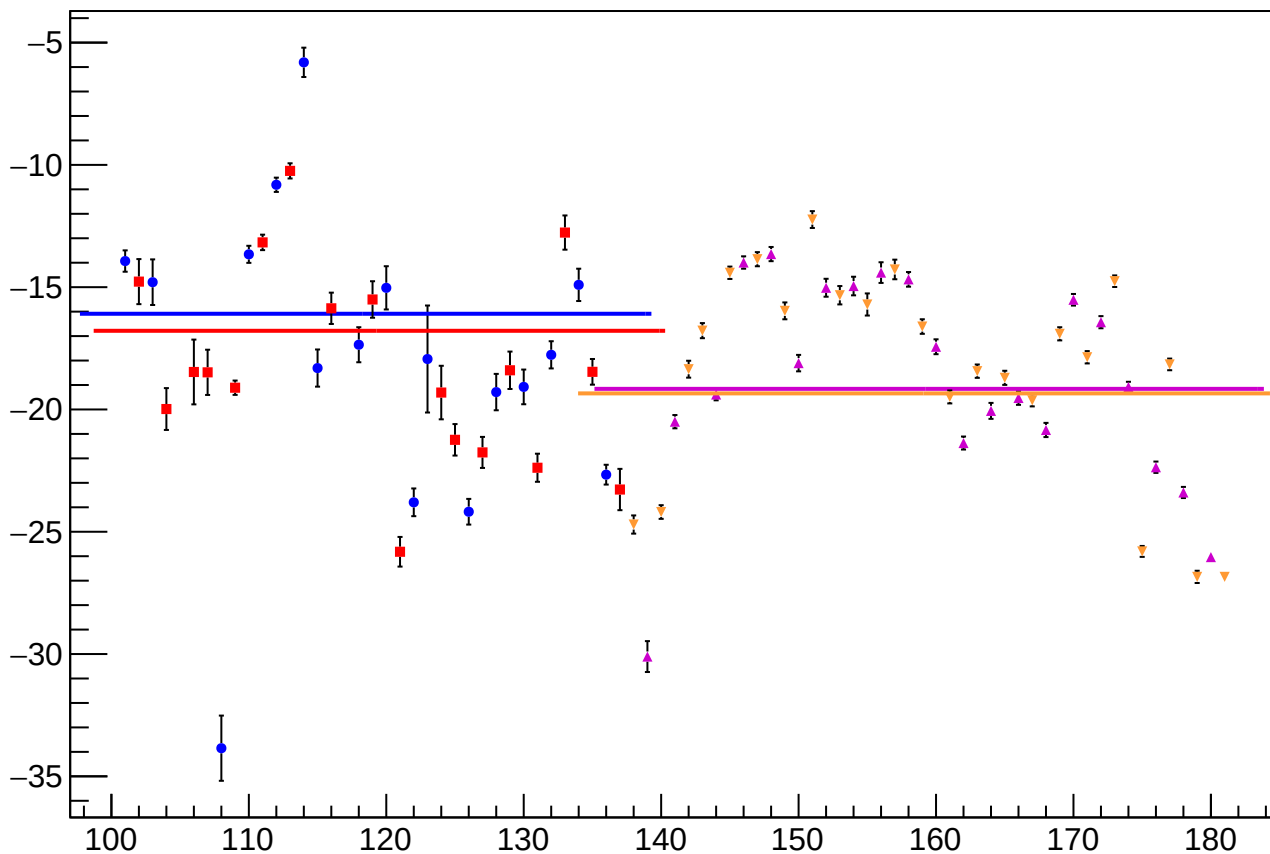
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -47.457 ± 0.064 $\chi^2/\text{NDF}: 36480.6/37$

Out: -47.941 ± 0.061 $\chi^2/\text{NDF}: 46958.9/40$

All: -47.709 ± 0.044 $\chi^2/\text{NDF}: 83469.4/78$

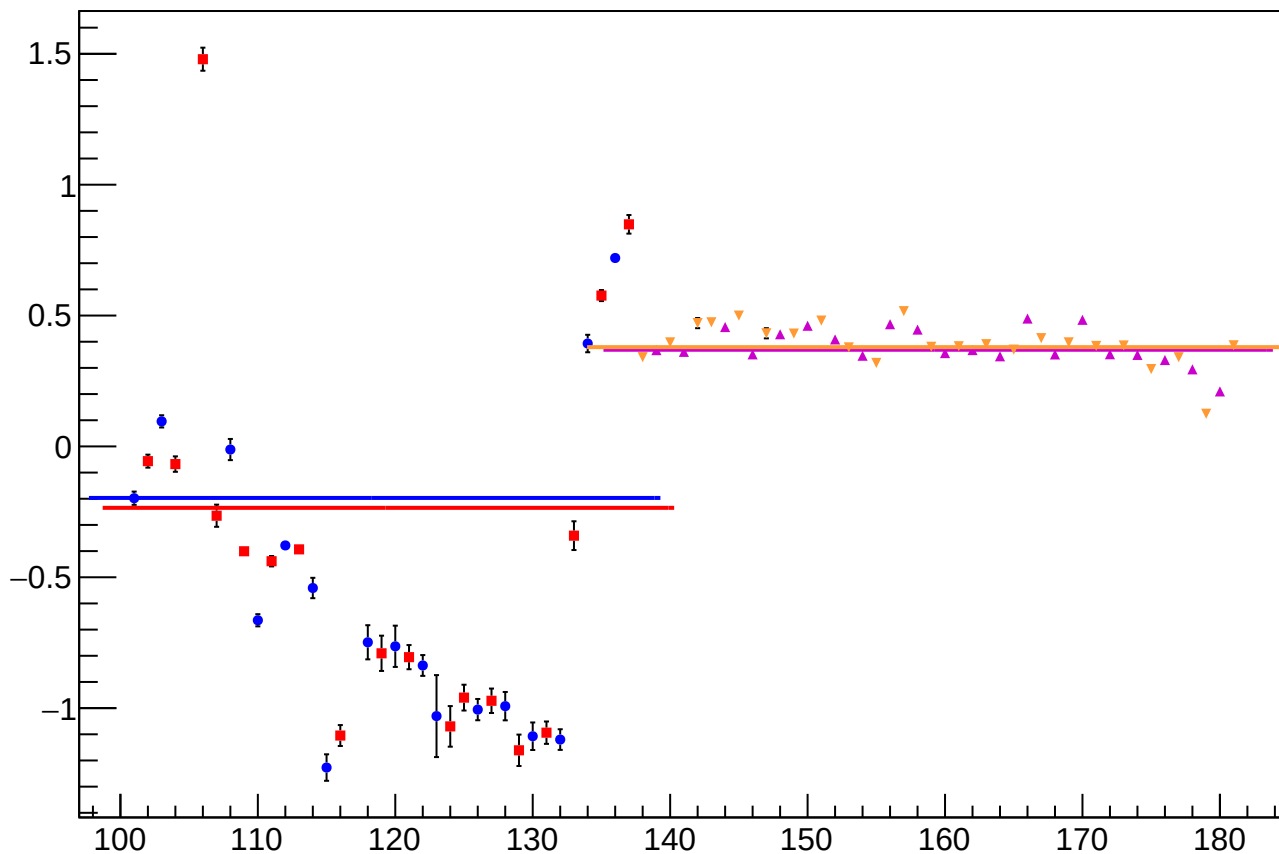
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16
 Left Out: -19.343 ± 0.058 χ^2/NDF : 6020.2/22
 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: -19.253 ± 0.042 χ^2/NDF : 9910.3/43
 Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34
 In: -18.634 ± 0.055 χ^2/NDF : 5953.0/37
 Out: -18.907 ± 0.053 χ^2/NDF : 7555.2/40
 All: -18.775 ± 0.038 χ^2/NDF : 13520.9/78

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 : 900.5/22

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 : 1613.3/43

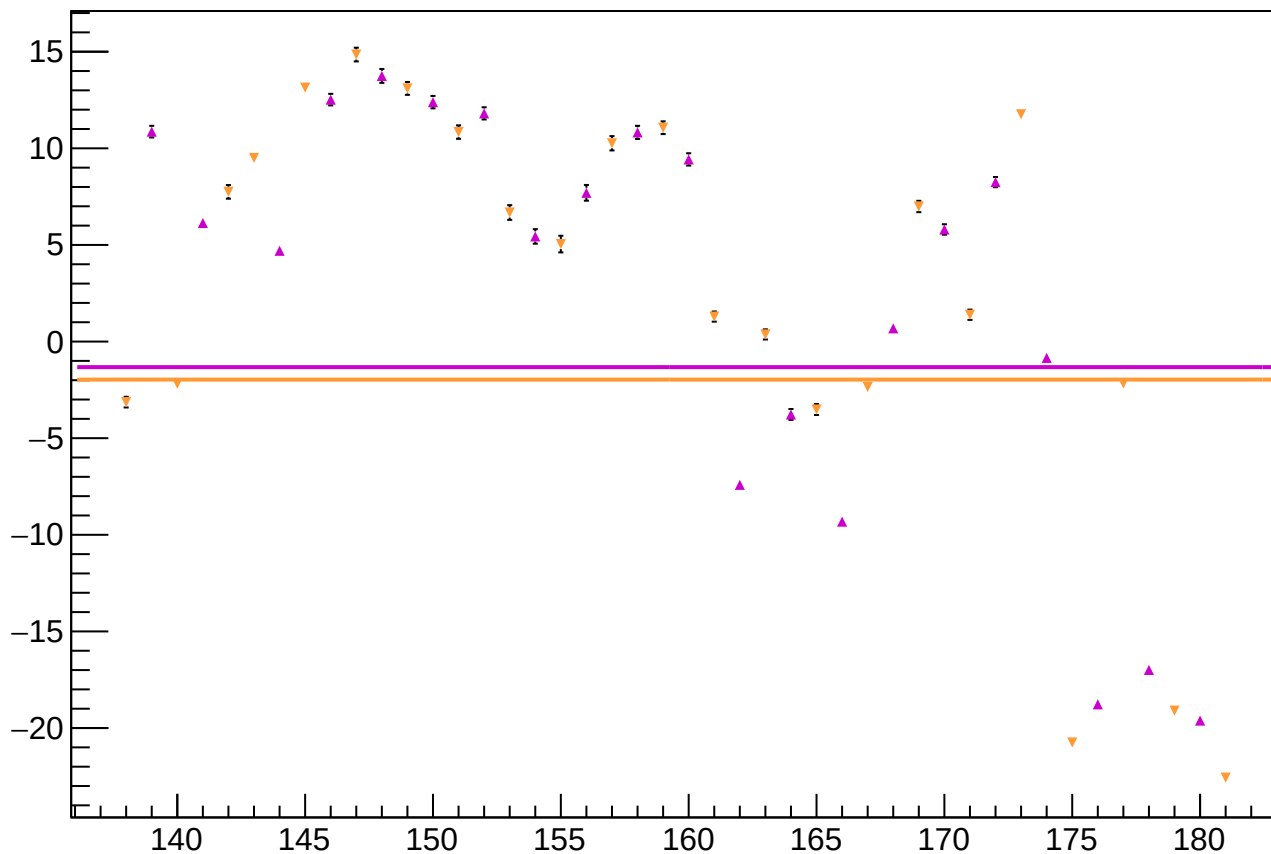
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.303 ± 0.003 χ^2/NDF : 12005.5/37

Out: 0.304 ± 0.003 χ^2/NDF : 13505.1/40

All: 0.304 ± 0.002 χ^2/NDF : 25510.7/78

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.323+/-0.058 χ^2/NDF : 39007.8/20

Left: -1.661+/-0.040 χ^2/NDF : 89622.4/43

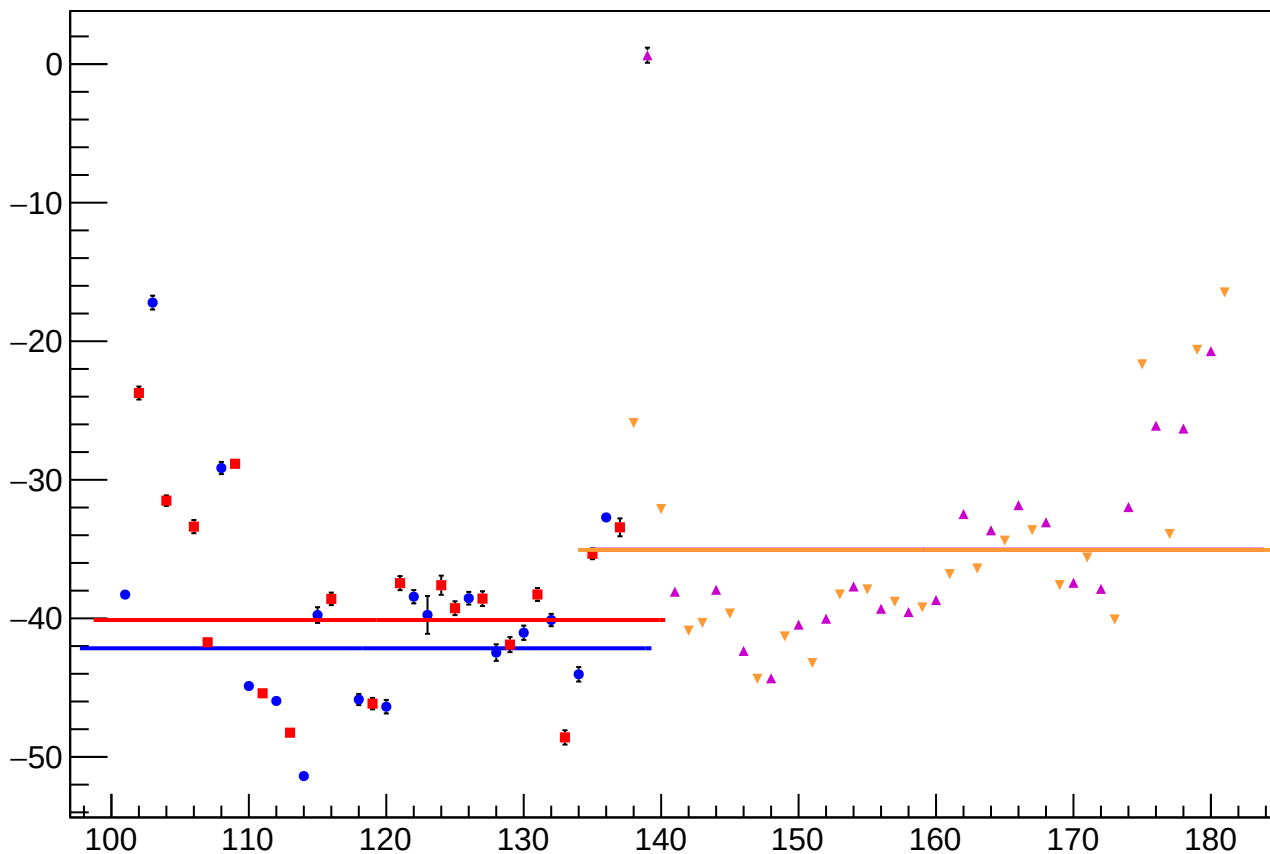
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.323+/-0.058 χ^2/NDF : 39007.8/20

Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22

All: -1.661+/-0.040 χ^2/NDF : 89622.4/43

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -35.061 ± 0.043 χ^2/NDF : 31273.0/22

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -35.038 ± 0.045 χ^2/NDF : 22635.6/20

Left: -35.050 ± 0.031 χ^2/NDF : 53908.7/43

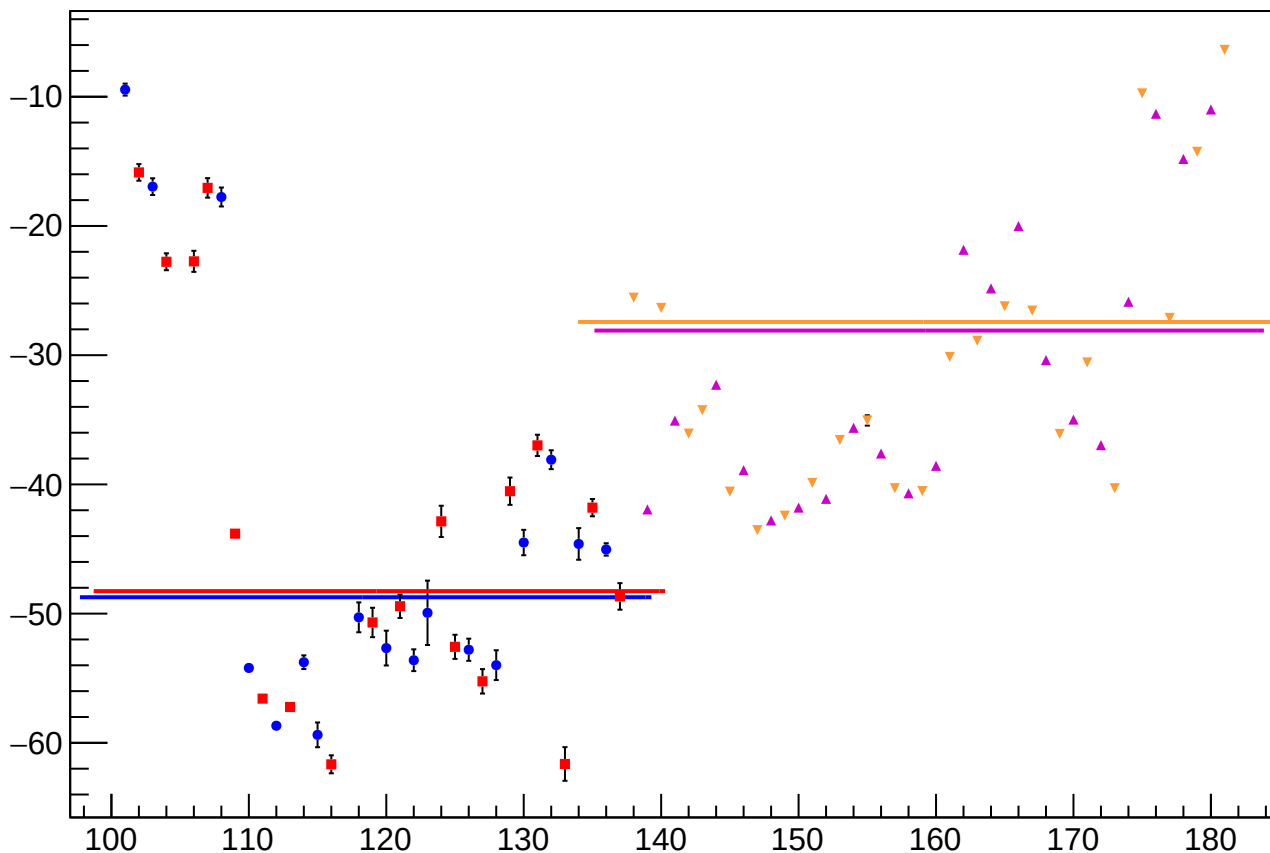
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -36.838 ± 0.039 χ^2/NDF : 35449.8/37

Out: -36.367 ± 0.037 χ^2/NDF : 45735.2/40

All: -36.589 ± 0.027 χ^2/NDF : 81261.6/78

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: -27.429 ± 0.055 $\chi^2/\text{NDF}: 44384.5/22$

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: -27.749 ± 0.040 $\chi^2/\text{NDF}: 80694.5/43$

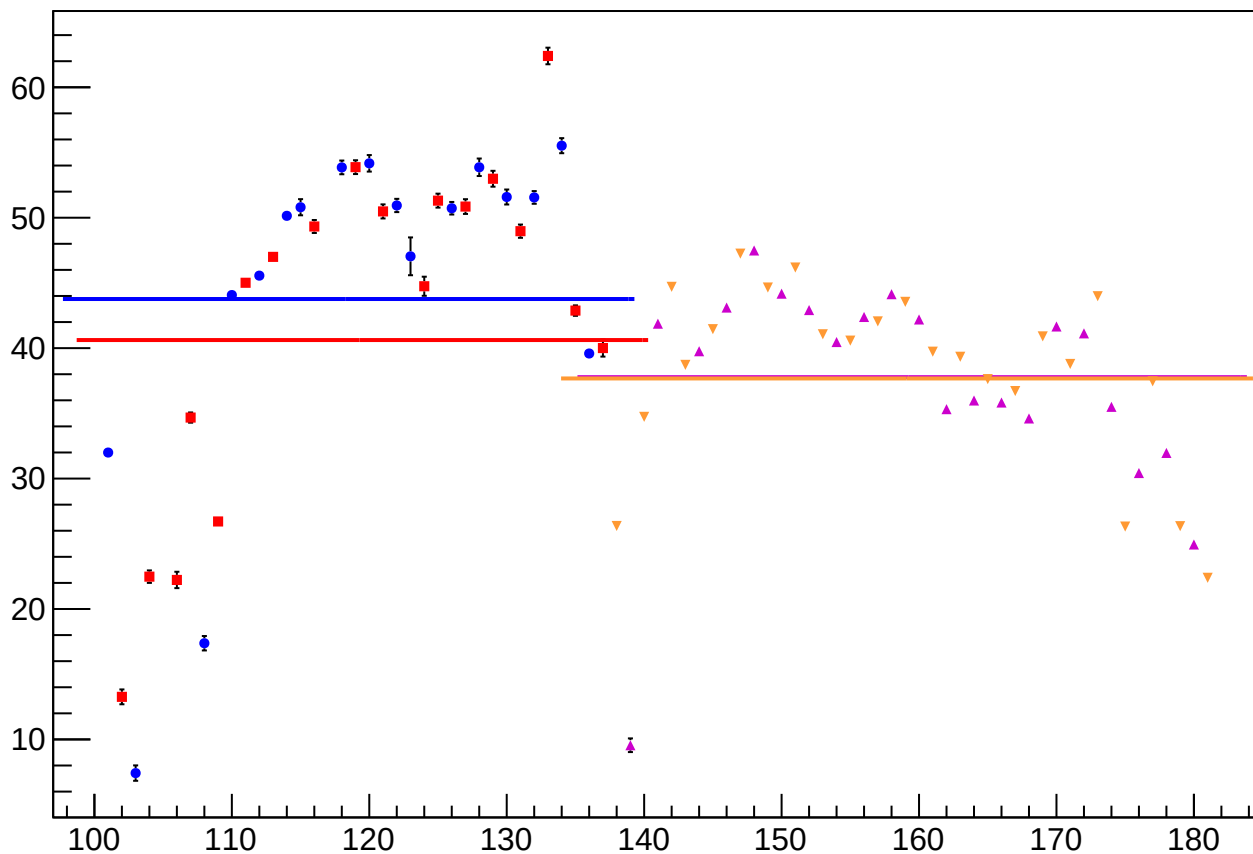
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -31.731 ± 0.052 $\chi^2/\text{NDF}: 73469.8/37$

Out: -31.806 ± 0.049 $\chi^2/\text{NDF}: 85174.0/40$

All: -31.770 ± 0.036 $\chi^2/\text{NDF}: 158645.0/78$

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: 37.676 $\pm$ 0.049 χ^2 /NDF: 20235.4/22

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: 37.724 $\pm$ 0.035 χ^2 /NDF: 35540.8/43

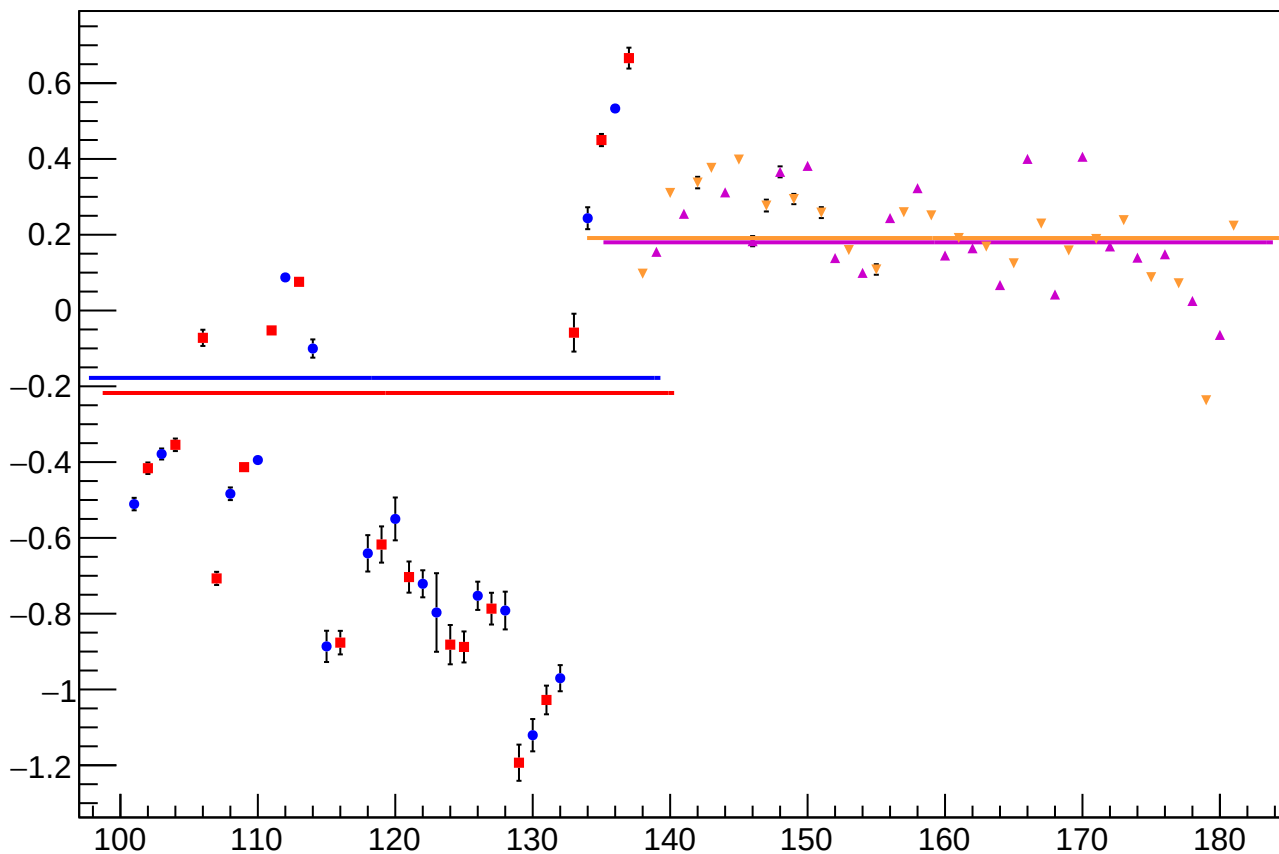
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 39.311 $\pm$ 0.044 χ^2 /NDF: 29478.9/37

Out: 38.468 $\pm$ 0.042 χ^2 /NDF: 38176.6/40

All: 38.867 $\pm$ 0.030 χ^2 /NDF: 67849.6/78

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.191 ± 0.002 χ^2/NDF : 3290.2/22

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.180 ± 0.002 χ^2/NDF : 3030.9/20

Left: 0.186 ± 0.002 χ^2/NDF : 6333.4/43

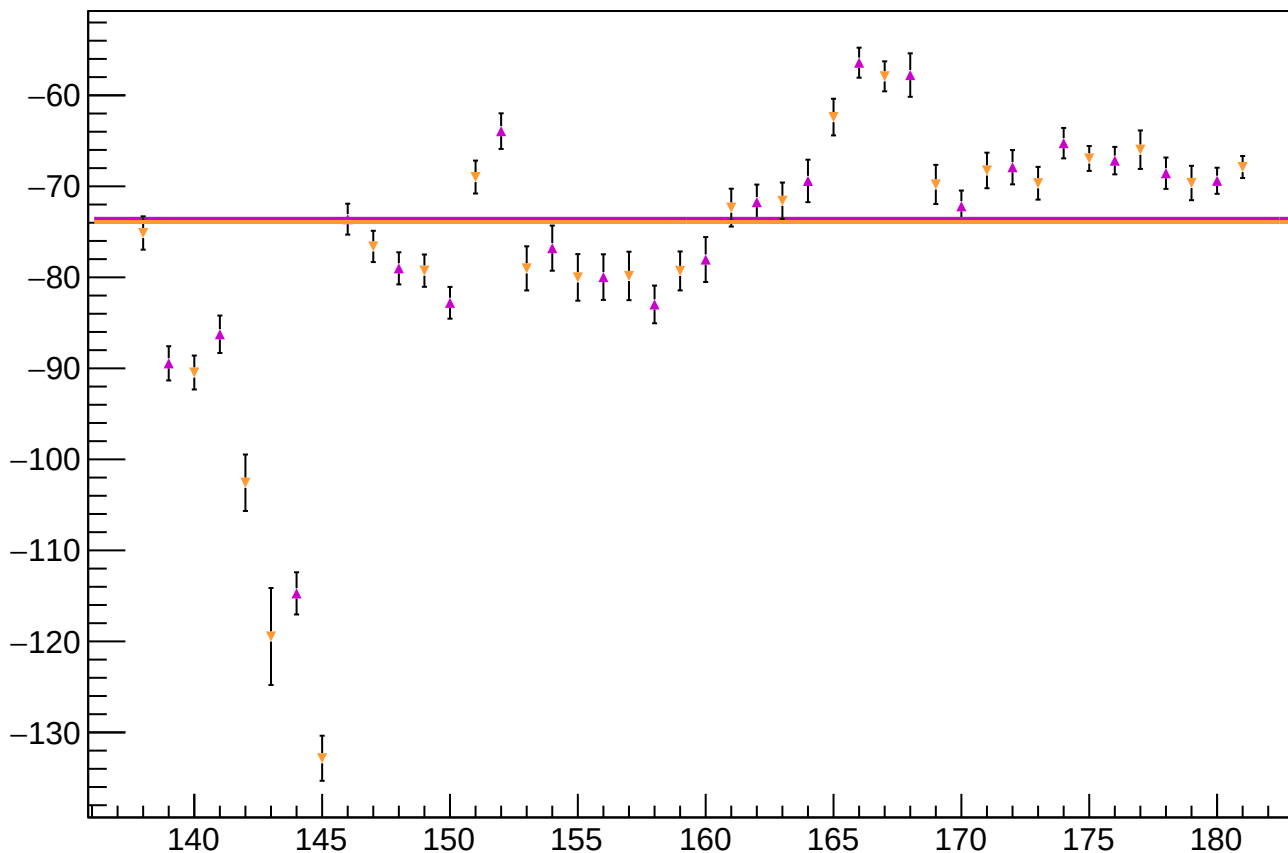
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.113 ± 0.002 χ^2/NDF : 14832.9/37

Out: 0.103 ± 0.002 χ^2/NDF : 17799.7/40

All: 0.108 ± 0.001 χ^2/NDF : 32643.8/78

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

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: -73.748+/-0.288 χ^2/NDF : 1805.4/43

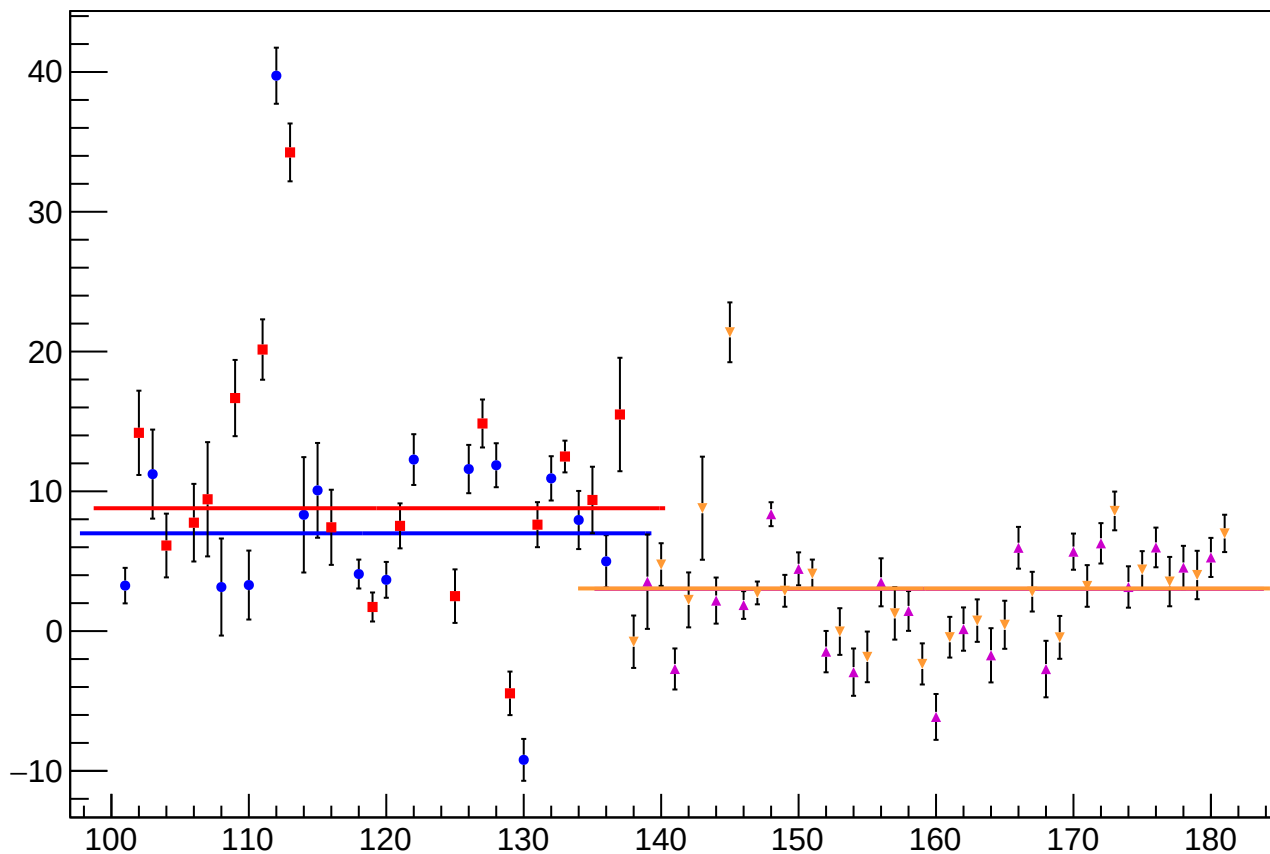
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.569+/-0.411 χ^2/NDF :743.7/20

Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

All: -73.748+/-0.288 χ^2/NDF : 1805.4/43

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 χ^2/NDF : 445.3/15

Left Out: 3.050 ± 0.304 χ^2/NDF : 149.4/22

Right Out: 8.790 ± 0.449 χ^2/NDF : 348.8/16

Left In: 3.020 ± 0.311 χ^2/NDF : 150.0/20

Left: 3.035 ± 0.217 χ^2/NDF : 299.4/43

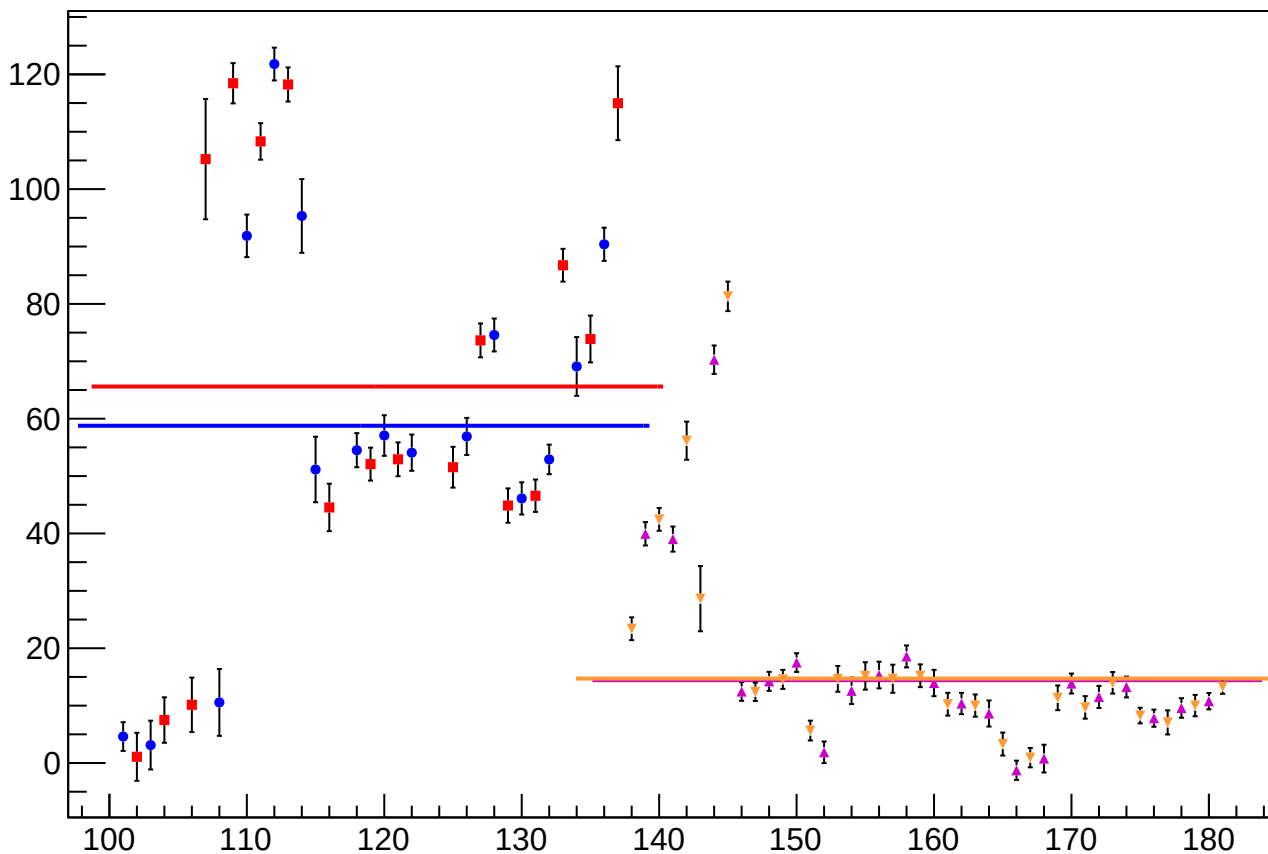
Right: 7.862 ± 0.312 χ^2/NDF : 802.4/32

In: 4.366 ± 0.253 χ^2/NDF : 650.8/36

Out: 4.849 ± 0.252 χ^2/NDF : 610.2/39

All: 4.609 ± 0.178 χ^2/NDF : 1262.8/76

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: 14.717 $\pm$ 0.401 χ^2 /NDF:1240.6/22

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: 14.579 $\pm$ 0.285 χ^2 /NDF: 2254.8/43

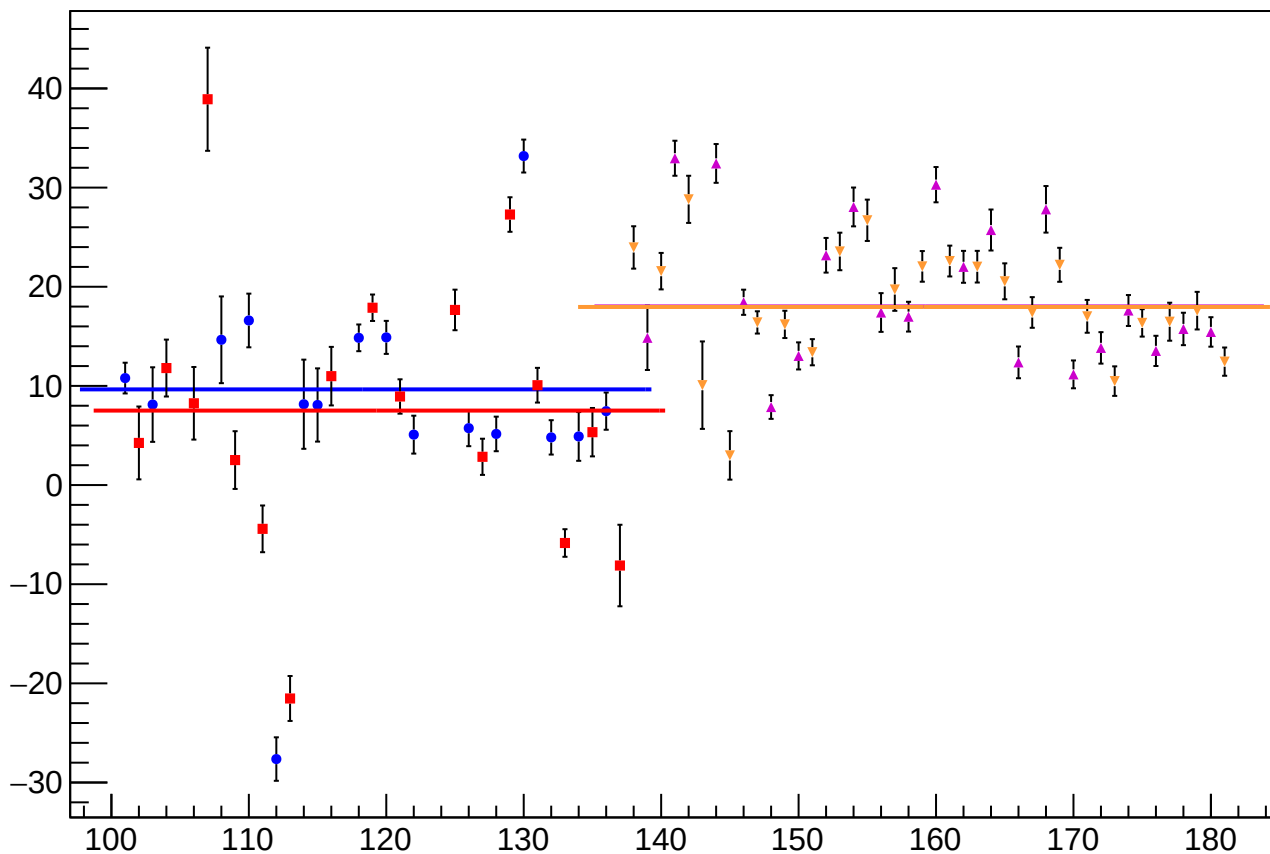
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 22.965 $\pm$ 0.365 χ^2 /NDF:4795.3/36

Out: 24.066 $\pm$ 0.362 χ^2 /NDF:5828.4/39

All: 23.520 $\pm$ 0.257 χ^2 /NDF: 10628.3/76

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 17.961 $\pm$ 0.349 χ^2 /NDF:188.9/22

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.015 $\pm$ 0.356 χ^2 /NDF:389.8/20

Left: 17.988 $\pm$ 0.249 χ^2 /NDF: 578.7/43

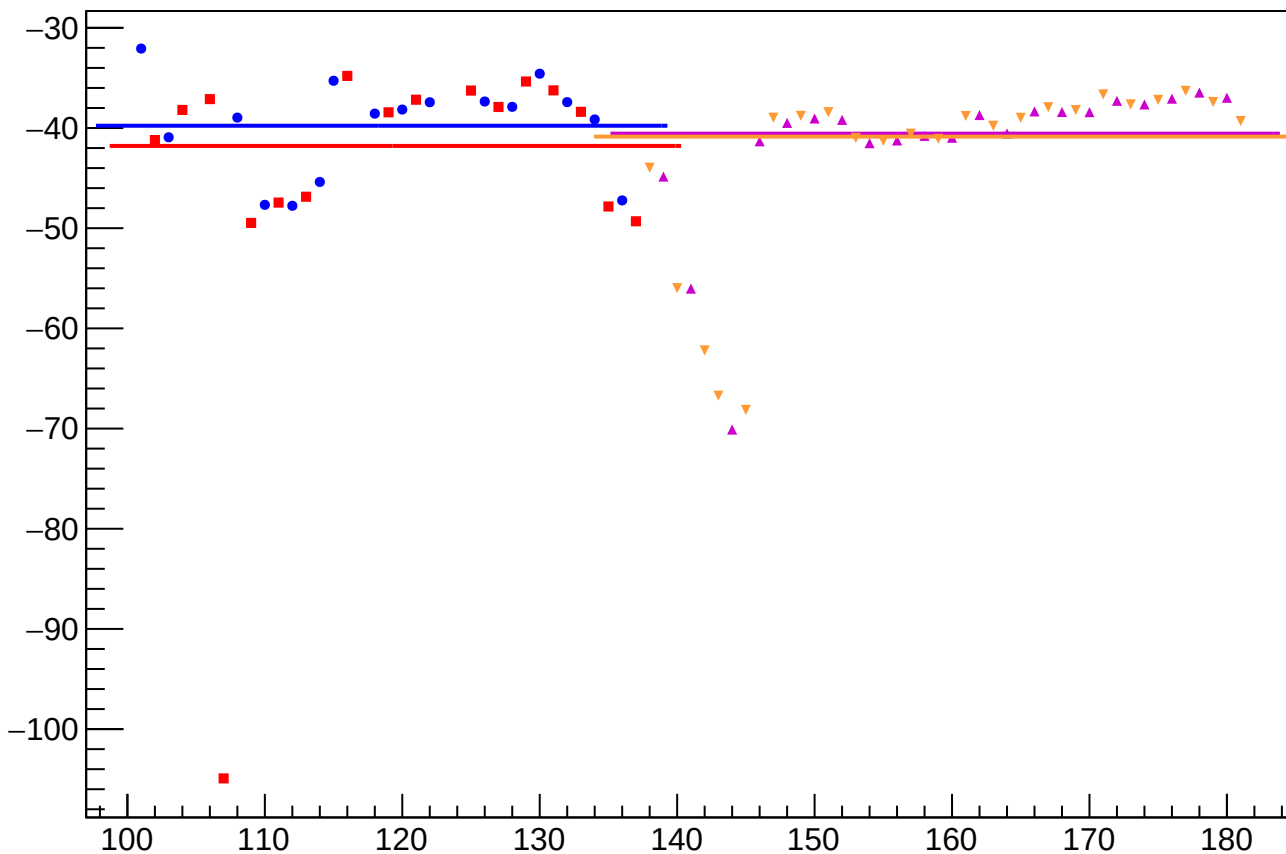
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.219 $\pm$ 0.290 χ^2 /NDF:1128.2/36

Out: 14.682 $\pm$ 0.289 χ^2 /NDF:1034.2/39

All: 14.950 $\pm$ 0.205 χ^2 /NDF: 2164.2/76

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

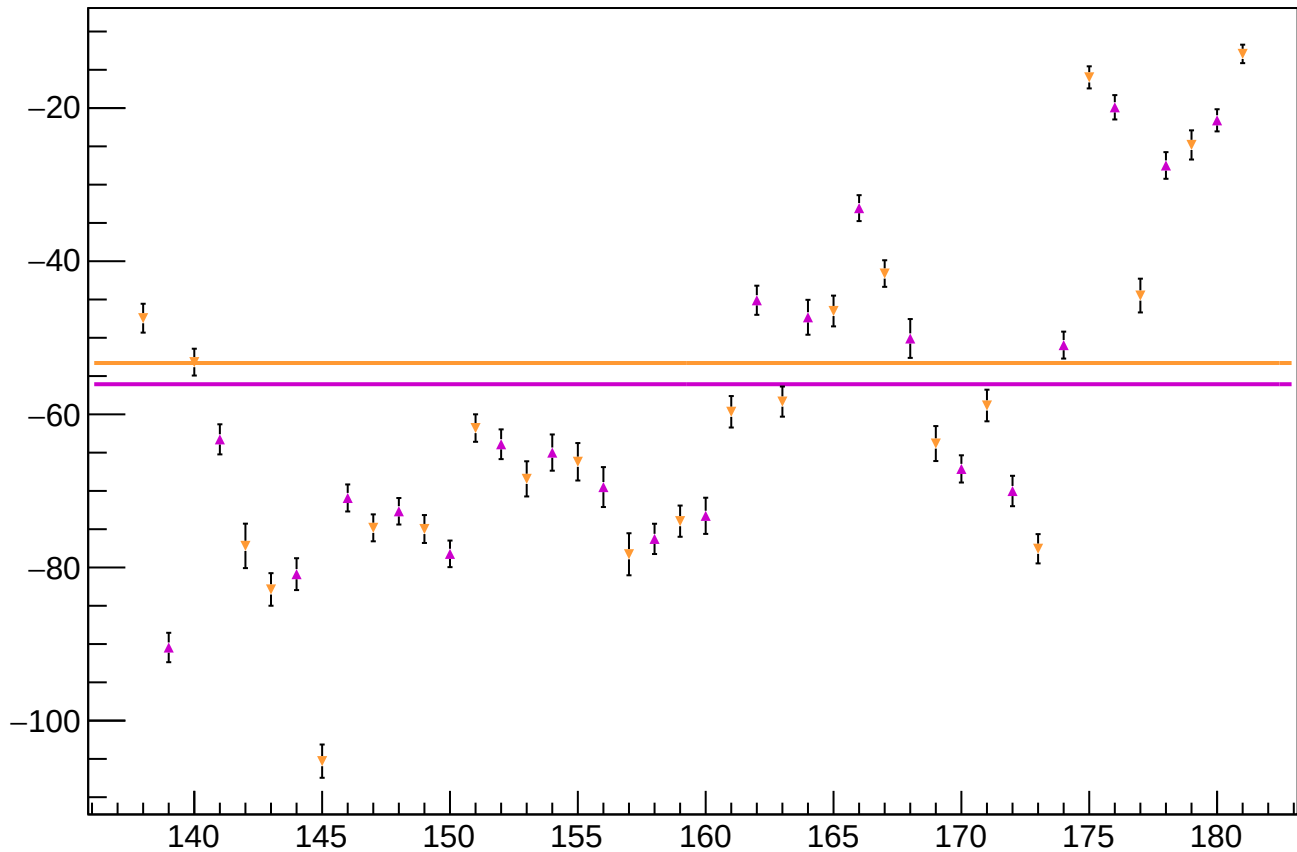


Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -40.857 ± 0.016 $\chi^2/\text{NDF}: 163669.6/22$
 Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$
 Left In: -40.563 ± 0.016 $\chi^2/\text{NDF}: 124728.3/20$

Left: -40.710 ± 0.012 $\chi^2/\text{NDF}: 288557.1/43$
 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: -41.057 ± 0.015 $\chi^2/\text{NDF}: 257366.8/39$

All: -40.723 ± 0.010 $\chi^2/\text{NDF}: 409827.8/76$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -53.294 ± 0.400 χ^2/NDF : 3702.5/22

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: -54.633 ± 0.288 χ^2/NDF : 6430.3/43

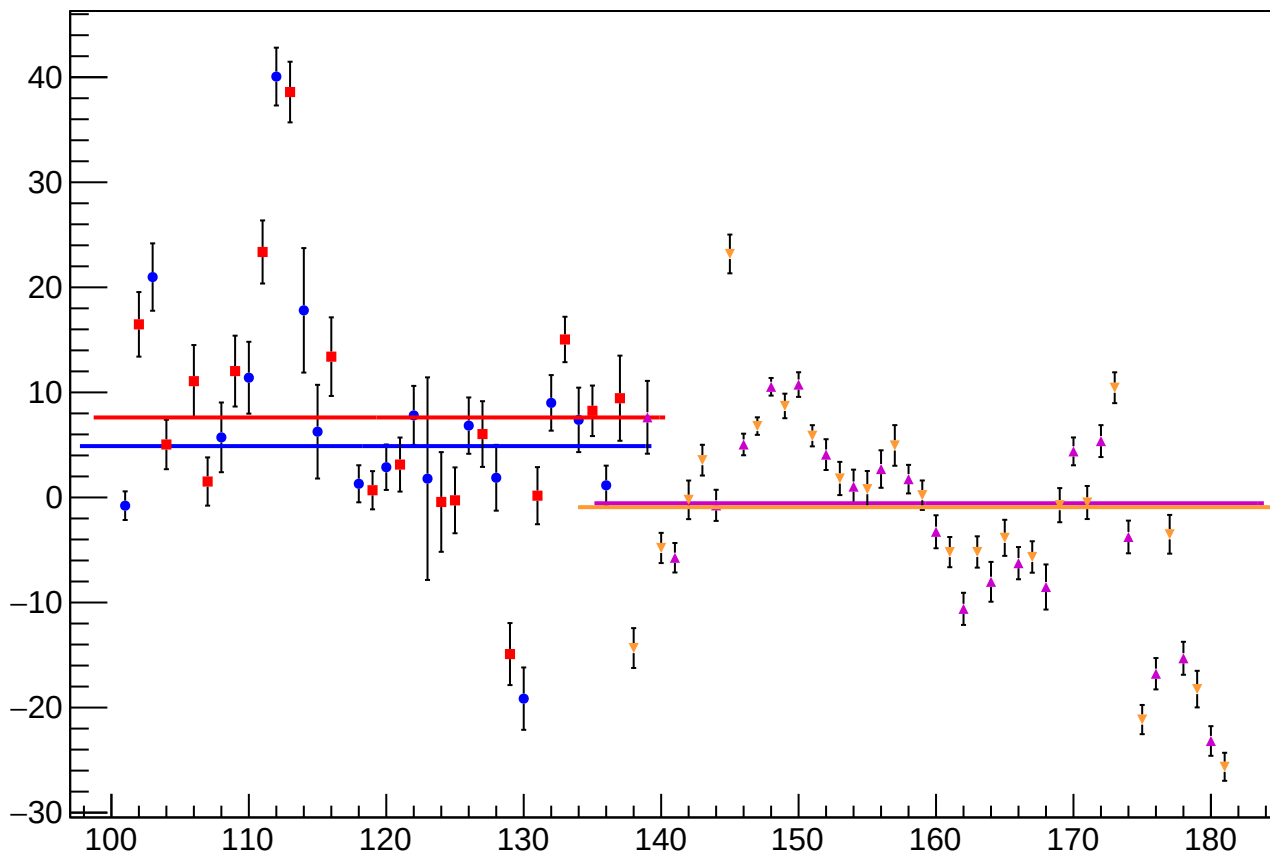
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -56.065 ± 0.414 χ^2/NDF : 2704.6/20

Out: -53.294 ± 0.400 χ^2/NDF : 3702.5/22

All: -54.633 ± 0.288 χ^2/NDF : 6430.3/43

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: -0.924 ± 0.299 $\chi^2/\text{NDF}: 1196.2/22$

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: -0.745 ± 0.216 $\chi^2/\text{NDF}: 2116.9/43$

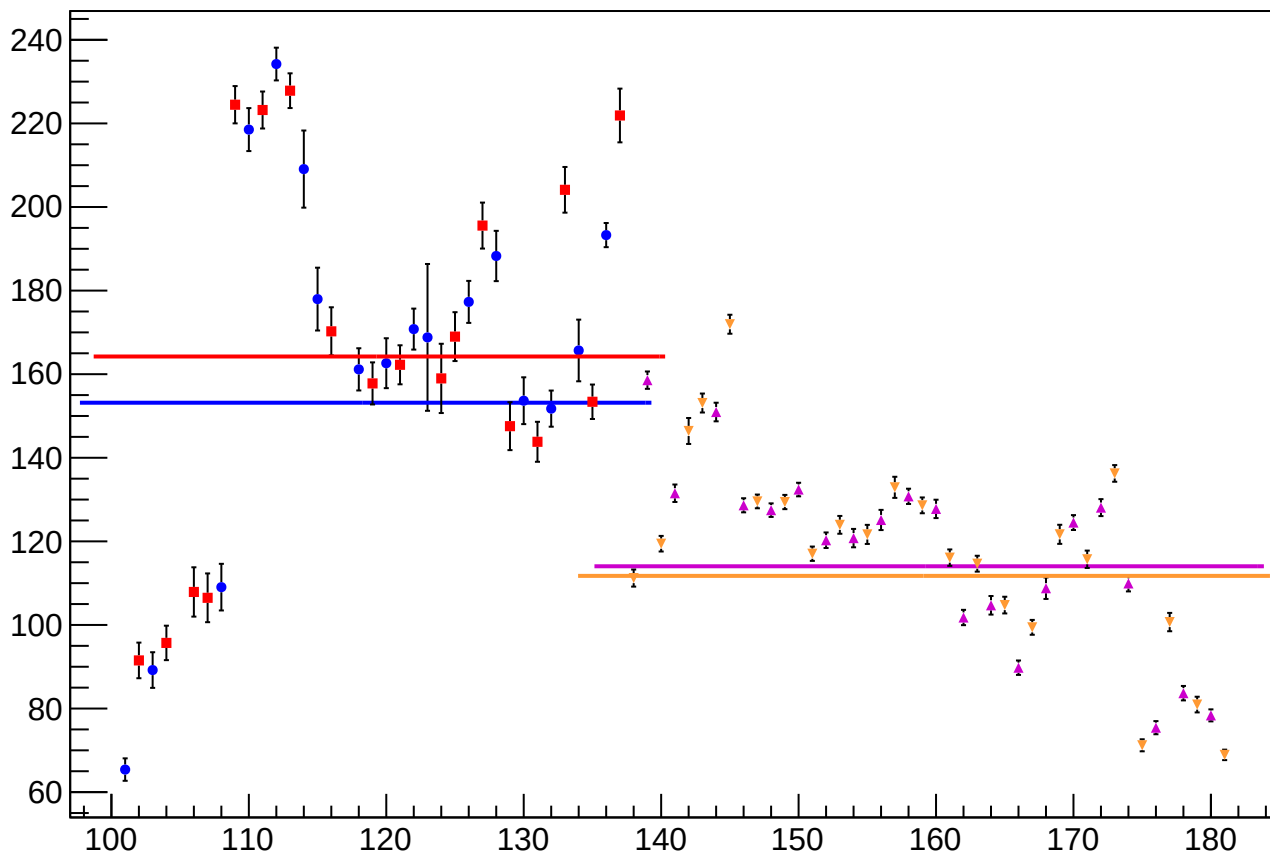
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 0.533 ± 0.278 $\chi^2/\text{NDF}: 1276.0/37$

Out: 0.562 ± 0.272 $\chi^2/\text{NDF}: 1606.9/40$

All: 0.548 ± 0.194 $\chi^2/\text{NDF}: 2882.9/78$

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: 111.741 $\pm$ 0.398 χ^2 /NDF: 4108.3/22

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: 112.861 $\pm$ 0.285 χ^2 /NDF: 7241.0/43

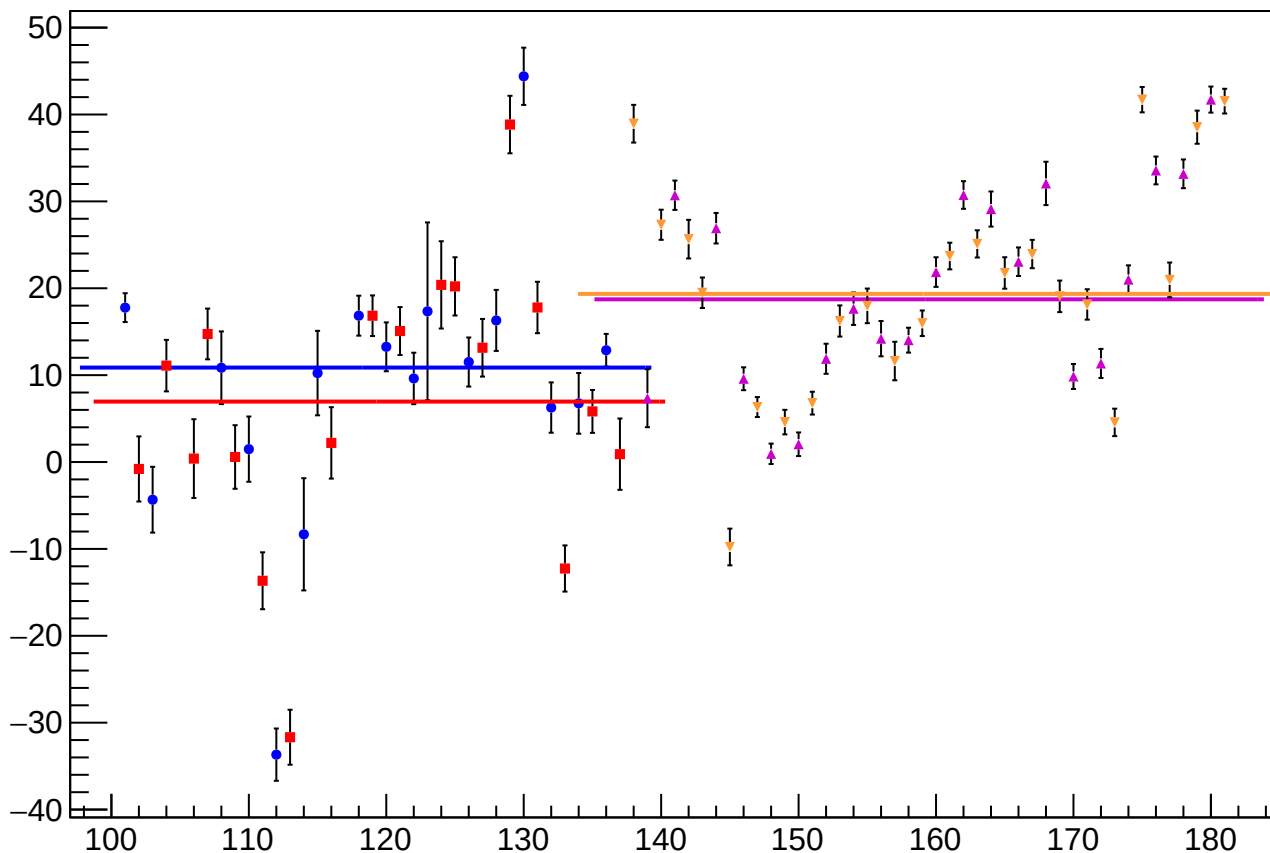
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 118.451 $\pm$ 0.385 χ^2 /NDF: 6414.7/37

Out: 117.079 $\pm$ 0.377 χ^2 /NDF: 7431.1/40

All: 117.751 $\pm$ 0.269 χ^2 /NDF: 13852.3/78

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 χ^2/NDF : 386.7/16

Left Out: 19.352 ± 0.345 χ^2/NDF : 1350.5/22

Right Out: 6.958 ± 0.749 χ^2/NDF : 422.3/17

Left In: 18.727 ± 0.356 χ^2/NDF : 1122.3/20

Left: 19.049 ± 0.248 χ^2/NDF : 2474.4/43

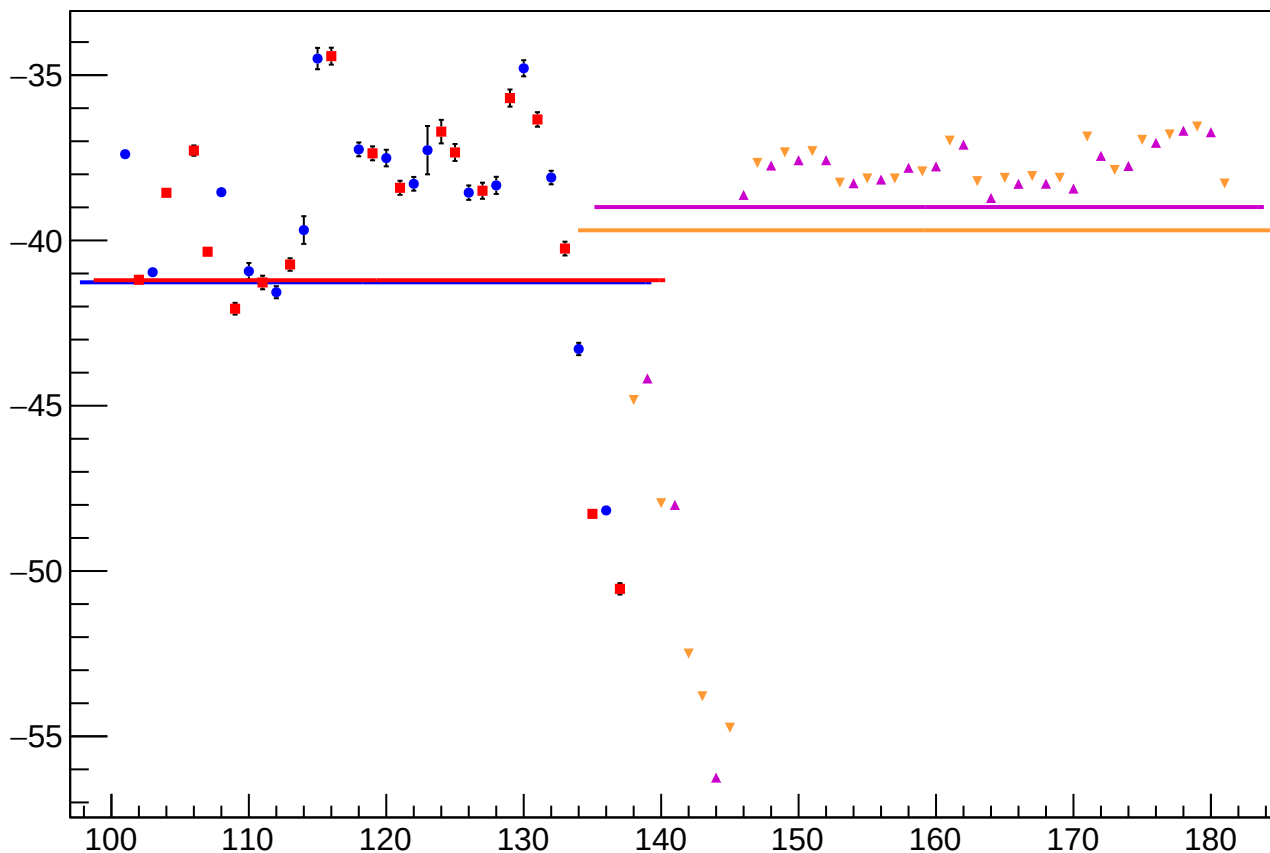
Right: 9.008 ± 0.517 χ^2/NDF : 823.3/34

In: 17.164 ± 0.319 χ^2/NDF : 1605.8/37

Out: 17.182 ± 0.313 χ^2/NDF : 1998.6/40

All: 17.173 ± 0.223 χ^2/NDF : 3604.4/78

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.694 ± 0.016 χ^2/NDF : 90821.8/22

Right Out: -41.204 ± 0.039 χ^2/NDF : 12008.6/17

Left In: -38.991 ± 0.017 χ^2/NDF : 53931.0/20

Left: -39.346 ± 0.012 χ^2/NDF : 145668.4/43

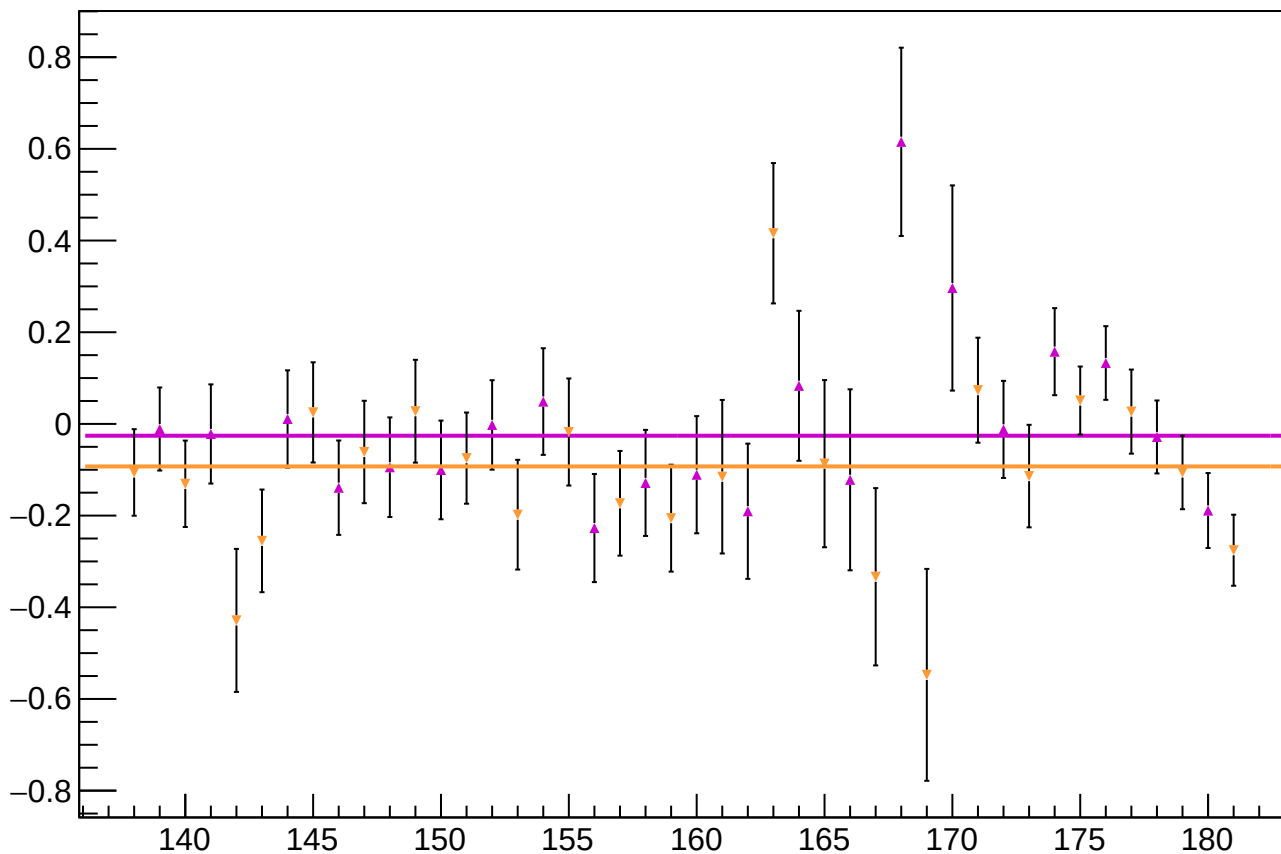
Right: -41.236 ± 0.027 χ^2/NDF : 24591.7/34

In: -39.344 ± 0.015 χ^2/NDF : 69462.2/37

Out: -39.920 ± 0.015 χ^2/NDF : 104114.8/40

All: -39.635 ± 0.011 χ^2/NDF : 174303.7/78

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -0.093 ± 0.023 $\chi^2/\text{NDF}: 41.6/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -0.026 ± 0.024 $\chi^2/\text{NDF}: 32.2/20$

Left: -0.061 ± 0.016 $\chi^2/\text{NDF}: 78.0/43$

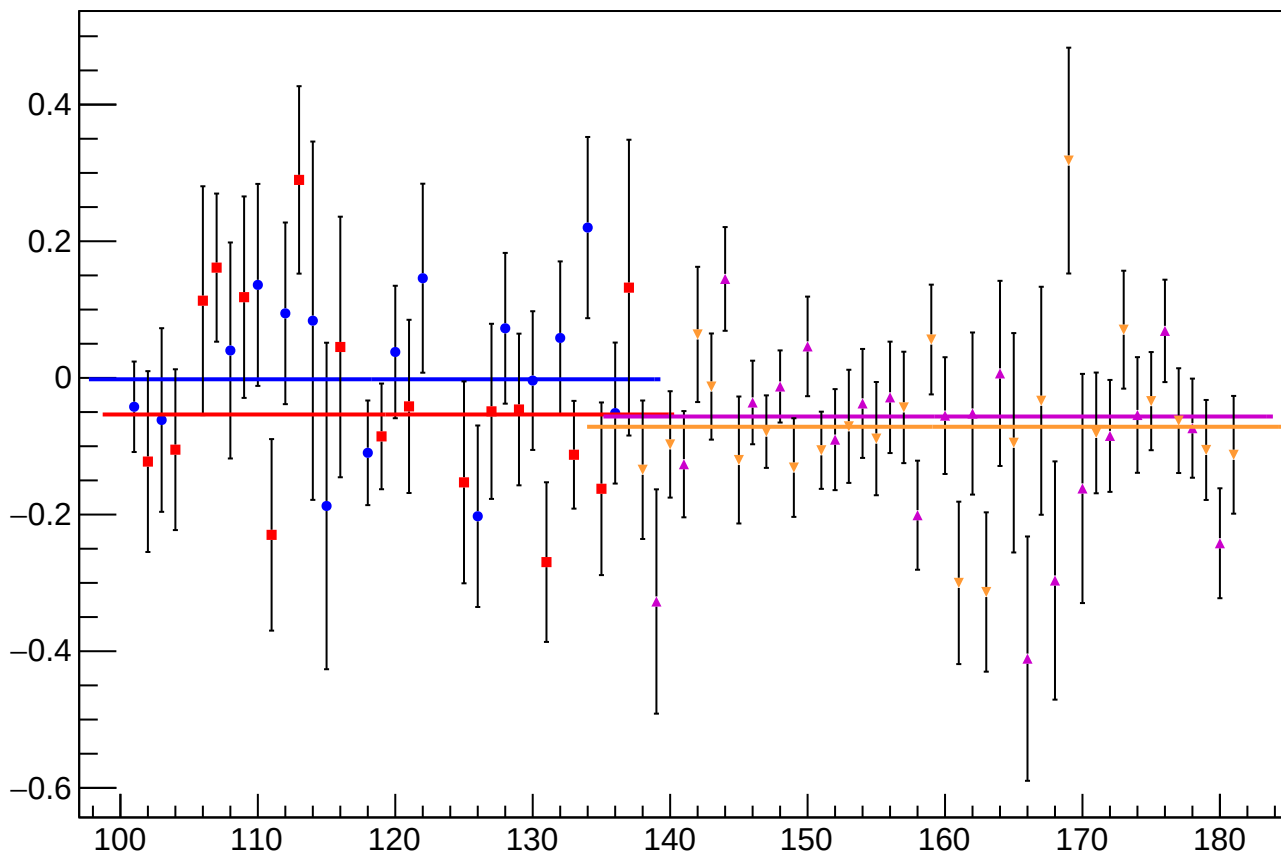
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -0.026 ± 0.024 $\chi^2/\text{NDF}: 32.2/20$

Out: -0.093 ± 0.023 $\chi^2/\text{NDF}: 41.6/22$

All: -0.061 ± 0.016 $\chi^2/\text{NDF}: 78.0/43$

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.072 ± 0.017 χ^2/NDF : 24.0/22

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: -0.064 ± 0.013 χ^2/NDF : 56.1/43

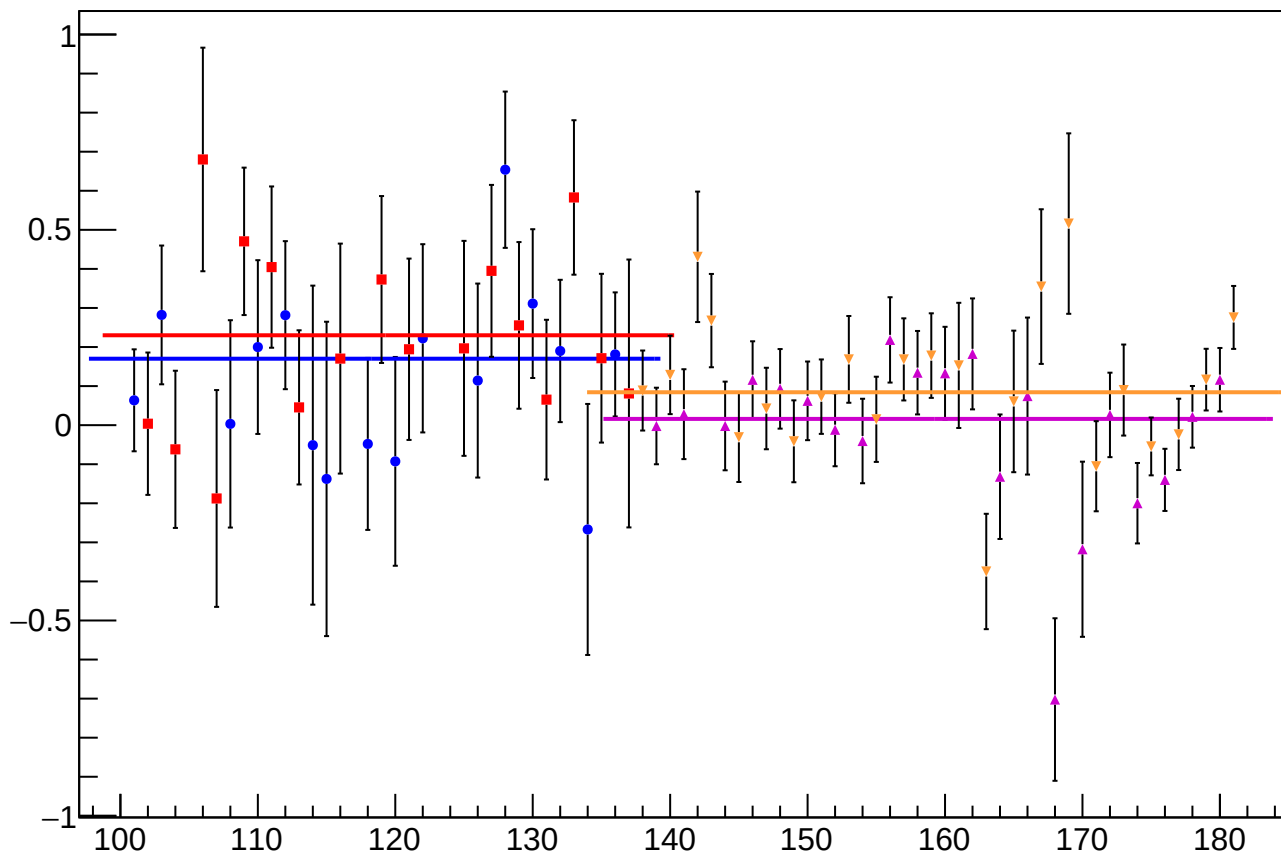
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.040 ± 0.015 χ^2/NDF : 46.5/36

Out: -0.067 ± 0.015 χ^2/NDF : 45.3/39

All: -0.054 ± 0.011 χ^2/NDF : 93.3/76

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.084 $\pm$ 0.023 χ^2 /NDF:40.5/22

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.016 $\pm$ 0.024 χ^2 /NDF:34.1/20

Left: 0.051 $\pm$ 0.016 χ^2 /NDF: 78.9/43

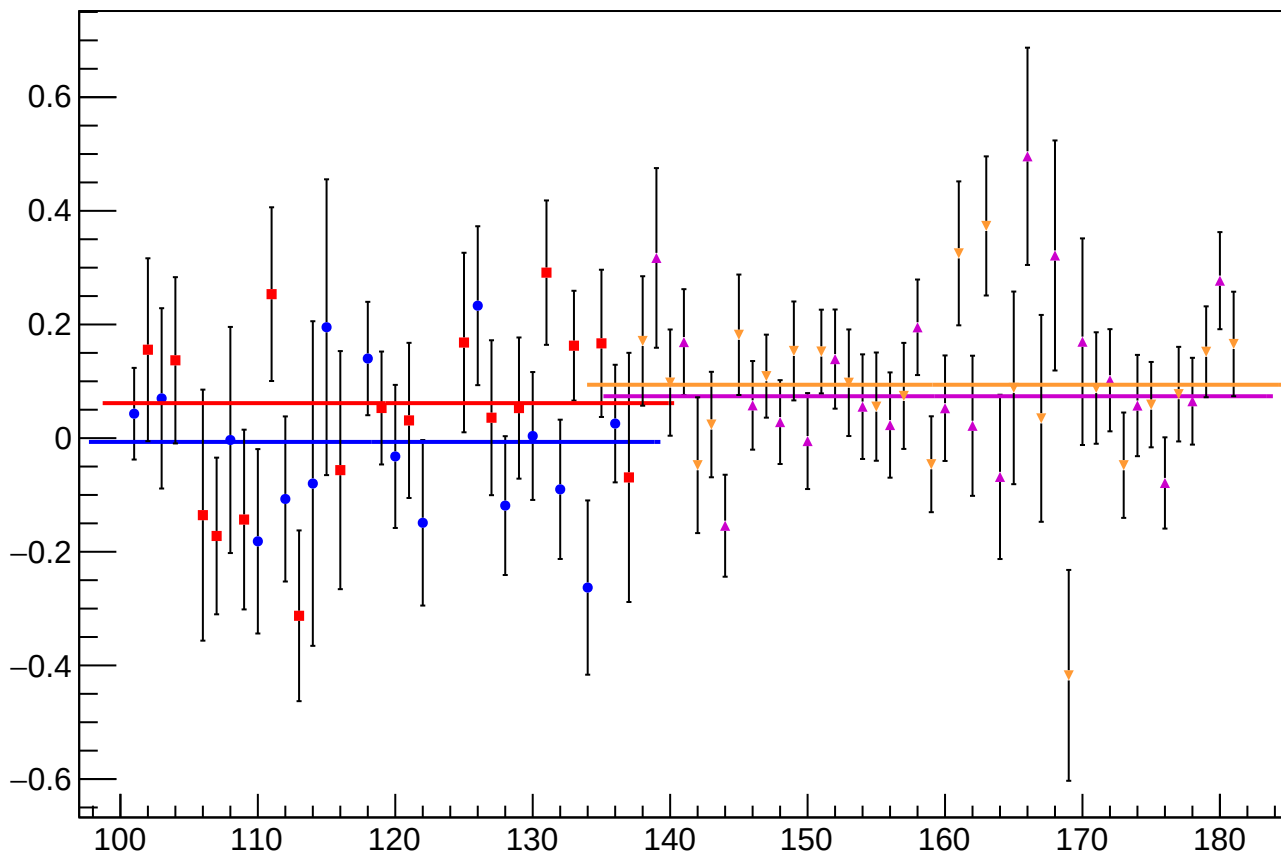
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.042 $\pm$ 0.021 χ^2 /NDF:54.3/36

Out: 0.106 $\pm$ 0.021 χ^2 /NDF:63.5/39

All: 0.075 $\pm$ 0.015 χ^2 /NDF: 122.4/76

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.094 ± 0.020 $\chi^2/\text{NDF}: 27.2/22$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.074 ± 0.021 $\chi^2/\text{NDF}: 31.4/20$

Left: 0.084 ± 0.014 $\chi^2/\text{NDF}: 59.1/43$

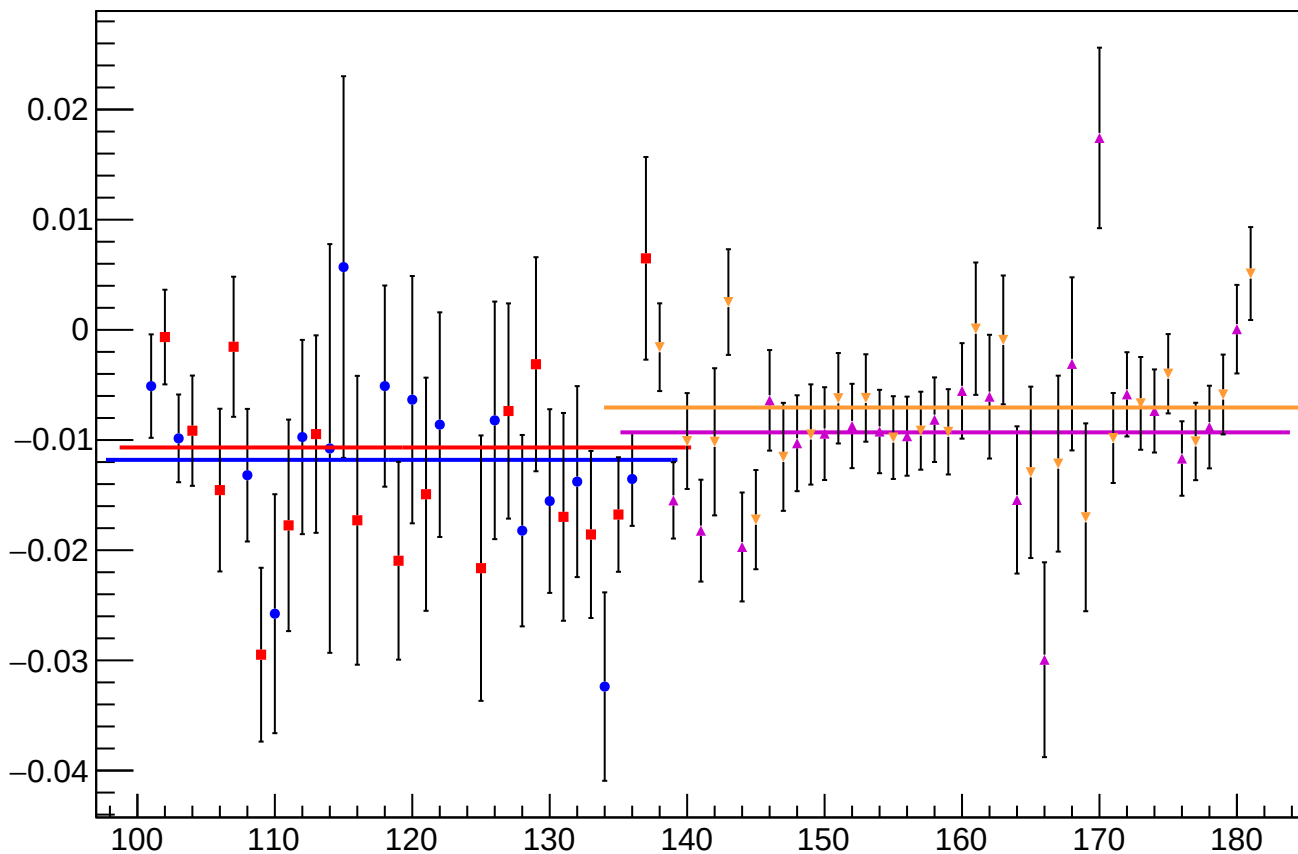
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.050 ± 0.018 $\chi^2/\text{NDF}: 49.0/36$

Out: 0.086 ± 0.017 $\chi^2/\text{NDF}: 47.9/39$

All: 0.068 ± 0.012 $\chi^2/\text{NDF}: 98.8/76$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 29.3/22

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 : 69.8/43

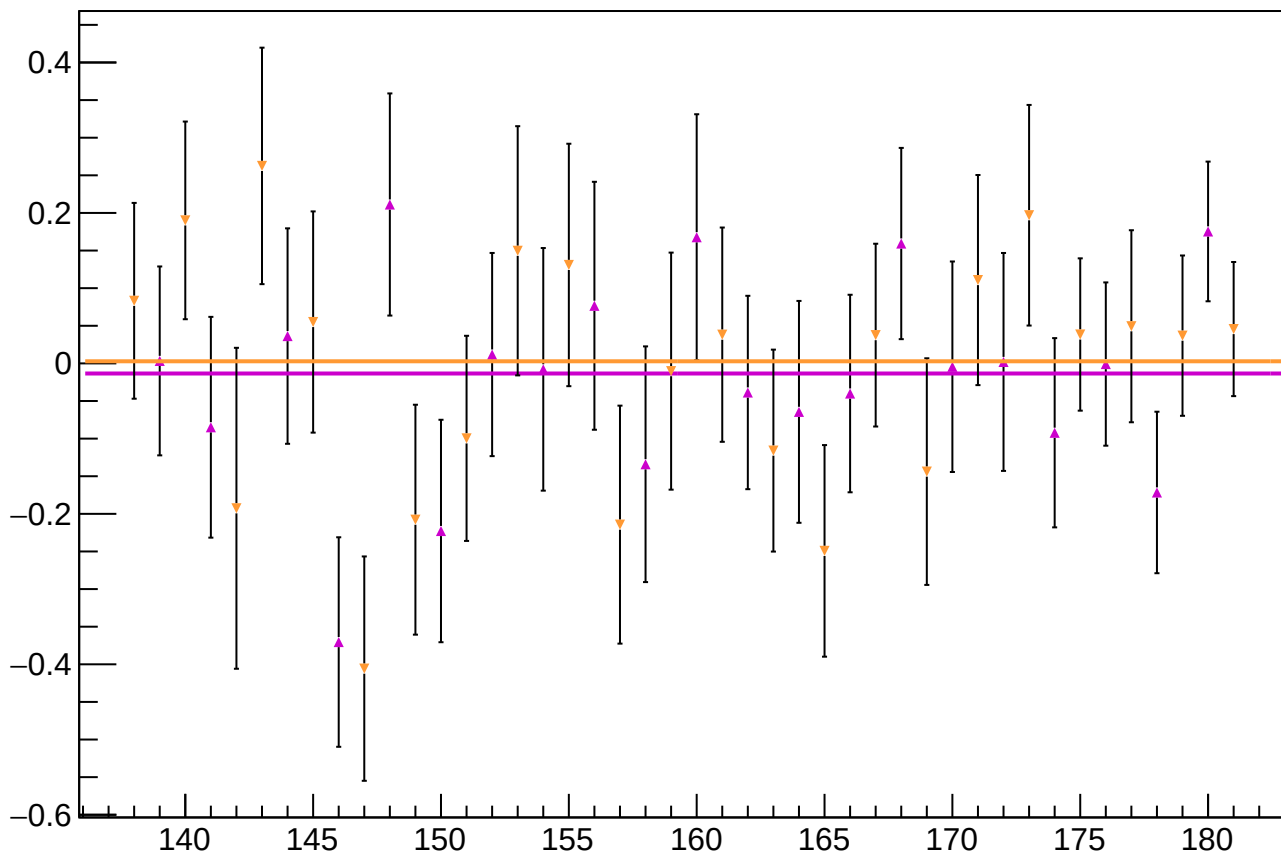
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.010 ± 0.001 χ^2/NDF : 51.9/36

Out: -0.008 ± 0.001 χ^2/NDF : 56.3/39

All: -0.009 ± 0.001 χ^2/NDF : 111.3/76

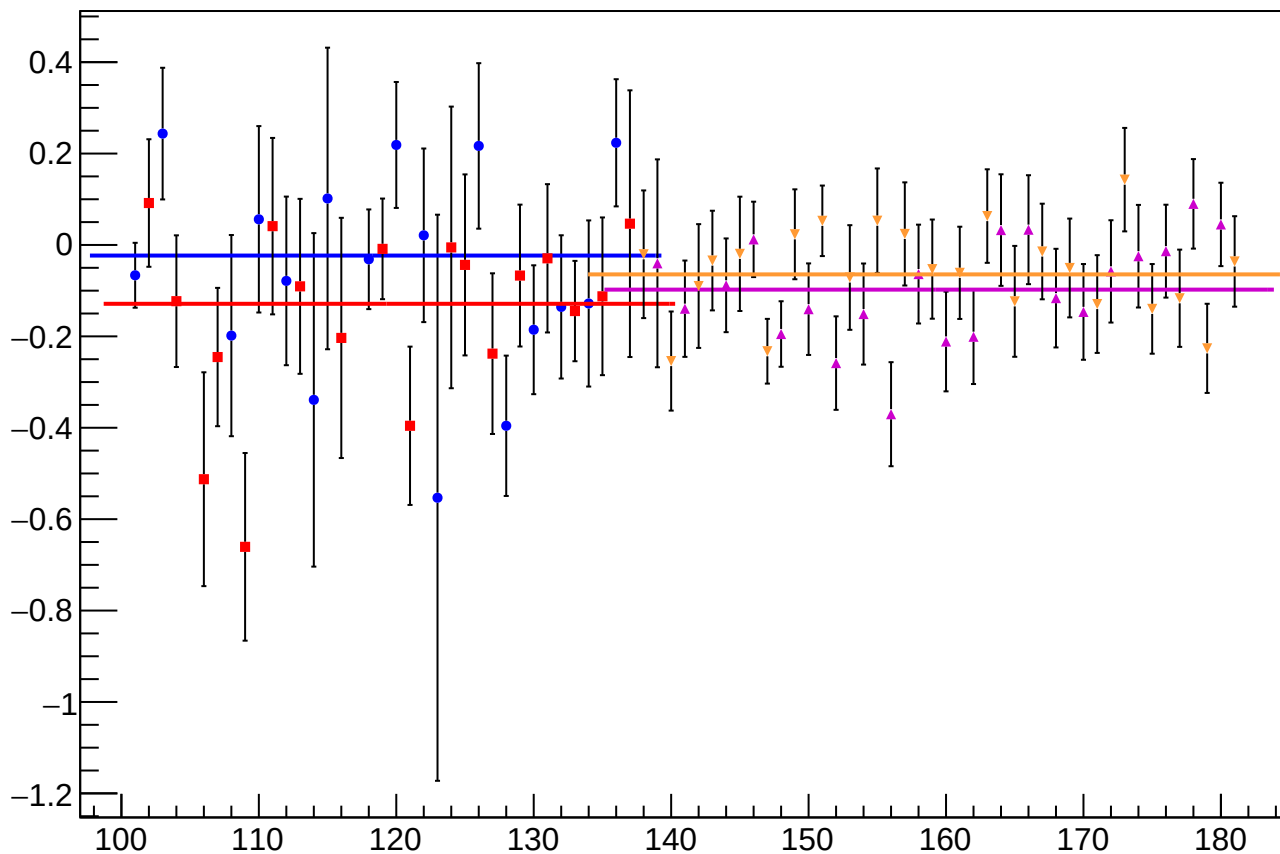
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22
 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: -0.005 $\pm$ 0.020 χ^2 /NDF: 49.8/43
 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: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22
 All: -0.005 $\pm$ 0.020 χ^2 /NDF: 49.8/43

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.064 ± 0.022 χ^2/NDF : 23.3/22

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: -0.080 ± 0.016 χ^2/NDF : 49.0/43

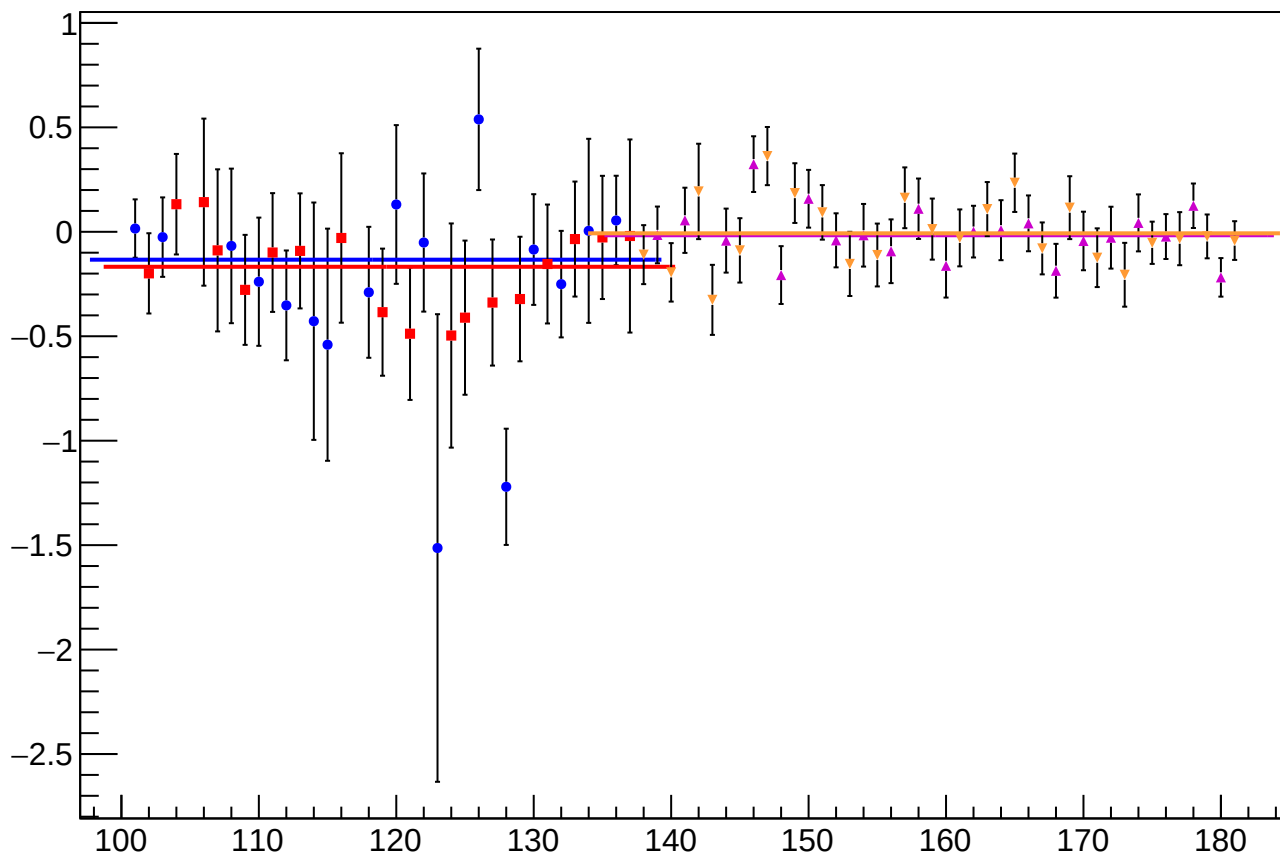
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.077 ± 0.019 χ^2/NDF : 50.0/37

Out: -0.079 ± 0.019 χ^2/NDF : 43.9/40

All: -0.078 ± 0.014 χ^2/NDF : 93.9/78

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.007 ± 0.028 χ^2/NDF : 26.8/22

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: -0.012 ± 0.020 χ^2/NDF : 47.8/43

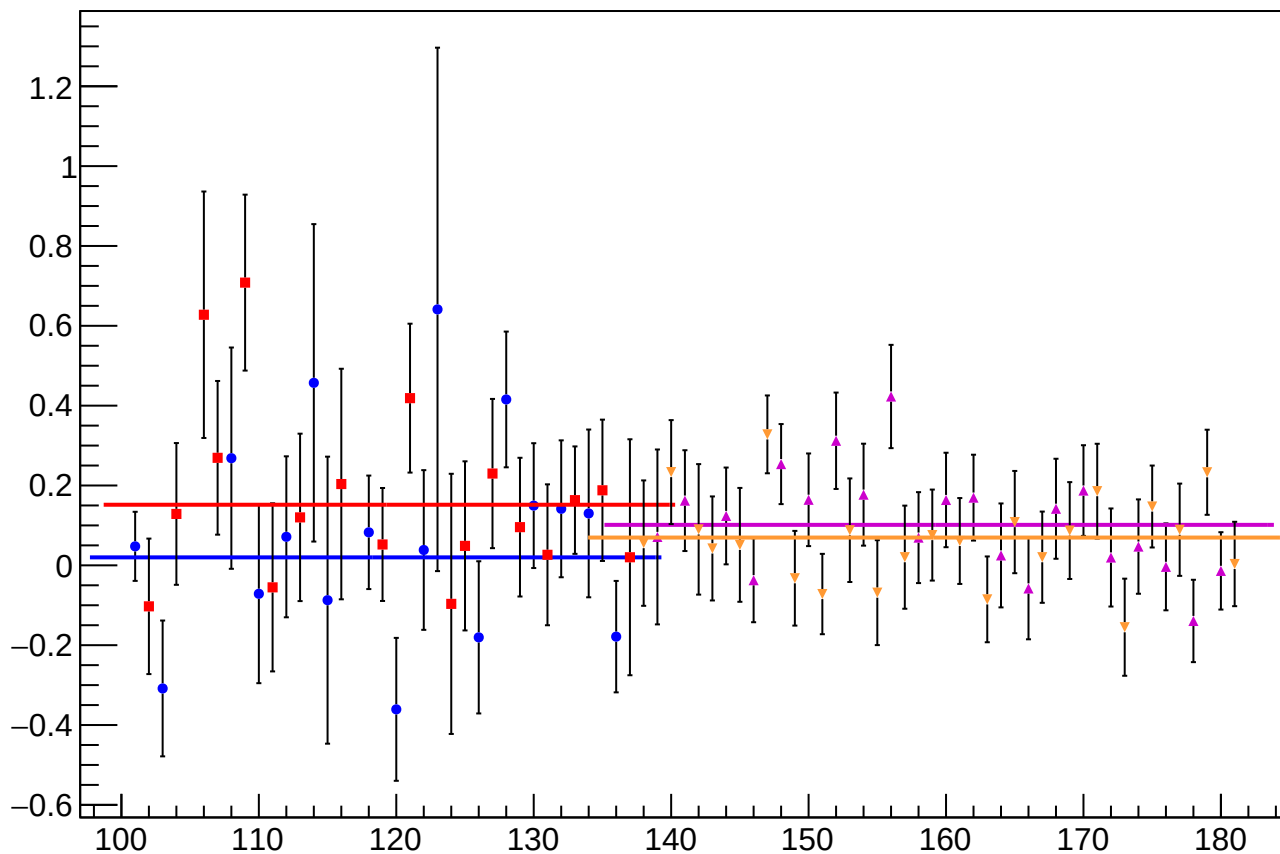
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.035 ± 0.026 χ^2/NDF : 49.3/37

Out: -0.029 ± 0.026 χ^2/NDF : 37.4/40

All: -0.032 ± 0.019 χ^2/NDF : 86.7/78

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.070 ± 0.025 χ^2/NDF : 22.8/22

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.101 ± 0.026 χ^2/NDF : 26.0/20

Left: 0.085 ± 0.018 χ^2/NDF : 49.6/43

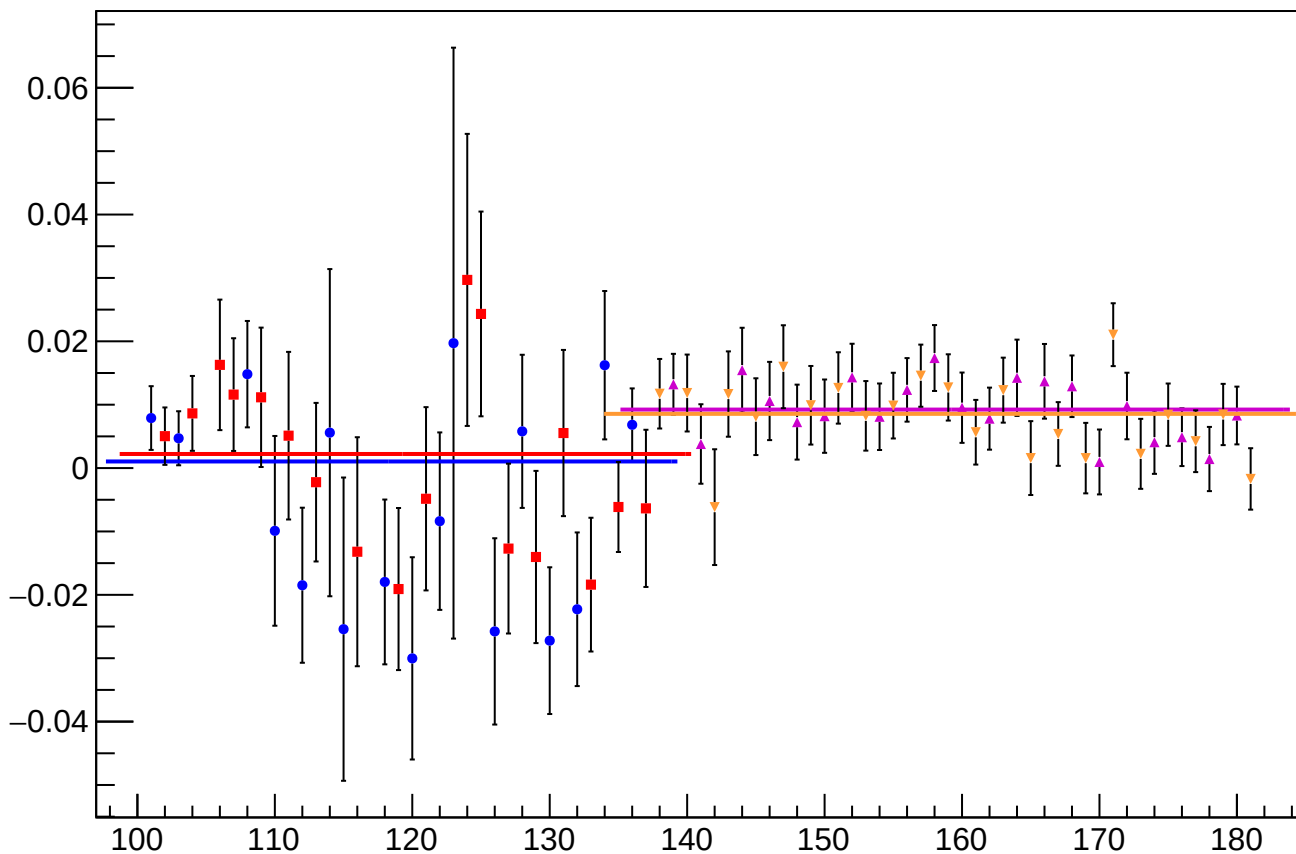
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.080 ± 0.022 χ^2/NDF : 50.5/37

Out: 0.088 ± 0.022 χ^2/NDF : 42.1/40

All: 0.084 ± 0.015 χ^2/NDF : 92.7/78

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:24.7/22

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: 40.1/43

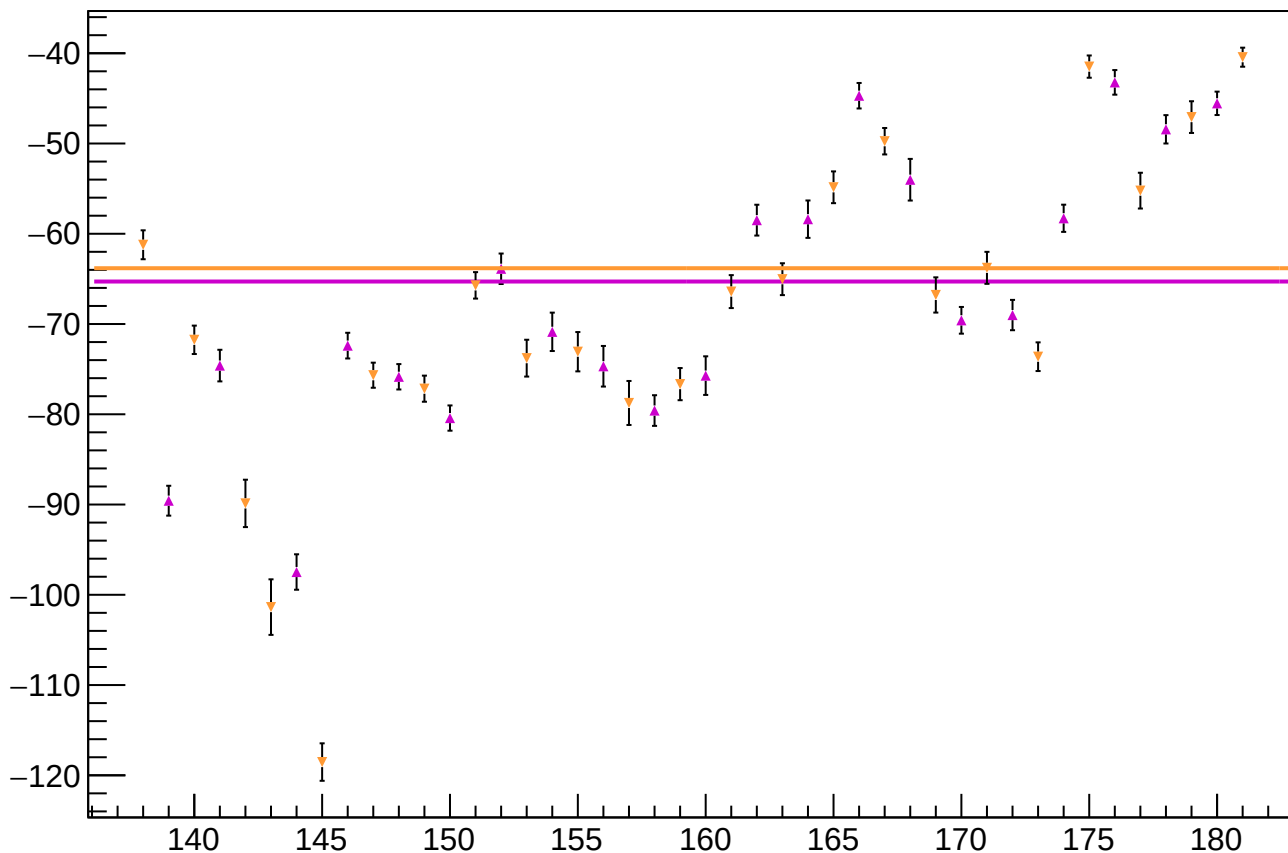
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:57.9/37

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:51.7/40

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 109.6/78

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: -63.817+/-0.349 χ^2/NDF :2351.0/22

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: -64.539+/-0.250 χ^2/NDF : 4097.2/43

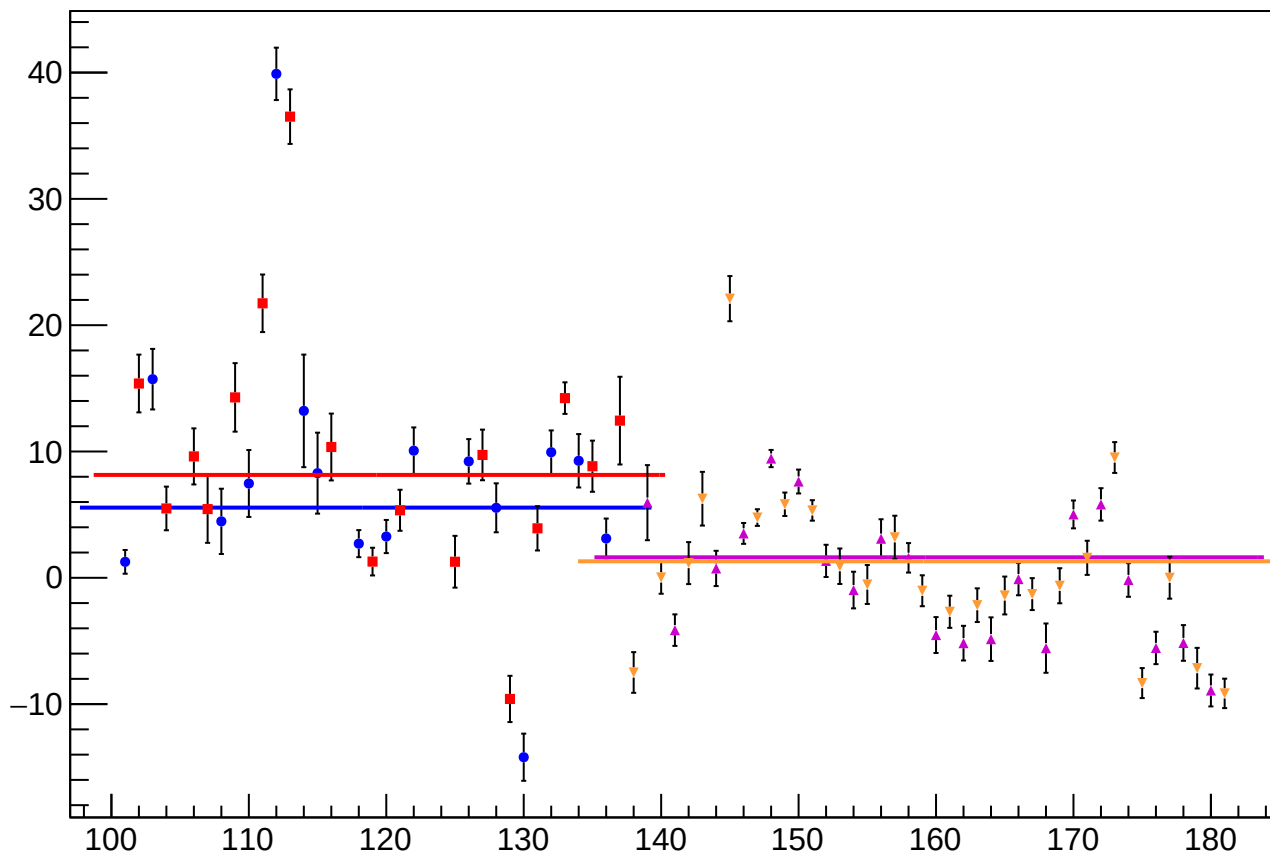
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -65.292+/-0.357 χ^2/NDF :1737.5/20

Out: -63.817+/-0.349 χ^2/NDF :2351.0/22

All: -64.539+/-0.250 χ^2/NDF : 4097.2/43

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: 1.306 ± 0.258 $\chi^2/\text{NDF}: 500.2/22$

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: 1.460 ± 0.185 $\chi^2/\text{NDF}: 924.7/43$

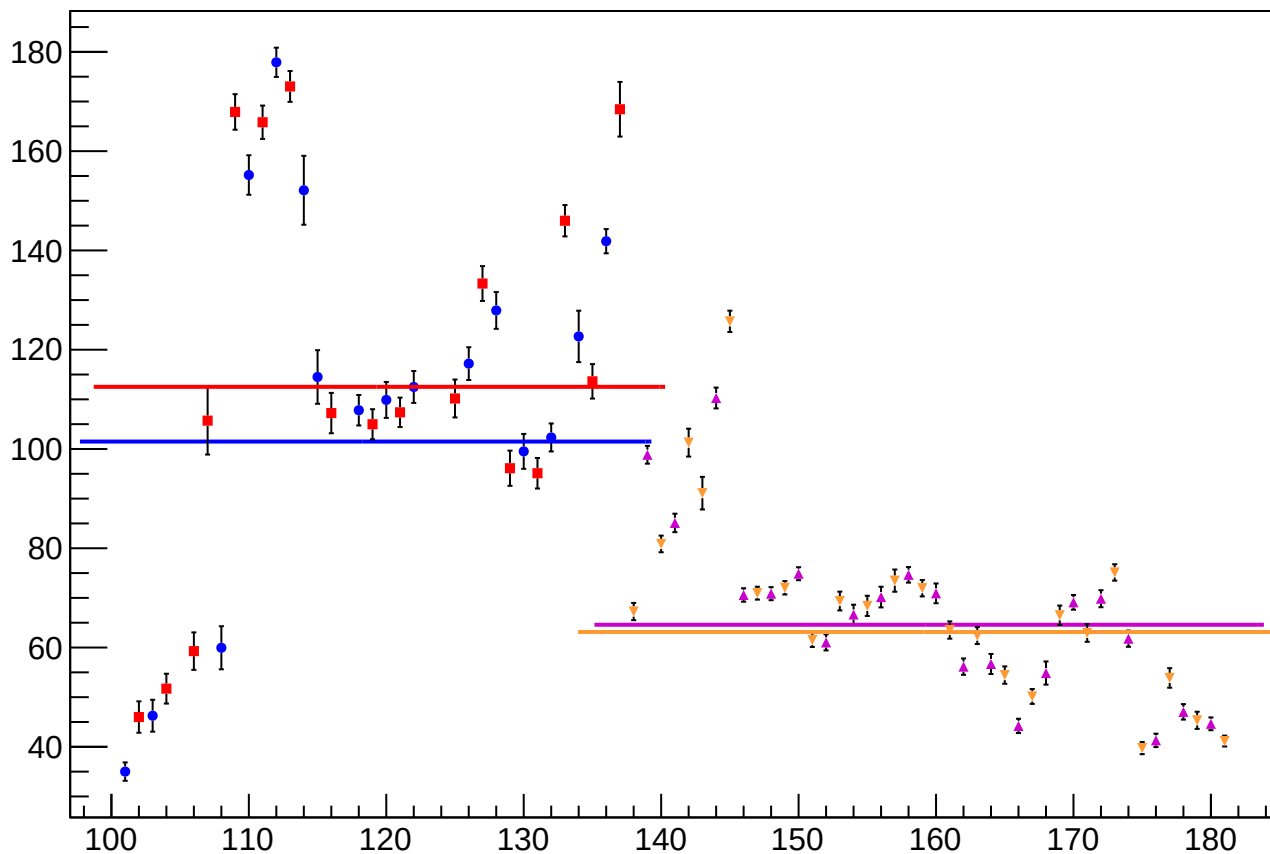
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 2.729 ± 0.225 $\chi^2/\text{NDF}: 947.7/36$

Out: 2.976 ± 0.225 $\chi^2/\text{NDF}: 1078.3/39$

All: 2.853 ± 0.159 $\chi^2/\text{NDF}: 2026.5/76$

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: 63.133 $\pm$ 0.346 χ^2 /NDF: 2412.3/22

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: 63.850 $\pm$ 0.247 χ^2 /NDF: 4494.4/43

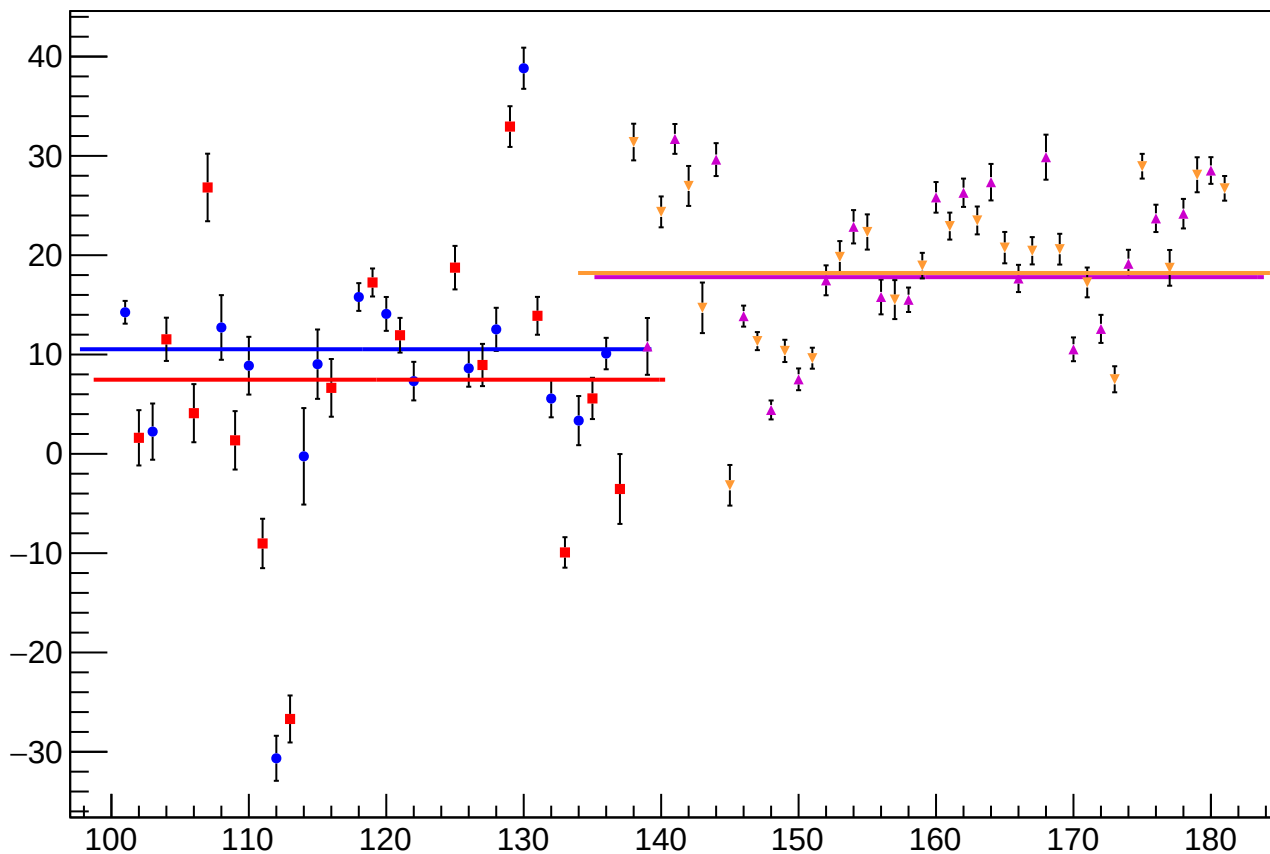
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 70.476 $\pm$ 0.323 χ^2 /NDF: 6798.8/36

Out: 70.267 $\pm$ 0.320 χ^2 /NDF: 7584.3/39

All: 70.370 $\pm$ 0.227 χ^2 /NDF: 14383.3/76

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: 18.210 $\pm$ 0.299 χ^2 /NDF: 631.4/22

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: 18.004 $\pm$ 0.214 χ^2 /NDF: 1357.9/43

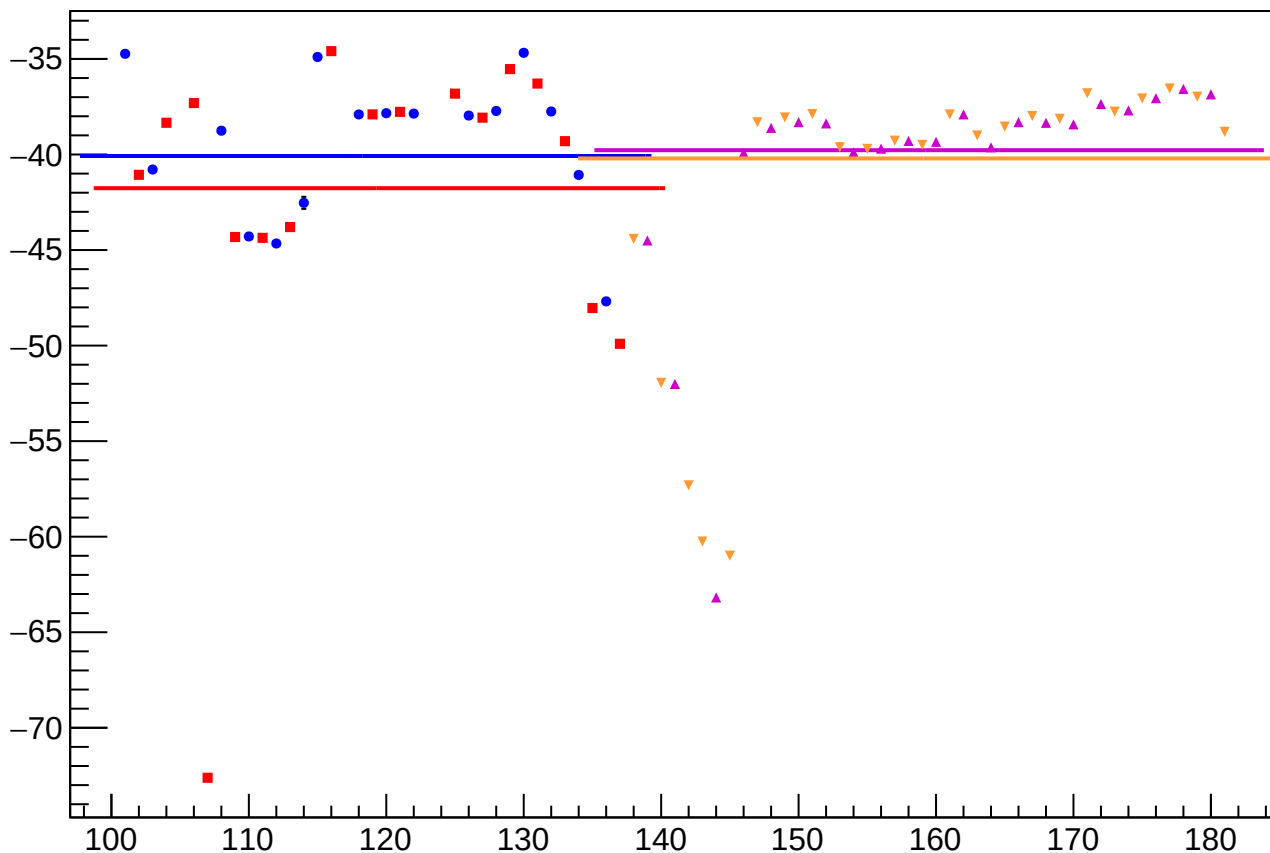
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 15.775 $\pm$ 0.260 χ^2 /NDF: 1462.5/36

Out: 15.577 $\pm$ 0.260 χ^2 /NDF: 1632.4/39

All: 15.676 $\pm$ 0.184 χ^2 /NDF: 3095.2/76

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: -40.206 ± 0.014 χ^2/NDF : 154976.0/22

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: -39.990 ± 0.010 χ^2/NDF : 264768.2/43

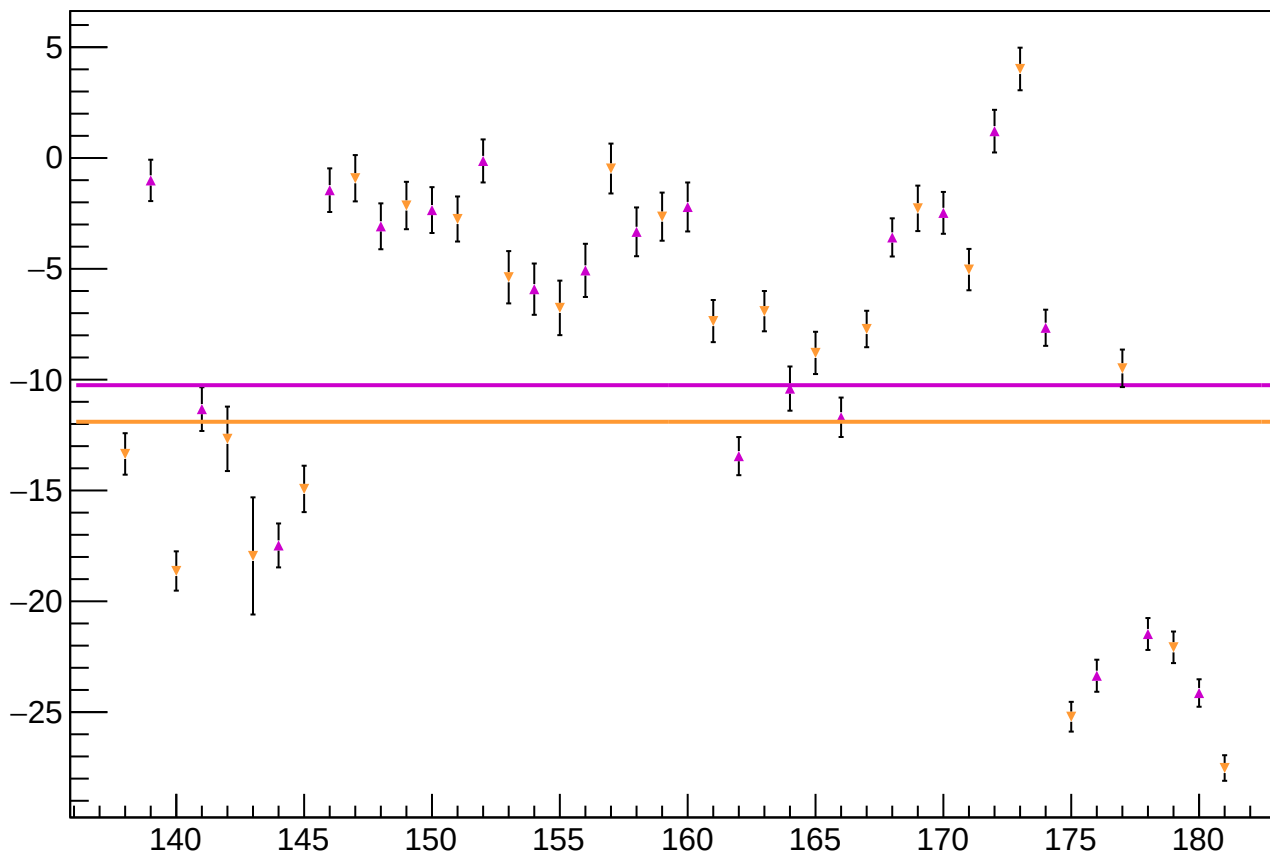
Right: -40.903 ± 0.020 χ^2/NDF : 87139.1/32

In: -39.836 ± 0.013 χ^2/NDF : 134572.6/36

Out: -40.512 ± 0.013 χ^2/NDF : 217566.6/39

All: -40.172 ± 0.009 χ^2/NDF : 353544.1/76

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.900+/-0.195 χ^2/NDF :2416.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.250+/-0.199 χ^2/NDF :1942.1/20

Left: -11.091+/-0.139 χ^2/NDF : 4394.1/43

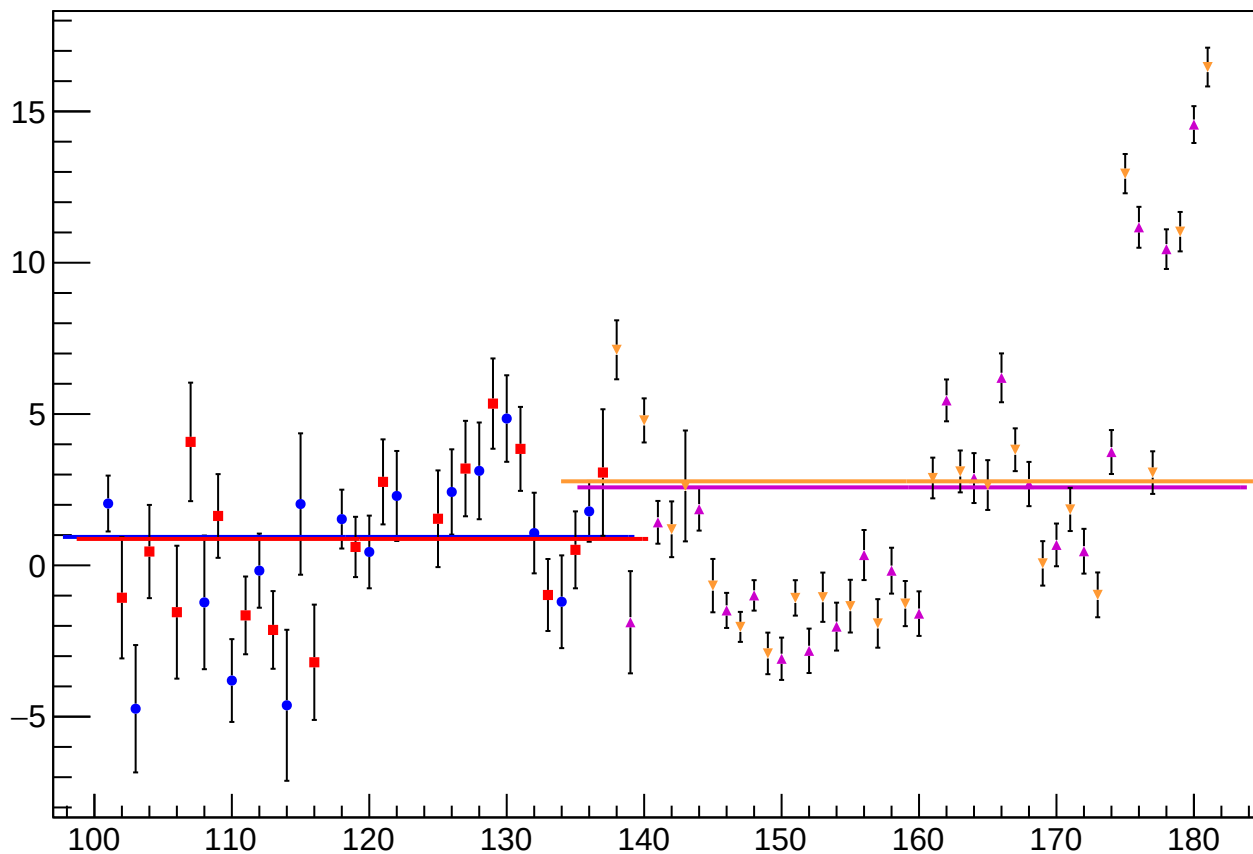
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.250+/-0.199 χ^2/NDF :1942.1/20

Out: -11.900+/-0.195 χ^2/NDF :2416.9/22

All: -11.091+/-0.139 χ^2/NDF : 4394.1/43

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15

Left Out: 2.777 ± 0.151 χ^2/NDF : 1265.9/22

Right Out: 0.873 ± 0.354 χ^2/NDF : 40.6/16

Left In: 2.577 ± 0.155 χ^2/NDF : 1065.6/20

Left: 2.679 ± 0.108 χ^2/NDF : 2332.4/43

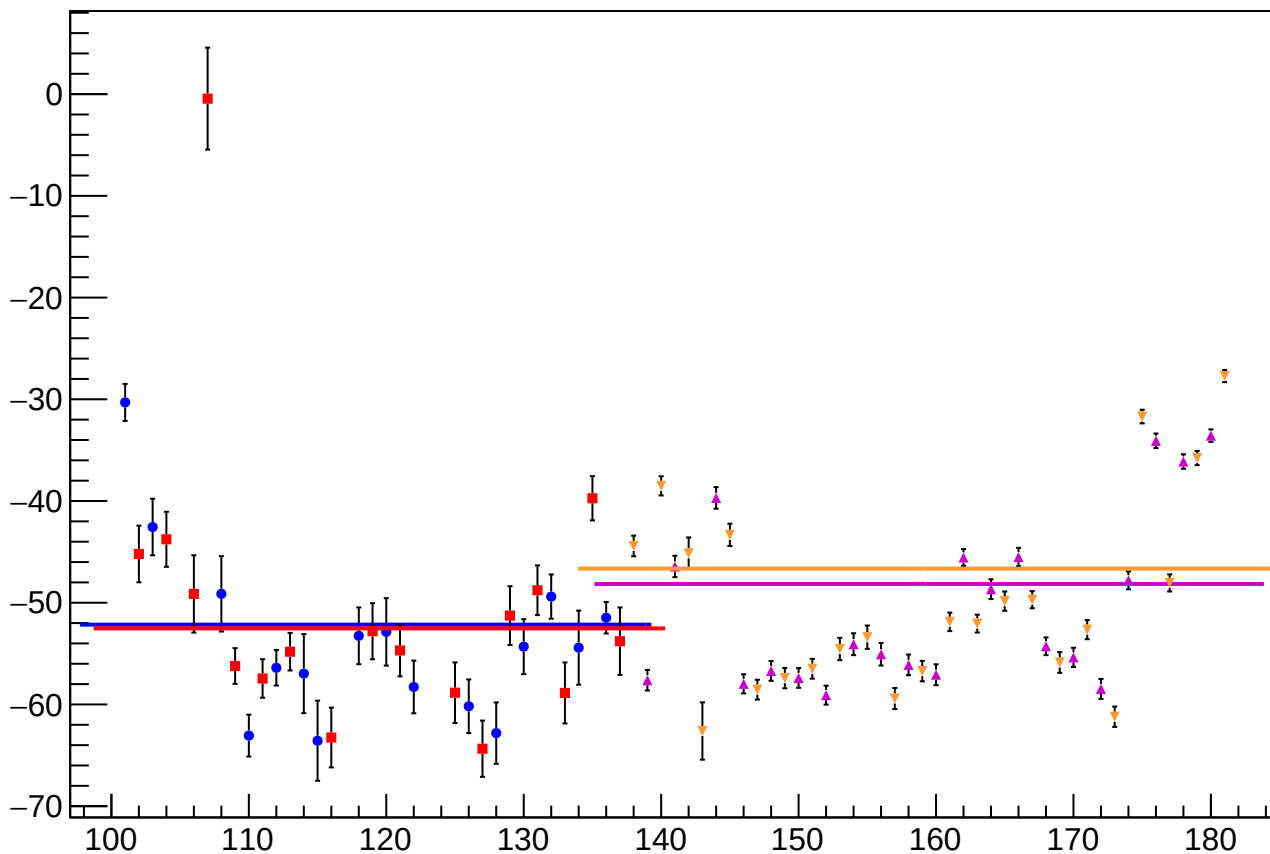
Right: 0.908 ± 0.245 χ^2/NDF : 82.8/32

In: 2.294 ± 0.141 χ^2/NDF : 1127.2/36

Out: 2.482 ± 0.139 χ^2/NDF : 1330.9/39

All: 2.389 ± 0.099 χ^2/NDF : 2459.0/76

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: -46.644 ± 0.194 χ^2/NDF : 2990.5/22

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: -47.390 ± 0.138 χ^2/NDF : 5261.8/43

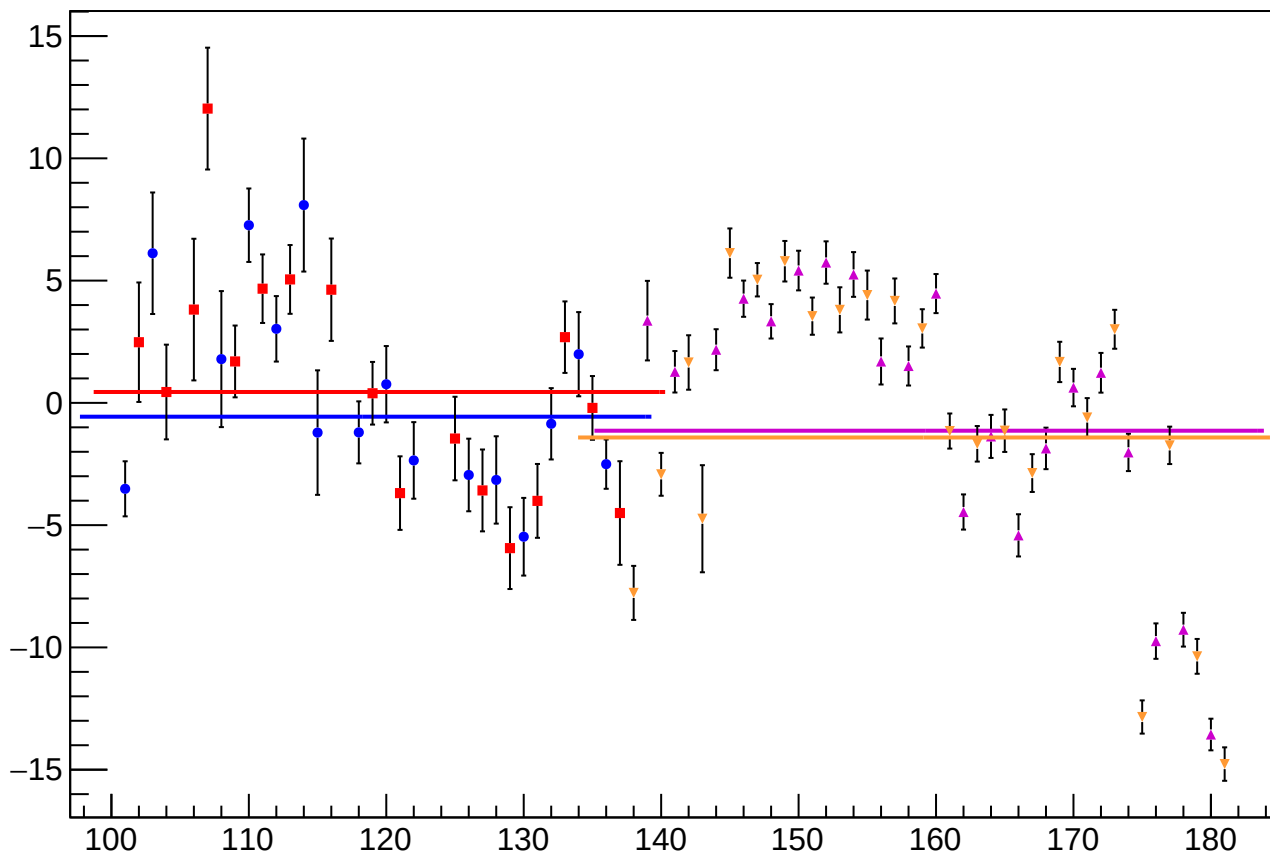
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -48.534 ± 0.187 χ^2/NDF : 2510.7/36

Out: -47.170 ± 0.185 χ^2/NDF : 3290.6/39

All: -47.843 ± 0.132 χ^2/NDF : 5828.2/76

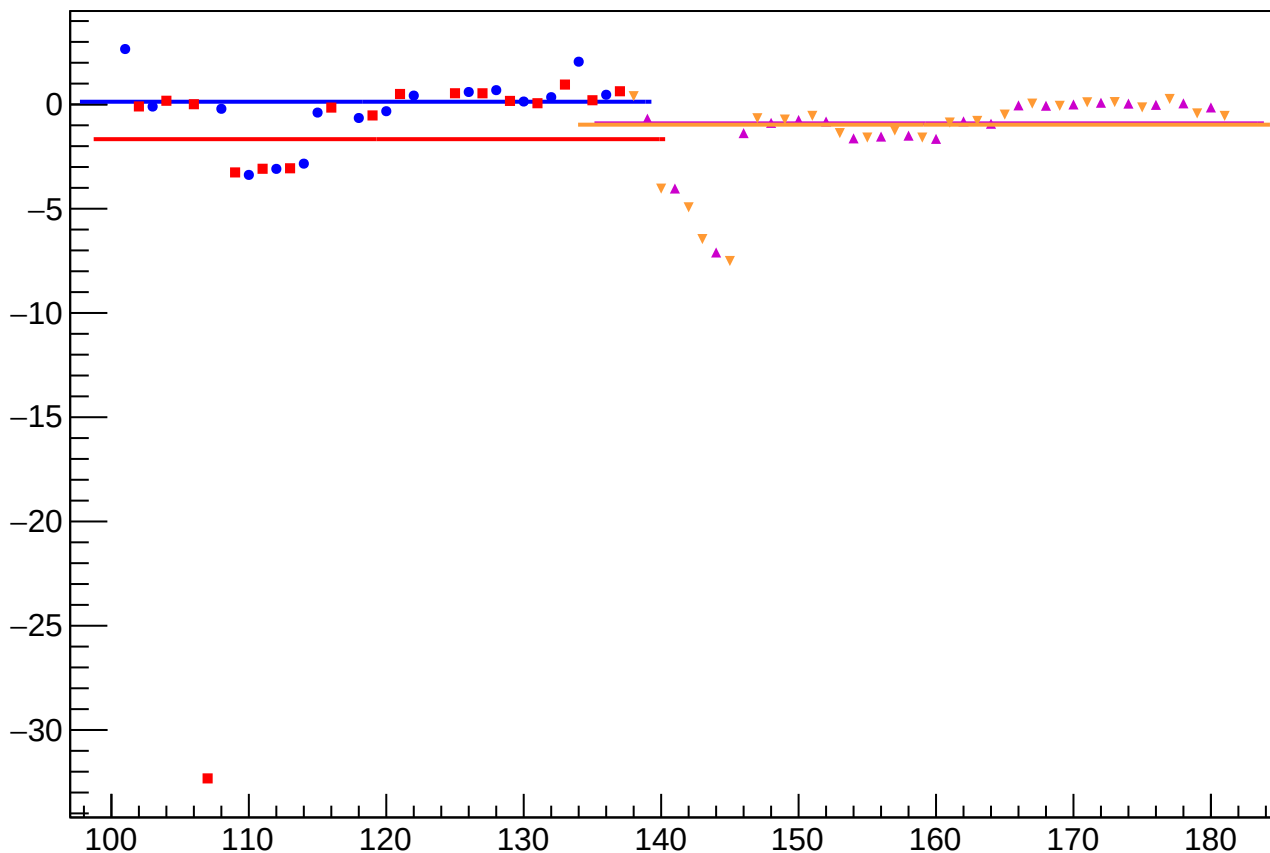
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$
 Left Out: -1.415 ± 0.172 $\chi^2/\text{NDF}: 1316.7/22$
 Right Out: 0.445 ± 0.400 $\chi^2/\text{NDF}: 94.1/16$
 Left In: -1.138 ± 0.175 $\chi^2/\text{NDF}: 1081.9/20$

Left: -1.279 ± 0.123 $\chi^2/\text{NDF}: 2399.9/43$
 Right: -0.080 ± 0.277 $\chi^2/\text{NDF}: 179.3/32$
 In: -1.040 ± 0.159 $\chi^2/\text{NDF}: 1165.5/36$
 Out: -1.126 ± 0.158 $\chi^2/\text{NDF}: 1429.1/39$
 All: -1.083 ± 0.112 $\chi^2/\text{NDF}: 2594.8/76$

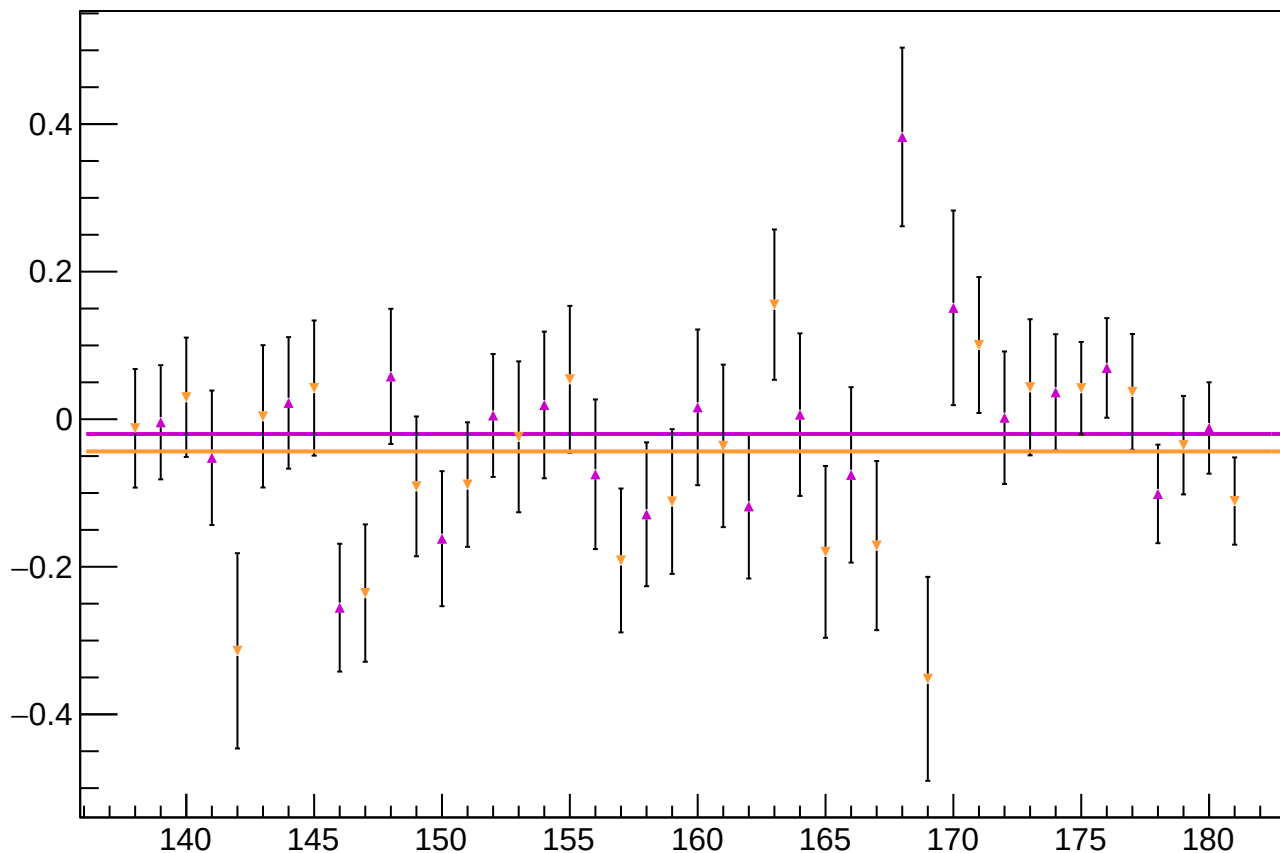
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.969 ± 0.008 $\chi^2/\text{NDF}: 43081.7/22$
 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: -0.938 ± 0.006 $\chi^2/\text{NDF}: 73695.0/43$
 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: -1.050 ± 0.007 $\chi^2/\text{NDF}: 121576.6/39$
 All: -0.916 ± 0.005 $\chi^2/\text{NDF}: 160080.9/76$

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: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

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: -0.032 $\pm$ 0.013 χ^2 /NDF: 65.2/43

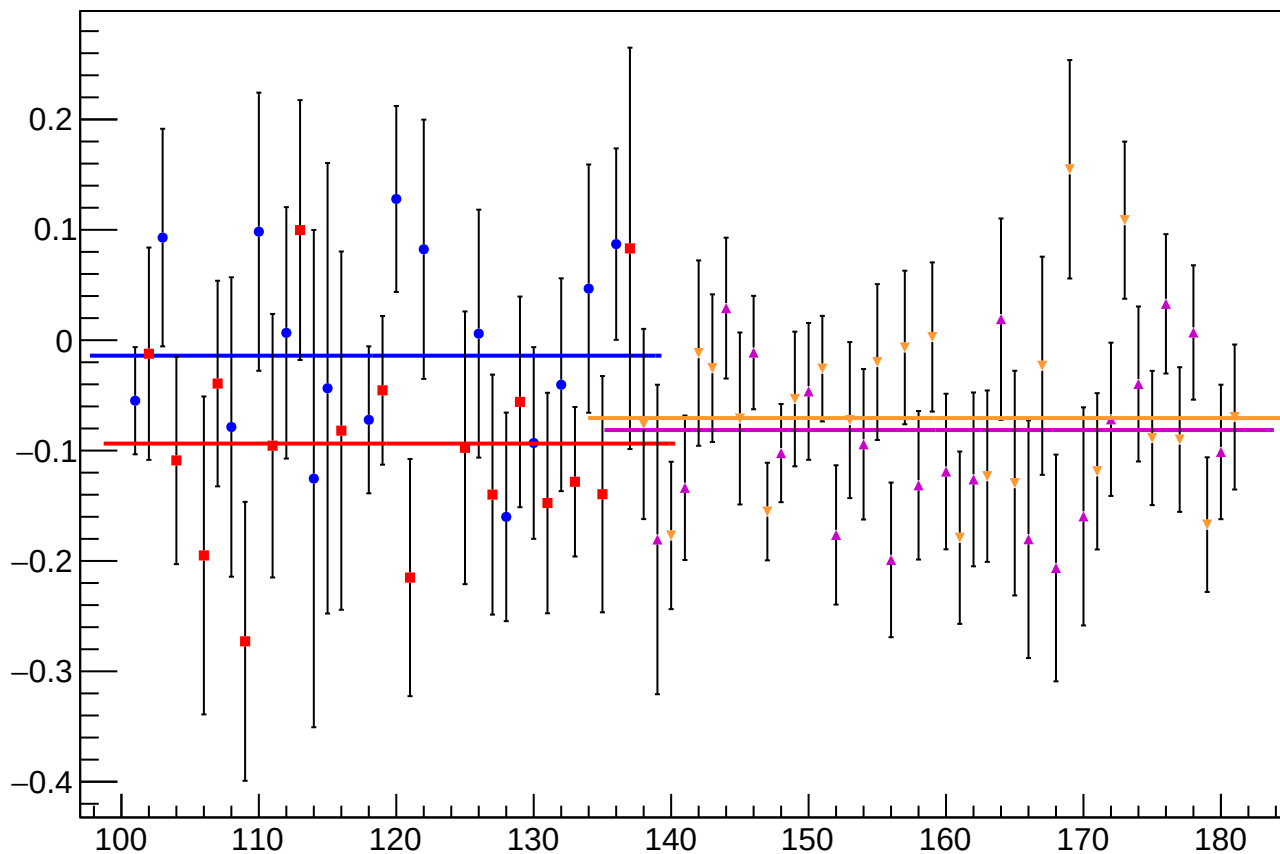
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.020 $\pm$ 0.019 χ^2 /NDF:30.7/20

Out: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

All: -0.032 $\pm$ 0.013 χ^2 /NDF: 65.2/43

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 ± 0.014 χ^2/NDF : 28.3/22

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 : 51.4/43

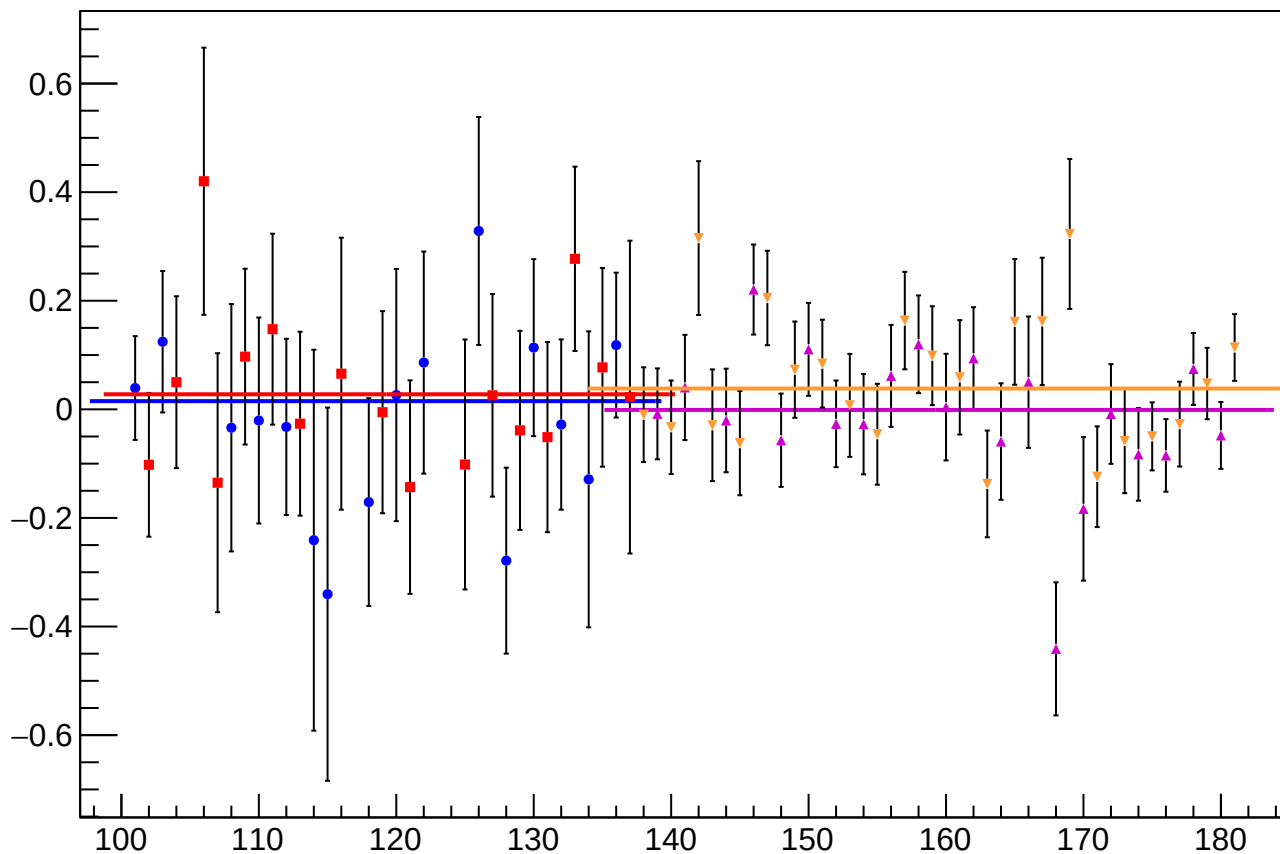
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.062 ± 0.013 χ^2/NDF : 41.3/36

Out: -0.076 ± 0.012 χ^2/NDF : 39.0/39

All: -0.069 ± 0.009 χ^2/NDF : 81.0/76

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 ± 0.043 $\chi^2/\text{NDF}: 10.1/15$

Left Out: 0.038 ± 0.018 $\chi^2/\text{NDF}: 31.8/22$

Right Out: 0.028 ± 0.045 $\chi^2/\text{NDF}: 8.4/16$

Left In: -0.001 ± 0.019 $\chi^2/\text{NDF}: 32.6/20$

Left: 0.019 ± 0.013 $\chi^2/\text{NDF}: 66.6/43$

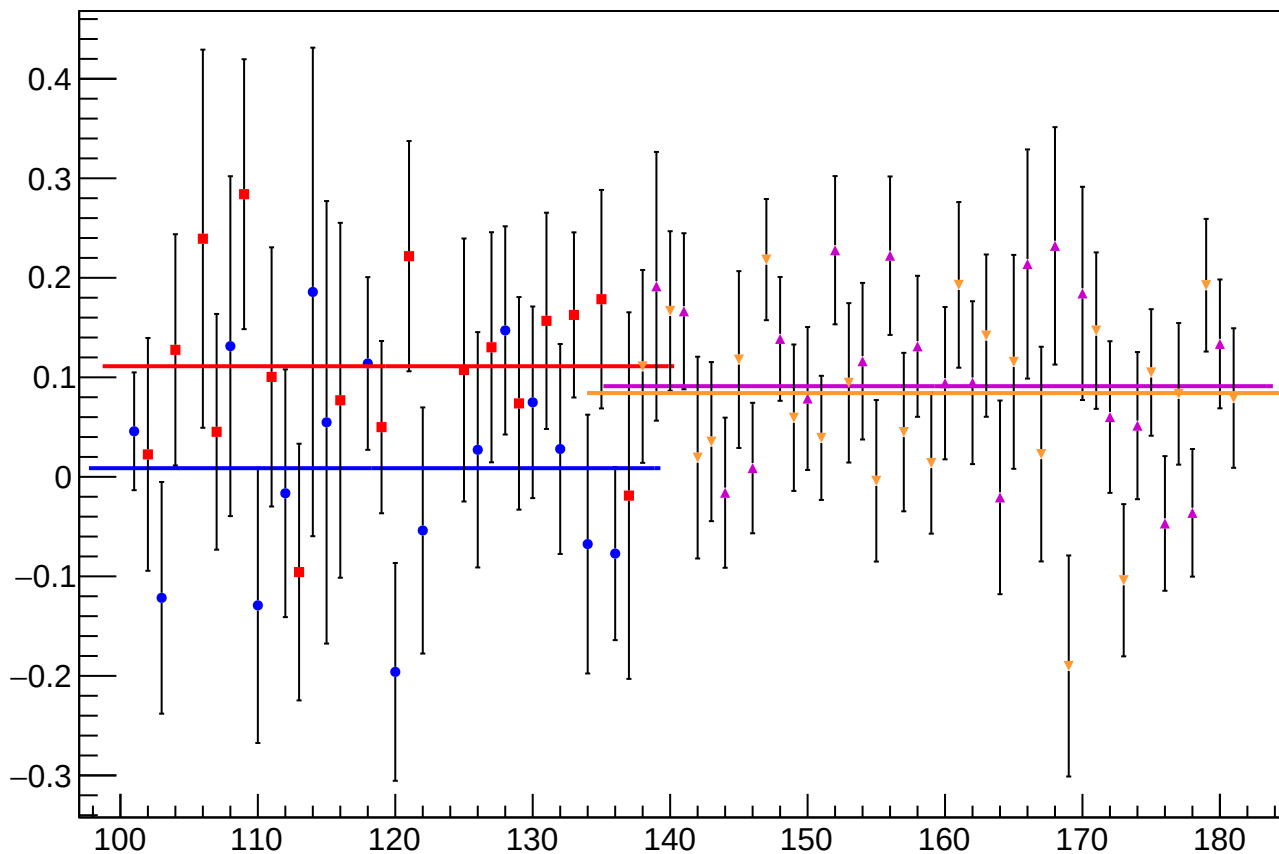
Right: 0.021 ± 0.031 $\chi^2/\text{NDF}: 18.6/32$

In: 0.002 ± 0.017 $\chi^2/\text{NDF}: 42.8/36$

Out: 0.037 ± 0.017 $\chi^2/\text{NDF}: 40.3/39$

All: 0.020 ± 0.012 $\chi^2/\text{NDF}: 85.2/76$

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 $\pm$ 0.016 χ^2 /NDF:28.1/22

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: 54.0/43

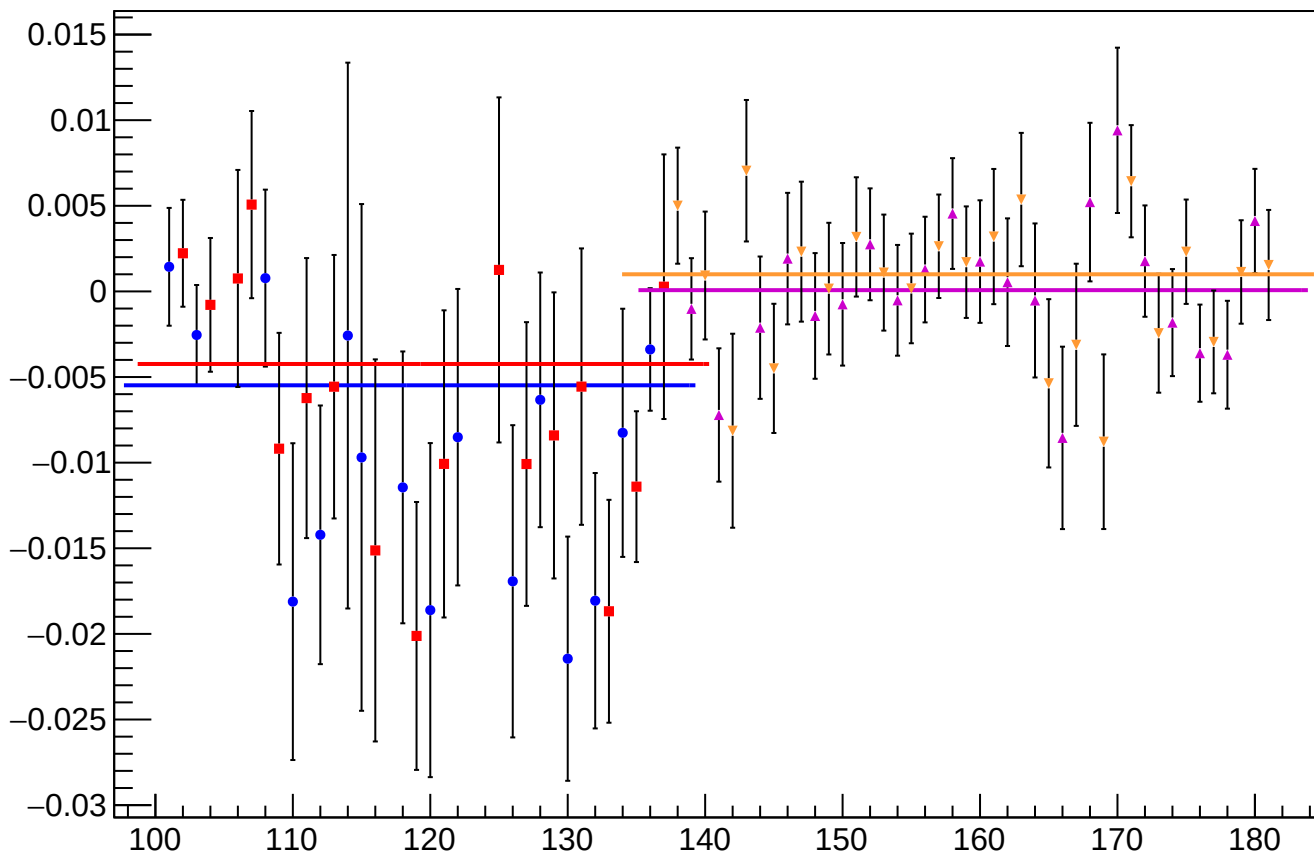
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.068 $\pm$ 0.014 χ^2 /NDF:45.1/36

Out: 0.091 $\pm$ 0.014 χ^2 /NDF:37.4/39

All: 0.079 $\pm$ 0.010 χ^2 /NDF: 83.8/76

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:22.6/22

Right Out: -0.004 $\pm$ 0.001 χ^2 /NDF: 23.7/16

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:20.5/20

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 43.8/43

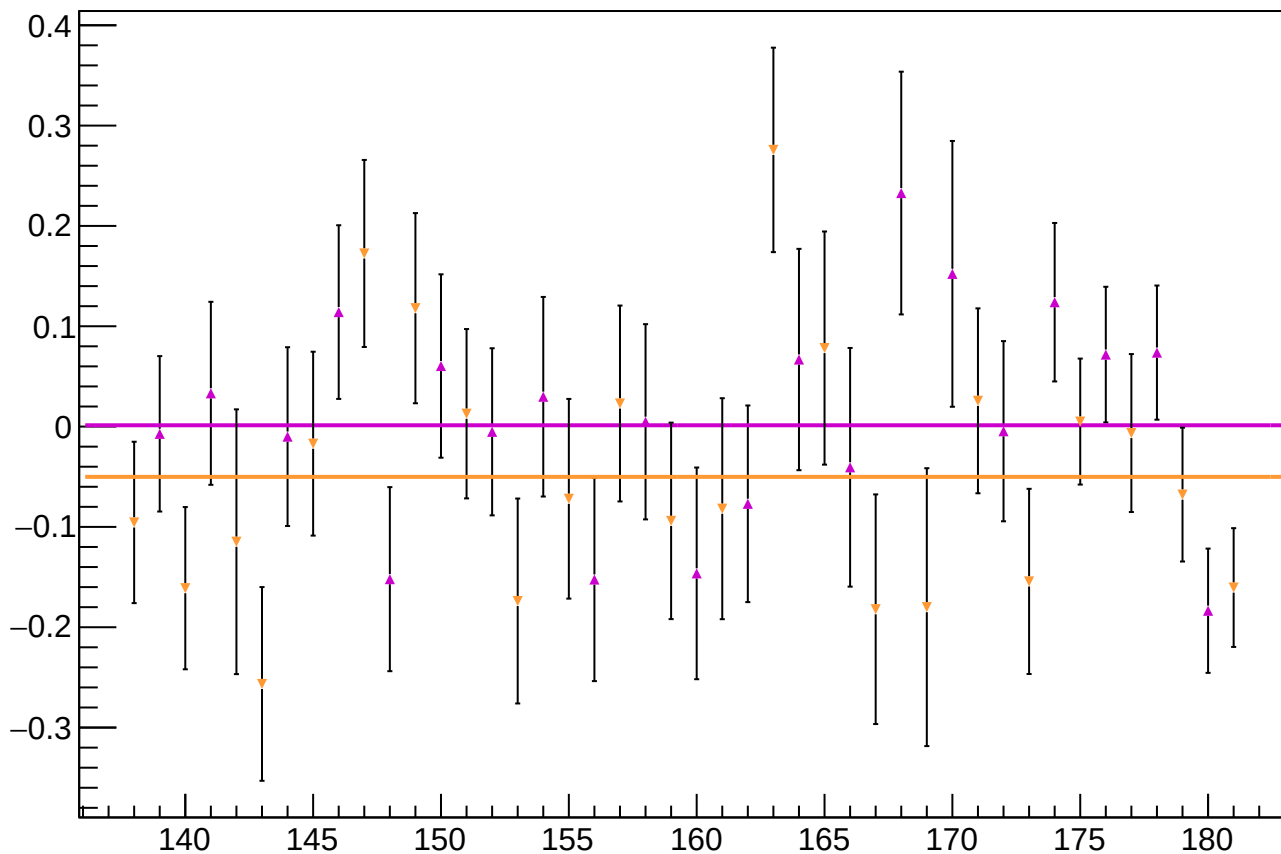
Right: -0.005 $\pm$ 0.001 χ^2 /NDF: 46.3/32

In: -0.001 $\pm$ 0.001 χ^2 /NDF:54.4/36

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:56.4/39

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 112.0/76

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: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22

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: -0.025 $\pm$ 0.013 χ^2 /NDF: 71.9/43

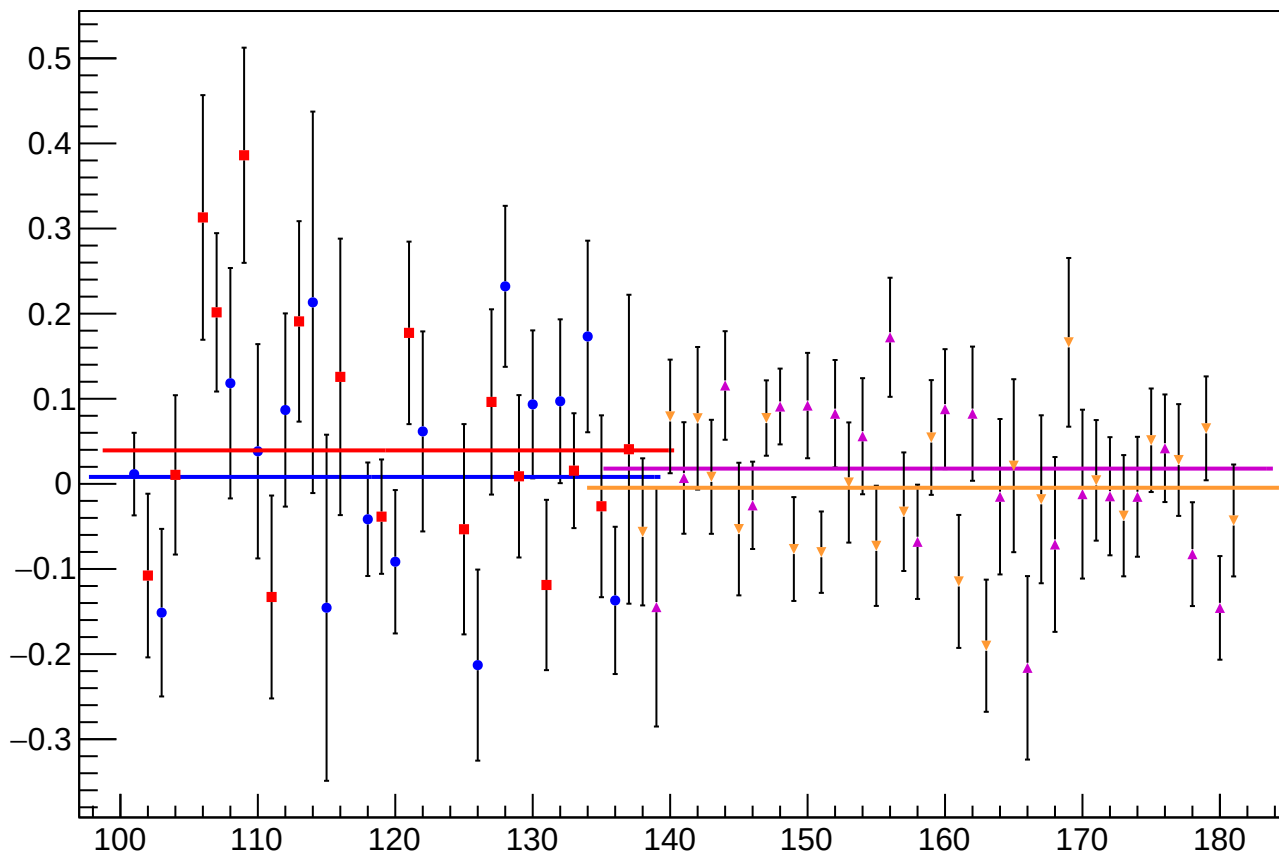
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.001 $\pm$ 0.019 χ^2 /NDF:29.1/20

Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22

All: -0.025 $\pm$ 0.013 χ^2 /NDF: 71.9/43

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: -0.005 ± 0.014 χ^2/NDF : 26.2/22

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: 0.006 ± 0.010 χ^2/NDF : 61.7/43

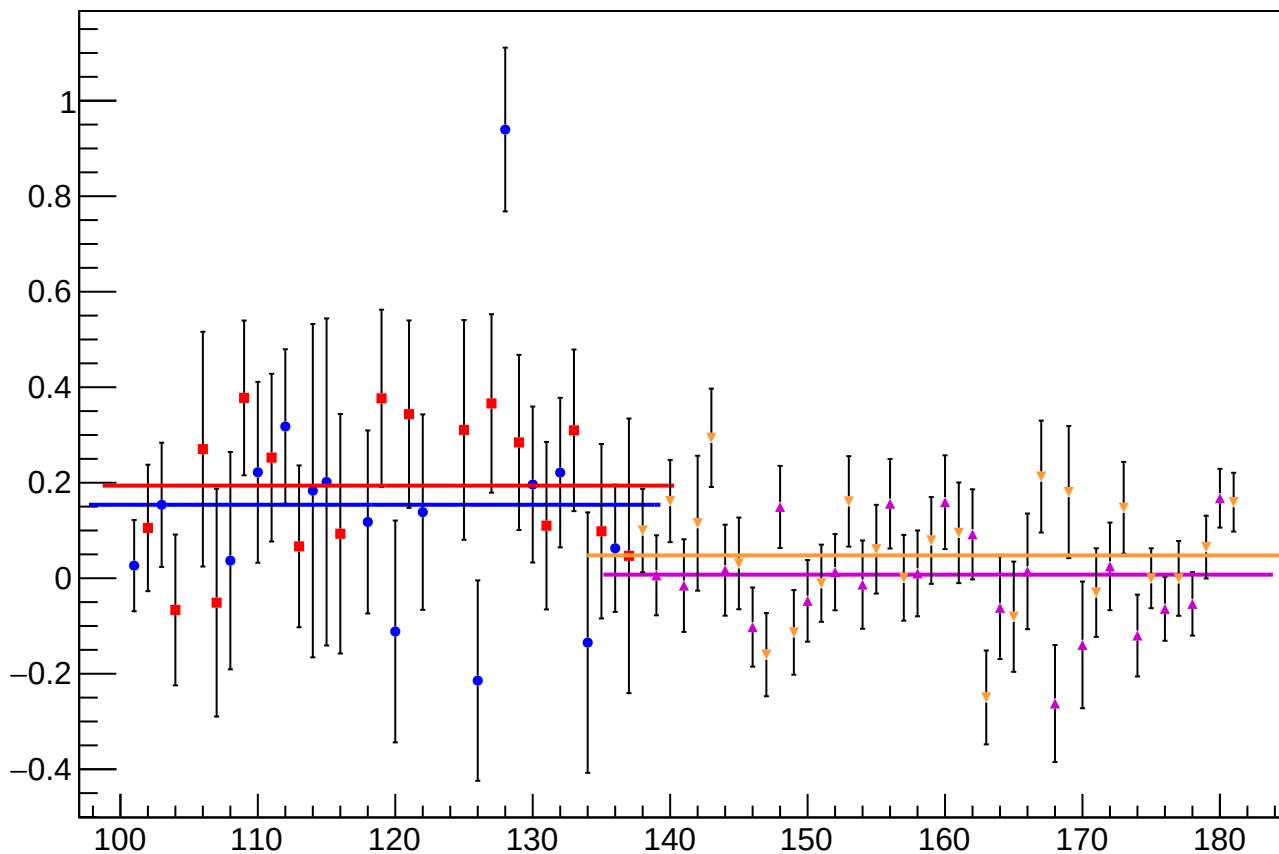
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.015 ± 0.013 χ^2/NDF : 58.1/36

Out: 0.006 ± 0.012 χ^2/NDF : 56.2/39

All: 0.011 ± 0.009 χ^2/NDF : 114.5/76

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.048 ± 0.018 χ^2/NDF : 39.0/22

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.008 ± 0.019 χ^2/NDF : 28.2/20

Left: 0.028 ± 0.013 χ^2/NDF : 69.6/43

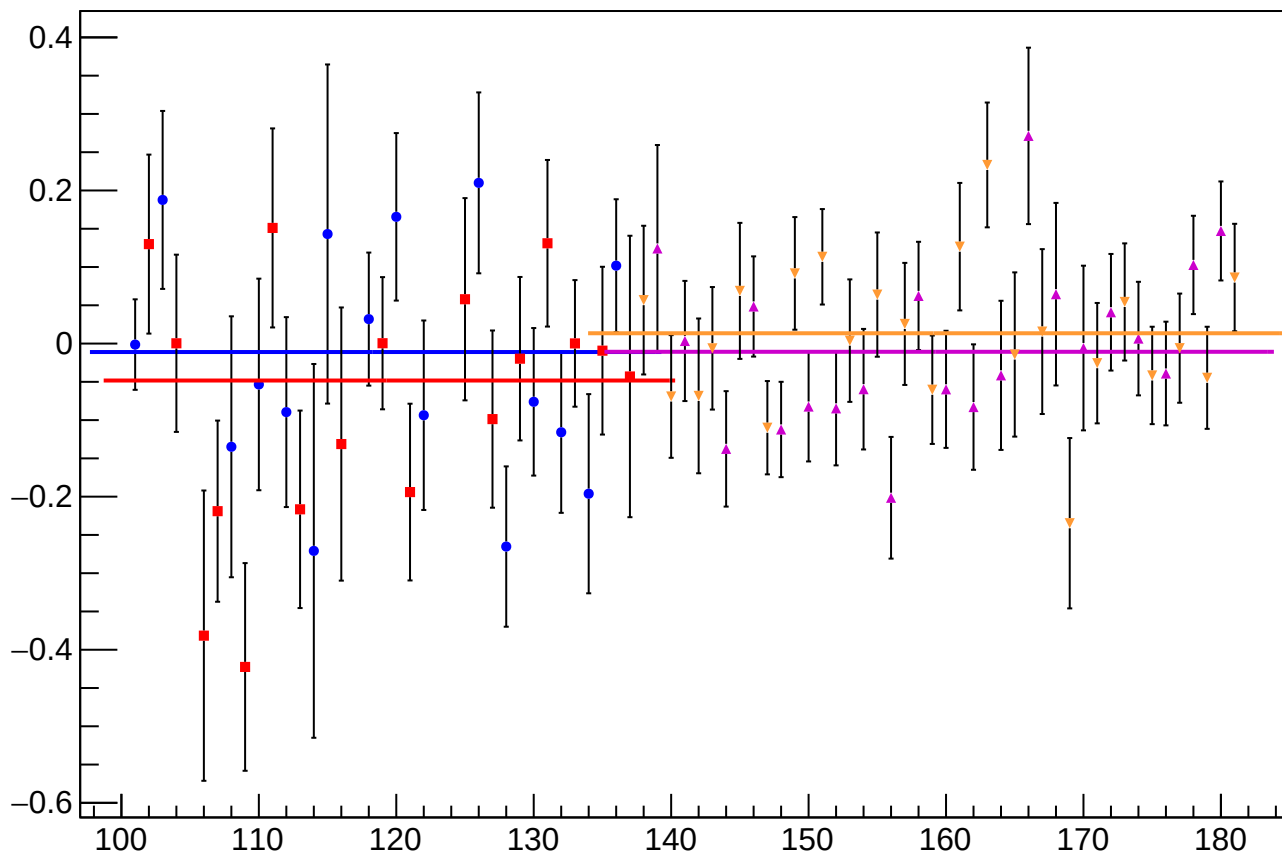
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.032 ± 0.017 χ^2/NDF : 68.5/36

Out: 0.069 ± 0.017 χ^2/NDF : 58.6/39

All: 0.051 ± 0.012 χ^2/NDF : 129.4/76

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011±/0.027 χ^2/NDF : 23.4/15

Left Out: 0.013±/0.016 χ^2/NDF :29.0/22

Right Out: -0.048±/0.029 χ^2/NDF : 25.6/16

Left In: -0.011±/0.017 χ^2/NDF :34.0/20

Left: 0.002±/0.012 χ^2/NDF : 64.0/43

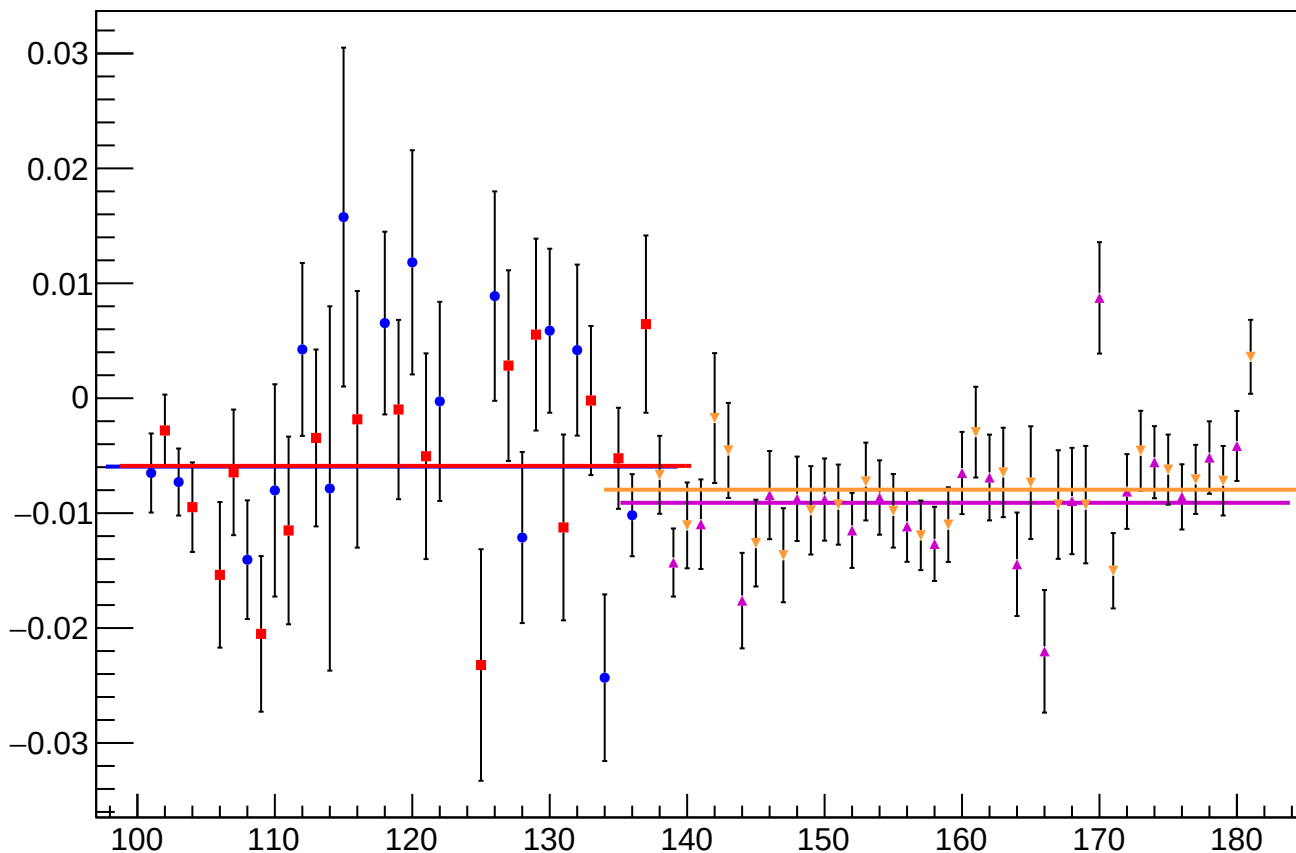
Right: -0.029±/0.020 χ^2/NDF : 49.9/32

In: -0.011±/0.014 χ^2/NDF :57.4/36

Out: -0.002±/0.014 χ^2/NDF :58.1/39

All: -0.006±/0.010 χ^2/NDF : 115.7/76

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: -0.008 $\pm$ 0.001 χ^2 /NDF:30.4/22

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: 68.6/43

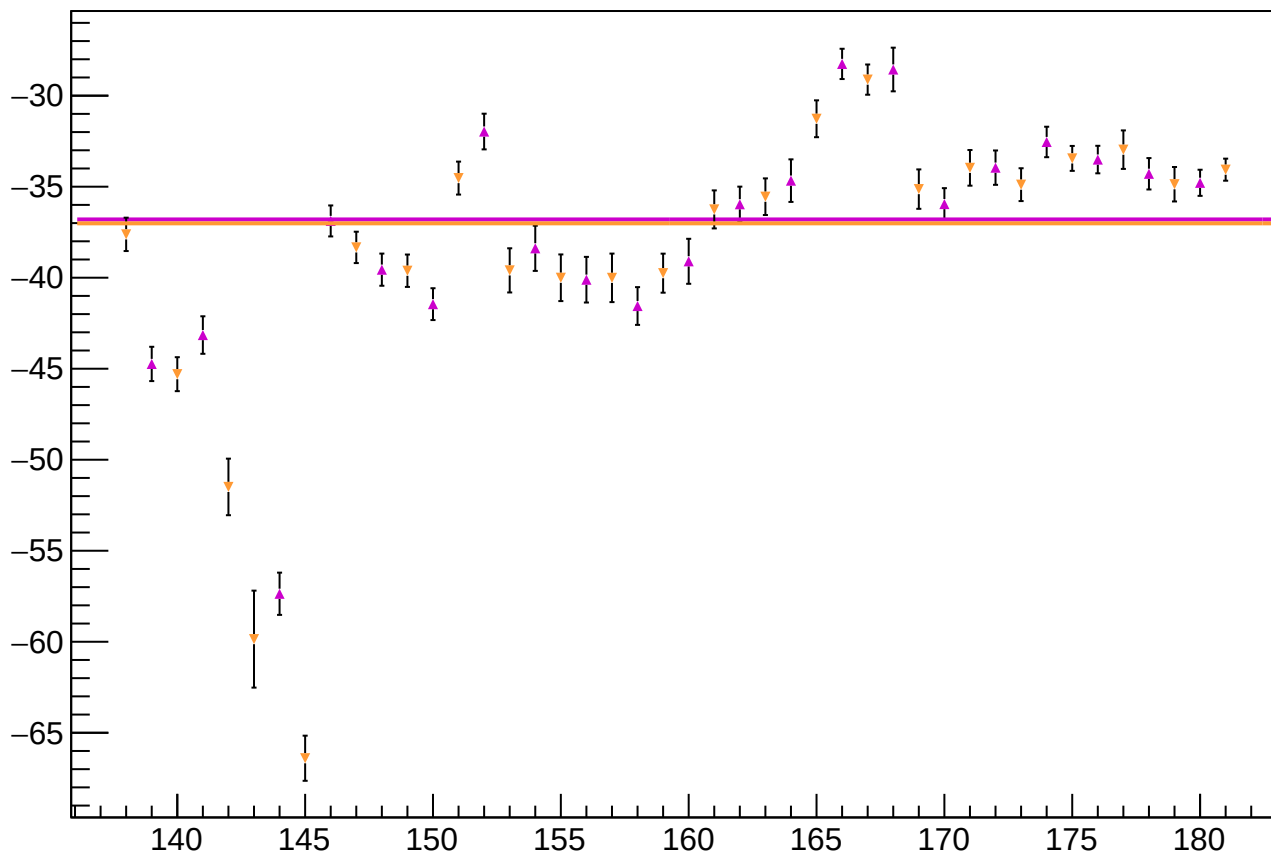
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 48.3/32

In: -0.008 $\pm$ 0.001 χ^2 /NDF:69.5/36

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:51.6/39

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 122.0/76

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: -37.014+/-0.202 χ^2/NDF :1055.9/22

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: -36.909+/-0.144 χ^2/NDF : 1802.9/43

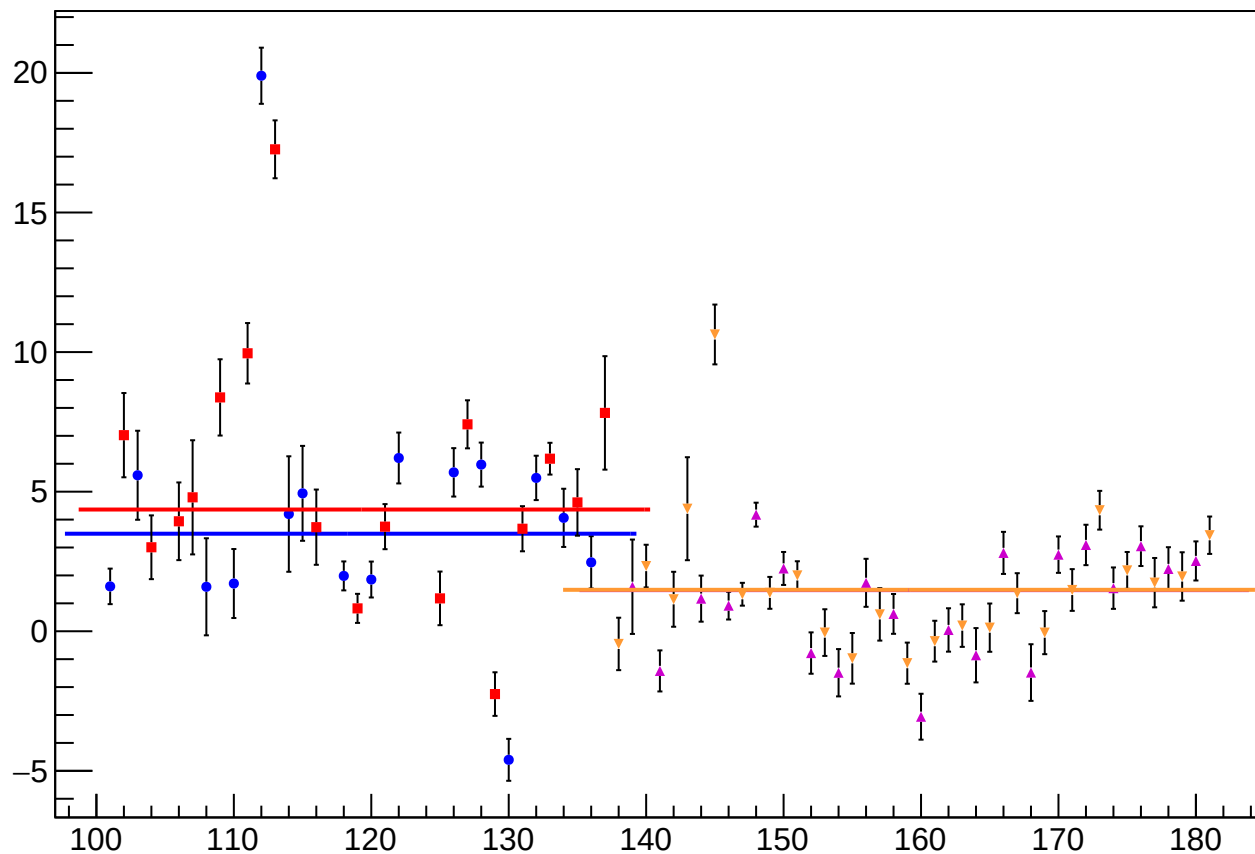
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.799+/-0.206 χ^2/NDF :746.4/20

Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

All: -36.909+/-0.144 χ^2/NDF : 1802.9/43

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.484 ± 0.152 $\chi^2/\text{NDF}: 149.0/22$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.473 ± 0.156 $\chi^2/\text{NDF}: 149.3/20$

Left: 1.479 ± 0.109 $\chi^2/\text{NDF}: 298.3/43$

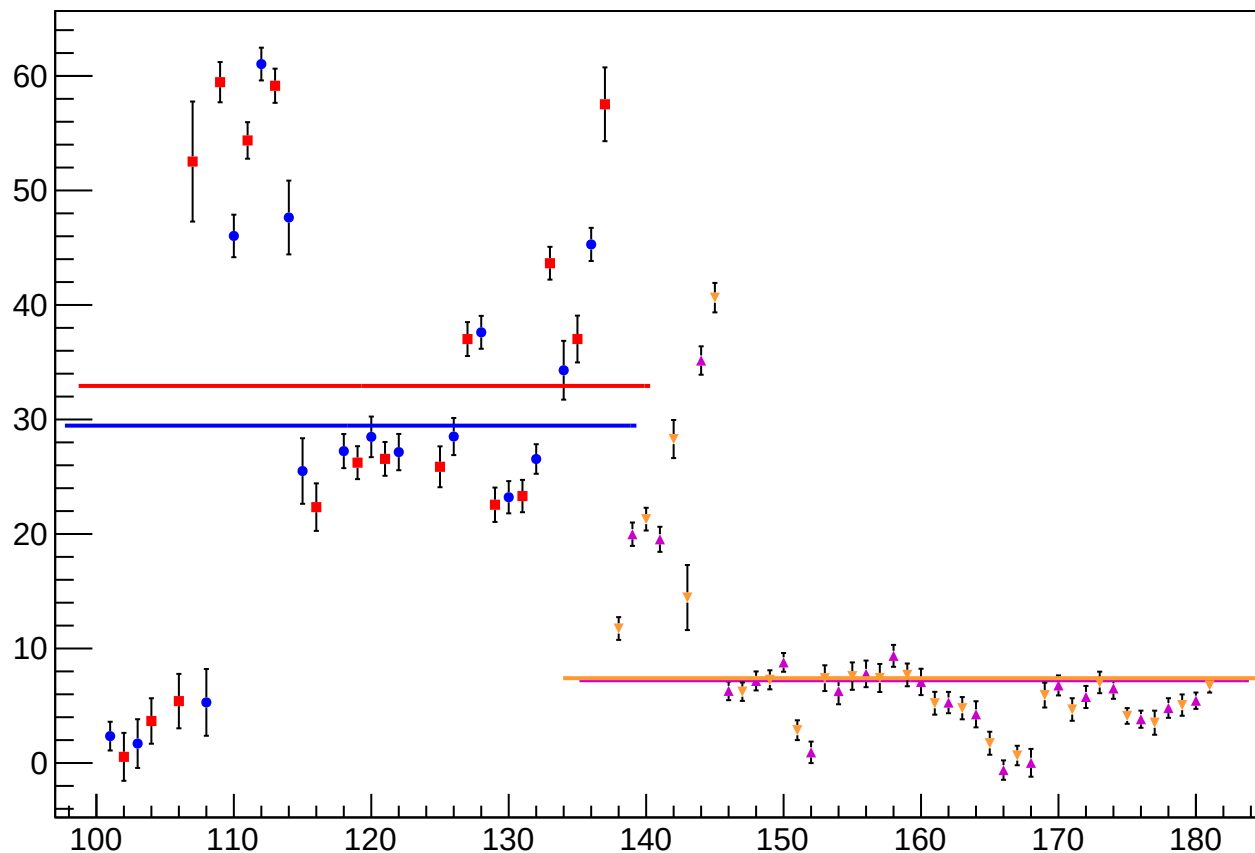
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.158 ± 0.127 $\chi^2/\text{NDF}: 651.2/36$

Out: 2.385 ± 0.126 $\chi^2/\text{NDF}: 611.8/39$

All: 2.272 ± 0.089 $\chi^2/\text{NDF}: 1264.6/76$

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 7.409 $\pm$ 0.201 χ^2 /NDF:1236.7/22

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 7.226 $\pm$ 0.204 χ^2 /NDF:1014.8/20

Left: 7.319 $\pm$ 0.143 χ^2 /NDF: 2252.0/43

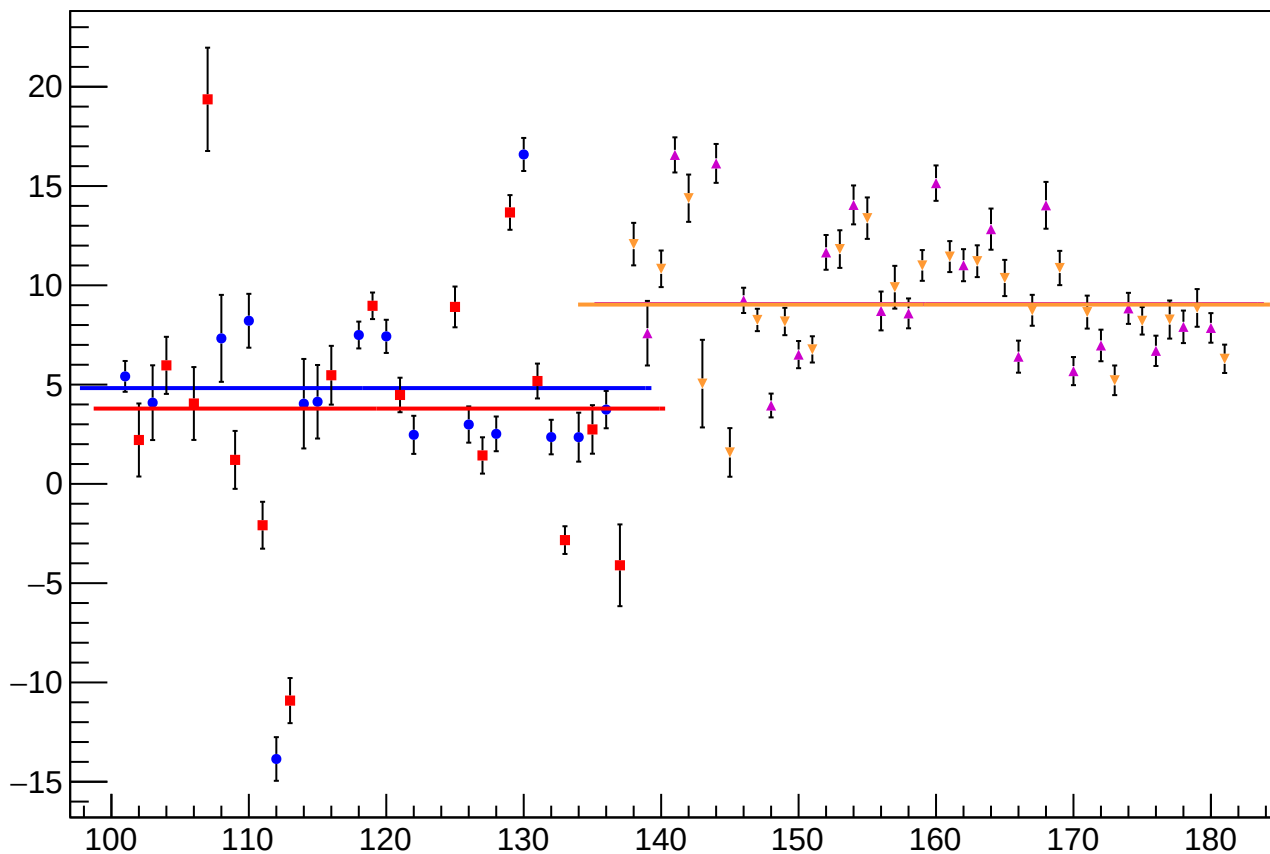
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 11.504 $\pm$ 0.183 χ^2 /NDF:4797.2/36

Out: 12.097 $\pm$ 0.182 χ^2 /NDF:5825.6/39

All: 11.803 $\pm$ 0.129 χ^2 /NDF: 10628.1/76

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: 9.031 $\pm$ 0.175 χ^2 /NDF:187.5/22

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: 9.044 $\pm$ 0.125 χ^2 /NDF: 572.7/43

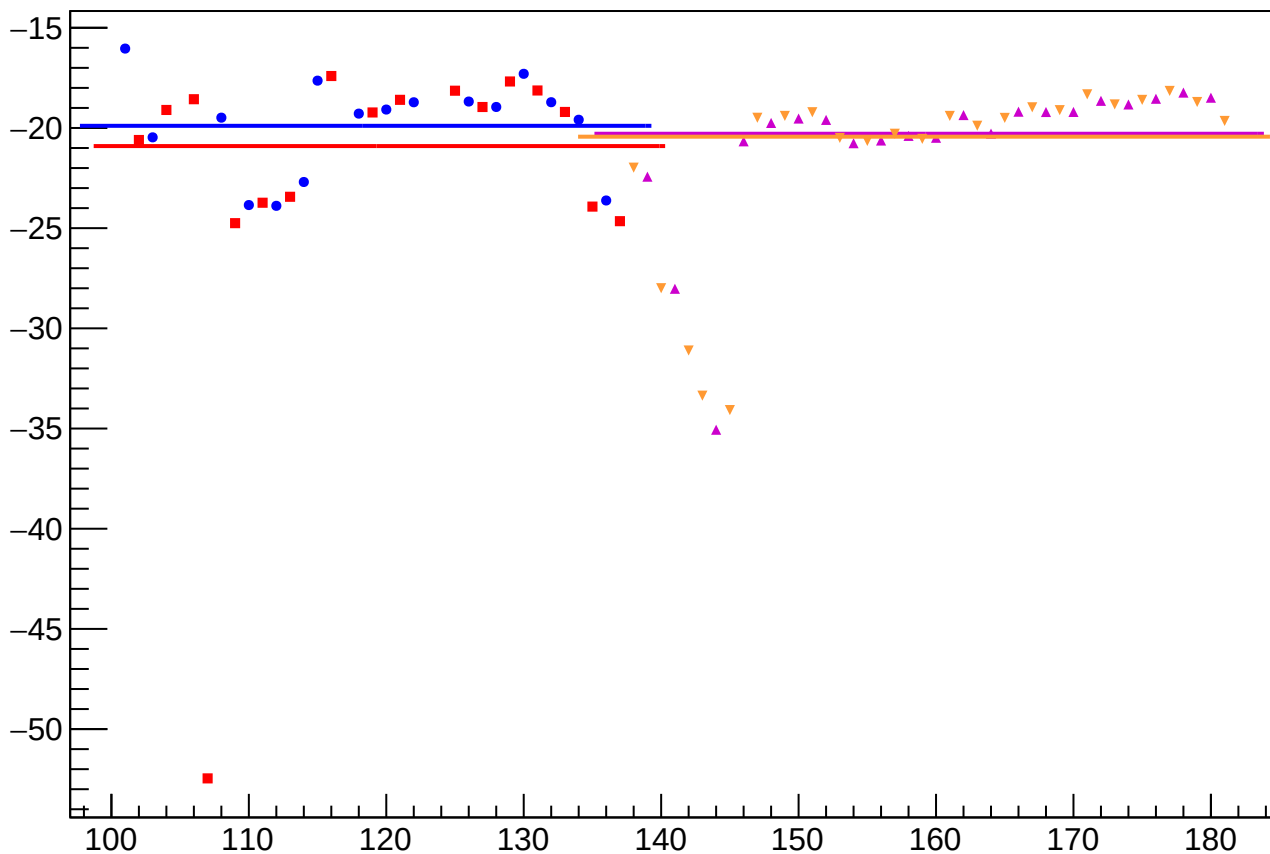
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.642 $\pm$ 0.146 χ^2 /NDF:1126.5/36

Out: 7.388 $\pm$ 0.145 χ^2 /NDF:1032.0/39

All: 7.515 $\pm$ 0.103 χ^2 /NDF: 2160.0/76

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: -20.435 ± 0.008 $\chi^2/\text{NDF}: 163245.4/22$

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: -20.361 ± 0.006 $\chi^2/\text{NDF}: 287865.6/43$

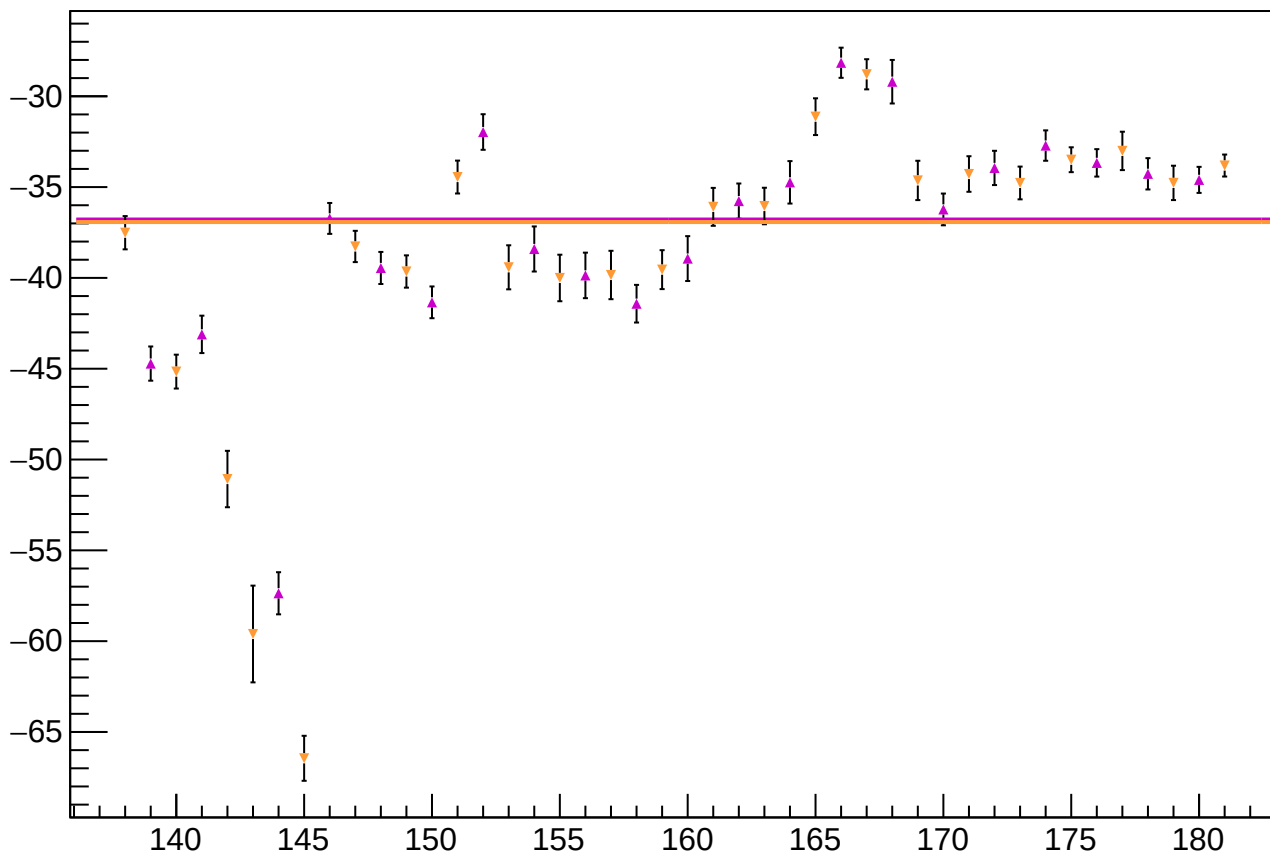
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.202 ± 0.007 $\chi^2/\text{NDF}: 151058.9/36$

Out: -20.536 ± 0.007 $\chi^2/\text{NDF}: 256743.8/39$

All: -20.368 ± 0.005 $\chi^2/\text{NDF}: 408851.1/76$

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: -36.925+/-0.202 χ^2/NDF :1060.4/22

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: -36.857+/-0.144 χ^2/NDF : 1795.7/43

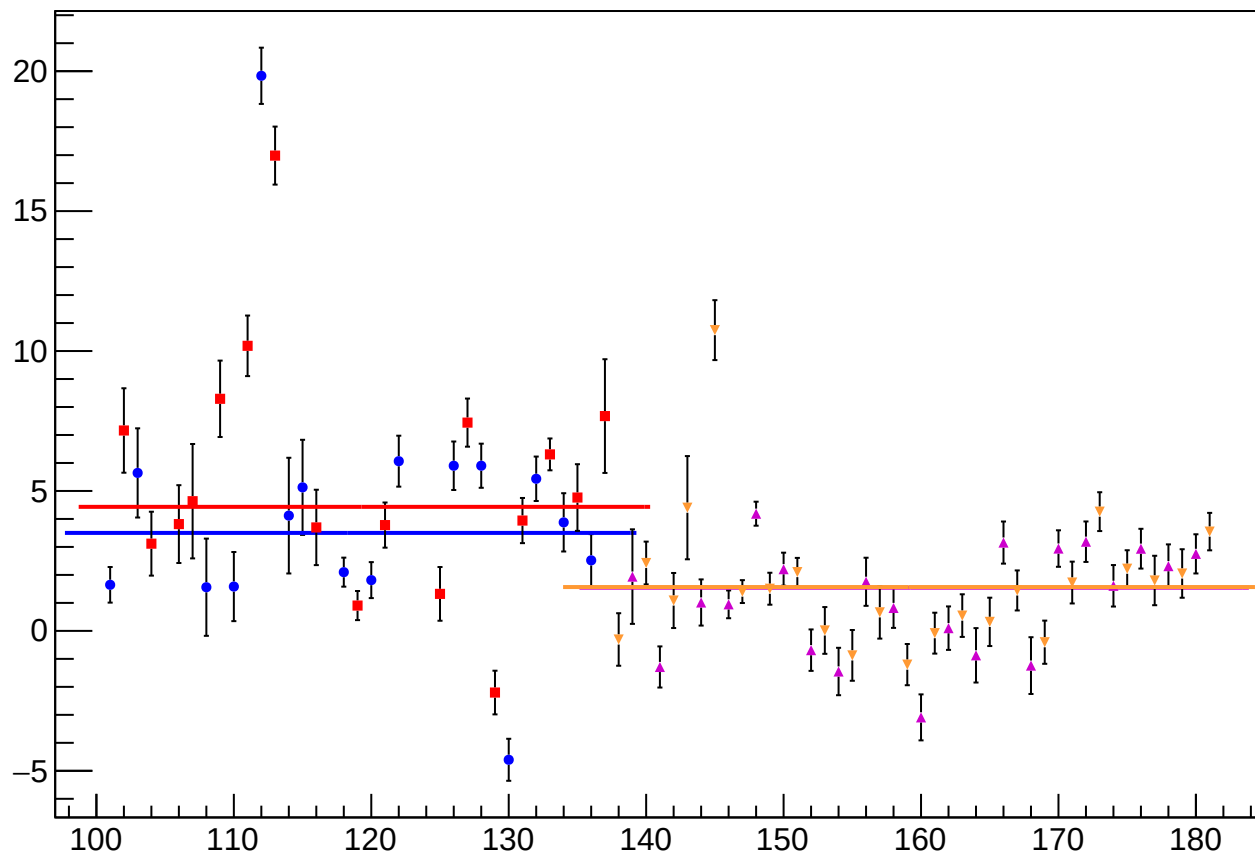
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.786+/-0.206 χ^2/NDF :735.0/20

Out: -36.925+/-0.202 χ^2/NDF :1060.4/22

All: -36.857+/-0.144 χ^2/NDF : 1795.7/43

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: 1.566 ± 0.152 χ^2/NDF : 149.2/22

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: 1.555 ± 0.109 χ^2/NDF : 299.1/43

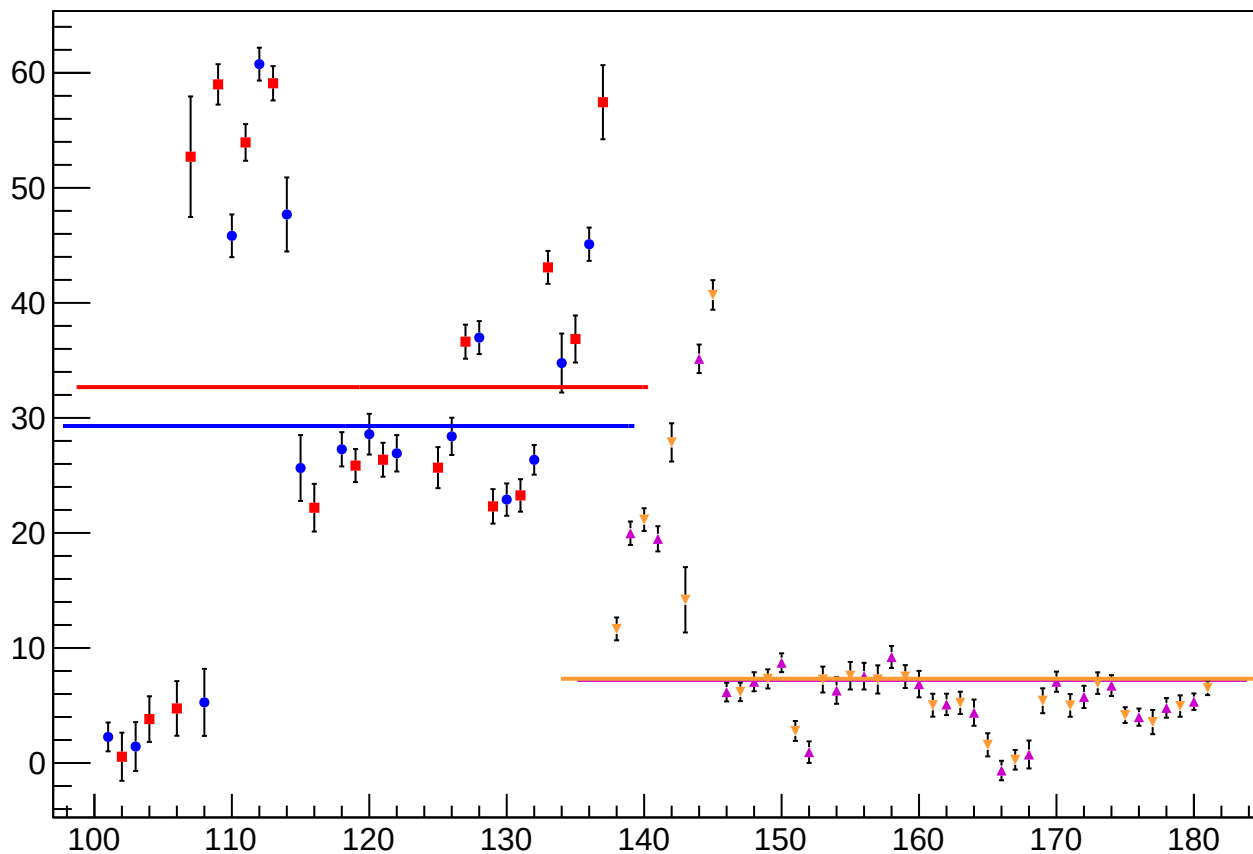
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.206 ± 0.127 χ^2/NDF : 645.4/36

Out: 2.464 ± 0.126 χ^2/NDF : 604.0/39

All: 2.336 ± 0.089 χ^2/NDF : 1251.4/76

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.324 $\pm$ 0.201 χ^2 /NDF:1237.8/22

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 7.226 $\pm$ 0.204 χ^2 /NDF:1006.8/20

Left: 7.276 $\pm$ 0.143 χ^2 /NDF: 2244.7/43

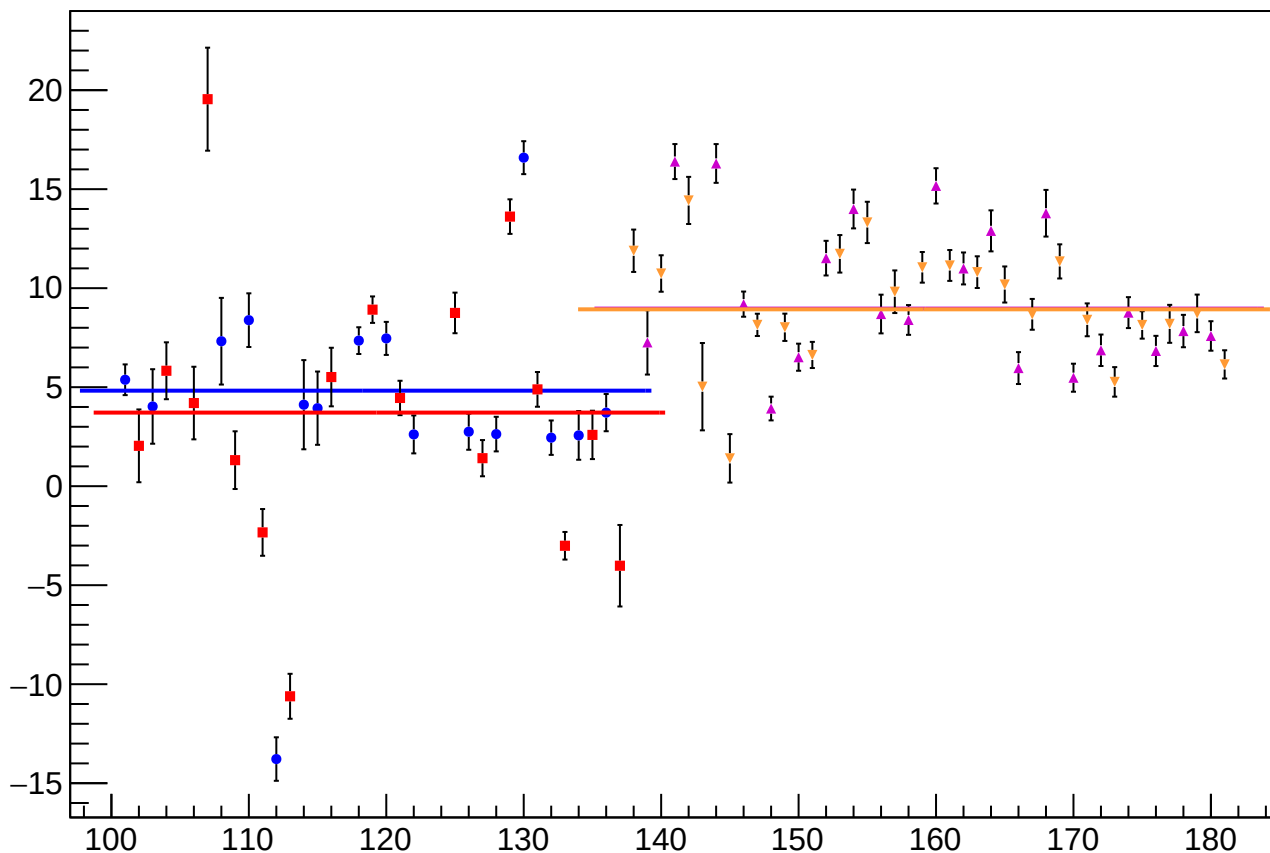
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 11.473 $\pm$ 0.183 χ^2 /NDF:4751.6/36

Out: 11.983 $\pm$ 0.181 χ^2 /NDF:5782.4/39

All: 11.730 $\pm$ 0.129 χ^2 /NDF: 10538.0/76

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: 8.932 ± 0.175 $\chi^2/\text{NDF}: 189.4/22$

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: 8.949 ± 0.125 $\chi^2/\text{NDF}: 580.9/43$

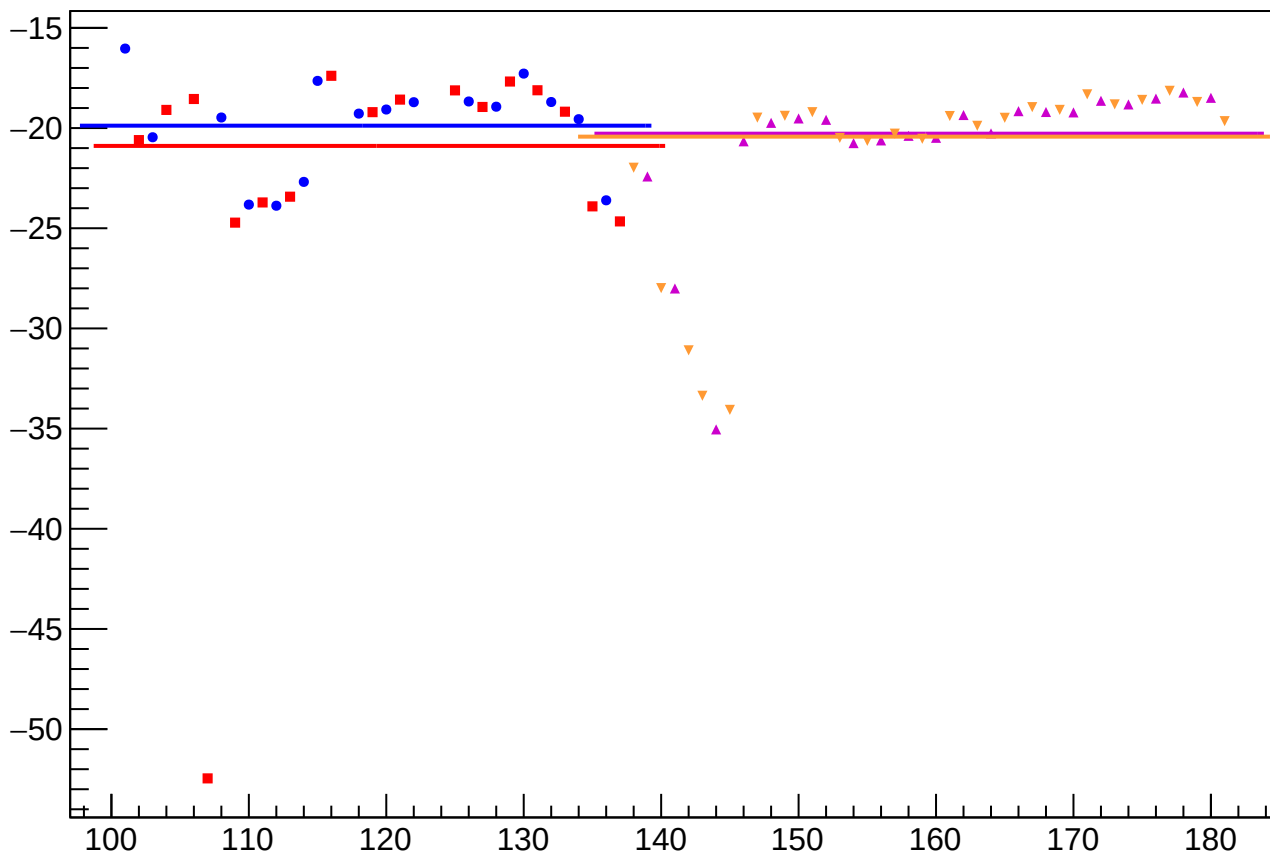
Right: 4.286 ± 0.180 $\chi^2/\text{NDF}: 1118.6/32$

In: 7.582 ± 0.145 $\chi^2/\text{NDF}: 1121.4/36$

Out: 7.295 ± 0.145 $\chi^2/\text{NDF}: 1028.1/39$

All: 7.438 ± 0.103 $\chi^2/\text{NDF}: 2151.4/76$

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 χ^2/NDF : 26082.0/15

Left Out: -20.428 ± 0.008 χ^2/NDF : 163342.5/22

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -20.280 ± 0.008 χ^2/NDF : 124351.1/20

Left: -20.354 ± 0.006 χ^2/NDF : 287855.0/43

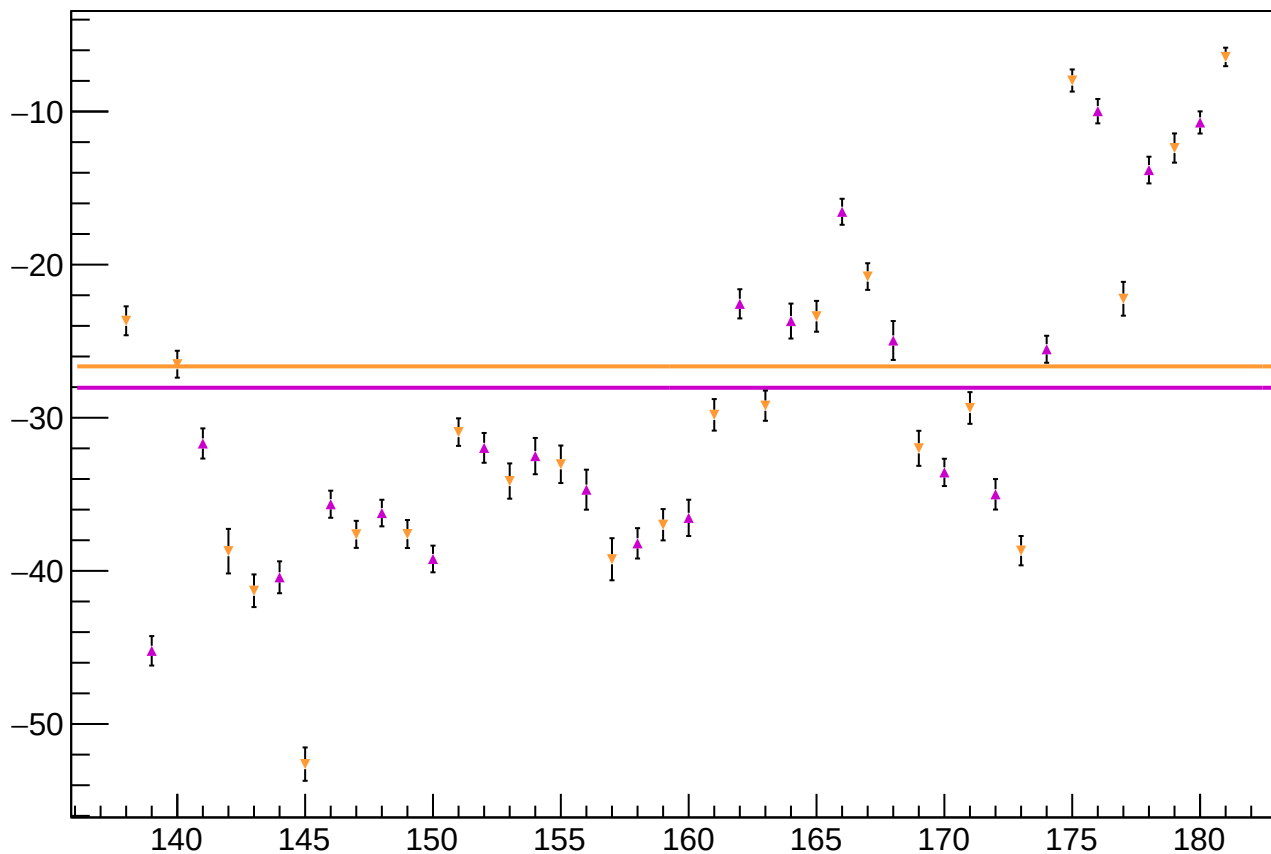
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -20.193 ± 0.007 χ^2/NDF : 150947.9/36

Out: -20.528 ± 0.007 χ^2/NDF : 256934.6/39

All: -20.360 ± 0.005 χ^2/NDF : 408937.4/76

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.041+/-0.207 χ^2/NDF : 2698.2/20

Left: -27.320+/-0.144 χ^2/NDF : 6415.3/43

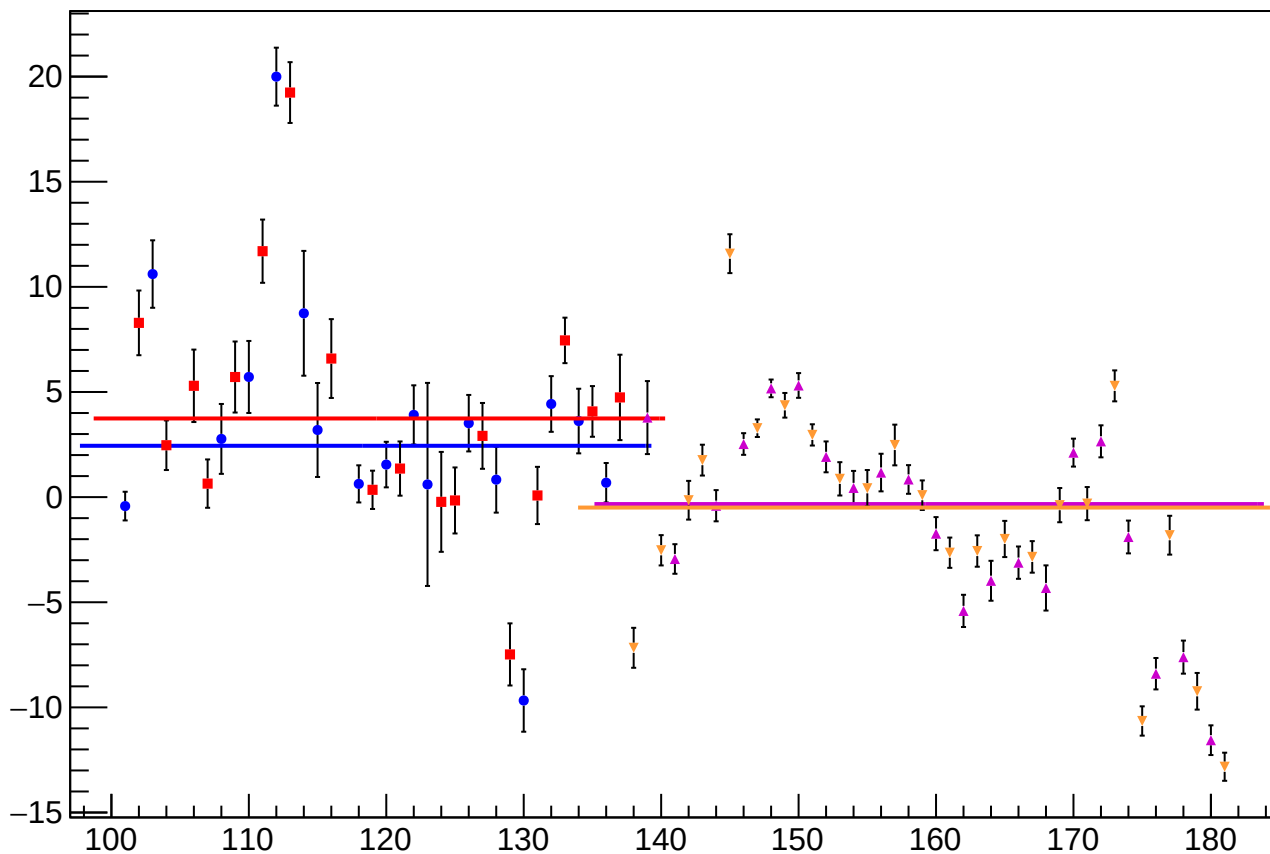
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.041+/-0.207 χ^2/NDF : 2698.2/20

Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

All: -27.320+/-0.144 χ^2/NDF : 6415.3/43

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.497 ± 0.150 $\chi^2/\text{NDF}: 1194.6/22$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: -0.330 ± 0.156 $\chi^2/\text{NDF}: 905.5/20$

Left: -0.417 ± 0.108 $\chi^2/\text{NDF}: 2100.7/43$

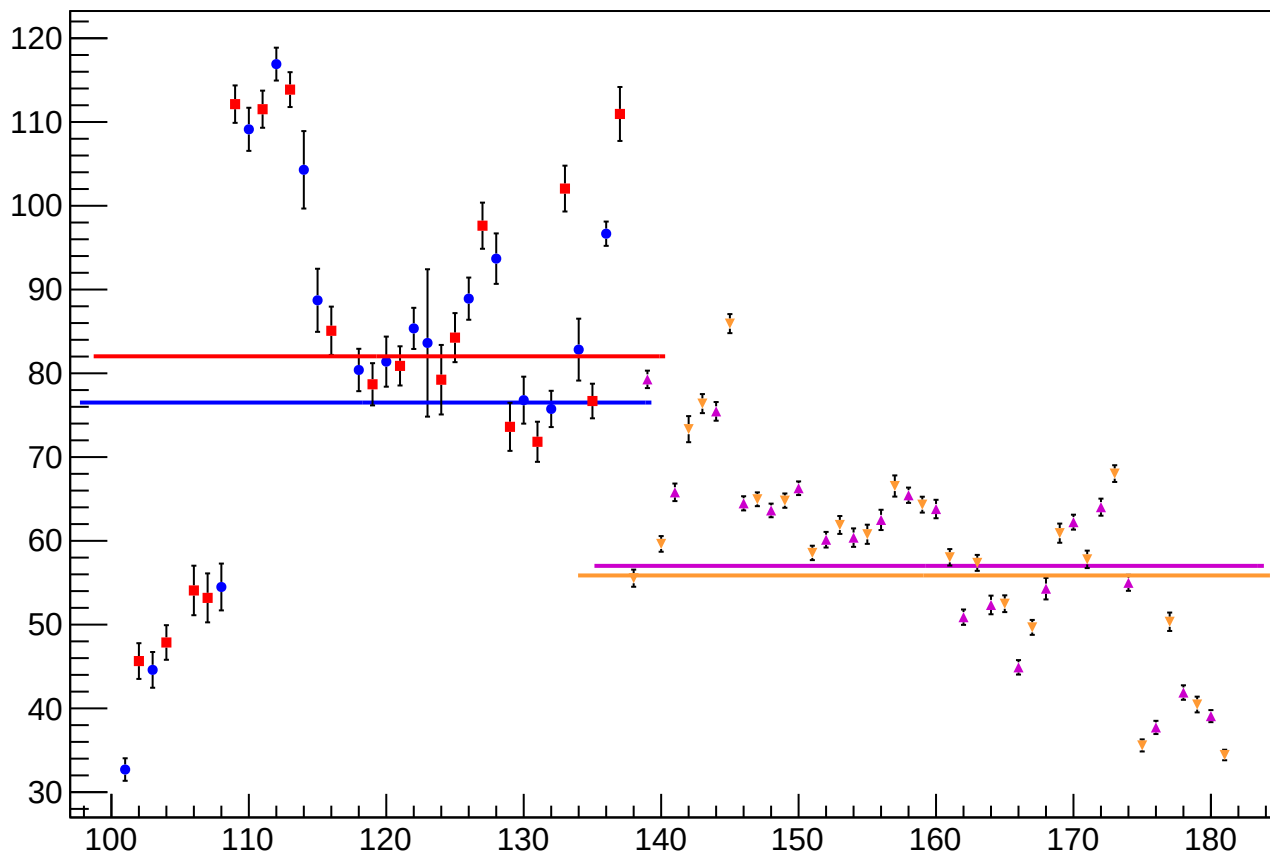
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 0.224 ± 0.139 $\chi^2/\text{NDF}: 1263.6/37$

Out: 0.242 ± 0.136 $\chi^2/\text{NDF}: 1601.7/40$

All: 0.233 ± 0.097 $\chi^2/\text{NDF}: 2865.3/78$

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: 55.869 $\pm$ 0.200 χ^2 /NDF: 4092.9/22

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: 56.426 $\pm$ 0.143 χ^2 /NDF: 7219.2/43

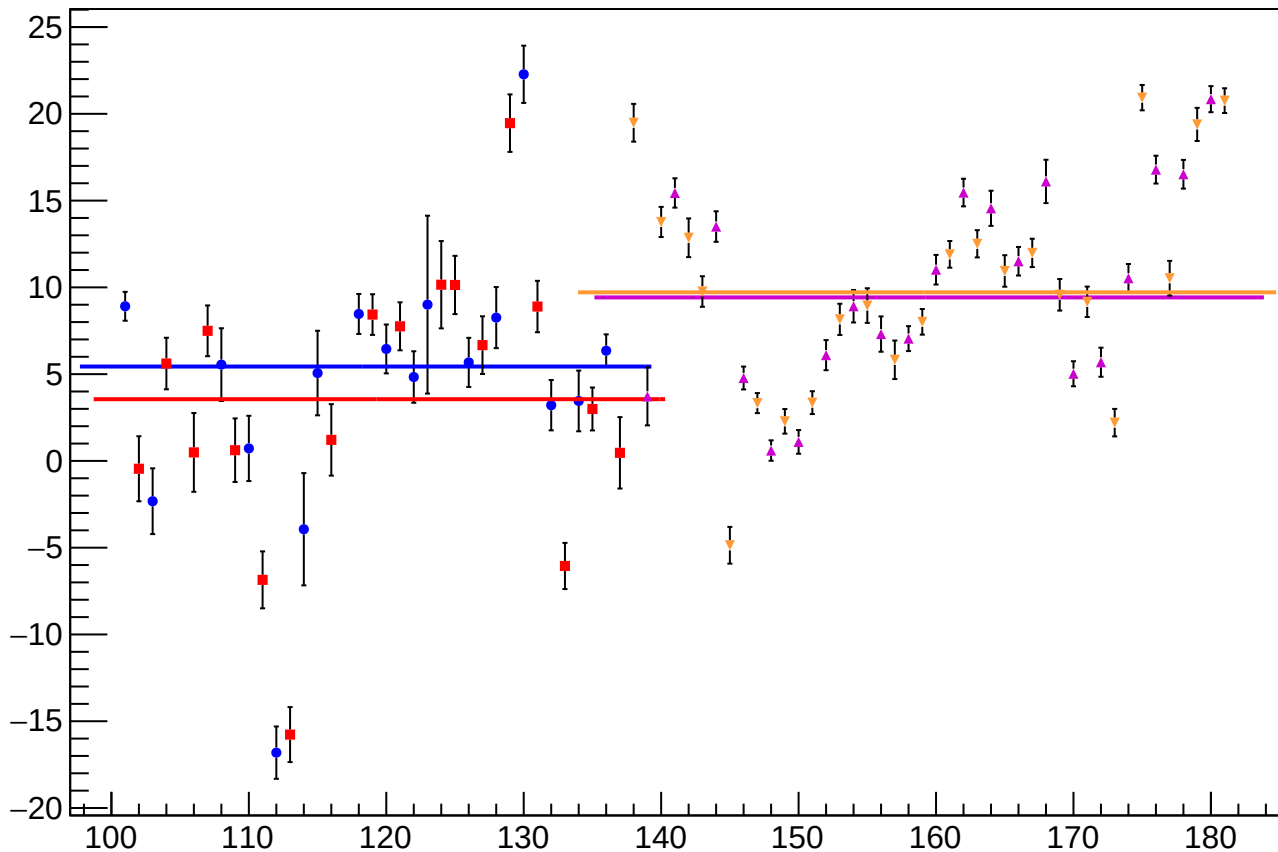
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 59.214 $\pm$ 0.193 χ^2 /NDF: 6384.0/37

Out: 58.532 $\pm$ 0.189 χ^2 /NDF: 7391.2/40

All: 58.866 $\pm$ 0.135 χ^2 /NDF: 13781.6/78

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 9.714 $\pm$ 0.173 χ^2 /NDF:1346.6/22

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 9.422 $\pm$ 0.178 χ^2 /NDF:1106.4/20

Left: 9.573 $\pm$ 0.124 χ^2 /NDF: 2454.4/43

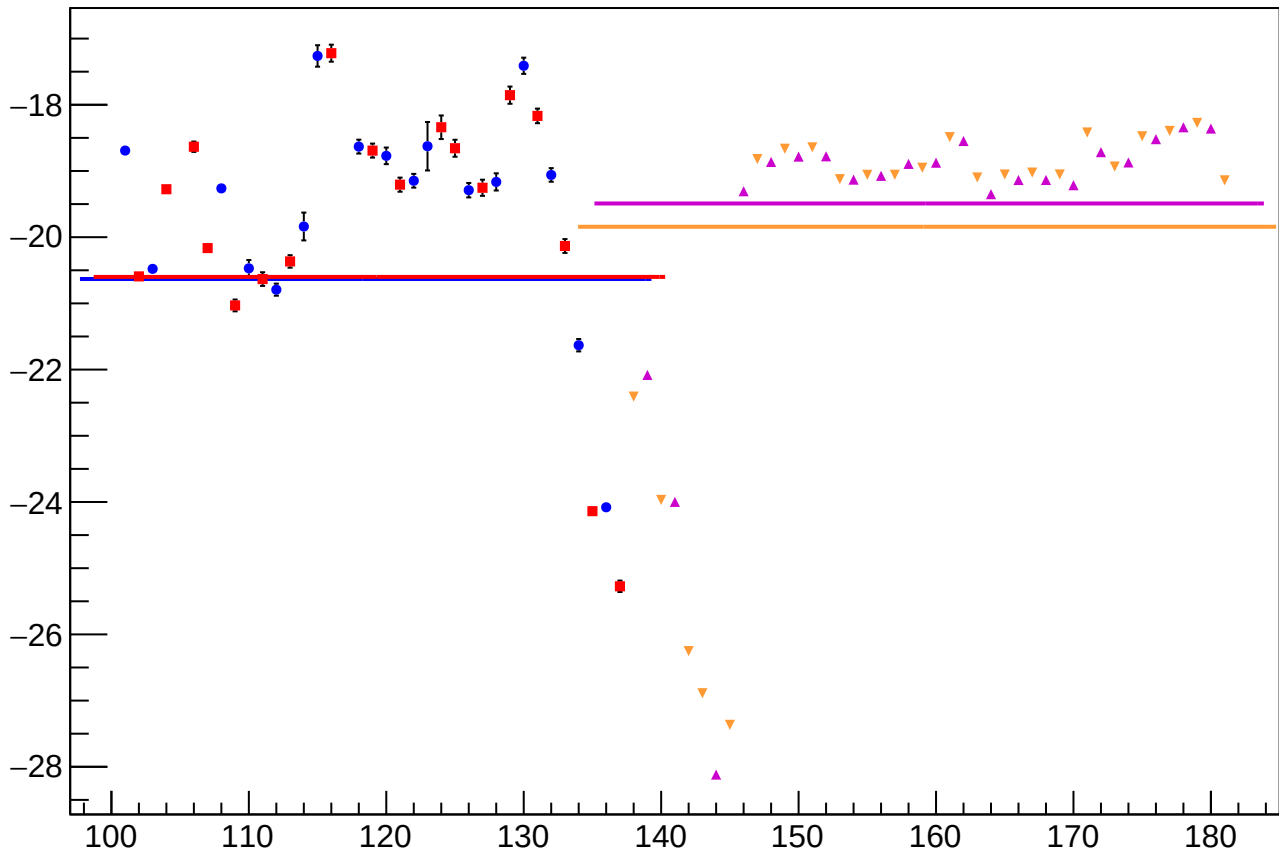
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 8.628 $\pm$ 0.160 χ^2 /NDF:1591.8/37

Out: 8.635 $\pm$ 0.157 χ^2 /NDF:1989.3/40

All: 8.632 $\pm$ 0.112 χ^2 /NDF: 3581.1/78

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: -19.843 ± 0.008 $\chi^2/\text{NDF}: 90425.1/22$

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: -19.669 ± 0.006 $\chi^2/\text{NDF}: 145029.0/43$

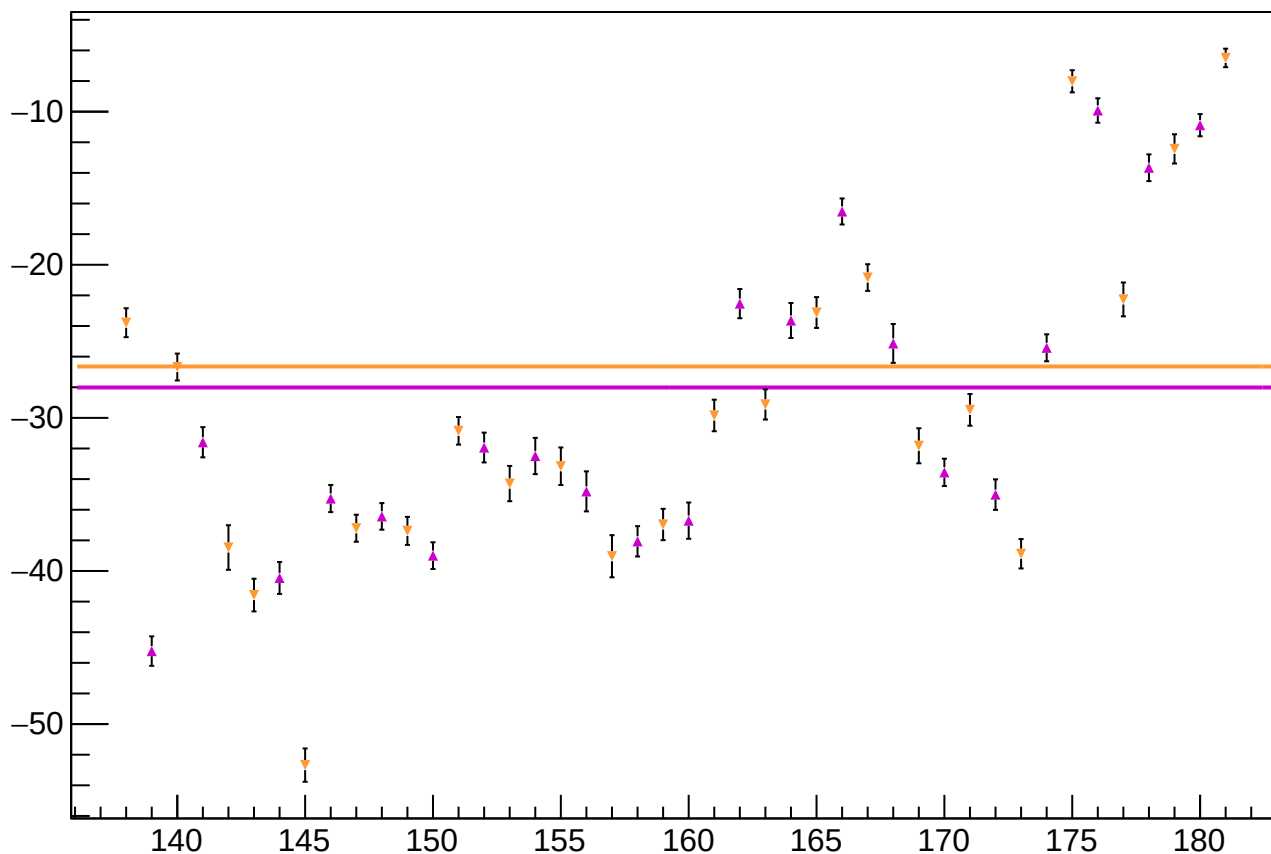
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.668 ± 0.008 $\chi^2/\text{NDF}: 69143.5/37$

Out: -19.957 ± 0.008 $\chi^2/\text{NDF}: 103686.4/40$

All: -19.813 ± 0.005 $\chi^2/\text{NDF}: 173555.2/78$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.643+/-0.201 χ^2/NDF :3672.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Left: -27.306+/-0.144 χ^2/NDF : 6380.3/43

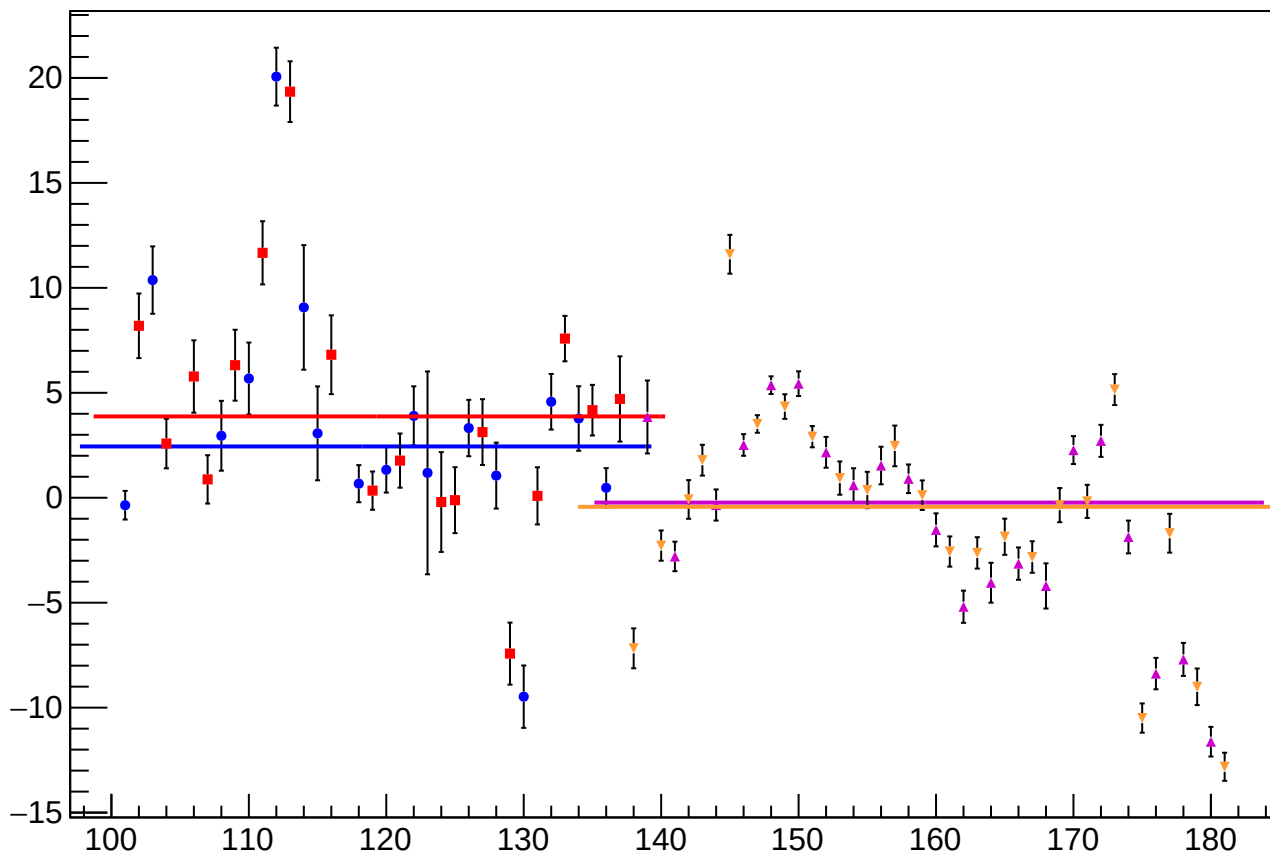
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.014+/-0.207 χ^2/NDF :2685.0/20

Out: -26.643+/-0.201 χ^2/NDF :3672.7/22

All: -27.306+/-0.144 χ^2/NDF : 6380.3/43

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: -0.433 ± 0.150 χ^2/NDF : 1185.5/22

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: -0.336 ± 0.108 χ^2/NDF : 2111.3/43

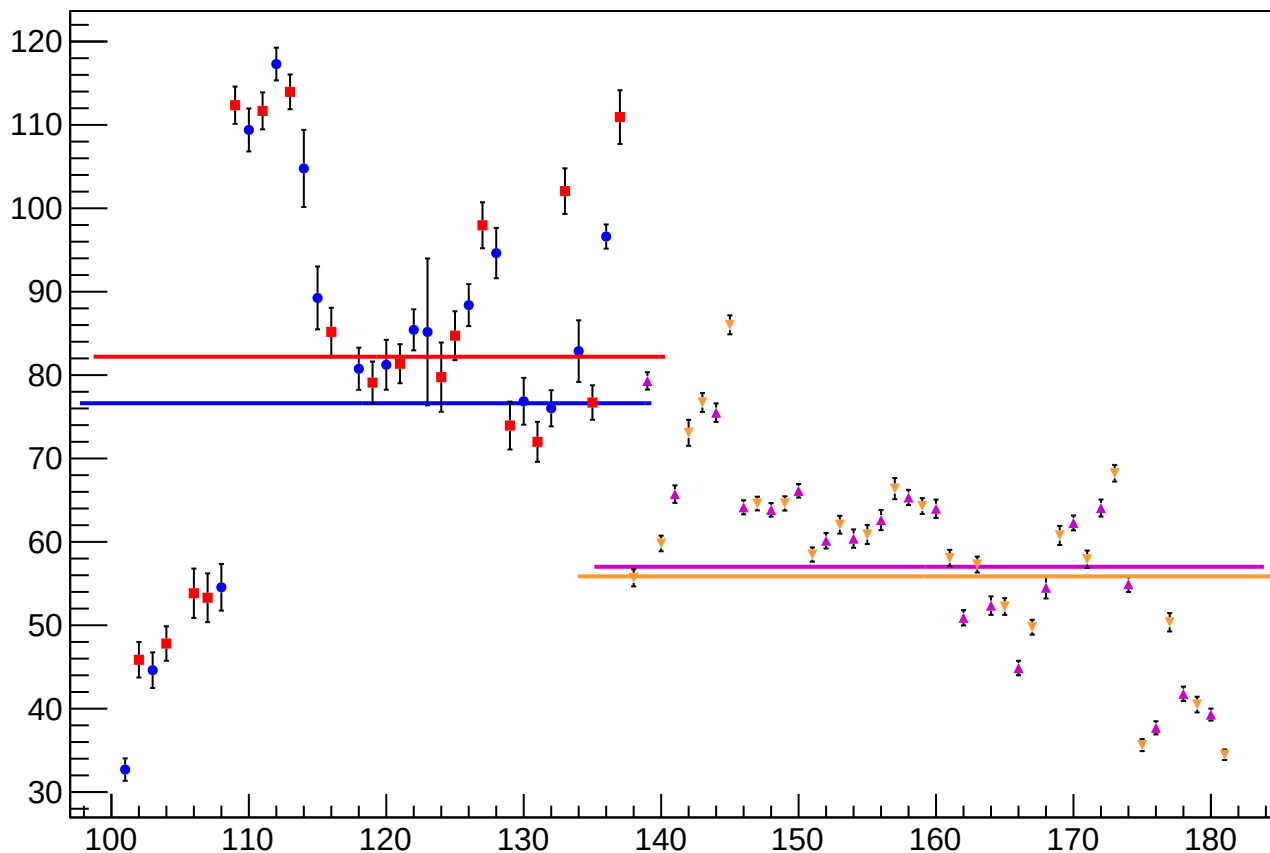
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 0.304 ± 0.139 χ^2/NDF : 1276.7/37

Out: 0.318 ± 0.136 χ^2/NDF : 1597.1/40

All: 0.311 ± 0.097 χ^2/NDF : 2873.8/78

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: 55.868 $\pm$ 0.200 χ^2 /NDF: 4081.7/22

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: 56.427 $\pm$ 0.143 χ^2 /NDF: 7191.0/43

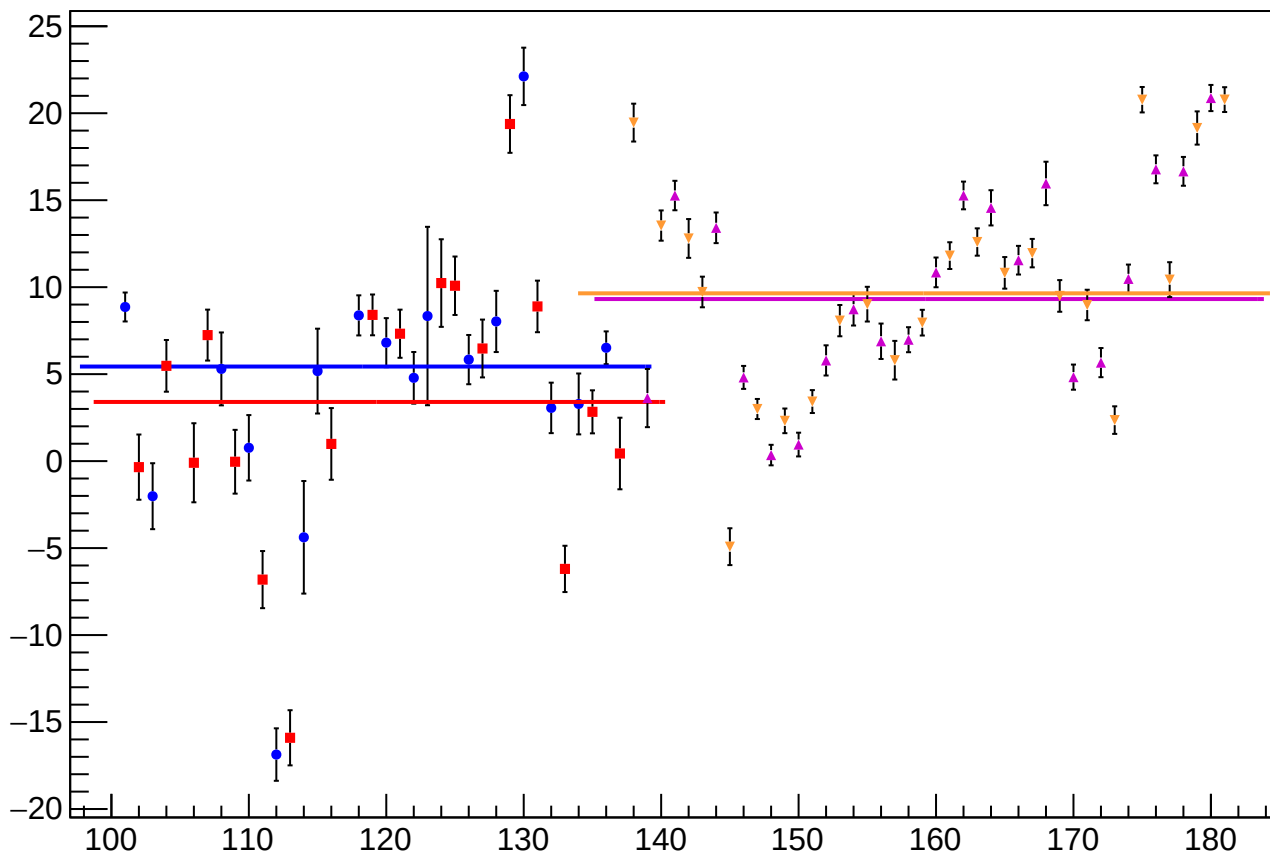
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 59.230 $\pm$ 0.193 χ^2 /NDF: 6389.8/37

Out: 58.548 $\pm$ 0.189 χ^2 /NDF: 7403.4/40

All: 58.882 $\pm$ 0.135 χ^2 /NDF: 13799.6/78

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2 /NDF: 384.5/16

Left Out: 9.646 $\pm$ 0.173 χ^2 /NDF:1340.3/22

Right Out: 3.401 $\pm$ 0.375 χ^2 /NDF: 420.9/17

Left In: 9.317 $\pm$ 0.179 χ^2 /NDF:1126.1/20

Left: 9.486 $\pm$ 0.124 χ^2 /NDF: 2468.2/43

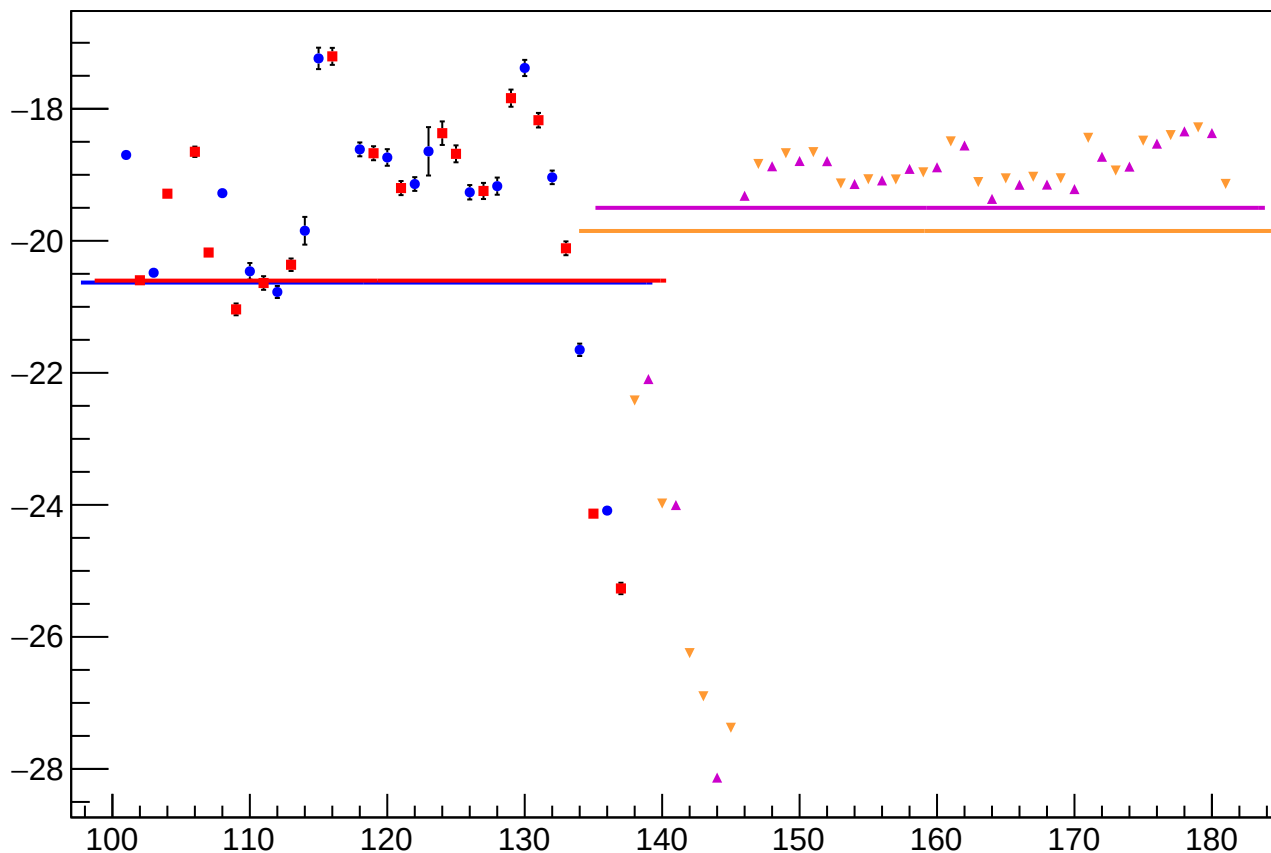
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 8.544 $\pm$ 0.160 χ^2 /NDF:1604.7/37

Out: 8.551 $\pm$ 0.157 χ^2 /NDF:1989.3/40

All: 8.547 $\pm$ 0.112 χ^2 /NDF: 3594.0/78

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: -19.851 ± 0.008 $\chi^2/\text{NDF}: 90311.4/22$

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: -19.678 ± 0.006 $\chi^2/\text{NDF}: 144862.2/43$

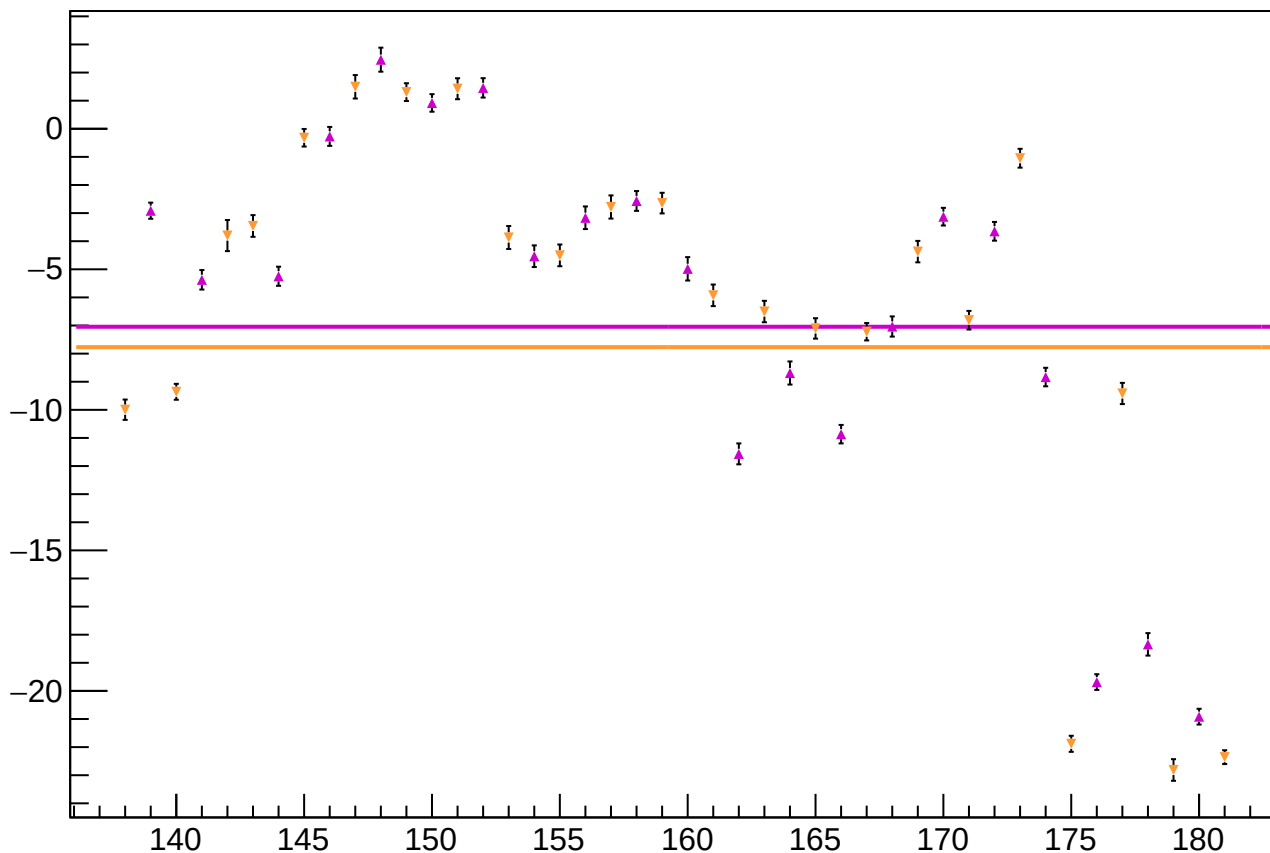
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.676 ± 0.008 $\chi^2/\text{NDF}: 69092.5/37$

Out: -19.964 ± 0.008 $\chi^2/\text{NDF}: 103505.5/40$

All: -19.821 ± 0.005 $\chi^2/\text{NDF}: 173317.9/78$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -7.769 $\pm$ 0.073 χ^2 /NDF:11273.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.044 $\pm$ 0.075 χ^2 /NDF:8615.4/20

Left: -7.416 $\pm$ 0.052 χ^2 /NDF: 19937.3/43

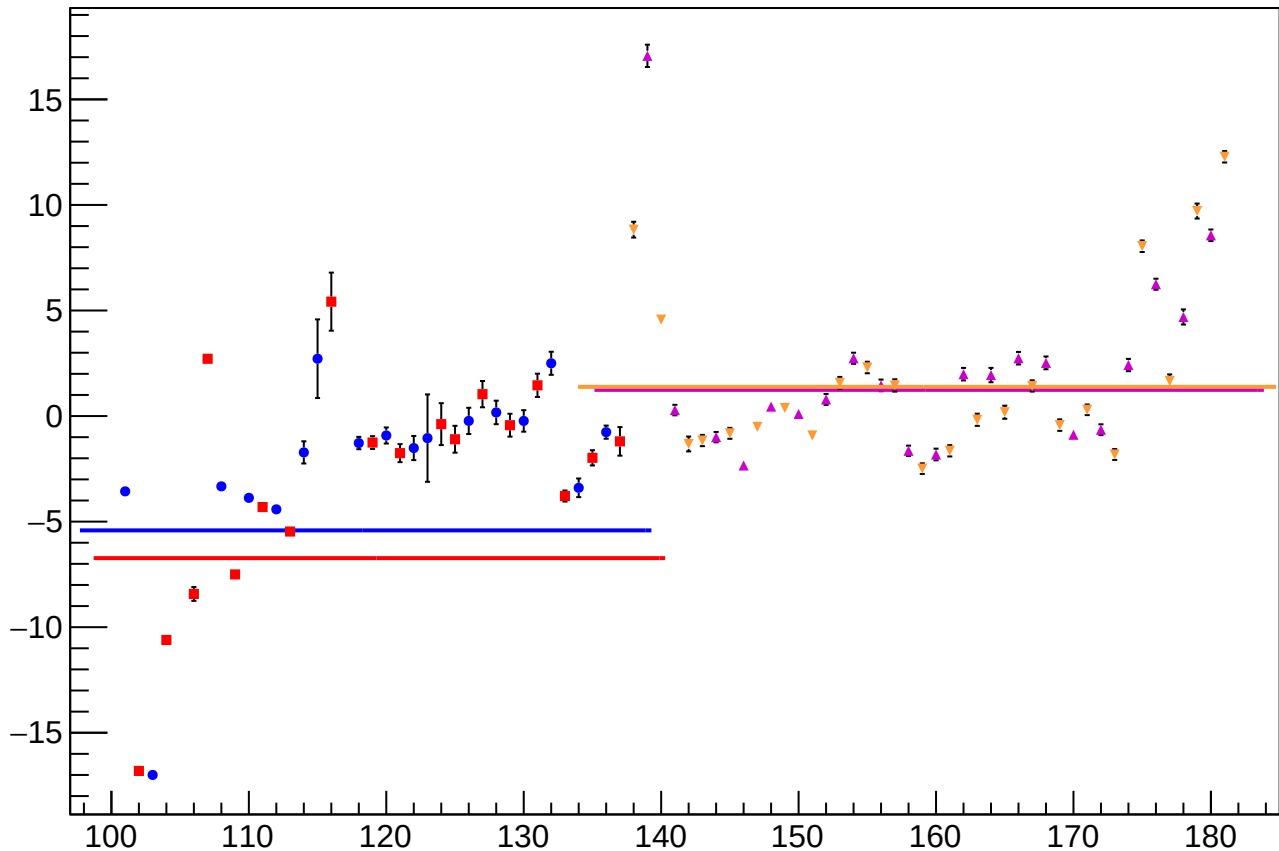
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.044 $\pm$ 0.075 χ^2 /NDF:8615.4/20

Out: -7.769 $\pm$ 0.073 χ^2 /NDF:11273.7/22

All: -7.416 $\pm$ 0.052 χ^2 /NDF: 19937.3/43

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: 1.384+/-0.056 χ^2/NDF : 4403.9/22

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: 1.315+/-0.040 χ^2/NDF : 7404.6/43

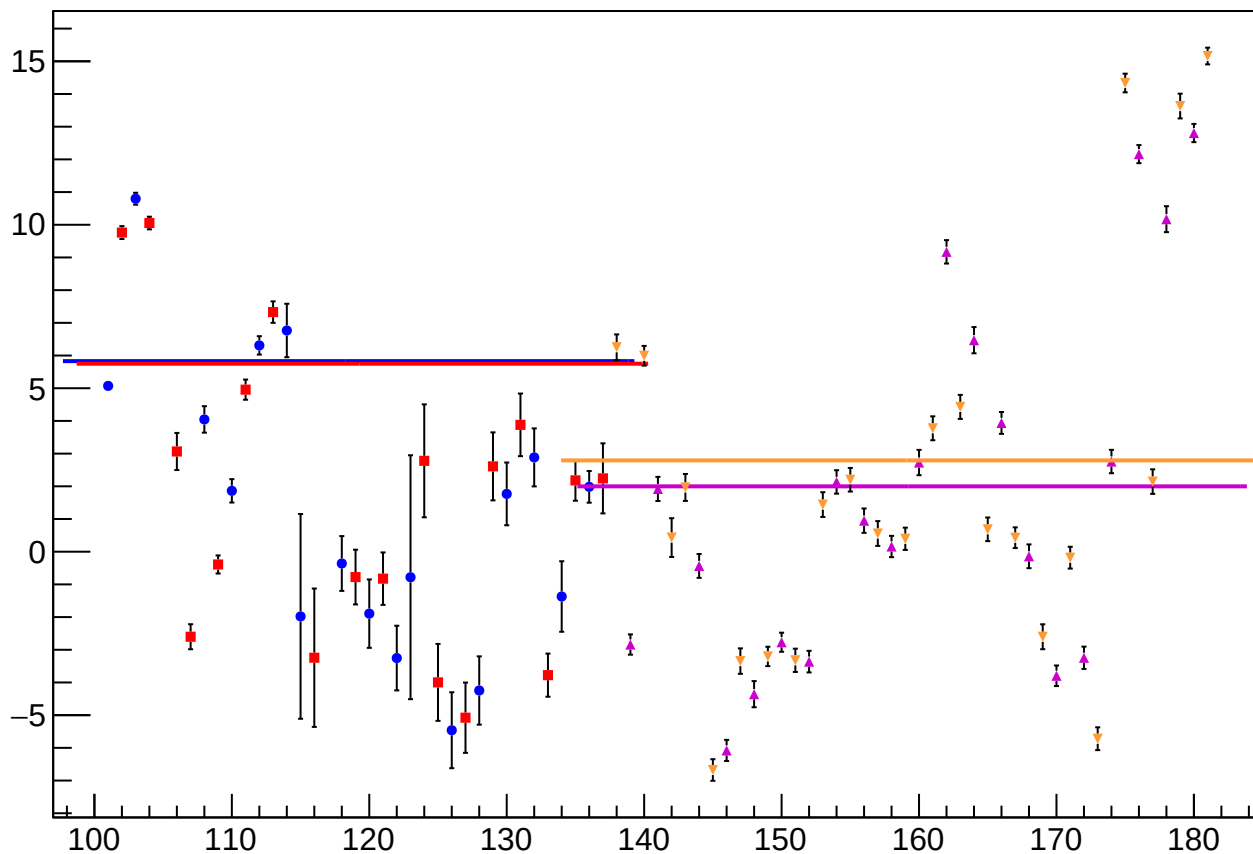
Right: -6.014+/-0.040 χ^2/NDF : 20734.4/34

In: -2.272+/-0.040 χ^2/NDF : 19229.6/37

Out: -2.375+/-0.041 χ^2/NDF : 25491.9/40

All: -2.322+/-0.028 χ^2/NDF : 44724.8/78

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 2.792 ± 0.073 χ^2/NDF : 7872.0/22

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: 1.999 ± 0.074 χ^2/NDF : 6186.3/20

Left: 2.403 ± 0.052 χ^2/NDF : 14116.8/43

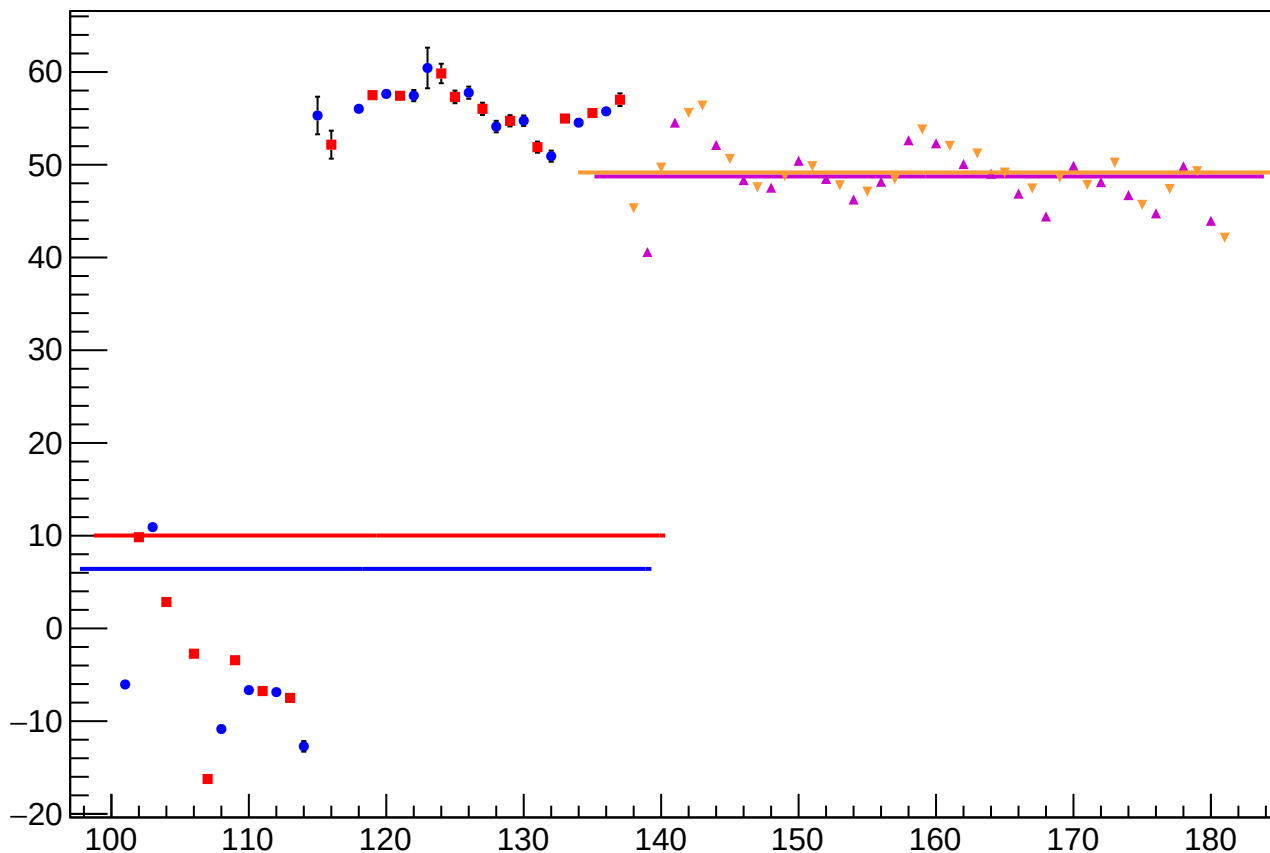
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 3.553 ± 0.057 χ^2/NDF : 8720.1/37

Out: 3.865 ± 0.058 χ^2/NDF : 10985.1/40

All: 3.707 ± 0.041 χ^2/NDF : 19720.0/78

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: 49.171 ± 0.063 χ^2/NDF : 2244.4/22

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: 48.961 ± 0.045 χ^2/NDF : 4301.1/43

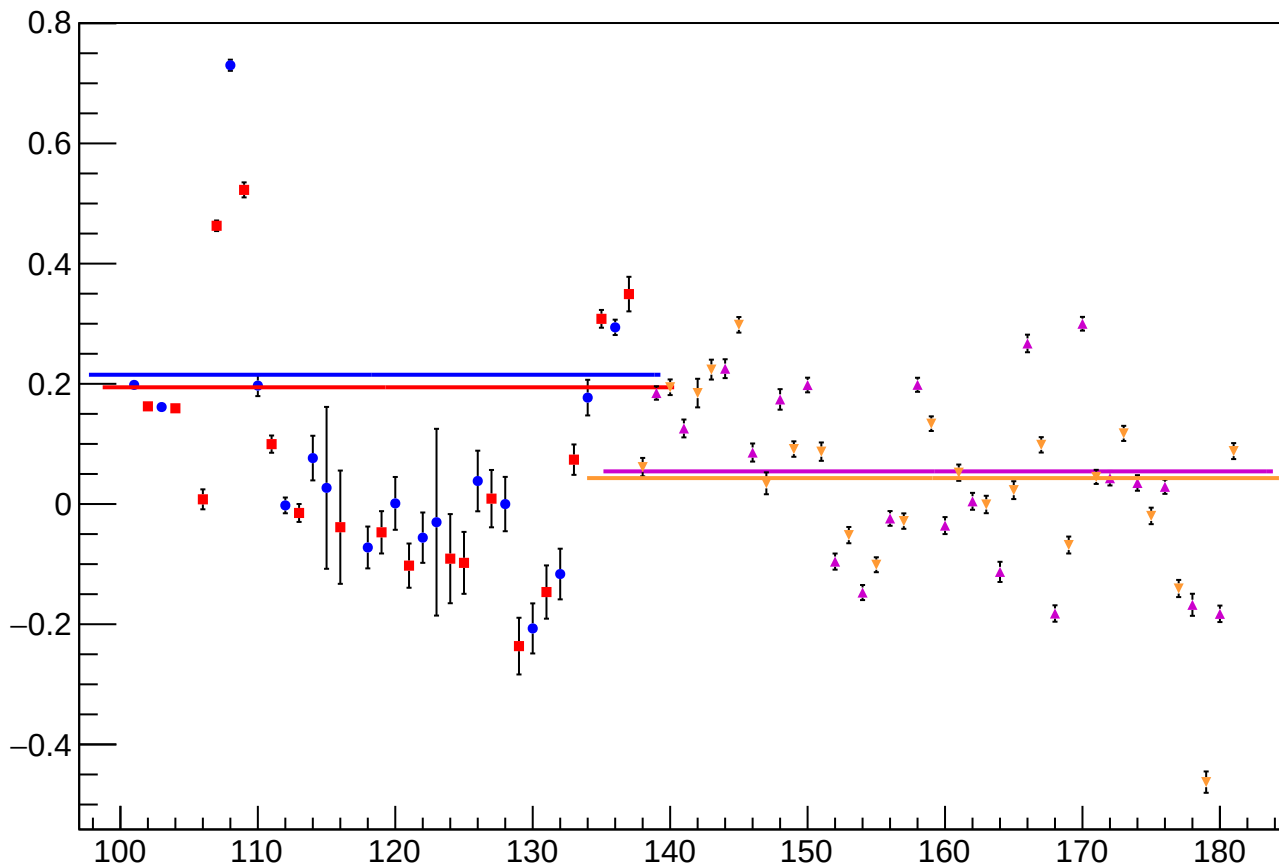
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 27.354 ± 0.046 χ^2/NDF : 336530.1/37

Out: 31.751 ± 0.047 χ^2/NDF : 294439.3/40

All: 29.497 ± 0.033 χ^2/NDF : 635421.1/78

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.043 $\pm$ 0.003 χ^2 /NDF:2107.9/22

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.054 $\pm$ 0.003 χ^2 /NDF:2625.4/20

Left: 0.049 $\pm$ 0.002 χ^2 /NDF: 4740.7/43

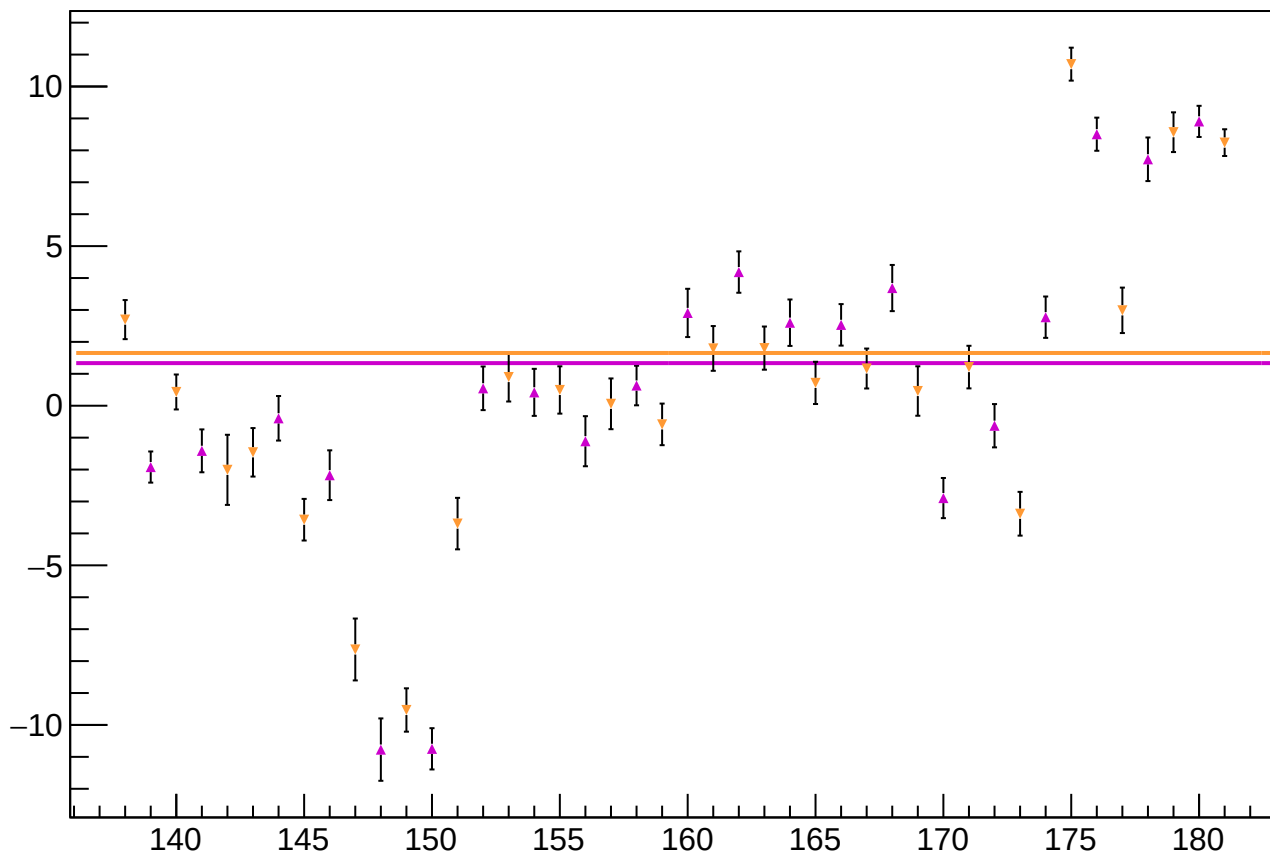
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.139 $\pm$ 0.002 χ^2 /NDF:8144.6/37

Out: 0.123 $\pm$ 0.002 χ^2 /NDF:6052.5/40

All: 0.131 $\pm$ 0.001 χ^2 /NDF: 14230.0/78

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: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22

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: 1.498 $\pm$ 0.099 χ^2 /NDF: 2492.9/43

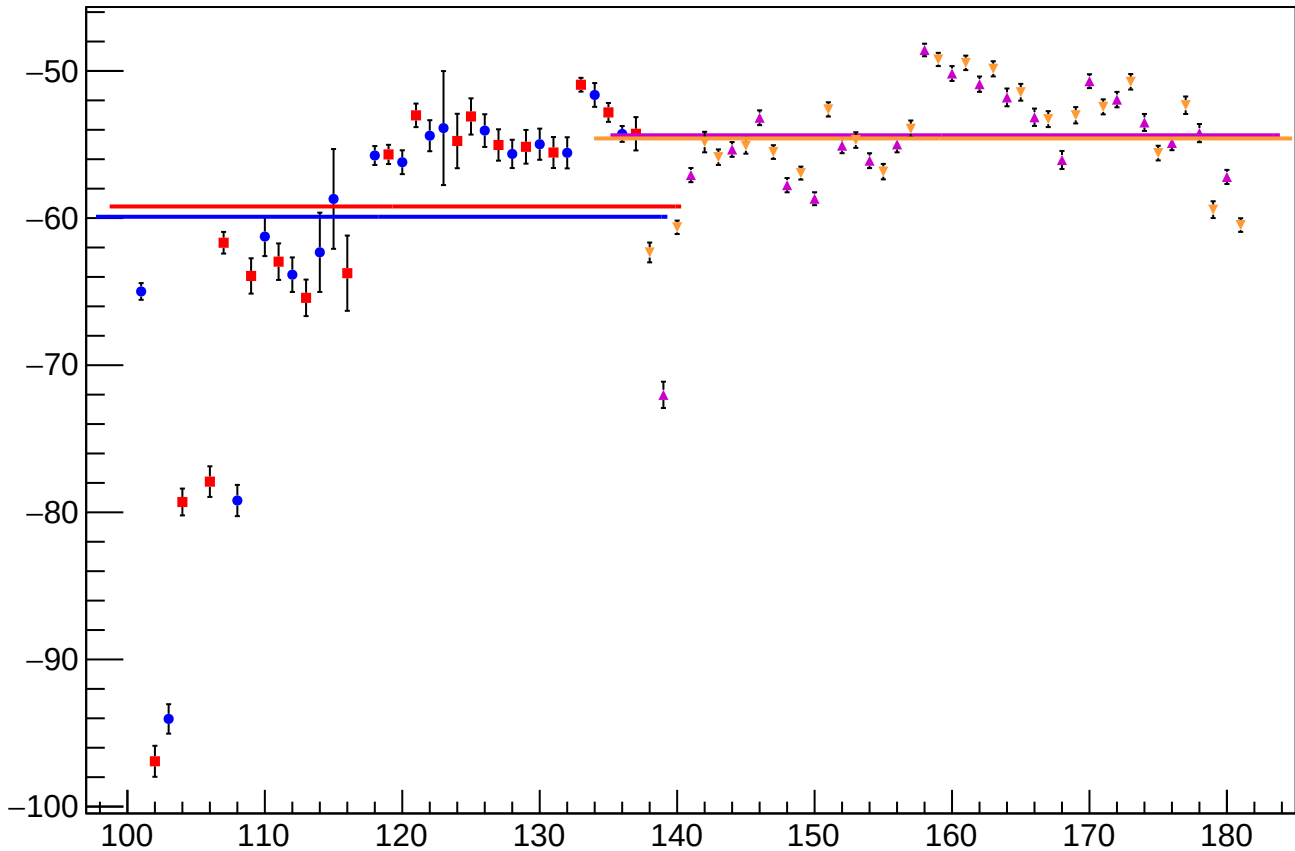
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.335 $\pm$ 0.143 χ^2 /NDF:1222.8/20

Out: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22

All: 1.498 $\pm$ 0.099 χ^2 /NDF: 2492.9/43

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: -54.588 ± 0.109 χ^2/NDF : 1084.0/22

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: -54.485 ± 0.078 χ^2/NDF : 2121.6/43

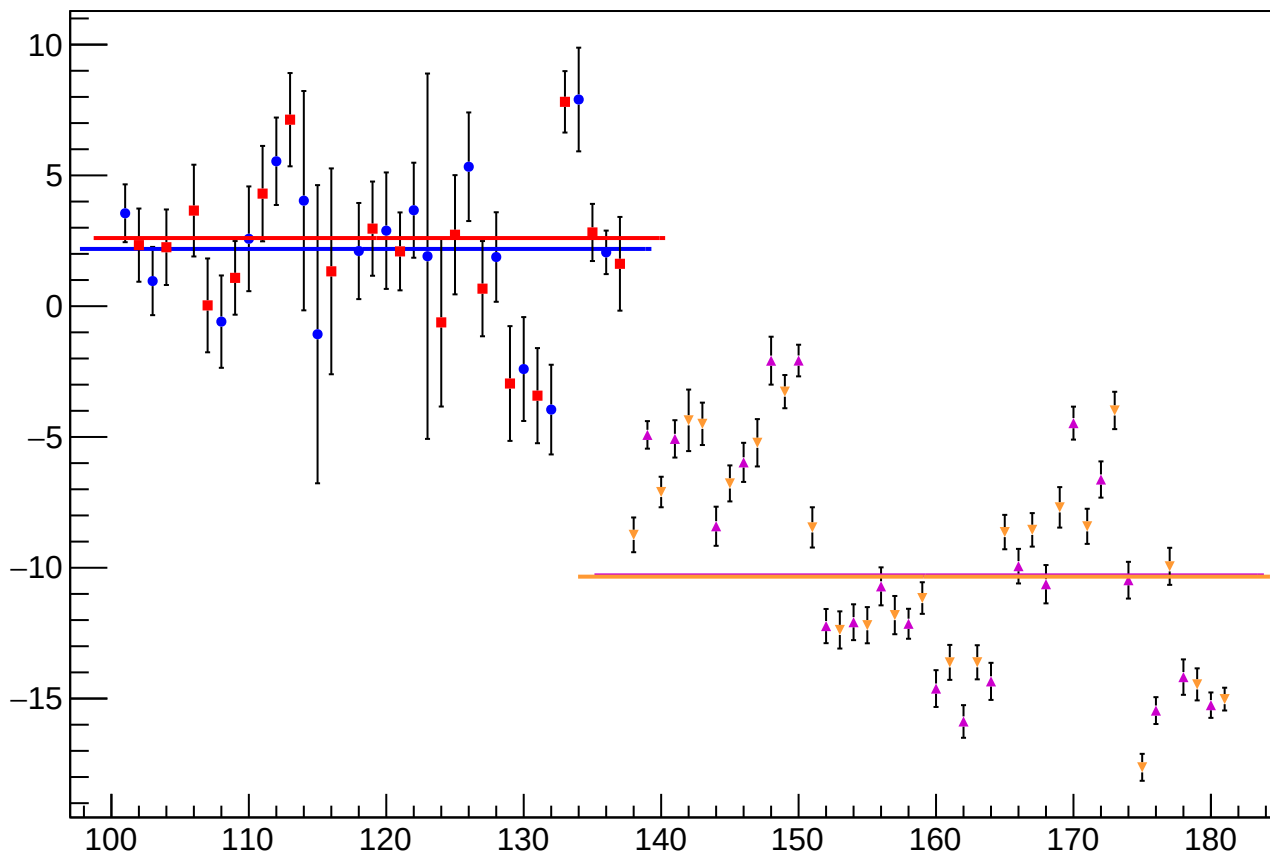
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.511 ± 0.101 χ^2/NDF : 3505.7/37

Out: -55.546 ± 0.097 χ^2/NDF : 4202.7/40

All: -55.529 ± 0.070 χ^2/NDF : 7708.5/78

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: -10.340 ± 0.138 $\chi^2/\text{NDF}: 848.7/22$

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: -10.316 ± 0.099 $\chi^2/\text{NDF}: 1840.0/43$

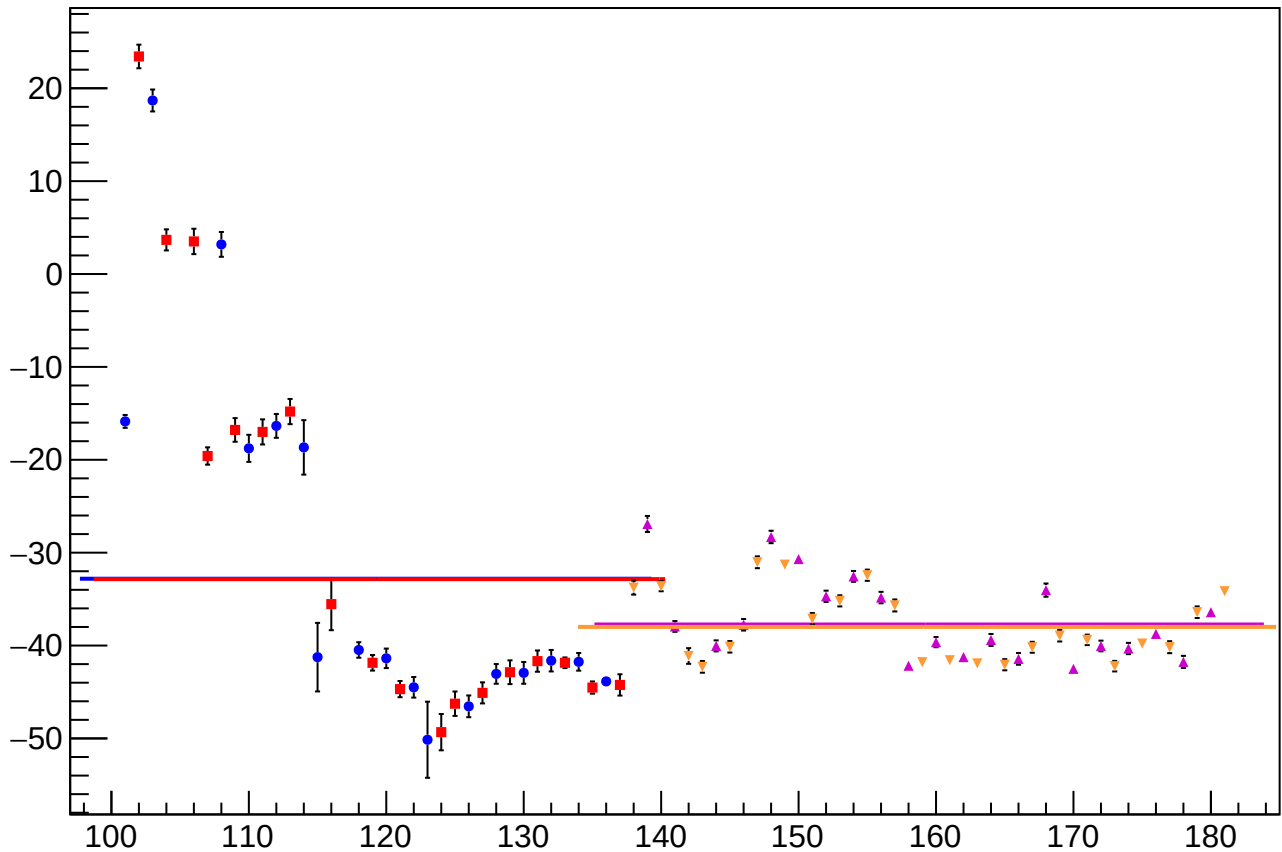
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -8.933 ± 0.133 $\chi^2/\text{NDF}: 1878.5/37$

Out: -8.905 ± 0.130 $\chi^2/\text{NDF}: 1874.7/40$

All: -8.919 ± 0.093 $\chi^2/\text{NDF}: 3753.2/78$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -37.992 ± 0.122 $\chi^2/\text{NDF}: 945.5/22$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -37.733 ± 0.127 $\chi^2/\text{NDF}: 1077.5/20$

Left: -37.867 ± 0.088 $\chi^2/\text{NDF}: 2025.1/43$

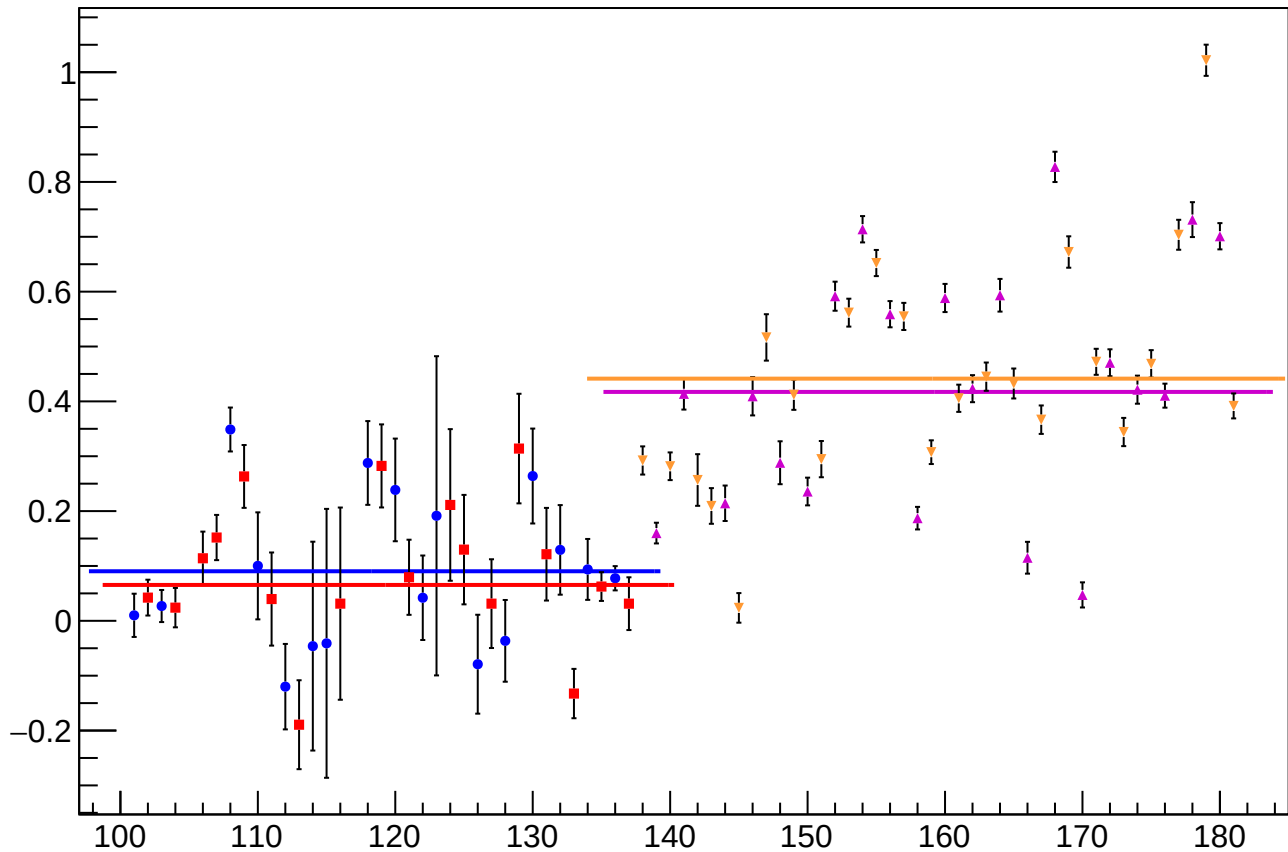
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -36.752 ± 0.114 $\chi^2/\text{NDF}: 6040.9/37$

Out: -36.961 ± 0.109 $\chi^2/\text{NDF}: 7049.8/40$

All: -36.860 ± 0.079 $\chi^2/\text{NDF}: 13092.5/78$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.441 ± 0.006 $\chi^2/\text{NDF}: 1170.7/22$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.417 ± 0.006 $\chi^2/\text{NDF}: 1557.1/20$

Left: 0.429 ± 0.004 $\chi^2/\text{NDF}: 2737.3/43$

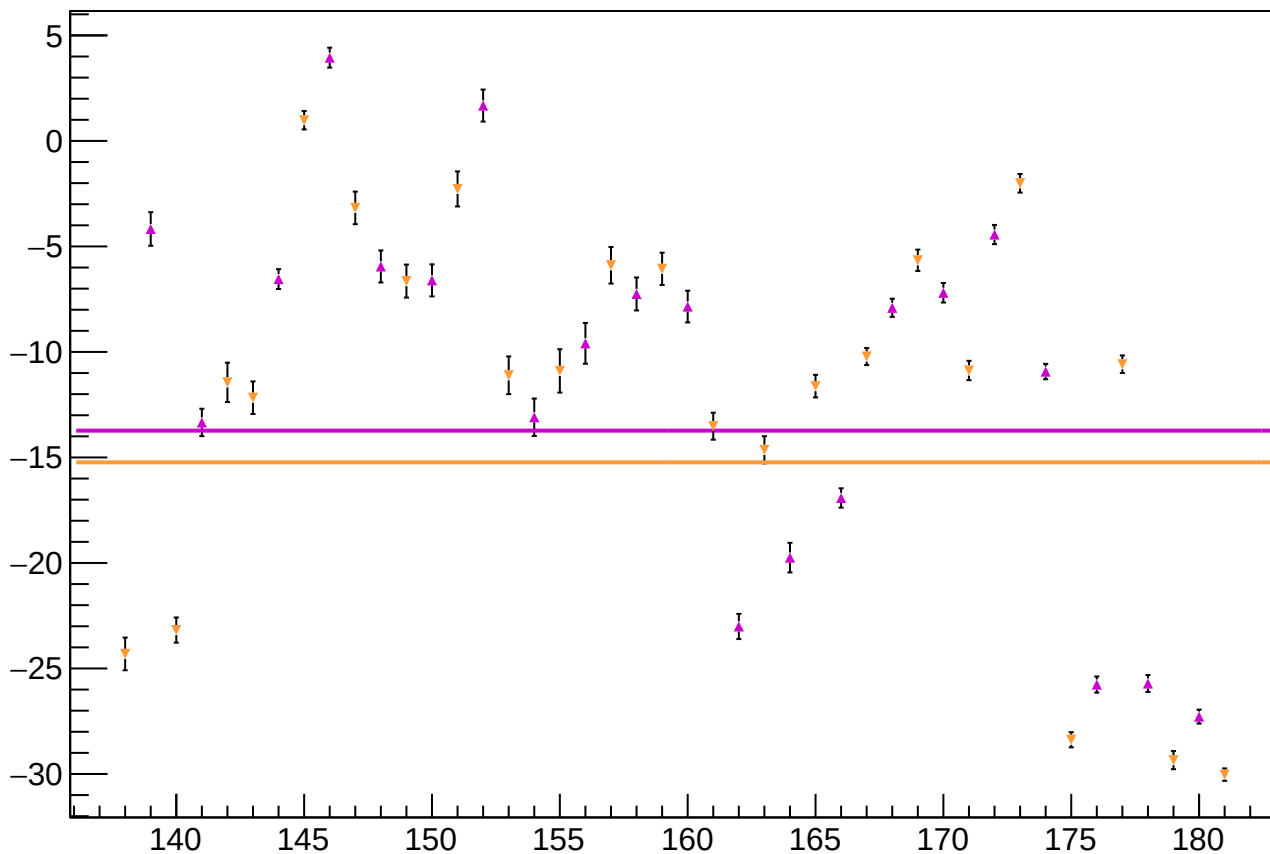
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.364 ± 0.005 $\chi^2/\text{NDF}: 2189.7/37$

Out: 0.377 ± 0.005 $\chi^2/\text{NDF}: 2018.4/40$

All: 0.371 ± 0.004 $\chi^2/\text{NDF}: 4211.3/78$

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: -15.233+/-0.111 χ^2/NDF : 9261.6/22

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: -14.496+/-0.079 χ^2/NDF : 16667.0/43

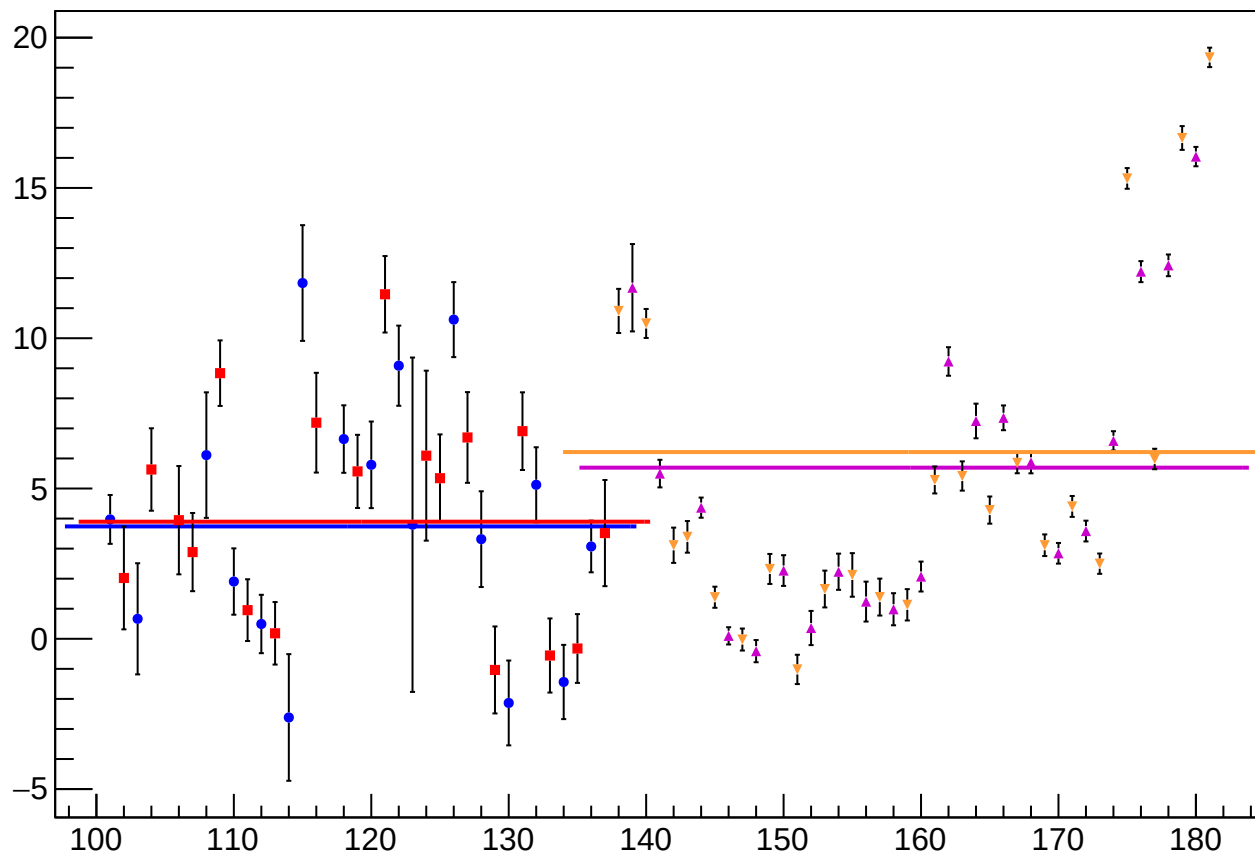
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.729+/-0.113 χ^2/NDF : 7315.3/20

Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

All: -14.496+/-0.079 χ^2/NDF : 16667.0/43

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 6.213 $\pm$ 0.089 χ^2 /NDF:4475.0/22

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 5.694 $\pm$ 0.089 χ^2 /NDF:2949.4/20

Left: 5.955 $\pm$ 0.063 χ^2 /NDF: 7441.5/43

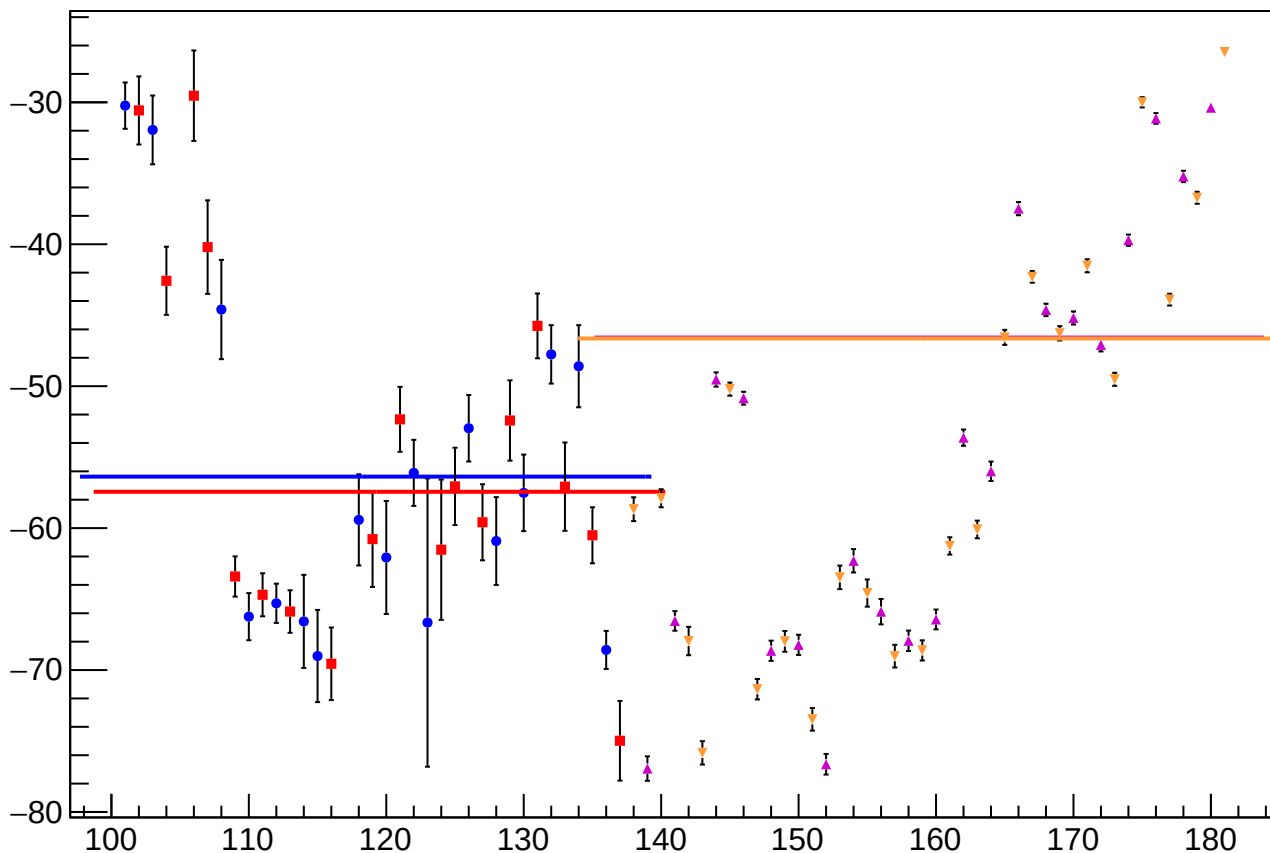
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 5.544 $\pm$ 0.086 χ^2 /NDF:3123.2/37

Out: 6.044 $\pm$ 0.085 χ^2 /NDF:4659.6/40

All: 5.795 $\pm$ 0.060 χ^2 /NDF: 7800.0/78

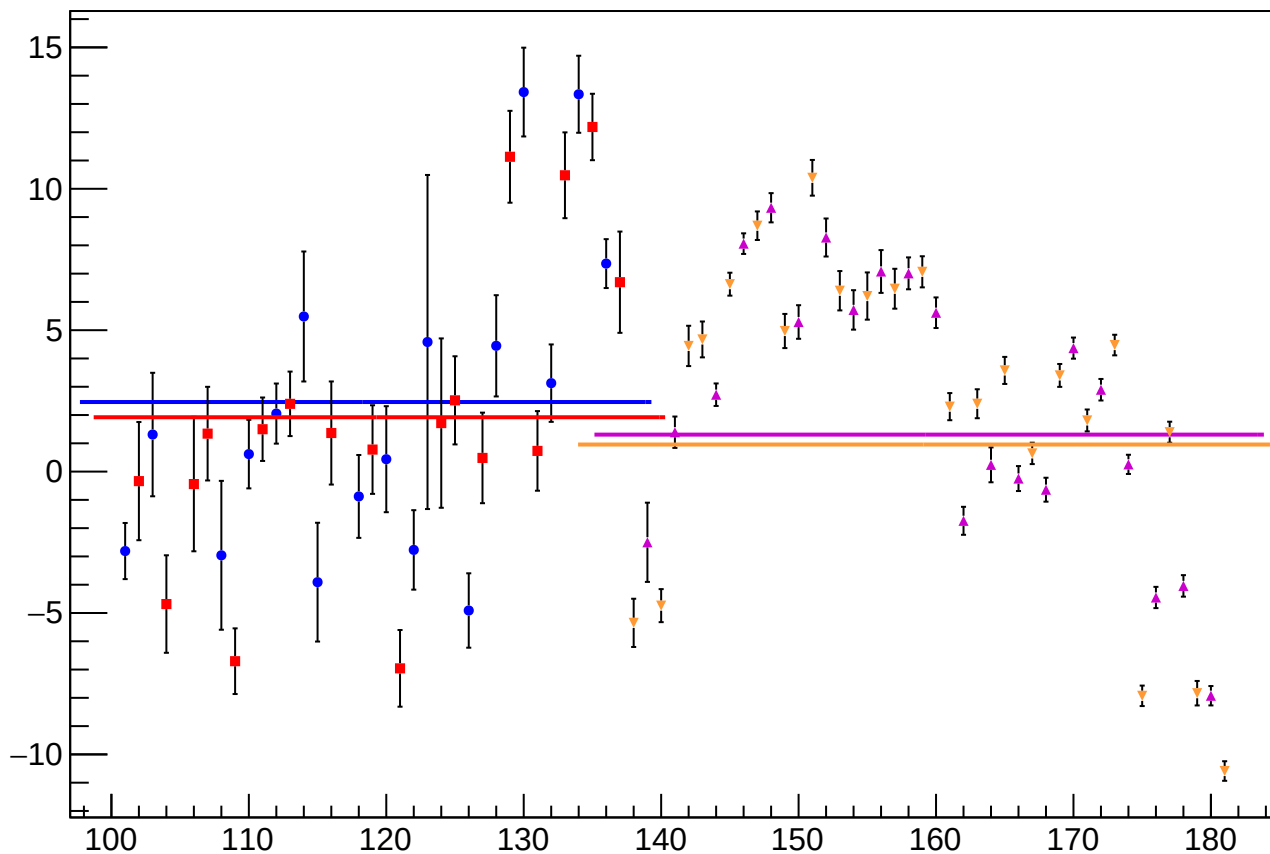
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16
 Left Out: -46.638 ± 0.112 χ^2/NDF : 16363.3/22
 Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17
 Left In: -46.576 ± 0.113 χ^2/NDF : 14273.0/20

Left: -46.607 ± 0.079 χ^2/NDF : 30636.4/43
 Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34
 In: -46.984 ± 0.111 χ^2/NDF : 15172.6/37
 Out: -47.085 ± 0.109 χ^2/NDF : 17192.2/40
 All: -47.036 ± 0.078 χ^2/NDF : 32365.2/78

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 0.957 $\pm$ 0.099 χ^2 /NDF:3501.9/22

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 1.307 $\pm$ 0.100 χ^2 /NDF:2346.9/20

Left: 1.131 $\pm$ 0.071 χ^2 /NDF: 5854.9/43

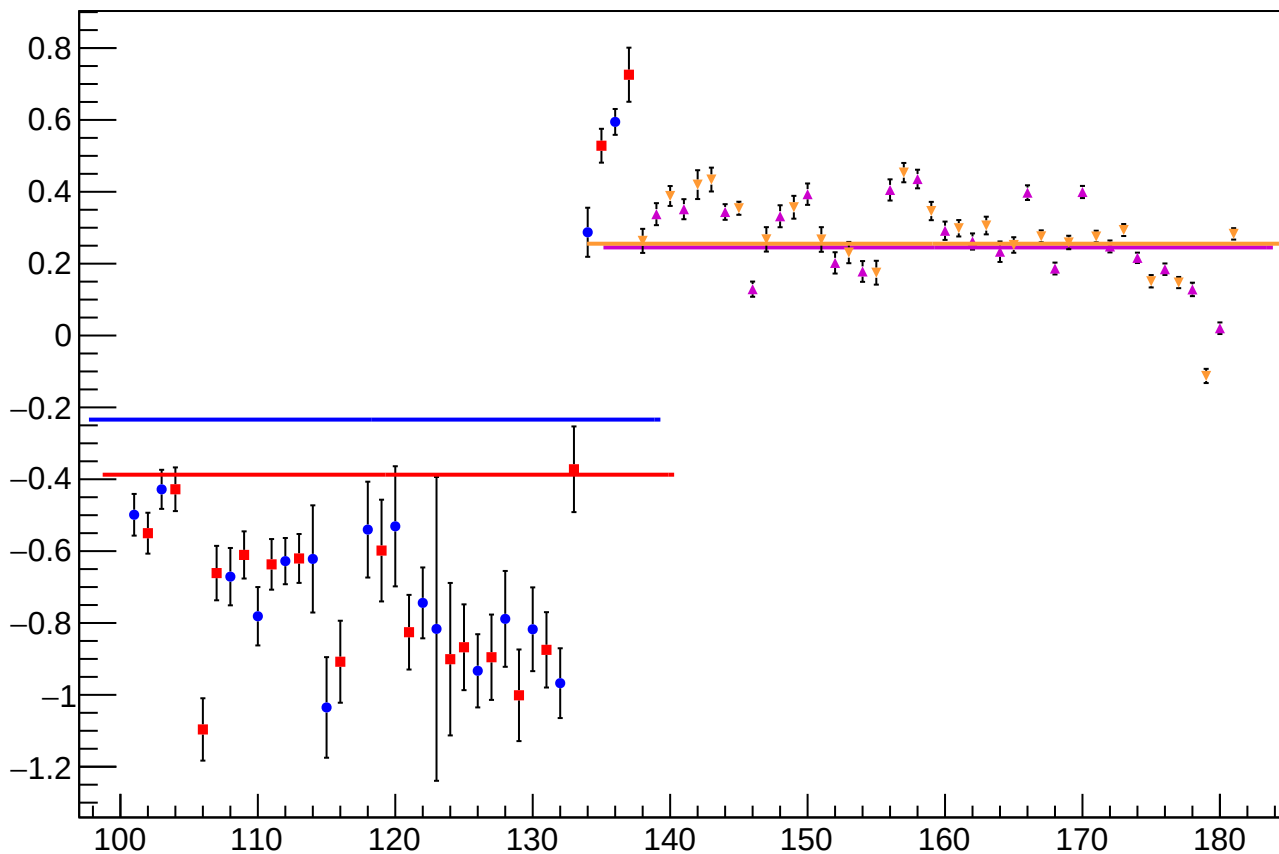
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 1.397 $\pm$ 0.096 χ^2 /NDF:2601.1/37

Out: 1.027 $\pm$ 0.096 χ^2 /NDF:3773.8/40

All: 1.211 $\pm$ 0.068 χ^2 /NDF: 6382.3/78

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: 0.256 ± 0.005 χ^2/NDF : 632.6/22

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: 0.250 ± 0.003 χ^2/NDF : 1239.5/43

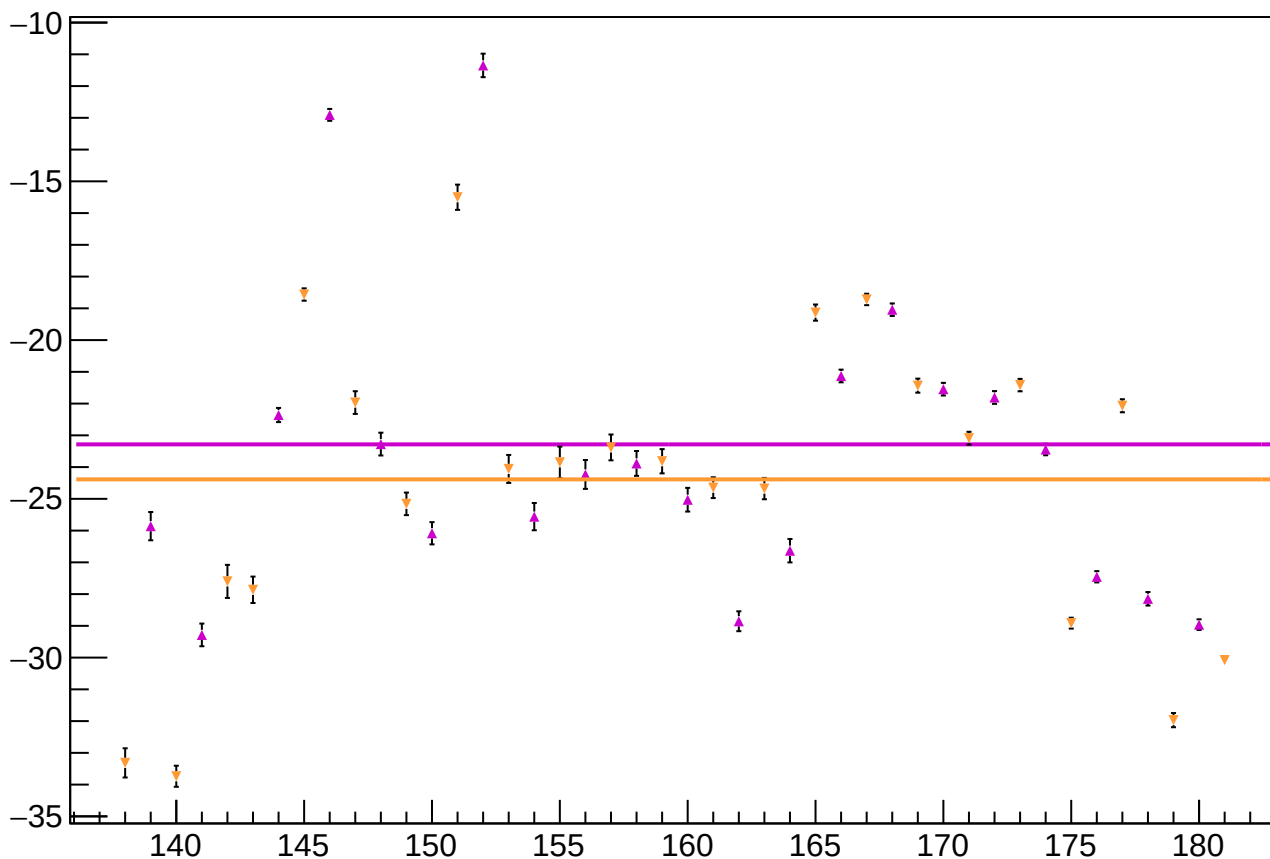
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.218 ± 0.004 χ^2/NDF : 2169.7/37

Out: 0.220 ± 0.004 χ^2/NDF : 2561.0/40

All: 0.219 ± 0.003 χ^2/NDF : 4730.8/78

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: -24.387 $\pm$ 0.053 χ^2 /NDF:7962.8/22

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: -23.839 $\pm$ 0.038 χ^2 /NDF: 16061.9/43

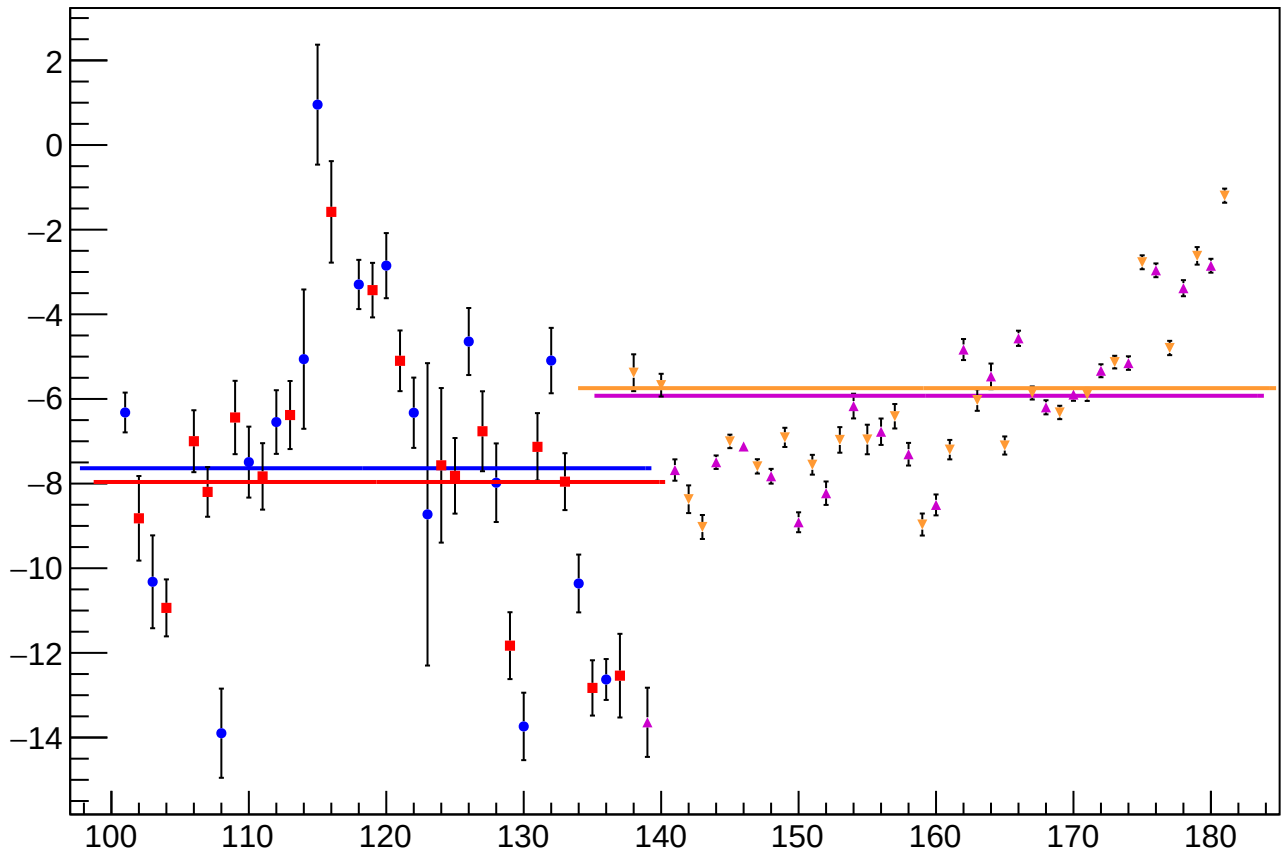
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.285 $\pm$ 0.054 χ^2 /NDF:7887.7/20

Out: -24.387 $\pm$ 0.053 χ^2 /NDF:7962.8/22

All: -23.839 $\pm$ 0.038 χ^2 /NDF: 16061.9/43

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: -5.745 ± 0.042 χ^2/NDF : 2093.3/22

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: -5.836 ± 0.030 χ^2/NDF : 3915.9/43

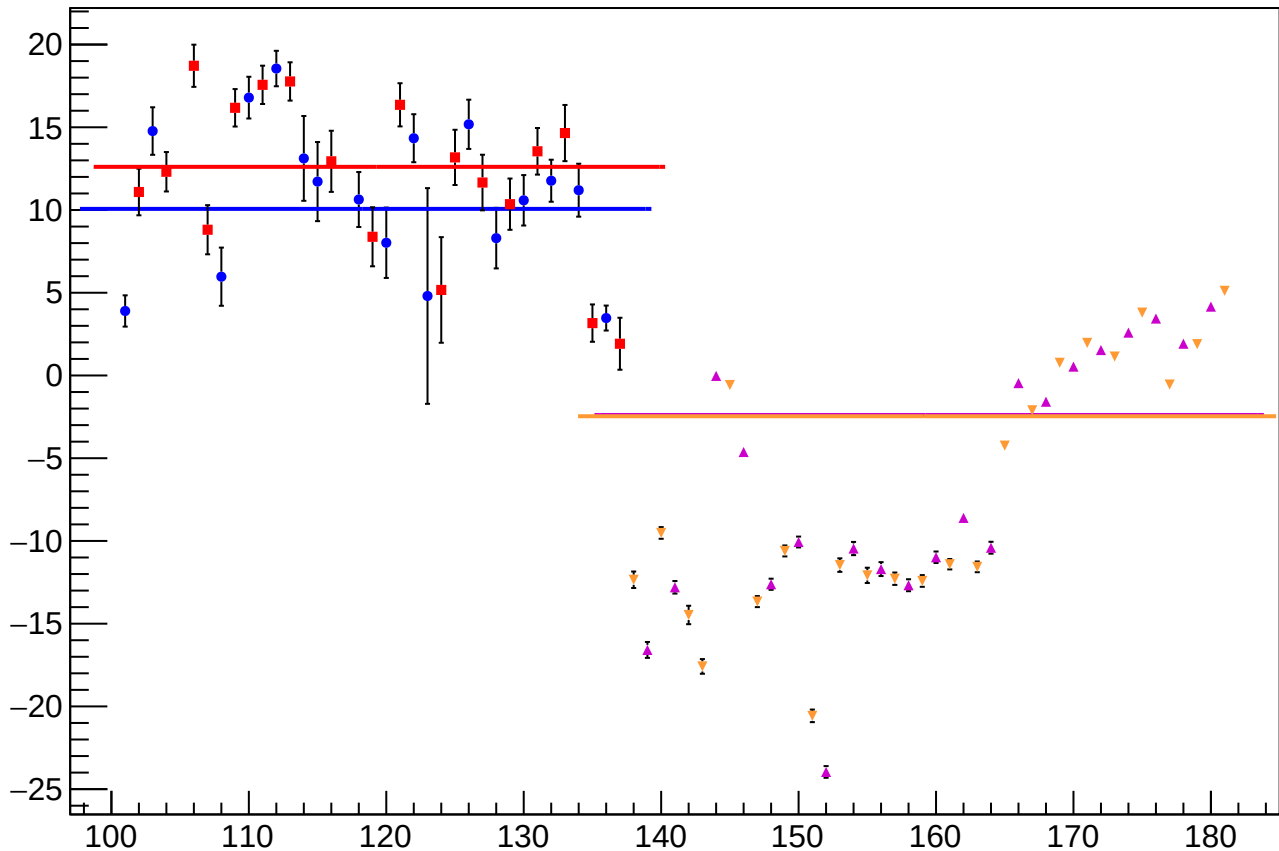
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.008 ± 0.041 χ^2/NDF : 2288.1/37

Out: -5.855 ± 0.041 χ^2/NDF : 2455.2/40

All: -5.932 ± 0.029 χ^2/NDF : 4750.2/78

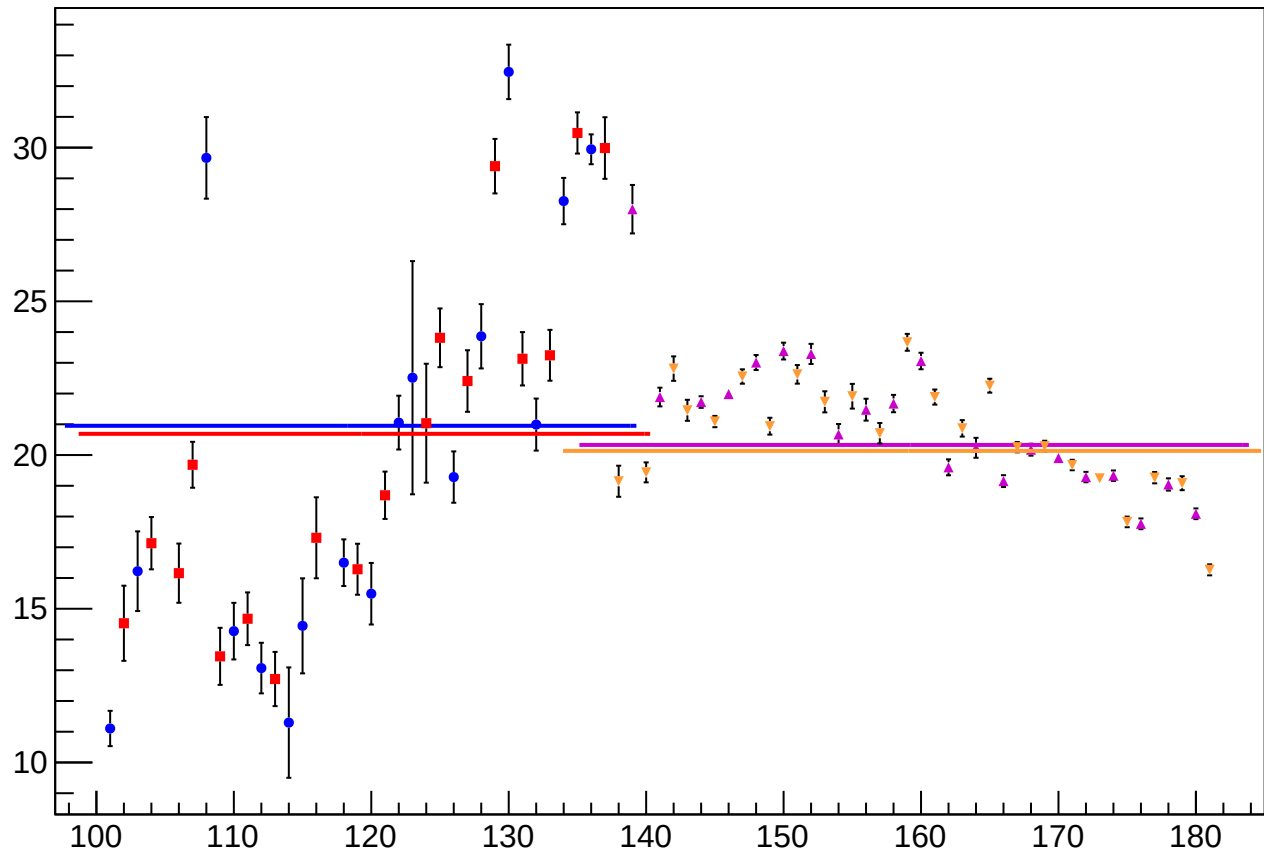
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -2.464 ± 0.054 $\chi^2/\text{NDF}: 15640.9/22$
 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: -2.425 ± 0.038 $\chi^2/\text{NDF}: 30327.5/43$
 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: -2.081 ± 0.053 $\chi^2/\text{NDF}: 17855.4/40$
 All: -2.080 ± 0.038 $\chi^2/\text{NDF}: 34123.3/78$

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: 20.135 $\pm$ 0.048 χ^2 /NDF:1364.4/22

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: 20.233 $\pm$ 0.034 χ^2 /NDF: 2685.7/43

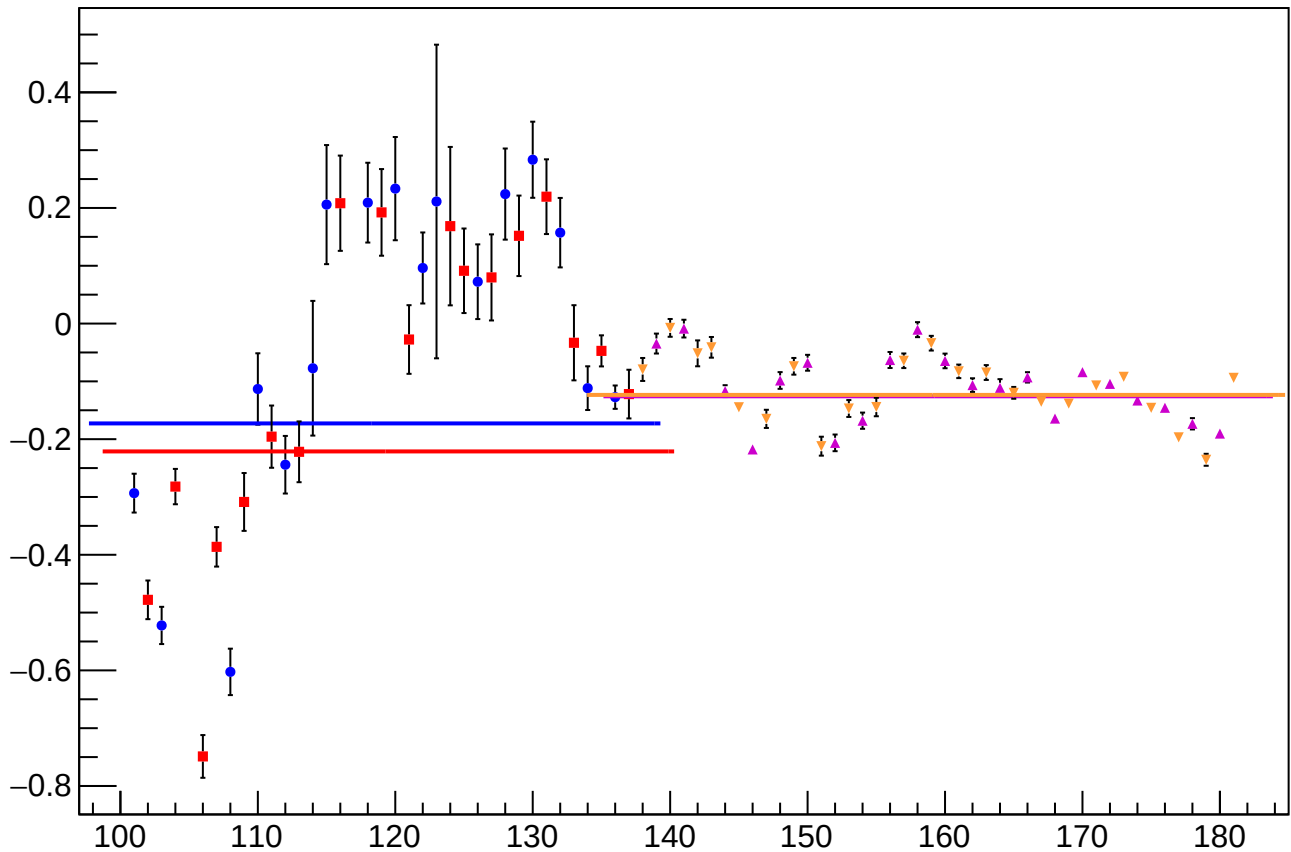
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.359 $\pm$ 0.046 χ^2 /NDF:2544.2/37

Out: 20.162 $\pm$ 0.047 χ^2 /NDF:2097.8/40

All: 20.261 $\pm$ 0.033 χ^2 /NDF: 4651.0/78

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: -0.123 ± 0.002 χ^2/NDF : 502.2/22

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: -0.125 ± 0.002 χ^2/NDF : 1070.7/43

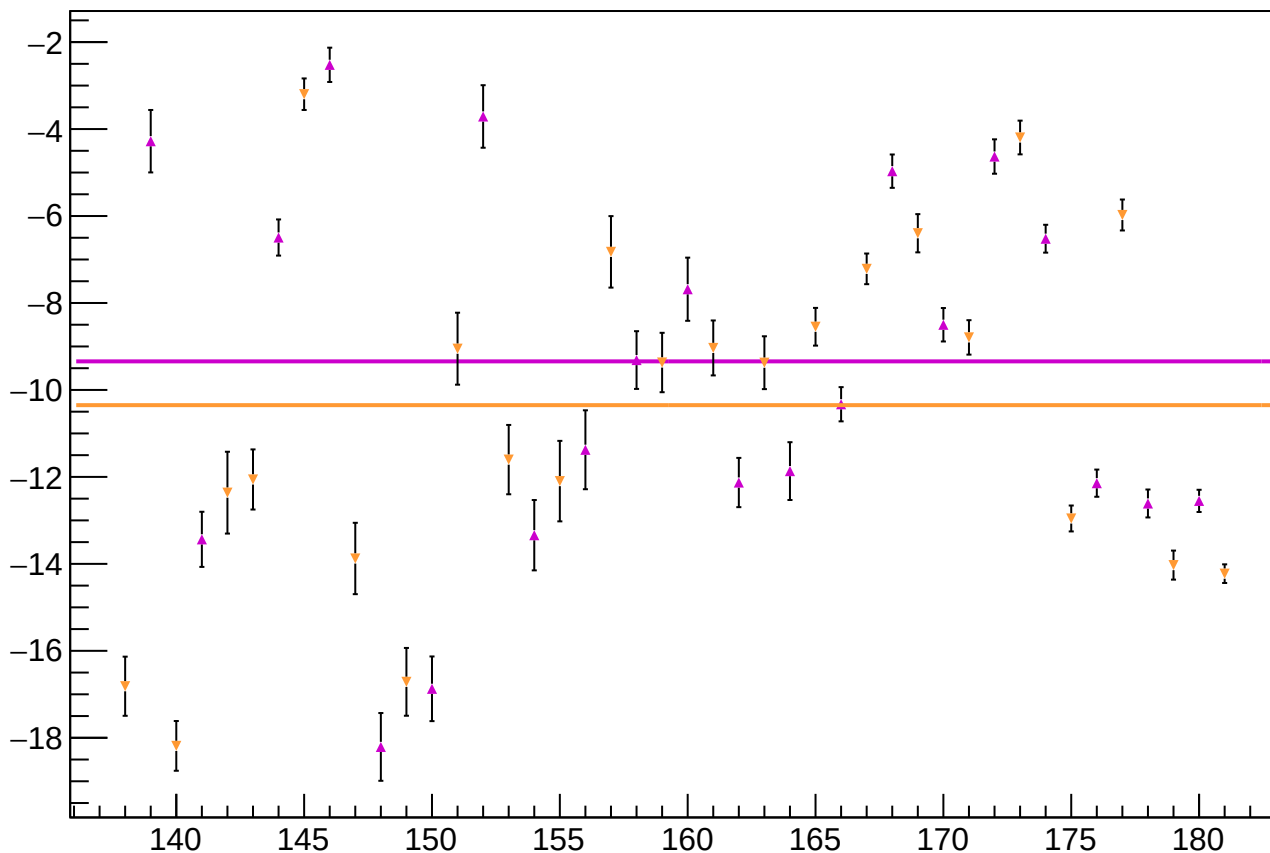
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.128 ± 0.002 χ^2/NDF : 1045.1/37

Out: -0.127 ± 0.002 χ^2/NDF : 1113.8/40

All: -0.127 ± 0.002 χ^2/NDF : 2158.9/78

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.350 $\pm$ 0.094 χ^2 /NDF:1918.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.343 $\pm$ 0.097 χ^2 /NDF:1506.1/20

Left: -9.865 $\pm$ 0.068 χ^2 /NDF: 3480.5/43

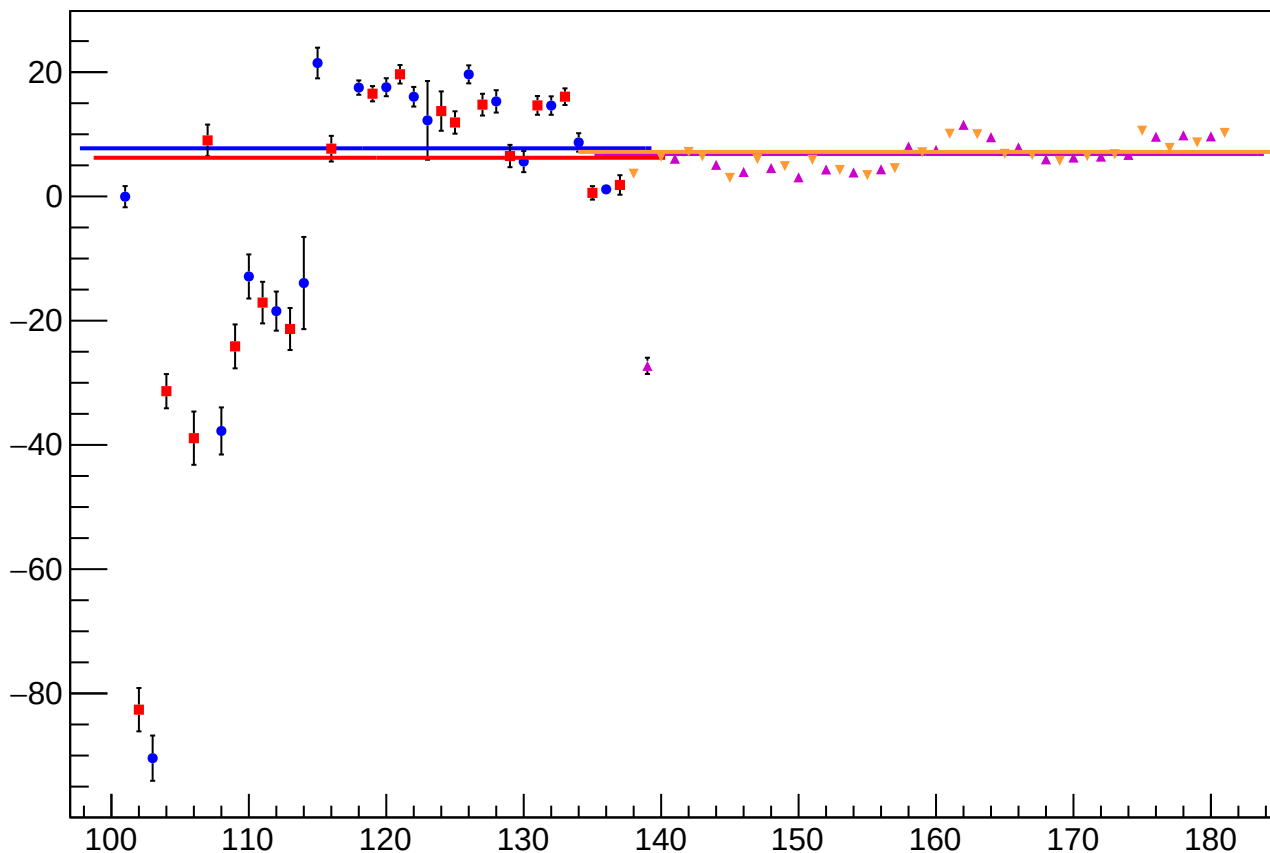
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.343 $\pm$ 0.097 χ^2 /NDF:1506.1/20

Out: -10.350 $\pm$ 0.094 χ^2 /NDF:1918.9/22

All: -9.865 $\pm$ 0.068 χ^2 /NDF: 3480.5/43

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: 7.166 ± 0.077 χ^2/NDF : 817.8/22

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: 6.996 ± 0.055 χ^2/NDF : 2331.9/43

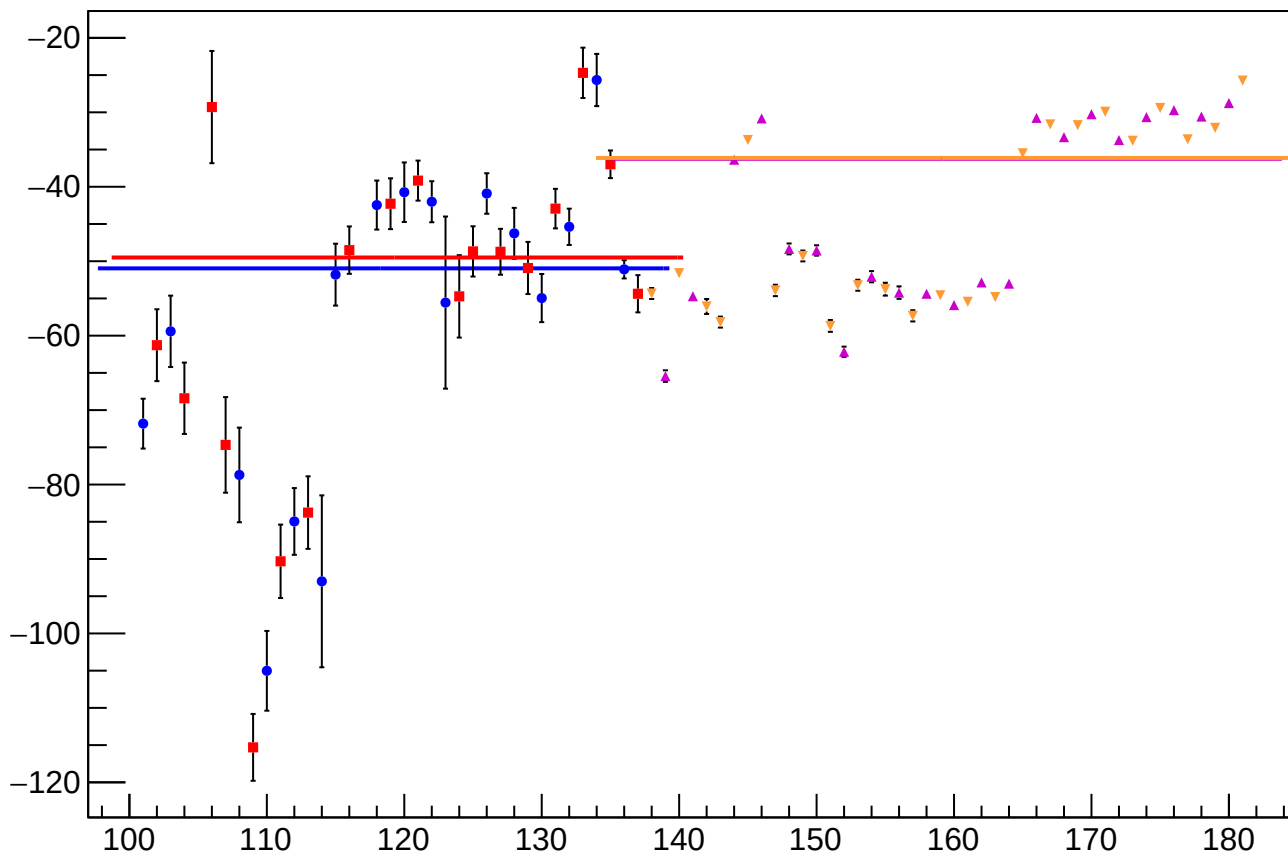
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 6.855 ± 0.077 χ^2/NDF : 2868.1/37

Out: 7.137 ± 0.076 χ^2/NDF : 2268.3/40

All: 6.997 ± 0.054 χ^2/NDF : 5143.3/78

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: -36.125 ± 0.095 χ^2/NDF : 12294.4/22

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: -36.181 ± 0.068 χ^2/NDF : 23305.2/43

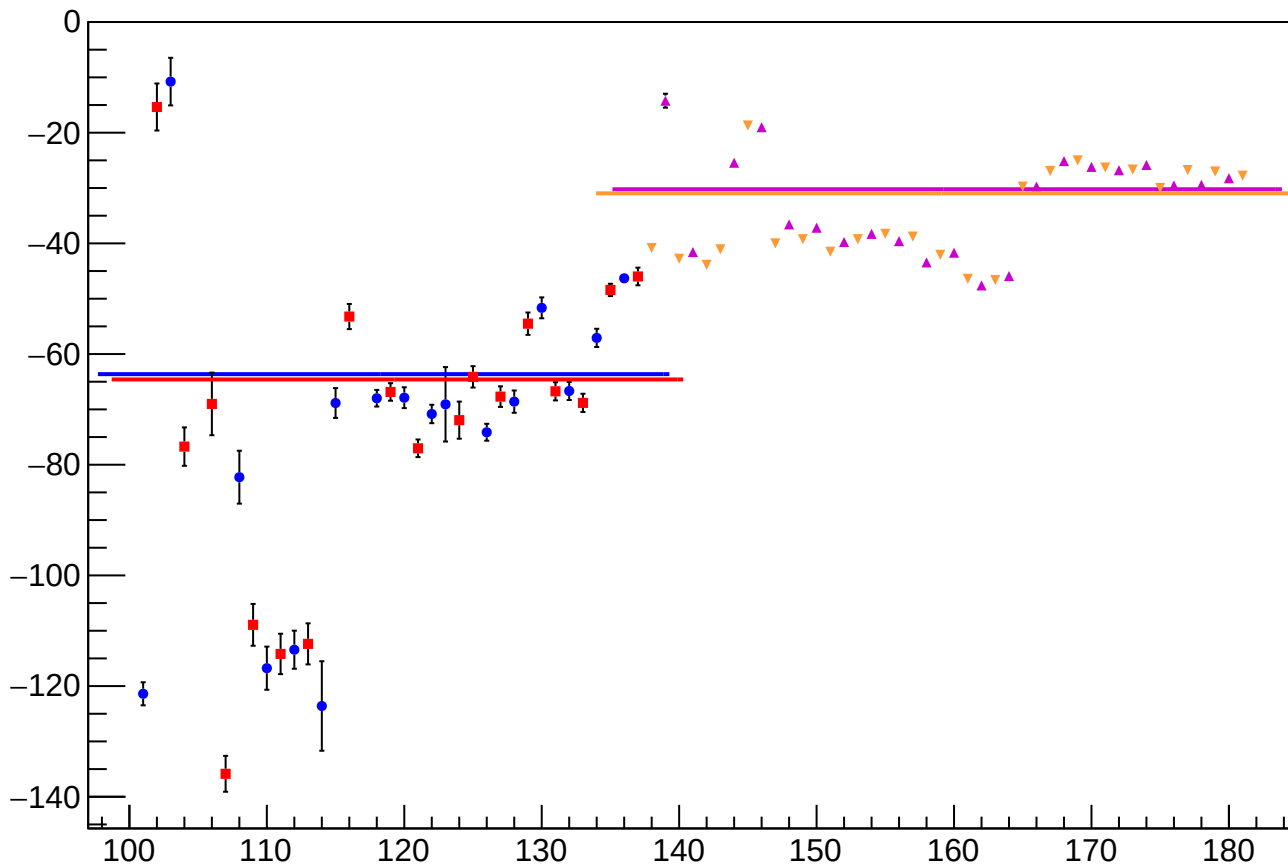
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -36.493 ± 0.097 χ^2/NDF : 11732.4/37

Out: -36.311 ± 0.094 χ^2/NDF : 13078.0/40

All: -36.399 ± 0.067 χ^2/NDF : 24812.2/78

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 $\pm$ 0.446 χ^2 /NDF: 2011.2/16

Left Out: -30.963 $\pm$ 0.086 χ^2 /NDF: 7699.7/22

Right Out: -64.590 $\pm$ 0.482 χ^2 /NDF: 1594.3/17

Left In: -30.220 $\pm$ 0.087 χ^2 /NDF: 6969.7/20

Left: -30.597 $\pm$ 0.061 χ^2 /NDF: 14706.3/43

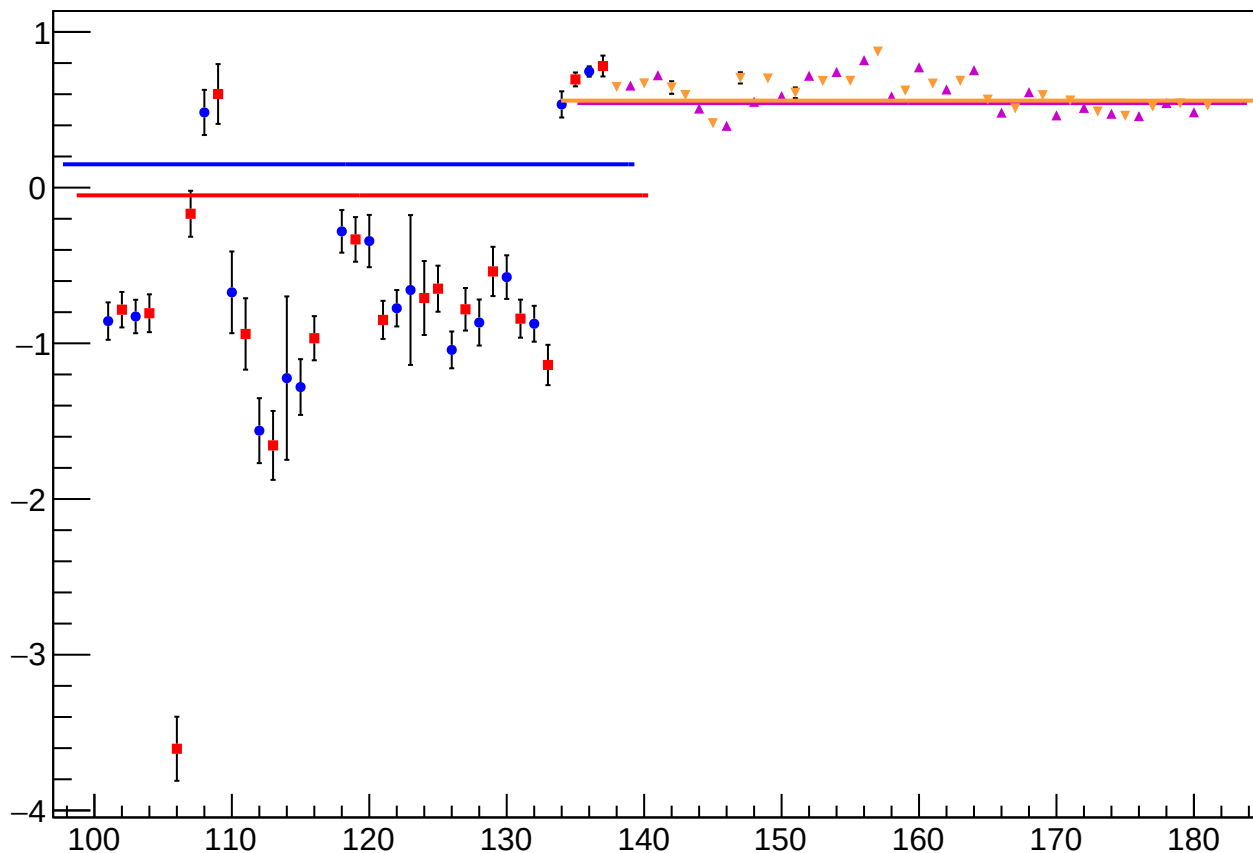
Right: -64.073 $\pm$ 0.327 χ^2 /NDF: 3607.7/34

In: -31.452 $\pm$ 0.086 χ^2 /NDF: 14389.6/37

Out: -31.996 $\pm$ 0.085 χ^2 /NDF: 14008.6/40

All: -31.728 $\pm$ 0.060 χ^2 /NDF: 28418.6/78

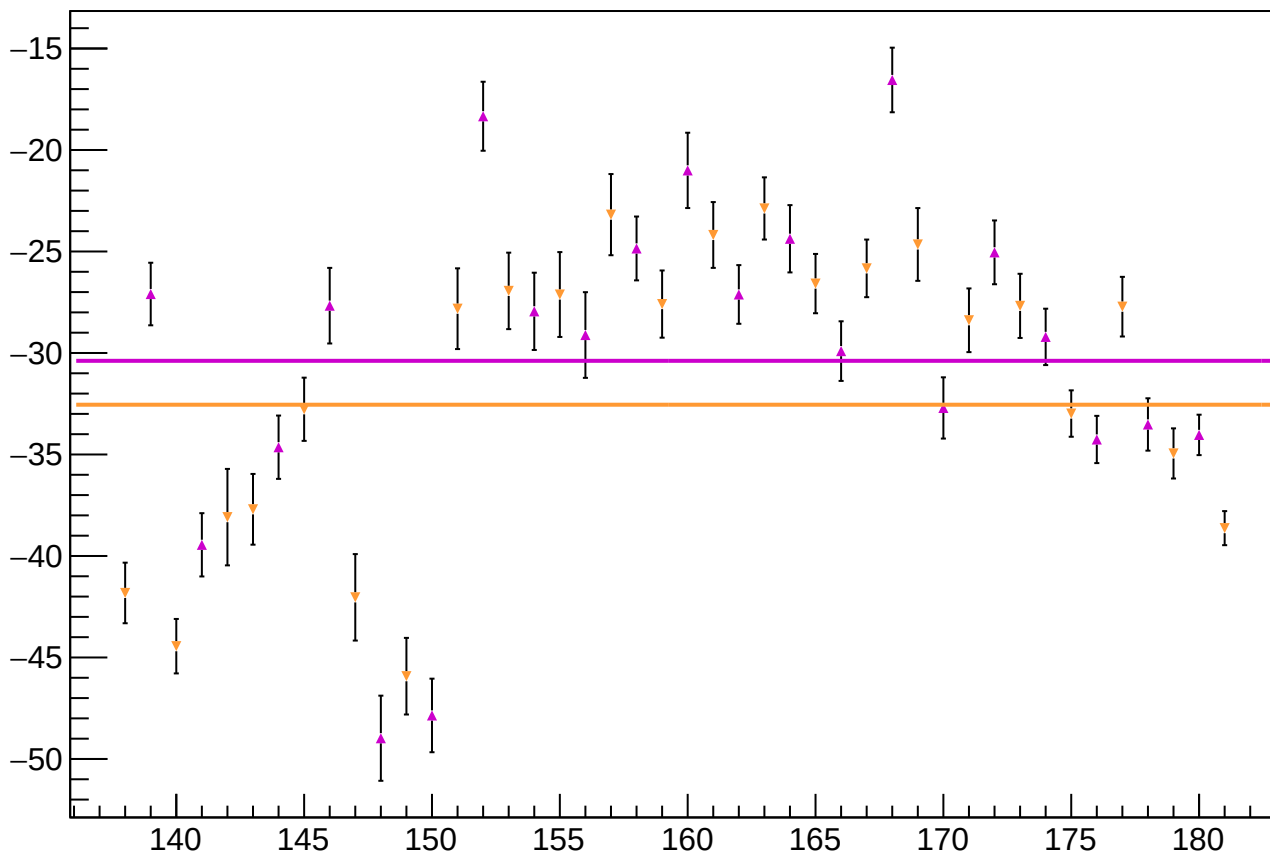
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.559 $\pm$ 0.004 χ^2/NDF : 518.5/22
 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: 0.551 $\pm$ 0.003 χ^2/NDF : 1185.3/43
 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: 0.545 $\pm$ 0.004 χ^2/NDF : 2198.7/40
 All: 0.539 $\pm$ 0.003 χ^2/NDF : 4113.8/78

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -32.548 ± 0.316 $\chi^2/\text{NDF}: 462.4/22$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -30.386 ± 0.333 $\chi^2/\text{NDF}: 448.8/20$

Left: -31.523 ± 0.229 $\chi^2/\text{NDF}: 933.4/43$

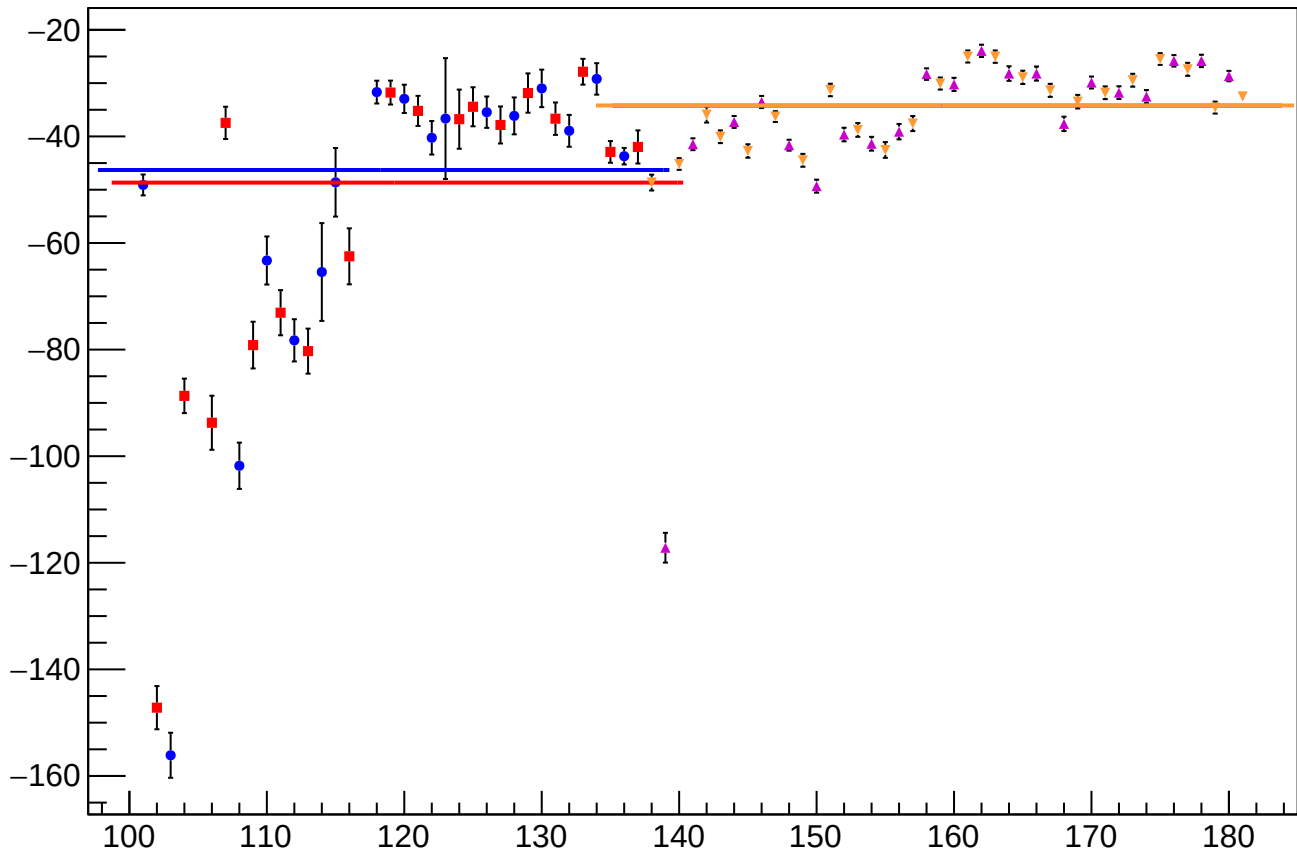
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -30.386 ± 0.333 $\chi^2/\text{NDF}: 448.8/20$

Out: -32.548 ± 0.316 $\chi^2/\text{NDF}: 462.4/22$

All: -31.523 ± 0.229 $\chi^2/\text{NDF}: 933.4/43$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.193 ± 0.250 $\chi^2/\text{NDF}: 679.0/22$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -34.221 ± 0.262 $\chi^2/\text{NDF}: 1529.0/20$

Left: -34.207 ± 0.181 $\chi^2/\text{NDF}: 2208.0/43$

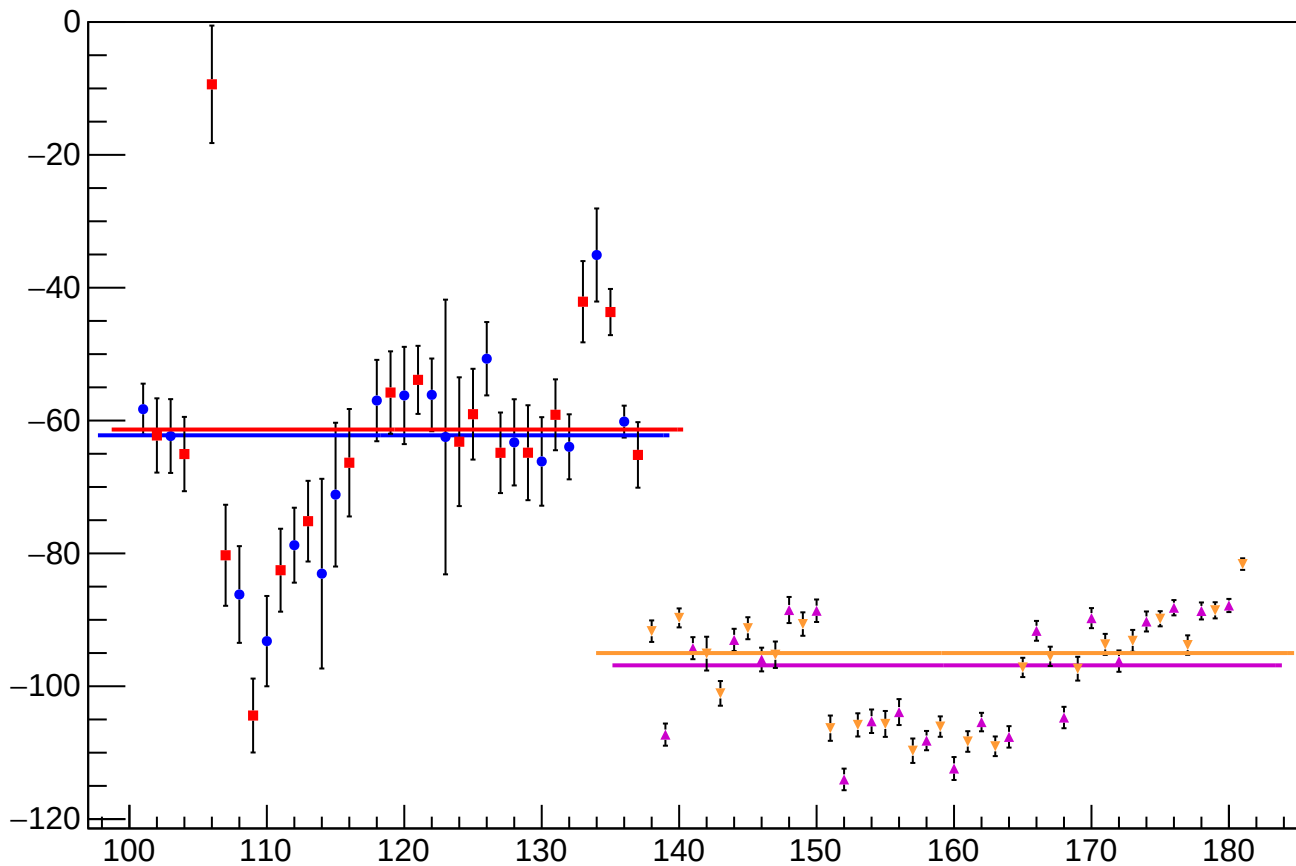
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -35.626 ± 0.247 $\chi^2/\text{NDF}: 2859.4/37$

Out: -35.593 ± 0.237 $\chi^2/\text{NDF}: 2216.0/40$

All: -35.609 ± 0.171 $\chi^2/\text{NDF}: 5075.4/78$

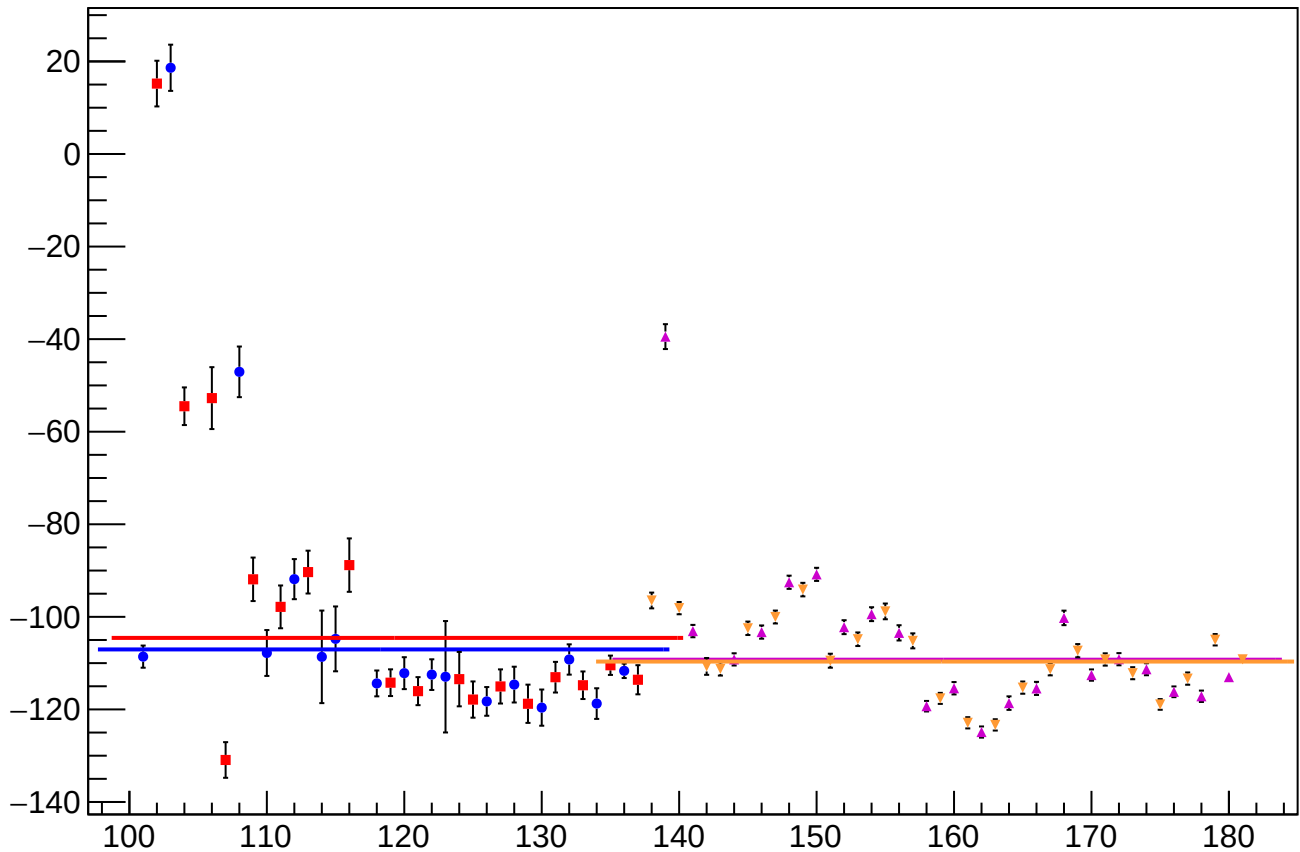
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -95.002 ± 0.317 $\chi^2/\text{NDF}: 714.3/22$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -96.851 ± 0.330 $\chi^2/\text{NDF}: 717.5/20$

Left: -95.887 ± 0.229 $\chi^2/\text{NDF}: 1448.1/43$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -94.784 ± 0.320 $\chi^2/\text{NDF}: 1440.3/37$
 Out: -93.326 ± 0.309 $\chi^2/\text{NDF}: 1435.4/40$
 All: -94.028 ± 0.222 $\chi^2/\text{NDF}: 2886.4/78$

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: -109.660 ± 0.282 χ^2/NDF : 782.7/22

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: -109.468 ± 0.203 χ^2/NDF : 2339.9/43

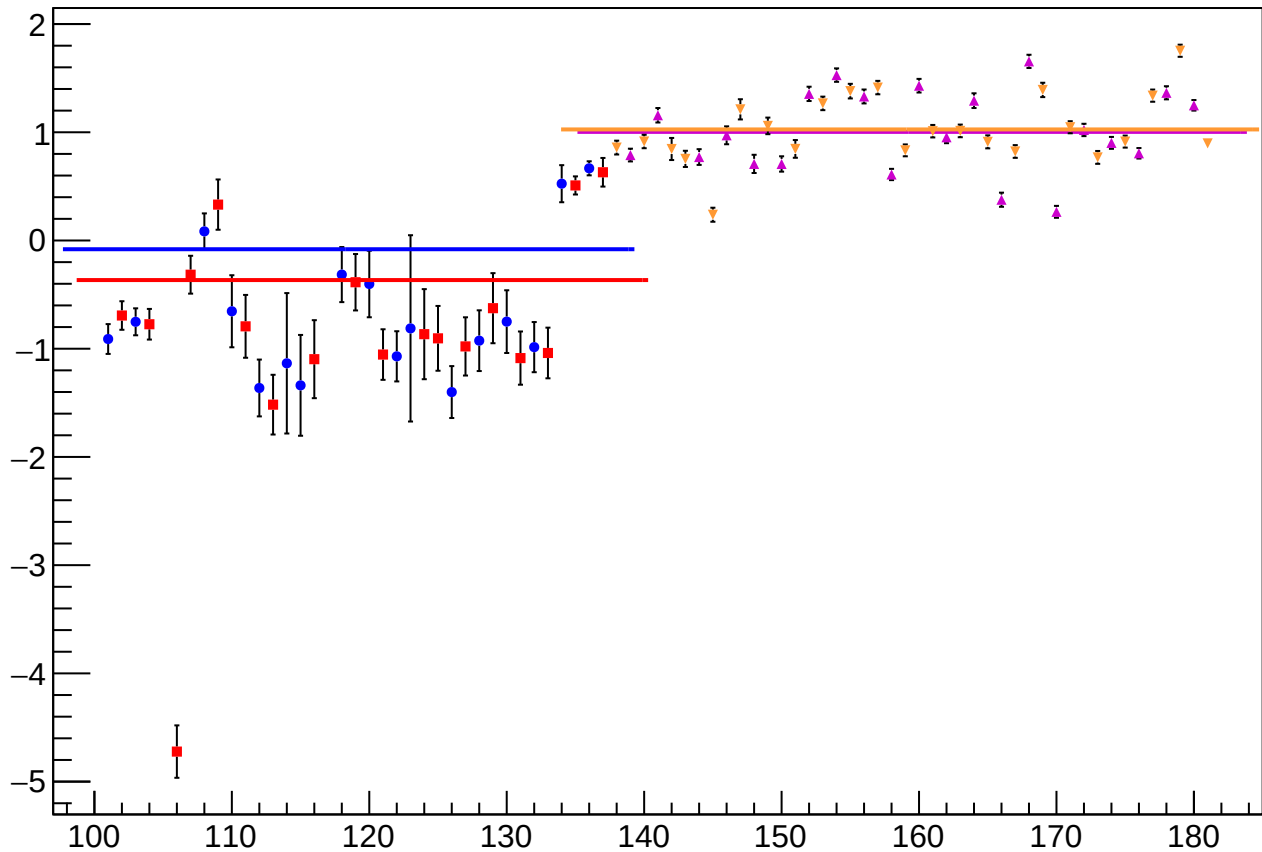
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -109.002 ± 0.277 χ^2/NDF : 2390.7/37

Out: -109.165 ± 0.268 χ^2/NDF : 1782.0/40

All: -109.086 ± 0.192 χ^2/NDF : 4172.8/78

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: 1.026 ± 0.013 χ^2/NDF : 552.0/22

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: 1.015 ± 0.009 χ^2/NDF : 1325.3/43

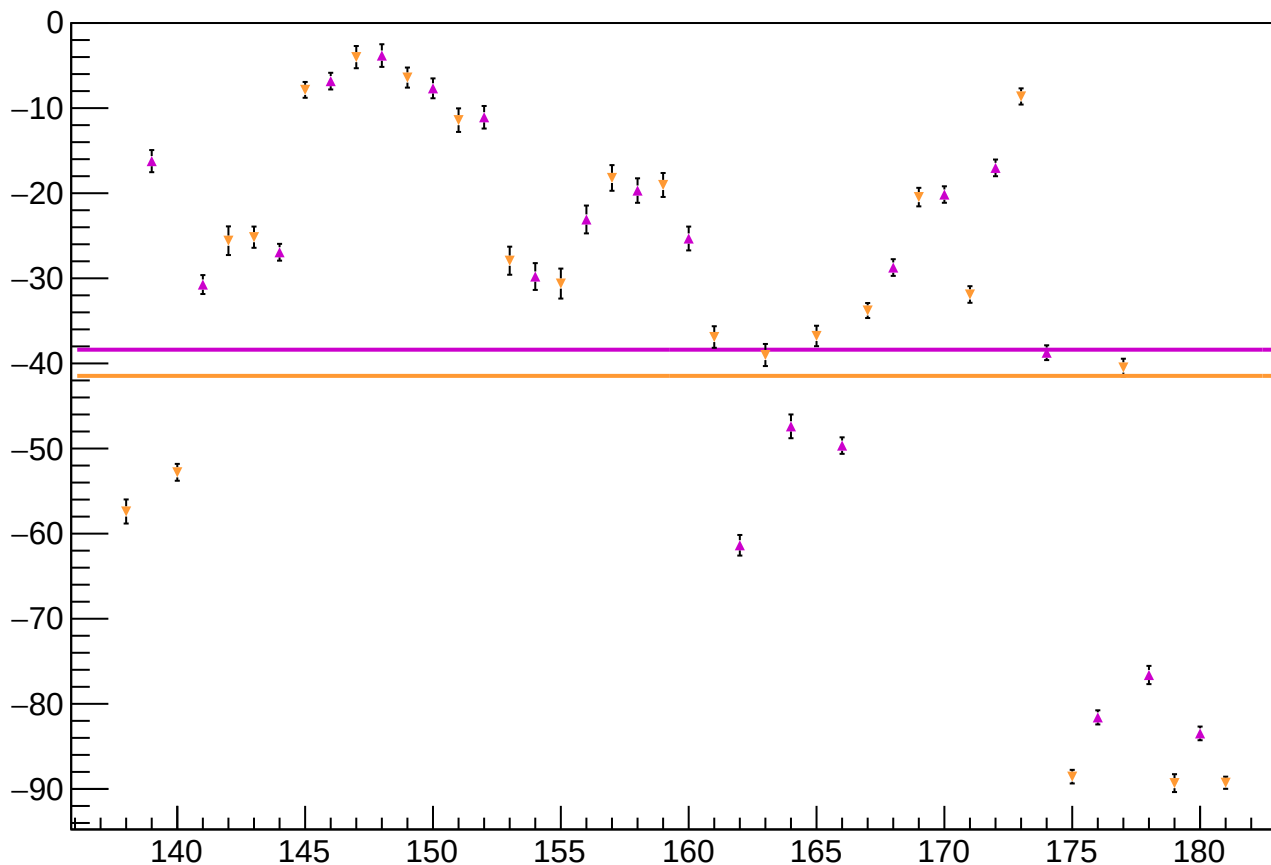
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.906 ± 0.013 χ^2/NDF : 1701.6/37

Out: 0.915 ± 0.012 χ^2/NDF : 2045.1/40

All: 0.910 ± 0.009 χ^2/NDF : 3747.0/78

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: -41.463+/-0.231 χ^2/NDF :16387.1/22

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: -39.967+/-0.166 χ^2/NDF : 28723.1/43

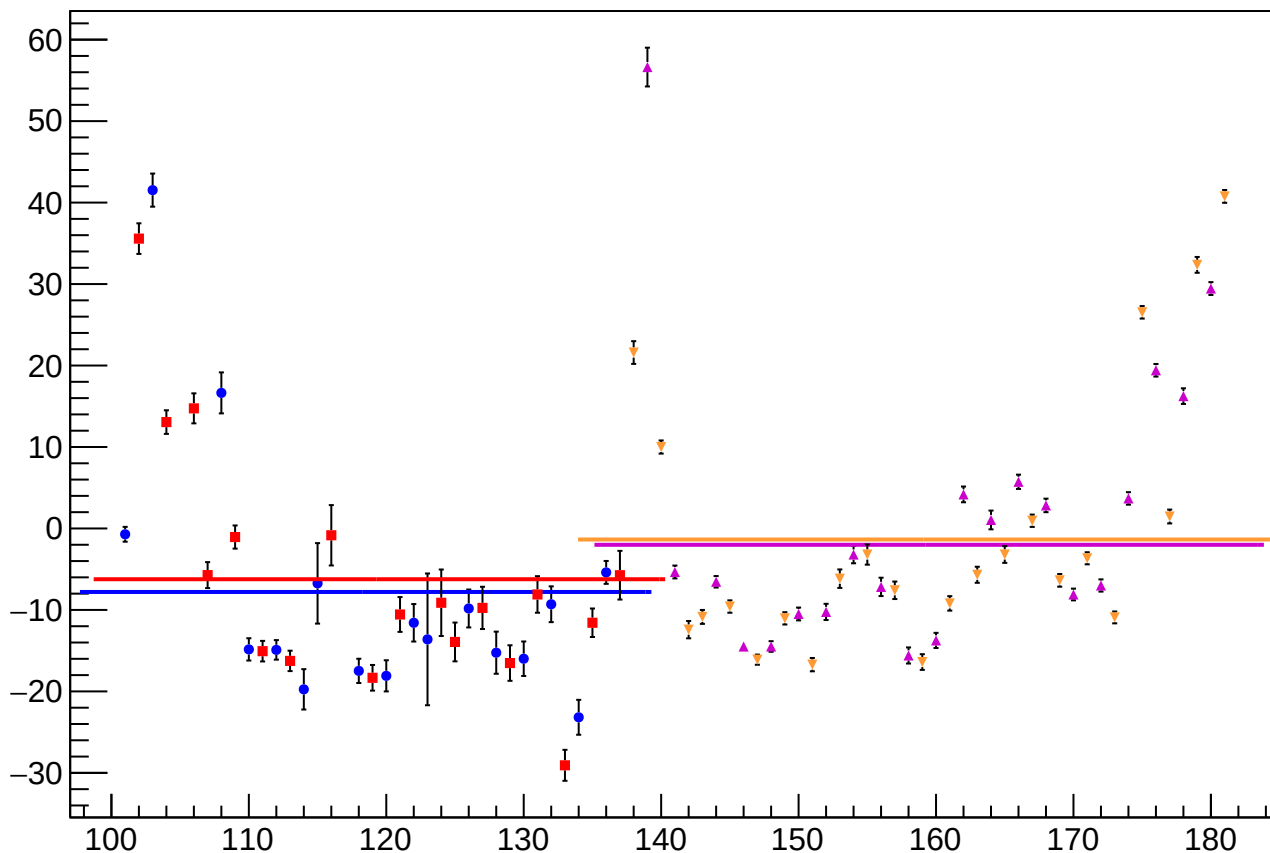
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.386+/-0.238 χ^2/NDF :12250.0/20

Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

All: -39.967+/-0.166 χ^2/NDF : 28723.1/43

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: -1.355 ± 0.179 χ^2/NDF : 7910.5/22

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: -1.671 ± 0.128 χ^2/NDF : 12972.2/43

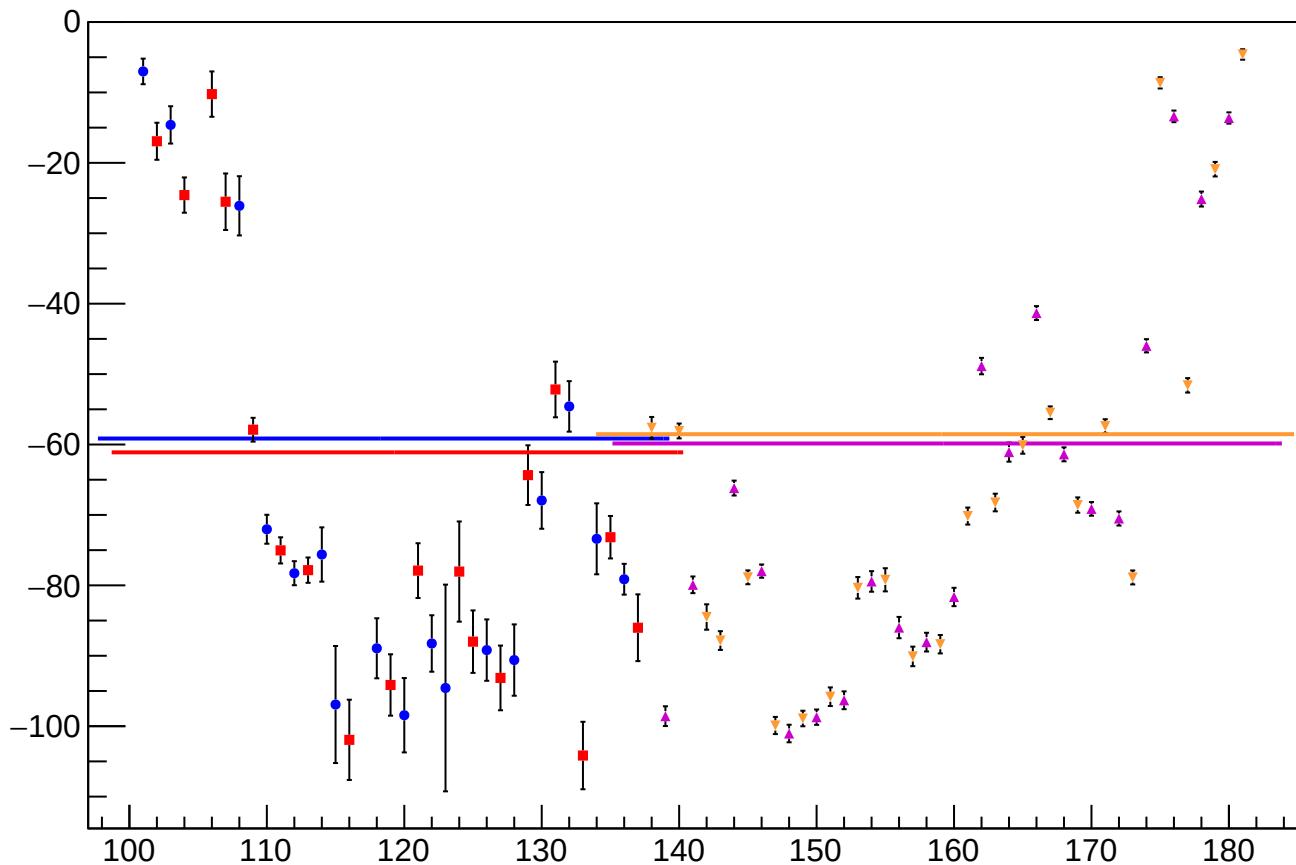
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -2.907 ± 0.169 χ^2/NDF : 6192.4/37

Out: -2.074 ± 0.165 χ^2/NDF : 9203.2/40

All: -2.481 ± 0.118 χ^2/NDF : 15408.1/78

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -58.534 ± 0.232 $\chi^2/\text{NDF}: 17004.1/22$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -59.853 ± 0.237 $\chi^2/\text{NDF}: 14293.0/20$

Left: -59.179 ± 0.166 $\chi^2/\text{NDF}: 31313.0/43$

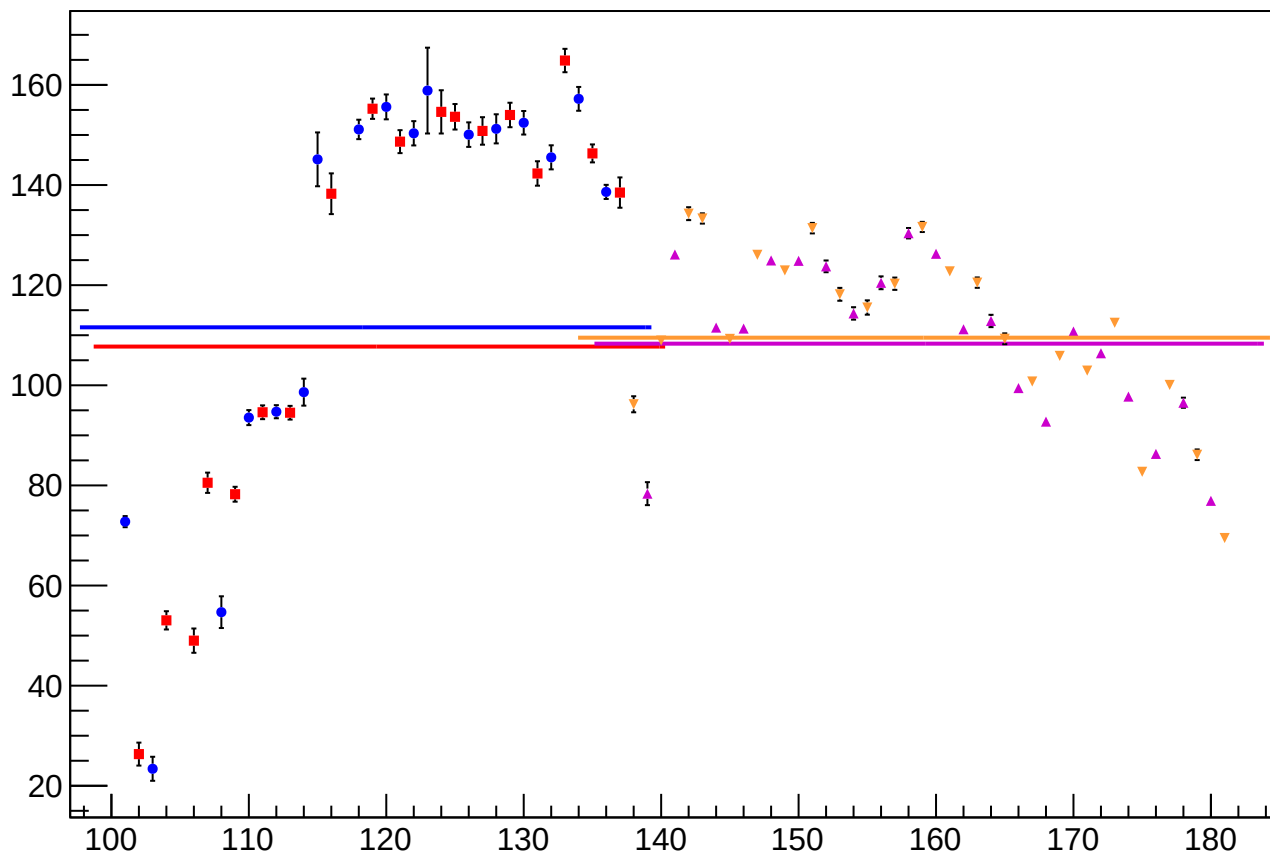
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -59.788 ± 0.226 $\chi^2/\text{NDF}: 16012.1/37$

Out: -58.784 ± 0.220 $\chi^2/\text{NDF}: 18333.9/40$

All: -59.274 ± 0.158 $\chi^2/\text{NDF}: 34356.2/78$

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: 109.510 $\pm$ 0.203 χ^2 /NDF: 7069.4/22

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: 108.927 $\pm$ 0.145 χ^2 /NDF: 12149.1/43

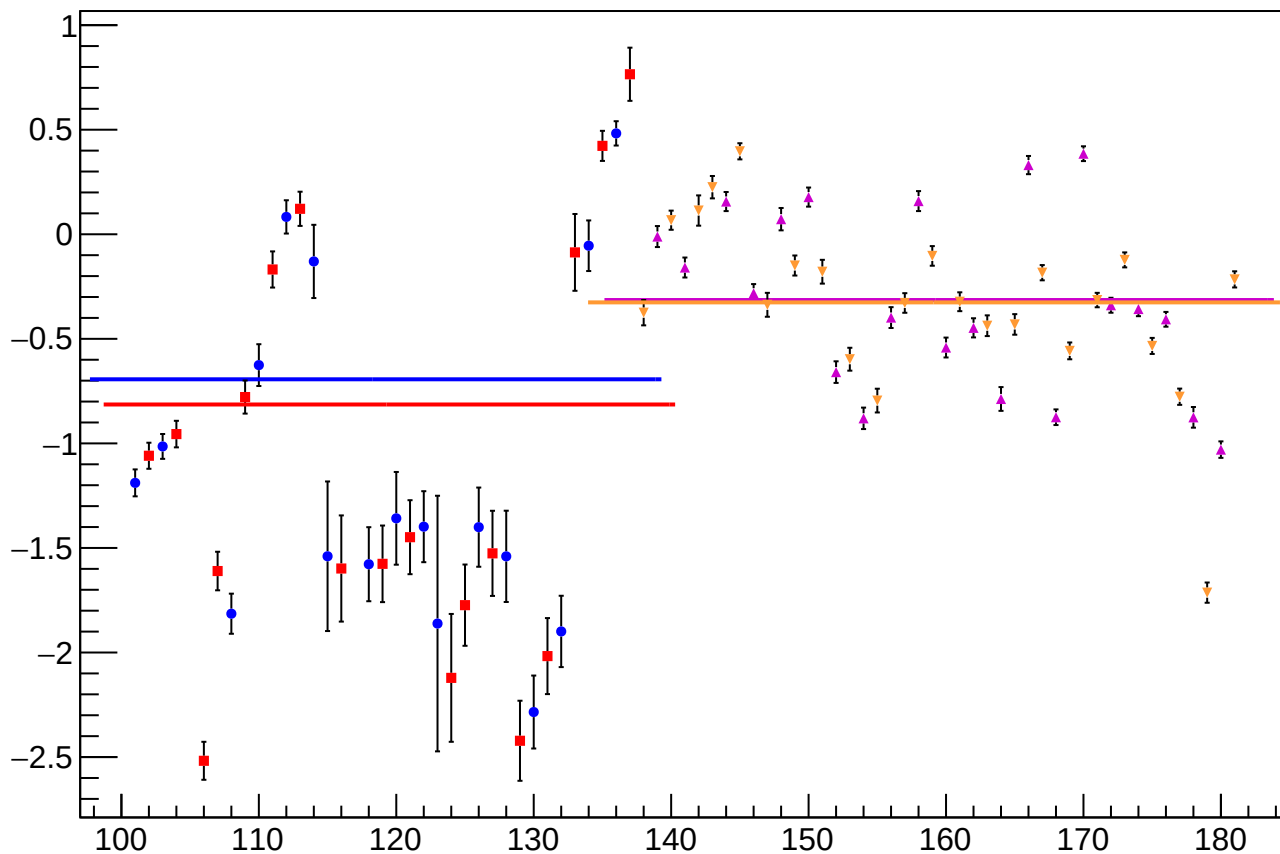
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 108.819 $\pm$ 0.192 χ^2 /NDF: 11046.7/37

Out: 109.248 $\pm$ 0.188 χ^2 /NDF: 13916.8/40

All: 109.038 $\pm$ 0.134 χ^2 /NDF: 24966.1/78

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: -0.326 ± 0.009 χ^2/NDF : 1788.1/22

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: -0.320 ± 0.007 χ^2/NDF : 3781.7/43

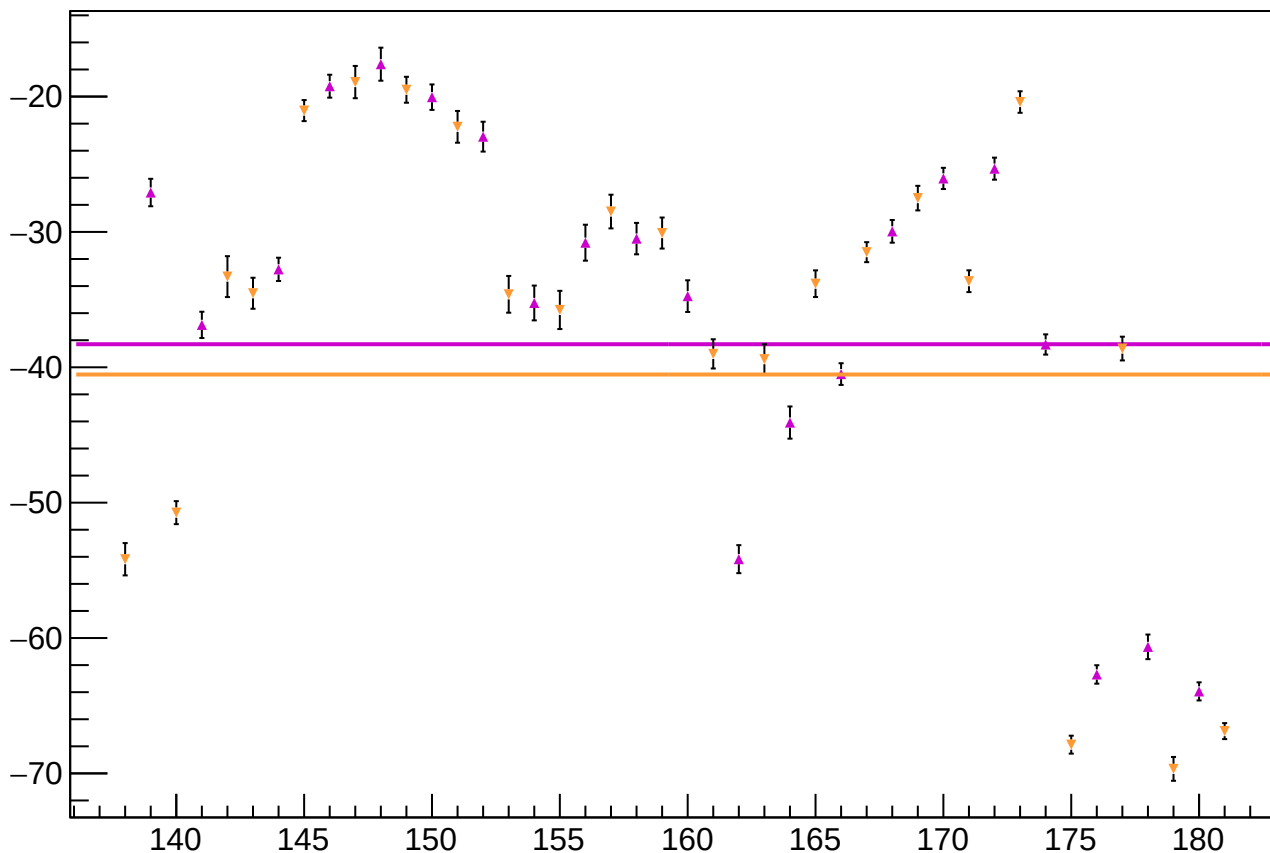
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.360 ± 0.009 χ^2/NDF : 3173.5/37

Out: -0.389 ± 0.009 χ^2/NDF : 3443.5/40

All: -0.374 ± 0.006 χ^2/NDF : 6622.2/78

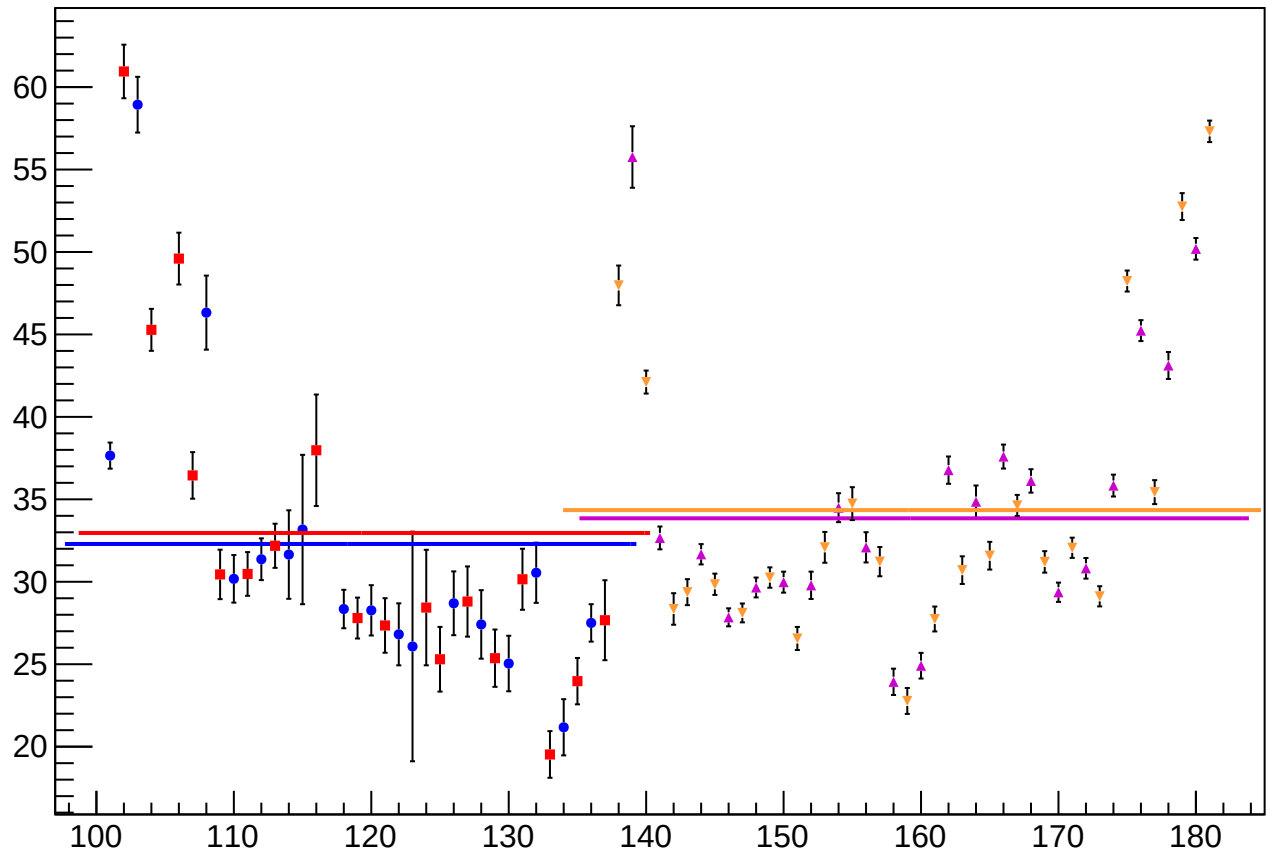
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -40.533 ± 0.194 χ^2/NDF : 8128.9/22
 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: -39.443 ± 0.139 χ^2/NDF : 14038.6/43
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -38.295 ± 0.199 χ^2/NDF : 5844.9/20
 Out: -40.533 ± 0.194 χ^2/NDF : 8128.9/22
 All: -39.443 ± 0.139 χ^2/NDF : 14038.6/43

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: 34.346 ± 0.152 $\chi^2/\text{NDF}: 3344.9/22$

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: 34.104 ± 0.109 $\chi^2/\text{NDF}: 5237.7/43$

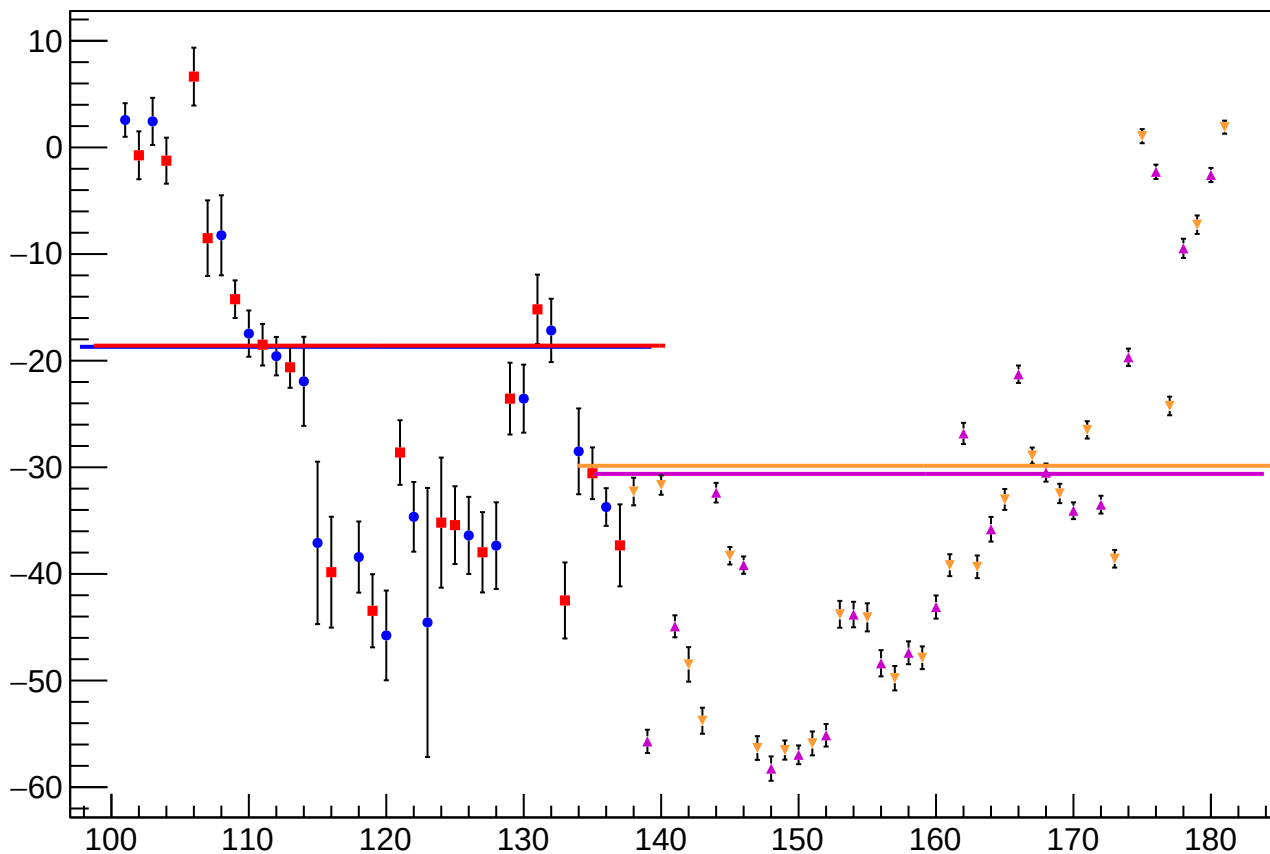
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 33.617 ± 0.144 $\chi^2/\text{NDF}: 2354.9/37$

Out: 34.156 ± 0.141 $\chi^2/\text{NDF}: 4080.4/40$

All: 33.892 ± 0.101 $\chi^2/\text{NDF}: 6442.5/78$

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: -29.857 ± 0.194 $\chi^2/\text{NDF}: 9335.0/22$

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: -30.230 ± 0.139 $\chi^2/\text{NDF}: 17373.0/43$

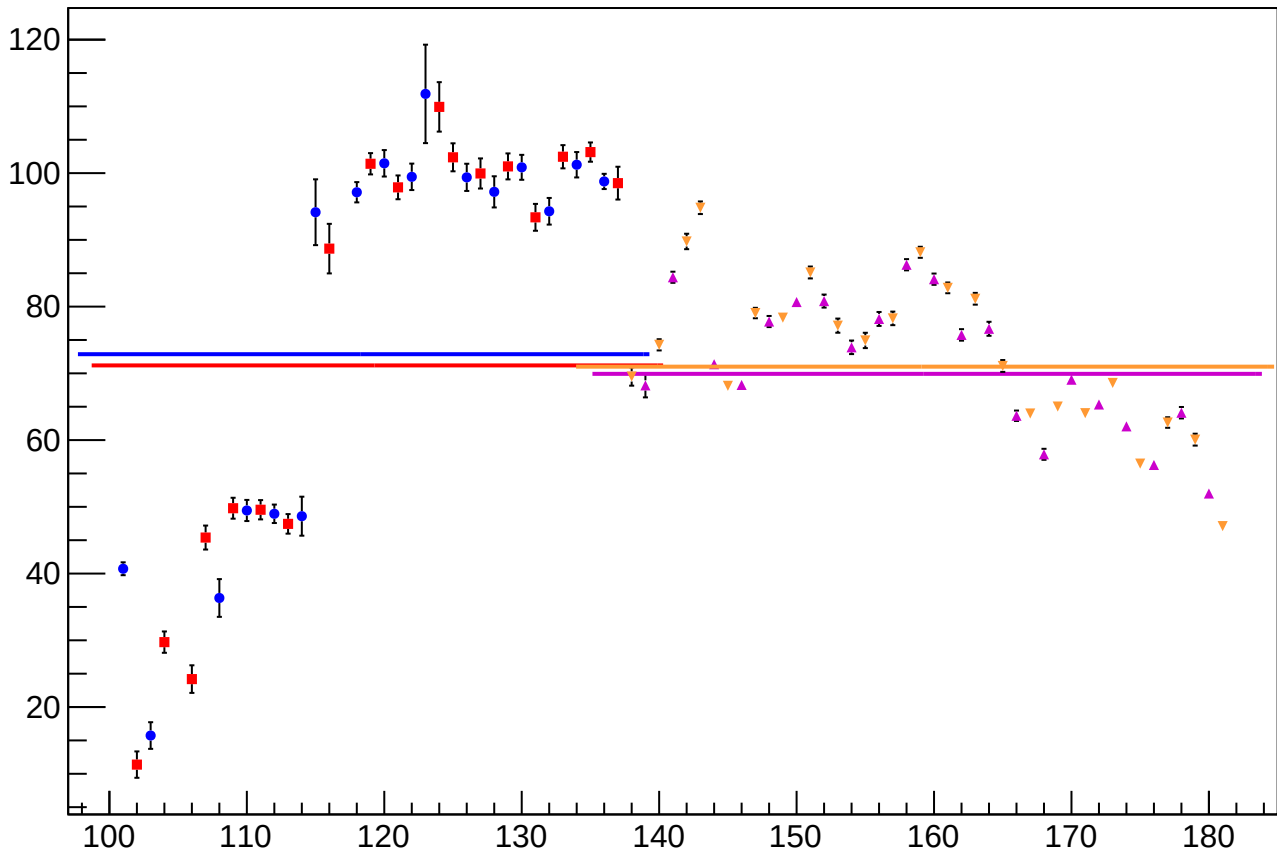
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -29.648 ± 0.190 $\chi^2/\text{NDF}: 8843.3/37$

Out: -28.925 ± 0.186 $\chi^2/\text{NDF}: 10074.0/40$

All: -29.279 ± 0.133 $\chi^2/\text{NDF}: 18924.7/78$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 71.004 $\pm$ 0.171 χ^2 /NDF: 4446.3/22

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 69.925 $\pm$ 0.176 χ^2 /NDF: 3123.4/20

Left: 70.477 $\pm$ 0.123 χ^2 /NDF: 7589.0/43

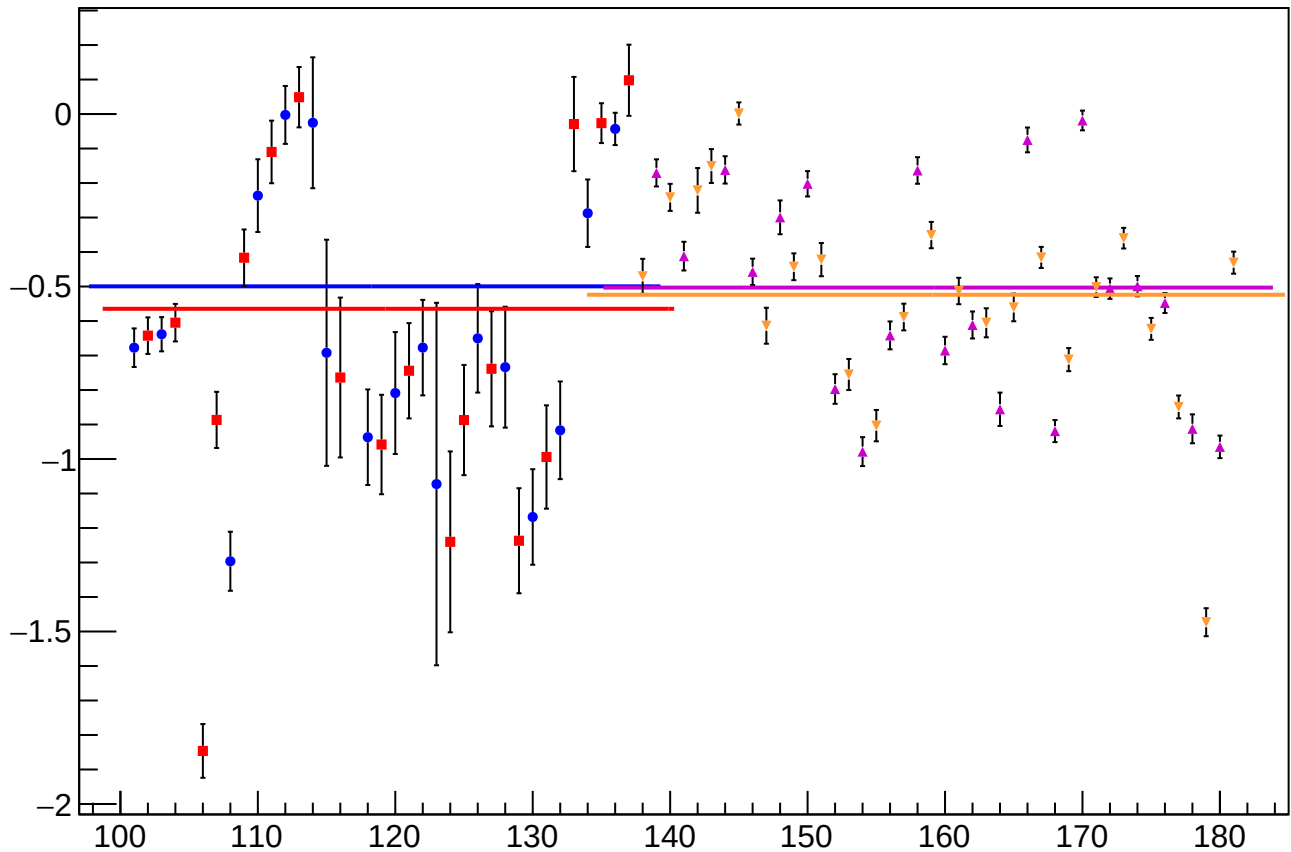
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 70.352 $\pm$ 0.162 χ^2 /NDF: 7891.3/37

Out: 71.029 $\pm$ 0.159 χ^2 /NDF: 9821.6/40

All: 70.697 $\pm$ 0.114 χ^2 /NDF: 17721.7/78

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: -0.524 ± 0.008 χ^2/NDF : 1270.0/22

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: -0.514 ± 0.006 χ^2/NDF : 2751.6/43

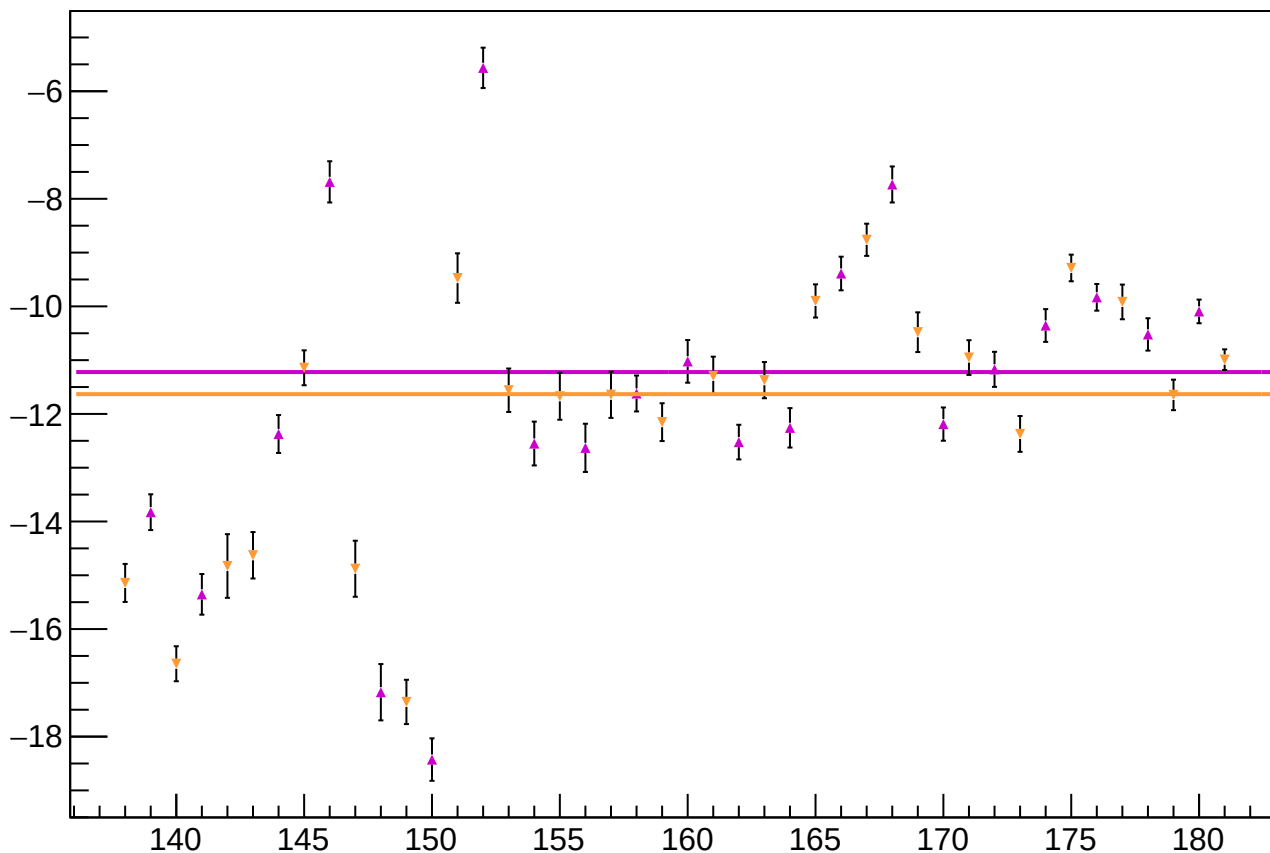
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.503 ± 0.007 χ^2/NDF : 1780.9/37

Out: -0.529 ± 0.007 χ^2/NDF : 1832.5/40

All: -0.516 ± 0.005 χ^2/NDF : 3619.5/78

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.632+/-0.070 χ^2/NDF :945.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Left: -11.435+/-0.050 χ^2/NDF : 2198.5/43

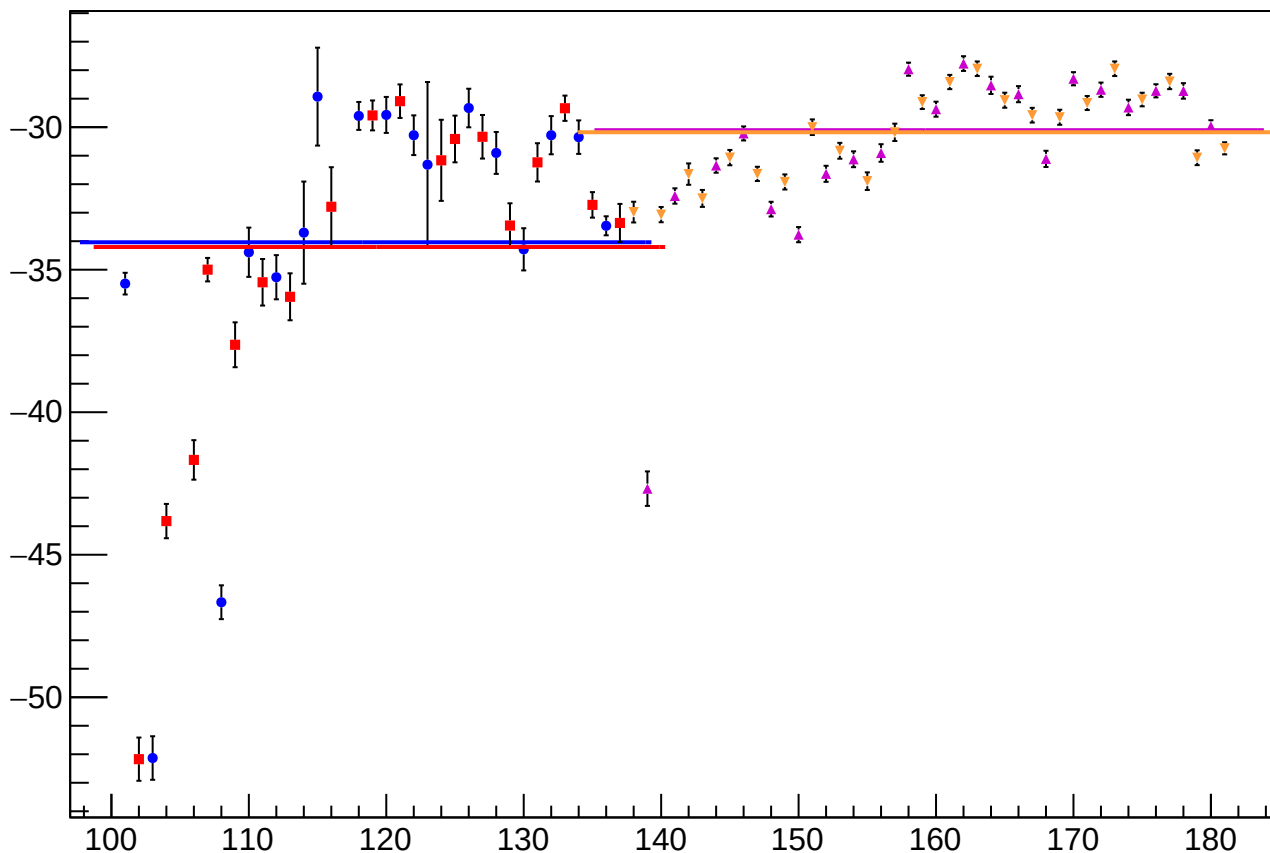
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.222+/-0.073 χ^2/NDF :1236.9/20

Out: -11.632+/-0.070 χ^2/NDF :945.0/22

All: -11.435+/-0.050 χ^2/NDF : 2198.5/43

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: -30.177 ± 0.056 χ^2/NDF : 727.8/22

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: -30.143 ± 0.040 χ^2/NDF : 2009.1/43

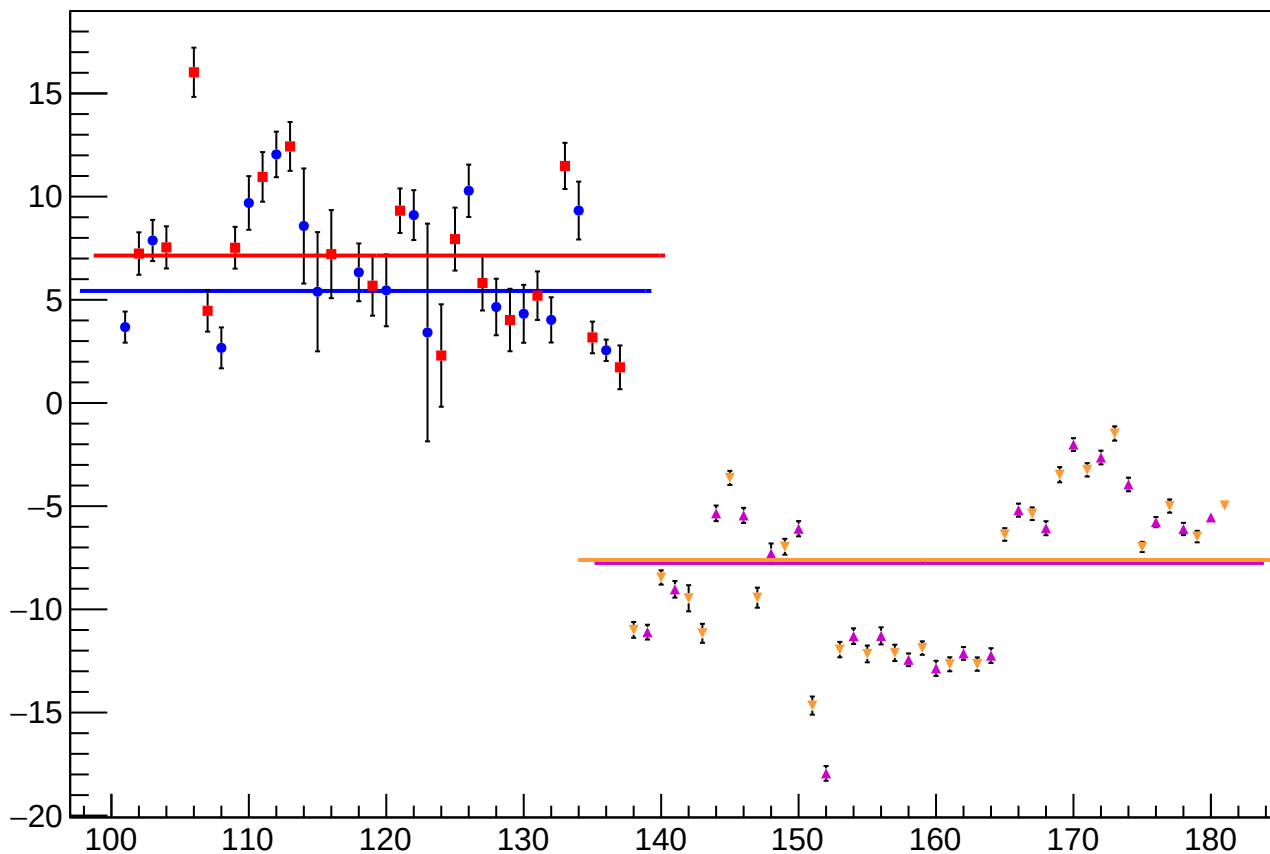
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.609 ± 0.054 χ^2/NDF : 3215.8/37

Out: -30.659 ± 0.052 χ^2/NDF : 2676.3/40

All: -30.635 ± 0.038 χ^2/NDF : 5892.5/78

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.607 ± 0.070 χ^2/NDF : 2534.8/22

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -7.749 ± 0.072 χ^2/NDF : 2942.5/20

Left: -7.676 ± 0.050 χ^2/NDF : 5479.3/43

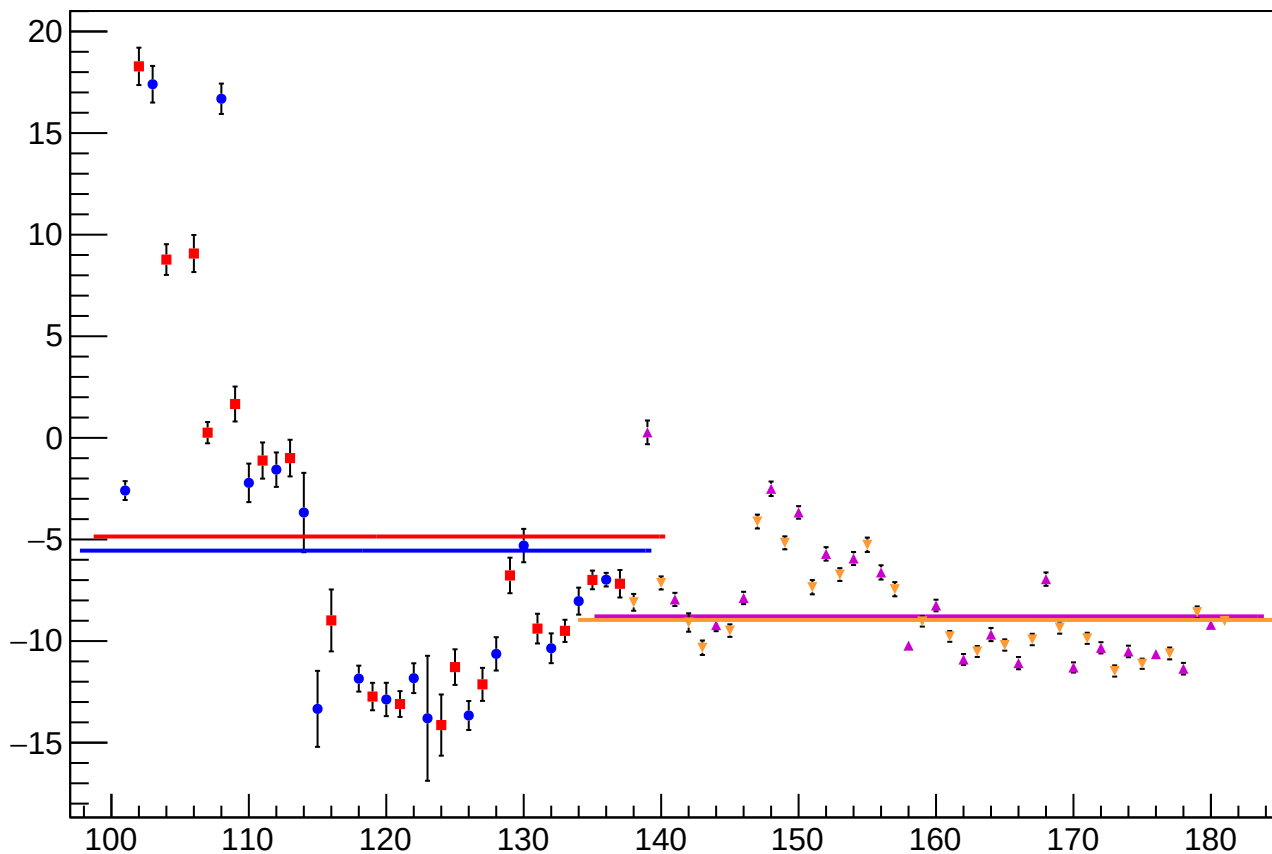
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -6.871 ± 0.070 χ^2/NDF : 5300.5/37

Out: -6.710 ± 0.068 χ^2/NDF : 5416.4/40

All: -6.789 ± 0.049 χ^2/NDF : 10719.6/78

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: -8.961 ± 0.062 χ^2/NDF : 870.3/22

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: -8.876 ± 0.045 χ^2/NDF : 2421.9/43

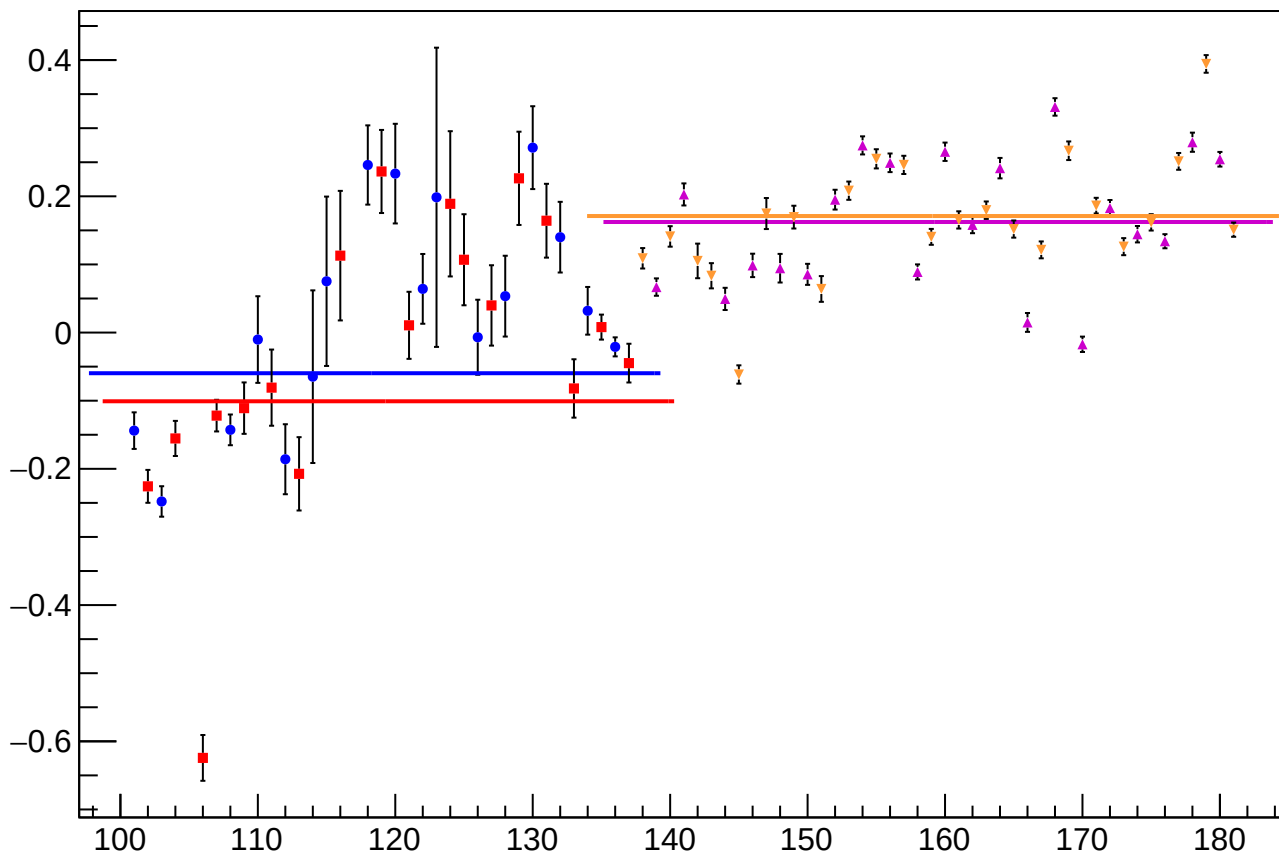
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.380 ± 0.060 χ^2/NDF : 3991.0/37

Out: -8.488 ± 0.059 χ^2/NDF : 3382.8/40

All: -8.436 ± 0.042 χ^2/NDF : 7375.5/78

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: 0.171 ± 0.003 χ^2/NDF : 890.2/22

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 : 1997.3/43

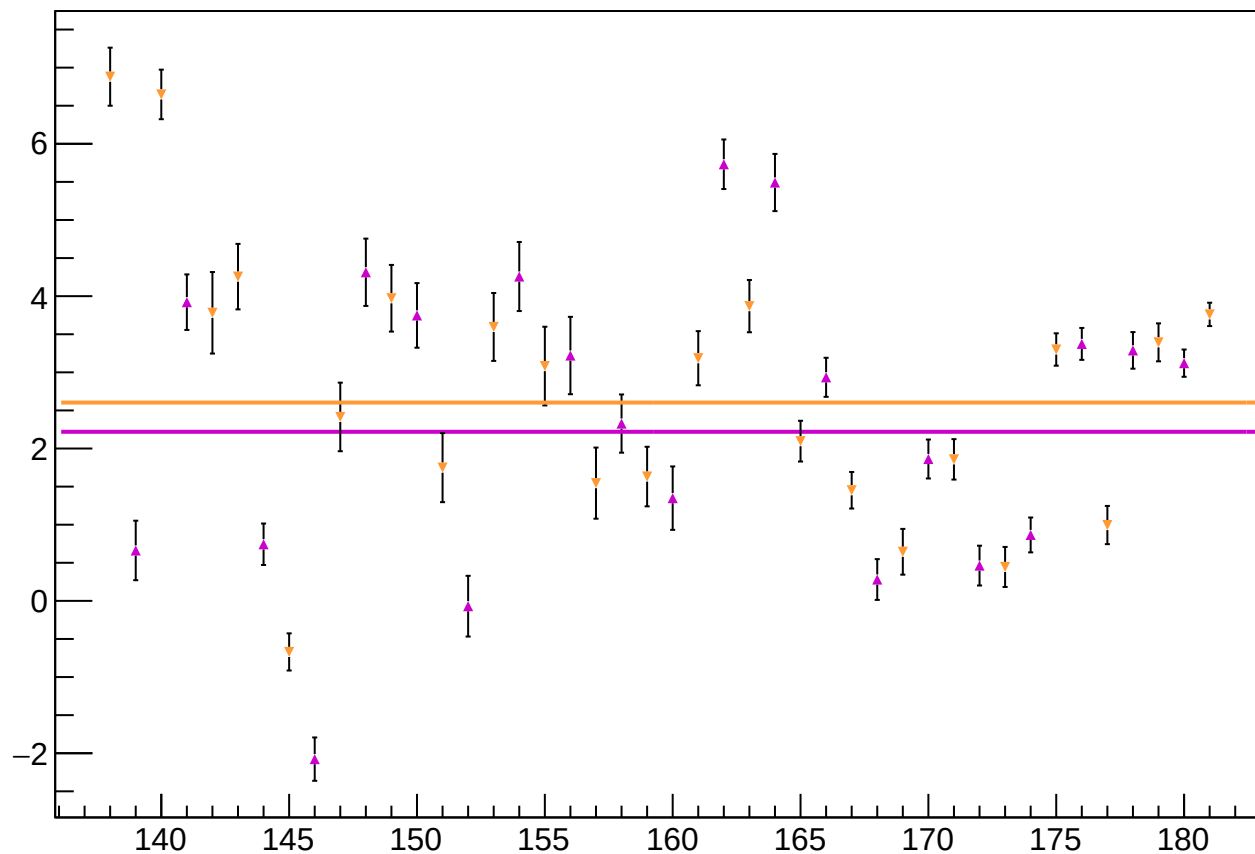
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.139 ± 0.003 χ^2/NDF : 1944.4/37

Out: 0.143 ± 0.003 χ^2/NDF : 2250.3/40

All: 0.141 ± 0.002 χ^2/NDF : 4196.1/78

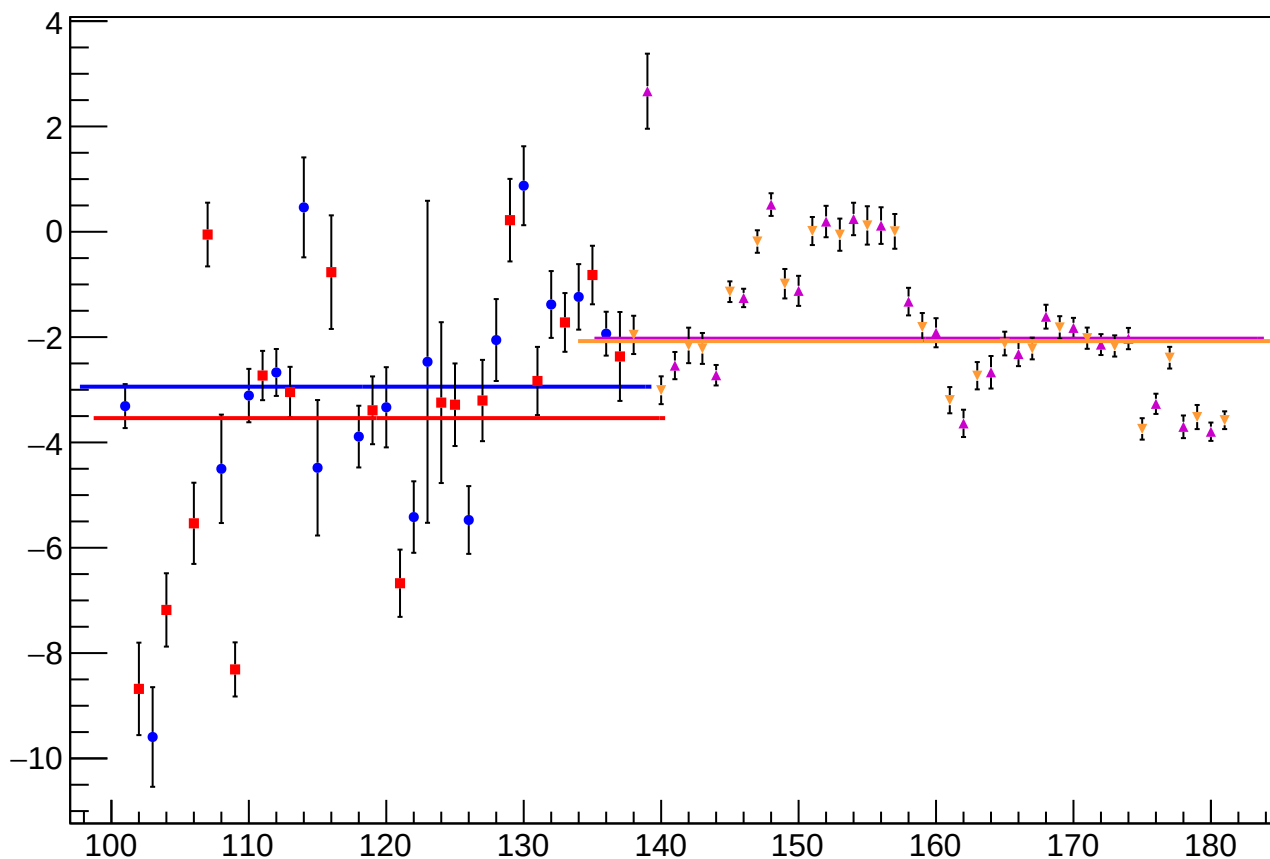
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.603 ± 0.062 χ^2/NDF : 790.7/22
 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: 2.418 ± 0.044 χ^2/NDF : 1611.9/43
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 2.220 ± 0.064 χ^2/NDF : 802.6/20
 Out: 2.603 ± 0.062 χ^2/NDF : 790.7/22
 All: 2.418 ± 0.044 χ^2/NDF : 1611.9/43

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.076 ± 0.050 χ^2/NDF : 529.0/22

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -2.030 ± 0.051 χ^2/NDF : 639.5/20

Left: -2.053 ± 0.035 χ^2/NDF : 1168.9/43

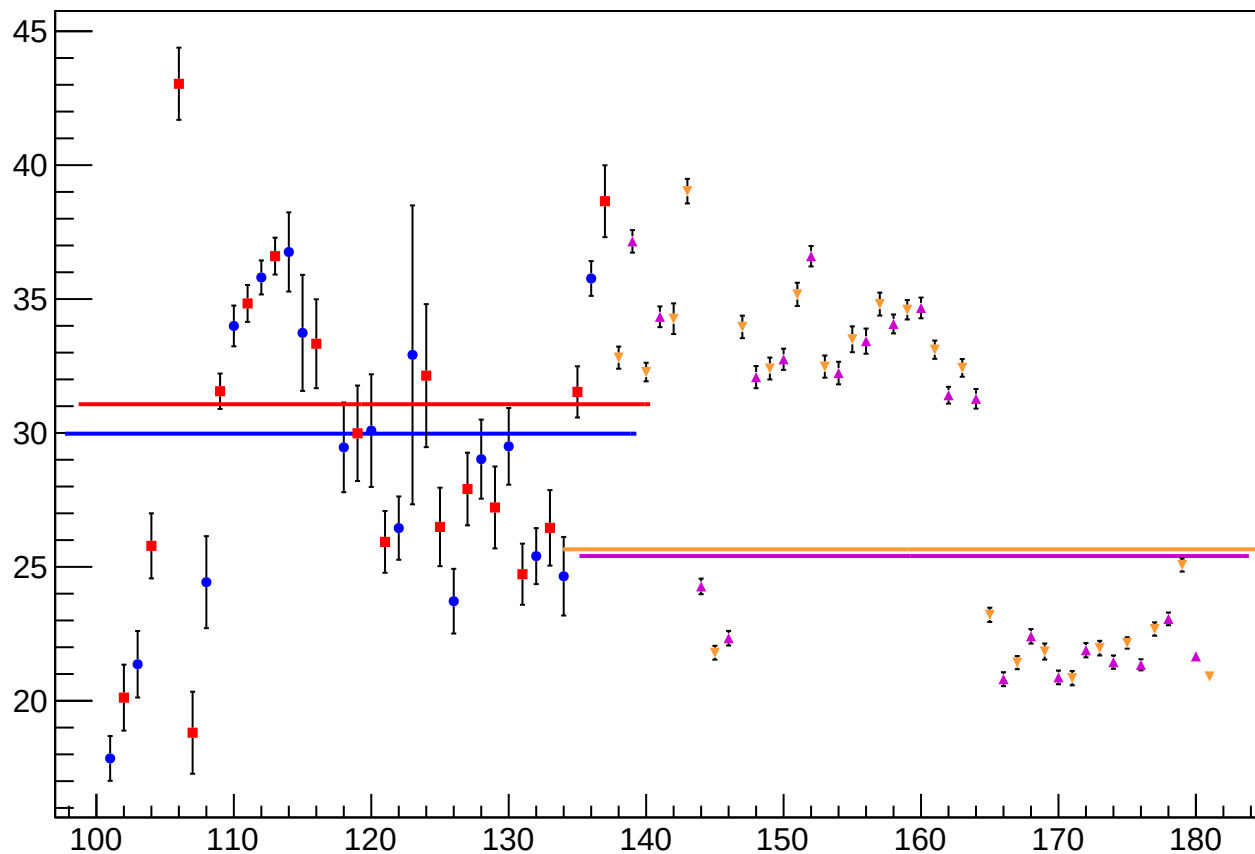
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -2.118 ± 0.048 χ^2/NDF : 816.6/37

Out: -2.212 ± 0.047 χ^2/NDF : 893.6/40

All: -2.166 ± 0.034 χ^2/NDF : 1712.2/78

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.655 $\pm$ 0.062 χ^2 /NDF: 7959.1/22

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 25.404 $\pm$ 0.064 χ^2 /NDF: 7364.3/20

Left: 25.533 $\pm$ 0.045 χ^2 /NDF: 15331.3/43

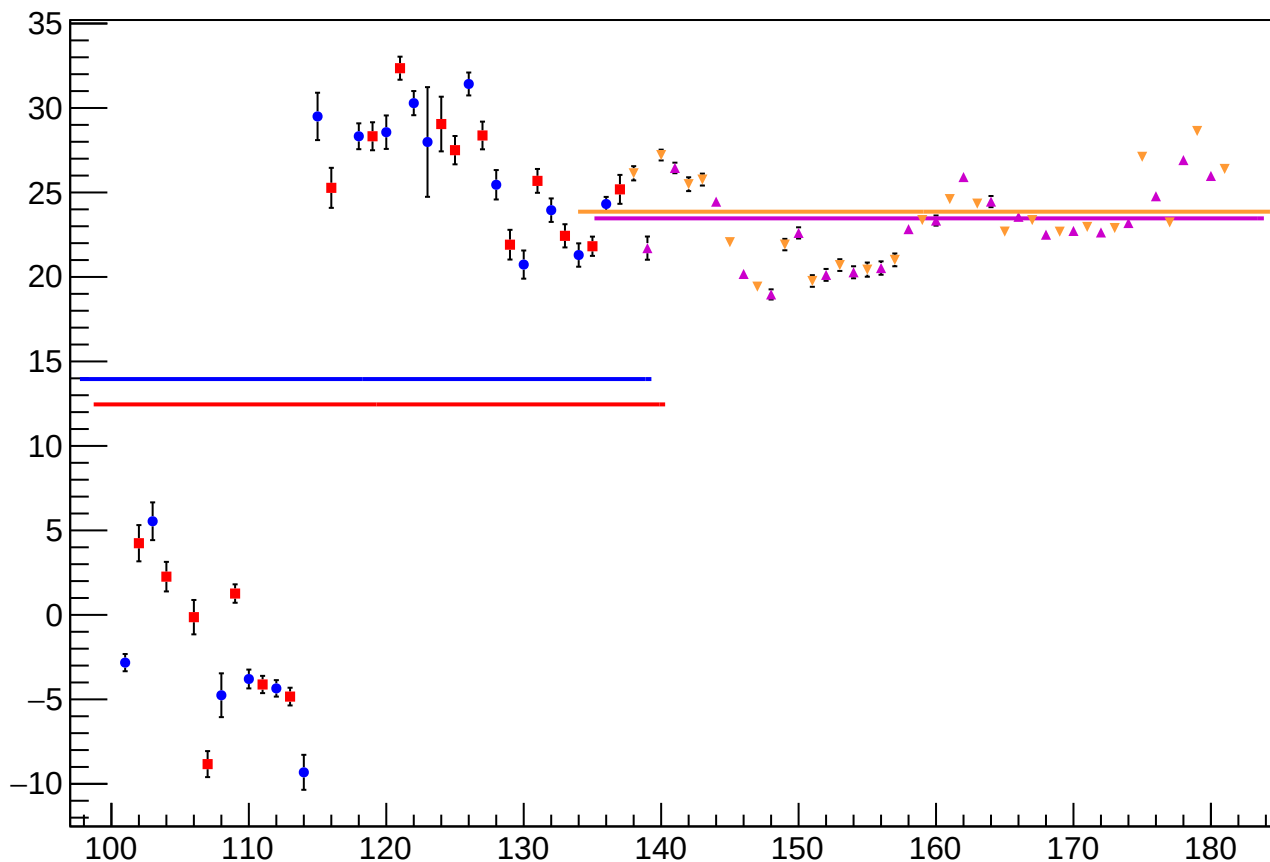
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 25.651 $\pm$ 0.062 χ^2 /NDF: 8194.9/37

Out: 25.948 $\pm$ 0.061 χ^2 /NDF: 8821.7/40

All: 25.803 $\pm$ 0.043 χ^2 /NDF: 17028.3/78

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 ± 0.172 χ^2/NDF : 7348.7/16

Left Out: 23.863 ± 0.056 χ^2/NDF : 1757.0/22

Right Out: 12.457 ± 0.174 χ^2/NDF : 6979.9/17

Left In: 23.467 ± 0.057 χ^2/NDF : 1390.4/20

Left: 23.669 ± 0.040 χ^2/NDF : 3172.2/43

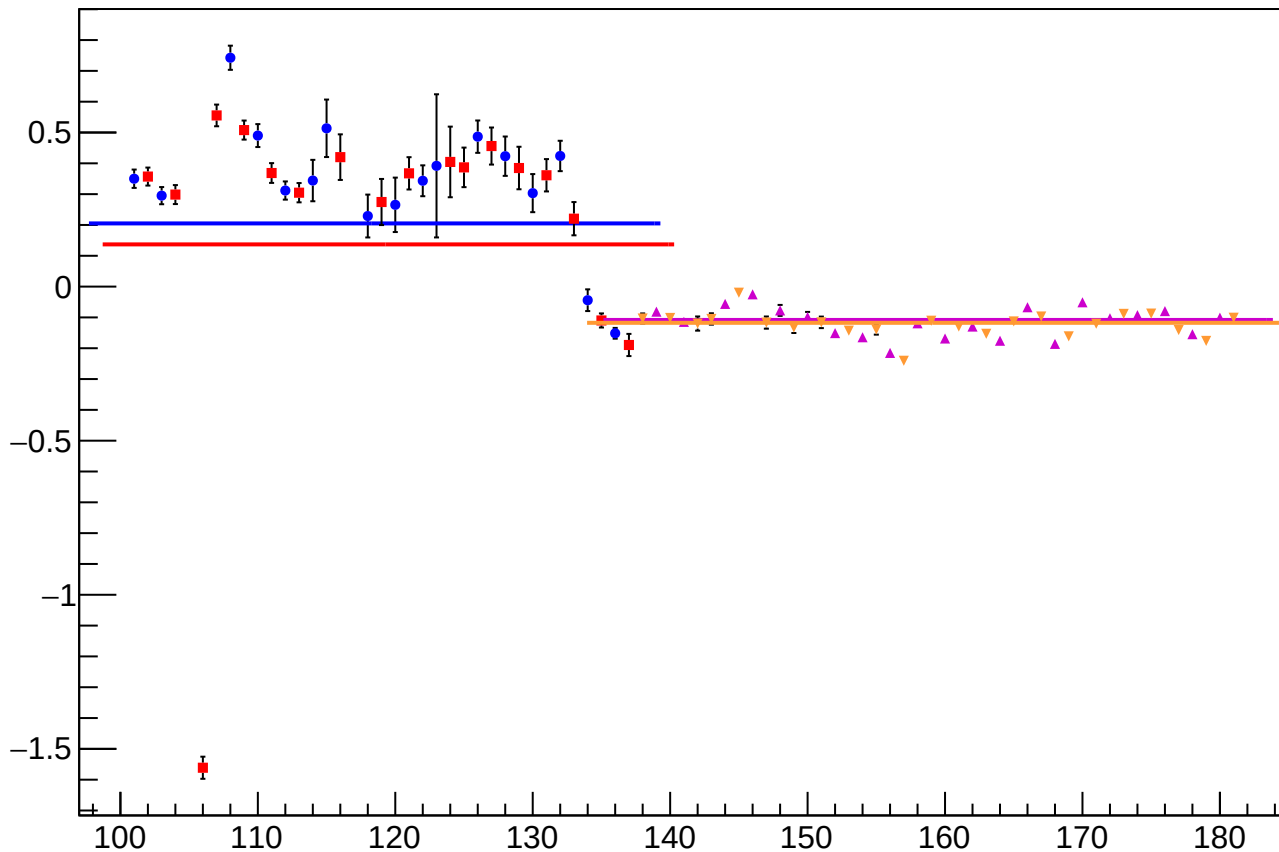
Right: 13.213 ± 0.122 χ^2/NDF : 14366.2/34

In: 22.537 ± 0.054 χ^2/NDF : 11487.4/37

Out: 22.802 ± 0.053 χ^2/NDF : 12645.9/40

All: 22.672 ± 0.038 χ^2/NDF : 24145.7/78

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.118 ± 0.003 χ^2/NDF : 254.4/22

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.108 ± 0.003 χ^2/NDF : 318.2/20

Left: -0.113 ± 0.002 χ^2/NDF : 579.1/43

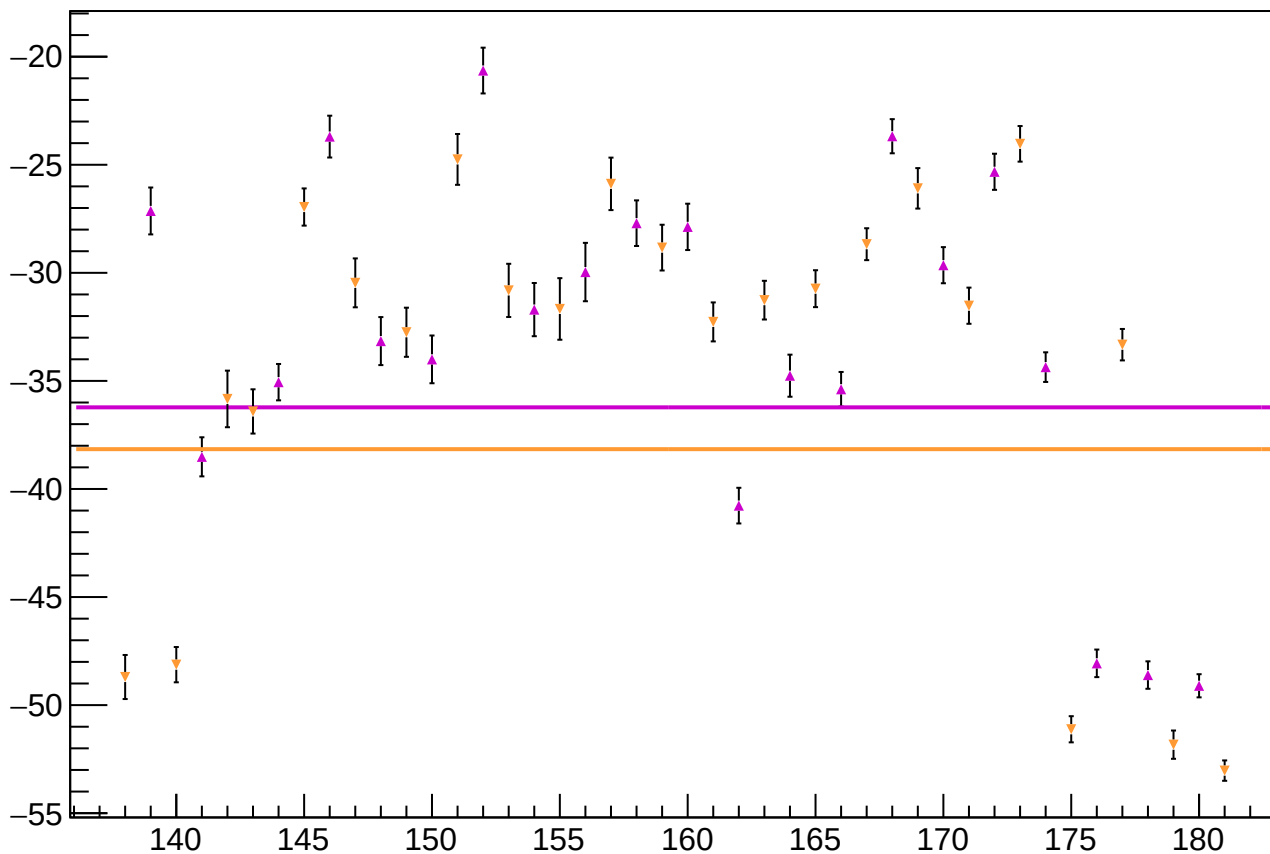
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.086 ± 0.002 χ^2/NDF : 2202.9/37

Out: -0.099 ± 0.002 χ^2/NDF : 3970.2/40

All: -0.093 ± 0.002 χ^2/NDF : 6187.5/78

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: -38.158+/-0.178 χ^2/NDF :3667.3/22
 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: -37.229+/-0.128 χ^2/NDF : 6188.2/43

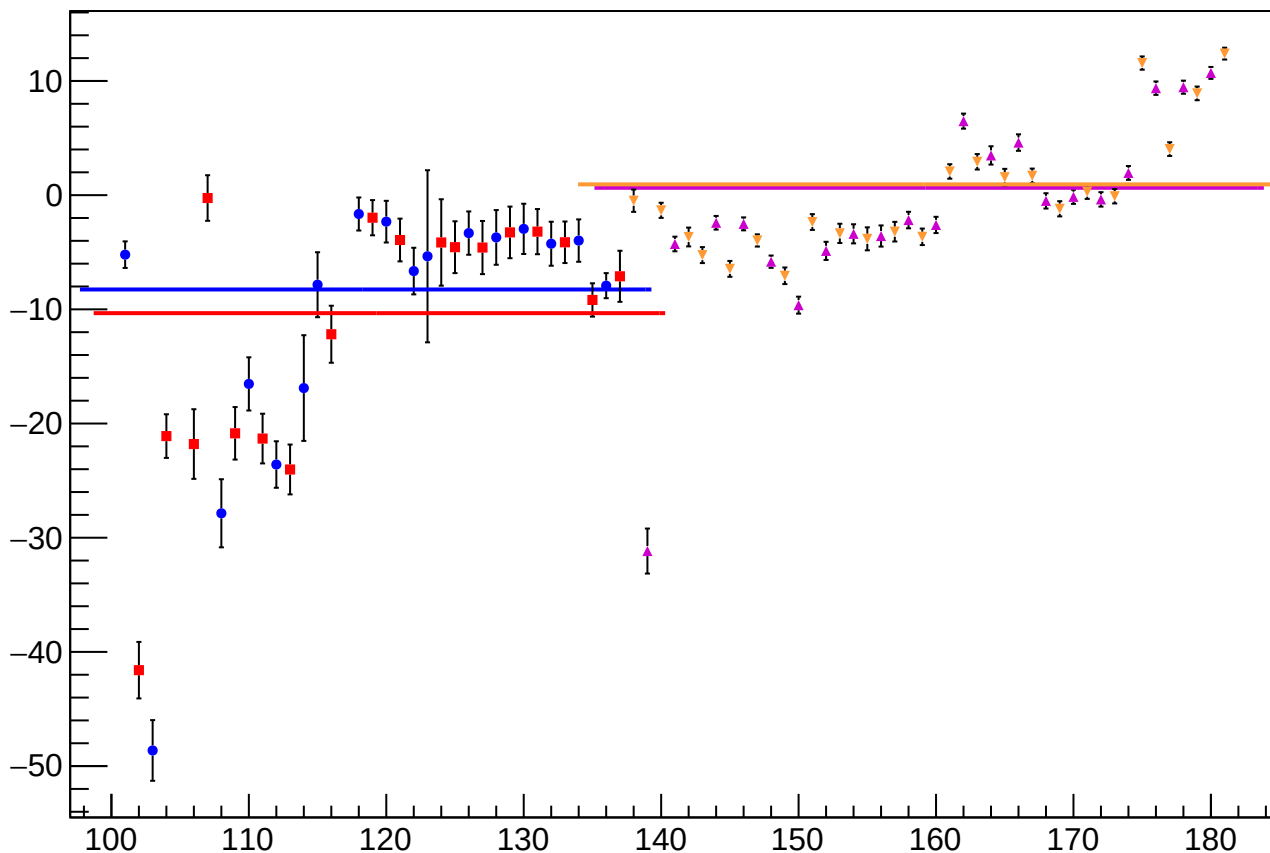
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.223+/-0.185 χ^2/NDF :2464.2/20

Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

All: -37.229+/-0.128 χ^2/NDF : 6188.2/43

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: 0.944 ± 0.141 $\chi^2/\text{NDF}: 1626.3/22$

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: 0.800 ± 0.101 $\chi^2/\text{NDF}: 3427.2/43$

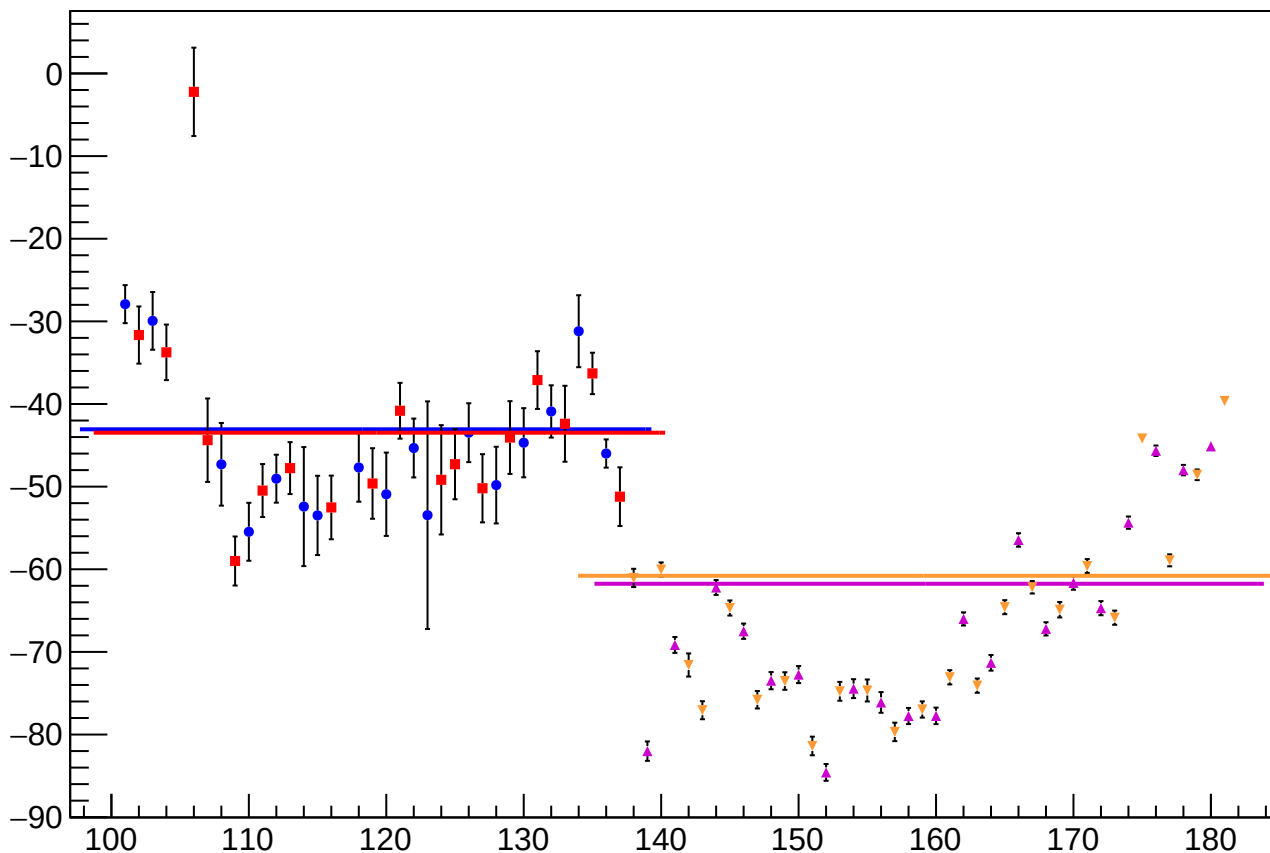
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -0.156 ± 0.139 $\chi^2/\text{NDF}: 2547.9/37$

Out: 0.089 ± 0.135 $\chi^2/\text{NDF}: 2524.5/40$

All: -0.030 ± 0.097 $\chi^2/\text{NDF}: 5074.0/78$

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: -60.786 ± 0.179 $\chi^2/\text{NDF}: 5299.2/22$

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: -61.255 ± 0.128 $\chi^2/\text{NDF}: 9668.3/43$

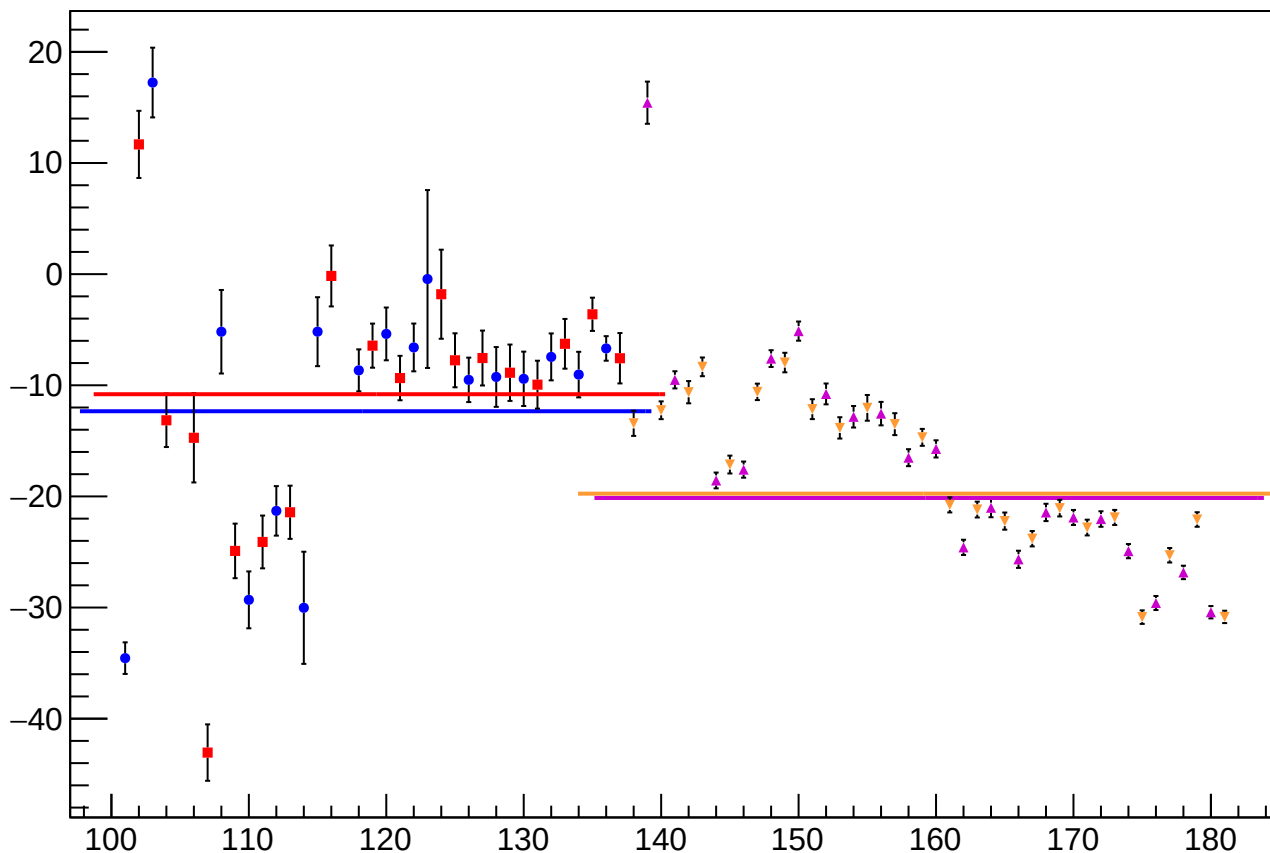
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -60.886 ± 0.180 $\chi^2/\text{NDF}: 4931.3/37$

Out: -60.084 ± 0.175 $\chi^2/\text{NDF}: 5822.6/40$

All: -60.474 ± 0.125 $\chi^2/\text{NDF}: 10764.1/78$

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: -19.751 ± 0.159 χ^2/NDF : 1864.8/22

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: -19.940 ± 0.114 χ^2/NDF : 4120.5/43

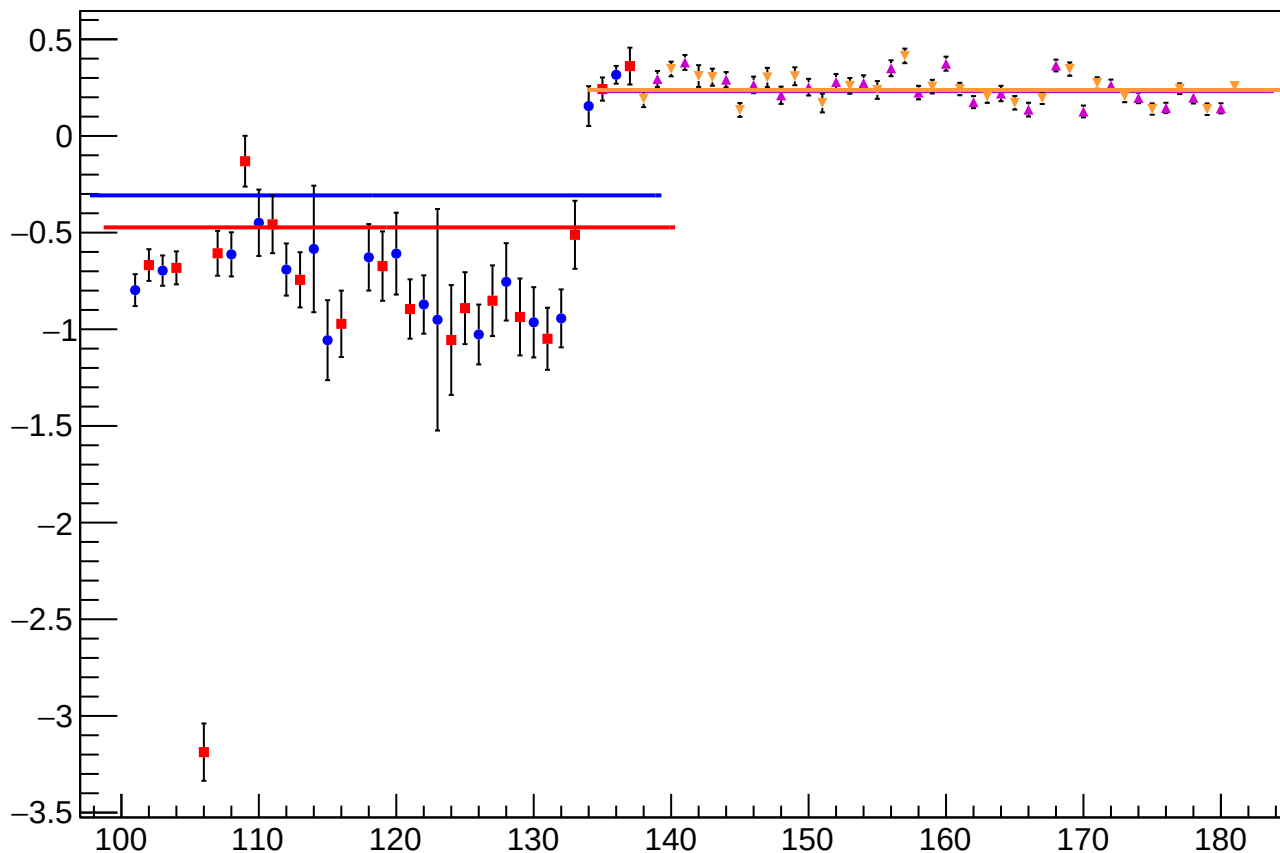
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -19.438 ± 0.156 χ^2/NDF : 2932.6/37

Out: -19.072 ± 0.153 χ^2/NDF : 2467.5/40

All: -19.251 ± 0.109 χ^2/NDF : 5402.9/78

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: 0.238 ± 0.007 χ^2/NDF : 91.6/22

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: 0.235 ± 0.005 χ^2/NDF : 205.3/43

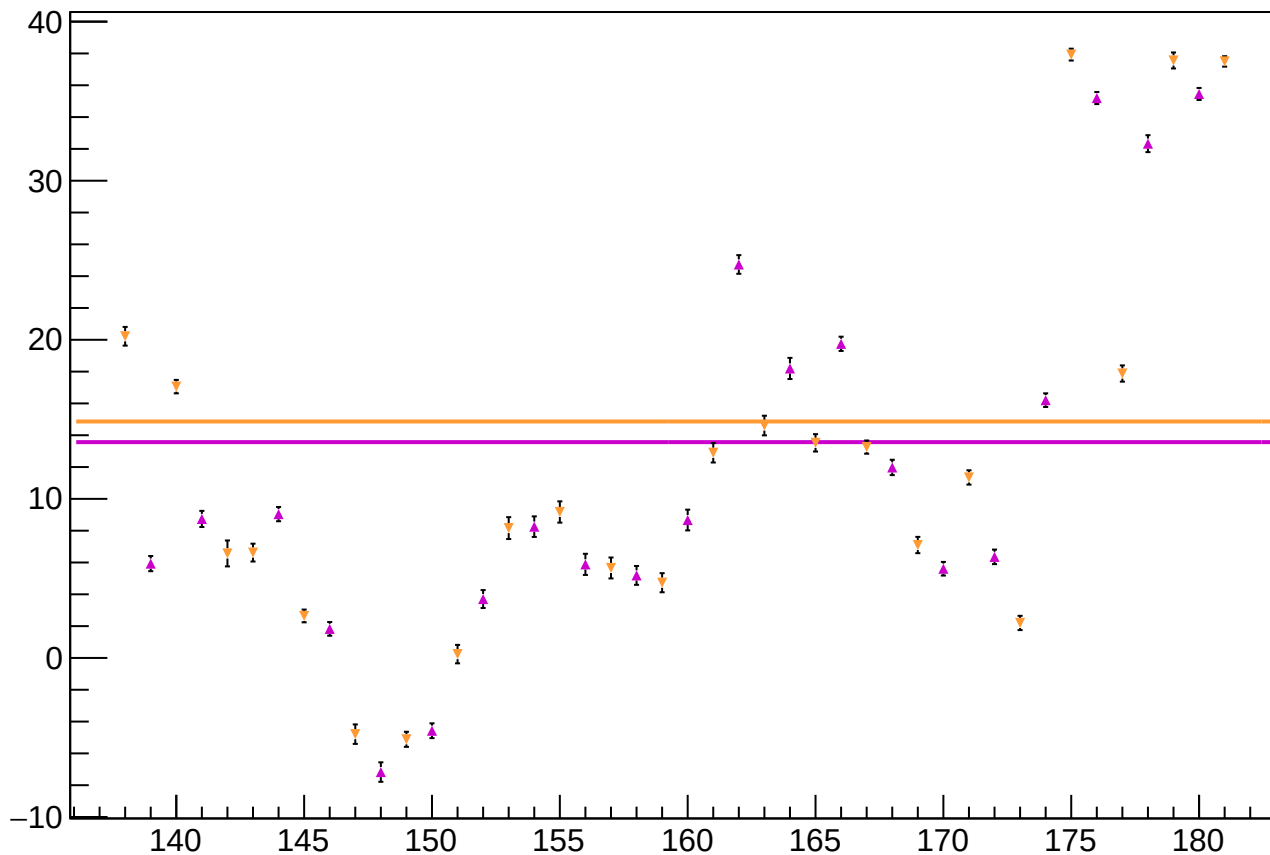
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.195 ± 0.007 χ^2/NDF : 842.8/37

Out: 0.194 ± 0.007 χ^2/NDF : 1296.7/40

All: 0.194 ± 0.005 χ^2/NDF : 2139.5/78

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: 14.865 $\pm$ 0.105 χ^2 /NDF:17233.9/22

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: 14.234 $\pm$ 0.075 χ^2 /NDF: 31020.2/43

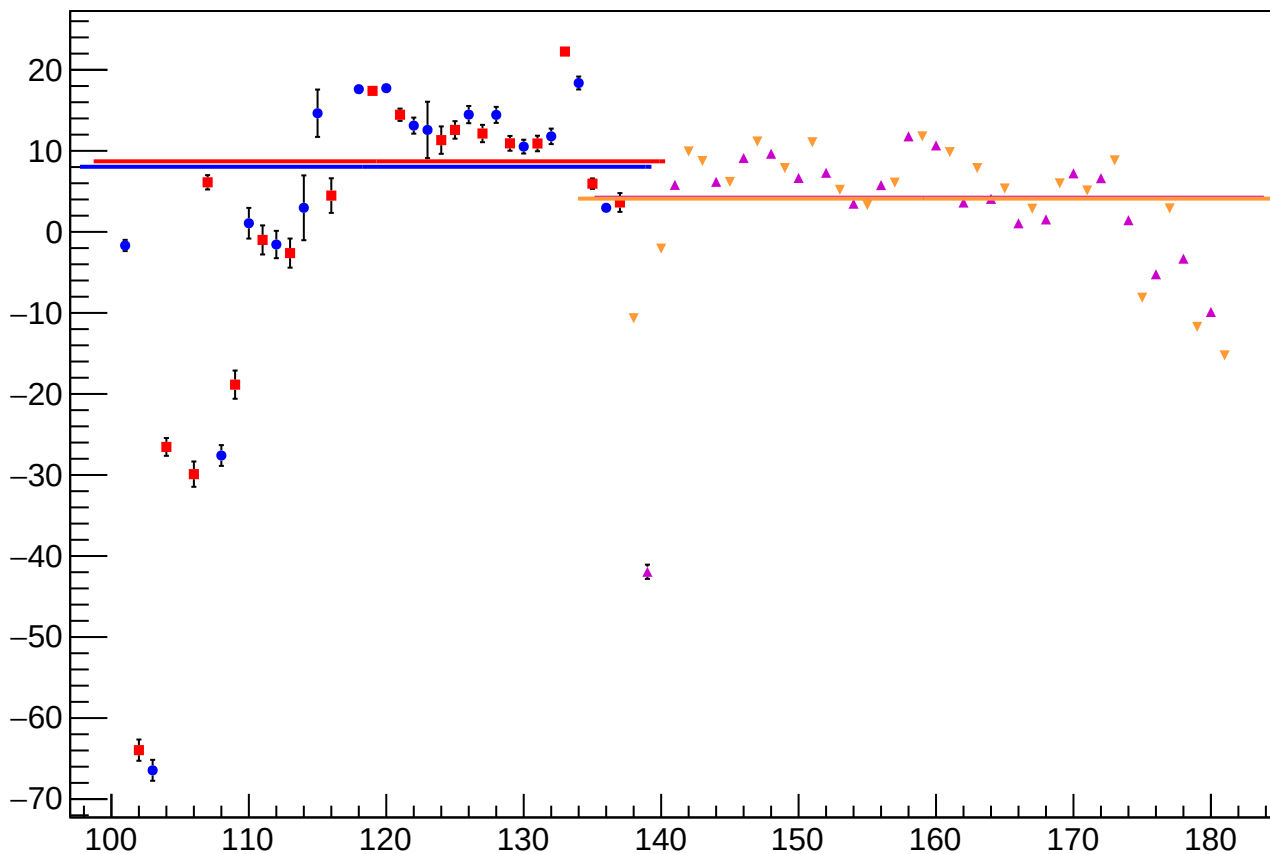
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.566 $\pm$ 0.108 χ^2 /NDF:13711.3/20

Out: 14.865 $\pm$ 0.105 χ^2 /NDF:17233.9/22

All: 14.234 $\pm$ 0.075 χ^2 /NDF: 31020.2/43

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: 4.106 ± 0.081 $\chi^2/\text{NDF}: 8419.0/22$

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: 4.160 ± 0.058 $\chi^2/\text{NDF}: 15262.4/43$

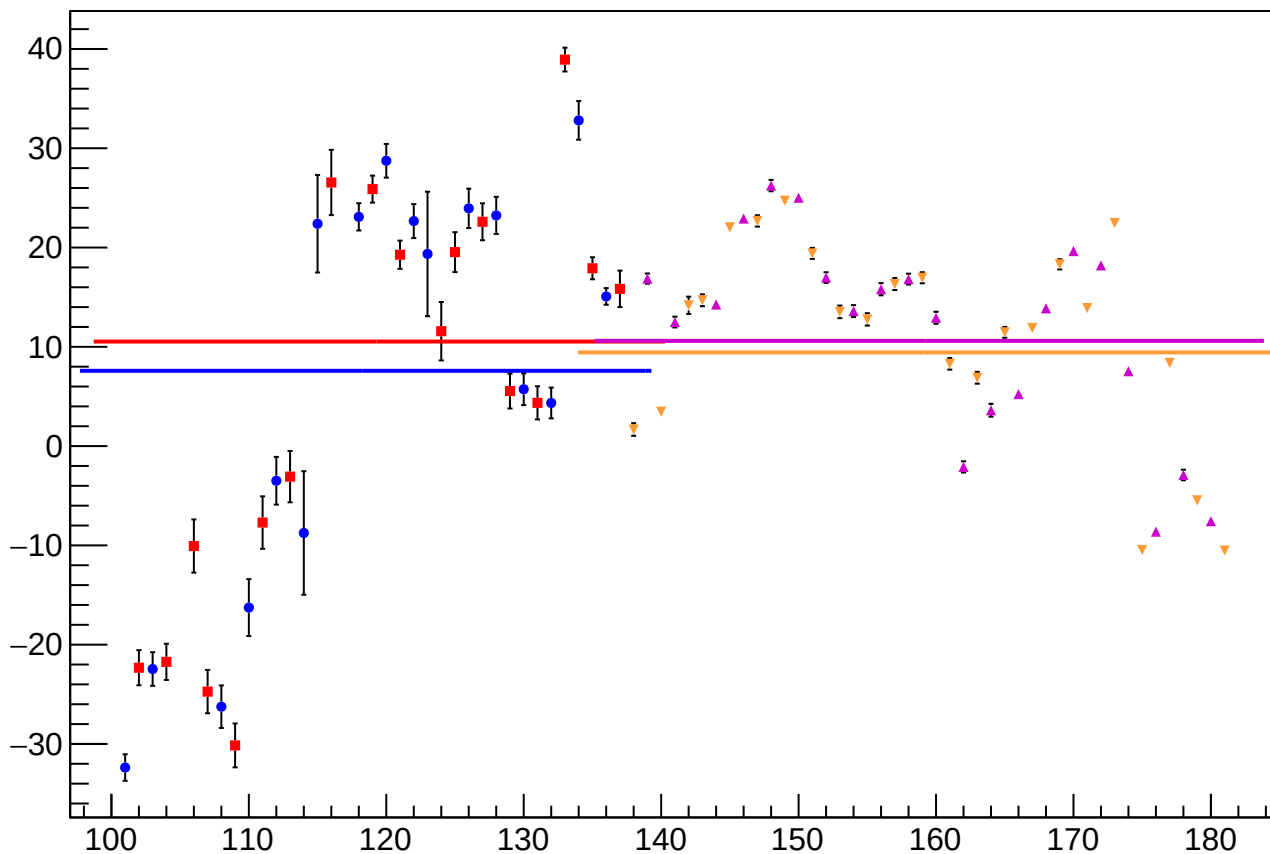
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 4.717 ± 0.078 $\chi^2/\text{NDF}: 12485.9/37$

Out: 4.684 ± 0.076 $\chi^2/\text{NDF}: 15116.8/40$

All: 4.700 ± 0.054 $\chi^2/\text{NDF}: 27602.8/78$

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: 9.437 $\pm$ 0.105 χ^2 /NDF:12180.8/22

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: 10.007 $\pm$ 0.075 χ^2 /NDF: 22725.7/43

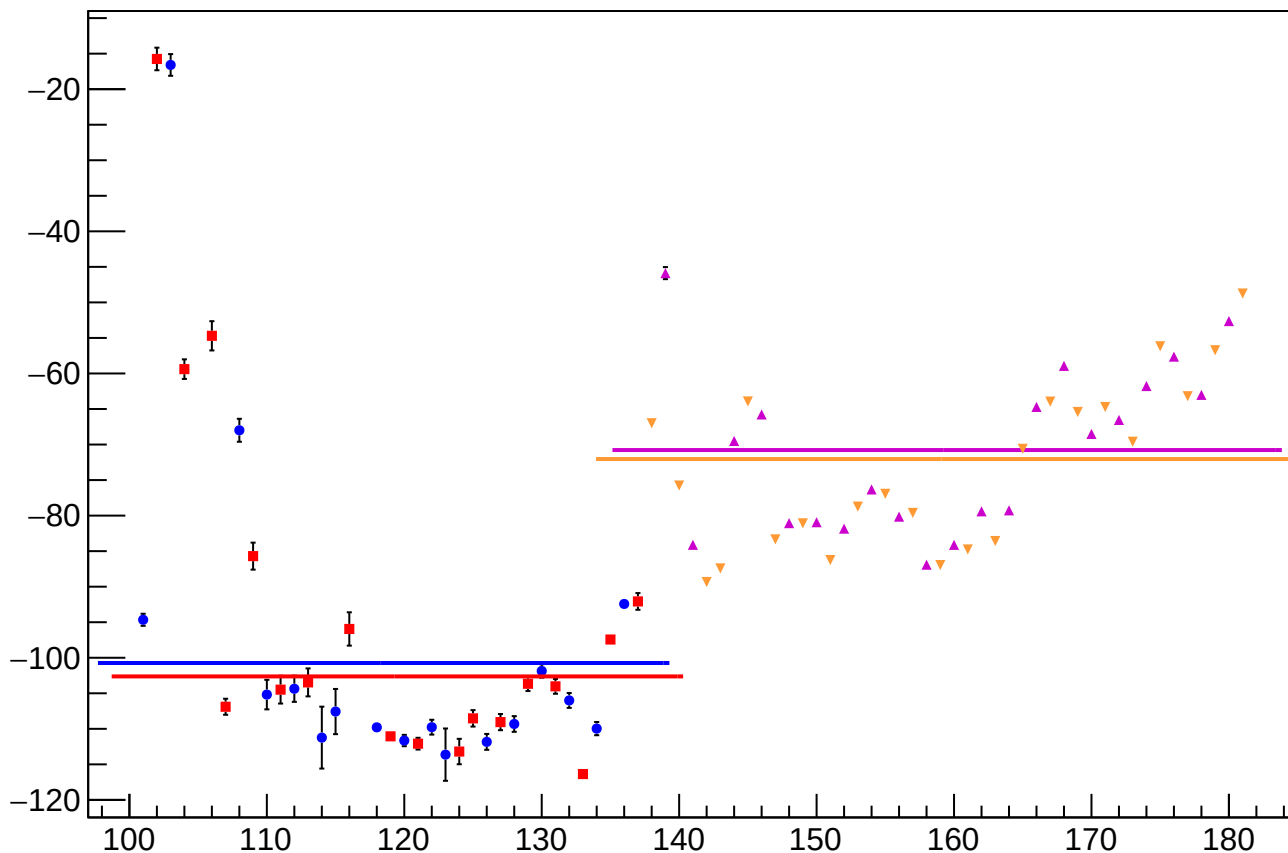
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 10.416 $\pm$ 0.104 χ^2 /NDF:12856.2/37

Out: 9.501 $\pm$ 0.102 χ^2 /NDF:14466.8/40

All: 9.950 $\pm$ 0.073 χ^2 /NDF: 27362.7/78

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -71.424+/-0.066 χ^2/NDF : 27811.3/43

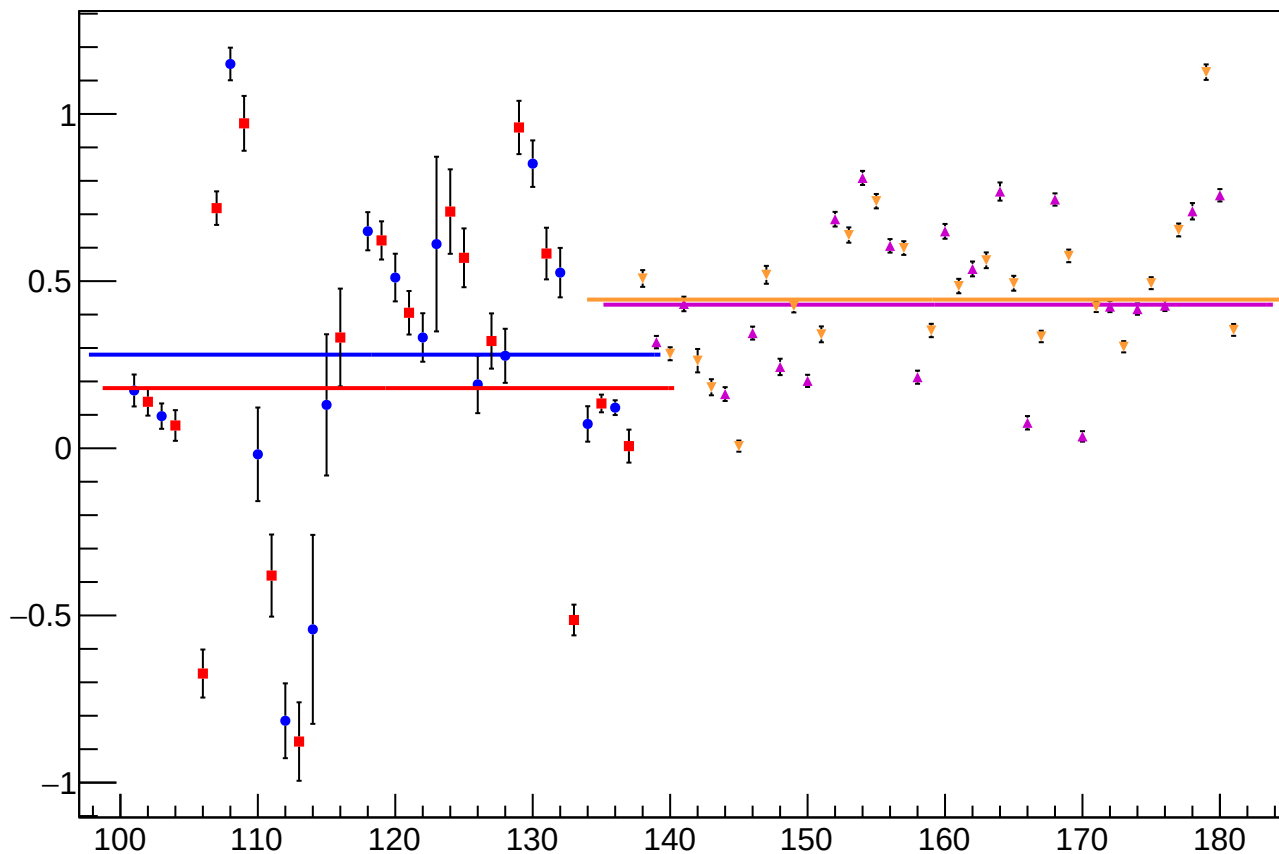
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -74.565+/-0.088 χ^2/NDF : 29331.5/37

Out: -75.783+/-0.086 χ^2/NDF : 34897.0/40

All: -75.189+/-0.062 χ^2/NDF : 64325.9/78

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.445 $\pm$ 0.004 χ^2 /NDF:2484.6/22

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.430 $\pm$ 0.004 χ^2 /NDF:3050.1/20

Left: 0.437 $\pm$ 0.003 χ^2 /NDF: 5541.1/43

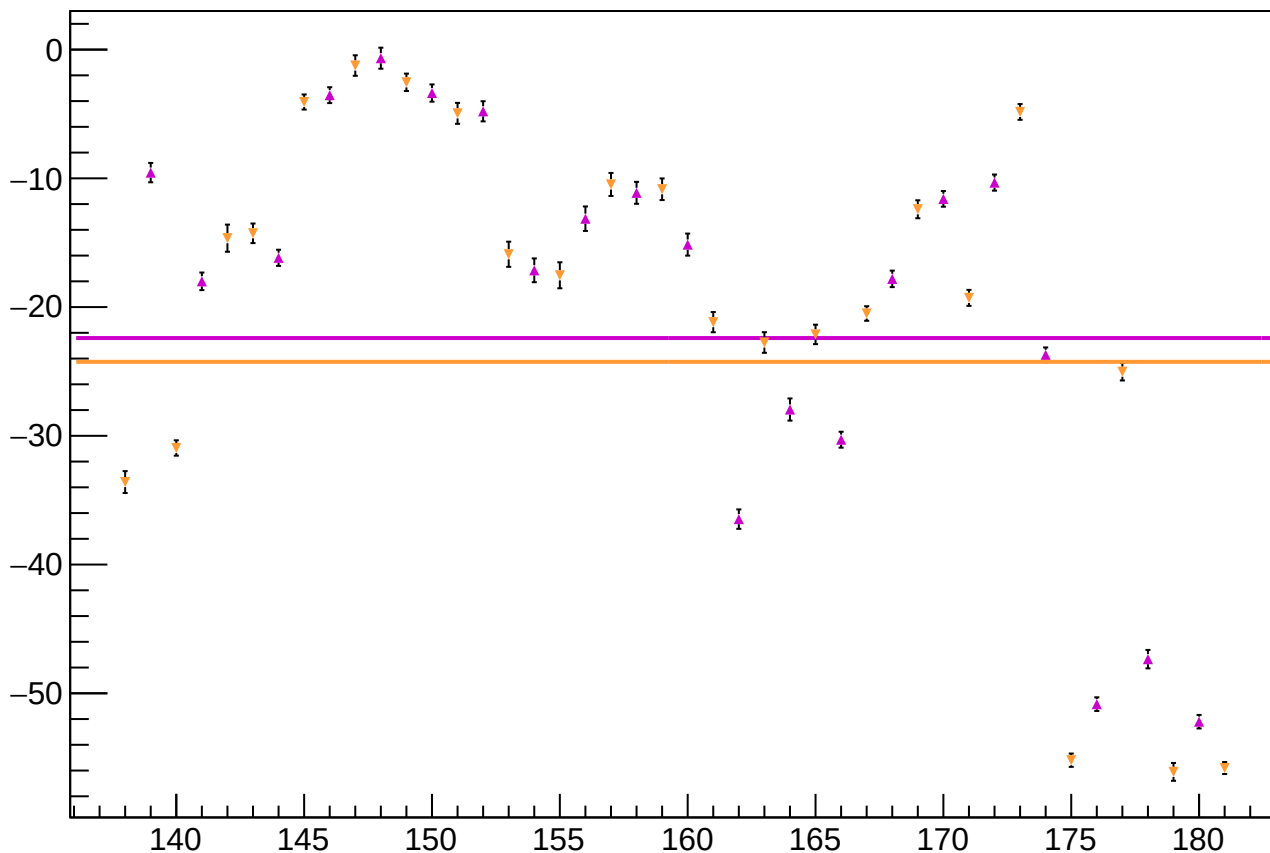
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.416 $\pm$ 0.004 χ^2 /NDF:3818.3/37

Out: 0.421 $\pm$ 0.004 χ^2 /NDF:3772.8/40

All: 0.418 $\pm$ 0.003 χ^2 /NDF: 7591.8/78

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: -24.253+/-0.145 χ^2/NDF :16432.5/22

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: -23.356+/-0.104 χ^2/NDF : 28880.2/43

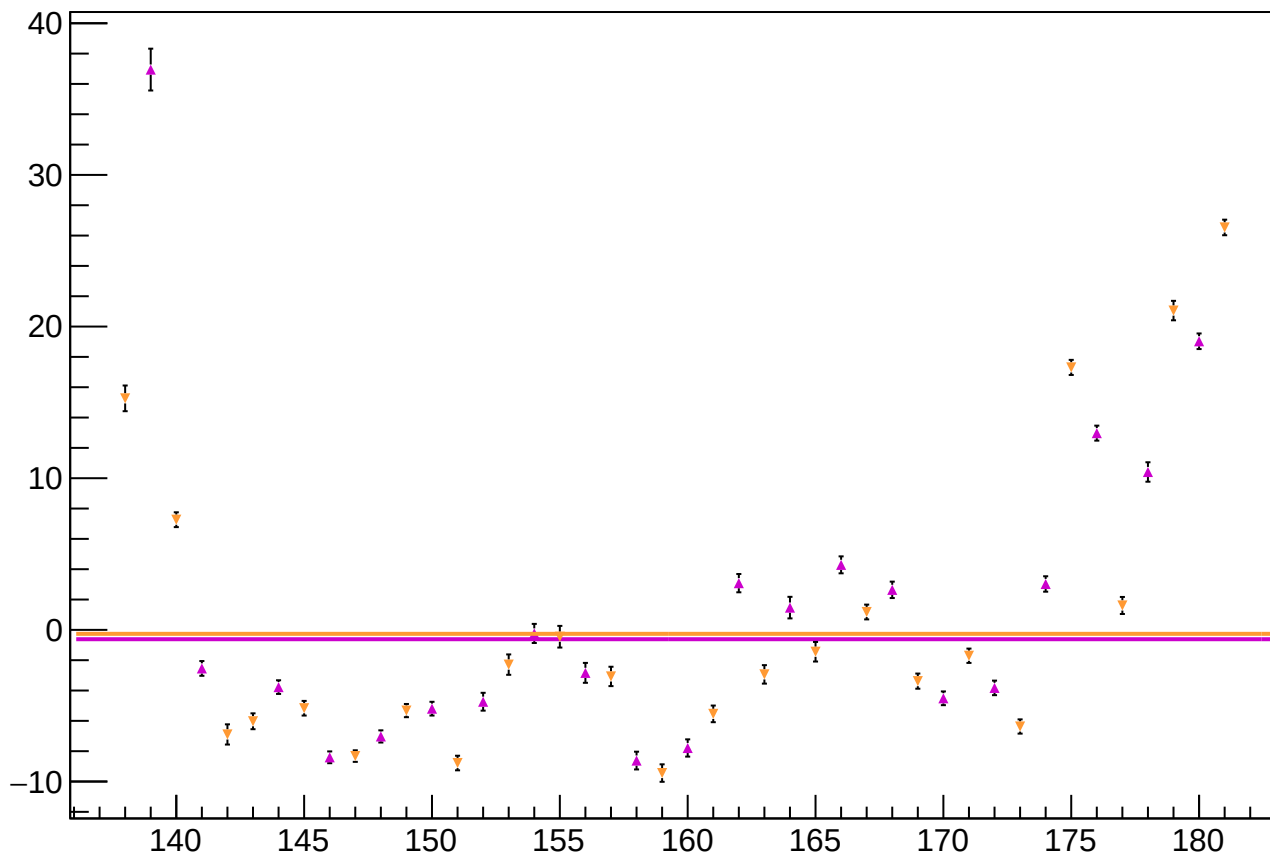
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.405+/-0.149 χ^2/NDF :12368.6/20

Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

All: -23.356+/-0.104 χ^2/NDF : 28880.2/43

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: -0.261+/-0.111 χ^2/NDF : 7499.9/22
 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: -0.433+/-0.080 χ^2/NDF : 12314.2/43

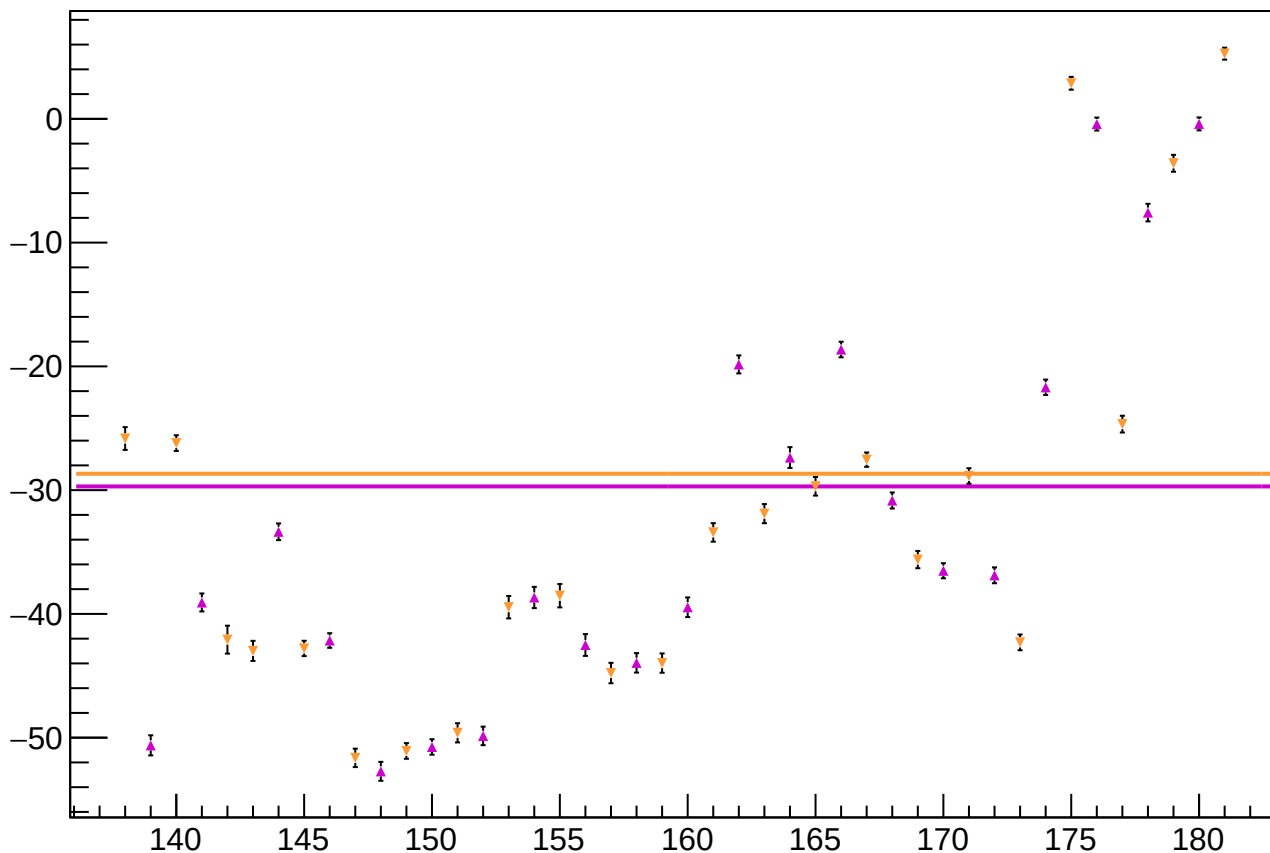
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.617+/-0.115 χ^2/NDF : 4809.4/20

Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22

All: -0.433+/-0.080 χ^2/NDF : 12314.2/43

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: -28.675+/-0.145 χ^2/NDF :15581.4/22

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: -29.176+/-0.104 χ^2/NDF : 28599.7/43

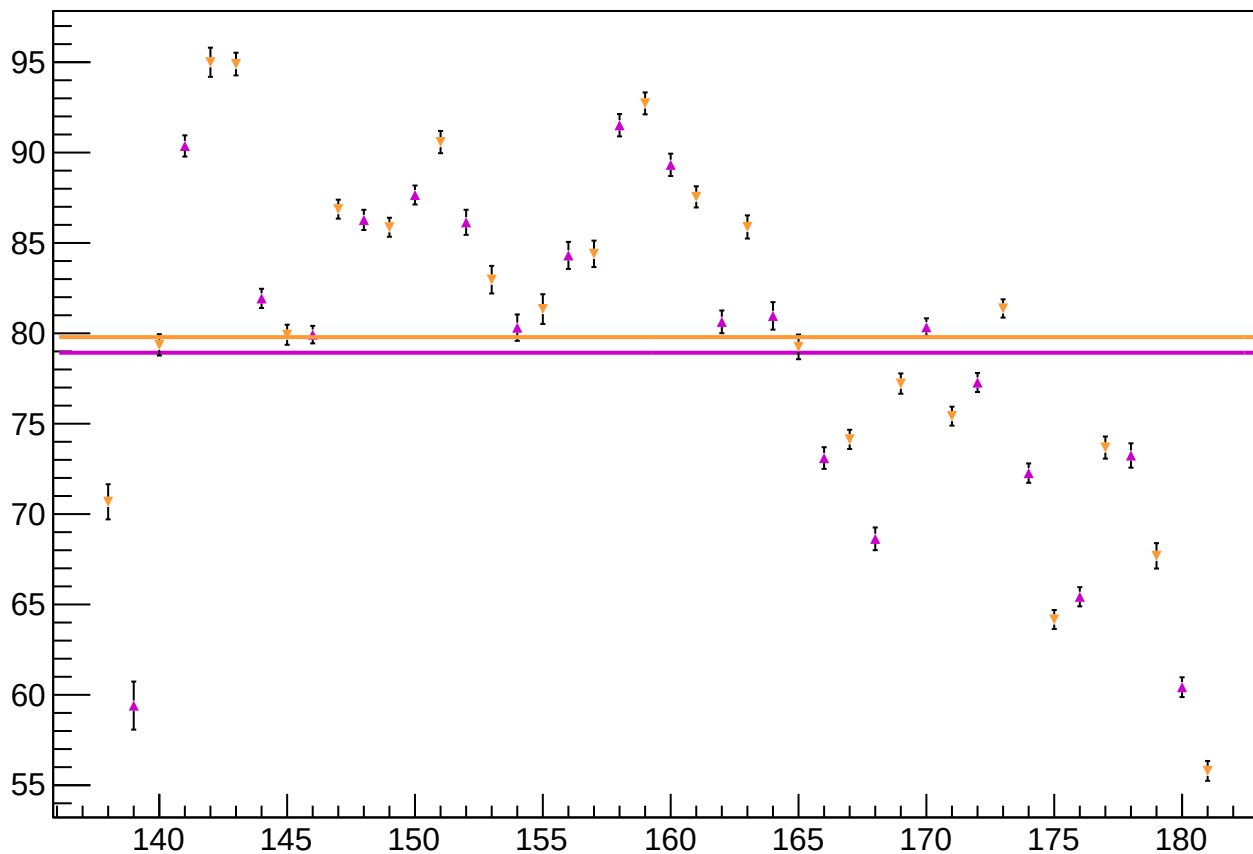
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.699+/-0.148 χ^2/NDF :12993.9/20

Out: -28.675+/-0.145 χ^2/NDF :15581.4/22

All: -29.176+/-0.104 χ^2/NDF : 28599.7/43

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: 79.791 $\pm$ 0.127 χ^2/NDF :5838.6/22
 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: 79.371 $\pm$ 0.091 χ^2/NDF : 10216.9/43

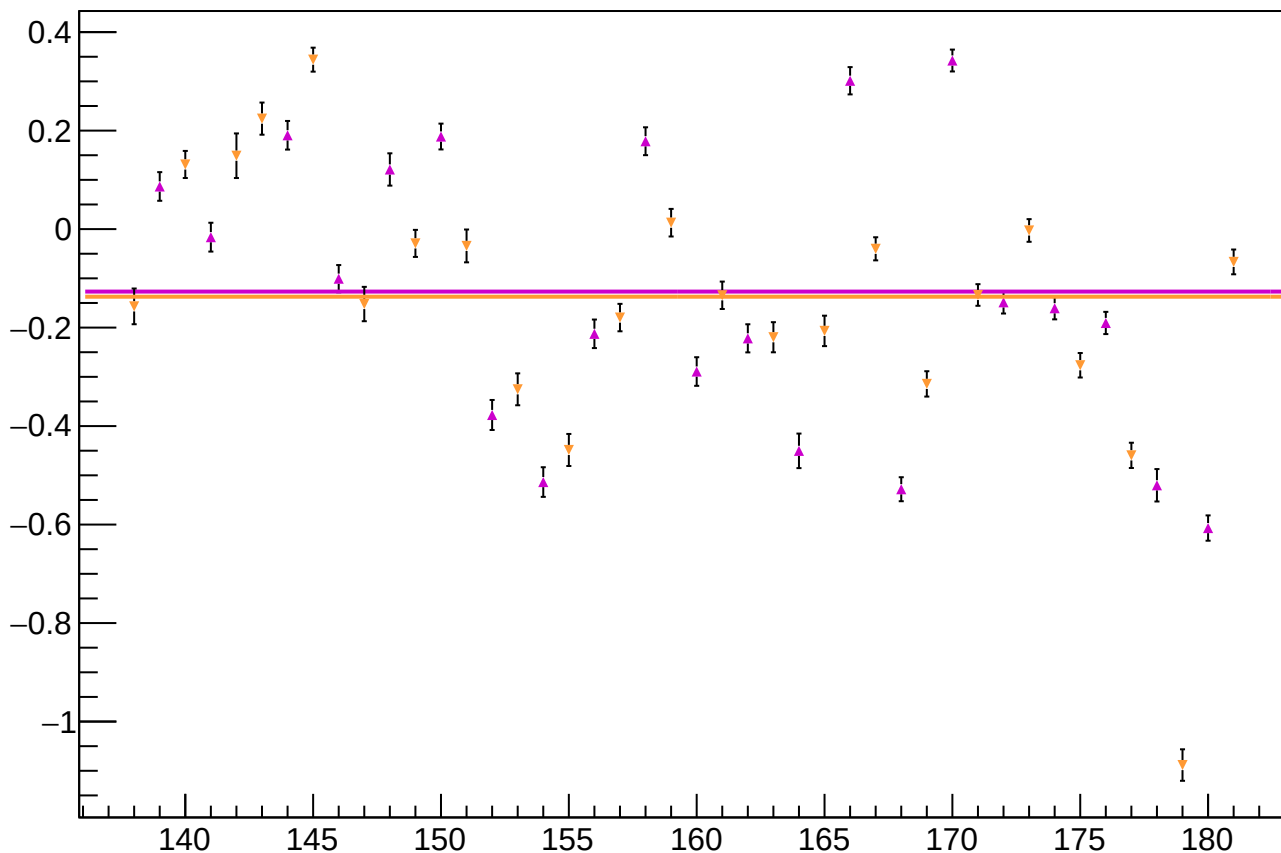
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 78.927 $\pm$ 0.130 χ^2/NDF :4355.7/20

Out: 79.791 $\pm$ 0.127 χ^2/NDF :5838.6/22

All: 79.371 $\pm$ 0.091 χ^2/NDF : 10216.9/43

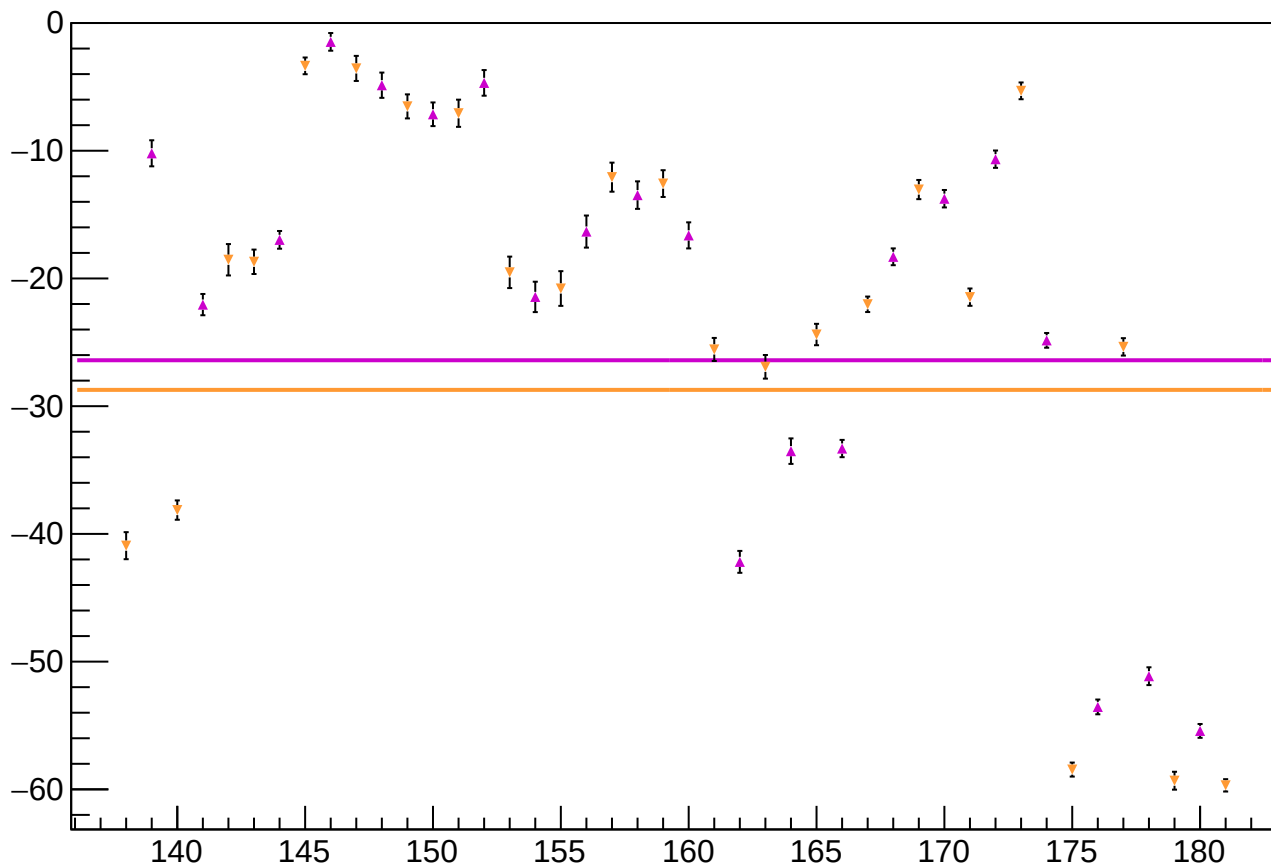
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20

Left: -0.132 $\pm$ 0.004 χ^2 /NDF: 4359.3/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.127 $\pm$ 0.006 χ^2 /NDF:2334.1/20
 Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 All: -0.132 $\pm$ 0.004 χ^2 /NDF: 4359.3/43

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: -28.723+/-0.164 χ^2/NDF :15084.0/22

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: -27.591+/-0.117 χ^2/NDF : 26494.6/43

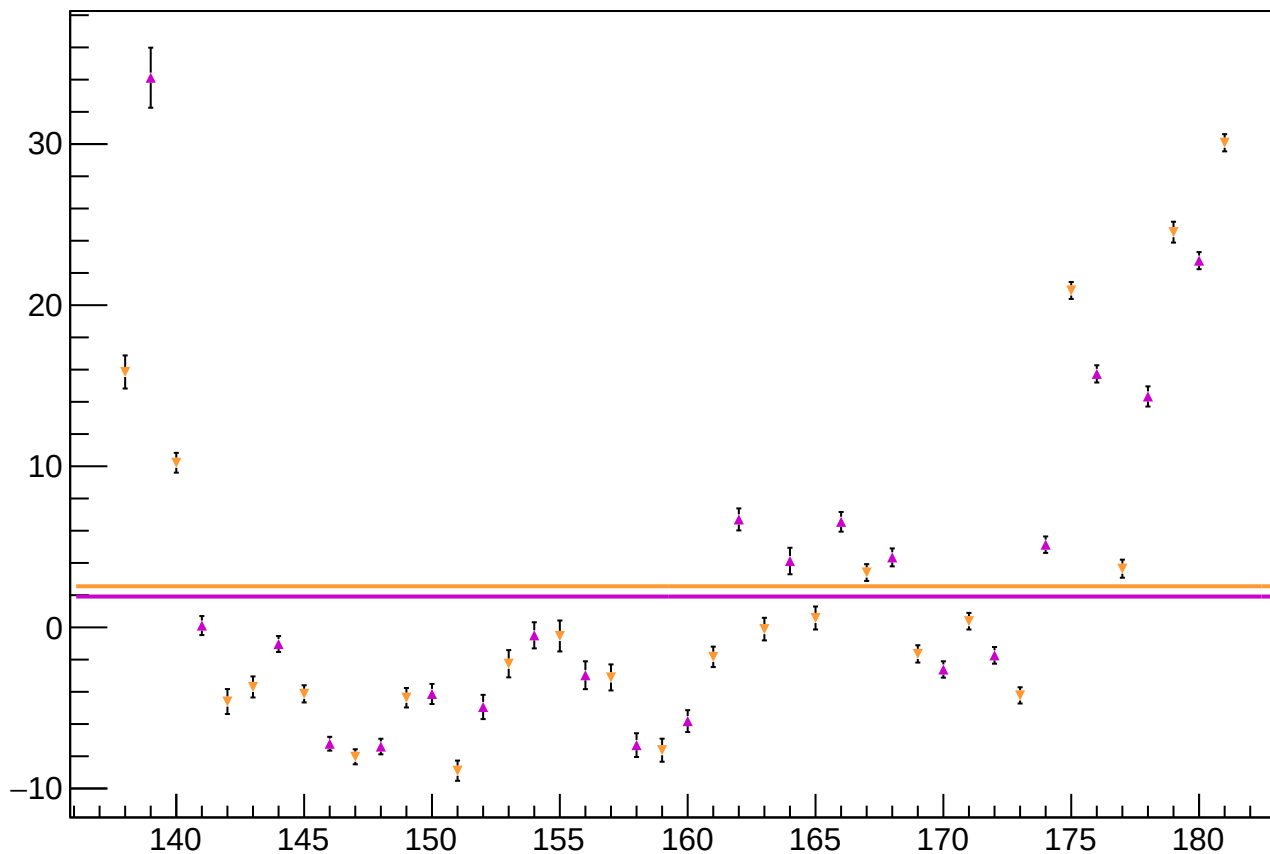
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.404+/-0.168 χ^2/NDF :11312.8/20

Out: -28.723+/-0.164 χ^2/NDF :15084.0/22

All: -27.591+/-0.117 χ^2/NDF : 26494.6/43

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: 2.551+/-0.128 χ^2/NDF : 7296.5/22

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: 2.239+/-0.091 χ^2/NDF : 11889.9/43

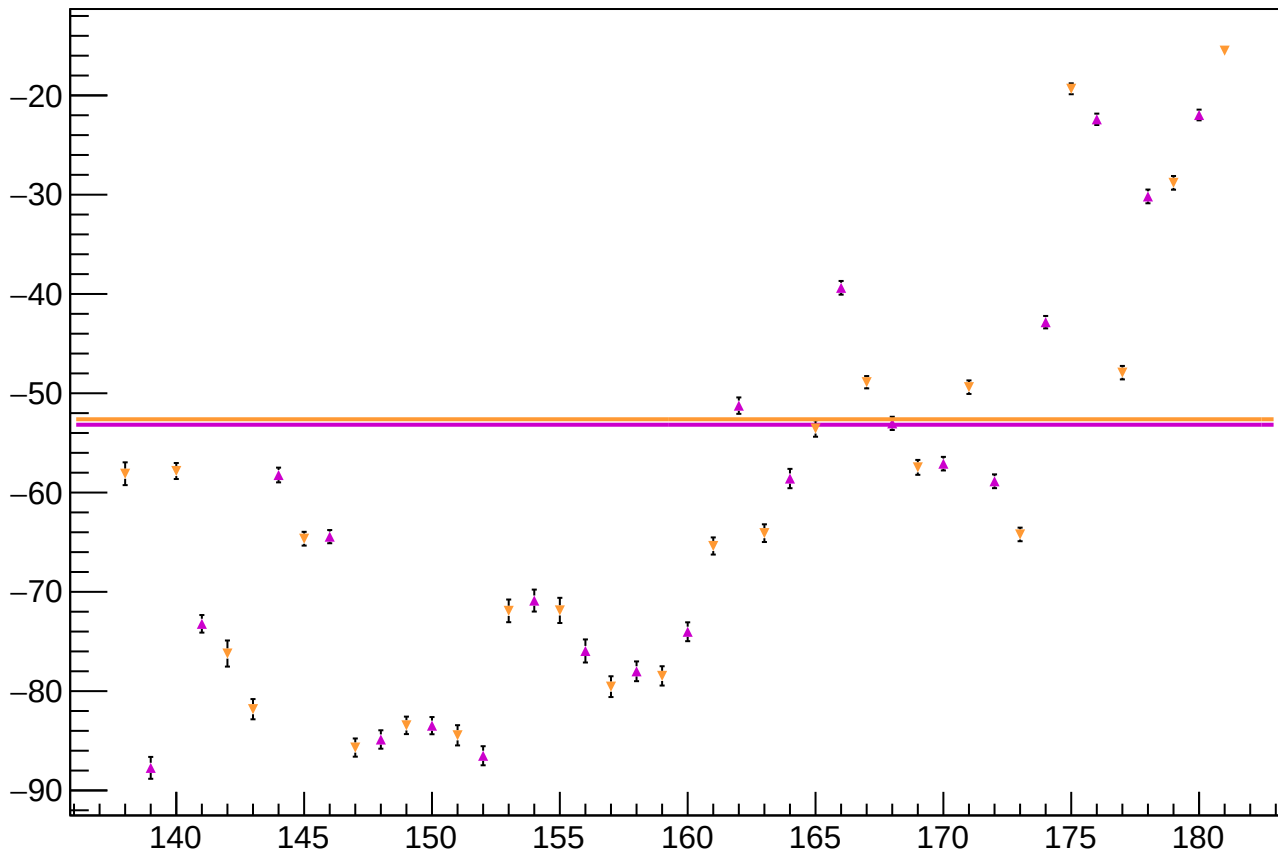
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 1.915+/-0.130 χ^2/NDF : 4581.3/20

Out: 2.551+/-0.128 χ^2/NDF : 7296.5/22

All: 2.239+/-0.091 χ^2/NDF : 11889.9/43

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: -52.618+/-0.165 χ^2/NDF :18019.5/22

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: -52.889+/-0.117 χ^2/NDF : 33337.1/43

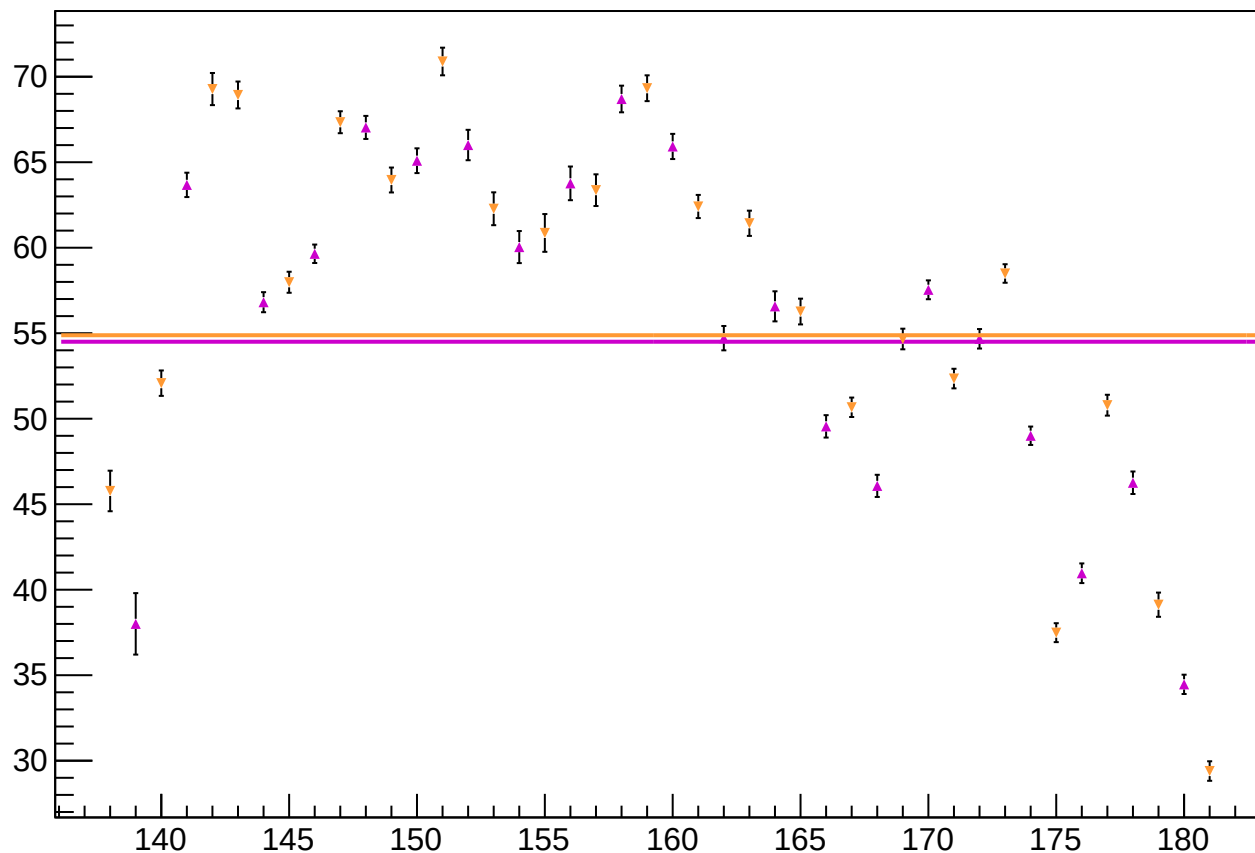
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.169+/-0.168 χ^2/NDF :15312.0/20

Out: -52.618+/-0.165 χ^2/NDF :18019.5/22

All: -52.889+/-0.117 χ^2/NDF : 33337.1/43

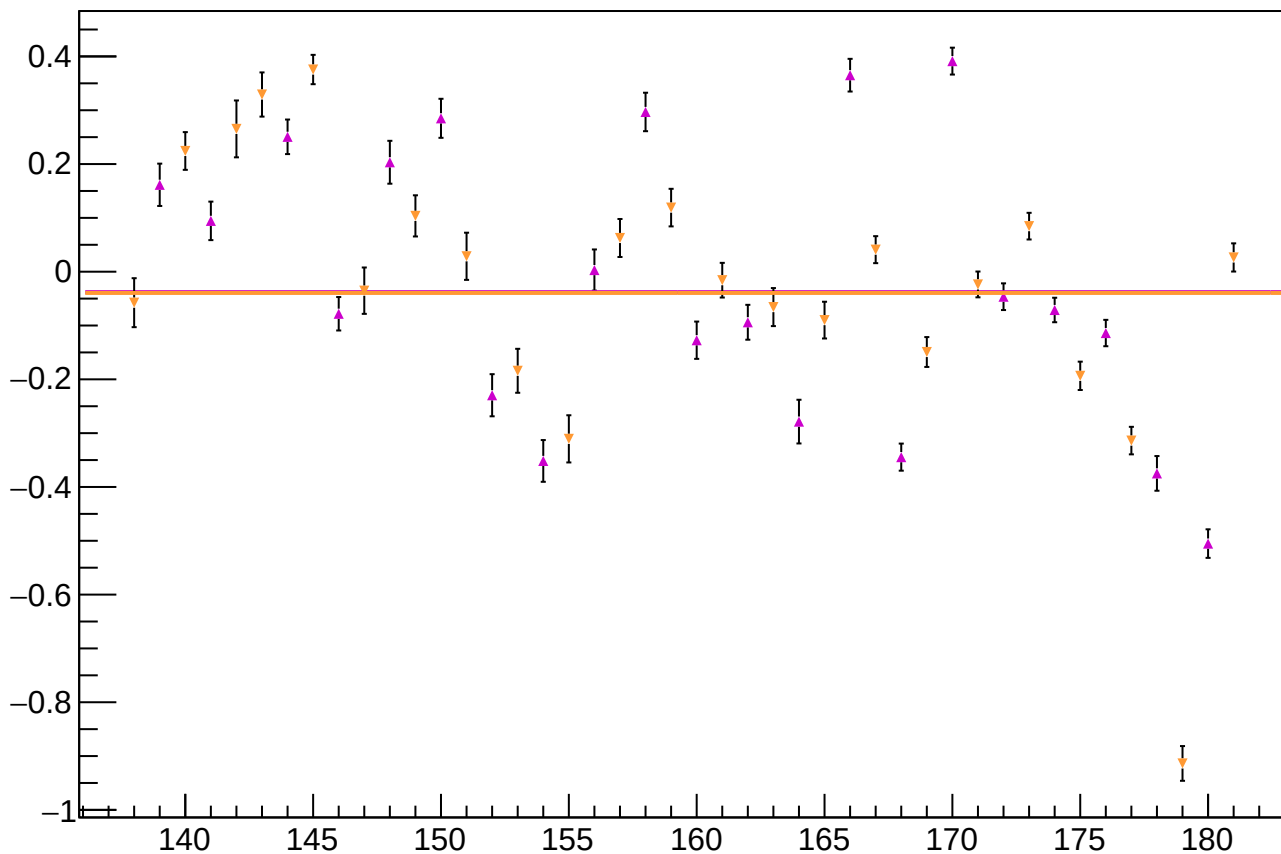
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 54.502 $\pm$ 0.148 χ^2 /NDF:4118.0/20

Left: 54.696 $\pm$ 0.103 χ^2 /NDF: 10081.7/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 54.502 $\pm$ 0.148 χ^2 /NDF:4118.0/20
 Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 All: 54.696 $\pm$ 0.103 χ^2 /NDF: 10081.7/43

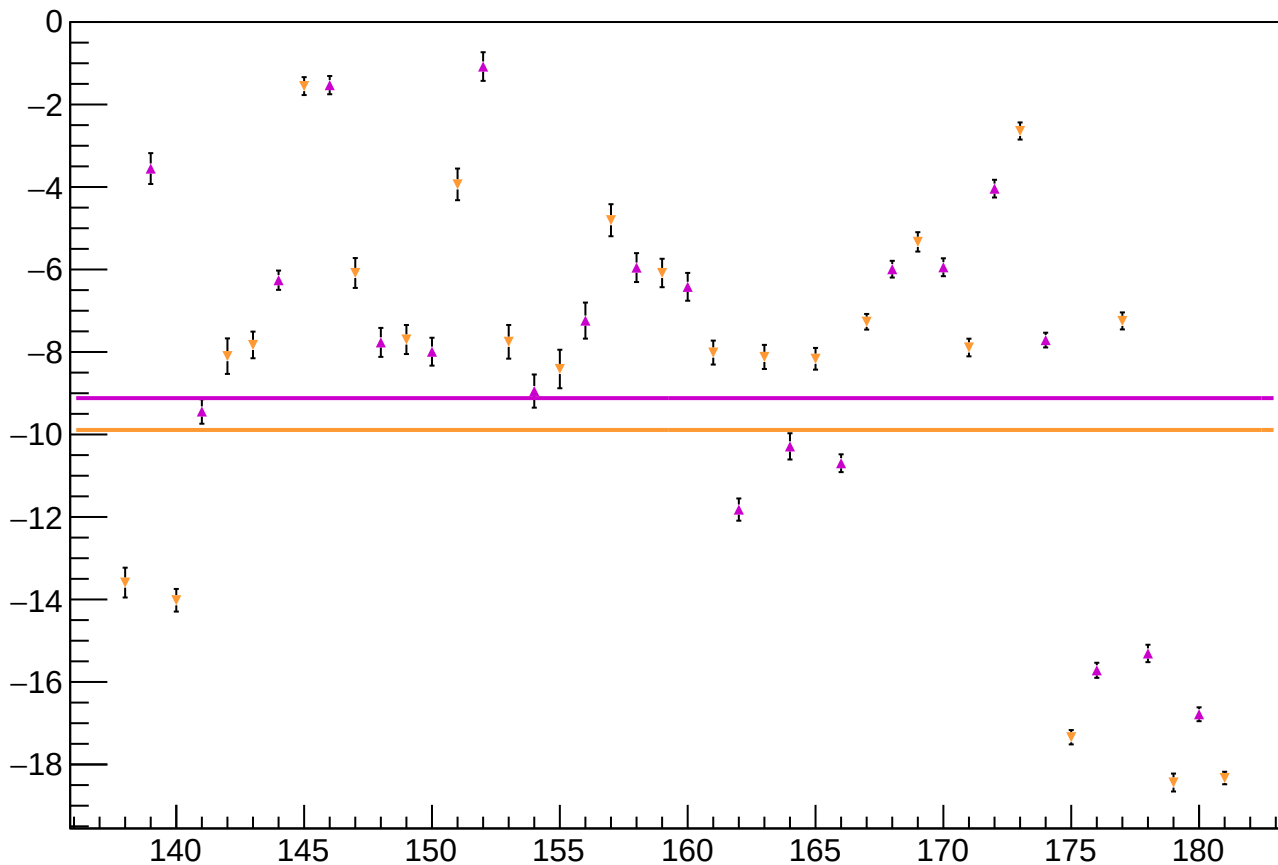
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 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: -0.039 $\pm$ 0.005 χ^2 /NDF: 2955.5/43
 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: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 All: -0.039 $\pm$ 0.005 χ^2 /NDF: 2955.5/43

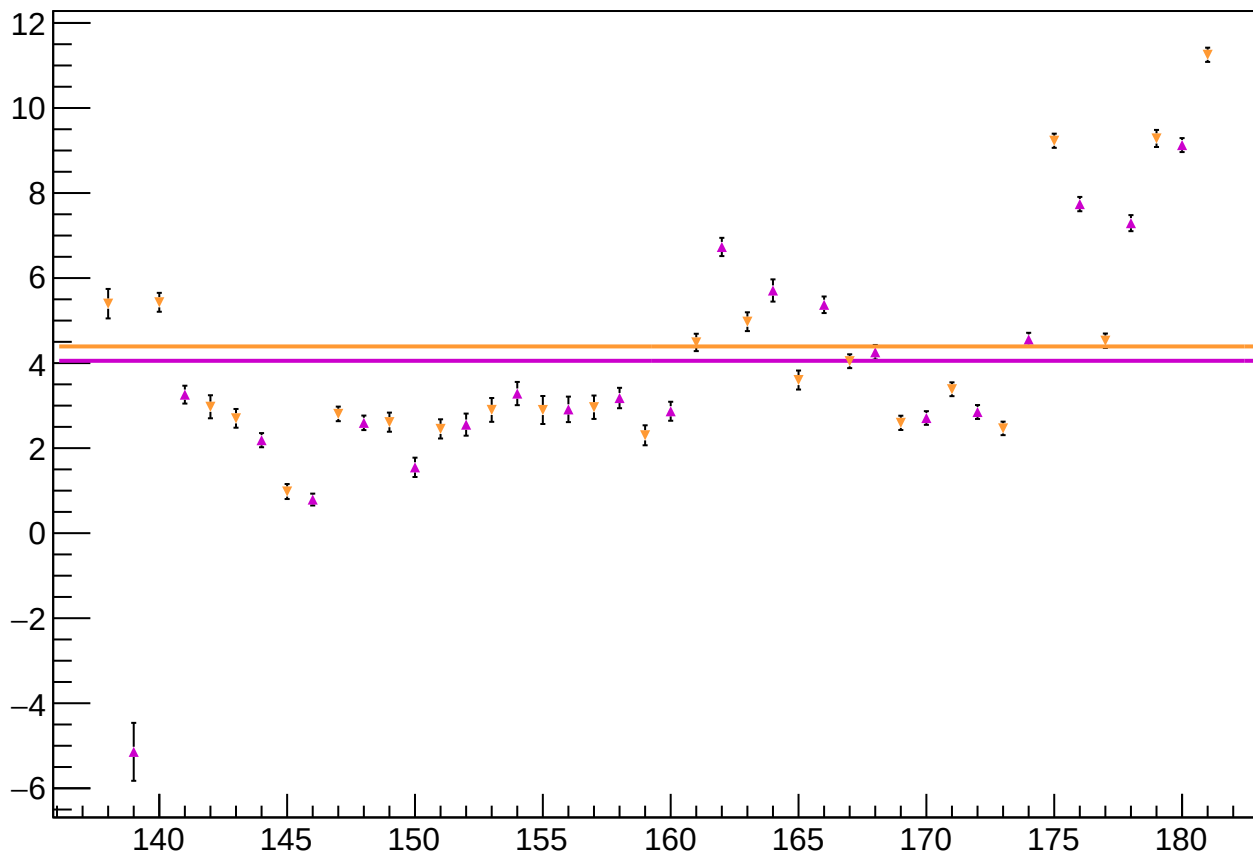
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -9.890 $\pm$ 0.053 χ^2/NDF :11214.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -9.119 $\pm$ 0.054 χ^2/NDF :7756.9/20

Left: -9.512 $\pm$ 0.038 χ^2/NDF : 19074.7/43
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -9.119 $\pm$ 0.054 χ^2/NDF :7756.9/20
 Out: -9.890 $\pm$ 0.053 χ^2/NDF :11214.1/22
 All: -9.512 $\pm$ 0.038 χ^2/NDF : 19074.7/43

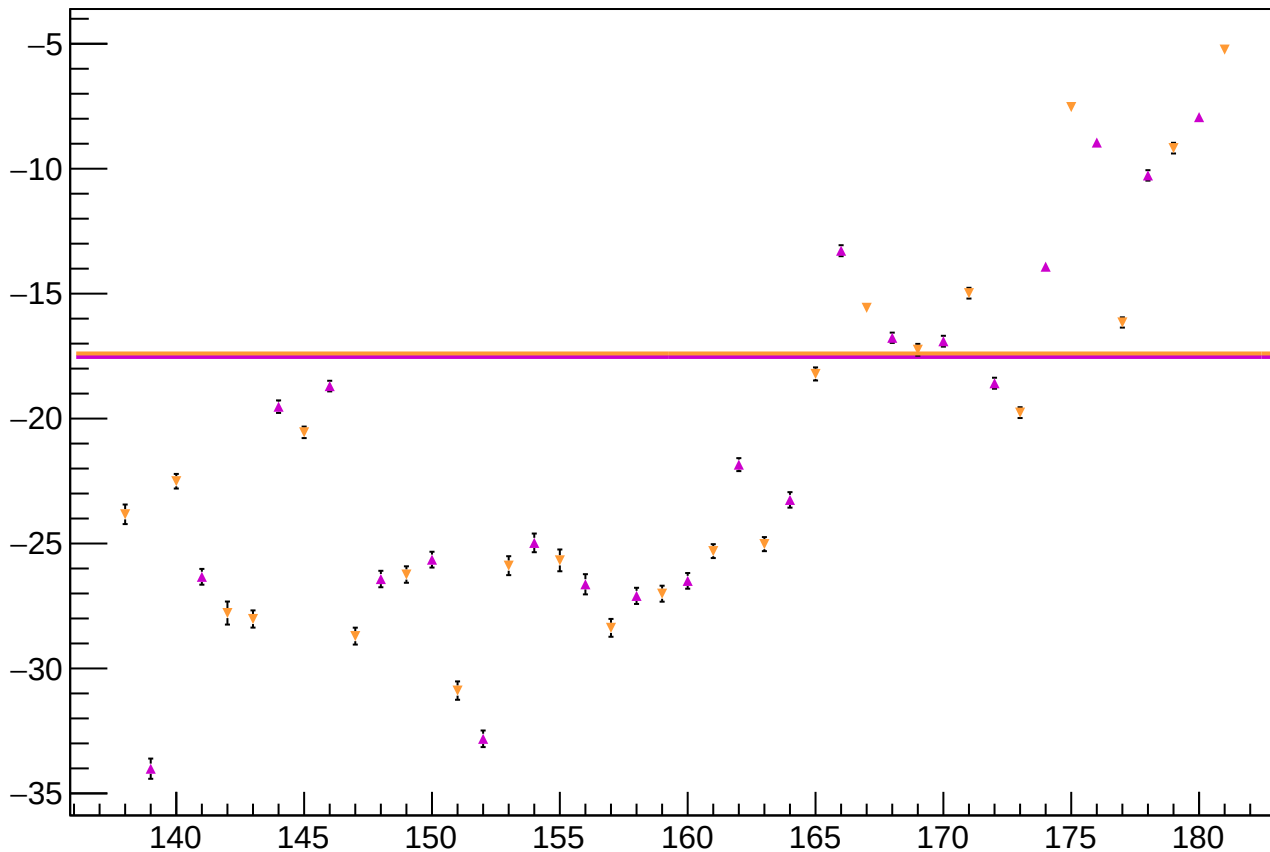
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20

Left: 4.225 $\pm$ 0.030 χ^2 /NDF: 7598.0/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.054 $\pm$ 0.042 χ^2 /NDF:3260.6/20
 Out: 4.392 $\pm$ 0.042 χ^2 /NDF:4305.3/22
 All: 4.225 $\pm$ 0.030 χ^2 /NDF: 7598.0/43

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Left: -17.463+/-0.038 χ^2/NDF : 37392.0/43

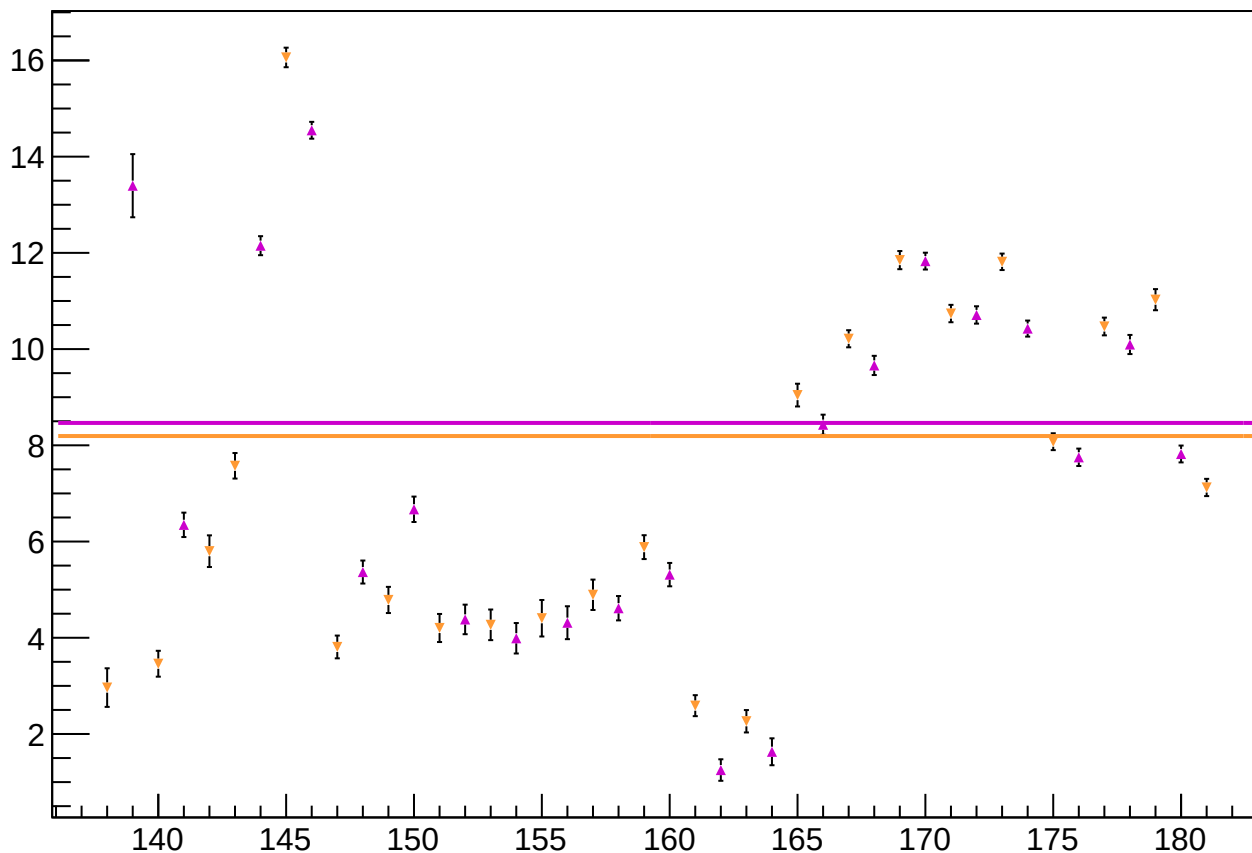
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.533+/-0.054 χ^2/NDF :16739.5/20

Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

All: -17.463+/-0.038 χ^2/NDF : 37392.0/43

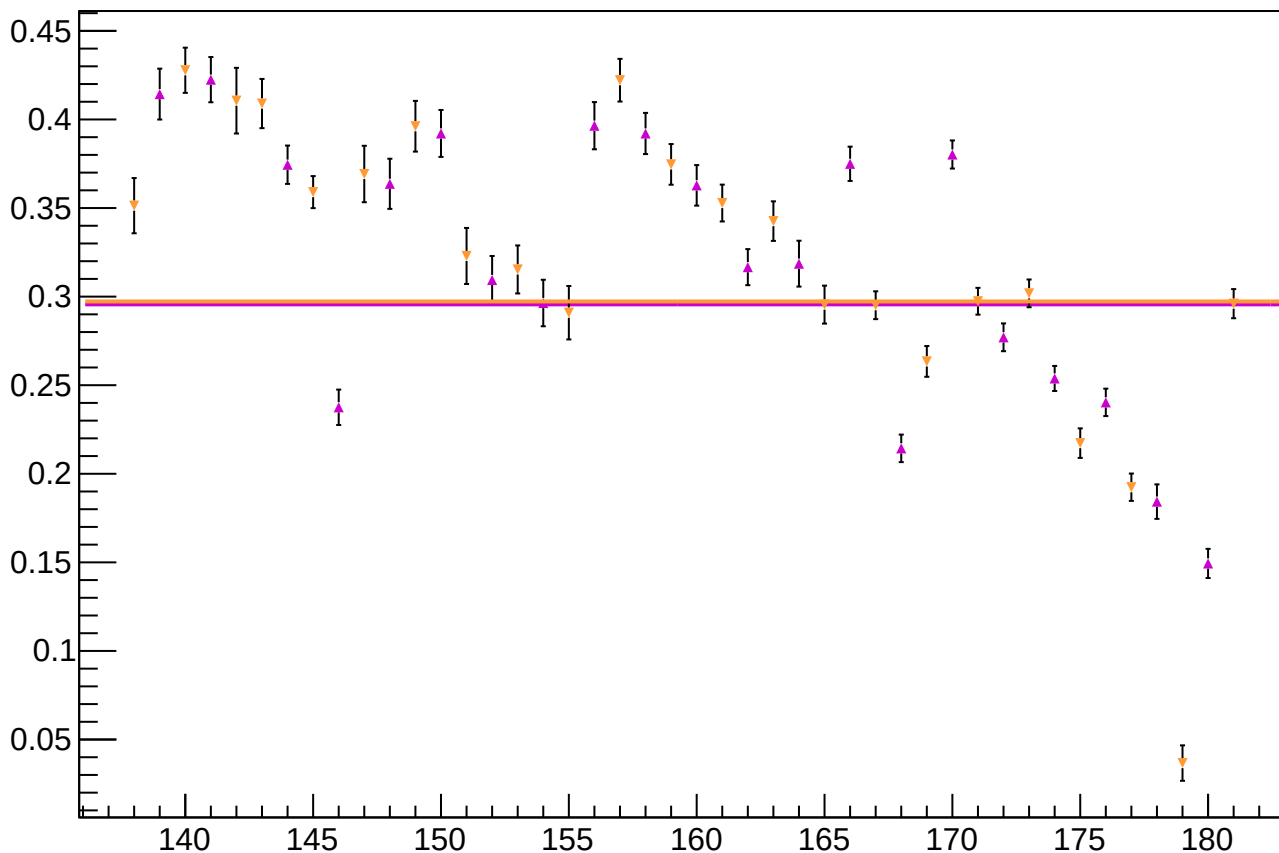
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.465+/-0.048 χ^2/NDF :5255.0/20

Left: 8.327+/-0.034 χ^2/NDF : 11272.5/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.465+/-0.048 χ^2/NDF :5255.0/20
 Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 All: 8.327+/-0.034 χ^2/NDF : 11272.5/43

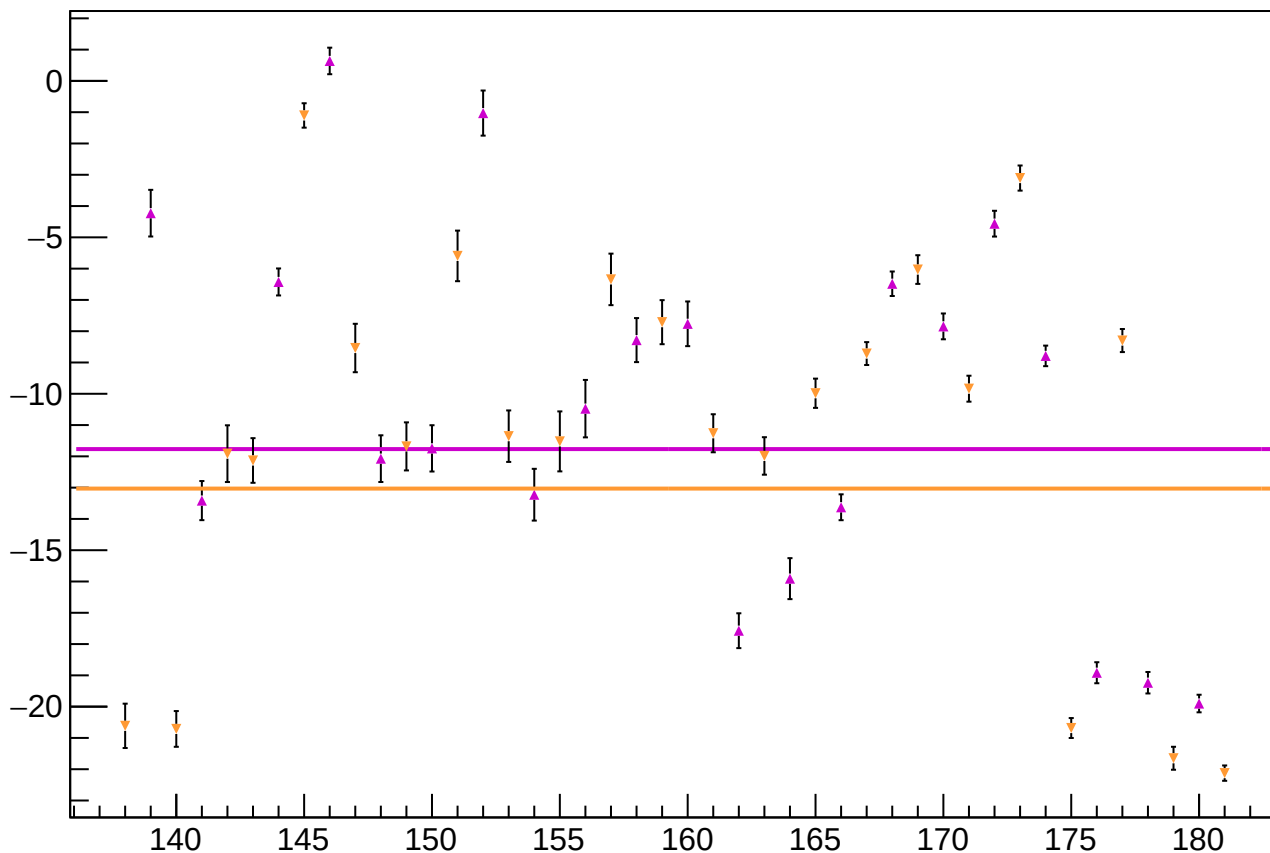
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.297 $\pm$ 0.002 χ^2 /NDF:1506.6/22
 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: 2834.4/43
 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:1506.6/22
 All: 0.296 $\pm$ 0.002 χ^2 /NDF: 2834.4/43

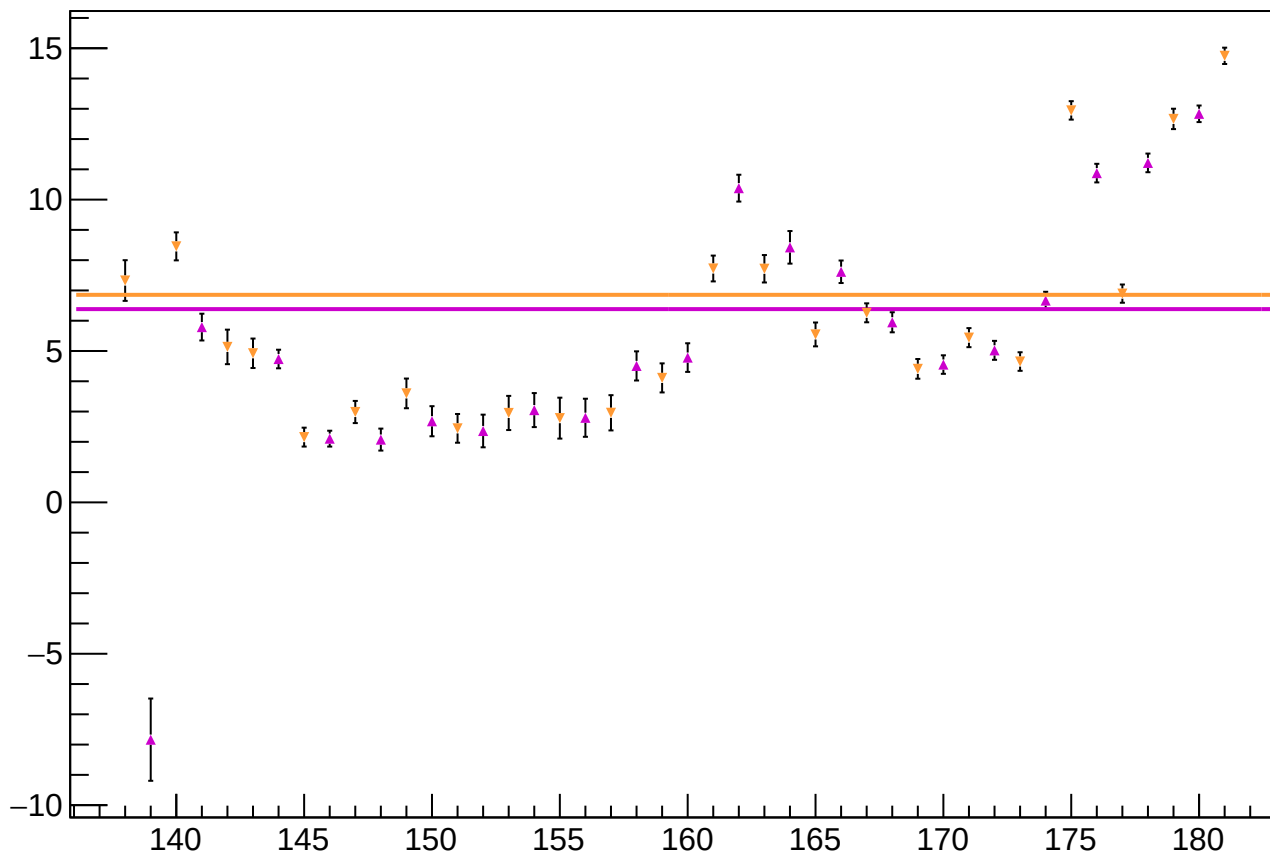
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -13.030 $\pm$ 0.099 χ^2/NDF :5252.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -11.768 $\pm$ 0.102 χ^2/NDF :3994.6/20

Left: -12.415 $\pm$ 0.071 χ^2/NDF : 9325.5/43
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -11.768 $\pm$ 0.102 χ^2/NDF :3994.6/20
 Out: -13.030 $\pm$ 0.099 χ^2/NDF :5252.1/22
 All: -12.415 $\pm$ 0.071 χ^2/NDF : 9325.5/43

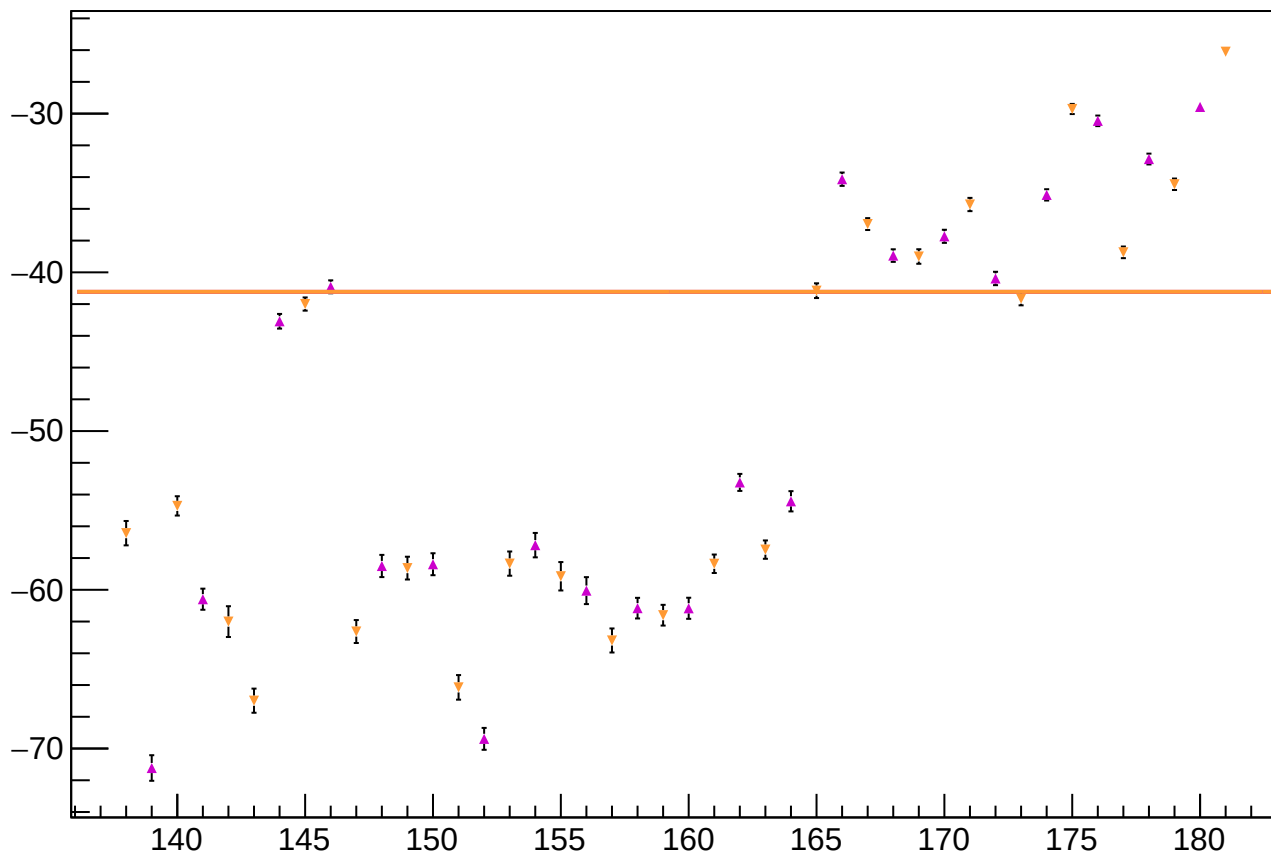
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.383+/-0.081 χ^2/NDF :1933.3/20

Left: 6.621+/-0.057 χ^2/NDF : 4324.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.383+/-0.081 χ^2/NDF :1933.3/20
 Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 All: 6.621+/-0.057 χ^2/NDF : 4324.7/43

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: -41.226+/-0.100 χ^2/NDF :14918.7/22

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: -41.229+/-0.071 χ^2/NDF : 27829.4/43

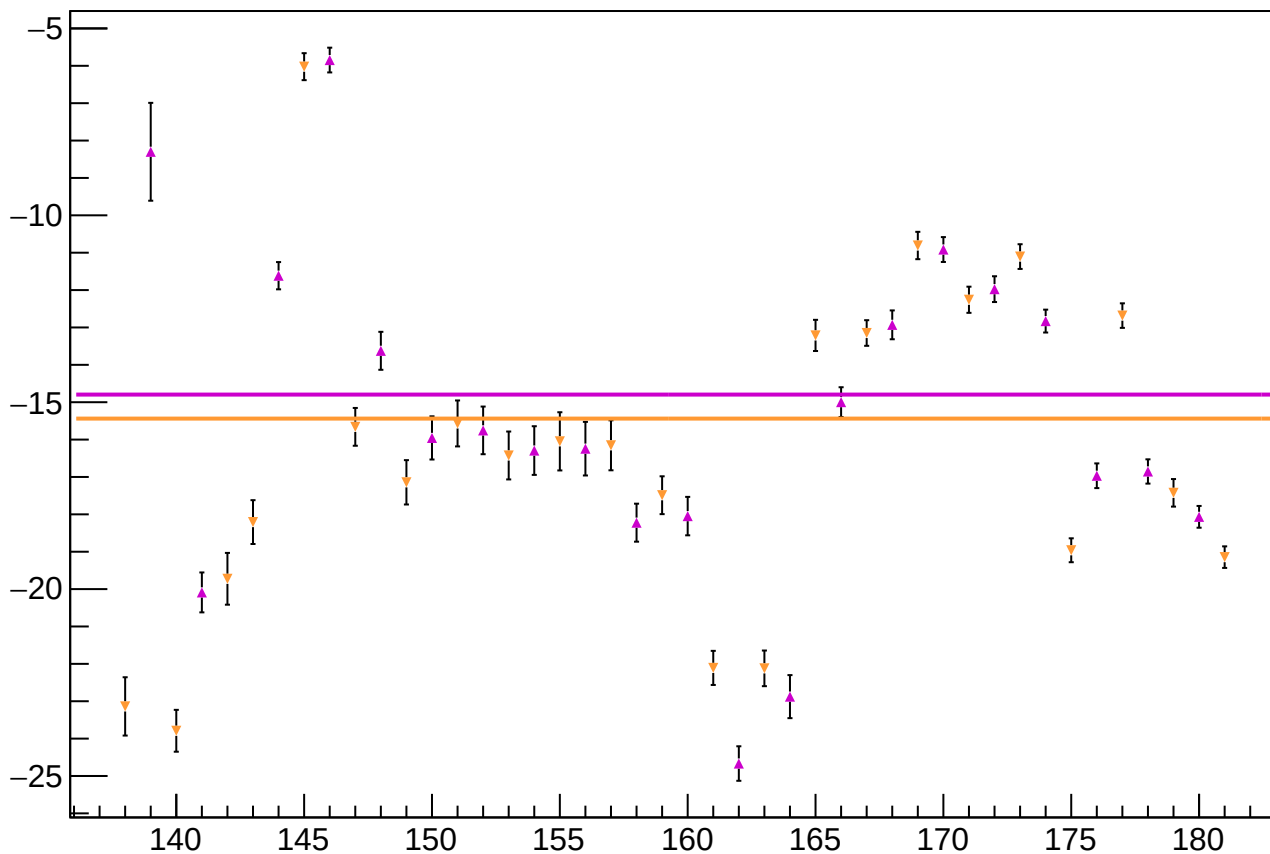
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.232+/-0.102 χ^2/NDF :12910.7/20

Out: -41.226+/-0.100 χ^2/NDF :14918.7/22

All: -41.229+/-0.071 χ^2/NDF : 27829.4/43

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.438+/-0.090 χ^2/NDF :2374.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.796+/-0.091 χ^2/NDF :2166.8/20

Left: -15.120+/-0.064 χ^2/NDF : 4566.1/43

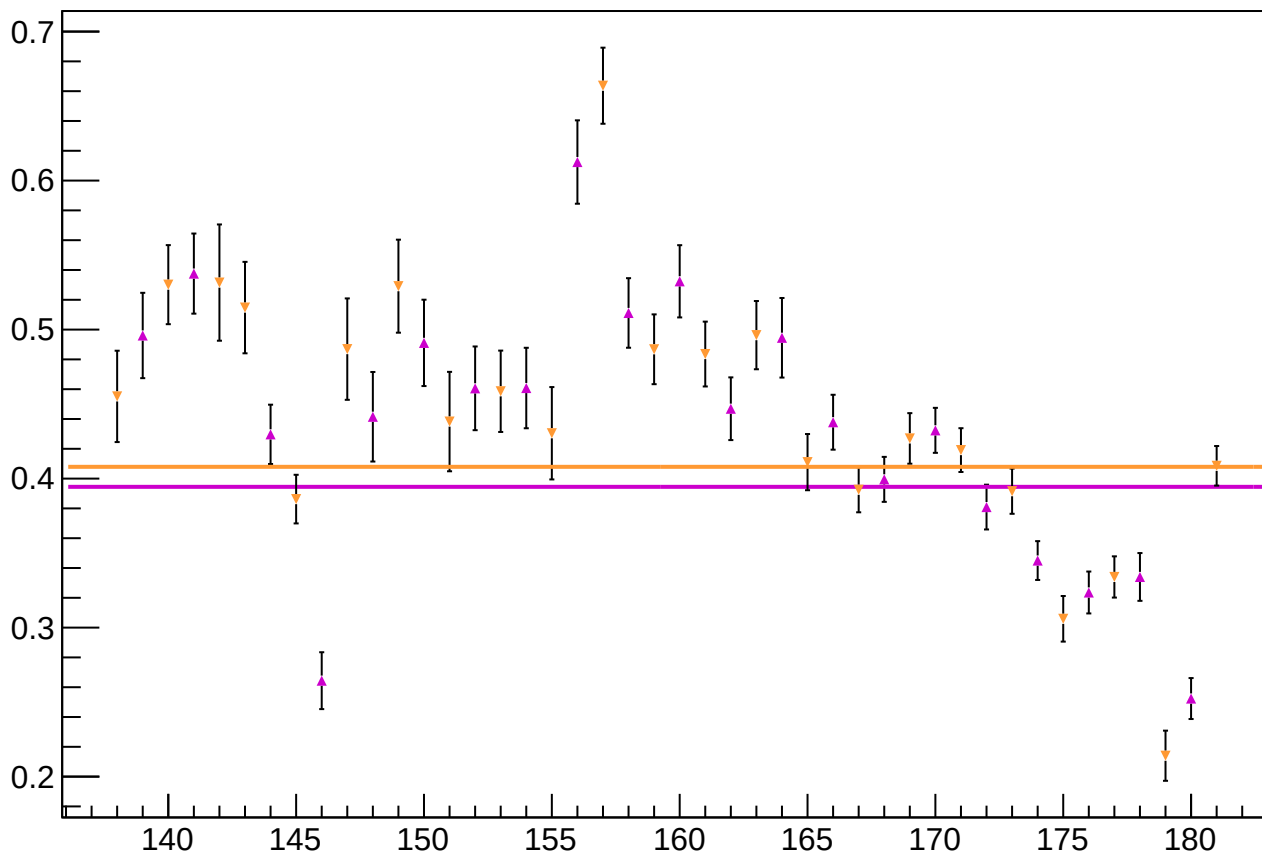
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.796+/-0.091 χ^2/NDF :2166.8/20

Out: -15.438+/-0.090 χ^2/NDF :2374.1/22

All: -15.120+/-0.064 χ^2/NDF : 4566.1/43

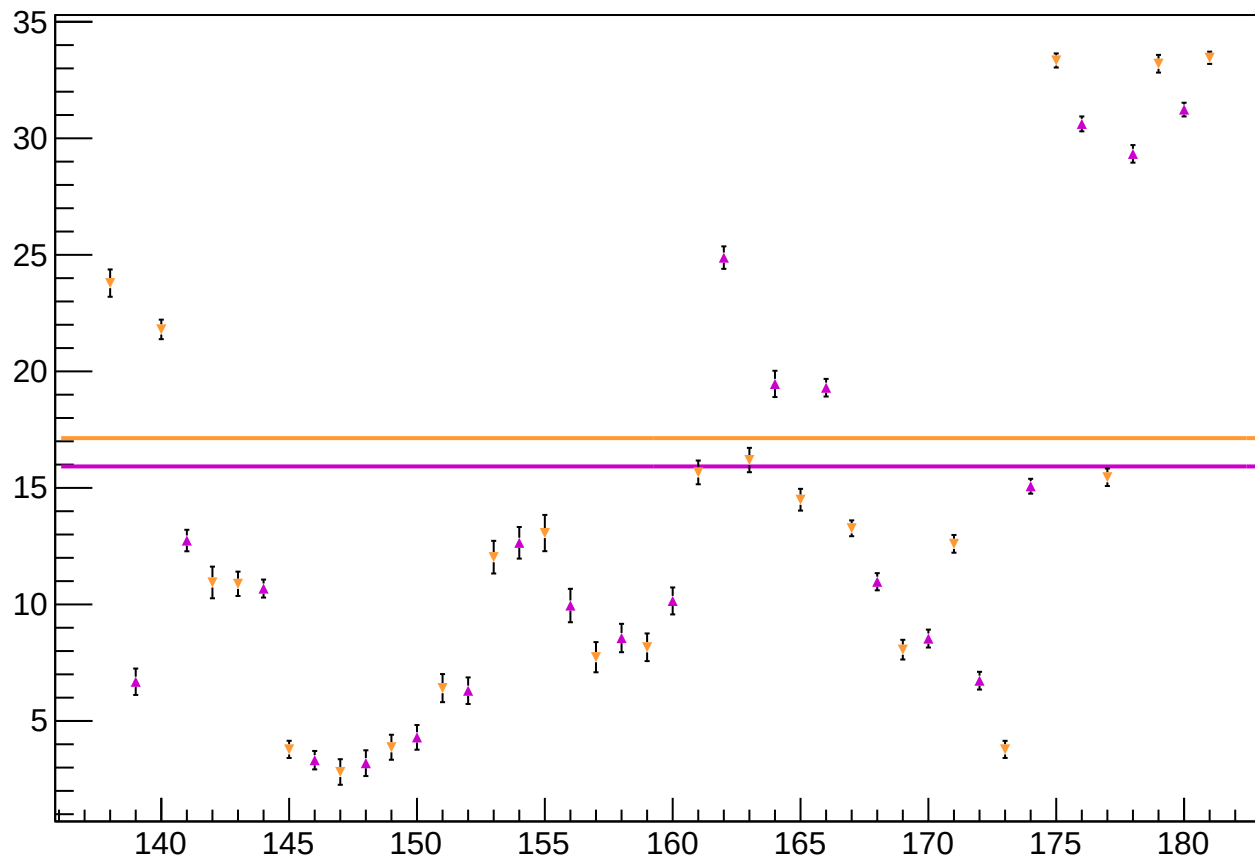
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/22
 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: 854.1/43
 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:421.2/22
 All: 0.401 $\pm$ 0.003 χ^2 /NDF: 854.1/43

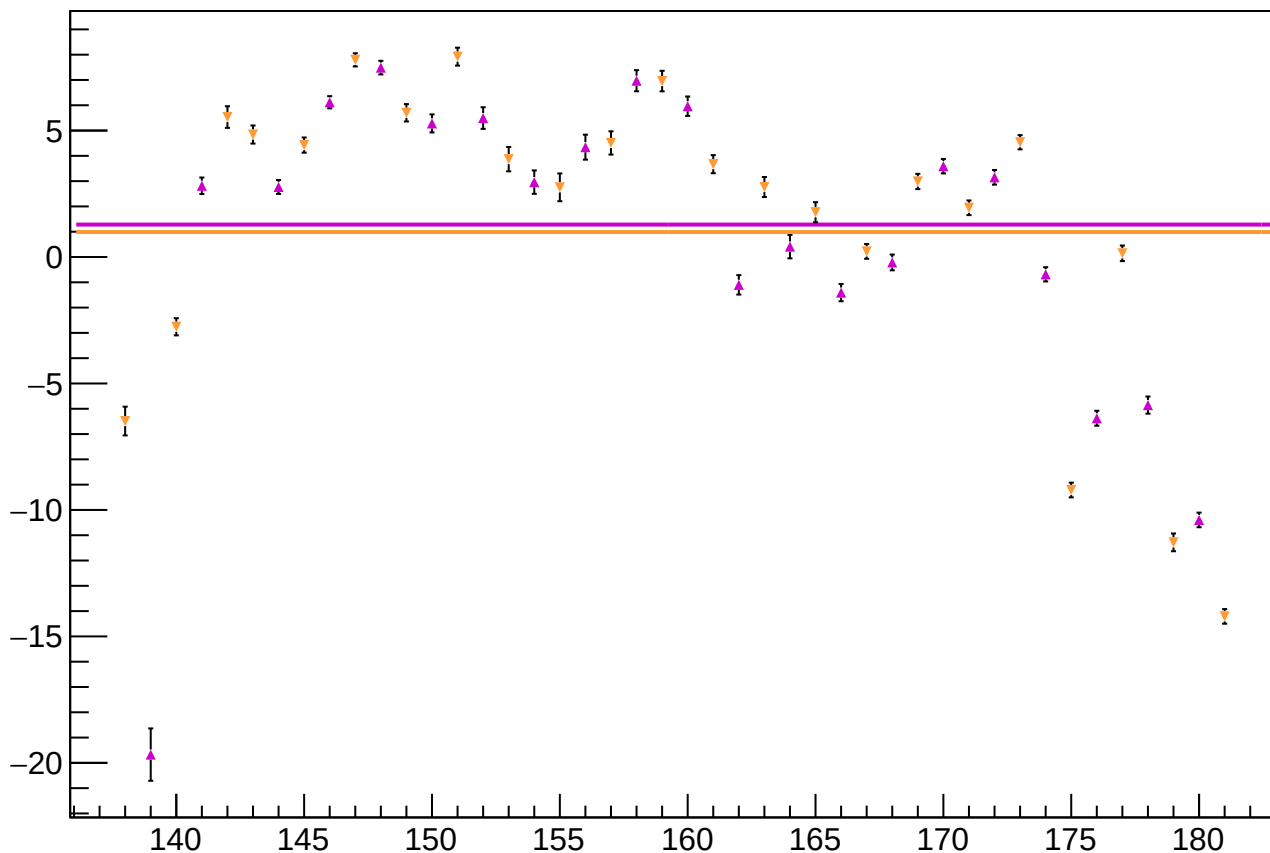
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 15.921+/-0.094 χ^2/NDF :10808.3/20

Left: 16.544+/-0.065 χ^2/NDF : 25426.0/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 15.921+/-0.094 χ^2/NDF :10808.3/20
 Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 All: 16.544+/-0.065 χ^2/NDF : 25426.0/43

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: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22
 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: 1.132 $\pm$ 0.051 χ^2 /NDF: 12772.7/43

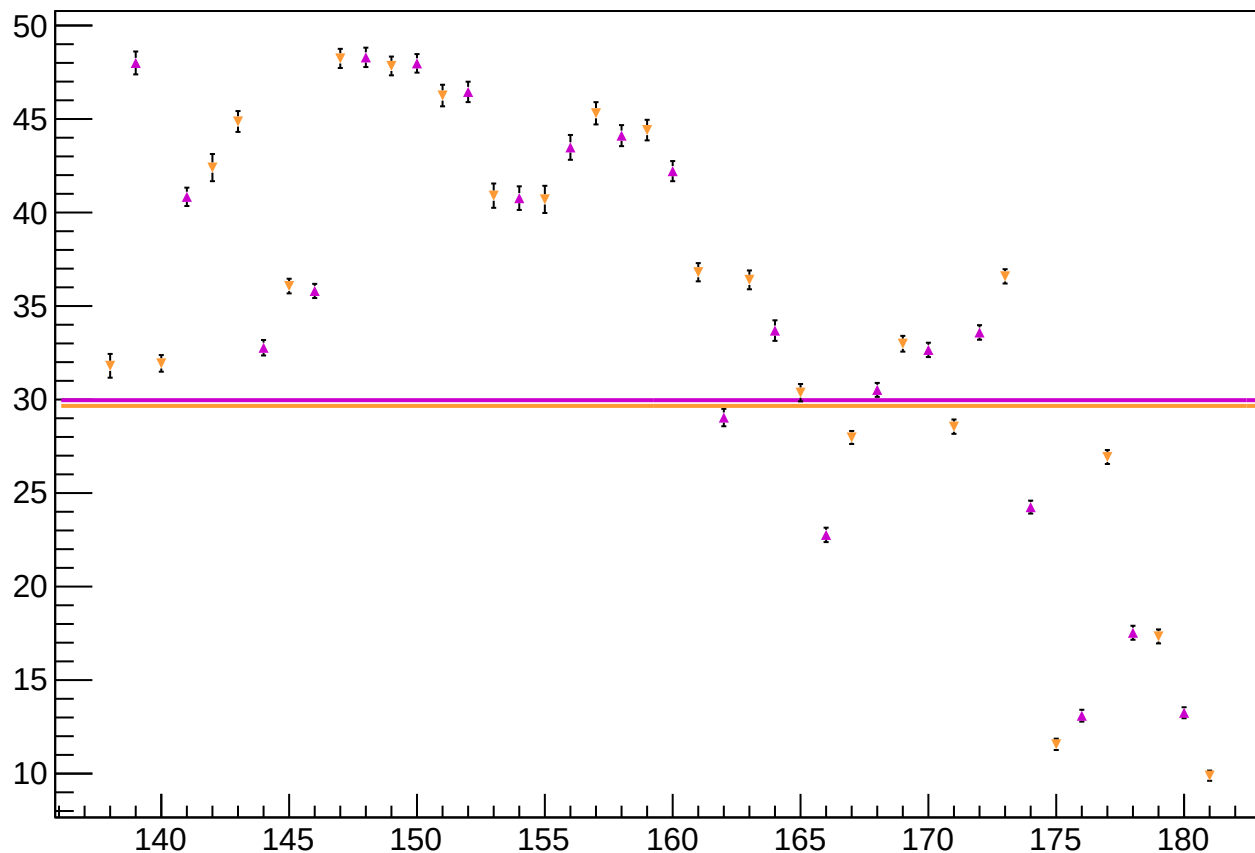
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.282 $\pm$ 0.073 χ^2 /NDF:5028.9/20

Out: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22

All: 1.132 $\pm$ 0.051 χ^2 /NDF: 12772.7/43

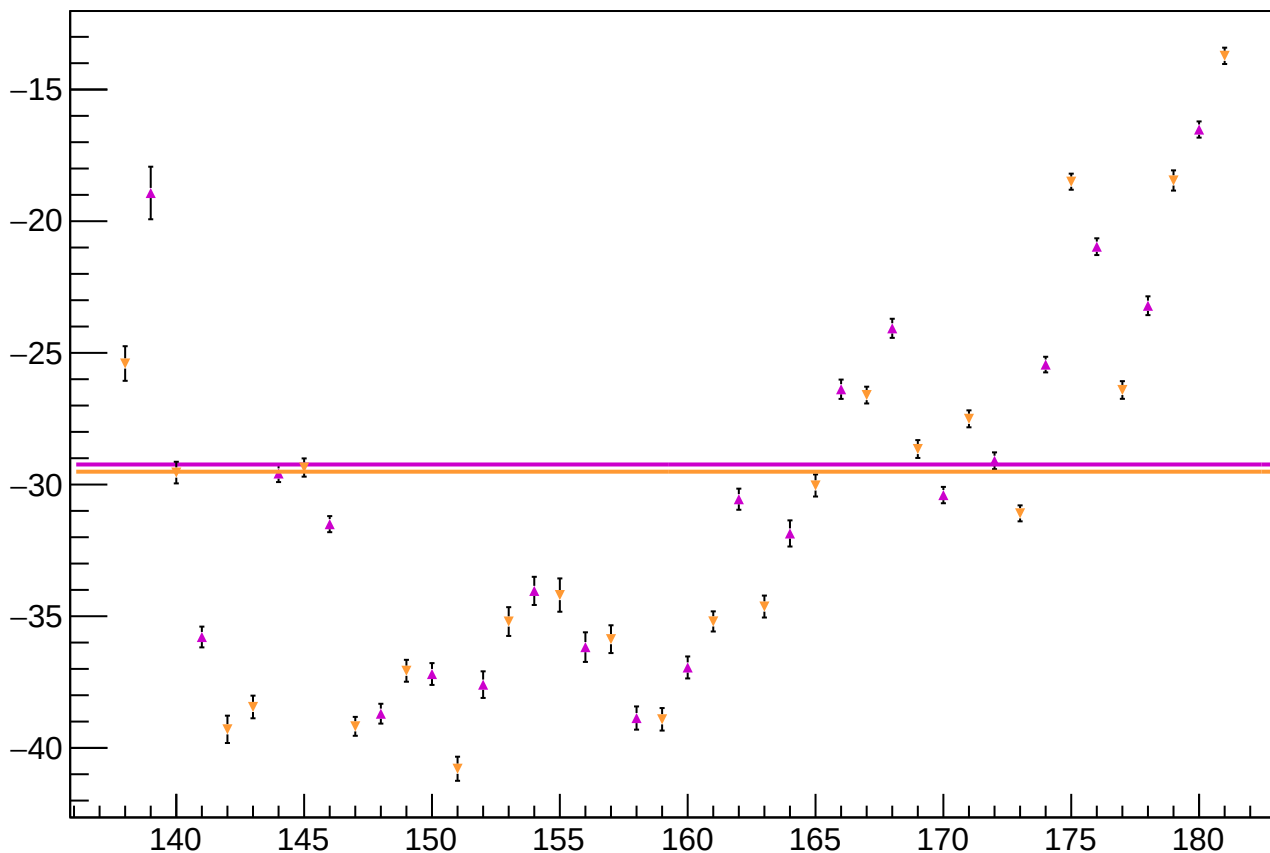
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 29.661+/-0.092 χ^2/NDF :17489.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 29.967+/-0.094 χ^2/NDF :14958.9/20

Left: 29.811+/-0.065 χ^2/NDF : 32453.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 29.967+/-0.094 χ^2/NDF :14958.9/20
 Out: 29.661+/-0.092 χ^2/NDF :17489.0/22
 All: 29.811+/-0.065 χ^2/NDF : 32453.4/43

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: -29.511+/-0.081 χ^2/NDF :8617.1/22

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: -29.377+/-0.058 χ^2/NDF : 14540.4/43

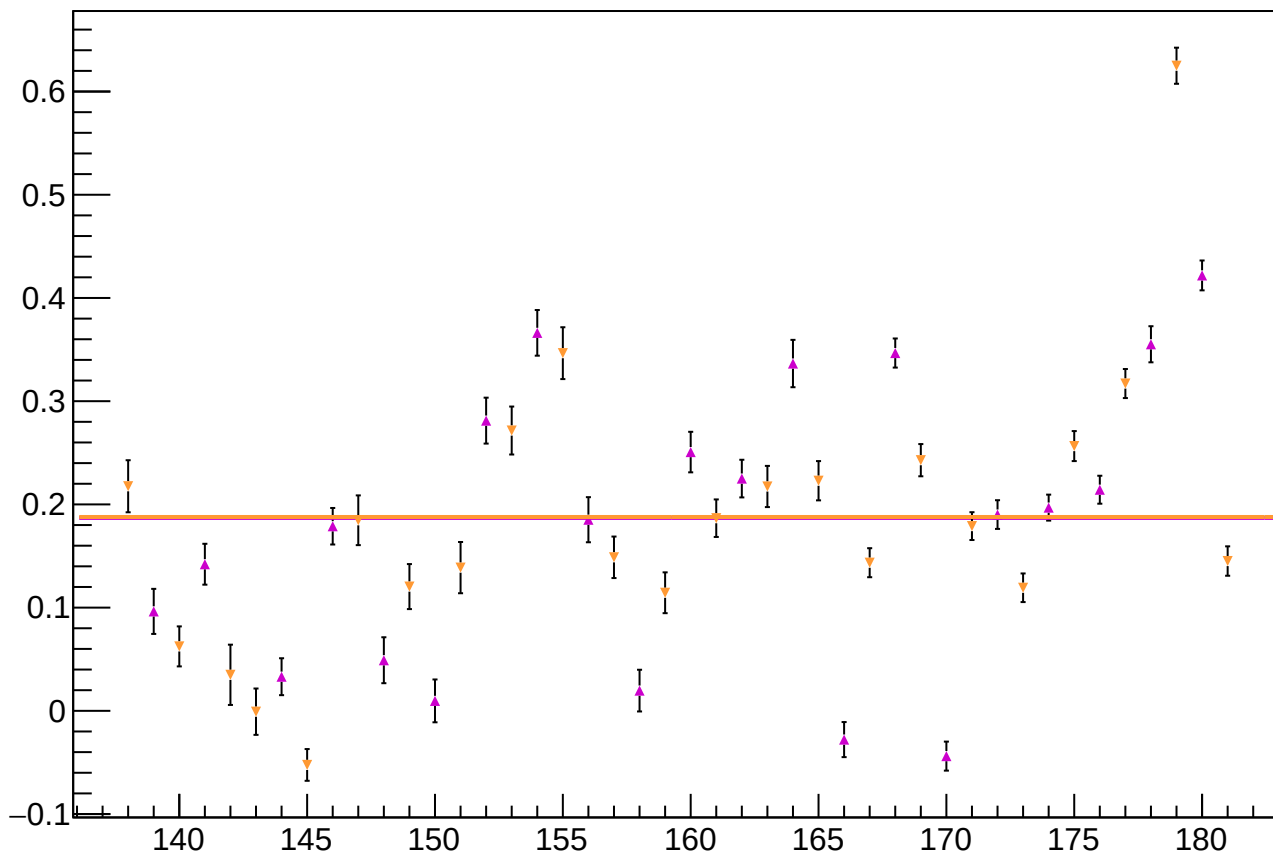
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.238+/-0.082 χ^2/NDF :5917.6/20

Out: -29.511+/-0.081 χ^2/NDF :8617.1/22

All: -29.377+/-0.058 χ^2/NDF : 14540.4/43

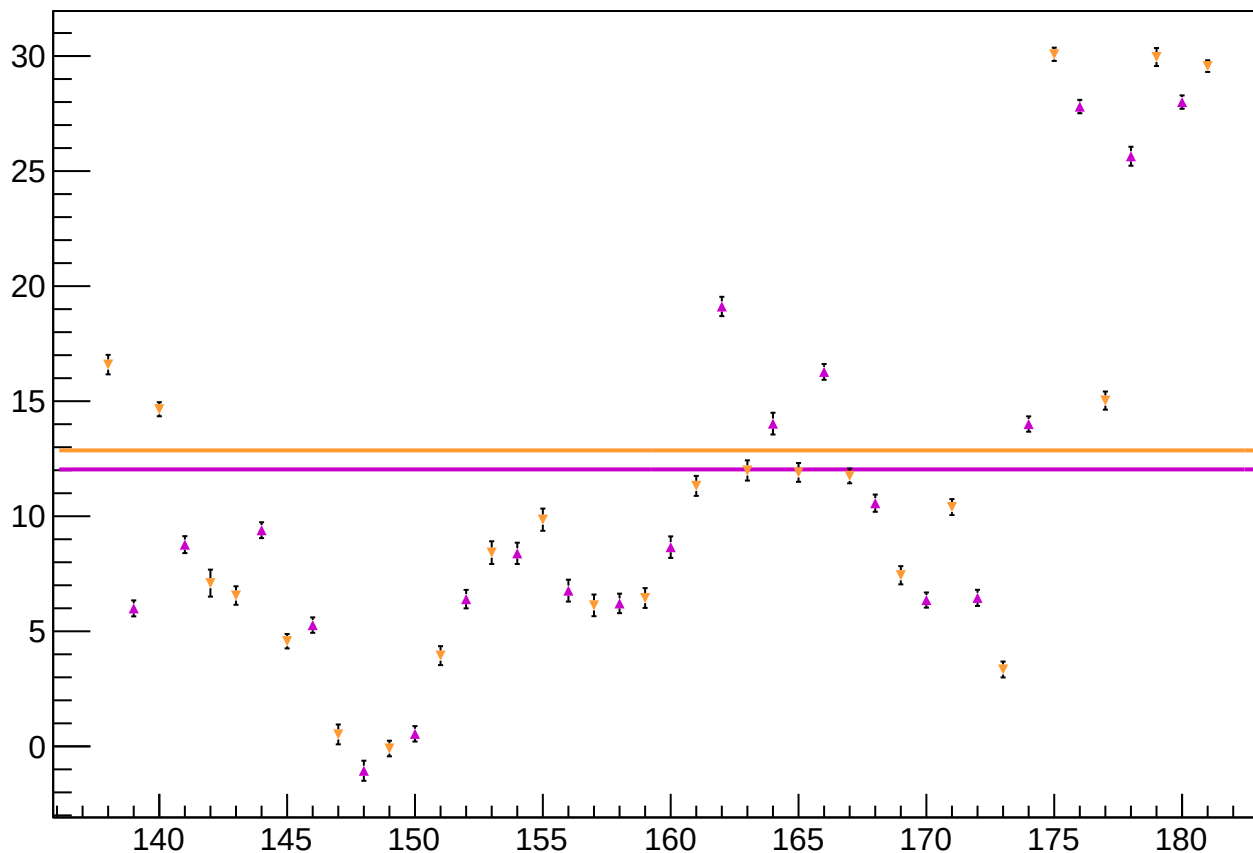
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.188+/-0.004 χ^2/NDF :1262.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.187+/-0.004 χ^2/NDF :1336.7/20

Left: 0.187+/-0.003 χ^2/NDF : 2599.0/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.187+/-0.004 χ^2/NDF :1336.7/20
 Out: 0.188+/-0.004 χ^2/NDF :1262.2/22
 All: 0.187+/-0.003 χ^2/NDF : 2599.0/43

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 12.035+/-0.081 χ^2/NDF :11657.5/20

Left: 12.461+/-0.056 χ^2/NDF : 27035.9/43

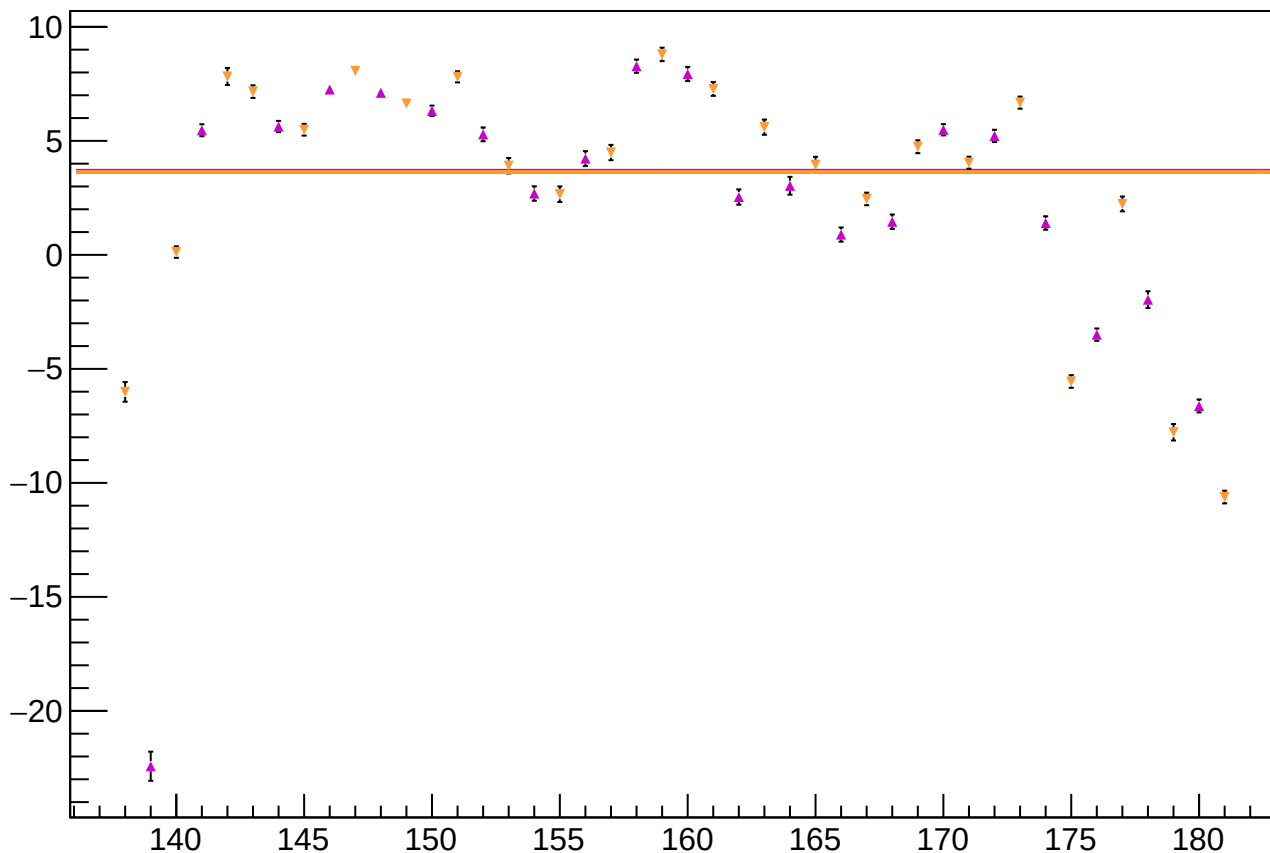
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 12.035+/-0.081 χ^2/NDF :11657.5/20

Out: 12.862+/-0.078 χ^2/NDF :15324.1/22

All: 12.461+/-0.056 χ^2/NDF : 27035.9/43

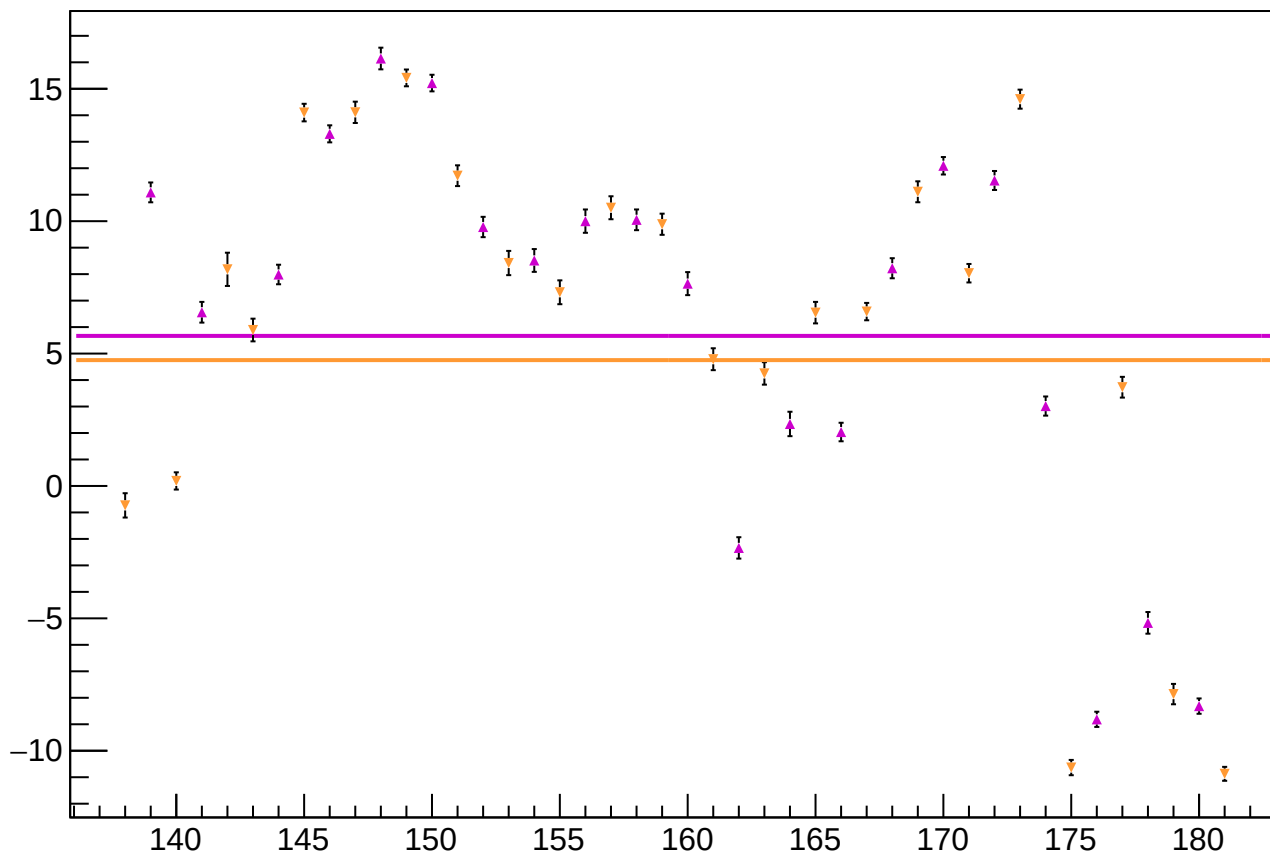
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.632+/-0.060 χ^2/NDF : 7351.3/22
 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: 3.657+/-0.043 χ^2/NDF : 12808.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.685+/-0.062 χ^2/NDF : 5457.0/20
 Out: 3.632+/-0.060 χ^2/NDF : 7351.3/22
 All: 3.657+/-0.043 χ^2/NDF : 12808.7/43

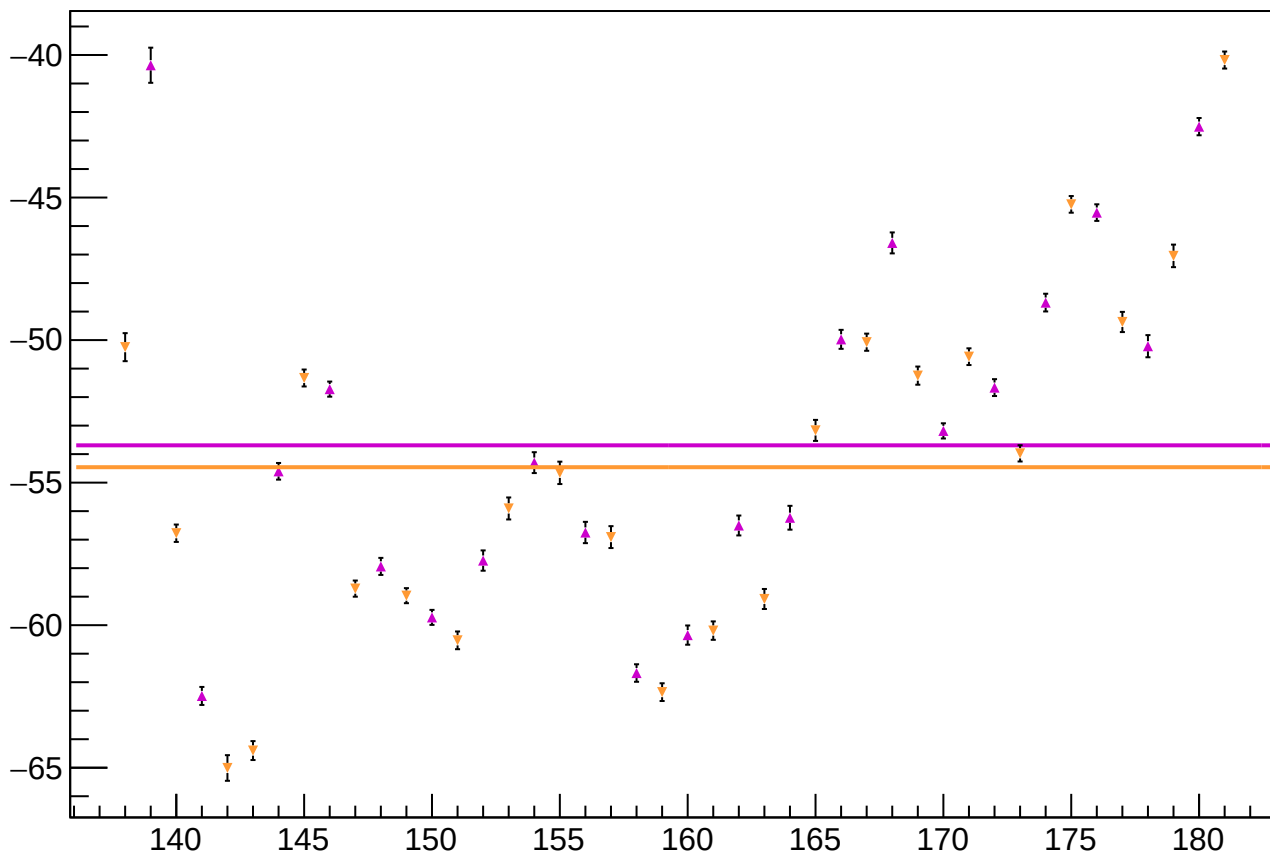
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.753 $\pm$ 0.078 χ^2 /NDF:12188.1/22
 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: 5.200 $\pm$ 0.056 χ^2 /NDF: 21931.0/43
 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: 4.753 $\pm$ 0.078 χ^2 /NDF:12188.1/22
 All: 5.200 $\pm$ 0.056 χ^2 /NDF: 21931.0/43

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: -54.459+/-0.068 χ^2/NDF :8115.2/22

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: -54.087+/-0.049 χ^2/NDF : 14611.0/43

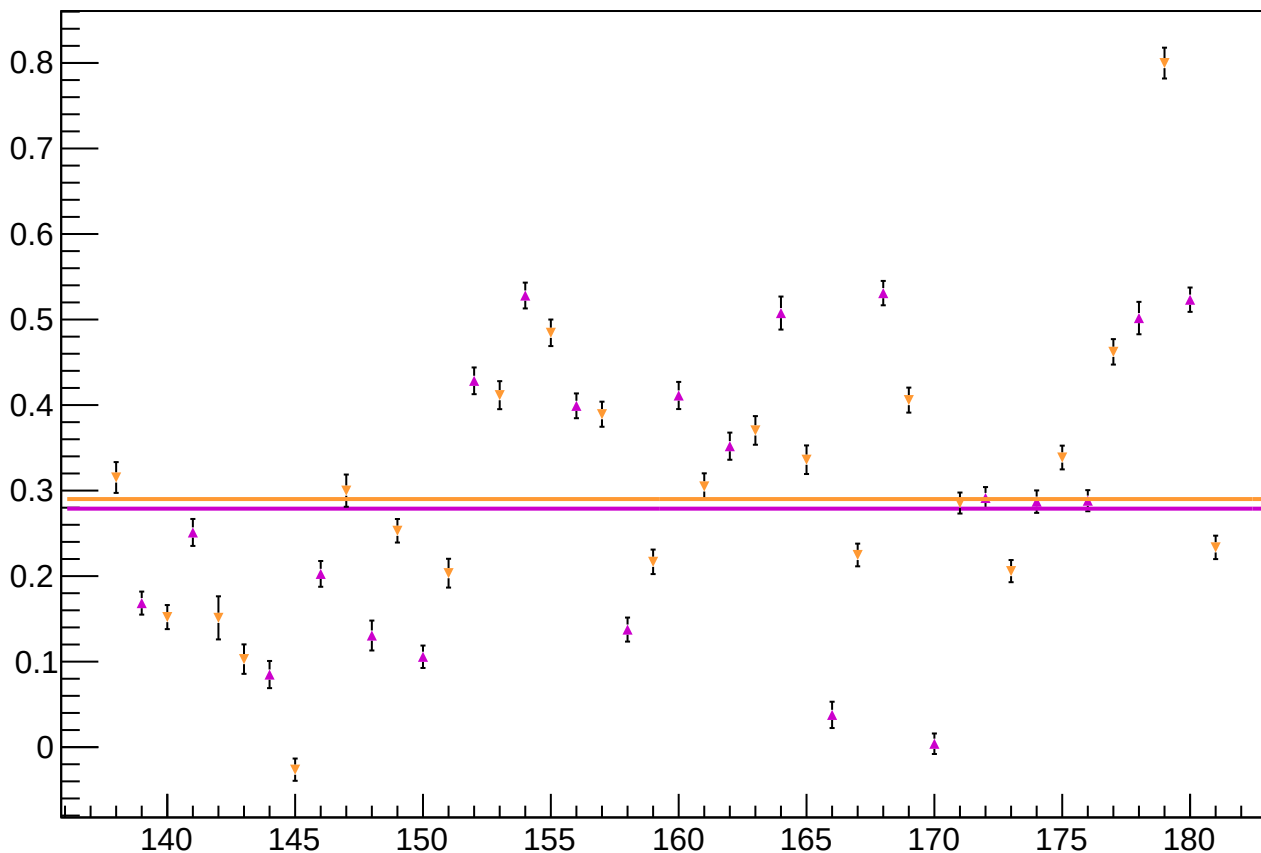
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.692+/-0.070 χ^2/NDF :6434.6/20

Out: -54.459+/-0.068 χ^2/NDF :8115.2/22

All: -54.087+/-0.049 χ^2/NDF : 14611.0/43

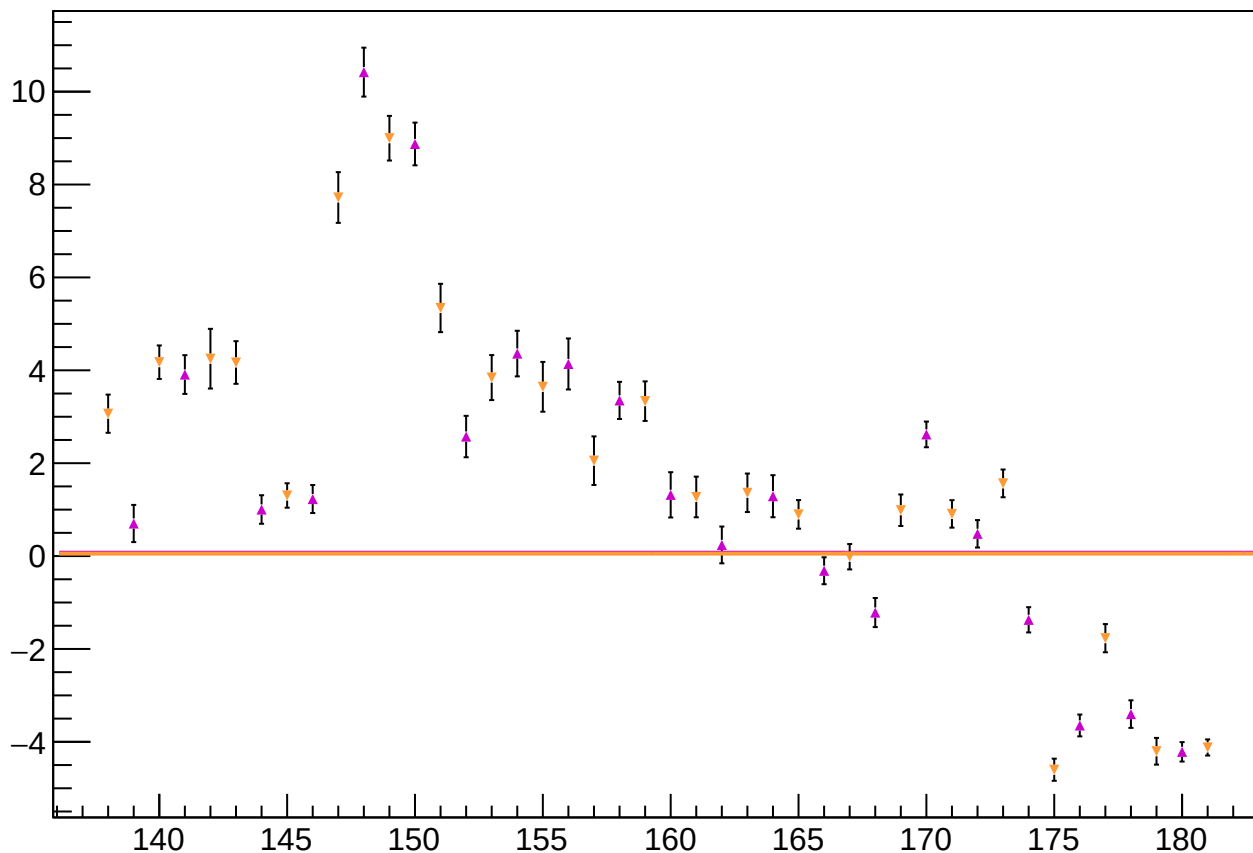
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 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: 0.285 $\pm$ 0.002 χ^2 /NDF: 5061.3/43
 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: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 All: 0.285 $\pm$ 0.002 χ^2 /NDF: 5061.3/43

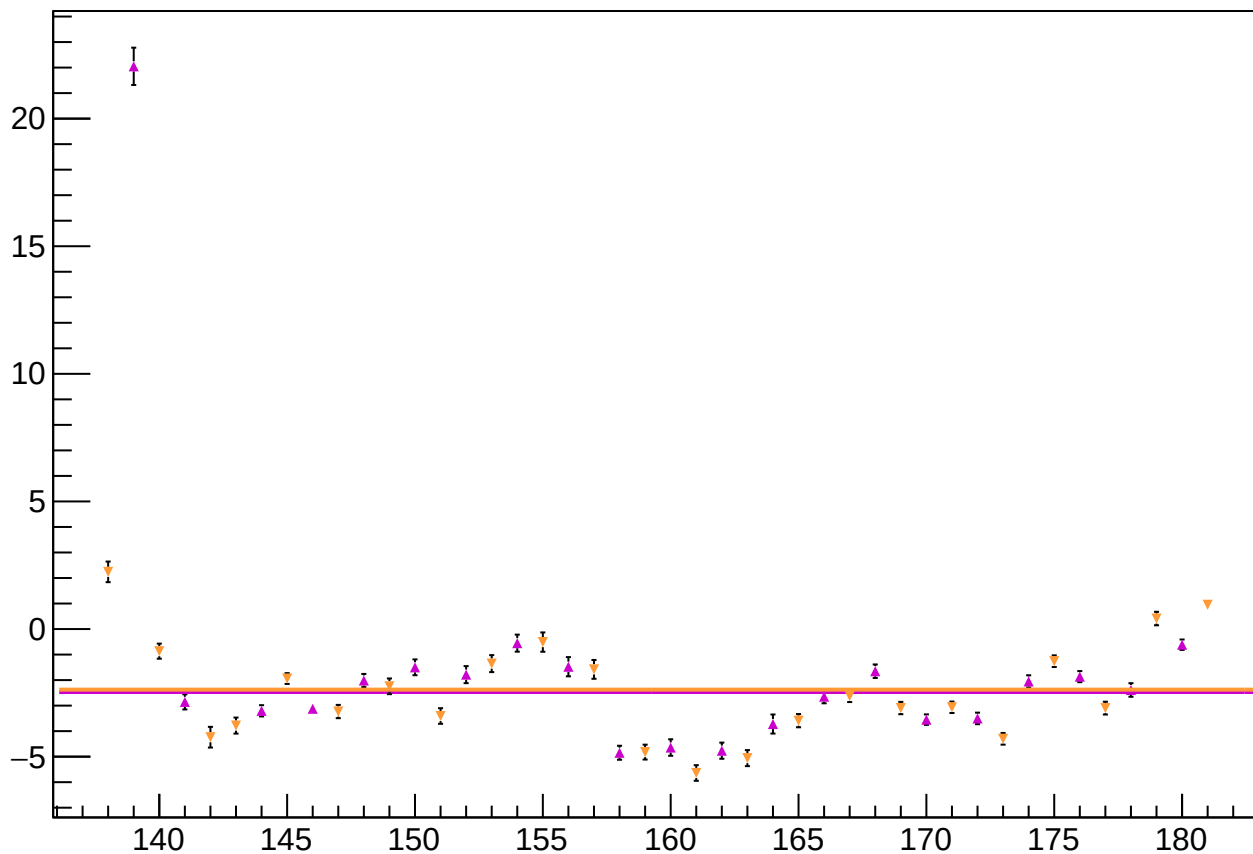
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.053+/-0.070 χ^2/NDF :2439.4/22
 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: 0.062+/-0.051 χ^2/NDF : 4487.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.072+/-0.073 χ^2/NDF :2048.2/20
 Out: 0.053+/-0.070 χ^2/NDF :2439.4/22
 All: 0.062+/-0.051 χ^2/NDF : 4487.7/43

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



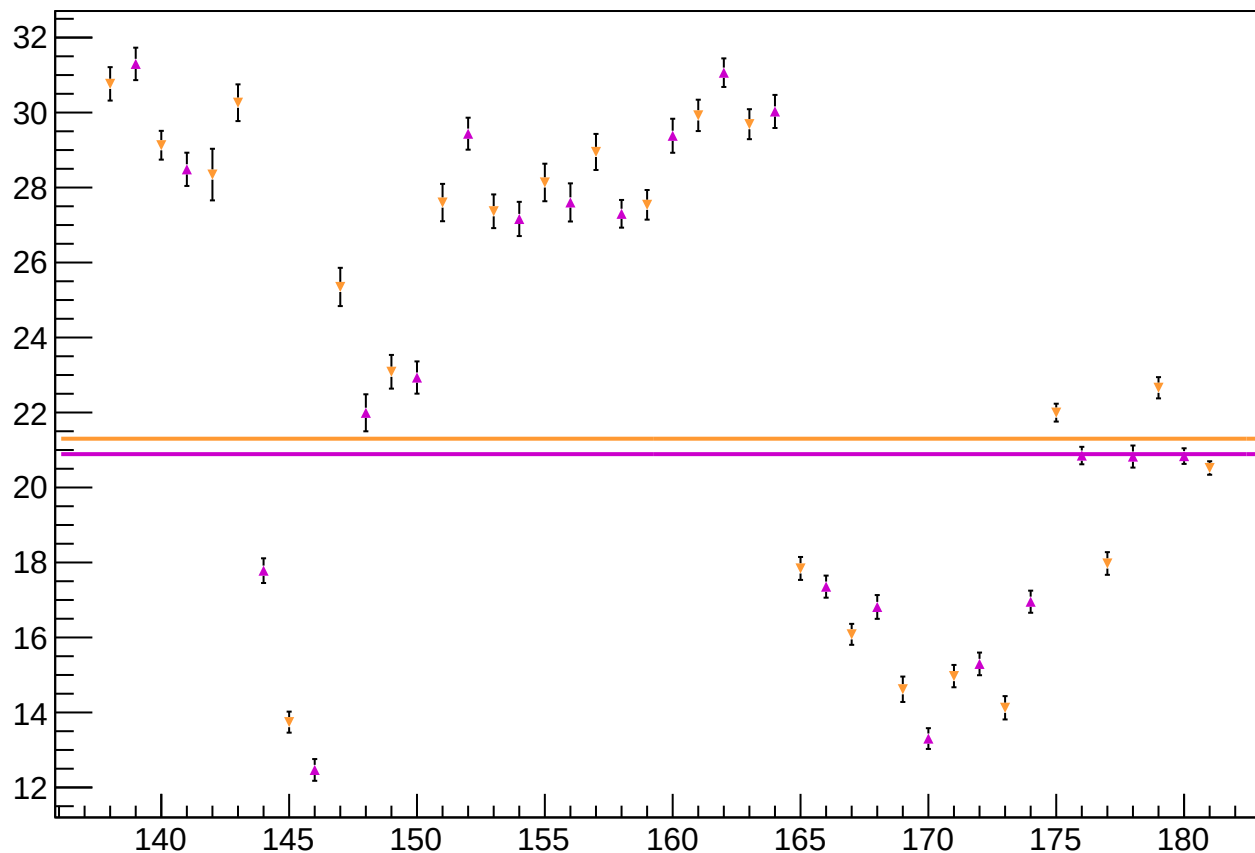
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.374+/-0.056 χ^2/NDF :1079.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.466+/-0.058 χ^2/NDF :1542.3/20

Left: -2.419+/-0.040 χ^2/NDF : 2622.6/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.466+/-0.058 χ^2/NDF :1542.3/20
 Out: -2.374+/-0.056 χ^2/NDF :1079.0/22

All: -2.419+/-0.040 χ^2/NDF : 2622.6/43

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: 21.301+/-0.071 χ^2/NDF : 6027.8/22
 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: 21.102+/-0.051 χ^2/NDF : 12014.0/43

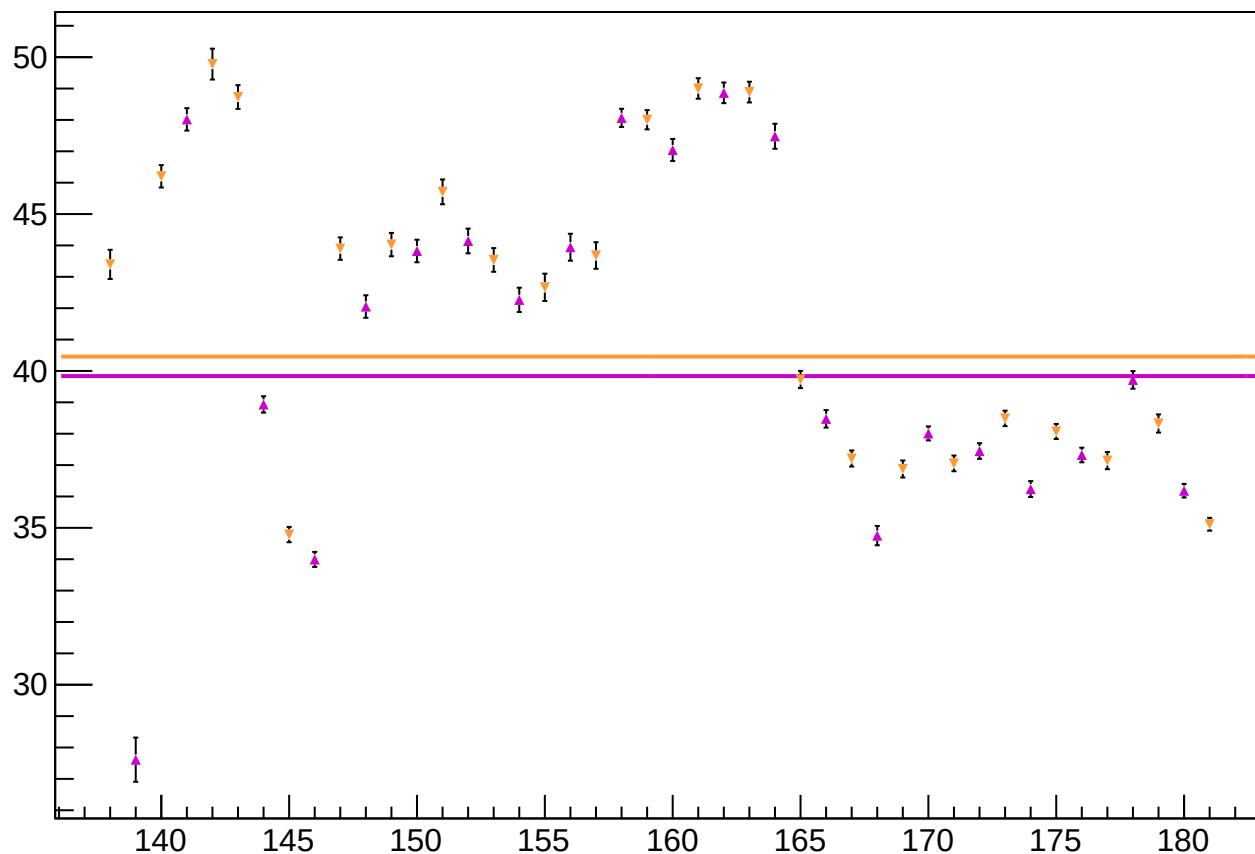
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 20.890+/-0.073 χ^2/NDF : 5969.6/20

Out: 21.301+/-0.071 χ^2/NDF : 6027.8/22

All: 21.102+/-0.051 χ^2/NDF : 12014.0/43

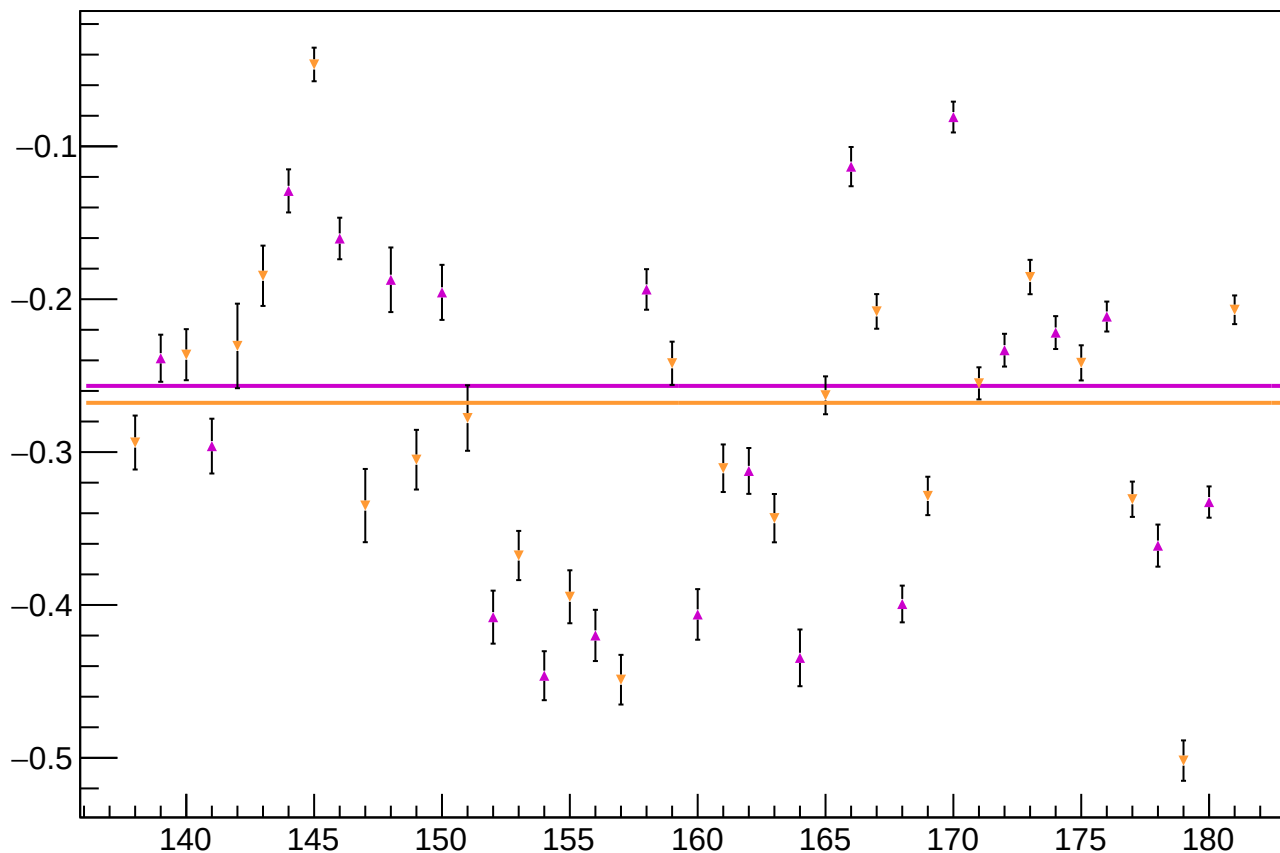
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 40.459 $\pm$ 0.063 χ^2/NDF :5704.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 39.836 $\pm$ 0.065 χ^2/NDF :5239.2/20

Left: 40.155 $\pm$ 0.045 χ^2/NDF : 10991.0/43
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 39.836 $\pm$ 0.065 χ^2/NDF :5239.2/20
 Out: 40.459 $\pm$ 0.063 χ^2/NDF :5704.4/22
 All: 40.155 $\pm$ 0.045 χ^2/NDF : 10991.0/43

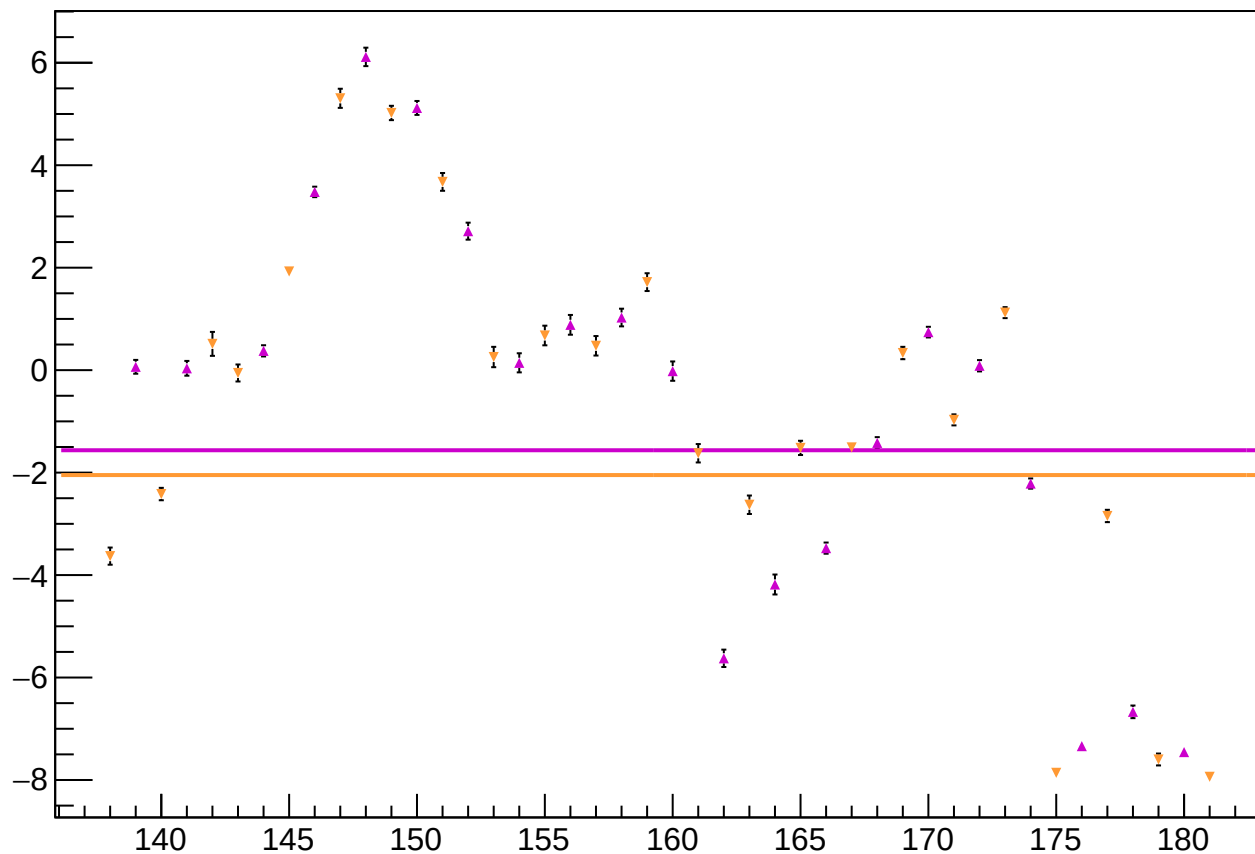
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.268 $\pm$ 0.003 χ^2/NDF :1190.6/22
 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: -0.262 $\pm$ 0.002 χ^2/NDF : 2599.3/43
 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: -0.268 $\pm$ 0.003 χ^2/NDF :1190.6/22
 All: -0.262 $\pm$ 0.002 χ^2/NDF : 2599.3/43

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected

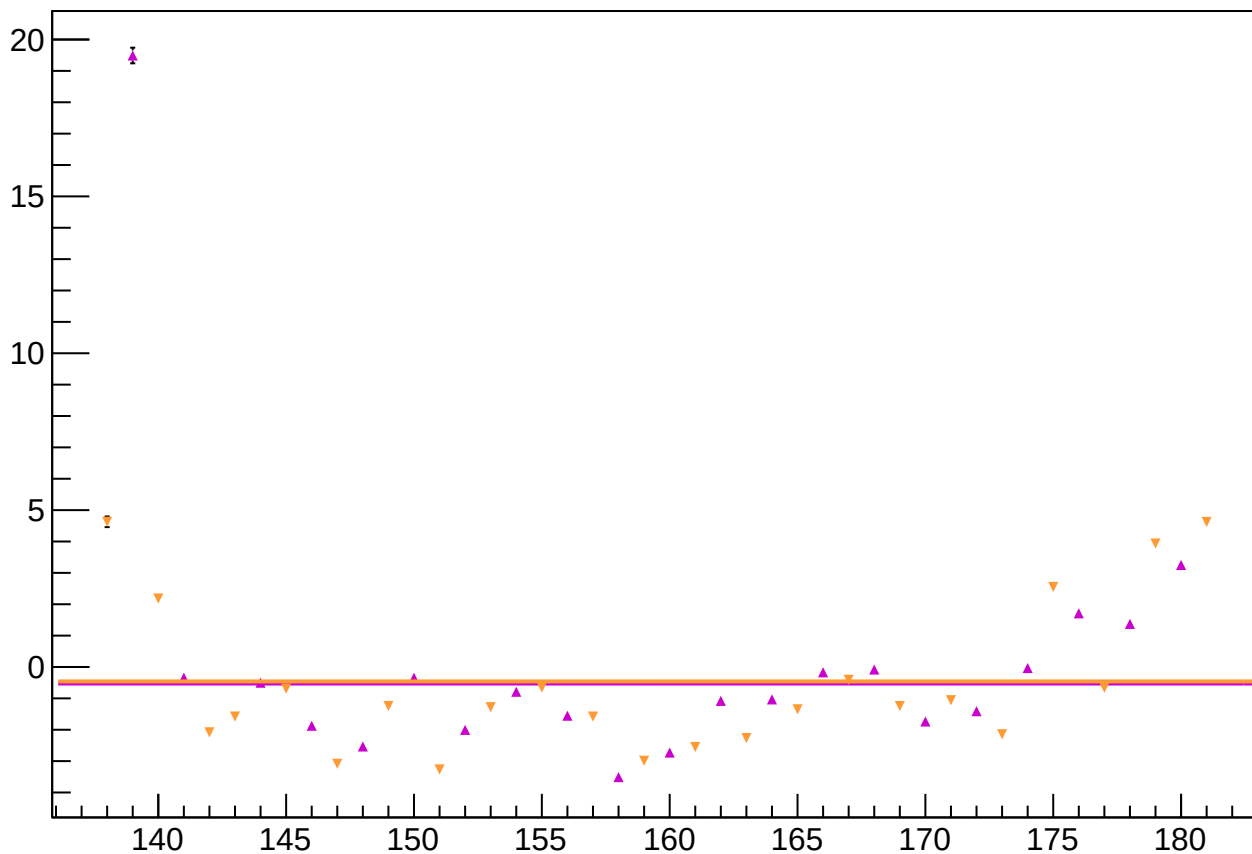


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.048+/-0.027 χ^2/NDF :22136.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.564+/-0.027 χ^2/NDF :20142.0/20

Left: -1.812+/-0.019 χ^2/NDF : 42438.0/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.564+/-0.027 χ^2/NDF :20142.0/20
 Out: -2.048+/-0.027 χ^2/NDF :22136.7/22

All: -1.812+/-0.019 χ^2/NDF : 42438.0/43

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected

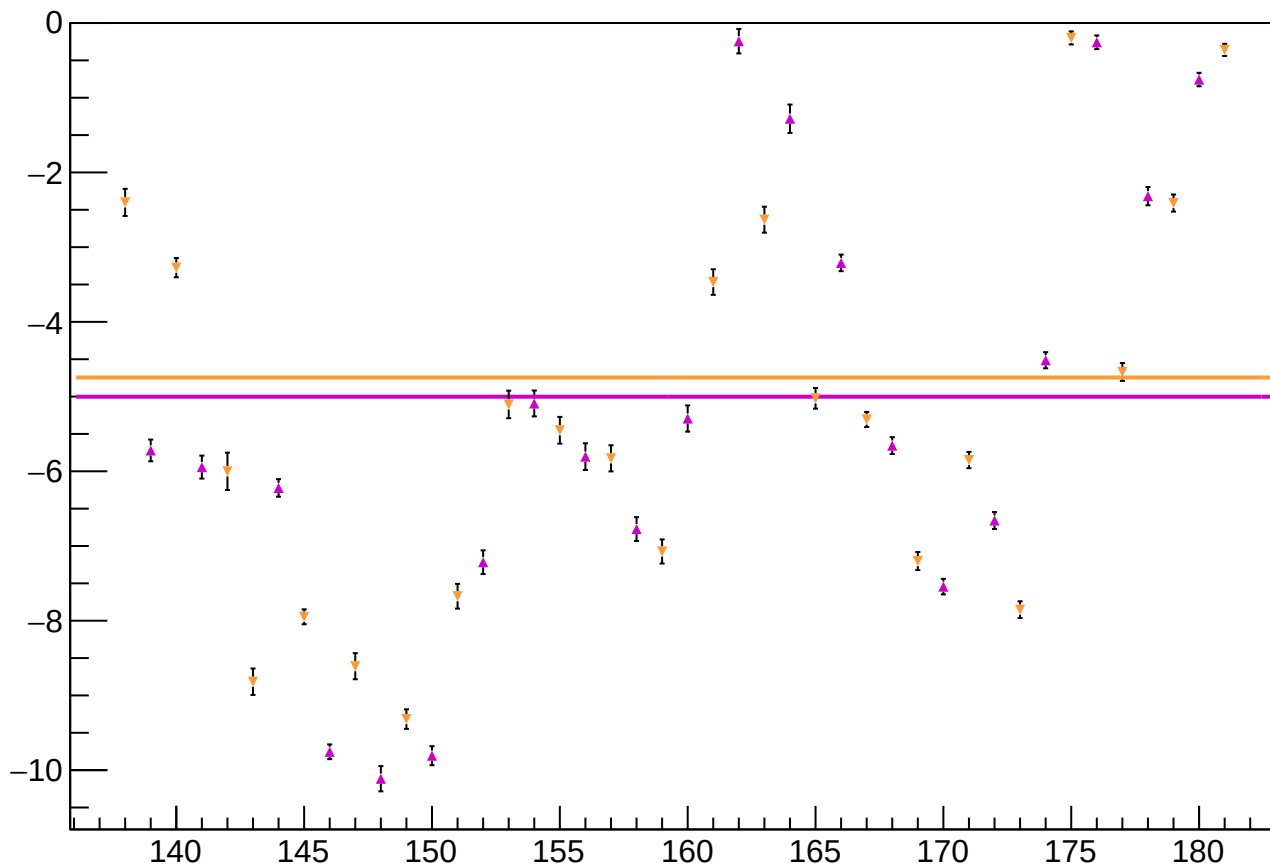


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.460+/-0.021 χ^2/NDF :11561.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.527+/-0.022 χ^2/NDF :11751.3/20

Left: -0.493+/-0.015 χ^2/NDF : 23317.9/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.527+/-0.022 χ^2/NDF :11751.3/20
 Out: -0.460+/-0.021 χ^2/NDF :11561.7/22

All: -0.493+/-0.015 χ^2/NDF : 23317.9/43

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



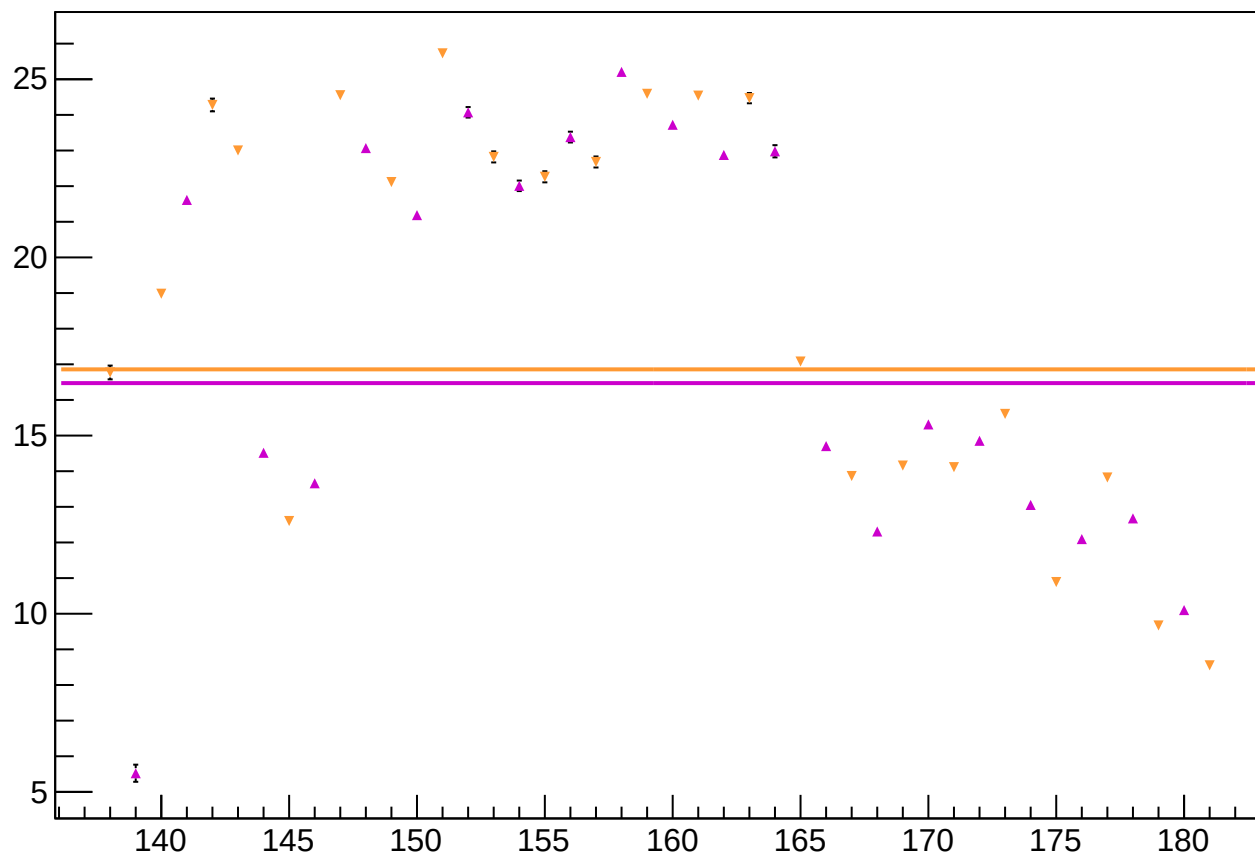
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.745 $\pm$ 0.027 χ^2 /NDF:11719.8/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.002 $\pm$ 0.027 χ^2 /NDF:12948.0/20

Left: -4.871 $\pm$ 0.019 χ^2 /NDF: 24712.6/43
 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: -4.745 $\pm$ 0.027 χ^2 /NDF:11719.8/22

All: -4.871 $\pm$ 0.019 χ^2 /NDF: 24712.6/43

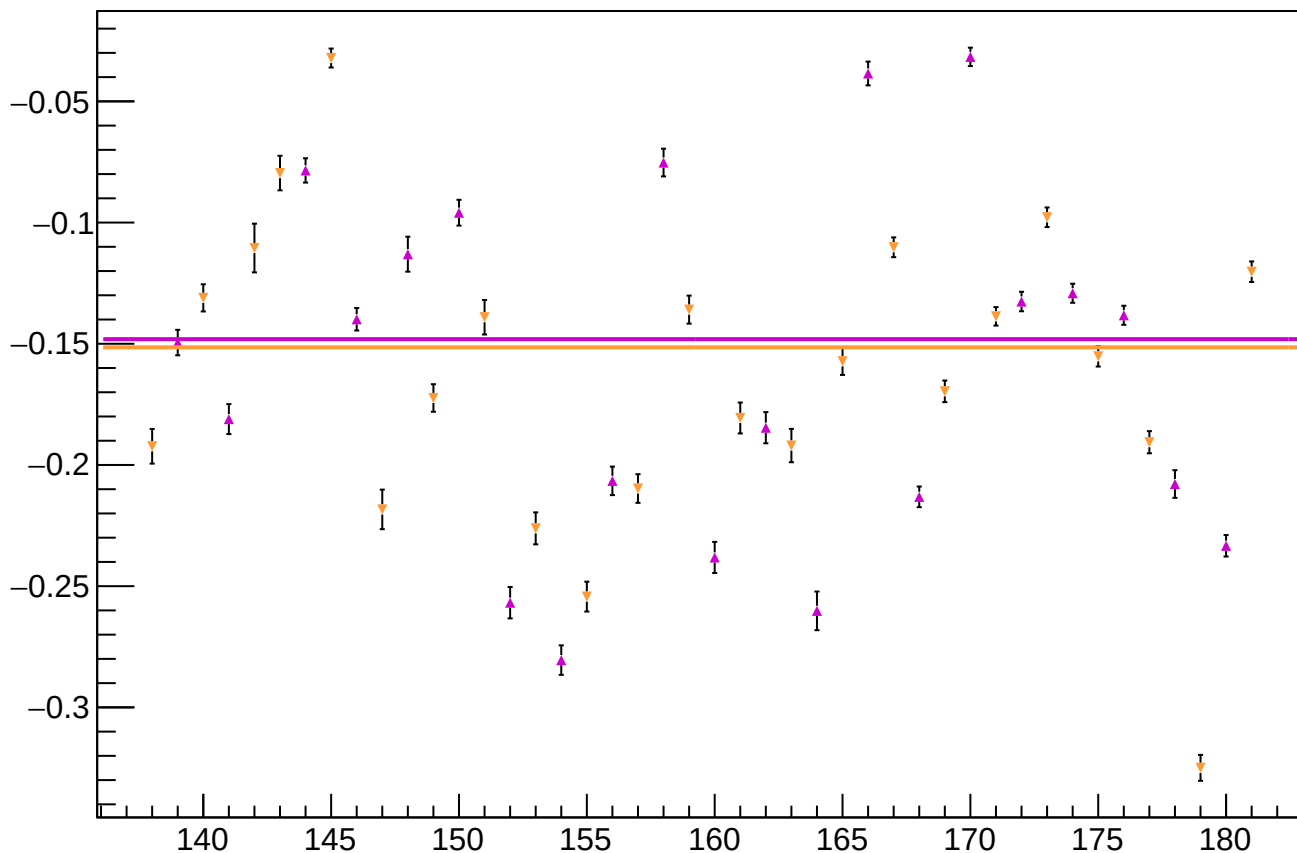
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 16.858 $\pm$ 0.024 χ^2/NDF :51286.3/22
 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: 16.669 $\pm$ 0.017 χ^2/NDF : 90394.2/43
 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: 16.858 $\pm$ 0.024 χ^2/NDF :51286.3/22
 All: 16.669 $\pm$ 0.017 χ^2/NDF : 90394.2/43

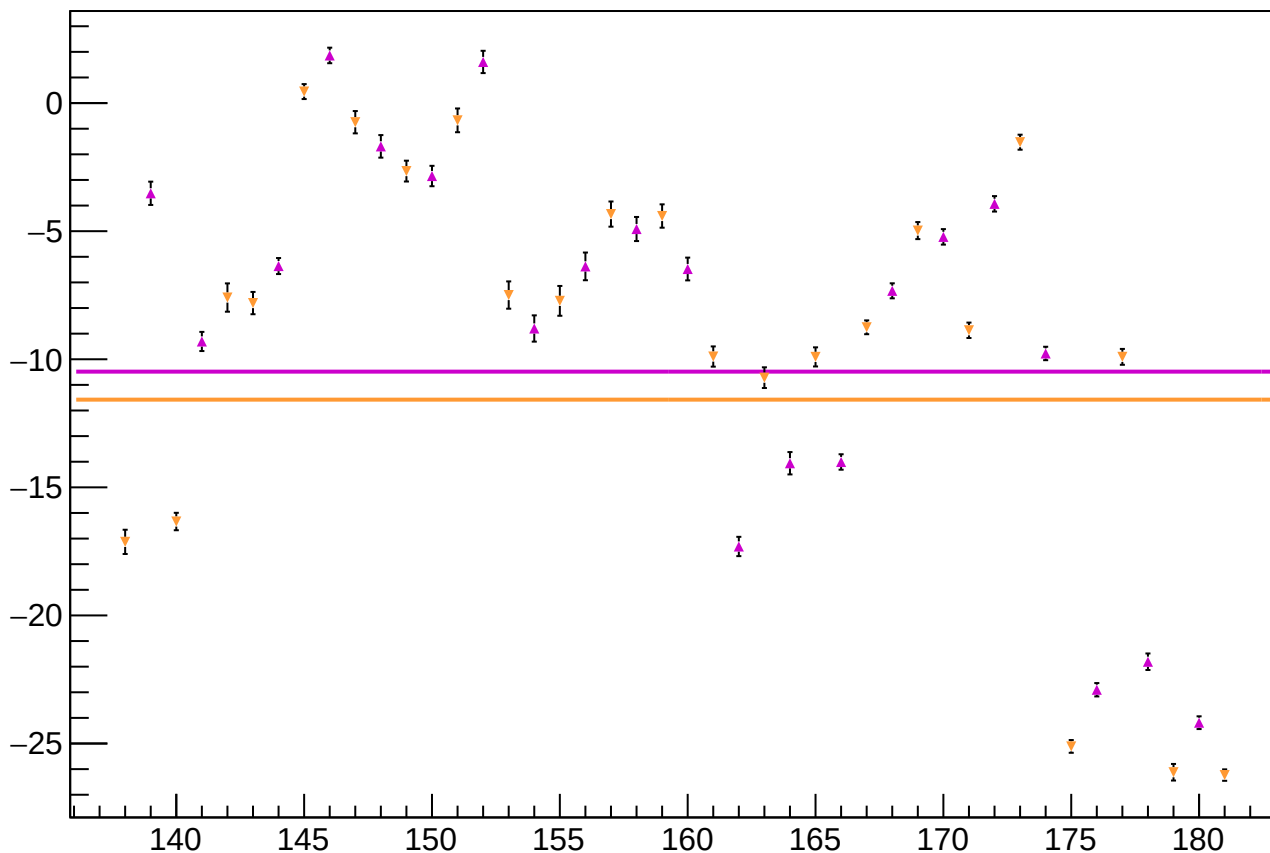
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 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: -0.150+/-0.001 χ^2/NDF : 7227.1/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.148+/-0.001 χ^2/NDF : 3986.6/20
 Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 All: -0.150+/-0.001 χ^2/NDF : 7227.1/43

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.576+/-0.073 χ^2/NDF :15489.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.483+/-0.075 χ^2/NDF :11856.8/20

Left: -11.041+/-0.052 χ^2/NDF : 27454.9/43

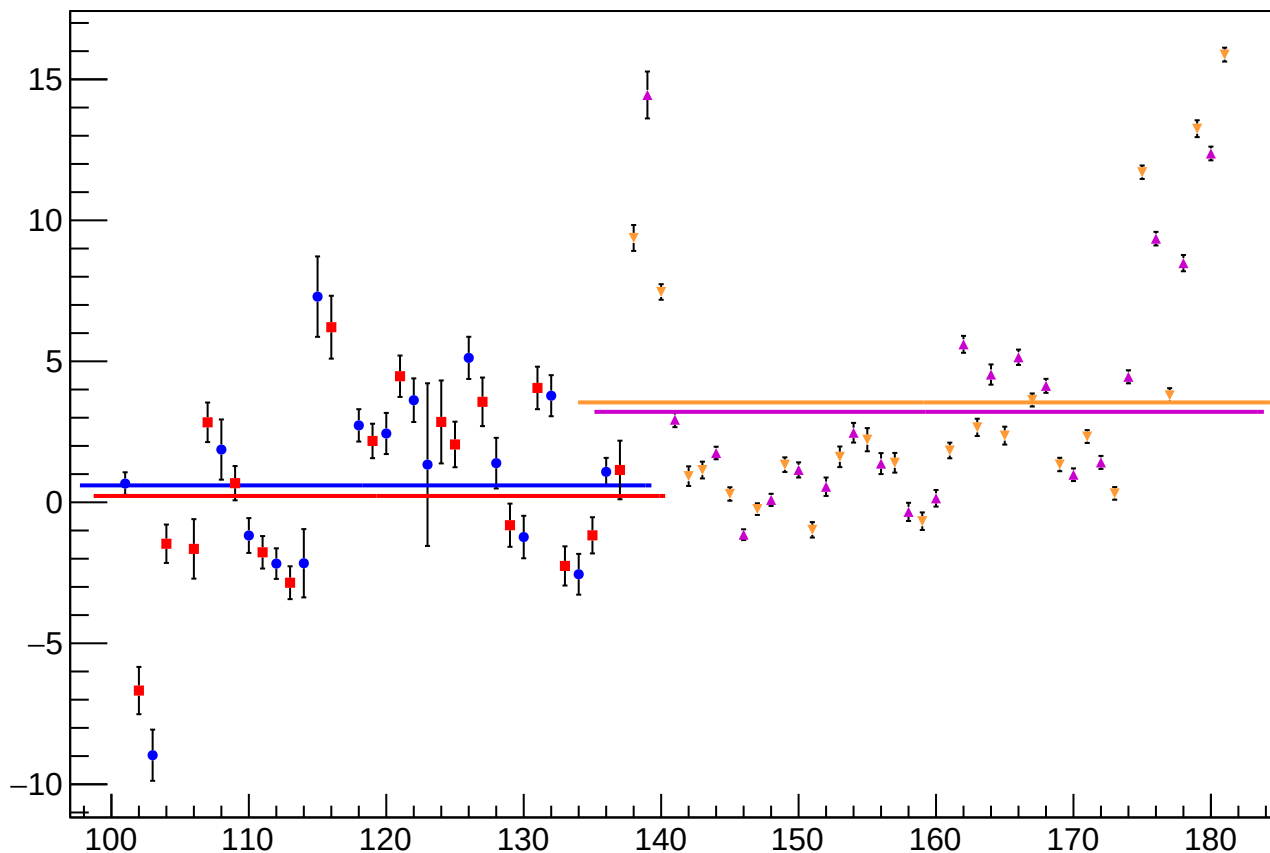
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.483+/-0.075 χ^2/NDF :11856.8/20

Out: -11.576+/-0.073 χ^2/NDF :15489.2/22

All: -11.041+/-0.052 χ^2/NDF : 27454.9/43

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2 /NDF: 291.9/16

Left Out: 3.543 $\pm$ 0.057 χ^2 /NDF:6712.2/22

Right Out: 0.225 $\pm$ 0.175 χ^2 /NDF: 273.2/17

Left In: 3.208 $\pm$ 0.058 χ^2 /NDF:4062.9/20

Left: 3.379 $\pm$ 0.041 χ^2 /NDF: 10791.9/43

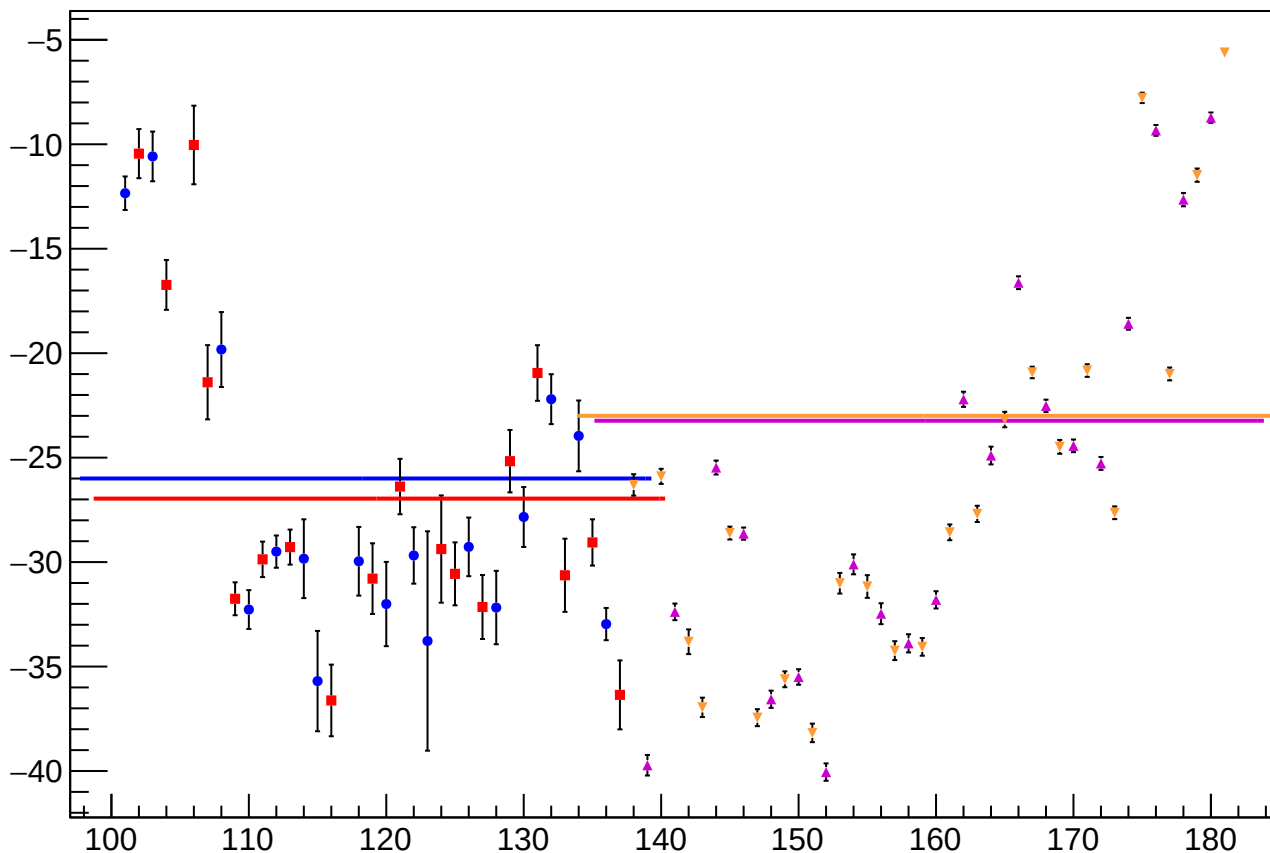
Right: 0.418 $\pm$ 0.122 χ^2 /NDF: 567.5/34

In: 2.933 $\pm$ 0.055 χ^2 /NDF:4567.3/37

Out: 3.224 $\pm$ 0.054 χ^2 /NDF:7311.1/40

All: 3.081 $\pm$ 0.039 χ^2 /NDF: 11892.6/78

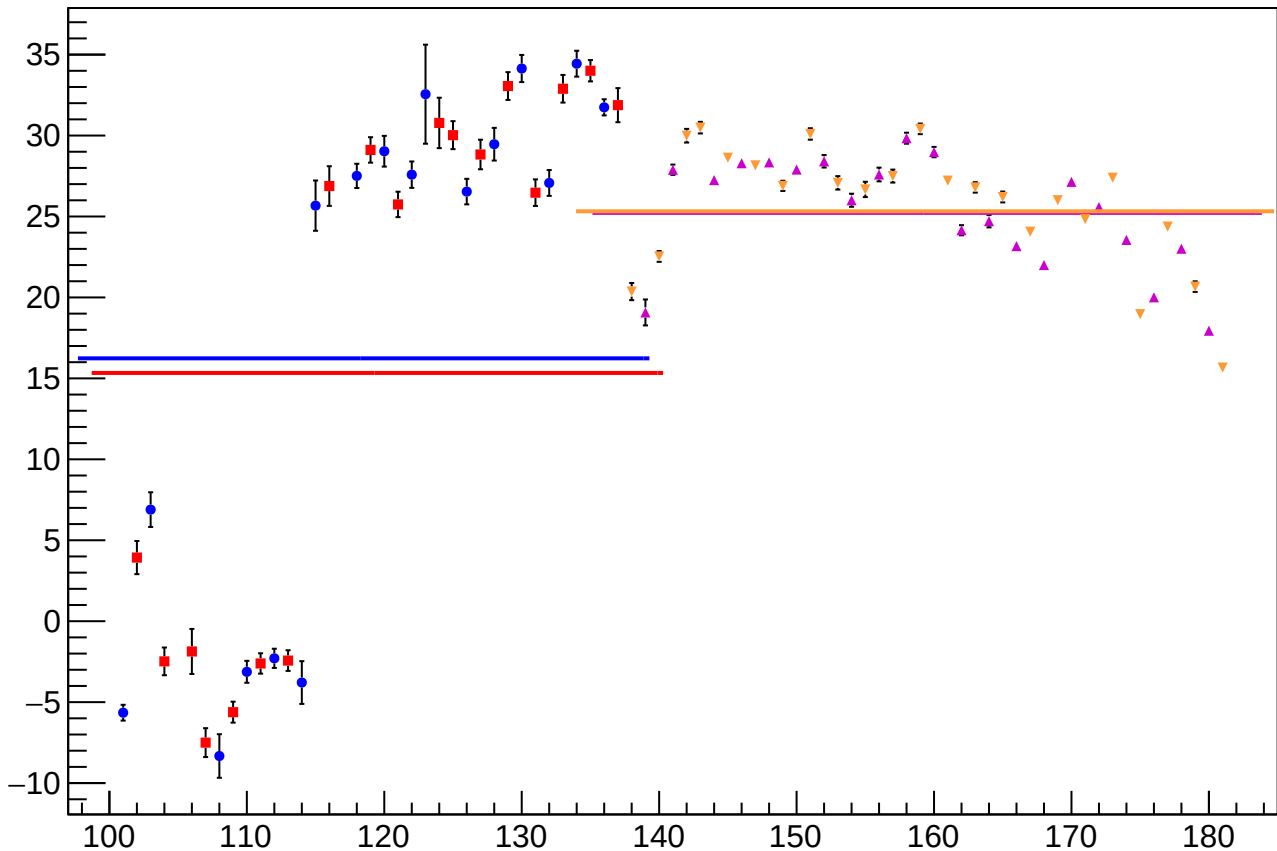
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -22.998 ± 0.074 χ^2/NDF : 18400.4/22
 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: -23.114 ± 0.052 χ^2/NDF : 34019.7/43
 Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34
 In: -23.395 ± 0.072 χ^2/NDF : 16386.7/37
 Out: -23.225 ± 0.071 χ^2/NDF : 19102.2/40
 All: -23.309 ± 0.051 χ^2/NDF : 35491.7/78

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: 25.321 $\pm$ 0.065 χ^2 /NDF:3608.9/22

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: 25.273 $\pm$ 0.046 χ^2 /NDF: 6111.0/43

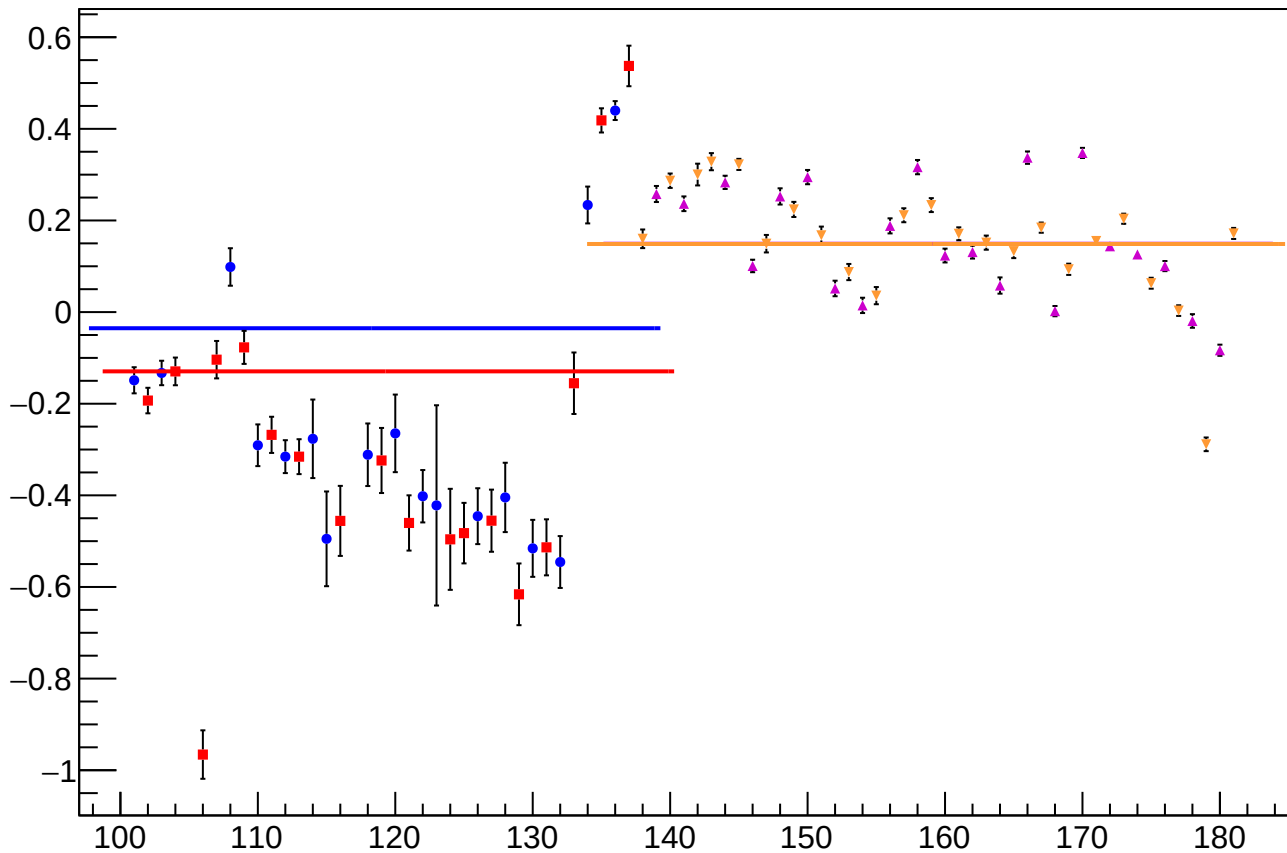
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.275 $\pm$ 0.062 χ^2 /NDF:12052.8/37

Out: 24.355 $\pm$ 0.061 χ^2 /NDF:13185.8/40

All: 24.315 $\pm$ 0.044 χ^2 /NDF: 25239.4/78

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: 0.149 ± 0.003 χ^2/NDF : 1663.5/22

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: 0.149 ± 0.002 χ^2/NDF : 3403.9/43

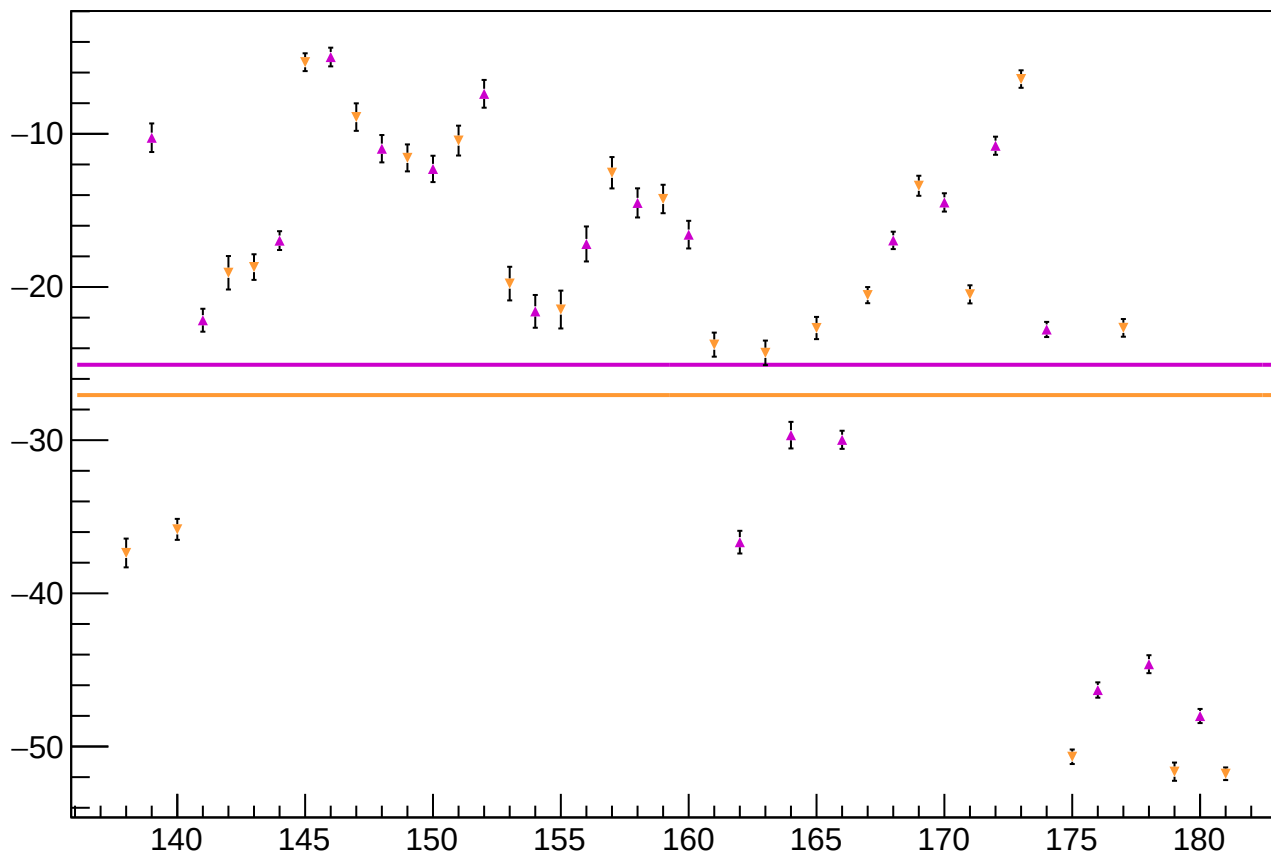
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.135 ± 0.003 χ^2/NDF : 3048.2/37

Out: 0.128 ± 0.003 χ^2/NDF : 3486.8/40

All: 0.131 ± 0.002 χ^2/NDF : 6538.2/78

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: -27.056+/-0.143 χ^2/NDF :13208.6/22

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: -26.090+/-0.102 χ^2/NDF : 22791.7/43

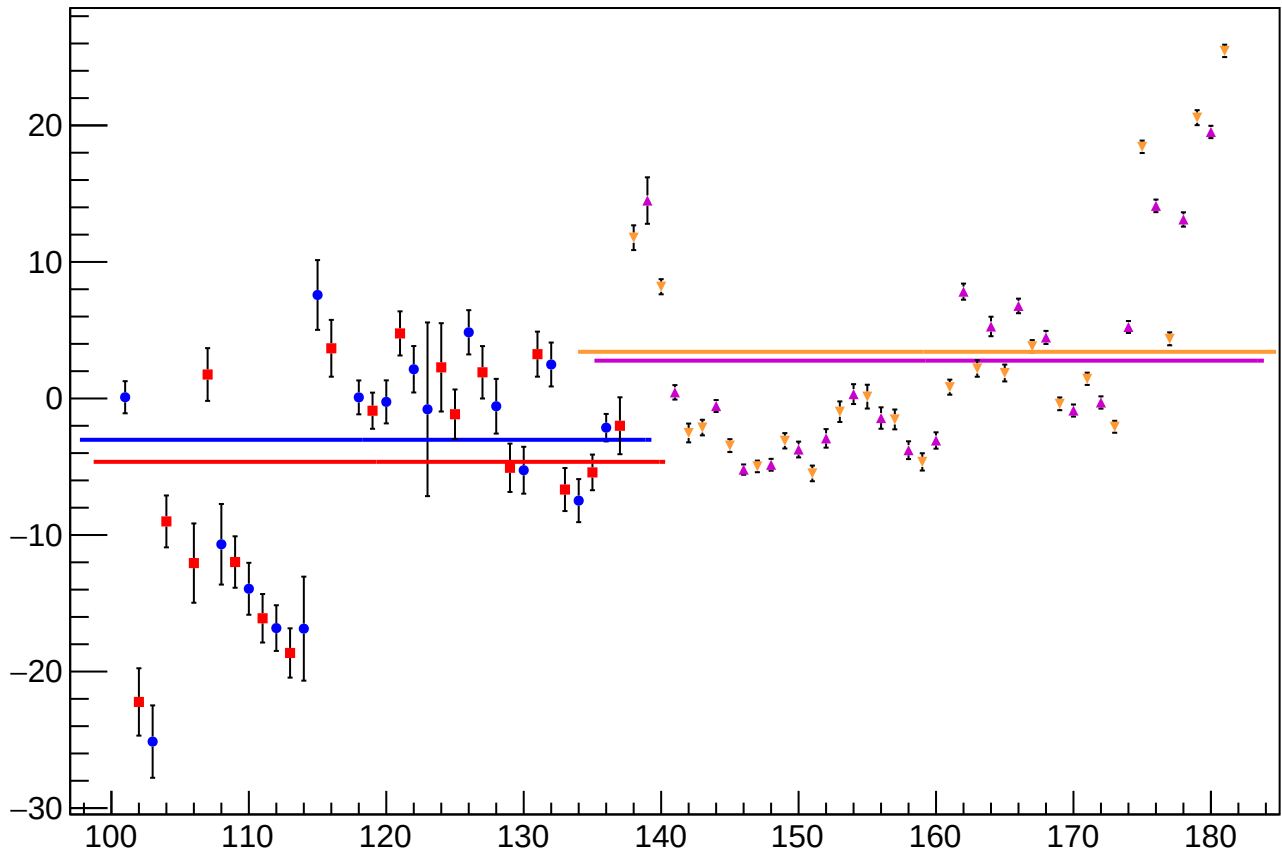
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.077+/-0.147 χ^2/NDF :9489.9/20

Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

All: -26.090+/-0.102 χ^2/NDF : 22791.7/43

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: 3.419 ± 0.113 χ^2/NDF : 6244.0/22

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: 3.100 ± 0.080 χ^2/NDF : 10236.0/43

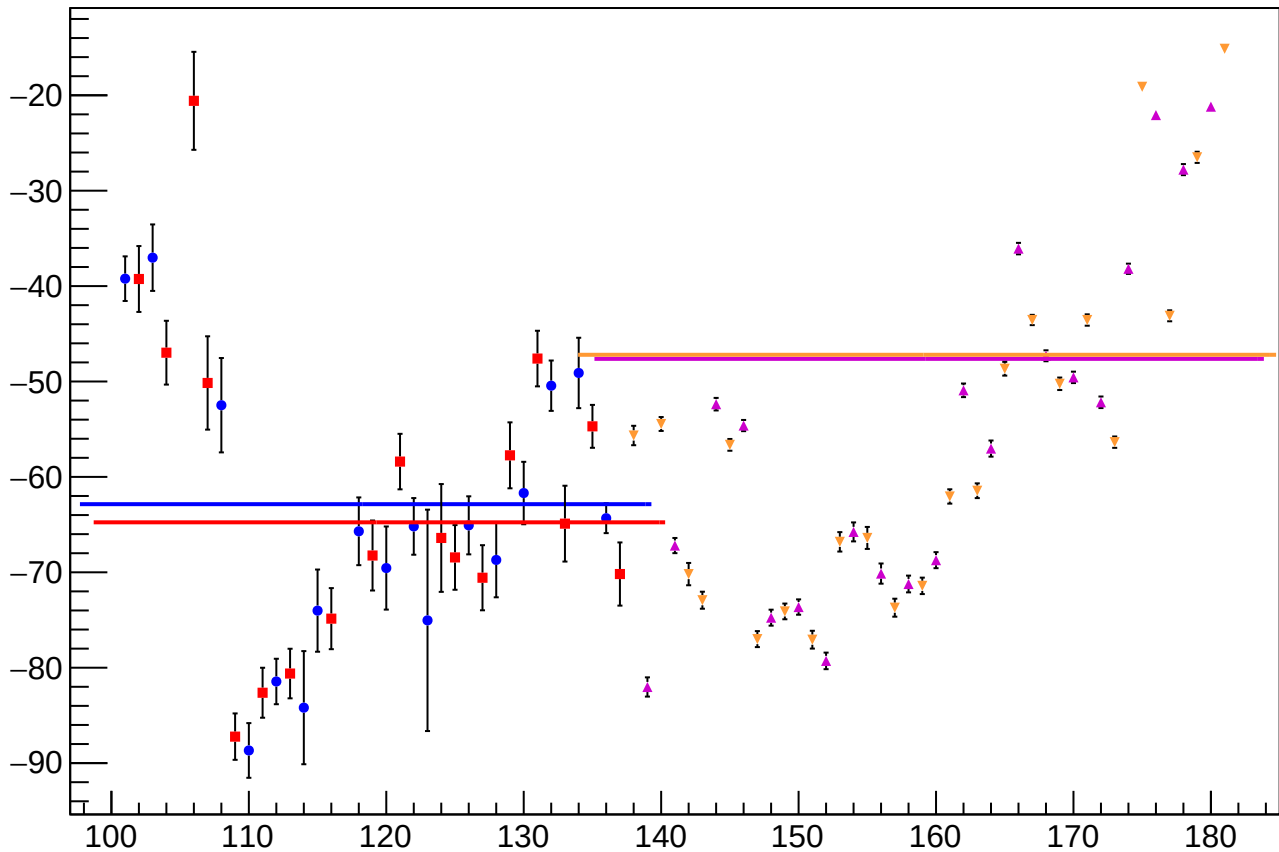
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 2.348 ± 0.110 χ^2/NDF : 4443.3/37

Out: 2.895 ± 0.109 χ^2/NDF : 6872.5/40

All: 2.625 ± 0.077 χ^2/NDF : 11328.3/78

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -47.200 ± 0.144 χ^2/NDF : 18653.8/22

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -47.628 ± 0.147 χ^2/NDF : 15544.6/20

Left: -47.410 ± 0.103 χ^2/NDF : 34202.8/43

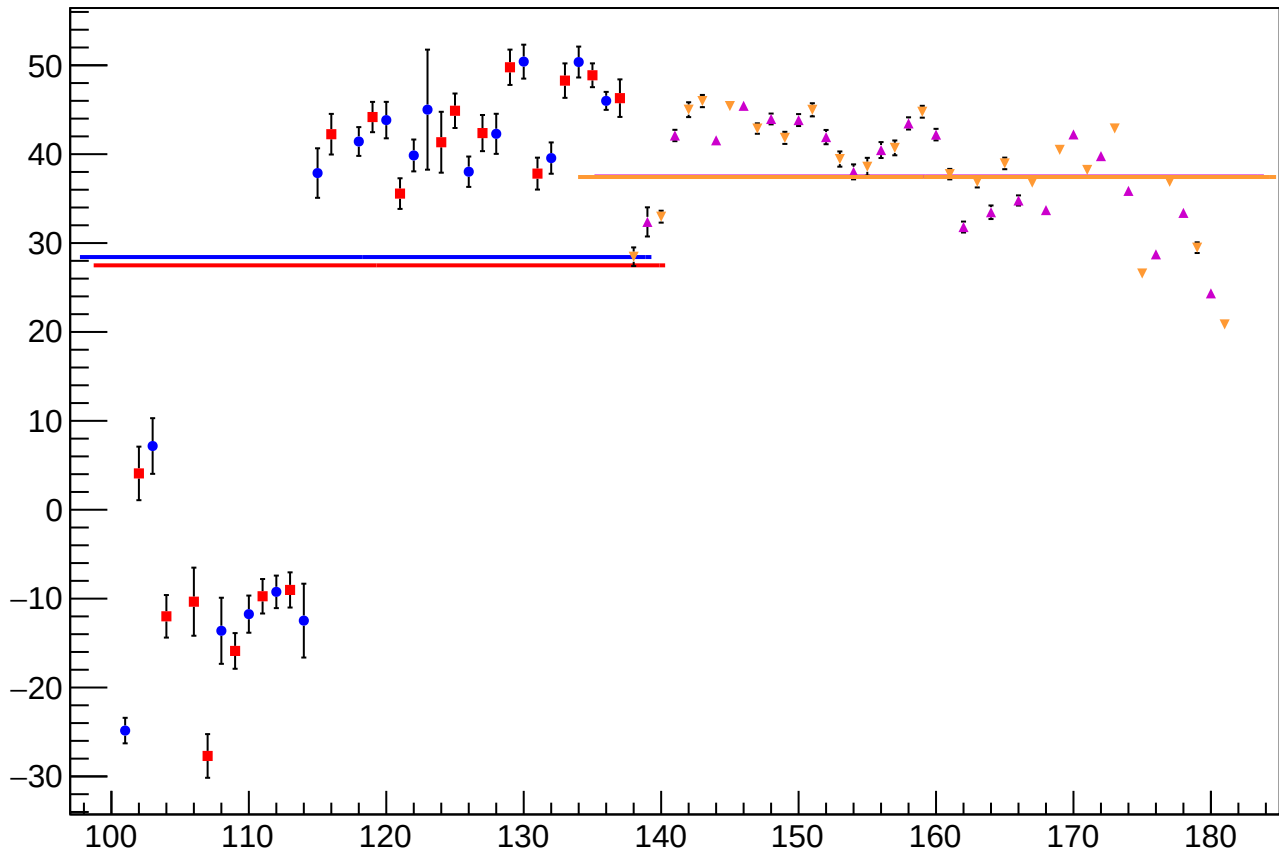
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -48.204 ± 0.144 χ^2/NDF : 16321.1/37

Out: -47.819 ± 0.141 χ^2/NDF : 19594.7/40

All: -48.008 ± 0.101 χ^2/NDF : 35919.4/78

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: 37.430 $\pm$ 0.127 χ^2 /NDF:2972.1/22

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: 37.460 $\pm$ 0.091 χ^2 /NDF: 5171.5/43

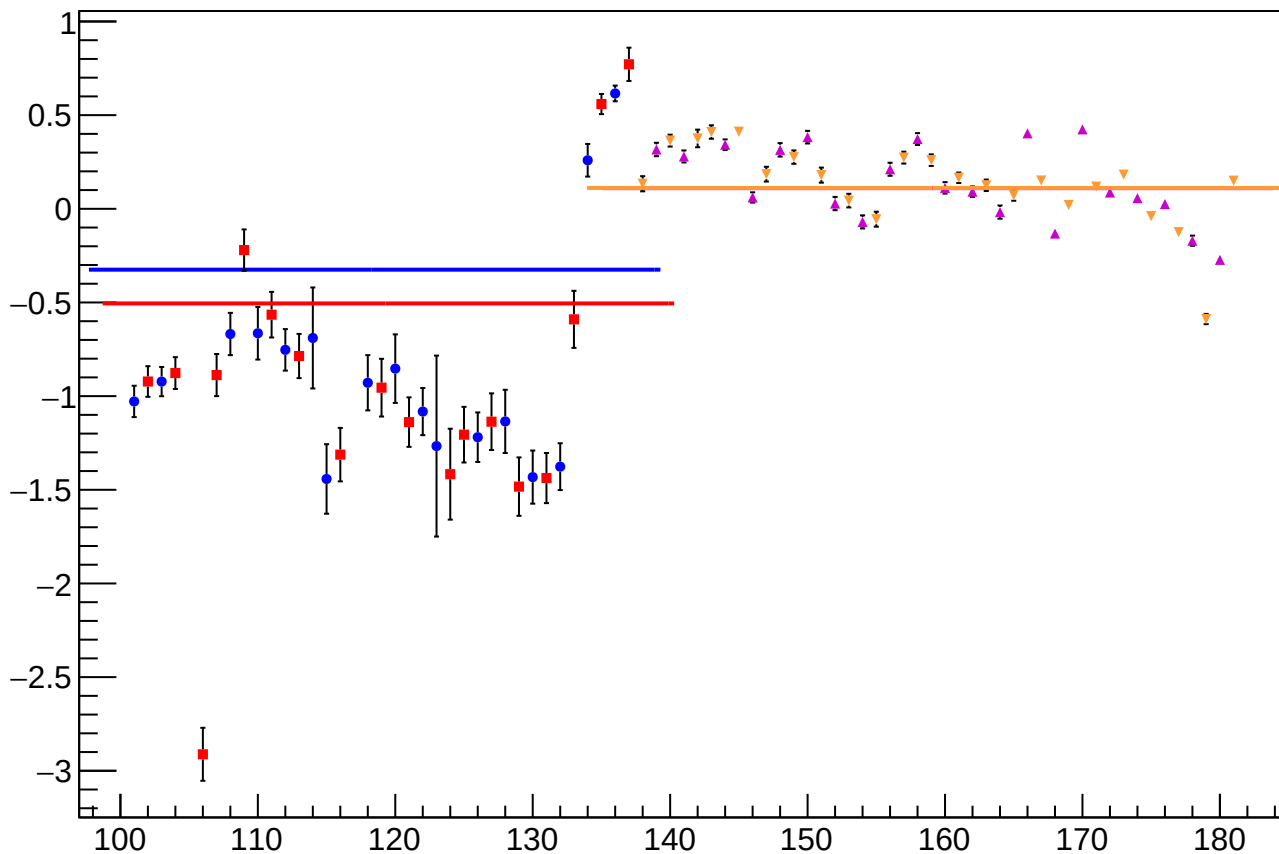
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.822 $\pm$ 0.124 χ^2 /NDF:5884.9/37

Out: 36.776 $\pm$ 0.123 χ^2 /NDF:6402.3/40

All: 36.799 $\pm$ 0.087 χ^2 /NDF: 12287.3/78

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: 0.111 ± 0.006 χ^2/NDF : 1266.8/22

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: 0.111 ± 0.004 χ^2/NDF : 2488.0/43

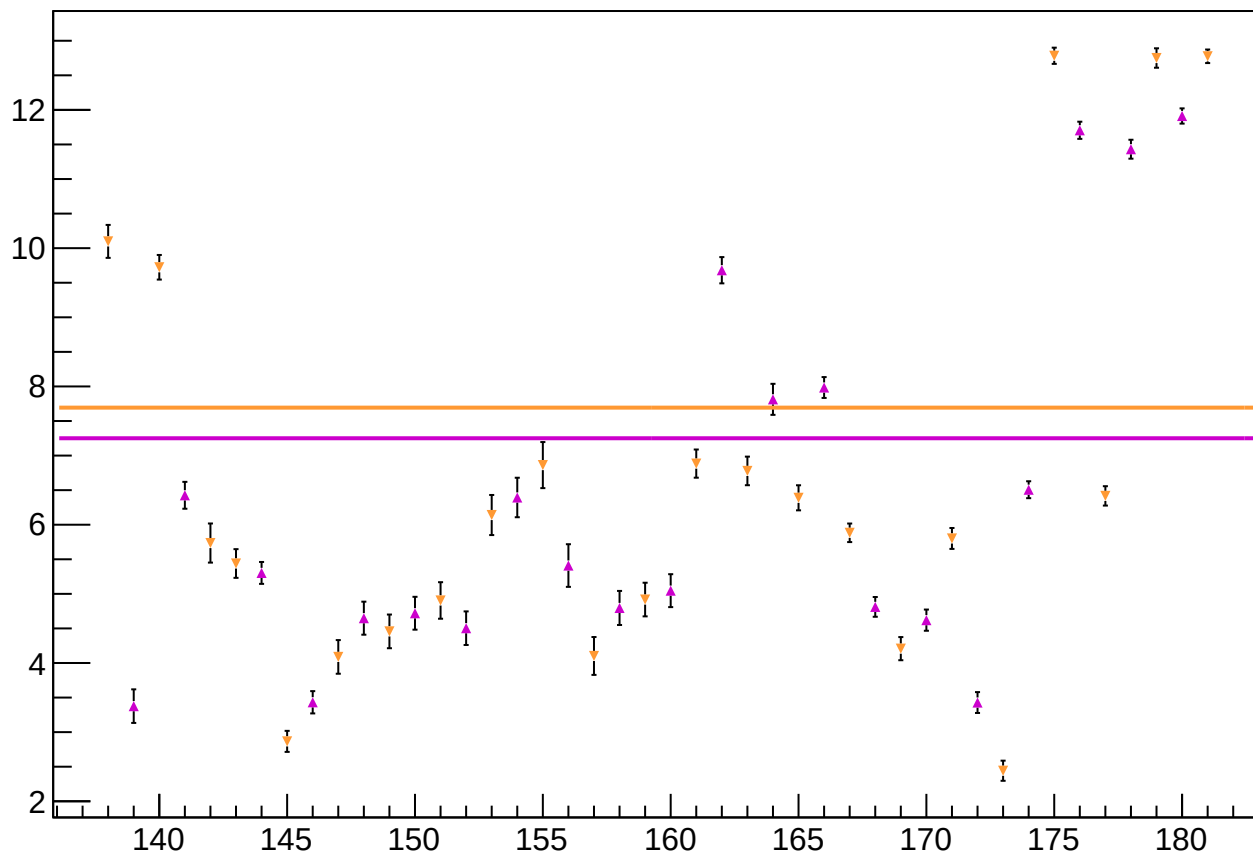
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.087 ± 0.006 χ^2/NDF : 2521.6/37

Out: 0.081 ± 0.006 χ^2/NDF : 2974.2/40

All: 0.084 ± 0.004 χ^2/NDF : 5496.3/78

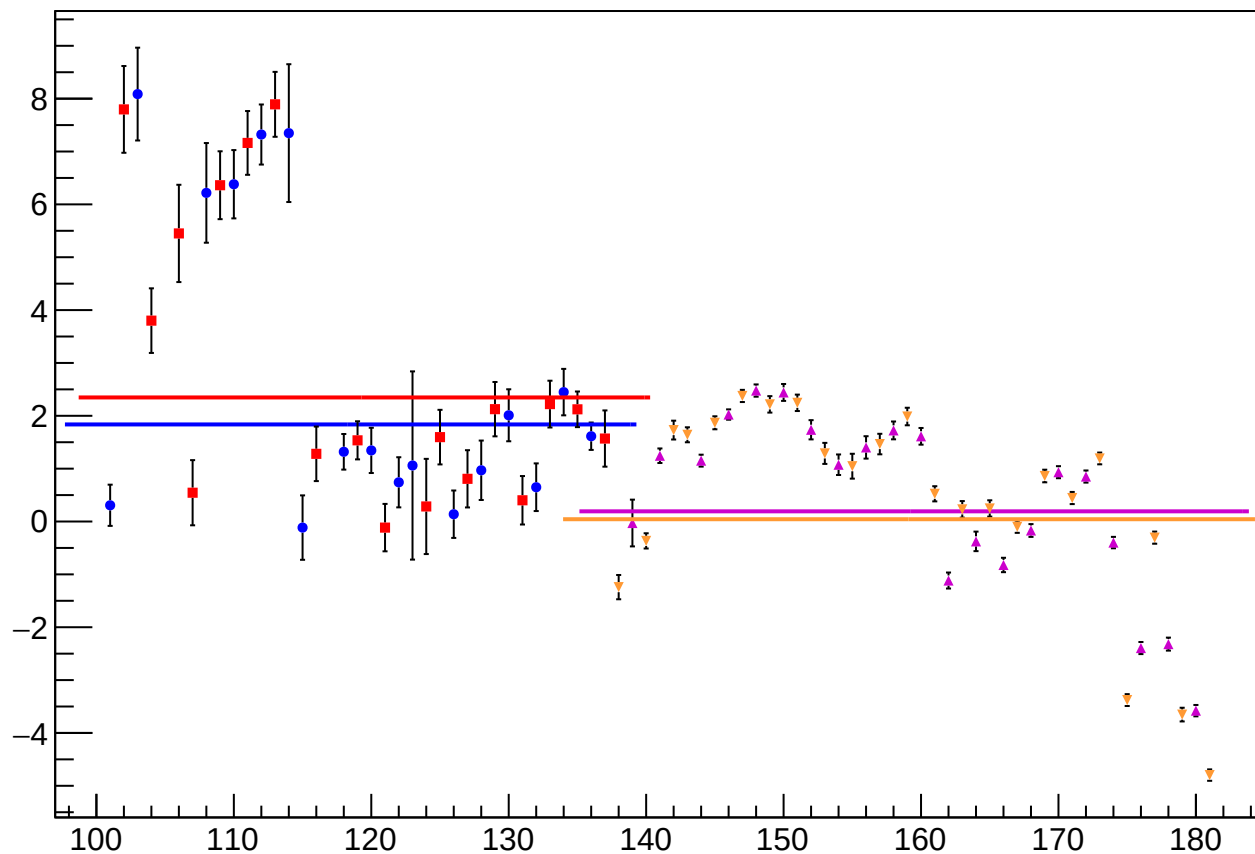
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.694 $\pm$ 0.036 χ^2 /NDF:10362.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.251 $\pm$ 0.037 χ^2 /NDF:7044.3/20

Left: 7.478 $\pm$ 0.026 χ^2 /NDF: 17479.5/43
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.251 $\pm$ 0.037 χ^2 /NDF:7044.3/20
 Out: 7.694 $\pm$ 0.036 χ^2 /NDF:10362.1/22
 All: 7.478 $\pm$ 0.026 χ^2 /NDF: 17479.5/43

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: 0.043 ± 0.029 $\chi^2/\text{NDF}: 5467.2/22$

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: 0.117 ± 0.020 $\chi^2/\text{NDF}: 9243.8/43$

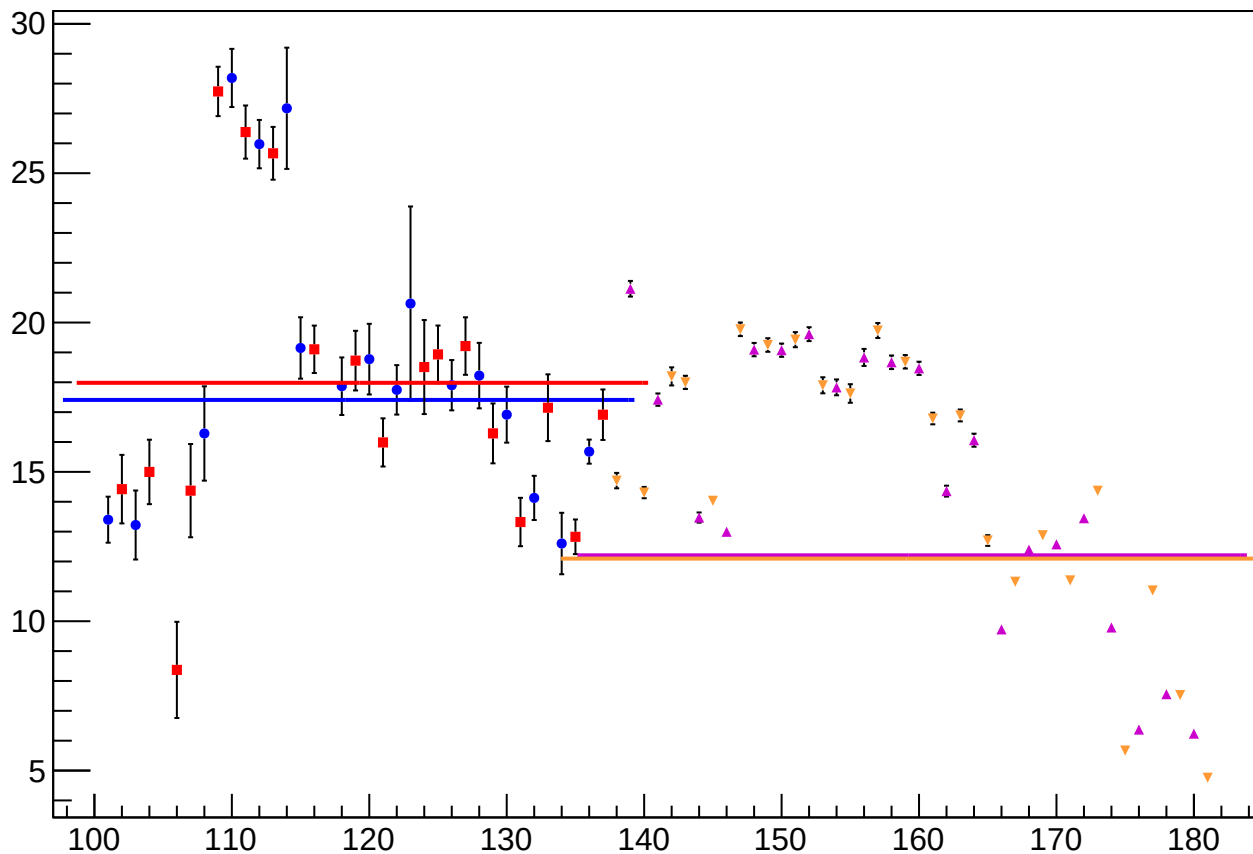
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.290 ± 0.028 $\chi^2/\text{NDF}: 4245.8/37$

Out: 0.163 ± 0.028 $\chi^2/\text{NDF}: 6132.1/40$

All: 0.226 ± 0.020 $\chi^2/\text{NDF}: 10388.0/78$

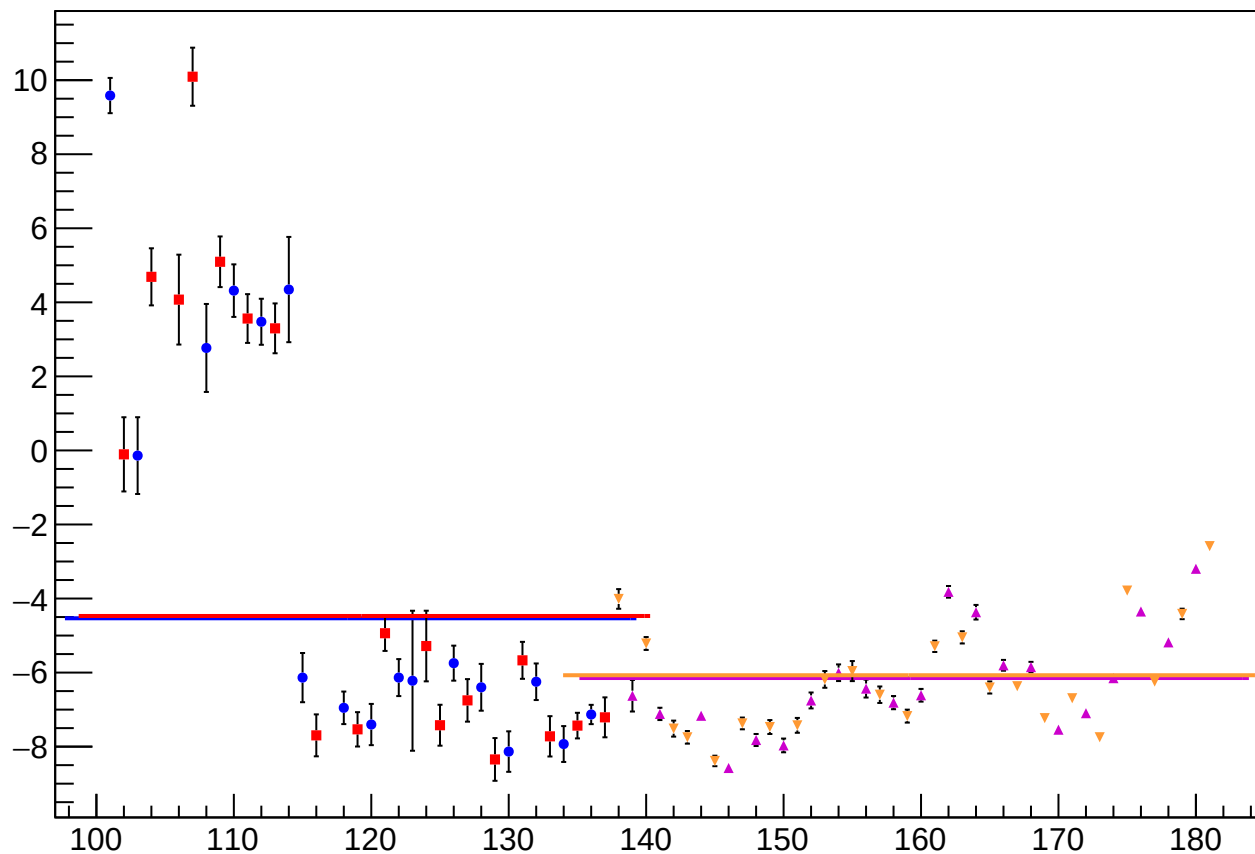
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 12.096 ± 0.036 $\chi^2/\text{NDF}: 17813.2/22$
 Right Out: 17.982 ± 0.219 $\chi^2/\text{NDF}: 490.7/17$
 Left In: 12.207 ± 0.037 $\chi^2/\text{NDF}: 14886.1/20$

Left: 12.150 ± 0.026 $\chi^2/\text{NDF}: 32703.8/43$
 Right: 17.686 ± 0.152 $\chi^2/\text{NDF}: 859.3/34$
 In: 12.362 ± 0.037 $\chi^2/\text{NDF}: 15835.6/37$
 Out: 12.254 ± 0.036 $\chi^2/\text{NDF}: 19005.0/40$
 All: 12.307 ± 0.026 $\chi^2/\text{NDF}: 34845.1/78$

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: -6.072 ± 0.032 χ^2/NDF : 2494.6/22

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: -6.109 ± 0.023 χ^2/NDF : 4630.7/43

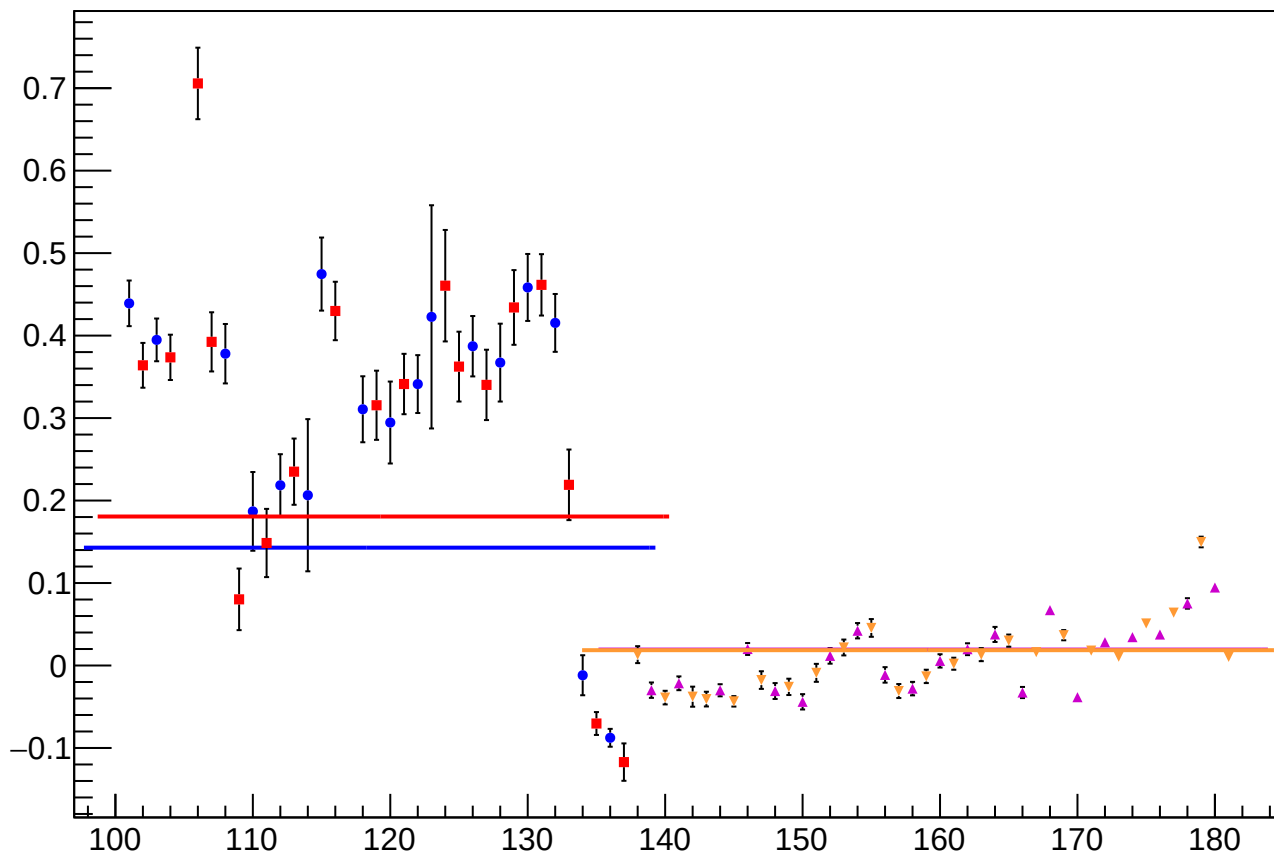
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.049 ± 0.032 χ^2/NDF : 3867.3/37

Out: -5.987 ± 0.031 χ^2/NDF : 3963.4/40

All: -6.018 ± 0.022 χ^2/NDF : 7832.6/78

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 ± 0.001 $\chi^2/\text{NDF}: 845.3/22$

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 $\chi^2/\text{NDF}: 1611.1/43$

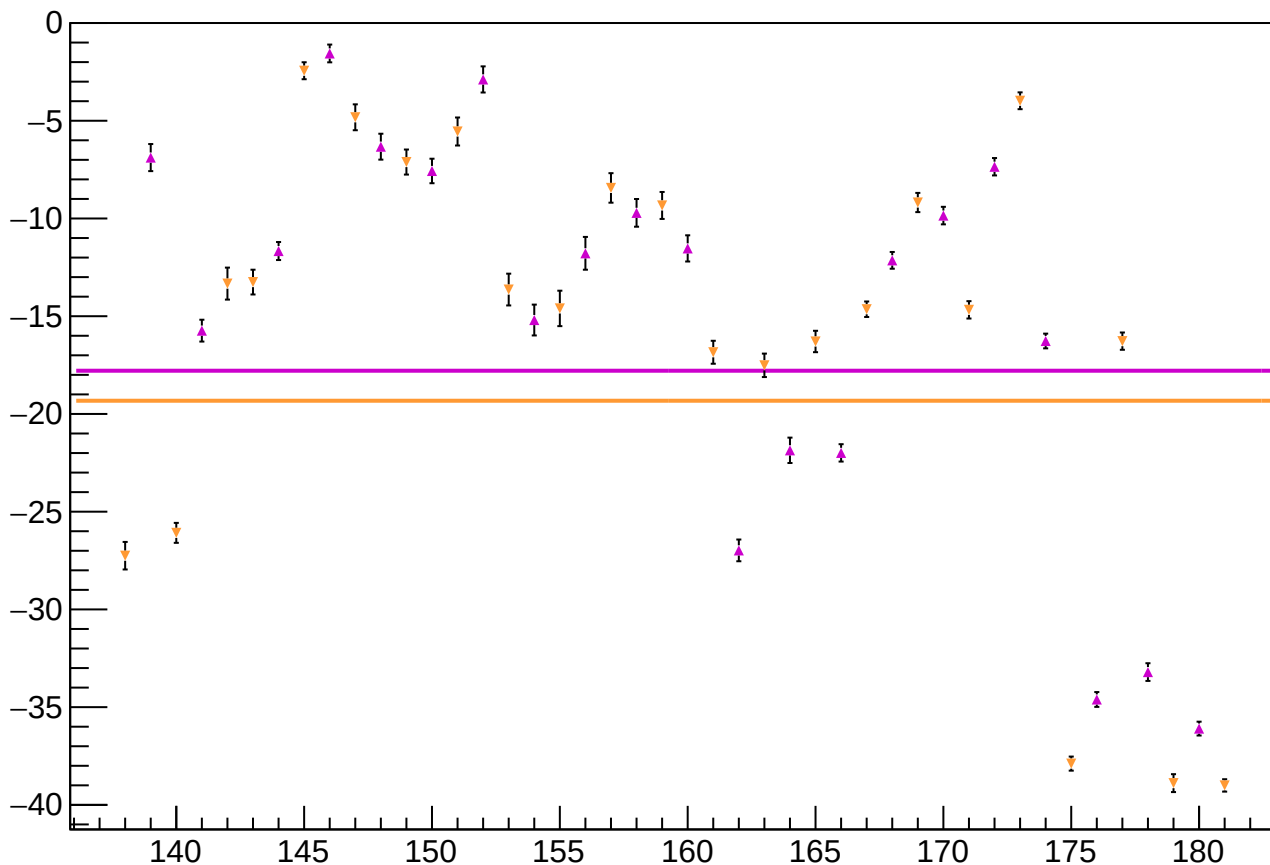
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.025 ± 0.001 $\chi^2/\text{NDF}: 2117.9/37$

Out: 0.025 ± 0.001 $\chi^2/\text{NDF}: 2309.6/40$

All: 0.025 ± 0.001 $\chi^2/\text{NDF}: 4427.5/78$

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: -19.324+/-0.108 χ^2/NDF :14049.0/22

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: -18.574+/-0.077 χ^2/NDF : 24454.6/43

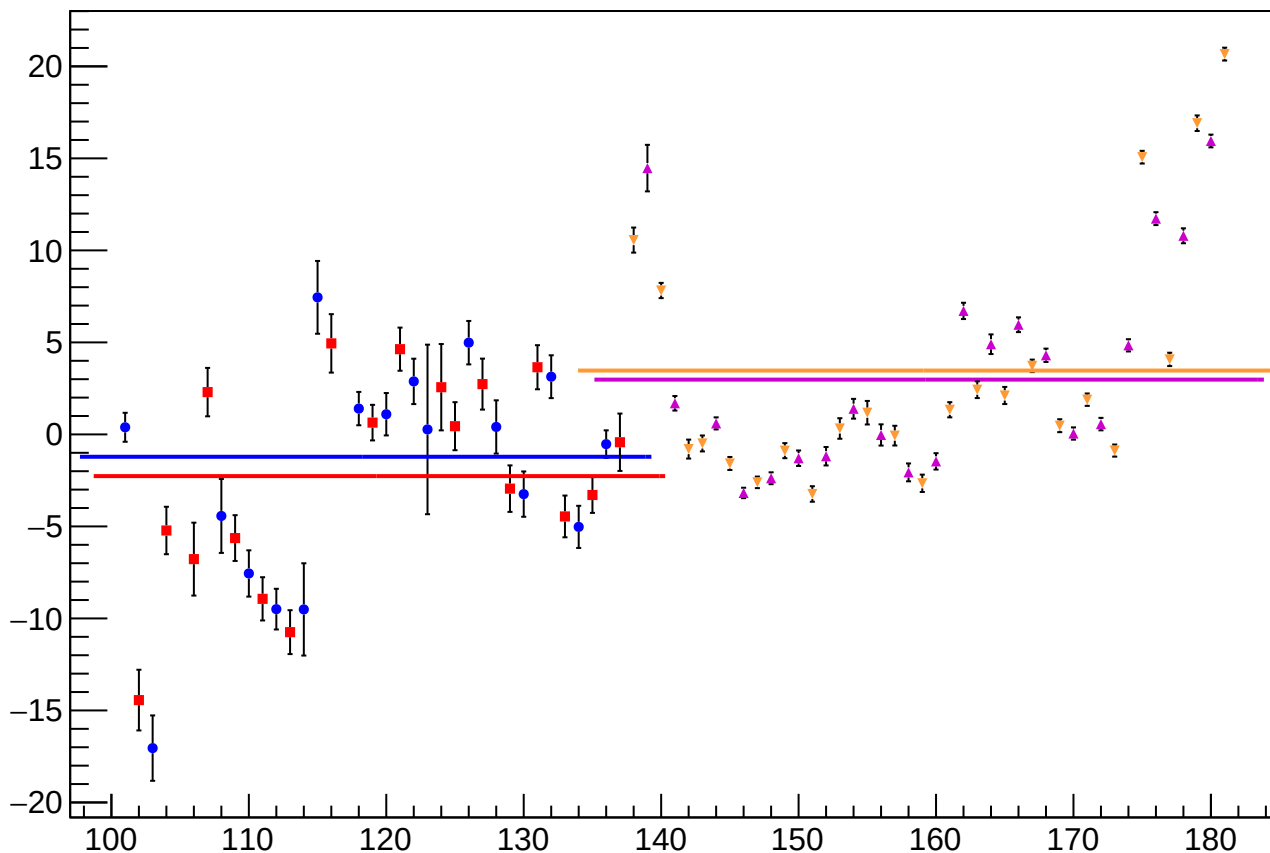
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.789+/-0.110 χ^2/NDF :10306.6/20

Out: -19.324+/-0.108 χ^2/NDF :14049.0/22

All: -18.574+/-0.077 χ^2/NDF : 24454.6/43

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: 3.470 $\pm$ 0.084 χ^2 /NDF:6435.1/22

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: 3.228 $\pm$ 0.060 χ^2 /NDF: 10467.5/43

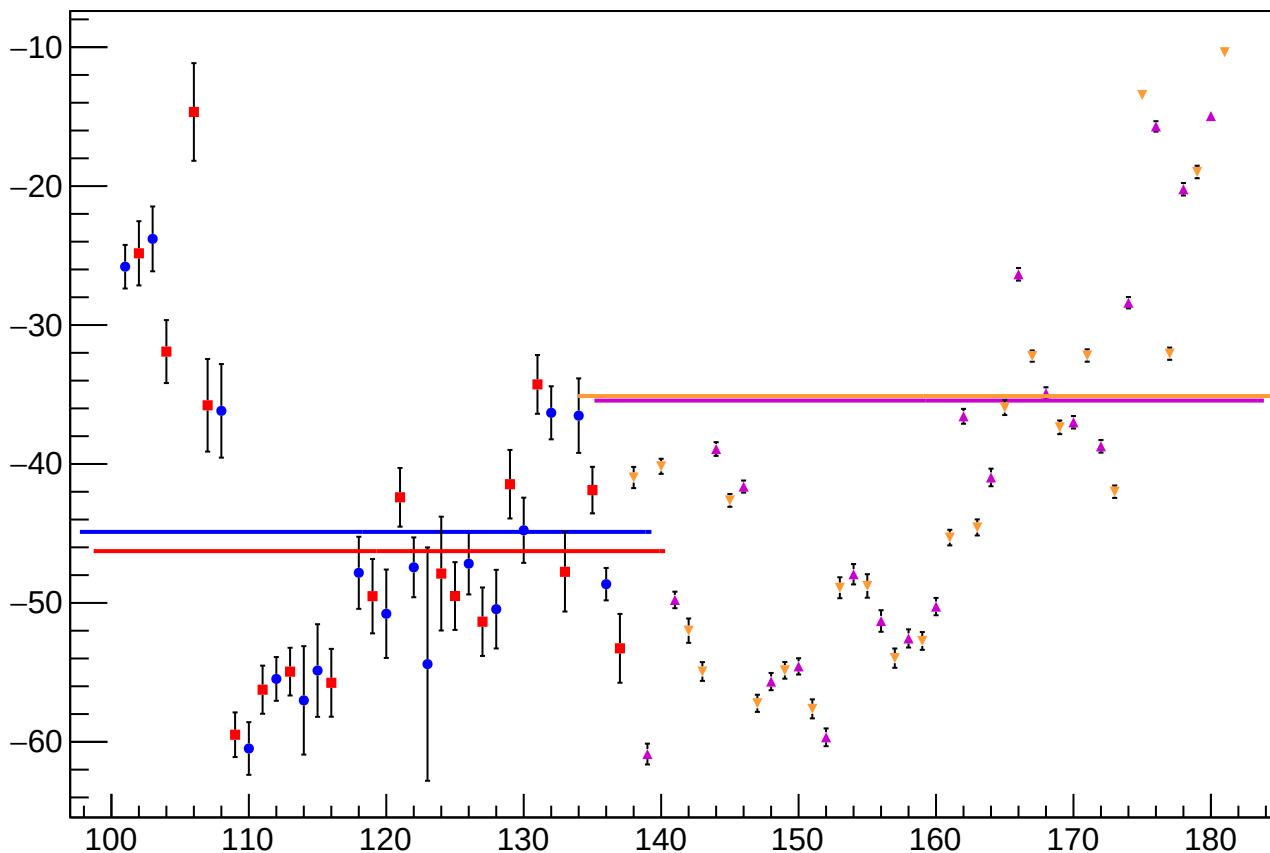
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 2.640 $\pm$ 0.082 χ^2 /NDF:4486.1/37

Out: 3.055 $\pm$ 0.081 χ^2 /NDF:7052.7/40

All: 2.850 $\pm$ 0.058 χ^2 /NDF: 11551.7/78

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -35.111 ± 0.108 $\chi^2/\text{NDF}: 18687.4/22$

Right Out: -46.272 ± 0.530 $\chi^2/\text{NDF}: 420.5/17$

Left In: -35.437 ± 0.110 $\chi^2/\text{NDF}: 15632.5/20$

Left: -35.271 ± 0.077 $\chi^2/\text{NDF}: 34324.4/43$

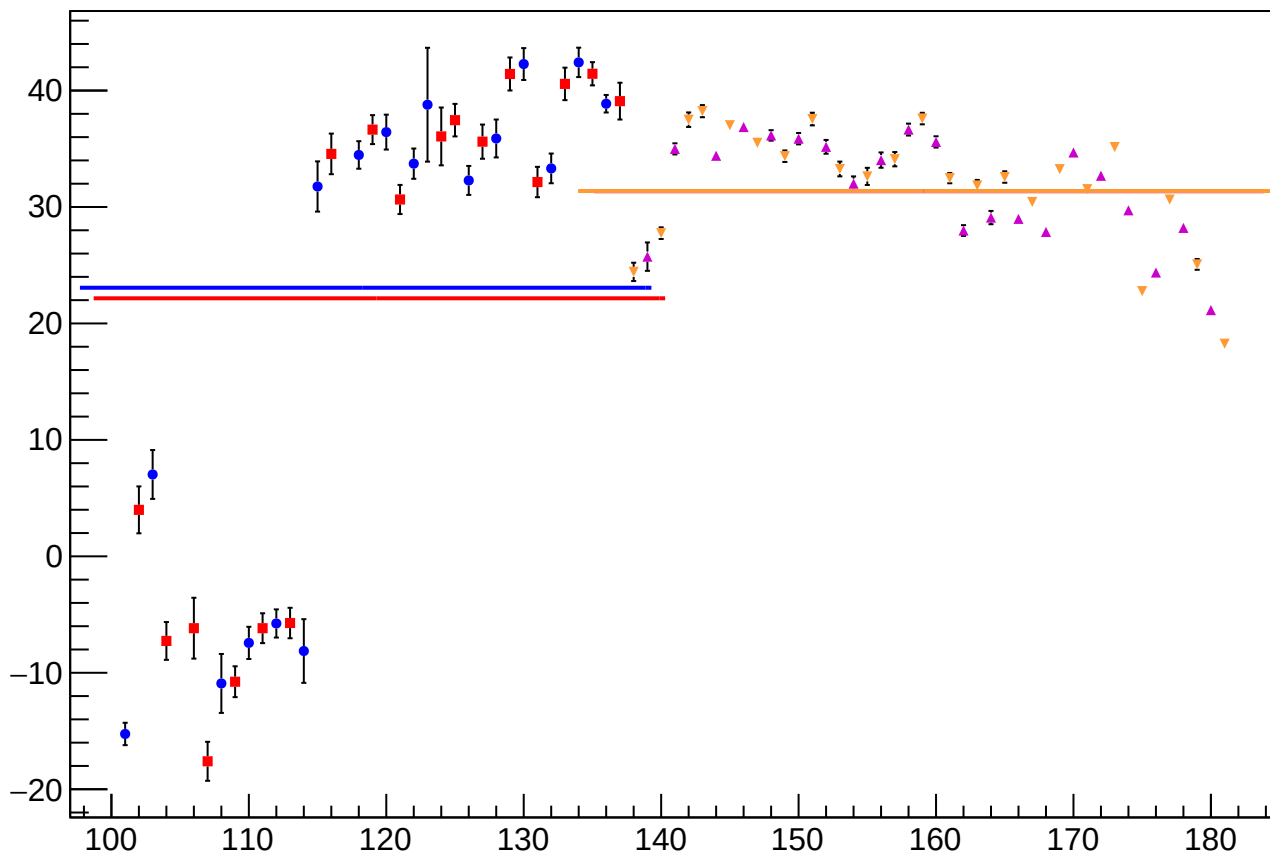
Right: -45.572 ± 0.372 $\chi^2/\text{NDF}: 844.4/34$

In: -35.839 ± 0.108 $\chi^2/\text{NDF}: 16365.2/37$

Out: -35.559 ± 0.106 $\chi^2/\text{NDF}: 19534.4/40$

All: -35.697 ± 0.076 $\chi^2/\text{NDF}: 35903.0/78$

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: 31.372 $\pm$ 0.095 χ^2 /NDF:3168.6/22

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: 31.363 $\pm$ 0.068 χ^2 /NDF: 5441.1/43

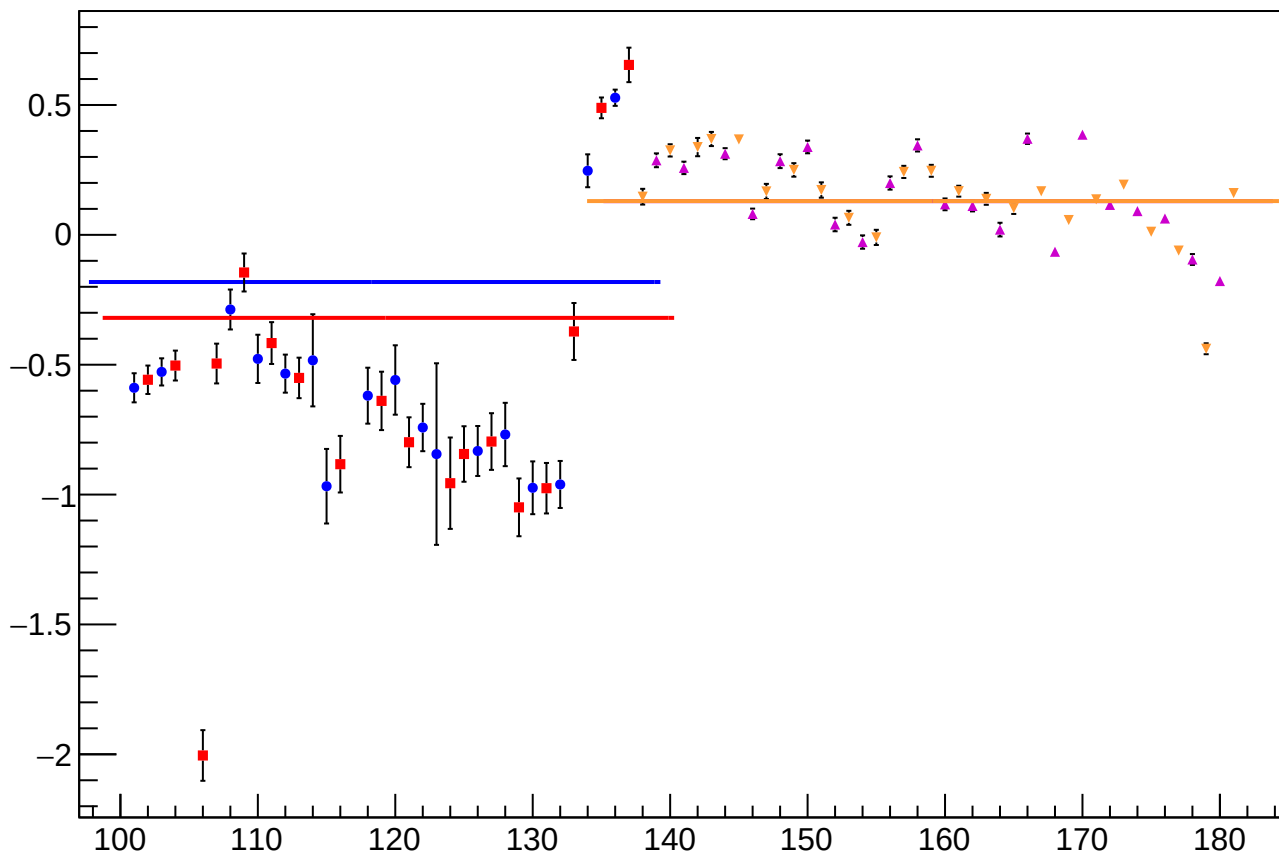
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.681 $\pm$ 0.093 χ^2 /NDF:7197.8/37

Out: 30.699 $\pm$ 0.092 χ^2 /NDF:7874.7/40

All: 30.690 $\pm$ 0.065 χ^2 /NDF: 15072.6/78

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: 0.130 ± 0.004 χ^2/NDF : 1405.2/22

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: 0.130 ± 0.003 χ^2/NDF : 2796.5/43

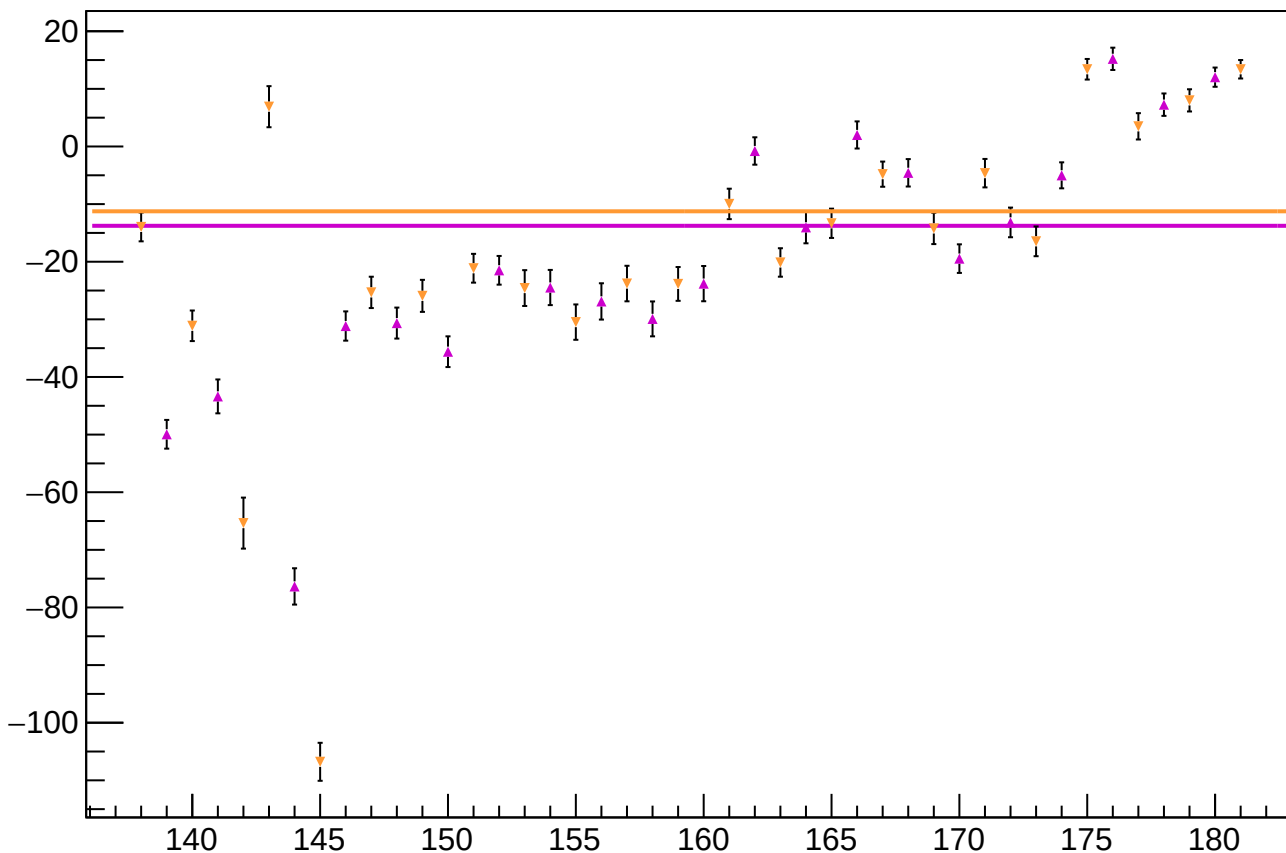
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.111 ± 0.004 χ^2/NDF : 2677.8/37

Out: 0.105 ± 0.004 χ^2/NDF : 3158.6/40

All: 0.108 ± 0.003 χ^2/NDF : 5837.4/78

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -11.249 ± 0.522 χ^2/NDF : 1838.6/22

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: -12.471 ± 0.375 χ^2/NDF : 3478.5/43

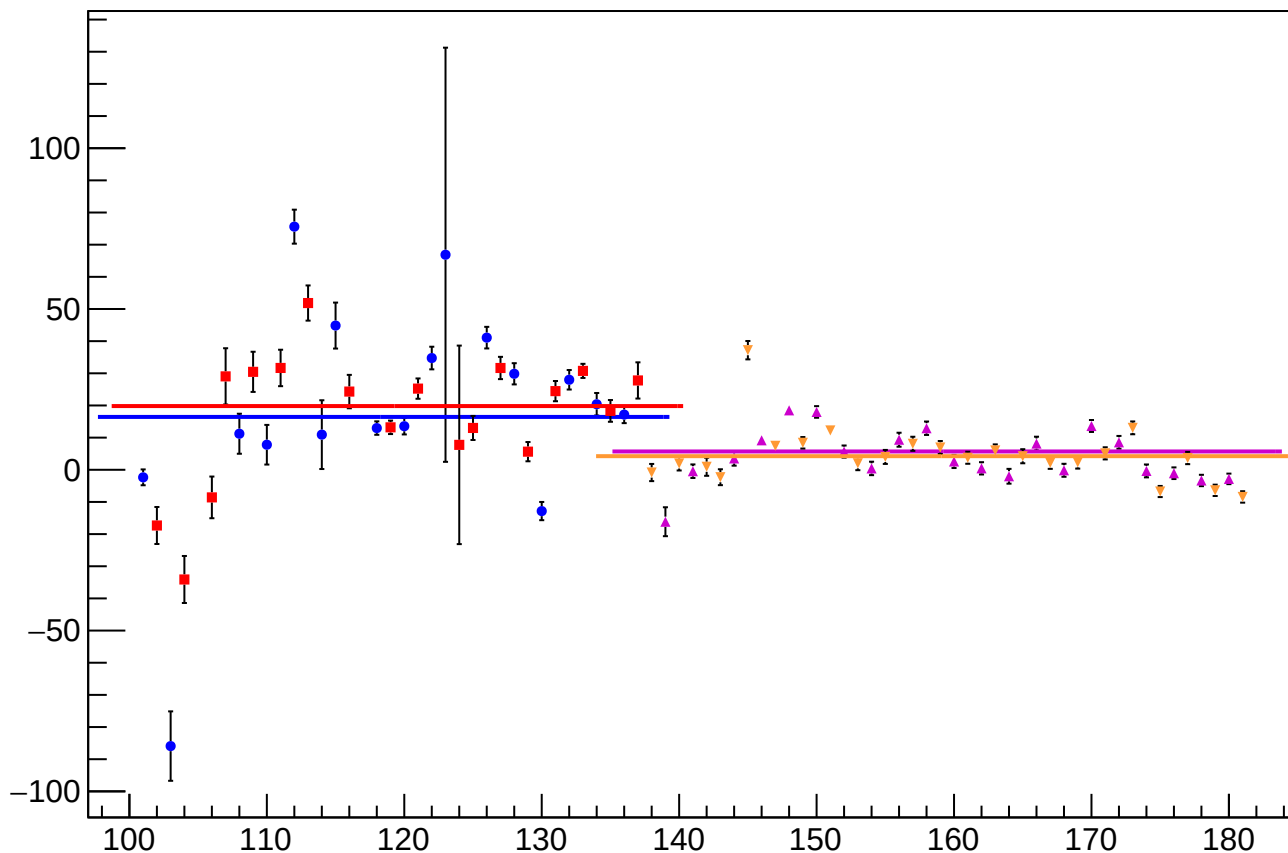
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -13.765 ± 0.537 χ^2/NDF : 1628.6/20

Out: -11.249 ± 0.522 χ^2/NDF : 1838.6/22

All: -12.471 ± 0.375 χ^2/NDF : 3478.5/43

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 4.233+/-0.403 χ^2/NDF : 346.1/22

Right Out: 19.813+/-0.899 χ^2/NDF : 238.5/17

Left In: 5.698+/-0.418 χ^2/NDF : 329.1/20

Left: 4.939+/-0.290 χ^2/NDF : 681.5/43

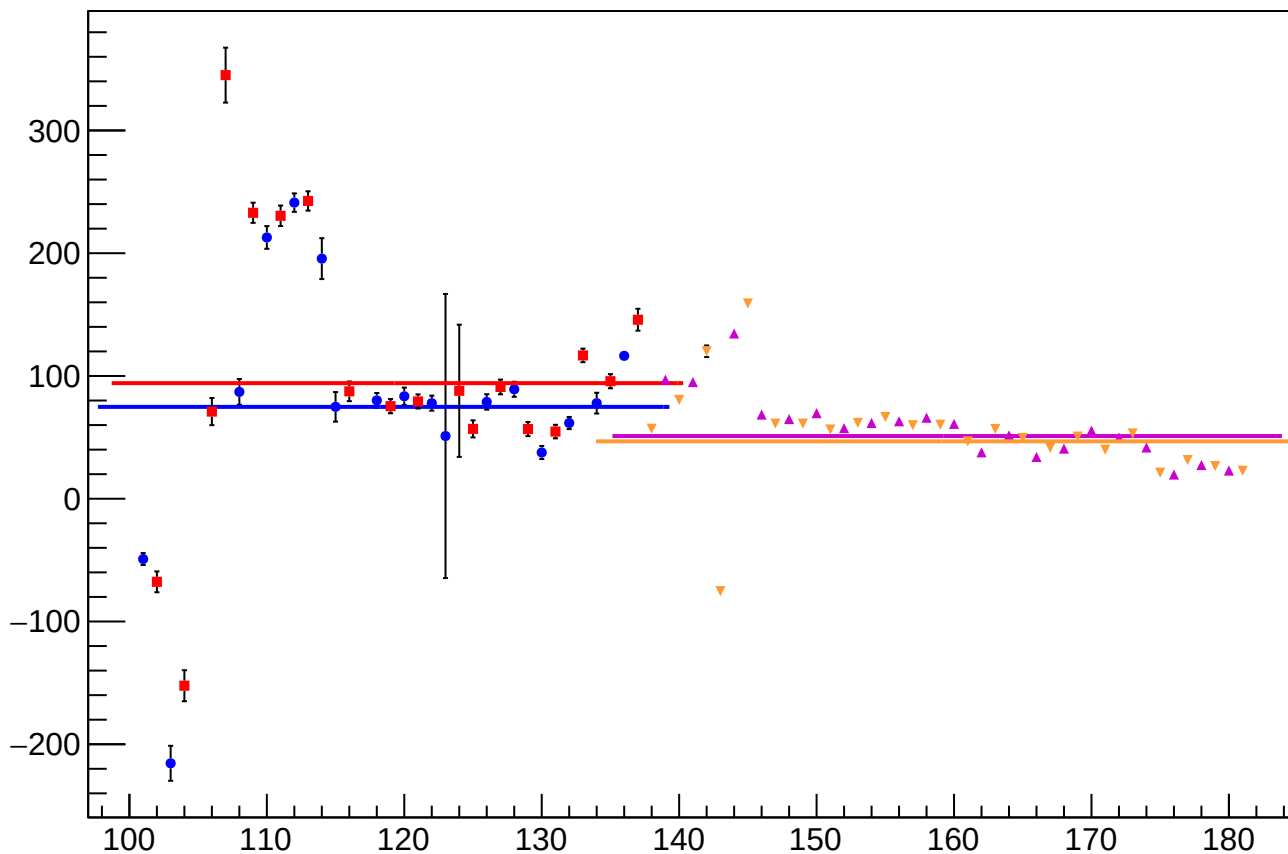
Right: 18.028+/-0.617 χ^2/NDF : 762.9/34

In: 7.795+/-0.375 χ^2/NDF : 974.9/37

Out: 6.839+/-0.368 χ^2/NDF : 834.6/40

All: 7.308+/-0.263 χ^2/NDF : 1812.9/78

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 $\chi^2/\text{NDF}: 1996.8/16$

Left Out: 46.755 ± 0.519 $\chi^2/\text{NDF}: 3314.5/22$

Right Out: 94.153 ± 1.720 $\chi^2/\text{NDF}: 1969.2/17$

Left In: 51.060 ± 0.532 $\chi^2/\text{NDF}: 2144.5/20$

Left: 48.856 ± 0.371 $\chi^2/\text{NDF}: 5492.6/43$

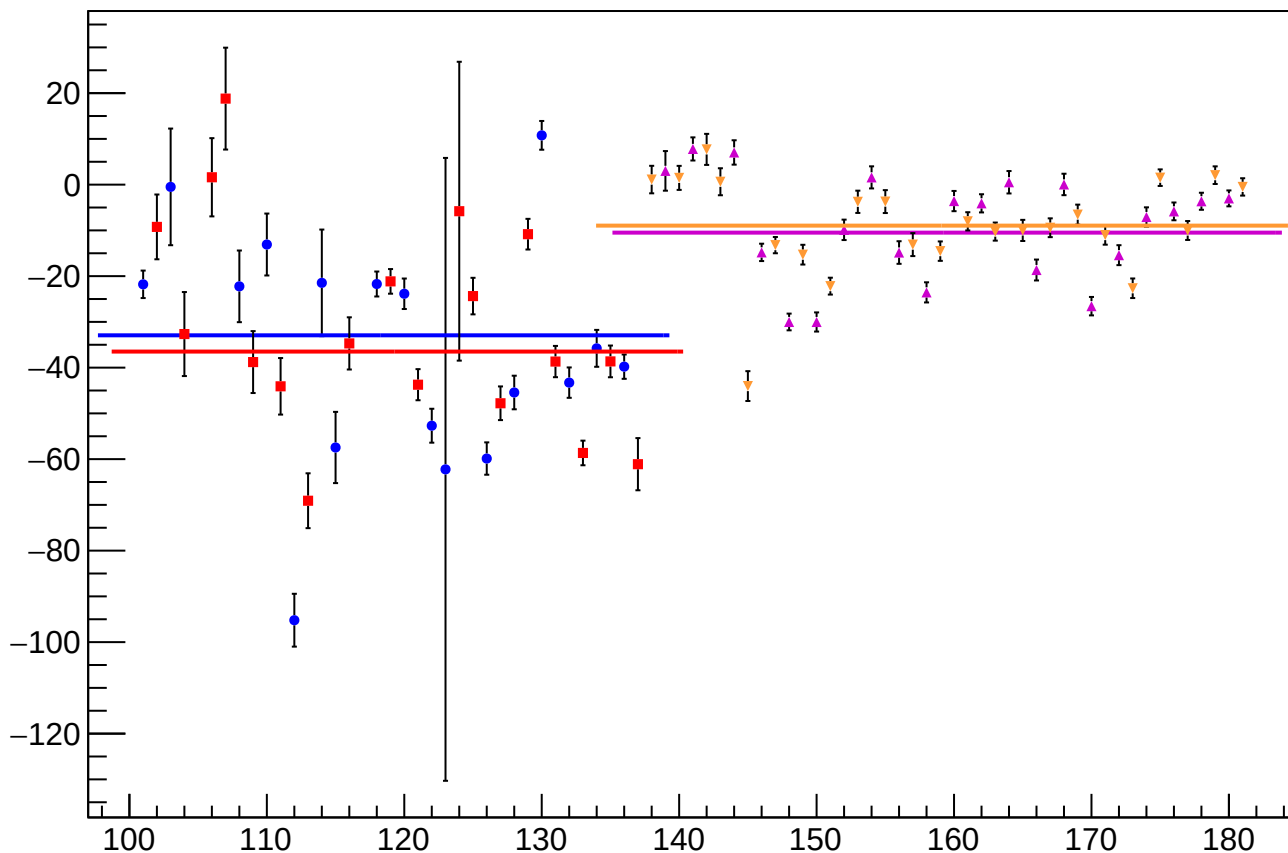
Right: 84.020 ± 1.186 $\chi^2/\text{NDF}: 4032.2/34$

In: 53.324 ± 0.506 $\chi^2/\text{NDF}: 4331.6/37$

Out: 50.713 ± 0.497 $\chi^2/\text{NDF}: 5979.6/40$

All: 51.995 ± 0.354 $\chi^2/\text{NDF}: 10324.8/78$

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -8.958 ± 0.458 χ^2/NDF : 392.2/22

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: -9.700 ± 0.329 χ^2/NDF : 955.4/43

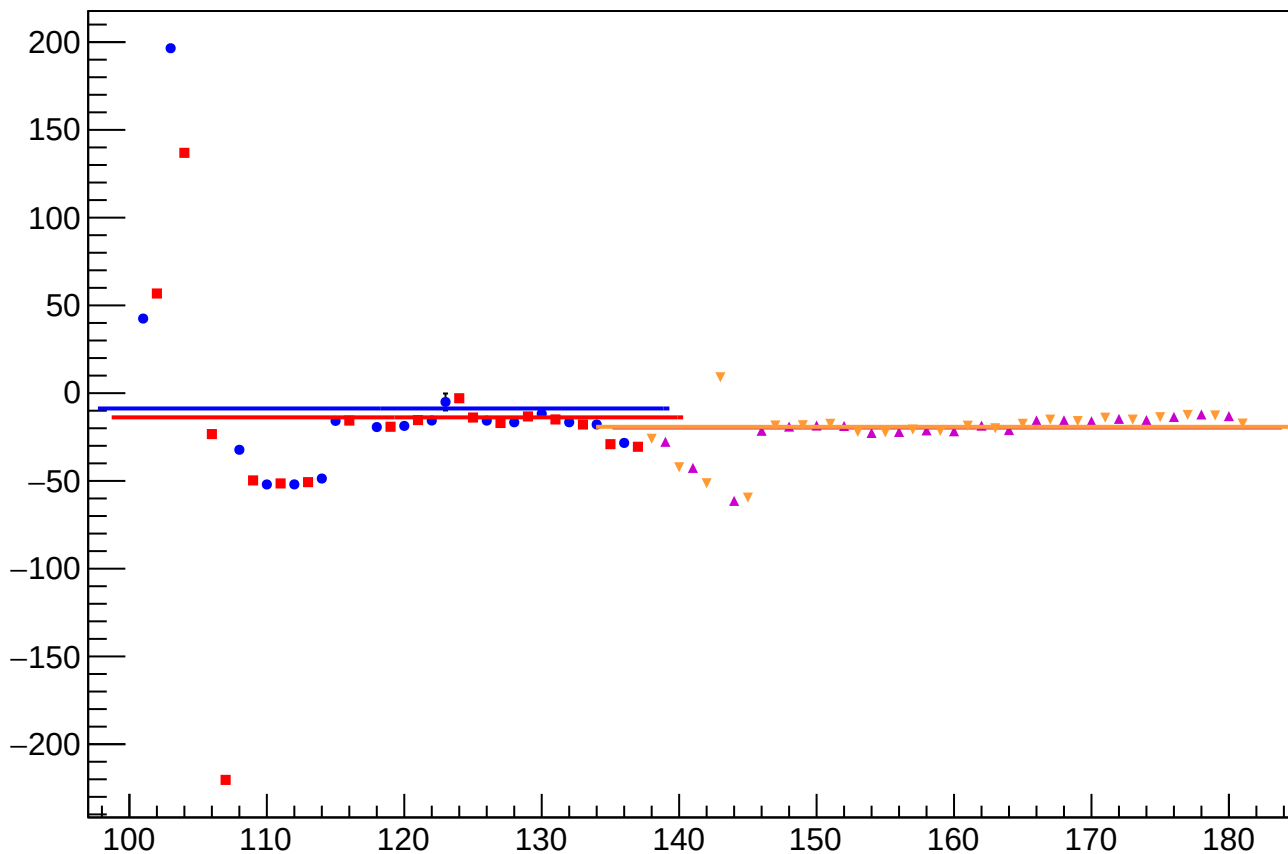
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -14.785 ± 0.426 χ^2/NDF : 1478.5/37

Out: -13.534 ± 0.419 χ^2/NDF : 1285.0/40

All: -14.149 ± 0.298 χ^2/NDF : 2767.8/78

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -19.172 ± 0.021 χ^2/NDF : 218924.4/22

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -19.551 ± 0.021 χ^2/NDF : 152204.3/20

Left: -19.359 ± 0.015 χ^2/NDF : 371286.9/43

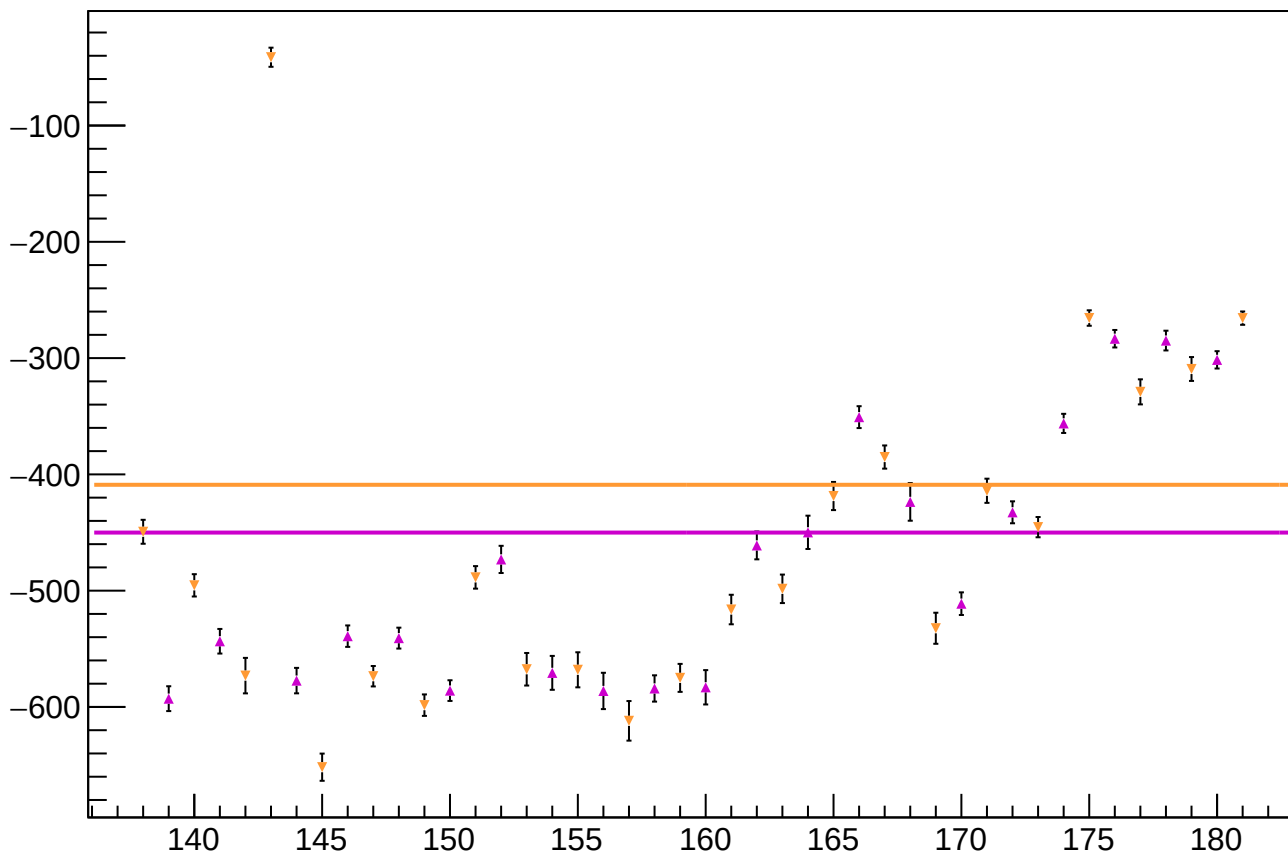
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -18.281 ± 0.020 χ^2/NDF : 757909.6/37

Out: -18.613 ± 0.020 χ^2/NDF : 775030.1/40

All: -18.448 ± 0.014 χ^2/NDF : 1533075.4/78

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -408.948 $\pm$ 2.082 χ^2/NDF :5526.7/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -450.039 $\pm$ 2.212 χ^2/NDF :2744.9/20

Left: -428.245 $\pm$ 1.516 χ^2/NDF : 8454.7/43

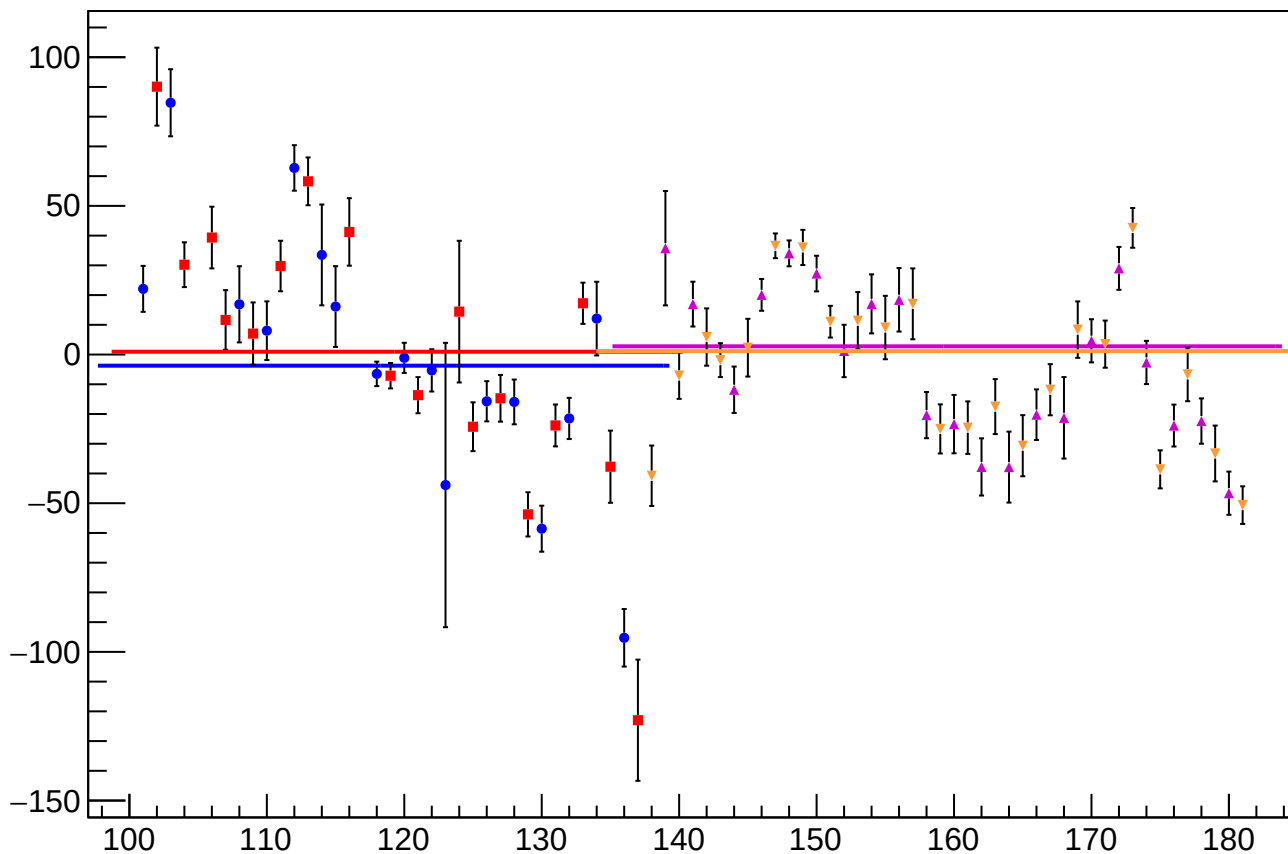
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -450.039 $\pm$ 2.212 χ^2/NDF :2744.9/20

Out: -408.948 $\pm$ 2.082 χ^2/NDF :5526.7/22

All: -428.245 $\pm$ 1.516 χ^2/NDF : 8454.7/43

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 1.152 ± 1.560 χ^2/NDF : 326.3/22

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: 1.908 ± 1.138 χ^2/NDF : 560.6/43

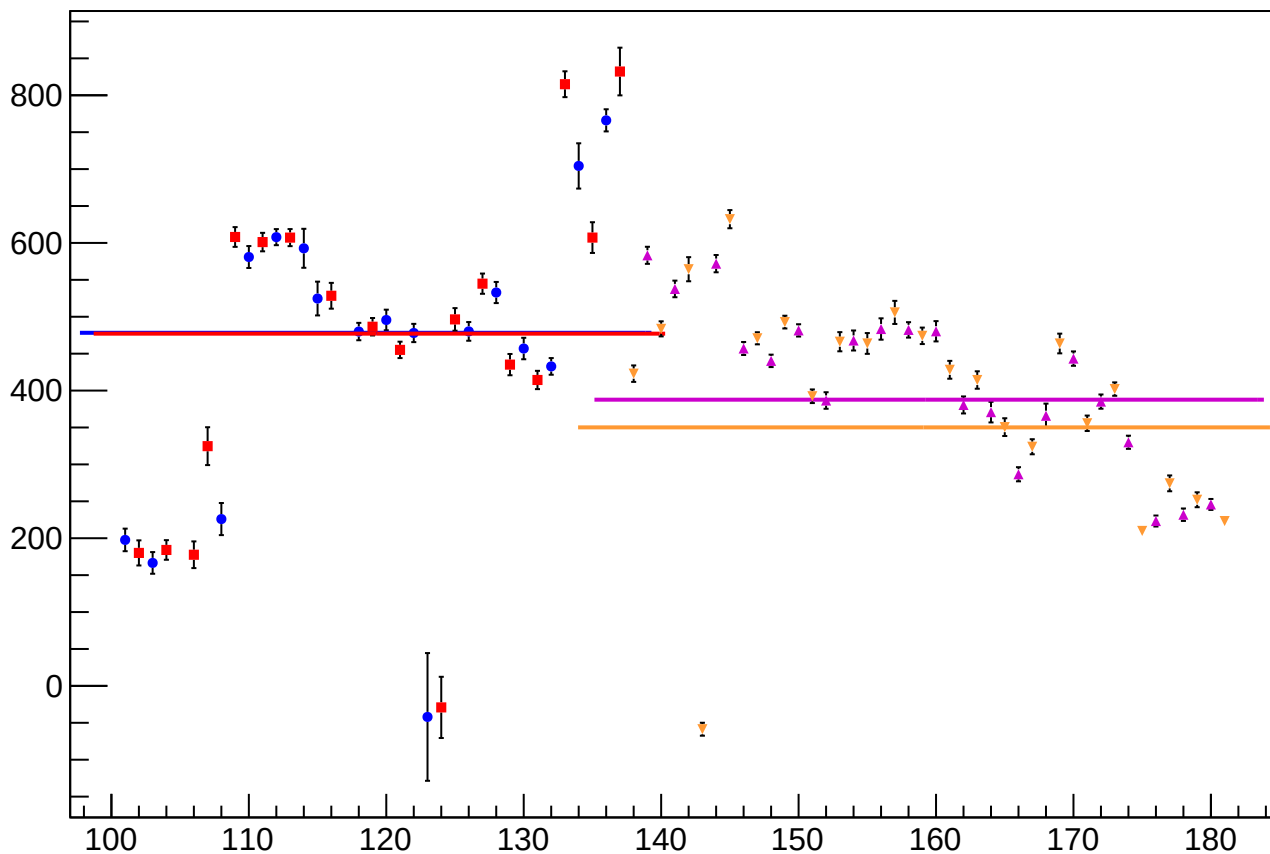
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -0.071 ± 1.249 χ^2/NDF : 554.6/37

Out: 1.071 ± 1.210 χ^2/NDF : 619.9/40

All: 0.518 ± 0.869 χ^2/NDF : 1175.0/78

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 350.155+/-2.082 χ^2/NDF : 5186.6/22

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 387.670+/-2.192 χ^2/NDF : 2529.9/20

Left: 367.944+/-1.509 χ^2/NDF : 7870.6/43

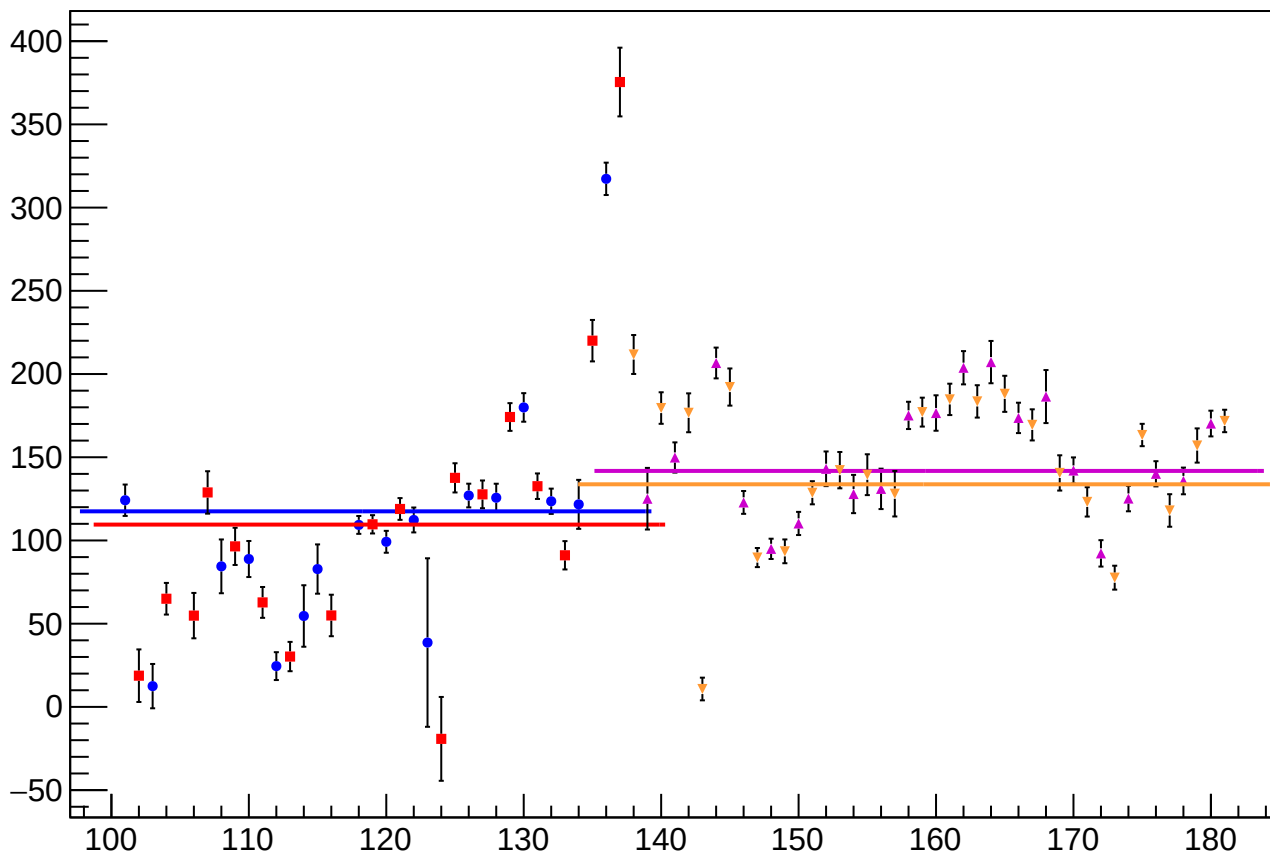
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 411.798+/-1.878 χ^2/NDF : 4612.8/37

Out: 382.753+/-1.795 χ^2/NDF : 8317.5/40

All: 396.619+/-1.297 χ^2/NDF : 13055.3/78

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 133.750 $\pm$ 1.806 χ^2/NDF : 768.5/22

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 141.784 $\pm$ 1.911 χ^2/NDF : 310.4/20

Left: 137.540 $\pm$ 1.313 χ^2/NDF : 1088.2/43

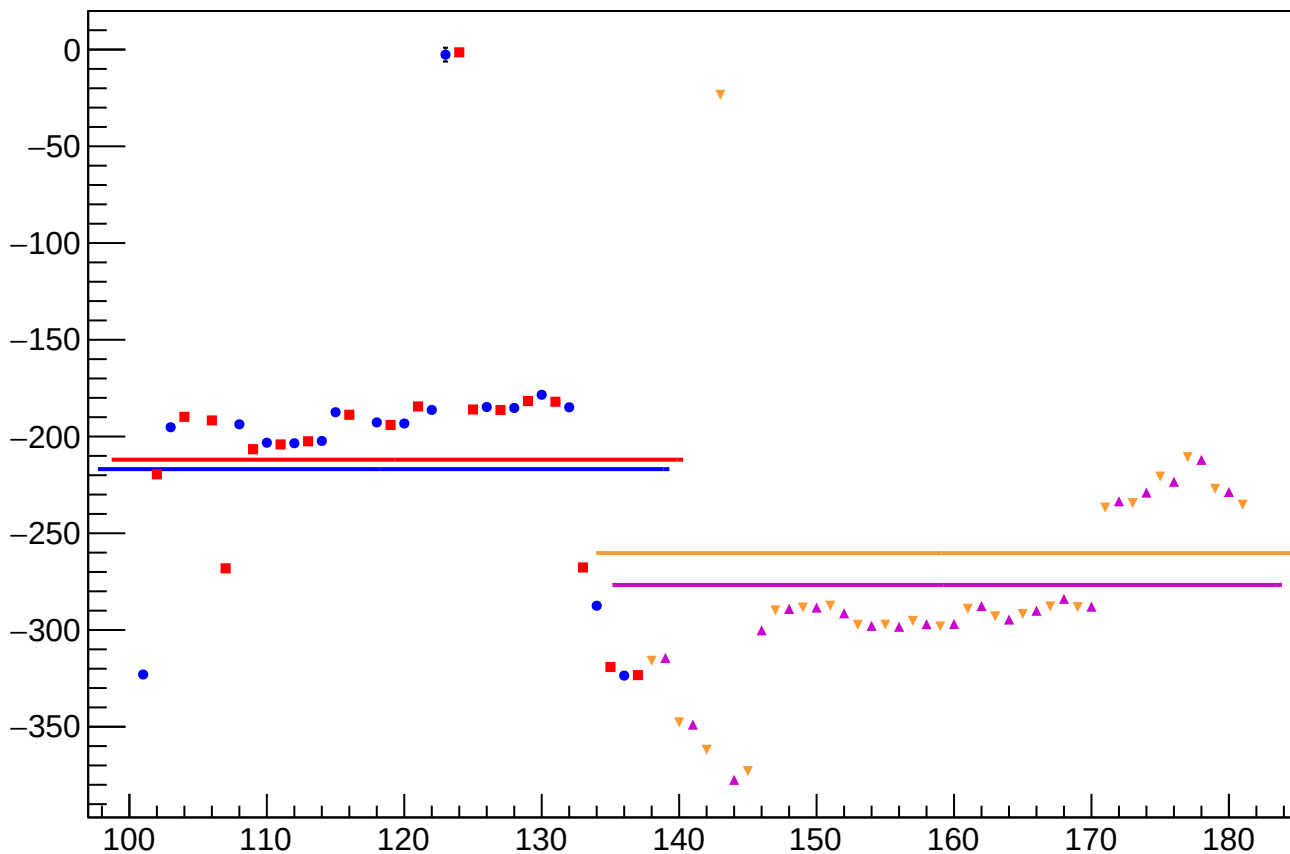
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 131.329 $\pm$ 1.442 χ^2/NDF : 1085.9/37

Out: 124.047 $\pm$ 1.398 χ^2/NDF : 1402.7/40

All: 127.575 $\pm$ 1.004 χ^2/NDF : 2501.8/78

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -260.217+/-0.087 χ^2/NDF : 696668.4/22

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -276.708+/-0.089 χ^2/NDF : 197291.4/20

Left: -268.206+/-0.062 χ^2/NDF : 911527.5/43

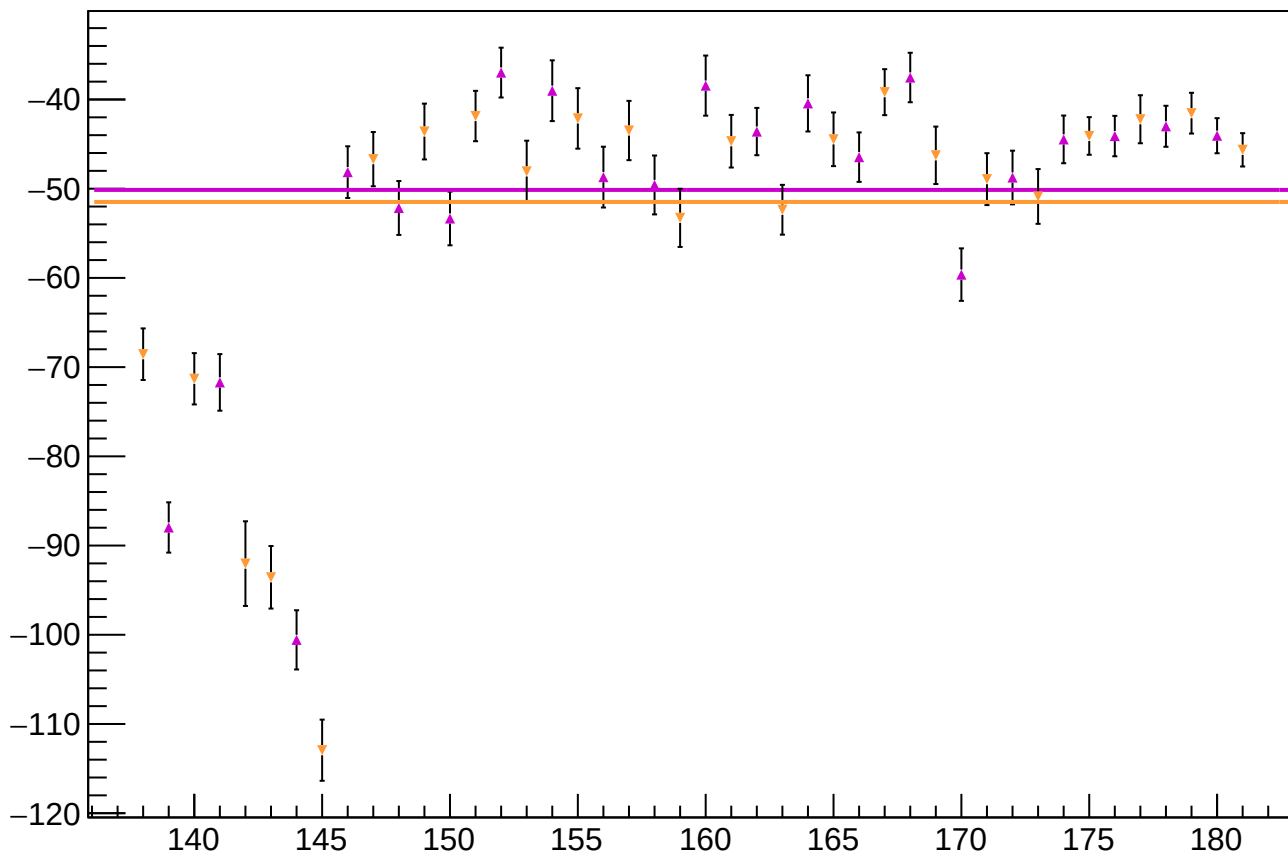
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -258.641+/-0.075 χ^2/NDF : 479720.7/37

Out: -245.489+/-0.072 χ^2/NDF : 903535.8/40

All: -251.845+/-0.052 χ^2/NDF : 1399301.0/78

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



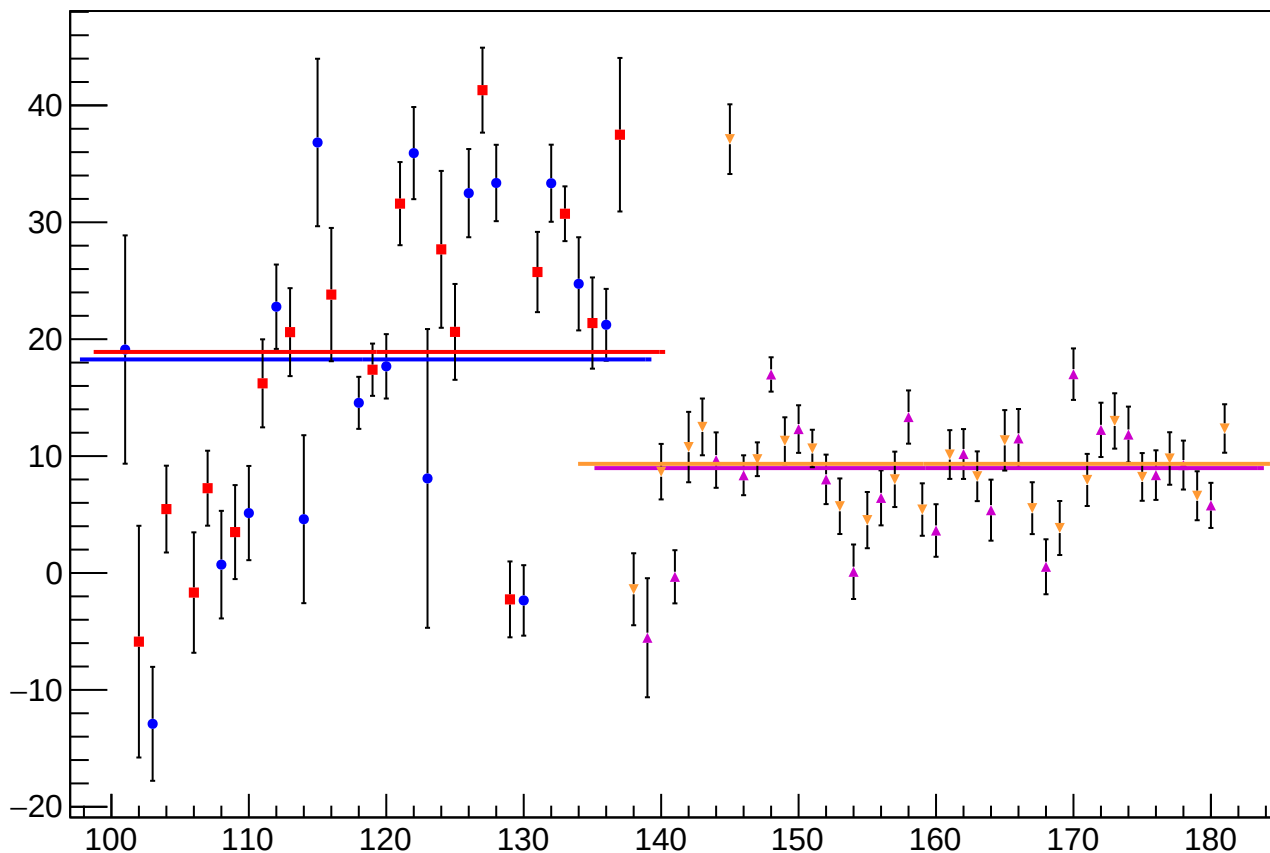
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -50.137 ± 0.614 $\chi^2/\text{NDF}: 583.9/20$

Left: -50.831 ± 0.428 $\chi^2/\text{NDF}: 1332.3/43$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -50.137 ± 0.614 $\chi^2/\text{NDF}: 583.9/20$
 Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

All: -50.831 ± 0.428 $\chi^2/\text{NDF}: 1332.3/43$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2/NDF : 208.3/16

Left Out: 9.337+/-0.457 χ^2/NDF :128.8/22

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: 9.162+/-0.329 χ^2/NDF : 247.4/43

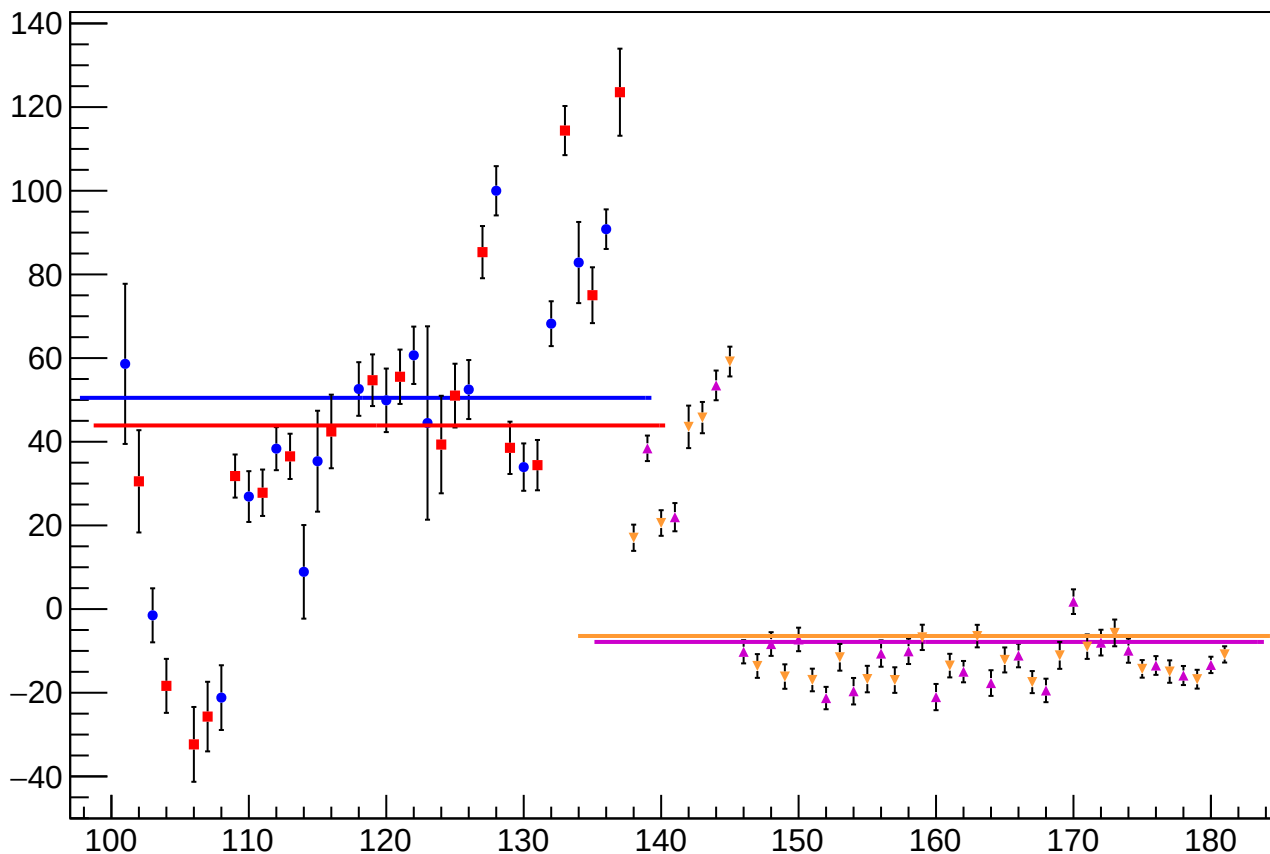
Right: 18.605+/-0.626 χ^2/NDF : 406.7/34

In: 10.975+/-0.421 χ^2/NDF :409.1/37

Out: 11.429+/-0.404 χ^2/NDF :422.8/40

All: 11.212+/-0.291 χ^2/NDF : 832.5/78

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: -6.433 $\pm$ 0.593 χ^2 /NDF: 903.3/22

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: -7.127 $\pm$ 0.424 χ^2 /NDF: 1645.9/43

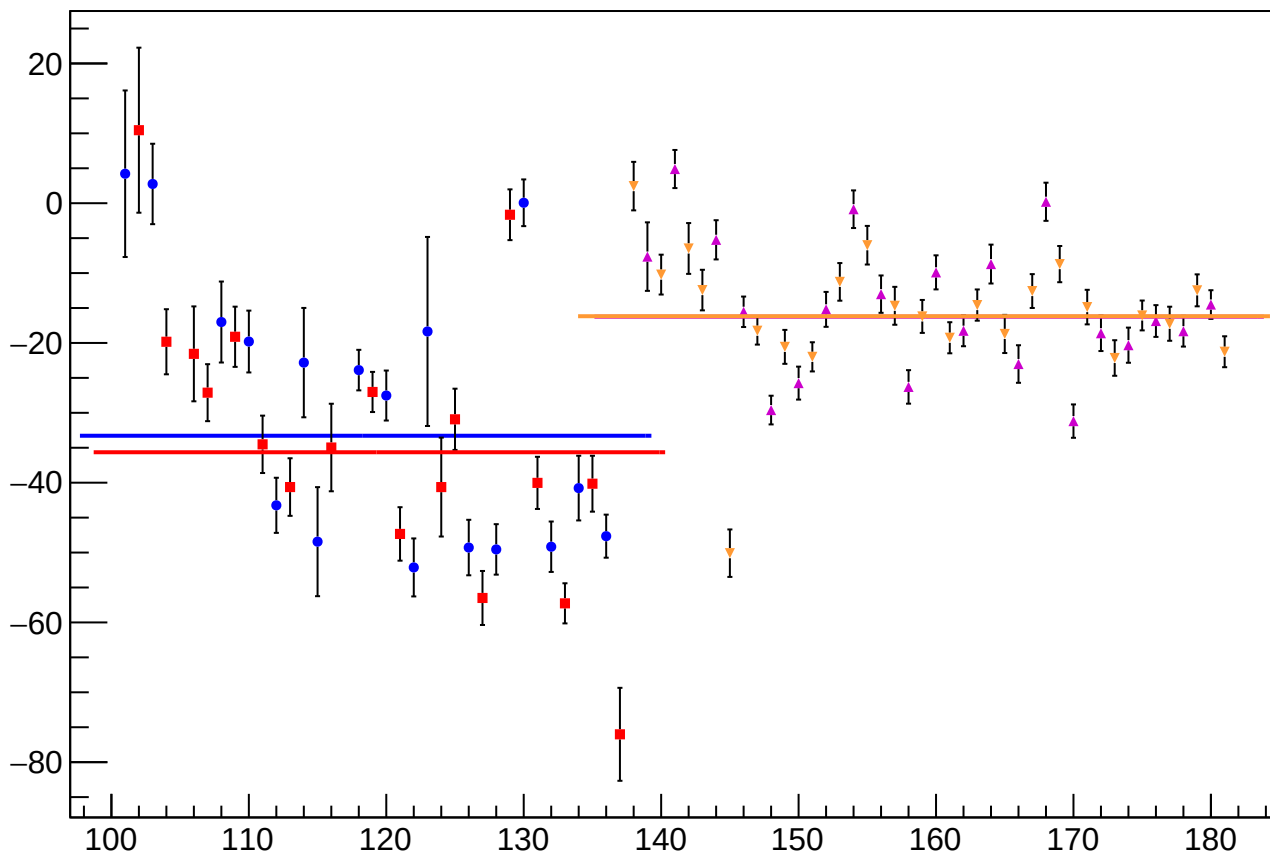
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: -1.046 $\pm$ 0.571 χ^2 /NDF: 2180.3/37

Out: -0.384 $\pm$ 0.556 χ^2 /NDF: 2301.5/40

All: -0.706 $\pm$ 0.398 χ^2 /NDF: 4482.6/78

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.175 ± 0.521 χ^2/NDF : 198.5/22

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.242 ± 0.539 χ^2/NDF : 290.9/20

Left: -16.207 ± 0.375 χ^2/NDF : 489.4/43

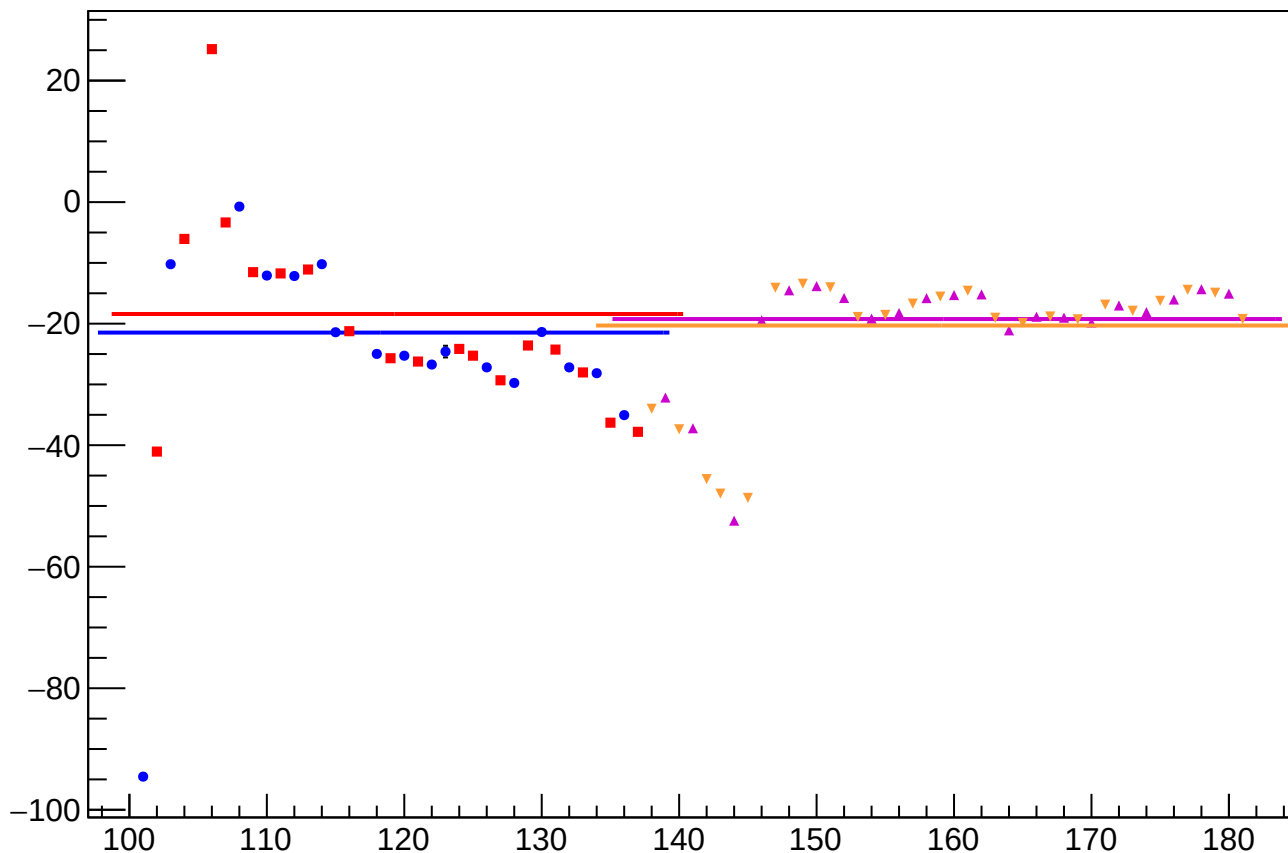
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -19.880 ± 0.478 χ^2/NDF : 797.0/37

Out: -20.383 ± 0.462 χ^2/NDF : 784.6/40

All: -20.141 ± 0.332 χ^2/NDF : 1582.2/78

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: -20.306 ± 0.024 $\chi^2/\text{NDF}: 143173.9/22$

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: -19.780 ± 0.017 $\chi^2/\text{NDF}: 236090.5/43$

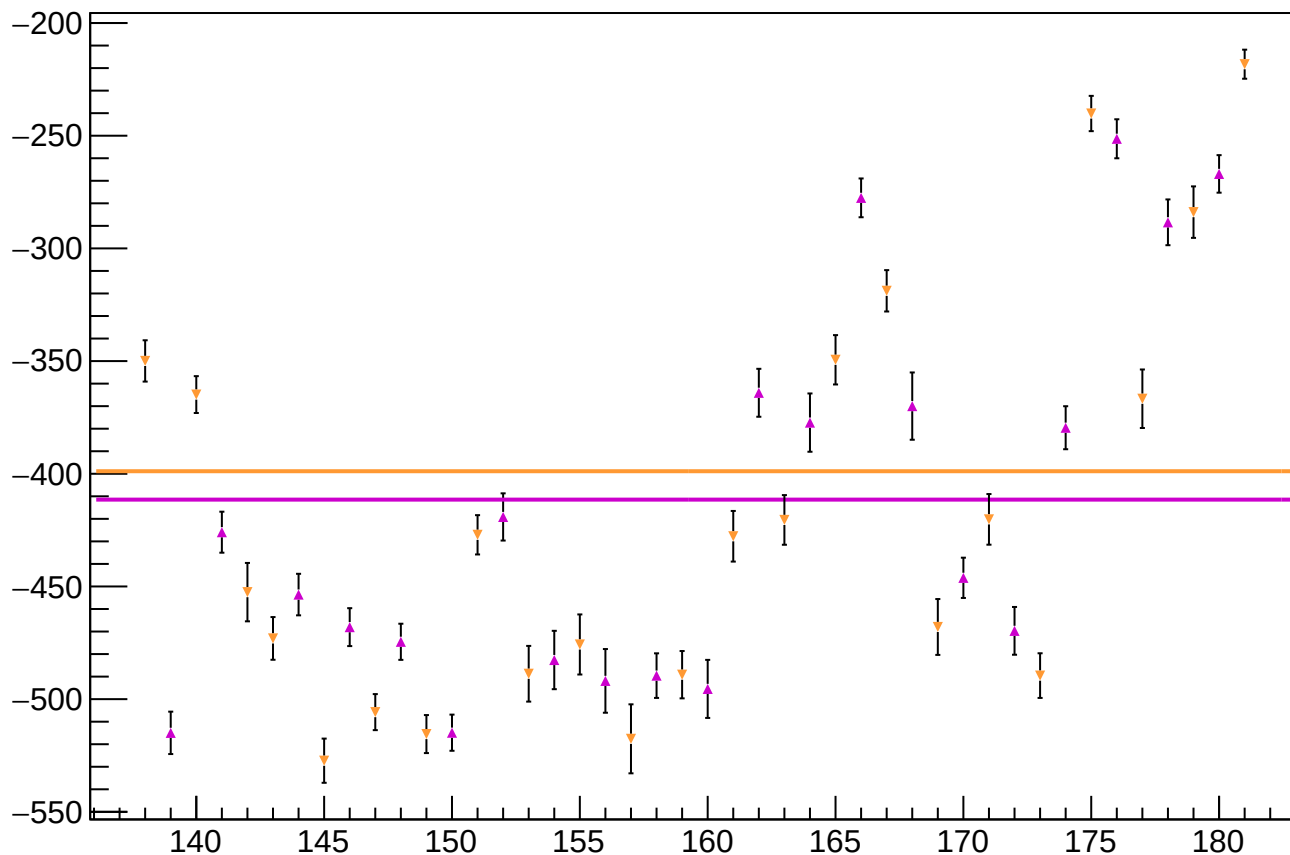
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -19.568 ± 0.023 $\chi^2/\text{NDF}: 142158.7/37$

Out: -20.022 ± 0.022 $\chi^2/\text{NDF}: 221687.9/40$

All: -19.799 ± 0.016 $\chi^2/\text{NDF}: 364051.6/78$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

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: -404.917+/-1.479 χ^2/NDF : 4152.0/43

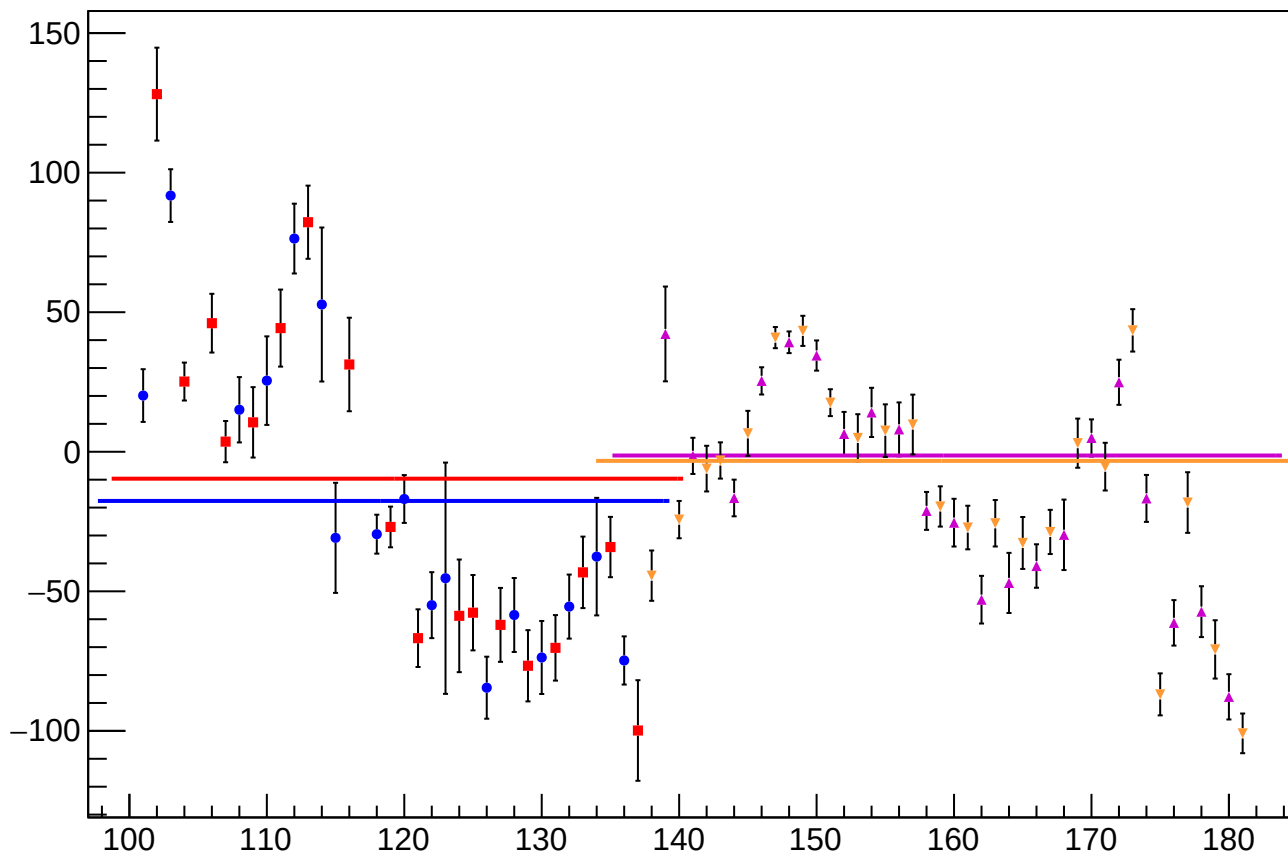
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -411.468+/-2.135 χ^2/NDF :1709.1/20

Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

All: -404.917+/-1.479 χ^2/NDF : 4152.0/43

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: -3.265 $\pm$ 1.497 χ^2/NDF : 701.5/22

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: -2.348 $\pm$ 1.082 χ^2/NDF : 1224.5/43

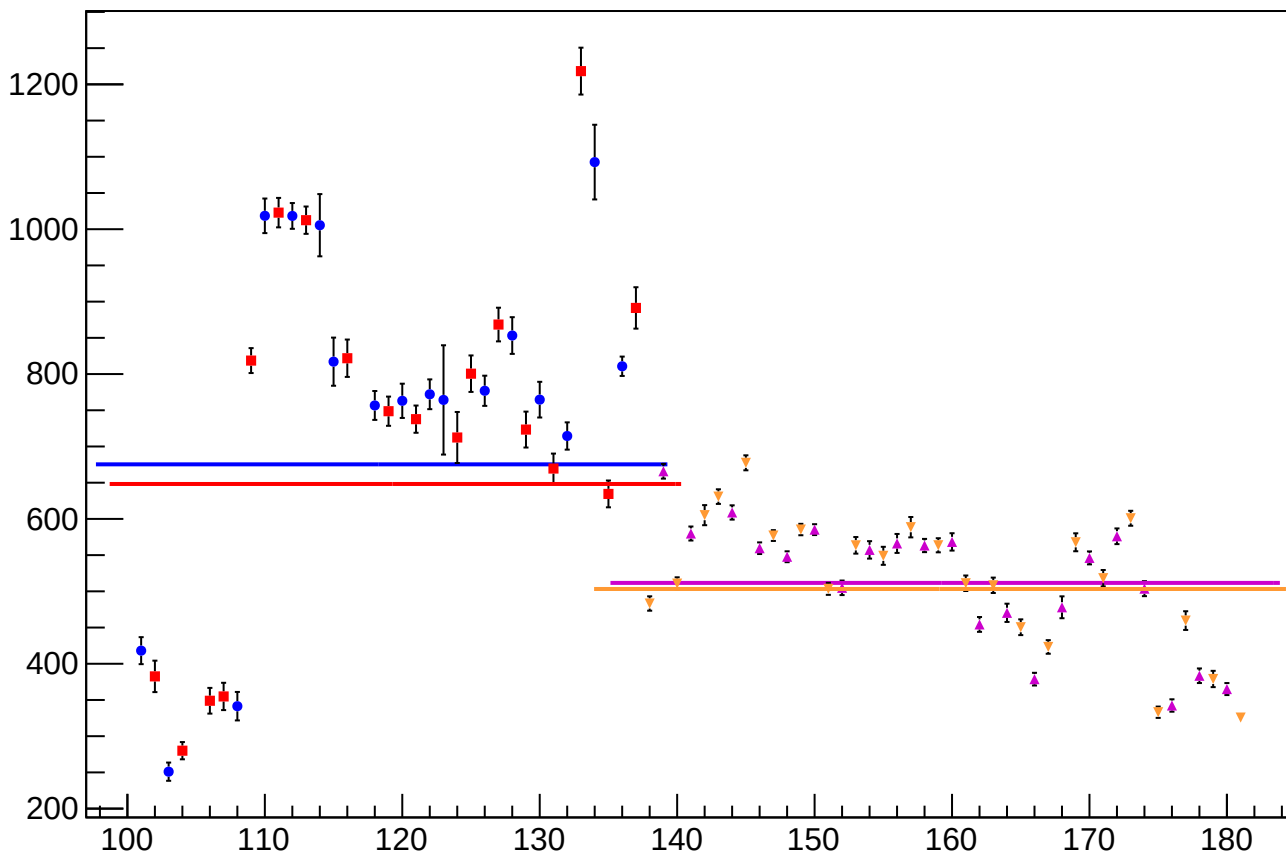
Right: -13.374 $\pm$ 1.906 χ^2/NDF : 727.1/34

In: -5.253 $\pm$ 1.366 χ^2/NDF : 910.1/37

Out: -4.841 $\pm$ 1.299 χ^2/NDF : 1066.7/40

All: -5.036 $\pm$ 0.941 χ^2/NDF : 1976.9/78

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 $\chi^2/\text{NDF}: 2582.7/16$

Left Out: 503.247 ± 2.043 $\chi^2/\text{NDF}: 2349.2/22$

Right Out: 648.229 ± 4.775 $\chi^2/\text{NDF}: 3059.0/17$

Left In: 511.644 ± 2.109 $\chi^2/\text{NDF}: 1810.5/20$

Left: 507.313 ± 1.467 $\chi^2/\text{NDF}: 4167.8/43$

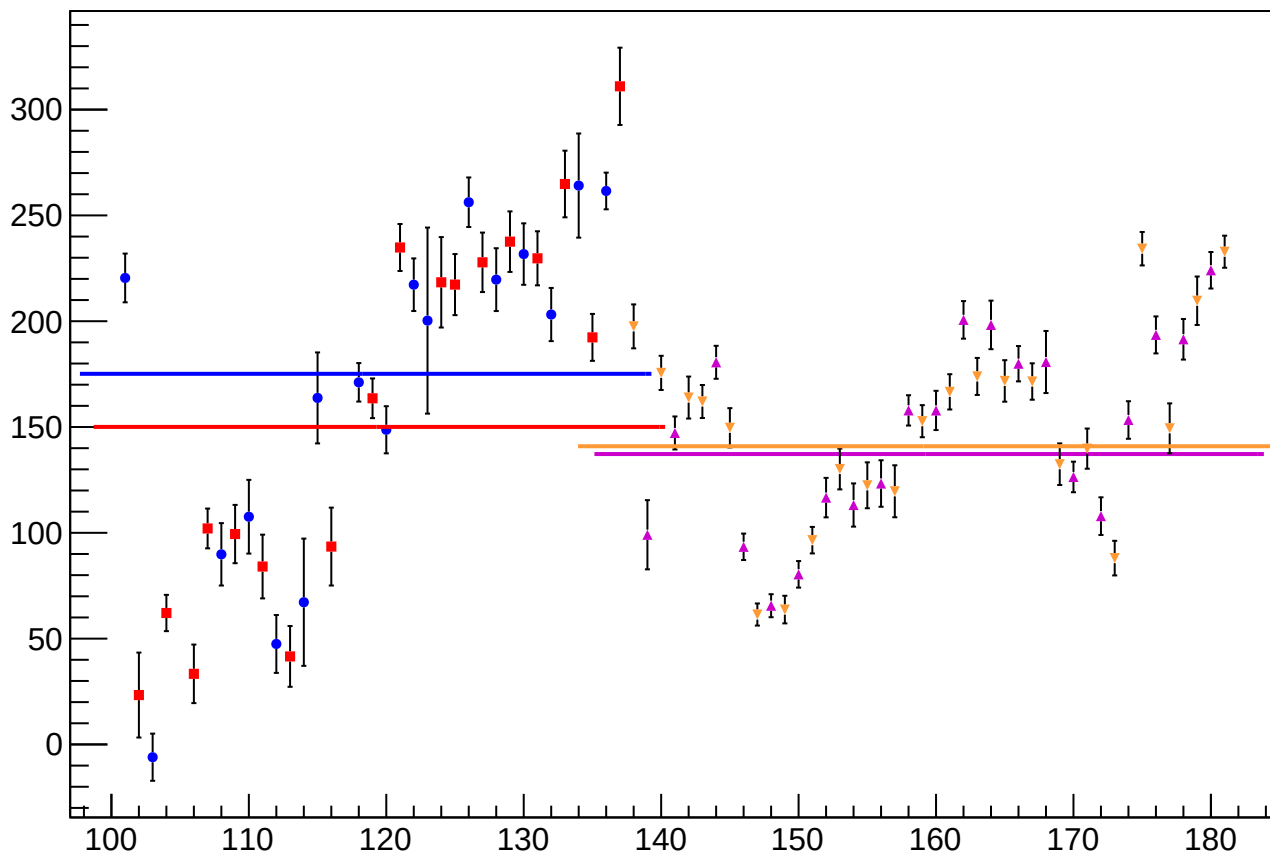
Right: 661.037 ± 3.468 $\chi^2/\text{NDF}: 5656.9/34$

In: 535.986 ± 1.946 $\chi^2/\text{NDF}: 5289.2/37$

Out: 525.689 ± 1.879 $\chi^2/\text{NDF}: 6187.4/40$

All: 530.656 ± 1.351 $\chi^2/\text{NDF}: 11491.1/78$

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 140.911 ± 1.747 $\chi^2/\text{NDF}: 905.2/22$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 137.230 ± 1.816 $\chi^2/\text{NDF}: 674.0/20$

Left: 139.142 ± 1.259 $\chi^2/\text{NDF}: 1581.3/43$

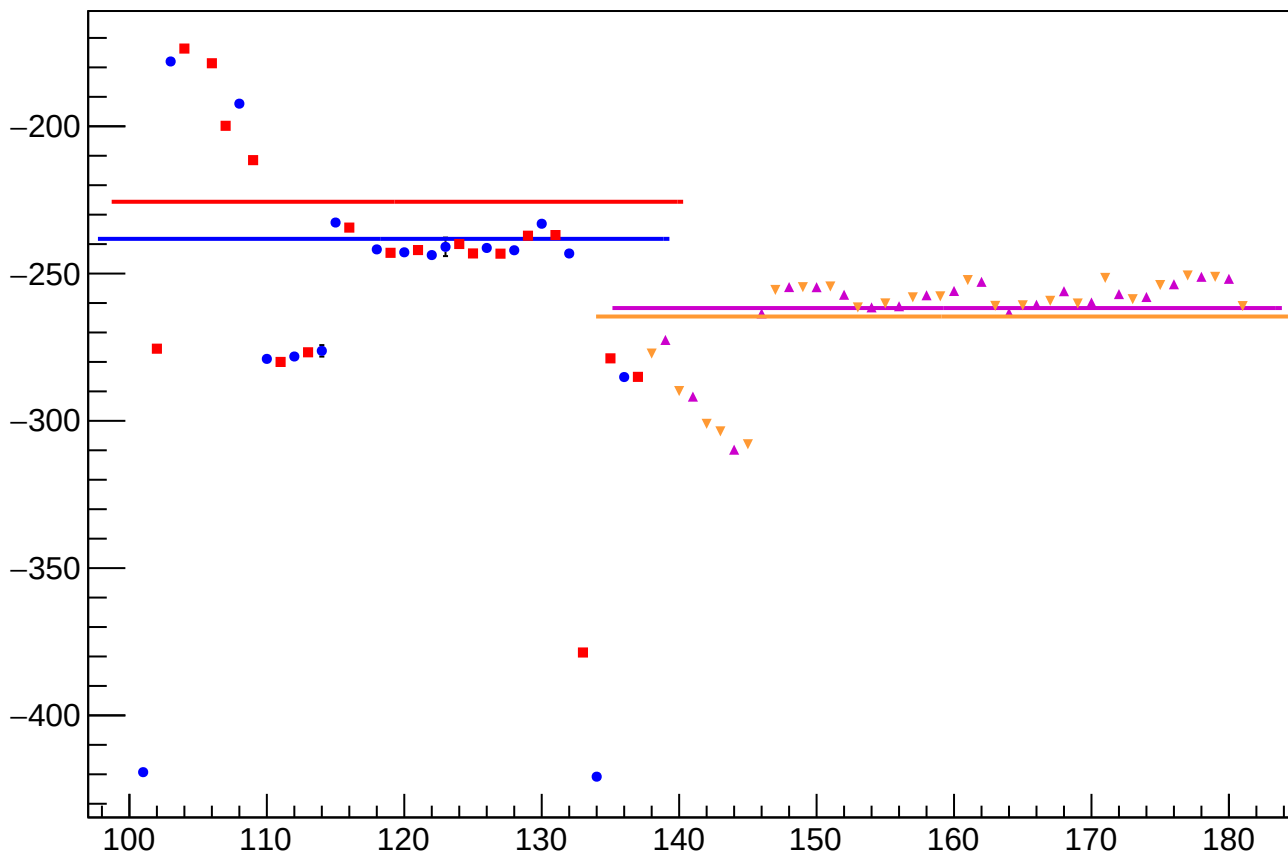
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 146.427 ± 1.581 $\chi^2/\text{NDF}: 1415.3/37$

Out: 143.175 ± 1.515 $\chi^2/\text{NDF}: 1598.1/40$

All: 144.733 ± 1.094 $\chi^2/\text{NDF}: 3015.7/78$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.581+/-0.084 χ^2/NDF : 38226.6/22

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: -263.164+/-0.060 χ^2/NDF : 61953.2/43

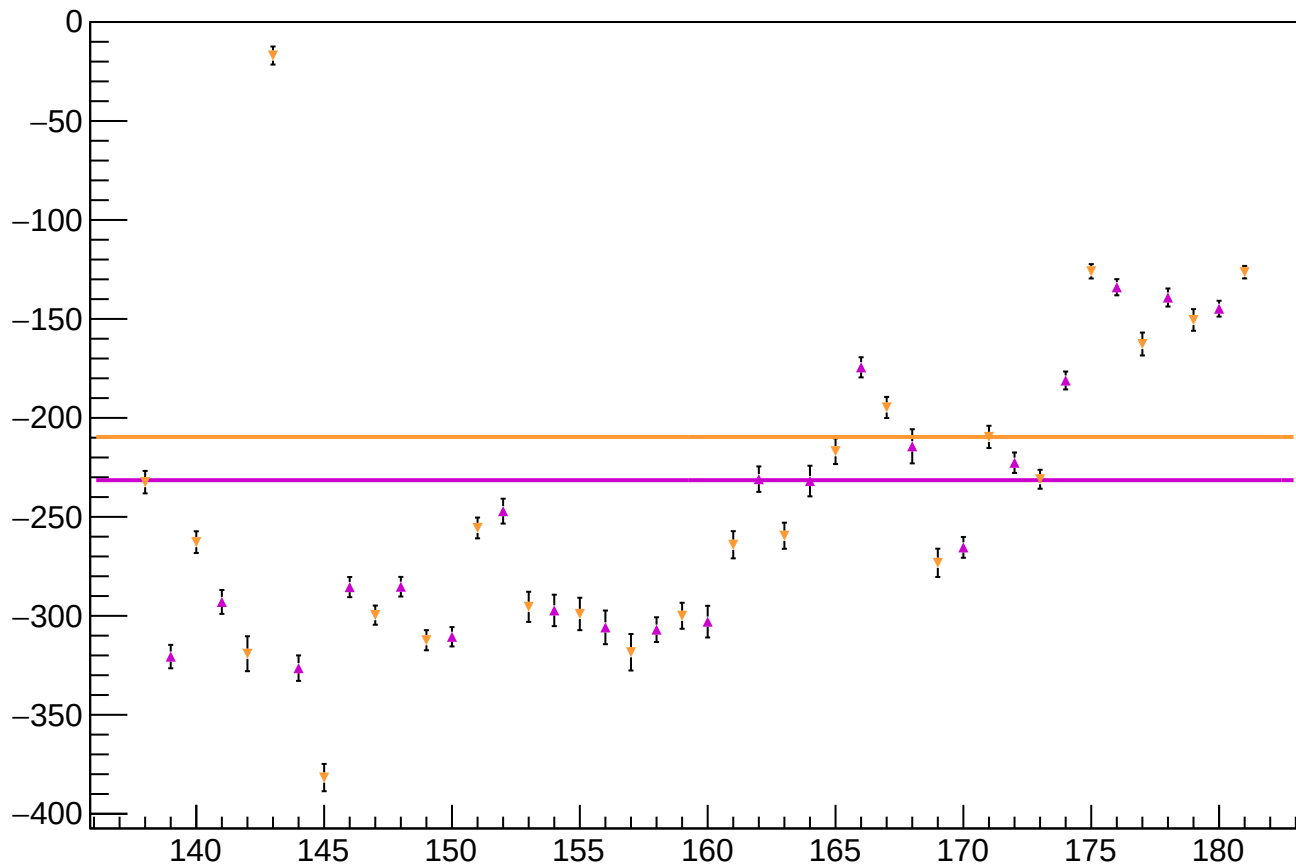
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.509+/-0.075 χ^2/NDF : 207023.1/37

Out: -255.397+/-0.074 χ^2/NDF : 184164.7/40

All: -255.940+/-0.053 χ^2/NDF : 391299.4/78

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: -209.629+/-1.141 χ^2/NDF :5711.4/22

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: -219.914+/-0.830 χ^2/NDF : 9046.2/43

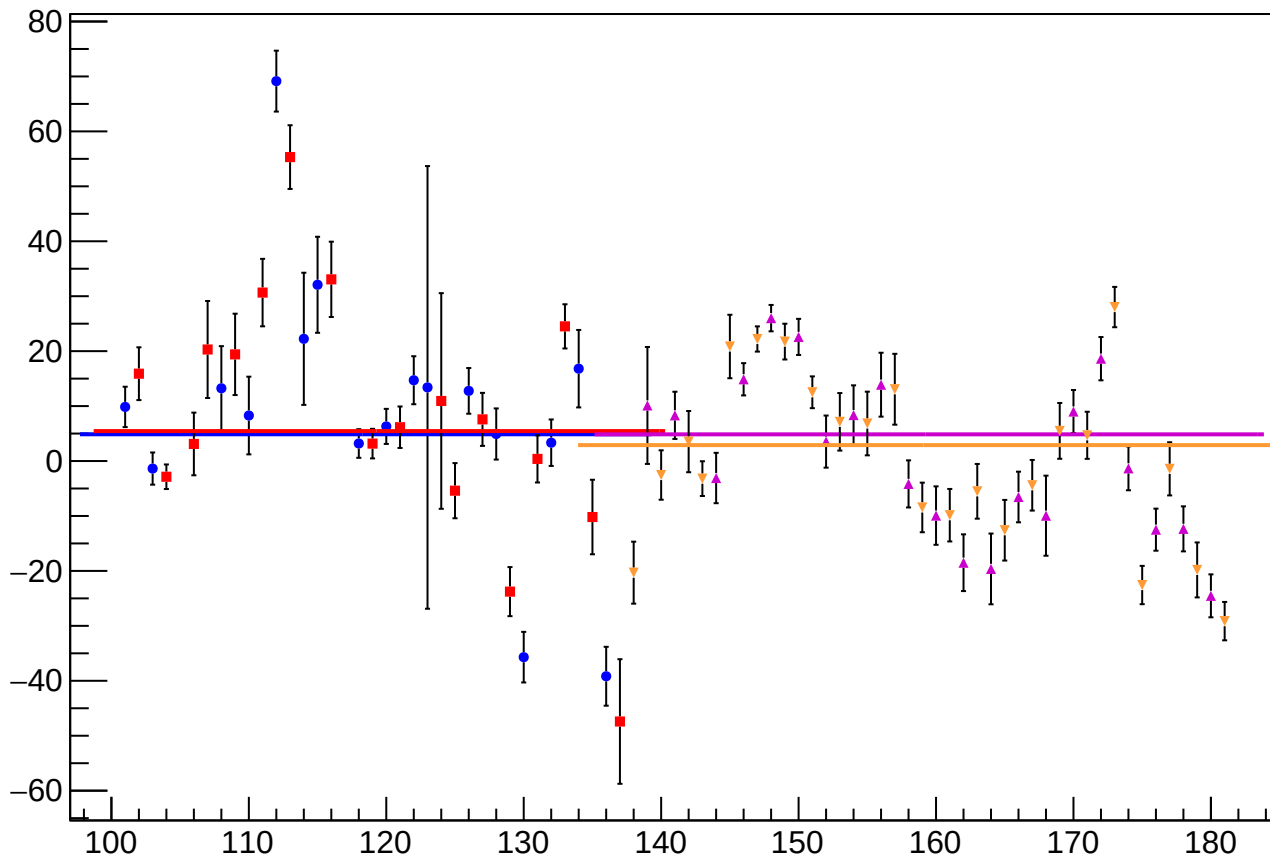
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.466+/-1.209 χ^2/NDF :3162.3/20

Out: -209.629+/-1.141 χ^2/NDF :5711.4/22

All: -219.914+/-0.830 χ^2/NDF : 9046.2/43

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2 /NDF: 311.5/16

Left Out: 2.899 $\pm$ 0.856 χ^2 /NDF:383.7/22

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 4.857 $\pm$ 0.911 χ^2 /NDF:293.1/20

Left: 3.817 $\pm$ 0.624 χ^2 /NDF: 679.2/43

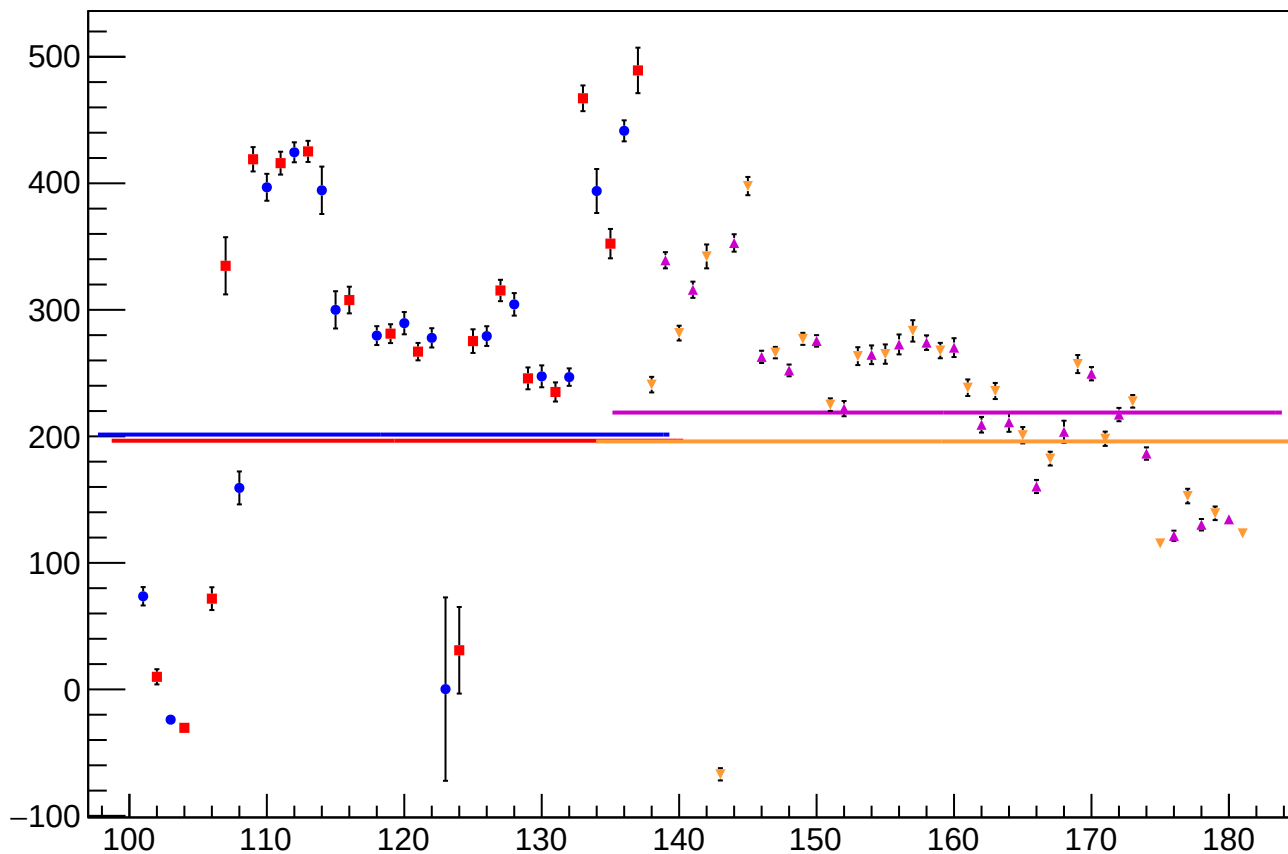
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 4.863 $\pm$ 0.699 χ^2 /NDF:604.6/37

Out: 3.893 $\pm$ 0.669 χ^2 /NDF:618.7/40

All: 4.356 $\pm$ 0.483 χ^2 /NDF: 1224.3/78

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 196.014 $\pm$ 1.140 χ^2 /NDF: 6548.3/22

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 218.818 $\pm$ 1.198 χ^2 /NDF: 3095.1/20

Left: 206.855 $\pm$ 0.826 χ^2 /NDF: 9833.6/43

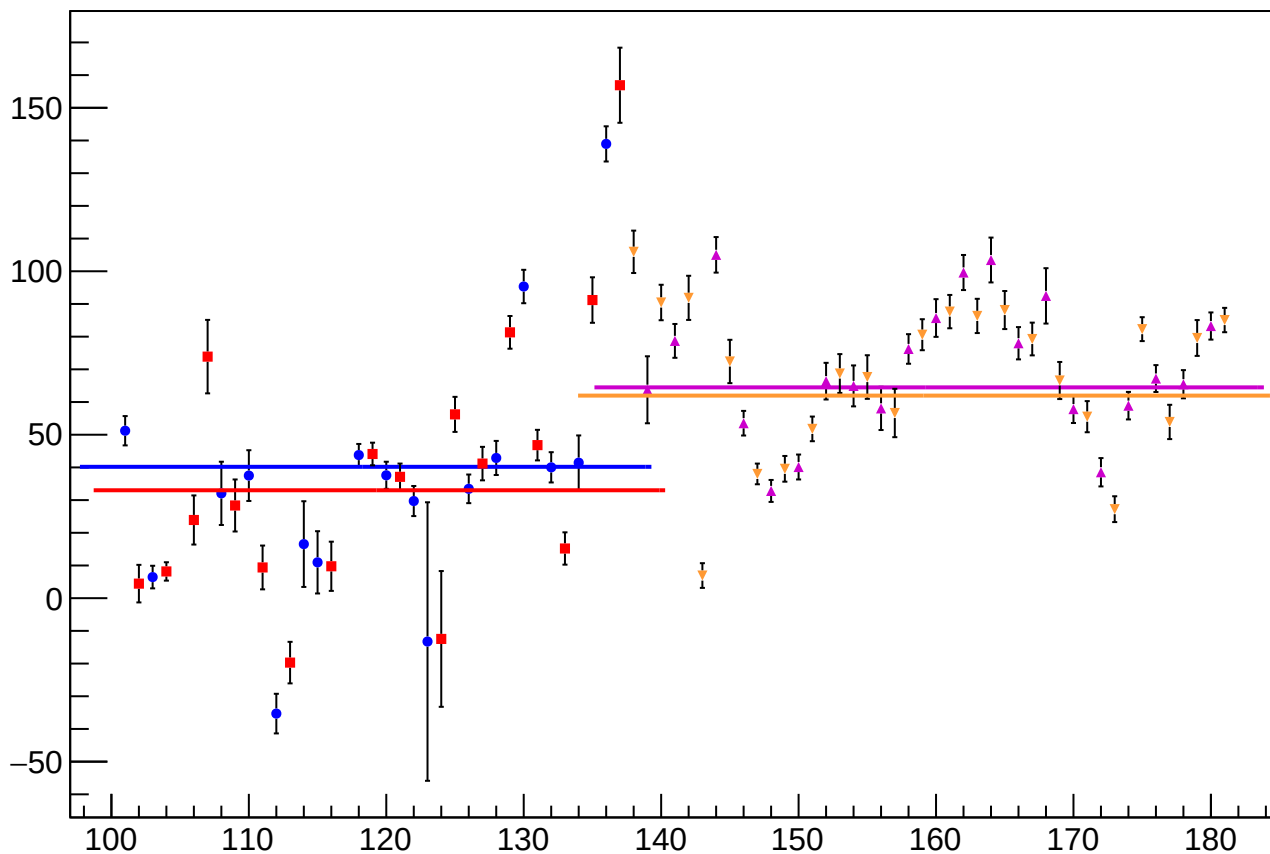
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 214.132 $\pm$ 1.024 χ^2 /NDF: 9892.4/37

Out: 196.156 $\pm$ 0.982 χ^2 /NDF: 14726.4/40

All: 204.767 $\pm$ 0.709 χ^2 /NDF: 24779.4/78

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 61.966 ± 0.990 $\chi^2/\text{NDF}: 664.0/22$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 64.484 ± 1.046 $\chi^2/\text{NDF}: 377.2/20$

Left: 63.156 ± 0.719 $\chi^2/\text{NDF}: 1044.2/43$

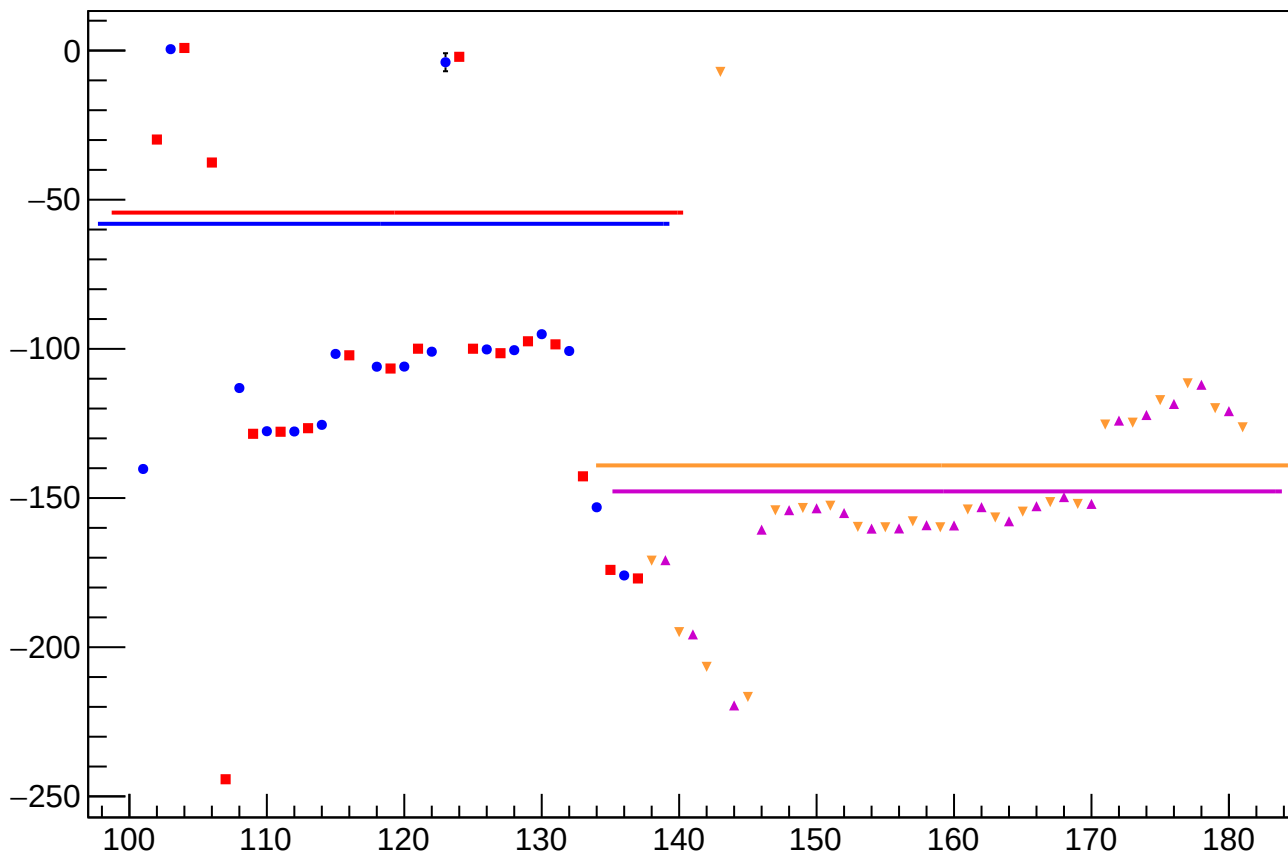
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 54.663 ± 0.807 $\chi^2/\text{NDF}: 1329.4/37$

Out: 50.838 ± 0.777 $\chi^2/\text{NDF}: 1540.1/40$

All: 52.677 ± 0.560 $\chi^2/\text{NDF}: 2881.1/78$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -139.058 ± 0.047 $\chi^2/\text{NDF}: 736295.4/22$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -147.778 ± 0.049 $\chi^2/\text{NDF}: 227814.7/20$

Left: -143.289 ± 0.034 $\chi^2/\text{NDF}: 980536.5/43$

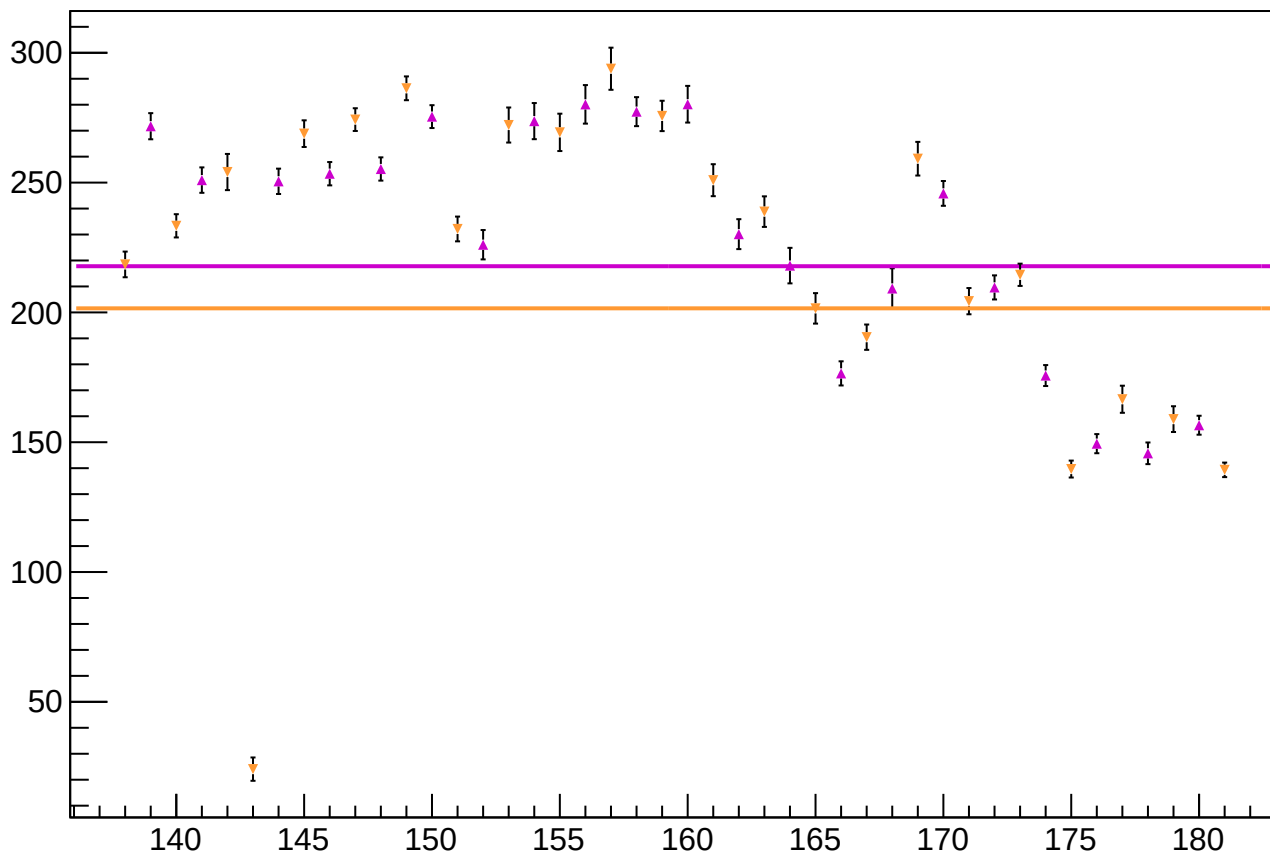
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -113.192 ± 0.038 $\chi^2/\text{NDF}: 2634266.3/37$

Out: -106.800 ± 0.037 $\chi^2/\text{NDF}: 2944673.6/40$

All: -109.914 ± 0.027 $\chi^2/\text{NDF}: 5593250.9/78$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 201.568 $\pm$ 1.015 χ^2/NDF :4171.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 217.793 $\pm$ 1.073 χ^2/NDF :1994.4/20

Left: 209.228 $\pm$ 0.737 χ^2/NDF : 6286.7/43

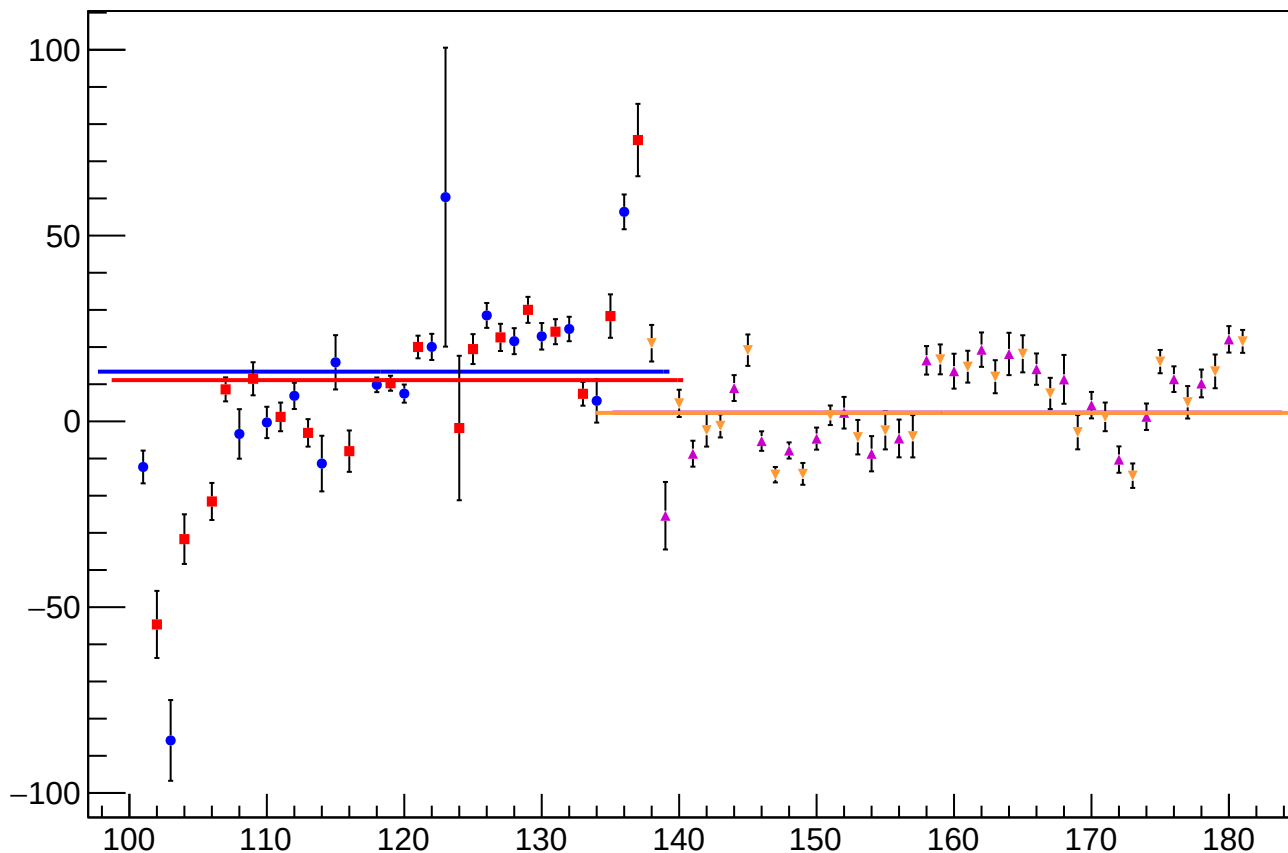
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 217.793 $\pm$ 1.073 χ^2/NDF :1994.4/20

Out: 201.568 $\pm$ 1.015 χ^2/NDF :4171.6/22

All: 209.228 $\pm$ 0.737 χ^2/NDF : 6286.7/43

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: 2.289+/-0.764 χ^2 /NDF:263.0/22

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: 2.326+/-0.556 χ^2 /NDF: 434.1/43

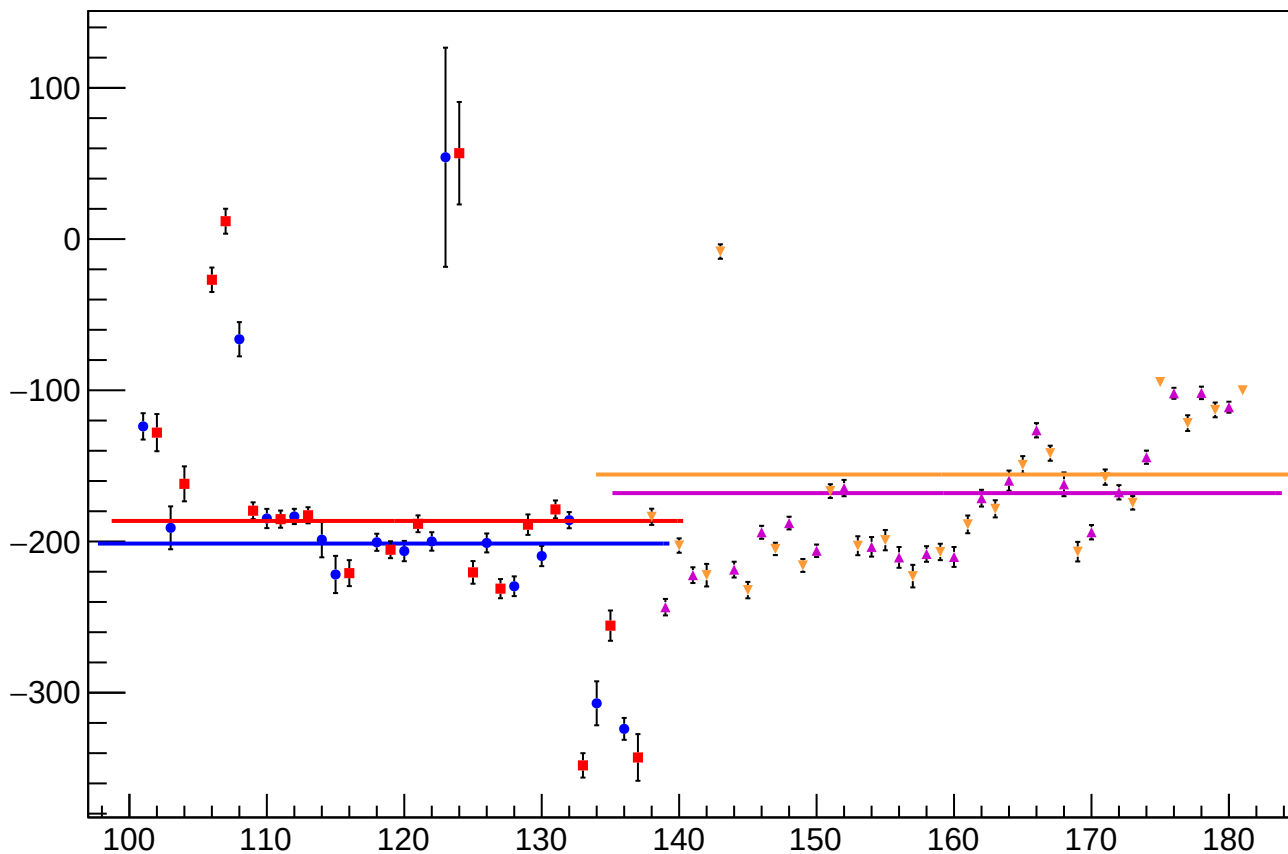
Right: 12.236+/-0.649 χ^2 /NDF: 589.4/34

In: 7.166+/-0.608 χ^2 /NDF:545.9/37

Out: 5.908+/-0.587 χ^2 /NDF:609.9/40

All: 6.515+/-0.422 χ^2 /NDF: 1158.0/78

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: -155.700+/-1.015 χ^2/NDF : 2941.9/22

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: -161.561+/-0.735 χ^2/NDF : 4689.0/43

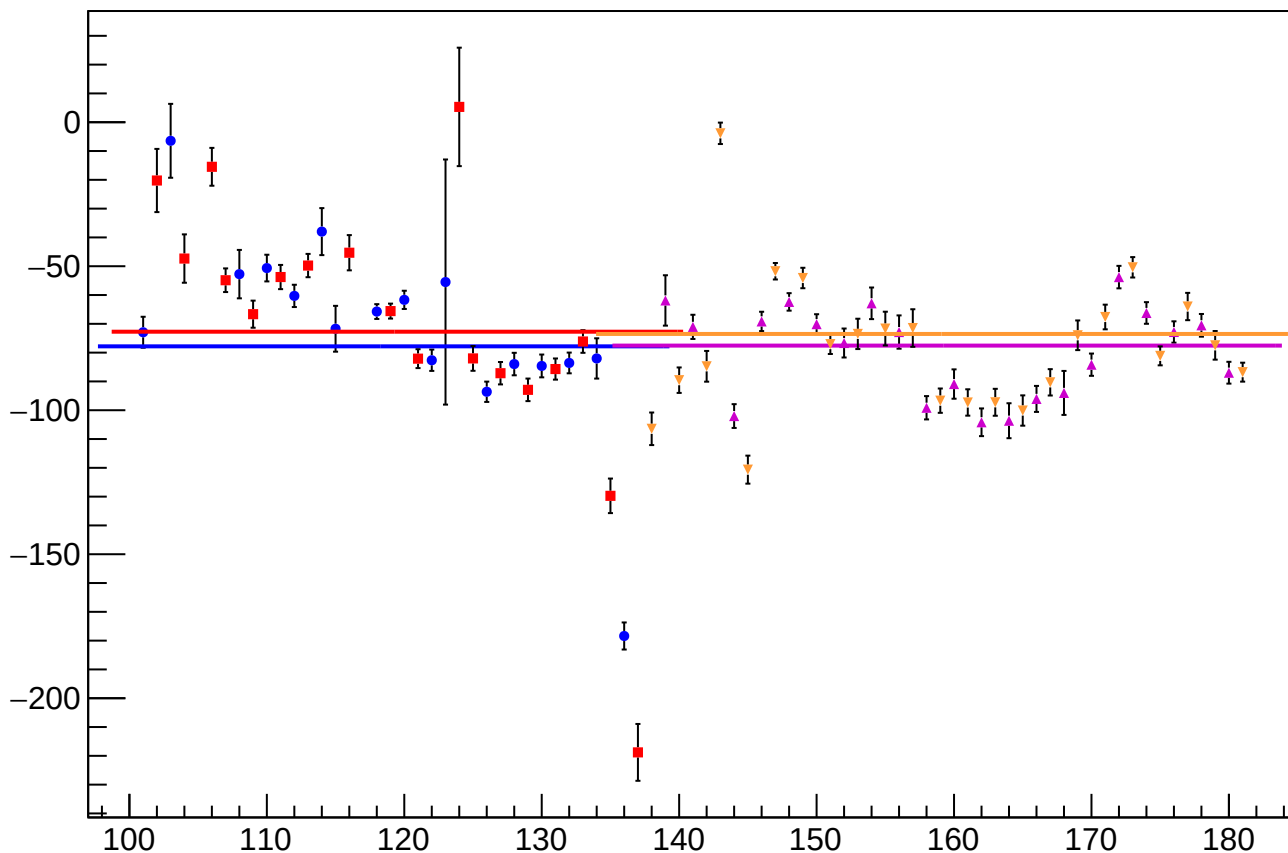
Right: -193.544+/-1.232 χ^2/NDF : 2361.2/34

In: -176.766+/-0.914 χ^2/NDF : 2560.0/37

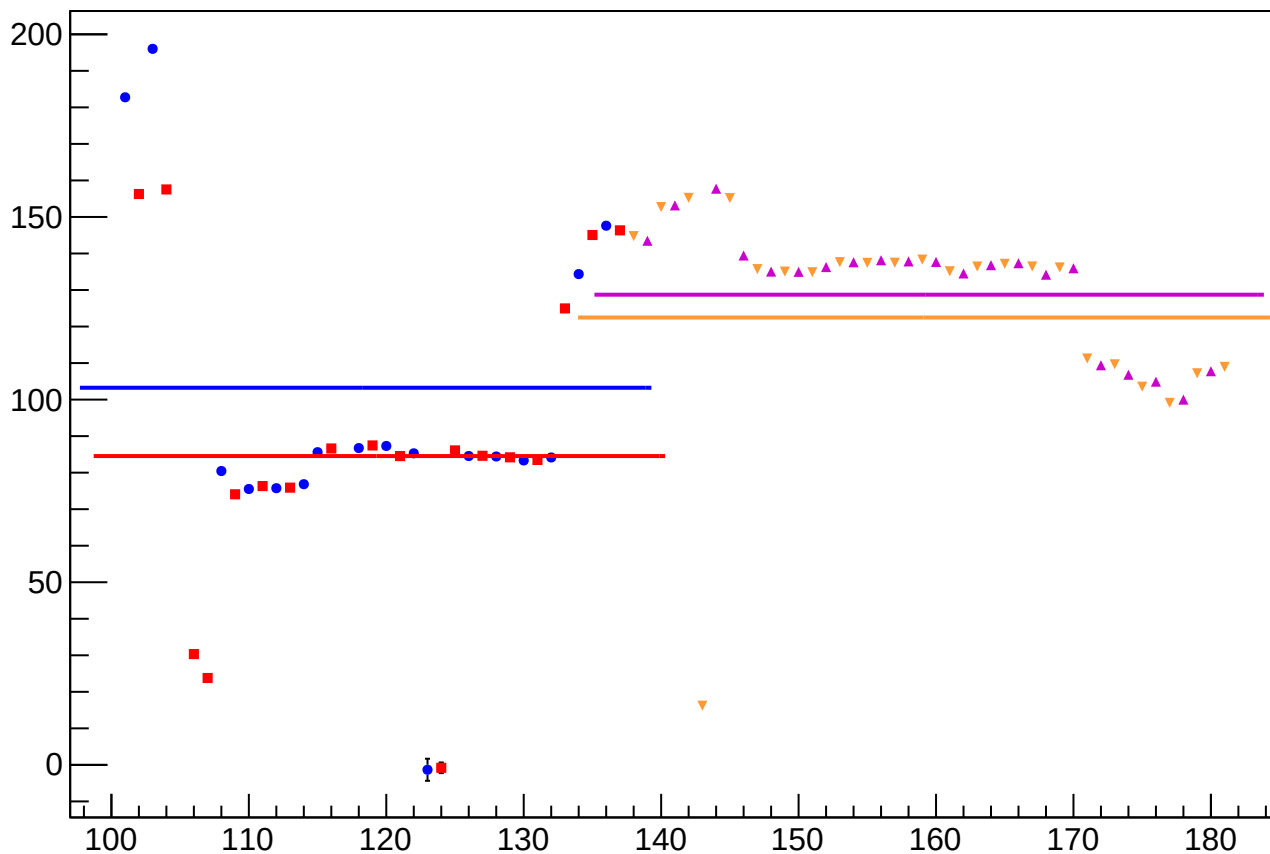
Out: -163.748+/-0.872 χ^2/NDF : 4881.2/40

All: -169.951+/-0.631 χ^2/NDF : 7547.5/78

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 122.472 $\pm$ 0.042 χ^2 /NDF: 474118.2/22

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: 125.512 $\pm$ 0.030 χ^2 /NDF: 627646.4/43

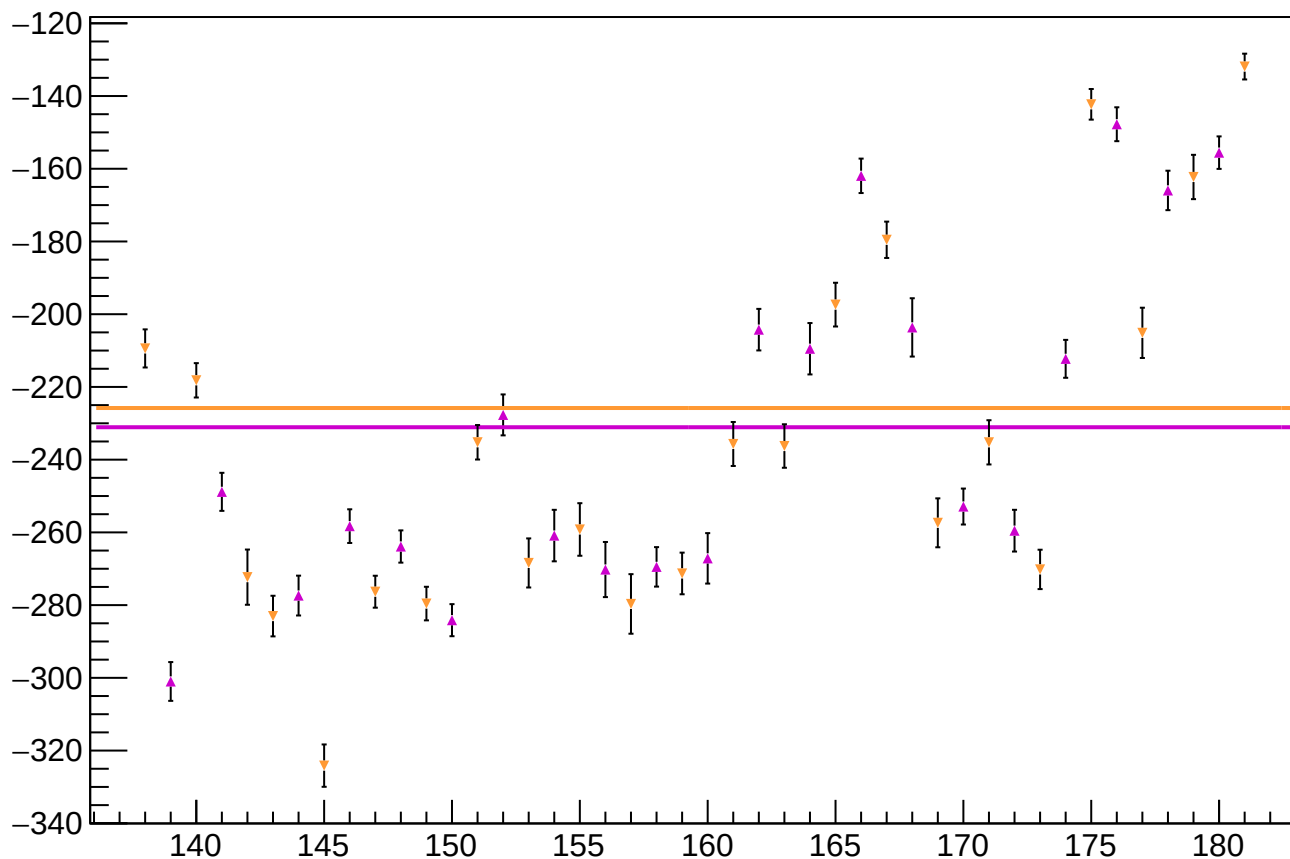
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 121.733 $\pm$ 0.037 χ^2 /NDF: 511086.8/37

Out: 110.970 $\pm$ 0.035 χ^2 /NDF: 1130905.5/40

All: 116.097 $\pm$ 0.025 χ^2 /NDF: 1686536.5/78

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: -225.797+/-1.132 χ^2/NDF :2297.1/22

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: -228.347+/-0.815 χ^2/NDF : 3981.1/43

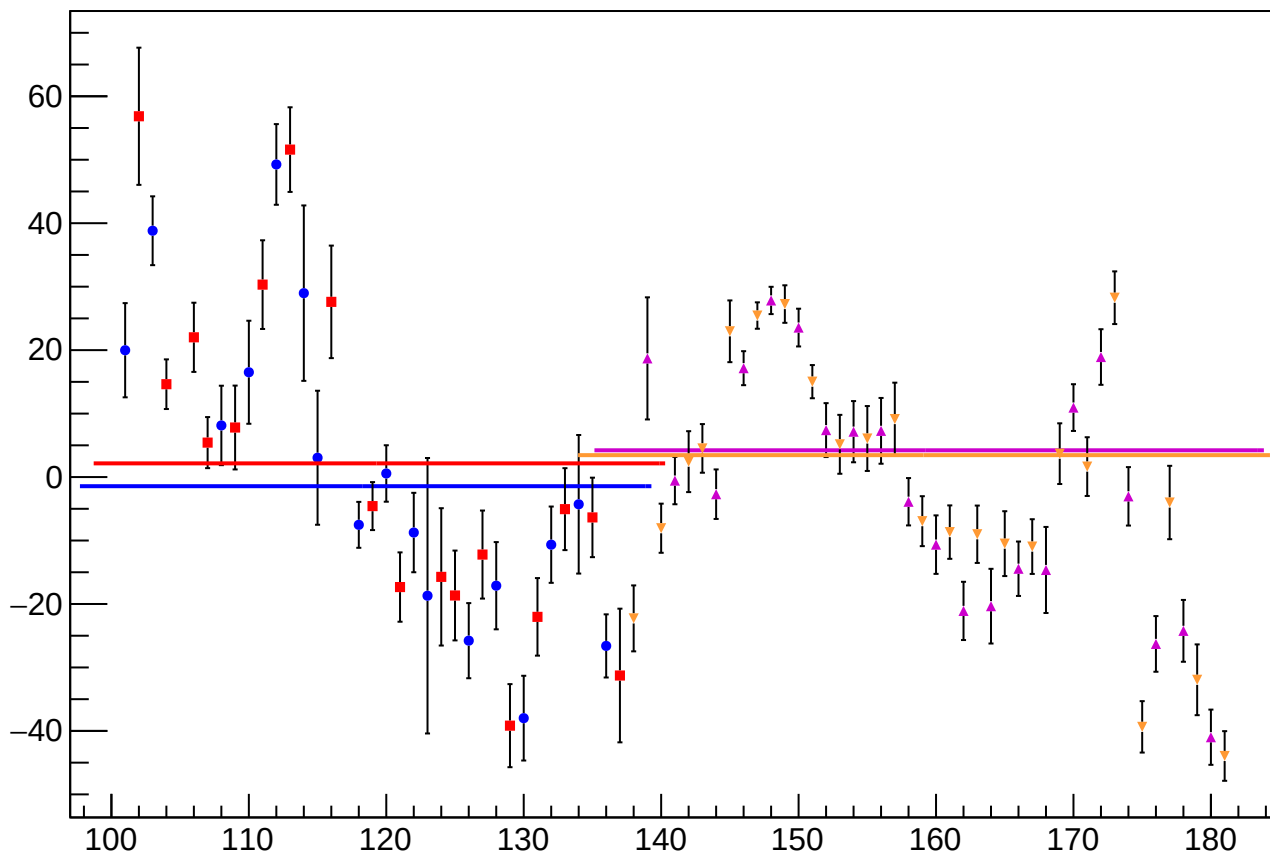
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -231.084+/-1.173 χ^2/NDF :1673.5/20

Out: -225.797+/-1.132 χ^2/NDF :2297.1/22

All: -228.347+/-0.815 χ^2/NDF : 3981.1/43

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 3.453 ± 0.827 $\chi^2/\text{NDF}: 625.0/22$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 4.218 ± 0.862 $\chi^2/\text{NDF}: 491.8/20$

Left: 3.819 ± 0.597 $\chi^2/\text{NDF}: 1117.2/43$

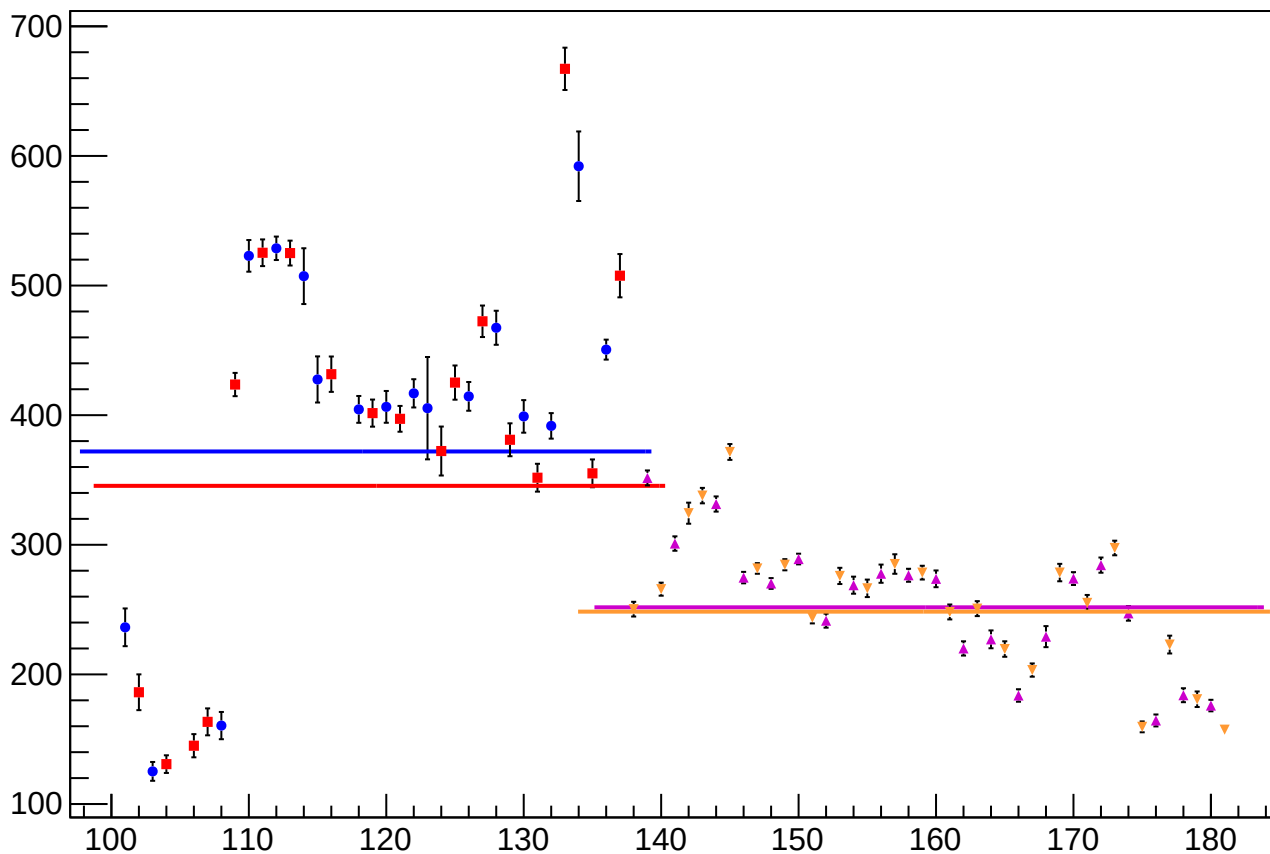
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 2.835 ± 0.750 $\chi^2/\text{NDF}: 726.7/37$

Out: 3.118 ± 0.712 $\chi^2/\text{NDF}: 855.8/40$

All: 2.984 ± 0.516 $\chi^2/\text{NDF}: 1582.6/78$

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: 248.425 $\pm$ 1.126 χ^2 /NDF:2348.3/22

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: 250.042 $\pm$ 0.807 χ^2 /NDF: 4214.8/43

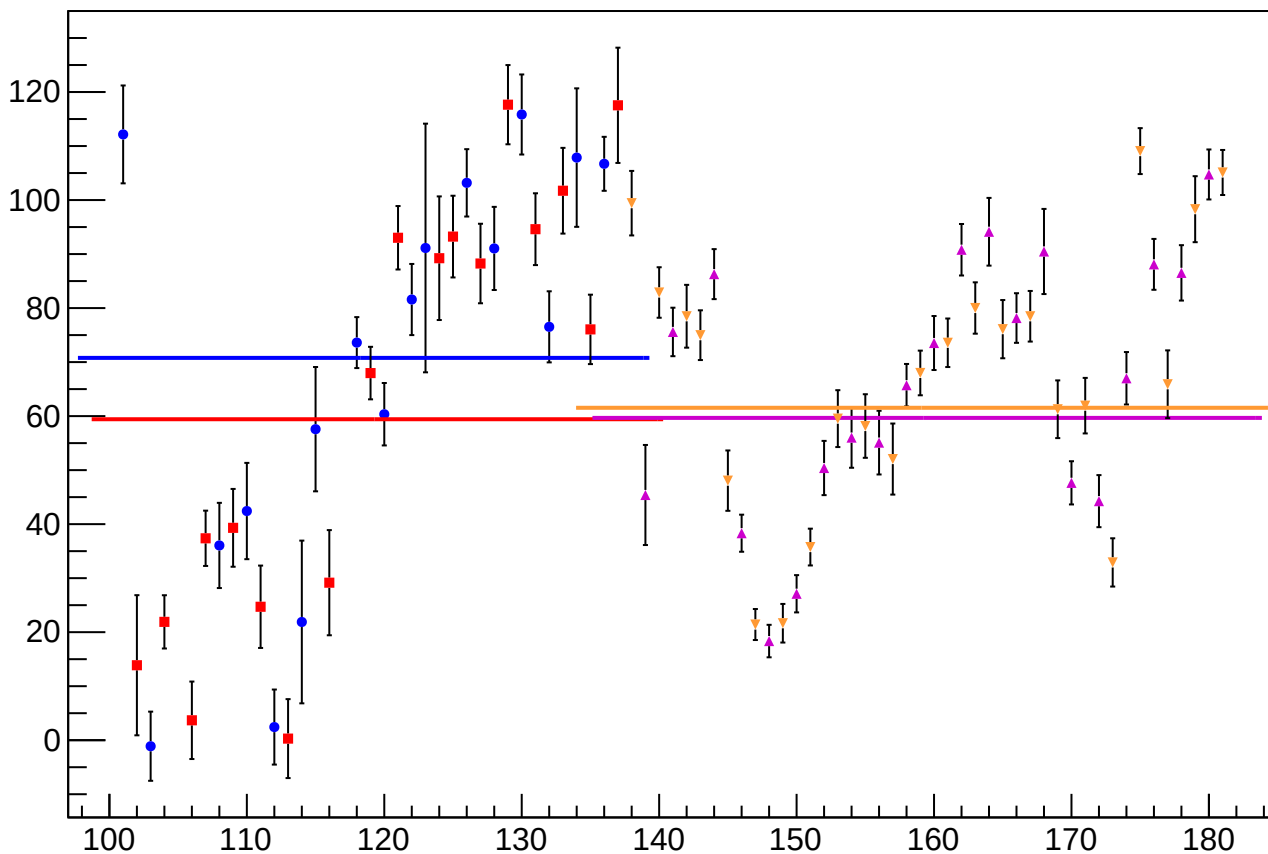
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 269.682 $\pm$ 1.068 χ^2 /NDF:5903.1/37

Out: 264.106 $\pm$ 1.031 χ^2 /NDF:6950.7/40

All: 266.796 $\pm$ 0.742 χ^2 /NDF: 12868.0/78

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: 61.542 $\pm$ 0.964 χ^2 /NDF:820.7/22

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: 60.639 $\pm$ 0.693 χ^2 /NDF: 1486.1/43

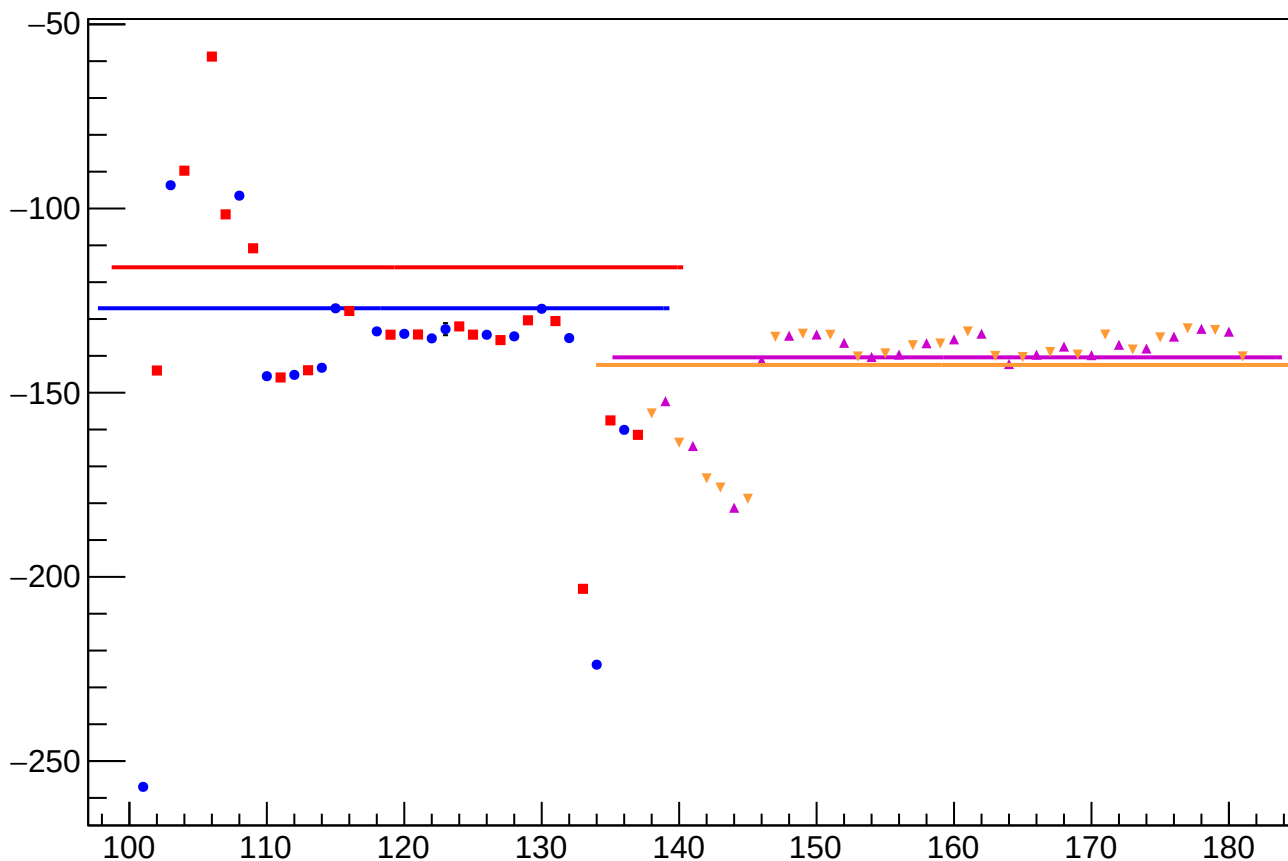
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 62.406 $\pm$ 0.867 χ^2 /NDF:1118.0/37

Out: 60.993 $\pm$ 0.830 χ^2 /NDF:1308.5/40

All: 61.669 $\pm$ 0.599 χ^2 /NDF: 2428.0/78

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: -142.460 ± 0.046 χ^2/NDF : 78612.9/22

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: -141.441 ± 0.033 χ^2/NDF : 127450.9/43

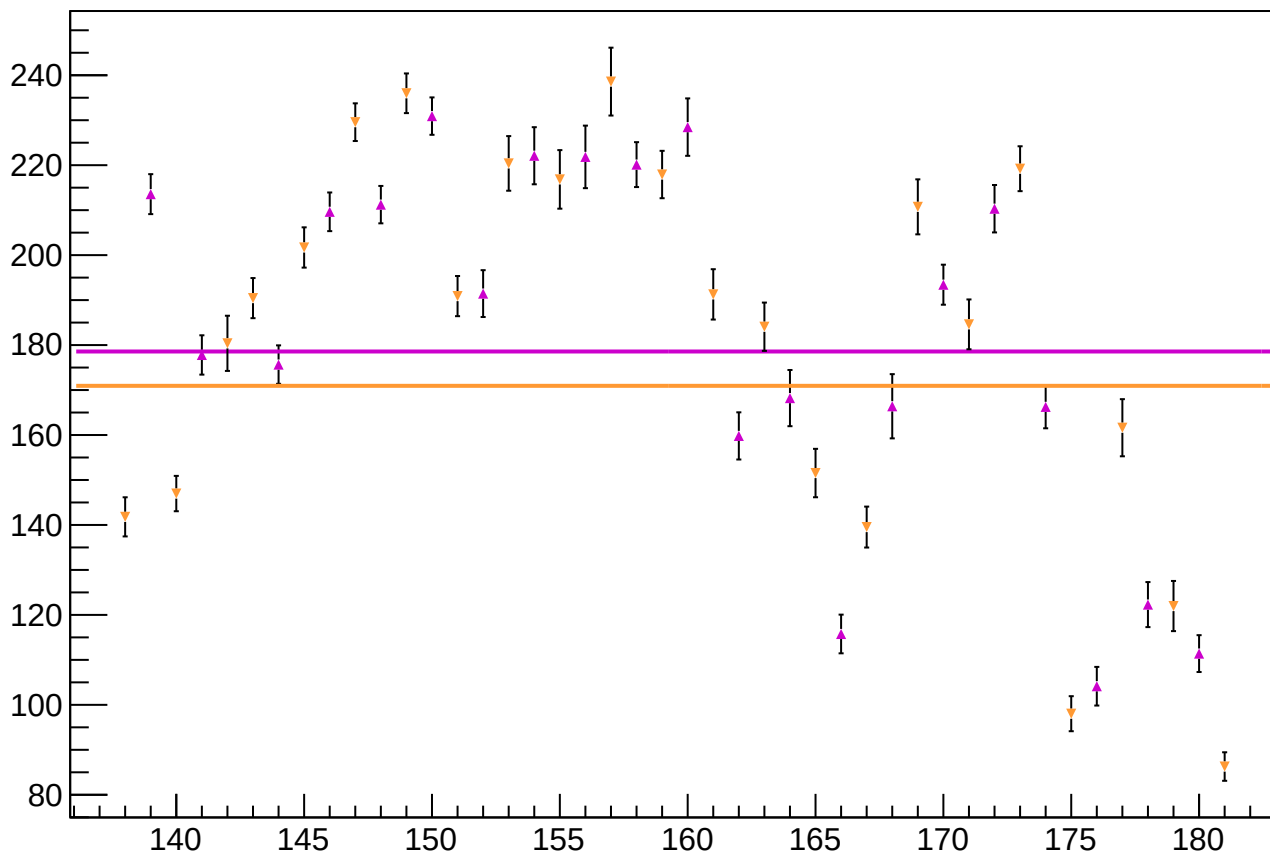
Right: -121.099 ± 0.061 χ^2/NDF : 334303.0/34

In: -137.538 ± 0.041 χ^2/NDF : 232283.5/37

Out: -136.161 ± 0.040 χ^2/NDF : 315280.6/40

All: -136.832 ± 0.029 χ^2/NDF : 548128.1/78

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: 170.938+/-1.011 χ^2/NDF :2224.0/22

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: 174.584+/-0.731 χ^2/NDF : 3789.3/43

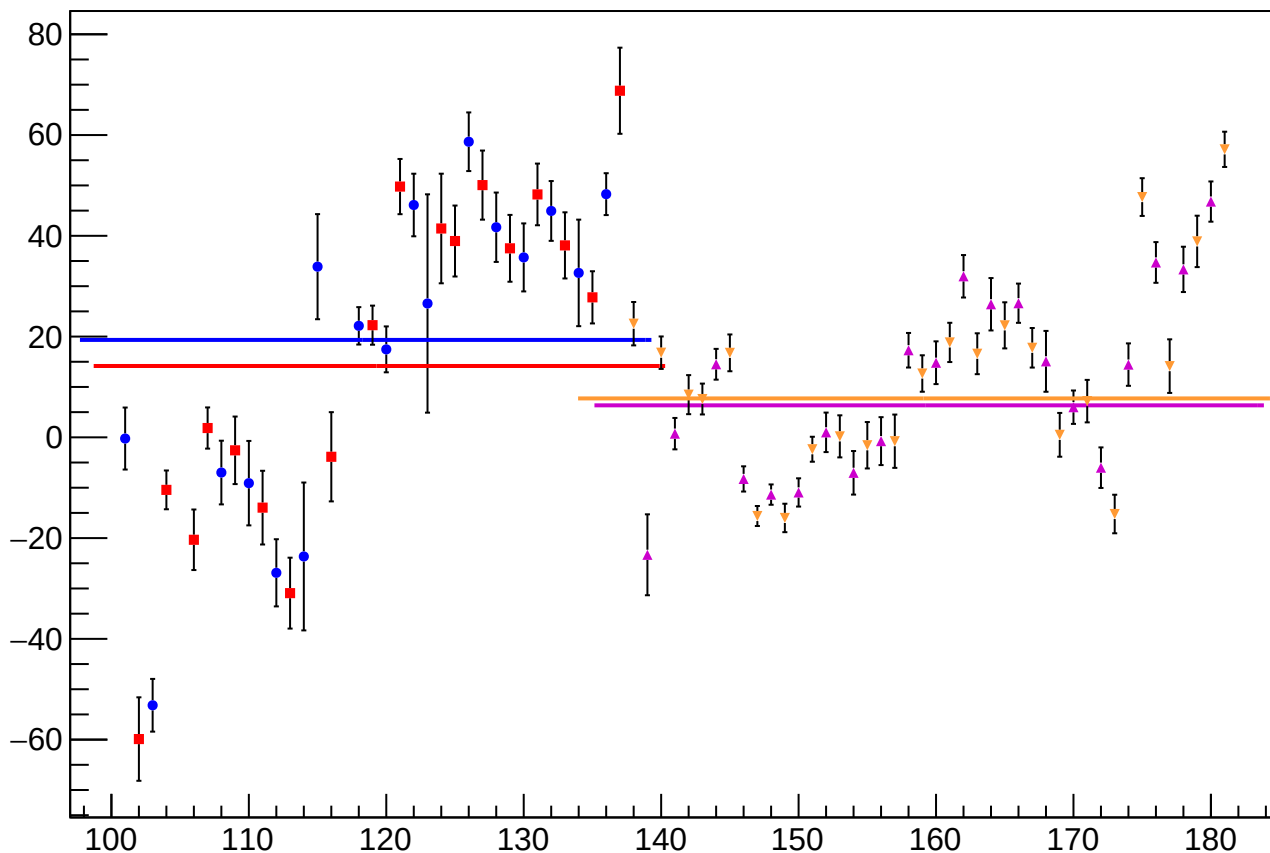
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 178.573+/-1.057 χ^2/NDF :1538.1/20

Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

All: 174.584+/-0.731 χ^2/NDF : 3789.3/43

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 7.723 $\pm$ 0.745 χ^2 /NDF: 683.6/22

Right Out: 14.162 $\pm$ 1.391 χ^2 /NDF: 426.0/17

Left In: 6.351 $\pm$ 0.783 χ^2 /NDF: 483.1/20

Left: 7.071 $\pm$ 0.540 χ^2 /NDF: 1168.3/43

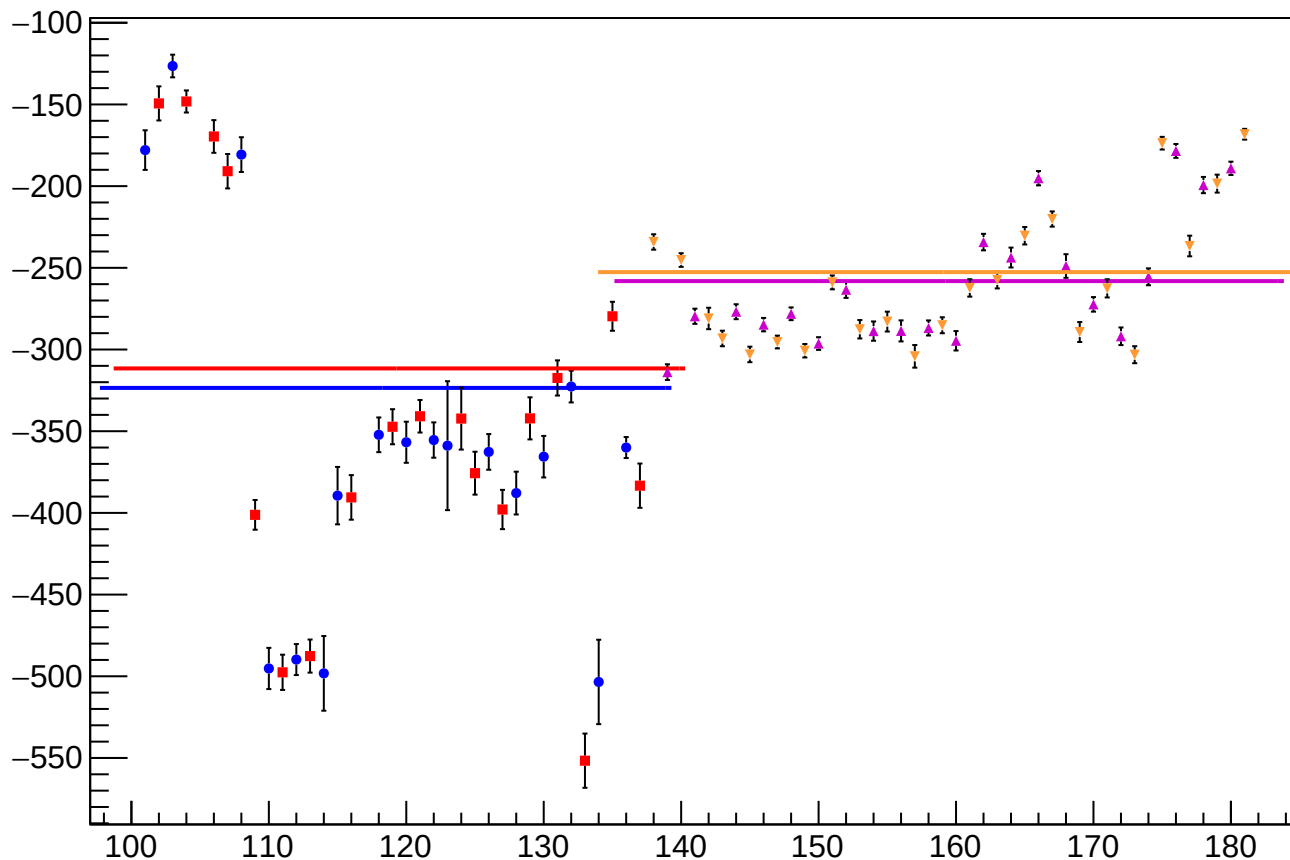
Right: 16.585 $\pm$ 1.014 χ^2 /NDF: 872.4/34

In: 9.185 $\pm$ 0.692 χ^2 /NDF: 982.9/37

Out: 9.159 $\pm$ 0.657 χ^2 /NDF: 1126.3/40

All: 9.171 $\pm$ 0.477 χ^2 /NDF: 2109.2/78

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -252.616 ± 1.010 χ^2/NDF : 2018.5/22

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -258.116 ± 1.047 χ^2/NDF : 1528.1/20

Left: -255.268 ± 0.727 χ^2/NDF : 3560.9/43

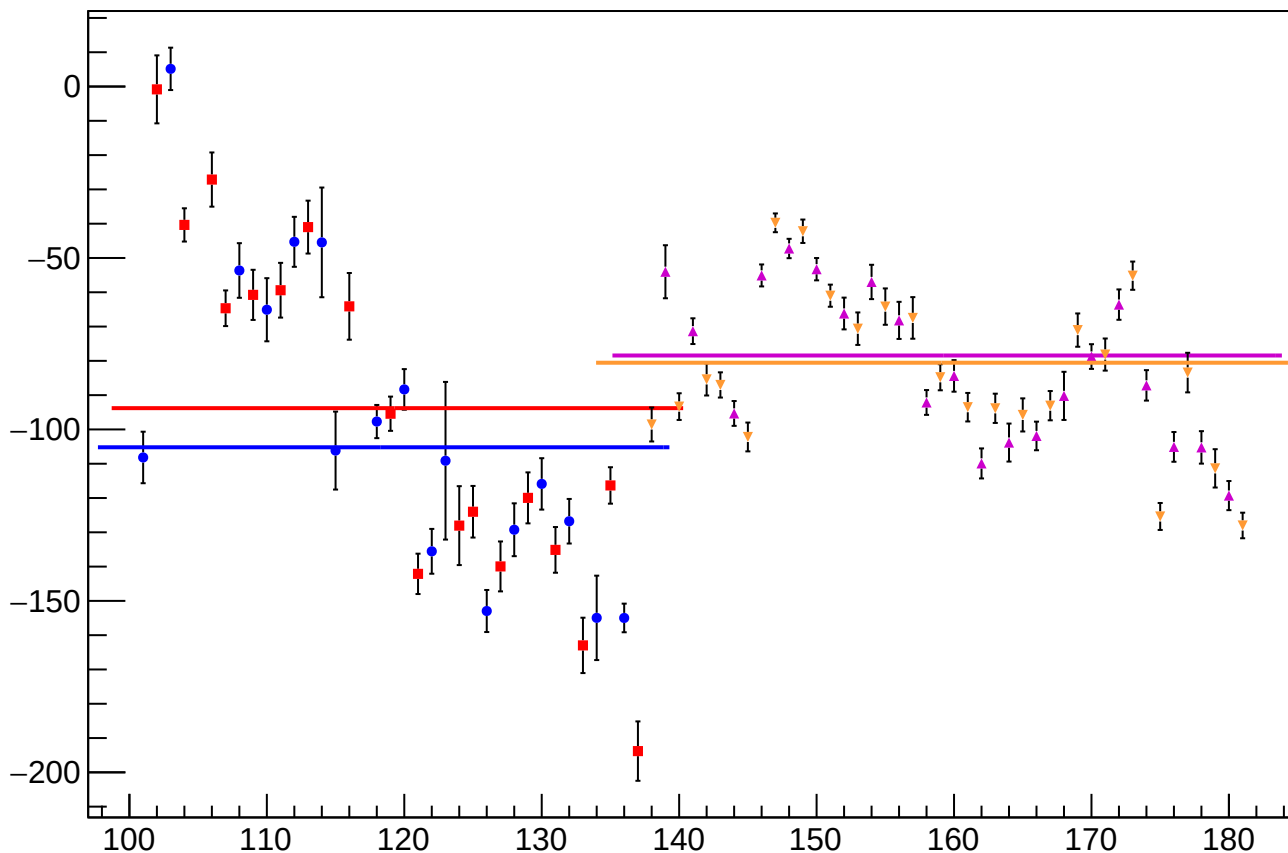
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -266.811 ± 0.975 χ^2/NDF : 3894.4/37

Out: -260.738 ± 0.938 χ^2/NDF : 4731.6/40

All: -263.658 ± 0.676 χ^2/NDF : 8646.2/78

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: -80.545 ± 0.867 χ^2/NDF : 862.1/22

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: -79.537 ± 0.626 χ^2/NDF : 1465.0/43

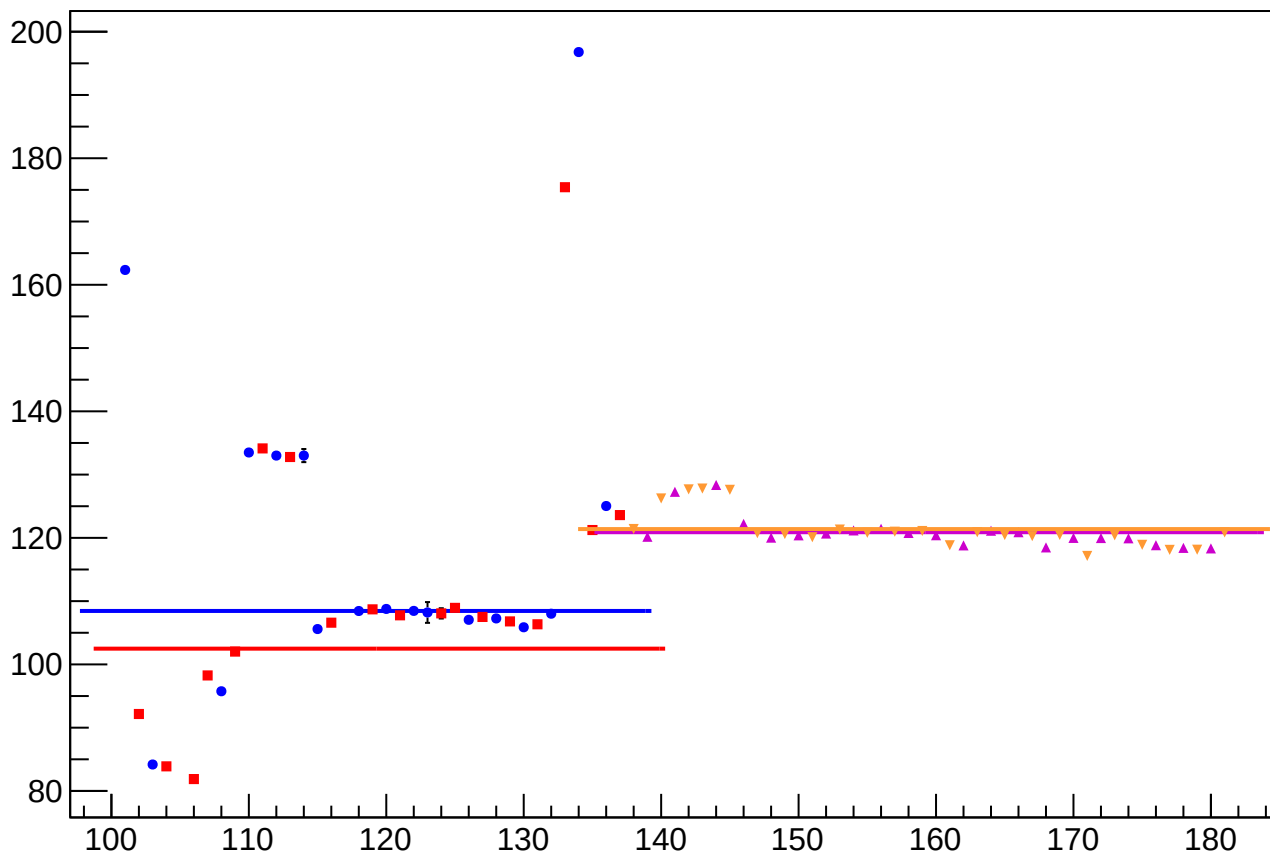
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -84.368 ± 0.799 χ^2/NDF : 1529.4/37

Out: -83.519 ± 0.763 χ^2/NDF : 1730.0/40

All: -83.925 ± 0.552 χ^2/NDF : 3259.9/78

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: 121.389 $\pm$ 0.042 χ^2 /NDF: 4834.7/22

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: 121.146 $\pm$ 0.030 χ^2 /NDF: 8227.1/43

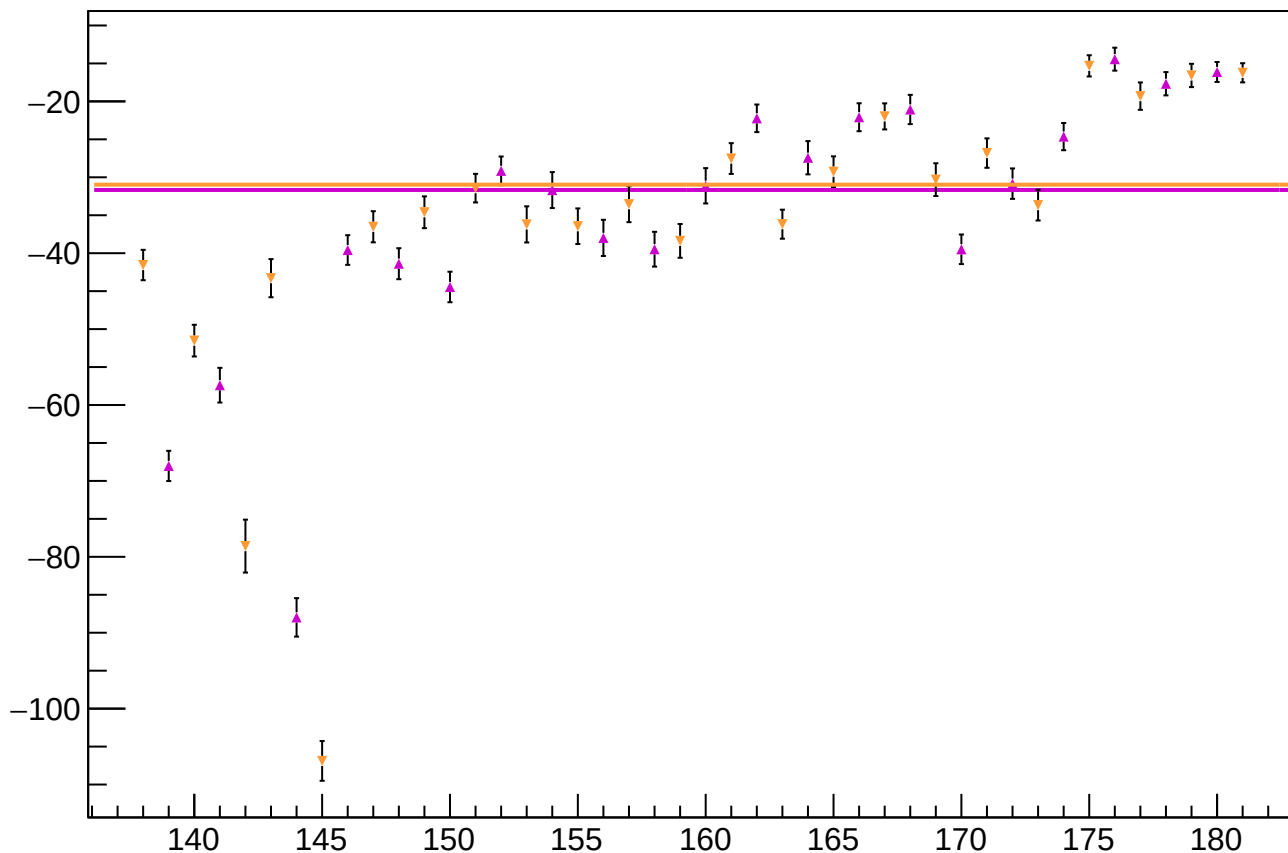
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.413 $\pm$ 0.038 χ^2 /NDF: 93835.8/37

Out: 117.347 $\pm$ 0.037 χ^2 /NDF: 102056.4/40

All: 117.865 $\pm$ 0.026 χ^2 /NDF: 196300.0/78

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: -30.974+/-0.407 χ^2/NDF :1645.2/22

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: -31.312+/-0.292 χ^2/NDF : 3172.2/43

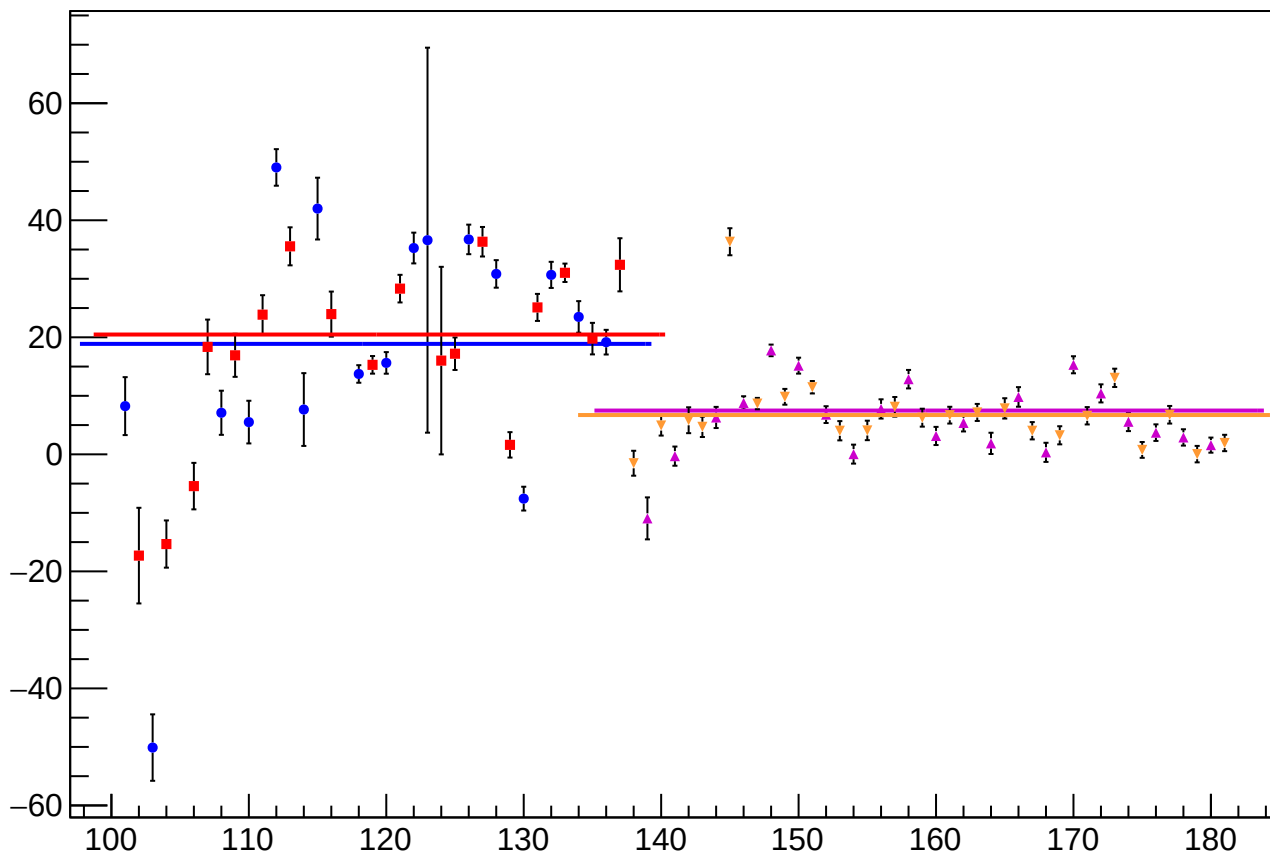
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.671+/-0.419 χ^2/NDF :1525.6/20

Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

All: -31.312+/-0.292 χ^2/NDF : 3172.2/43

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 $\chi^2/\text{NDF}: 620.5/16$

Left Out: 6.716 ± 0.311 $\chi^2/\text{NDF}: 296.0/22$

Right Out: 20.474 ± 0.644 $\chi^2/\text{NDF}: 362.4/17$

Left In: 7.483 ± 0.324 $\chi^2/\text{NDF}: 336.0/20$

Left: 7.085 ± 0.224 $\chi^2/\text{NDF}: 635.0/43$

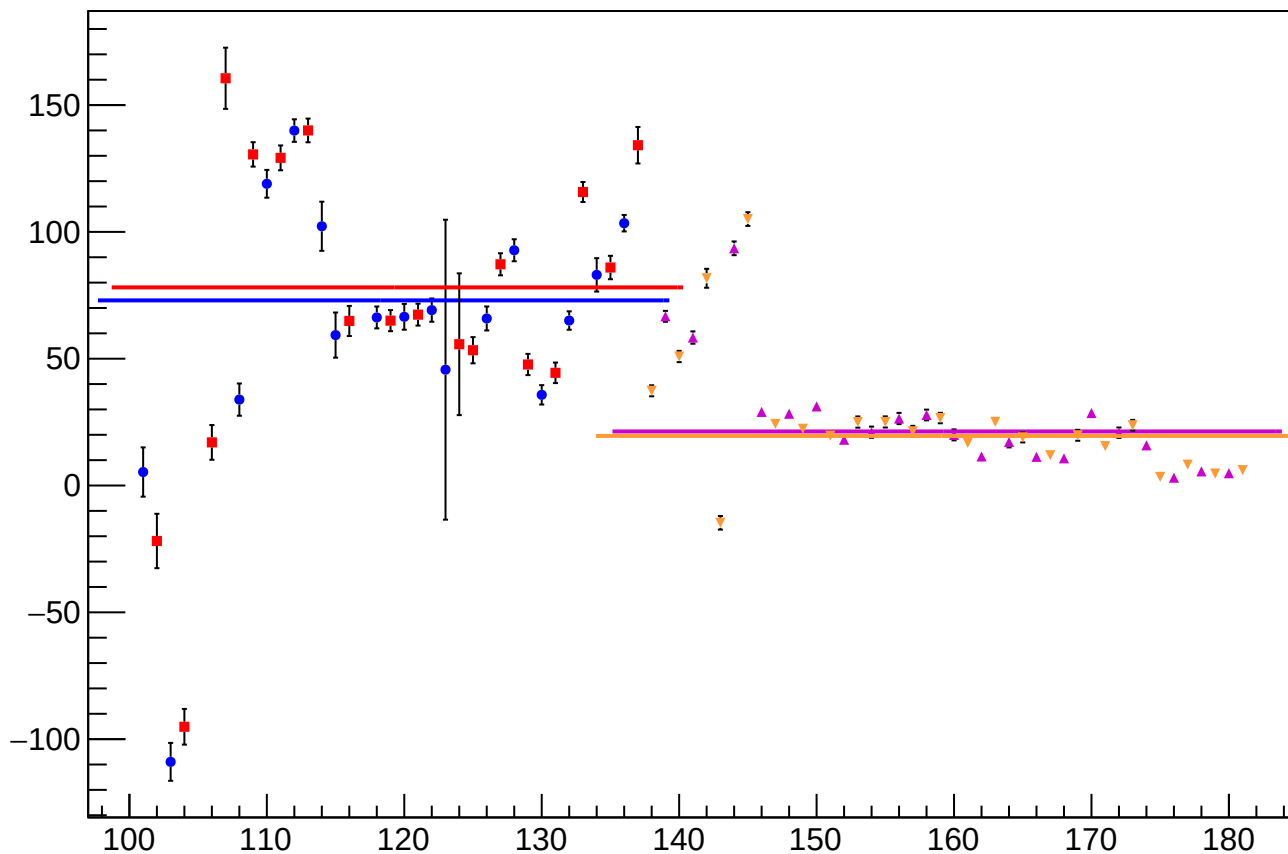
Right: 19.676 ± 0.455 $\chi^2/\text{NDF}: 986.0/34$

In: 9.780 ± 0.289 $\chi^2/\text{NDF}: 1206.0/37$

Out: 9.326 ± 0.280 $\chi^2/\text{NDF}: 1028.8/40$

All: 9.546 ± 0.201 $\chi^2/\text{NDF}: 2236.1/78$

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: 19.548 $\pm$ 0.404 χ^2 /NDF:2153.7/22

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: 20.408 $\pm$ 0.289 χ^2 /NDF: 4153.3/43

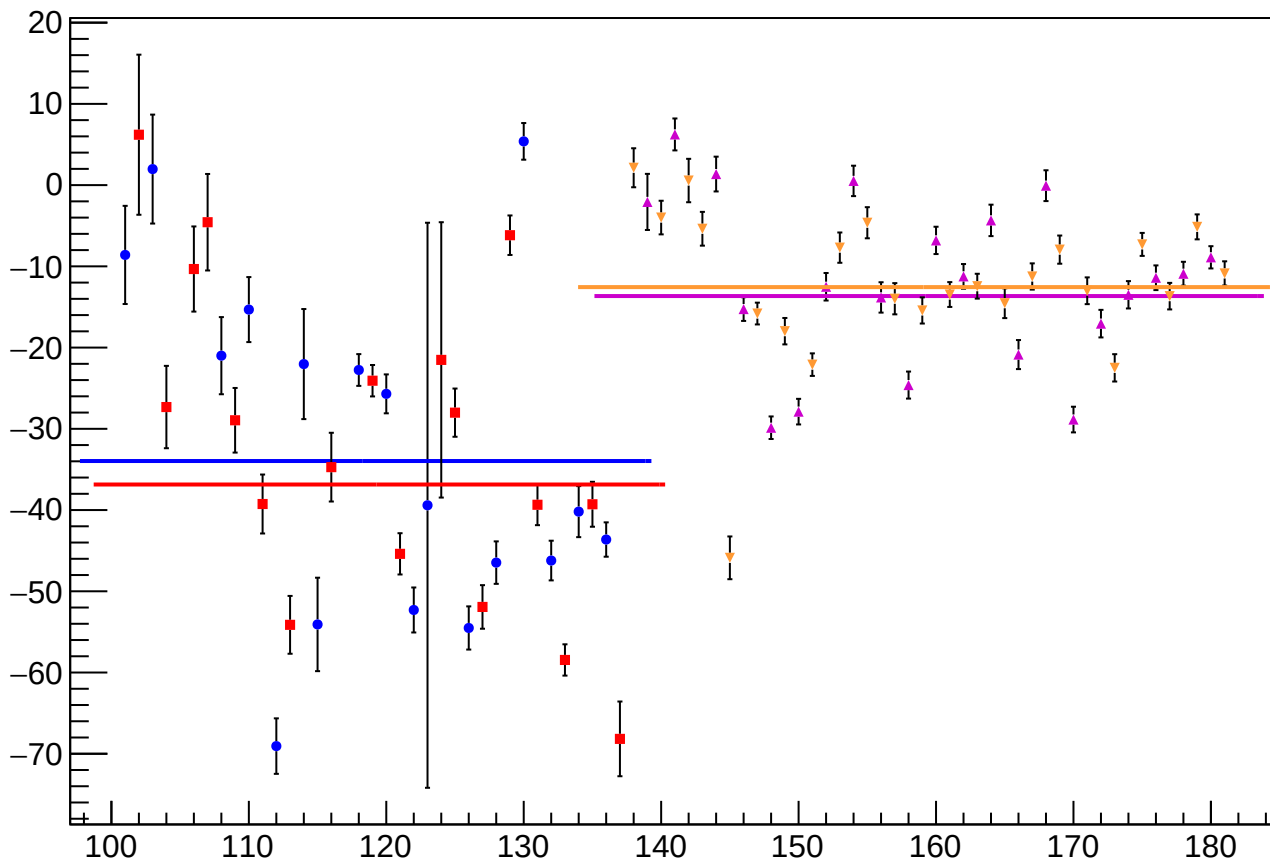
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 26.569 $\pm$ 0.392 χ^2 /NDF:4781.5/37

Out: 25.293 $\pm$ 0.383 χ^2 /NDF:5766.2/40

All: 25.917 $\pm$ 0.274 χ^2 /NDF: 10553.1/78

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -12.555 ± 0.355 χ^2/NDF : 426.1/22

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -13.656 ± 0.367 χ^2/NDF : 707.3/20

Left: -13.087 ± 0.255 χ^2/NDF : 1138.1/43

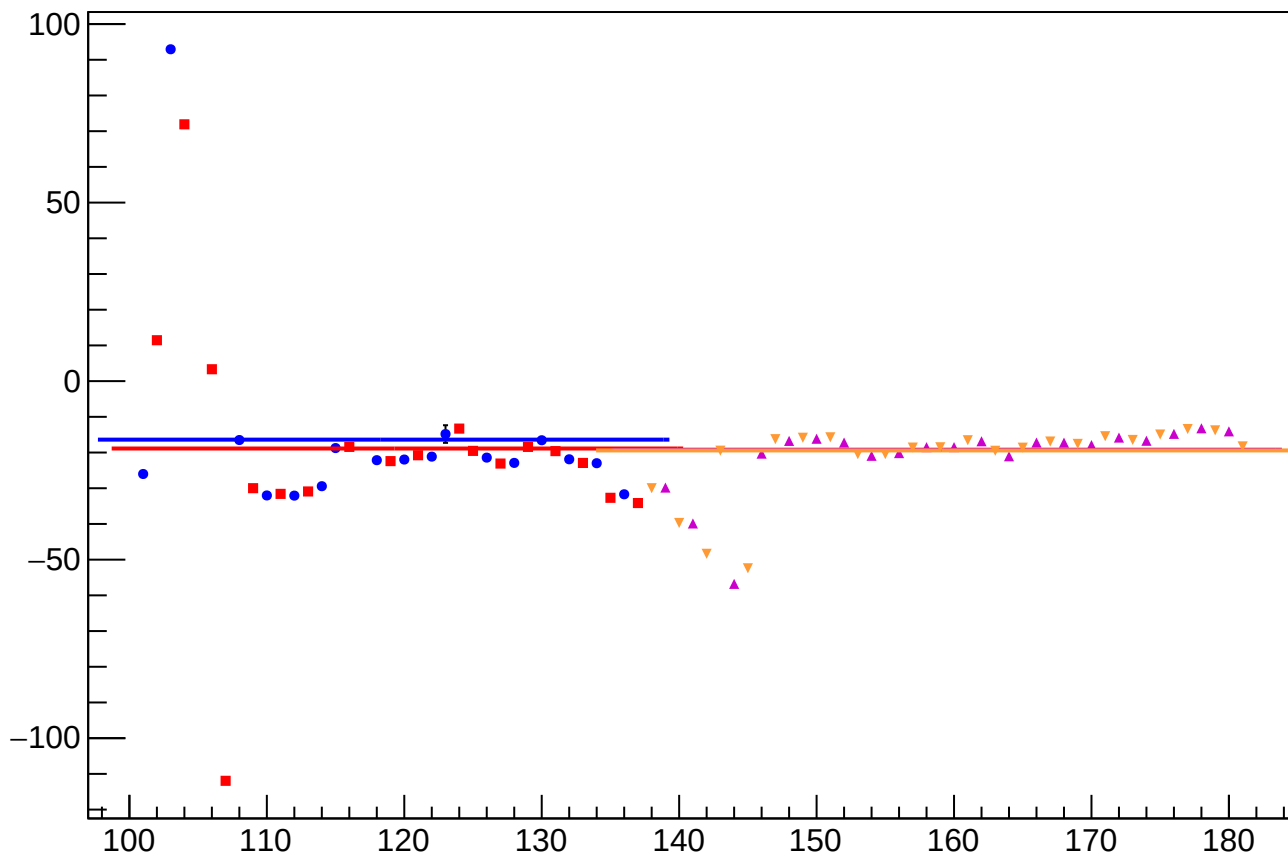
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -17.694 ± 0.329 χ^2/NDF : 2036.7/37

Out: -17.134 ± 0.320 χ^2/NDF : 1843.9/40

All: -17.406 ± 0.229 χ^2/NDF : 3882.0/78

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: -19.410 ± 0.016 $\chi^2/\text{NDF}: 224705.0/22$

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: -19.311 ± 0.012 $\chi^2/\text{NDF}: 417379.7/43$

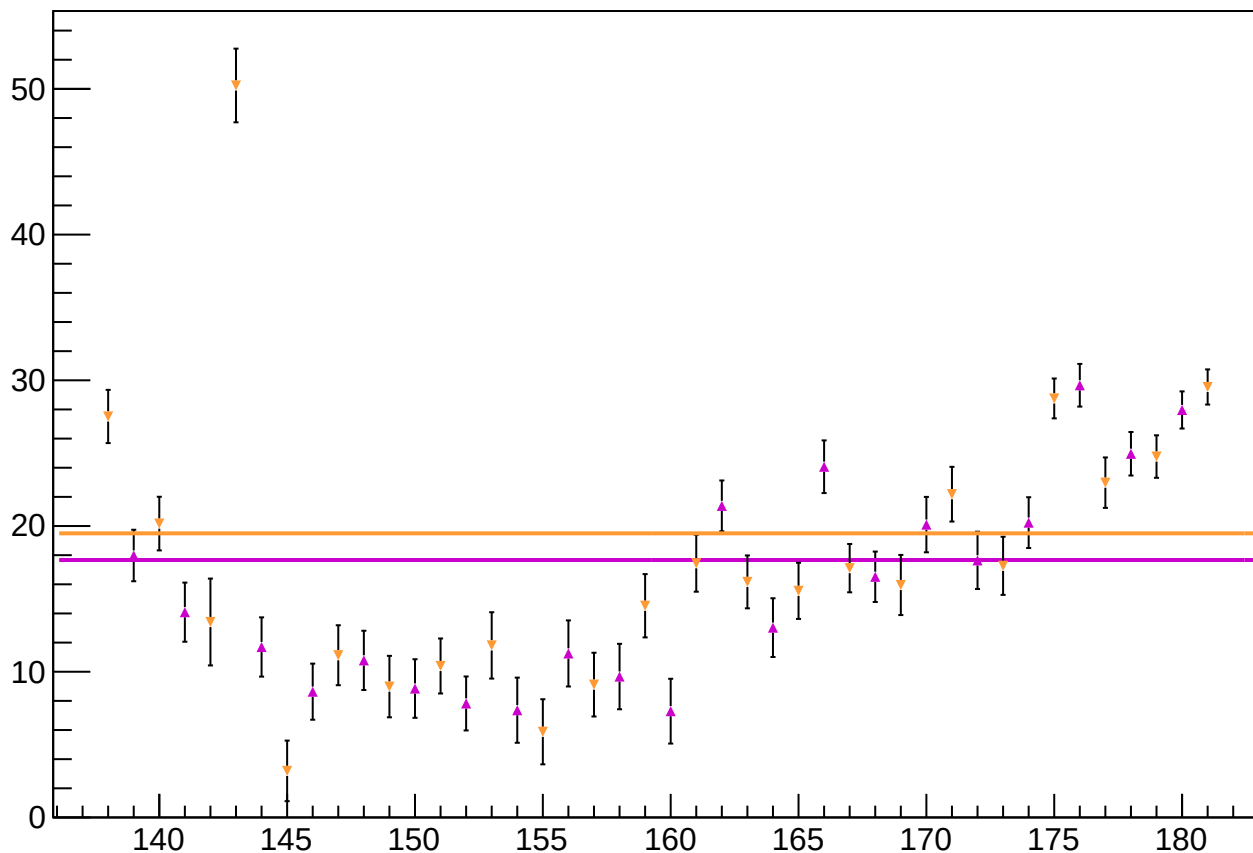
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -18.861 ± 0.016 $\chi^2/\text{NDF}: 670432.7/37$

Out: -19.348 ± 0.015 $\chi^2/\text{NDF}: 658201.5/40$

All: -19.107 ± 0.011 $\chi^2/\text{NDF}: 1329124.3/78$

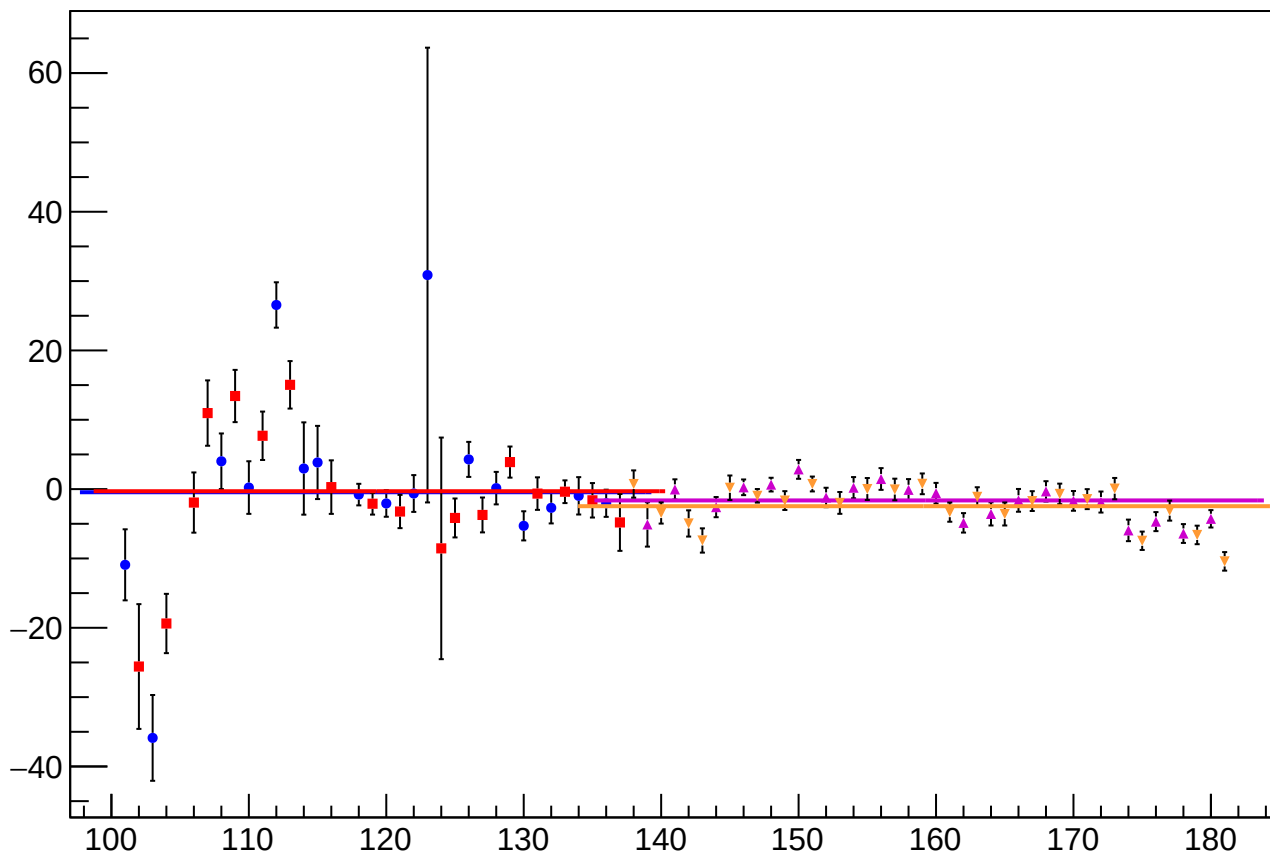
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.498+/-0.388 χ^2/NDF :523.1/22
 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: 18.610+/-0.278 χ^2/NDF : 873.2/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.667+/-0.400 χ^2/NDF :339.3/20
 Out: 19.498+/-0.388 χ^2/NDF :523.1/22
 All: 18.610+/-0.278 χ^2/NDF : 873.2/43

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: -2.463 ± 0.299 χ^2/NDF : 102.3/22

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: -2.063 ± 0.216 χ^2/NDF : 171.6/43

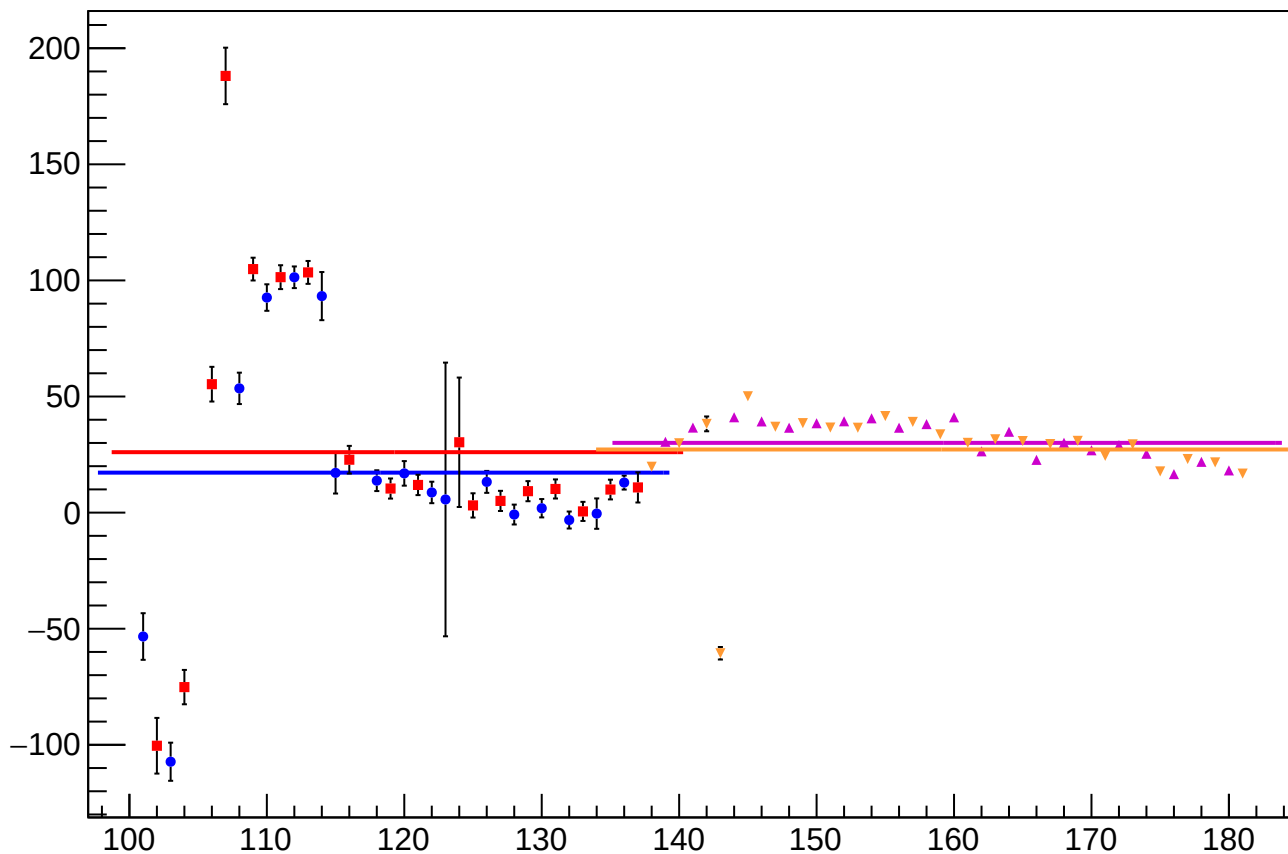
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.414 ± 0.281 χ^2/NDF : 187.8/37

Out: -2.092 ± 0.272 χ^2/NDF : 195.3/40

All: -1.763 ± 0.195 χ^2/NDF : 386.1/78

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 χ^2/NDF : 940.1/16

Left Out: 27.186 ± 0.386 χ^2/NDF : 1554.2/22

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 30.041 ± 0.396 χ^2/NDF : 438.4/20

Left: 28.578 ± 0.276 χ^2/NDF : 2019.3/43

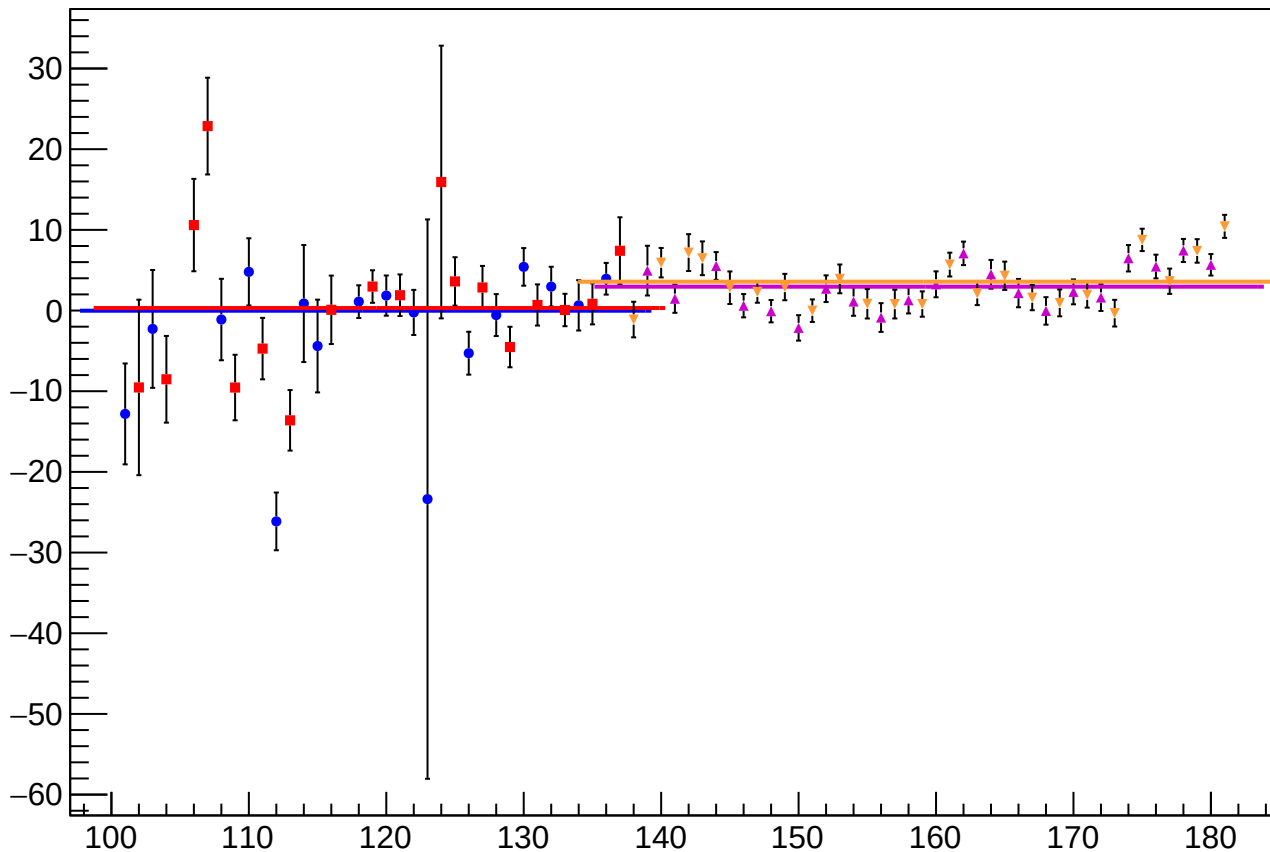
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 28.858 ± 0.377 χ^2/NDF : 1475.4/37

Out: 27.085 ± 0.369 χ^2/NDF : 2921.0/40

All: 27.951 ± 0.264 χ^2/NDF : 4407.7/78

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: 3.575 ± 0.341 χ^2/NDF : 84.0/22

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: 3.276 ± 0.245 χ^2/NDF : 148.2/43

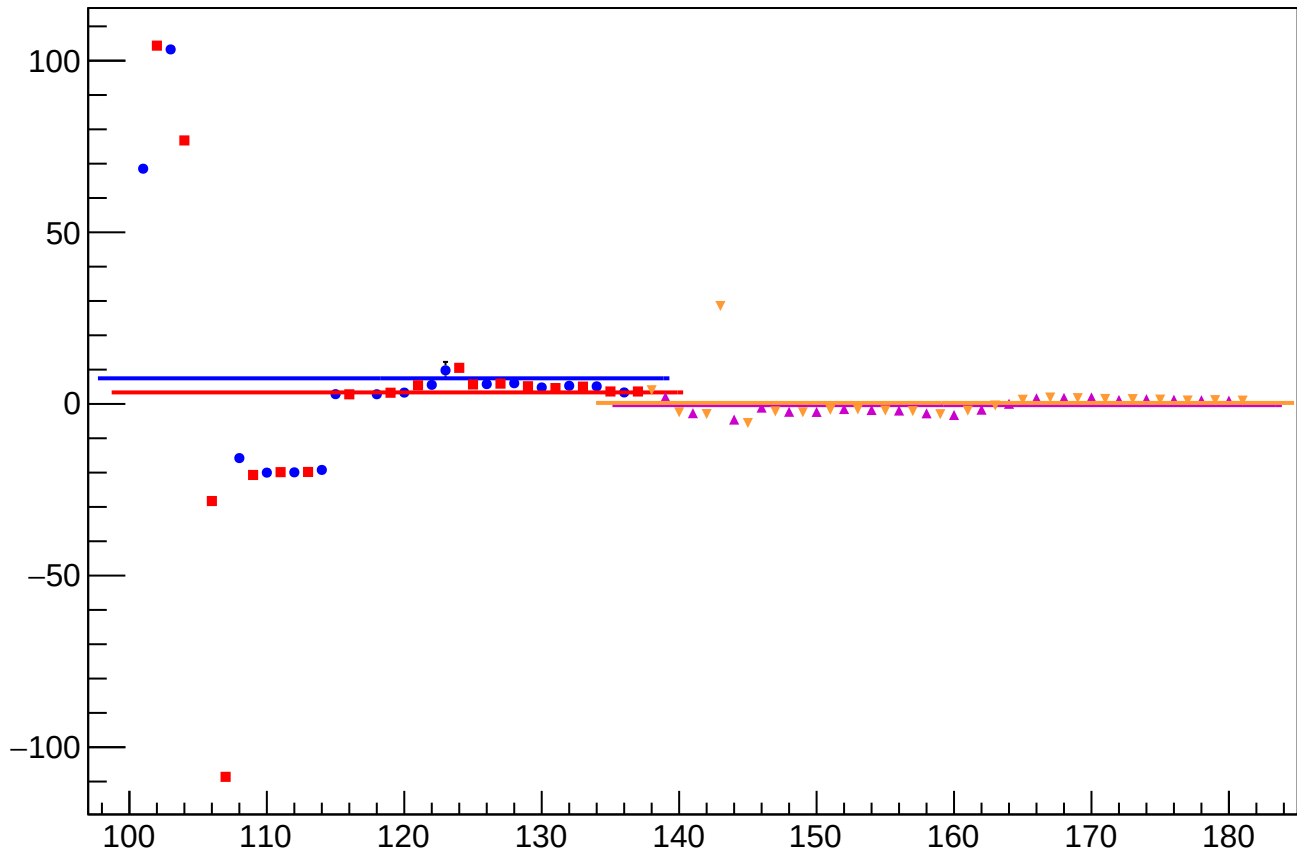
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.412 ± 0.318 χ^2/NDF : 151.5/37

Out: 3.016 ± 0.310 χ^2/NDF : 153.8/40

All: 2.722 ± 0.222 χ^2/NDF : 307.2/78

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: 0.299 $\pm$ 0.016 χ^2 /NDF: 87218.8/22

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: -0.017 $\pm$ 0.011 χ^2 /NDF: 102538.8/43

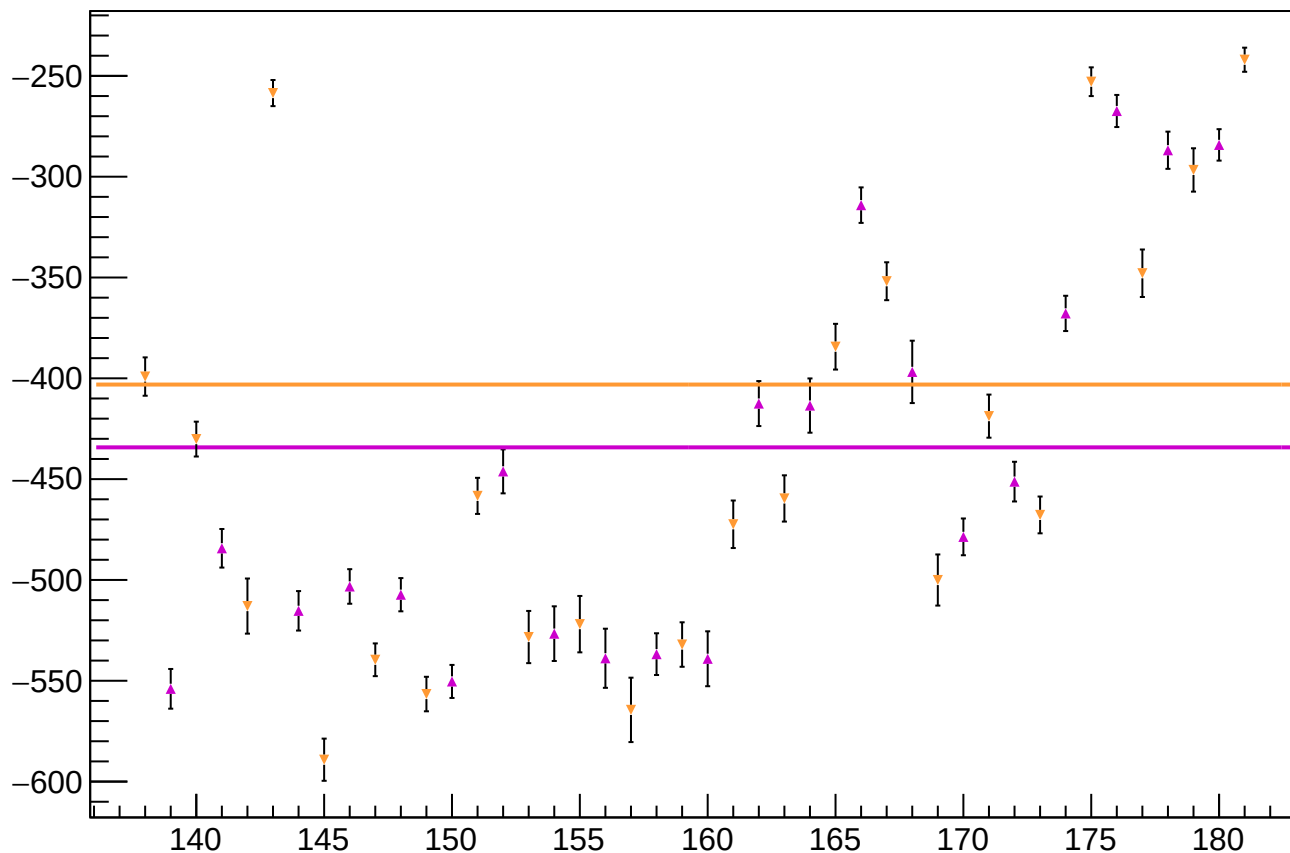
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.544 $\pm$ 0.015 χ^2 /NDF: 397724.2/37

Out: 0.623 $\pm$ 0.015 χ^2 /NDF: 596064.9/40

All: 0.584 $\pm$ 0.011 χ^2 /NDF: 993803.1/78

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: -403.088+/-1.993 χ^2/NDF :3427.9/22

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: -417.551+/-1.459 χ^2/NDF : 5731.5/43

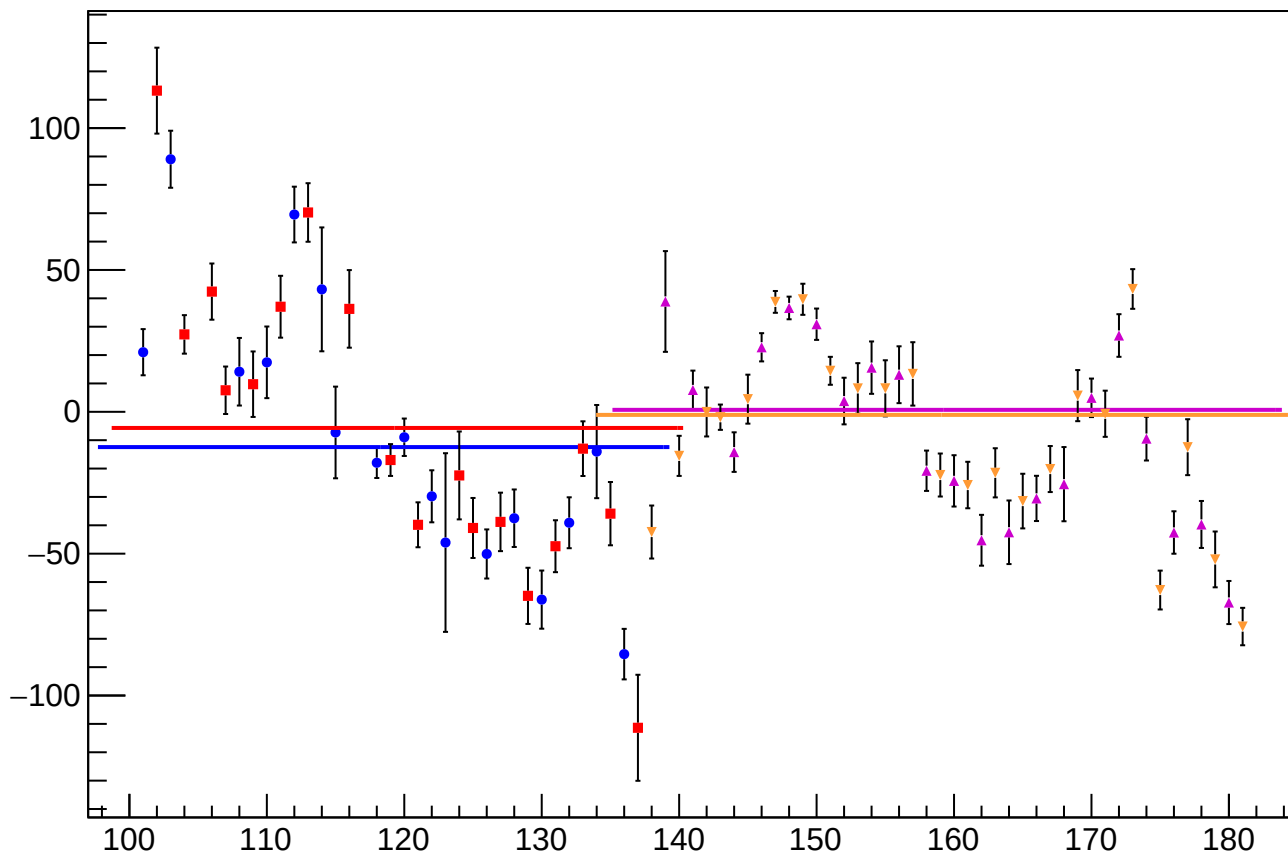
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -434.240+/-2.141 χ^2/NDF :2190.3/20

Out: -403.088+/-1.993 χ^2/NDF :3427.9/22

All: -417.551+/-1.459 χ^2/NDF : 5731.5/43

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -1.083 ± 1.465 χ^2/NDF : 516.6/22

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 0.697 ± 1.586 χ^2/NDF : 373.7/20

Left: -0.264 ± 1.076 χ^2/NDF : 891.0/43

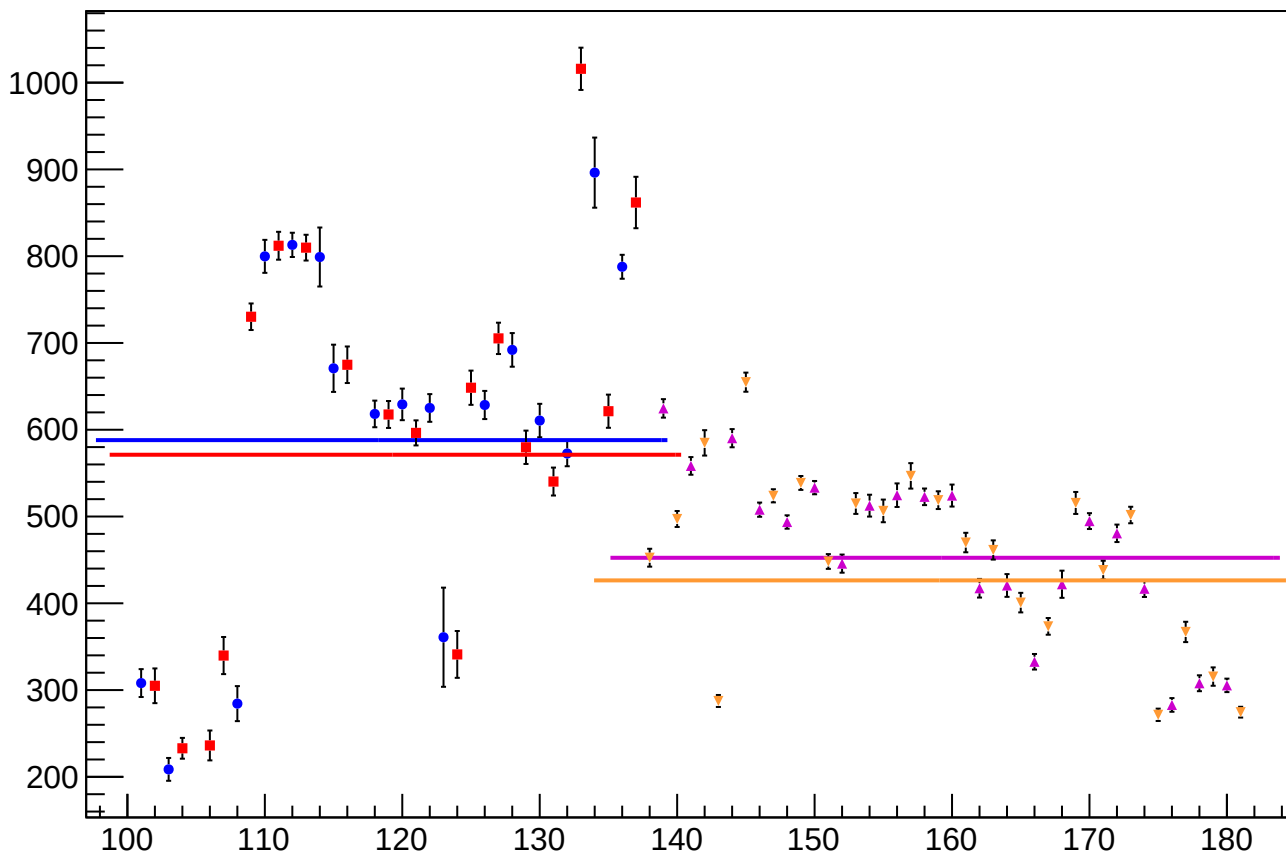
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -3.495 ± 1.308 χ^2/NDF : 735.8/37

Out: -2.442 ± 1.230 χ^2/NDF : 853.2/40

All: -2.936 ± 0.896 χ^2/NDF : 1589.3/78

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: 426.388 $\pm$ 1.994 χ^2 /NDF:3007.8/22

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: 438.634 $\pm$ 1.452 χ^2 /NDF: 5266.6/43

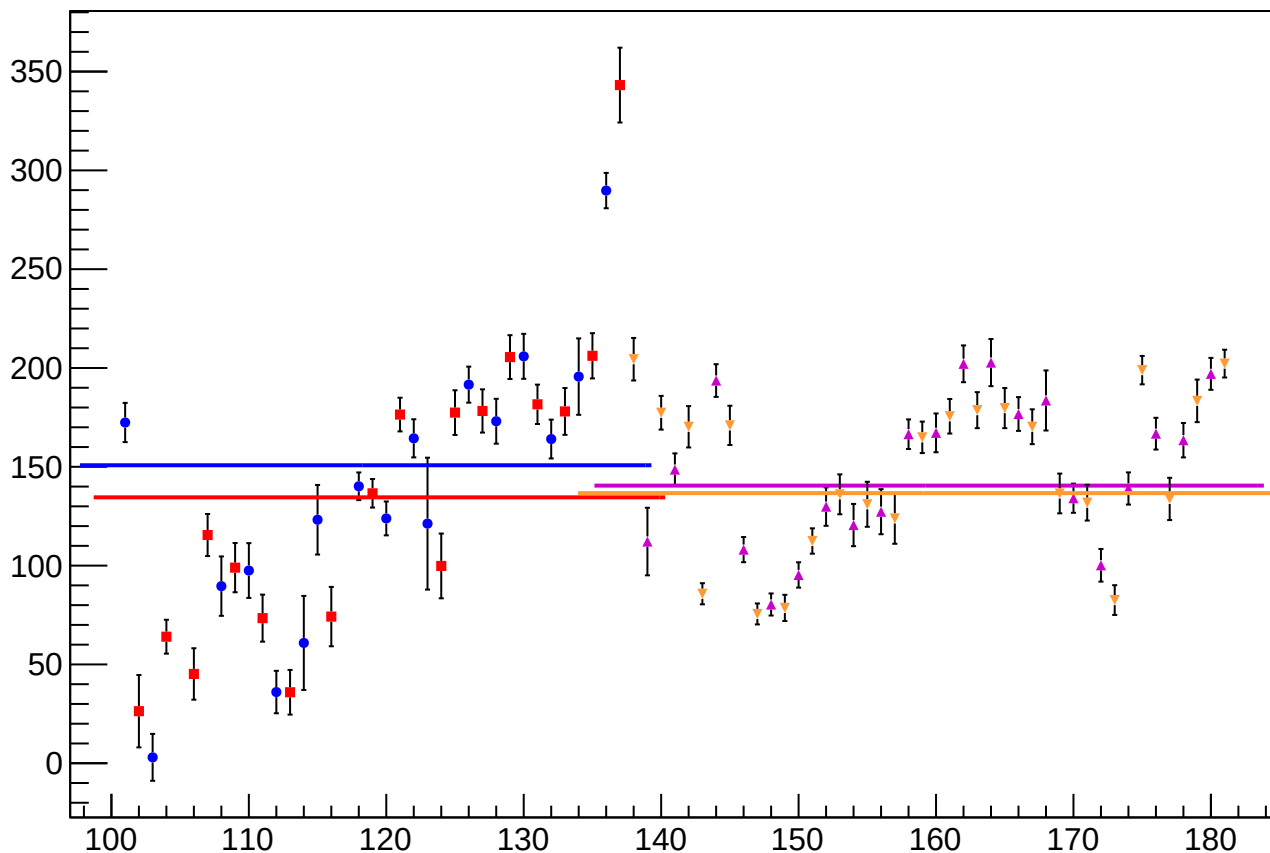
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 478.633 $\pm$ 1.902 χ^2 /NDF:5097.9/37

Out: 453.551 $\pm$ 1.798 χ^2 /NDF:6677.1/40

All: 465.382 $\pm$ 1.307 χ^2 /NDF: 11866.8/78

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: 136.693 $\pm$ 1.707 χ^2 /NDF: 719.3/22

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: 138.456 $\pm$ 1.249 χ^2 /NDF: 1171.9/43

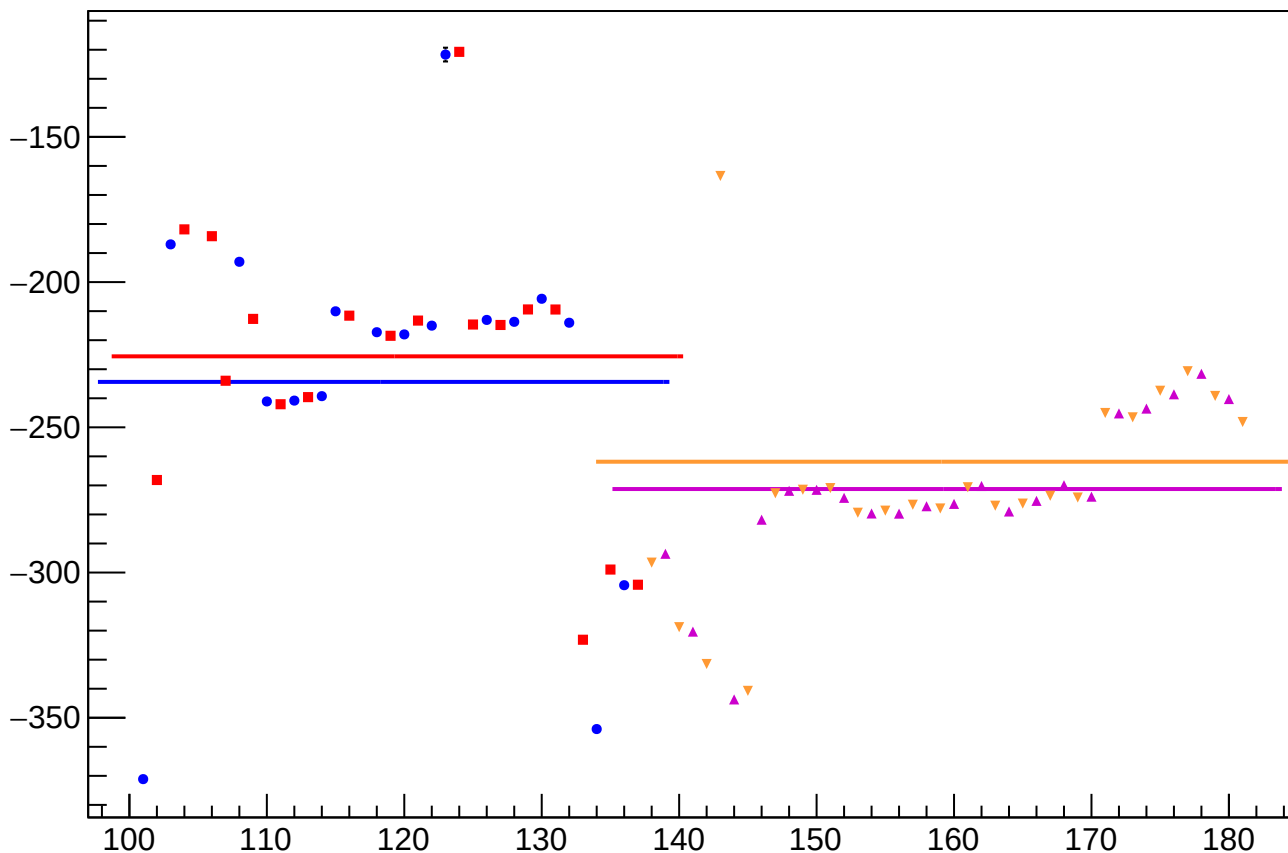
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 143.768 $\pm$ 1.513 χ^2 /NDF: 1093.6/37

Out: 136.054 $\pm$ 1.430 χ^2 /NDF: 1296.0/40

All: 139.696 $\pm$ 1.039 χ^2 /NDF: 2403.3/78

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: -261.842+/-0.083 χ^2/NDF : 228953.1/22

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: -266.349+/-0.060 χ^2/NDF : 315226.1/43

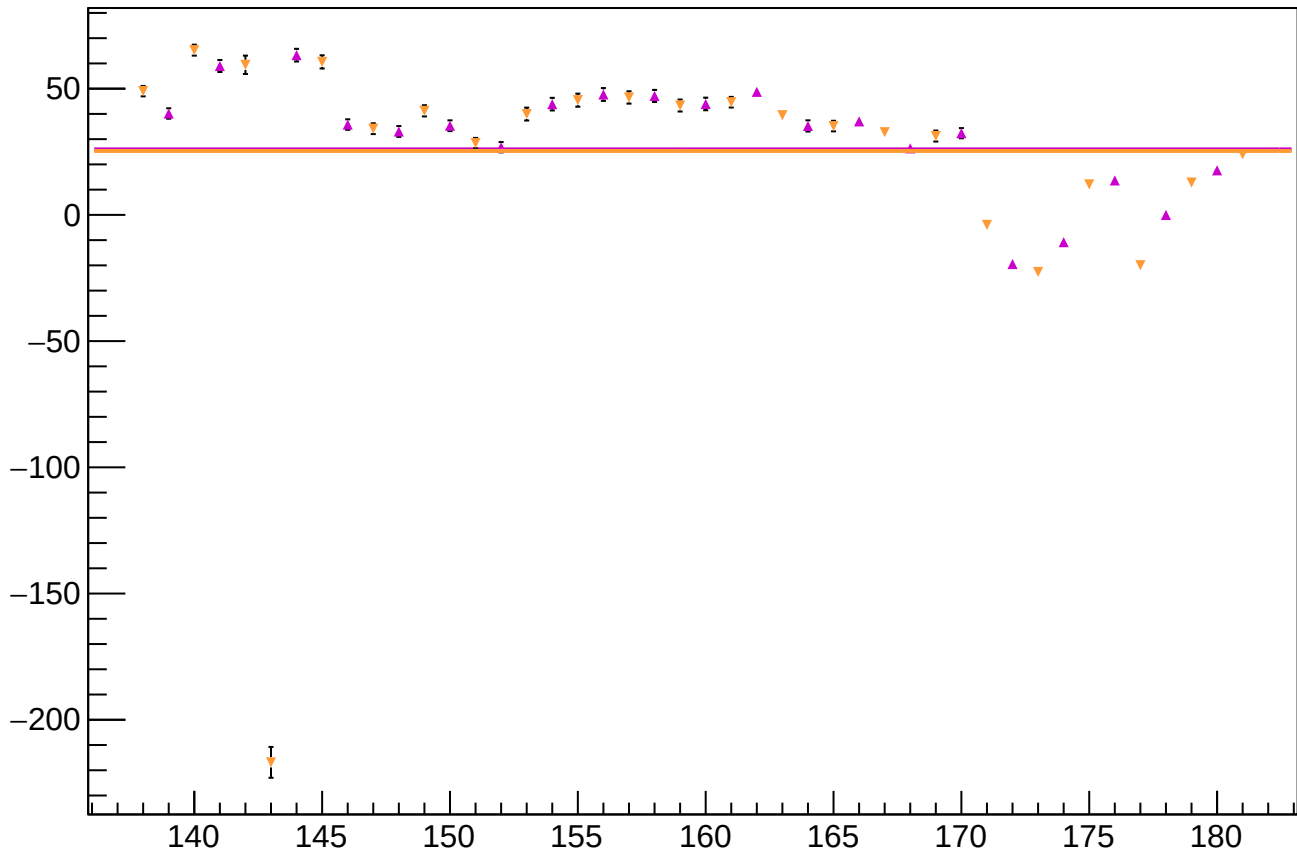
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -261.978+/-0.074 χ^2/NDF : 271416.8/37

Out: -252.676+/-0.071 χ^2/NDF : 370746.6/40

All: -257.130+/-0.052 χ^2/NDF : 650304.3/78

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: 25.329+/-0.418 χ^2/NDF :4370.0/22

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: 25.632+/-0.298 χ^2/NDF : 6764.4/43

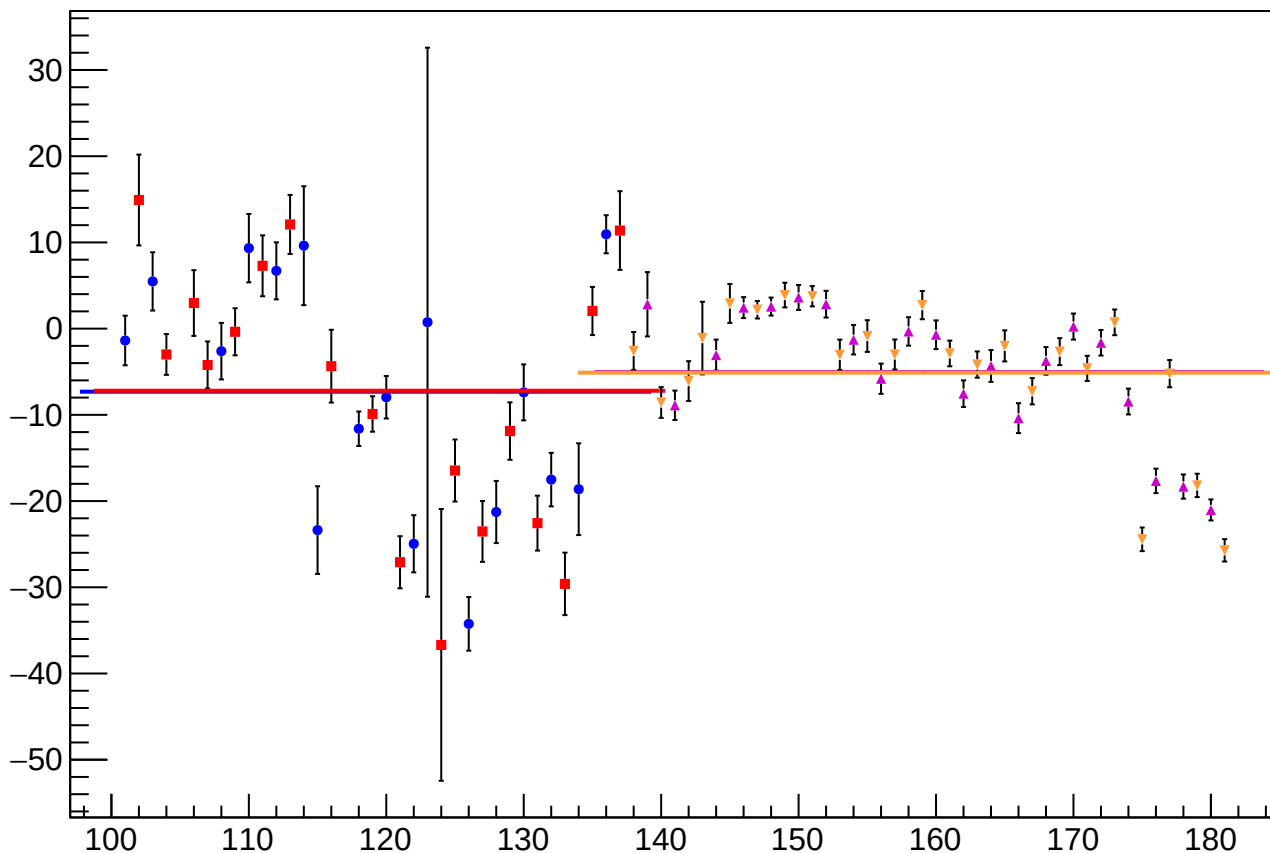
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 25.946+/-0.426 χ^2/NDF :2393.3/20

Out: 25.329+/-0.418 χ^2/NDF :4370.0/22

All: 25.632+/-0.298 χ^2/NDF : 6764.4/43

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: -5.105 ± 0.325 χ^2/NDF : 766.7/22

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: -5.069 ± 0.232 χ^2/NDF : 1326.1/43

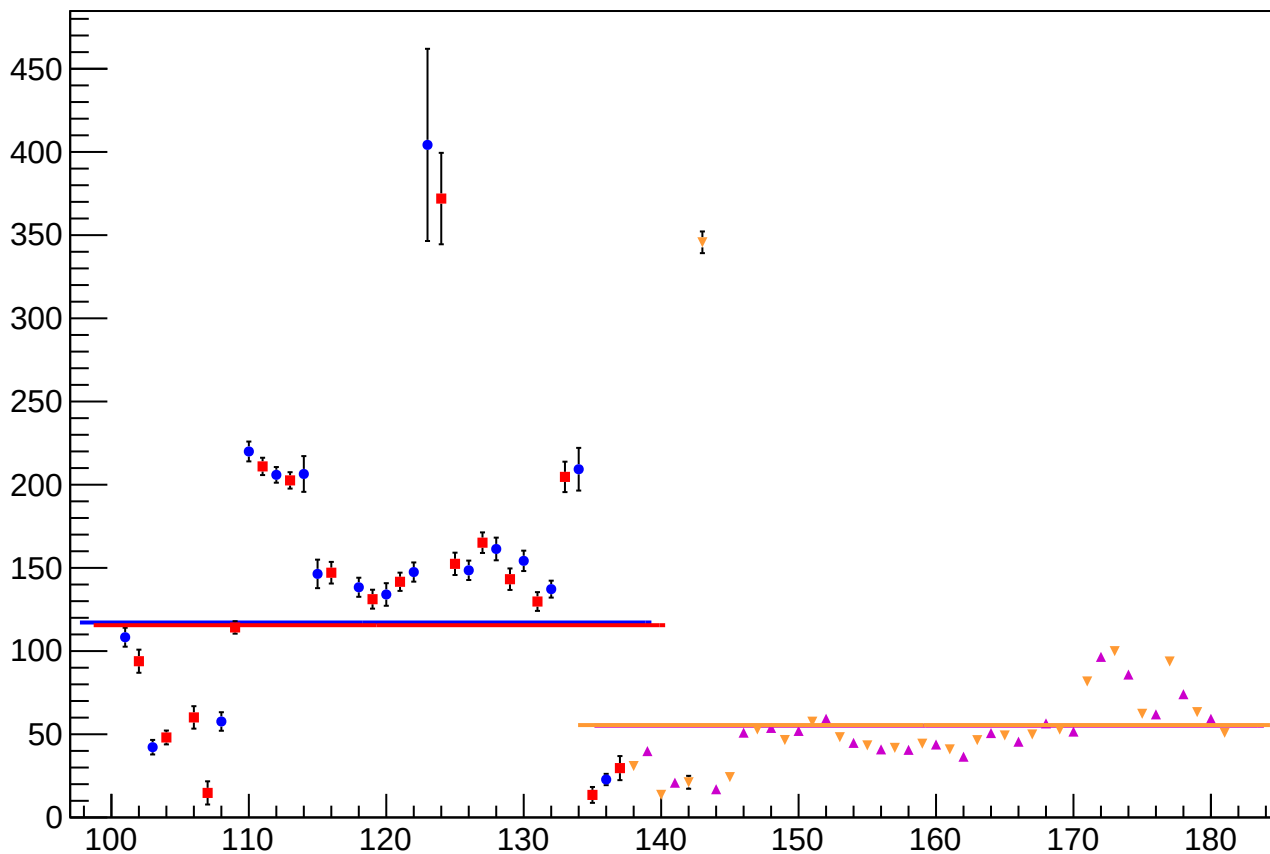
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -5.383 ± 0.306 χ^2/NDF : 845.6/37

Out: -5.427 ± 0.299 χ^2/NDF : 1025.2/40

All: -5.406 ± 0.214 χ^2/NDF : 1870.9/78

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177+/-1.411 χ^2/NDF : 2159.6/16

Left Out: 55.524+/-0.415 χ^2/NDF :4006.1/22

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 55.138+/-0.422 χ^2/NDF :1608.1/20

Left: 55.334+/-0.296 χ^2/NDF : 5614.6/43

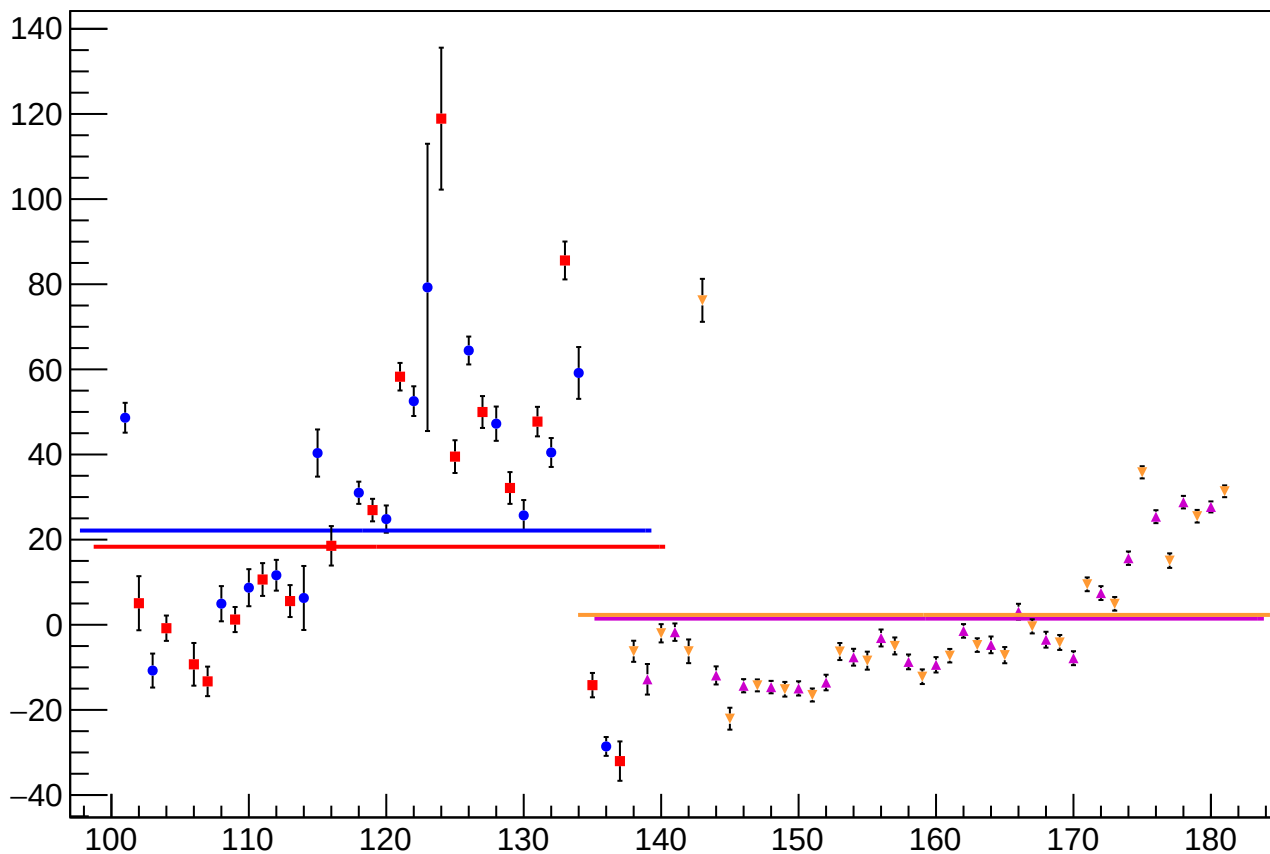
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 60.221+/-0.404 χ^2/NDF :5541.5/37

Out: 60.623+/-0.397 χ^2/NDF :7929.9/40

All: 60.425+/-0.283 χ^2/NDF : 13472.0/78

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: 2.316+/-0.369 χ^2/NDF :2253.2/22

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: 1.888+/-0.263 χ^2/NDF : 3945.1/43

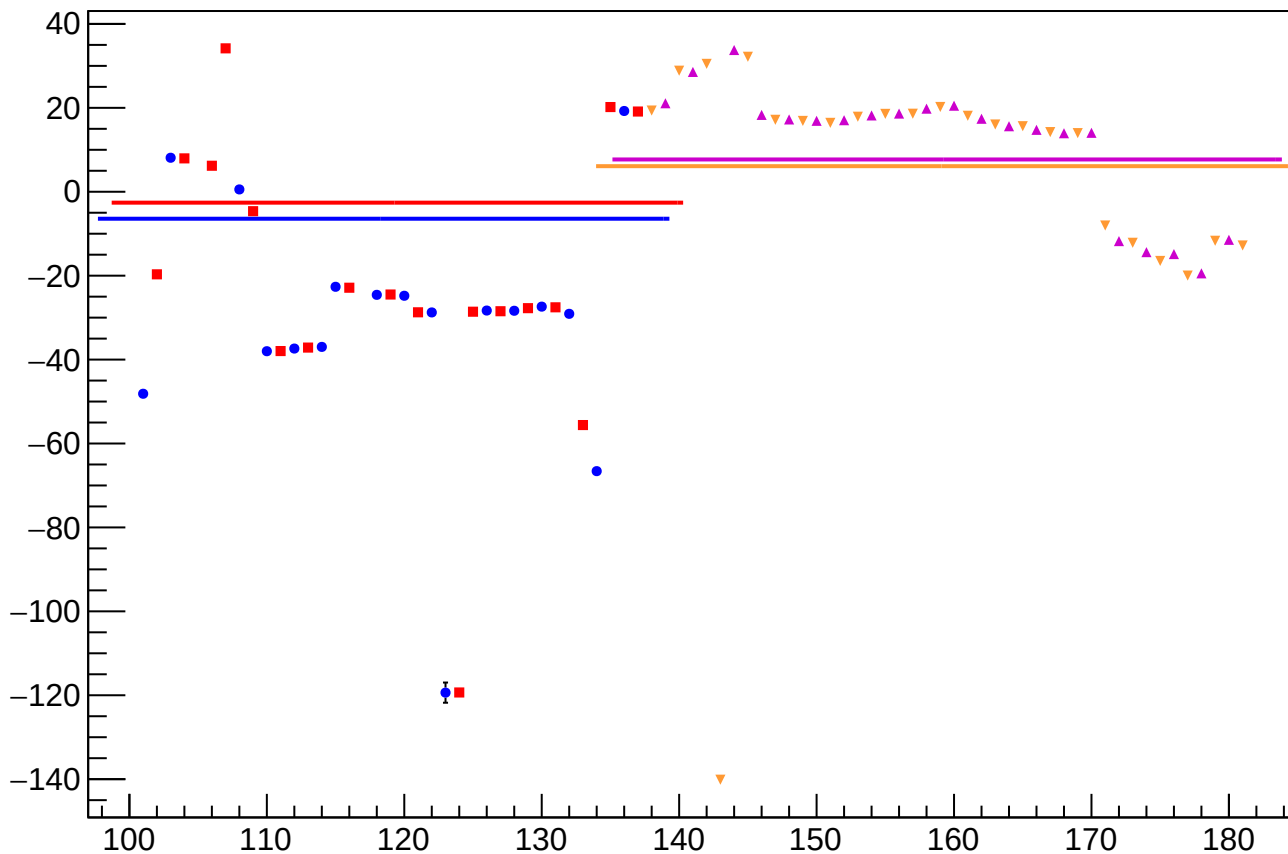
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: 4.568+/-0.346 χ^2/NDF :3211.0/37

Out: 4.747+/-0.340 χ^2/NDF :3609.7/40

All: 4.659+/-0.243 χ^2/NDF : 6820.8/78

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 6.096 $\pm$ 0.017 χ^2/NDF : 1188154.4/22

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 7.696 $\pm$ 0.017 χ^2/NDF : 846329.4/20

Left: 6.894 $\pm$ 0.012 χ^2/NDF : 2038895.0/43

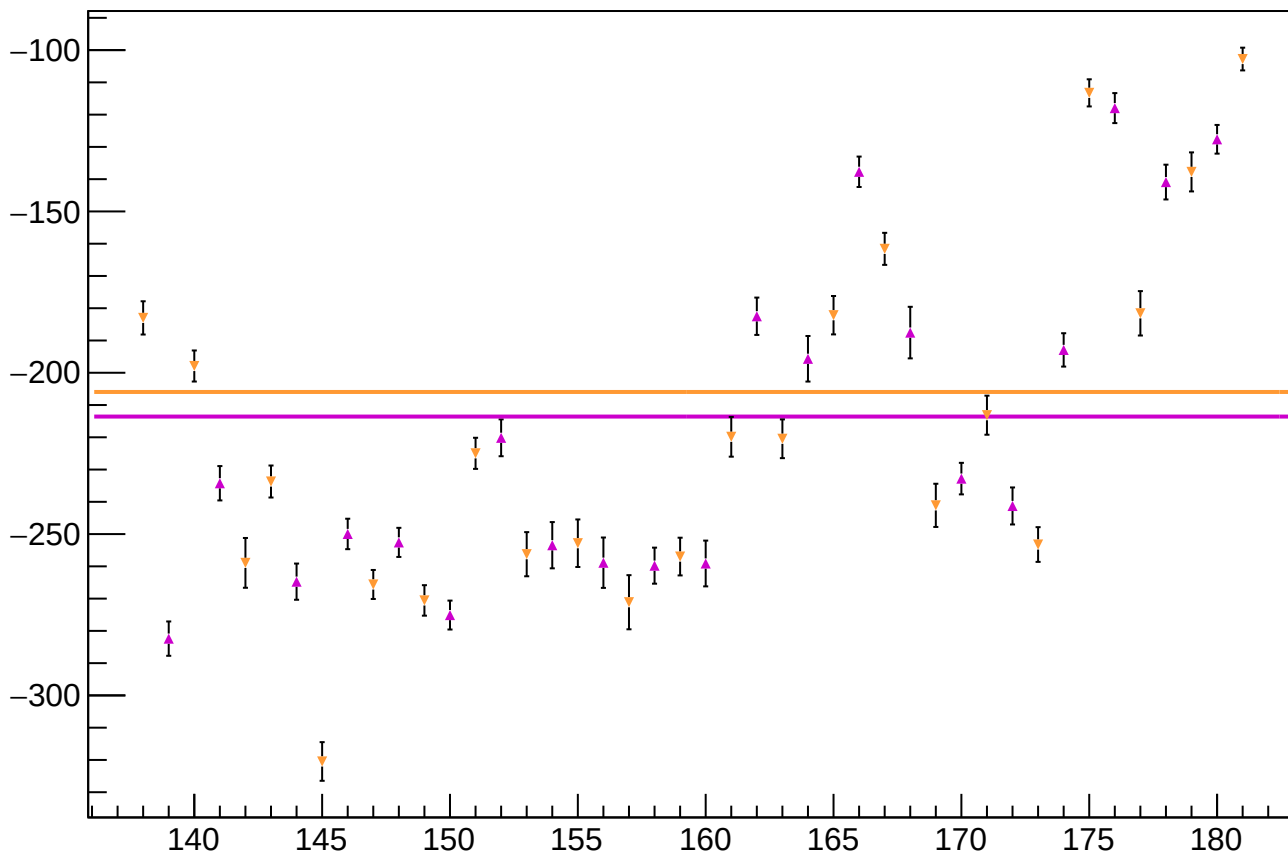
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 6.003 $\pm$ 0.016 χ^2/NDF : 1193711.8/37

Out: 5.041 $\pm$ 0.016 χ^2/NDF : 1483424.9/40

All: 5.520 $\pm$ 0.011 χ^2/NDF : 2678949.7/78

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -205.951 ± 1.133 $\chi^2/\text{NDF}: 2772.0/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -213.576 ± 1.182 $\chi^2/\text{NDF}: 2101.5/20$

Left: -209.603 ± 0.818 $\chi^2/\text{NDF}: 4895.2/43$

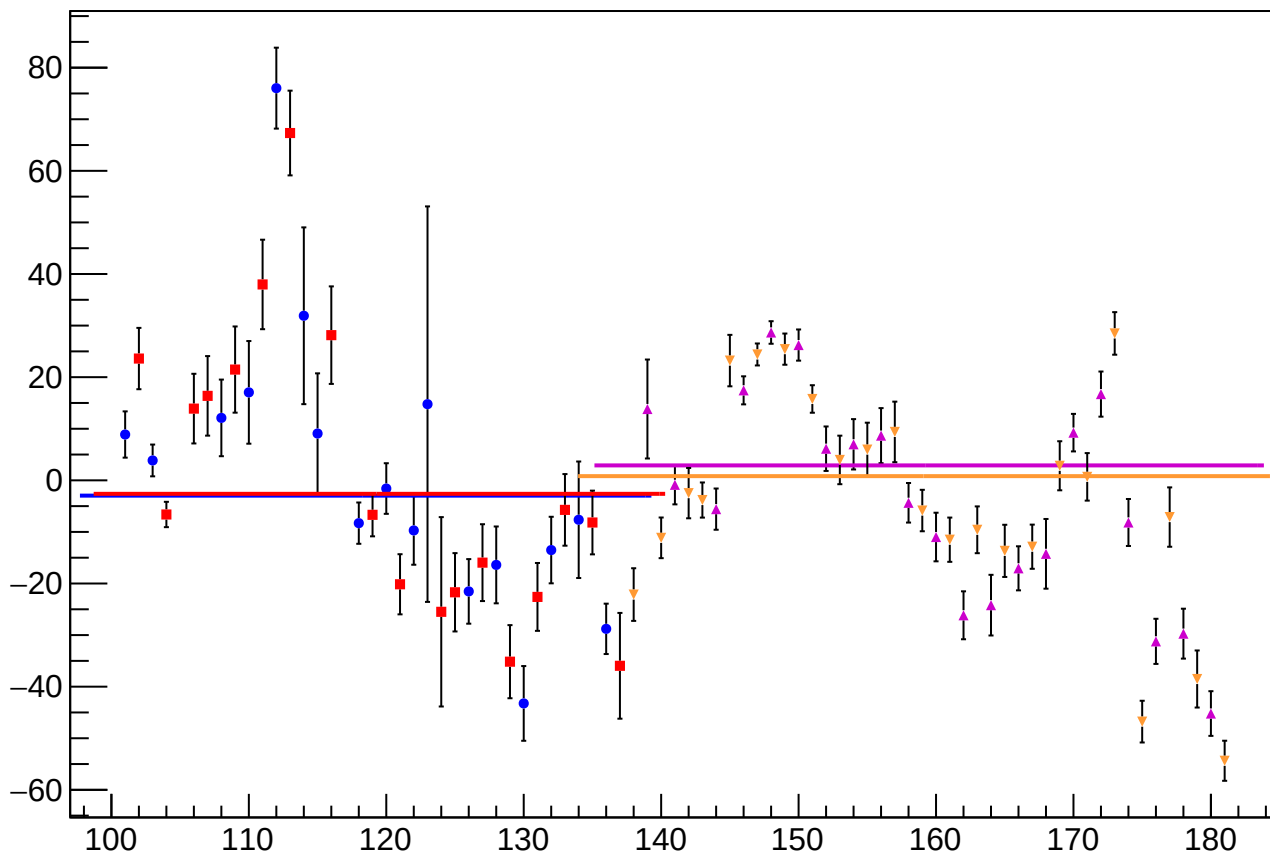
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -213.576 ± 1.182 $\chi^2/\text{NDF}: 2101.5/20$

Out: -205.951 ± 1.133 $\chi^2/\text{NDF}: 2772.0/22$

All: -209.603 ± 0.818 $\chi^2/\text{NDF}: 4895.2/43$

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: 0.813 ± 0.830 χ^2/NDF : 748.3/22

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: 1.804 ± 0.601 χ^2/NDF : 1337.1/43

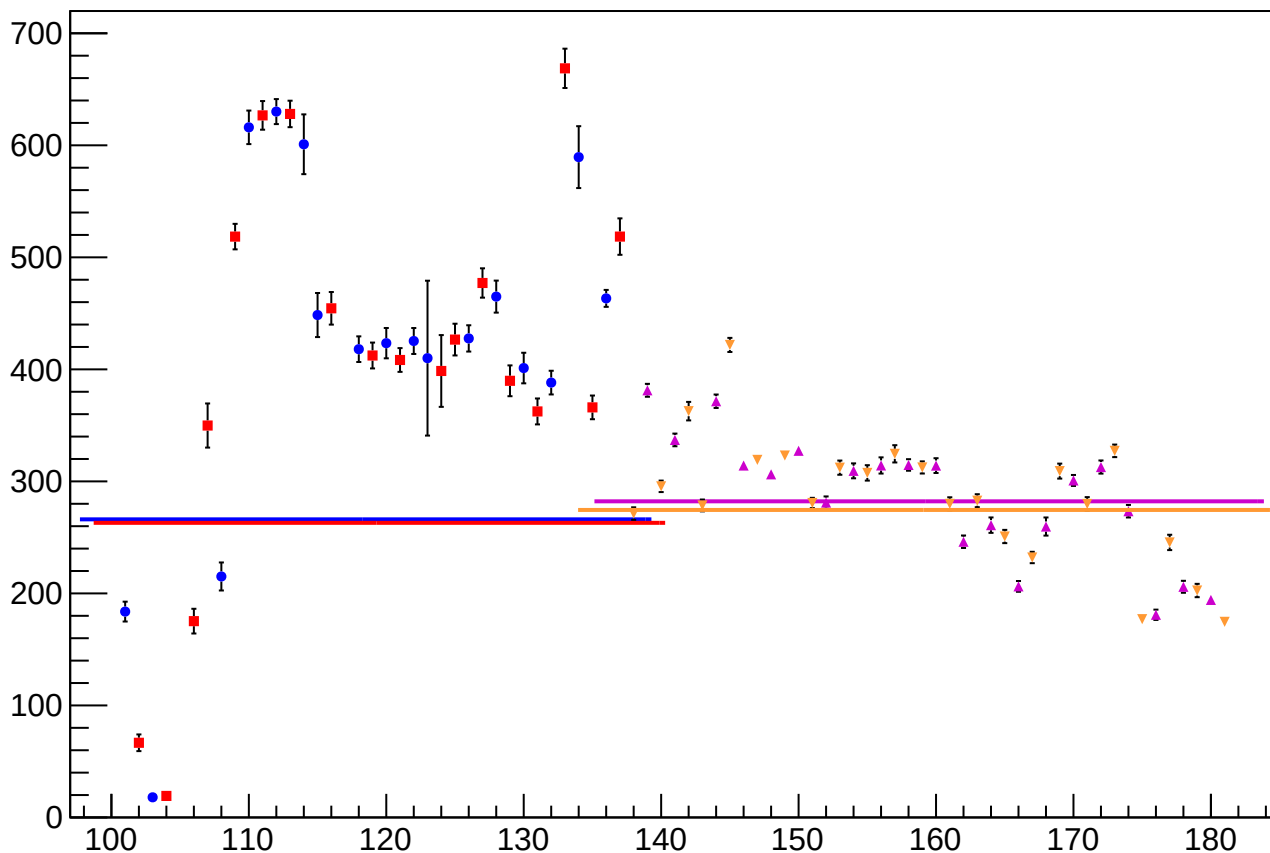
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 1.344 ± 0.747 χ^2/NDF : 801.3/37

Out: -0.080 ± 0.714 χ^2/NDF : 963.2/40

All: 0.600 ± 0.516 χ^2/NDF : 1766.4/78

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: 274.500 $\pm$ 1.128 χ^2 /NDF:2717.6/22

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: 278.219 $\pm$ 0.811 χ^2 /NDF: 5086.5/43

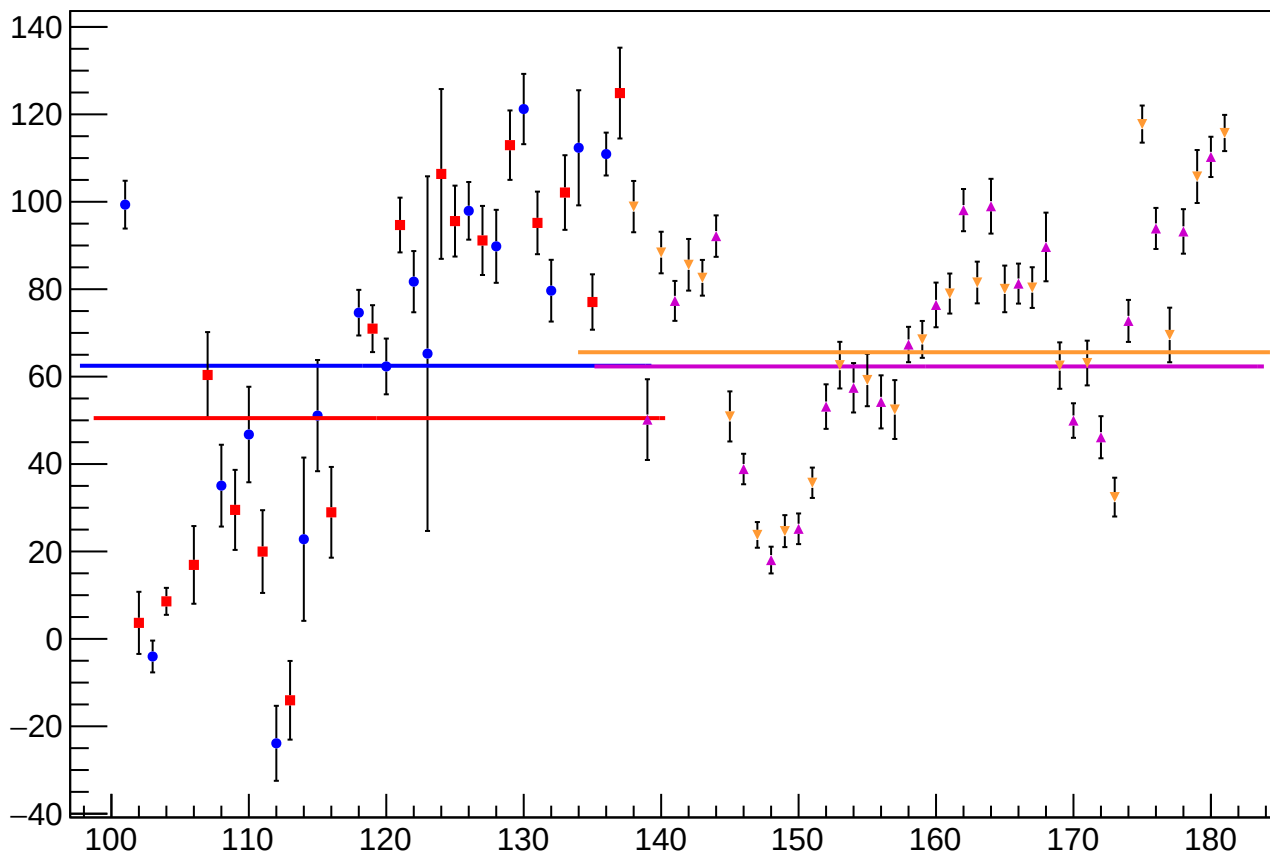
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 279.282 $\pm$ 1.056 χ^2 /NDF:10024.8/37

Out: 272.512 $\pm$ 1.026 χ^2 /NDF:10907.6/40

All: 275.800 $\pm$ 0.736 χ^2 /NDF: 20953.6/78

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 65.580 $\pm$ 0.966 χ^2 /NDF:933.6/22

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 62.328 $\pm$ 1.008 χ^2 /NDF:768.5/20

Left: 64.022 $\pm$ 0.698 χ^2 /NDF: 1707.5/43

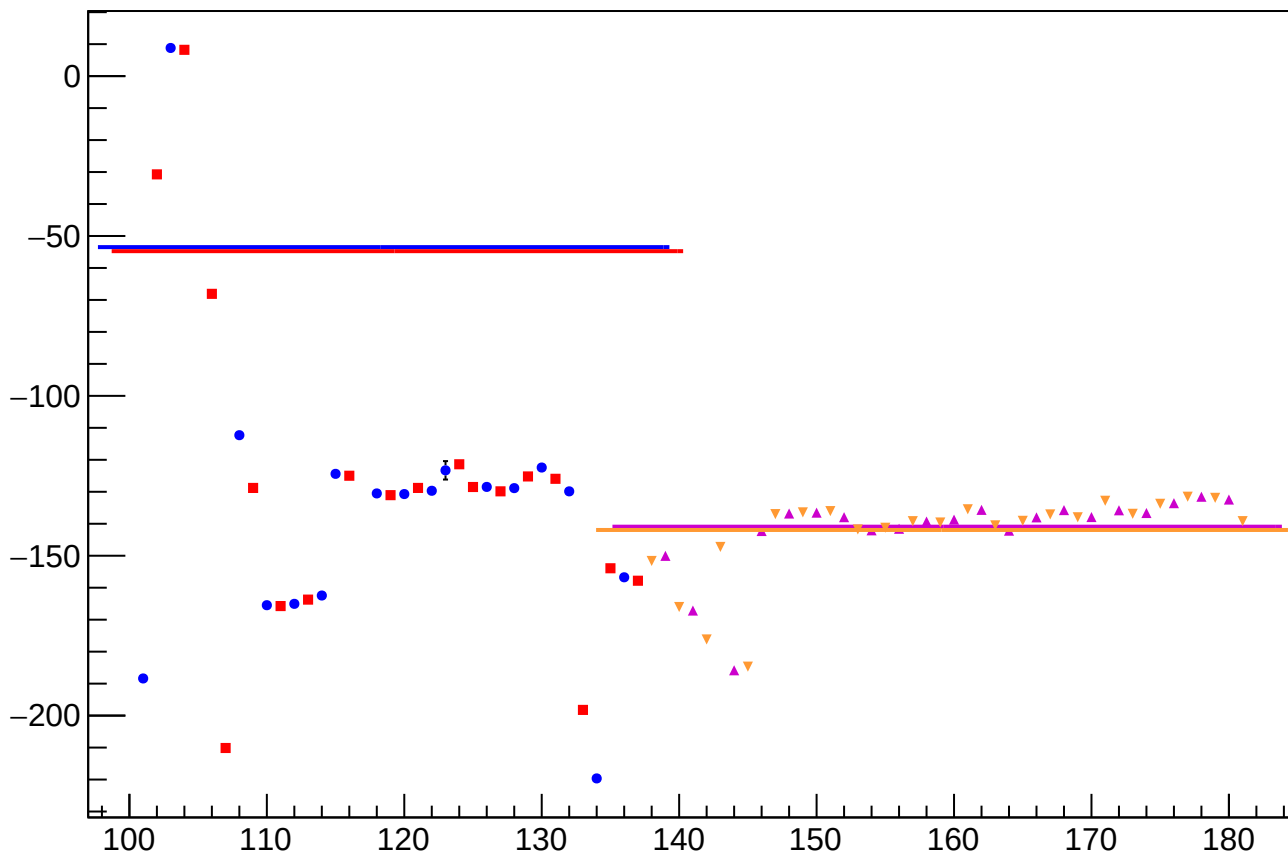
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 62.369 $\pm$ 0.864 χ^2 /NDF:1489.3/37

Out: 61.710 $\pm$ 0.833 χ^2 /NDF:1646.7/40

All: 62.028 $\pm$ 0.600 χ^2 /NDF: 3136.3/78

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: -141.944 ± 0.046 $\chi^2/\text{NDF}: 65799.4/22$

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: -141.438 ± 0.033 $\chi^2/\text{NDF}: 118425.6/43$

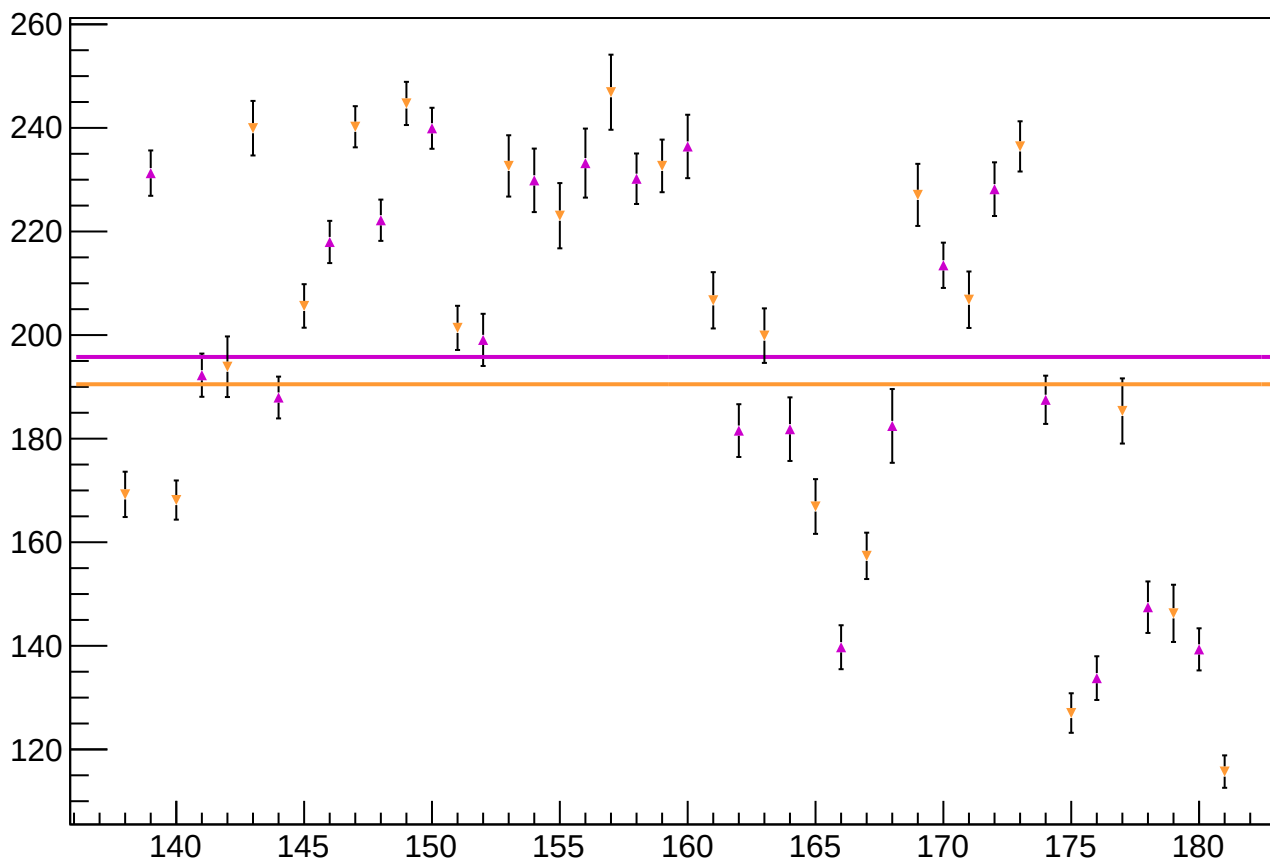
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -113.738 ± 0.039 $\chi^2/\text{NDF}: 2346882.0/37$

Out: -116.378 ± 0.039 $\chi^2/\text{NDF}: 2051072.7/40$

All: -115.063 ± 0.028 $\chi^2/\text{NDF}: 4400231.5/78$

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: 190.504+/-0.990 χ^2/NDF :1833.4/22

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: 193.044+/-0.713 χ^2/NDF : 3024.7/43

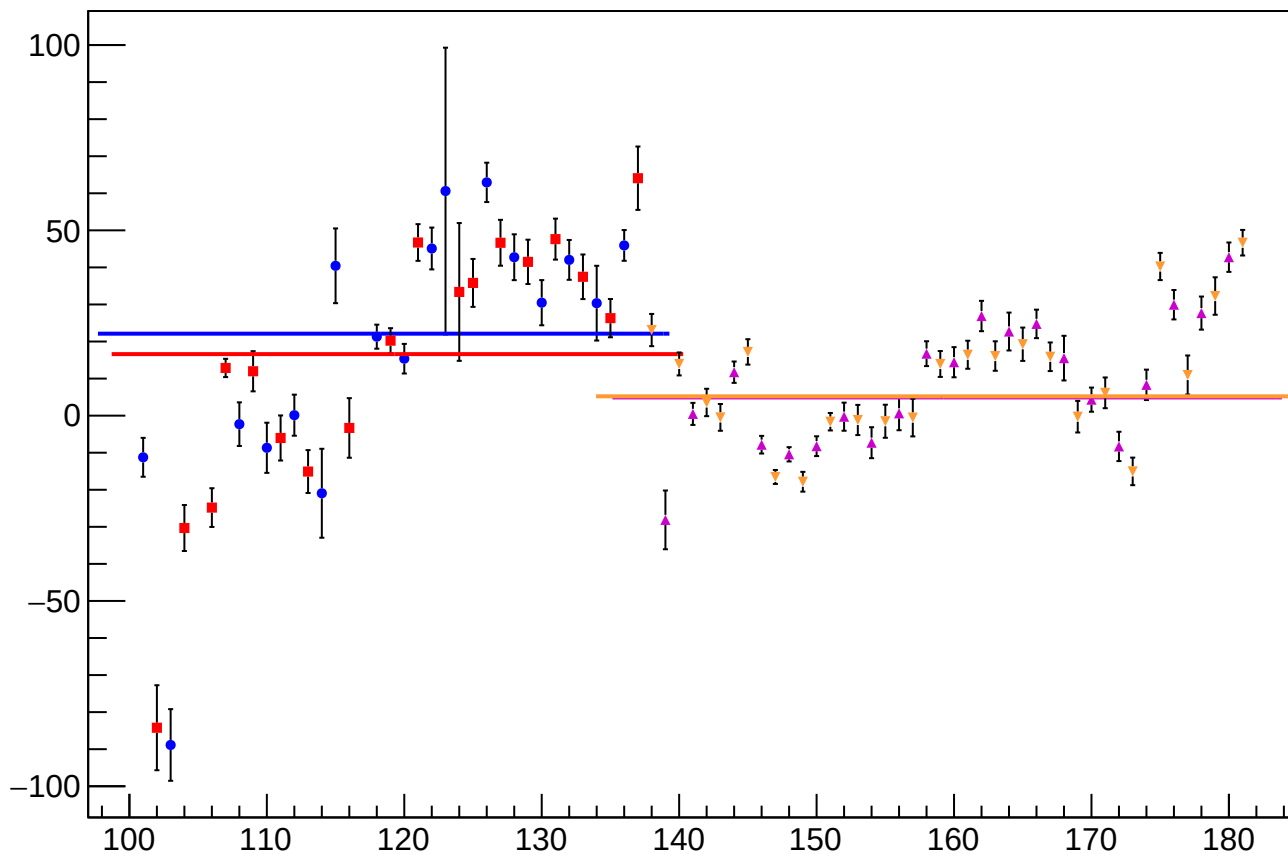
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.775+/-1.027 χ^2/NDF :1177.7/20

Out: 190.504+/-0.990 χ^2/NDF :1833.4/22

All: 193.044+/-0.713 χ^2/NDF : 3024.7/43

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 5.216+/-0.727 χ^2/NDF : 598.5/22

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 4.914+/-0.757 χ^2/NDF : 409.9/20

Left: 5.071+/-0.524 χ^2/NDF : 1008.5/43

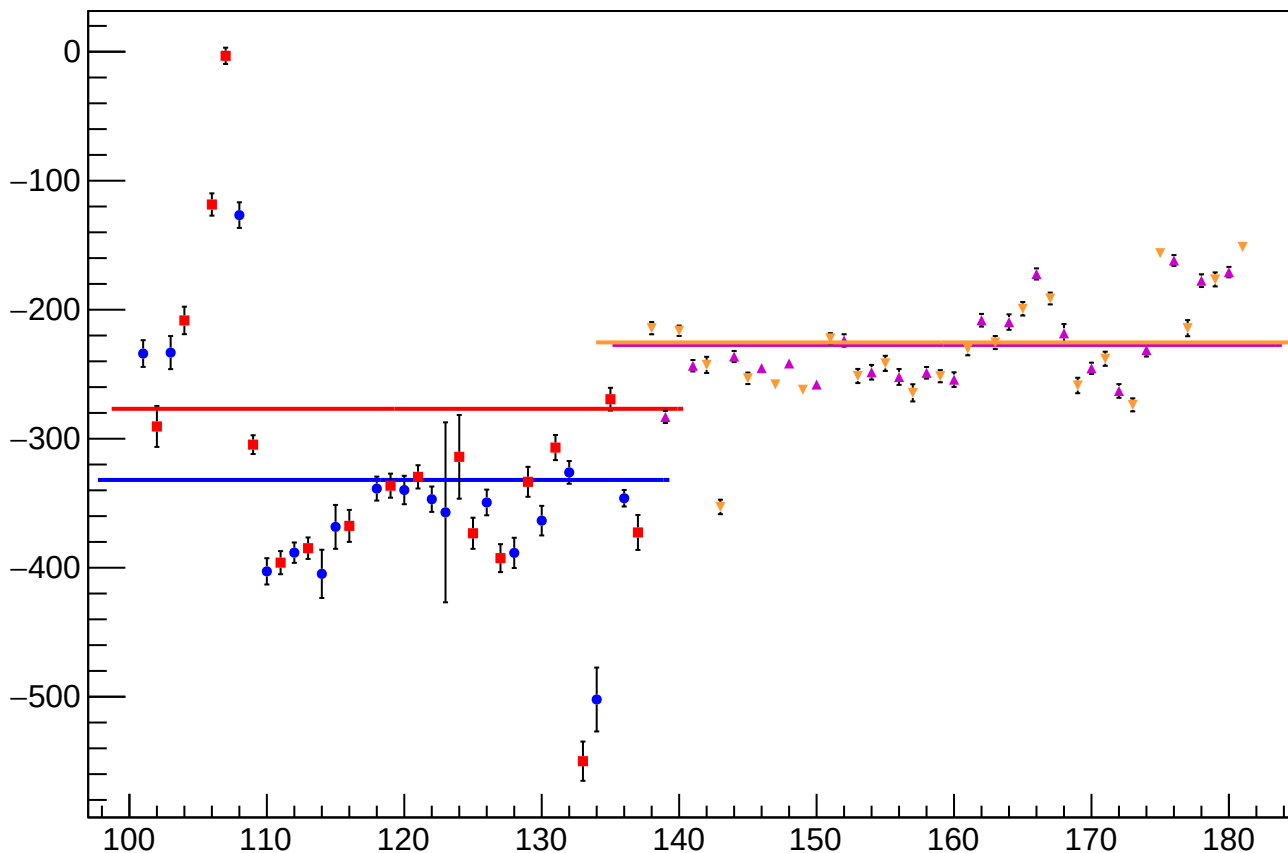
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 8.906+/-0.663 χ^2/NDF : 911.9/37

Out: 8.166+/-0.626 χ^2/NDF : 1078.9/40

All: 8.514+/-0.455 χ^2/NDF : 1991.4/78

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -225.349 $\pm$ 0.988 χ^2 /NDF:1974.0/22

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -227.301 $\pm$ 1.016 χ^2 /NDF:1129.9/20

Left: -226.297 $\pm$ 0.708 χ^2 /NDF: 3105.9/43

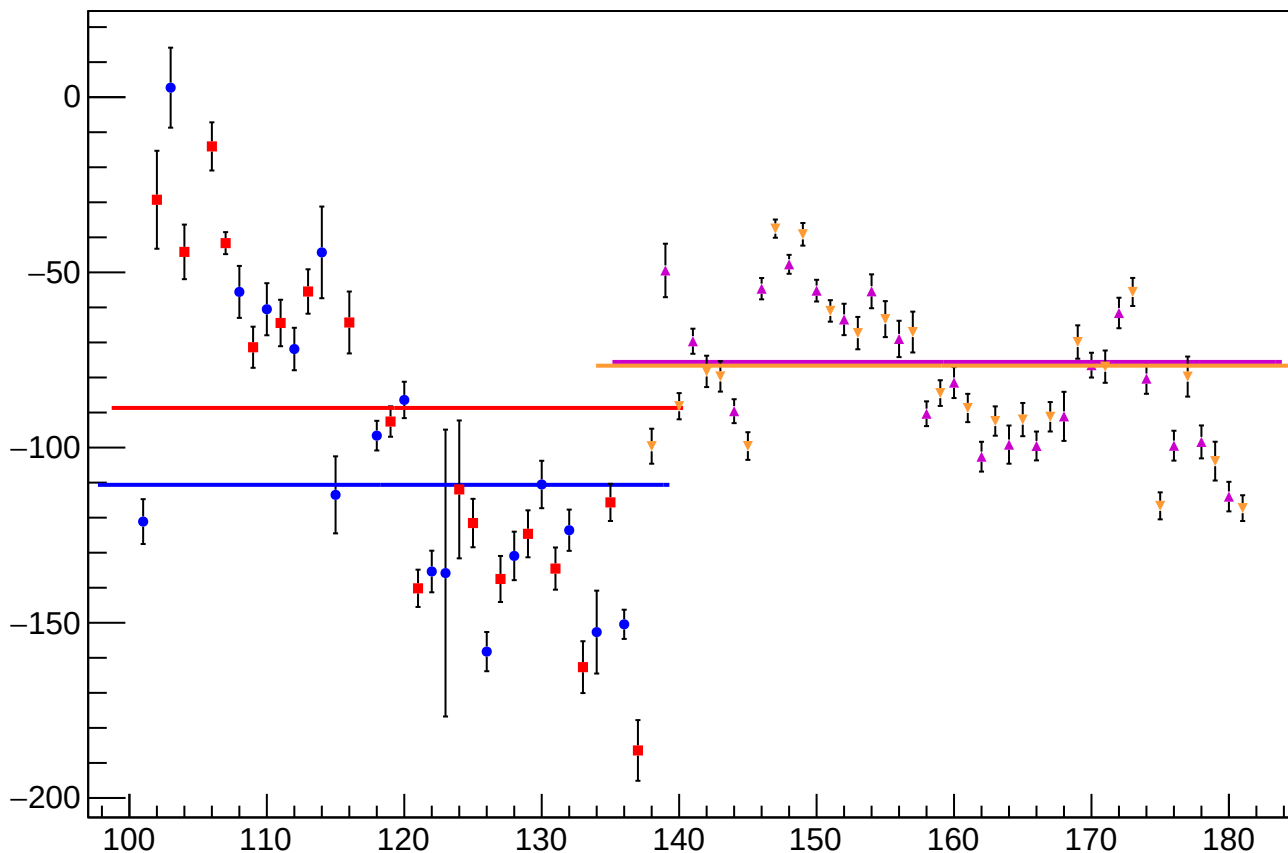
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -241.475 $\pm$ 0.945 χ^2 /NDF:3352.1/37

Out: -233.189 $\pm$ 0.909 χ^2 /NDF:5718.0/40

All: -237.173 $\pm$ 0.655 χ^2 /NDF: 9110.1/78

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: -76.630 ± 0.846 χ^2/NDF : 800.4/22

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: -76.112 ± 0.609 χ^2/NDF : 1322.6/43

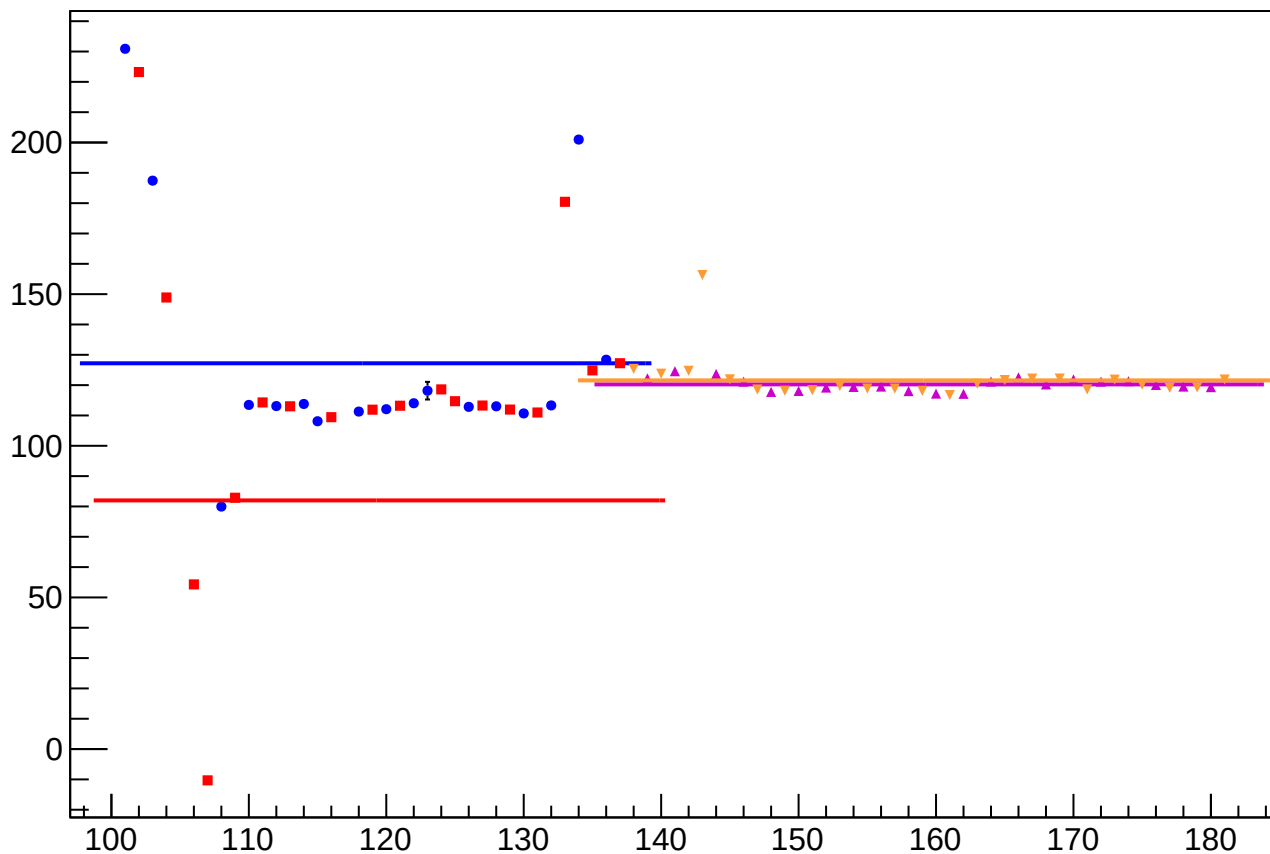
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -83.800 ± 0.766 χ^2/NDF : 1406.8/37

Out: -79.743 ± 0.729 χ^2/NDF : 1816.8/40

All: -81.670 ± 0.528 χ^2/NDF : 3238.2/78

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: 121.569 $\pm$ 0.041 χ^2 /NDF: 27308.1/22

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: 120.916 $\pm$ 0.029 χ^2 /NDF: 30425.9/43

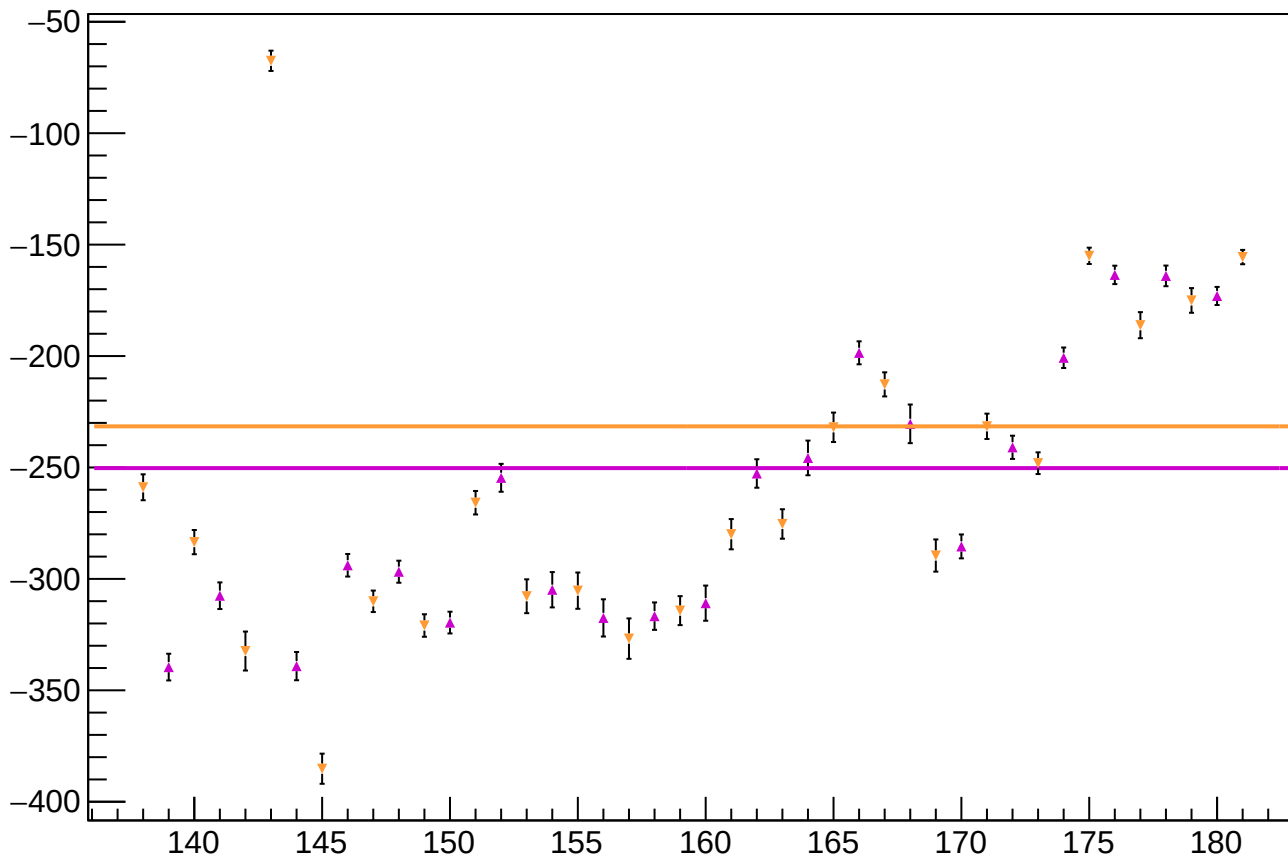
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.465 $\pm$ 0.037 χ^2 /NDF: 195646.2/37

Out: 112.689 $\pm$ 0.036 χ^2 /NDF: 990325.1/40

All: 116.893 $\pm$ 0.026 χ^2 /NDF: 1214825.3/78

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: -231.550+/-1.147 χ^2/NDF : 4478.7/22

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: -240.381+/-0.834 χ^2/NDF : 7185.1/43

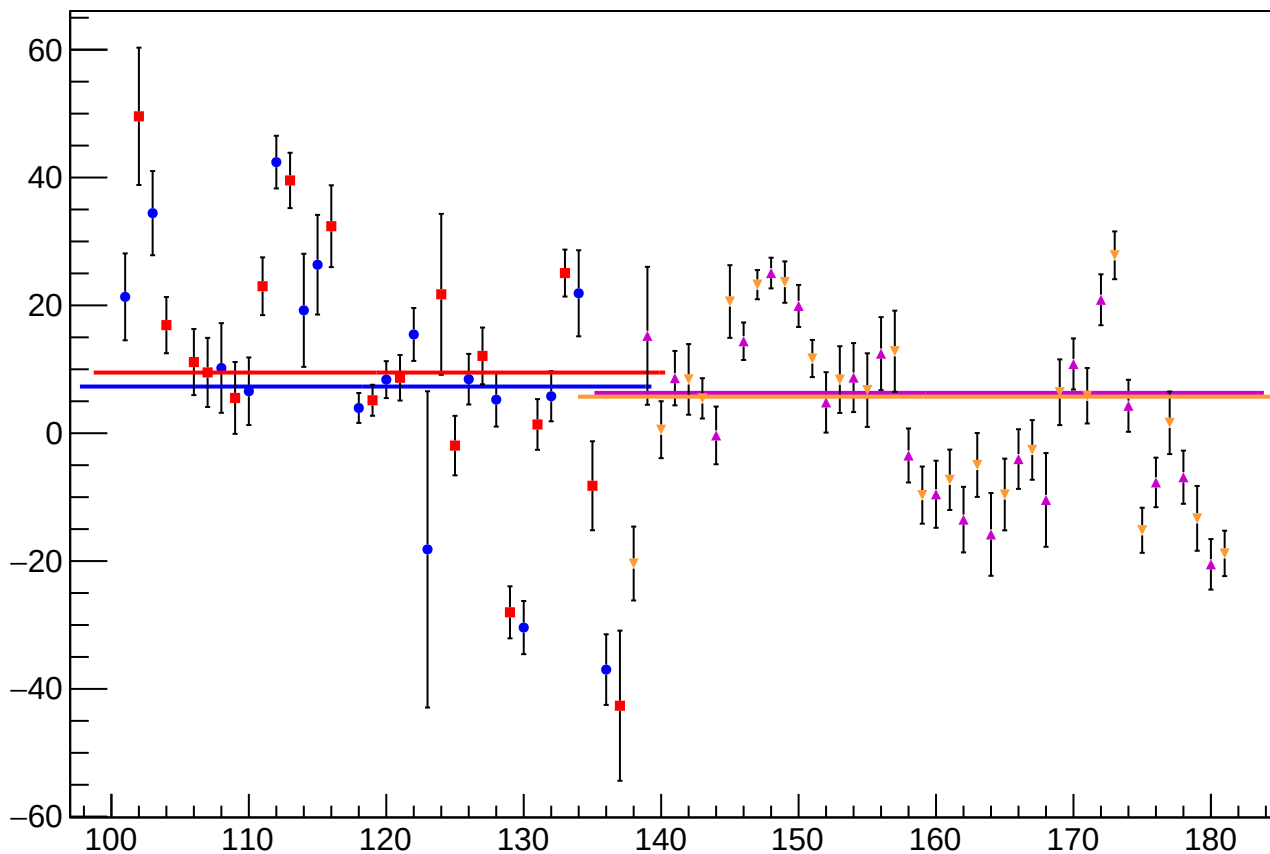
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -250.285+/-1.215 χ^2/NDF : 2580.7/20

Out: -231.550+/-1.147 χ^2/NDF : 4478.7/22

All: -240.381+/-0.834 χ^2/NDF : 7185.1/43

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 5.713 $\pm$ 0.858 χ^2 /NDF:291.5/22

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 6.313 $\pm$ 0.914 χ^2 /NDF:225.6/20

Left: 5.994 $\pm$ 0.626 χ^2 /NDF: 517.4/43

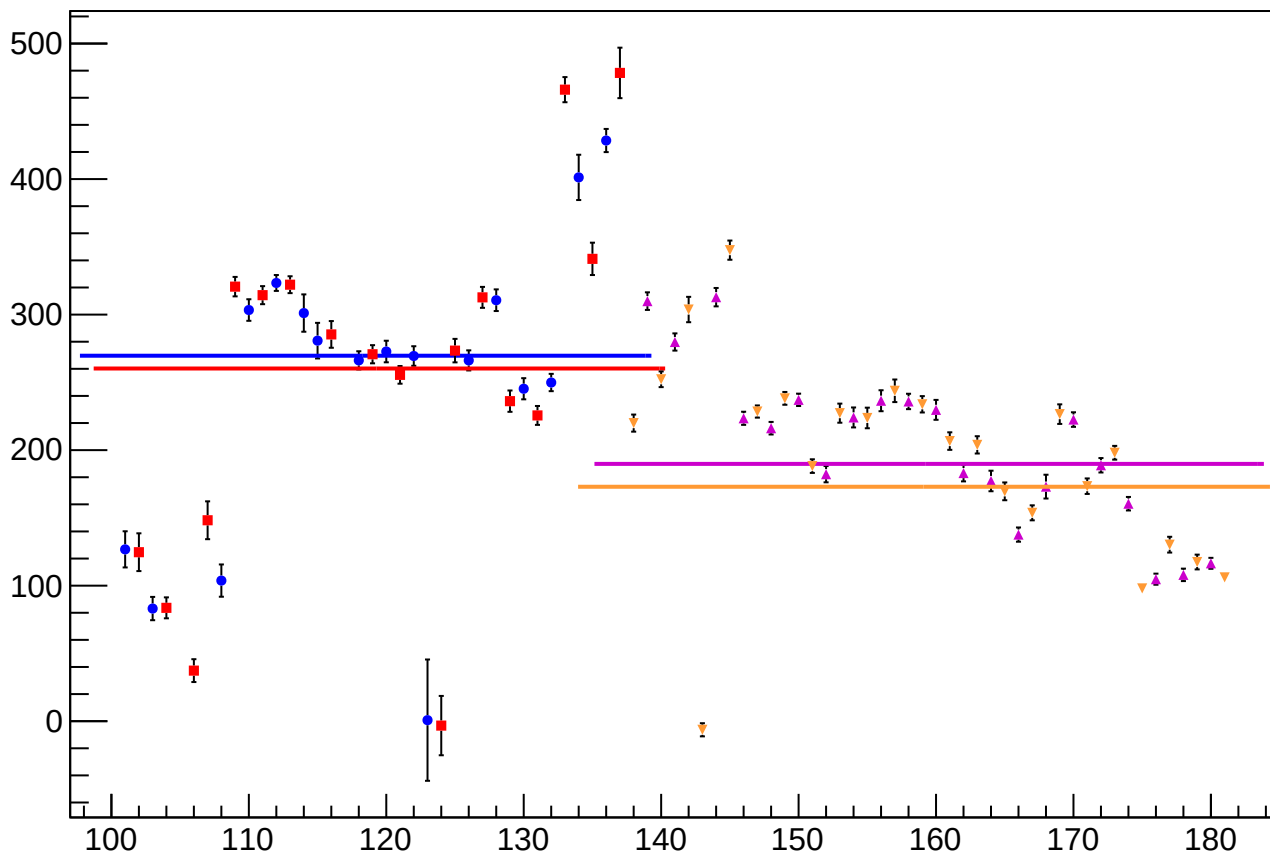
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 6.724 $\pm$ 0.699 χ^2 /NDF:486.7/37

Out: 7.188 $\pm$ 0.670 χ^2 /NDF:530.2/40

All: 6.965 $\pm$ 0.484 χ^2 /NDF: 1017.2/78

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: 172.978 $\pm$ 1.146 χ^2 /NDF: 4161.8/22

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: 181.003 $\pm$ 0.829 χ^2 /NDF: 6737.8/43

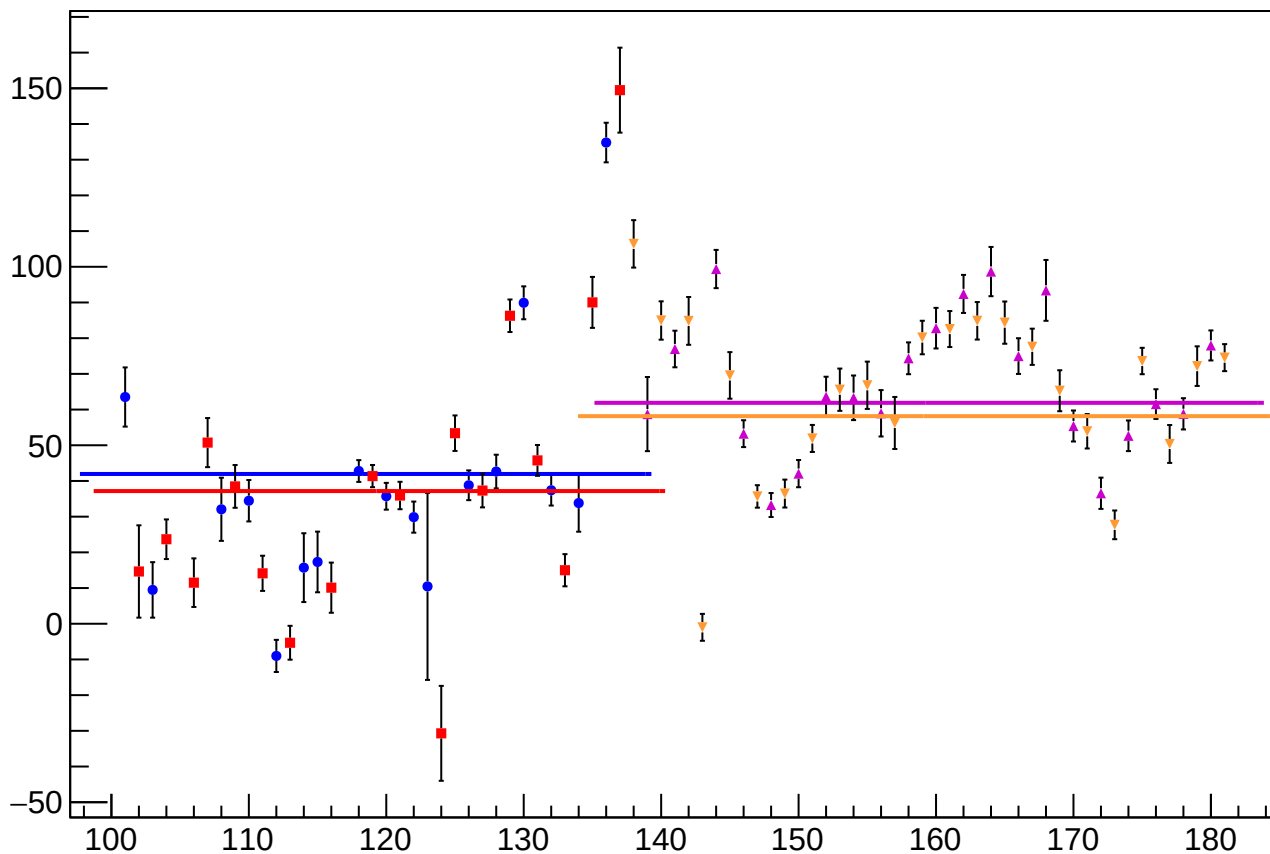
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 209.896 $\pm$ 1.041 χ^2 /NDF: 4956.3/37

Out: 194.878 $\pm$ 0.991 χ^2 /NDF: 8145.9/40

All: 202.024 $\pm$ 0.718 χ^2 /NDF: 13211.4/78

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: 58.159 $\pm$ 0.993 χ^2 /NDF:640.7/22

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: 59.923 $\pm$ 0.721 χ^2 /NDF: 969.0/43

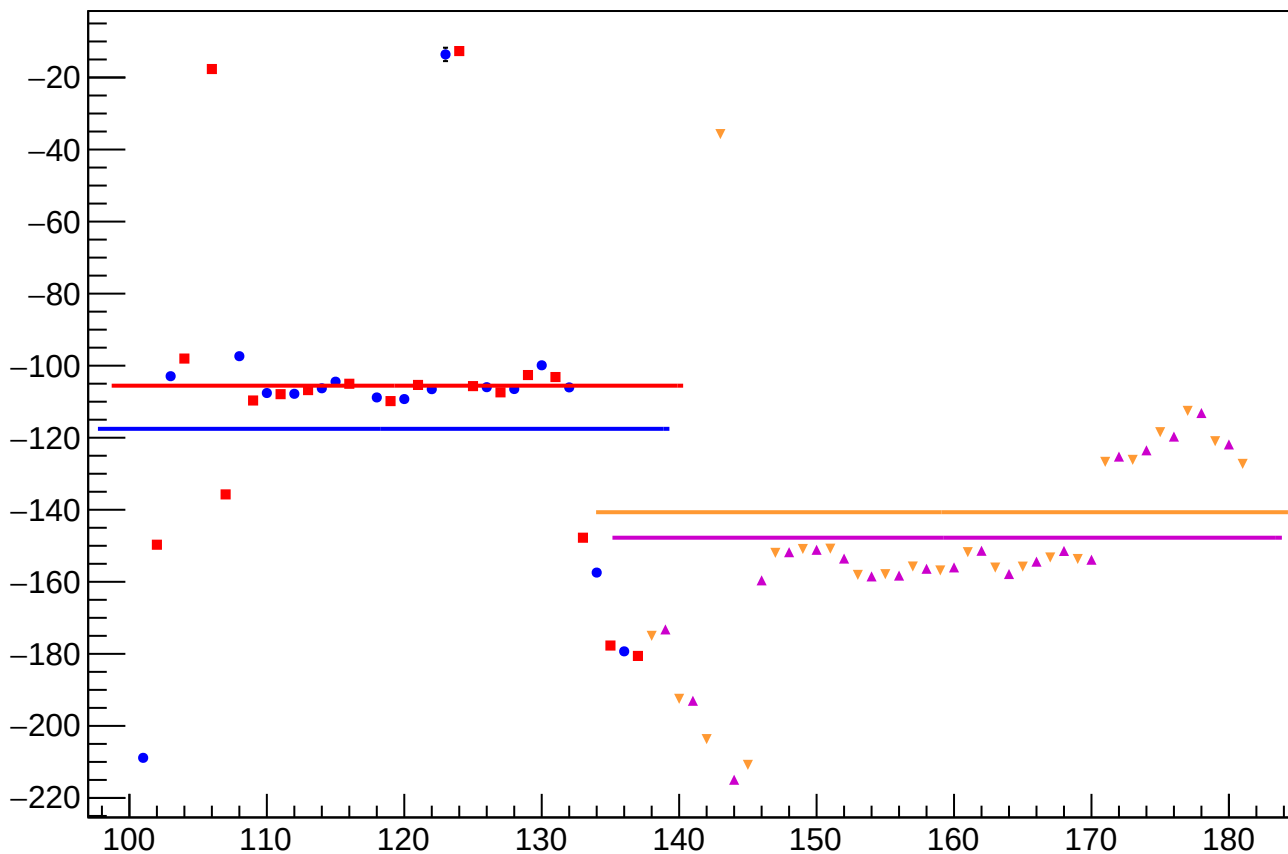
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 53.717 $\pm$ 0.806 χ^2 /NDF:1043.8/37

Out: 49.926 $\pm$ 0.774 χ^2 /NDF:1286.8/40

All: 51.746 $\pm$ 0.558 χ^2 /NDF: 2342.2/78

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -140.680 ± 0.048 $\chi^2/\text{NDF}: 534677.3/22$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -147.759 ± 0.049 $\chi^2/\text{NDF}: 205330.6/20$

Left: -144.115 ± 0.034 $\chi^2/\text{NDF}: 750752.5/43$

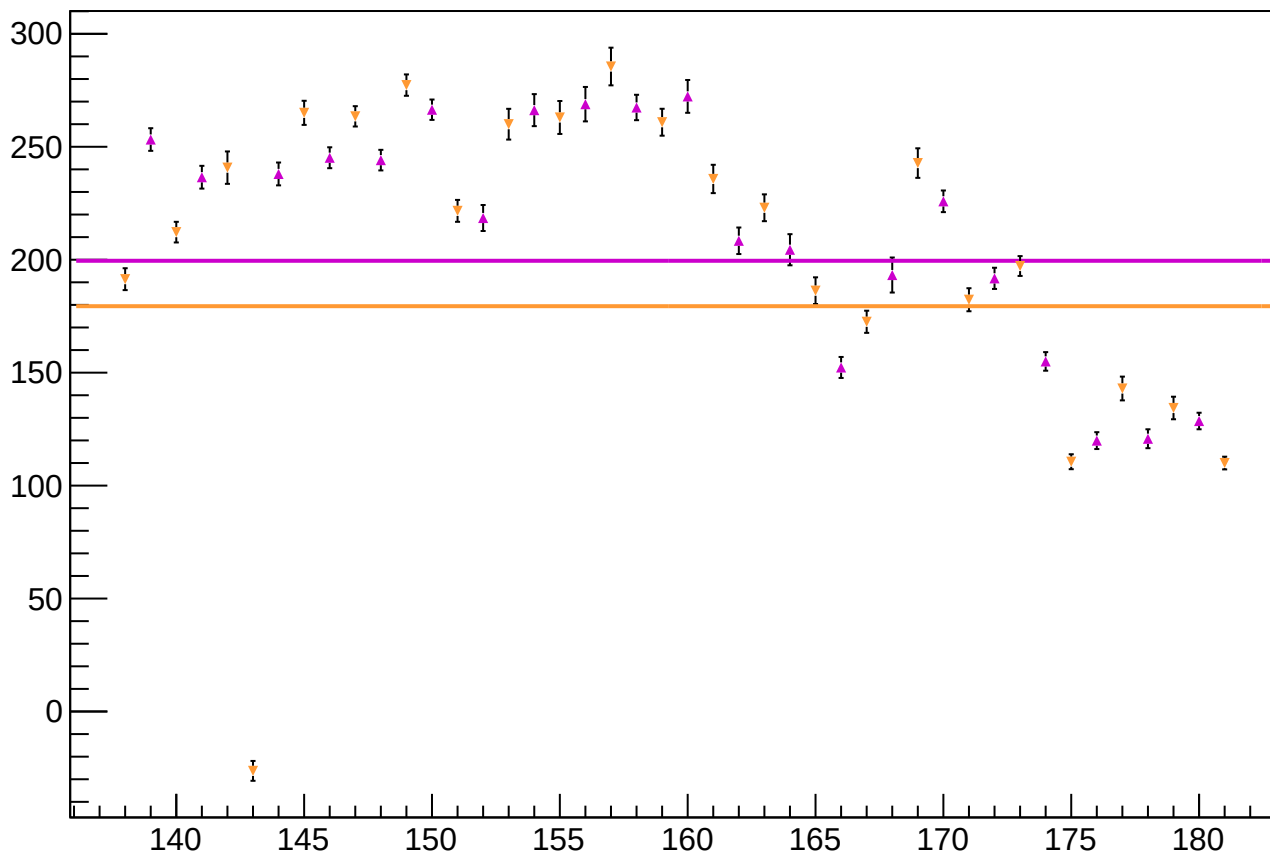
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -139.227 ± 0.042 $\chi^2/\text{NDF}: 454802.0/37$

Out: -130.184 ± 0.040 $\chi^2/\text{NDF}: 1015012.3/40$

All: -134.520 ± 0.029 $\chi^2/\text{NDF}: 1494525.4/78$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 179.426 $\pm$ 1.027 χ^2/NDF :5469.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 199.531 $\pm$ 1.088 χ^2/NDF :2510.1/20

Left: 188.904 $\pm$ 0.747 χ^2/NDF : 8160.2/43

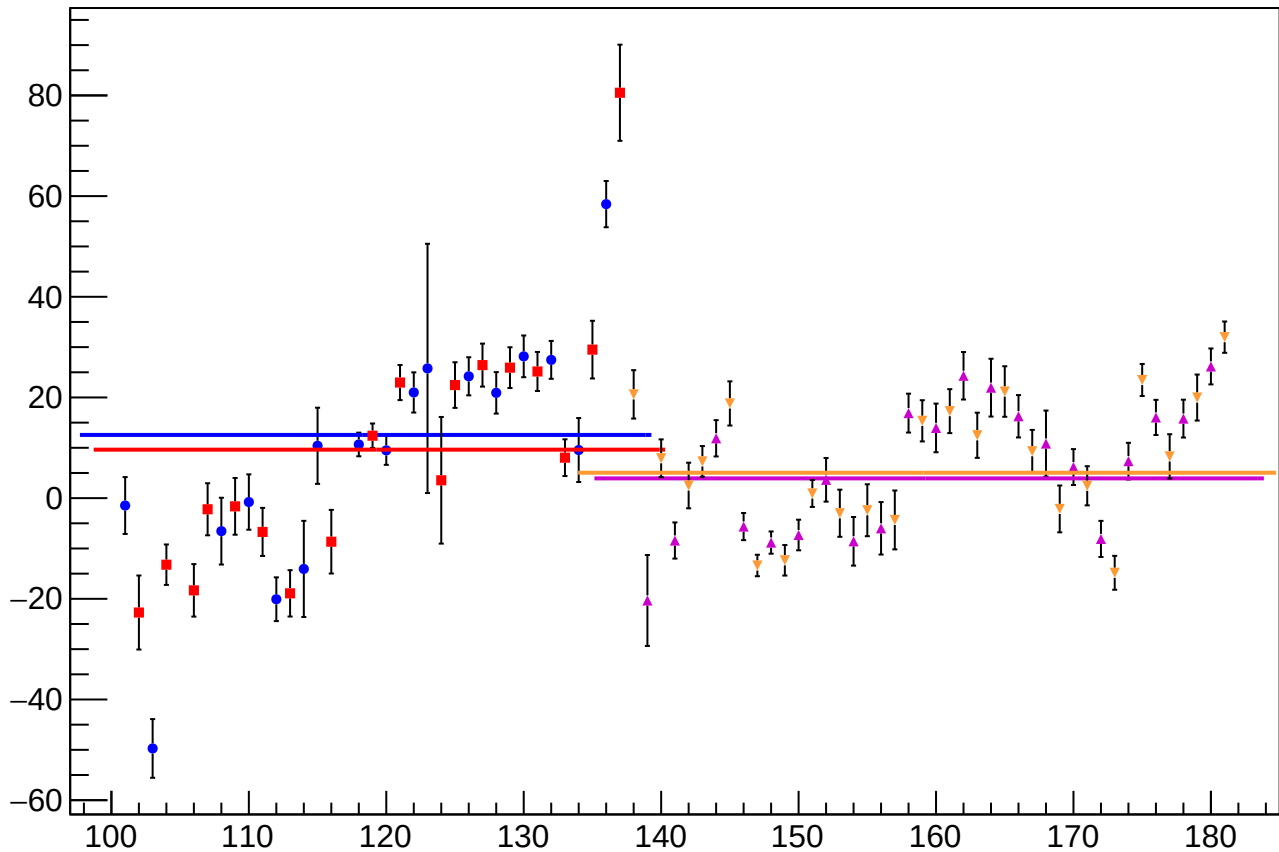
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 199.531 $\pm$ 1.088 χ^2/NDF :2510.1/20

Out: 179.426 $\pm$ 1.027 χ^2/NDF :5469.6/22

All: 188.904 $\pm$ 0.747 χ^2/NDF : 8160.2/43

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: 5.048 $\pm$ 0.775 χ^2 /NDF:325.1/22

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: 4.519 $\pm$ 0.564 χ^2 /NDF: 547.0/43

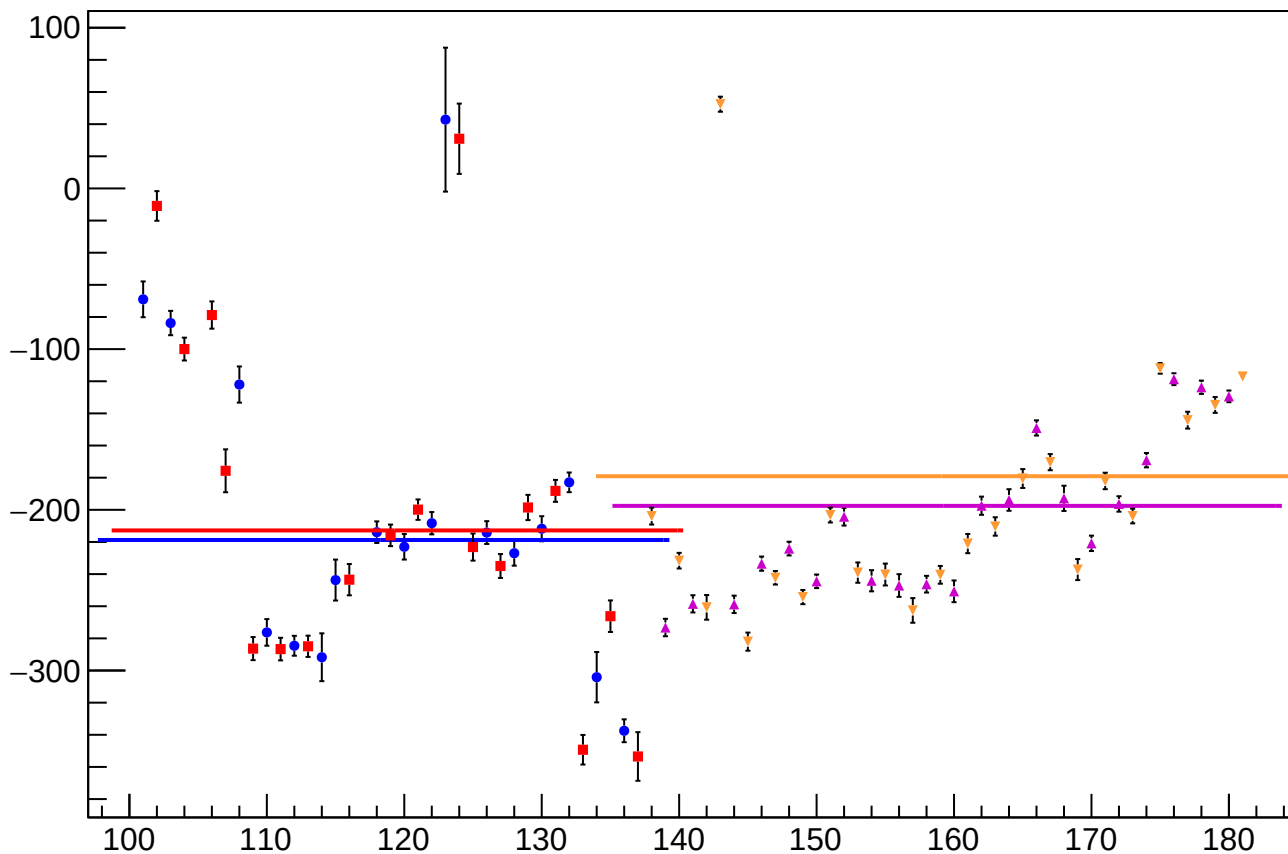
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 7.179 $\pm$ 0.649 χ^2 /NDF:611.1/37

Out: 6.667 $\pm$ 0.624 χ^2 /NDF:624.9/40

All: 6.913 $\pm$ 0.450 χ^2 /NDF: 1236.3/78

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -179.090 ± 1.028 $\chi^2/\text{NDF}: 5157.7/22$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -197.540 ± 1.079 $\chi^2/\text{NDF}: 2223.8/20$

Left: -187.869 ± 0.744 $\chi^2/\text{NDF}: 7534.7/43$

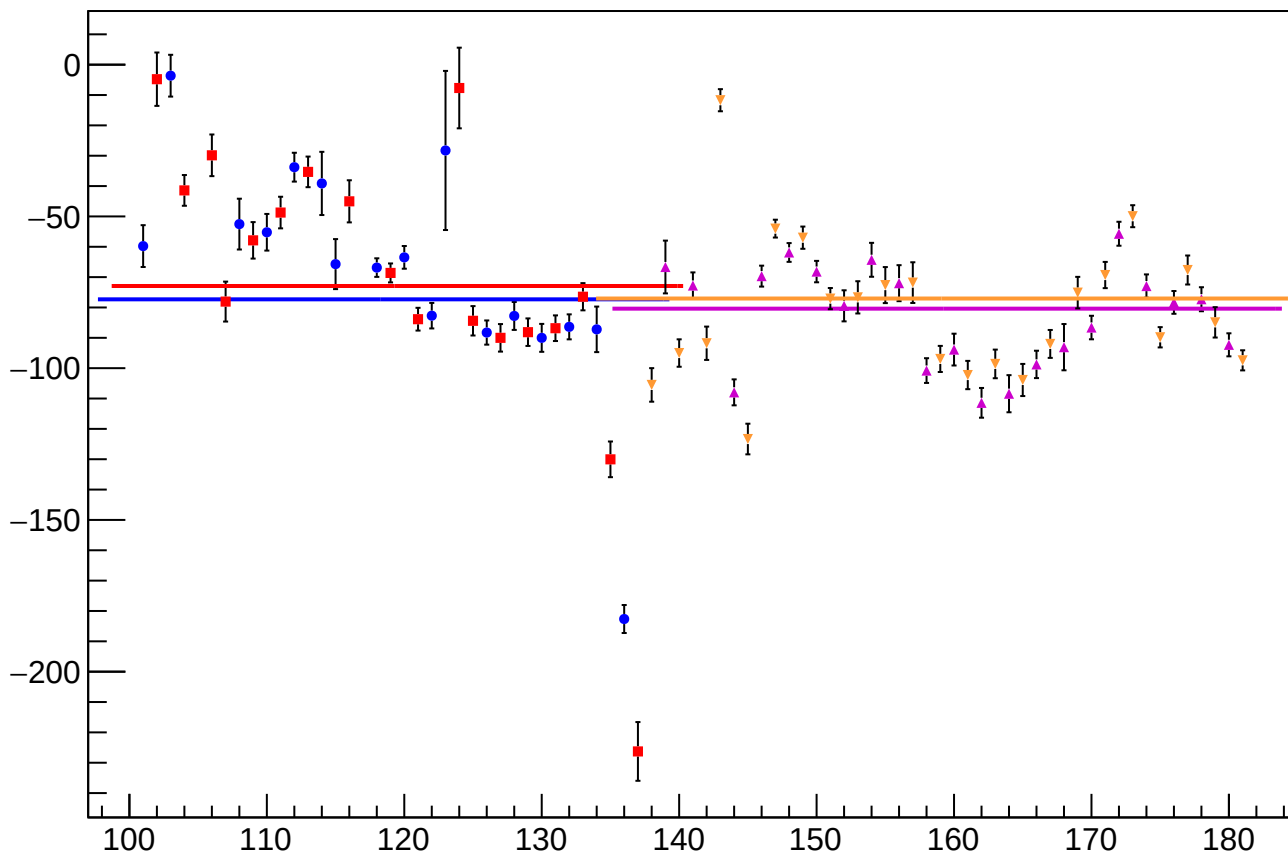
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -202.291 ± 0.951 $\chi^2/\text{NDF}: 3454.7/37$

Out: -186.569 ± 0.907 $\chi^2/\text{NDF}: 7220.8/40$

All: -194.060 ± 0.656 $\chi^2/\text{NDF}: 10818.7/78$

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: -77.049 ± 0.895 χ^2/NDF : 773.8/22

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: -78.632 ± 0.649 χ^2/NDF : 1063.8/43

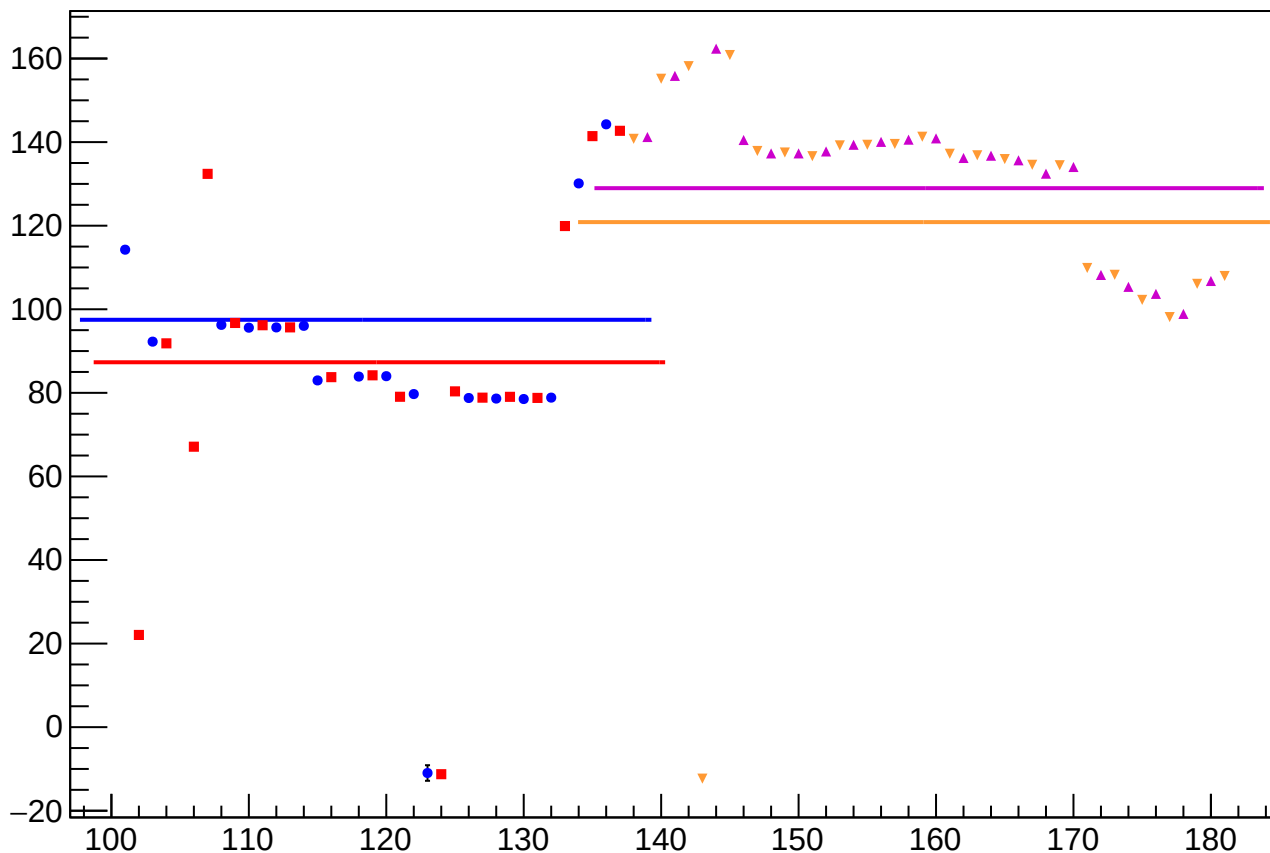
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.243 ± 0.747 χ^2/NDF : 1105.0/37

Out: -75.585 ± 0.719 χ^2/NDF : 1442.2/40

All: -77.345 ± 0.518 χ^2/NDF : 2559.6/78

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: 120.859+/-0.043 χ^2/NDF : 700857.8/22

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: 124.805+/-0.031 χ^2/NDF : 878858.1/43

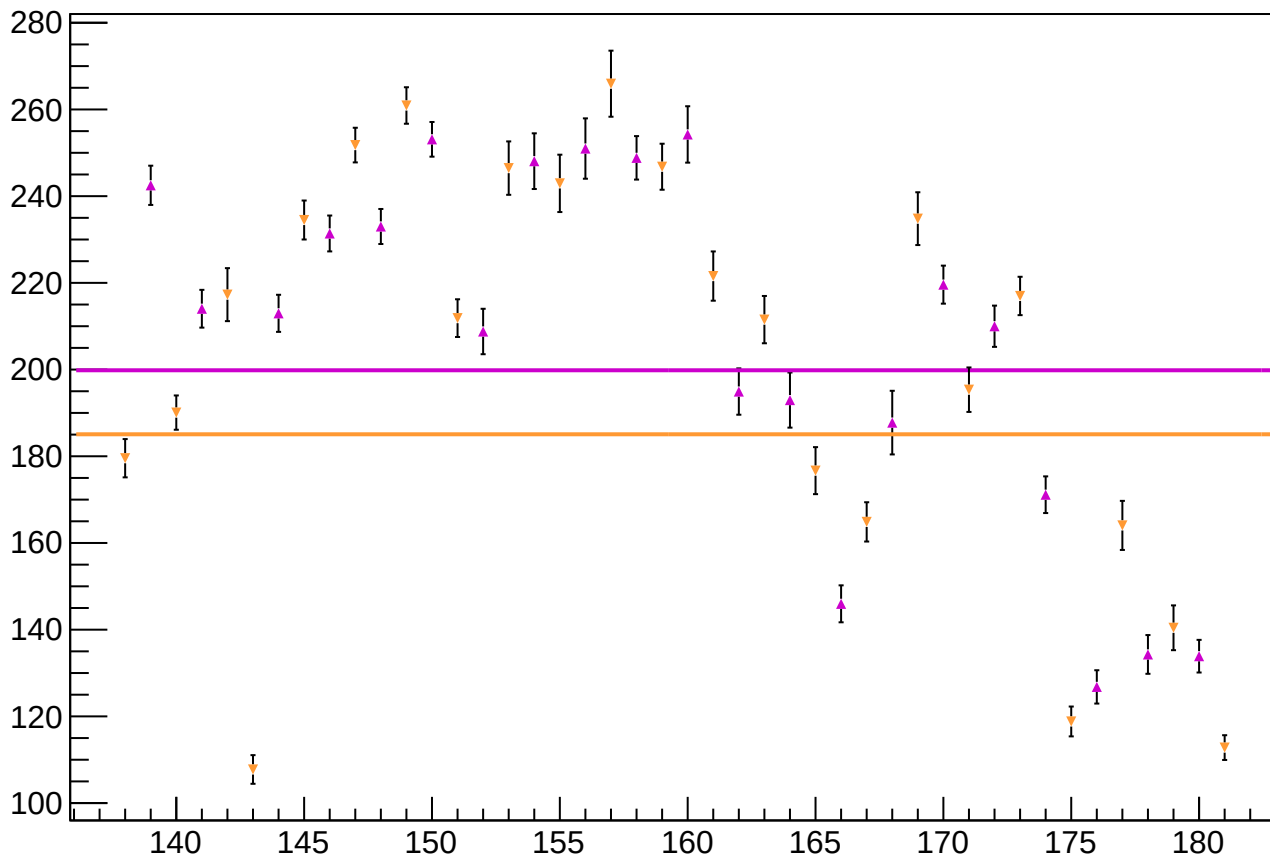
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 120.664+/-0.038 χ^2/NDF : 390482.5/37

Out: 111.434+/-0.036 χ^2/NDF : 1095913.3/40

All: 115.866+/-0.026 χ^2/NDF : 1517567.3/78

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: 185.072+/-0.955 χ^2/NDF :3072.8/22

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: 191.954+/-0.698 χ^2/NDF : 4993.0/43

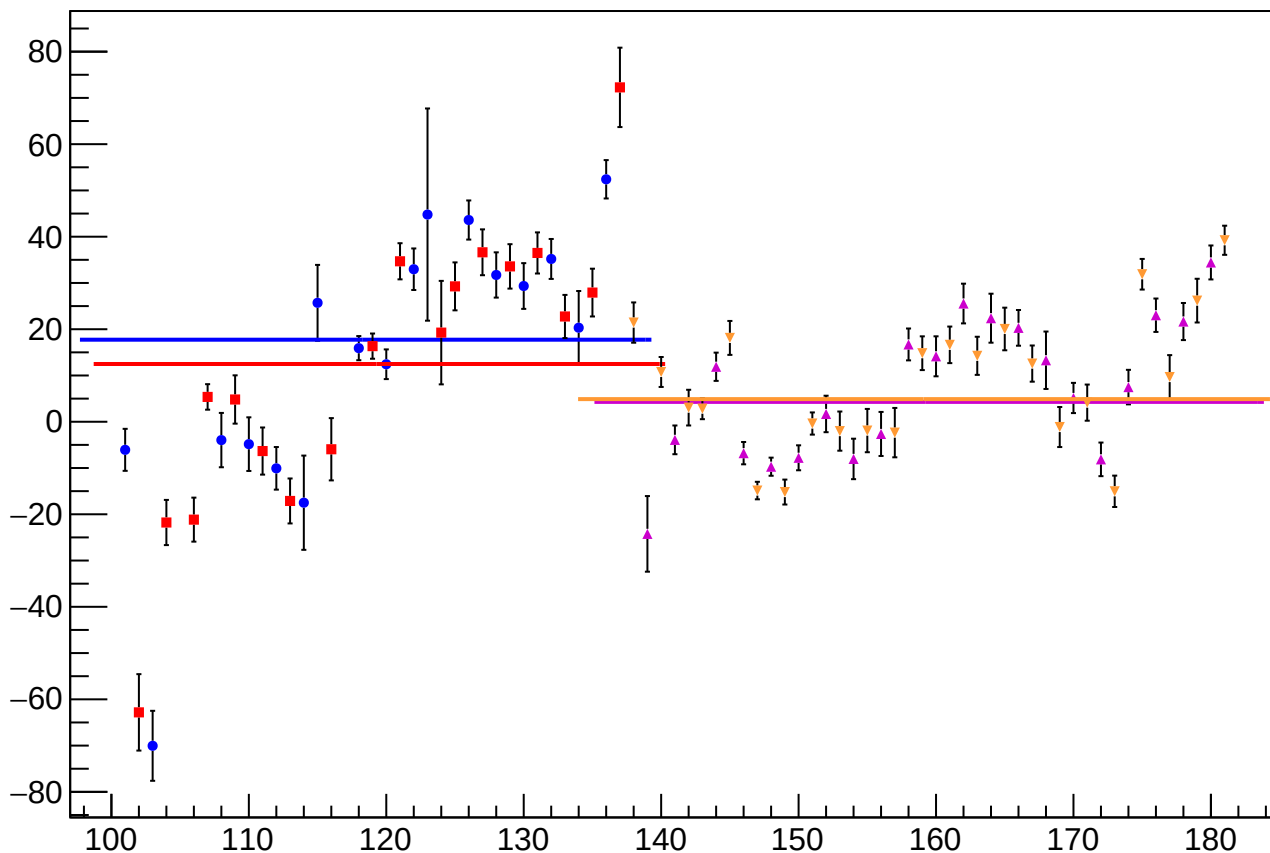
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 199.837+/-1.022 χ^2/NDF :1808.8/20

Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

All: 191.954+/-0.698 χ^2/NDF : 4993.0/43

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 4.893 ± 0.706 $\chi^2/\text{NDF}: 487.0/22$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 4.294 ± 0.760 $\chi^2/\text{NDF}: 327.5/20$

Left: 4.616 ± 0.517 $\chi^2/\text{NDF}: 814.9/43$

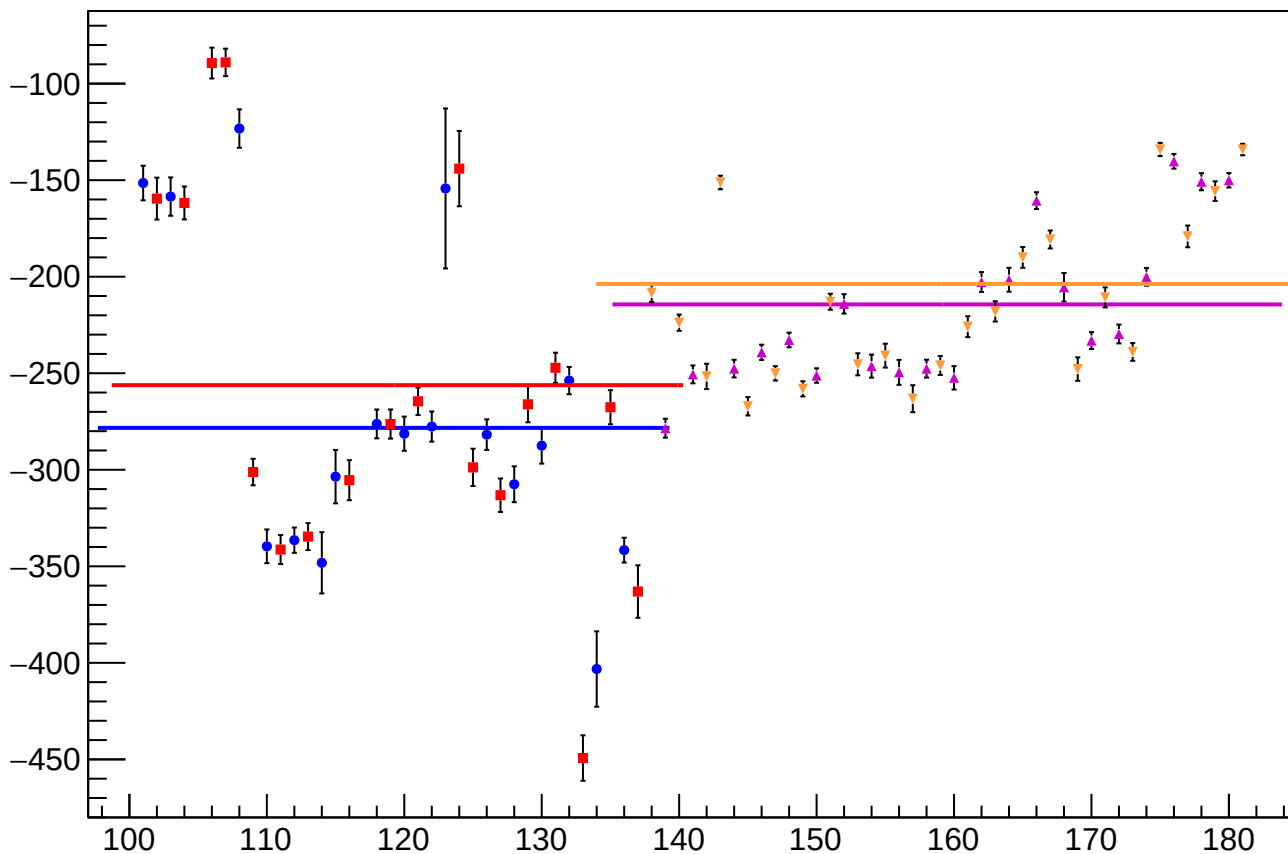
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 8.387 ± 0.634 $\chi^2/\text{NDF}: 816.8/37$

Out: 7.150 ± 0.592 $\chi^2/\text{NDF}: 950.6/40$

All: 7.726 ± 0.432 $\chi^2/\text{NDF}: 1769.4/78$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -208.744+/-0.696 χ^2/NDF : 4032.7/43

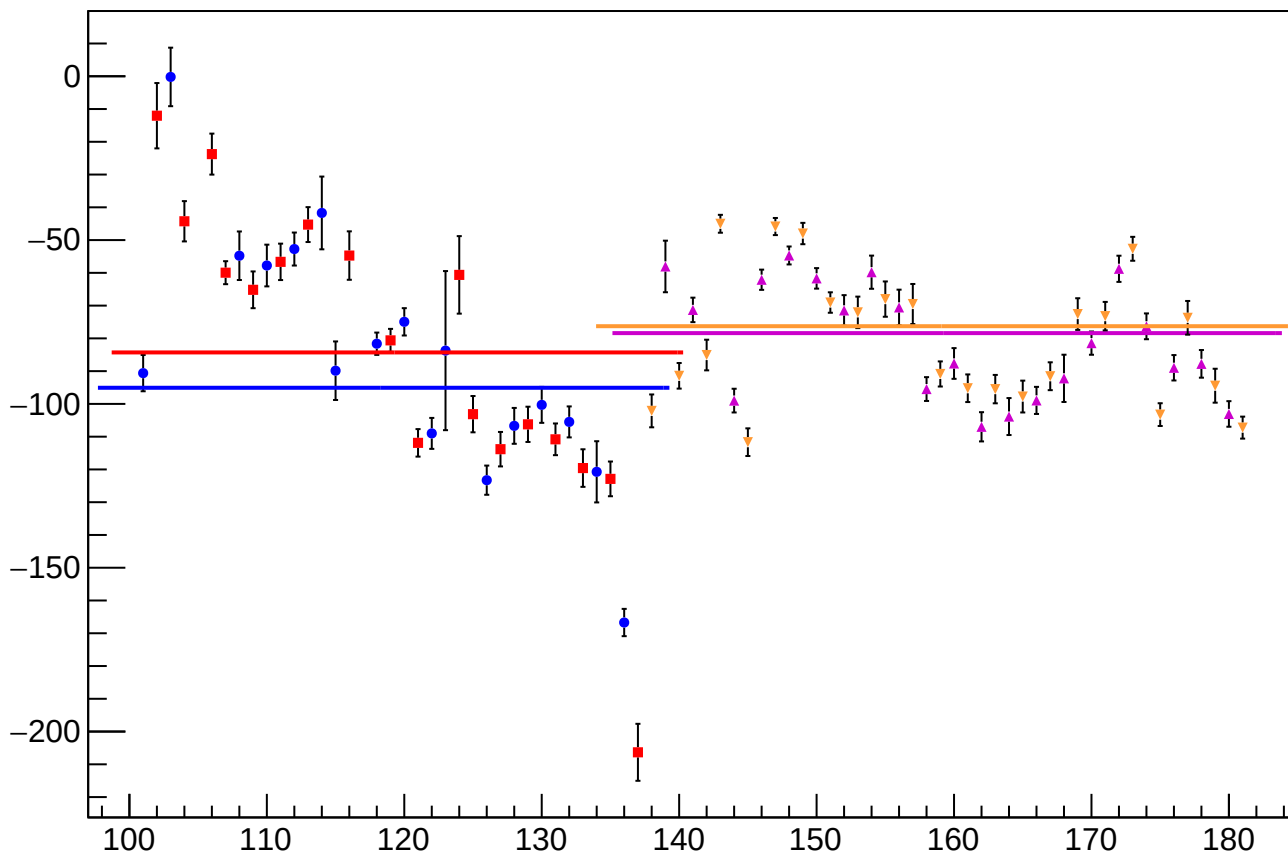
Right: -266.460+/-1.481 χ^2/NDF : 2917.6/34

In: -225.769+/-0.918 χ^2/NDF :3298.0/37

Out: -213.315+/-0.865 χ^2/NDF :4799.0/40

All: -219.173+/-0.630 χ^2/NDF : 8194.4/78

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: -76.285 ± 0.821 χ^2/NDF : 754.9/22

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: -77.270 ± 0.600 χ^2/NDF : 1142.9/43

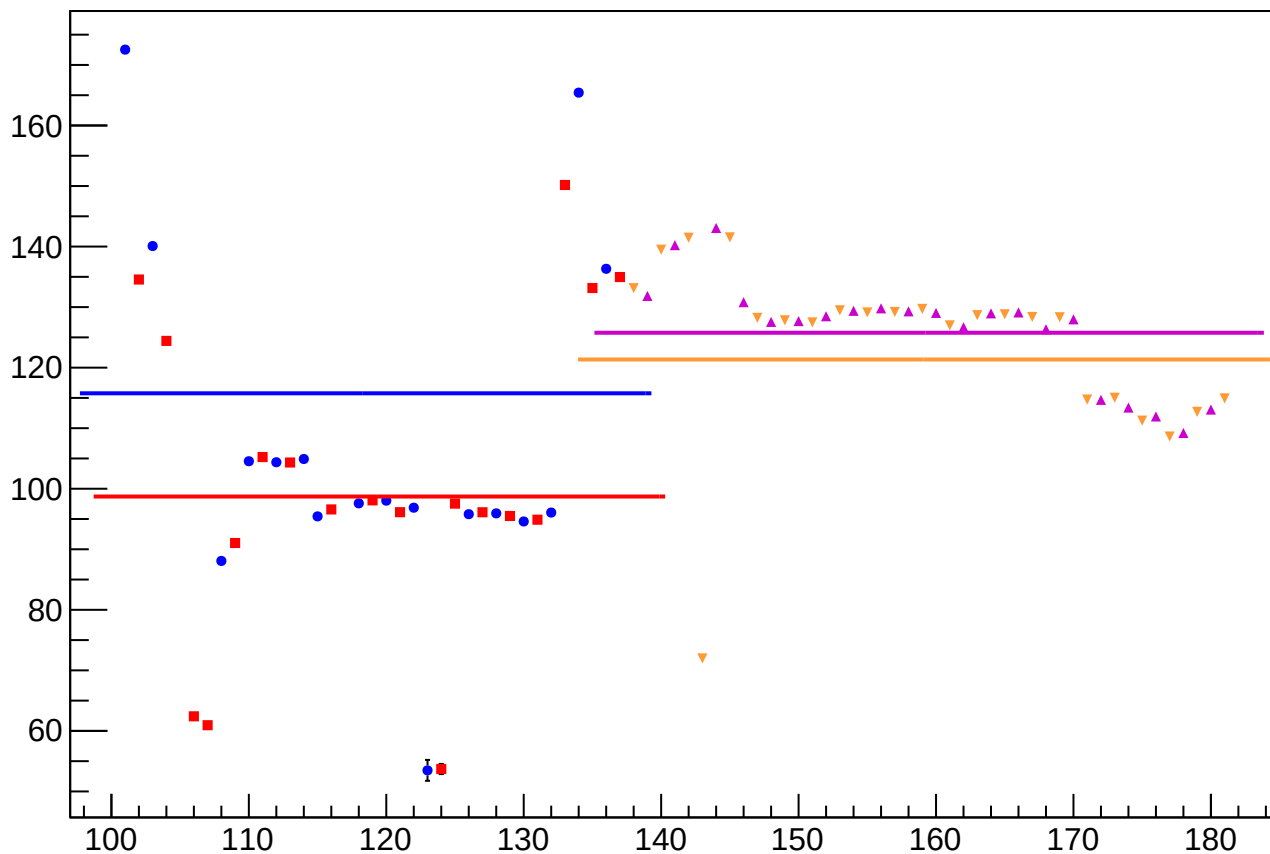
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -83.477 ± 0.732 χ^2/NDF : 1168.2/37

Out: -78.677 ± 0.688 χ^2/NDF : 1552.1/40

All: -80.929 ± 0.501 χ^2/NDF : 2743.2/78

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 121.349+/-0.040 χ^2/NDF : 180730.5/22

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 125.766+/-0.041 χ^2/NDF : 44867.5/20

Left: 123.473+/-0.028 χ^2/NDF : 231596.0/43

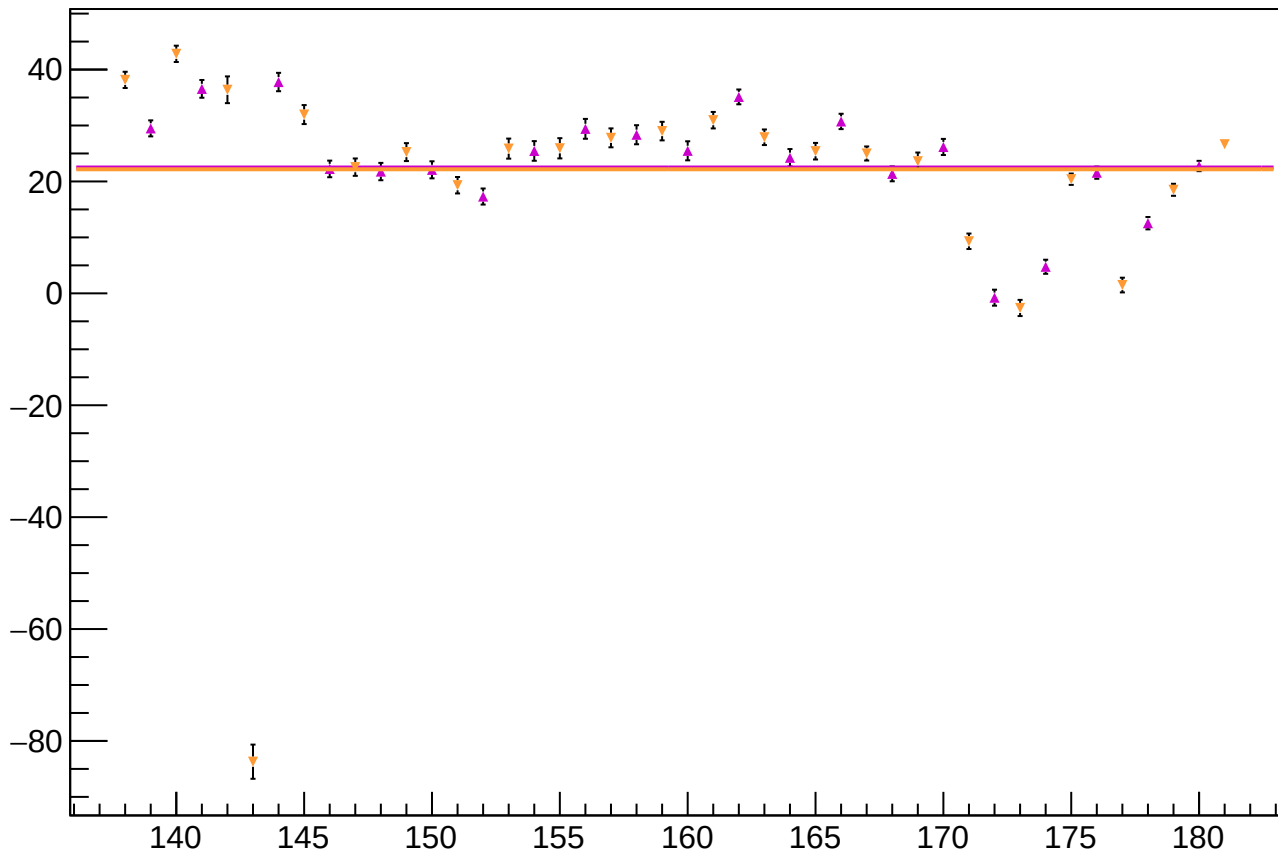
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 123.596+/-0.036 χ^2/NDF : 164016.4/37

Out: 115.716+/-0.034 χ^2/NDF : 432439.3/40

All: 119.423+/-0.025 χ^2/NDF : 621320.7/78

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: 22.174+/-0.296 χ^2/NDF :2366.8/22

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: 22.328+/-0.212 χ^2/NDF : 3282.8/43

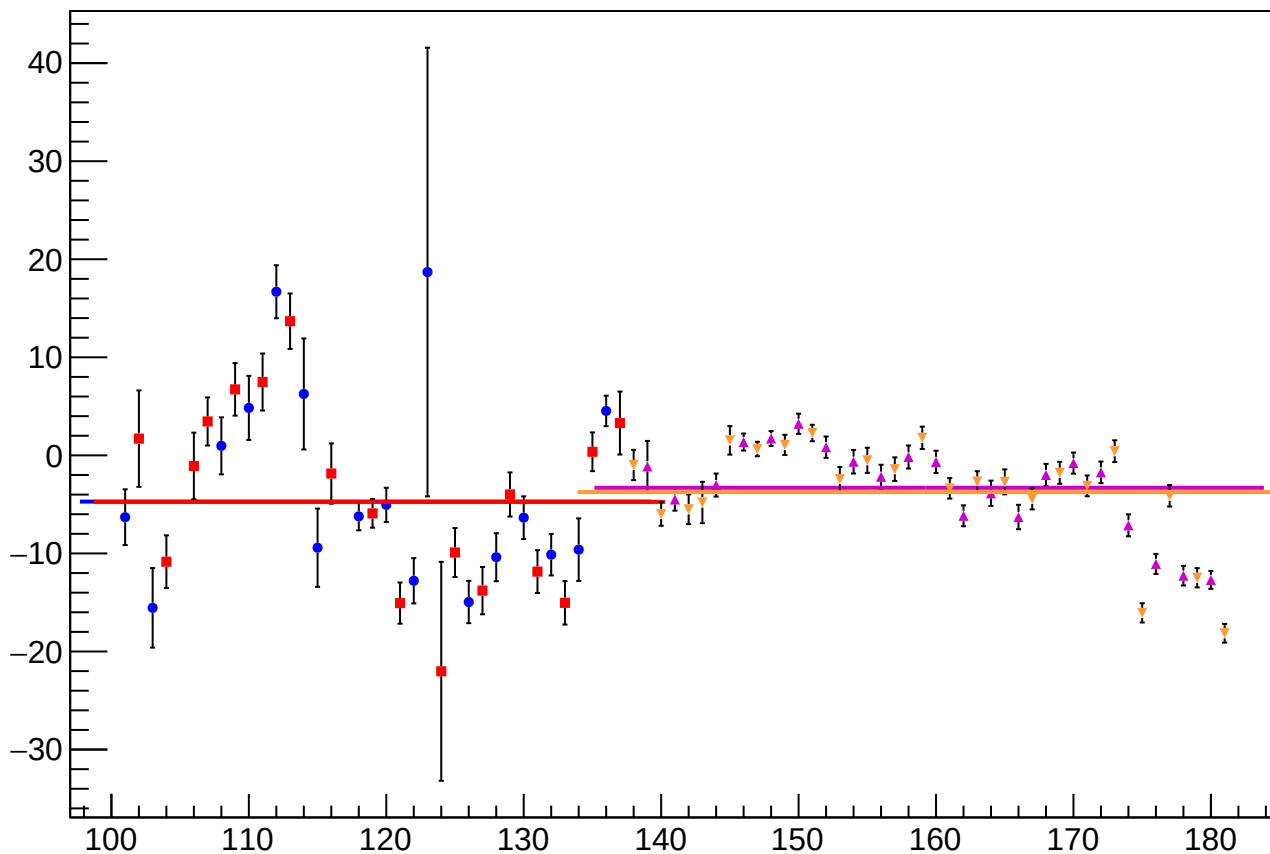
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.489+/-0.303 χ^2/NDF :915.5/20

Out: 22.174+/-0.296 χ^2/NDF :2366.8/22

All: 22.328+/-0.212 χ^2/NDF : 3282.8/43

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: -3.743 ± 0.230 χ^2/NDF : 646.8/22

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: -3.528 ± 0.165 χ^2/NDF : 1076.0/43

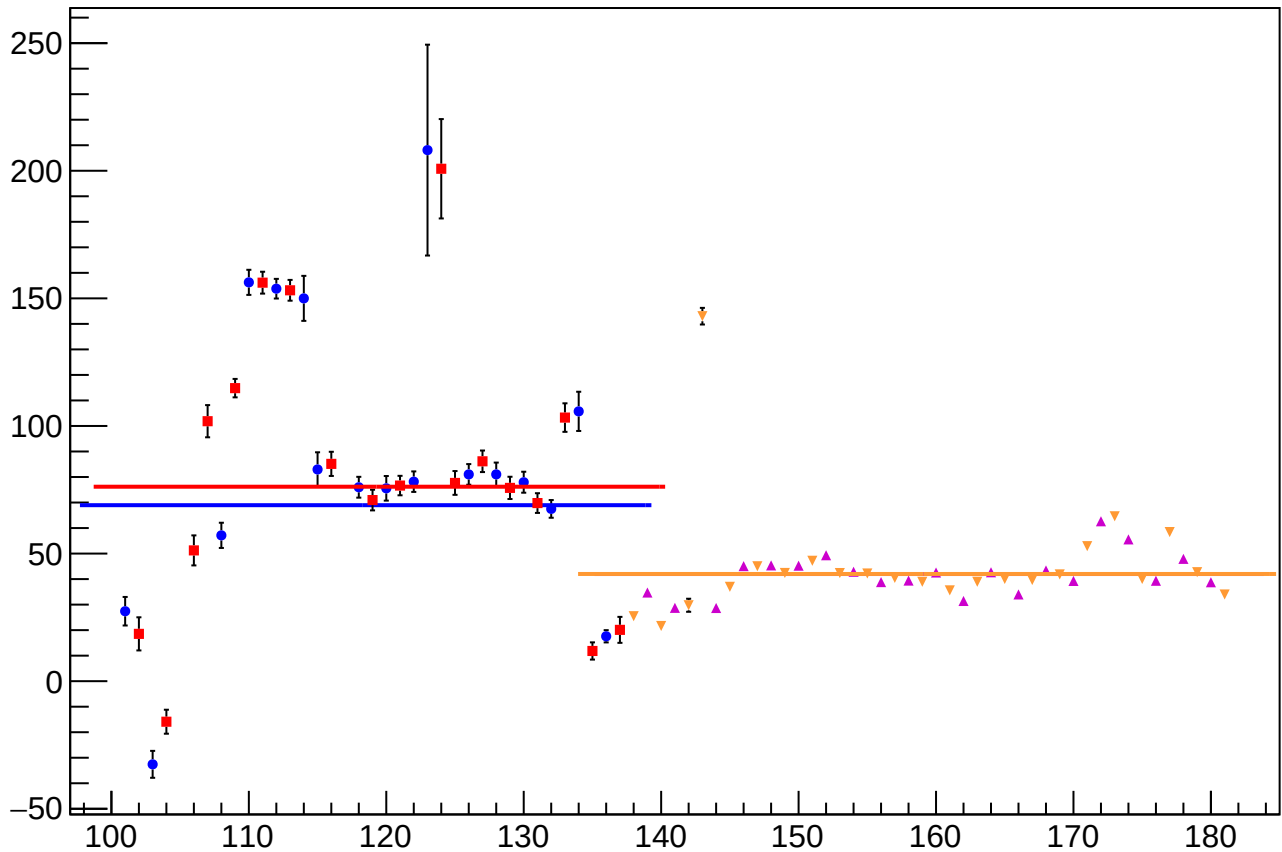
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -3.503 ± 0.219 χ^2/NDF : 607.2/37

Out: -3.877 ± 0.214 χ^2/NDF : 838.7/40

All: -3.694 ± 0.153 χ^2/NDF : 1447.3/78

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.007 ± 0.294 $\chi^2/\text{NDF}: 1855.7/22$

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: 41.997 ± 0.210 $\chi^2/\text{NDF}: 2500.0/43$

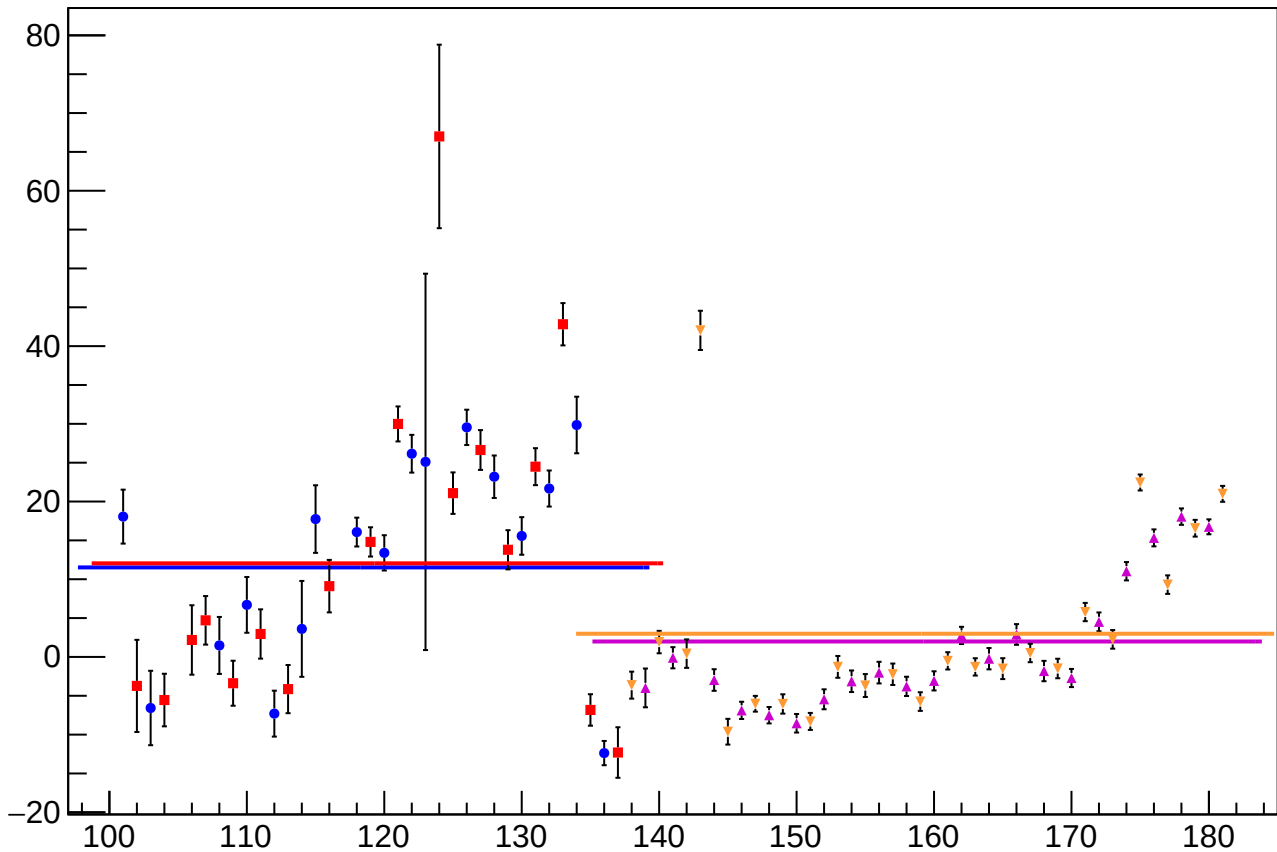
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.923 ± 0.289 $\chi^2/\text{NDF}: 3068.4/37$

Out: 44.410 ± 0.284 $\chi^2/\text{NDF}: 4684.3/40$

All: 44.171 ± 0.203 $\chi^2/\text{NDF}: 7754.2/78$

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: 2.983+/-0.261 χ^2/NDF : 1563.7/22

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: 2.495+/-0.187 χ^2/NDF : 2615.5/43

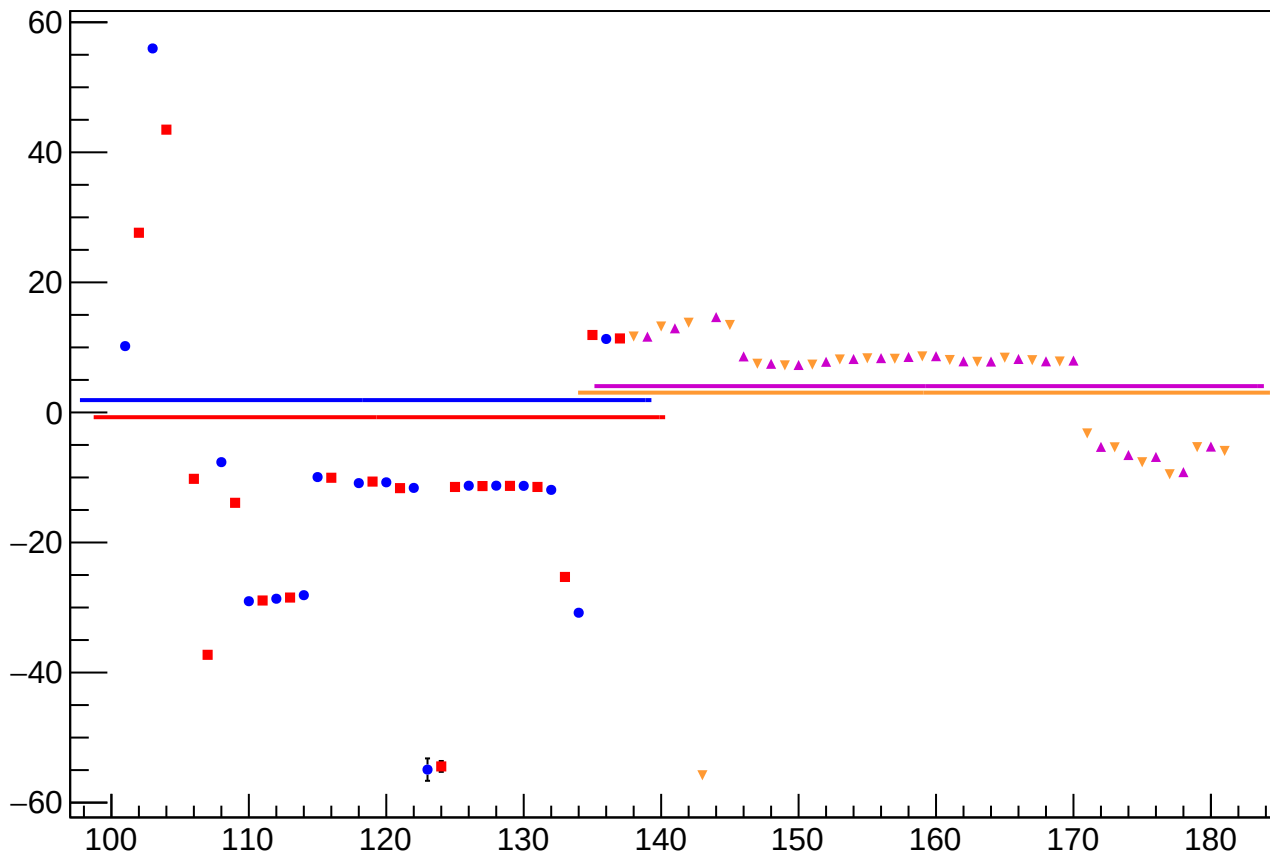
Right: 11.782+/-0.468 χ^2/NDF : 1016.2/34

In: 3.328+/-0.248 χ^2/NDF : 1701.3/37

Out: 4.194+/-0.243 χ^2/NDF : 2263.6/40

All: 3.769+/-0.173 χ^2/NDF : 3971.1/78

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: 3.044 $\pm$ 0.012 χ^2 /NDF:582103.7/22

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: 3.542 $\pm$ 0.009 χ^2 /NDF: 945960.1/43

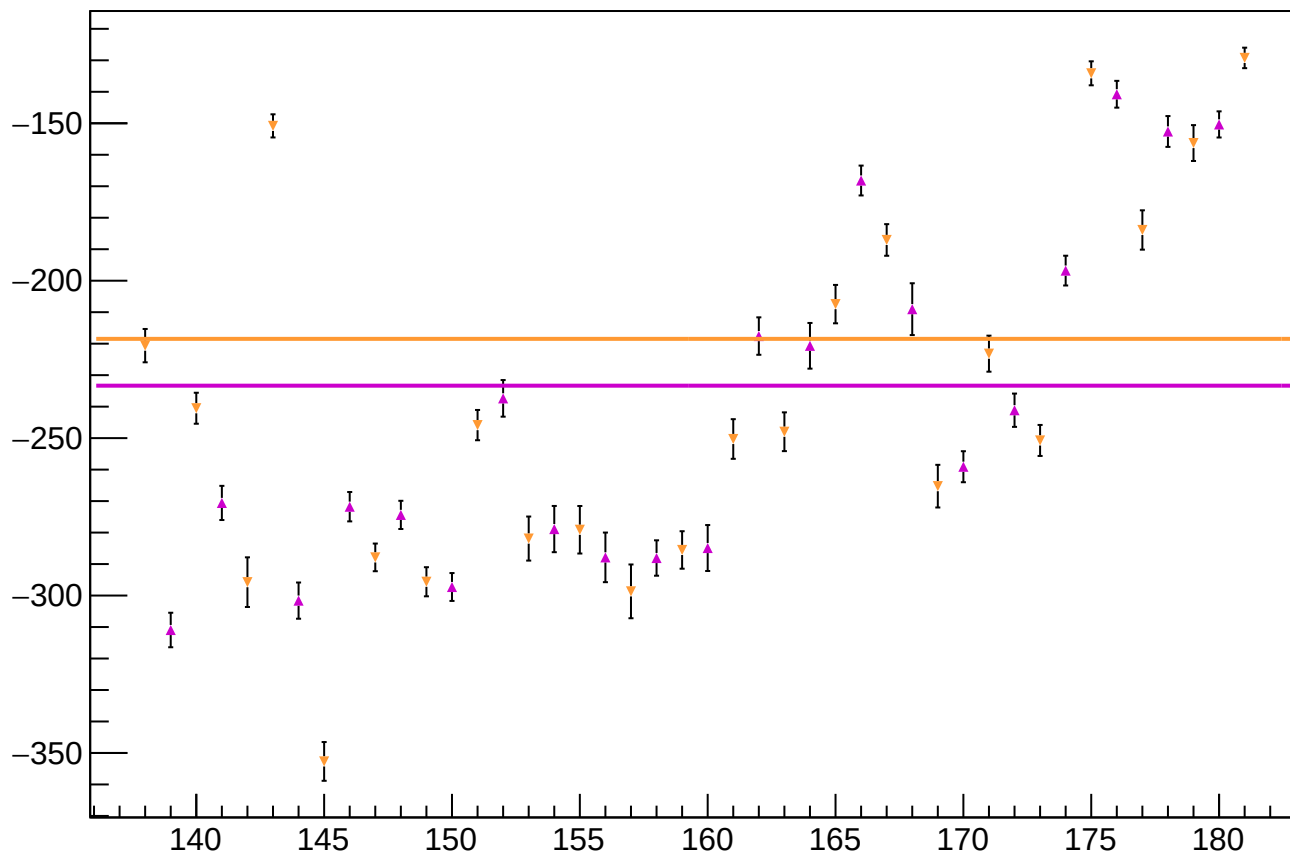
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 3.839 $\pm$ 0.012 χ^2 /NDF:722305.5/37

Out: 2.685 $\pm$ 0.011 χ^2 /NDF:951409.7/40

All: 3.259 $\pm$ 0.008 χ^2 /NDF: 1678772.7/78

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -218.471 ± 1.087 $\chi^2/\text{NDF}: 3425.8/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -233.340 ± 1.161 $\chi^2/\text{NDF}: 2421.8/20$

Left: -225.417 ± 0.793 $\chi^2/\text{NDF}: 5935.1/43$

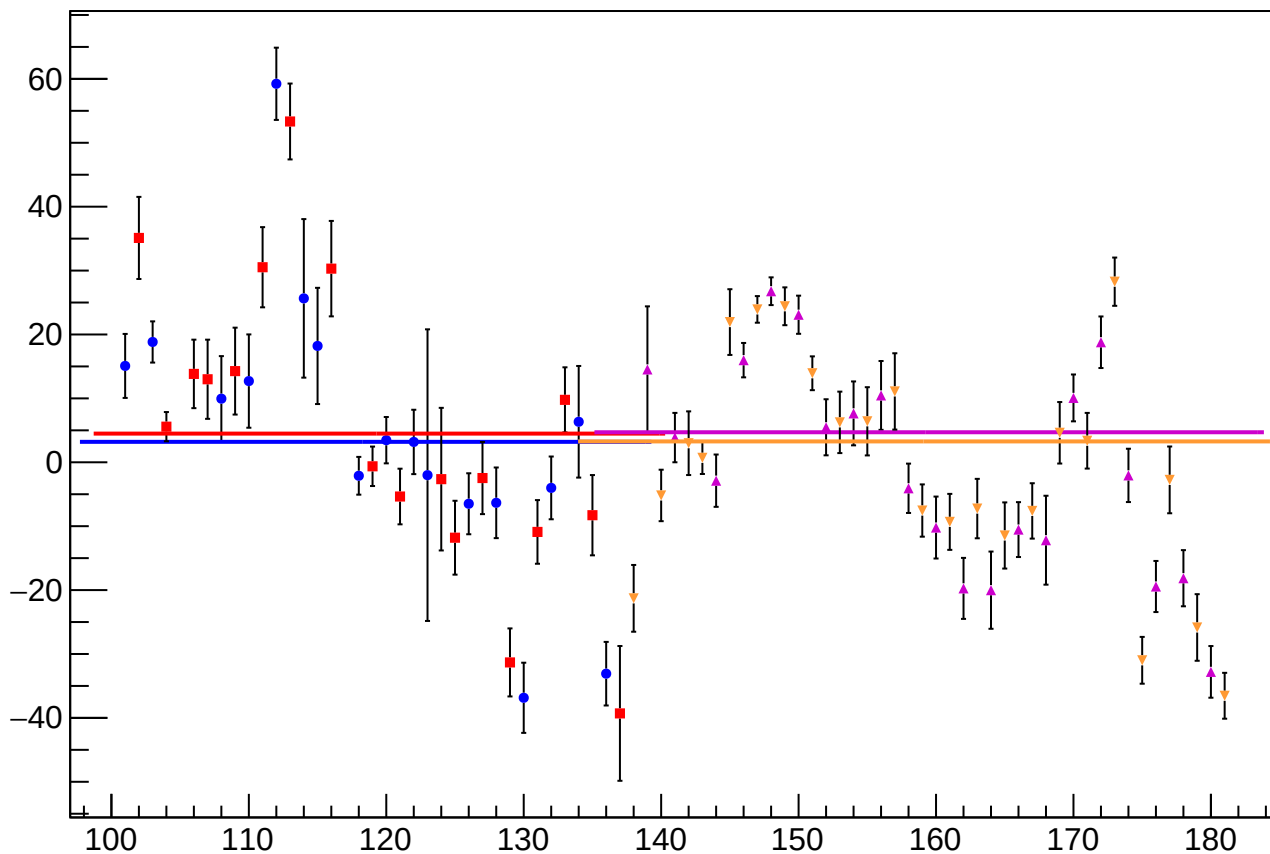
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -233.340 ± 1.161 $\chi^2/\text{NDF}: 2421.8/20$

Out: -218.471 ± 1.087 $\chi^2/\text{NDF}: 3425.8/22$

All: -225.417 ± 0.793 $\chi^2/\text{NDF}: 5935.1/43$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 3.265 ± 0.799 χ^2/NDF : 530.5/22

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 4.699 ± 0.861 χ^2/NDF : 407.4/20

Left: 3.929 ± 0.585 χ^2/NDF : 939.4/43

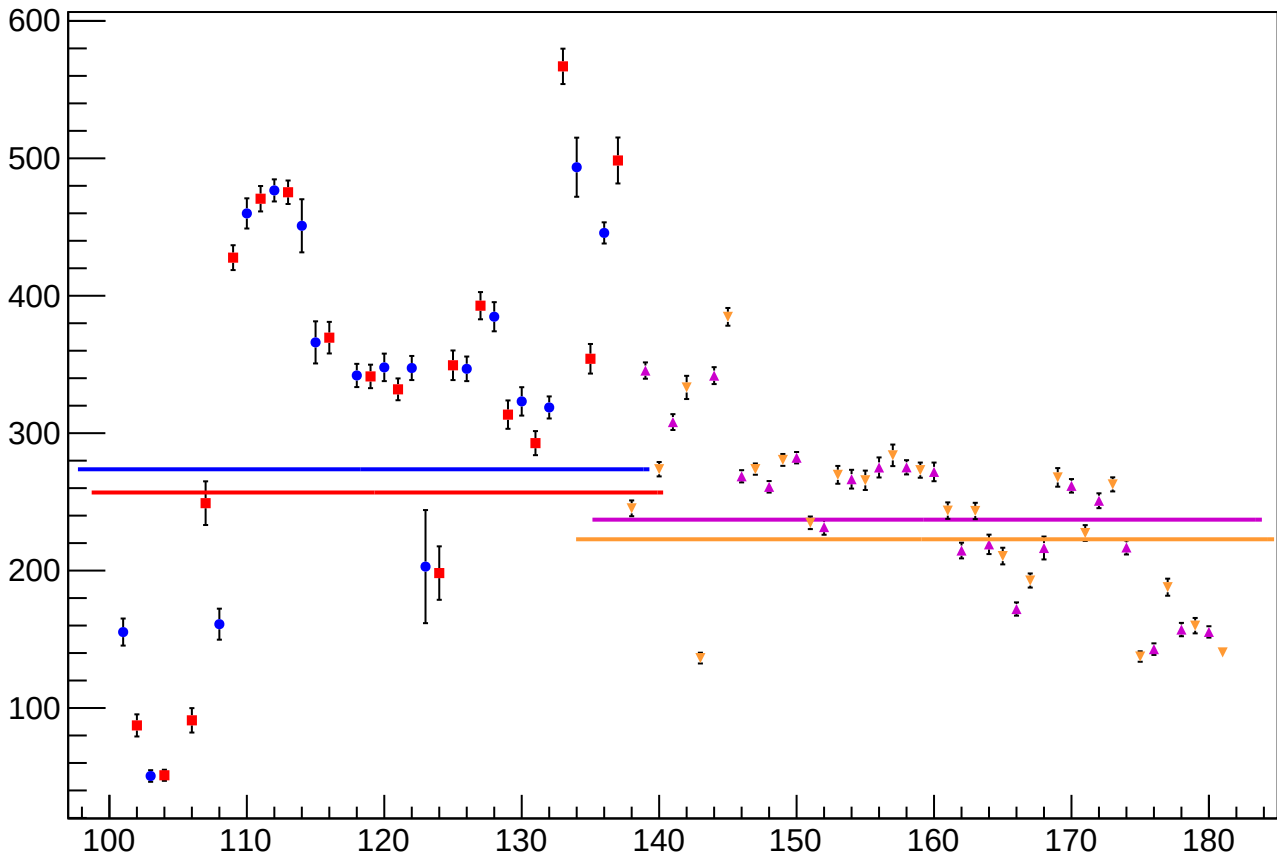
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 4.205 ± 0.705 χ^2/NDF : 663.6/37

Out: 3.660 ± 0.658 χ^2/NDF : 753.0/40

All: 3.914 ± 0.481 χ^2/NDF : 1416.9/78

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: 222.781 $\pm$ 1.085 χ^2 /NDF:3390.3/22

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: 229.526 $\pm$ 0.788 χ^2 /NDF: 5995.0/43

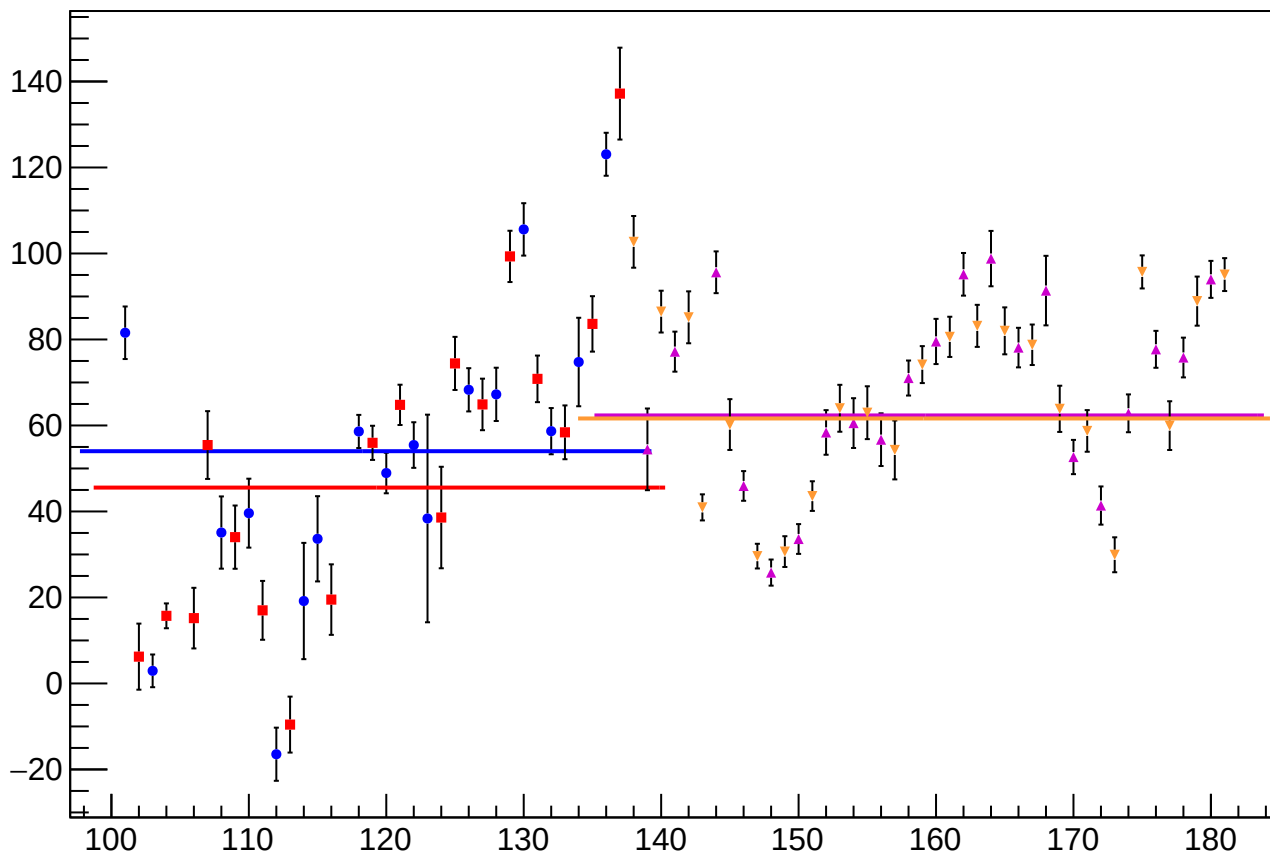
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 244.923 $\pm$ 1.017 χ^2 /NDF:7845.4/37

Out: 230.048 $\pm$ 0.963 χ^2 /NDF:10012.1/40

All: 237.081 $\pm$ 0.699 χ^2 /NDF: 17970.4/78

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: 61.627 $\pm$ 0.930 χ^2 /NDF:673.4/22

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: 61.956 $\pm$ 0.679 χ^2 /NDF: 1188.7/43

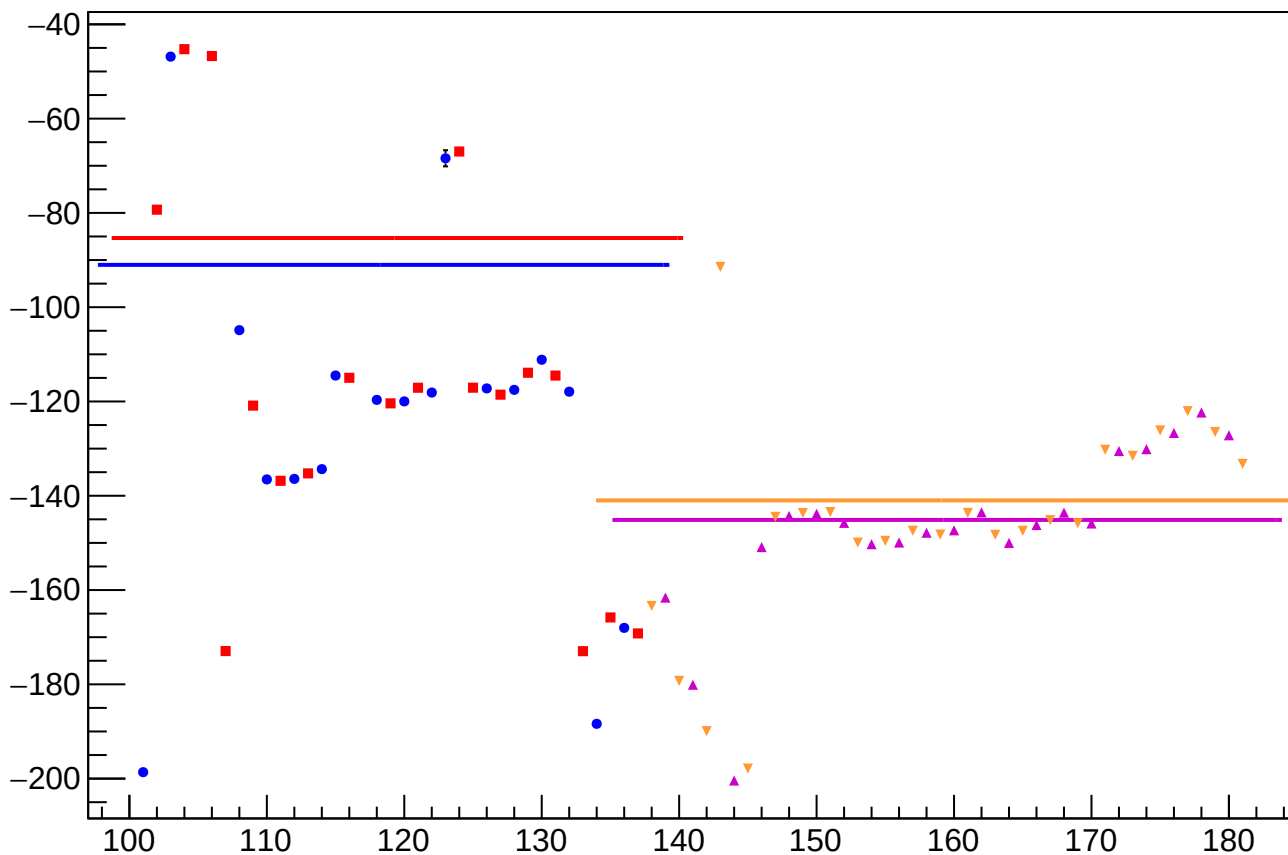
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 59.607 $\pm$ 0.815 χ^2 /NDF:1170.9/37

Out: 56.495 $\pm$ 0.768 χ^2 /NDF:1295.3/40

All: 57.958 $\pm$ 0.559 χ^2 /NDF: 2473.9/78

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: -140.978 ± 0.045 $\chi^2/\text{NDF}: 237265.5/22$

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: -142.975 ± 0.032 $\chi^2/\text{NDF}: 353667.4/43$

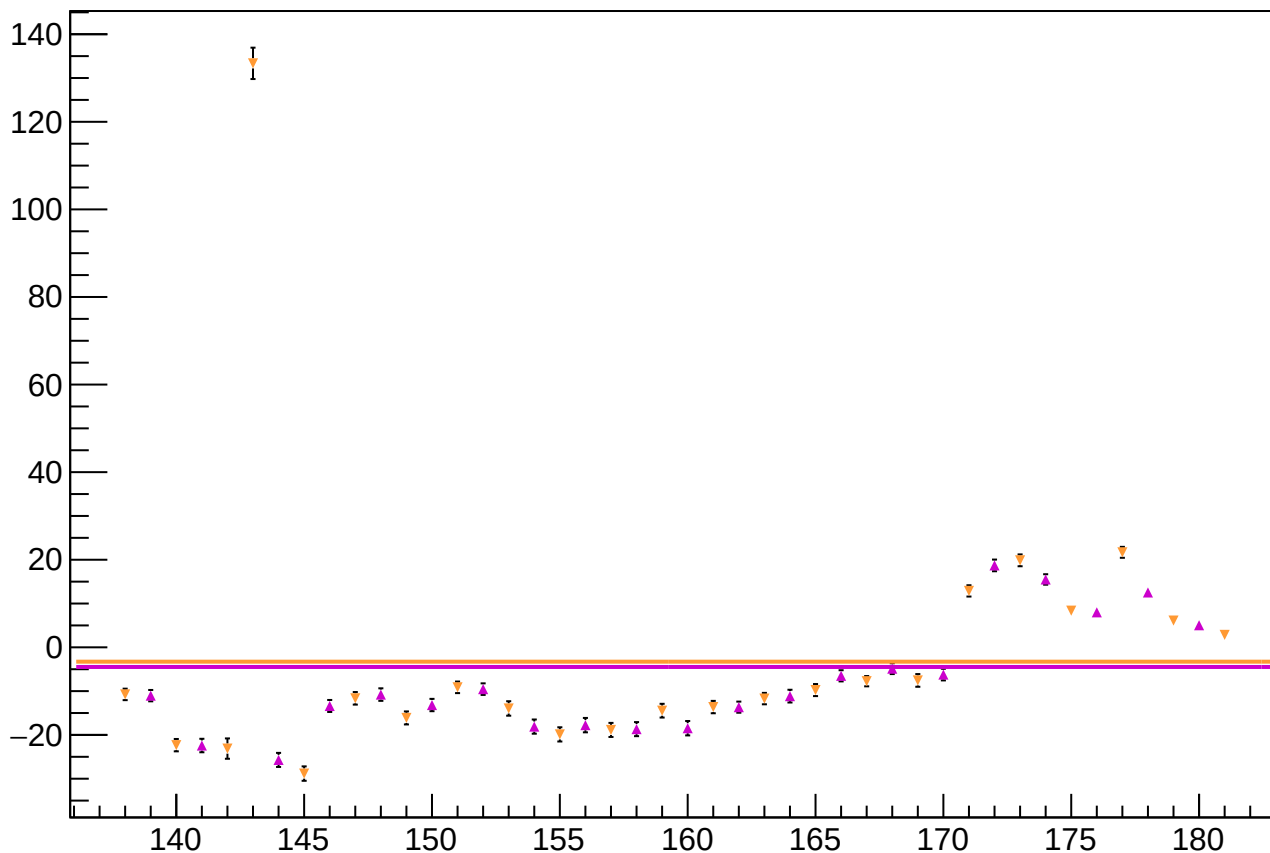
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.694 ± 0.038 $\chi^2/\text{NDF}: 1080974.1/37$

Out: -123.060 ± 0.037 $\chi^2/\text{NDF}: 1214956.3/40$

All: -125.291 ± 0.027 $\chi^2/\text{NDF}: 2303495.4/78$

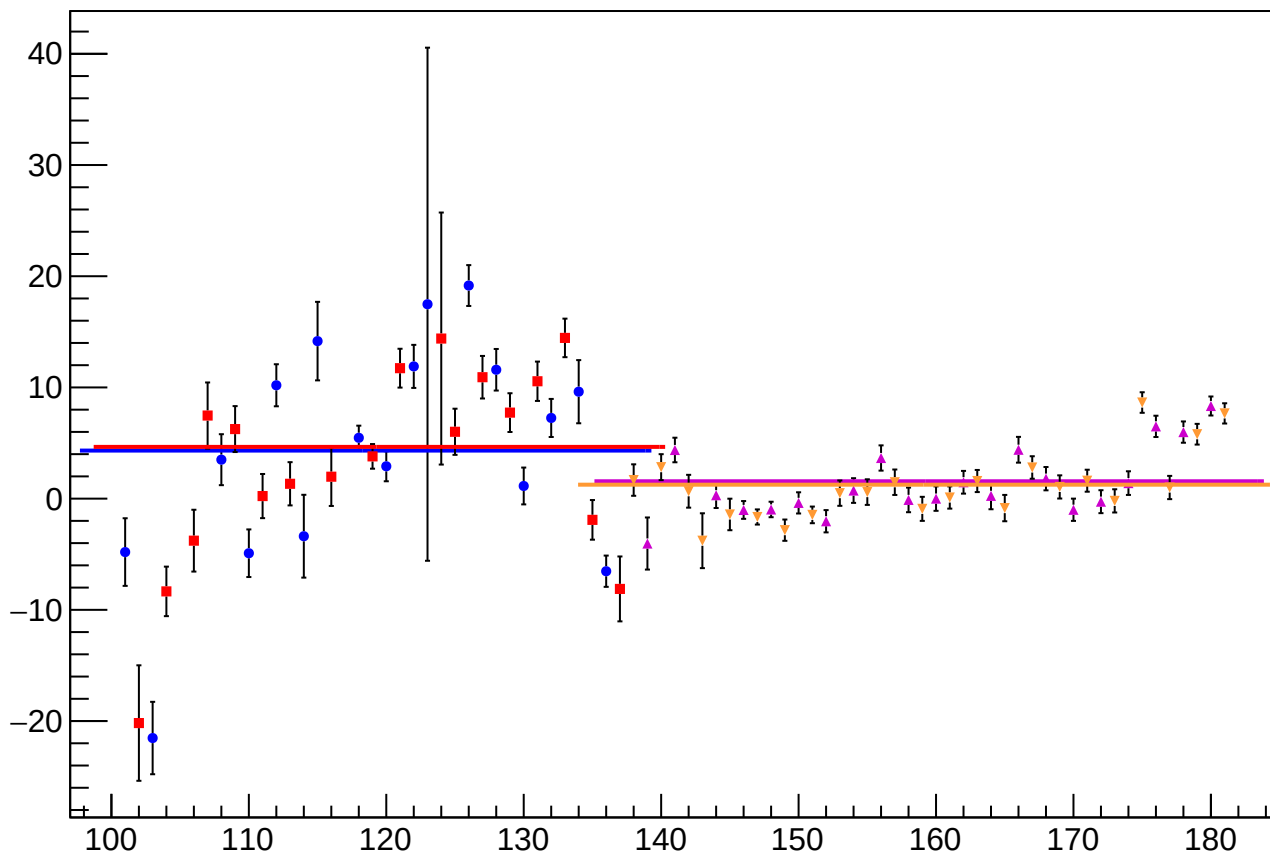
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.276+/-0.278 χ^2/NDF :3680.6/22
 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: -3.868+/-0.199 χ^2/NDF : 5614.7/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.486+/-0.284 χ^2/NDF :1924.9/20
 Out: -3.276+/-0.278 χ^2/NDF :3680.6/22
 All: -3.868+/-0.199 χ^2/NDF : 5614.7/43

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2/NDF : 280.3/16

Left Out: 1.255 $\pm$ 0.216 χ^2/NDF :210.6/22

Right Out: 4.653 $\pm$ 0.474 χ^2/NDF : 184.4/17

Left In: 1.563 $\pm$ 0.221 χ^2/NDF :190.0/20

Left: 1.405 $\pm$ 0.154 χ^2/NDF : 401.6/43

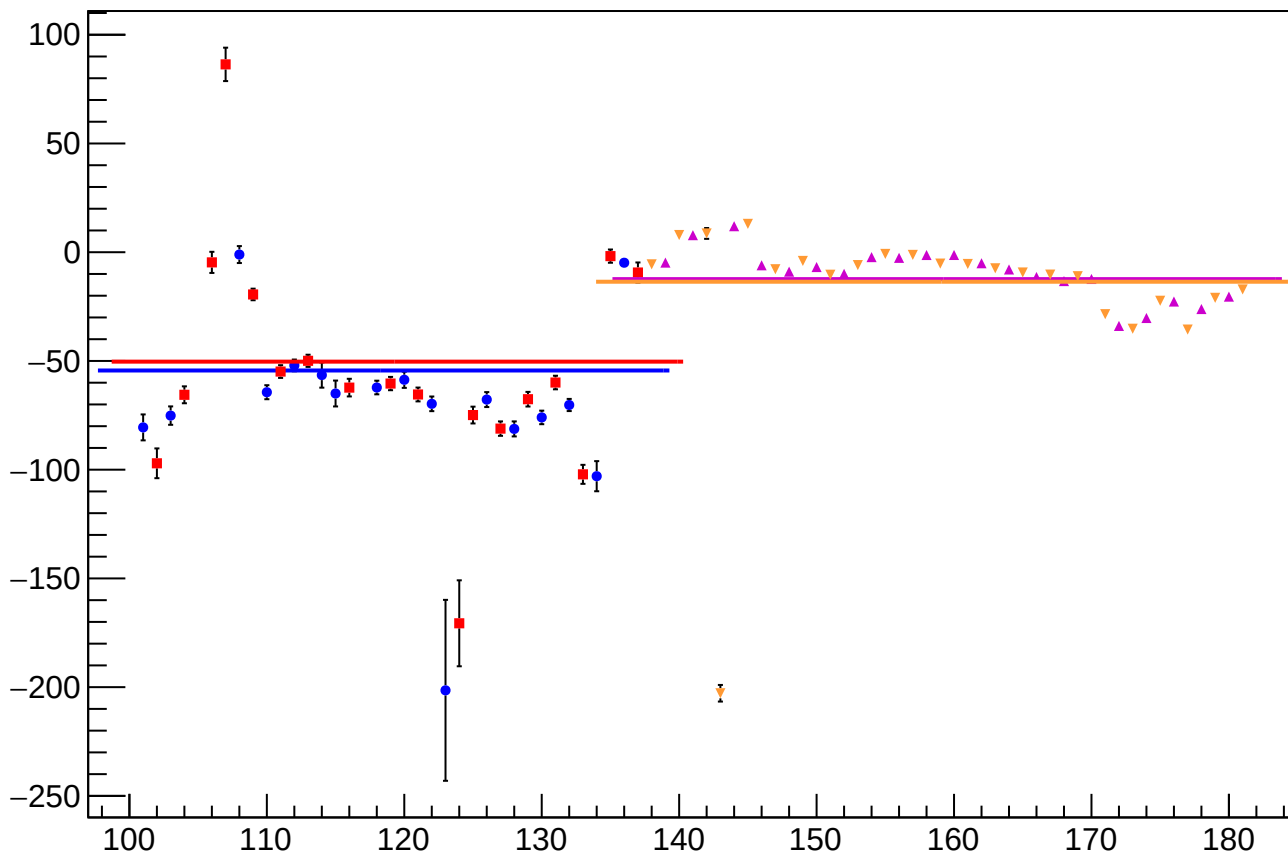
Right: 4.484 $\pm$ 0.332 χ^2/NDF : 465.0/34

In: 2.072 $\pm$ 0.200 χ^2/NDF :499.0/37

Out: 1.837 $\pm$ 0.196 χ^2/NDF :437.6/40

All: 1.952 $\pm$ 0.140 χ^2/NDF : 937.3/78

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: -13.570 ± 0.277 $\chi^2/\text{NDF}: 4196.3/22$

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: -12.981 ± 0.197 $\chi^2/\text{NDF}: 5683.0/43$

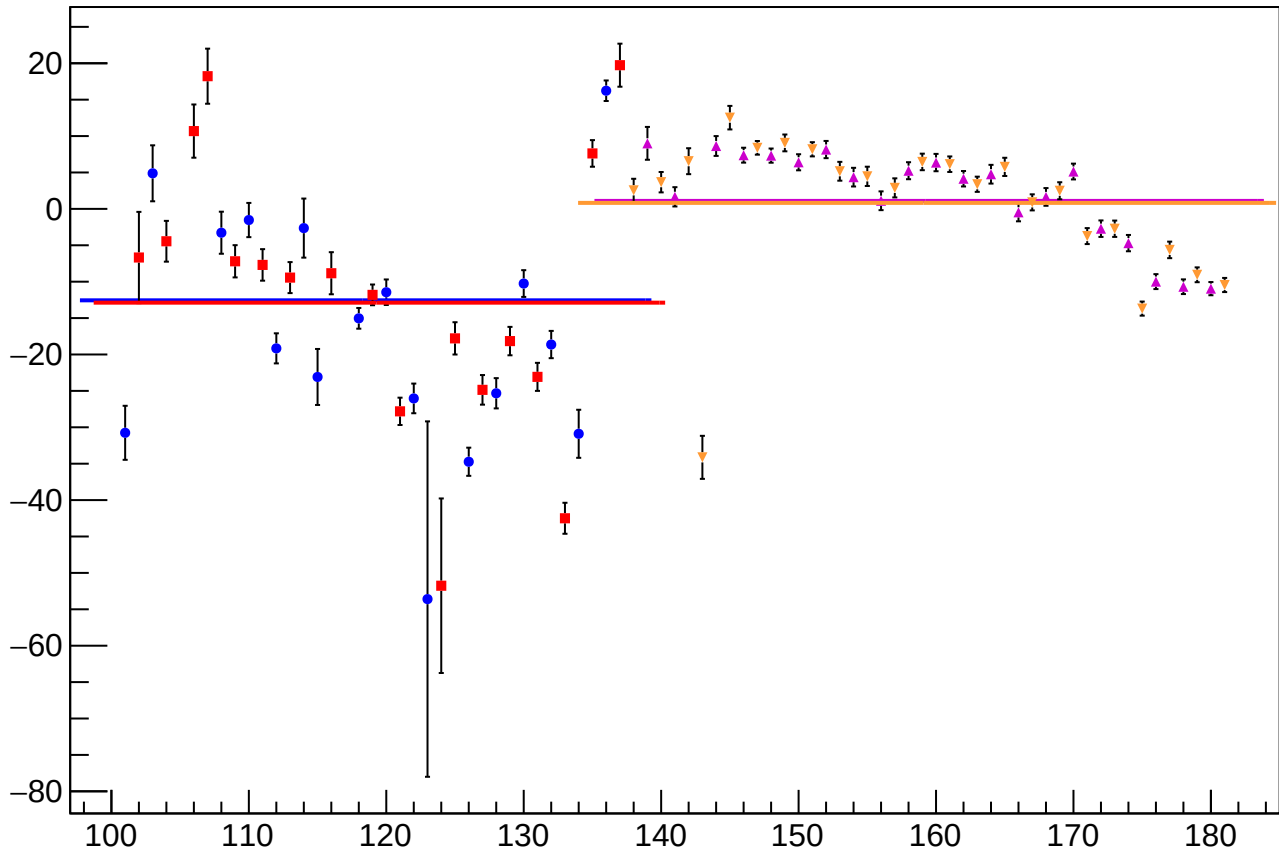
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -16.397 ± 0.268 $\chi^2/\text{NDF}: 4627.3/37$

Out: -17.025 ± 0.263 $\chi^2/\text{NDF}: 7176.1/40$

All: -16.716 ± 0.188 $\chi^2/\text{NDF}: 11806.2/78$

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: 0.824 ± 0.245 χ^2/NDF : 988.8/22

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: 0.955 ± 0.175 χ^2/NDF : 1708.4/43

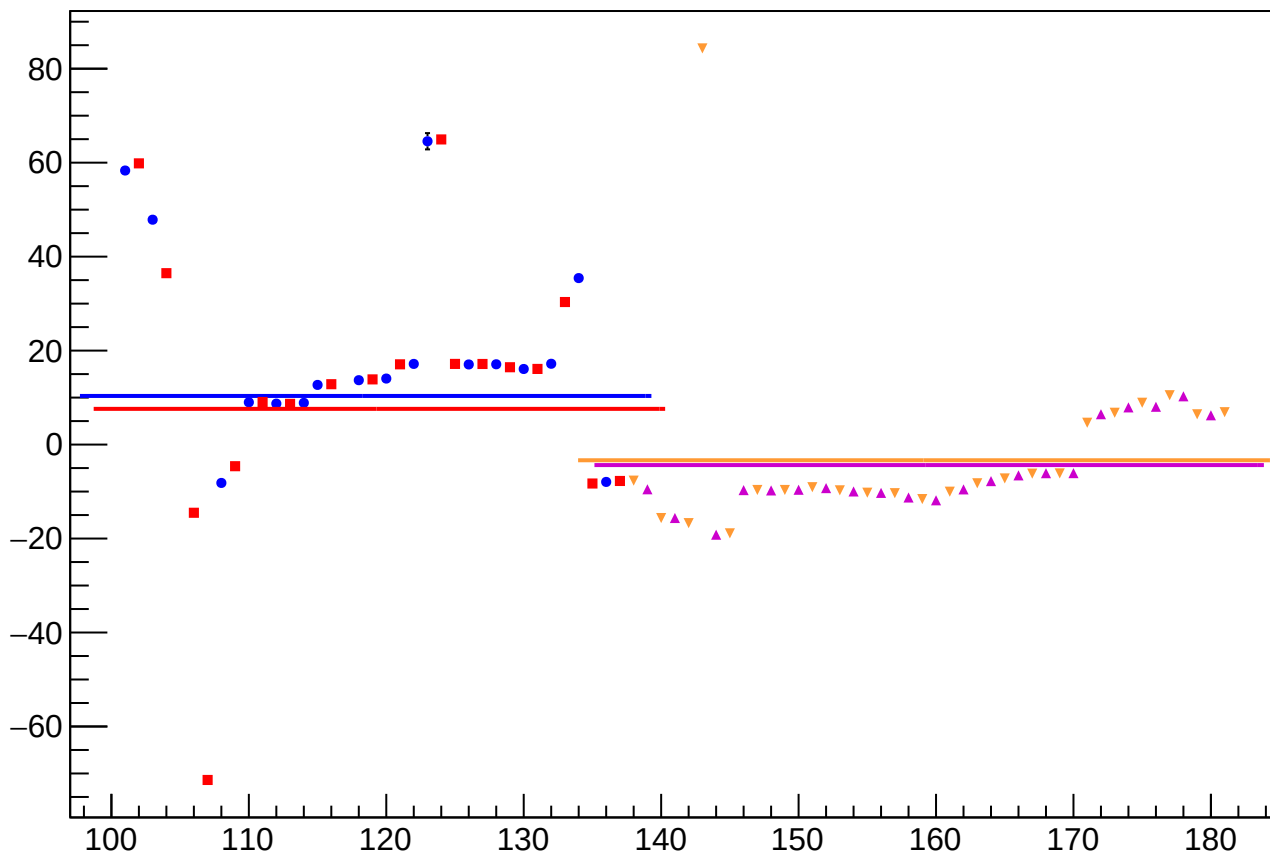
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -1.394 ± 0.227 χ^2/NDF : 2038.4/37

Out: -1.528 ± 0.223 χ^2/NDF : 2252.4/40

All: -1.462 ± 0.159 χ^2/NDF : 4291.0/78

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: -3.340+/-0.011 χ^2/NDF : 903497.4/22

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: -3.849+/-0.008 χ^2/NDF : 1448771.5/43

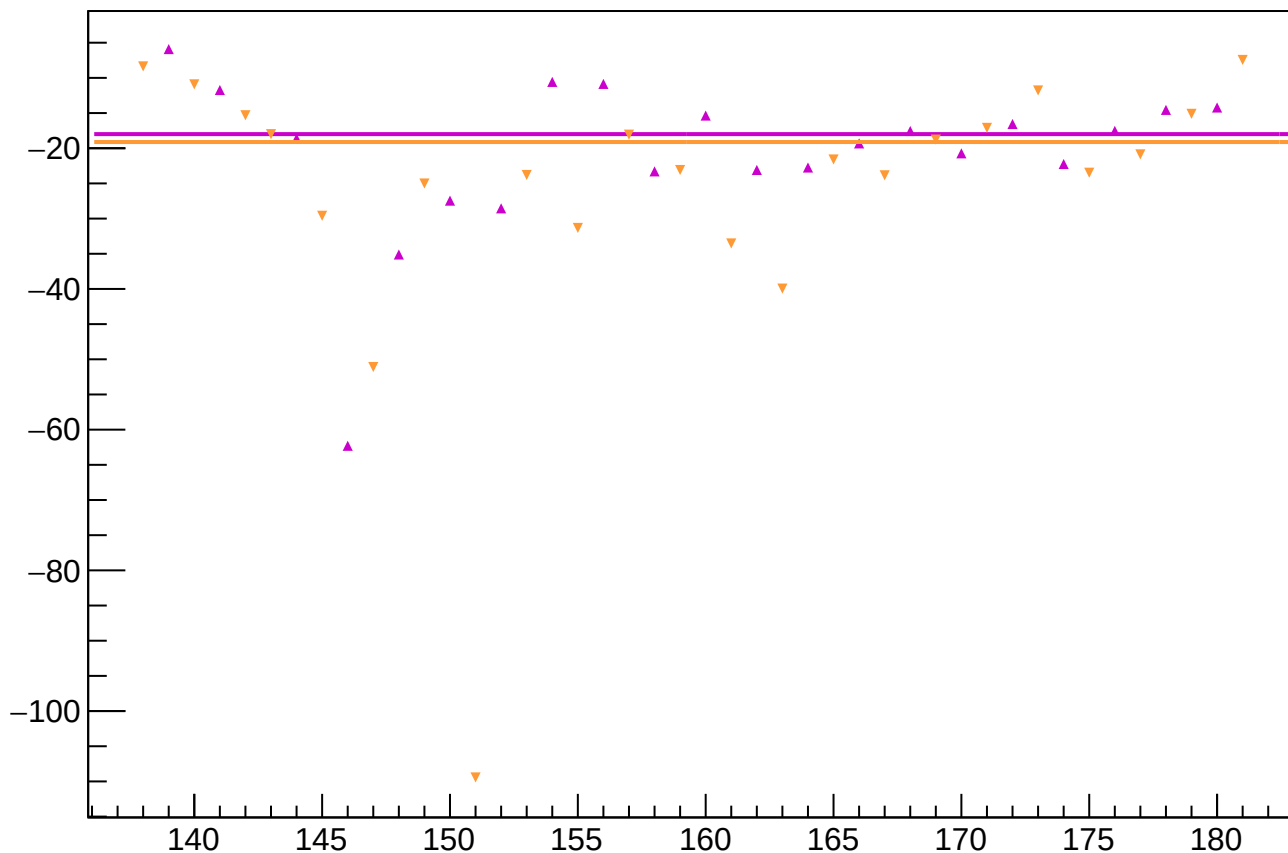
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -2.584+/-0.011 χ^2/NDF : 1125557.6/37

Out: -2.081+/-0.011 χ^2/NDF : 1550151.9/40

All: -2.332+/-0.008 χ^2/NDF : 2676829.1/78

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: -19.118+/-0.042 χ^2/NDF : 83595.0/22

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: -18.547+/-0.029 χ^2/NDF : 124249.9/43

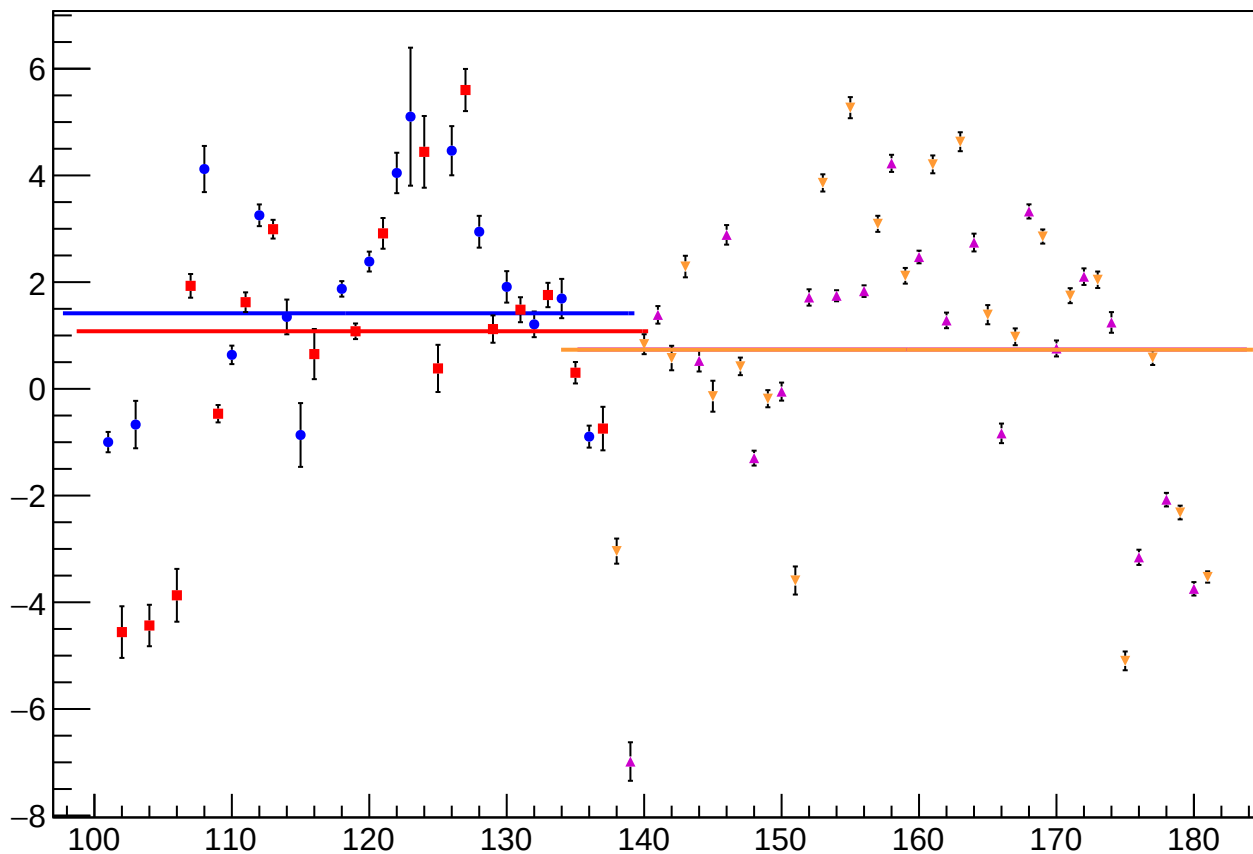
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.992+/-0.041 χ^2/NDF : 40284.7/20

Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

All: -18.547+/-0.029 χ^2/NDF : 124249.9/43

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 0.733 $\pm$ 0.034 χ^2 /NDF: 6451.8/22

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 0.738 $\pm$ 0.032 χ^2 /NDF: 4962.5/20

Left: 0.736 $\pm$ 0.023 χ^2 /NDF: 11414.3/43

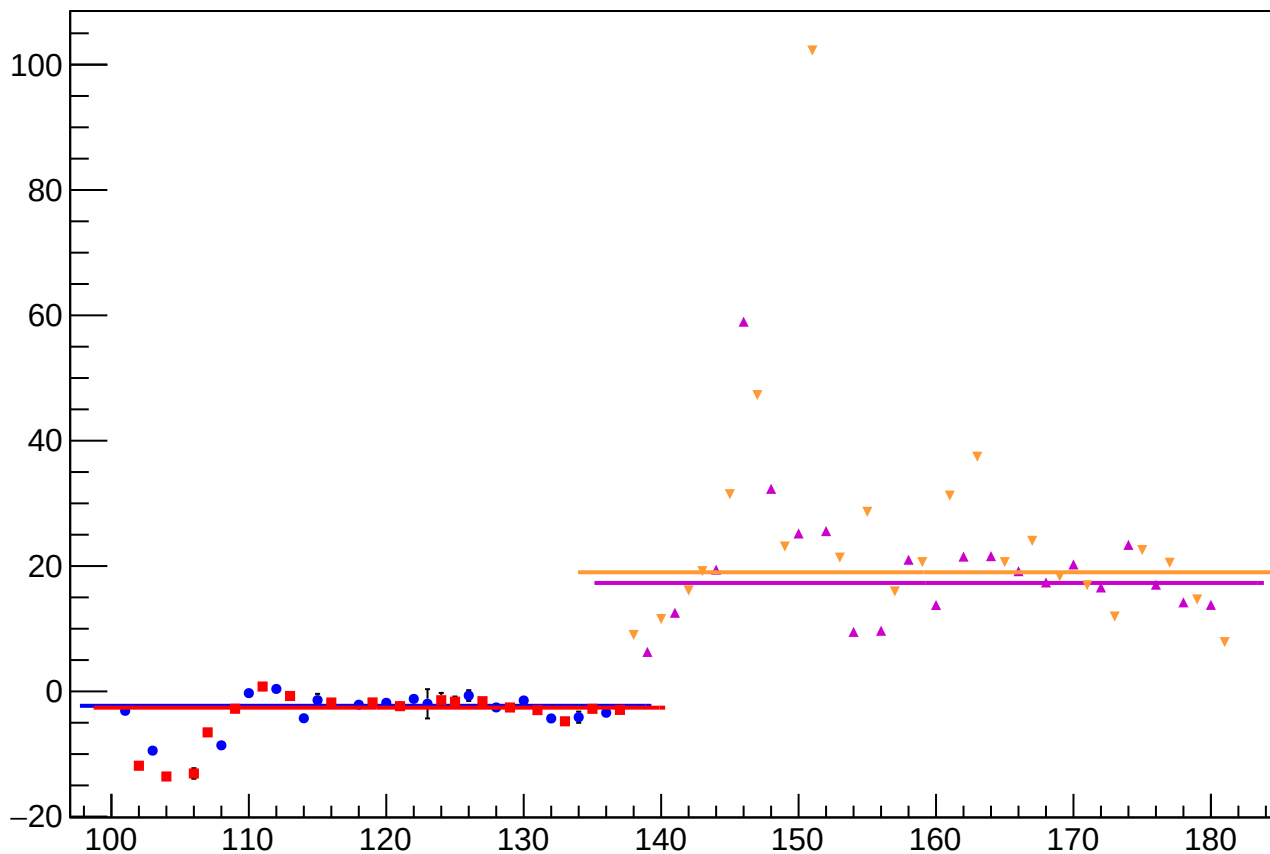
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 0.884 $\pm$ 0.028 χ^2 /NDF: 5690.1/37

Out: 0.821 $\pm$ 0.029 χ^2 /NDF: 7394.3/40

All: 0.854 $\pm$ 0.020 χ^2 /NDF: 13086.8/78

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 19.009 ± 0.042 $\chi^2/\text{NDF}: 73698.4/22$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.304 ± 0.040 $\chi^2/\text{NDF}: 38021.4/20$

Left: 18.130 ± 0.029 $\chi^2/\text{NDF}: 112585.2/43$

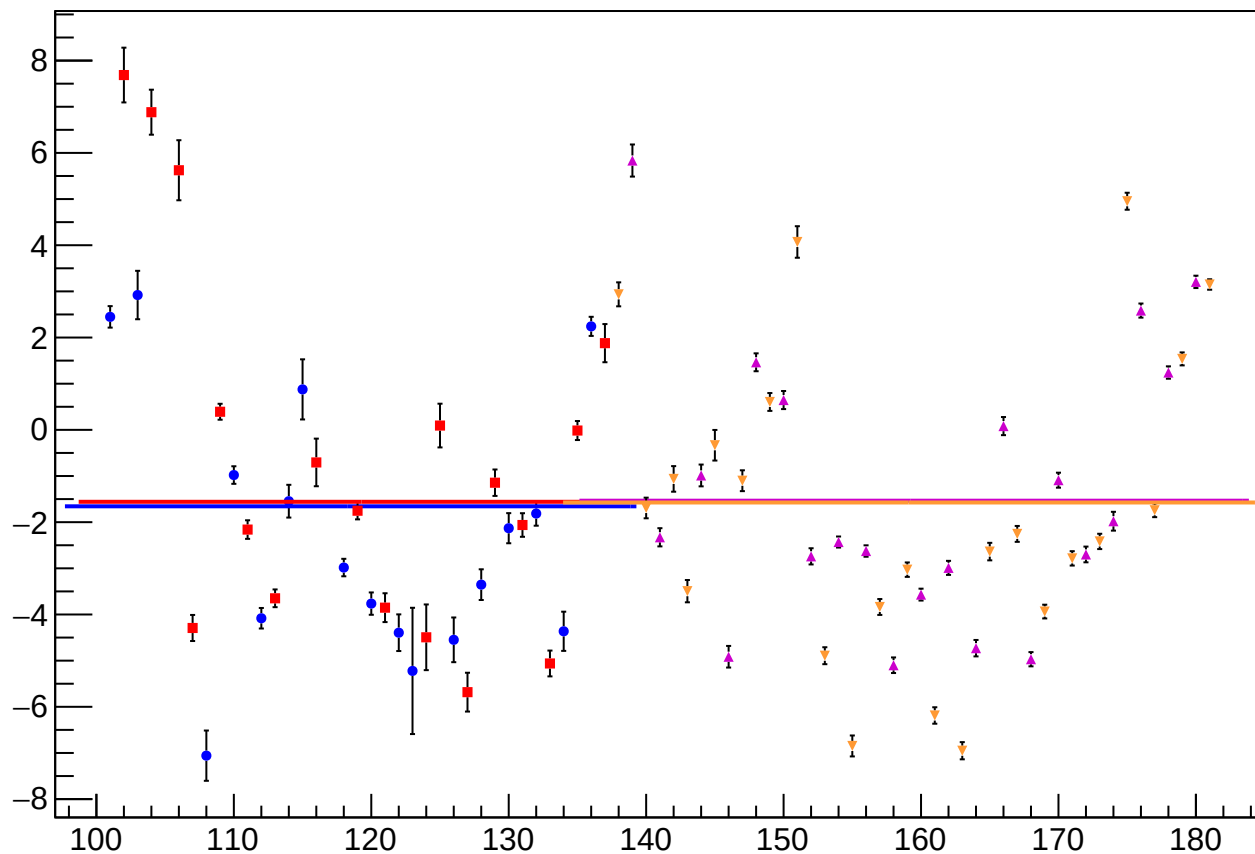
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 15.009 ± 0.038 $\chi^2/\text{NDF}: 66079.7/37$

Out: 15.780 ± 0.038 $\chi^2/\text{NDF}: 114865.8/40$

All: 15.390 ± 0.027 $\chi^2/\text{NDF}: 181149.5/78$

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: -1.574 ± 0.038 χ^2/NDF : 7294.3/22

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: -1.553 ± 0.026 χ^2/NDF : 12660.0/43

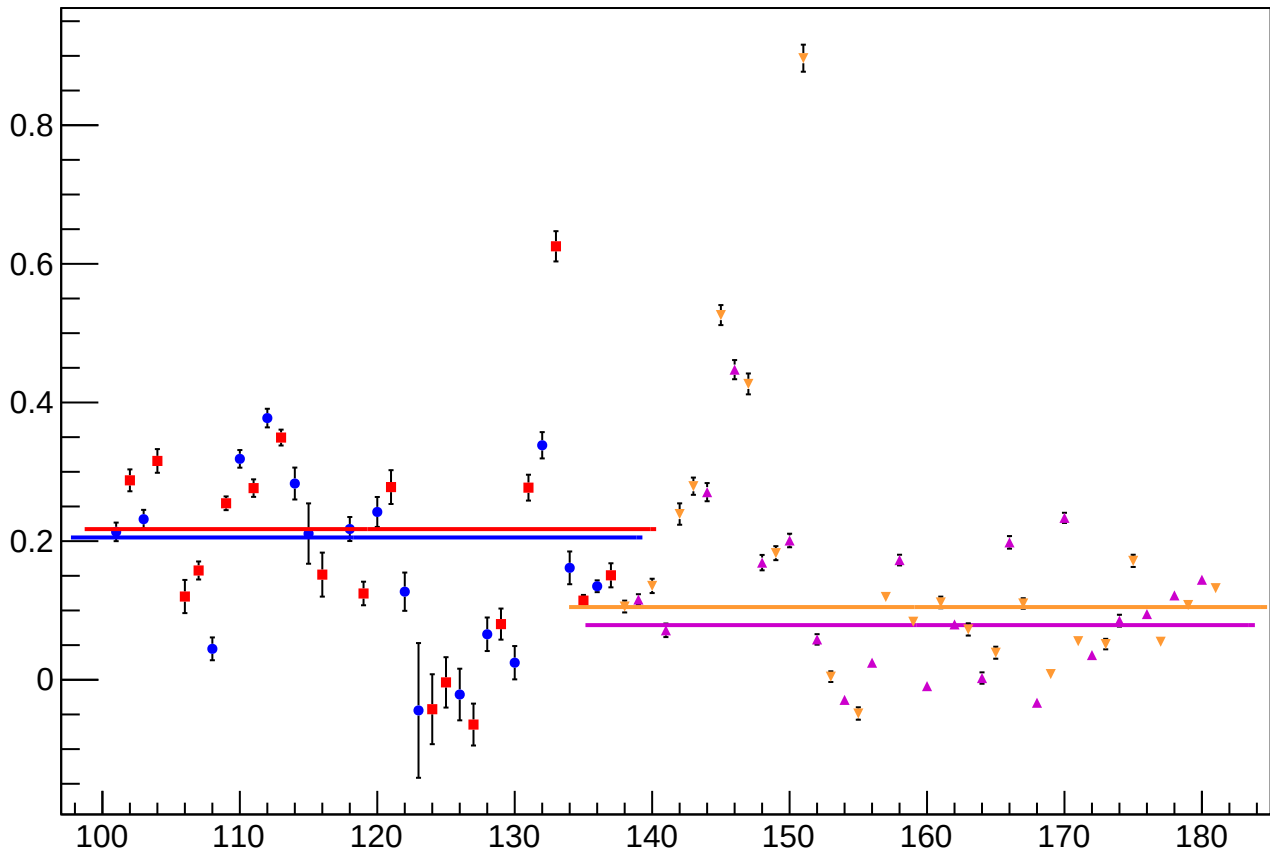
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.560 ± 0.032 χ^2/NDF : 6638.6/37

Out: -1.570 ± 0.033 χ^2/NDF : 8779.1/40

All: -1.565 ± 0.023 χ^2/NDF : 15417.7/78

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2/NDF : 620.5/16

Left Out: 0.105 $\pm$ 0.002 χ^2/NDF : 4296.4/22

Right Out: 0.217 $\pm$ 0.004 χ^2/NDF : 1019.4/17

Left In: 0.079 $\pm$ 0.002 χ^2/NDF : 3397.2/20

Left: 0.091 $\pm$ 0.001 χ^2/NDF : 7820.5/43

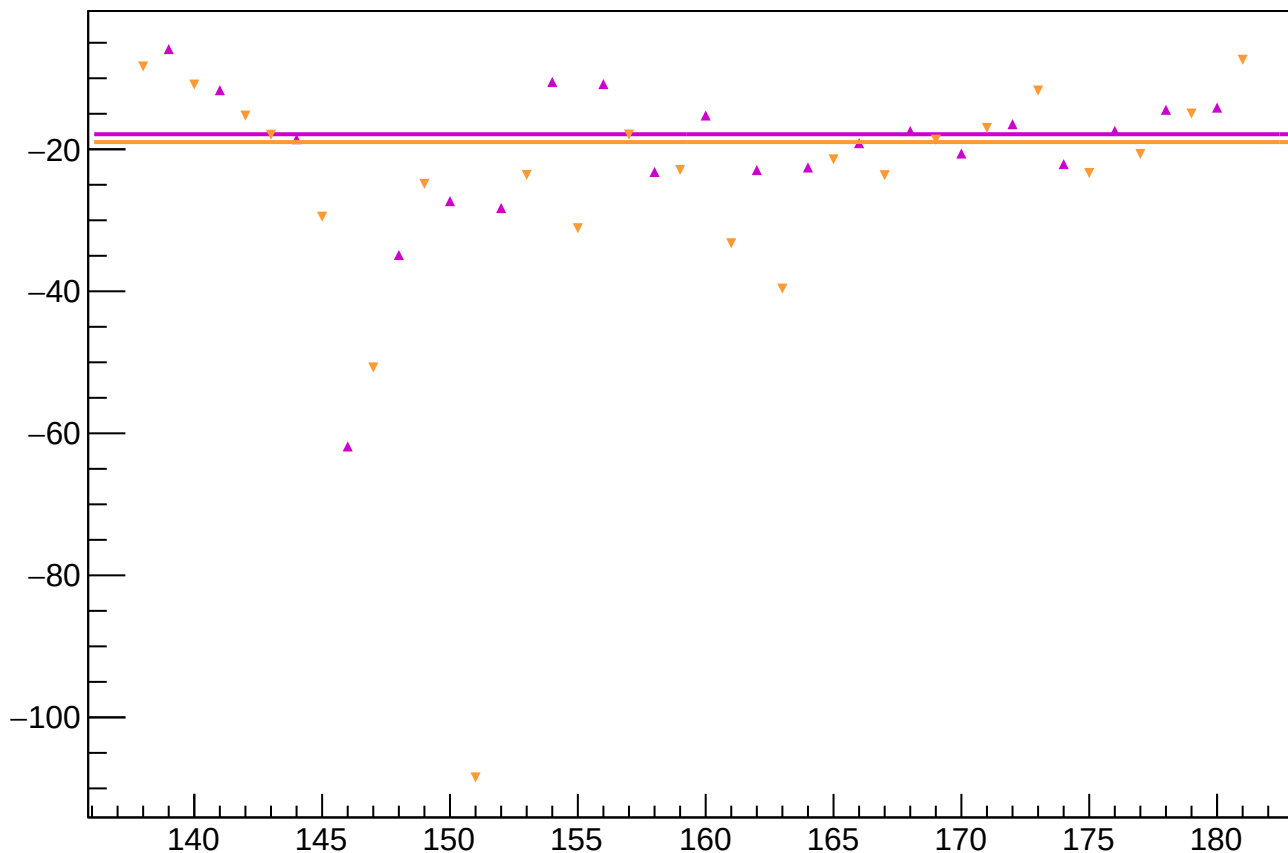
Right: 0.212 $\pm$ 0.003 χ^2/NDF : 1644.6/34

In: 0.095 $\pm$ 0.001 χ^2/NDF : 4833.4/37

Out: 0.124 $\pm$ 0.002 χ^2/NDF : 6075.5/40

All: 0.109 $\pm$ 0.001 χ^2/NDF : 11101.7/78

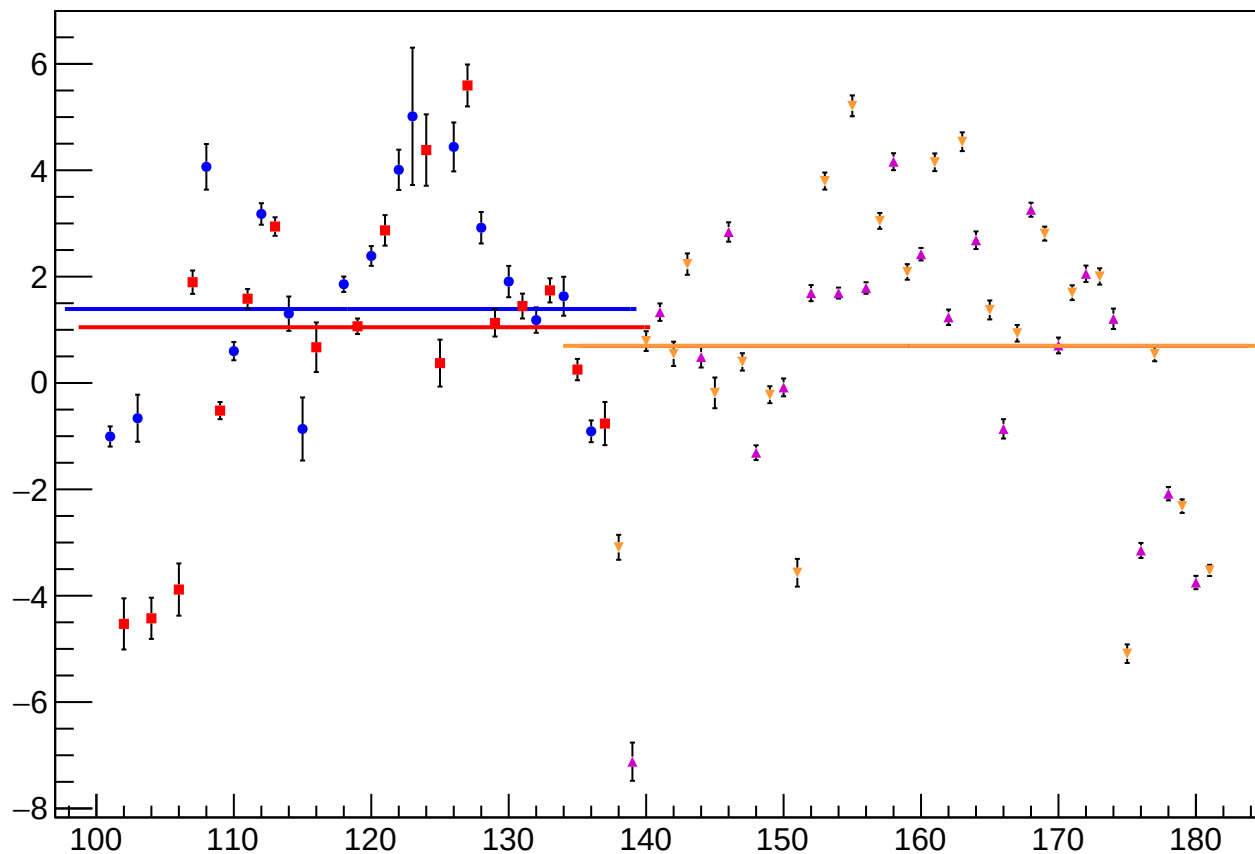
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 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: -18.427+/-0.029 χ^2/NDF : 124014.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.882+/-0.041 χ^2/NDF : 40205.6/20
 Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 All: -18.427+/-0.029 χ^2/NDF : 124014.4/43

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2 /NDF: 629.2/16

Left Out: 0.699 $\pm$ 0.034 χ^2 /NDF:6440.5/22

Right Out: 1.049 $\pm$ 0.058 χ^2 /NDF: 919.8/17

Left In: 0.697 $\pm$ 0.032 χ^2 /NDF:4955.7/20

Left: 0.698 $\pm$ 0.023 χ^2 /NDF: 11396.2/43

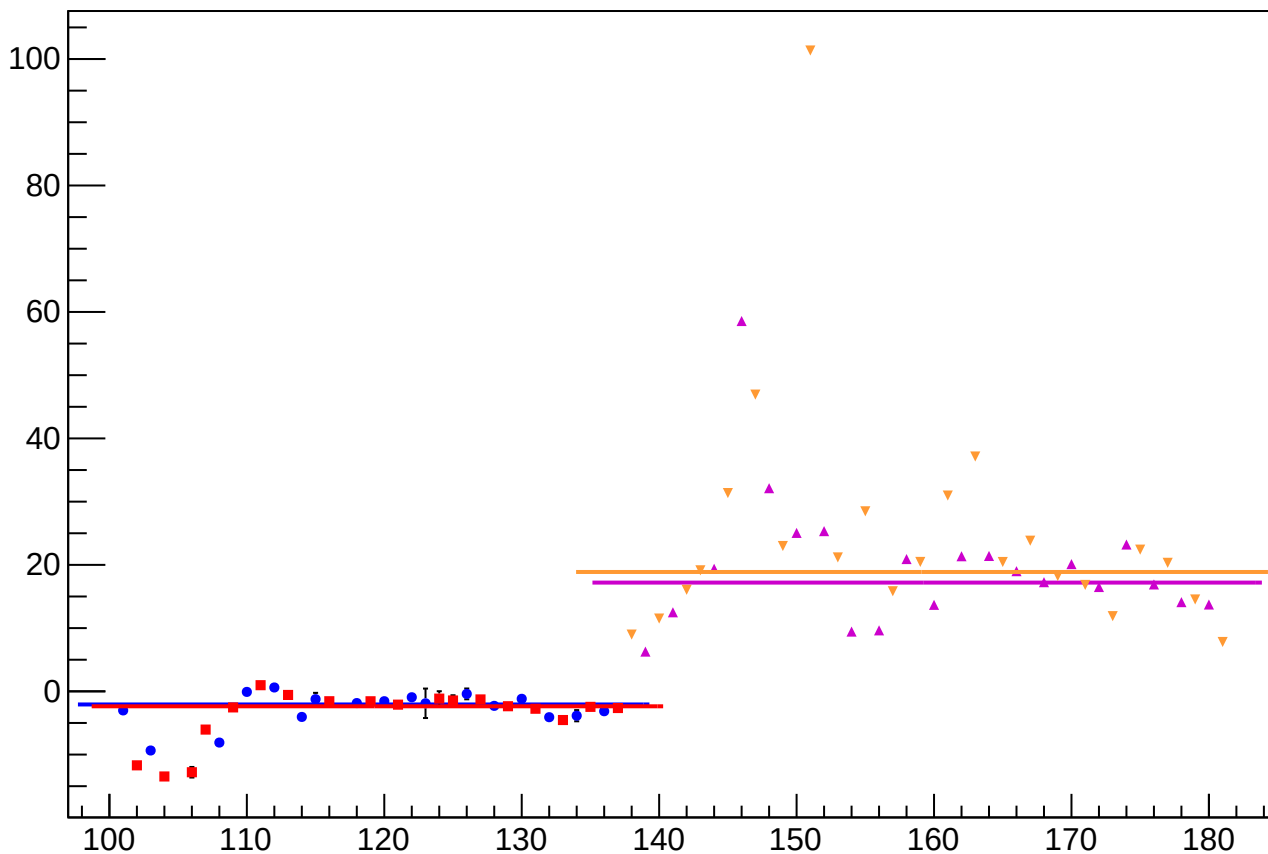
Right: 1.211 $\pm$ 0.042 χ^2 /NDF: 1565.5/34

In: 0.846 $\pm$ 0.028 χ^2 /NDF:5686.8/37

Out: 0.787 $\pm$ 0.029 χ^2 /NDF:7387.7/40

All: 0.818 $\pm$ 0.020 χ^2 /NDF: 13076.6/78

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: 18.878+/-0.041 χ^2/NDF : 73582.5/22

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: 18.013+/-0.029 χ^2/NDF : 112383.5/43

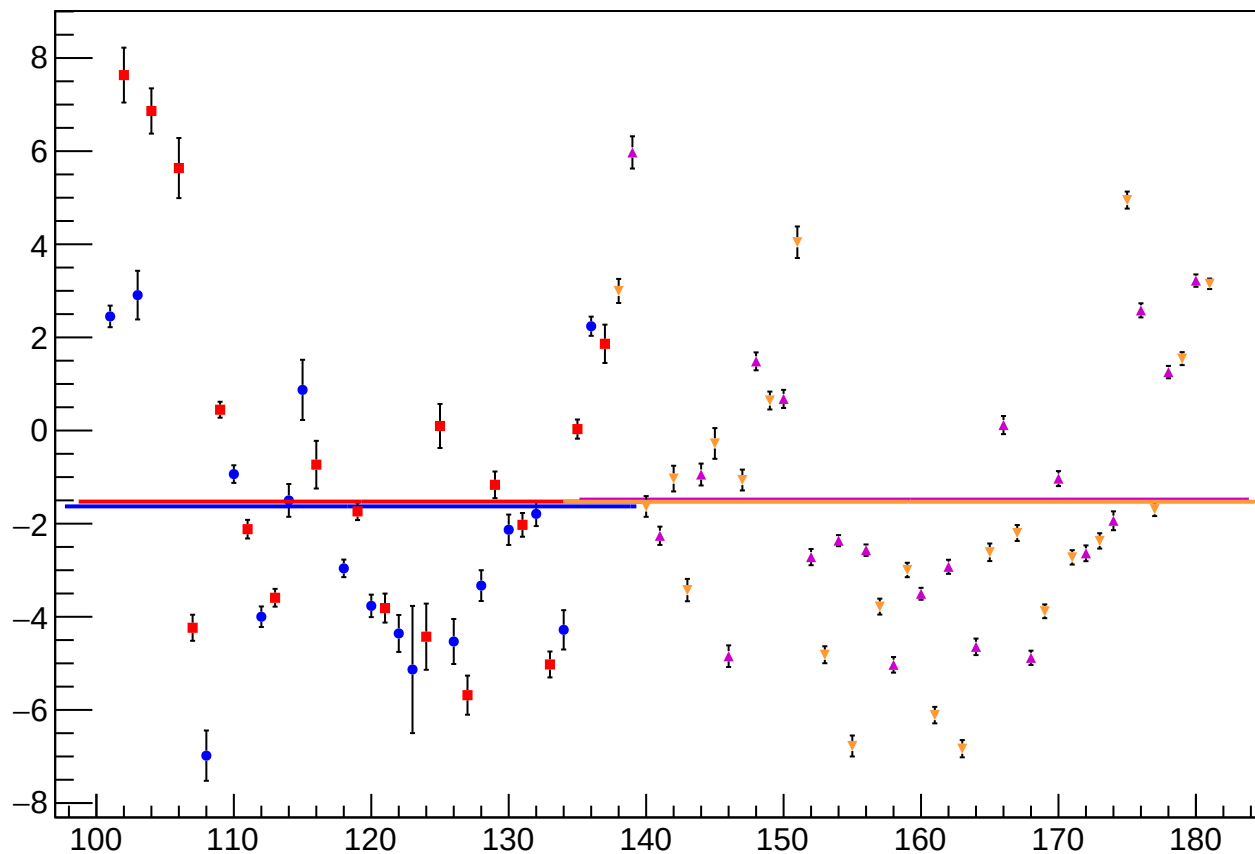
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 14.949+/-0.038 χ^2/NDF : 65369.3/37

Out: 15.711+/-0.038 χ^2/NDF : 113864.0/40

All: 15.326+/-0.027 χ^2/NDF : 179435.8/78

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: -1.529 ± 0.038 χ^2/NDF : 7279.5/22

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: -1.505 ± 0.026 χ^2/NDF : 12637.6/43

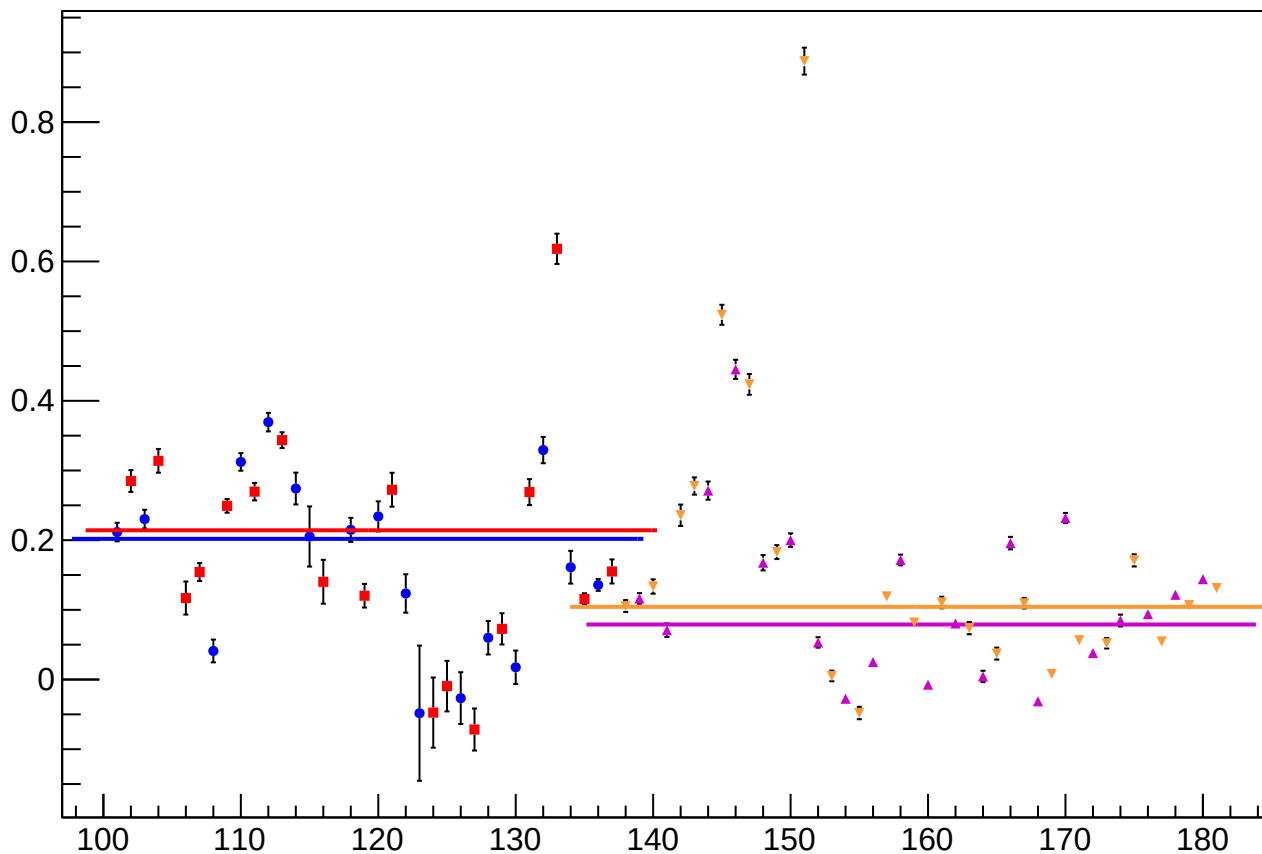
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.513 ± 0.032 χ^2/NDF : 6627.1/37

Out: -1.529 ± 0.033 χ^2/NDF : 8767.7/40

All: -1.521 ± 0.023 χ^2/NDF : 15394.9/78

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2/NDF : 604.6/16

Left Out: 0.104 $\pm$ 0.002 χ^2/NDF : 4288.3/22

Right Out: 0.214 $\pm$ 0.004 χ^2/NDF : 1001.6/17

Left In: 0.079 $\pm$ 0.002 χ^2/NDF : 3369.8/20

Left: 0.091 $\pm$ 0.001 χ^2/NDF : 7779.7/43

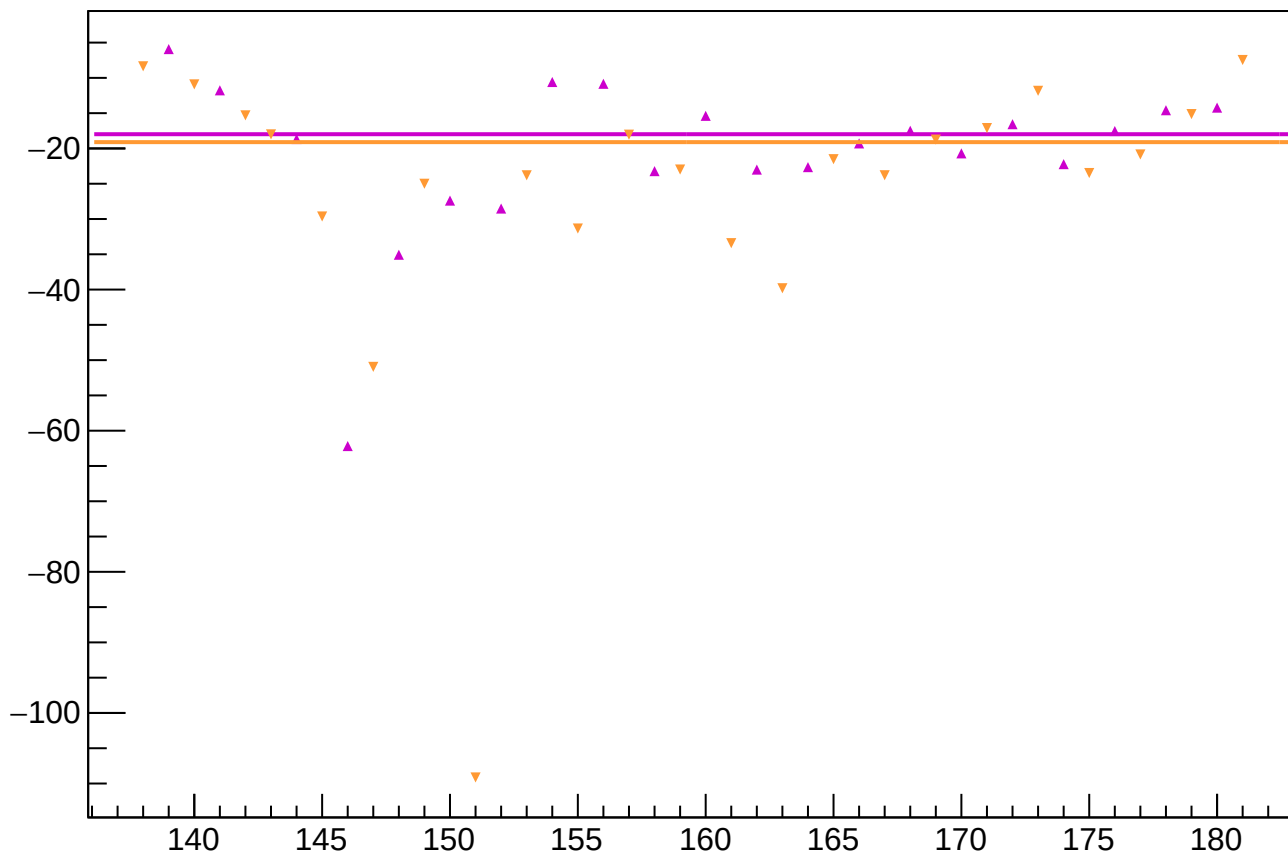
Right: 0.209 $\pm$ 0.003 χ^2/NDF : 1611.2/34

In: 0.094 $\pm$ 0.001 χ^2/NDF : 4753.5/37

Out: 0.123 $\pm$ 0.002 χ^2/NDF : 6023.0/40

All: 0.108 $\pm$ 0.001 χ^2/NDF : 10962.2/78

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: -19.106+/-0.042 χ^2/NDF :83542.9/22

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: -18.536+/-0.029 χ^2/NDF : 124152.6/43

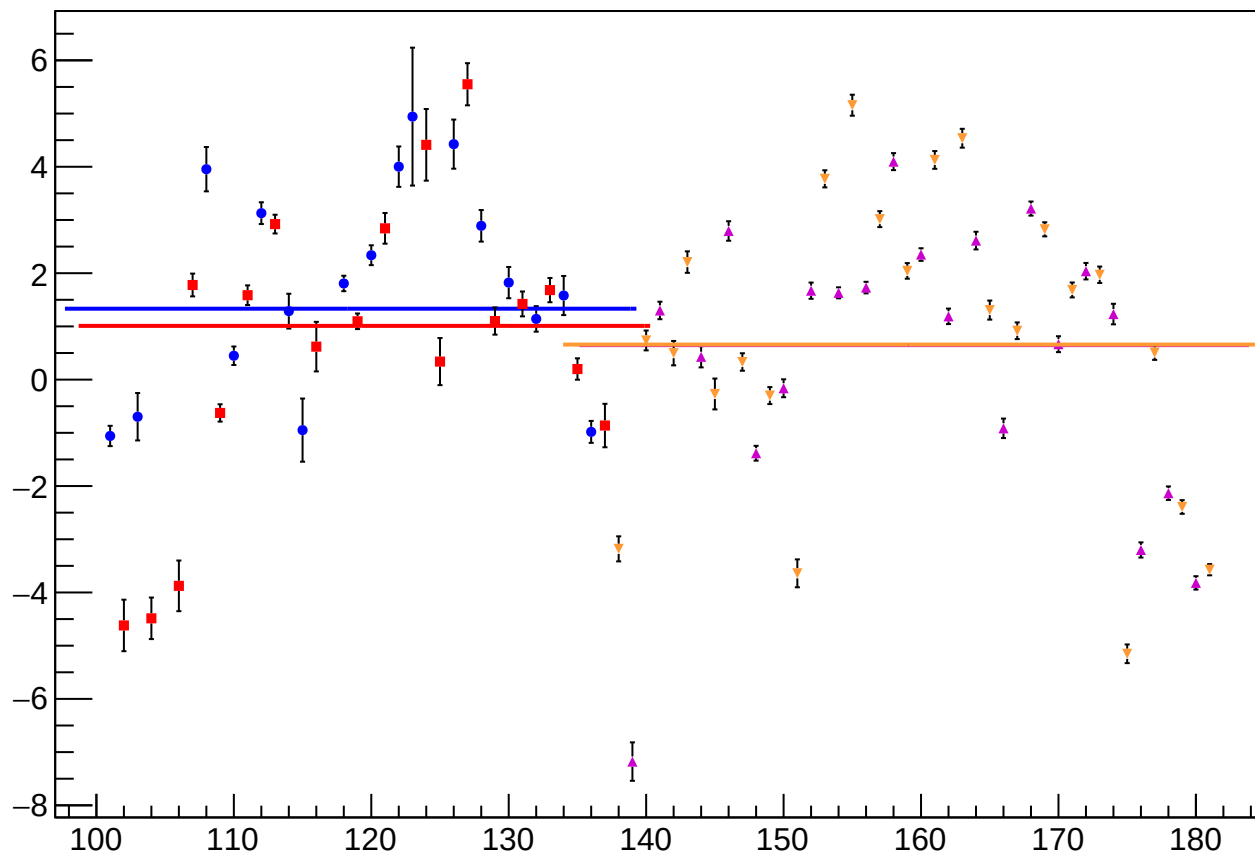
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.982+/-0.041 χ^2/NDF :40239.0/20

Out: -19.106+/-0.042 χ^2/NDF :83542.9/22

All: -18.536+/-0.029 χ^2/NDF : 124152.6/43

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 0.658 $\pm$ 0.034 χ^2 /NDF: 6460.9/22

Right Out: 1.010 $\pm$ 0.058 χ^2 /NDF: 930.3/17

Left In: 0.648 $\pm$ 0.032 χ^2 /NDF: 4933.6/20

Left: 0.653 $\pm$ 0.023 χ^2 /NDF: 11394.5/43

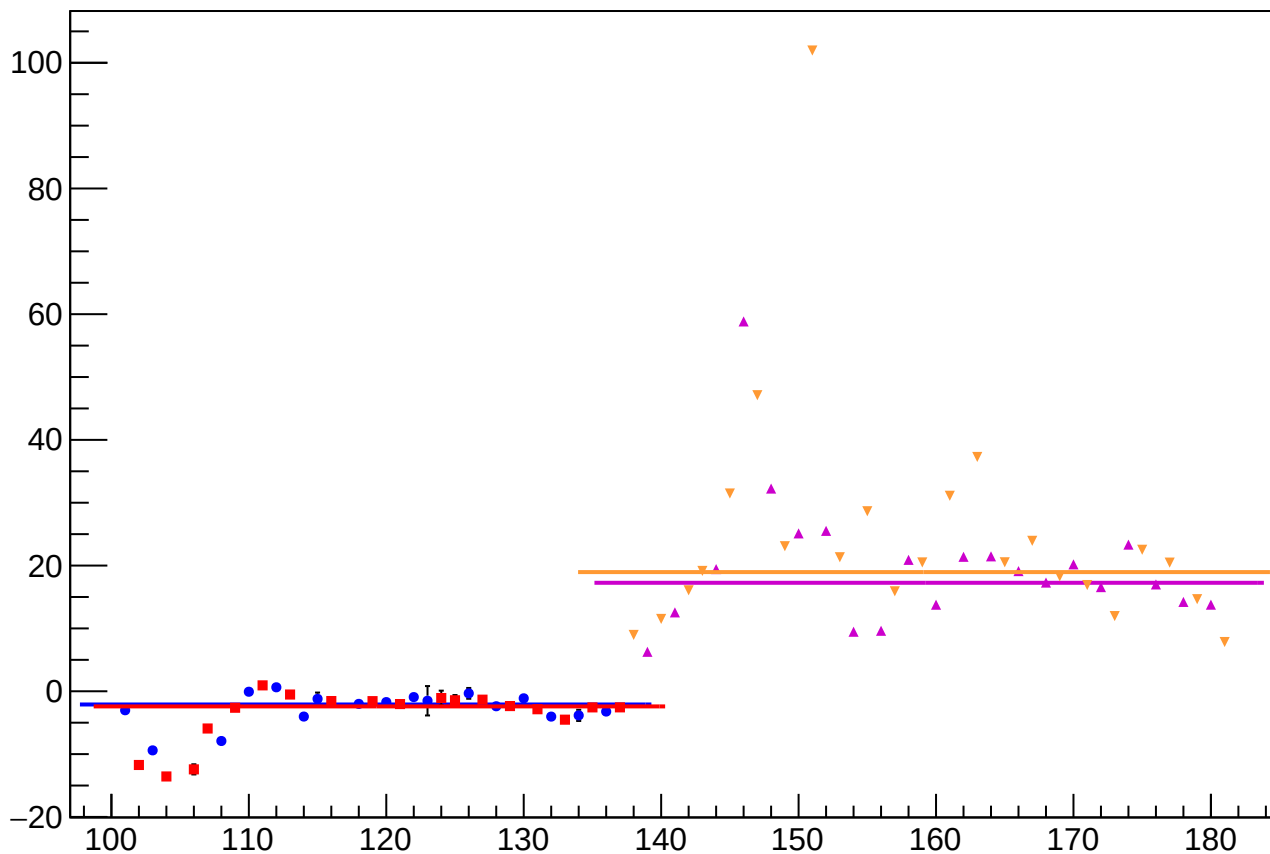
Right: 1.163 $\pm$ 0.042 χ^2 /NDF: 1579.5/34

In: 0.795 $\pm$ 0.028 χ^2 /NDF: 5666.5/37

Out: 0.748 $\pm$ 0.029 χ^2 /NDF: 7418.5/40

All: 0.772 $\pm$ 0.020 χ^2 /NDF: 13086.3/78

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: 18.962 ± 0.042 χ^2/NDF : 73665.5/22

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: 18.085 ± 0.029 χ^2/NDF : 112533.6/43

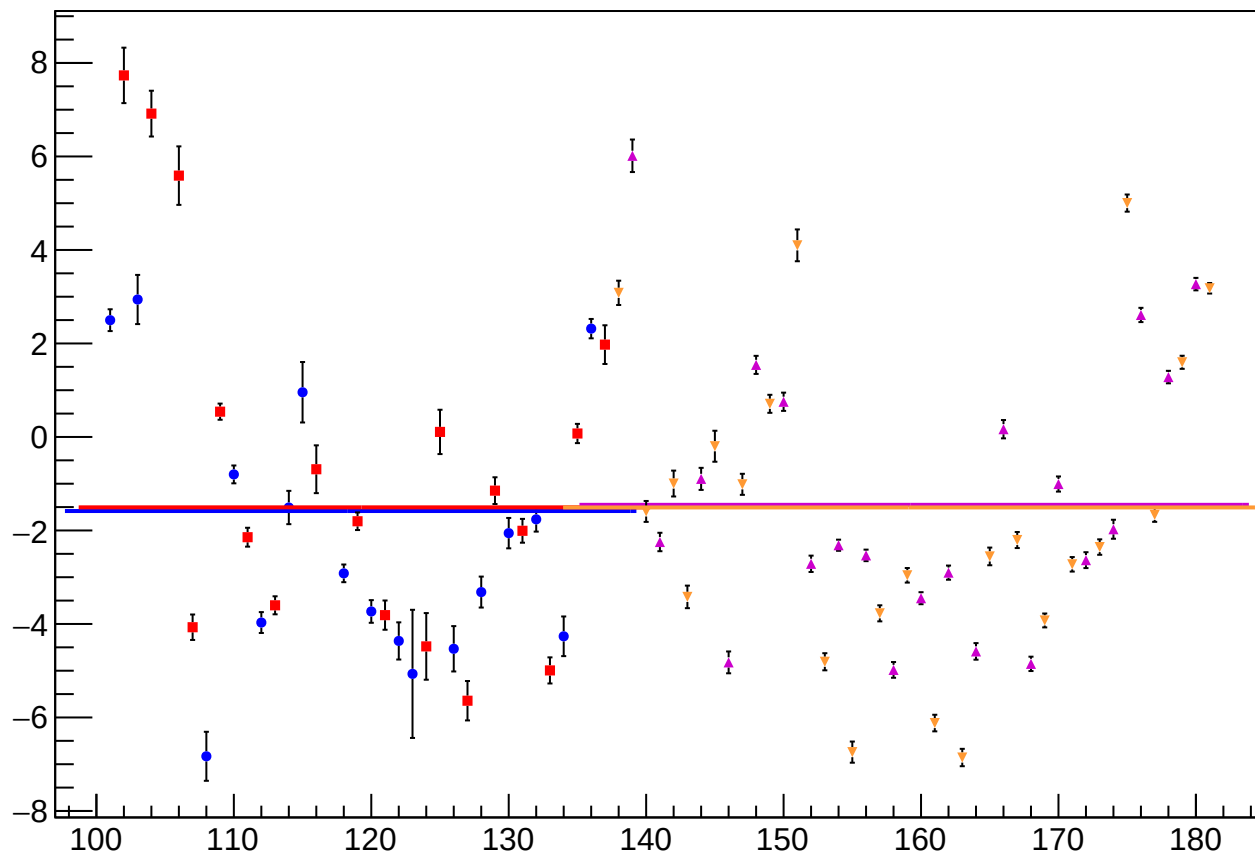
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 15.006 ± 0.038 χ^2/NDF : 65392.6/37

Out: 15.780 ± 0.038 χ^2/NDF : 114032.4/40

All: 15.388 ± 0.027 χ^2/NDF : 179631.7/78

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: -1.508 ± 0.038 χ^2/NDF : 7304.2/22

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: -1.478 ± 0.026 χ^2/NDF : 12631.1/43

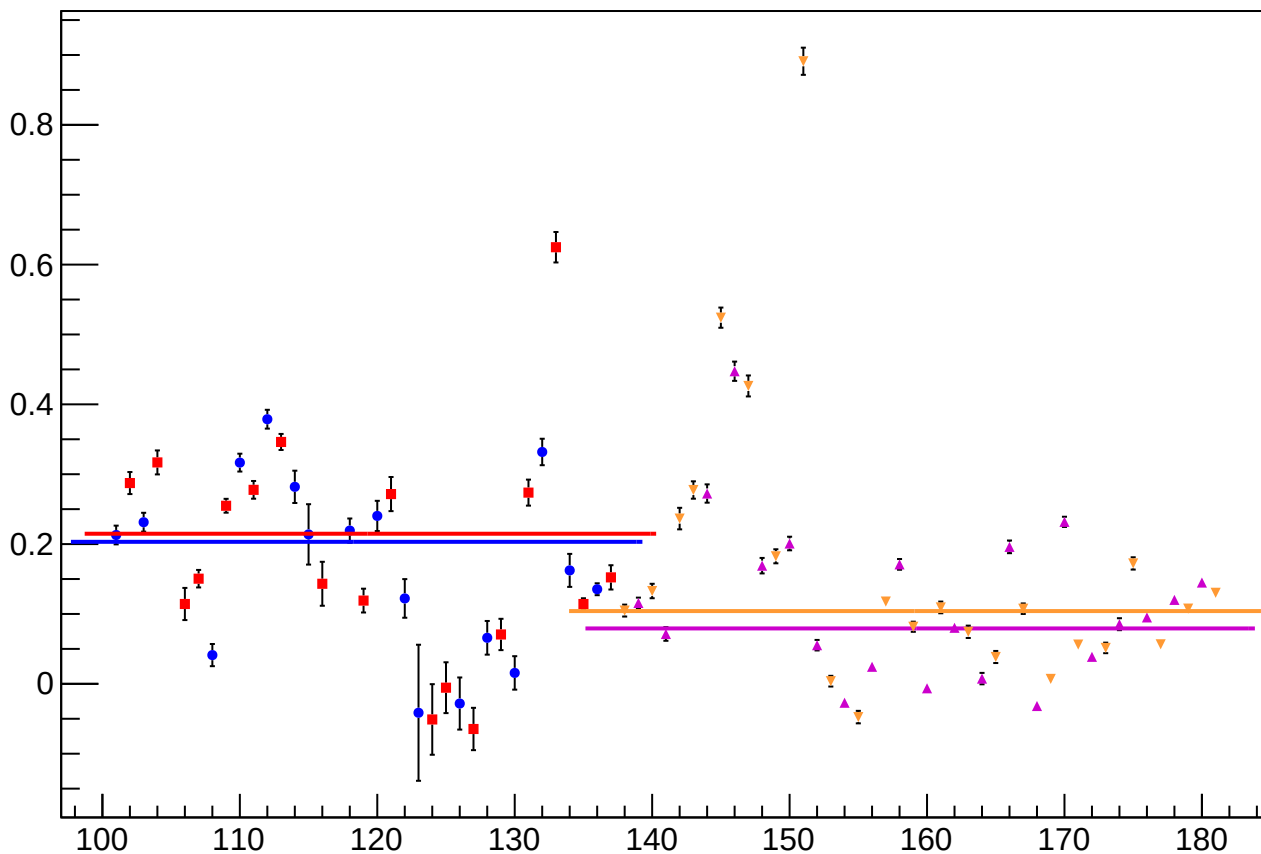
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.479 ± 0.032 χ^2/NDF : 6600.8/37

Out: -1.507 ± 0.033 χ^2/NDF : 8804.0/40

All: -1.493 ± 0.023 χ^2/NDF : 15405.2/78

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4271.4/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.079 ± 0.002 χ^2/NDF : 3346.2/20

Left: 0.091 ± 0.001 χ^2/NDF : 7733.7/43

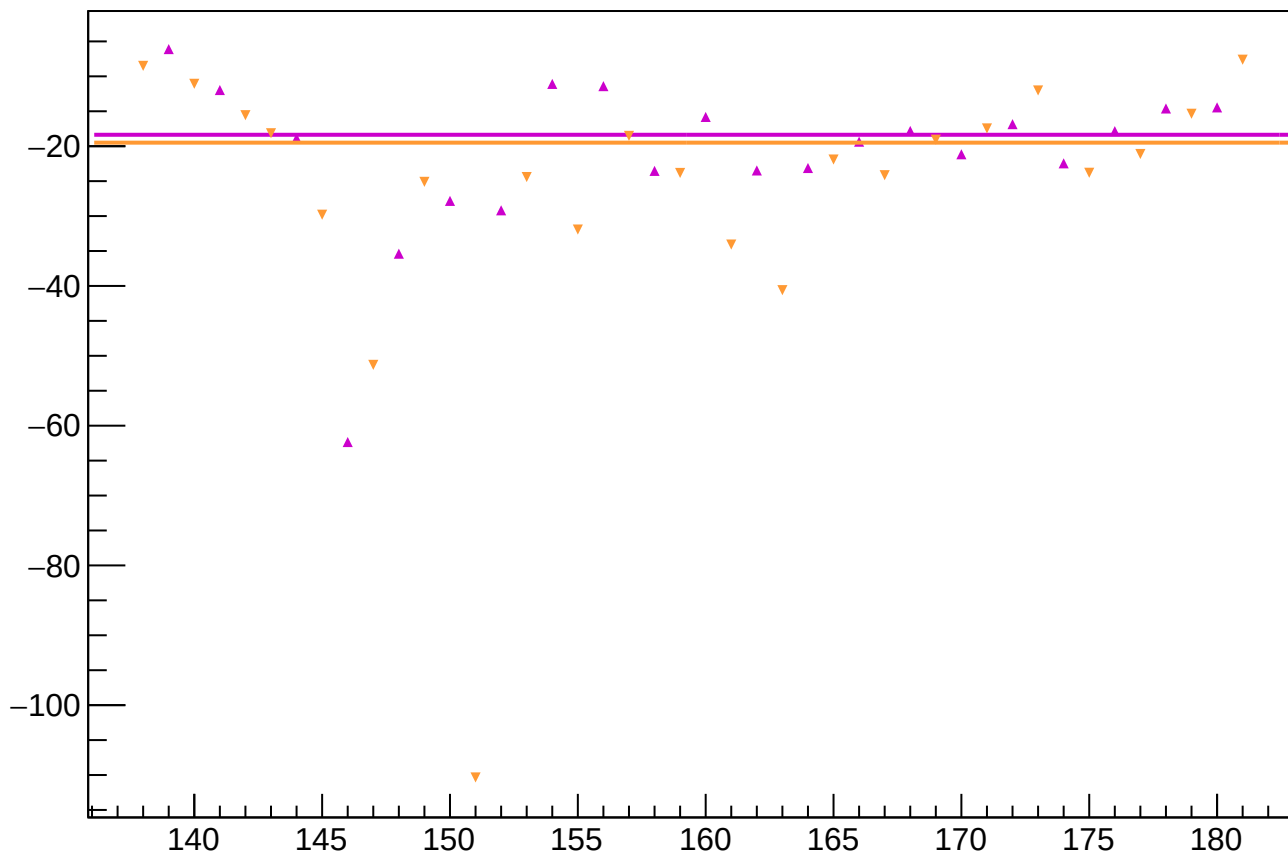
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.095 ± 0.001 χ^2/NDF : 4765.6/37

Out: 0.123 ± 0.002 χ^2/NDF : 6045.0/40

All: 0.108 ± 0.001 χ^2/NDF : 10989.9/78

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



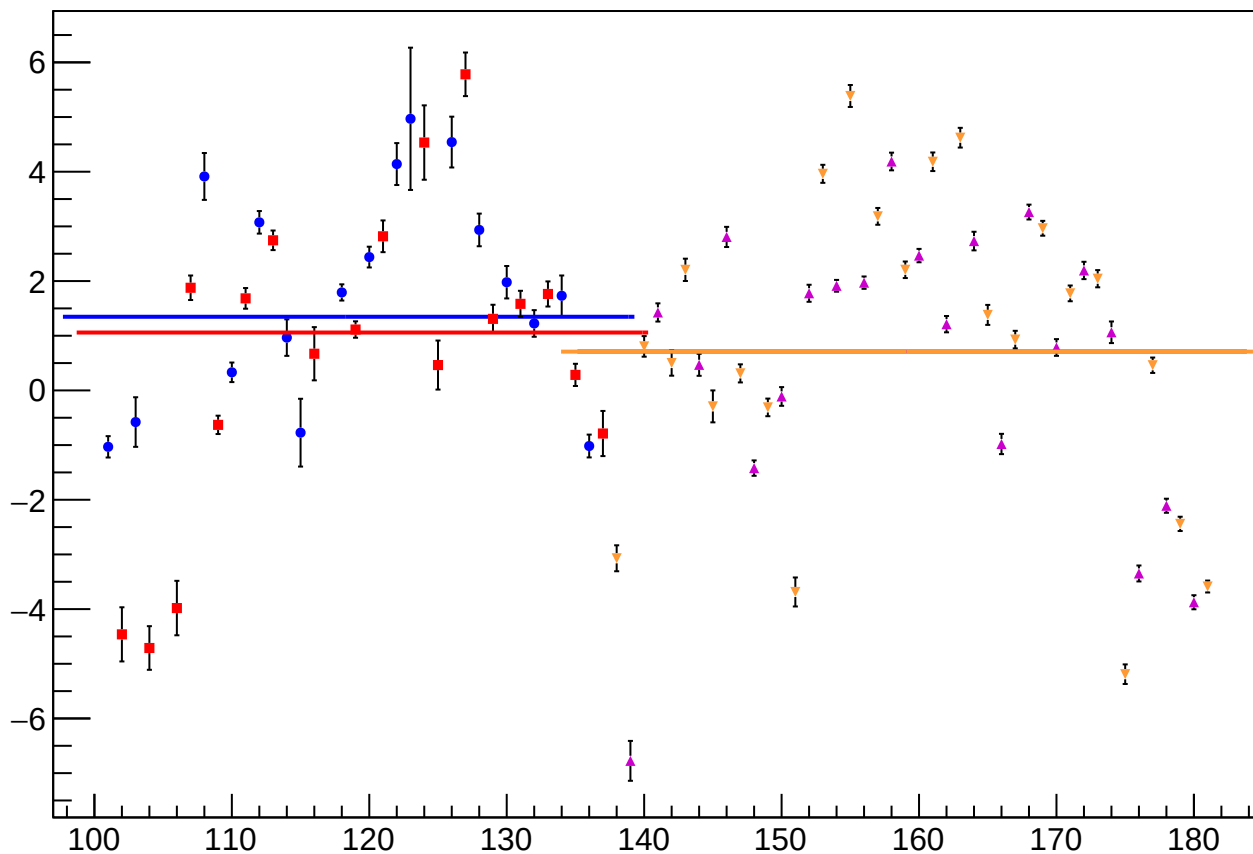
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.491+/-0.042 χ^2/NDF :82907.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -18.364+/-0.042 χ^2/NDF :39297.9/20

Left: -18.920+/-0.030 χ^2/NDF : 122562.4/43
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.364+/-0.042 χ^2/NDF :39297.9/20
 Out: -19.491+/-0.042 χ^2/NDF :82907.2/22

All: -18.920+/-0.030 χ^2/NDF : 122562.4/43

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 0.709 $\pm$ 0.035 χ^2 /NDF: 6452.7/22

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 0.712 $\pm$ 0.033 χ^2 /NDF: 4988.4/20

Left: 0.711 $\pm$ 0.024 χ^2 /NDF: 11441.2/43

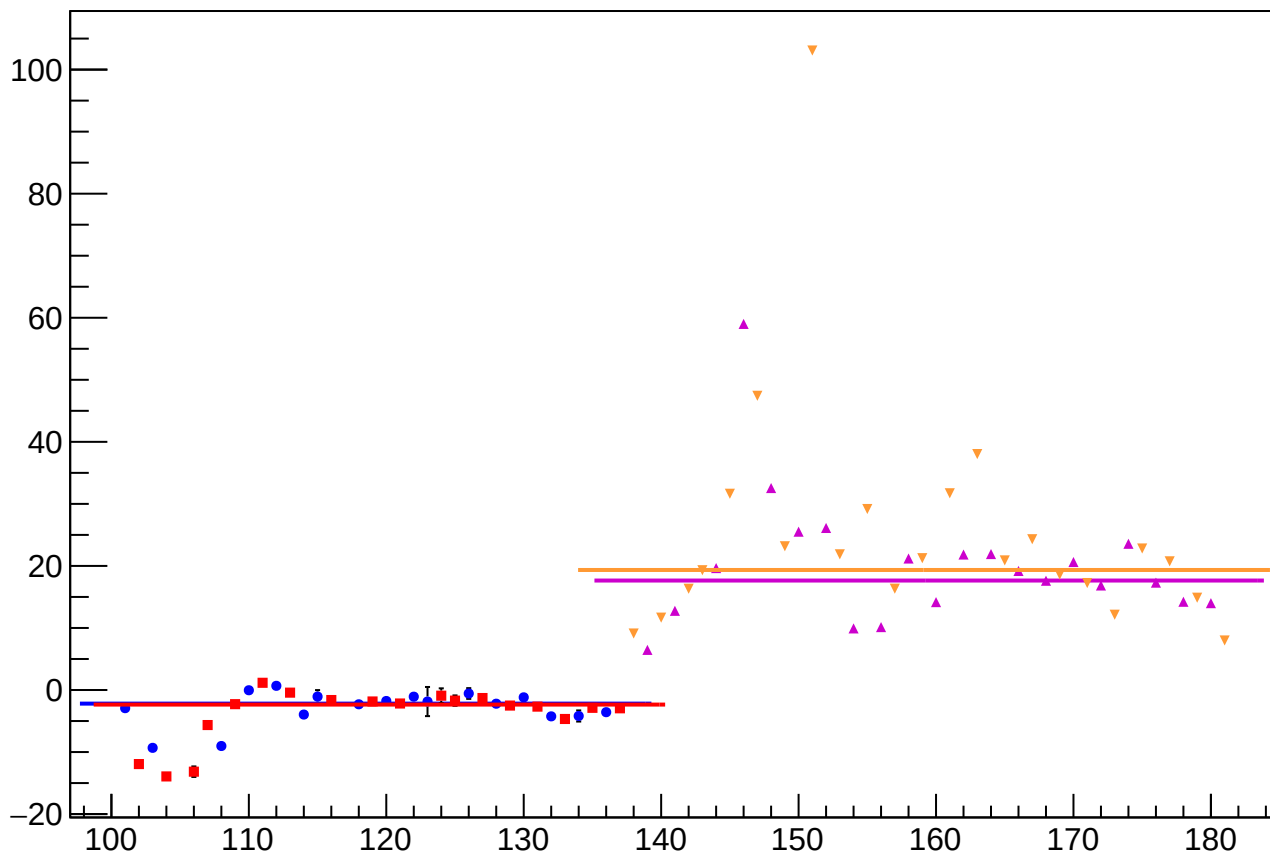
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 0.849 $\pm$ 0.029 χ^2 /NDF: 5700.1/37

Out: 0.798 $\pm$ 0.030 χ^2 /NDF: 7384.0/40

All: 0.824 $\pm$ 0.021 χ^2 /NDF: 13085.6/78

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 19.346 ± 0.042 $\chi^2/\text{NDF}: 73052.9/22$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 17.645 ± 0.041 $\chi^2/\text{NDF}: 36902.8/20$

Left: 18.470 ± 0.030 $\chi^2/\text{NDF}: 110783.9/43$

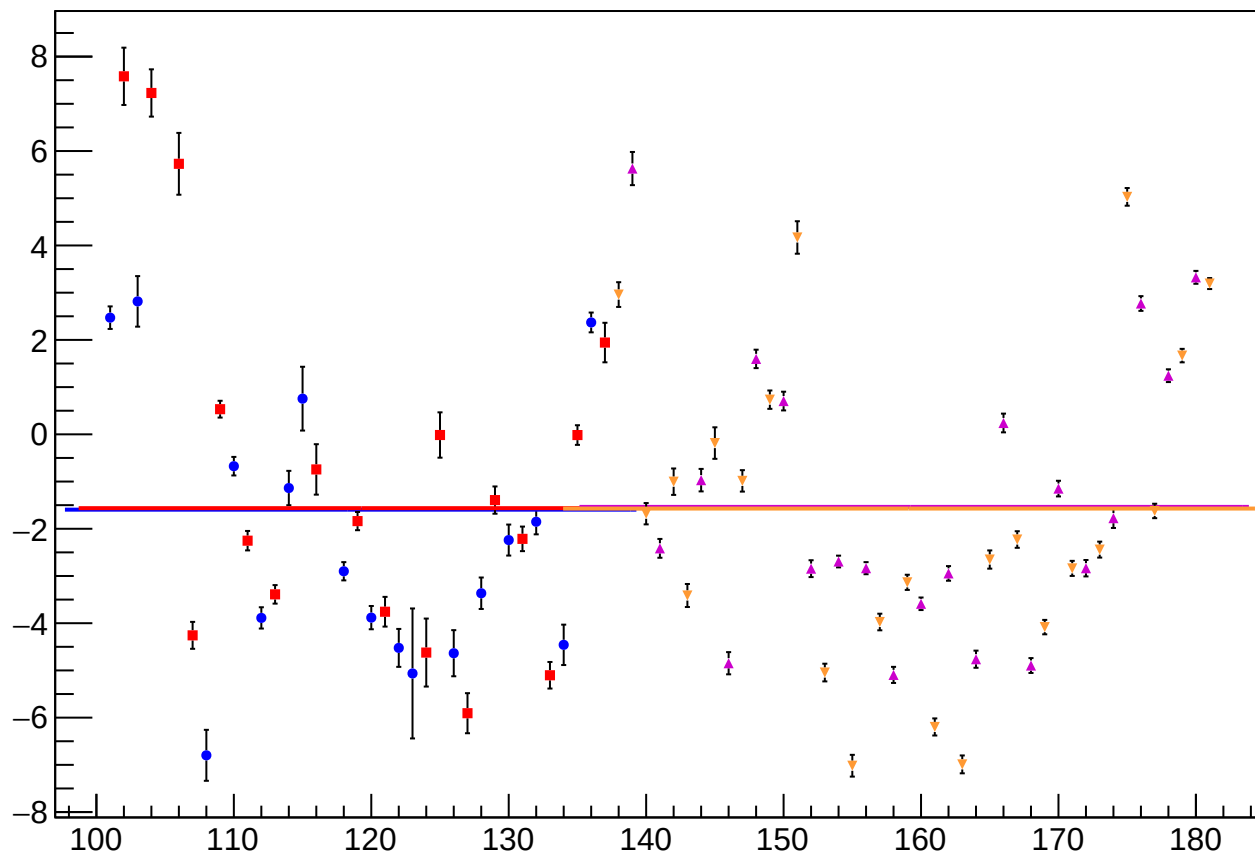
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 15.312 ± 0.039 $\chi^2/\text{NDF}: 64636.6/37$

Out: 16.110 ± 0.039 $\chi^2/\text{NDF}: 112961.0/40$

All: 15.707 ± 0.028 $\chi^2/\text{NDF}: 177807.8/78$

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: -1.572 ± 0.039 χ^2/NDF : 7296.8/22

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: -1.554 ± 0.027 χ^2/NDF : 12680.5/43

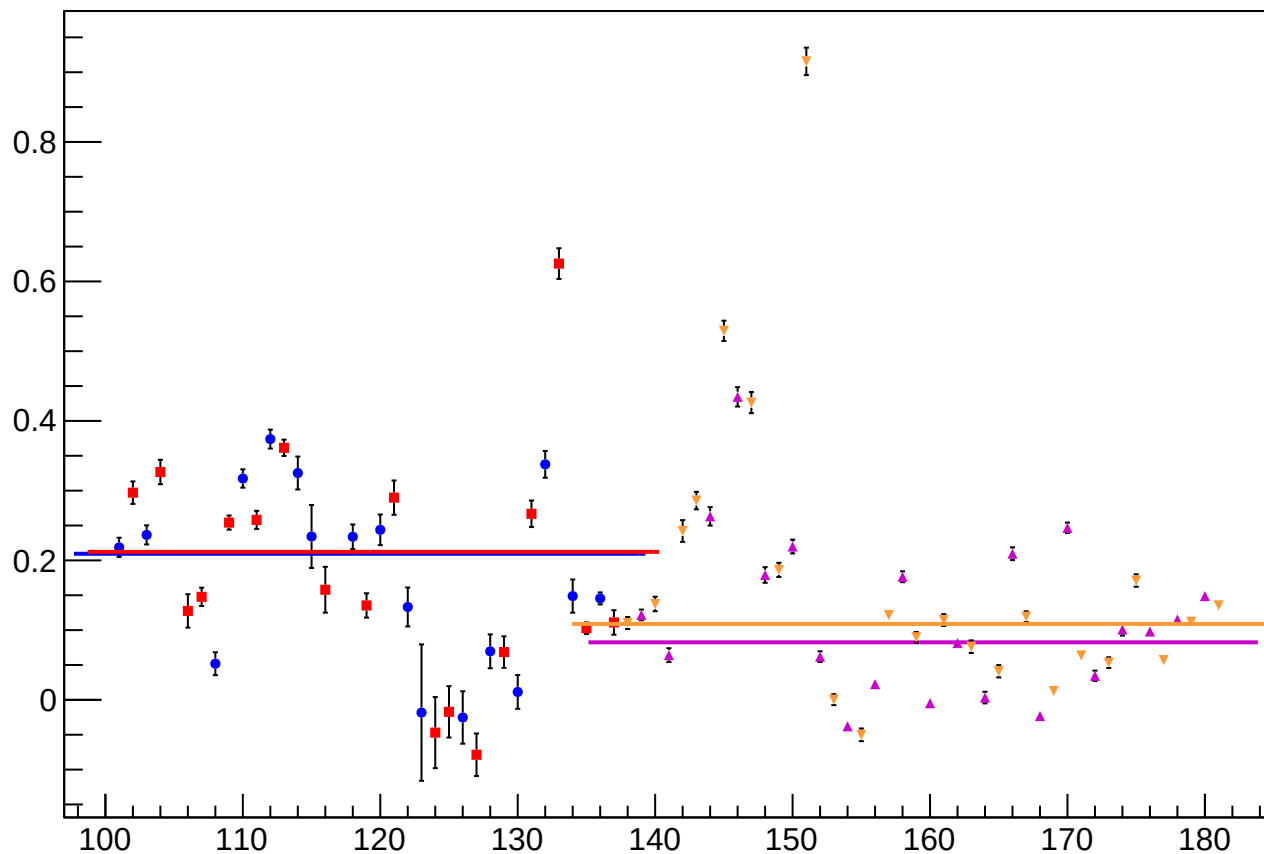
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.549 ± 0.033 χ^2/NDF : 6639.2/37

Out: -1.570 ± 0.033 χ^2/NDF : 8758.6/40

All: -1.559 ± 0.023 χ^2/NDF : 15398.1/78

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: 0.109 ± 0.002 $\chi^2/\text{NDF}: 4298.5/22$

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: 0.095 ± 0.001 $\chi^2/\text{NDF}: 7844.5/43$

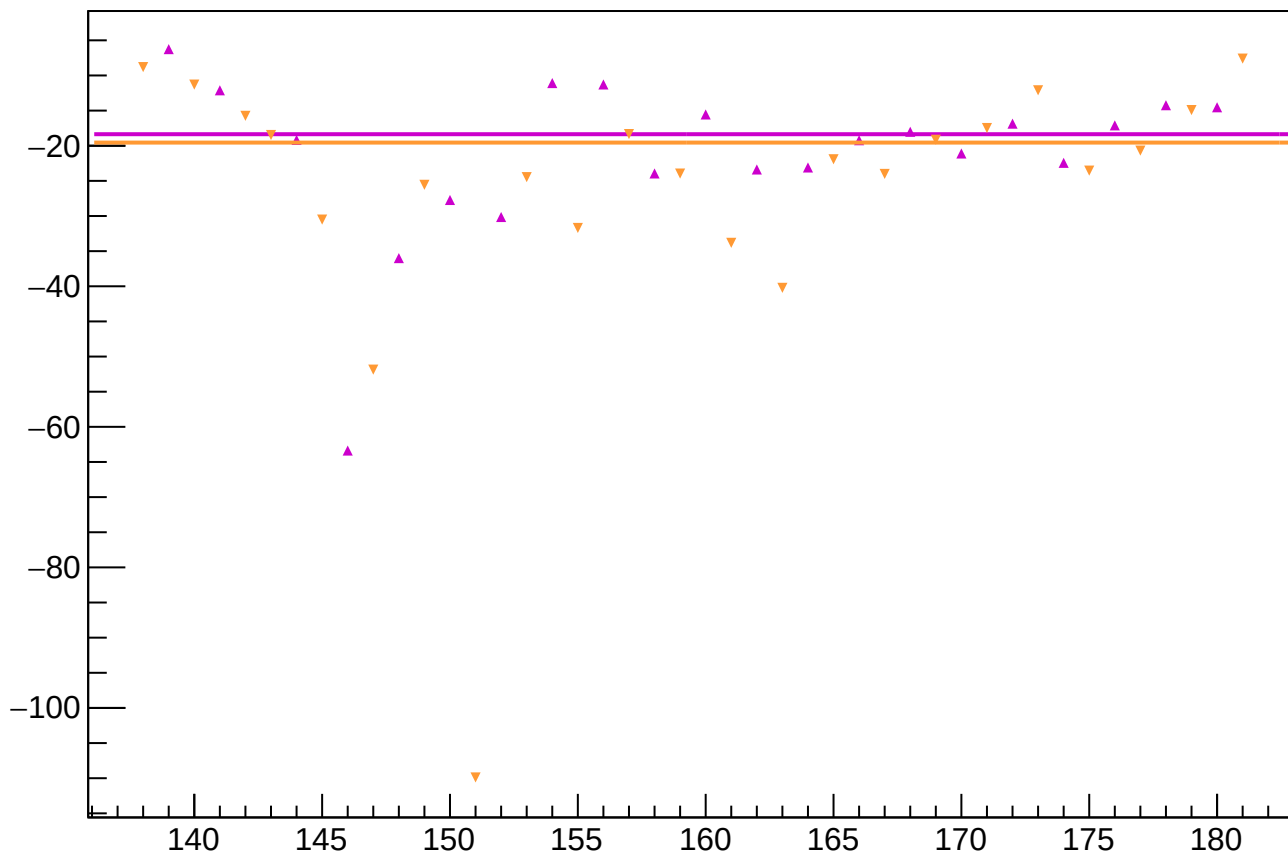
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.099 ± 0.002 $\chi^2/\text{NDF}: 4814.6/37$

Out: 0.127 ± 0.002 $\chi^2/\text{NDF}: 6014.8/40$

All: 0.112 ± 0.001 $\chi^2/\text{NDF}: 10997.8/78$

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: -19.551+/-0.043 χ^2/NDF :81604.7/22

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: -18.947+/-0.030 χ^2/NDF : 121791.1/43

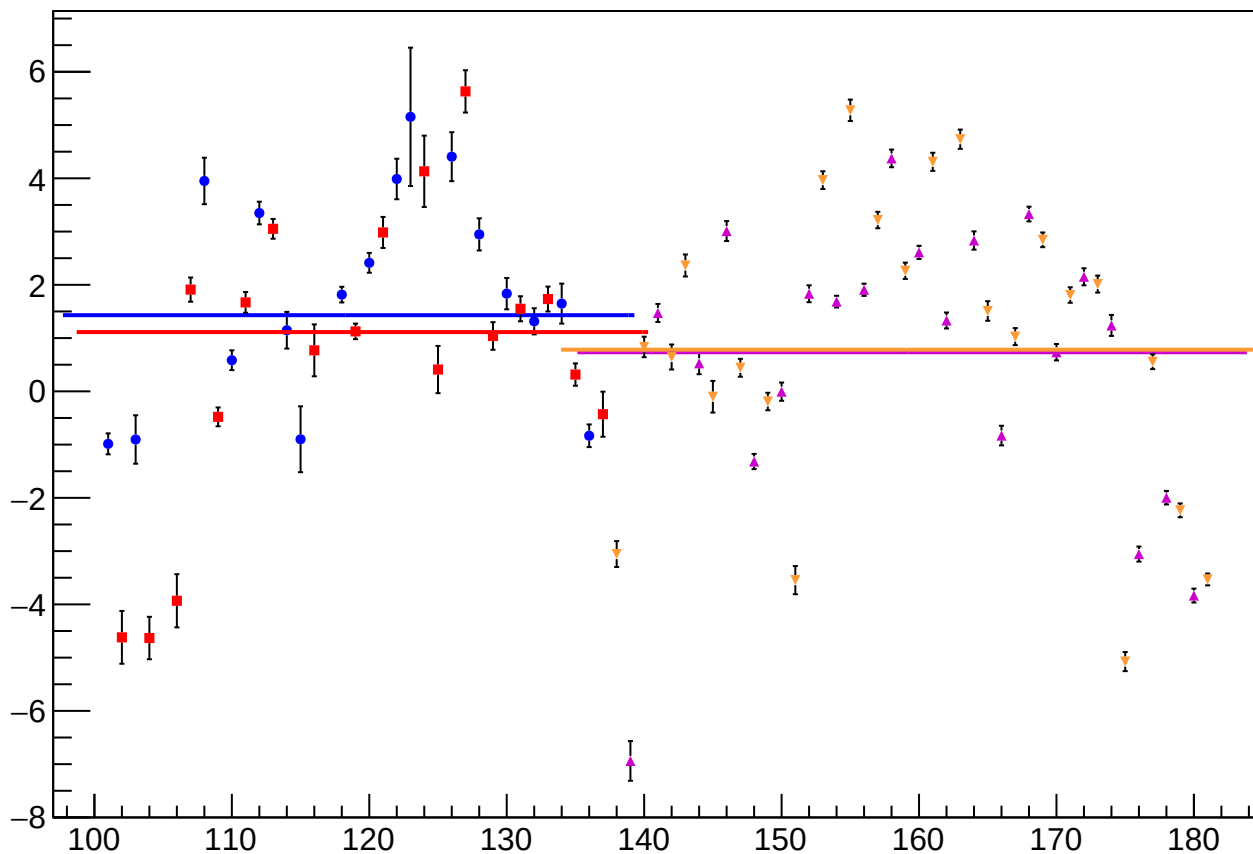
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.359+/-0.042 χ^2/NDF :39793.2/20

Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

All: -18.947+/-0.030 χ^2/NDF : 121791.1/43

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.782 $\pm$ 0.035 χ^2 /NDF: 6207.7/22

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 0.734 $\pm$ 0.033 χ^2 /NDF: 4833.0/20

Left: 0.757 $\pm$ 0.024 χ^2 /NDF: 11041.7/43

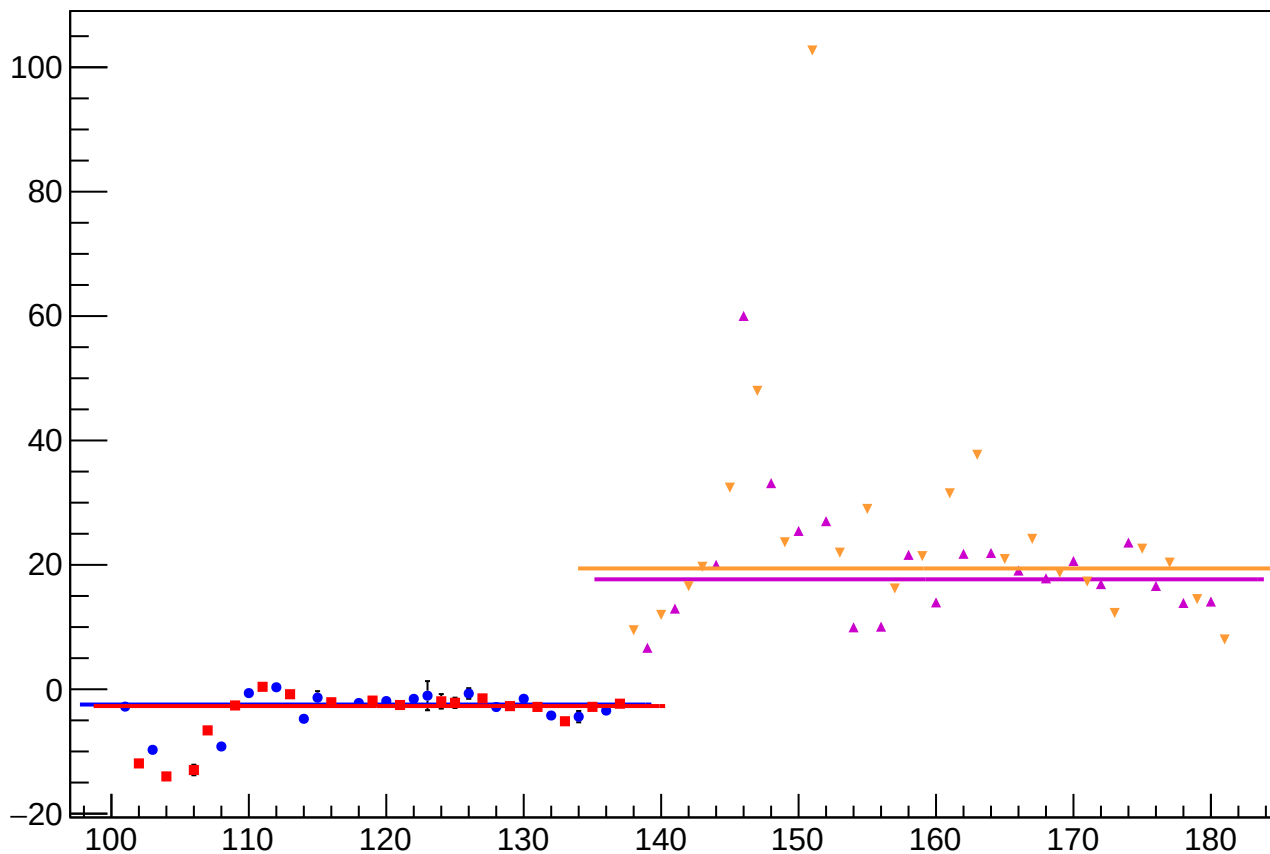
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 0.885 $\pm$ 0.029 χ^2 /NDF: 5527.2/37

Out: 0.865 $\pm$ 0.030 χ^2 /NDF: 7118.0/40

All: 0.875 $\pm$ 0.021 χ^2 /NDF: 12645.5/78

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: 19.425 ± 0.043 χ^2/NDF : 72037.4/22

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: 18.524 ± 0.030 χ^2/NDF : 110298.9/43

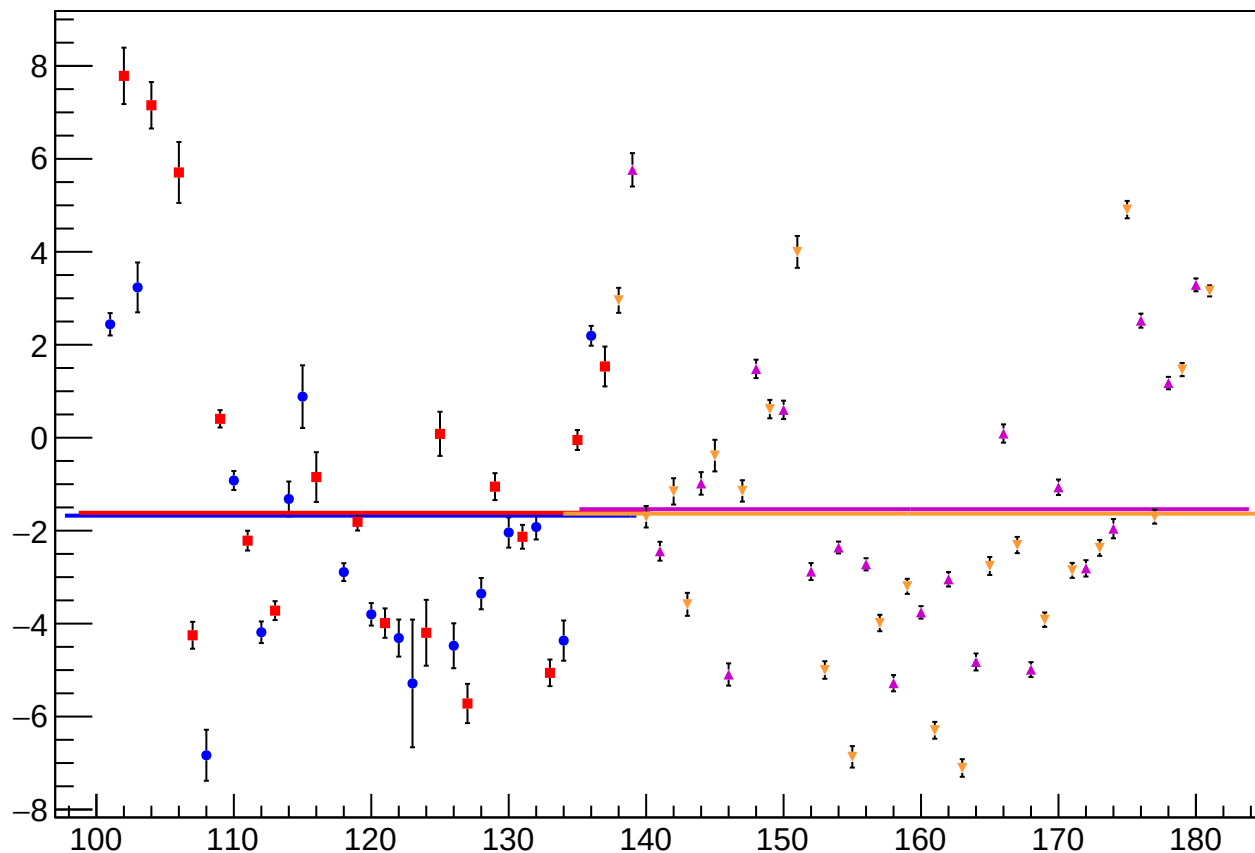
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.341 ± 0.039 χ^2/NDF : 65121.4/37

Out: 16.202 ± 0.040 χ^2/NDF : 111859.6/40

All: 15.766 ± 0.028 χ^2/NDF : 177221.3/78

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: -1.635 ± 0.039 χ^2/NDF : 7041.3/22

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: -1.584 ± 0.027 χ^2/NDF : 12317.6/43

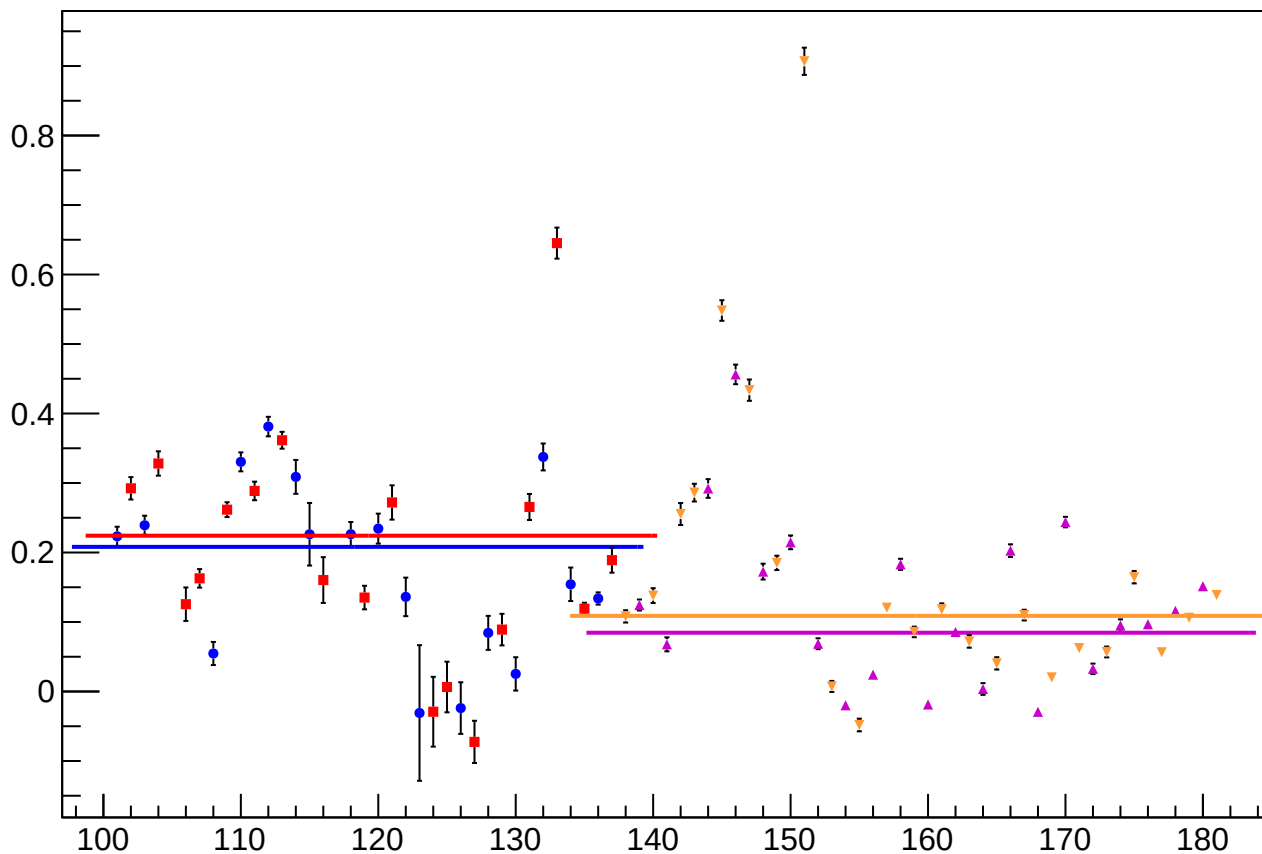
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.567 ± 0.033 χ^2/NDF : 6480.7/37

Out: -1.630 ± 0.034 χ^2/NDF : 8468.7/40

All: -1.598 ± 0.024 χ^2/NDF : 14951.2/78

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: 0.109 $\pm$ 0.002 χ^2 /NDF:4267.3/22

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: 0.096 $\pm$ 0.001 χ^2 /NDF: 7757.4/43

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: 0.128 $\pm$ 0.002 χ^2 /NDF:6007.3/40

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10893.5/78