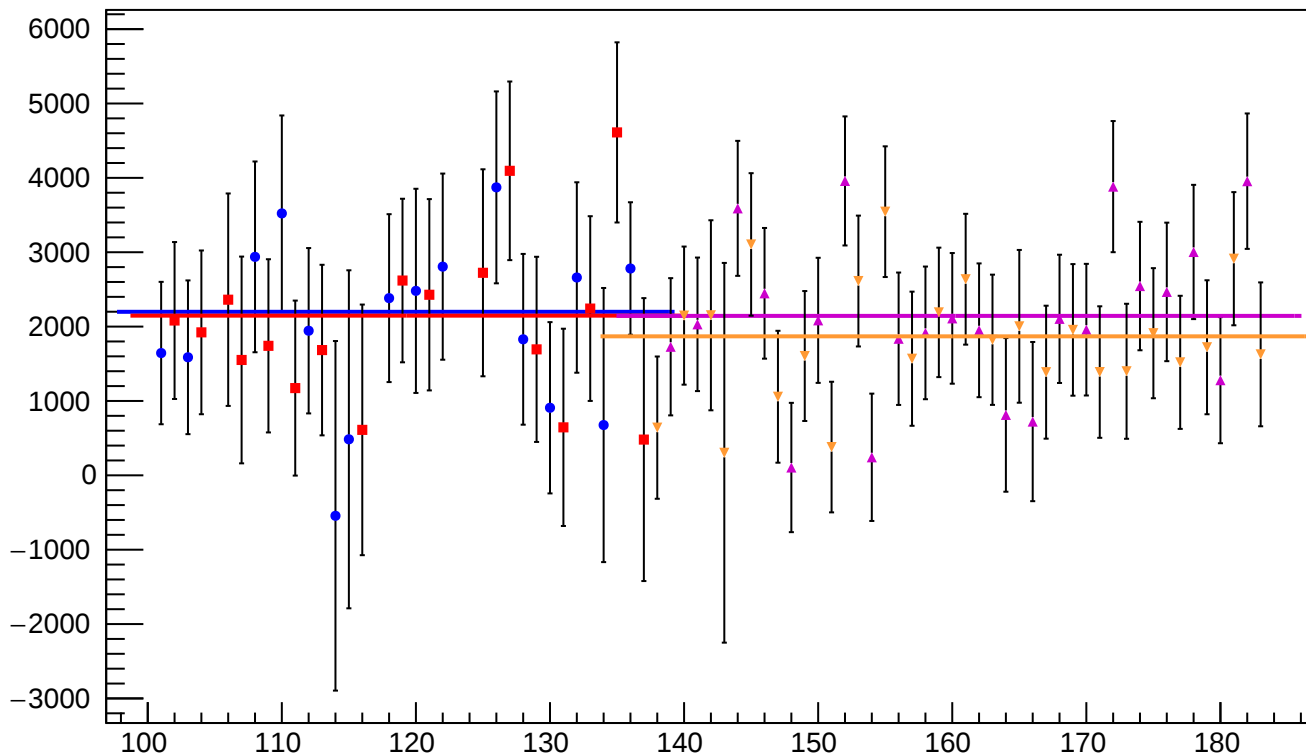


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1869.020+/-189.692

Right Out: 2147.149+/-304.804

Left In: 2144.068+/-190.906

χ^2/NDF : 8.6/15

χ^2/NDF : 15.5/23

χ^2/NDF : 11.4/16

χ^2/NDF : 31.5/21

Left: 2005.667+/-134.560

Right: 2172.848+/-216.219

In: 2159.369+/-162.083

Out: 1946.668+/-161.051

All: 2052.339+/-114.243

χ^2/NDF : 48.0/45

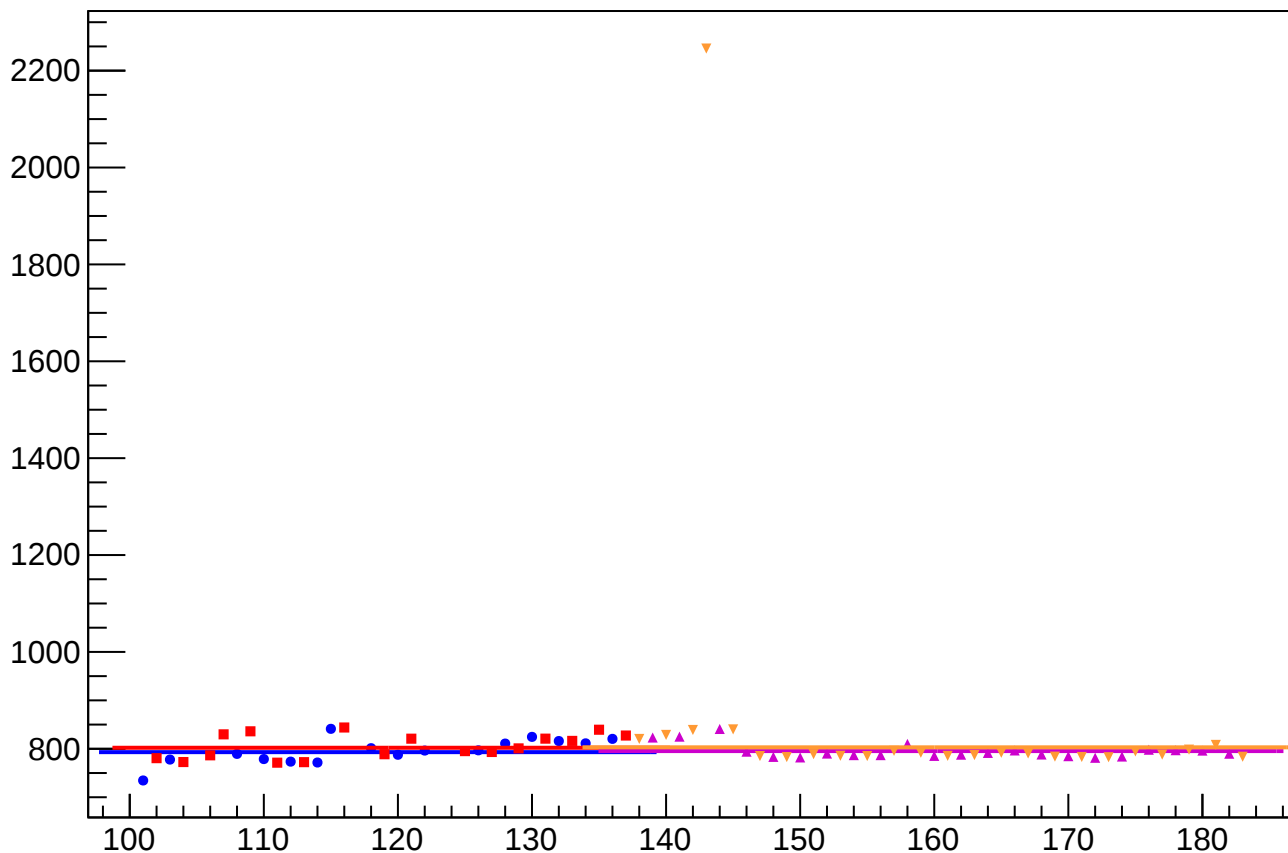
χ^2/NDF : 20.0/32

χ^2/NDF : 40.1/37

χ^2/NDF : 27.5/40

χ^2/NDF : 68.5/78

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.030+/-0.134 χ^2/NDF : 656539.2/23

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

Left In: 795.283+/-0.135 χ^2/NDF : 12722.4/21

Left: 799.181+/-0.095 χ^2/NDF : 670918.9/45

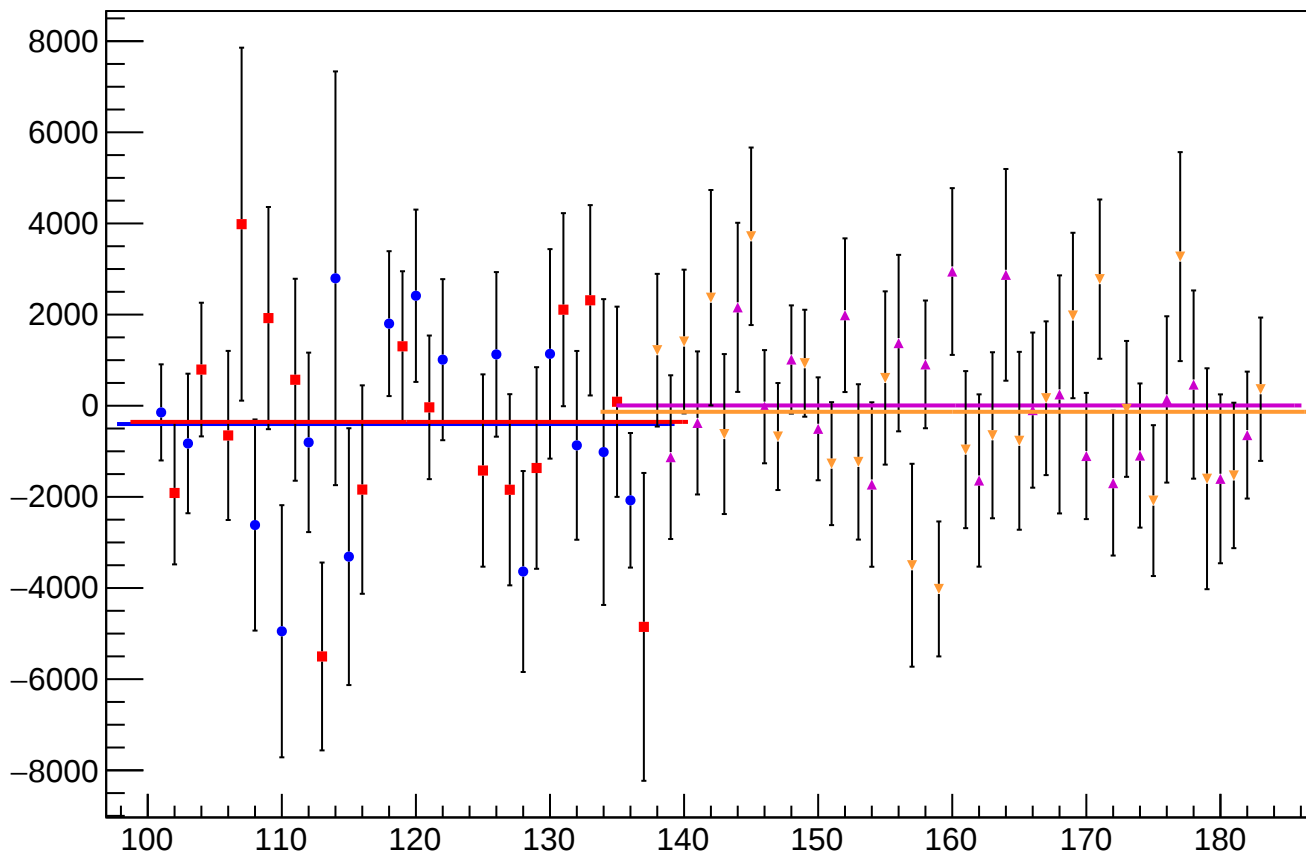
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 794.671+/-0.115 χ^2/NDF : 27499.1/37

Out: 802.784+/-0.114 χ^2/NDF : 669274.8/40

All: 798.753+/-0.081 χ^2/NDF : 699295.1/78

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -133.078 $\pm$ 339.805 χ^2 /NDF:27.6/23

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

Left In: 6.133 $\pm$ 343.067 χ^2 /NDF:14.1/21

Left: -64.137 $\pm$ 241.423 χ^2 /NDF: 41.8/45

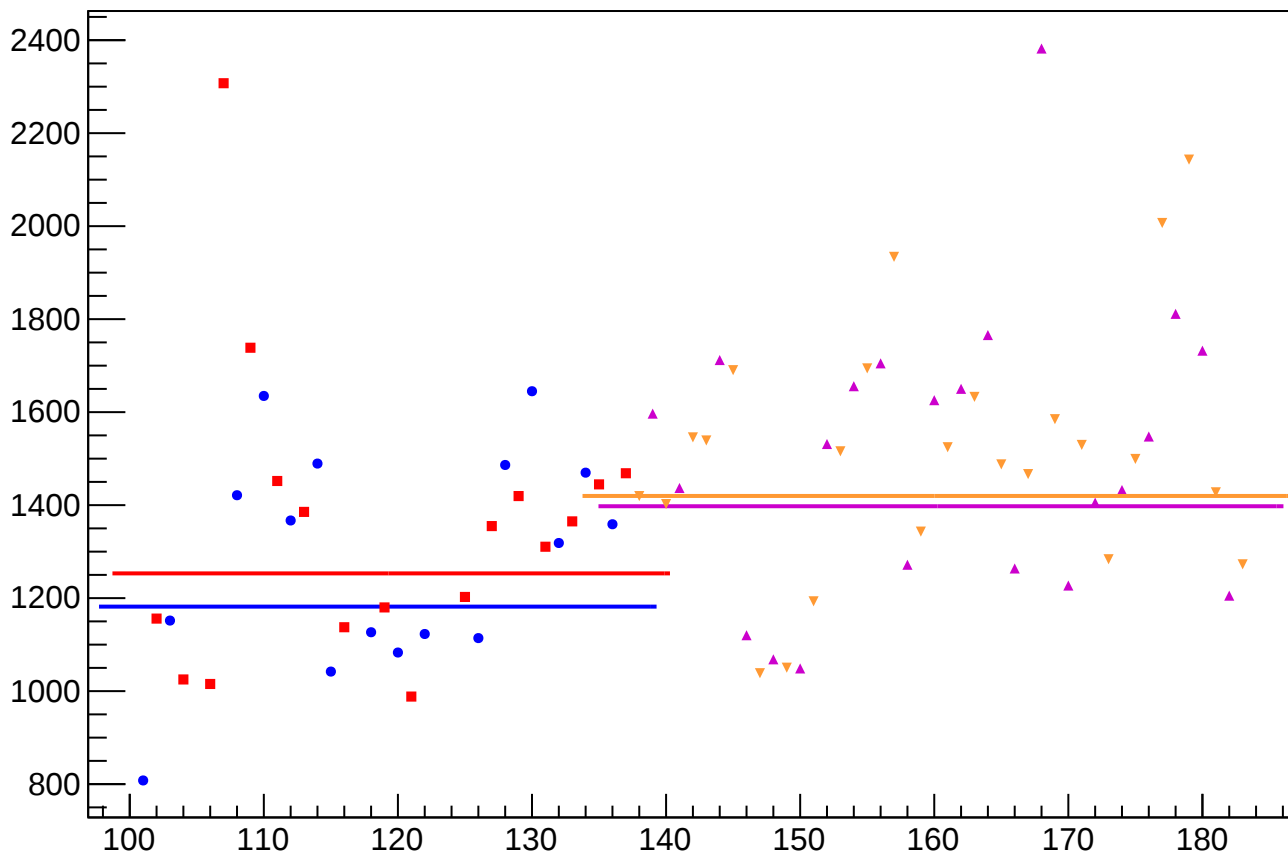
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -136.071 $\pm$ 276.826 χ^2 /NDF:29.4/37

Out: -205.663 $\pm$ 278.584 χ^2 /NDF:45.2/40

All: -170.647 $\pm$ 196.364 χ^2 /NDF: 74.6/78

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1419.758 $\pm$ 0.240 χ^2 /NDF:1090521.2/23

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

Left In: 1397.637 $\pm$ 0.243 χ^2 /NDF:1289600.6/21

Left: 1408.803 $\pm$ 0.171 χ^2 /NDF: 2384319.4/45

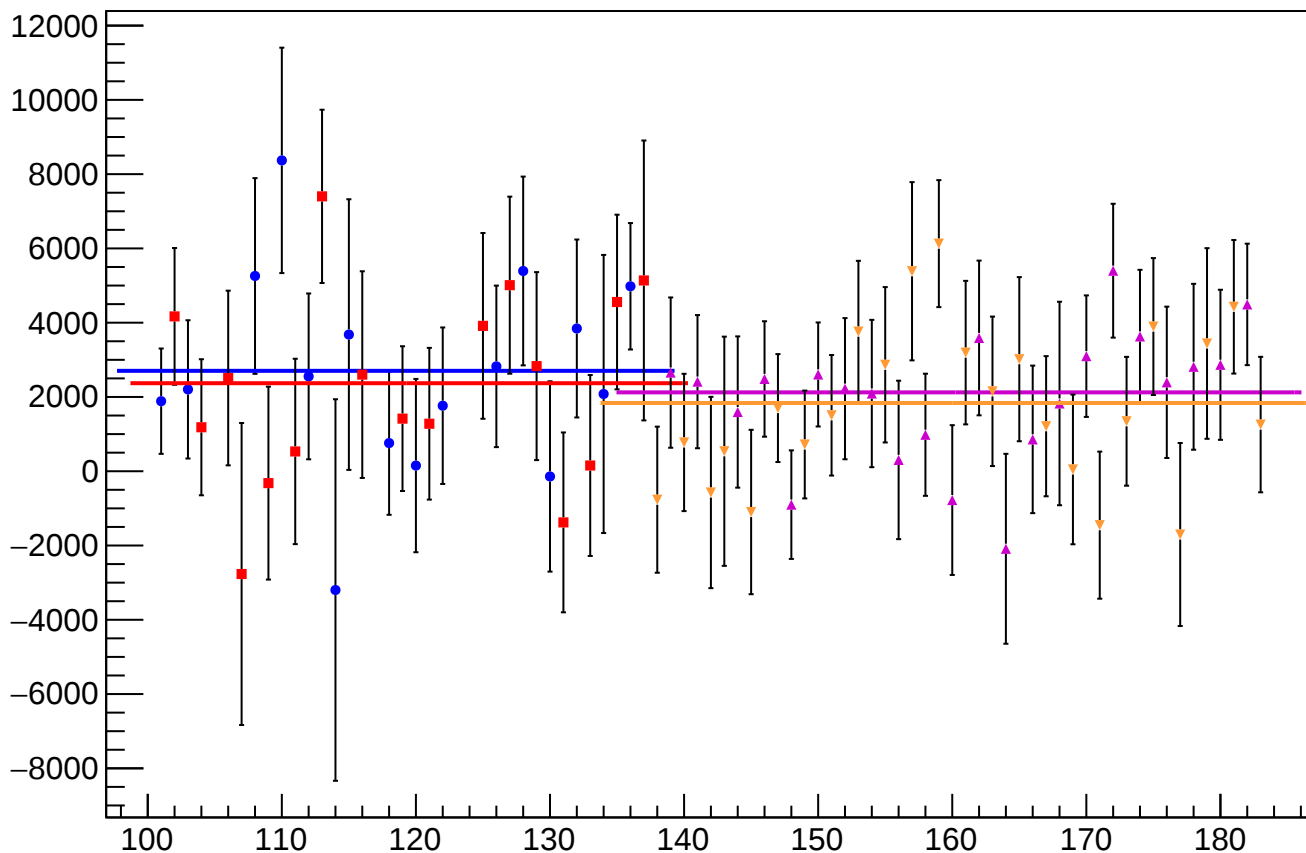
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1322.323 $\pm$ 0.196 χ^2 /NDF:2109367.6/37

Out: 1365.156 $\pm$ 0.197 χ^2 /NDF:1703666.3/40

All: 1343.604 $\pm$ 0.139 χ^2 /NDF: 3836823.0/78

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1837.845 $\pm$ 394.907 χ^2 /NDF: 25.7/23

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

Left In: 2123.927 $\pm$ 395.993 χ^2 /NDF: 18.2/21

Left: 1980.493 $\pm$ 279.625 χ^2 /NDF: 44.2/45

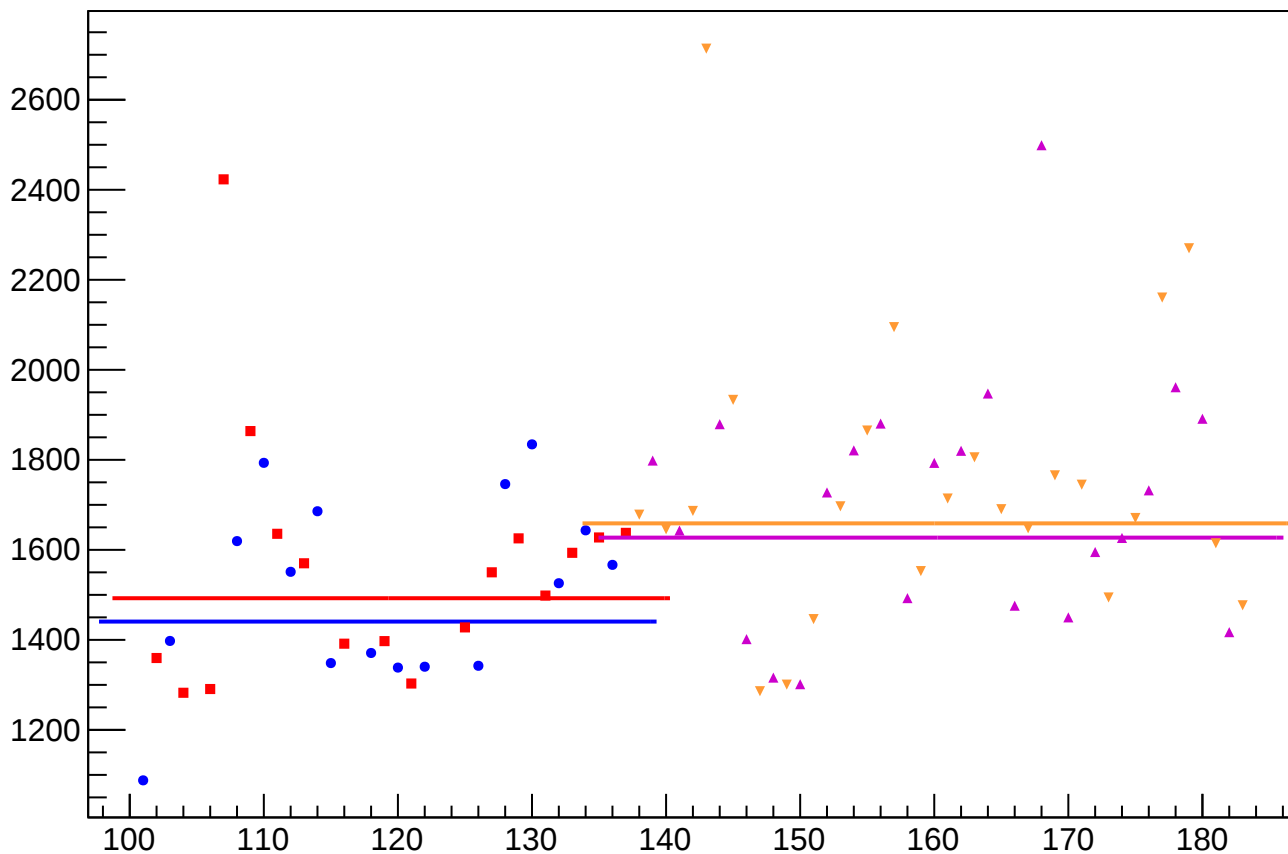
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2315.130 $\pm$ 324.184 χ^2 /NDF: 32.0/37

Out: 2099.217 $\pm$ 325.251 χ^2 /NDF: 42.3/40

All: 2162.676 $\pm$ 229.609 χ^2 /NDF: 74.7/78

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1658.850 $\pm$ 0.279 χ^2 /NDF: 904342.3/23

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

Left In: 1627.156 $\pm$ 0.280 χ^2 /NDF: 769647.2/21

Left: 1643.047 $\pm$ 0.198 χ^2 /NDF: 1680412.8/45

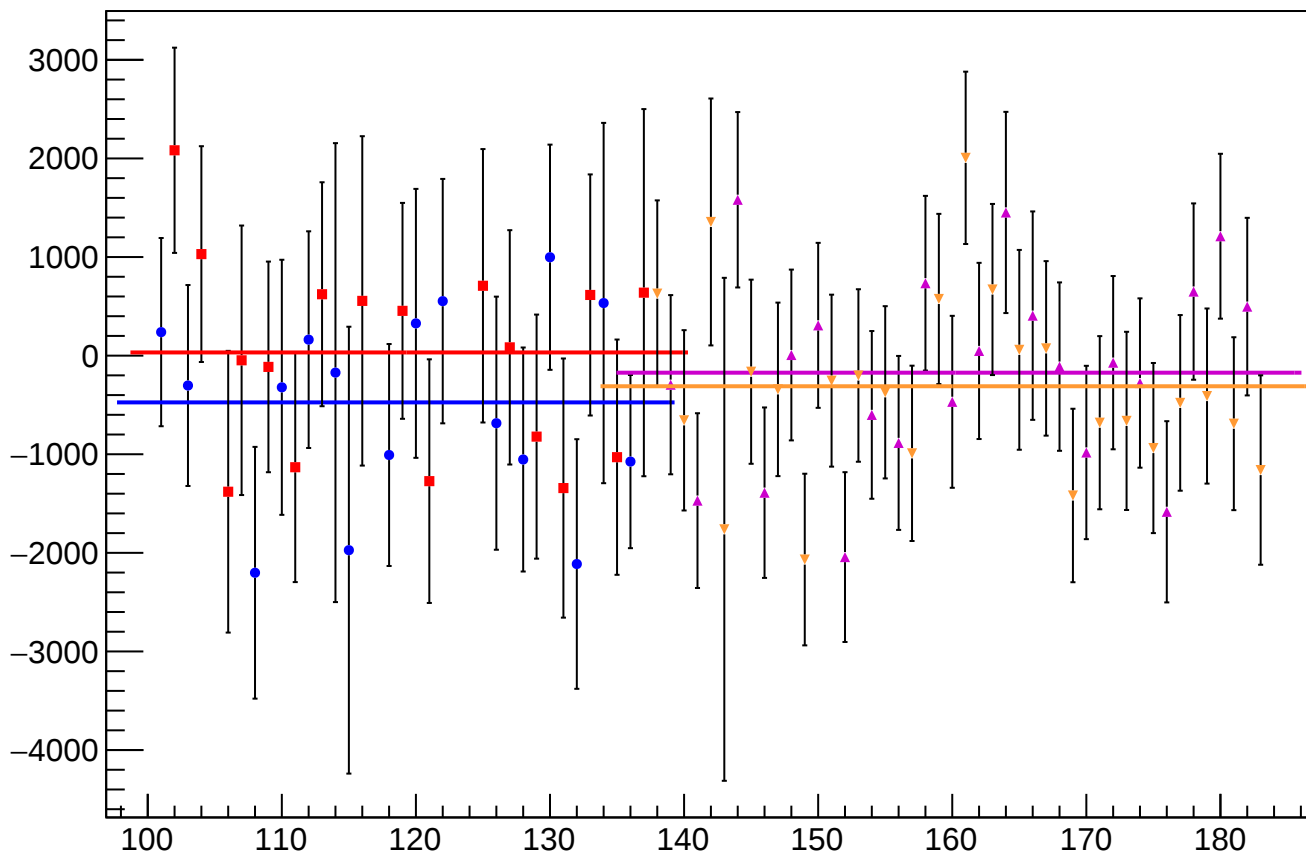
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1565.648 $\pm$ 0.229 χ^2 /NDF: 1198220.6/37

Out: 1605.351 $\pm$ 0.230 χ^2 /NDF: 1269960.2/40

All: 1585.434 $\pm$ 0.162 χ^2 /NDF: 2483130.5/78

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -310.493+/-187.769 χ^2/NDF :21.1/23

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

Left In: -172.901+/-189.054 χ^2/NDF :25.5/21

Left: -242.166+/-133.225 χ^2/NDF : 46.8/45

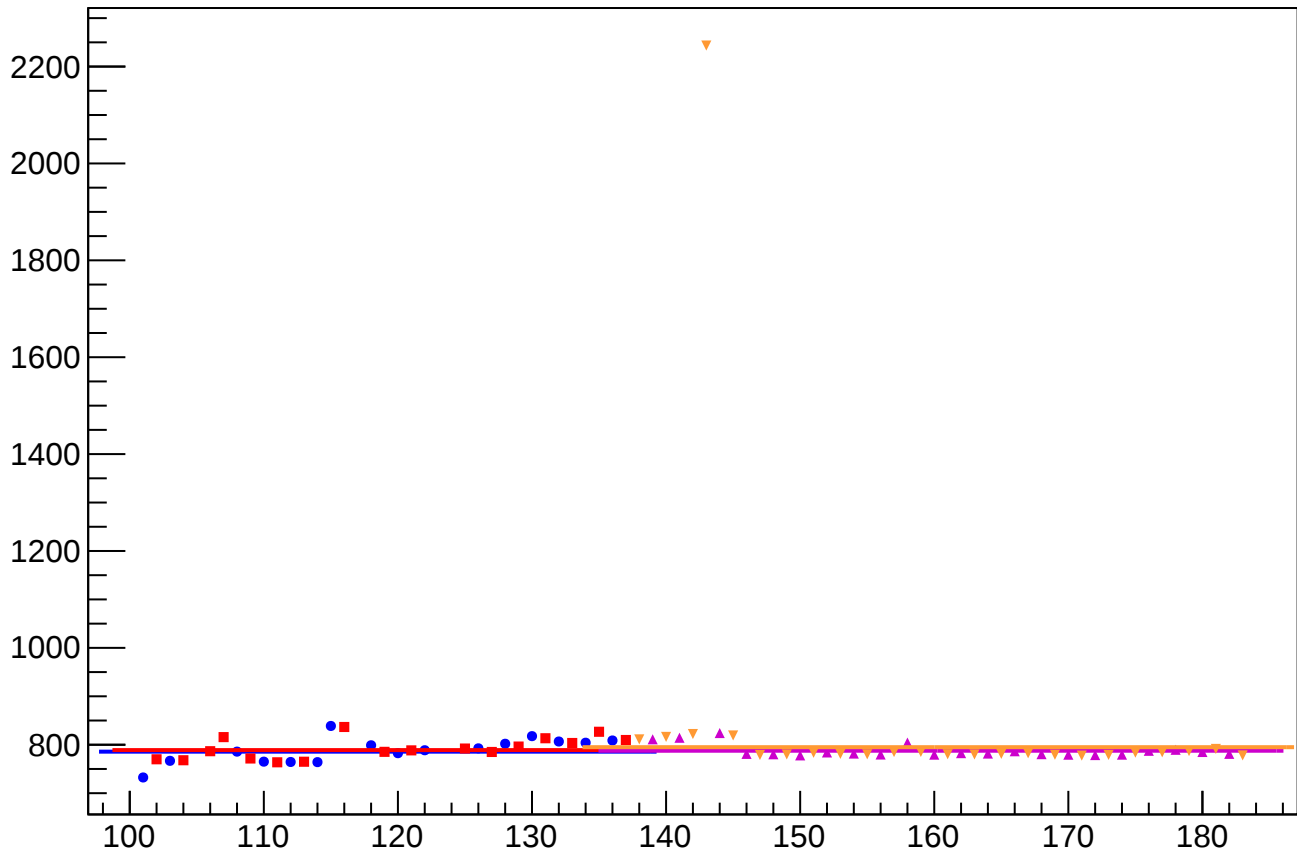
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -256.946+/-160.529 χ^2/NDF :35.0/37

Out: -213.781+/-159.105 χ^2/NDF :33.3/40

All: -235.171+/-113.004 χ^2/NDF : 68.4/78

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 794.957 $\pm$ 0.133 χ^2 /NDF: 657551.1/23

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

Left In: 787.651 $\pm$ 0.134 χ^2 /NDF: 9194.2/21

Left: 791.329 $\pm$ 0.094 χ^2 /NDF: 668249.0/45

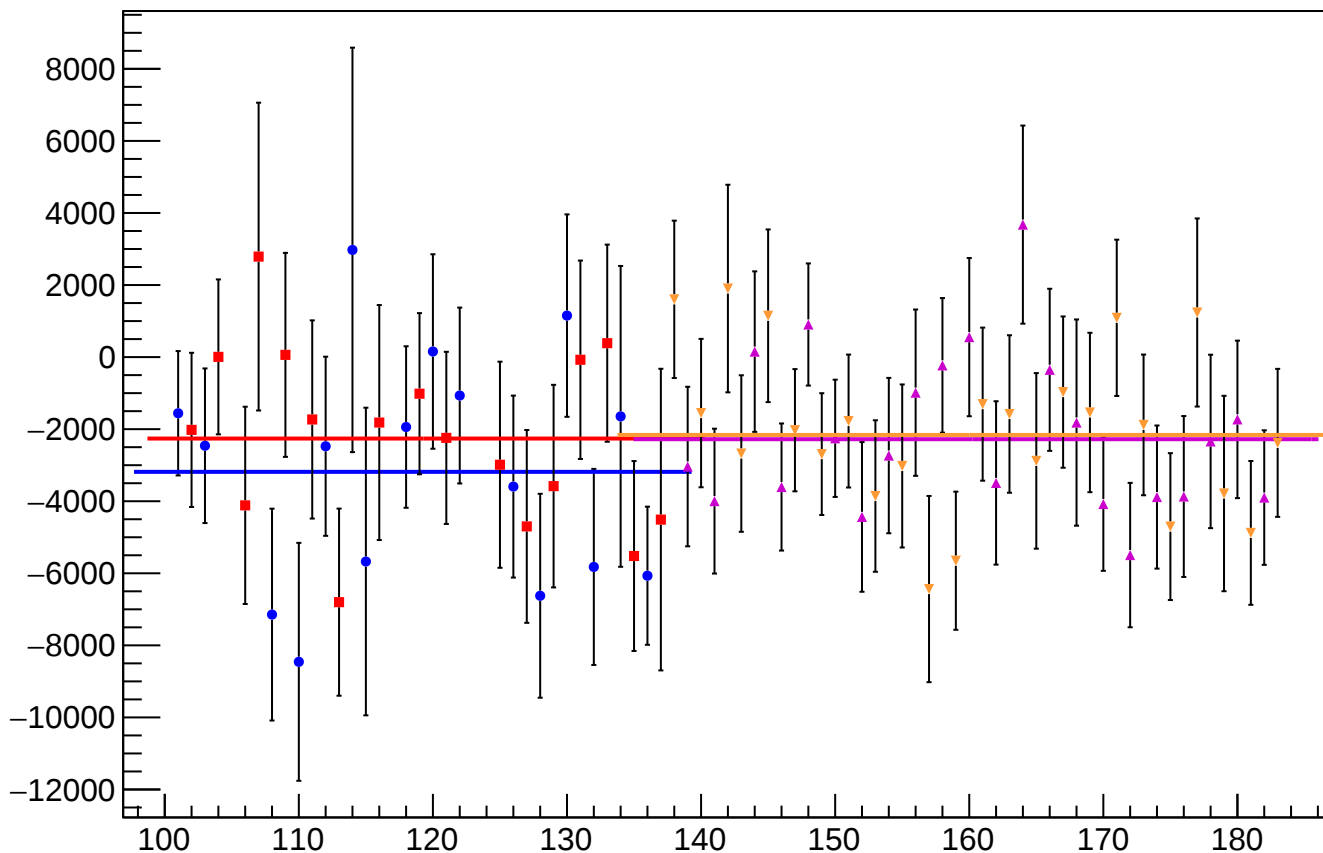
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 787.119 $\pm$ 0.114 χ^2 /NDF: 23172.3/37

Out: 793.260 $\pm$ 0.113 χ^2 /NDF: 667655.2/40

All: 790.217 $\pm$ 0.080 χ^2 /NDF: 692303.9/78

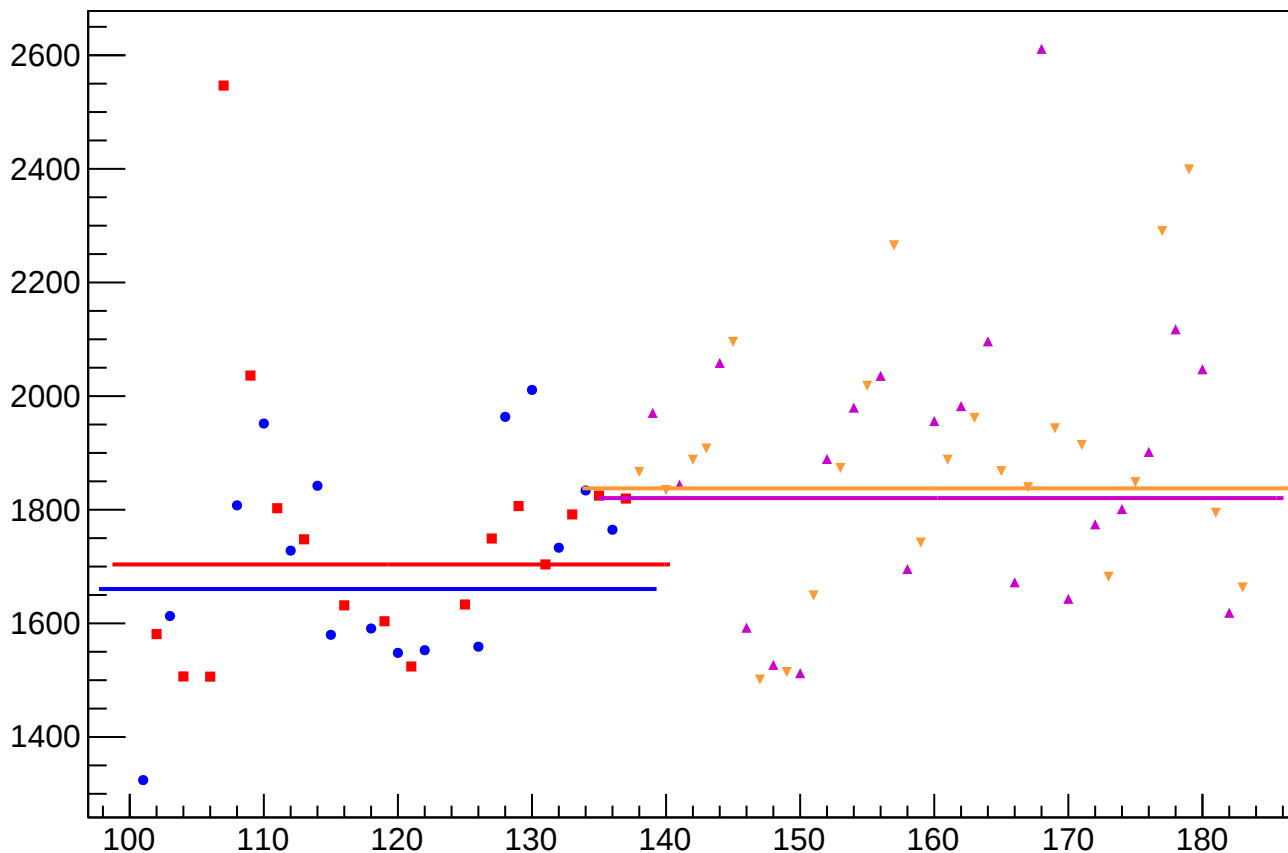
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -2160.253 $\pm$ 434.182 χ^2 /NDF:22.5/23
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -2278.807 $\pm$ 441.122 χ^2 /NDF:21.7/21

Left: -2218.590 $\pm$ 309.438 χ^2 /NDF: 44.2/45
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -2566.002 $\pm$ 364.536 χ^2 /NDF:39.8/37
 Out: -2190.974 $\pm$ 361.378 χ^2 /NDF:34.1/40
 All: -2376.857 $\pm$ 256.642 χ^2 /NDF: 74.4/78

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1837.663 $\pm$ 0.307 χ^2 /NDF: 461040.0/23

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

Left In: 1820.511 $\pm$ 0.312 χ^2 /NDF: 533794.2/21

Left: 1829.223 $\pm$ 0.219 χ^2 /NDF: 996370.1/45

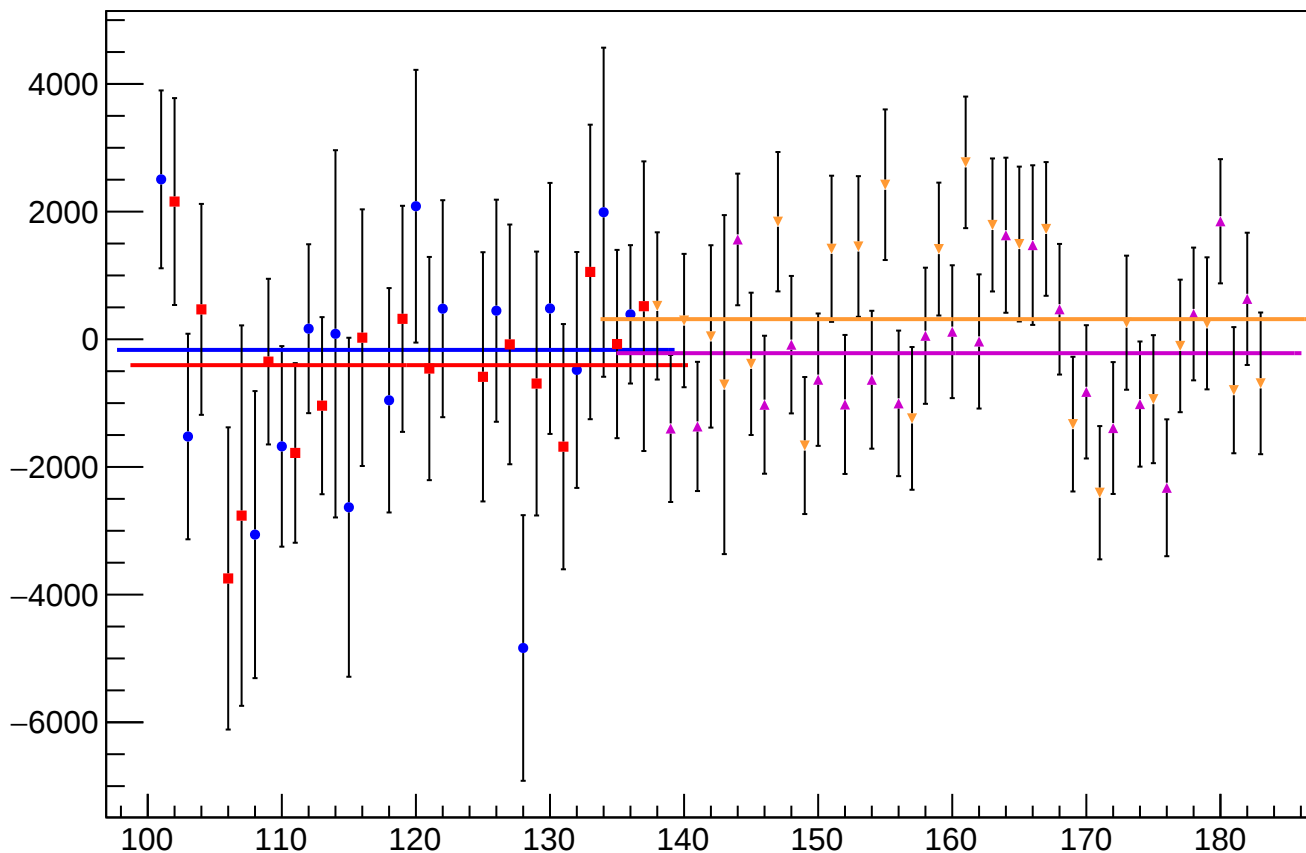
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1769.760 $\pm$ 0.258 χ^2 /NDF: 796484.7/37

Out: 1796.497 $\pm$ 0.256 χ^2 /NDF: 690581.7/40

All: 1783.245 $\pm$ 0.181 χ^2 /NDF: 1492492.7/78

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 $\pm$ 432.680 χ^2 /NDF: 15.6/15

Left Out: 315.608 $\pm$ 225.244 χ^2 /NDF: 37.7/23

Right Out: -405.286 $\pm$ 428.618 χ^2 /NDF: 7.9/16

Left In: -217.648 $\pm$ 226.752 χ^2 /NDF: 23.7/21

Left: 50.759 $\pm$ 159.802 χ^2 /NDF: 64.2/45

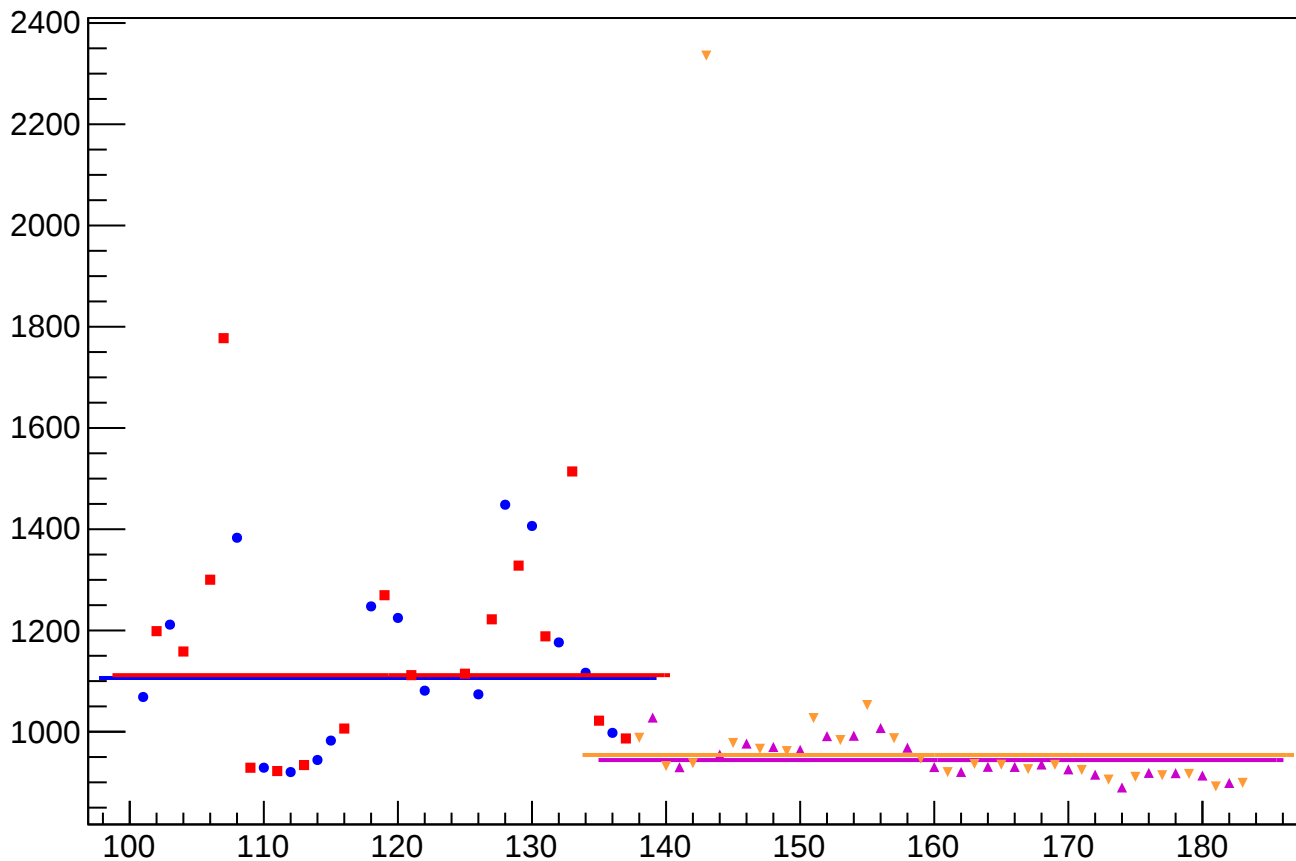
Right: -286.949 $\pm$ 304.505 χ^2 /NDF: 23.7/32

In: -206.597 $\pm$ 200.843 χ^2 /NDF: 39.3/37

Out: 159.606 $\pm$ 199.389 χ^2 /NDF: 47.8/40

All: -22.165 $\pm$ 141.500 χ^2 /NDF: 88.8/78

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 954.083 $\pm$ 0.159 χ^2/NDF : 604284.7/23

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

Left In: 944.011 $\pm$ 0.160 χ^2/NDF : 48296.1/21

Left: 949.081 $\pm$ 0.113 χ^2/NDF : 654567.1/45

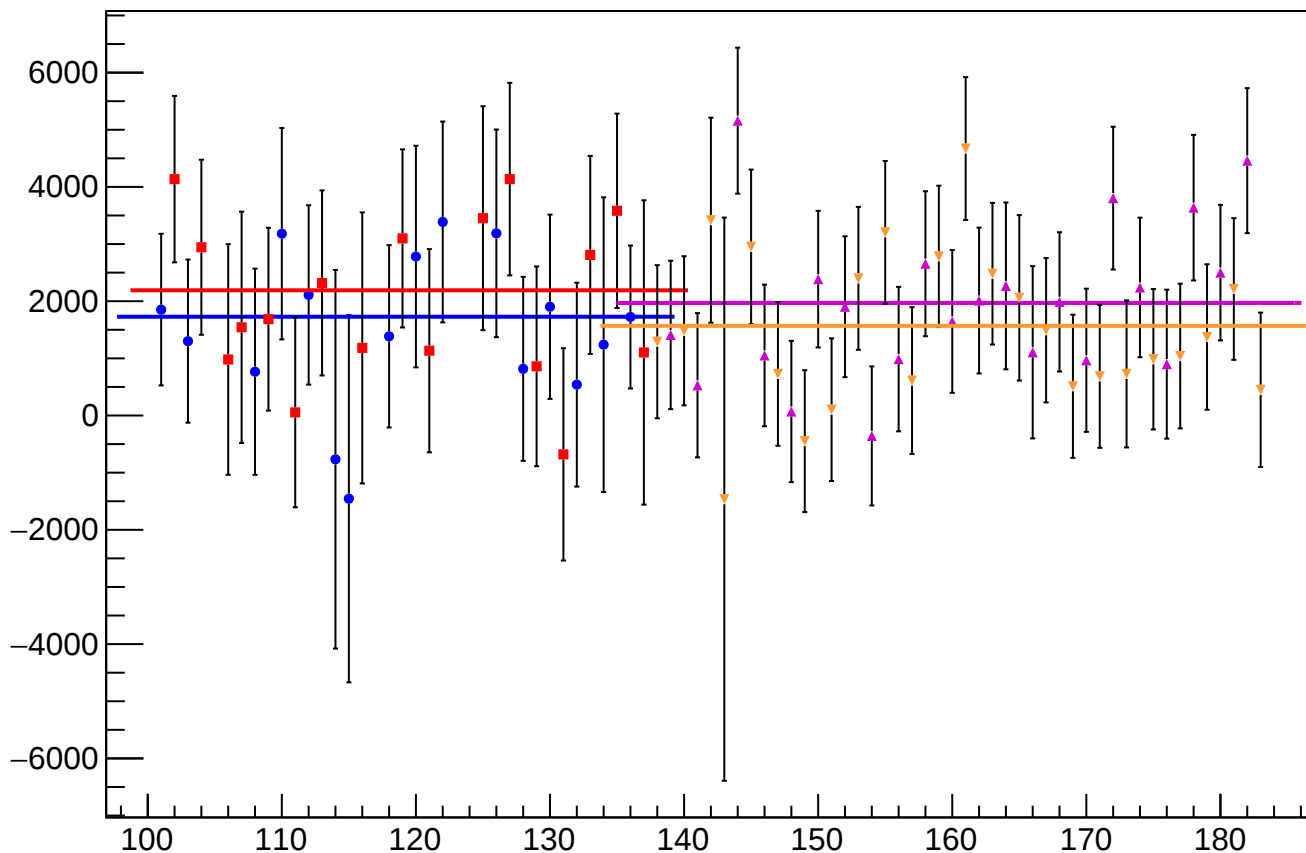
Right: 1108.969 $\pm$ 0.215 χ^2/NDF : 616473.4/32

In: 978.949 $\pm$ 0.142 χ^2/NDF : 528572.4/37

Out: 988.197 $\pm$ 0.141 χ^2/NDF : 1172669.9/40

All: 983.607 $\pm$ 0.100 χ^2/NDF : 1703378.3/78

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1568.927 $\pm$ 268.370 χ^2/NDF : 20.5/23

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

Left In: 1969.405 $\pm$ 269.749 χ^2/NDF : 25.0/21

Left: 1768.140 $\pm$ 190.252 χ^2/NDF : 46.7/45

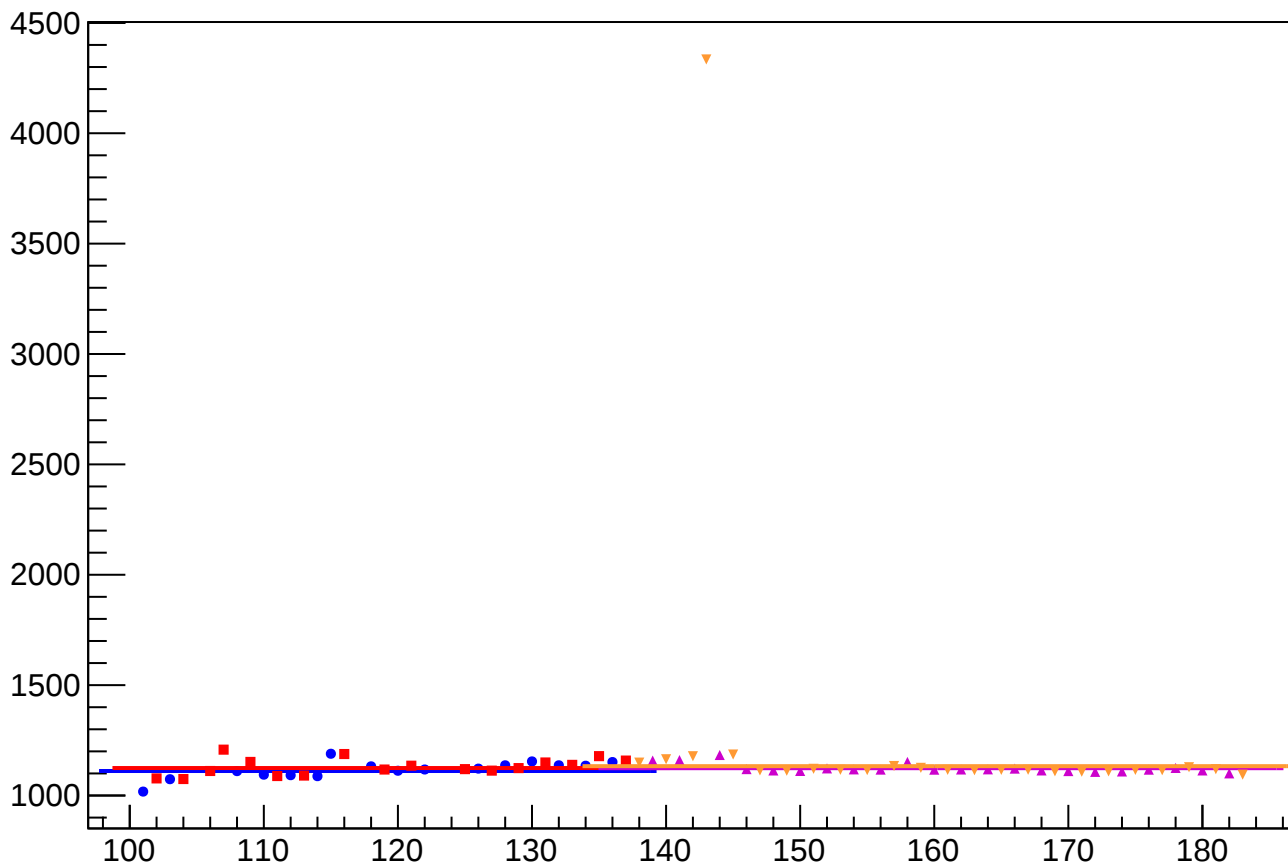
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1901.319 $\pm$ 228.478 χ^2/NDF : 30.6/37

Out: 1744.935 $\pm$ 227.252 χ^2/NDF : 32.8/40

All: 1822.706 $\pm$ 161.123 χ^2/NDF : 63.6/78

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1132.968+/-0.190 χ^2/NDF : 858190.7/23

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

Left In: 1123.781+/-0.191 χ^2/NDF : 10975.7/21

Left: 1128.398+/-0.135 χ^2/NDF : 870332.3/45

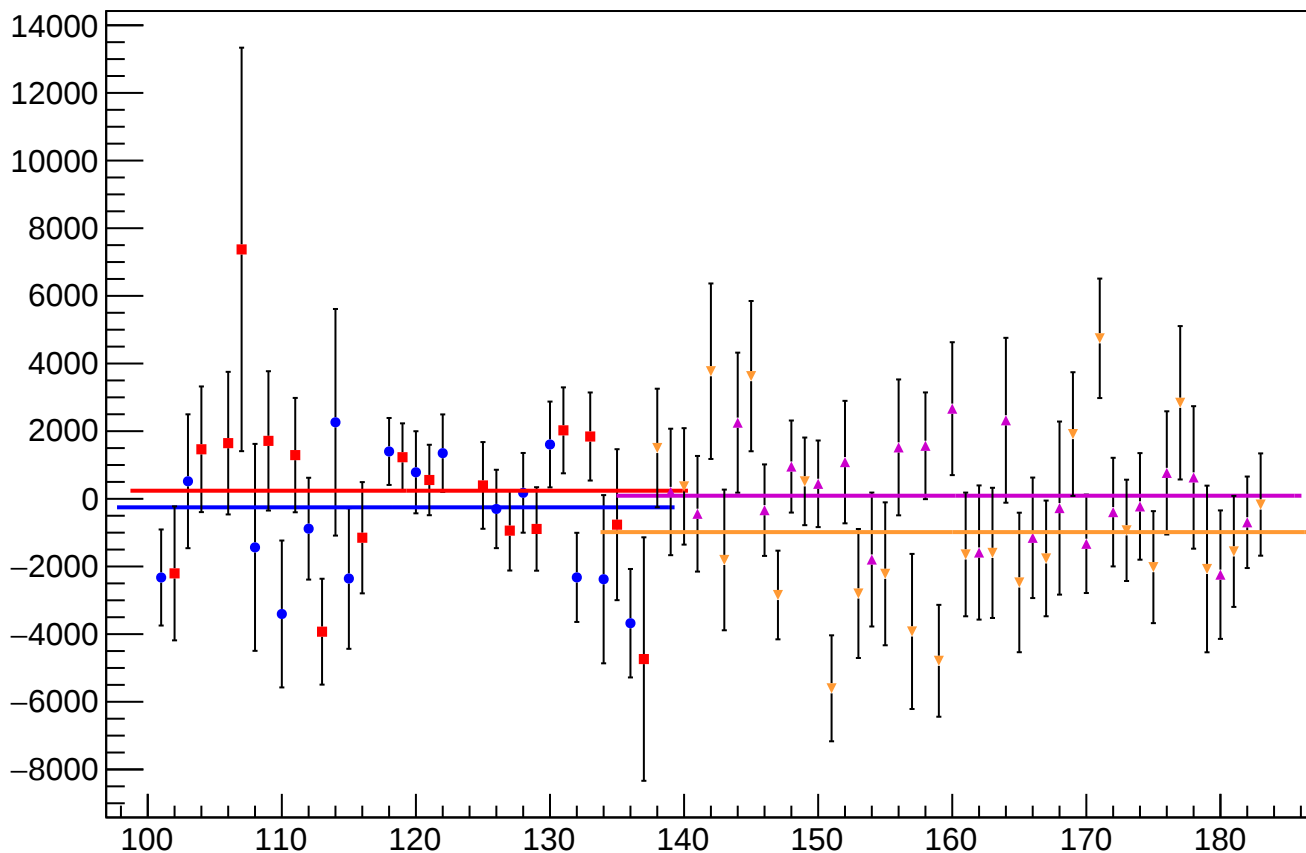
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1120.181+/-0.162 χ^2/NDF : 30327.2/37

Out: 1130.576+/-0.161 χ^2/NDF : 873352.9/40

All: 1125.406+/-0.114 χ^2/NDF : 905761.1/78

asym_usl_correction_mean vs Slug, Sign Corrected



Right In: -251.327+/-364.951 χ^2/NDF : 21.8/15

Left Out: -983.830+/-361.996 χ^2/NDF : 48.5/23

Right Out: 239.863+/-363.842 χ^2/NDF : 21.1/16

Left In: 91.920+/-364.369 χ^2/NDF : 11.3/21

Left: -449.470+/-256.805 χ^2/NDF : 64.2/45

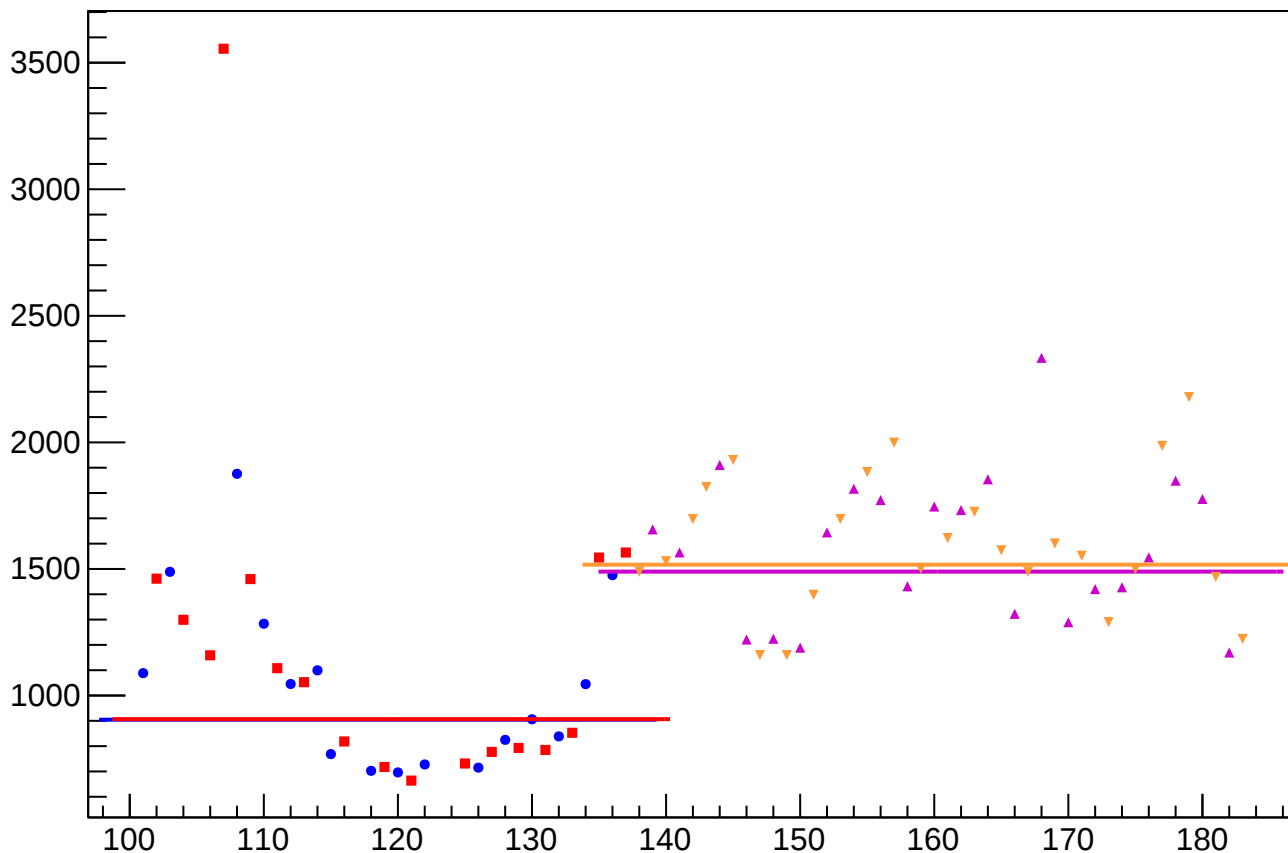
Right: -4.984+/-257.666 χ^2/NDF : 43.8/32

In: -79.430+/-257.853 χ^2/NDF : 33.5/37

Out: -375.096+/-256.620 χ^2/NDF : 75.3/40

All: -227.972+/-181.892 χ^2/NDF : 109.5/78

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1516.956+/-0.256 χ^2/NDF : 992209.9/23

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

Left In: 1489.457+/-0.258 χ^2/NDF : 1085497.3/21

Left: 1503.297+/-0.182 χ^2/NDF : 2083440.0/45

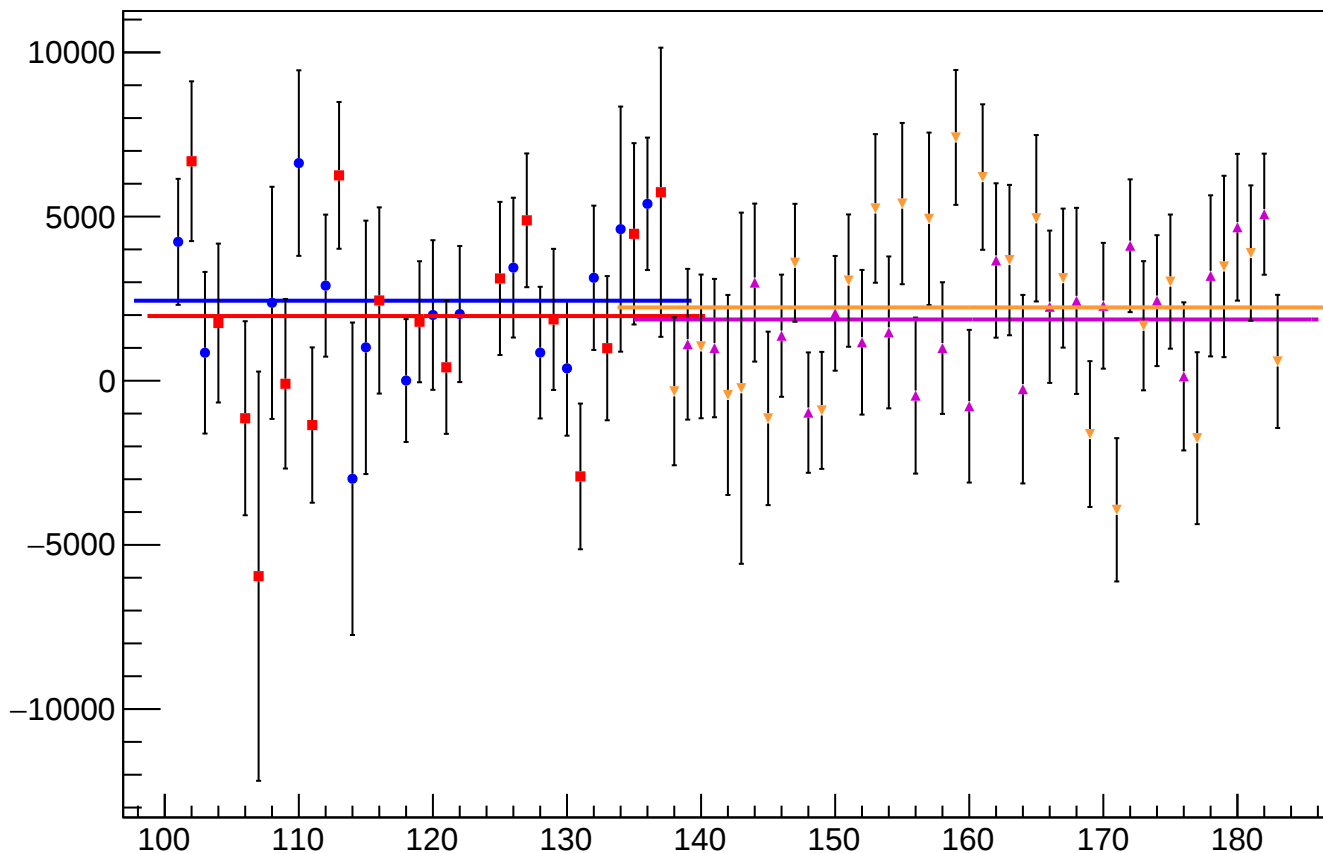
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1197.439+/-0.182 χ^2/NDF : 4679885.4/37

Out: 1213.328+/-0.181 χ^2/NDF : 5196768.2/40

All: 1205.422+/-0.129 χ^2/NDF : 9880468.4/78

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2233.512 $\pm$ 459.045 χ^2 /NDF:38.9/23

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

Left In: 1865.658 $\pm$ 459.157 χ^2 /NDF:13.6/21

Left: 2049.630 $\pm$ 324.633 χ^2 /NDF: 52.8/45

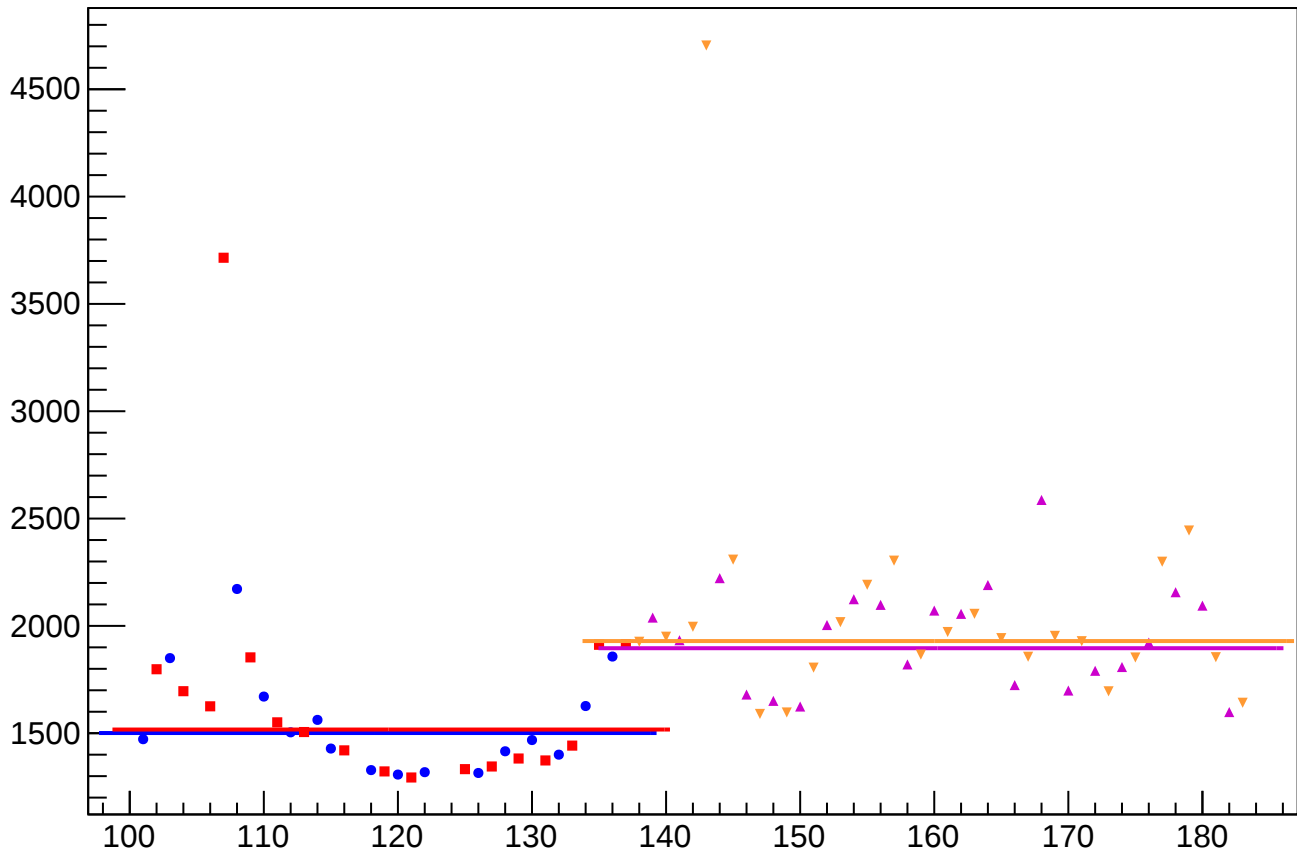
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 2083.083 $\pm$ 361.478 χ^2 /NDF:25.3/37

Out: 2133.612 $\pm$ 361.525 χ^2 /NDF:61.3/40

All: 2108.344 $\pm$ 255.620 χ^2 /NDF: 86.6/78

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.830 +/- 0.415 χ^2/NDF : 256227.7/15

Left Out: 1929.281 +/- 0.325 χ^2/NDF : 990624.2/23

Right Out: 1517.120 +/- 0.415 χ^2/NDF : 475046.3/16

Left In: 1895.974 +/- 0.325 χ^2/NDF : 490306.7/21

Left: 1912.632 +/- 0.230 χ^2/NDF : 1486194.0/45

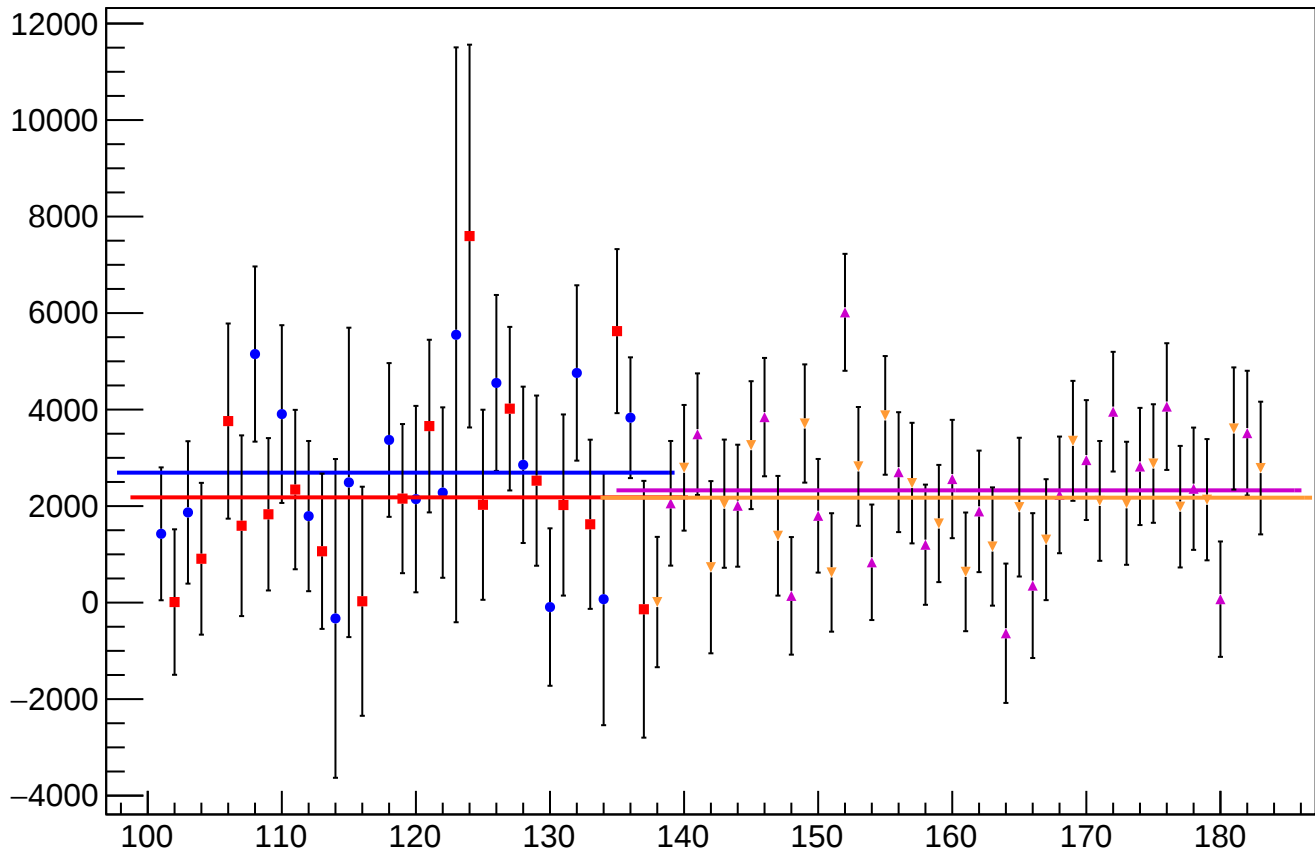
Right: 1508.969 +/- 0.293 χ^2/NDF : 732045.6/32

In: 1745.735 +/- 0.256 χ^2/NDF : 1309714.6/37

Out: 1772.762 +/- 0.256 χ^2/NDF : 2077952.8/40

All: 1759.247 +/- 0.181 χ^2/NDF : 3393256.9/78

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2174.275 $\pm$ 261.296 χ^2/NDF : 15.6/23

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

Left In: 2326.382 $\pm$ 267.569 χ^2/NDF : 32.0/21

Left: 2248.525 $\pm$ 186.943 χ^2/NDF : 47.8/45

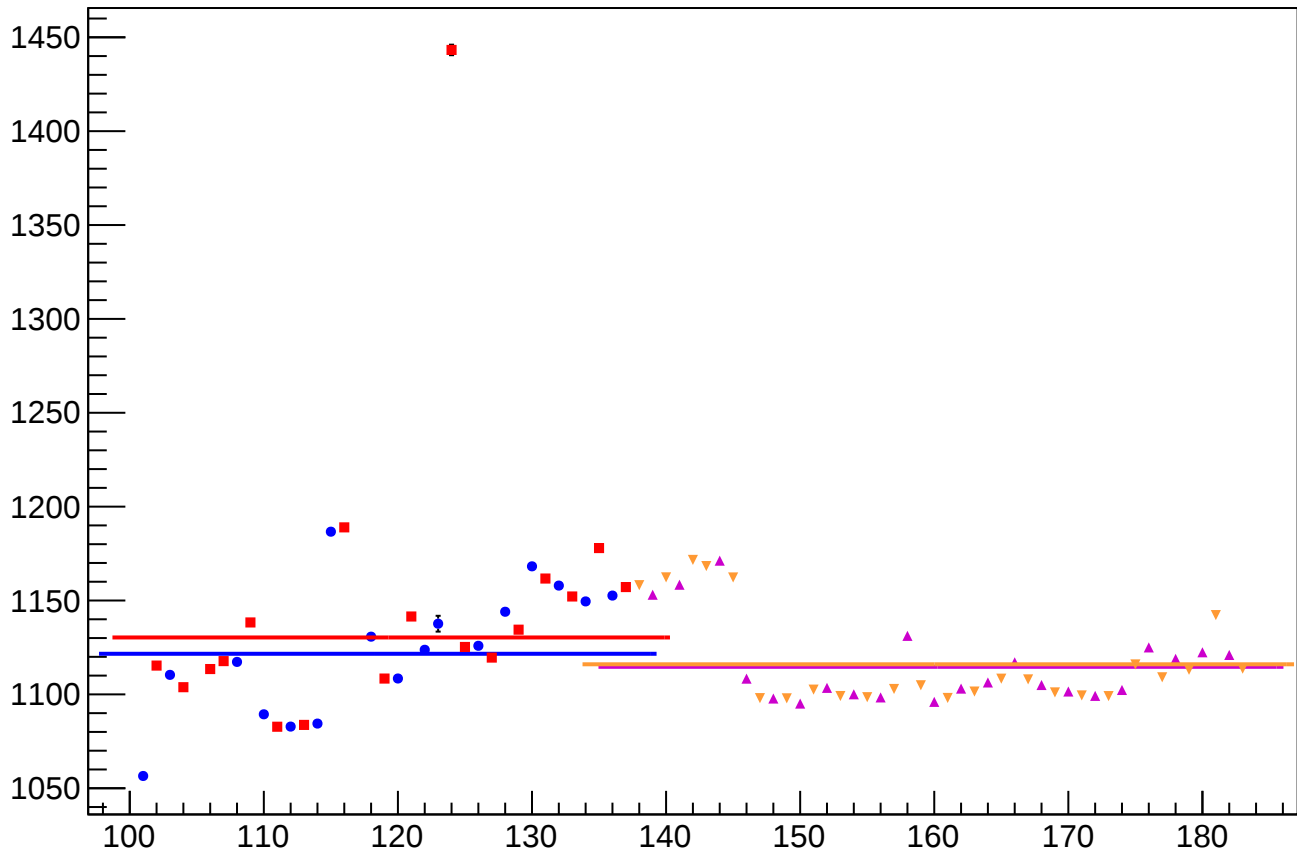
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2427.821 $\pm$ 227.561 χ^2/NDF : 44.8/38

Out: 2176.111 $\pm$ 222.656 χ^2/NDF : 29.2/41

All: 2299.224 $\pm$ 159.148 χ^2/NDF : 74.6/80

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1116.026 $\pm$ 0.185 χ^2 /NDF:17011.8/23

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

Left In: 1114.690 $\pm$ 0.189 χ^2 /NDF:12185.0/21

Left: 1115.374 $\pm$ 0.132 χ^2 /NDF: 29222.3/45

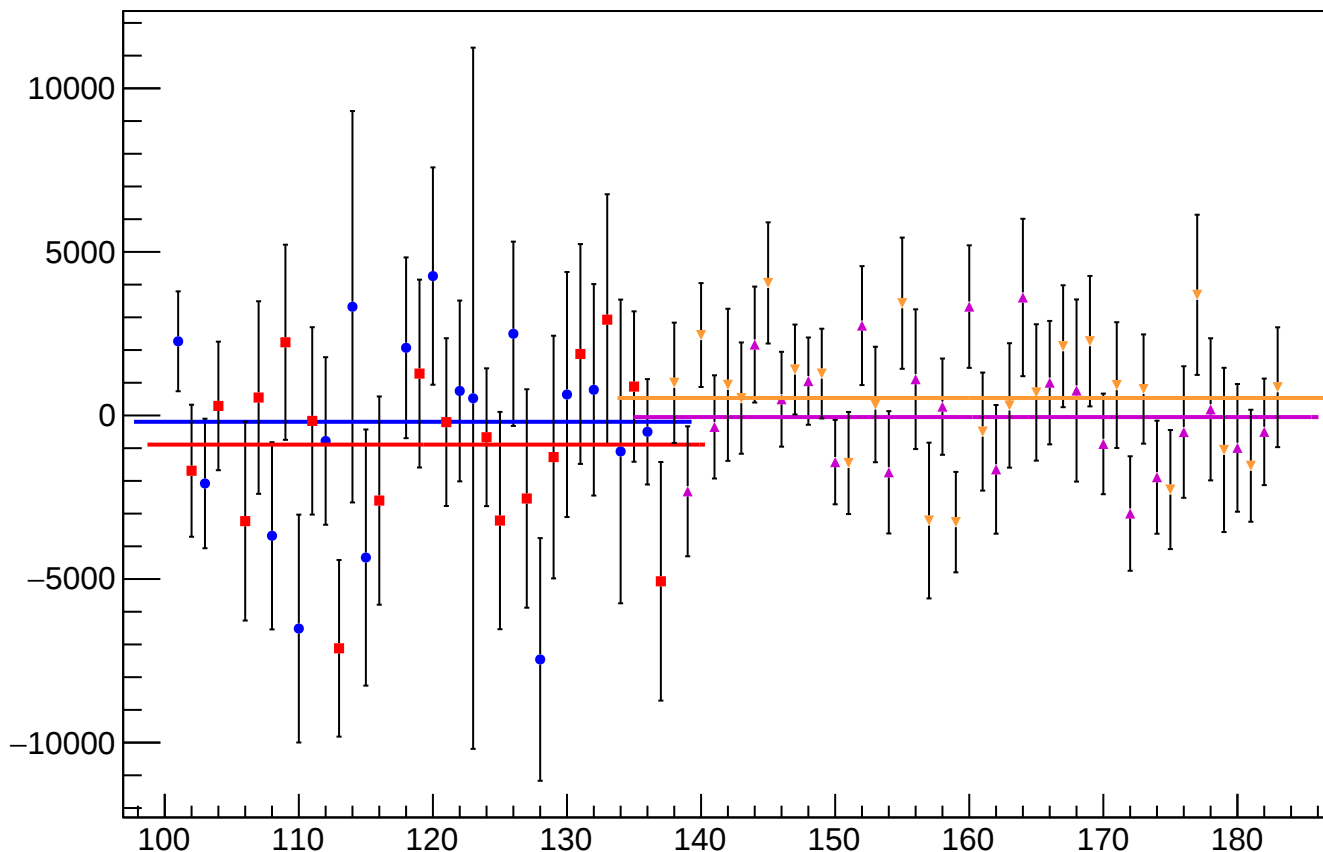
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.609 $\pm$ 0.161 χ^2 /NDF:24537.2/38

Out: 1119.940 $\pm$ 0.157 χ^2 /NDF:39926.2/41

All: 1118.311 $\pm$ 0.113 χ^2 /NDF: 64682.3/80

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 535.202+/-367.440 χ^2/NDF : 26.0/23

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

Left In: -49.070+/-372.895 χ^2/NDF : 19.6/21

Left: 247.371+/-261.727 χ^2/NDF : 46.9/45

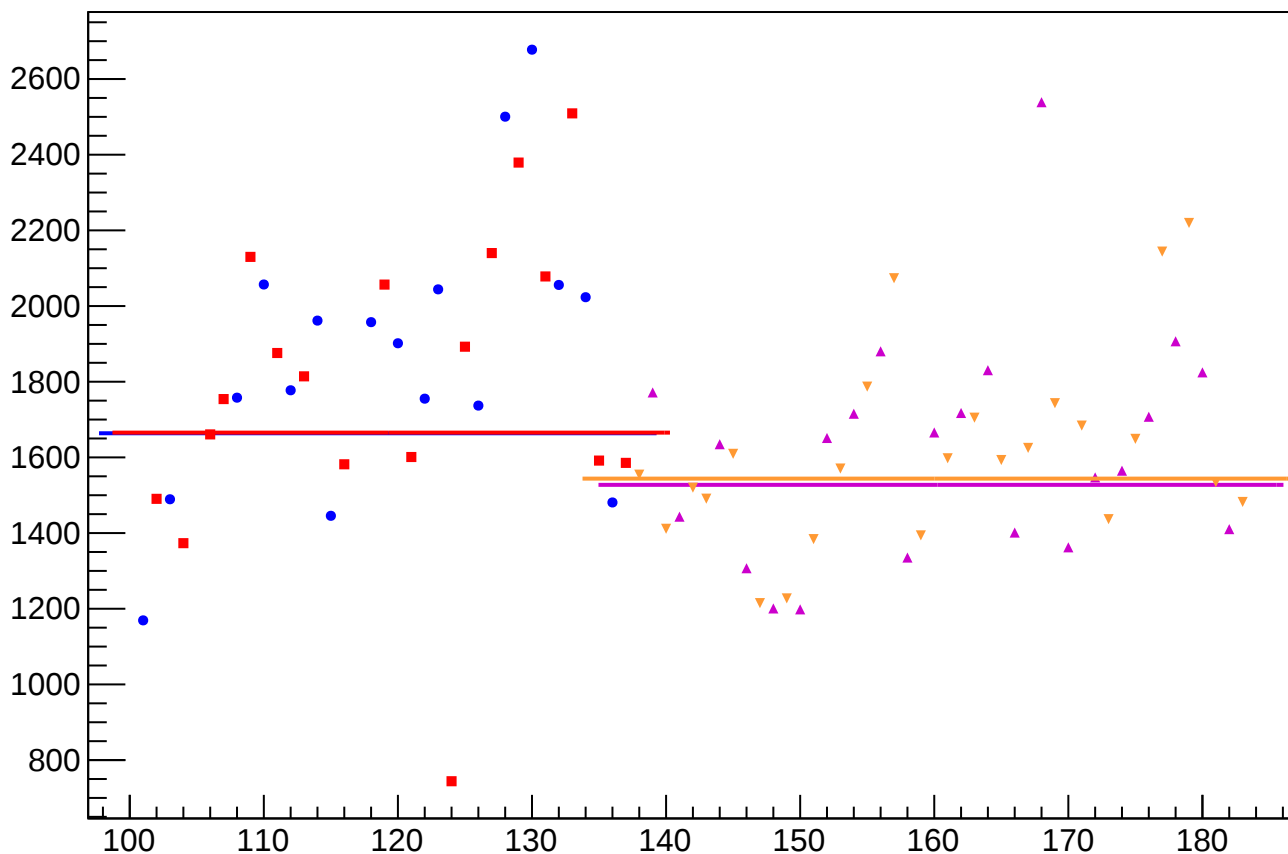
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: -83.949+/-324.703 χ^2/NDF : 37.0/38

Out: 189.326+/-319.799 χ^2/NDF : 42.7/41

All: 54.768+/-227.846 χ^2/NDF : 80.1/80

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1543.907+/-0.260 χ^2/NDF : 742838.3/23

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

Left In: 1527.435+/-0.264 χ^2/NDF : 949929.5/21

Left: 1535.792+/-0.185 χ^2/NDF : 1694747.7/45

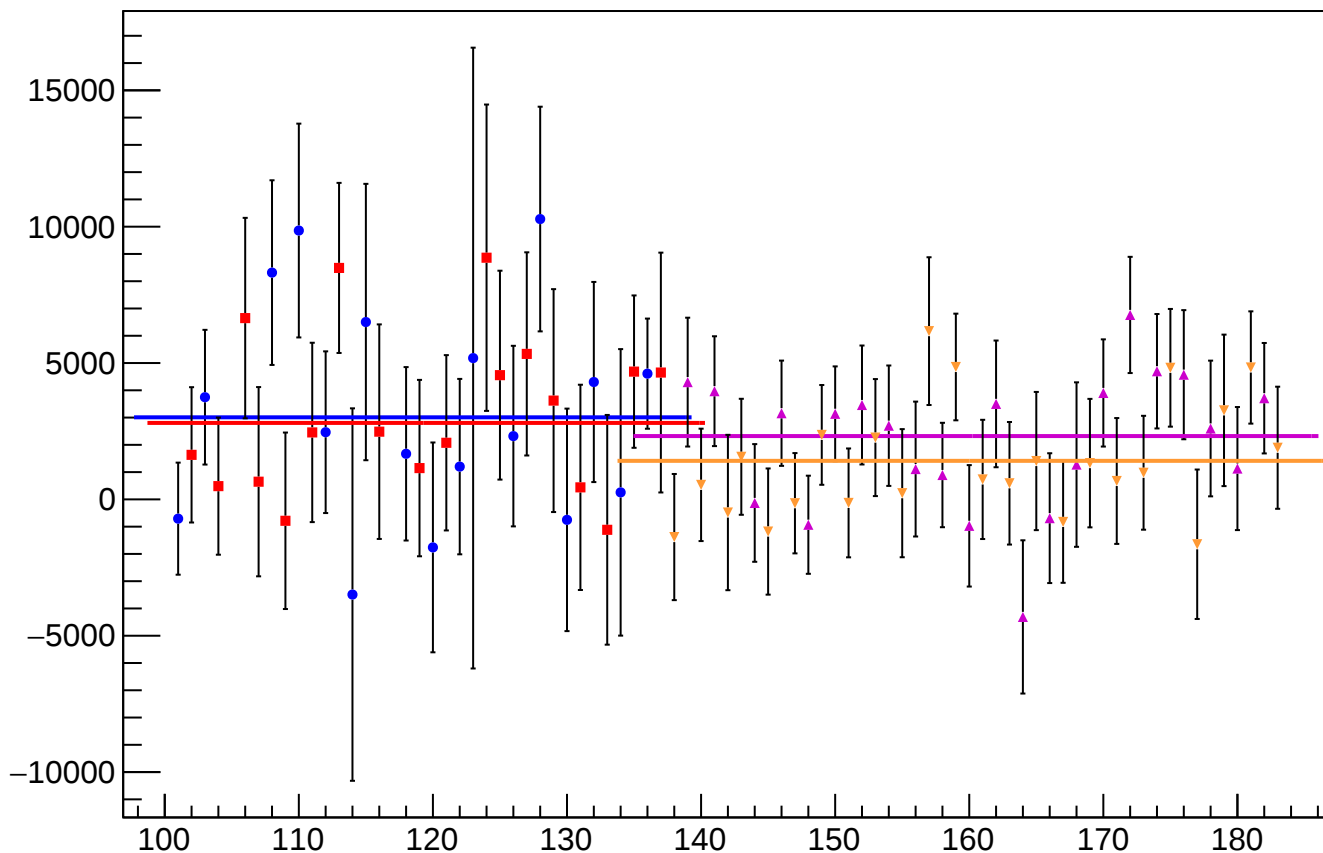
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1560.400+/-0.230 χ^2/NDF : 1637052.6/38

Out: 1573.386+/-0.226 χ^2/NDF : 1598713.1/41

All: 1566.992+/-0.161 χ^2/NDF : 3237389.4/80

asym_usr_mean vs Slug, Sign Corrected



Right In: 3009.190 $\pm$ 799.647 χ^2/NDF : 17.4/16

Left Out: 1413.234 $\pm$ 453.181 χ^2/NDF : 19.9/23

Right Out: 2803.971 $\pm$ 799.589 χ^2/NDF : 11.2/17

Left In: 2321.891 $\pm$ 461.907 χ^2/NDF : 25.1/21

Left: 1858.898 $\pm$ 323.488 χ^2/NDF : 47.0/45

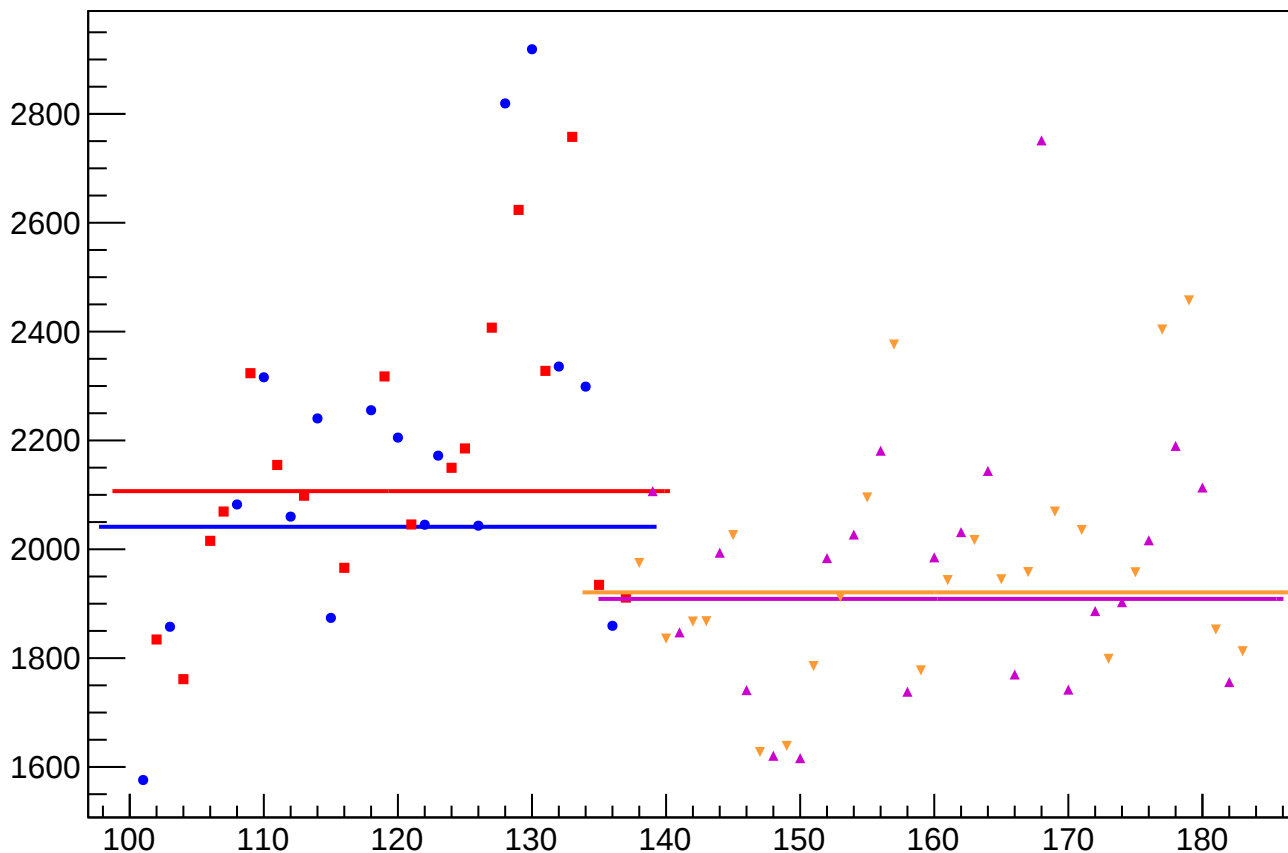
Right: 2906.573 $\pm$ 565.416 χ^2/NDF : 28.6/34

In: 2493.844 $\pm$ 399.974 χ^2/NDF : 43.0/38

Out: 1751.359 $\pm$ 394.260 χ^2/NDF : 33.4/41

All: 2117.261 $\pm$ 280.782 χ^2/NDF : 78.2/80

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1920.837 $\pm$ 0.320 χ^2 /NDF:365165.2/23

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

Left In: 1908.831 $\pm$ 0.327 χ^2 /NDF:447261.8/21

Left: 1914.949 $\pm$ 0.229 χ^2 /NDF: 813115.5/45

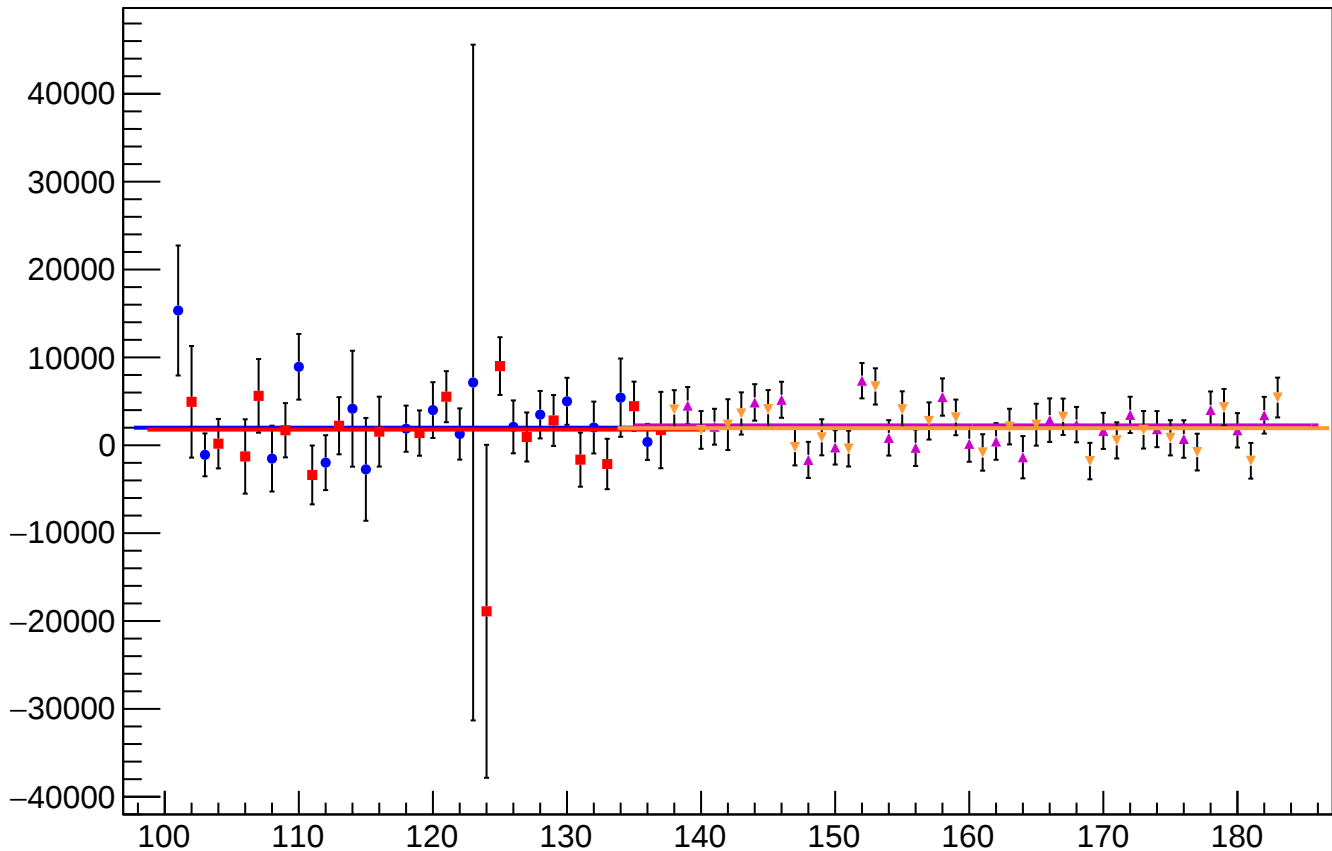
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1941.985 $\pm$ 0.283 χ^2 /NDF:826882.9/38

Out: 1966.061 $\pm$ 0.279 χ^2 /NDF:643804.2/41

All: 1954.196 $\pm$ 0.199 χ^2 /NDF: 1474362.2/80

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1942.877 $\pm$ 434.504 χ^2/NDF : 26.9/23

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

Left In: 2259.825 $\pm$ 443.810 χ^2/NDF : 27.0/21

Left: 2097.993 $\pm$ 310.479 χ^2/NDF : 54.2/45

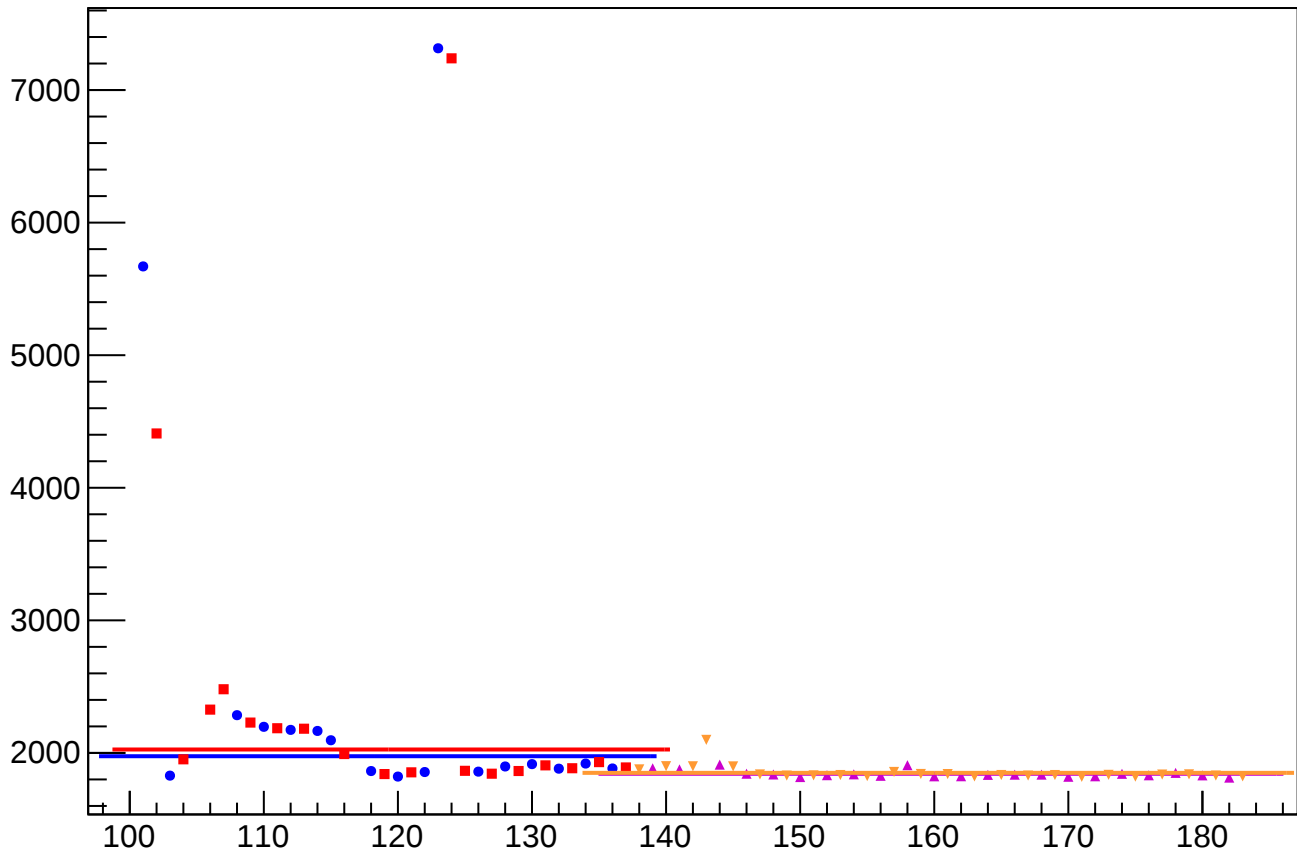
Right: 1890.892 $\pm$ 552.762 χ^2/NDF : 31.1/34

In: 2196.453 $\pm$ 385.935 χ^2/NDF : 41.9/38

Out: 1904.873 $\pm$ 379.794 χ^2/NDF : 43.2/41

All: 2048.325 $\pm$ 270.700 χ^2/NDF : 85.4/80

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1849.673+/-0.307 χ^2/NDF : 27681.0/23

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

Left In: 1842.656+/-0.314 χ^2/NDF : 7180.2/21

Left: 1846.239+/-0.220 χ^2/NDF : 35116.5/45

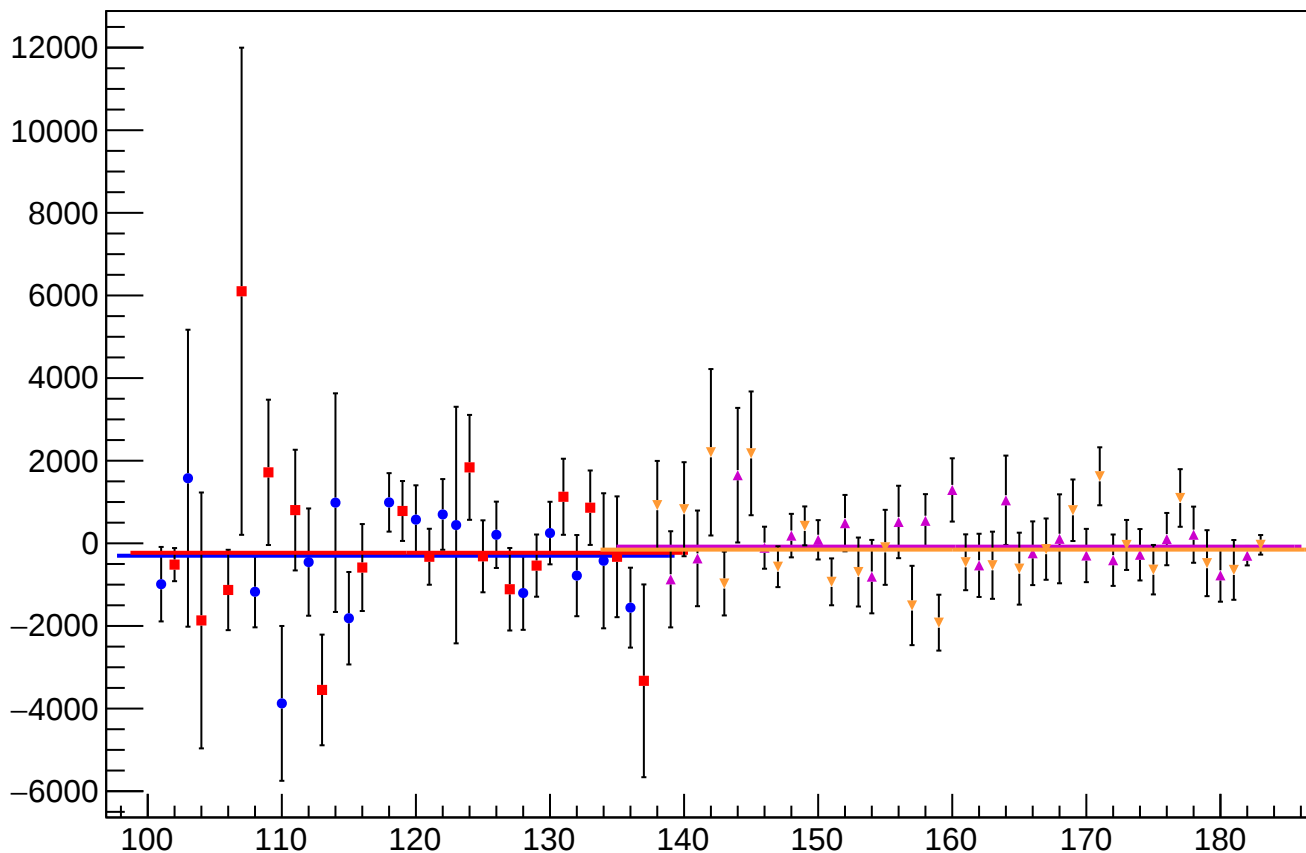
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1874.949+/-0.273 χ^2/NDF : 650443.1/38

Out: 1891.252+/-0.269 χ^2/NDF : 640674.4/41

All: 1883.231+/-0.191 χ^2/NDF : 1292930.4/80

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 ± 246.615 $\chi^2/\text{NDF}: 17.3/16$

Left Out: -152.262 ± 127.897 $\chi^2/\text{NDF}: 33.5/23$

Right Out: -228.794 ± 215.624 $\chi^2/\text{NDF}: 21.8/17$

Left In: -80.171 ± 128.639 $\chi^2/\text{NDF}: 12.3/21$

Left: -116.425 ± 90.698 $\chi^2/\text{NDF}: 46.0/45$

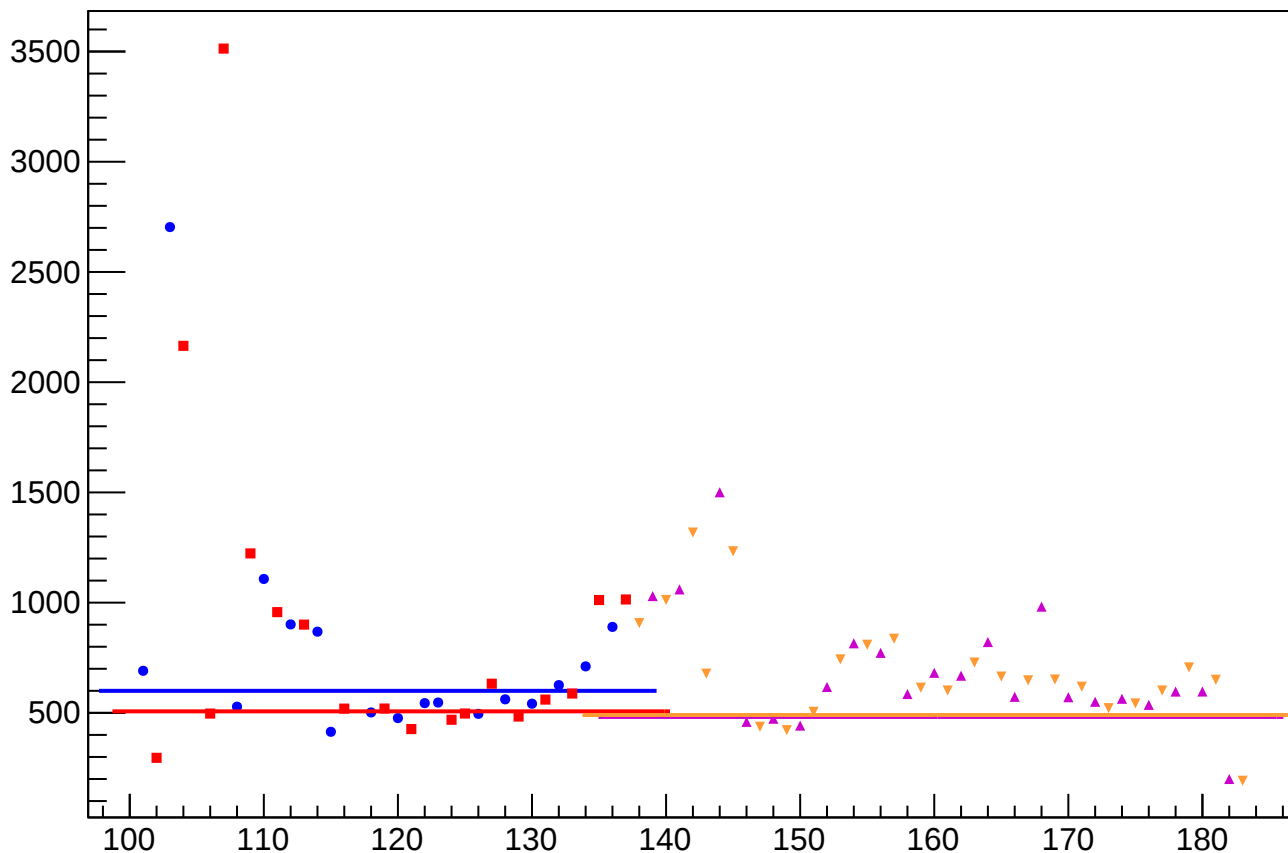
Right: -259.640 ± 162.327 $\chi^2/\text{NDF}: 39.2/34$

In: -127.188 ± 114.055 $\chi^2/\text{NDF}: 30.3/38$

Out: -172.180 ± 110.002 $\chi^2/\text{NDF}: 55.4/41$

All: -150.498 ± 79.177 $\chi^2/\text{NDF}: 85.7/80$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 490.336+/-0.090 χ^2/NDF : 6526566.8/23

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

Left In: 481.561+/-0.091 χ^2/NDF : 6389622.5/21

Left: 485.974+/-0.064 χ^2/NDF : 12920869.5/45

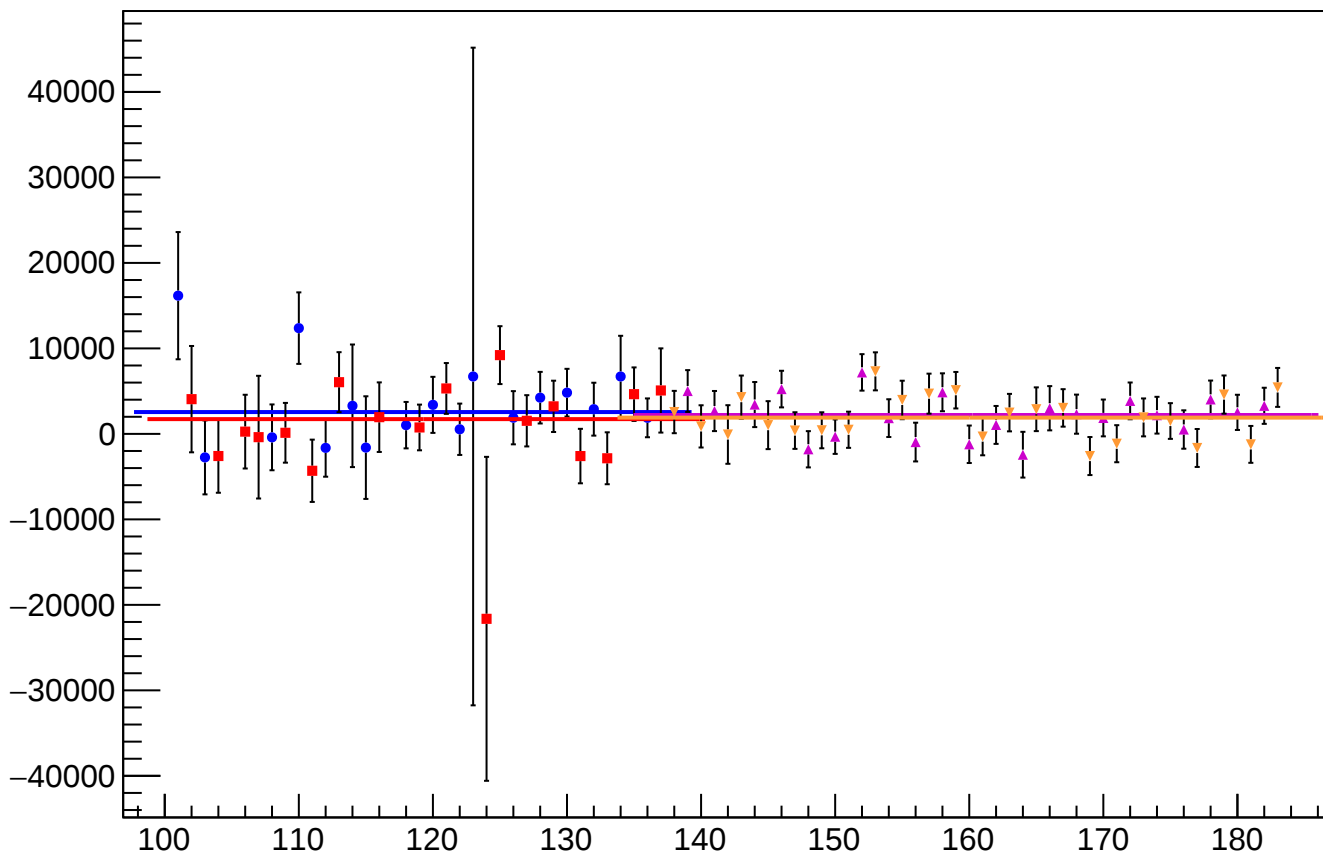
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 506.884+/-0.081 χ^2/NDF : 8133017.7/38

Out: 494.641+/-0.078 χ^2/NDF : 9296135.0/41

All: 500.541+/-0.056 χ^2/NDF : 17441092.3/80

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1902.973 $\pm$ 466.249 χ^2/NDF : 29.6/23

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

Left In: 2205.894 $\pm$ 476.405 χ^2/NDF : 25.6/21

Left: 2051.170 $\pm$ 333.220 χ^2/NDF : 55.4/45

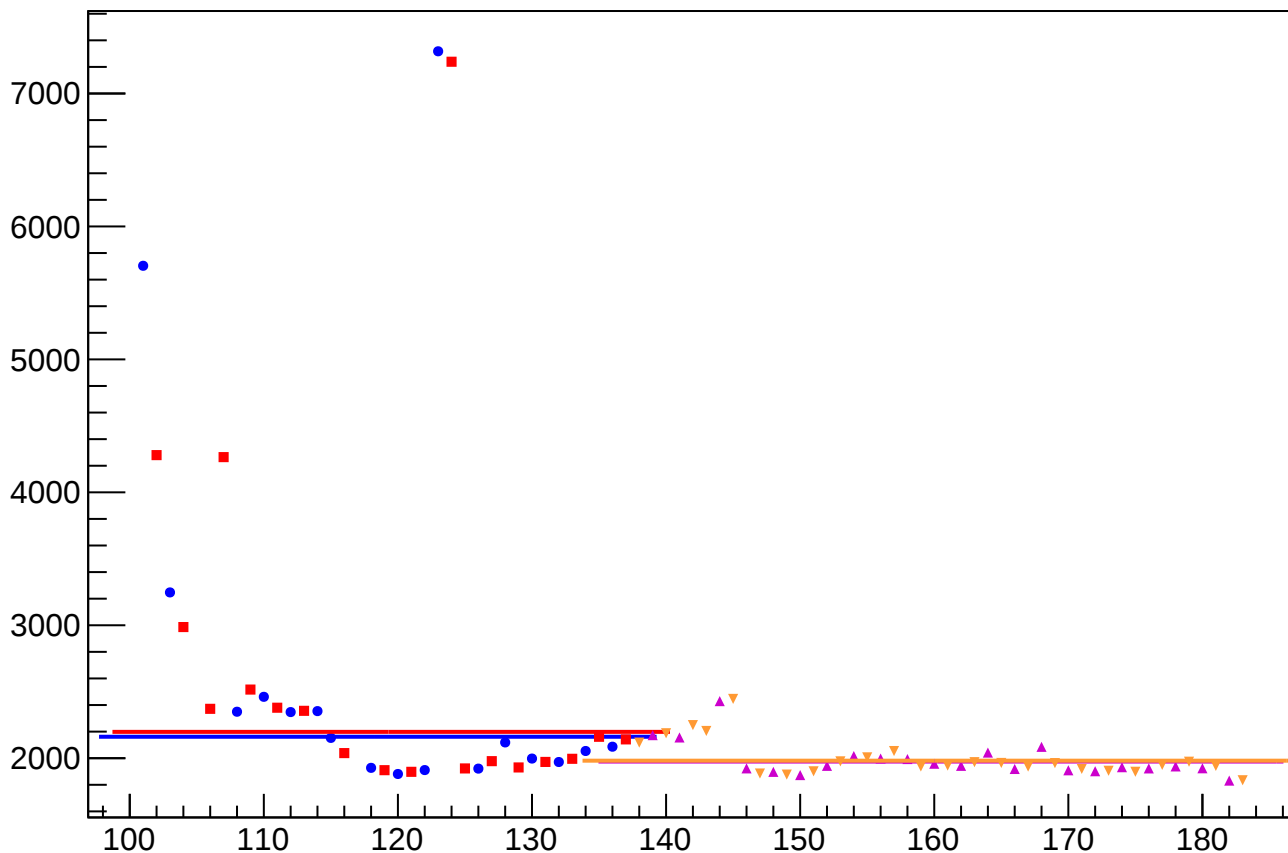
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2287.698 $\pm$ 416.610 χ^2/NDF : 41.4/38

Out: 1862.666 $\pm$ 409.359 χ^2/NDF : 49.2/41

All: 2071.451 $\pm$ 291.990 χ^2/NDF : 91.1/80

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1981.387 $\pm$ 0.330 χ^2 /NDF:135862.2/23

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

Left In: 1974.675 $\pm$ 0.337 χ^2 /NDF:119379.9/21

Left: 1978.103 $\pm$ 0.236 χ^2 /NDF: 255444.8/45

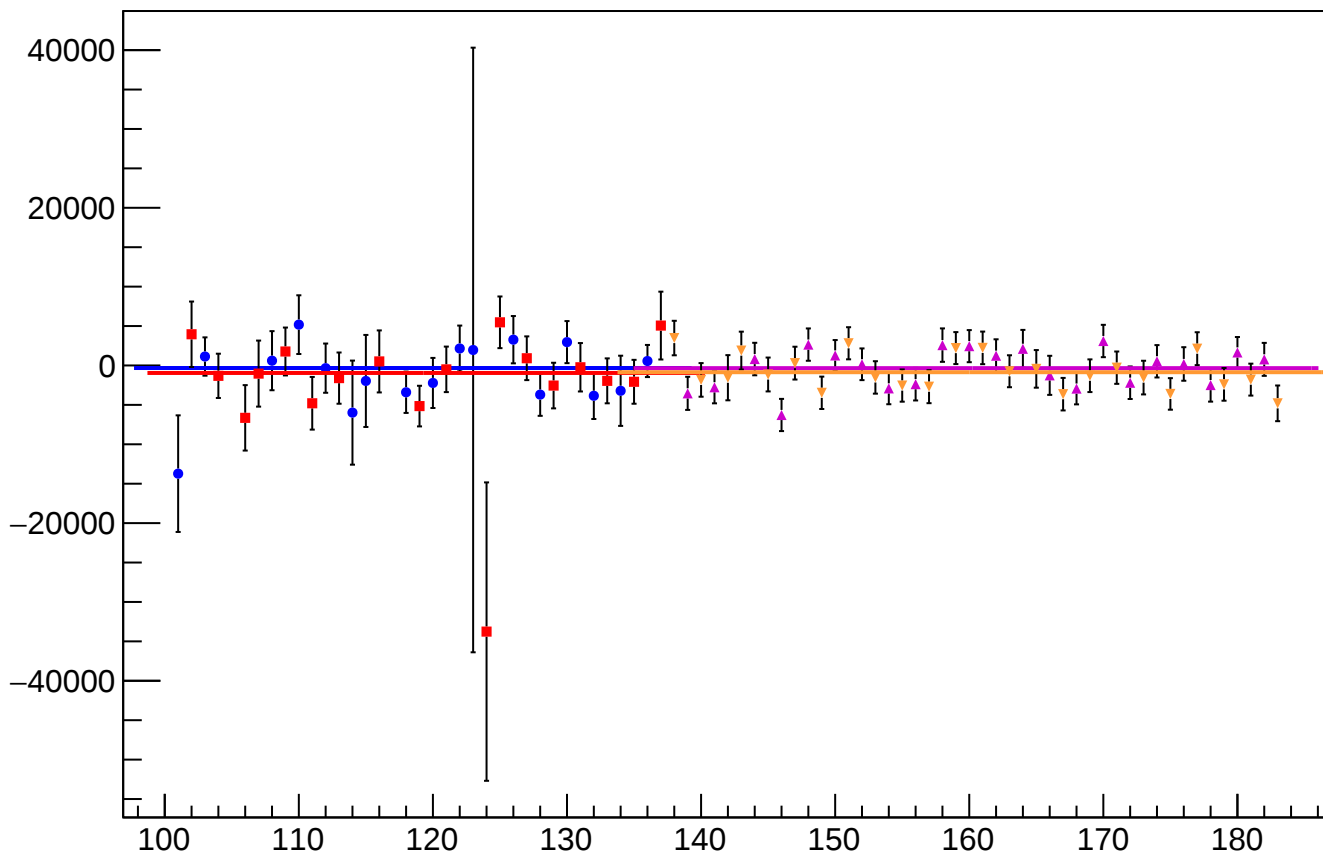
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2018.611 $\pm$ 0.295 χ^2 /NDF:902932.8/38

Out: 2031.066 $\pm$ 0.289 χ^2 /NDF:968825.3/41

All: 2024.947 $\pm$ 0.206 χ^2 /NDF: 1872667.6/80

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -855.232+/-433.358 χ^2/NDF : 26.6/23

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

Left In: -341.681+/-442.885 χ^2/NDF : 31.4/21

Left: -604.039+/-309.744 χ^2/NDF : 58.7/45

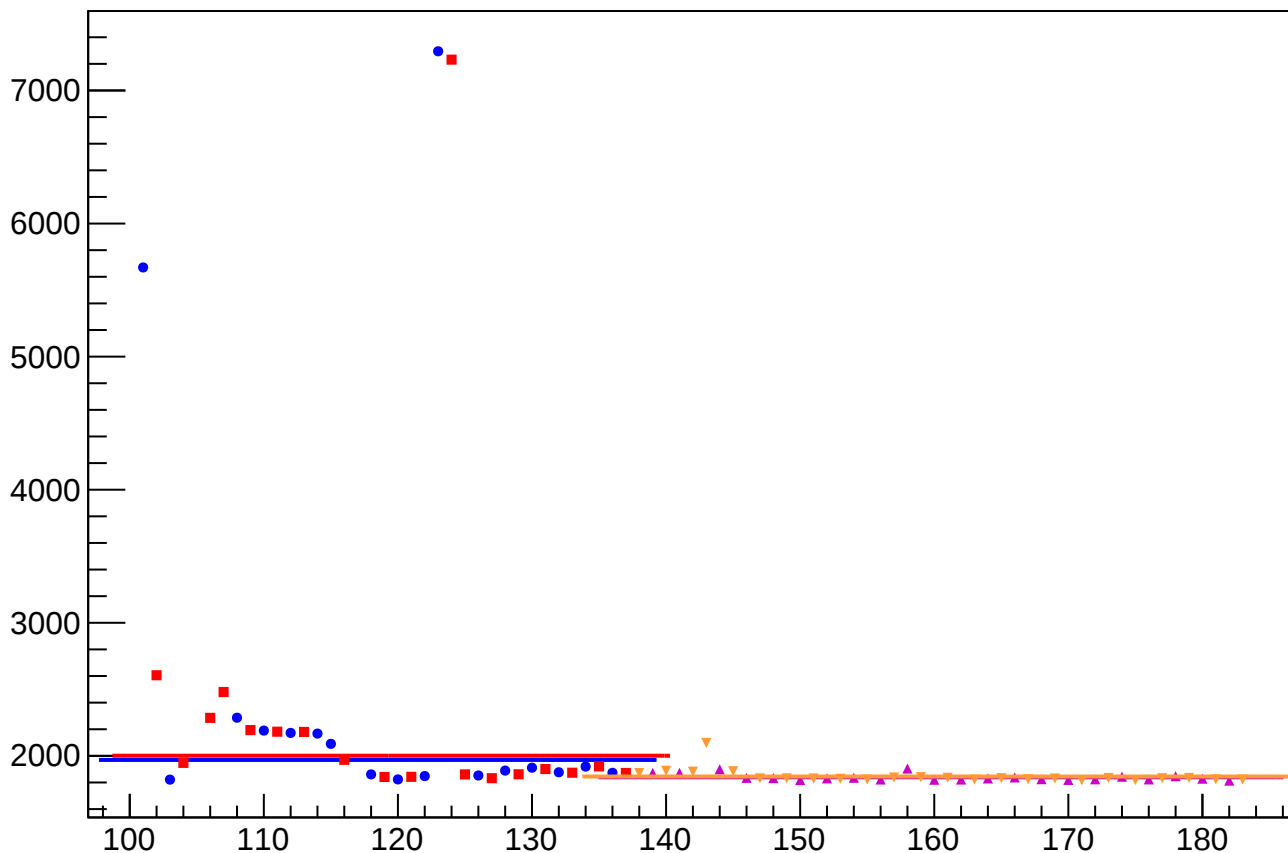
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -337.302+/-385.073 χ^2/NDF : 47.1/38

Out: -878.329+/-377.689 χ^2/NDF : 44.8/41

All: -613.052+/-269.639 χ^2/NDF : 92.9/80

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1844.859+/-0.306 χ^2/NDF : 26834.6/23

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

Left In: 1838.854+/-0.313 χ^2/NDF : 6267.6/21

Left: 1841.922+/-0.219 χ^2/NDF : 33290.0/45

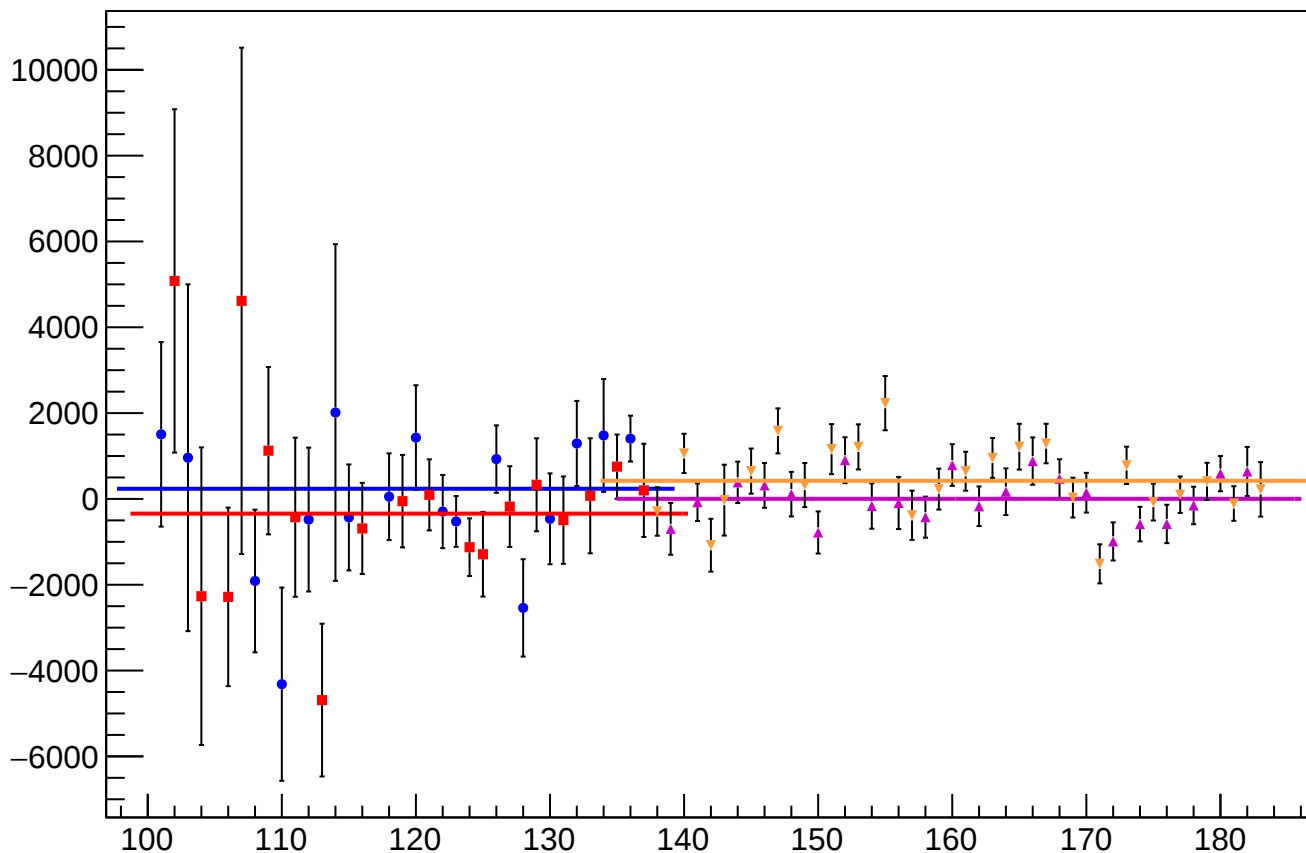
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1870.735+/-0.272 χ^2/NDF : 651544.3/38

Out: 1882.441+/-0.267 χ^2/NDF : 380023.4/41

All: 1876.701+/-0.191 χ^2/NDF : 1032509.7/80

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 422.372 $\pm$ 101.569 χ^2/NDF : 59.7/23

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

Left In: 1.769 $\pm$ 103.440 χ^2/NDF : 27.5/21

Left: 215.909 $\pm$ 72.473 χ^2/NDF : 95.6/45

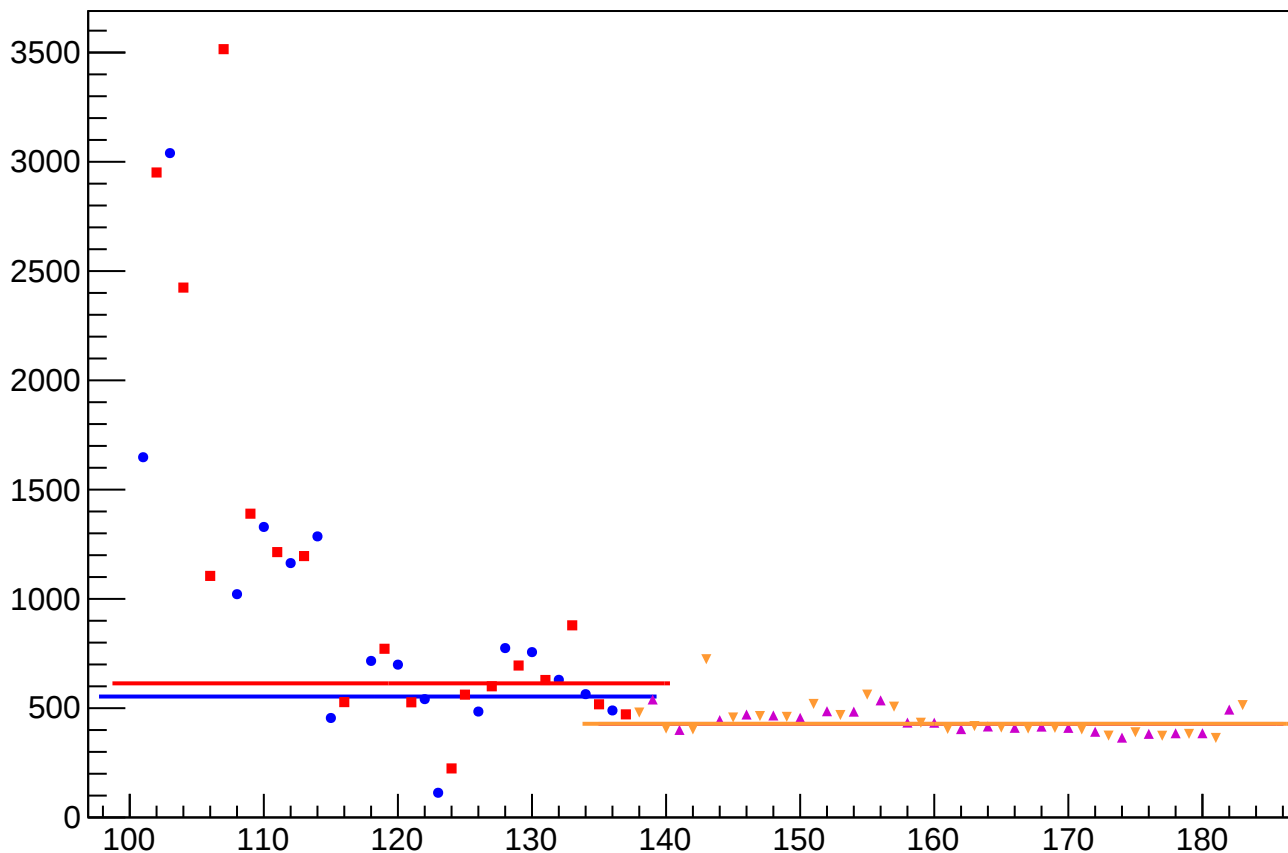
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 36.463 $\pm$ 95.503 χ^2/NDF : 52.2/38

Out: 326.634 $\pm$ 95.003 χ^2/NDF : 82.7/41

All: 182.311 $\pm$ 67.353 χ^2/NDF : 139.5/80

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 428.587 ± 0.072 χ^2/NDF : 704327.0/23

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

Left In: 427.818 ± 0.073 χ^2/NDF : 381084.7/21

Left: 428.209 ± 0.051 χ^2/NDF : 1085467.9/45

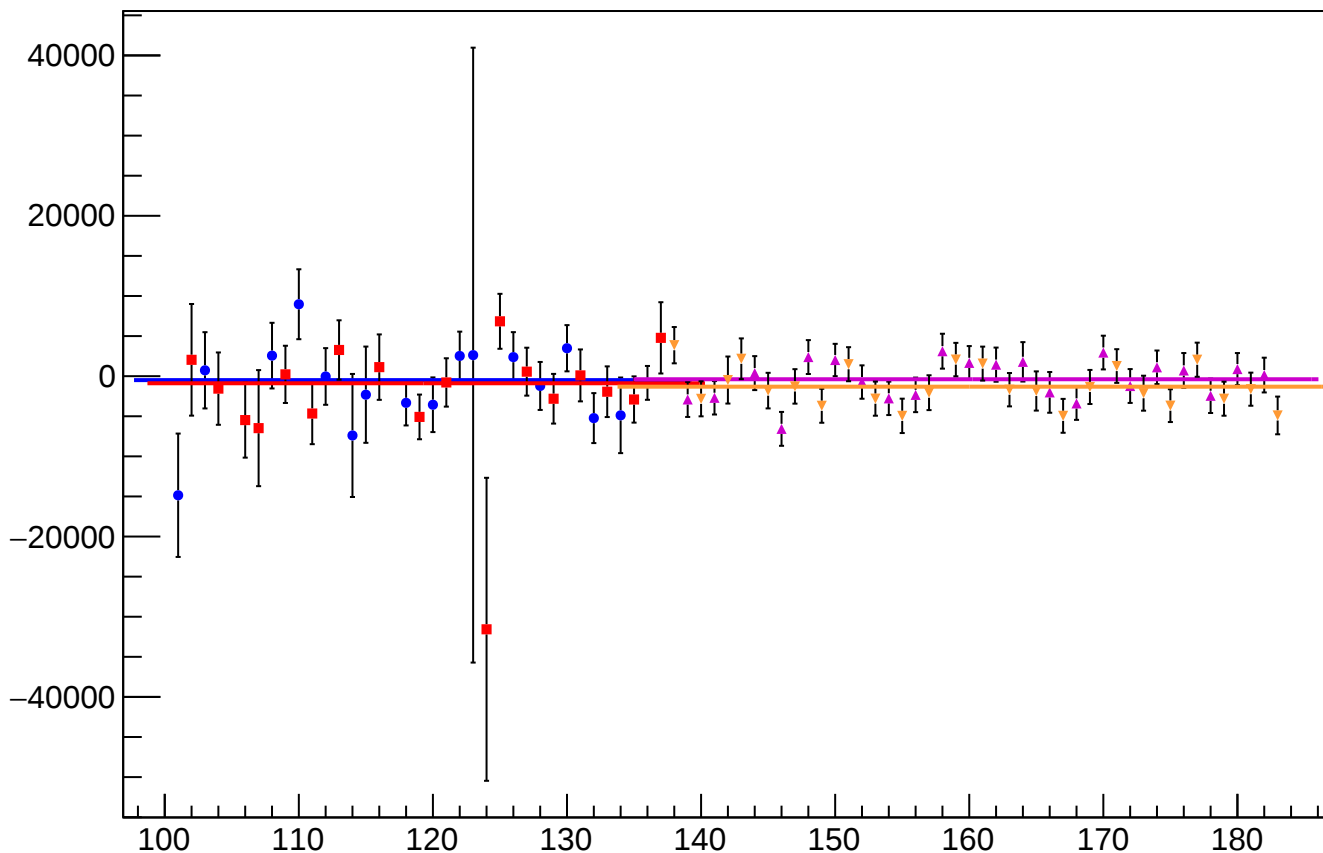
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 446.333 ± 0.068 χ^2/NDF : 4228035.1/38

Out: 451.732 ± 0.067 χ^2/NDF : 5010800.5/41

All: 449.047 ± 0.048 χ^2/NDF : 9242048.5/80

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1310.224 ± 446.152 χ^2/NDF : 30.1/23

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

Left In: -383.197 ± 455.422 χ^2/NDF : 29.0/21

Left: -856.241 ± 318.704 χ^2/NDF : 61.2/45

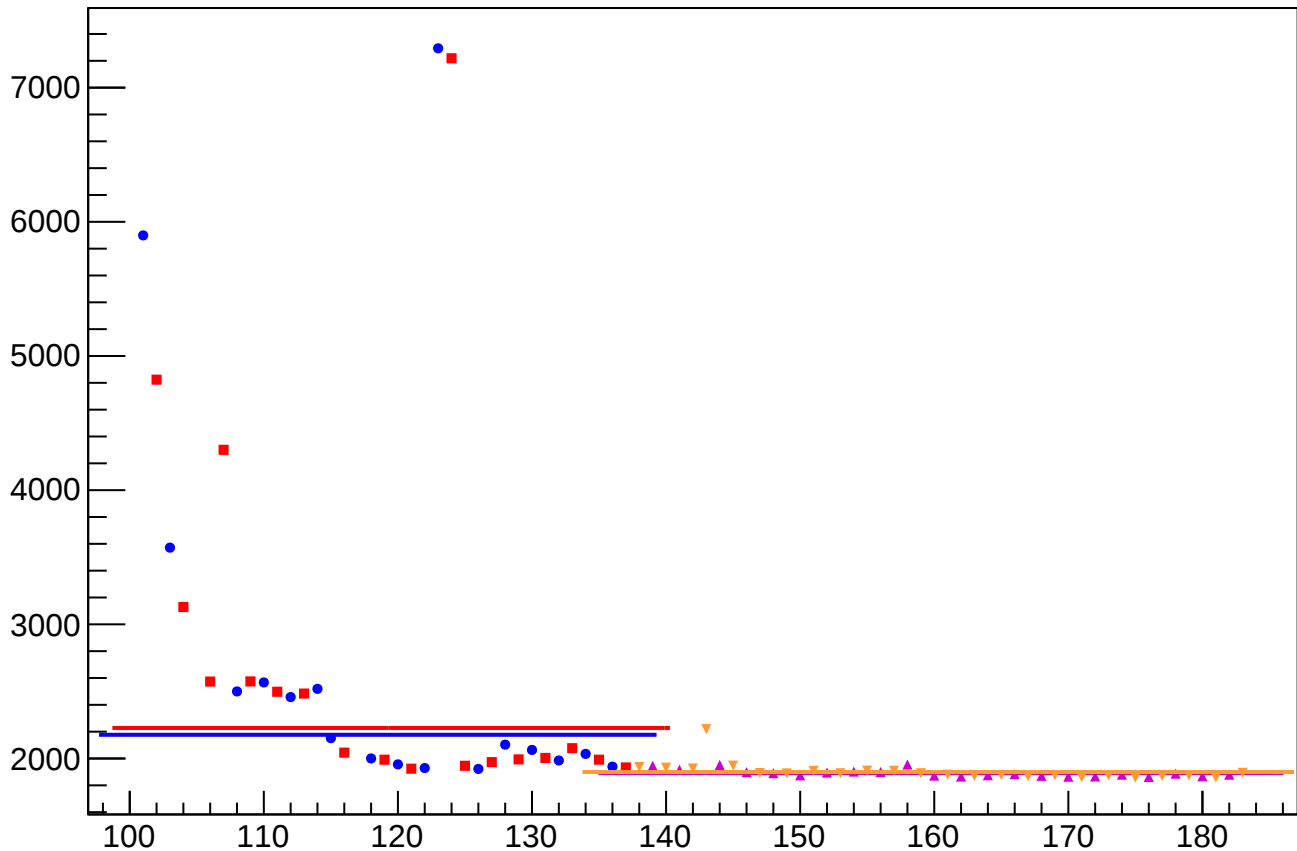
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -406.671 ± 403.282 χ^2/NDF : 47.6/38

Out: -1221.471 ± 396.912 χ^2/NDF : 47.5/41

All: -820.556 ± 282.884 χ^2/NDF : 97.2/80

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1899.197 $\pm$ 0.315 χ^2 /NDF: 38641.6/23

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

Left In: 1891.041 $\pm$ 0.322 χ^2 /NDF: 7283.9/21

Left: 1895.203 $\pm$ 0.225 χ^2 /NDF: 46252.8/45

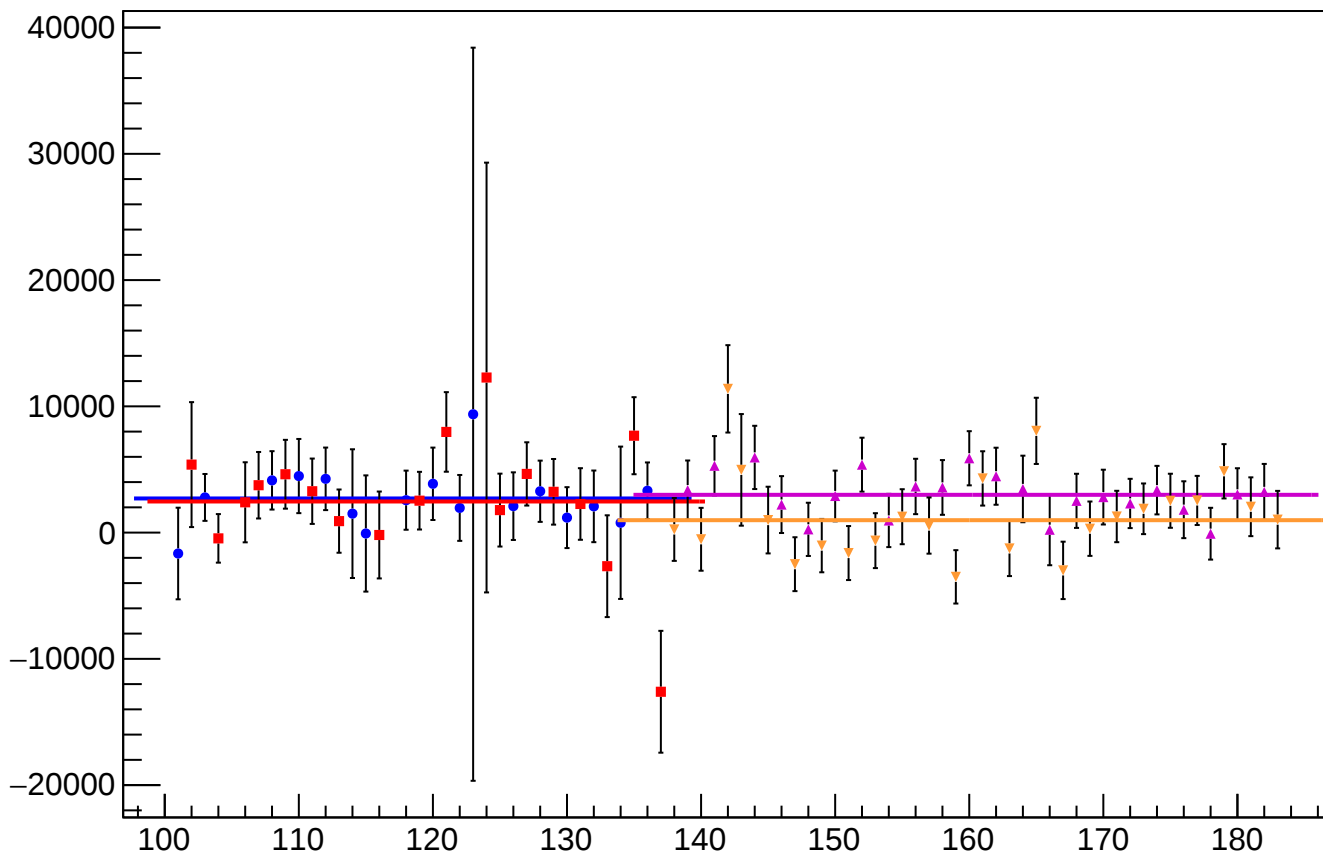
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1952.716 $\pm$ 0.285 χ^2 /NDF: 979874.9/38

Out: 1967.704 $\pm$ 0.281 χ^2 /NDF: 1090418.4/41

All: 1960.329 $\pm$ 0.200 χ^2 /NDF: 2071696.5/80

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2703.508 ± 673.898 χ^2/NDF : 4.0/16

Left Out: 983.062 ± 463.435 χ^2/NDF : 39.2/23

Right Out: 2464.583 ± 683.276 χ^2/NDF : 23.2/17

Left In: 2991.800 ± 467.466 χ^2/NDF : 12.5/21

Left: 1978.731 ± 329.114 χ^2/NDF : 61.0/45

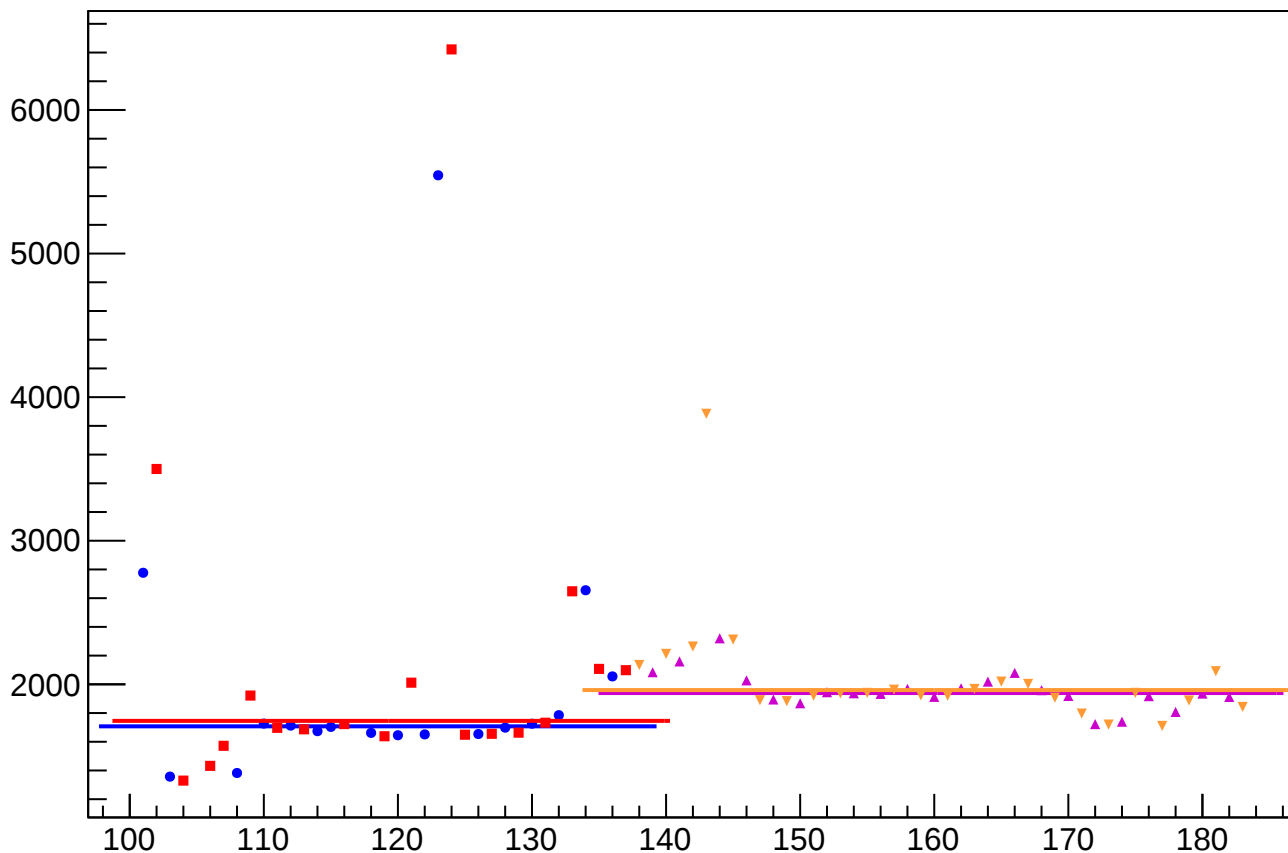
Right: 2585.697 ± 479.799 χ^2/NDF : 27.3/34

In: 2898.144 ± 384.101 χ^2/NDF : 16.7/38

Out: 1449.862 ± 383.538 χ^2/NDF : 65.6/41

All: 2172.939 ± 271.401 χ^2/NDF : 89.4/80

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386+/-0.477 χ^2/NDF : 422166.4/16

Left Out: 1959.996+/-0.328 χ^2/NDF : 559051.0/23

Right Out: 1745.551+/-0.483 χ^2/NDF : 699240.7/17

Left In: 1939.283+/-0.331 χ^2/NDF : 141165.4/21

Left: 1949.729+/-0.233 χ^2/NDF : 702196.7/45

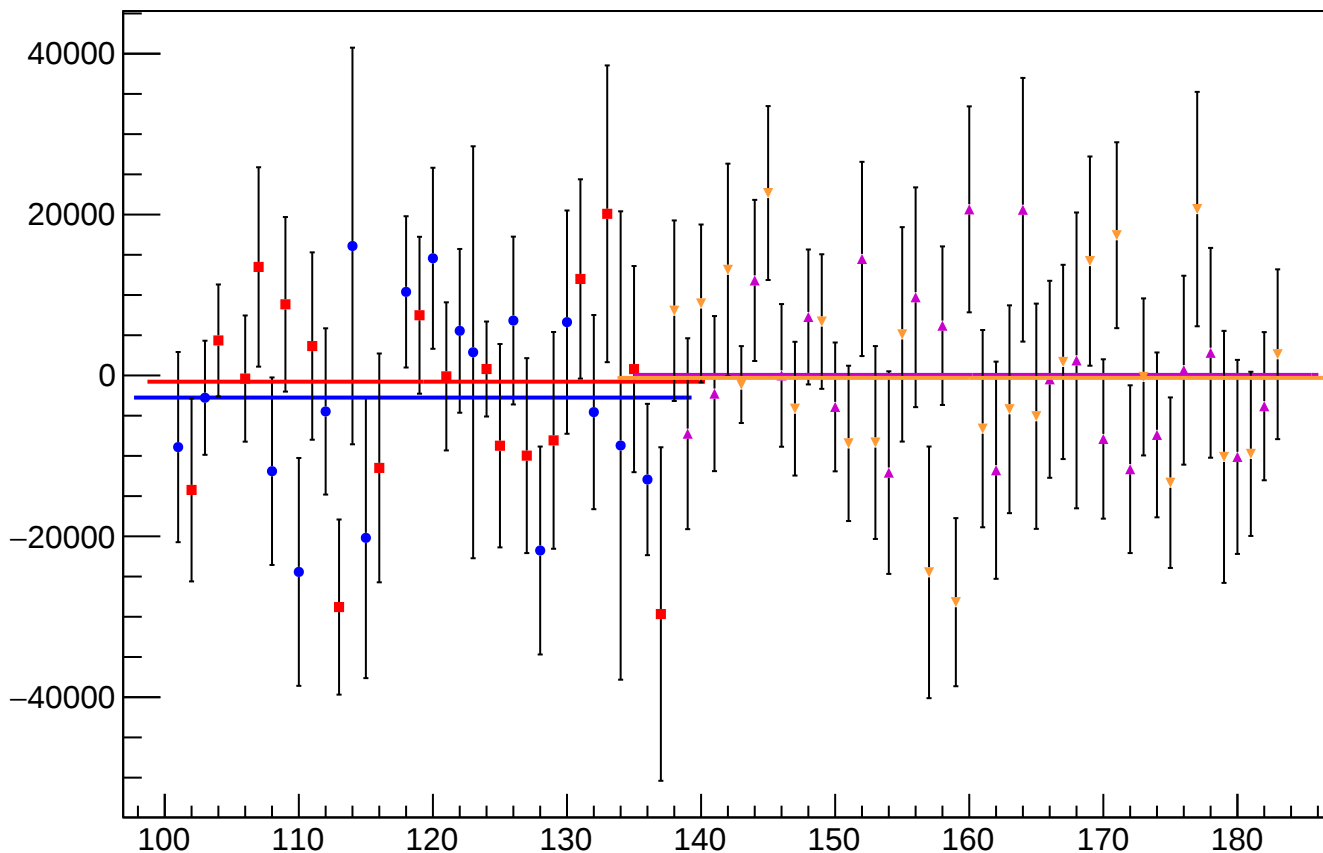
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1863.948+/-0.272 χ^2/NDF : 723222.1/38

Out: 1892.403+/-0.271 χ^2/NDF : 1393272.5/41

All: 1878.197+/-0.192 χ^2/NDF : 2121991.3/80

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -302.539+/-2101.355 χ^2/NDF : 27.8/23

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

Left In: 67.198+/-2326.218 χ^2/NDF : 14.4/21

Left: -136.400+/-1559.336 χ^2/NDF : 42.2/45

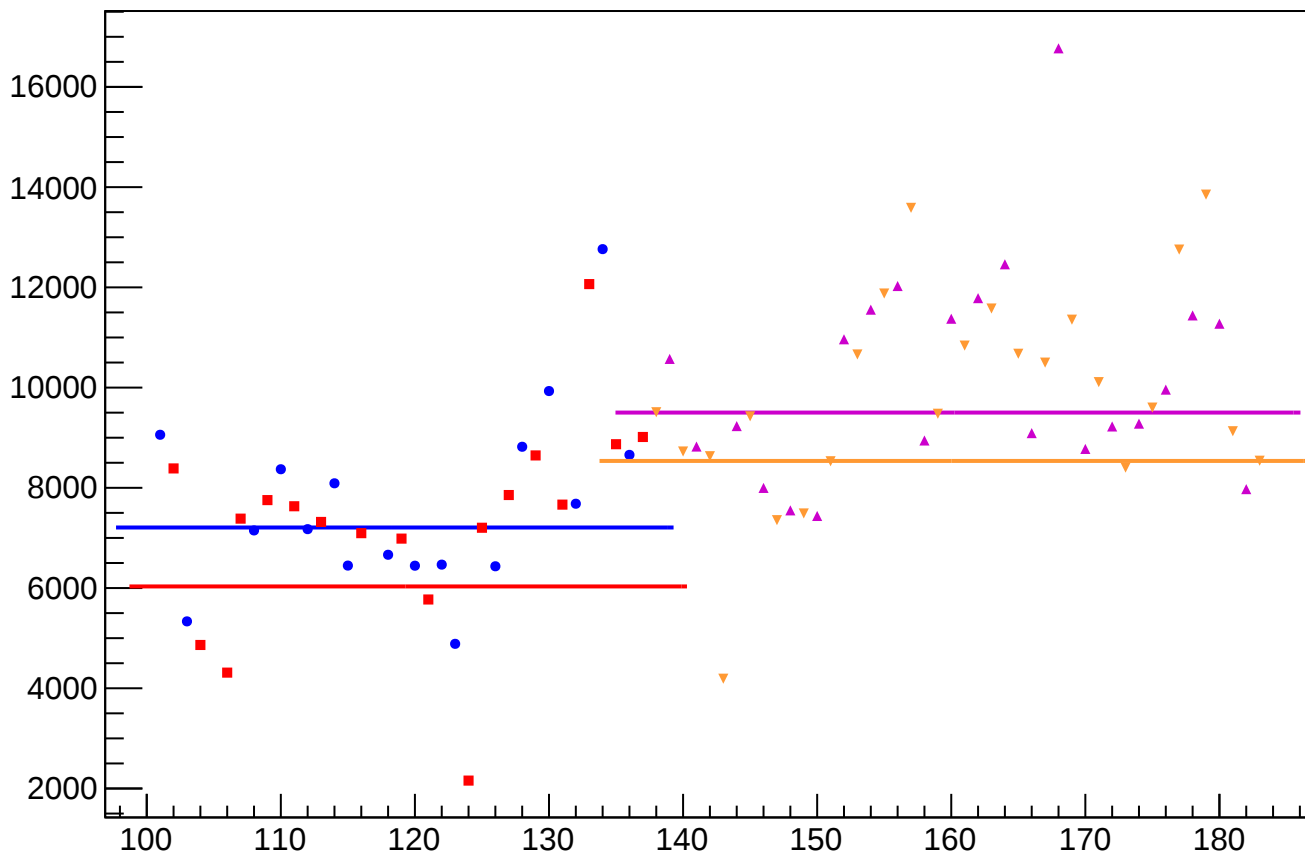
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -1063.121+/-1800.202 χ^2/NDF : 29.5/38

Out: -503.625+/-1592.482 χ^2/NDF : 45.6/41

All: -749.245+/-1192.765 χ^2/NDF : 75.1/80

asym_at2_avg_correction_rms vs Slug, Sign Corrected



Right In: 7208.346 $\pm$ 2.010 χ^2 /NDF: 493749.9/16

Left Out: 8536.653 $\pm$ 1.486 χ^2 /NDF:3004249.0/23

Right Out: 6032.193 $\pm$ 1.726 χ^2 /NDF: 1797562.8/17

Left In: 9501.595 $\pm$ 1.645 χ^2 /NDF:1121750.3/21

Left: 8970.244 $\pm$ 1.103 χ^2 /NDF: 4315500.5/45

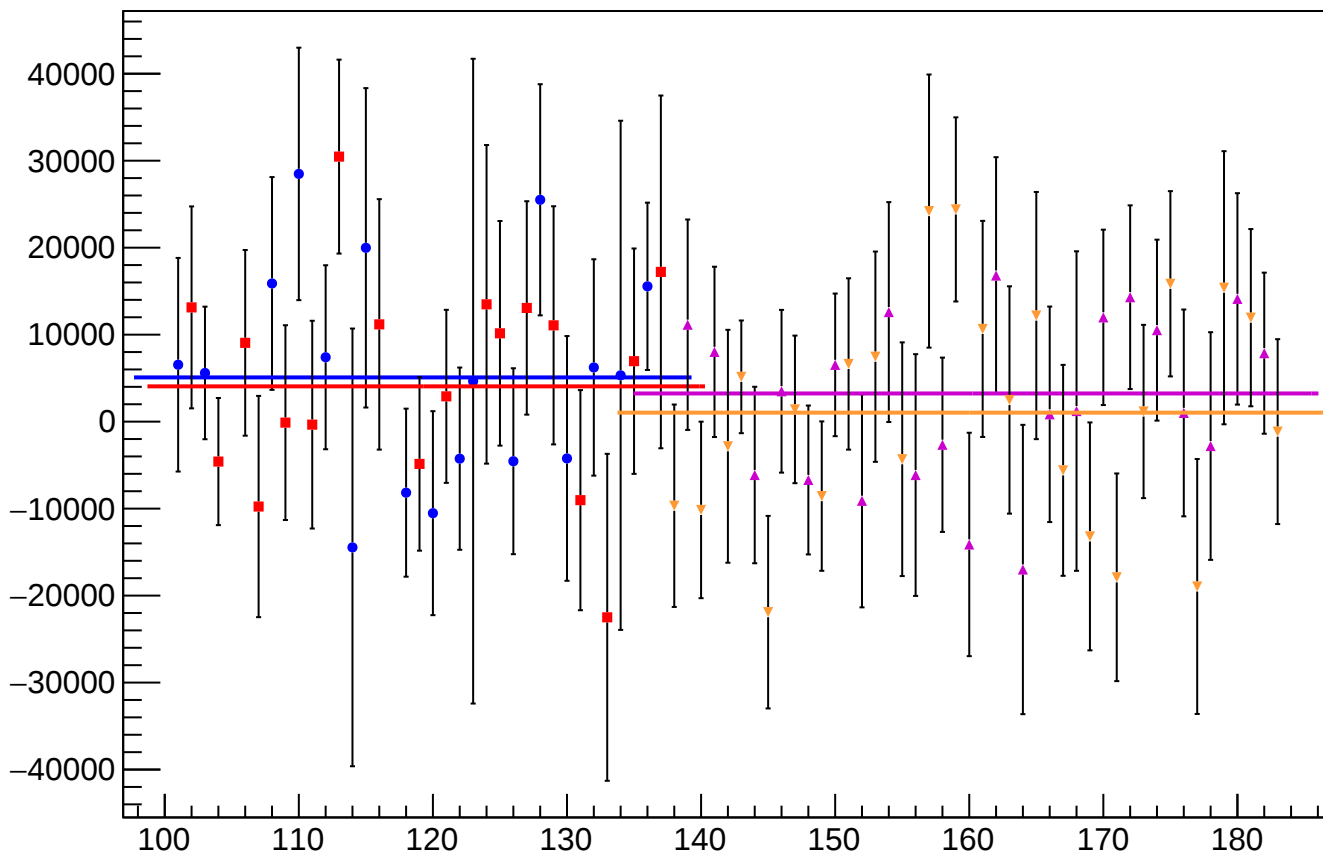
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8581.732 $\pm$ 1.273 χ^2 /NDF:2395157.3/38

Out: 7470.541 $\pm$ 1.126 χ^2 /NDF:6011151.5/41

All: 7958.357 $\pm$ 0.843 χ^2 /NDF: 8833798.6/80

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1032.591 $\pm$ 2231.505 χ^2/NDF : 27.0/23

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

Left In: 3240.040 $\pm$ 2363.934 χ^2/NDF : 13.4/21

Left: 2072.755 $\pm$ 1622.710 χ^2/NDF : 40.8/45

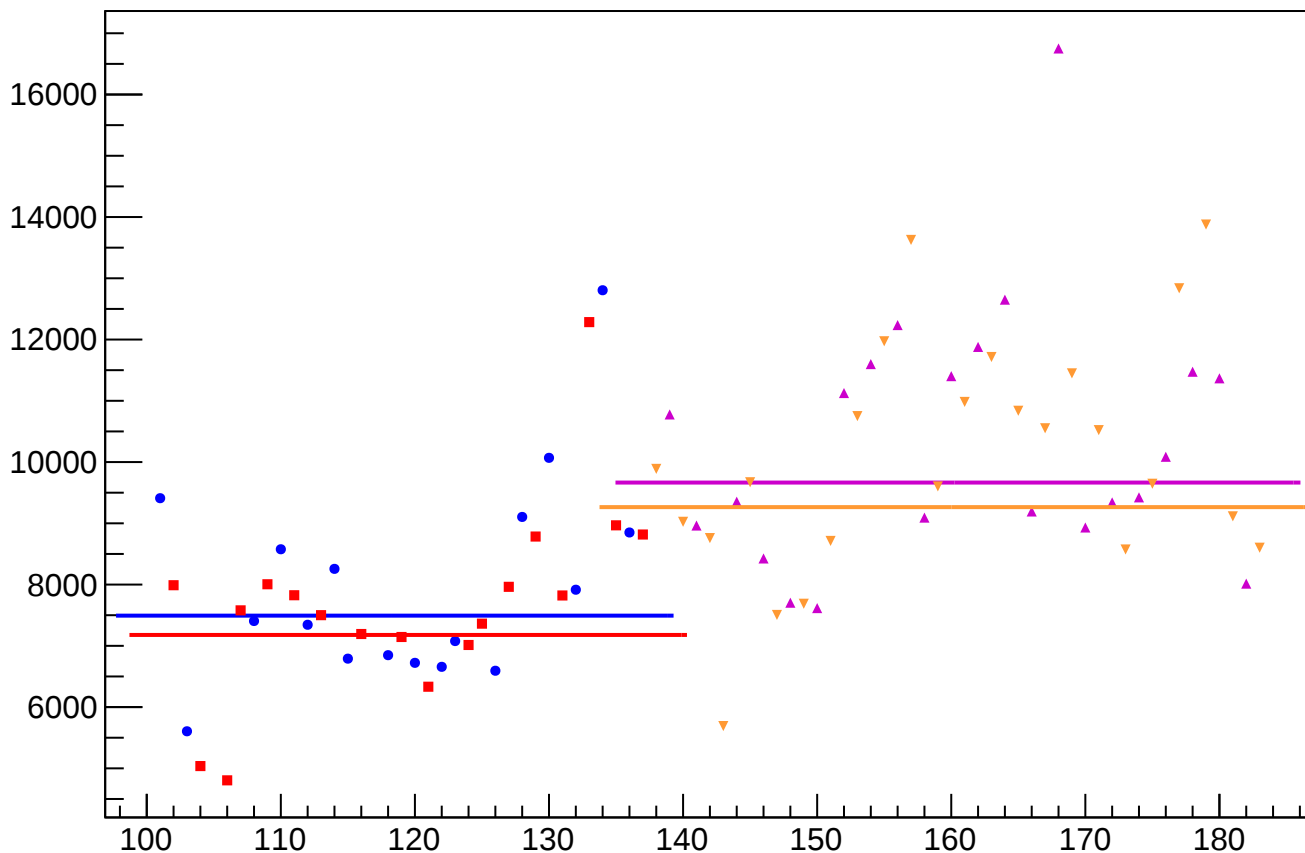
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3959.782 $\pm$ 1846.002 χ^2/NDF : 27.6/38

Out: 2206.797 $\pm$ 1745.111 χ^2/NDF : 42.9/41

All: 3034.078 $\pm$ 1268.148 χ^2/NDF : 70.9/80

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9264.377 $\pm$ 1.578 χ^2 /NDF: 1593951.5/23

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

Left In: 9665.300 $\pm$ 1.672 χ^2 /NDF: 1055899.1/21

Left: 9453.294 $\pm$ 1.147 χ^2 /NDF: 2680271.2/45

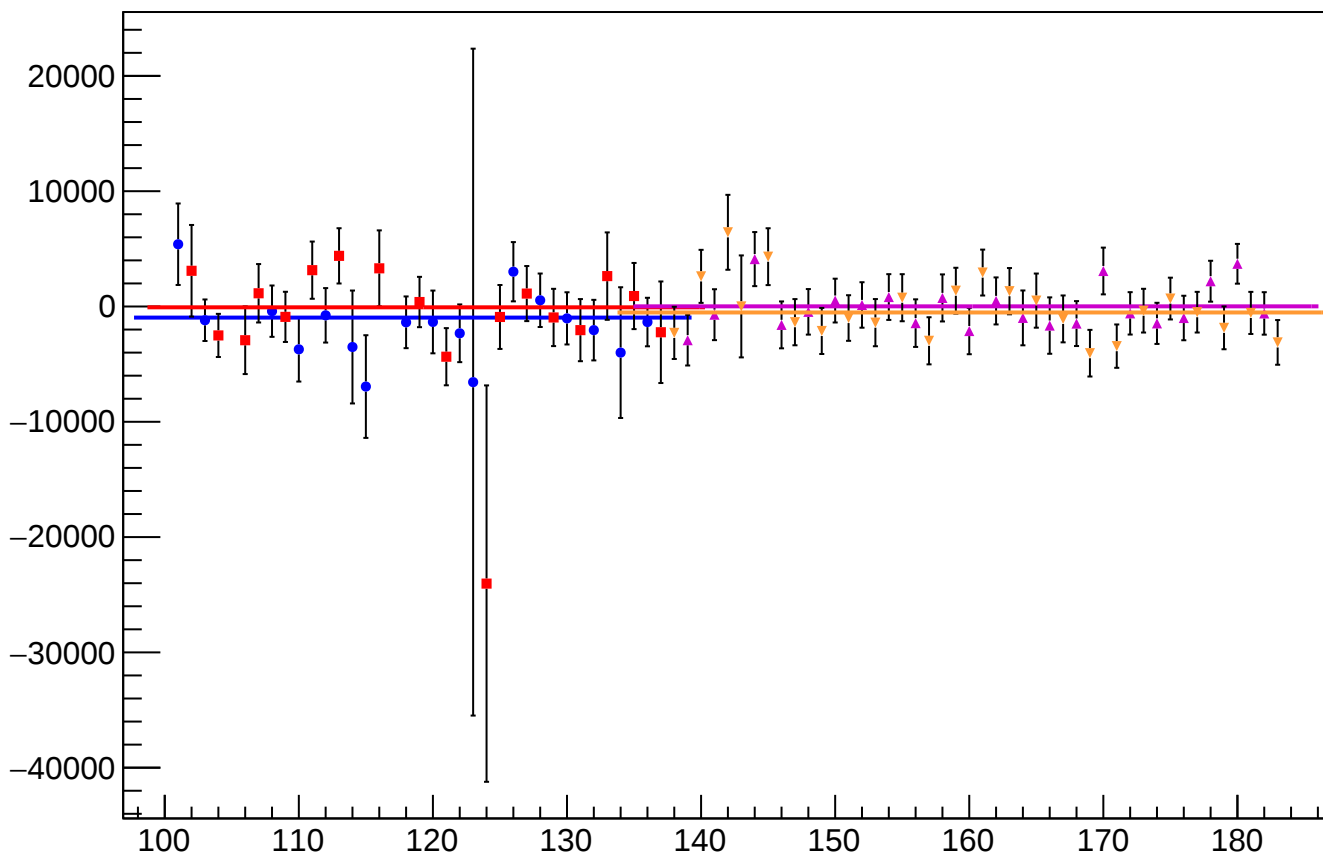
Right: 7326.859 $\pm$ 1.437 χ^2 /NDF: 1004970.1/34

In: 8817.629 $\pm$ 1.305 χ^2 /NDF: 2152040.2/38

Out: 8453.776 $\pm$ 1.234 χ^2 /NDF: 2829172.3/41

All: 8625.481 $\pm$ 0.897 χ^2 /NDF: 5022246.0/80

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -517.999 $\pm$ 421.313 χ^2 /NDF:27.1/23

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

Left In: 13.624 $\pm$ 425.567 χ^2 /NDF:18.5/21

Left: -254.858 $\pm$ 299.406 χ^2 /NDF: 46.3/45

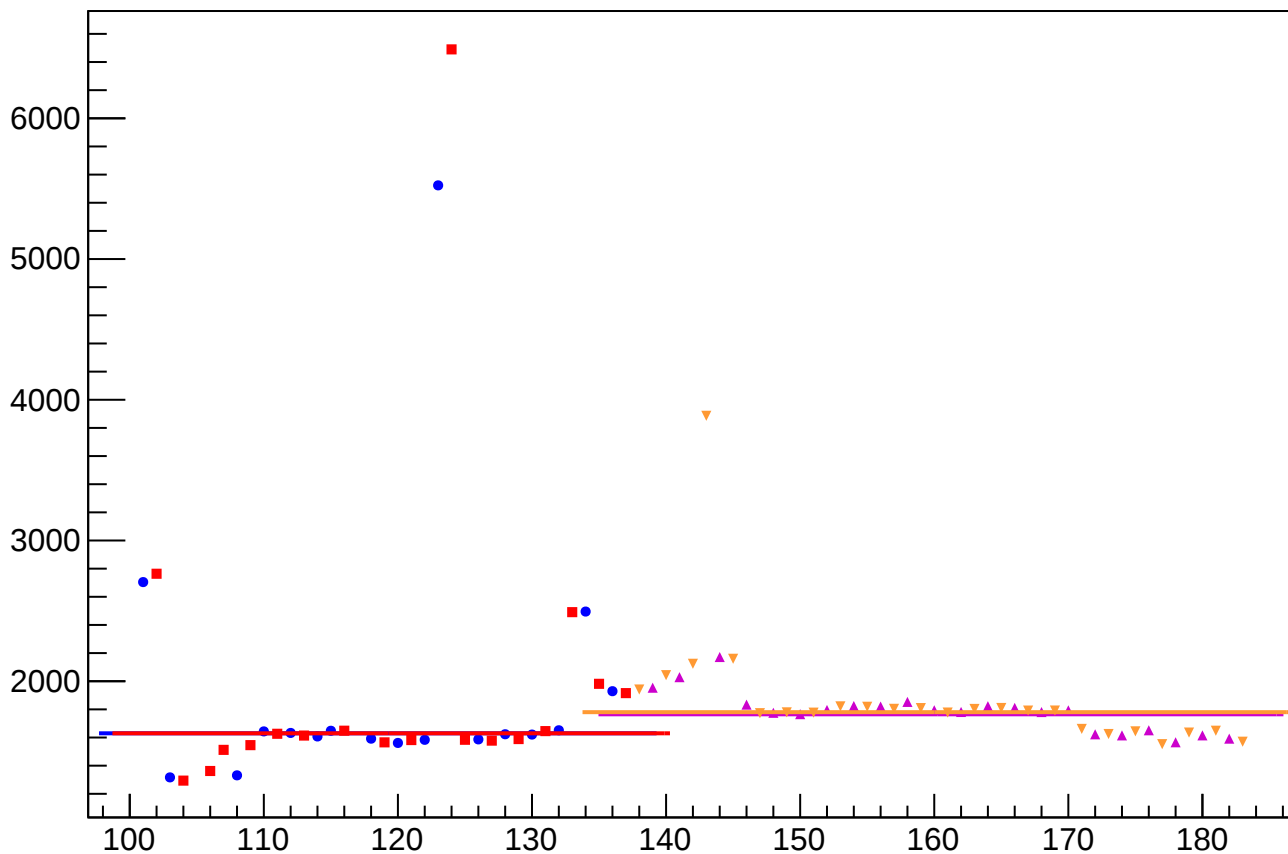
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -283.710 $\pm$ 354.885 χ^2 /NDF:30.1/38

Out: -381.297 $\pm$ 350.971 χ^2 /NDF:44.1/41

All: -333.044 $\pm$ 249.546 χ^2 /NDF: 74.3/80

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1780.161+/-0.298 χ^2/NDF : 674538.6/23

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

Left In: 1764.993+/-0.301 χ^2/NDF : 207202.5/21

Left: 1772.654+/-0.212 χ^2/NDF : 883024.2/45

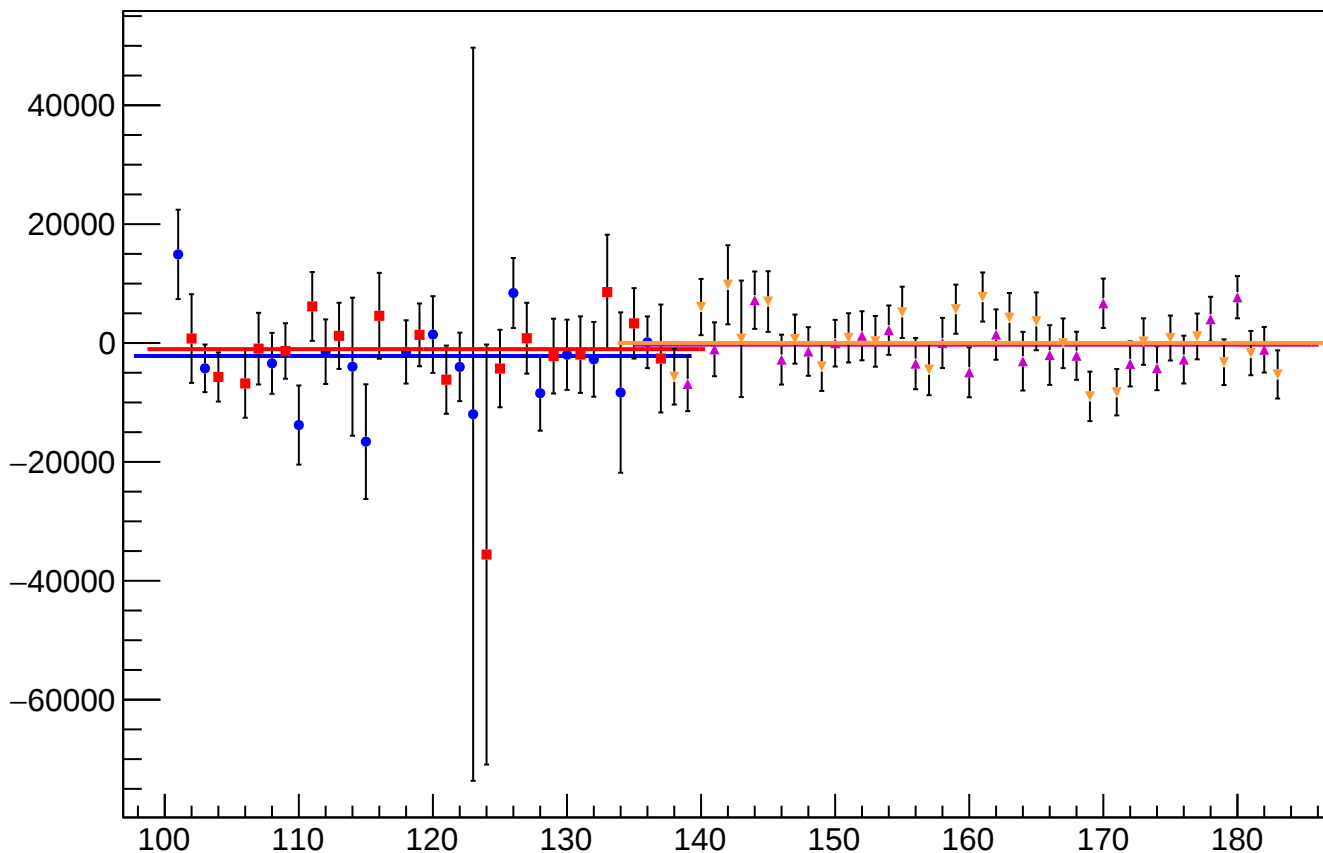
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1723.861+/-0.251 χ^2/NDF : 676693.1/38

Out: 1734.188+/-0.248 χ^2/NDF : 1309810.0/41

All: 1729.082+/-0.176 χ^2/NDF : 1987359.1/80

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 19.417 ± 876.226 χ^2/NDF : 29.6/23

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

Left In: -286.125 ± 883.166 χ^2/NDF : 19.5/21

Left: -132.149 ± 622.024 χ^2/NDF : 49.1/45

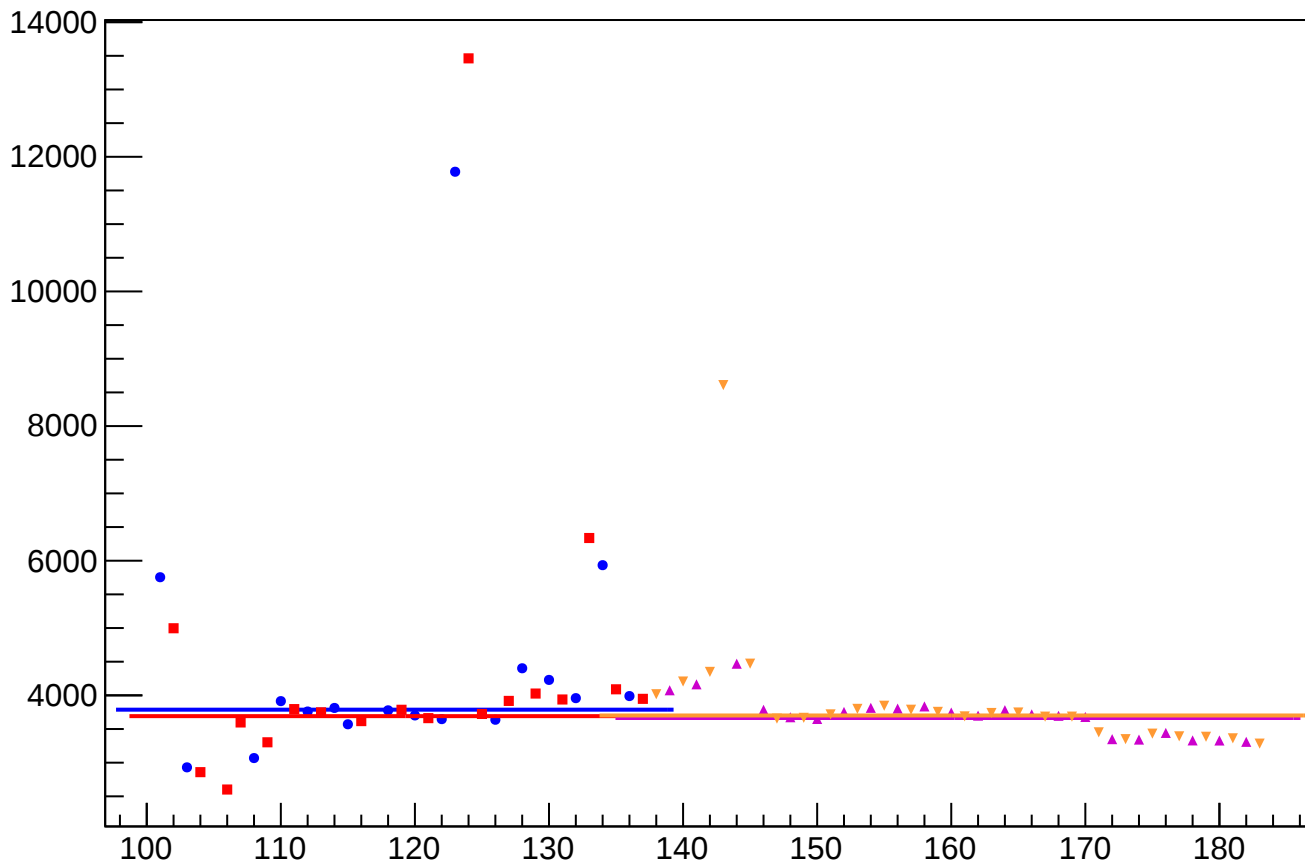
Right: -1583.224 ± 1037.341 χ^2/NDF : 24.9/34

In: -776.835 ± 760.135 χ^2/NDF : 36.7/38

Out: -262.668 ± 748.866 χ^2/NDF : 38.5/41

All: -515.912 ± 533.468 χ^2/NDF : 75.4/80

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3701.113+/-0.620 χ^2/NDF : 702395.3/23

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

Left In: 3663.659+/-0.624 χ^2/NDF : 194758.7/21

Left: 3682.534+/-0.440 χ^2/NDF : 898966.6/45

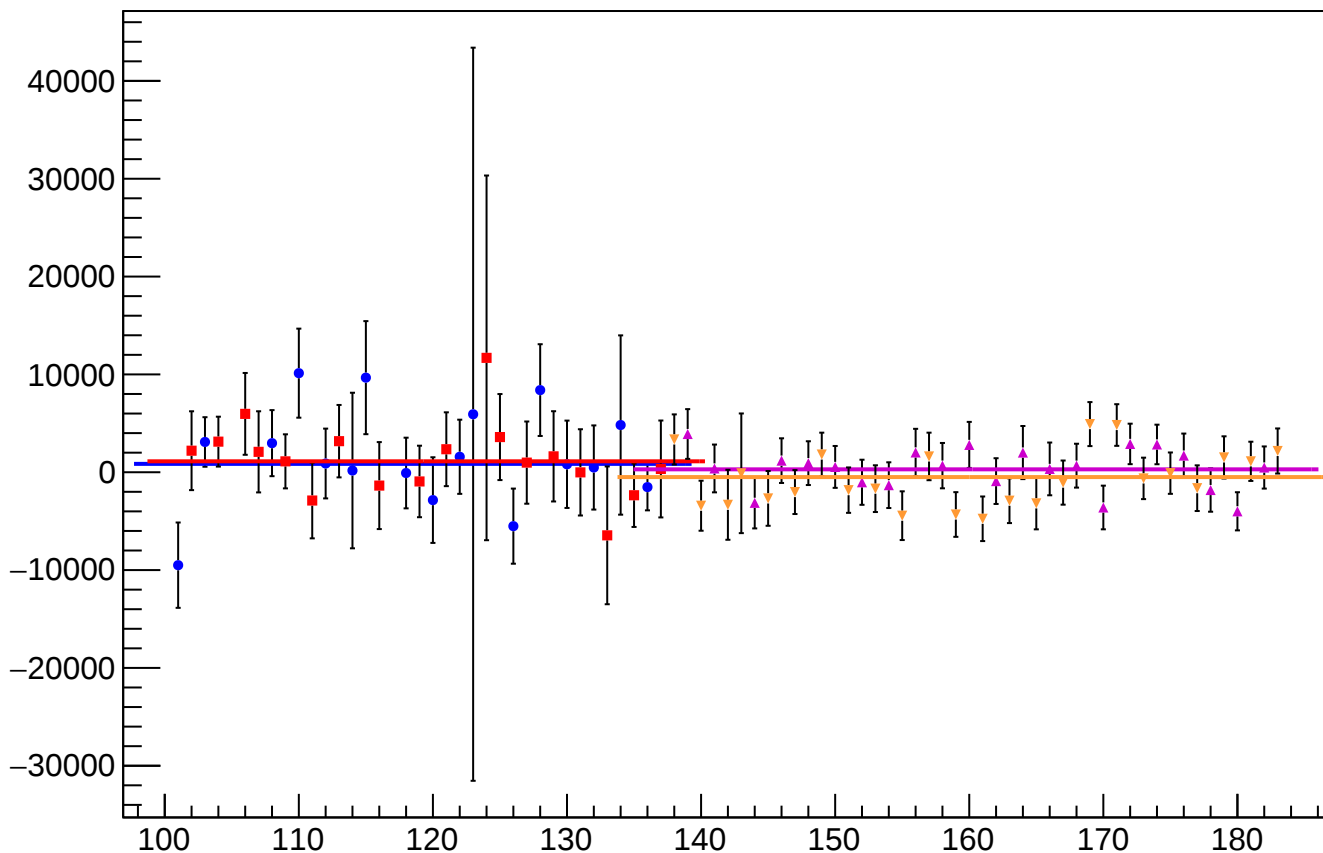
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3695.708+/-0.537 χ^2/NDF : 597570.3/38

Out: 3698.453+/-0.530 χ^2/NDF : 1257620.7/41

All: 3697.101+/-0.377 χ^2/NDF : 1855204.2/80

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -494.283 ± 485.466 χ^2/NDF : 33.9/23

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

Left In: 296.483 ± 487.864 χ^2/NDF : 19.5/21

Left: -100.849 ± 344.121 χ^2/NDF : 54.7/45

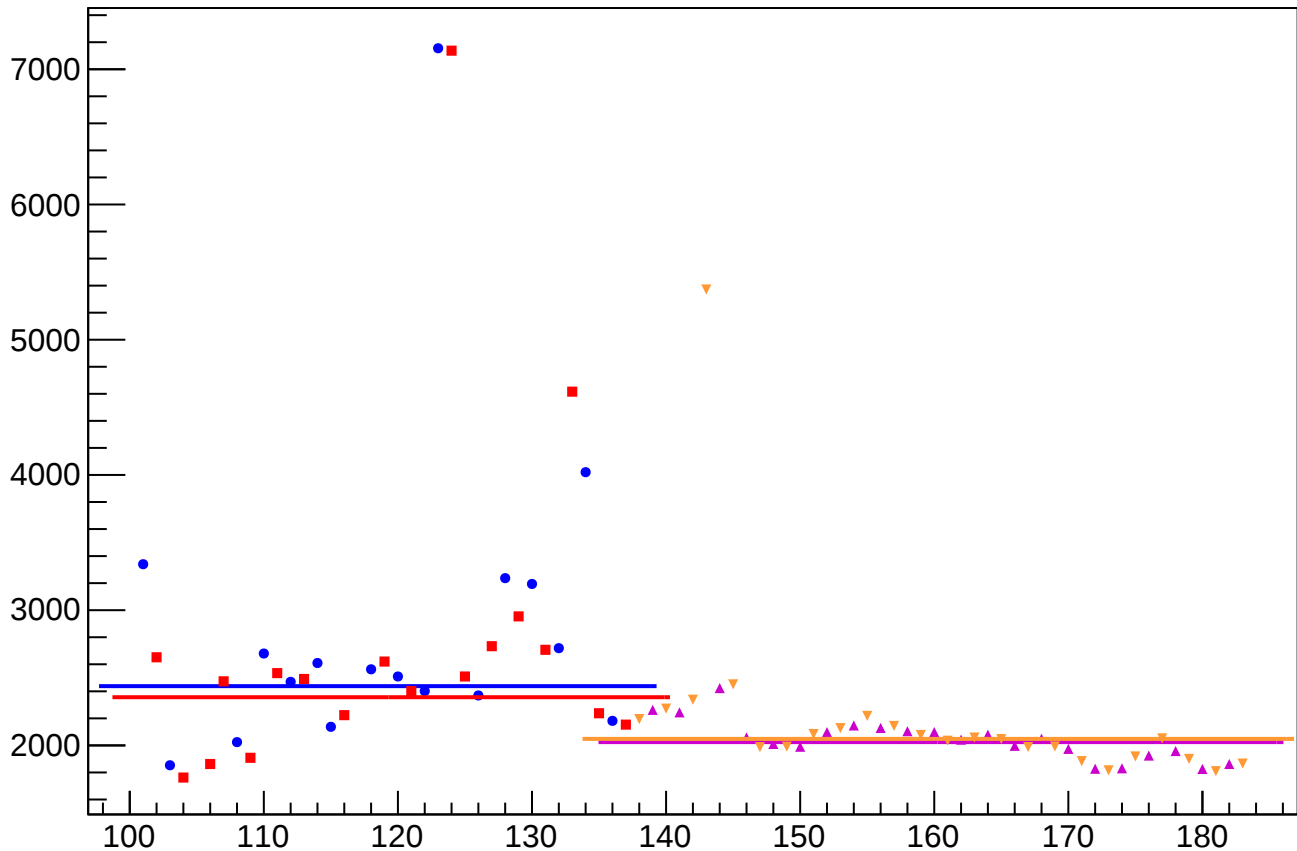
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 410.465 ± 435.363 χ^2/NDF : 40.4/38

Out: -147.484 ± 430.080 χ^2/NDF : 43.5/41

All: 128.085 ± 305.963 χ^2/NDF : 84.7/80

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2048.273+/-0.343 χ^2/NDF : 782256.5/23

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

Left In: 2024.431+/-0.345 χ^2/NDF : 173836.4/21

Left: 2036.411+/-0.243 χ^2/NDF : 958492.9/45

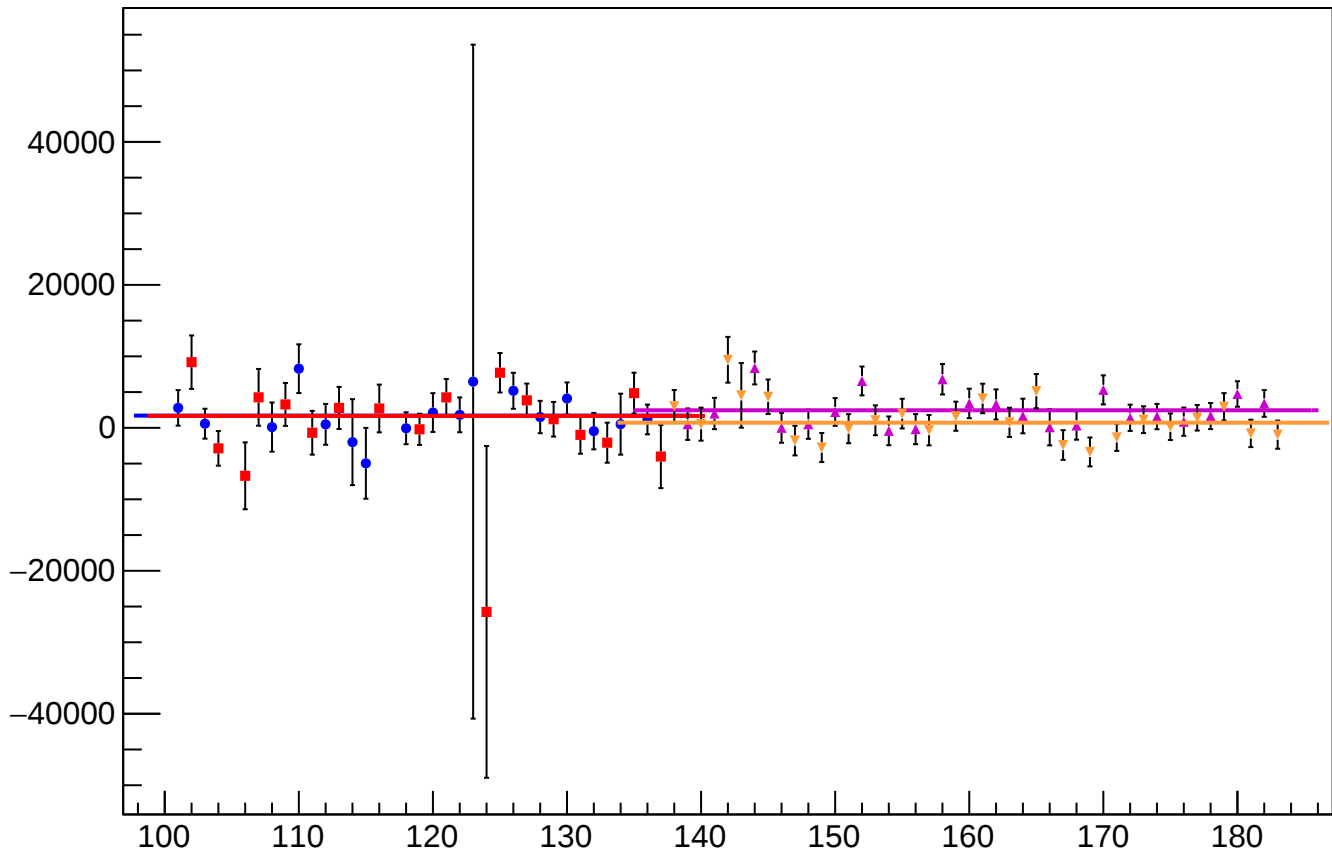
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2108.710+/-0.308 χ^2/NDF : 943640.4/38

Out: 2114.570+/-0.304 χ^2/NDF : 1584748.4/41

All: 2111.676+/-0.216 χ^2/NDF : 2528572.2/80

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 723.600 $\pm$ 428.989 χ^2/NDF : 33.6/23

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

Left In: 2455.663 $\pm$ 433.353 χ^2/NDF : 29.4/21

Left: 1580.867 $\pm$ 304.872 χ^2/NDF : 71.0/45

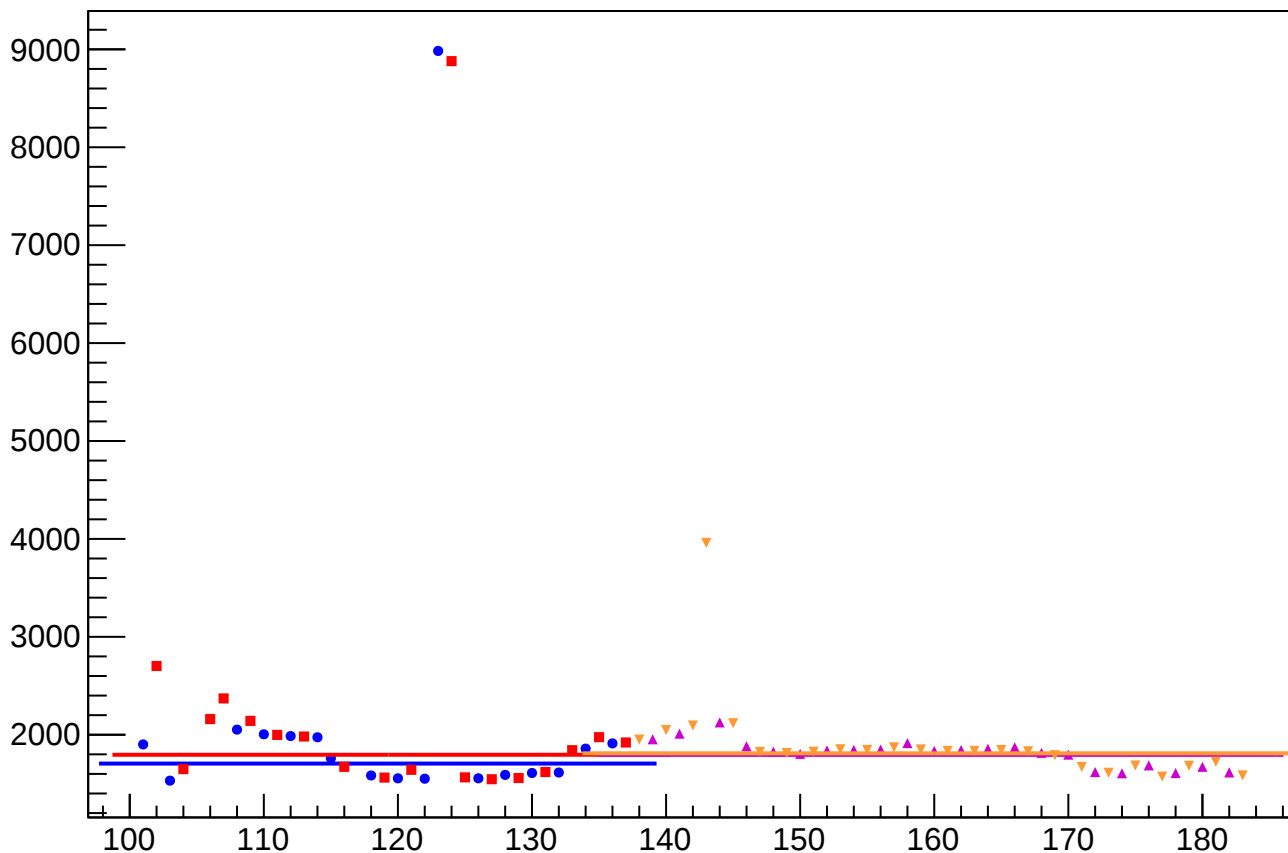
Right: 1689.956 $\pm$ 481.523 χ^2/NDF : 38.2/34

In: 2235.165 $\pm$ 363.415 χ^2/NDF : 41.7/38

Out: 983.042 $\pm$ 365.149 χ^2/NDF : 61.7/41

All: 1612.083 $\pm$ 257.584 χ^2/NDF : 109.3/80

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1810.388 $\pm$ 0.303 χ^2 /NDF: 651377.2/23

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

Left In: 1794.260 $\pm$ 0.306 χ^2 /NDF: 185941.3/21

Left: 1802.406 $\pm$ 0.216 χ^2 /NDF: 838717.6/45

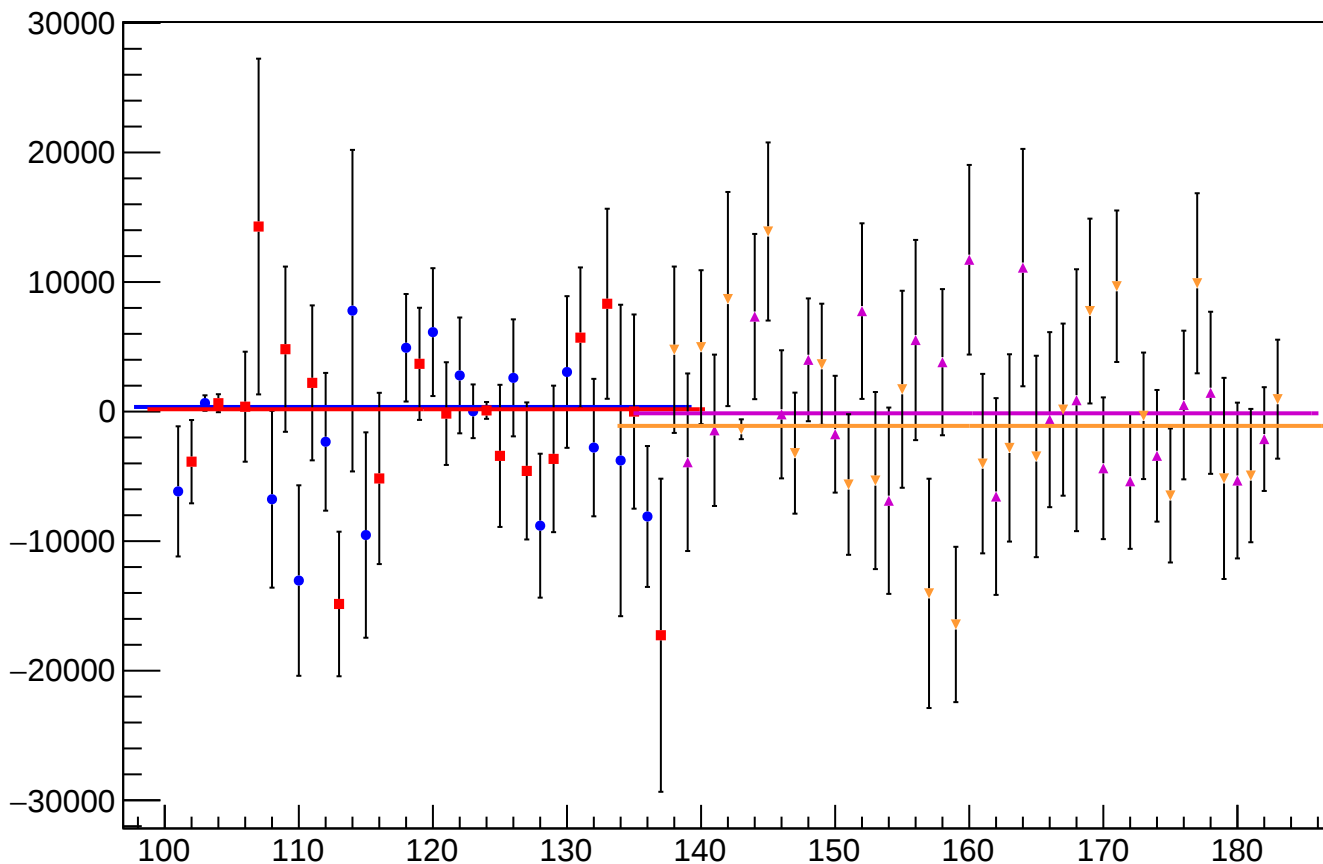
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1767.959 $\pm$ 0.257 χ^2 /NDF: 404942.6/38

Out: 1806.294 $\pm$ 0.258 χ^2 /NDF: 1170841.3/41

All: 1787.047 $\pm$ 0.182 χ^2 /NDF: 1586865.0/80

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1103.711 $\pm$ 655.555 χ^2 /NDF:29.2/23

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

Left In: -132.810 $\pm$ 1256.340 χ^2 /NDF:13.8/21

Left: -895.933 $\pm$ 581.191 χ^2 /NDF: 43.5/45

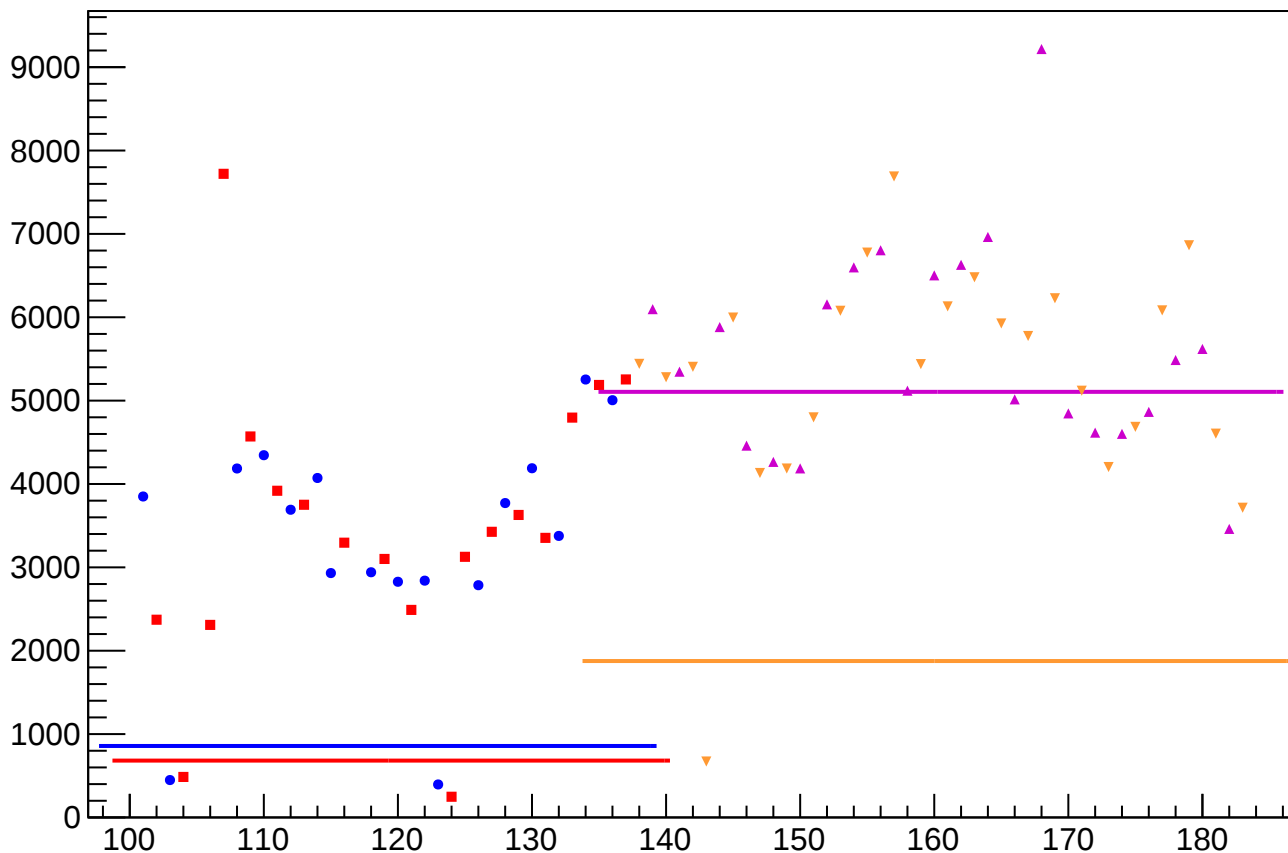
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 282.259 $\pm$ 490.832 χ^2 /NDF:31.4/38

Out: -227.972 $\pm$ 369.313 χ^2 /NDF:50.4/41

All: -43.530 $\pm$ 295.107 χ^2 /NDF: 82.5/80

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1876.304 $\pm$ 0.464 χ^2 /NDF: 19637672.3/23

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

Left In: 5105.331 $\pm$ 0.888 χ^2 /NDF: 1457233.0/21

Left: 2567.333 $\pm$ 0.411 χ^2 /NDF: 31479246.2/45

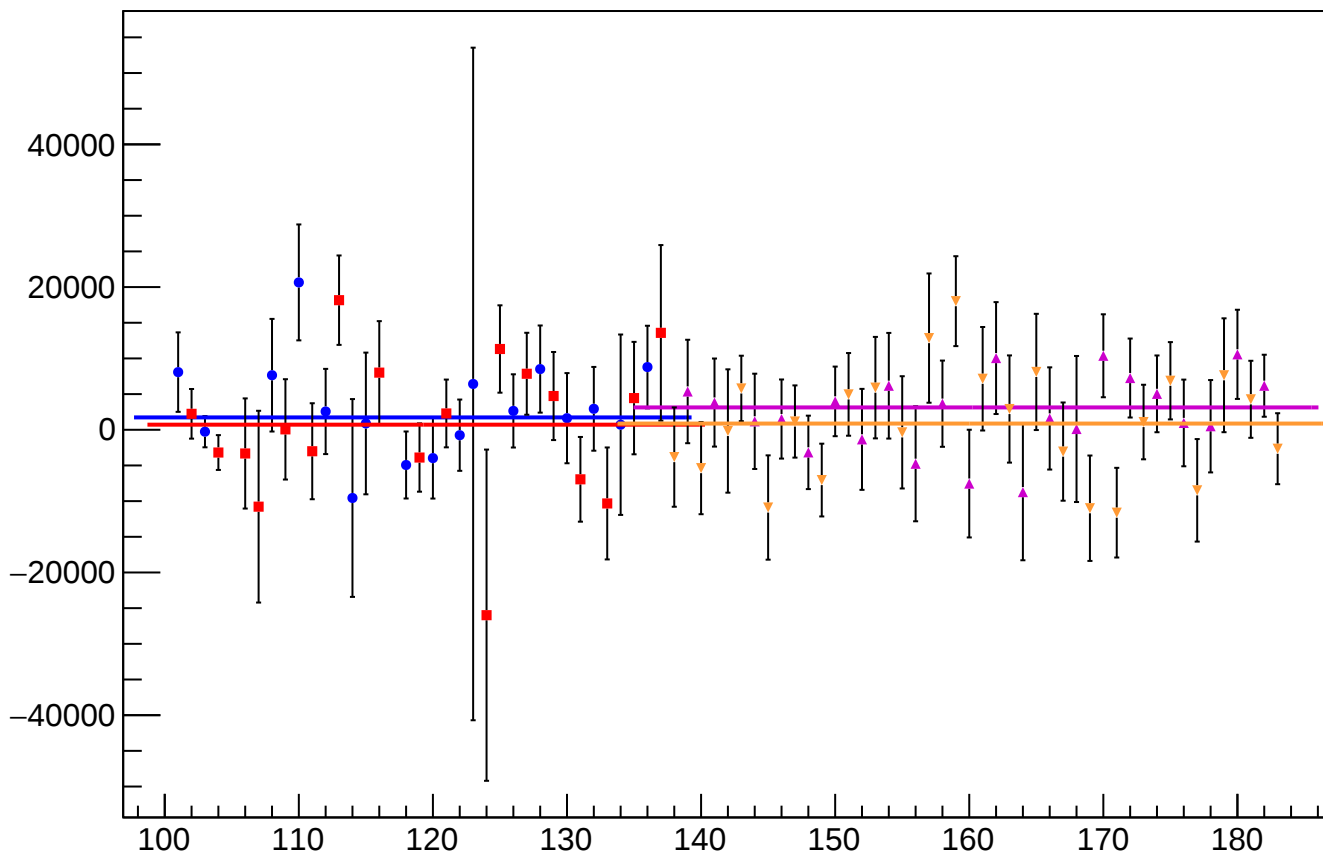
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1505.840 $\pm$ 0.347 χ^2 /NDF: 29006846.8/38

Out: 1061.118 $\pm$ 0.261 χ^2 /NDF: 33546696.3/41

All: 1221.879 $\pm$ 0.209 χ^2 /NDF: 63601906.4/80

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 870.528+/-1288.839 χ^2/NDF : 30.8/23

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

Left In: 3133.398+/-1334.878 χ^2/NDF : 12.2/21

Left: 1962.268+/-927.196 χ^2/NDF : 44.5/45

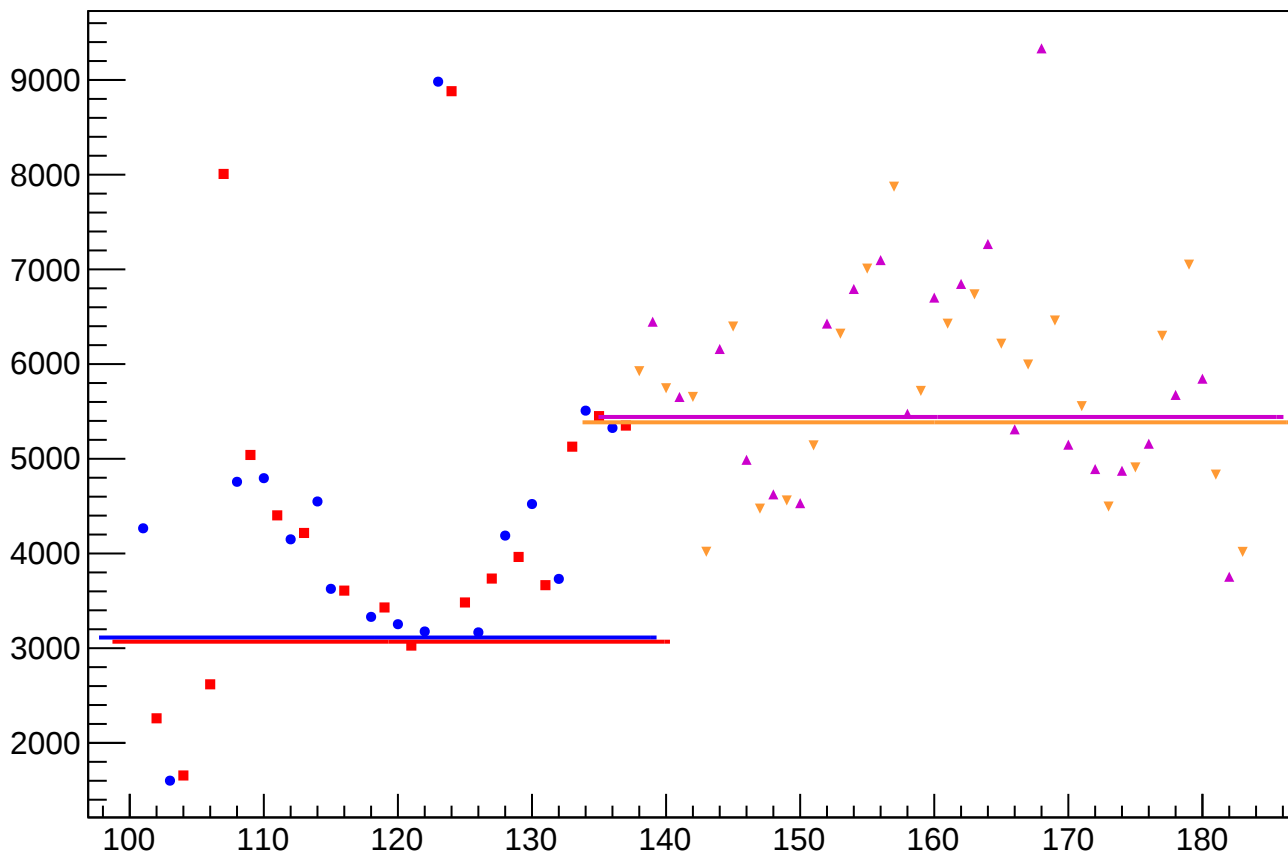
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2417.280+/-933.015 χ^2/NDF : 27.7/38

Out: 793.127+/-912.003 χ^2/NDF : 55.9/41

All: 1586.710+/-652.185 χ^2/NDF : 85.1/80

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5385.024 $\pm$ 0.911 χ^2 /NDF: 1184590.9/23

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

Left In: 5441.701 $\pm$ 0.944 χ^2 /NDF: 1234320.1/21

Left: 5412.368 $\pm$ 0.656 χ^2 /NDF: 2420777.0/45

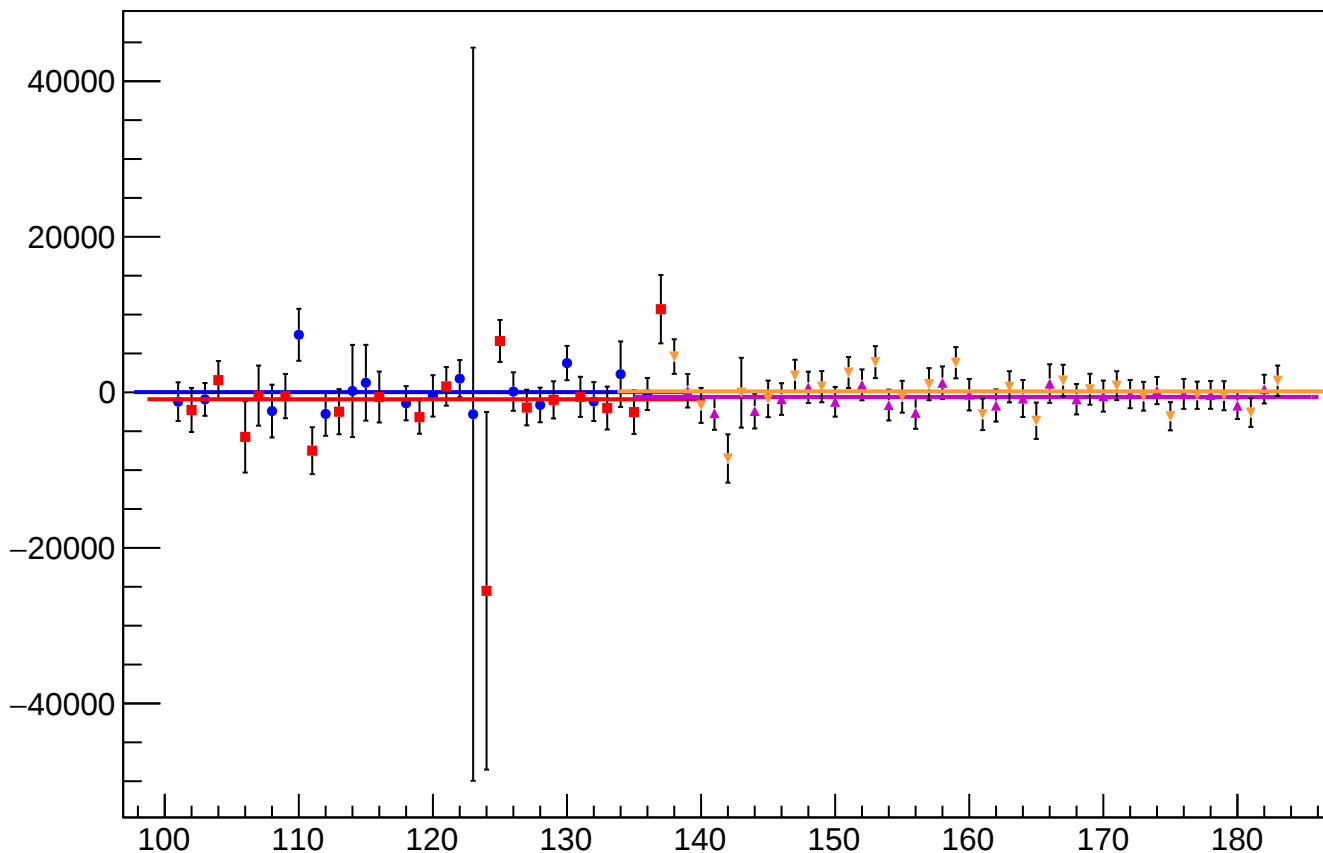
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4250.480 $\pm$ 0.660 χ^2 /NDF: 6232779.9/38

Out: 4211.493 $\pm$ 0.640 χ^2 /NDF: 6459169.7/41

All: 4230.399 $\pm$ 0.459 χ^2 /NDF: 12693748.3/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 29.102 ± 658.403 $\chi^2/\text{NDF}: 11.8/16$

Left Out: 126.129 ± 420.591 $\chi^2/\text{NDF}: 33.7/23$

Right Out: -882.685 ± 674.623 $\chi^2/\text{NDF}: 25.6/17$

Left In: -590.998 ± 425.269 $\chi^2/\text{NDF}: 6.7/21$

Left: -228.468 ± 299.043 $\chi^2/\text{NDF}: 41.8/45$

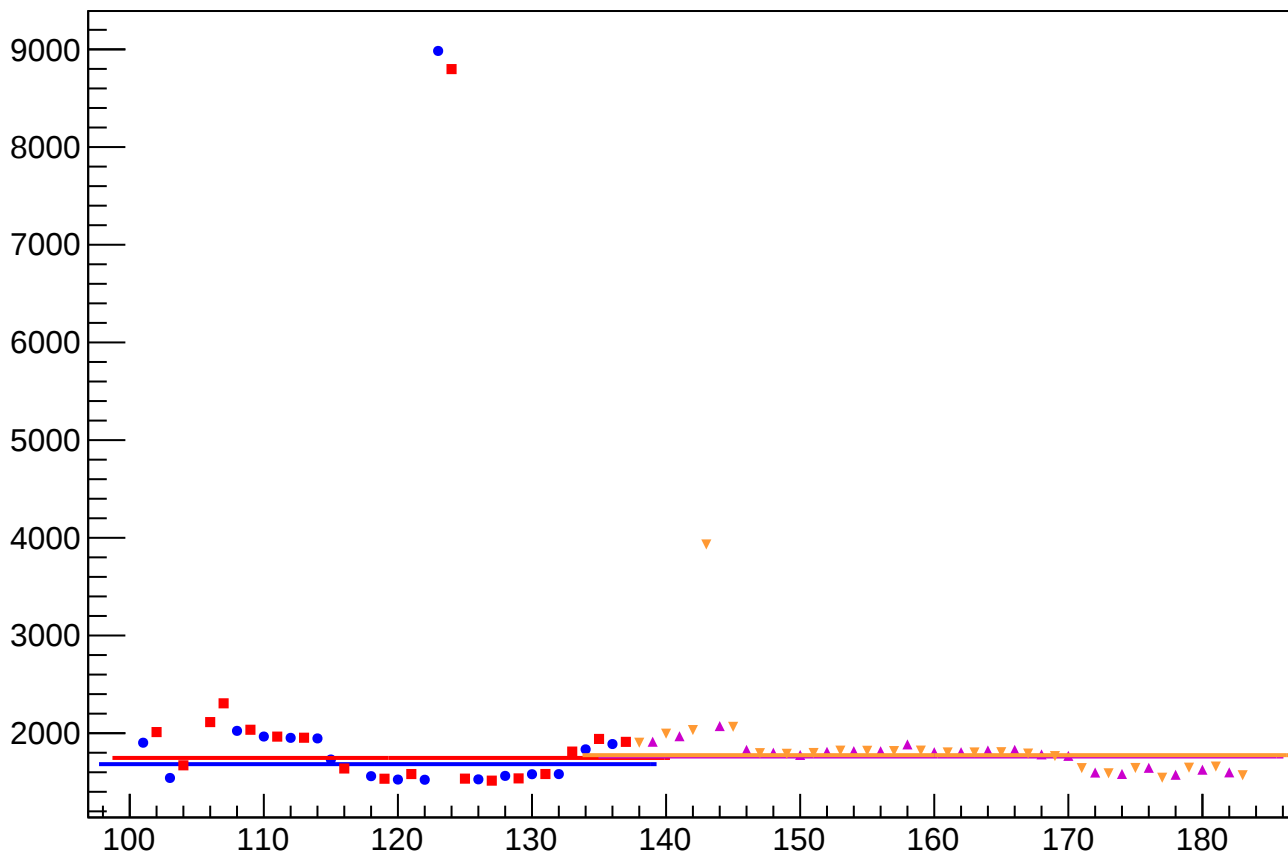
Right: -415.699 ± 471.191 $\chi^2/\text{NDF}: 38.4/34$

In: -408.451 ± 357.230 $\chi^2/\text{NDF}: 19.1/38$

Out: -156.232 ± 356.910 $\chi^2/\text{NDF}: 60.9/41$

All: -282.228 ± 252.487 $\chi^2/\text{NDF}: 80.3/80$

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1775.055+/-0.297 χ^2/NDF : 652627.8/23

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

Left In: 1761.066+/-0.301 χ^2/NDF : 180225.2/21

Left: 1768.138+/-0.211 χ^2/NDF : 833947.0/45

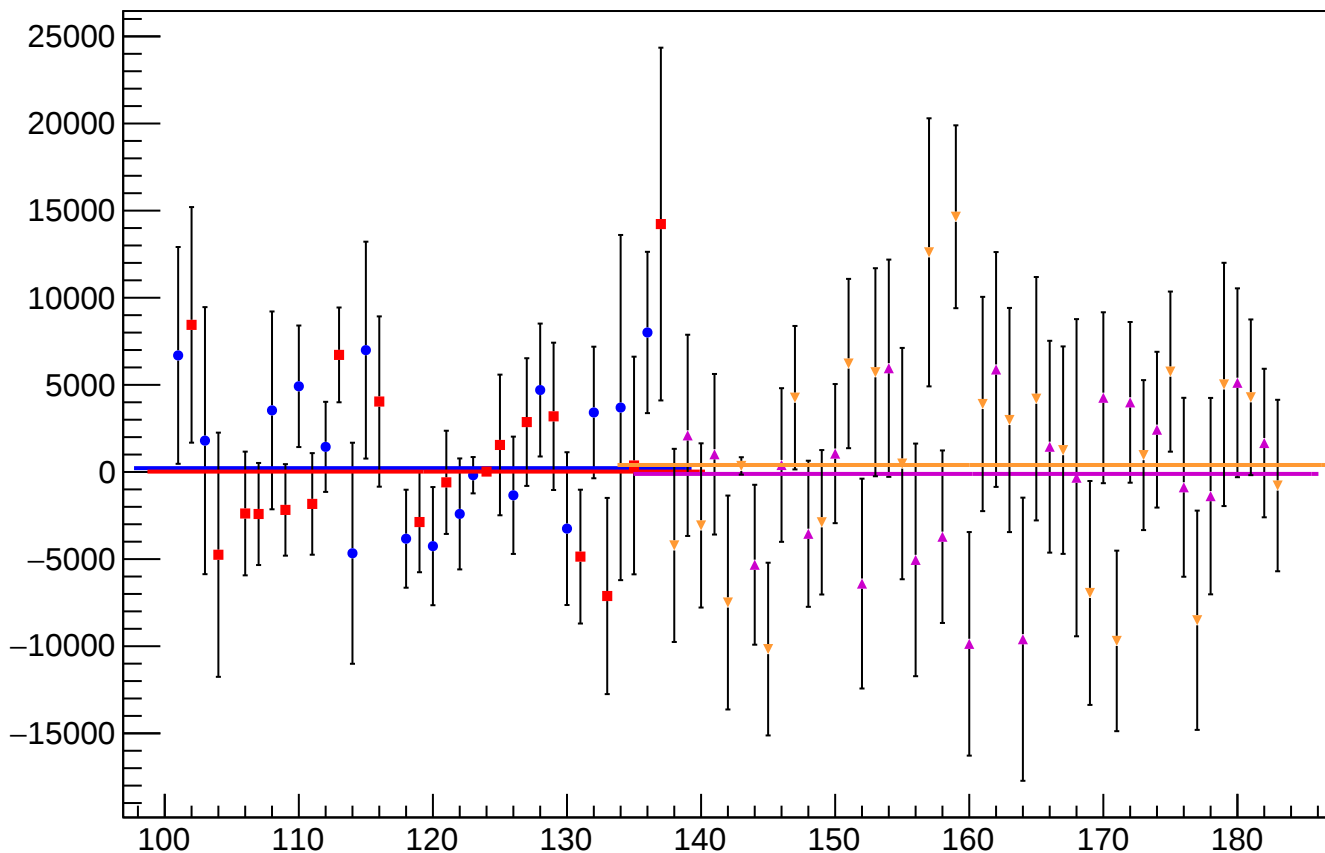
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1738.121+/-0.253 χ^2/NDF : 395859.4/38

Out: 1767.122+/-0.252 χ^2/NDF : 1061885.8/41

All: 1752.644+/-0.178 χ^2/NDF : 1464345.5/80

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 401.250+/-455.529 χ^2/NDF : 31.6/23

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

Left In: -111.108+/-1111.213 χ^2/NDF : 13.0/21

Left: 327.536+/-421.488 χ^2/NDF : 44.8/45

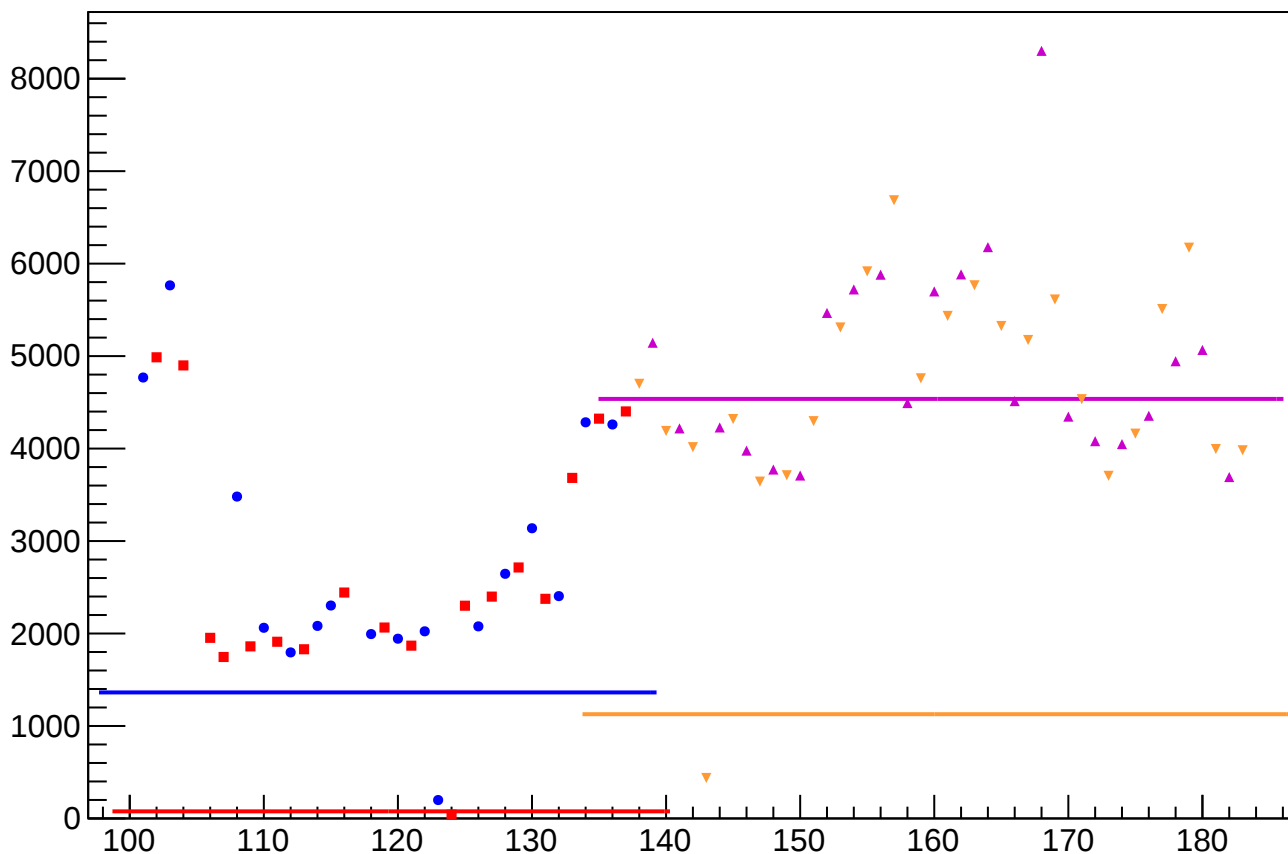
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 121.785+/-604.788 χ^2/NDF : 28.9/38

Out: 44.350+/-110.713 χ^2/NDF : 50.8/41

All: 46.861+/-108.903 χ^2/NDF : 79.7/80

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1127.414 $\pm$ 0.322 χ^2 /NDF: 23767585.9/23

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

Left In: 4536.997 $\pm$ 0.786 χ^2 /NDF: 1152802.9/21

Left: 1617.957 $\pm$ 0.298 χ^2 /NDF: 41040817.0/45

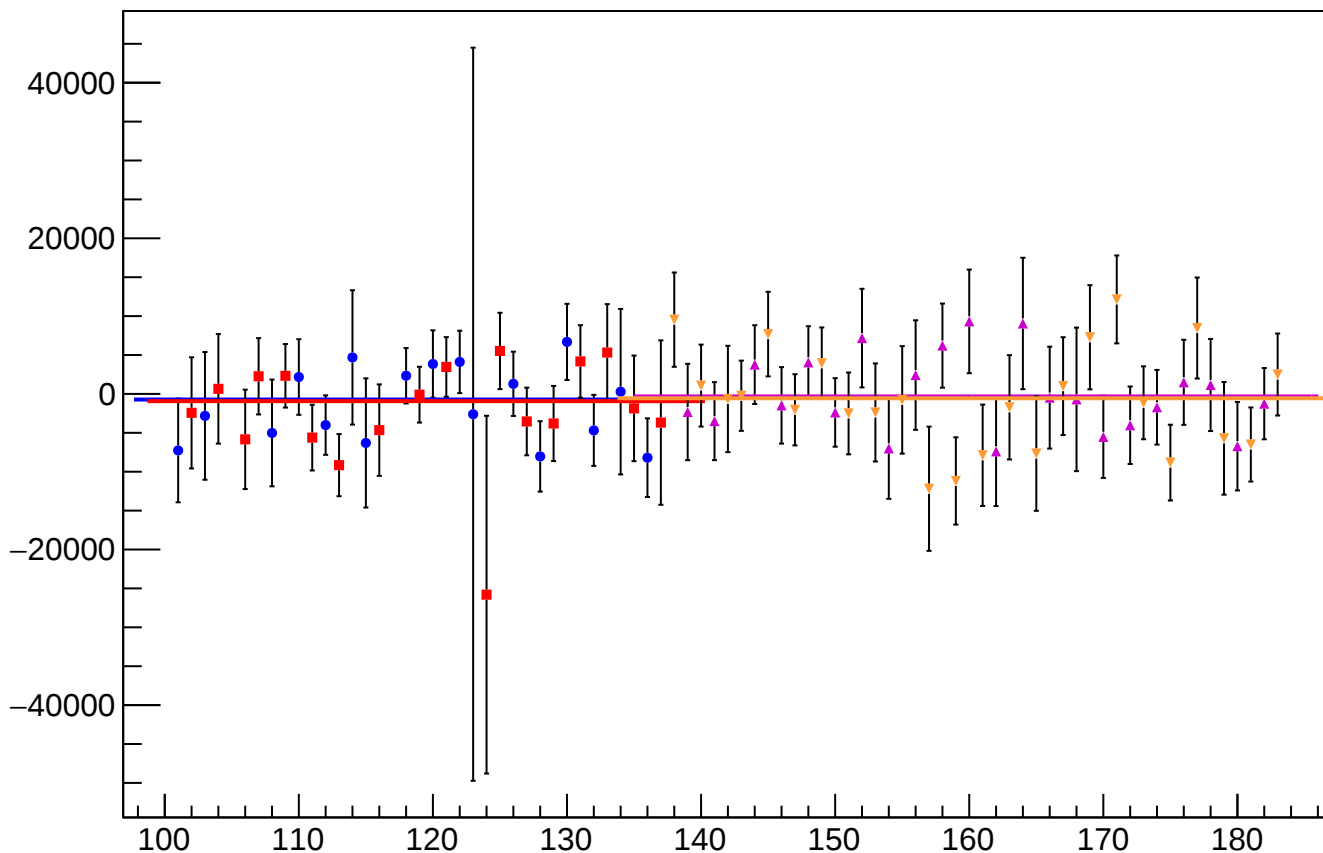
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2303.084 $\pm$ 0.428 χ^2 /NDF: 18873612.7/38

Out: 138.890 $\pm$ 0.078 χ^2 /NDF: 46891538.4/41

All: 209.063 $\pm$ 0.077 χ^2 /NDF: 90545131.6/80

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -560.279+/-1157.620 χ^2/NDF :28.1/23

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

Left In: -325.032+/-1196.057 χ^2/NDF :13.8/21

Left: -446.497+/-831.818 χ^2/NDF : 42.0/45

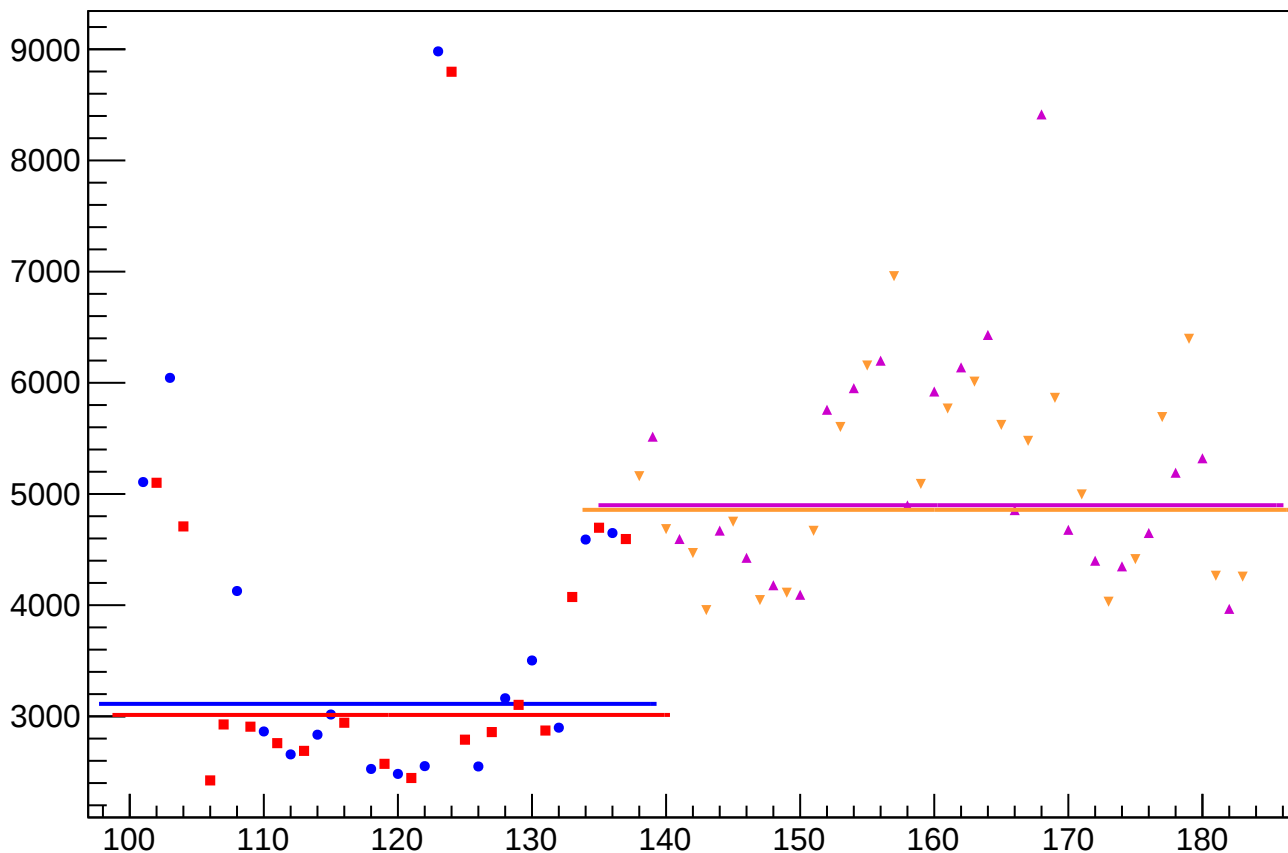
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -514.121+/-865.012 χ^2/NDF :28.6/38

Out: -740.180+/-831.279 χ^2/NDF :43.1/41

All: -631.644+/-599.374 χ^2/NDF : 71.7/80

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4857.432 $\pm$ 0.819 χ^2 /NDF: 897745.9/23

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

Left In: 4899.045 $\pm$ 0.846 χ^2 /NDF: 940331.0/21

Left: 4877.559 $\pm$ 0.588 χ^2 /NDF: 1839326.9/45

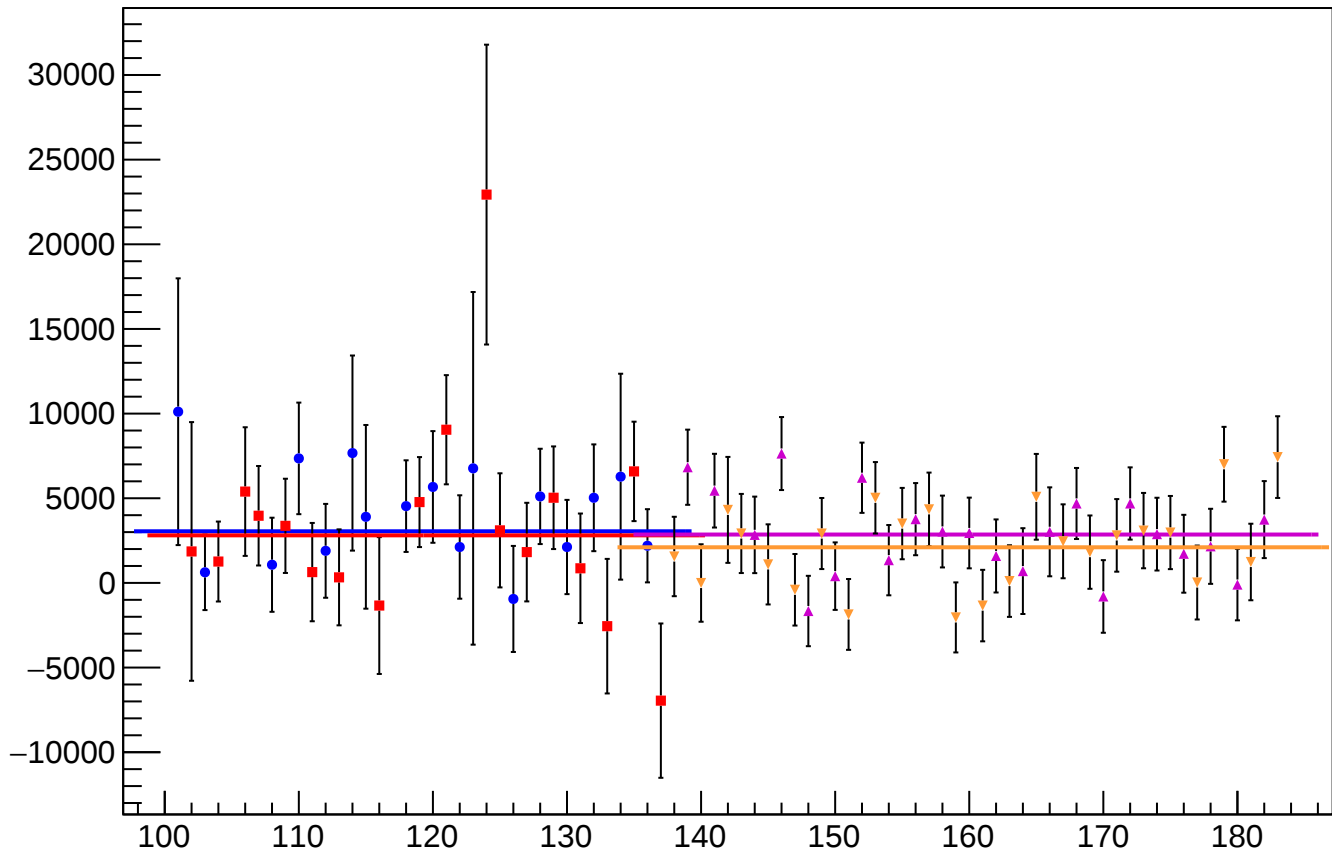
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 4046.815 $\pm$ 0.612 χ^2 /NDF: 4027764.0/38

Out: 3952.366 $\pm$ 0.584 χ^2 /NDF: 4163714.4/41

All: 3997.423 $\pm$ 0.422 χ^2 /NDF: 8203947.4/80

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2103.899+/-453.871 χ^2/NDF :30.6/23

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

Left In: 2857.152+/-463.723 χ^2/NDF :27.1/21

Left: 2472.439+/-324.362 χ^2/NDF : 59.0/45

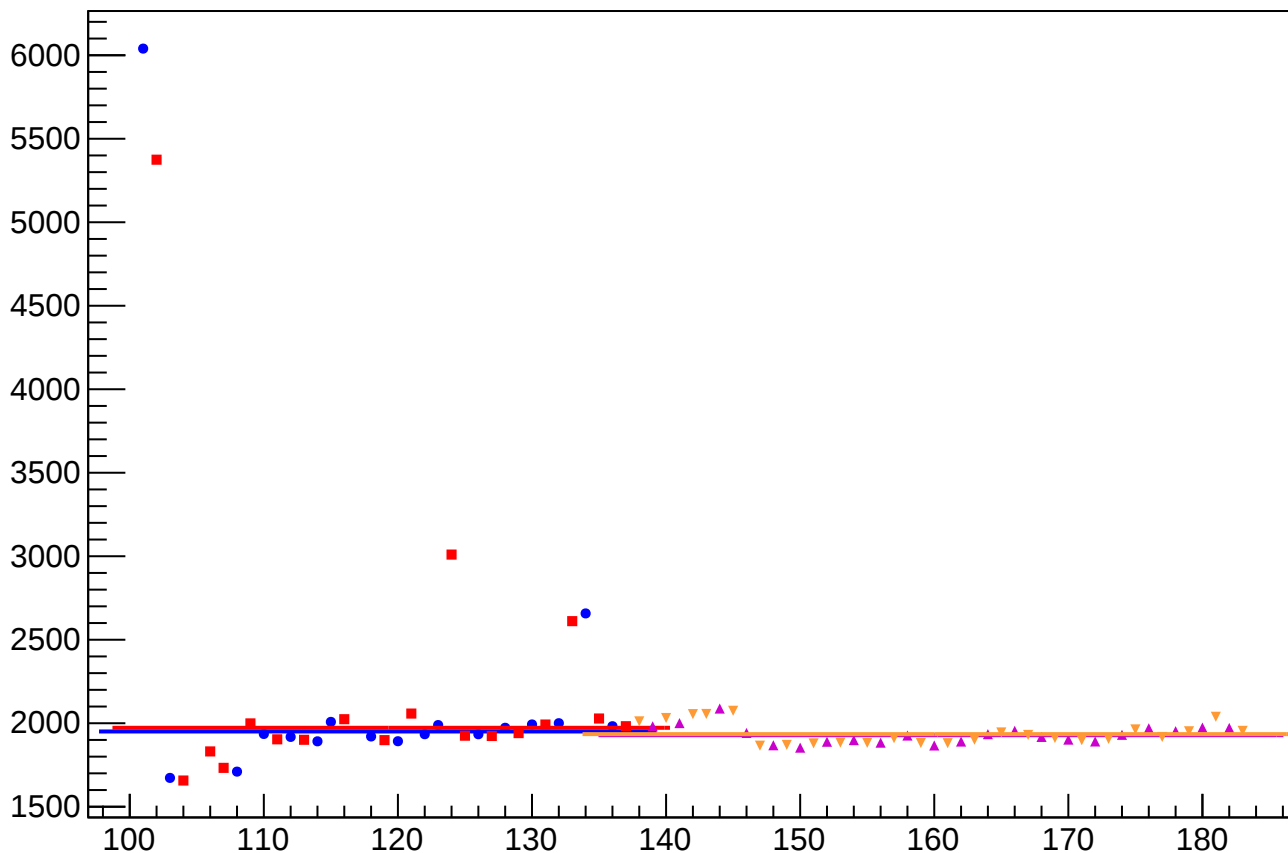
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 2908.010+/-397.564 χ^2/NDF :36.4/38

Out: 2287.076+/-390.502 χ^2/NDF :53.3/41

All: 2591.979+/-278.590 χ^2/NDF : 90.9/80

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.796+/-0.321 χ^2/NDF : 38231.4/23

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

Left In: 1928.291+/-0.328 χ^2/NDF : 25991.8/21

Left: 1931.614+/-0.229 χ^2/NDF : 64424.2/45

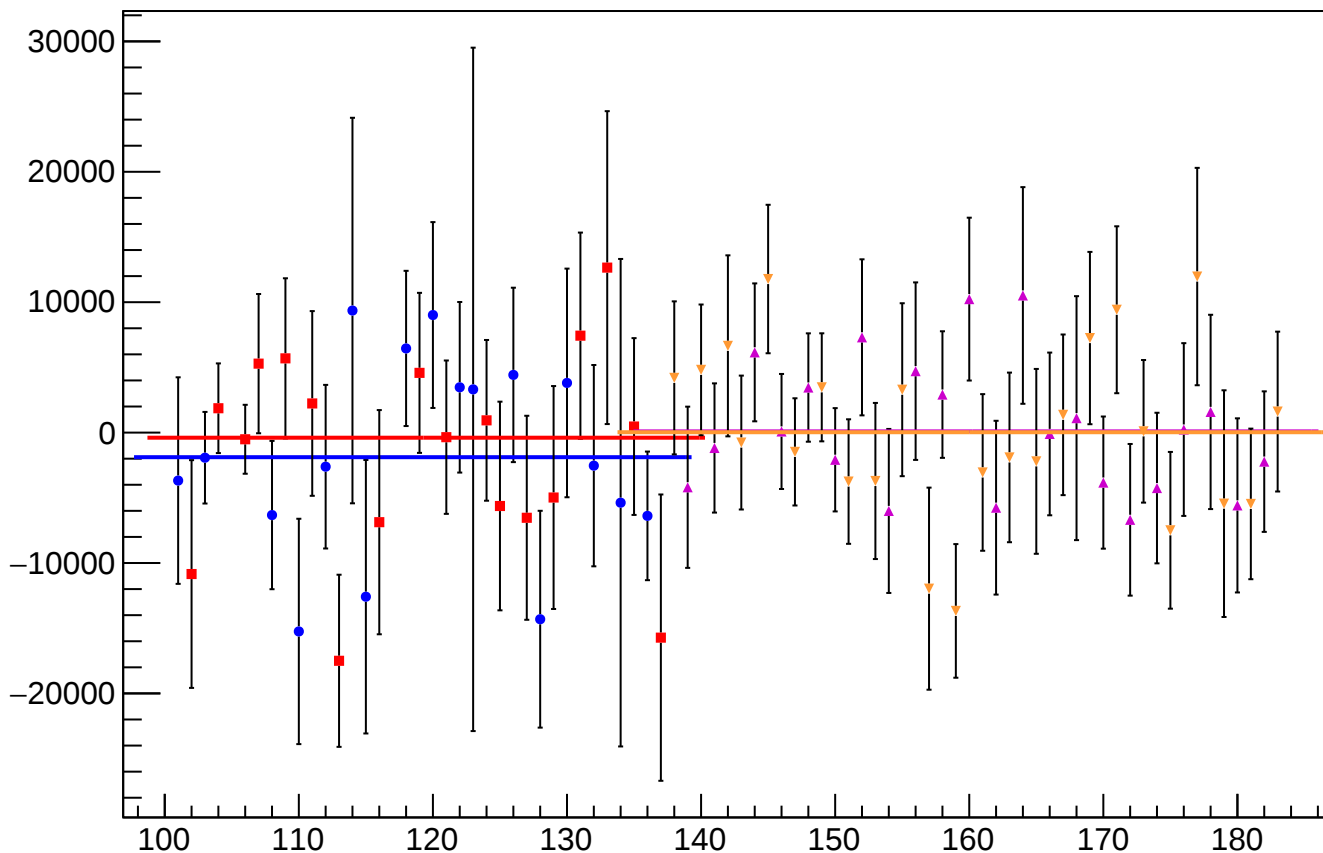
Right: 1961.803+/-0.385 χ^2/NDF : 1151656.3/34

In: 1934.227+/-0.281 χ^2/NDF : 642393.8/38

Out: 1944.657+/-0.276 χ^2/NDF : 577532.7/41

All: 1939.536+/-0.197 χ^2/NDF : 1220627.2/80

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 29.013 $\pm$ 1182.207 χ^2 /NDF:27.1/23

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

Left In: 93.698 $\pm$ 1204.746 χ^2 /NDF:14.5/21

Left: 60.745 $\pm$ 843.802 χ^2 /NDF: 41.6/45

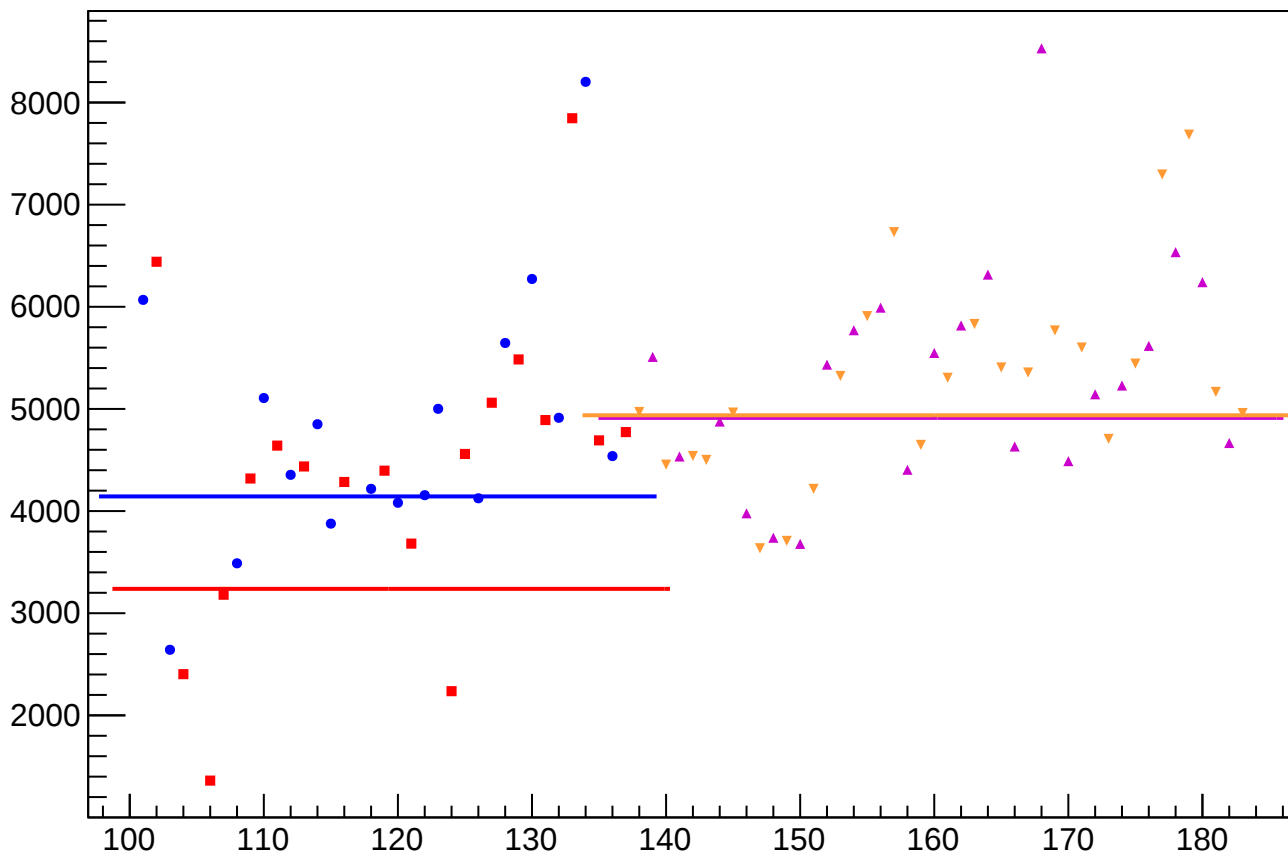
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -590.138 $\pm$ 974.617 χ^2 /NDF:29.5/38

Out: -151.702 $\pm$ 892.706 χ^2 /NDF:44.7/41

All: -351.725 $\pm$ 658.295 χ^2 /NDF: 74.3/80

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4937.759 $\pm$ 0.836 χ^2 /NDF:1123998.4/23

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

Left In: 4912.424 $\pm$ 0.852 χ^2 /NDF:1240001.4/21

Left: 4925.330 $\pm$ 0.597 χ^2 /NDF: 2364450.3/45

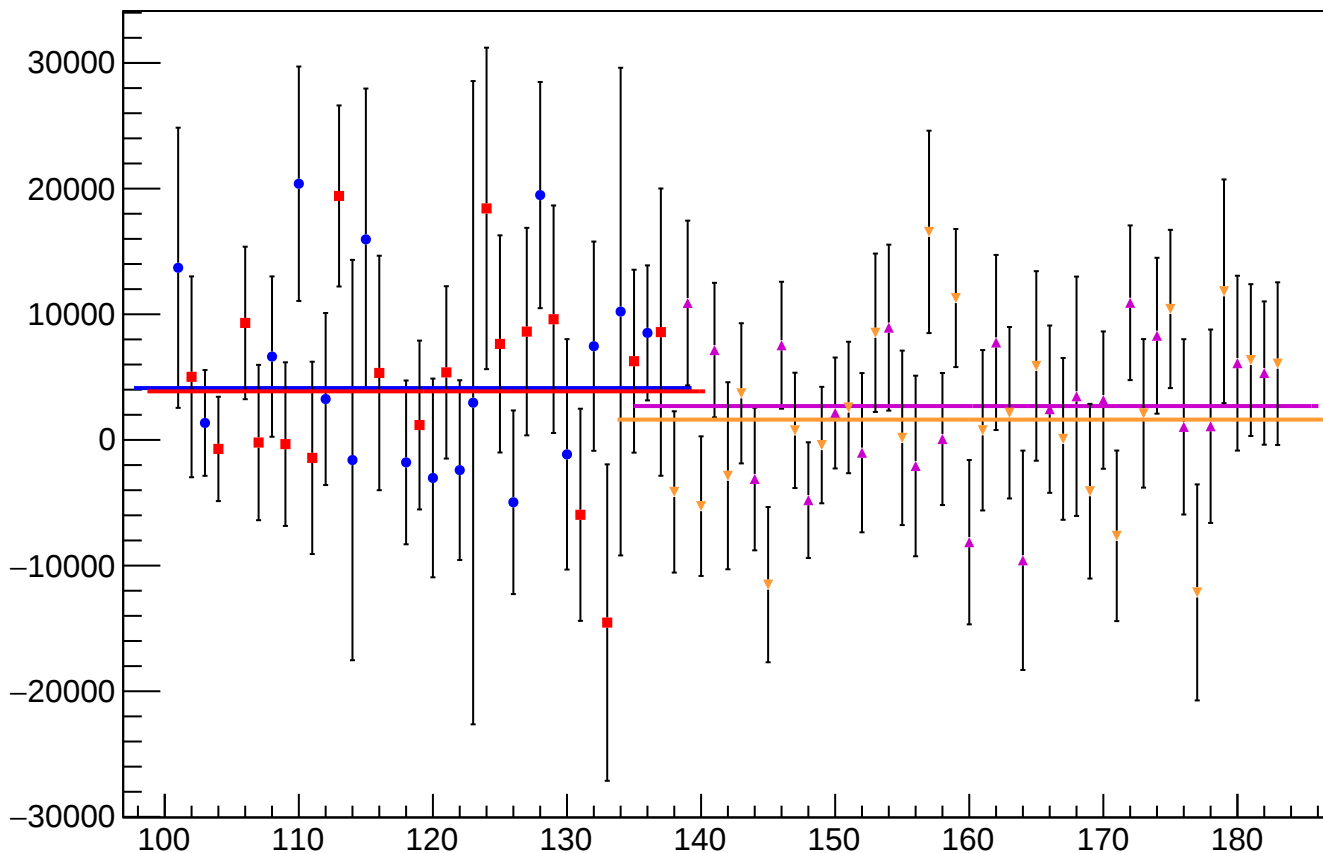
Right: 3603.092 $\pm$ 0.744 χ^2 /NDF: 3793704.0/34

In: 4646.715 $\pm$ 0.689 χ^2 /NDF:2377514.0/38

Out: 4207.462 $\pm$ 0.631 χ^2 /NDF:5481697.3/41

All: 4407.857 $\pm$ 0.465 χ^2 /NDF: 8080122.1/80

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1617.825+/-1270.436 χ^2/NDF : 25.3/23

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

Left In: 2694.811+/-1295.655 χ^2/NDF : 17.2/21

Left: 2145.734+/-907.119 χ^2/NDF : 42.8/45

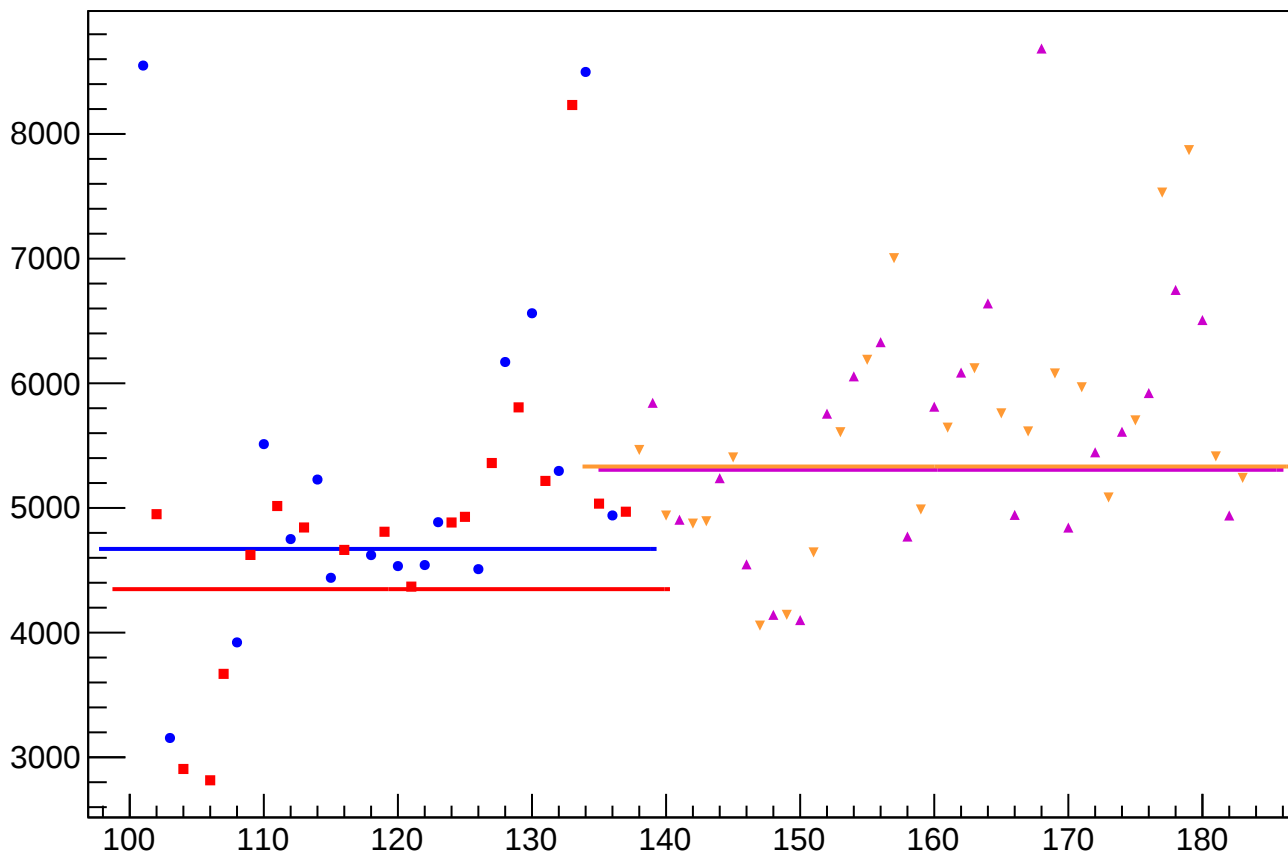
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3161.560+/-1063.714 χ^2/NDF : 31.3/38

Out: 2407.120+/-1023.464 χ^2/NDF : 40.6/41

All: 2769.797+/-737.517 χ^2/NDF : 72.2/80

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5332.350+/-0.898 χ^2/NDF : 867396.5/23

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

Left In: 5306.236+/-0.916 χ^2/NDF : 959784.4/21

Left: 5319.549+/-0.641 χ^2/NDF : 1827595.1/45

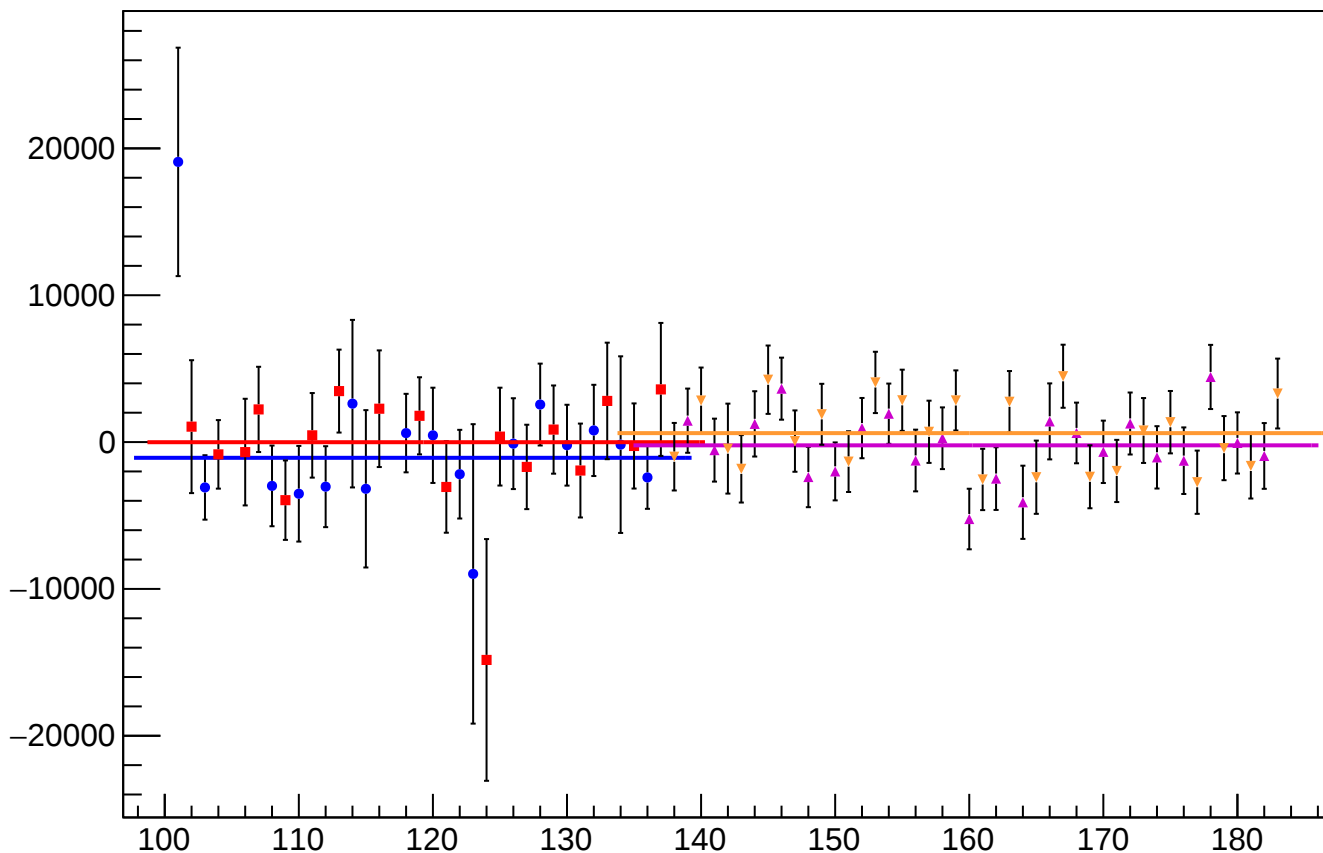
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5099.264+/-0.752 χ^2/NDF : 1902455.8/38

Out: 4984.480+/-0.722 χ^2/NDF : 2083829.7/41

All: 5039.542+/-0.521 χ^2/NDF : 3998402.4/80

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 609.688+/-447.590 χ^2/NDF : 28.0/23

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

Left In: -222.170+/-457.571 χ^2/NDF : 23.6/21

Left: 202.930+/-319.964 χ^2/NDF : 53.3/45

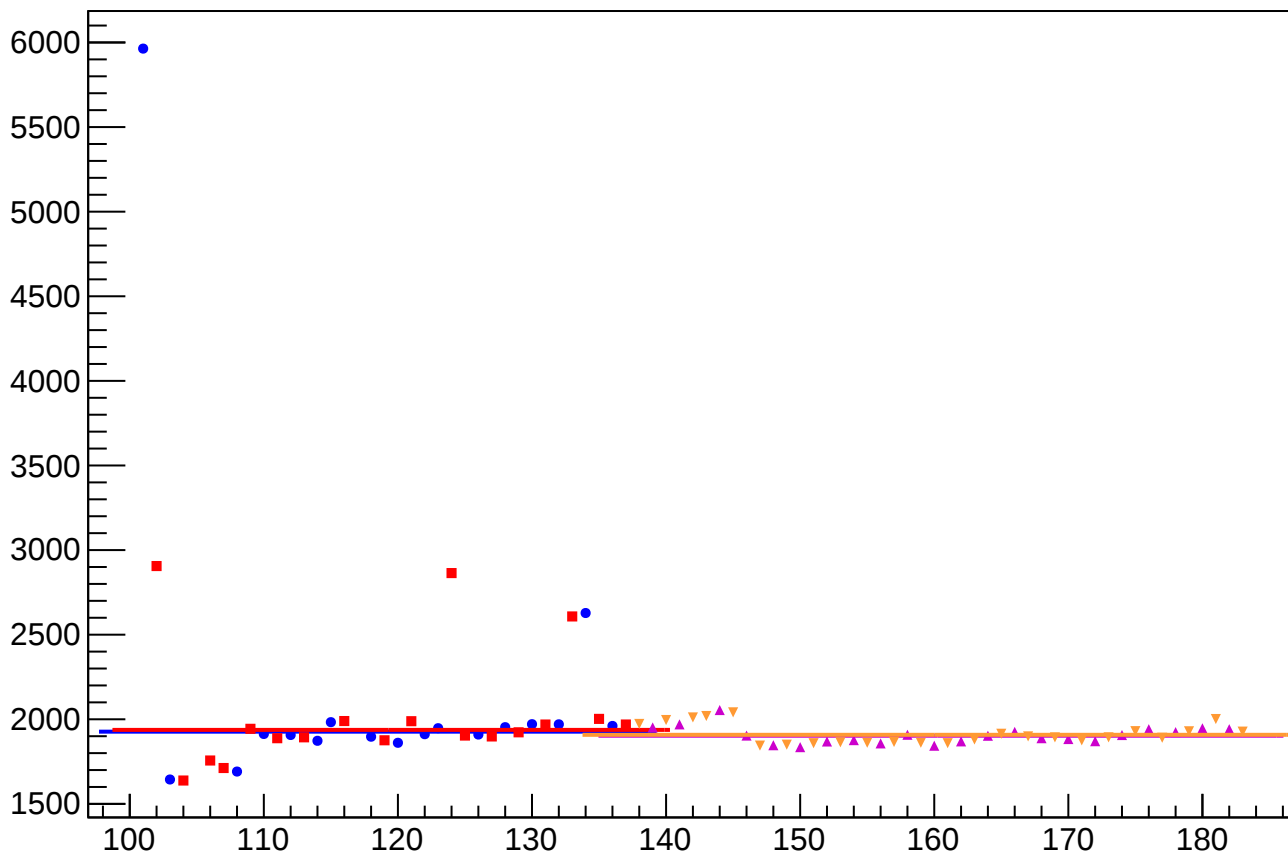
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -446.775+/-392.412 χ^2/NDF : 38.2/38

Out: 446.620+/-384.092 χ^2/NDF : 40.0/41

All: 9.494+/-274.488 χ^2/NDF : 80.8/80

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 $\pm$ 0.540 χ^2 /NDF: 617116.3/16

Left Out: 1908.233 $\pm$ 0.316 χ^2 /NDF: 32743.4/23

Right Out: 1937.280 $\pm$ 0.529 χ^2 /NDF: 229079.5/17

Left In: 1902.834 $\pm$ 0.324 χ^2 /NDF: 23219.1/21

Left: 1905.593 $\pm$ 0.226 χ^2 /NDF: 56104.7/45

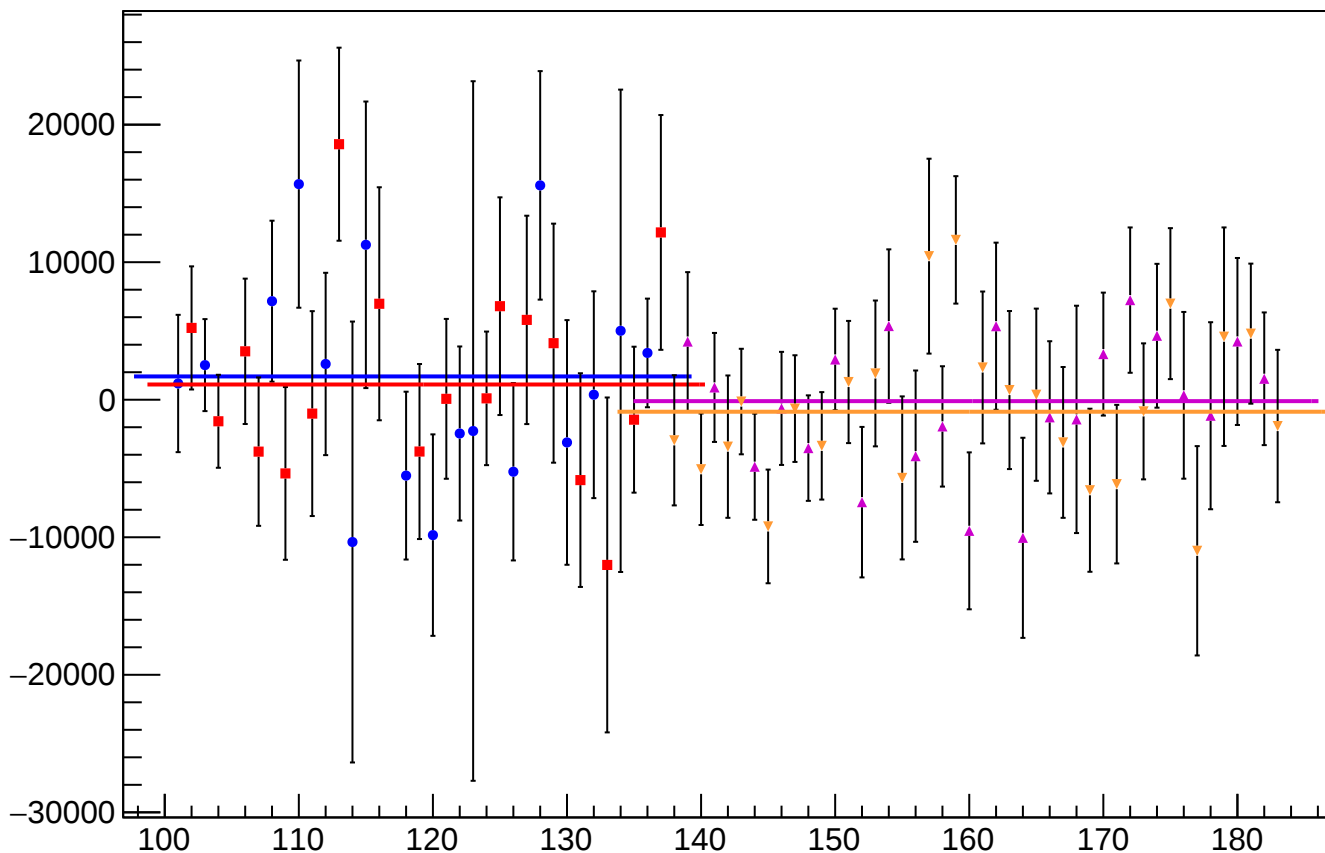
Right: 1932.191 $\pm$ 0.378 χ^2 /NDF: 846384.9/34

In: 1909.197 $\pm$ 0.277 χ^2 /NDF: 641797.7/38

Out: 1915.898 $\pm$ 0.272 χ^2 /NDF: 264045.7/41

All: 1912.620 $\pm$ 0.194 χ^2 /NDF: 906141.3/80

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -872.382+/-1030.669 χ^2/NDF : 25.0/23

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

Left In: -102.518+/-1066.257 χ^2/NDF : 16.6/21

Left: -500.512+/-741.055 χ^2/NDF : 41.9/45

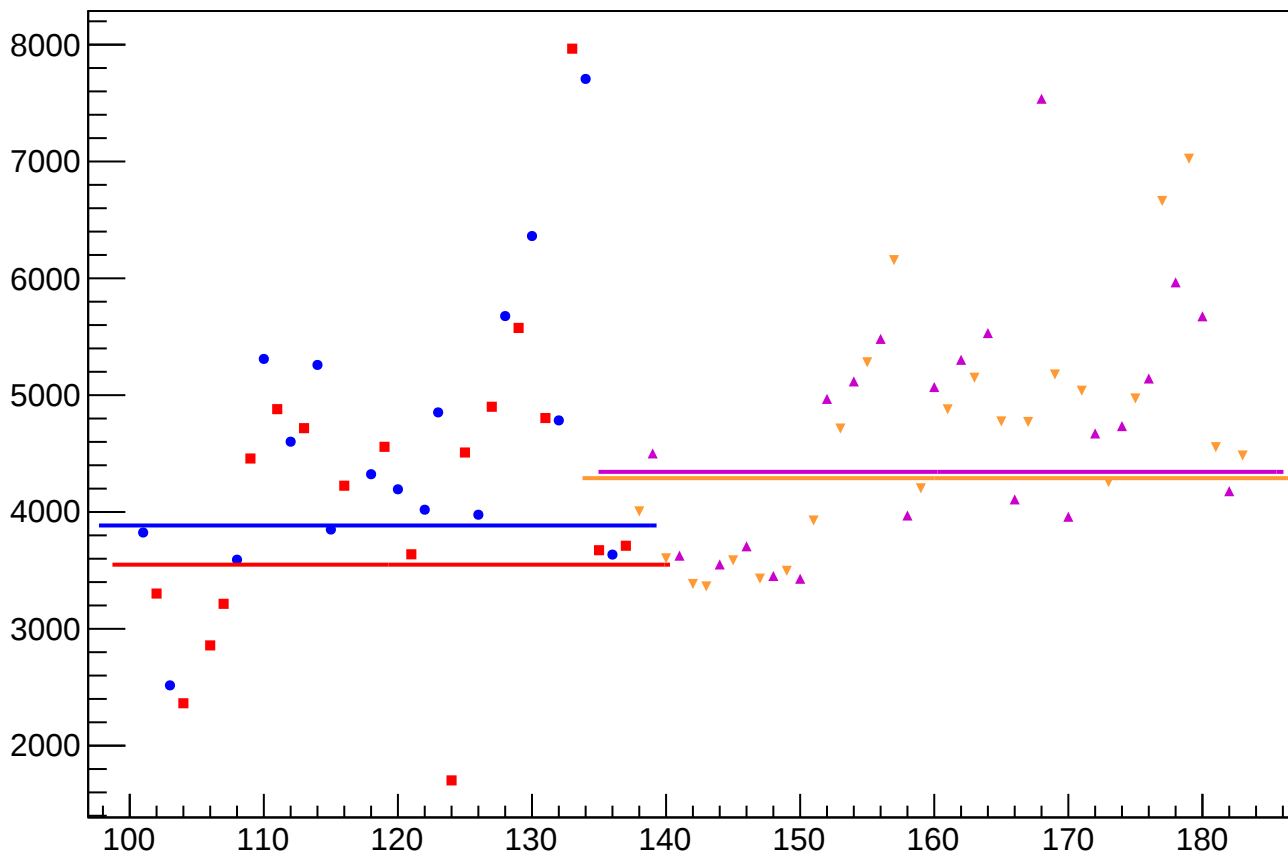
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 473.556+/-878.826 χ^2/NDF : 31.2/38

Out: -184.468+/-832.626 χ^2/NDF : 42.1/41

All: 126.794+/-604.429 χ^2/NDF : 73.6/80

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4289.736 $\pm$ 0.729 χ^2 /NDF:1346280.1/23

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

Left In: 4343.572 $\pm$ 0.754 χ^2 /NDF:1295295.5/21

Left: 4315.740 $\pm$ 0.524 χ^2 /NDF: 2644211.4/45

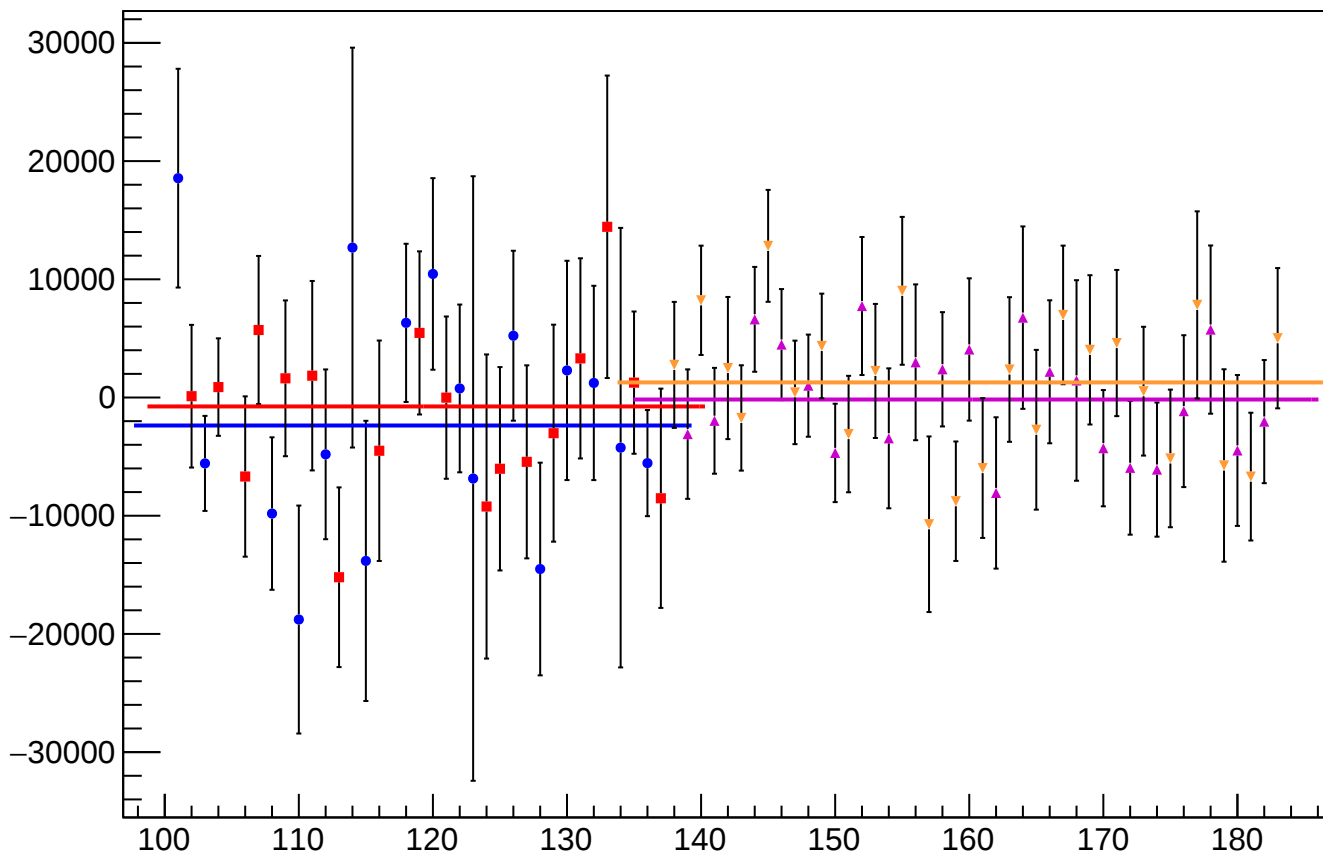
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4196.395 $\pm$ 0.621 χ^2 /NDF:2240689.9/38

Out: 4032.467 $\pm$ 0.589 χ^2 /NDF:3031955.0/41

All: 4110.009 $\pm$ 0.427 χ^2 /NDF: 5309315.9/80

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1276.241+/-1134.142 χ^2/NDF : 26.8/23

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

Left In: -168.365+/-1167.621 χ^2/NDF : 14.8/21

Left: 574.945+/-813.538 χ^2/NDF : 42.4/45

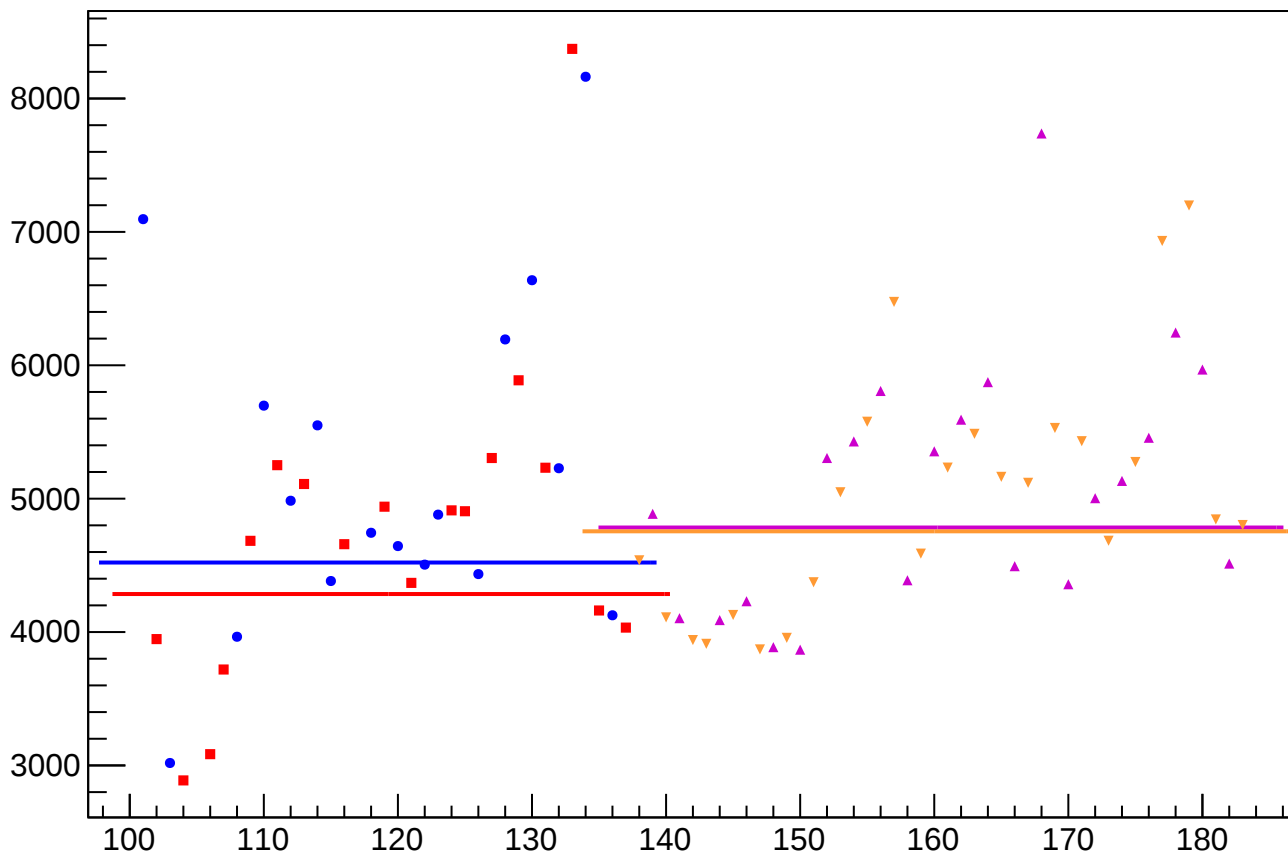
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -818.687+/-979.888 χ^2/NDF : 36.0/38

Out: 646.866+/-942.272 χ^2/NDF : 38.3/41

All: -57.241+/-679.196 χ^2/NDF : 75.4/80

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4755.199+/-0.802 χ^2/NDF : 952958.8/23

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

Left In: 4783.695+/-0.826 χ^2/NDF : 951012.7/21

Left: 4769.032+/-0.575 χ^2/NDF : 1904584.5/45

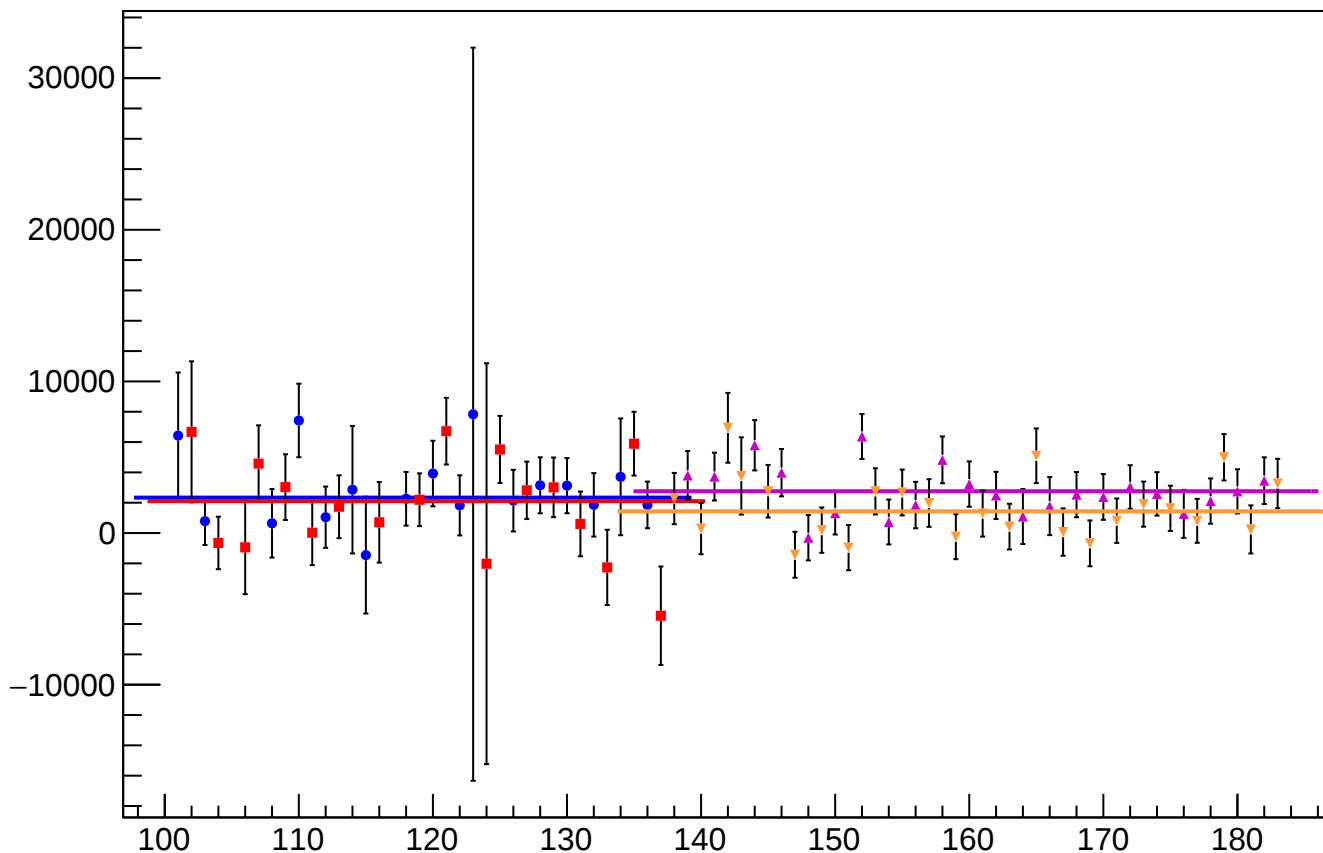
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4706.080+/-0.693 χ^2/NDF : 1759571.8/38

Out: 4608.460+/-0.665 χ^2/NDF : 1806624.3/41

All: 4655.276+/-0.480 χ^2/NDF : 3576526.5/80

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: 1433.144 $\pm$ 324.060 χ^2 /NDF:32.6/23

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

Left In: 2759.387 $\pm$ 327.743 χ^2 /NDF:22.7/21

Left: 2088.772 $\pm$ 230.436 χ^2 /NDF: 63.5/45

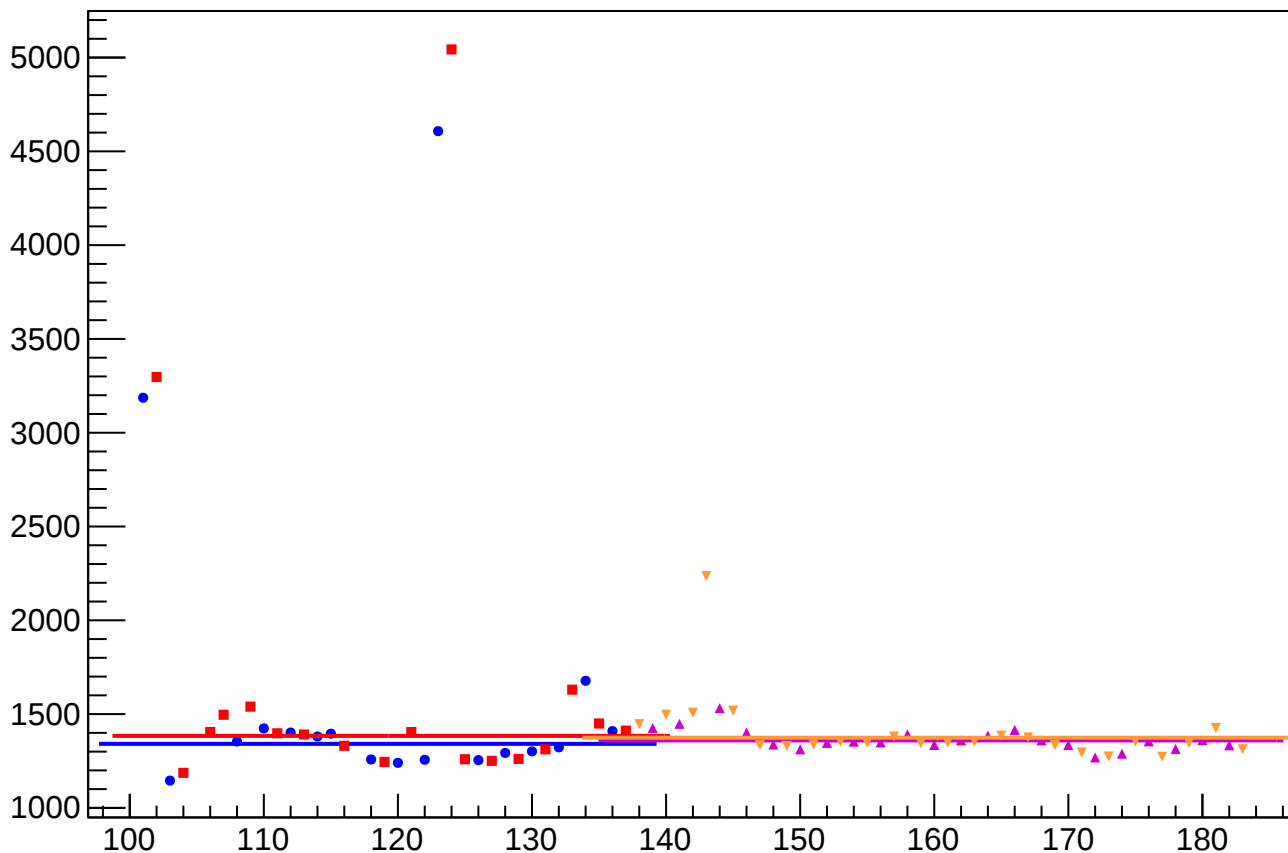
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2642.900 $\pm$ 278.916 χ^2 /NDF:32.8/38

Out: 1611.787 $\pm$ 277.813 χ^2 /NDF:60.1/41

All: 2125.300 $\pm$ 196.832 χ^2 /NDF: 99.7/80

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1374.188+/-0.229 χ^2/NDF : 302283.2/23

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

Left In: 1359.694+/-0.232 χ^2/NDF : 55037.2/21

Left: 1367.023+/-0.163 χ^2/NDF : 359298.2/45

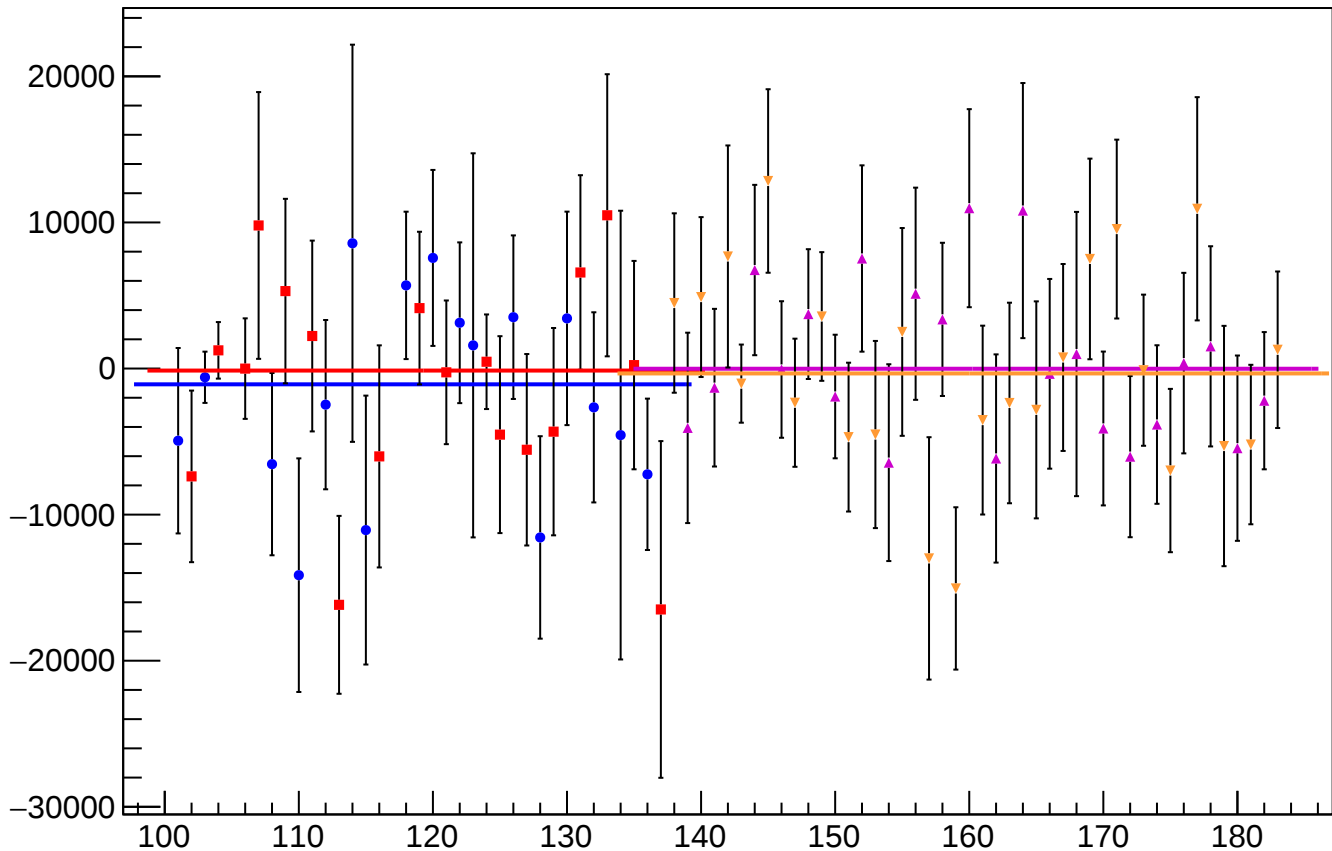
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1354.642+/-0.197 χ^2/NDF : 561032.5/38

Out: 1376.768+/-0.196 χ^2/NDF : 896607.5/41

All: 1365.750+/-0.139 χ^2/NDF : 1463959.0/80

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -335.823 $\pm$ 1131.690 χ^2 /NDF:28.0/23

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

Left In: -14.347 $\pm$ 1239.329 χ^2 /NDF:14.1/21

Left: -189.650 $\pm$ 835.693 χ^2 /NDF: 42.2/45

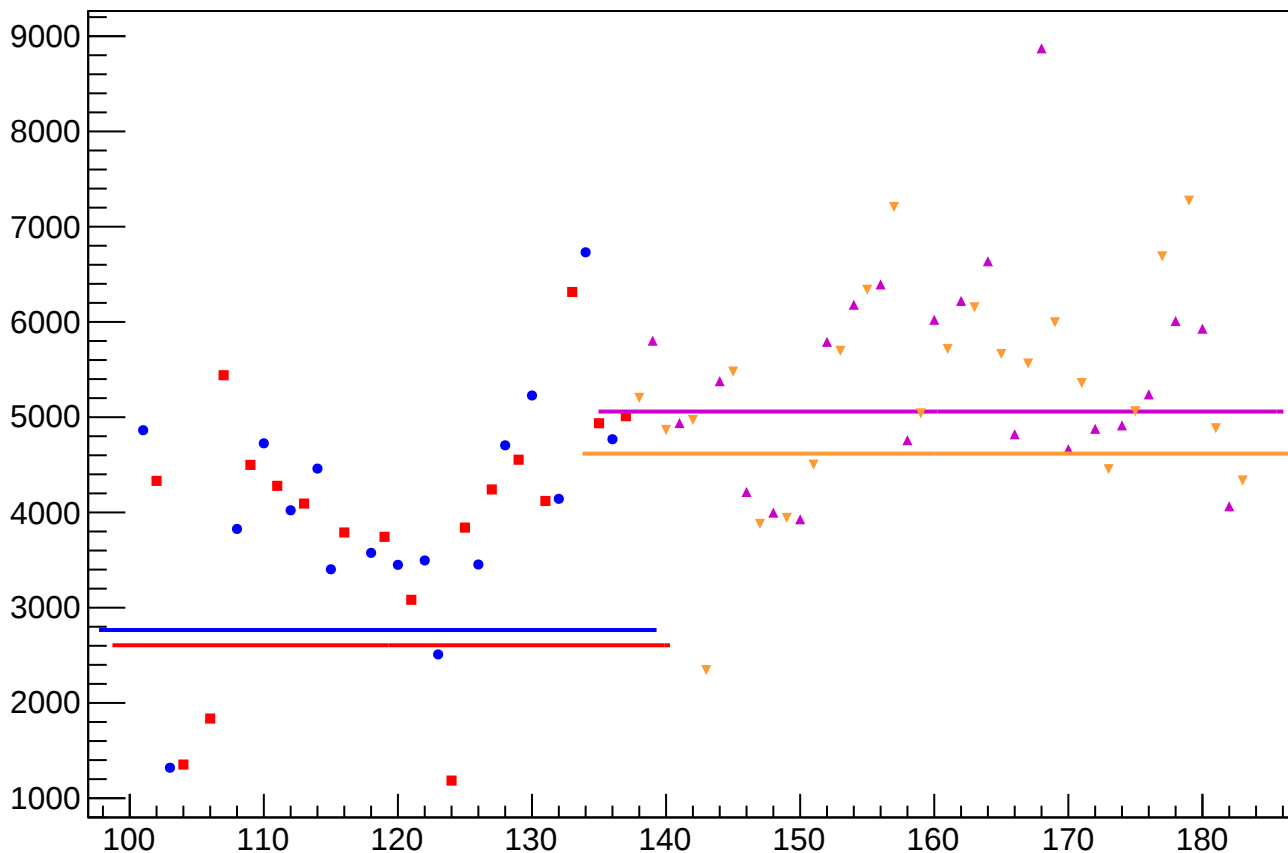
Right: -576.559 $\pm$ 826.355 χ^2 /NDF: 33.3/34

In: -559.416 $\pm$ 866.654 χ^2 /NDF:29.5/38

Out: -237.124 $\pm$ 799.386 χ^2 /NDF:46.0/41

All: -385.278 $\pm$ 587.595 χ^2 /NDF: 75.6/80

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: 4617.470 $\pm$ 0.800 χ^2 /NDF: 2724290.0/23

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

Left In: 5059.059 $\pm$ 0.876 χ^2 /NDF: 1162366.3/21

Left: 4818.259 $\pm$ 0.591 χ^2 /NDF: 4025119.1/45

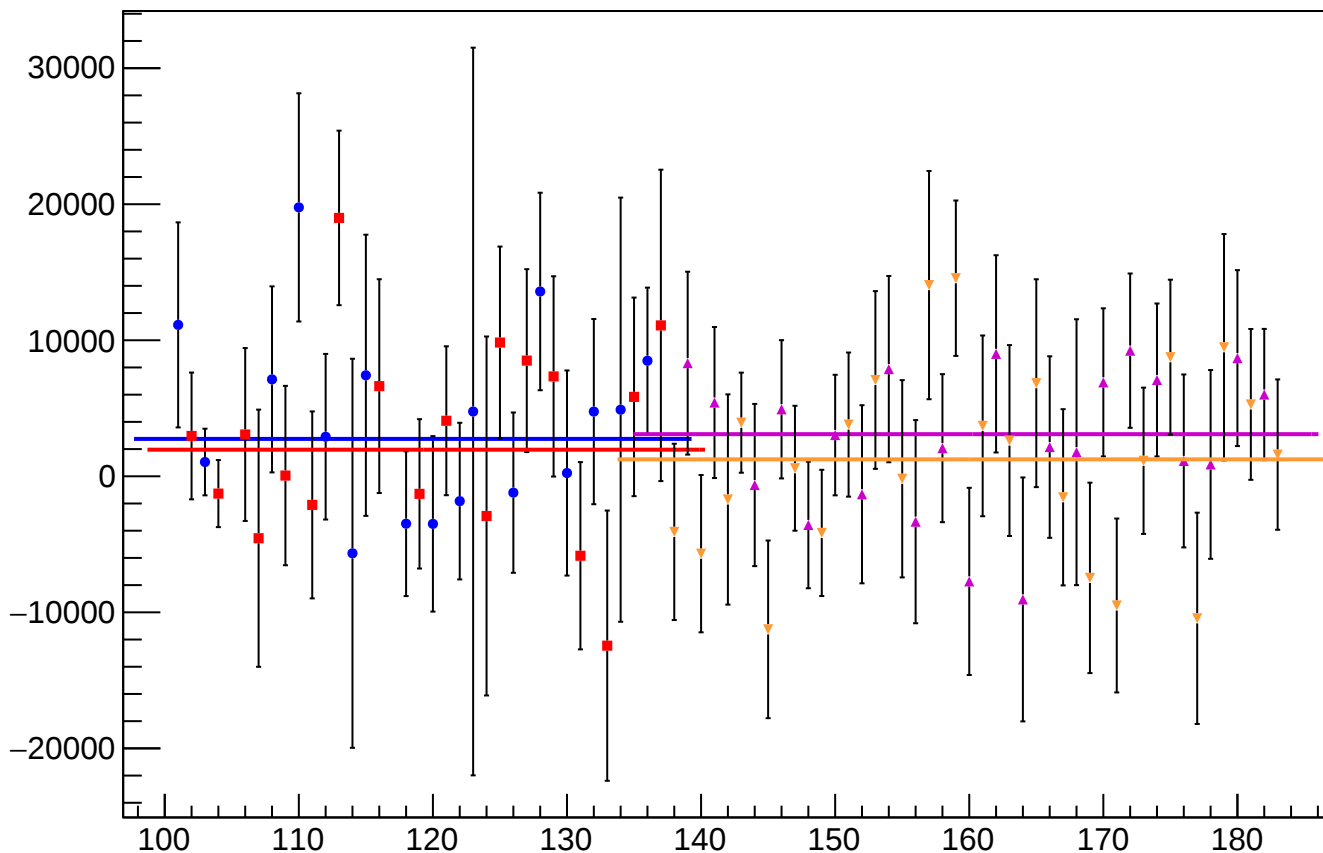
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3887.195 $\pm$ 0.613 χ^2 /NDF: 7600896.0/38

Out: 3609.388 $\pm$ 0.565 χ^2 /NDF: 9213901.9/41

All: 3737.093 $\pm$ 0.415 χ^2 /NDF: 16925834.9/86

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: 1244.332+/-1216.961 χ^2/NDF : 27.5/23

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

Left In: 3097.050+/-1281.101 χ^2/NDF : 13.6/21

Left: 2123.152+/-882.326 χ^2/NDF : 42.1/45

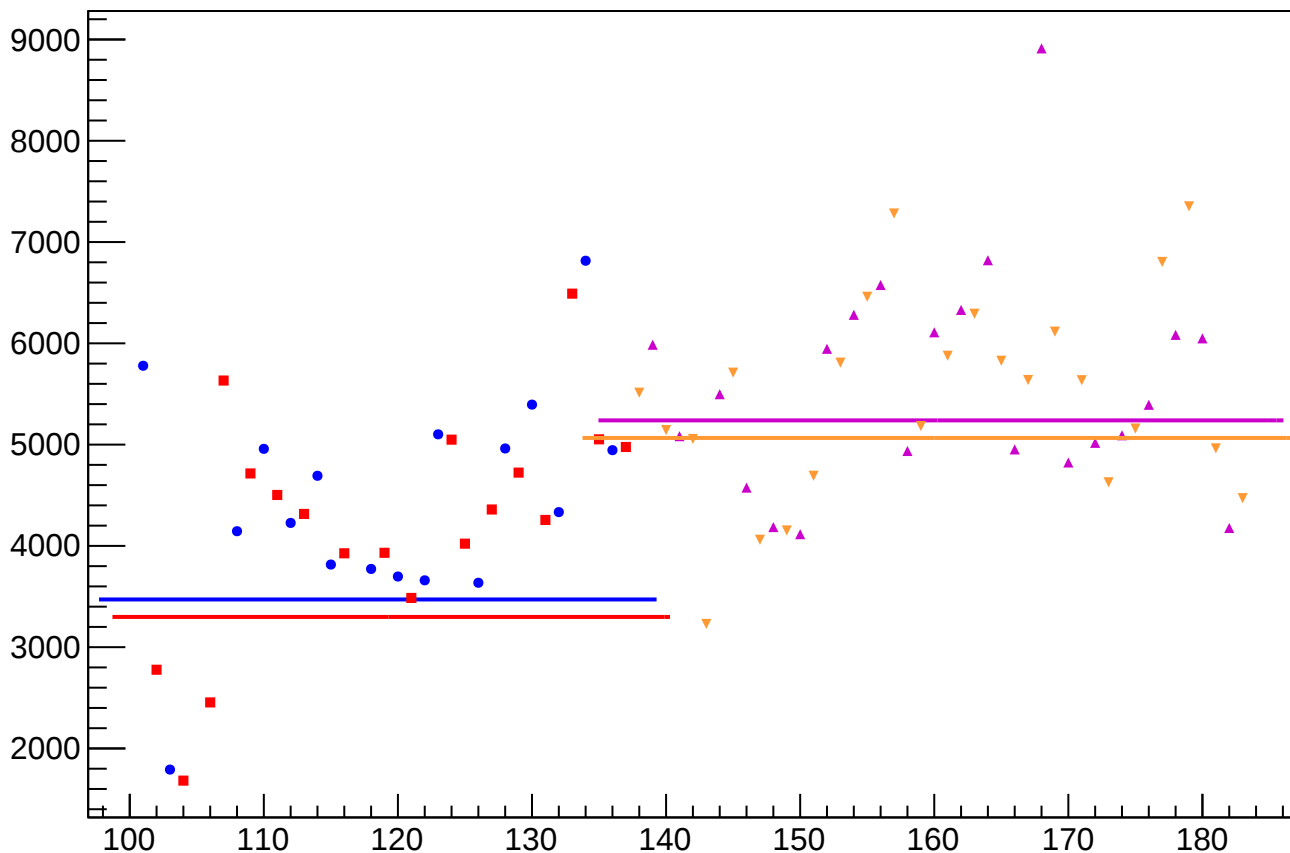
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2943.753+/-959.085 χ^2/NDF : 27.4/38

Out: 1554.539+/-913.990 χ^2/NDF : 45.4/41

All: 2215.719+/-661.656 χ^2/NDF : 73.9/80

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: 5065.902+/-0.861 χ^2/NDF : 1427455.7/23

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

Left In: 5239.279+/-0.906 χ^2/NDF : 1036014.5/21

Left: 5148.142+/-0.624 χ^2/NDF : 2482725.5/45

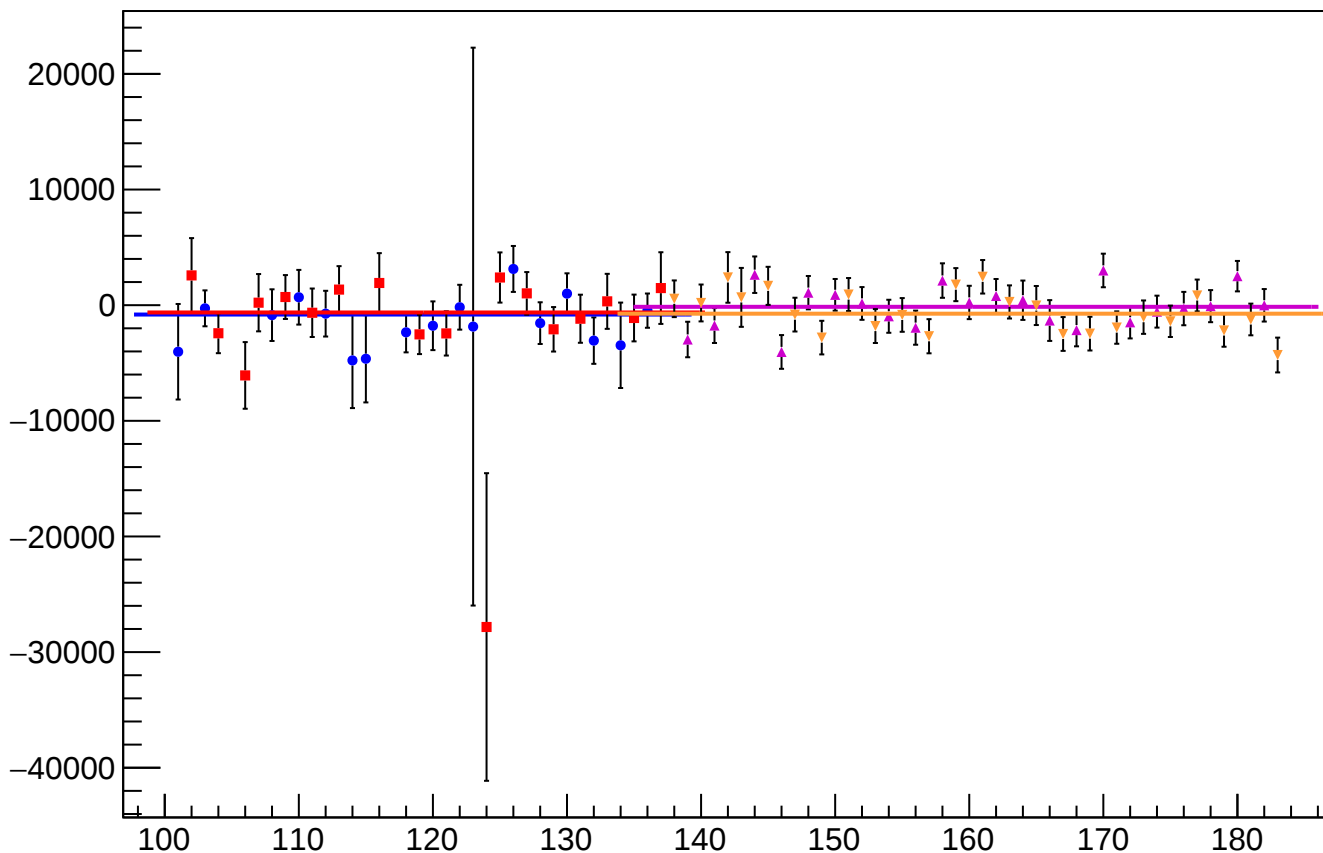
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4462.103+/-0.678 χ^2/NDF : 4478447.5/38

Out: 4287.480+/-0.644 χ^2/NDF : 5171231.9/41

All: 4370.239+/-0.467 χ^2/NDF : 9684558.8/80

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: -735.861+/-306.659 χ^2 /NDF:31.8/23

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

Left In: -141.163+/-310.679 χ^2 /NDF:33.1/21

Left: -442.384+/-218.248 χ^2 /NDF: 66.8/45

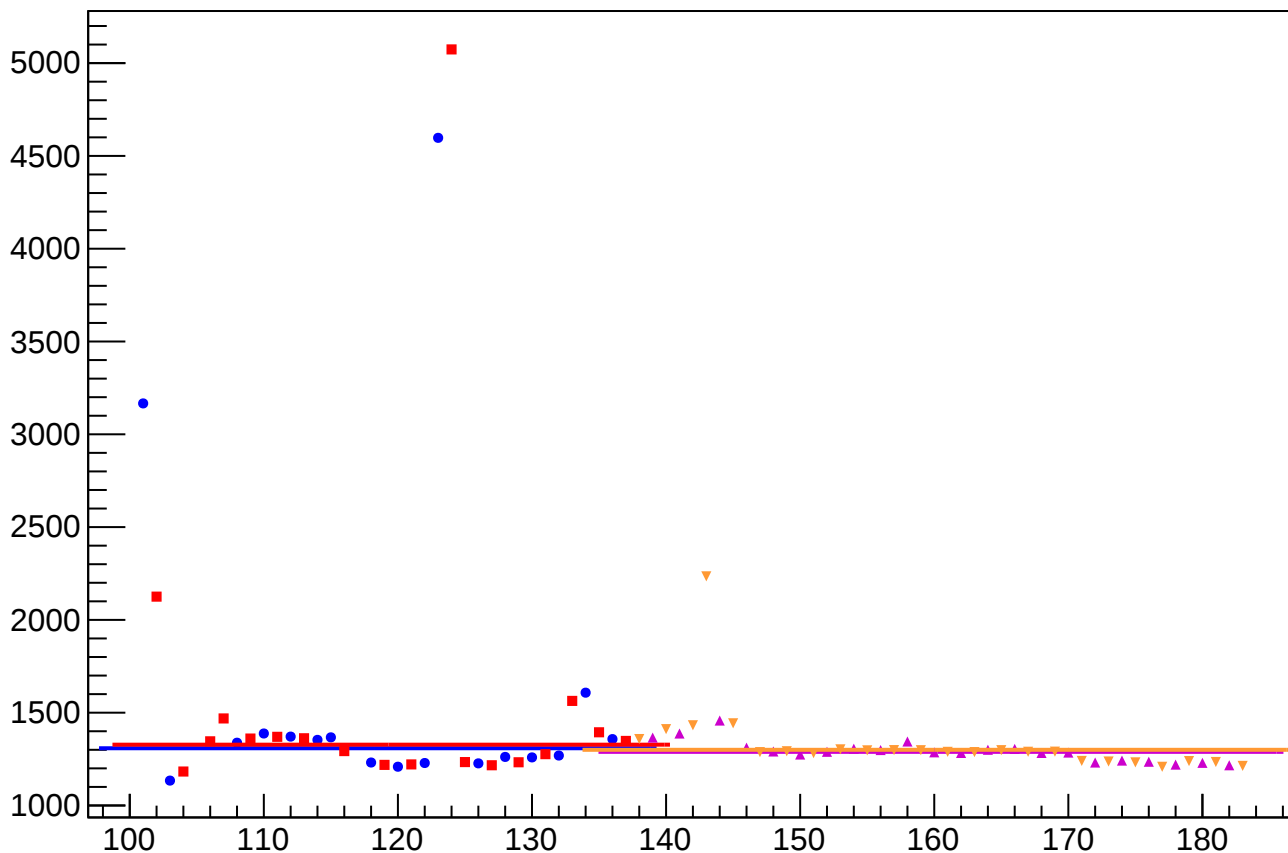
Right: -719.271+/-365.258 χ^2 /NDF: 29.8/34

In: -317.751+/-266.458 χ^2 /NDF:45.5/38

Out: -708.316+/-263.476 χ^2 /NDF:50.4/41

All: -515.232+/-187.351 χ^2 /NDF: 97.0/80

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: 1299.973+/-0.217 χ^2/NDF : 341178.3/23

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

Left In: 1288.958+/-0.220 χ^2/NDF : 63314.6/21

Left: 1294.537+/-0.154 χ^2/NDF : 405766.3/45

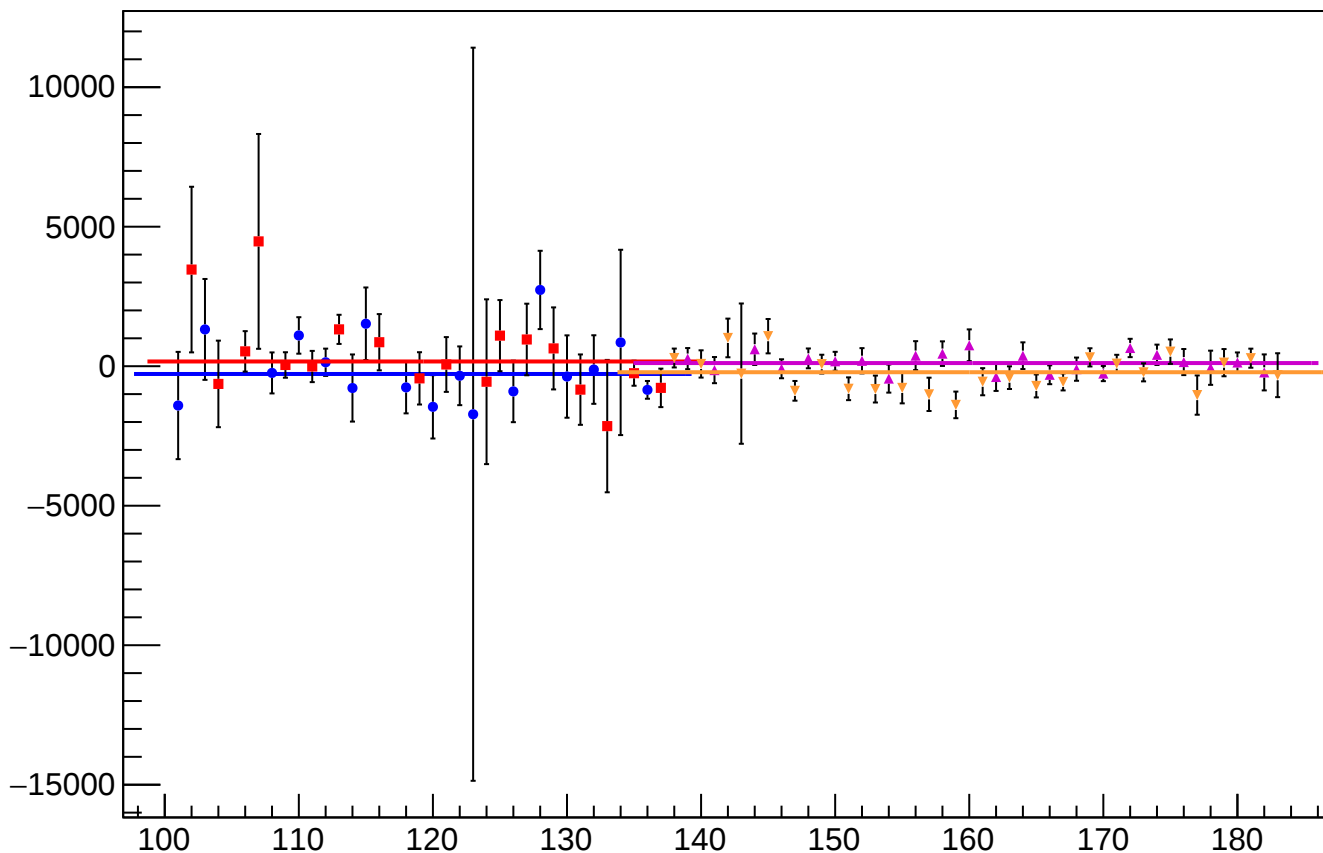
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1294.090+/-0.188 χ^2/NDF : 571923.5/38

Out: 1307.218+/-0.186 χ^2/NDF : 702773.0/41

All: 1300.728+/-0.132 χ^2/NDF : 1277151.3/80

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -215.504+/-86.751 χ^2/NDF : 40.9/23

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

Left In: 112.778+/-87.234 χ^2/NDF : 14.0/21

Left: -52.274+/-61.512 χ^2/NDF : 62.0/45

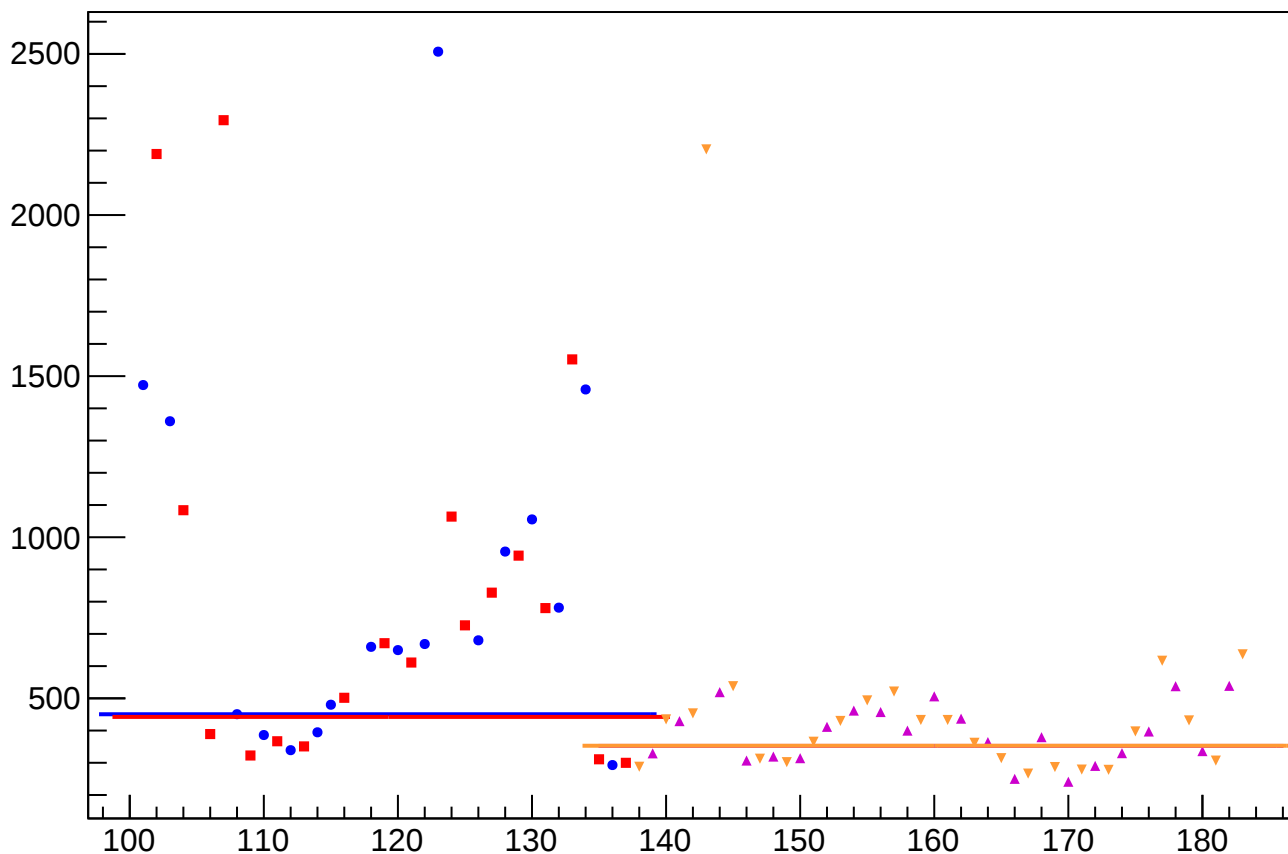
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 49.206+/-79.838 χ^2/NDF : 35.3/38

Out: -150.487+/-79.090 χ^2/NDF : 58.6/41

All: -51.580+/-56.188 χ^2/NDF : 97.0/80

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 352.858 $\pm$ 0.061 χ^2 /NDF:3086662.8/23

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

Left In: 352.251 $\pm$ 0.062 χ^2 /NDF:1732005.4/21

Left: 352.557 $\pm$ 0.043 χ^2 /NDF: 4818716.8/45

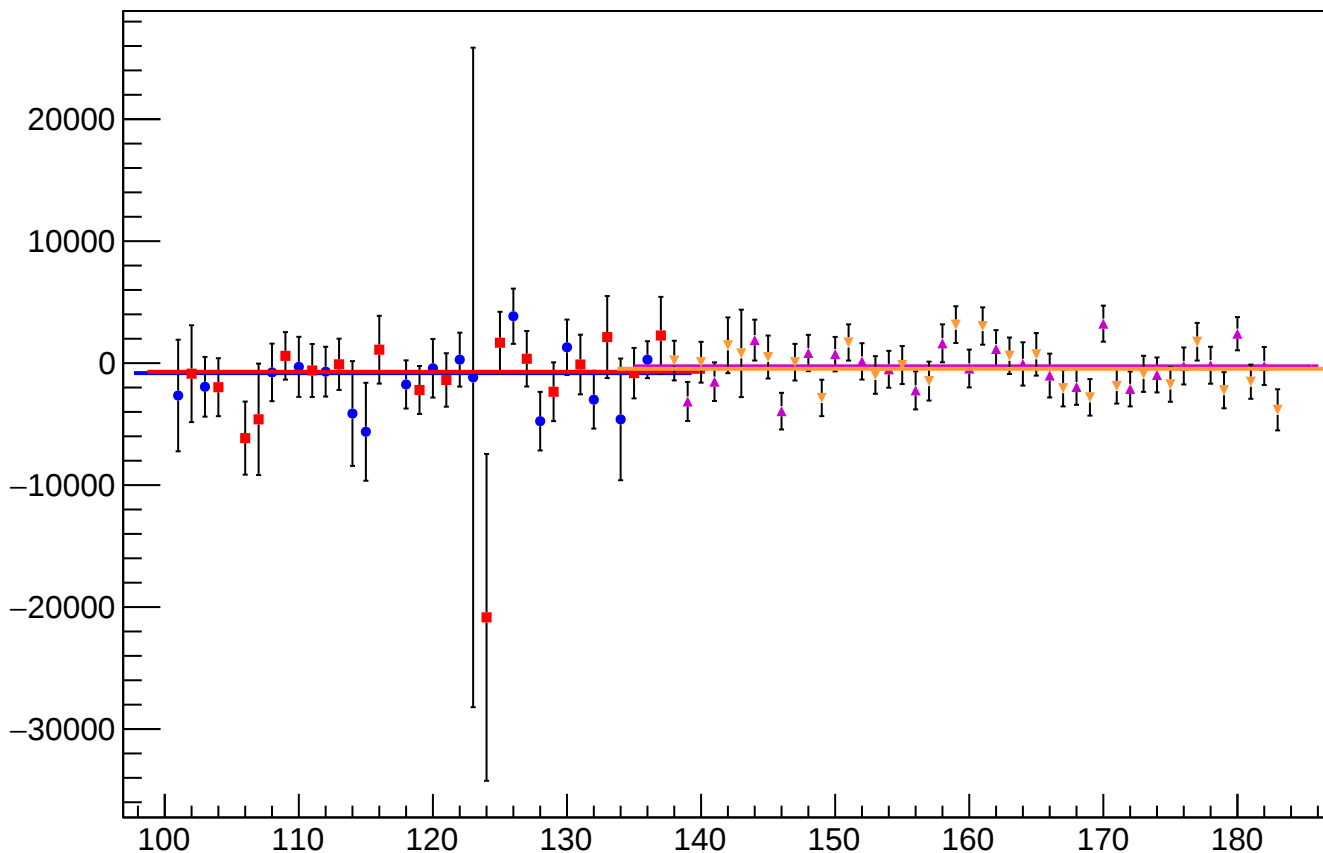
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 368.221 $\pm$ 0.056 χ^2 /NDF:5142505.6/38

Out: 367.970 $\pm$ 0.056 χ^2 /NDF:6814452.8/41

All: 368.094 $\pm$ 0.040 χ^2 /NDF: 11956968.5/80

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: -463.038+/-322.732 χ^2/NDF : 32.2/23

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

Left In: -264.461+/-325.492 χ^2/NDF : 29.5/21

Left: -364.595+/-229.176 χ^2/NDF : 61.9/45

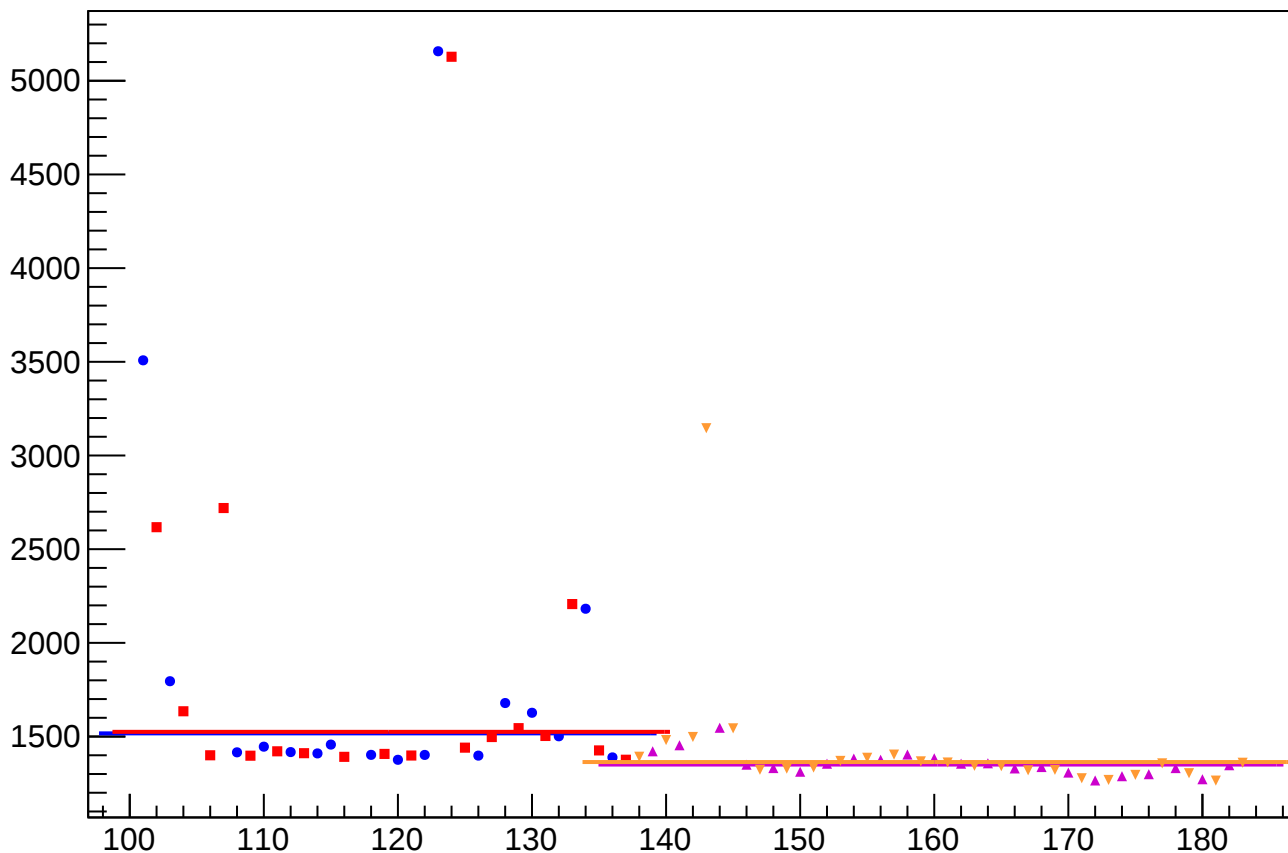
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -389.749+/-286.229 χ^2/NDF : 42.8/38

Out: -519.164+/-283.803 χ^2/NDF : 43.8/41

All: -455.007+/-201.531 χ^2/NDF : 86.7/80

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1363.907 ± 0.228 χ^2/NDF : 575065.4/23

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

Left In: 1350.488 ± 0.230 χ^2/NDF : 68633.9/21

Left: 1357.255 ± 0.162 χ^2/NDF : 645413.6/45

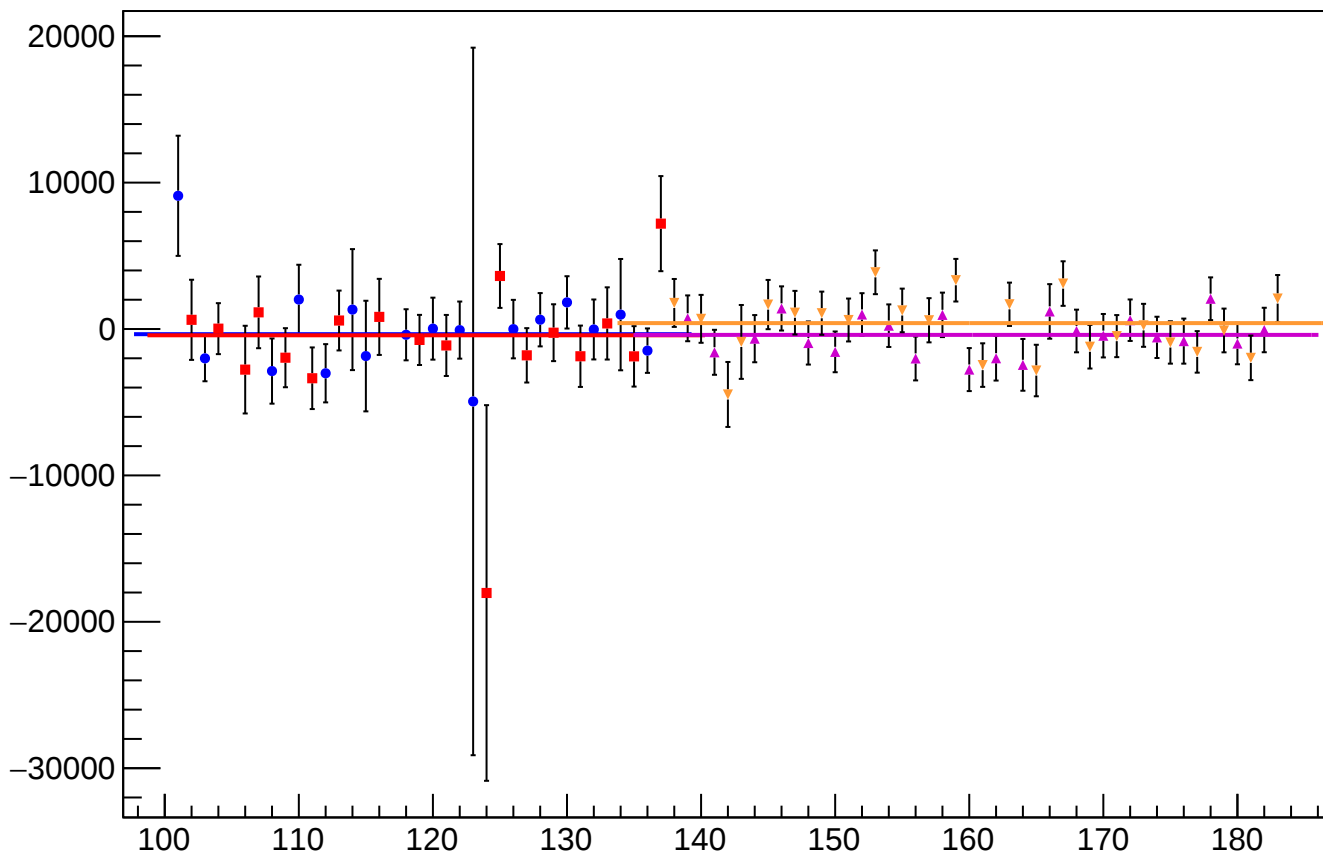
Right: 1521.052 ± 0.299 χ^2/NDF : 1113154.8/34

In: 1388.222 ± 0.202 χ^2/NDF : 728241.4/38

Out: 1400.450 ± 0.201 χ^2/NDF : 1260100.1/41

All: 1394.388 ± 0.143 χ^2/NDF : 1990181.9/80

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 403.233 ± 317.011 $\chi^2/\text{NDF}: 35.6/23$

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

Left In: -401.892 ± 320.958 $\chi^2/\text{NDF}: 16.0/21$

Left: 5.651 ± 225.543 $\chi^2/\text{NDF}: 54.8/45$

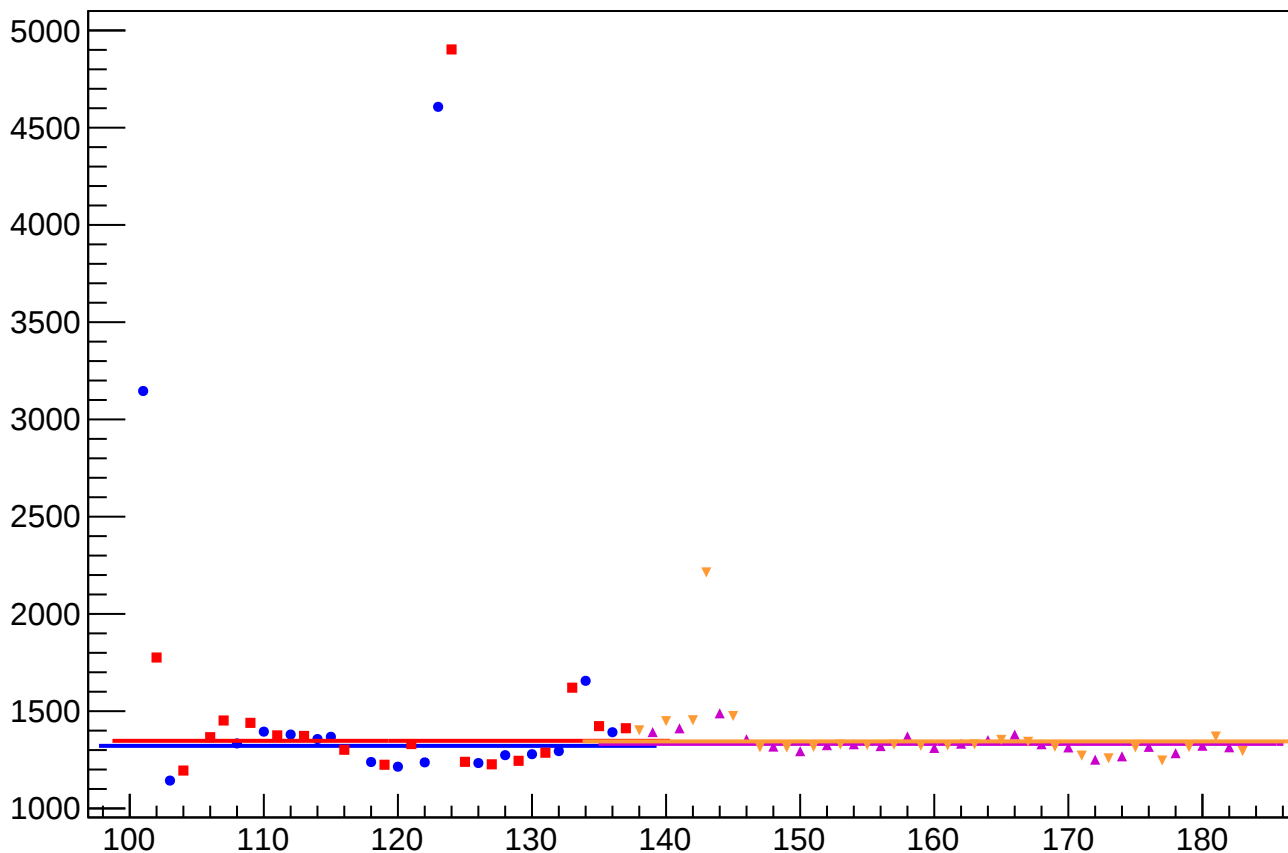
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -388.564 ± 273.600 $\chi^2/\text{NDF}: 29.4/38$

Out: 179.165 ± 271.006 $\chi^2/\text{NDF}: 54.3/41$

All: -101.995 ± 192.541 $\chi^2/\text{NDF}: 85.9/80$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1321.703+/-0.370 χ^2/NDF : 502245.7/16

Left Out: 1344.612+/-0.224 χ^2/NDF : 295531.3/23

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1331.861+/-0.227 χ^2/NDF : 46616.5/21

Left: 1338.315+/-0.159 χ^2/NDF : 343745.7/45

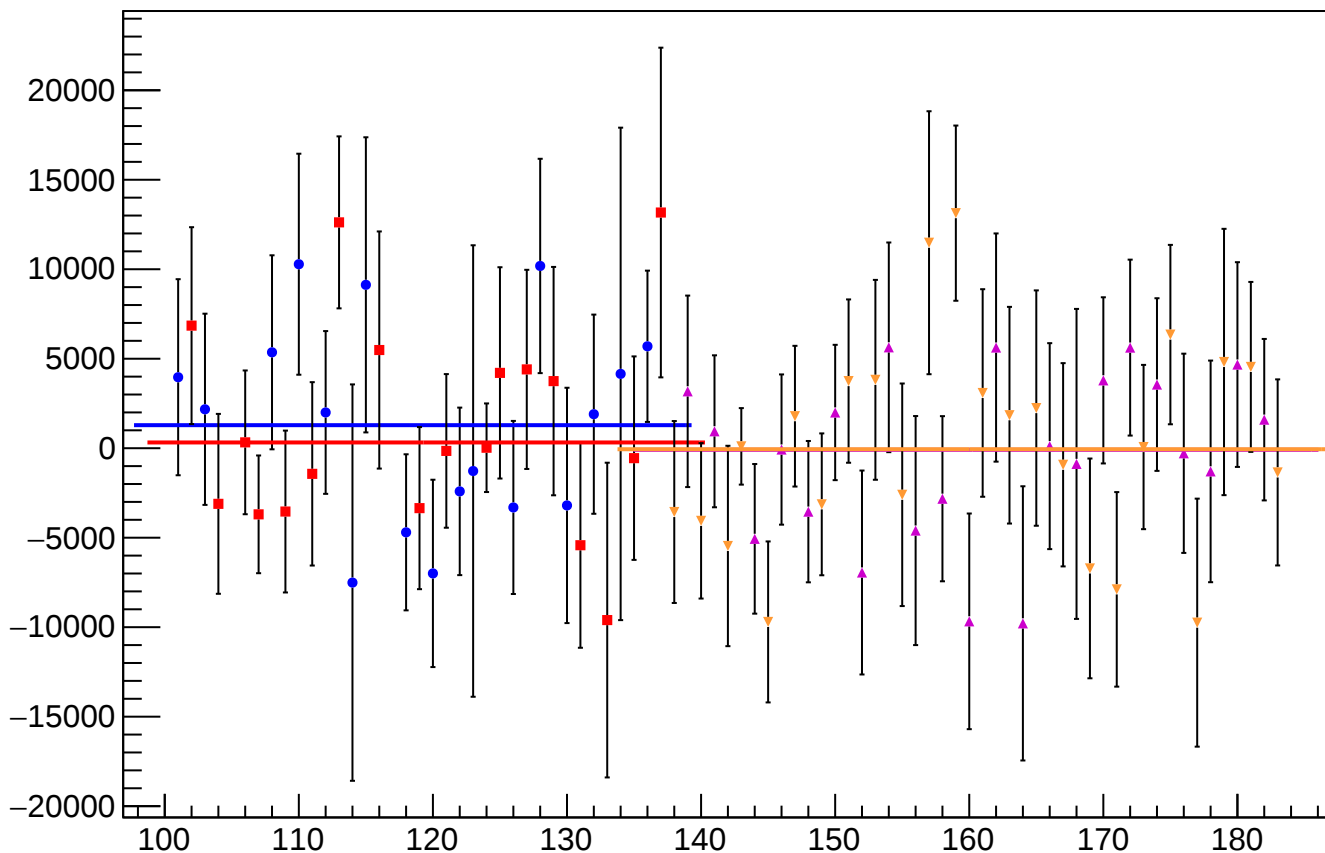
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1329.084+/-0.193 χ^2/NDF : 549409.8/38

Out: 1345.430+/-0.192 χ^2/NDF : 581881.8/41

All: 1337.336+/-0.136 χ^2/NDF : 1134895.1/80

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: -56.947+/-968.728 χ^2/NDF : 27.6/23

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

Left In: -89.338+/-1083.727 χ^2/NDF : 14.6/21

Left: -71.333+/-722.242 χ^2/NDF : 42.2/45

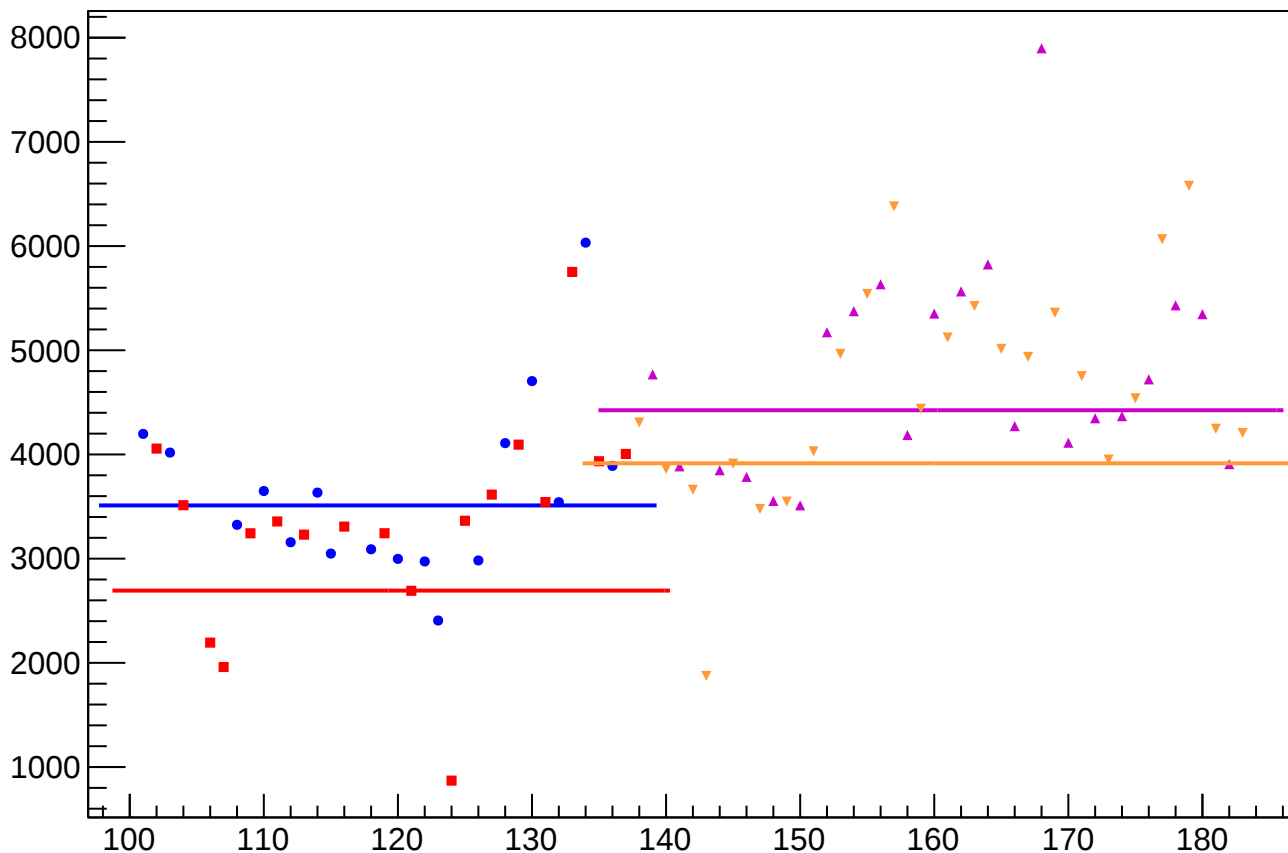
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 437.826+/-851.342 χ^2/NDF : 29.5/38

Out: 107.420+/-728.603 χ^2/NDF : 45.2/41

All: 247.109+/-553.556 χ^2/NDF : 74.8/80

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: 3915.321 $\pm$ 0.685 χ^2 /NDF:3323711.2/23

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

Left In: 4424.433 $\pm$ 0.766 χ^2 /NDF:1150548.4/21

Left: 4141.441 $\pm$ 0.511 χ^2 /NDF: 4719605.4/45

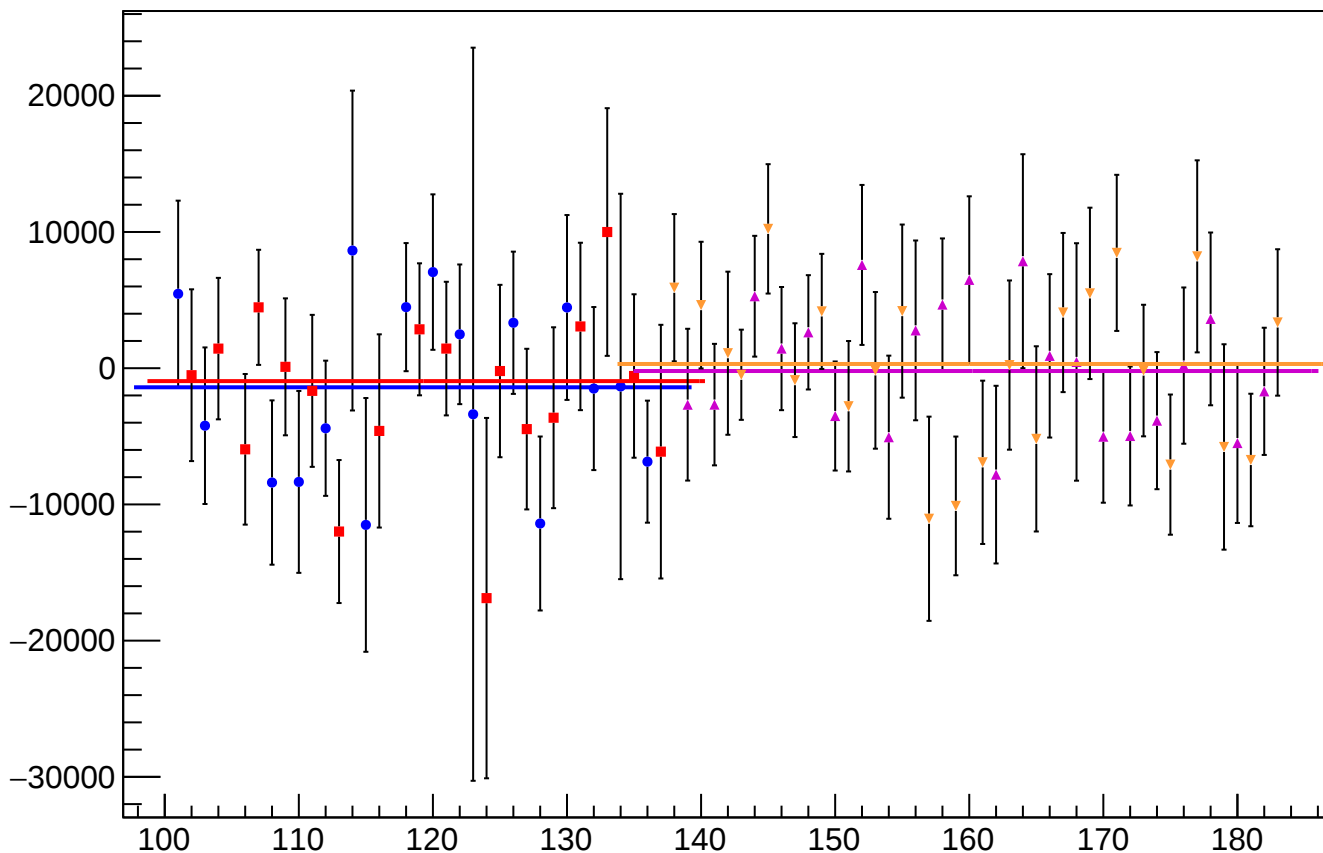
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4074.620 $\pm$ 0.602 χ^2 /NDF:2038854.5/38

Out: 3384.671 $\pm$ 0.515 χ^2 /NDF:6831338.7/41

All: 3676.368 $\pm$ 0.391 χ^2 /NDF: 9628414.6/80

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 309.978+/-1073.339 χ^2/NDF : 26.2/23

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

Left In: -206.589+/-1131.079 χ^2/NDF : 14.3/21

Left: 65.216+/-778.578 χ^2/NDF : 40.6/45

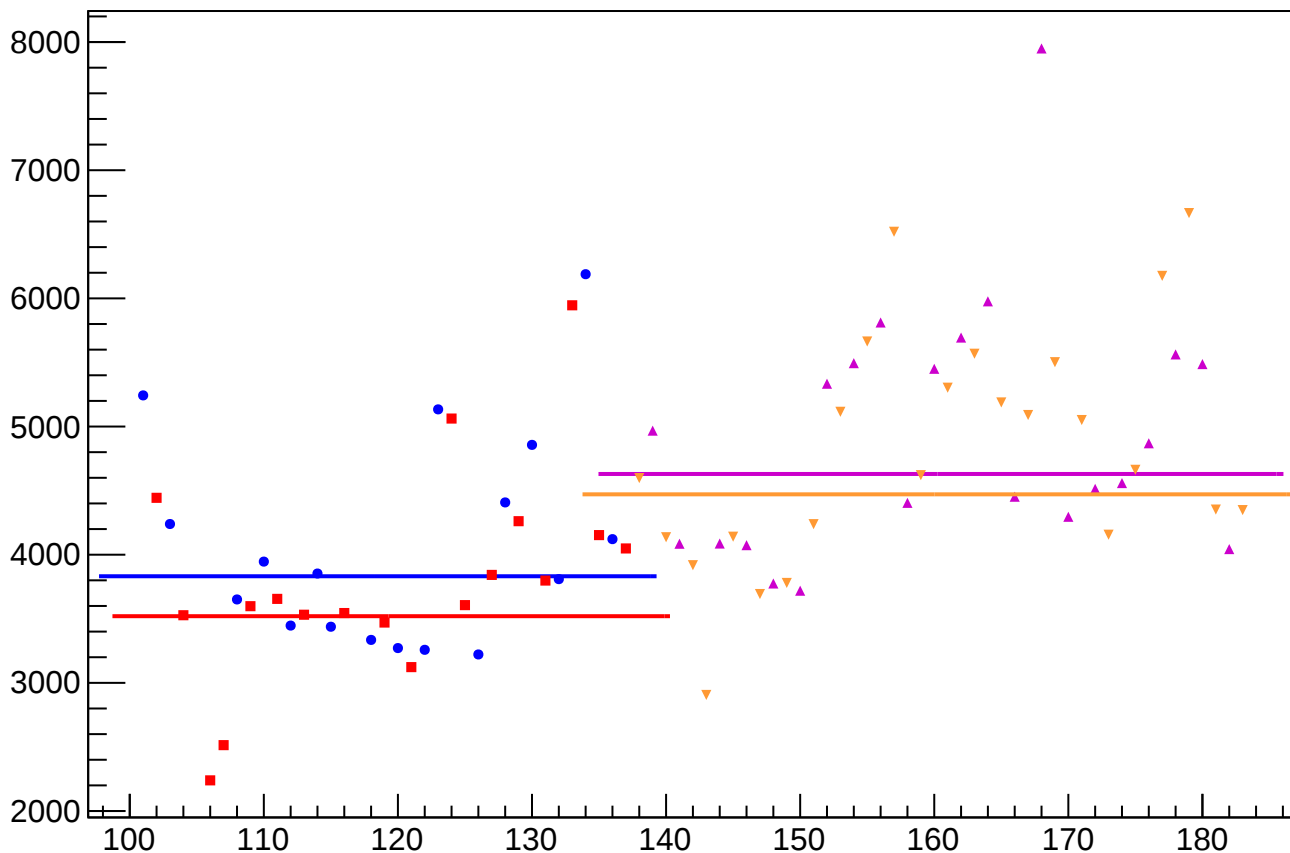
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -638.183+/-904.006 χ^2/NDF : 30.5/38

Out: -163.012+/-847.867 χ^2/NDF : 39.2/41

All: -385.386+/-618.427 χ^2/NDF : 69.8/80

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3831.818 $\pm$ 1.064 χ^2 /NDF: 337707.1/16

Left Out: 4471.023 $\pm$ 0.759 χ^2 /NDF:1379465.5/23

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4629.904 $\pm$ 0.800 χ^2 /NDF:994496.0/21

Left: 4546.305 $\pm$ 0.551 χ^2 /NDF: 2394725.8/45

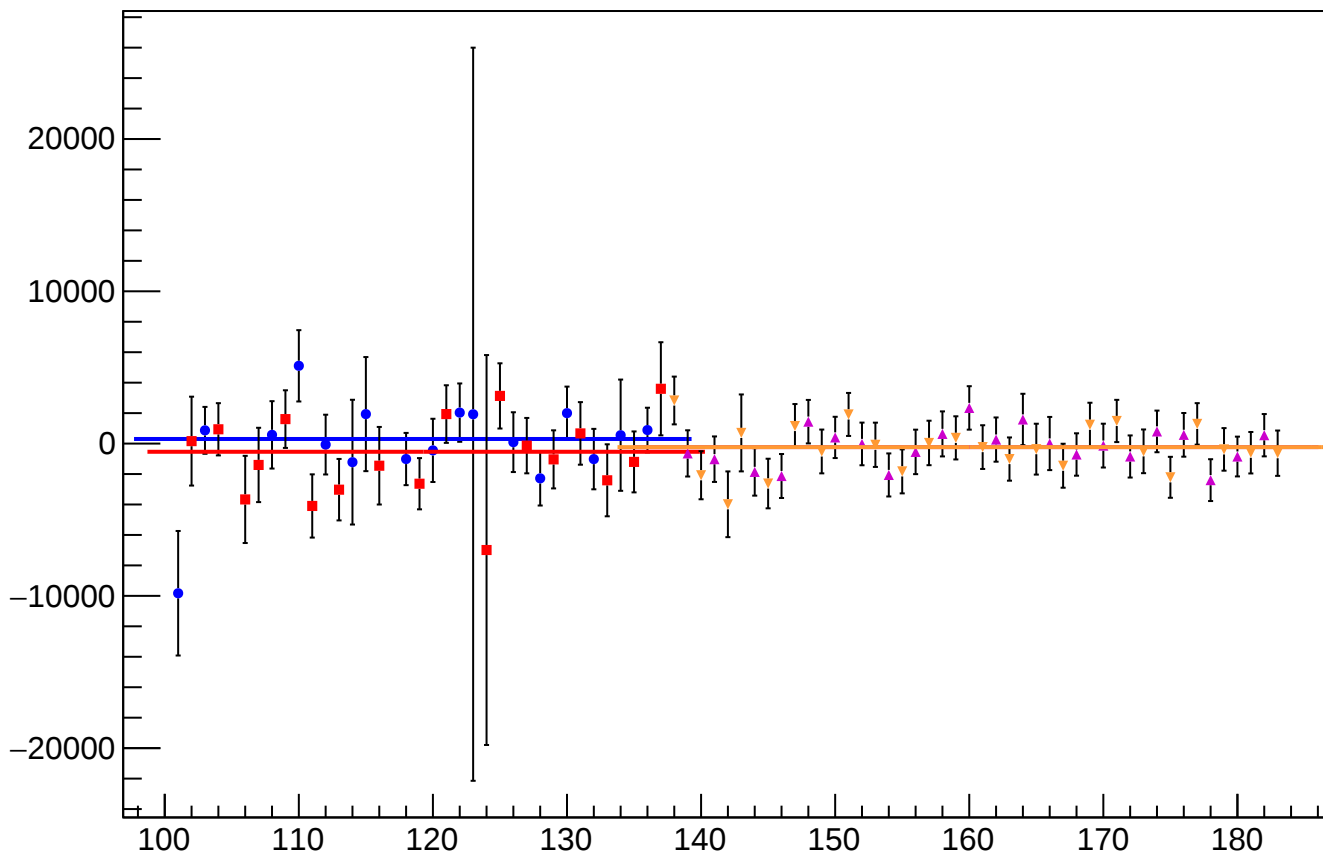
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4341.617 $\pm$ 0.639 χ^2 /NDF:1691885.3/38

Out: 4109.399 $\pm$ 0.597 χ^2 /NDF:2520532.7/41

All: 4217.674 $\pm$ 0.436 χ^2 /NDF: 4282856.9/80

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -232.918 ± 303.723 $\chi^2/\text{NDF}: 22.4/23$

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

Left In: -230.005 ± 307.626 $\chi^2/\text{NDF}: 15.6/21$

Left: -231.480 ± 216.131 $\chi^2/\text{NDF}: 38.1/45$

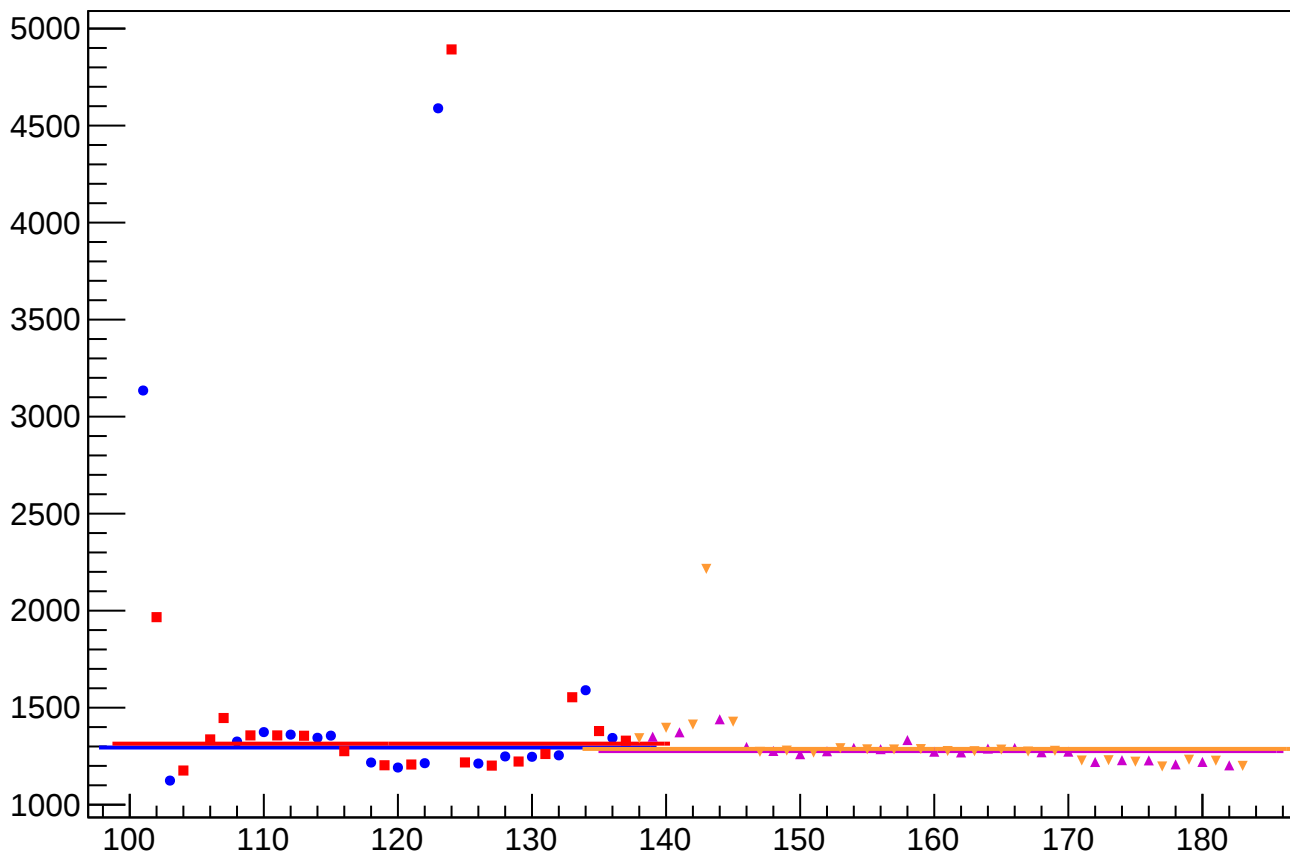
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -89.239 ± 263.804 $\chi^2/\text{NDF}: 32.5/38$

Out: -313.024 ± 260.776 $\chi^2/\text{NDF}: 40.2/41$

All: -202.423 ± 185.458 $\chi^2/\text{NDF}: 73.0/80$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1287.498+/-0.215 χ^2/NDF : 339330.2/23

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

Left In: 1276.279+/-0.218 χ^2/NDF : 61817.5/21

Left: 1281.960+/-0.153 χ^2/NDF : 402495.0/45

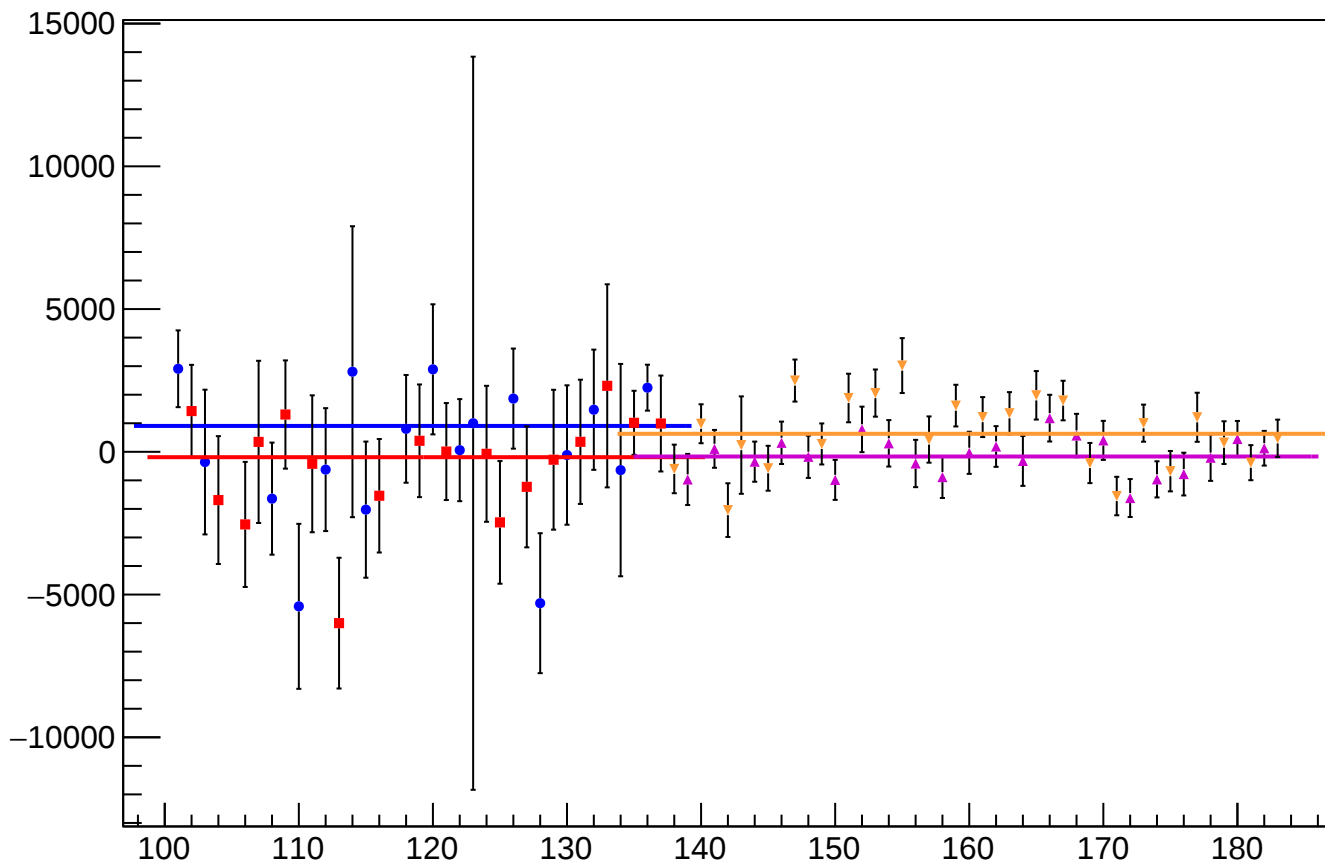
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1281.161+/-0.187 χ^2/NDF : 571525.3/38

Out: 1294.618+/-0.184 χ^2/NDF : 677350.4/41

All: 1287.967+/-0.131 χ^2/NDF : 1251507.9/80

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: 631.515 $\pm$ 154.711 χ^2/NDF :59.5/23

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

Left In: -164.551 $\pm$ 155.433 χ^2/NDF :18.5/21

Left: 235.335 $\pm$ 109.651 χ^2/NDF : 91.1/45

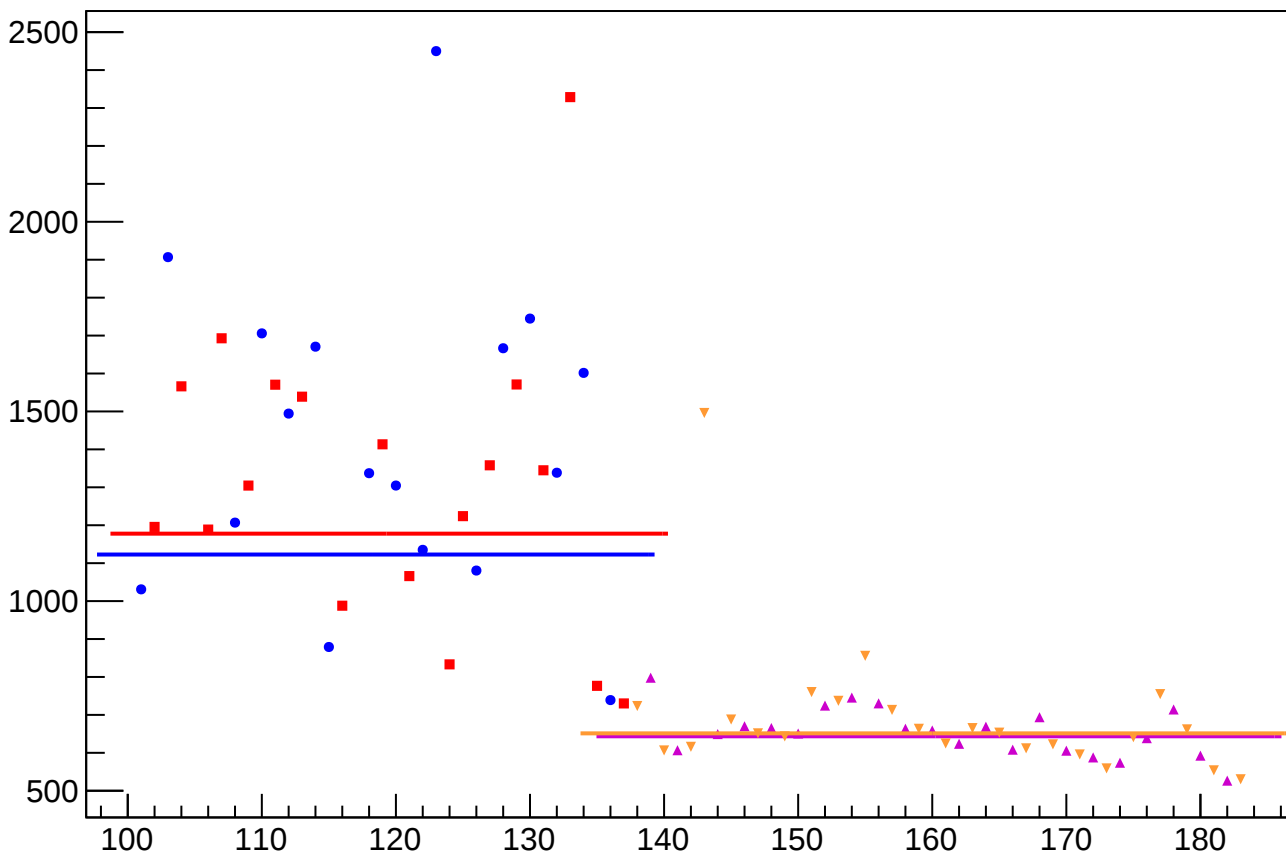
Right: 369.604 $\pm$ 325.359 χ^2/NDF : 38.7/34

In: -52.973 $\pm$ 147.115 χ^2/NDF :45.4/38

Out: 549.675 $\pm$ 146.784 χ^2/NDF :76.1/41

All: 249.030 $\pm$ 103.909 χ^2/NDF : 129.9/80

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2 /NDF: 1187996.4/16

Left Out: 651.300 $\pm$ 0.109 χ^2 /NDF: 893072.7/23

Right Out: 1177.797 $\pm$ 0.328 χ^2 /NDF: 1021710.1/17

Left In: 643.582 $\pm$ 0.110 χ^2 /NDF: 309217.9/21

Left: 647.459 $\pm$ 0.078 χ^2 /NDF: 1204767.5/45

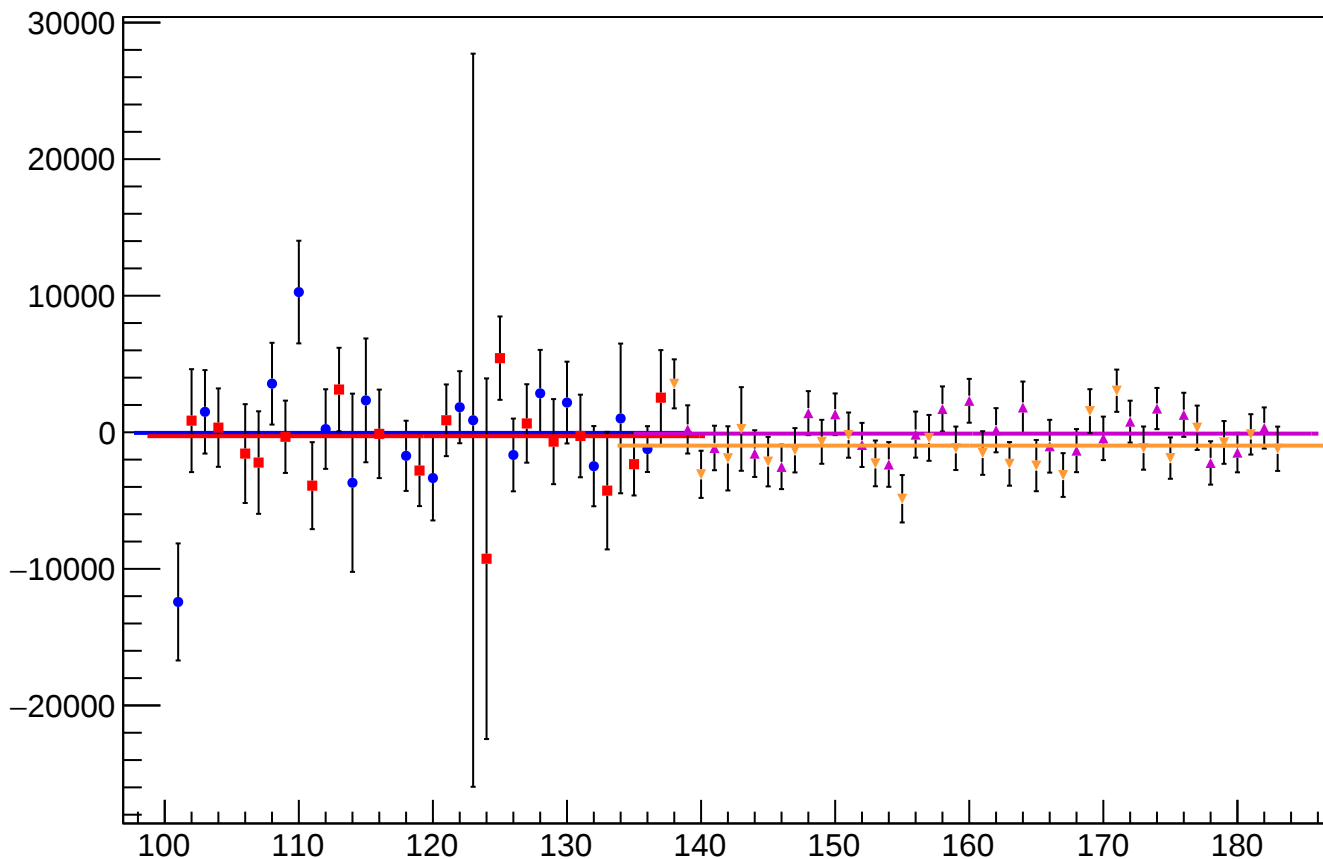
Right: 1149.765 $\pm$ 0.230 χ^2 /NDF: 2224002.1/34

In: 693.494 $\pm$ 0.104 χ^2 /NDF: 3477161.5/38

Out: 703.867 $\pm$ 0.104 χ^2 /NDF: 4227380.8/41

All: 698.692 $\pm$ 0.073 χ^2 /NDF: 7709525.6/80

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -975.027 ± 342.322 $\chi^2/\text{NDF}: 28.5/23$

Right Out: -285.373 ± 735.391 $\chi^2/\text{NDF}: 10.6/17$

Left In: -97.695 ± 345.407 $\chi^2/\text{NDF}: 18.1/21$

Left: -540.296 ± 243.142 $\chi^2/\text{NDF}: 49.8/45$

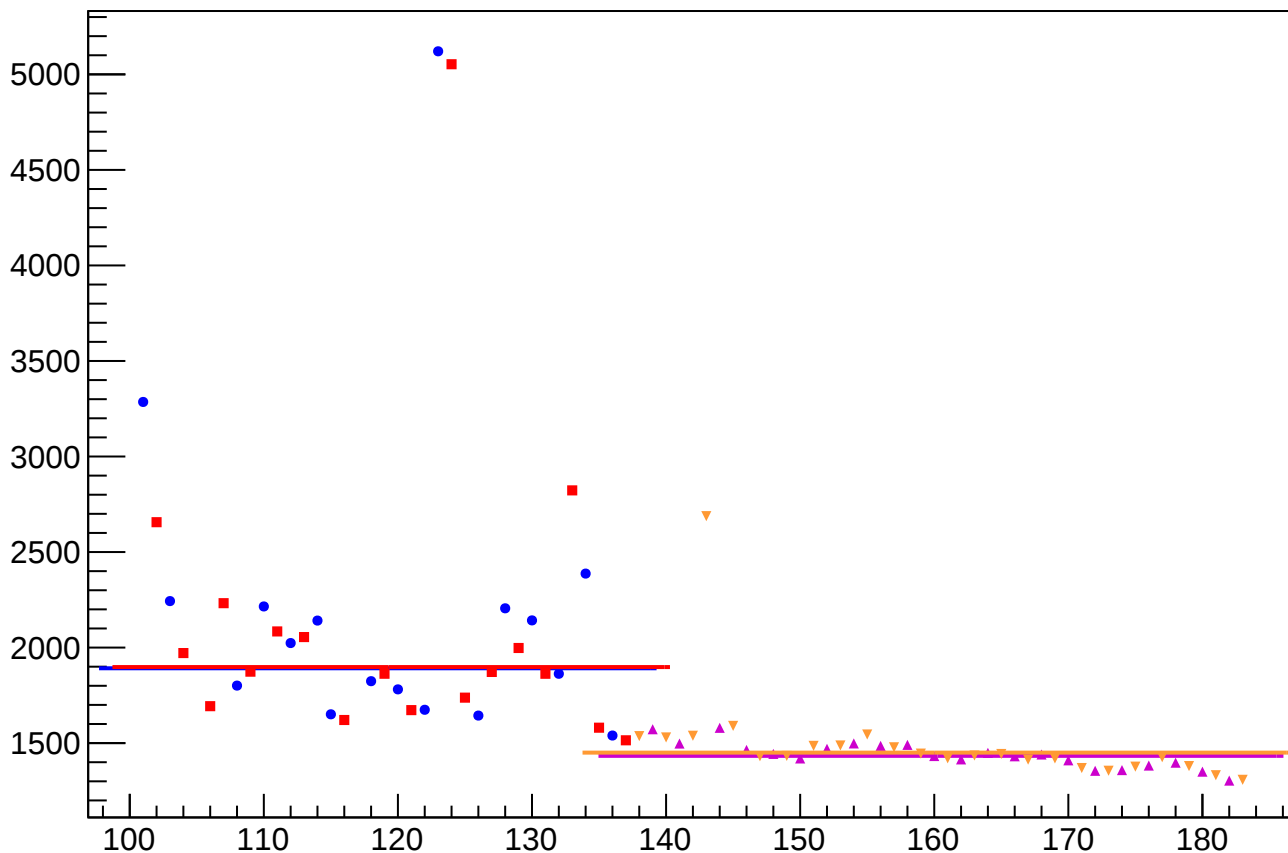
Right: -166.852 ± 524.259 $\chi^2/\text{NDF}: 33.9/34$

In: -88.314 ± 313.557 $\chi^2/\text{NDF}: 41.3/38$

Out: -852.202 ± 310.345 $\chi^2/\text{NDF}: 39.8/41$

All: -474.190 ± 220.574 $\chi^2/\text{NDF}: 84.1/80$

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: 1450.243 $\pm$ 0.242 χ^2 /NDF: 411895.3/23

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1433.374 $\pm$ 0.244 χ^2 /NDF: 75084.6/21

Left: 1441.884 $\pm$ 0.172 χ^2 /NDF: 489386.4/45

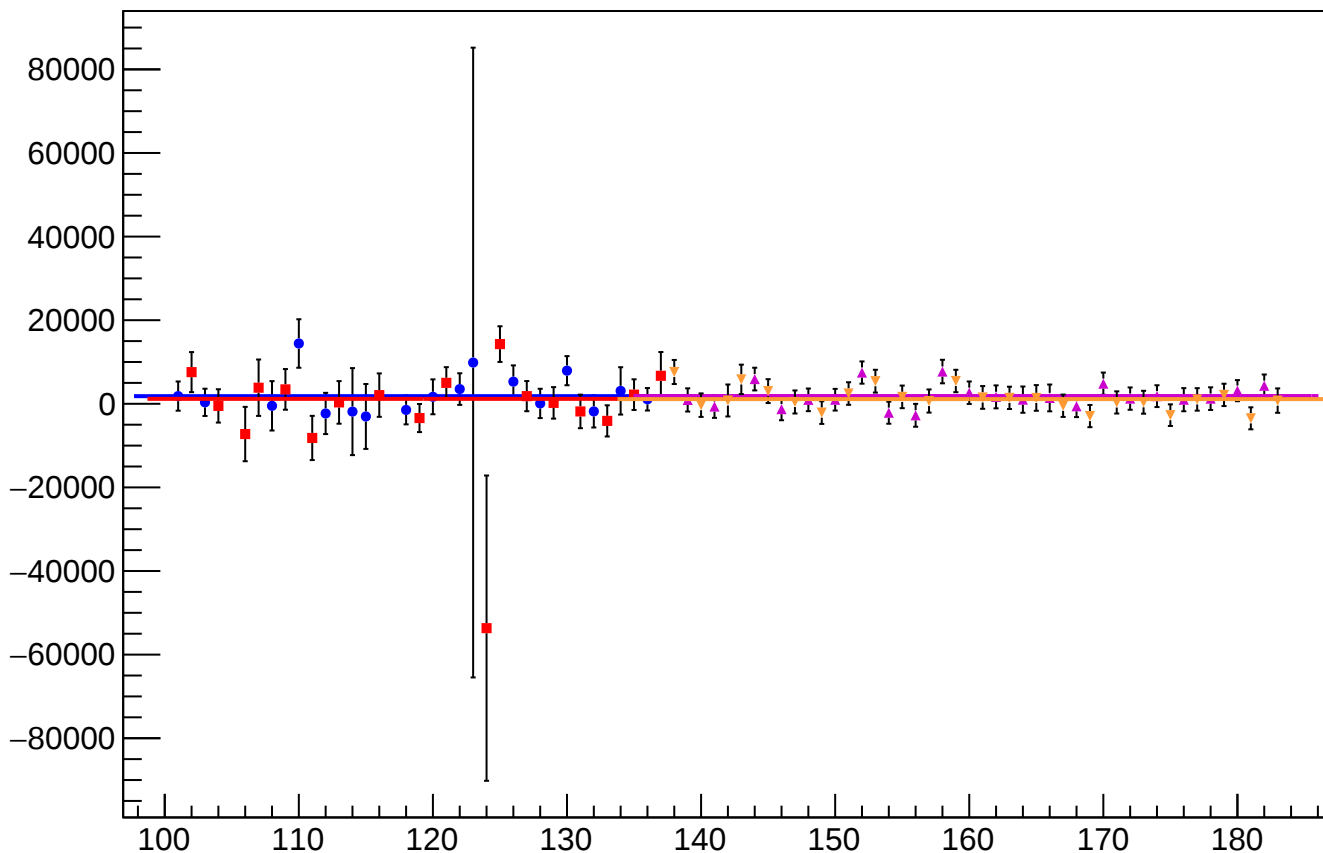
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1513.997 $\pm$ 0.222 χ^2 /NDF: 1163569.2/38

Out: 1529.990 $\pm$ 0.219 χ^2 /NDF: 1445027.6/41

All: 1522.076 $\pm$ 0.156 χ^2 /NDF: 2611225.4/80

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1123.883 $\pm$ 568.554 χ^2 /NDF:22.8/23

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1854.644 $\pm$ 578.993 χ^2 /NDF:22.4/21

Left: 1482.616 $\pm$ 405.669 χ^2 /NDF: 46.0/45

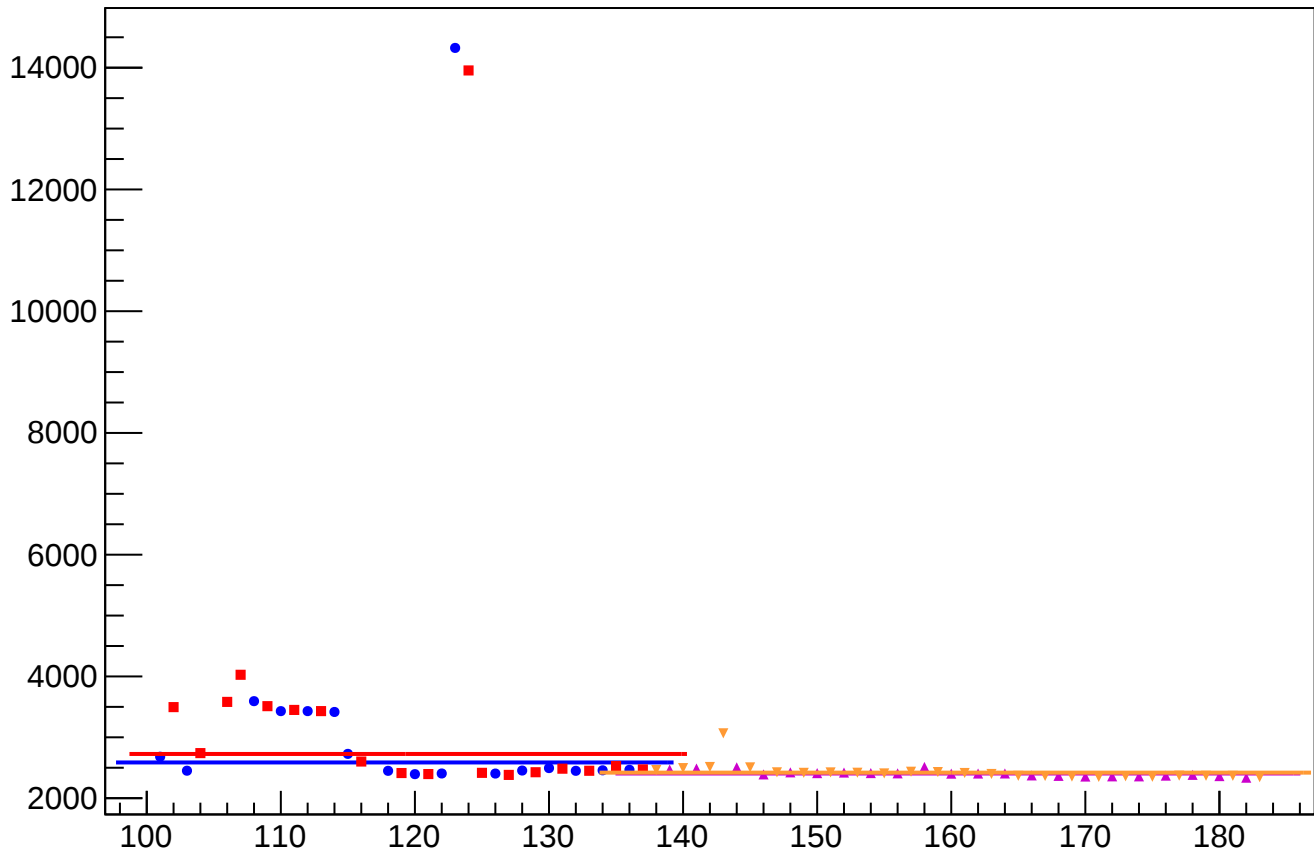
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1847.324 $\pm$ 502.331 χ^2 /NDF:34.9/38

Out: 1137.243 $\pm$ 499.956 χ^2 /NDF:48.2/41

All: 1490.601 $\pm$ 354.359 χ^2 /NDF: 84.2/80

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2419.781 $\pm$ 0.402 χ^2 /NDF: 82397.9/23

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2405.171 $\pm$ 0.409 χ^2 /NDF: 13888.8/21

Left: 2412.609 $\pm$ 0.287 χ^2 /NDF: 96935.0/45

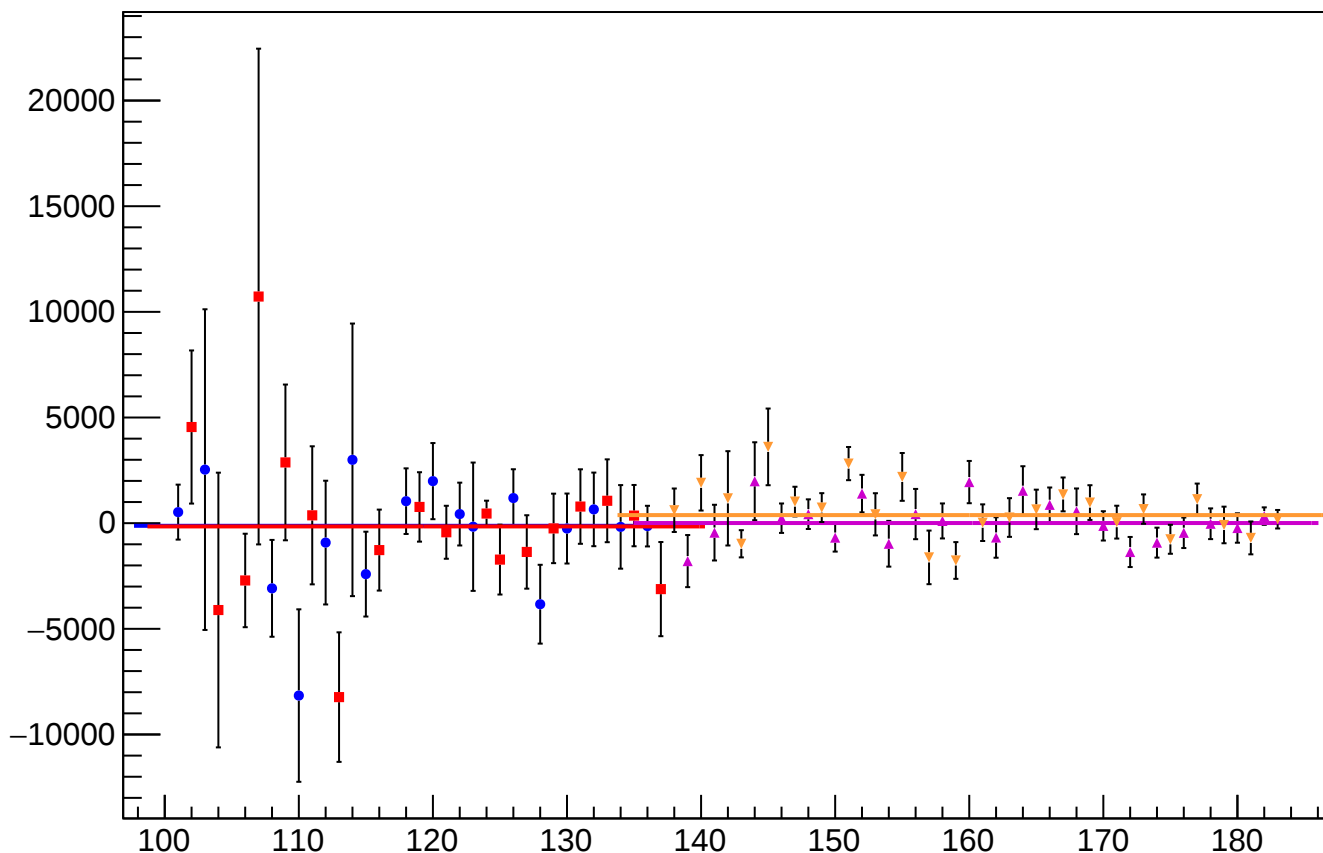
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2450.129 $\pm$ 0.355 χ^2 /NDF: 316765.3/38

Out: 2489.320 $\pm$ 0.354 χ^2 /NDF: 795193.1/41

All: 2469.817 $\pm$ 0.251 χ^2 /NDF: 1118074.1/80

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2 /NDF: 14.7/16

Left Out: 381.895+/-165.436 χ^2 /NDF:39.9/23

Right Out: -154.579+/-380.922 χ^2 /NDF: 17.6/17

Left In: 6.567+/-168.693 χ^2 /NDF:22.4/21

Left: 197.890+/-118.115 χ^2 /NDF: 64.8/45

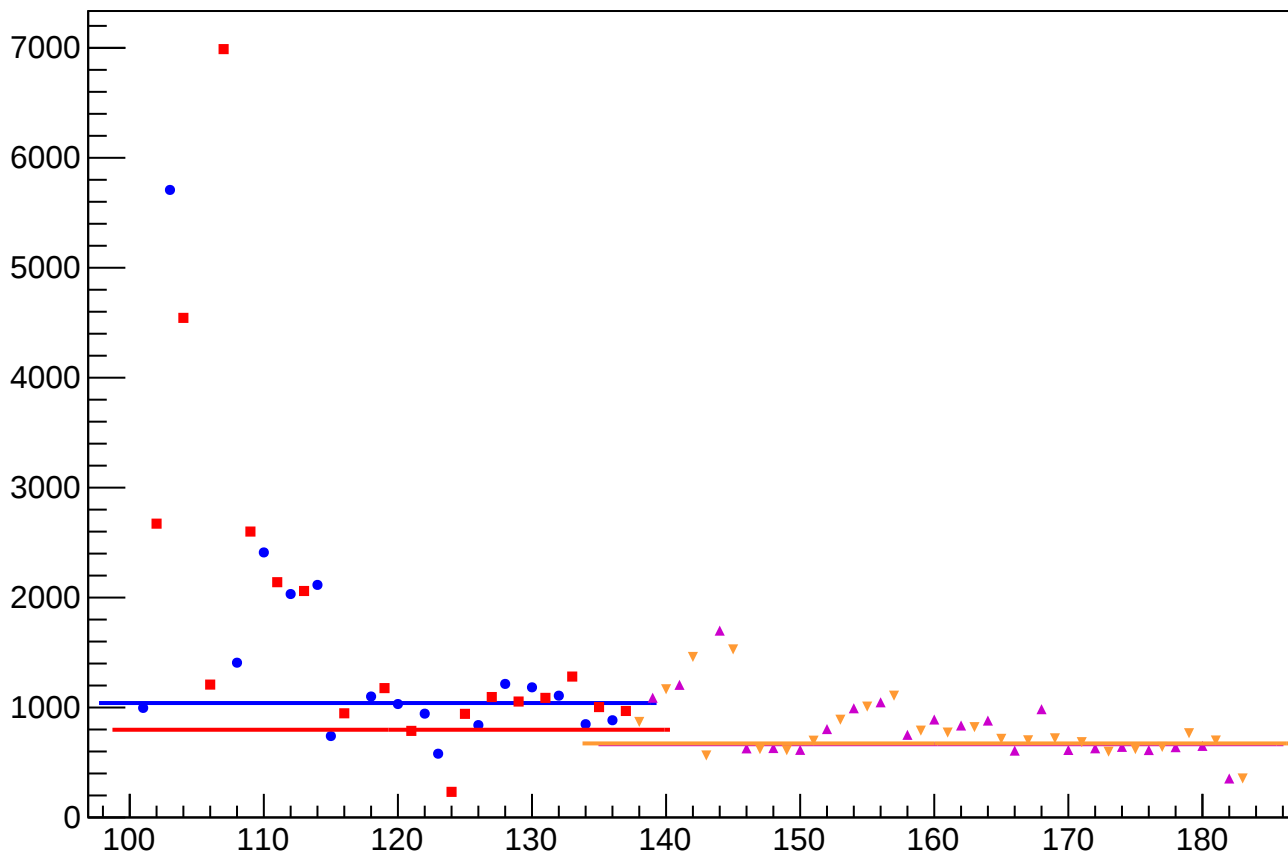
Right: -141.367+/-285.354 χ^2 /NDF: 32.3/34

In: -10.857+/-157.077 χ^2 /NDF:37.1/38

Out: 296.763+/-151.743 χ^2 /NDF:59.1/41

All: 148.266+/-109.136 χ^2 /NDF: 98.3/80

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 673.337+/-0.117 χ^2/NDF : 2884476.1/23

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

Left In: 666.072+/-0.119 χ^2/NDF : 3267527.6/21

Left: 669.776+/-0.084 χ^2/NDF : 6153894.4/45

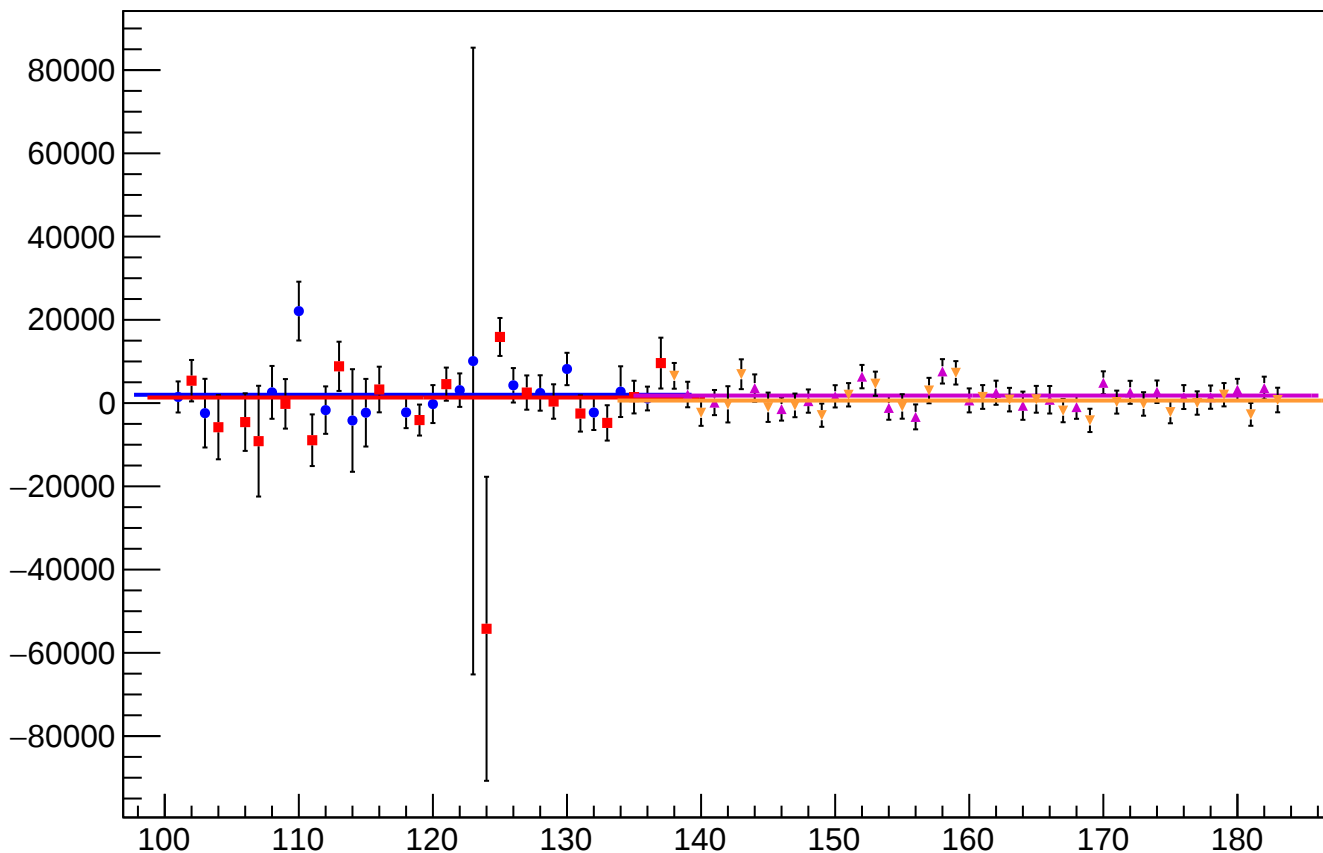
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 715.895+/-0.111 χ^2/NDF : 6152553.8/38

Out: 693.077+/-0.107 χ^2/NDF : 8238247.7/41

All: 704.092+/-0.077 χ^2/NDF : 14412632.5/80

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 611.128+/-601.707 χ^2/NDF : 25.0/23

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1807.477+/-613.485 χ^2/NDF : 16.8/21

Left: 1197.708+/-429.575 χ^2/NDF : 43.8/45

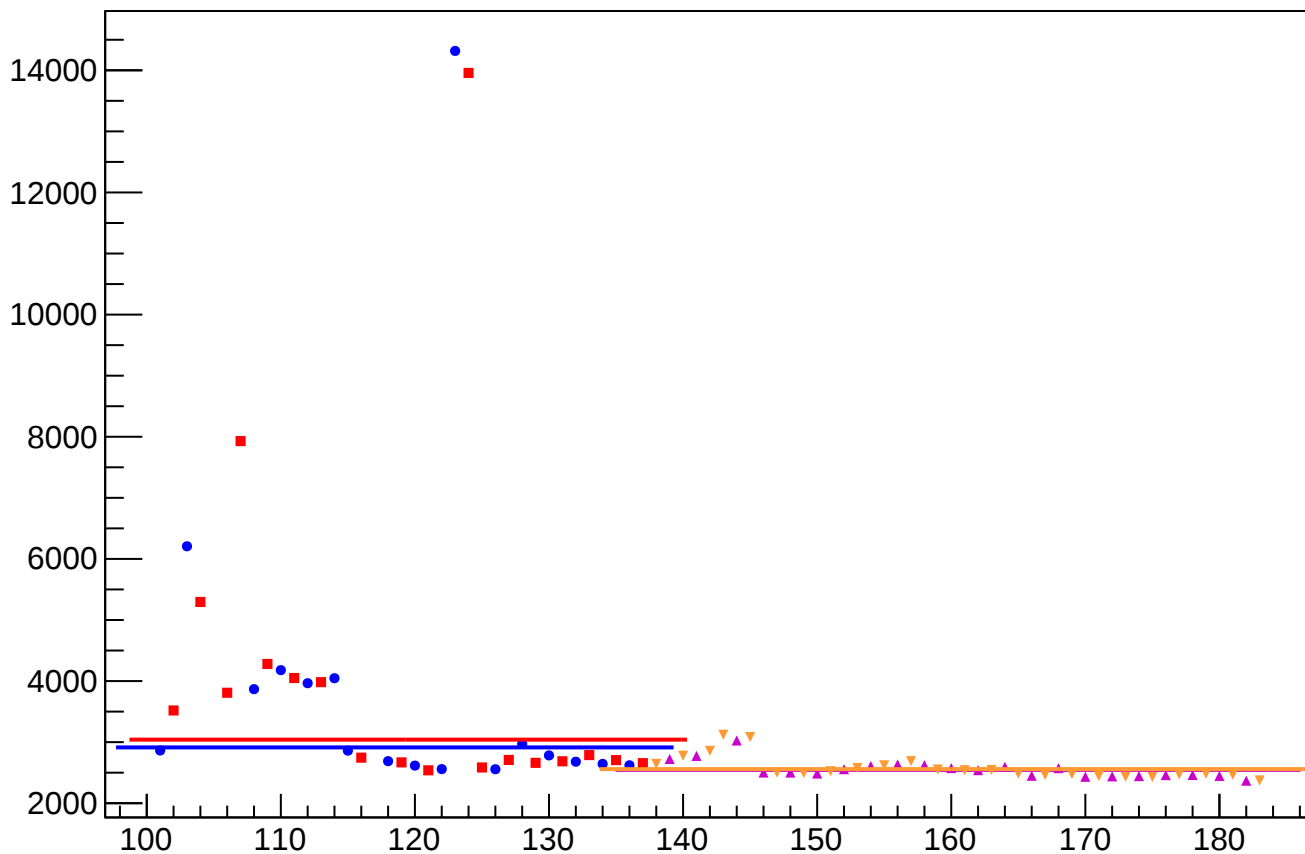
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1849.016+/-541.805 χ^2/NDF : 31.7/38

Out: 758.113+/-537.308 χ^2/NDF : 52.8/41

All: 1299.018+/-381.514 χ^2/NDF : 86.6/80

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2558.130+/-0.425 χ^2/NDF : 151781.1/23

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2545.288+/-0.434 χ^2/NDF : 94042.0/21

Left: 2551.833+/-0.304 χ^2/NDF : 246269.7/45

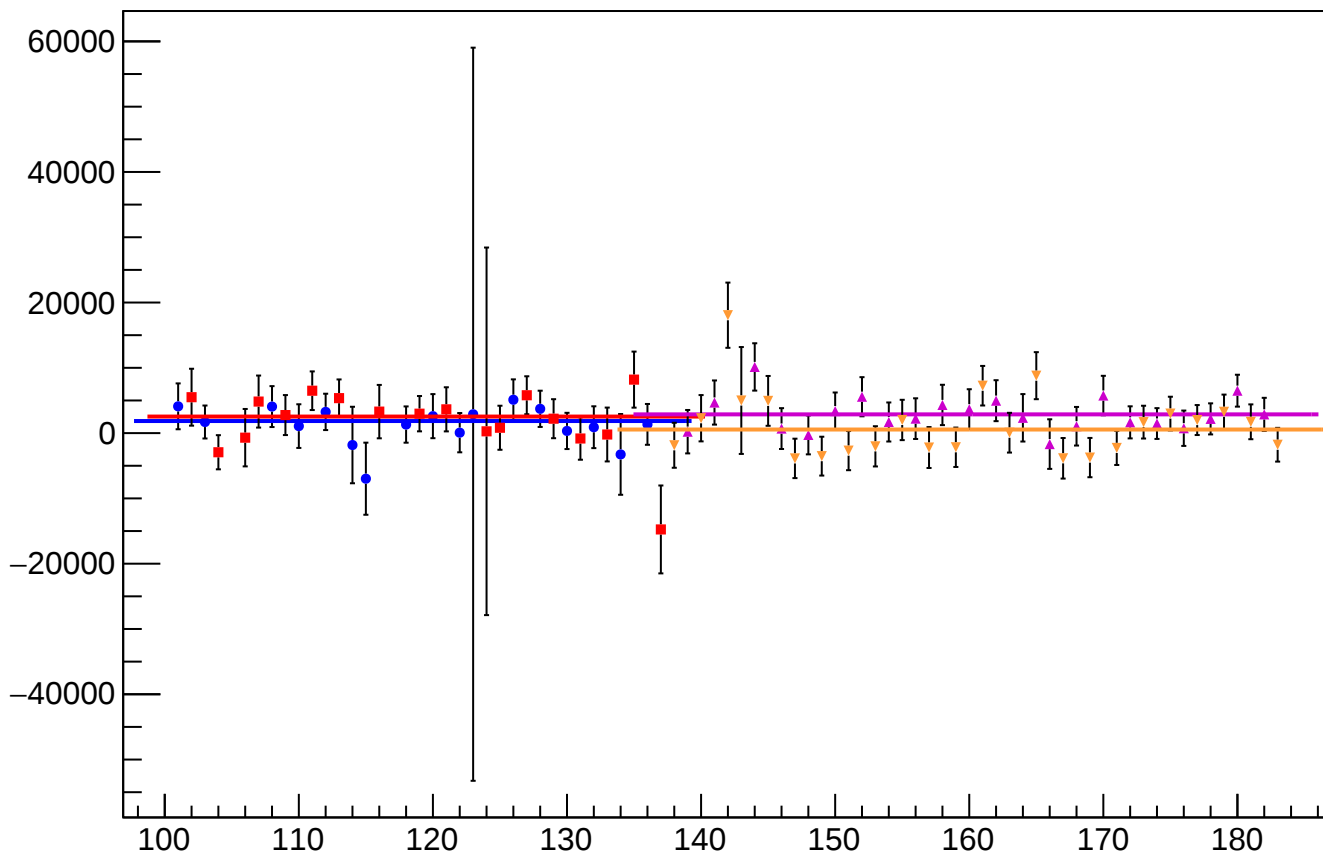
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2626.388+/-0.383 χ^2/NDF : 891875.3/38

Out: 2656.004+/-0.380 χ^2/NDF : 1416559.6/41

All: 2641.320+/-0.270 χ^2/NDF : 2311447.7/80

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 550.108+/-616.540 χ^2/NDF : 41.3/23

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2871.138+/-622.368 χ^2/NDF : 14.6/21

Left: 1699.705+/-438.006 χ^2/NDF : 62.9/45

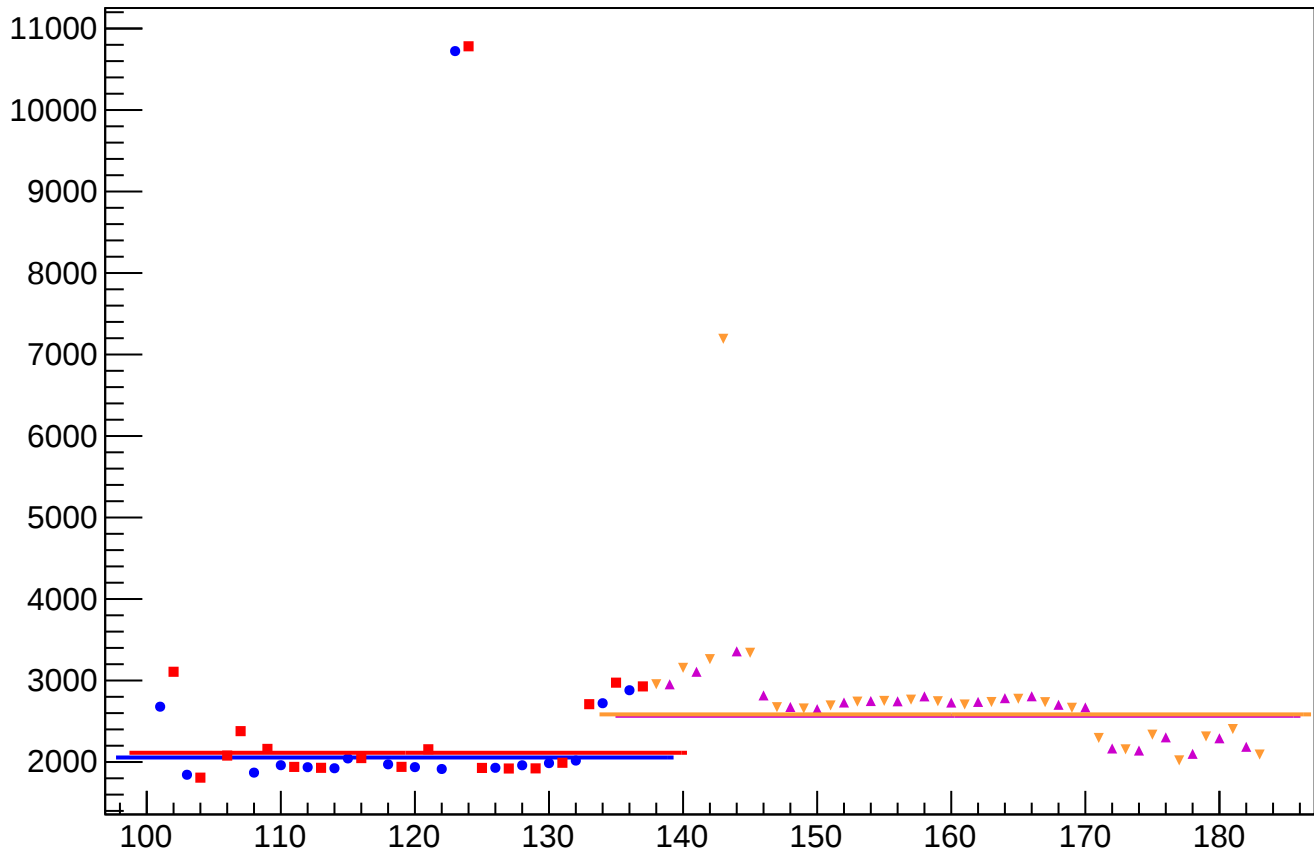
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2490.197+/-492.777 χ^2/NDF : 22.8/38

Out: 1267.775+/-492.640 χ^2/NDF : 65.1/41

All: 1878.817+/-348.397 χ^2/NDF : 91.0/80

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2584.366 $\pm$ 0.436 χ^2/NDF : 1198069.5/23

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2567.024 $\pm$ 0.440 χ^2/NDF : 540224.3/21

Left: 2575.776 $\pm$ 0.310 χ^2/NDF : 1739077.5/45

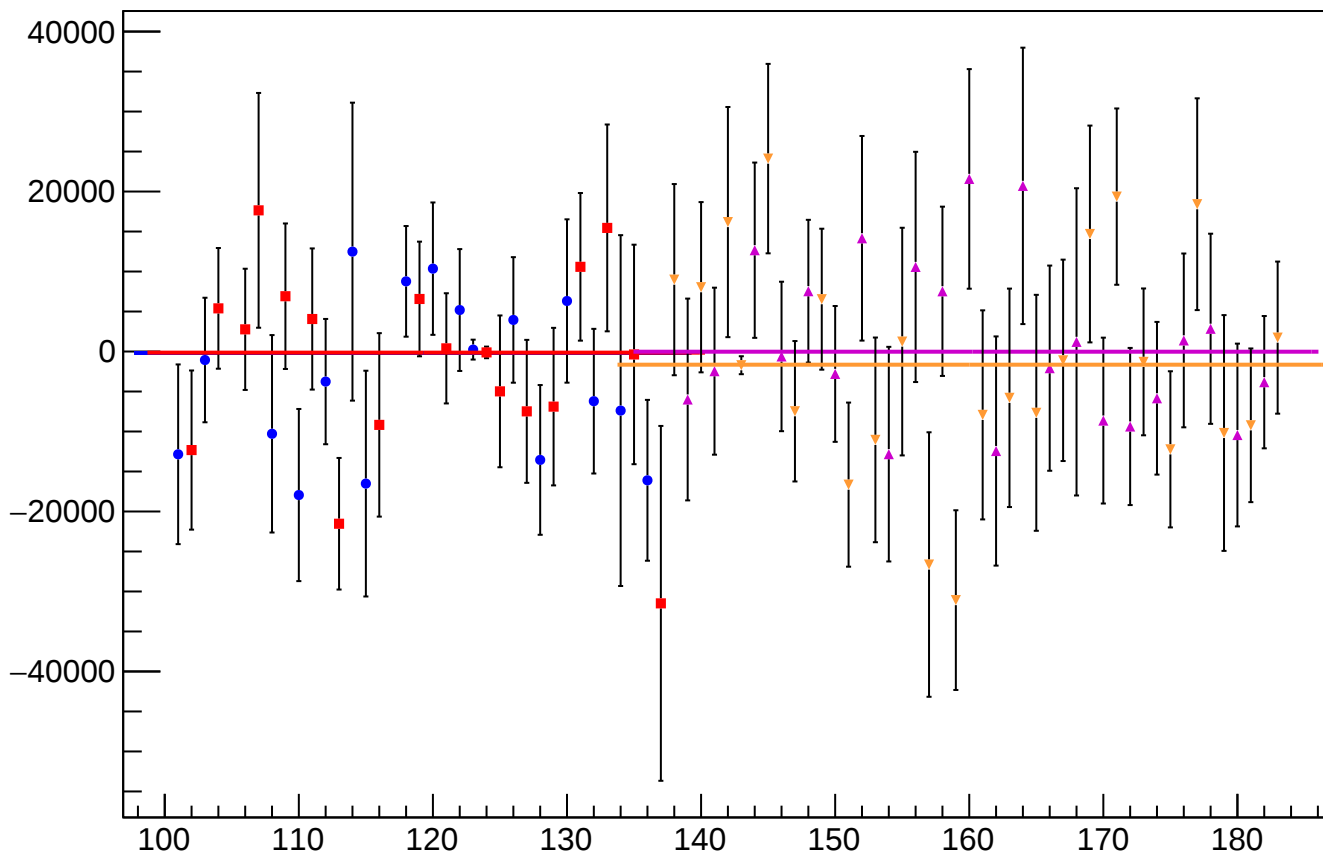
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2376.160 $\pm$ 0.348 χ^2/NDF : 1360770.8/38

Out: 2413.733 $\pm$ 0.348 χ^2/NDF : 2152984.0/41

All: 2394.962 $\pm$ 0.246 χ^2/NDF : 3519573.3/80

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1647.649+/-1015.277 χ^2/NDF : 31.2/23

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: -24.385+/-2370.916 χ^2/NDF : 13.4/21

Left: -1396.111+/-933.305 χ^2/NDF : 45.0/45

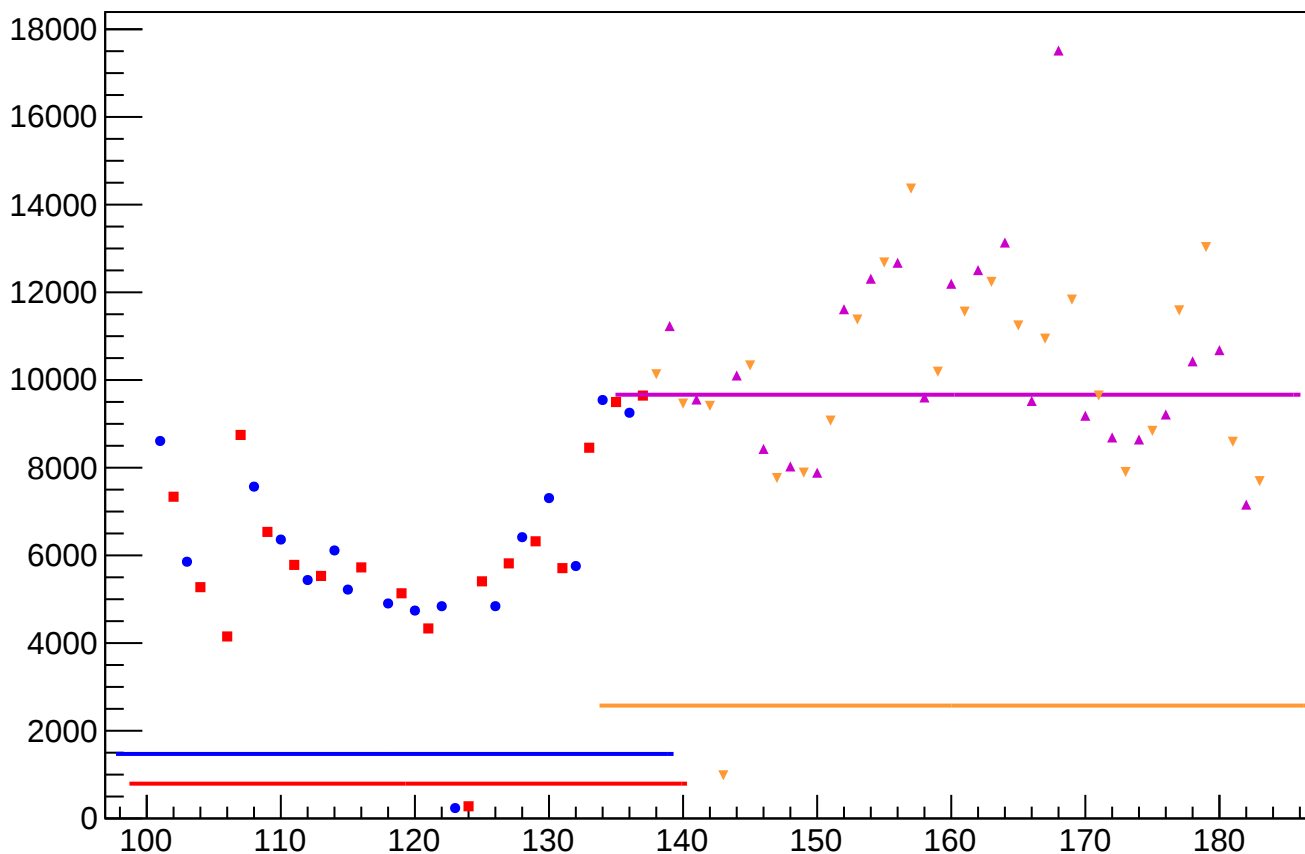
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -156.720+/-998.417 χ^2/NDF : 29.8/38

Out: -618.588+/-571.234 χ^2/NDF : 51.7/41

All: -504.684+/-495.818 χ^2/NDF : 81.6/80

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2574.655+/-0.718 χ^2/NDF : 23161760.3/23

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

Left In: 9664.763+/-1.676 χ^2/NDF : 1255969.3/21

Left: 3673.326+/-0.660 χ^2/NDF : 39531807.1/45

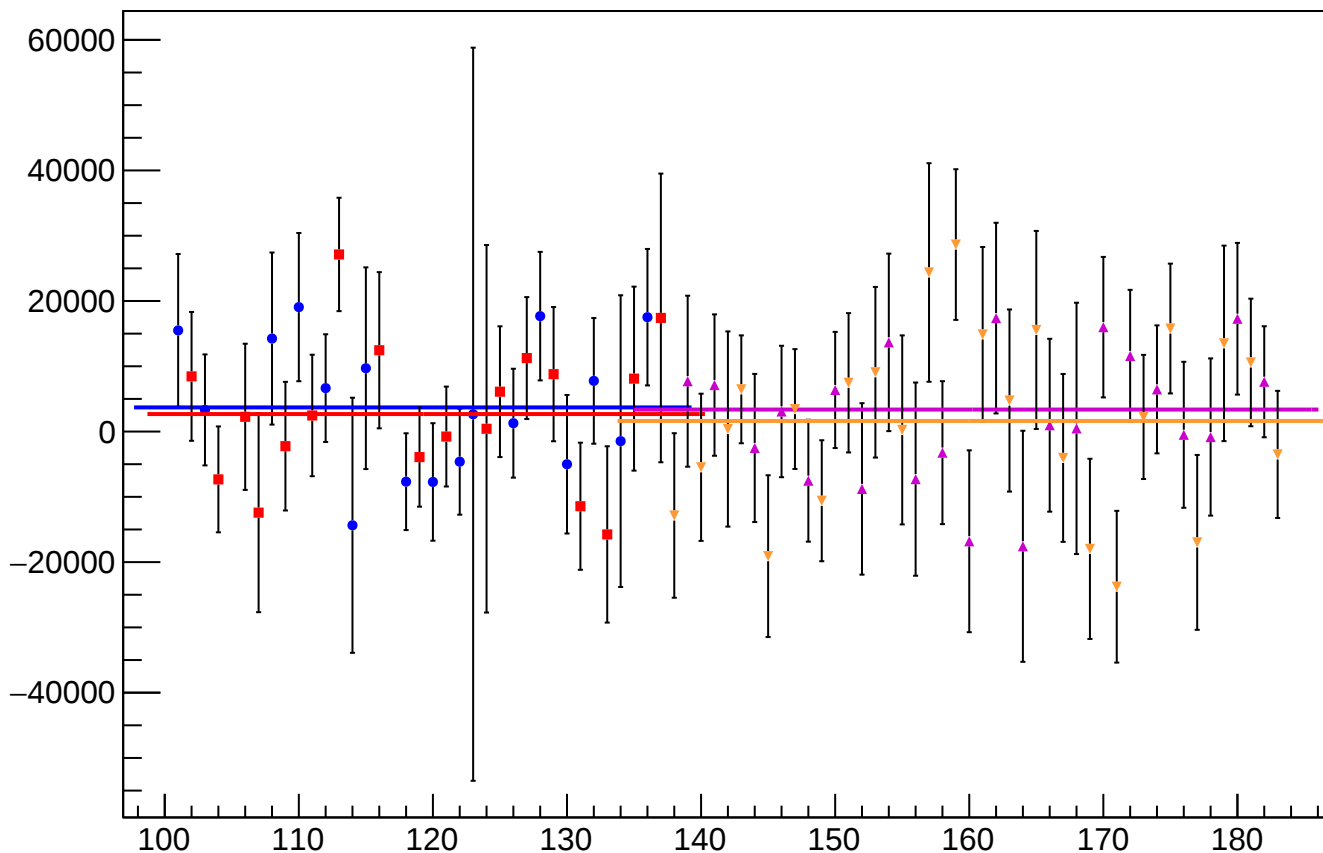
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2924.534+/-0.706 χ^2/NDF : 30692463.1/38

Out: 1357.456+/-0.404 χ^2/NDF : 38790501.4/41

All: 1743.922+/-0.351 χ^2/NDF : 73194923.9/8

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 1624.440+/-2358.421 χ^2/NDF : 29.2/23

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 3367.961+/-2450.252 χ^2/NDF : 12.8/21

Left: 2462.916+/-1699.193 χ^2/NDF : 42.3/45

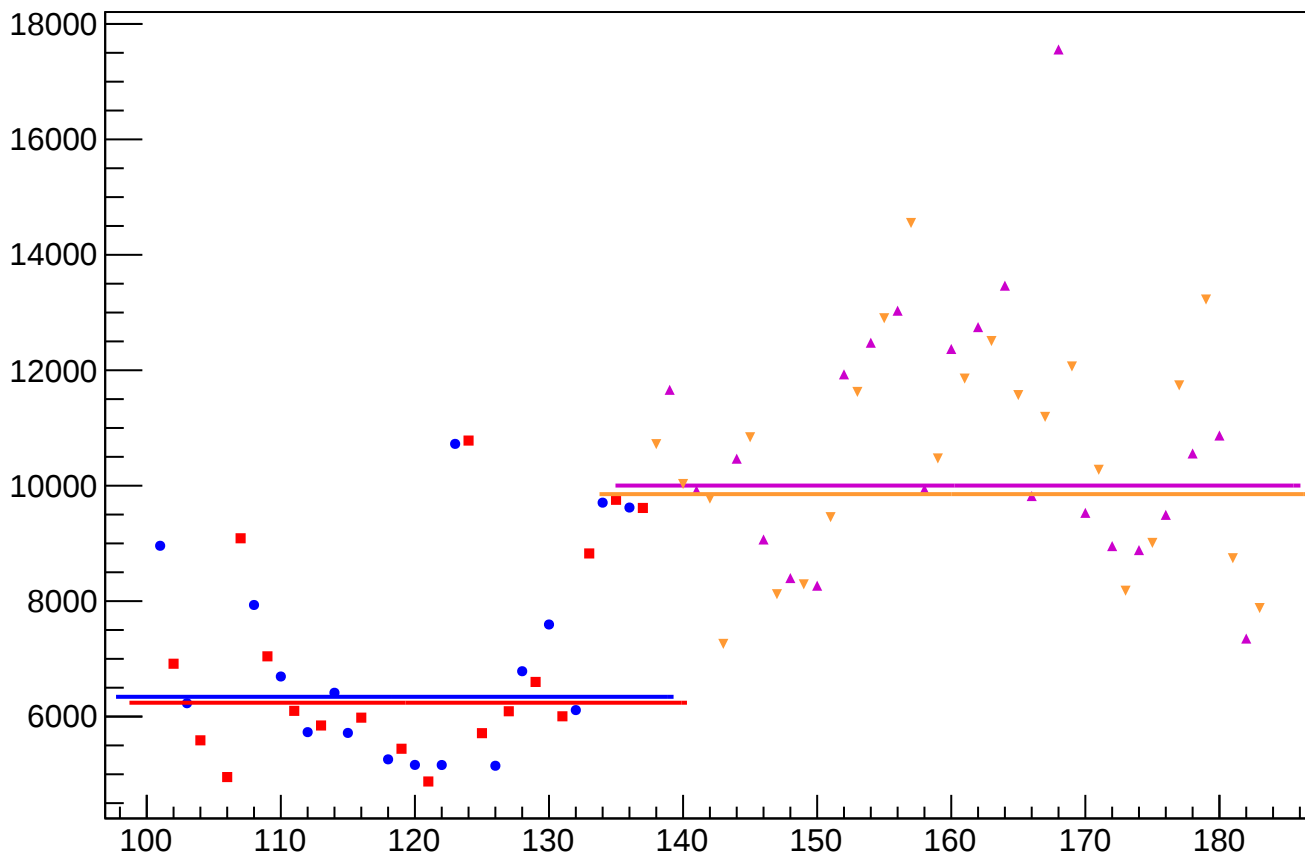
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3528.698+/-1756.035 χ^2/NDF : 27.2/38

Out: 2136.487+/-1691.938 χ^2/NDF : 47.8/41

All: 2806.720+/-1218.411 χ^2/NDF : 75.3/80

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9853.864+/-1.668 χ^2/NDF : 1183169.6/23

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10002.301+/-1.733 χ^2/NDF : 1159567.4/21

Left: 9925.249+/-1.202 χ^2/NDF : 2346547.1/45

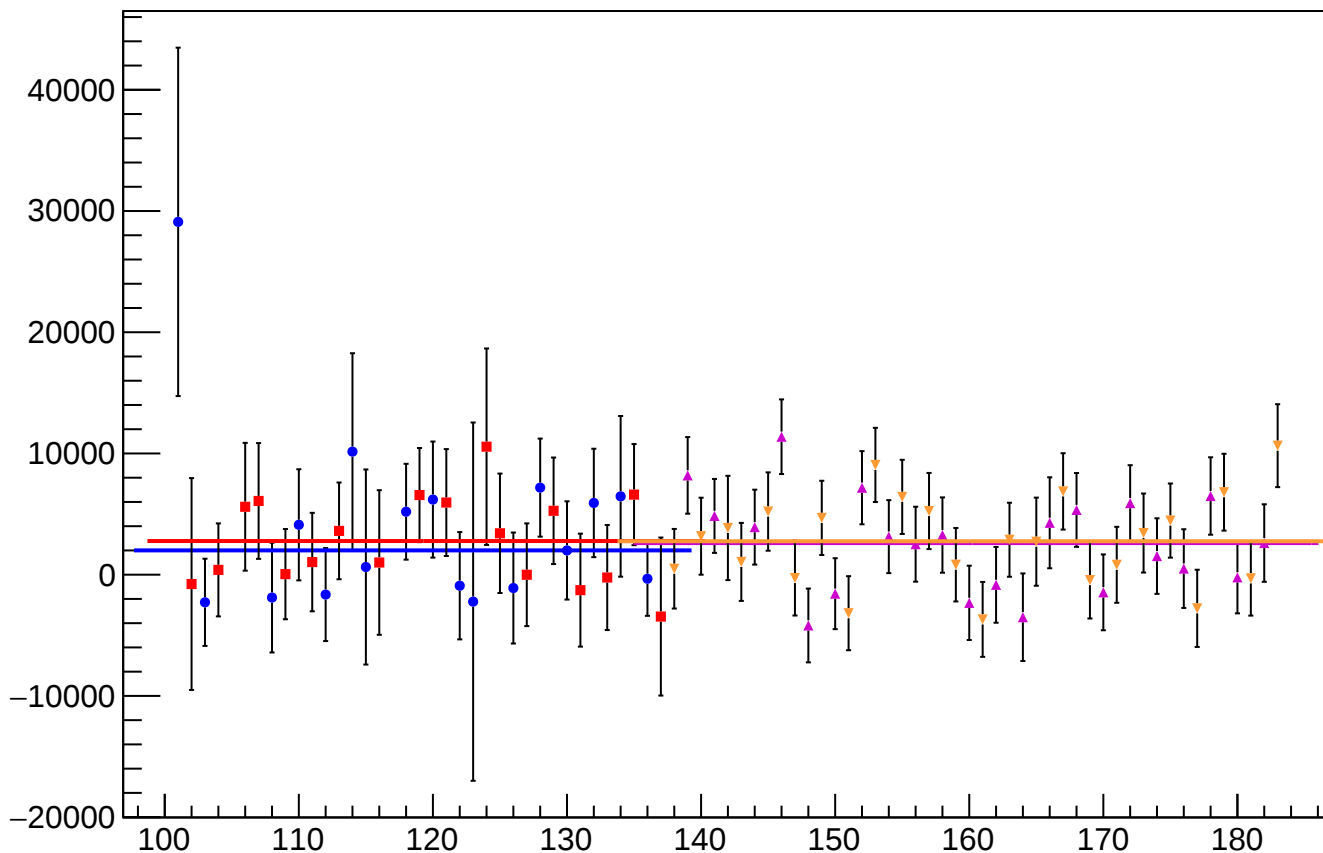
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8222.167+/-1.242 χ^2/NDF : 3923633.0/38

Out: 8099.720+/-1.196 χ^2/NDF : 3992006.6/41

All: 8158.666+/-0.862 χ^2/NDF : 7920682.6/80

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2759.609 $\pm$ 650.815 χ^2 /NDF:32.0/23

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2607.805 $\pm$ 667.256 χ^2 /NDF:34.7/21

Left: 2685.600 $\pm$ 465.900 χ^2 /NDF: 66.8/45

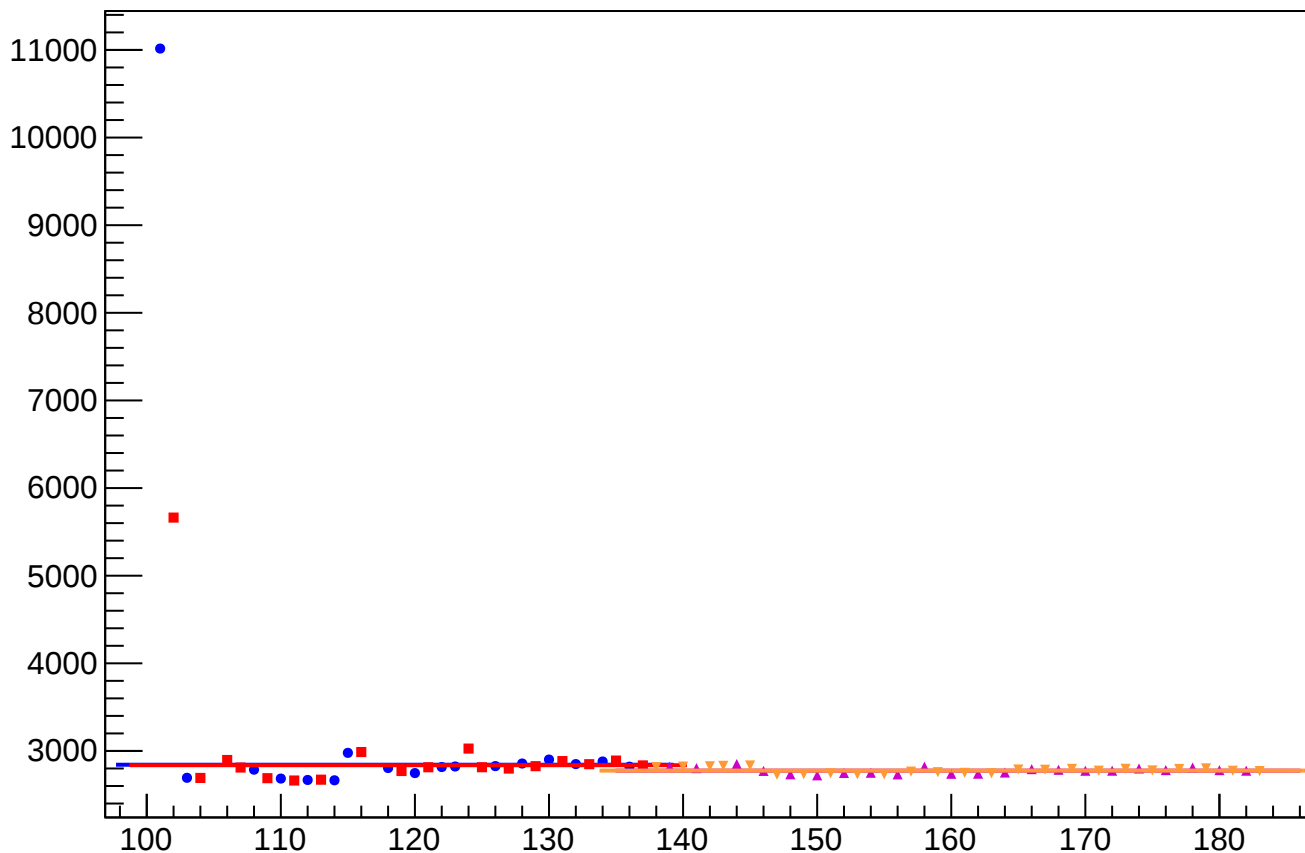
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2450.914 $\pm$ 573.960 χ^2 /NDF:48.7/38

Out: 2763.946 $\pm$ 558.357 χ^2 /NDF:40.4/41

All: 2611.743 $\pm$ 400.221 χ^2 /NDF: 89.2/80

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2775.890+/-0.460 χ^2/NDF : 4885.0/23

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2775.222+/-0.472 χ^2/NDF : 4967.5/21

Left: 2775.564+/-0.329 χ^2/NDF : 9853.5/45

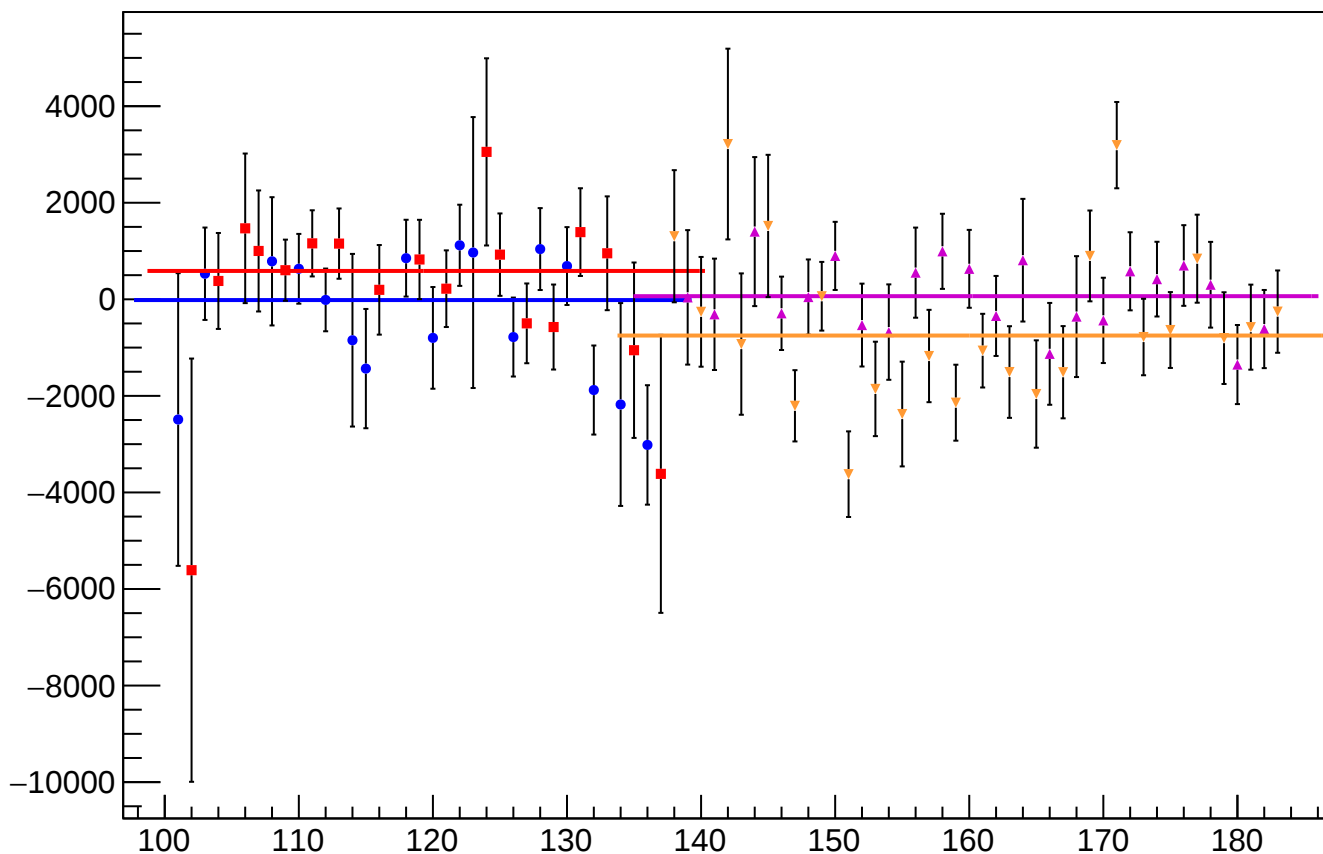
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2792.754+/-0.406 χ^2/NDF : 670581.1/38

Out: 2792.135+/-0.395 χ^2/NDF : 236028.4/41

All: 2792.436+/-0.283 χ^2/NDF : 906610.7/80

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -750.226 $\pm$ 190.736 χ^2/NDF :60.0/23

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 65.104 $\pm$ 190.323 χ^2/NDF :13.0/21

Left: -341.679 $\pm$ 134.725 χ^2/NDF : 82.2/45

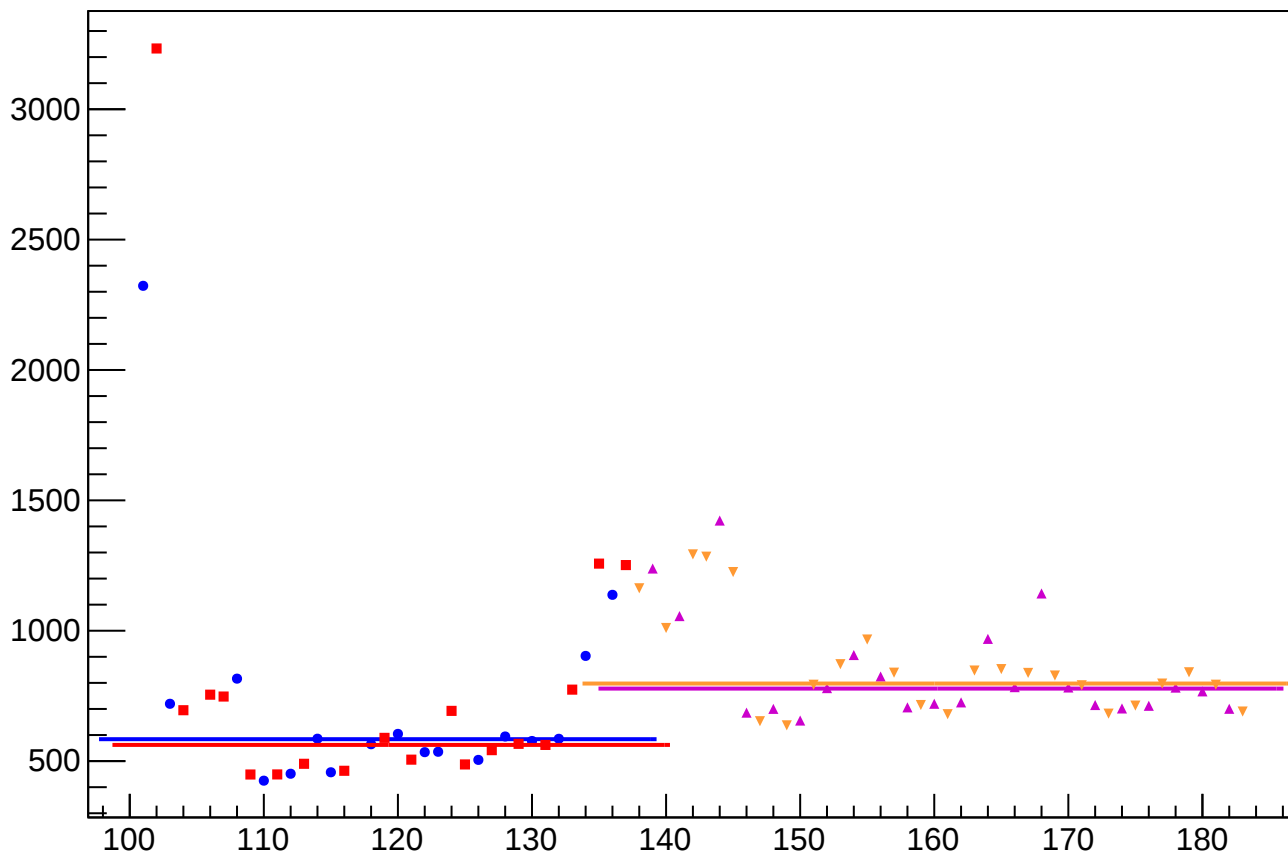
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 33.752 $\pm$ 148.850 χ^2/NDF :34.7/38

Out: -193.168 $\pm$ 145.712 χ^2/NDF :93.8/41

All: -82.126 $\pm$ 104.126 χ^2/NDF : 129.7/80

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 797.447+/-0.135 χ^2/NDF : 1157358.7/23

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 778.086+/-0.135 χ^2/NDF : 1145482.9/21

Left: 787.746+/-0.095 χ^2/NDF : 2313167.9/45

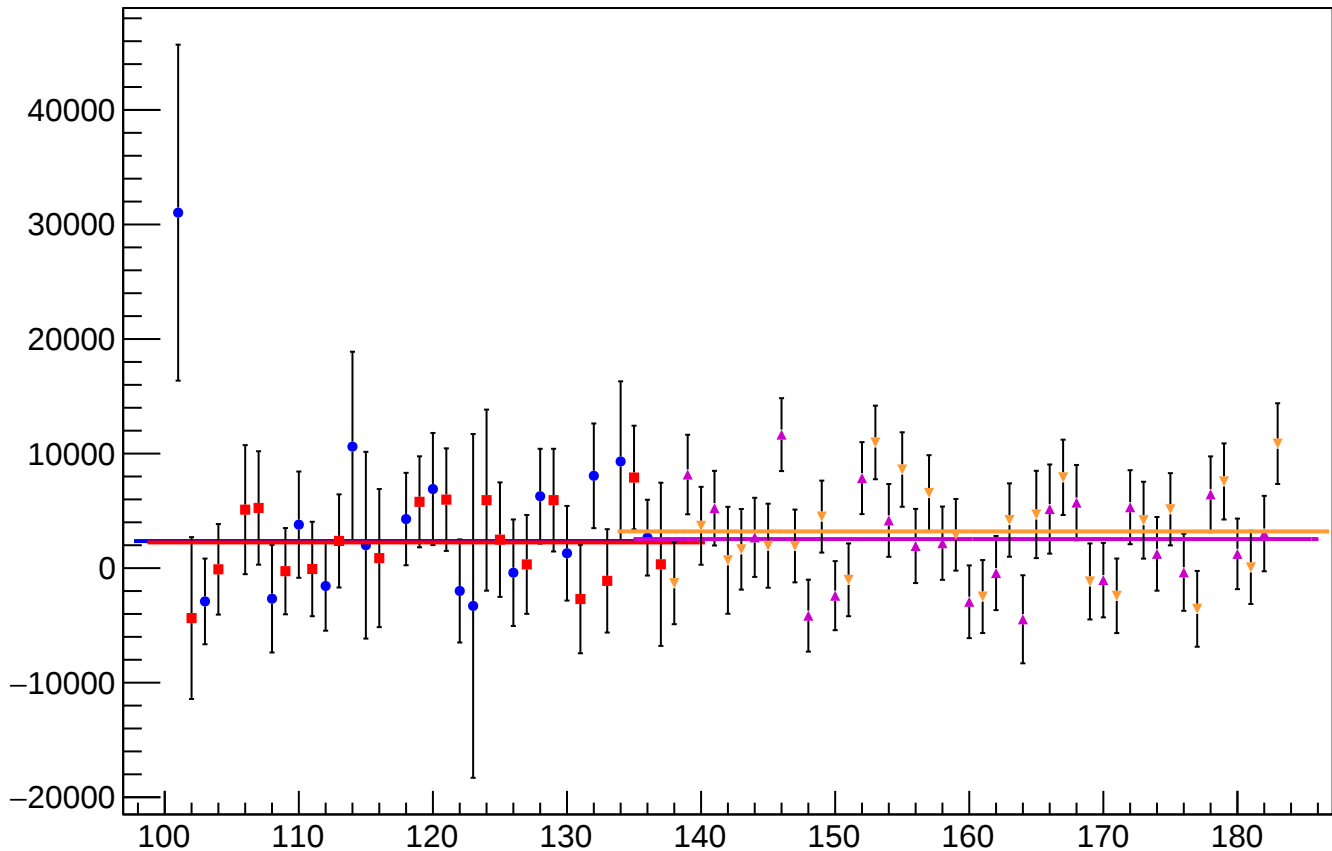
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 702.737+/-0.105 χ^2/NDF : 3389315.6/38

Out: 699.461+/-0.103 χ^2/NDF : 3950313.5/41

All: 701.064+/-0.074 χ^2/NDF : 7340124.0/80

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3206.013 $\pm$ 683.095 χ^2 /NDF:36.2/23

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 2536.738 $\pm$ 698.509 χ^2 /NDF:34.9/21

Left: 2878.841 $\pm$ 488.380 χ^2 /NDF: 71.6/45

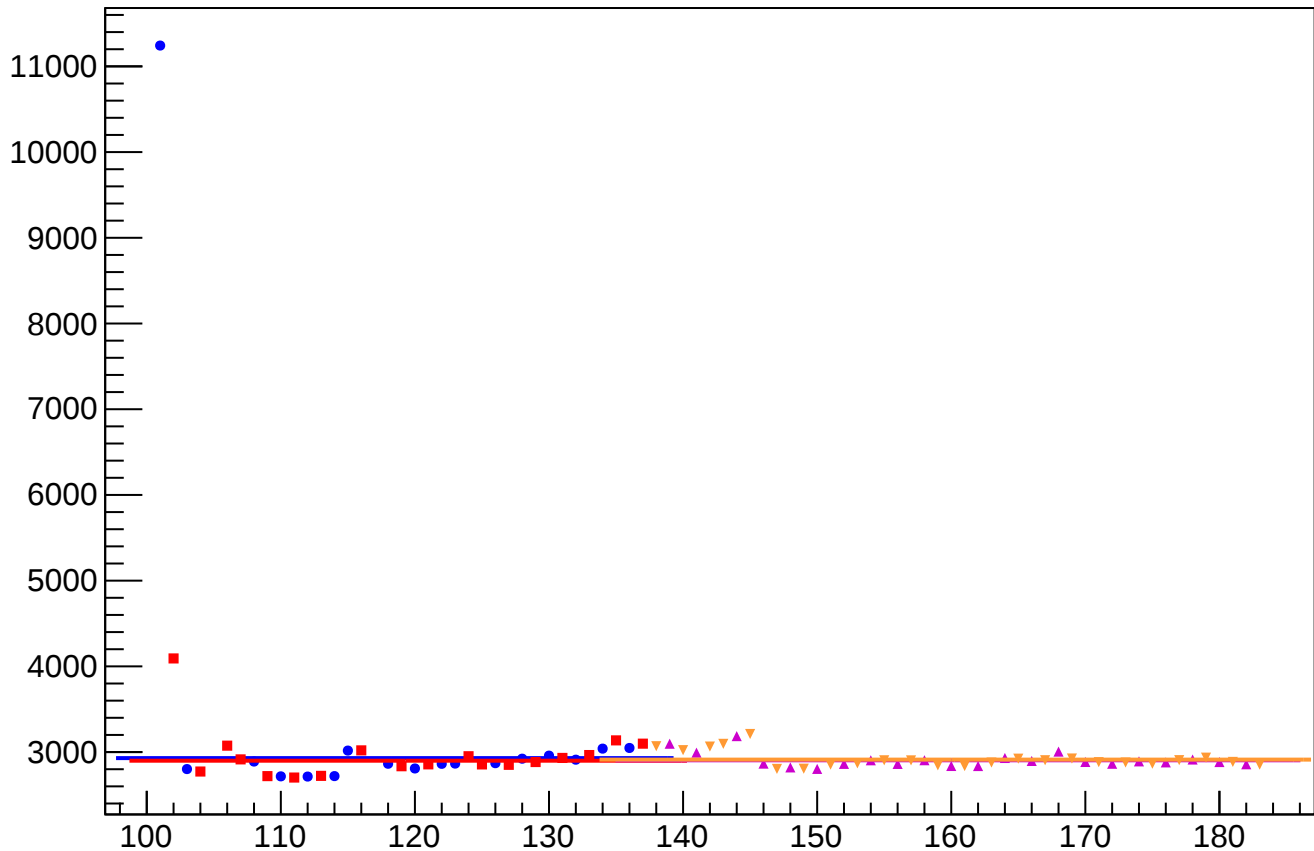
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 2490.447 $\pm$ 598.387 χ^2 /NDF:50.0/38

Out: 2942.812 $\pm$ 582.037 χ^2 /NDF:45.3/41

All: 2722.894 $\pm$ 417.223 χ^2 /NDF: 95.6/80

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2912.053+/-0.483 χ^2/NDF : 36420.0/23

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2904.111+/-0.494 χ^2/NDF : 30383.0/21

Left: 2908.171+/-0.345 χ^2/NDF : 66935.1/45

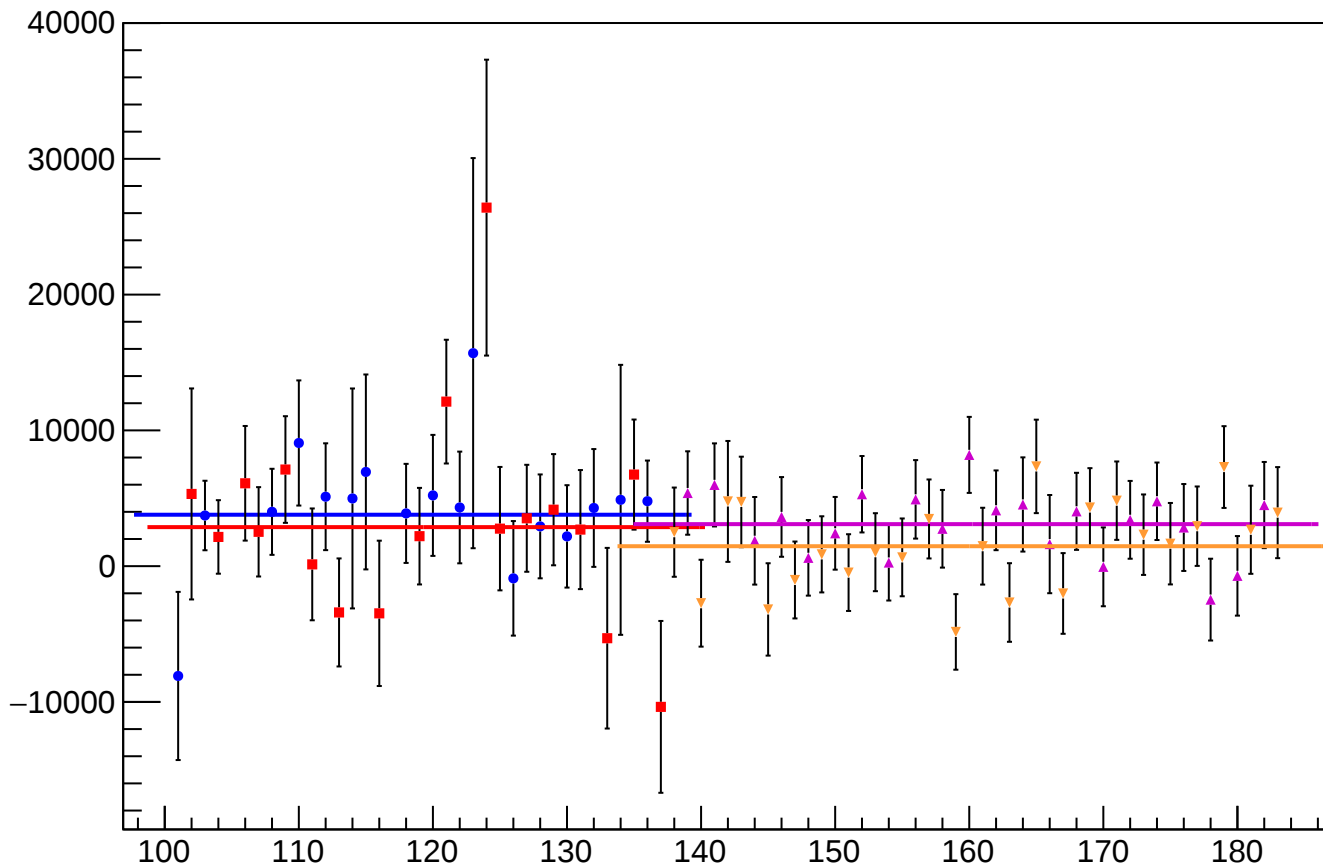
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2910.909+/-0.423 χ^2/NDF : 693723.7/38

Out: 2908.595+/-0.412 χ^2/NDF : 120150.2/41

All: 2909.720+/-0.295 χ^2/NDF : 813889.3/80

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1468.483+/-619.948 χ^2/NDF : 25.7/23

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3094.559+/-632.005 χ^2/NDF : 15.3/21

Left: 2265.863+/-442.571 χ^2/NDF : 44.3/45

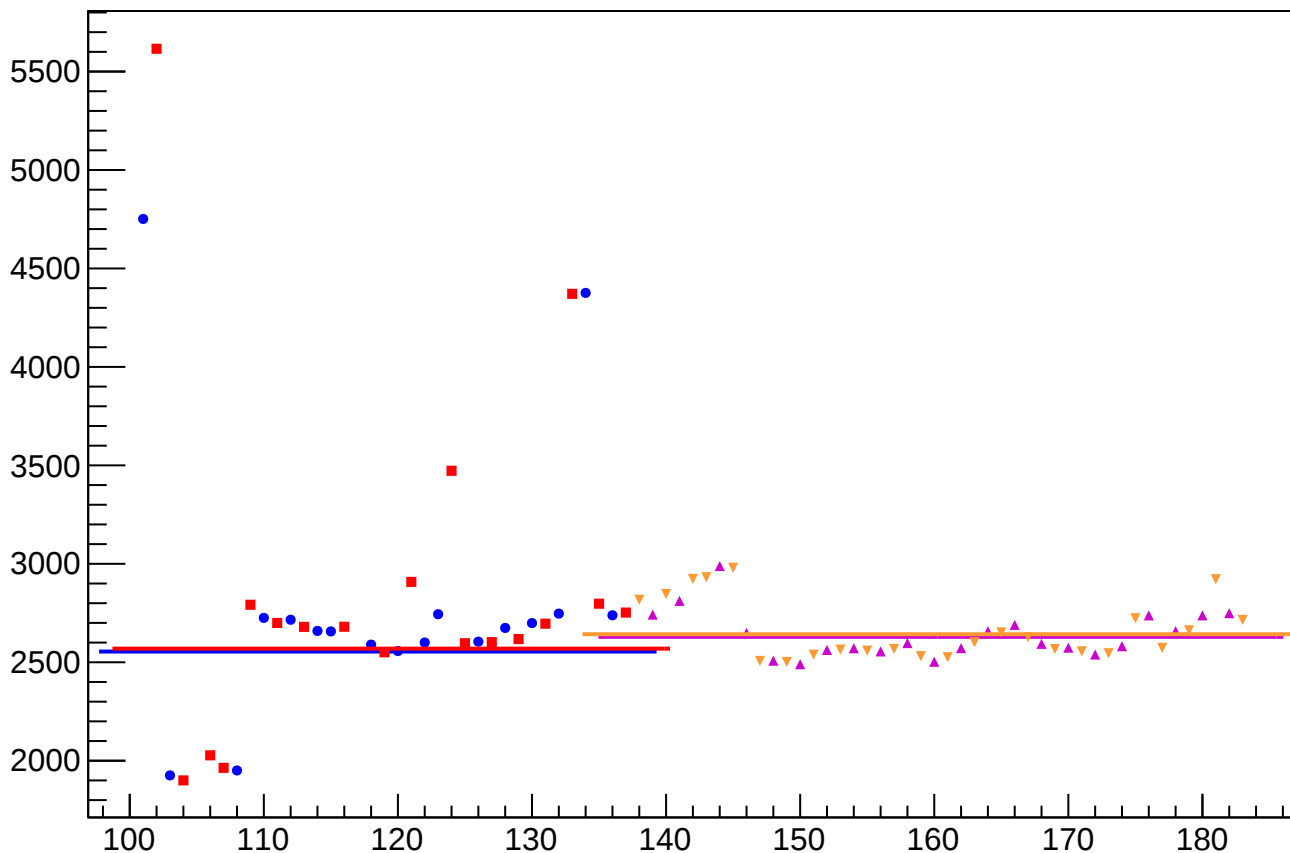
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3290.159+/-535.478 χ^2/NDF : 23.3/38

Out: 1856.601+/-527.502 χ^2/NDF : 49.1/41

All: 2562.623+/-375.788 χ^2/NDF : 76.1/80

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.476 $\pm$ 0.438 χ^2 /NDF:104172.8/23

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2629.179 $\pm$ 0.447 χ^2 /NDF:64675.0/21

Left: 2635.955 $\pm$ 0.313 χ^2 /NDF: 169299.0/45

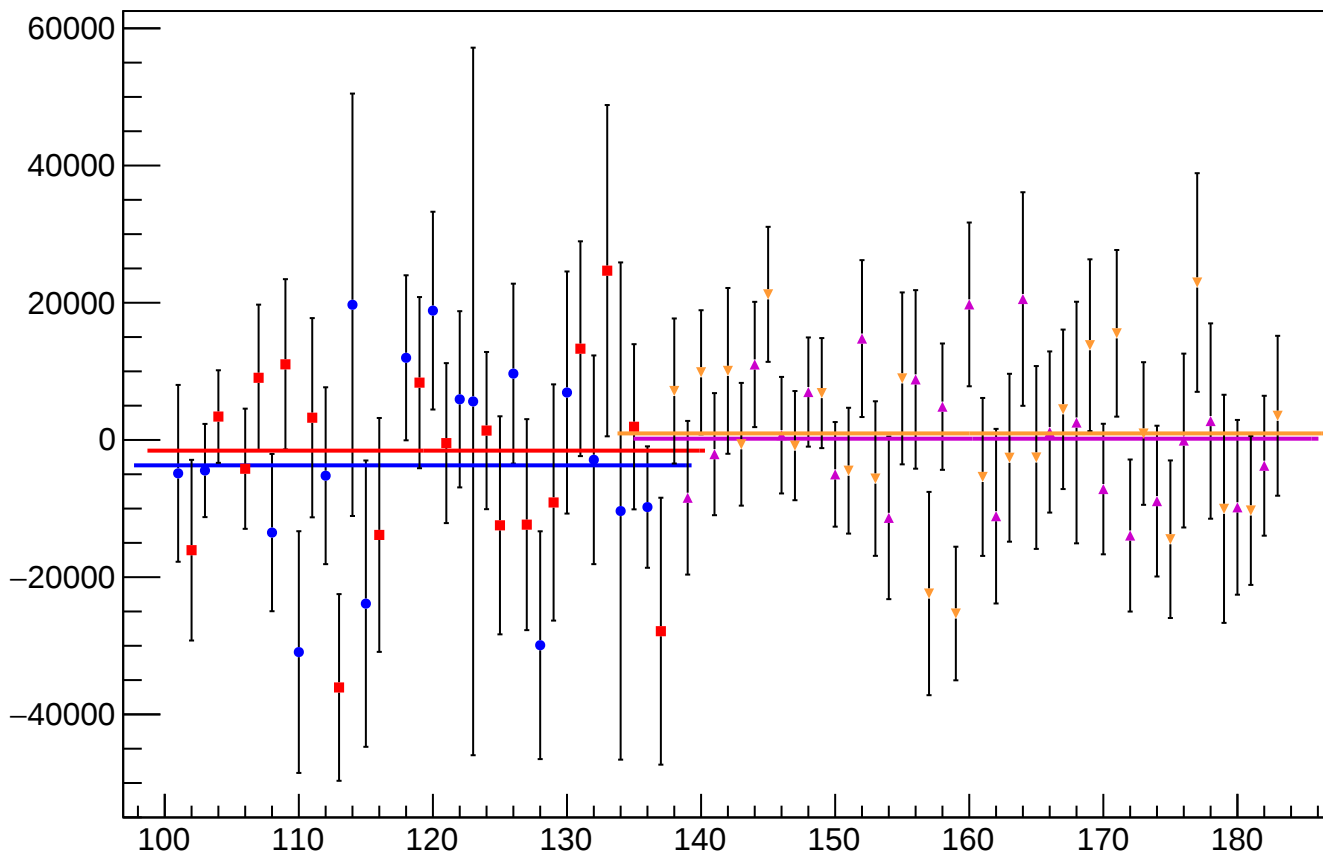
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2608.119 $\pm$ 0.379 χ^2 /NDF:609171.6/38

Out: 2622.255 $\pm$ 0.373 χ^2 /NDF:835209.4/41

All: 2615.294 $\pm$ 0.266 χ^2 /NDF: 1445088.4/80

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 954.333 $\pm$ 2213.483 χ^2 /NDF: 25.9/23

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 183.358 $\pm$ 2269.524 χ^2 /NDF: 15.4/21

Left: 578.482 $\pm$ 1584.611 χ^2 /NDF: 41.4/45

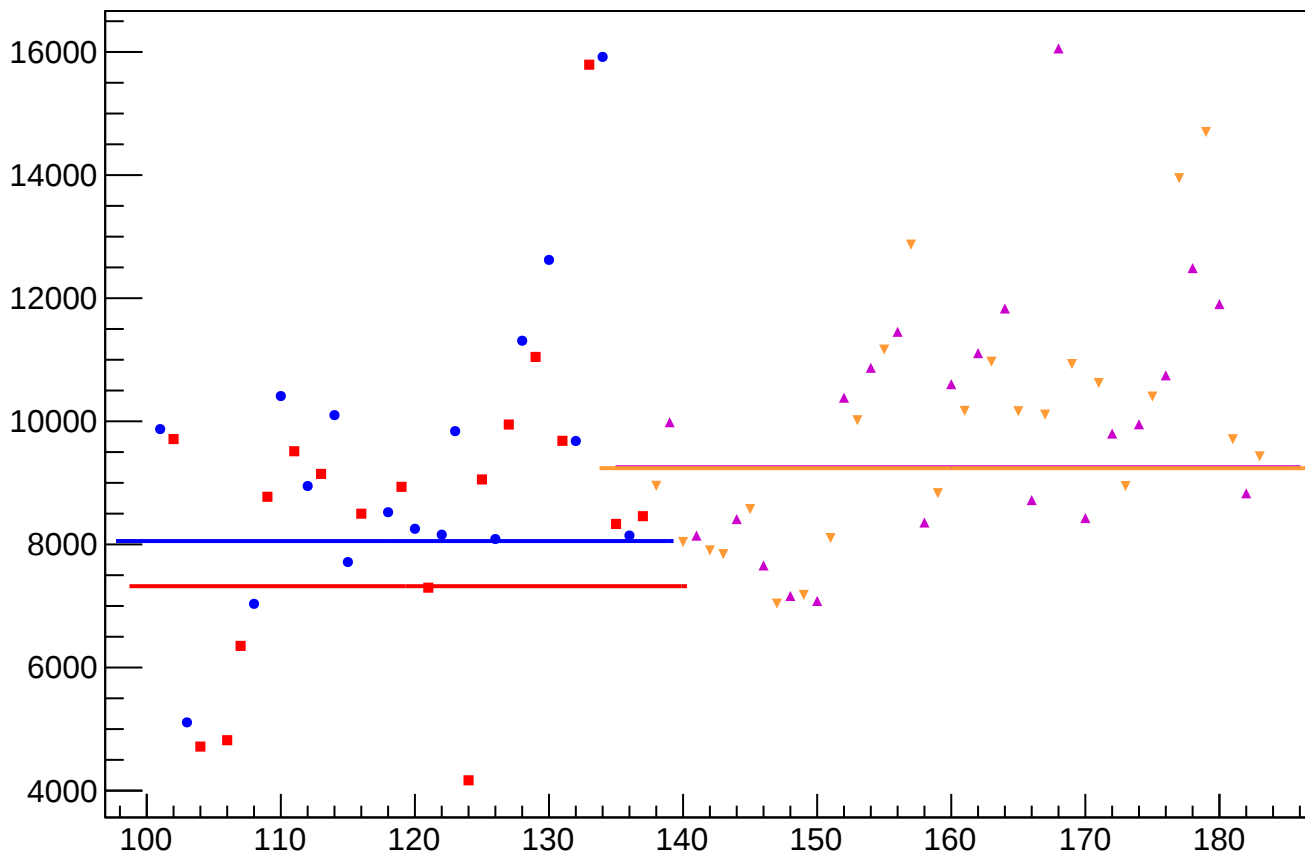
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -1106.508 $\pm$ 1854.642 χ^2 /NDF: 30.2/38

Out: 35.059 $\pm$ 1762.134 χ^2 /NDF: 43.2/41

All: -506.545 $\pm$ 1277.469 χ^2 /NDF: 73.6/80

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 9238.342+/-1.565 χ^2/NDF :1168174.5/23

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 9254.303+/-1.605 χ^2/NDF :1235318.7/21

Left: 9246.123+/-1.120 χ^2/NDF : 2403543.9/45

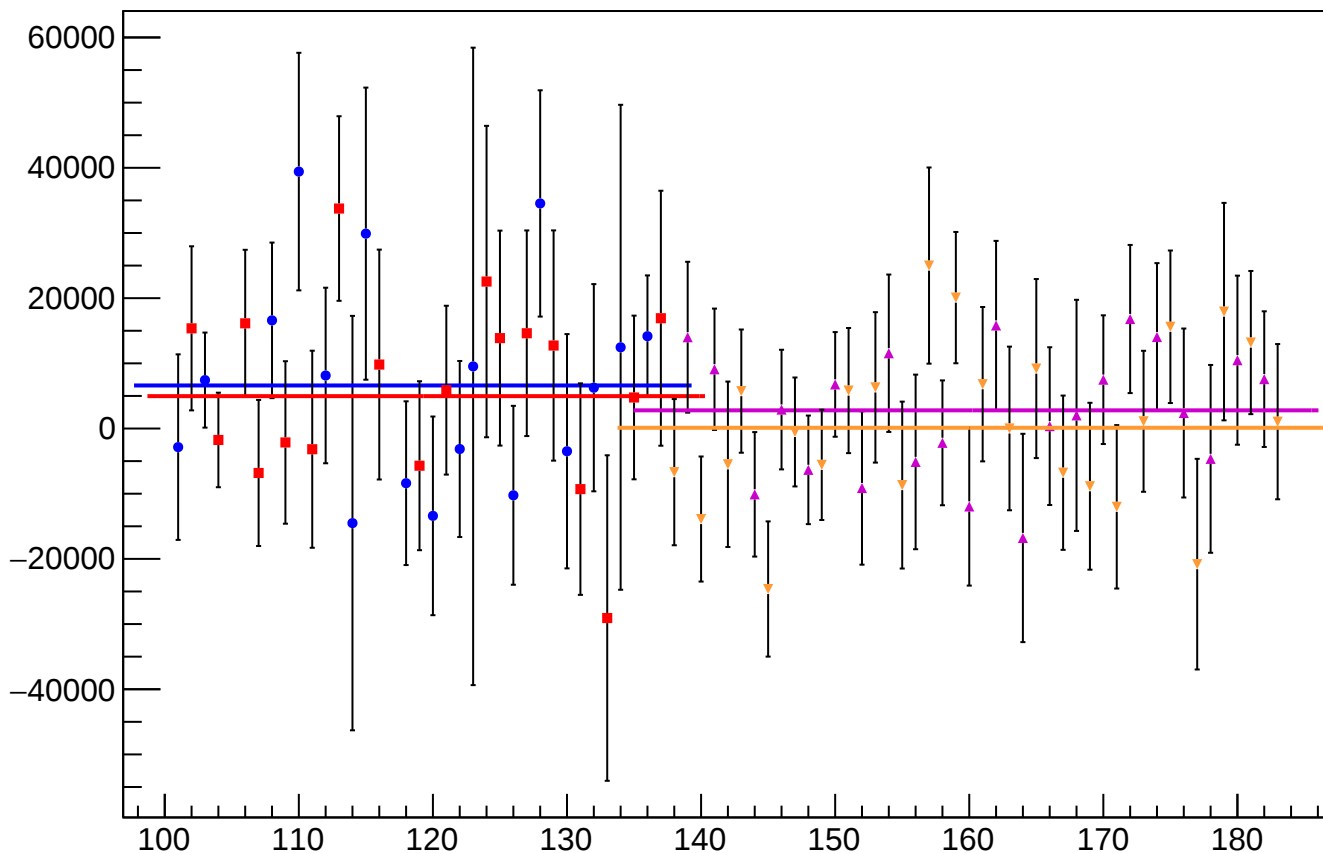
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8855.827+/-1.311 χ^2/NDF :2241680.2/38

Out: 8536.294+/-1.246 χ^2/NDF :3053478.7/41

All: 8687.893+/-0.903 χ^2/NDF : 5326359.6/80

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 113.199+/-2297.089 χ^2/NDF : 25.5/23

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2790.200+/-2352.382 χ^2/NDF : 14.4/21

Left: 1419.868+/-1643.487 χ^2/NDF : 40.6/45

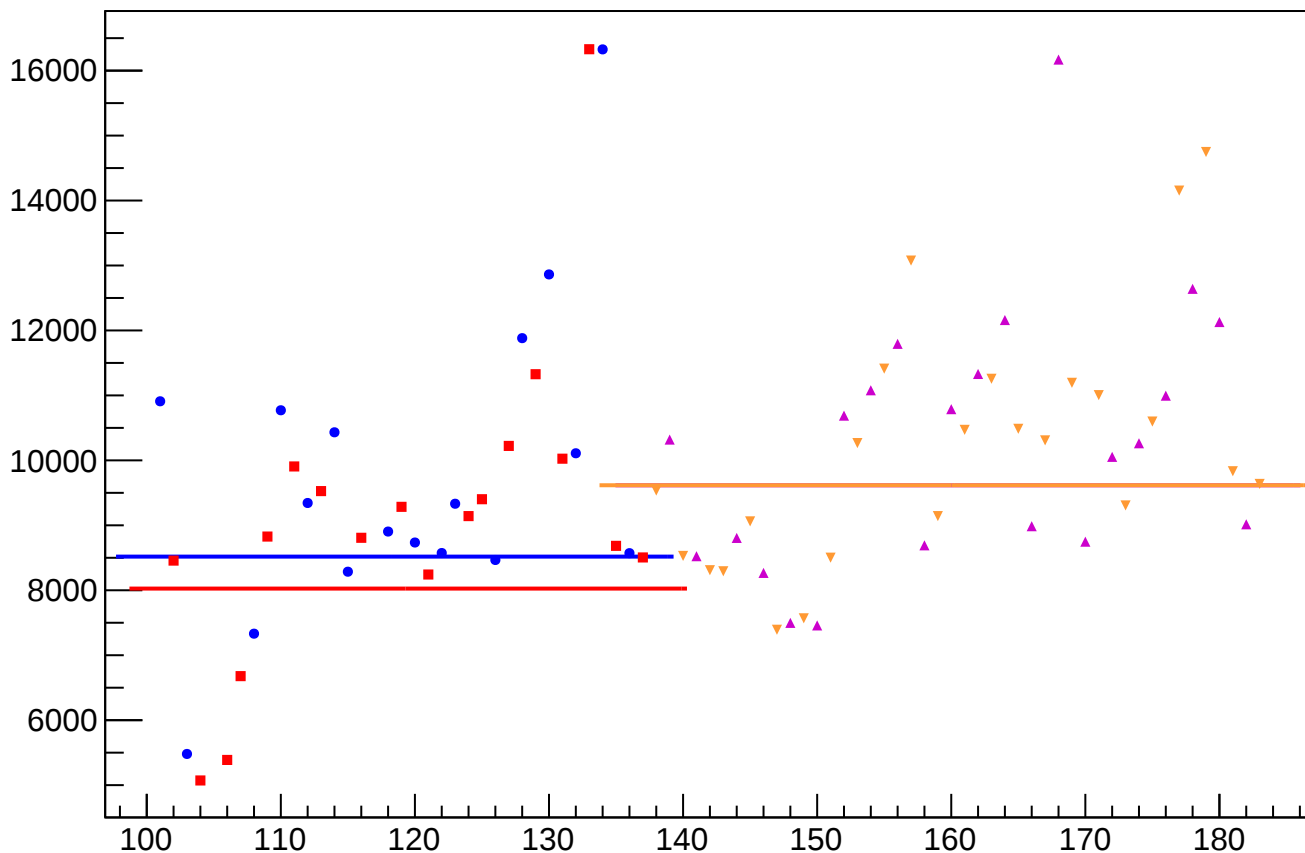
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4027.945+/-1933.738 χ^2/NDF : 30.0/38

Out: 1779.912+/-1861.455 χ^2/NDF : 40.6/41

All: 2861.128+/-1341.073 χ^2/NDF : 71.2/80

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2 /NDF: 771995.0/16

Left Out: 9616.809 $\pm$ 1.624 χ^2 /NDF: 1011200.0/23

Right Out: 8026.045 $\pm$ 2.246 χ^2 /NDF: 942657.8/17

Left In: 9615.900 $\pm$ 1.663 χ^2 /NDF: 1084100.6/21

Left: 9616.365 $\pm$ 1.162 χ^2 /NDF: 2095300.8/45

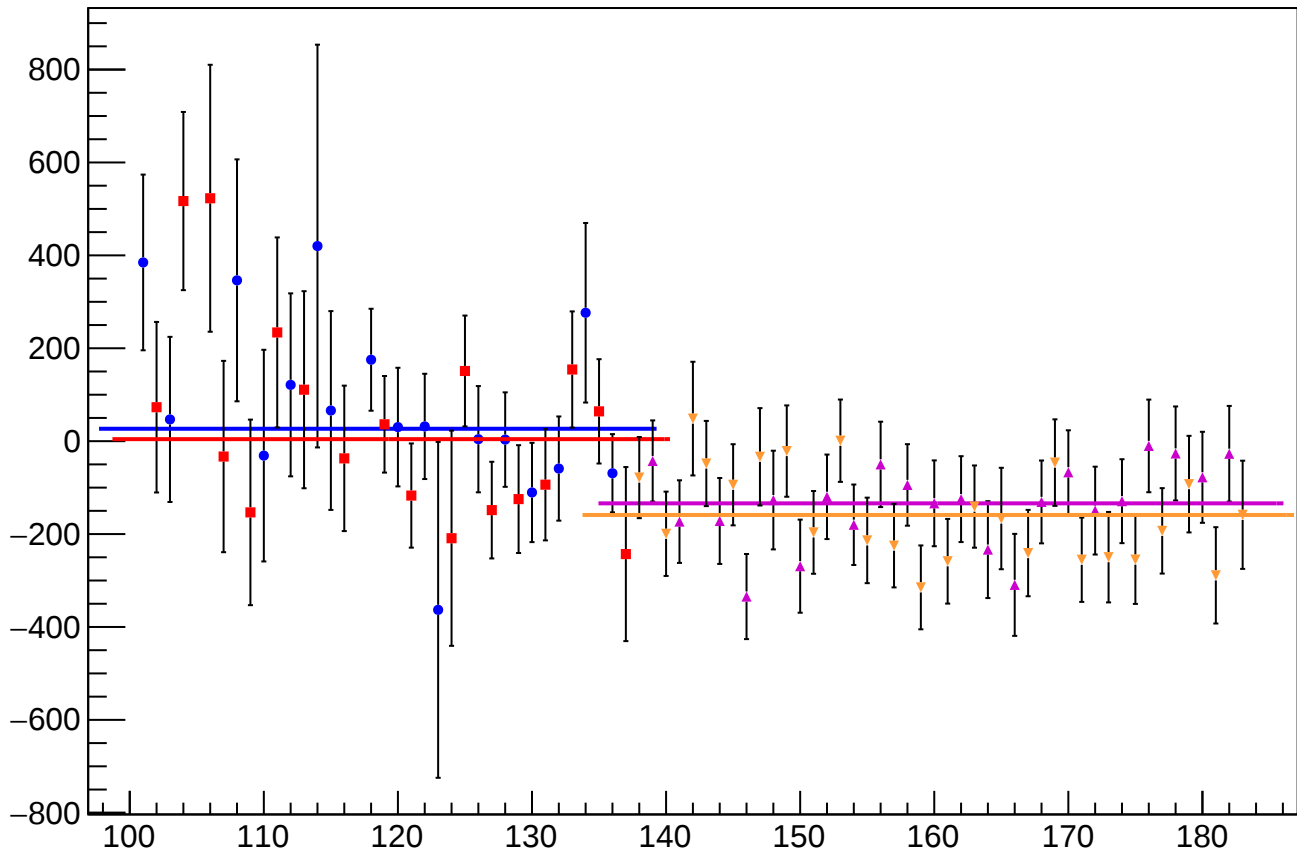
Right: 8255.767 $\pm$ 1.640 χ^2 /NDF: 1737062.4/34

In: 9259.983 $\pm$ 1.367 χ^2 /NDF: 1997290.1/38

Out: 9070.632 $\pm$ 1.316 χ^2 /NDF: 2283174.5/41

All: 9161.701 $\pm$ 0.948 χ^2 /NDF: 4290418.2/80

dit_asym_sam1_mean vs Slug, Sign Corrected



Left: -146.818 $\pm$ 13.961 χ^2/NDF : 43.6/45

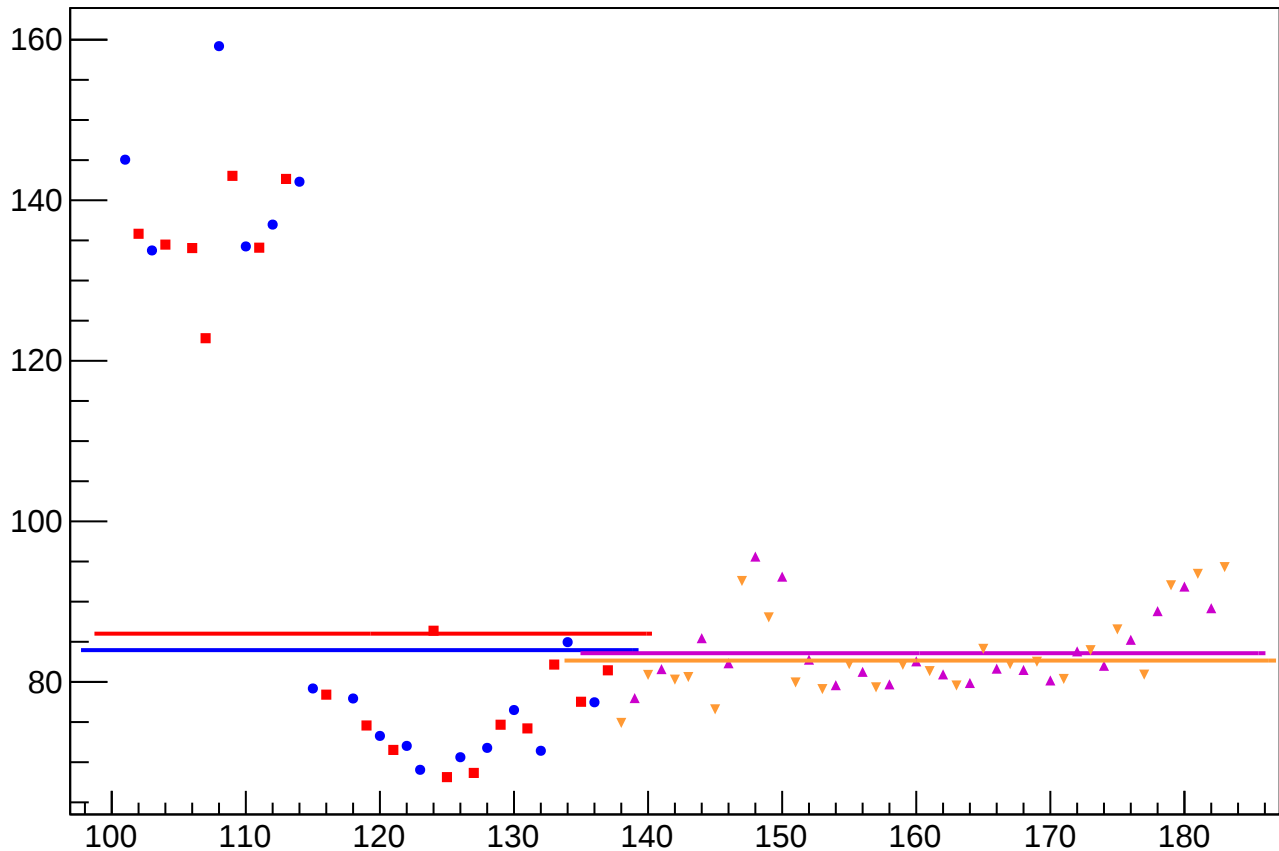
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34

In: -91.554 $\pm$ 17.261 χ^2/NDF : 48.9/38

Out: -118.510 $\pm$ 16.828 χ^2/NDF : 66.7/41

All: -105.375 $\pm$ 12.049 χ^2/NDF : 116.8/80

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 82.662+/-0.014 χ^2/NDF :126742.6/23

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.578+/-0.014 χ^2/NDF :99477.6/21

Left: 83.104+/-0.010 χ^2/NDF : 228369.9/45

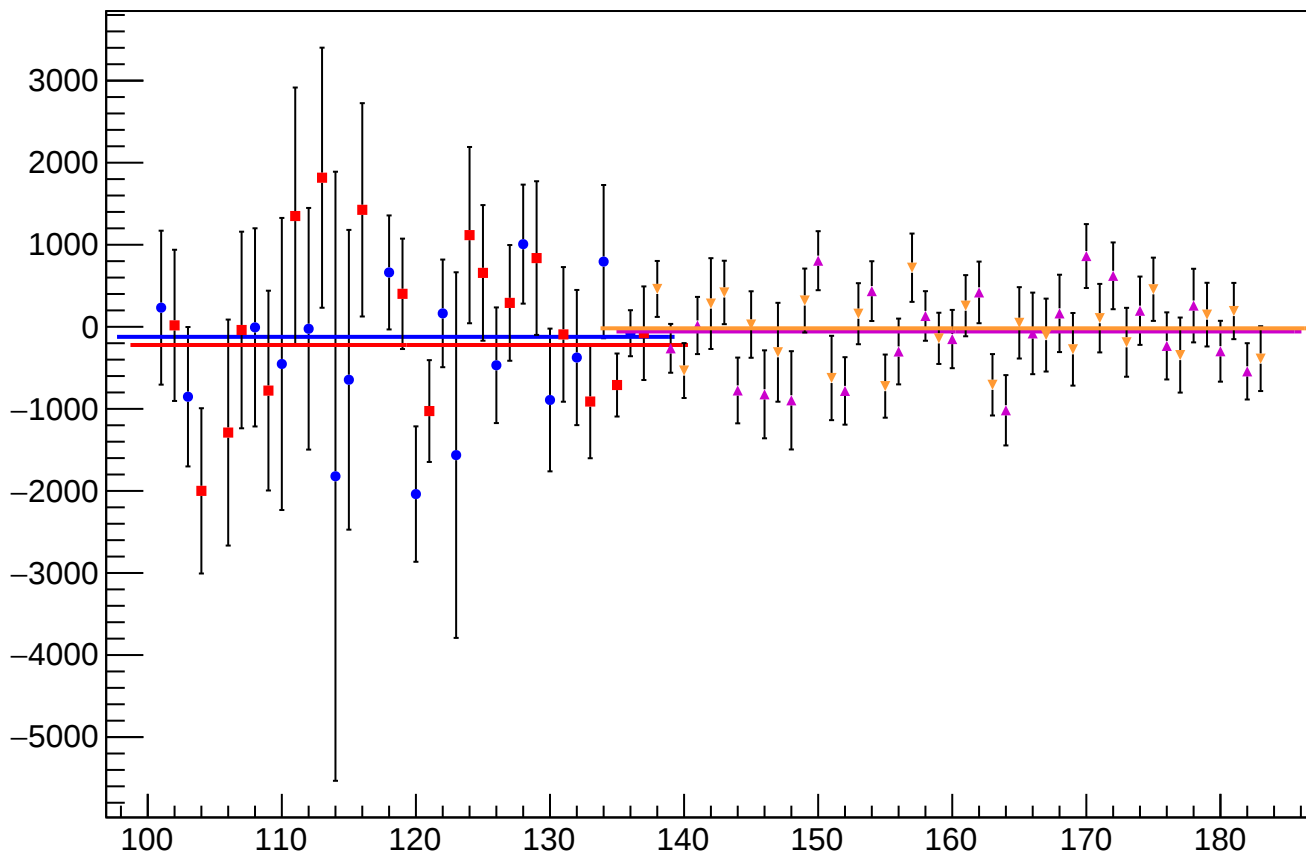
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.679+/-0.012 χ^2/NDF :1059921.7/38

Out: 83.490+/-0.012 χ^2/NDF :1167898.1/41

All: 83.582+/-0.009 χ^2/NDF : 2227942.2/80

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: -18.232 ± 81.371 χ^2/NDF : 23.2/23

Right Out: -221.525 ± 185.098 χ^2/NDF : 18.0/17

Left In: -56.825 ± 83.183 χ^2/NDF : 37.9/21

Left: -37.104 ± 58.168 χ^2/NDF : 61.3/45

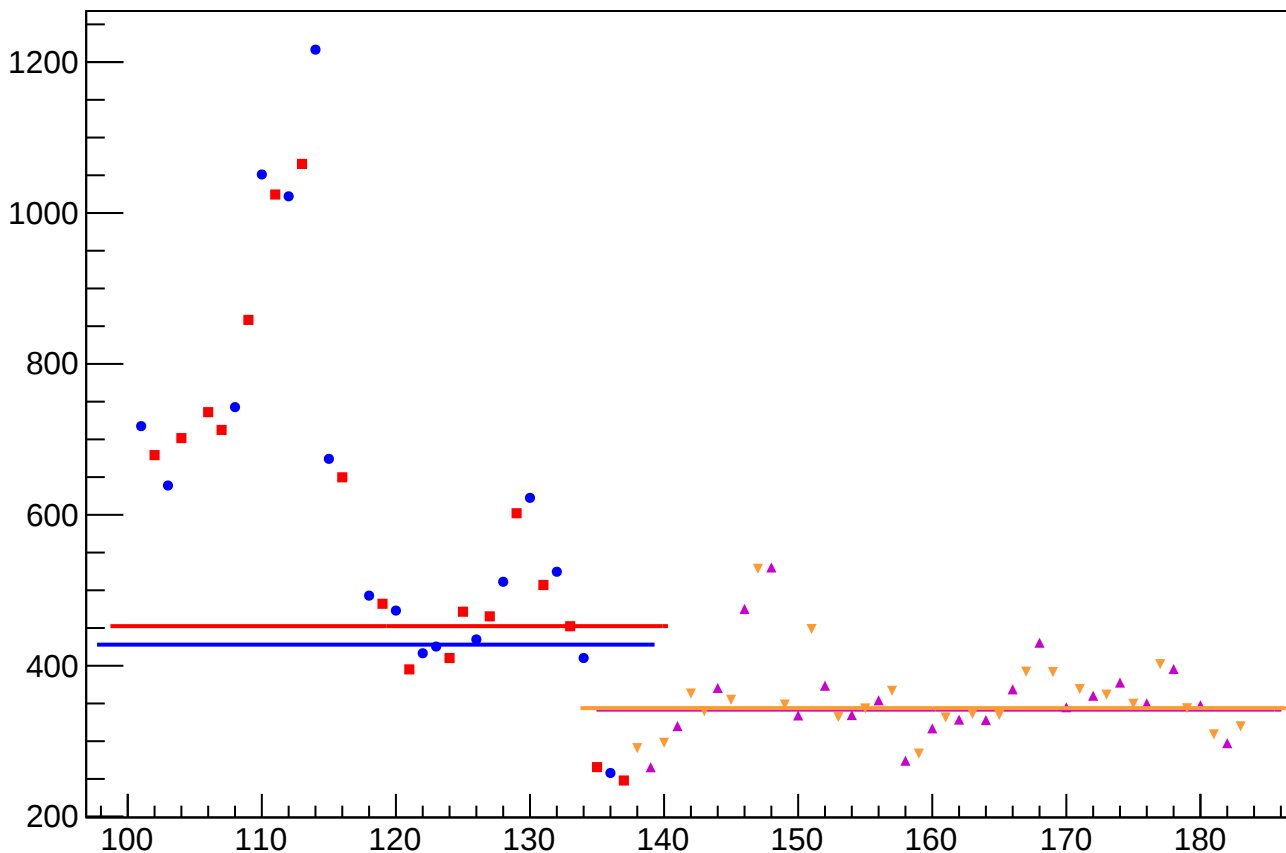
Right: -170.470 ± 128.892 χ^2/NDF : 31.2/34

In: -68.411 ± 75.479 χ^2/NDF : 51.1/38

Out: -51.157 ± 74.491 χ^2/NDF : 42.3/41

All: -59.670 ± 53.019 χ^2/NDF : 93.4/80

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 343.868+/-0.058 χ^2/NDF : 566856.8/23

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 341.844+/-0.059 χ^2/NDF : 761526.8/21

Left: 342.879+/-0.041 χ^2/NDF : 1328988.4/45

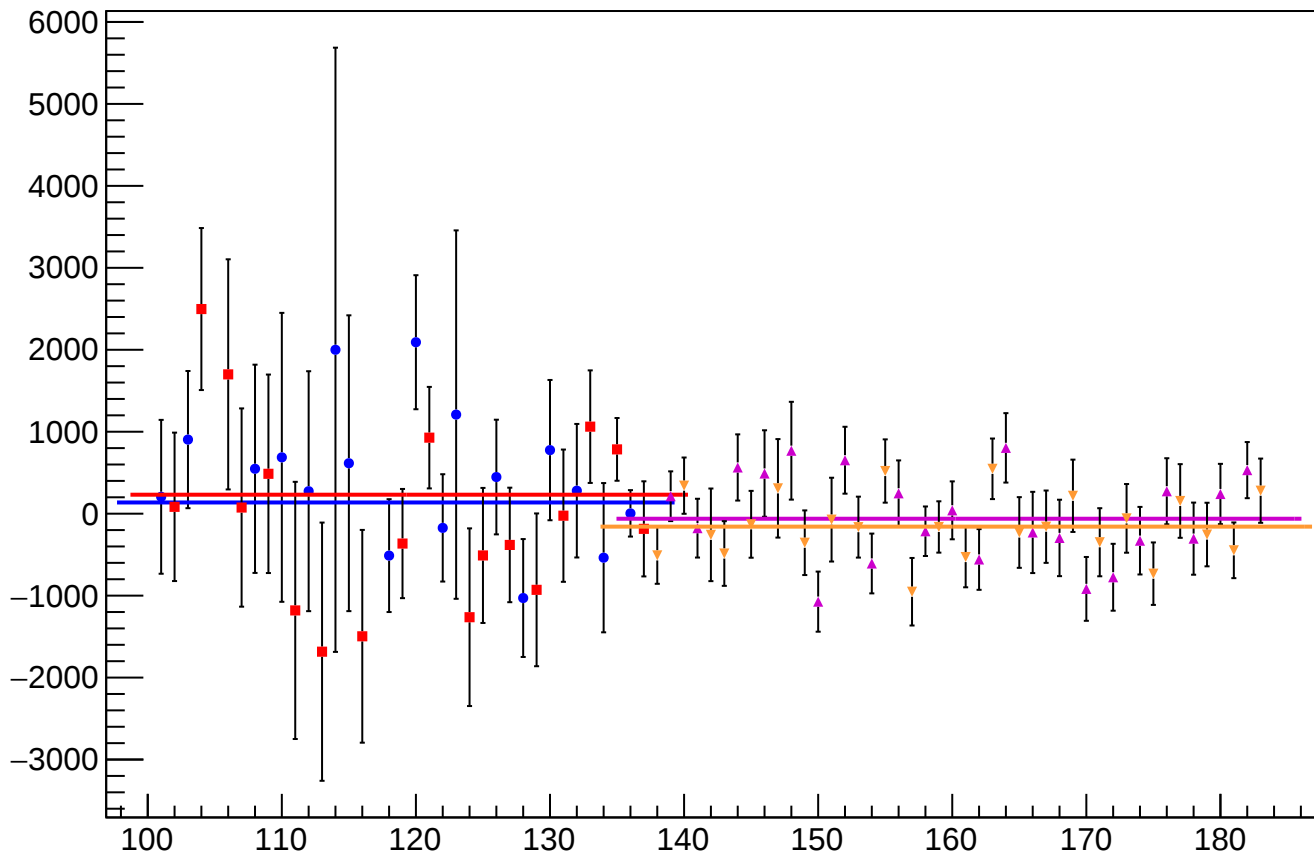
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 357.061+/-0.053 χ^2/NDF : 3202640.0/38

Out: 361.463+/-0.053 χ^2/NDF : 3217277.3/41

All: 359.291+/-0.037 χ^2/NDF : 6423363.5/80

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -158.026 $\pm$ 81.417 χ^2 /NDF:22.0/23

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -61.703 $\pm$ 83.180 χ^2 /NDF:39.5/21

Left: -110.897 $\pm$ 58.184 χ^2 /NDF: 62.2/45

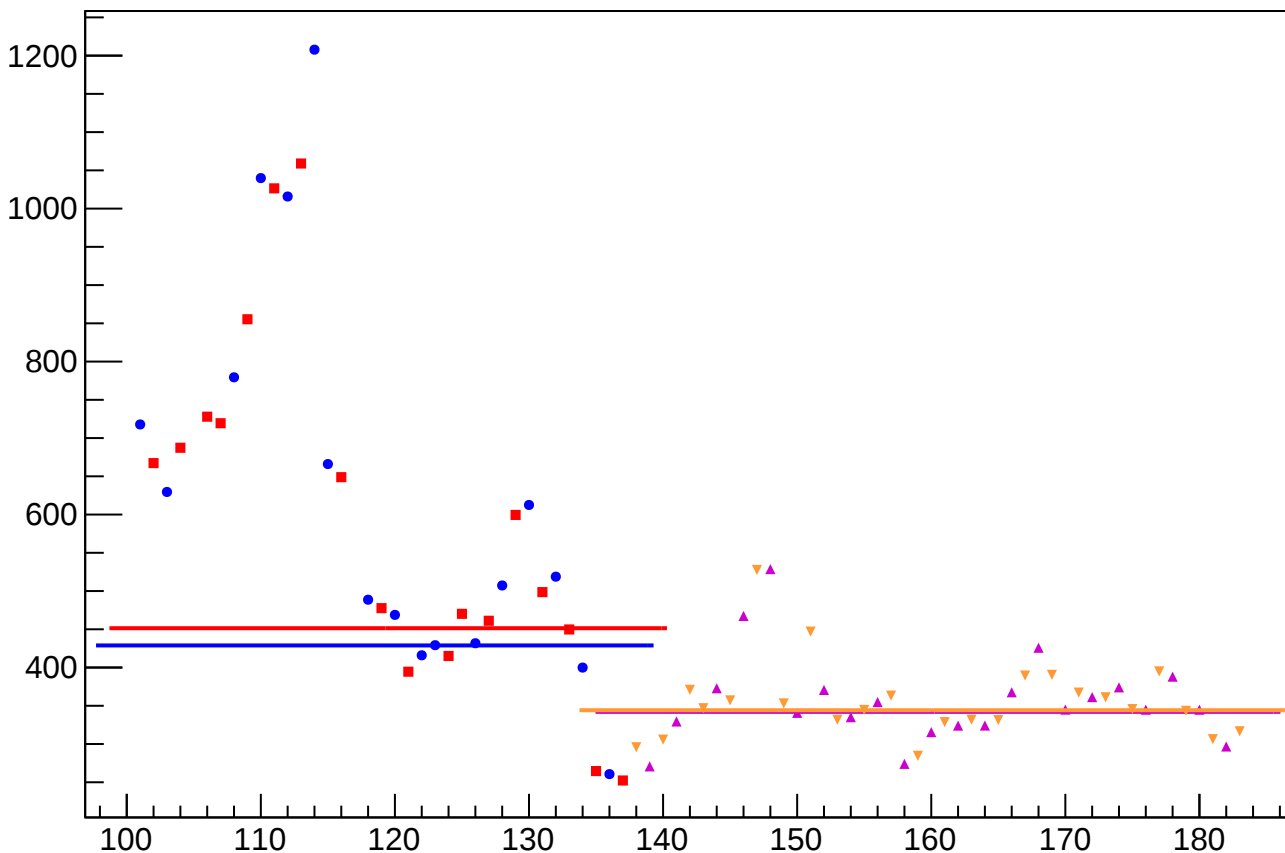
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -26.645 $\pm$ 75.479 χ^2 /NDF:53.1/38

Out: -94.567 $\pm$ 74.492 χ^2 /NDF:47.5/41

All: -61.053 $\pm$ 53.019 χ^2 /NDF: 101.1/80

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 344.192 $\pm$ 0.058 χ^2 /NDF: 537957.0/23

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 342.028 $\pm$ 0.059 χ^2 /NDF: 710209.1/21

Left: 343.133 $\pm$ 0.041 χ^2 /NDF: 1248857.8/45

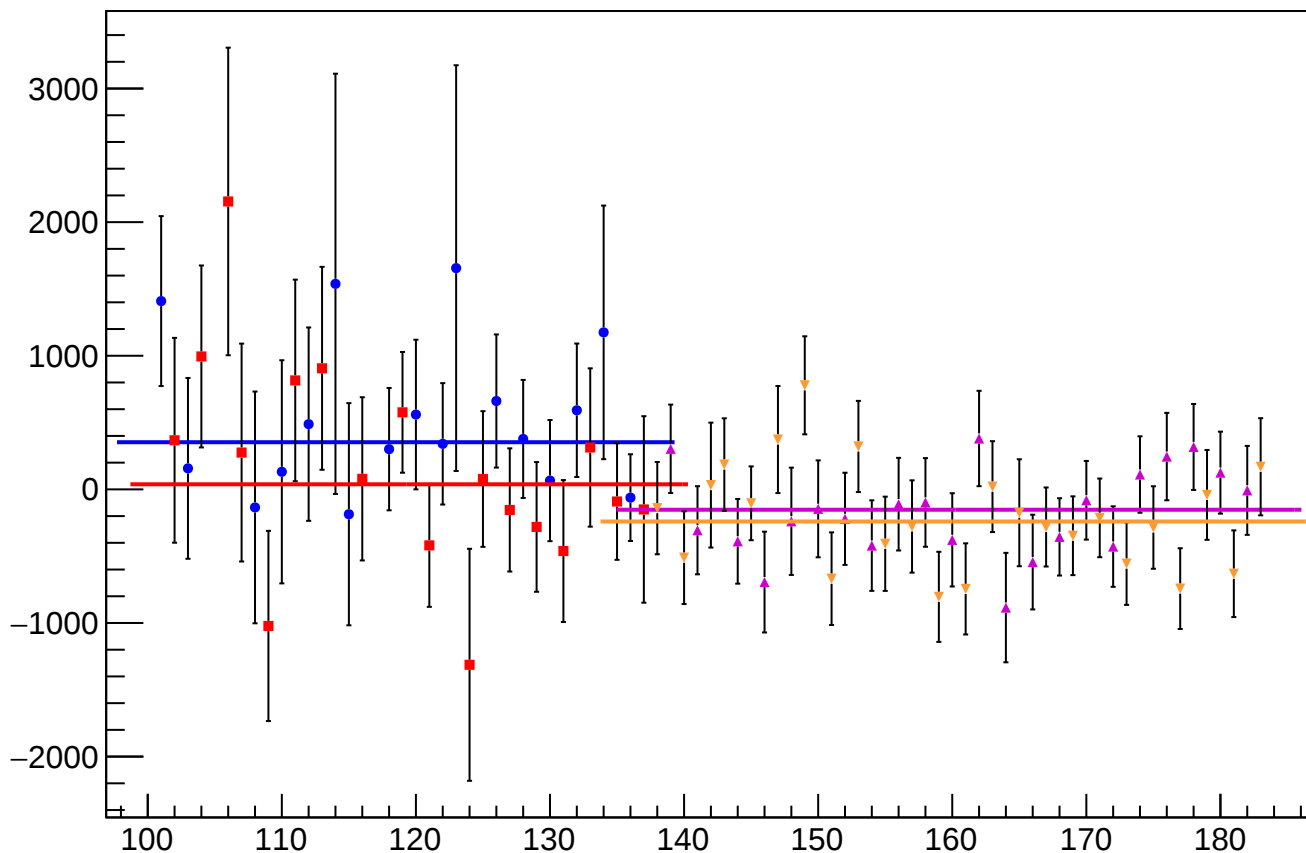
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 357.368 $\pm$ 0.053 χ^2 /NDF: 3105960.8/38

Out: 361.656 $\pm$ 0.053 χ^2 /NDF: 3133635.4/41

All: 359.540 $\pm$ 0.037 χ^2 /NDF: 6242866.1/80

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -240.307 $\pm$ 68.313 χ^2/NDF :30.0/23

Right Out: 37.982 $\pm$ 139.023 χ^2/NDF : 16.9/17

Left In: -152.443 $\pm$ 70.884 χ^2/NDF :19.4/21

Left: -197.998 $\pm$ 49.188 χ^2/NDF : 50.2/45

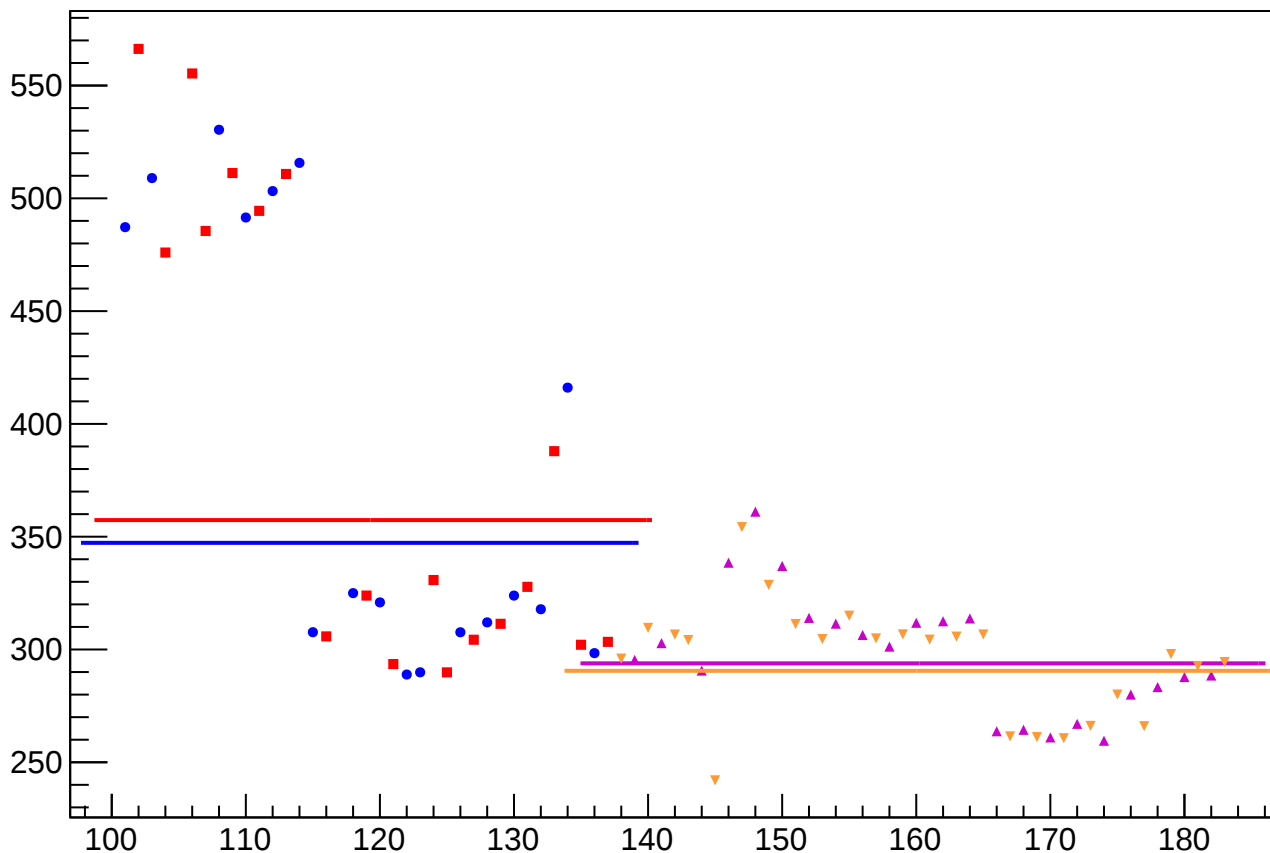
Right: 197.421 $\pm$ 97.689 χ^2/NDF : 28.1/34

In: -46.088 $\pm$ 62.985 χ^2/NDF :38.6/38

Out: -186.182 $\pm$ 61.311 χ^2/NDF :50.1/41

All: -118.022 $\pm$ 43.933 χ^2/NDF : 91.3/80

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 290.553 $\pm$ 0.048 χ^2/NDF :273711.1/23

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 293.866 $\pm$ 0.050 χ^2/NDF :257202.6/21

Left: 292.148 $\pm$ 0.035 χ^2/NDF : 533179.3/45

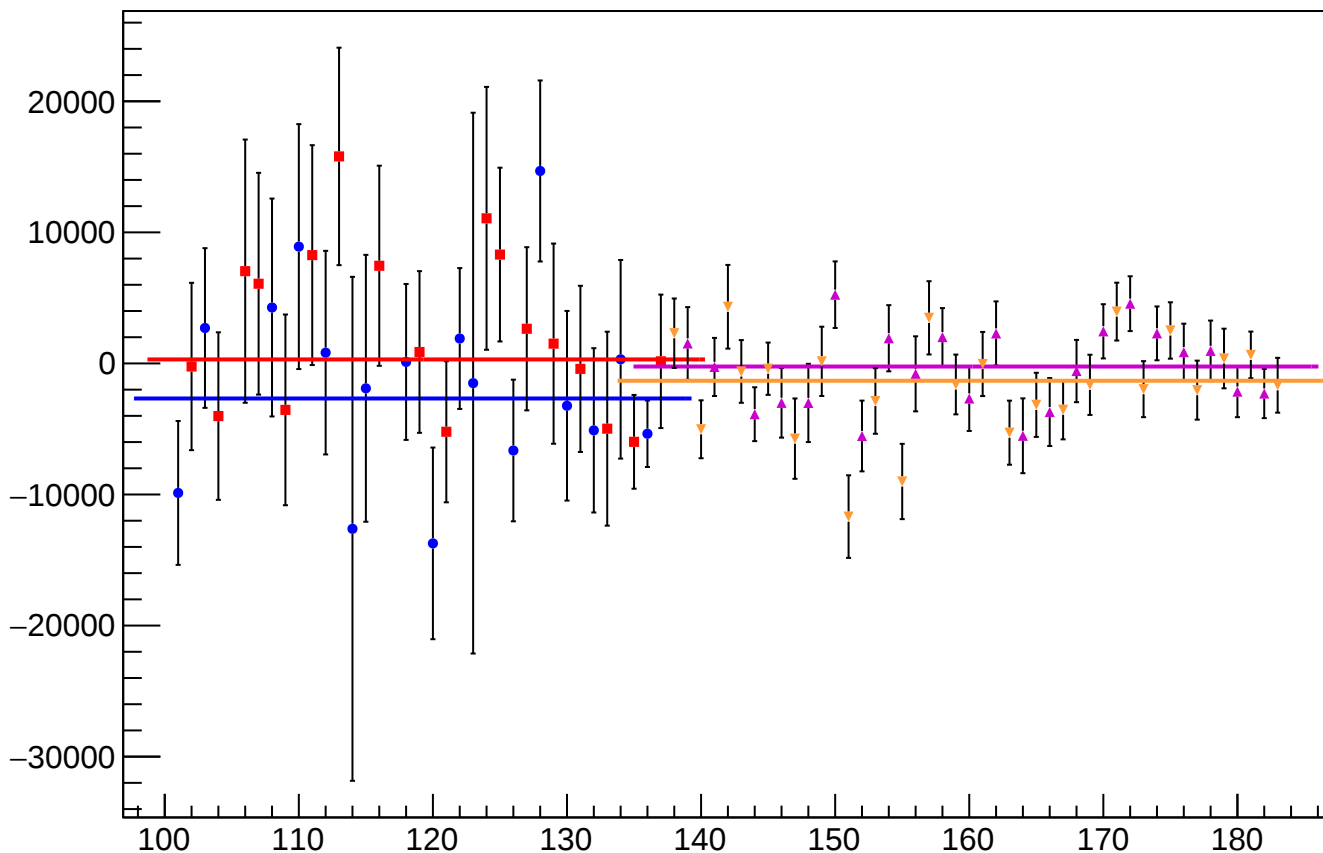
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 305.107 $\pm$ 0.045 χ^2/NDF :1115103.0/38

Out: 303.547 $\pm$ 0.043 χ^2/NDF :1405728.1/41

All: 304.306 $\pm$ 0.031 χ^2/NDF : 2521461.0/80

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1321.458 $\pm$ 483.069 χ^2 /NDF: 47.2/23

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -235.931 $\pm$ 498.520 χ^2 /NDF: 34.2/21

Left: -795.778 $\pm$ 346.915 χ^2 /NDF: 83.8/45

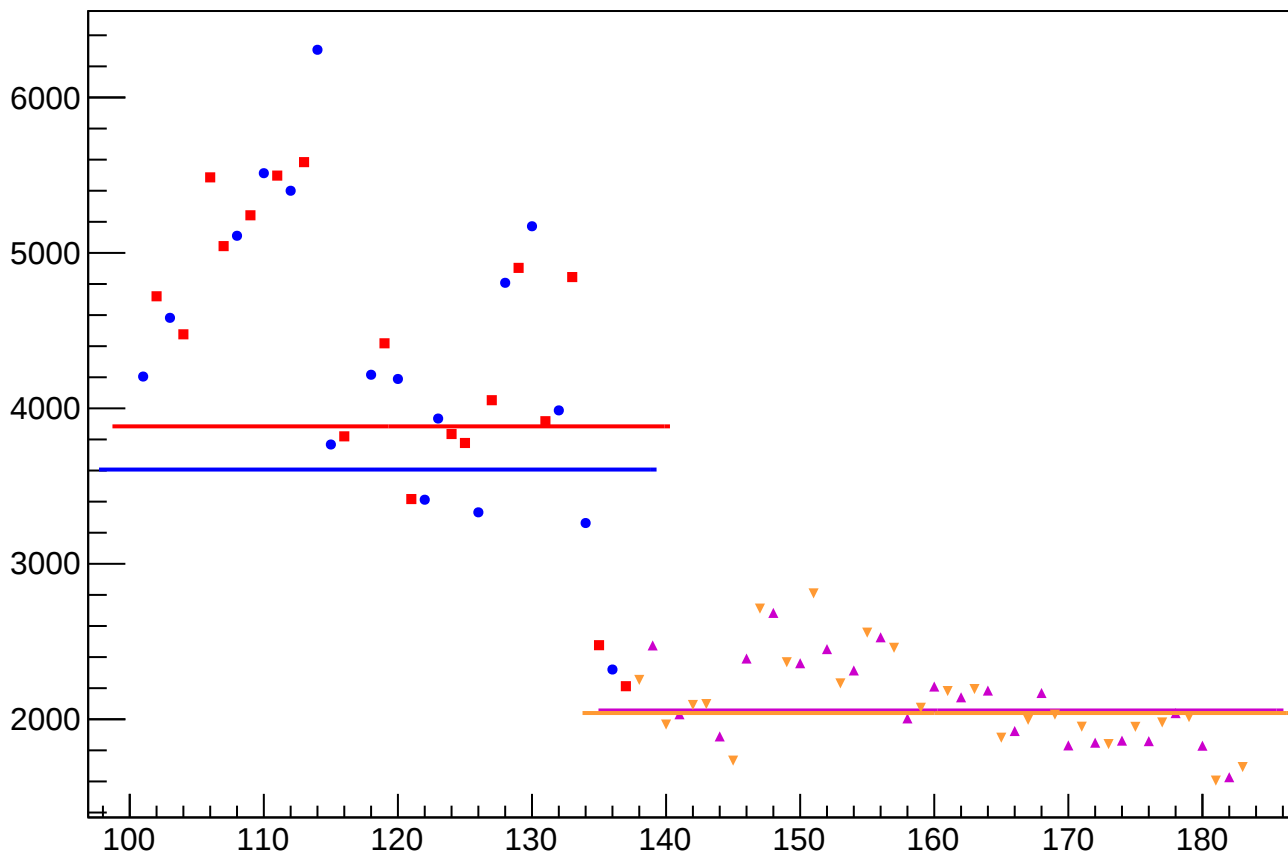
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -491.701 $\pm$ 471.647 χ^2 /NDF: 53.5/38

Out: -1171.882 $\pm$ 460.318 χ^2 /NDF: 62.6/41

All: -840.059 $\pm$ 329.426 χ^2 /NDF: 117.1/80

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2040.115+/-0.342 χ^2/NDF : 656113.3/23

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2056.499+/-0.353 χ^2/NDF : 559574.9/21

Left: 2048.049+/-0.245 χ^2/NDF : 1216802.3/45

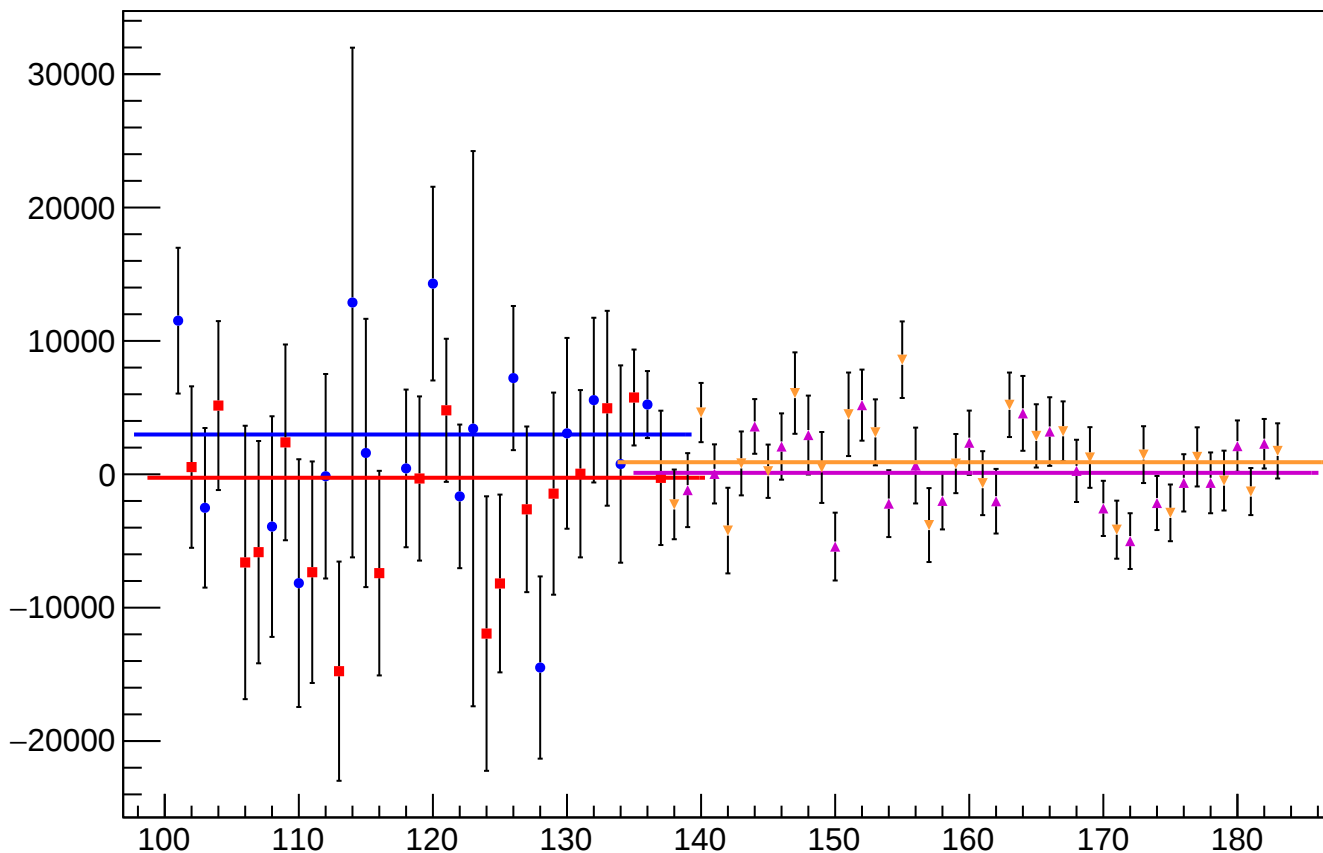
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2219.088+/-0.334 χ^2/NDF : 3680004.4/38

Out: 2209.724+/-0.325 χ^2/NDF : 4331356.7/41

All: 2214.292+/-0.233 χ^2/NDF : 8011764.9/80

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 905.954+/-478.643 χ^2/NDF : 38.2/23

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 108.388+/-492.441 χ^2/NDF : 32.1/21

Left: 518.501+/-343.226 χ^2/NDF : 71.7/45

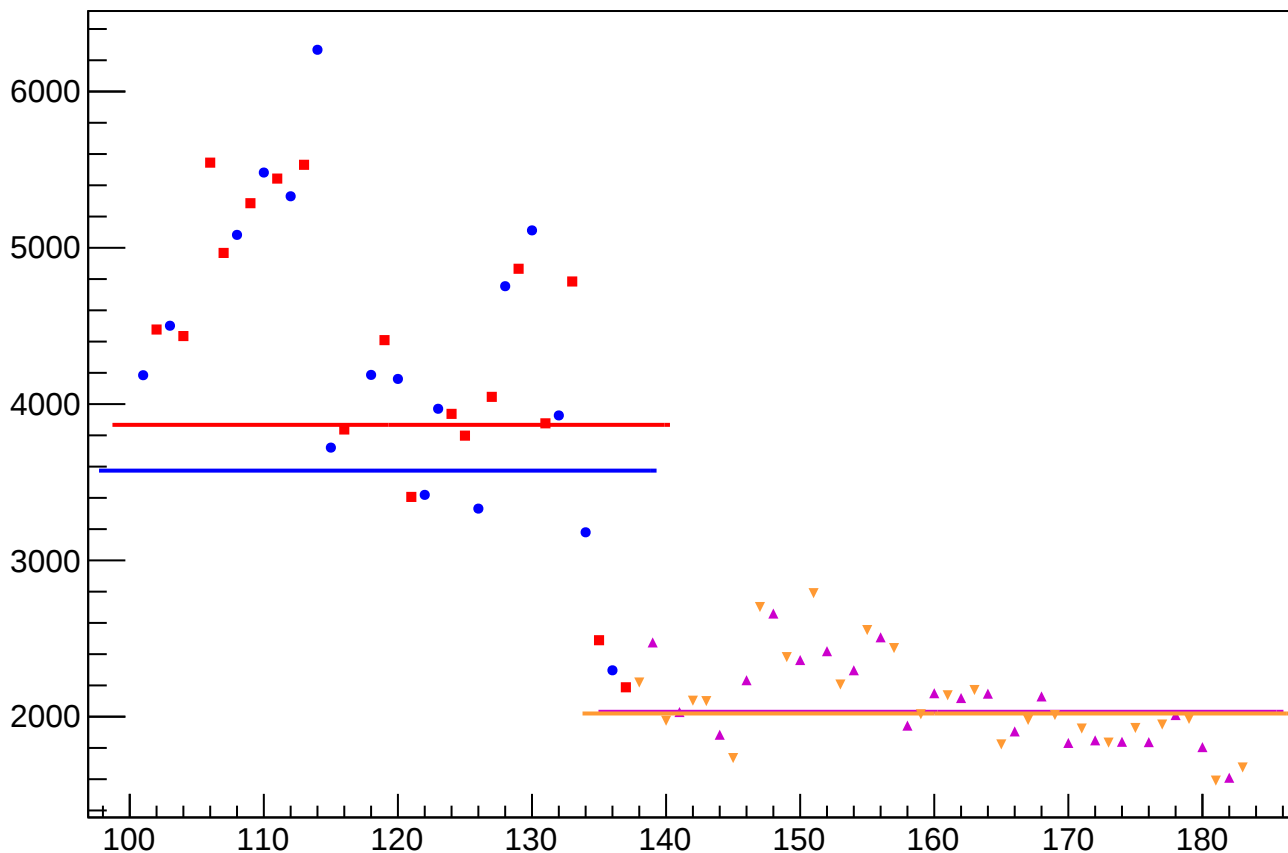
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 408.073+/-466.072 χ^2/NDF : 53.1/38

Out: 799.567+/-456.279 χ^2/NDF : 52.3/41

All: 607.976+/-326.045 χ^2/NDF : 105.7/80

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2020.378 $\pm$ 0.338 χ^2 /NDF: 666696.6/23

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2031.253 $\pm$ 0.348 χ^2 /NDF: 541671.6/21

Left: 2025.661 $\pm$ 0.243 χ^2 /NDF: 1208869.7/45

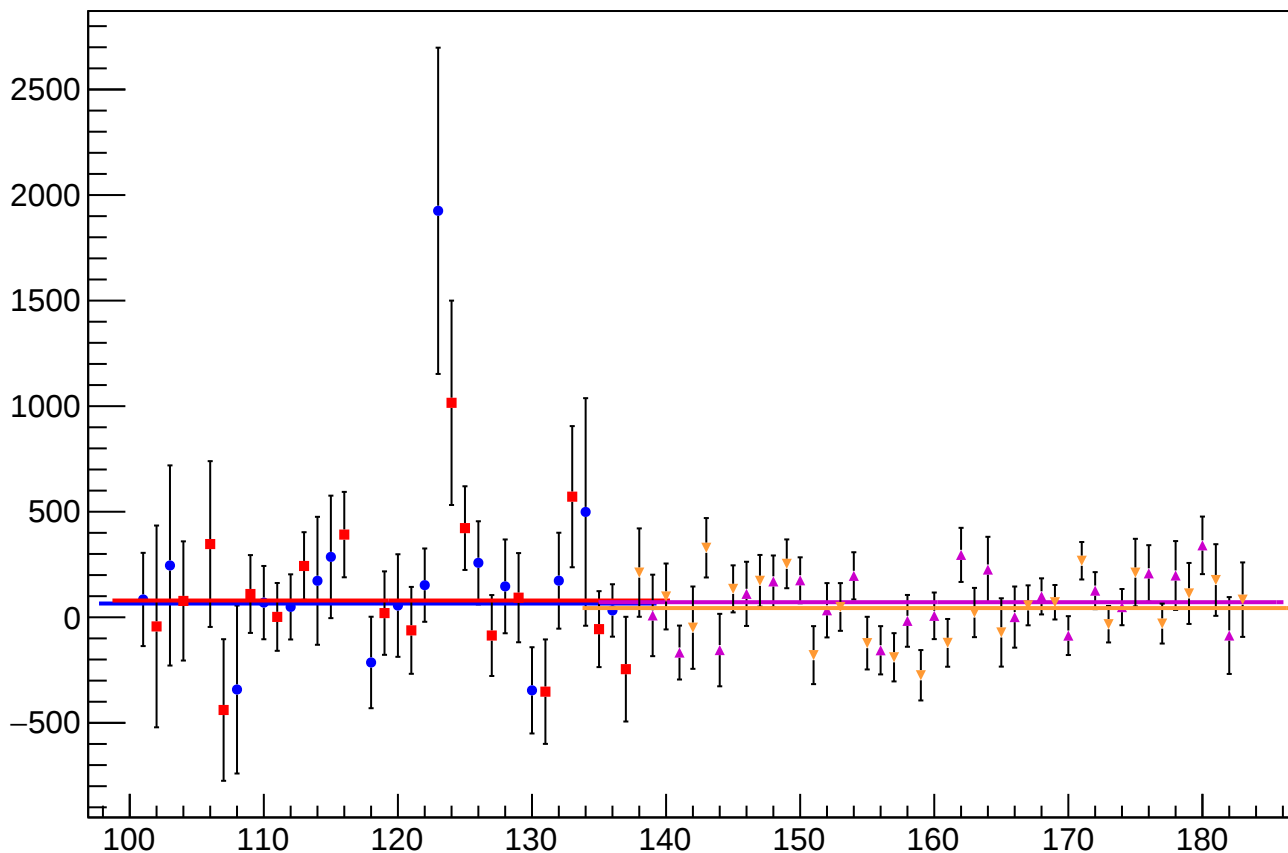
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2192.092 $\pm$ 0.330 χ^2 /NDF: 3679976.5/38

Out: 2188.933 $\pm$ 0.323 χ^2 /NDF: 4352398.5/41

All: 2190.479 $\pm$ 0.231 χ^2 /NDF: 8032421.9/80

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 43.650 $\pm$ 24.377 χ^2 /NDF:38.4/23

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 71.514 $\pm$ 25.561 χ^2 /NDF:27.2/21

Left: 56.922 $\pm$ 17.641 χ^2 /NDF: 66.3/45

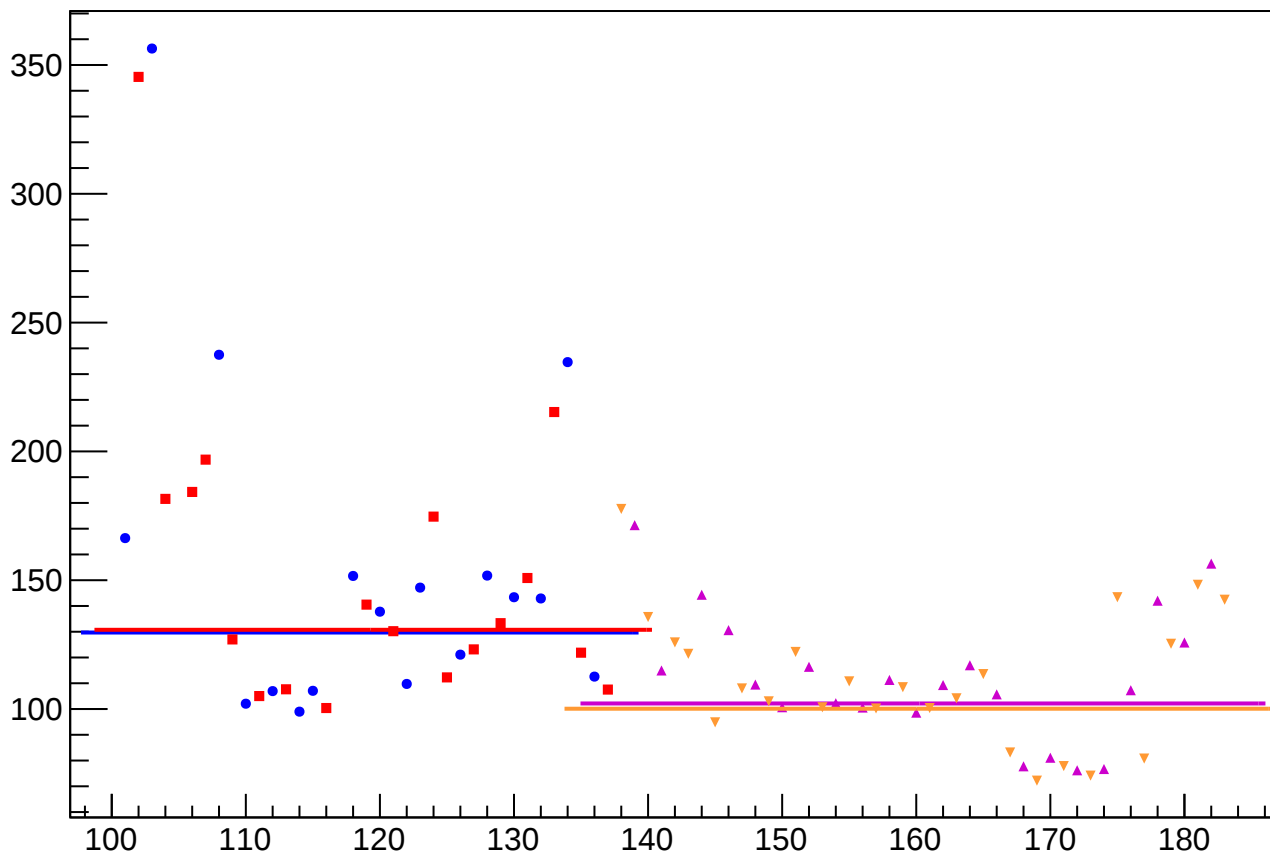
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 70.316 $\pm$ 22.998 χ^2 /NDF:43.0/38

Out: 50.035 $\pm$ 22.098 χ^2 /NDF:61.0/41

All: 59.771 $\pm$ 15.935 χ^2 /NDF: 104.3/80

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 100.115 $\pm$ 0.017 χ^2 /NDF:1736767.7/23

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 102.156 $\pm$ 0.018 χ^2 /NDF:1519402.7/21

Left: 101.087 $\pm$ 0.012 χ^2 /NDF: 3262849.9/45

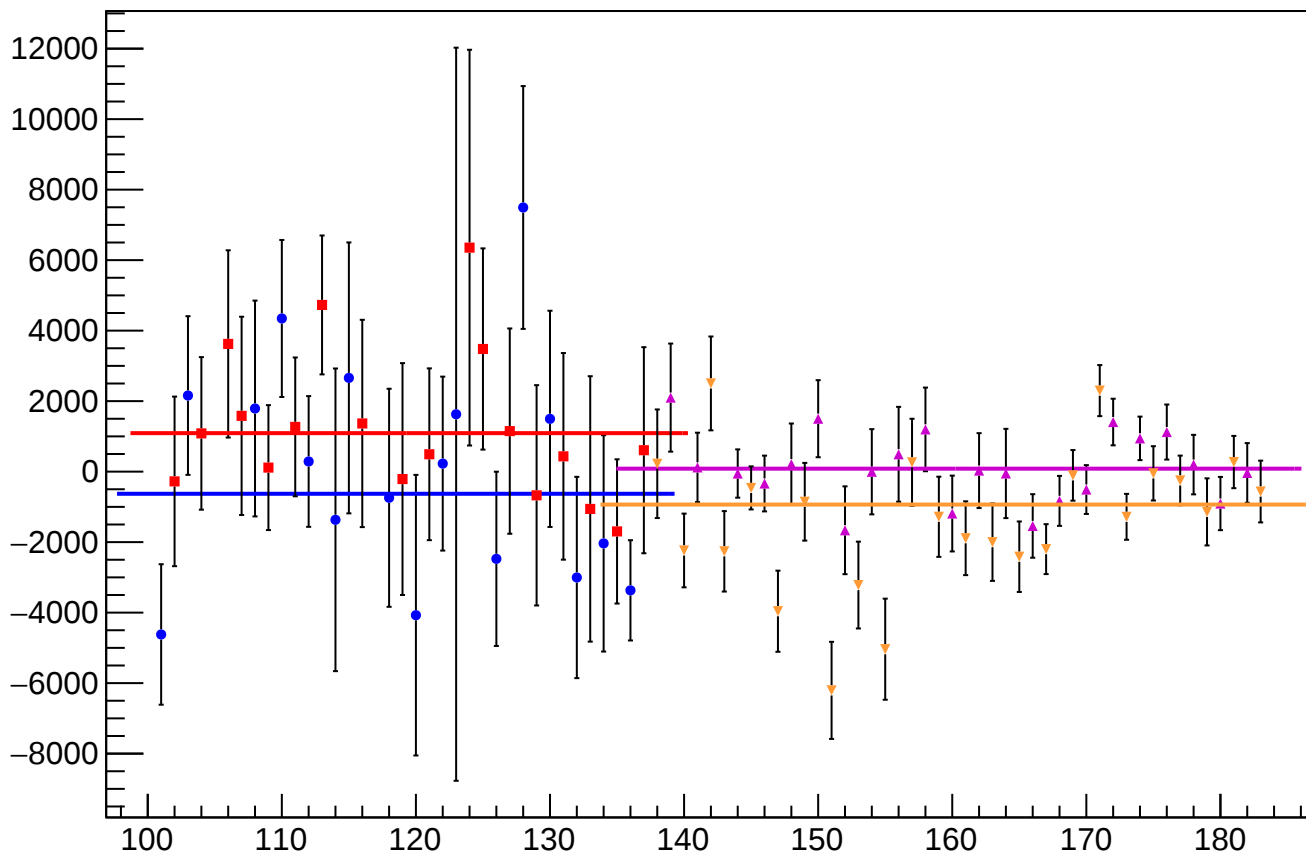
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 107.401 $\pm$ 0.016 χ^2 /NDF:2951266.8/38

Out: 105.575 $\pm$ 0.016 χ^2 /NDF:3227335.8/41

All: 106.452 $\pm$ 0.011 χ^2 /NDF: 6185156.6/80

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -933.996 ± 186.040 χ^2/NDF : 78.8/23

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 83.928 ± 188.484 χ^2/NDF : 23.2/21

Left: -431.675 ± 132.406 χ^2/NDF : 116.8/45

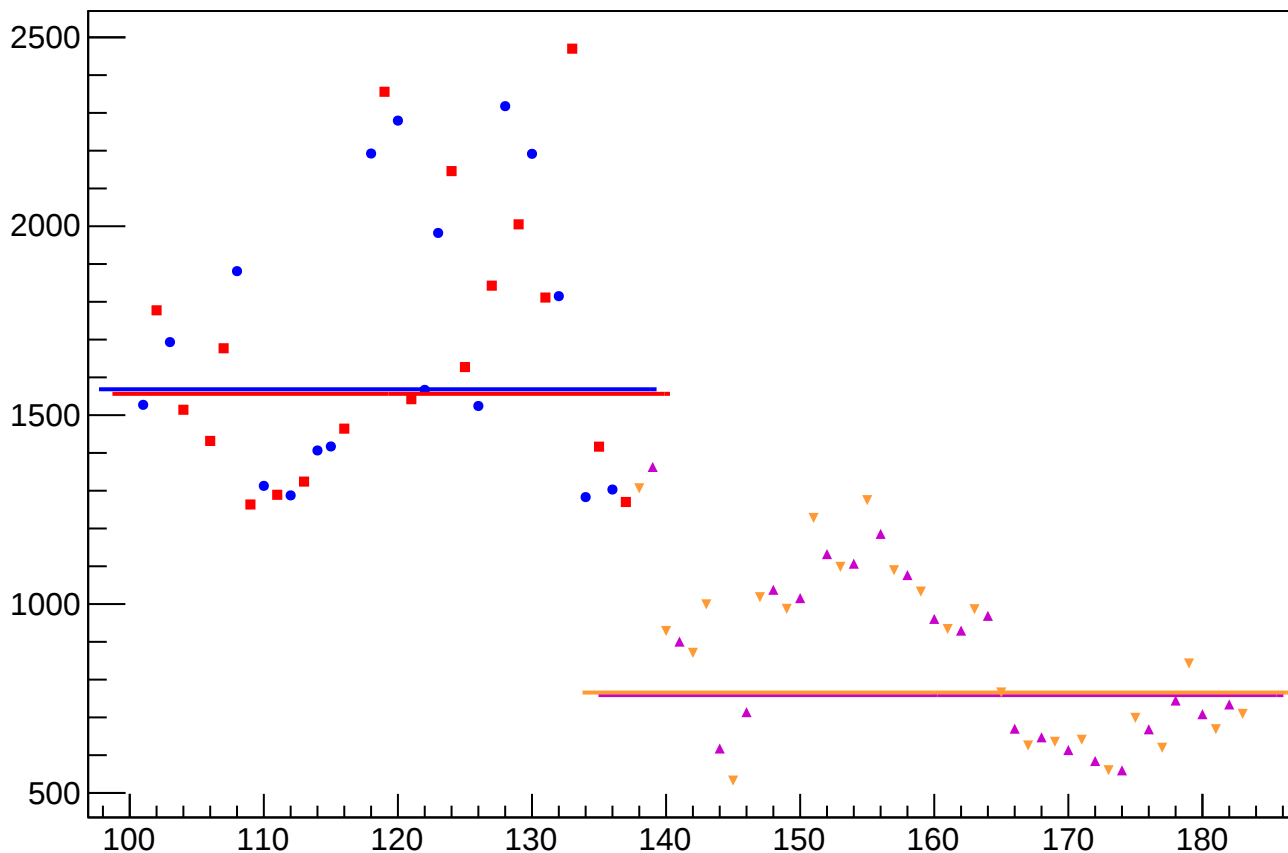
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: 23.948 ± 180.371 χ^2/NDF : 48.7/38

Out: -756.023 ± 177.681 χ^2/NDF : 98.6/41

All: -371.898 ± 126.580 χ^2/NDF : 156.8/80

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 765.786+/-0.132 χ^2/NDF : 2422489.2/23

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 759.088+/-0.133 χ^2/NDF : 2079650.5/21

Left: 762.480+/-0.094 χ^2/NDF : 4503419.0/45

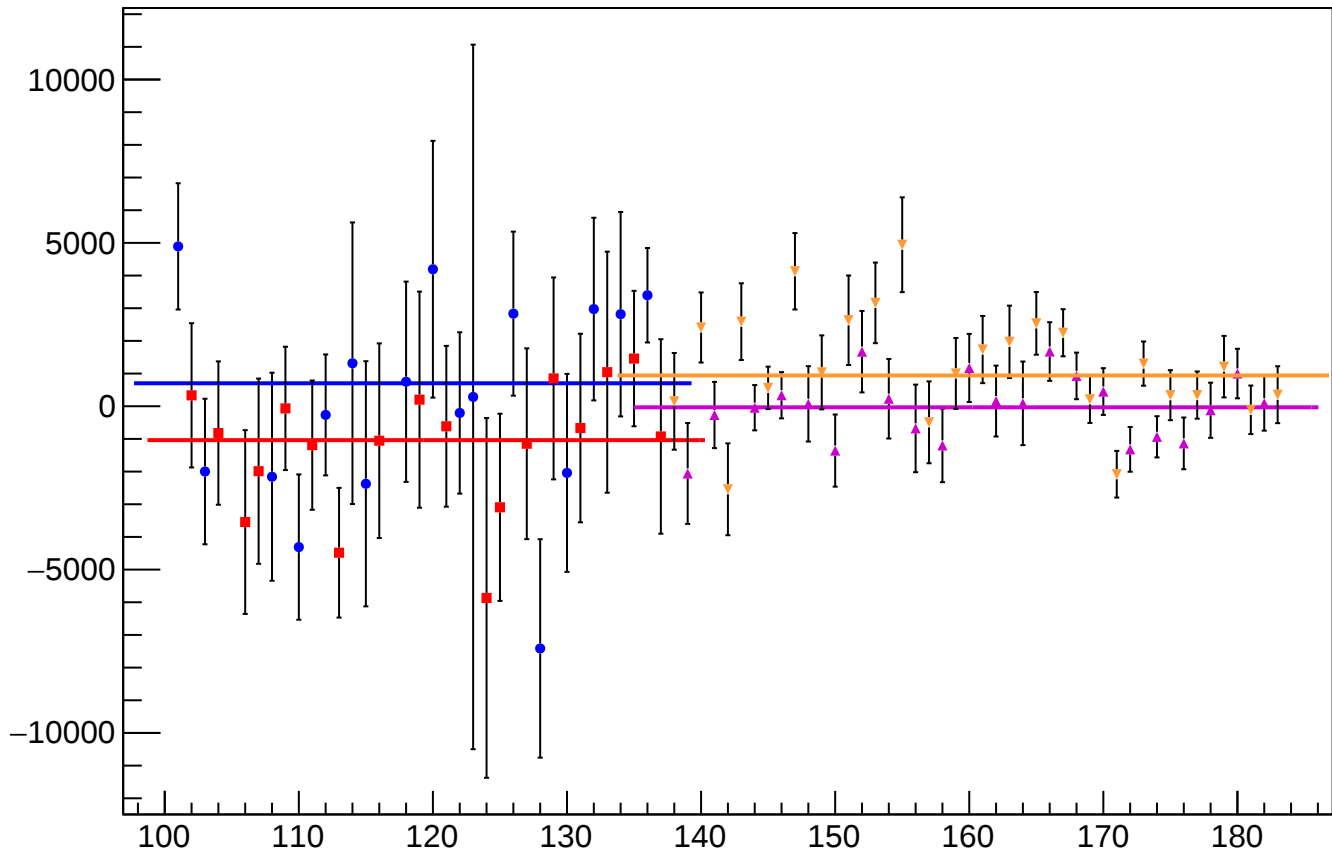
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 827.263+/-0.128 χ^2/NDF : 5720347.6/38

Out: 835.241+/-0.126 χ^2/NDF : 6106156.0/41

All: 831.312+/-0.090 χ^2/NDF : 11828489.2/80

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 ± 620.618 $\chi^2/\text{NDF}: 26.0/16$

Left Out: 942.464 ± 188.039 $\chi^2/\text{NDF}: 62.3/23$

Right Out: -1038.423 ± 604.250 $\chi^2/\text{NDF}: 8.2/17$

Left In: -33.360 ± 188.808 $\chi^2/\text{NDF}: 23.4/21$

Left: 456.545 ± 133.235 $\chi^2/\text{NDF}: 99.1/45$

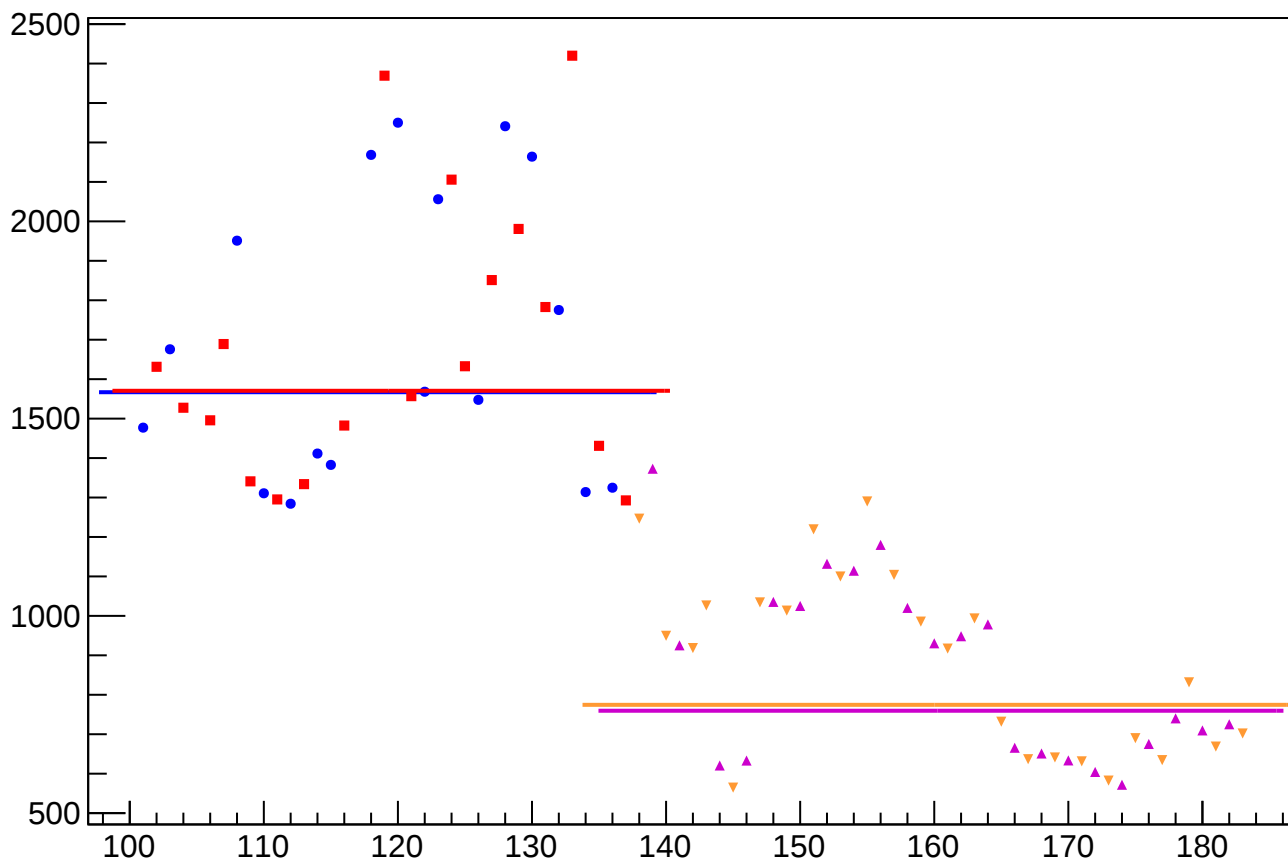
Right: -190.951 ± 432.940 $\chi^2/\text{NDF}: 38.2/34$

In: 29.024 ± 180.634 $\chi^2/\text{NDF}: 50.7/38$

Out: 767.570 ± 179.546 $\chi^2/\text{NDF}: 80.3/41$

All: 400.528 ± 127.341 $\chi^2/\text{NDF}: 139.4/80$

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 774.511 $\pm$ 0.133 χ^2 /NDF: 2245999.1/23

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 759.520 $\pm$ 0.134 χ^2 /NDF: 2014108.8/21

Left: 767.046 $\pm$ 0.094 χ^2 /NDF: 4266437.6/45

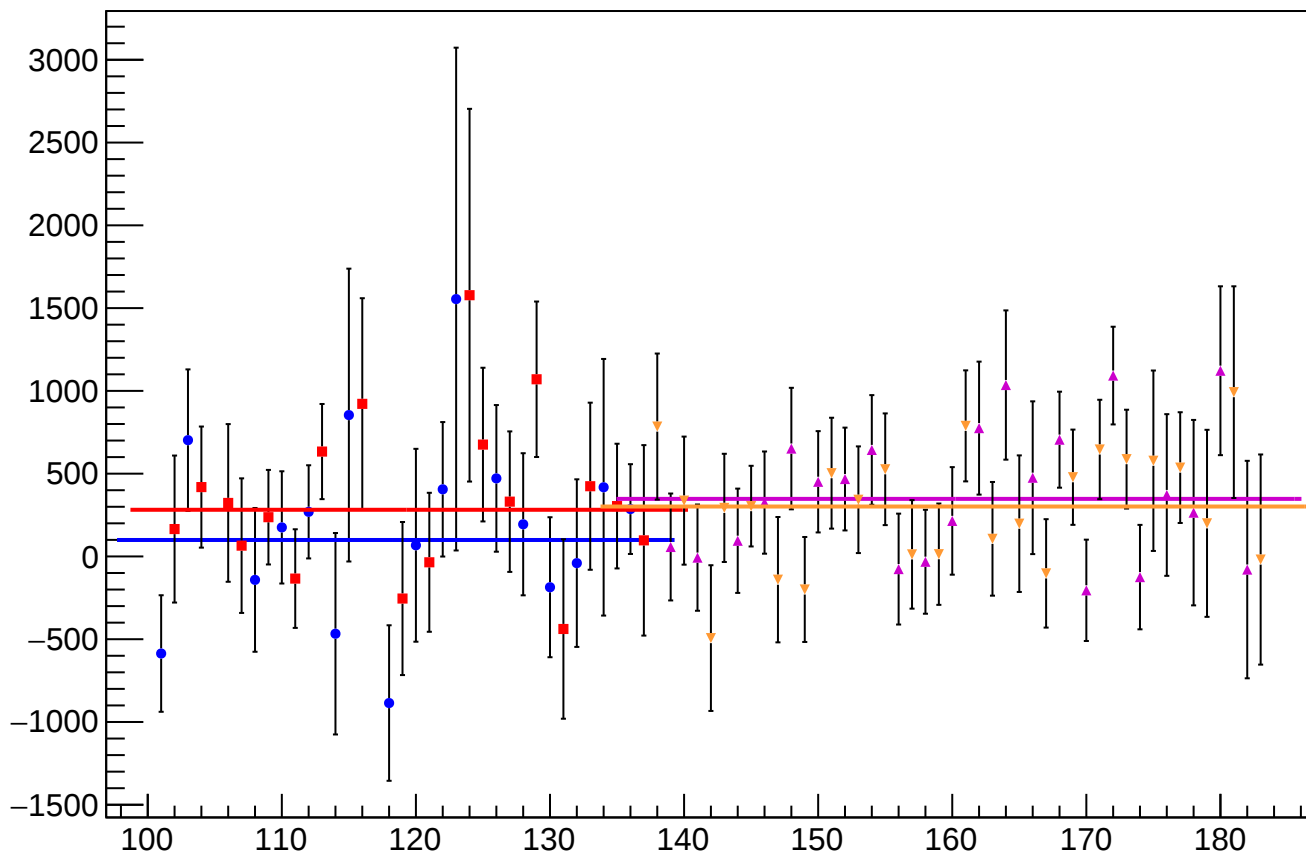
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 827.919 $\pm$ 0.128 χ^2 /NDF: 5612321.4/38

Out: 844.794 $\pm$ 0.127 χ^2 /NDF: 5849867.9/41

All: 836.408 $\pm$ 0.090 χ^2 /NDF: 11470970.0/80

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 301.537 $\pm$ 71.649 χ^2/NDF : 19.7/23

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 347.683 $\pm$ 74.647 χ^2/NDF : 27.3/21

Left: 323.665 $\pm$ 51.691 χ^2/NDF : 47.2/45

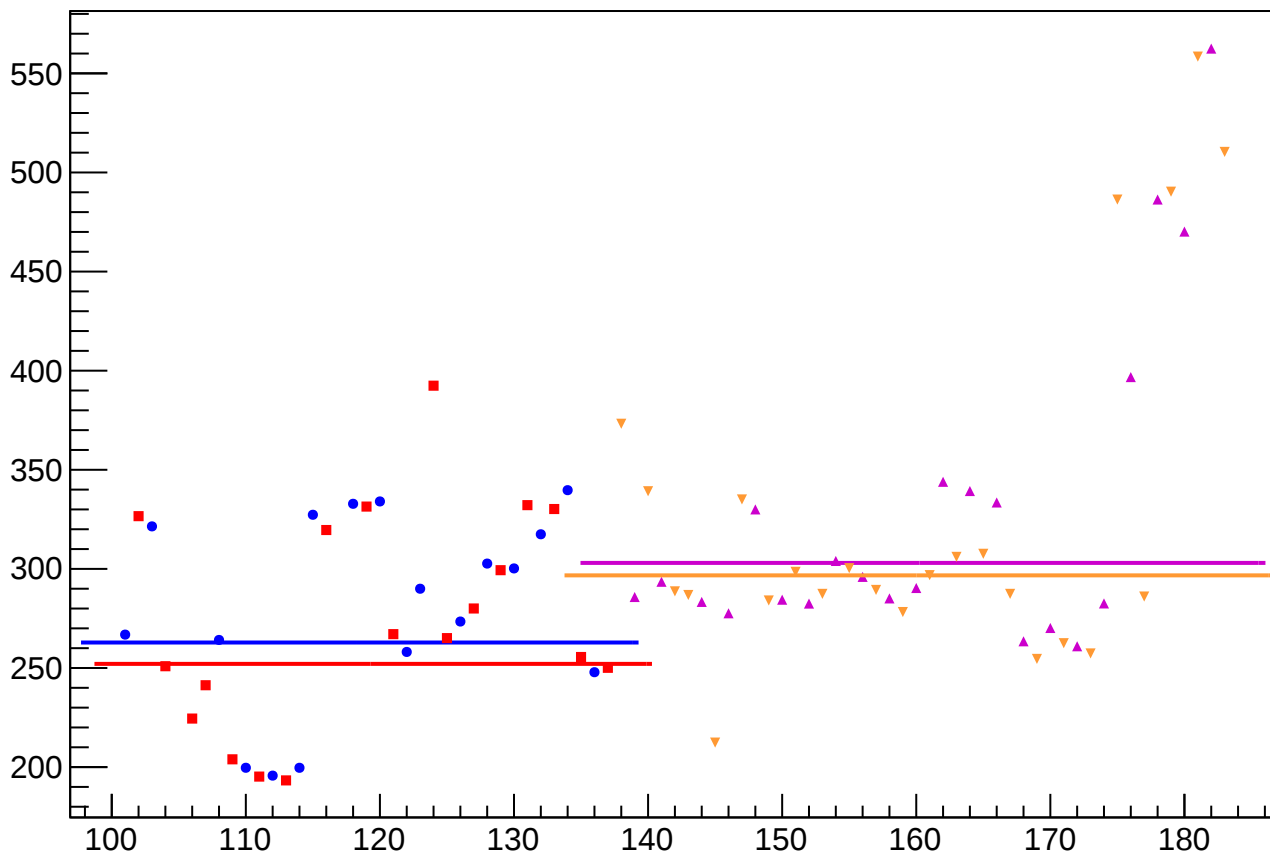
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 262.682 $\pm$ 60.536 χ^2/NDF : 47.0/38

Out: 294.662 $\pm$ 57.815 χ^2/NDF : 33.4/41

All: 279.407 $\pm$ 41.810 χ^2/NDF : 80.6/80

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 296.734 ± 0.051 χ^2/NDF : 1509514.4/23

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 303.019 ± 0.053 χ^2/NDF : 1032821.0/21

Left: 299.748 ± 0.037 χ^2/NDF : 2549713.5/45

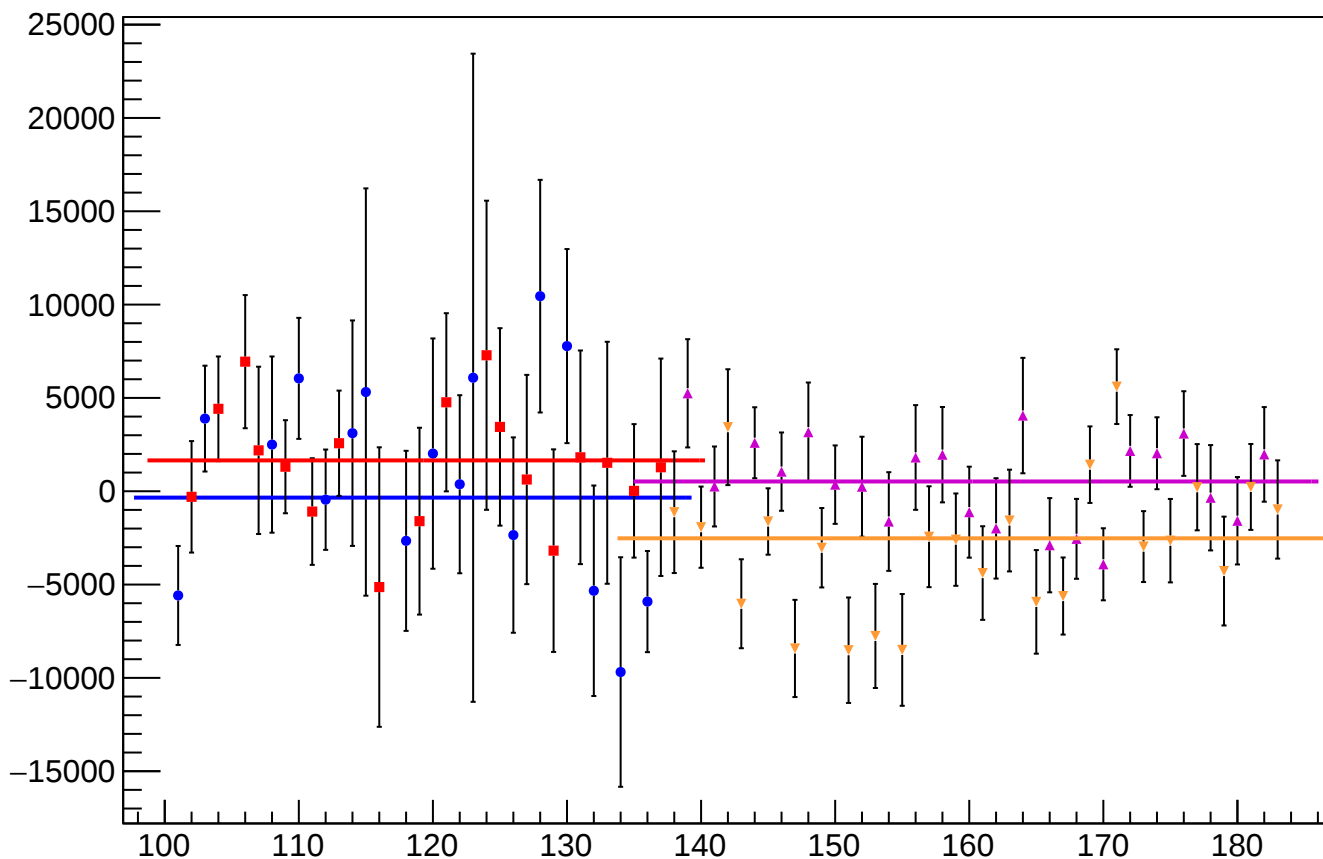
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 289.270 ± 0.043 χ^2/NDF : 1642717.5/38

Out: 281.155 ± 0.041 χ^2/NDF : 2295708.2/41

All: 285.026 ± 0.030 χ^2/NDF : 3957221.6/80

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2521.563+/-488.162 χ^2/NDF : 51.8/23

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 522.850+/-498.512 χ^2/NDF : 21.8/21

Left: -1031.287+/-348.784 χ^2/NDF : 92.6/45

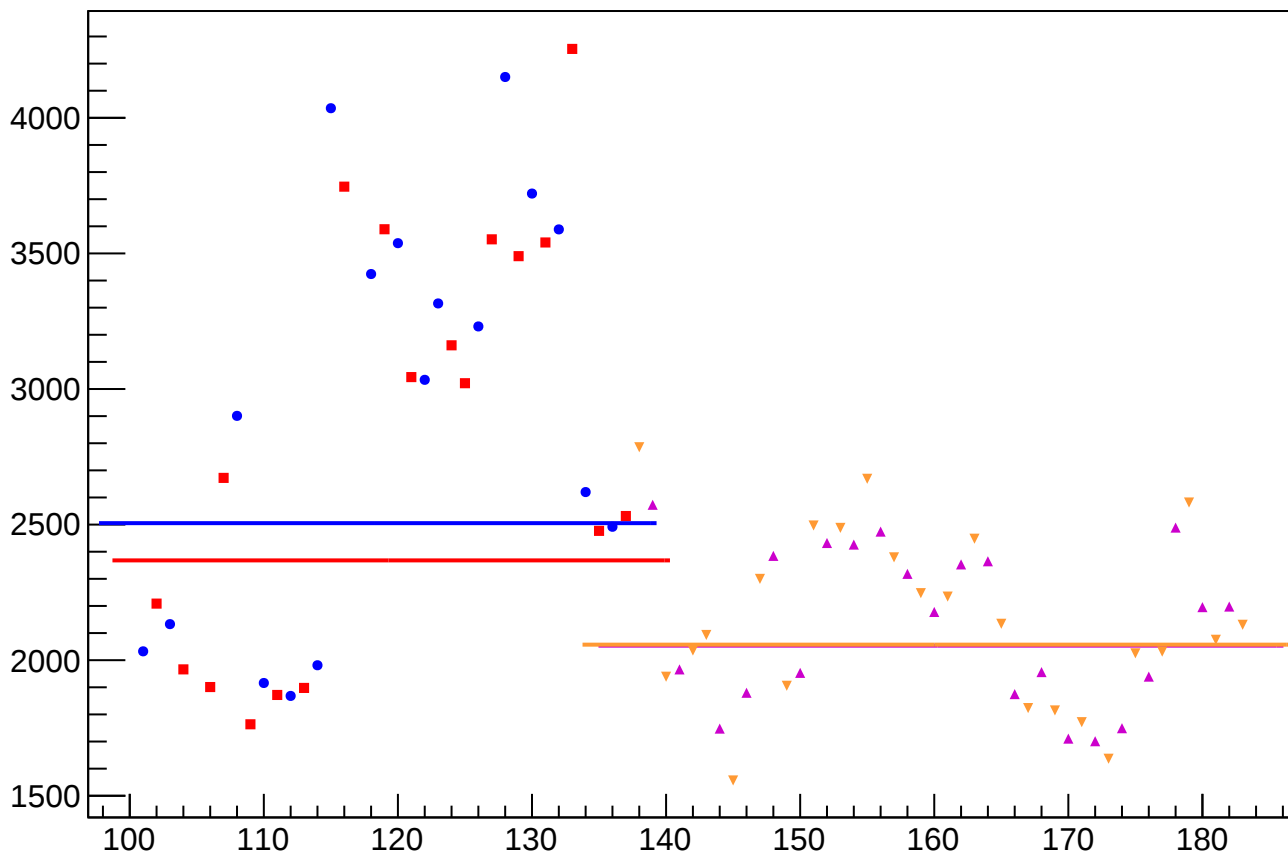
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 352.066+/-446.557 χ^2/NDF : 46.8/38

Out: -1619.827+/-432.220 χ^2/NDF : 75.5/41

All: -666.042+/-310.571 χ^2/NDF : 132.4/80

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2057.270+/-0.345 χ^2/NDF : 824064.2/23

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2053.566+/-0.353 χ^2/NDF : 625923.1/21

Left: 2055.457+/-0.247 χ^2/NDF : 1450043.7/45

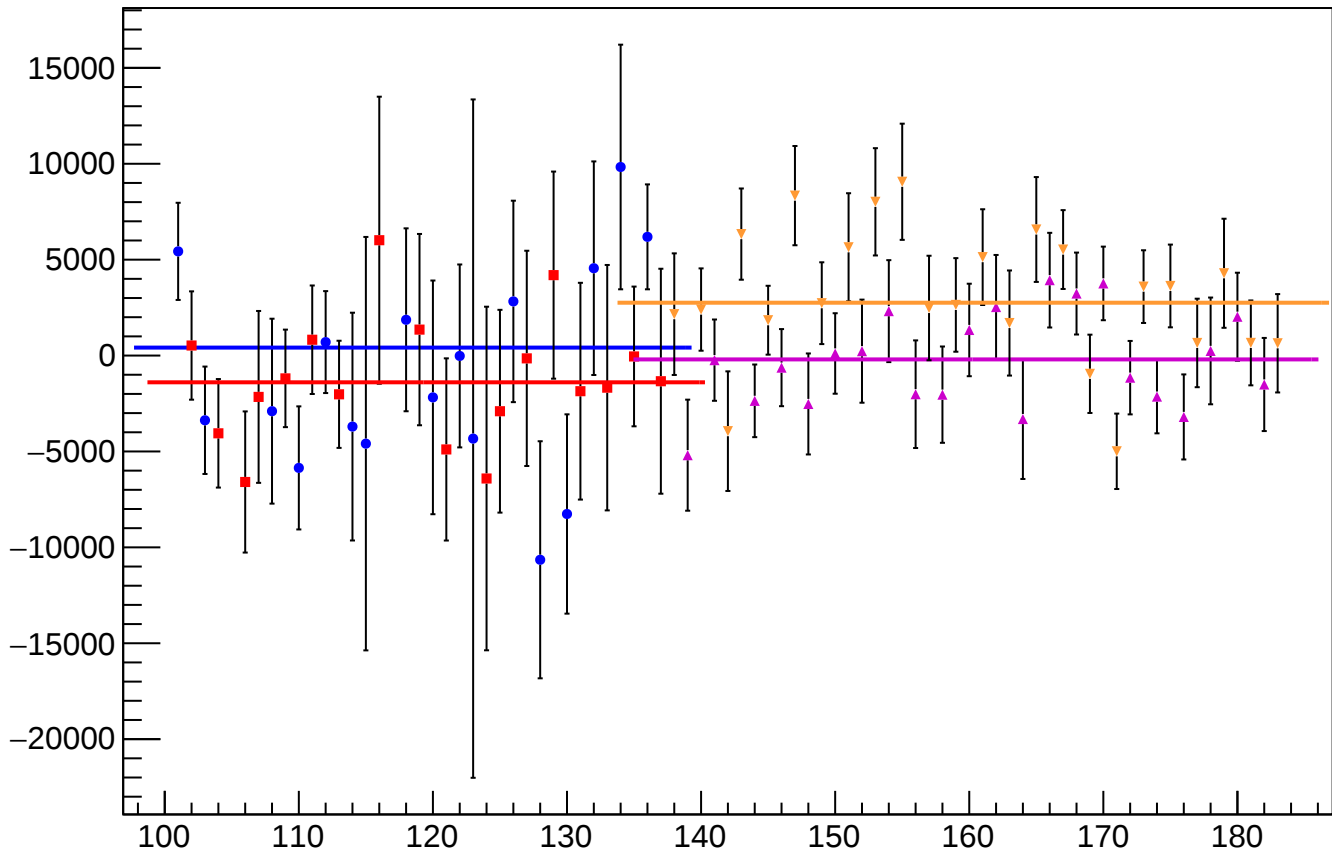
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2142.824+/-0.316 χ^2/NDF : 1814574.5/38

Out: 2124.408+/-0.306 χ^2/NDF : 2030030.7/41

All: 2133.316+/-0.220 χ^2/NDF : 3846361.6/80

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2755.575 $\pm$ 484.204 χ^2 /NDF:47.5/23

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -200.781 $\pm$ 493.383 χ^2 /NDF:23.4/21

Left: 1305.152 $\pm$ 345.584 χ^2 /NDF: 89.2/45

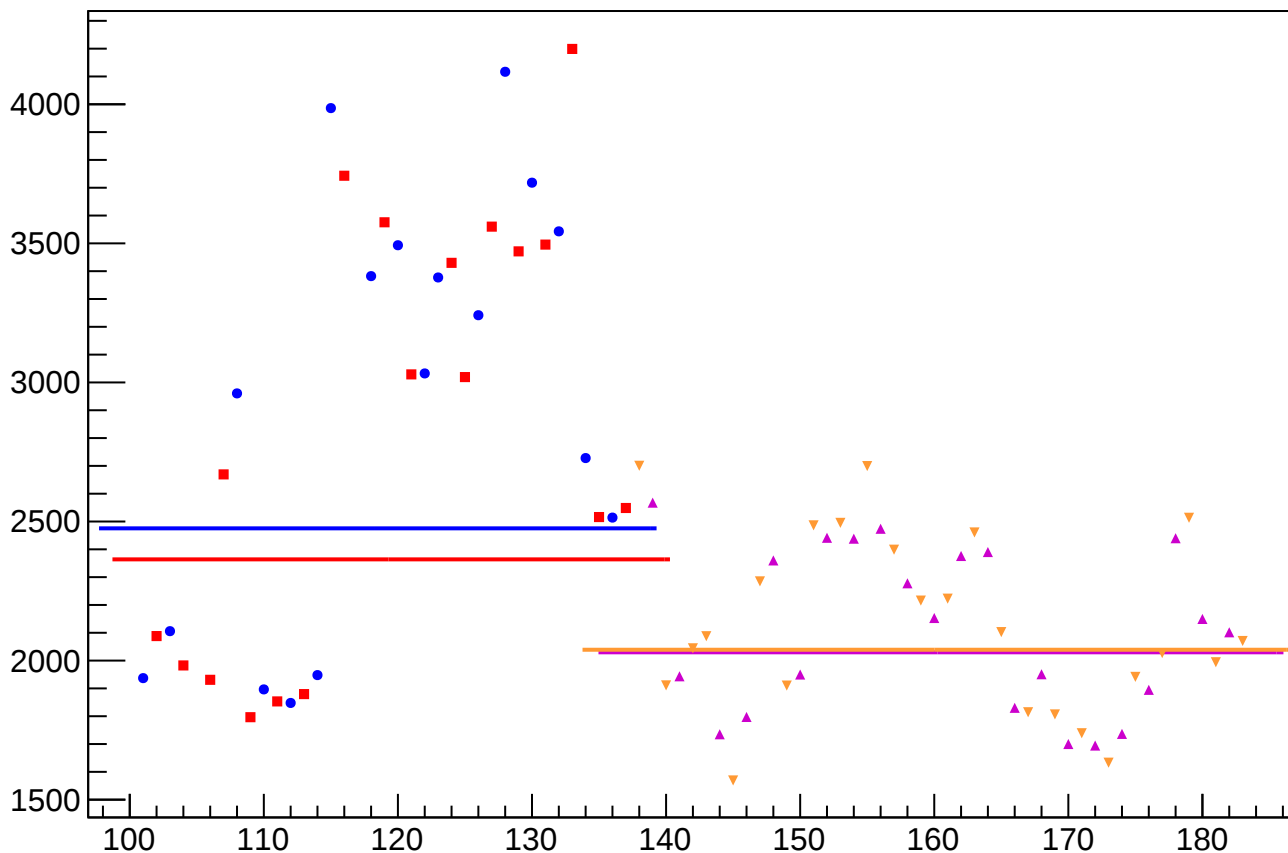
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -79.129 $\pm$ 442.017 χ^2 /NDF:48.2/38

Out: 1868.969 $\pm$ 429.381 χ^2 /NDF:70.7/41

All: 923.163 $\pm$ 307.988 χ^2 /NDF: 128.9/80

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2038.995 $\pm$ 0.342 χ^2 /NDF: 809876.0/23

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2029.765 $\pm$ 0.349 χ^2 /NDF: 651300.5/21

Left: 2034.467 $\pm$ 0.244 χ^2 /NDF: 1461533.2/45

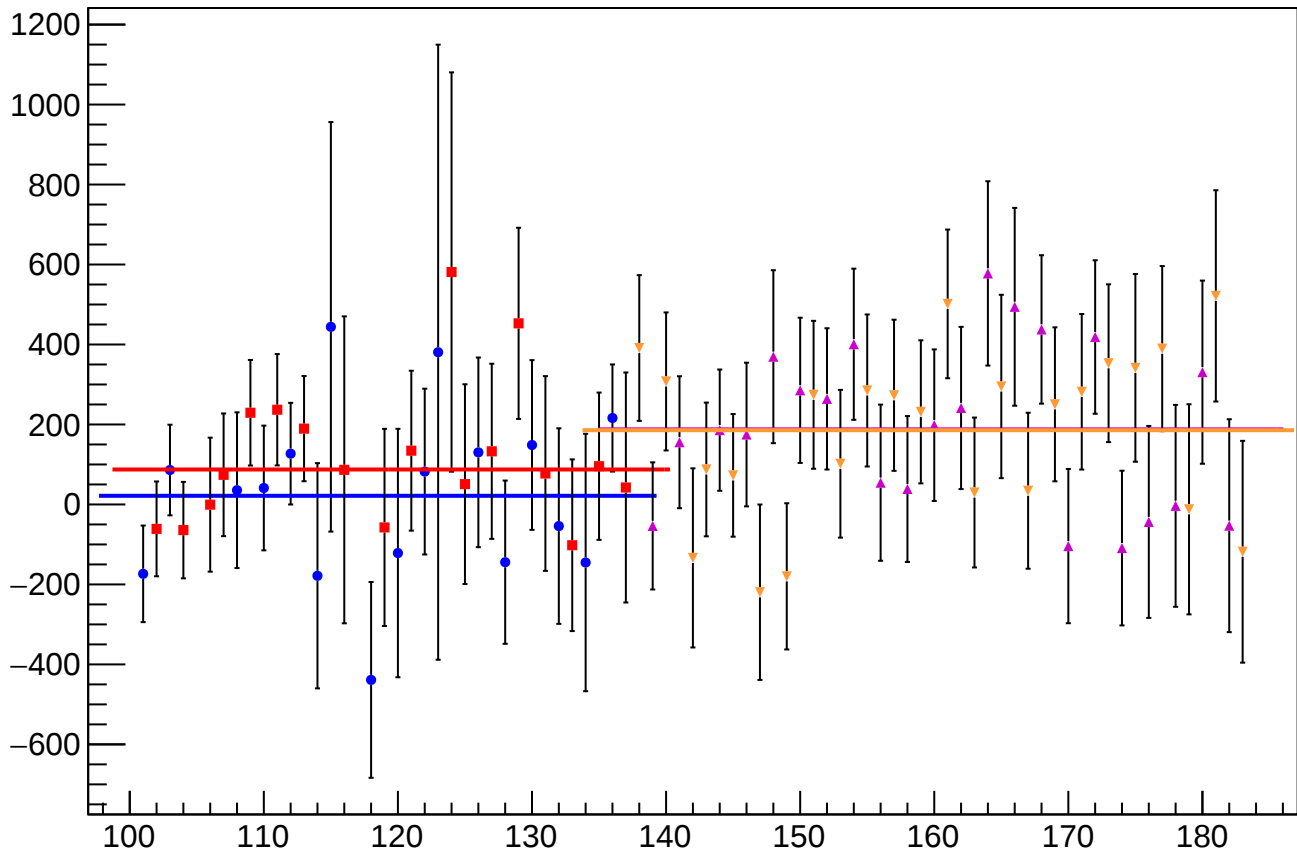
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2117.732 $\pm$ 0.313 χ^2 /NDF: 1886477.6/38

Out: 2108.405 $\pm$ 0.304 χ^2 /NDF: 2029132.2/41

All: 2112.933 $\pm$ 0.218 χ^2 /NDF: 3916067.9/80

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 185.685 $\pm$ 40.050 χ^2/NDF : 23.4/23

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 187.841 $\pm$ 41.444 χ^2/NDF : 21.0/21

Left: 186.726 $\pm$ 28.800 χ^2/NDF : 44.4/45

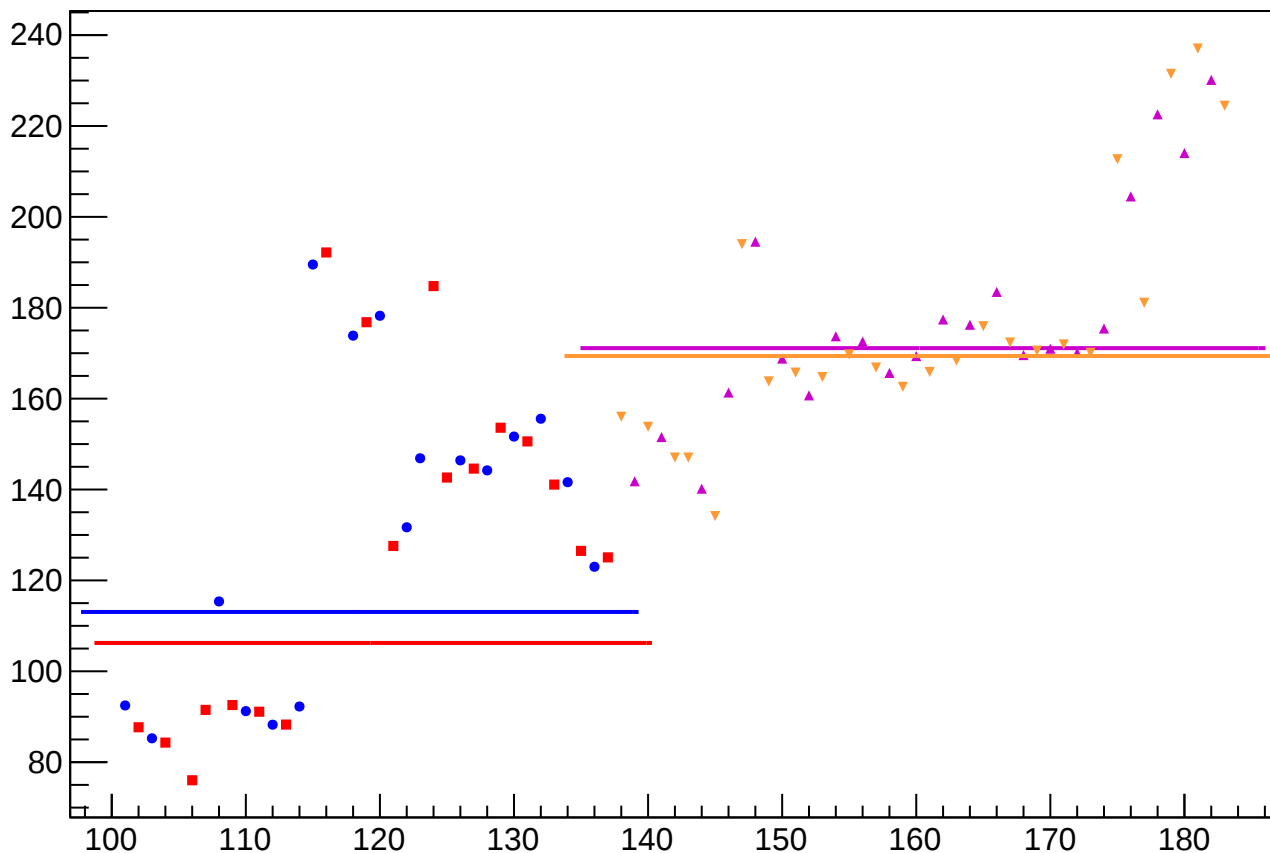
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 111.856 $\pm$ 30.534 χ^2/NDF : 41.0/38

Out: 138.693 $\pm$ 28.927 χ^2/NDF : 37.2/41

All: 125.999 $\pm$ 21.000 χ^2/NDF : 78.6/80

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 169.377 $\pm$ 0.028 χ^2 /NDF: 620325.8/23

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 171.116 $\pm$ 0.029 χ^2 /NDF: 517970.1/21

Left: 170.217 $\pm$ 0.020 χ^2 /NDF: 1140115.9/45

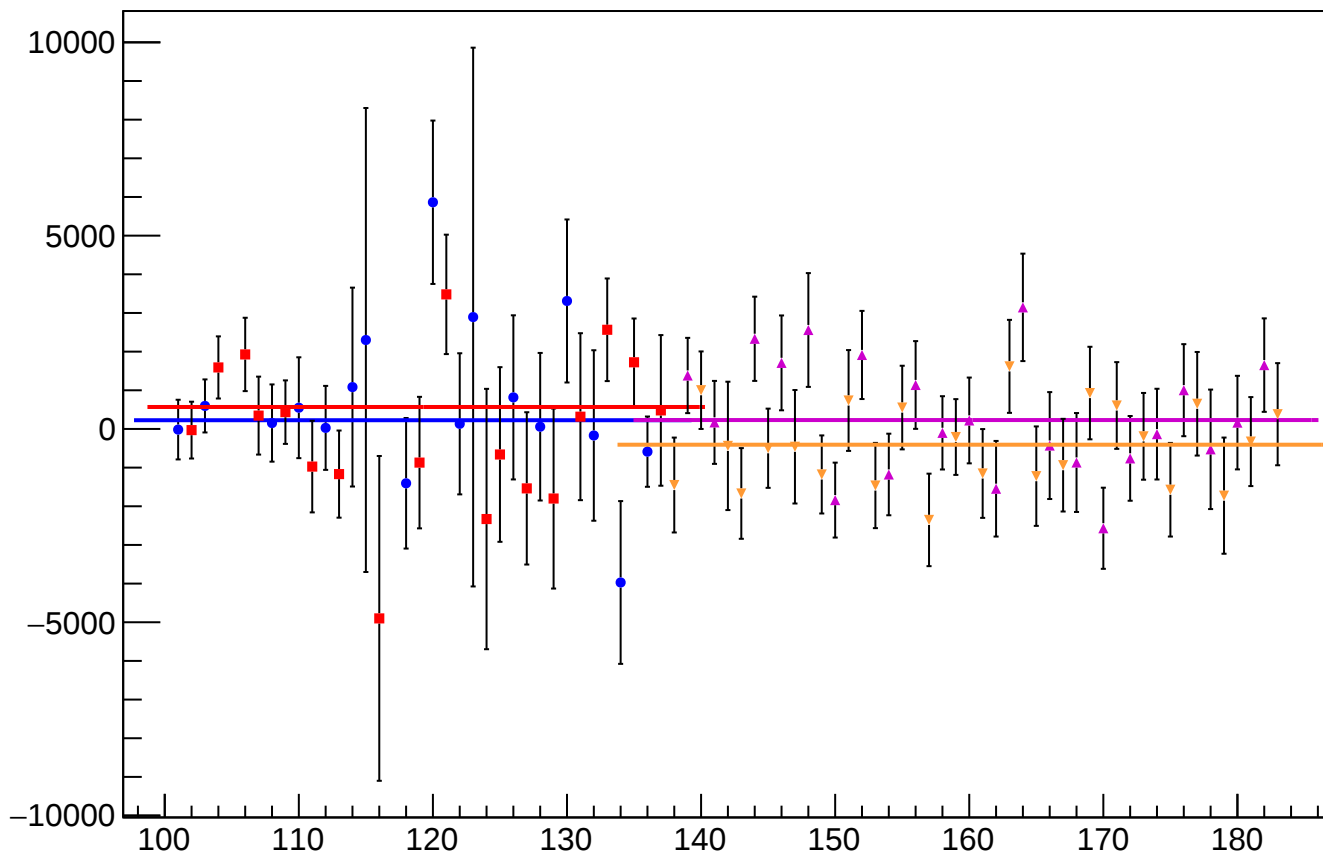
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 144.571 $\pm$ 0.022 χ^2 /NDF: 3133193.4/38

Out: 139.178 $\pm$ 0.020 χ^2 /NDF: 3949459.4/41

All: 141.729 $\pm$ 0.015 χ^2 /NDF: 7115540.7/80

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -407.531+/-241.127 χ^2/NDF : 18.2/23

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 230.223+/-245.500 χ^2/NDF : 35.9/21

Left: -94.384+/-172.028 χ^2/NDF : 57.6/45

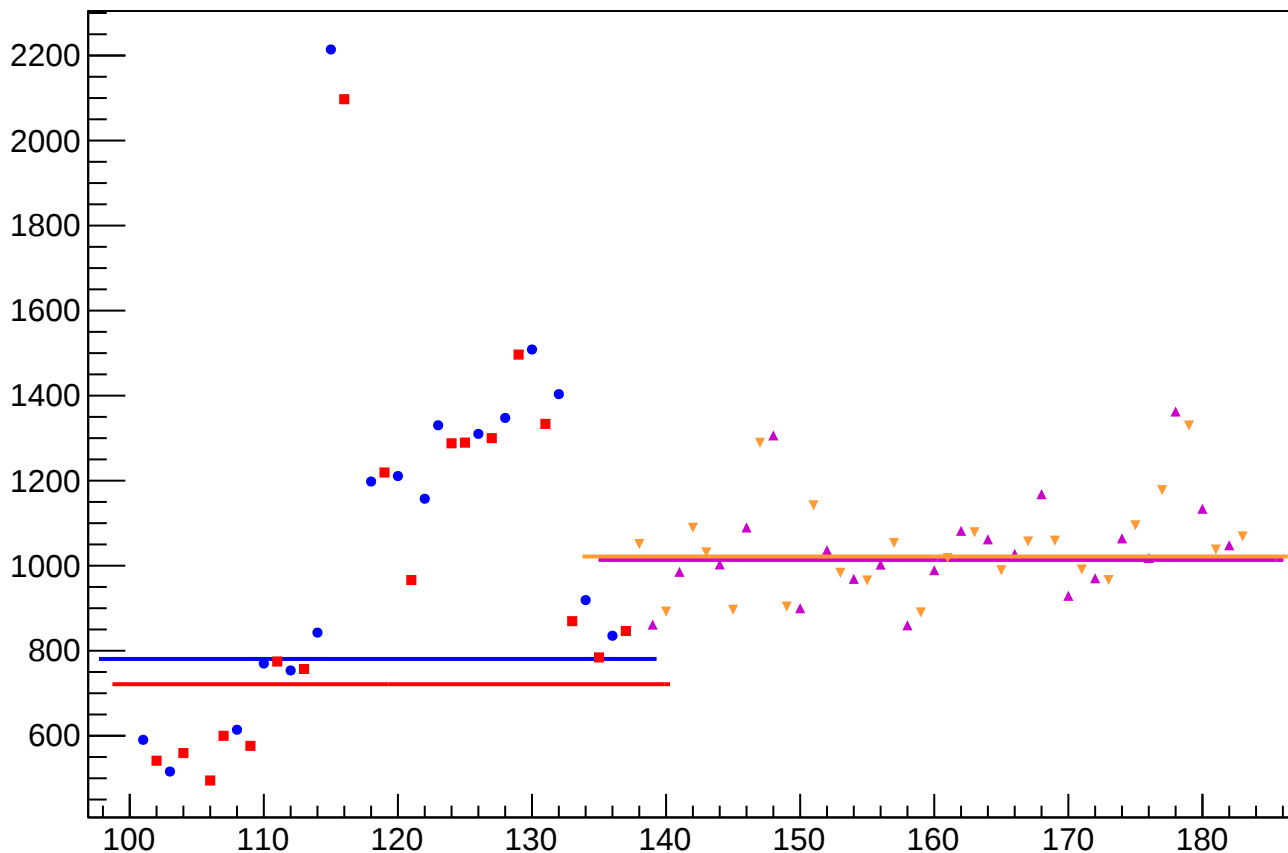
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 228.533+/-195.098 χ^2/NDF : 51.8/38

Out: -9.545+/-185.539 χ^2/NDF : 45.9/41

All: 103.518+/-134.448 χ^2/NDF : 98.5/80

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1021.631 $\pm$ 0.171 χ^2 /NDF:361199.4/23

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 1013.671 $\pm$ 0.174 χ^2 /NDF:404358.3/21

Left: 1017.722 $\pm$ 0.122 χ^2 /NDF: 766627.9/45

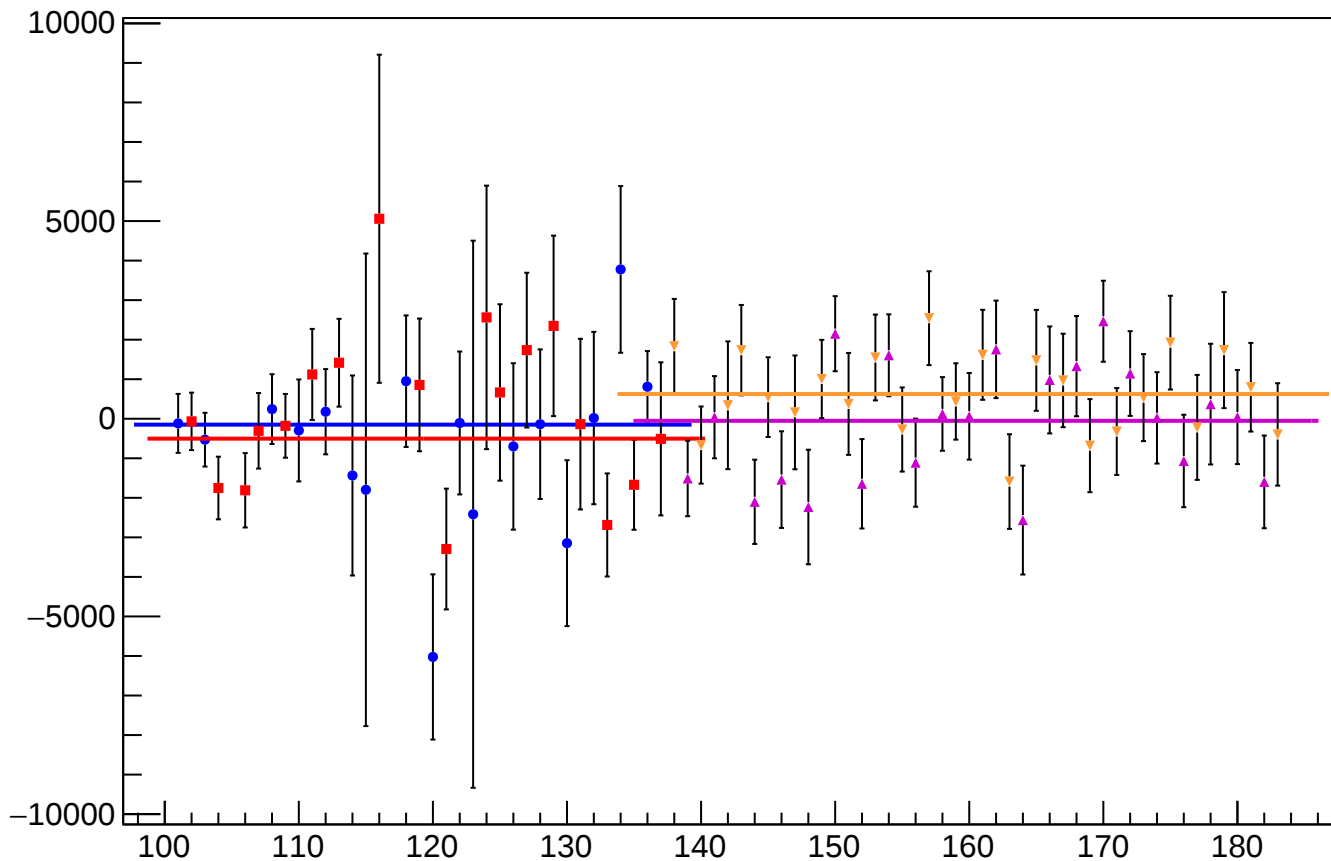
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 927.832 $\pm$ 0.138 χ^2 /NDF:2677479.6/38

Out: 899.104 $\pm$ 0.131 χ^2 /NDF:3253788.1/41

All: 912.747 $\pm$ 0.095 χ^2 /NDF: 5954037.6/80

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 625.002+/-236.930 χ^2/NDF : 17.6/23

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -52.221+/-241.221 χ^2/NDF : 37.8/21

Left: 292.468+/-169.032 χ^2/NDF : 59.4/45

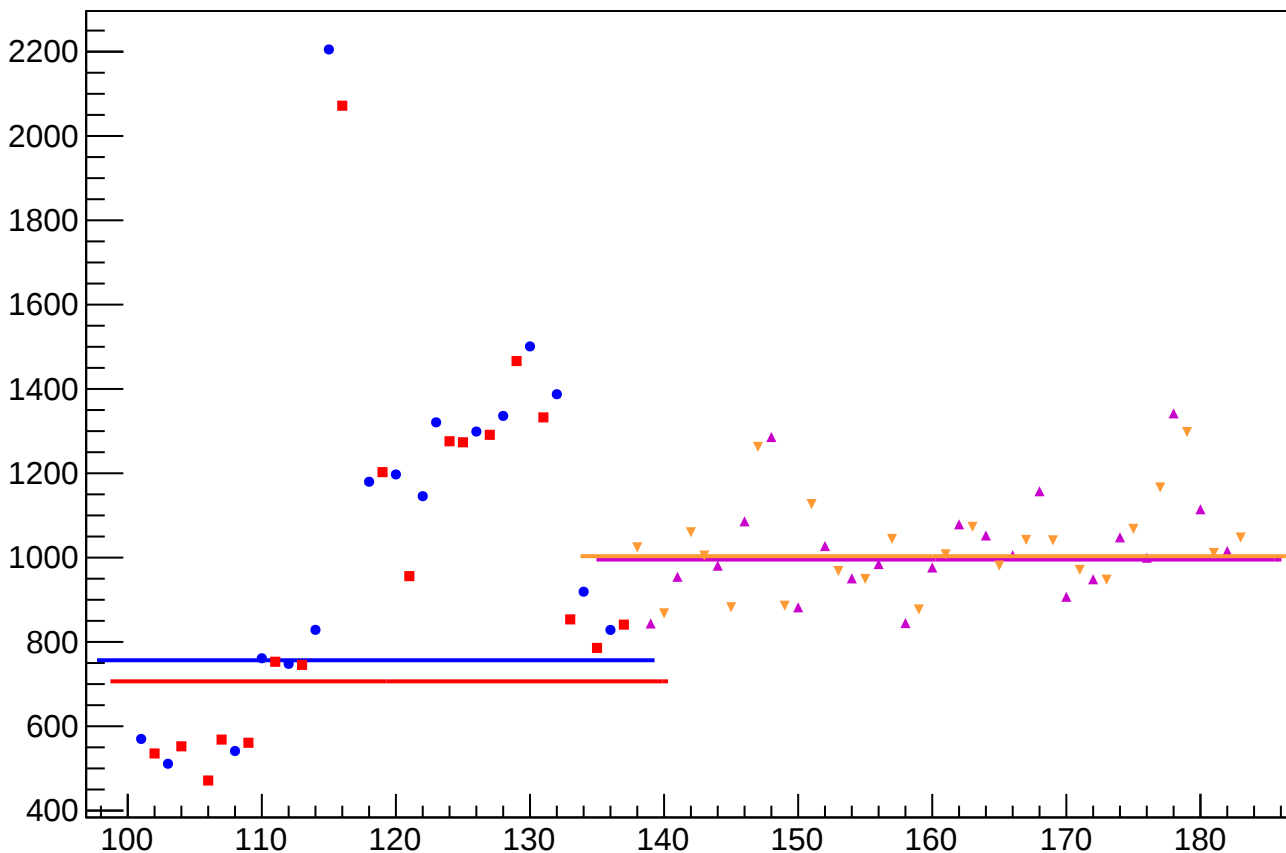
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -88.349+/-191.056 χ^2/NDF : 54.0/38

Out: 165.442+/-182.397 χ^2/NDF : 50.5/41

All: 44.428+/-131.929 χ^2/NDF : 105.4/80

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2/NDF : 1713642.0/16

Left Out: 1003.344 $\pm$ 0.168 χ^2/NDF : 363624.7/23

Right Out: 706.550 $\pm$ 0.202 χ^2/NDF : 1670007.9/17

Left In: 995.366 $\pm$ 0.171 χ^2/NDF : 424327.0/21

Left: 999.427 $\pm$ 0.120 χ^2/NDF : 789065.3/45

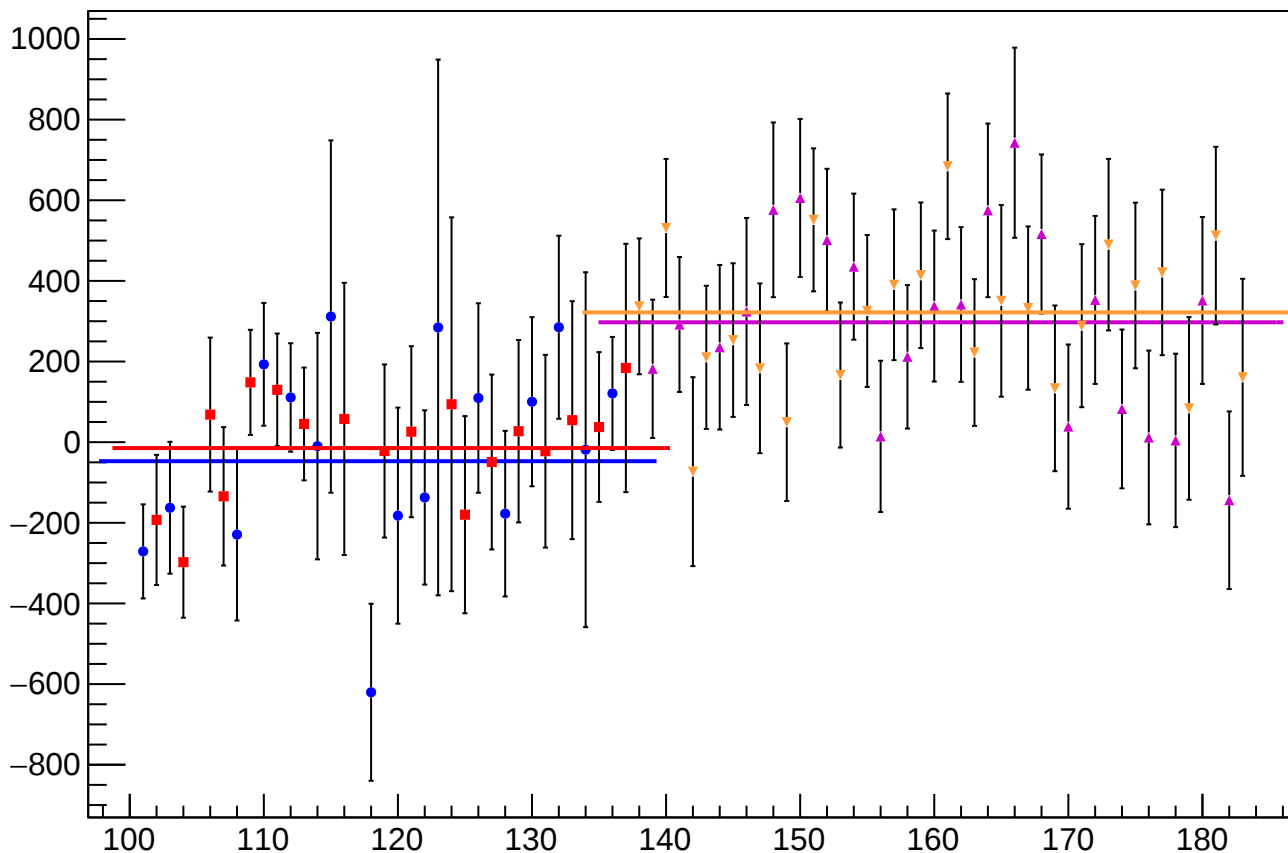
Right: 729.280 $\pm$ 0.149 χ^2/NDF : 3411474.4/34

In: 906.360 $\pm$ 0.135 χ^2/NDF : 2868603.4/38

Out: 882.445 $\pm$ 0.129 χ^2/NDF : 3312047.0/41

All: 893.848 $\pm$ 0.093 χ^2/NDF : 6197045.4/80

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 321.903 ± 40.055 $\chi^2/\text{NDF}: 18.5/23$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 297.343 ± 42.142 $\chi^2/\text{NDF}: 26.2/21$

Left: 310.246 ± 29.033 $\chi^2/\text{NDF}: 44.9/45$

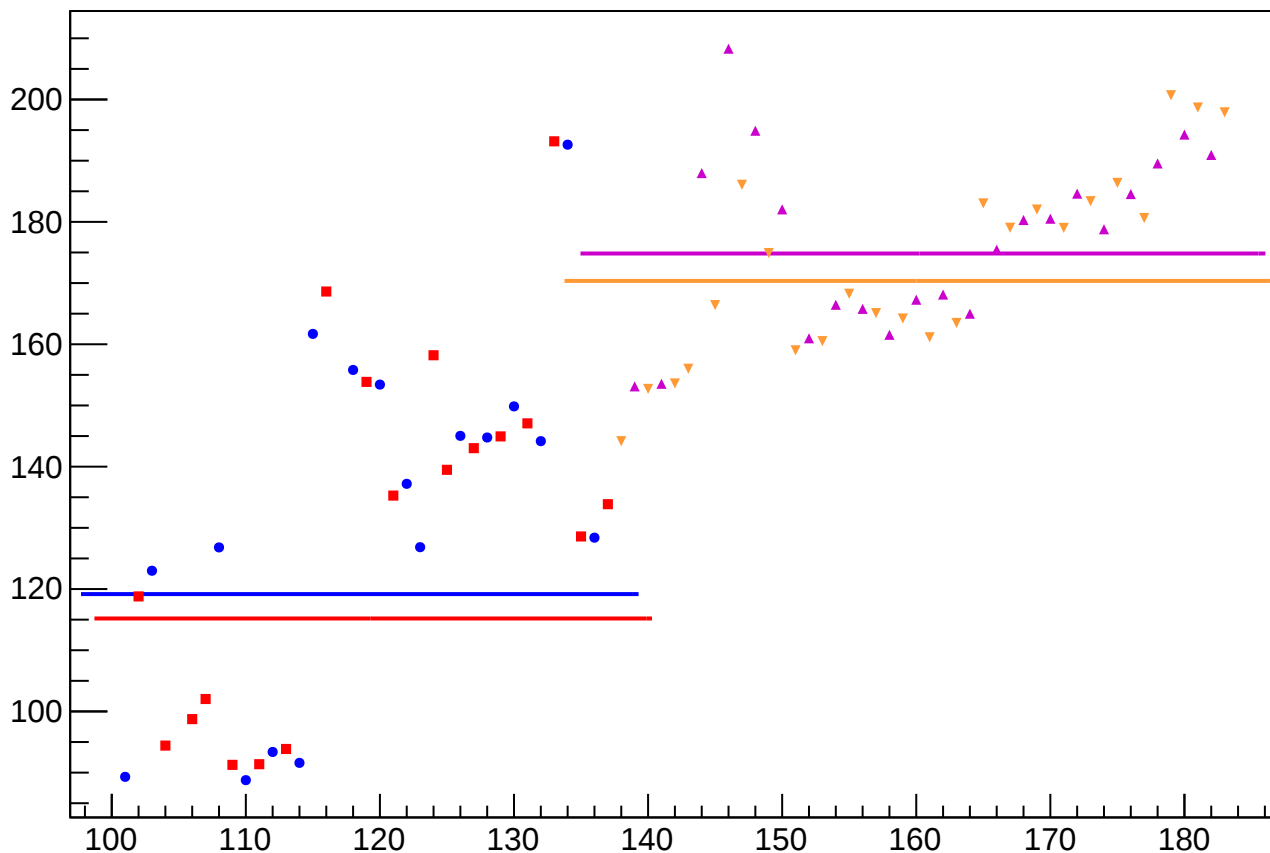
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 144.779 ± 31.456 $\chi^2/\text{NDF}: 77.7/38$

Out: 172.584 ± 29.875 $\chi^2/\text{NDF}: 60.0/41$

All: 159.398 ± 21.662 $\chi^2/\text{NDF}: 138.1/80$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 170.354 $\pm$ 0.028 χ^2 /NDF:270906.9/23

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 174.832 $\pm$ 0.030 χ^2 /NDF:226557.7/21

Left: 172.479 $\pm$ 0.021 χ^2 /NDF: 509328.3/45

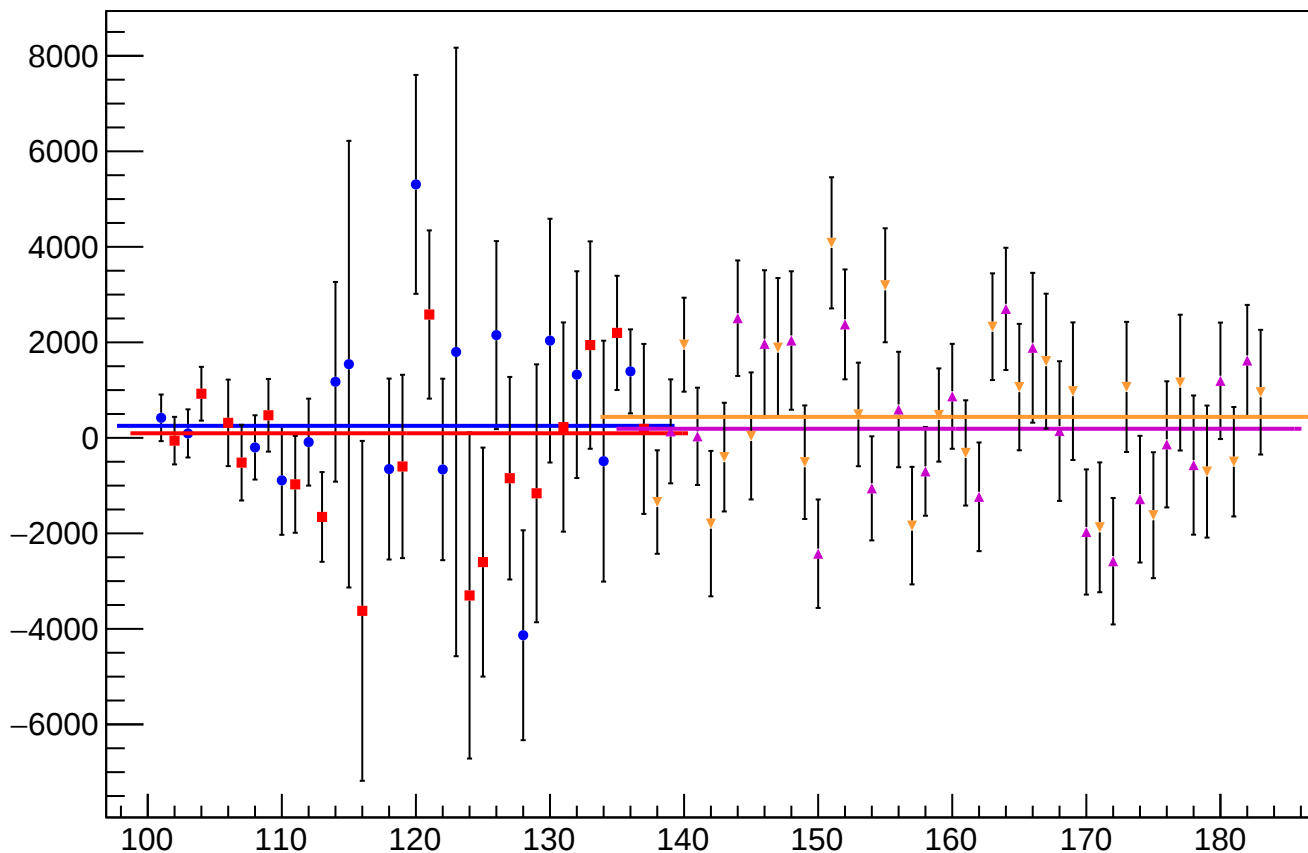
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 150.184 $\pm$ 0.022 χ^2 /NDF:2386727.4/38

Out: 145.876 $\pm$ 0.021 χ^2 /NDF:2629810.3/41

All: 147.919 $\pm$ 0.015 χ^2 /NDF: 5036260.7/80

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 439.473+/-251.392 χ^2/NDF : 37.0/23

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 190.356+/-259.397 χ^2/NDF : 35.7/21

Left: 318.817+/-180.525 χ^2/NDF : 73.2/45

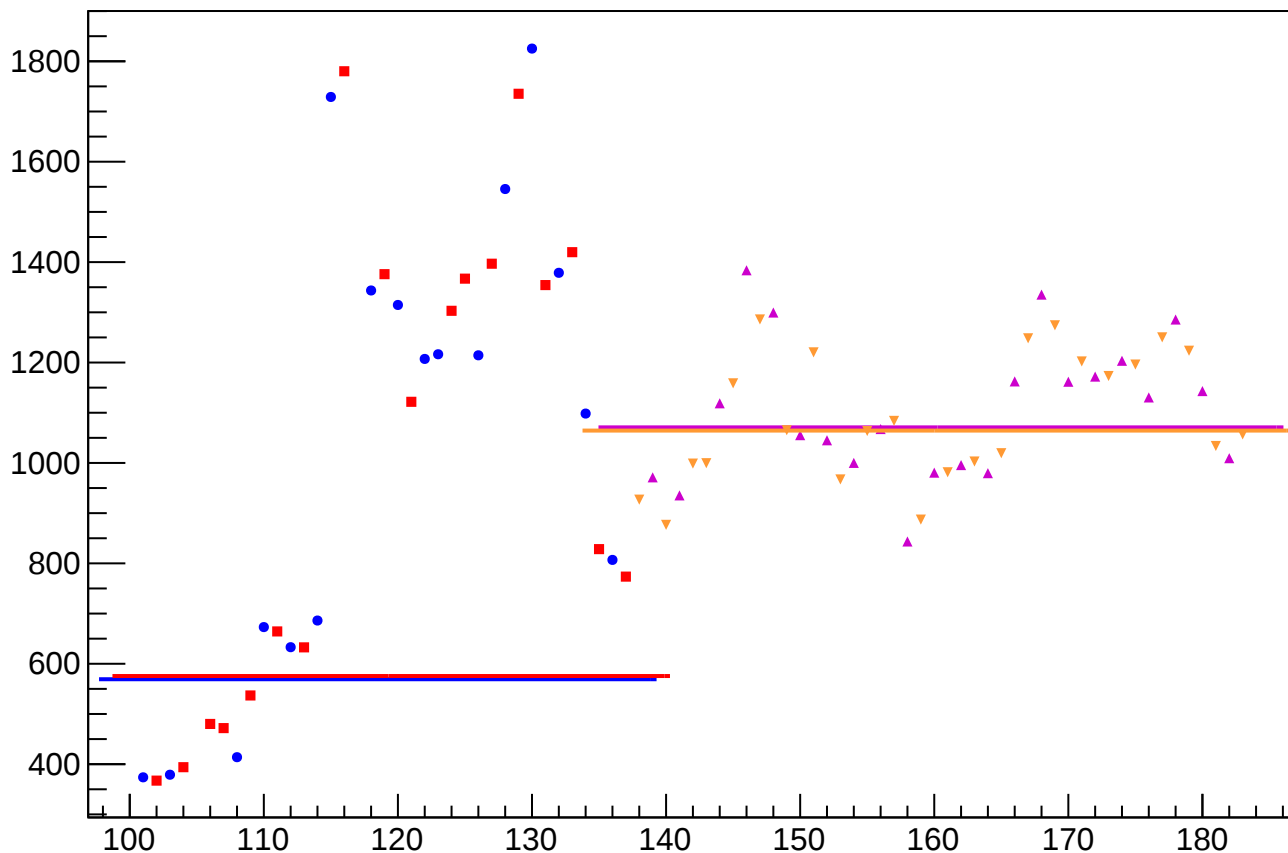
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 221.832+/-181.051 χ^2/NDF : 50.6/38

Out: 263.737+/-175.731 χ^2/NDF : 55.4/41

All: 243.409+/-126.100 χ^2/NDF : 106.0/80

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.472 $\pm$ 0.178 χ^2 /NDF: 491111.3/23

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1070.833 $\pm$ 0.183 χ^2 /NDF: 522758.2/21

Left: 1067.553 $\pm$ 0.128 χ^2 /NDF: 1014489.6/45

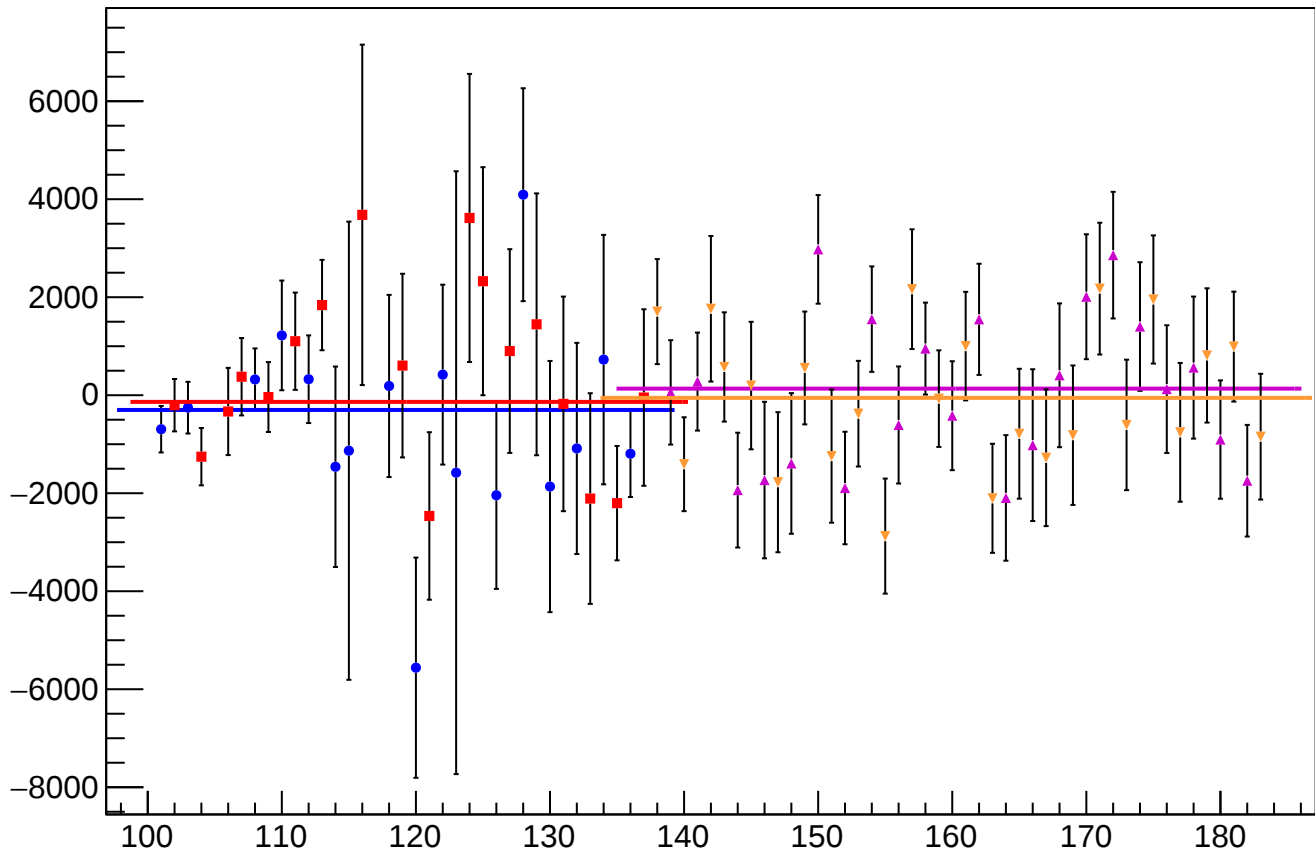
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 813.576 $\pm$ 0.128 χ^2 /NDF: 7625587.8/38

Out: 814.478 $\pm$ 0.124 χ^2 /NDF: 7417208.0/41

All: 814.040 $\pm$ 0.089 χ^2 /NDF: 15042821.4/80

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF : 16.7/16

Left Out: -54.179+/-248.357 χ^2/NDF : 31.0/23

Right Out: -136.107+/-247.692 χ^2/NDF : 20.9/17

Left In: 134.433+/-256.879 χ^2/NDF : 34.7/21

Left: 36.947+/-178.552 χ^2/NDF : 66.1/45

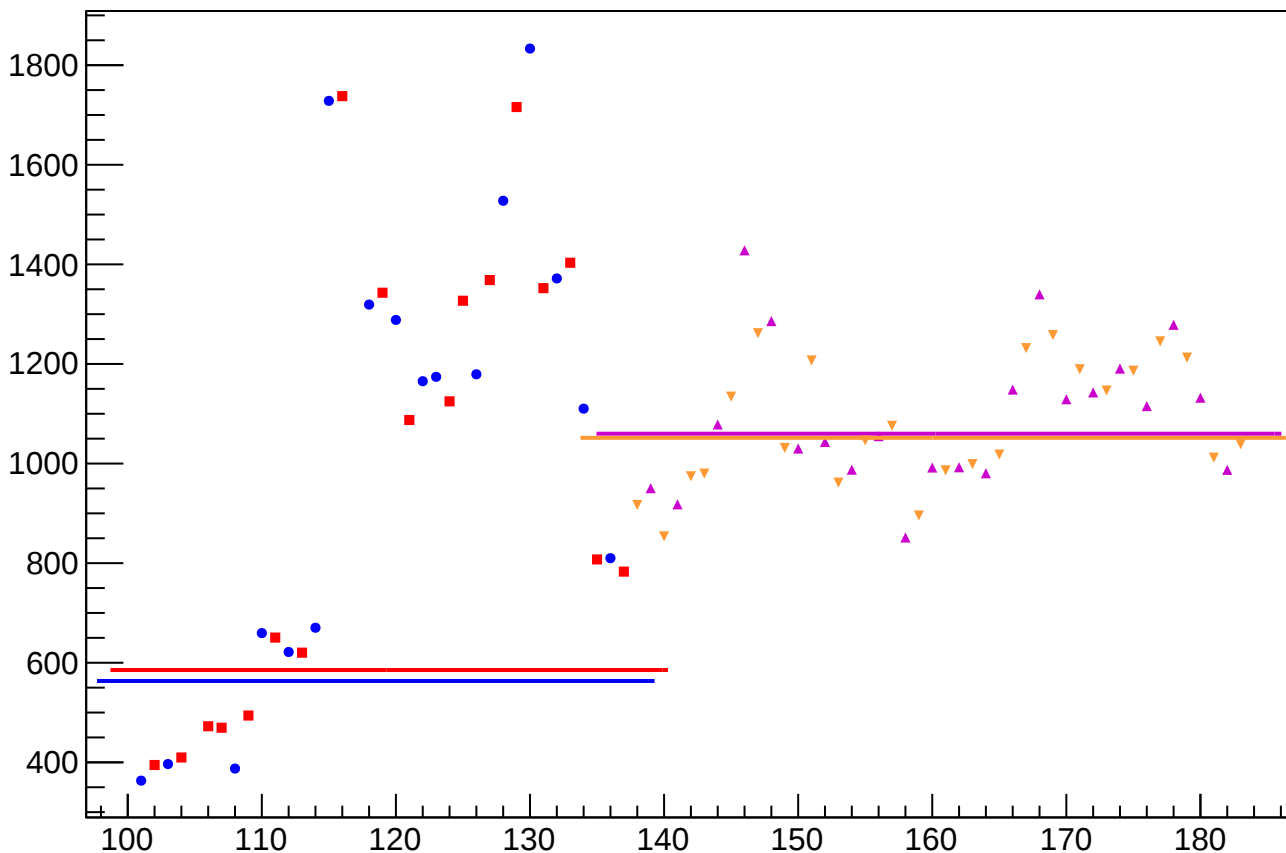
Right: -217.517+/-176.060 χ^2/NDF : 37.8/34

In: -88.750+/-179.270 χ^2/NDF : 52.9/38

Out: -95.253+/-175.379 χ^2/NDF : 52.0/41

All: -92.073+/-125.365 χ^2/NDF : 104.9/80

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1051.674 ± 0.176 $\chi^2/\text{NDF}: 481792.4/23$

Right Out: 585.438 ± 0.175 $\chi^2/\text{NDF}: 2818143.7/17$

Left In: 1059.946 ± 0.182 $\chi^2/\text{NDF}: 527315.5/21$

Left: 1055.671 ± 0.126 $\chi^2/\text{NDF}: 1010179.6/45$

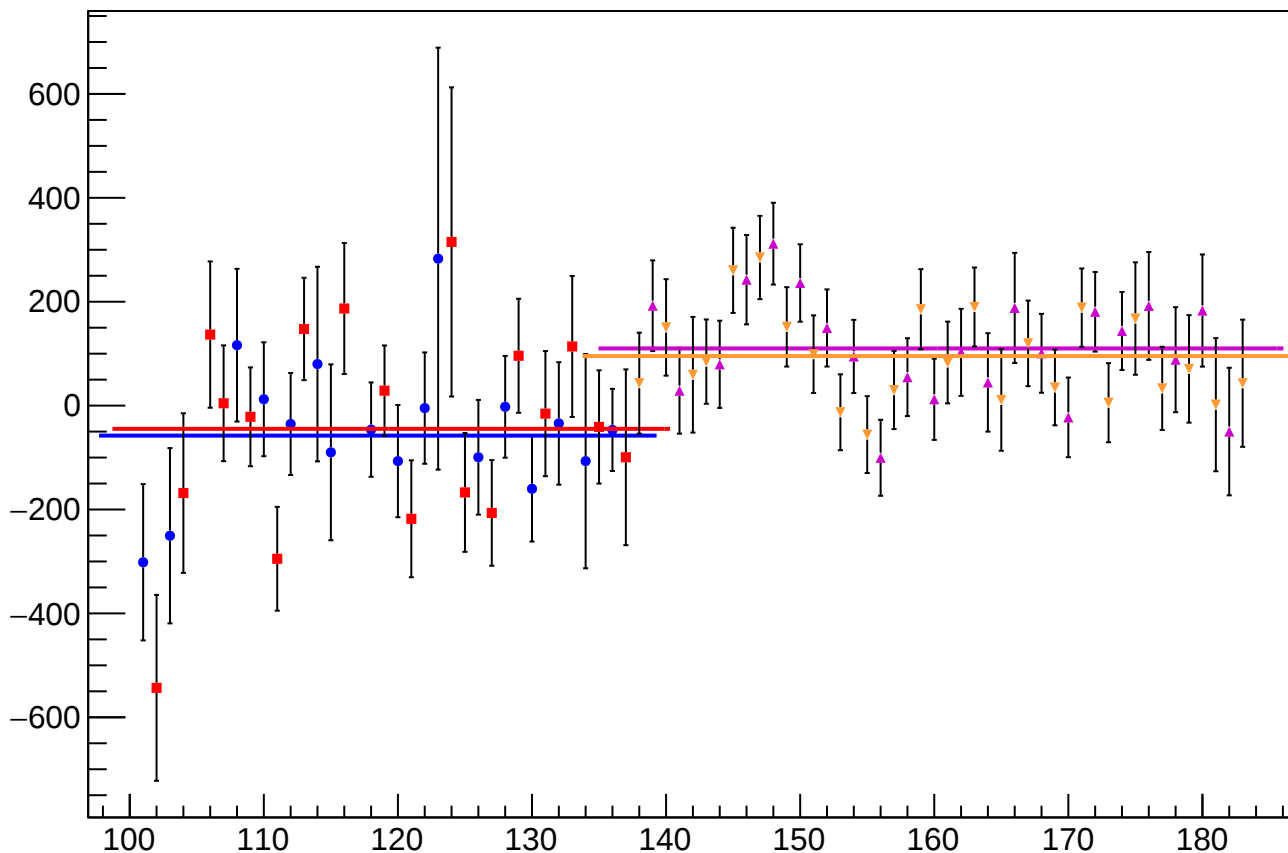
Right: 574.531 ± 0.124 $\chi^2/\text{NDF}: 6085027.9/34$

In: 805.232 ± 0.127 $\chi^2/\text{NDF}: 7619828.5/38$

Out: 817.931 ± 0.124 $\chi^2/\text{NDF}: 6833567.0/41$

All: 811.721 ± 0.089 $\chi^2/\text{NDF}: 14458523.4/80$

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 95.358 $\pm$ 17.119 χ^2 /NDF:27.3/23

Right Out: -44.693 $\pm$ 27.711 χ^2 /NDF: 35.2/17

Left In: 110.052 $\pm$ 17.721 χ^2 /NDF:32.4/21

Left: 102.451 $\pm$ 12.312 χ^2 /NDF: 60.1/45

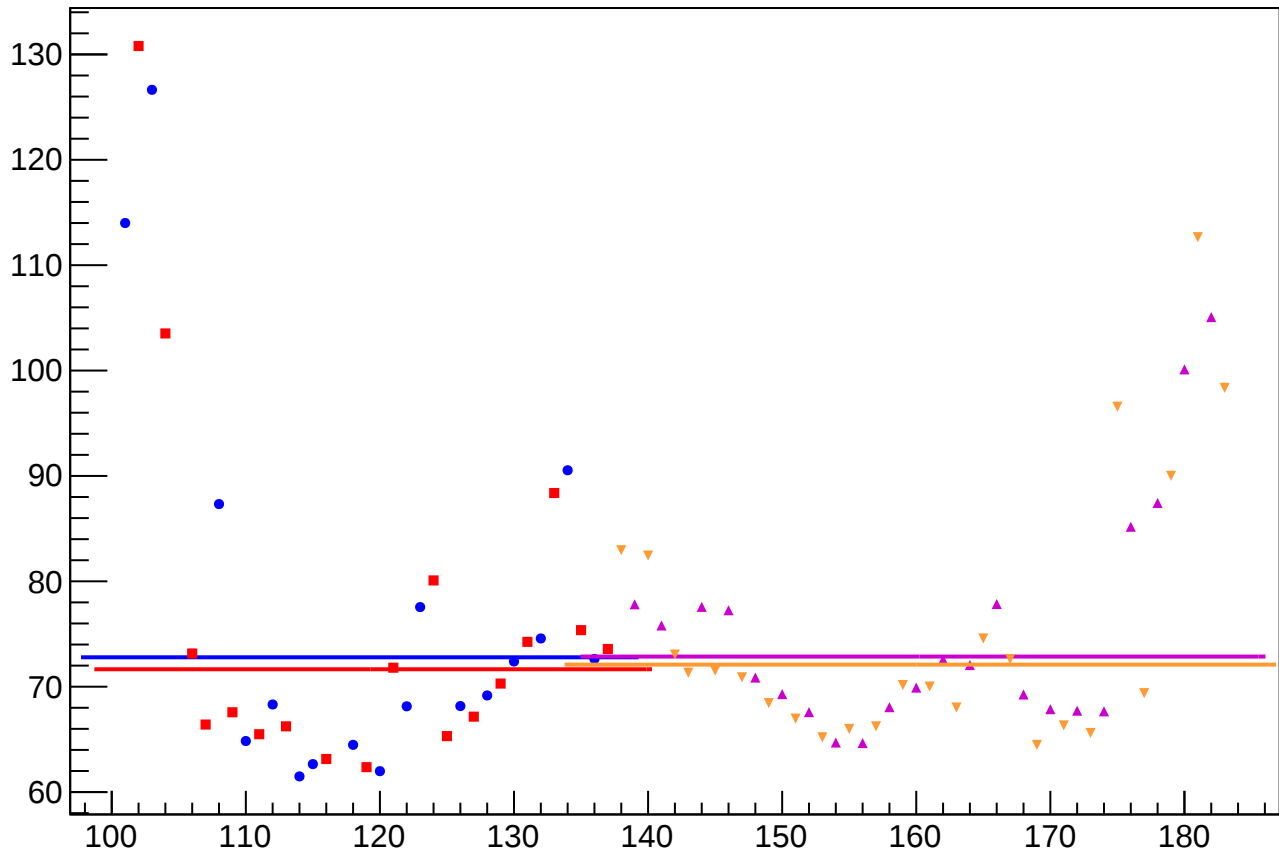
Right: -50.974 $\pm$ 19.933 χ^2 /NDF: 44.4/34

In: 63.730 $\pm$ 15.077 χ^2 /NDF:66.3/38

Out: 56.673 $\pm$ 14.564 χ^2 /NDF:81.0/41

All: 60.079 $\pm$ 10.475 χ^2 /NDF: 147.4/80

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 72.096 $\pm$ 0.012 χ^2 /NDF: 623183.7/23

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 72.861 $\pm$ 0.013 χ^2 /NDF: 470561.1/21

Left: 72.466 $\pm$ 0.009 χ^2 /NDF: 1095671.1/45

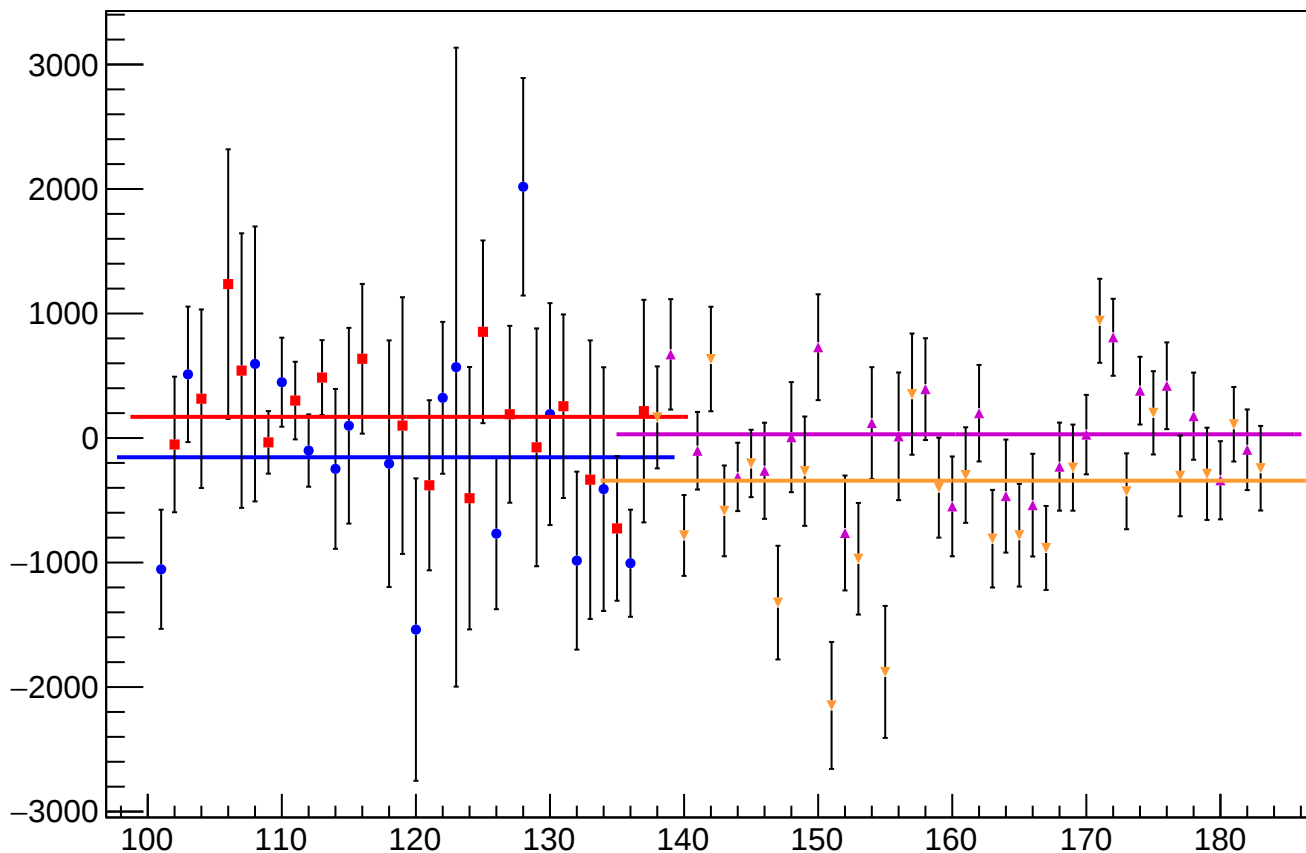
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.841 $\pm$ 0.011 χ^2 /NDF: 935343.0/38

Out: 71.975 $\pm$ 0.010 χ^2 /NDF: 1027927.7/41

All: 72.393 $\pm$ 0.007 χ^2 /NDF: 1966690.7/80

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -342.761 $\pm$ 75.255 χ^2/NDF : 63.9/23

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: 30.029 $\pm$ 77.393 χ^2/NDF : 27.8/21

Left: -161.586 $\pm$ 53.953 χ^2/NDF : 103.6/45

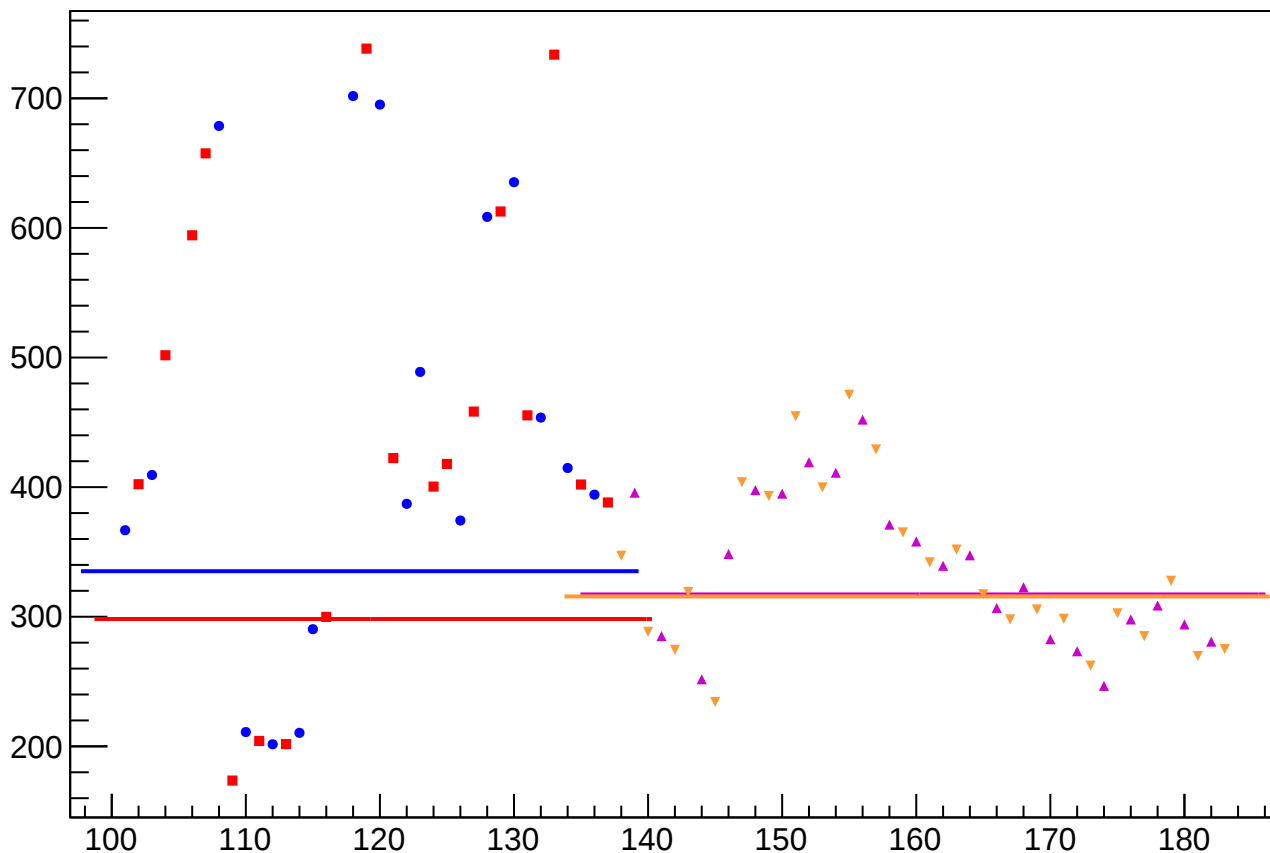
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -12.811 $\pm$ 67.812 χ^2/NDF : 52.3/38

Out: -208.280 $\pm$ 64.638 χ^2/NDF : 84.5/41

All: -115.226 $\pm$ 46.788 χ^2/NDF : 141.2/80

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.660+/-0.053 χ^2/NDF :1093133.5/23

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 317.215+/-0.055 χ^2/NDF :982400.0/21

Left: 316.416+/-0.038 χ^2/NDF : 2075948.5/45

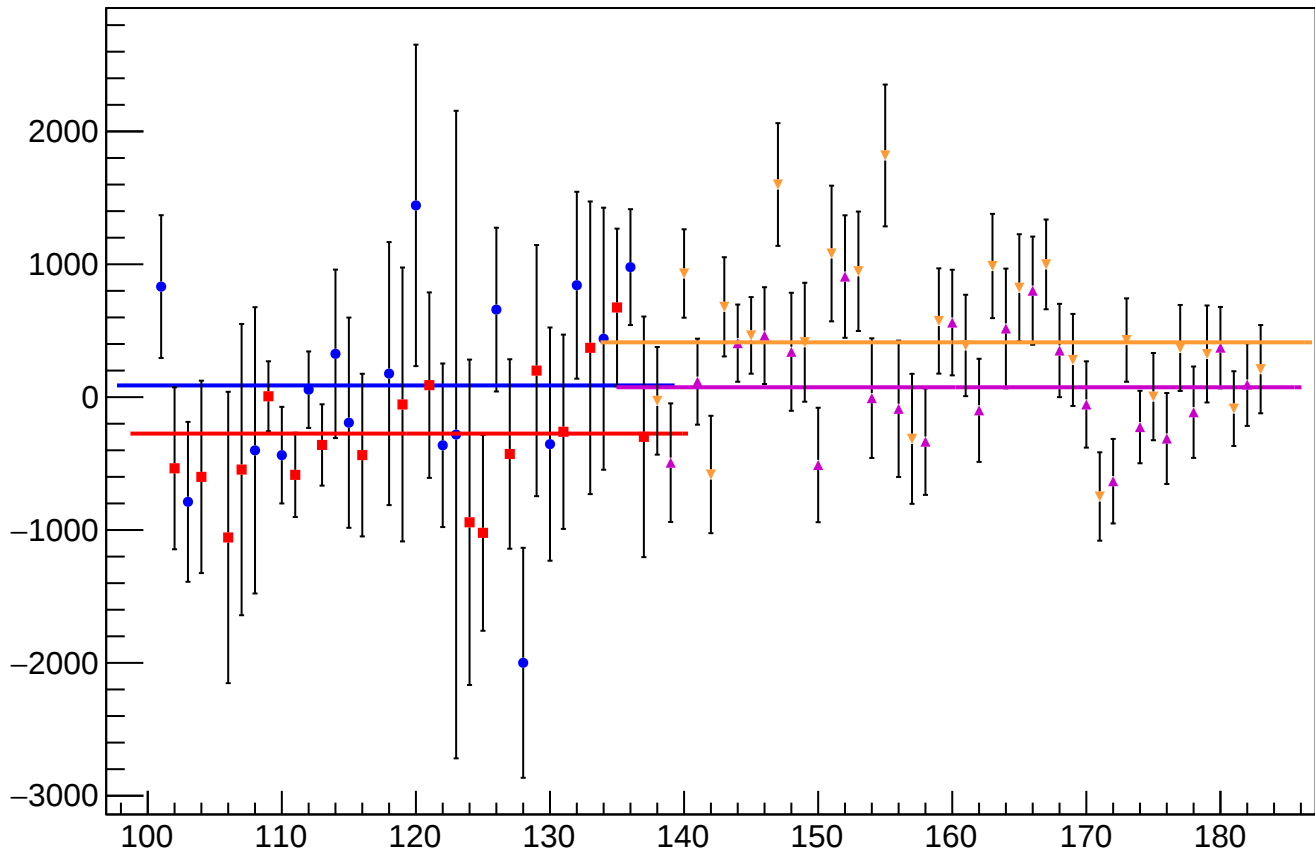
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 321.378+/-0.048 χ^2/NDF :3001349.0/38

Out: 311.095+/-0.046 χ^2/NDF :3897751.2/41

All: 315.990+/-0.033 χ^2/NDF : 6923193.3/80

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 412.528+/-75.408 χ^2/NDF : 51.9/23

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 74.292+/-77.405 χ^2/NDF : 26.0/21

Left: 247.830+/-54.014 χ^2/NDF : 87.8/45

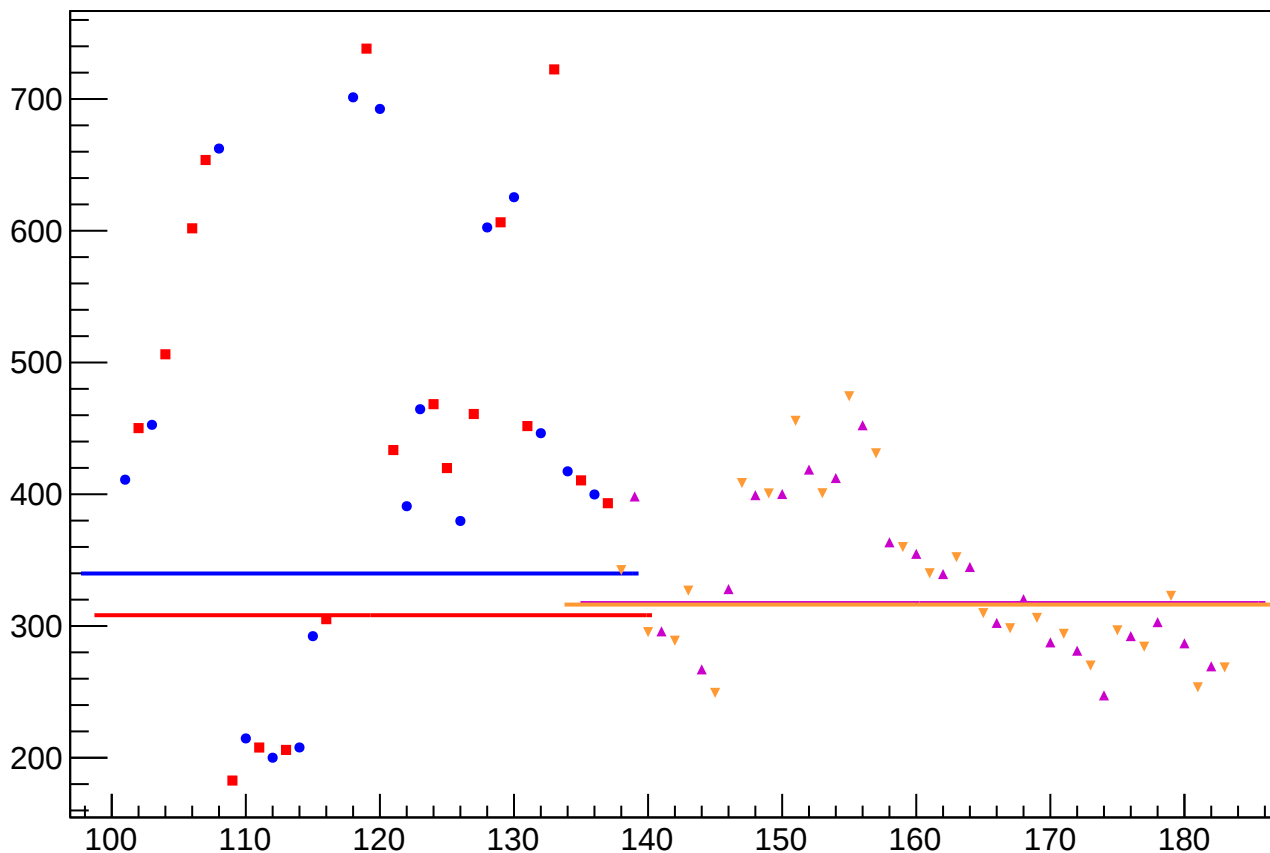
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 77.424+/-68.074 χ^2/NDF : 46.8/38

Out: 239.334+/-65.212 χ^2/NDF : 80.9/41

All: 161.855+/-47.091 χ^2/NDF : 130.7/80

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 316.266 $\pm$ 0.053 χ^2 /NDF:1067506.6/23

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 317.431 $\pm$ 0.055 χ^2 /NDF:919305.4/21

Left: 316.833 $\pm$ 0.038 χ^2 /NDF: 1987044.5/45

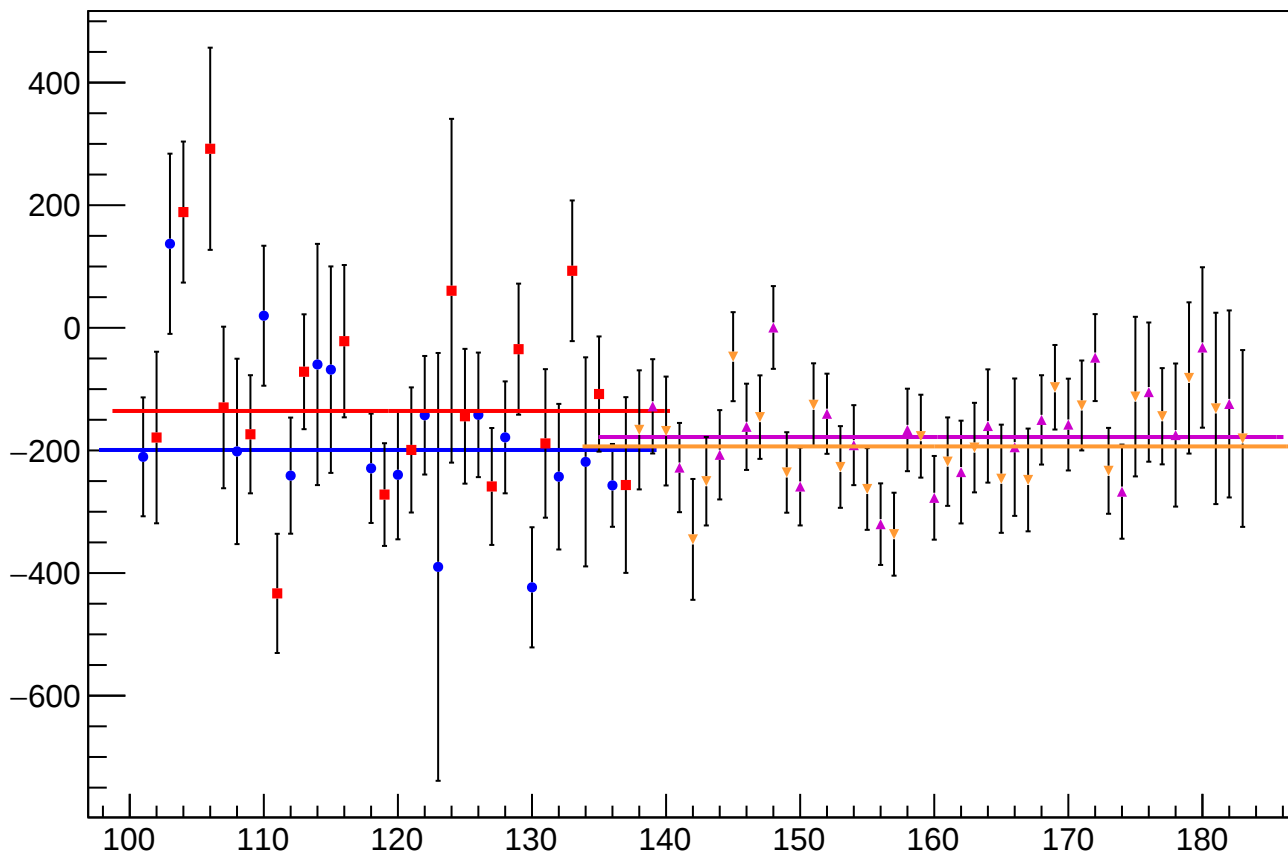
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 322.510 $\pm$ 0.048 χ^2 /NDF:3000837.1/38

Out: 314.232 $\pm$ 0.046 χ^2 /NDF:3772106.8/41

All: 318.193 $\pm$ 0.033 χ^2 /NDF: 6788367.7/80

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.458 $\pm$ 16.017 χ^2/NDF :20.8/23

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -178.090 $\pm$ 16.501 χ^2/NDF :24.0/21

Left: -186.002 $\pm$ 11.493 χ^2/NDF : 45.3/45

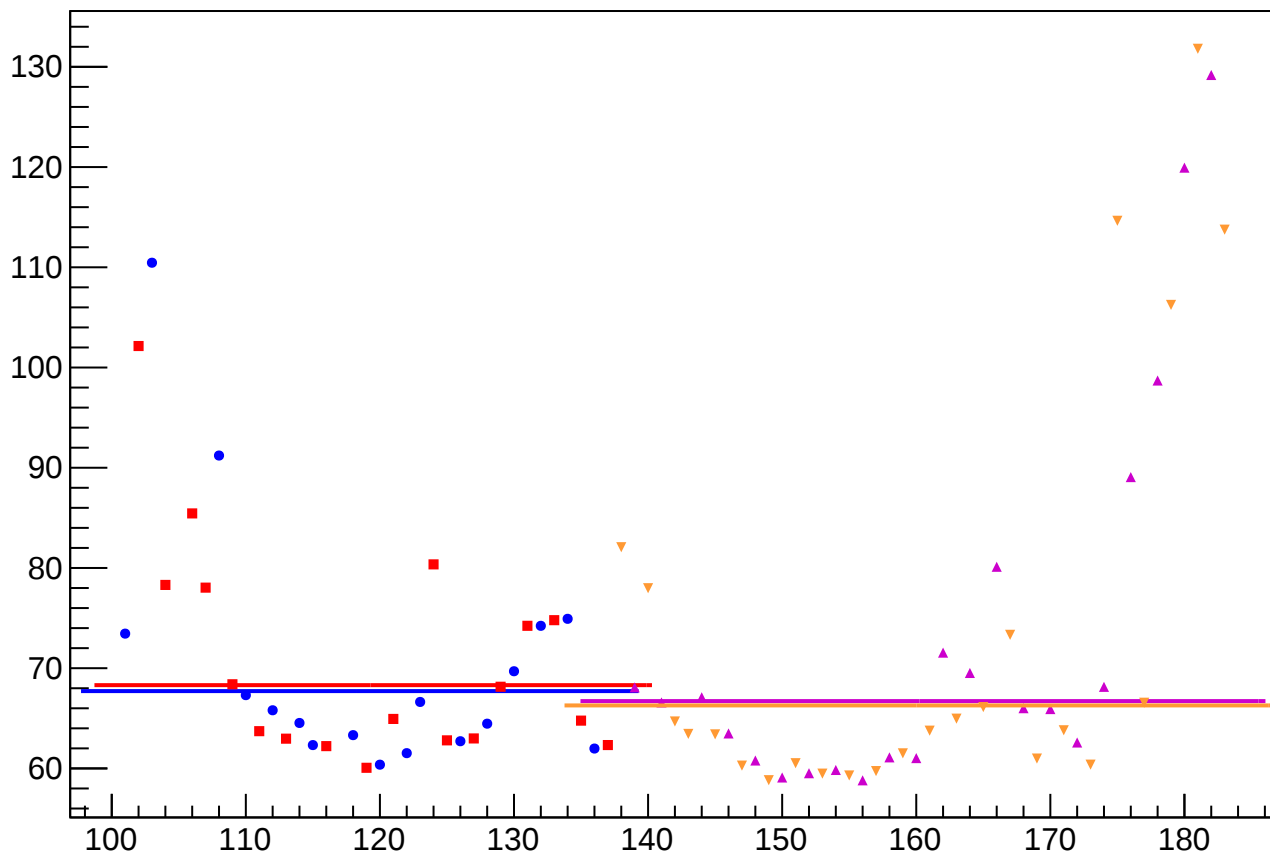
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -183.997 $\pm$ 14.010 χ^2/NDF :42.1/38

Out: -177.769 $\pm$ 13.673 χ^2/NDF :61.0/41

All: -180.807 $\pm$ 9.785 χ^2/NDF : 103.2/80

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 66.286 $\pm$ 0.011 χ^2 /NDF:1322584.6/23

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 66.718 $\pm$ 0.012 χ^2 /NDF:1090616.0/21

Left: 66.495 $\pm$ 0.008 χ^2 /NDF: 2413906.7/45

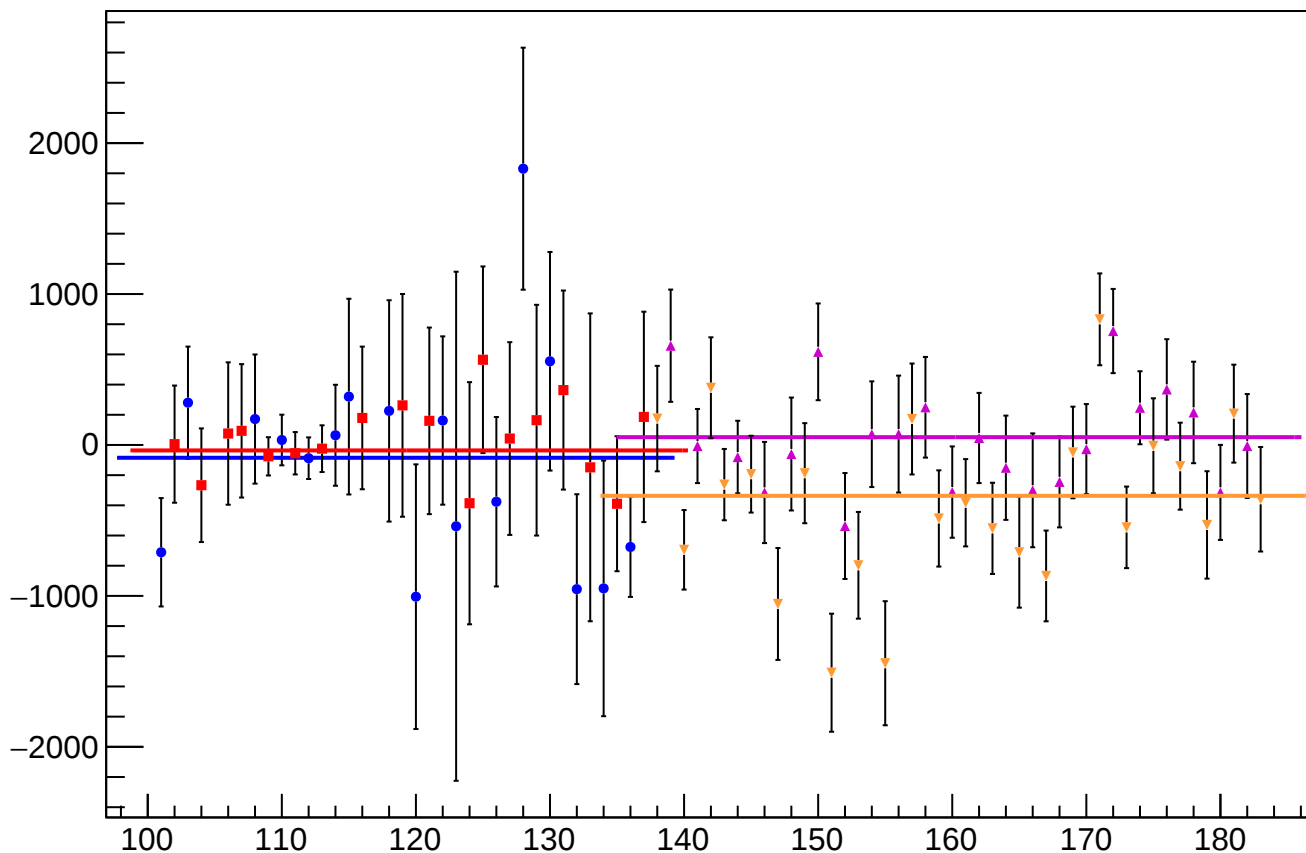
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 66.996 $\pm$ 0.010 χ^2 /NDF:1375549.5/38

Out: 66.834 $\pm$ 0.010 χ^2 /NDF:1565551.6/41

All: 66.913 $\pm$ 0.007 χ^2 /NDF: 2941237.8/80

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -336.795 ± 64.070 $\chi^2/\text{NDF}: 58.7/23$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 51.691 ± 66.673 $\chi^2/\text{NDF}: 23.8/21$

Left: -150.282 ± 46.197 $\chi^2/\text{NDF}: 100.1/45$

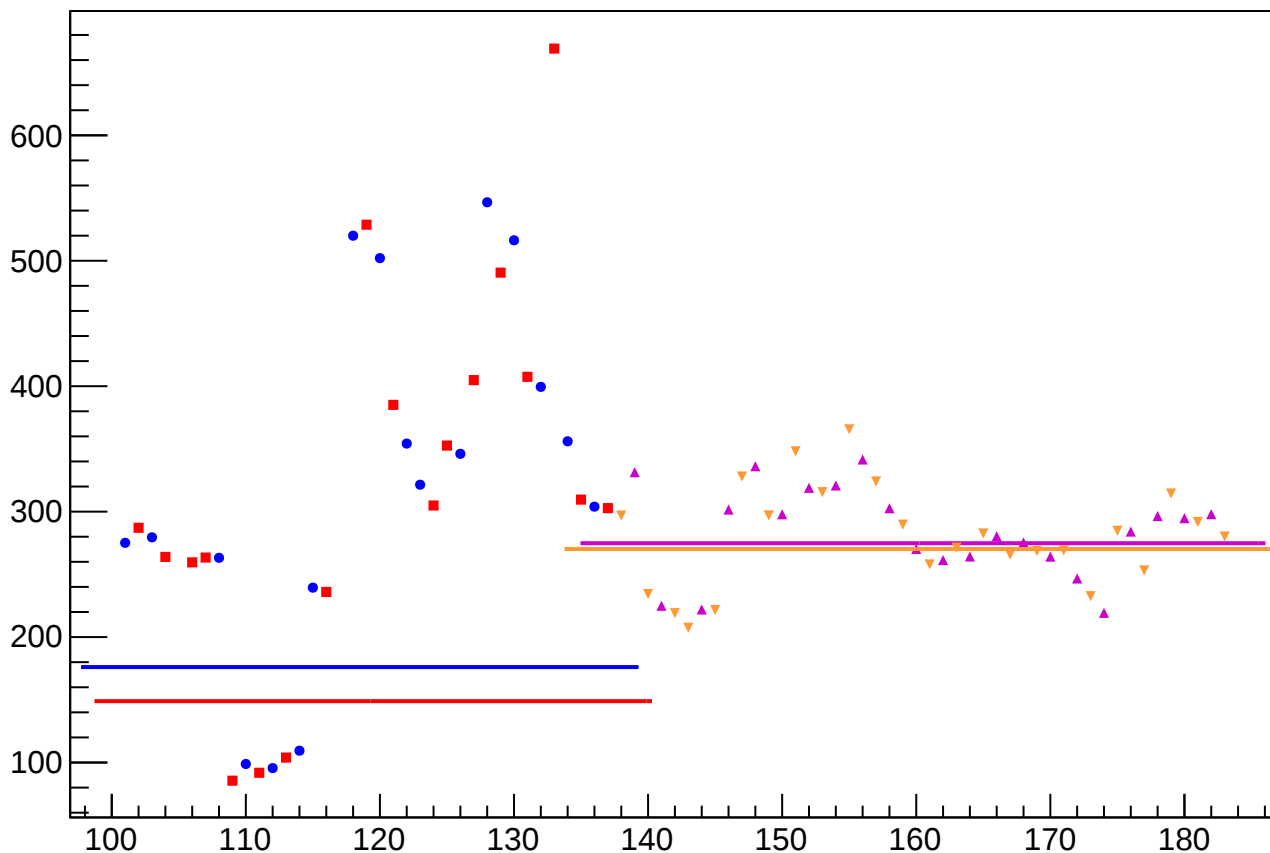
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -2.086 ± 51.897 $\chi^2/\text{NDF}: 45.4/38$

Out: -199.202 ± 47.185 $\chi^2/\text{NDF}: 72.2/41$

All: -109.998 ± 34.912 $\chi^2/\text{NDF}: 125.4/80$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.209+/-0.045 χ^2/NDF : 740097.2/23

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 274.833+/-0.047 χ^2/NDF : 603740.6/21

Left: 272.429+/-0.033 χ^2/NDF : 1348838.9/45

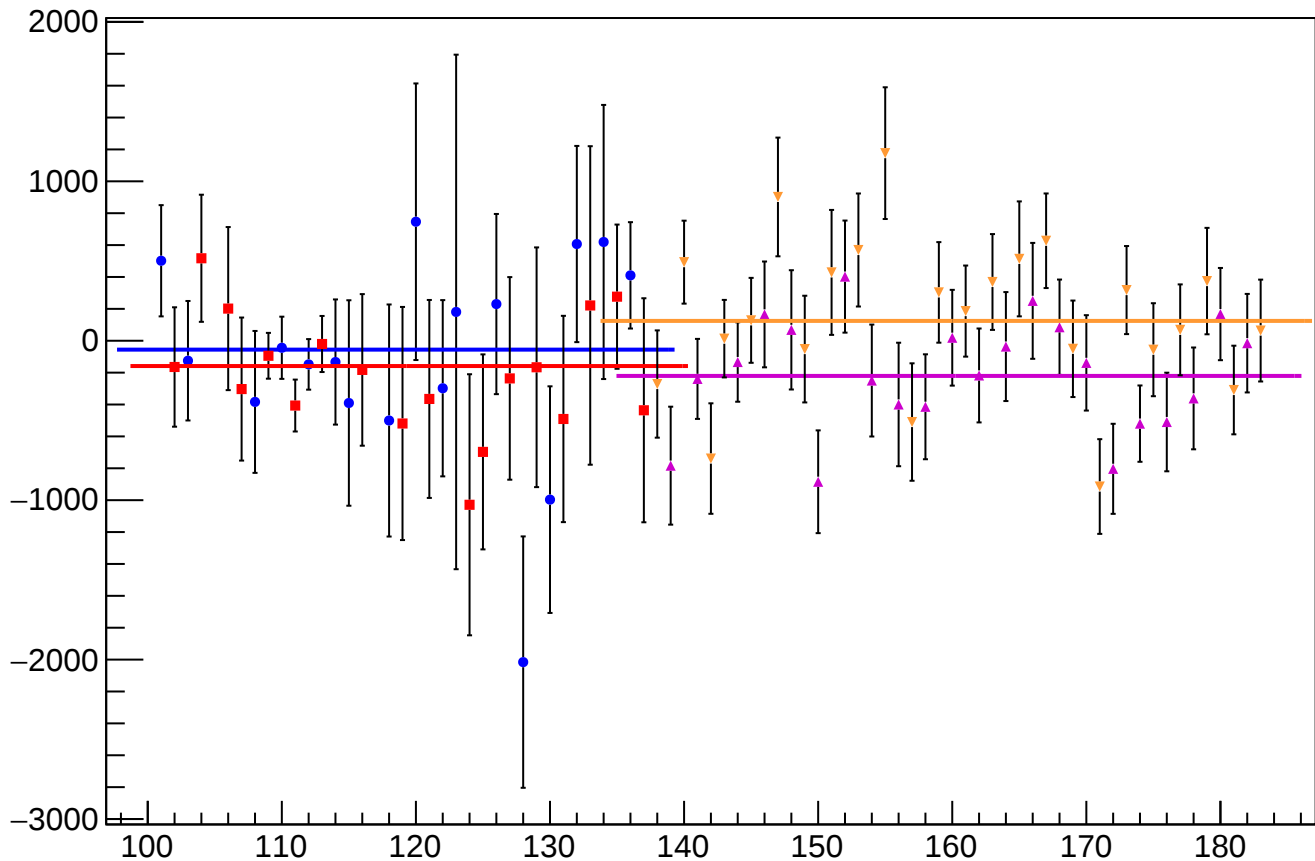
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 235.919+/-0.037 χ^2/NDF : 6556037.2/38

Out: 214.709+/-0.033 χ^2/NDF : 8790397.0/41

All: 224.307+/-0.025 χ^2/NDF : 15529330.2/80

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 124.425 ± 63.198 $\chi^2/\text{NDF}: 47.7/23$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -220.583 ± 65.788 $\chi^2/\text{NDF}: 25.2/21$

Left: -41.154 ± 45.576 $\chi^2/\text{NDF}: 87.2/45$

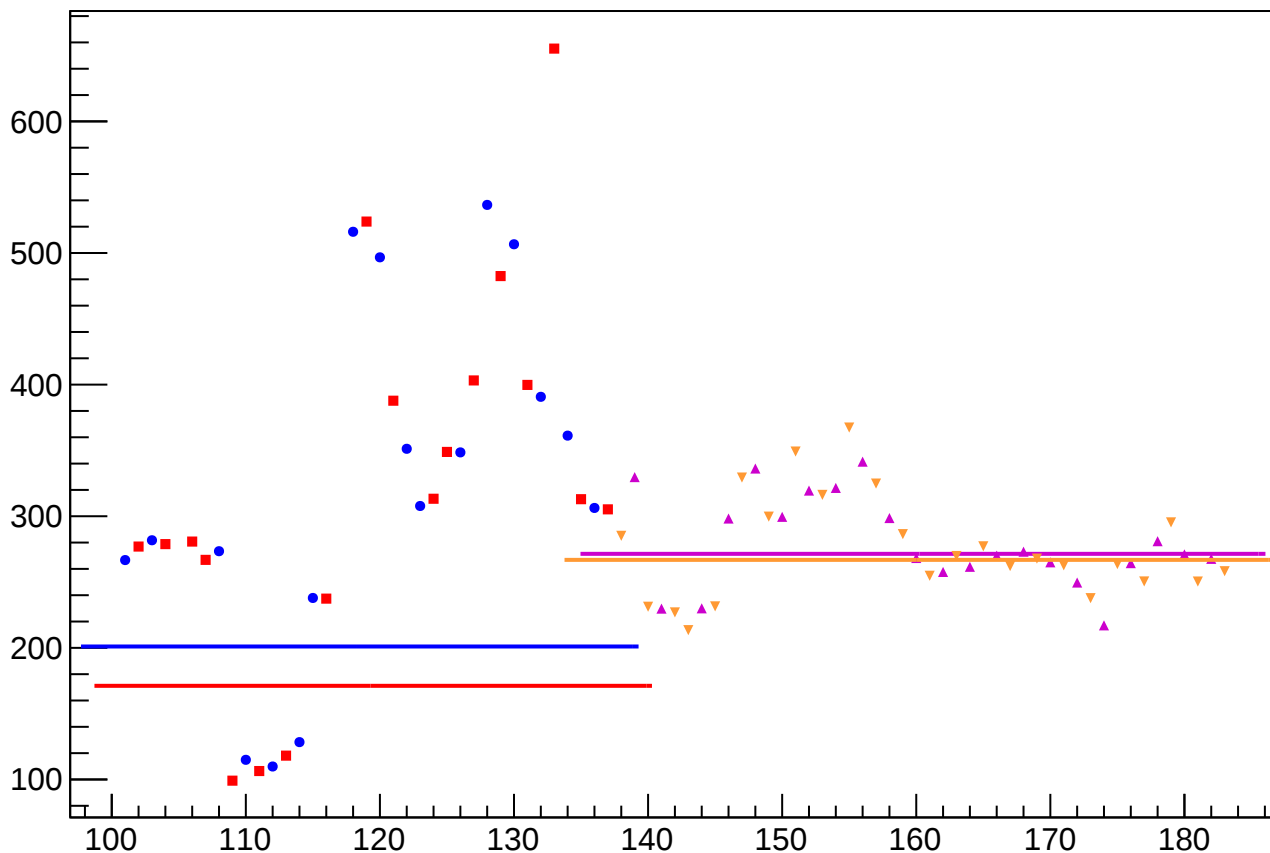
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -163.644 ± 53.228 $\chi^2/\text{NDF}: 44.5/38$

Out: 10.605 ± 48.869 $\chi^2/\text{NDF}: 66.1/41$

All: -69.094 ± 35.998 $\chi^2/\text{NDF}: 116.4/80$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.851 $\pm$ 0.045 χ^2/NDF : 638385.7/23

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 271.439 $\pm$ 0.047 χ^2/NDF : 530894.1/21

Left: 269.053 $\pm$ 0.032 χ^2/NDF : 1174340.4/45

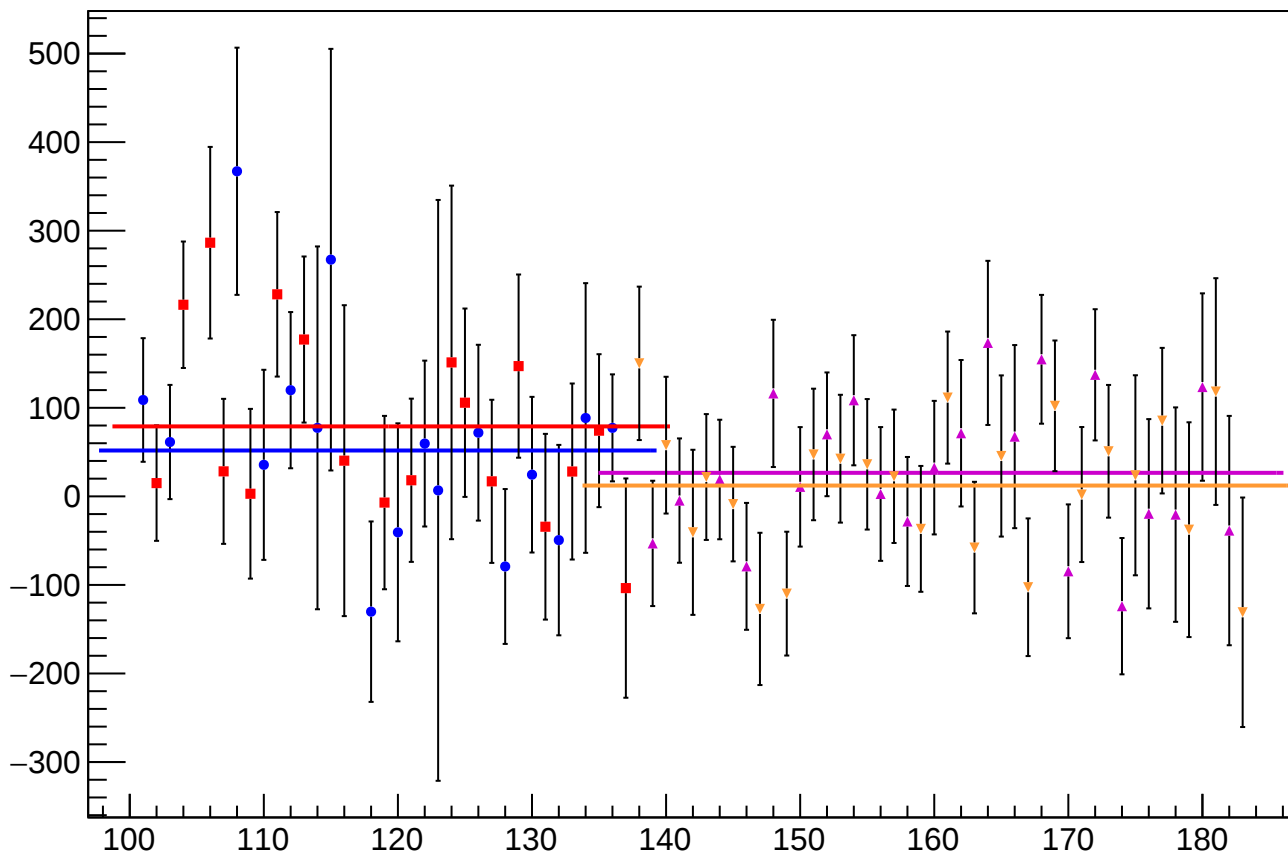
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 247.124 $\pm$ 0.038 χ^2/NDF : 4754986.3/38

Out: 228.378 $\pm$ 0.035 χ^2/NDF : 6547506.2/41

All: 236.952 $\pm$ 0.025 χ^2/NDF : 11437090.7/80

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 12.218 $\pm$ 16.392 χ^2 /NDF:19.6/23

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 26.582 $\pm$ 16.933 χ^2 /NDF:22.9/21

Left: 19.167 $\pm$ 11.778 χ^2 /NDF: 42.9/45

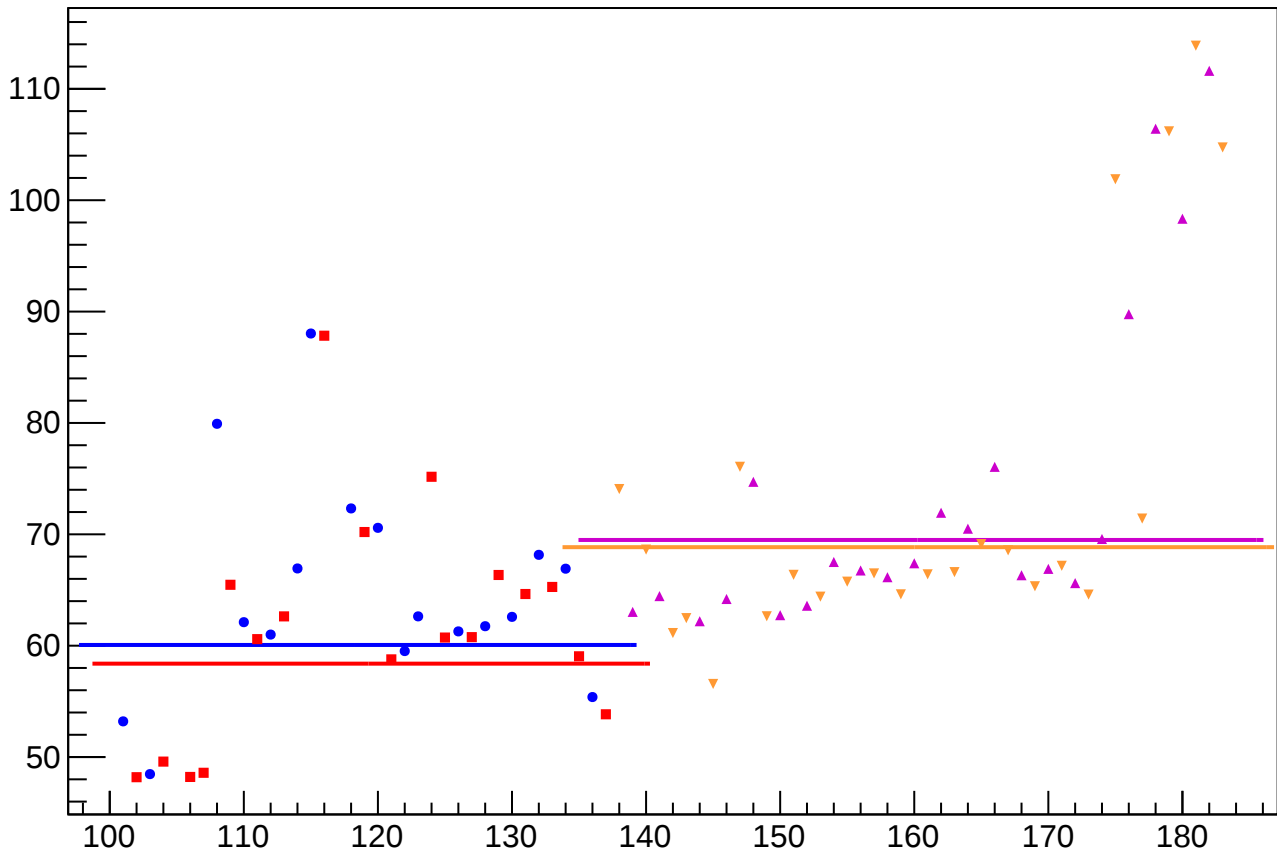
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.182 $\pm$ 13.746 χ^2 /NDF:38.2/38

Out: 35.378 $\pm$ 13.249 χ^2 /NDF:44.4/41

All: 35.283 $\pm$ 9.539 χ^2 /NDF: 82.6/80

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 68.846 $\pm$ 0.012 χ^2 /NDF: 941029.2/23

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 69.494 $\pm$ 0.012 χ^2 /NDF: 753428.2/21

Left: 69.159 $\pm$ 0.008 χ^2 /NDF: 1695969.1/45

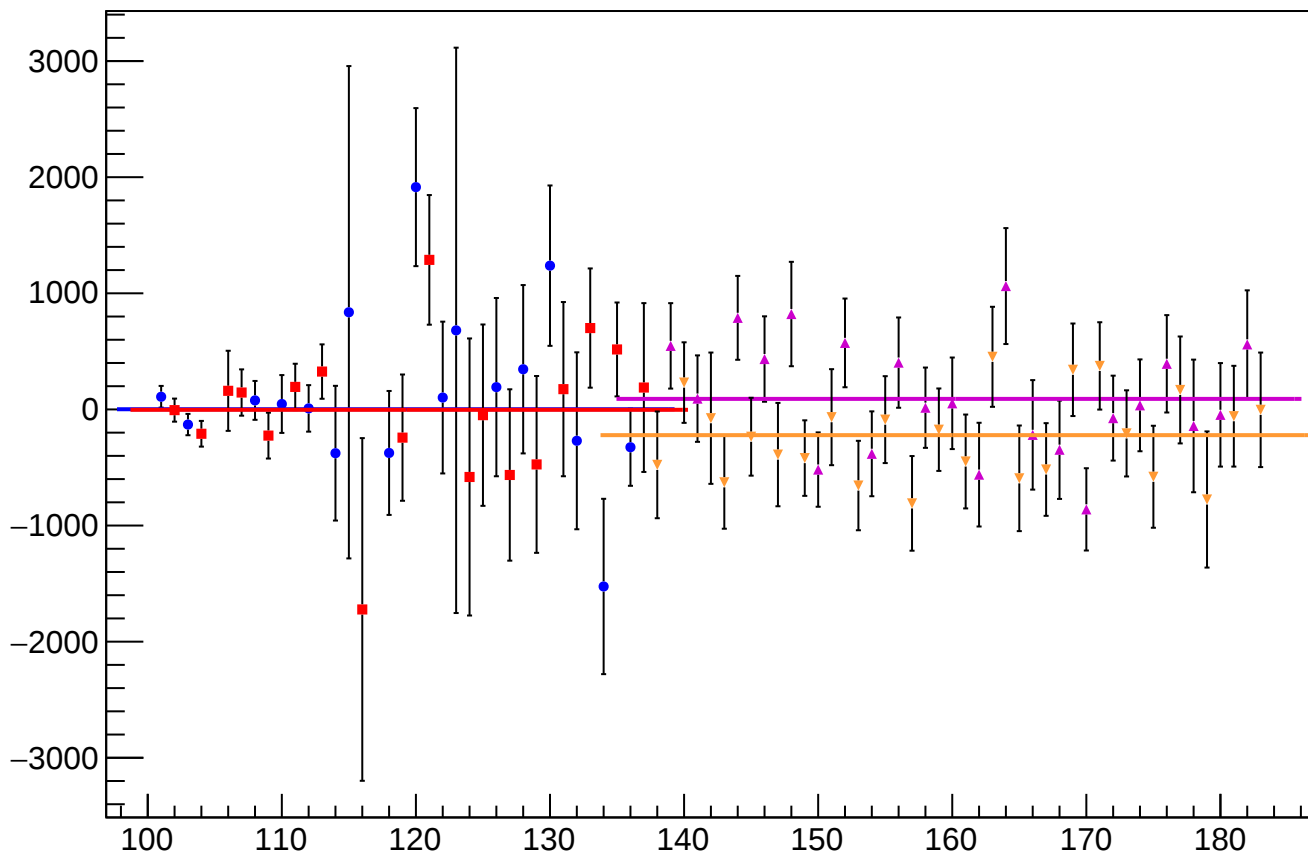
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 66.278 $\pm$ 0.010 χ^2 /NDF: 1193976.9/38

Out: 65.219 $\pm$ 0.009 χ^2 /NDF: 1498353.9/41

All: 65.729 $\pm$ 0.007 χ^2 /NDF: 2698486.7/80

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -221.530 ± 83.045 $\chi^2/\text{NDF}: 18.4/23$

Right Out: -3.242 ± 56.611 $\chi^2/\text{NDF}: 20.2/17$

Left In: 90.766 ± 84.681 $\chi^2/\text{NDF}: 33.0/21$

Left: -68.427 ± 59.292 $\chi^2/\text{NDF}: 58.3/45$

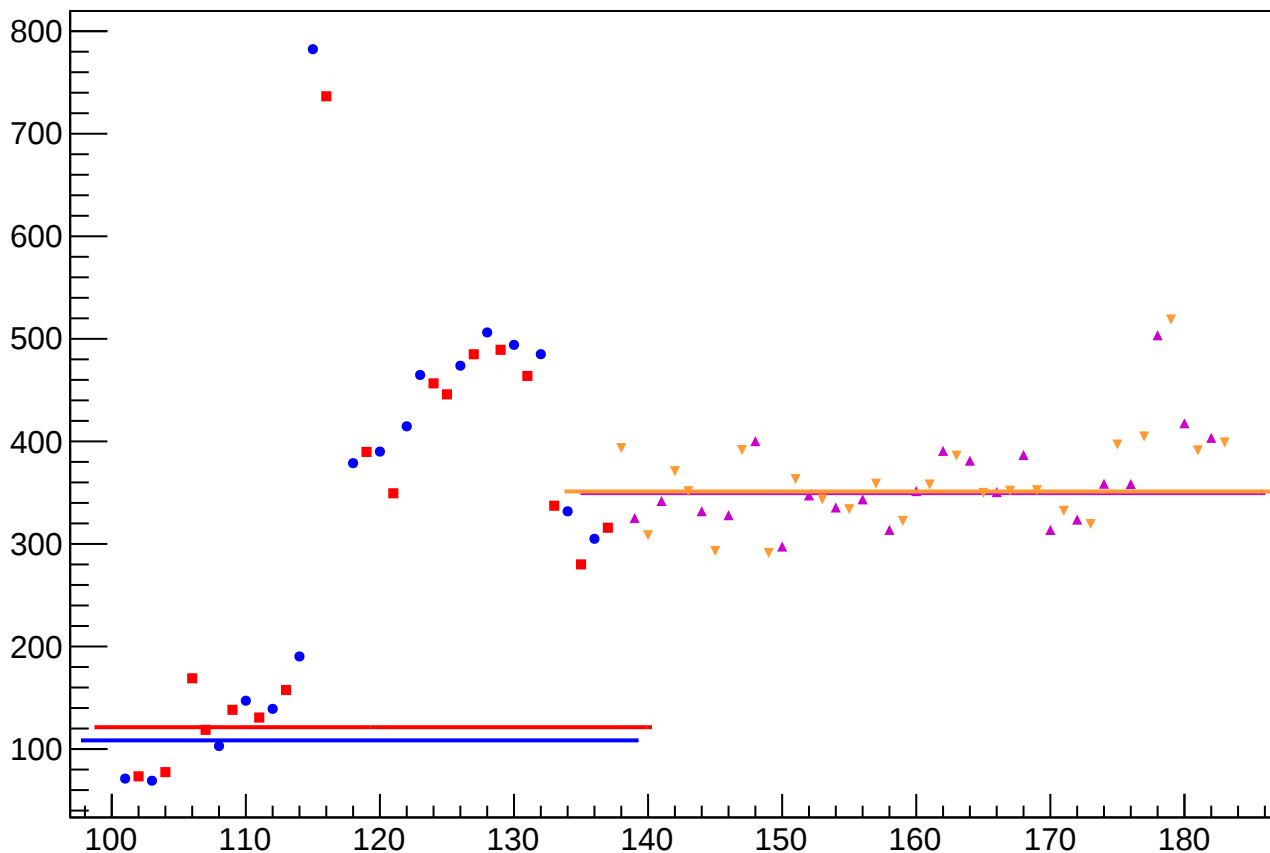
Right: -0.730 ± 39.182 $\chi^2/\text{NDF}: 41.6/34$

In: 27.556 ± 45.700 $\chi^2/\text{NDF}: 55.2/38$

Out: -72.498 ± 46.777 $\chi^2/\text{NDF}: 43.3/41$

All: -21.307 ± 32.689 $\chi^2/\text{NDF}: 100.9/80$

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: 351.177 $\pm$ 0.059 χ^2 /NDF: 495981.2/23

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 349.604 $\pm$ 0.060 χ^2 /NDF: 416380.1/21

Left: 350.406 $\pm$ 0.042 χ^2 /NDF: 912713.1/45

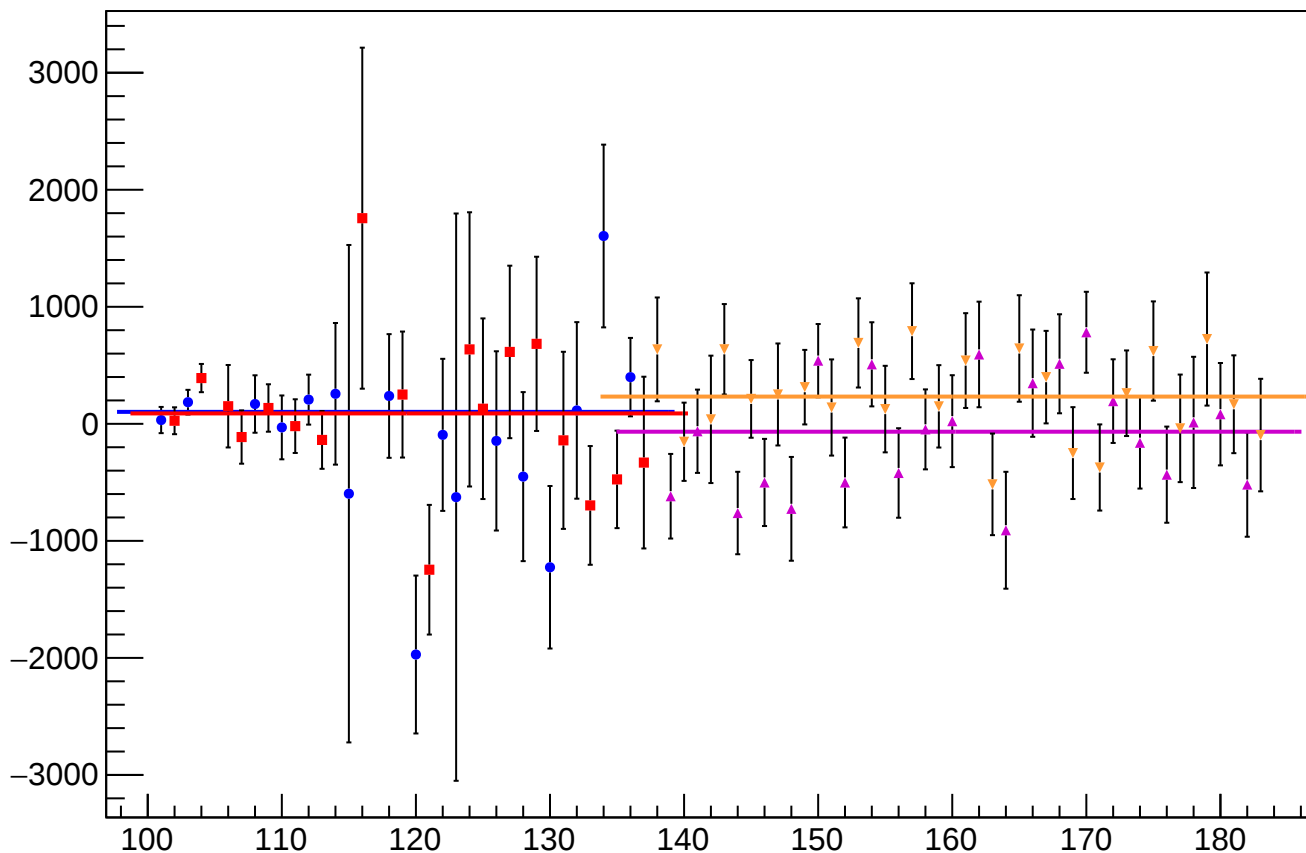
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 178.683 $\pm$ 0.032 χ^2 /NDF: 17316819.9/38

Out: 194.235 $\pm$ 0.033 χ^2 /NDF: 15689878.6/41

All: 186.278 $\pm$ 0.023 χ^2 /NDF: 33119815.9/80

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2/NDF : 20.3/16

Left Out: 232.807 $\pm$ 81.673 χ^2/NDF : 18.2/23

Right Out: 88.841 $\pm$ 62.230 χ^2/NDF : 21.7/17

Left In: -67.336 $\pm$ 83.366 χ^2/NDF : 34.6/21

Left: 85.813 $\pm$ 58.341 χ^2/NDF : 59.4/45

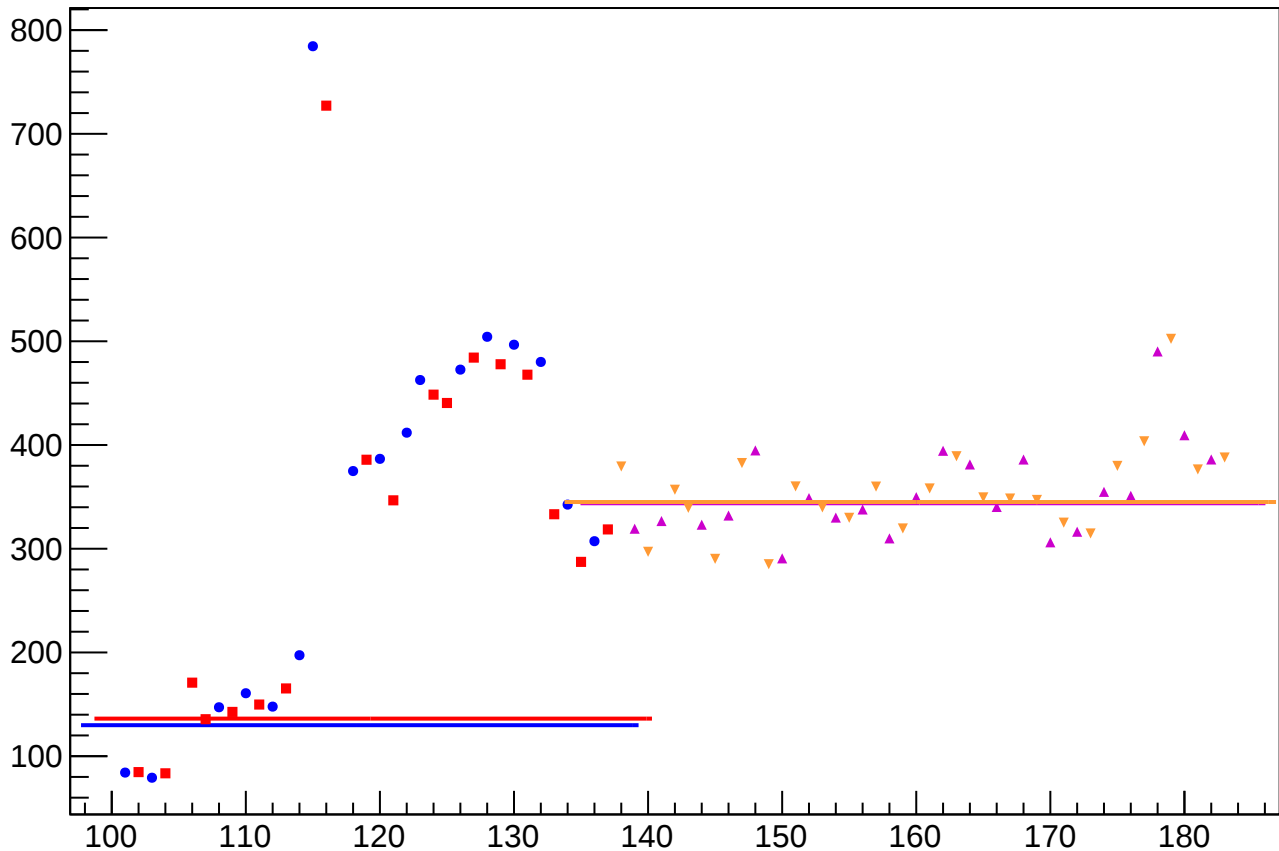
Right: 95.435 $\pm$ 44.317 χ^2/NDF : 42.0/34

In: 40.428 $\pm$ 50.327 χ^2/NDF : 57.5/38

Out: 141.721 $\pm$ 49.499 χ^2/NDF : 41.9/41

All: 91.914 $\pm$ 35.290 χ^2/NDF : 101.4/80

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 345.040 $\pm$ 0.058 χ^2 /NDF: 483383.1/23

Right Out: 136.225 $\pm$ 0.044 χ^2 /NDF: 4282800.2/17

Left In: 343.832 $\pm$ 0.059 χ^2 /NDF: 423912.1/21

Left: 344.448 $\pm$ 0.041 χ^2 /NDF: 907509.4/45

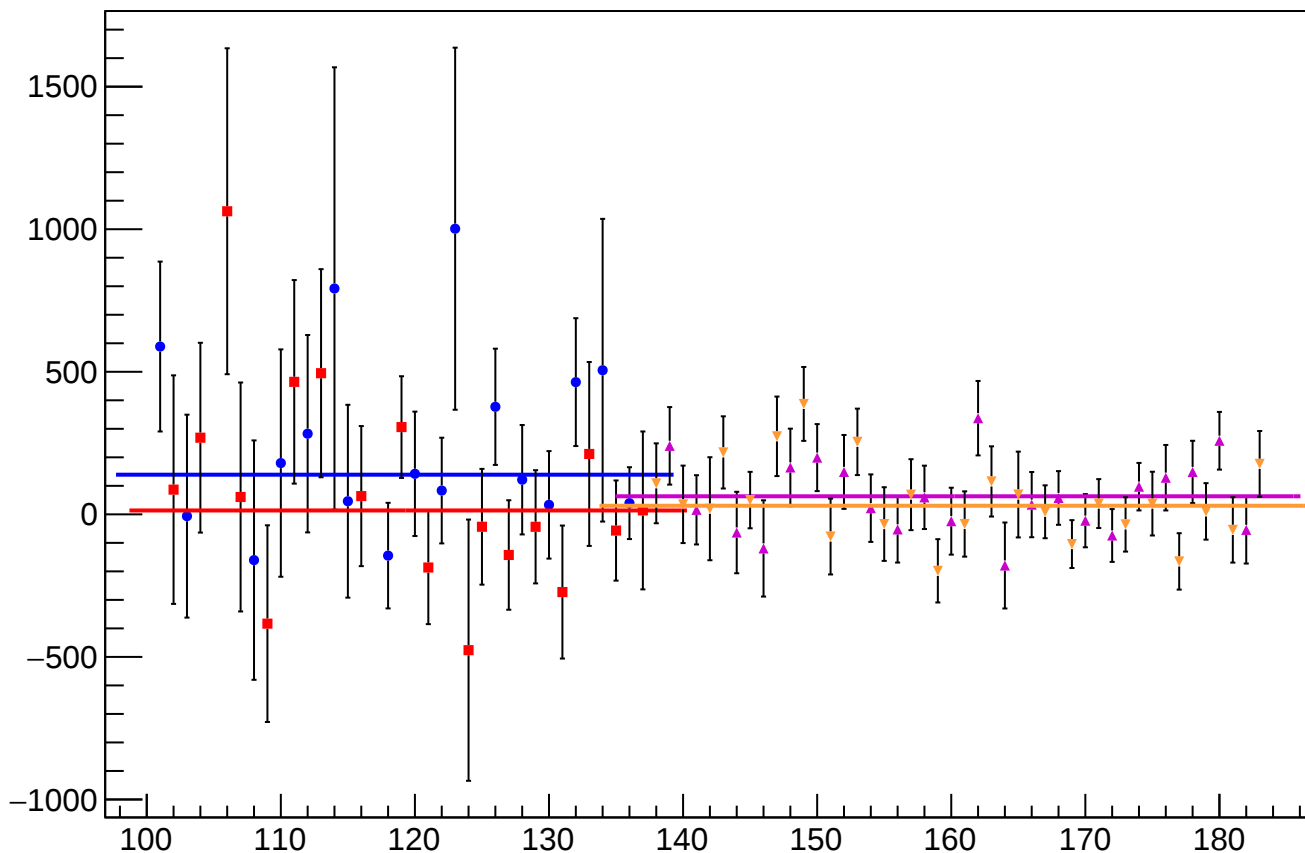
Right: 133.100 $\pm$ 0.031 χ^2 /NDF: 9122555.3/34

In: 207.854 $\pm$ 0.036 χ^2 /NDF: 13625454.9/38

Out: 212.925 $\pm$ 0.035 χ^2 /NDF: 13037649.7/41

All: 210.432 $\pm$ 0.025 χ^2 /NDF: 26673425.9/80

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: 30.196 $\pm$ 23.108 χ^2/NDF : 32.2/23

Right Out: 13.637 $\pm$ 60.127 χ^2/NDF : 16.4/17

Left In: 63.378 $\pm$ 24.343 χ^2/NDF : 23.7/21

Left: 45.924 $\pm$ 16.760 χ^2/NDF : 56.9/45

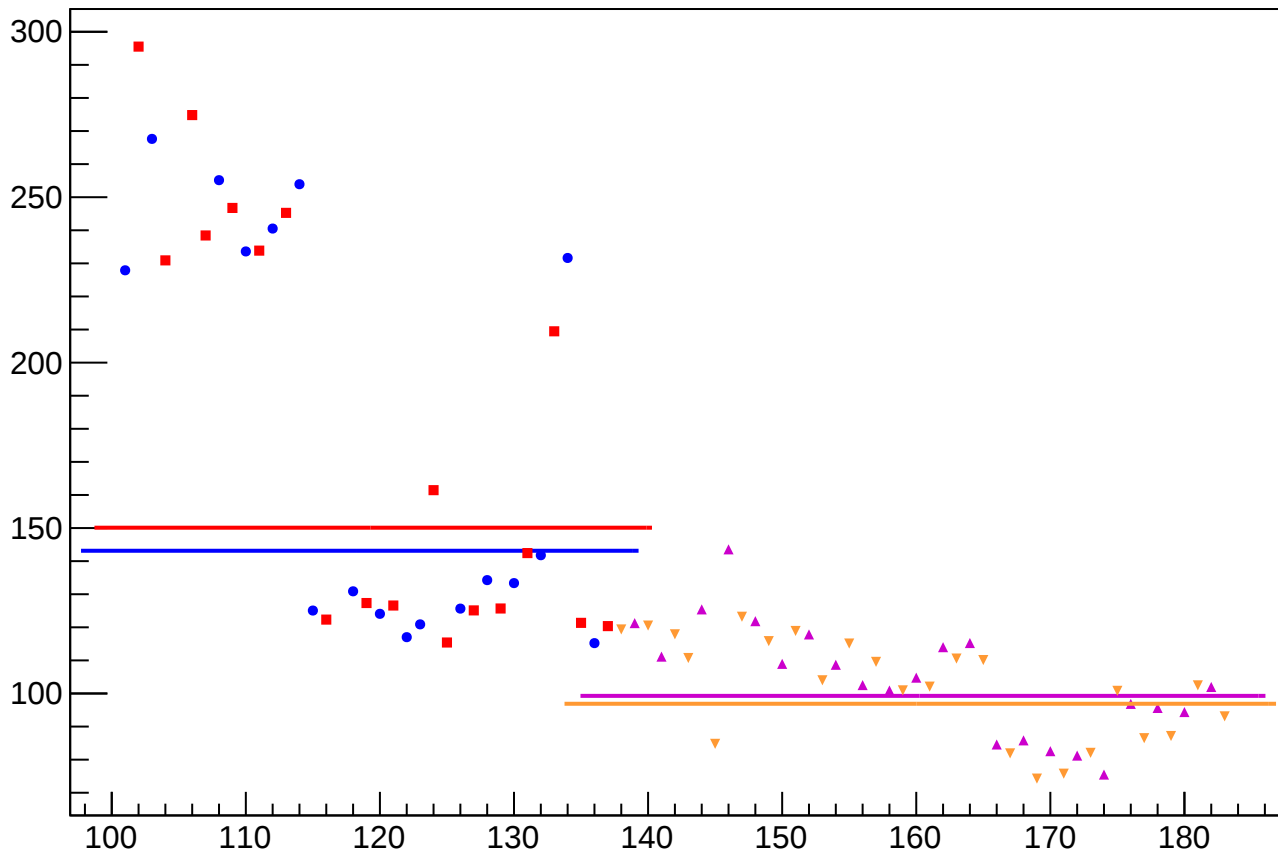
Right: 78.643 $\pm$ 41.737 χ^2/NDF : 31.8/34

In: 74.724 $\pm$ 22.445 χ^2/NDF : 38.3/38

Out: 28.065 $\pm$ 21.570 χ^2/NDF : 48.7/41

All: 50.467 $\pm$ 15.552 χ^2/NDF : 89.2/80

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.892 $\pm$ 0.016 χ^2 /NDF: 894066.1/23

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.280 $\pm$ 0.017 χ^2 /NDF: 838579.5/21

Left: 98.024 $\pm$ 0.012 χ^2 /NDF: 1742770.5/45

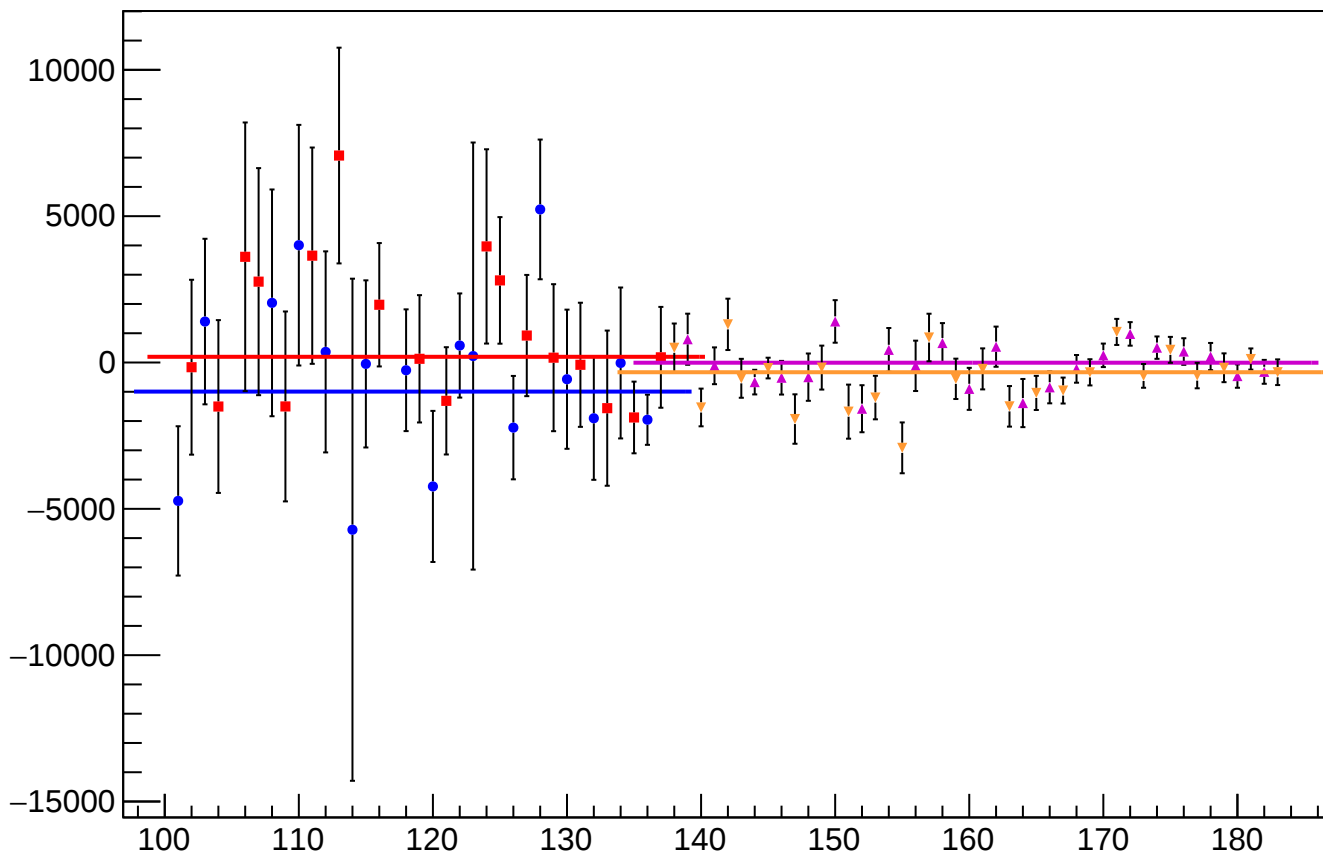
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.853 $\pm$ 0.016 χ^2 /NDF: 2912749.4/38

Out: 103.741 $\pm$ 0.015 χ^2 /NDF: 3591933.6/41

All: 104.755 $\pm$ 0.011 χ^2 /NDF: 6513888.6/80

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.272+/-110.352 χ^2/NDF : 47.1/23

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -7.167+/-113.865 χ^2/NDF : 32.0/21

Left: -174.813+/-79.244 χ^2/NDF : 83.3/45

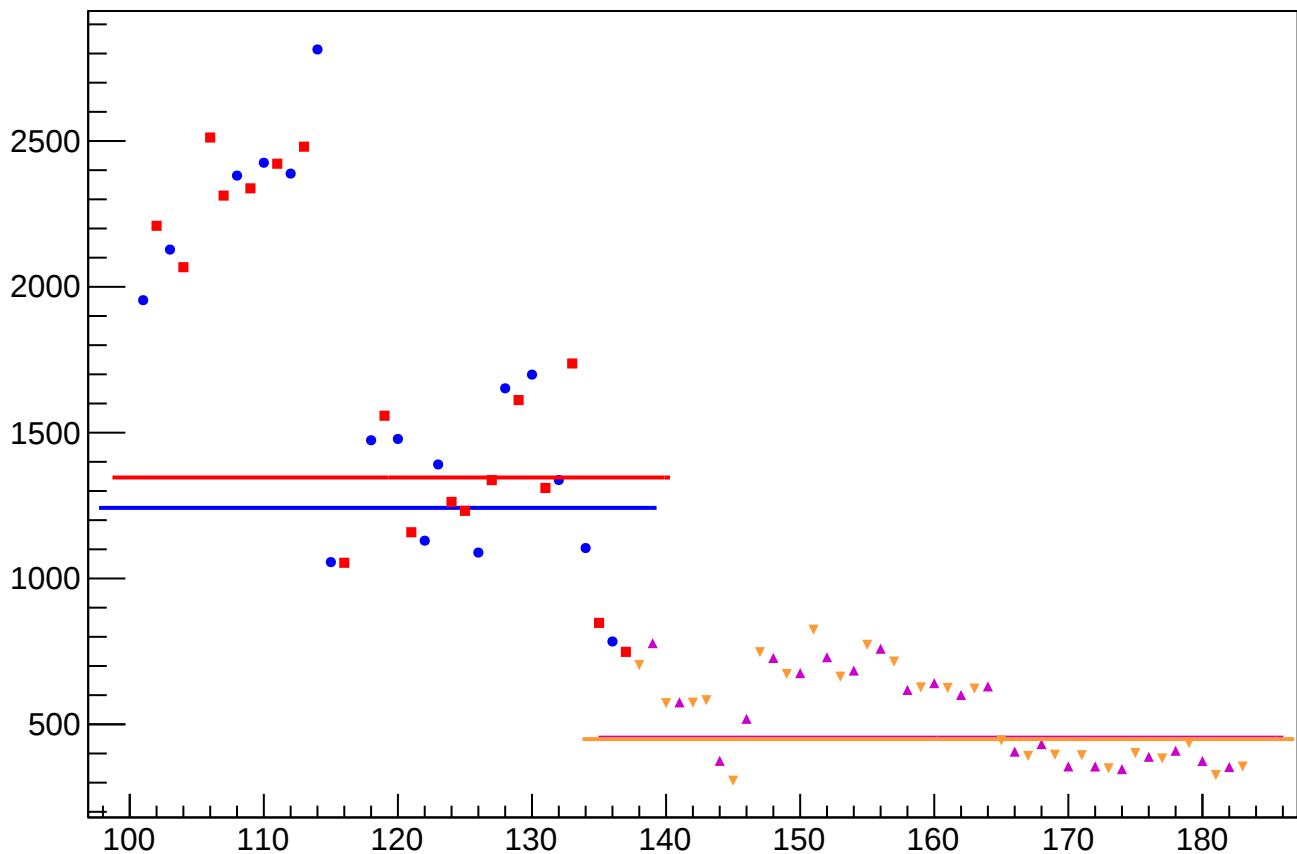
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -52.901+/-111.195 χ^2/NDF : 52.4/38

Out: -311.418+/-108.148 χ^2/NDF : 61.6/41

All: -185.750+/-77.527 χ^2/NDF : 116.8/80

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: 449.365 $\pm$ 0.078 χ^2 /NDF:3113871.5/23

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 454.266 $\pm$ 0.081 χ^2 /NDF:2652240.5/21

Left: 451.739 $\pm$ 0.056 χ^2 /NDF: 5768022.7/45

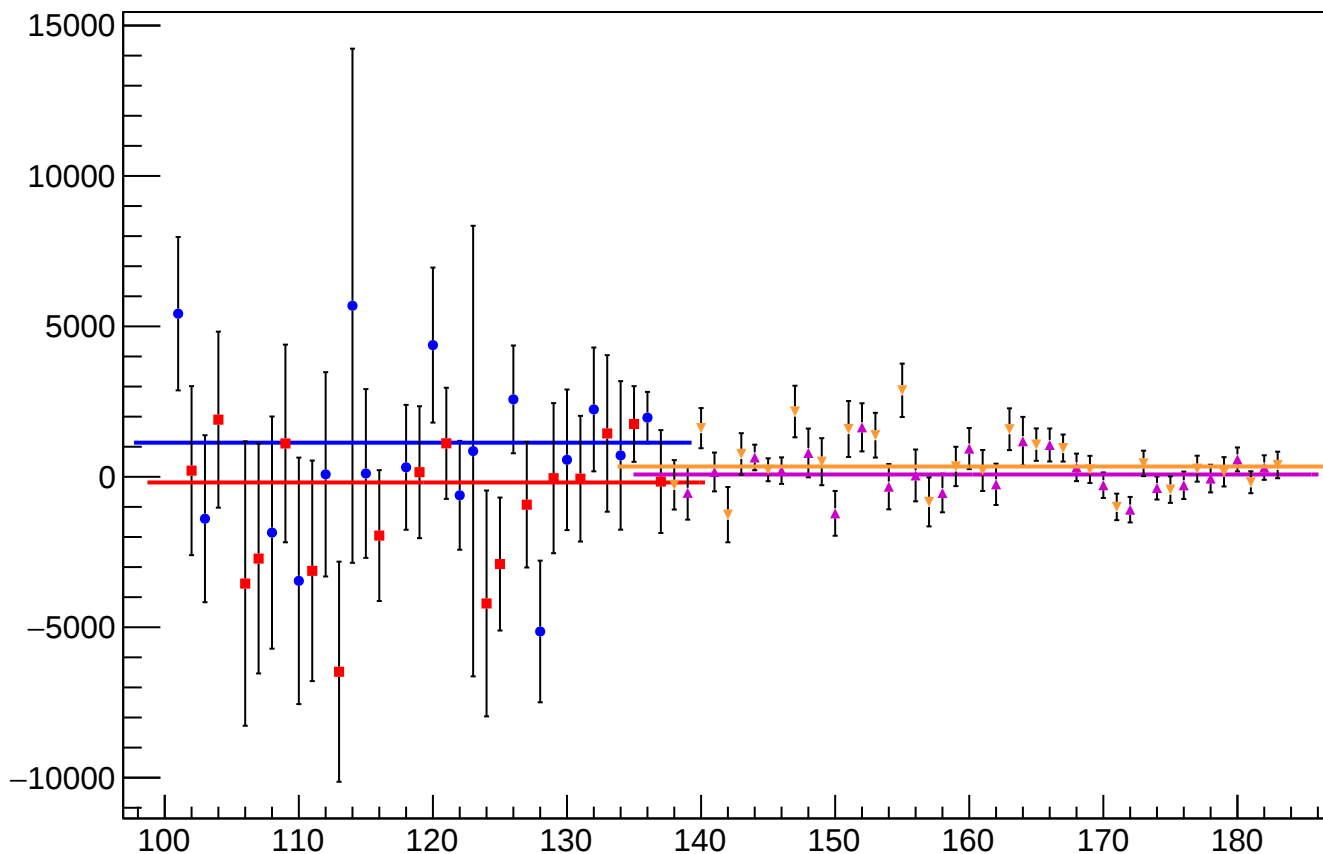
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 490.789 $\pm$ 0.079 χ^2 /NDF:8858682.4/38

Out: 484.839 $\pm$ 0.076 χ^2 /NDF:10148839.4/41

All: 487.731 $\pm$ 0.055 χ^2 /NDF: 19010465.1/80

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 342.585+/-111.335 χ^2/NDF : 47.8/23

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 77.822+/-112.914 χ^2/NDF : 30.6/21

Left: 212.067+/-79.278 χ^2/NDF : 81.2/45

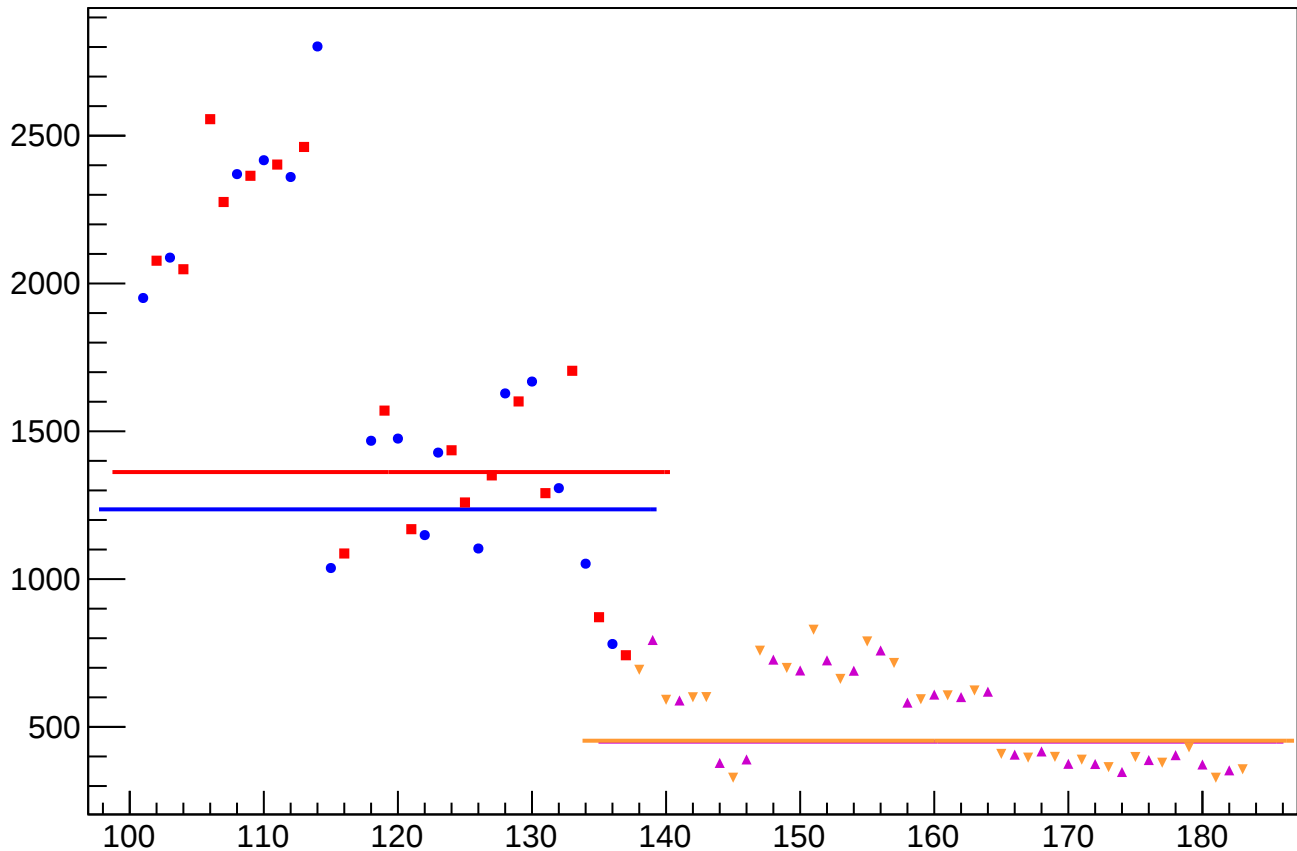
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 126.542+/-110.282 χ^2/NDF : 52.4/38

Out: 321.586+/-109.108 χ^2/NDF : 60.7/41

All: 225.108+/-77.563 χ^2/NDF : 114.7/80

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 453.298 $\pm$ 0.079 χ^2 /NDF: 2993489.5/23

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 450.168 $\pm$ 0.080 χ^2 /NDF: 2540395.8/21

Left: 451.755 $\pm$ 0.056 χ^2 /NDF: 5534665.0/45

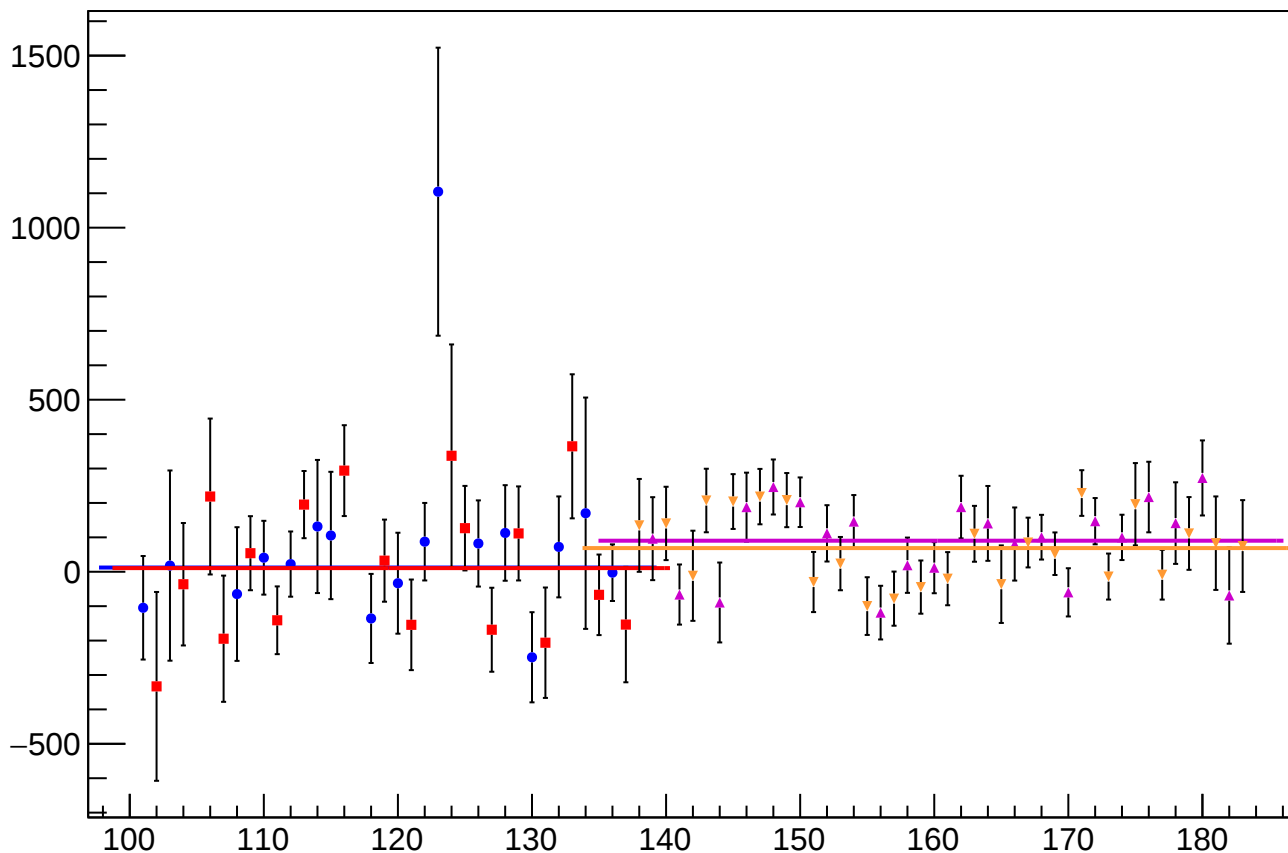
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 486.372 $\pm$ 0.078 χ^2 /NDF: 8748816.5/38

Out: 489.299 $\pm$ 0.077 χ^2 /NDF: 9981629.8/41

All: 487.851 $\pm$ 0.055 χ^2 /NDF: 18731158.2/80

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: 68.809 $\pm$ 17.346 χ^2 /NDF:36.5/23

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 90.258 $\pm$ 18.170 χ^2 /NDF:35.0/21

Left: 79.035 $\pm$ 12.547 χ^2 /NDF: 72.2/45

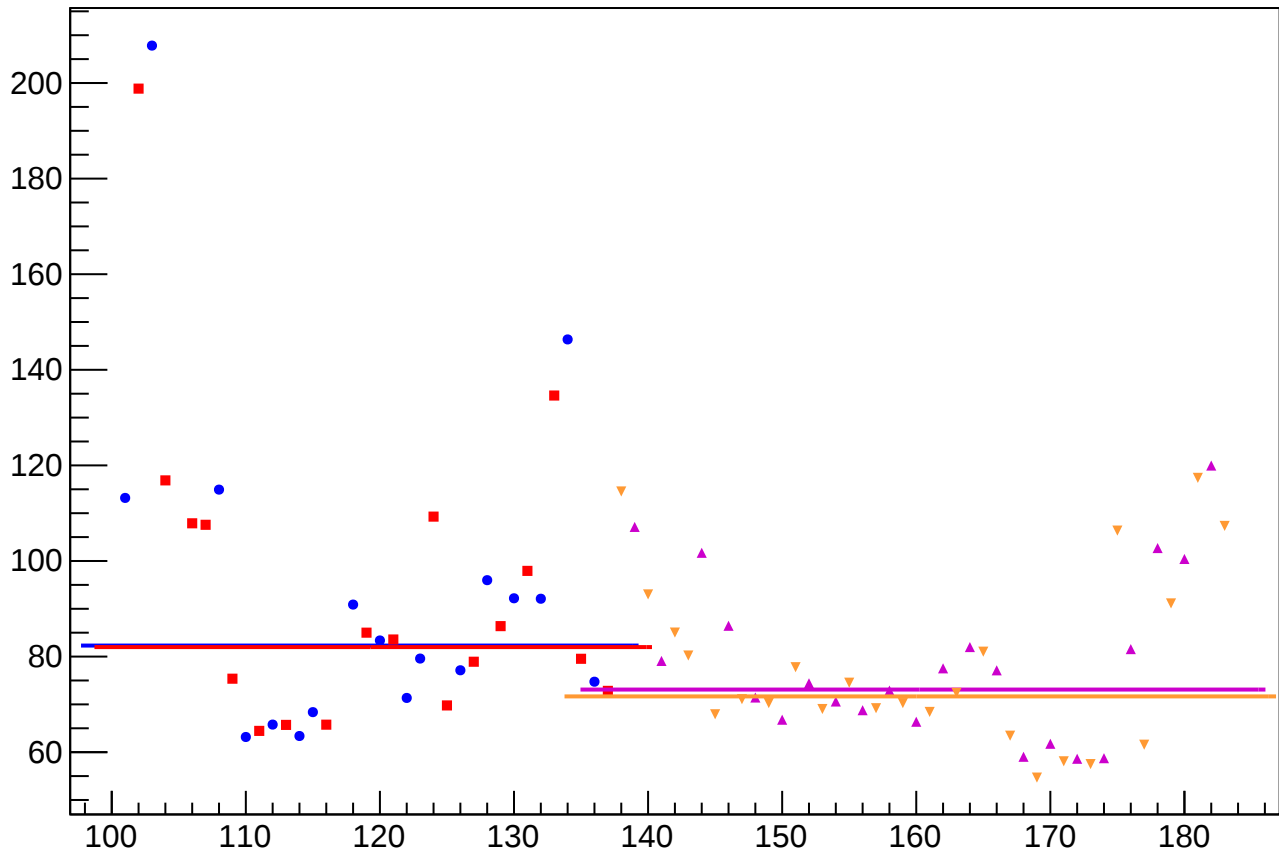
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 72.314 $\pm$ 15.942 χ^2 /NDF:54.6/38

Out: 55.967 $\pm$ 15.314 χ^2 /NDF:65.7/41

All: 63.812 $\pm$ 11.044 χ^2 /NDF: 120.8/80

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: 71.669 $\pm$ 0.012 χ^2 /NDF:1354557.0/23

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 73.102 $\pm$ 0.013 χ^2 /NDF:1209663.4/21

Left: 72.352 $\pm$ 0.009 χ^2 /NDF: 2570727.3/45

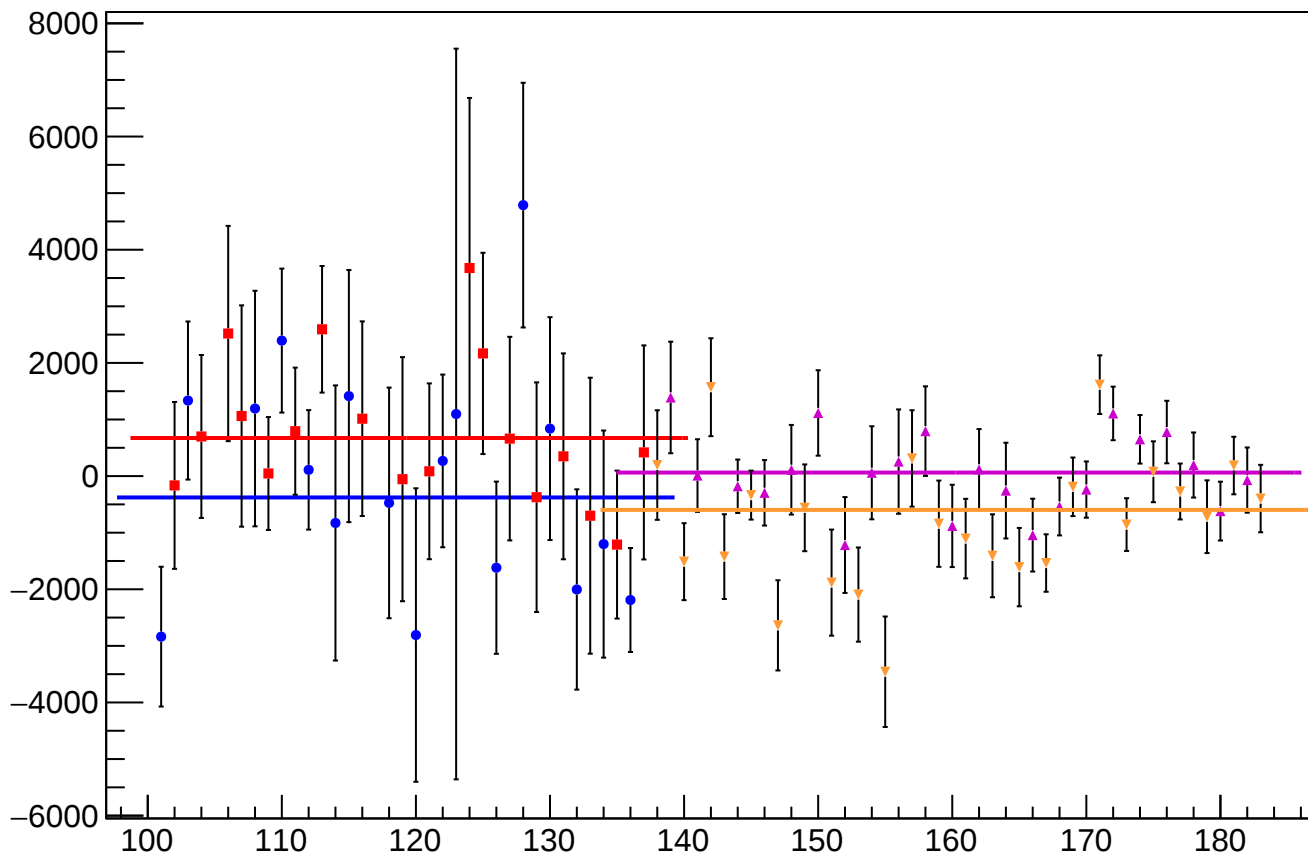
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 75.221 $\pm$ 0.011 χ^2 /NDF:2196537.5/38

Out: 73.945 $\pm$ 0.011 χ^2 /NDF:2363886.0/41

All: 74.557 $\pm$ 0.008 χ^2 /NDF: 4567082.8/80

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -597.408+/-128.810 χ^2/NDF : 62.8/23

Right Out: 673.192+/-368.624 χ^2/NDF : 9.4/17

Left In: 62.404+/-130.839 χ^2/NDF : 24.4/21

Left: -272.656+/-91.791 χ^2/NDF : 100.1/45

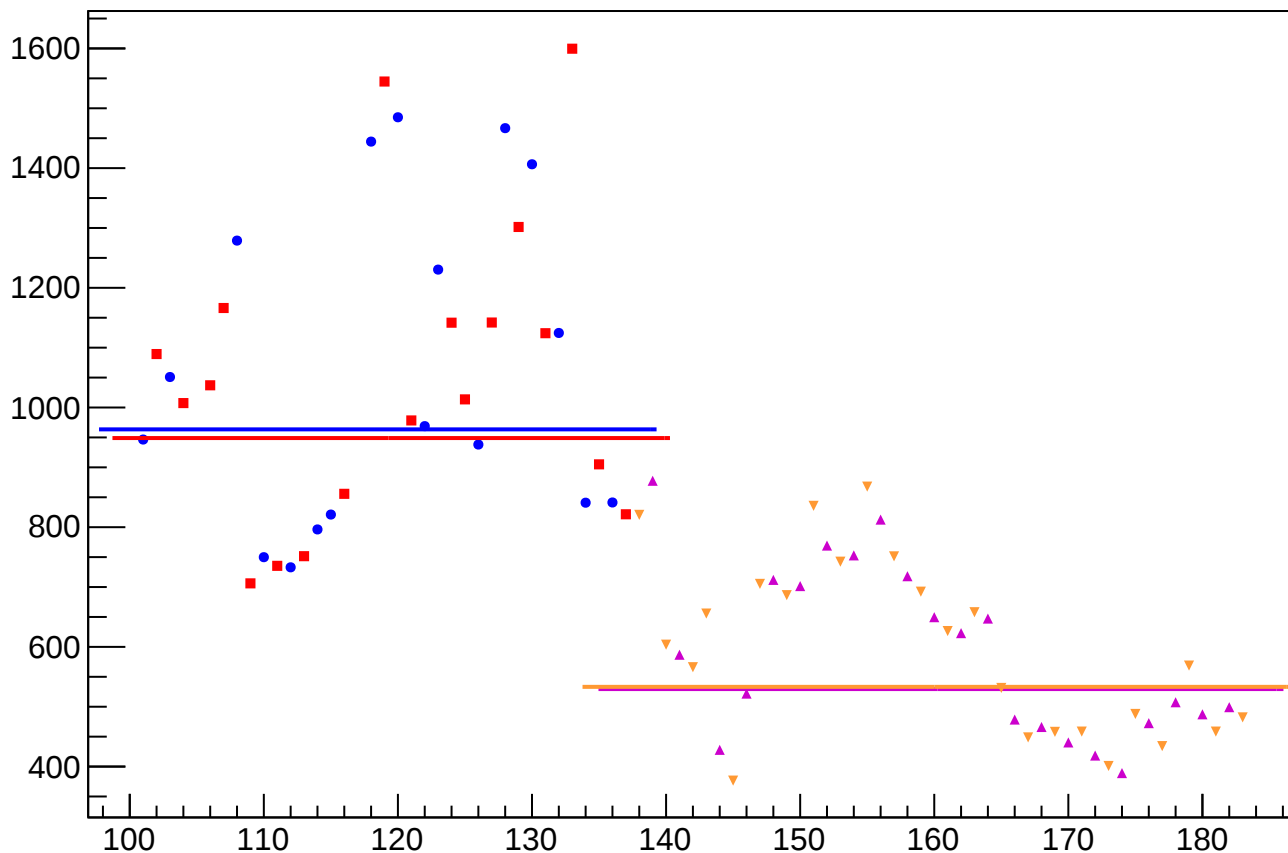
Right: 169.244+/-265.892 χ^2/NDF : 37.7/34

In: 16.642+/-123.844 χ^2/NDF : 50.0/38

Out: -459.143+/-121.600 χ^2/NDF : 82.8/41

All: -225.599+/-86.767 χ^2/NDF : 140.3/80

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2/NDF : 688873.3/16

Left Out: 533.216 $\pm$ 0.091 χ^2/NDF : 2029141.0/23

Right Out: 948.947 $\pm$ 0.261 χ^2/NDF : 729378.3/17

Left In: 529.520 $\pm$ 0.093 χ^2/NDF : 1781705.6/21

Left: 531.397 $\pm$ 0.065 χ^2/NDF : 3811657.4/45

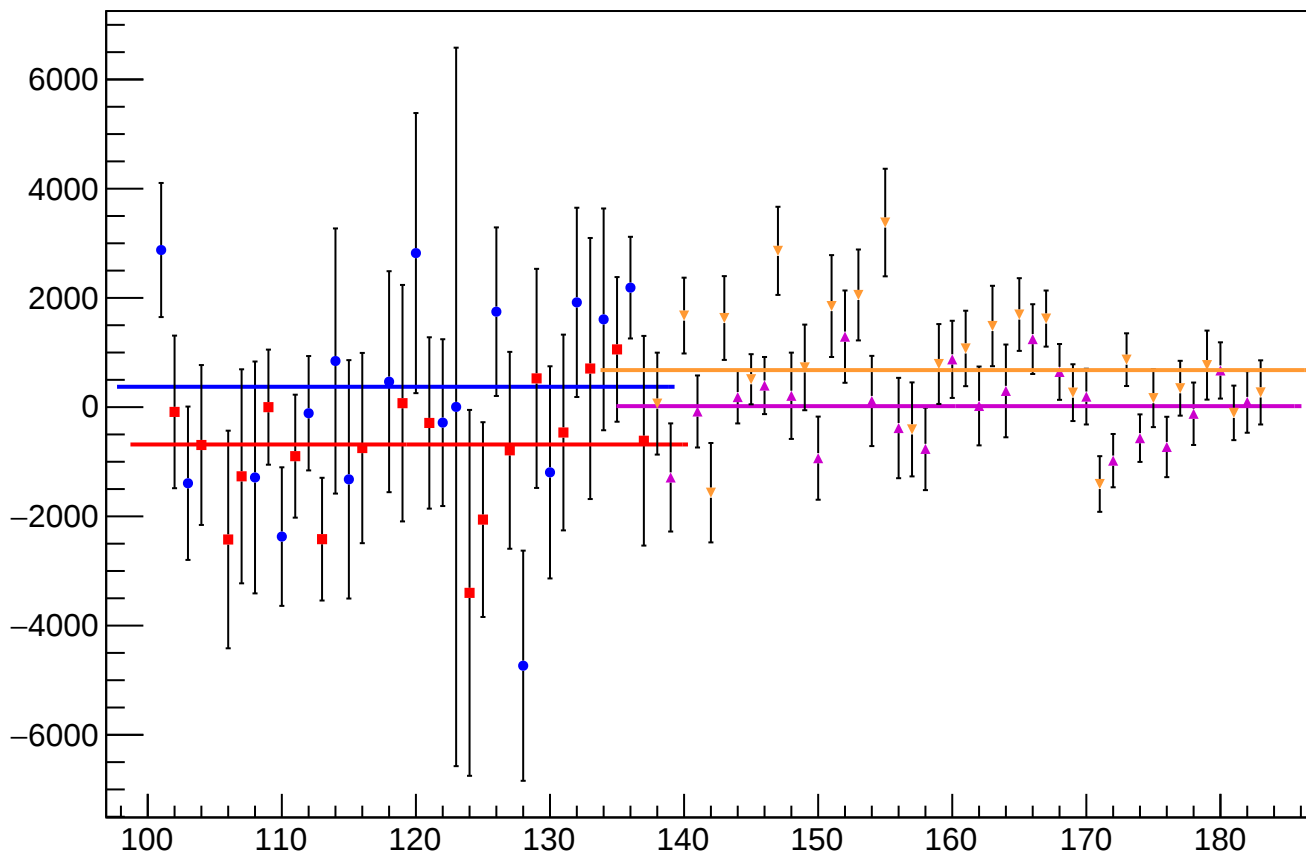
Right: 955.914 $\pm$ 0.188 χ^2/NDF : 1419740.5/34

In: 574.680 $\pm$ 0.088 χ^2/NDF : 4760145.8/38

Out: 578.455 $\pm$ 0.086 χ^2/NDF : 5025536.2/41

All: 576.602 $\pm$ 0.061 χ^2/NDF : 9786628.4/80

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2/NDF : 25.3/16

Left Out: 678.199 $\pm$ 129.480 χ^2/NDF : 60.2/23

Right Out: -683.612 $\pm$ 372.418 χ^2/NDF : 7.8/17

Left In: 18.313 $\pm$ 130.685 χ^2/NDF : 24.0/21

Left: 351.313 $\pm$ 91.979 χ^2/NDF : 97.0/45

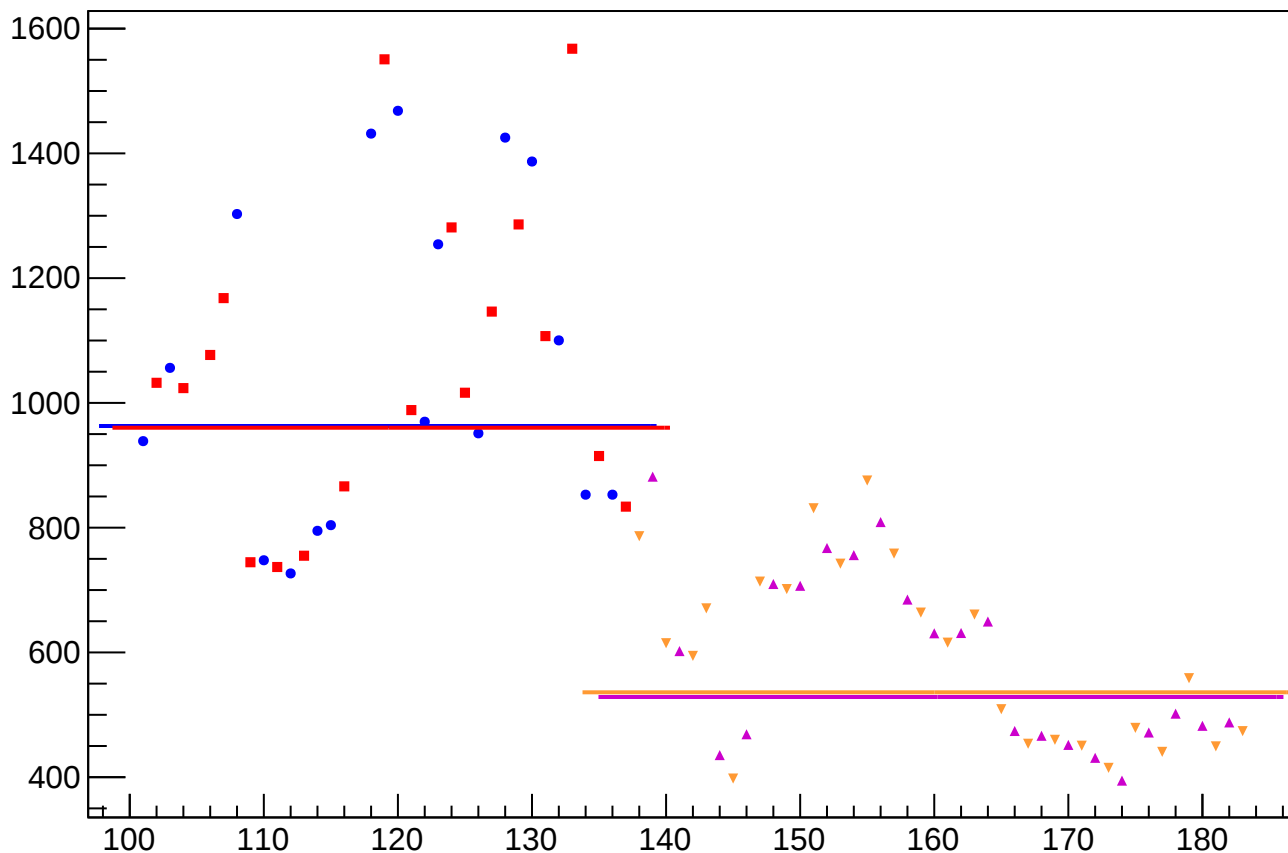
Right: -171.066 $\pm$ 267.226 χ^2/NDF : 36.9/34

In: 55.177 $\pm$ 123.705 χ^2/NDF : 50.0/38

Out: 531.340 $\pm$ 122.299 χ^2/NDF : 79.8/41

All: 295.980 $\pm$ 86.971 χ^2/NDF : 137.3/80

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 536.071 $\pm$ 0.092 χ^2 /NDF: 1906389.3/23

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 528.558 $\pm$ 0.092 χ^2 /NDF: 1711990.3/21

Left: 532.350 $\pm$ 0.065 χ^2 /NDF: 3621715.3/45

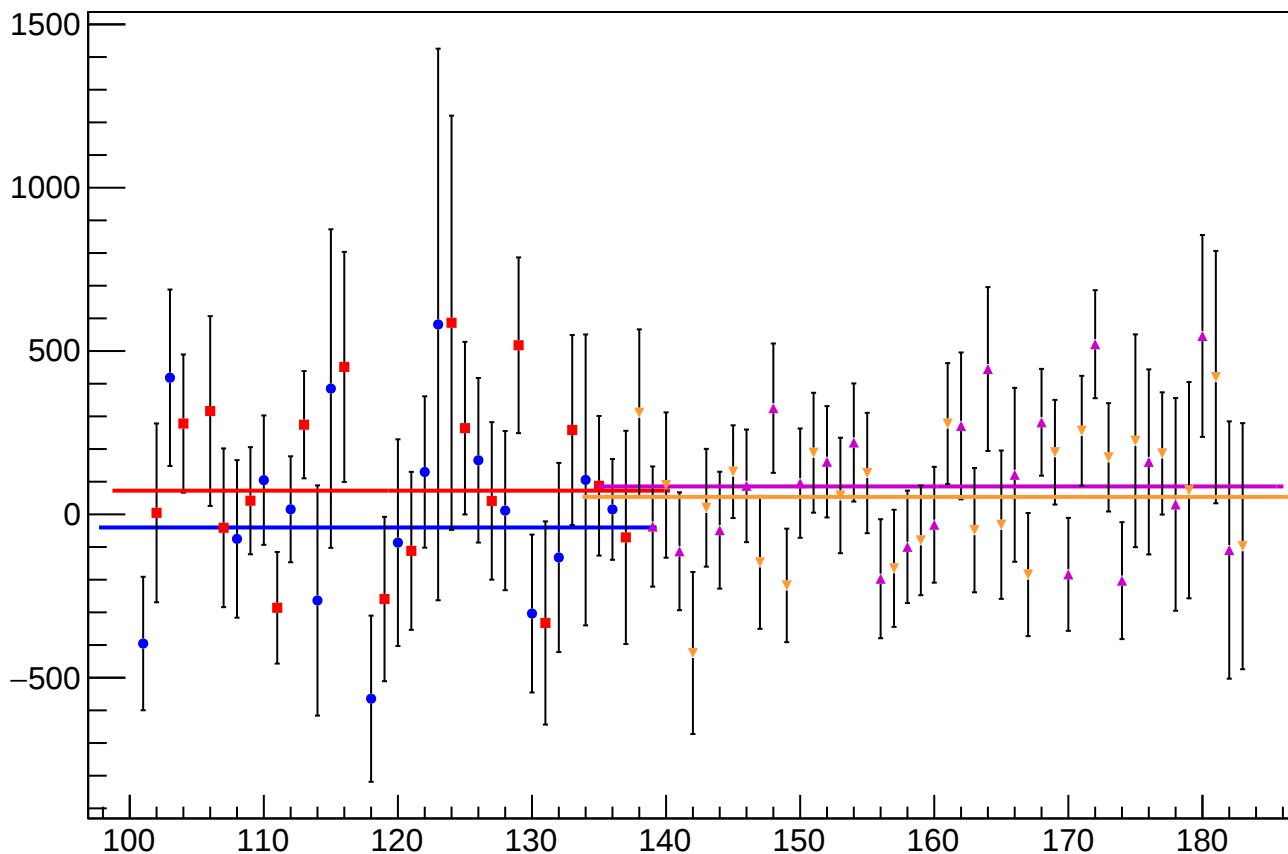
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 573.721 $\pm$ 0.087 χ^2 /NDF: 4677054.0/38

Out: 581.812 $\pm$ 0.086 χ^2 /NDF: 4891821.8/41

All: 577.813 $\pm$ 0.061 χ^2 /NDF: 9573202.2/80

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 53.460 ± 40.064 $\chi^2/\text{NDF}: 19.4/23$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 85.497 ± 41.723 $\chi^2/\text{NDF}: 27.2/21$

Left: 68.829 ± 28.898 $\chi^2/\text{NDF}: 46.8/45$

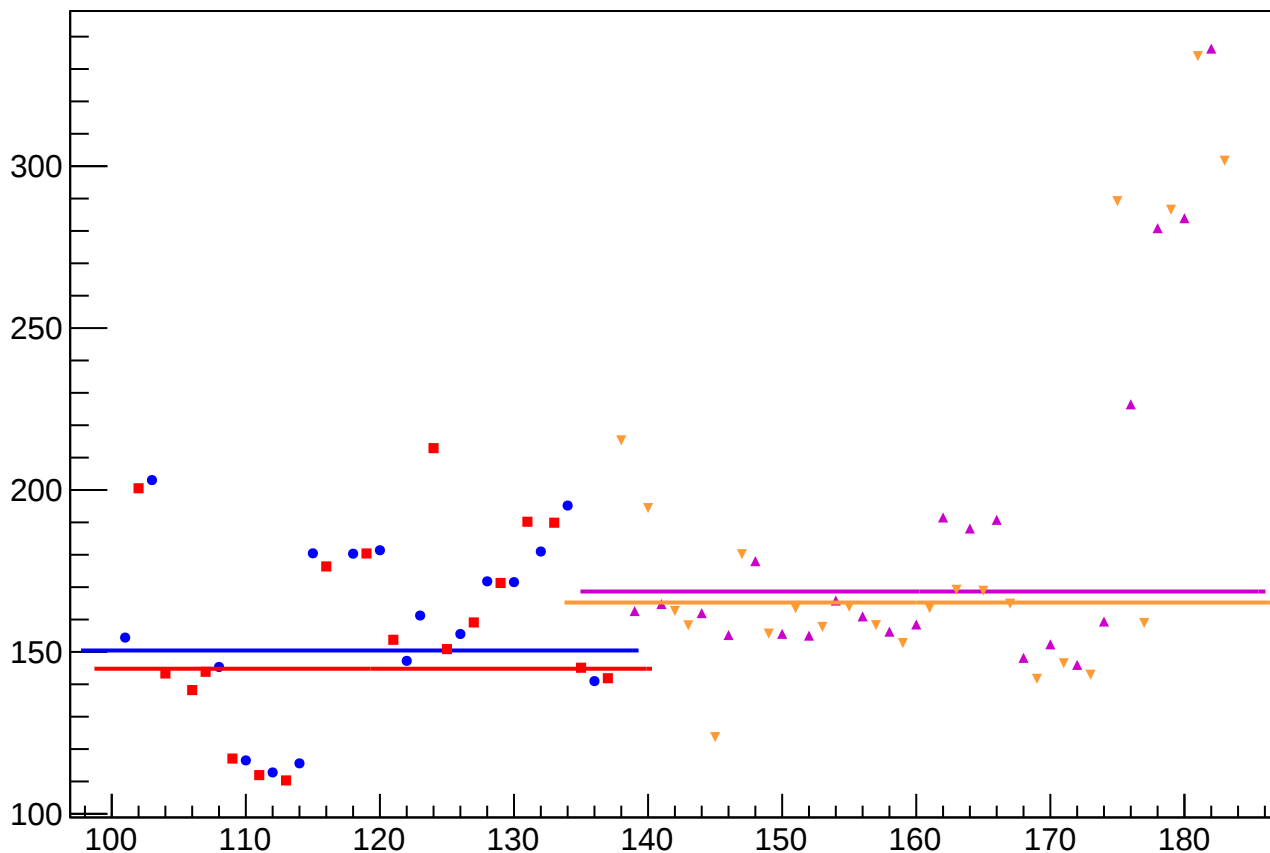
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 43.860 ± 34.115 $\chi^2/\text{NDF}: 45.5/38$

Out: 59.895 ± 32.645 $\chi^2/\text{NDF}: 37.0/41$

All: 52.230 ± 23.586 $\chi^2/\text{NDF}: 82.6/80$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 165.252 $\pm$ 0.028 χ^2 /NDF:1630838.0/23

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 168.654 $\pm$ 0.030 χ^2 /NDF:1168694.1/21

Left: 166.884 $\pm$ 0.020 χ^2 /NDF: 2806449.4/45

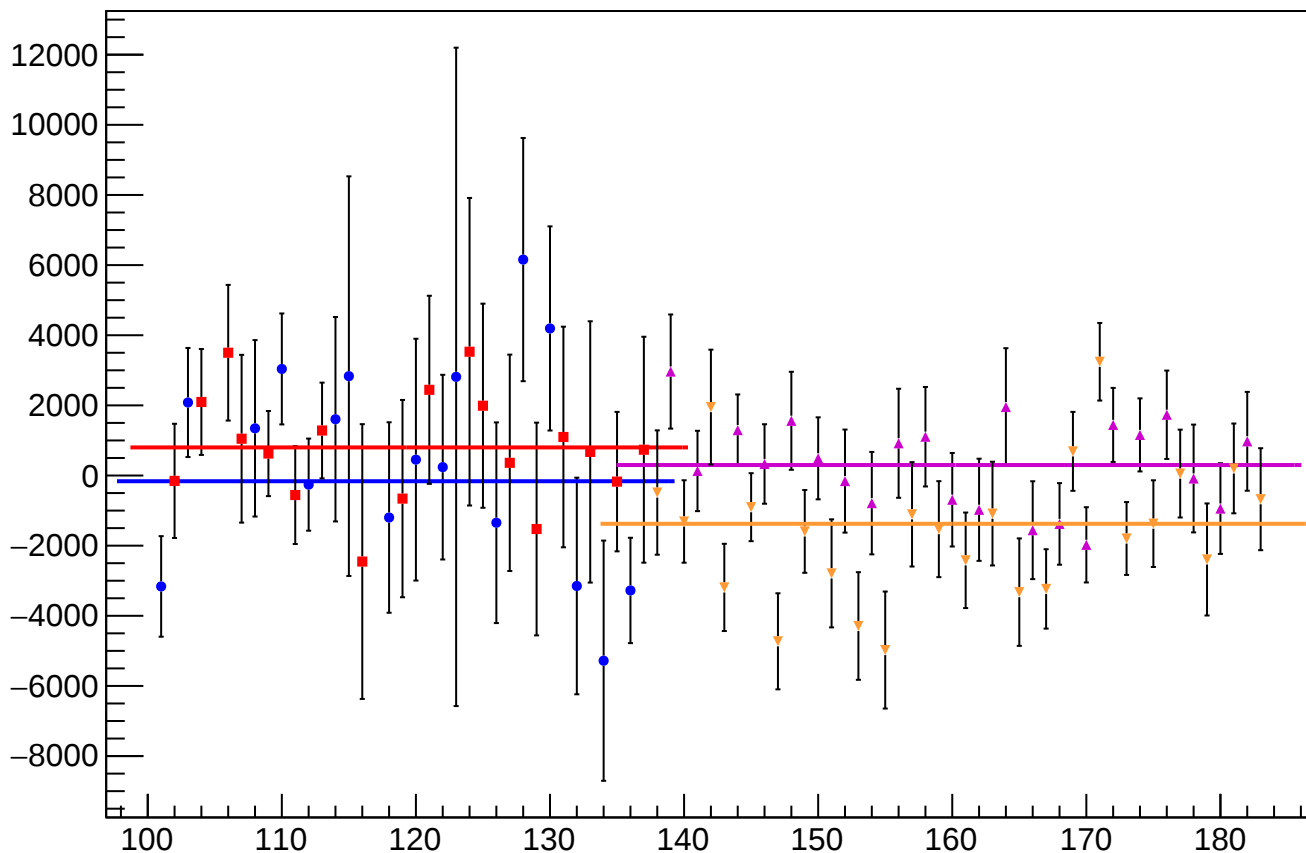
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 162.618 $\pm$ 0.024 χ^2 /NDF:1695126.3/38

Out: 158.382 $\pm$ 0.023 χ^2 /NDF:2309735.1/41

All: 160.406 $\pm$ 0.017 χ^2 /NDF: 4020959.1/80

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: -1376.631 $\pm$ 266.585 χ^2 /NDF:51.3/23

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 298.908 $\pm$ 272.603 χ^2 /NDF:20.6/21

Left: -557.561 $\pm$ 190.596 χ^2 /NDF: 91.3/45

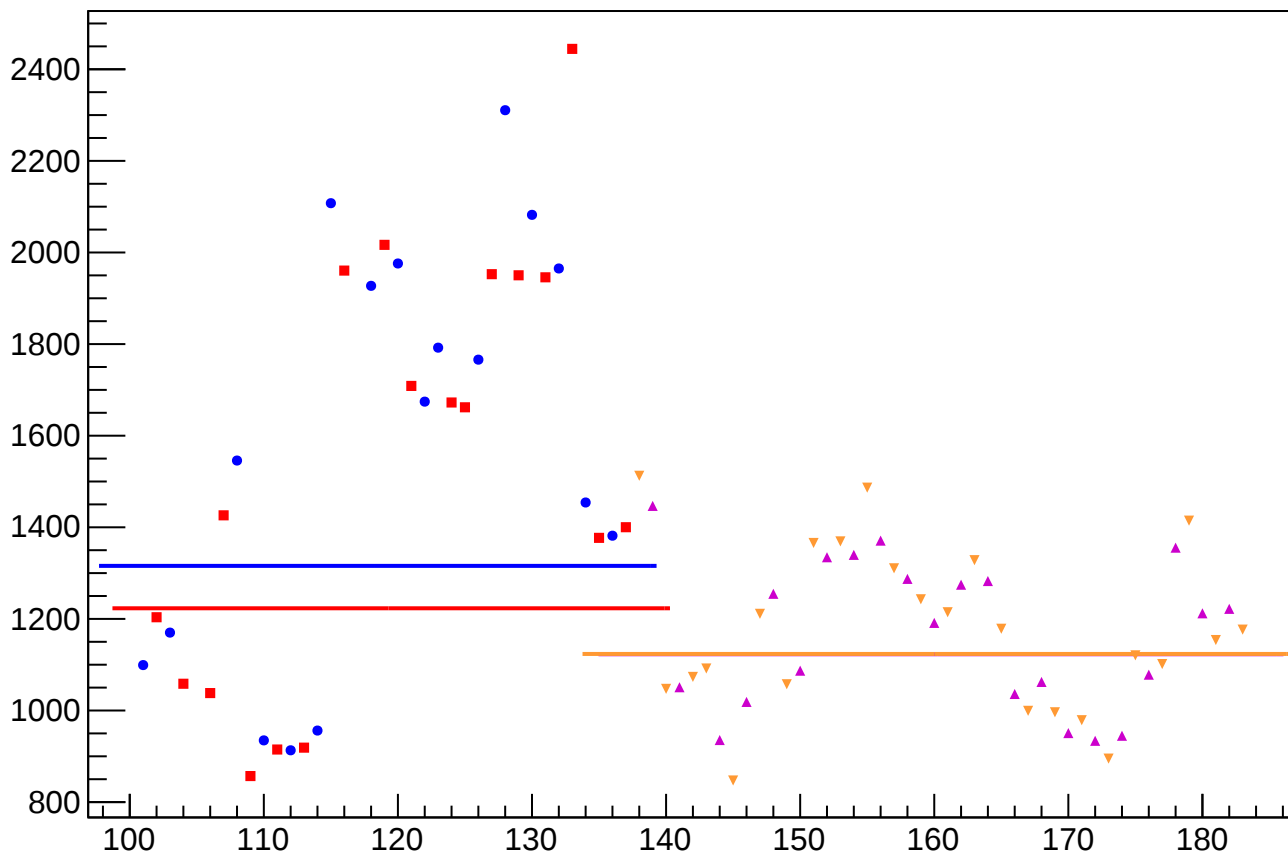
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 203.221 $\pm$ 242.717 χ^2 /NDF:46.3/38

Out: -873.902 $\pm$ 233.799 χ^2 /NDF:73.6/41

All: -355.493 $\pm$ 168.385 χ^2 /NDF: 130.1/80

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1123.480+/-0.189 χ^2/NDF : 828409.5/23

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1122.787+/-0.193 χ^2/NDF : 655203.5/21

Left: 1123.141+/-0.135 χ^2/NDF : 1483619.6/45

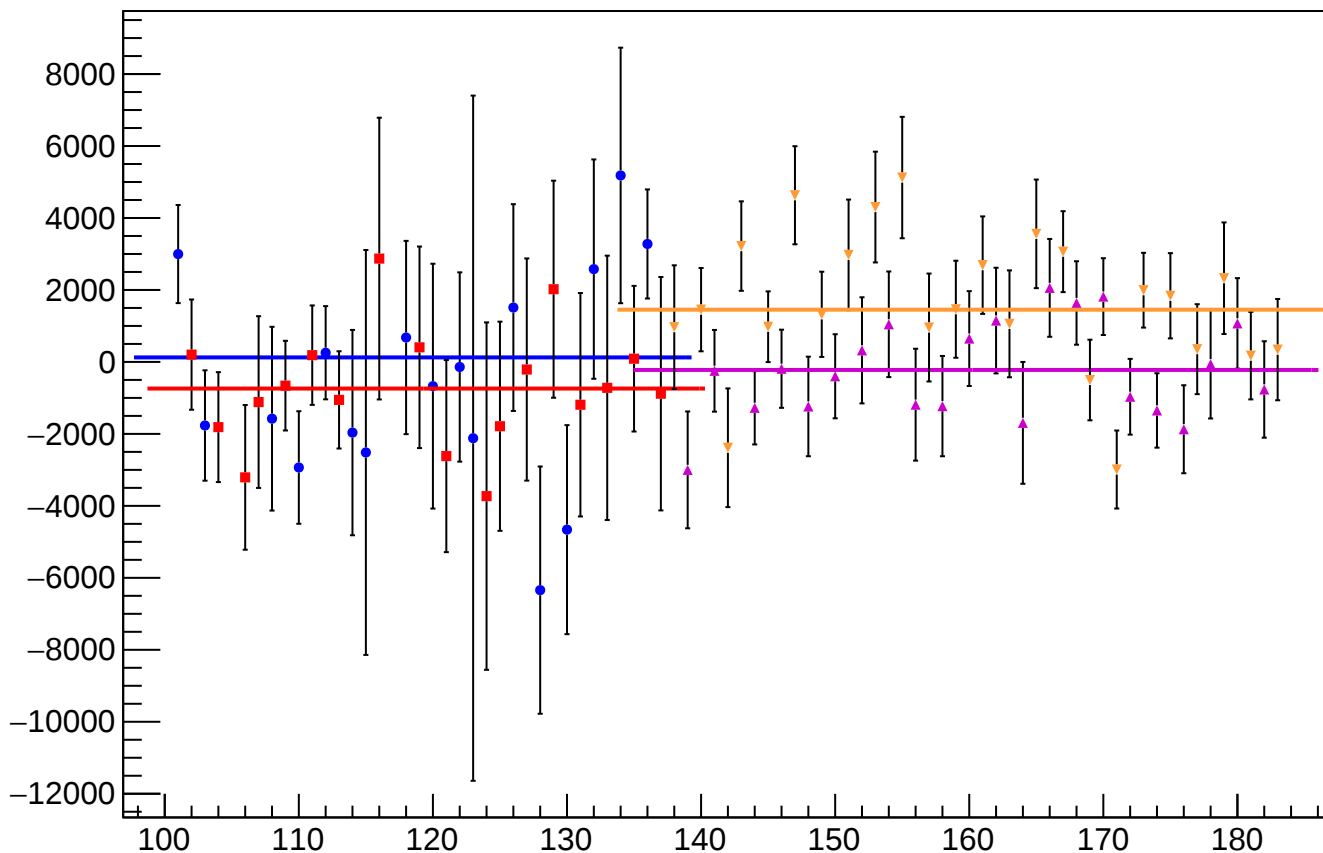
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1162.784+/-0.172 χ^2/NDF : 1981305.5/38

Out: 1146.495+/-0.165 χ^2/NDF : 2256039.4/41

All: 1154.334+/-0.119 χ^2/NDF : 4242017.5/80

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1451.591 ± 264.177 $\chi^2/\text{NDF}: 50.4/23$

Right Out: -739.954 ± 486.808 $\chi^2/\text{NDF}: 6.0/17$

Left In: -223.108 ± 269.563 $\chi^2/\text{NDF}: 22.2/21$

Left: 631.140 ± 188.677 $\chi^2/\text{NDF}: 92.3/45$

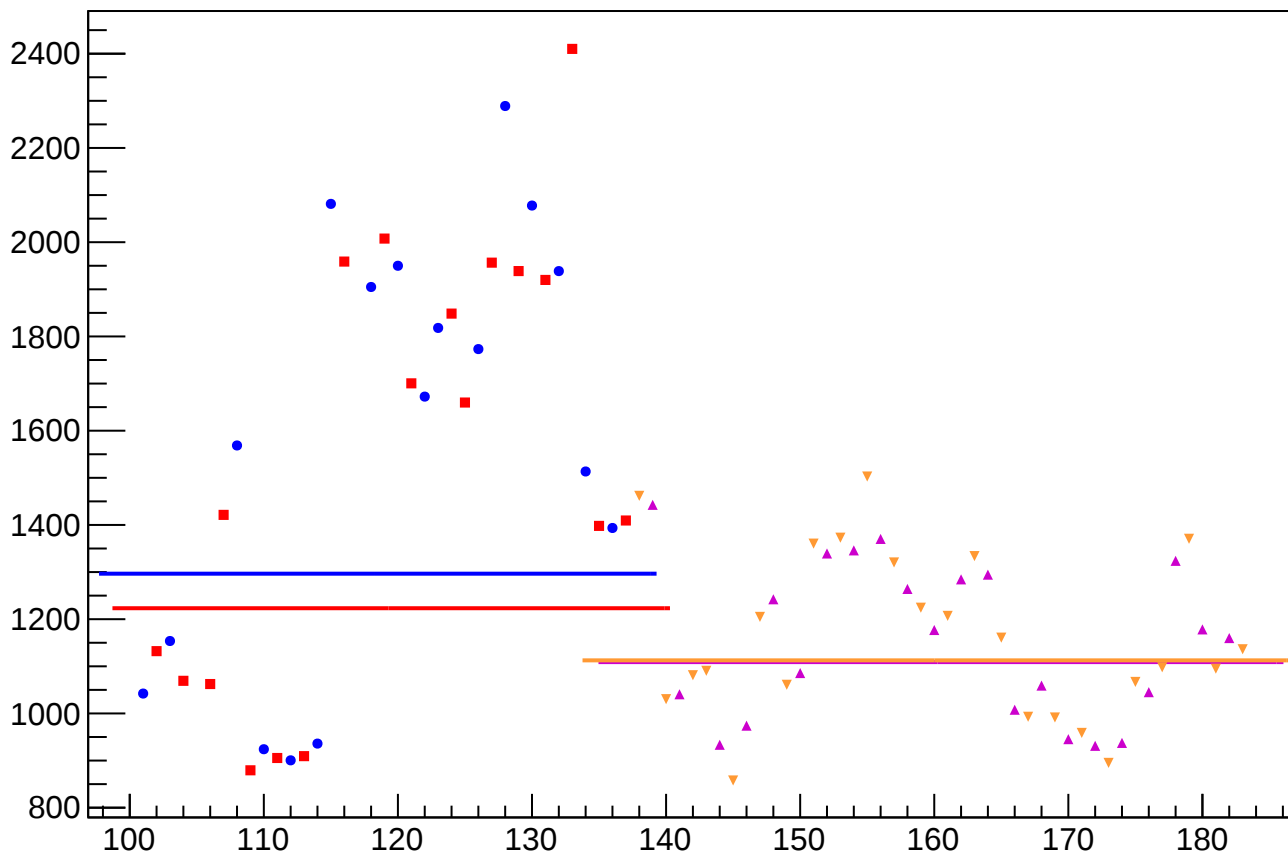
Right: -341.379 ± 357.529 $\chi^2/\text{NDF}: 32.1/34$

In: -150.797 ± 239.971 $\chi^2/\text{NDF}: 47.2/38$

Out: 953.023 ± 232.191 $\chi^2/\text{NDF}: 72.1/41$

All: 419.298 ± 166.866 $\chi^2/\text{NDF}: 130.2/80$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.640 $\pm$ 0.187 χ^2 /NDF: 799599.6/23

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1108.951 $\pm$ 0.191 χ^2 /NDF: 670420.0/21

Left: 1110.833 $\pm$ 0.133 χ^2 /NDF: 1470210.7/45

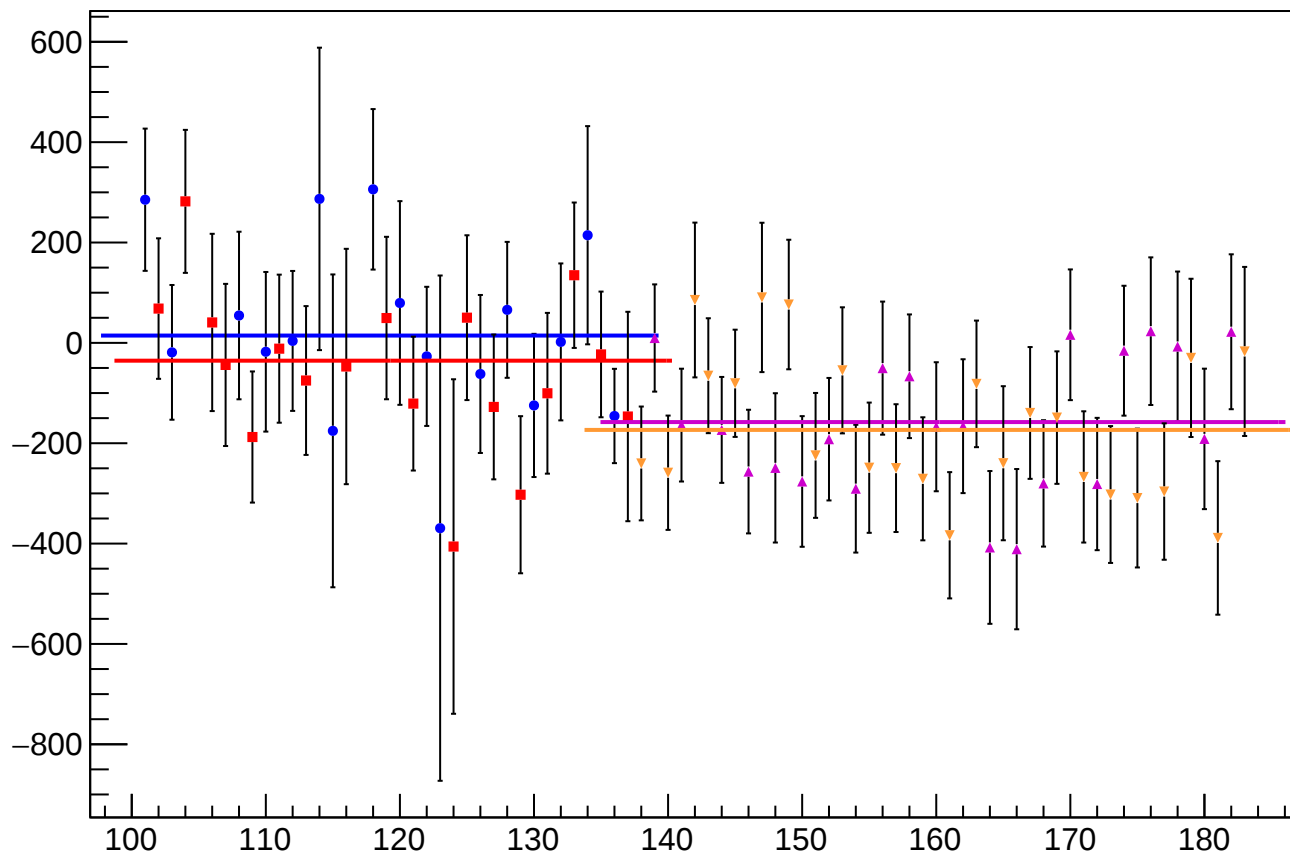
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1147.884 $\pm$ 0.170 χ^2 /NDF: 2046934.0/38

Out: 1137.809 $\pm$ 0.164 χ^2 /NDF: 2226088.3/41

All: 1142.680 $\pm$ 0.118 χ^2 /NDF: 4274843.0/80

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: -173.465 ± 26.708 $\chi^2/\text{NDF}: 25.1/23$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -157.837 ± 27.732 $\chi^2/\text{NDF}: 20.7/21$

Left: -165.945 ± 19.237 $\chi^2/\text{NDF}: 45.9/45$

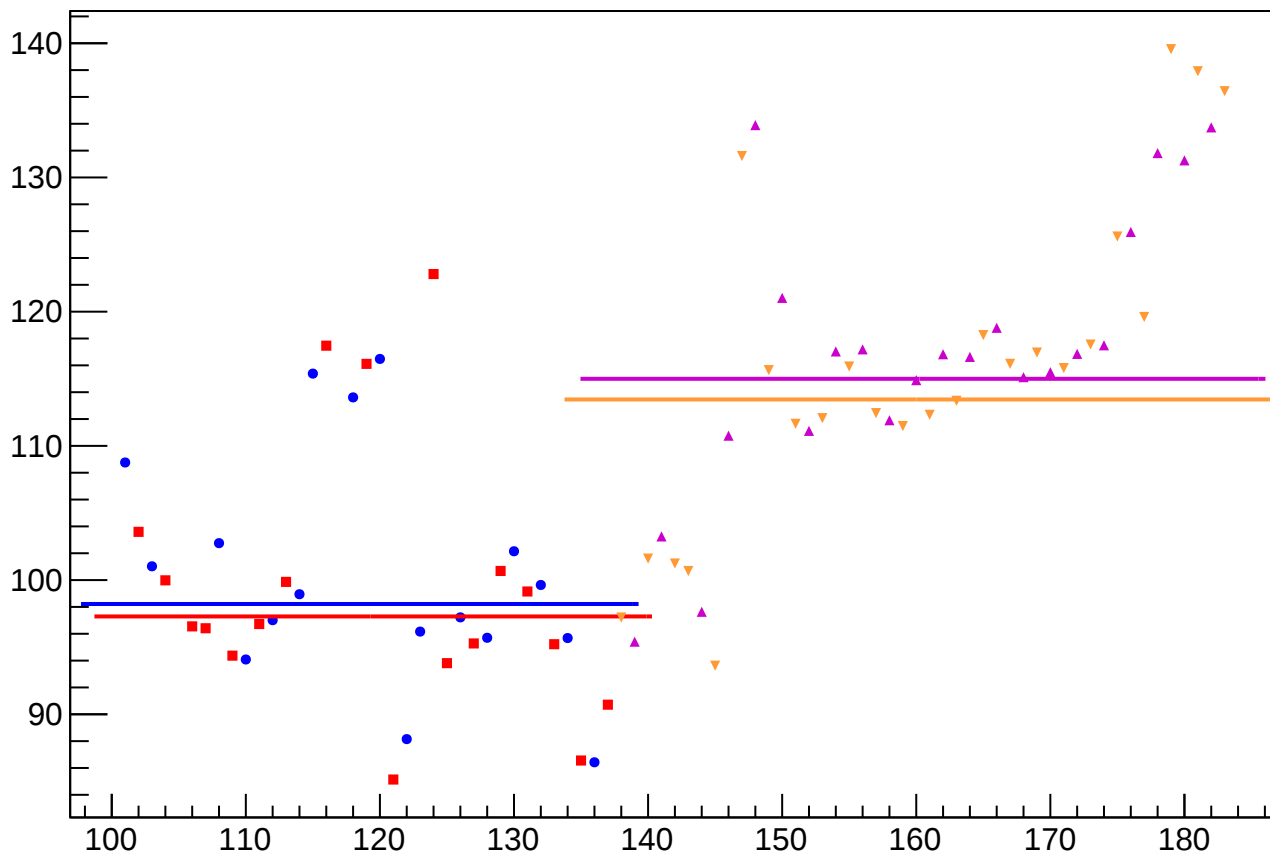
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -97.955 ± 22.405 $\chi^2/\text{NDF}: 48.3/38$

Out: -125.736 ± 21.601 $\chi^2/\text{NDF}: 48.9/41$

All: -112.353 ± 15.550 $\chi^2/\text{NDF}: 97.9/80$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219 $\pm$ 0.027 χ^2 /NDF: 100510.4/16

Left Out: 113.459 $\pm$ 0.019 χ^2 /NDF: 370817.2/23

Right Out: 97.290 $\pm$ 0.026 χ^2 /NDF: 96216.6/17

Left In: 114.997 $\pm$ 0.020 χ^2 /NDF: 282197.4/21

Left: 114.199 $\pm$ 0.014 χ^2 /NDF: 656207.0/45

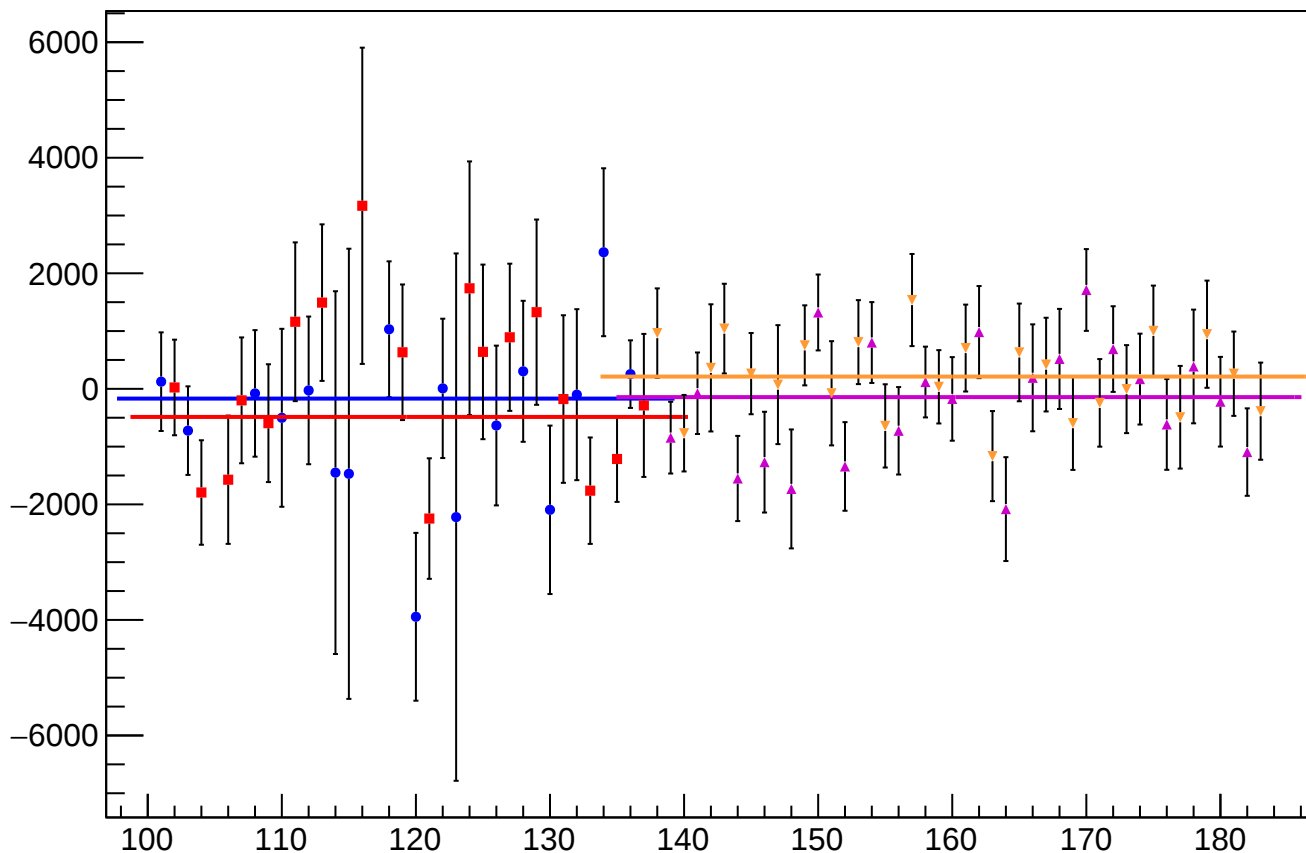
Right: 97.739 $\pm$ 0.019 χ^2 /NDF: 197344.2/34

In: 109.170 $\pm$ 0.016 χ^2 /NDF: 636960.6/38

Out: 107.866 $\pm$ 0.015 χ^2 /NDF: 720560.2/41

All: 108.494 $\pm$ 0.011 χ^2 /NDF: 1361029.4/80

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 212.214 $\pm$ 159.605 χ^2 /NDF:18.0/23

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -143.274 $\pm$ 162.467 χ^2 /NDF:36.9/21

Left: 37.629 $\pm$ 113.856 χ^2 /NDF: 57.3/45

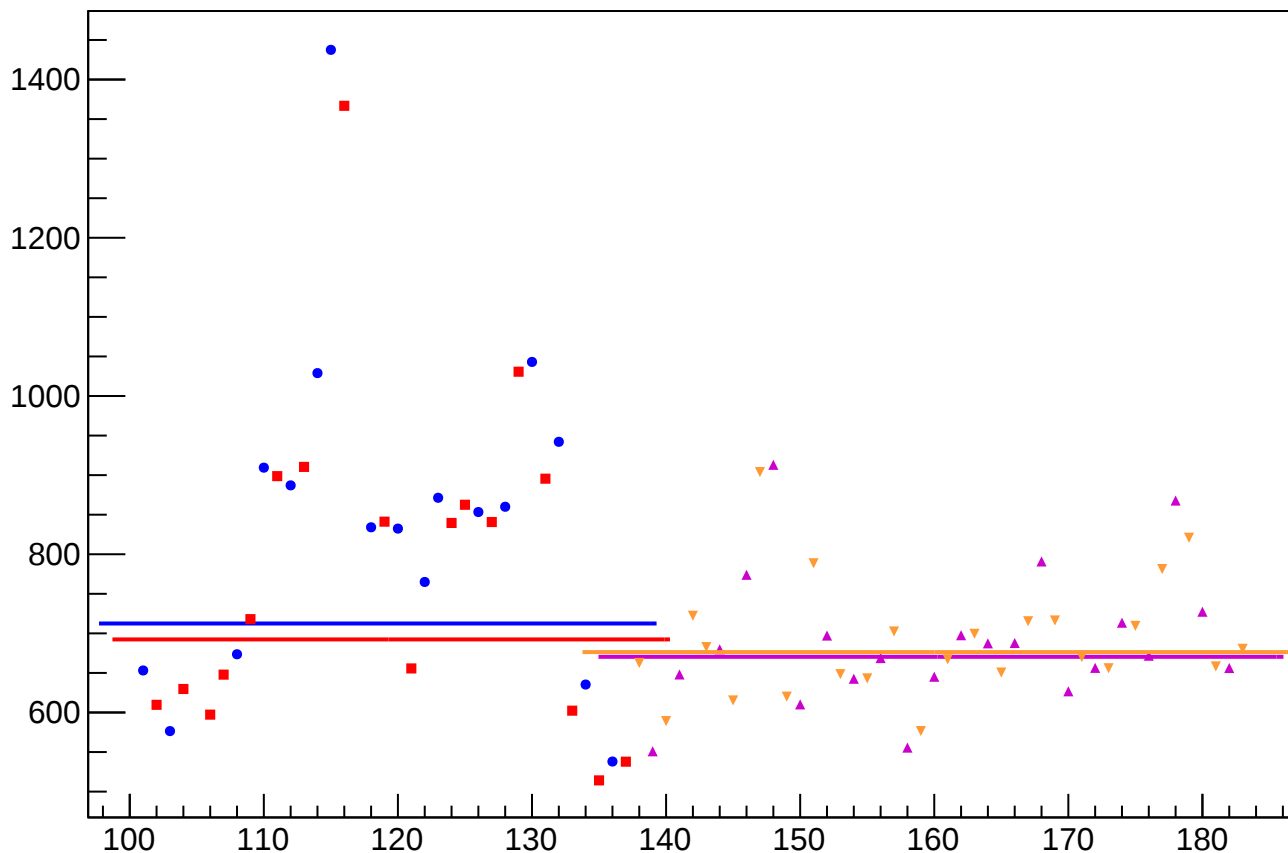
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -149.630 $\pm$ 140.797 χ^2 /NDF:51.5/38

Out: 29.341 $\pm$ 137.130 χ^2 /NDF:42.6/41

All: -57.783 $\pm$ 98.237 χ^2 /NDF: 94.9/80

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 ± 0.200 χ^2/NDF : 660520.6/16

Left Out: 676.348 ± 0.113 χ^2/NDF : 351081.1/23

Right Out: 692.342 ± 0.190 χ^2/NDF : 656953.1/17

Left In: 670.368 ± 0.115 χ^2/NDF : 459494.0/21

Left: 673.411 ± 0.081 χ^2/NDF : 811953.8/45

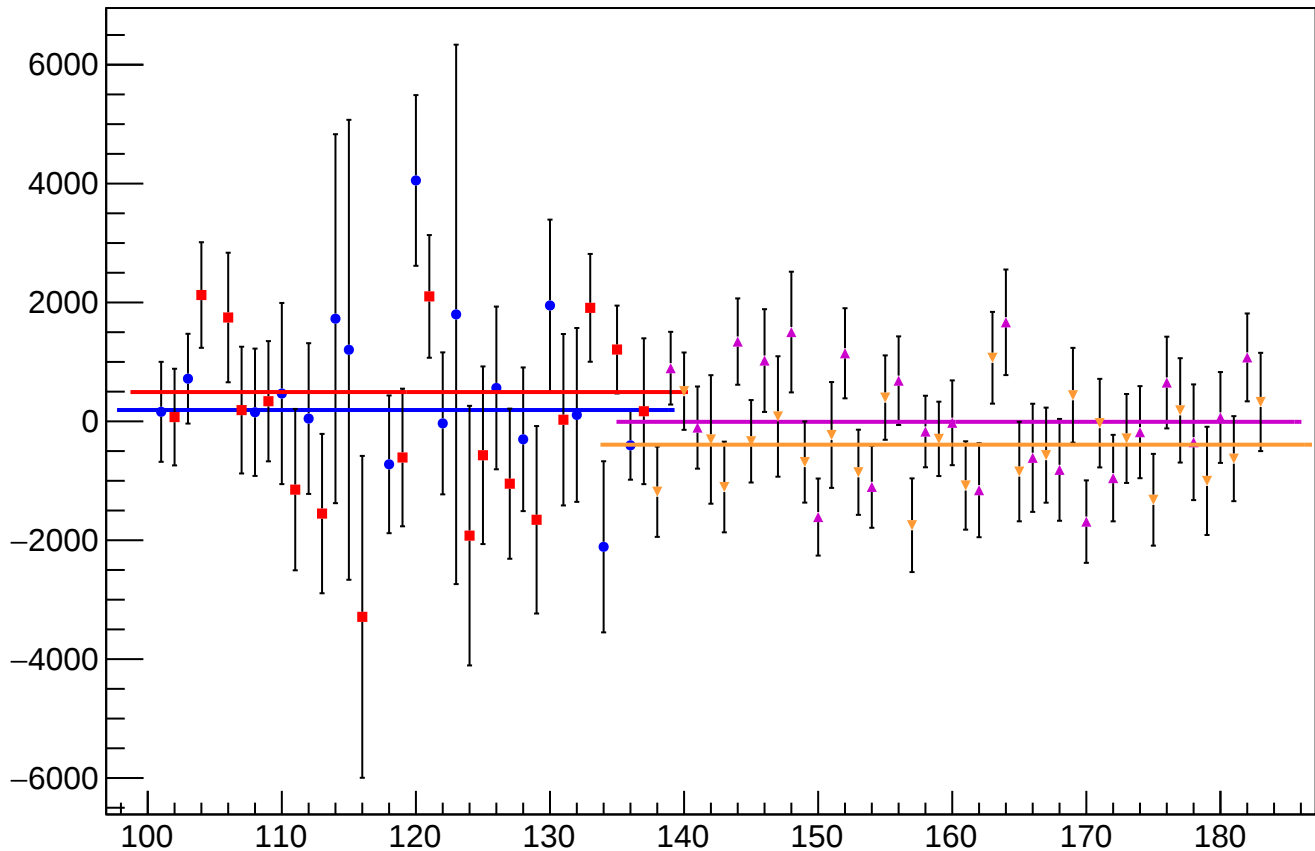
Right: 701.891 ± 0.137 χ^2/NDF : 1322826.7/34

In: 680.852 ± 0.100 χ^2/NDF : 1153461.9/38

Out: 680.535 ± 0.097 χ^2/NDF : 1013292.3/41

All: 680.689 ± 0.069 χ^2/NDF : 2166759.4/80

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2/NDF : 14.2/16

Left Out: -392.404 $\pm$ 157.190 χ^2/NDF :18.3/23

Right Out: 492.784 $\pm$ 264.629 χ^2/NDF : 22.8/17

Left In: -7.885 $\pm$ 159.966 χ^2/NDF :38.8/21

Left: -203.509 $\pm$ 112.119 χ^2/NDF : 60.0/45

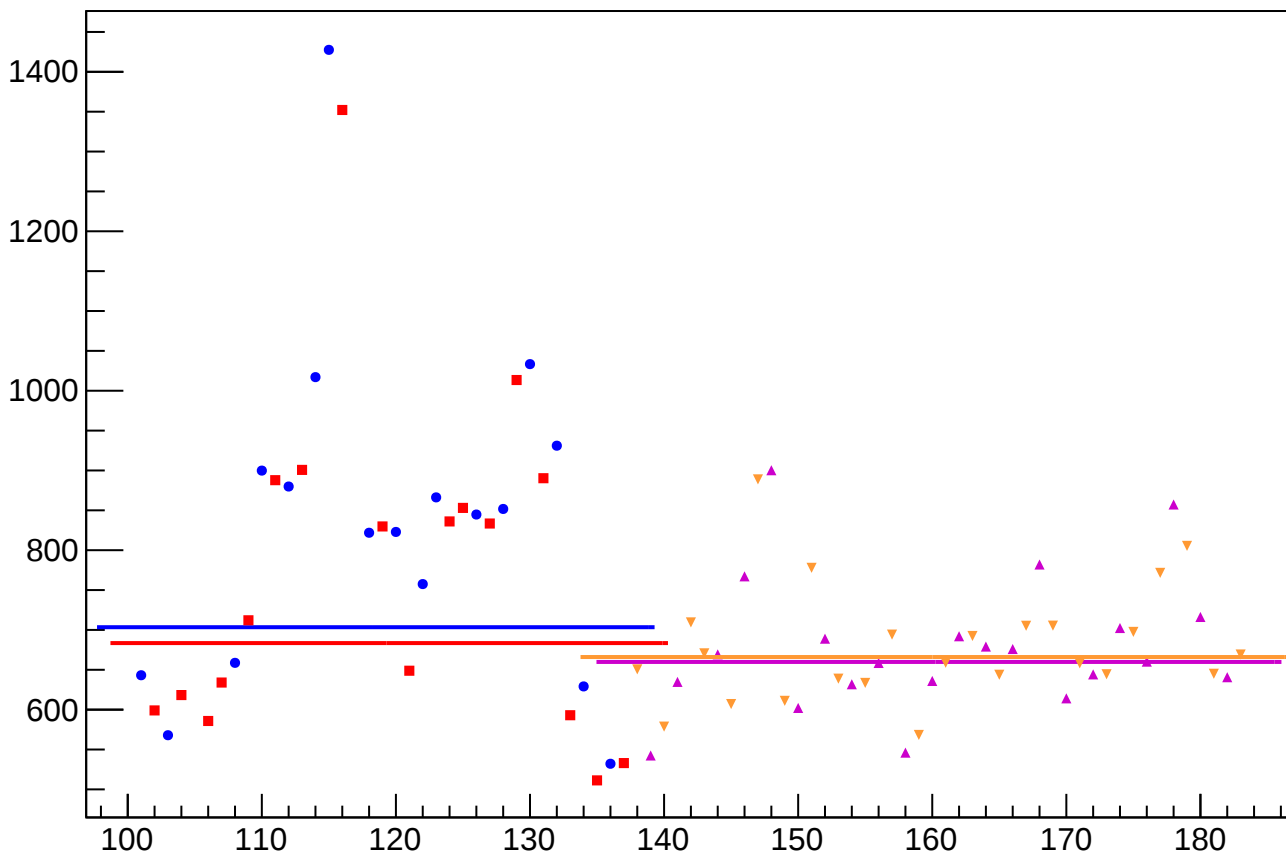
Right: 349.629 $\pm$ 191.893 χ^2/NDF : 37.6/34

In: 41.378 $\pm$ 138.733 χ^2/NDF :53.4/38

Out: -161.536 $\pm$ 135.146 χ^2/NDF :49.3/41

All: -62.736 $\pm$ 96.806 χ^2/NDF : 103.8/80

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406+/-0.197 χ^2/NDF : 666885.8/16

Left Out: 666.001+/-0.111 χ^2/NDF : 350746.8/23

Right Out: 683.493+/-0.187 χ^2/NDF : 659356.0/17

Left In: 659.840+/-0.113 χ^2/NDF : 471155.7/21

Left: 662.974+/-0.079 χ^2/NDF : 823412.1/45

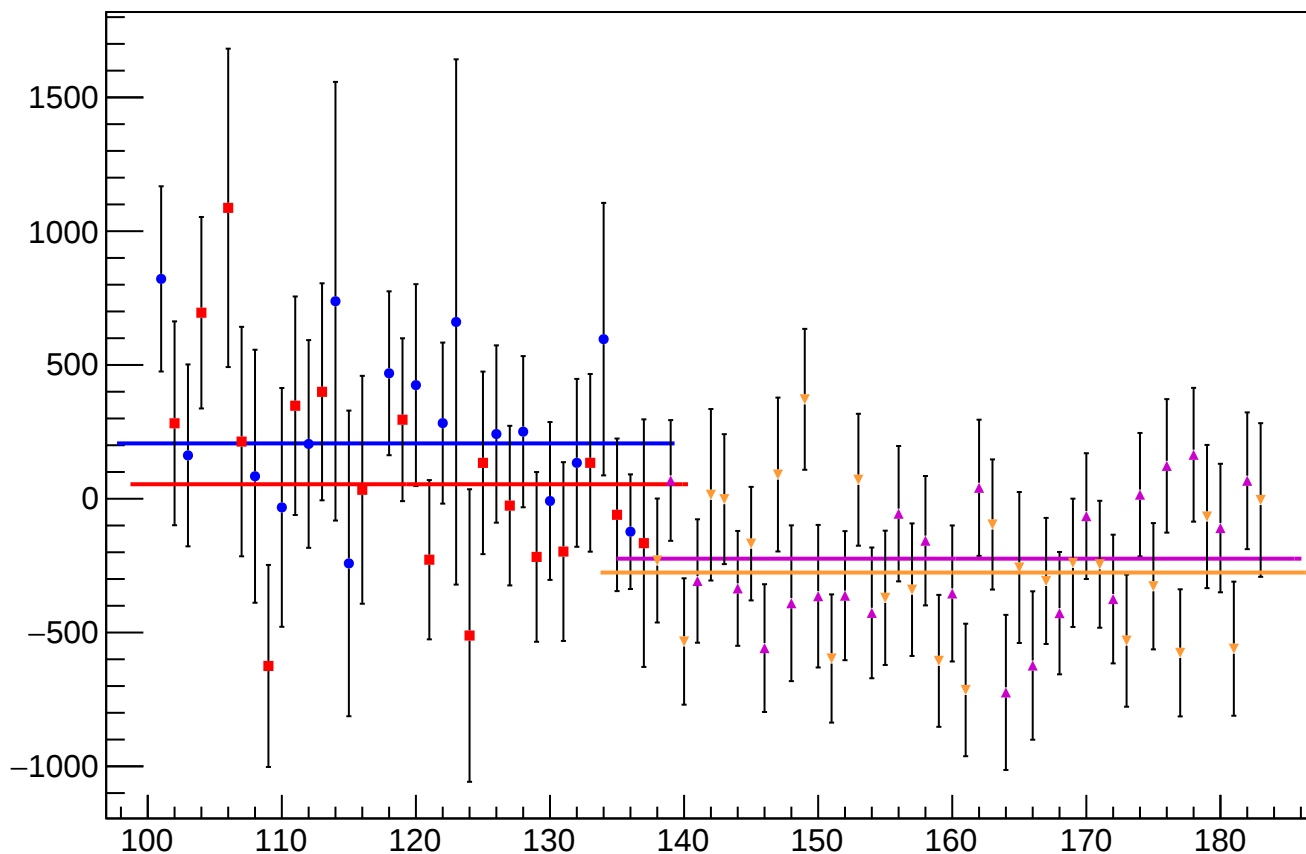
Right: 692.935+/-0.136 χ^2/NDF : 1331611.8/34

In: 670.637+/-0.098 χ^2/NDF : 1174808.8/38

Out: 670.563+/-0.096 χ^2/NDF : 1016561.8/41

All: 670.599+/-0.068 χ^2/NDF : 2191370.9/80

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -275.772 ± 50.797 χ^2/NDF : 26.3/23

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -223.931 ± 52.407 χ^2/NDF : 21.2/21

Left: -250.660 ± 36.475 χ^2/NDF : 47.9/45

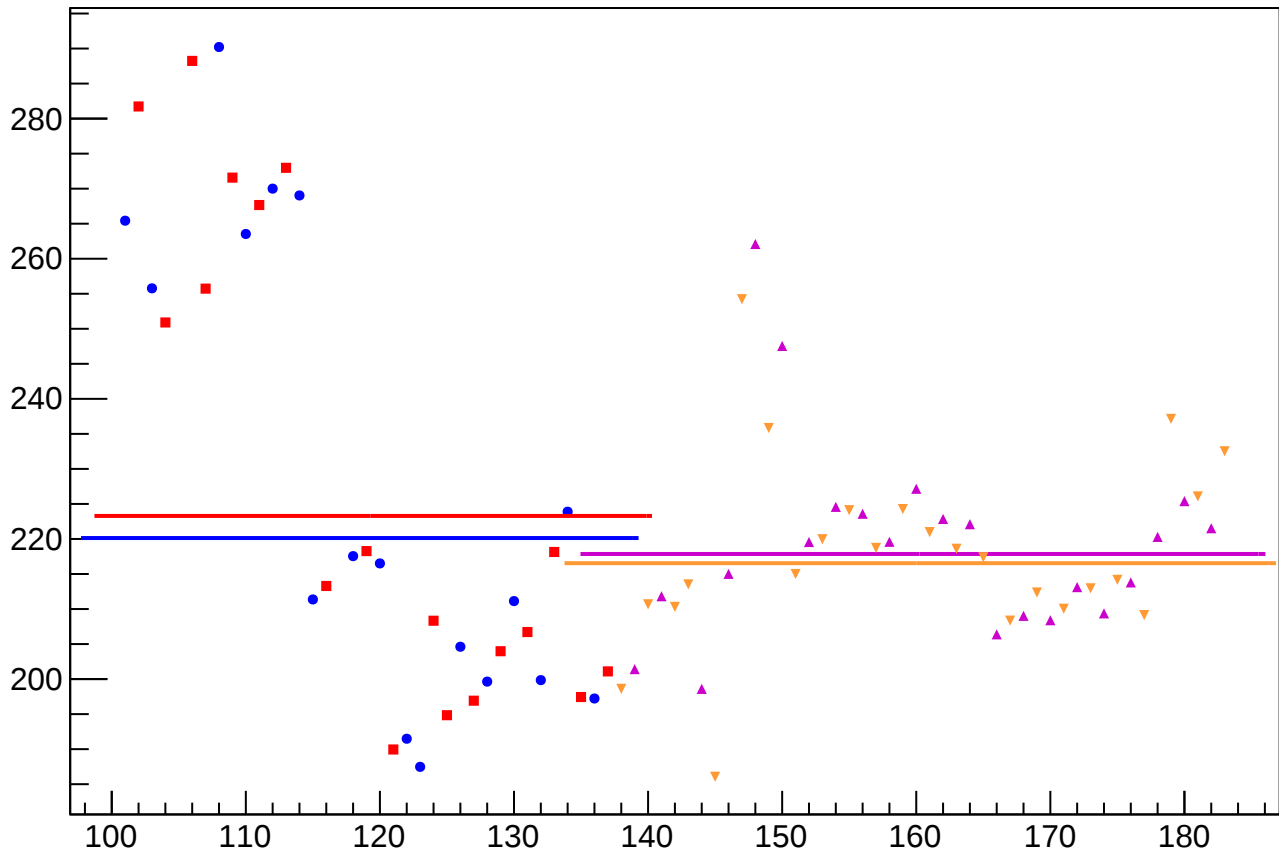
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -106.542 ± 44.700 χ^2/NDF : 49.1/38

Out: -189.230 ± 43.630 χ^2/NDF : 53.0/41

All: -148.888 ± 31.222 χ^2/NDF : 103.8/80

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 216.545 ± 0.036 $\chi^2/\text{NDF}: 133887.2/23$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 217.859 ± 0.037 $\chi^2/\text{NDF}: 122241.8/21$

Left: 217.181 ± 0.026 $\chi^2/\text{NDF}: 256777.1/45$

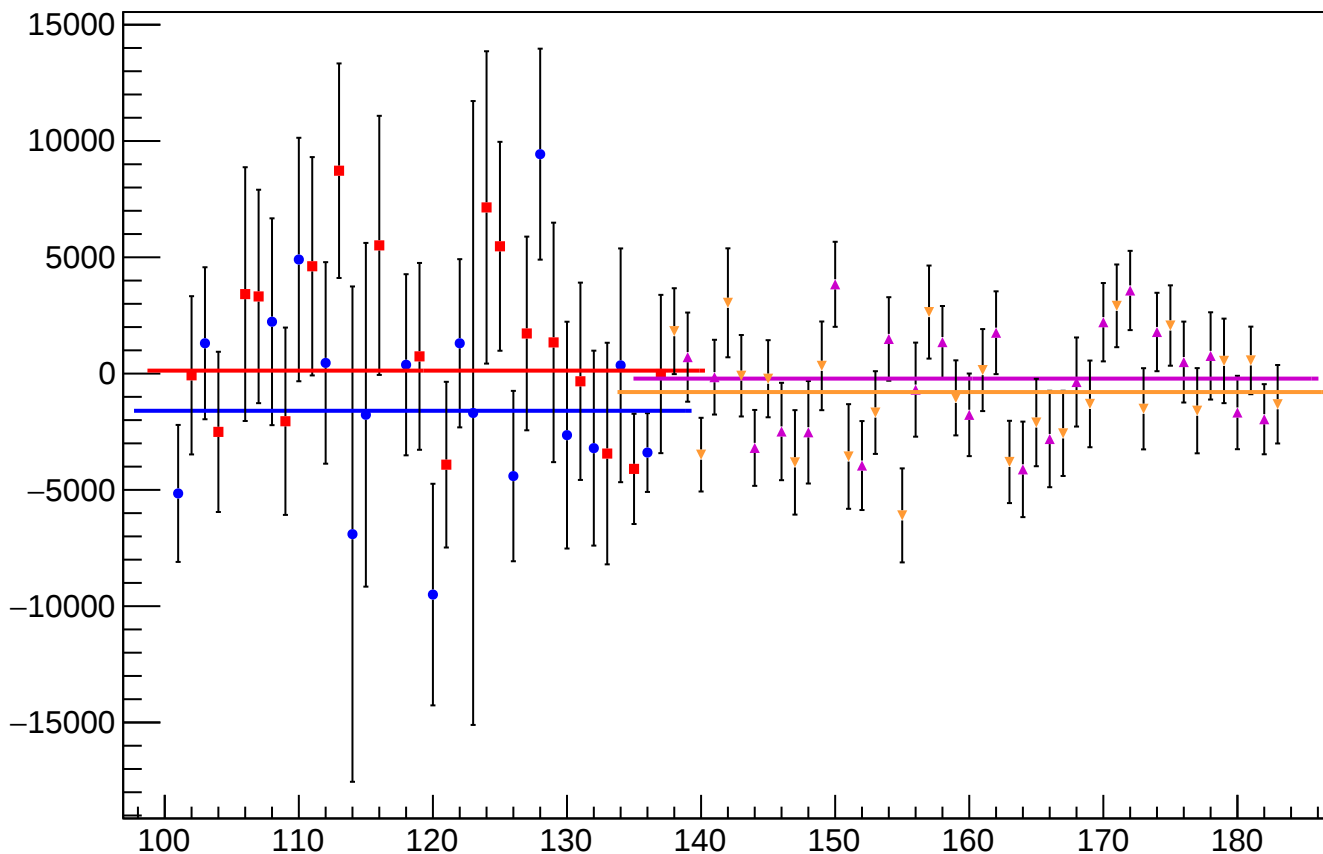
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 218.478 ± 0.032 $\chi^2/\text{NDF}: 351712.1/38$

Out: 218.313 ± 0.031 $\chi^2/\text{NDF}: 415384.9/41$

All: 218.394 ± 0.022 $\chi^2/\text{NDF}: 767110.9/80$

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: -793.698 $\pm$ 368.971 χ^2 /NDF:35.3/23

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -215.535 $\pm$ 380.908 χ^2 /NDF:34.8/21

Left: -513.818 $\pm$ 265.022 χ^2 /NDF: 71.3/45

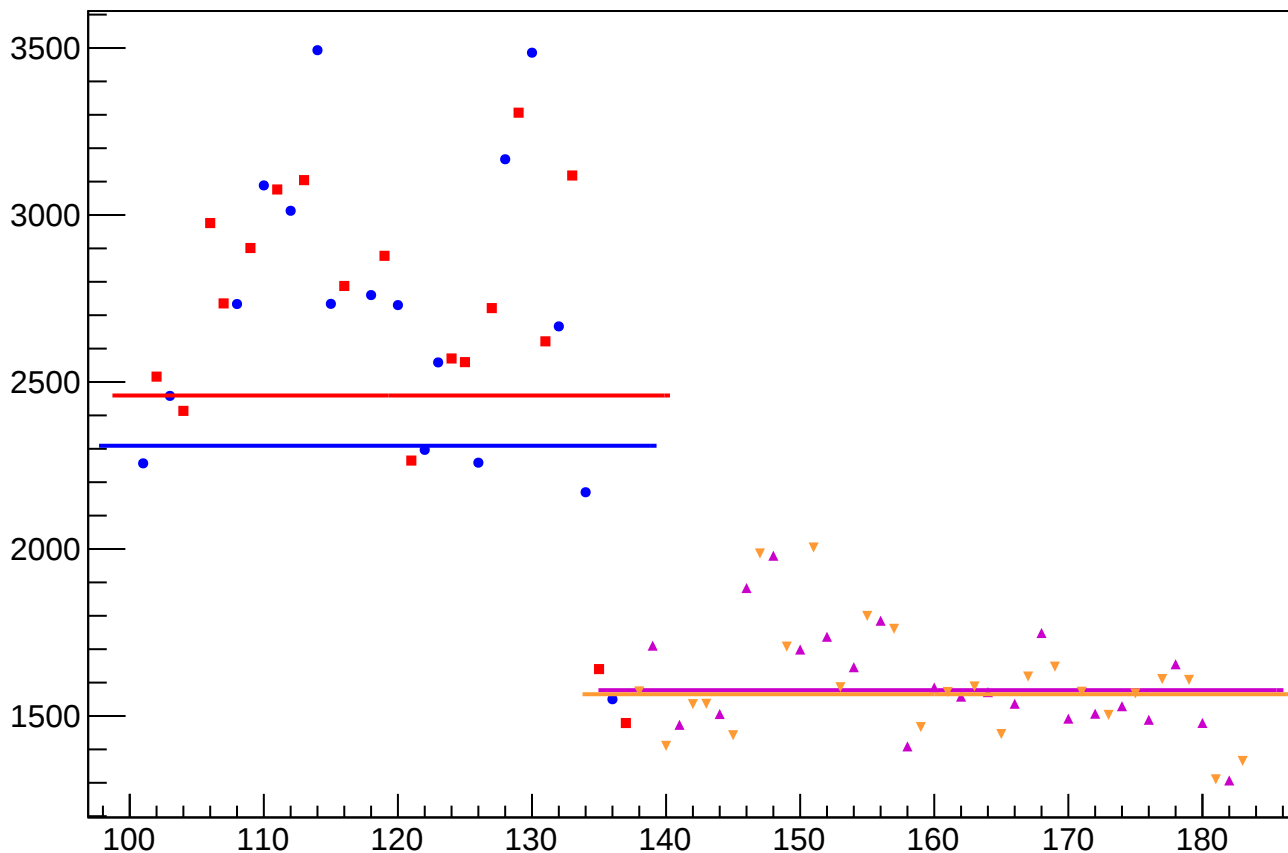
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -417.602 $\pm$ 351.995 χ^2 /NDF:53.4/38

Out: -672.718 $\pm$ 343.897 χ^2 /NDF:50.9/41

All: -548.128 $\pm$ 245.985 χ^2 /NDF: 104.6/80

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: 1565.153 $\pm$ 0.261 χ^2 /NDF:351109.3/23

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1577.349 $\pm$ 0.269 χ^2 /NDF:309576.7/21

Left: 1571.057 $\pm$ 0.187 χ^2 /NDF: 661743.7/45

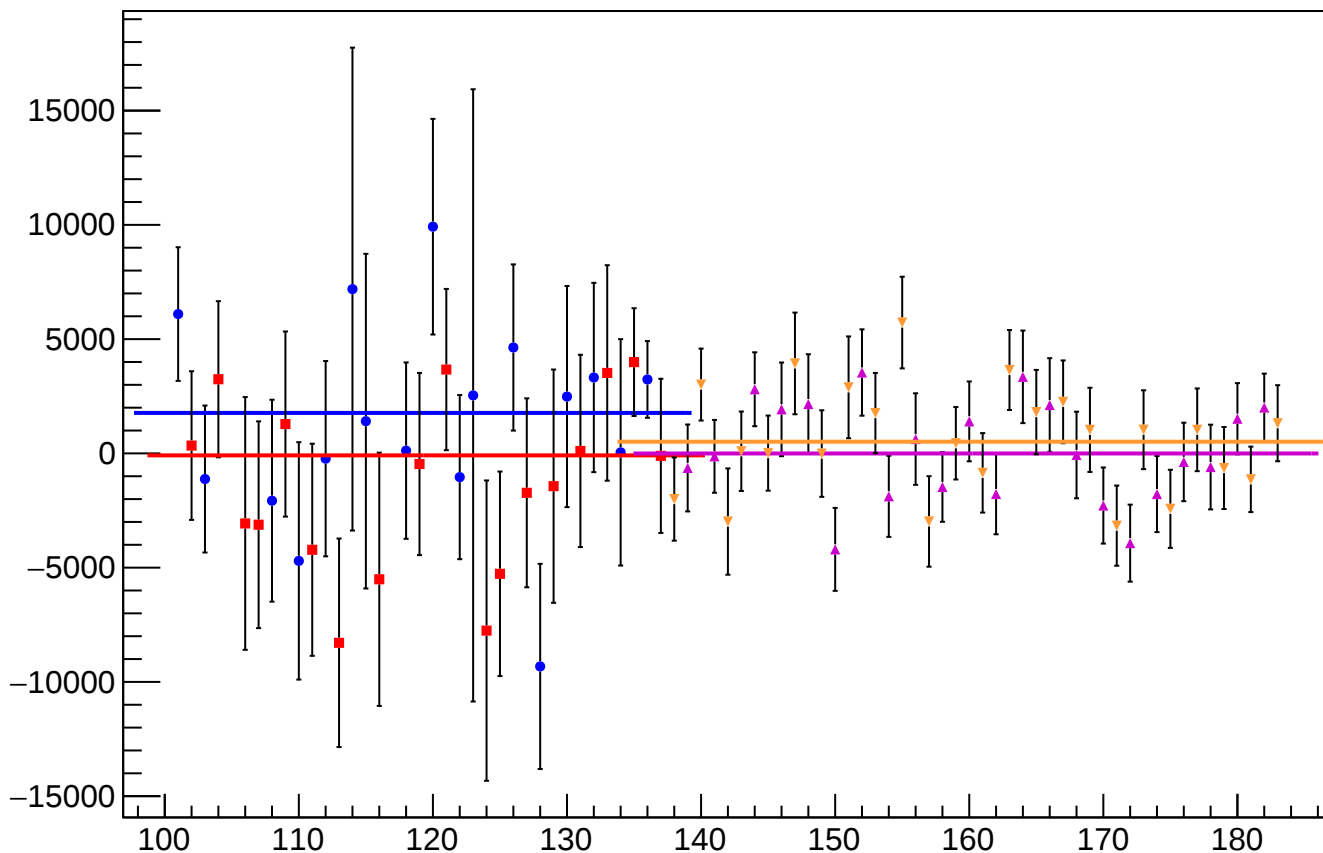
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1684.229 $\pm$ 0.249 χ^2 /NDF:2188421.8/38

Out: 1682.588 $\pm$ 0.243 χ^2 /NDF:2562400.8/41

All: 1683.389 $\pm$ 0.174 χ^2 /NDF: 4750844.8/80

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 511.737 $\pm$ 364.769 χ^2/NDF : 35.6/23

Right Out: -86.080 $\pm$ 939.852 χ^2/NDF : 14.5/17

Left In: -3.667 $\pm$ 376.293 χ^2/NDF : 32.9/21

Left: 262.047 $\pm$ 261.910 χ^2/NDF : 69.4/45

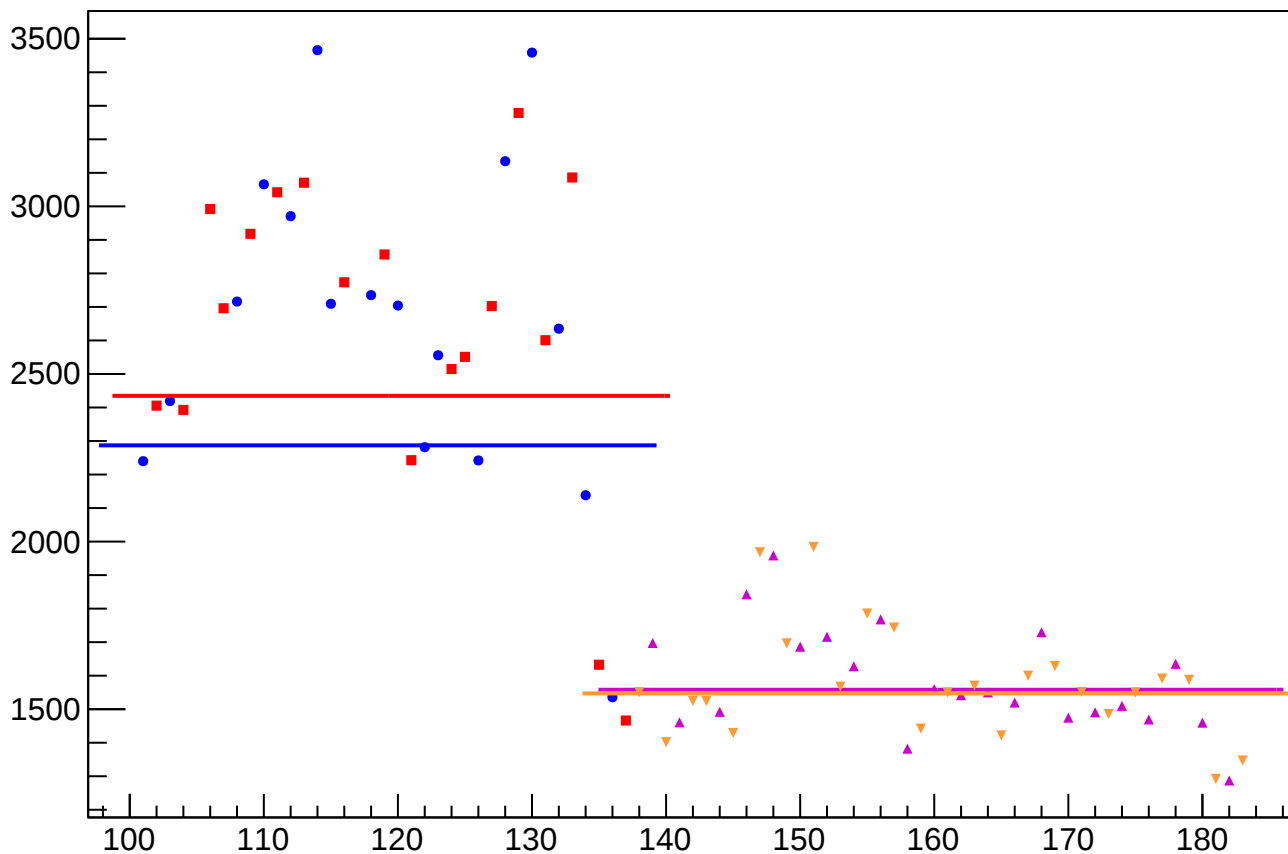
Right: 870.195 $\pm$ 654.628 χ^2/NDF : 33.8/34

In: 254.384 $\pm$ 347.865 χ^2/NDF : 53.4/38

Out: 433.475 $\pm$ 340.056 χ^2/NDF : 50.4/41

All: 345.962 $\pm$ 243.170 χ^2/NDF : 104.0/80

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1547.007 $\pm$ 0.258 χ^2 /NDF: 358246.0/23

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1558.014 $\pm$ 0.266 χ^2 /NDF: 313797.9/21

Left: 1552.339 $\pm$ 0.185 χ^2 /NDF: 672926.1/45

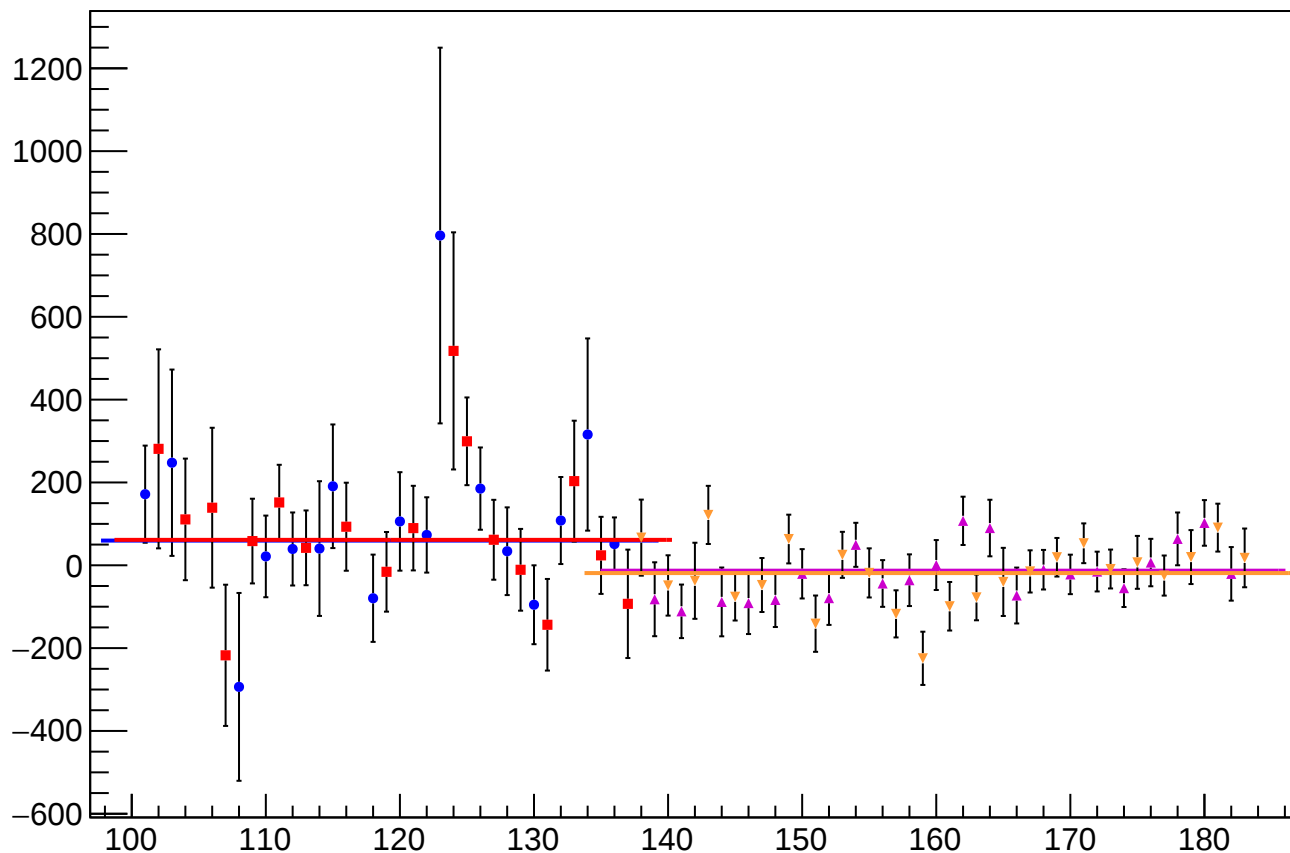
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1664.012 $\pm$ 0.246 χ^2 /NDF: 2204784.1/38

Out: 1663.228 $\pm$ 0.240 χ^2 /NDF: 2576084.4/41

All: 1663.611 $\pm$ 0.172 χ^2 /NDF: 4780873.7/80

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2/NDF : 15.3/16

Left Out: -18.790 $\pm$ 12.183 χ^2/NDF : 35.8/23

Right Out: 61.399 $\pm$ 27.011 χ^2/NDF : 19.7/17

Left In: -13.037 $\pm$ 12.614 χ^2/NDF : 23.1/21

Left: -16.014 $\pm$ 8.763 χ^2/NDF : 59.0/45

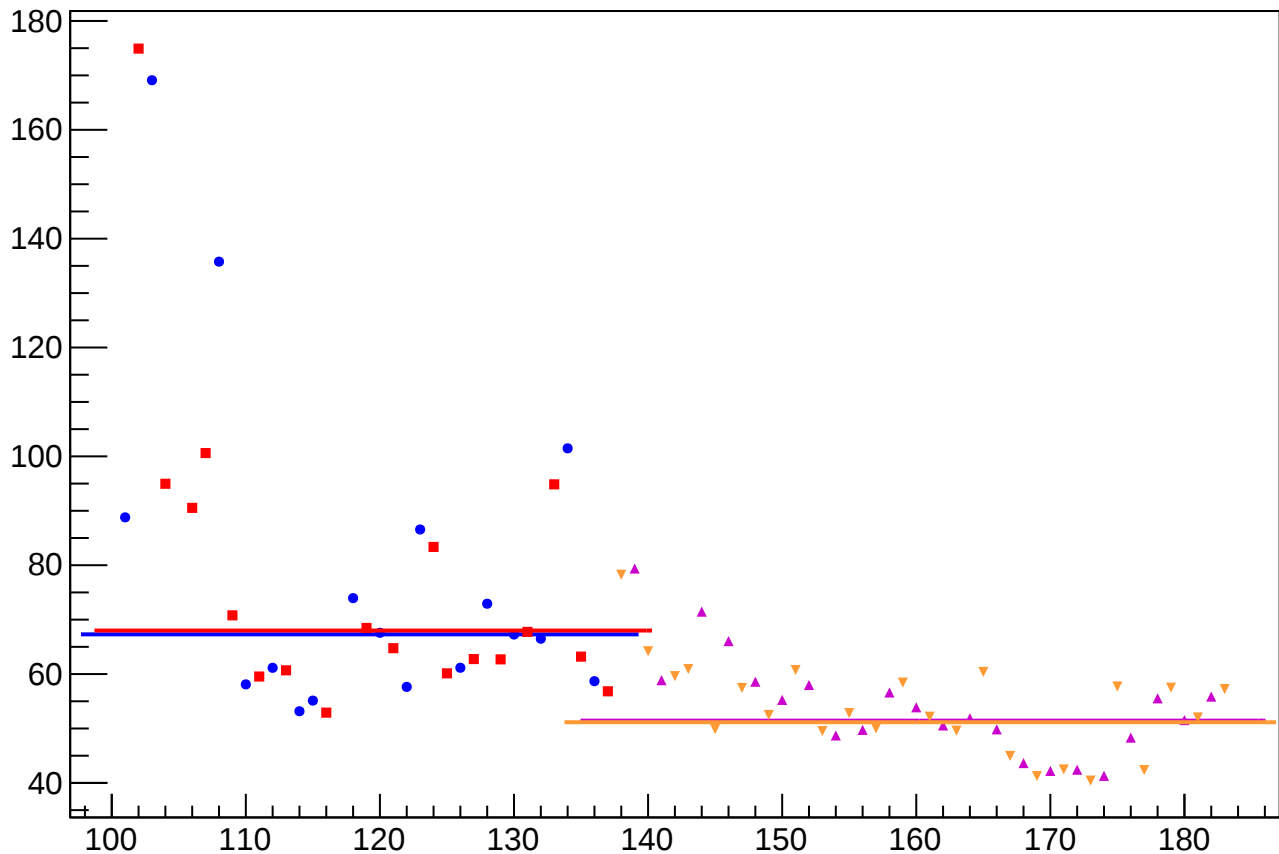
Right: 60.530 $\pm$ 19.124 χ^2/NDF : 35.0/34

In: -0.076 $\pm$ 11.435 χ^2/NDF : 44.4/38

Out: -5.235 $\pm$ 11.105 χ^2/NDF : 62.8/41

All: -2.730 $\pm$ 7.967 χ^2/NDF : 107.2/80

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 ± 0.019 $\chi^2/\text{NDF}: 841352.2/16$

Left Out: 51.149 ± 0.009 $\chi^2/\text{NDF}: 822679.4/23$

Right Out: 67.998 ± 0.019 $\chi^2/\text{NDF}: 754329.7/17$

Left In: 51.437 ± 0.009 $\chi^2/\text{NDF}: 815205.5/21$

Left: 51.288 ± 0.006 $\chi^2/\text{NDF}: 1638425.1/45$

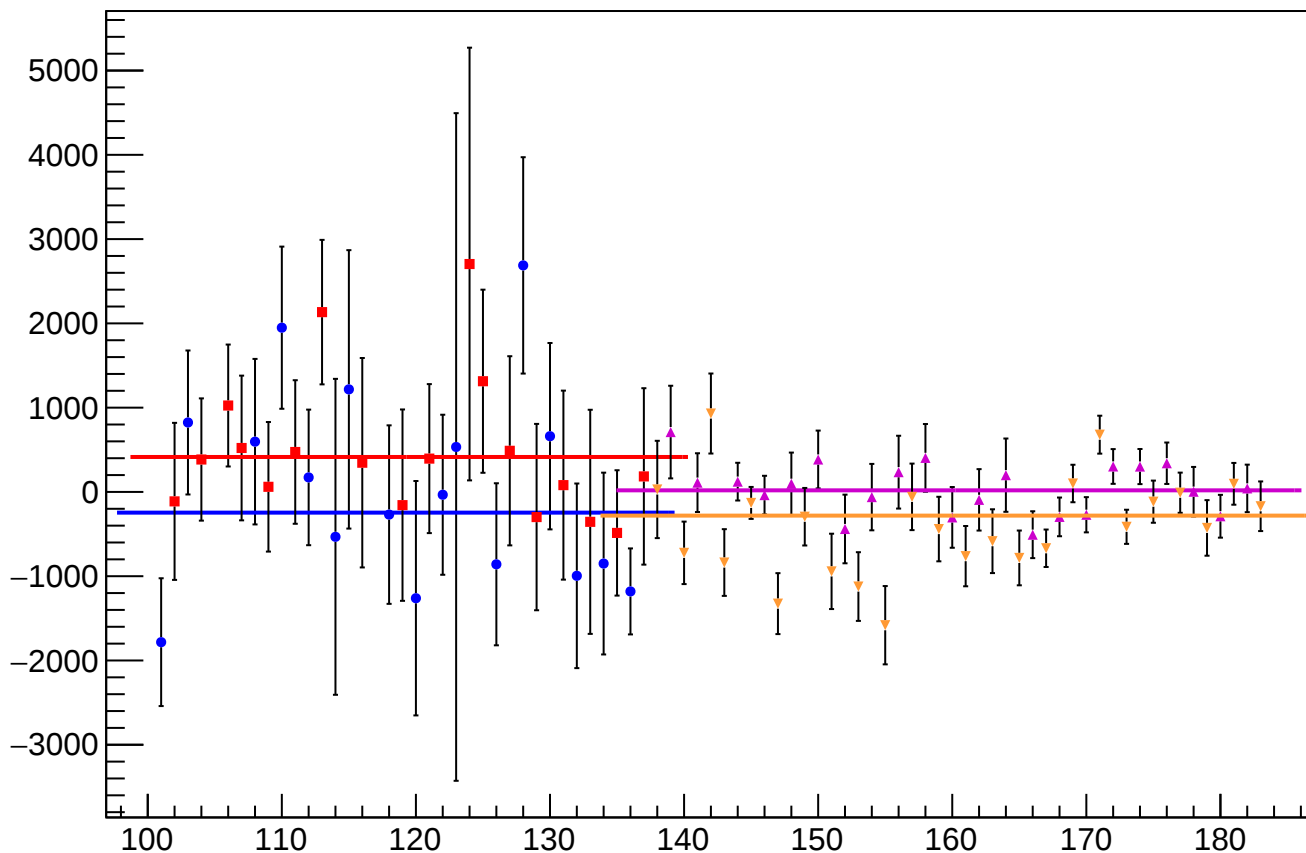
Right: 67.648 ± 0.014 $\chi^2/\text{NDF}: 1596354.2/34$

In: 54.265 ± 0.008 $\chi^2/\text{NDF}: 2220243.2/38$

Out: 53.997 ± 0.008 $\chi^2/\text{NDF}: 2223687.4/41$

All: 54.127 ± 0.006 $\chi^2/\text{NDF}: 4444495.1/80$

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -281.018 $\pm$ 60.477 χ^2 /NDF: 67.8/23

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 18.878 $\pm$ 61.035 χ^2 /NDF: 20.9/21

Left: -132.448 $\pm$ 42.960 χ^2 /NDF: 100.9/45

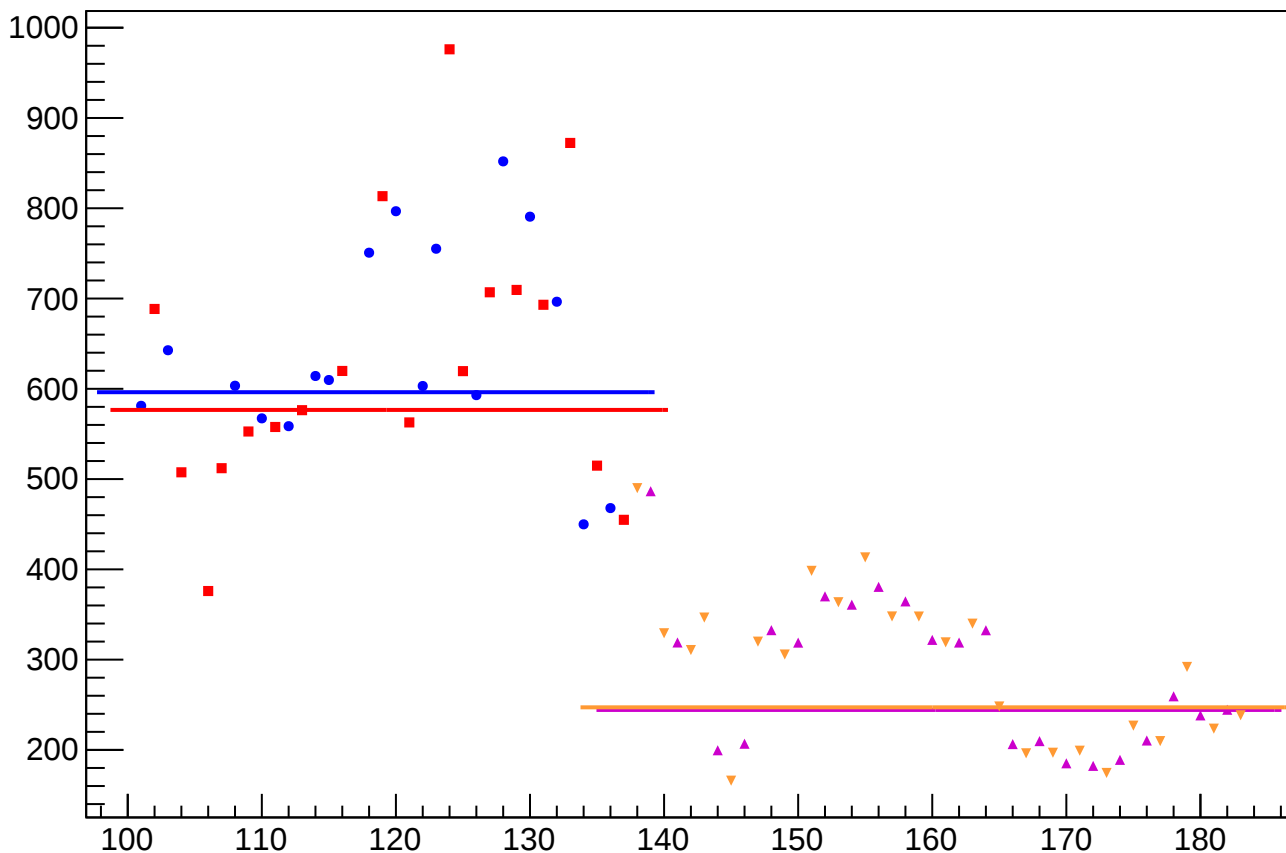
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 2.216 $\pm$ 59.082 χ^2 /NDF: 45.9/38

Out: -233.269 $\pm$ 58.365 χ^2 /NDF: 86.3/41

All: -116.964 $\pm$ 41.521 χ^2 /NDF: 140.2/80

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 ± 0.166 χ^2/NDF : 422153.3/16

Left Out: 247.159 ± 0.043 χ^2/NDF : 2911749.4/23

Right Out: 576.614 ± 0.158 χ^2/NDF : 573658.2/17

Left In: 244.281 ± 0.043 χ^2/NDF : 2433741.3/21

Left: 245.733 ± 0.030 χ^2/NDF : 5347734.8/45

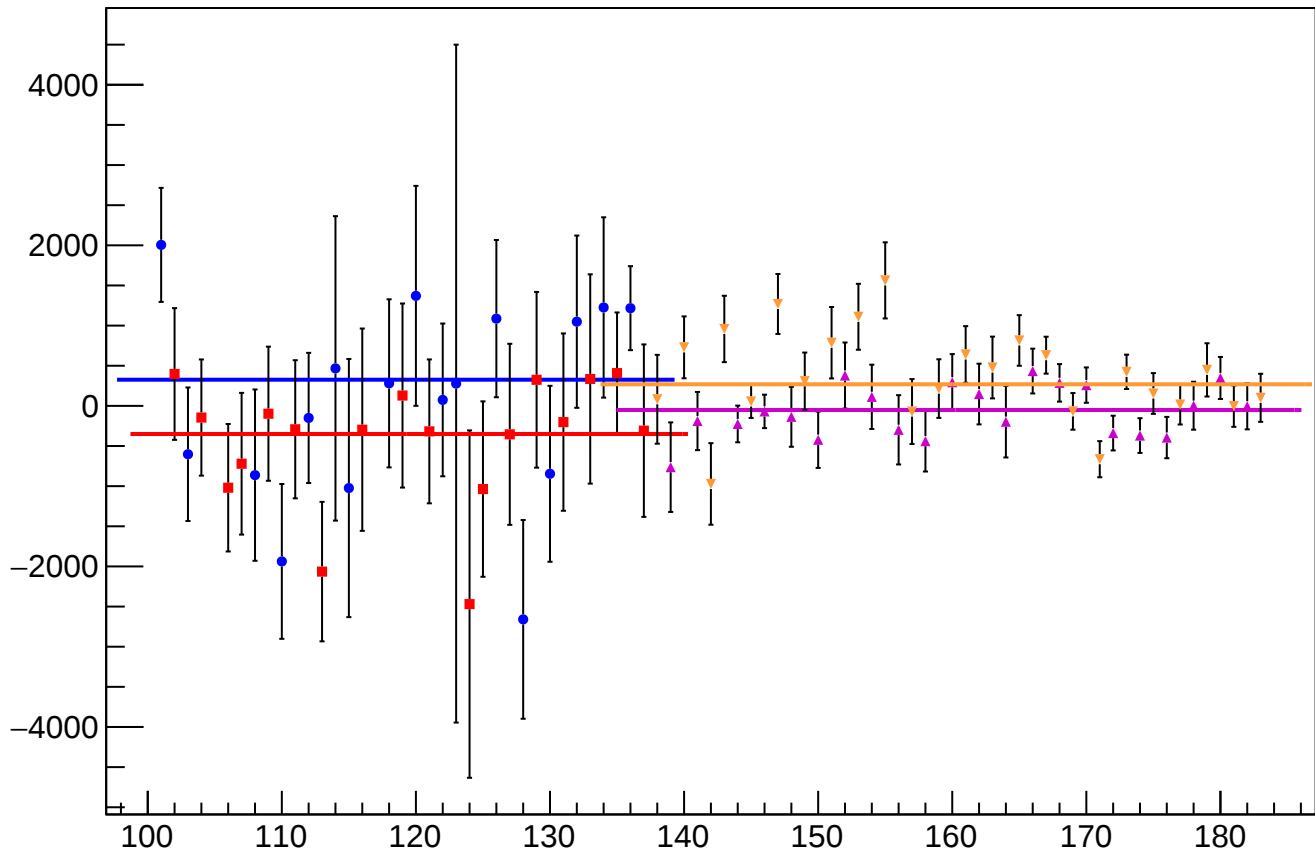
Right: 585.890 ± 0.114 χ^2/NDF : 1003148.8/34

In: 266.451 ± 0.042 χ^2/NDF : 7045224.5/38

Out: 269.770 ± 0.041 χ^2/NDF : 7558842.2/41

All: 268.131 ± 0.029 χ^2/NDF : 14607259.7/80

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 269.168 ± 62.128 $\chi^2/\text{NDF}: 62.0/23$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -51.496 ± 61.951 $\chi^2/\text{NDF}: 22.7/21$

Left: 108.377 ± 43.869 $\chi^2/\text{NDF}: 98.1/45$

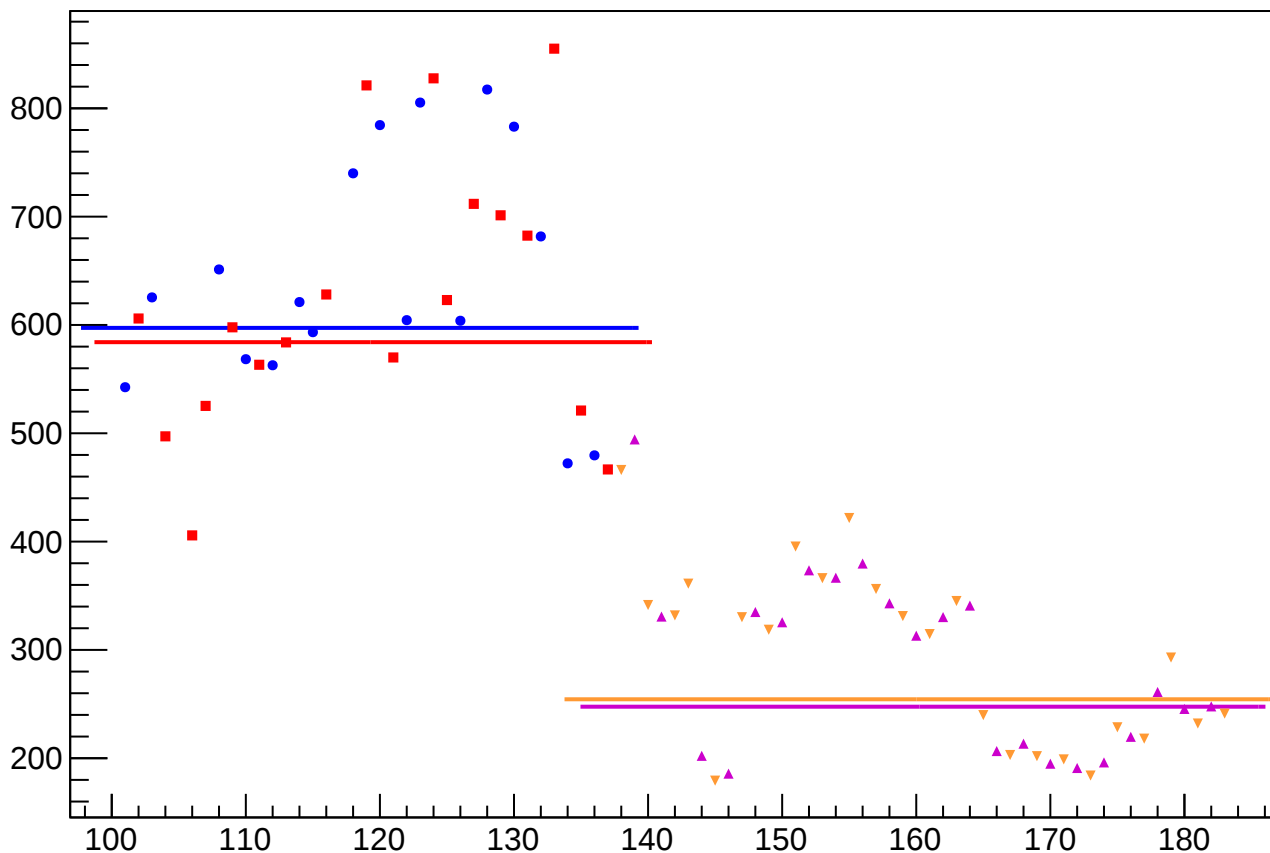
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -27.078 ± 59.914 $\chi^2/\text{NDF}: 52.0/38$

Out: 225.368 ± 59.892 $\chi^2/\text{NDF}: 78.1/41$

All: 99.192 ± 42.358 $\chi^2/\text{NDF}: 138.9/80$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 254.418 $\pm$ 0.044 χ^2 /NDF: 2629922.0/23

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.573 $\pm$ 0.044 χ^2 /NDF: 2370455.0/21

Left: 250.986 $\pm$ 0.031 χ^2 /NDF: 5012550.2/45

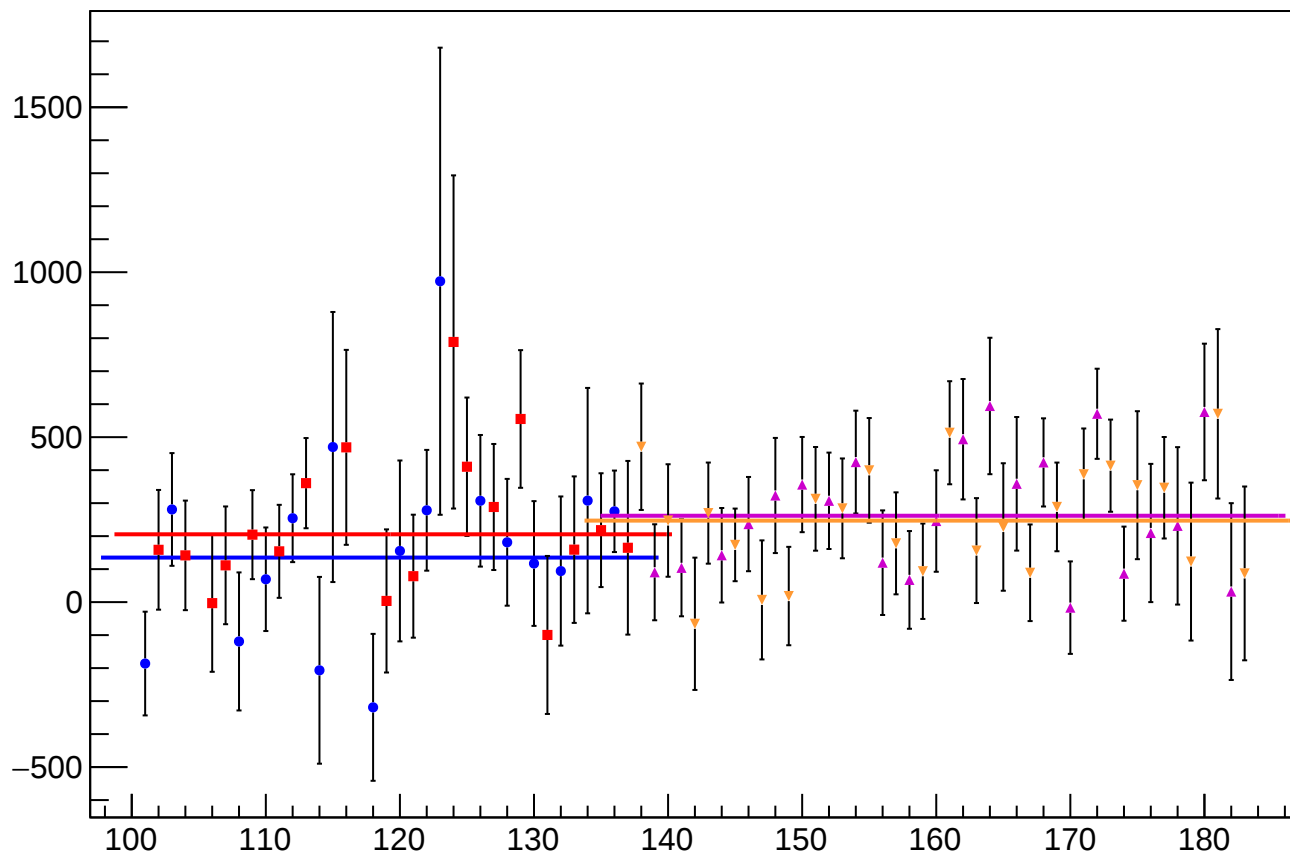
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 270.190 $\pm$ 0.042 χ^2 /NDF: 6856031.1/38

Out: 277.726 $\pm$ 0.042 χ^2 /NDF: 7058463.3/41

All: 273.960 $\pm$ 0.030 χ^2 /NDF: 13930319.5/80

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 247.080 $\pm$ 32.922 χ^2 /NDF:20.7/23

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 261.825 $\pm$ 34.239 χ^2 /NDF:27.2/21

Left: 254.163 $\pm$ 23.731 χ^2 /NDF: 48.0/45

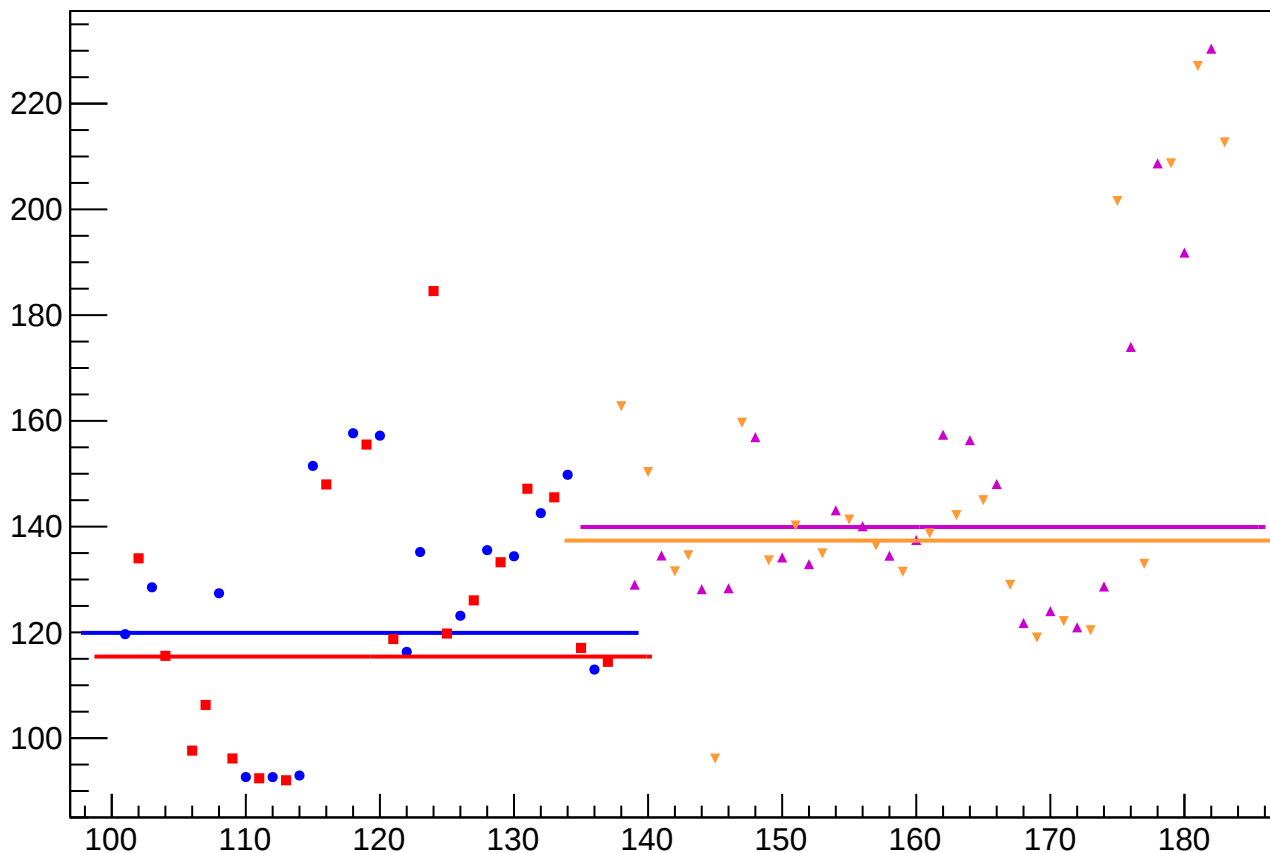
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 217.894 $\pm$ 27.680 χ^2 /NDF:50.0/38

Out: 232.419 $\pm$ 26.474 χ^2 /NDF:33.3/41

All: 225.480 $\pm$ 19.132 χ^2 /NDF: 83.4/80

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: 137.361 $\pm$ 0.023 χ^2 /NDF:1220836.6/23

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 139.926 $\pm$ 0.024 χ^2 /NDF:791856.1/21

Left: 138.593 $\pm$ 0.017 χ^2 /NDF: 2018522.0/45

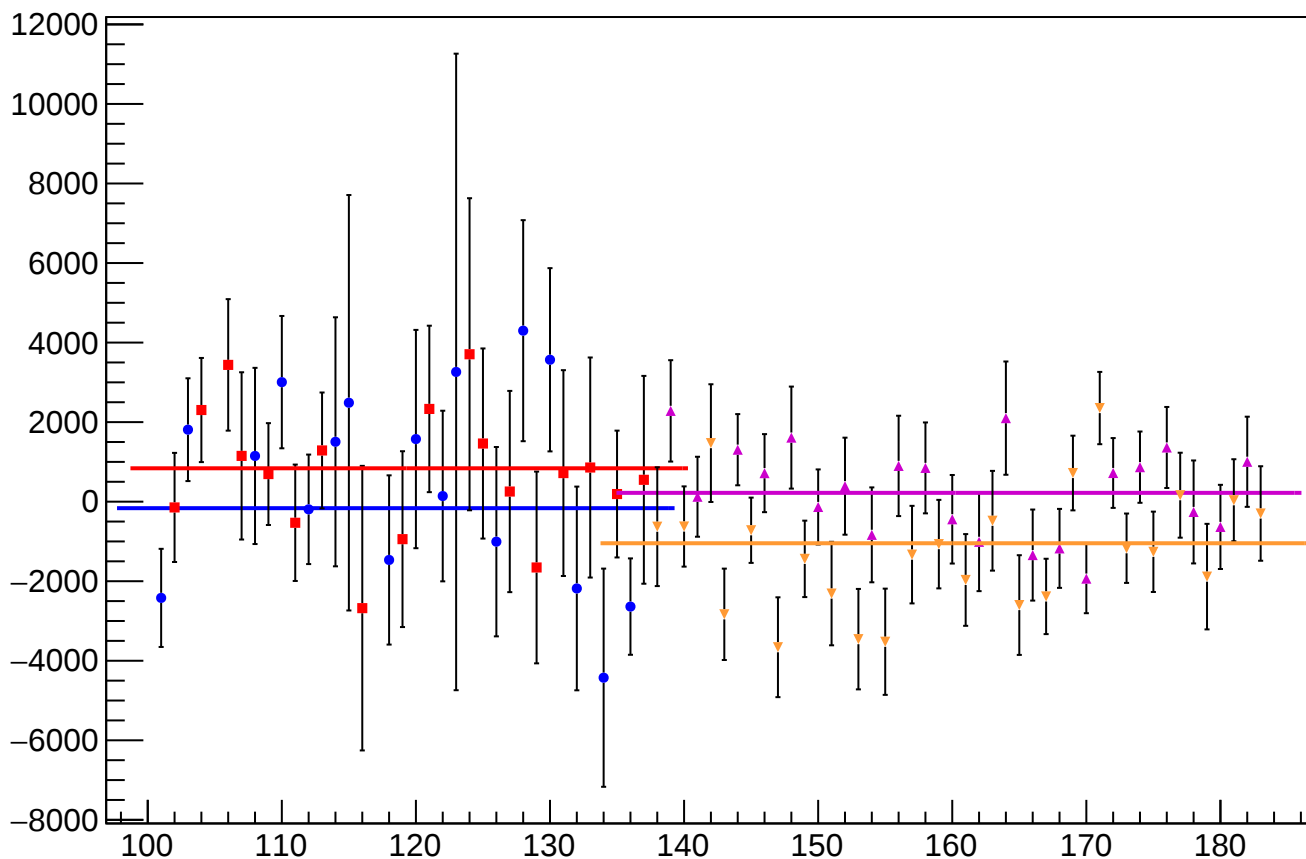
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 132.988 $\pm$ 0.020 χ^2 /NDF:1374321.6/38

Out: 129.609 $\pm$ 0.019 χ^2 /NDF:1952781.7/41

All: 131.223 $\pm$ 0.014 χ^2 /NDF: 3342674.9/80

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1045.490+/-223.762 χ^2/NDF : 43.5/23

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 221.671+/-228.118 χ^2/NDF : 23.5/21

Left: -424.123+/-159.741 χ^2/NDF : 82.7/45

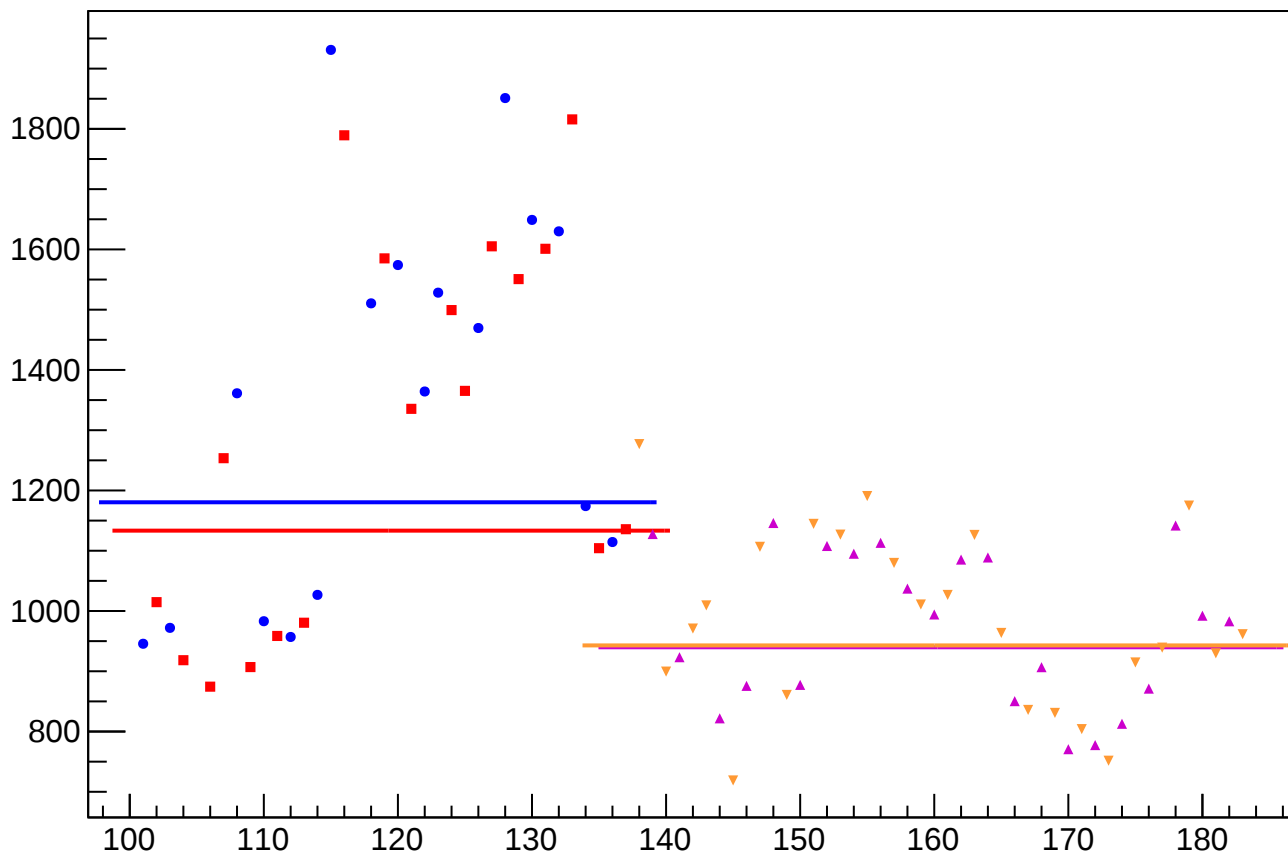
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 148.124+/-205.189 χ^2/NDF : 47.8/38

Out: -658.890+/-199.496 χ^2/NDF : 67.3/41

All: -266.732+/-143.035 χ^2/NDF : 123.0/80

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 942.906+/-0.158 χ^2/NDF : 814975.6/23

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 939.780+/-0.161 χ^2/NDF : 590182.8/21

Left: 941.373+/-0.113 χ^2/NDF : 1405349.7/45

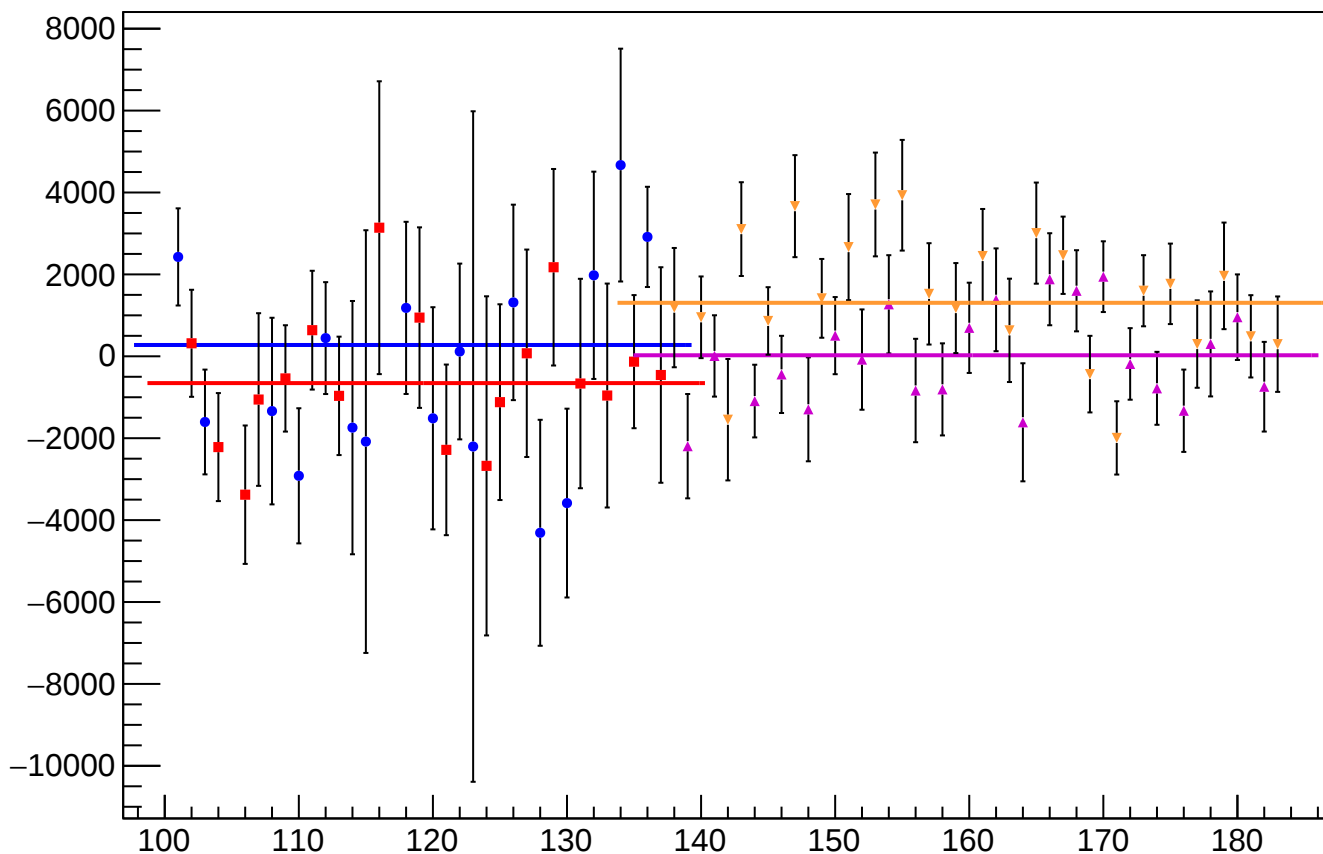
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 985.722+/-0.145 χ^2/NDF : 1683892.6/38

Out: 981.971+/-0.141 χ^2/NDF : 1872540.3/41

All: 983.793+/-0.101 χ^2/NDF : 3556776.5/80

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1306.369 $\pm$ 222.217 χ^2/NDF : 43.4/23

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: 25.281 $\pm$ 226.092 χ^2/NDF : 25.4/21

Left: 676.896 $\pm$ 158.483 χ^2/NDF : 85.0/45

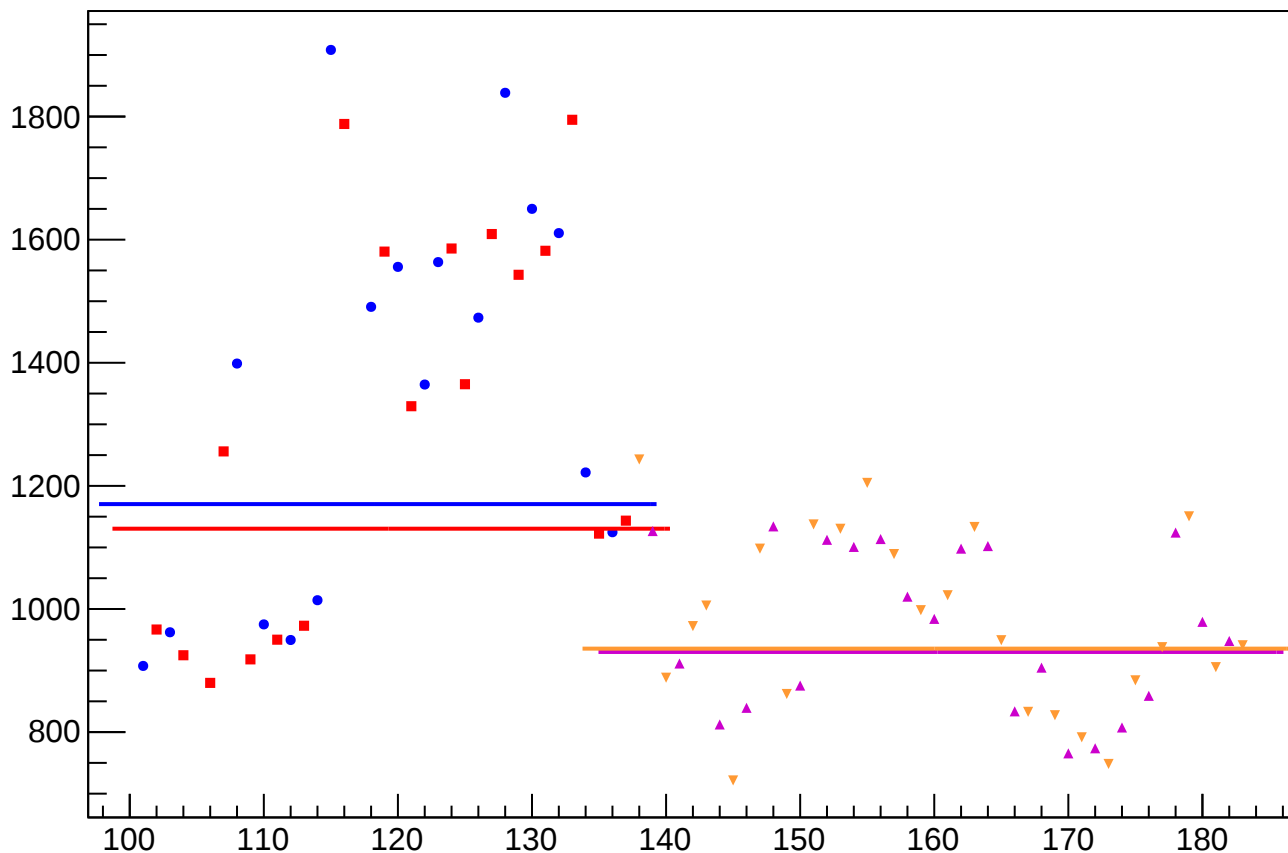
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 73.063 $\pm$ 203.450 χ^2/NDF : 49.9/38

Out: 907.630 $\pm$ 198.339 χ^2/NDF : 68.8/41

All: 500.960 $\pm$ 142.019 χ^2/NDF : 127.3/80

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.599 $\pm$ 0.157 χ^2 /NDF: 813282.1/23

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 930.193 $\pm$ 0.160 χ^2 /NDF: 620858.0/21

Left: 932.942 $\pm$ 0.112 χ^2 /NDF: 1434721.6/45

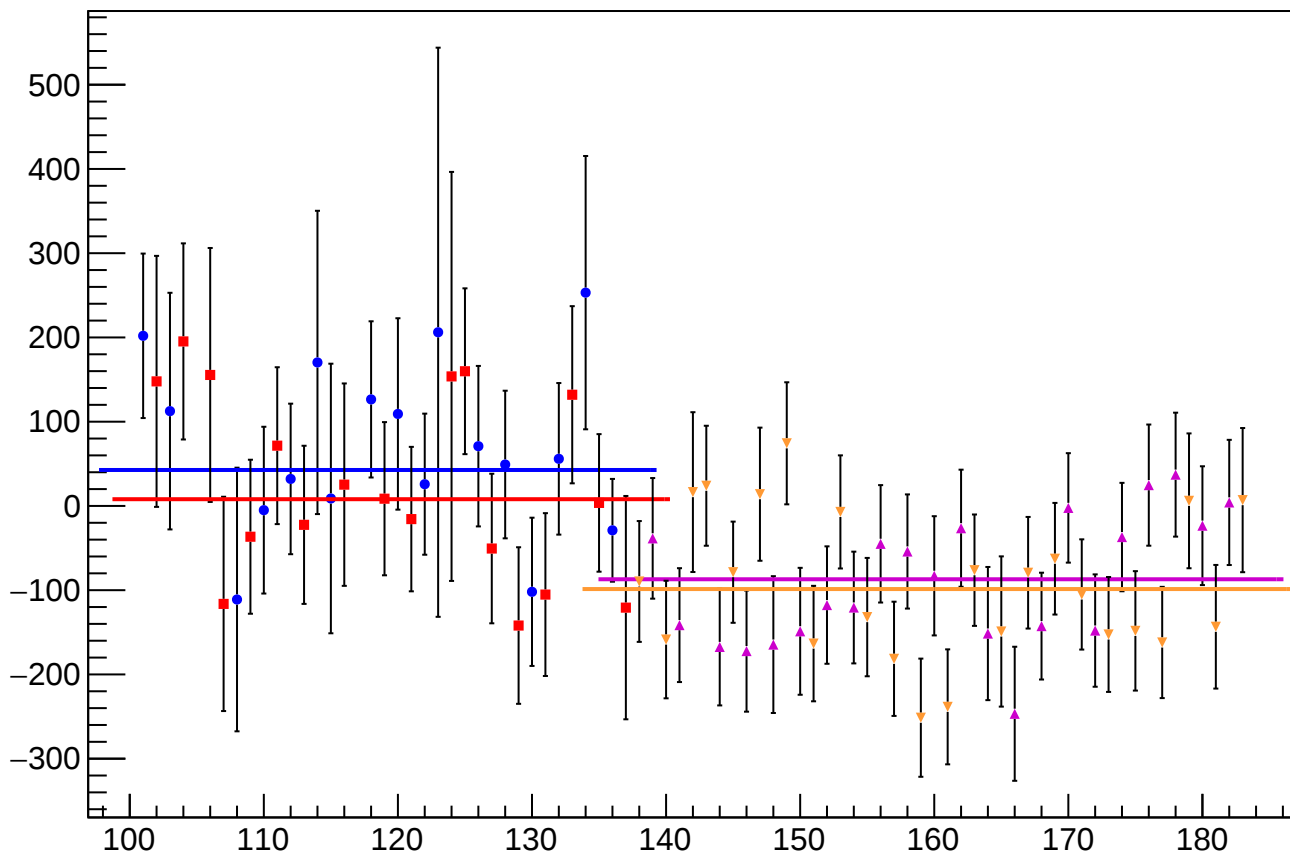
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 975.896 $\pm$ 0.144 χ^2 /NDF: 1755880.3/38

Out: 975.224 $\pm$ 0.140 χ^2 /NDF: 1889041.0/41

All: 975.552 $\pm$ 0.100 χ^2 /NDF: 3644932.5/80

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 $\pm$ 24.701 χ^2 /NDF: 12.0/16

Left Out: -98.659 $\pm$ 14.471 χ^2 /NDF:32.9/23

Right Out: 7.995 $\pm$ 24.492 χ^2 /NDF: 15.8/17

Left In: -87.035 $\pm$ 15.012 χ^2 /NDF:23.4/21

Left: -93.060 $\pm$ 10.419 χ^2 /NDF: 56.7/45

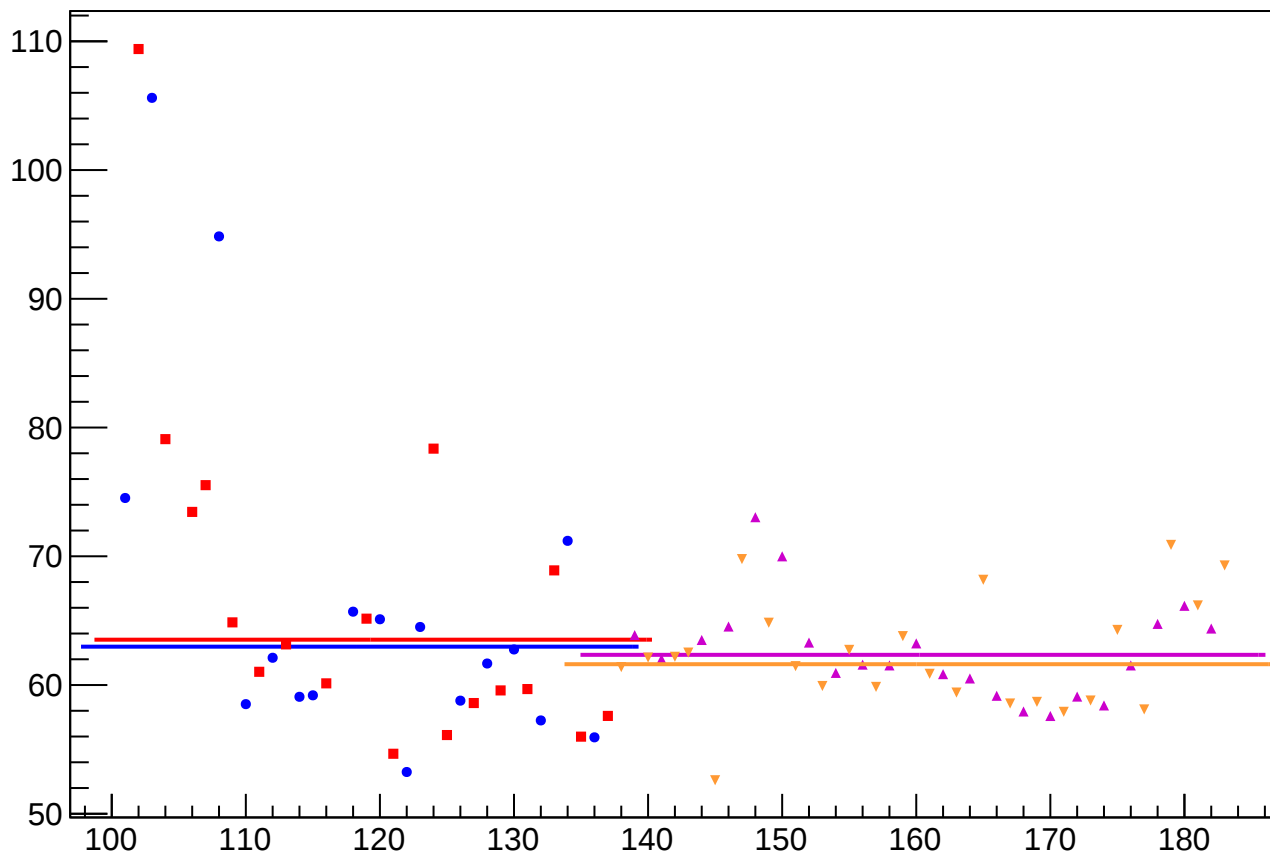
Right: 25.187 $\pm$ 17.392 χ^2 /NDF: 28.8/34

In: -52.047 $\pm$ 12.829 χ^2 /NDF:55.6/38

Out: -71.060 $\pm$ 12.459 χ^2 /NDF:62.7/41

All: -61.832 $\pm$ 8.938 χ^2 /NDF: 119.4/80

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2/NDF : 375263.3/16

Left Out: 61.618 $\pm$ 0.010 χ^2/NDF : 166328.8/23

Right Out: 63.522 $\pm$ 0.017 χ^2/NDF : 335430.9/17

Left In: 62.345 $\pm$ 0.011 χ^2/NDF : 108262.0/21

Left: 61.968 $\pm$ 0.007 χ^2/NDF : 277024.7/45

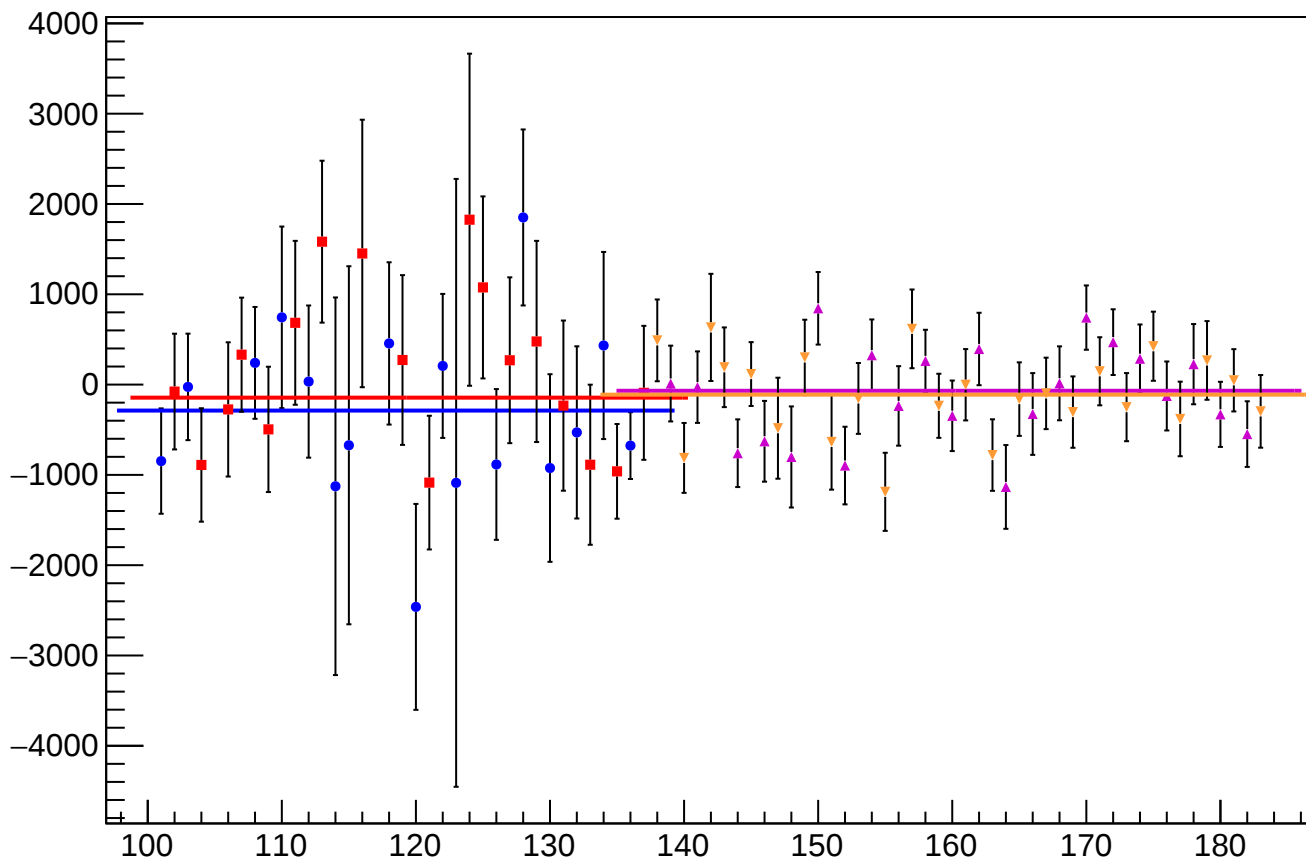
Right: 63.253 $\pm$ 0.012 χ^2/NDF : 711180.0/34

In: 62.516 $\pm$ 0.009 χ^2/NDF : 484490.8/38

Out: 62.111 $\pm$ 0.009 χ^2/NDF : 510723.9/41

All: 62.307 $\pm$ 0.006 χ^2/NDF : 996244.9/80

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2/NDF : 15.4/16

Left Out: -111.441 $\pm$ 83.531 χ^2/NDF : 26.4/23

Right Out: -144.624 $\pm$ 187.777 χ^2/NDF : 16.1/17

Left In: -68.564 $\pm$ 85.511 χ^2/NDF : 36.1/21

Left: -90.504 $\pm$ 59.753 χ^2/NDF : 62.6/45

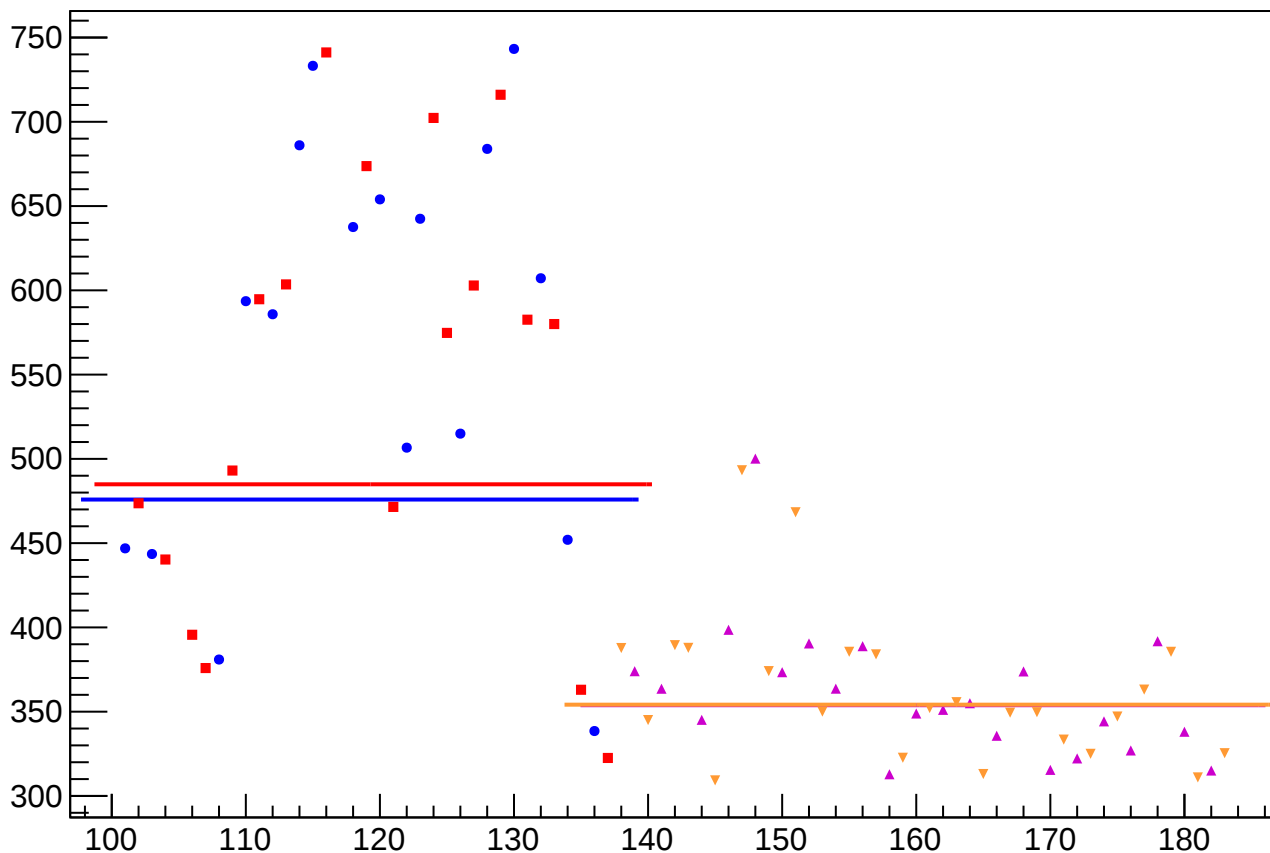
Right: -215.353 $\pm$ 133.518 χ^2/NDF : 31.7/34

In: -105.507 $\pm$ 77.970 χ^2/NDF : 52.6/38

Out: -116.923 $\pm$ 76.321 χ^2/NDF : 42.5/41

All: -111.337 $\pm$ 54.541 χ^2/NDF : 95.0/80

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 354.156 $\pm$ 0.059 χ^2 /NDF: 413212.5/23

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 353.826 $\pm$ 0.060 χ^2 /NDF: 324070.4/21

Left: 353.995 $\pm$ 0.042 χ^2 /NDF: 737298.2/45

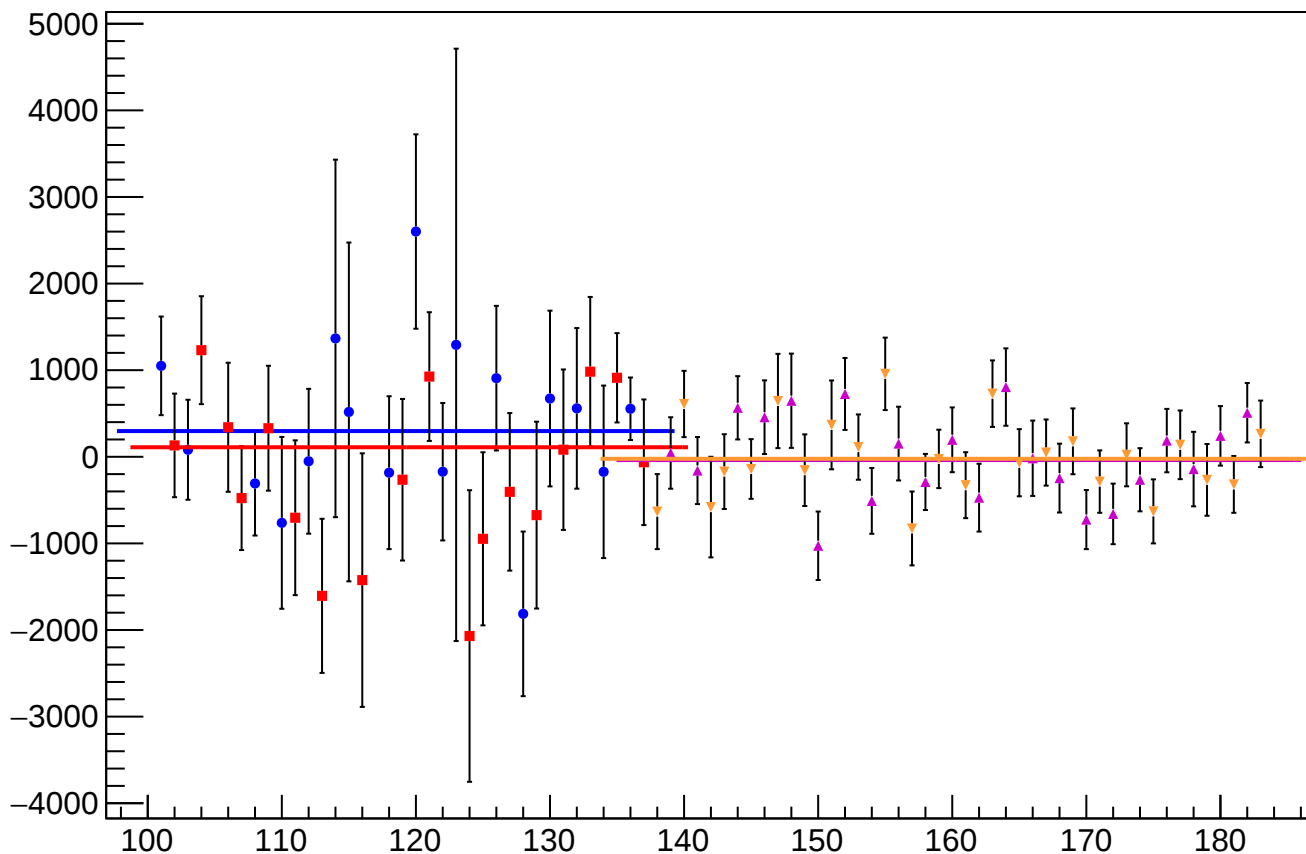
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 374.403 $\pm$ 0.055 χ^2 /NDF: 1848762.9/38

Out: 375.757 $\pm$ 0.054 χ^2 /NDF: 1939116.9/41

All: 375.094 $\pm$ 0.039 χ^2 /NDF: 3788187.8/80

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 χ^2/NDF : 15.9/16

Left Out: -23.144 ± 80.591 χ^2/NDF : 27.2/23

Right Out: 110.141 ± 184.400 χ^2/NDF : 18.5/17

Left In: -37.809 ± 82.329 χ^2/NDF : 34.5/21

Left: -30.321 ± 57.591 χ^2/NDF : 61.7/45

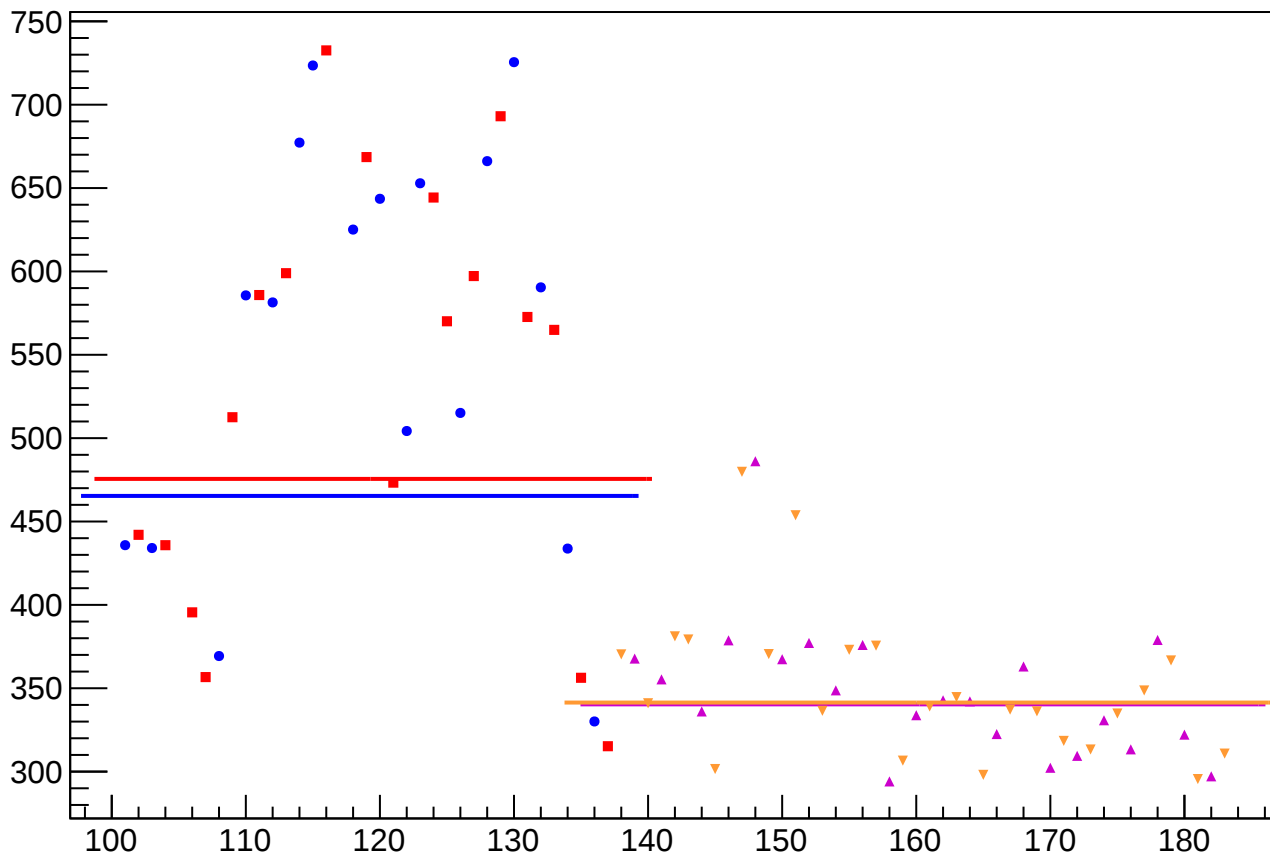
Right: 202.768 ± 130.944 χ^2/NDF : 34.9/34

In: 17.049 ± 75.282 χ^2/NDF : 53.1/38

Out: -1.769 ± 73.846 χ^2/NDF : 46.2/41

All: 7.459 ± 52.718 χ^2/NDF : 99.3/80

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: 341.420 $\pm$ 0.057 χ^2 /NDF: 448202.7/23

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 340.332 $\pm$ 0.058 χ^2 /NDF: 369524.6/21

Left: 340.887 $\pm$ 0.041 χ^2 /NDF: 817905.6/45

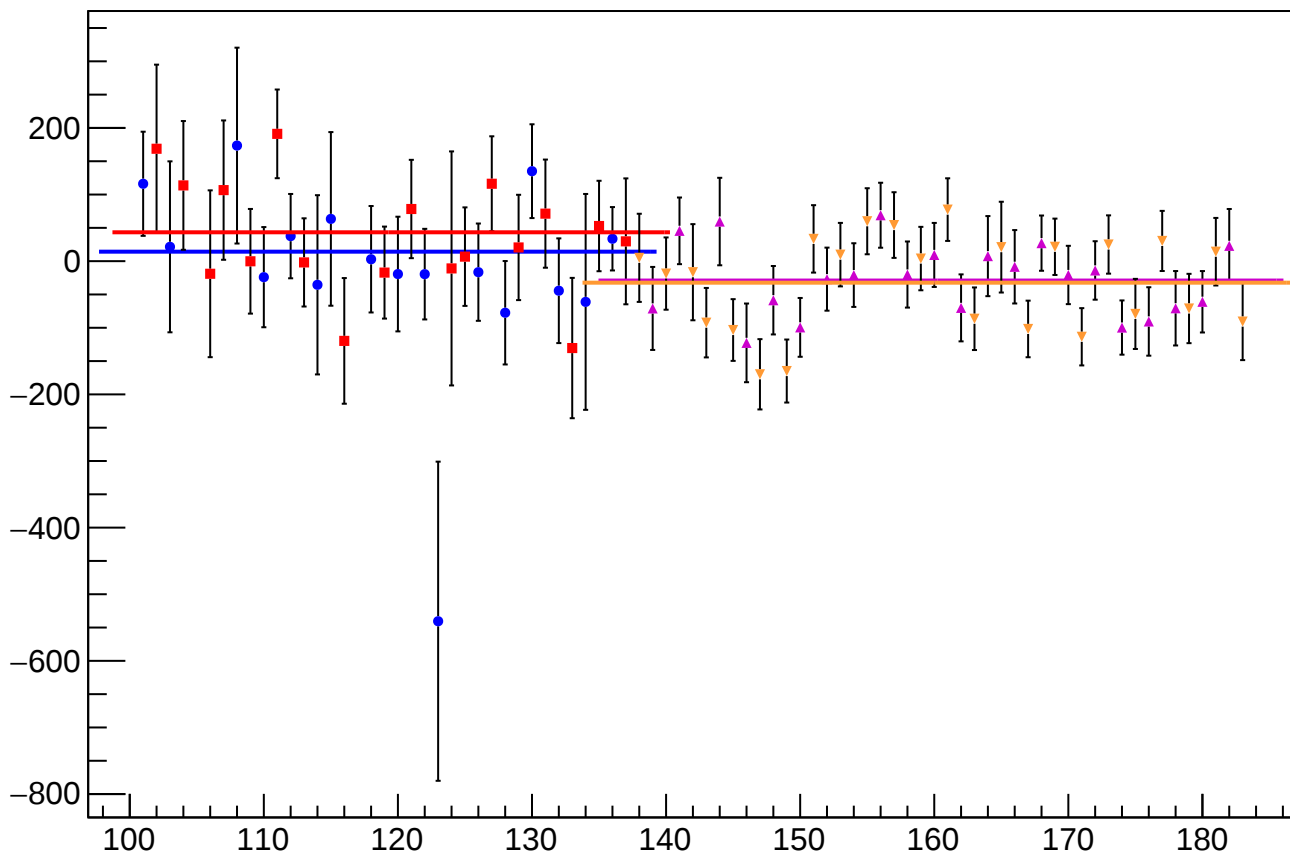
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 360.818 $\pm$ 0.053 χ^2 /NDF: 1985706.6/38

Out: 362.932 $\pm$ 0.052 χ^2 /NDF: 2077650.7/41

All: 361.895 $\pm$ 0.037 χ^2 /NDF: 4064161.2/80

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -32.306+/-10.155 χ^2/NDF : 50.5/23

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -29.103+/-10.579 χ^2/NDF : 24.1/21

Left: -30.770+/-7.326 χ^2/NDF : 74.6/45

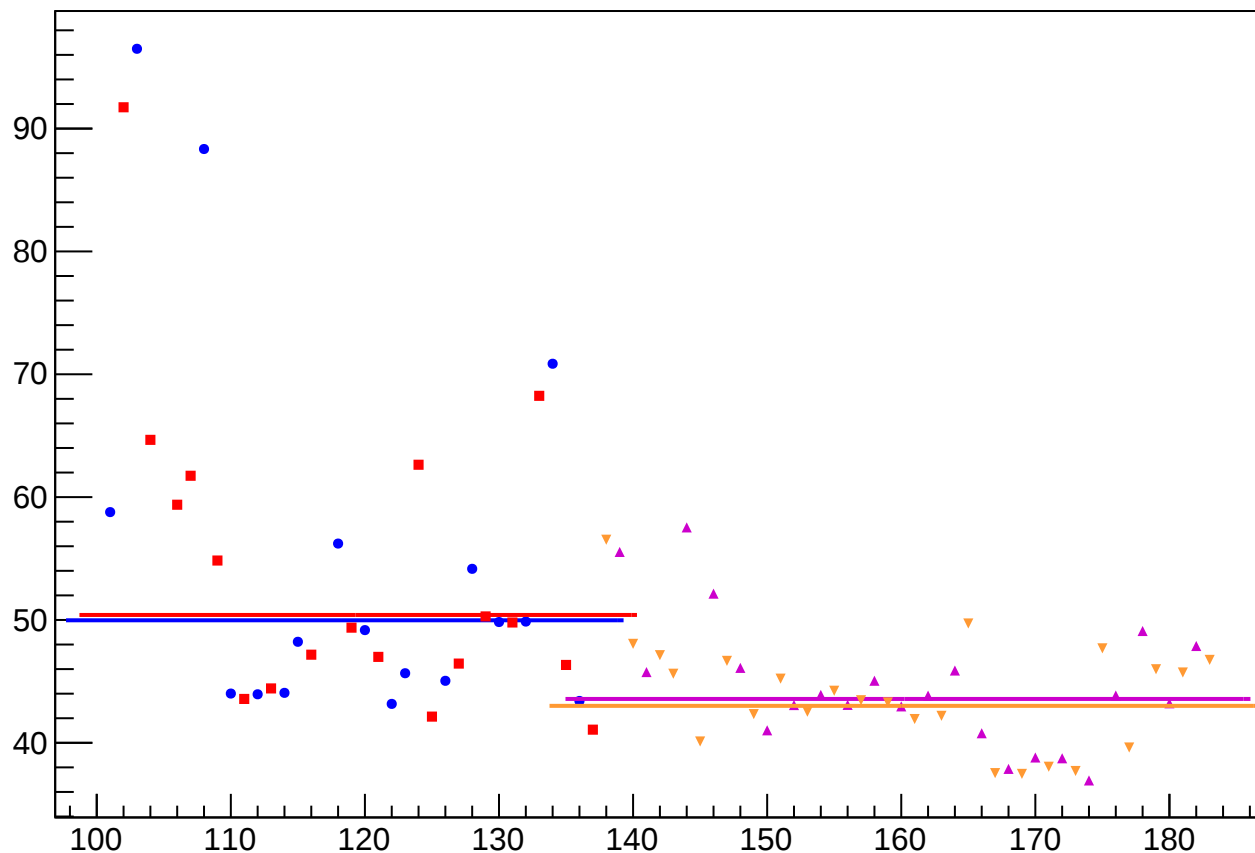
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -19.526+/-9.337 χ^2/NDF : 42.6/38

Out: -16.362+/-9.021 χ^2/NDF : 78.3/41

All: -17.890+/-6.488 χ^2/NDF : 121.0/80

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973+/-0.014 χ^2/NDF : 578750.7/16

Left Out: 43.008+/-0.007 χ^2/NDF : 328111.6/23

Right Out: 50.408+/-0.014 χ^2/NDF : 467481.4/17

Left In: 43.571+/-0.007 χ^2/NDF : 403190.3/21

Left: 43.278+/-0.005 χ^2/NDF : 734240.3/45

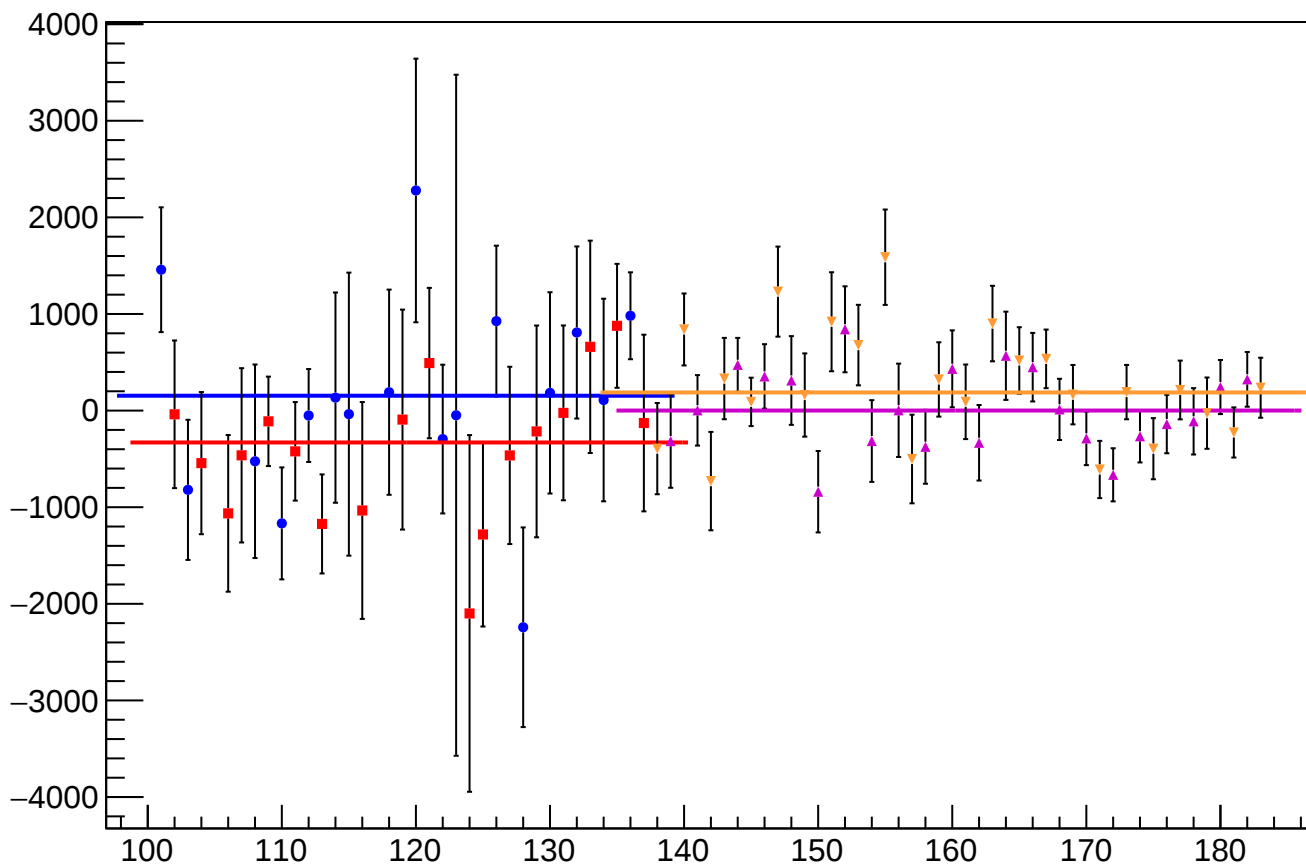
Right: 50.193+/-0.010 χ^2/NDF : 1046716.4/34

In: 44.985+/-0.007 χ^2/NDF : 1143776.6/38

Out: 44.568+/-0.006 χ^2/NDF : 1019420.6/41

All: 44.769+/-0.005 χ^2/NDF : 2165258.0/80

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: 187.828 $\pm$ 72.019 χ^2 /NDF:46.1/23

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 0.455 $\pm$ 73.353 χ^2 /NDF:29.3/21

Left: 95.860 $\pm$ 51.390 χ^2 /NDF: 78.7/45

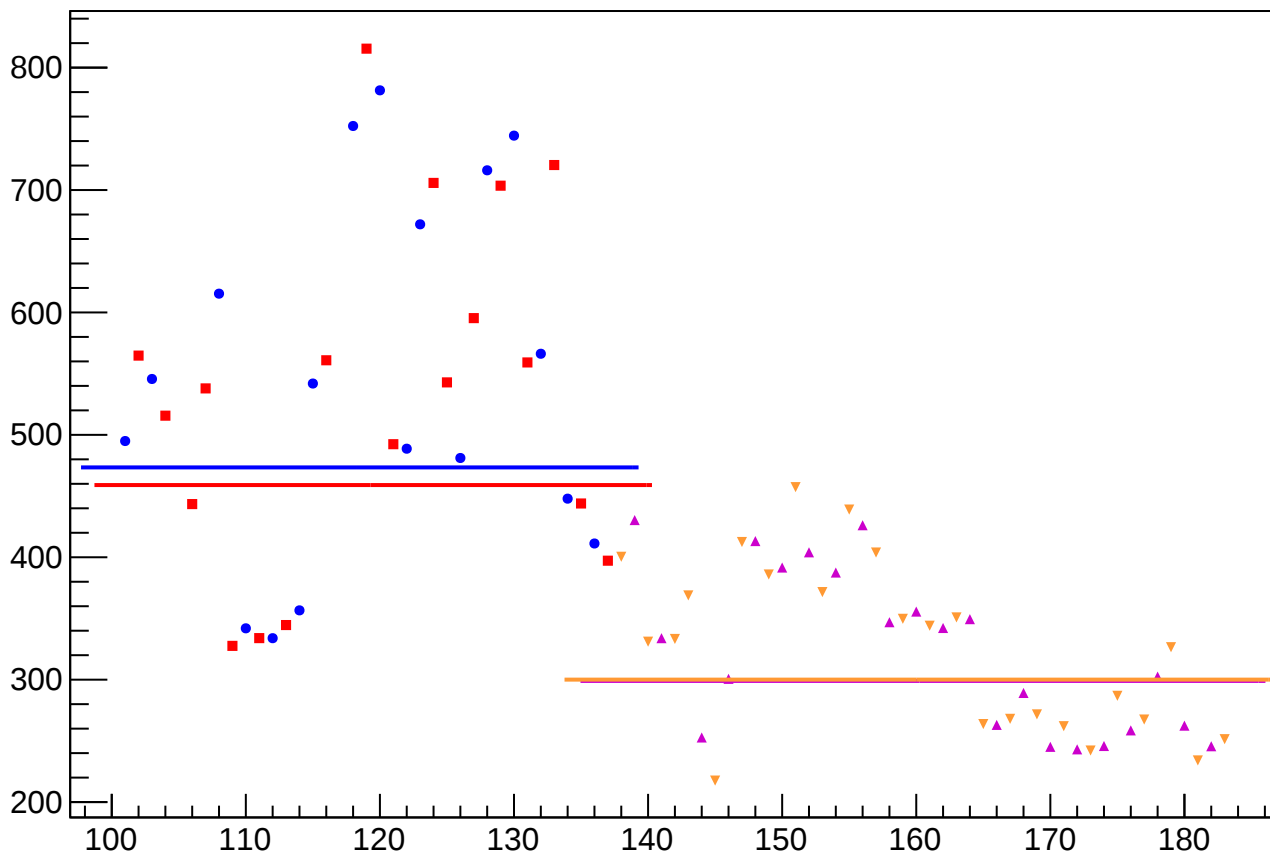
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 20.358 $\pm$ 68.428 χ^2 /NDF:54.6/38

Out: 116.236 $\pm$ 66.855 χ^2 /NDF:65.3/41

All: 69.412 $\pm$ 47.820 χ^2 /NDF: 121.0/80

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: 300.044 $\pm$ 0.051 χ^2/NDF :1574487.4/23

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 298.974 $\pm$ 0.052 χ^2/NDF :1298778.0/21

Left: 299.519 $\pm$ 0.036 χ^2/NDF : 2873481.9/45

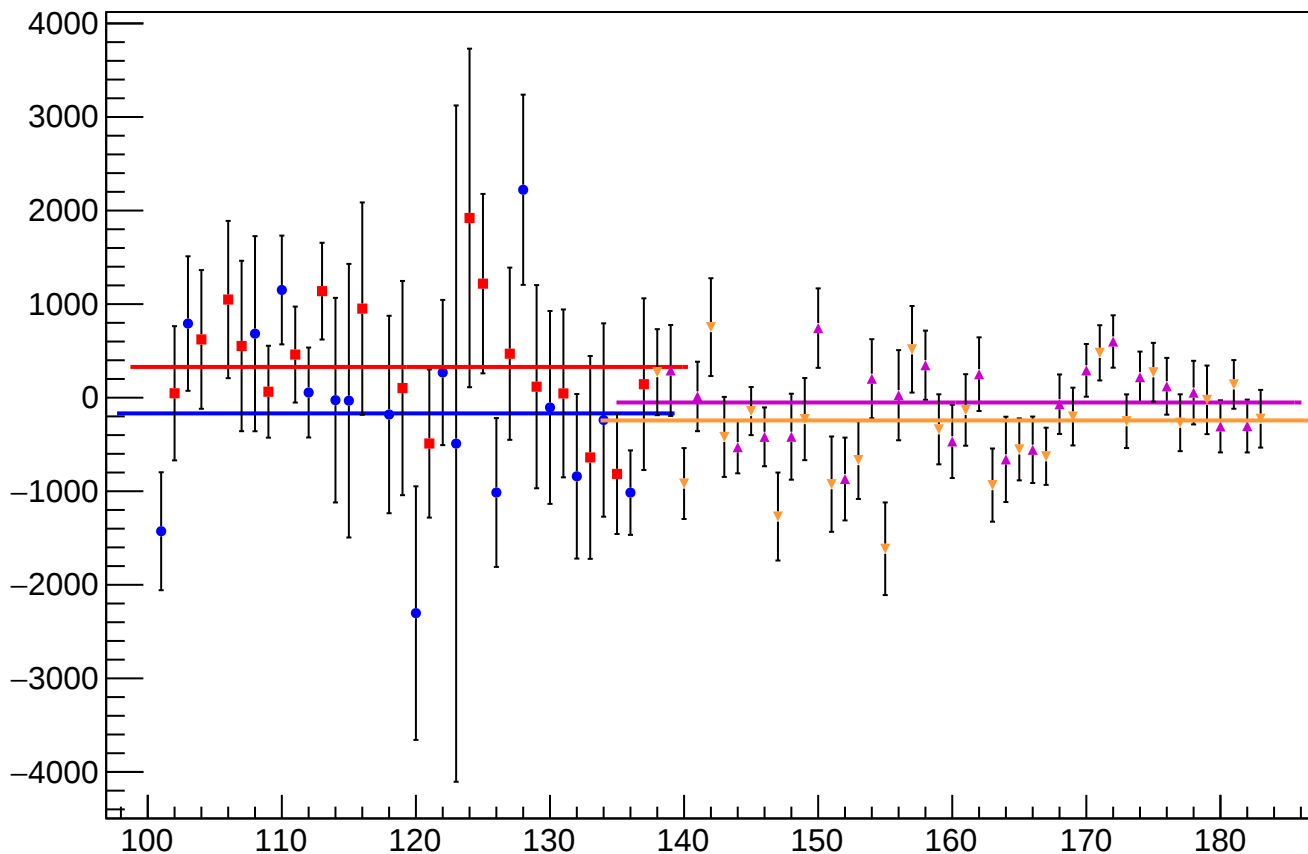
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 321.608 $\pm$ 0.048 χ^2/NDF :3681232.5/38

Out: 322.020 $\pm$ 0.047 χ^2/NDF :3927667.4/41

All: 321.819 $\pm$ 0.034 χ^2/NDF : 7608937.0/80

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2 /NDF: 25.4/16

Left Out: -243.279+/-72.118 χ^2 /NDF:43.3/23

Right Out: 328.598+/-181.559 χ^2 /NDF: 11.1/17

Left In: -51.376+/-73.250 χ^2 /NDF:29.4/21

Left: -148.822+/-51.391 χ^2 /NDF: 76.2/45

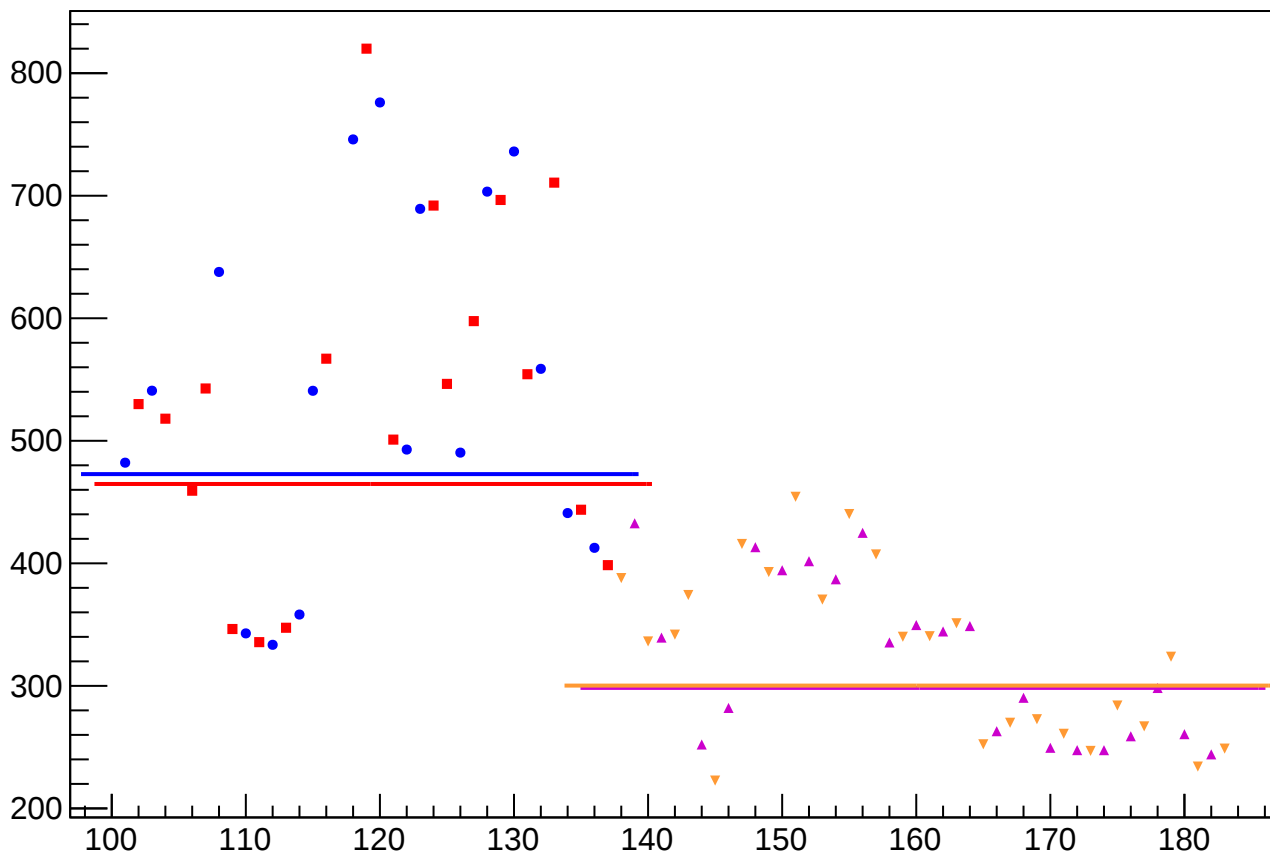
Right: 91.236+/-131.185 χ^2 /NDF: 40.1/34

In: -66.507+/-68.335 χ^2 /NDF:55.1/38

Out: -165.346+/-67.024 χ^2 /NDF:63.0/41

All: -116.884+/-47.850 χ^2 /NDF: 119.2/80

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 +/- 0.134 χ^2/NDF : 896373.5/16

Left Out: 300.233 +/- 0.051 χ^2/NDF : 1545726.9/23

Right Out: 464.761 +/- 0.128 χ^2/NDF : 914781.1/17

Left In: 298.348 +/- 0.052 χ^2/NDF : 1267068.6/21

Left: 299.305 +/- 0.036 χ^2/NDF : 2813468.4/45

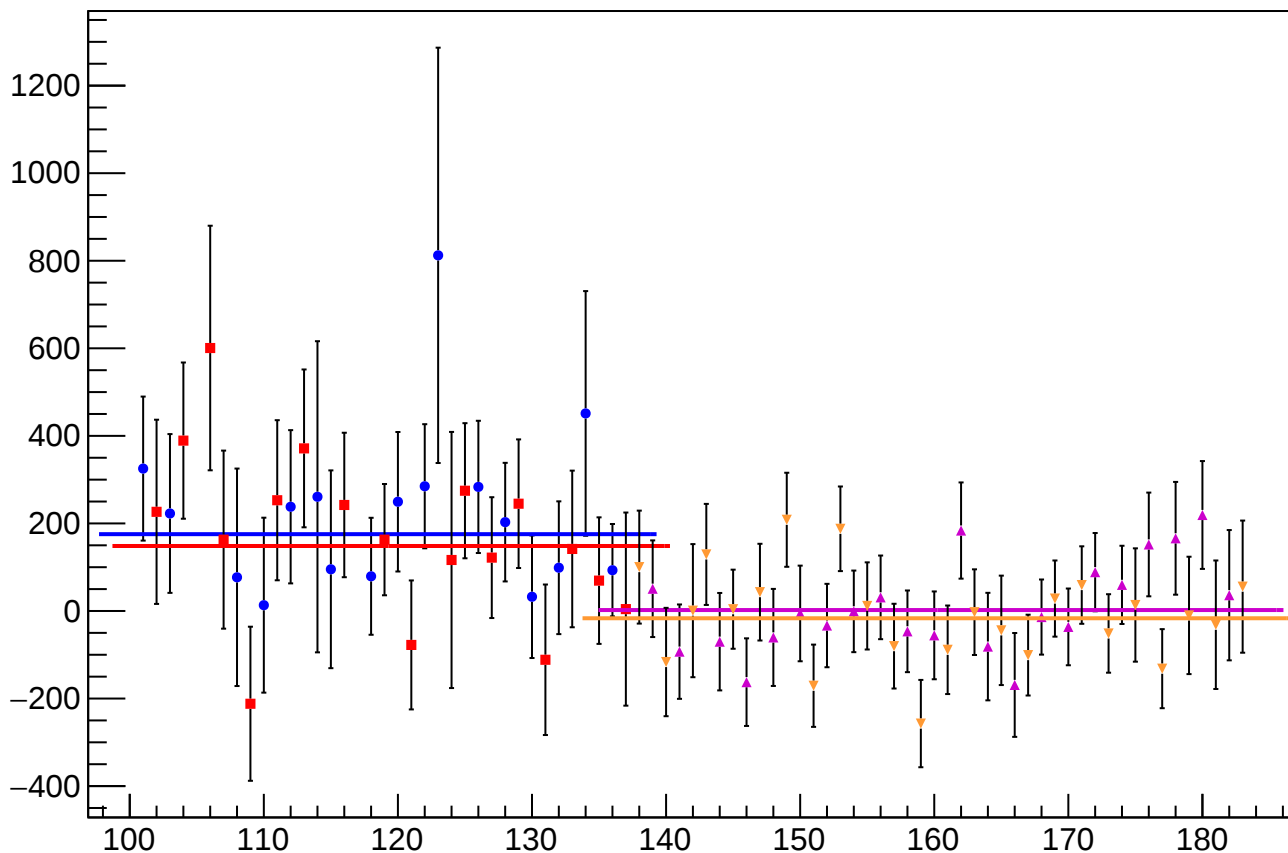
Right: 468.612 +/- 0.093 χ^2/NDF : 1813037.9/34

In: 320.974 +/- 0.048 χ^2/NDF : 3634934.2/38

Out: 322.654 +/- 0.047 χ^2/NDF : 3879058.7/41

All: 321.830 +/- 0.034 χ^2/NDF : 7514609.3/80

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: -16.626 $\pm$ 21.517 χ^2 /NDF:25.8/23

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 2.133 $\pm$ 22.126 χ^2 /NDF:18.5/21

Left: -7.508 $\pm$ 15.426 χ^2 /NDF: 44.7/45

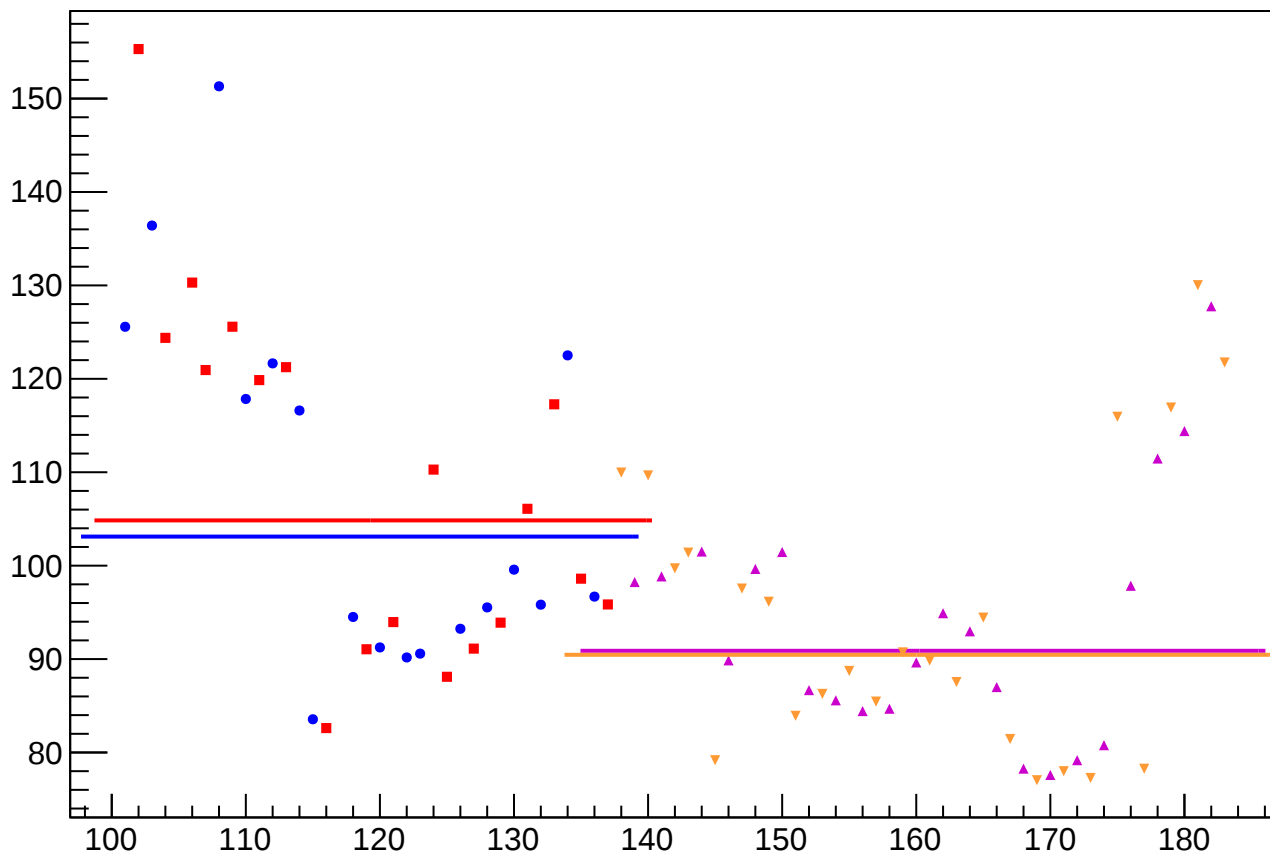
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.192 $\pm$ 19.402 χ^2 /NDF:41.3/38

Out: 19.947 $\pm$ 18.984 χ^2 /NDF:56.3/41

All: 30.828 $\pm$ 13.569 χ^2 /NDF: 98.3/80

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.458 $\pm$ 0.015 χ^2 /NDF: 760582.7/23

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 90.886 $\pm$ 0.016 χ^2 /NDF: 506445.8/21

Left: 90.666 $\pm$ 0.011 χ^2 /NDF: 1267412.9/45

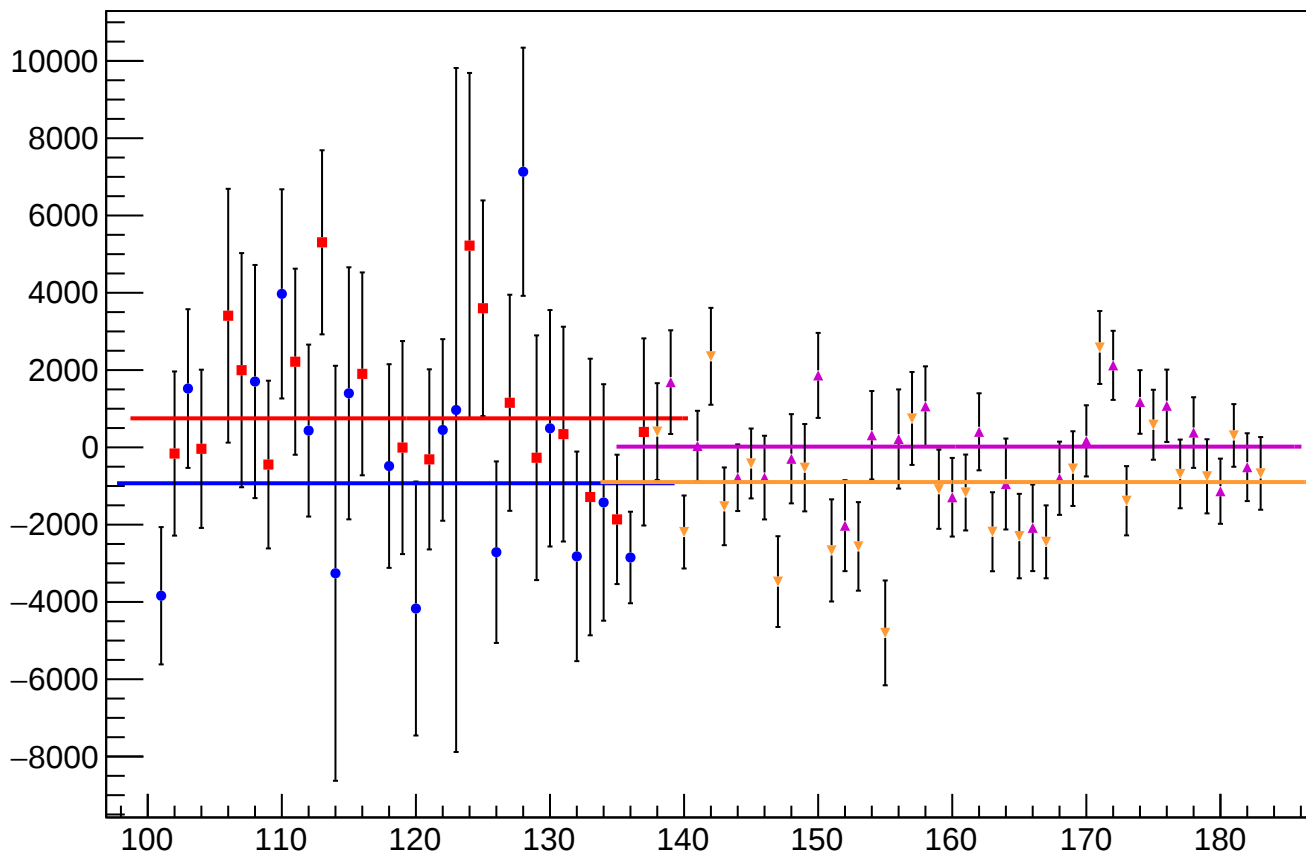
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 93.711 $\pm$ 0.014 χ^2 /NDF: 954015.6/38

Out: 93.645 $\pm$ 0.013 χ^2 /NDF: 1327341.4/41

All: 93.678 $\pm$ 0.010 χ^2 /NDF: 2281368.9/80

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -897.998 ± 207.362 $\chi^2/\text{NDF}: 54.4/23$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: 18.889 ± 212.614 $\chi^2/\text{NDF}: 27.9/21$

Left: -451.018 ± 148.449 $\chi^2/\text{NDF}: 91.9/45$

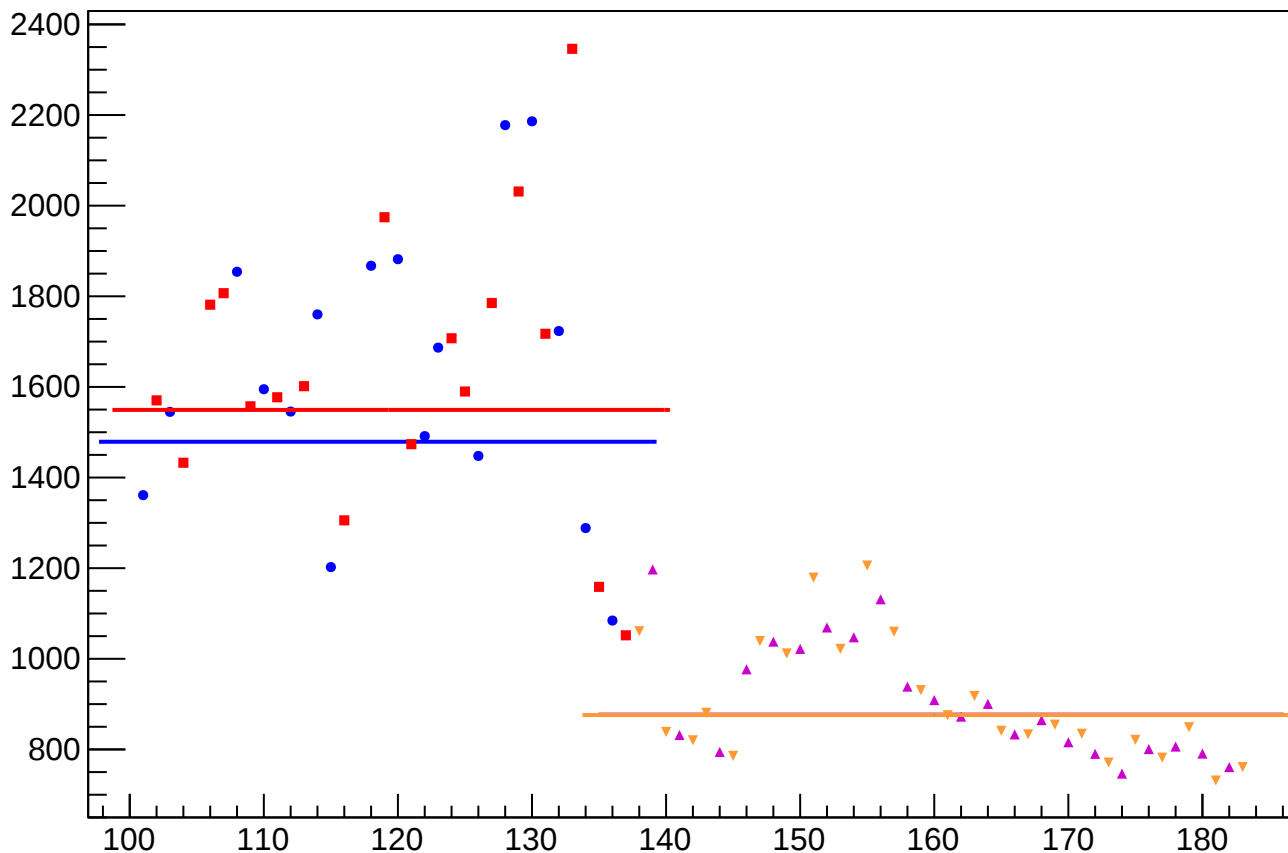
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -91.047 ± 199.904 $\chi^2/\text{NDF}: 51.1/38$

Out: -719.356 ± 195.810 $\chi^2/\text{NDF}: 72.2/41$

All: -411.701 ± 139.883 $\chi^2/\text{NDF}: 128.3/80$

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: 875.962 $\pm$ 0.147 χ^2 /NDF: 613112.3/23

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 876.892 $\pm$ 0.150 χ^2 /NDF: 576159.2/21

Left: 876.416 $\pm$ 0.105 χ^2 /NDF: 1189291.1/45

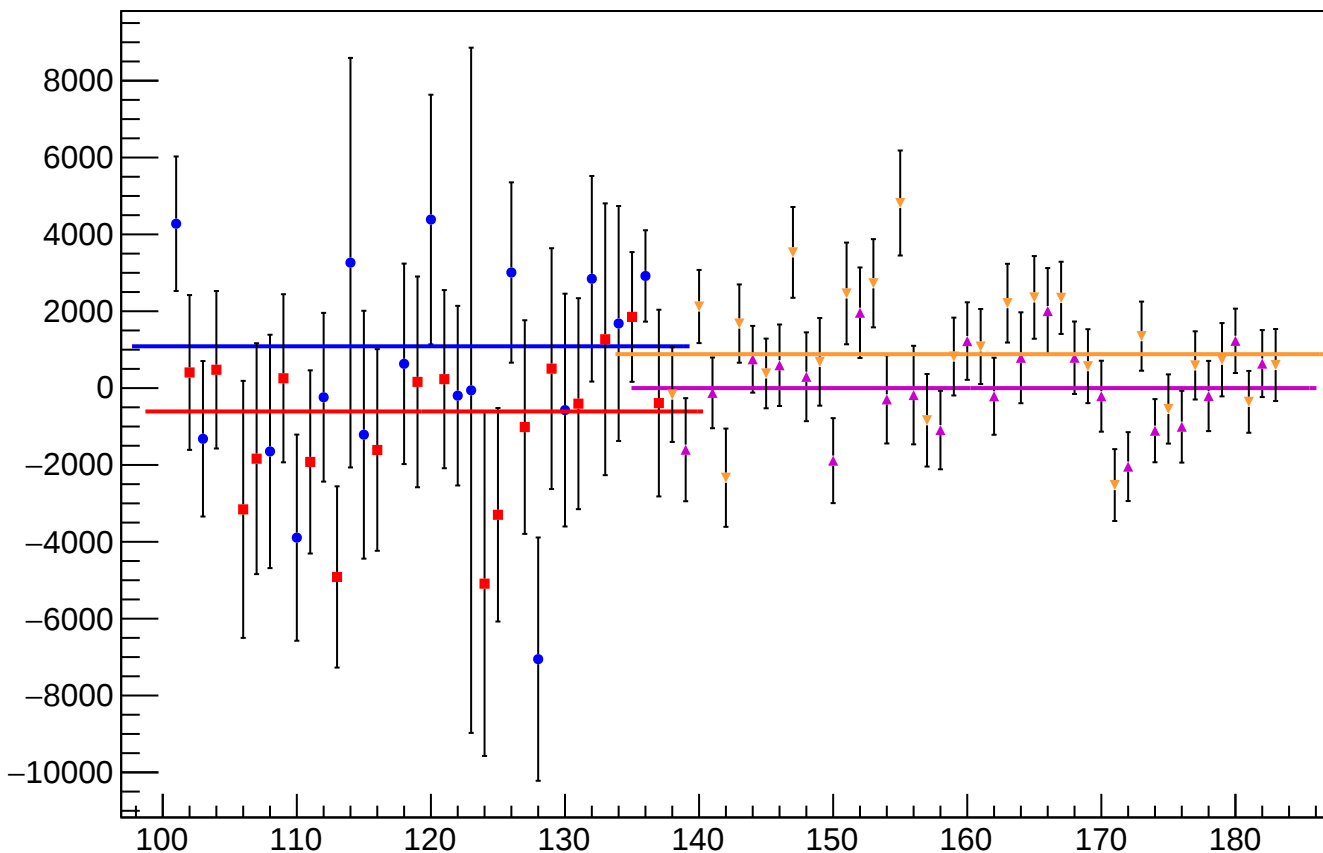
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 946.729 $\pm$ 0.141 χ^2 /NDF: 3026129.0/38

Out: 948.892 $\pm$ 0.138 χ^2 /NDF: 3359624.6/41

All: 947.833 $\pm$ 0.099 χ^2 /NDF: 6385873.2/80

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: 883.136 $\pm$ 207.121 χ^2 /NDF:53.8/23

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 0.257 $\pm$ 212.425 χ^2 /NDF:26.3/21

Left: 452.856 $\pm$ 148.296 χ^2 /NDF: 89.0/45

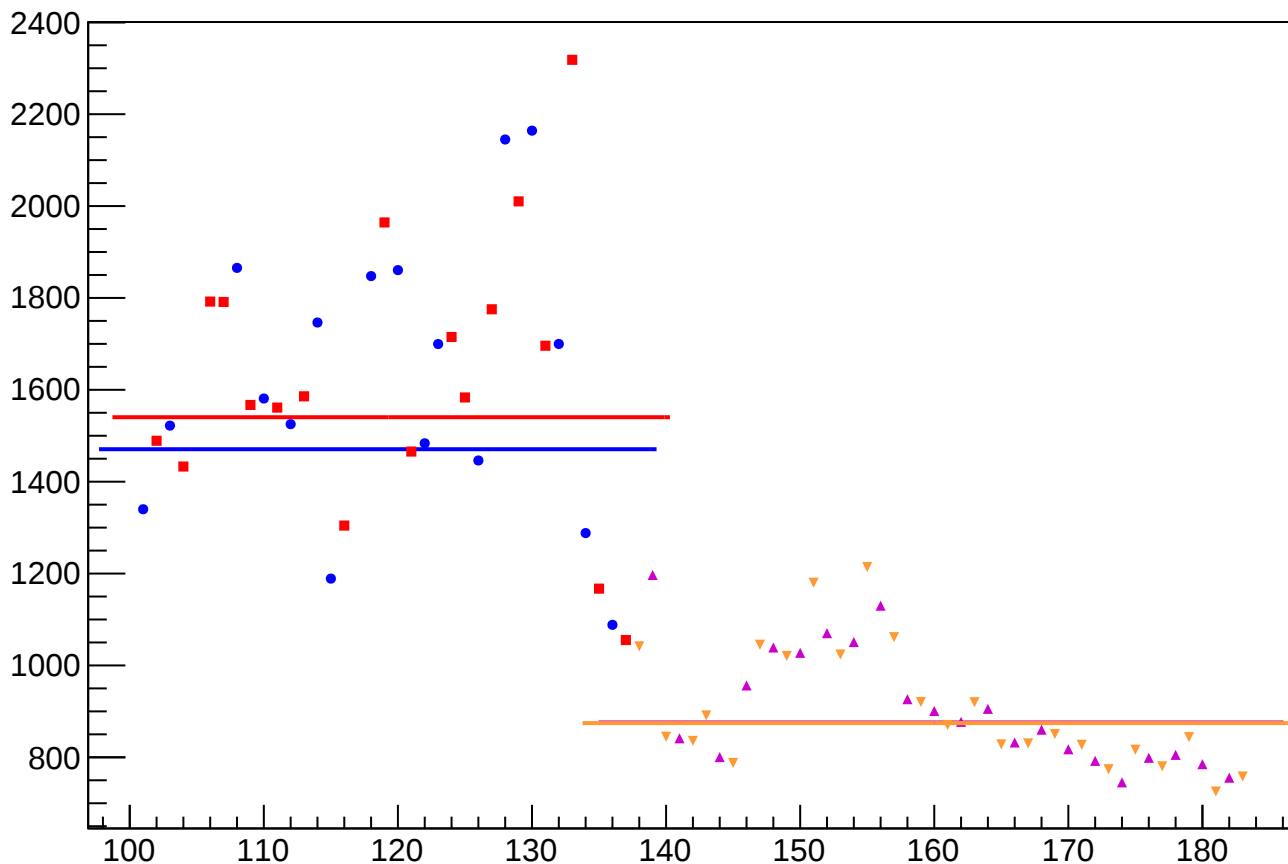
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 127.615 $\pm$ 199.602 χ^2 /NDF:51.2/38

Out: 720.304 $\pm$ 195.485 χ^2 /NDF:69.4/41

All: 430.135 $\pm$ 139.661 χ^2 /NDF: 125.2/80

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 874.482 $\pm$ 0.146 χ^2 /NDF: 625957.8/23

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 875.910 $\pm$ 0.150 χ^2 /NDF: 574740.5/21

Left: 875.178 $\pm$ 0.105 χ^2 /NDF: 1200744.6/45

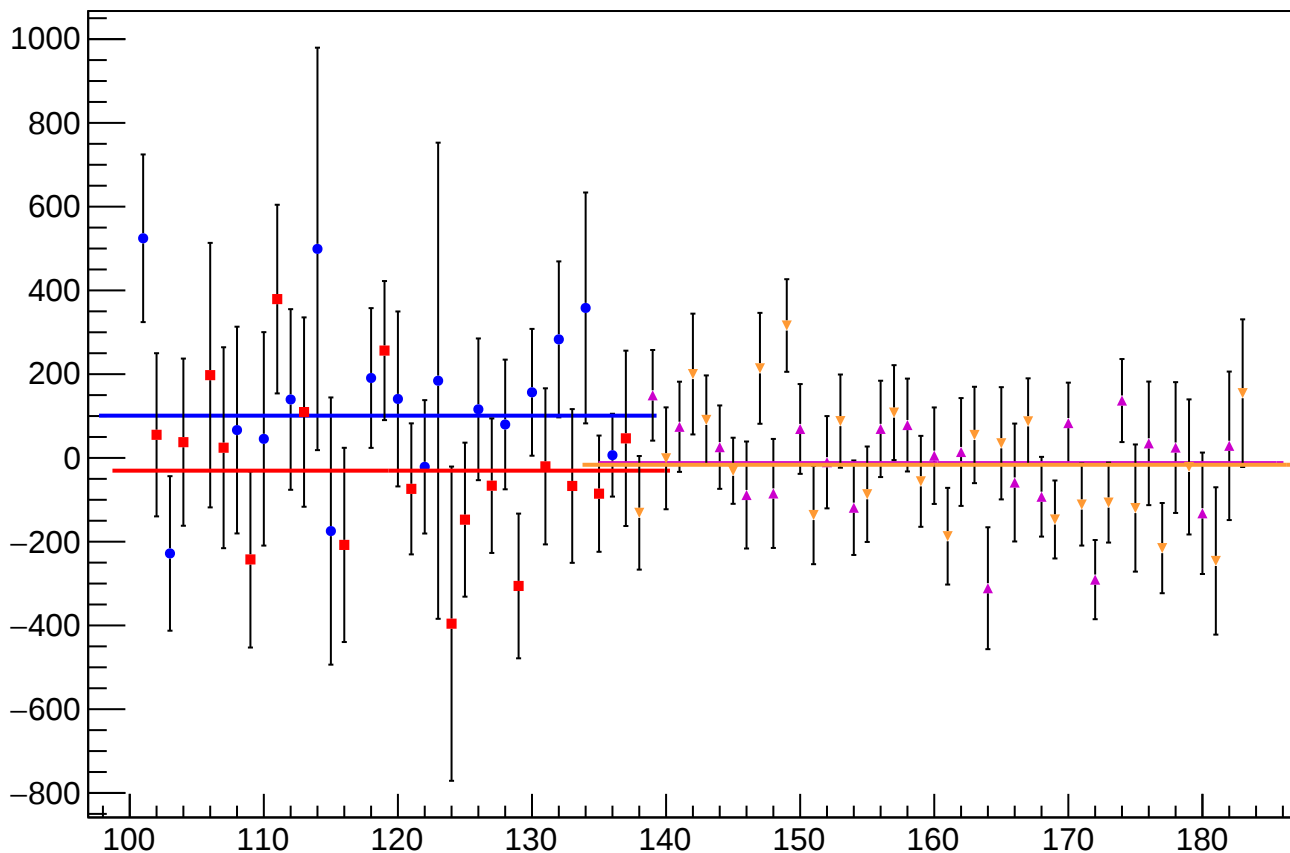
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 945.549 $\pm$ 0.141 χ^2 /NDF: 2978278.3/38

Out: 947.197 $\pm$ 0.138 χ^2 /NDF: 3326063.0/41

All: 946.390 $\pm$ 0.099 χ^2 /NDF: 6304410.9/80

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: -16.336 ± 23.481 $\chi^2/\text{NDF}: 33.8/23$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: -12.415 ± 24.780 $\chi^2/\text{NDF}: 24.2/21$

Left: -14.481 ± 17.044 $\chi^2/\text{NDF}: 58.1/45$

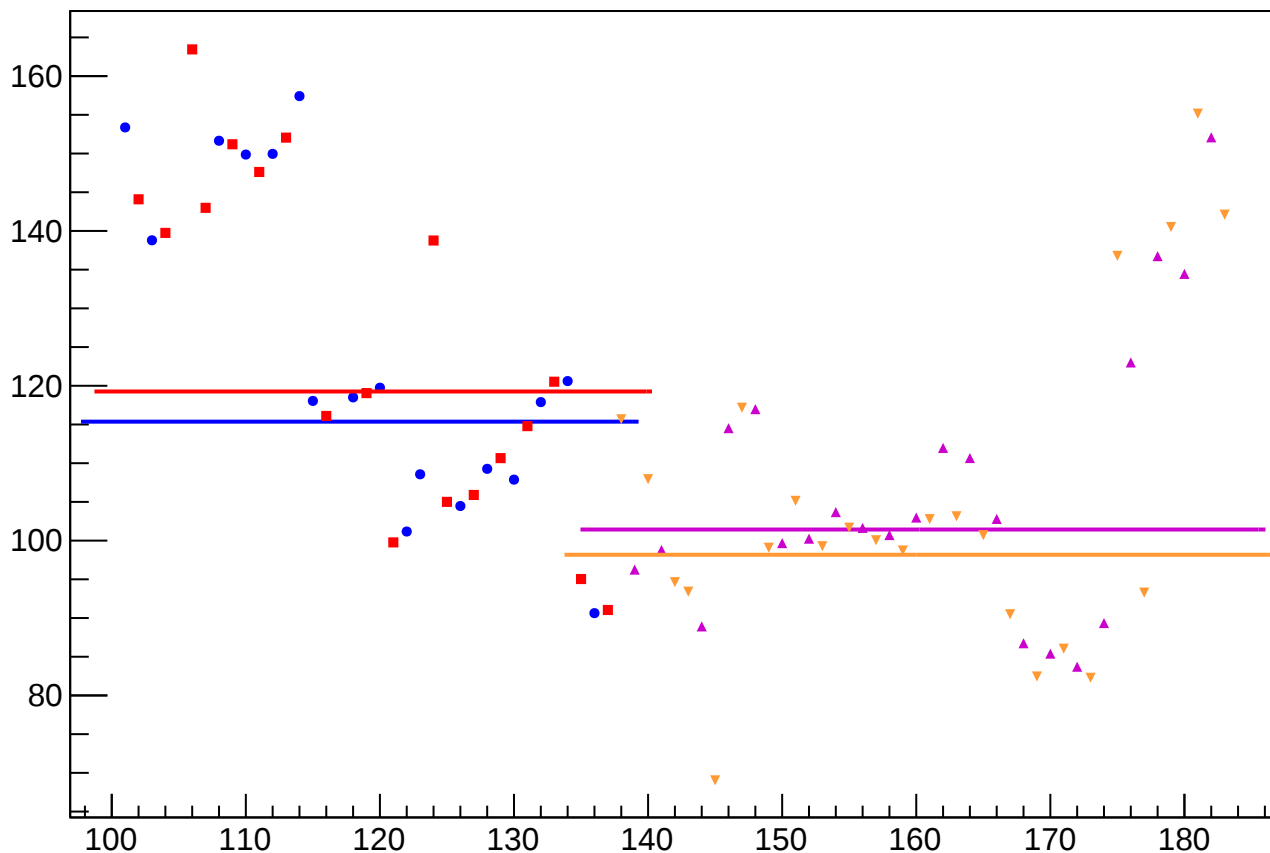
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 13.702 ± 21.738 $\chi^2/\text{NDF}: 42.1/38$

Out: -19.275 ± 20.886 $\chi^2/\text{NDF}: 47.4/41$

All: -3.445 ± 15.061 $\chi^2/\text{NDF}: 90.7/80$

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: 98.172 $\pm$ 0.017 χ^2 /NDF:1142321.5/23

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.433 $\pm$ 0.018 χ^2 /NDF:725403.7/21

Left: 99.715 $\pm$ 0.012 χ^2 /NDF: 1885974.7/45

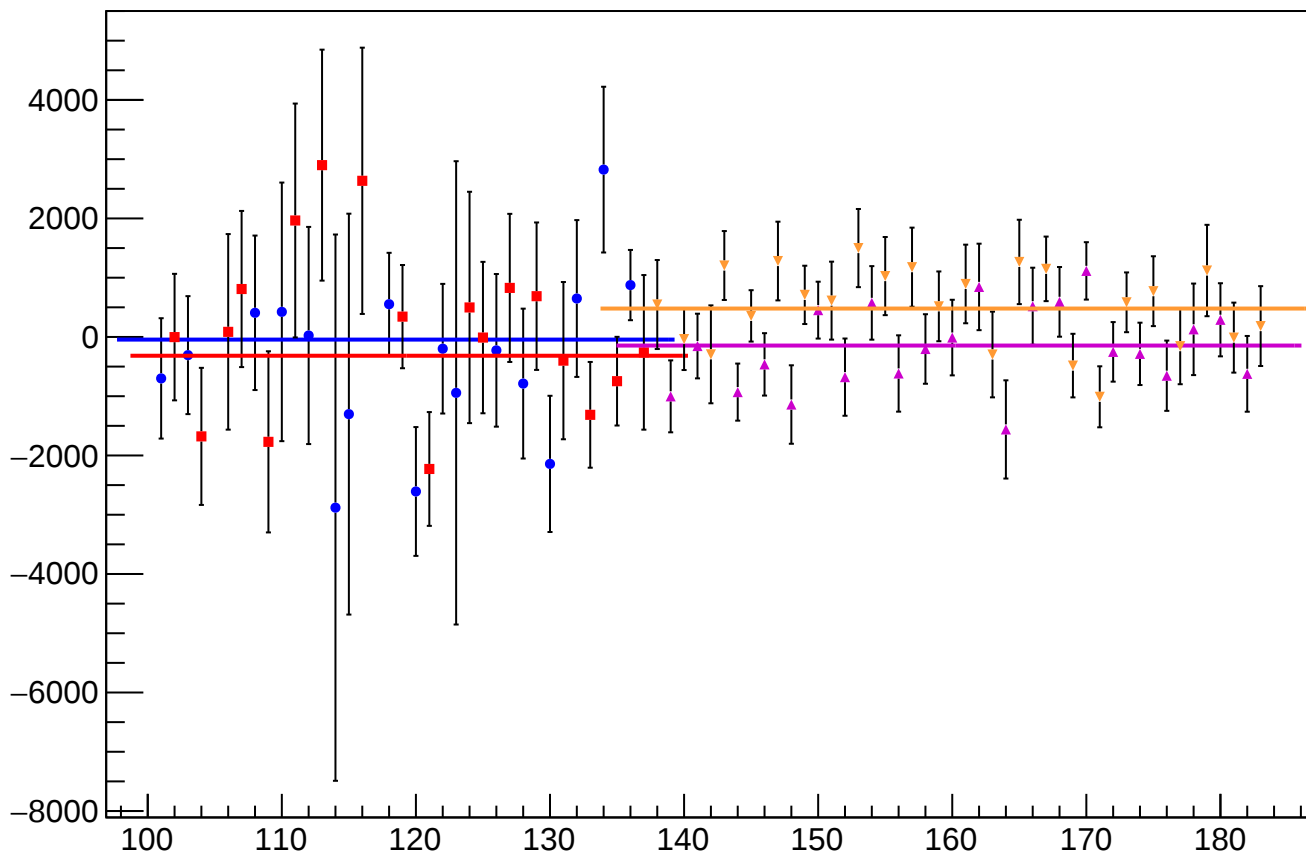
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 104.644 $\pm$ 0.015 χ^2 /NDF:1282480.6/38

Out: 102.575 $\pm$ 0.015 χ^2 /NDF:1877530.0/41

All: 103.568 $\pm$ 0.011 χ^2 /NDF: 3169427.2/80

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 479.345 ± 122.734 $\chi^2/\text{NDF}: 28.1/23$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -145.034 ± 125.626 $\chi^2/\text{NDF}: 27.6/21$

Left: 174.425 ± 87.791 $\chi^2/\text{NDF}: 68.3/45$

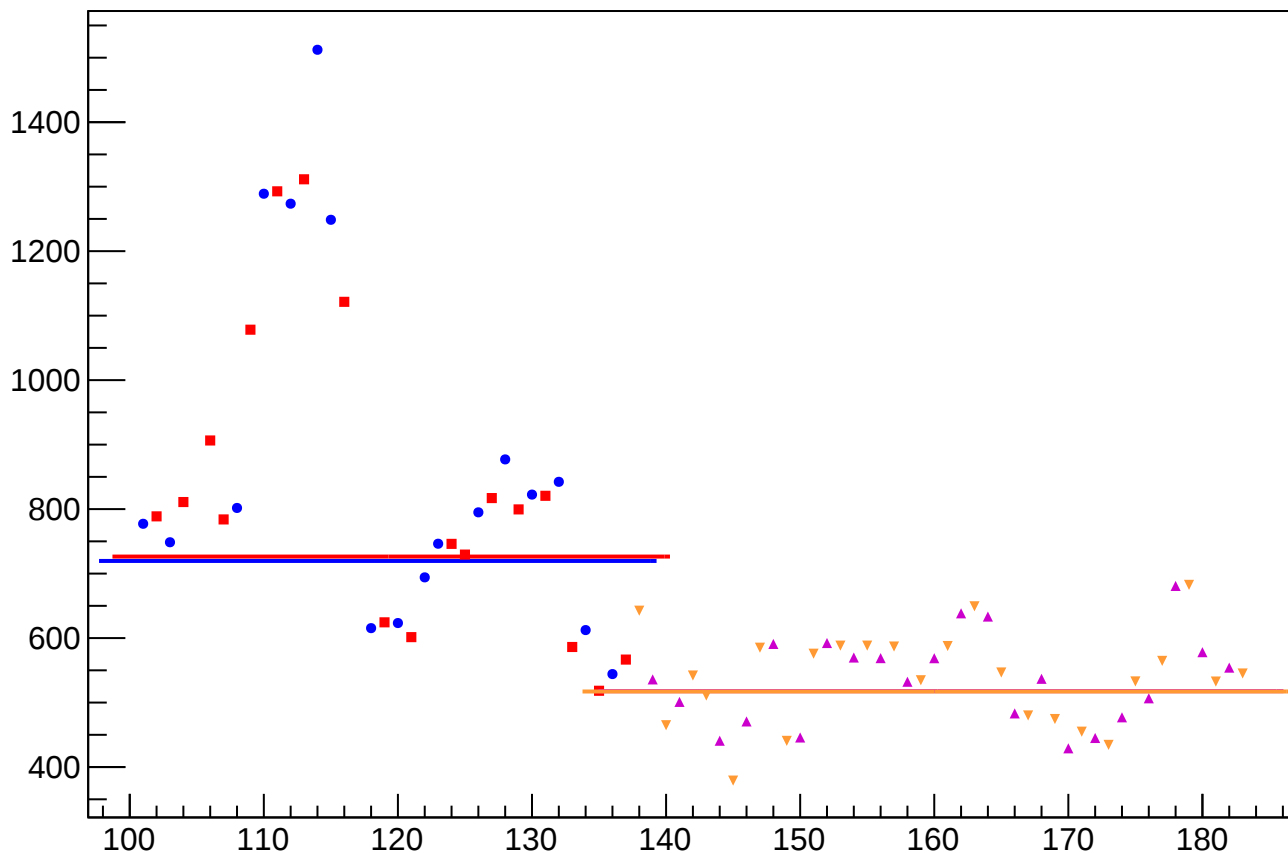
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -128.809 ± 115.038 $\chi^2/\text{NDF}: 45.6/38$

Out: 353.363 ± 112.608 $\chi^2/\text{NDF}: 51.6/41$

All: 117.423 ± 80.471 $\chi^2/\text{NDF}: 106.1/80$

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: 517.174 $\pm$ 0.087 χ^2 /NDF: 743378.7/23

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 517.675 $\pm$ 0.089 χ^2 /NDF: 544649.0/21

Left: 517.418 $\pm$ 0.062 χ^2 /NDF: 1288043.9/45

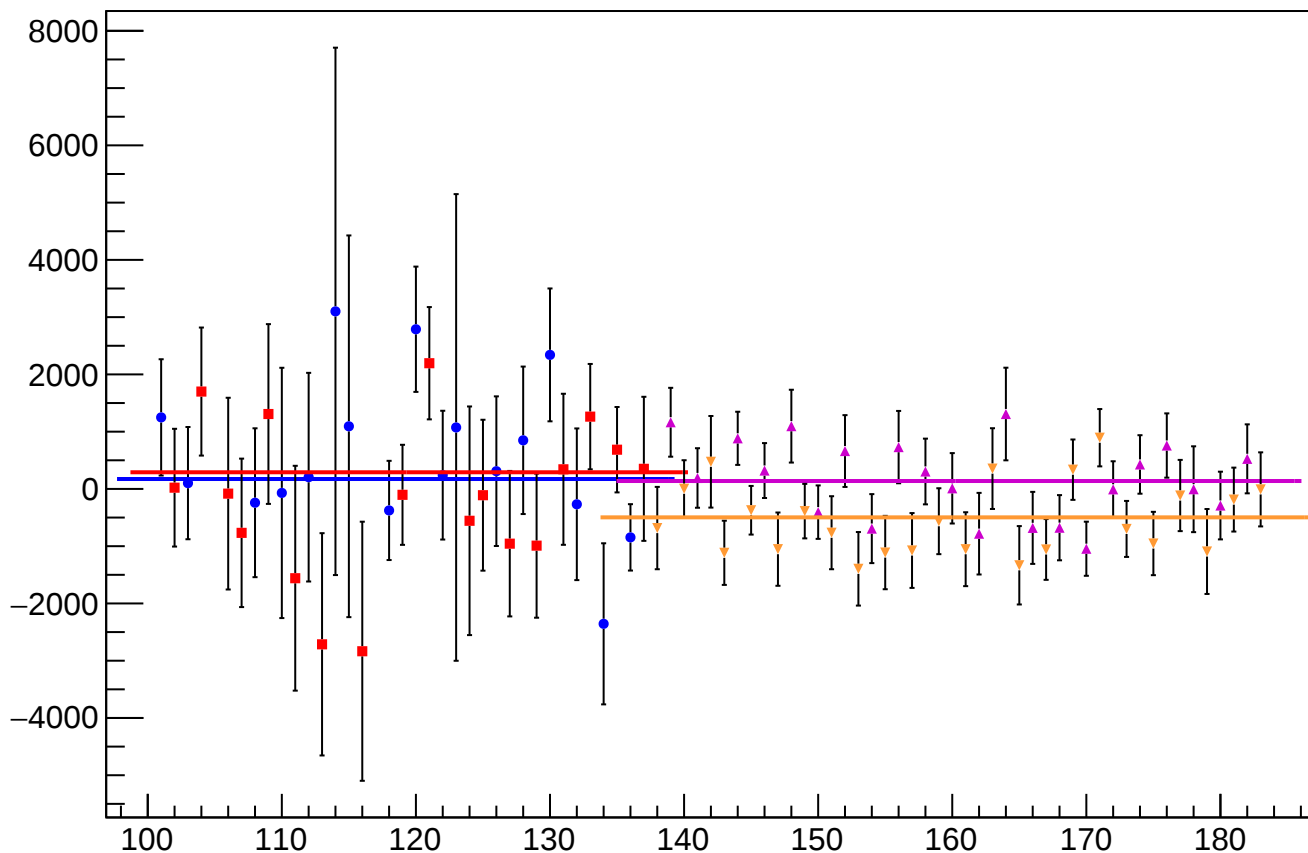
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.280 $\pm$ 0.081 χ^2 /NDF: 2125974.2/38

Out: 550.274 $\pm$ 0.080 χ^2 /NDF: 2543839.0/41

All: 550.277 $\pm$ 0.057 χ^2 /NDF: 4669813.2/80

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: -496.565 $\pm$ 118.730 χ^2 /NDF:26.3/23

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 138.195 $\pm$ 121.119 χ^2 /NDF:29.3/21

Left: -185.506 $\pm$ 84.787 χ^2 /NDF: 69.6/45

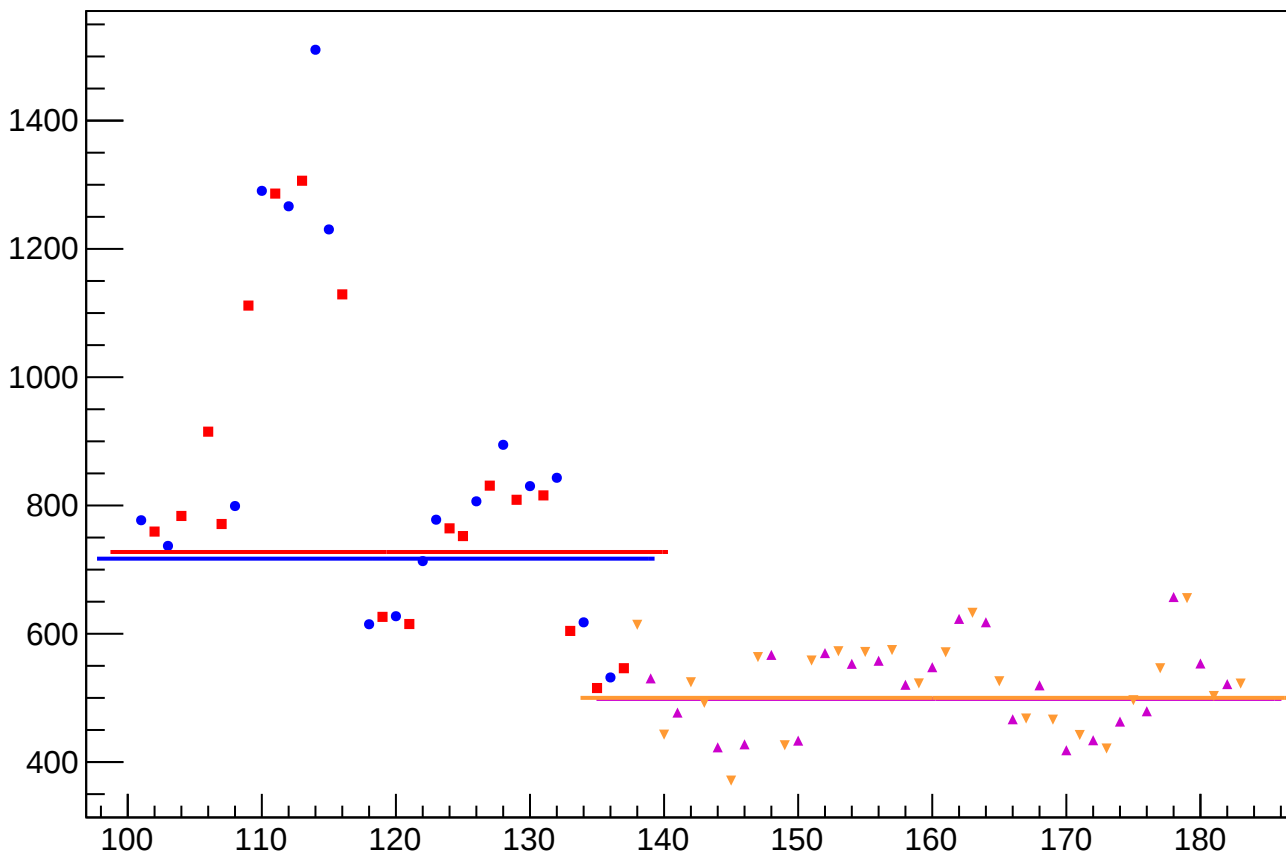
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 143.526 $\pm$ 111.510 χ^2 /NDF:47.4/38

Out: -379.106 $\pm$ 109.516 χ^2 /NDF:48.5/41

All: -122.504 $\pm$ 78.135 χ^2 /NDF: 107.0/80

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: 500.067 $\pm$ 0.084 χ^2 /NDF: 721326.2/23

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 498.408 $\pm$ 0.086 χ^2 /NDF: 570662.5/21

Left: 499.254 $\pm$ 0.060 χ^2 /NDF: 1292179.9/45

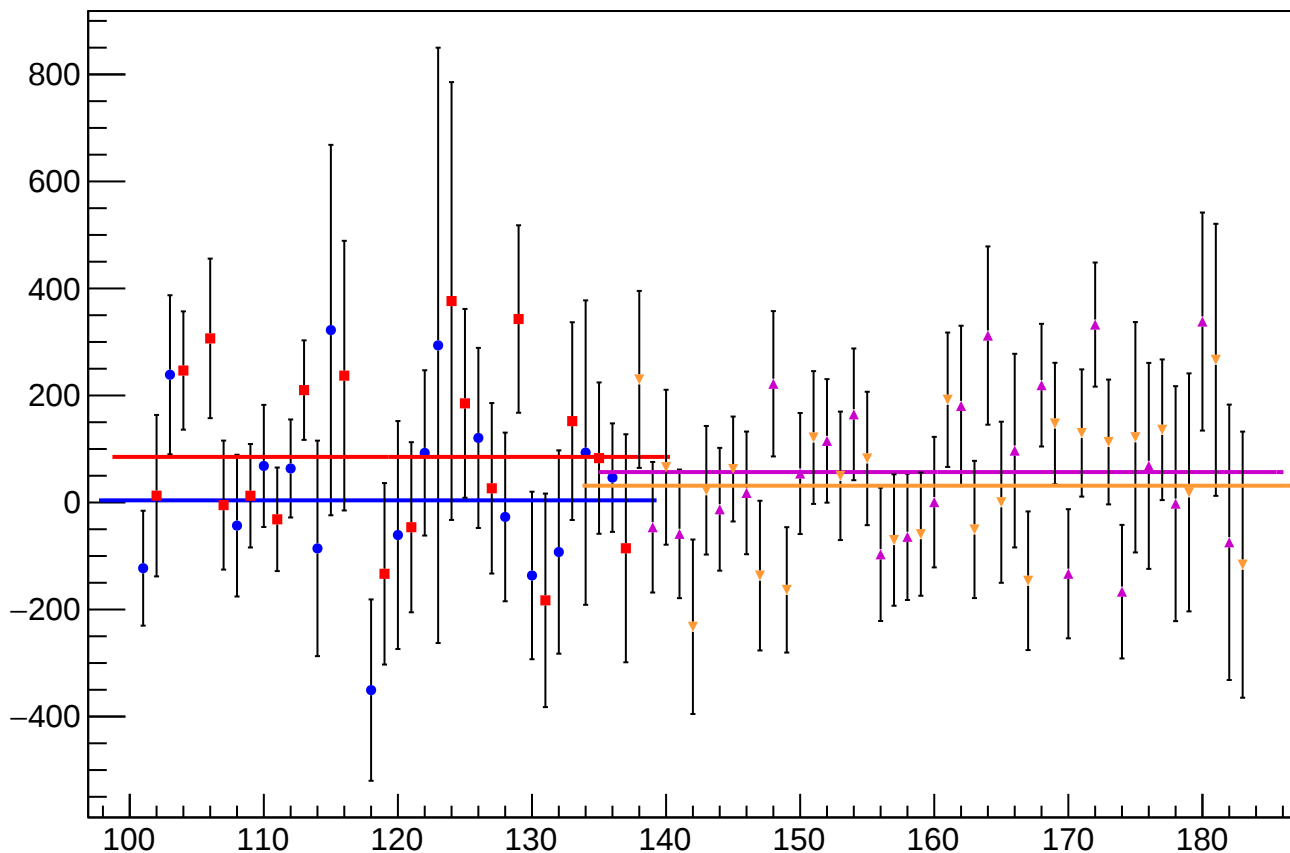
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 531.727 $\pm$ 0.079 χ^2 /NDF: 2346451.9/38

Out: 533.994 $\pm$ 0.077 χ^2 /NDF: 2697053.3/41

All: 532.881 $\pm$ 0.055 χ^2 /NDF: 5043925.7/80

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2/NDF : 12.7/16

Left Out: 31.384 $\pm$ 27.309 χ^2/NDF : 18.7/23

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 56.849 $\pm$ 28.323 χ^2/NDF : 26.1/21

Left: 43.652 $\pm$ 19.659 χ^2/NDF : 45.1/45

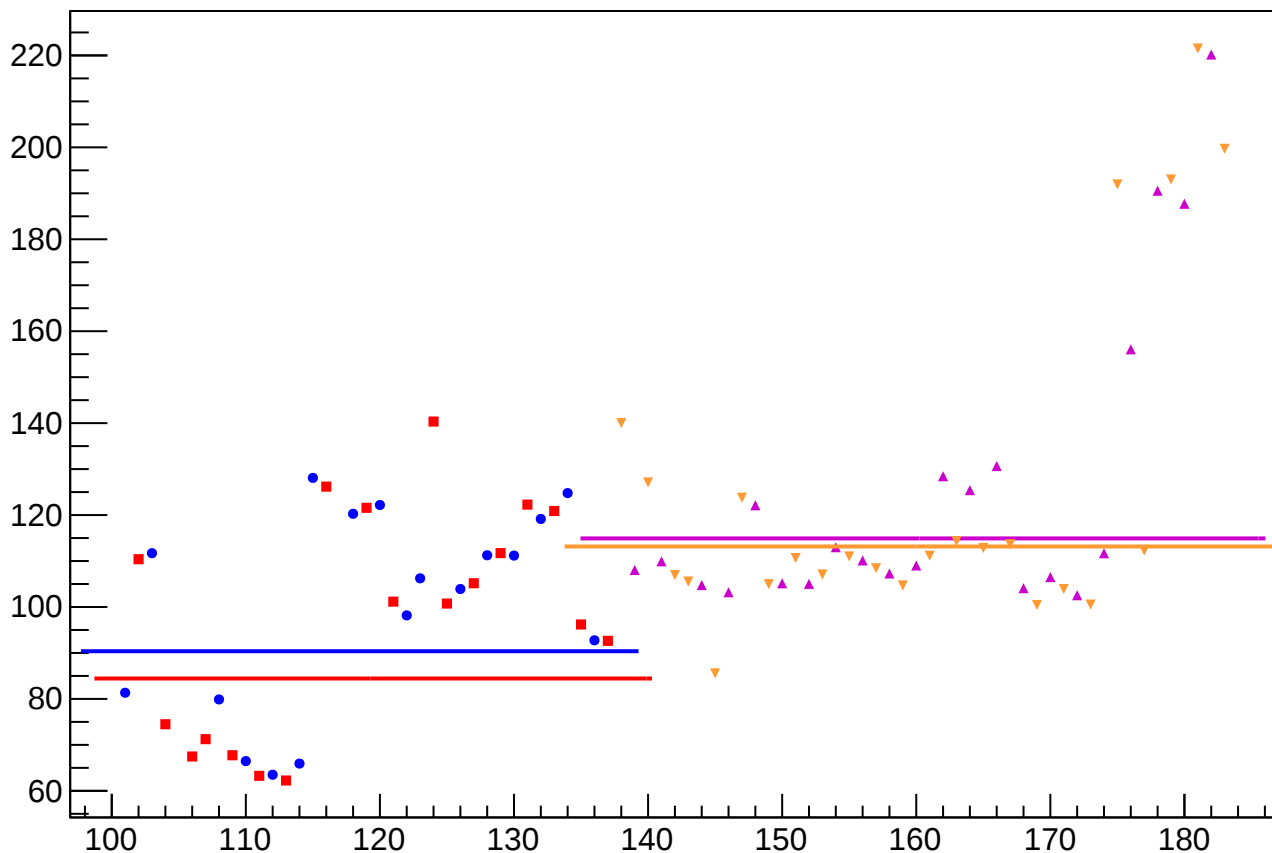
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 36.613 $\pm$ 22.248 χ^2/NDF : 40.1/38

Out: 52.938 $\pm$ 21.145 χ^2/NDF : 37.6/41

All: 45.190 $\pm$ 15.327 χ^2/NDF : 78.0/80

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 113.165+/-0.019 χ^2/NDF : 1475281.0/23

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 114.918+/-0.020 χ^2/NDF : 1107958.2/21

Left: 114.010+/-0.014 χ^2/NDF : 2587210.0/45

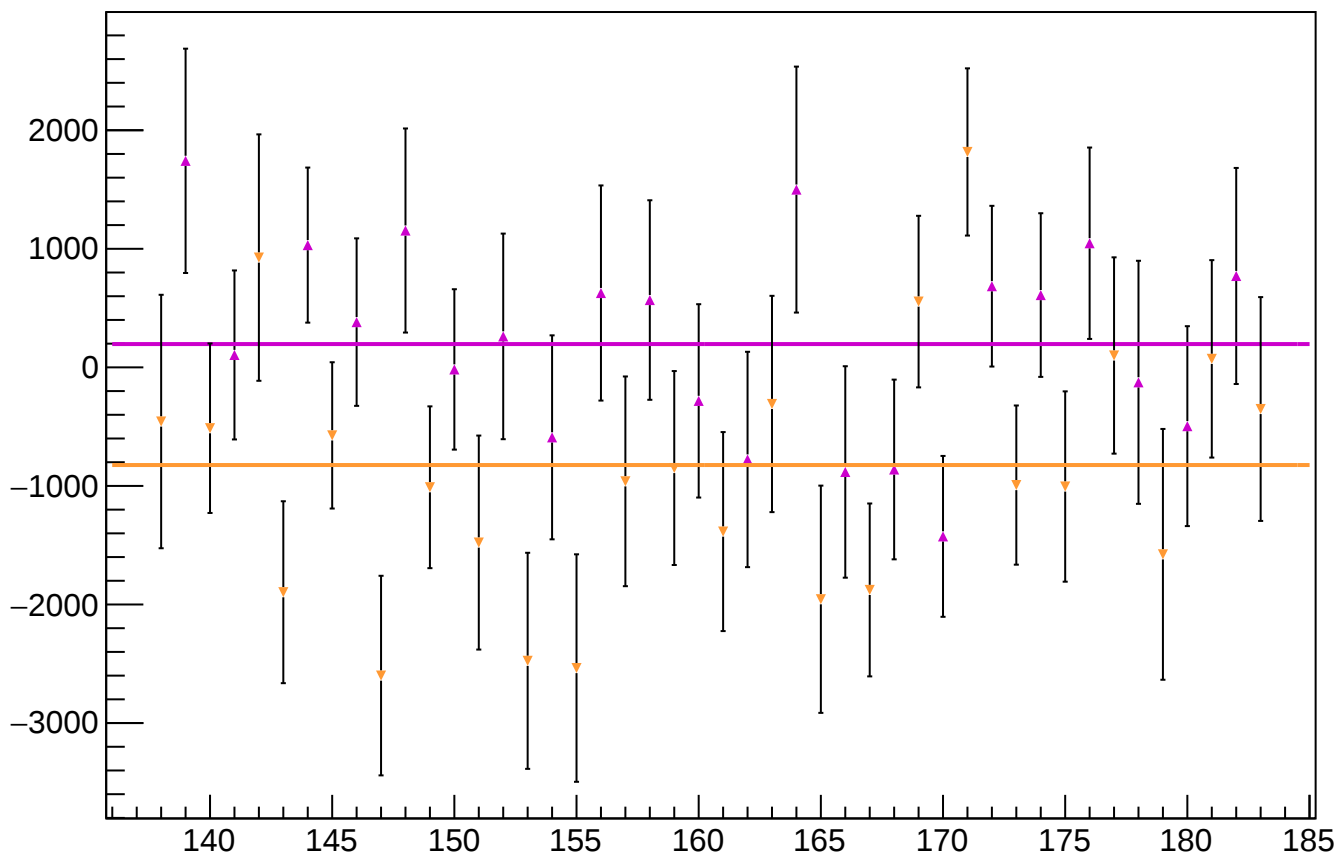
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 105.519+/-0.016 χ^2/NDF : 2337250.0/38

Out: 101.662+/-0.015 χ^2/NDF : 3232194.5/41

All: 103.492+/-0.011 χ^2/NDF : 5601018.5/80

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -823.796+/-166.352 χ^2/NDF :42.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.520+/-170.342 χ^2/NDF :22.3/21

Left: -325.727+/-119.014 χ^2/NDF : 82.7/45

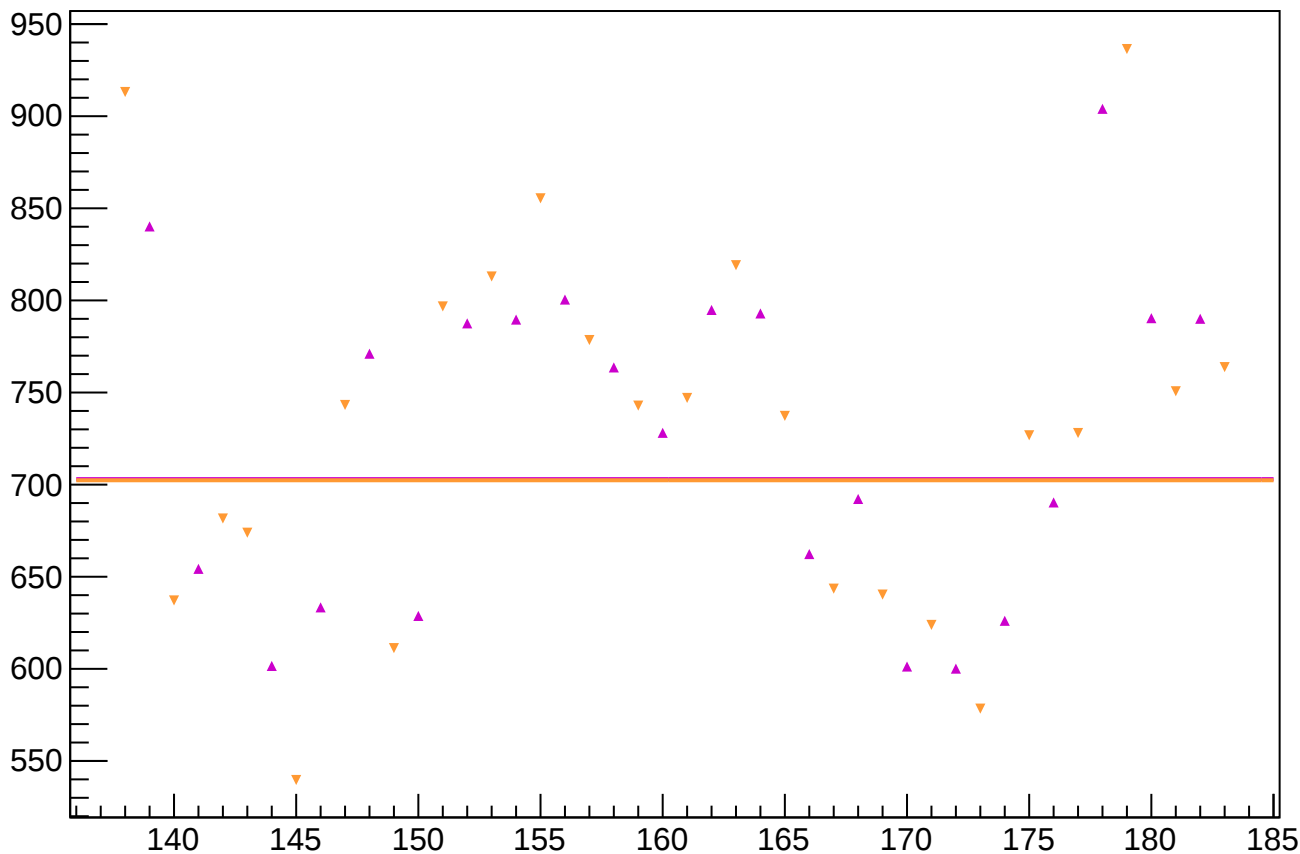
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.520+/-170.342 χ^2/NDF :22.3/21

Out: -823.796+/-166.352 χ^2/NDF :42.0/23

All: -325.727+/-119.014 χ^2/NDF : 82.7/45

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.995+/-0.120 χ^2/NDF : 503255.3/21

Left: 702.675+/-0.084 χ^2/NDF : 1181468.8/45

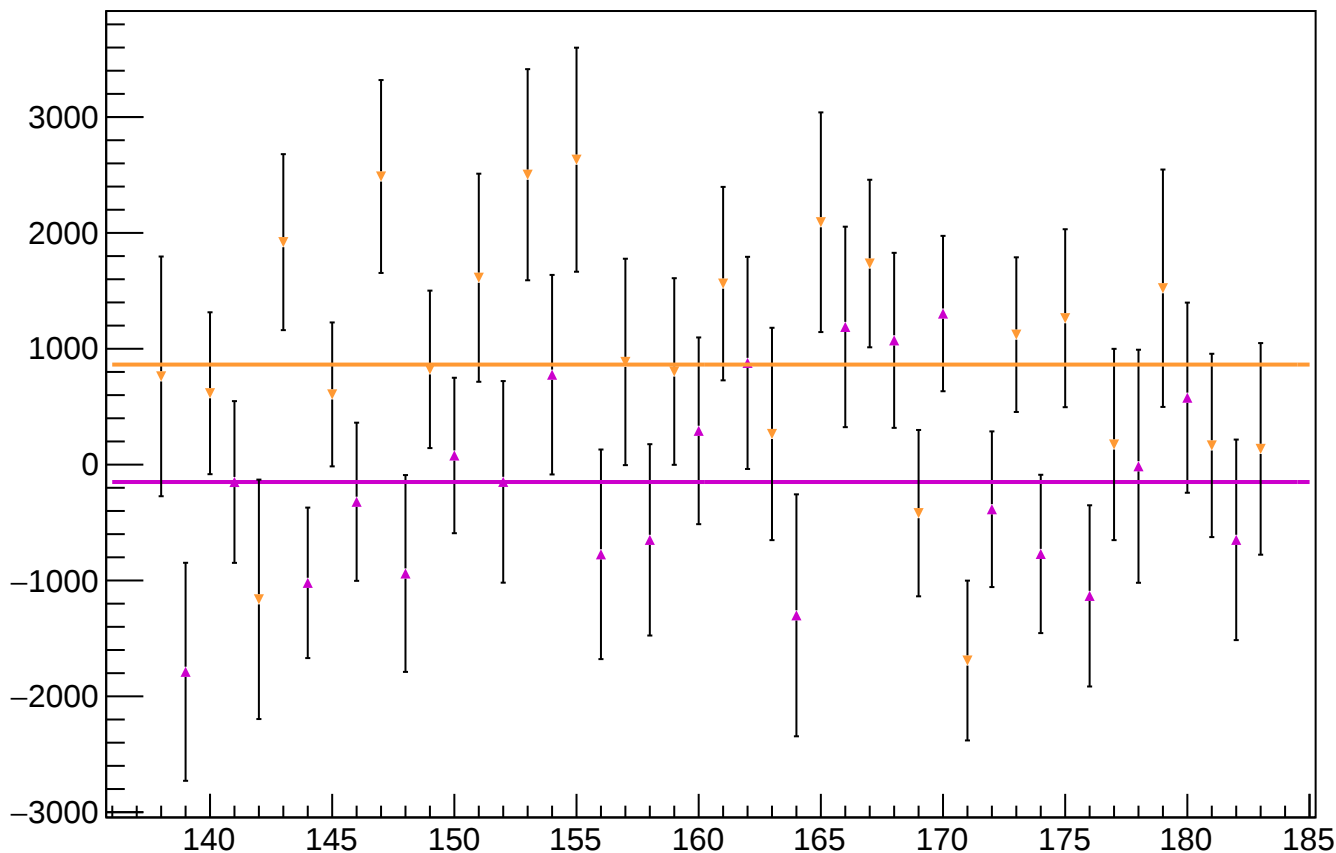
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.995+/-0.120 χ^2/NDF : 503255.3/21

Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

All: 702.675+/-0.084 χ^2/NDF : 1181468.8/45

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 863.623 ± 164.357 $\chi^2/\text{NDF}: 41.3/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -150.068 ± 168.008 $\chi^2/\text{NDF}: 24.0/21$

Left: 367.911 ± 117.487 $\chi^2/\text{NDF}: 83.9/45$

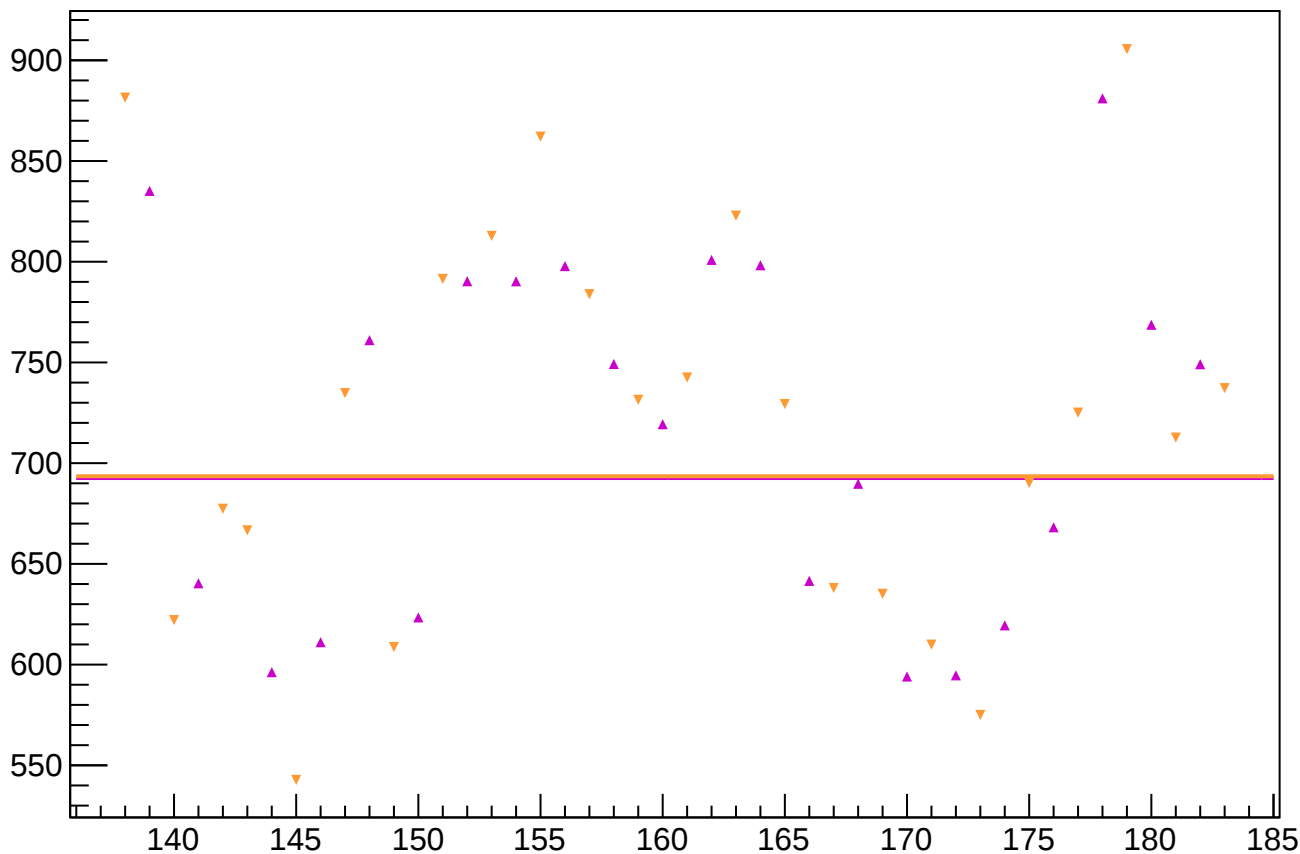
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -150.068 ± 168.008 $\chi^2/\text{NDF}: 24.0/21$

Out: 863.623 ± 164.357 $\chi^2/\text{NDF}: 41.3/23$

All: 367.911 ± 117.487 $\chi^2/\text{NDF}: 83.9/45$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Left: 693.071+/-0.083 χ^2/NDF : 1164633.0/45

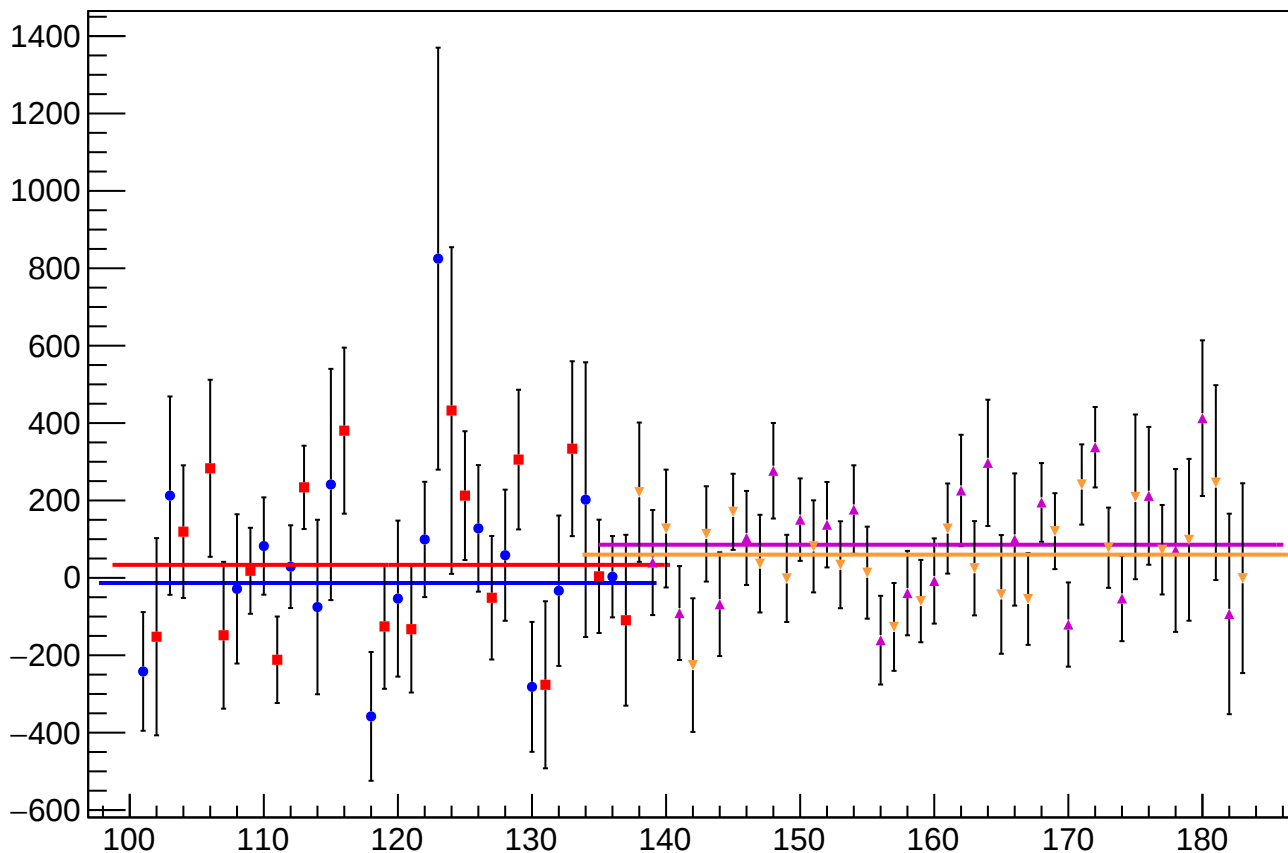
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 692.619+/-0.119 χ^2/NDF : 515500.5/21

Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

All: 693.071+/-0.083 χ^2/NDF : 1164633.0/45

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 $\pm$ 40.554 χ^2/NDF : 15.7/16

Left Out: 60.055 $\pm$ 25.802 χ^2/NDF :16.2/23

Right Out: 33.637 $\pm$ 38.891 χ^2/NDF : 24.7/17

Left In: 85.624 $\pm$ 27.016 χ^2/NDF :32.3/21

Left: 72.252 $\pm$ 18.659 χ^2/NDF : 49.0/45

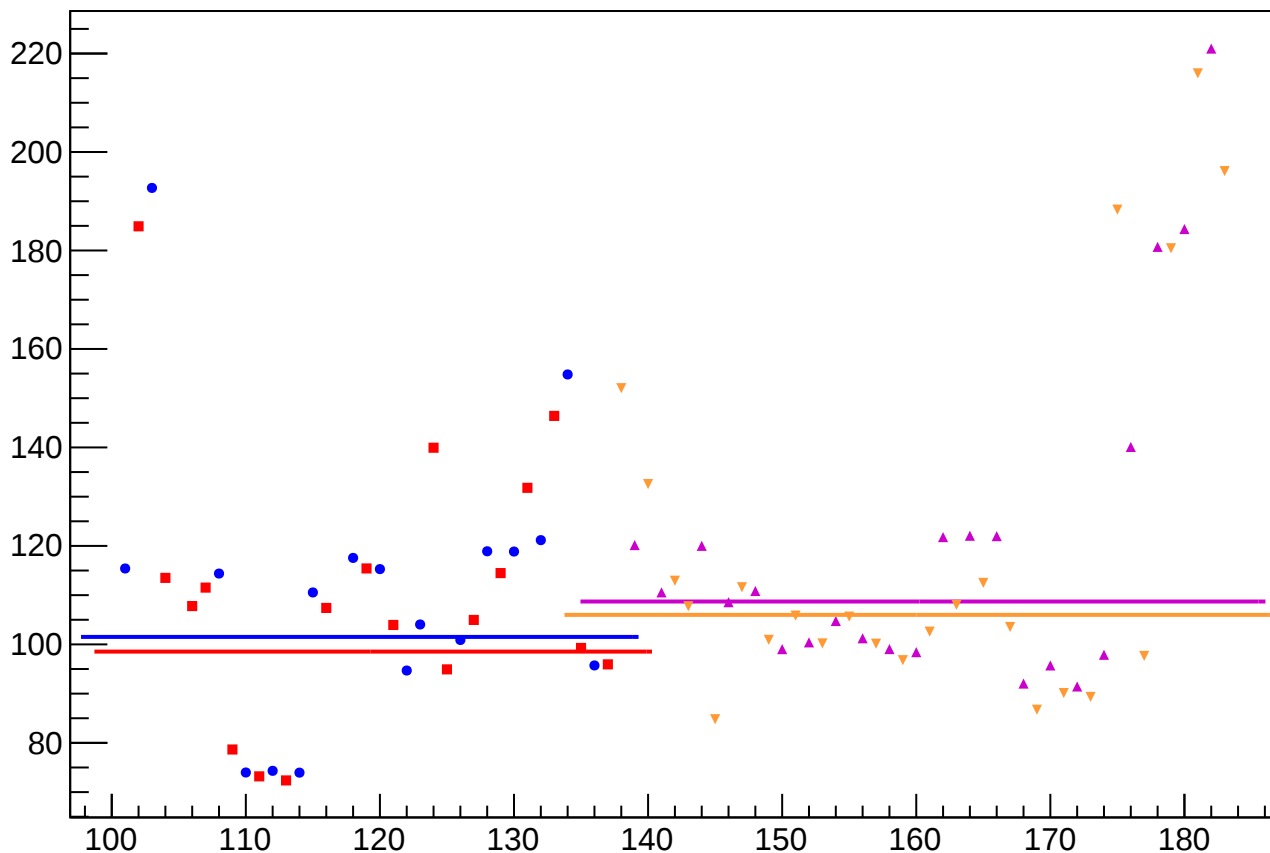
Right: 11.191 $\pm$ 28.070 χ^2/NDF : 41.1/34

In: 55.243 $\pm$ 22.484 χ^2/NDF :52.1/38

Out: 51.981 $\pm$ 21.500 χ^2/NDF :41.2/41

All: 53.539 $\pm$ 15.539 χ^2/NDF : 93.3/80

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: 105.996 $\pm$ 0.018 χ^2 /NDF: 1719045.8/23

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 108.708 $\pm$ 0.019 χ^2 /NDF: 1255171.4/21

Left: 107.290 $\pm$ 0.013 χ^2 /NDF: 2984753.3/45

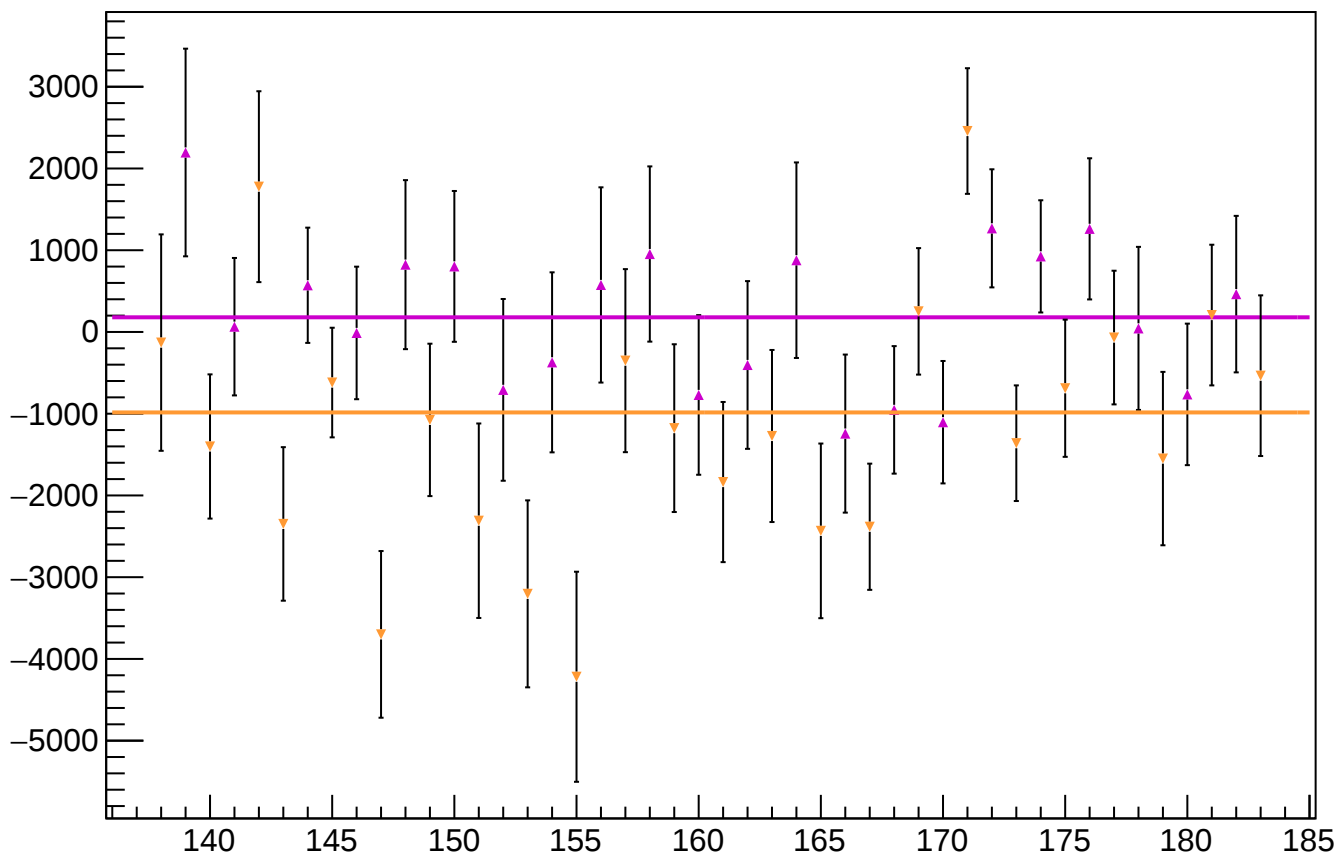
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 106.498 $\pm$ 0.016 χ^2 /NDF: 1980410.0/38

Out: 103.716 $\pm$ 0.015 χ^2 /NDF: 2517116.4/41

All: 105.045 $\pm$ 0.011 χ^2 /NDF: 4513517.9/80

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -984.461+/-189.203 χ^2/NDF :60.1/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 179.319+/-192.852 χ^2/NDF :20.4/21

Left: -413.684+/-135.058 χ^2/NDF : 99.0/45

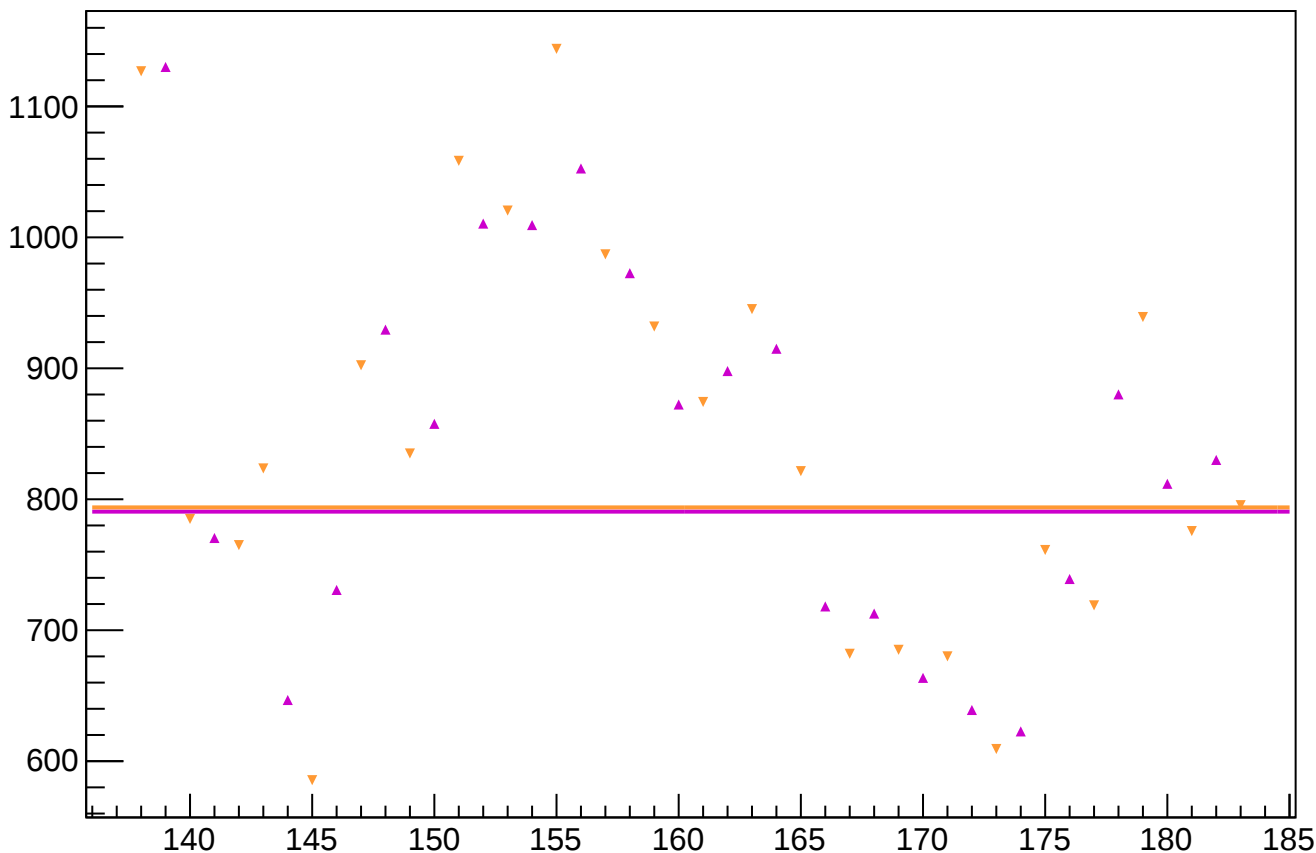
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.319+/-192.852 χ^2/NDF :20.4/21

Out: -984.461+/-189.203 χ^2/NDF :60.1/23

All: -413.684+/-135.058 χ^2/NDF : 99.0/45

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Left: 792.209+/-0.096 χ^2/NDF : 2125108.3/45

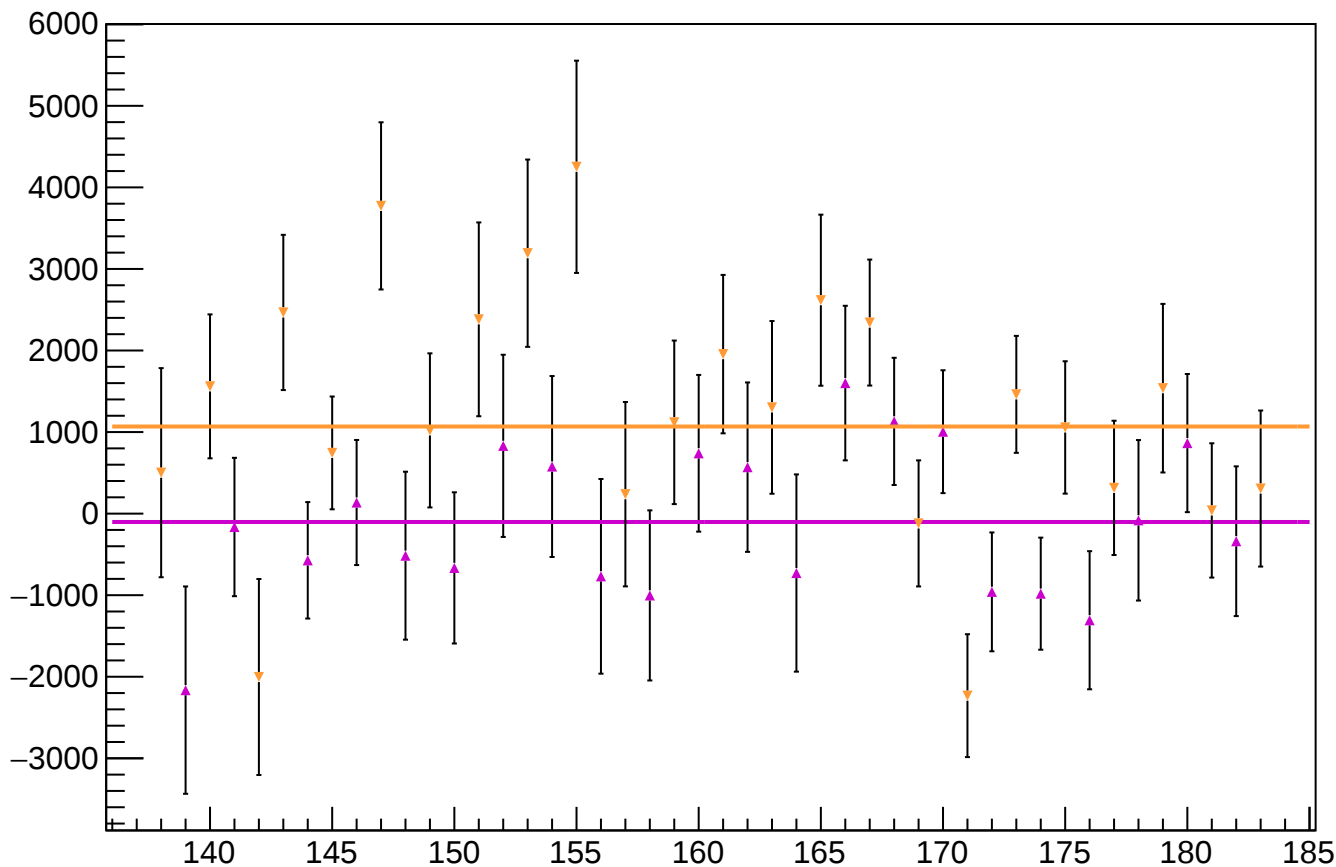
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

All: 792.209+/-0.096 χ^2/NDF : 2125108.3/45

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 1068.014 ± 188.628 $\chi^2/\text{NDF}: 58.4/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -102.508 ± 191.608 $\chi^2/\text{NDF}: 21.6/21$

Left: 491.926 ± 134.421 $\chi^2/\text{NDF}: 99.0/45$

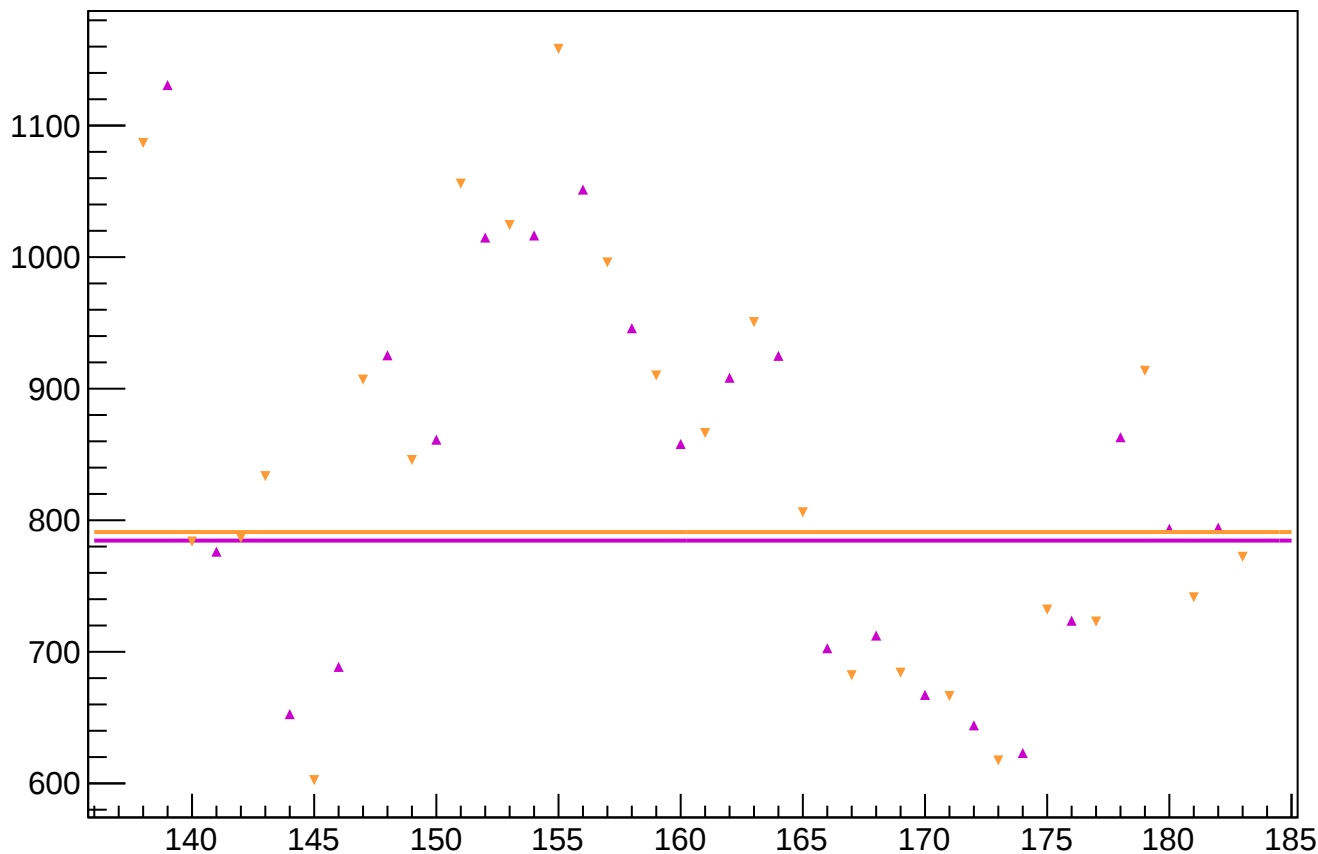
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -102.508 ± 191.608 $\chi^2/\text{NDF}: 21.6/21$

Out: 1068.014 ± 188.628 $\chi^2/\text{NDF}: 58.4/23$

All: 491.926 ± 134.421 $\chi^2/\text{NDF}: 99.0/45$

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Left: 787.843+/-0.095 χ^2/NDF : 2071474.5/45

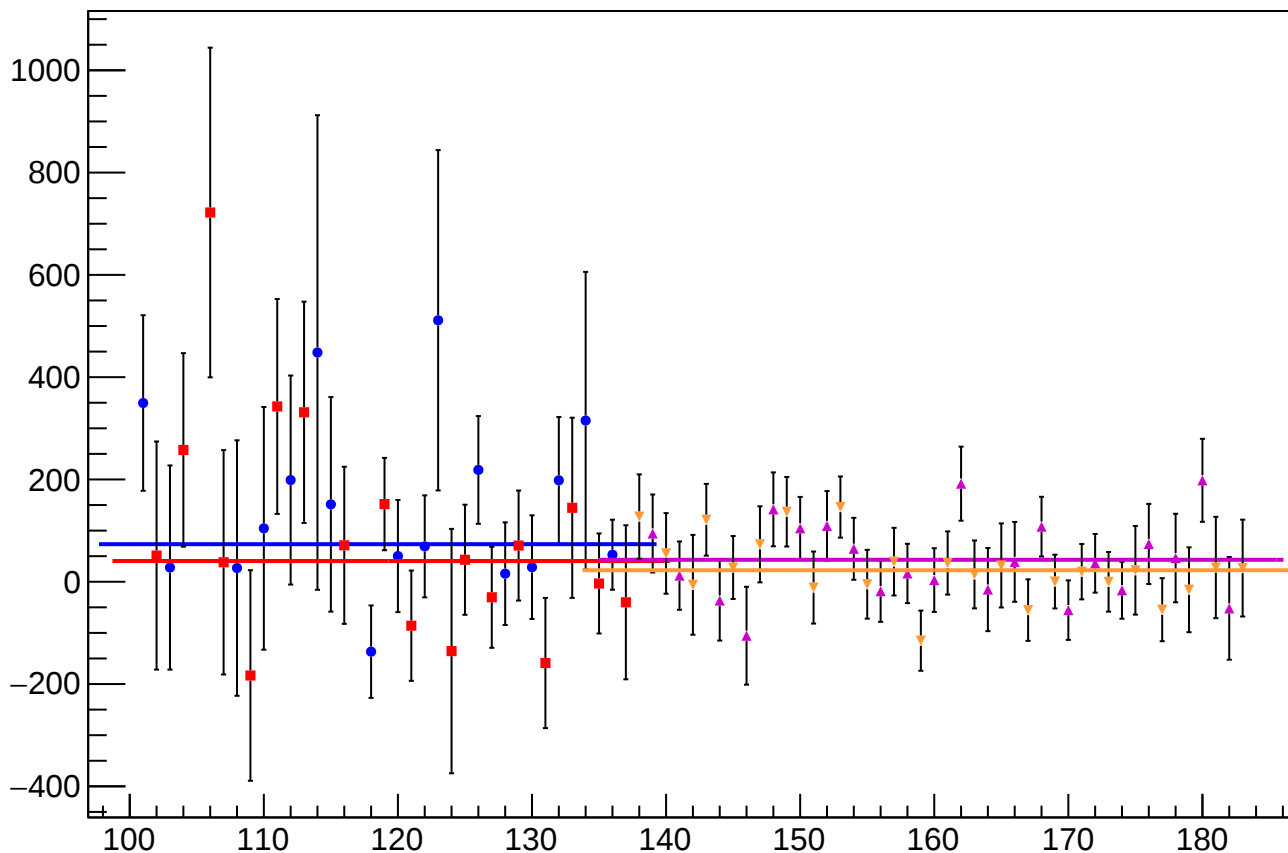
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

All: 787.843+/-0.095 χ^2/NDF : 2071474.5/45

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: 22.519 $\pm$ 13.915 χ^2 /NDF:21.2/23

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 42.958 $\pm$ 14.559 χ^2 /NDF:24.4/21

Left: 32.277 $\pm$ 10.059 χ^2 /NDF: 46.7/45

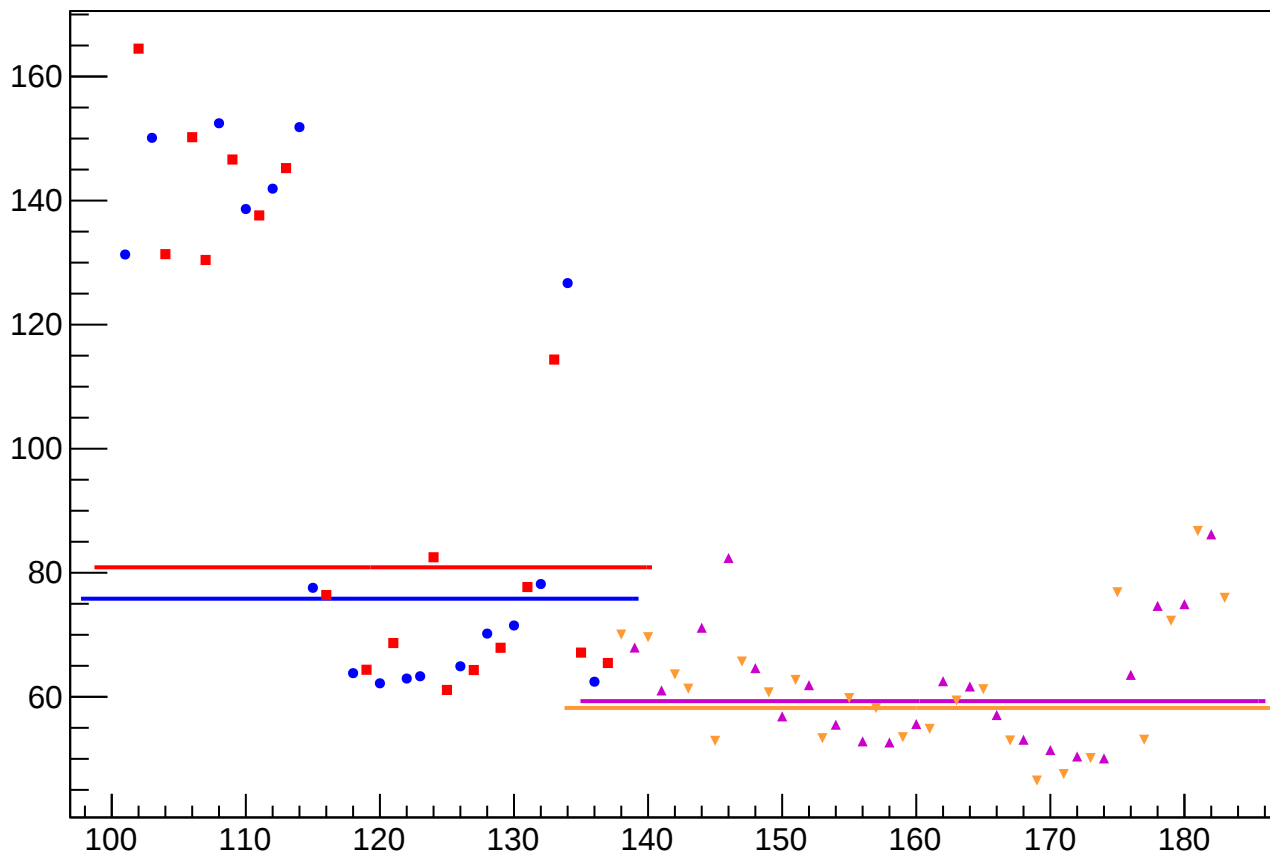
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 48.450 $\pm$ 13.182 χ^2 /NDF:40.5/38

Out: 25.284 $\pm$ 12.807 χ^2 /NDF:39.7/41

All: 36.533 $\pm$ 9.186 χ^2 /NDF: 81.8/80

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: 58.206 $\pm$ 0.010 χ^2/NDF : 806257.7/23

Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 59.308 $\pm$ 0.010 χ^2/NDF : 727305.2/21

Left: 58.732 $\pm$ 0.007 χ^2/NDF : 1539551.9/45

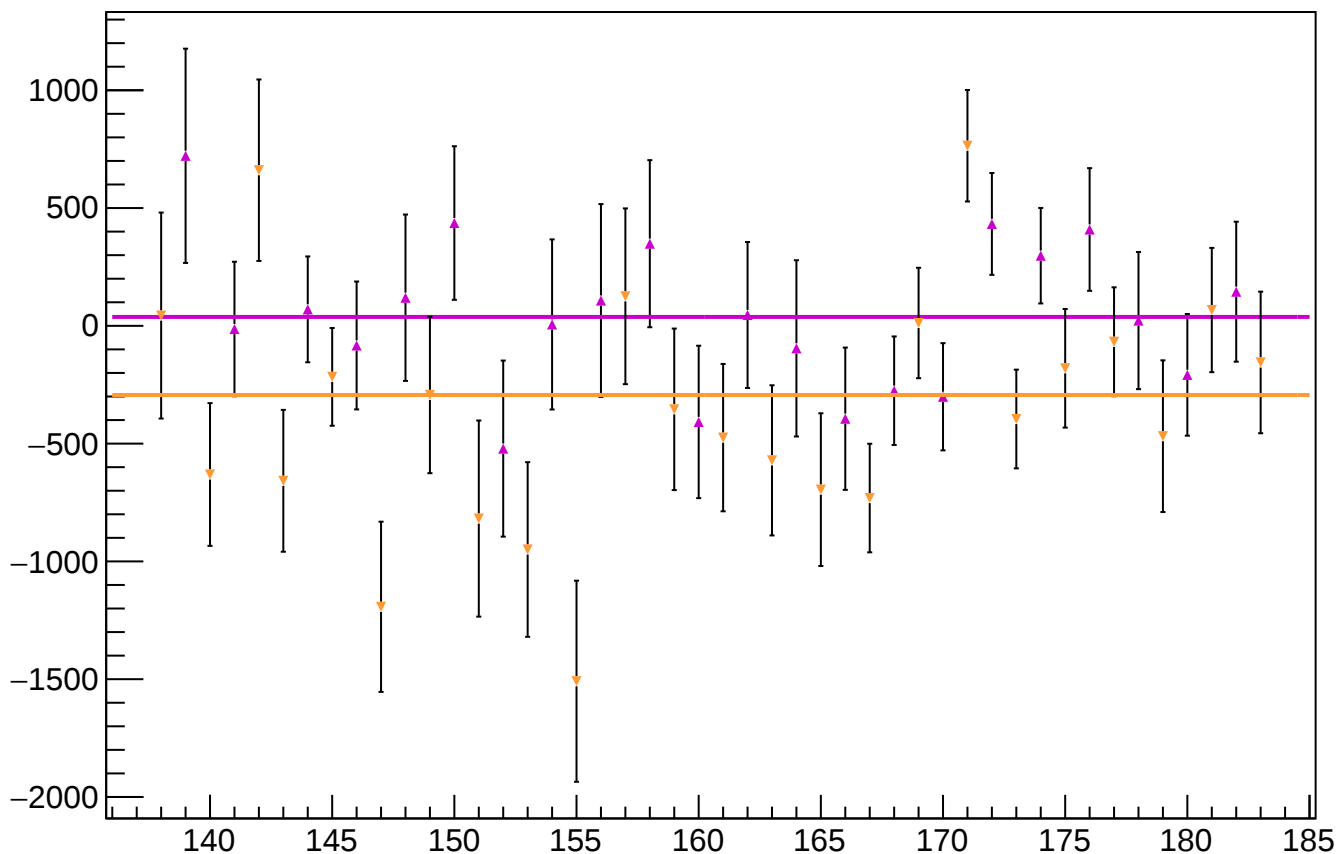
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 62.282 $\pm$ 0.009 χ^2/NDF : 2540639.9/38

Out: 61.675 $\pm$ 0.009 χ^2/NDF : 3144646.9/41

All: 61.970 $\pm$ 0.006 χ^2/NDF : 5687472.2/80

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: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 37.789 $\pm$ 60.688 χ^2 /NDF:23.3/21

Left: -131.950 $\pm$ 42.394 χ^2 /NDF: 100.1/45

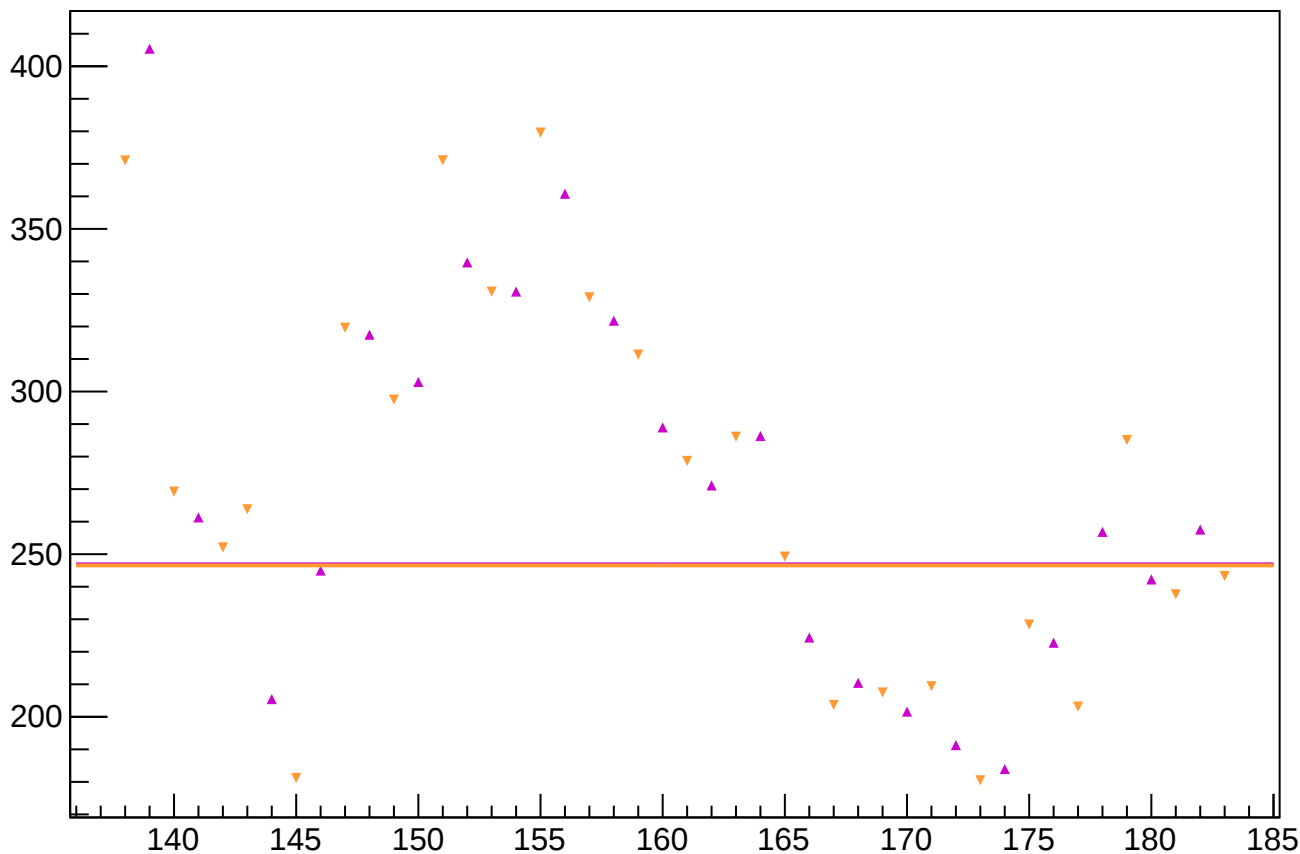
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 37.789 $\pm$ 60.688 χ^2 /NDF:23.3/21

Out: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

All: -131.950 $\pm$ 42.394 χ^2 /NDF: 100.1/45

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Left: 246.706+/-0.030 χ^2/NDF : 3177334.6/45

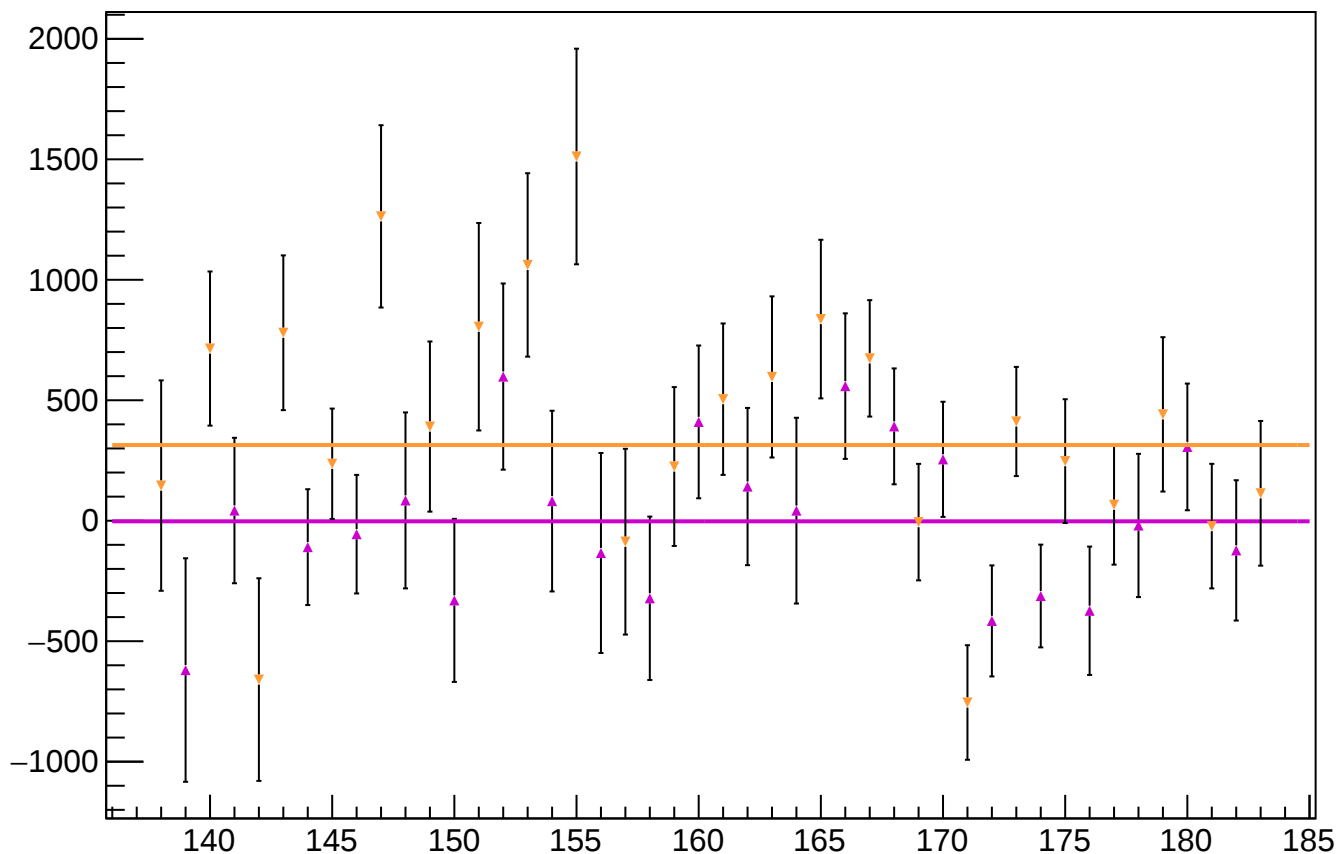
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

All: 246.706+/-0.030 χ^2/NDF : 3177334.6/45

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 314.159+/-61.487 χ^2/NDF :60.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.458+/-62.219 χ^2/NDF :24.5/21

Left: 157.724+/-43.735 χ^2/NDF : 98.1/45

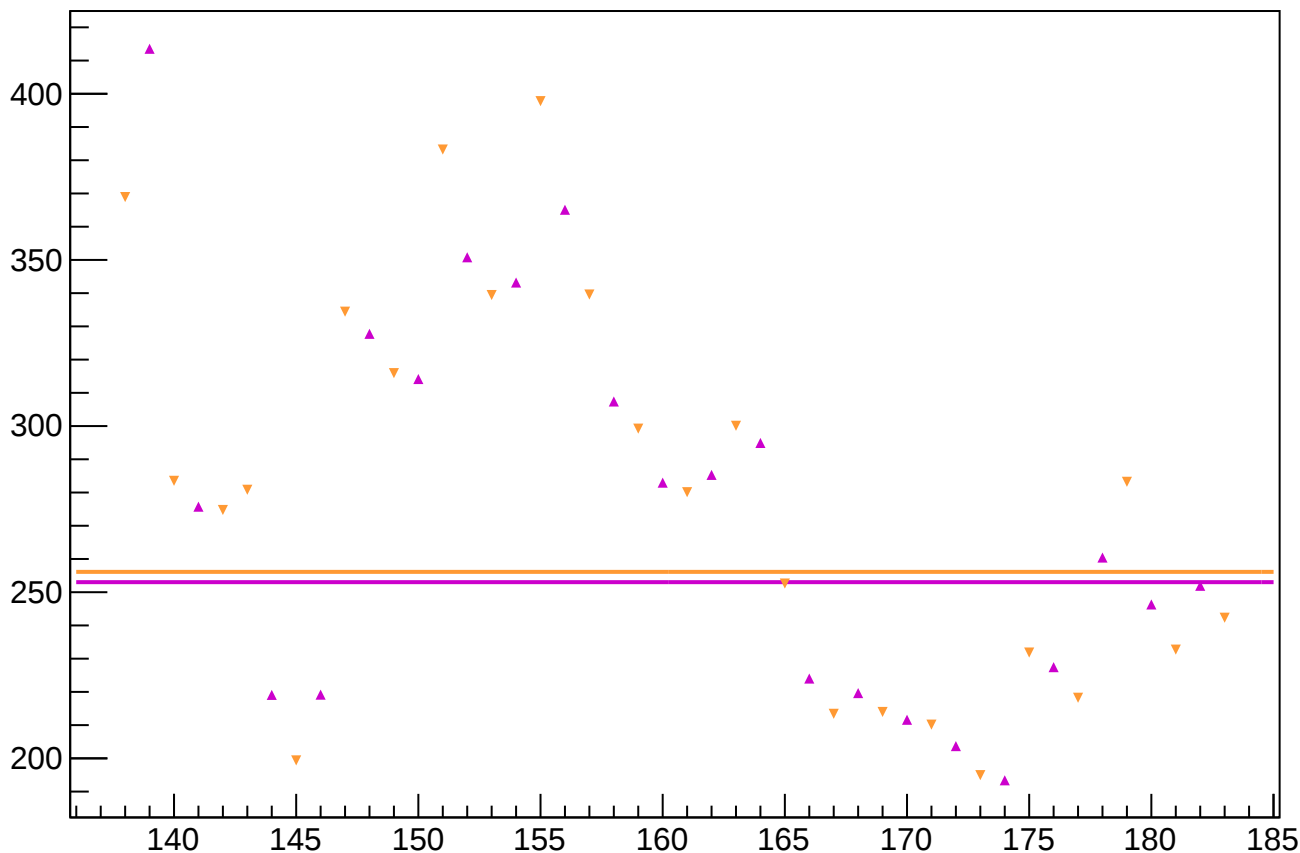
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.458+/-62.219 χ^2/NDF :24.5/21

Out: 314.159+/-61.487 χ^2/NDF :60.4/23

All: 157.724+/-43.735 χ^2/NDF : 98.1/45

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Left: 254.591+/-0.031 χ^2/NDF : 2886108.8/45

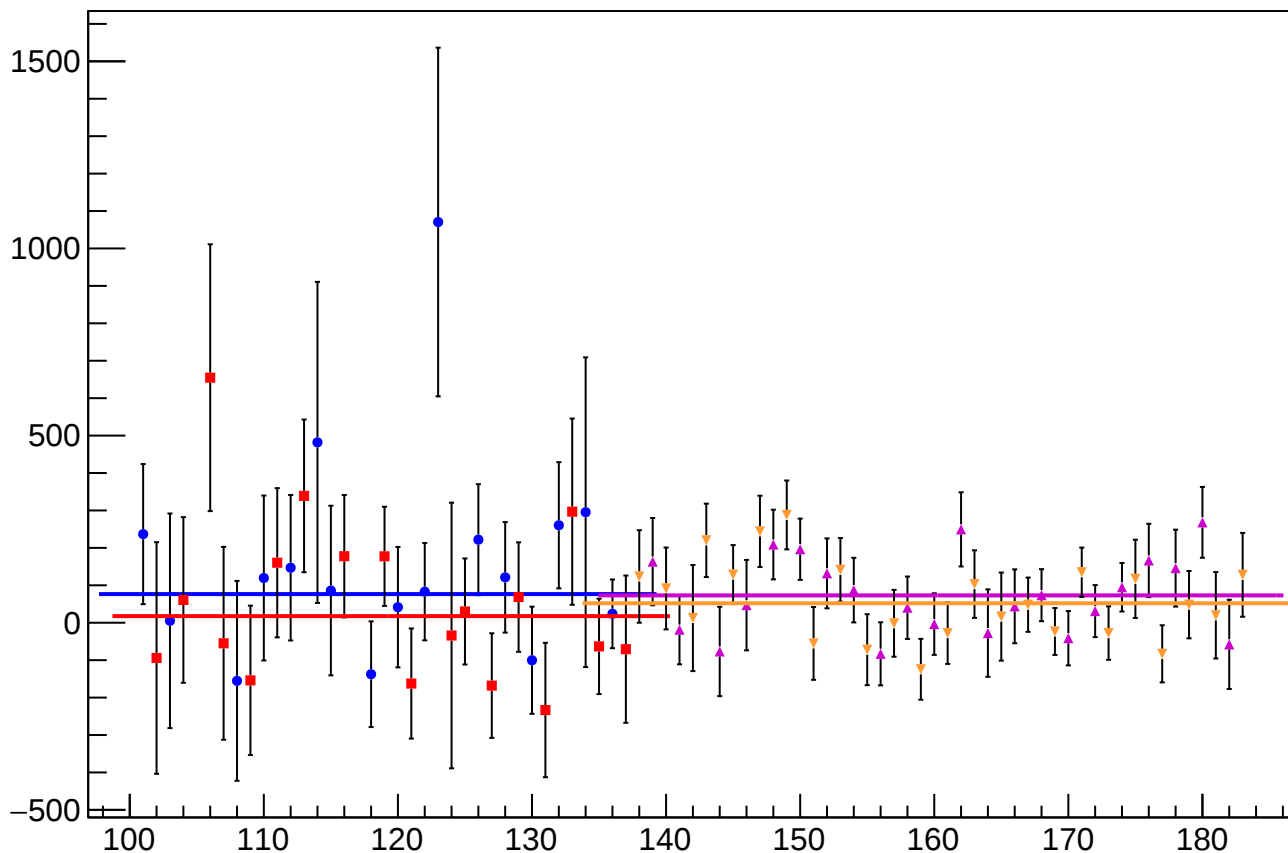
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

All: 254.591+/-0.031 χ^2/NDF : 2886108.8/45

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: 52.082 $\pm$ 18.020 χ^2 /NDF:33.9/23

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 73.058 $\pm$ 18.982 χ^2 /NDF:26.3/21

Left: 62.025 $\pm$ 13.069 χ^2 /NDF: 60.8/45

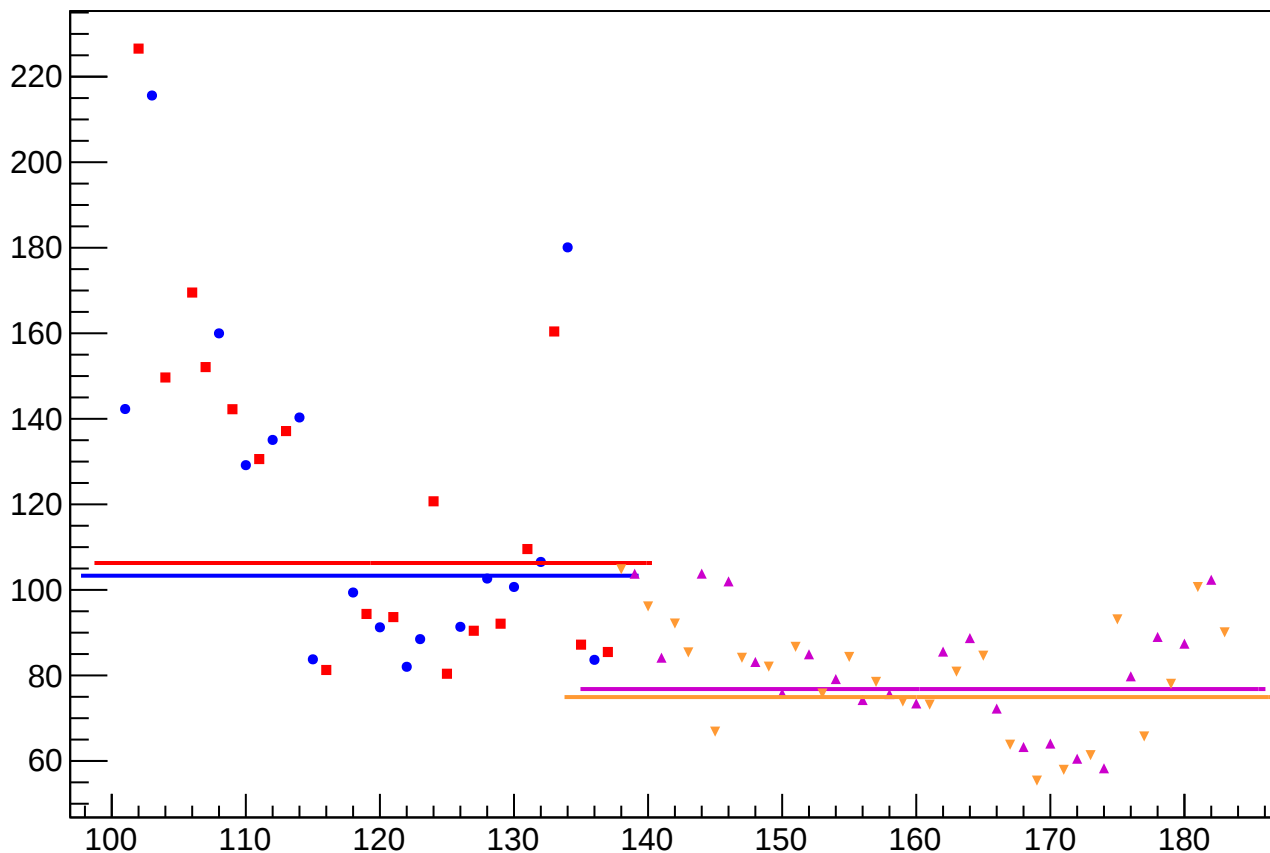
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 73.653 $\pm$ 17.266 χ^2 /NDF:40.2/38

Out: 46.786 $\pm$ 16.578 χ^2 /NDF:51.2/41

All: 59.673 $\pm$ 11.958 χ^2 /NDF: 92.7/80

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: 74.940 $\pm$ 0.013 χ^2 /NDF:1046127.8/23

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 76.816 $\pm$ 0.013 χ^2 /NDF:938868.0/21

Left: 75.829 $\pm$ 0.009 χ^2 /NDF: 1995274.8/45

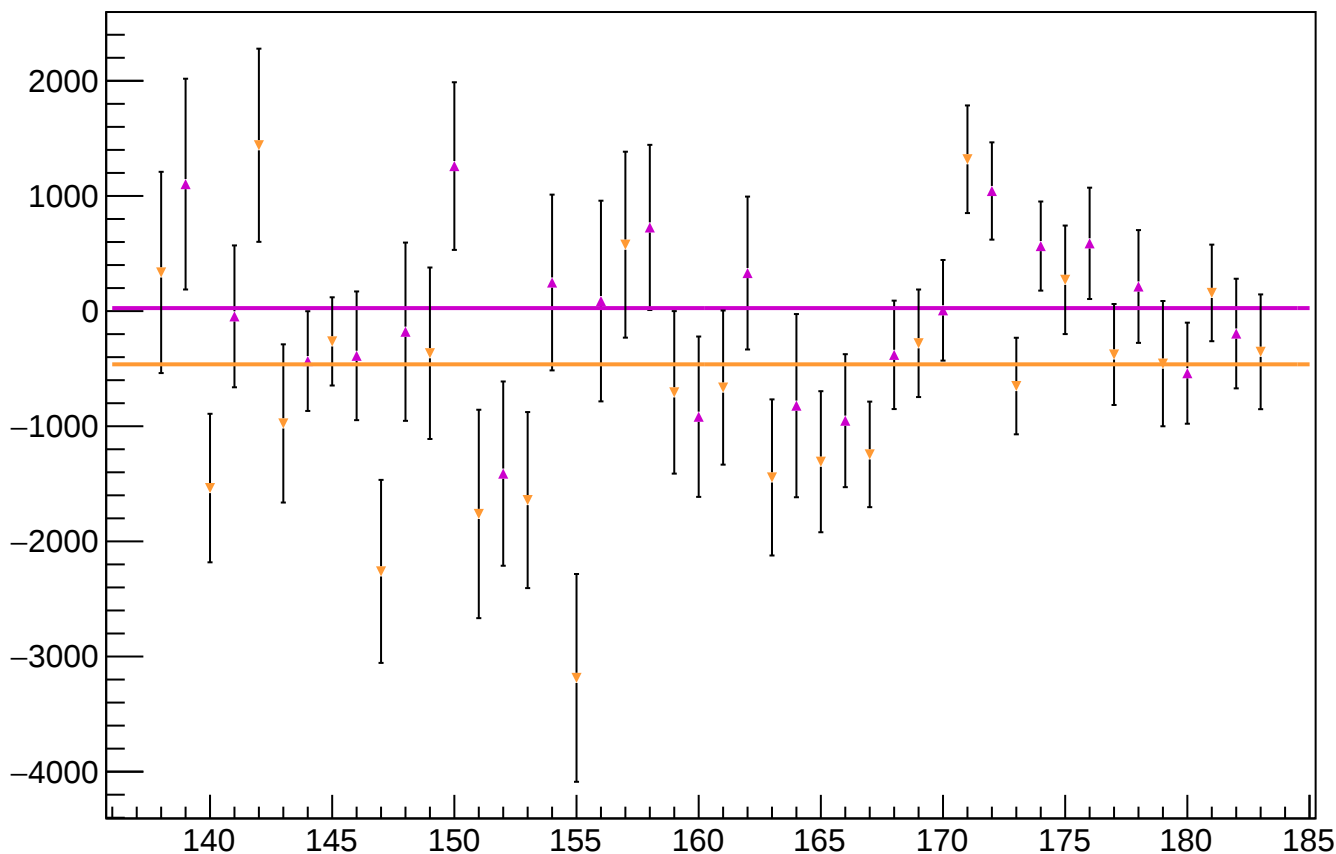
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 81.391 $\pm$ 0.012 χ^2 /NDF:2449613.3/38

Out: 79.755 $\pm$ 0.012 χ^2 /NDF:2976701.4/41

All: 80.540 $\pm$ 0.008 χ^2 /NDF: 5435650.3/80

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -462.286+/-115.753 χ^2/NDF :56.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.048+/-118.309 χ^2/NDF :28.2/21

Left: -223.451+/-82.739 χ^2/NDF : 93.5/45

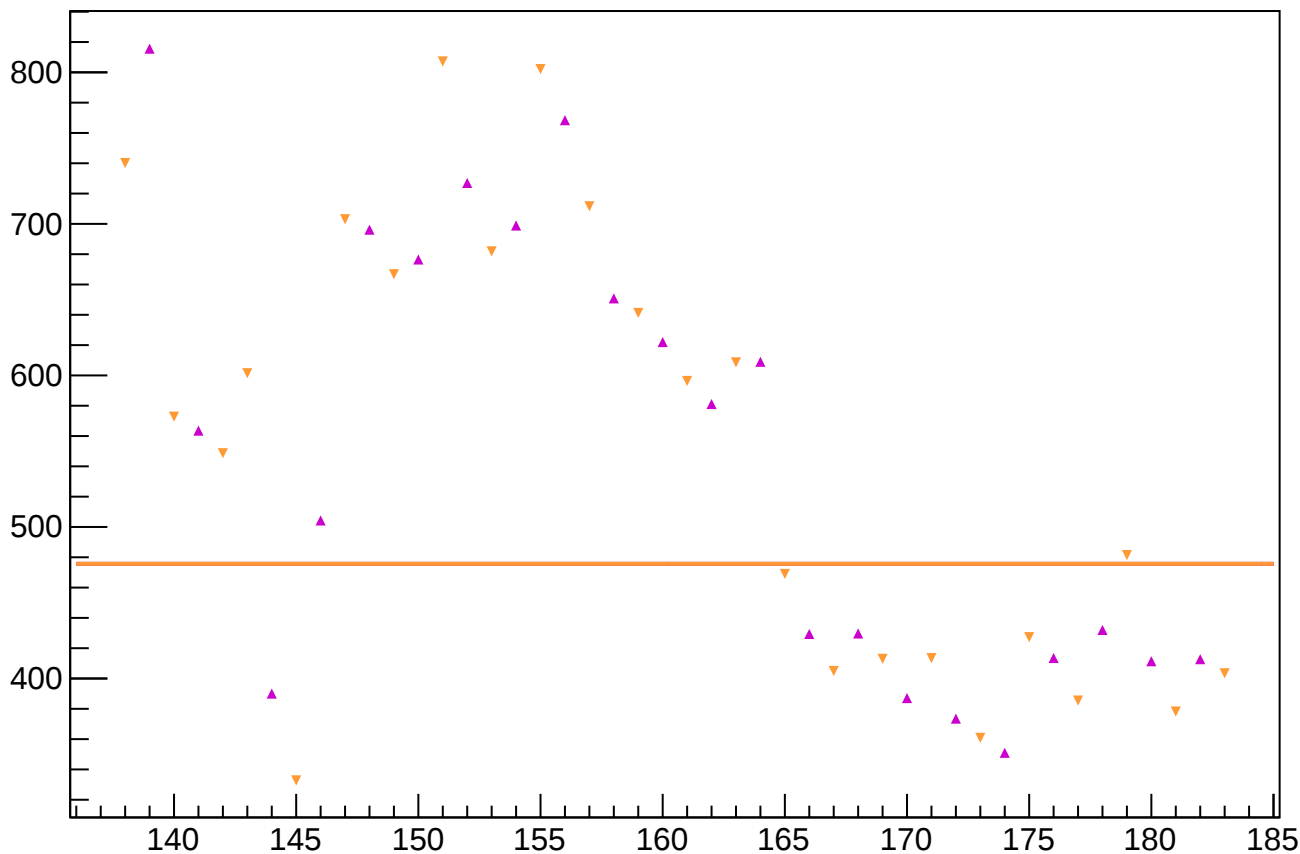
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.048+/-118.309 χ^2/NDF :28.2/21

Out: -462.286+/-115.753 χ^2/NDF :56.6/23

All: -223.451+/-82.739 χ^2/NDF : 93.5/45

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Left: 475.671+/-0.059 χ^2/NDF : 4696667.3/45

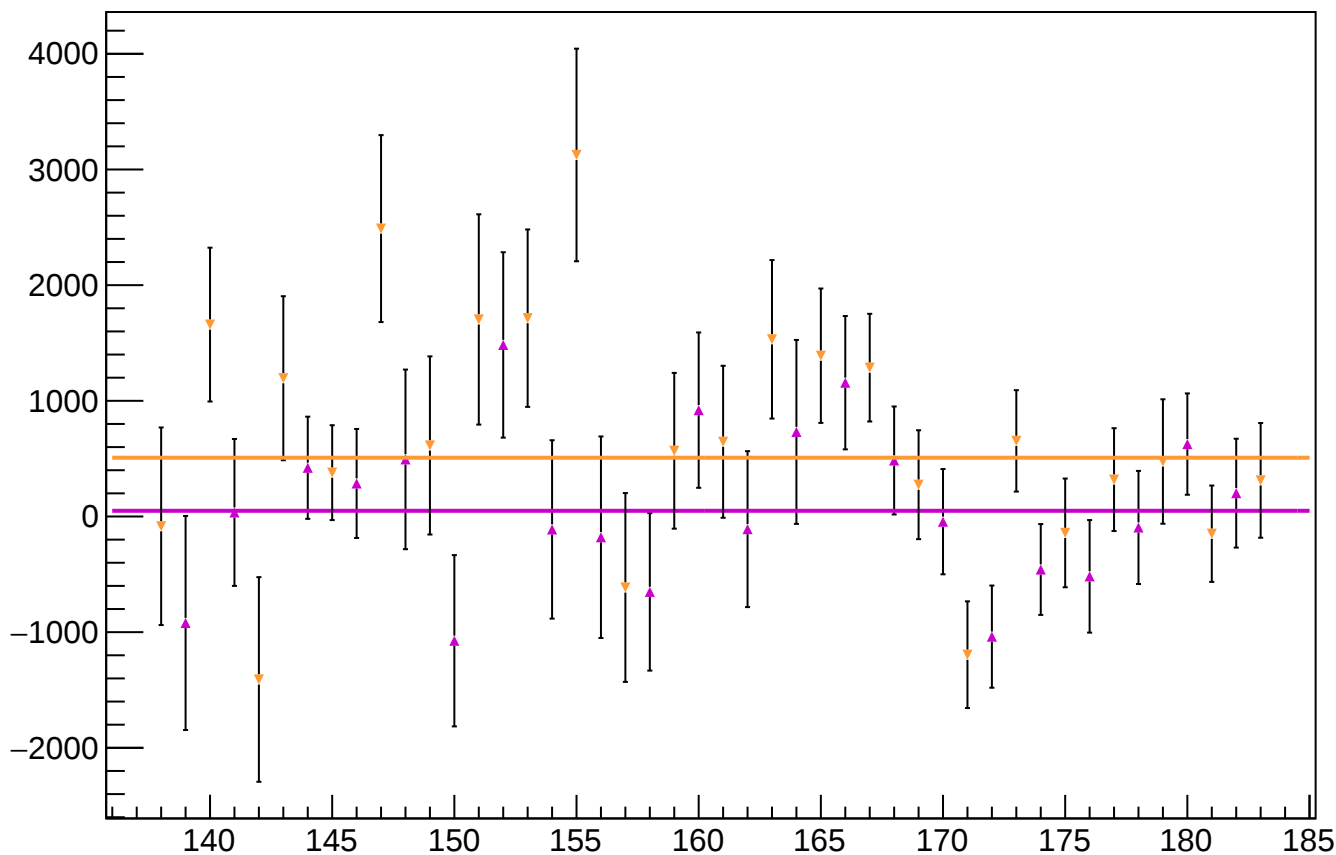
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

All: 475.671+/-0.059 χ^2/NDF : 4696667.3/45

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 508.262+/-116.897 χ^2/NDF :55.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.342+/-118.140 χ^2/NDF :27.2/21

Left: 281.230+/-83.095 χ^2/NDF : 90.3/45

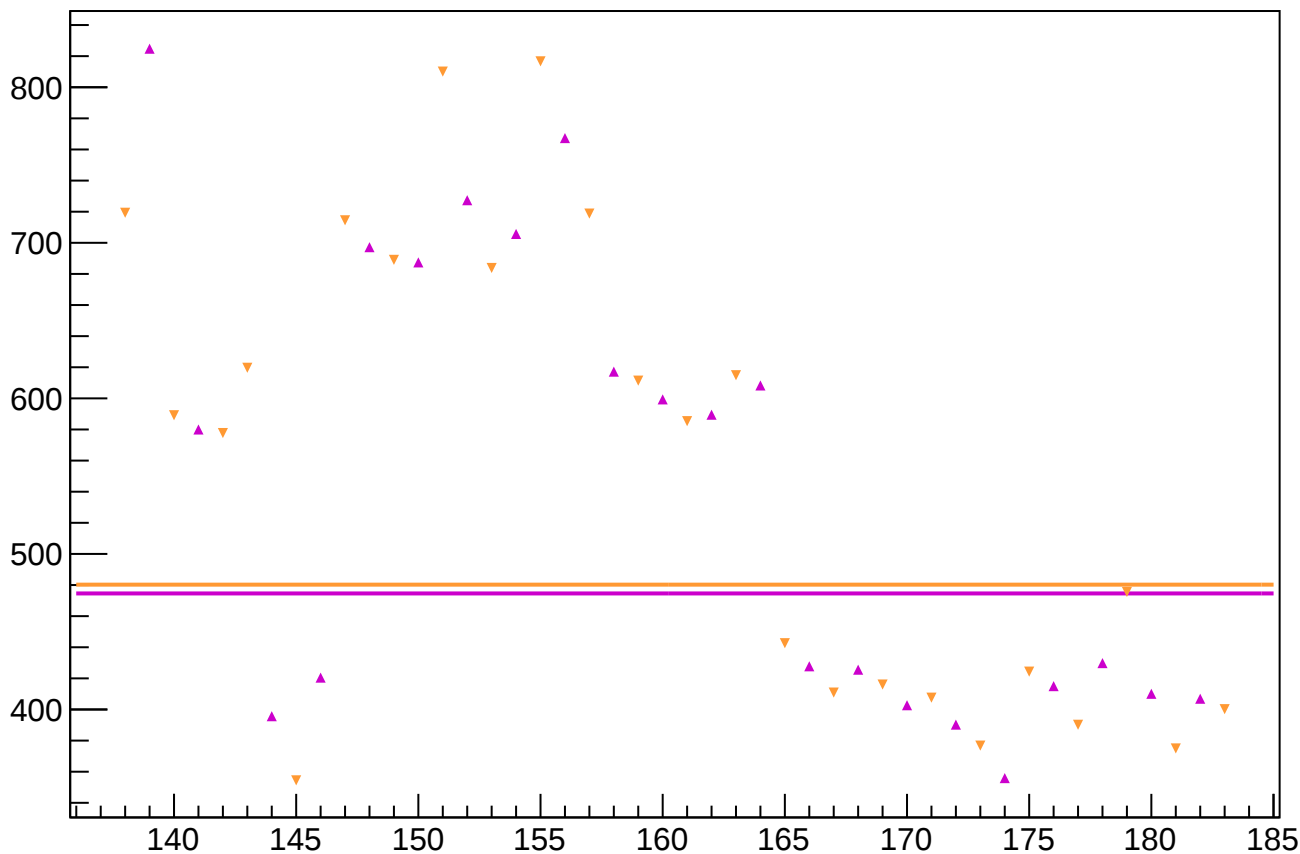
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.342+/-118.140 χ^2/NDF :27.2/21

Out: 508.262+/-116.897 χ^2/NDF :55.6/23

All: 281.230+/-83.095 χ^2/NDF : 90.3/45

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Left: 477.455+/-0.059 χ^2/NDF : 4515926.1/45

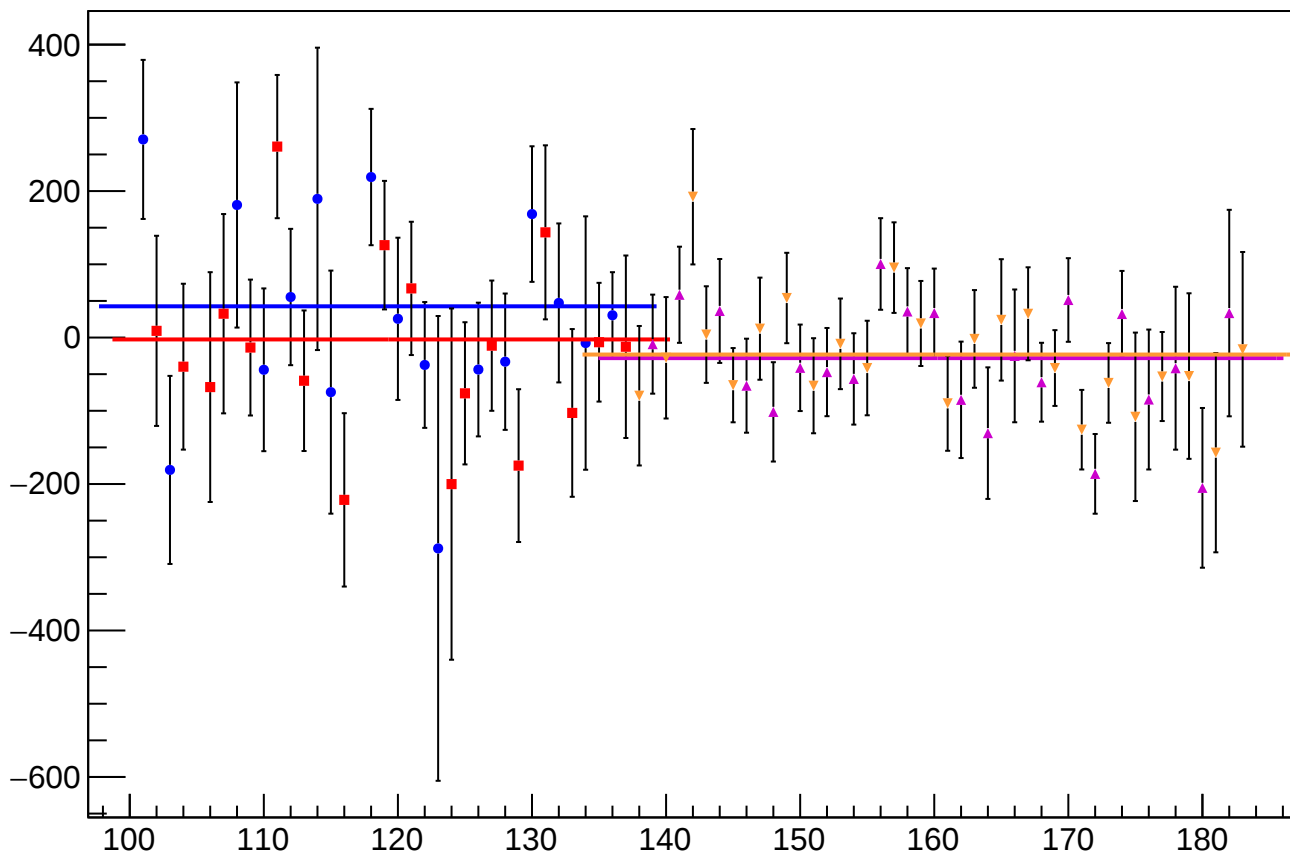
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Out: 480.251+/-0.083 χ^2/NDF :2404069.9/23

All: 477.455+/-0.059 χ^2/NDF : 4515926.1/45

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: -23.203 $\pm$ 13.869 χ^2 /NDF:21.5/23

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -28.090 $\pm$ 14.511 χ^2 /NDF:27.7/21

Left: -25.536 $\pm$ 10.026 χ^2 /NDF: 49.3/45

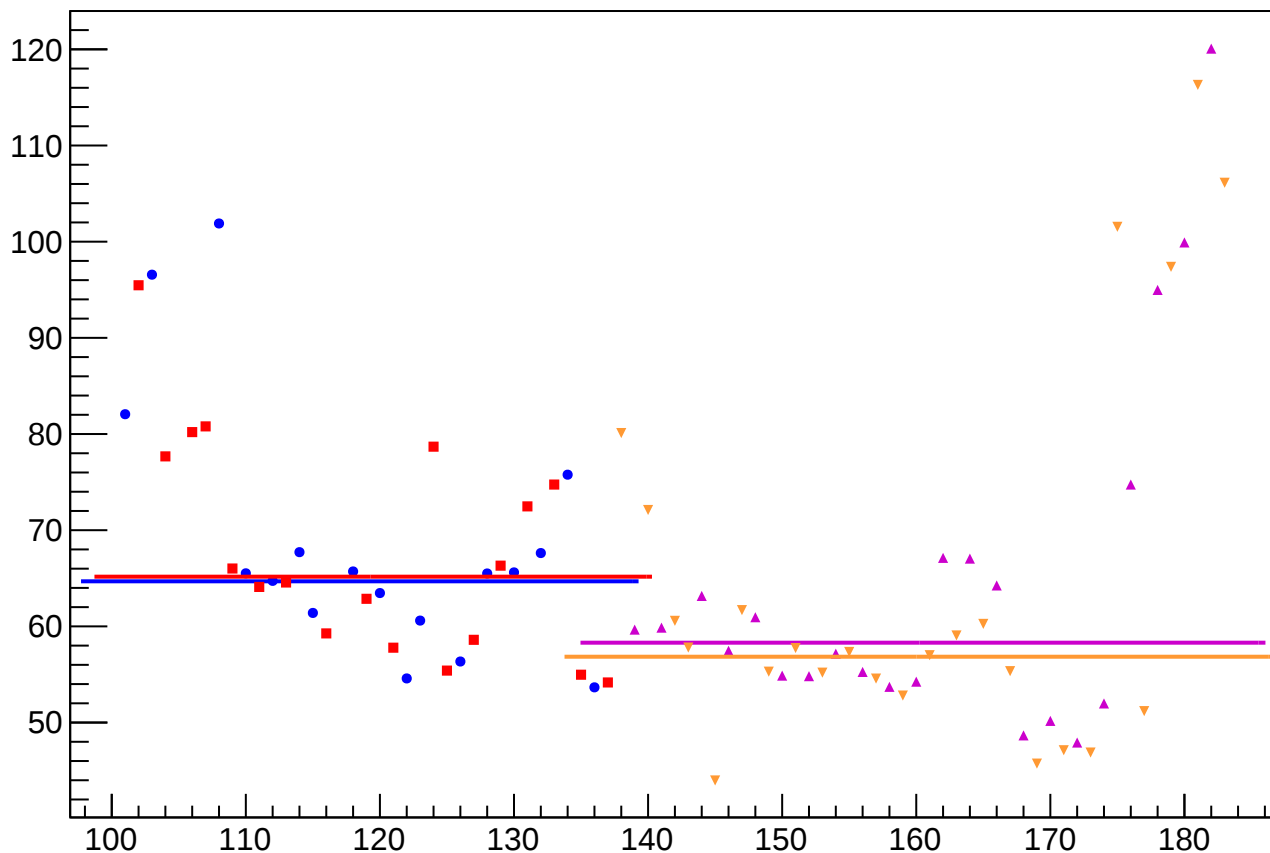
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: -10.771 $\pm$ 12.610 χ^2 /NDF:52.4/38

Out: -18.375 $\pm$ 12.137 χ^2 /NDF:42.5/41

All: -14.718 $\pm$ 8.745 χ^2 /NDF: 95.0/80

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: 56.845 $\pm$ 0.010 χ^2 /NDF:1808458.2/23

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.304 $\pm$ 0.010 χ^2 /NDF:1259241.5/21

Left: 57.541 $\pm$ 0.007 χ^2 /NDF: 3078270.6/45

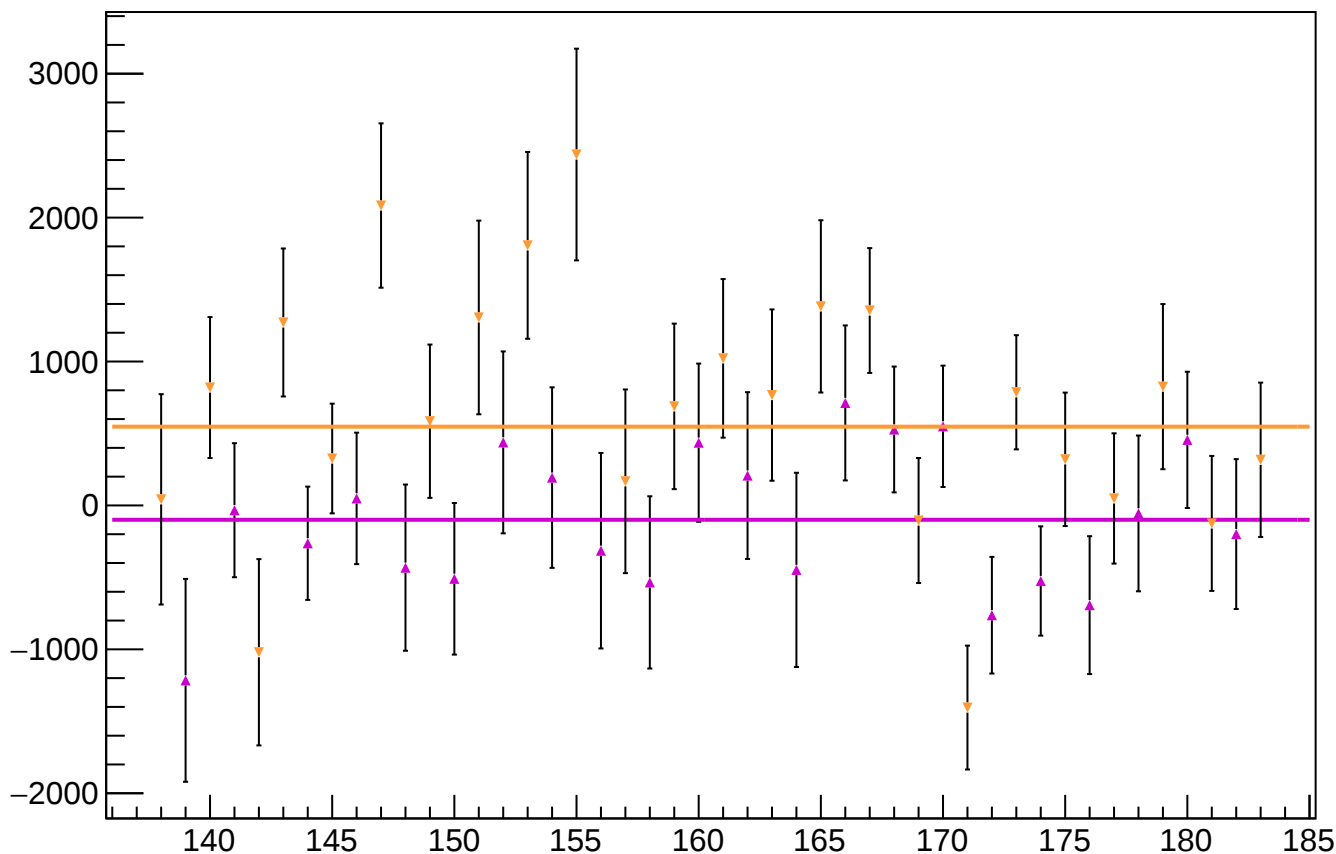
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 59.866 $\pm$ 0.009 χ^2 /NDF:1754131.8/38

Out: 58.793 $\pm$ 0.009 χ^2 /NDF:2281628.4/41

All: 59.309 $\pm$ 0.006 χ^2 /NDF: 4043284.9/80

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: 547.268+/-105.721 χ^2/NDF :61.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -99.685+/-107.696 χ^2/NDF :20.4/21

Left: 229.781+/-75.445 χ^2/NDF : 100.5/45

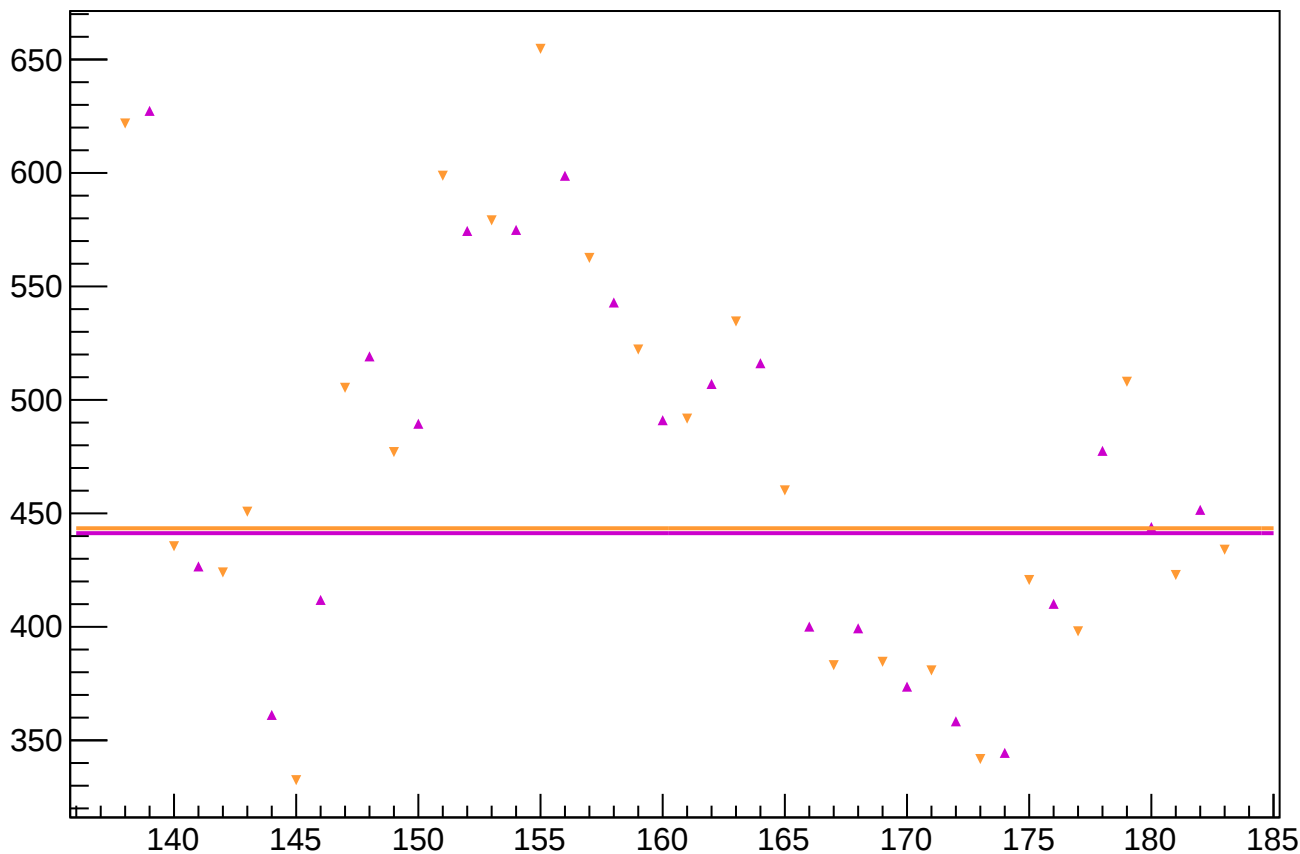
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -99.685+/-107.696 χ^2/NDF :20.4/21

Out: 547.268+/-105.721 χ^2/NDF :61.7/23

All: 229.781+/-75.445 χ^2/NDF : 100.5/45

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: 443.441+/-0.075 χ^2/NDF :1156813.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Left: 442.381+/-0.053 χ^2/NDF : 2167918.5/45

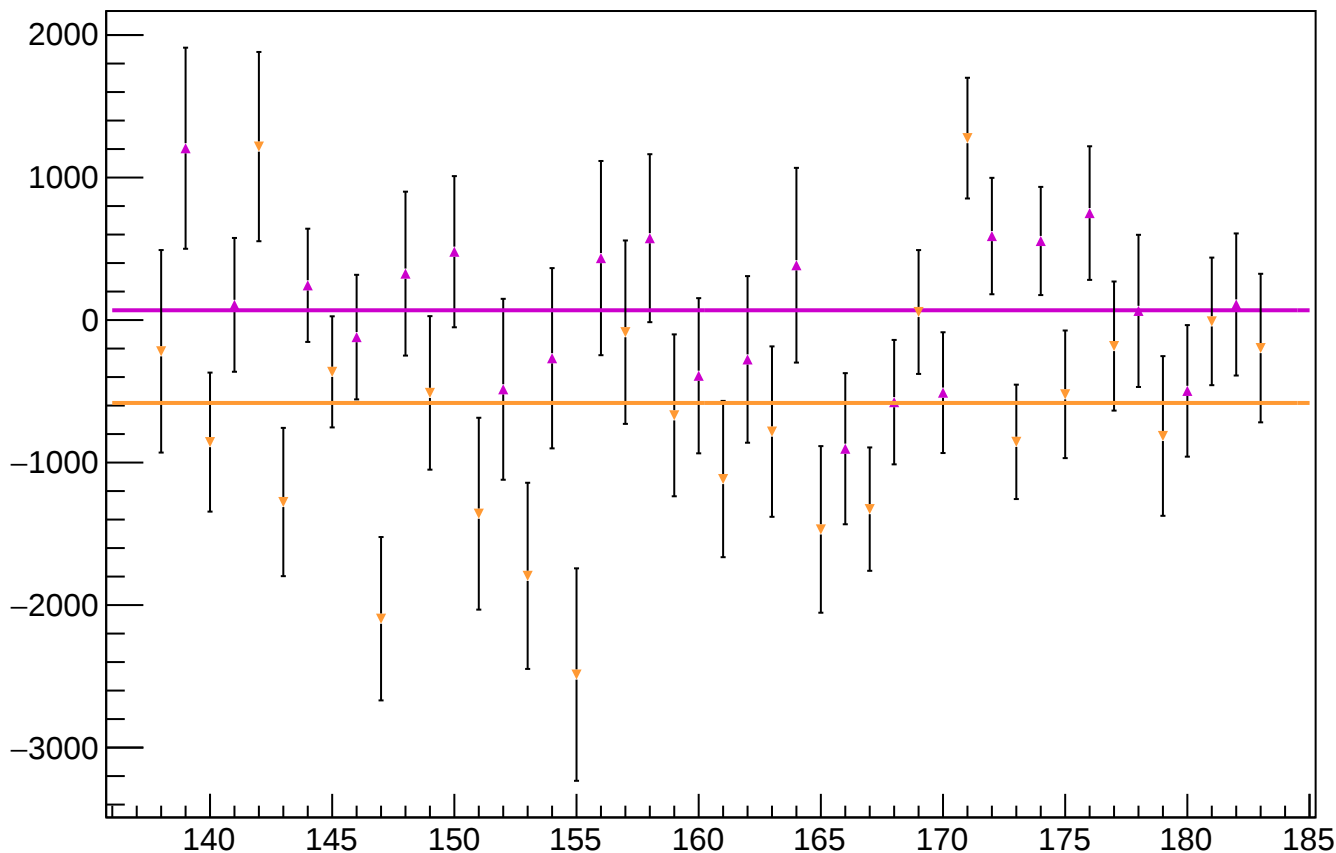
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

All: 442.381+/-0.053 χ^2/NDF : 2167918.5/45

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -581.685 ± 105.259 $\chi^2/\text{NDF}: 60.3/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 68.671 ± 107.071 $\chi^2/\text{NDF}: 21.4/21$

Left: -262.057 ± 75.062 $\chi^2/\text{NDF}: 100.5/45$

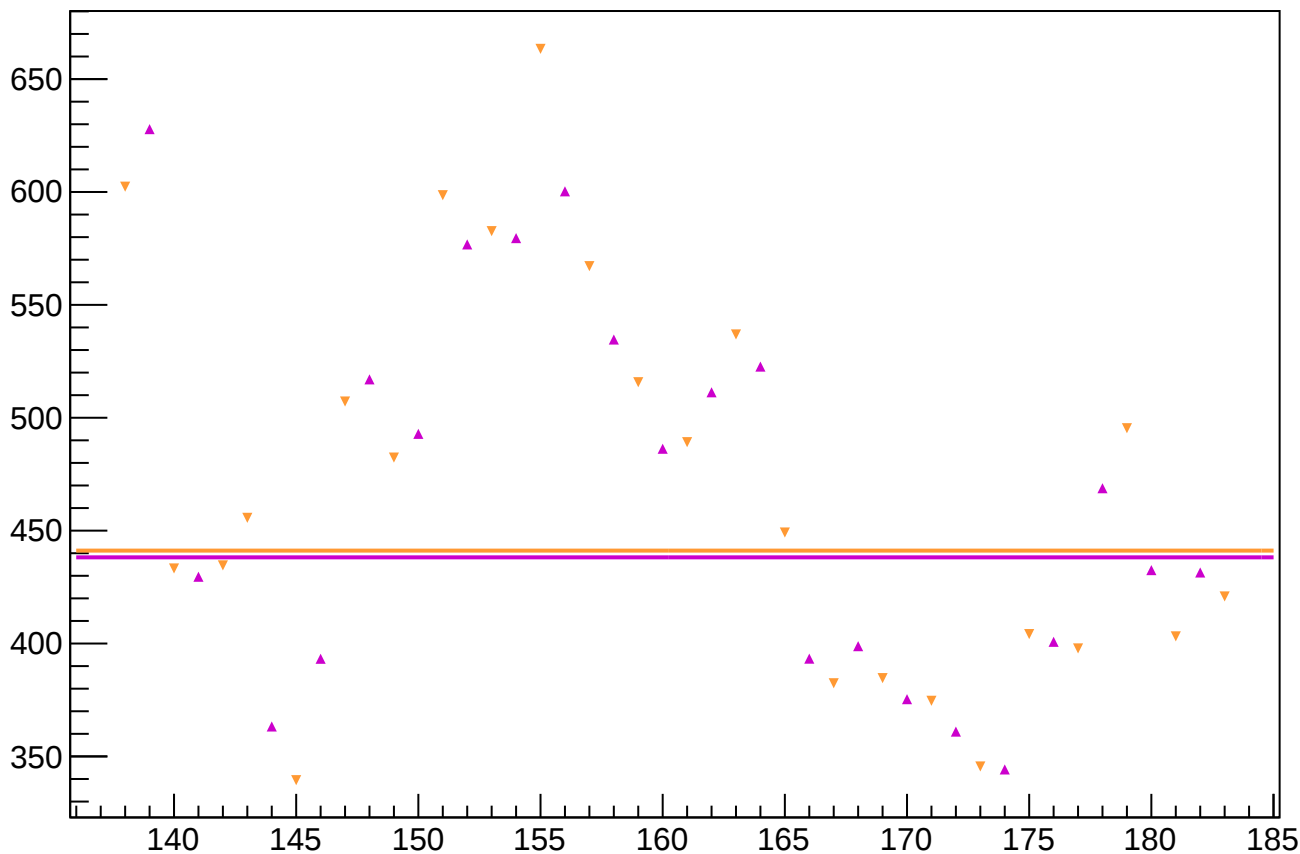
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 68.671 ± 107.071 $\chi^2/\text{NDF}: 21.4/21$

Out: -581.685 ± 105.259 $\chi^2/\text{NDF}: 60.3/23$

All: -262.057 ± 75.062 $\chi^2/\text{NDF}: 100.5/45$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Left: 439.689+/-0.053 χ^2/NDF : 2165138.1/45

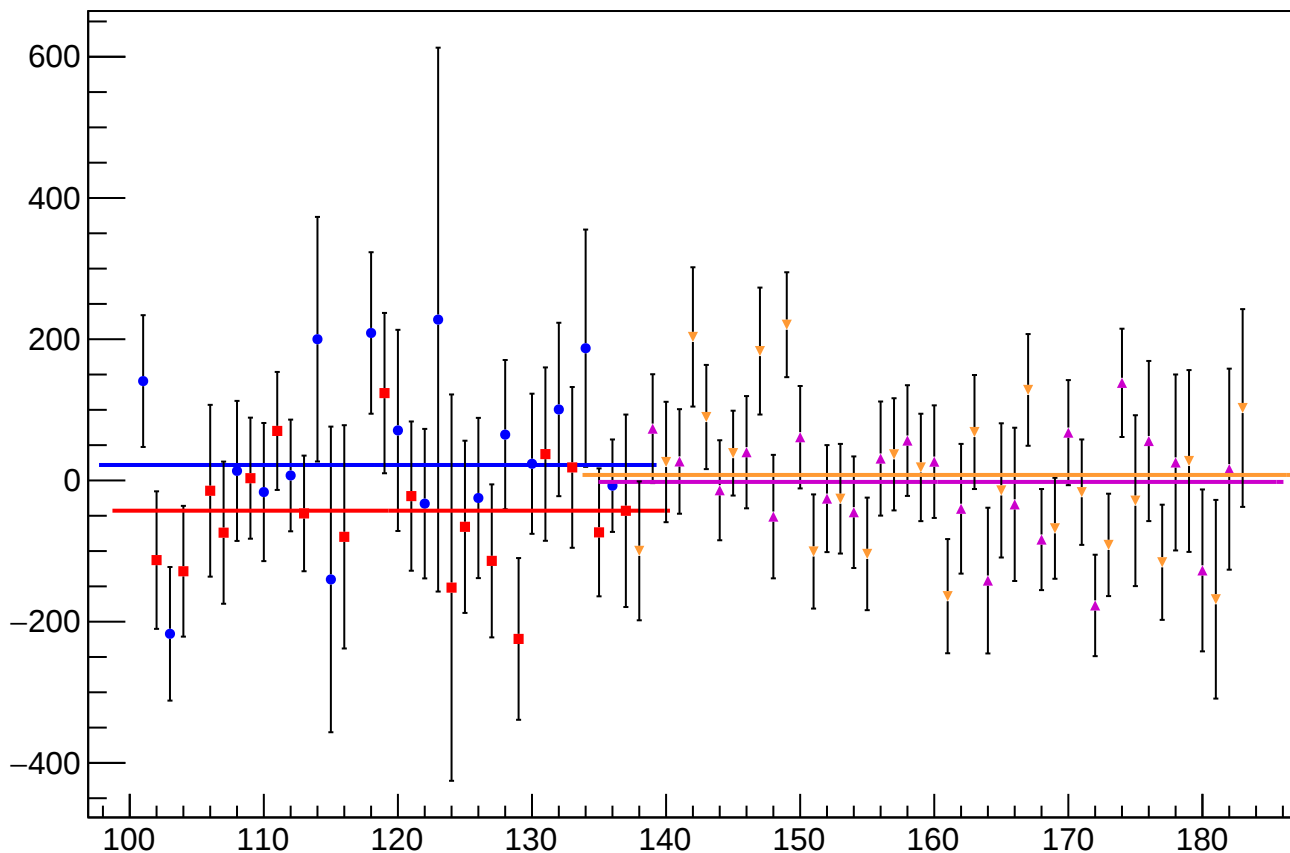
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

All: 439.689+/-0.053 χ^2/NDF : 2165138.1/45

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: 7.807 $\pm$ 17.049 χ^2 /NDF:37.8/23

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: -2.091 $\pm$ 17.841 χ^2 /NDF:18.8/21

Left: 3.082 $\pm$ 12.326 χ^2 /NDF: 56.7/45

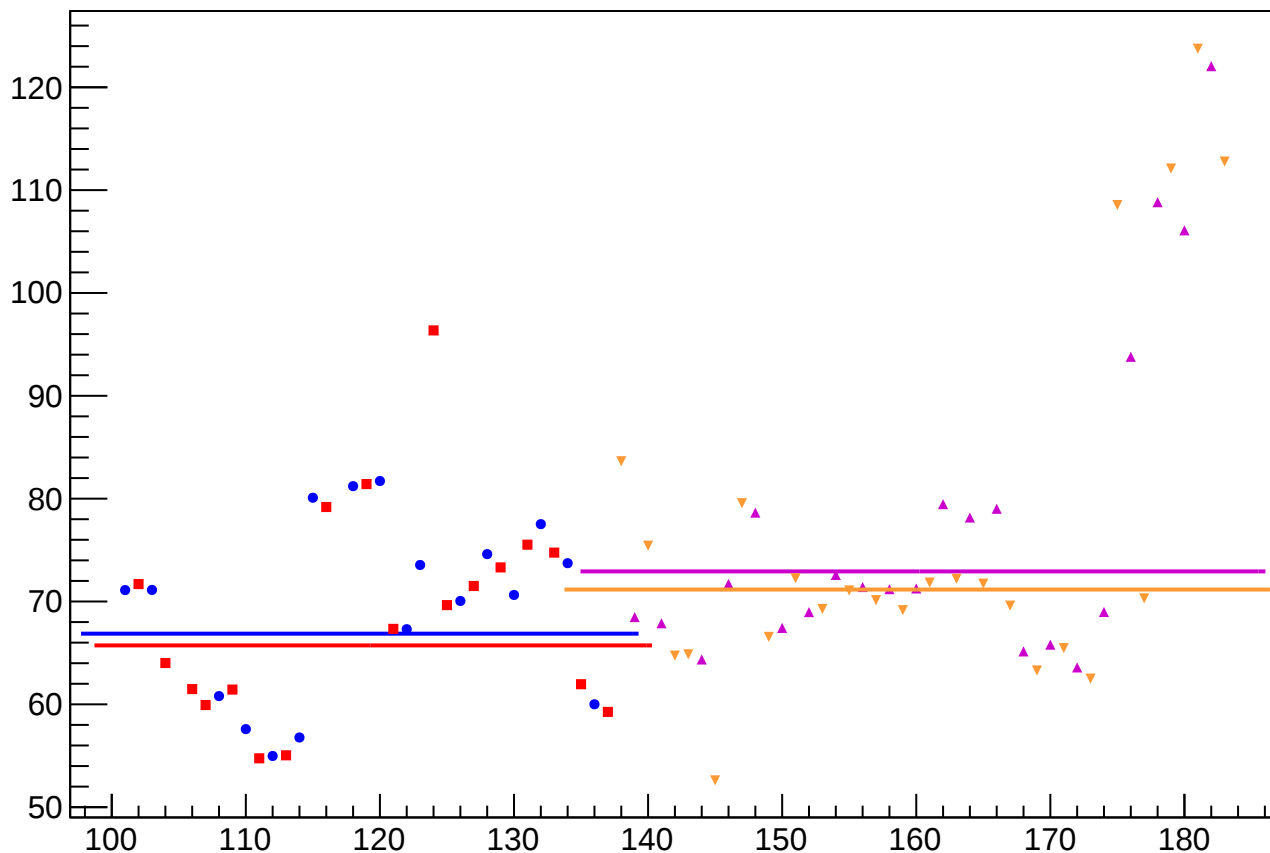
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 5.569 $\pm$ 14.721 χ^2 /NDF:34.5/38

Out: -8.162 $\pm$ 14.106 χ^2 /NDF:50.4/41

All: -1.589 $\pm$ 10.185 χ^2 /NDF: 85.3/80

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: 71.161 $\pm$ 0.012 χ^2/NDF : 1194674.5/23

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 72.926 $\pm$ 0.013 χ^2/NDF : 815647.5/21

Left: 72.004 $\pm$ 0.009 χ^2/NDF : 2020554.9/45

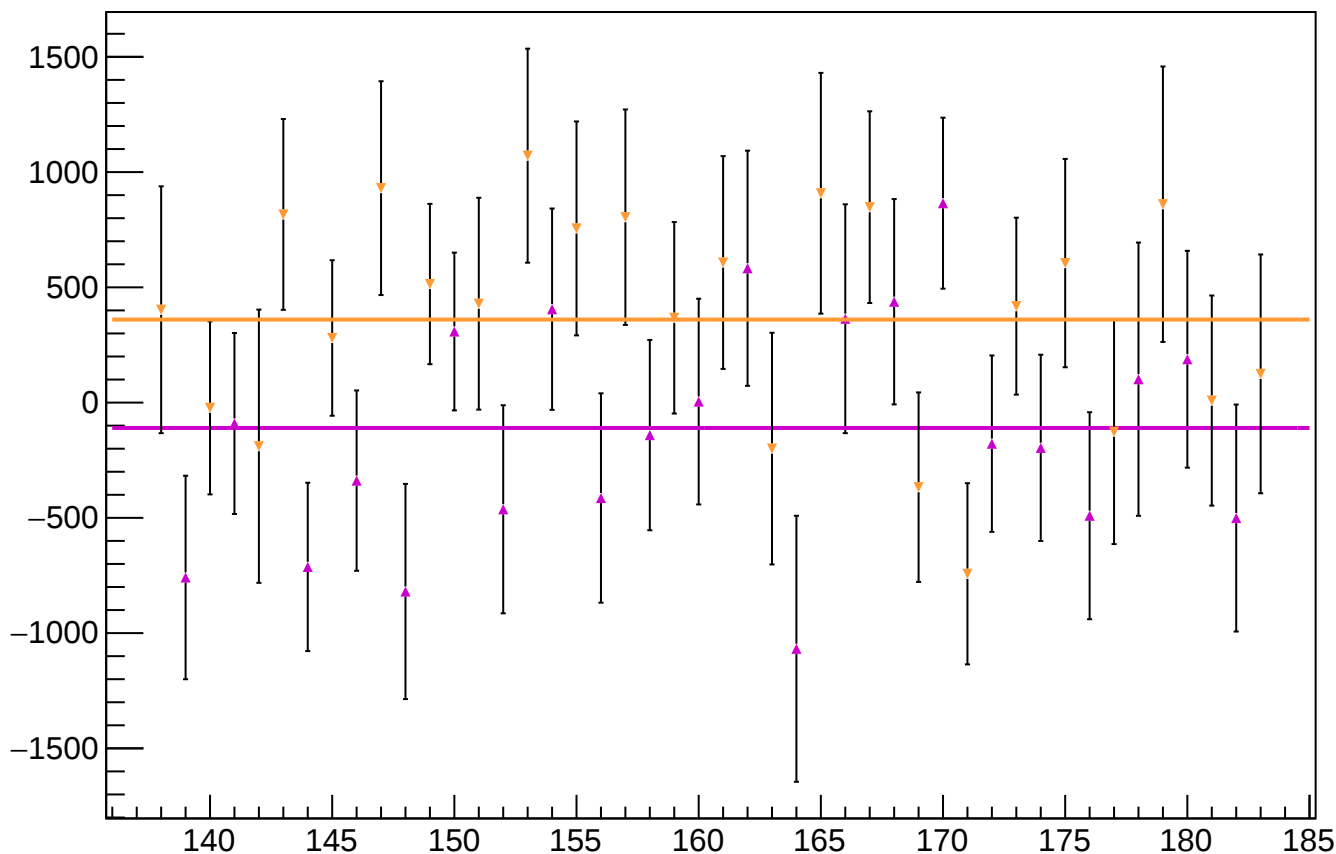
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 70.994 $\pm$ 0.010 χ^2/NDF : 1091679.4/38

Out: 69.448 $\pm$ 0.010 χ^2/NDF : 1477550.3/41

All: 70.188 $\pm$ 0.007 χ^2/NDF : 2580724.2/80

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: 360.194+/-90.130 χ^2/NDF :26.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -110.006+/-92.336 χ^2/NDF :27.4/21

Left: 130.778+/-64.497 χ^2/NDF : 67.4/45

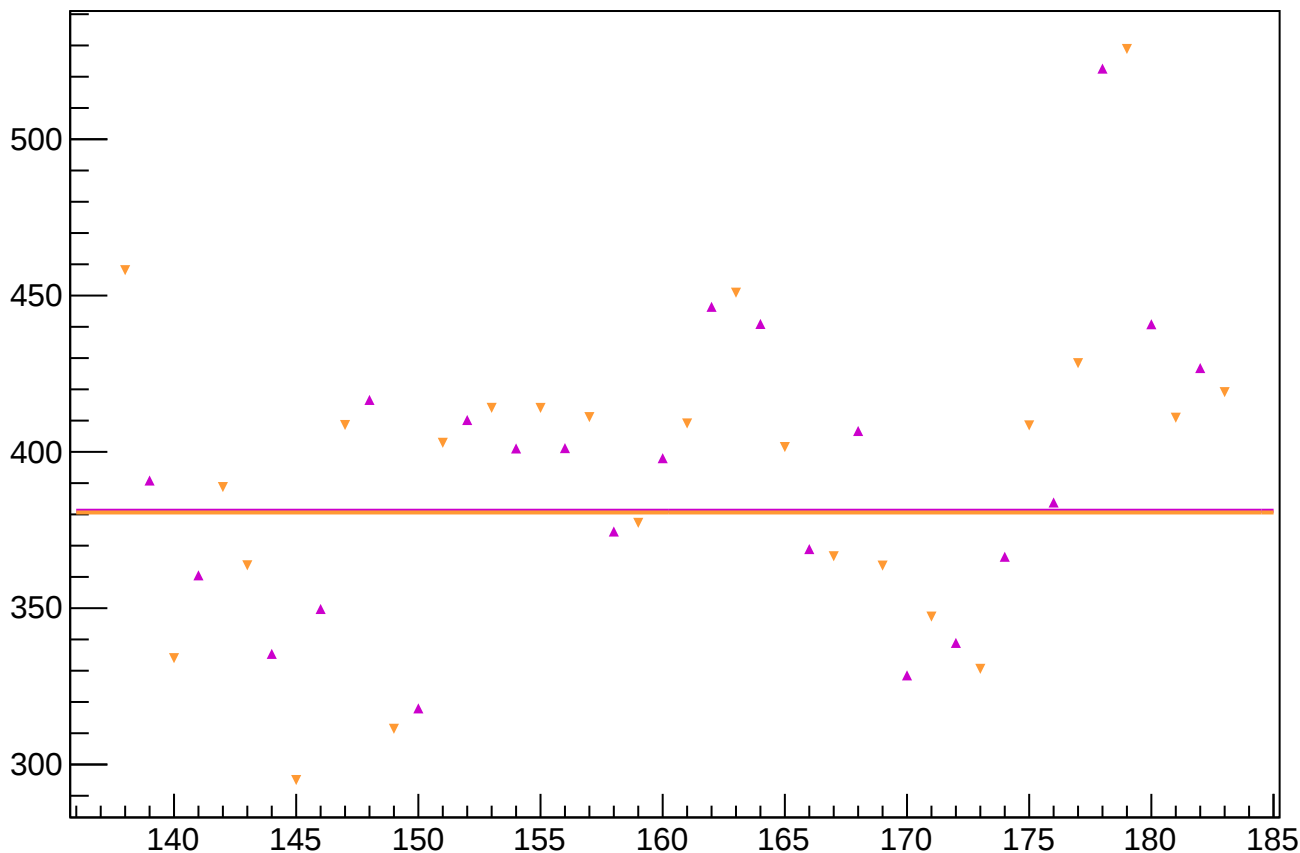
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.006+/-92.336 χ^2/NDF :27.4/21

Out: 360.194+/-90.130 χ^2/NDF :26.7/23

All: 130.778+/-64.497 χ^2/NDF : 67.4/45

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: 380.615+/-0.064 χ^2/NDF : 599606.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Left: 380.887+/-0.046 χ^2/NDF : 1042524.8/45

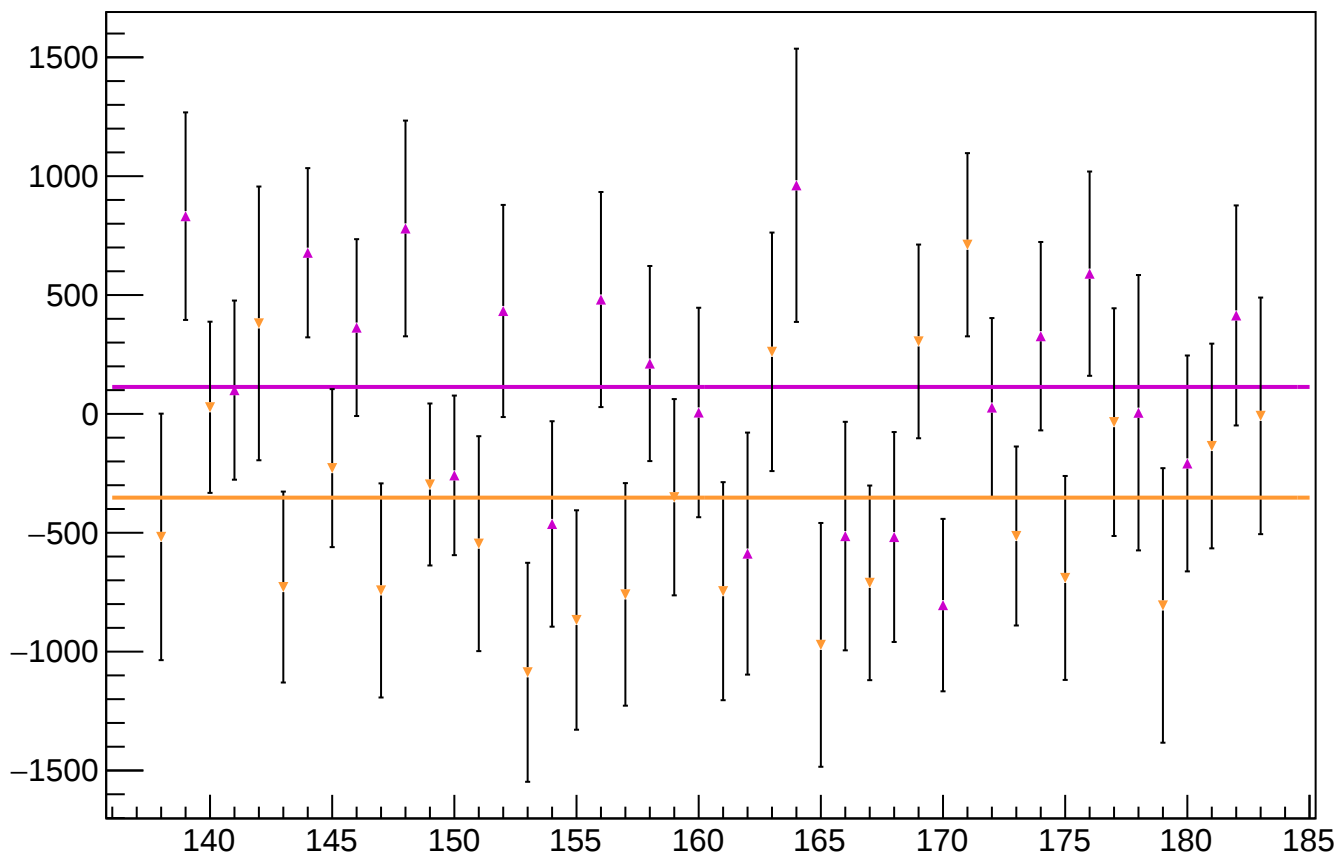
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

All: 380.887+/-0.046 χ^2/NDF : 1042524.8/45

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -352.213+/-88.207 χ^2/NDF :26.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 113.410+/-90.241 χ^2/NDF :28.9/21

Left: -124.708+/-63.079 χ^2/NDF : 69.1/45

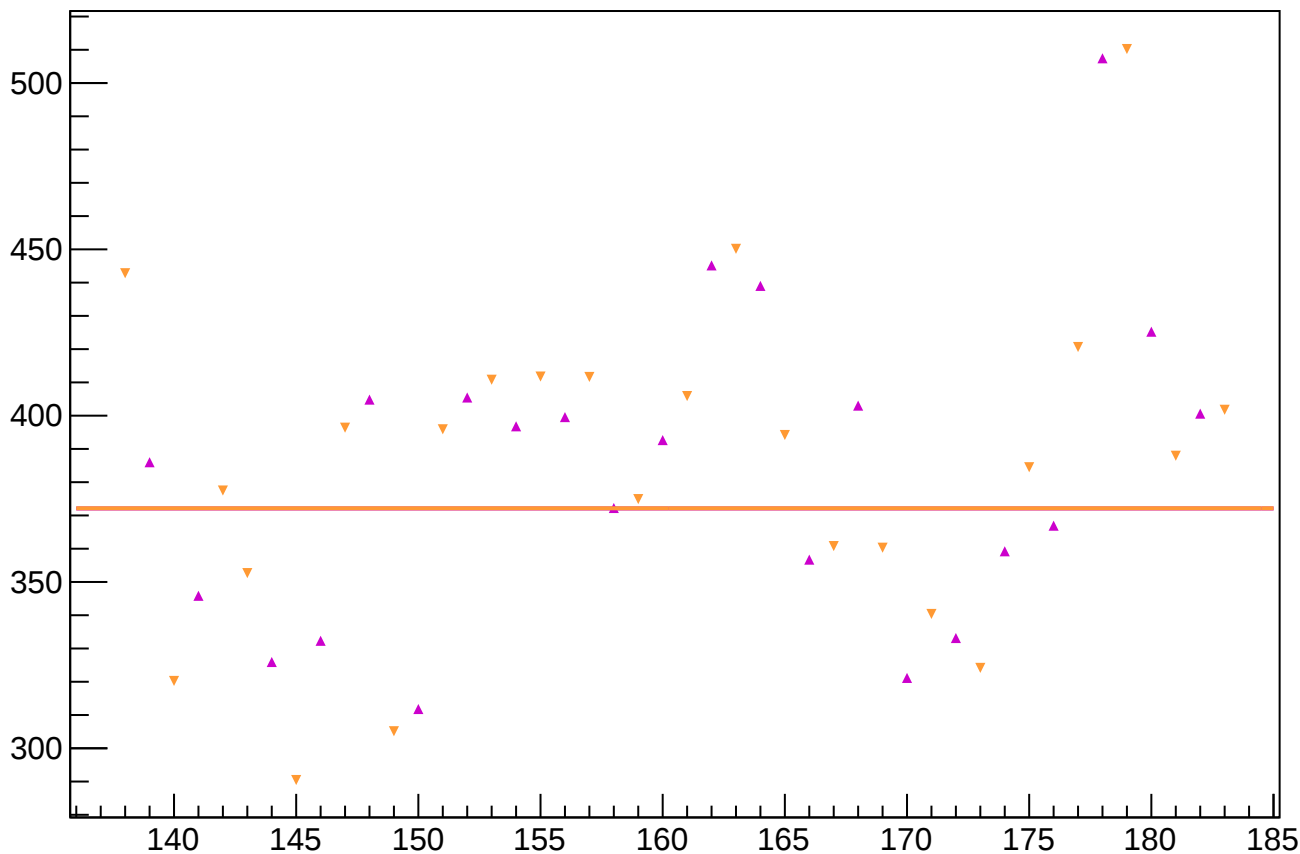
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.410+/-90.241 χ^2/NDF :28.9/21

Out: -352.213+/-88.207 χ^2/NDF :26.6/23

All: -124.708+/-63.079 χ^2/NDF : 69.1/45

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Left: 372.127+/-0.045 χ^2/NDF : 1055156.2/45

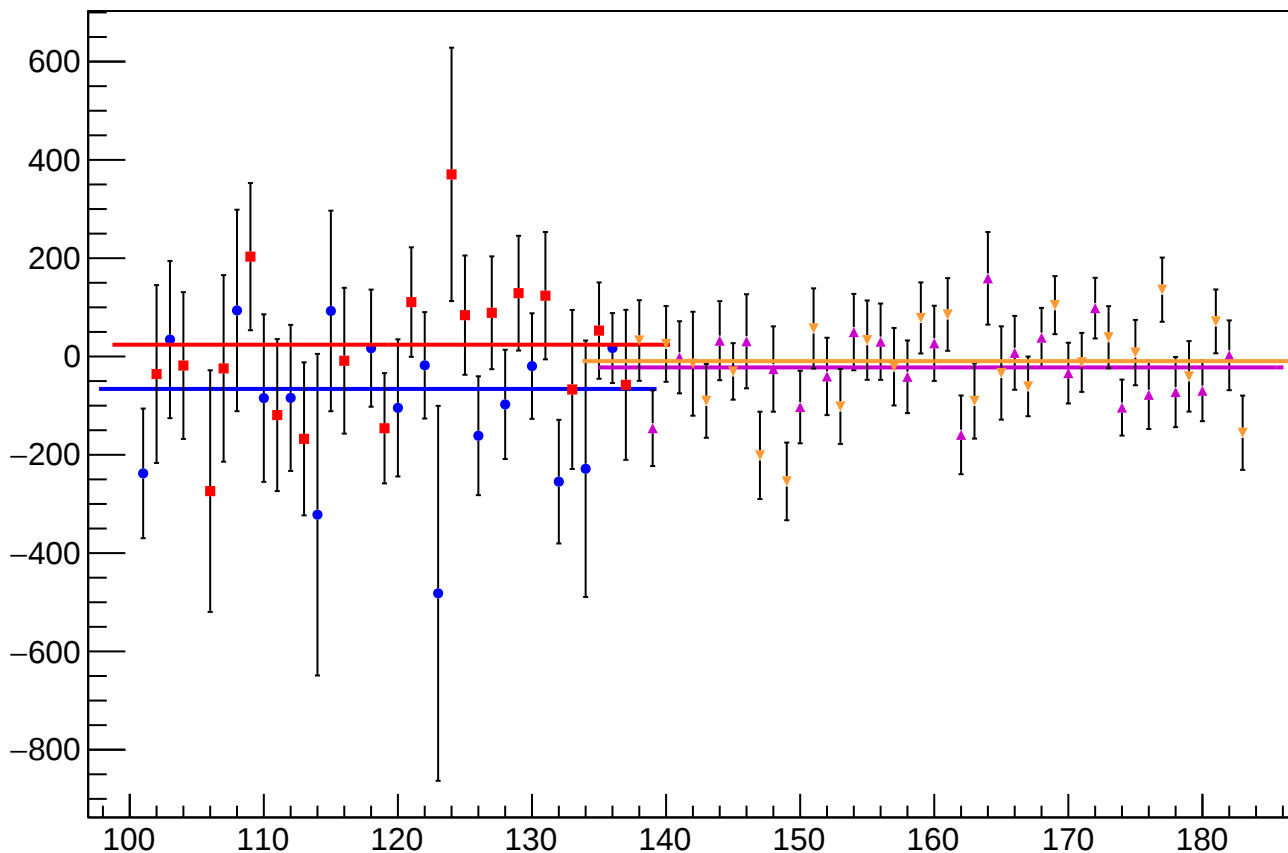
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

All: 372.127+/-0.045 χ^2/NDF : 1055156.2/45

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: -9.418 ± 14.713 χ^2/NDF : 38.3/23

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -22.238 ± 15.436 χ^2/NDF : 22.0/21

Left: -15.521 ± 10.650 χ^2/NDF : 60.6/45

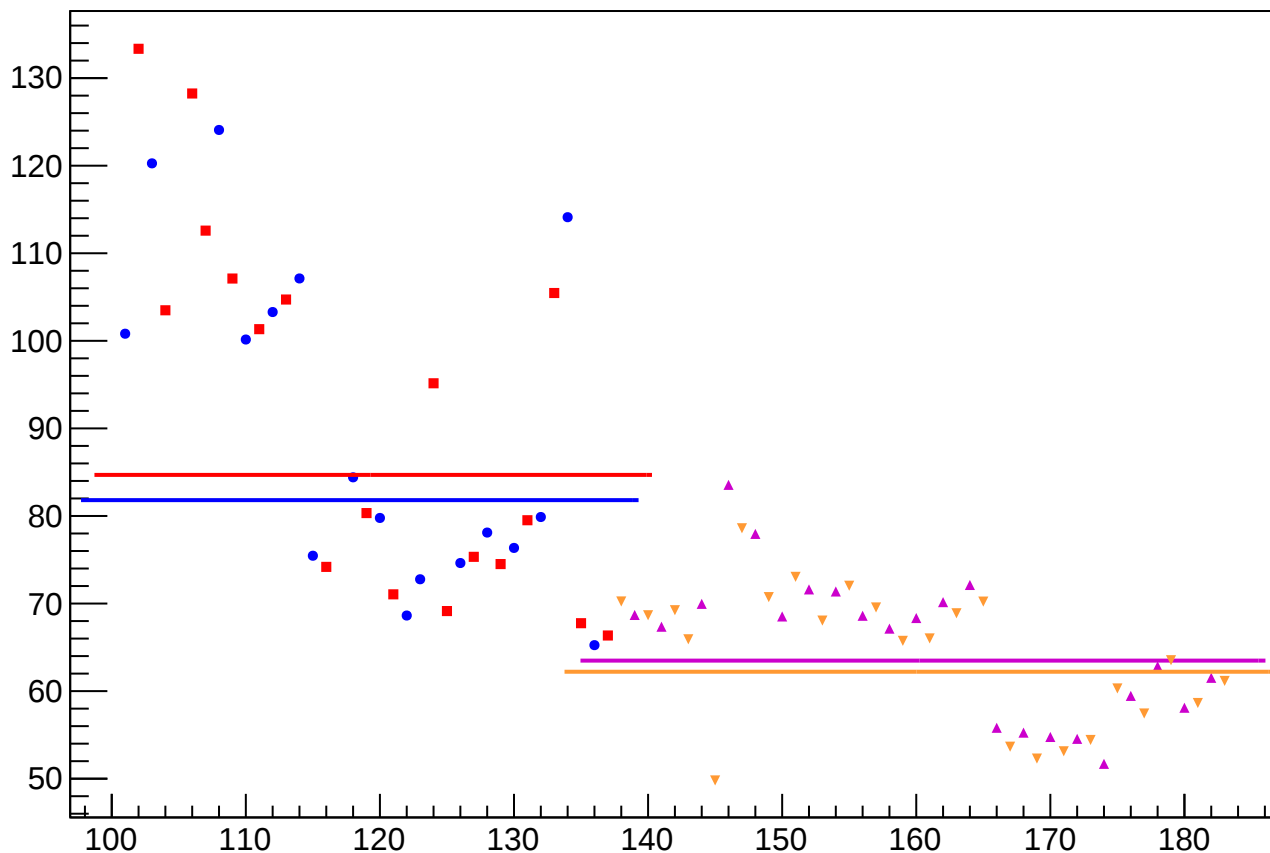
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -30.375 ± 13.927 χ^2/NDF : 34.3/38

Out: -3.820 ± 13.424 χ^2/NDF : 52.1/41

All: -16.609 ± 9.665 χ^2/NDF : 88.2/80

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.213+/-0.010 χ^2/NDF : 556789.0/23

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 63.484+/-0.011 χ^2/NDF : 523735.8/21

Left: 62.818+/-0.008 χ^2/NDF : 1087628.2/45

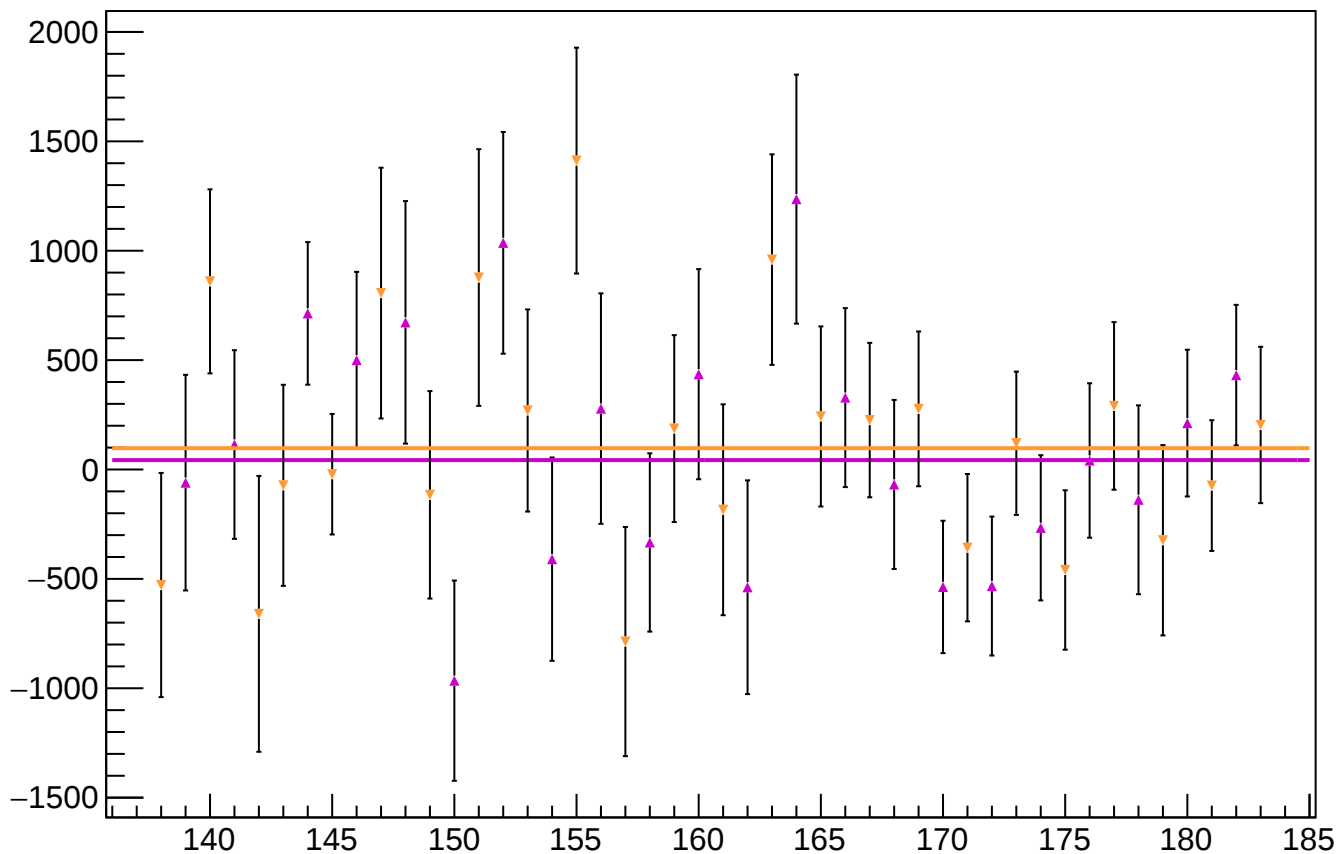
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 66.893+/-0.010 χ^2/NDF : 1555254.1/38

Out: 65.980+/-0.009 χ^2/NDF : 1955045.7/41

All: 66.420+/-0.007 χ^2/NDF : 3514751.0/80

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: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Left: 70.905 $\pm$ 59.488 χ^2 /NDF: 63.9/45

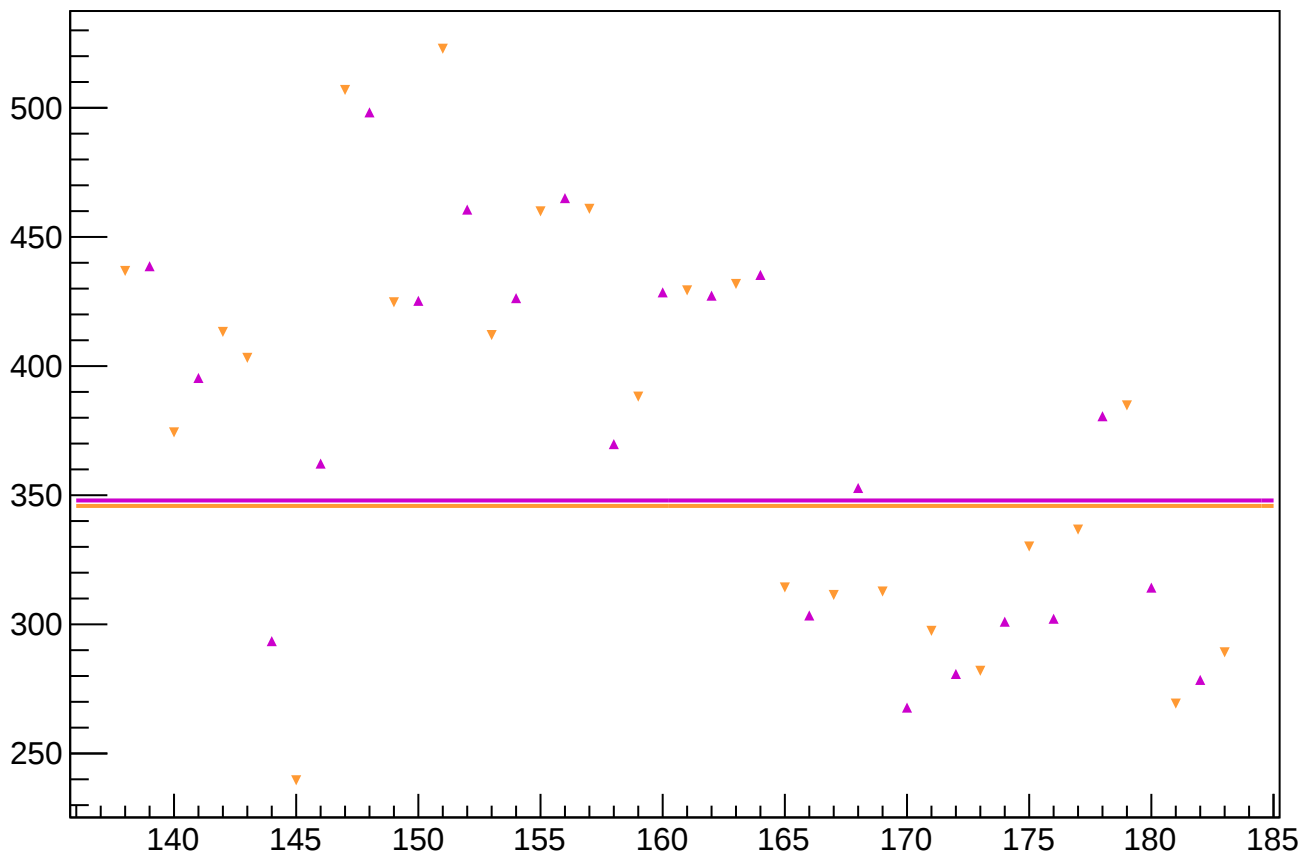
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

All: 70.905 $\pm$ 59.488 χ^2 /NDF: 63.9/45

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: 345.848+/-0.059 χ^2/NDF :1565232.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Left: 346.879+/-0.042 χ^2/NDF : 2789363.0/45

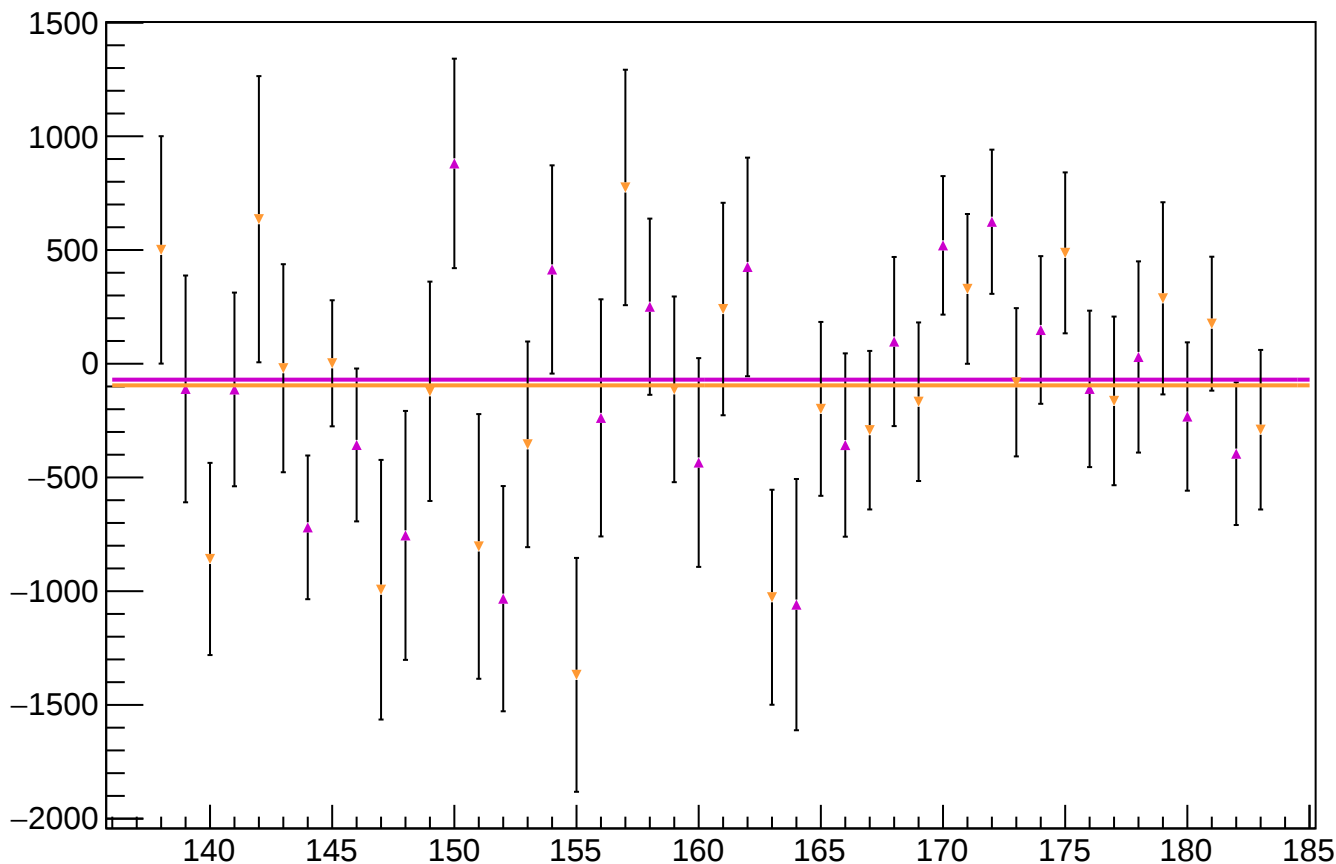
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

All: 346.879+/-0.042 χ^2/NDF : 2789363.0/45

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -95.091+/-81.591 χ^2/NDF :30.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.988+/-82.949 χ^2/NDF :32.5/21

Left: -82.746+/-58.168 χ^2/NDF : 63.2/45

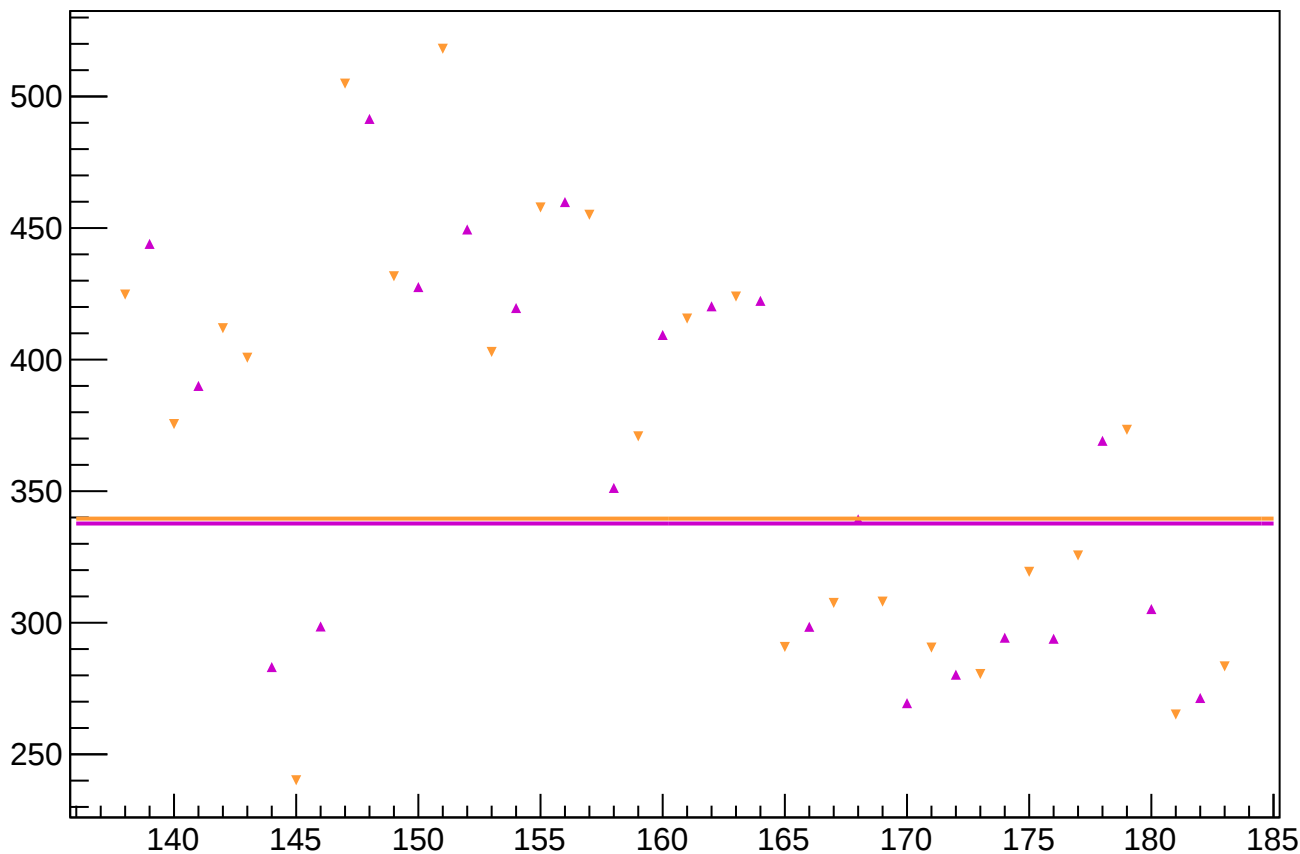
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.988+/-82.949 χ^2/NDF :32.5/21

Out: -95.091+/-81.591 χ^2/NDF :30.7/23

All: -82.746+/-58.168 χ^2/NDF : 63.2/45

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Left: 338.660+/-0.041 χ^2/NDF : 2820837.5/45

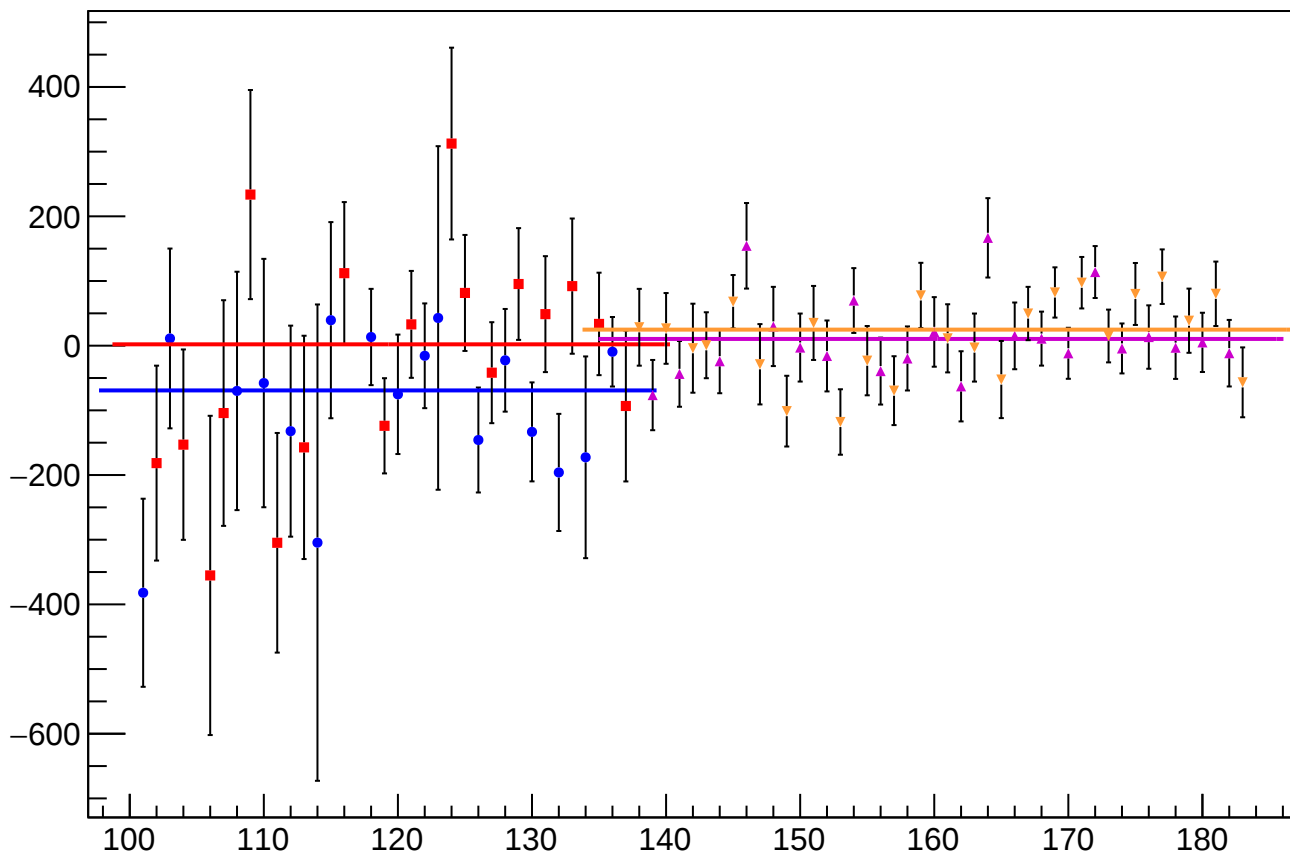
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

All: 338.660+/-0.041 χ^2/NDF : 2820837.5/45

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 ± 10.091 χ^2/NDF : 37.2/23

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: 10.396 ± 10.519 χ^2/NDF : 27.7/21

Left: 17.905 ± 7.282 χ^2/NDF : 65.9/45

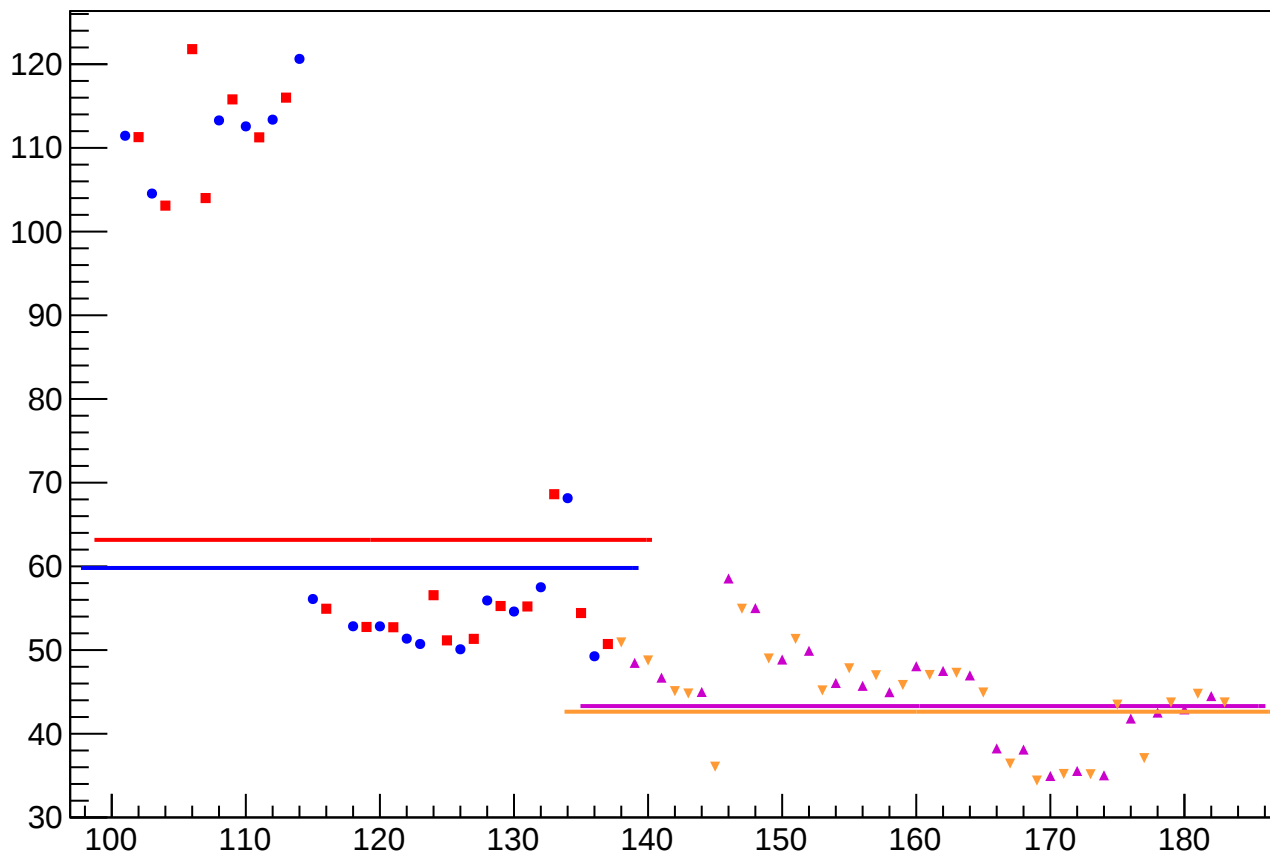
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -2.199 ± 9.651 χ^2/NDF : 50.3/38

Out: 21.670 ± 9.367 χ^2/NDF : 61.7/41

All: 10.092 ± 6.722 χ^2/NDF : 115.1/80

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: 42.635 $\pm$ 0.007 χ^2/NDF : 662667.9/23

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 43.308 $\pm$ 0.007 χ^2/NDF : 617312.3/21

Left: 42.957 $\pm$ 0.005 χ^2/NDF : 1284239.3/45

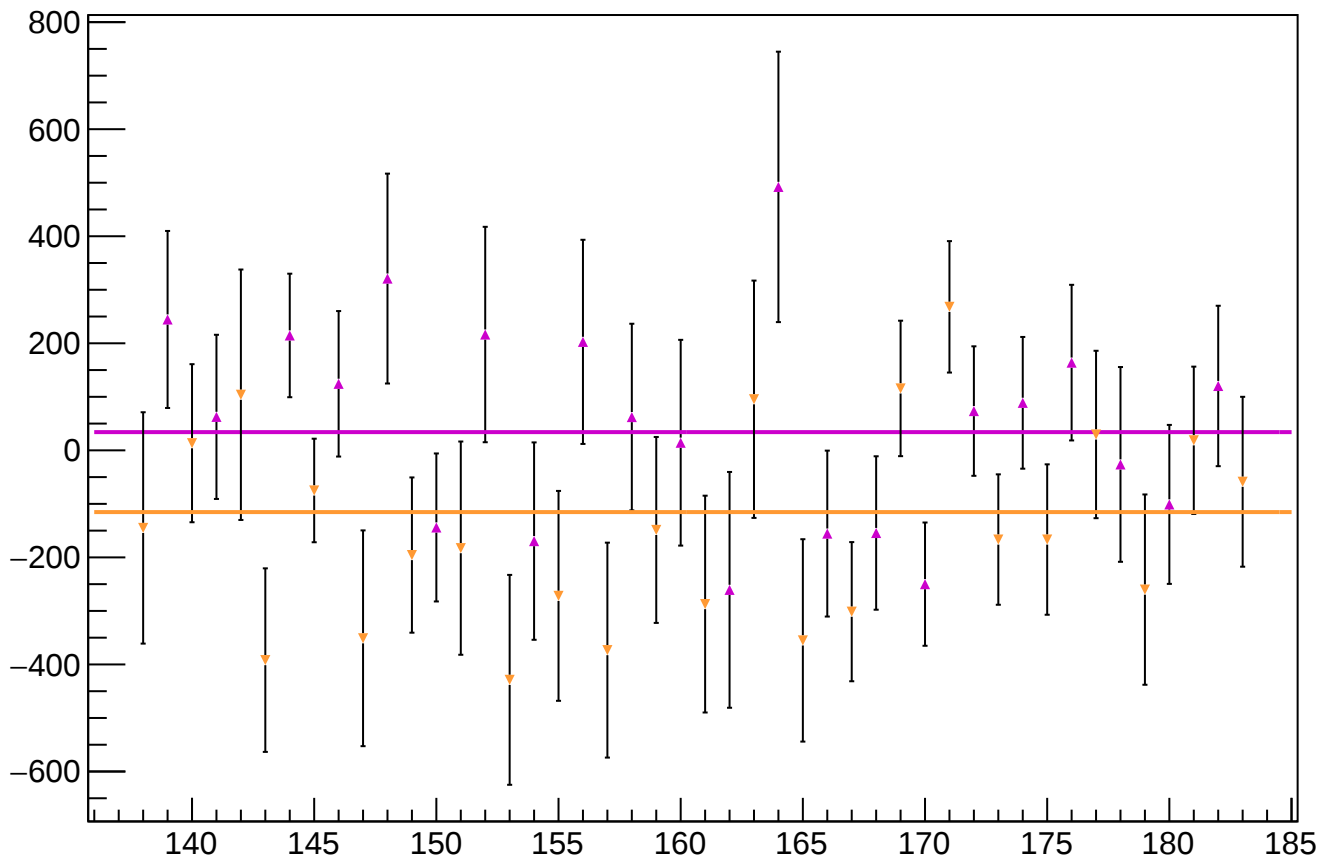
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 45.919 $\pm$ 0.007 χ^2/NDF : 2626140.8/38

Out: 45.474 $\pm$ 0.007 χ^2/NDF : 3195072.3/41

All: 45.690 $\pm$ 0.005 χ^2/NDF : 5823399.3/80

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: -115.349+/-31.984 χ^2/NDF :32.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.043+/-32.756 χ^2/NDF :28.0/21

Left: -42.433+/-22.884 χ^2/NDF : 71.0/45

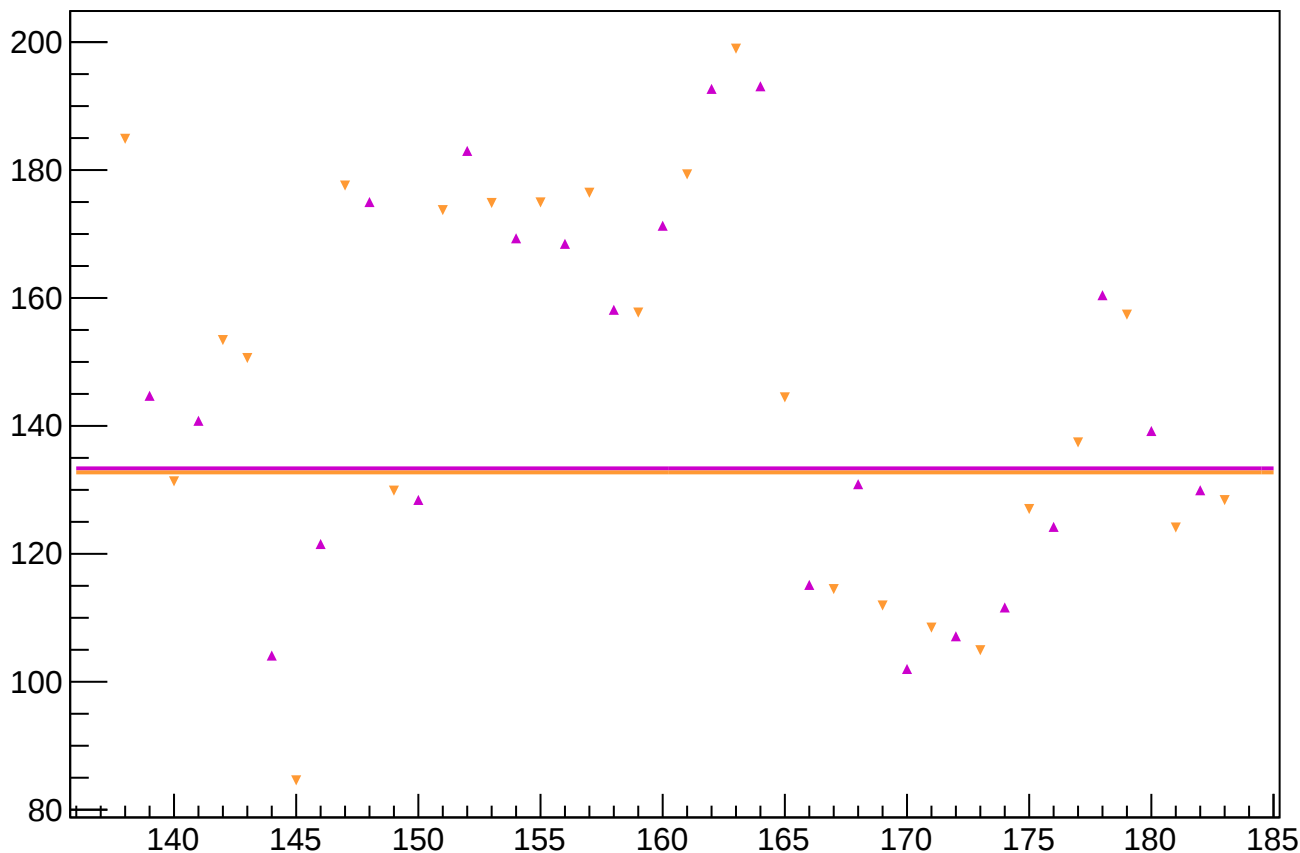
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.043+/-32.756 χ^2/NDF :28.0/21

Out: -115.349+/-31.984 χ^2/NDF :32.4/23

All: -42.433+/-22.884 χ^2/NDF : 71.0/45

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: 132.738+/-0.023 χ^2/NDF :1775908.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Left: 133.040+/-0.016 χ^2/NDF : 3057232.5/45

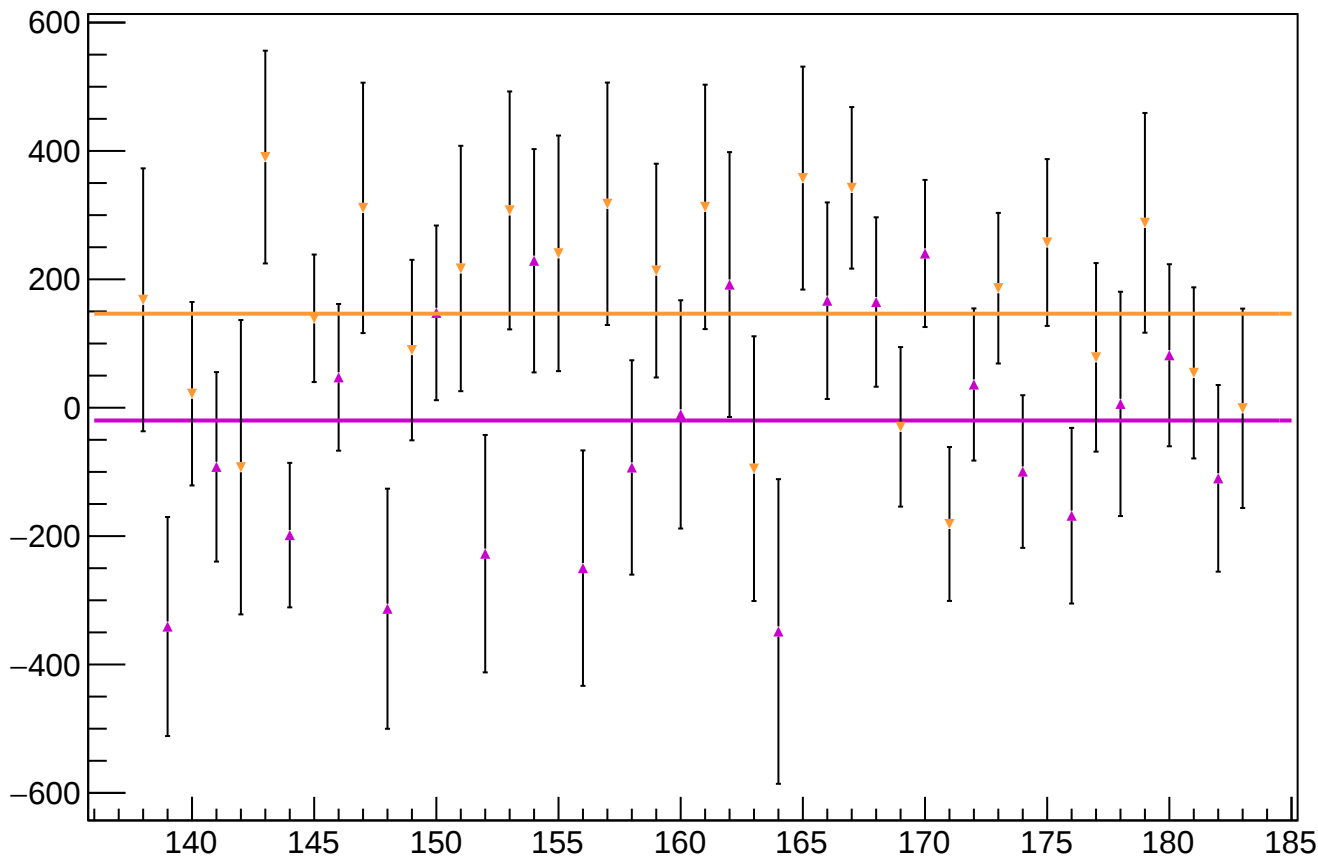
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

All: 133.040+/-0.016 χ^2/NDF : 3057232.5/45

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Left: 64.412 $\pm$ 21.982 χ^2 /NDF: 70.0/45

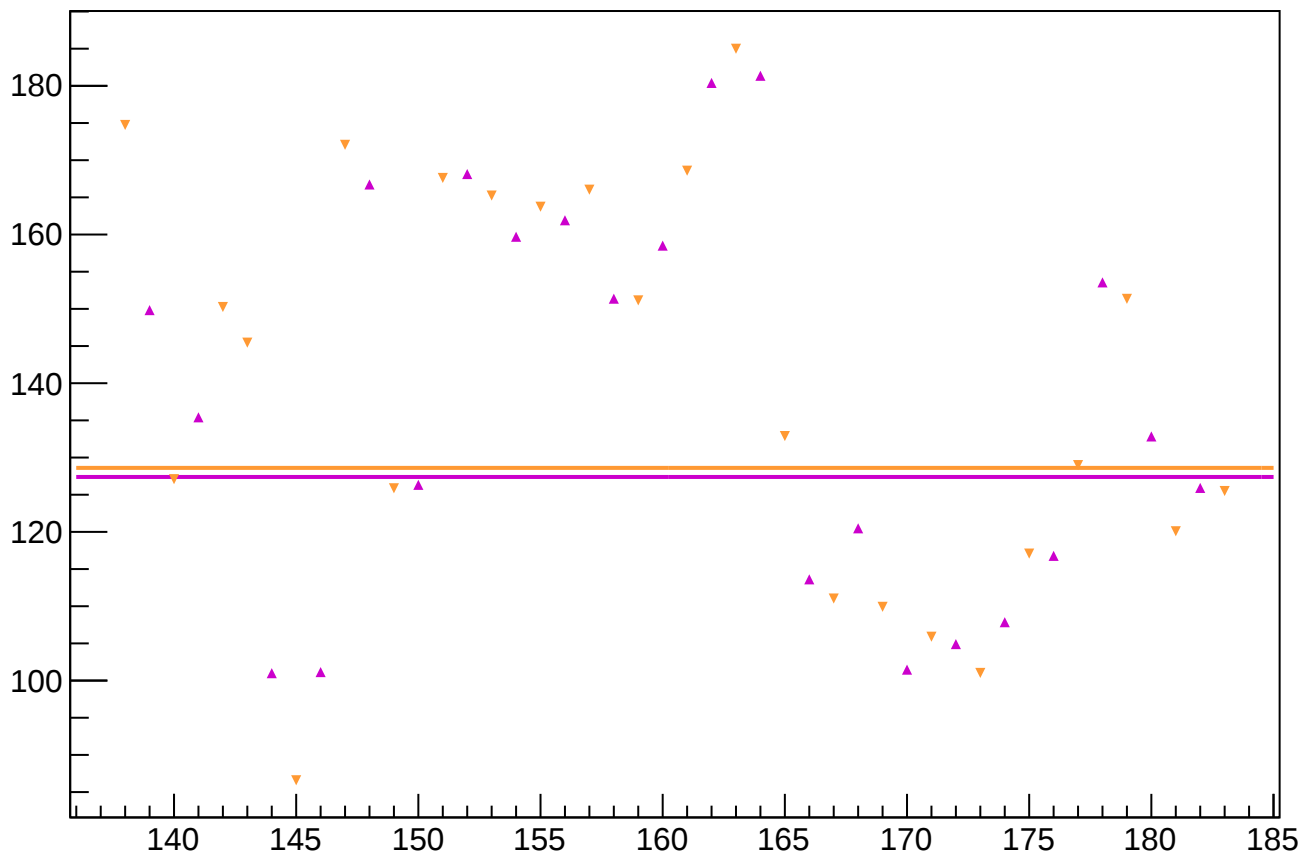
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

All: 64.412 $\pm$ 21.982 χ^2 /NDF: 70.0/45

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 128.611 $\pm$ 0.022 χ^2 /NDF:1513790.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 127.389 $\pm$ 0.022 χ^2 /NDF:1229887.6/21

Left: 128.008 $\pm$ 0.016 χ^2 /NDF: 2745221.2/45

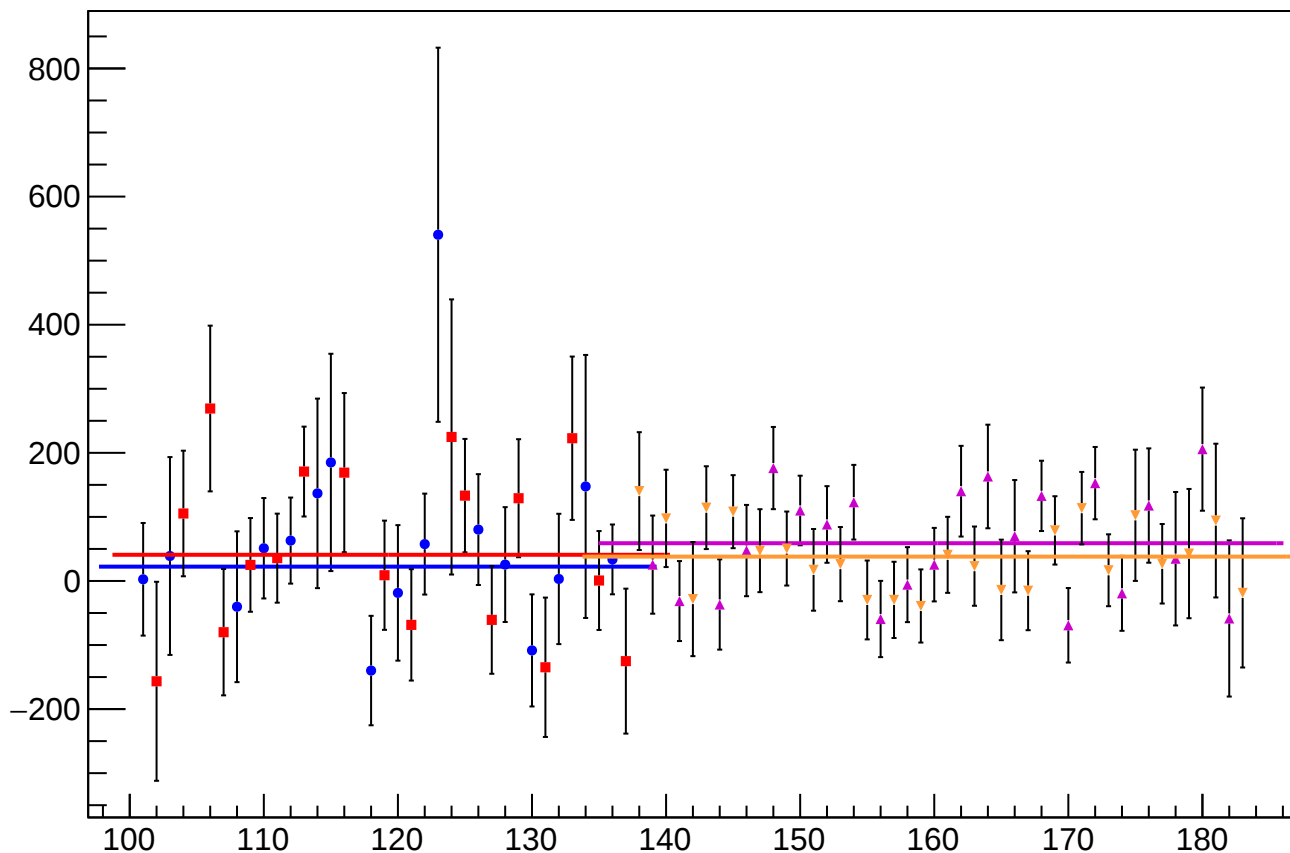
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 127.389 $\pm$ 0.022 χ^2 /NDF:1229887.6/21

Out: 128.611 $\pm$ 0.022 χ^2 /NDF:1513790.0/23

All: 128.008 $\pm$ 0.016 χ^2 /NDF: 2745221.2/45

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: 38.002 ± 13.546 $\chi^2/\text{NDF}: 14.5/23$

Right Out: 40.867 ± 22.136 $\chi^2/\text{NDF}: 24.2/17$

Left In: 58.915 ± 14.187 $\chi^2/\text{NDF}: 33.3/21$

Left: 47.976 ± 9.797 $\chi^2/\text{NDF}: 48.9/45$

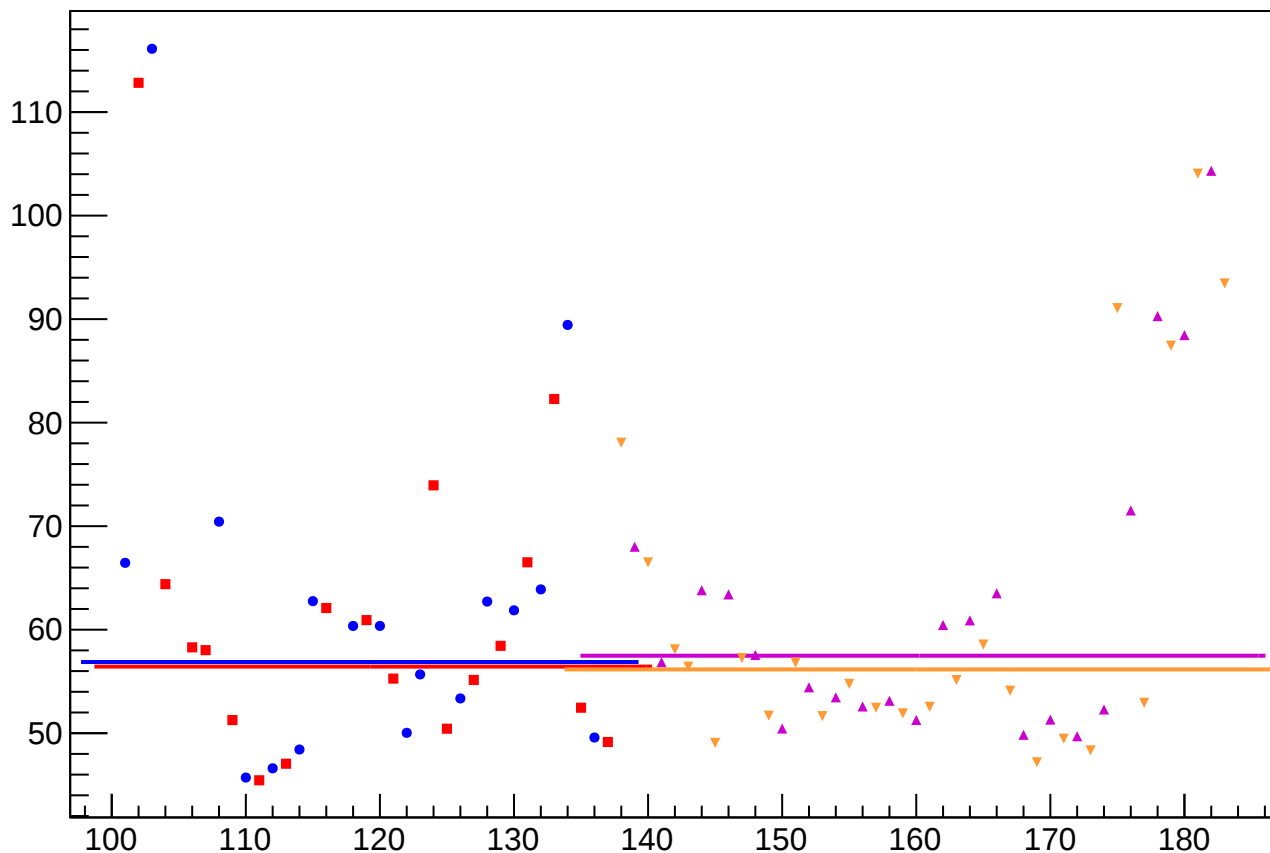
Right: 31.816 ± 15.823 $\chi^2/\text{NDF}: 37.1/34$

In: 48.599 ± 12.019 $\chi^2/\text{NDF}: 47.8/38$

Out: 38.782 ± 11.555 $\chi^2/\text{NDF}: 38.7/41$

All: 43.497 ± 8.330 $\chi^2/\text{NDF}: 86.8/80$

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: 56.160 $\pm$ 0.010 χ^2/NDF : 1316070.1/23

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 57.485 $\pm$ 0.010 χ^2/NDF : 1046581.7/21

Left: 56.792 $\pm$ 0.007 χ^2/NDF : 2371777.0/45

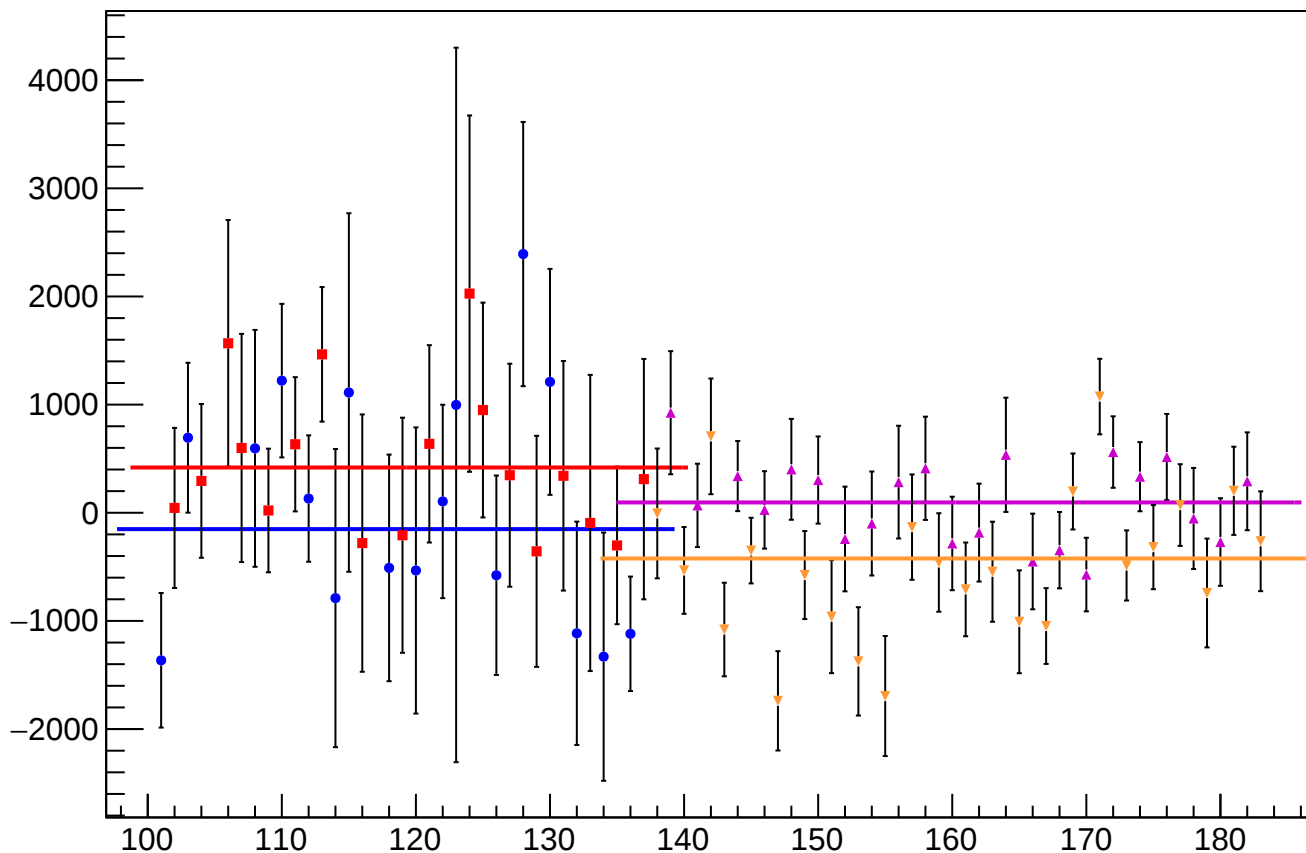
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 57.314 $\pm$ 0.008 χ^2/NDF : 1623101.0/38

Out: 56.235 $\pm$ 0.008 χ^2/NDF : 1836749.2/41

All: 56.753 $\pm$ 0.006 χ^2/NDF : 3468230.3/80

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -422.670+/-85.734 χ^2/NDF : 57.4/23

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 95.624+/-87.386 χ^2/NDF : 18.2/21

Left: -168.469+/-61.199 χ^2/NDF : 93.5/45

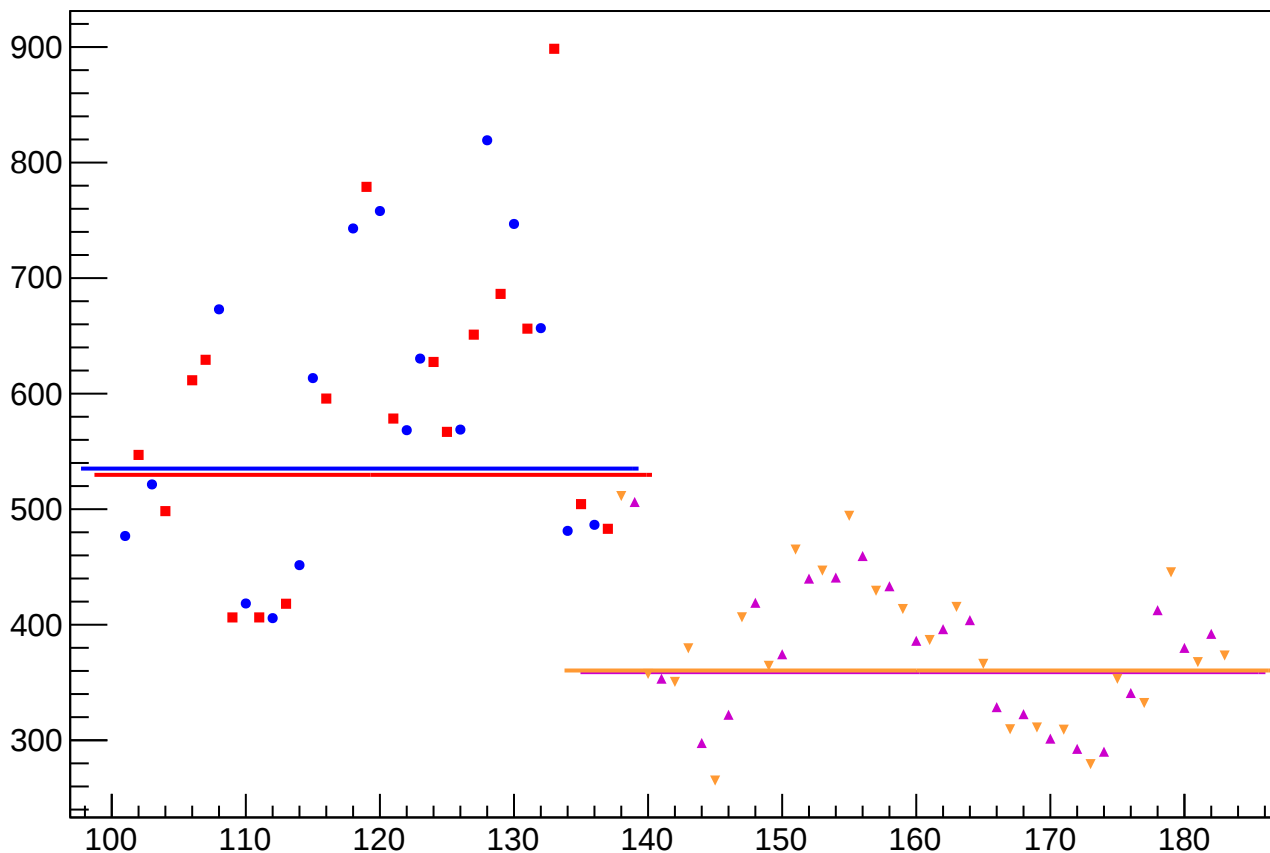
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 59.907+/-80.817 χ^2/NDF : 41.8/38

Out: -297.503+/-79.099 χ^2/NDF : 80.1/41

All: -122.636+/-56.529 χ^2/NDF : 131.9/80

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 360.380 $\pm$ 0.061 χ^2 /NDF: 1029078.6/23

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 358.947 $\pm$ 0.062 χ^2 /NDF: 843887.2/21

Left: 359.677 $\pm$ 0.043 χ^2 /NDF: 1873239.7/45

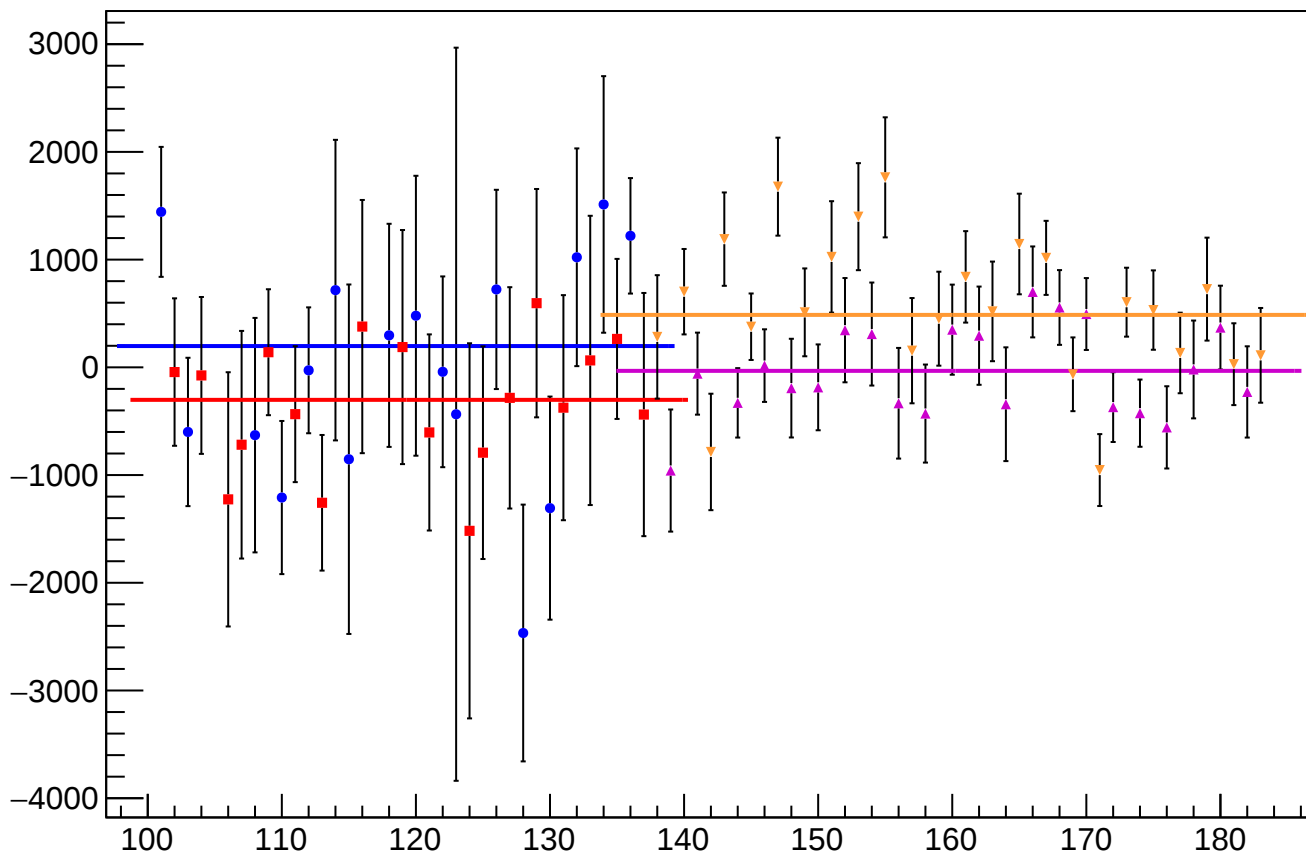
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 384.444 $\pm$ 0.057 χ^2 /NDF: 2616498.1/38

Out: 385.576 $\pm$ 0.056 χ^2 /NDF: 2836762.1/41

All: 385.022 $\pm$ 0.040 χ^2 /NDF: 5453460.8/80

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 486.787 $\pm$ 84.065 χ^2 /NDF:55.5/23

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -32.697 $\pm$ 85.286 χ^2 /NDF:21.9/21

Left: 230.789 $\pm$ 59.870 χ^2 /NDF: 96.3/45

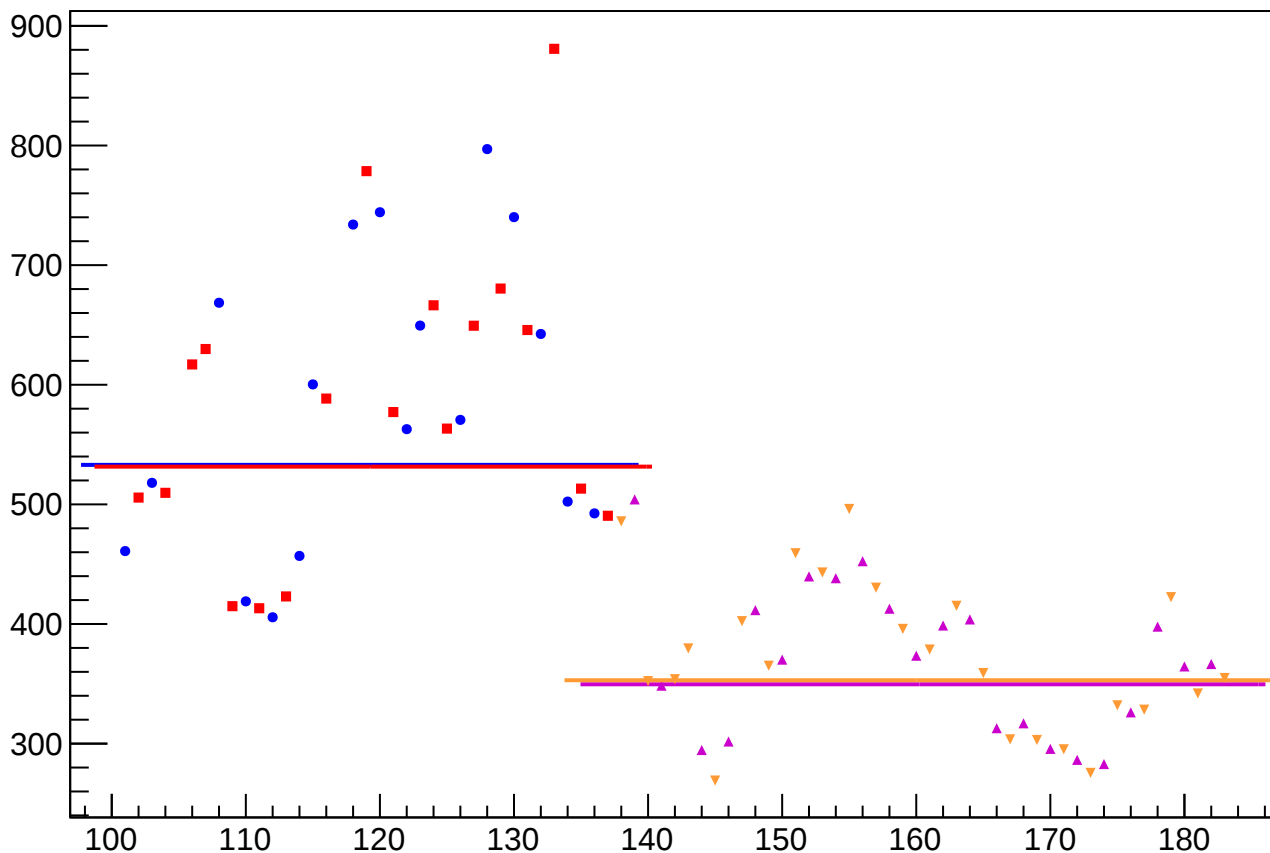
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -0.487 $\pm$ 79.096 χ^2 /NDF:46.9/38

Out: 373.920 $\pm$ 77.817 χ^2 /NDF:74.8/41

All: 189.767 $\pm$ 55.472 χ^2 /NDF: 133.1/80

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.983+/-0.059 χ^2/NDF :1003504.1/23

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 349.605+/-0.060 χ^2/NDF :885819.0/21

Left: 351.318+/-0.042 χ^2/NDF : 1890914.0/45

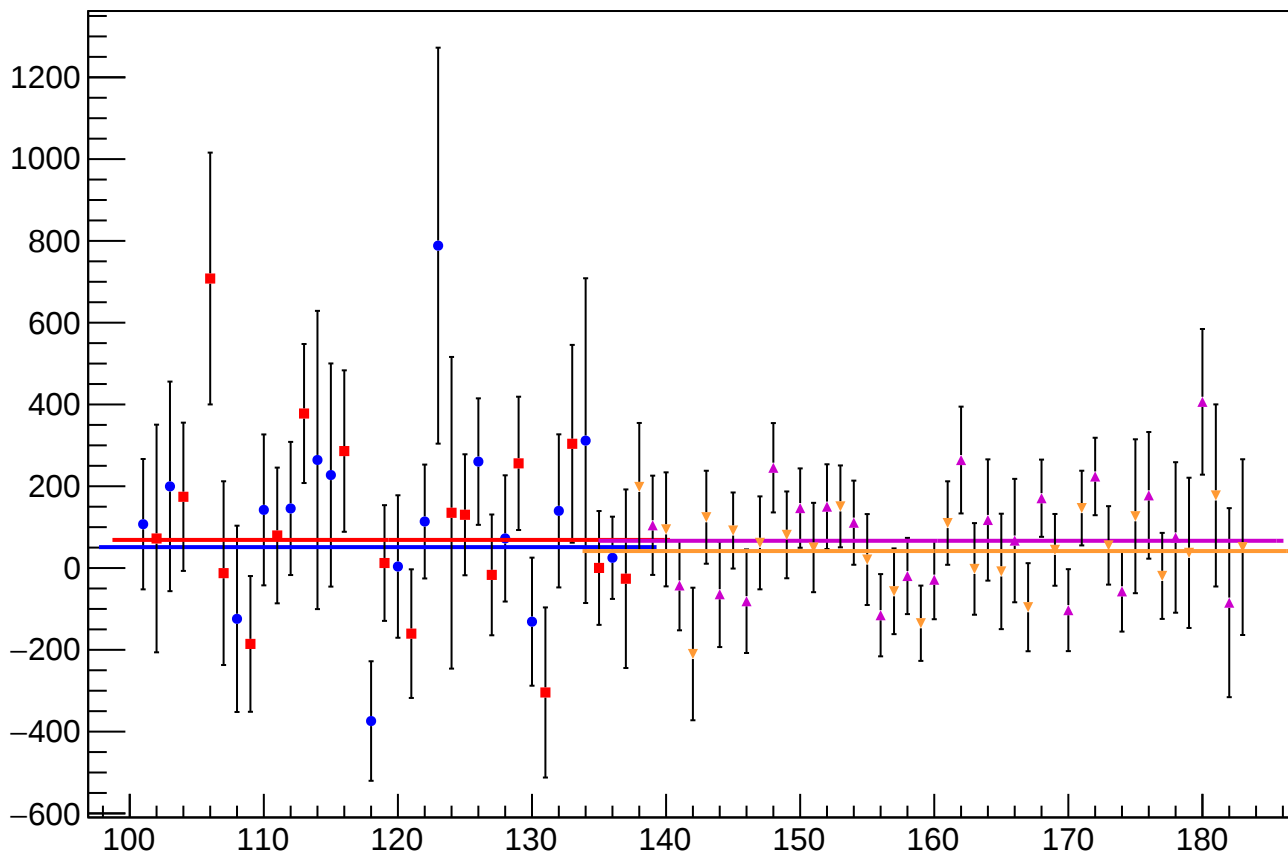
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.264+/-0.056 χ^2/NDF :2746778.3/38

Out: 378.540+/-0.055 χ^2/NDF :2893040.0/41

All: 376.928+/-0.039 χ^2/NDF : 5641561.6/80

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: 41.526 $\pm$ 23.418 χ^2 /NDF:15.0/23

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 66.652 $\pm$ 24.486 χ^2 /NDF:28.2/21

Left: 53.529 $\pm$ 16.924 χ^2 /NDF: 43.7/45

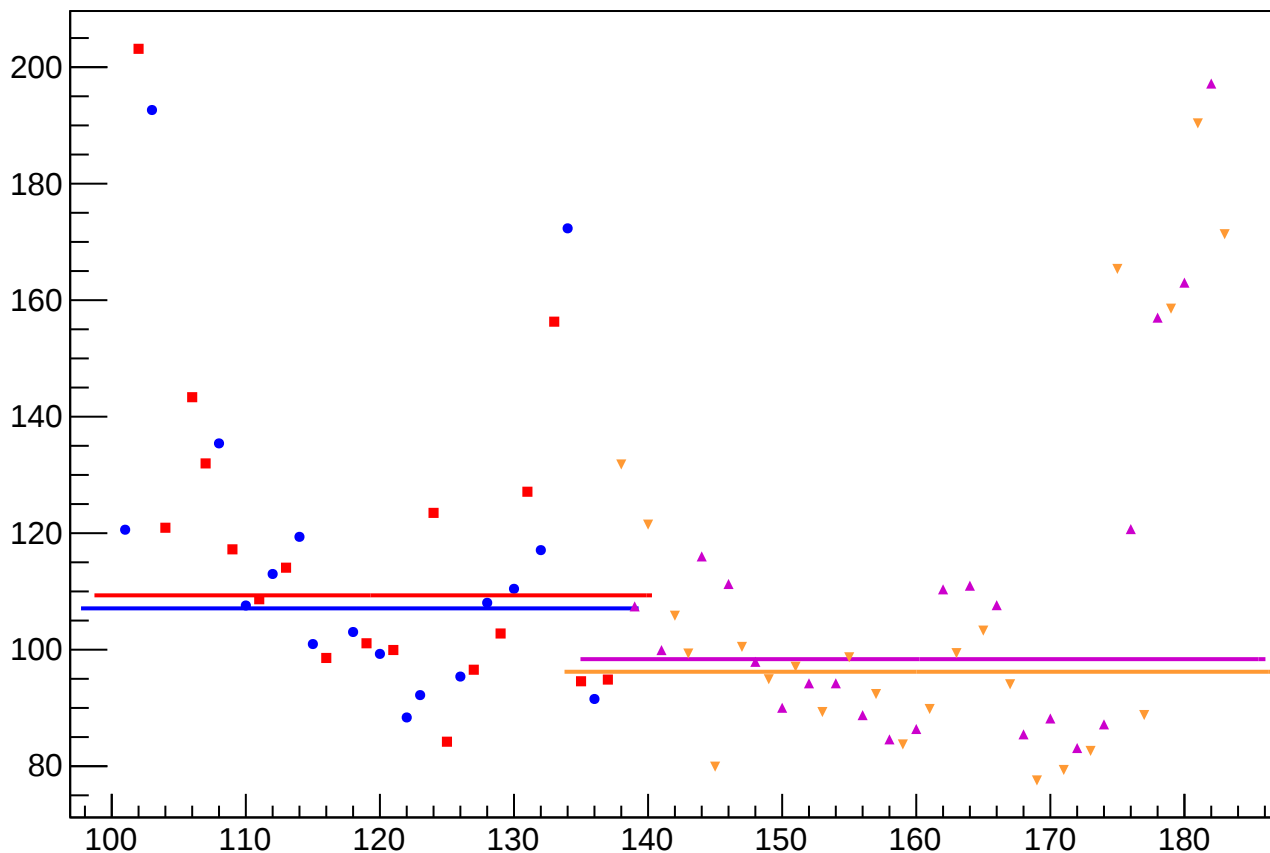
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 62.781 $\pm$ 21.206 χ^2 /NDF:45.6/38

Out: 47.804 $\pm$ 20.544 χ^2 /NDF:35.6/41

All: 55.055 $\pm$ 14.755 χ^2 /NDF: 81.5/80

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: 96.213 $\pm$ 0.017 χ^2 /NDF:1618259.5/23

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.376 $\pm$ 0.017 χ^2 /NDF:1231646.2/21

Left: 97.246 $\pm$ 0.012 χ^2 /NDF: 2858053.4/45

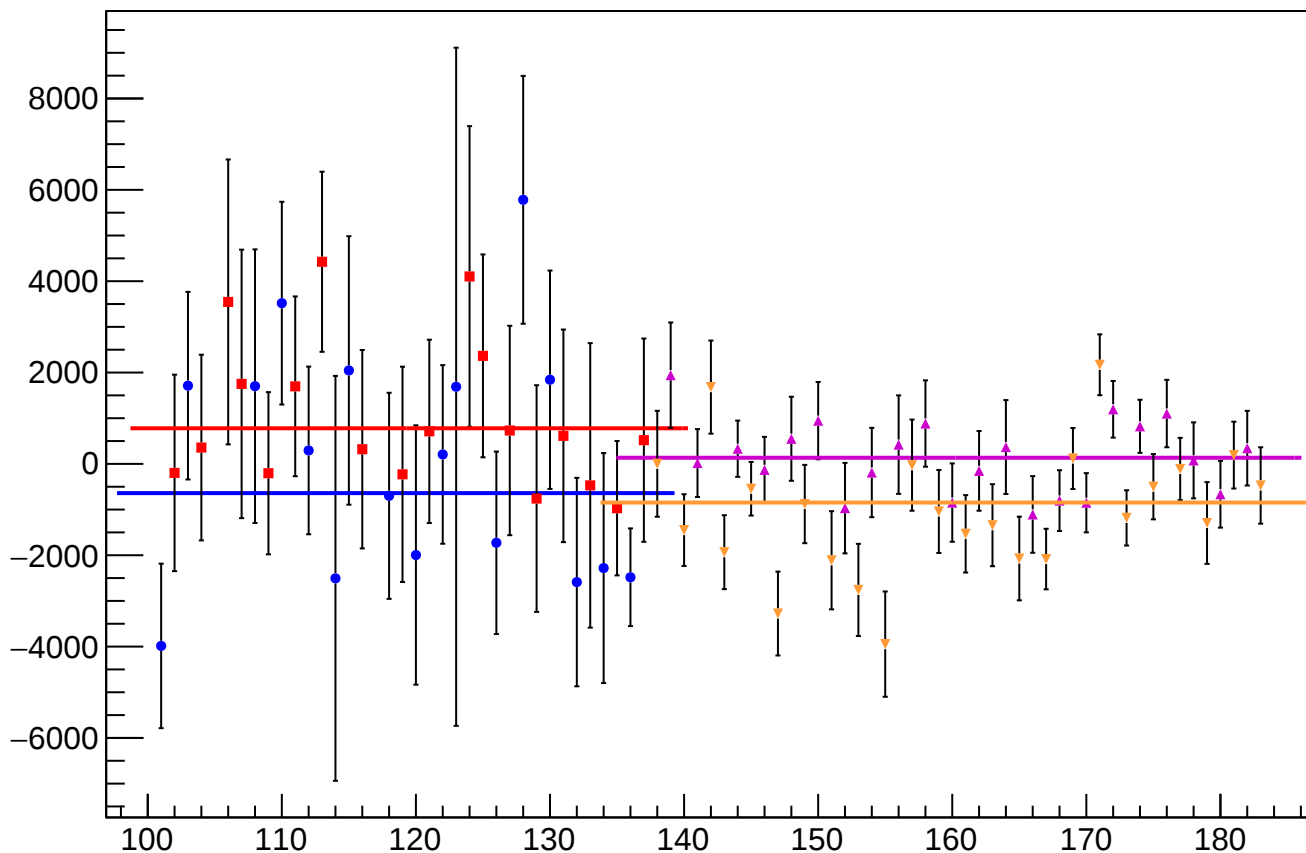
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.555 $\pm$ 0.015 χ^2 /NDF:1732768.9/38

Out: 99.235 $\pm$ 0.015 χ^2 /NDF:2268808.2/41

All: 99.874 $\pm$ 0.010 χ^2 /NDF: 4005575.1/80

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -845.643+/-164.170 χ^2/NDF : 62.3/23

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 134.536+/-167.576 χ^2/NDF : 21.2/21

Left: -365.617+/-117.272 χ^2/NDF : 100.9/45

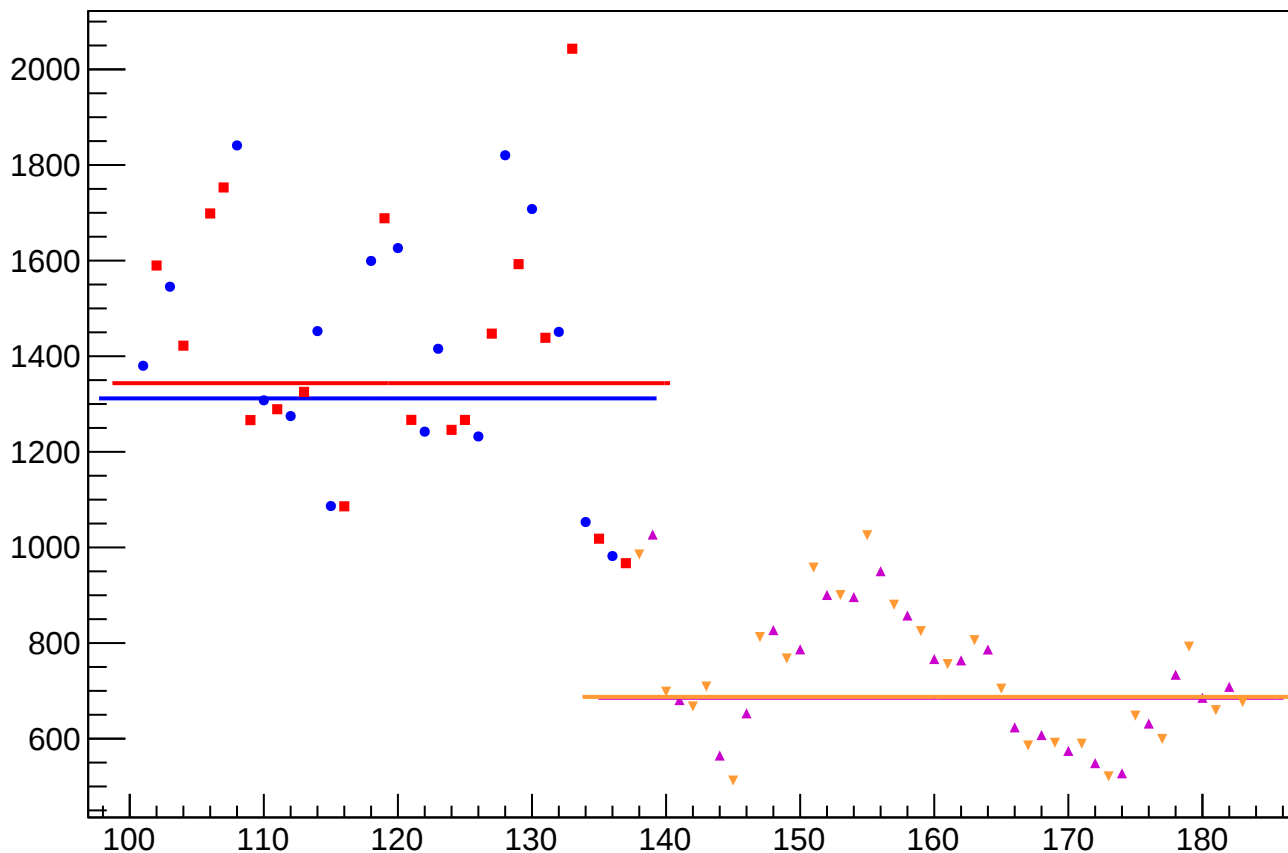
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 61.489+/-159.477 χ^2/NDF : 44.9/38

Out: -696.500+/-156.455 χ^2/NDF : 80.1/41

All: -324.754+/-111.684 χ^2/NDF : 136.5/80

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: 687.404 $\pm$ 0.116 χ^2 /NDF: 1277077.8/23

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 685.501 $\pm$ 0.118 χ^2 /NDF: 1120322.0/21

Left: 686.472 $\pm$ 0.083 χ^2 /NDF: 2397531.4/45

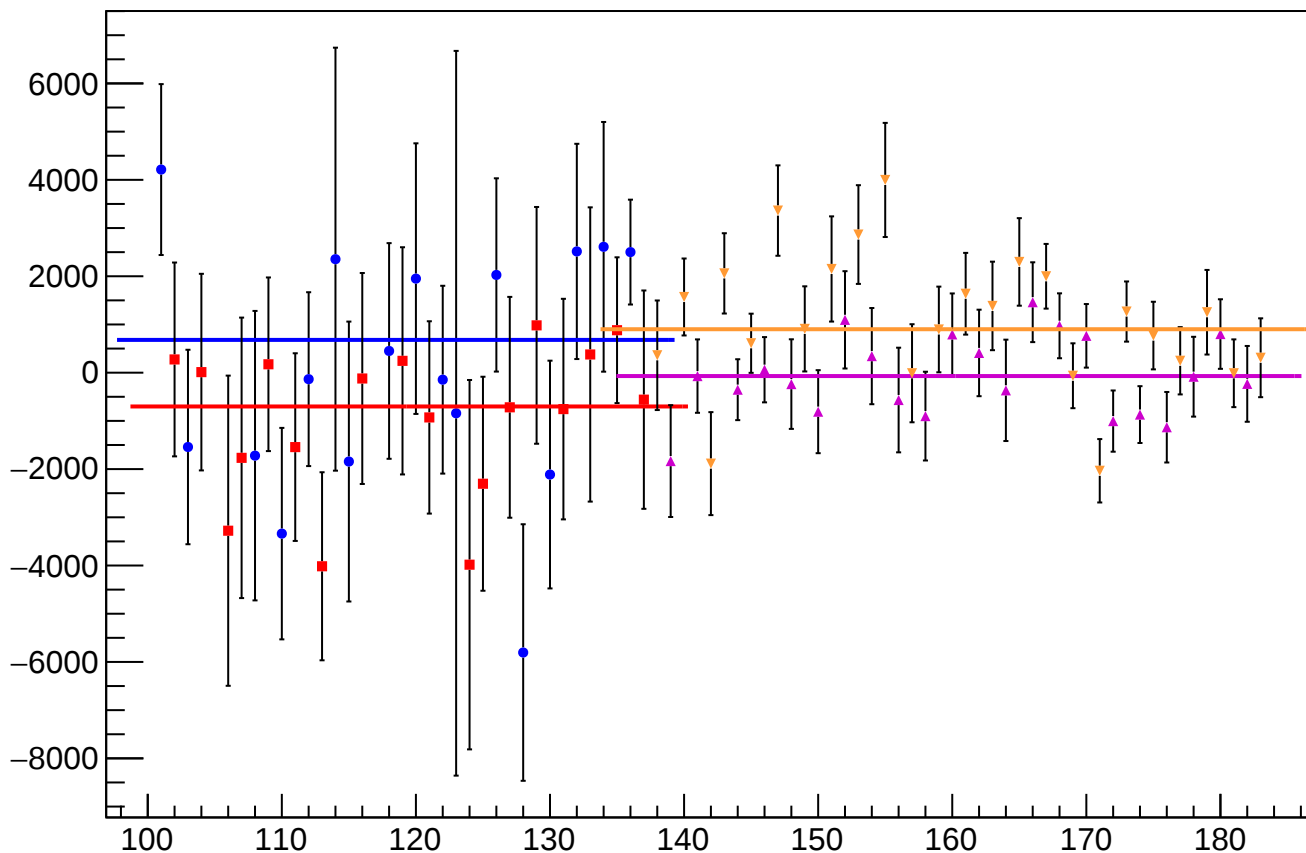
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 744.579 $\pm$ 0.113 χ^2 /NDF: 4268159.3/38

Out: 747.631 $\pm$ 0.111 χ^2 /NDF: 4671088.8/41

All: 746.134 $\pm$ 0.079 χ^2 /NDF: 8939621.5/80

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 901.336 $\pm$ 165.548 χ^2 /NDF:61.1/23

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -69.984 $\pm$ 168.056 χ^2 /NDF:22.3/21

Left: 422.980 $\pm$ 117.937 χ^2 /NDF: 100.4/45

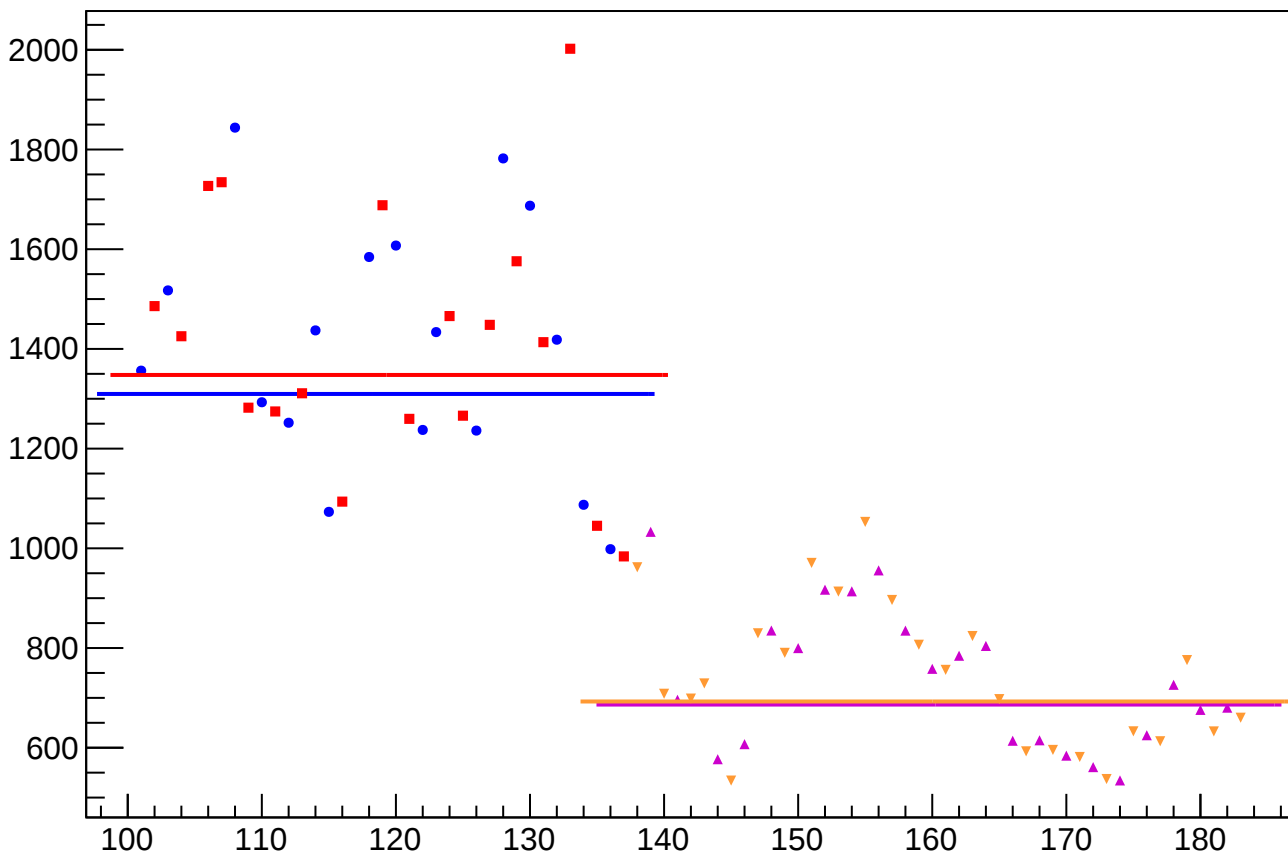
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 1.555 $\pm$ 159.840 χ^2 /NDF:46.7/38

Out: 752.495 $\pm$ 157.671 χ^2 /NDF:77.5/41

All: 382.153 $\pm$ 112.249 χ^2 /NDF: 135.4/80

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 692.752 $\pm$ 0.117 χ^2 /NDF: 1234649.1/23

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.580 $\pm$ 0.119 χ^2 /NDF: 1115447.5/21

Left: 689.713 $\pm$ 0.083 χ^2 /NDF: 2351465.8/45

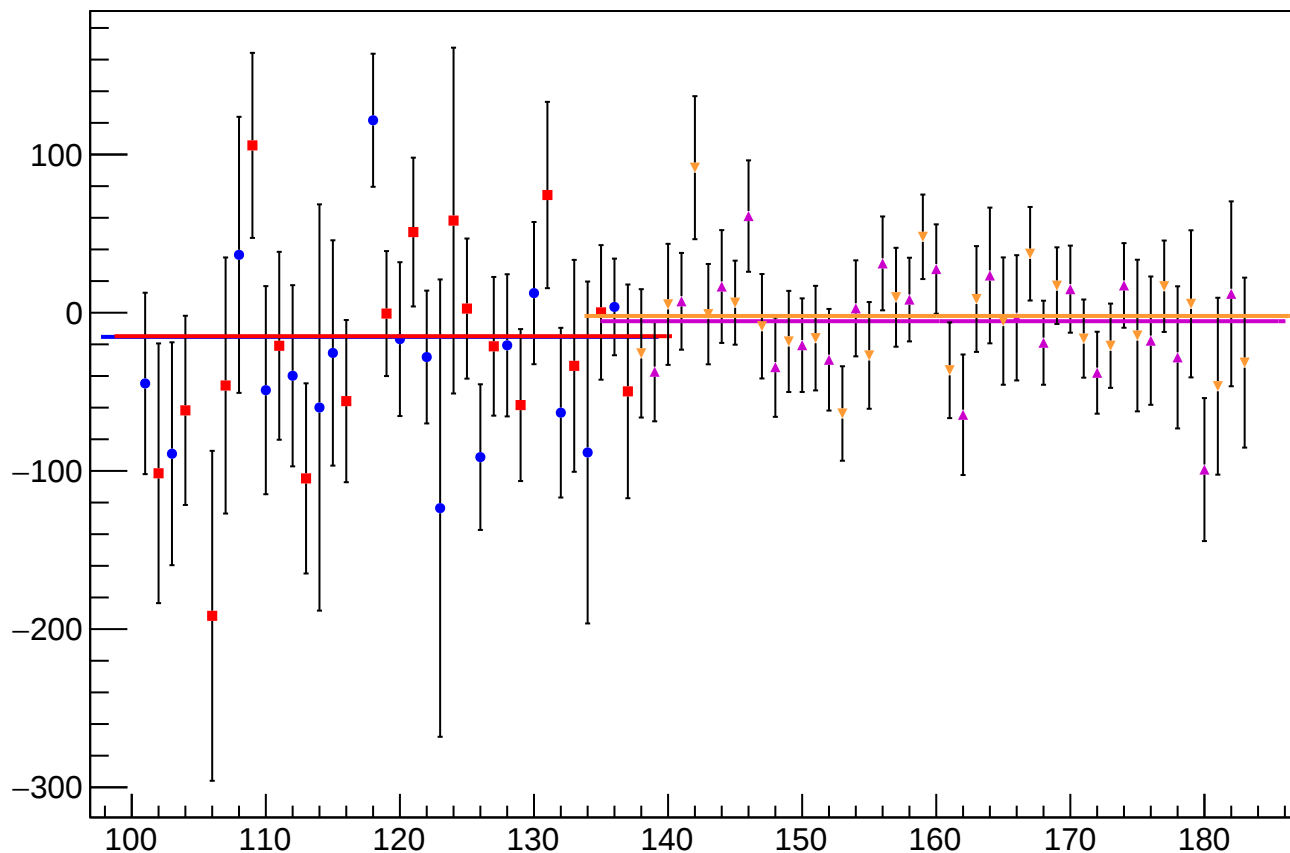
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 746.019 $\pm$ 0.113 χ^2 /NDF: 4197371.9/38

Out: 753.599 $\pm$ 0.111 χ^2 /NDF: 4548522.7/41

All: 749.861 $\pm$ 0.079 χ^2 /NDF: 8748174.2/80

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: -2.044 ± 6.638 χ^2/NDF : 19.8/23

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -5.368 ± 6.886 χ^2/NDF : 20.8/21

Left: -3.645 ± 4.779 χ^2/NDF : 40.7/45

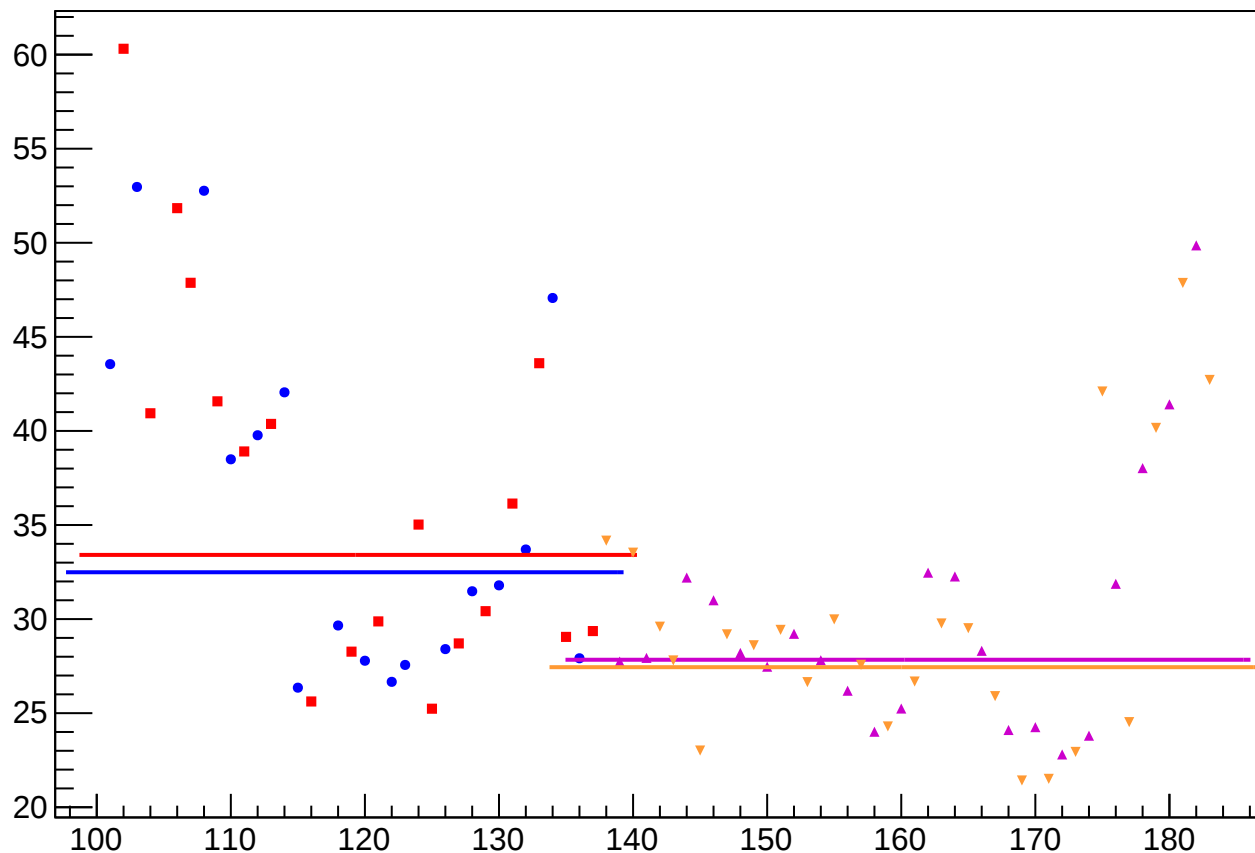
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.564 ± 6.075 χ^2/NDF : 39.5/38

Out: -4.659 ± 5.921 χ^2/NDF : 38.7/41

All: -6.074 ± 4.240 χ^2/NDF : 78.4/80

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.444 $\pm$ 0.005 χ^2 /NDF: 1325331.9/23

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 27.839 $\pm$ 0.005 χ^2 /NDF: 947857.6/21

Left: 27.634 $\pm$ 0.003 χ^2 /NDF: 2276601.0/45

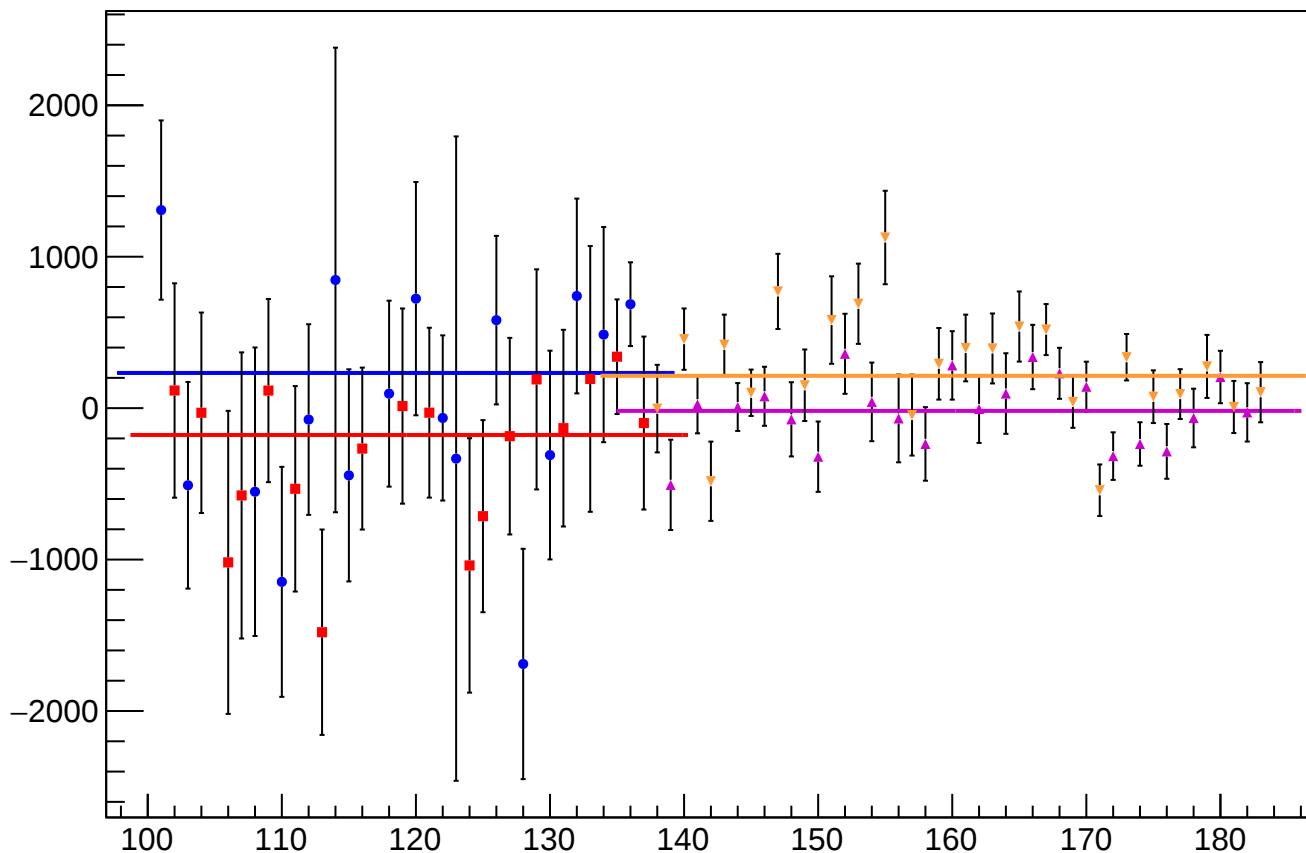
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 28.869 $\pm$ 0.004 χ^2 /NDF: 1744433.7/38

Out: 28.663 $\pm$ 0.004 χ^2 /NDF: 2380832.8/41

All: 28.764 $\pm$ 0.003 χ^2 /NDF: 4126442.6/80

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 ± 148.607 χ^2/NDF : 21.5/16

Left Out: 213.564 ± 41.586 χ^2/NDF : 61.3/23

Right Out: -177.151 ± 150.003 χ^2/NDF : 9.6/17

Left In: -18.167 ± 42.559 χ^2/NDF : 25.4/21

Left: 100.376 ± 29.744 χ^2/NDF : 101.9/45

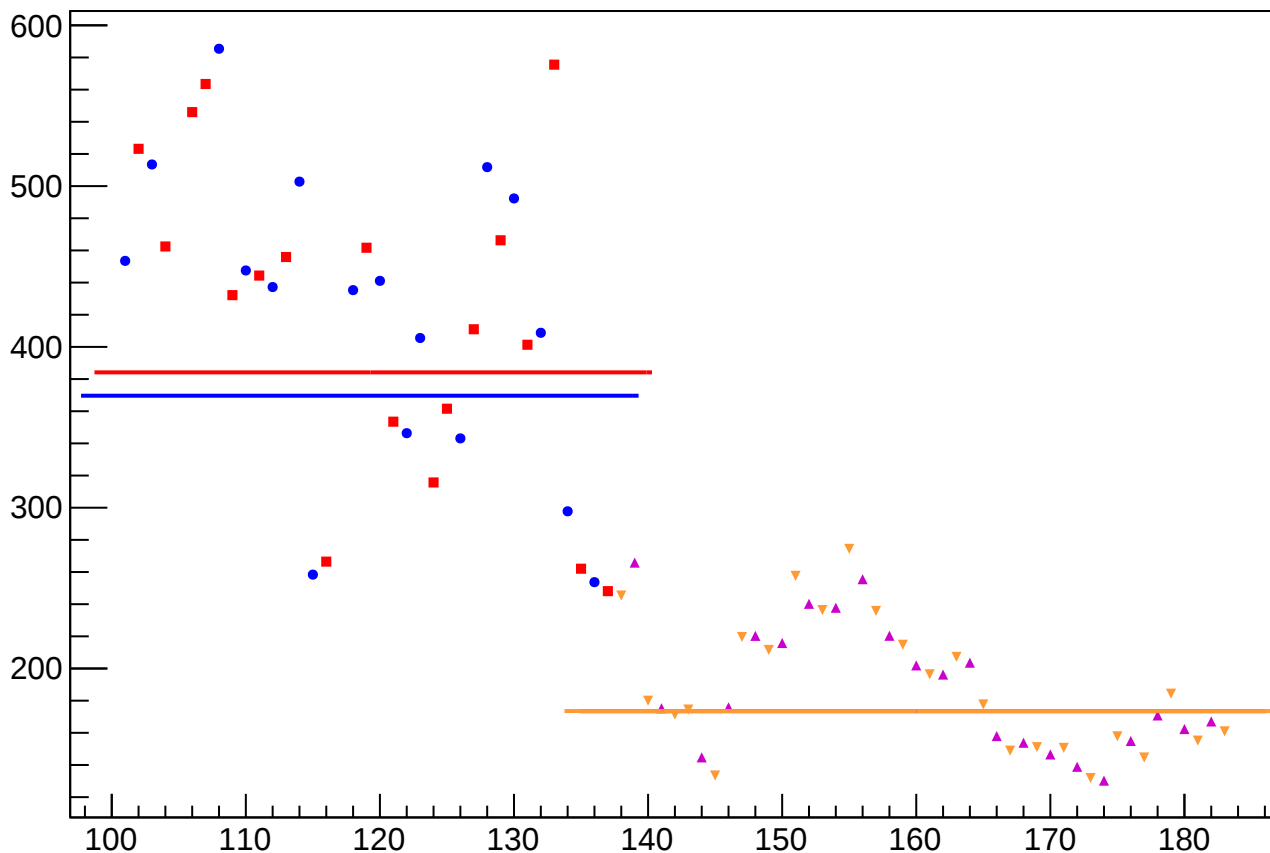
Right: 29.504 ± 105.571 χ^2/NDF : 34.8/34

In: 0.821 ± 40.914 χ^2/NDF : 49.5/38

Out: 185.677 ± 40.075 χ^2/NDF : 77.2/41

All: 95.164 ± 28.629 χ^2/NDF : 137.1/80

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650+/-0.105 χ^2/NDF : 902775.2/16

Left Out: 173.538+/-0.029 χ^2/NDF : 1488115.2/23

Right Out: 384.171+/-0.106 χ^2/NDF : 874993.4/17

Left In: 173.451+/-0.030 χ^2/NDF : 1362238.8/21

Left: 173.495+/-0.021 χ^2/NDF : 2850358.4/45

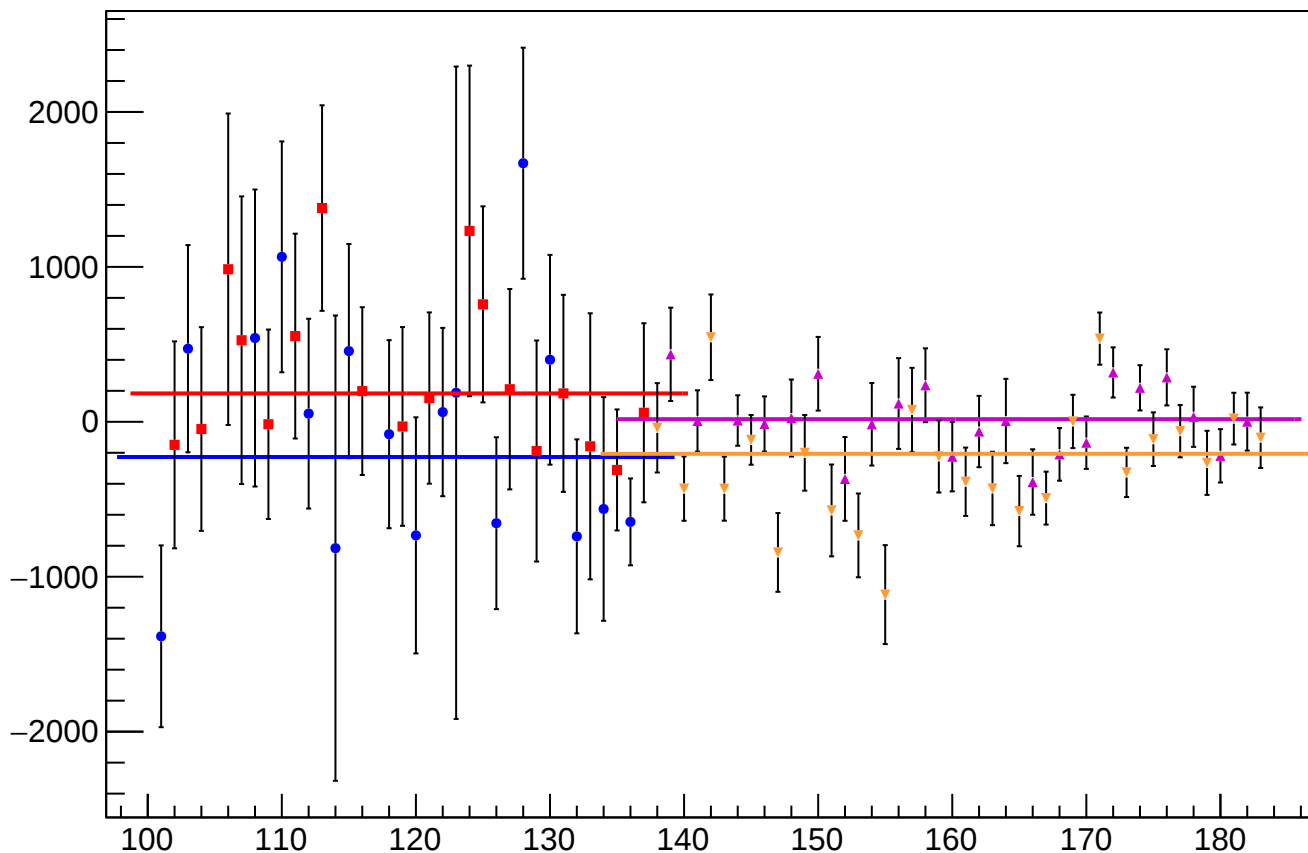
Right: 376.842+/-0.075 χ^2/NDF : 1787228.1/34

In: 188.322+/-0.029 χ^2/NDF : 5486905.4/38

Out: 188.572+/-0.028 χ^2/NDF : 6025163.9/41

All: 188.450+/-0.020 χ^2/NDF : 11512107.2/80

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -206.573 ± 42.101 $\chi^2/\text{NDF}: 63.0/23$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 17.085 ± 42.821 $\chi^2/\text{NDF}: 23.6/21$

Left: -96.640 ± 30.021 $\chi^2/\text{NDF}: 100.5/45$

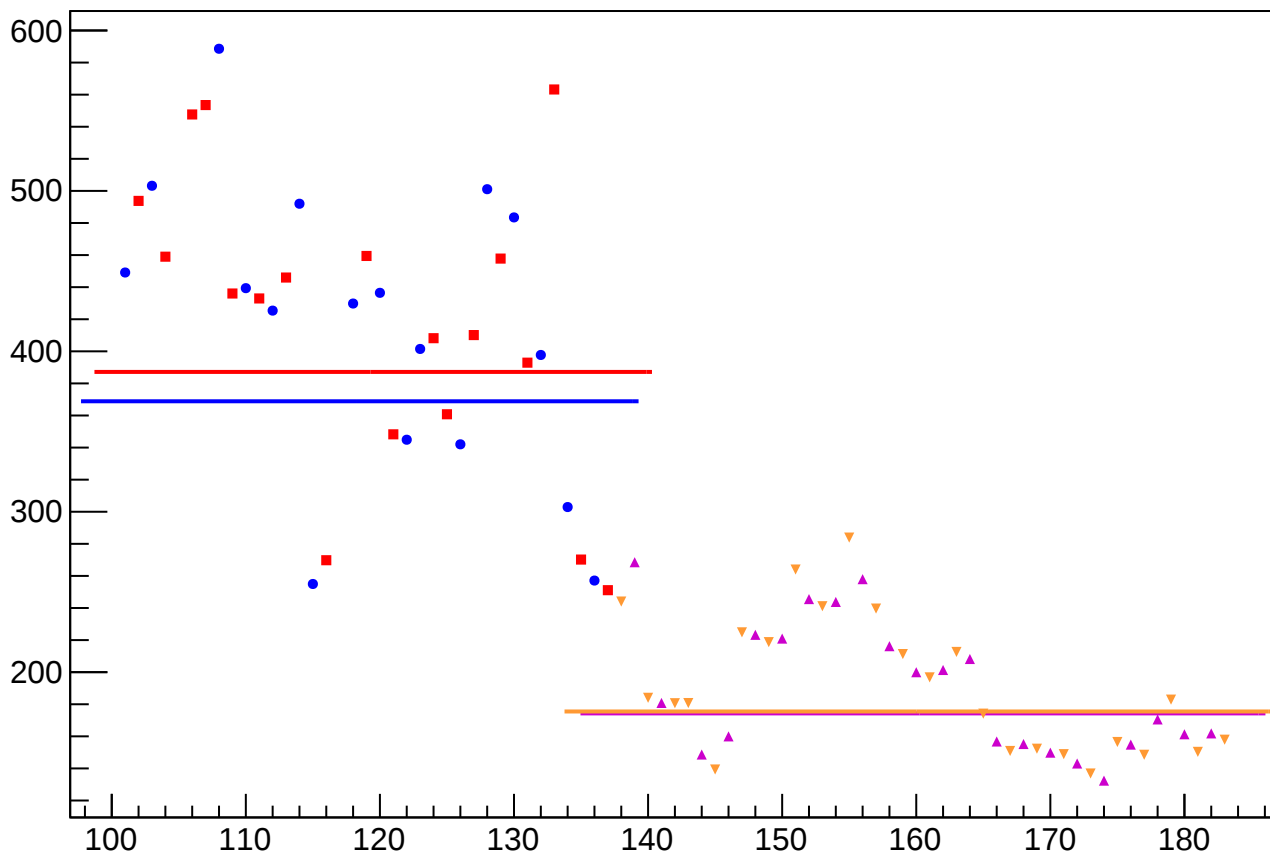
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -1.809 ± 41.132 $\chi^2/\text{NDF}: 47.9/38$

Out: -178.272 ± 40.544 $\chi^2/\text{NDF}: 78.0/41$

All: -91.310 ± 28.875 $\chi^2/\text{NDF}: 135.3/80$

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: 175.495 $\pm$ 0.030 χ^2 /NDF: 1496037.6/23

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 174.301 $\pm$ 0.030 χ^2 /NDF: 1364172.0/21

Left: 174.908 $\pm$ 0.021 χ^2 /NDF: 2861001.2/45

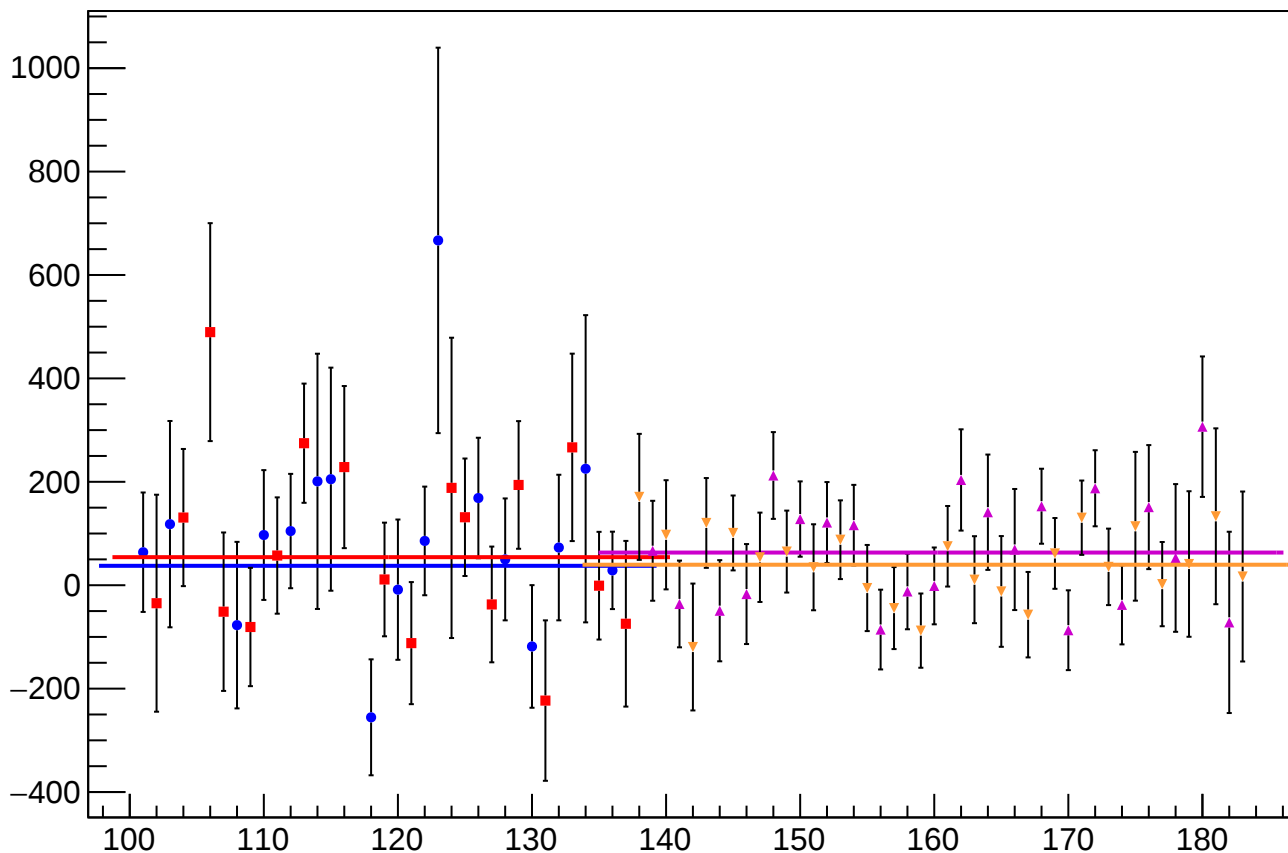
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 189.344 $\pm$ 0.029 χ^2 /NDF: 5386400.9/38

Out: 190.860 $\pm$ 0.029 χ^2 /NDF: 5923797.6/41

All: 190.113 $\pm$ 0.020 χ^2 /NDF: 11311576.1/80

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 ± 31.460 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 39.642 ± 17.947 $\chi^2/\text{NDF}: 14.3/23$

Right Out: 54.274 ± 31.489 $\chi^2/\text{NDF}: 21.8/17$

Left In: 63.166 ± 18.792 $\chi^2/\text{NDF}: 30.7/21$

Left: 50.863 ± 12.979 $\chi^2/\text{NDF}: 45.8/45$

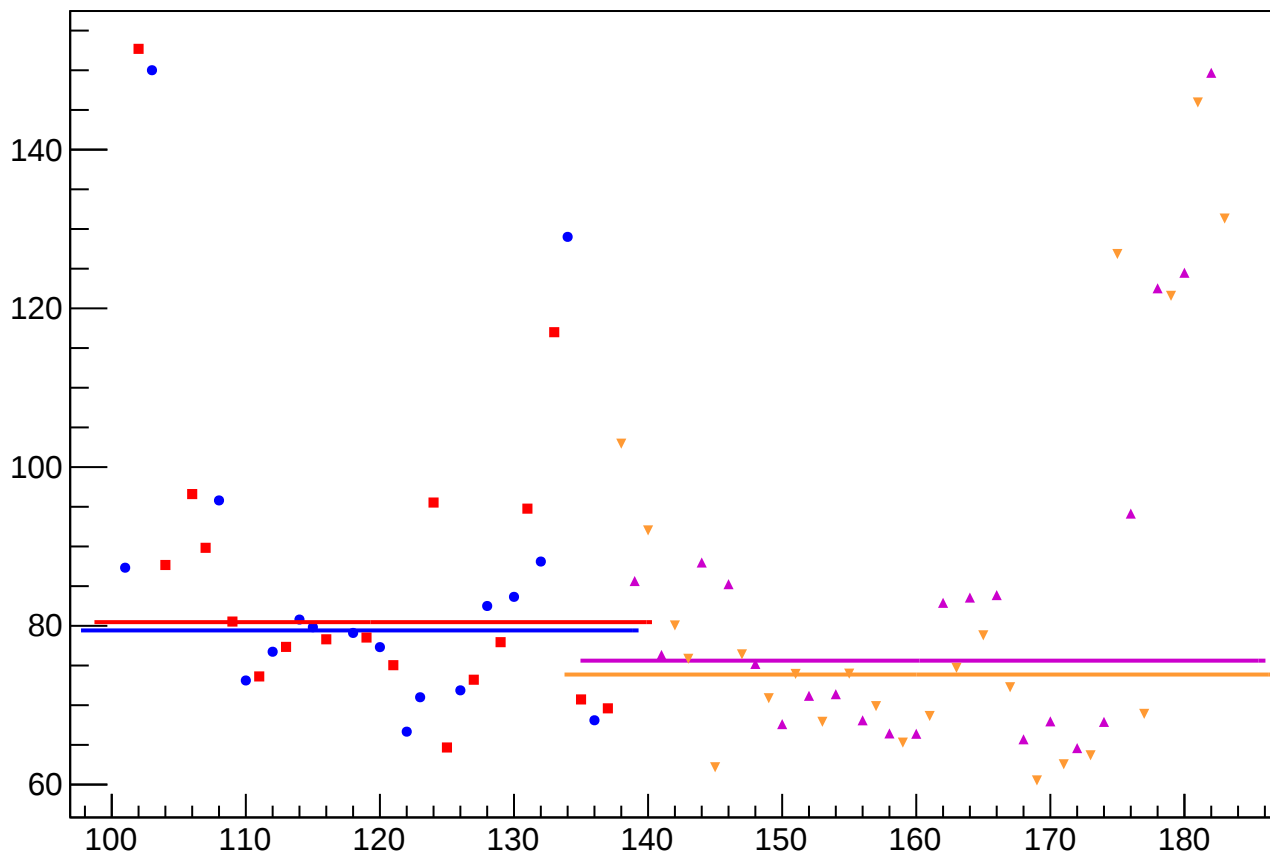
Right: 45.897 ± 22.256 $\chi^2/\text{NDF}: 37.8/34$

In: 56.426 ± 16.133 $\chi^2/\text{NDF}: 47.1/38$

Out: 43.230 ± 15.592 $\chi^2/\text{NDF}: 36.2/41$

All: 49.603 ± 11.212 $\chi^2/\text{NDF}: 83.6/80$

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.863 $\pm$ 0.013 χ^2 /NDF: 1571395.3/23

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 75.612 $\pm$ 0.013 χ^2 /NDF: 1223903.9/21

Left: 74.697 $\pm$ 0.009 χ^2 /NDF: 2804364.9/45

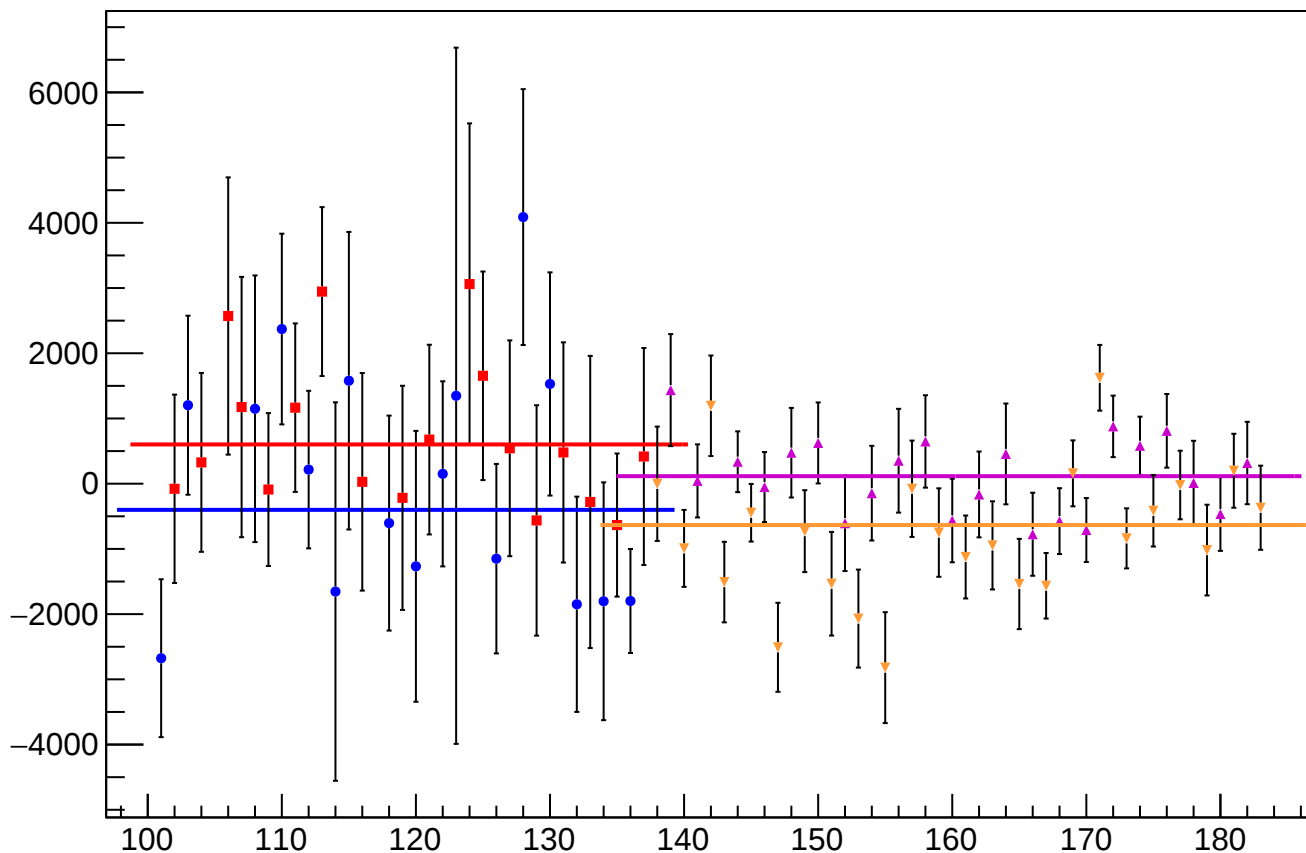
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.614 $\pm$ 0.011 χ^2 /NDF: 1684560.6/38

Out: 75.482 $\pm$ 0.011 χ^2 /NDF: 2092143.4/41

All: 76.028 $\pm$ 0.008 χ^2 /NDF: 3781798.3/80

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -633.902 $\pm$ 124.197 χ^2 /NDF:61.2/23

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 115.332 $\pm$ 126.699 χ^2 /NDF:20.0/21

Left: -266.756 $\pm$ 88.692 χ^2 /NDF: 99.0/45

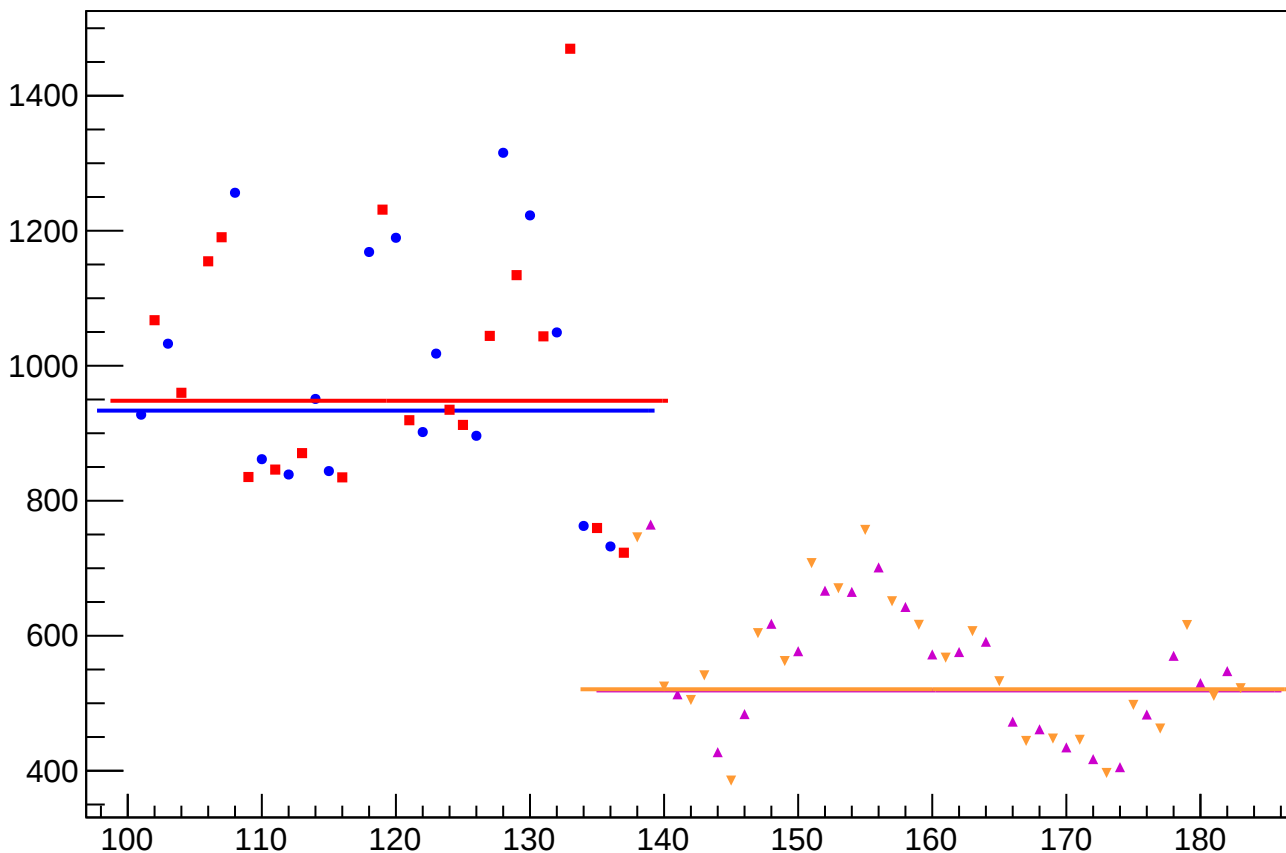
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 60.736 $\pm$ 119.814 χ^2 /NDF:43.6/38

Out: -504.825 $\pm$ 117.532 χ^2 /NDF:80.3/41

All: -227.482 $\pm$ 83.903 χ^2 /NDF: 135.3/80

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: 520.718 $\pm$ 0.088 χ^2 /NDF:1194322.8/23

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 519.026 $\pm$ 0.090 χ^2 /NDF:1026151.7/21

Left: 519.889 $\pm$ 0.063 χ^2 /NDF: 2220656.3/45

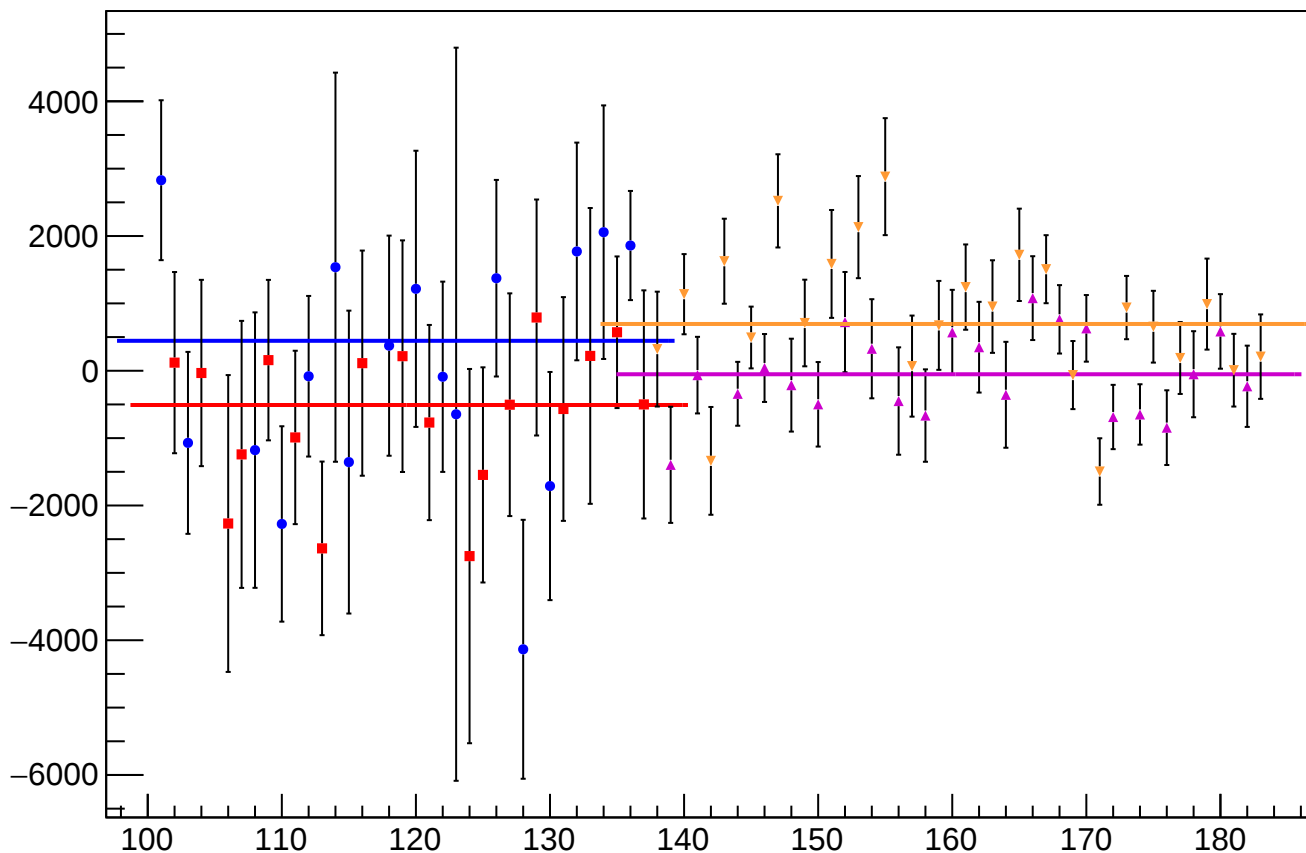
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 562.851 $\pm$ 0.085 χ^2 /NDF:3731712.5/38

Out: 565.360 $\pm$ 0.083 χ^2 /NDF:4073522.5/41

All: 564.130 $\pm$ 0.059 χ^2 /NDF: 7805682.3/80

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 694.505+/-124.355 χ^2/NDF :59.7/23

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -51.907+/-126.197 χ^2/NDF :22.0/21

Left: 326.784+/-88.576 χ^2/NDF : 99.5/45

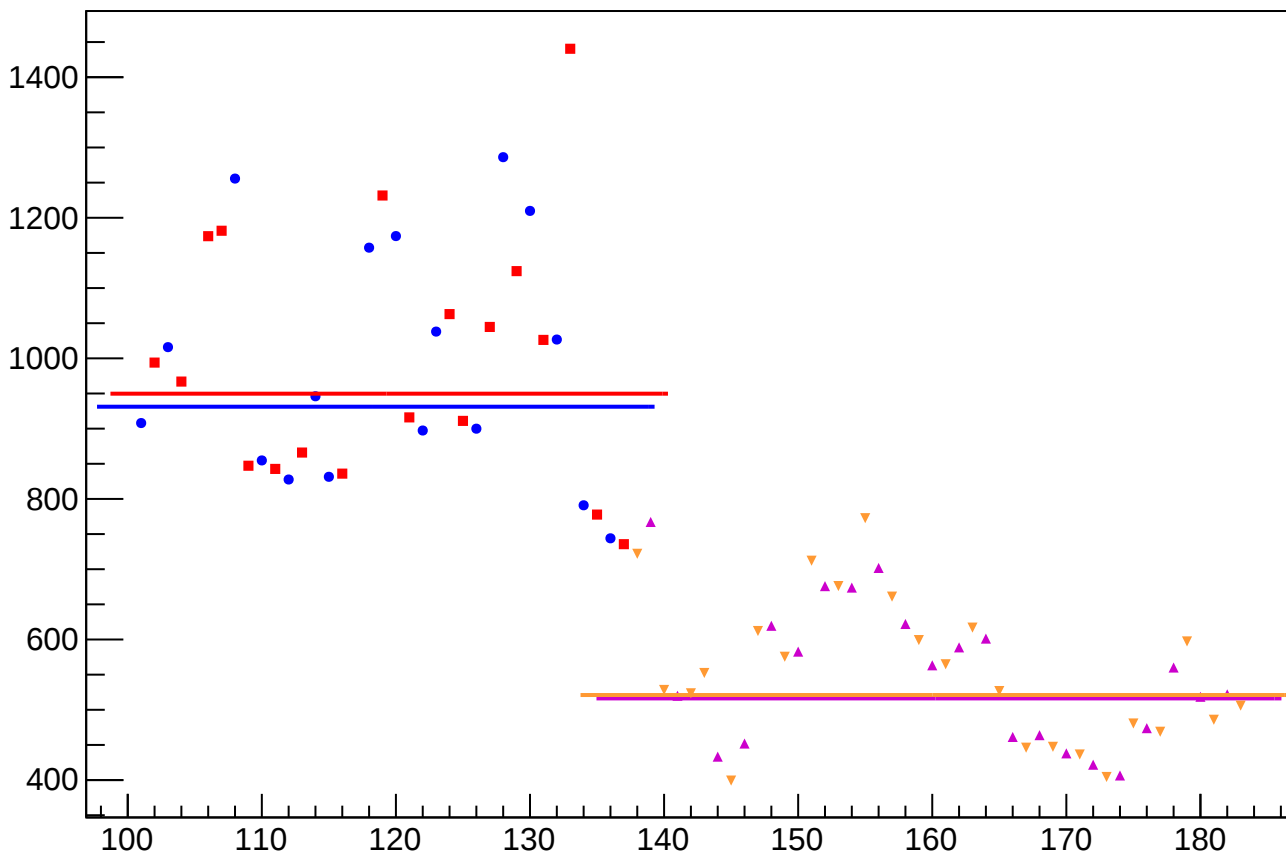
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 0.574+/-119.342 χ^2/NDF :46.6/38

Out: 568.869+/-117.681 χ^2/NDF :76.7/41

All: 288.703+/-83.794 χ^2/NDF : 134.8/80

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.015 $\pm$ 0.088 χ^2 /NDF: 1152579.9/23

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 516.181 $\pm$ 0.089 χ^2 /NDF: 1034682.1/21

Left: 518.634 $\pm$ 0.063 χ^2 /NDF: 2188750.8/45

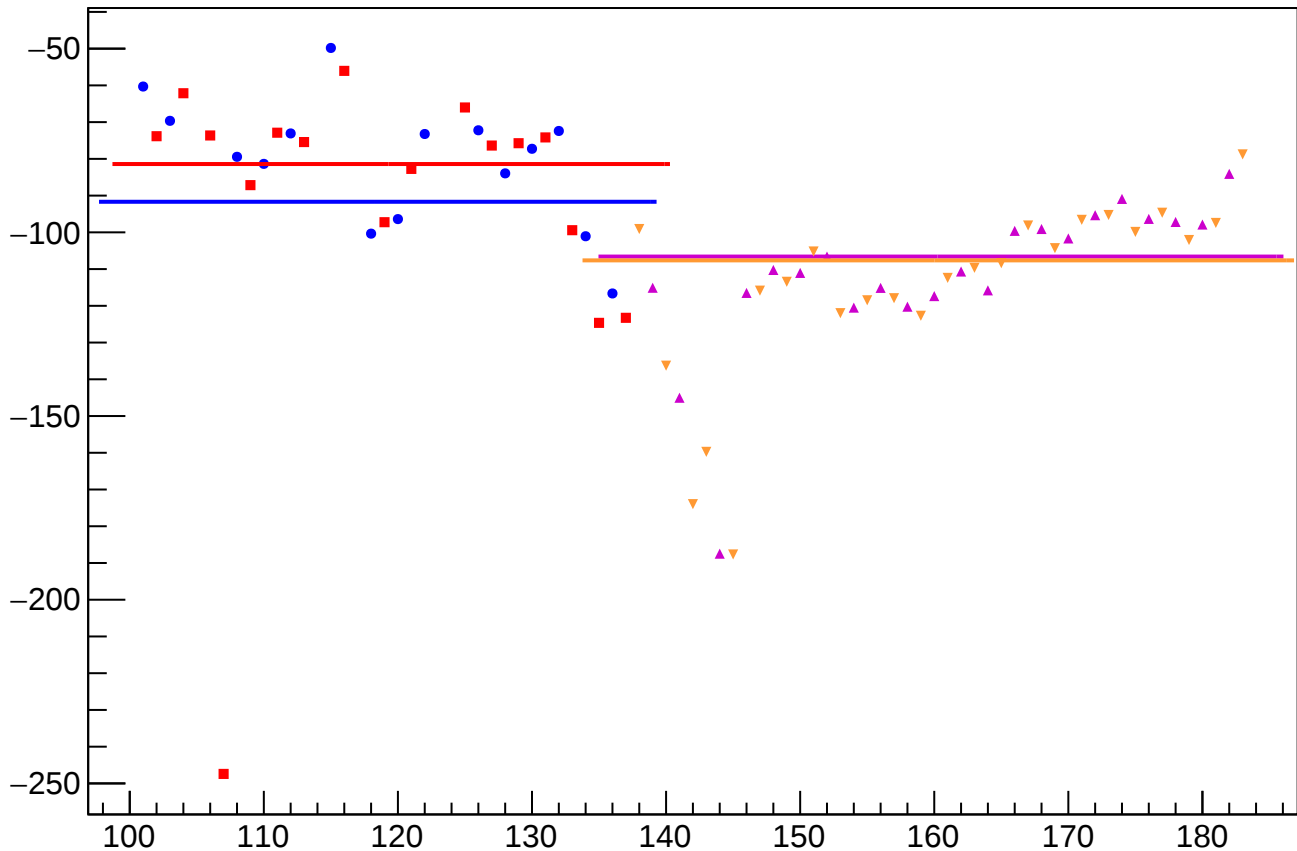
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 560.044 $\pm$ 0.084 χ^2 /NDF: 3721020.6/38

Out: 565.799 $\pm$ 0.083 χ^2 /NDF: 4001283.7/41

All: 562.962 $\pm$ 0.059 χ^2 /NDF: 7724662.9/80

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -107.631 ± 0.051 χ^2/NDF : 78570.5/23

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -106.594 ± 0.047 χ^2/NDF : 115215.7/21

Left: -107.068 ± 0.034 χ^2/NDF : 194013.2/45

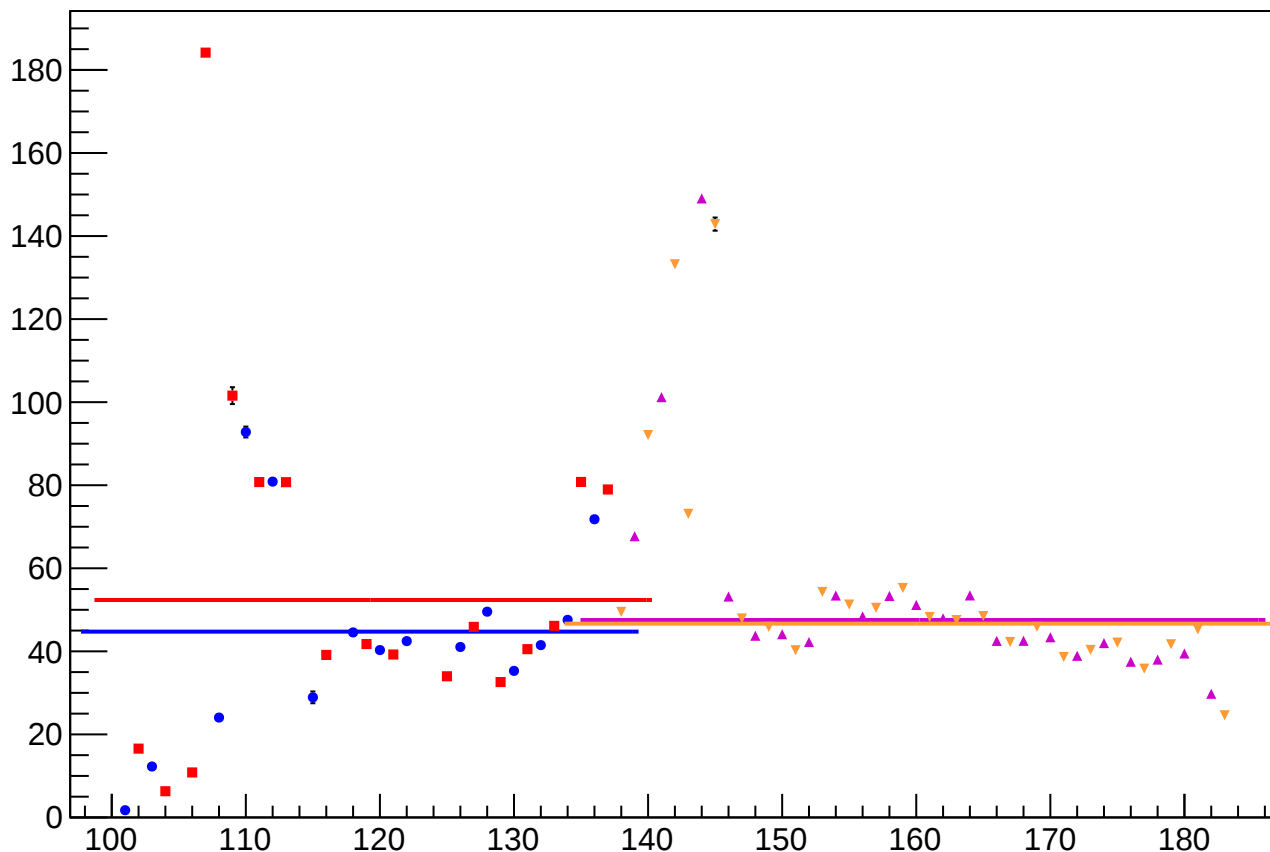
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.029 ± 0.039 χ^2/NDF : 211220.6/36

Out: -102.127 ± 0.045 χ^2/NDF : 176324.8/40

All: -102.071 ± 0.029 χ^2/NDF : 387548.1/77

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 46.668 $\pm$ 0.043 χ^2/NDF : 71029.9/23

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 47.542 $\pm$ 0.041 χ^2/NDF : 149158.6/21

Left: 47.126 $\pm$ 0.030 χ^2/NDF : 220407.2/45

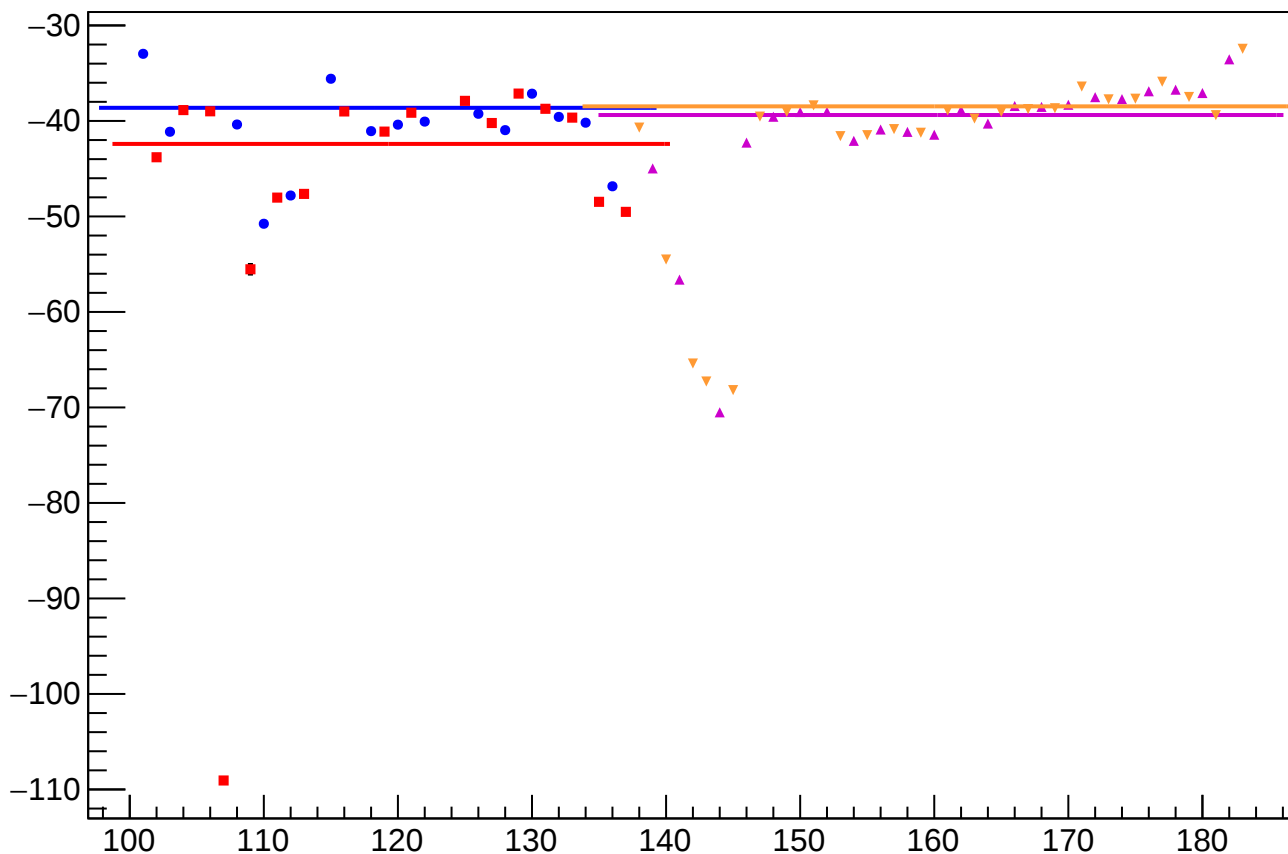
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 46.670 $\pm$ 0.034 χ^2/NDF : 235323.8/36

Out: 47.387 $\pm$ 0.040 χ^2/NDF : 142554.8/40

All: 46.969 $\pm$ 0.026 χ^2/NDF : 378066.2/77

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -38.473 ± 0.006 $\chi^2/\text{NDF}: 494789.2/23$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -39.379 ± 0.007 $\chi^2/\text{NDF}: 221956.9/21$

Left: -38.851 ± 0.005 $\chi^2/\text{NDF}: 726562.5/45$

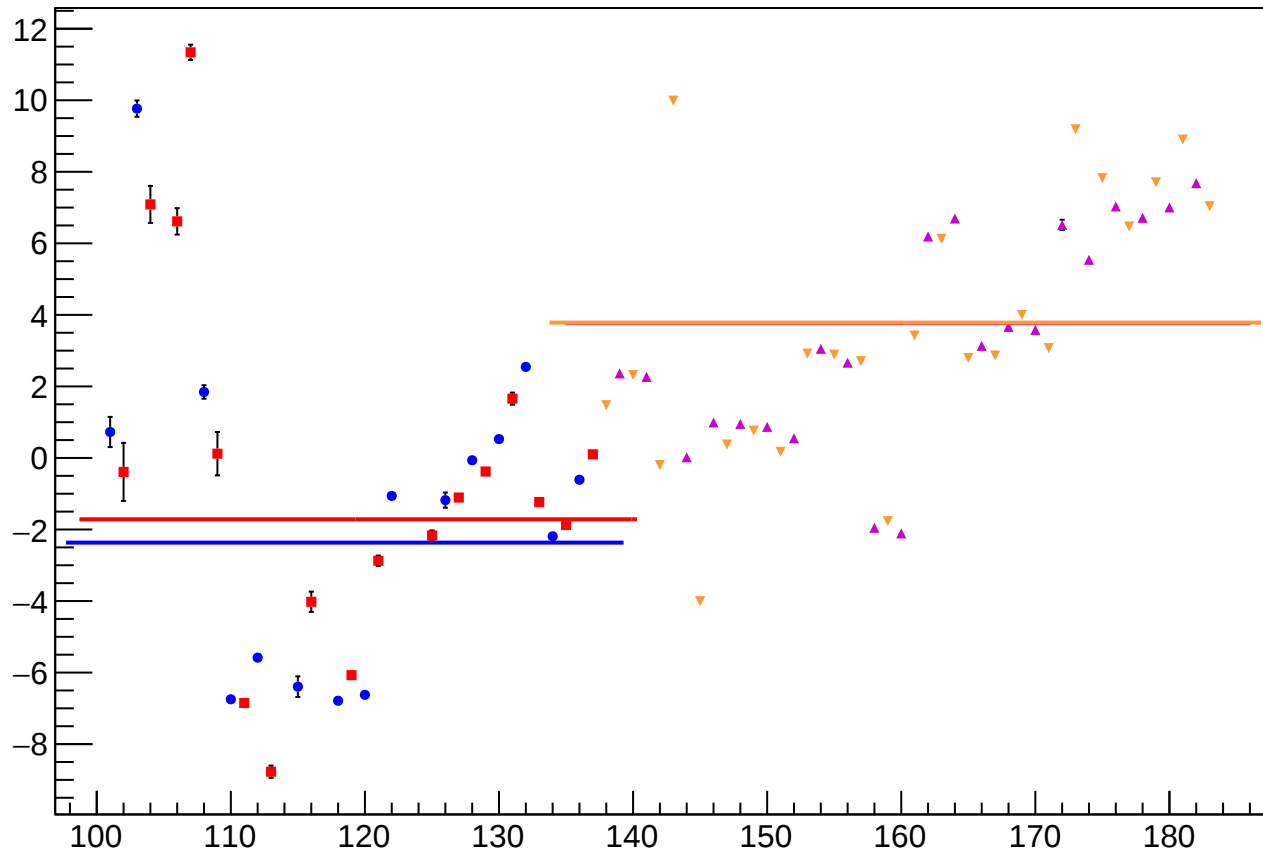
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.065 ± 0.005 $\chi^2/\text{NDF}: 466918.7/36$

Out: -38.754 ± 0.006 $\chi^2/\text{NDF}: 795628.7/40$

All: -38.920 ± 0.004 $\chi^2/\text{NDF}: 1264138.6/77$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.784 ± 0.007 χ^2/NDF : 202945.6/23

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.766 ± 0.006 χ^2/NDF : 226033.0/21

Left: 3.774 ± 0.005 χ^2/NDF : 428982.8/45

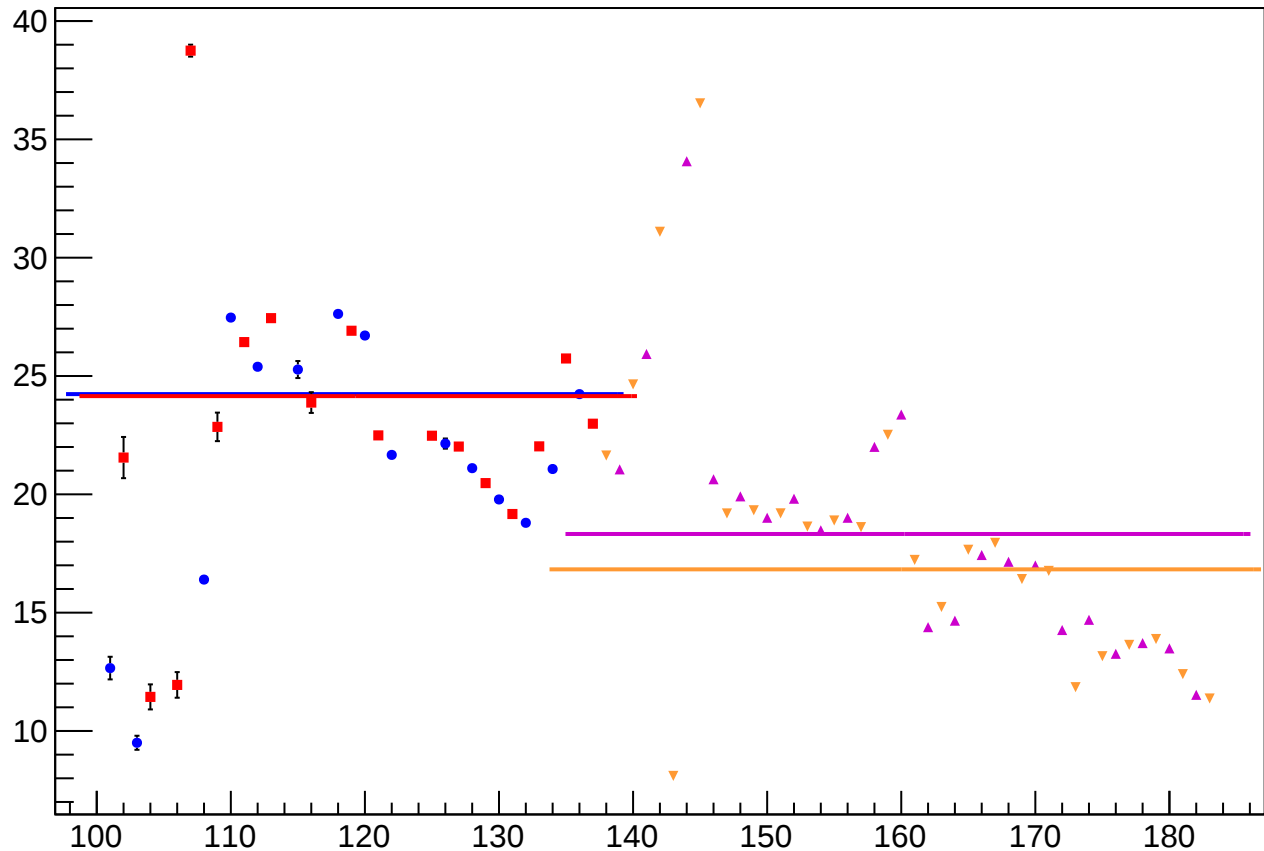
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.851 ± 0.005 χ^2/NDF : 416364.8/36

Out: 3.440 ± 0.007 χ^2/NDF : 254575.2/40

All: 3.082 ± 0.004 χ^2/NDF : 675555.7/77

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.830 $\pm$ 0.007 χ^2 /NDF:189279.2/23

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.324 $\pm$ 0.007 χ^2 /NDF:231370.7/21

Left: 17.574 $\pm$ 0.005 χ^2 /NDF: 442522.3/45

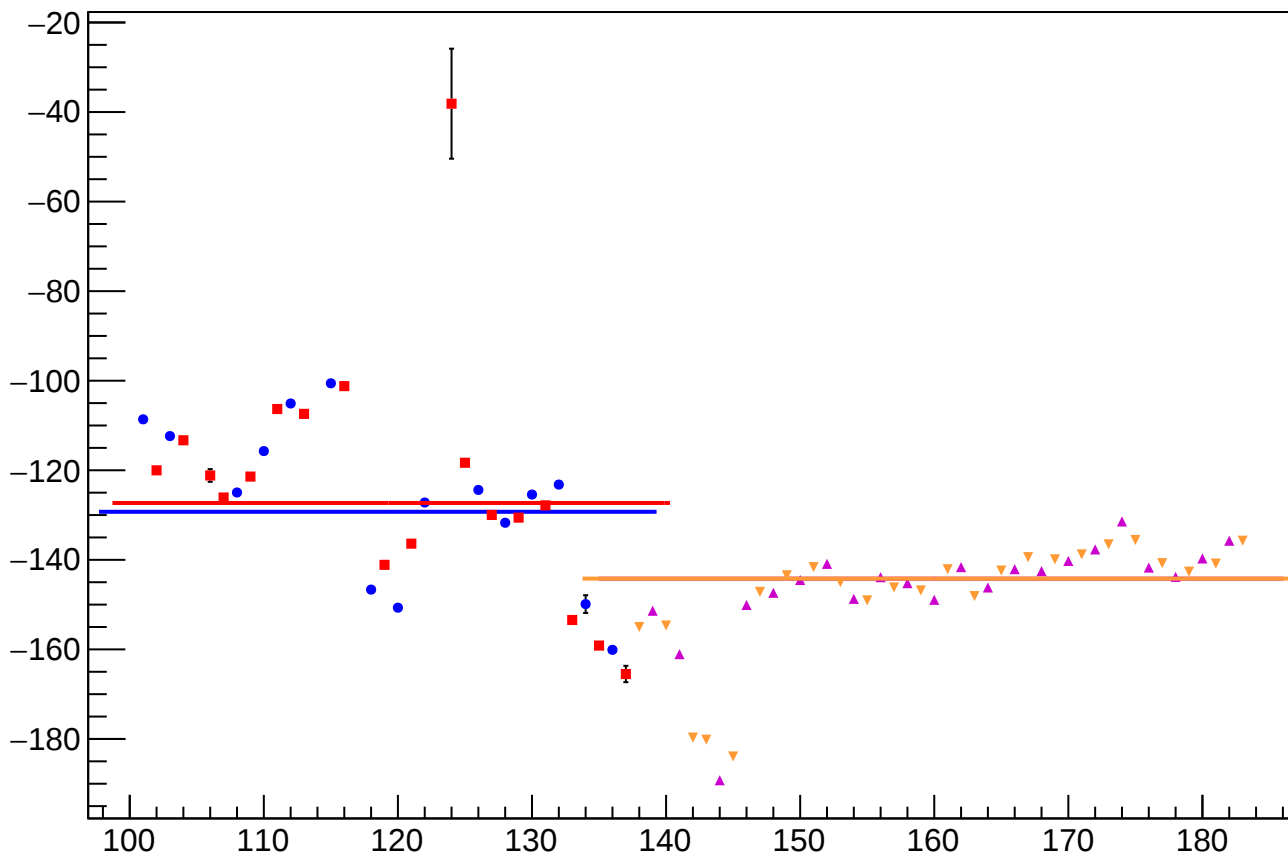
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.890 $\pm$ 0.007 χ^2 /NDF:318415.7/36

Out: 17.407 $\pm$ 0.007 χ^2 /NDF:285608.5/40

All: 18.152 $\pm$ 0.005 χ^2 /NDF: 627613.8/77

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -144.193 $\pm$ 0.042 χ^2 /NDF: 43581.8/23

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -144.204 $\pm$ 0.045 χ^2 /NDF: 34648.4/21

Left: -144.198 $\pm$ 0.031 χ^2 /NDF: 78230.2/45

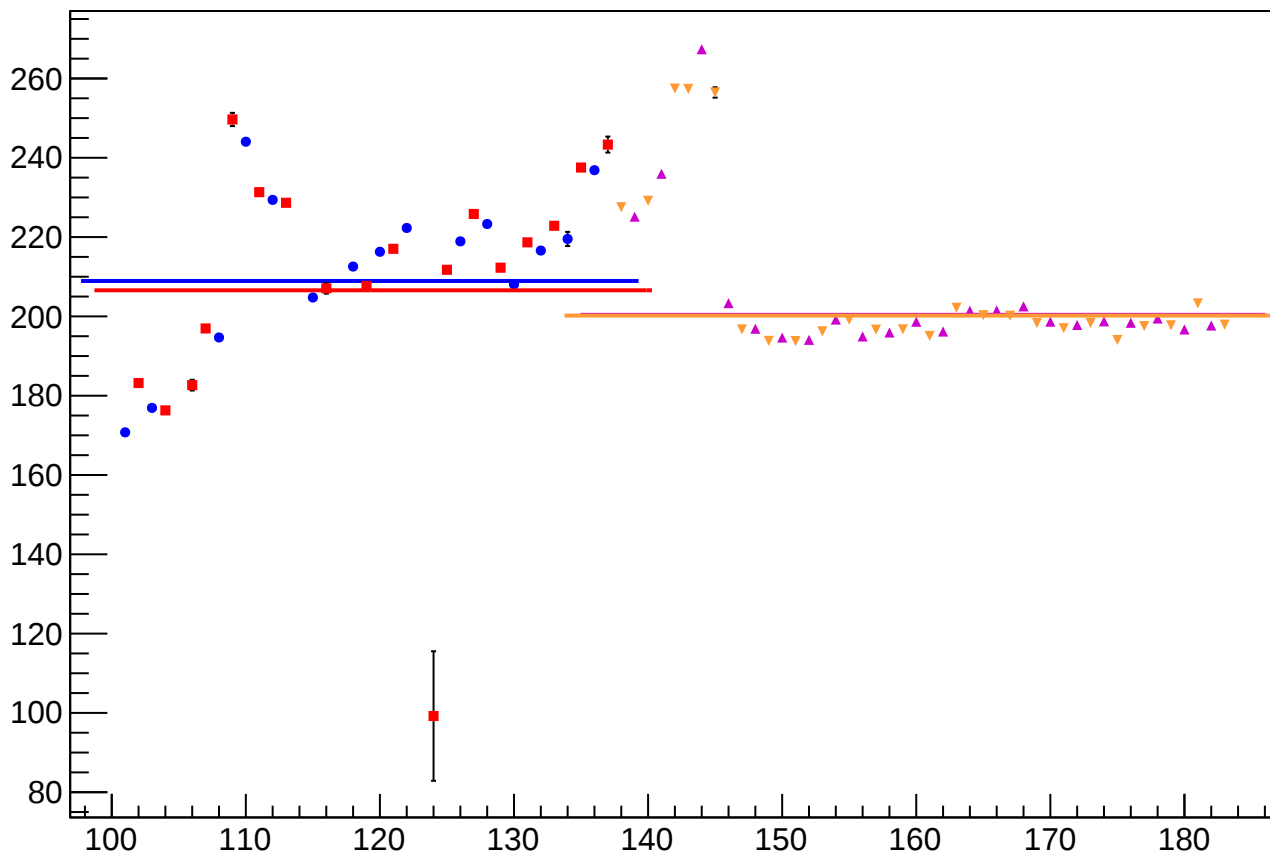
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.082 $\pm$ 0.040 χ^2 /NDF: 92648.1/36

Out: -140.858 $\pm$ 0.037 χ^2 /NDF: 105381.4/41

All: -140.962 $\pm$ 0.027 χ^2 /NDF: 198046.3/78

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 200.208 $\pm$ 0.035 χ^2/NDF : 109327.2/23

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 200.391 $\pm$ 0.039 χ^2/NDF : 77911.2/21

Left: 200.289 $\pm$ 0.026 χ^2/NDF : 187250.7/45

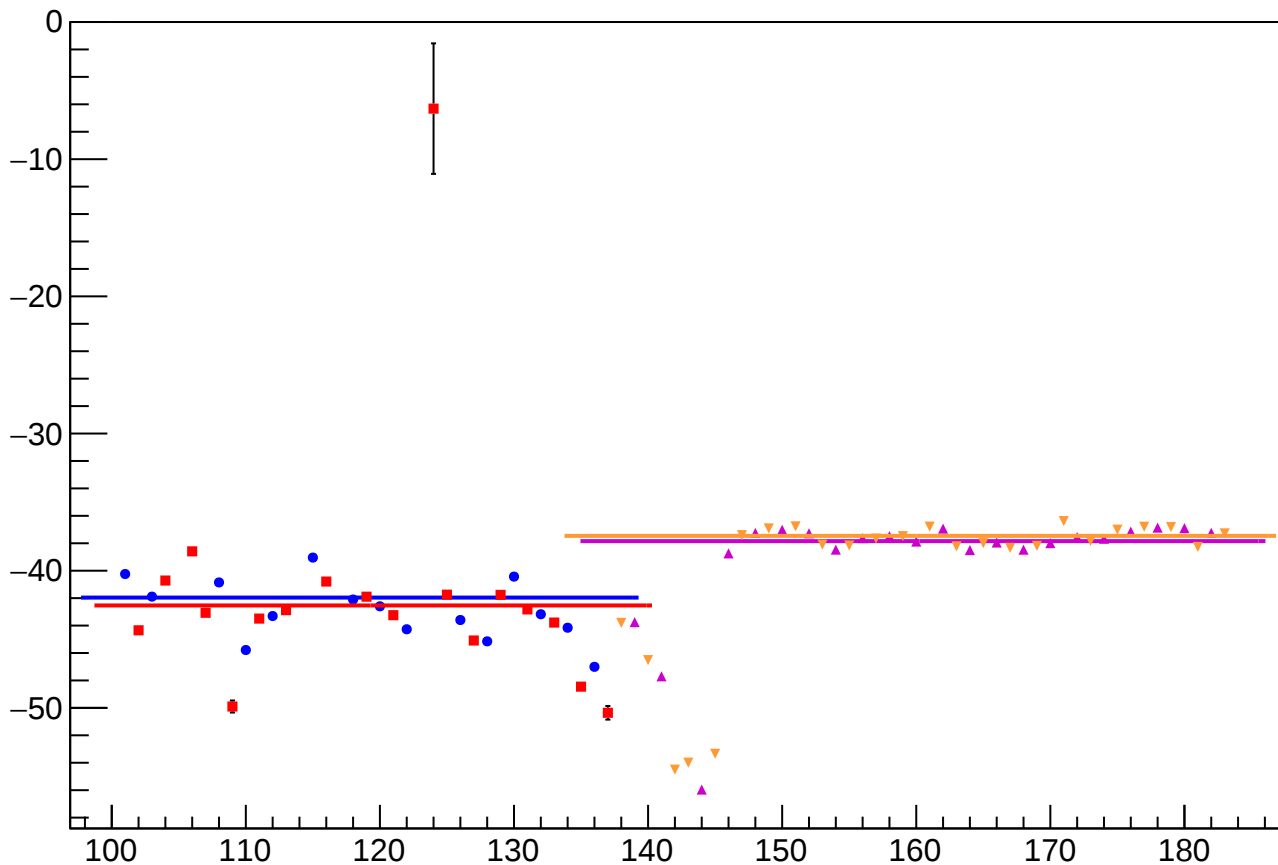
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 201.774 $\pm$ 0.036 χ^2/NDF : 130281.9/36

Out: 201.146 $\pm$ 0.032 χ^2/NDF : 162542.5/41

All: 201.424 $\pm$ 0.024 χ^2/NDF : 292995.2/78

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.460 $\pm$ 0.004 χ^2 /NDF: 231546.5/23

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.843 $\pm$ 0.004 χ^2 /NDF: 142763.4/21

Left: -37.626 $\pm$ 0.003 χ^2 /NDF: 378889.5/45

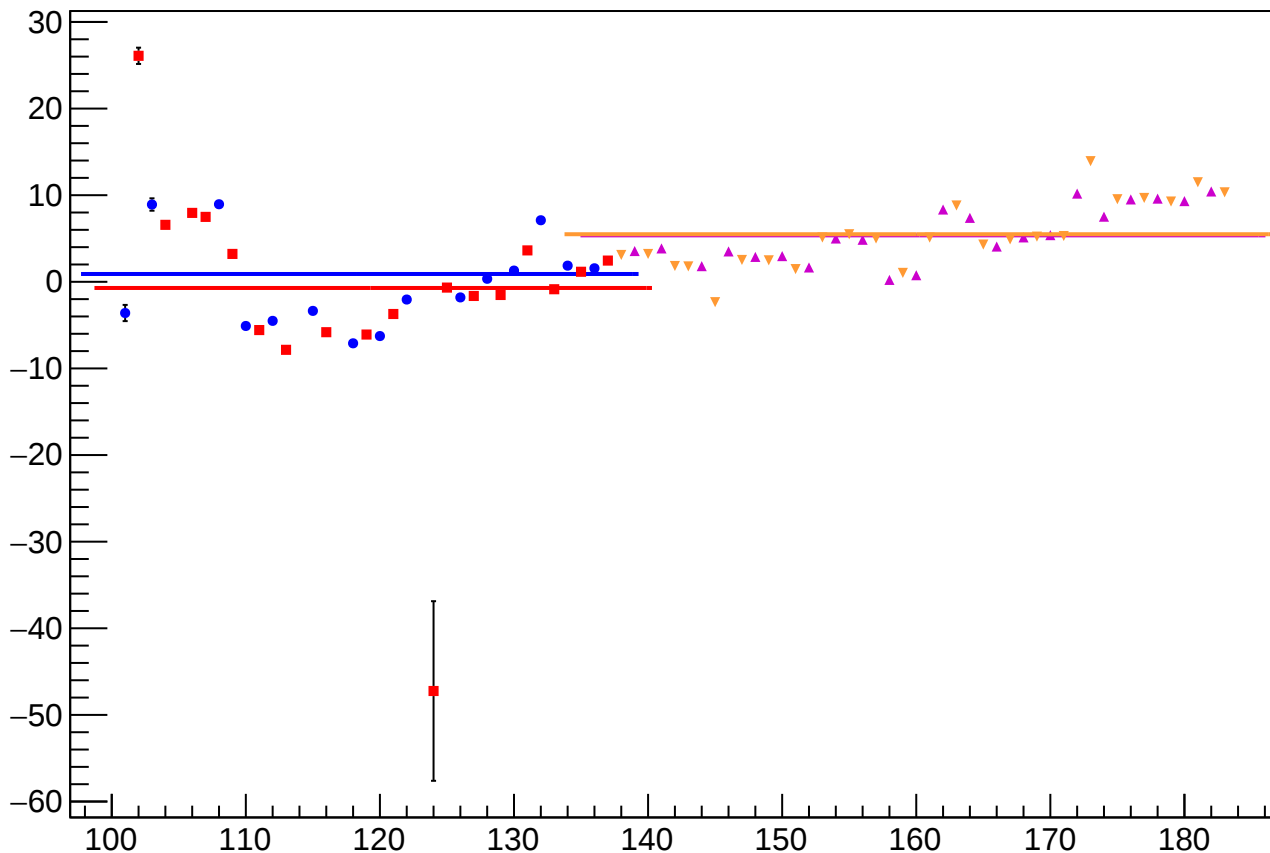
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.129 $\pm$ 0.004 χ^2 /NDF: 231739.7/36

Out: -37.620 $\pm$ 0.004 χ^2 /NDF: 296091.2/41

All: -37.846 $\pm$ 0.003 χ^2 /NDF: 536351.1/78

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 5.493 ± 0.006 χ^2/NDF : 295416.3/23

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 5.362 ± 0.007 χ^2/NDF : 204323.5/21

Left: 5.437 ± 0.004 χ^2/NDF : 499963.1/45

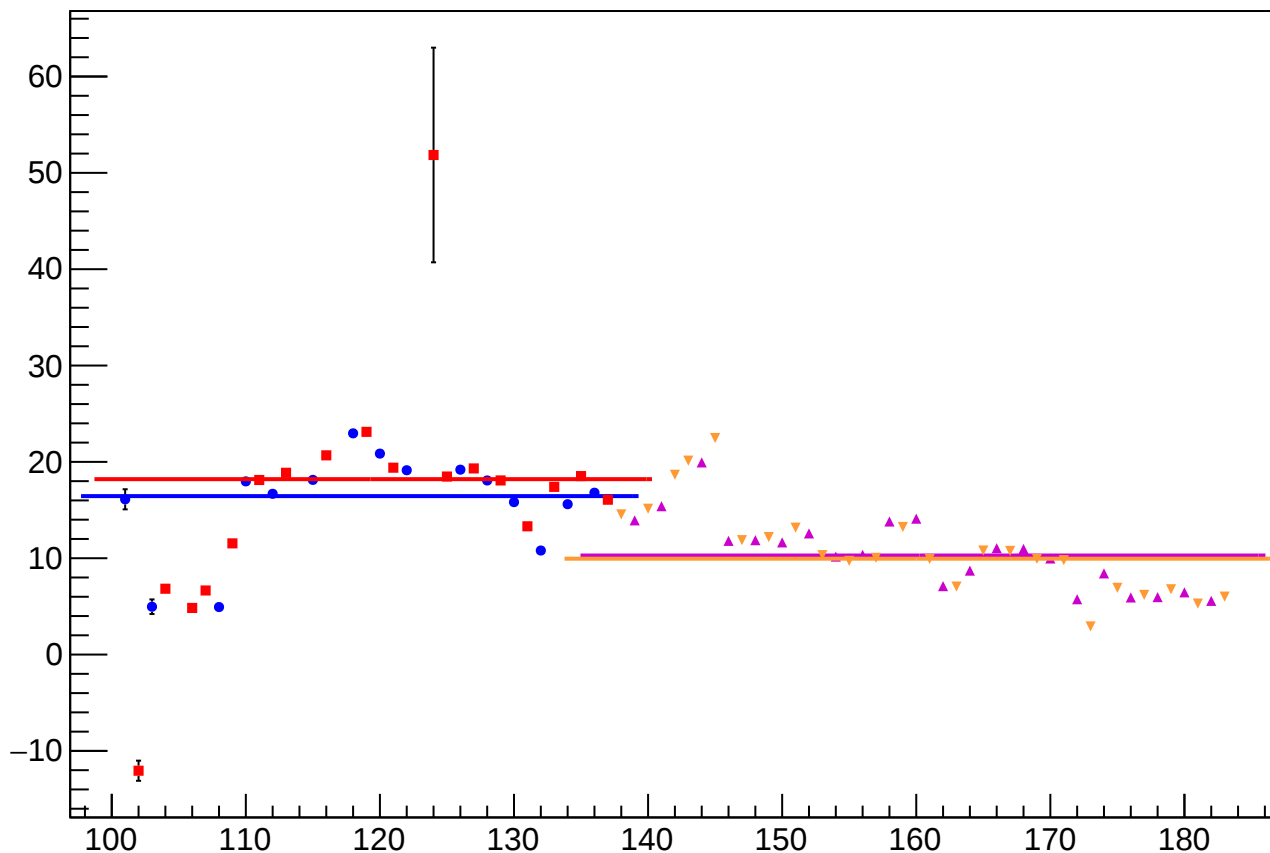
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.924 ± 0.006 χ^2/NDF : 270089.3/36

Out: 5.168 ± 0.006 χ^2/NDF : 387900.3/41

All: 5.061 ± 0.004 χ^2/NDF : 658835.7/78

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 9.954 ± 0.007 $\chi^2/\text{NDF}: 210293.1/23$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 10.281 ± 0.008 $\chi^2/\text{NDF}: 136056.9/21$

Left: 10.097 ± 0.005 $\chi^2/\text{NDF}: 347263.9/45$

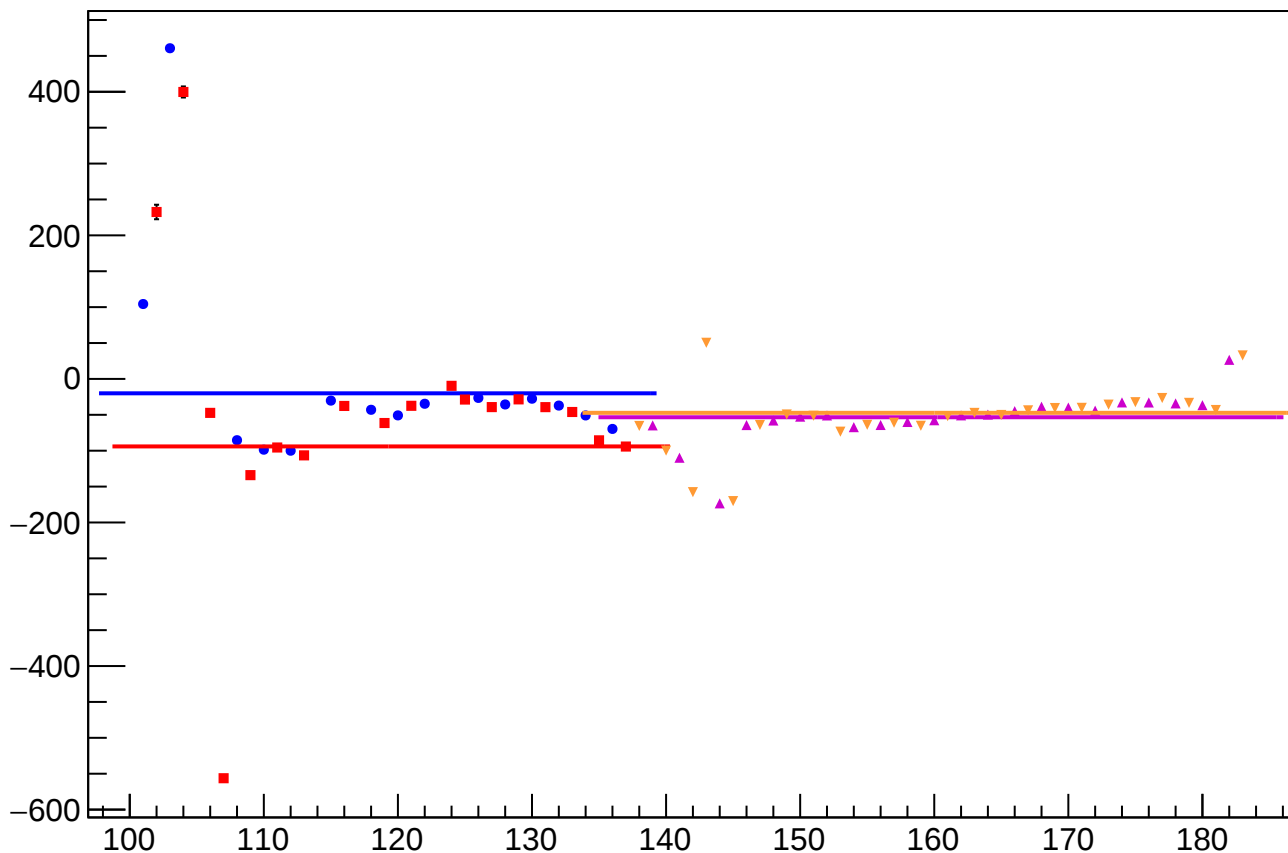
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 10.896 ± 0.008 $\chi^2/\text{NDF}: 207701.2/36$

Out: 10.857 ± 0.007 $\chi^2/\text{NDF}: 383104.1/41$

All: 10.874 ± 0.005 $\chi^2/\text{NDF}: 590819.7/78$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 χ^2/NDF : 441461.8/14

Left Out: -47.236 ± 0.089 χ^2/NDF : 90111.9/23

Right Out: -94.050 ± 0.012 χ^2/NDF : 87487.7/17

Left In: -53.399 ± 0.103 χ^2/NDF : 65526.4/21

Left: -49.842 ± 0.067 χ^2/NDF : 157685.9/45

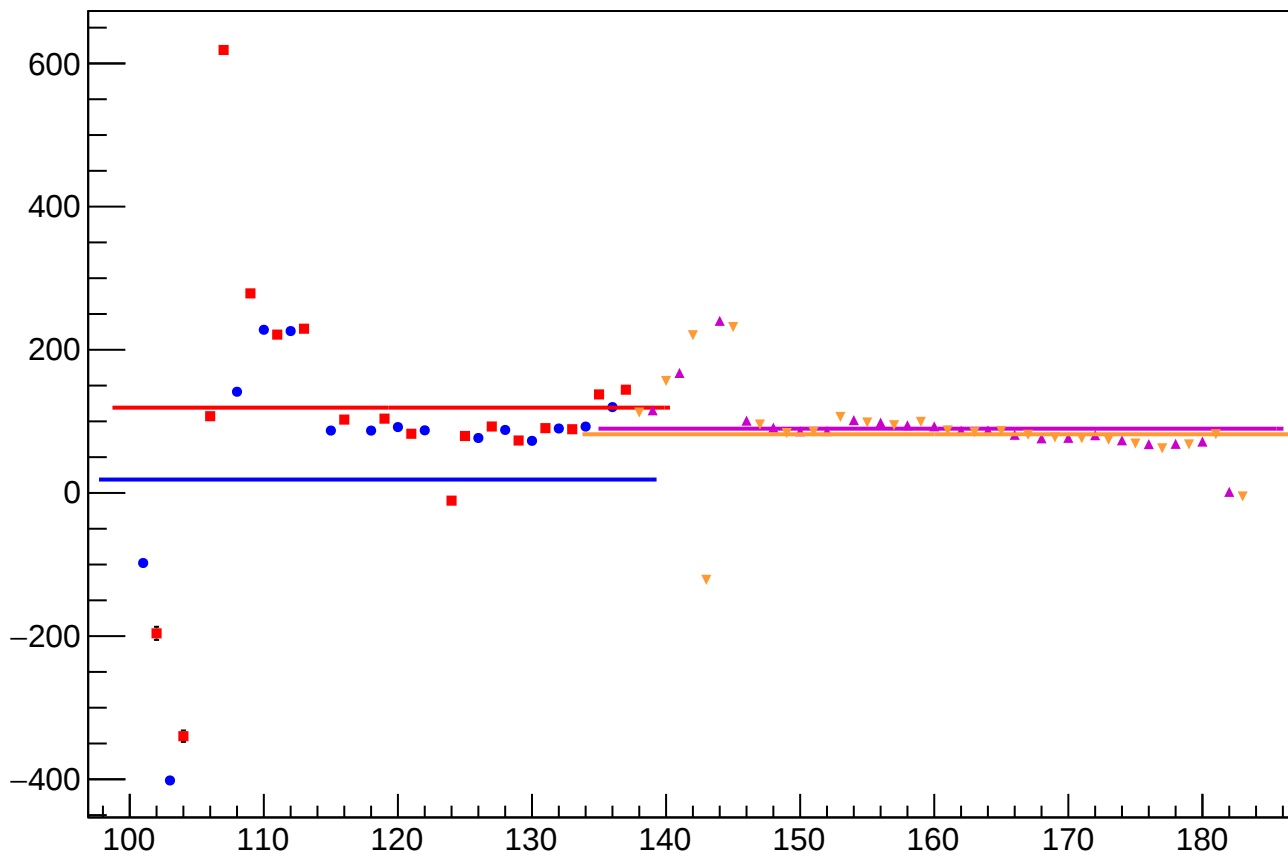
Right: -93.566 ± 0.012 χ^2/NDF : 760844.5/32

In: -42.949 ± 0.086 χ^2/NDF : 539527.9/36

Out: -93.146 ± 0.012 χ^2/NDF : 451472.5/41

All: -92.131 ± 0.012 χ^2/NDF : 1326822.4/78

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.976 ± 0.078 $\chi^2/\text{NDF}: 219583.1/23$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 89.782 ± 0.090 $\chi^2/\text{NDF}: 88983.3/21$

Left: 85.333 ± 0.059 $\chi^2/\text{NDF}: 312837.7/45$

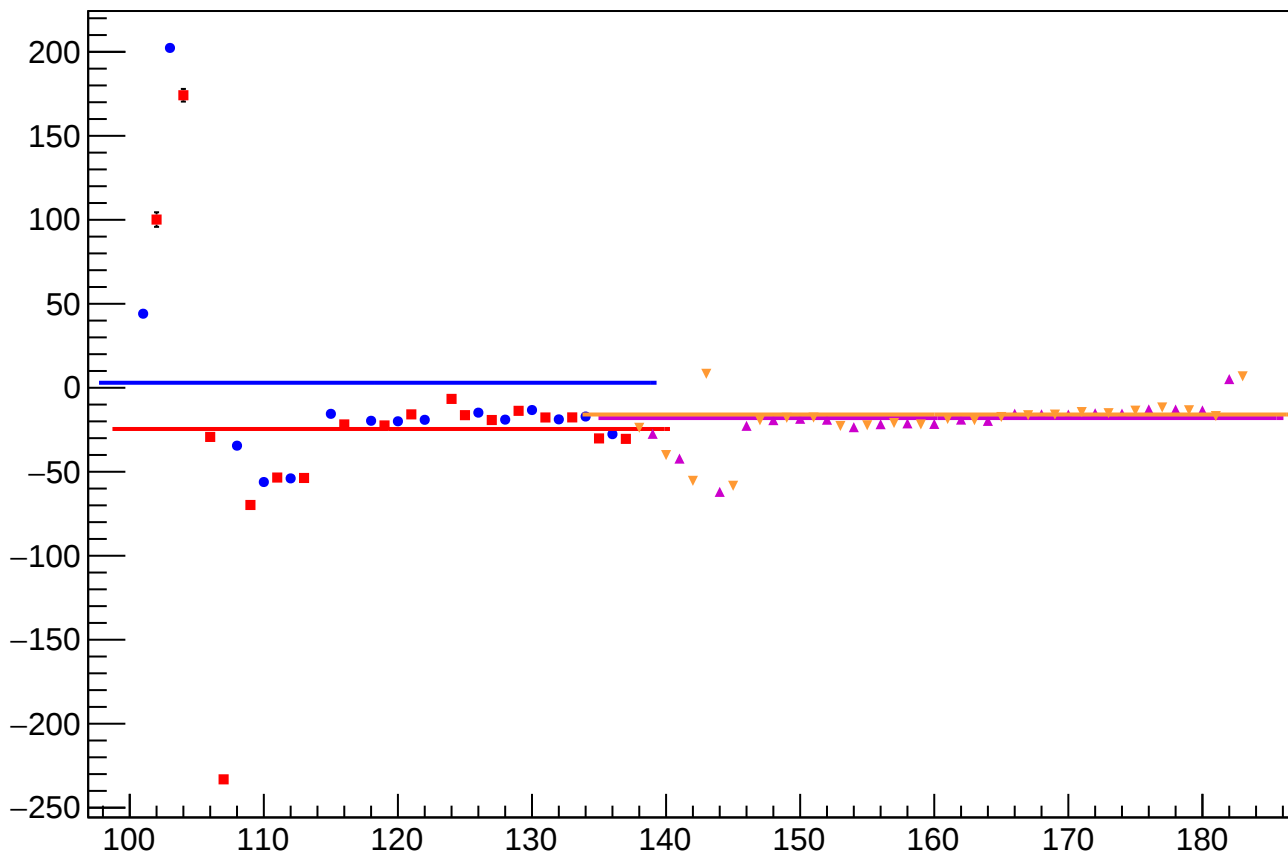
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 71.300 ± 0.078 $\chi^2/\text{NDF}: 1352286.5/36$

Out: 86.953 ± 0.073 $\chi^2/\text{NDF}: 337210.2/41$

All: 79.612 ± 0.053 $\chi^2/\text{NDF}: 1711124.9/78$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -15.912 ± 0.011 χ^2/NDF : 672177.5/23

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -18.032 ± 0.012 χ^2/NDF : 224020.6/21

Left: -16.835 ± 0.008 χ^2/NDF : 913216.0/45

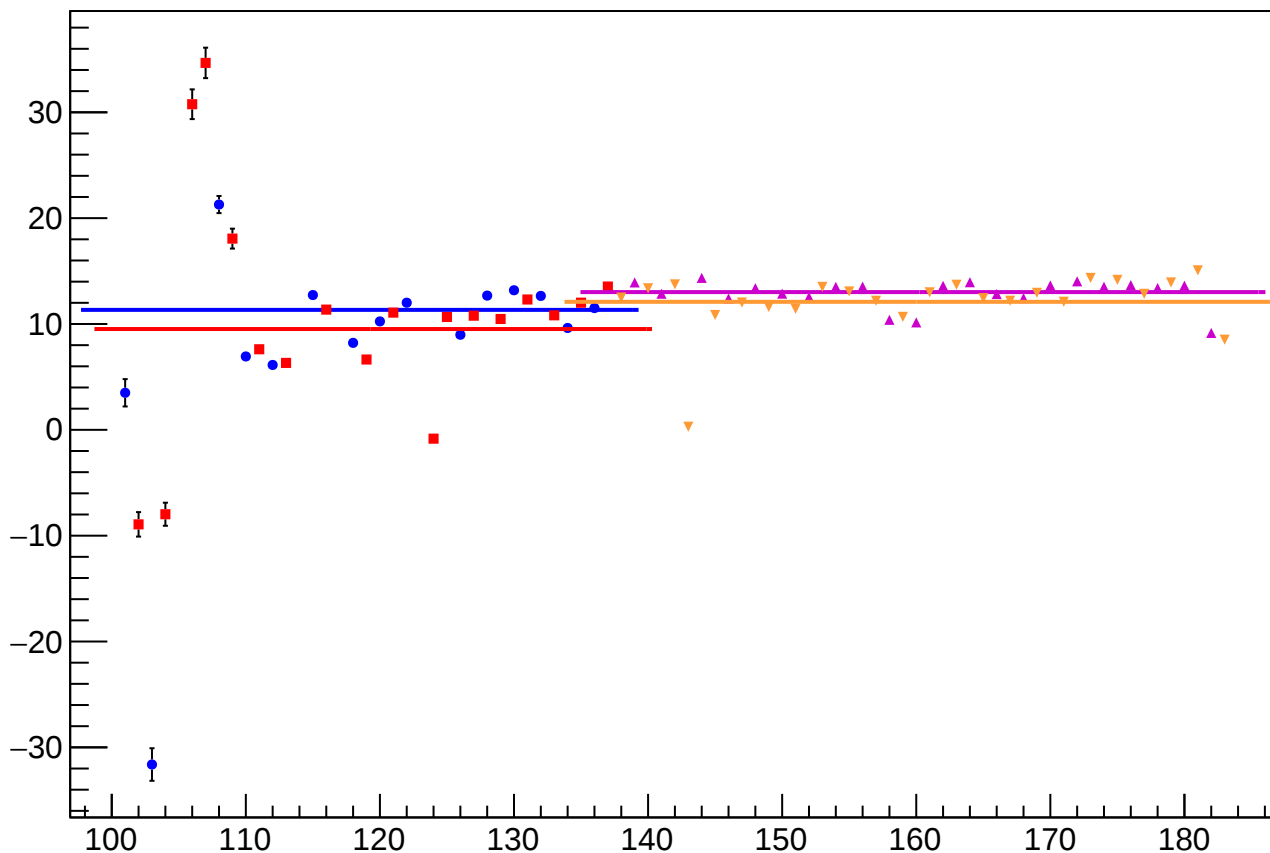
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.435 ± 0.011 χ^2/NDF : 4227586.4/36

Out: -16.403 ± 0.010 χ^2/NDF : 885490.7/41

All: -15.484 ± 0.008 χ^2/NDF : 5129754.5/78

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.095 $\pm$ 0.014 χ^2 /NDF:38884.4/23

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.014 $\pm$ 0.011 χ^2 /NDF:7990.5/21

Left: 12.638 $\pm$ 0.009 χ^2 /NDF: 49577.7/45

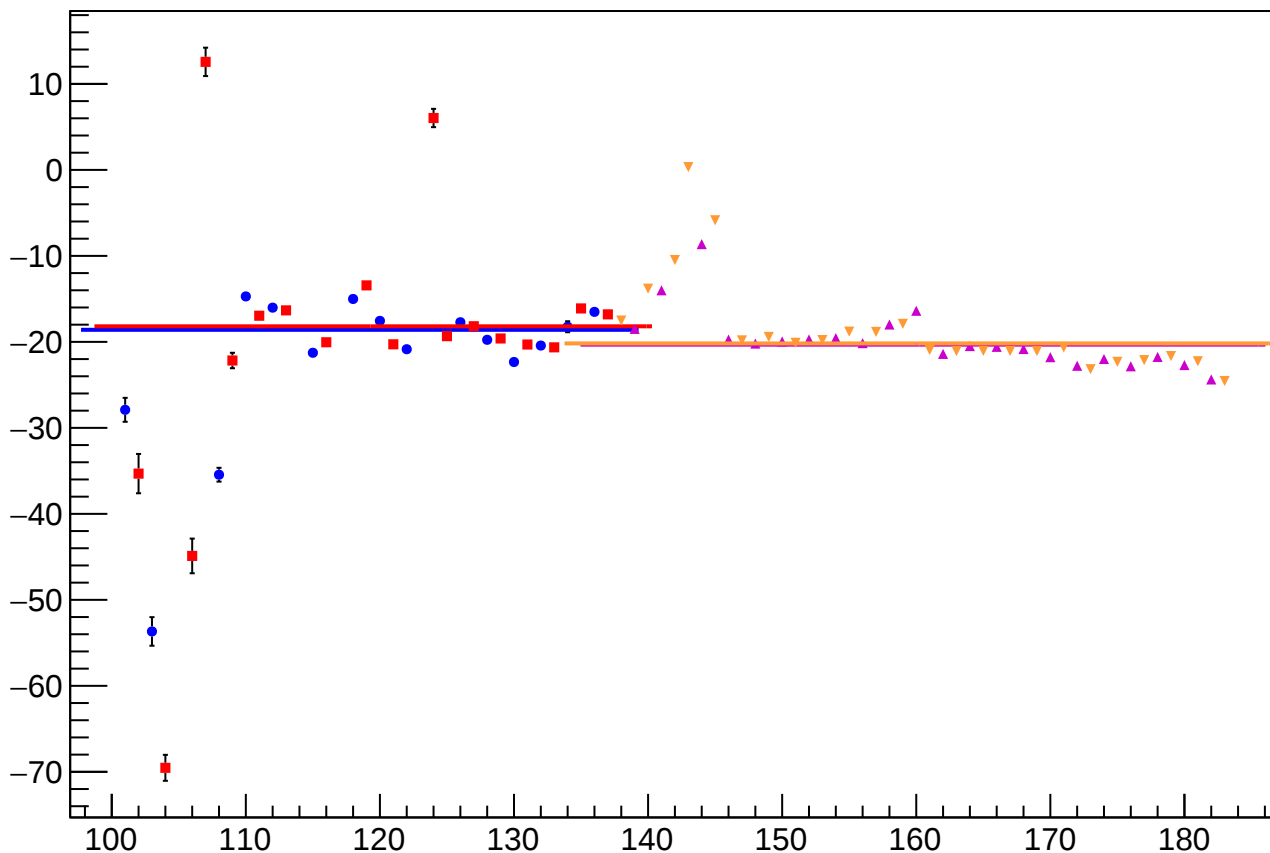
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.873 $\pm$ 0.011 χ^2 /NDF:12248.1/36

Out: 11.904 $\pm$ 0.013 χ^2 /NDF:45605.1/41

All: 12.480 $\pm$ 0.008 χ^2 /NDF: 61114.0/78

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -20.179 ± 0.014 $\chi^2/\text{NDF}: 74922.3/23$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.324 ± 0.015 $\chi^2/\text{NDF}: 19325.6/21$

Left: -20.248 ± 0.010 $\chi^2/\text{NDF}: 94295.2/45$

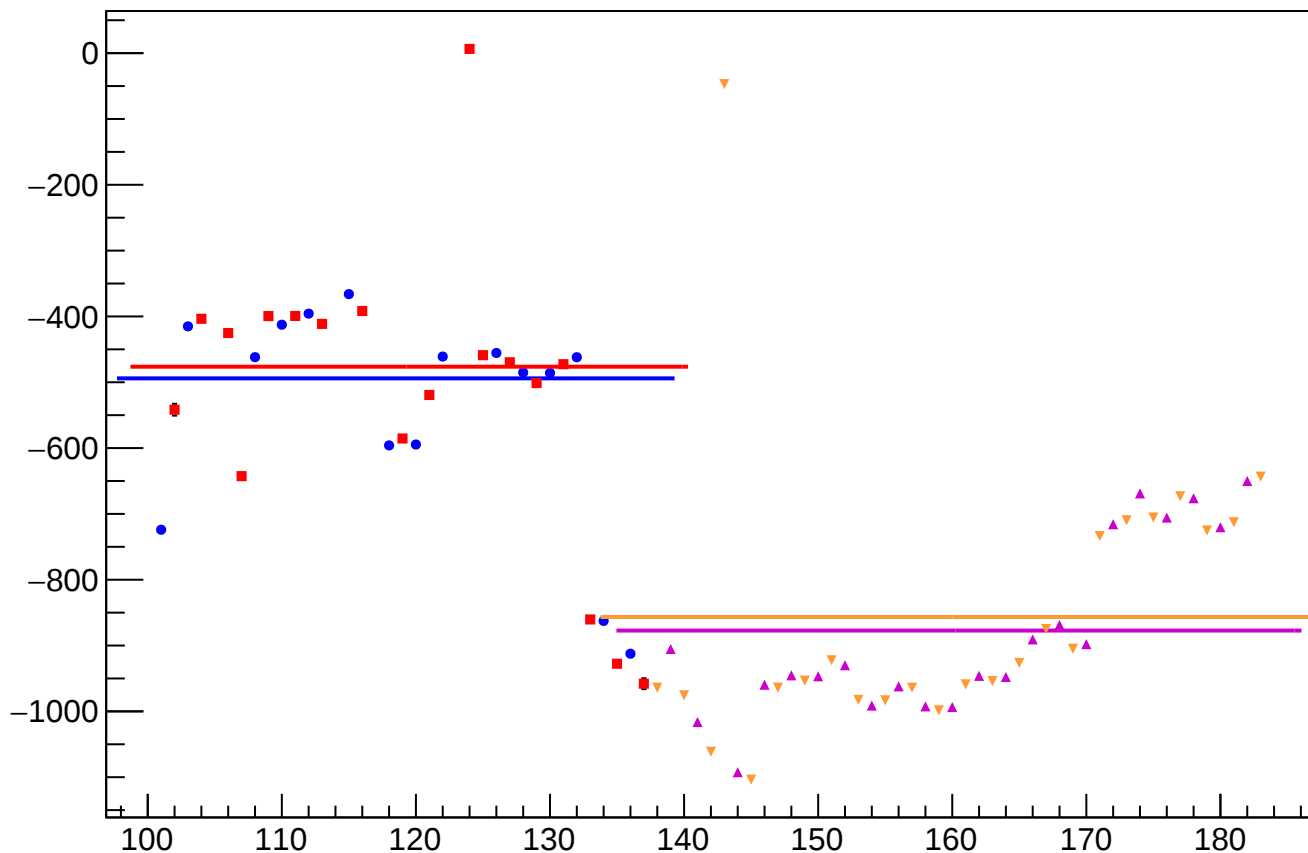
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -20.076 ± 0.014 $\chi^2/\text{NDF}: 27364.0/36$

Out: -20.023 ± 0.014 $\chi^2/\text{NDF}: 81295.4/41$

All: -20.049 ± 0.010 $\chi^2/\text{NDF}: 108666.7/78$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -856.625 ± 0.146 $\chi^2/\text{NDF}: 979738.8/23$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -877.228 ± 0.148 $\chi^2/\text{NDF}: 727582.6/21$

Left: -866.728 ± 0.104 $\chi^2/\text{NDF}: 1717149.5/45$

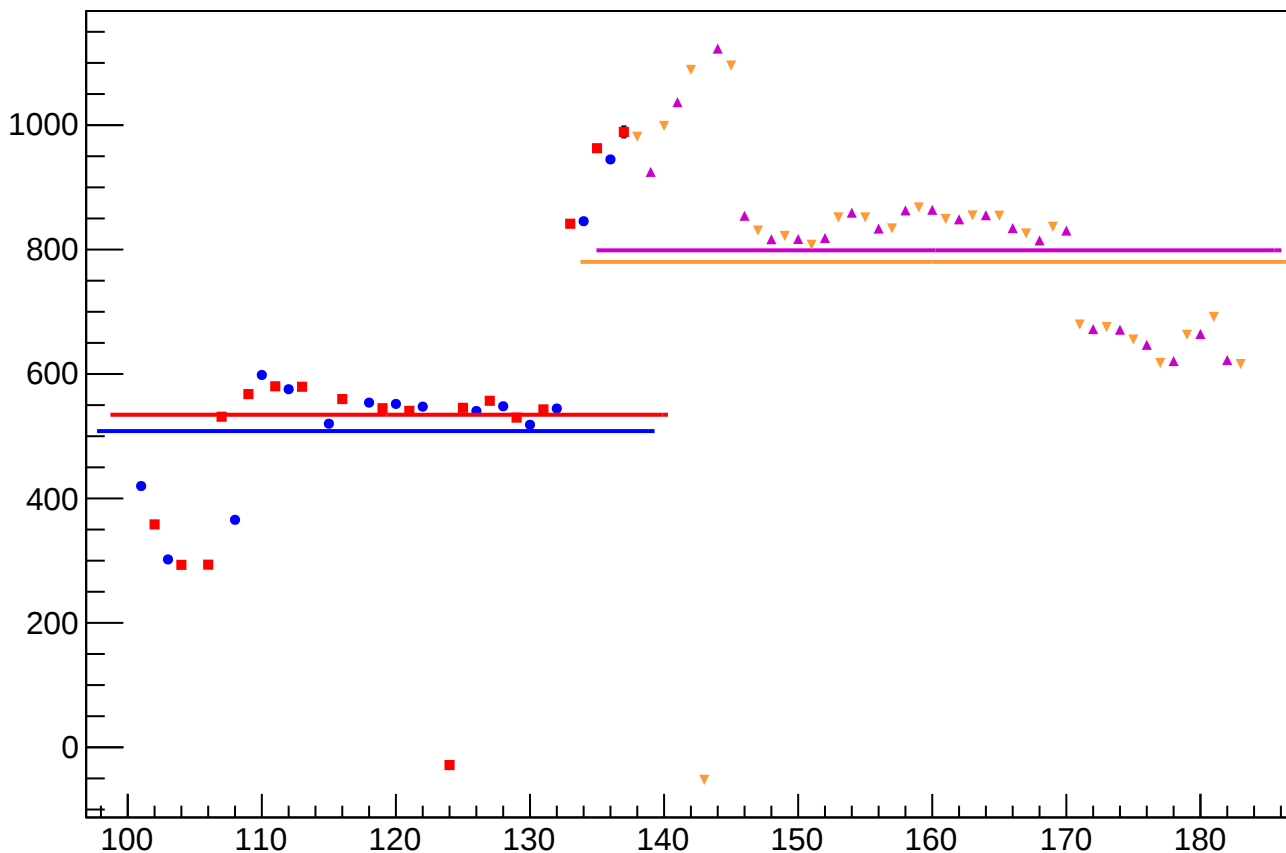
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -766.090 ± 0.125 $\chi^2/\text{NDF}: 2988241.8/36$

Out: -711.389 ± 0.114 $\chi^2/\text{NDF}: 4181802.6/41$

All: -736.324 ± 0.084 $\chi^2/\text{NDF}: 7274249.3/78$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 780.239 $\pm$ 0.120 χ^2 /NDF:913991.4/23

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 798.797 $\pm$ 0.124 χ^2 /NDF:607598.3/21

Left: 789.223 $\pm$ 0.086 χ^2 /NDF: 1533091.5/45

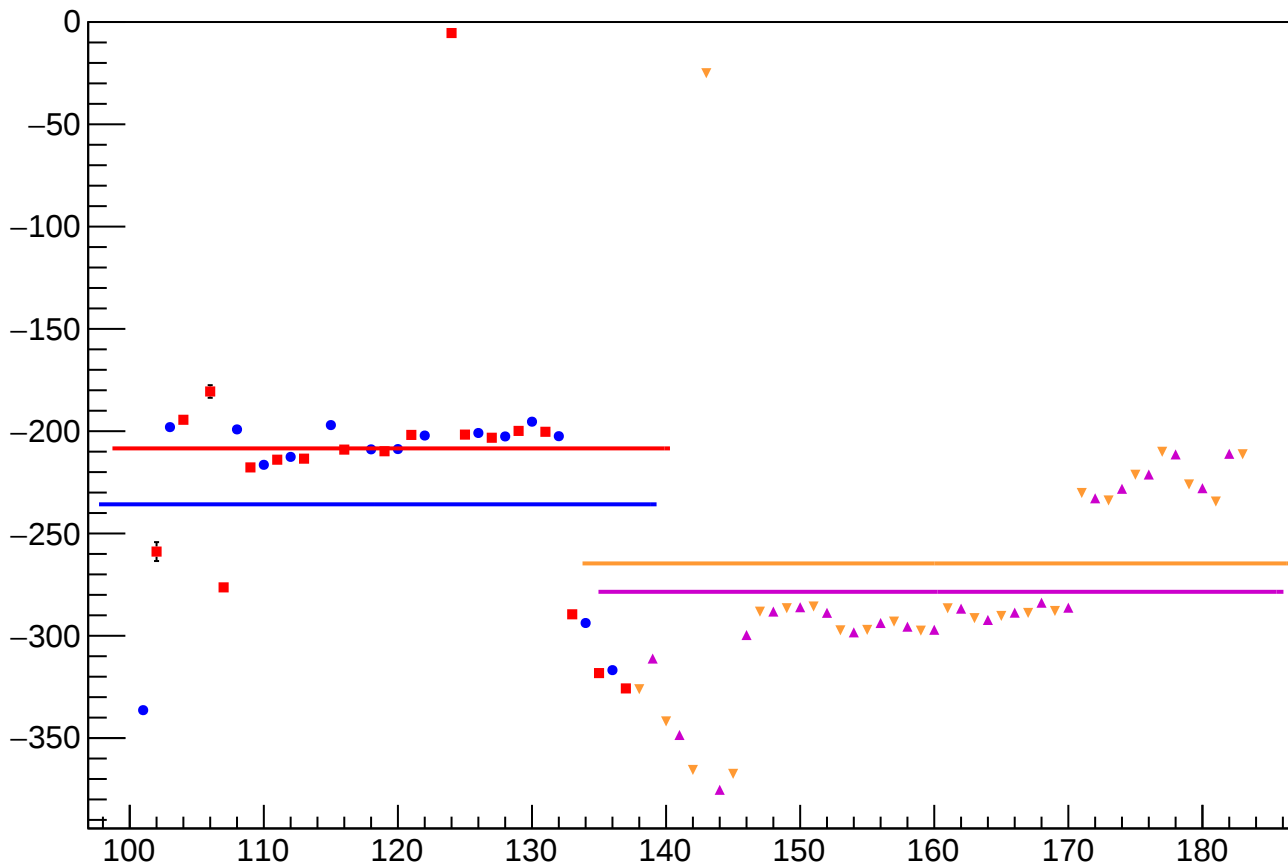
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 729.312 $\pm$ 0.108 χ^2 /NDF:2354037.8/36

Out: 722.480 $\pm$ 0.105 χ^2 /NDF:2261347.4/41

All: 725.797 $\pm$ 0.076 χ^2 /NDF: 4617429.3/78

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -264.637 ± 0.022 $\chi^2/\text{NDF}: 7445319.1/23$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -278.511 ± 0.022 $\chi^2/\text{NDF}: 2178245.5/21$

Left: -271.373 ± 0.016 $\chi^2/\text{NDF}: 9821313.5/45$

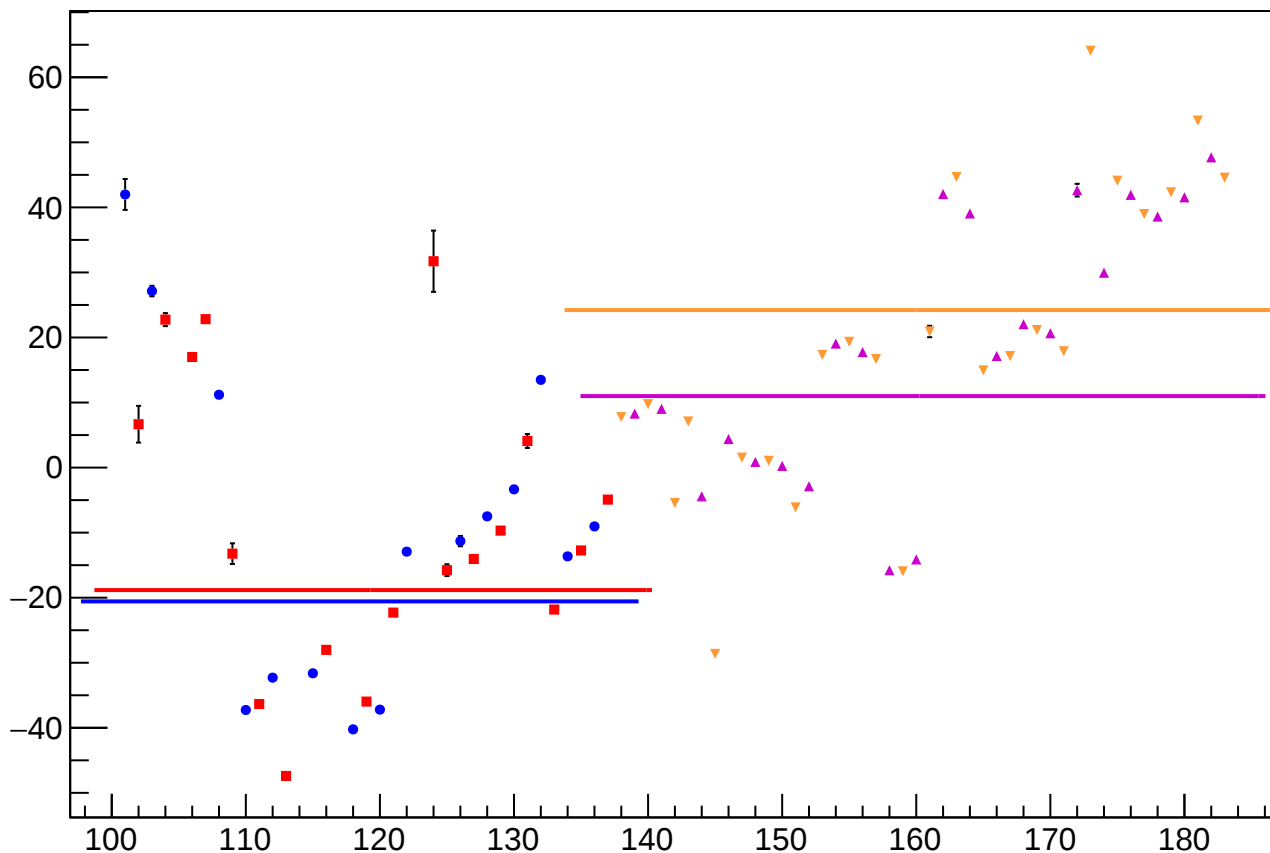
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -272.480 ± 0.021 $\chi^2/\text{NDF}: 3569515.3/36$

Out: -254.640 ± 0.020 $\chi^2/\text{NDF}: 9009802.5/41$

All: -263.107 ± 0.014 $\chi^2/\text{NDF}: 12968096.1/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569±/0.071 χ^2/NDF : 63404.0/14

Left Out: 24.216±/0.019 χ^2/NDF :1077331.6/23

Right Out: -18.831±/0.108 χ^2/NDF : 20855.1/17

Left In: 10.994±/0.018 χ^2/NDF :1241271.9/21

Left: 17.265±/0.013 χ^2/NDF : 2565887.0/45

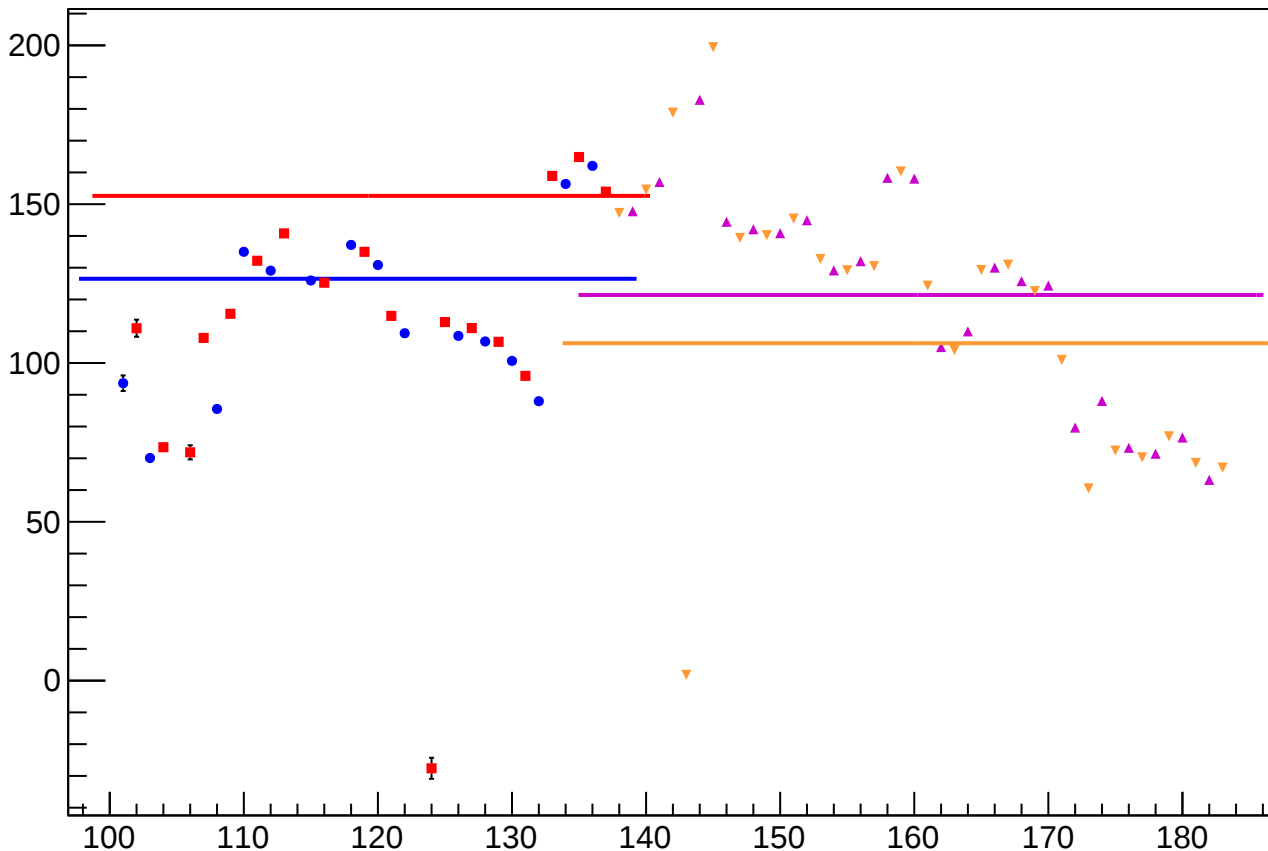
Right: -20.041±/0.060 χ^2/NDF : 84439.6/32

In: 9.042±/0.018 χ^2/NDF :1488324.8/36

Out: 22.887±/0.019 χ^2/NDF :1252131.2/41

All: 15.497±/0.013 χ^2/NDF : 3024493.3/78

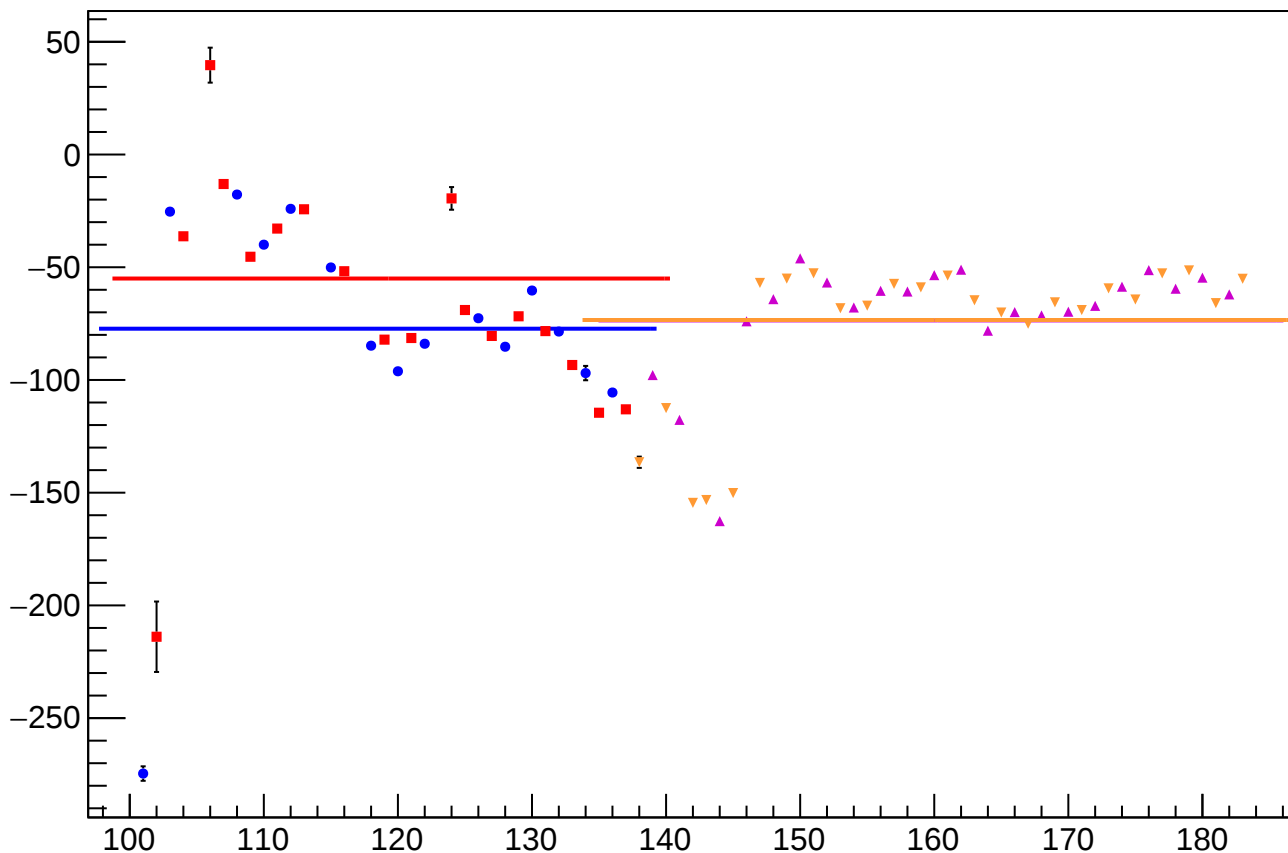
dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14
 Left Out: 106.222 $\pm$ 0.024 χ^2 /NDF:1933264.7/23
 Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17
 Left In: 121.421 $\pm$ 0.024 χ^2 /NDF:1539711.8/21

Left: 113.652 $\pm$ 0.017 χ^2 /NDF: 3671960.6/45
 Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32
 In: 121.816 $\pm$ 0.023 χ^2 /NDF:1658075.4/36
 Out: 123.910 $\pm$ 0.019 χ^2 /NDF:3453339.5/41
 All: 123.091 $\pm$ 0.015 χ^2 /NDF: 5116293.2/78

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -73.401 ± 0.113 χ^2/NDF : 65784.4/23

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -73.597 ± 0.111 χ^2/NDF : 68577.5/21

Left: -73.500 ± 0.079 χ^2/NDF : 134363.4/45

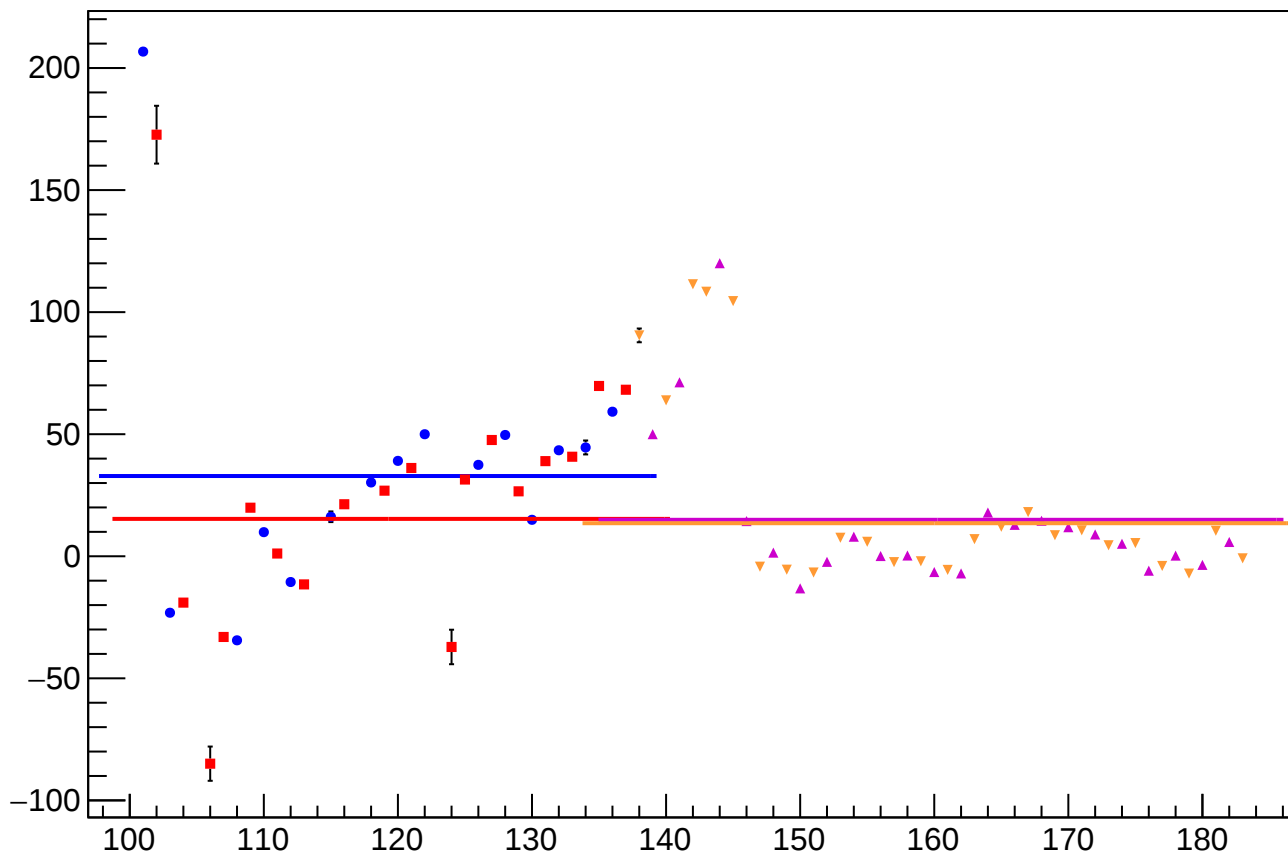
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -74.929 ± 0.088 χ^2/NDF : 99331.6/36

Out: -68.624 ± 0.097 χ^2/NDF : 96334.3/41

All: -72.070 ± 0.065 χ^2/NDF : 197976.9/78

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 13.537 $\pm$ 0.098 χ^2 /NDF:96668.6/23

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 14.934 $\pm$ 0.098 χ^2 /NDF:96635.9/21

Left: 14.237 $\pm$ 0.070 χ^2 /NDF: 193405.3/45

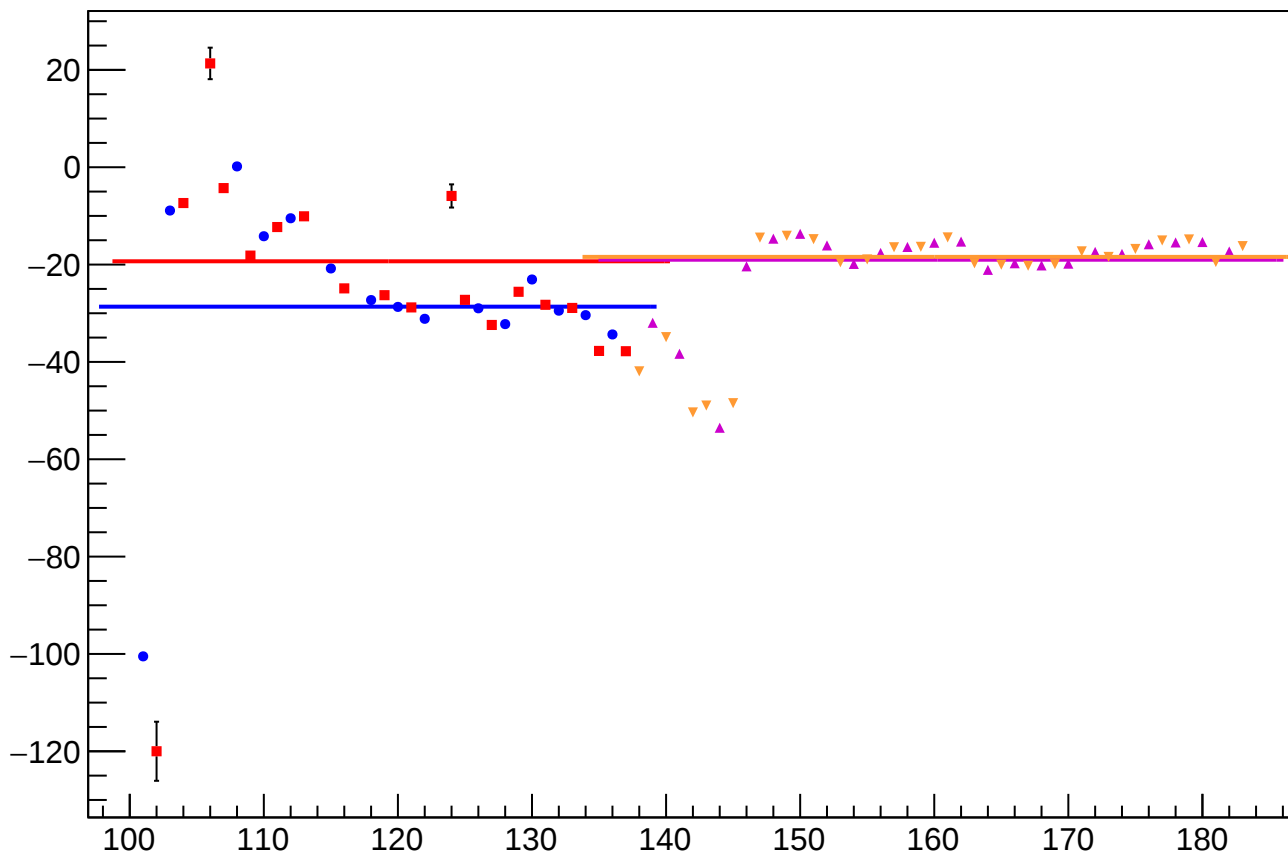
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 20.529 $\pm$ 0.082 χ^2 /NDF:138409.5/36

Out: 13.857 $\pm$ 0.089 χ^2 /NDF:113473.1/41

All: 17.489 $\pm$ 0.060 χ^2 /NDF: 254931.7/78

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.420 ± 0.013 $\chi^2/\text{NDF}: 233958.1/23$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.000 ± 0.014 $\chi^2/\text{NDF}: 206987.0/21$

Left: -18.686 ± 0.010 $\chi^2/\text{NDF}: 441865.3/45$

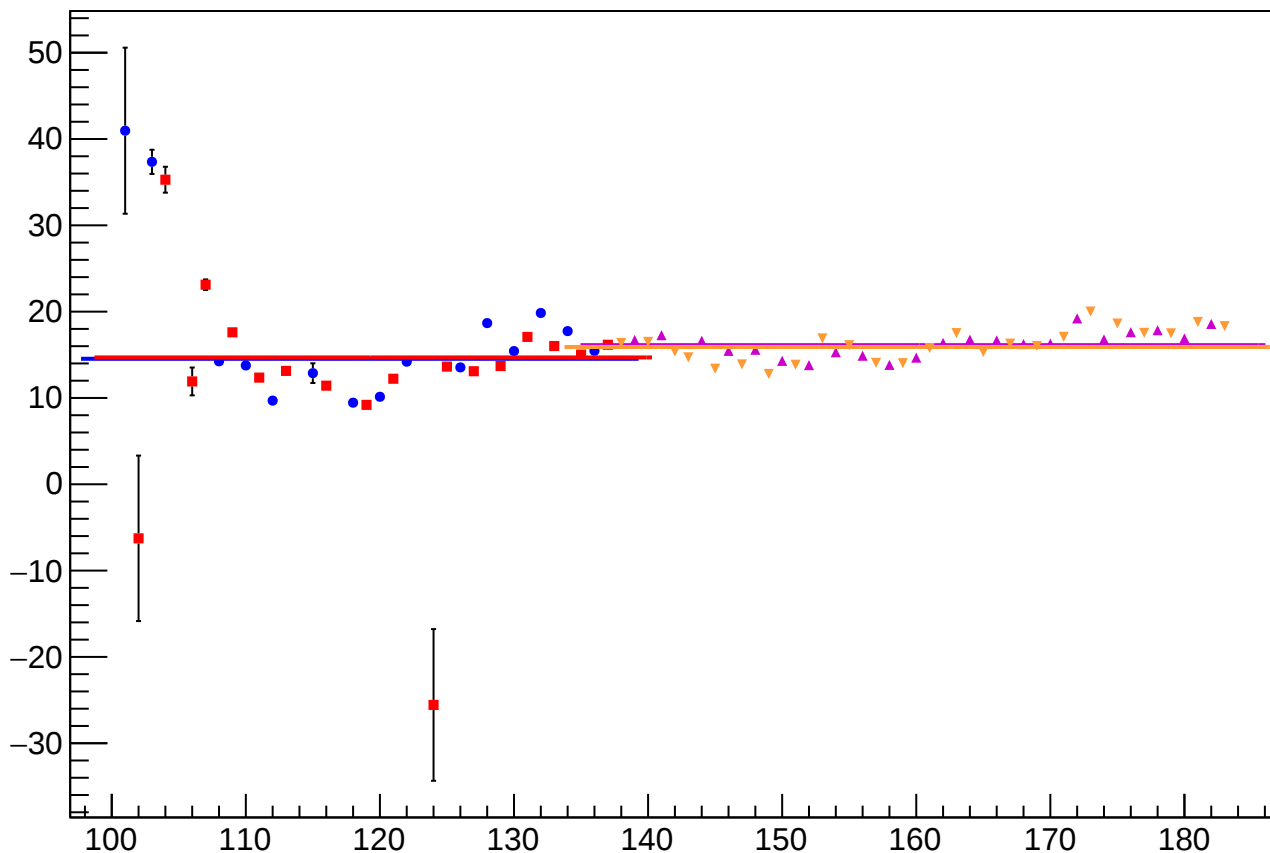
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.392 ± 0.013 $\chi^2/\text{NDF}: 388263.3/36$

Out: -18.508 ± 0.012 $\chi^2/\text{NDF}: 291014.1/41$

All: -19.399 ± 0.009 $\chi^2/\text{NDF}: 690321.1/78$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.905+/-0.014 χ^2/NDF :13263.3/23

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.120+/-0.013 χ^2/NDF :11947.1/21

Left: 16.022+/-0.009 χ^2/NDF : 25342.5/45

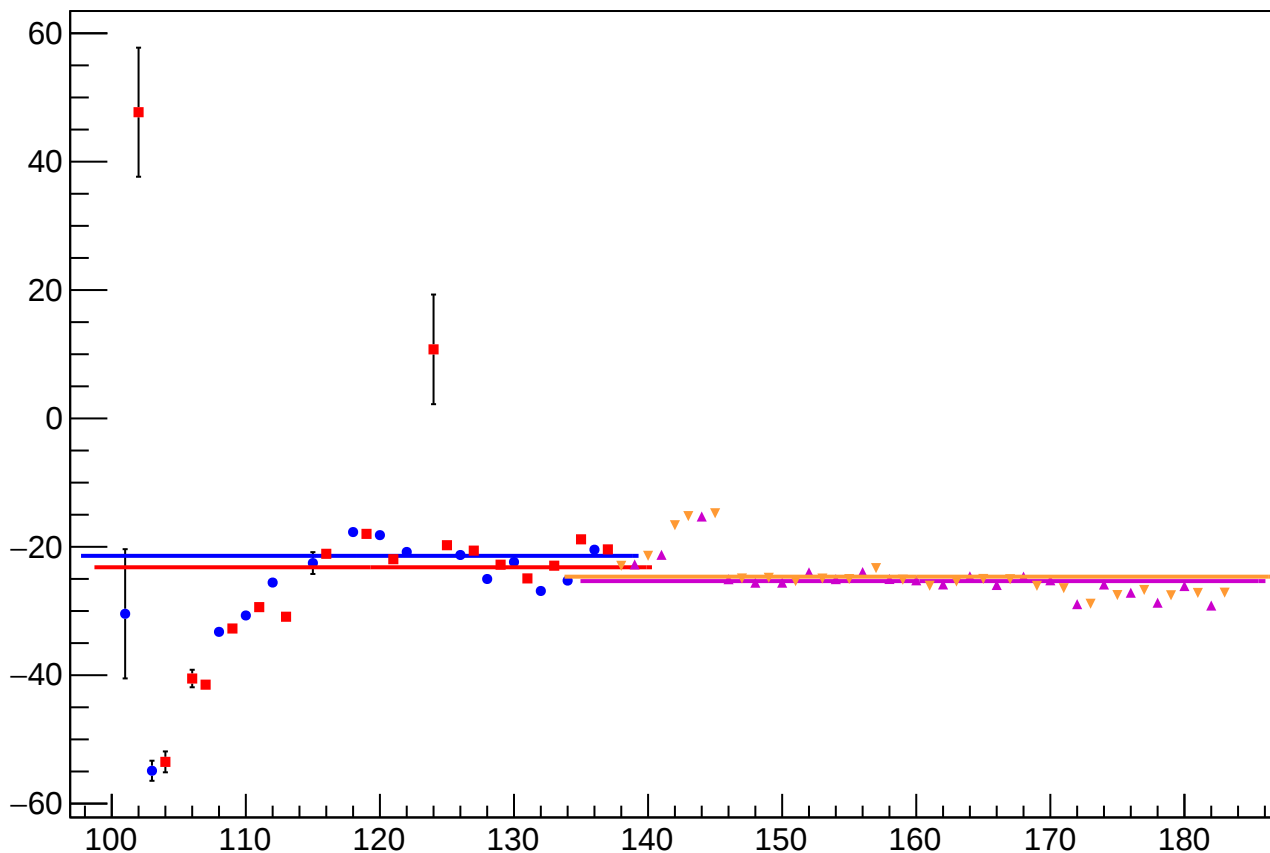
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.878+/-0.012 χ^2/NDF :26403.4/36

Out: 15.794+/-0.013 χ^2/NDF :15598.9/41

All: 15.841+/-0.009 χ^2/NDF : 42025.2/78

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.650 ± 0.016 $\chi^2/\text{NDF}: 43859.4/23$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.341 ± 0.016 $\chi^2/\text{NDF}: 16732.1/21$

Left: -24.998 ± 0.011 $\chi^2/\text{NDF}: 61531.3/45$

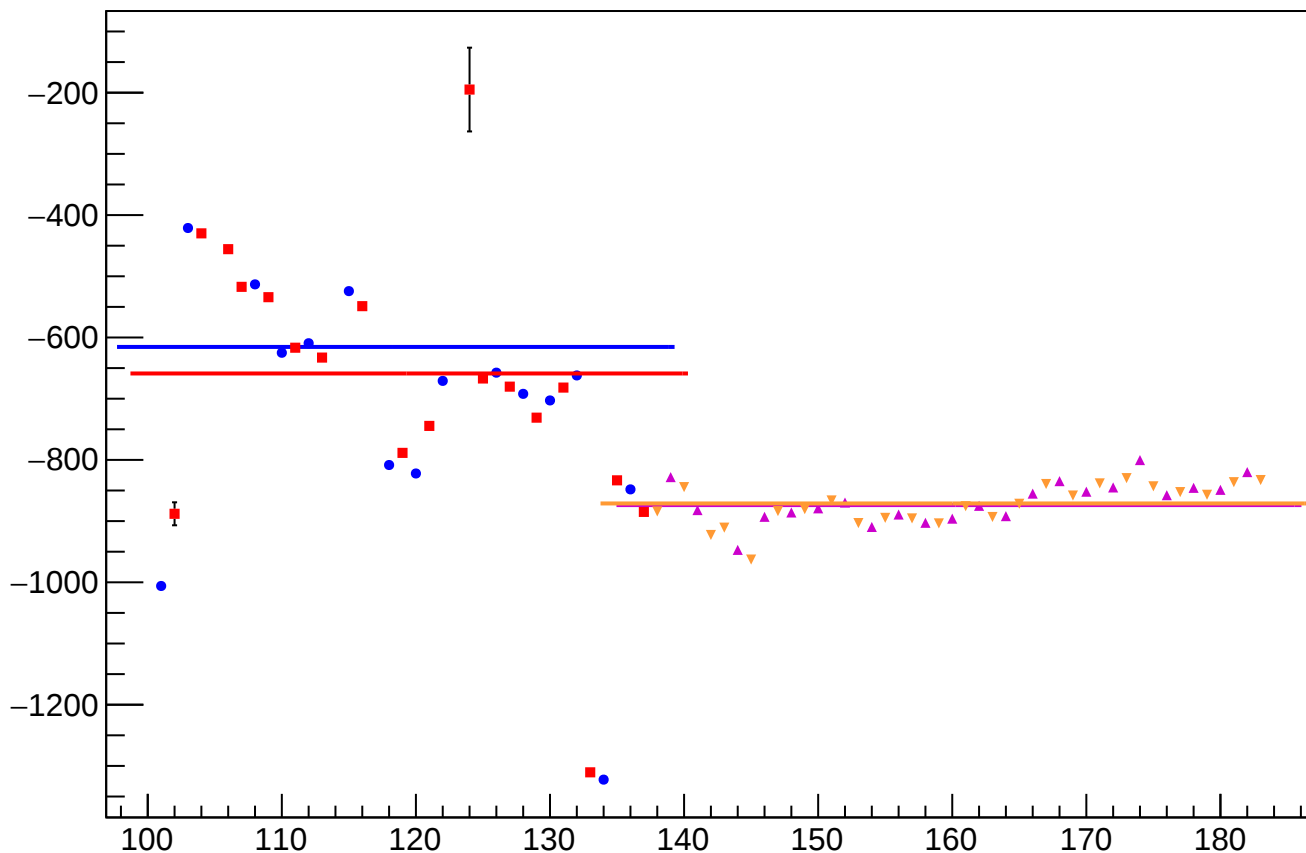
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.686 ± 0.015 $\chi^2/\text{NDF}: 36621.0/36$

Out: -24.519 ± 0.015 $\chi^2/\text{NDF}: 53733.5/41$

All: -24.607 ± 0.011 $\chi^2/\text{NDF}: 90417.4/78$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -871.166+/-0.128 χ^2/NDF : 49892.1/23

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.838+/-0.123 χ^2/NDF : 58157.1/21

Left: -872.551+/-0.089 χ^2/NDF : 108274.9/45

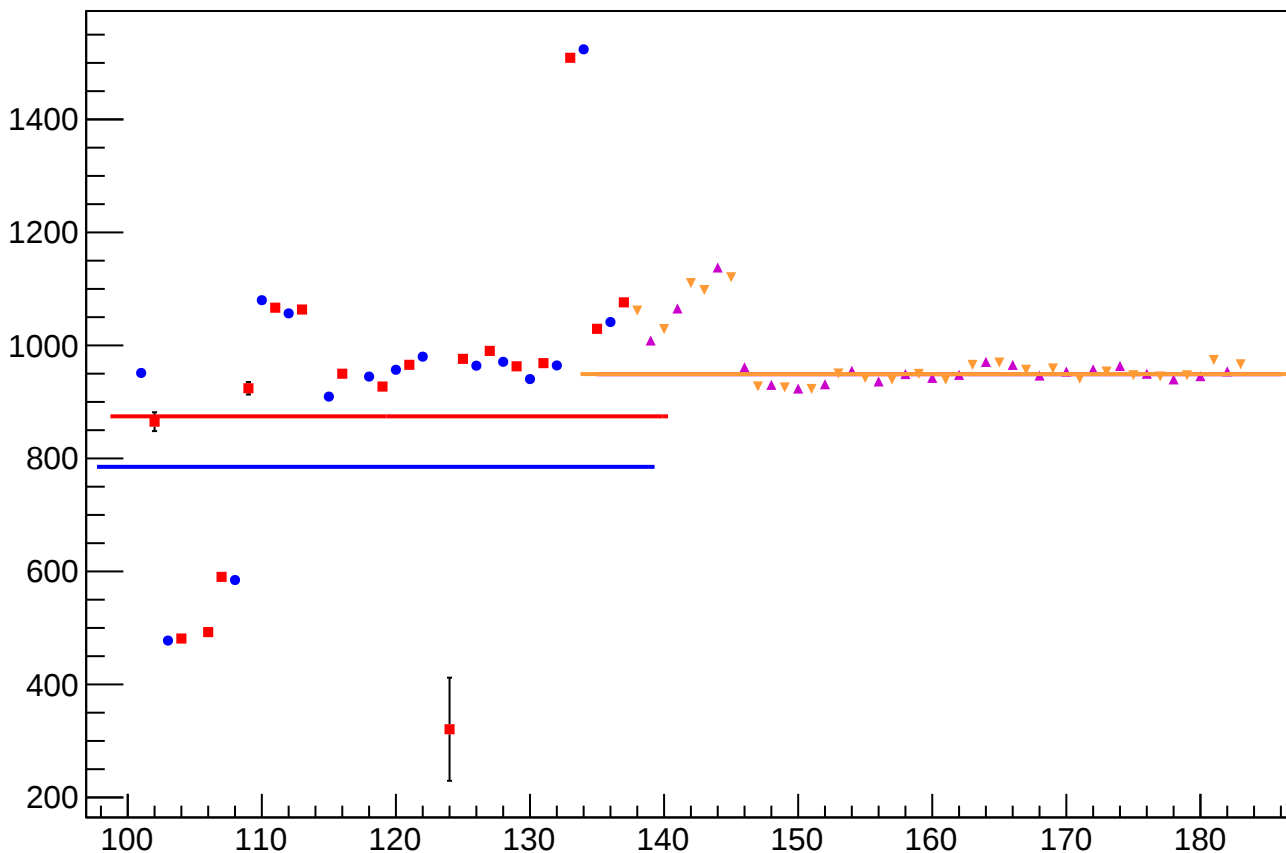
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.924+/-0.110 χ^2/NDF : 1372507.4/36

Out: -828.729+/-0.115 χ^2/NDF : 984604.6/41

All: -823.606+/-0.079 χ^2/NDF : 2360939.6/78

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 949.270 $\pm$ 0.102 χ^2 /NDF: 74403.1/23

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.002 $\pm$ 0.103 χ^2 /NDF: 76834.8/21

Left: 949.137 $\pm$ 0.072 χ^2 /NDF: 151241.4/45

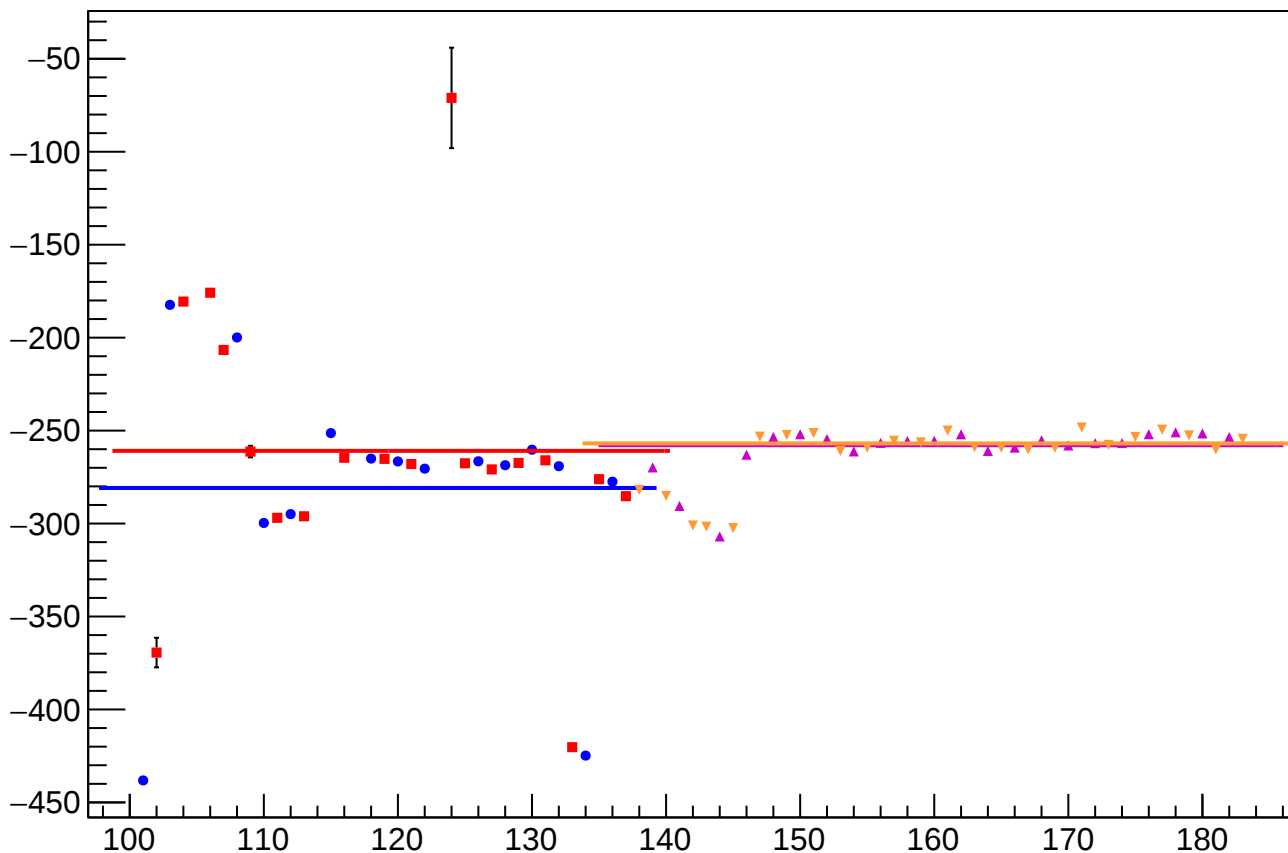
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 921.452 $\pm$ 0.093 χ^2 /NDF: 1392770.6/36

Out: 939.380 $\pm$ 0.095 χ^2 /NDF: 988006.8/41

All: 930.269 $\pm$ 0.067 χ^2 /NDF: 2398863.5/78

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -256.892+/-0.019 χ^2/NDF : 184458.9/23

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -257.861+/-0.019 χ^2/NDF : 208410.1/21

Left: -257.390+/-0.013 χ^2/NDF : 394181.0/45

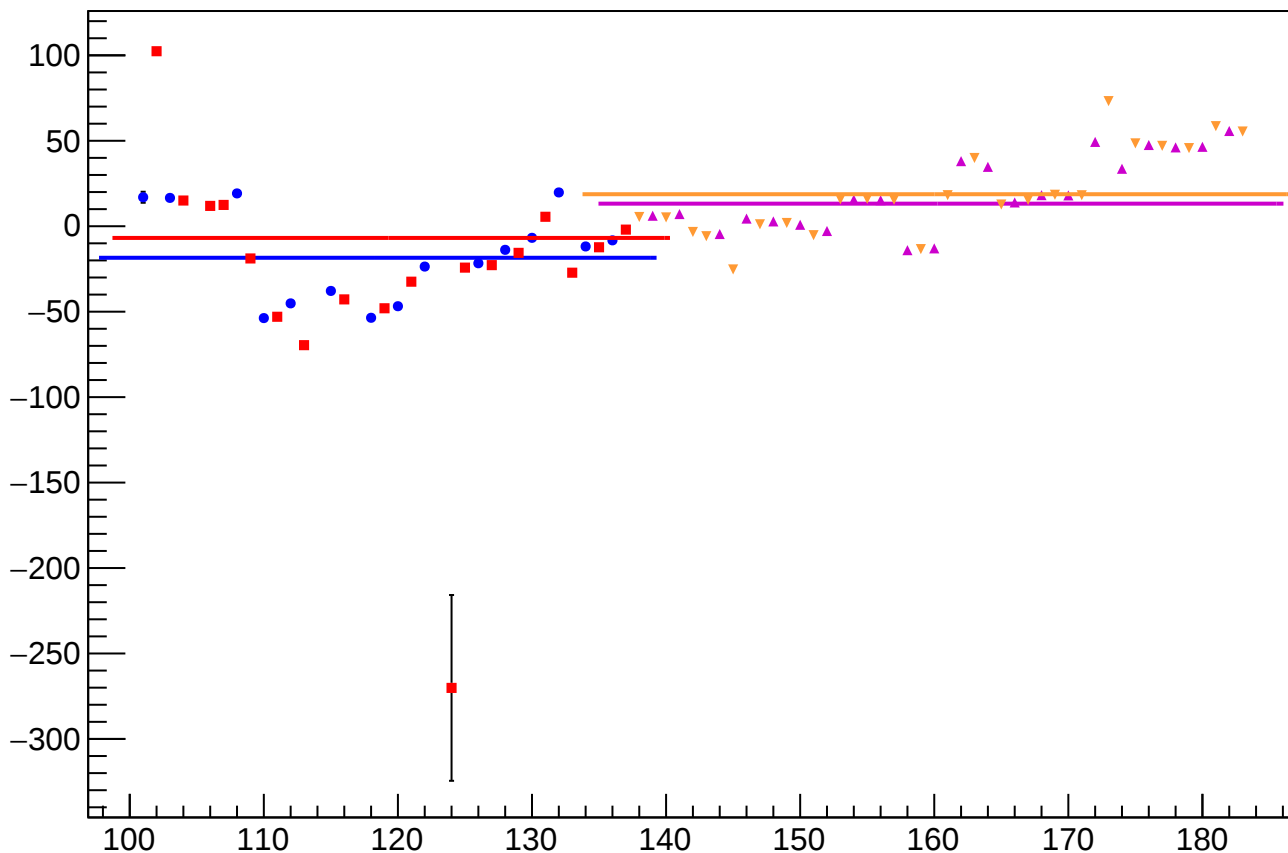
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -259.982+/-0.018 χ^2/NDF : 1222120.4/36

Out: -257.191+/-0.018 χ^2/NDF : 535428.5/41

All: -258.638+/-0.013 χ^2/NDF : 1769420.2/78

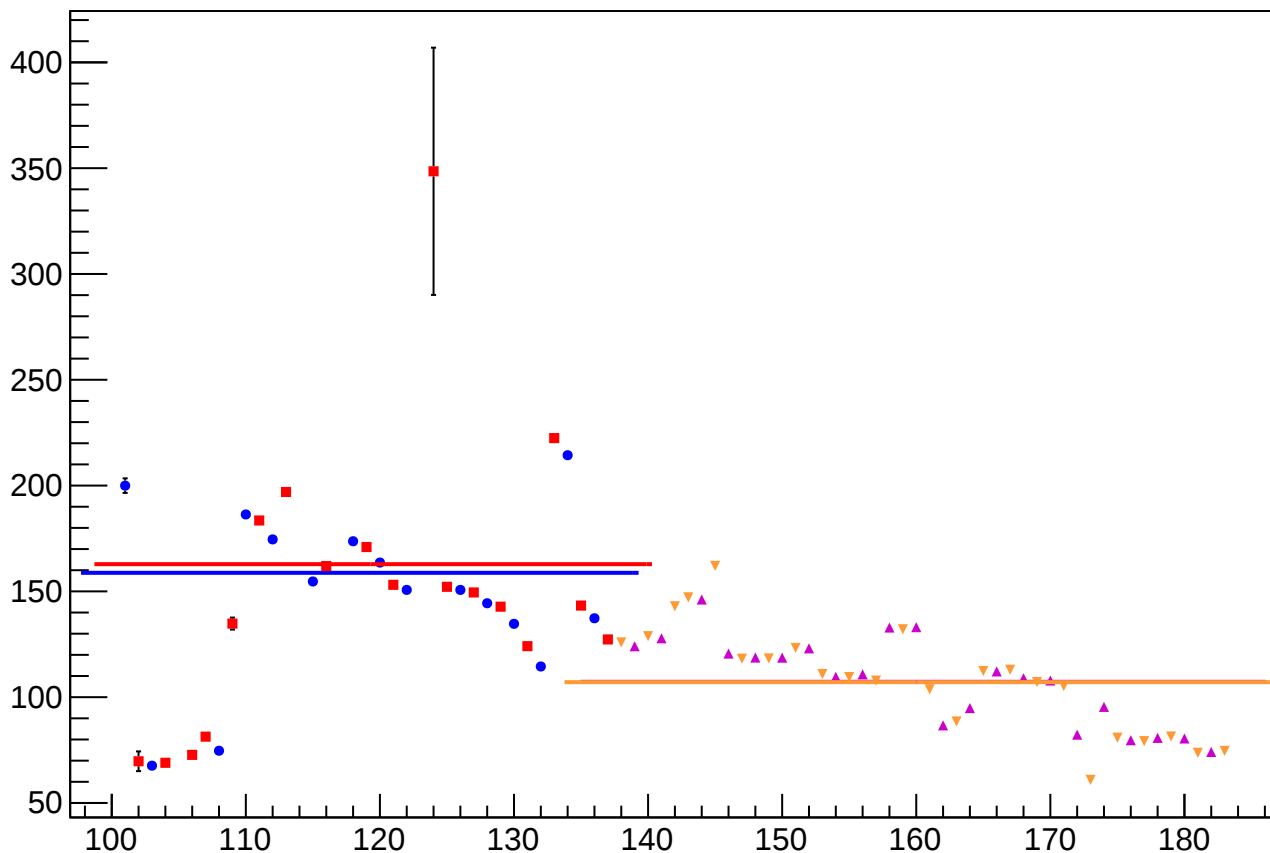
dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$
 Left Out: 18.734 ± 0.019 $\chi^2/\text{NDF}: 1270961.0/23$
 Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$
 Left In: 13.211 ± 0.019 $\chi^2/\text{NDF}: 1012156.9/21$

Left: 15.969 ± 0.013 $\chi^2/\text{NDF}: 2326325.0/45$
 Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$
 In: 11.926 ± 0.018 $\chi^2/\text{NDF}: 1174193.8/36$
 Out: 16.736 ± 0.018 $\chi^2/\text{NDF}: 1465618.3/41$
 All: 14.375 ± 0.013 $\chi^2/\text{NDF}: 2674649.1/78$

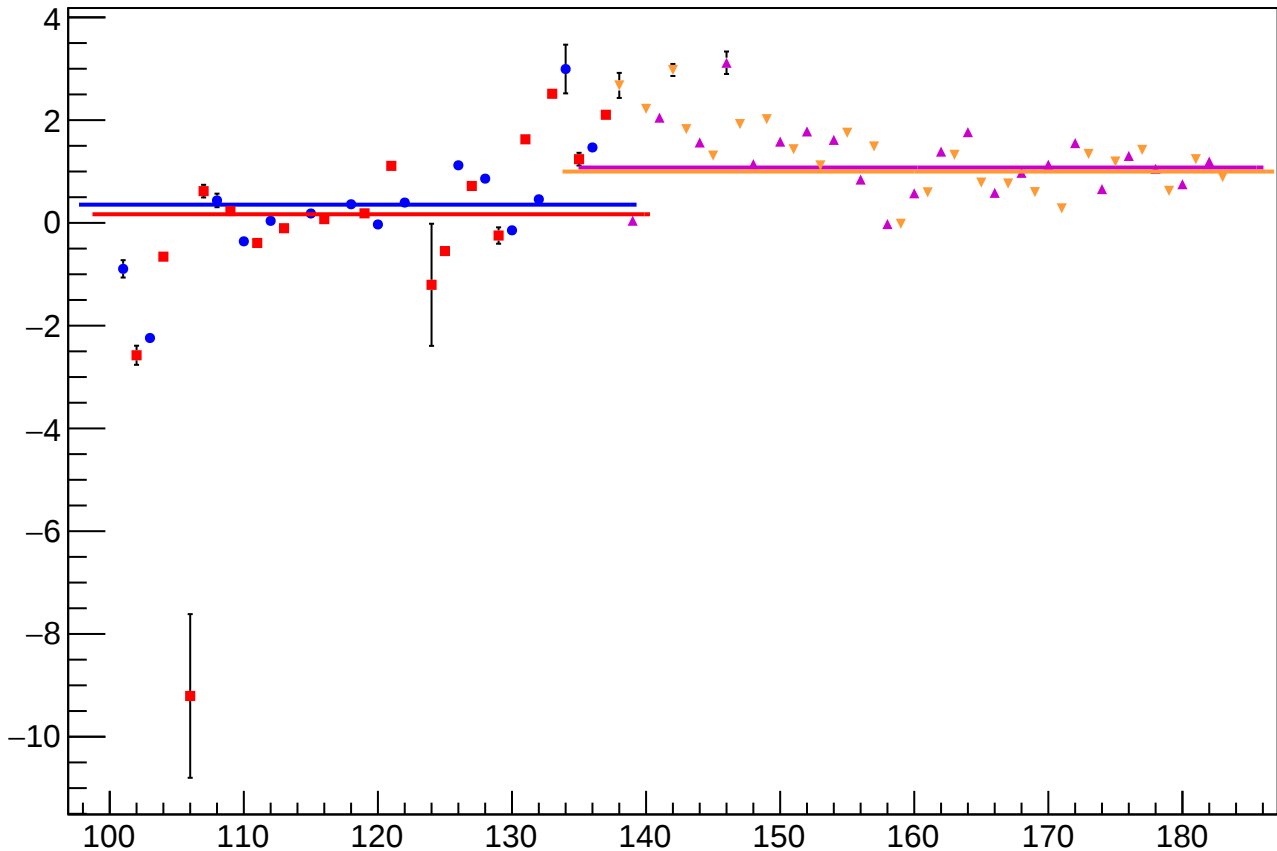
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14
 Left Out: 107.102 ± 0.023 χ^2/NDF : 654702.0/23
 Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17
 Left In: 107.265 ± 0.020 χ^2/NDF : 778570.3/21

Left: 107.194 ± 0.015 χ^2/NDF : 1433301.8/45
 Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32
 In: 109.712 ± 0.019 χ^2/NDF : 1261621.7/36
 Out: 110.208 ± 0.022 χ^2/NDF : 1148326.7/41
 All: 109.927 ± 0.014 χ^2/NDF : 2410236.9/78

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.999 ± 0.007 $\chi^2/\text{NDF}: 6512.9/23$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.078 ± 0.007 $\chi^2/\text{NDF}: 7164.1/21$

Left: 1.040 ± 0.005 $\chi^2/\text{NDF}: 13746.7/45$

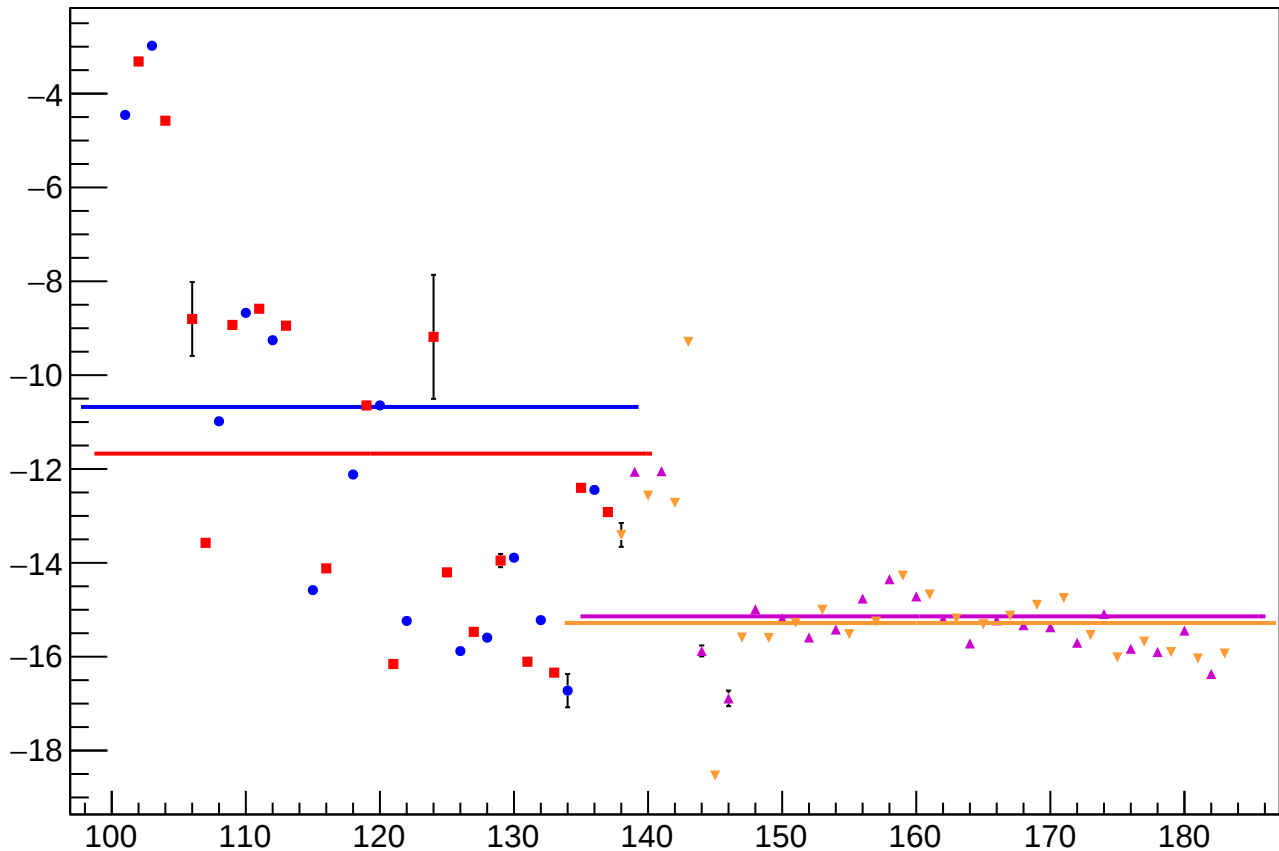
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.908 ± 0.006 $\chi^2/\text{NDF}: 14067.7/36$

Out: 0.632 ± 0.005 $\chi^2/\text{NDF}: 17703.1/41$

All: 0.755 ± 0.004 $\chi^2/\text{NDF}: 33085.9/78$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.281 ± 0.005 $\chi^2/\text{NDF}: 40702.2/23$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.141 ± 0.006 $\chi^2/\text{NDF}: 15541.2/21$

Left: -15.216 ± 0.004 $\chi^2/\text{NDF}: 56556.0/45$

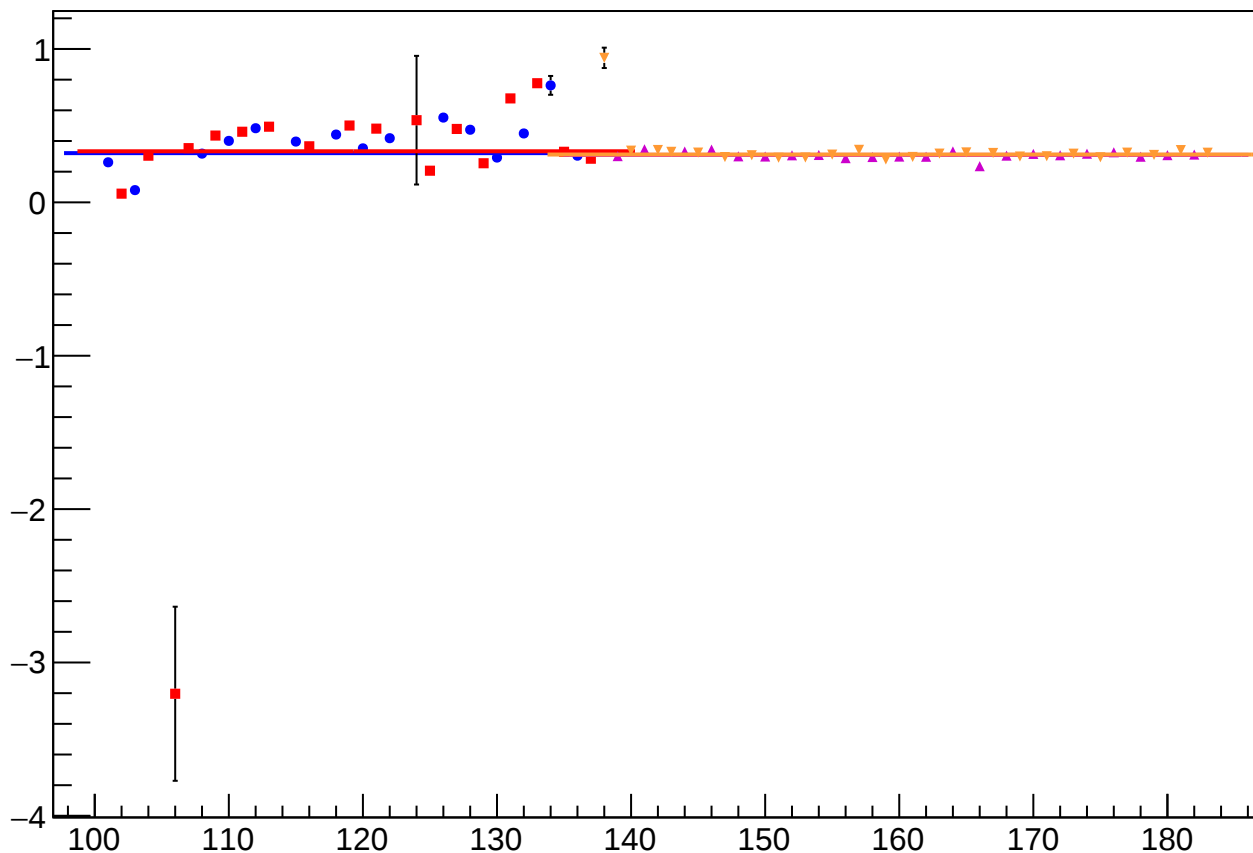
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.060 ± 0.005 $\chi^2/\text{NDF}: 385204.1/36$

Out: -14.638 ± 0.005 $\chi^2/\text{NDF}: 227536.8/41$

All: -14.357 ± 0.004 $\chi^2/\text{NDF}: 619456.0/78$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF : 5414.1/23

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2992.5/21

Left: 0.311+/-0.000 χ^2/NDF : 8461.8/45

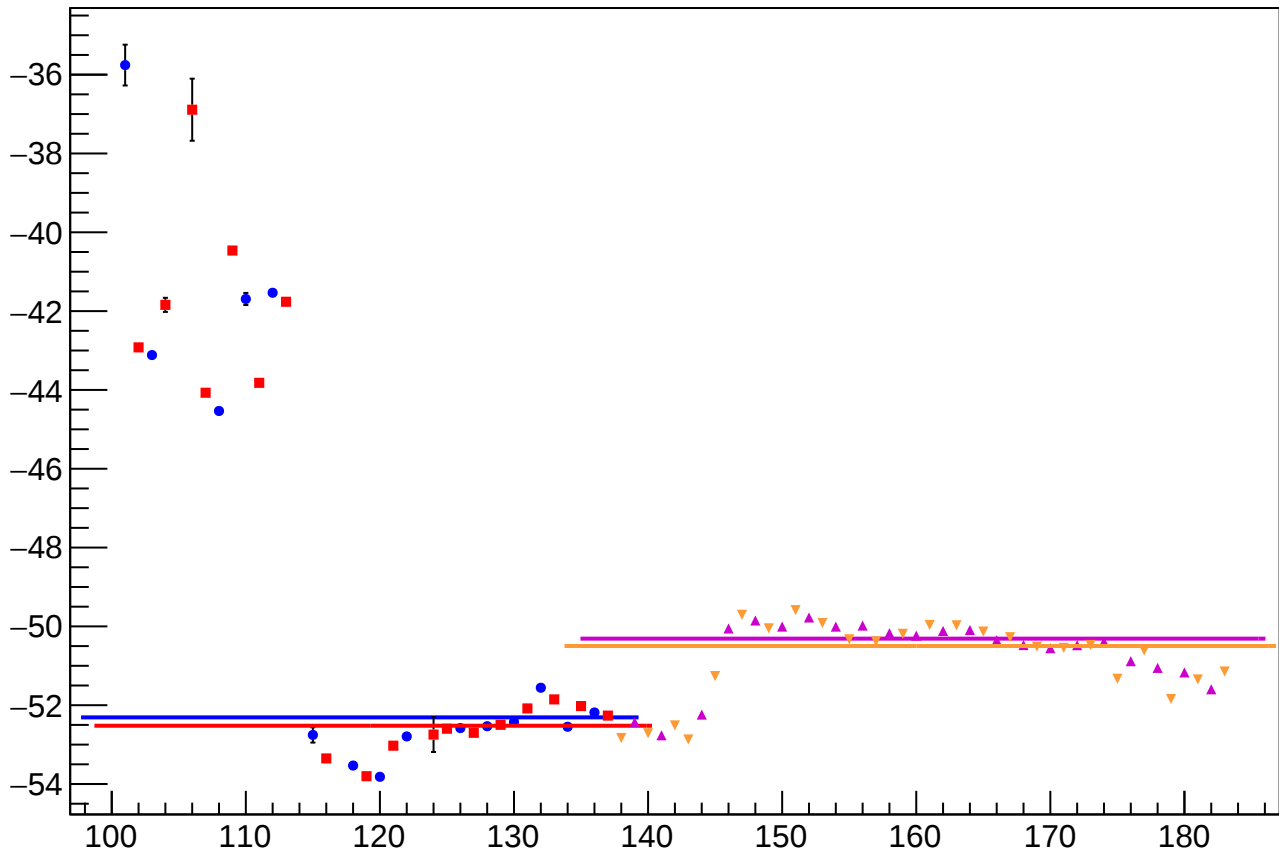
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.9/36

Out: 0.312+/-0.000 χ^2/NDF : 9863.0/41

All: 0.311+/-0.000 χ^2/NDF : 17073.0/78

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.498 $\pm$ 0.001 χ^2 /NDF: 275427.5/23

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.311 $\pm$ 0.001 χ^2 /NDF: 180980.3/21

Left: -50.393 $\pm$ 0.001 χ^2 /NDF: 465636.4/45

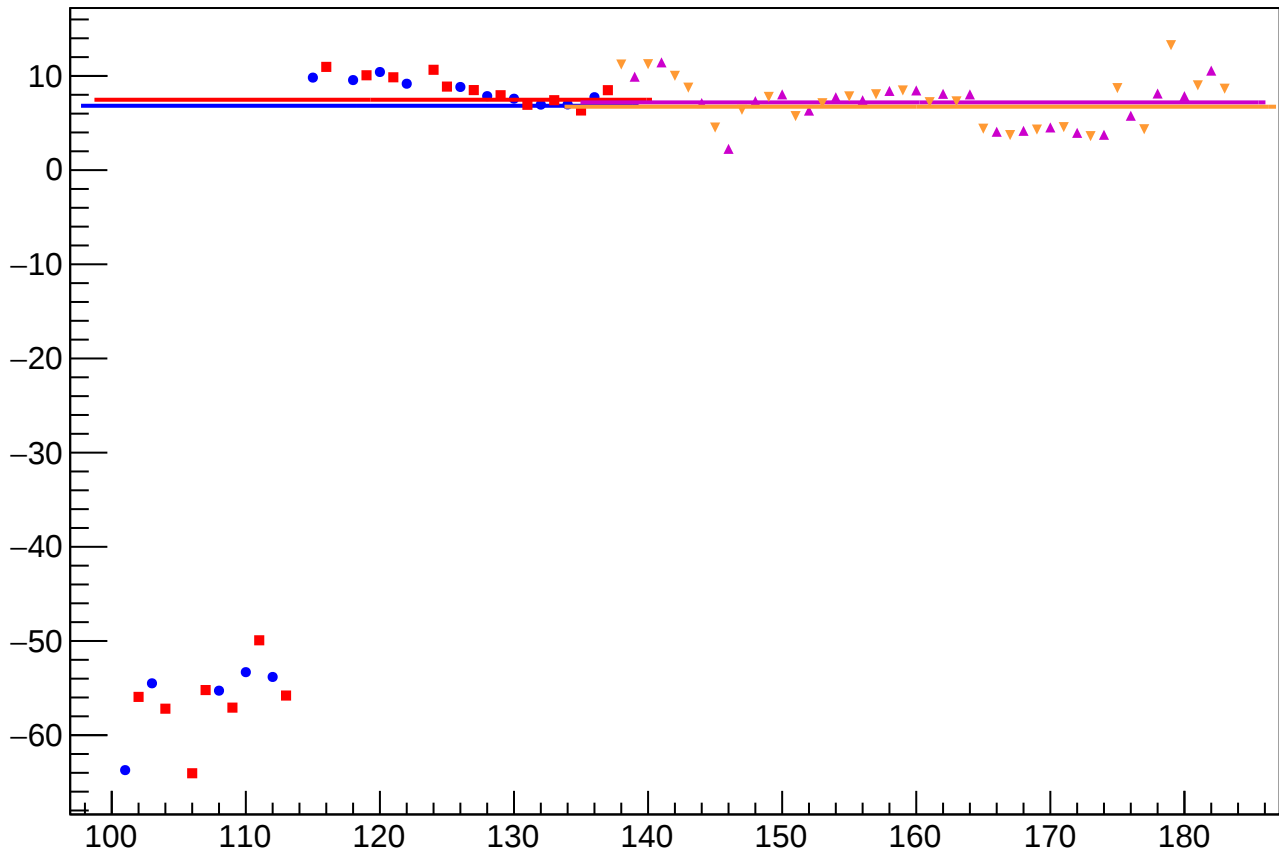
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.468 $\pm$ 0.001 χ^2 /NDF: 423214.6/36

Out: -50.682 $\pm$ 0.001 χ^2 /NDF: 527412.0/41

All: -50.563 $\pm$ 0.001 χ^2 /NDF: 963859.6/78

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 $\pm$ 0.005 χ^2 /NDF: 990576.4/14

Left Out: 6.734 $\pm$ 0.004 χ^2 /NDF:335883.2/23

Right Out: 7.474 $\pm$ 0.009 χ^2 /NDF: 1195498.7/17

Left In: 7.192 $\pm$ 0.003 χ^2 /NDF:199569.9/21

Left: 6.980 $\pm$ 0.003 χ^2 /NDF: 543572.1/45

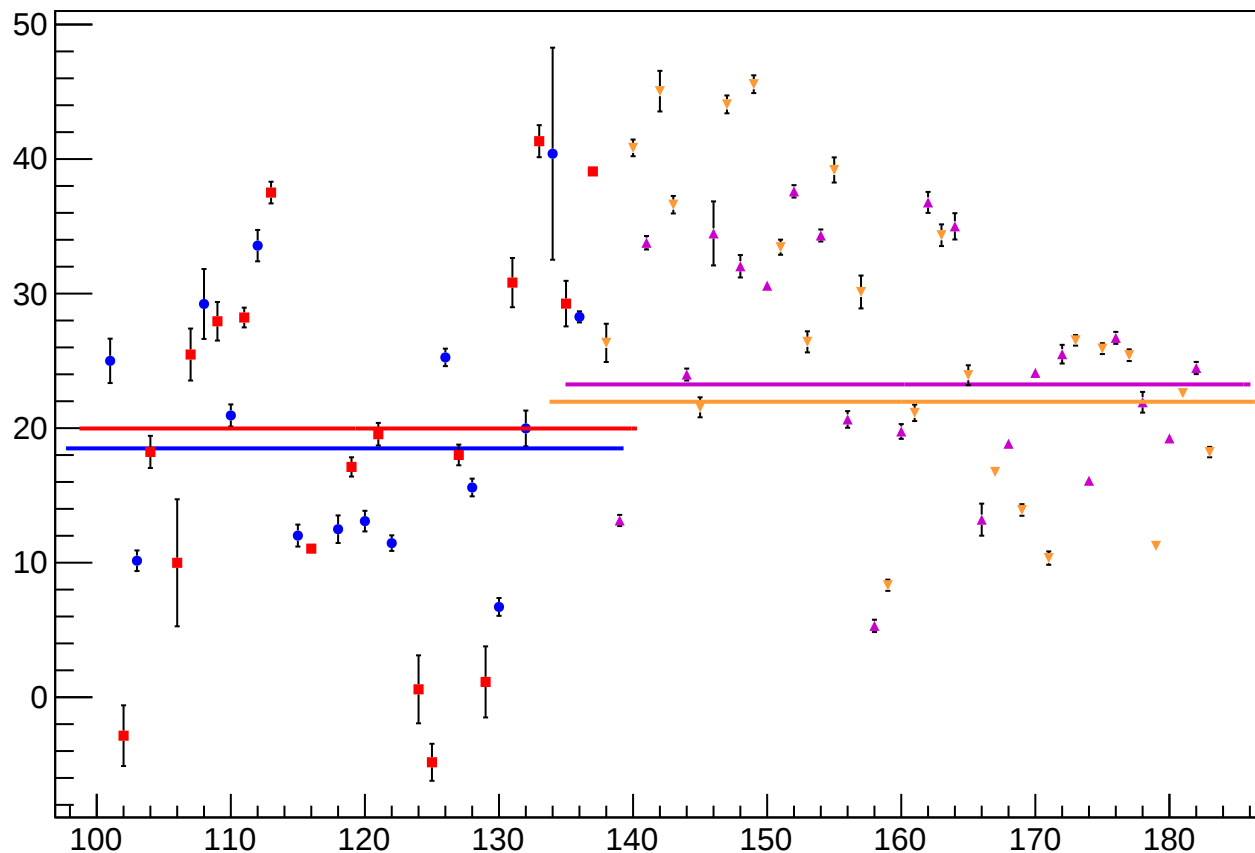
Right: 6.980 $\pm$ 0.004 χ^2 /NDF: 2189734.1/32

In: 7.078 $\pm$ 0.003 χ^2 /NDF:1193557.7/36

Out: 6.836 $\pm$ 0.003 χ^2 /NDF:1536849.1/41

All: 6.980 $\pm$ 0.002 χ^2 /NDF: 2733306.3/78

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 21.963 ± 0.101 $\chi^2/\text{NDF}: 8944.2/23$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.250 ± 0.097 $\chi^2/\text{NDF}: 6338.8/21$

Left: 22.628 ± 0.070 $\chi^2/\text{NDF}: 15367.5/45$

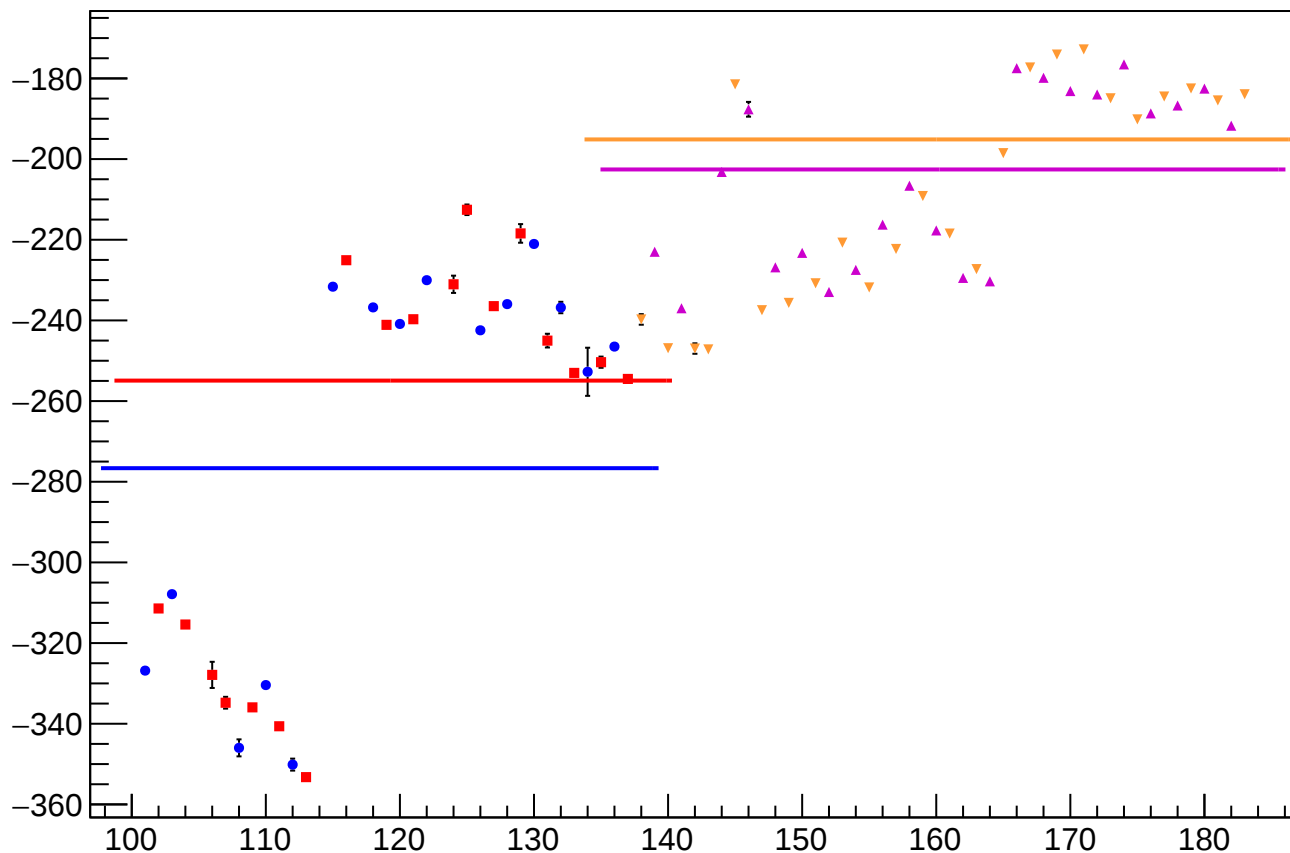
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.339 ± 0.088 $\chi^2/\text{NDF}: 8432.0/36$

Out: 21.218 ± 0.080 $\chi^2/\text{NDF}: 18291.6/41$

All: 21.725 ± 0.059 $\chi^2/\text{NDF}: 26813.1/78$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.126 ± 0.084 $\chi^2/\text{NDF}: 70659.4/23$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.573 ± 0.086 $\chi^2/\text{NDF}: 62708.7/21$

Left: -198.760 ± 0.060 $\chi^2/\text{NDF}: 137198.4/45$

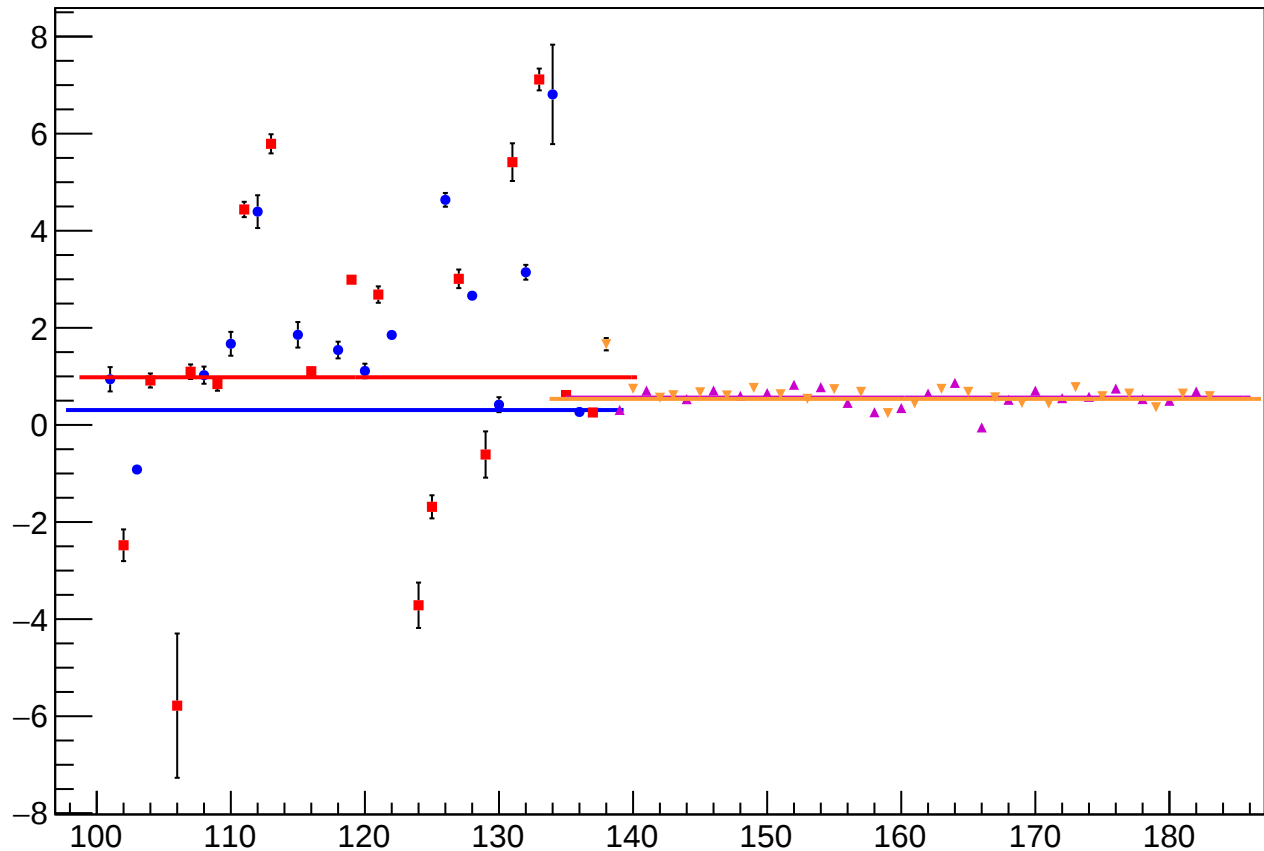
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.387 ± 0.074 $\chi^2/\text{NDF}: 327796.9/36$

Out: -229.927 ± 0.054 $\chi^2/\text{NDF}: 437188.4/41$

All: -226.954 ± 0.044 $\chi^2/\text{NDF}: 773582.2/78$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.536+/-0.002 χ^2/NDF : 11037.4/23

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.564+/-0.001 χ^2/NDF : 16157.7/21

Left: 0.552+/-0.001 χ^2/NDF : 27348.7/45

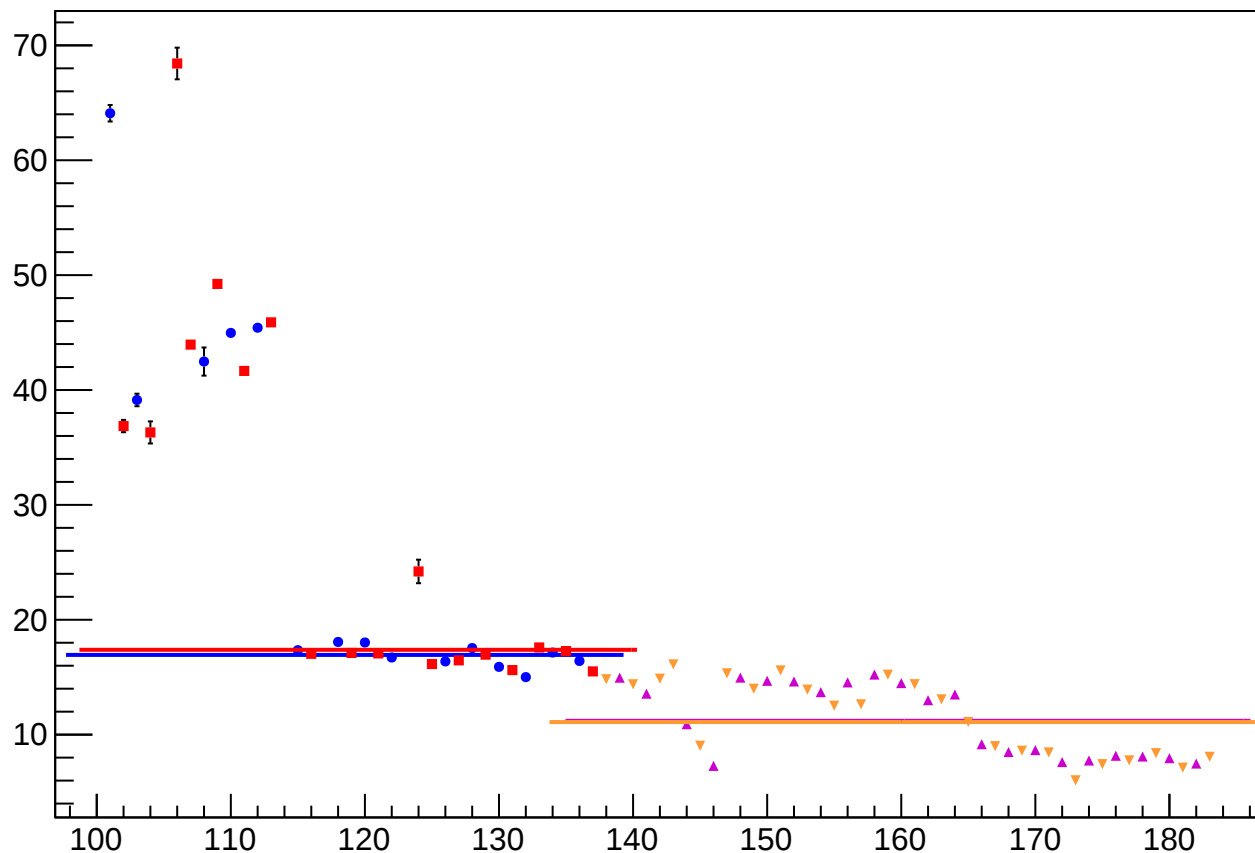
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.552+/-0.001 χ^2/NDF : 20374.6/36

Out: 0.542+/-0.002 χ^2/NDF : 15322.1/41

All: 0.548+/-0.001 χ^2/NDF : 35717.8/78

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 11.097 ± 0.007 χ^2/NDF : 262500.6/23

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 11.204 ± 0.007 χ^2/NDF : 220065.4/21

Left: 11.150 ± 0.005 χ^2/NDF : 482692.3/45

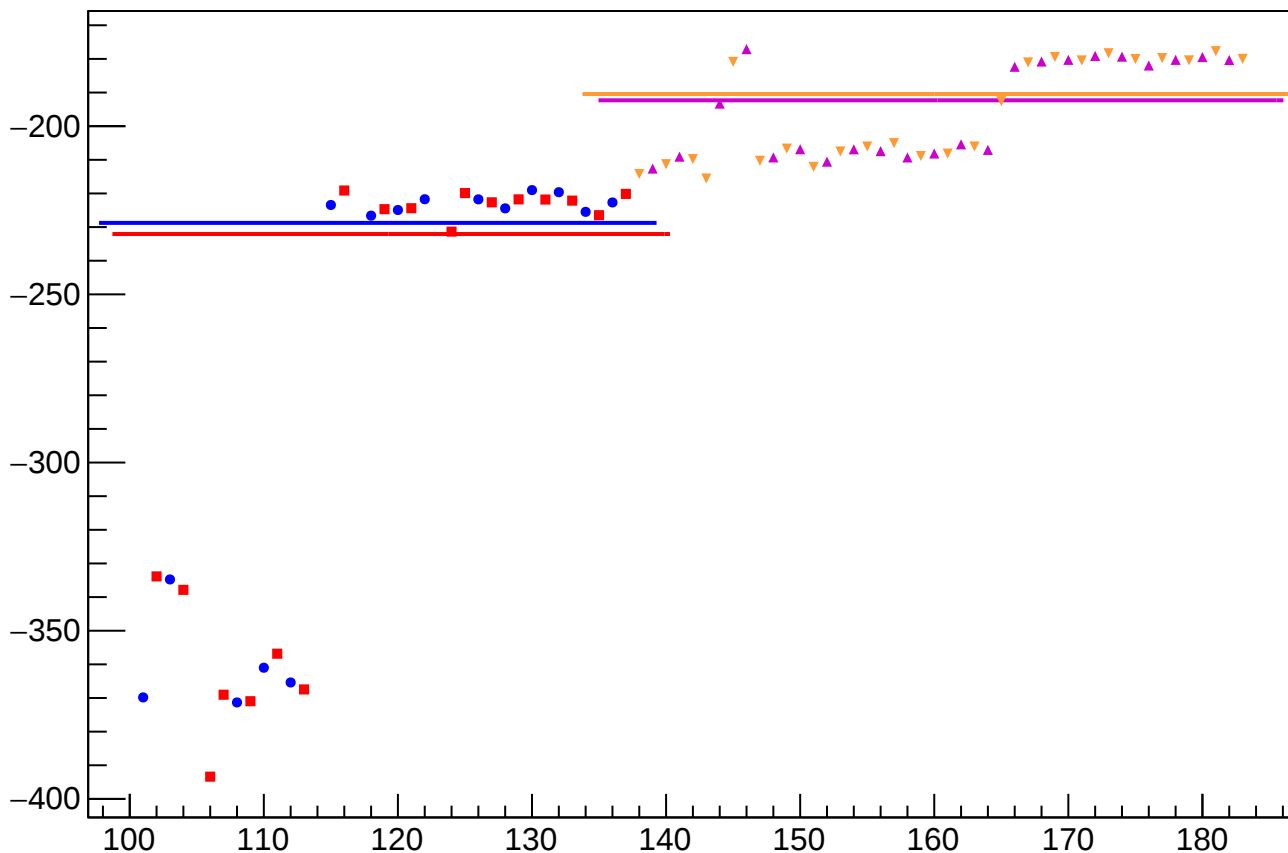
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 12.440 ± 0.006 χ^2/NDF : 405005.2/36

Out: 11.903 ± 0.006 χ^2/NDF : 435058.9/41

All: 12.186 ± 0.004 χ^2/NDF : 843891.5/78

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -190.438 ± 0.012 $\chi^2/\text{NDF}: 1505401.0/23$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -192.310 ± 0.012 $\chi^2/\text{NDF}: 1409845.4/21$

Left: -191.365 ± 0.008 $\chi^2/\text{NDF}: 2928143.7/45$

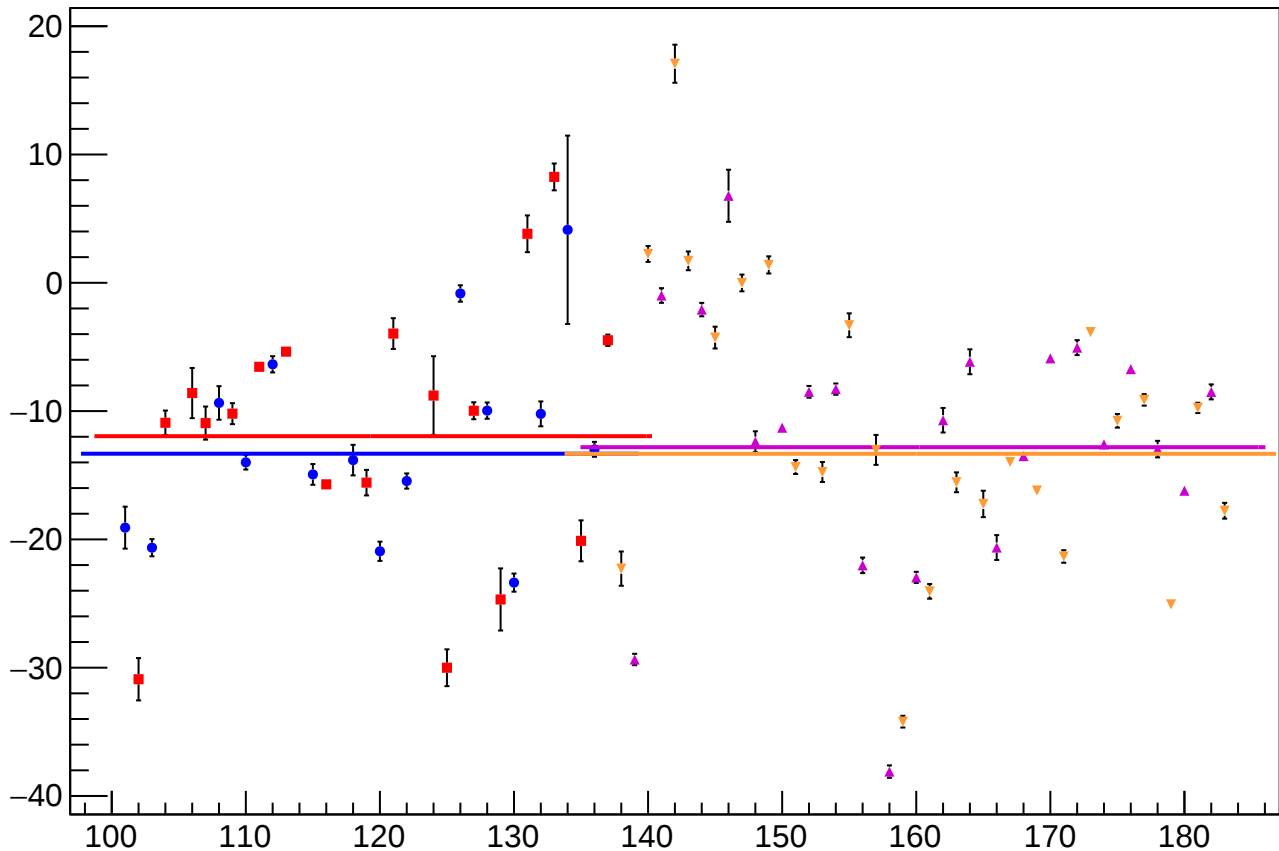
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -196.038 ± 0.011 $\chi^2/\text{NDF}: 3058247.8/36$

Out: -193.479 ± 0.011 $\chi^2/\text{NDF}: 3238205.1/41$

All: -194.767 ± 0.008 $\chi^2/\text{NDF}: 6322881.2/78$

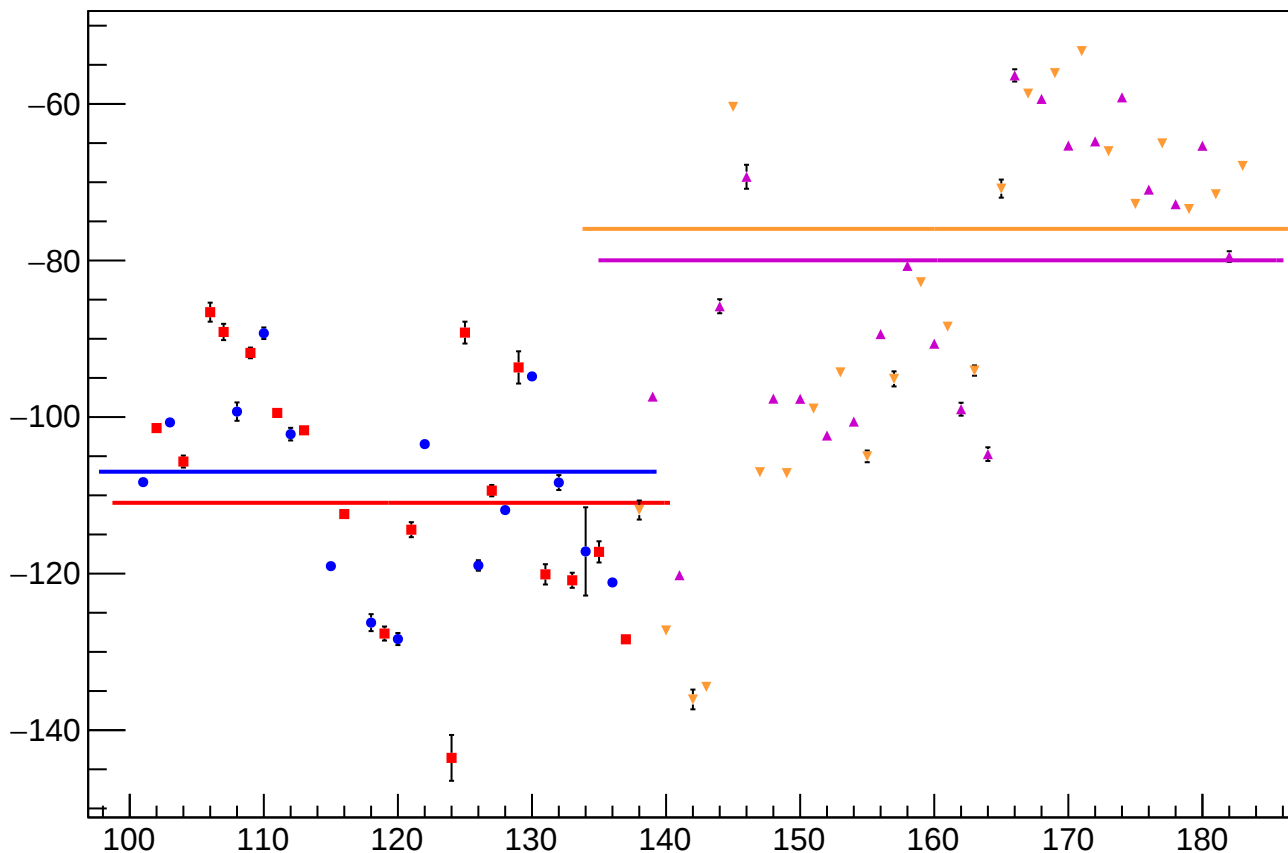
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -13.330 ± 0.109 $\chi^2/\text{NDF}: 7285.3/23$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -12.813 ± 0.100 $\chi^2/\text{NDF}: 7327.5/21$

Left: -13.048 ± 0.074 $\chi^2/\text{NDF}: 14625.1/45$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$
 In: -12.919 ± 0.089 $\chi^2/\text{NDF}: 8346.0/36$
 Out: -12.664 ± 0.078 $\chi^2/\text{NDF}: 9849.2/41$
 All: -12.776 ± 0.059 $\chi^2/\text{NDF}: 18199.8/78$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -75.960 ± 0.086 χ^2/NDF : 53788.8/23

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.976 ± 0.086 χ^2/NDF : 44352.4/21

Left: -77.965 ± 0.061 χ^2/NDF : 99235.0/45

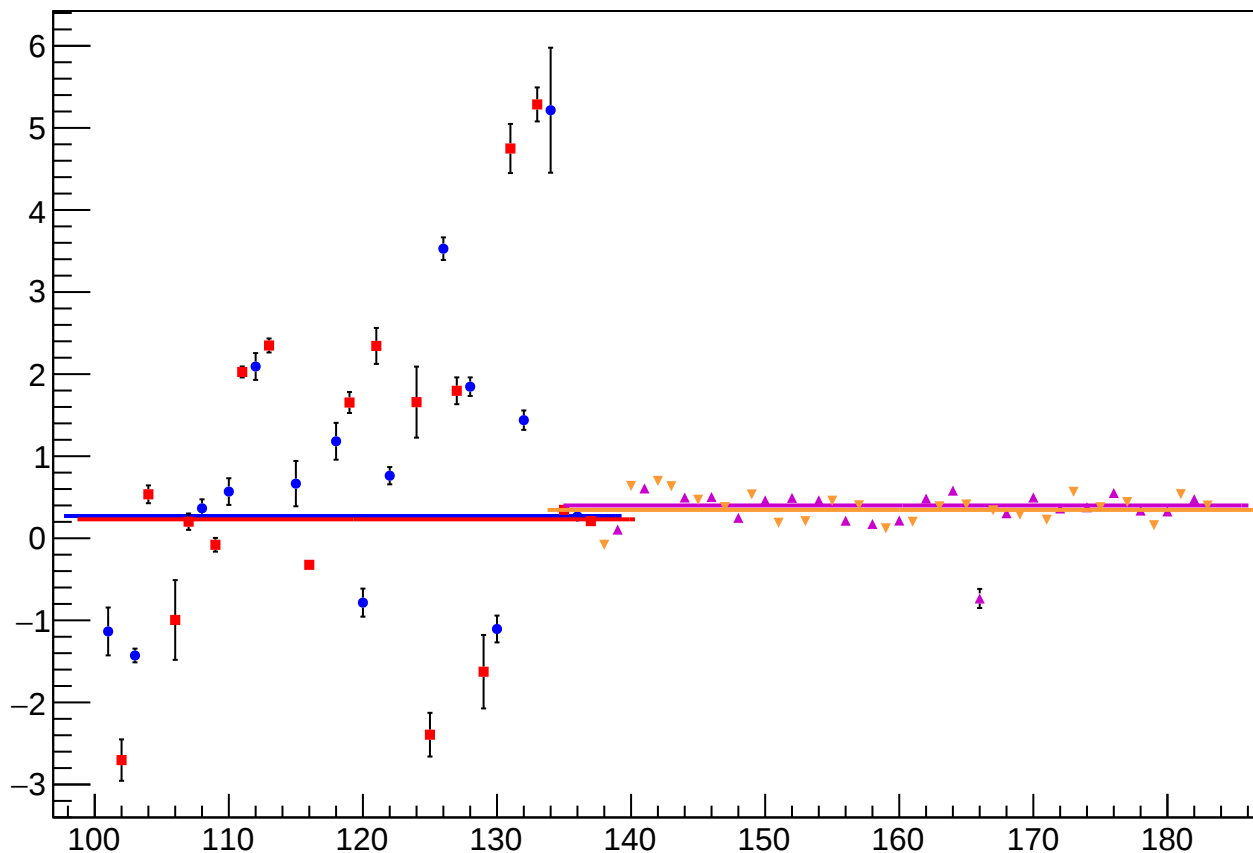
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.208 ± 0.068 χ^2/NDF : 86434.5/36

Out: -102.035 ± 0.043 χ^2/NDF : 188400.5/41

All: -98.601 ± 0.036 χ^2/NDF : 296478.4/78

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.346 ± 0.002 χ^2/NDF : 10444.6/23

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.400 ± 0.001 χ^2/NDF : 9756.0/21

Left: 0.376 ± 0.001 χ^2/NDF : 20797.0/45

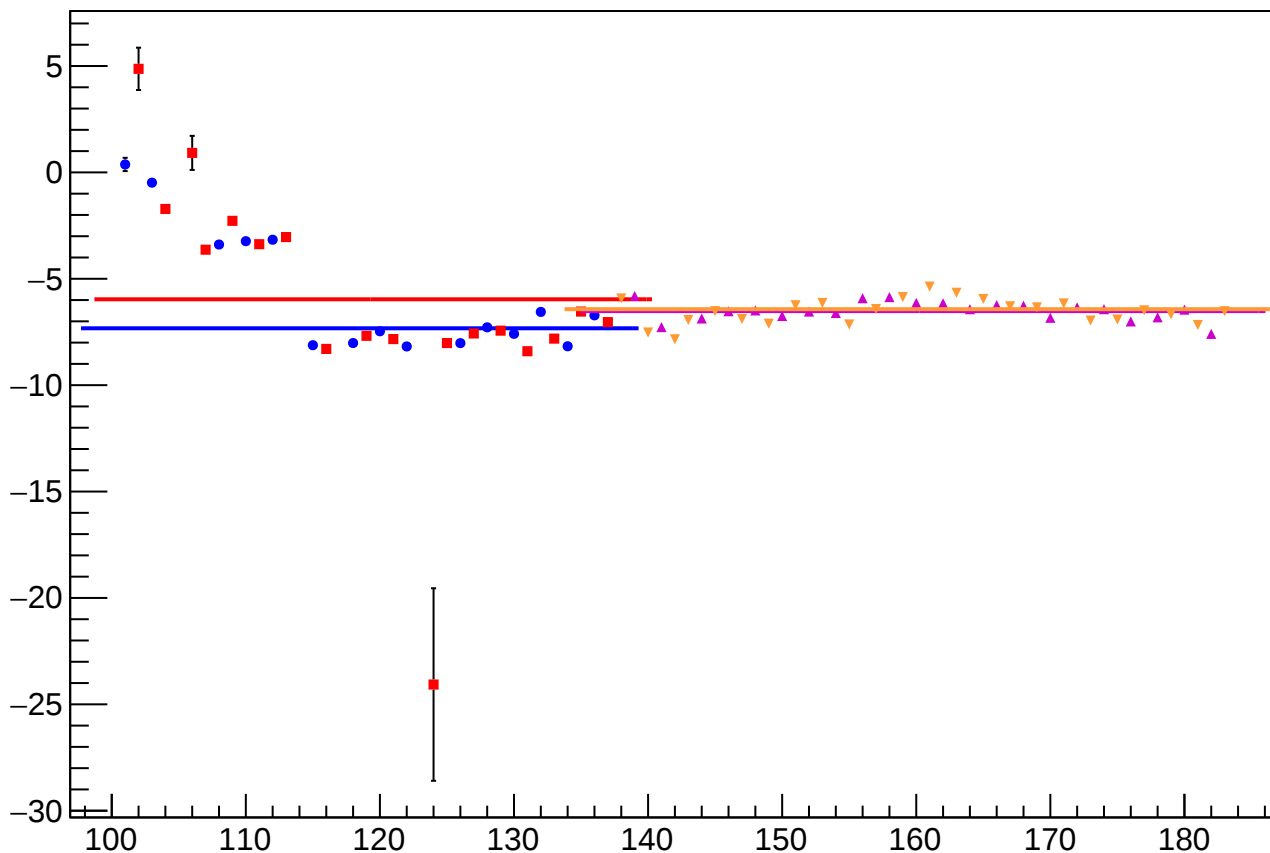
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.391 ± 0.001 χ^2/NDF : 11909.6/36

Out: 0.332 ± 0.002 χ^2/NDF : 13945.8/41

All: 0.364 ± 0.001 χ^2/NDF : 26651.0/78

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 : 7324.0/23

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.519+/-0.005 χ^2/NDF : 7032.4/21

Left: -6.476+/-0.003 χ^2/NDF : 14538.6/45

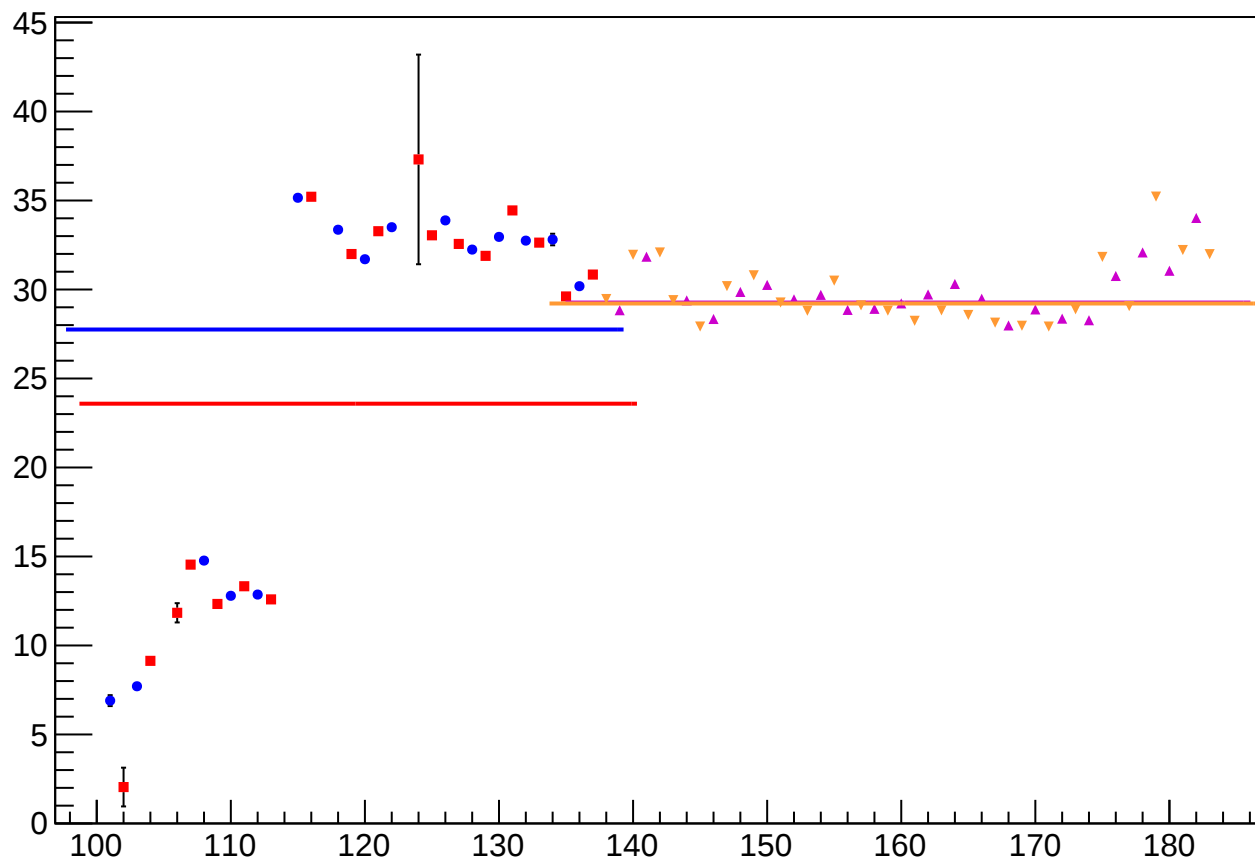
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.707+/-0.004 χ^2/NDF : 44661.5/36

Out: -6.320+/-0.004 χ^2/NDF : 81279.7/41

All: -6.523+/-0.003 χ^2/NDF : 130301.2/78

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.213 $\pm$ 0.008 χ^2 /NDF: 40113.9/23

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.268 $\pm$ 0.008 χ^2 /NDF: 11583.8/21

Left: 29.240 $\pm$ 0.006 χ^2 /NDF: 51718.7/45

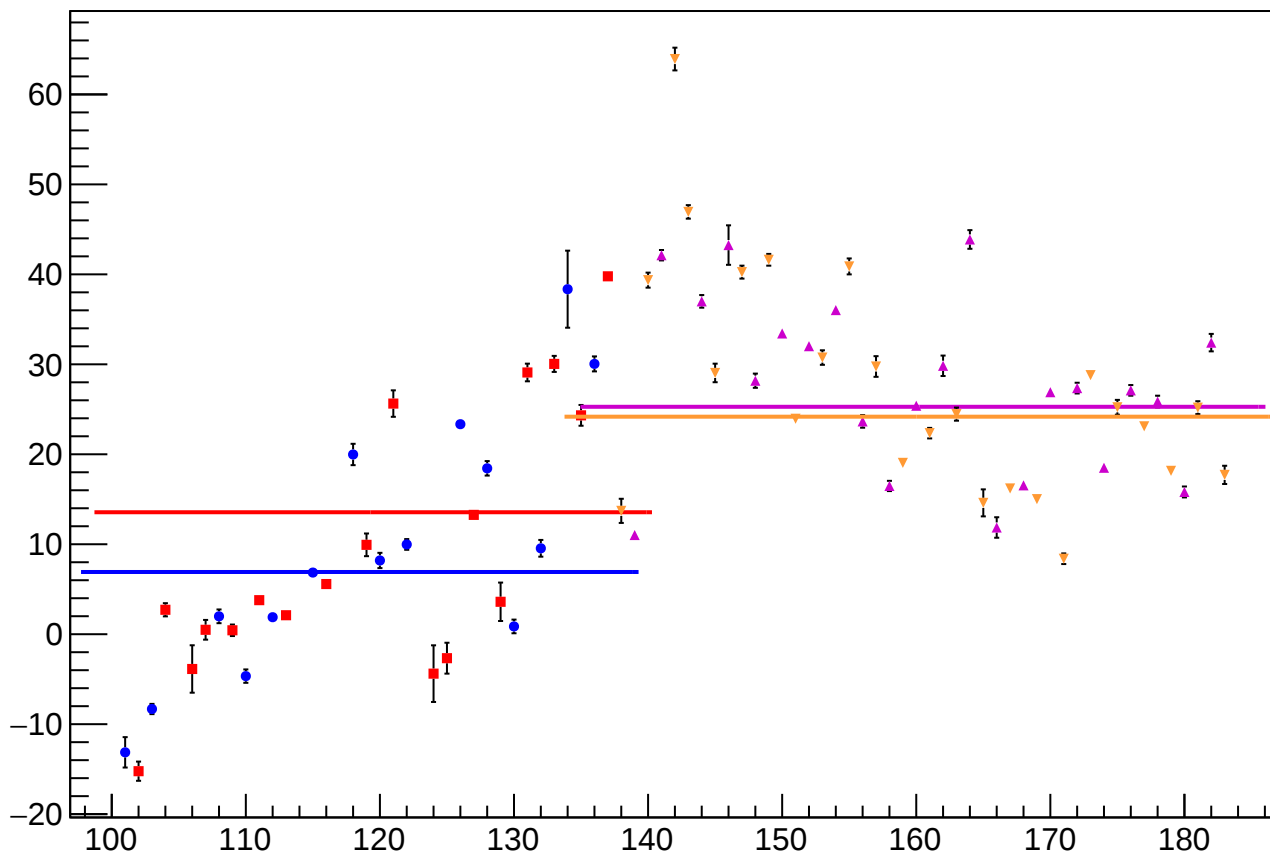
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.906 $\pm$ 0.007 χ^2 /NDF: 352241.7/36

Out: 27.687 $\pm$ 0.007 χ^2 /NDF: 702505.7/41

All: 28.279 $\pm$ 0.005 χ^2 /NDF: 1068891.2/78

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.179 ± 0.127 $\chi^2/\text{NDF}: 6170.5/23$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.279 ± 0.114 $\chi^2/\text{NDF}: 6121.5/21$

Left: 24.792 ± 0.085 $\chi^2/\text{NDF}: 12333.4/45$

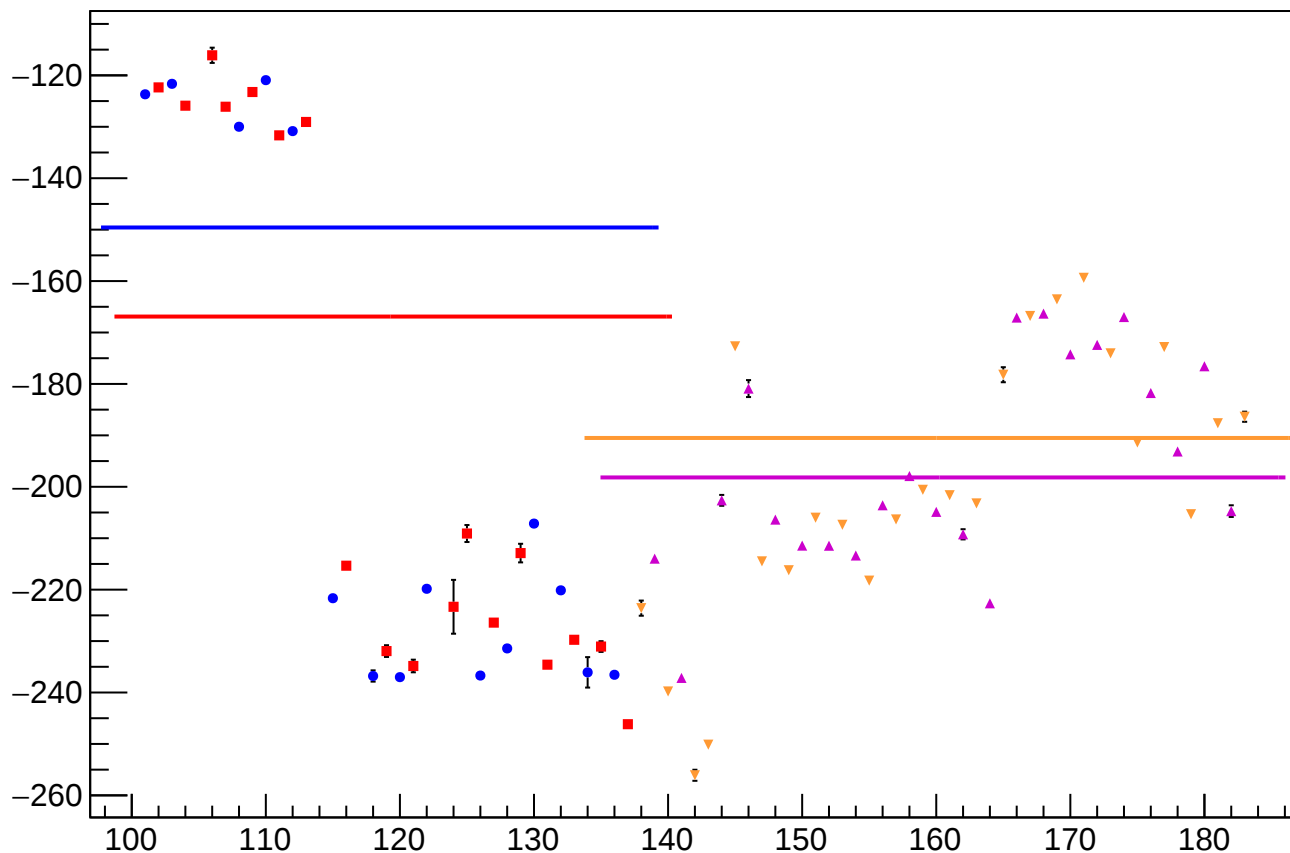
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.905 ± 0.096 $\chi^2/\text{NDF}: 17277.1/36$

Out: 19.552 ± 0.096 $\chi^2/\text{NDF}: 20853.7/41$

All: 19.729 ± 0.068 $\chi^2/\text{NDF}: 38137.5/78$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -190.505+/-0.103 χ^2/NDF : 50654.7/23

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -198.182+/-0.099 χ^2/NDF : 42023.8/21

Left: -194.524+/-0.071 χ^2/NDF : 95562.8/45

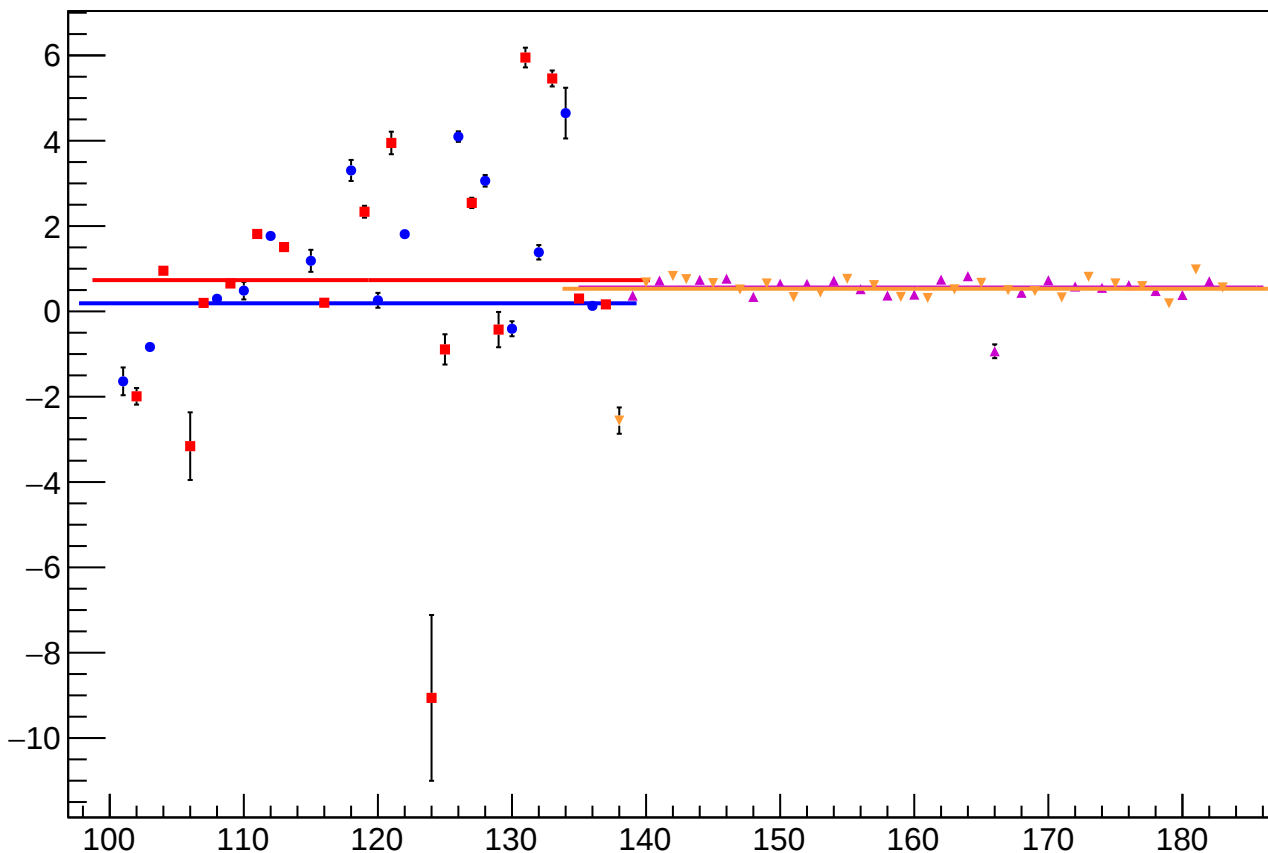
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -174.415+/-0.071 χ^2/NDF : 355739.0/36

Out: -178.375+/-0.072 χ^2/NDF : 372918.0/41

All: -176.351+/-0.050 χ^2/NDF : 730198.0/78

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.530 ± 0.002 $\chi^2/\text{NDF}: 8554.8/23$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.559 ± 0.002 $\chi^2/\text{NDF}: 5569.4/21$

Left: 0.546 ± 0.001 $\chi^2/\text{NDF}: 14228.2/45$

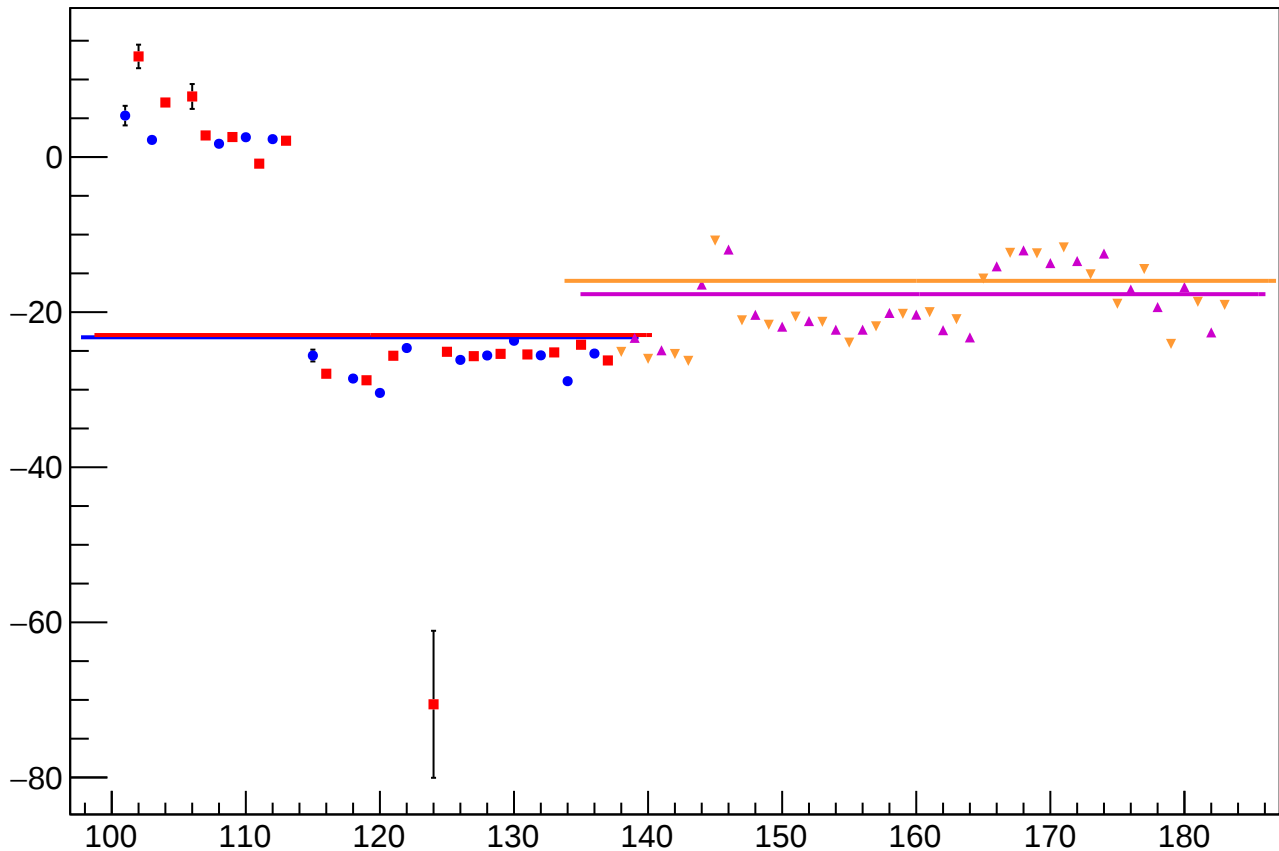
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.541 ± 0.002 $\chi^2/\text{NDF}: 10050.6/36$

Out: 0.533 ± 0.002 $\chi^2/\text{NDF}: 11325.5/41$

All: 0.537 ± 0.001 $\chi^2/\text{NDF}: 21386.1/78$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241+/-0.025 χ^2/NDF : 103102.8/14

Left Out: -15.963+/-0.011 χ^2/NDF : 188462.0/23

Right Out: -22.951+/-0.025 χ^2/NDF : 108039.1/17

Left In: -17.682+/-0.012 χ^2/NDF : 120888.4/21

Left: -16.772+/-0.008 χ^2/NDF : 320744.6/45

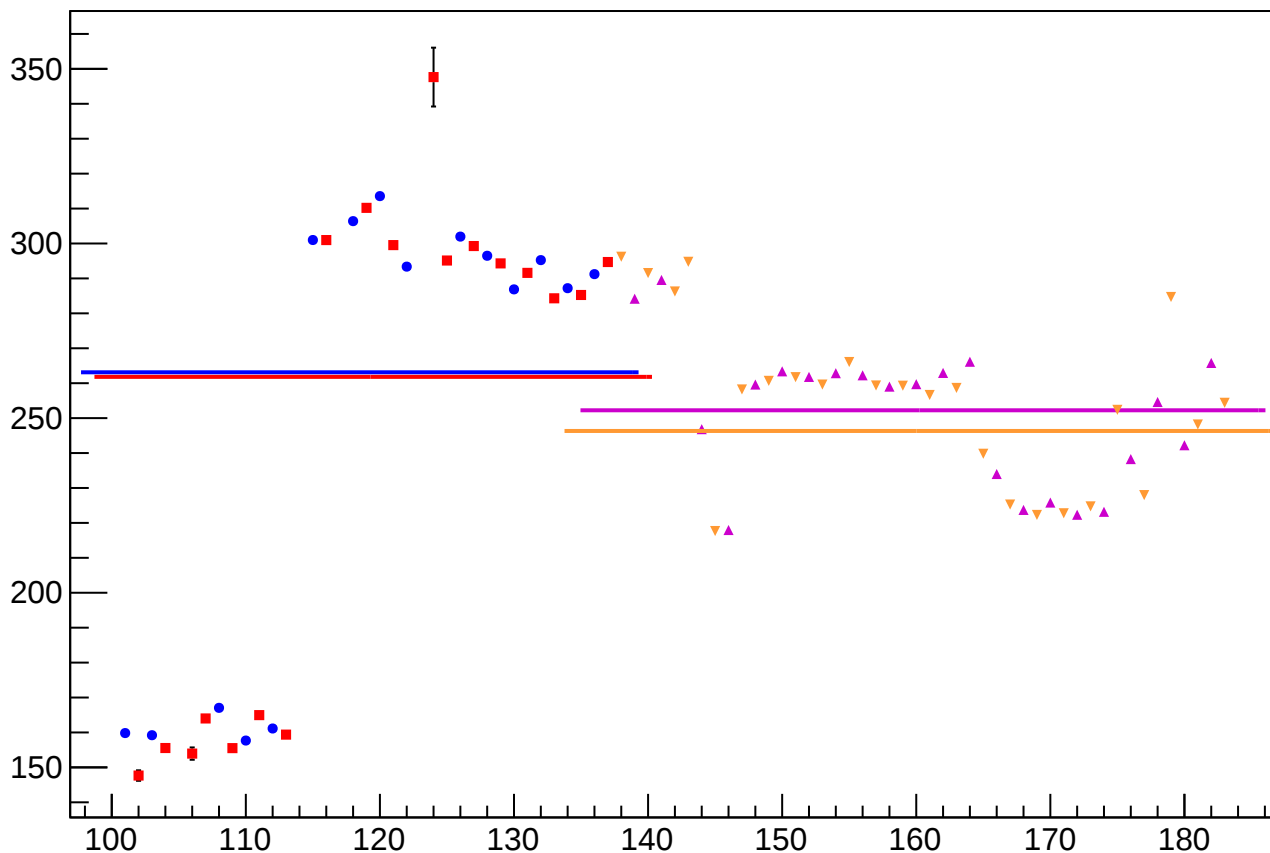
Right: -23.095+/-0.017 χ^2/NDF : 211210.7/32

In: -18.699+/-0.011 χ^2/NDF : 265167.9/36

Out: -17.128+/-0.010 χ^2/NDF : 363245.1/41

All: -17.874+/-0.007 χ^2/NDF : 639958.6/78

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.324+/-0.028 χ^2/NDF : 684790.0/23

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.242+/-0.028 χ^2/NDF : 358487.0/21

Left: 249.267+/-0.020 χ^2/NDF : 1065009.0/45

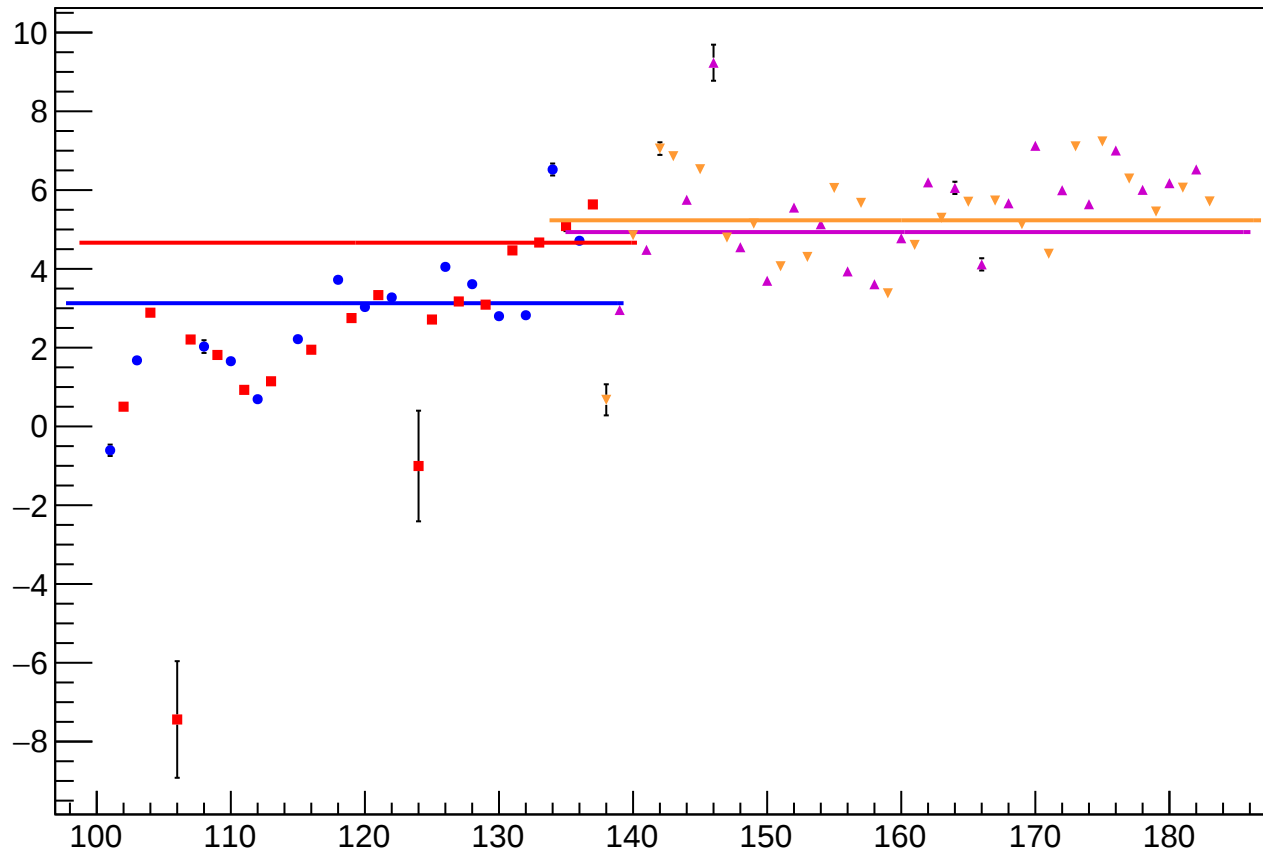
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.820+/-0.026 χ^2/NDF : 1072576.5/36

Out: 249.111+/-0.026 χ^2/NDF : 1744847.2/41

All: 251.405+/-0.018 χ^2/NDF : 2833853.6/78

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 χ^2/NDF : 5667.8/14

Left Out: 5.233 ± 0.014 χ^2/NDF : 4522.8/23

Right Out: 4.664 ± 0.006 χ^2/NDF : 66862.5/17

Left In: 4.934 ± 0.013 χ^2/NDF : 10567.4/21

Left: 5.073 ± 0.009 χ^2/NDF : 15343.0/45

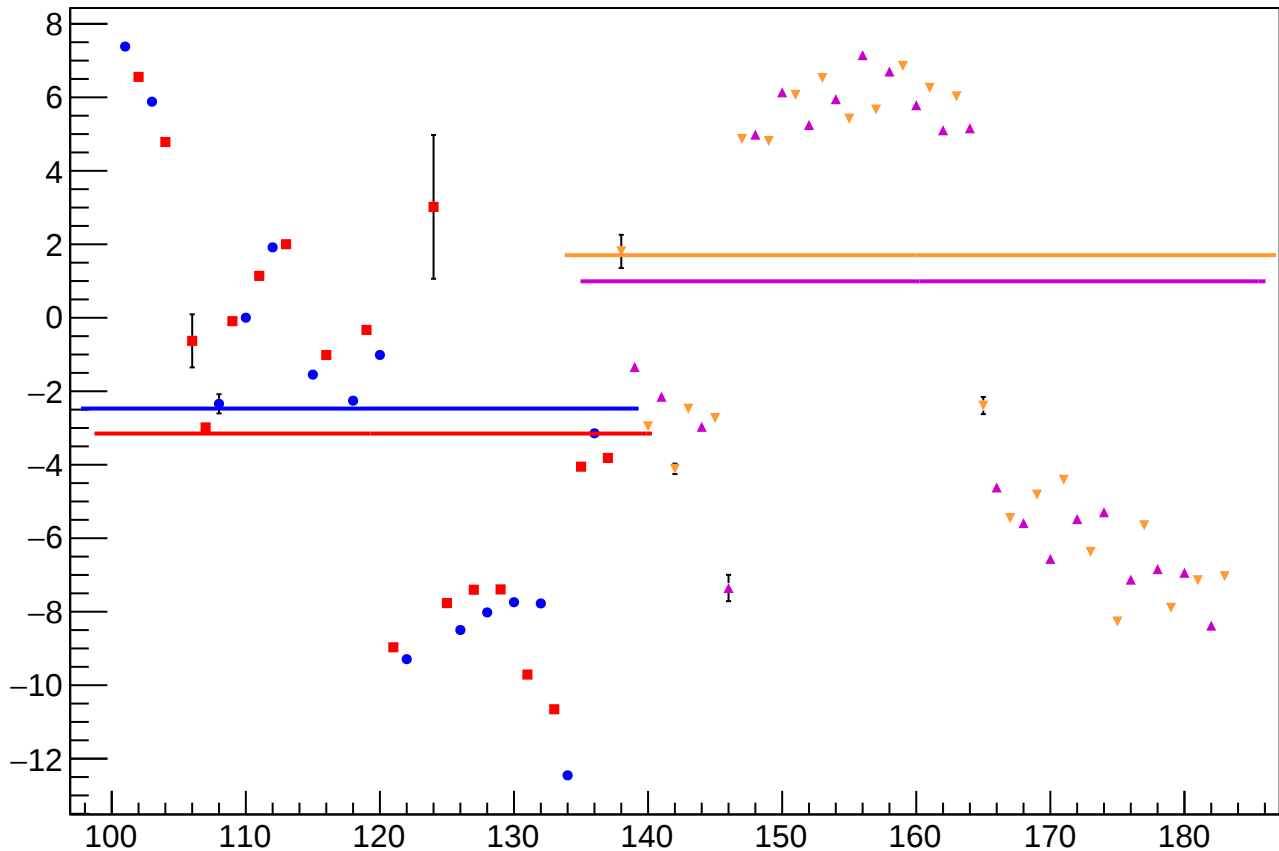
Right: 4.450 ± 0.006 χ^2/NDF : 80704.7/32

In: 4.216 ± 0.010 χ^2/NDF : 24142.1/36

Out: 4.764 ± 0.006 χ^2/NDF : 72795.4/41

All: 4.626 ± 0.005 χ^2/NDF : 99218.7/78

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.704 ± 0.011 $\chi^2/\text{NDF}: 217237.2/23$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 0.993 ± 0.011 $\chi^2/\text{NDF}: 250342.2/21$

Left: 1.338 ± 0.008 $\chi^2/\text{NDF}: 469554.2/45$

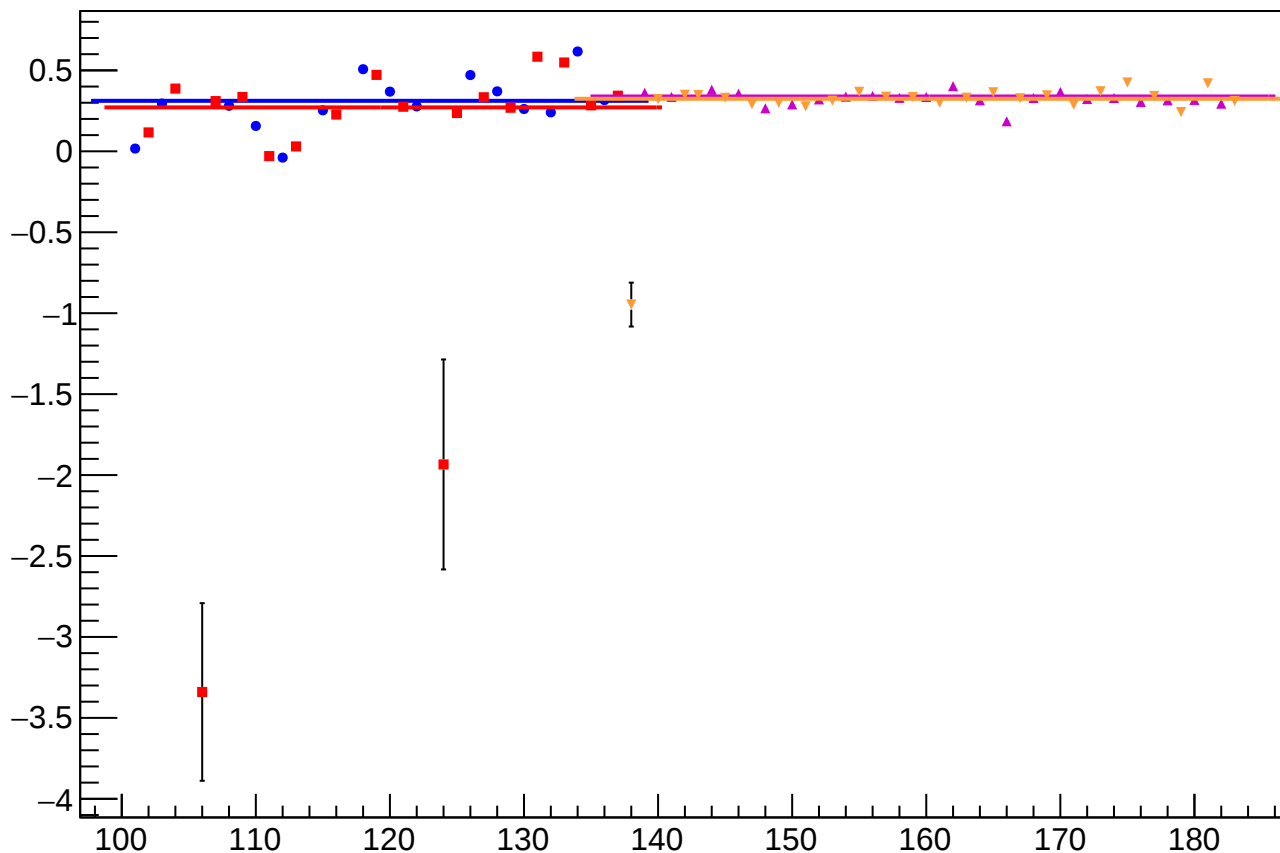
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.340 ± 0.009 $\chi^2/\text{NDF}: 530020.5/36$

Out: -1.719 ± 0.006 $\chi^2/\text{NDF}: 590498.1/41$

All: -1.254 ± 0.005 $\chi^2/\text{NDF}: 1136986.2/78$

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 $\chi^2/\text{NDF}: 2881.7/23$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.339 ± 0.001 $\chi^2/\text{NDF}: 3470.9/21$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 6669.7/45$

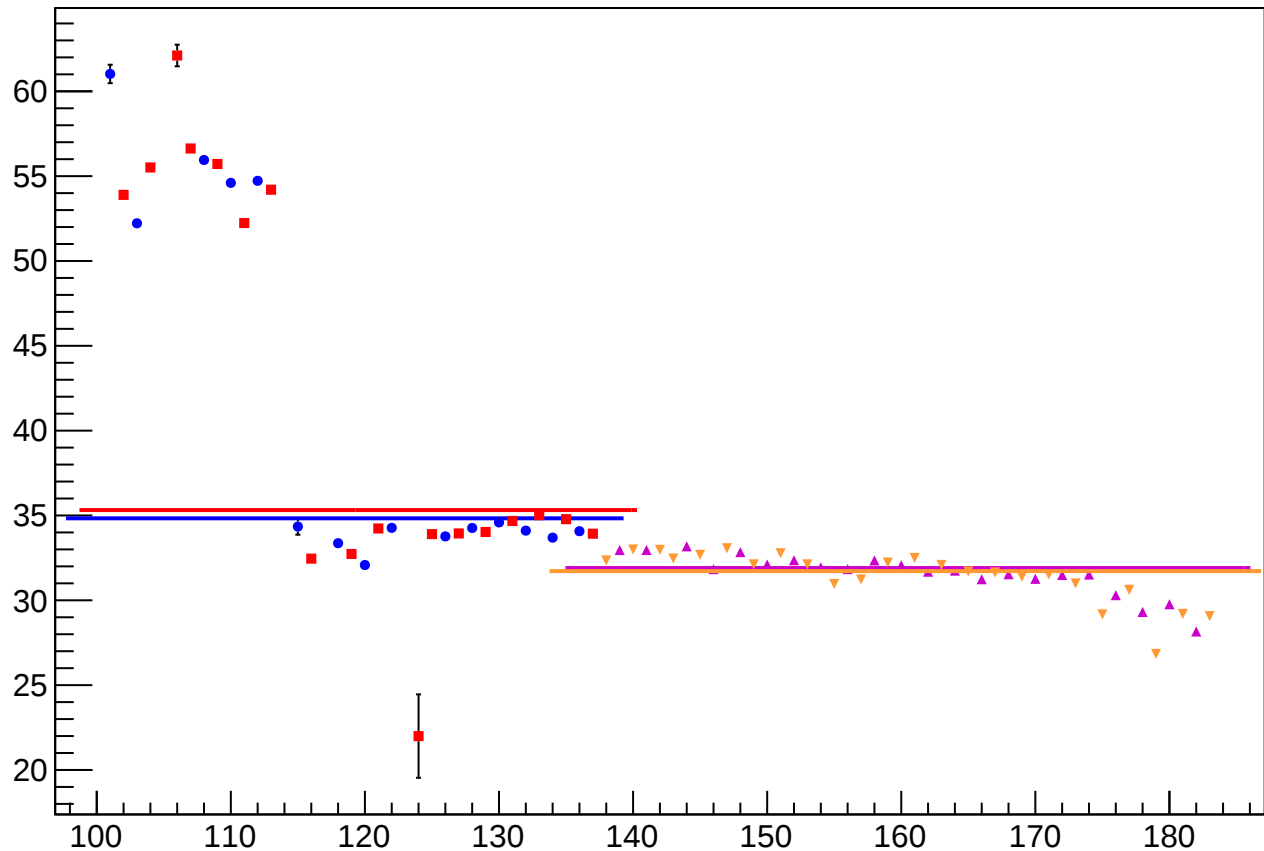
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.335 ± 0.001 $\chi^2/\text{NDF}: 5159.2/36$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9620.5/41$

All: 0.328 ± 0.000 $\chi^2/\text{NDF}: 15117.2/78$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2/NDF : 245568.8/14

Left Out: 31.721 $\pm$ 0.003 χ^2/NDF : 67512.2/23

Right Out: 35.319 $\pm$ 0.010 χ^2/NDF : 261492.0/17

Left In: 31.901 $\pm$ 0.004 χ^2/NDF : 27986.1/21

Left: 31.800 $\pm$ 0.002 χ^2/NDF : 96882.9/45

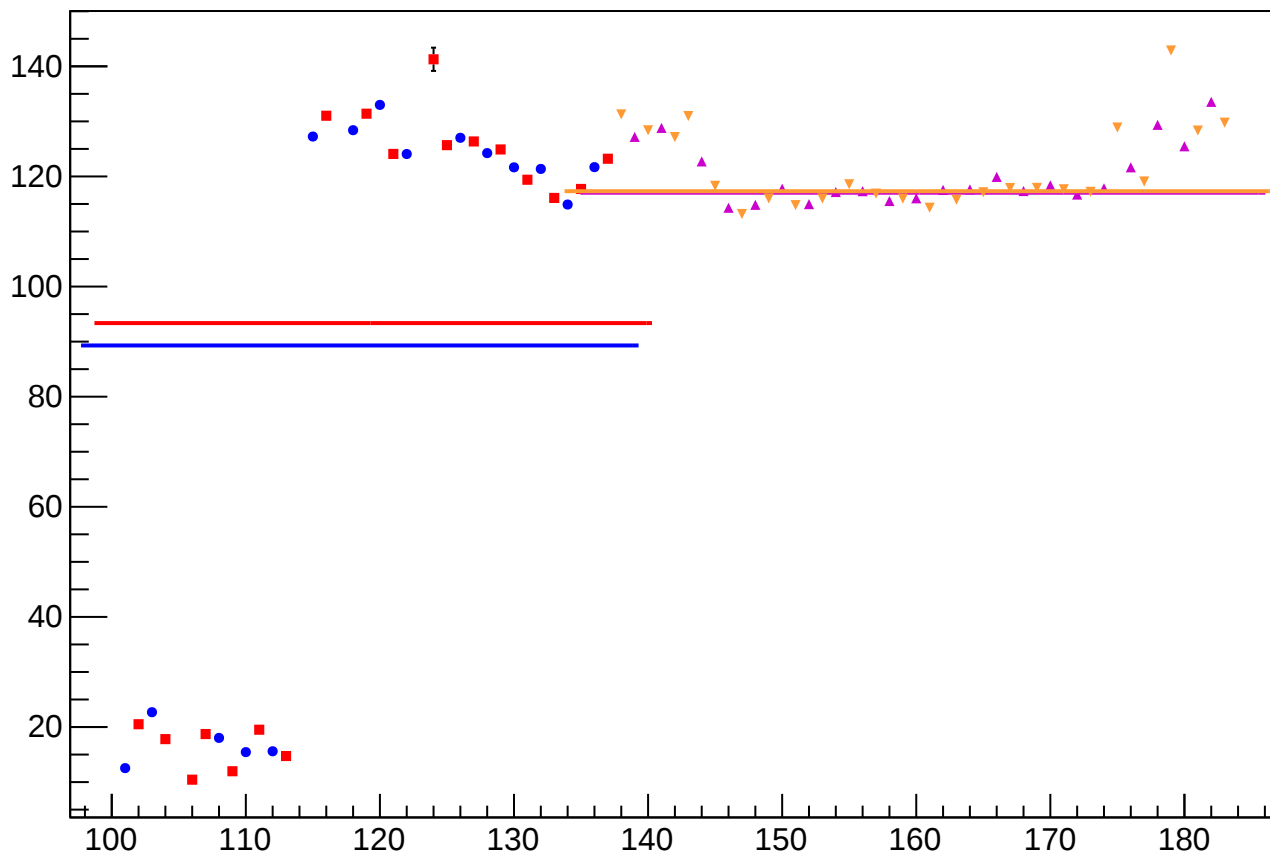
Right: 35.041 $\pm$ 0.007 χ^2/NDF : 508429.6/32

In: 32.342 $\pm$ 0.003 χ^2/NDF : 371724.1/36

Out: 32.057 $\pm$ 0.003 χ^2/NDF : 447483.2/41

All: 32.186 $\pm$ 0.002 χ^2/NDF : 823185.9/78

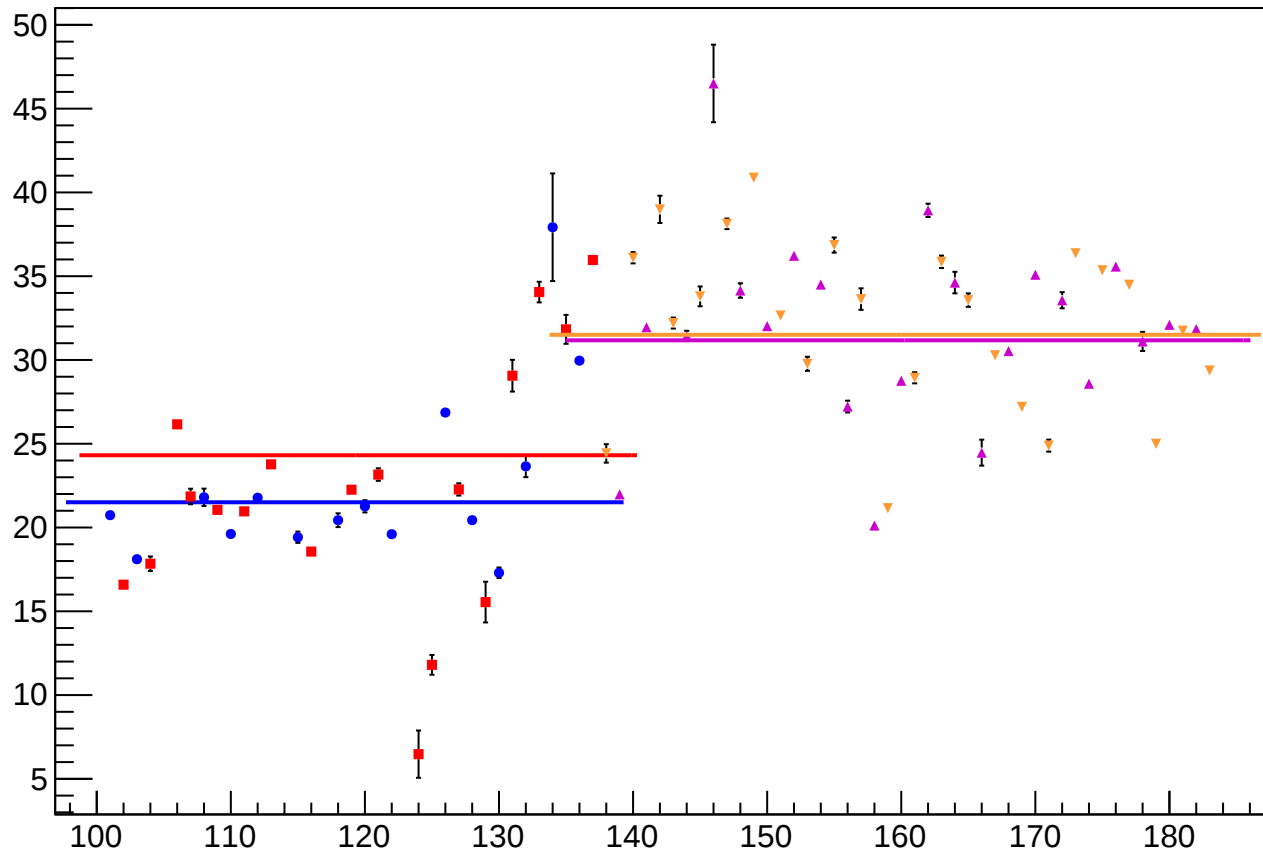
dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14
 Left Out: 117.321 $\pm$ 0.008 χ^2 /NDF:154523.8/23
 Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17
 Left In: 117.046 $\pm$ 0.009 χ^2 /NDF:57189.9/21

Left: 117.196 $\pm$ 0.006 χ^2 /NDF: 212249.2/45
 Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32
 In: 114.477 $\pm$ 0.008 χ^2 /NDF:4019431.2/36
 Out: 115.730 $\pm$ 0.008 χ^2 /NDF:3604526.6/41
 All: 115.153 $\pm$ 0.006 χ^2 /NDF: 7636116.9/78

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.503 $\pm$ 0.061 χ^2 /NDF: 6153.0/23

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.173 $\pm$ 0.058 χ^2 /NDF: 5934.2/21

Left: 31.328 $\pm$ 0.042 χ^2 /NDF: 12102.6/45

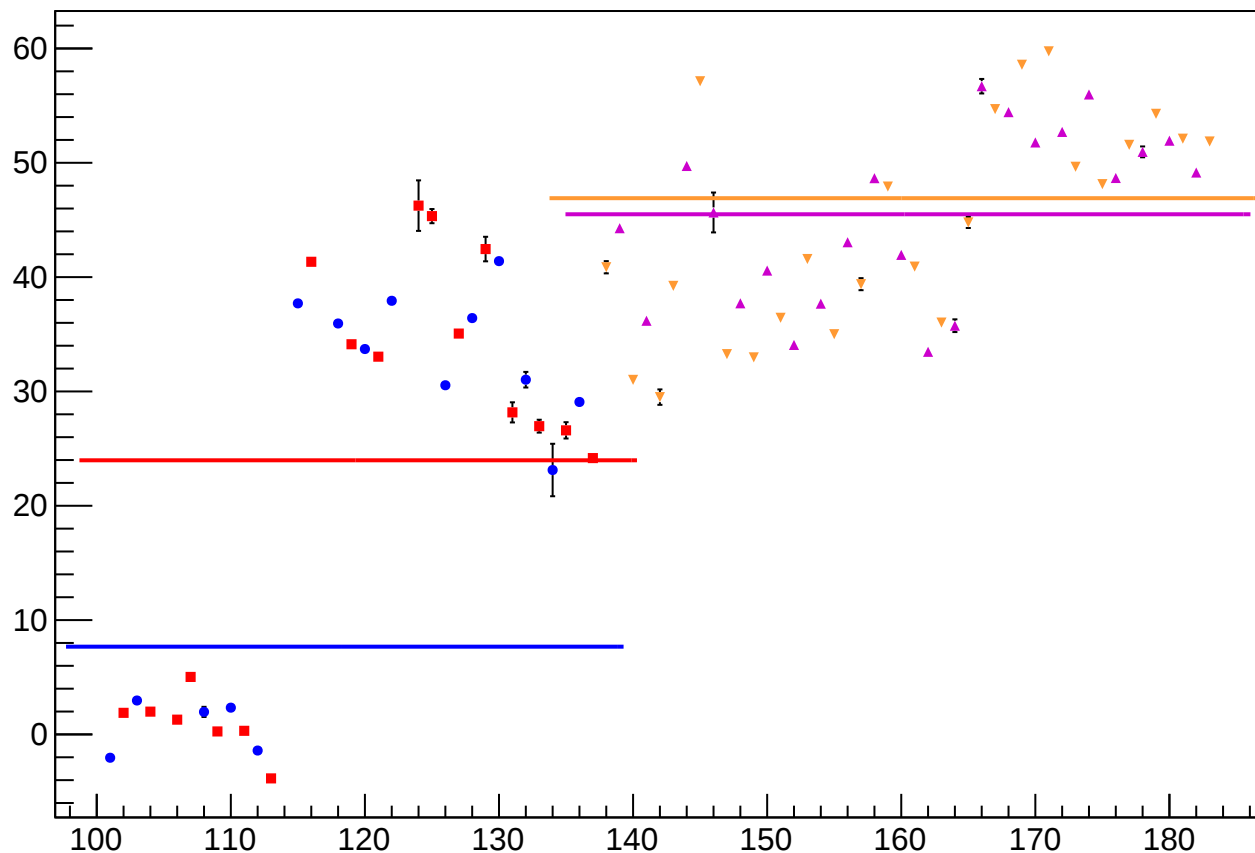
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.415 $\pm$ 0.045 χ^2 /NDF: 19815.7/36

Out: 27.744 $\pm$ 0.042 χ^2 /NDF: 27661.3/41

All: 27.590 $\pm$ 0.031 χ^2 /NDF: 47505.3/78

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.904 ± 0.051 $\chi^2/\text{NDF}: 26985.0/23$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.498 ± 0.049 $\chi^2/\text{NDF}: 18902.6/21$

Left: 46.181 ± 0.035 $\chi^2/\text{NDF}: 46281.3/45$

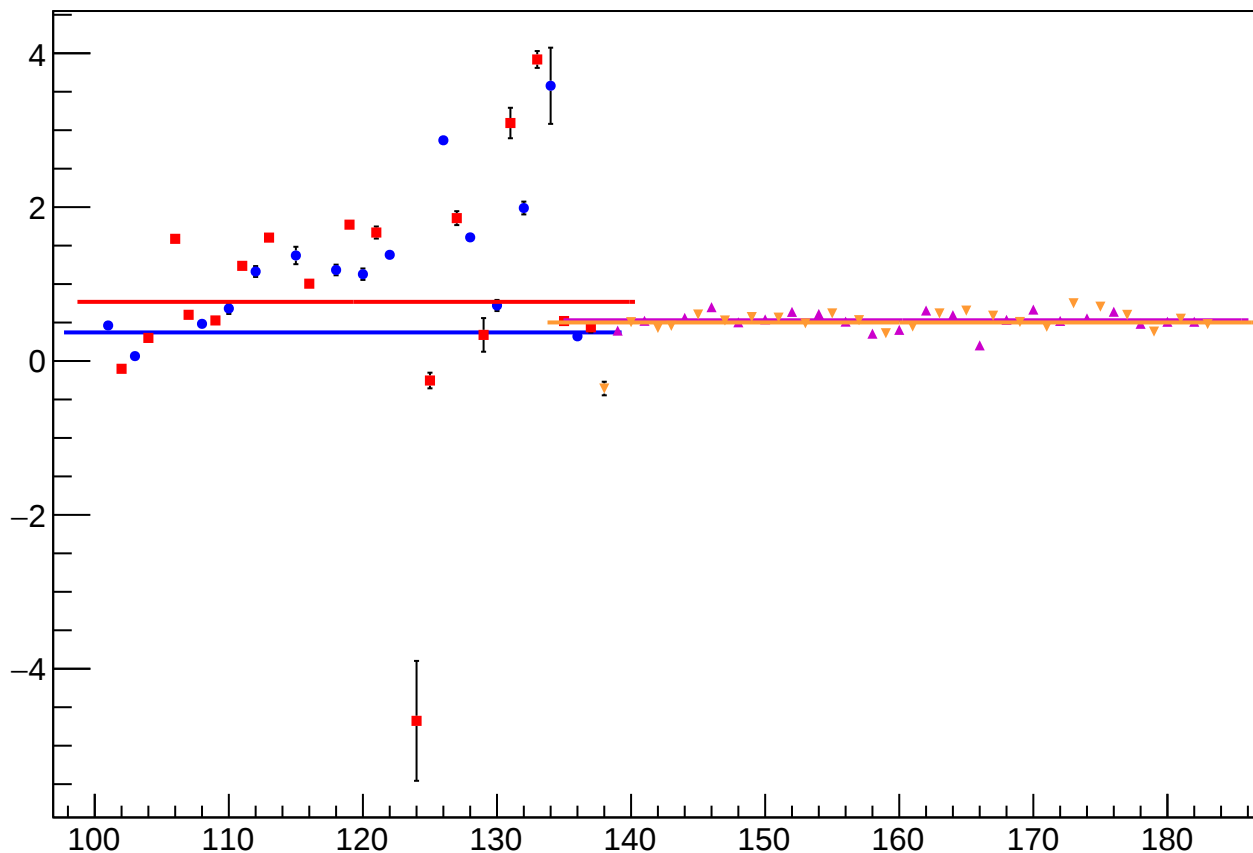
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.928 ± 0.033 $\chi^2/\text{NDF}: 434245.7/36$

Out: 24.556 ± 0.008 $\chi^2/\text{NDF}: 335701.6/41$

All: 24.576 ± 0.008 $\chi^2/\text{NDF}: 770064.8/78$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501 ± 0.001 χ^2/NDF : 15192.3/23

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.529 ± 0.001 χ^2/NDF : 12521.4/21

Left: 0.517 ± 0.001 χ^2/NDF : 28233.2/45

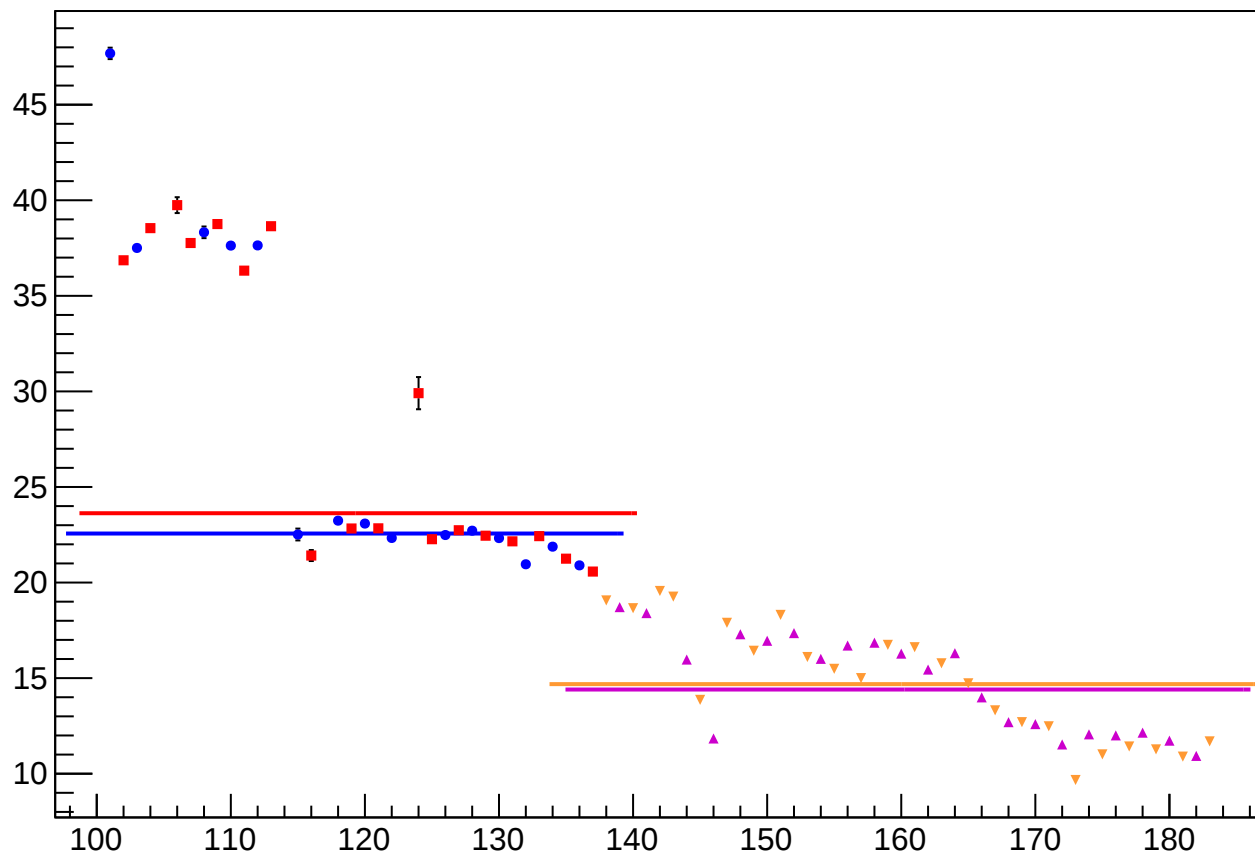
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.524 ± 0.001 χ^2/NDF : 18535.3/36

Out: 0.506 ± 0.001 χ^2/NDF : 20793.5/41

All: 0.516 ± 0.001 χ^2/NDF : 39549.7/78

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 14.686 $\pm$ 0.005 χ^2 /NDF: 312569.2/23

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 14.403 $\pm$ 0.006 χ^2 /NDF: 204146.0/21

Left: 14.552 $\pm$ 0.004 χ^2 /NDF: 518090.7/45

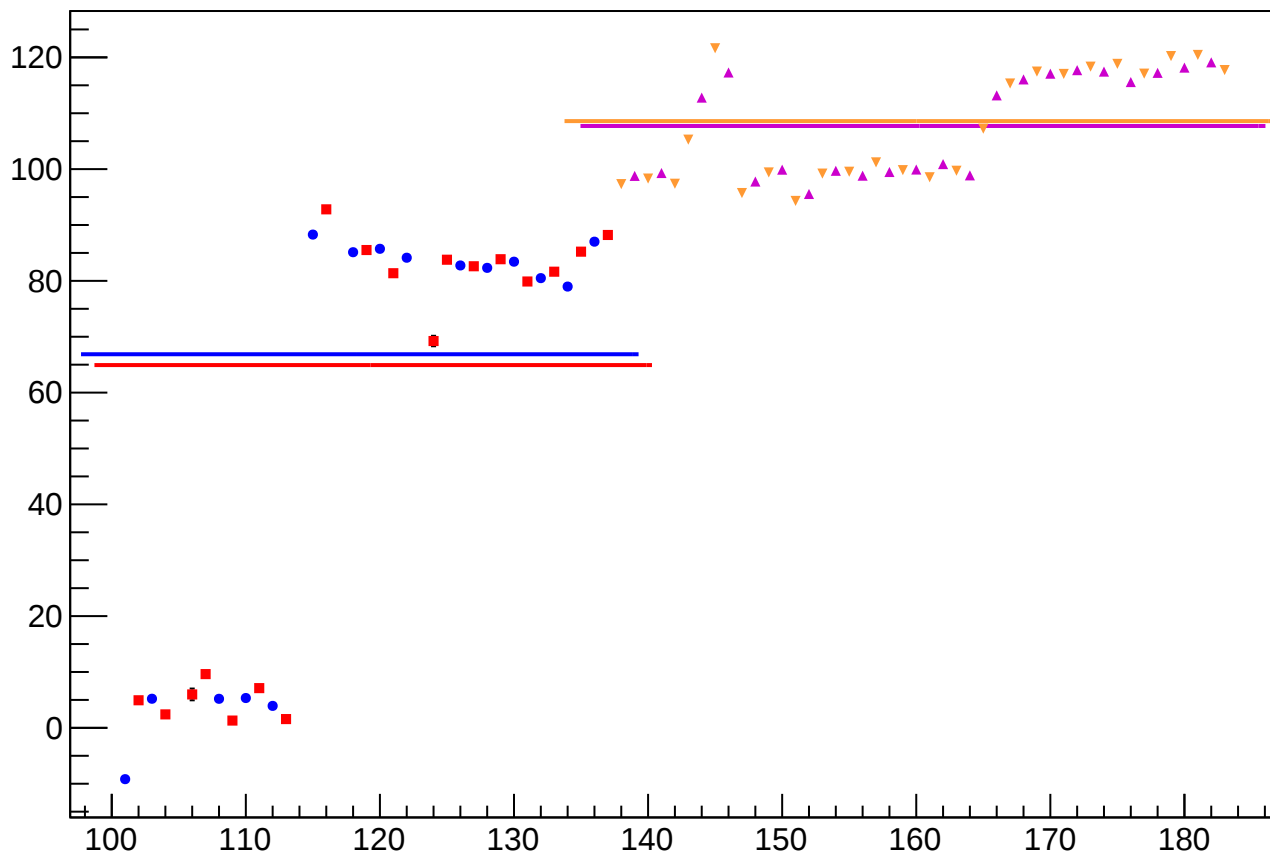
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 16.263 $\pm$ 0.005 χ^2 /NDF: 793903.5/36

Out: 16.293 $\pm$ 0.005 χ^2 /NDF: 956496.2/41

All: 16.278 $\pm$ 0.003 χ^2 /NDF: 1750418.3/78

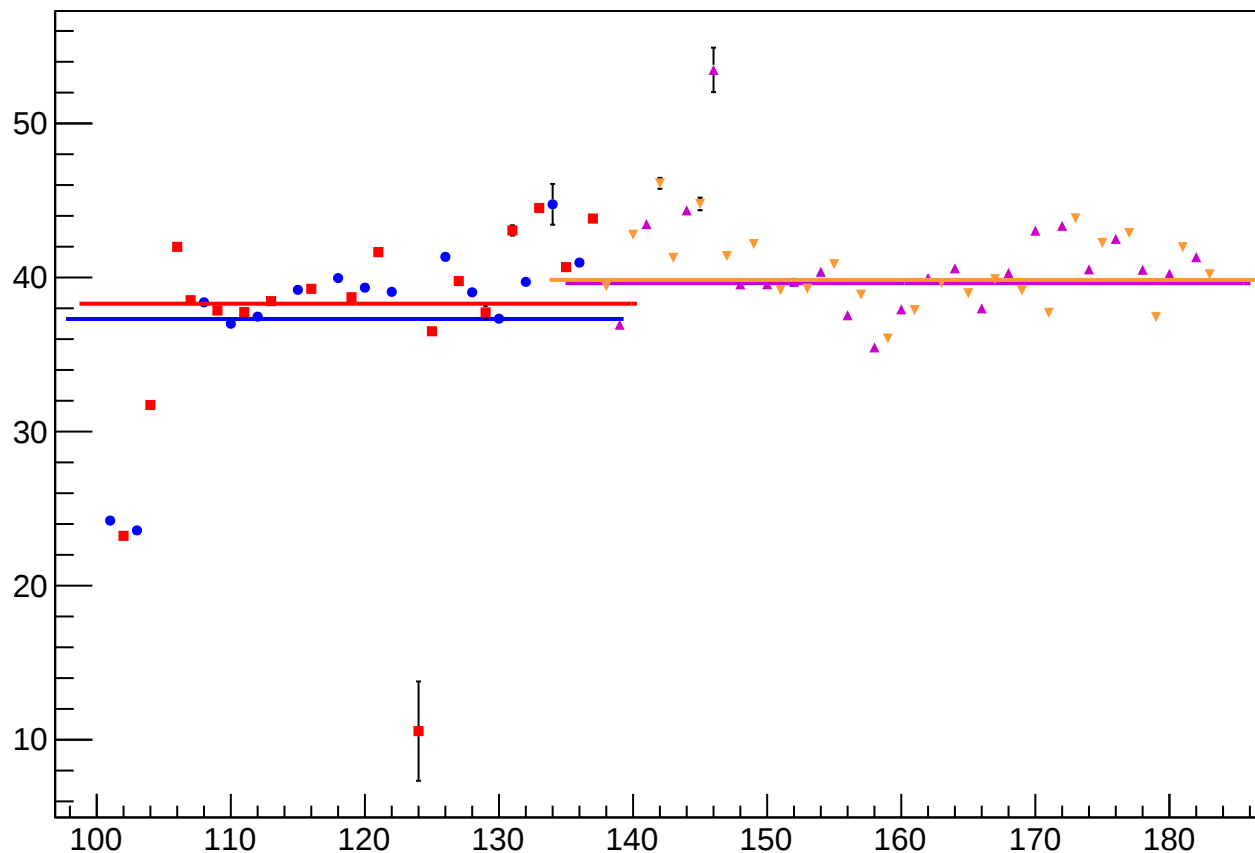
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 108.593 $\pm$ 0.010 χ^2 /NDF:1006055.5/23
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 107.719 $\pm$ 0.010 χ^2 /NDF:898602.0/21

Left: 108.157 $\pm$ 0.007 χ^2 /NDF: 1908767.9/45
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 103.115 $\pm$ 0.009 χ^2 /NDF:4415173.6/36
 Out: 104.453 $\pm$ 0.009 χ^2 /NDF:4293424.8/41
 All: 103.779 $\pm$ 0.006 χ^2 /NDF: 8719360.3/78

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.845 ± 0.027 $\chi^2/\text{NDF}: 6861.7/23$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.637 ± 0.023 $\chi^2/\text{NDF}: 8730.6/21$

Left: 39.724 ± 0.018 $\chi^2/\text{NDF}: 15626.3/45$

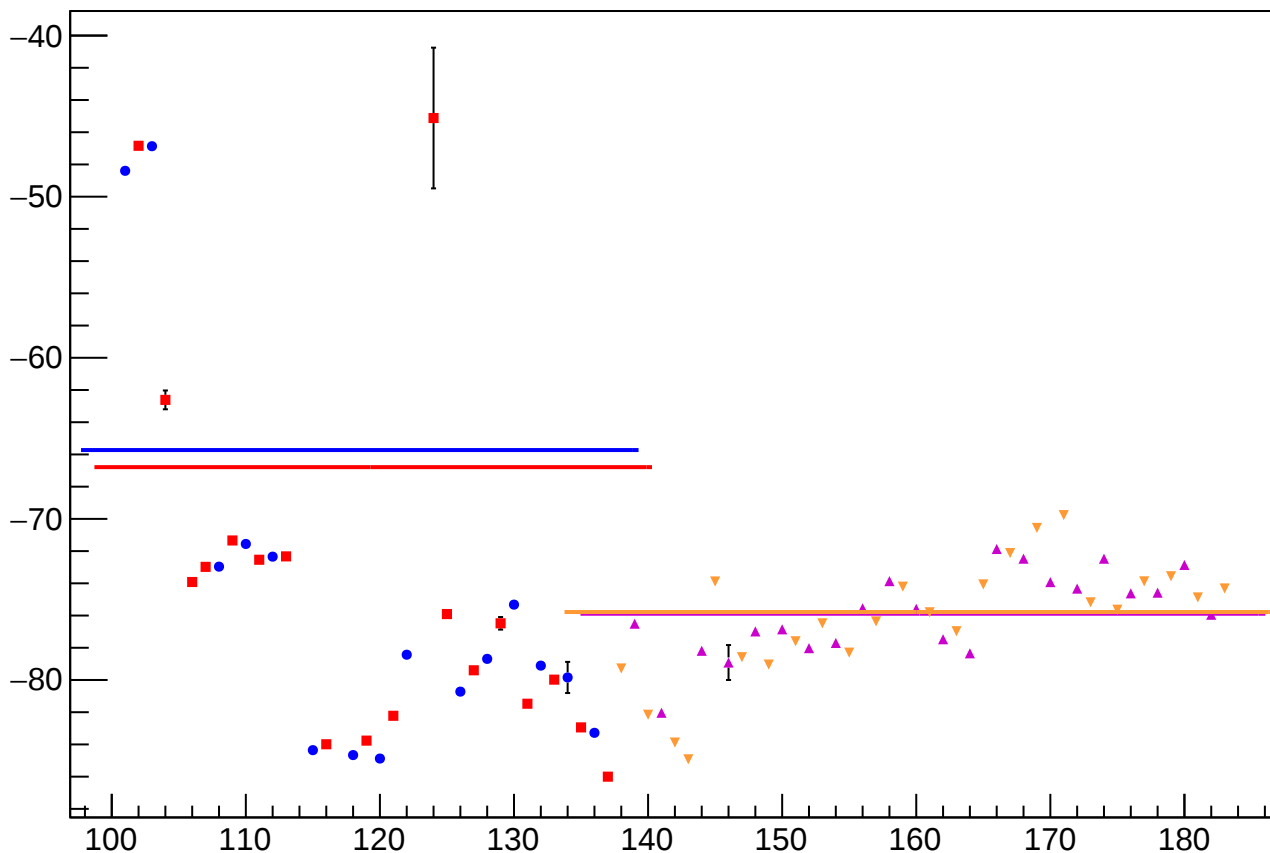
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.469 ± 0.016 $\chi^2/\text{NDF}: 73387.1/36$

Out: 38.860 ± 0.016 $\chi^2/\text{NDF}: 27757.3/41$

All: 38.664 ± 0.012 $\chi^2/\text{NDF}: 101429.3/78$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -75.781 $\pm$ 0.022 χ^2 /NDF:23682.8/23

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -75.888 $\pm$ 0.019 χ^2 /NDF:11925.3/21

Left: -75.841 $\pm$ 0.014 χ^2 /NDF: 35621.8/45

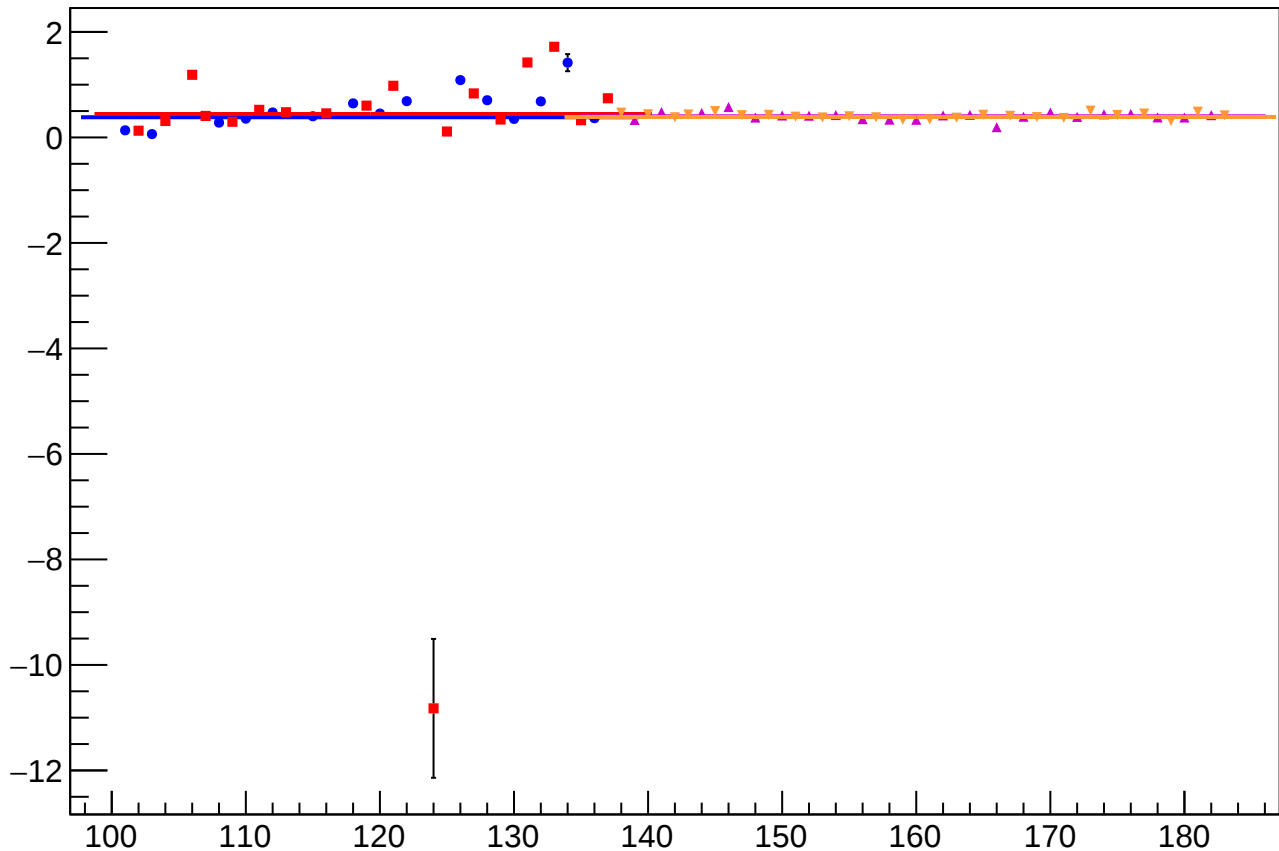
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -70.139 $\pm$ 0.013 χ^2 /NDF:1072870.9/36

Out: -69.881 $\pm$ 0.013 χ^2 /NDF:944362.0/41

All: -70.012 $\pm$ 0.009 χ^2 /NDF: 2017438.4/78

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.388+/-0.000 χ^2/NDF :10603.9/23

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.401+/-0.000 χ^2/NDF :8532.1/21

Left: 0.395+/-0.000 χ^2/NDF : 19518.9/45

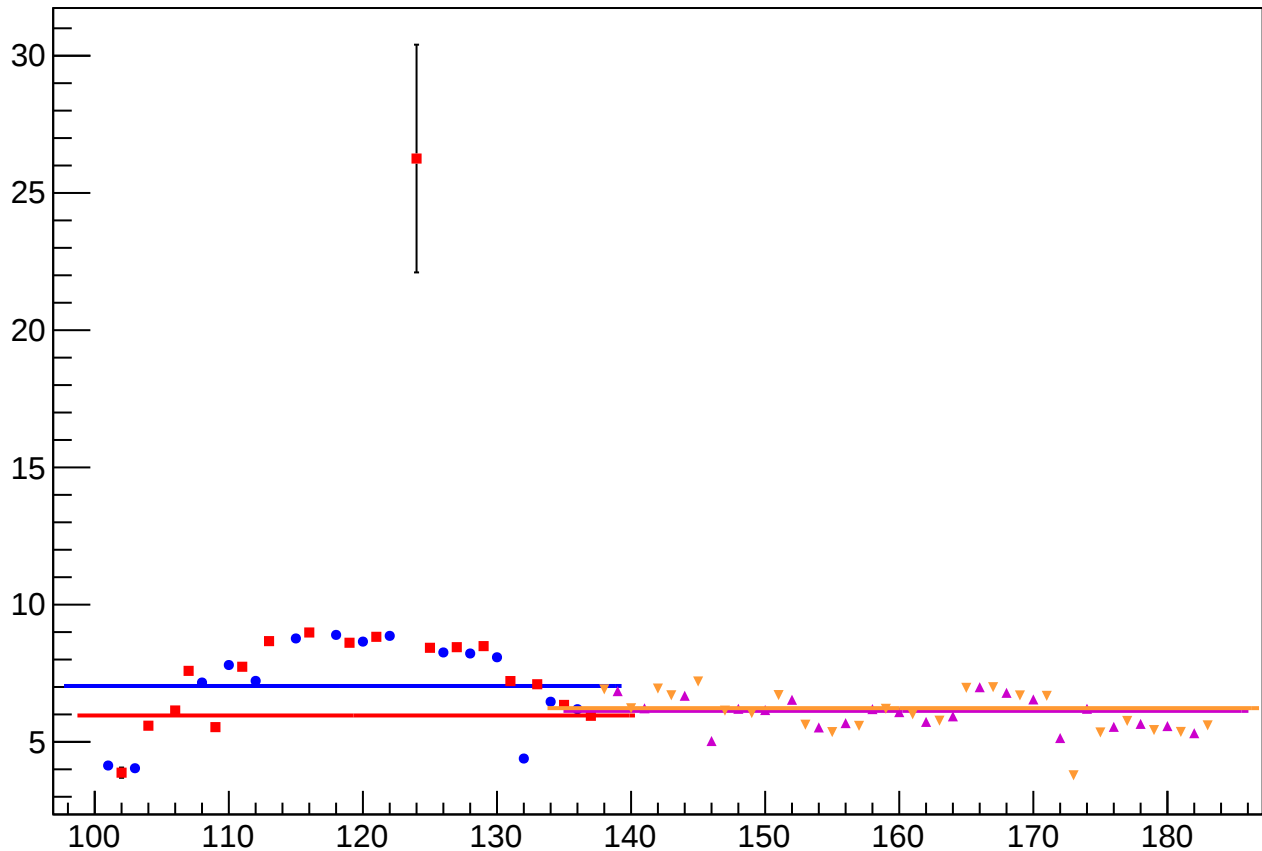
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.400+/-0.000 χ^2/NDF :16794.7/36

Out: 0.389+/-0.000 χ^2/NDF :13620.5/41

All: 0.395+/-0.000 χ^2/NDF : 30702.0/78

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.229+/-0.002 χ^2/NDF : 118000.3/23

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.130+/-0.002 χ^2/NDF : 55690.3/21

Left: 6.179+/-0.001 χ^2/NDF : 175825.8/45

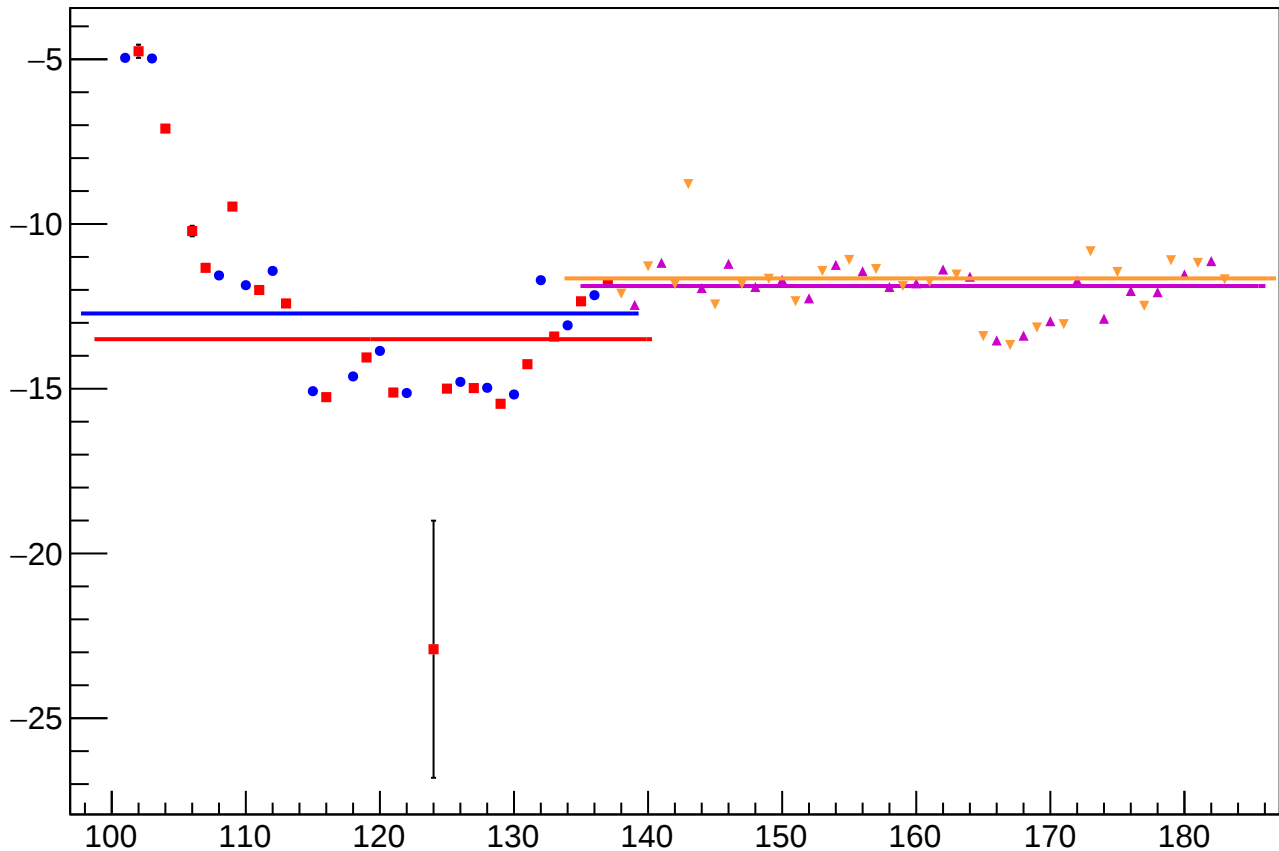
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.221+/-0.001 χ^2/NDF : 161740.4/36

Out: 5.980+/-0.000 χ^2/NDF : 315182.7/41

All: 5.997+/-0.000 χ^2/NDF : 503267.5/78

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: 344023.2/23

Right Out: -13.496 $\pm$ 0.006 χ^2 /NDF: 55753.8/17

Left In: -11.882 $\pm$ 0.002 χ^2 /NDF: 66523.4/21

Left: -11.766 $\pm$ 0.001 χ^2 /NDF: 416666.3/45

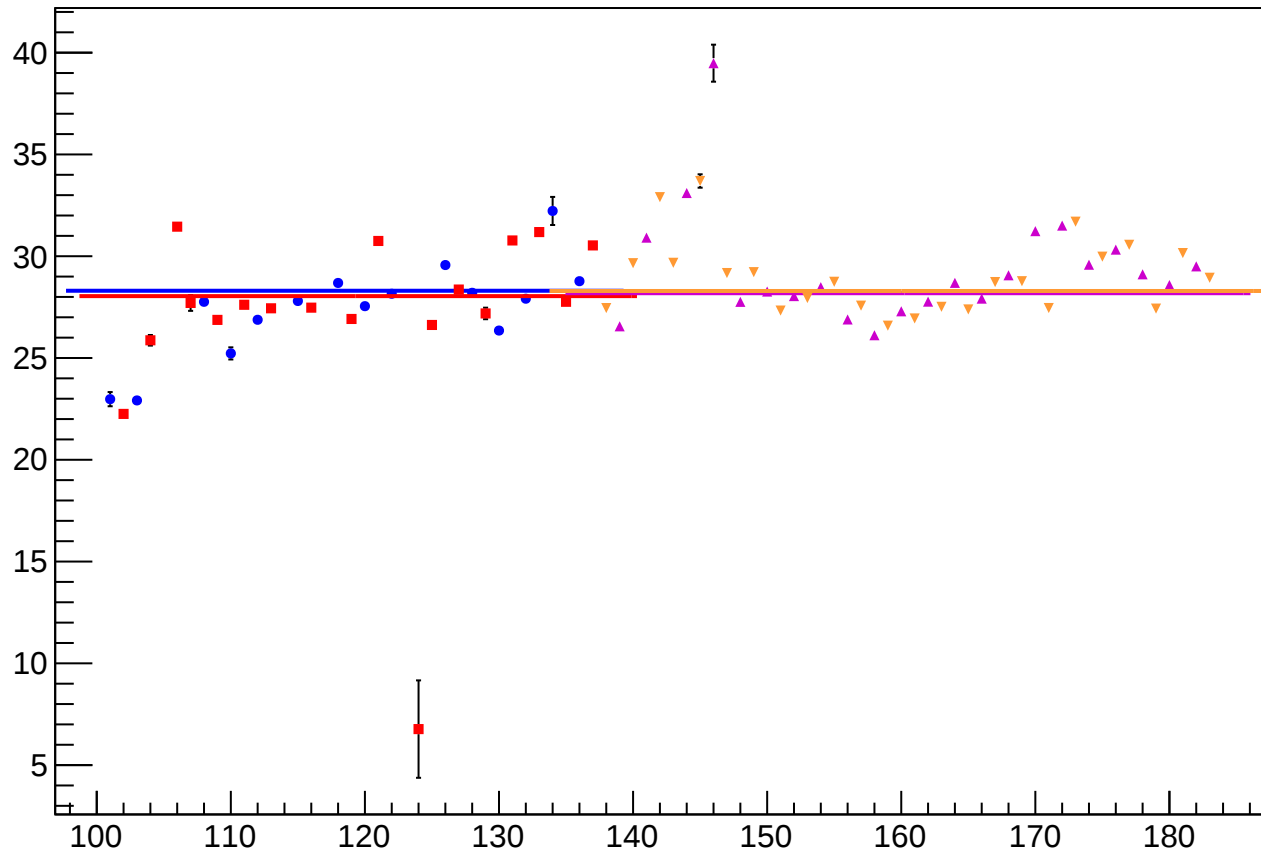
Right: -13.142 $\pm$ 0.004 χ^2 /NDF: 149153.5/32

In: -11.964 $\pm$ 0.002 χ^2 /NDF: 167132.1/36

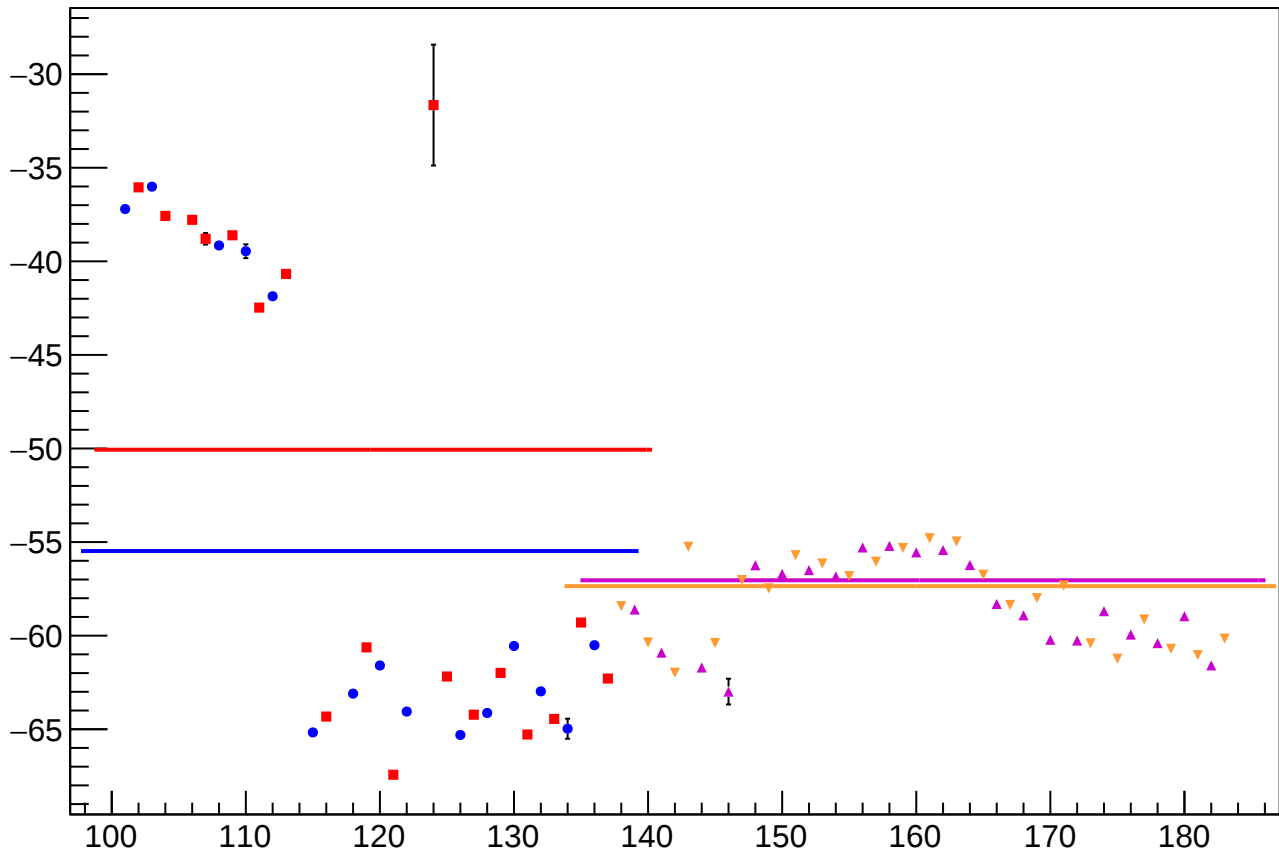
Out: -11.861 $\pm$ 0.002 χ^2 /NDF: 489112.1/41

All: -11.911 $\pm$ 0.001 χ^2 /NDF: 657604.1/78

dit_sam8_4aX_slope vs Slug, Sign Corrected



dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.355 ± 0.014 χ^2/NDF : 22950.8/23

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -57.042 ± 0.013 χ^2/NDF : 19296.1/21

Left: -57.178 ± 0.010 χ^2/NDF : 42509.8/45

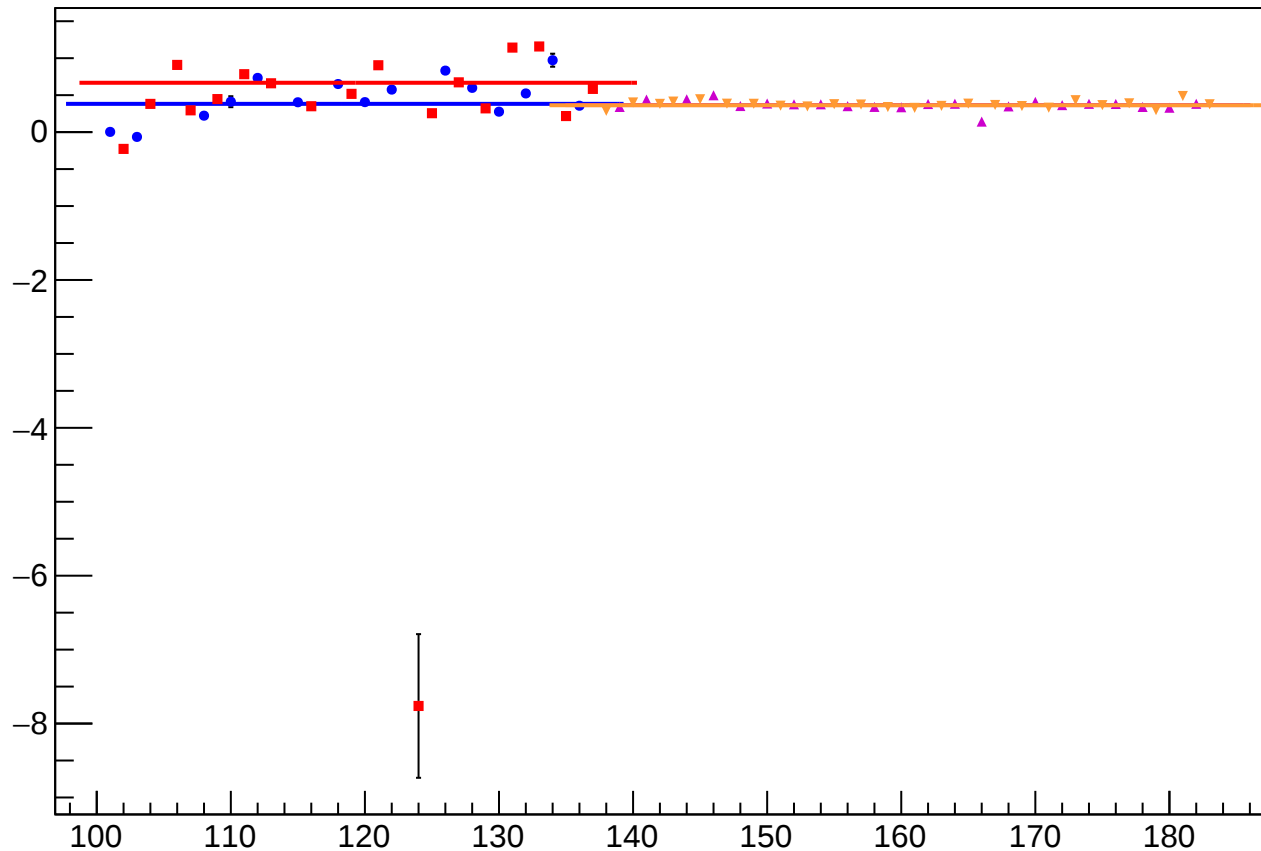
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.460 ± 0.010 χ^2/NDF : 620017.3/36

Out: -55.299 ± 0.012 χ^2/NDF : 434384.5/41

All: -55.991 ± 0.008 χ^2/NDF : 1059735.9/78

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.364 ± 0.000 χ^2/NDF : 8225.1/23

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.366 ± 0.000 χ^2/NDF : 6048.6/21

Left: 0.365 ± 0.000 χ^2/NDF : 14300.2/45

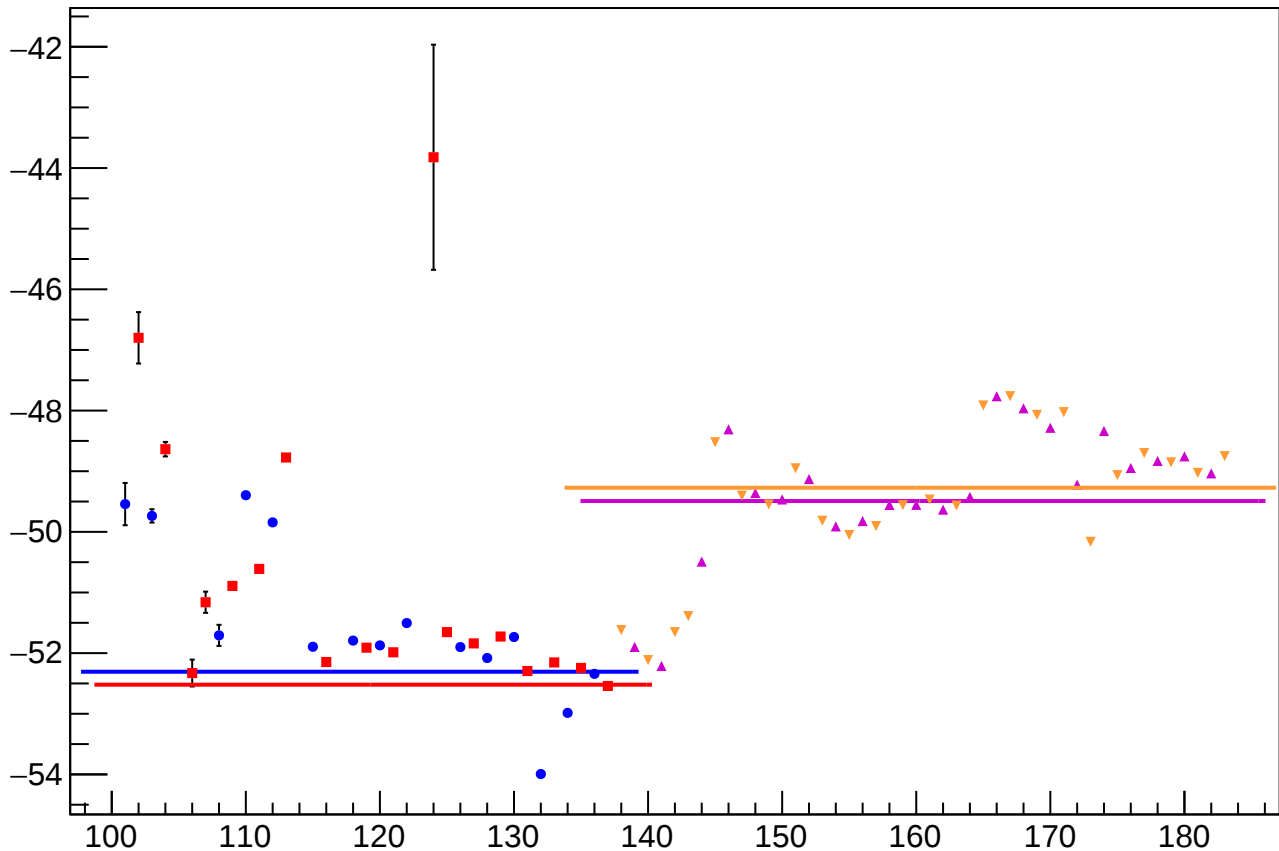
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10742.1/36

Out: 0.365 ± 0.000 χ^2/NDF : 16260.8/41

All: 0.366 ± 0.000 χ^2/NDF : 27012.8/78

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.272 $\pm$ 0.001 χ^2 /NDF: 512046.5/23

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.491 $\pm$ 0.001 χ^2 /NDF: 430461.3/21

Left: -49.380 $\pm$ 0.001 χ^2 /NDF: 954978.4/45

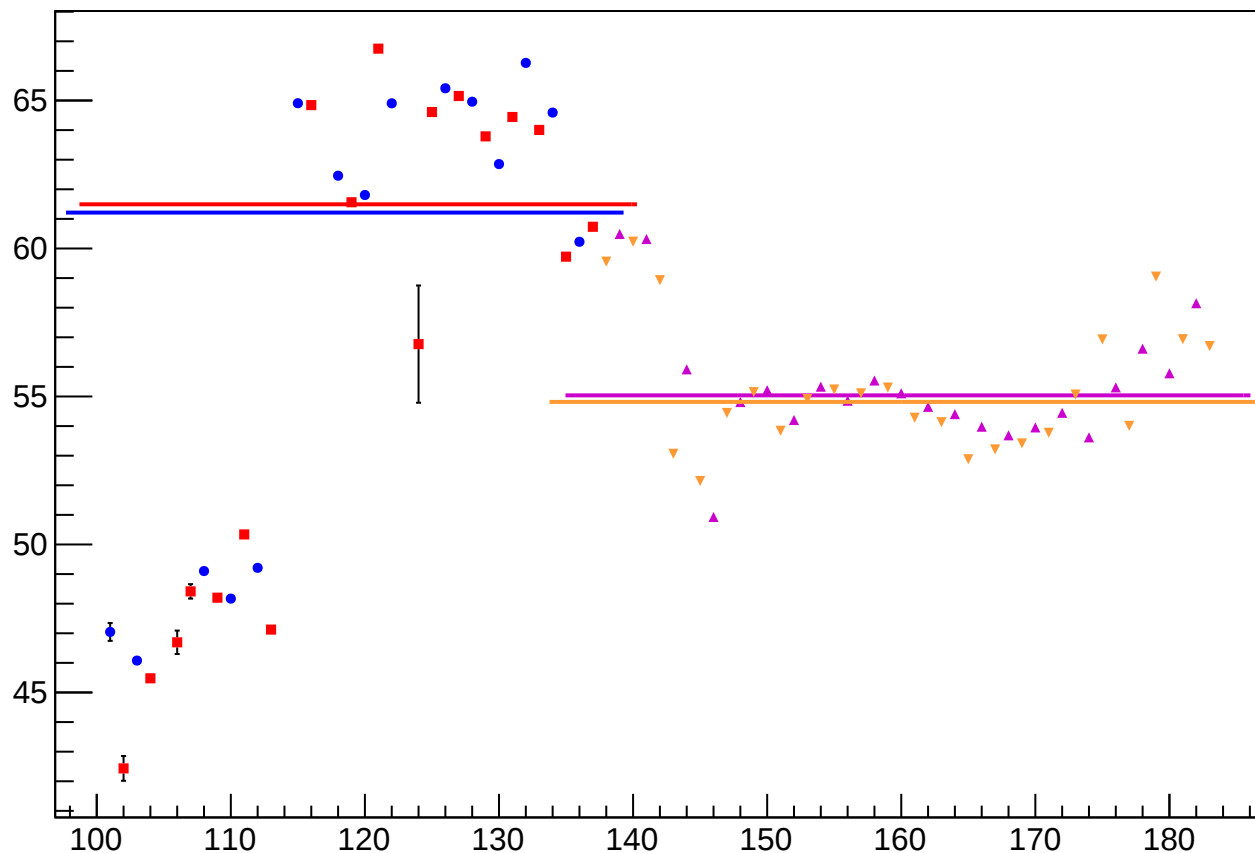
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.816 $\pm$ 0.001 χ^2 /NDF: 921516.4/36

Out: -51.248 $\pm$ 0.001 χ^2 /NDF: 3924933.1/41

All: -50.820 $\pm$ 0.001 χ^2 /NDF: 5674444.0/78

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.816 ± 0.003 $\chi^2/\text{NDF}: 269519.2/23$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.038 ± 0.003 $\chi^2/\text{NDF}: 85514.1/21$

Left: 54.938 ± 0.002 $\chi^2/\text{NDF}: 357729.9/45$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.513 ± 0.003 $\chi^2/\text{NDF}: 599240.9/36$

Out: 56.028 ± 0.003 $\chi^2/\text{NDF}: 1321647.2/41$

All: 55.761 ± 0.002 $\chi^2/\text{NDF}: 1937696.8/78$

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

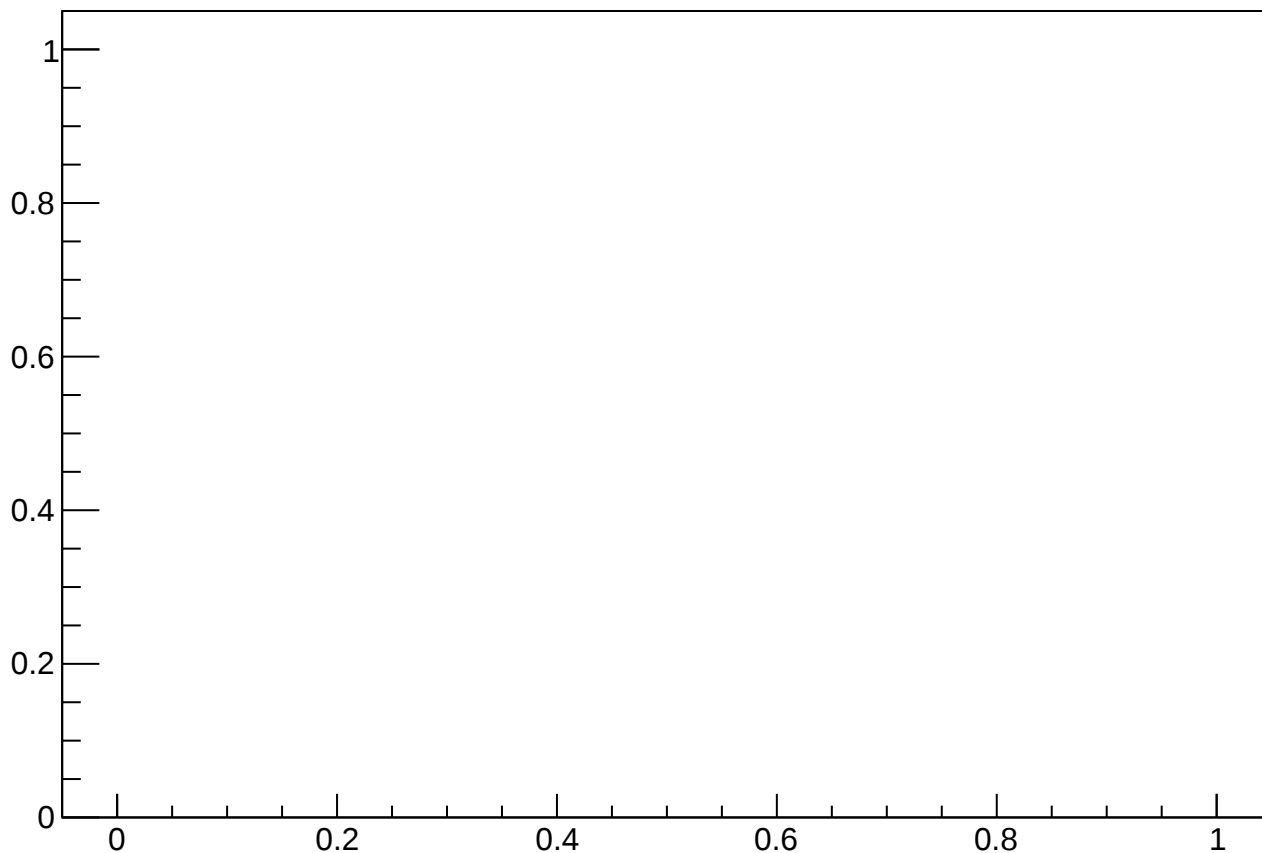
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

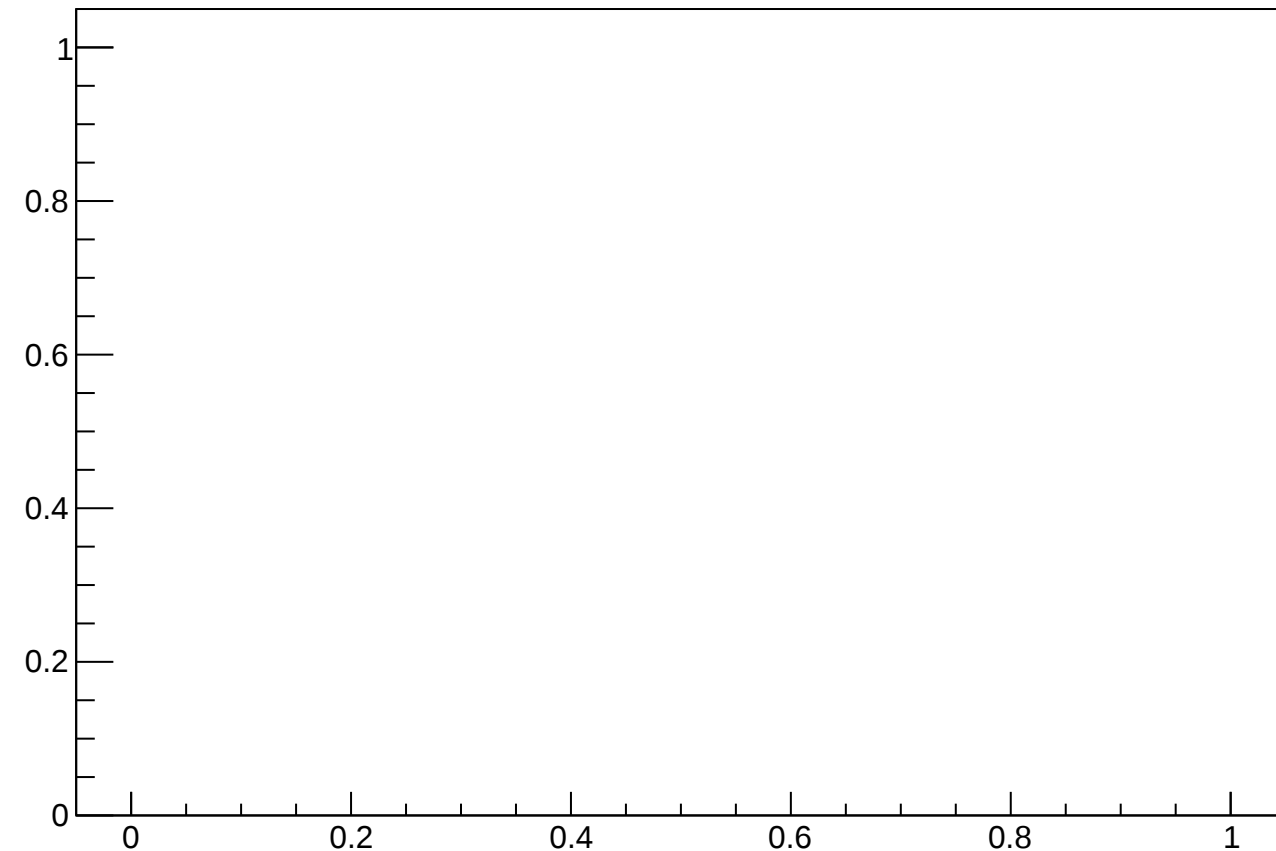
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

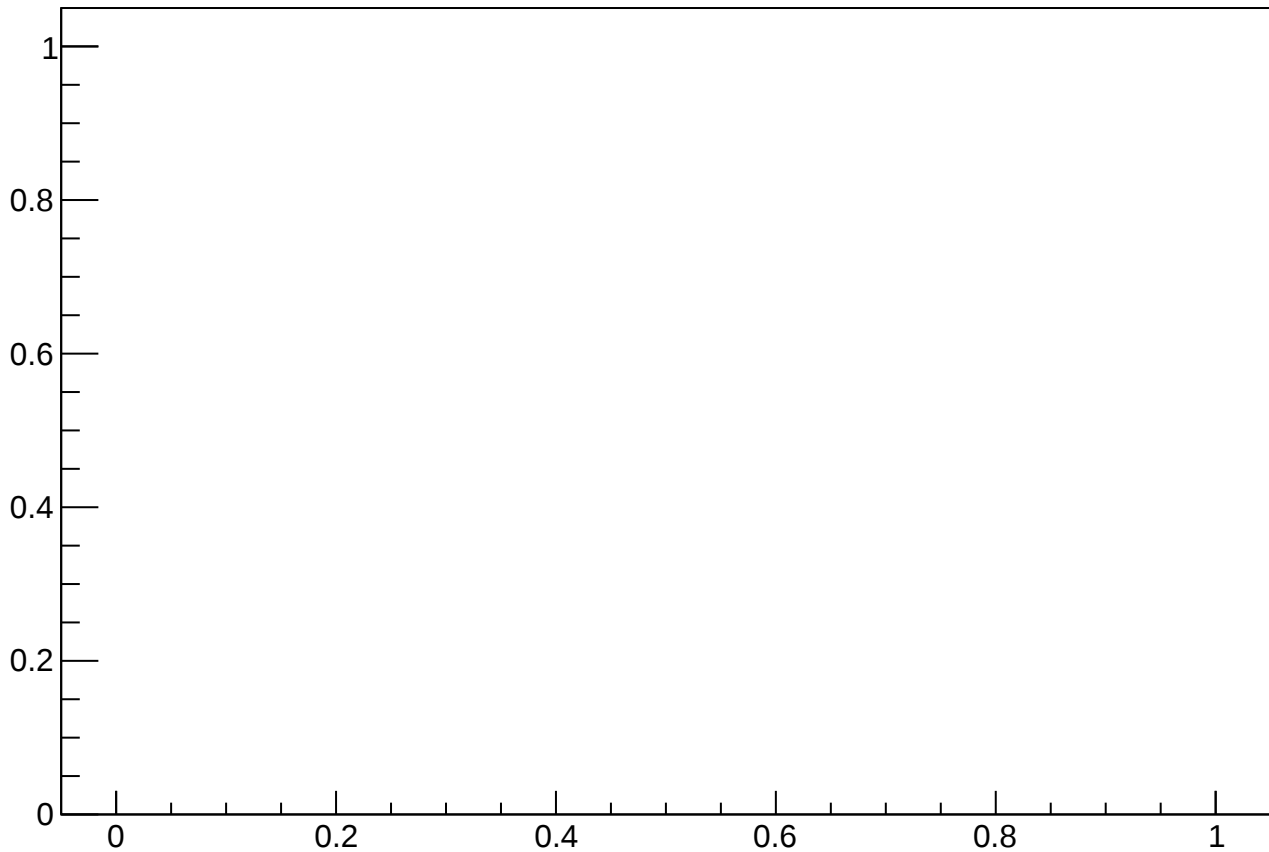
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

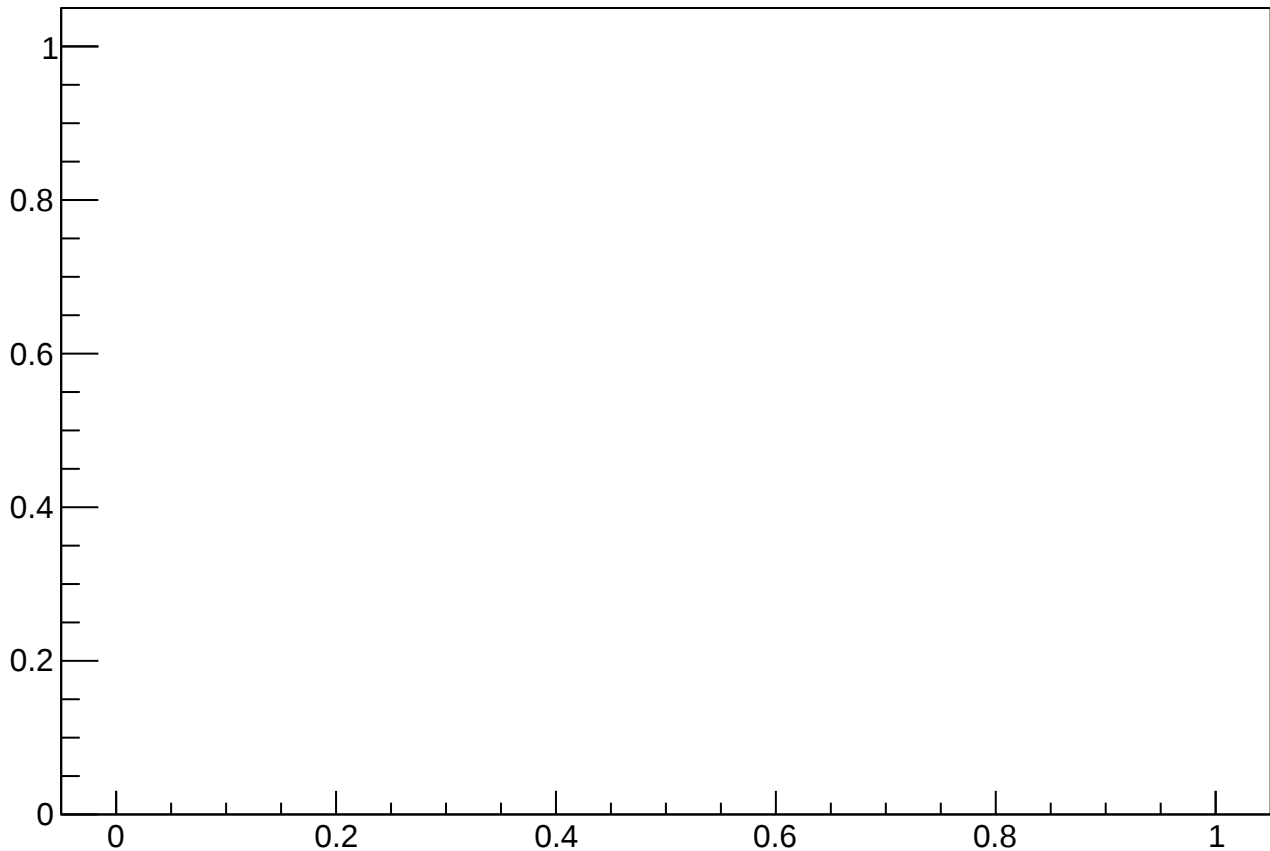
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

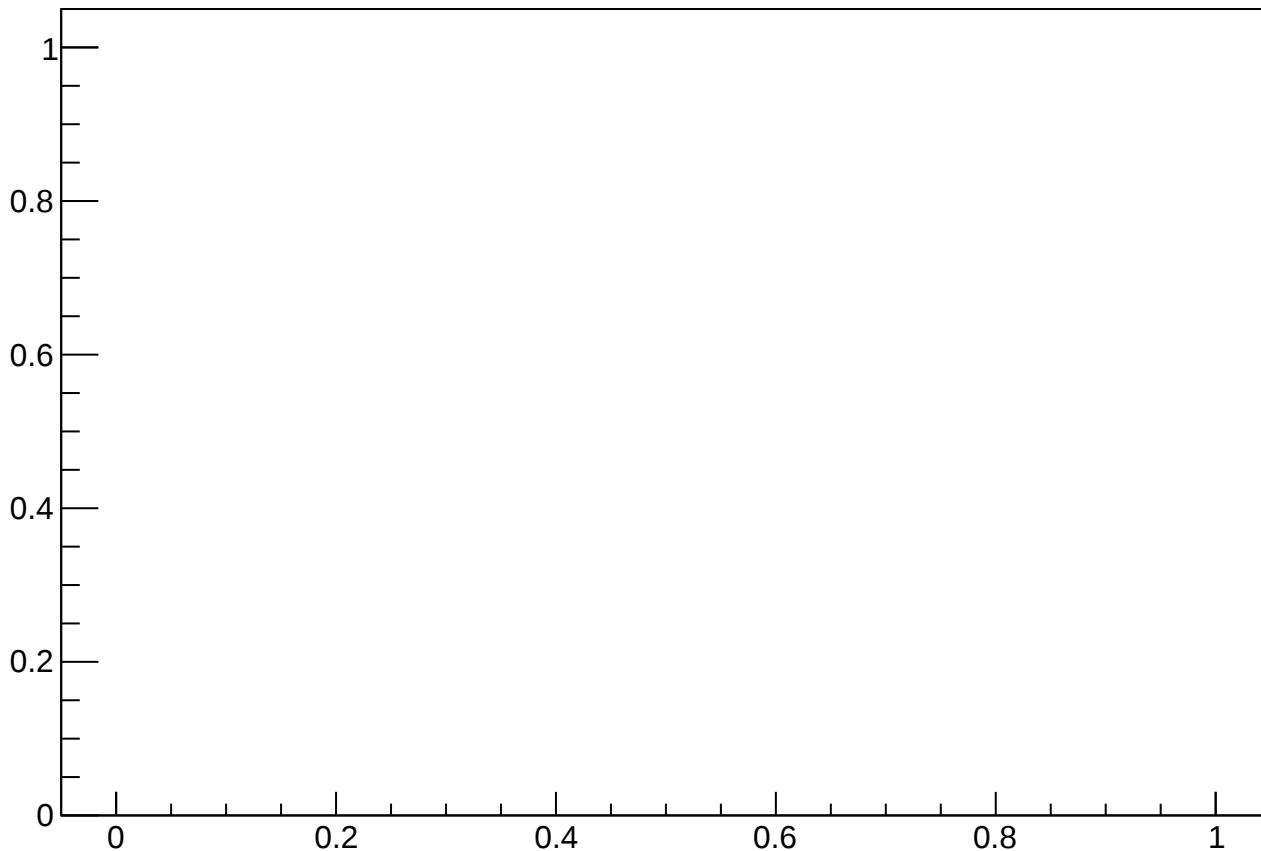
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

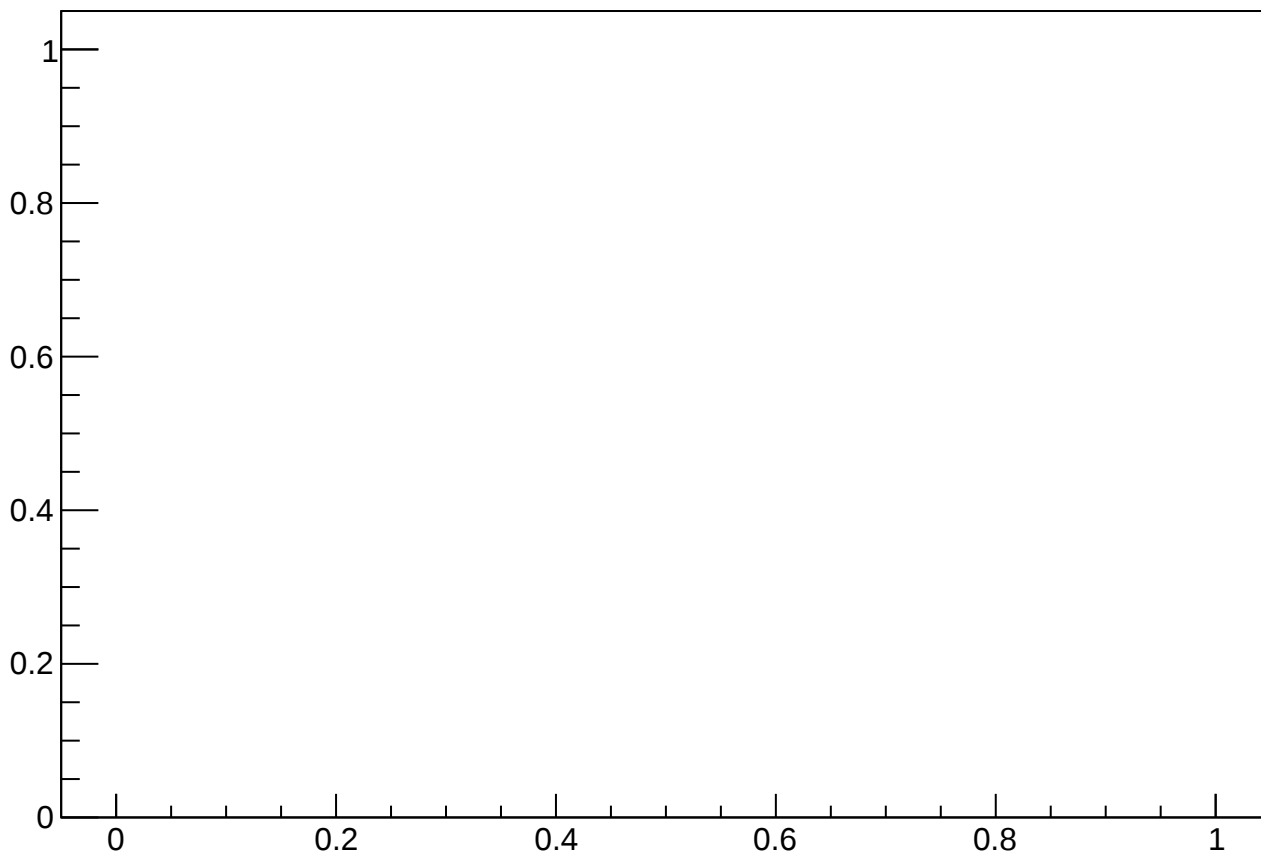
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

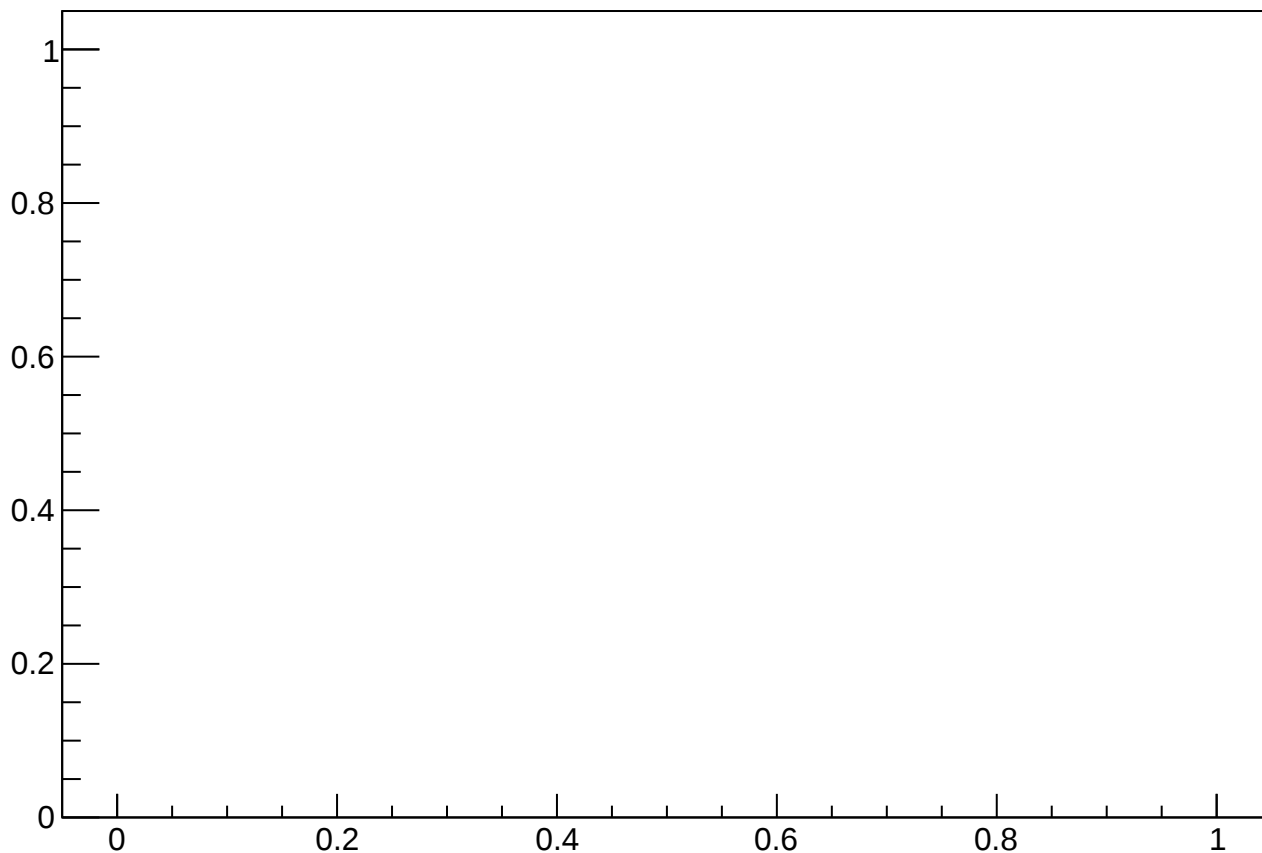
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

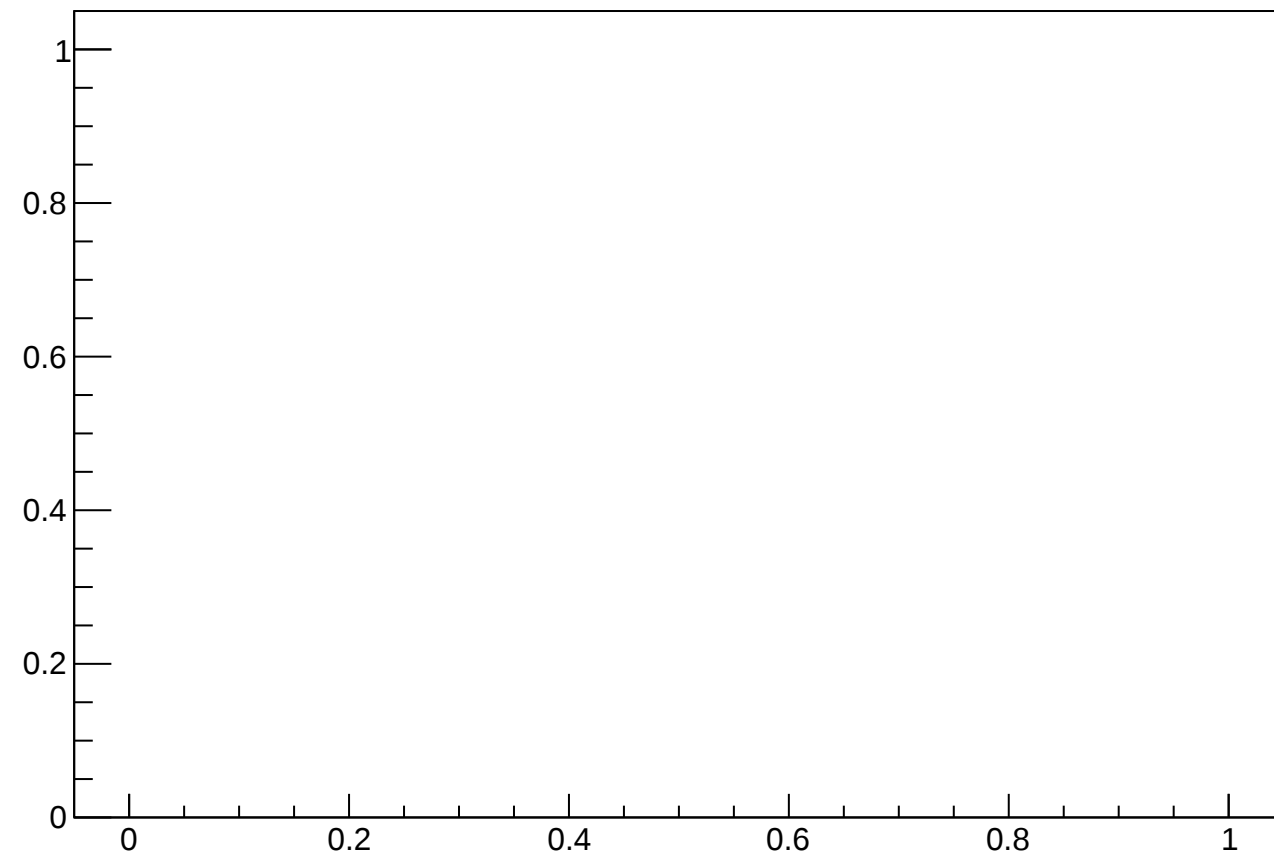
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

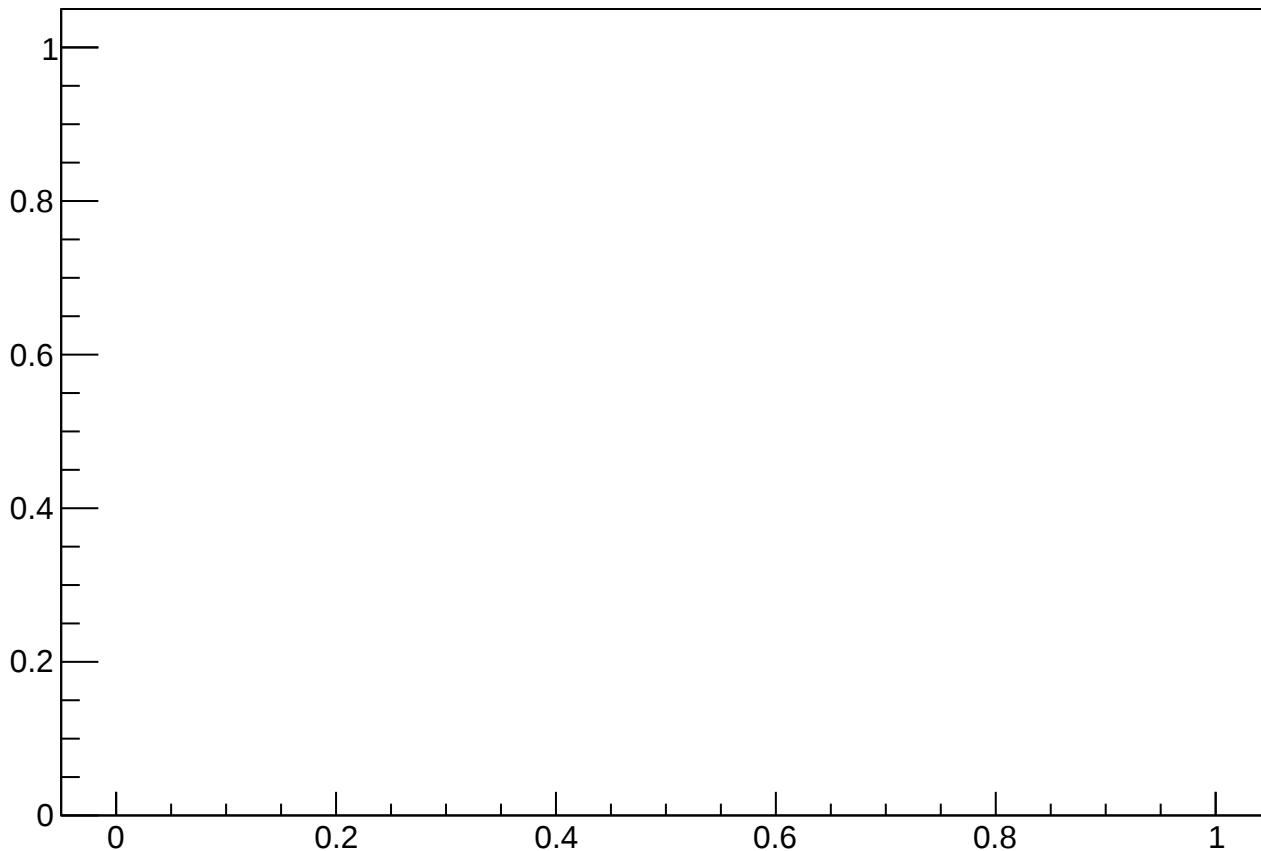
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

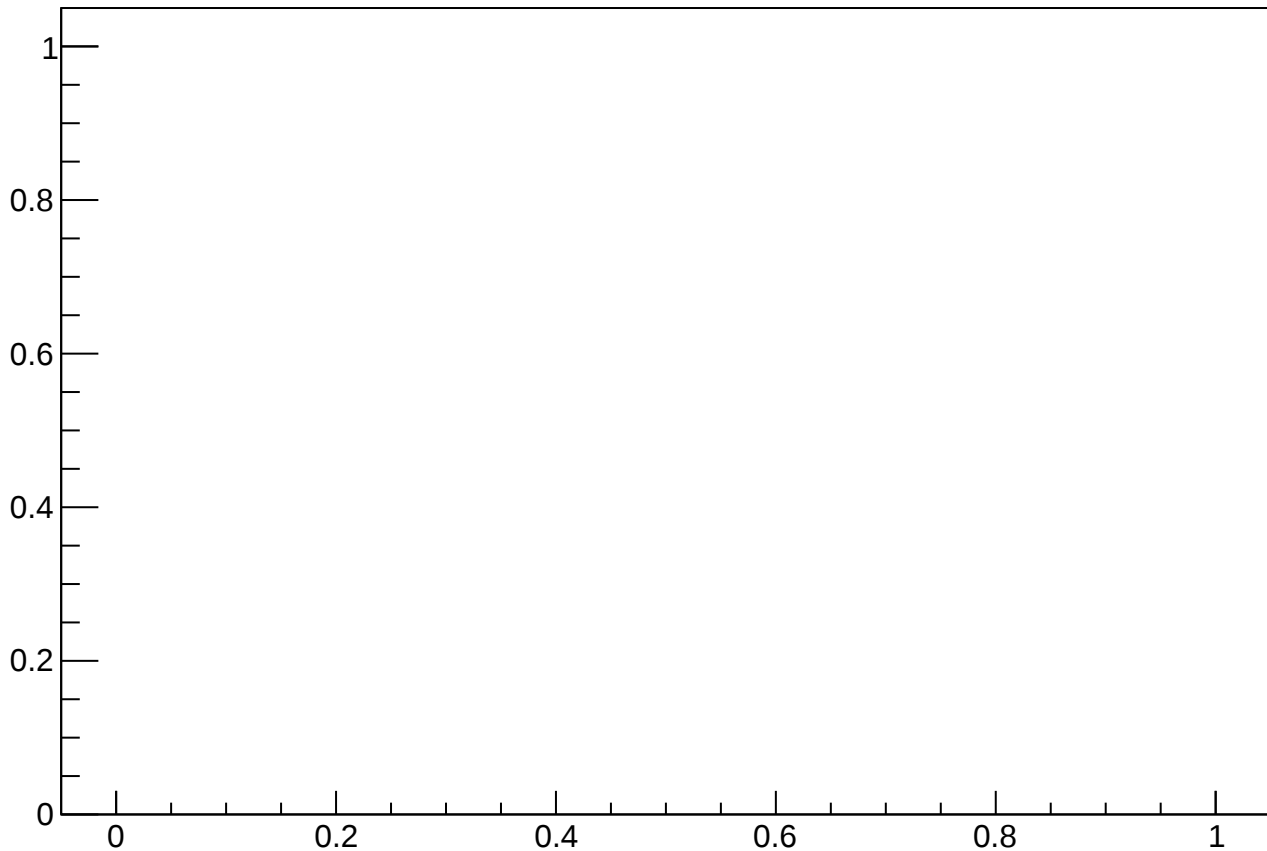
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

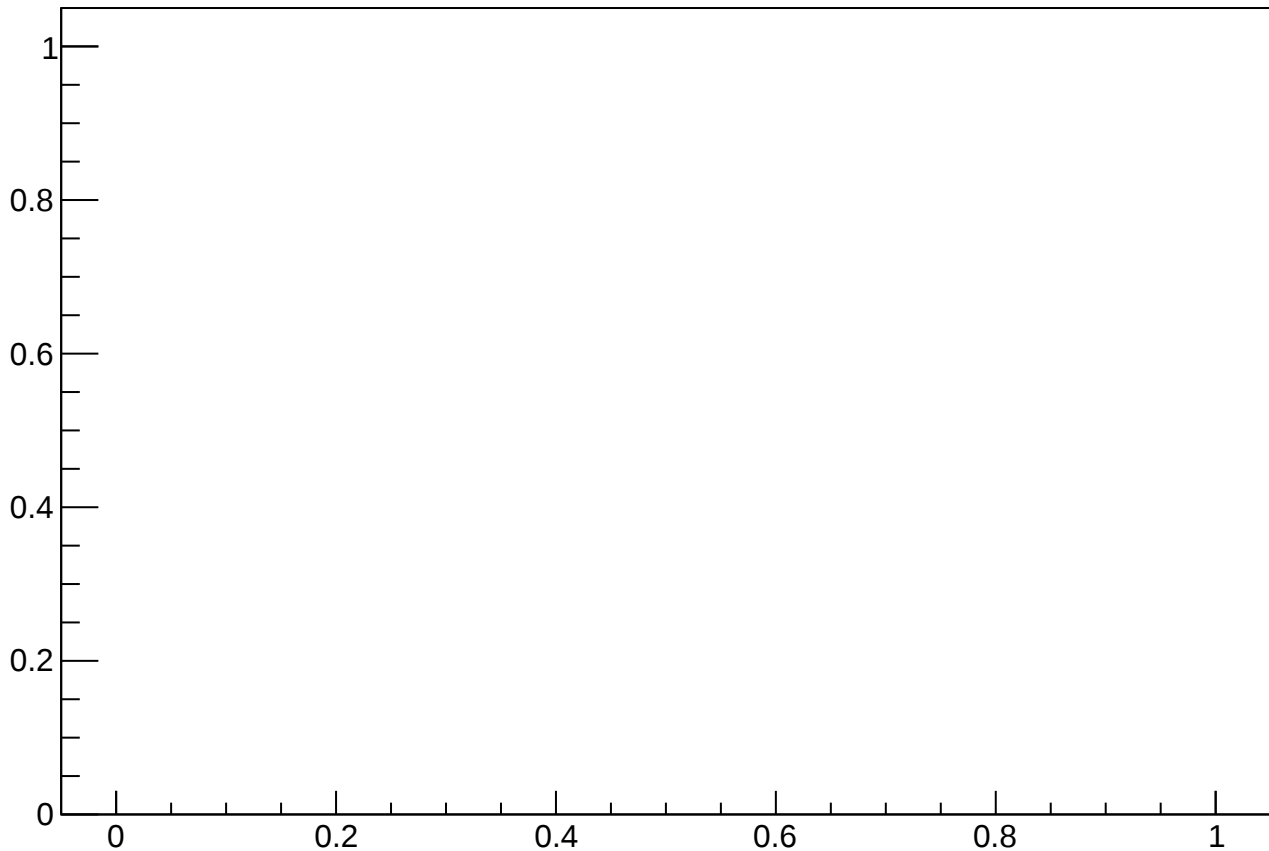
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

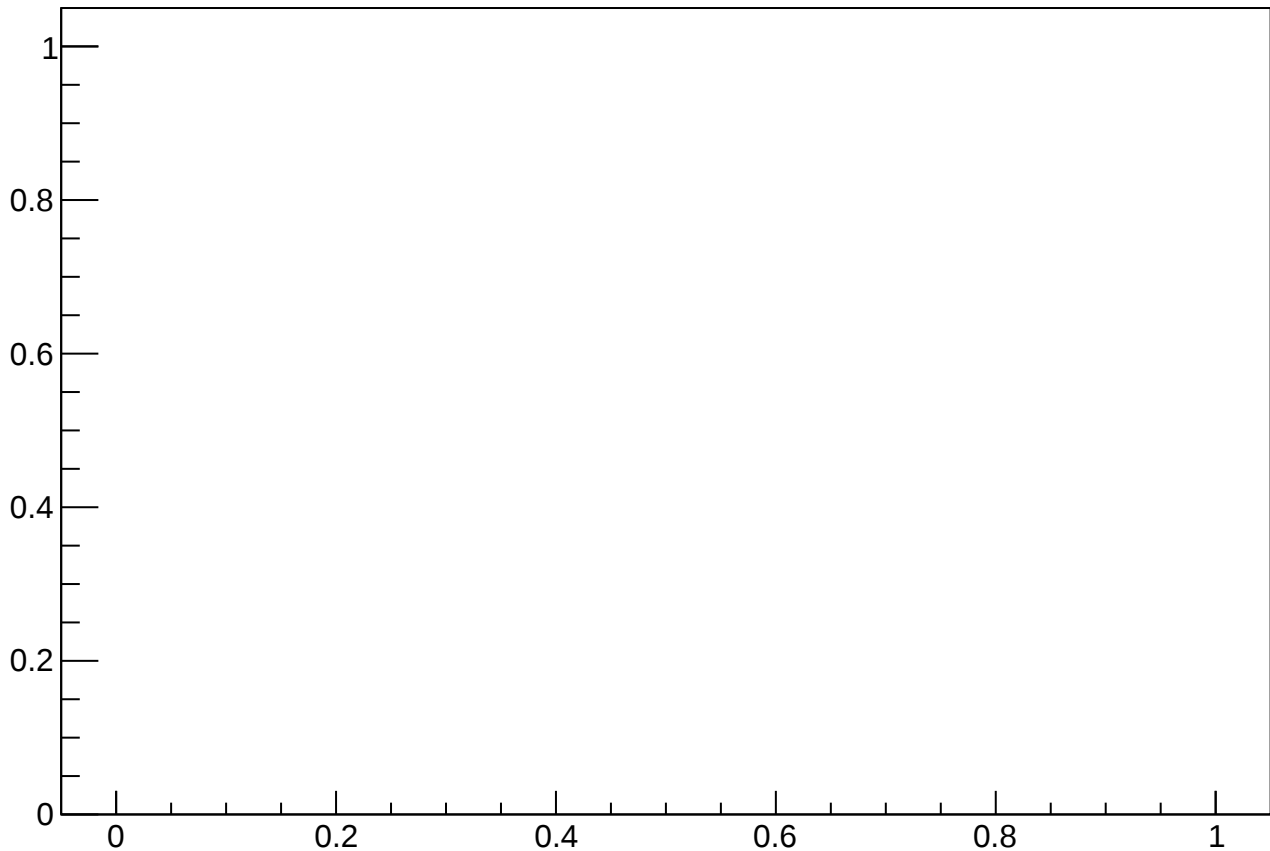
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

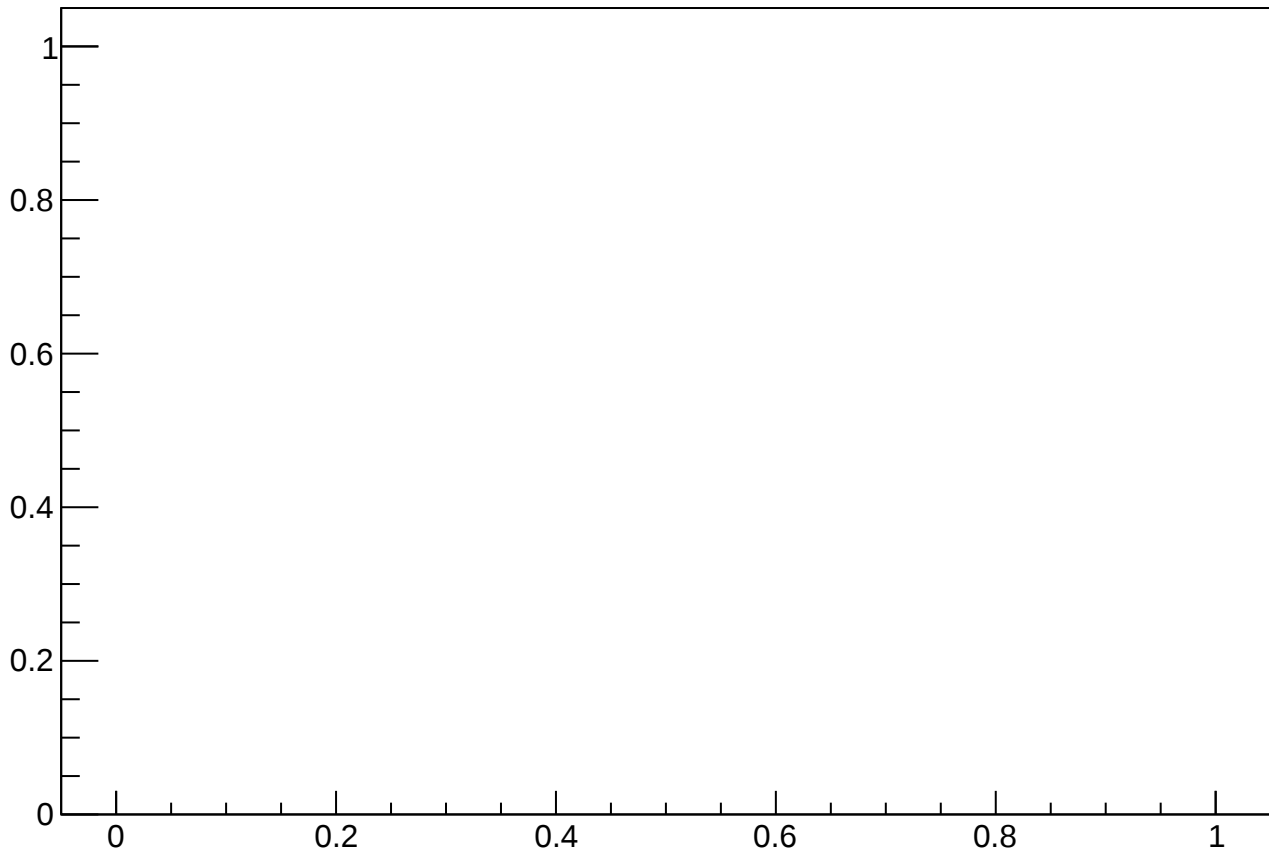
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

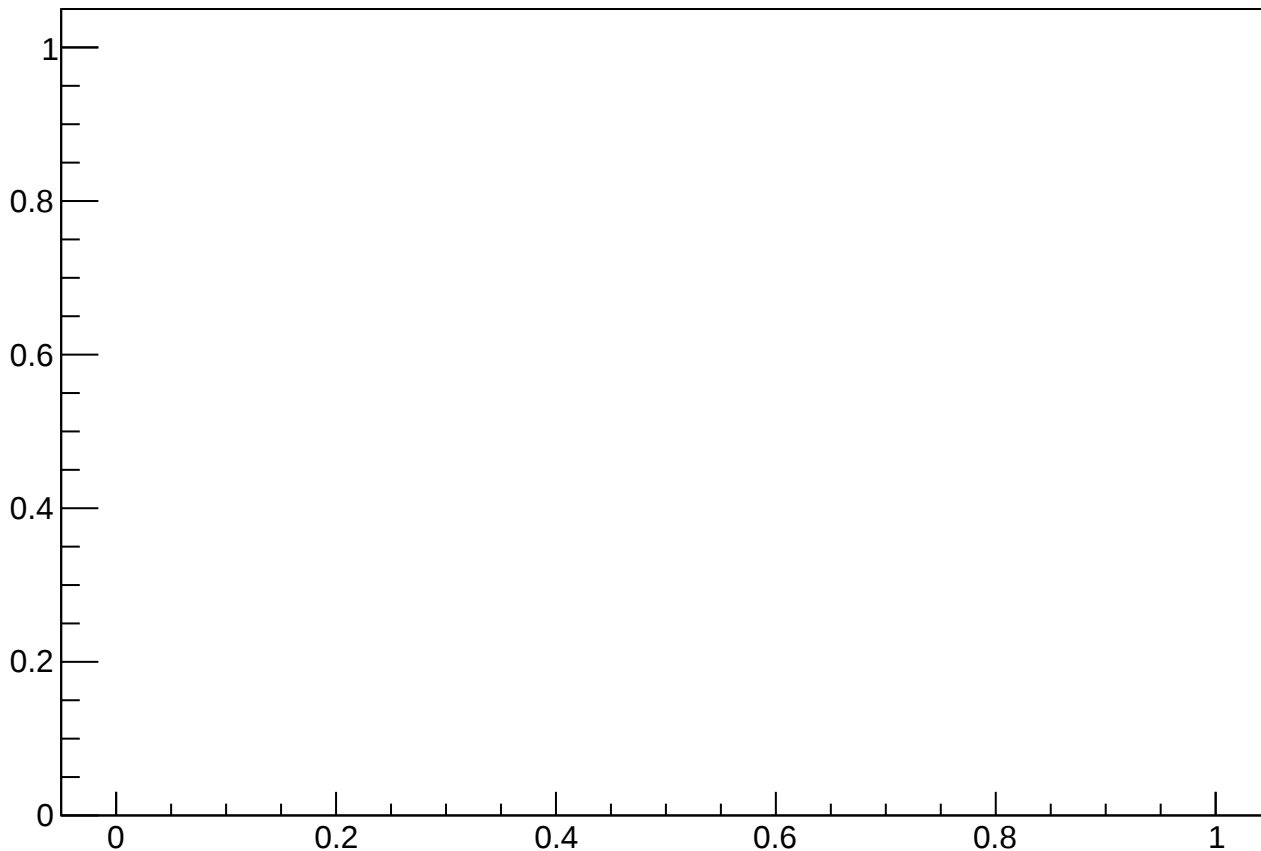
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

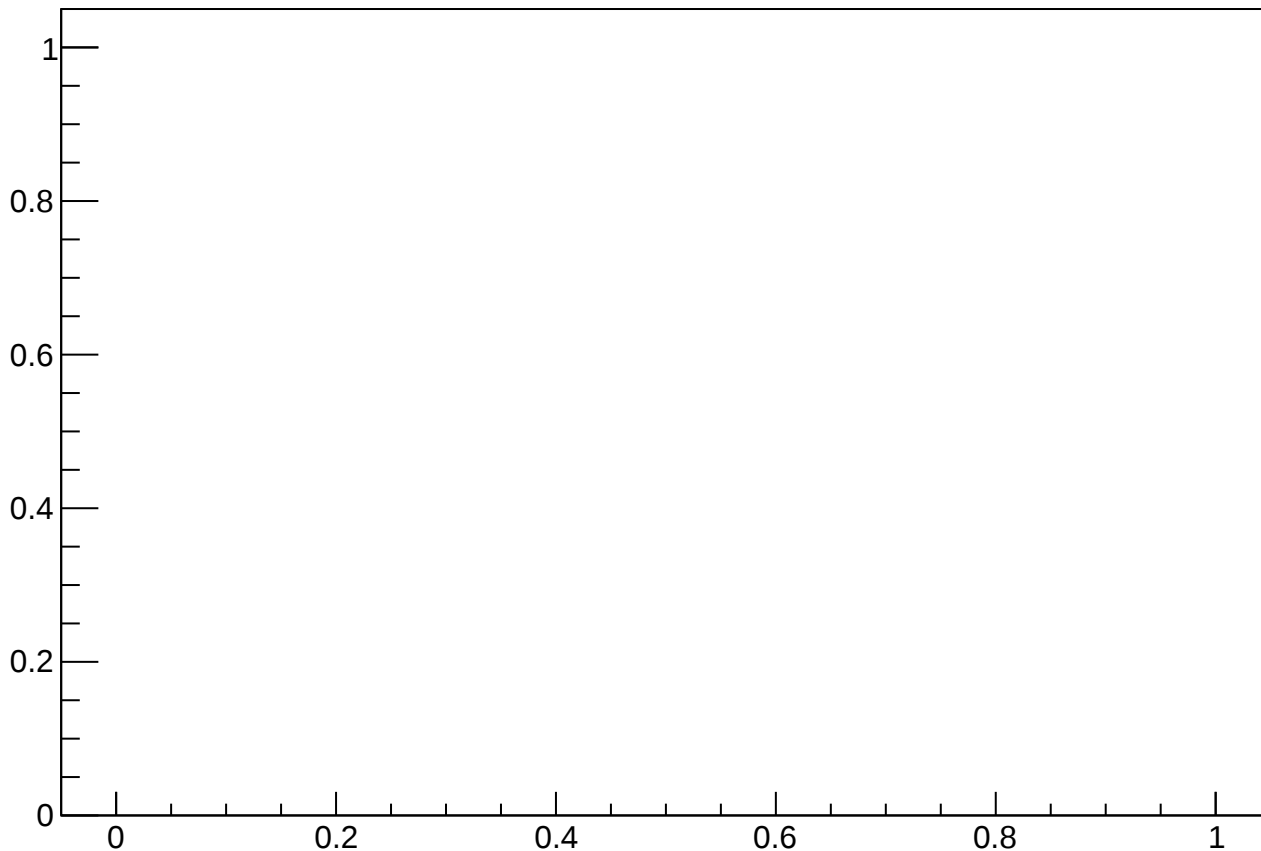
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

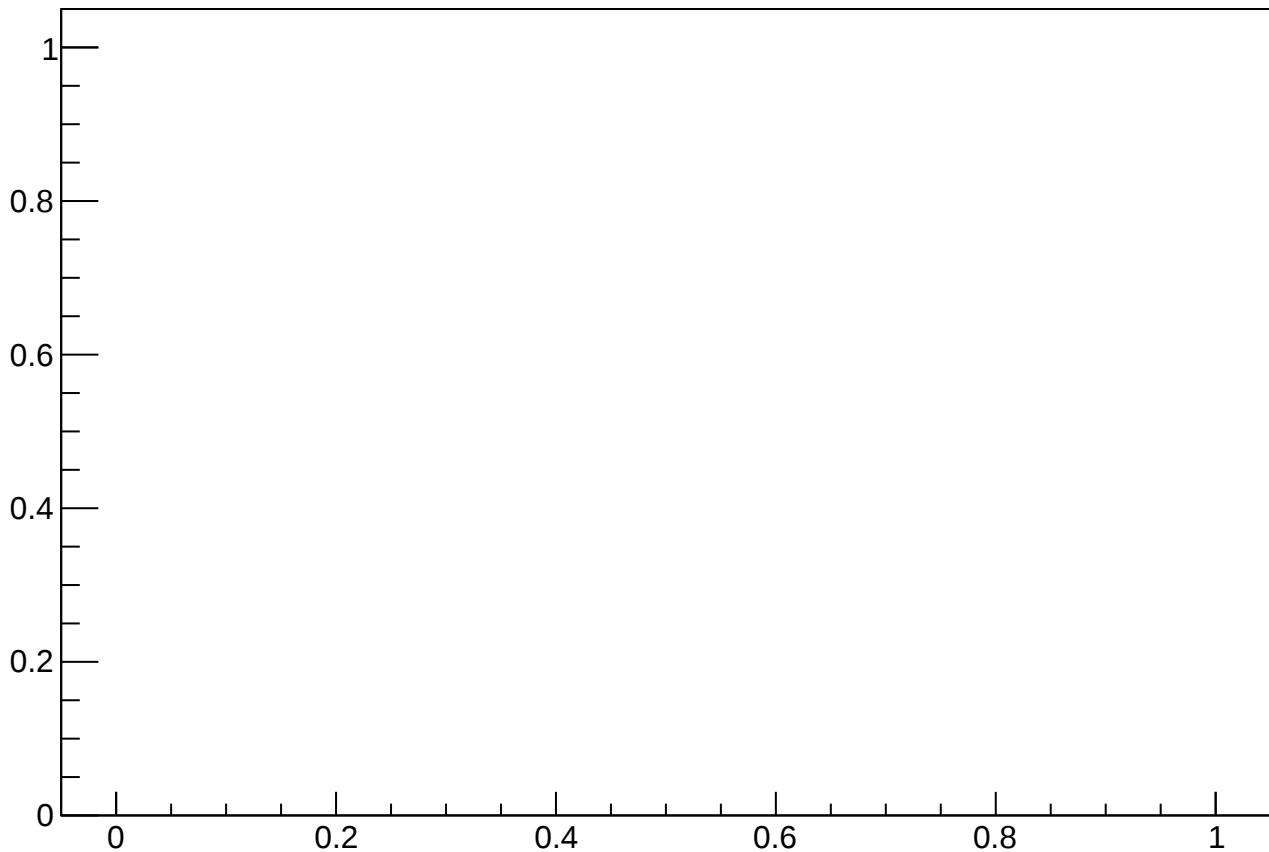
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

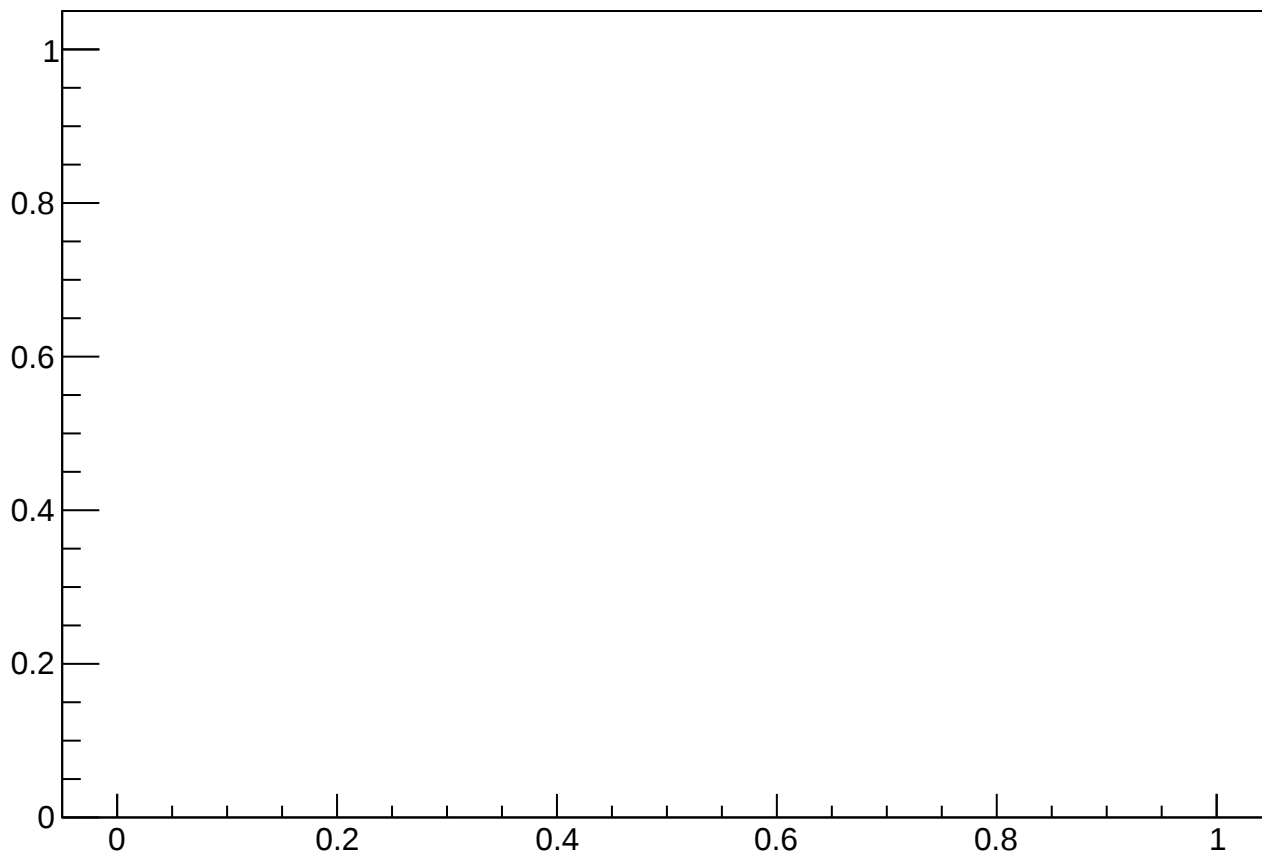
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

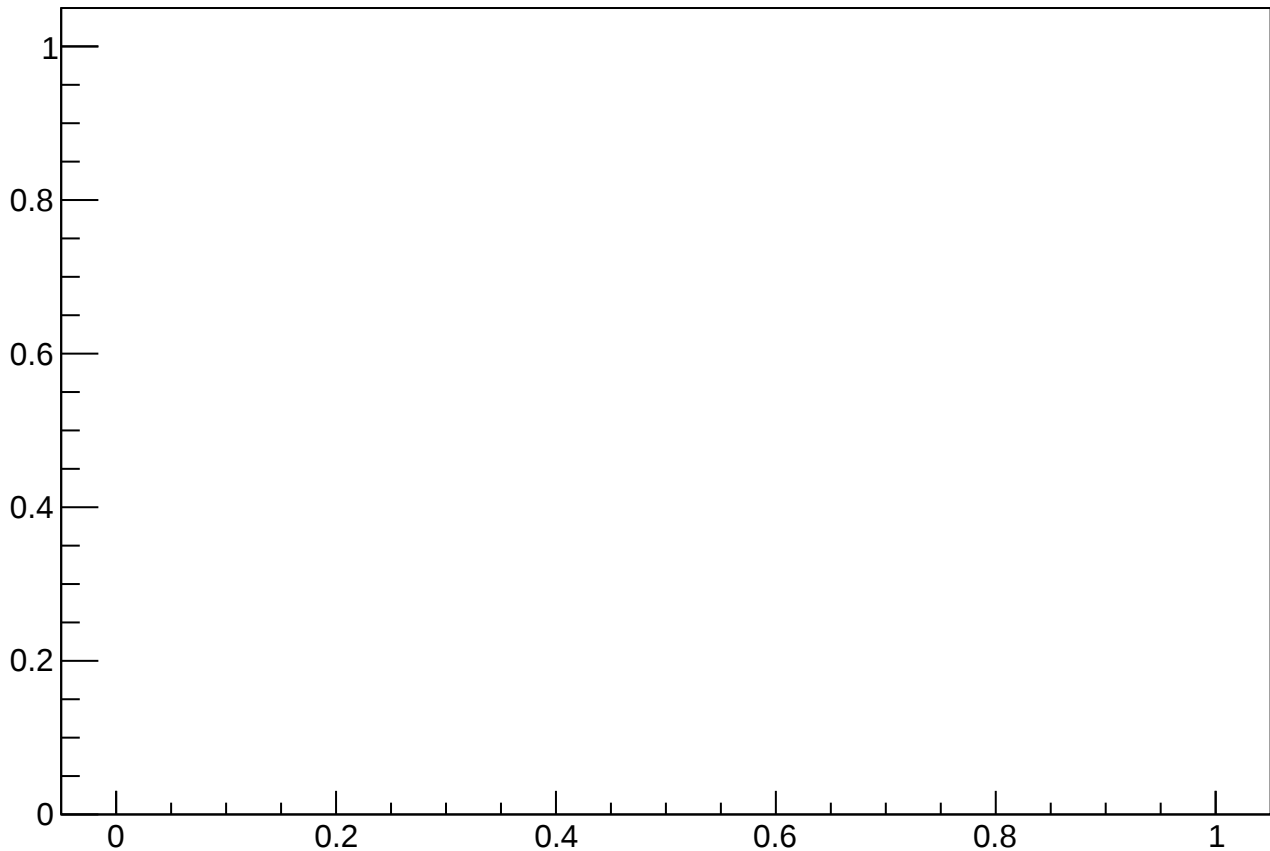
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

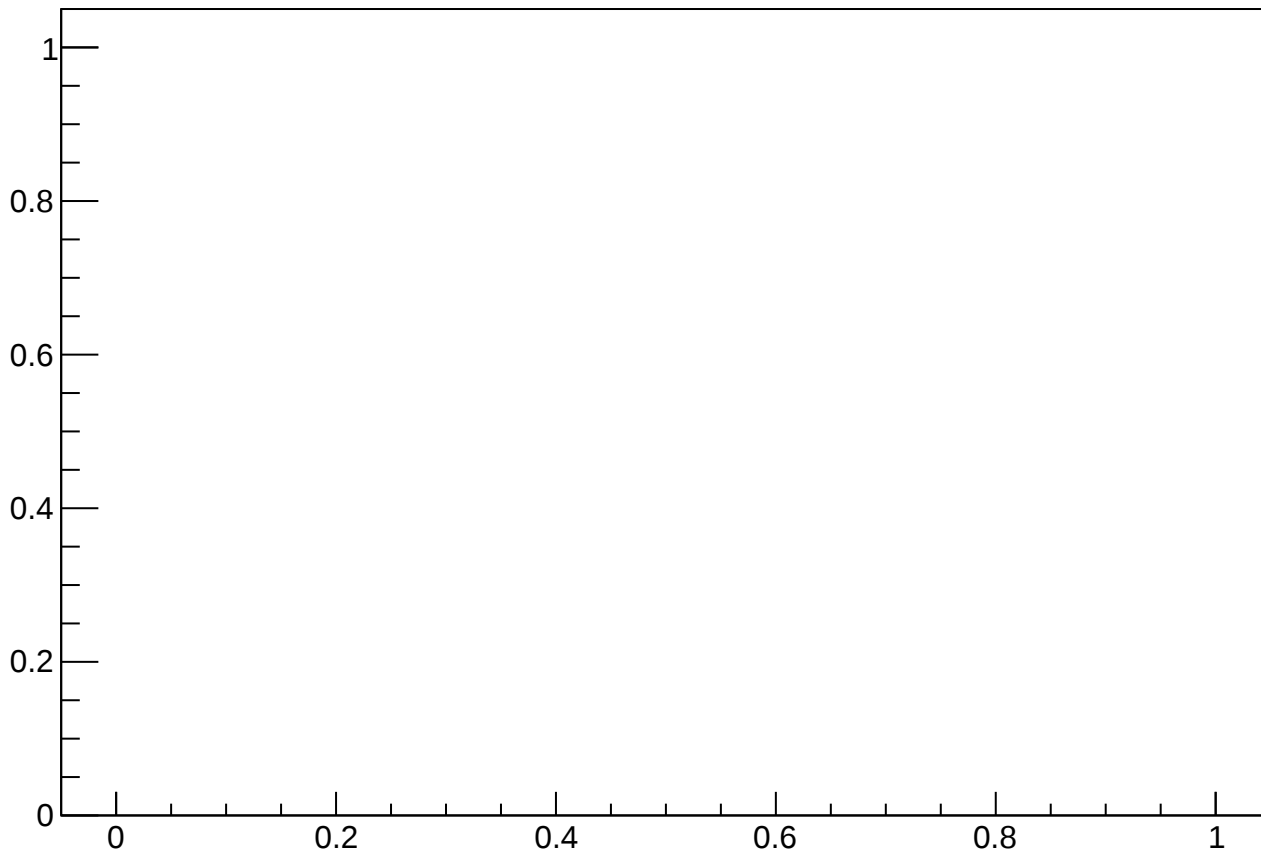
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

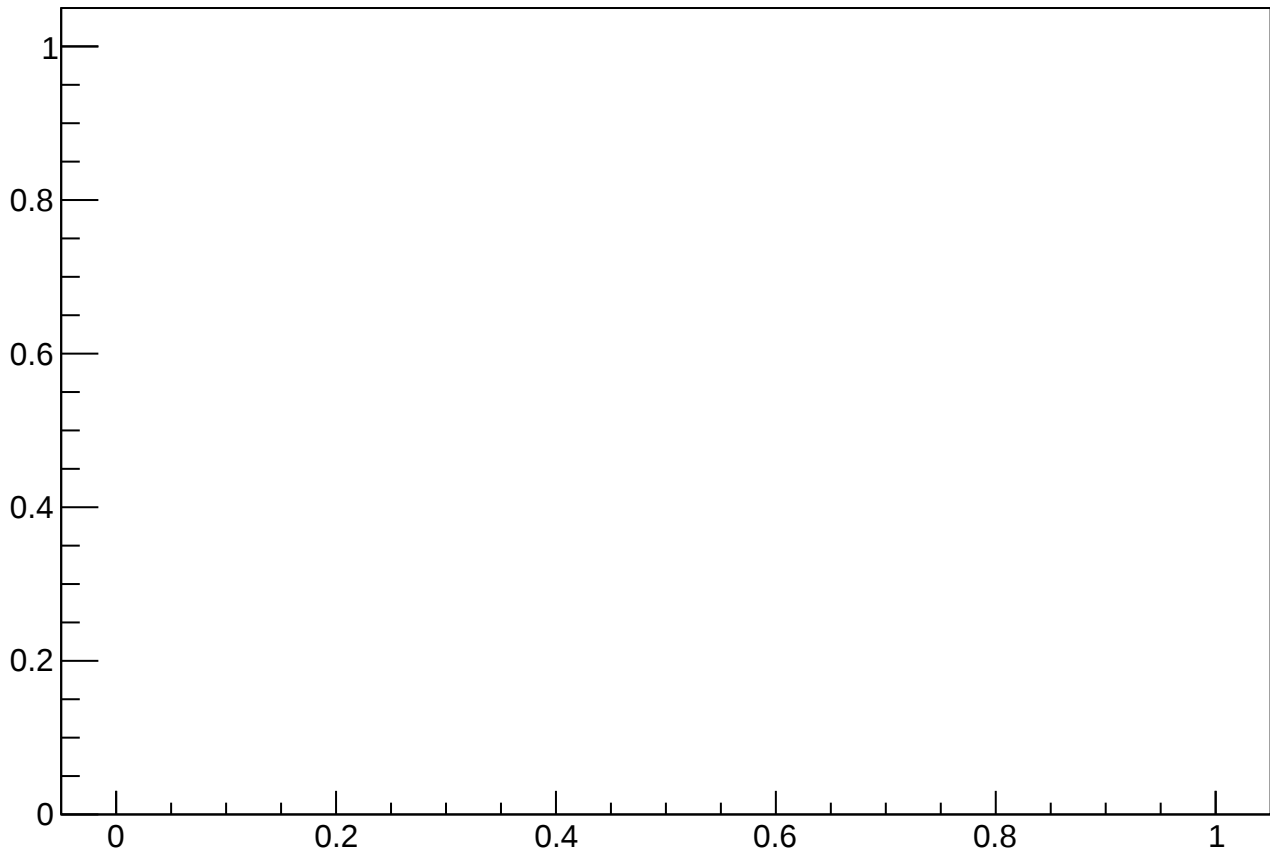
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

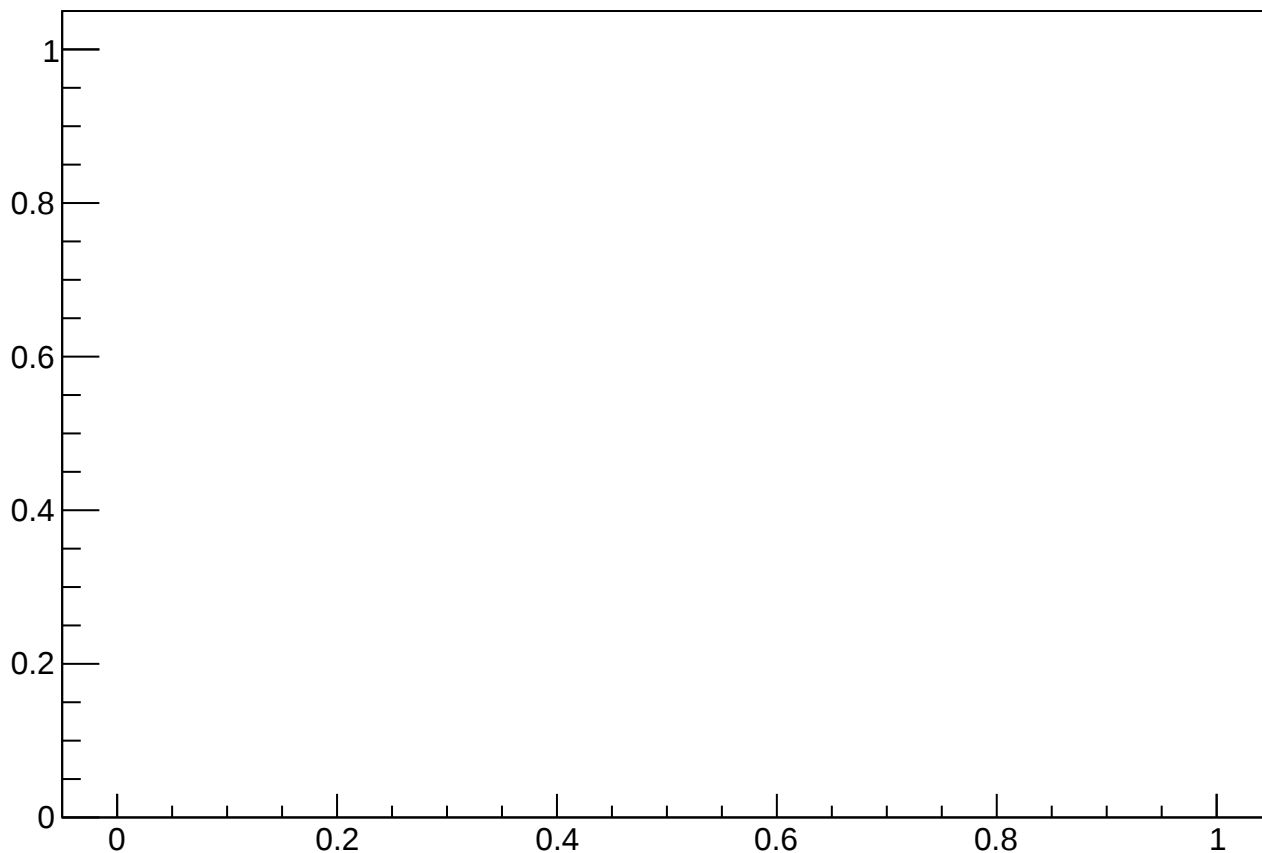
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

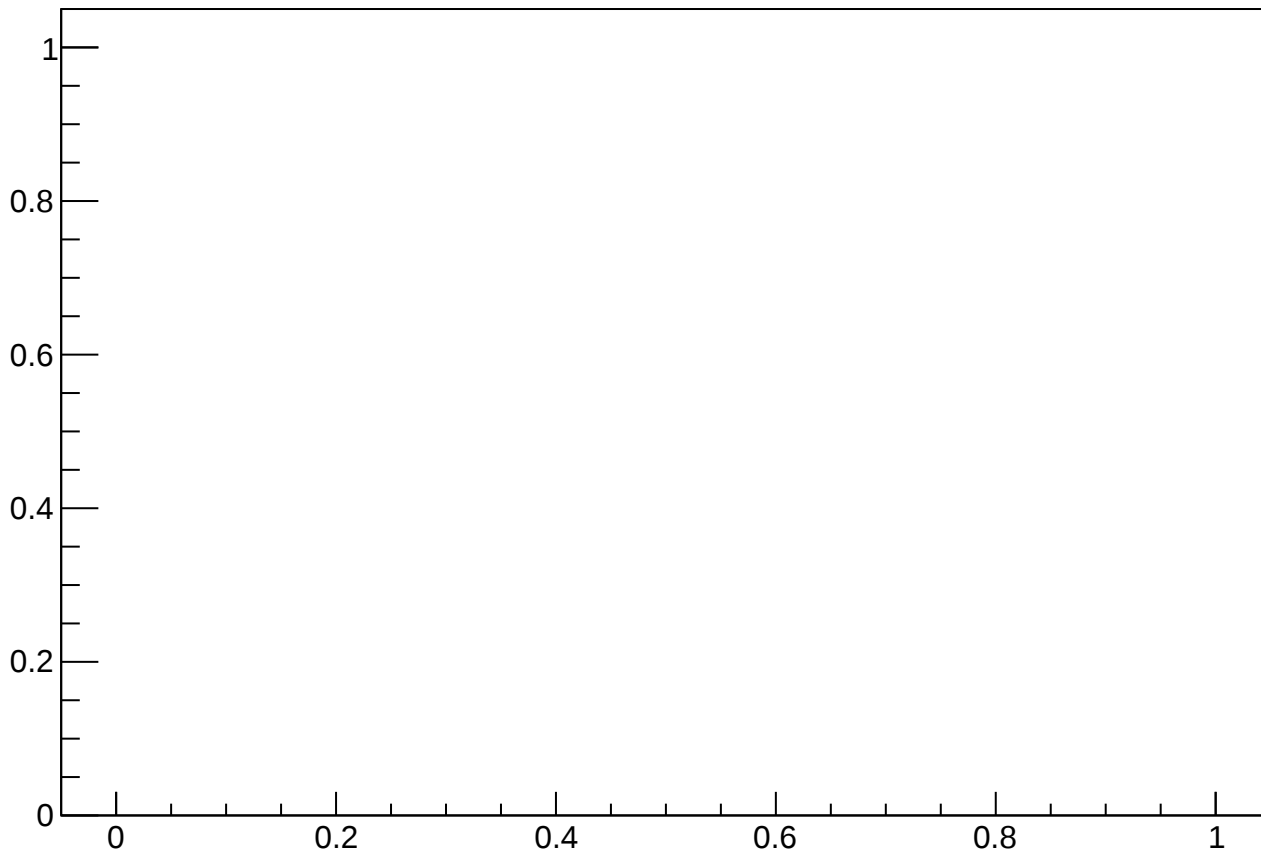
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

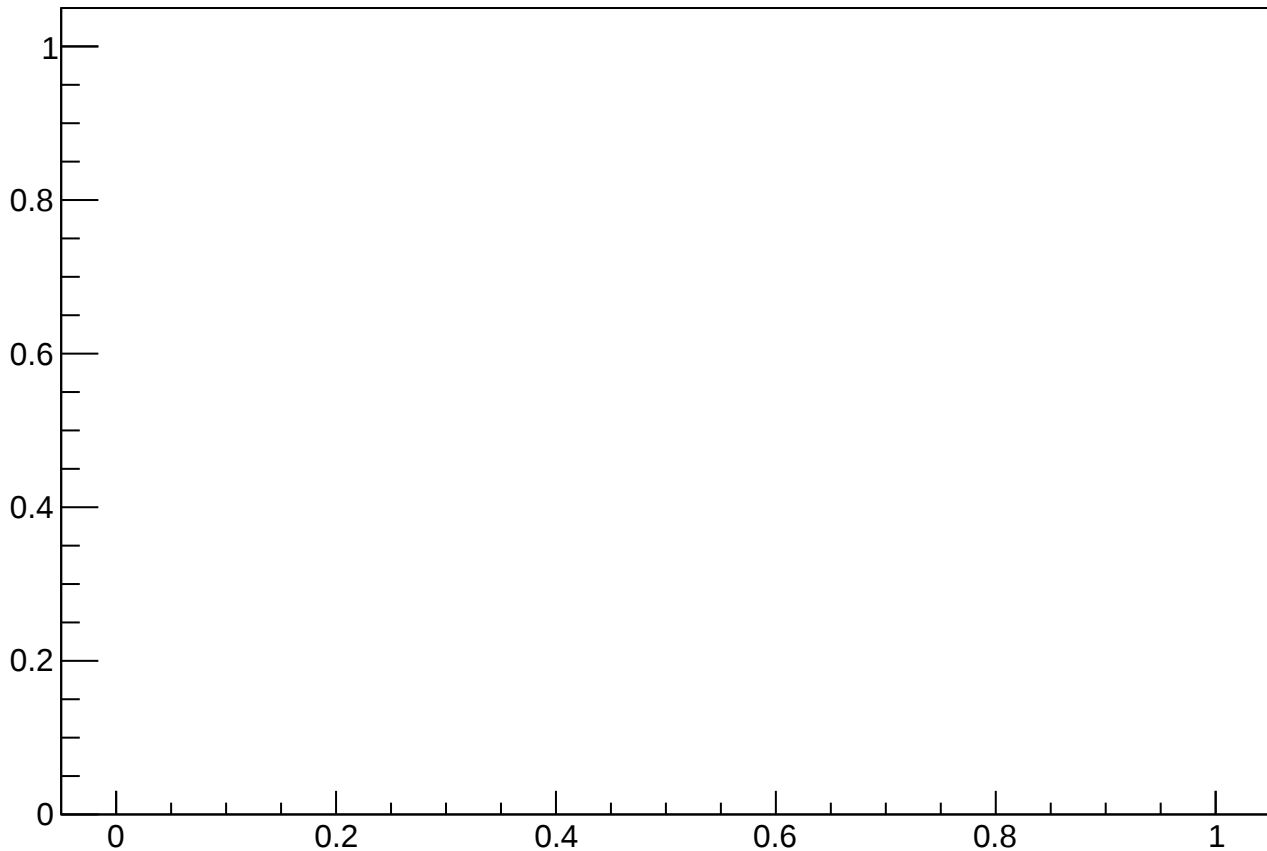
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

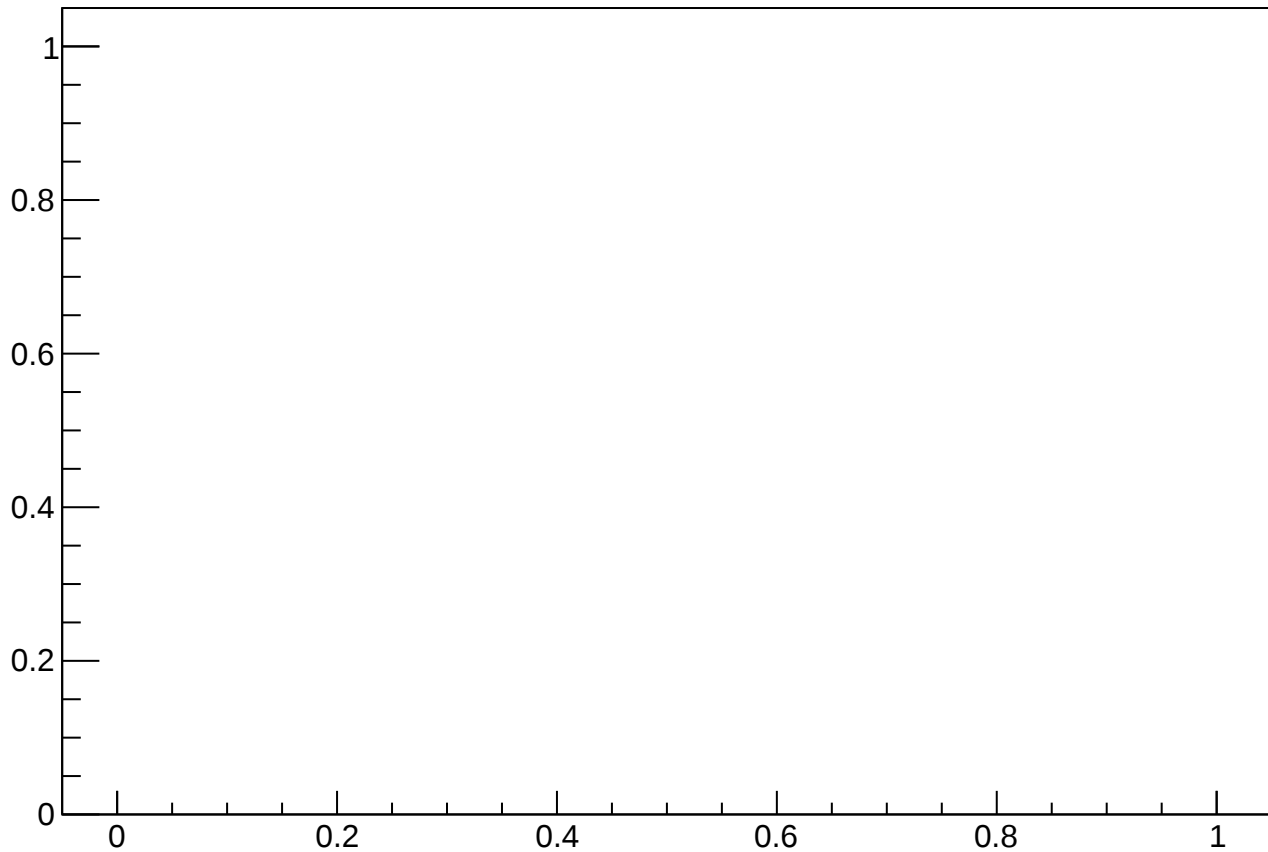
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

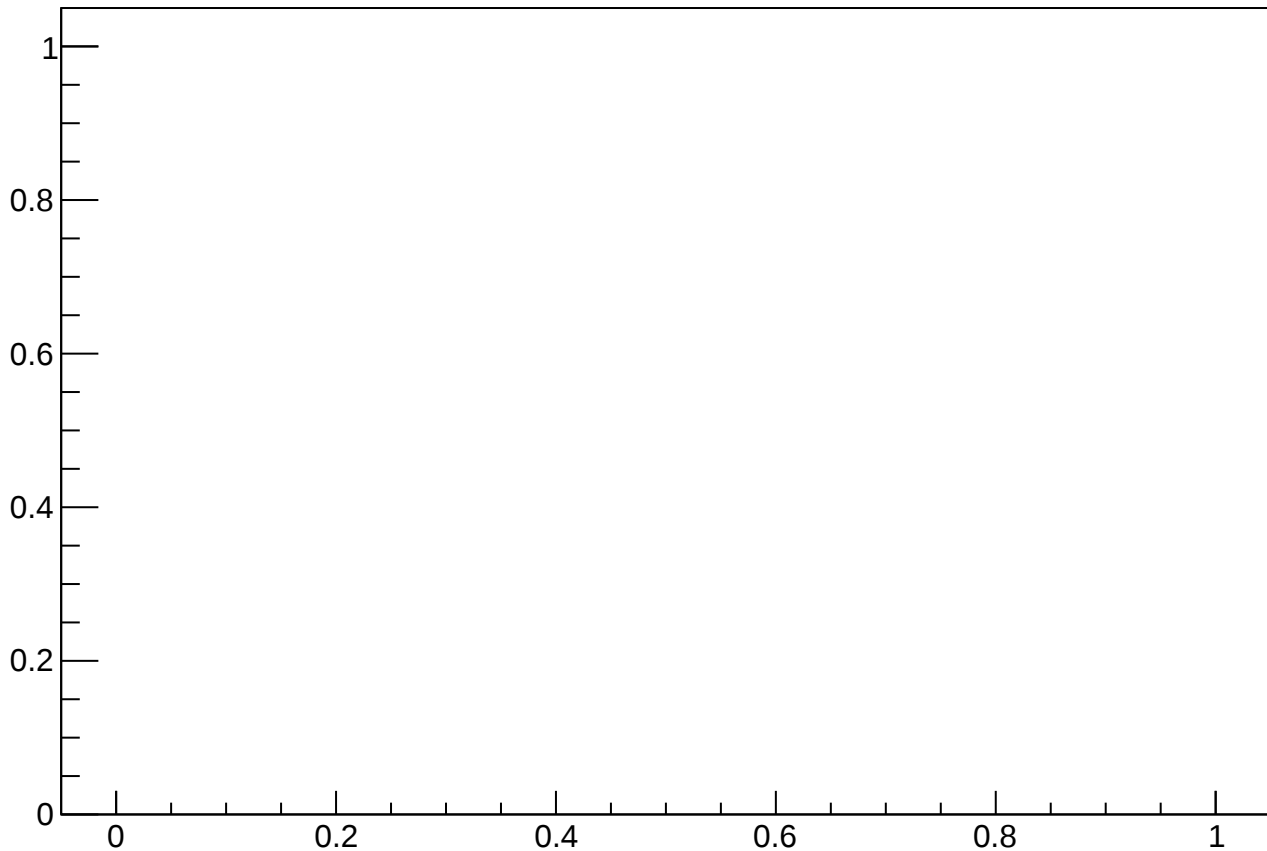
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

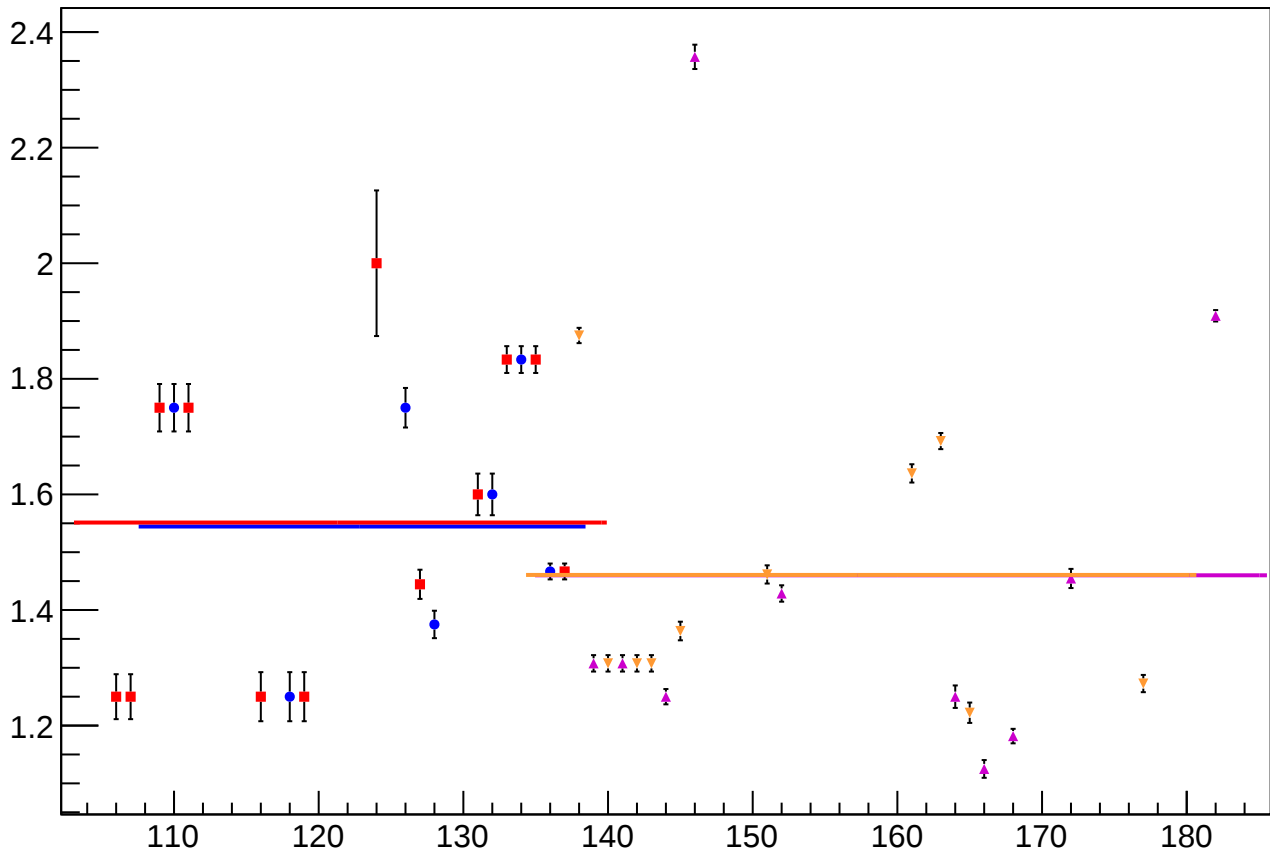
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.460 $\pm$ 0.004 χ^2/NDF : 5452.3/9

Left: 1.460 $\pm$ 0.003 χ^2/NDF : 7555.6/19

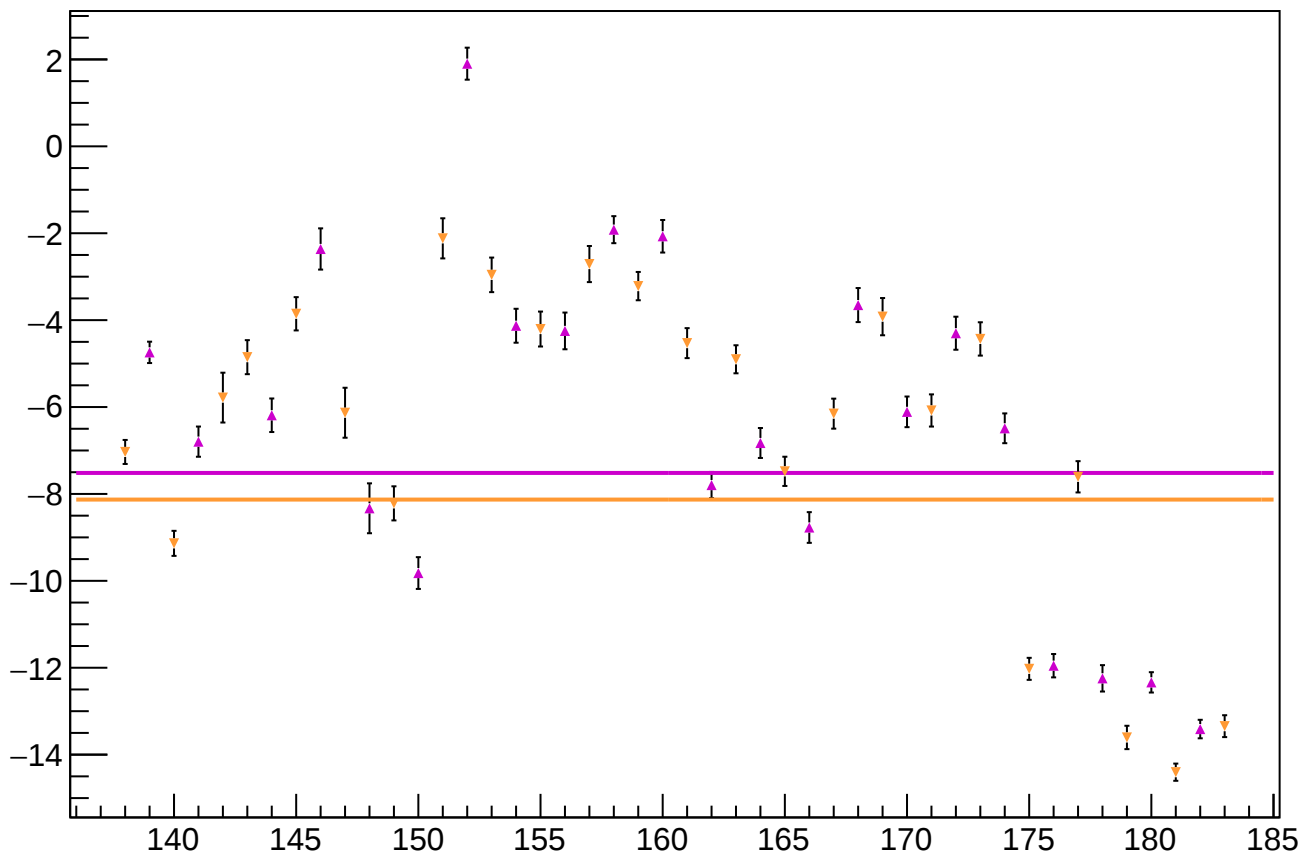
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.476 $\pm$ 0.004 χ^2/NDF : 5869.6/16

Out: 1.483 $\pm$ 0.004 χ^2/NDF : 2829.6/21

All: 1.480 $\pm$ 0.003 χ^2/NDF : 8700.8/38

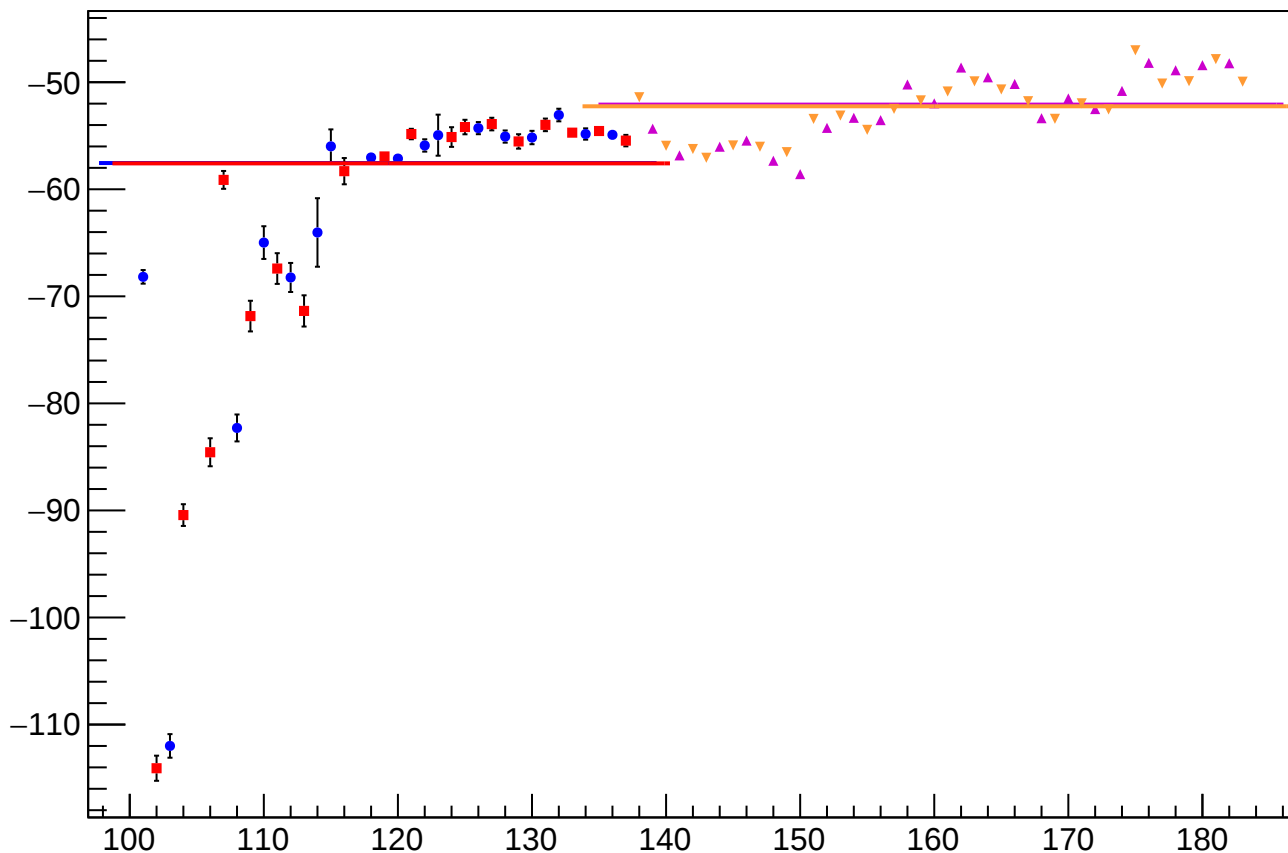
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.517 $\pm$ 0.070 χ^2 /NDF:3543.6/21

Left: -7.831 $\pm$ 0.049 χ^2 /NDF: 7218.0/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.517 $\pm$ 0.070 χ^2 /NDF:3543.6/21
 Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23
 All: -7.831 $\pm$ 0.049 χ^2 /NDF: 7218.0/45

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.249 $\pm$ 0.055 χ^2 /NDF:2603.6/23

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -52.092 $\pm$ 0.058 χ^2 /NDF:3177.0/21

Left: -52.174 $\pm$ 0.040 χ^2 /NDF: 5784.4/45

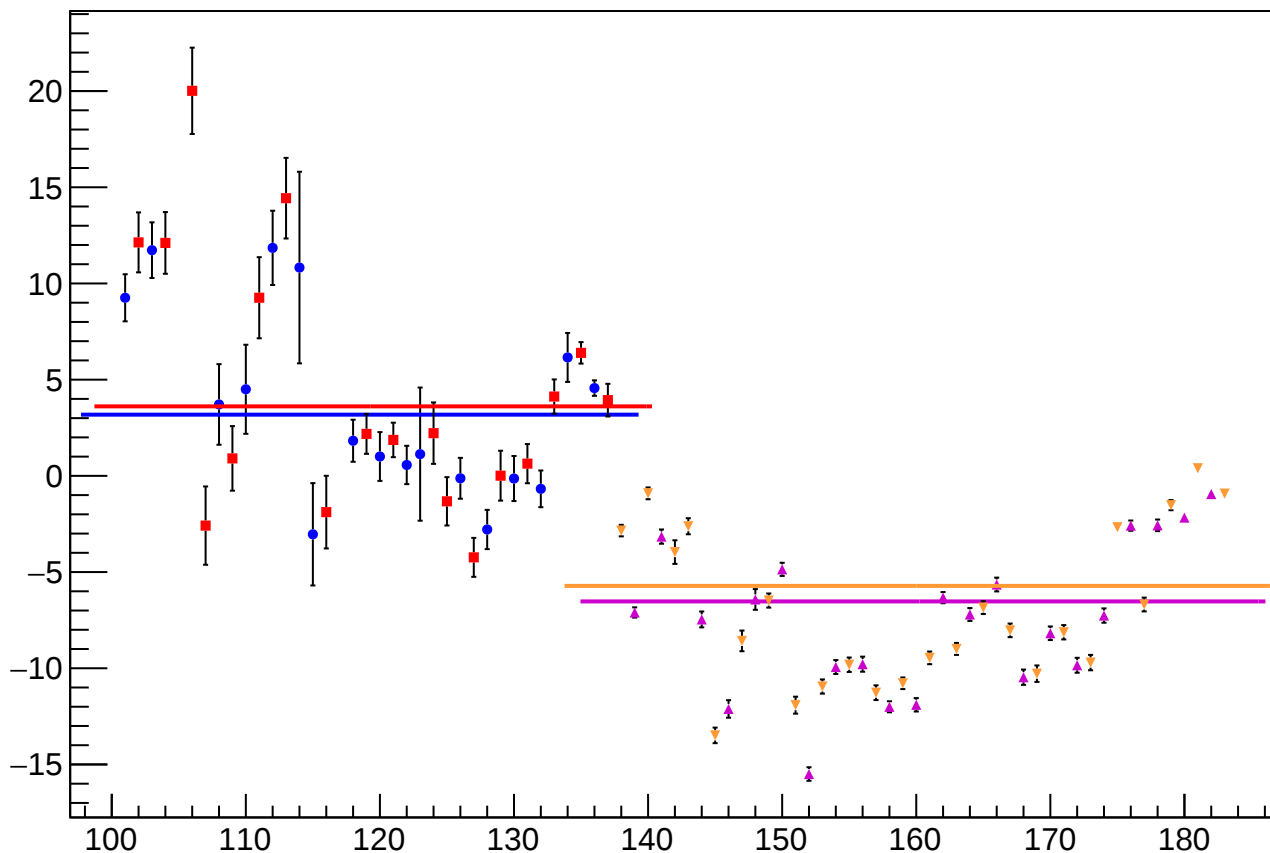
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -52.870 $\pm$ 0.053 χ^2 /NDF:7911.3/38

Out: -52.946 $\pm$ 0.052 χ^2 /NDF:8157.0/41

All: -52.909 $\pm$ 0.037 χ^2 /NDF: 16069.3/80

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -5.719 ± 0.068 χ^2/NDF : 3982.2/23

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -6.526 ± 0.069 χ^2/NDF : 3260.5/21

Left: -6.115 ± 0.049 χ^2/NDF : 7311.5/45

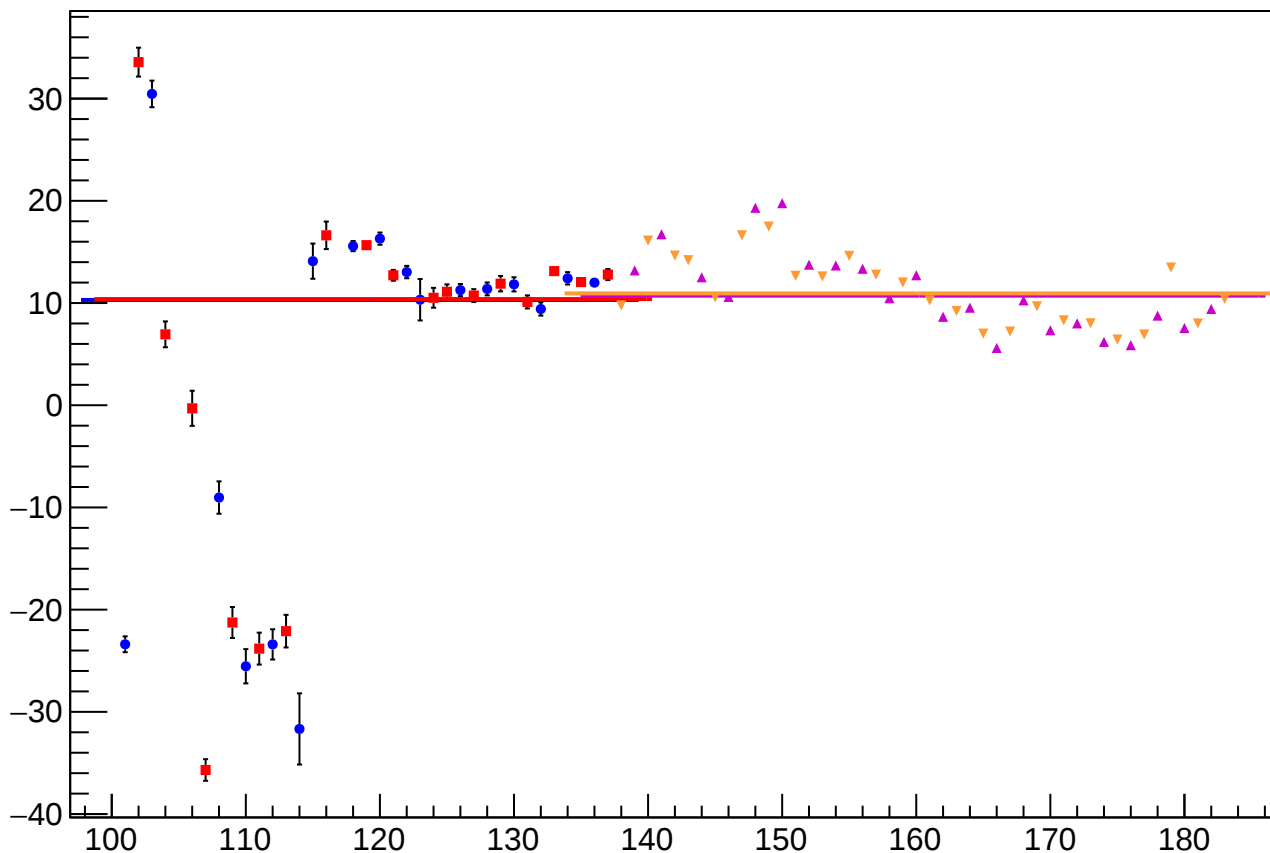
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.870 ± 0.067 χ^2/NDF : 4765.7/38

Out: -5.153 ± 0.066 χ^2/NDF : 5411.2/41

All: -5.506 ± 0.047 χ^2/NDF : 10235.1/80

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 10.943+/-0.062 χ^2/NDF : 2629.1/23

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 10.721+/-0.064 χ^2/NDF : 3493.1/21

Left: 10.836+/-0.044 χ^2/NDF : 6128.4/45

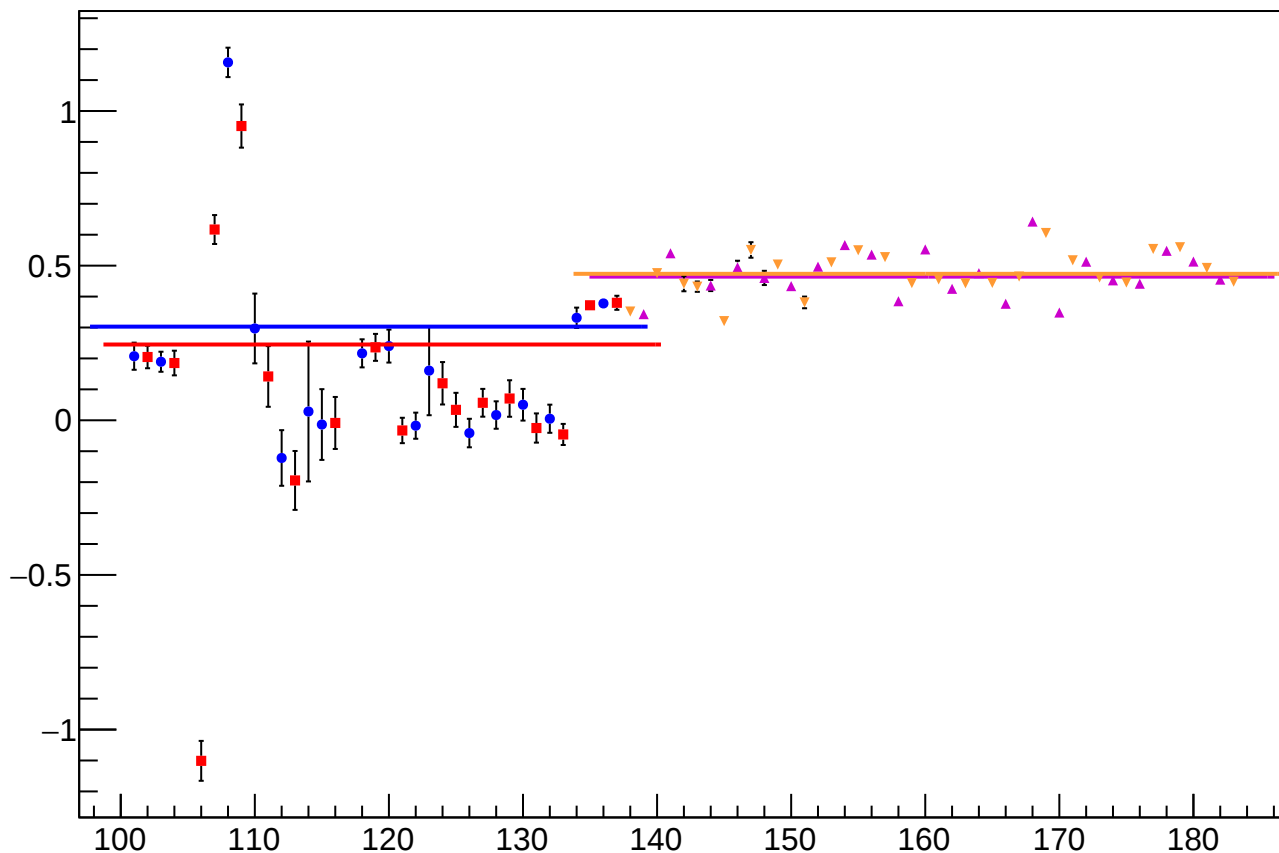
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 10.662+/-0.059 χ^2/NDF : 7198.6/38

Out: 10.871+/-0.058 χ^2/NDF : 6425.9/41

All: 10.769+/-0.041 χ^2/NDF : 13630.9/80

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.474 $\pm$ 0.003 χ^2 /NDF:507.8/23

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.465 $\pm$ 0.003 χ^2 /NDF:744.0/21

Left: 0.469 $\pm$ 0.002 χ^2 /NDF: 1257.0/45

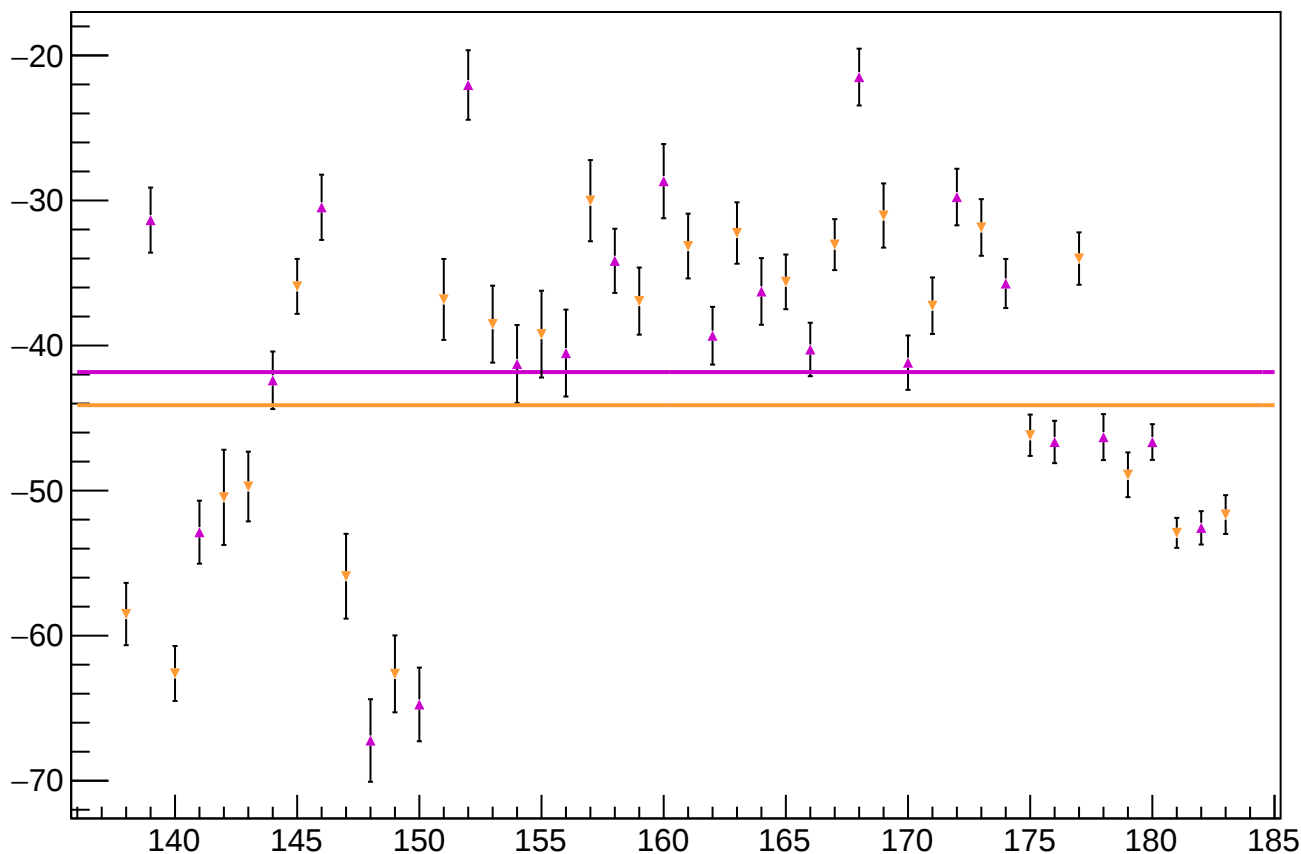
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.448 $\pm$ 0.003 χ^2 /NDF:1739.5/38

Out: 0.451 $\pm$ 0.003 χ^2 /NDF:2112.7/41

All: 0.450 $\pm$ 0.002 χ^2 /NDF: 3853.3/80

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



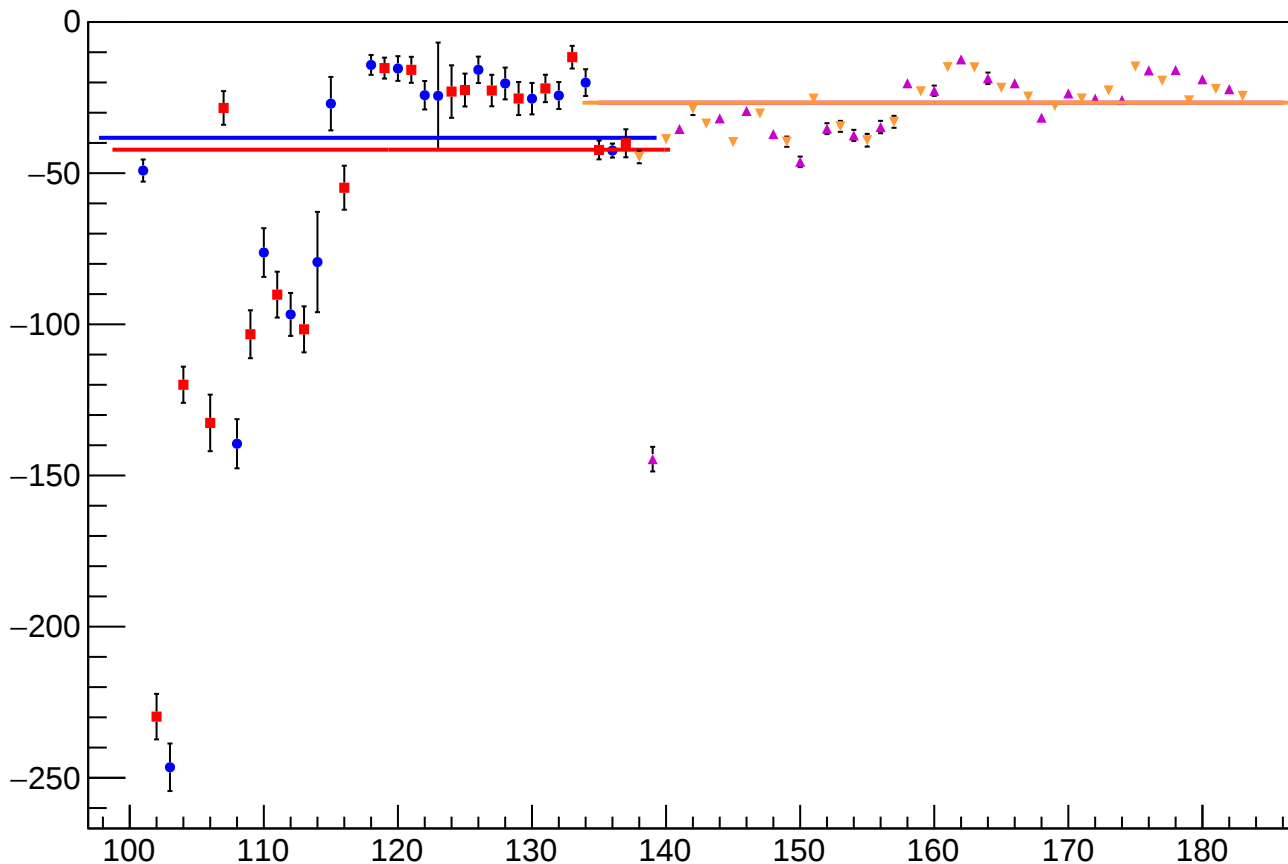
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -44.112 ± 0.393 $\chi^2/\text{NDF}: 631.7/23$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -41.830 ± 0.405 $\chi^2/\text{NDF}: 629.9/21$

Left: -43.005 ± 0.282 $\chi^2/\text{NDF}: 1278.0/45$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -41.830 ± 0.405 $\chi^2/\text{NDF}: 629.9/21$
 Out: -44.112 ± 0.393 $\chi^2/\text{NDF}: 631.7/23$

All: -43.005 ± 0.282 $\chi^2/\text{NDF}: 1278.0/45$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -26.678+/-0.319 χ^2/NDF : 606.5/23

Right Out: -42.231+/-1.210 χ^2/NDF : 1278.1/17

Left In: -26.678+/-0.330 χ^2/NDF : 1473.7/21

Left: -26.678+/-0.229 χ^2/NDF : 2080.2/45

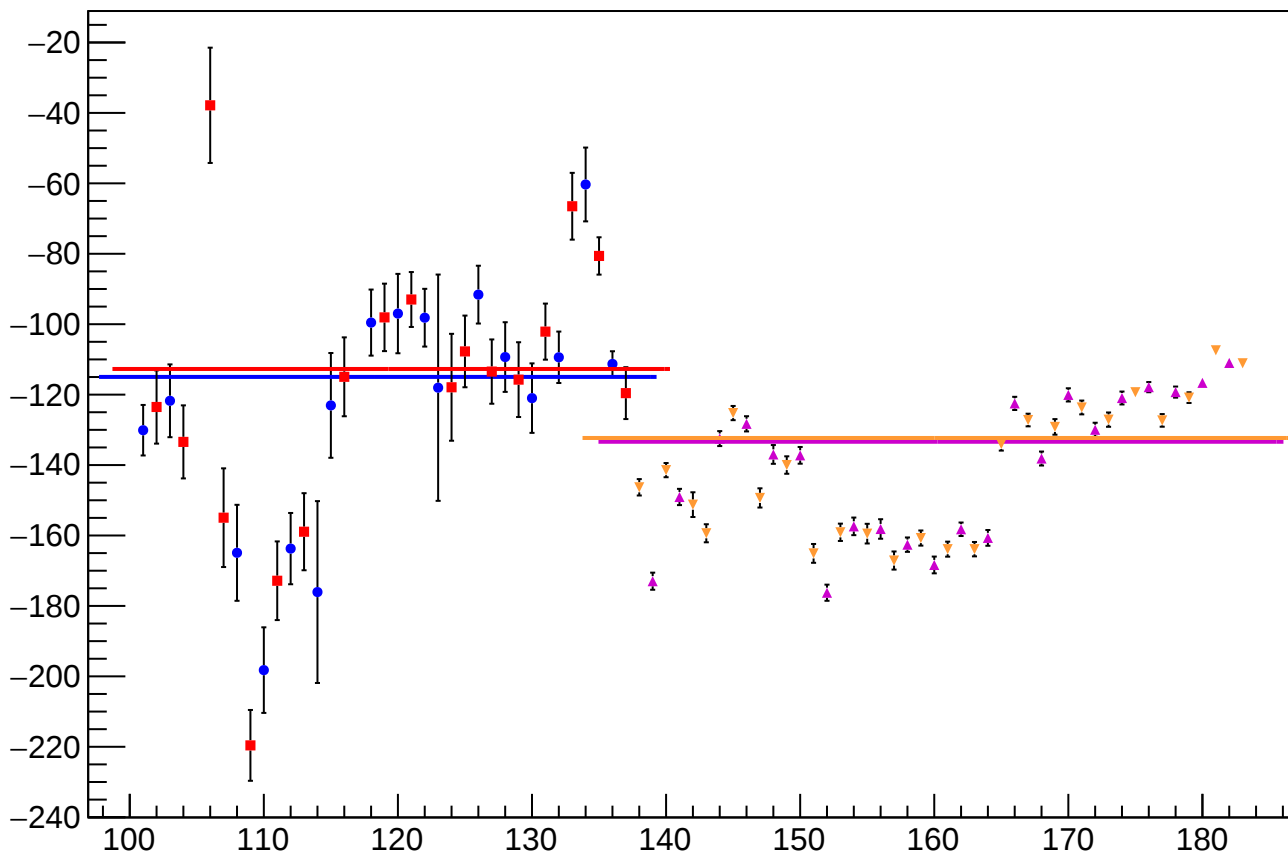
Right: -40.148+/-0.829 χ^2/NDF : 2416.5/34

In: -27.578+/-0.317 χ^2/NDF : 2702.7/38

Out: -27.692+/-0.309 χ^2/NDF : 2039.2/41

All: -27.636+/-0.221 χ^2/NDF : 4742.0/80

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 χ^2/NDF : 141.4/16

Left Out: -132.308 ± 0.396 χ^2/NDF : 2392.0/23

Right Out: -112.713 ± 2.210 χ^2/NDF : 267.1/17

Left In: -133.383 ± 0.405 χ^2/NDF : 2453.9/21

Left: -132.833 ± 0.283 χ^2/NDF : 4849.5/45

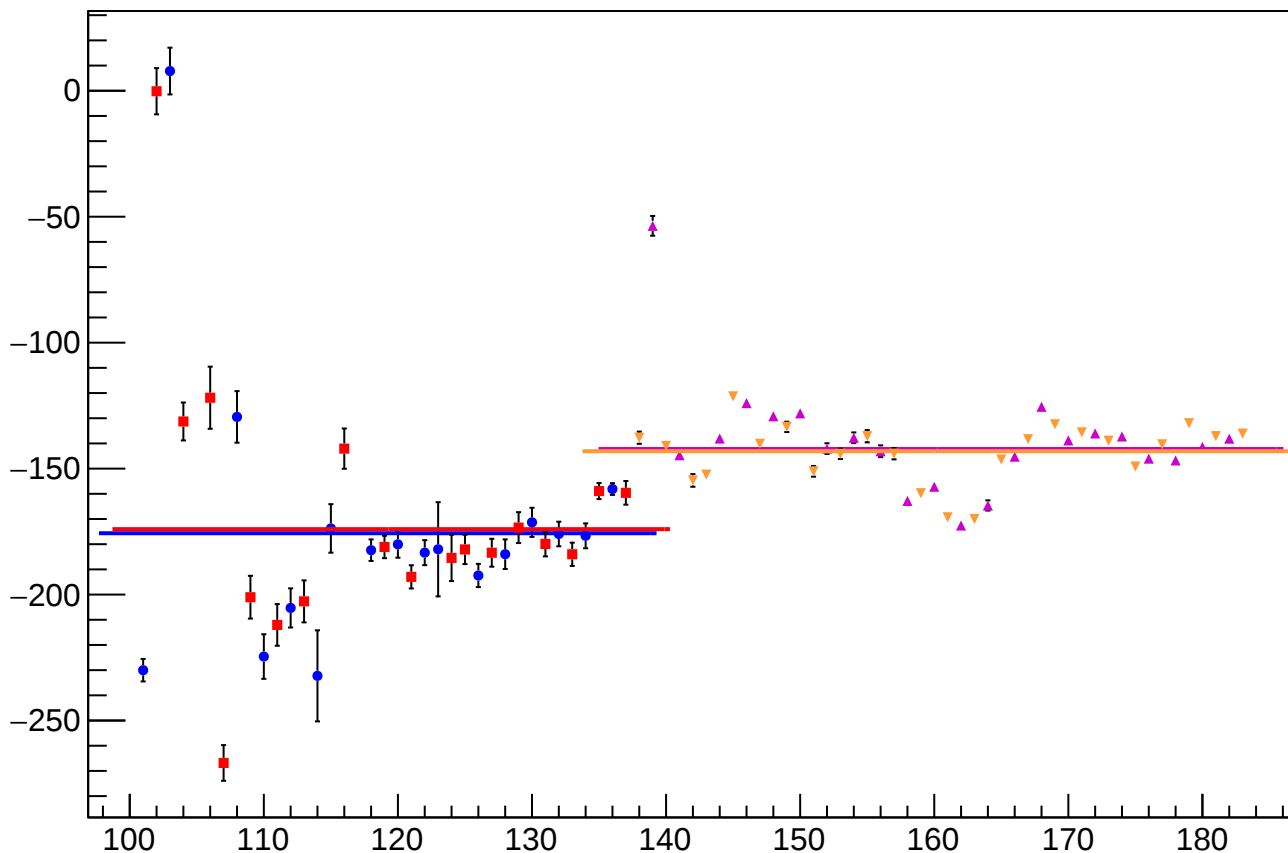
Right: -113.912 ± 1.513 χ^2/NDF : 409.1/34

In: -132.707 ± 0.397 χ^2/NDF : 2671.2/38

Out: -131.699 ± 0.389 χ^2/NDF : 2735.2/41

All: -132.193 ± 0.278 χ^2/NDF : 5409.7/80

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.095 ± 0.358 χ^2/NDF : 1043.7/23

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.210 ± 0.368 χ^2/NDF : 1551.4/21

Left: -142.665 ± 0.256 χ^2/NDF : 2598.1/45

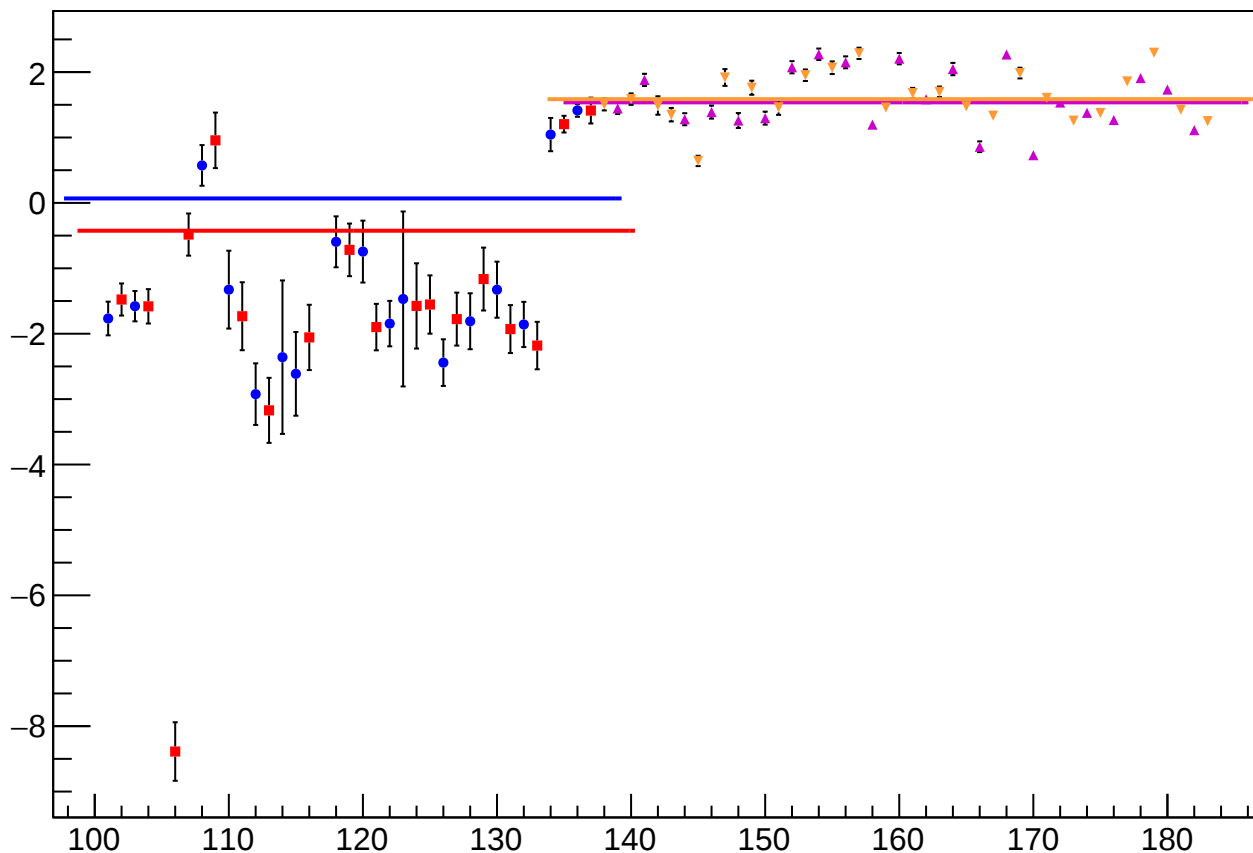
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.800 ± 0.353 χ^2/NDF : 2884.0/38

Out: -145.110 ± 0.346 χ^2/NDF : 2234.2/41

All: -144.958 ± 0.247 χ^2/NDF : 5118.5/80

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 $\chi^2/\text{NDF}: 525.9/16$

Left Out: 1.586 ± 0.016 $\chi^2/\text{NDF}: 493.5/23$

Right Out: -0.425 ± 0.071 $\chi^2/\text{NDF}: 742.9/17$

Left In: 1.537 ± 0.017 $\chi^2/\text{NDF}: 710.6/21$

Left: 1.562 ± 0.012 $\chi^2/\text{NDF}: 1208.4/45$

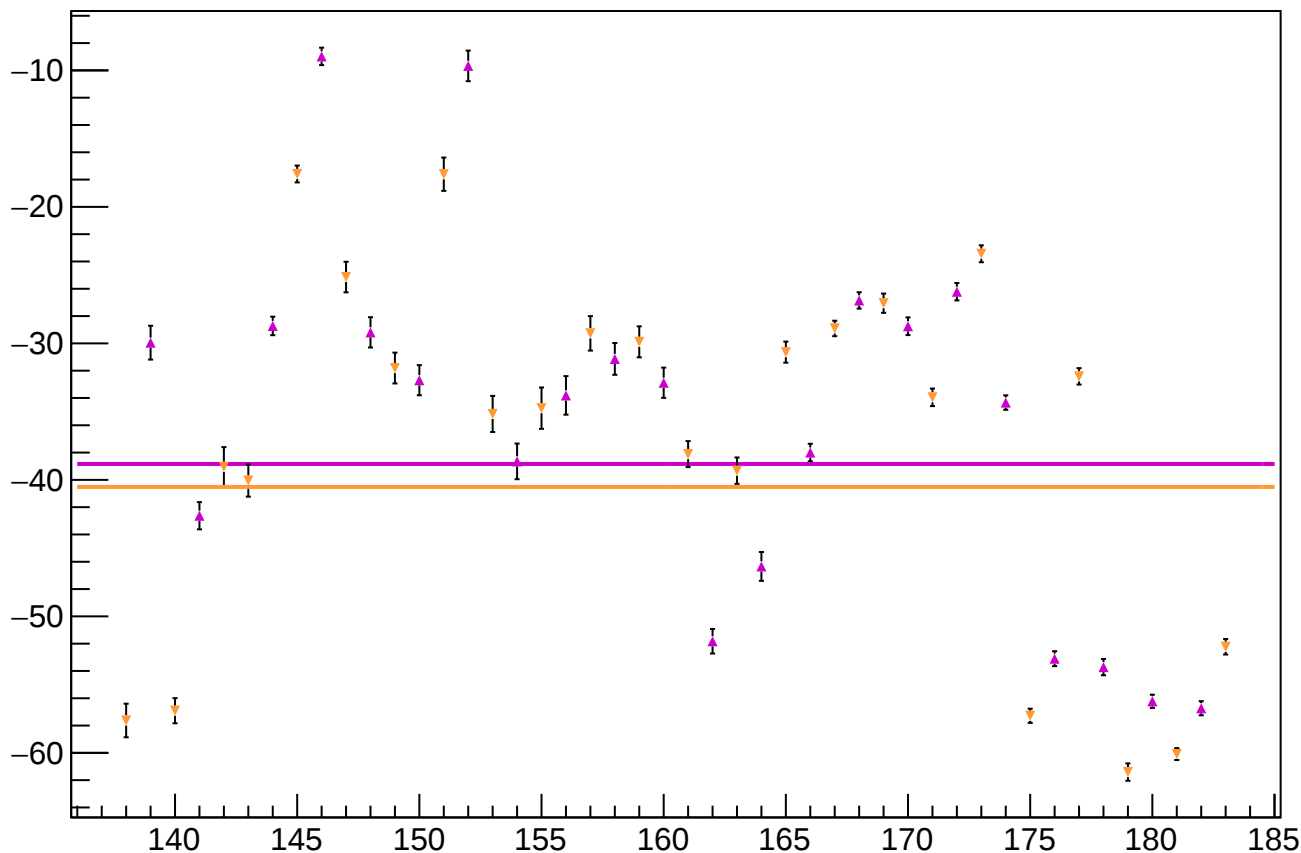
Right: -0.163 ± 0.049 $\chi^2/\text{NDF}: 1294.2/34$

In: 1.452 ± 0.016 $\chi^2/\text{NDF}: 1689.0/38$

Out: 1.484 ± 0.016 $\chi^2/\text{NDF}: 1993.1/41$

All: 1.468 ± 0.011 $\chi^2/\text{NDF}: 3684.2/80$

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -40.517 $\pm$ 0.155 χ^2/NDF : 9233.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -38.834 $\pm$ 0.156 χ^2/NDF : 8487.8/21

Left: -39.679 $\pm$ 0.110 χ^2/NDF : 17779.8/45

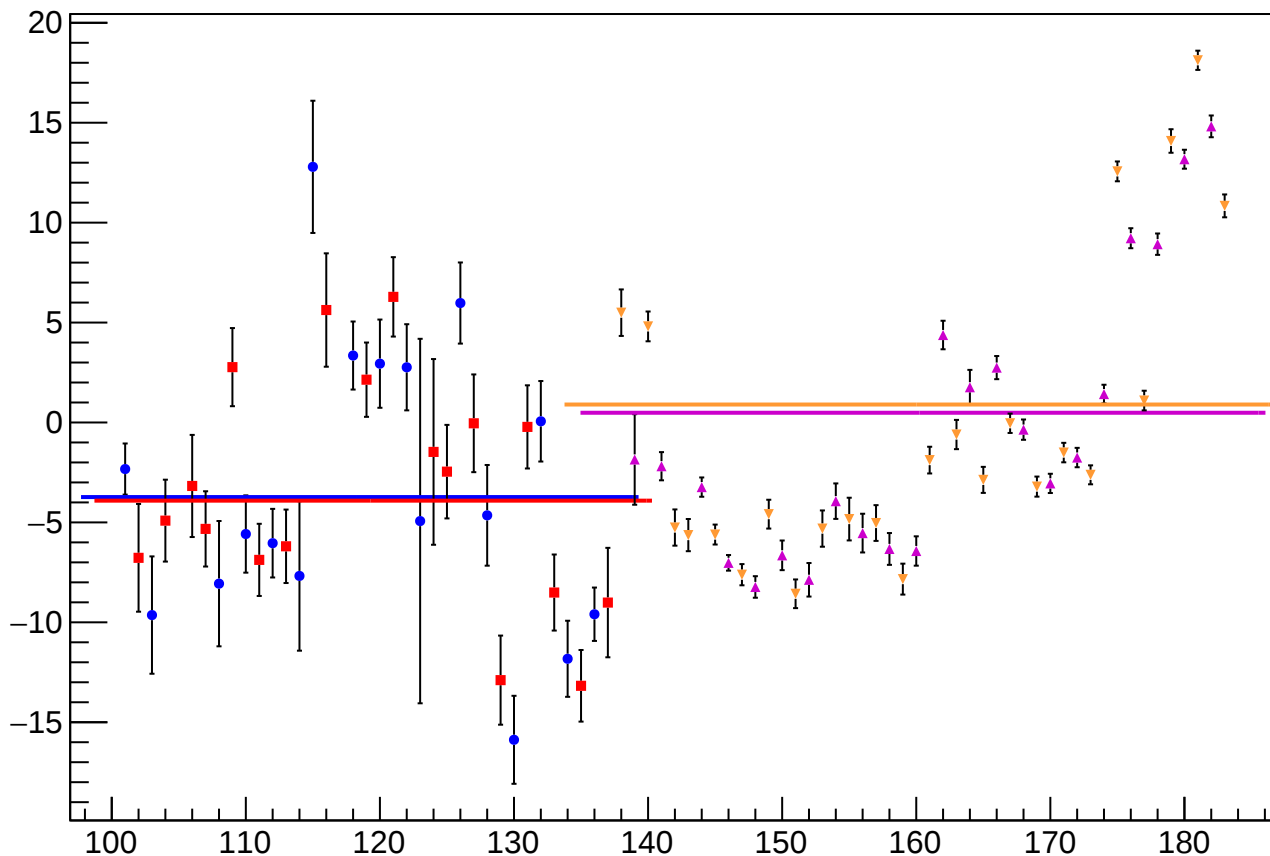
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -38.834 $\pm$ 0.156 χ^2/NDF : 8487.8/21

Out: -40.517 $\pm$ 0.155 χ^2/NDF : 9233.4/23

All: -39.679 $\pm$ 0.110 χ^2/NDF : 17779.8/45

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.899 ± 0.125 χ^2/NDF : 3904.1/23

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: 0.487 ± 0.125 χ^2/NDF : 3215.9/21

Left: 0.692 ± 0.089 χ^2/NDF : 7125.4/45

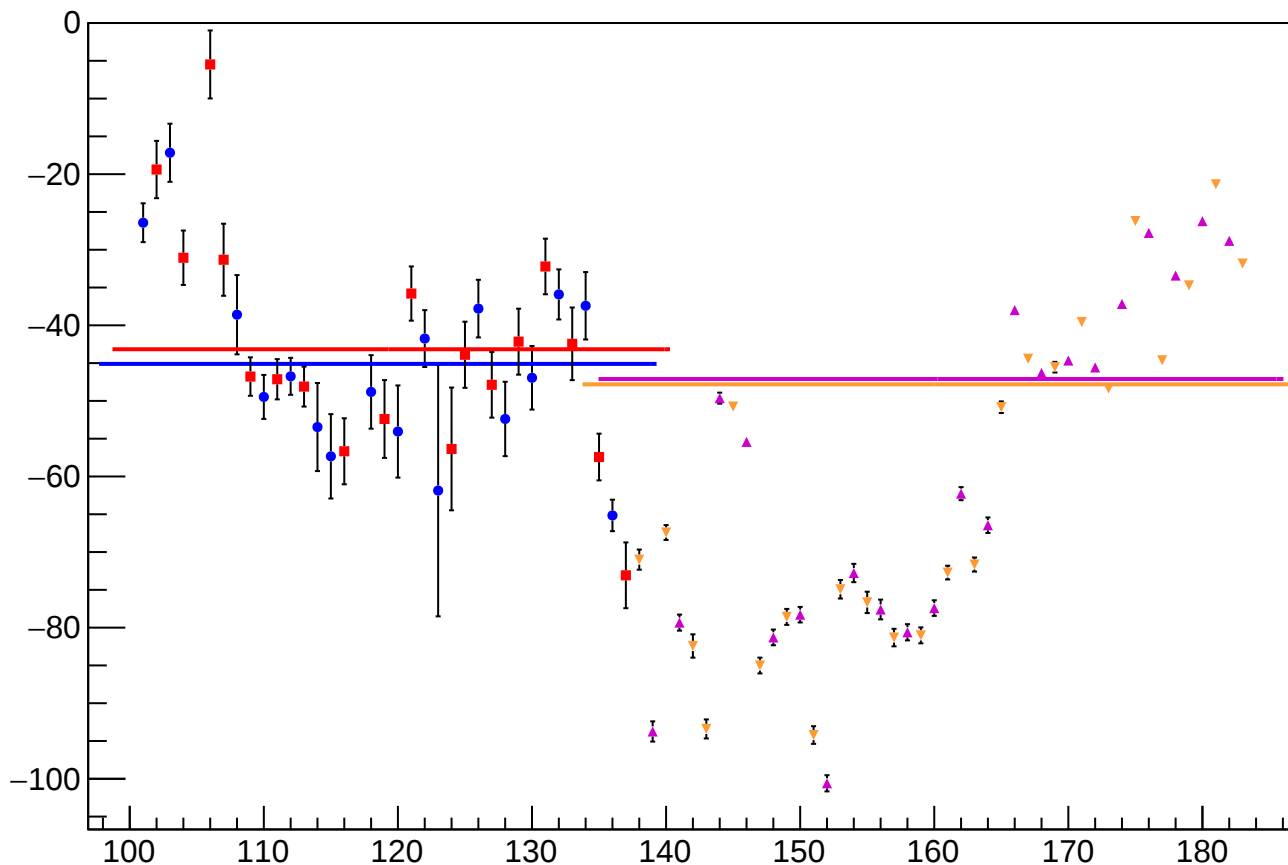
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: 0.235 ± 0.121 χ^2/NDF : 3449.8/38

Out: 0.621 ± 0.122 χ^2/NDF : 4113.7/41

All: 0.427 ± 0.086 χ^2/NDF : 7568.6/80

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -47.806 ± 0.156 χ^2/NDF : 16887.5/23

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -47.100 ± 0.156 χ^2/NDF : 15654.5/21

Left: -47.453 ± 0.111 χ^2/NDF : 32552.2/45

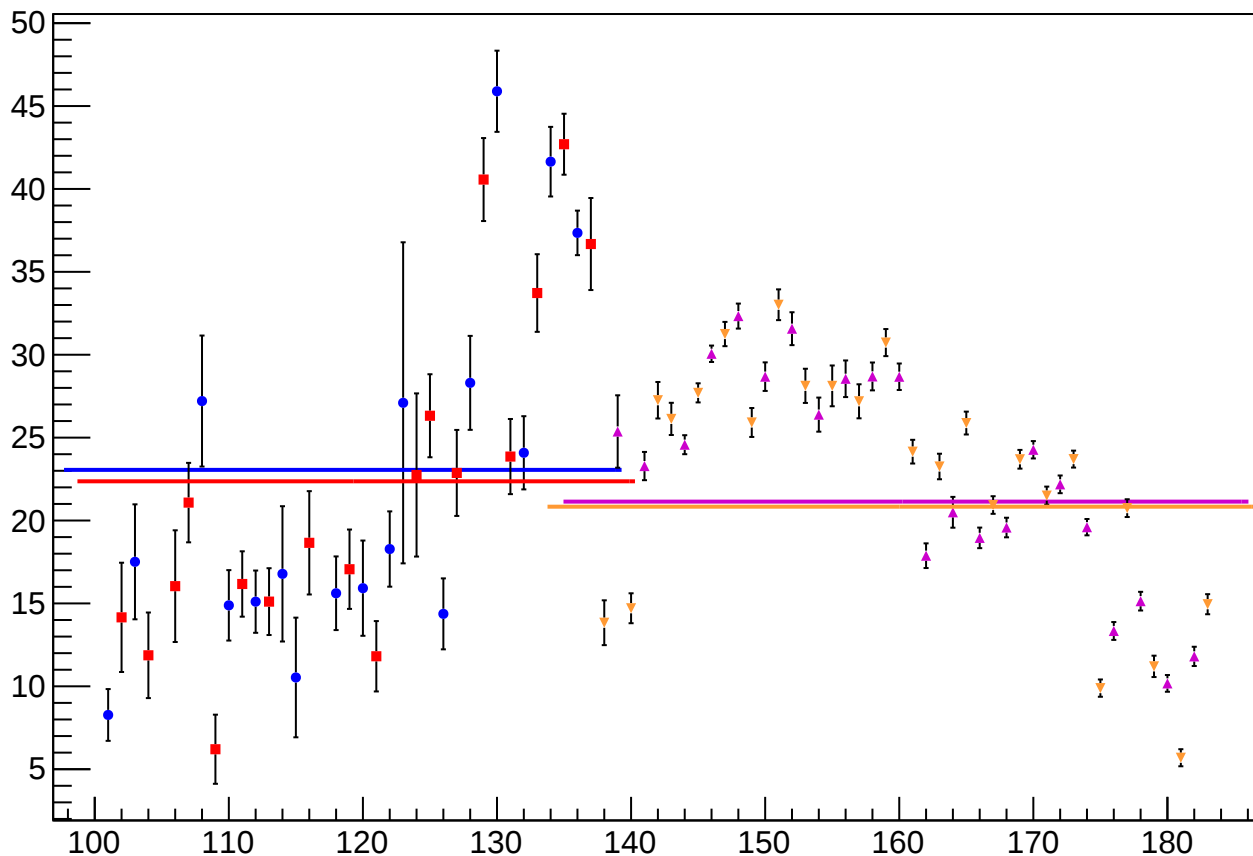
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -47.039 ± 0.154 χ^2/NDF : 15890.0/38

Out: -47.664 ± 0.154 χ^2/NDF : 17147.4/41

All: -47.352 ± 0.109 χ^2/NDF : 33045.6/80

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.834 $\pm$ 0.140 χ^2 /NDF:2723.4/23

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 21.140 $\pm$ 0.140 χ^2 /NDF:2161.7/21

Left: 20.987 $\pm$ 0.099 χ^2 /NDF: 4887.4/45

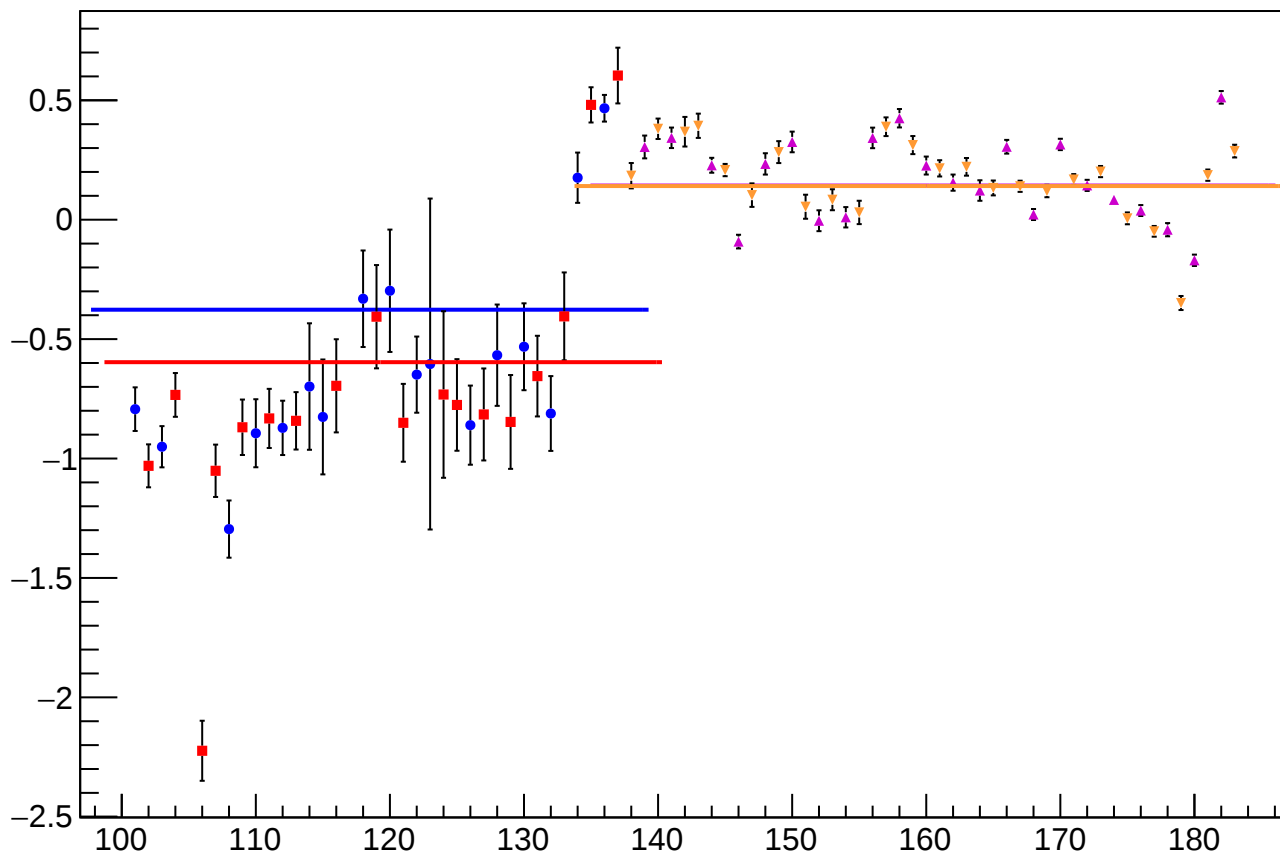
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 21.255 $\pm$ 0.136 χ^2 /NDF:2633.9/38

Out: 20.921 $\pm$ 0.136 χ^2 /NDF:3098.9/41

All: 21.088 $\pm$ 0.096 χ^2 /NDF: 5735.8/80

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.141 ± 0.006 $\chi^2/\text{NDF}: 587.8/23$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.143 ± 0.006 $\chi^2/\text{NDF}: 785.8/21$

Left: 0.142 ± 0.005 $\chi^2/\text{NDF}: 1373.7/45$

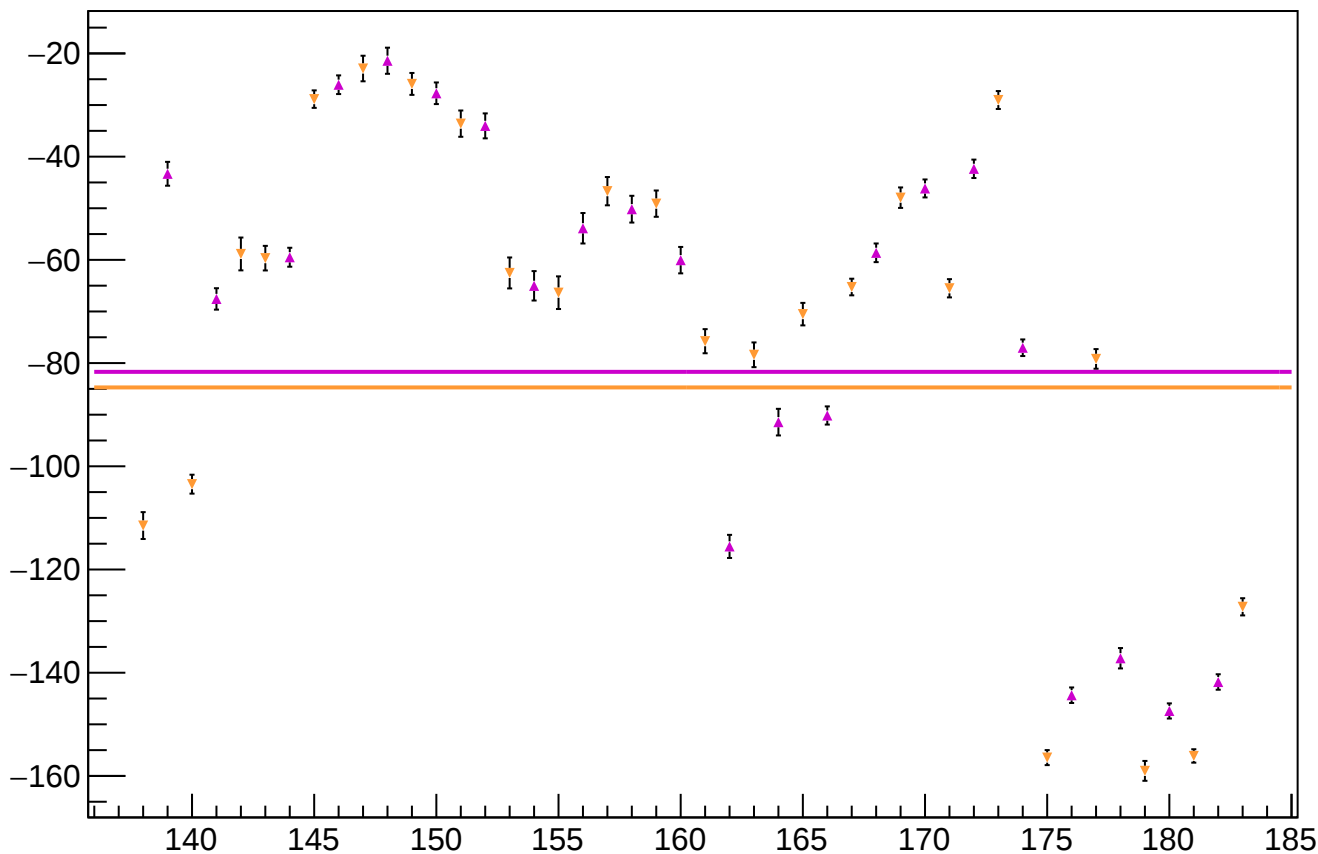
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.120 ± 0.006 $\chi^2/\text{NDF}: 1508.4/38$

Out: 0.109 ± 0.006 $\chi^2/\text{NDF}: 1708.0/41$

All: 0.115 ± 0.004 $\chi^2/\text{NDF}: 3218.0/80$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Left: -83.236+/-0.293 χ^2/NDF : 23912.1/45

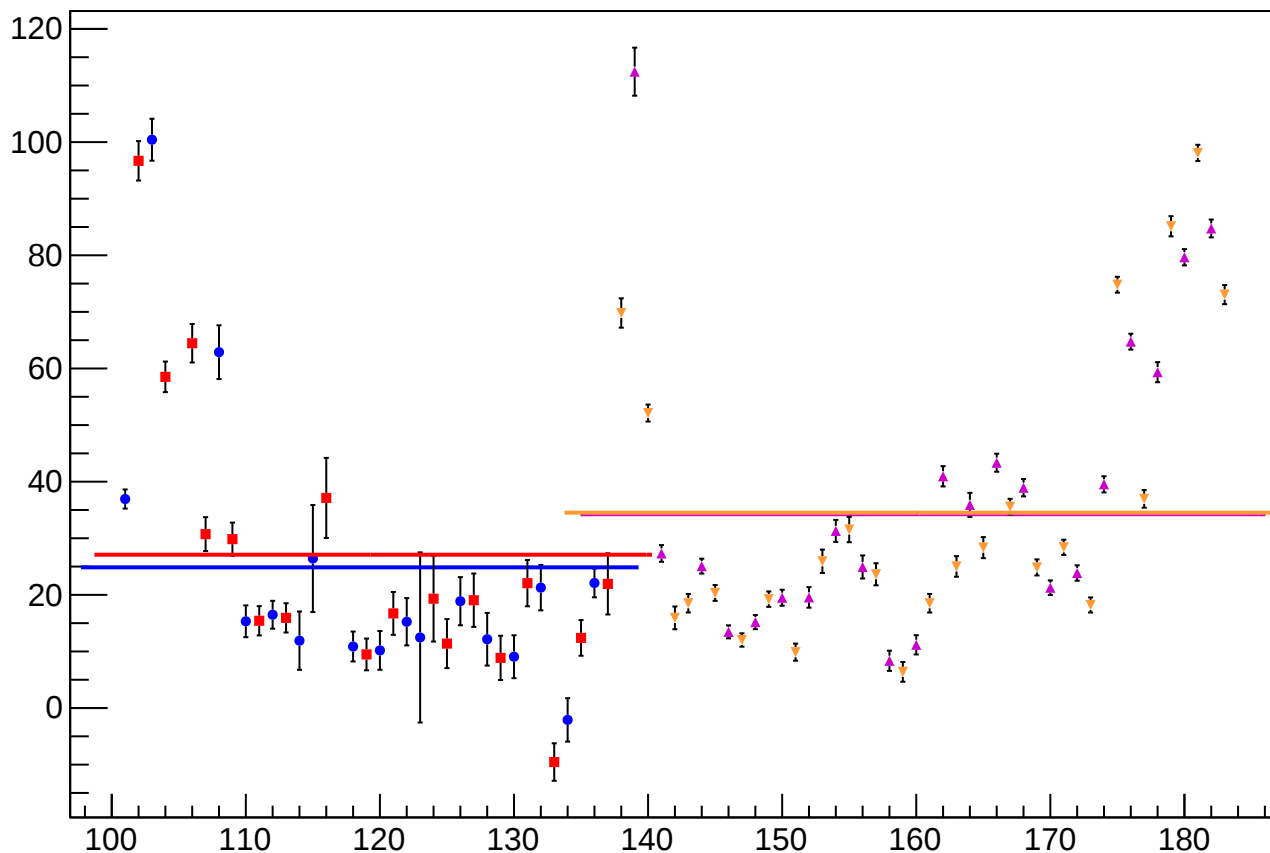
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Out: -84.719+/-0.410 χ^2/NDF :13036.2/23

All: -83.236+/-0.293 χ^2/NDF : 23912.1/45

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 34.523 ± 0.323 χ^2/NDF : 6140.6/23

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 34.241 ± 0.331 χ^2/NDF : 4486.1/21

Left: 34.386 ± 0.231 χ^2/NDF : 10627.0/45

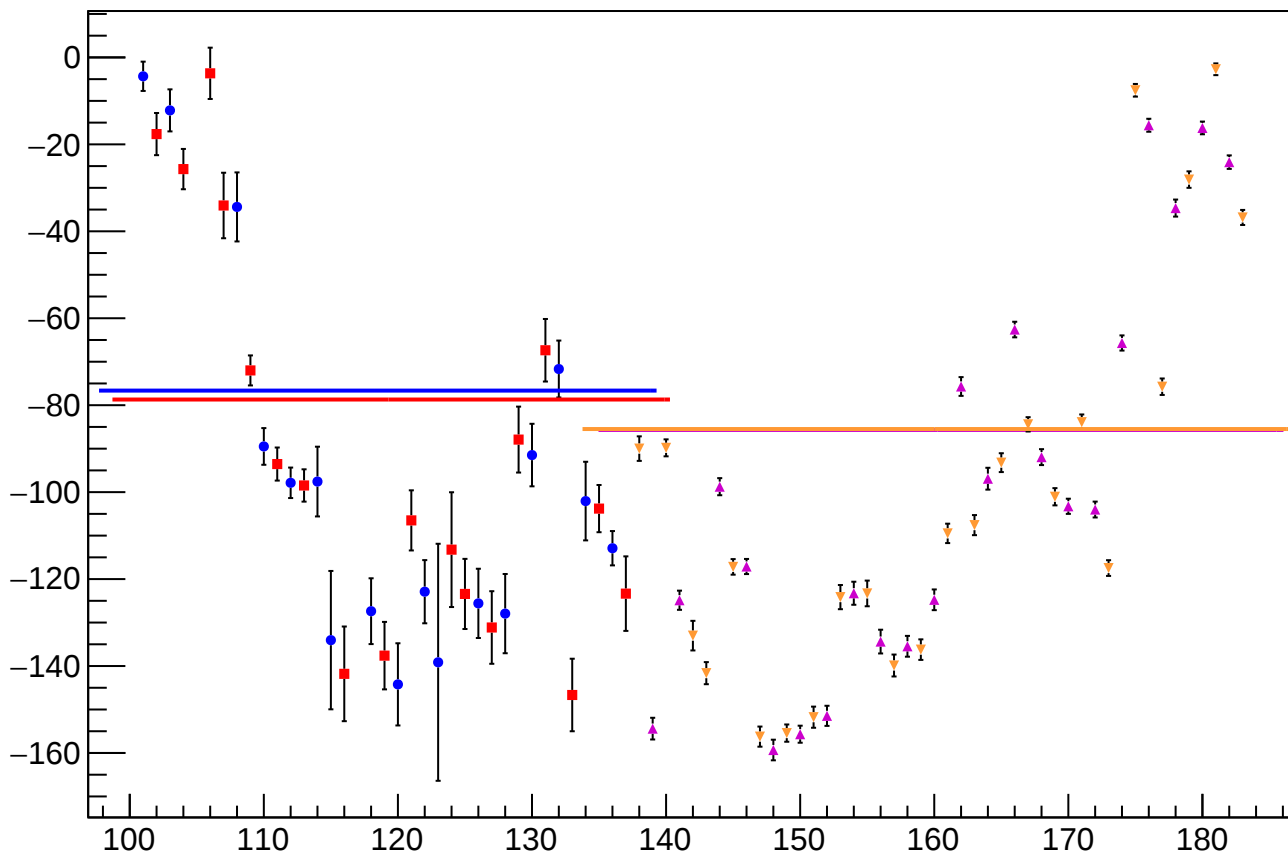
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 32.879 ± 0.306 χ^2/NDF : 5294.0/38

Out: 33.509 ± 0.300 χ^2/NDF : 7143.9/41

All: 33.200 ± 0.214 χ^2/NDF : 12440.0/80

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -85.484 ± 0.412 χ^2/NDF : 14145.4/23

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -85.695 ± 0.417 χ^2/NDF : 12980.9/21

Left: -85.588 ± 0.293 χ^2/NDF : 27126.3/45

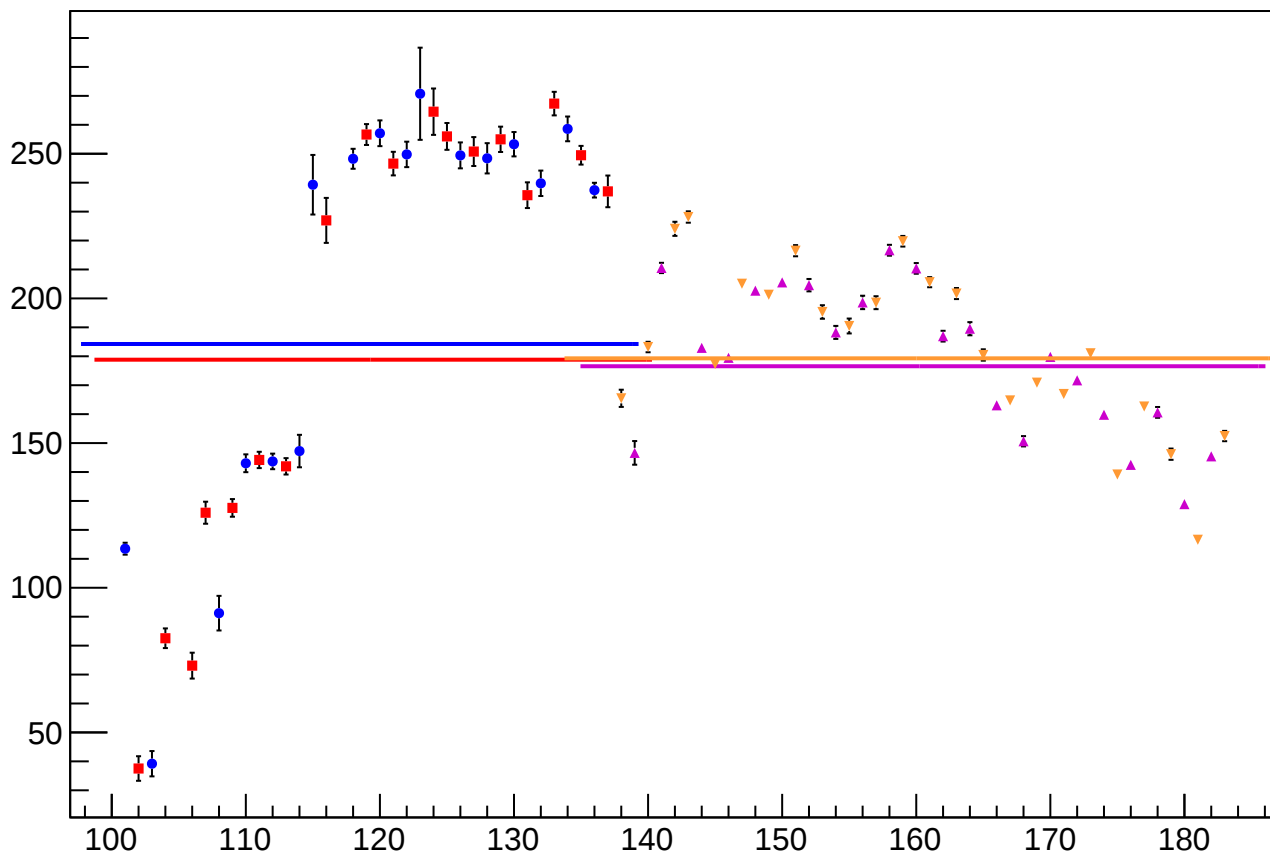
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -84.970 ± 0.400 χ^2/NDF : 14059.3/38

Out: -84.913 ± 0.395 χ^2/NDF : 15004.6/41

All: -84.941 ± 0.281 χ^2/NDF : 29063.9/80

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: 179.290 $\pm$ 0.365 χ^2 /NDF: 5984.1/23

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 176.558 $\pm$ 0.373 χ^2 /NDF: 4436.8/21

Left: 177.952 $\pm$ 0.261 χ^2 /NDF: 10448.3/45

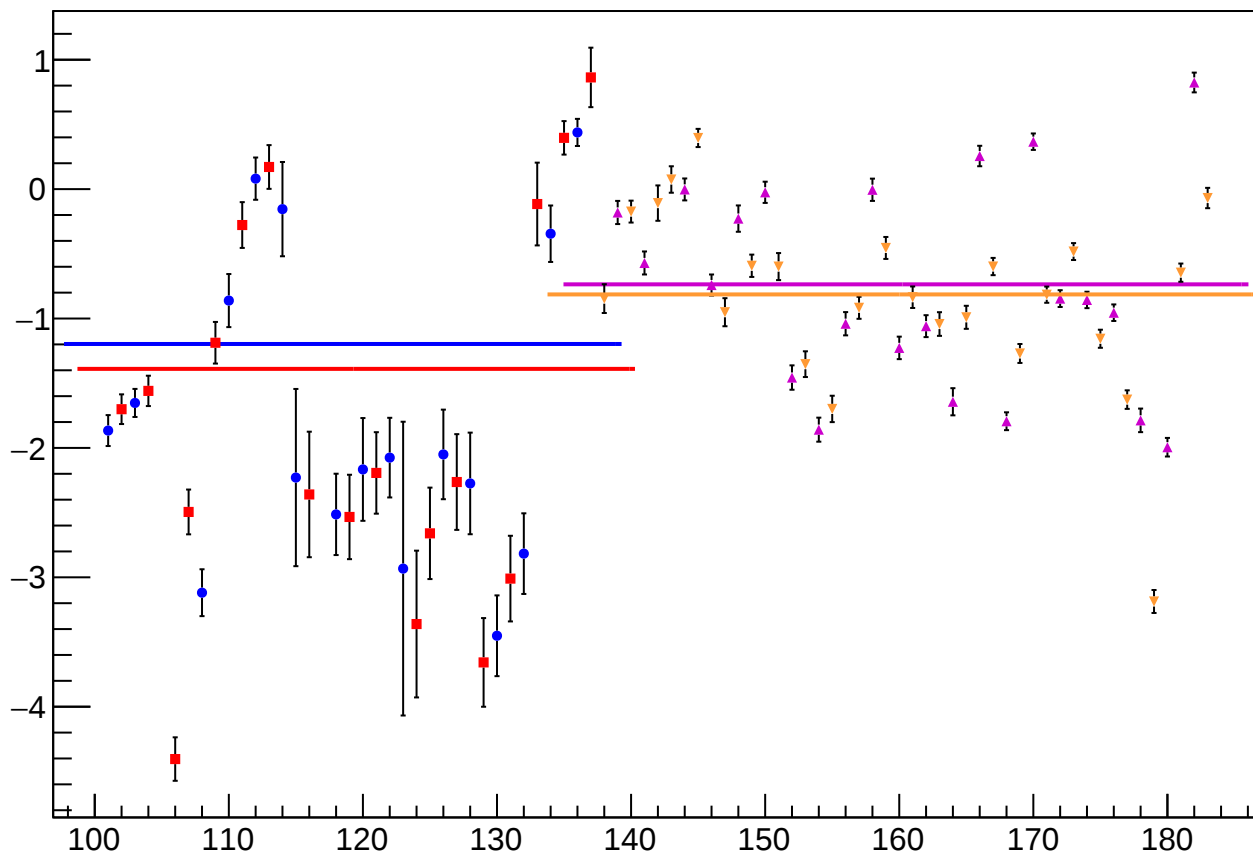
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 177.651 $\pm$ 0.345 χ^2 /NDF: 9885.9/38

Out: 179.227 $\pm$ 0.340 χ^2 /NDF: 12155.3/41

All: 178.452 $\pm$ 0.242 χ^2 /NDF: 22051.7/80

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.814 ± 0.017 χ^2/NDF : 1640.1/23

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.736 ± 0.017 χ^2/NDF : 2196.4/21

Left: -0.775 ± 0.012 χ^2/NDF : 3847.2/45

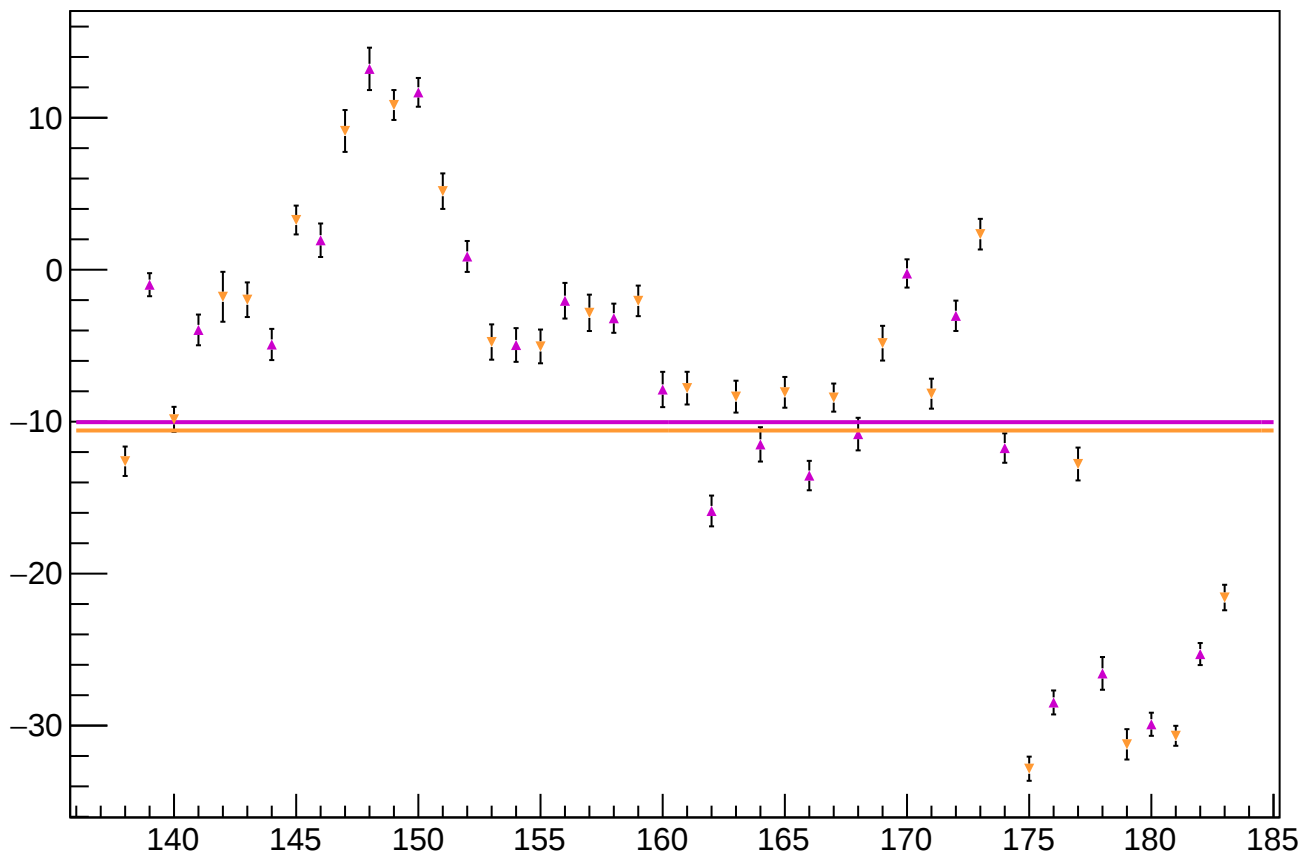
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.787 ± 0.016 χ^2/NDF : 2899.5/38

Out: -0.881 ± 0.016 χ^2/NDF : 2700.0/41

All: -0.835 ± 0.011 χ^2/NDF : 5617.1/80

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.032+/-0.206 χ^2/NDF :3478.9/21

Left: -10.310+/-0.145 χ^2/NDF : 7348.8/45

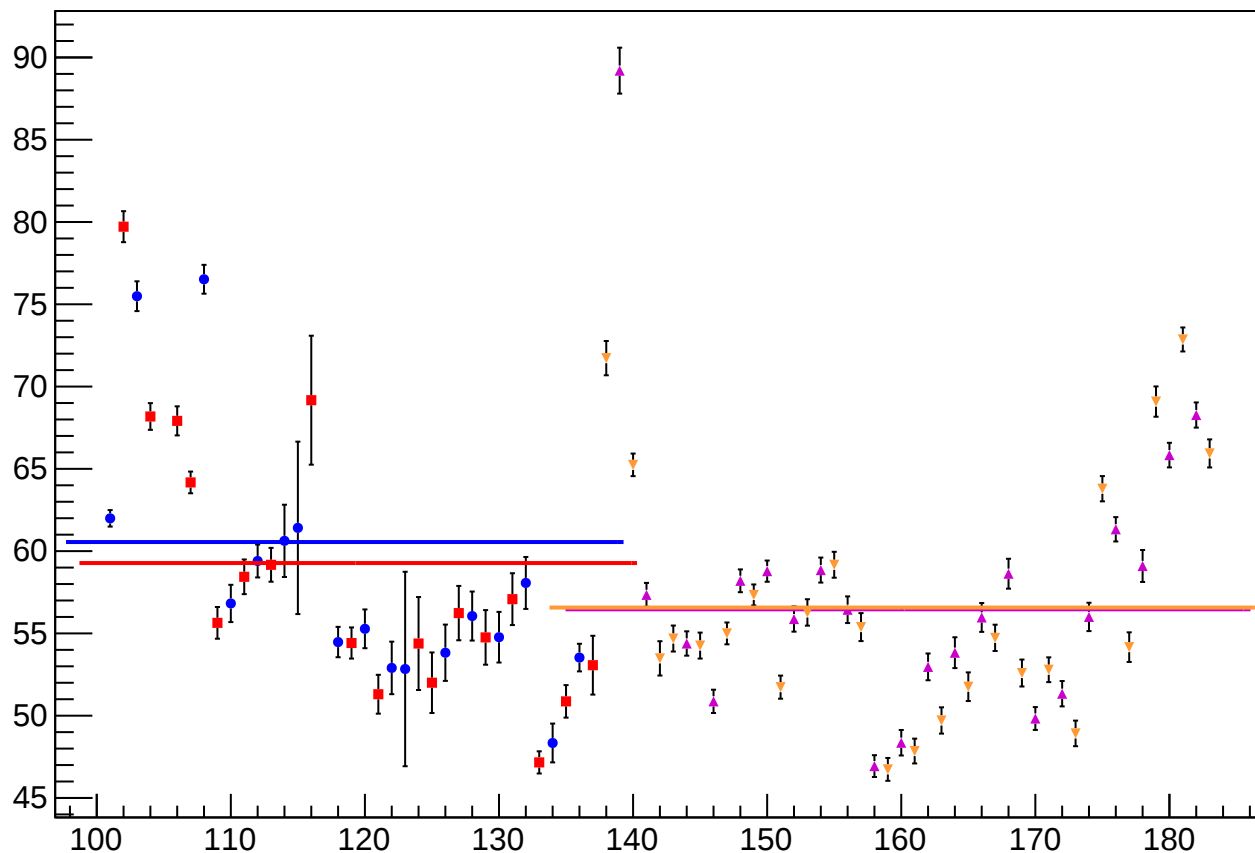
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.032+/-0.206 χ^2/NDF :3478.9/21

Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

All: -10.310+/-0.145 χ^2/NDF : 7348.8/45

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16

Left Out: 56.571 $\pm$ 0.160 χ^2 /NDF:1953.5/23

Right Out: 59.276 $\pm$ 0.249 χ^2 /NDF: 1274.8/17

Left In: 56.463 $\pm$ 0.166 χ^2 /NDF:1581.8/21

Left: 56.519 $\pm$ 0.115 χ^2 /NDF: 3535.5/45

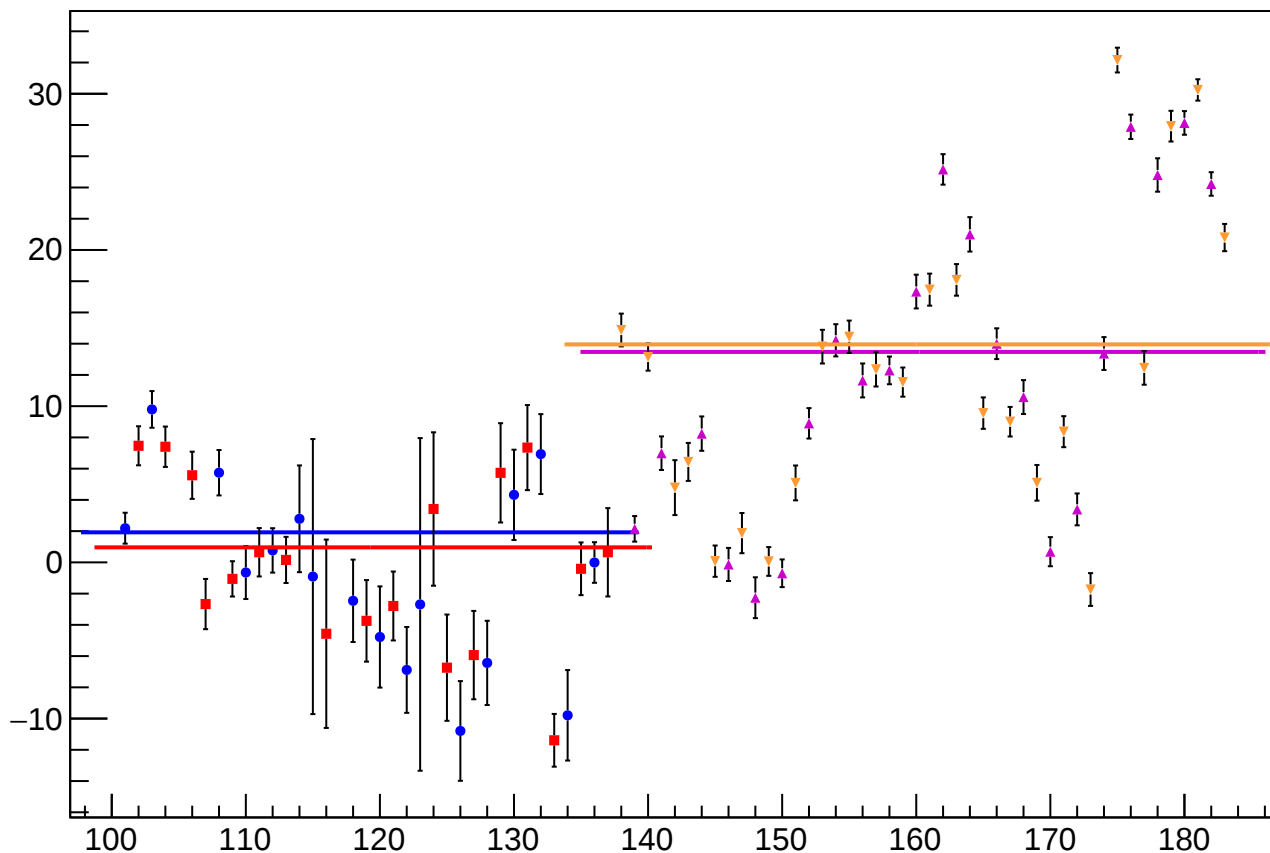
Right: 59.882 $\pm$ 0.180 χ^2 /NDF: 2218.3/34

In: 57.636 $\pm$ 0.140 χ^2 /NDF:2686.8/38

Out: 57.362 $\pm$ 0.135 χ^2 /NDF:3311.9/41

All: 57.493 $\pm$ 0.097 χ^2 /NDF: 6000.7/80

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.955 ± 0.203 χ^2/NDF : 2396.1/23

Right Out: 0.962 ± 0.430 χ^2/NDF : 150.1/17

Left In: 13.473 ± 0.205 χ^2/NDF : 2371.6/21

Left: 13.717 ± 0.144 χ^2/NDF : 4770.4/45

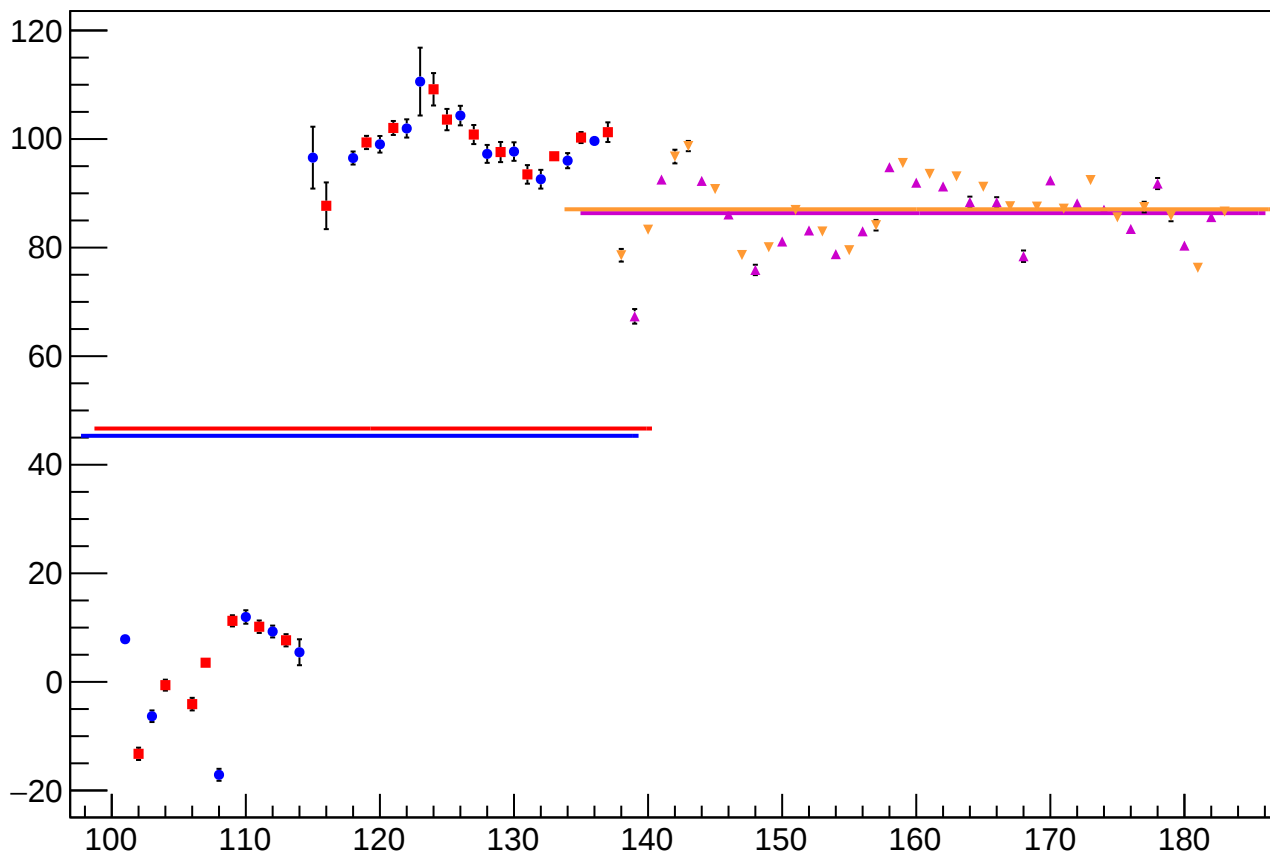
Right: 1.411 ± 0.313 χ^2/NDF : 273.5/34

In: 11.541 ± 0.187 χ^2/NDF : 3021.6/38

Out: 11.580 ± 0.184 χ^2/NDF : 3293.5/41

All: 11.561 ± 0.131 χ^2/NDF : 6315.1/80

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 87.058+/-0.181 χ^2/NDF :1084.4/23

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 86.348+/-0.186 χ^2/NDF :1024.1/21

Left: 86.713+/-0.129 χ^2/NDF : 2116.0/45

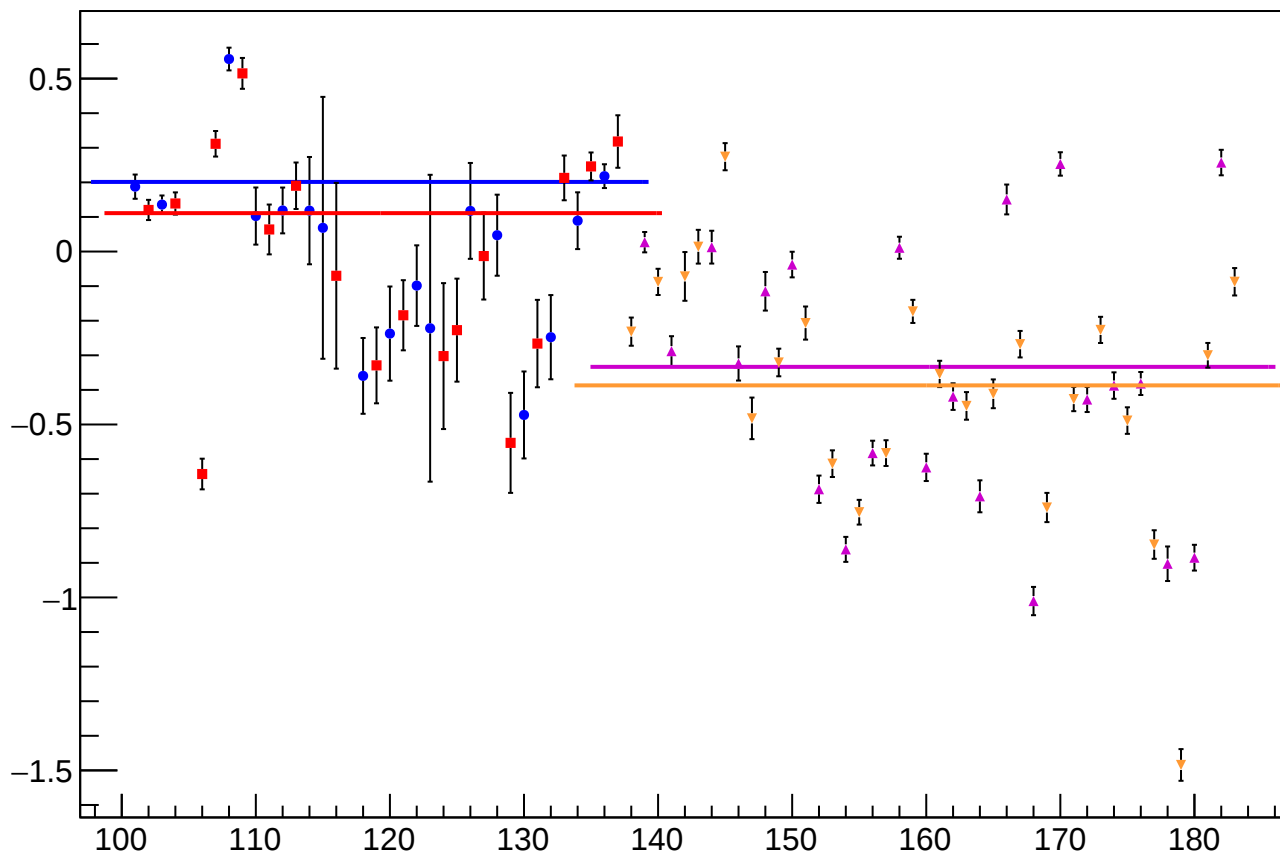
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 75.183+/-0.158 χ^2/NDF :39315.3/38

Out: 75.824+/-0.153 χ^2/NDF :42906.0/41

All: 75.513+/-0.110 χ^2/NDF : 82229.8/80

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.387 ± 0.008 χ^2/NDF : 1546.1/23

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.333 ± 0.008 χ^2/NDF : 2185.4/21

Left: -0.360 ± 0.006 χ^2/NDF : 3752.7/45

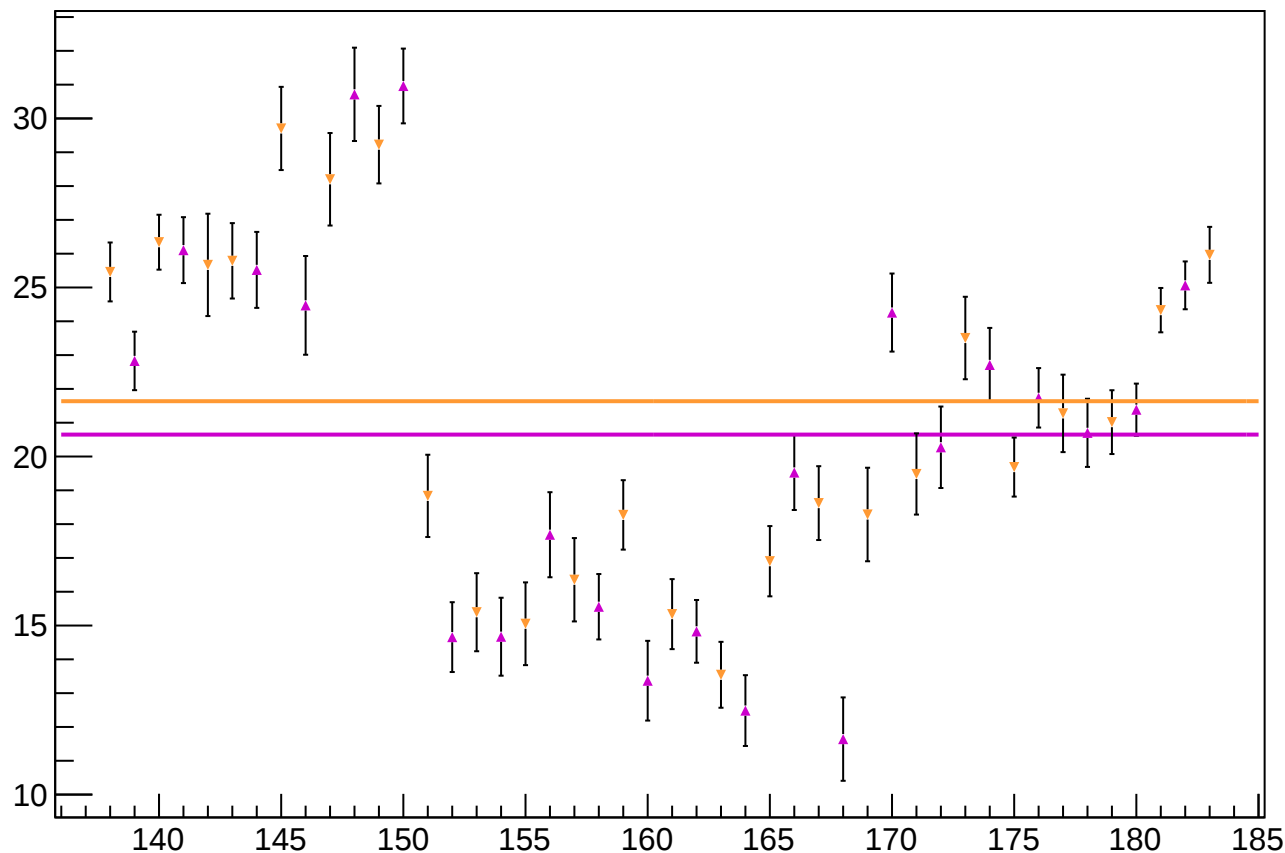
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.197 ± 0.007 χ^2/NDF : 3482.1/38

Out: -0.247 ± 0.007 χ^2/NDF : 3064.4/41

All: -0.223 ± 0.005 χ^2/NDF : 6572.3/80

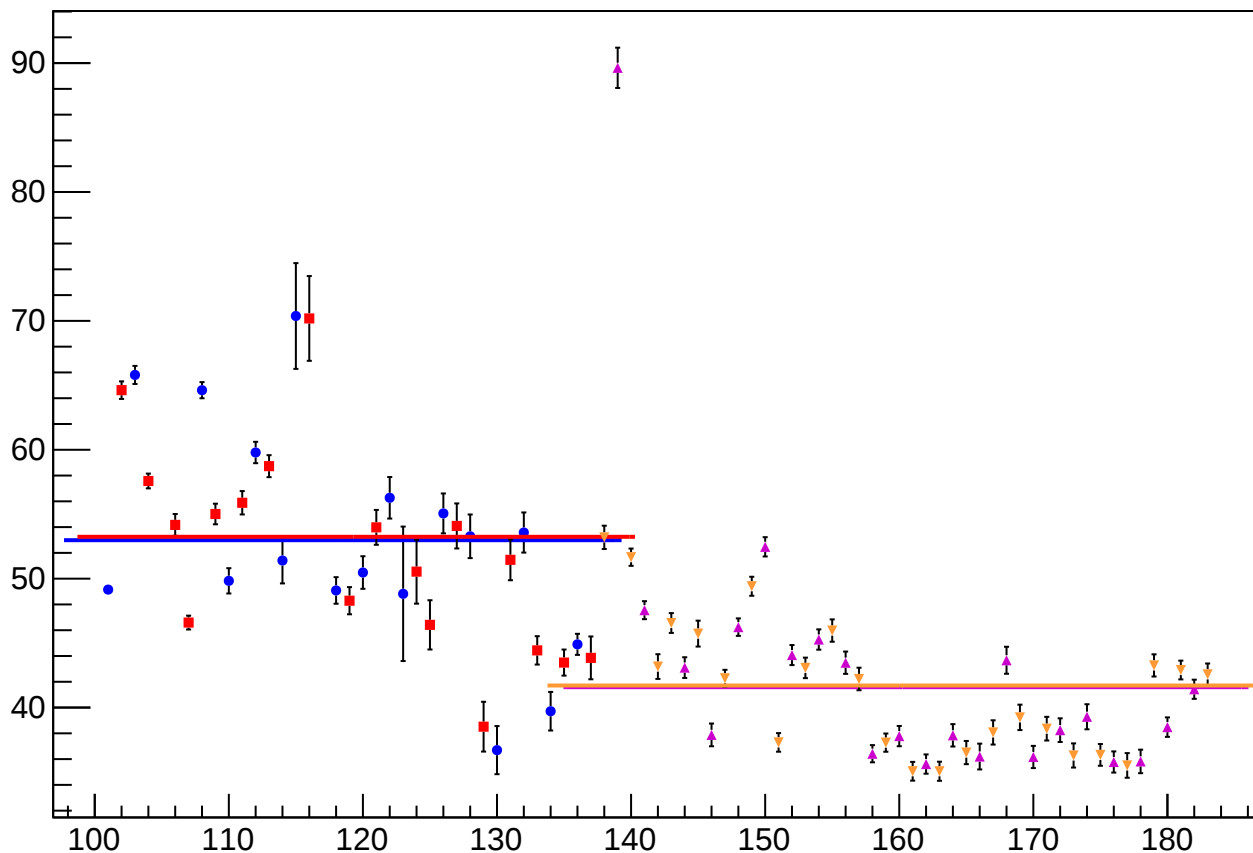
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21

Left: 21.159 $\pm$ 0.152 χ^2 /NDF: 1026.7/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21
 Out: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23
 All: 21.159 $\pm$ 0.152 χ^2 /NDF: 1026.7/45

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: 41.710 $\pm$ 0.166 χ^2 /NDF: 1010.2/23

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.579 $\pm$ 0.175 χ^2 /NDF: 1698.7/21

Left: 41.648 $\pm$ 0.121 χ^2 /NDF: 2709.2/45

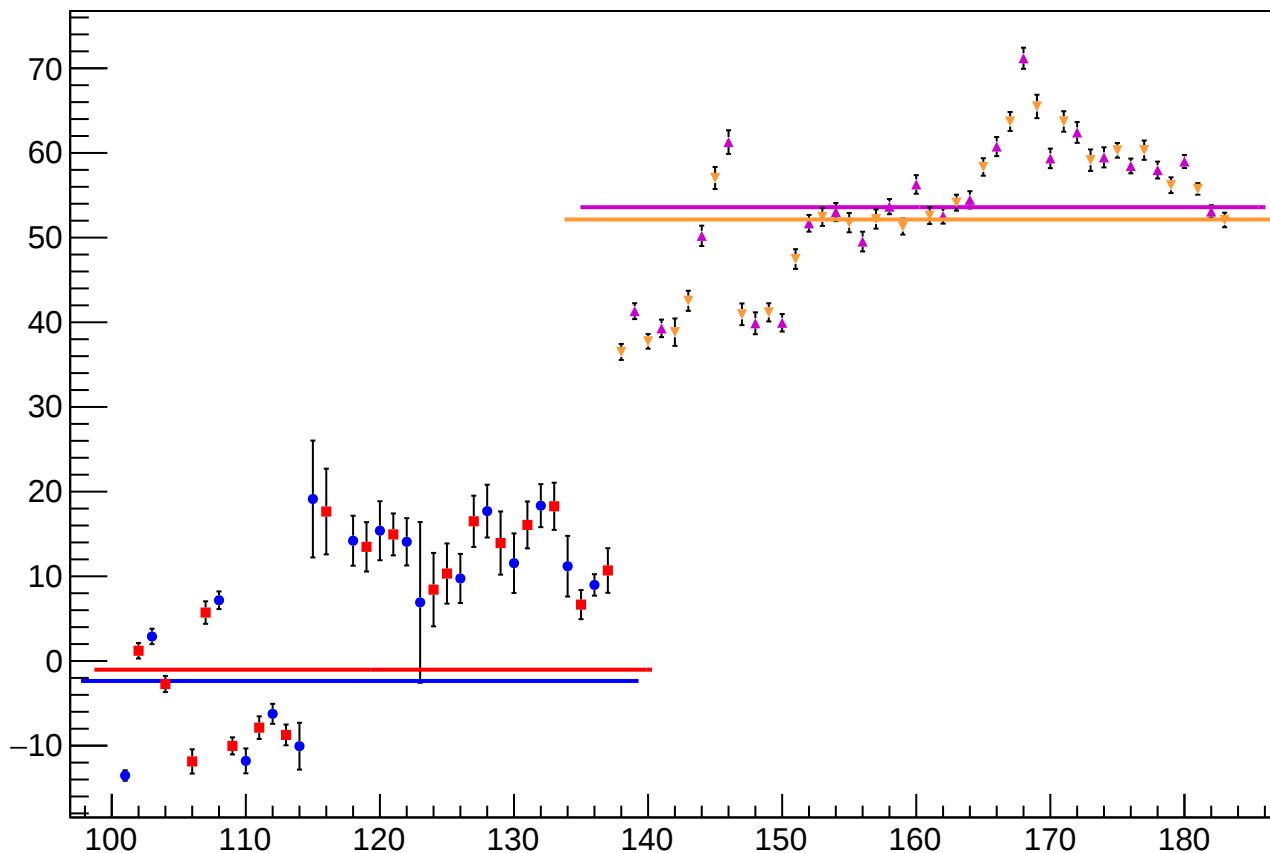
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.251 $\pm$ 0.135 χ^2 /NDF: 4632.9/38

Out: 45.735 $\pm$ 0.134 χ^2 /NDF: 3543.3/41

All: 45.993 $\pm$ 0.095 χ^2 /NDF: 8183.6/80

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.141 ± 0.212 χ^2/NDF : 1446.1/23

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.592 ± 0.217 χ^2/NDF : 1151.4/21

Left: 52.847 ± 0.152 χ^2/NDF : 2620.3/45

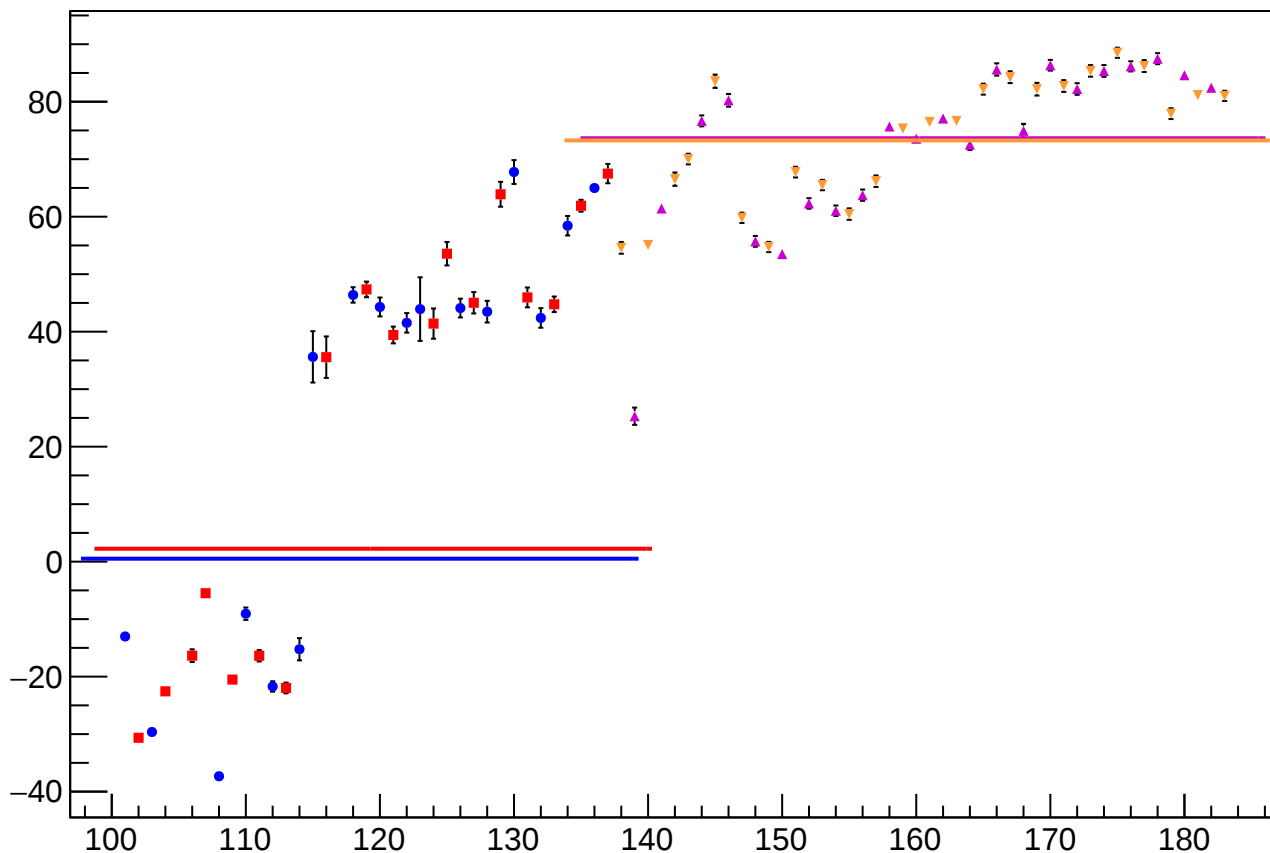
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 38.886 ± 0.187 χ^2/NDF : 19394.1/38

Out: 39.570 ± 0.185 χ^2/NDF : 16882.5/41

All: 39.231 ± 0.131 χ^2/NDF : 36283.4/80

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 73.266 ± 0.188 $\chi^2/\text{NDF}: 3144.7/23$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 73.641 ± 0.196 $\chi^2/\text{NDF}: 3897.1/21$

Left: 73.446 ± 0.136 $\chi^2/\text{NDF}: 7043.7/45$

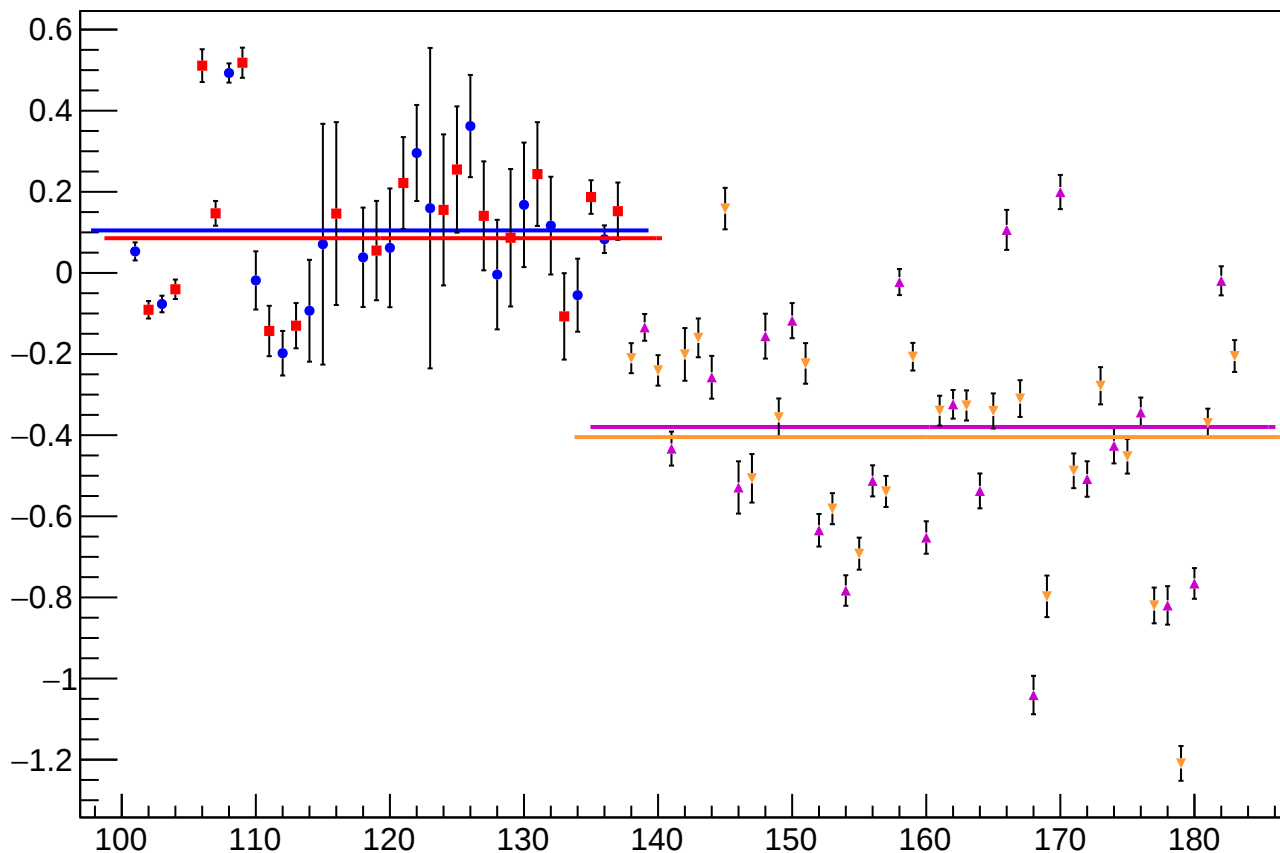
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 45.376 ± 0.154 $\chi^2/\text{NDF}: 76080.2/38$

Out: 49.742 ± 0.154 $\chi^2/\text{NDF}: 65695.4/41$

All: 47.554 ± 0.109 $\chi^2/\text{NDF}: 142179.0/80$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.405 ± 0.009 $\chi^2/\text{NDF}: 894.8/23$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.380 ± 0.009 $\chi^2/\text{NDF}: 1256.5/21$

Left: -0.392 ± 0.006 $\chi^2/\text{NDF}: 2155.5/45$

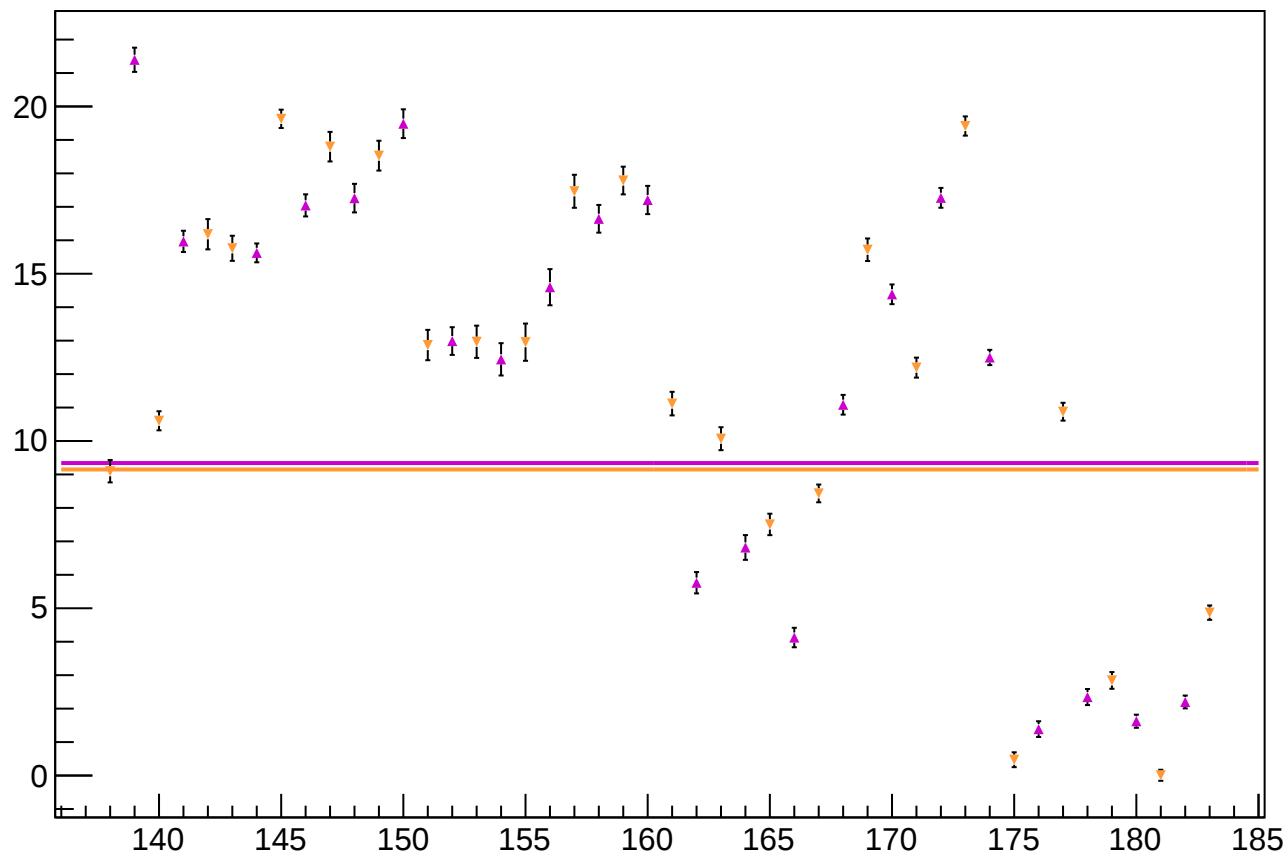
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.192 ± 0.007 $\chi^2/\text{NDF}: 2840.2/38$

Out: -0.220 ± 0.007 $\chi^2/\text{NDF}: 2501.4/41$

All: -0.206 ± 0.005 $\chi^2/\text{NDF}: 5349.5/80$

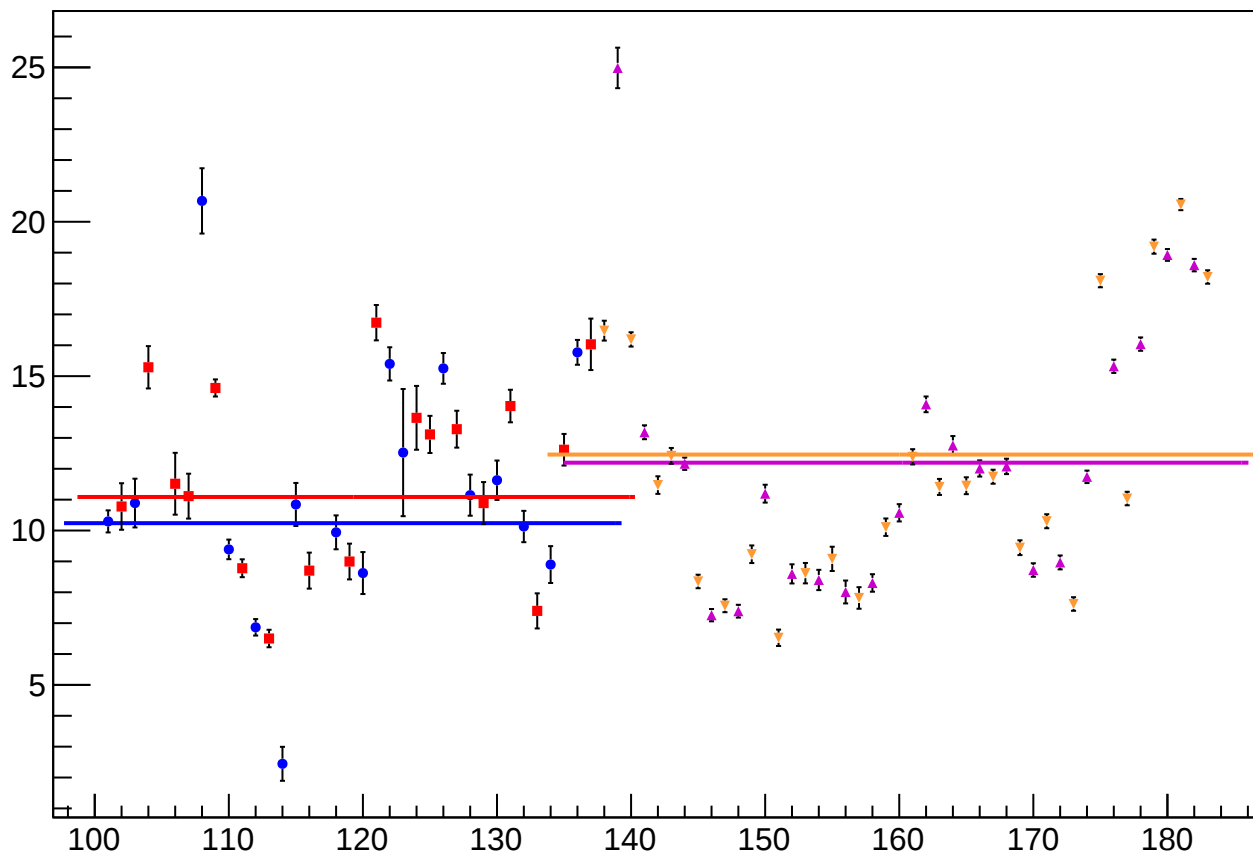
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.341+/-0.064 χ^2/NDF :11001.6/21

Left: 9.242+/-0.044 χ^2/NDF : 22354.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.341+/-0.064 χ^2/NDF :11001.6/21
 Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 All: 9.242+/-0.044 χ^2/NDF : 22354.3/45

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.460 $\pm$ 0.050 χ^2 /NDF: 7464.5/23

Right Out: 11.087 $\pm$ 0.116 χ^2 /NDF: 801.0/17

Left In: 12.197 $\pm$ 0.052 χ^2 /NDF: 5465.1/21

Left: 12.332 $\pm$ 0.036 χ^2 /NDF: 12943.0/45

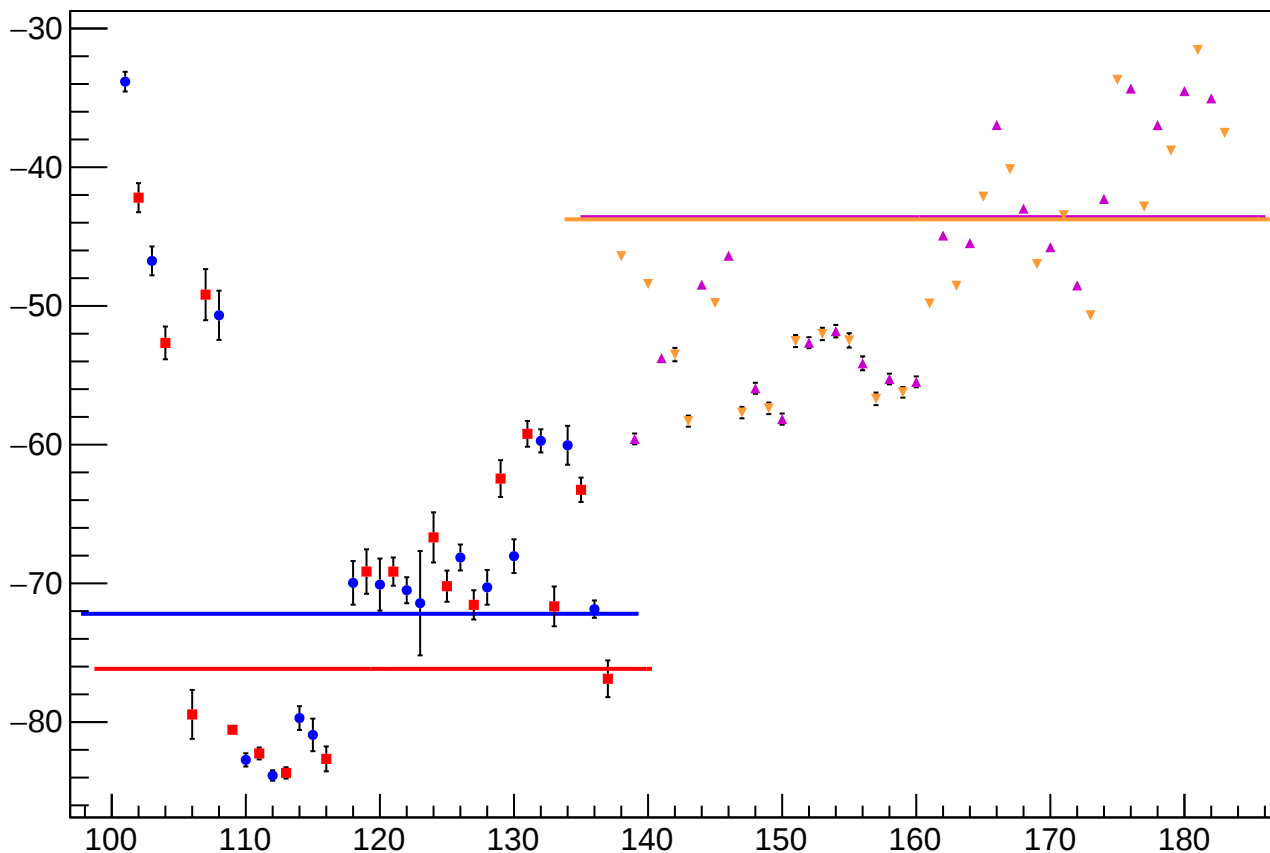
Right: 10.672 $\pm$ 0.083 χ^2 /NDF: 1694.4/34

In: 11.888 $\pm$ 0.047 χ^2 /NDF: 6560.1/38

Out: 12.245 $\pm$ 0.046 χ^2 /NDF: 8382.8/41

All: 12.071 $\pm$ 0.033 χ^2 /NDF: 14972.1/80

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: -43.756 ± 0.063 $\chi^2/\text{NDF}: 17190.6/23$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -43.600 ± 0.064 $\chi^2/\text{NDF}: 15574.2/21$

Left: -43.680 ± 0.045 $\chi^2/\text{NDF}: 32767.8/45$

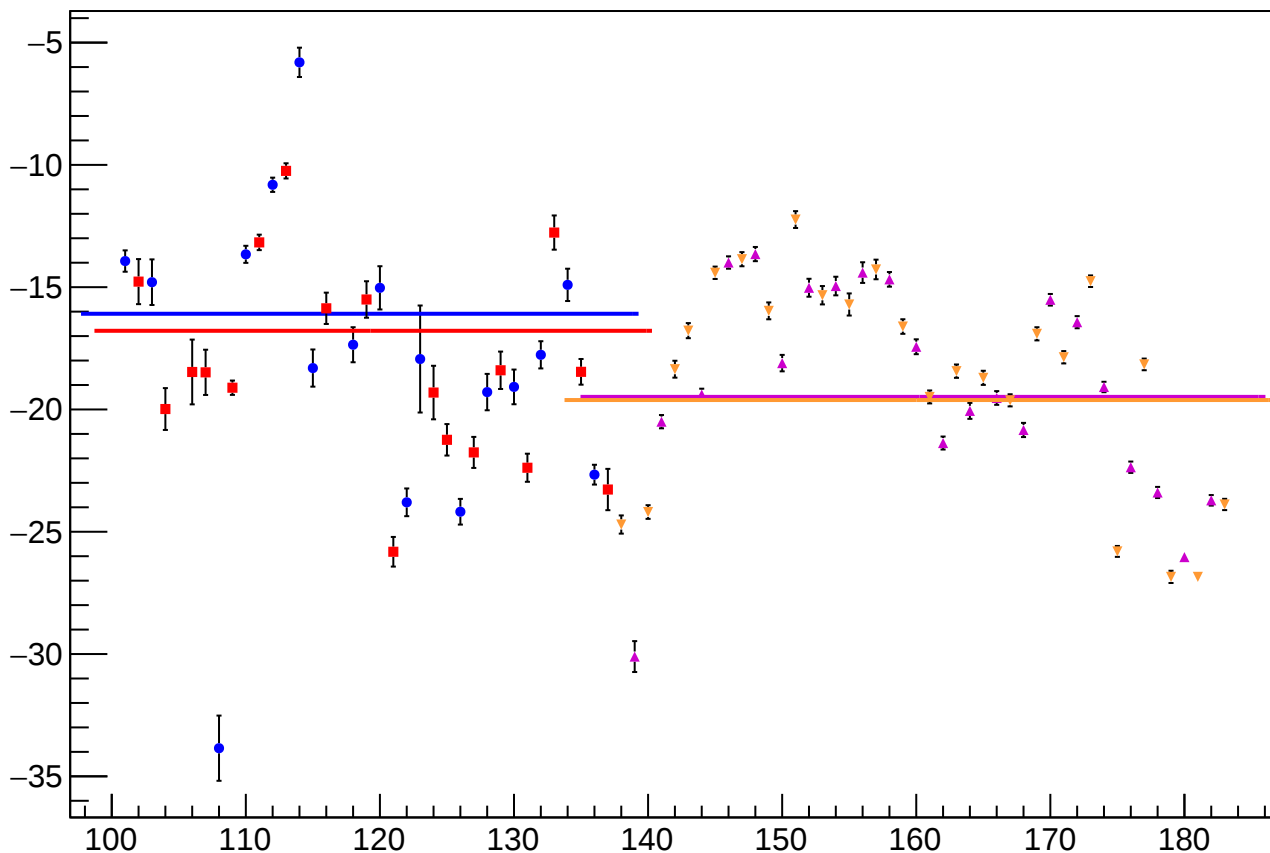
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -46.301 ± 0.061 $\chi^2/\text{NDF}: 39994.3/38$

Out: -47.212 ± 0.059 $\chi^2/\text{NDF}: 48975.4/41$

All: -46.769 ± 0.042 $\chi^2/\text{NDF}: 89084.9/80$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -19.615 ± 0.056 $\chi^2/\text{NDF}: 6384.9/23$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -19.485 ± 0.058 $\chi^2/\text{NDF}: 4300.2/21$

Left: -19.551 ± 0.040 $\chi^2/\text{NDF}: 10687.7/45$

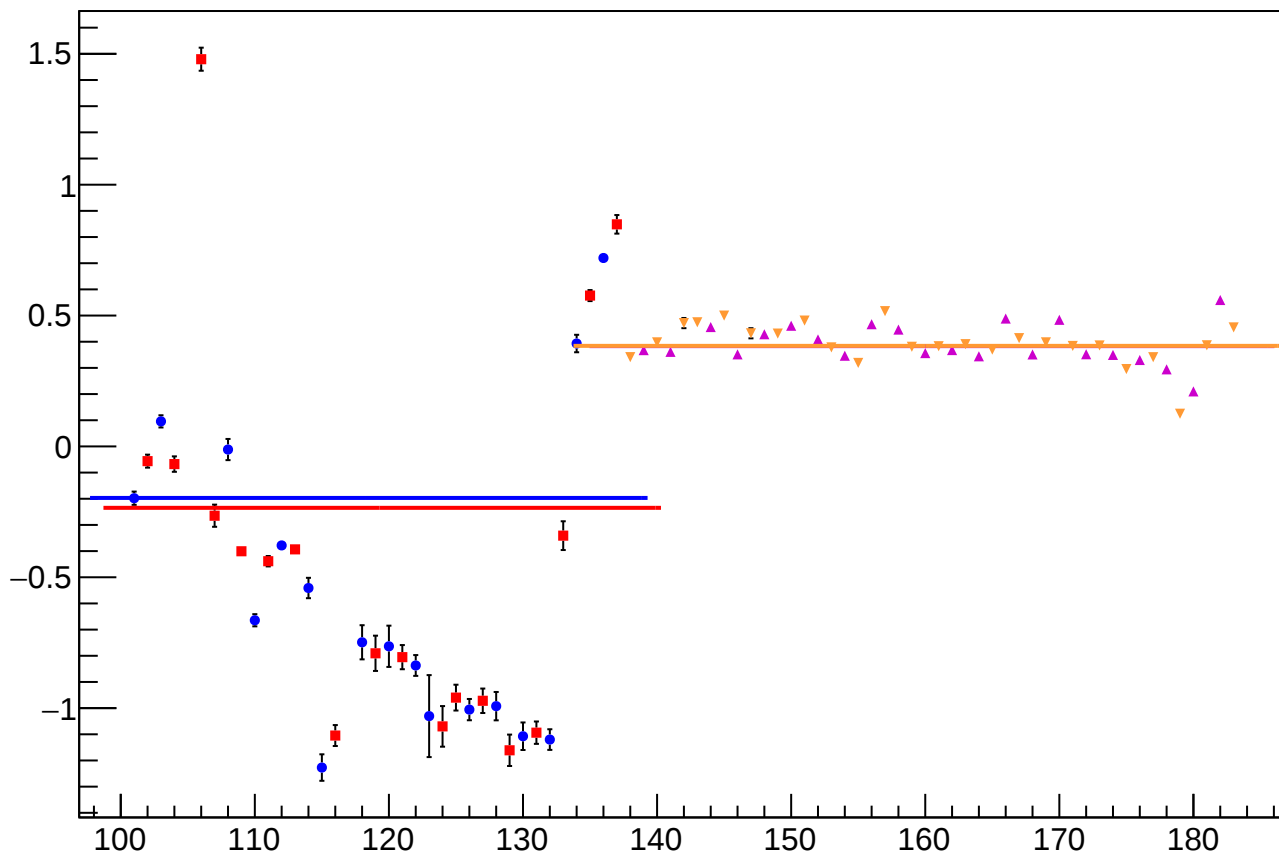
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -18.941 ± 0.053 $\chi^2/\text{NDF}: 6475.2/38$

Out: -19.156 ± 0.052 $\chi^2/\text{NDF}: 7997.8/41$

All: -19.051 ± 0.037 $\chi^2/\text{NDF}: 14481.4/80$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.384 ± 0.003 χ^2/NDF : 951.9/23

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.383 ± 0.003 χ^2/NDF : 1055.7/21

Left: 0.384 ± 0.002 χ^2/NDF : 2007.7/45

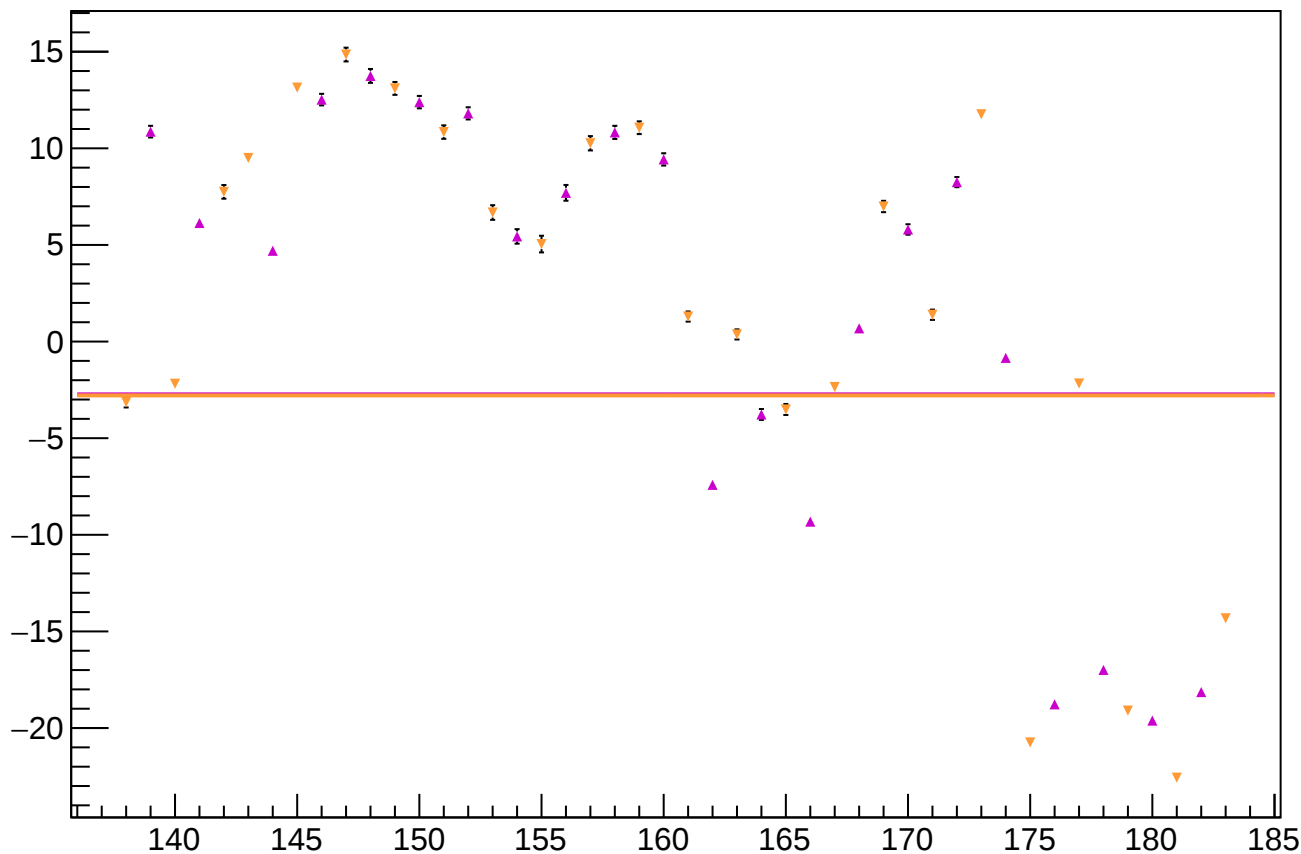
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.320 ± 0.002 χ^2/NDF : 12646.0/38

Out: 0.313 ± 0.002 χ^2/NDF : 13711.9/41

All: 0.316 ± 0.002 χ^2/NDF : 26362.1/80

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.733+/-0.055 χ^2/NDF : 46109.8/21

Left: -2.760+/-0.038 χ^2/NDF : 99977.0/45

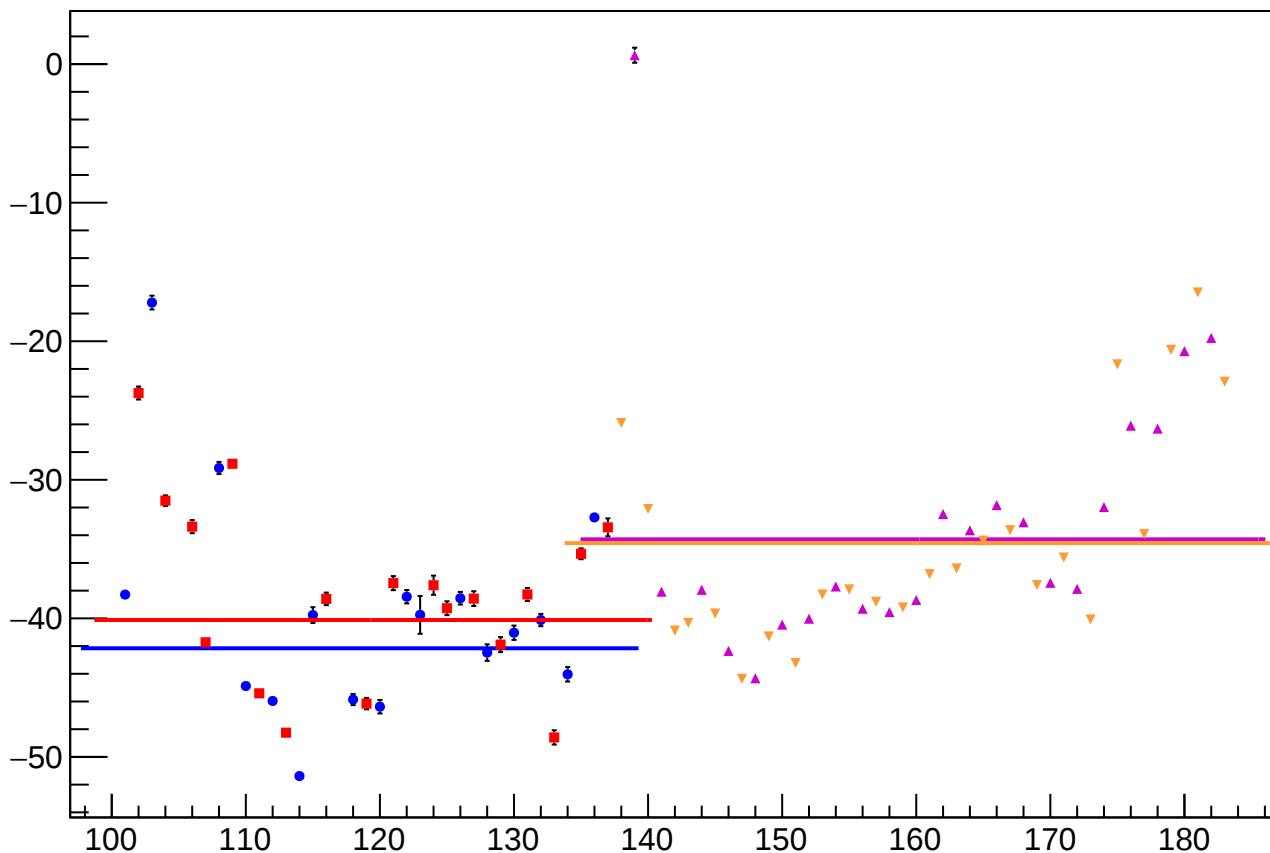
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.733+/-0.055 χ^2/NDF : 46109.8/21

Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23

All: -2.760+/-0.038 χ^2/NDF : 99977.0/45

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -34.572 ± 0.042 χ^2/NDF : 34483.2/23

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -34.297 ± 0.044 χ^2/NDF : 28144.4/21

Left: -34.441 ± 0.030 χ^2/NDF : 62647.9/45

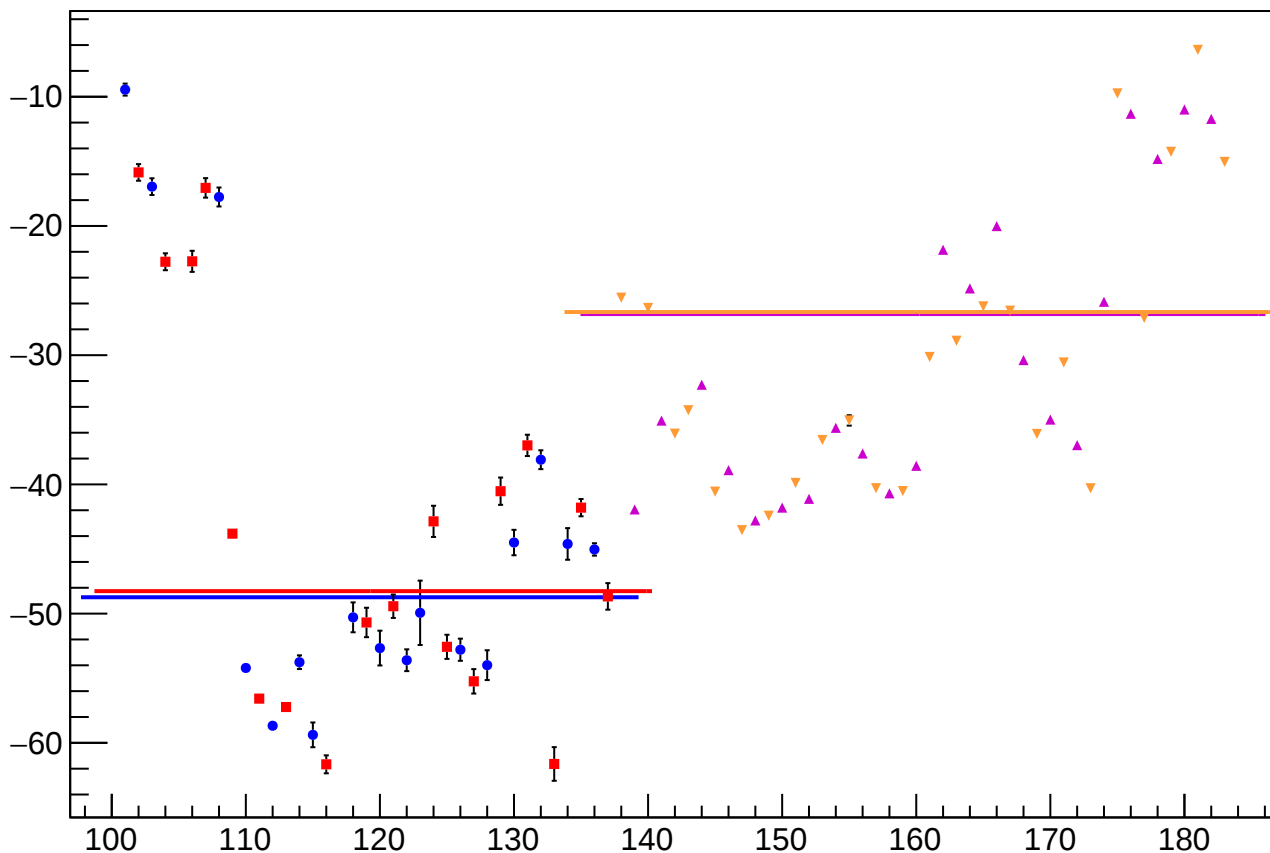
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -36.212 ± 0.038 χ^2/NDF : 42418.8/38

Out: -35.961 ± 0.036 χ^2/NDF : 49714.9/41

All: -36.080 ± 0.026 χ^2/NDF : 92156.1/80

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: -26.660 ± 0.054 $\chi^2/\text{NDF}: 47485.4/23$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -26.818 ± 0.055 $\chi^2/\text{NDF}: 42539.0/21$

Left: -26.736 ± 0.039 $\chi^2/\text{NDF}: 90028.6/45$

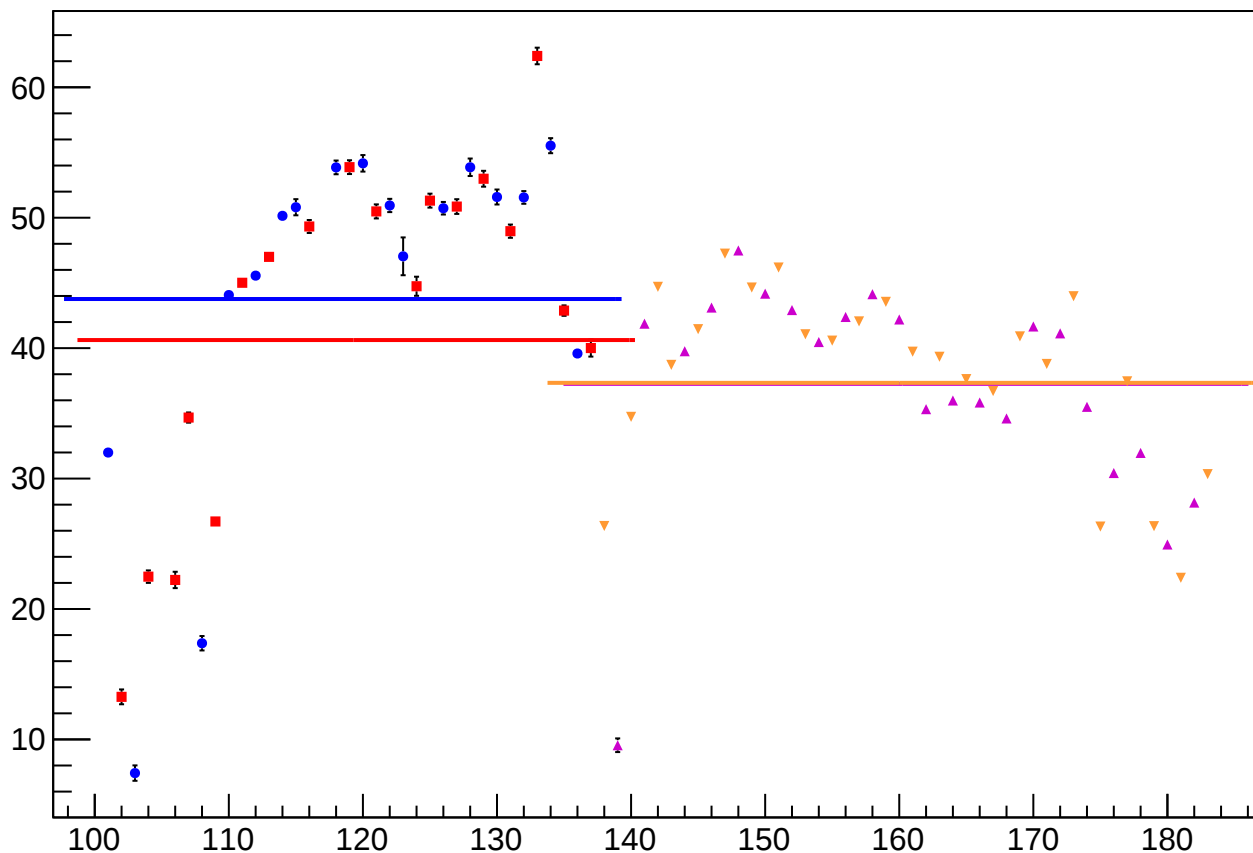
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -30.426 ± 0.051 $\chi^2/\text{NDF}: 83004.7/38$

Out: -30.973 ± 0.048 $\chi^2/\text{NDF}: 90928.9/41$

All: -30.714 ± 0.035 $\chi^2/\text{NDF}: 173995.0/80$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 ± 0.087 $\chi^2/\text{NDF}: 10633.5/16$

Left Out: 37.339 ± 0.048 $\chi^2/\text{NDF}: 21277.3/23$

Right Out: 40.620 ± 0.080 $\chi^2/\text{NDF}: 16957.4/17$

Left In: 37.261 ± 0.050 $\chi^2/\text{NDF}: 17212.2/21$

Left: 37.302 ± 0.034 $\chi^2/\text{NDF}: 38490.9/45$

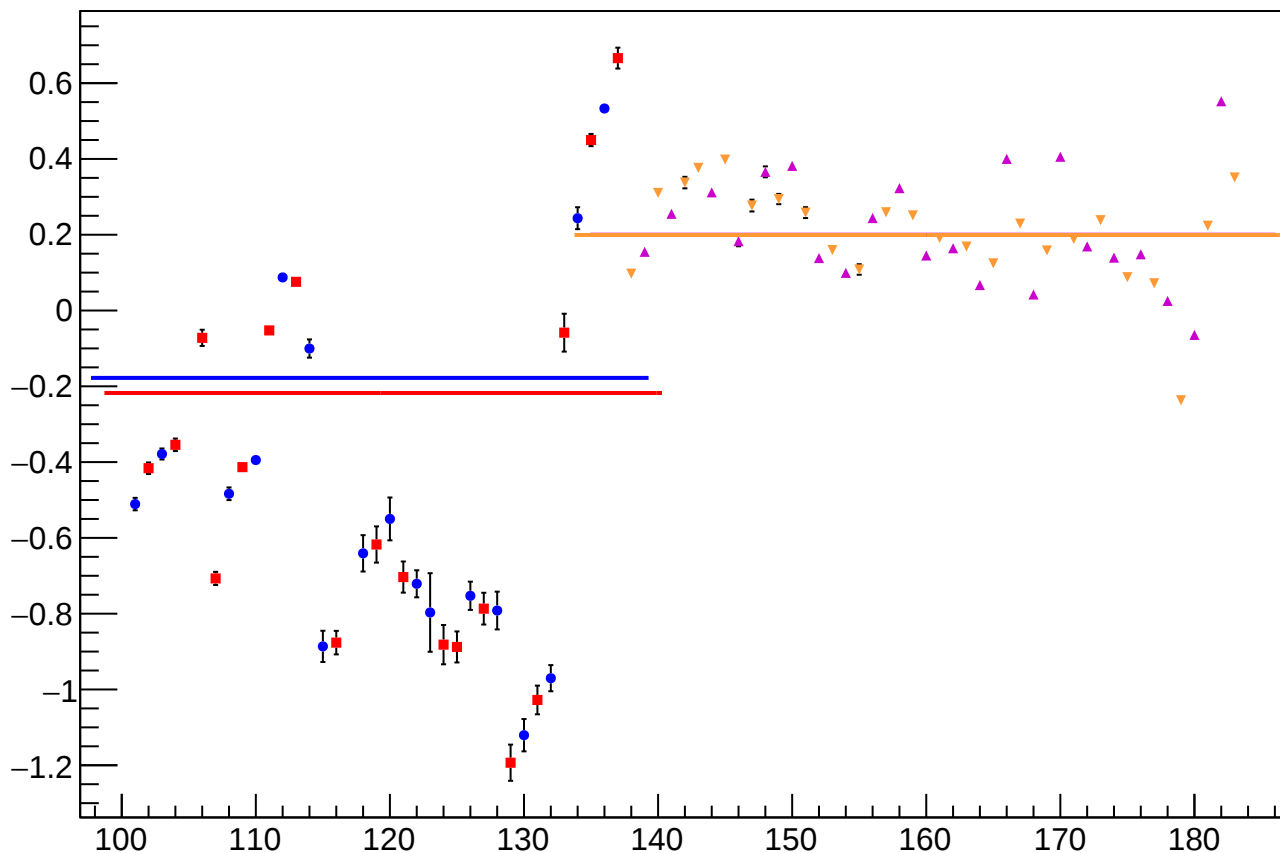
Right: 42.070 ± 0.059 $\chi^2/\text{NDF}: 28299.2/34$

In: 38.860 ± 0.043 $\chi^2/\text{NDF}: 32081.4/38$

Out: 38.192 ± 0.041 $\chi^2/\text{NDF}: 39471.6/41$

All: 38.509 ± 0.030 $\chi^2/\text{NDF}: 71679.8/80$

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 $\pm$ 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.199 $\pm$ 0.002 χ^2/NDF :3543.4/23

Right Out: -0.218 $\pm$ 0.004 χ^2/NDF : 7455.7/17

Left In: 0.200 $\pm$ 0.002 χ^2/NDF :4417.7/21

Left: 0.200 $\pm$ 0.002 χ^2/NDF : 7961.1/45

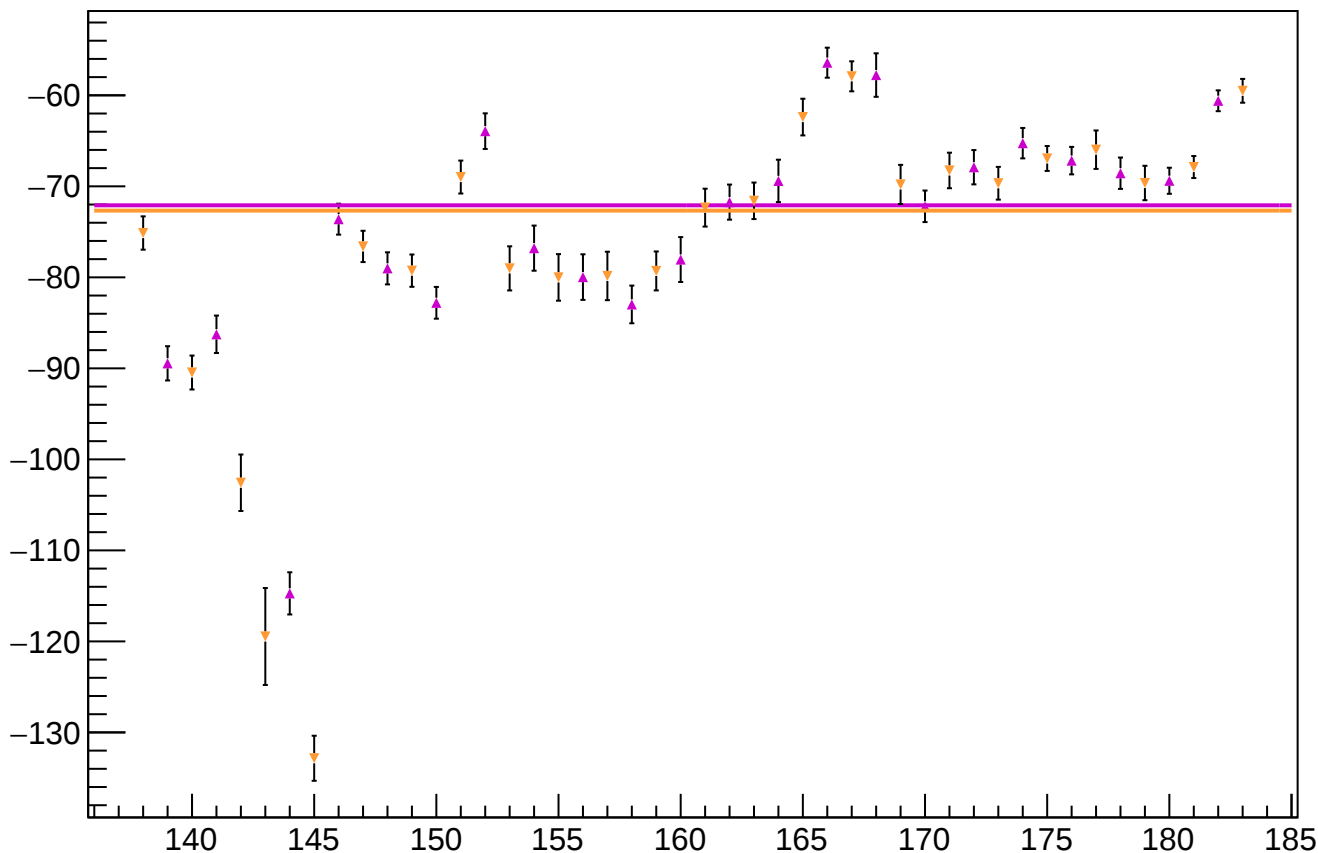
Right: -0.200 $\pm$ 0.003 χ^2/NDF : 14857.8/34

In: 0.133 $\pm$ 0.002 χ^2/NDF :16782.4/38

Out: 0.113 $\pm$ 0.002 χ^2/NDF :18414.6/41

All: 0.122 $\pm$ 0.001 χ^2/NDF : 35243.2/80

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.667+/-0.386 χ^2/NDF :1172.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -72.086+/-0.387 χ^2/NDF :857.5/21

Left: -72.378+/-0.273 χ^2/NDF : 2030.8/45

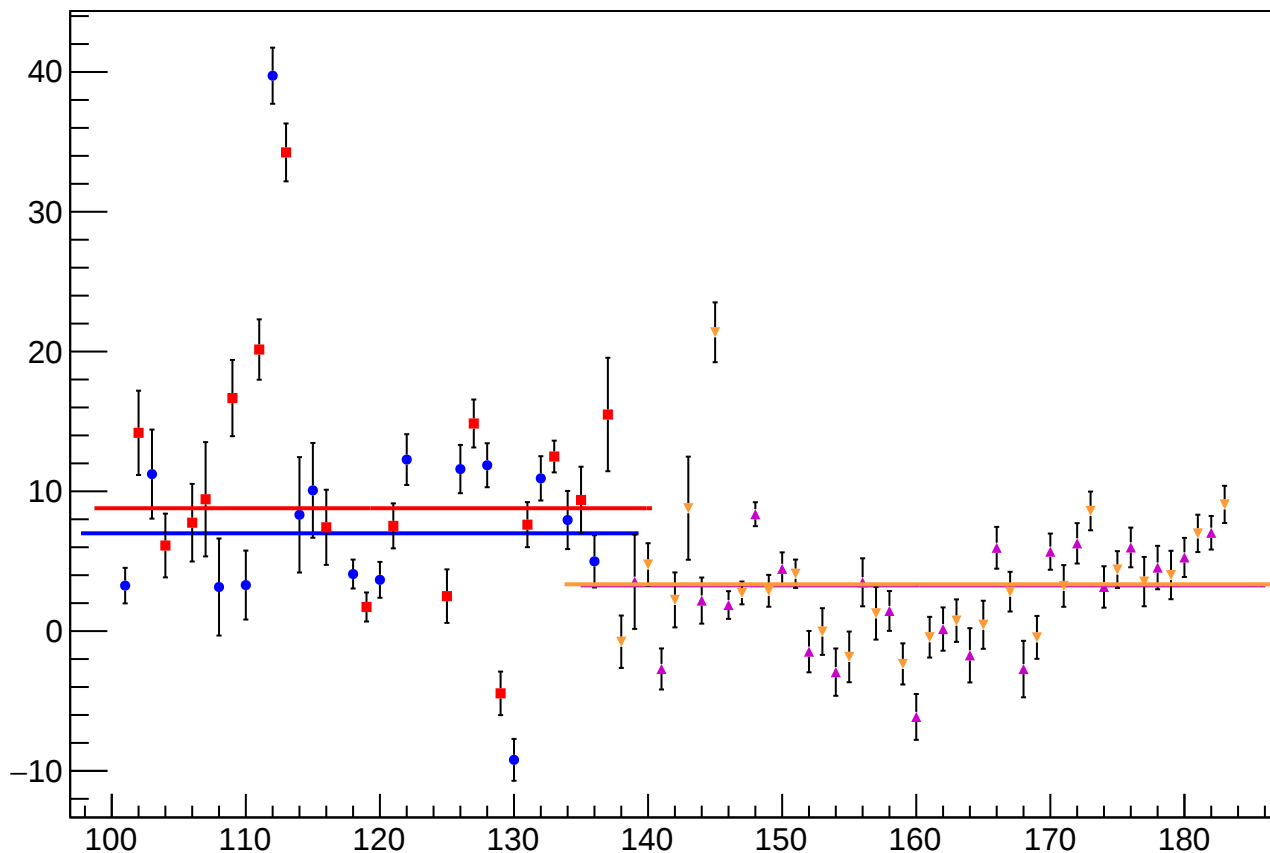
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.086+/-0.387 χ^2/NDF :857.5/21

Out: -72.667+/-0.386 χ^2/NDF :1172.2/23

All: -72.378+/-0.273 χ^2/NDF : 2030.8/45

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.348 ± 0.296 $\chi^2/\text{NDF}: 168.8/23$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.271 ± 0.301 $\chi^2/\text{NDF}: 160.5/21$

Left: 3.310 ± 0.211 $\chi^2/\text{NDF}: 329.3/45$

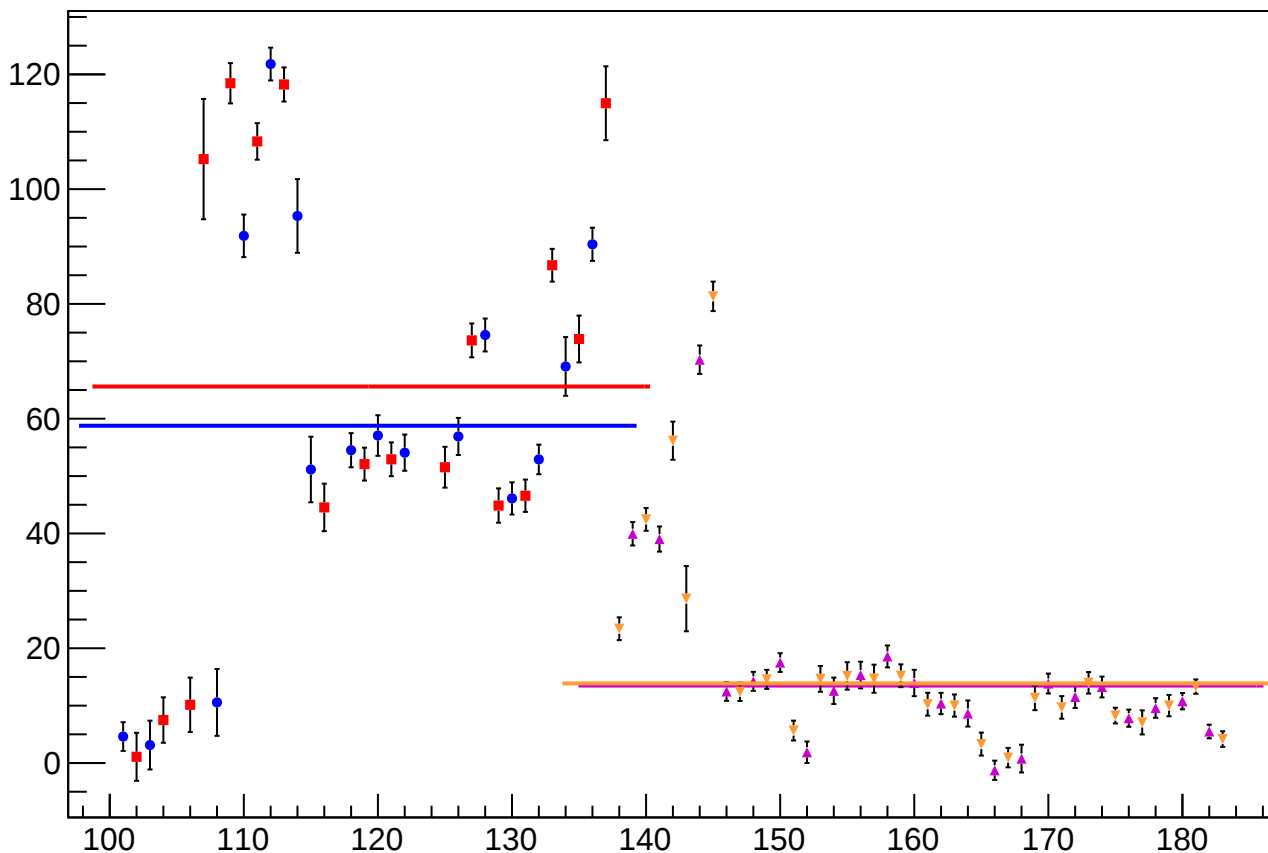
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.479 ± 0.247 $\chi^2/\text{NDF}: 655.5/37$

Out: 4.994 ± 0.247 $\chi^2/\text{NDF}: 619.9/40$

All: 4.737 ± 0.175 $\chi^2/\text{NDF}: 1277.6/78$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 ± 0.833 χ^2/NDF : 1493.3/15

Left Out: 13.875 ± 0.384 χ^2/NDF : 1295.9/23

Right Out: 65.606 ± 0.845 χ^2/NDF : 1625.3/16

Left In: 13.500 ± 0.385 χ^2/NDF : 1064.7/21

Left: 13.687 ± 0.272 χ^2/NDF : 2361.1/45

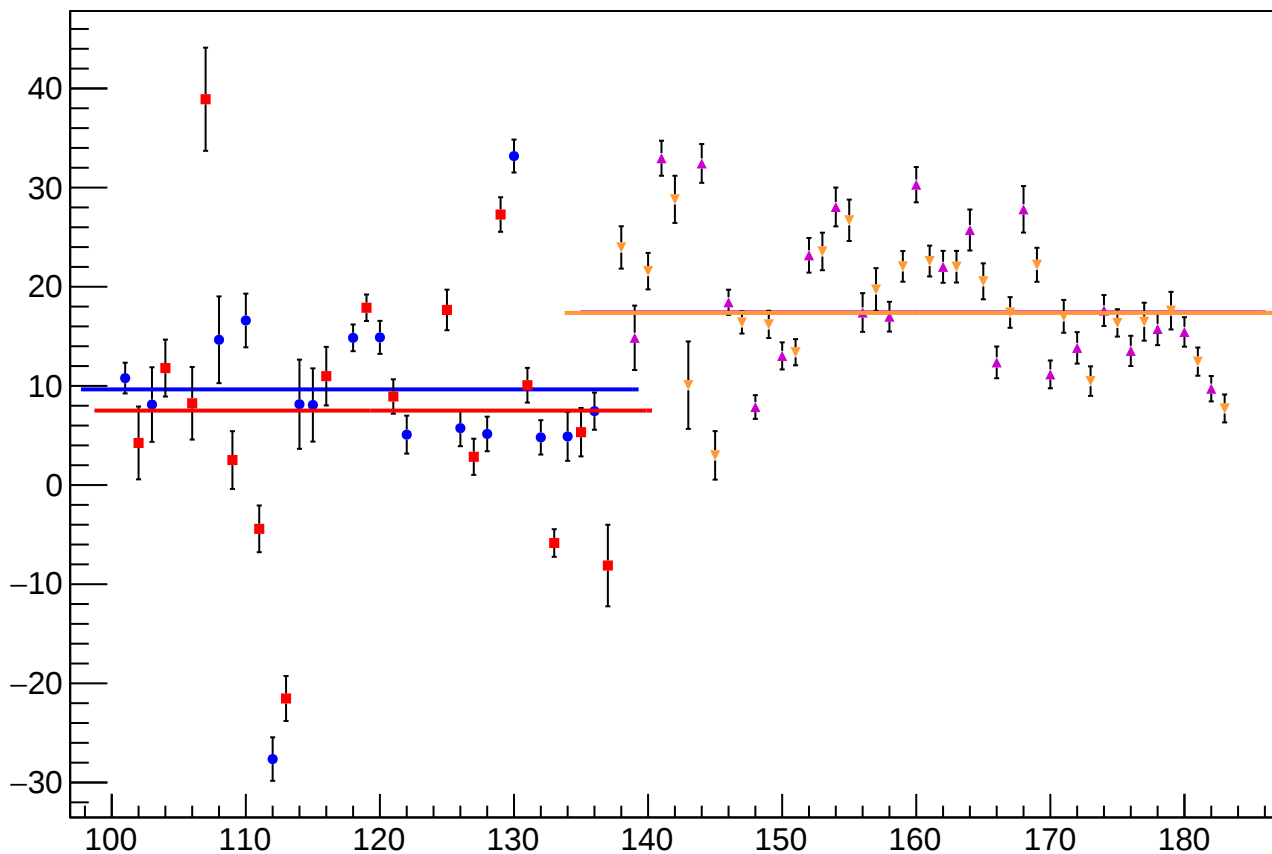
Right: 62.140 ± 0.593 χ^2/NDF : 3151.9/32

In: 21.455 ± 0.349 χ^2/NDF : 4993.0/37

Out: 22.749 ± 0.350 χ^2/NDF : 6028.3/40

All: 22.100 ± 0.247 χ^2/NDF : 11028.1/78

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: 17.367 $\pm$ 0.339 χ^2 /NDF:238.8/23

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 17.420 $\pm$ 0.343 χ^2 /NDF:428.8/21

Left: 17.393 $\pm$ 0.241 χ^2 /NDF: 667.6/45

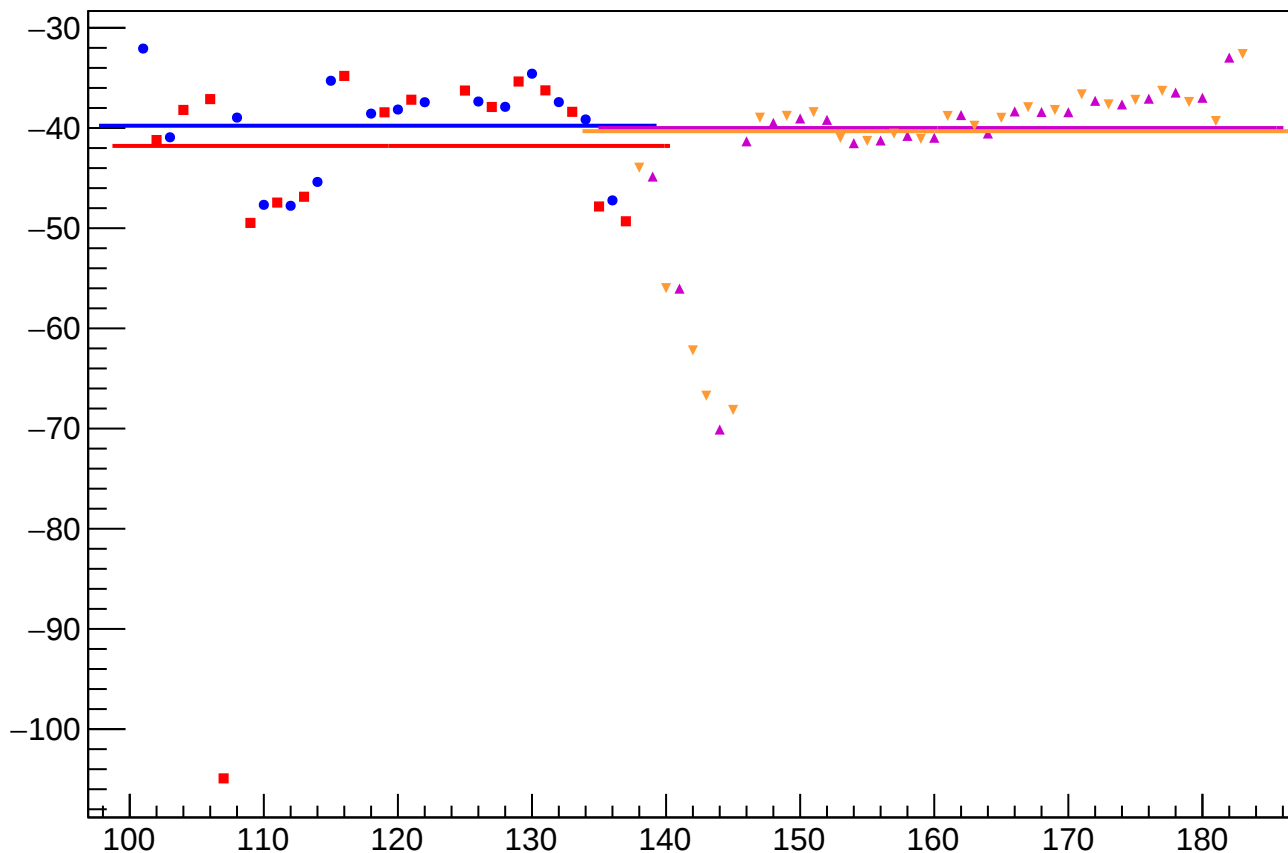
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 14.950 $\pm$ 0.283 χ^2 /NDF:1145.8/37

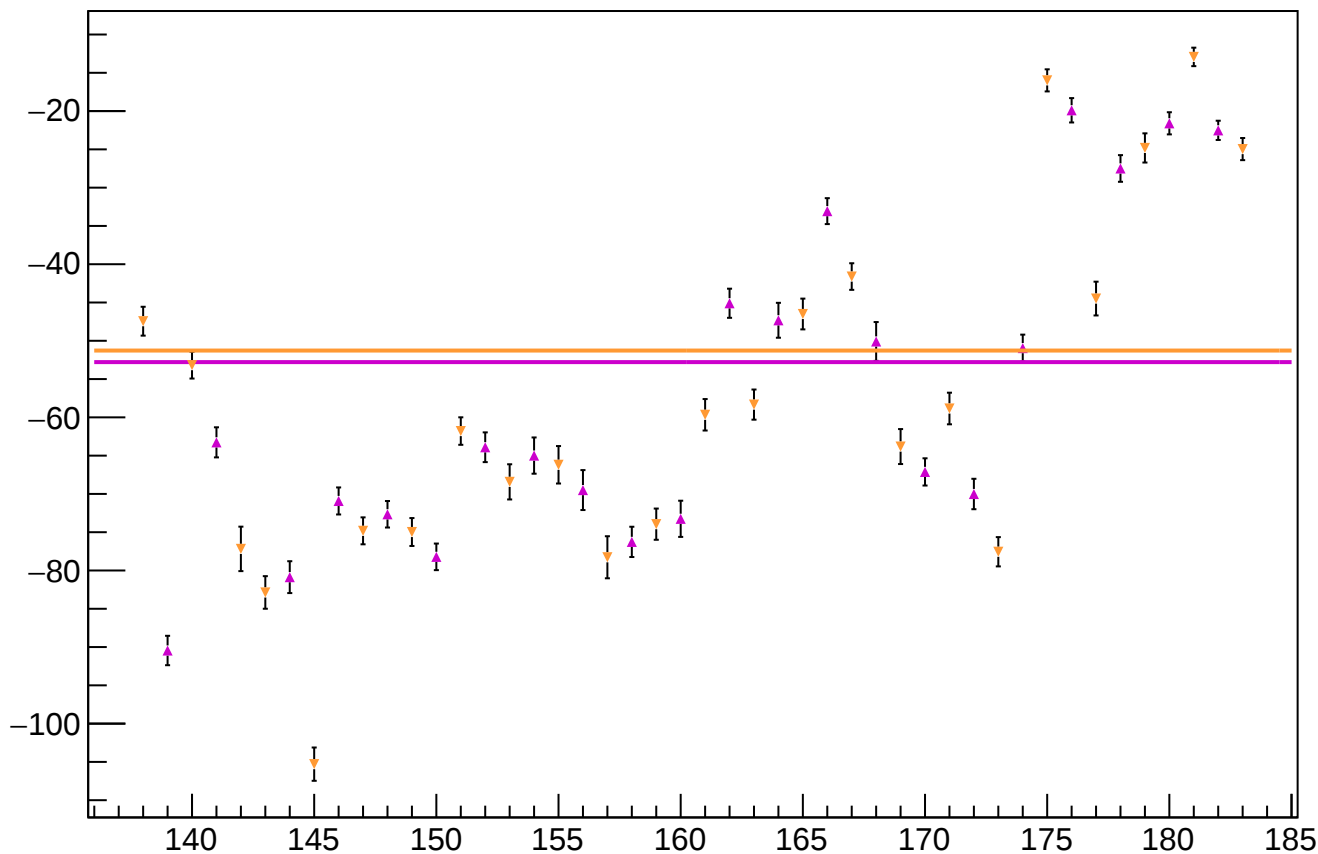
Out: 14.400 $\pm$ 0.283 χ^2 /NDF:1057.7/40

All: 14.675 $\pm$ 0.200 χ^2 /NDF: 2205.4/78

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.785+/-0.393 χ^2/NDF : 3347.4/21

Left: -52.016+/-0.275 χ^2/NDF : 7414.6/45

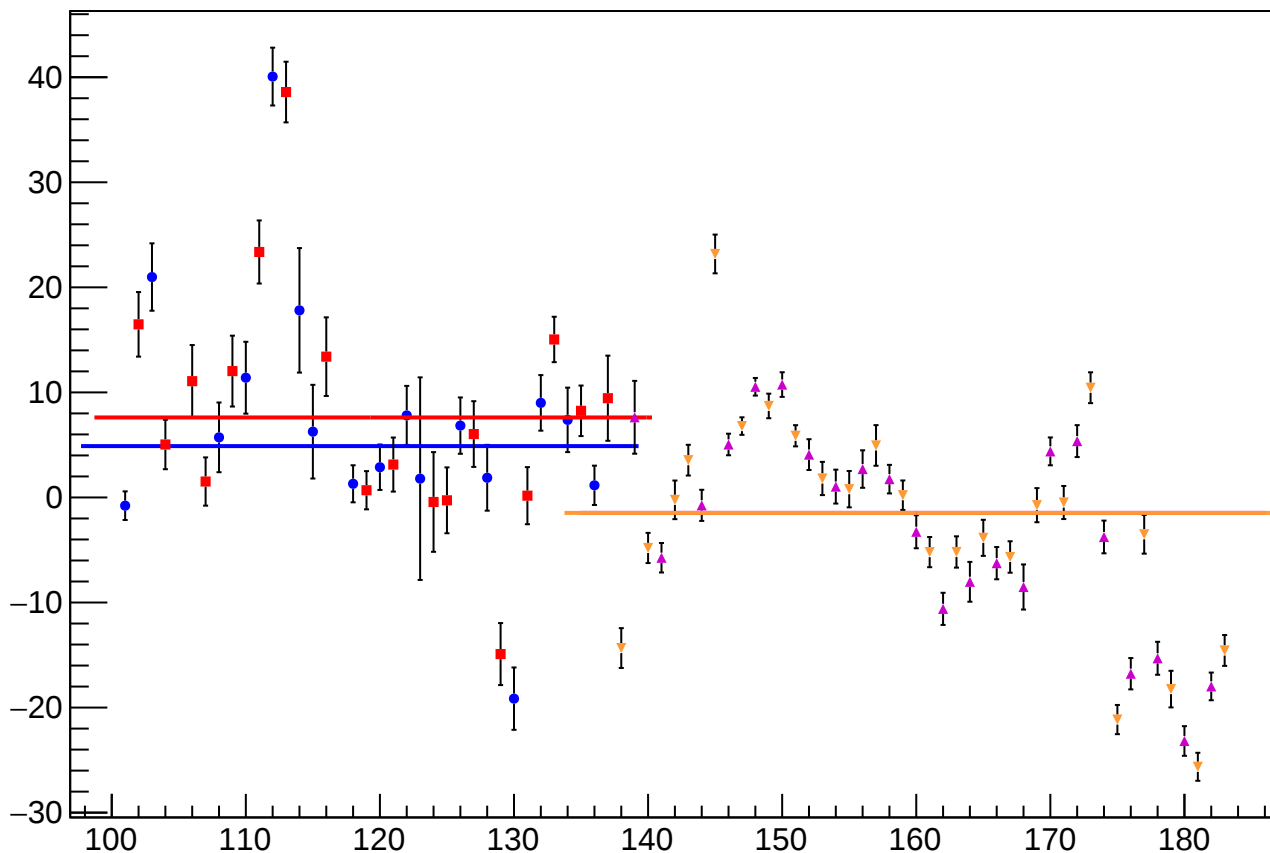
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.785+/-0.393 χ^2/NDF : 3347.4/21

Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

All: -52.016+/-0.275 χ^2/NDF : 7414.6/45

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -1.469 ± 0.293 $\chi^2/\text{NDF}: 1279.0/23$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: -1.469 ± 0.302 $\chi^2/\text{NDF}: 1085.8/21$

Left: -1.469 ± 0.211 $\chi^2/\text{NDF}: 2364.8/45$

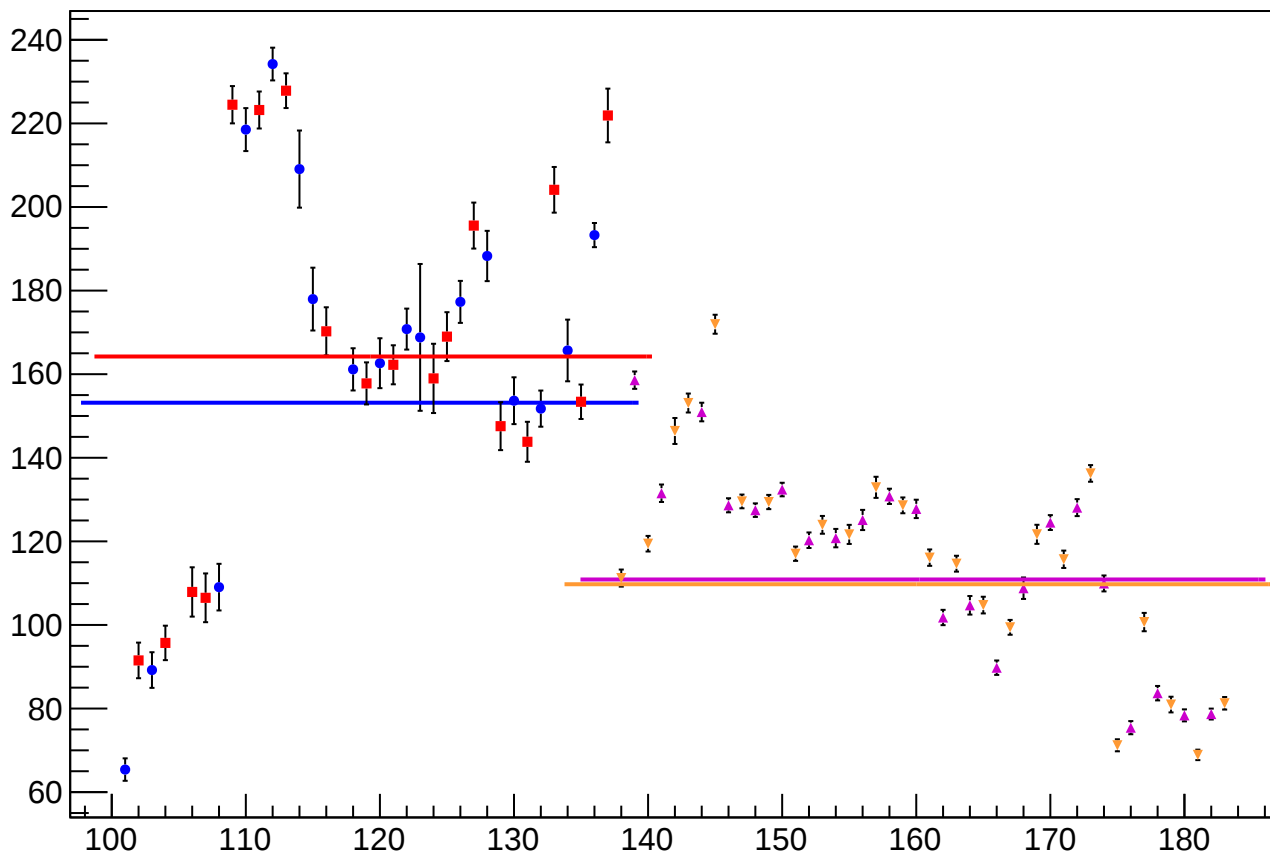
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: -0.255 ± 0.272 $\chi^2/\text{NDF}: 1465.0/38$

Out: 0.060 ± 0.268 $\chi^2/\text{NDF}: 1709.5/41$

All: -0.095 ± 0.191 $\chi^2/\text{NDF}: 3175.2/80$

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: 109.739 $\pm$ 0.385 χ^2 /NDF:4493.5/23

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 110.880 $\pm$ 0.390 χ^2 /NDF:3785.6/21

Left: 110.302 $\pm$ 0.274 χ^2 /NDF: 8283.5/45

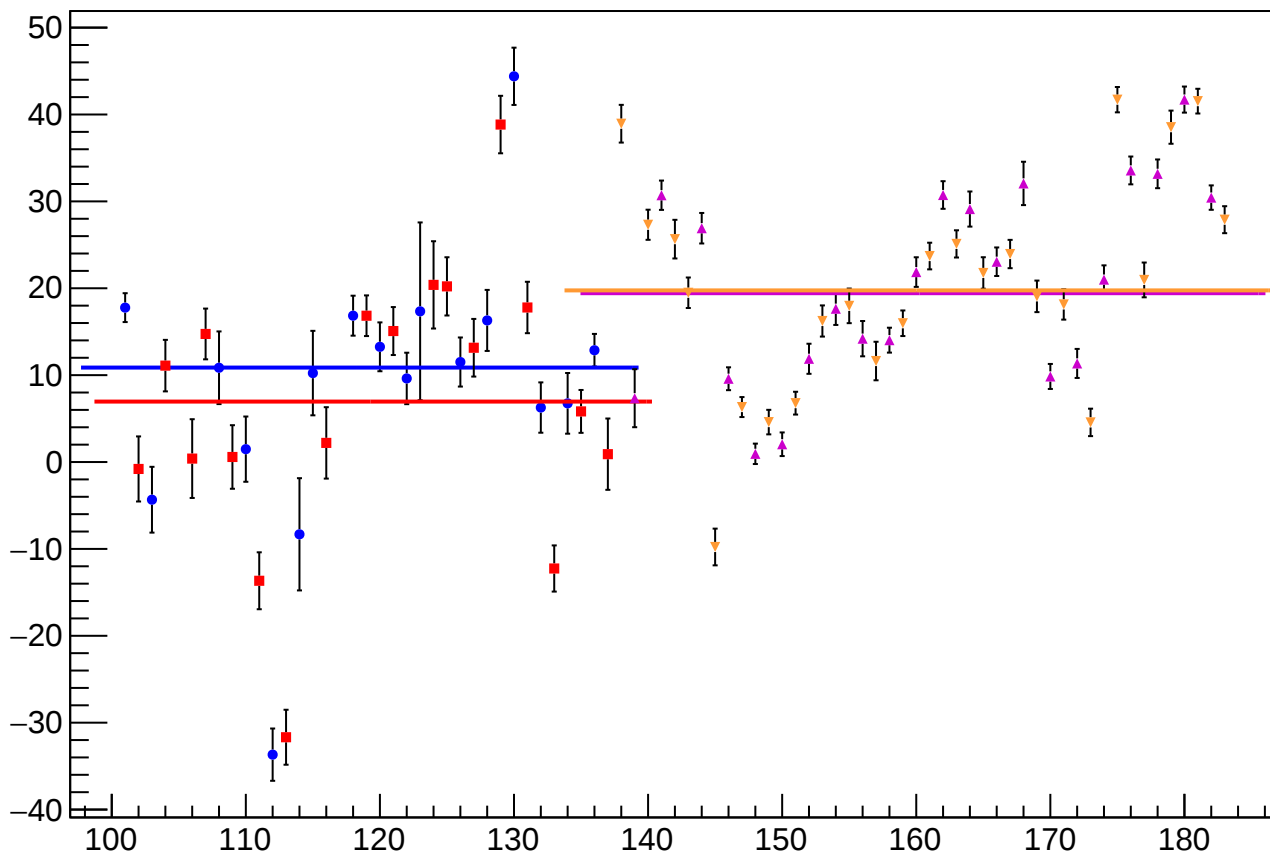
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 115.266 $\pm$ 0.369 χ^2 /NDF:7269.8/38

Out: 114.951 $\pm$ 0.366 χ^2 /NDF:7966.6/41

All: 115.107 $\pm$ 0.260 χ^2 /NDF: 15236.8/80

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 χ^2/NDF : 386.7/16

Left Out: 19.754 ± 0.337 χ^2/NDF : 1379.3/23

Right Out: 6.958 ± 0.749 χ^2/NDF : 422.3/17

Left In: 19.434 ± 0.345 χ^2/NDF : 1187.6/21

Left: 19.598 ± 0.241 χ^2/NDF : 2567.3/45

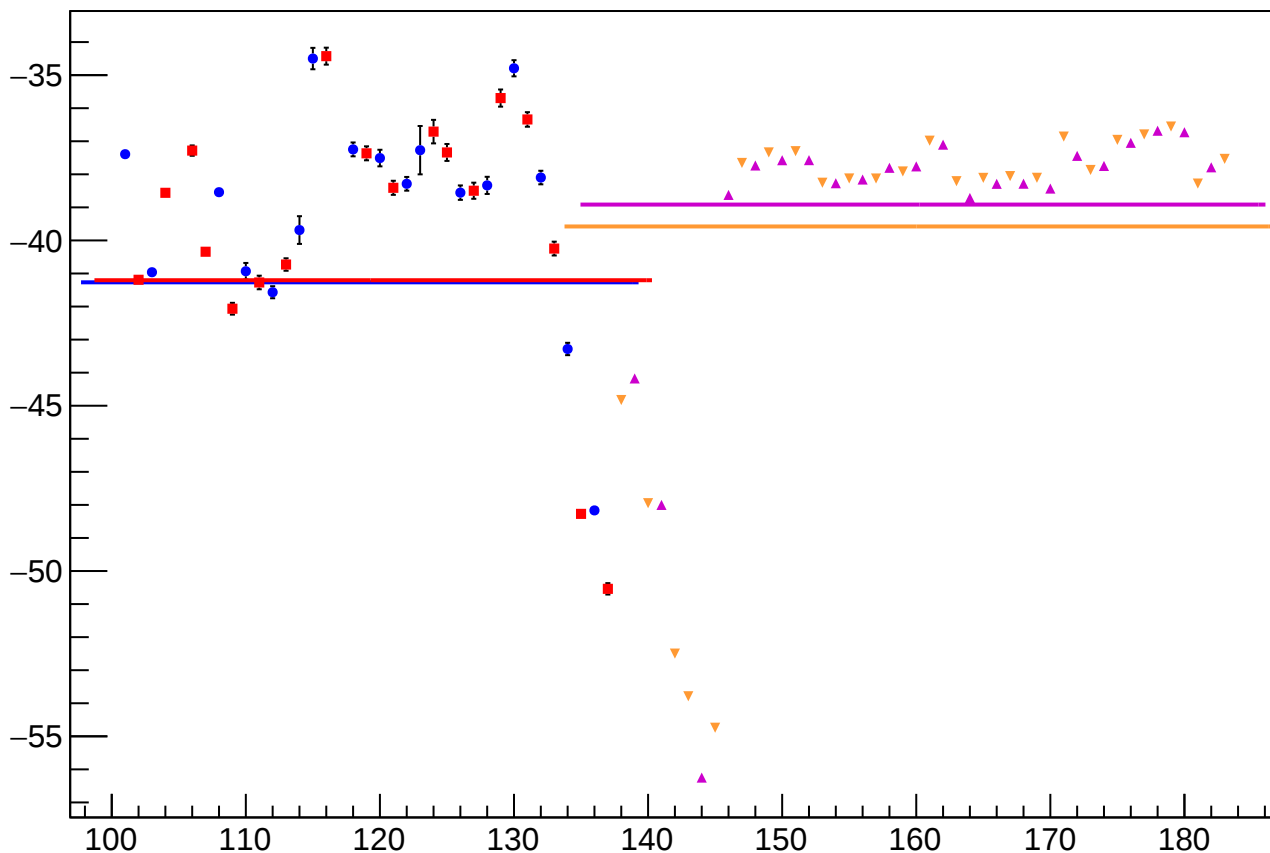
Right: 9.008 ± 0.517 χ^2/NDF : 823.3/34

In: 17.814 ± 0.311 χ^2/NDF : 1690.7/38

Out: 17.602 ± 0.307 χ^2/NDF : 2044.3/41

All: 17.706 ± 0.219 χ^2/NDF : 3735.2/80

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 χ^2/NDF : 12581.8/16

Left Out: -39.577 ± 0.016 χ^2/NDF : 91761.9/23

Right Out: -41.204 ± 0.039 χ^2/NDF : 12008.6/17

Left In: -38.915 ± 0.016 χ^2/NDF : 54263.6/21

Left: -39.249 ± 0.011 χ^2/NDF : 146888.7/45

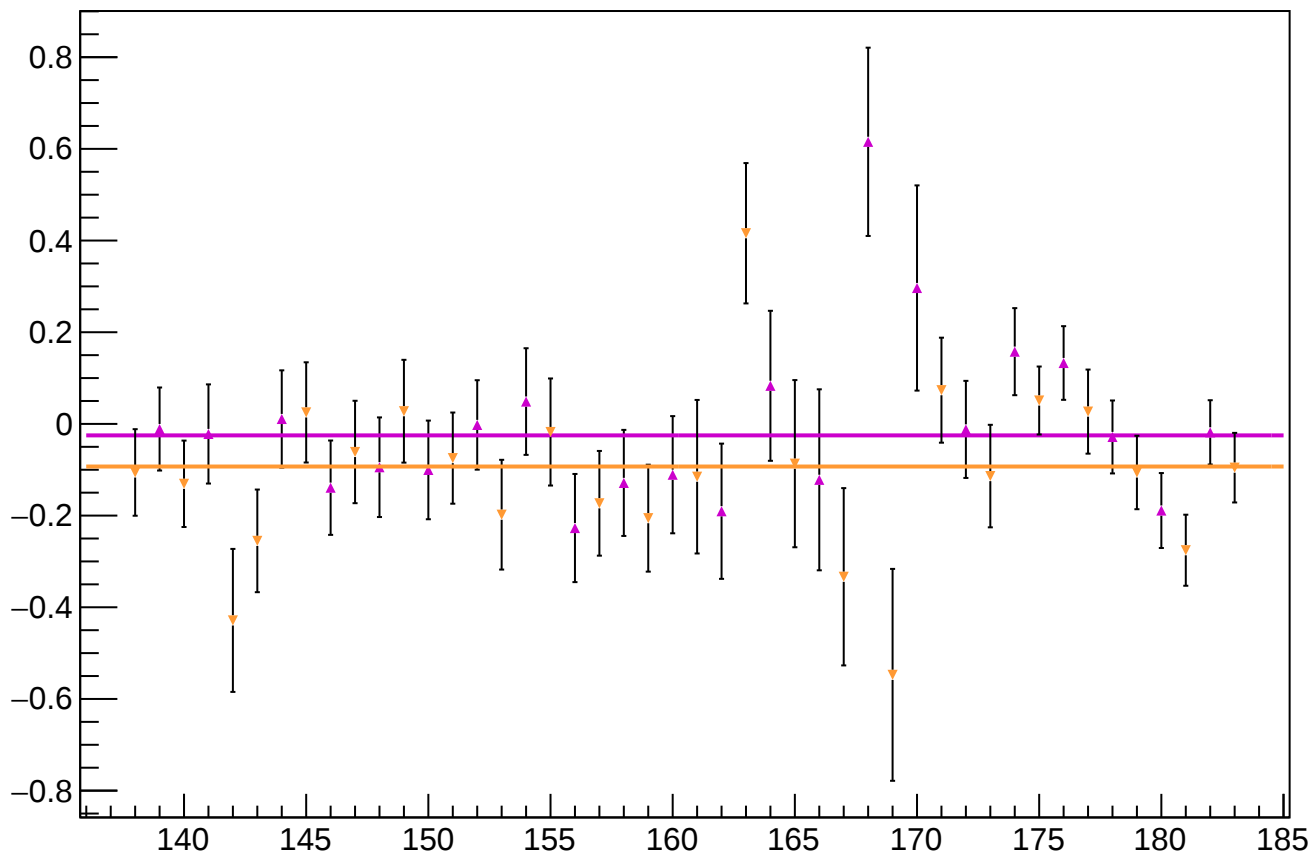
Right: -41.236 ± 0.027 χ^2/NDF : 24591.7/34

In: -39.261 ± 0.015 χ^2/NDF : 70024.5/38

Out: -39.811 ± 0.015 χ^2/NDF : 105272.1/41

All: -39.537 ± 0.010 χ^2/NDF : 175992.2/80

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Left: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/45

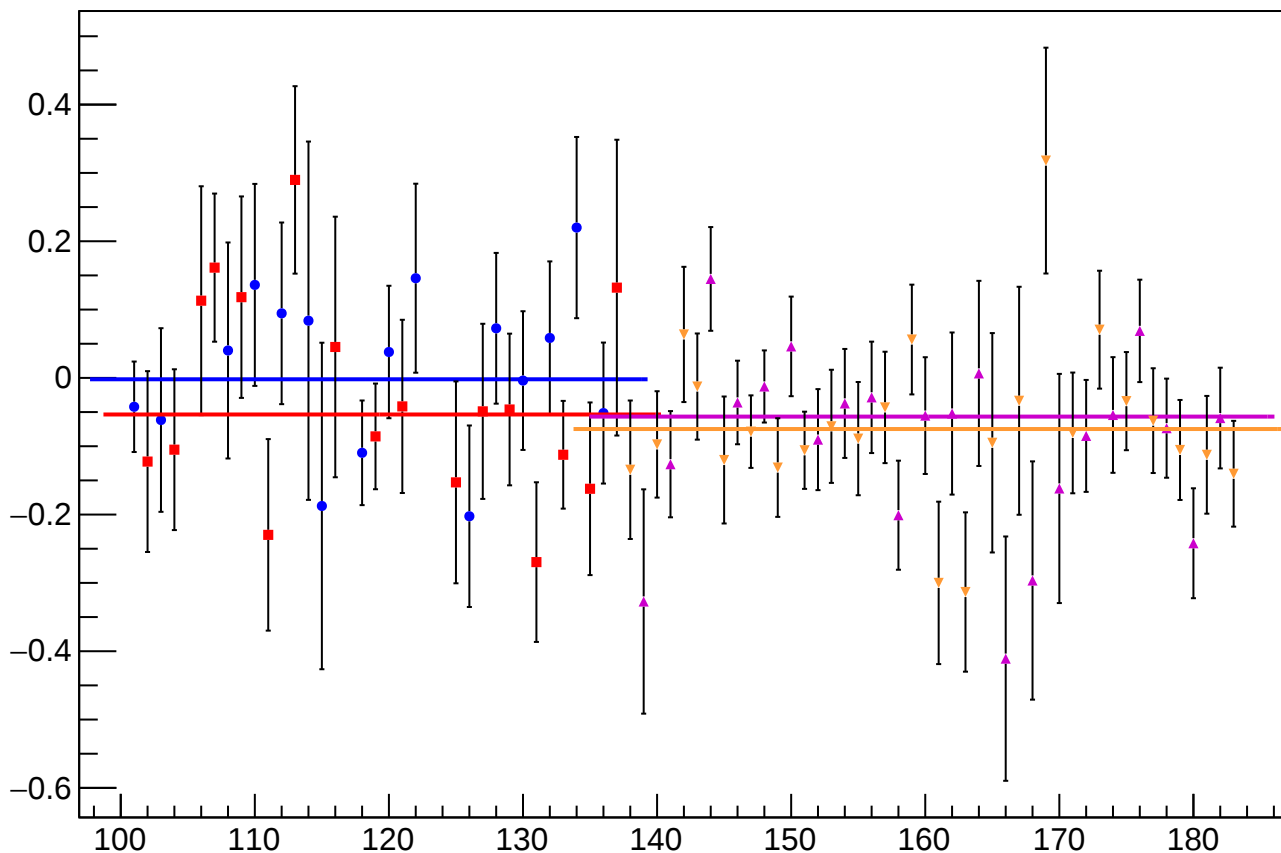
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23

All: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/45

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.075 ± 0.017 χ^2/NDF : 24.8/23

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.057 ± 0.018 χ^2/NDF : 31.7/21

Left: -0.066 ± 0.012 χ^2/NDF : 57.1/45

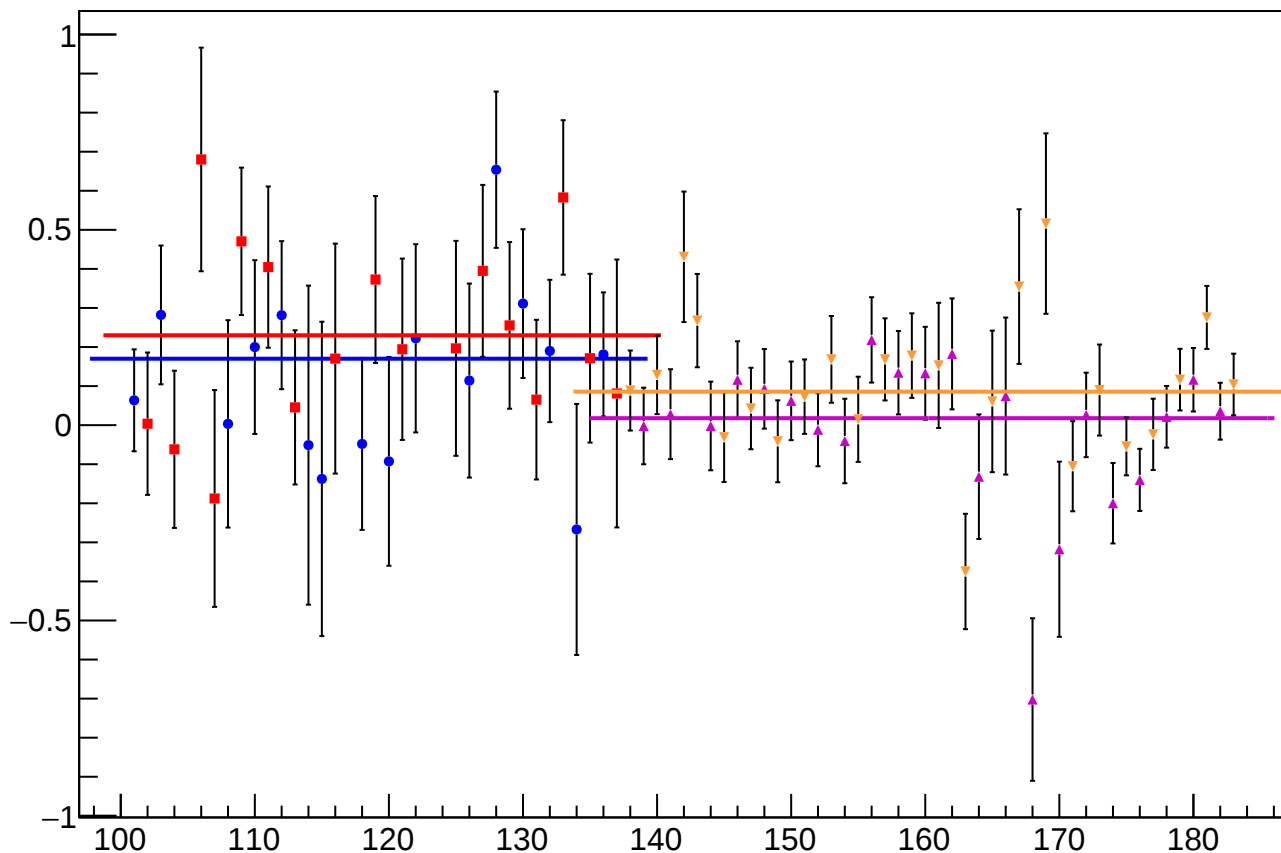
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.041 ± 0.015 χ^2/NDF : 46.5/37

Out: -0.069 ± 0.015 χ^2/NDF : 46.1/40

All: -0.056 ± 0.010 χ^2/NDF : 94.5/78

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: 0.086 $\pm$ 0.022 χ^2 /NDF:40.5/23

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.018 $\pm$ 0.022 χ^2 /NDF:34.2/21

Left: 0.053 $\pm$ 0.016 χ^2 /NDF: 79.4/45

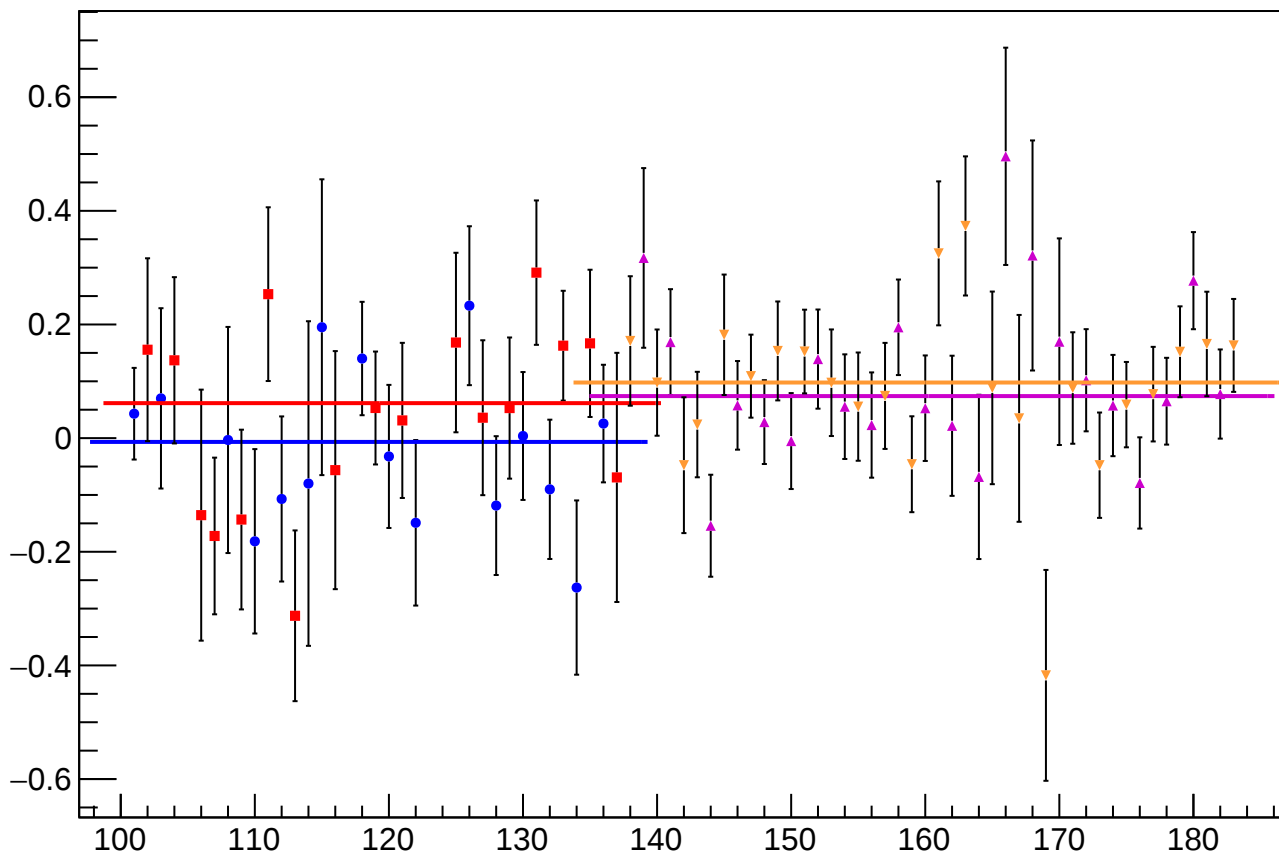
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.041 $\pm$ 0.021 χ^2 /NDF:54.3/37

Out: 0.106 $\pm$ 0.020 χ^2 /NDF:63.5/40

All: 0.074 $\pm$ 0.014 χ^2 /NDF: 122.9/78

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.098 ± 0.019 χ^2/NDF : 27.9/23

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.074 ± 0.020 χ^2/NDF : 31.4/21

Left: 0.086 ± 0.014 χ^2/NDF : 60.0/45

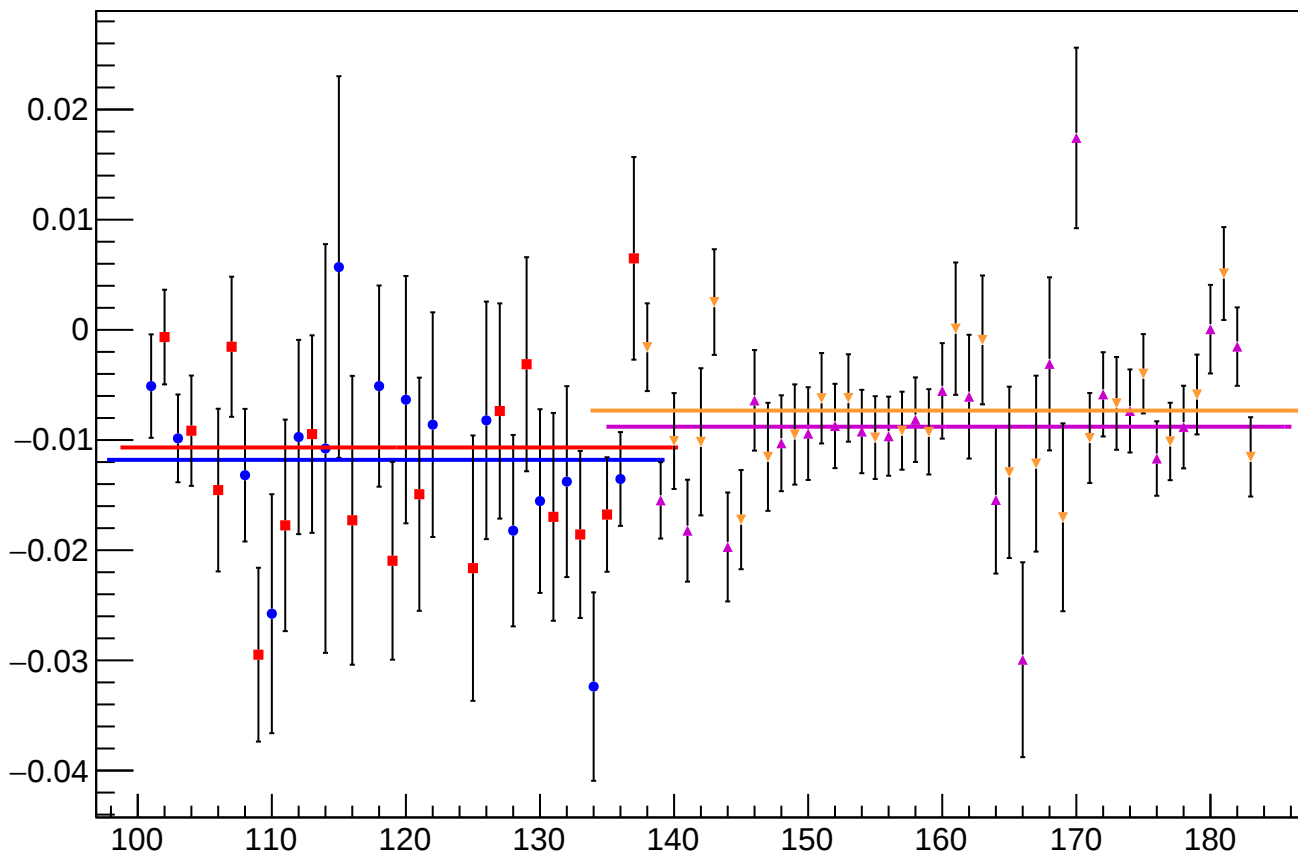
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.052 ± 0.017 χ^2/NDF : 49.1/37

Out: 0.089 ± 0.017 χ^2/NDF : 48.7/40

All: 0.071 ± 0.012 χ^2/NDF : 100.2/78

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 : 30.8/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.009 ± 0.001 χ^2/NDF : 42.0/21

Left: -0.008 ± 0.001 χ^2/NDF : 74.2/45

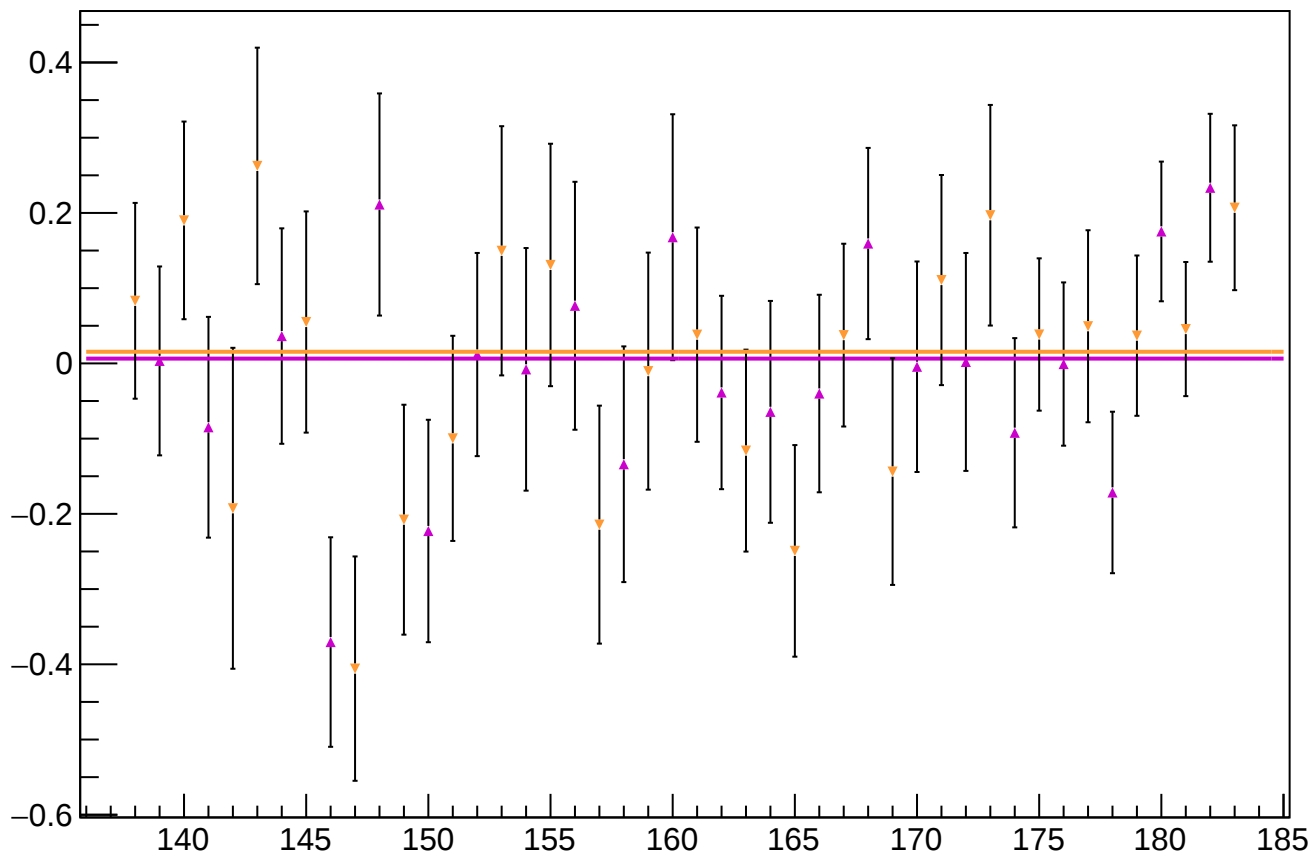
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.009 ± 0.001 χ^2/NDF : 57.1/37

Out: -0.008 ± 0.001 χ^2/NDF : 57.4/40

All: -0.009 ± 0.001 χ^2/NDF : 116.0/78

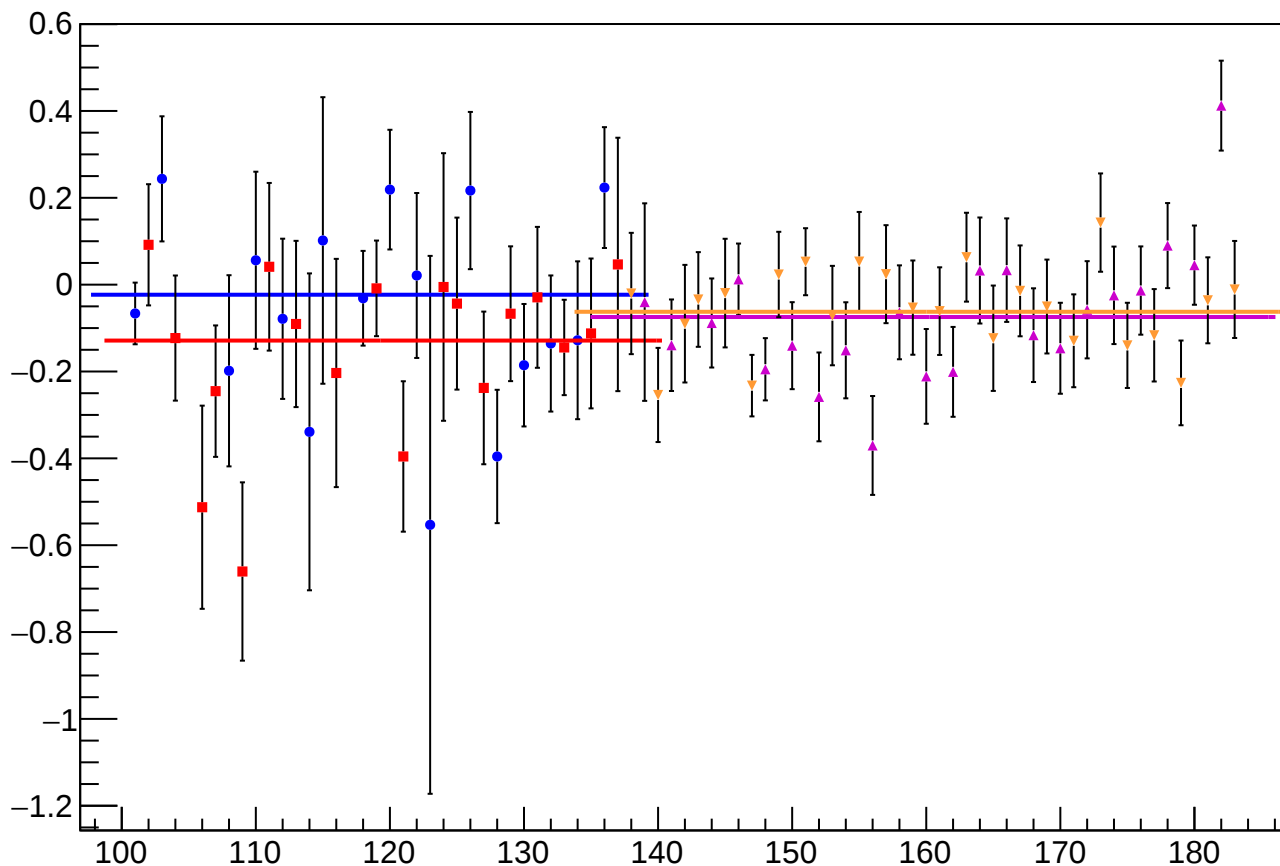
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Left: 0.011 $\pm$ 0.019 χ^2 /NDF: 58.7/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21
 Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 All: 0.011 $\pm$ 0.019 χ^2 /NDF: 58.7/45

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.062 ± 0.021 $\chi^2/\text{NDF}: 23.5/23$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.075 ± 0.022 $\chi^2/\text{NDF}: 47.7/21$

Left: -0.068 ± 0.015 $\chi^2/\text{NDF}: 71.4/45$

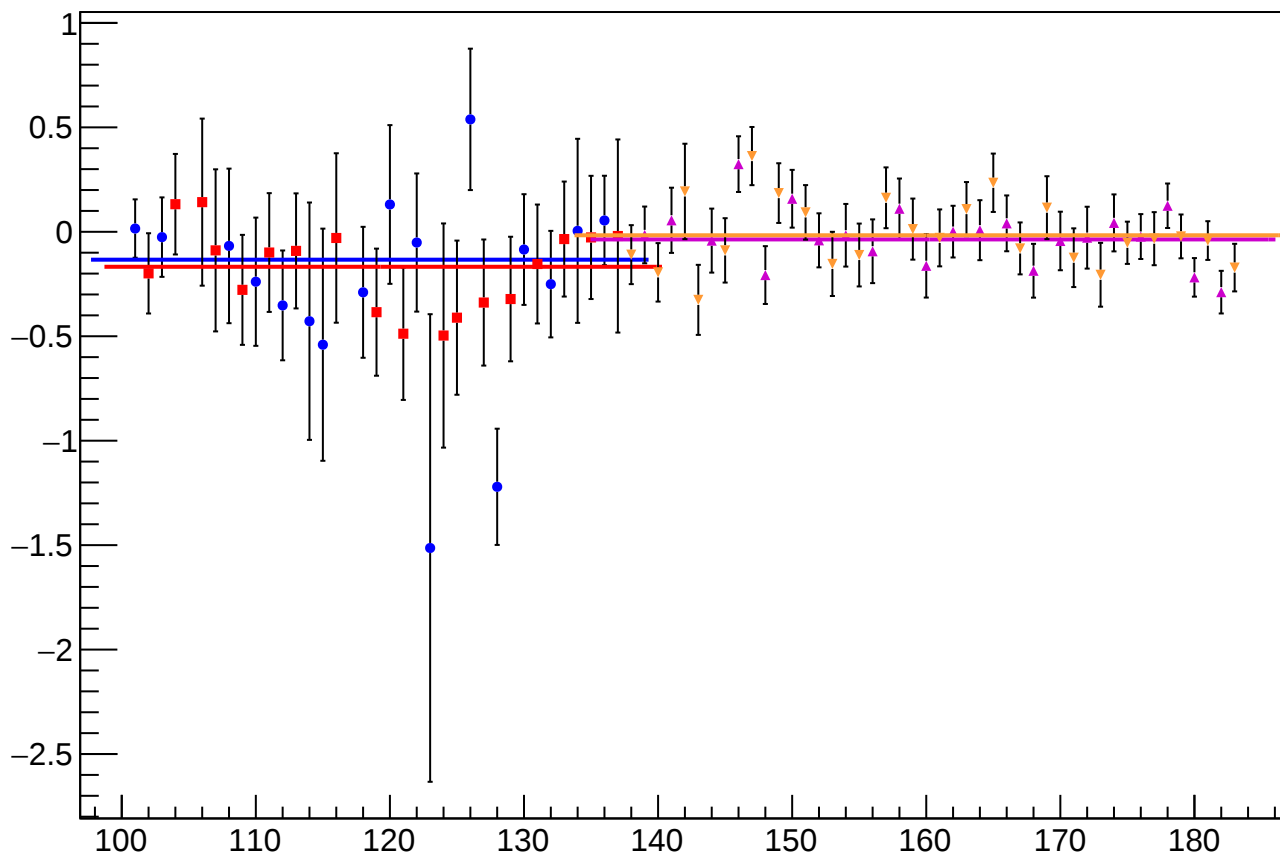
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.061 ± 0.019 $\chi^2/\text{NDF}: 71.6/38$

Out: -0.077 ± 0.019 $\chi^2/\text{NDF}: 44.3/41$

All: -0.069 ± 0.013 $\chi^2/\text{NDF}: 116.3/80$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.017 ± 0.027 χ^2/NDF : 28.8/23

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.037 ± 0.028 χ^2/NDF : 27.6/21

Left: -0.026 ± 0.019 χ^2/NDF : 56.6/45

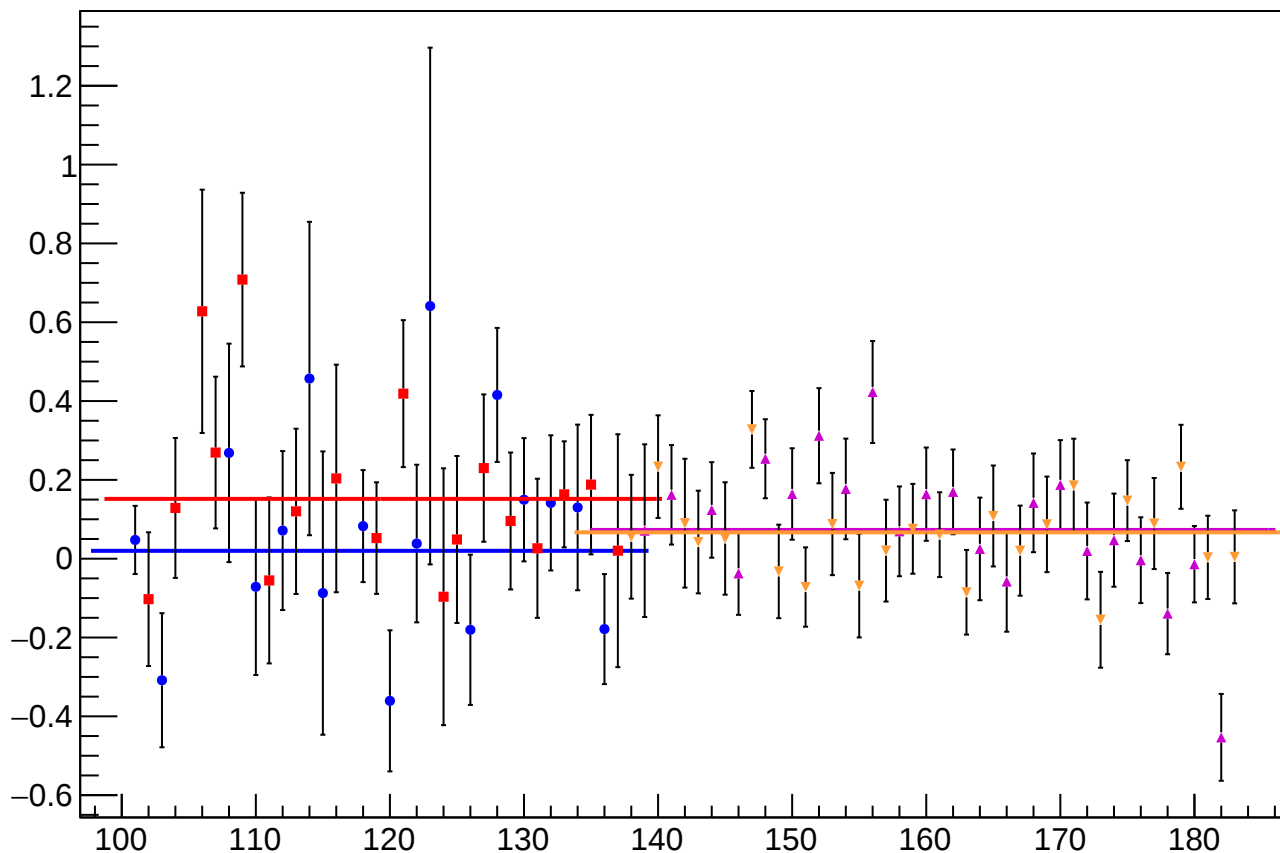
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.051 ± 0.026 χ^2/NDF : 55.1/38

Out: -0.036 ± 0.025 χ^2/NDF : 38.8/41

All: -0.043 ± 0.018 χ^2/NDF : 94.1/80

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.067 $\pm$ 0.024 χ^2 /NDF:23.1/23

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.073 $\pm$ 0.025 χ^2 /NDF:50.0/21

Left: 0.070 $\pm$ 0.017 χ^2 /NDF: 73.1/45

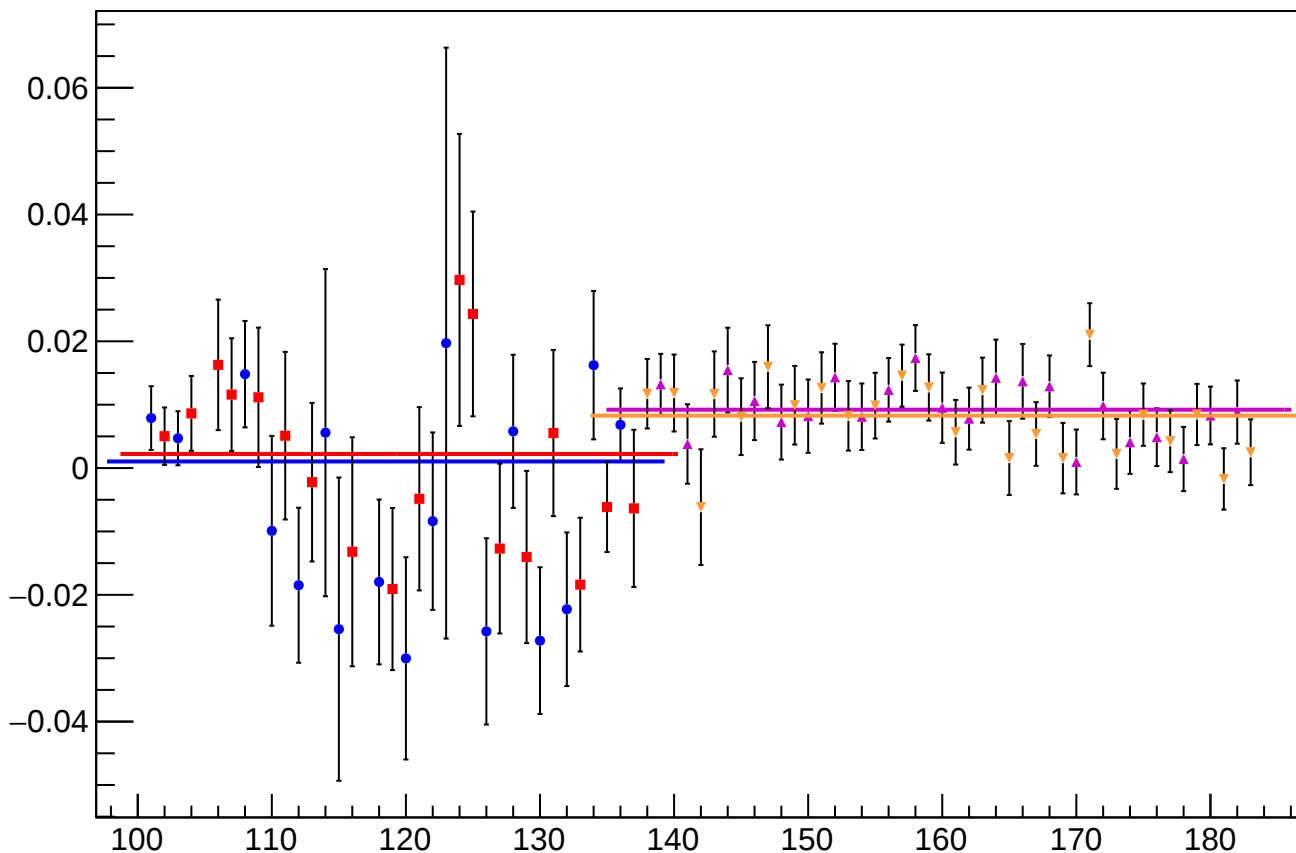
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.059 $\pm$ 0.021 χ^2 /NDF:73.0/38

Out: 0.086 $\pm$ 0.021 χ^2 /NDF:42.6/41

All: 0.073 $\pm$ 0.015 χ^2 /NDF: 116.3/80

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: 0.008 $\pm$ 0.001 χ^2/NDF : 26.0/23

Right Out: 0.002 $\pm$ 0.002 χ^2/NDF : 20.8/17

Left In: 0.009 $\pm$ 0.001 χ^2/NDF : 15.2/21

Left: 0.009 $\pm$ 0.001 χ^2/NDF : 41.6/45

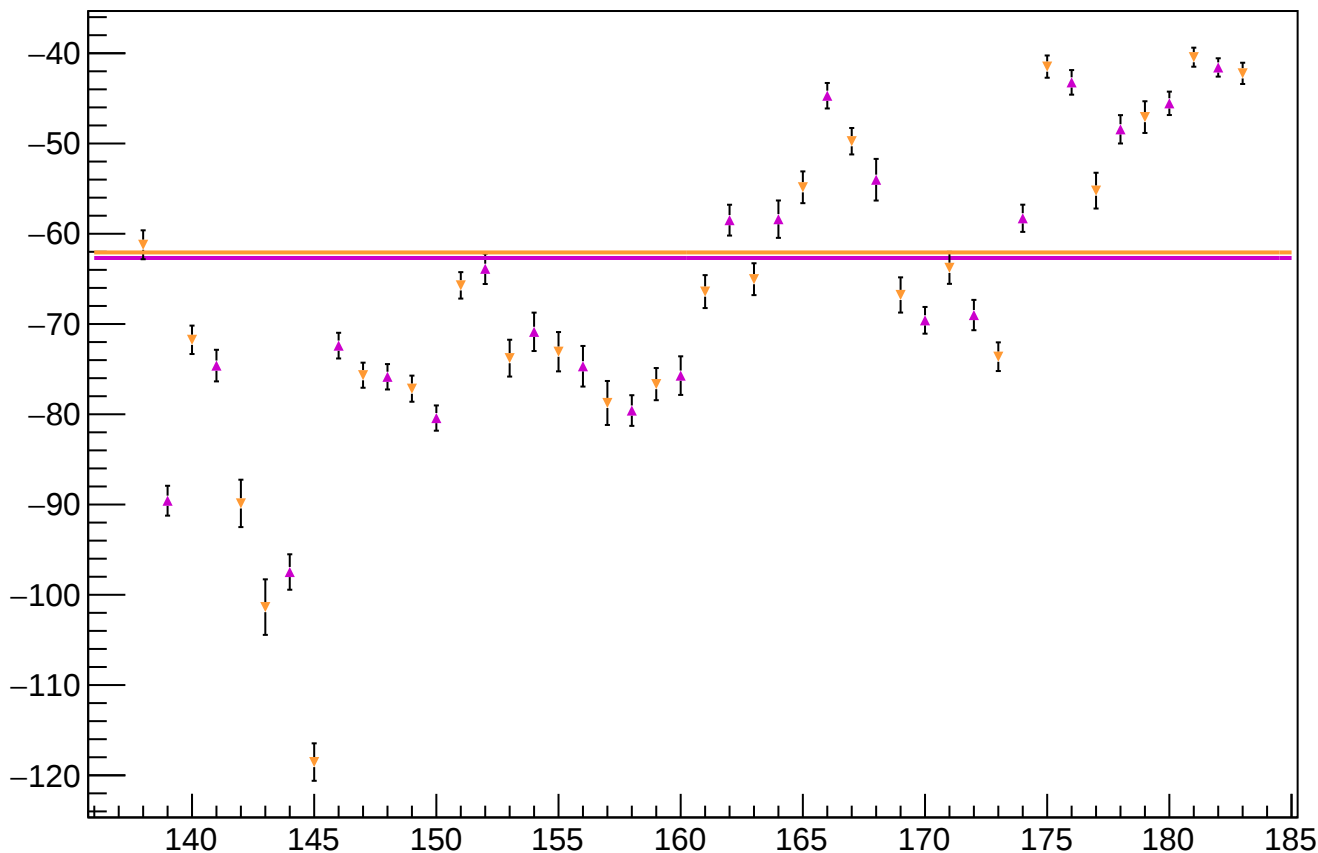
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.008 $\pm$ 0.001 χ^2/NDF : 58.0/38

Out: 0.007 $\pm$ 0.001 χ^2/NDF : 52.5/41

All: 0.007 $\pm$ 0.001 χ^2/NDF : 110.6/80

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: -62.070+/-0.335 χ^2/NDF :2660.1/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Left: -62.376+/-0.237 χ^2/NDF : 4884.8/45

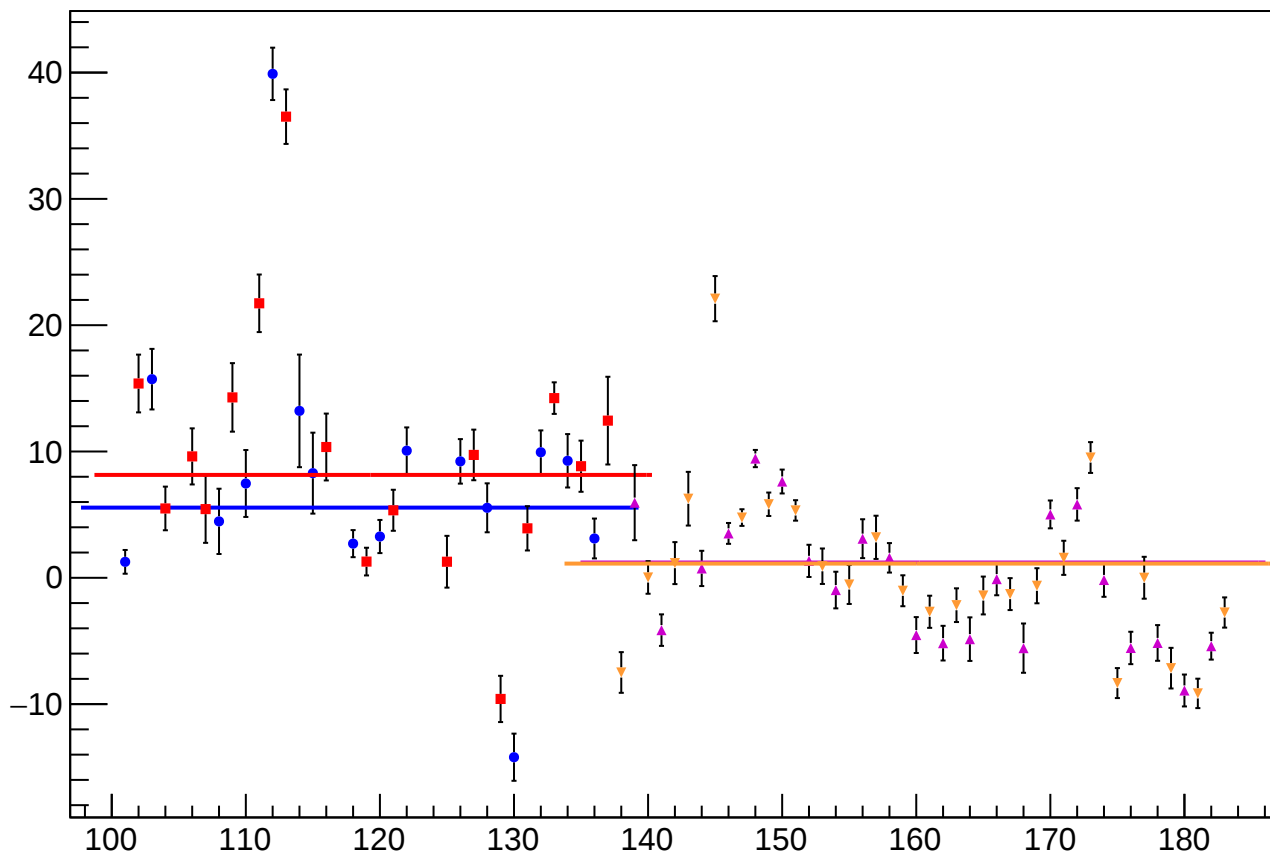
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

All: -62.376+/-0.237 χ^2/NDF : 4884.8/45

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 1.125 $\pm$ 0.252 χ^2 /NDF:511.1/23

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 1.212 $\pm$ 0.257 χ^2 /NDF:465.0/21

Left: 1.168 $\pm$ 0.180 χ^2 /NDF: 976.2/45

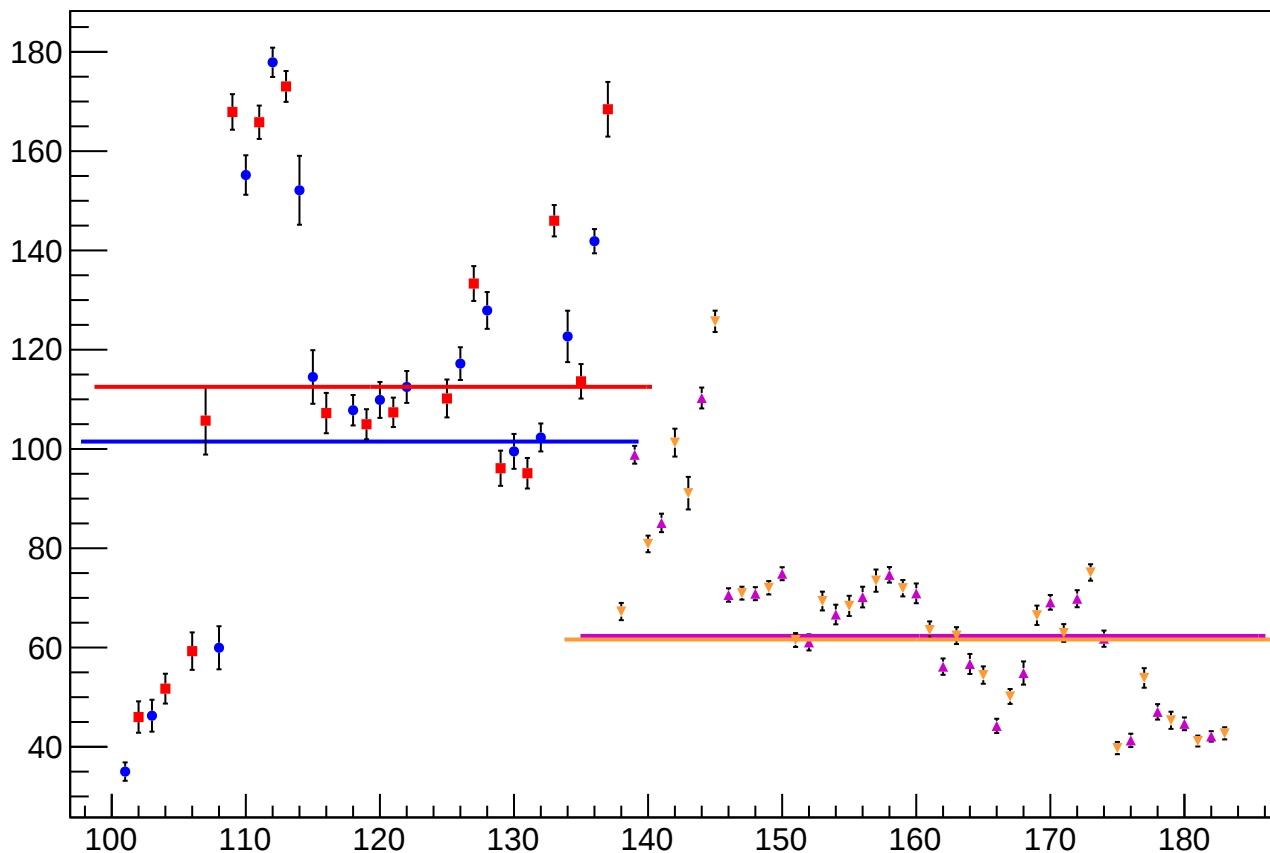
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 2.381 $\pm$ 0.220 χ^2 /NDF:1003.7/37

Out: 2.781 $\pm$ 0.221 χ^2 /NDF:1100.4/40

All: 2.581 $\pm$ 0.156 χ^2 /NDF: 2105.7/78

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: 61.617 $\pm$ 0.333 χ^2 /NDF: 2670.3/23

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 62.332 $\pm$ 0.334 χ^2 /NDF: 2483.1/21

Left: 61.974 $\pm$ 0.236 χ^2 /NDF: 5155.7/45

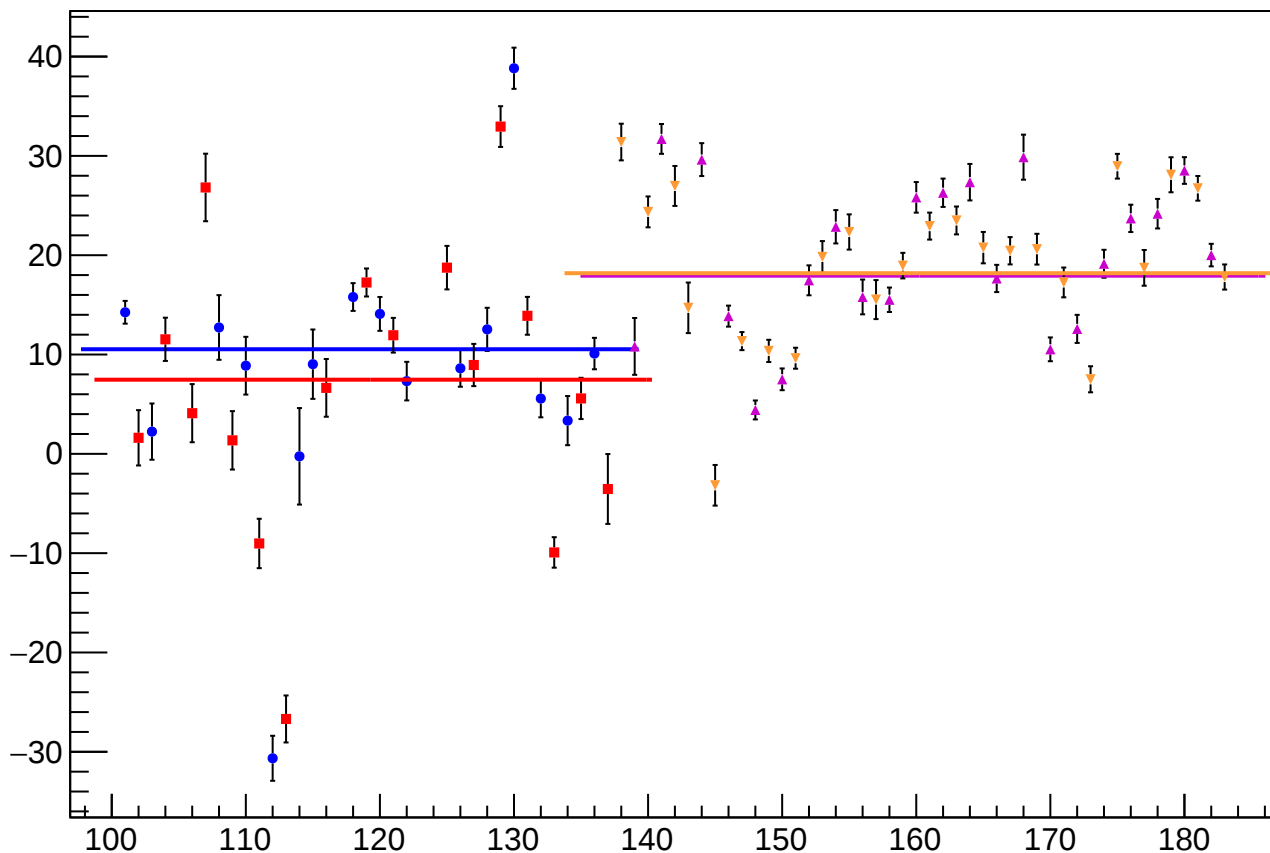
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 68.042 $\pm$ 0.309 χ^2 /NDF: 7461.6/37

Out: 68.497 $\pm$ 0.310 χ^2 /NDF: 8059.0/40

All: 68.269 $\pm$ 0.219 χ^2 /NDF: 15521.7/78

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: 18.188 $\pm$ 0.291 χ^2 /NDF: 631.5/23

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 17.941 $\pm$ 0.295 χ^2 /NDF: 729.1/21

Left: 18.066 $\pm$ 0.207 χ^2 /NDF: 1361.0/45

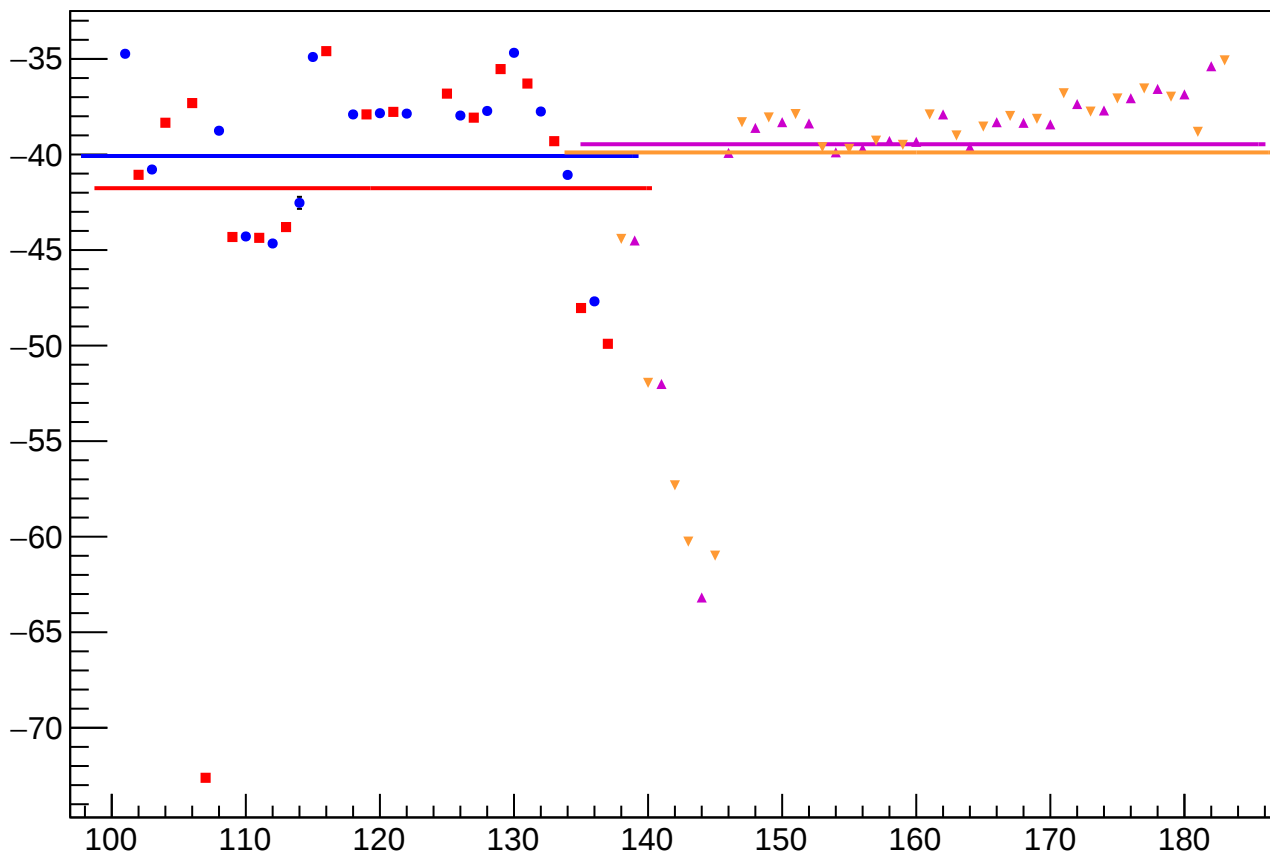
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 15.986 $\pm$ 0.253 χ^2 /NDF: 1475.8/37

Out: 15.667 $\pm$ 0.255 χ^2 /NDF: 1635.4/40

All: 15.828 $\pm$ 0.180 χ^2 /NDF: 3112.0/78

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -39.893 ± 0.014 $\chi^2/\text{NDF}: 162897.7/23$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -39.464 ± 0.014 $\chi^2/\text{NDF}: 116070.5/21$

Left: -39.677 ± 0.010 $\chi^2/\text{NDF}: 279452.9/45$

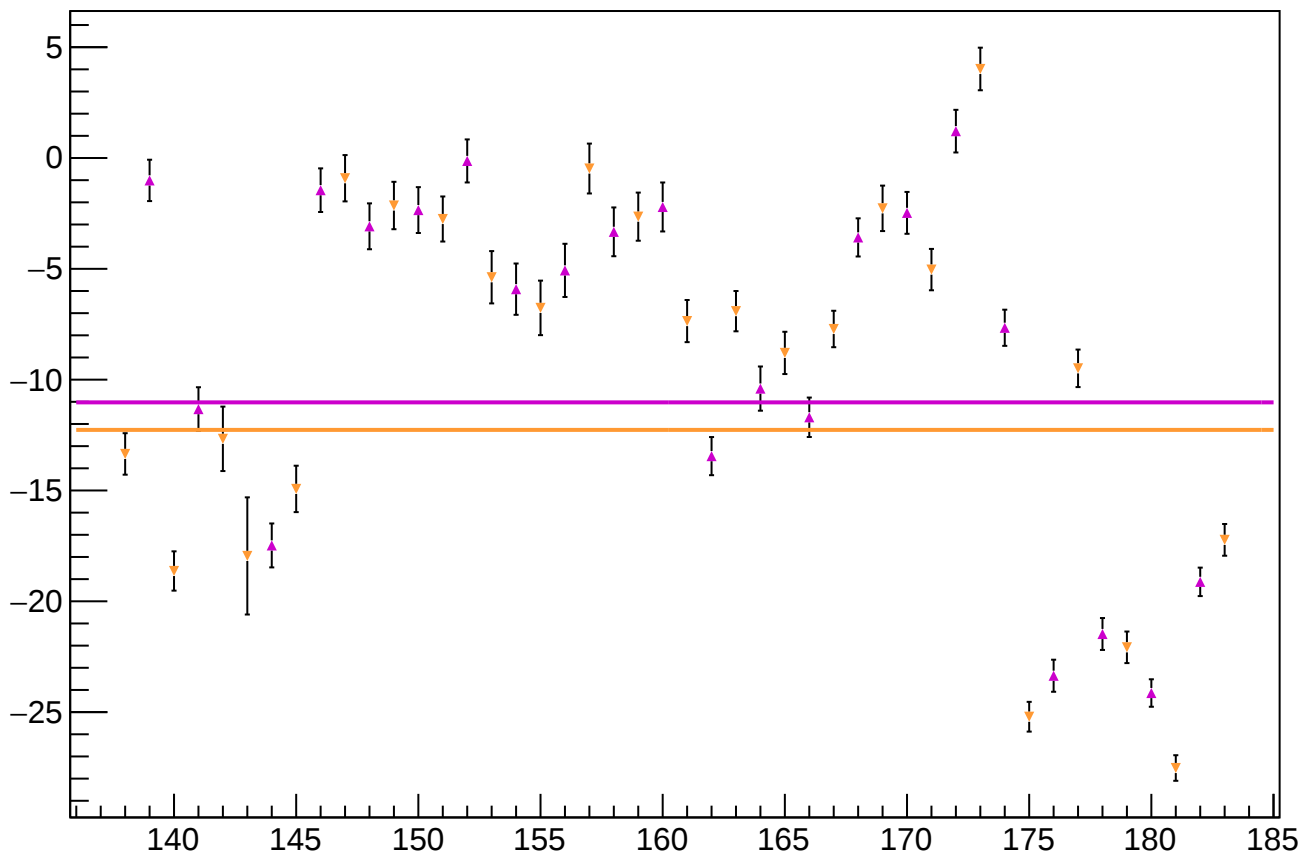
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -39.581 ± 0.012 $\chi^2/\text{NDF}: 141601.2/37$

Out: -40.242 ± 0.012 $\chi^2/\text{NDF}: 226568.2/40$

All: -39.908 ± 0.009 $\chi^2/\text{NDF}: 369586.0/78$

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: -12.267 ± 0.188 χ^2/NDF : 2468.5/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -11.025 ± 0.190 χ^2/NDF : 2116.4/21

Left: -11.652 ± 0.133 χ^2/NDF : 4606.6/45

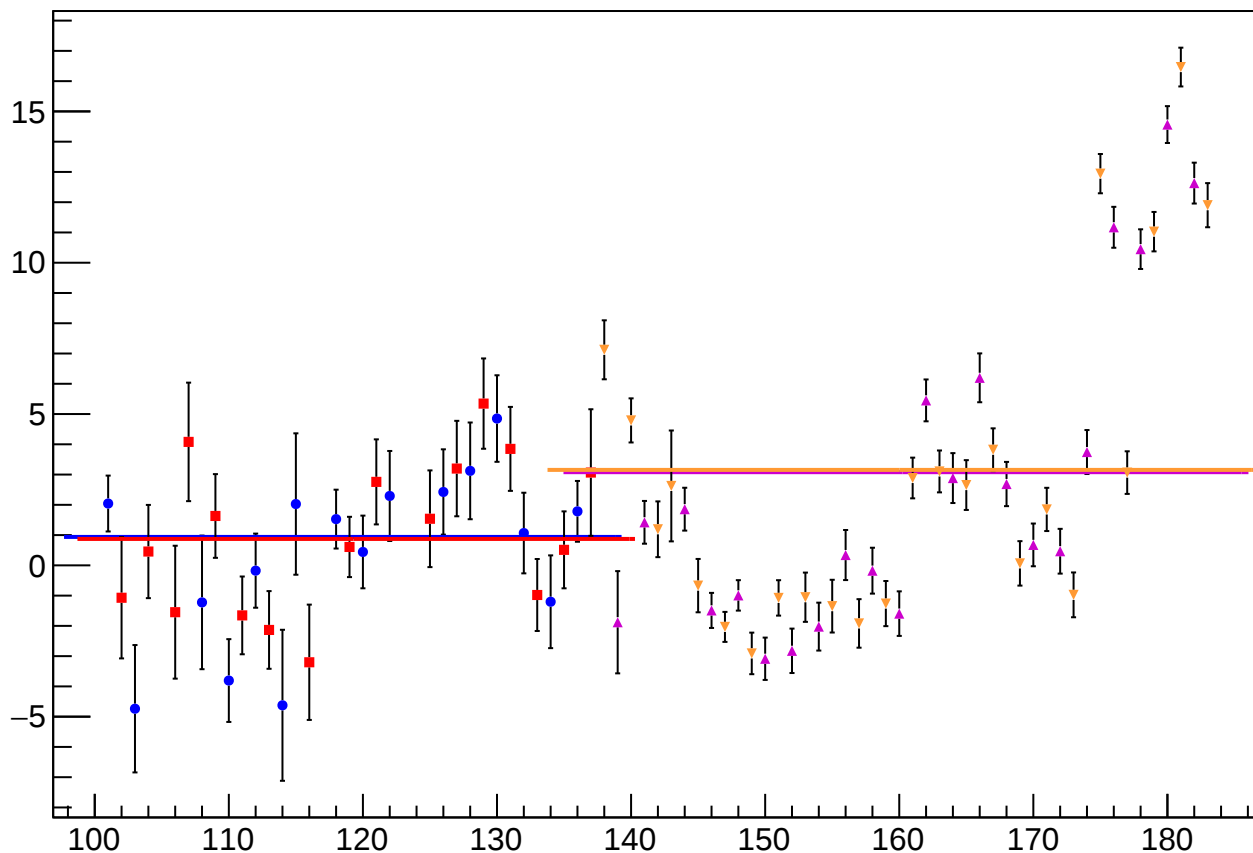
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.025 ± 0.190 χ^2/NDF : 2116.4/21

Out: -12.267 ± 0.188 χ^2/NDF : 2468.5/23

All: -11.652 ± 0.133 χ^2/NDF : 4606.6/45

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.154 ± 0.148 $\chi^2/\text{NDF}: 1416.1/23$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 3.079 ± 0.151 $\chi^2/\text{NDF}: 1276.3/21$

Left: 3.117 ± 0.106 $\chi^2/\text{NDF}: 2692.5/45$

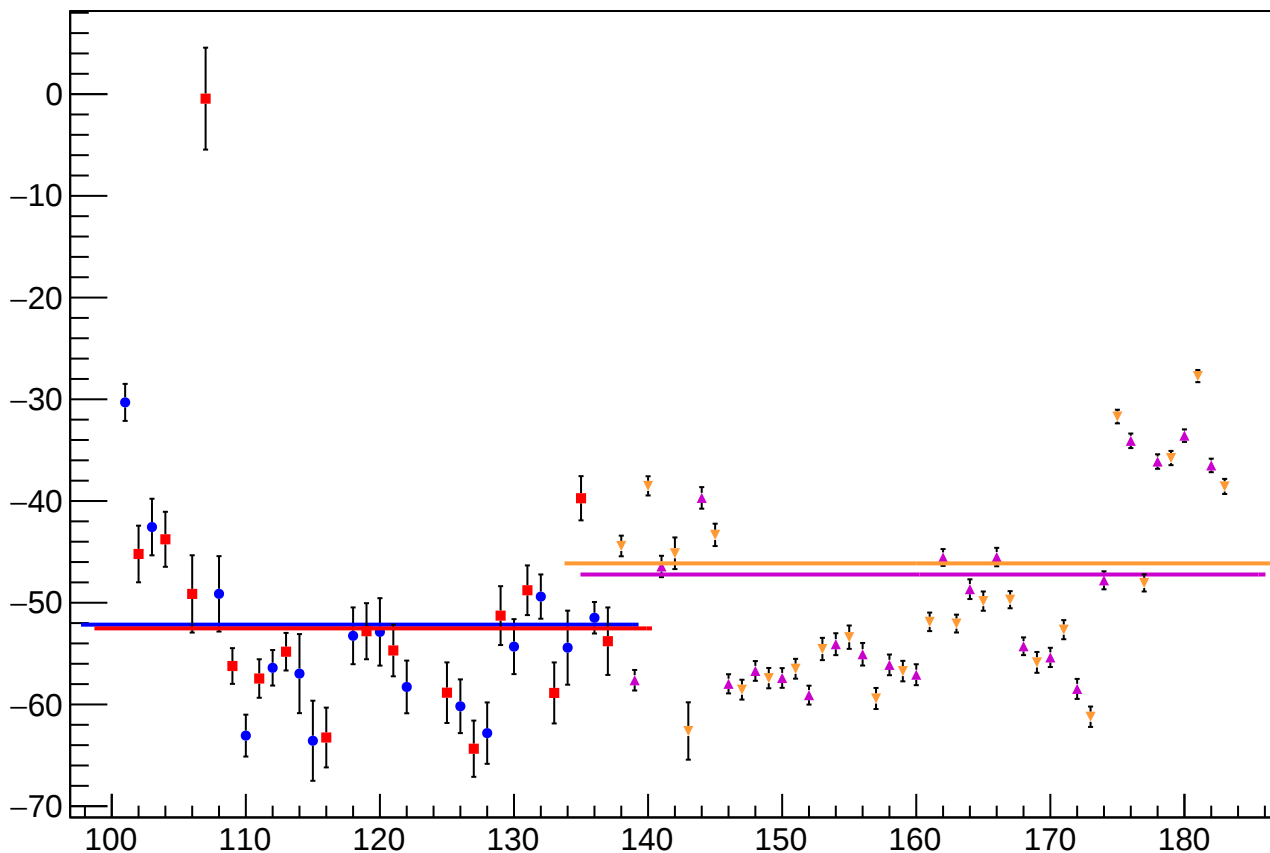
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 2.725 ± 0.138 $\chi^2/\text{NDF}: 1351.8/37$

Out: 2.814 ± 0.137 $\chi^2/\text{NDF}: 1492.0/40$

All: 2.770 ± 0.097 $\chi^2/\text{NDF}: 2844.0/78$

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: -46.131 ± 0.187 χ^2/NDF : 3100.9/23

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -47.224 ± 0.189 χ^2/NDF : 2522.9/21

Left: -46.674 ± 0.133 χ^2/NDF : 5640.7/45

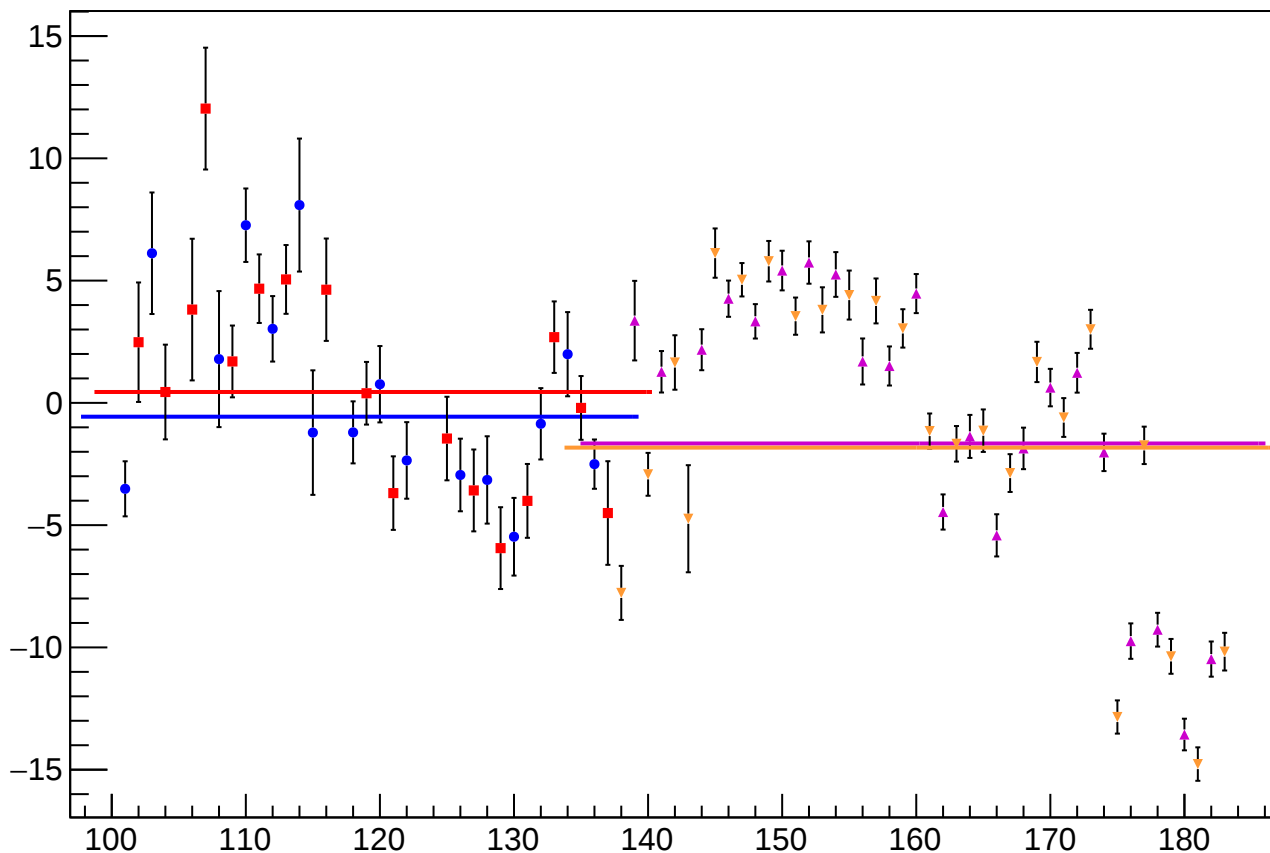
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -47.651 ± 0.180 χ^2/NDF : 2813.0/37

Out: -46.670 ± 0.179 χ^2/NDF : 3416.6/40

All: -47.158 ± 0.127 χ^2/NDF : 6244.5/78

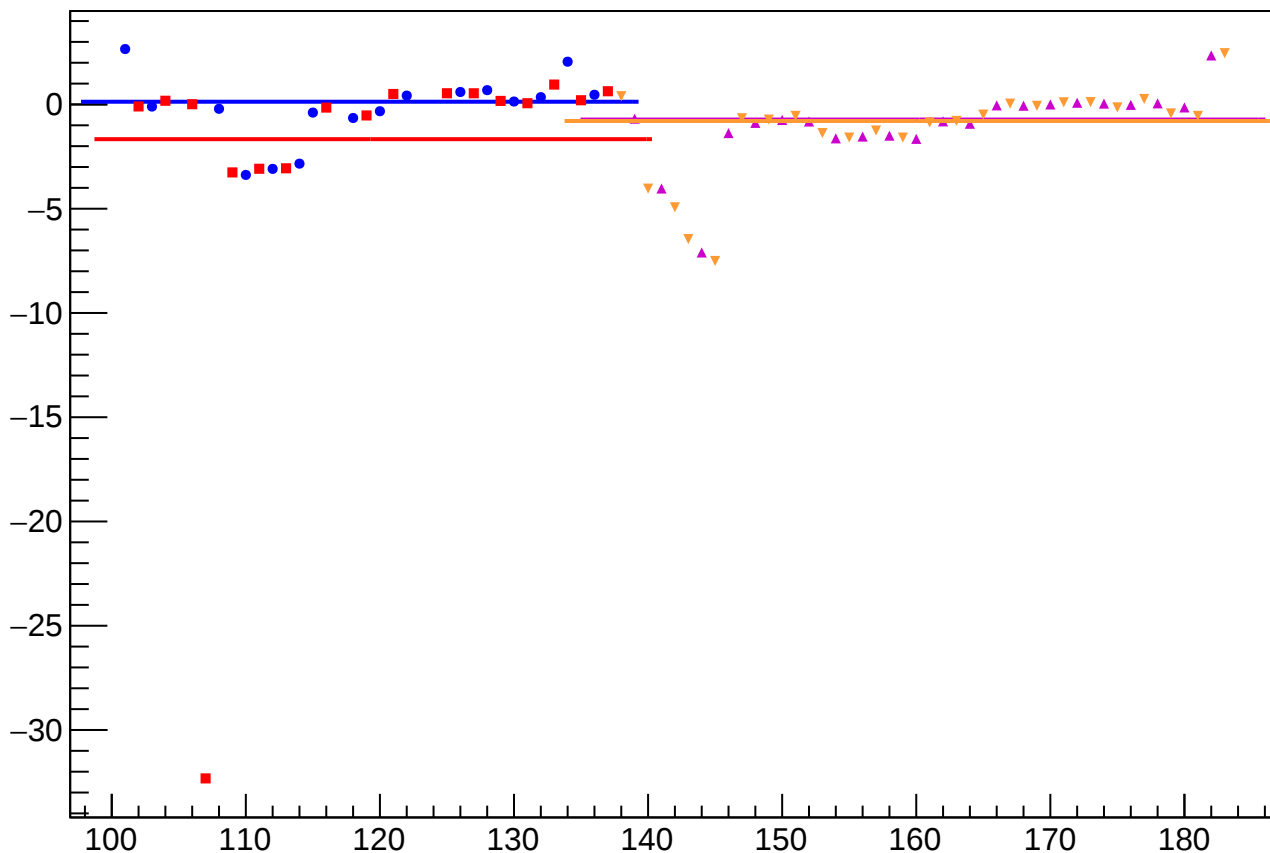
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 $\pm$ 0.384 χ^2/NDF : 81.8/15
 Left Out: -1.830 $\pm$ 0.168 χ^2/NDF :1439.9/23
 Right Out: 0.445 $\pm$ 0.400 χ^2/NDF : 94.1/16
 Left In: -1.661 $\pm$ 0.170 χ^2/NDF :1241.0/21

Left: -1.747 $\pm$ 0.119 χ^2/NDF : 2681.4/45
 Right: -0.080 $\pm$ 0.277 χ^2/NDF : 179.3/32
 In: -1.481 $\pm$ 0.156 χ^2/NDF :1329.7/37
 Out: -1.490 $\pm$ 0.155 χ^2/NDF :1561.5/40
 All: -1.486 $\pm$ 0.110 χ^2/NDF : 2891.2/78

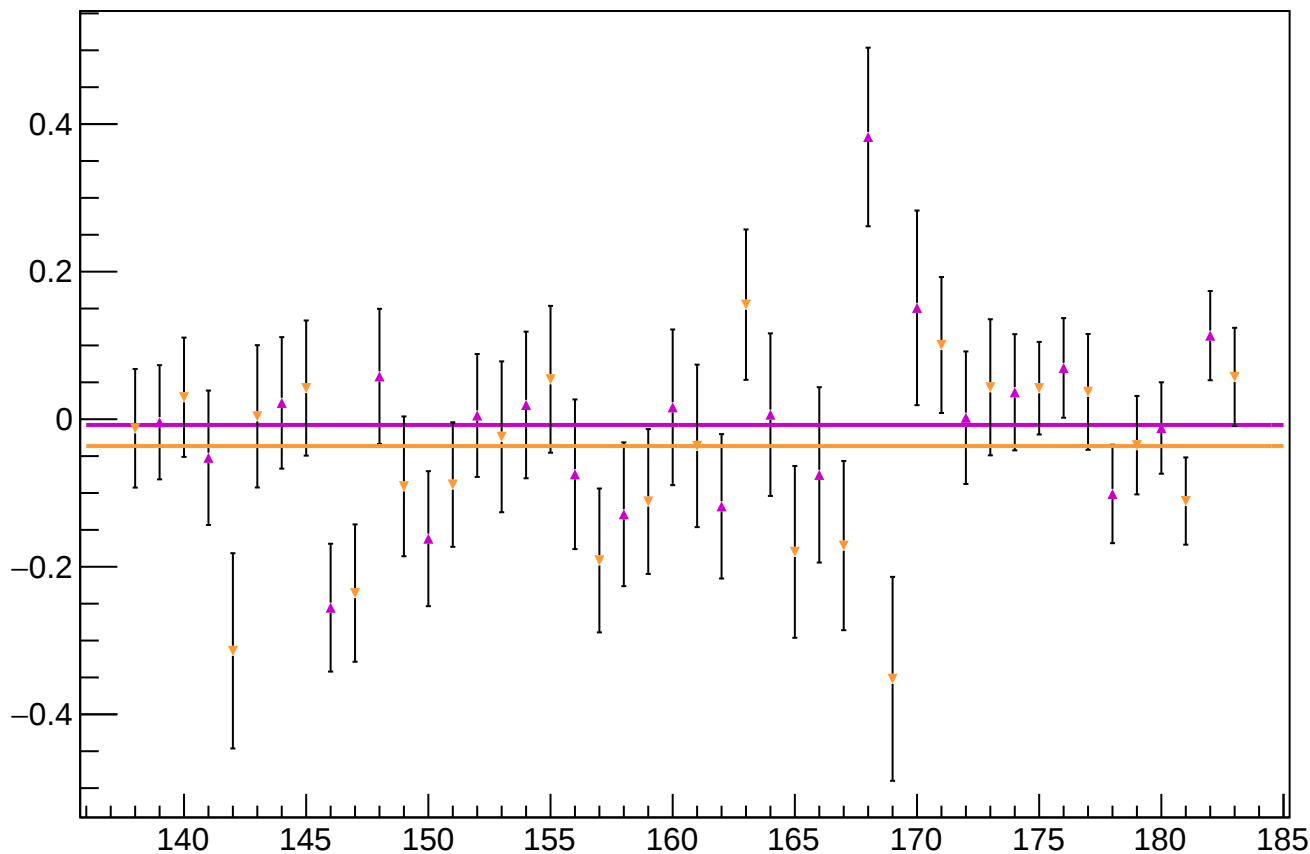
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.793 ± 0.008 $\chi^2/\text{NDF}: 52752.3/23$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.724 ± 0.008 $\chi^2/\text{NDF}: 40016.7/21$

Left: -0.758 ± 0.005 $\chi^2/\text{NDF}: 92809.2/45$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.626 ± 0.007 $\chi^2/\text{NDF}: 46645.8/37$
 Out: -0.889 ± 0.007 $\chi^2/\text{NDF}: 131766.1/40$
 All: -0.758 ± 0.005 $\chi^2/\text{NDF}: 179064.9/78$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Left: -0.022 $\pm$ 0.013 χ^2 /NDF: 72.3/45

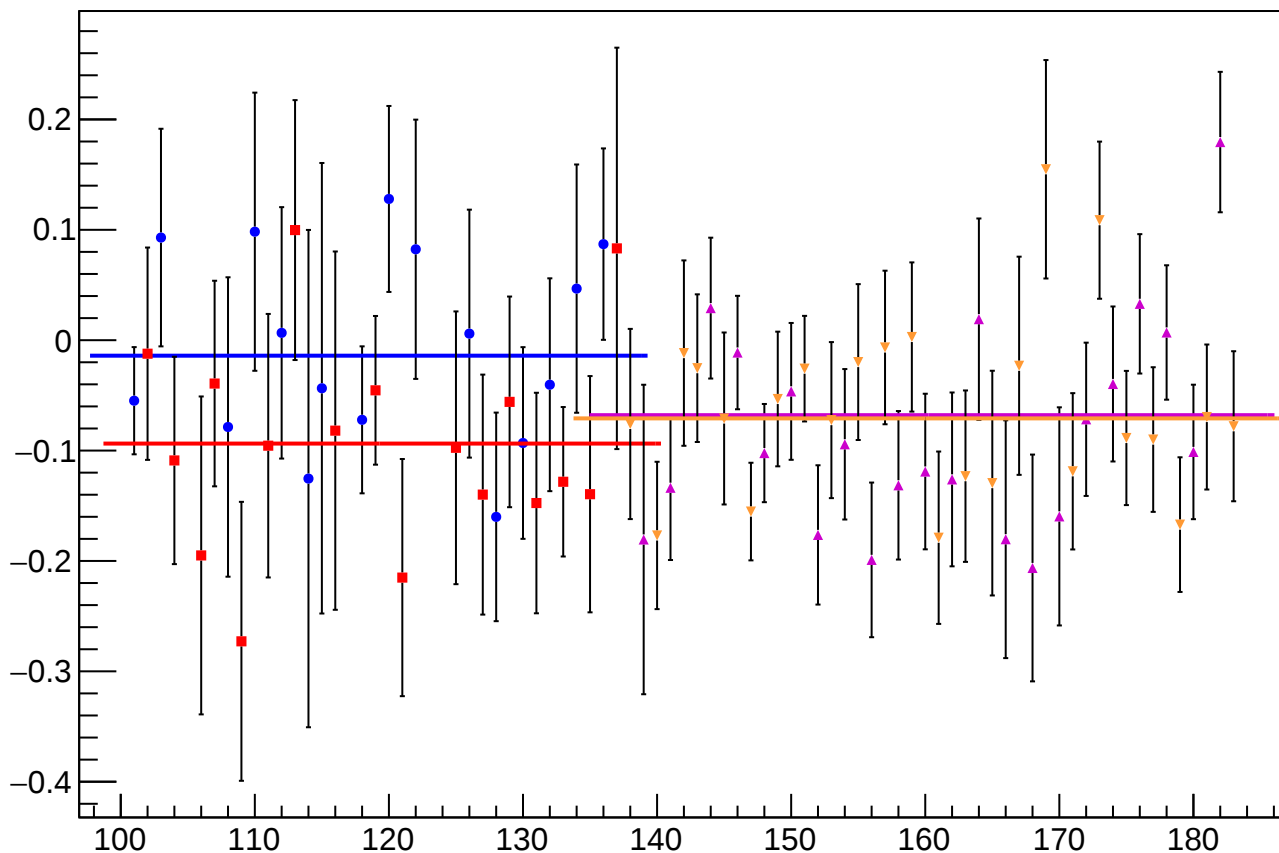
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

All: -0.022 $\pm$ 0.013 χ^2 /NDF: 72.3/45

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 : 28.3/23

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.068 ± 0.014 χ^2/NDF : 38.8/21

Left: -0.069 ± 0.010 χ^2/NDF : 67.1/45

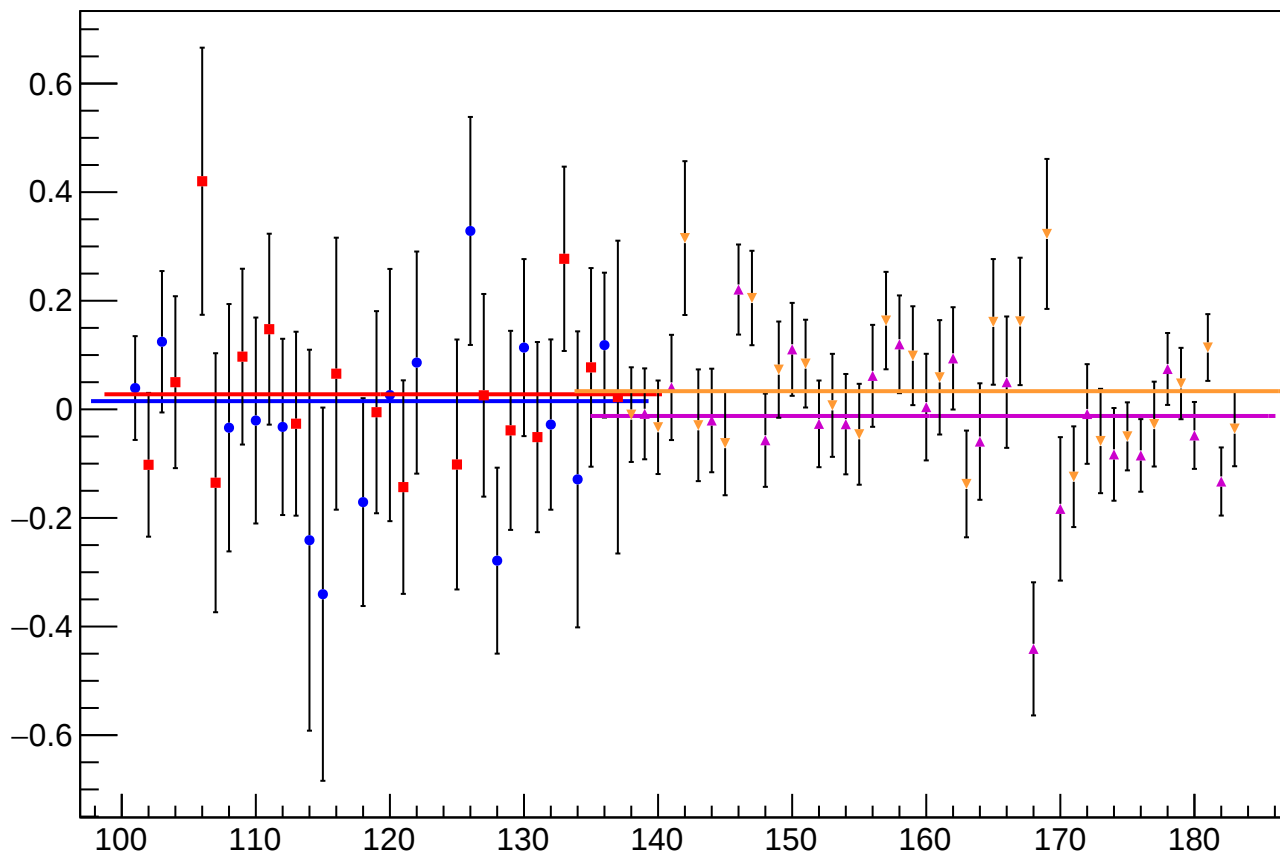
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.053 ± 0.012 χ^2/NDF : 55.1/37

Out: -0.076 ± 0.012 χ^2/NDF : 39.0/40

All: -0.065 ± 0.009 χ^2/NDF : 96.0/78

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.033 $\pm$ 0.018 χ^2 /NDF:32.9/23

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: -0.012 $\pm$ 0.018 χ^2 /NDF:36.6/21

Left: 0.011 $\pm$ 0.013 χ^2 /NDF: 72.7/45

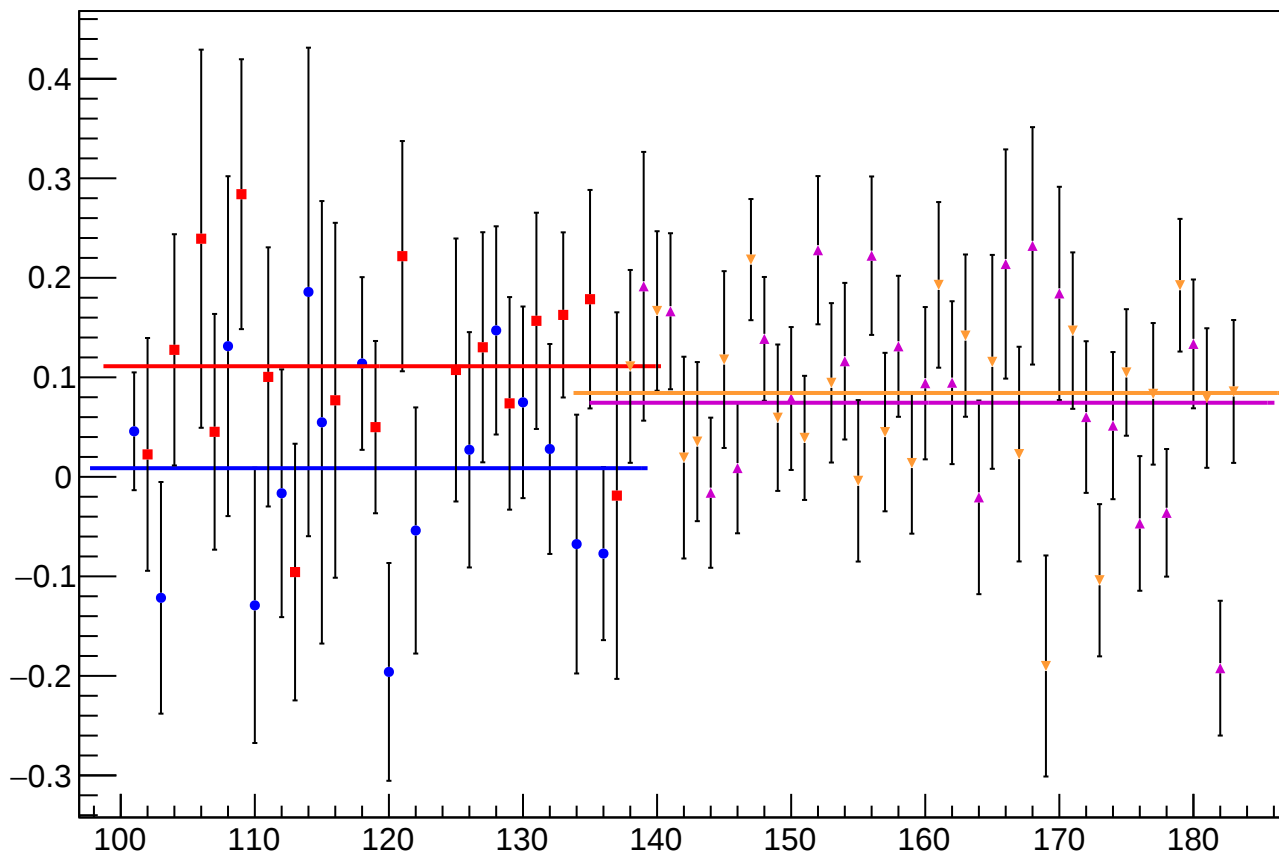
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: -0.008 $\pm$ 0.017 χ^2 /NDF:47.1/37

Out: 0.033 $\pm$ 0.017 χ^2 /NDF:41.3/40

All: 0.013 $\pm$ 0.012 χ^2 /NDF: 91.4/78

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.084 ± 0.016 $\chi^2/\text{NDF}: 28.1/23$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.074 ± 0.016 $\chi^2/\text{NDF}: 42.2/21$

Left: 0.080 ± 0.011 $\chi^2/\text{NDF}: 70.6/45$

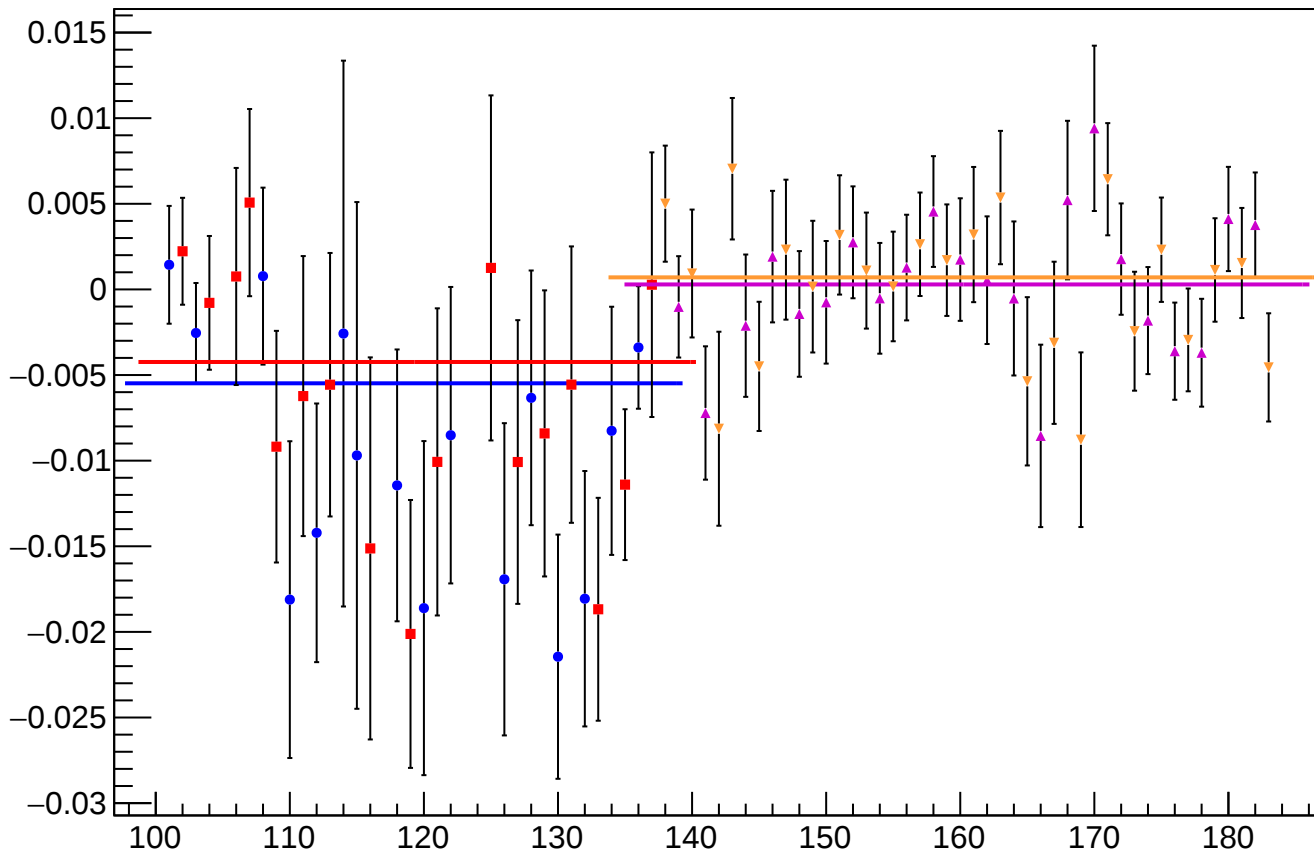
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.057 ± 0.014 $\chi^2/\text{NDF}: 59.2/37$

Out: 0.091 ± 0.014 $\chi^2/\text{NDF}: 37.4/40$

All: 0.074 ± 0.010 $\chi^2/\text{NDF}: 99.5/78$

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:25.5/23

Right Out: -0.004 $\pm$ 0.001 χ^2 /NDF: 23.7/16

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:21.9/21

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 47.5/45

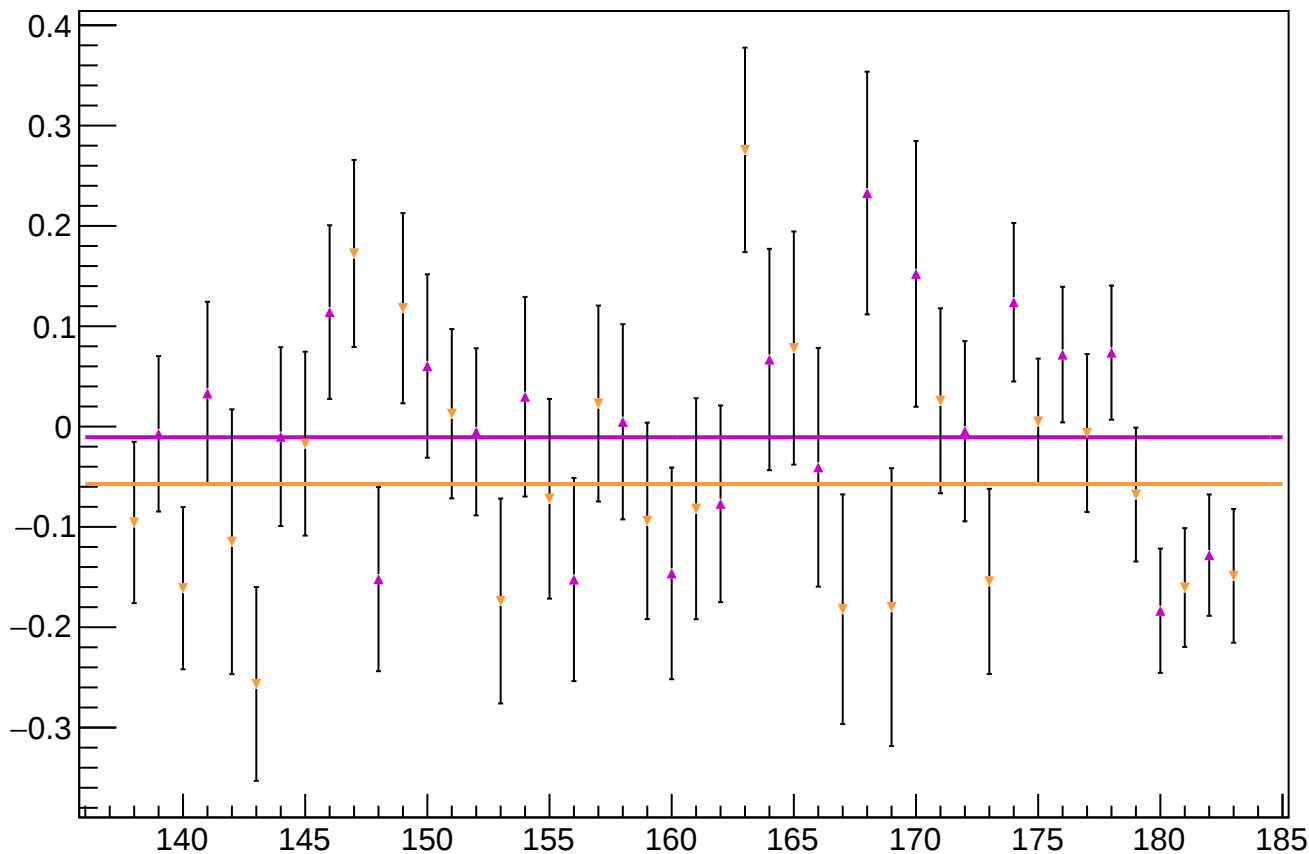
Right: -0.005 $\pm$ 0.001 χ^2 /NDF: 46.3/32

In: -0.001 $\pm$ 0.001 χ^2 /NDF:56.8/37

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:58.3/40

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 115.6/78

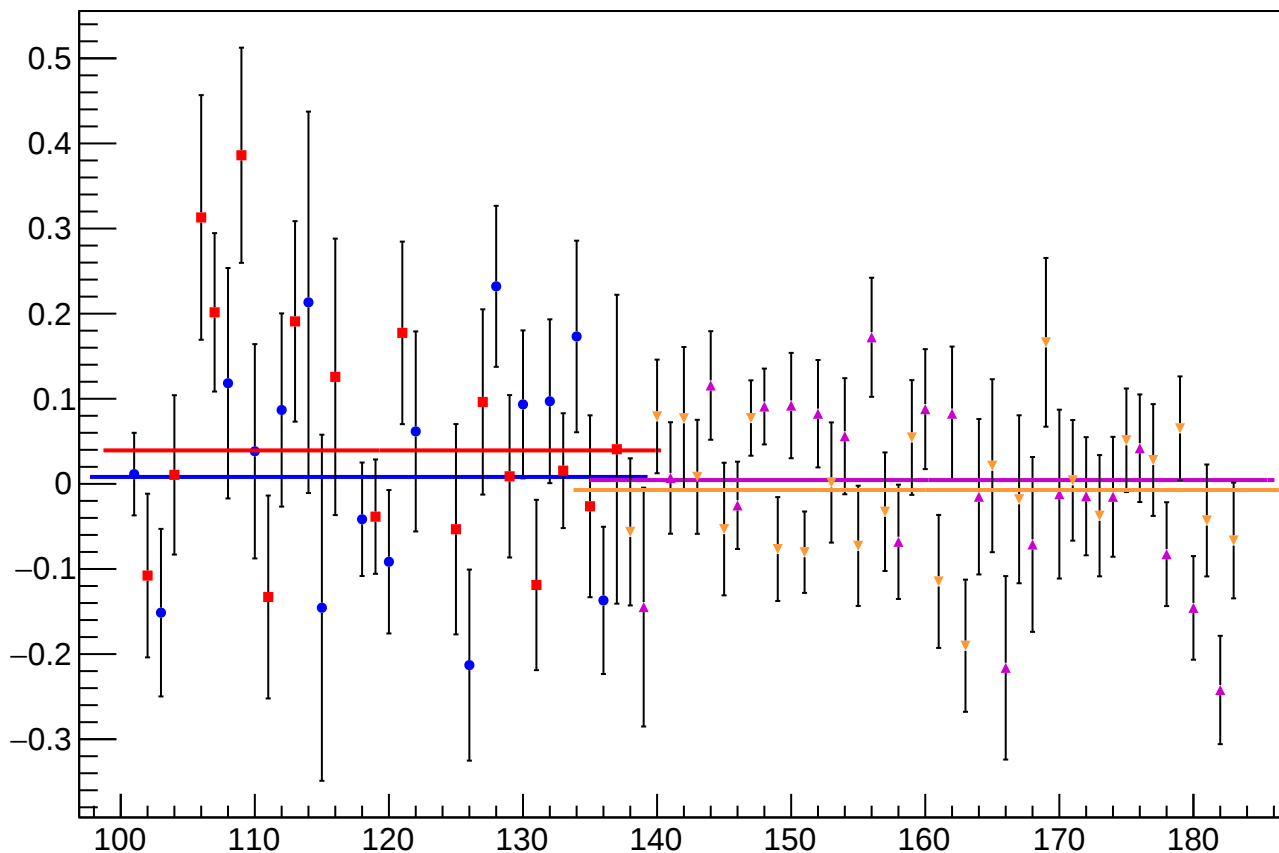
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21

Left: -0.035 $\pm$ 0.013 χ^2 /NDF: 77.7/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21
 Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 All: -0.035 $\pm$ 0.013 χ^2 /NDF: 77.7/45

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.007 $\pm$ 0.014 χ^2 /NDF:27.0/23

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.1/21

Left: -0.002 $\pm$ 0.010 χ^2 /NDF: 77.5/45

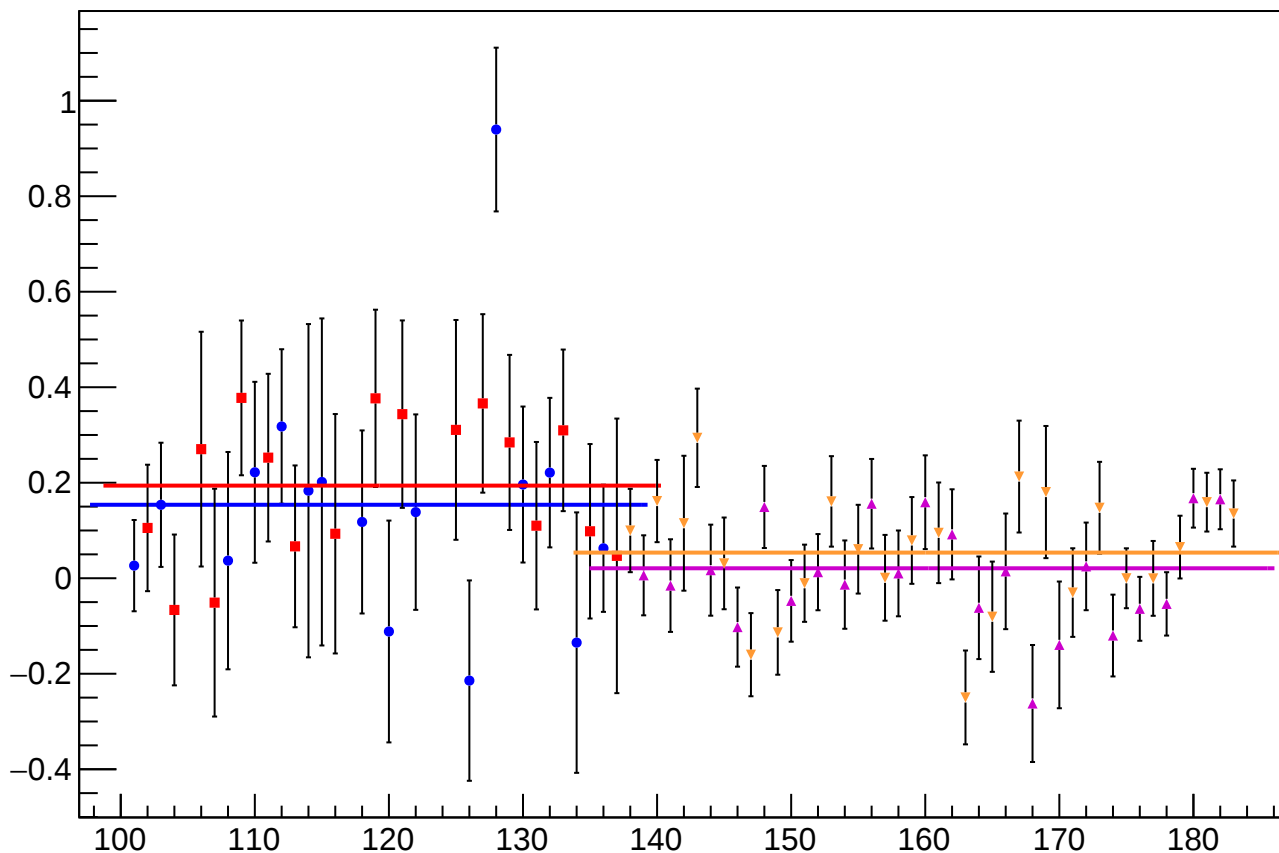
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.006 $\pm$ 0.012 χ^2 /NDF:73.8/37

Out: 0.004 $\pm$ 0.012 χ^2 /NDF:57.3/40

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 131.1/78

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: 0.054 ± 0.018 χ^2/NDF : 40.5/23

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.021 ± 0.018 χ^2/NDF : 34.0/21

Left: 0.038 ± 0.013 χ^2/NDF : 76.2/45

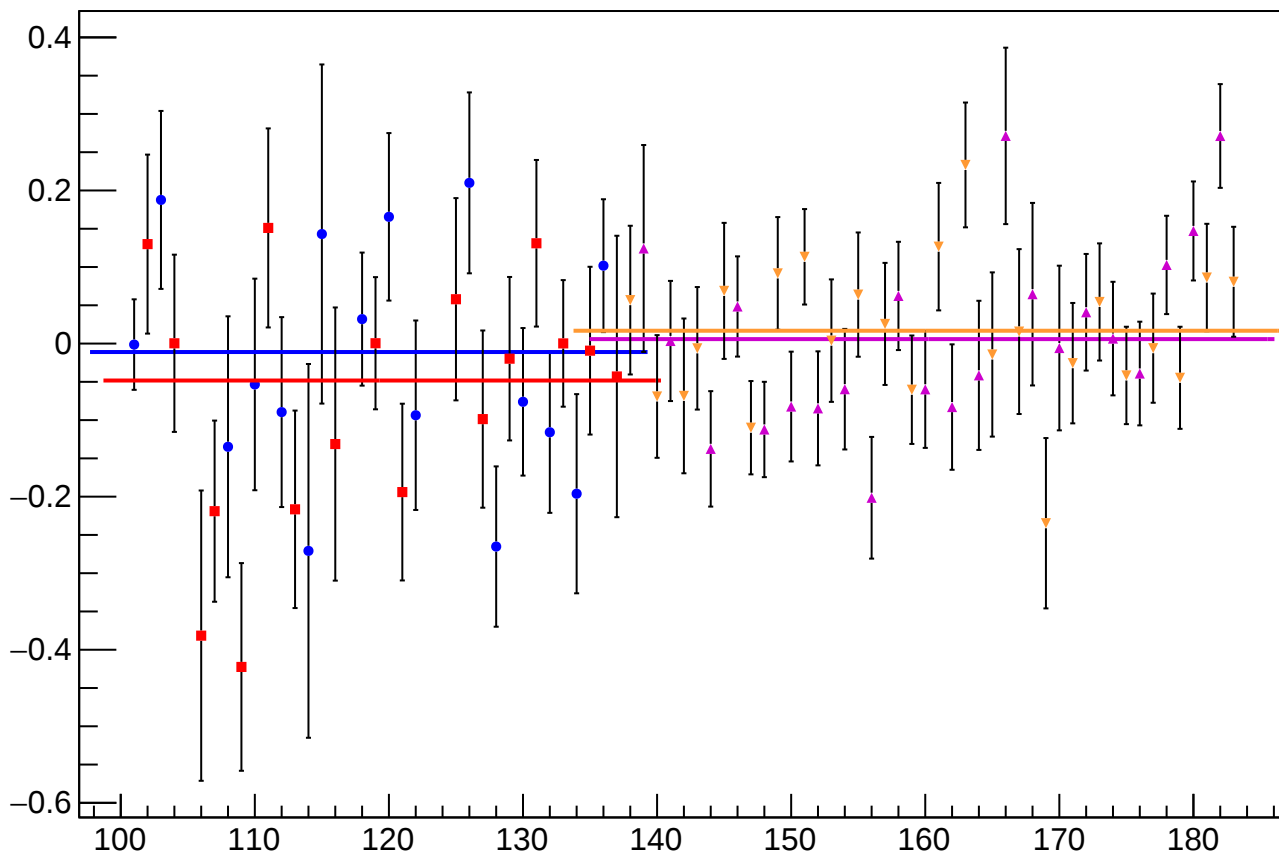
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.041 ± 0.017 χ^2/NDF : 72.7/37

Out: 0.073 ± 0.017 χ^2/NDF : 59.5/40

All: 0.057 ± 0.012 χ^2/NDF : 134.0/78

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 ± 0.016 χ^2/NDF : 29.9/23

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.006 ± 0.016 χ^2/NDF : 50.2/21

Left: 0.011 ± 0.011 χ^2/NDF : 80.3/45

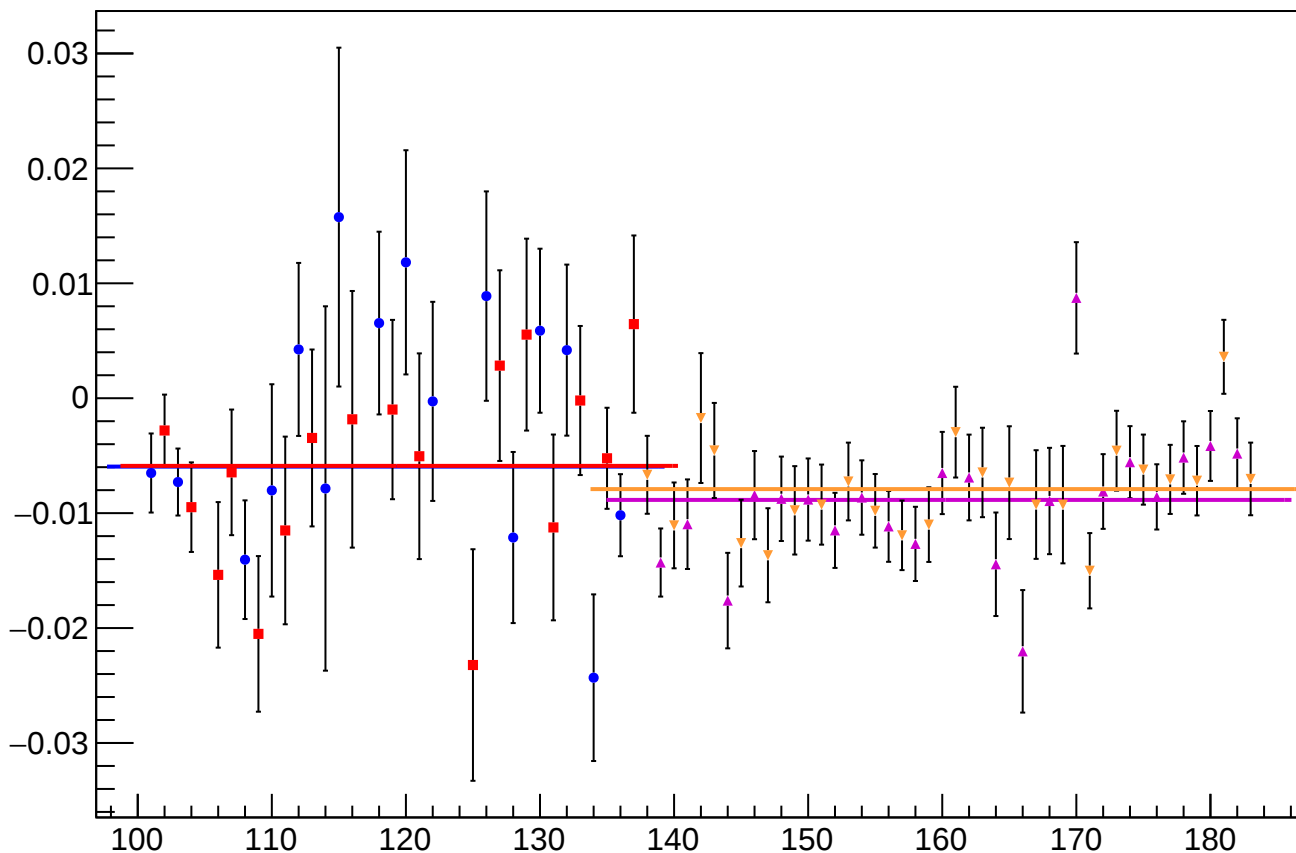
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: 0.001 ± 0.014 χ^2/NDF : 74.0/37

Out: 0.001 ± 0.014 χ^2/NDF : 59.4/40

All: 0.001 ± 0.010 χ^2/NDF : 133.3/78

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 : 30.5/23

Right Out: -0.006 $\pm$ 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 $\pm$ 0.001 χ^2/NDF : 38.9/21

Left: -0.008 $\pm$ 0.001 χ^2/NDF : 70.2/45

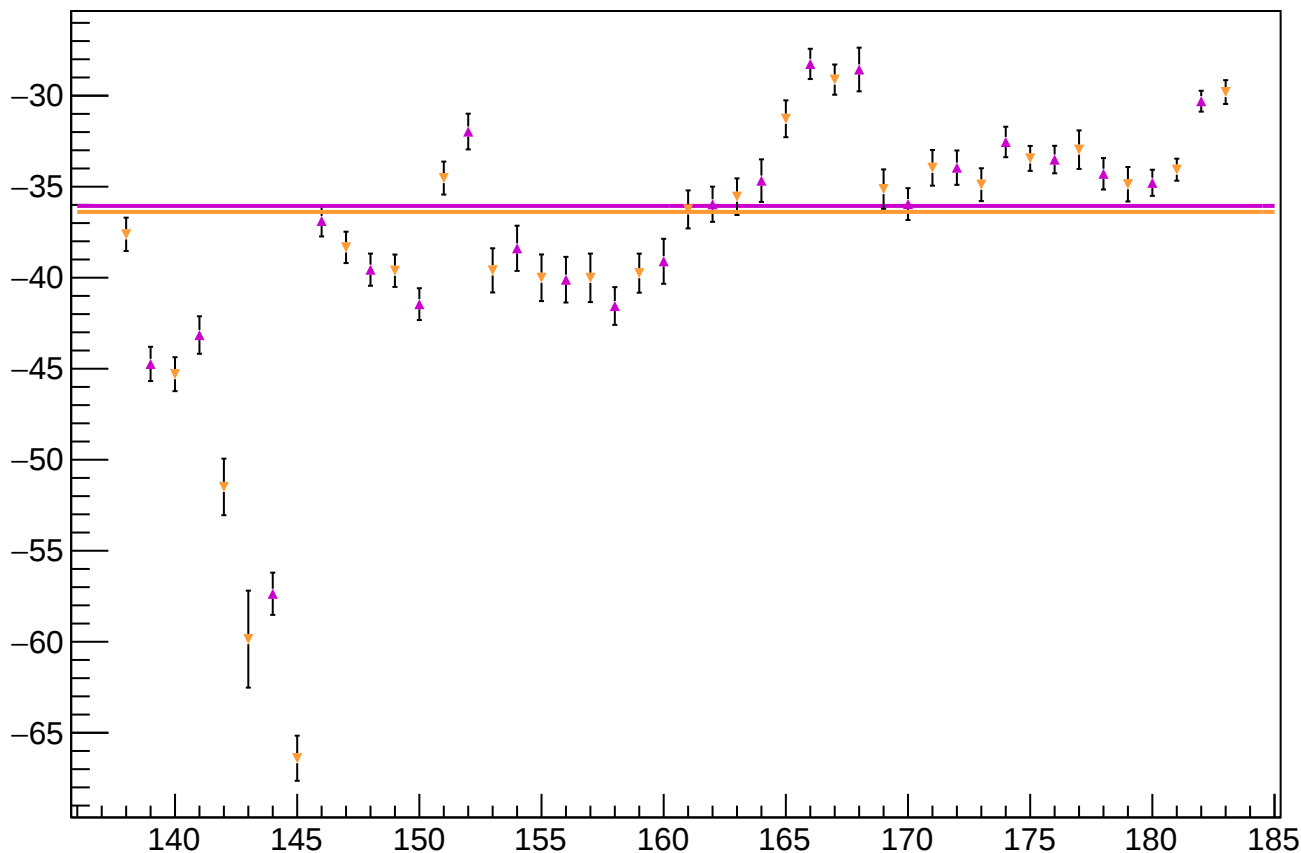
Right: -0.006 $\pm$ 0.001 χ^2/NDF : 48.3/32

In: -0.008 $\pm$ 0.001 χ^2/NDF : 70.9/37

Out: -0.008 $\pm$ 0.001 χ^2/NDF : 51.6/40

All: -0.008 $\pm$ 0.000 χ^2/NDF : 123.1/78

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: -36.386+/-0.193 χ^2/NDF :1166.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.056+/-0.194 χ^2/NDF :860.1/21

Left: -36.221+/-0.137 χ^2/NDF : 2028.0/45

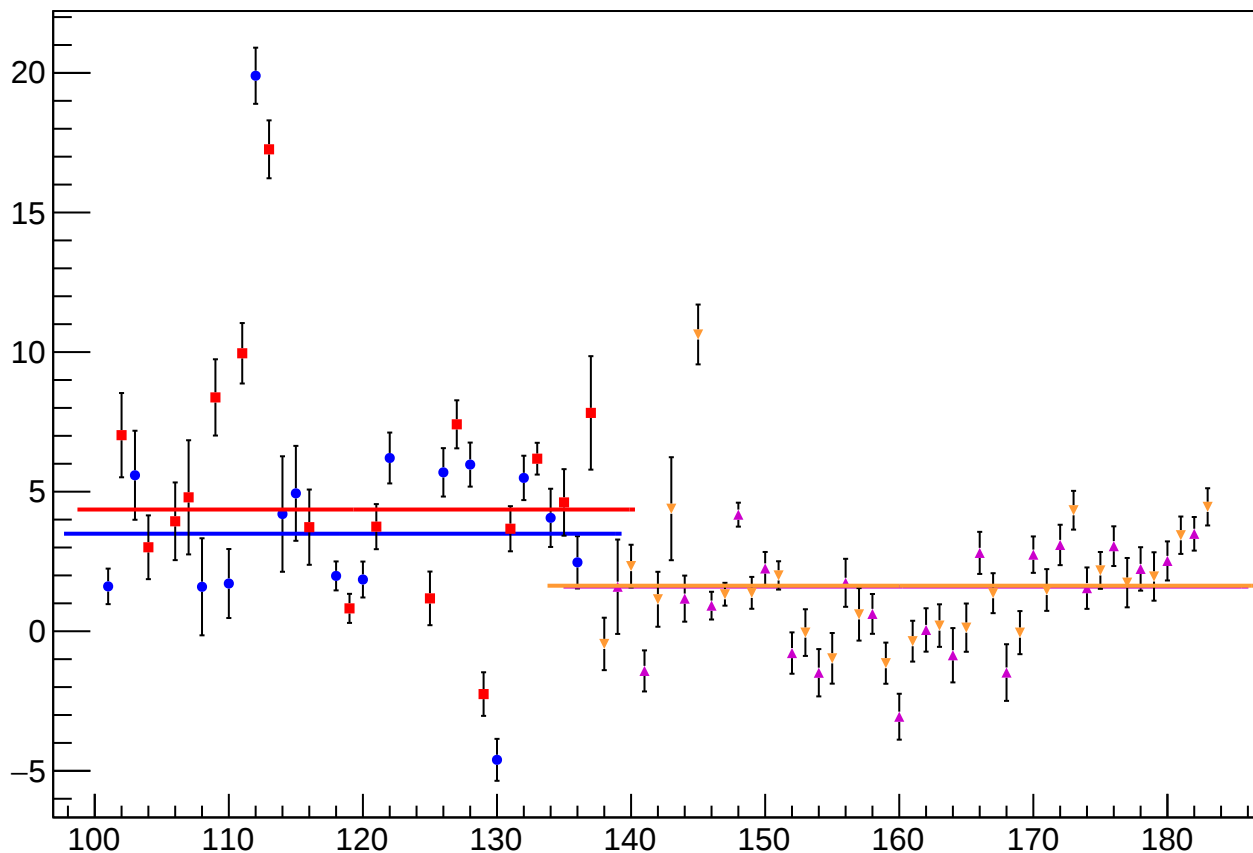
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.056+/-0.194 χ^2/NDF :860.1/21

Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

All: -36.221+/-0.137 χ^2/NDF : 2028.0/45

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF:167.8/23

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.600 $\pm$ 0.151 χ^2 /NDF:159.8/21

Left: 1.616 $\pm$ 0.106 χ^2 /NDF: 327.7/45

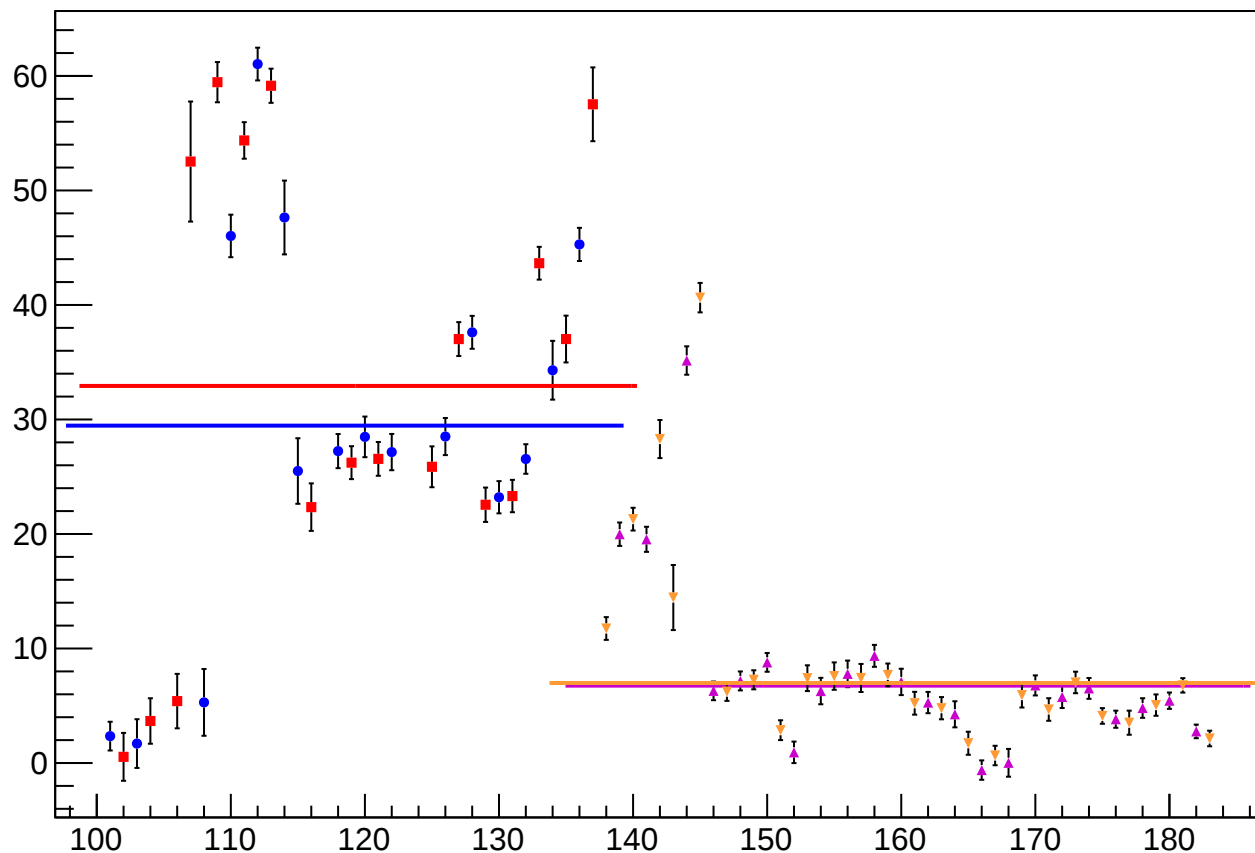
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.214 $\pm$ 0.124 χ^2 /NDF:655.9/37

Out: 2.457 $\pm$ 0.124 χ^2 /NDF:621.1/40

All: 2.336 $\pm$ 0.088 χ^2 /NDF: 1278.9/78

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 6.988+/-0.193 χ^2/NDF :1291.7/23

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 6.757+/-0.193 χ^2/NDF :1065.2/21

Left: 6.872+/-0.136 χ^2/NDF : 2357.7/45

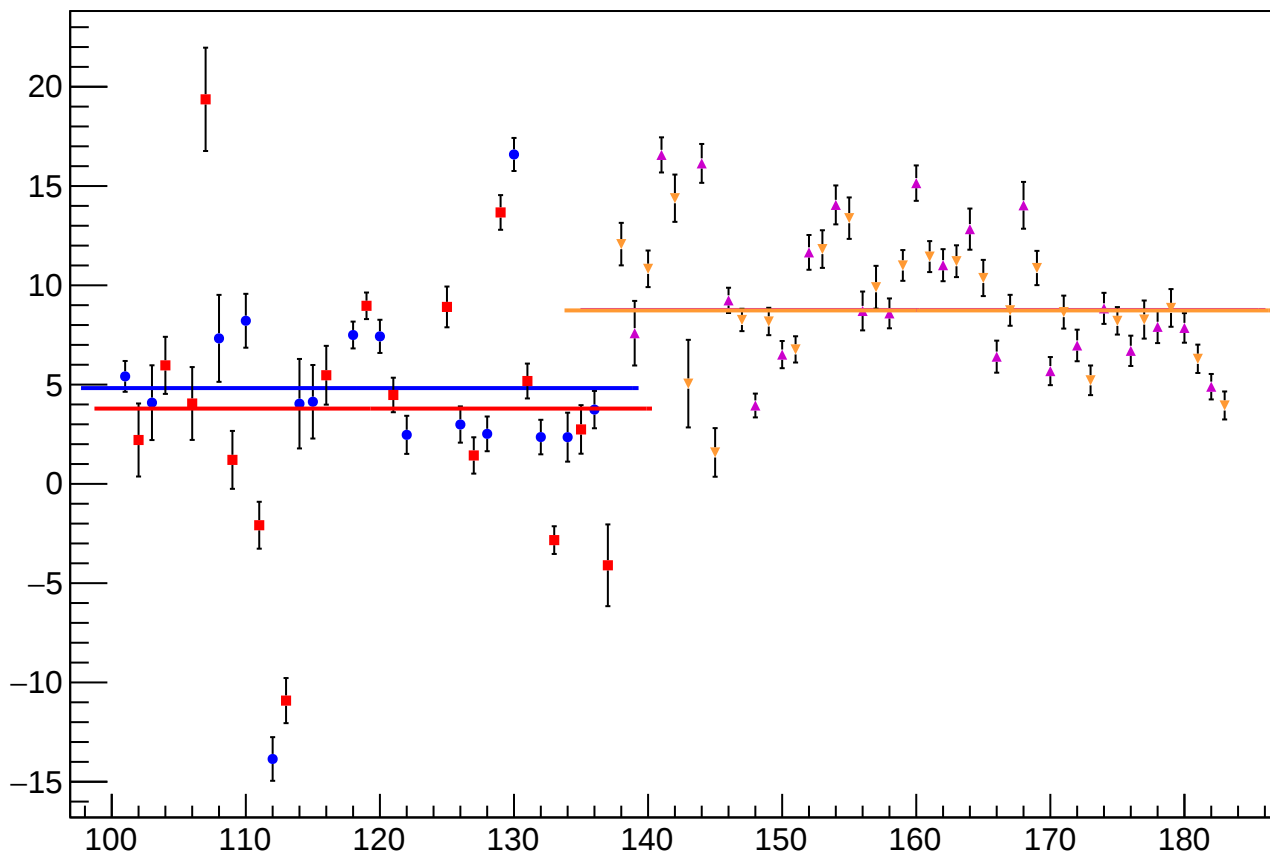
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 10.748+/-0.175 χ^2/NDF :4994.5/37

Out: 11.437+/-0.175 χ^2/NDF :6025.0/40

All: 11.092+/-0.124 χ^2/NDF : 11027.2/78

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: 8.736 $\pm$ 0.170 χ^2 /NDF:236.5/23

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 8.758 $\pm$ 0.172 χ^2 /NDF:424.3/21

Left: 8.747 $\pm$ 0.121 χ^2 /NDF: 660.8/45

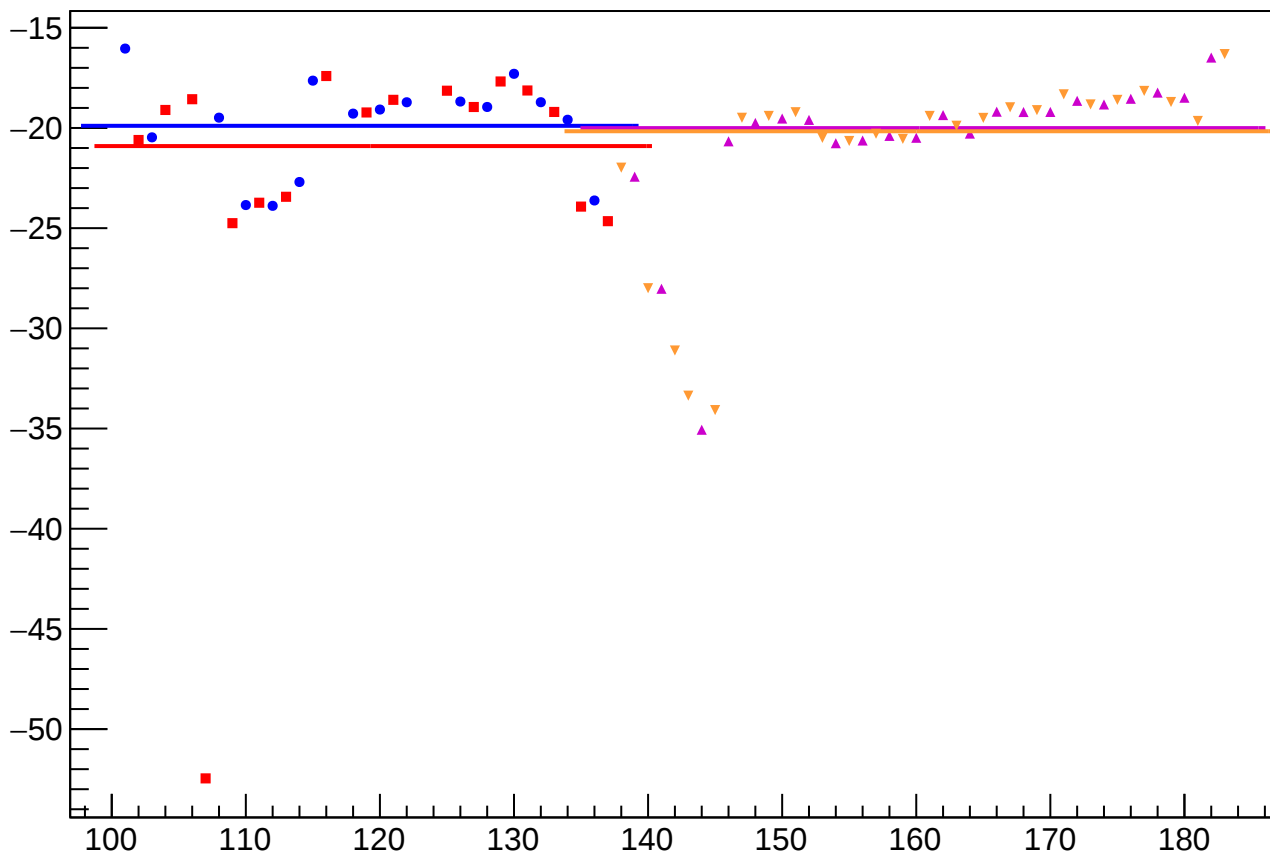
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.508 $\pm$ 0.142 χ^2 /NDF:1143.9/37

Out: 7.248 $\pm$ 0.142 χ^2 /NDF:1054.9/40

All: 7.378 $\pm$ 0.100 χ^2 /NDF: 2200.5/78

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -20.164 $\pm$ 0.008 χ^2 /NDF:179671.0/23

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -20.007 $\pm$ 0.008 χ^2 /NDF:140247.5/21

Left: -20.085 $\pm$ 0.006 χ^2 /NDF: 320113.0/45

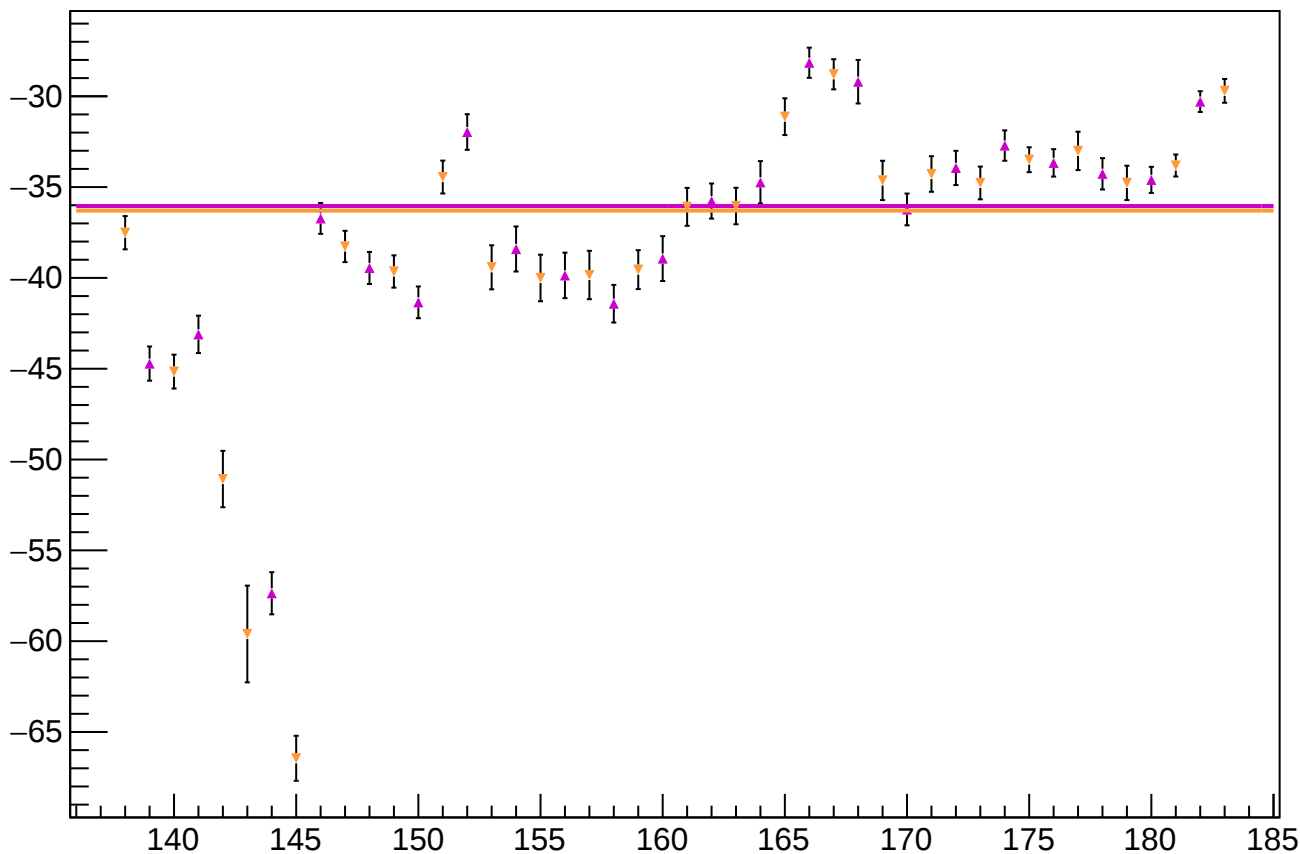
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -19.983 $\pm$ 0.007 χ^2 /NDF:166382.8/37

Out: -20.315 $\pm$ 0.007 χ^2 /NDF:274232.0/40

All: -20.148 $\pm$ 0.005 χ^2 /NDF: 441707.9/78

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: -36.296+/-0.193 χ^2/NDF :1171.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.043+/-0.194 χ^2/NDF :848.6/21

Left: -36.170+/-0.137 χ^2/NDF : 2020.9/45

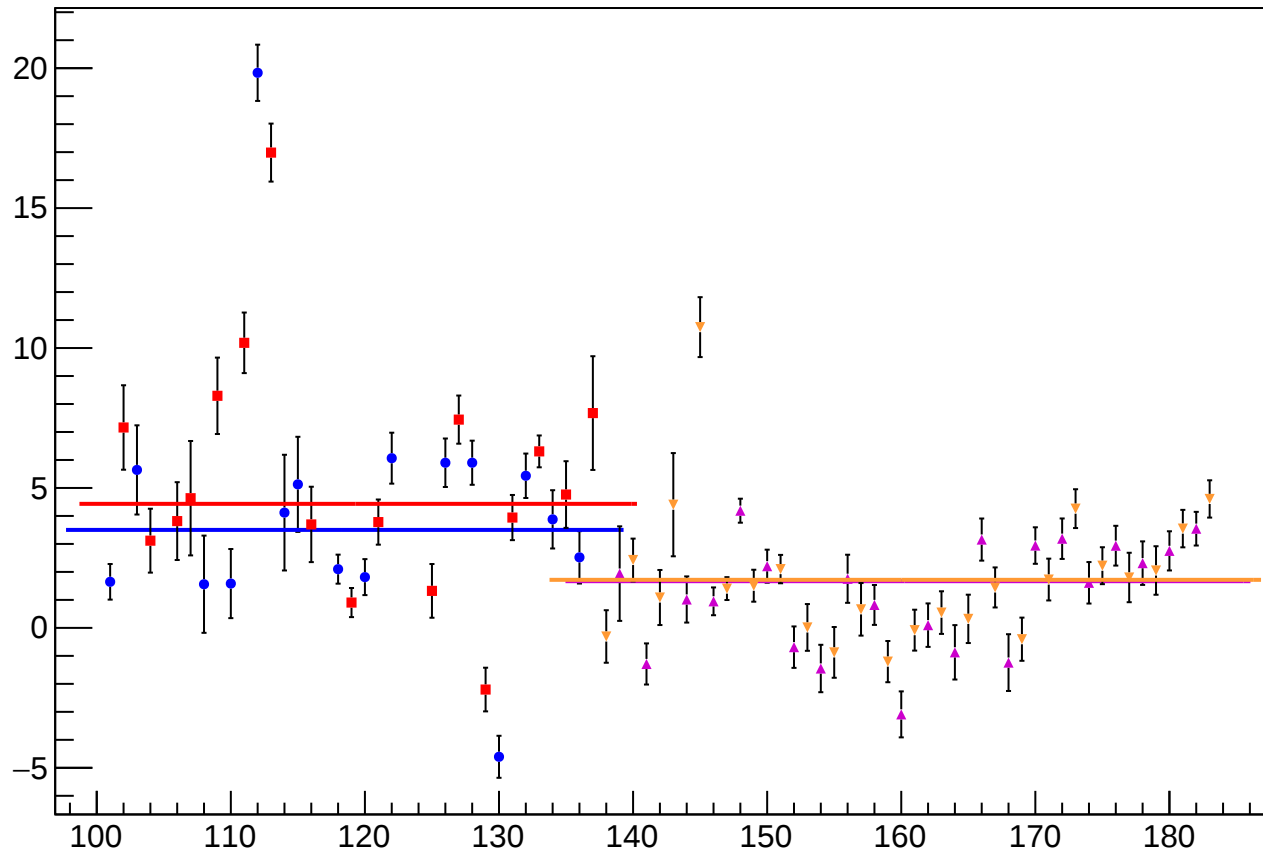
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.043+/-0.194 χ^2/NDF :848.6/21

Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

All: -36.170+/-0.137 χ^2/NDF : 2020.9/45

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.717 $\pm$ 0.148 χ^2 /NDF:169.0/23

Right Out: 4.432 $\pm$ 0.225 χ^2 /NDF: 343.6/16

Left In: 1.669 $\pm$ 0.151 χ^2 /NDF:160.2/21

Left: 1.693 $\pm$ 0.106 χ^2 /NDF: 329.3/45

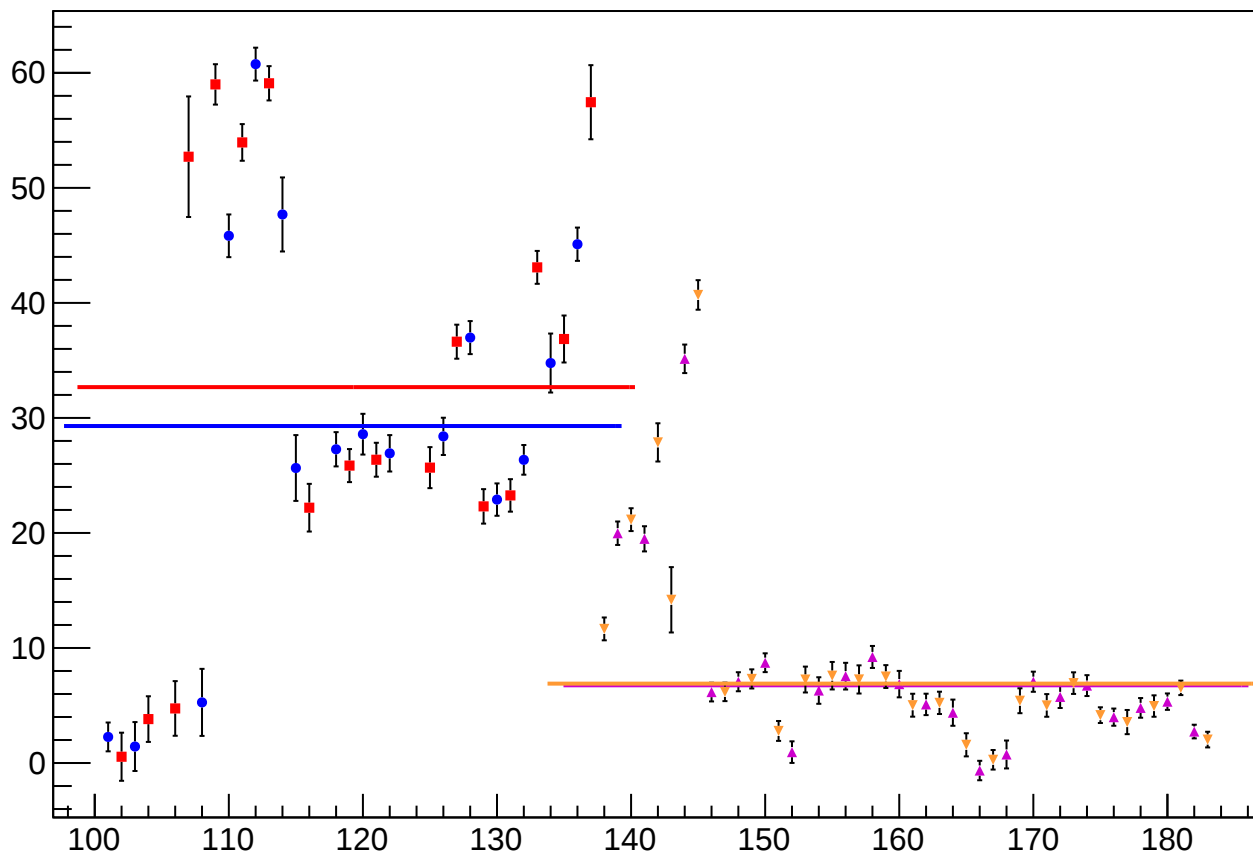
Right: 3.951 $\pm$ 0.156 χ^2 /NDF: 794.3/32

In: 2.263 $\pm$ 0.124 χ^2 /NDF:650.1/37

Out: 2.538 $\pm$ 0.124 χ^2 /NDF:614.0/40

All: 2.401 $\pm$ 0.088 χ^2 /NDF: 1266.6/78

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: 6.901 $\pm$ 0.193 χ^2 /NDF:1293.3/23

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 6.755 $\pm$ 0.193 χ^2 /NDF:1057.8/21

Left: 6.828 $\pm$ 0.136 χ^2 /NDF: 2351.4/45

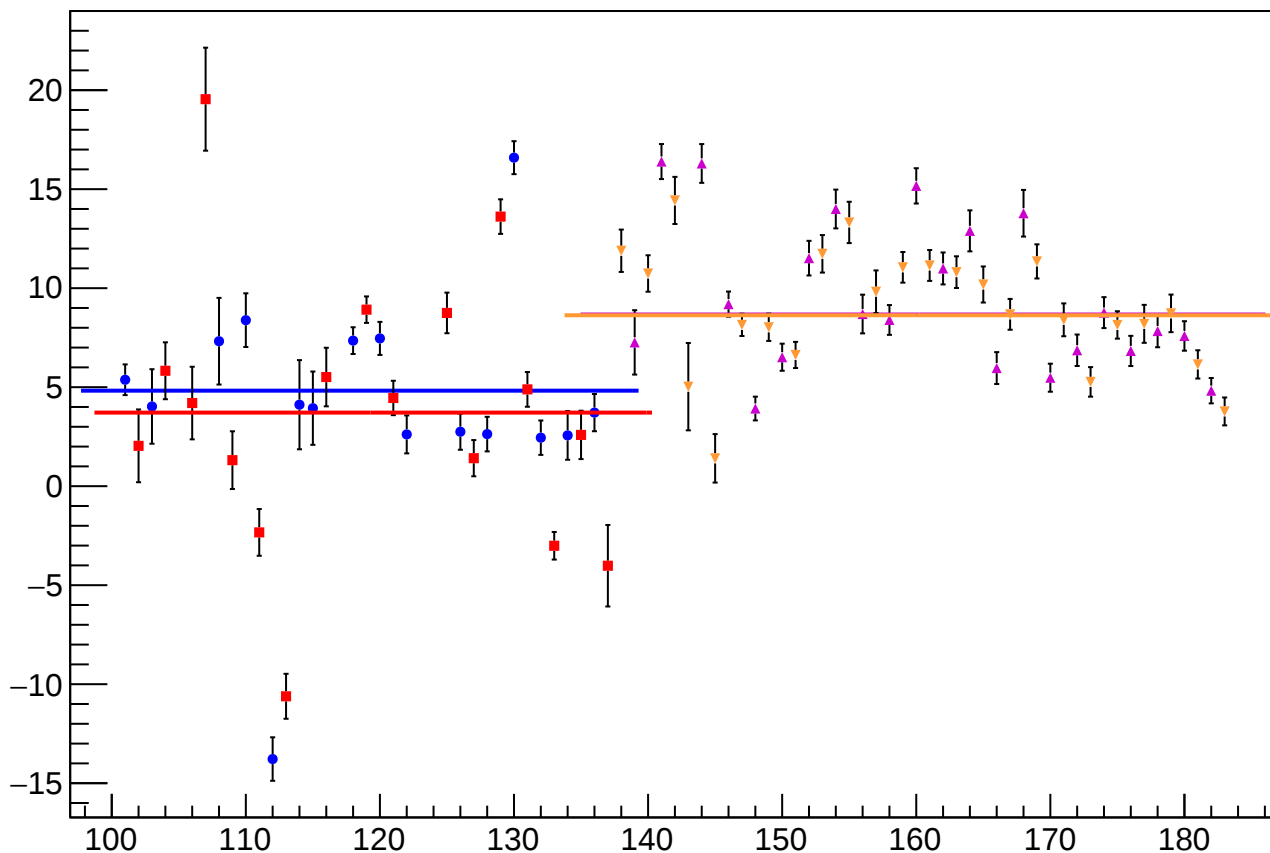
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 10.718 $\pm$ 0.175 χ^2 /NDF:4948.8/37

Out: 11.323 $\pm$ 0.175 χ^2 /NDF:5981.9/40

All: 11.020 $\pm$ 0.124 χ^2 /NDF: 10936.7/78

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.632 $\pm$ 0.170 χ^2 /NDF:239.9/23

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 8.670 $\pm$ 0.172 χ^2 /NDF:430.3/21

Left: 8.651 $\pm$ 0.121 χ^2 /NDF: 670.2/45

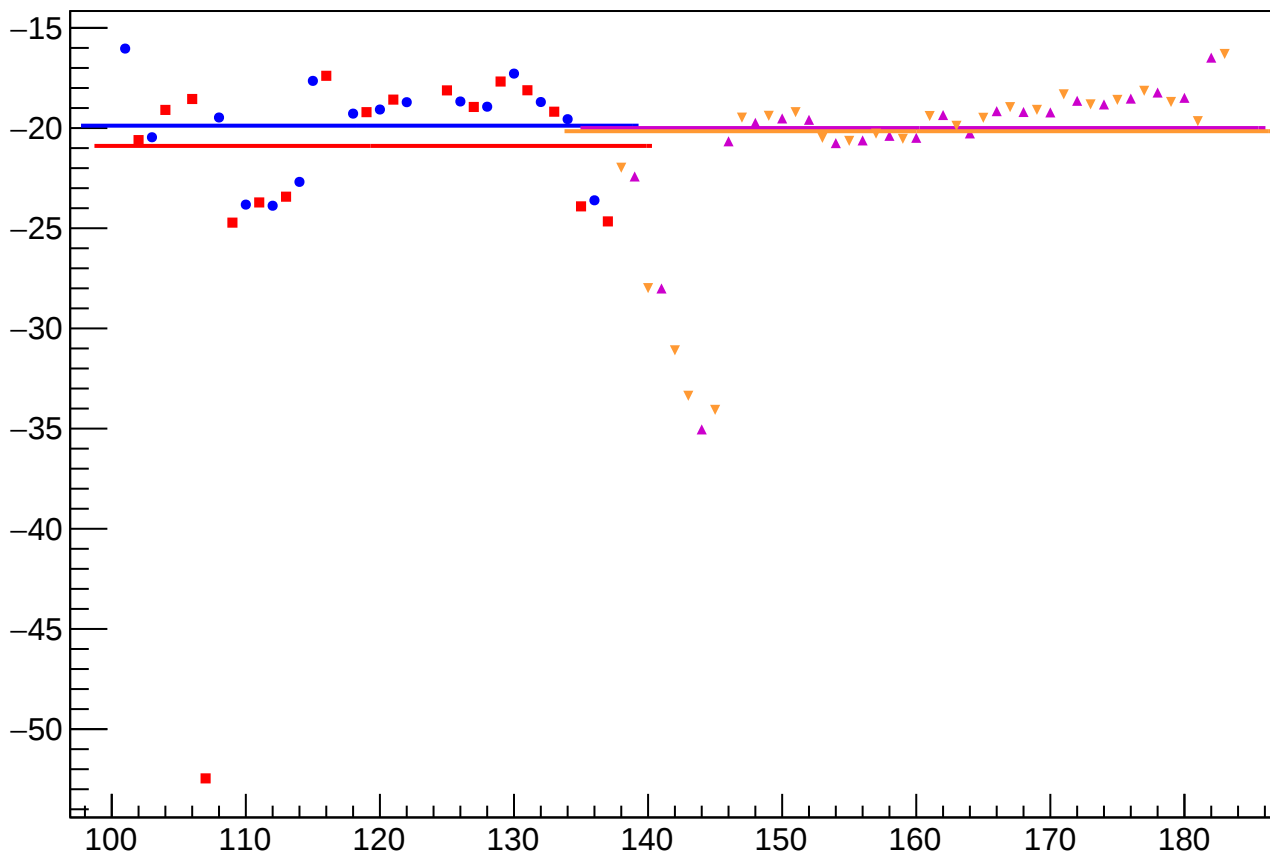
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.447 $\pm$ 0.142 χ^2 /NDF:1139.0/37

Out: 7.152 $\pm$ 0.142 χ^2 /NDF:1052.1/40

All: 7.300 $\pm$ 0.100 χ^2 /NDF: 2193.2/78

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: -20.156 ± 0.008 χ^2/NDF : 179830.3/23

Right Out: -20.891 ± 0.016 χ^2/NDF : 92913.6/16

Left In: -19.999 ± 0.008 χ^2/NDF : 140095.1/21

Left: -20.077 ± 0.006 χ^2/NDF : 320120.9/45

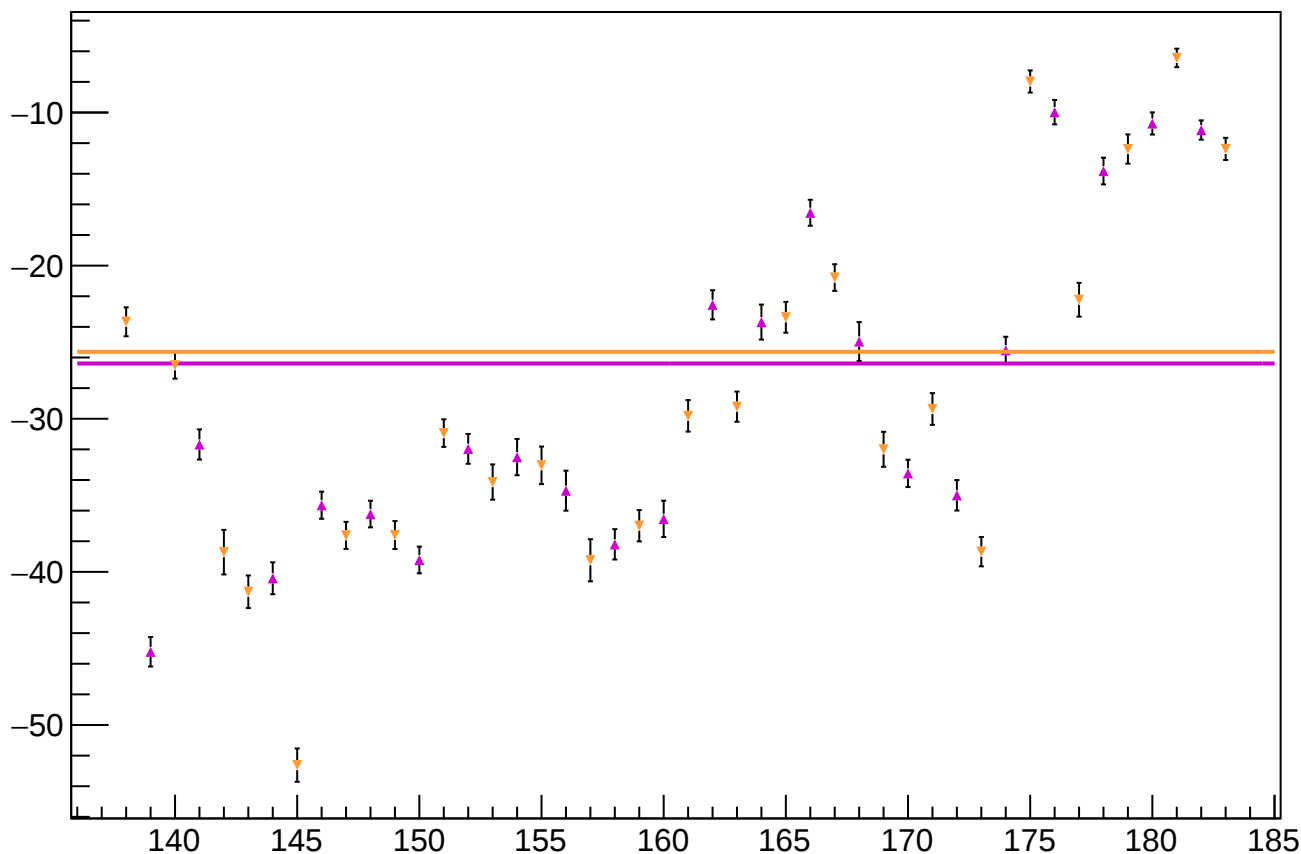
Right: -20.381 ± 0.011 χ^2/NDF : 121077.9/32

In: -19.975 ± 0.007 χ^2/NDF : 166223.5/37

Out: -20.306 ± 0.007 χ^2/NDF : 274477.3/40

All: -20.139 ± 0.005 χ^2/NDF : 441795.5/78

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected

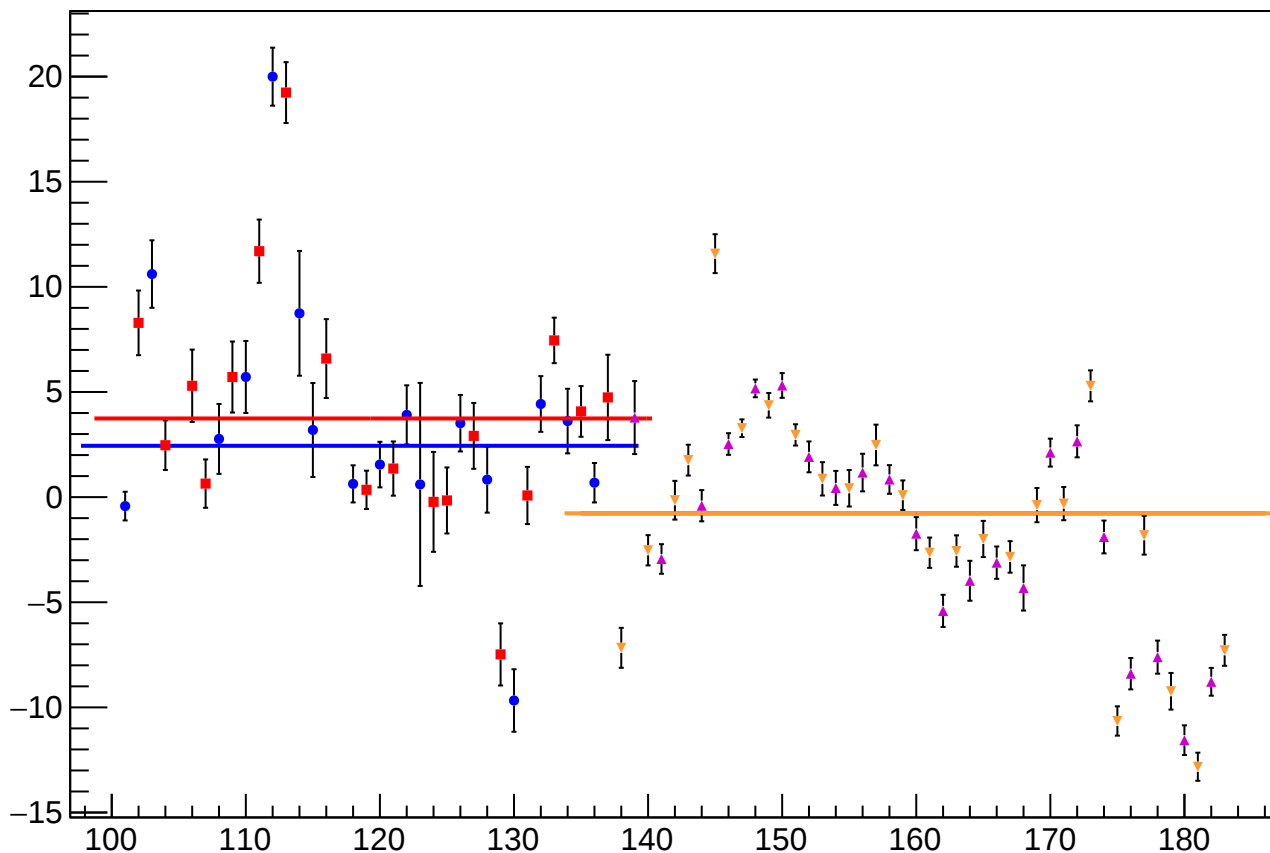


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Left: -26.003+/-0.138 χ^2/NDF : 7408.9/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.390+/-0.197 χ^2/NDF : 3347.1/21
 Out: -25.630+/-0.193 χ^2/NDF : 4054.2/23

All: -26.003+/-0.138 χ^2/NDF : 7408.9/45

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: -0.768 ± 0.147 χ^2/NDF : 1276.3/23

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: -0.775 ± 0.151 χ^2/NDF : 1060.6/21

Left: -0.771 ± 0.106 χ^2/NDF : 2336.9/45

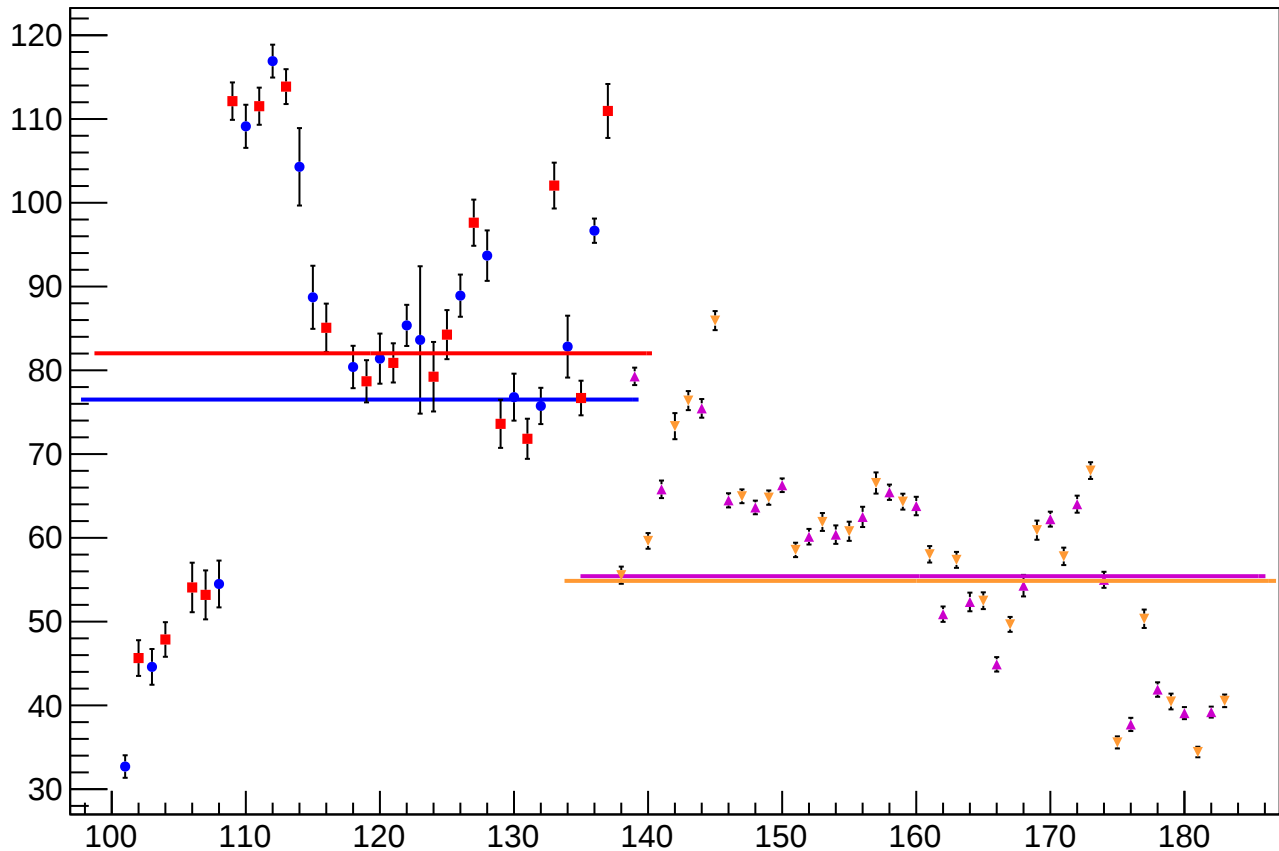
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: -0.159 ± 0.136 χ^2/NDF : 1441.6/38

Out: -0.008 ± 0.134 χ^2/NDF : 1702.8/41

All: -0.082 ± 0.096 χ^2/NDF : 3145.0/80

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: 54.862 $\pm$ 0.193 χ^2 /NDF: 4480.3/23

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 55.423 $\pm$ 0.195 χ^2 /NDF: 3786.4/21

Left: 55.139 $\pm$ 0.137 χ^2 /NDF: 8270.8/45

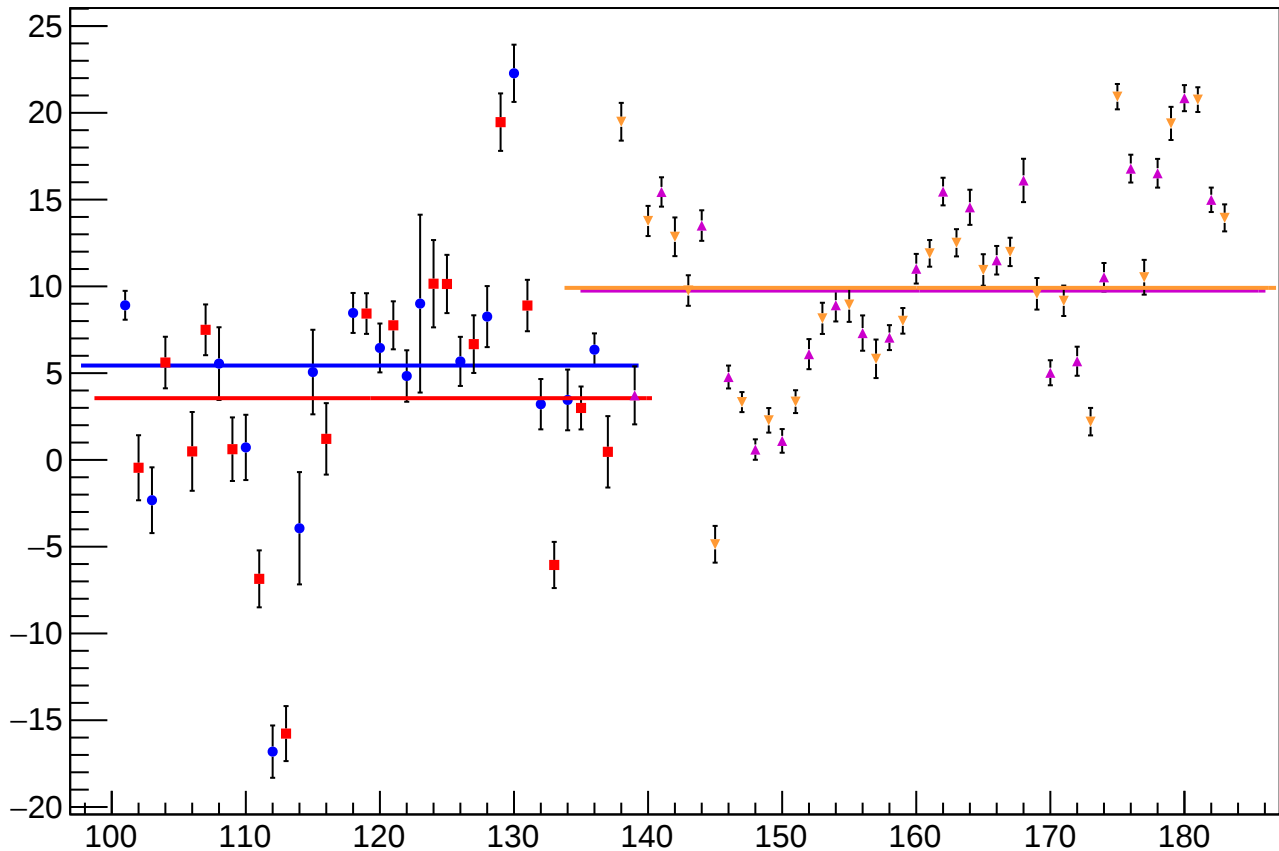
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 57.612 $\pm$ 0.185 χ^2 /NDF: 7246.1/38

Out: 57.464 $\pm$ 0.183 χ^2 /NDF: 7928.6/41

All: 57.537 $\pm$ 0.130 χ^2 /NDF: 15175.0/80

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: 9.914 $\pm$ 0.169 χ^2/NDF :1374.8/23

Right Out: 3.557 $\pm$ 0.375 χ^2/NDF : 420.6/17

Left In: 9.758 $\pm$ 0.173 χ^2/NDF :1165.1/21

Left: 9.838 $\pm$ 0.121 χ^2/NDF : 2540.3/45

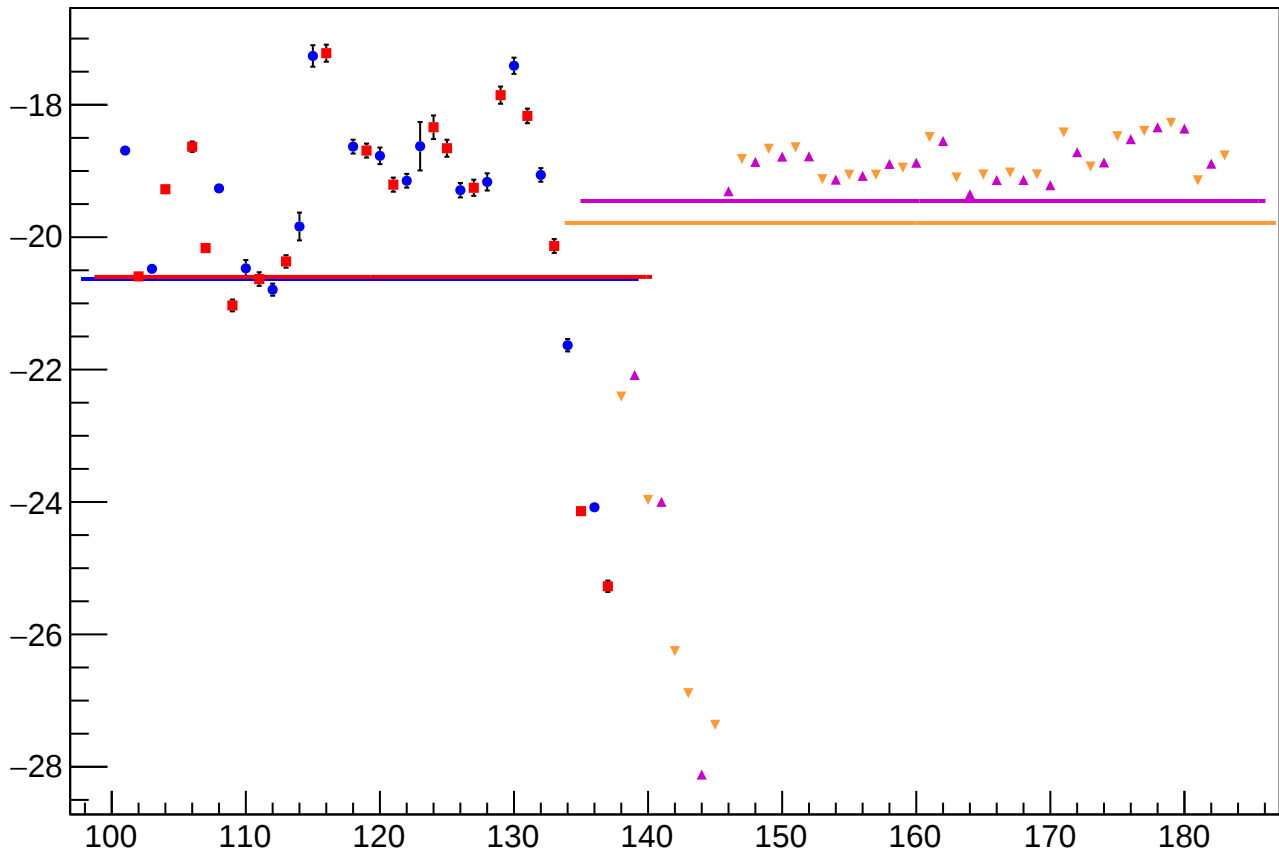
Right: 4.542 $\pm$ 0.259 χ^2/NDF : 819.9/34

In: 8.939 $\pm$ 0.156 χ^2/NDF :1669.4/38

Out: 8.843 $\pm$ 0.154 χ^2/NDF :2034.1/41

All: 8.891 $\pm$ 0.110 χ^2/NDF : 3703.6/80

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 χ^2/NDF : 12501.6/16

Left Out: -19.785 ± 0.008 χ^2/NDF : 91355.4/23

Right Out: -20.600 ± 0.019 χ^2/NDF : 11973.7/17

Left In: -19.453 ± 0.008 χ^2/NDF : 54020.7/21

Left: -19.620 ± 0.006 χ^2/NDF : 146238.7/45

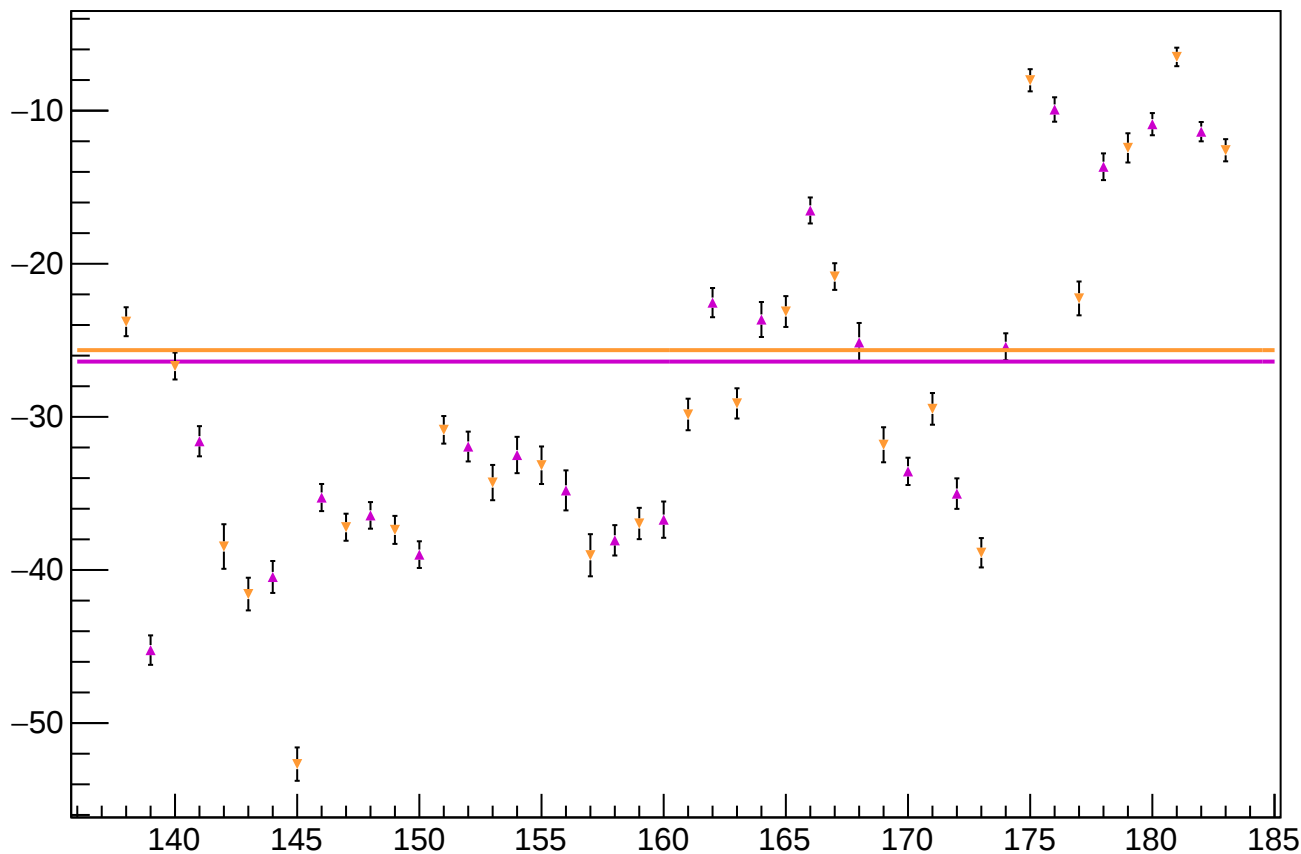
Right: -20.616 ± 0.014 χ^2/NDF : 24476.6/34

In: -19.626 ± 0.007 χ^2/NDF : 69703.6/38

Out: -19.902 ± 0.007 χ^2/NDF : 104833.0/41

All: -19.765 ± 0.005 χ^2/NDF : 175231.9/80

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: -25.642 ± 0.193 χ^2/NDF : 4022.3/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -26.389 ± 0.197 χ^2/NDF : 3313.2/21

Left: -26.009 ± 0.138 χ^2/NDF : 7342.9/45

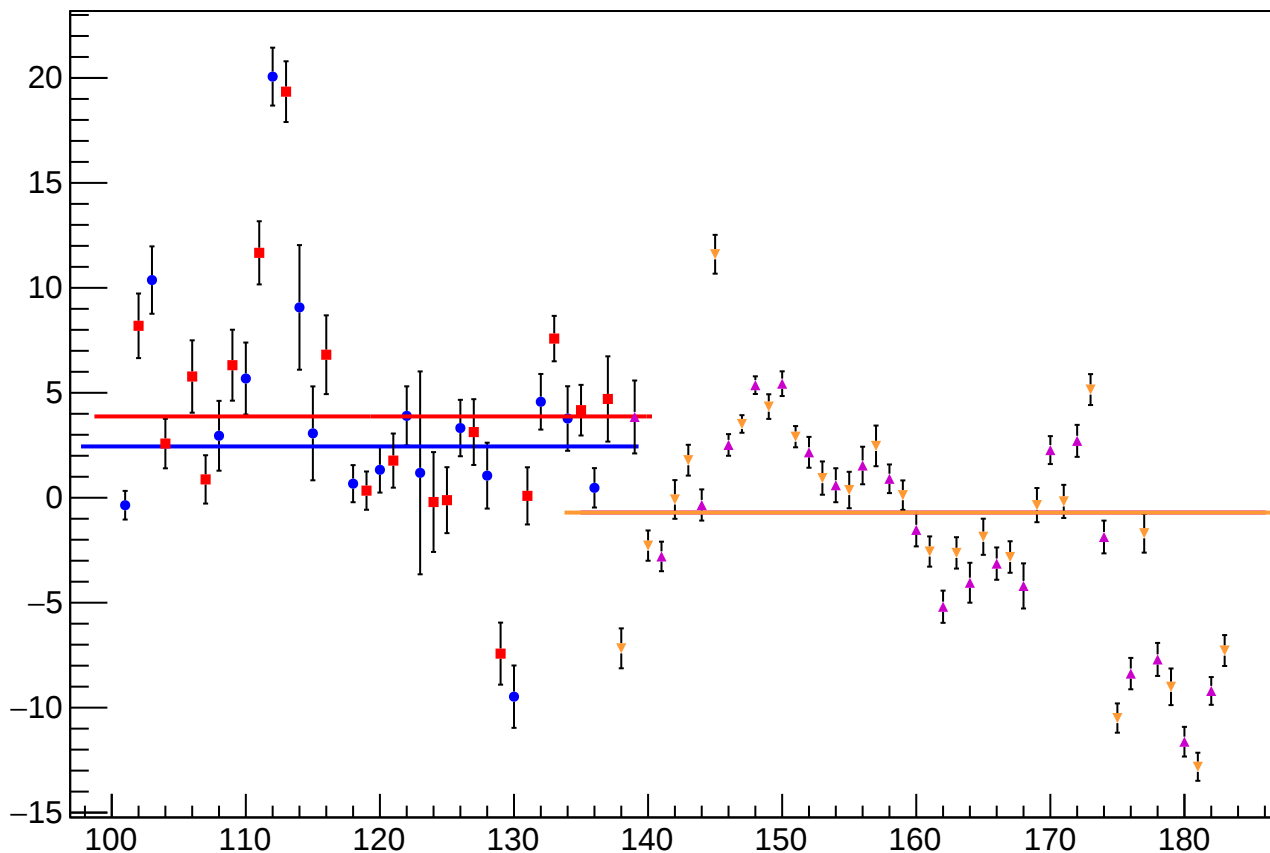
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -26.389 ± 0.197 χ^2/NDF : 3313.2/21

Out: -25.642 ± 0.193 χ^2/NDF : 4022.3/23

All: -26.009 ± 0.138 χ^2/NDF : 7342.9/45

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: -0.706 ± 0.147 χ^2/NDF : 1268.4/23

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: -0.703 ± 0.152 χ^2/NDF : 1099.4/21

Left: -0.705 ± 0.106 χ^2/NDF : 2367.9/45

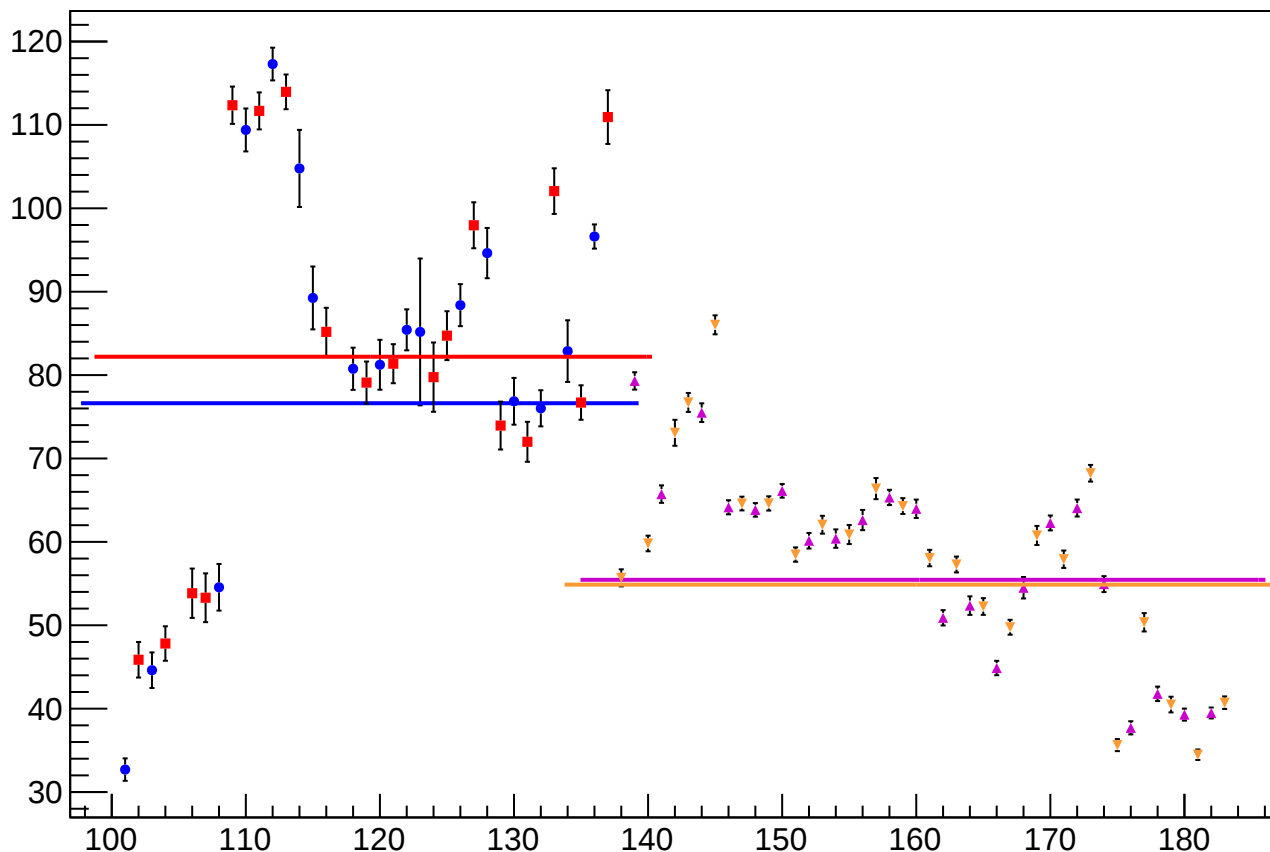
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: -0.100 ± 0.136 χ^2/NDF : 1474.6/38

Out: 0.066 ± 0.134 χ^2/NDF : 1700.0/41

All: -0.016 ± 0.096 χ^2/NDF : 3175.3/80

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: 54.873 $\pm$ 0.193 χ^2 /NDF: 4460.0/23

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 55.451 $\pm$ 0.196 χ^2 /NDF: 3746.8/21

Left: 55.158 $\pm$ 0.137 χ^2 /NDF: 8211.2/45

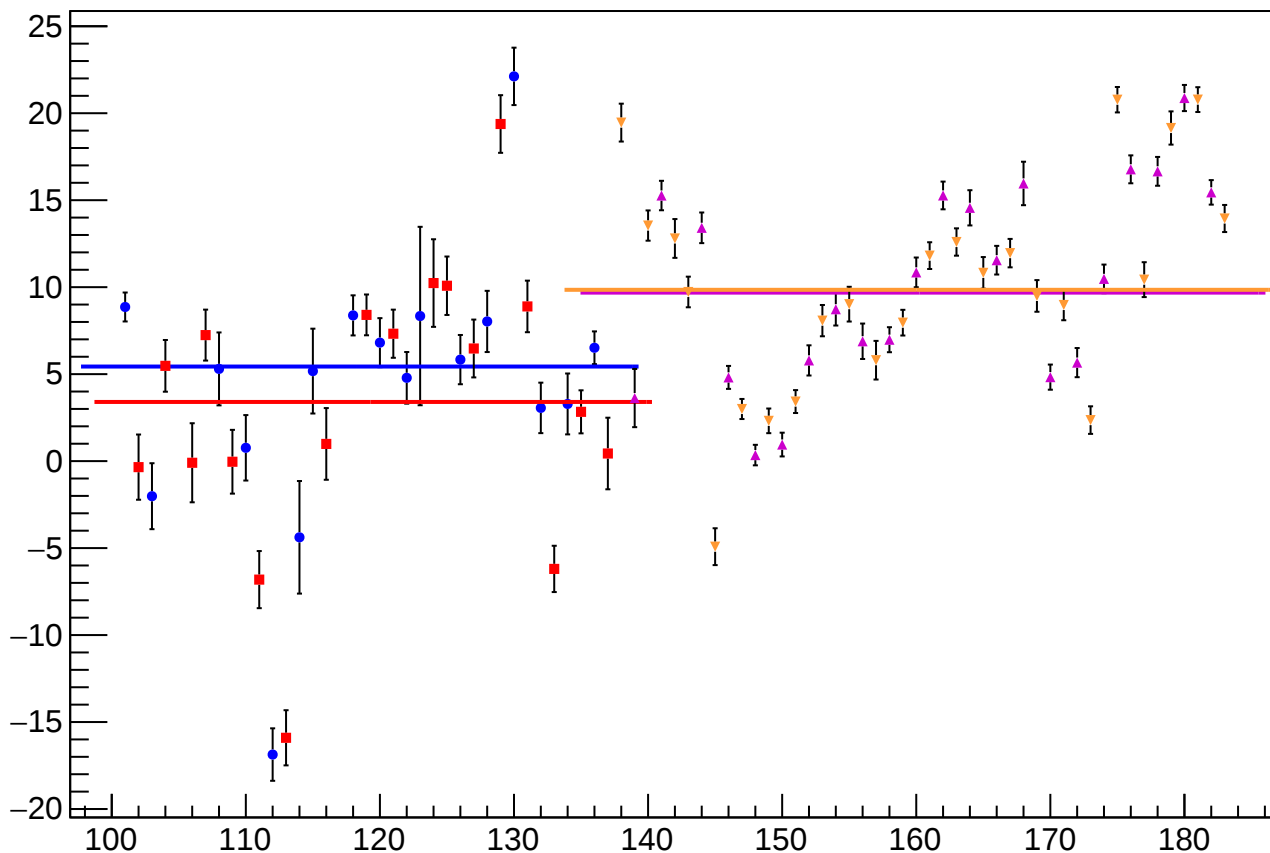
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 57.650 $\pm$ 0.185 χ^2 /NDF: 7227.2/38

Out: 57.490 $\pm$ 0.183 χ^2 /NDF: 7930.9/41

All: 57.569 $\pm$ 0.130 χ^2 /NDF: 15158.5/80

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 9.848 ± 0.169 χ^2/NDF : 1369.3/23

Right Out: 3.401 ± 0.375 χ^2/NDF : 420.9/17

Left In: 9.687 ± 0.173 χ^2/NDF : 1197.3/21

Left: 9.769 ± 0.121 χ^2/NDF : 2567.1/45

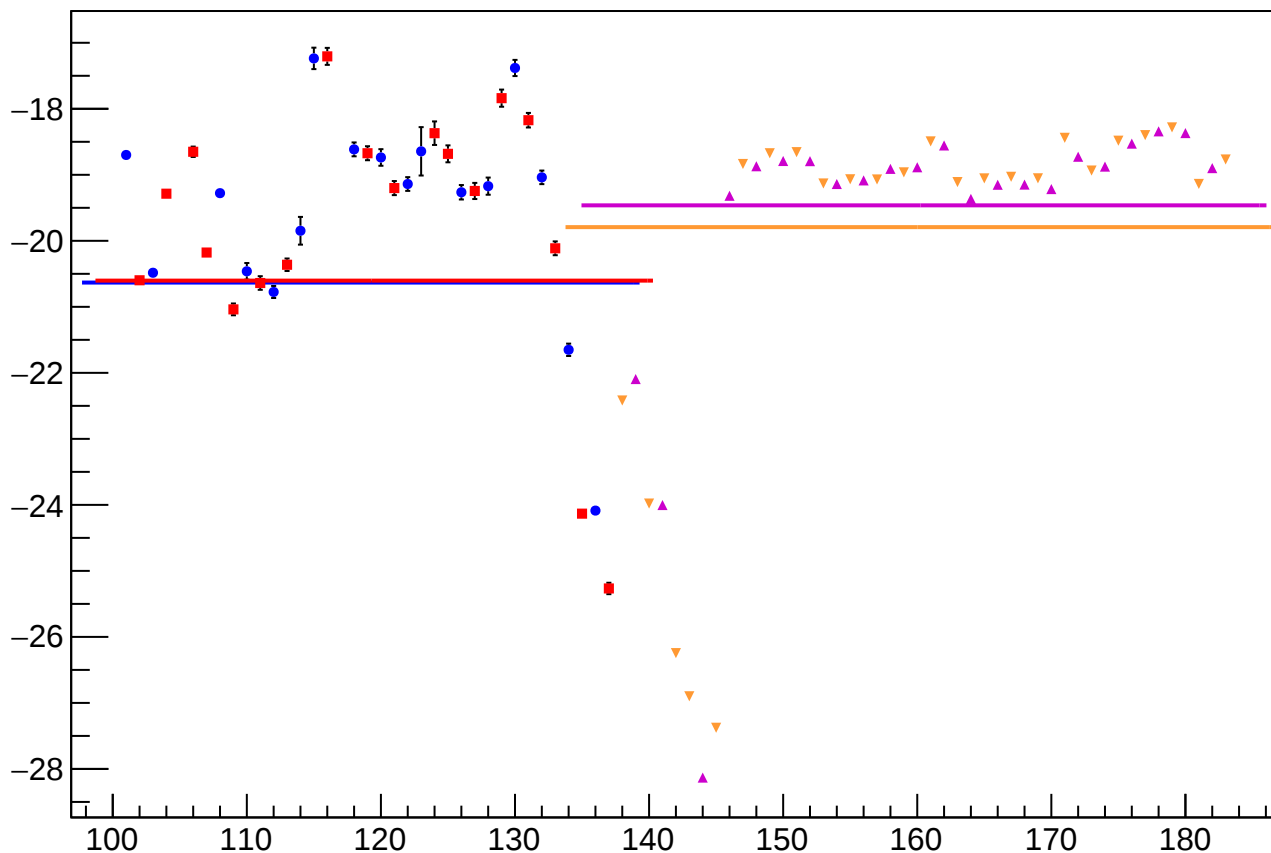
Right: 4.467 ± 0.259 χ^2/NDF : 820.8/34

In: 8.881 ± 0.156 χ^2/NDF : 1696.0/38

Out: 8.762 ± 0.154 χ^2/NDF : 2035.4/41

All: 8.821 ± 0.110 χ^2/NDF : 3731.7/80

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: -19.793 ± 0.008 $\chi^2/\text{NDF}: 91250.6/23$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.463 ± 0.008 $\chi^2/\text{NDF}: 53975.8/21$

Left: -19.629 ± 0.006 $\chi^2/\text{NDF}: 146079.1/45$

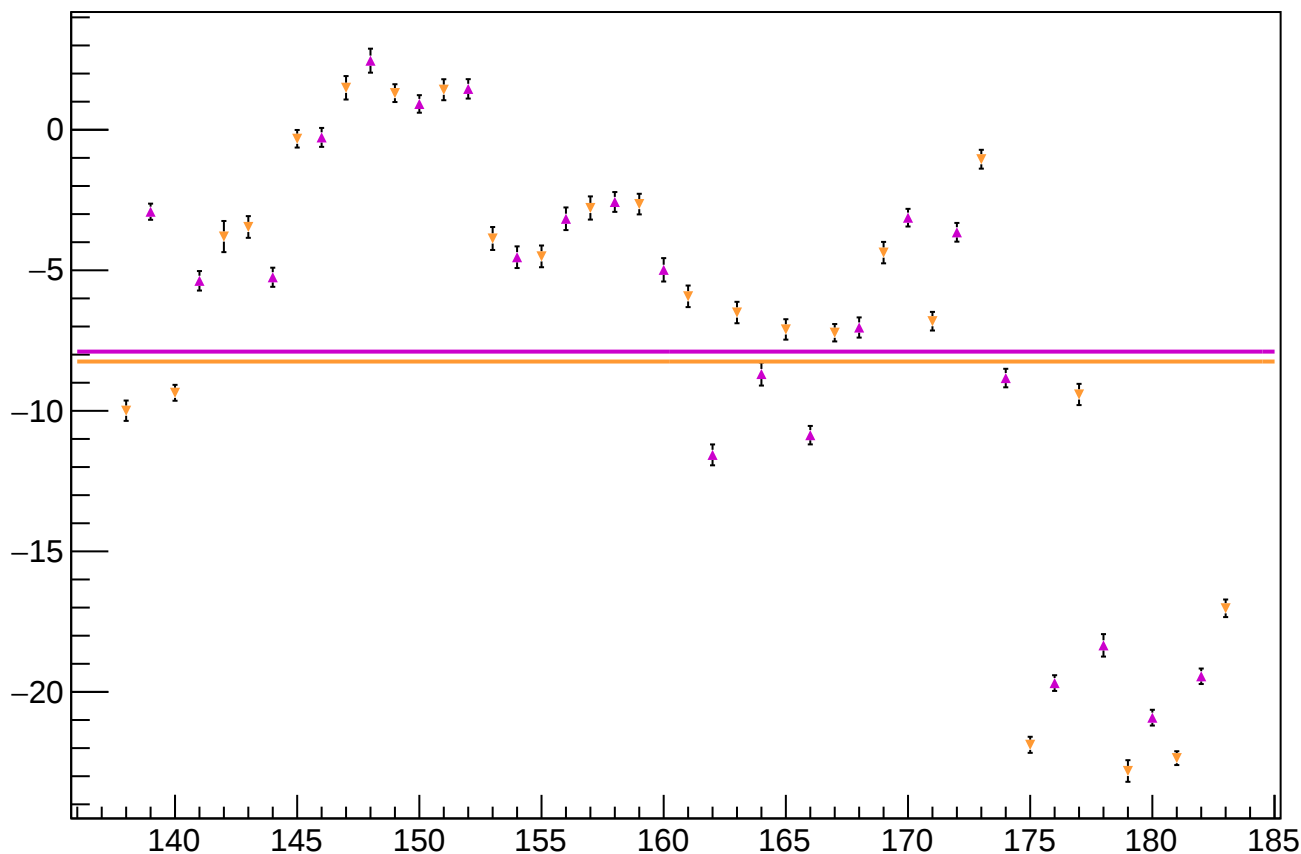
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.635 ± 0.007 $\chi^2/\text{NDF}: 69650.2/38$

Out: -19.909 ± 0.007 $\chi^2/\text{NDF}: 104660.3/41$

All: -19.772 ± 0.005 $\chi^2/\text{NDF}: 174998.9/80$

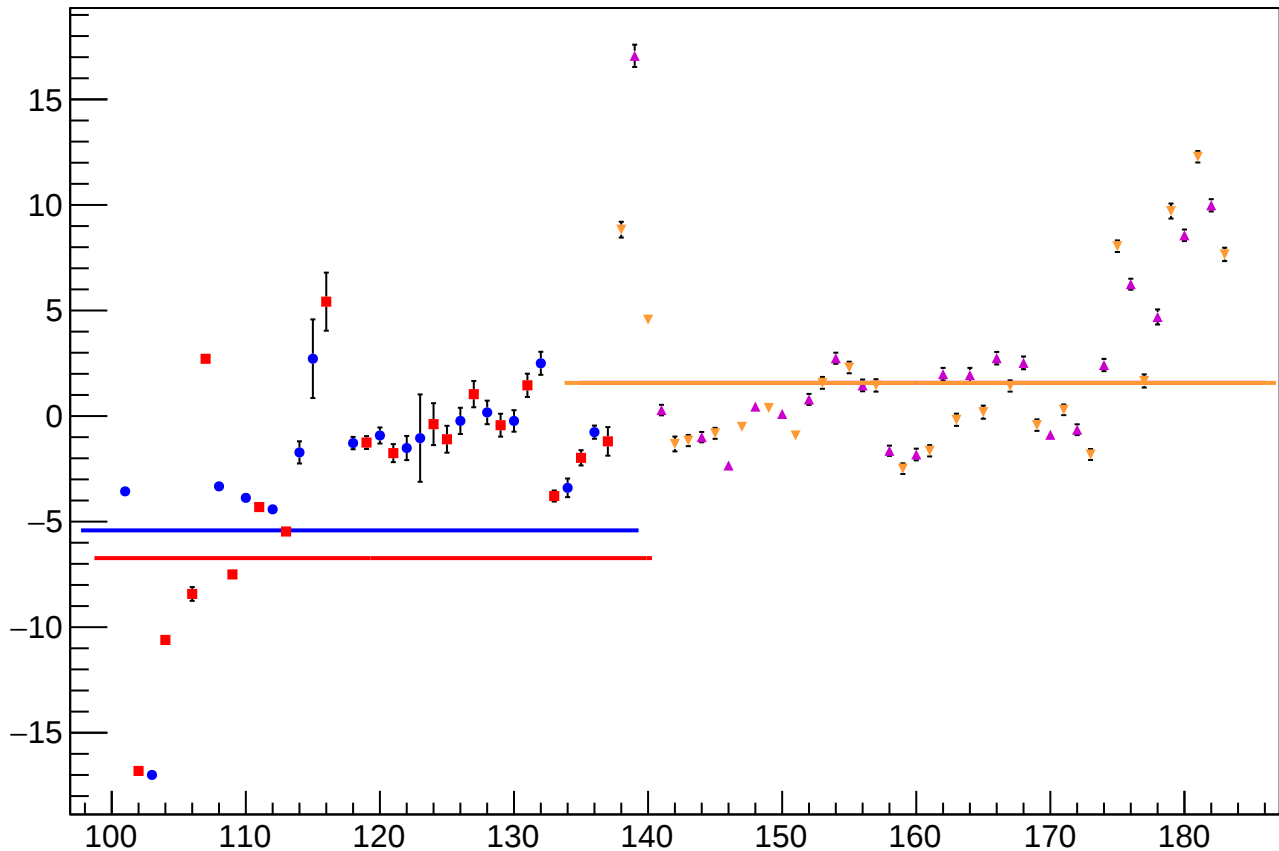
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21

Left: -8.072 $\pm$ 0.051 χ^2 /NDF: 22615.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.893 $\pm$ 0.072 χ^2 /NDF:10499.4/21
 Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 All: -8.072 $\pm$ 0.051 χ^2 /NDF: 22615.9/45

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: 1.571 ± 0.055 χ^2/NDF : 4784.5/23

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 1.574 ± 0.057 χ^2/NDF : 3868.0/21

Left: 1.573 ± 0.039 χ^2/NDF : 8652.5/45

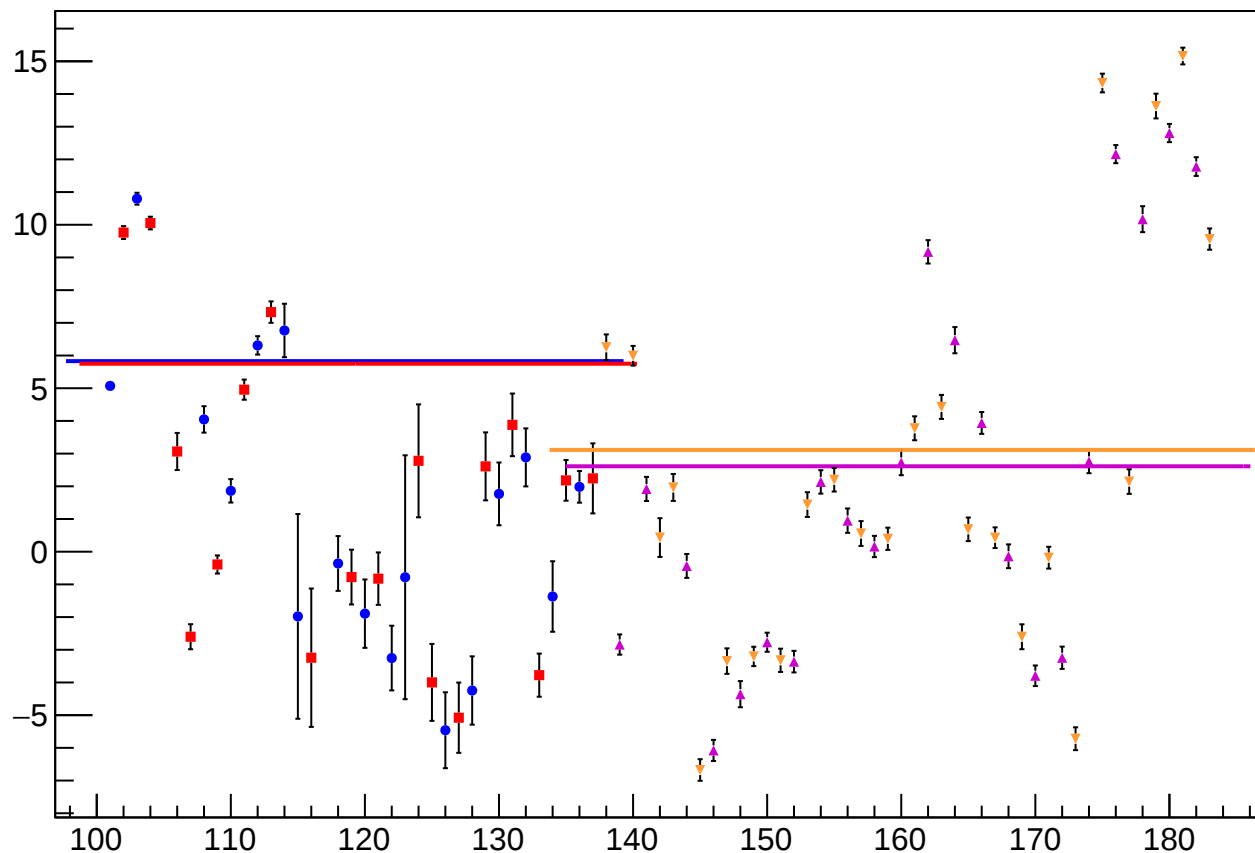
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.047 ± 0.039 χ^2/NDF : 20975.3/38

Out: -2.212 ± 0.040 χ^2/NDF : 26478.7/41

All: -2.127 ± 0.028 χ^2/NDF : 47462.6/80

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 3.114 ± 0.071 $\chi^2/\text{NDF}: 8284.8/23$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 2.612 ± 0.072 $\chi^2/\text{NDF}: 7281.0/21$

Left: 2.866 ± 0.050 $\chi^2/\text{NDF}: 15590.6/45$

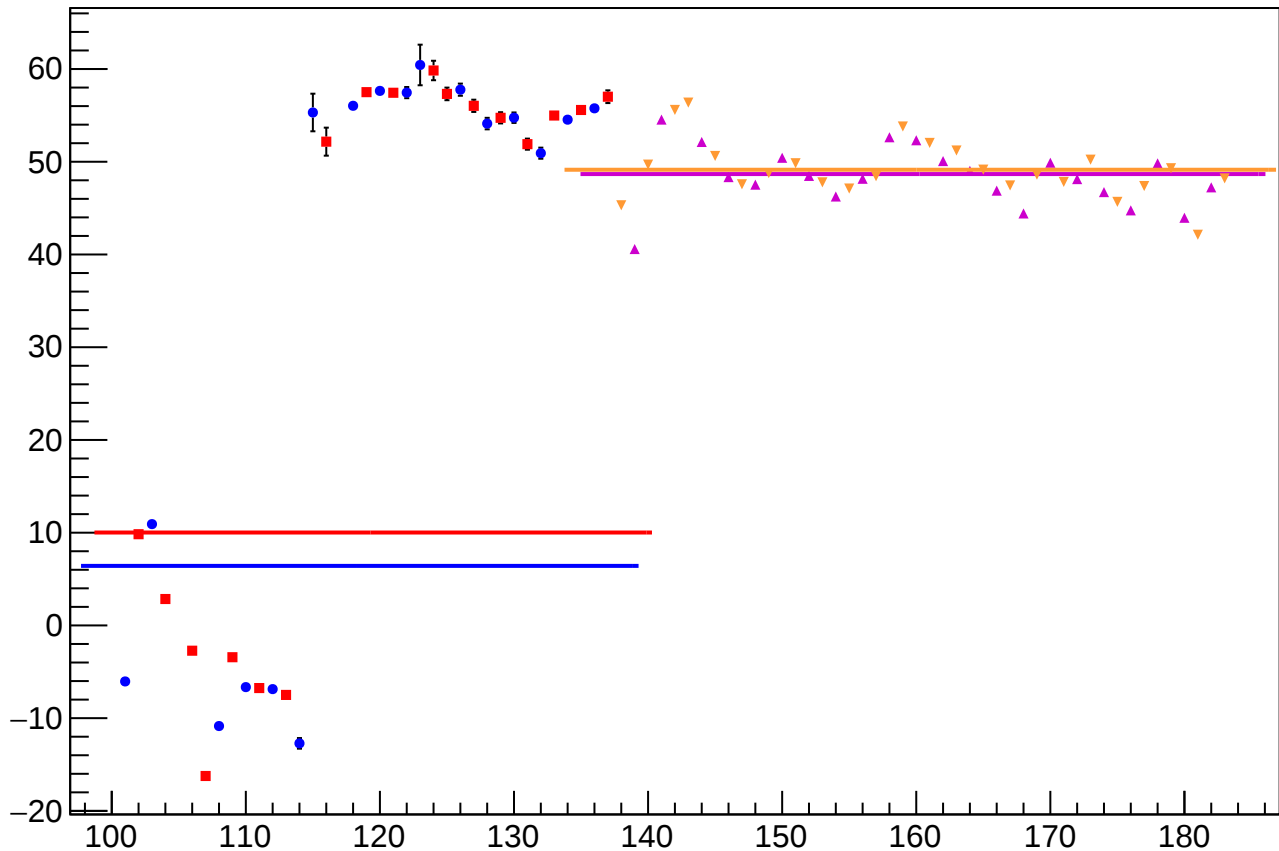
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.867 ± 0.056 $\chi^2/\text{NDF}: 9514.9/38$

Out: 4.041 ± 0.057 $\chi^2/\text{NDF}: 11282.6/41$

All: 3.952 ± 0.040 $\chi^2/\text{NDF}: 20802.1/80$

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: 49.138 ± 0.062 χ^2/NDF : 2252.3/23

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 48.672 ± 0.064 χ^2/NDF : 2056.1/21

Left: 48.912 ± 0.045 χ^2/NDF : 4335.7/45

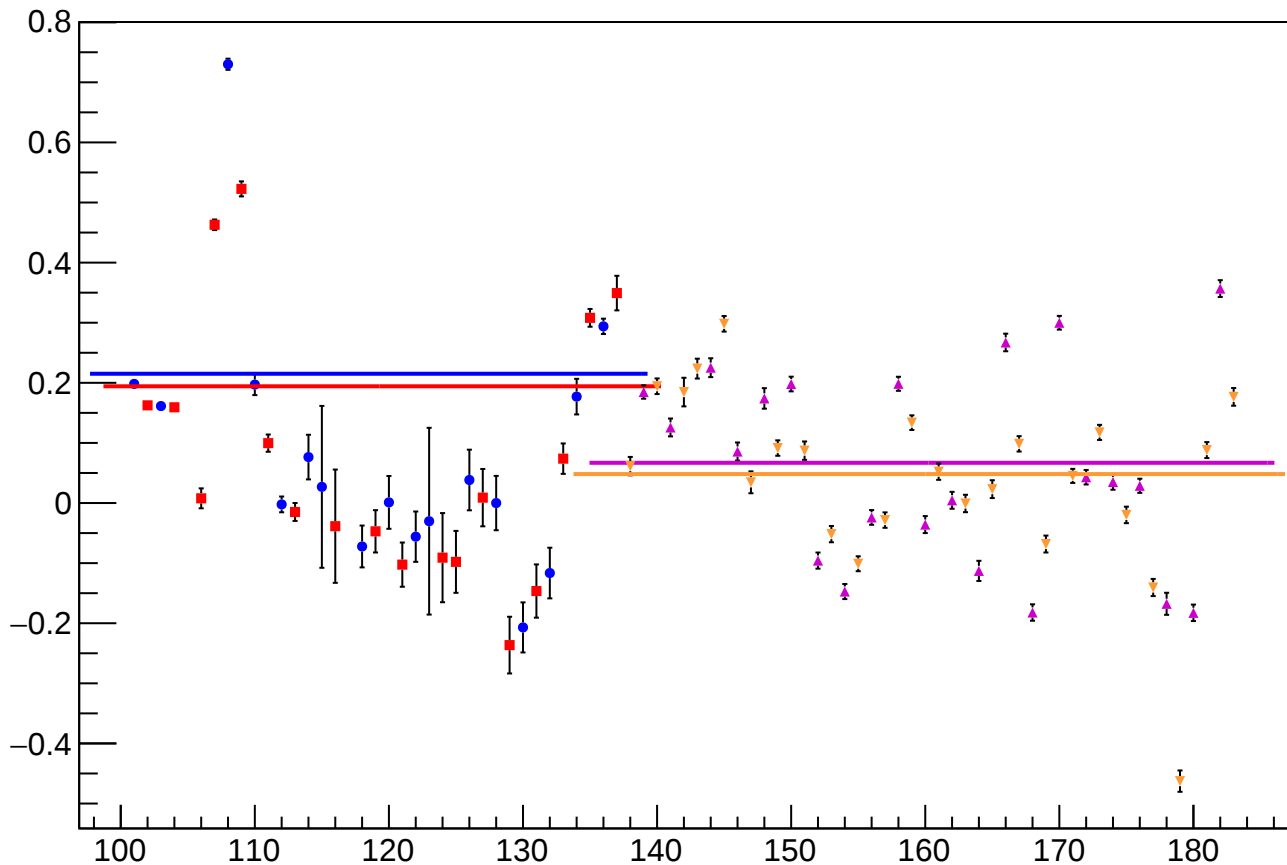
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 27.783 ± 0.046 χ^2/NDF : 340564.9/38

Out: 32.071 ± 0.047 χ^2/NDF : 296805.1/41

All: 29.871 ± 0.033 χ^2/NDF : 641691.0/80

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: 0.048 $\pm$ 0.003 χ^2 /NDF:2187.0/23

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.067 $\pm$ 0.003 χ^2 /NDF:3070.8/21

Left: 0.058 $\pm$ 0.002 χ^2 /NDF: 5279.4/45

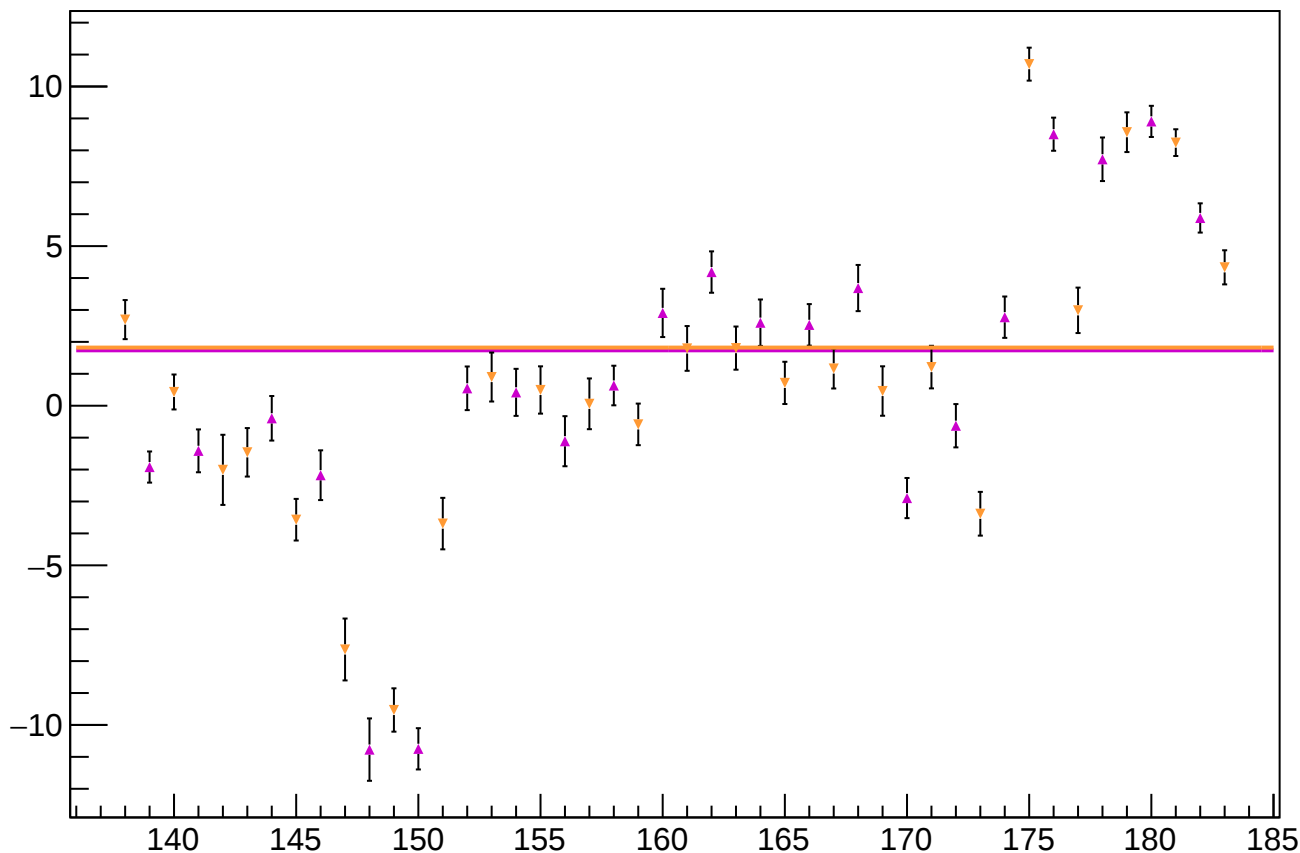
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.144 $\pm$ 0.002 χ^2 /NDF:8380.3/38

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6065.6/41

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 14494.9/80

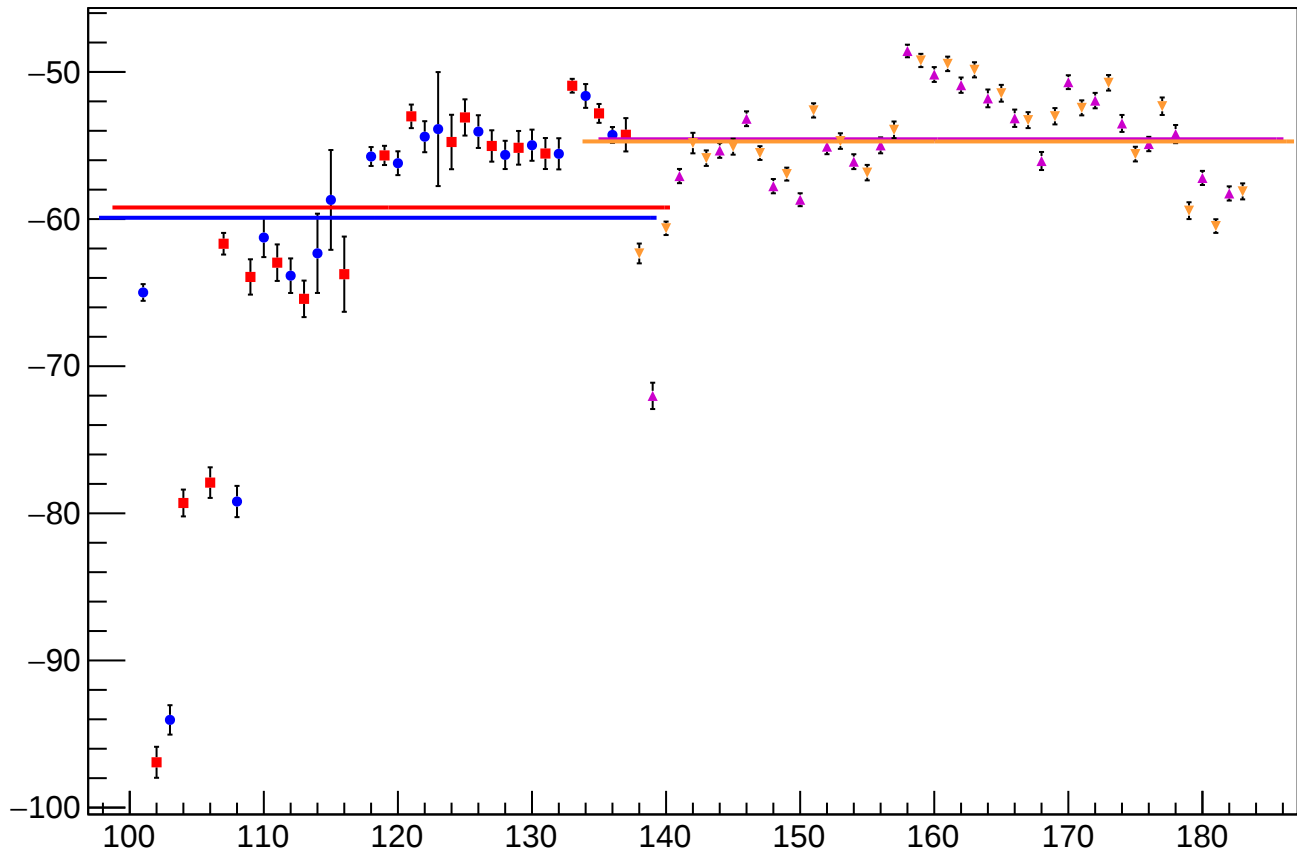
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.821+/-0.134 χ^2/NDF :1291.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.736+/-0.136 χ^2/NDF :1312.7/21

Left: 1.779+/-0.095 χ^2/NDF : 2604.0/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.736+/-0.136 χ^2/NDF :1312.7/21
 Out: 1.821+/-0.134 χ^2/NDF :1291.1/23
 All: 1.779+/-0.095 χ^2/NDF : 2604.0/45

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: -54.723 ± 0.106 χ^2/NDF : 1124.4/23

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.576 ± 0.111 χ^2/NDF : 1097.2/21

Left: -54.652 ± 0.077 χ^2/NDF : 2222.5/45

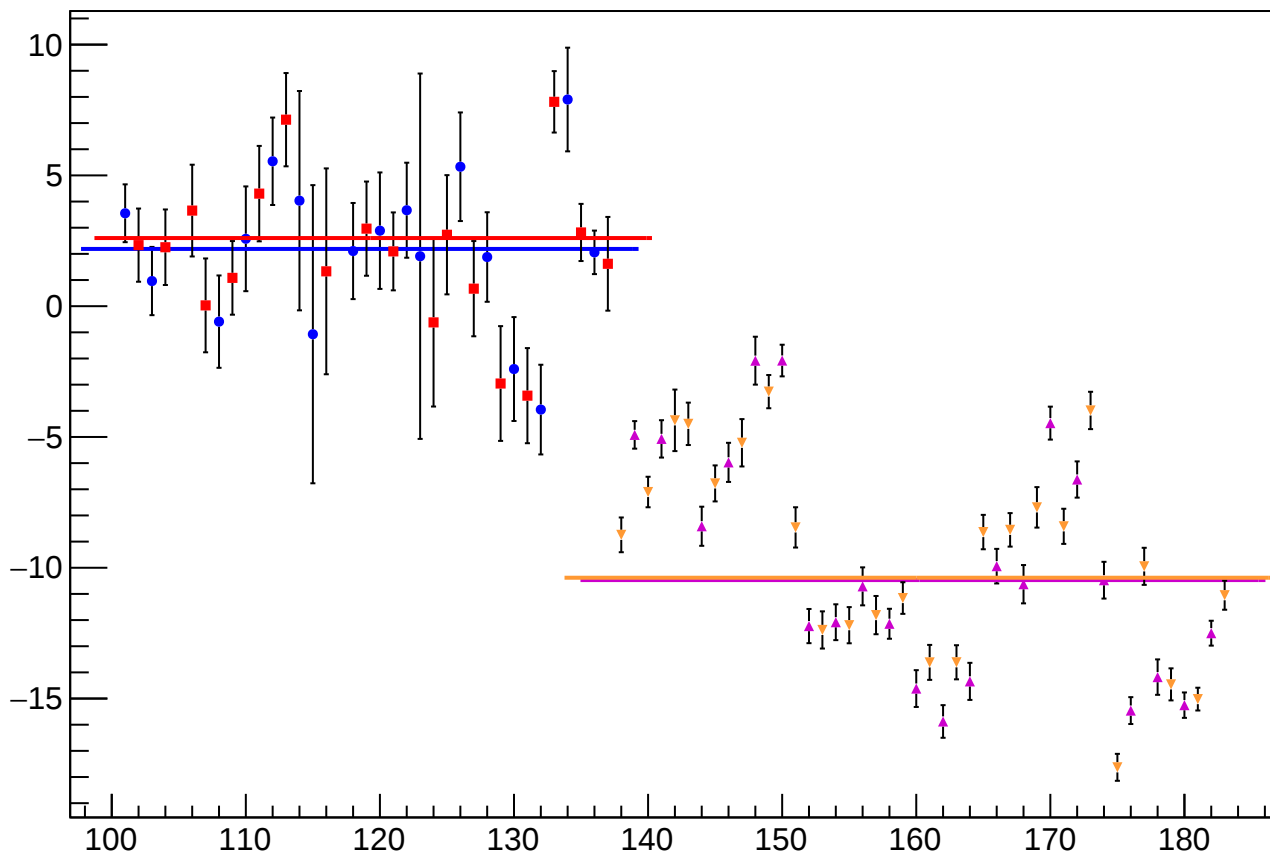
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.627 ± 0.099 χ^2/NDF : 3536.7/38

Out: -55.625 ± 0.095 χ^2/NDF : 4224.3/41

All: -55.626 ± 0.069 χ^2/NDF : 7761.1/80

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: -10.381 ± 0.134 $\chi^2/\text{NDF}: 850.2/23$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -10.471 ± 0.135 $\chi^2/\text{NDF}: 1011.1/21$

Left: -10.425 ± 0.095 $\chi^2/\text{NDF}: 1861.6/45$

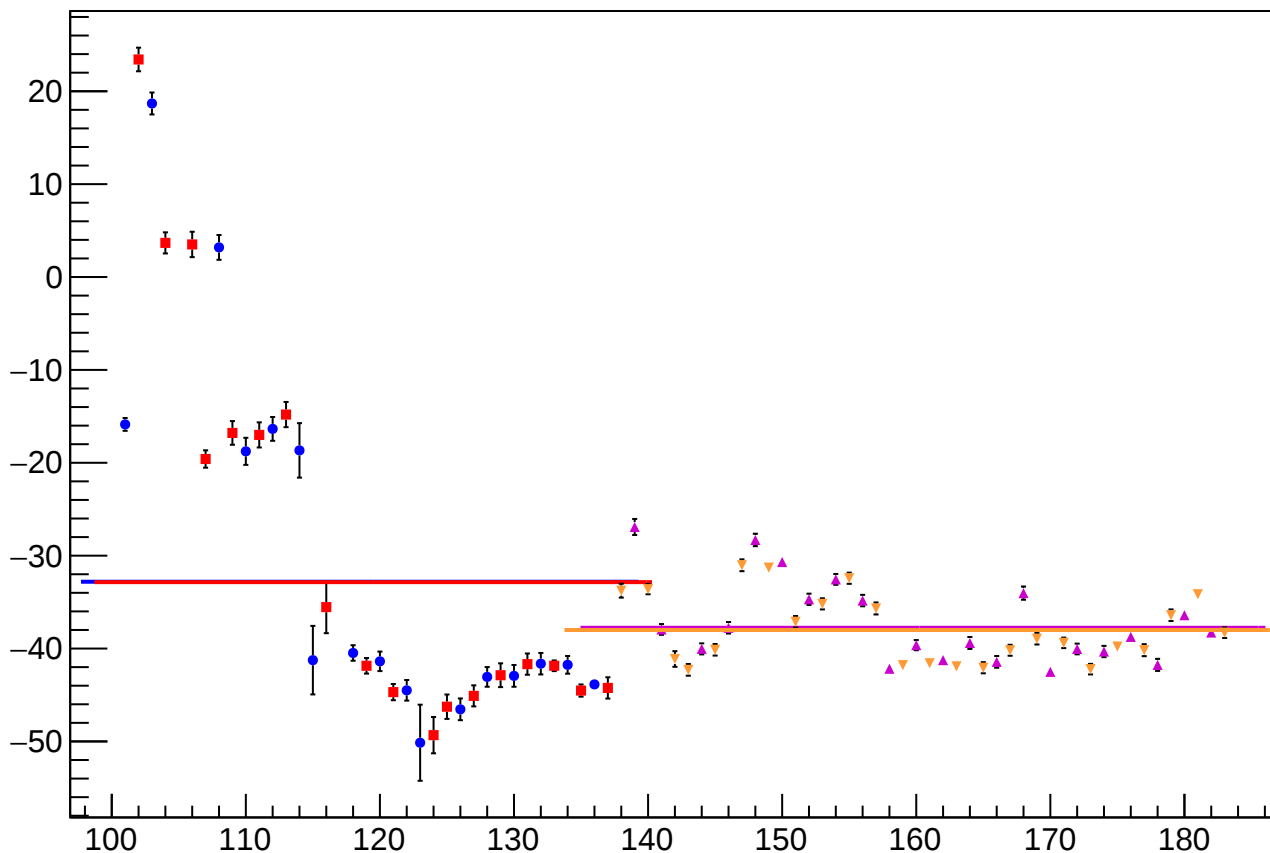
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -9.194 ± 0.128 $\chi^2/\text{NDF}: 1930.7/38$

Out: -9.017 ± 0.127 $\chi^2/\text{NDF}: 1888.8/41$

All: -9.104 ± 0.090 $\chi^2/\text{NDF}: 3820.5/80$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -38.005 ± 0.120 χ^2/NDF : 945.8/23

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.764 ± 0.123 χ^2/NDF : 1078.5/21

Left: -37.888 ± 0.086 χ^2/NDF : 2026.3/45

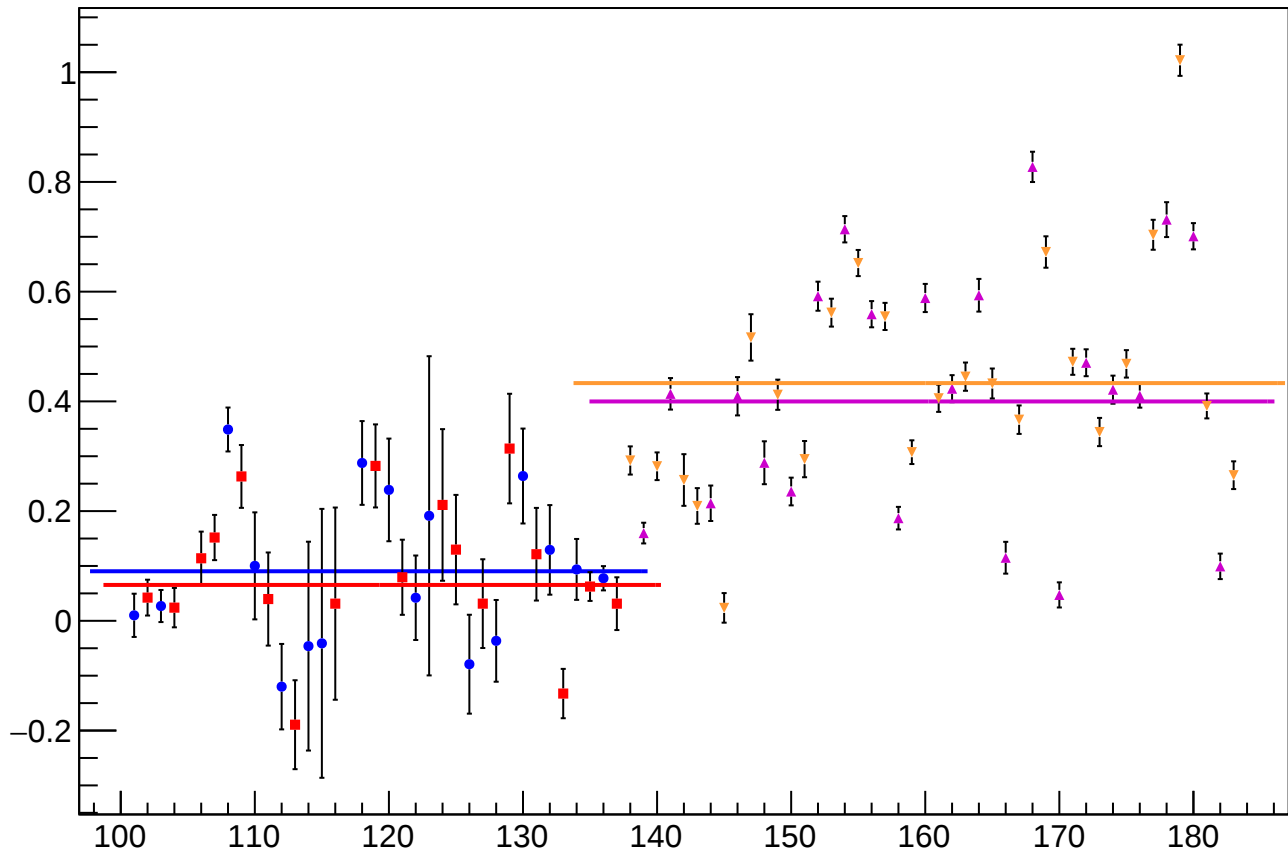
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.822 ± 0.111 χ^2/NDF : 6049.3/38

Out: -37.007 ± 0.107 χ^2/NDF : 7054.9/41

All: -36.918 ± 0.077 χ^2/NDF : 13105.7/80

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: 0.433 ± 0.005 $\chi^2/\text{NDF}: 1216.9/23$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.400 ± 0.005 $\chi^2/\text{NDF}: 1734.2/21$

Left: 0.417 ± 0.004 $\chi^2/\text{NDF}: 2970.1/45$

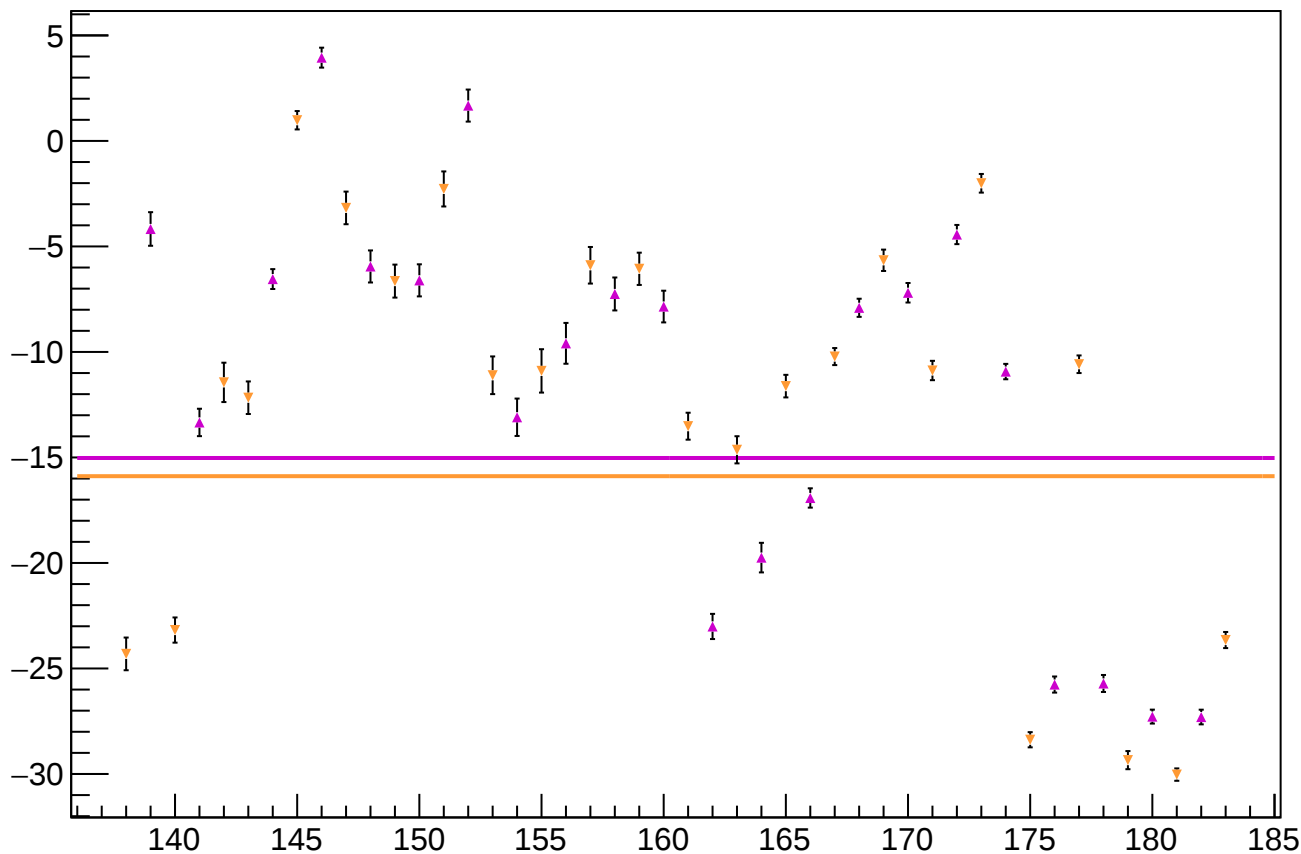
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.352 ± 0.005 $\chi^2/\text{NDF}: 2313.9/38$

Out: 0.373 ± 0.005 $\chi^2/\text{NDF}: 2037.2/41$

All: 0.363 ± 0.004 $\chi^2/\text{NDF}: 4359.6/80$

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: -15.888+/-0.107 χ^2/NDF :9710.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.026+/-0.108 χ^2/NDF :8690.4/21

Left: -15.461+/-0.076 χ^2/NDF : 18432.8/45

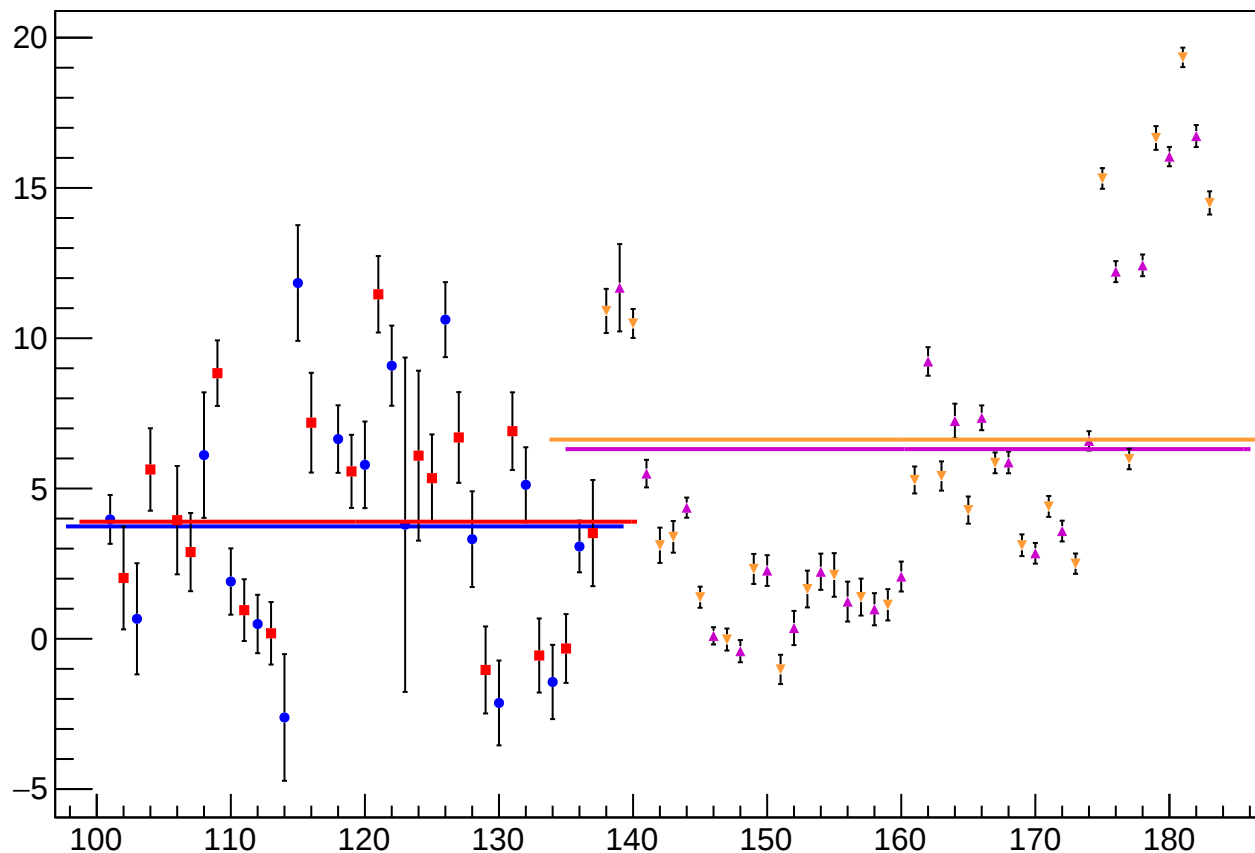
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.026+/-0.108 χ^2/NDF :8690.4/21

Out: -15.888+/-0.107 χ^2/NDF :9710.0/23

All: -15.461+/-0.076 χ^2/NDF : 18432.8/45

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: 6.628 $\pm$ 0.086 χ^2 /NDF: 4913.4/23

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 6.310 $\pm$ 0.087 χ^2 /NDF: 3806.8/21

Left: 6.469 $\pm$ 0.061 χ^2 /NDF: 8727.0/45

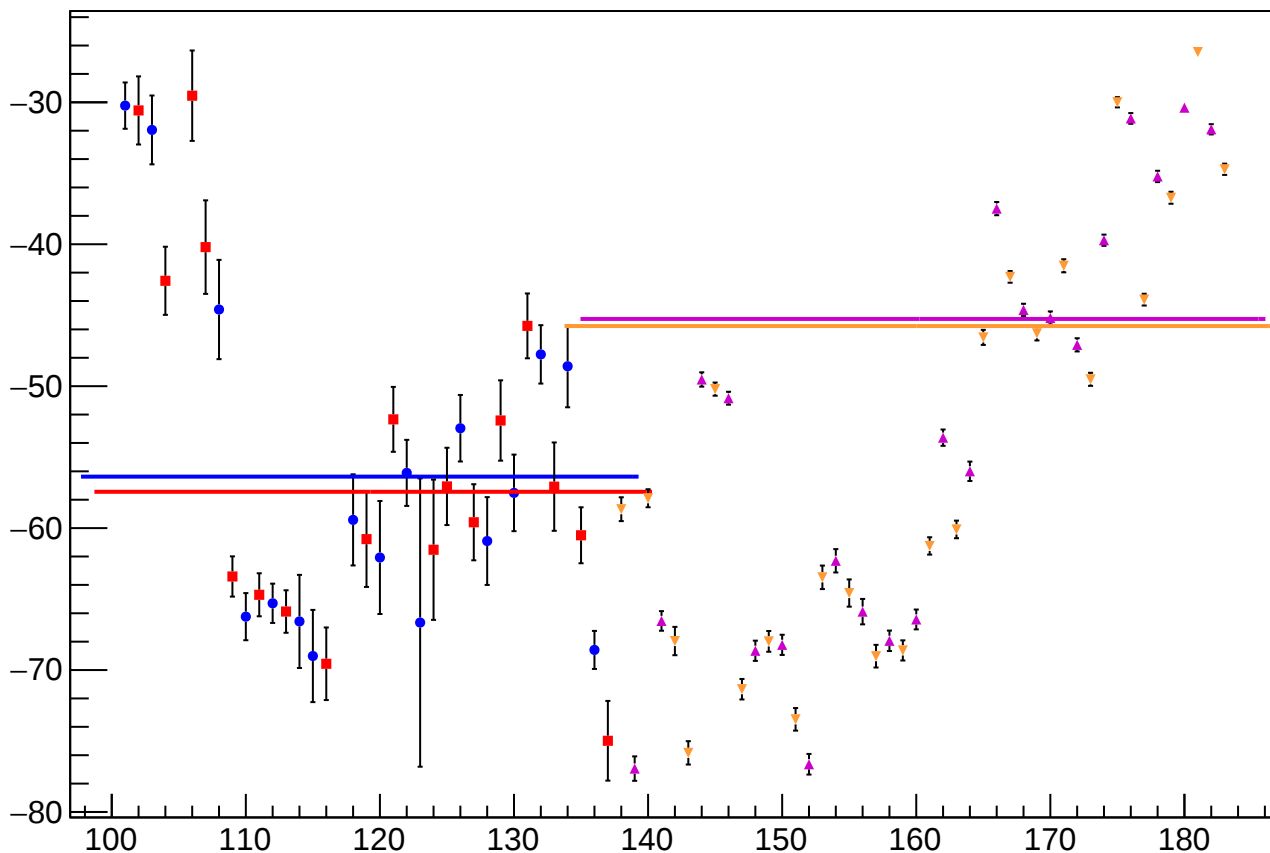
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 6.123 $\pm$ 0.083 χ^2 /NDF: 4007.9/38

Out: 6.438 $\pm$ 0.083 χ^2 /NDF: 5117.7/41

All: 6.281 $\pm$ 0.059 χ^2 /NDF: 9132.7/80

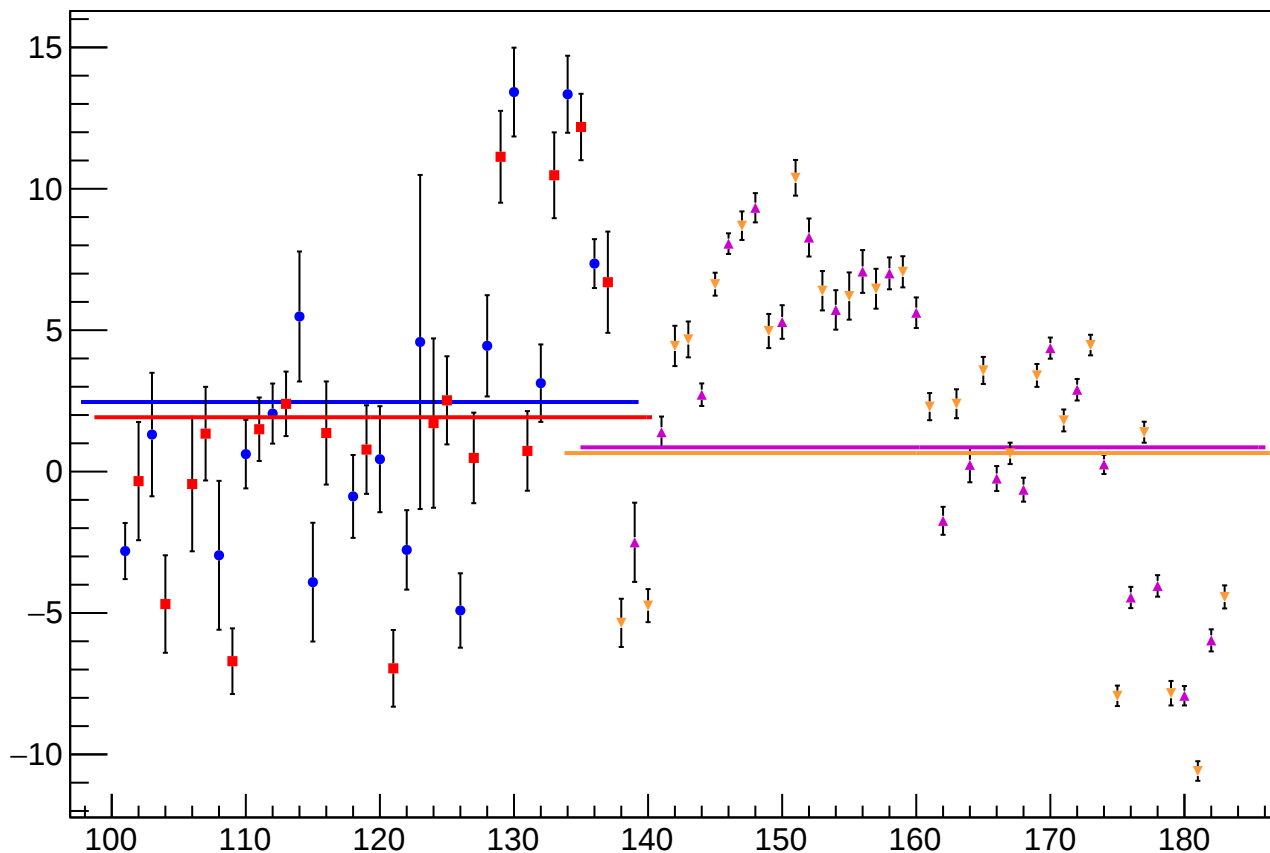
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$
 Left Out: -45.764 ± 0.107 $\chi^2/\text{NDF}: 17199.0/23$
 Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$
 Left In: -45.263 ± 0.108 $\chi^2/\text{NDF}: 15775.6/21$

Left: -45.515 ± 0.076 $\chi^2/\text{NDF}: 32985.5/45$
 Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$
 In: -45.687 ± 0.106 $\chi^2/\text{NDF}: 16765.9/38$
 Out: -46.214 ± 0.105 $\chi^2/\text{NDF}: 18094.7/41$
 All: -45.952 ± 0.075 $\chi^2/\text{NDF}: 34873.0/80$

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: 0.656 $\pm$ 0.097 χ^2 /NDF:3666.3/23

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 0.857 $\pm$ 0.097 χ^2 /NDF:2672.4/21

Left: 0.756 $\pm$ 0.068 χ^2 /NDF: 6340.9/45

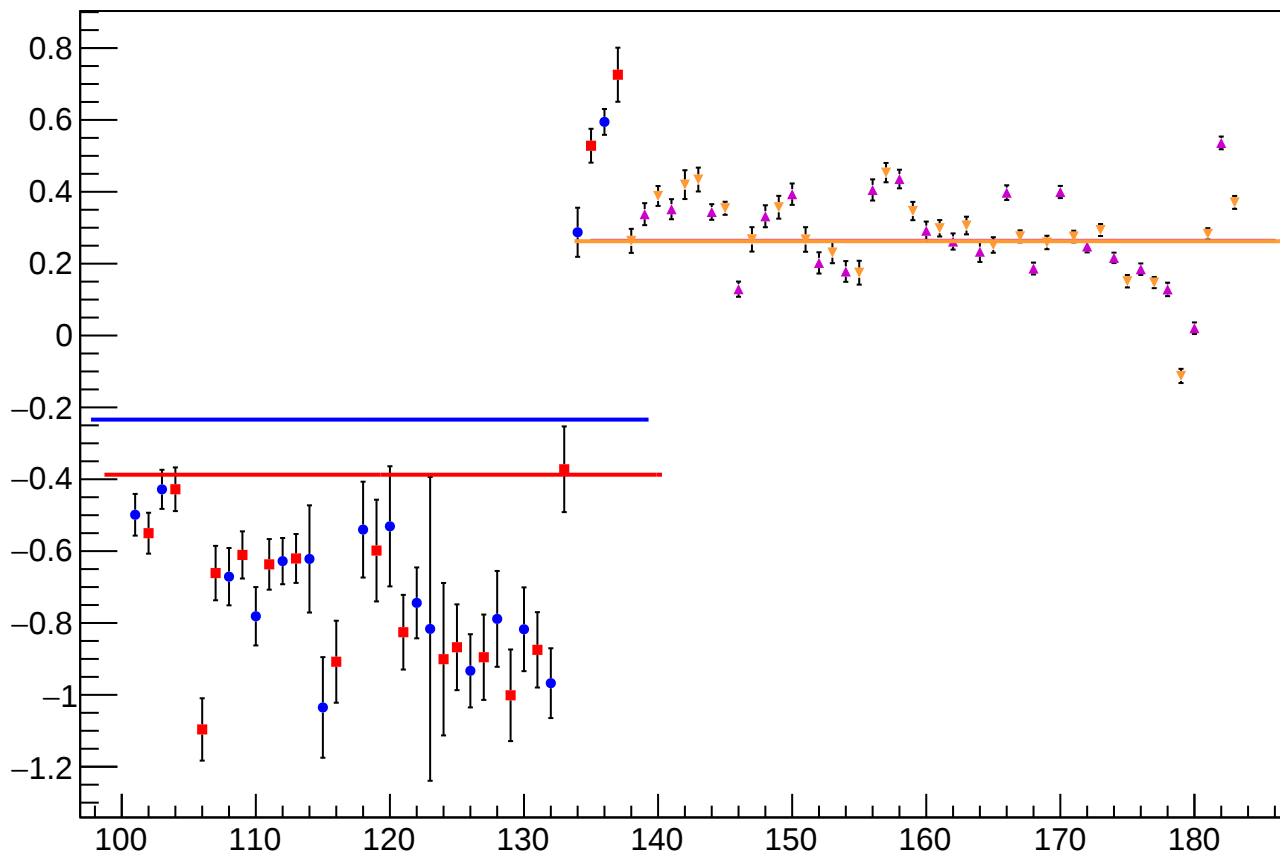
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 0.974 $\pm$ 0.094 χ^2 /NDF:2936.2/38

Out: 0.743 $\pm$ 0.093 χ^2 /NDF:3943.3/41

All: 0.858 $\pm$ 0.066 χ^2 /NDF: 6882.6/80

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: 0.262 ± 0.004 χ^2/NDF : 670.8/23

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.264 ± 0.004 χ^2/NDF : 855.9/21

Left: 0.263 ± 0.003 χ^2/NDF : 1526.8/45

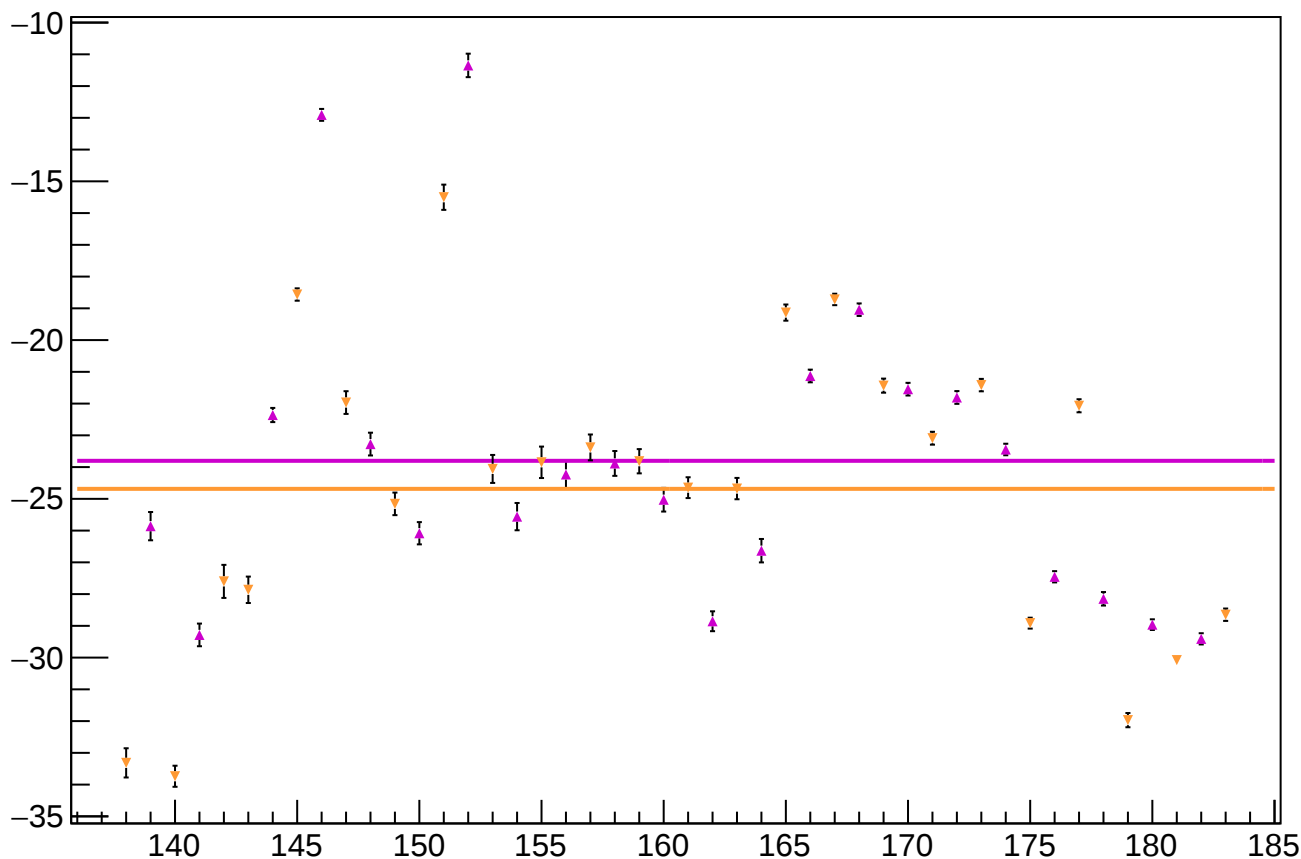
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.237 ± 0.004 χ^2/NDF : 2470.9/38

Out: 0.229 ± 0.004 χ^2/NDF : 2626.4/41

All: 0.233 ± 0.003 χ^2/NDF : 5099.1/80

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -24.685 ± 0.052 χ^2/NDF : 8406.9/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -23.803 ± 0.051 χ^2/NDF : 8985.7/21

Left: -24.242 ± 0.036 χ^2/NDF : 17539.4/45

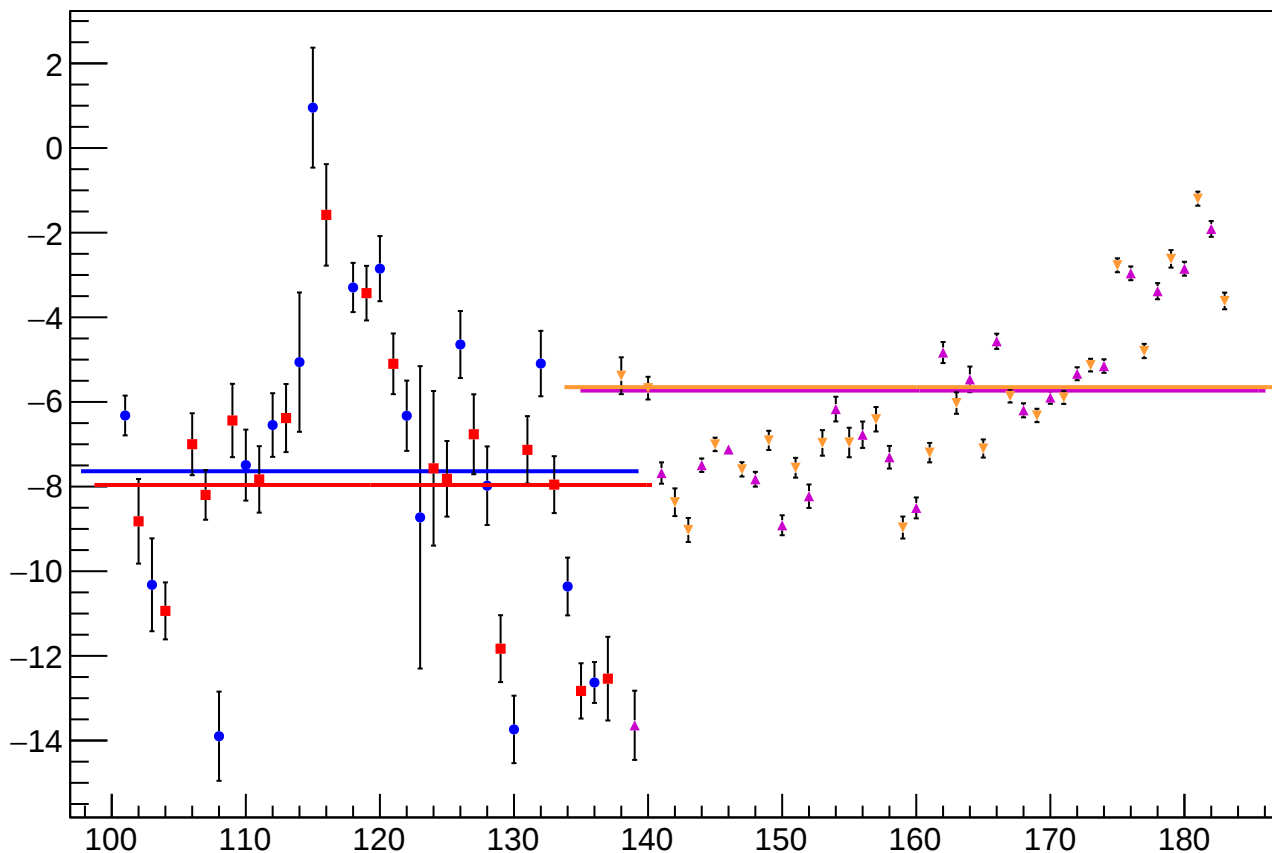
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -23.803 ± 0.051 χ^2/NDF : 8985.7/21

Out: -24.685 ± 0.052 χ^2/NDF : 8406.9/23

All: -24.242 ± 0.036 χ^2/NDF : 17539.4/45

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: -5.650 ± 0.042 χ^2/NDF : 2205.3/23

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -5.731 ± 0.041 χ^2/NDF : 2255.7/21

Left: -5.691 ± 0.029 χ^2/NDF : 4463.0/45

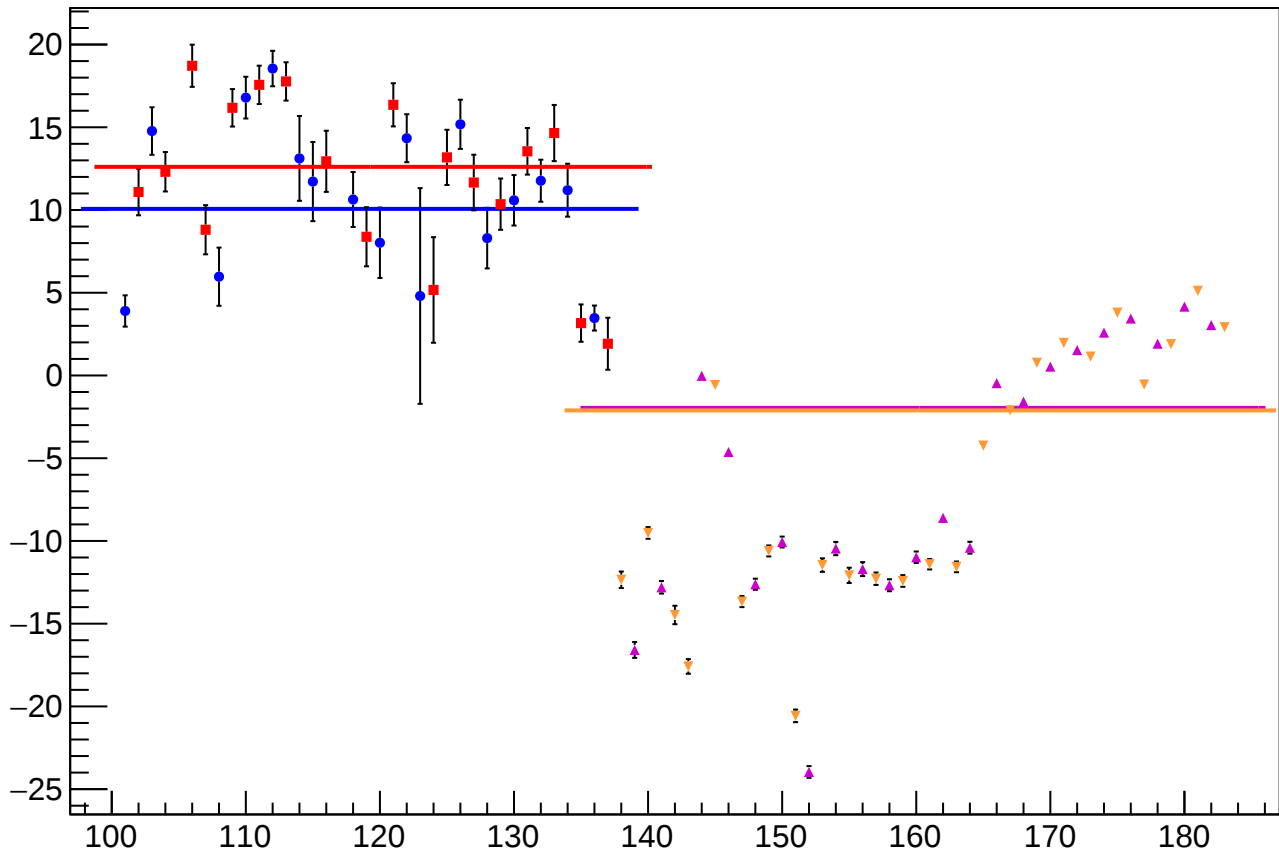
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -5.819 ± 0.040 χ^2/NDF : 2749.9/38

Out: -5.760 ± 0.041 χ^2/NDF : 2579.3/41

All: -5.790 ± 0.028 χ^2/NDF : 5330.3/80

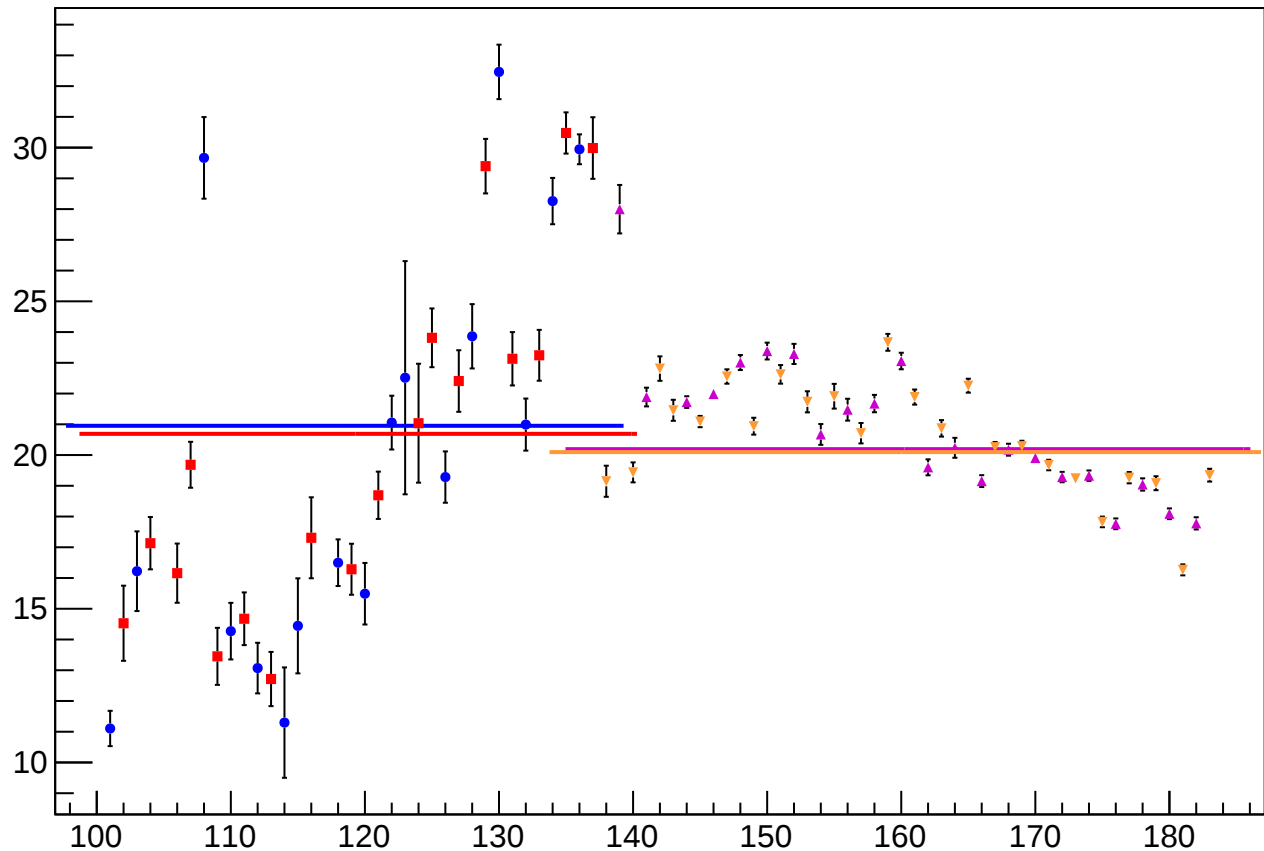
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -2.110 ± 0.052 χ^2/NDF : 16299.2/23
 Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17
 Left In: -1.958 ± 0.052 χ^2/NDF : 15492.3/21

Left: -2.033 ± 0.037 χ^2/NDF : 31795.9/45
 Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34
 In: -1.683 ± 0.051 χ^2/NDF : 16987.2/38
 Out: -1.760 ± 0.051 χ^2/NDF : 18424.3/41
 All: -1.721 ± 0.036 χ^2/NDF : 35412.6/80

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: 20.096 $\pm$ 0.046 χ^2 /NDF:1378.0/23

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.191 $\pm$ 0.046 χ^2 /NDF:1469.1/21

Left: 20.144 $\pm$ 0.033 χ^2 /NDF: 2849.3/45

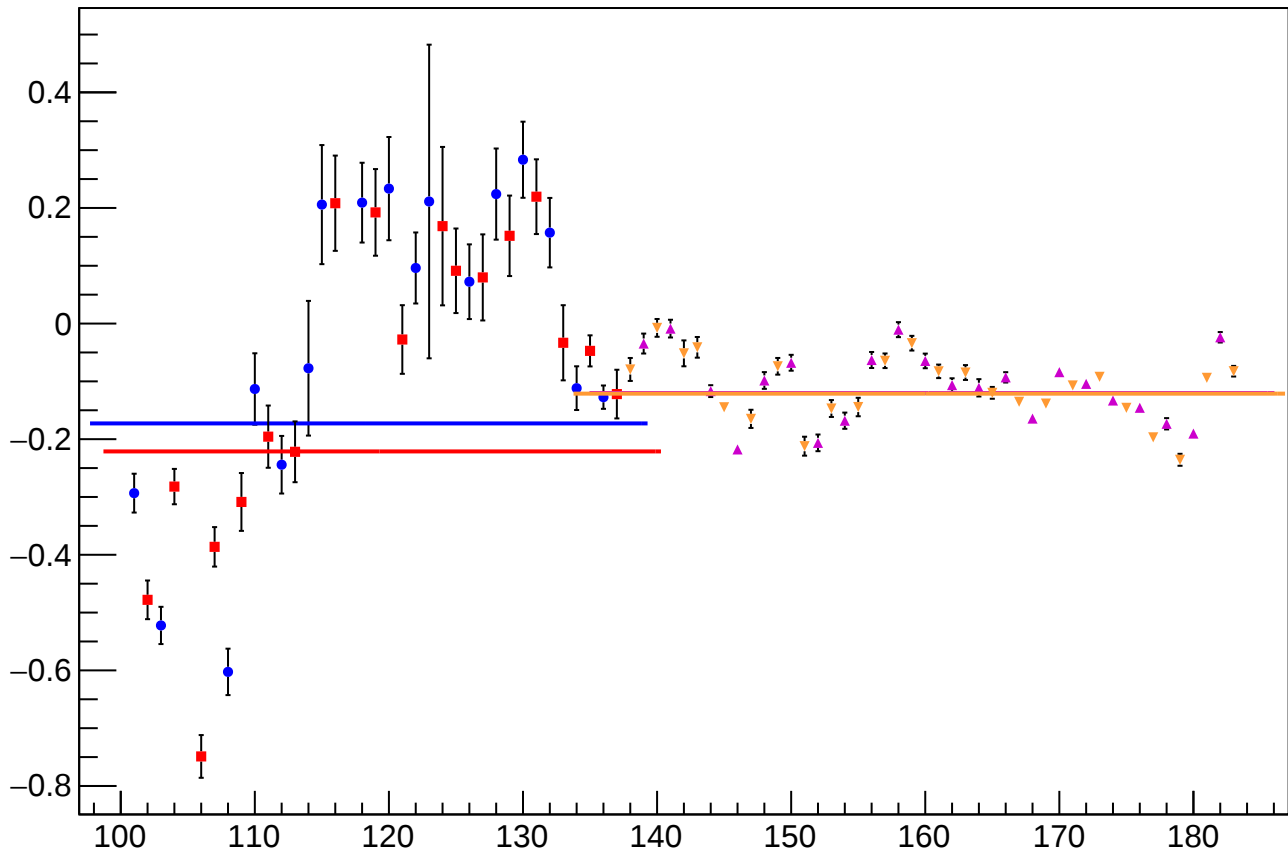
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.226 $\pm$ 0.045 χ^2 /NDF:2704.4/38

Out: 20.123 $\pm$ 0.045 χ^2 /NDF:2112.4/41

All: 20.175 $\pm$ 0.032 χ^2 /NDF: 4819.4/80

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: -0.121 ± 0.002 χ^2/NDF : 521.1/23

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.120 ± 0.002 χ^2/NDF : 688.7/21

Left: -0.121 ± 0.002 χ^2/NDF : 1209.9/45

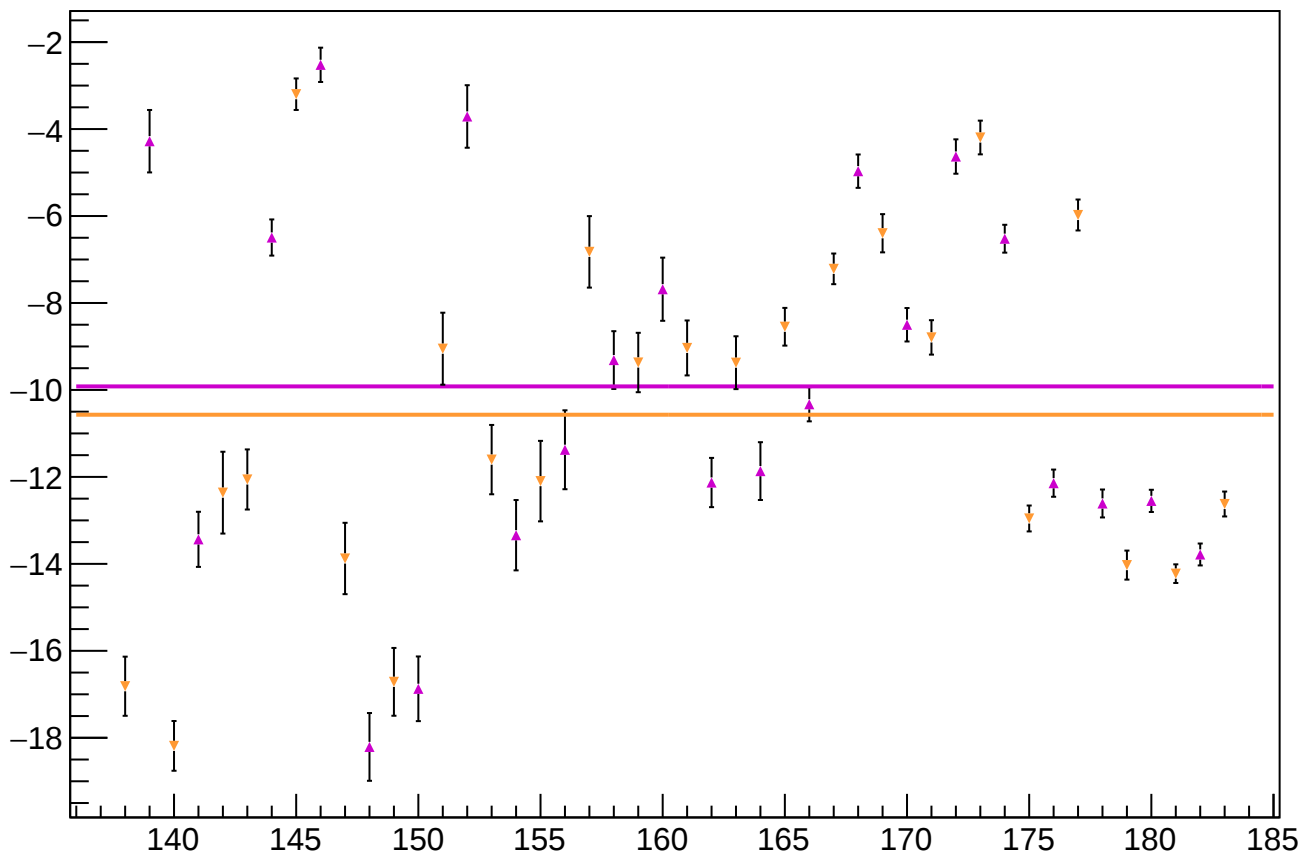
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.122 ± 0.002 χ^2/NDF : 1170.3/38

Out: -0.125 ± 0.002 χ^2/NDF : 1136.3/41

All: -0.123 ± 0.001 χ^2/NDF : 2307.5/80

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Left: -10.250+/-0.064 χ^2/NDF : 3778.3/45

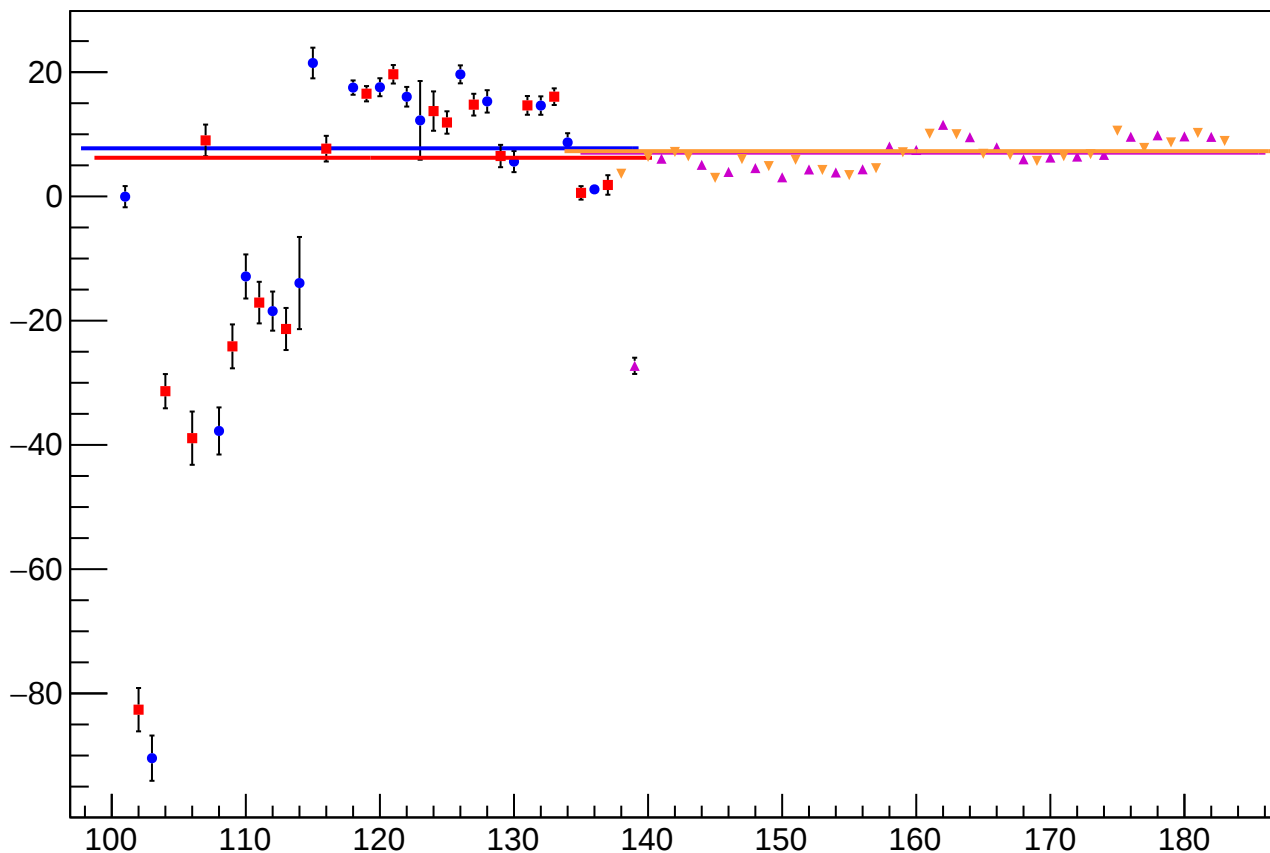
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

All: -10.250+/-0.064 χ^2/NDF : 3778.3/45

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: 7.282 ± 0.074 χ^2/NDF : 852.1/23

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 7.042 ± 0.075 χ^2/NDF : 1604.6/21

Left: 7.163 ± 0.053 χ^2/NDF : 2461.8/45

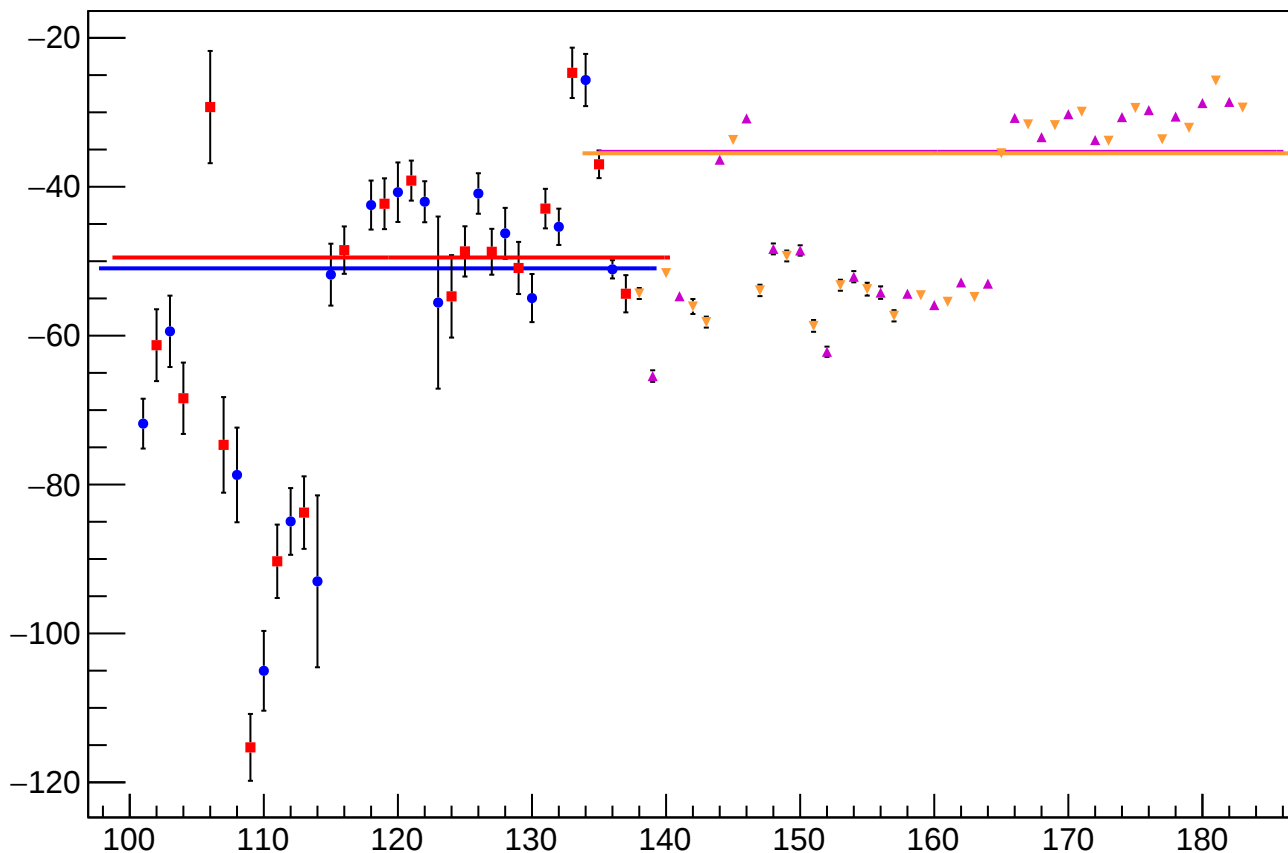
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 7.066 ± 0.074 χ^2/NDF : 2966.4/38

Out: 7.252 ± 0.073 χ^2/NDF : 2303.9/41

All: 7.159 ± 0.052 χ^2/NDF : 5273.4/80

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: -35.504 ± 0.090 χ^2/NDF : 12761.7/23

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -35.310 ± 0.091 χ^2/NDF : 11759.7/21

Left: -35.409 ± 0.064 χ^2/NDF : 24523.7/45

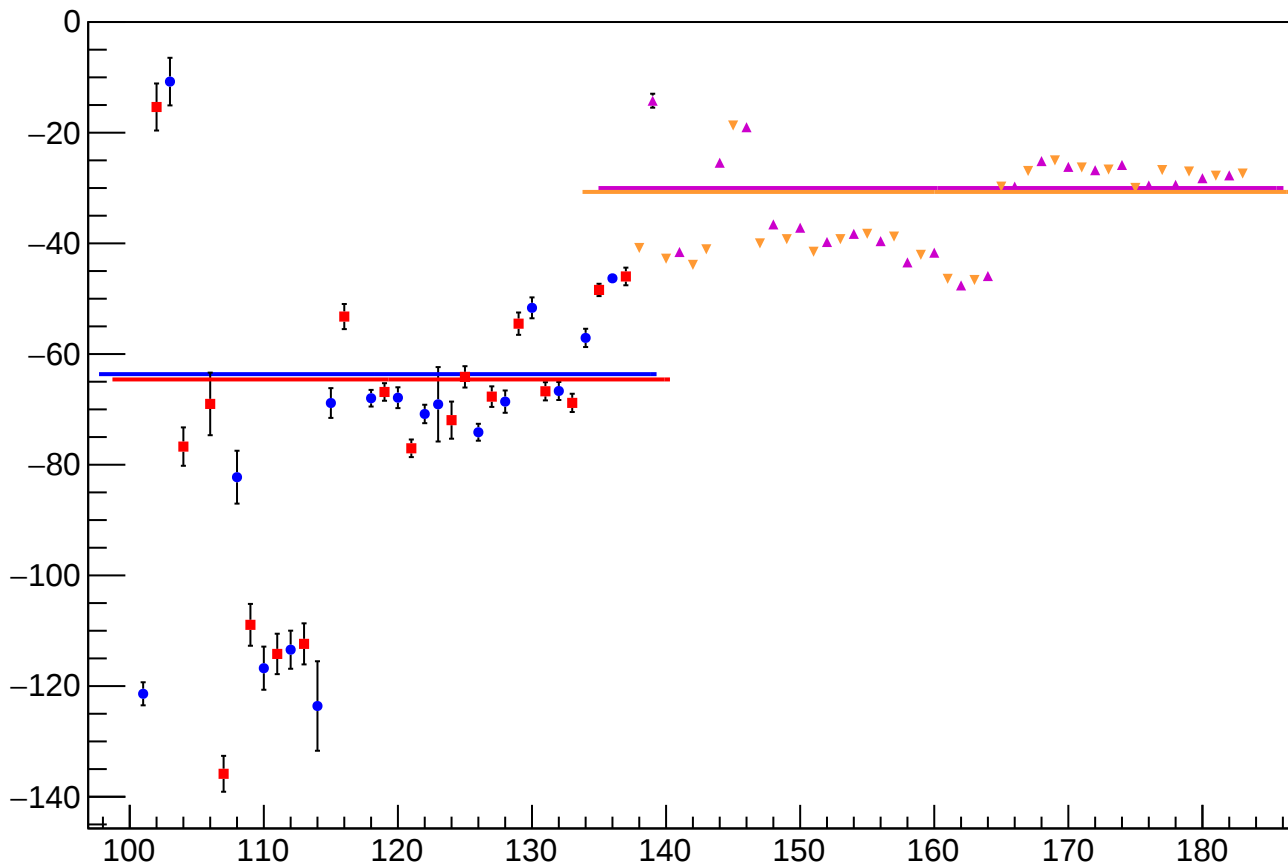
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -35.546 ± 0.091 χ^2/NDF : 12534.0/38

Out: -35.681 ± 0.090 χ^2/NDF : 13571.9/41

All: -35.614 ± 0.064 χ^2/NDF : 26107.0/80

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.702 ± 0.083 χ^2/NDF : 7826.2/23

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -30.001 ± 0.083 χ^2/NDF : 7041.7/21

Left: -30.355 ± 0.059 χ^2/NDF : 14903.6/45

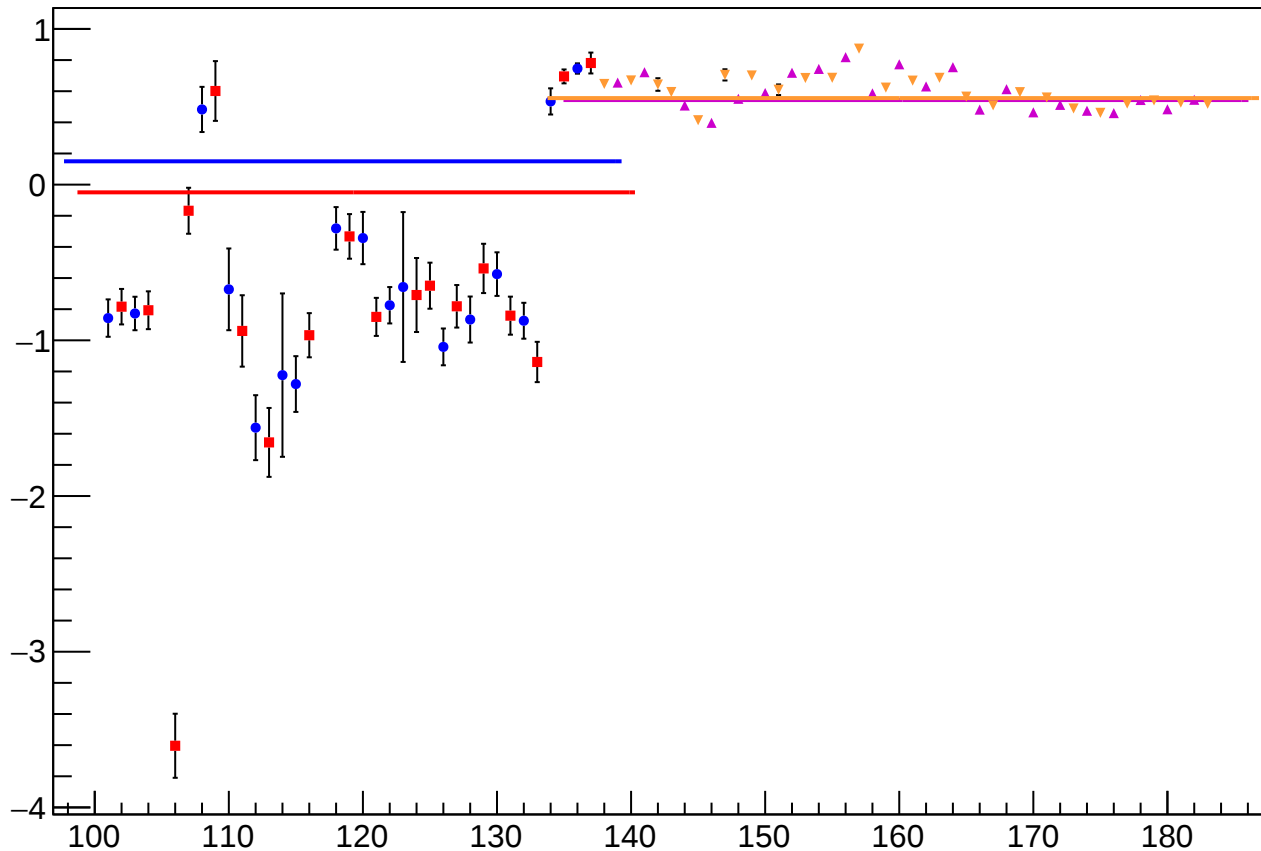
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -31.138 ± 0.082 χ^2/NDF : 14550.3/38

Out: -31.670 ± 0.081 χ^2/NDF : 14219.1/41

All: -31.405 ± 0.058 χ^2/NDF : 28790.5/80

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: 0.556 $\pm$ 0.004 χ^2 /NDF: 526.3/23

Right Out: -0.050 $\pm$ 0.026 χ^2 /NDF: 1154.0/17

Left In: 0.543 $\pm$ 0.004 χ^2 /NDF: 658.9/21

Left: 0.550 $\pm$ 0.003 χ^2 /NDF: 1190.7/45

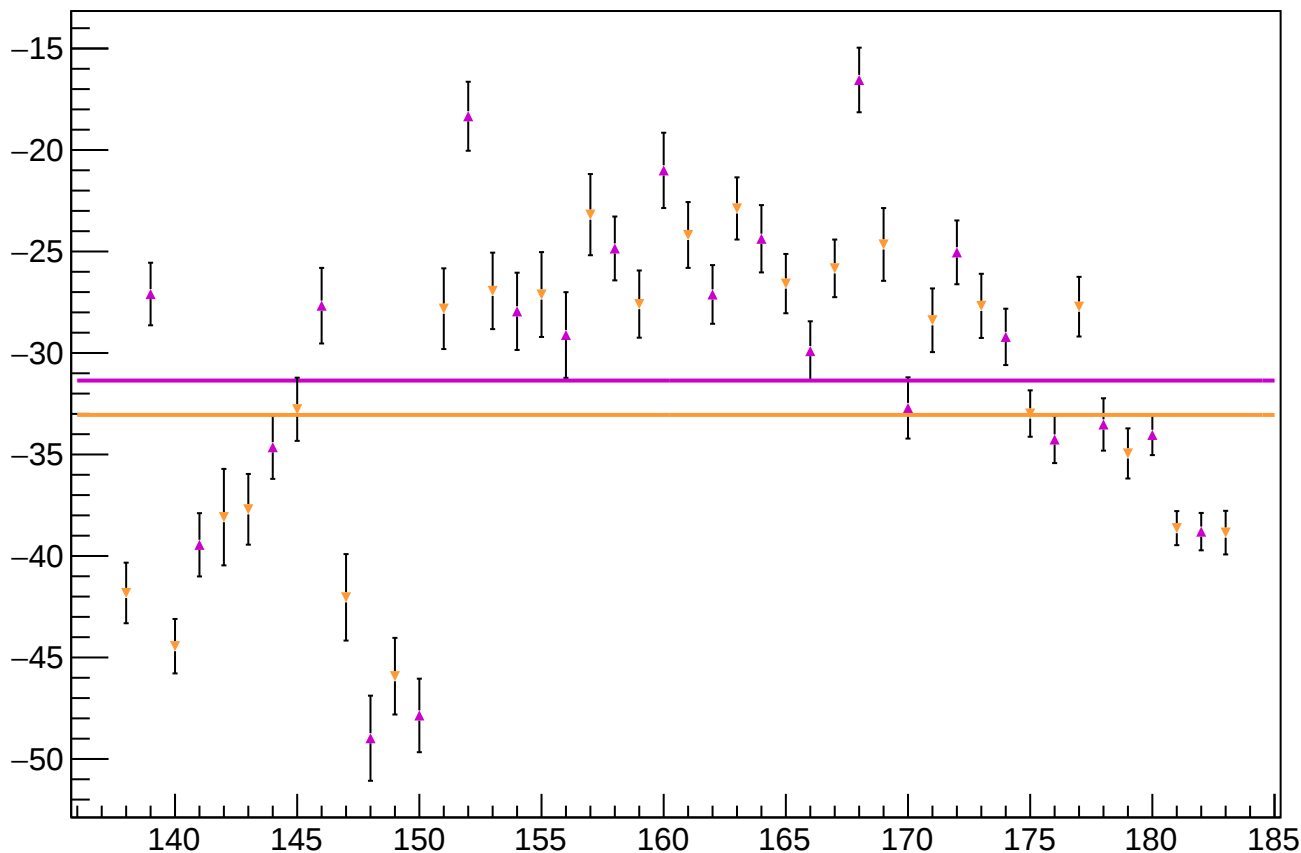
Right: 0.059 $\pm$ 0.018 χ^2 /NDF: 2174.6/34

In: 0.533 $\pm$ 0.004 χ^2 /NDF: 1910.5/38

Out: 0.543 $\pm$ 0.004 χ^2 /NDF: 2202.2/41

All: 0.539 $\pm$ 0.003 χ^2 /NDF: 4116.1/80

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



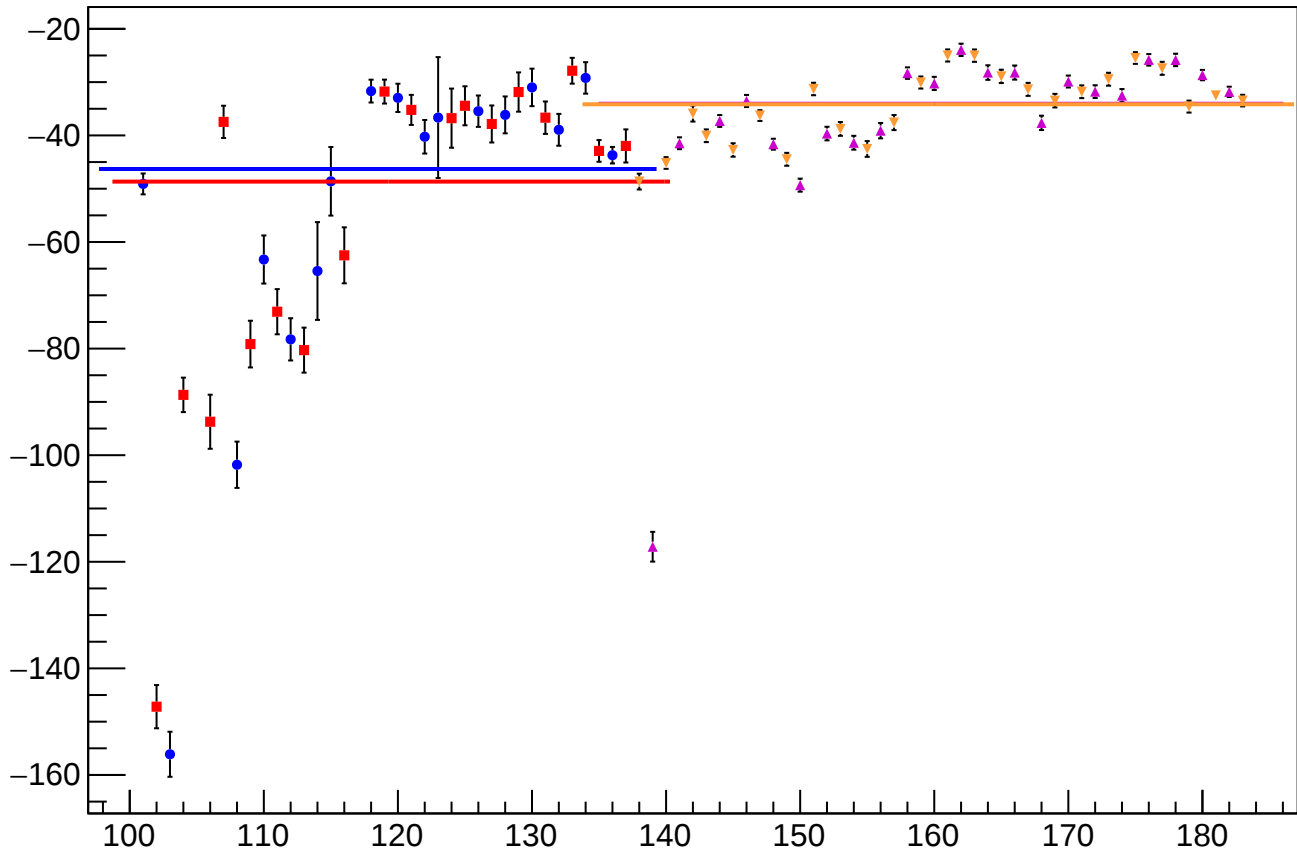
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.359 $\pm$ 0.313 χ^2 /NDF:522.6/21

Left: -32.231 $\pm$ 0.218 χ^2 /NDF: 1031.7/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.359 $\pm$ 0.313 χ^2 /NDF:522.6/21
 Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23

All: -32.231 $\pm$ 0.218 χ^2 /NDF: 1031.7/45

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.157 ± 0.244 χ^2/NDF : 679.4/23

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -34.057 ± 0.253 χ^2/NDF : 1534.7/21

Left: -34.109 ± 0.176 χ^2/NDF : 2214.3/45

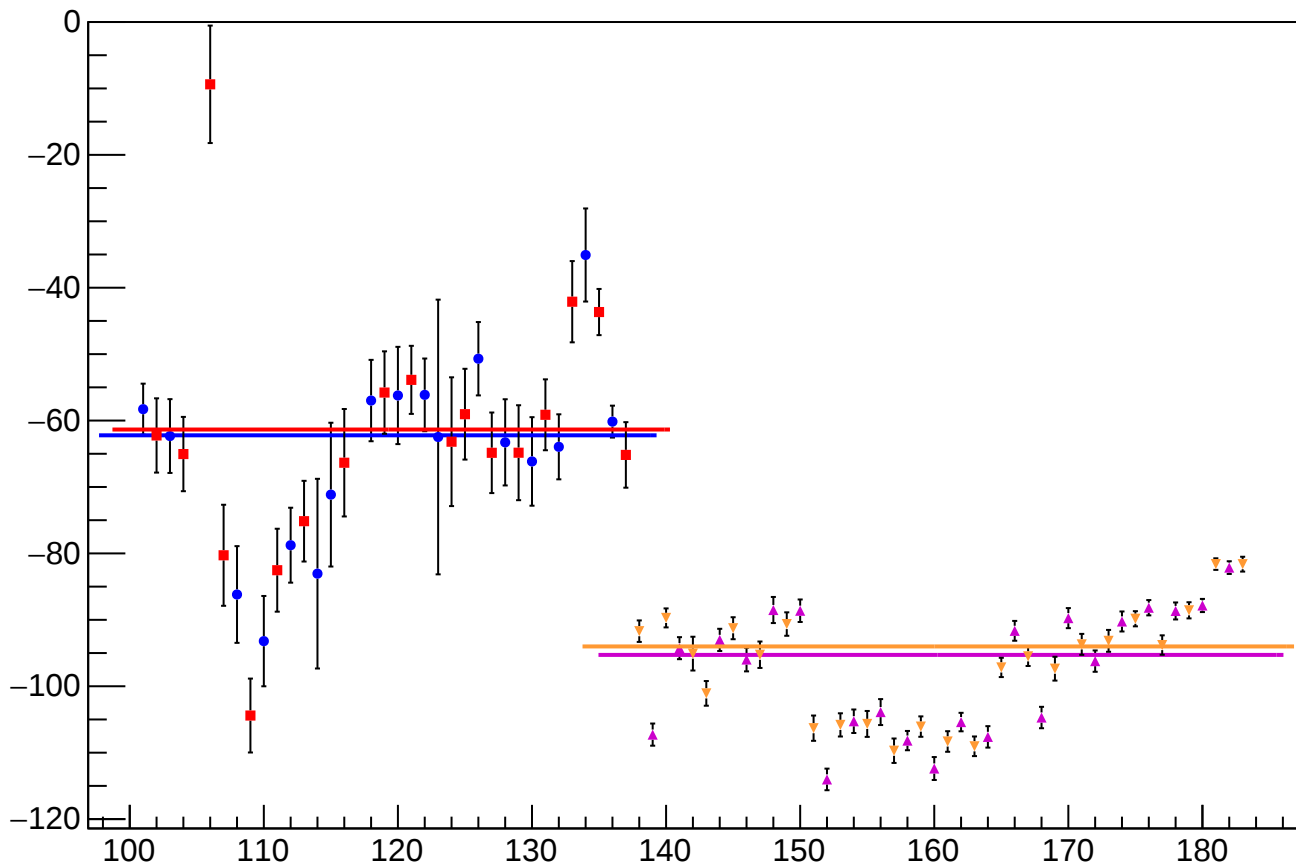
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -35.394 ± 0.239 χ^2/NDF : 2873.9/38

Out: -35.497 ± 0.232 χ^2/NDF : 2219.6/41

All: -35.447 ± 0.166 χ^2/NDF : 5093.6/80

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -94.006 ± 0.305 χ^2/NDF : 847.2/23

Right Out: -61.350 ± 1.383 χ^2/NDF : 158.4/17

Left In: -95.280 ± 0.312 χ^2/NDF : 929.2/21

Left: -94.628 ± 0.218 χ^2/NDF : 1784.9/45

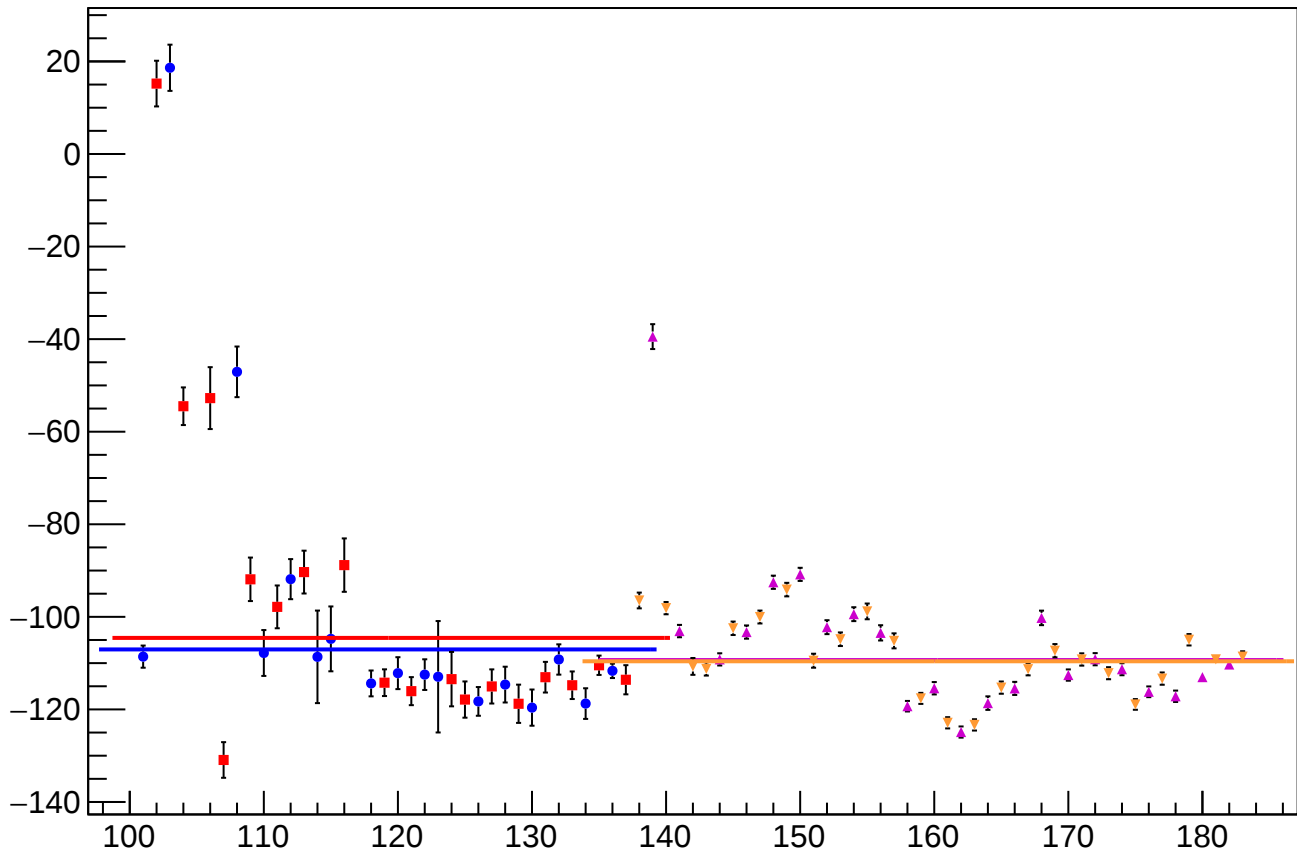
Right: -61.809 ± 0.952 χ^2/NDF : 225.9/34

In: -93.507 ± 0.304 χ^2/NDF : 1597.7/38

Out: -92.495 ± 0.298 χ^2/NDF : 1537.5/41

All: -92.990 ± 0.213 χ^2/NDF : 3140.8/80

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: -109.600 ± 0.274 χ^2/NDF : 783.5/23

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -109.337 ± 0.283 χ^2/NDF : 1557.2/21

Left: -109.473 ± 0.197 χ^2/NDF : 2341.1/45

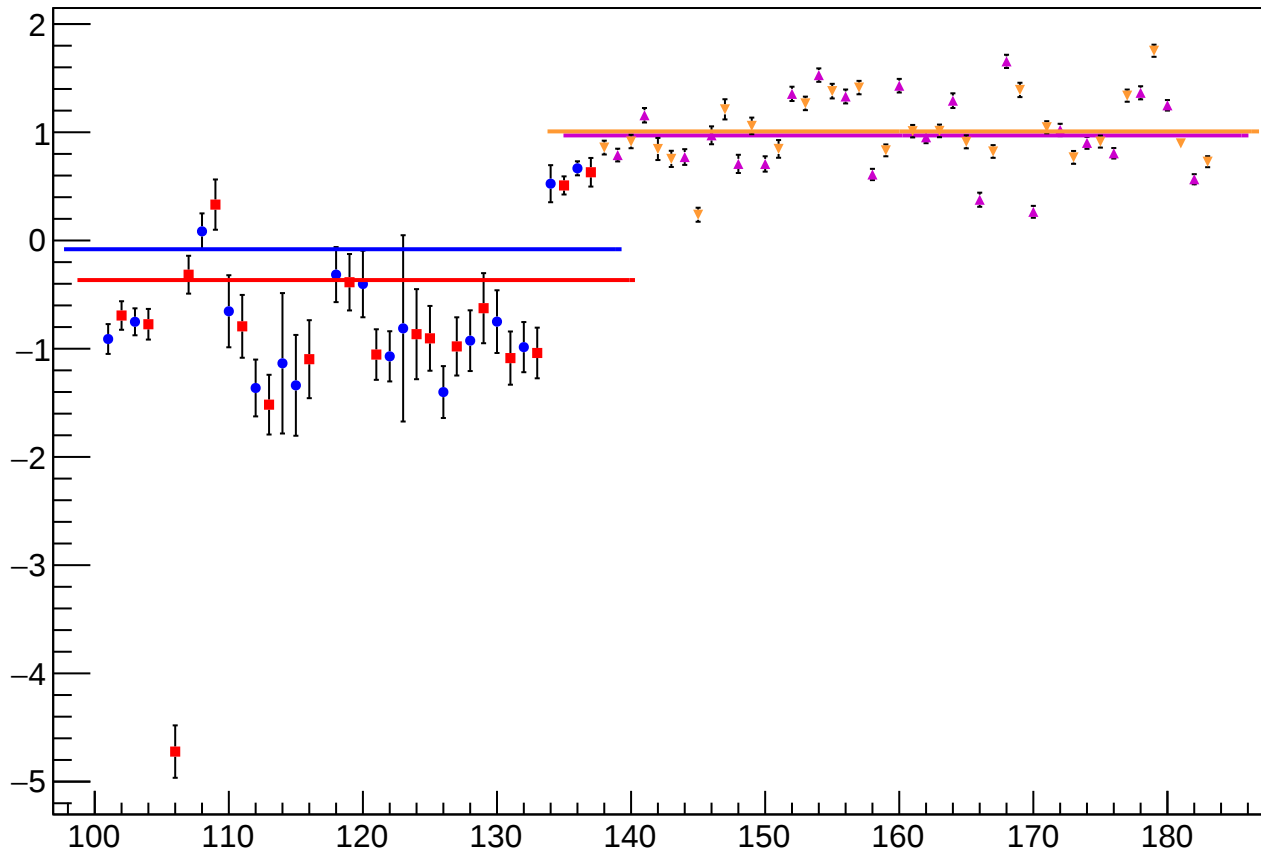
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -109.089 ± 0.267 χ^2/NDF : 2392.2/38

Out: -109.136 ± 0.261 χ^2/NDF : 1782.2/41

All: -109.113 ± 0.187 χ^2/NDF : 4174.4/80

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: 1.008 ± 0.013 χ^2/NDF : 584.2/23

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.971 ± 0.013 χ^2/NDF : 852.9/21

Left: 0.990 ± 0.009 χ^2/NDF : 1441.3/45

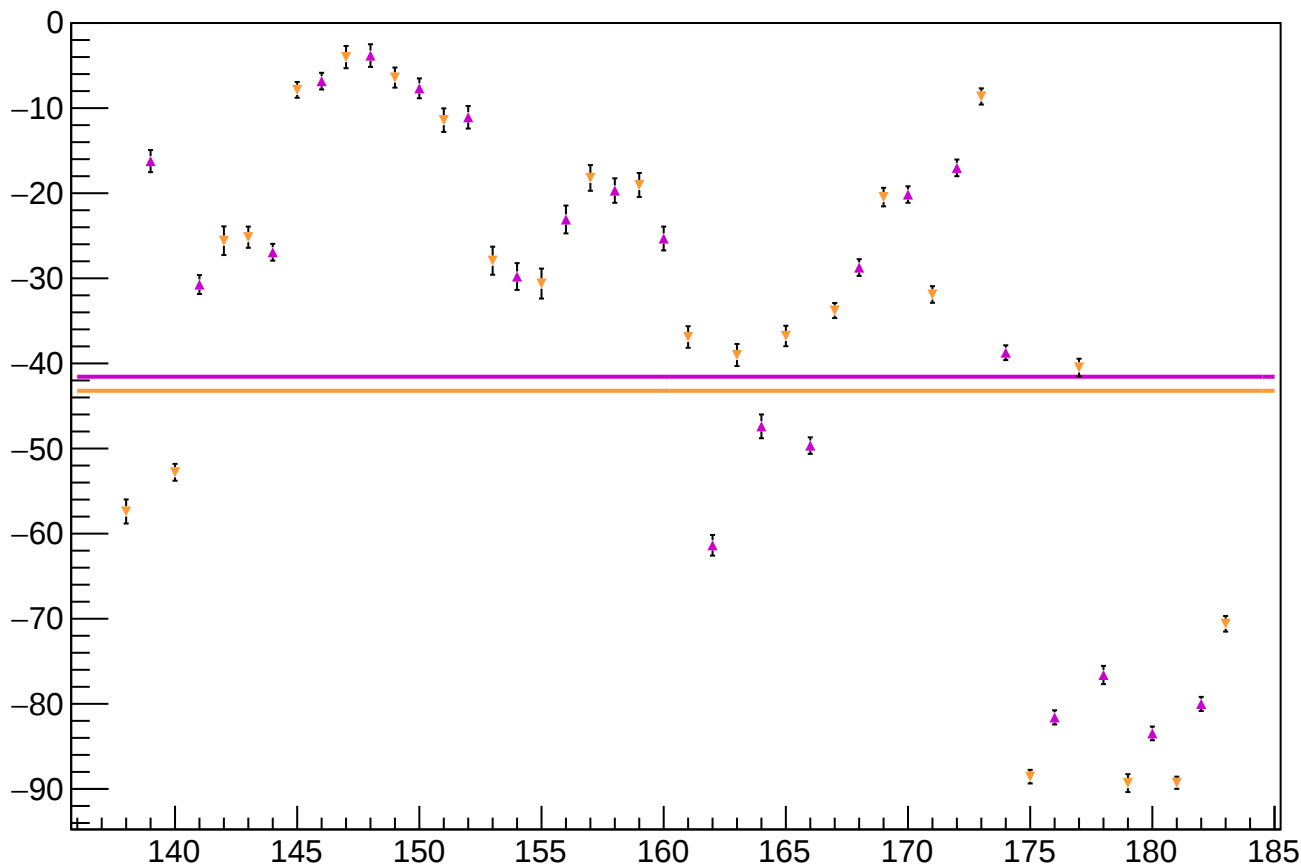
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.883 ± 0.012 χ^2/NDF : 1750.8/38

Out: 0.904 ± 0.012 χ^2/NDF : 2057.8/41

All: 0.894 ± 0.009 χ^2/NDF : 3810.2/80

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: -43.213+/-0.224 χ^2/NDF :17340.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Left: -42.402+/-0.160 χ^2/NDF : 31955.0/45

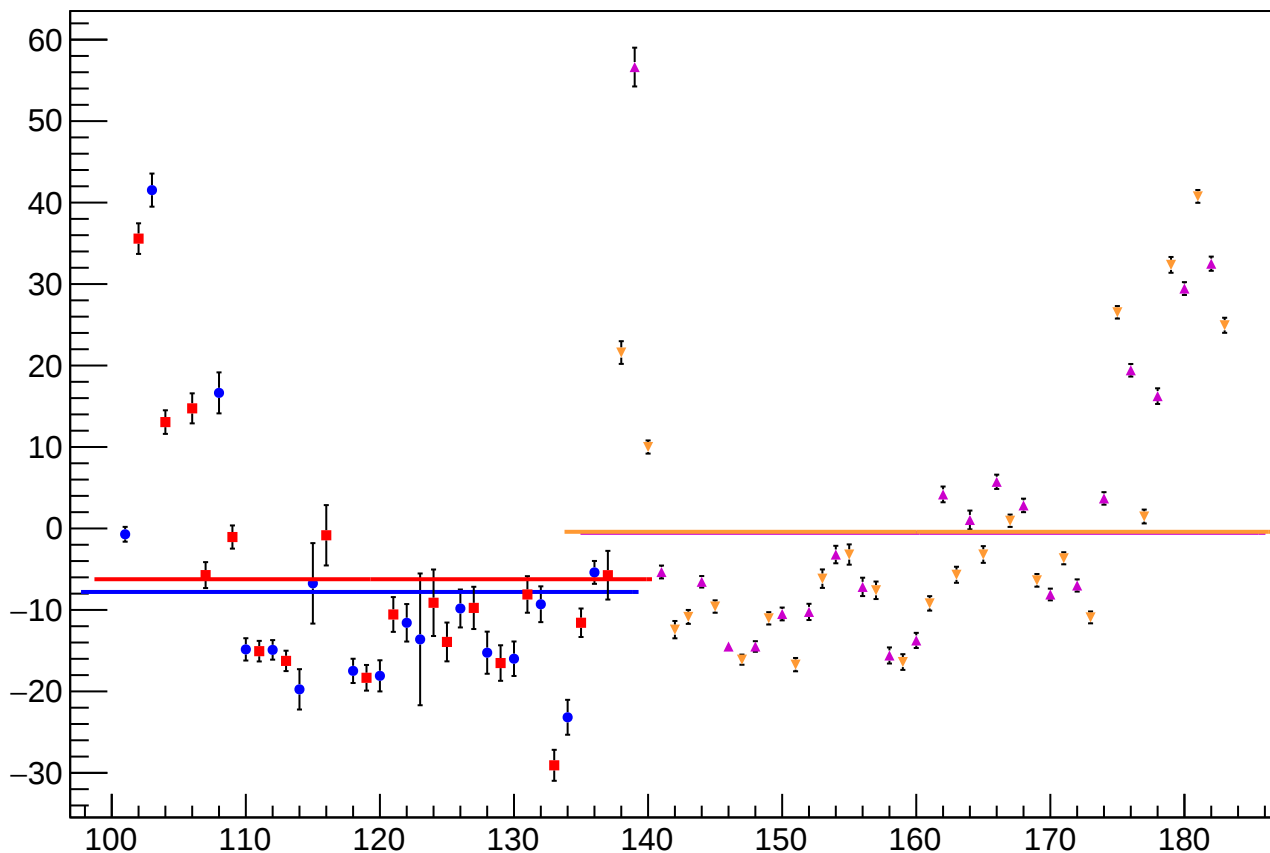
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

All: -42.402+/-0.160 χ^2/NDF : 31955.0/45

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: -0.409 ± 0.176 χ^2/NDF : 8687.9/23

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -0.534 ± 0.180 χ^2/NDF : 6556.8/21

Left: -0.470 ± 0.126 χ^2/NDF : 15244.9/45

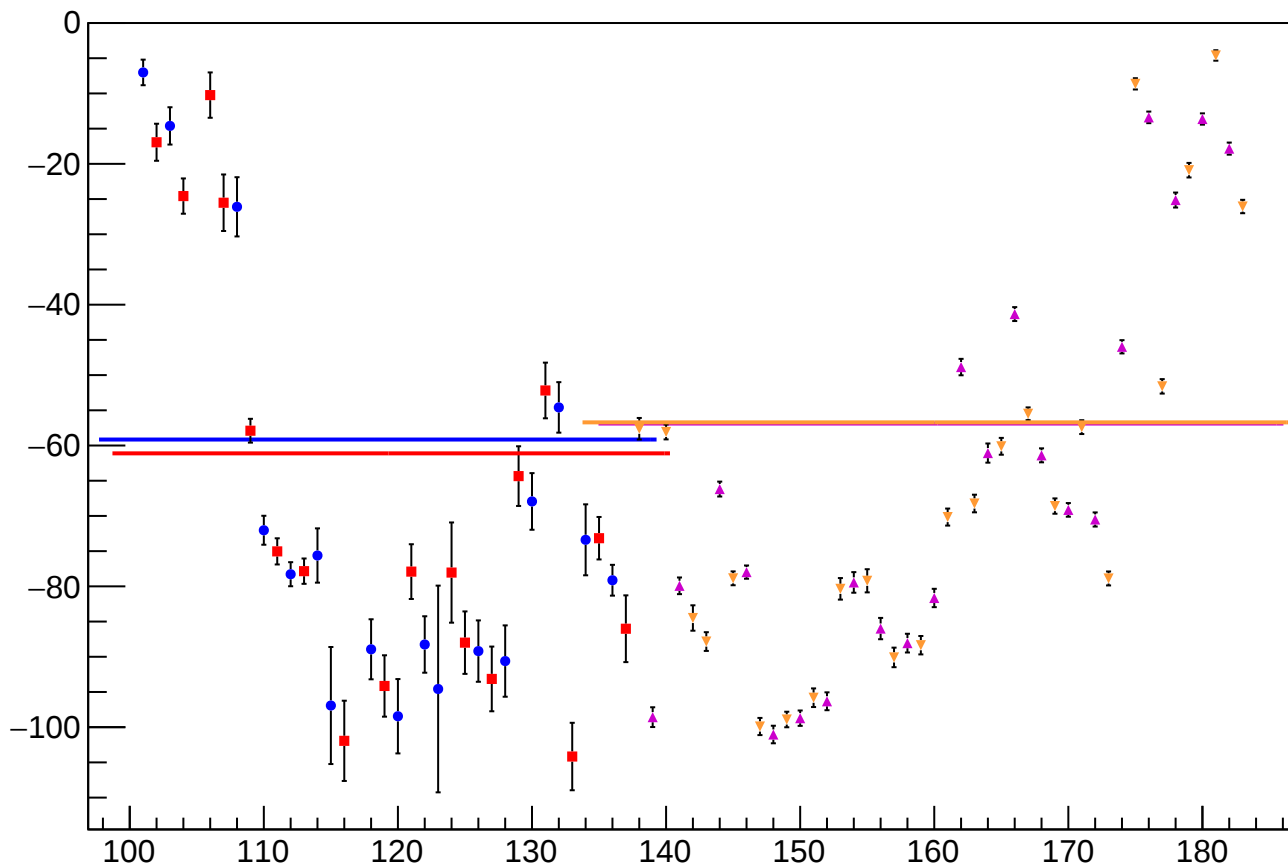
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -1.624 ± 0.166 χ^2/NDF : 7784.1/38

Out: -1.242 ± 0.163 χ^2/NDF : 10028.1/41

All: -1.429 ± 0.116 χ^2/NDF : 17814.9/80

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -56.712 ± 0.225 χ^2/NDF : 18104.9/23

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -56.880 ± 0.228 χ^2/NDF : 16518.3/21

Left: -56.795 ± 0.160 χ^2/NDF : 34623.5/45

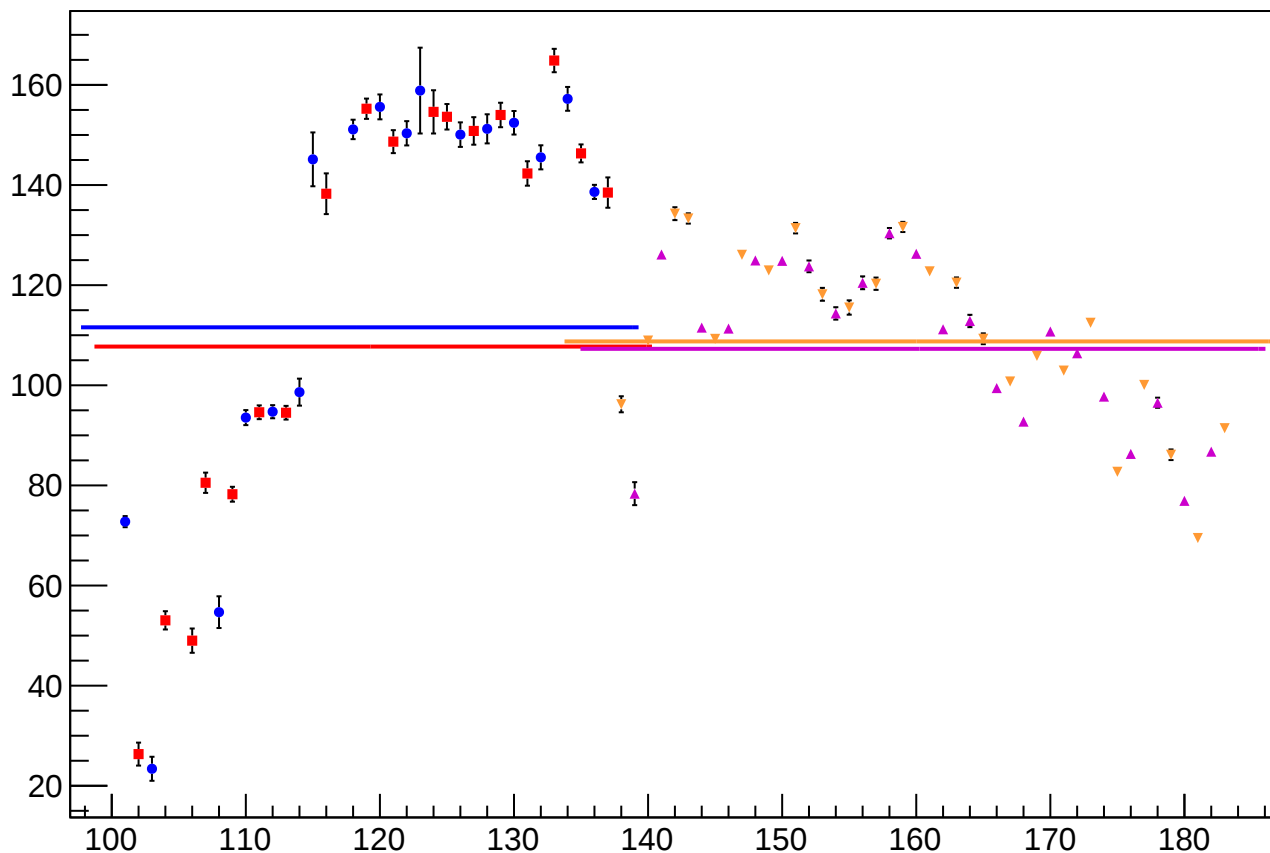
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -57.075 ± 0.218 χ^2/NDF : 18245.1/38

Out: -57.117 ± 0.215 χ^2/NDF : 19457.8/41

All: -57.096 ± 0.153 χ^2/NDF : 37702.9/80

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: 108.764 $\pm$ 0.199 χ^2 /NDF: 7395.8/23

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 107.282 $\pm$ 0.203 χ^2 /NDF: 5576.2/21

Left: 108.039 $\pm$ 0.142 χ^2 /NDF: 12999.2/45

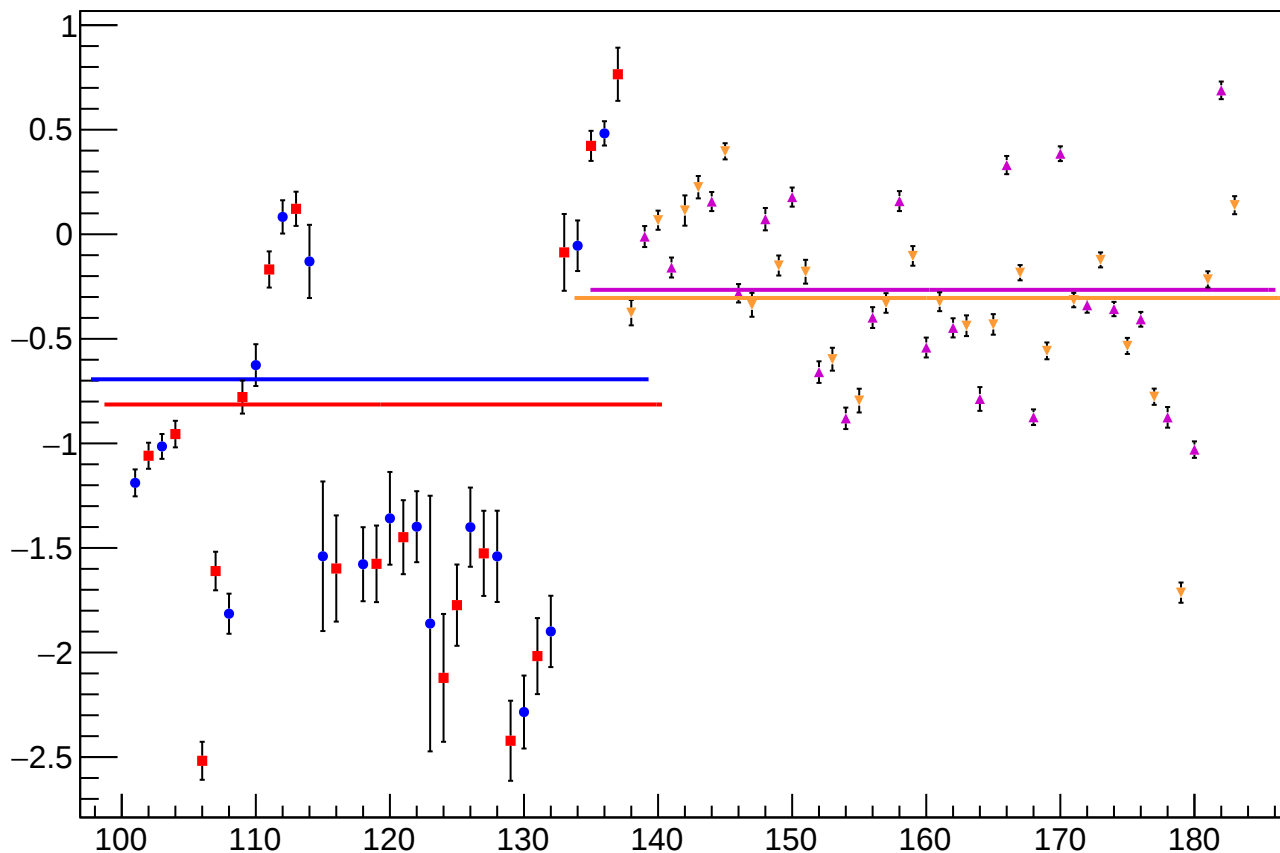
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 107.918 $\pm$ 0.188 χ^2 /NDF: 11588.4/38

Out: 108.618 $\pm$ 0.184 χ^2 /NDF: 14235.8/41

All: 108.274 $\pm$ 0.131 χ^2 /NDF: 25831.3/80

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: -0.305 ± 0.009 χ^2/NDF : 1898.9/23

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.266 ± 0.009 χ^2/NDF : 2531.2/21

Left: -0.285 ± 0.007 χ^2/NDF : 4439.0/45

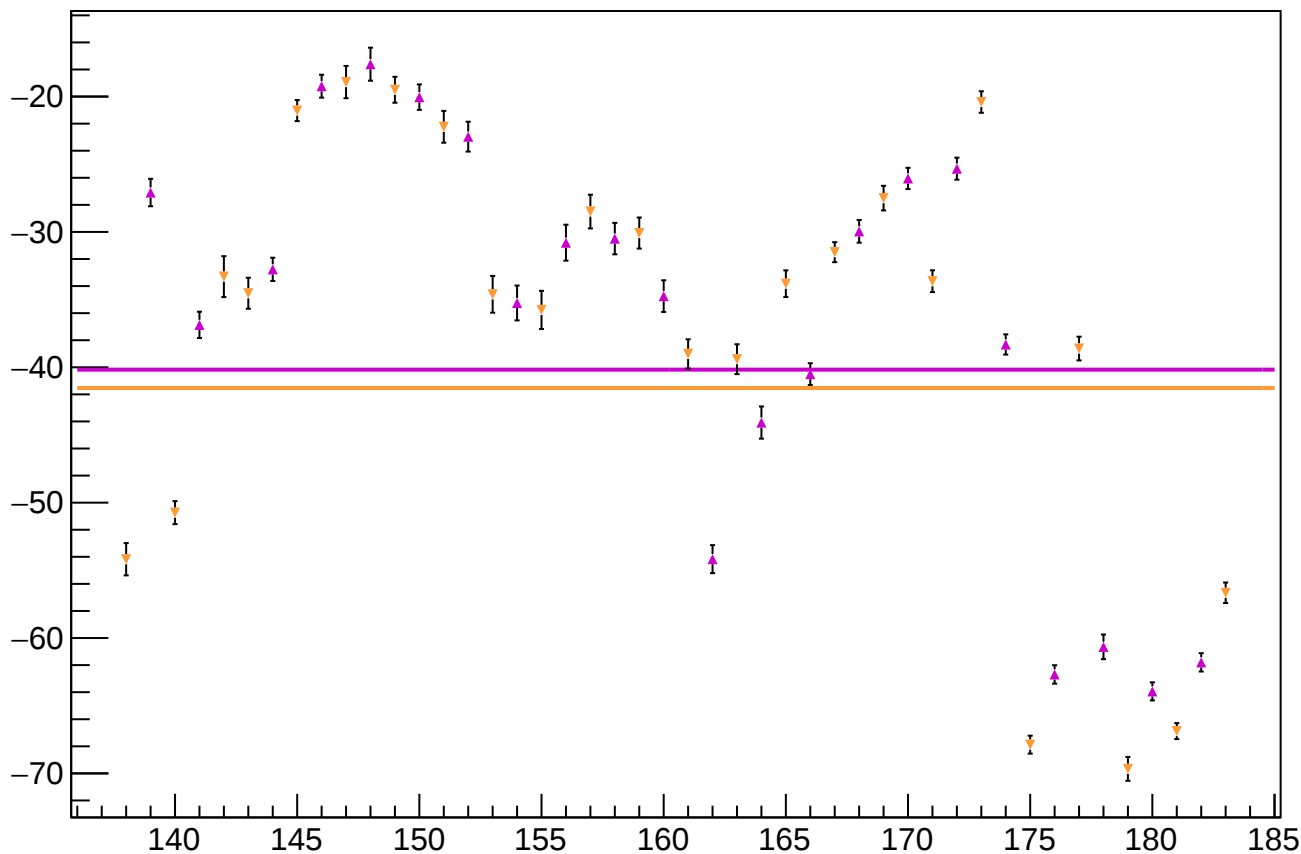
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.315 ± 0.009 χ^2/NDF : 3765.2/38

Out: -0.368 ± 0.009 χ^2/NDF : 3587.1/41

All: -0.342 ± 0.006 χ^2/NDF : 7370.7/80

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: -41.529+/-0.188 χ^2/NDF :8554.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Left: -40.862+/-0.134 χ^2/NDF : 15537.6/45

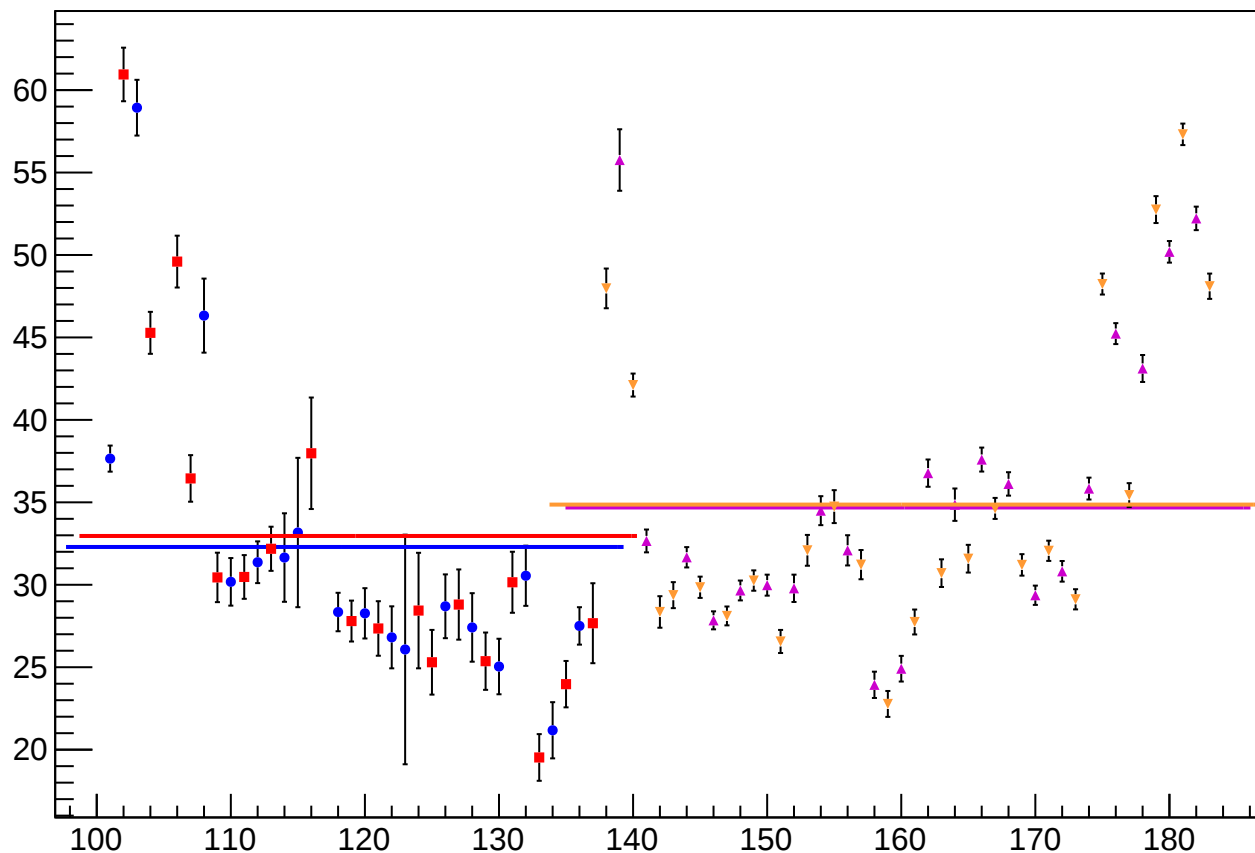
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Out: -41.529+/-0.188 χ^2/NDF :8554.8/23

All: -40.862+/-0.134 χ^2/NDF : 15537.6/45

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: 34.863 ± 0.149 $\chi^2/\text{NDF}: 3654.5/23$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 34.687 ± 0.152 $\chi^2/\text{NDF}: 2521.8/21$

Left: 34.777 ± 0.106 $\chi^2/\text{NDF}: 6177.1/45$

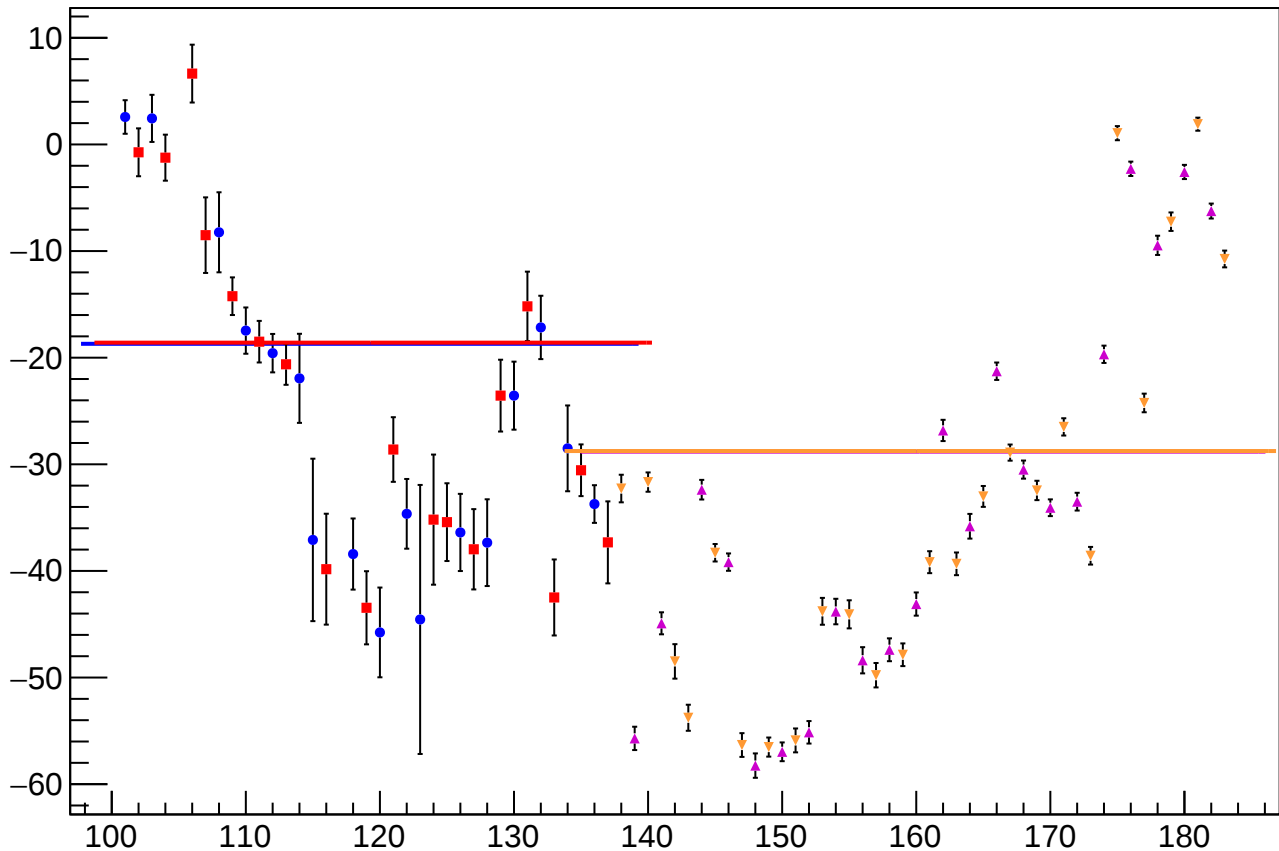
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 34.345 ± 0.141 $\chi^2/\text{NDF}: 3009.7/38$

Out: 34.610 ± 0.138 $\chi^2/\text{NDF}: 4400.3/41$

All: 34.480 ± 0.099 $\chi^2/\text{NDF}: 7411.8/80$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -28.756 ± 0.189 χ^2/NDF : 9891.4/23

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -28.813 ± 0.191 χ^2/NDF : 9147.7/21

Left: -28.784 ± 0.134 χ^2/NDF : 19039.2/45

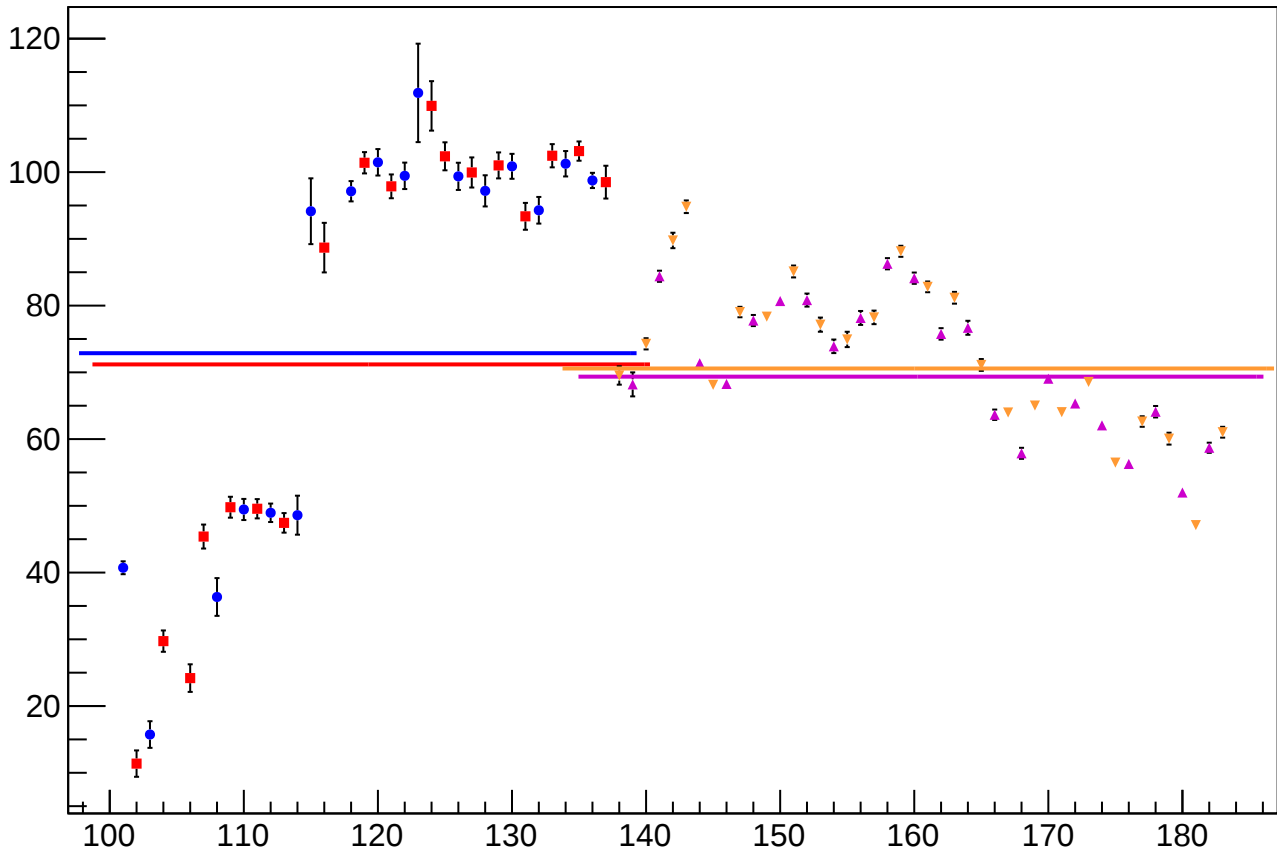
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -28.046 ± 0.184 χ^2/NDF : 9879.6/38

Out: -27.960 ± 0.181 χ^2/NDF : 10579.9/41

All: -28.002 ± 0.129 χ^2/NDF : 20459.6/80

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: 70.578 $\pm$ 0.168 χ^2 /NDF: 4590.9/23

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 69.356 $\pm$ 0.171 χ^2 /NDF: 3330.7/21

Left: 69.979 $\pm$ 0.120 χ^2 /NDF: 7947.6/45

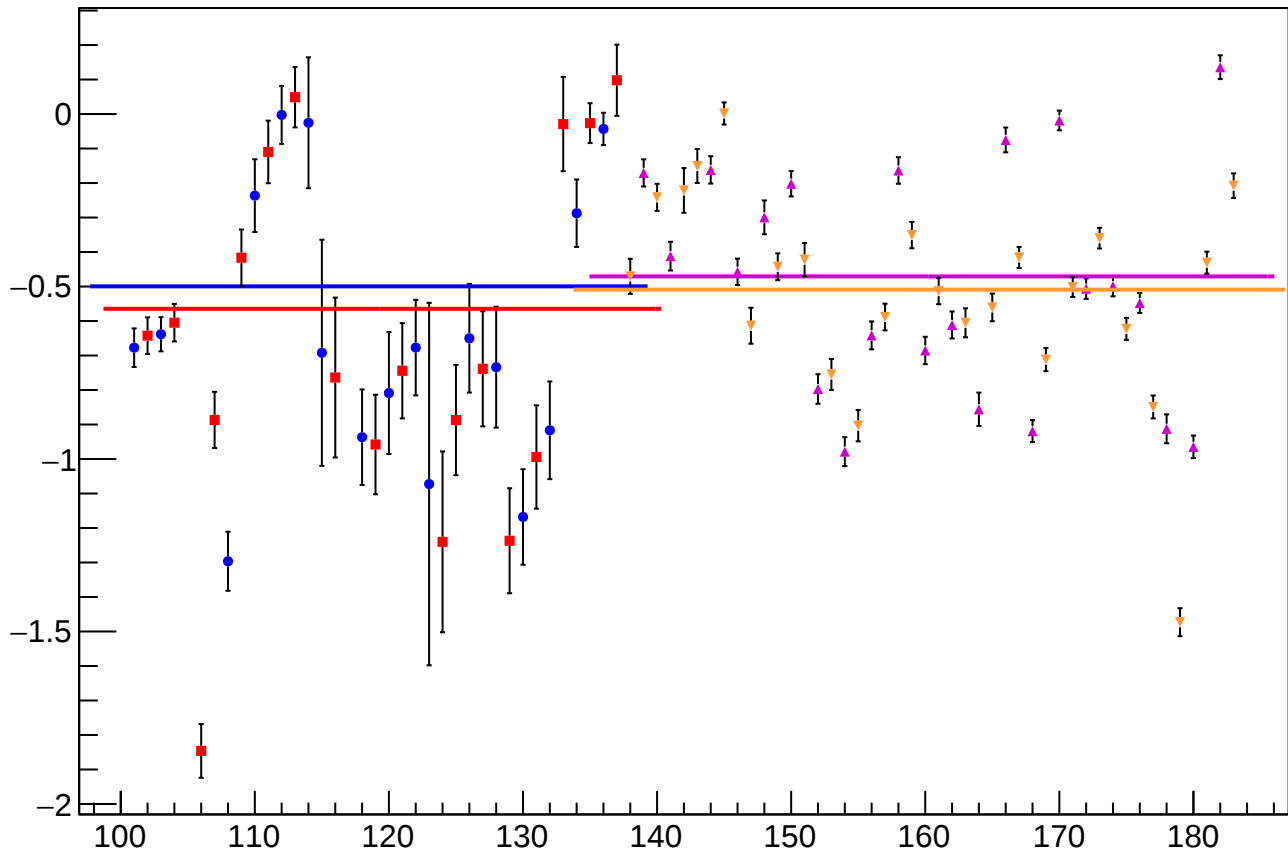
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 69.843 $\pm$ 0.159 χ^2 /NDF: 8116.3/38

Out: 70.657 $\pm$ 0.156 χ^2 /NDF: 9967.8/41

All: 70.256 $\pm$ 0.111 χ^2 /NDF: 18097.4/80

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: -0.509 ± 0.008 χ^2/NDF : 1344.8/23

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.471 ± 0.008 χ^2/NDF : 1805.1/21

Left: -0.490 ± 0.005 χ^2/NDF : 3162.3/45

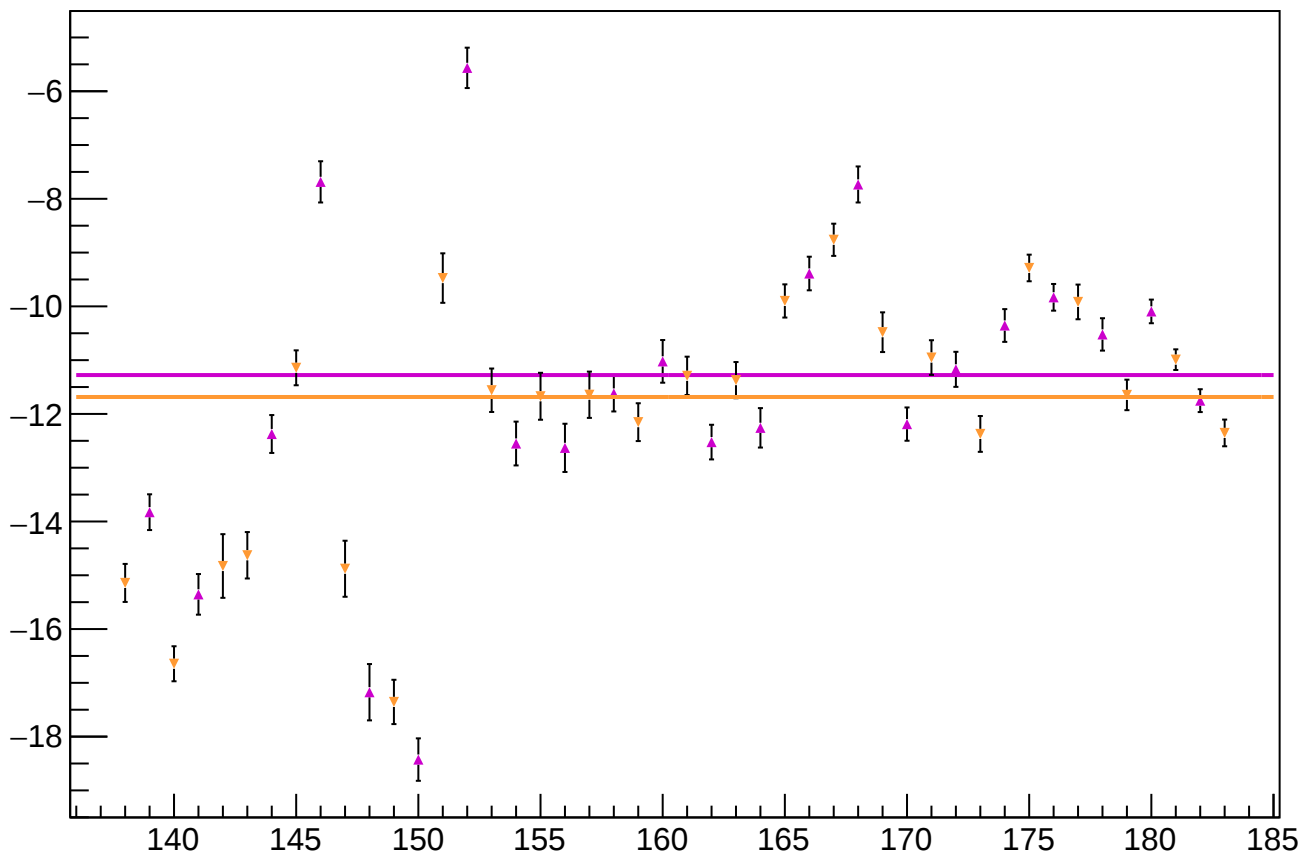
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.474 ± 0.007 χ^2/NDF : 2109.2/38

Out: -0.515 ± 0.007 χ^2/NDF : 1910.0/41

All: -0.495 ± 0.005 χ^2/NDF : 4035.5/80

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



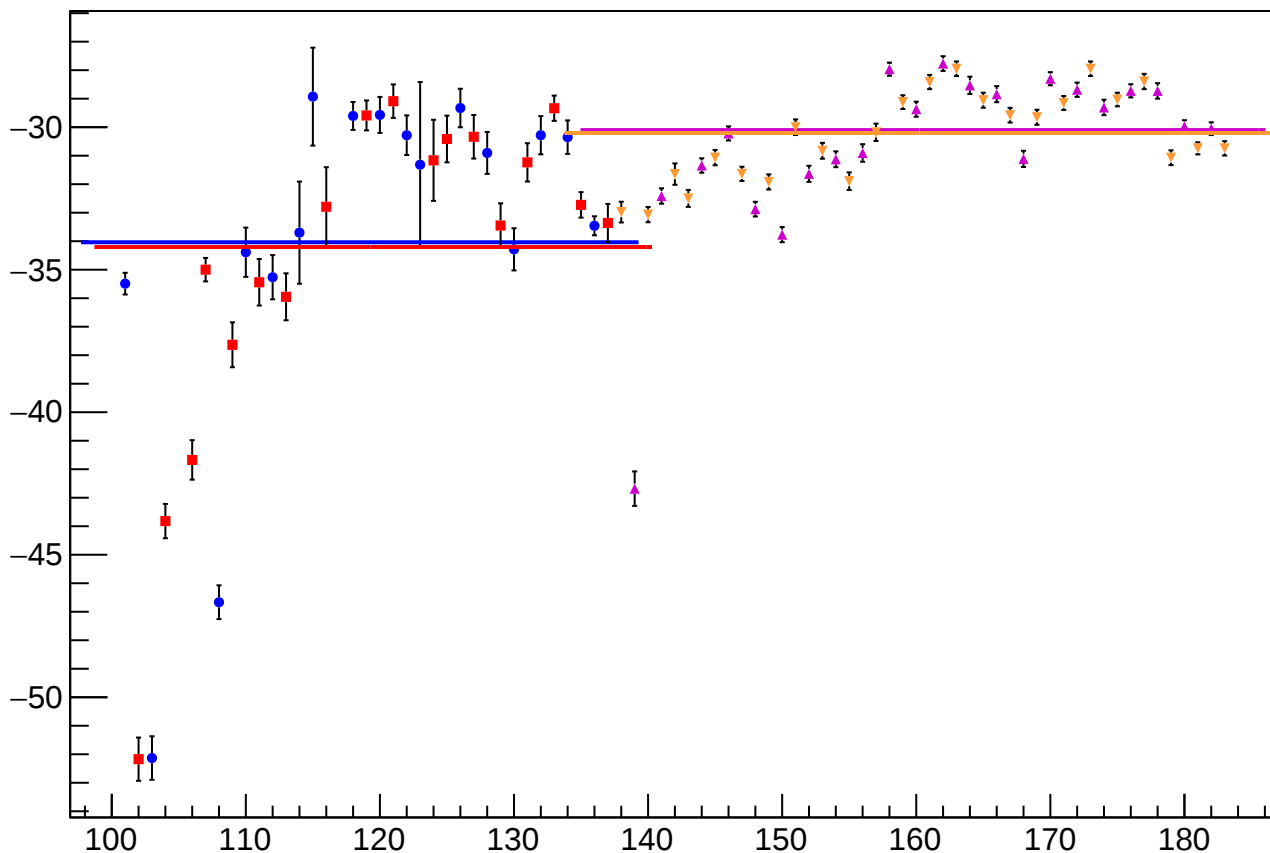
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -11.685 $\pm$ 0.067 χ^2/NDF :952.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -11.277 $\pm$ 0.069 χ^2/NDF :1242.5/21

Left: -11.485 $\pm$ 0.048 χ^2/NDF : 2213.3/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.277 $\pm$ 0.069 χ^2/NDF :1242.5/21
 Out: -11.685 $\pm$ 0.067 χ^2/NDF :952.8/23

All: -11.485 $\pm$ 0.048 χ^2/NDF : 2213.3/45

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: -30.203 ± 0.054 χ^2/NDF : 732.5/23

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.102 ± 0.056 χ^2/NDF : 1280.5/21

Left: -30.154 ± 0.039 χ^2/NDF : 2014.8/45

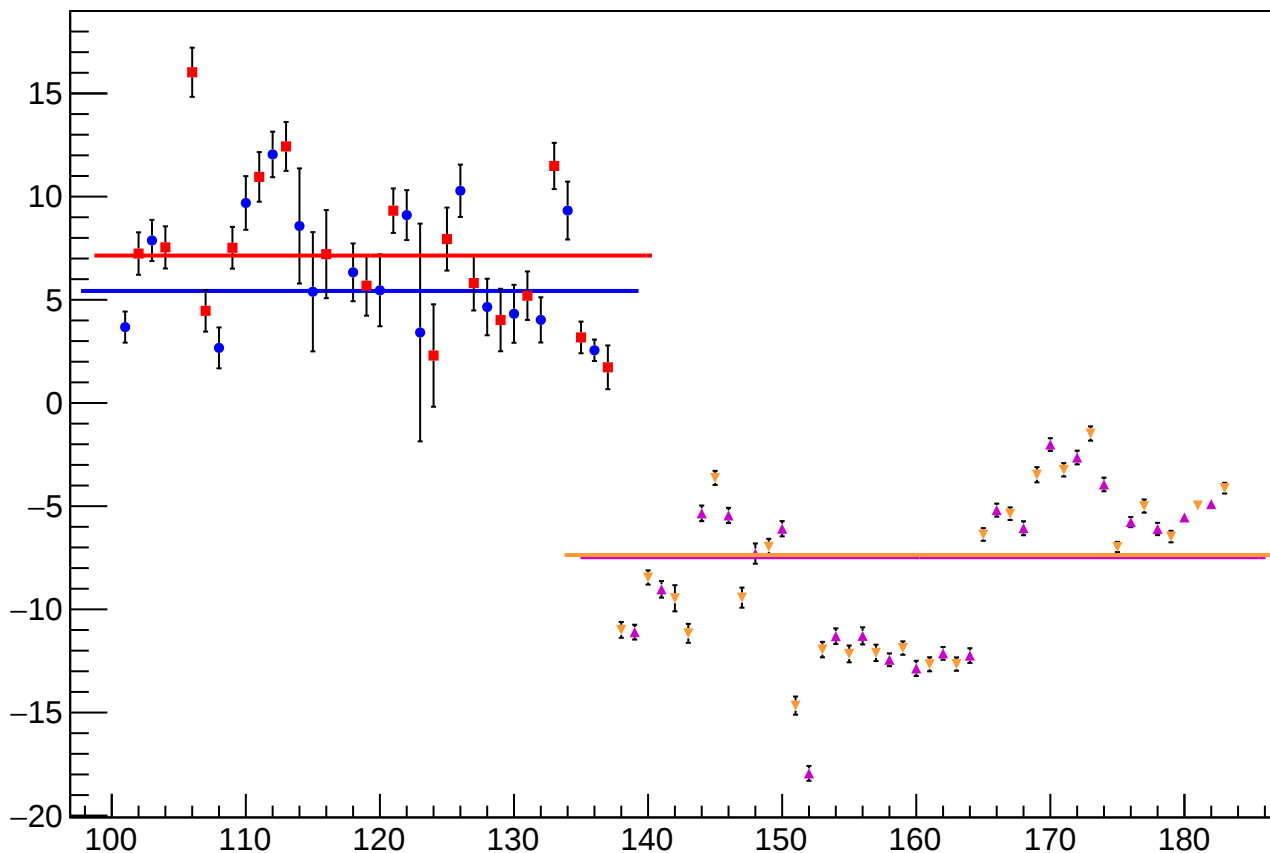
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.578 ± 0.052 χ^2/NDF : 3221.6/38

Out: -30.663 ± 0.051 χ^2/NDF : 2676.4/41

All: -30.622 ± 0.037 χ^2/NDF : 5899.3/80

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: -7.369 ± 0.068 χ^2/NDF : 2704.2/23

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -7.474 ± 0.069 χ^2/NDF : 3093.5/21

Left: -7.420 ± 0.048 χ^2/NDF : 5798.9/45

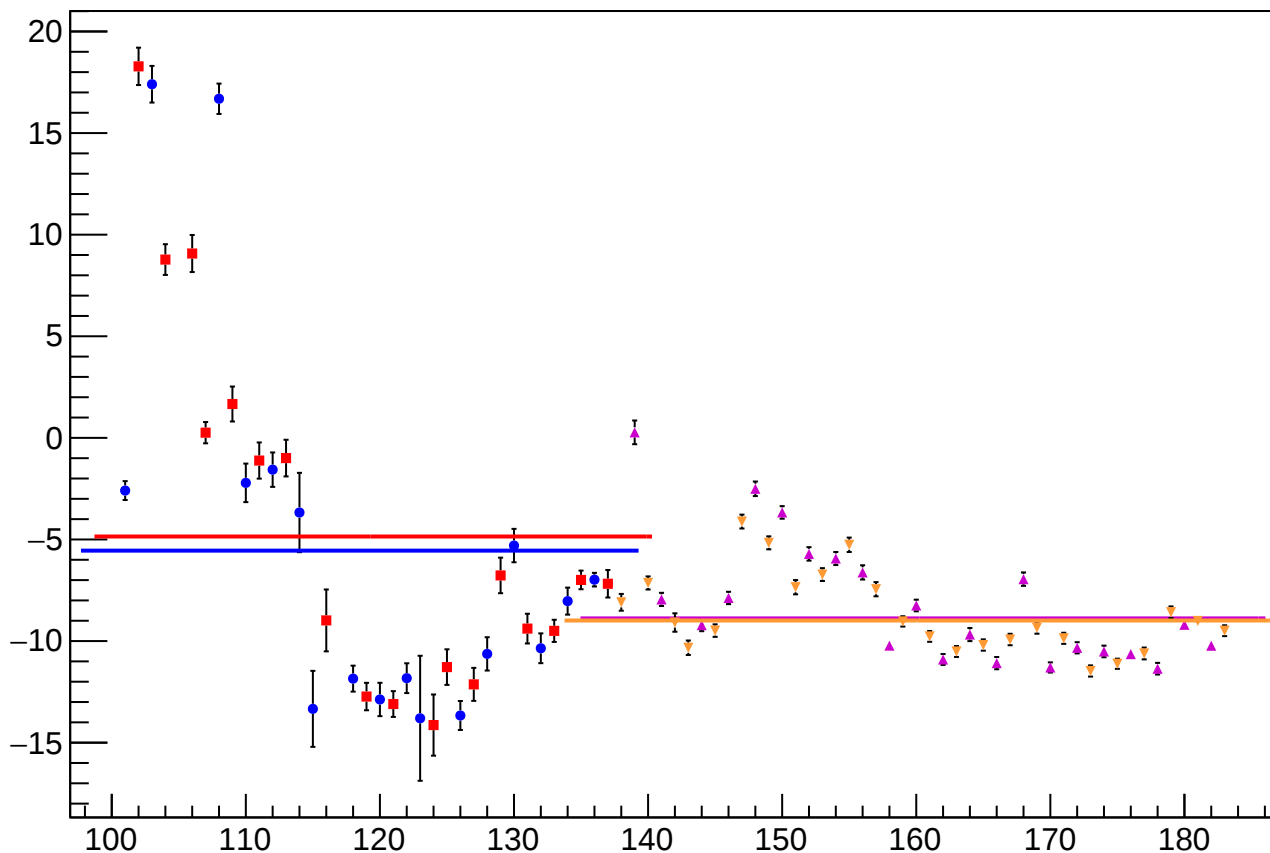
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -6.692 ± 0.066 χ^2/NDF : 5373.3/38

Out: -6.544 ± 0.066 χ^2/NDF : 5510.2/41

All: -6.617 ± 0.047 χ^2/NDF : 10886.0/80

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: -8.988 ± 0.061 χ^2/NDF : 874.0/23

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.884 ± 0.062 χ^2/NDF : 1582.0/21

Left: -8.937 ± 0.043 χ^2/NDF : 2457.4/45

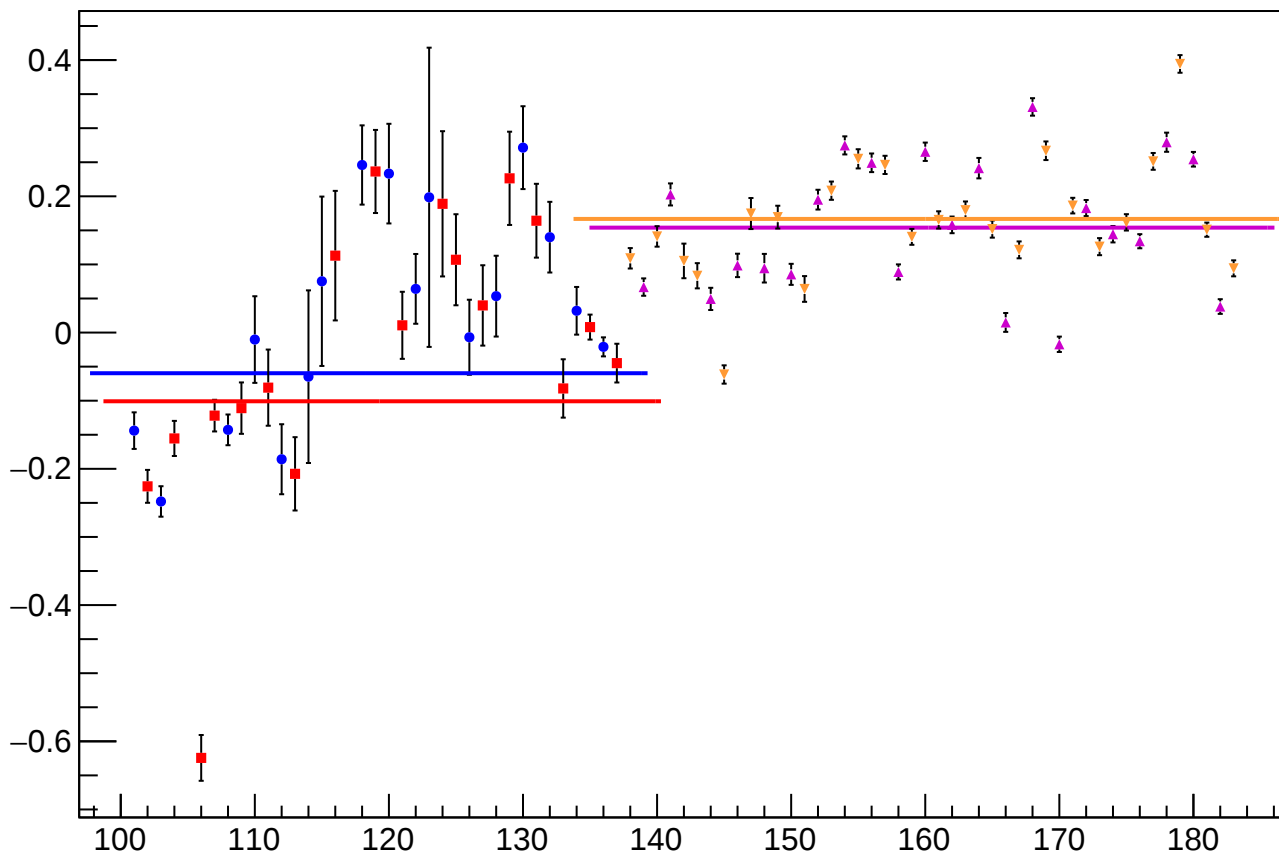
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.491 ± 0.058 χ^2/NDF : 4047.6/38

Out: -8.534 ± 0.057 χ^2/NDF : 3396.2/41

All: -8.513 ± 0.041 χ^2/NDF : 7444.1/80

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: 0.167 ± 0.003 χ^2/NDF : 930.6/23

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.154 ± 0.003 χ^2/NDF : 1226.0/21

Left: 0.160 ± 0.002 χ^2/NDF : 2167.3/45

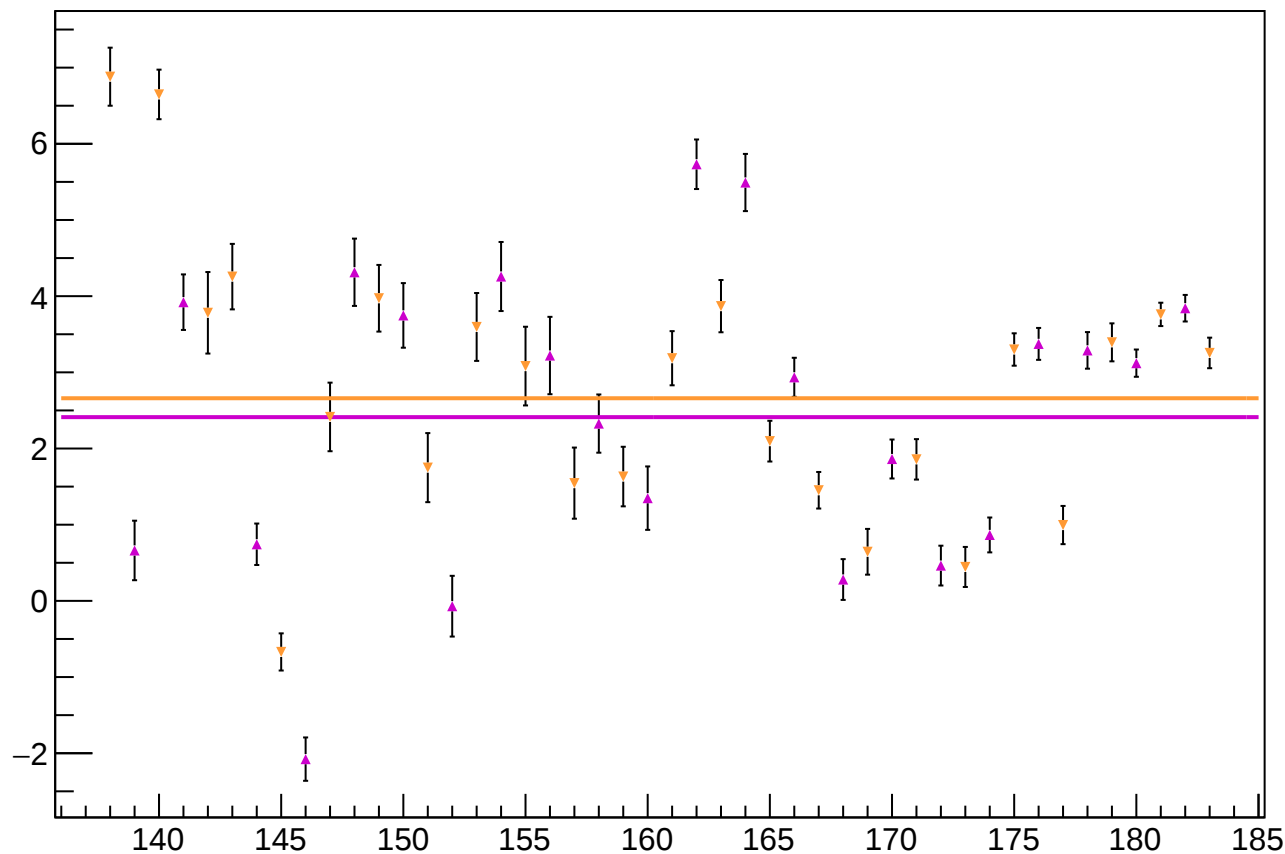
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.133 ± 0.003 χ^2/NDF : 2026.4/38

Out: 0.141 ± 0.003 χ^2/NDF : 2266.9/41

All: 0.137 ± 0.002 χ^2/NDF : 4298.0/80

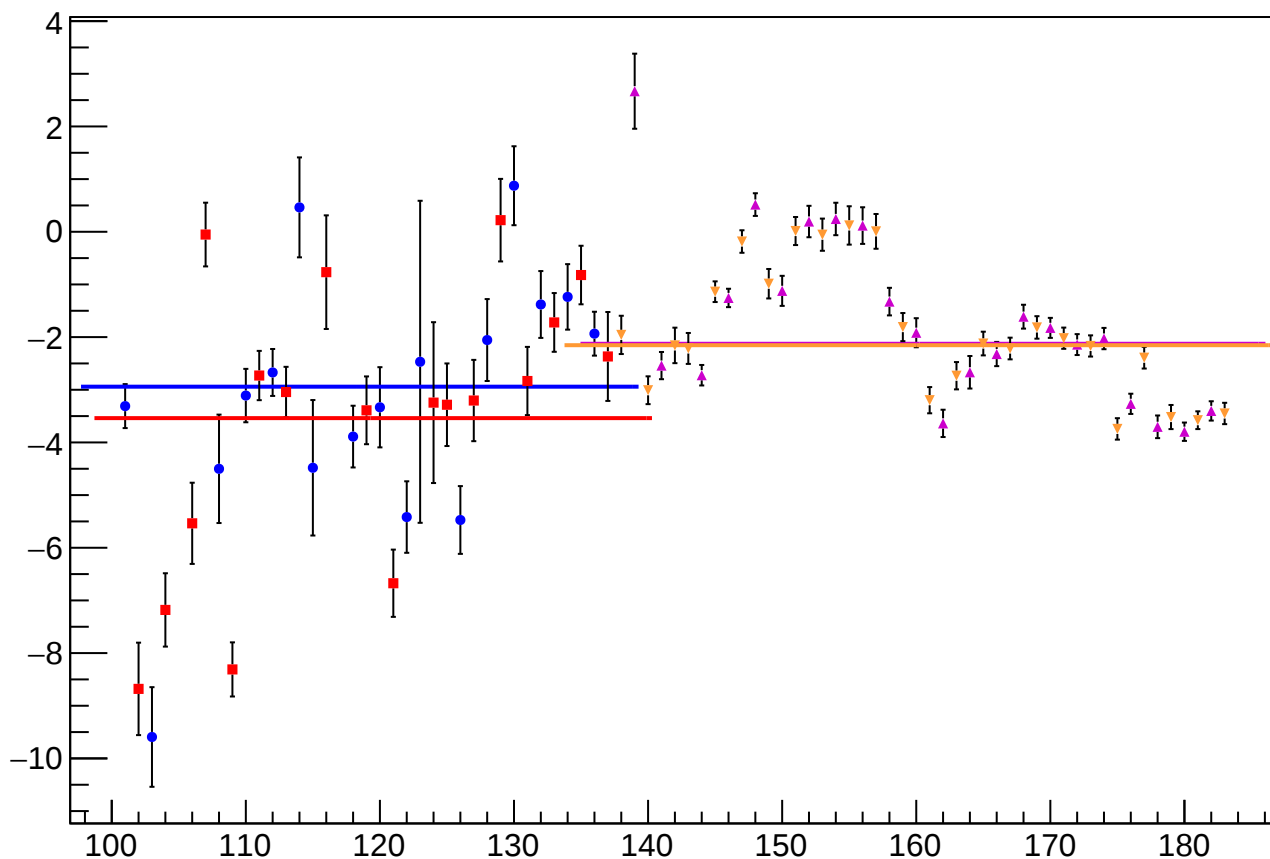
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.660 $\pm$ 0.059 χ^2 /NDF:800.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.412 $\pm$ 0.060 χ^2 /NDF:878.9/21

Left: 2.538 $\pm$ 0.042 χ^2 /NDF: 1687.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.412 $\pm$ 0.060 χ^2 /NDF:878.9/21
 Out: 2.660 $\pm$ 0.059 χ^2 /NDF:800.4/23
 All: 2.538 $\pm$ 0.042 χ^2 /NDF: 1687.9/45

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -2.154 ± 0.048 $\chi^2/\text{NDF}: 572.4/23$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -2.127 ± 0.049 $\chi^2/\text{NDF}: 691.5/21$

Left: -2.140 ± 0.034 $\chi^2/\text{NDF}: 1264.0/45$

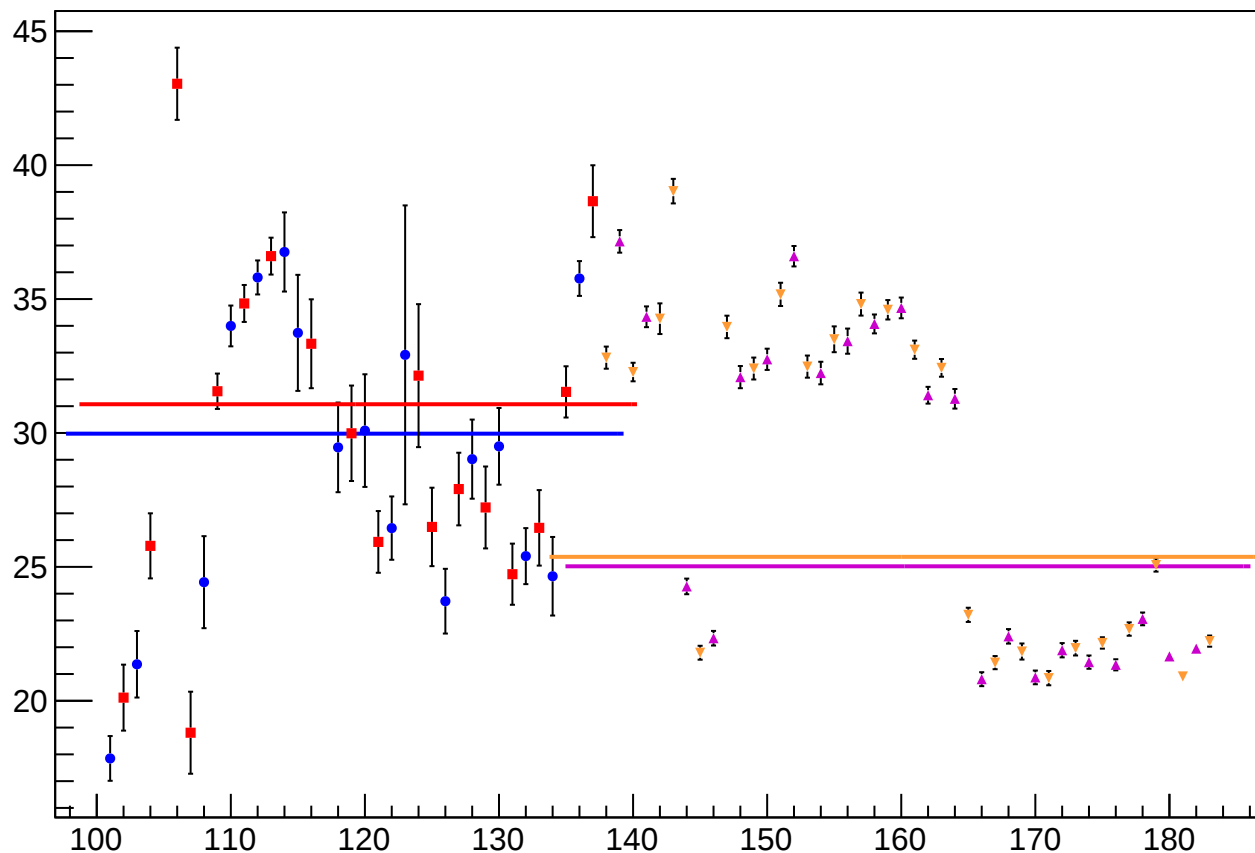
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -2.201 ± 0.046 $\chi^2/\text{NDF}: 862.4/38$

Out: -2.276 ± 0.046 $\chi^2/\text{NDF}: 929.0/41$

All: -2.239 ± 0.033 $\chi^2/\text{NDF}: 1792.8/80$

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: 25.375 $\pm$ 0.060 χ^2 /NDF: 8207.2/23

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 25.022 $\pm$ 0.060 χ^2 /NDF: 7688.5/21

Left: 25.200 $\pm$ 0.042 χ^2 /NDF: 15913.1/45

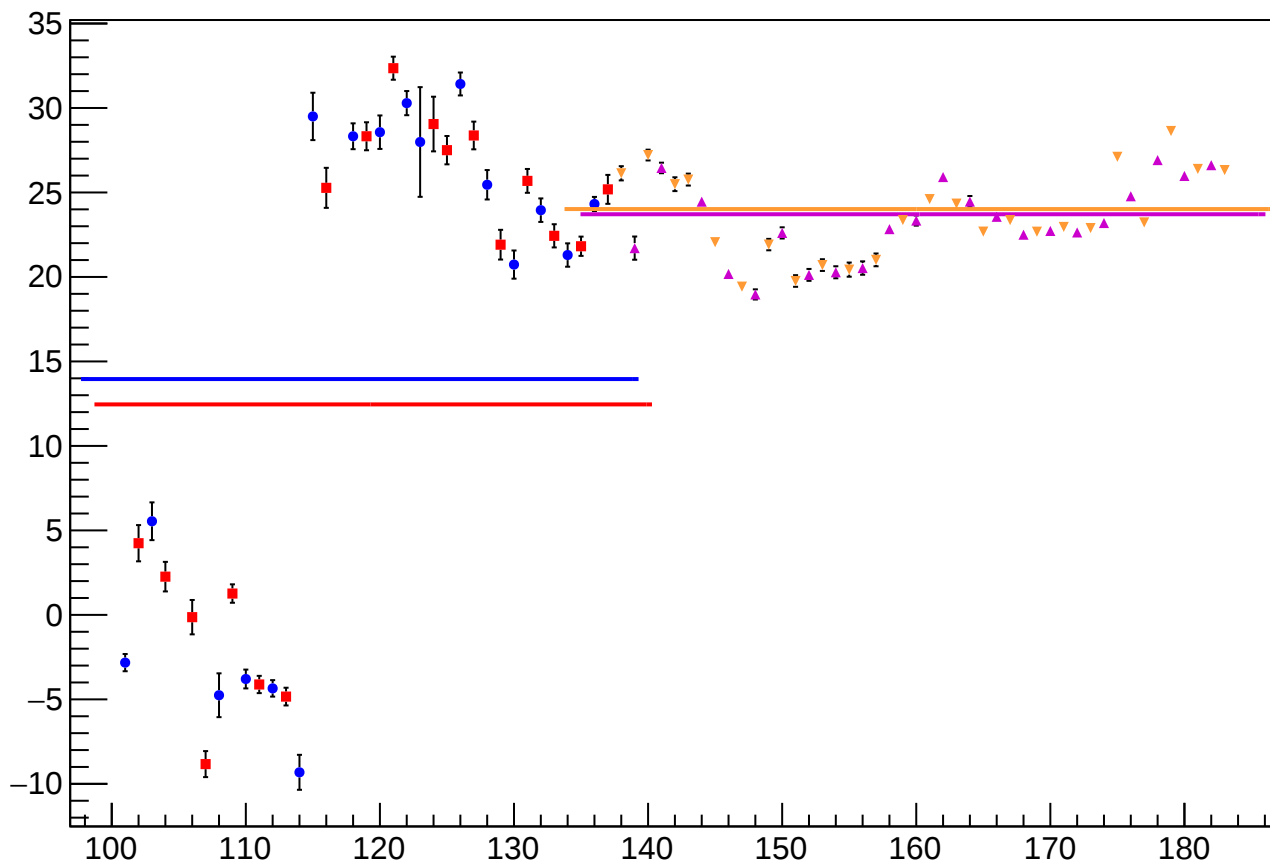
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 25.261 $\pm$ 0.059 χ^2 /NDF: 8569.3/38

Out: 25.659 $\pm$ 0.058 χ^2 /NDF: 9115.4/41

All: 25.462 $\pm$ 0.041 χ^2 /NDF: 17707.8/80

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 24.018 $\pm$ 0.054 χ^2 /NDF:1880.6/23

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.711 $\pm$ 0.054 χ^2 /NDF:1629.4/21

Left: 23.867 $\pm$ 0.038 χ^2 /NDF: 3526.1/45

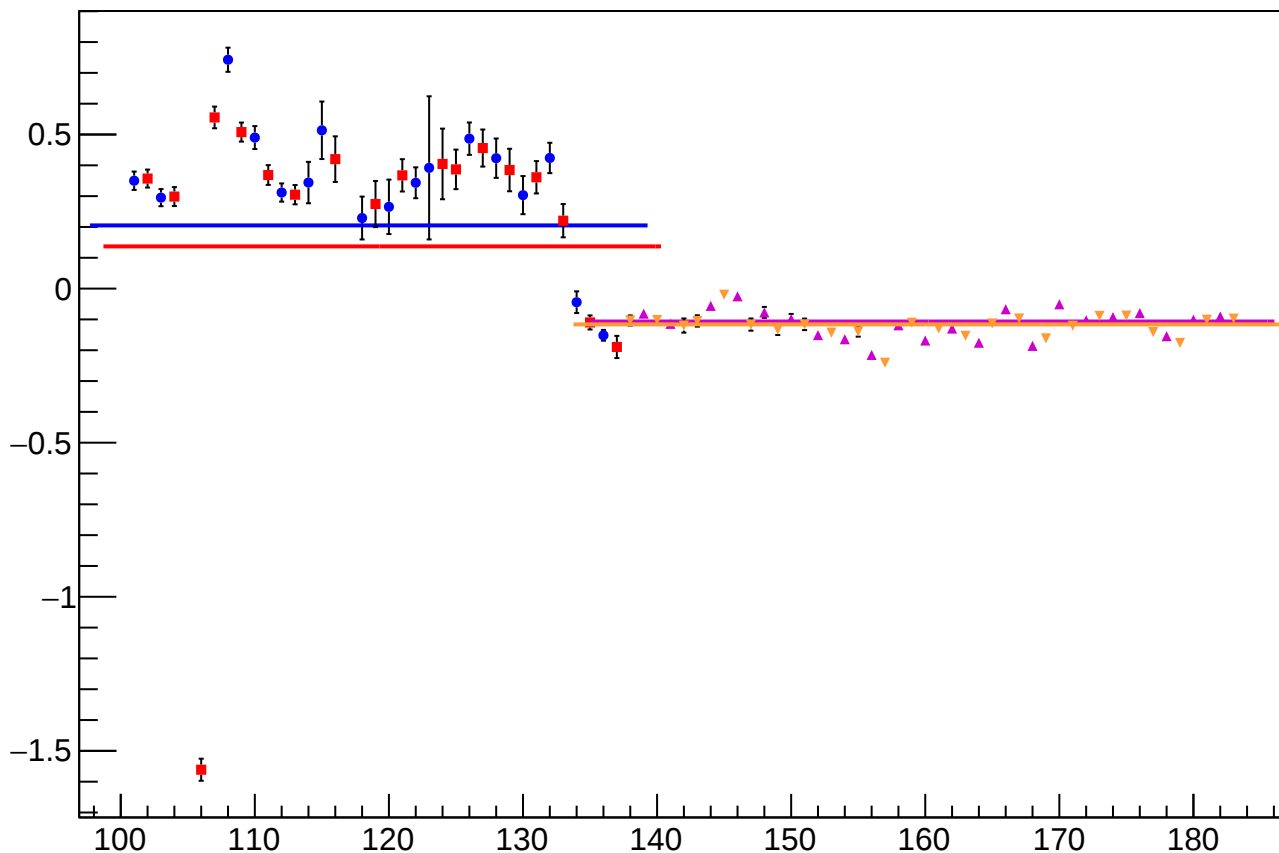
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.825 $\pm$ 0.052 χ^2 /NDF:11891.4/38

Out: 23.005 $\pm$ 0.051 χ^2 /NDF:12900.6/41

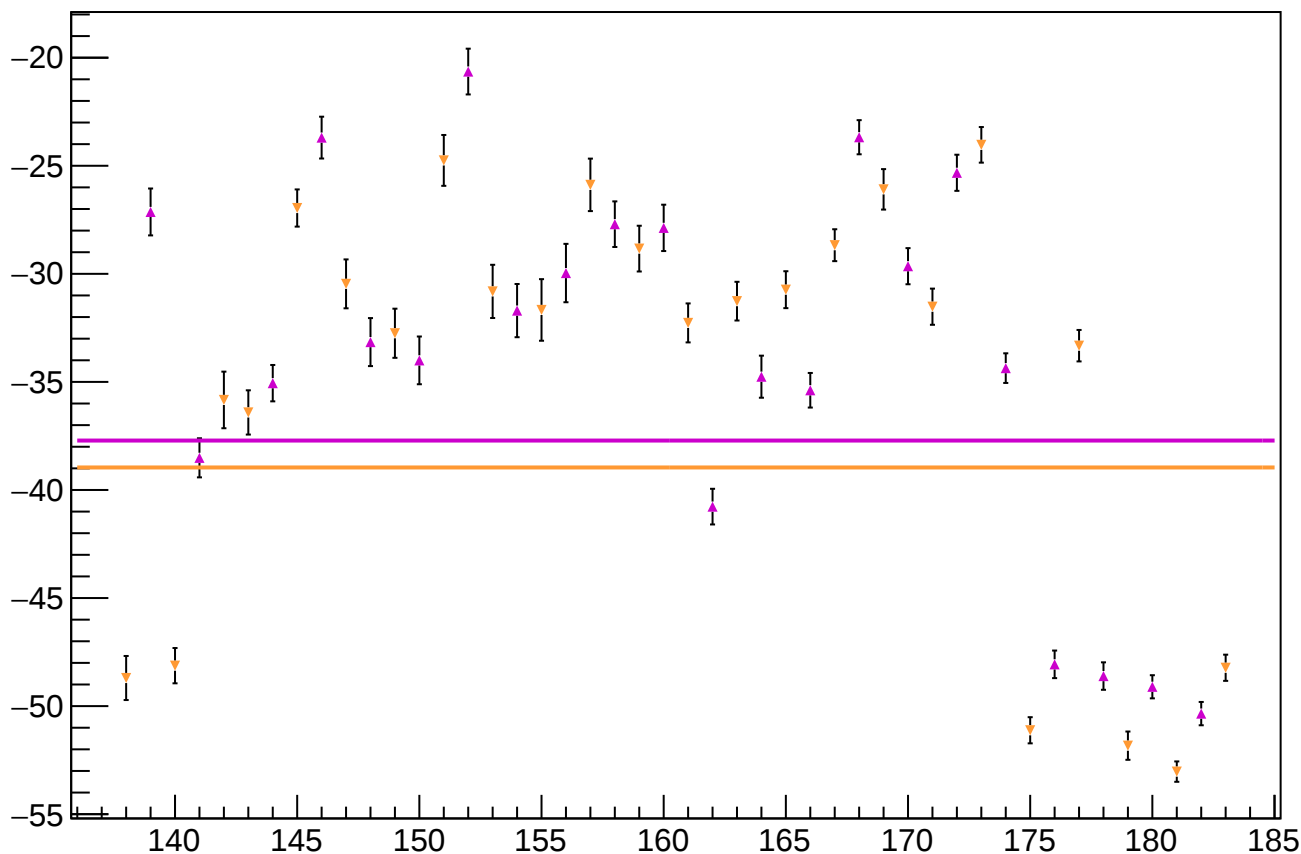
All: 22.916 $\pm$ 0.037 χ^2 /NDF: 24798.1/80

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -0.112 +/- 0.002 χ^2/NDF : 587.6/45
 Right: 0.170 +/- 0.007 χ^2/NDF : 3881.4/34
 In: -0.086 +/- 0.002 χ^2/NDF : 2203.1/38
 Out: -0.099 +/- 0.002 χ^2/NDF : 3970.2/41
 All: -0.093 +/- 0.002 χ^2/NDF : 6187.8/80

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: -38.959+/-0.171 χ^2 /NDF:3921.5/23

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -37.713+/-0.175 χ^2 /NDF:3077.7/21

Left: -38.352+/-0.122 χ^2 /NDF: 7025.1/45

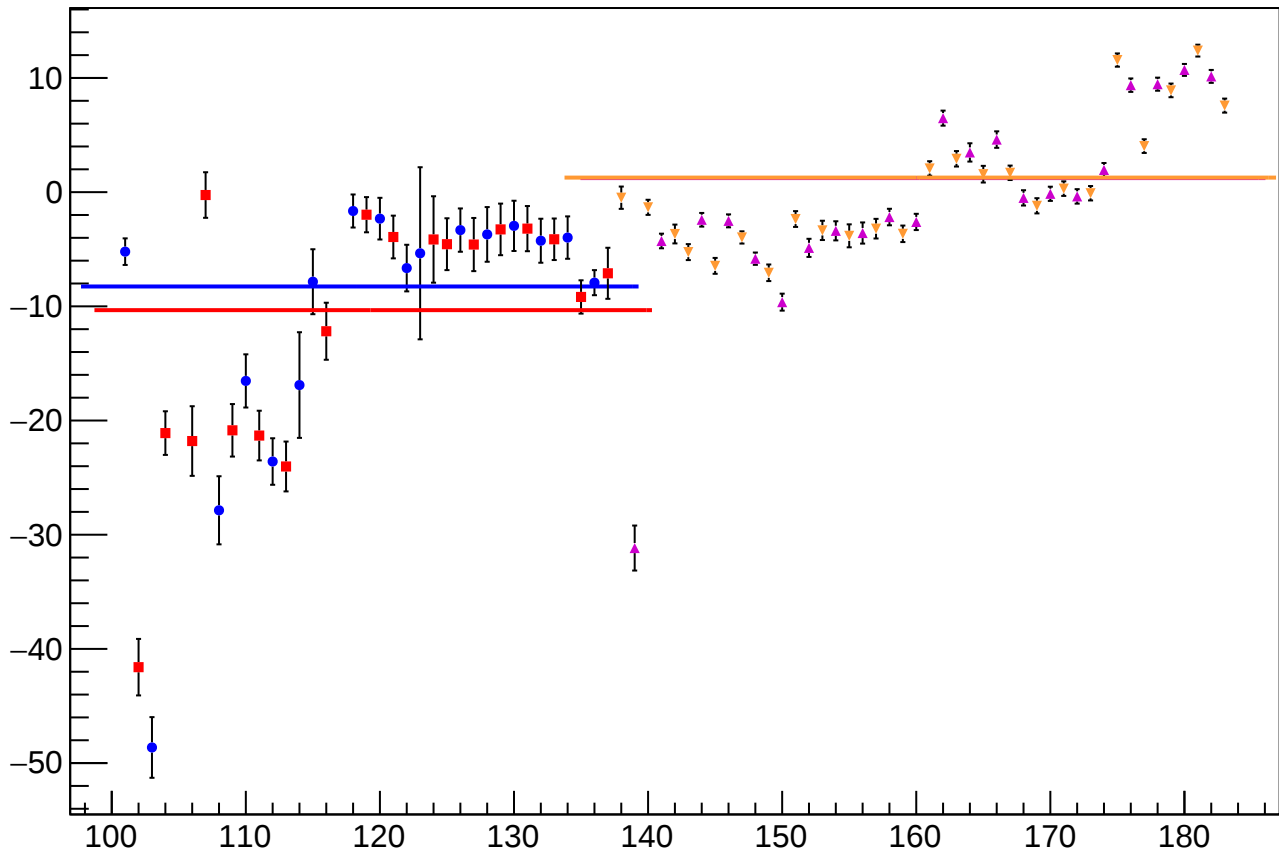
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: -37.713+/-0.175 χ^2 /NDF:3077.7/21

Out: -38.959+/-0.171 χ^2 /NDF:3921.5/23

All: -38.352+/-0.122 χ^2 /NDF: 7025.1/45

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 1.275 ± 0.137 χ^2/NDF : 1737.1/23

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: 1.232 ± 0.141 χ^2/NDF : 2061.9/21

Left: 1.254 ± 0.098 χ^2/NDF : 3799.0/45

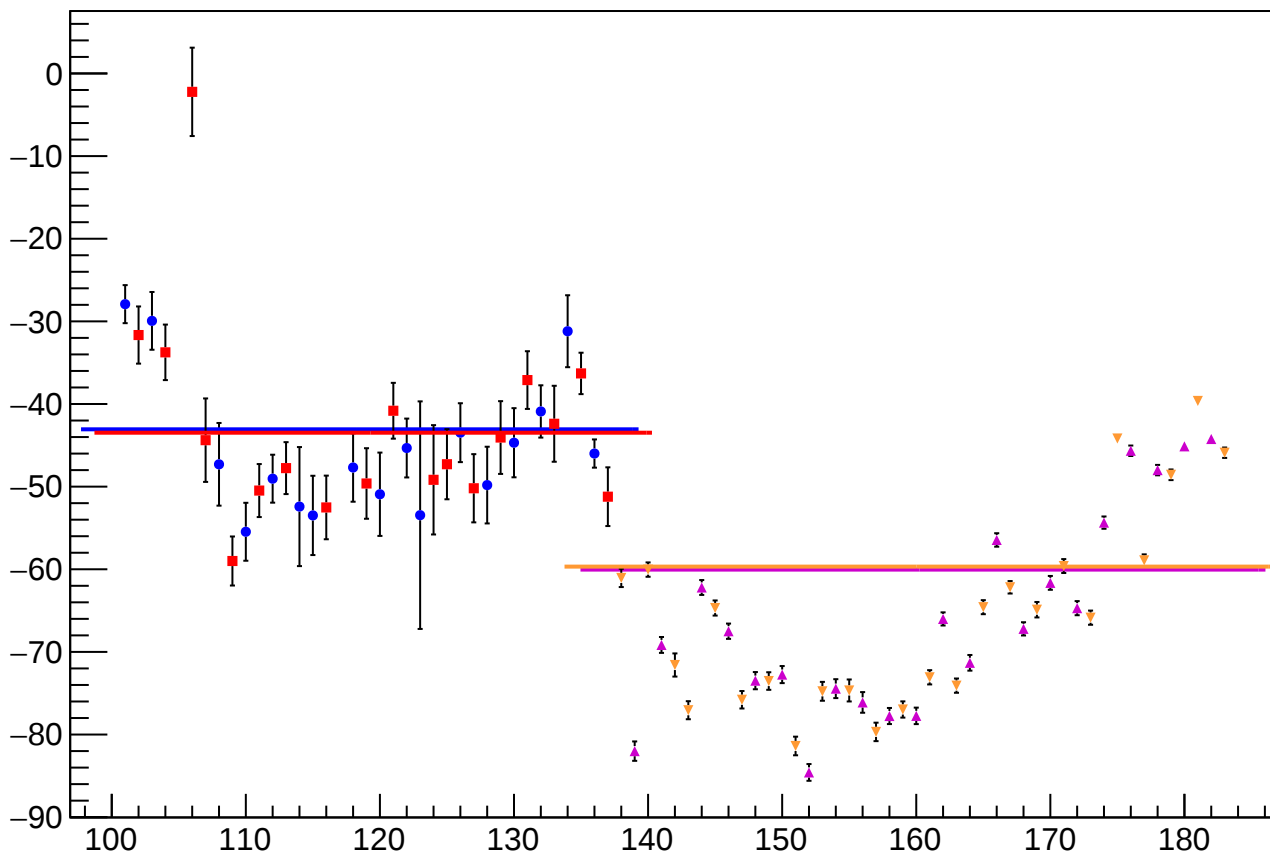
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: 0.426 ± 0.135 χ^2/NDF : 2859.1/38

Out: 0.435 ± 0.132 χ^2/NDF : 2666.2/41

All: 0.431 ± 0.094 χ^2/NDF : 5525.4/80

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: -59.678 ± 0.172 $\chi^2/\text{NDF}: 5816.9/23$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -60.039 ± 0.175 $\chi^2/\text{NDF}: 5238.7/21$

Left: -59.855 ± 0.123 $\chi^2/\text{NDF}: 11057.8/45$

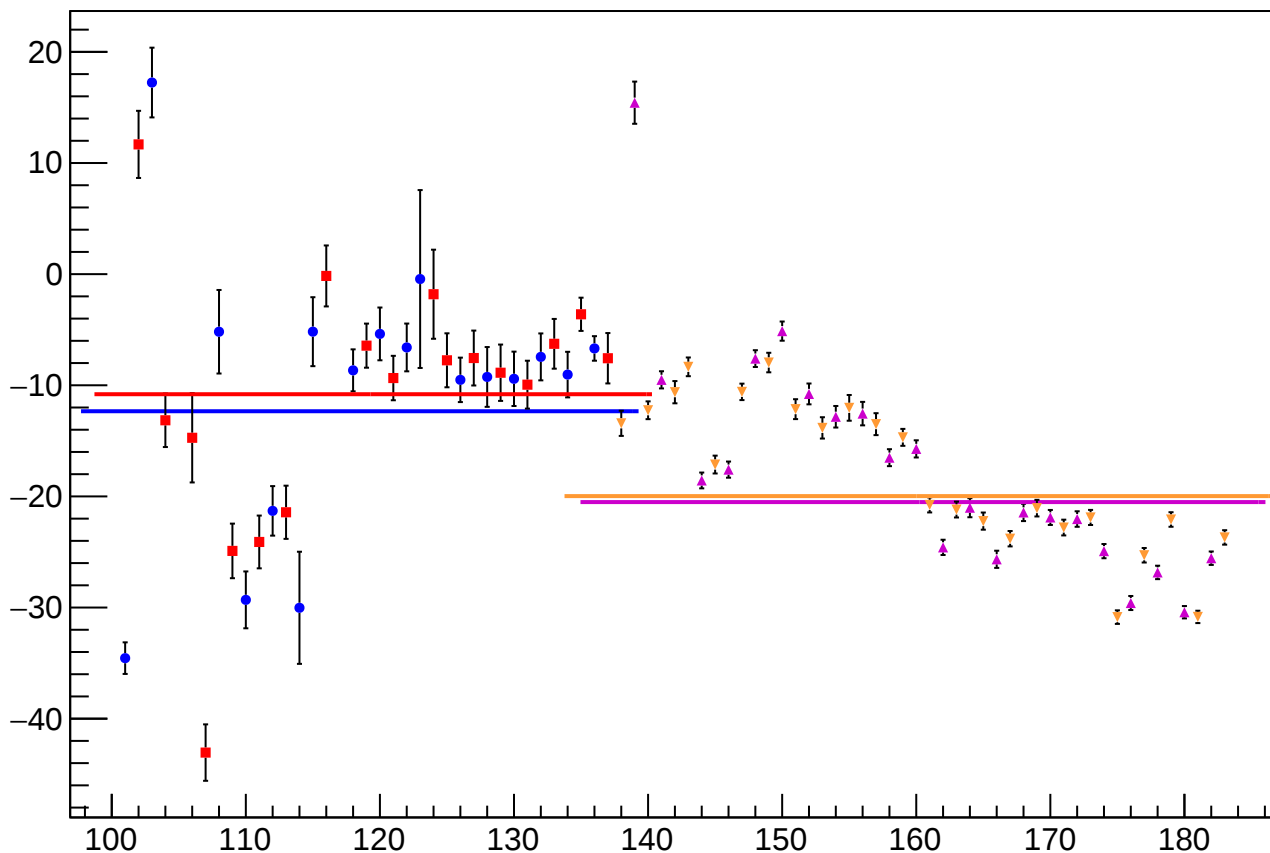
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -59.325 ± 0.171 $\chi^2/\text{NDF}: 5733.4/38$

Out: -59.068 ± 0.169 $\chi^2/\text{NDF}: 6294.0/41$

All: -59.194 ± 0.120 $\chi^2/\text{NDF}: 12028.6/80$

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: -19.973+/-0.154 χ^2/NDF : 1899.5/23

Right Out: -10.804+/-0.554 χ^2/NDF : 361.4/17

Left In: -20.511+/-0.158 χ^2/NDF : 2327.7/21

Left: -20.235+/-0.110 χ^2/NDF : 4233.1/45

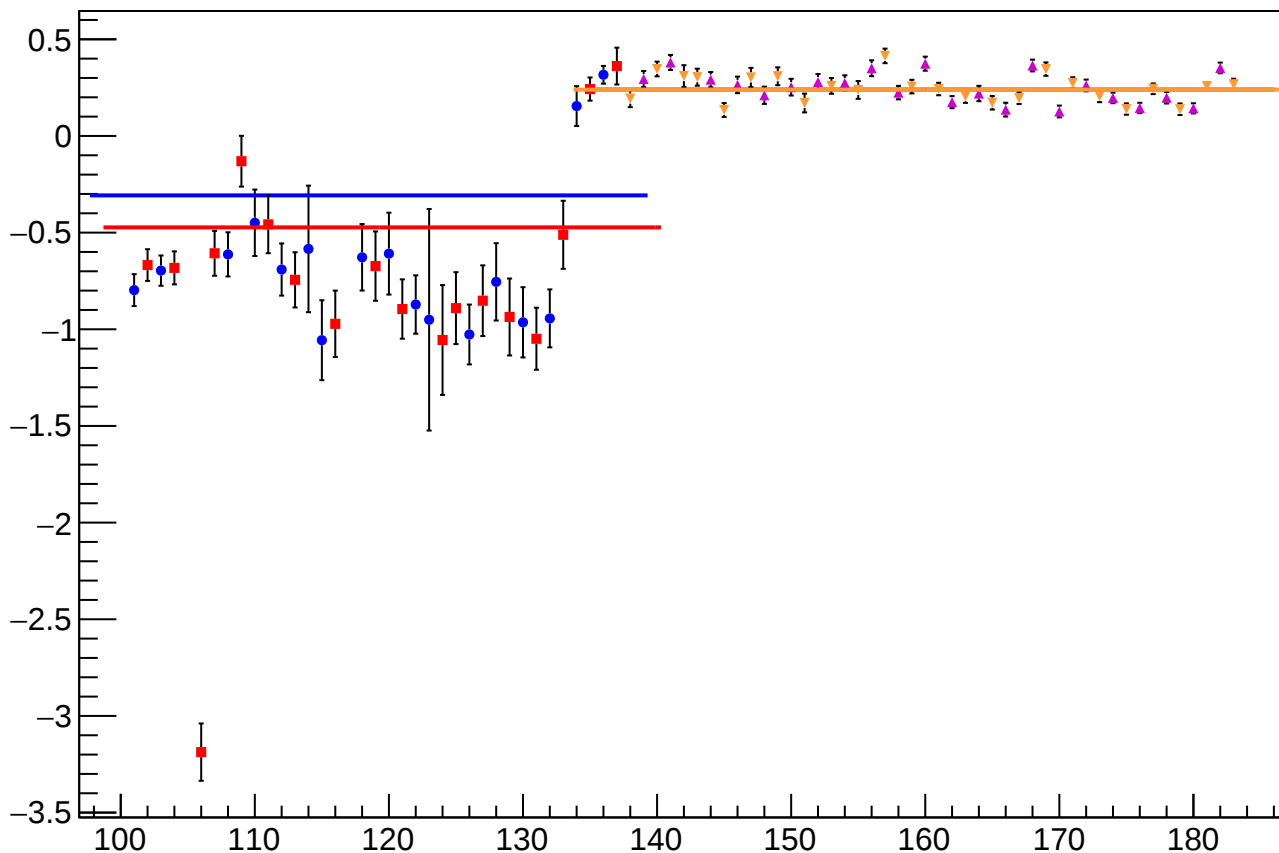
Right: -11.618+/-0.379 χ^2/NDF : 840.6/34

In: -19.821+/-0.151 χ^2/NDF : 3028.8/38

Out: -19.313+/-0.149 χ^2/NDF : 2515.3/41

All: -19.563+/-0.106 χ^2/NDF : 5549.9/80

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: 0.240 ± 0.007 χ^2/NDF : 92.6/23

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.240 ± 0.007 χ^2/NDF : 131.2/21

Left: 0.240 ± 0.005 χ^2/NDF : 223.8/45

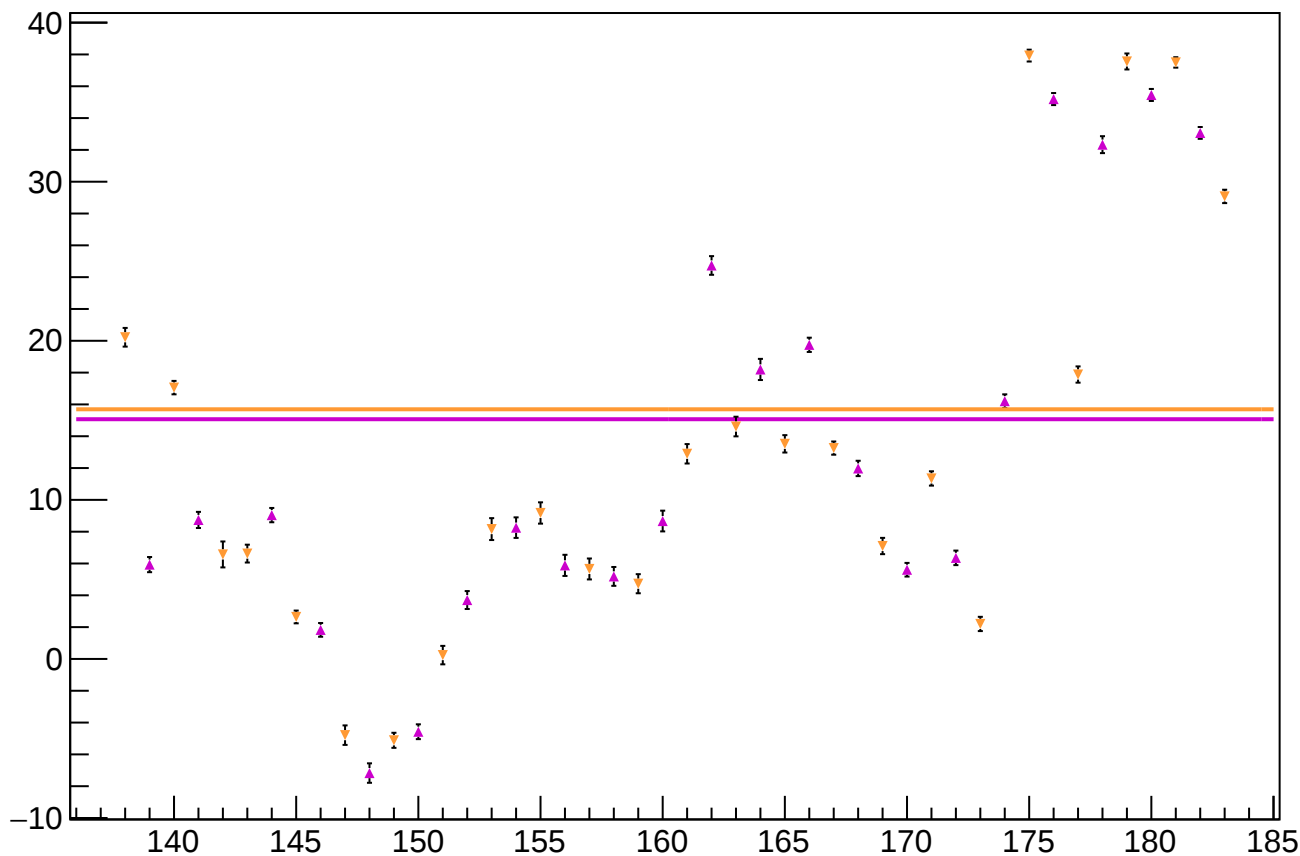
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.205 ± 0.007 χ^2/NDF : 873.5/38

Out: 0.198 ± 0.007 χ^2/NDF : 1302.8/41

All: 0.201 ± 0.005 χ^2/NDF : 2176.8/80

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: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.069 $\pm$ 0.103 χ^2 /NDF:16245.7/21

Left: 15.387 $\pm$ 0.072 χ^2 /NDF: 34574.2/45

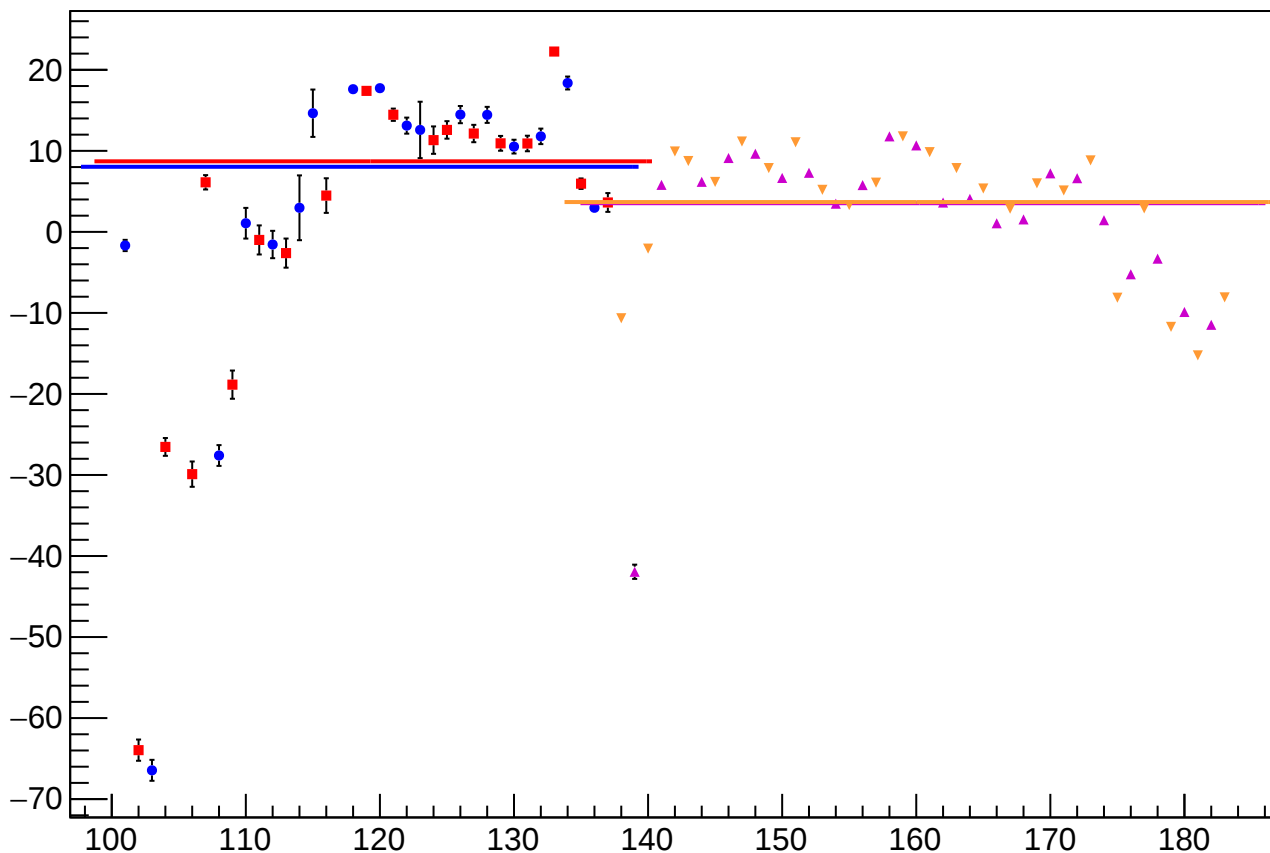
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.069 $\pm$ 0.103 χ^2 /NDF:16245.7/21

Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

All: 15.387 $\pm$ 0.072 χ^2 /NDF: 34574.2/45

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: 3.682 ± 0.079 $\chi^2/\text{NDF}: 9210.4/23$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 3.539 ± 0.082 $\chi^2/\text{NDF}: 8374.9/21$

Left: 3.612 ± 0.057 $\chi^2/\text{NDF}: 17586.9/45$

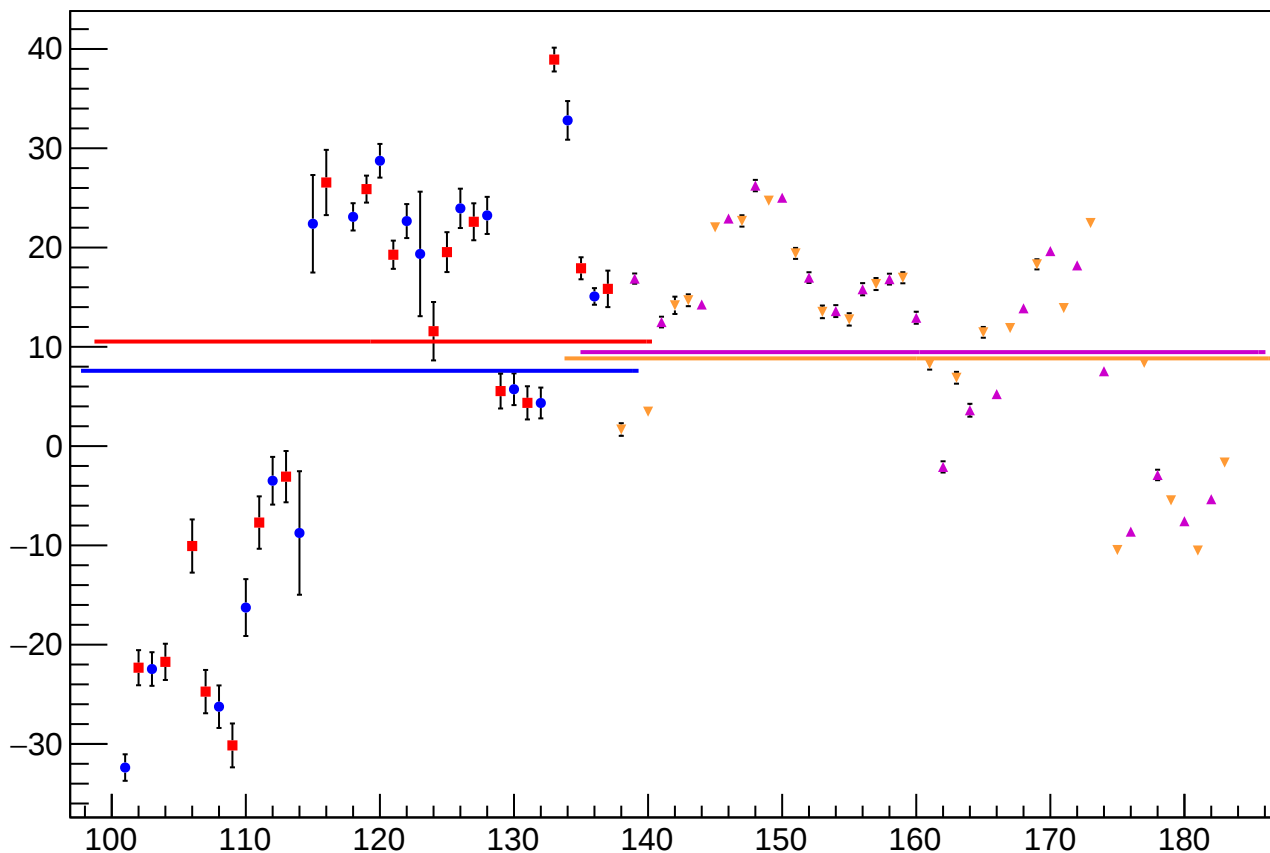
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 4.103 ± 0.076 $\chi^2/\text{NDF}: 14126.5/38$

Out: 4.294 ± 0.074 $\chi^2/\text{NDF}: 15988.8/41$

All: 4.201 ± 0.053 $\chi^2/\text{NDF}: 30118.5/80$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 8.834 ± 0.102 $\chi^2/\text{NDF}: 12790.4/23$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 9.467 ± 0.103 $\chi^2/\text{NDF}: 12068.5/21$

Left: 9.146 ± 0.072 $\chi^2/\text{NDF}: 24877.9/45$

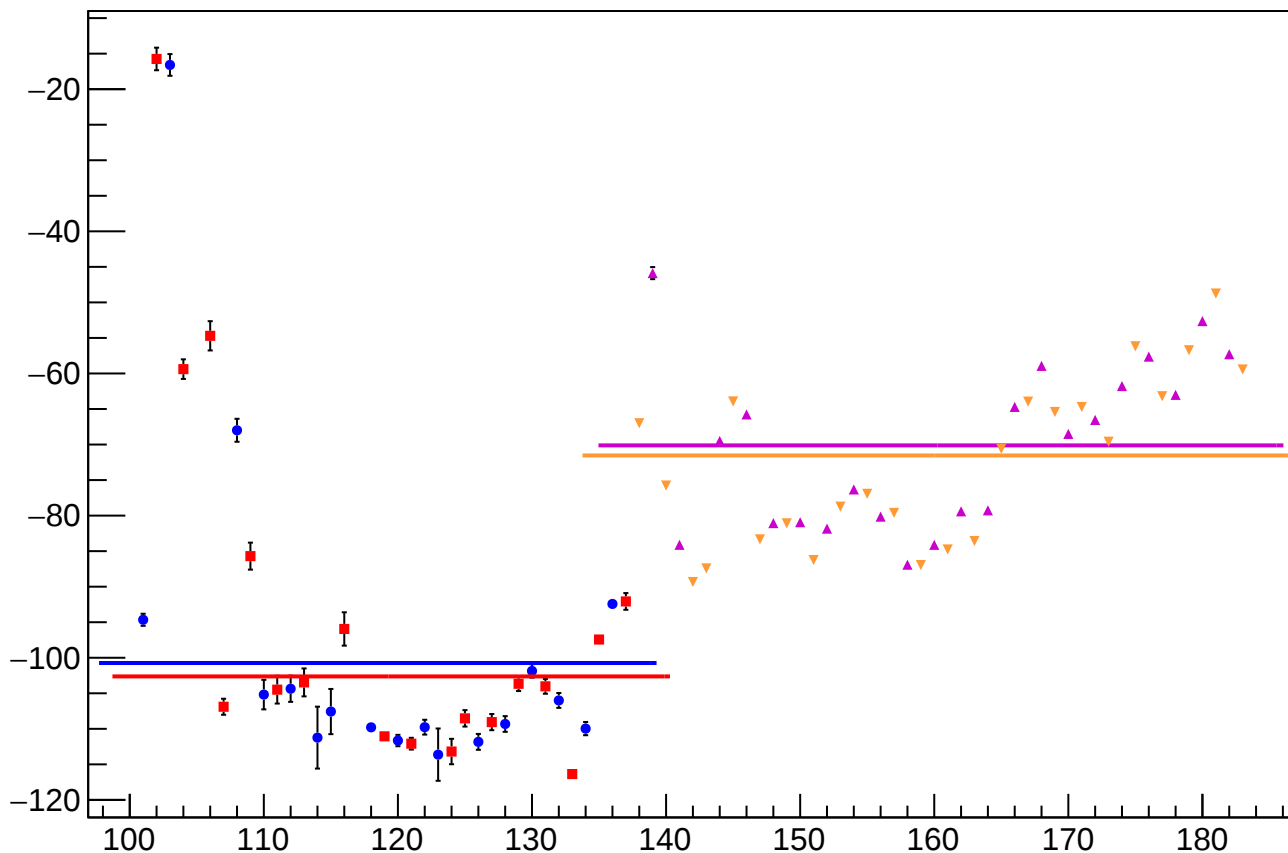
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 9.358 ± 0.100 $\chi^2/\text{NDF}: 14410.5/38$

Out: 8.929 ± 0.099 $\chi^2/\text{NDF}: 15085.5/41$

All: 9.141 ± 0.070 $\chi^2/\text{NDF}: 29505.2/80$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -71.535 ± 0.090 χ^2/NDF : 16377.3/23

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -70.119 ± 0.092 χ^2/NDF : 13084.2/21

Left: -70.843 ± 0.064 χ^2/NDF : 29582.2/45

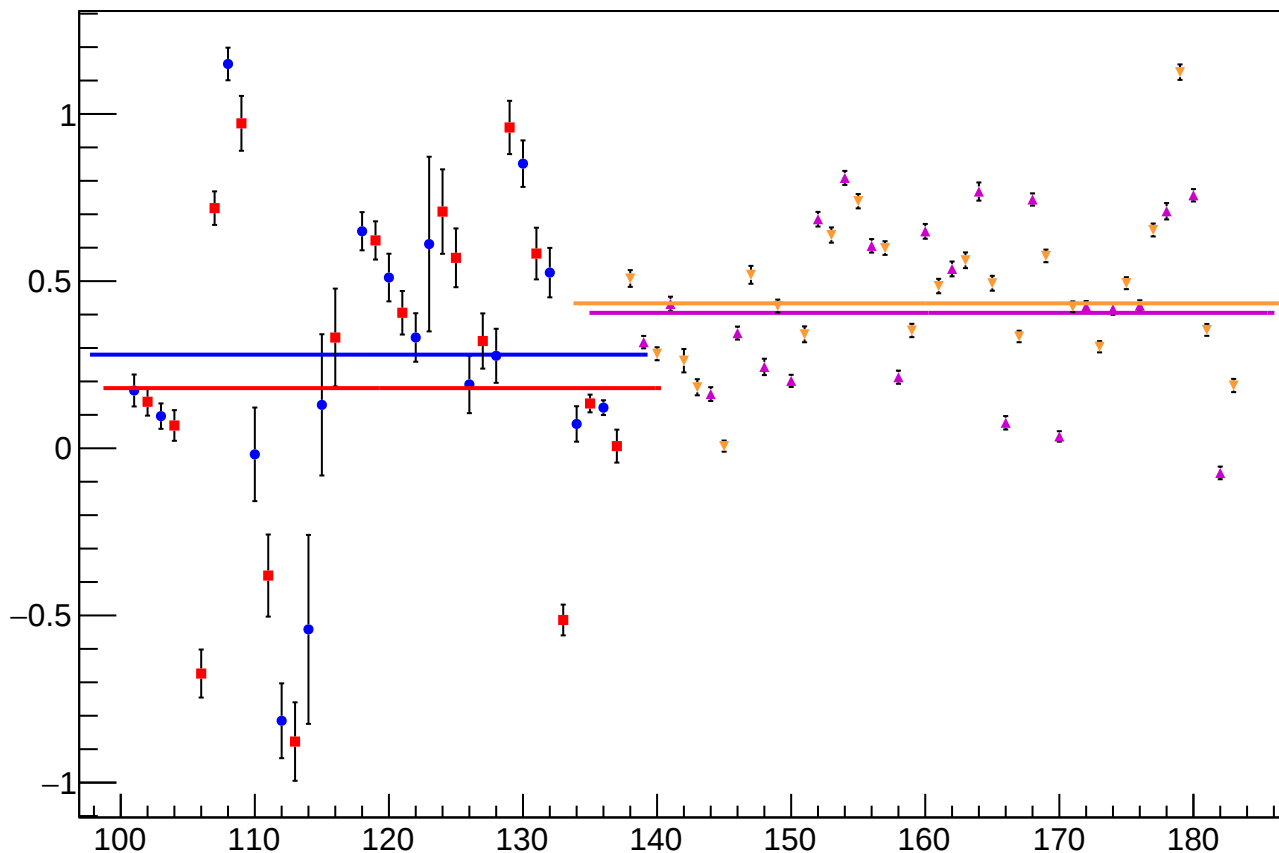
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -73.826 ± 0.086 χ^2/NDF : 30967.3/38

Out: -75.206 ± 0.085 χ^2/NDF : 36167.4/41

All: -74.531 ± 0.060 χ^2/NDF : 67264.9/80

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: 0.434 $\pm$ 0.004 χ^2/NDF :2645.5/23

Right Out: 0.180 $\pm$ 0.013 χ^2/NDF : 937.1/17

Left In: 0.405 $\pm$ 0.004 χ^2/NDF :3721.1/21

Left: 0.419 $\pm$ 0.003 χ^2/NDF : 6389.9/45

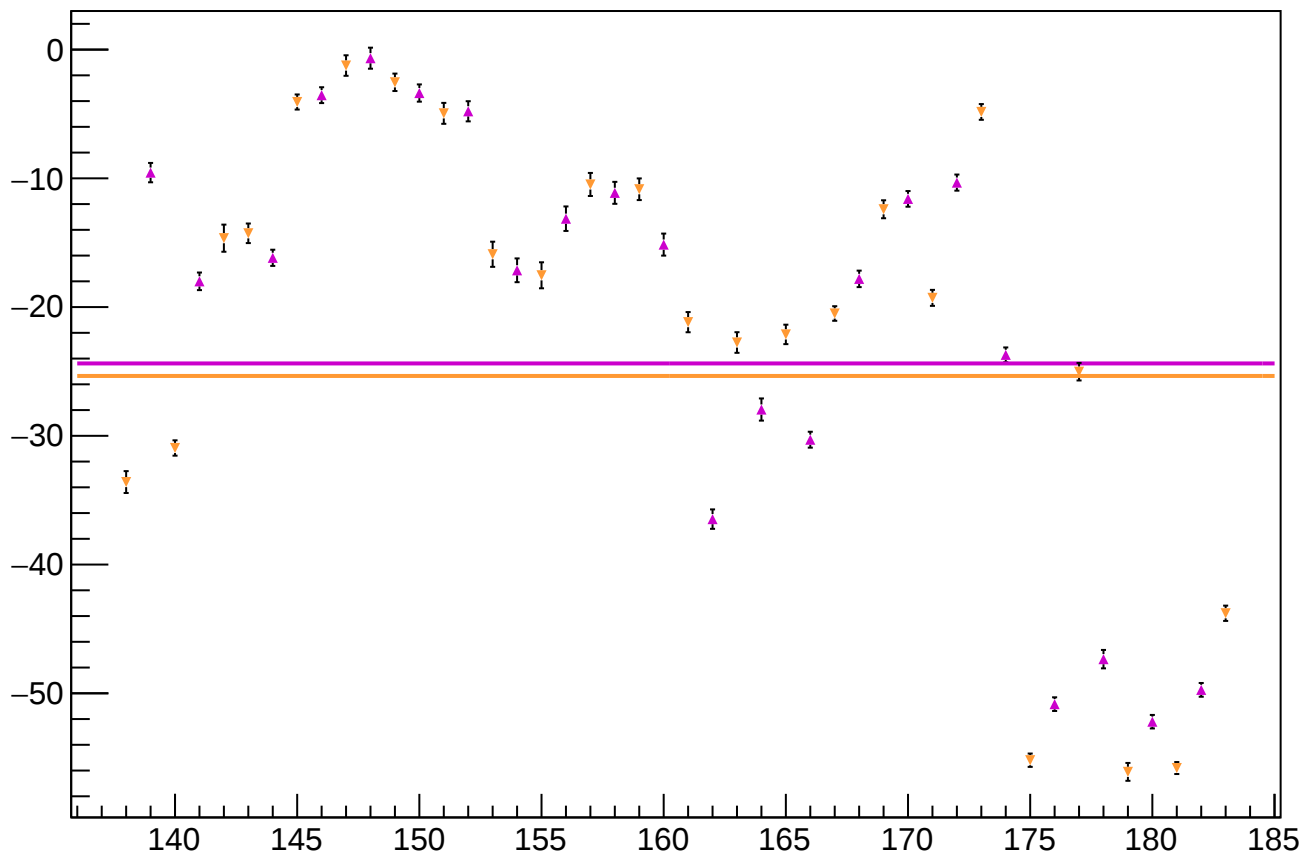
Right: 0.230 $\pm$ 0.010 χ^2/NDF : 1621.0/34

In: 0.394 $\pm$ 0.004 χ^2/NDF :4456.0/38

Out: 0.412 $\pm$ 0.004 χ^2/NDF :3905.7/41

All: 0.403 $\pm$ 0.003 χ^2/NDF : 8371.4/80

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: -25.350+/-0.141 χ^2/NDF :17453.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Left: -24.873+/-0.100 χ^2/NDF : 32271.8/45

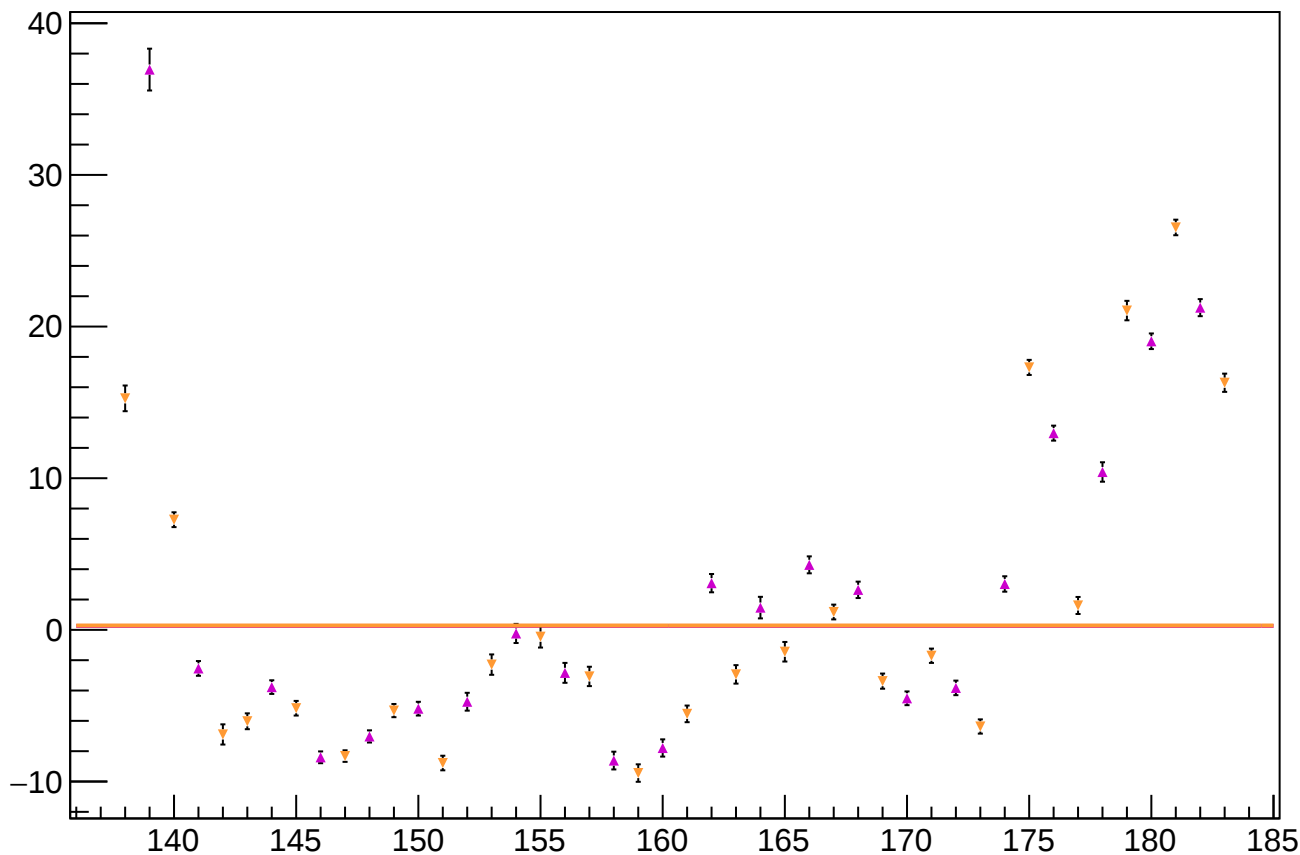
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

All: -24.873+/-0.100 χ^2/NDF : 32271.8/45

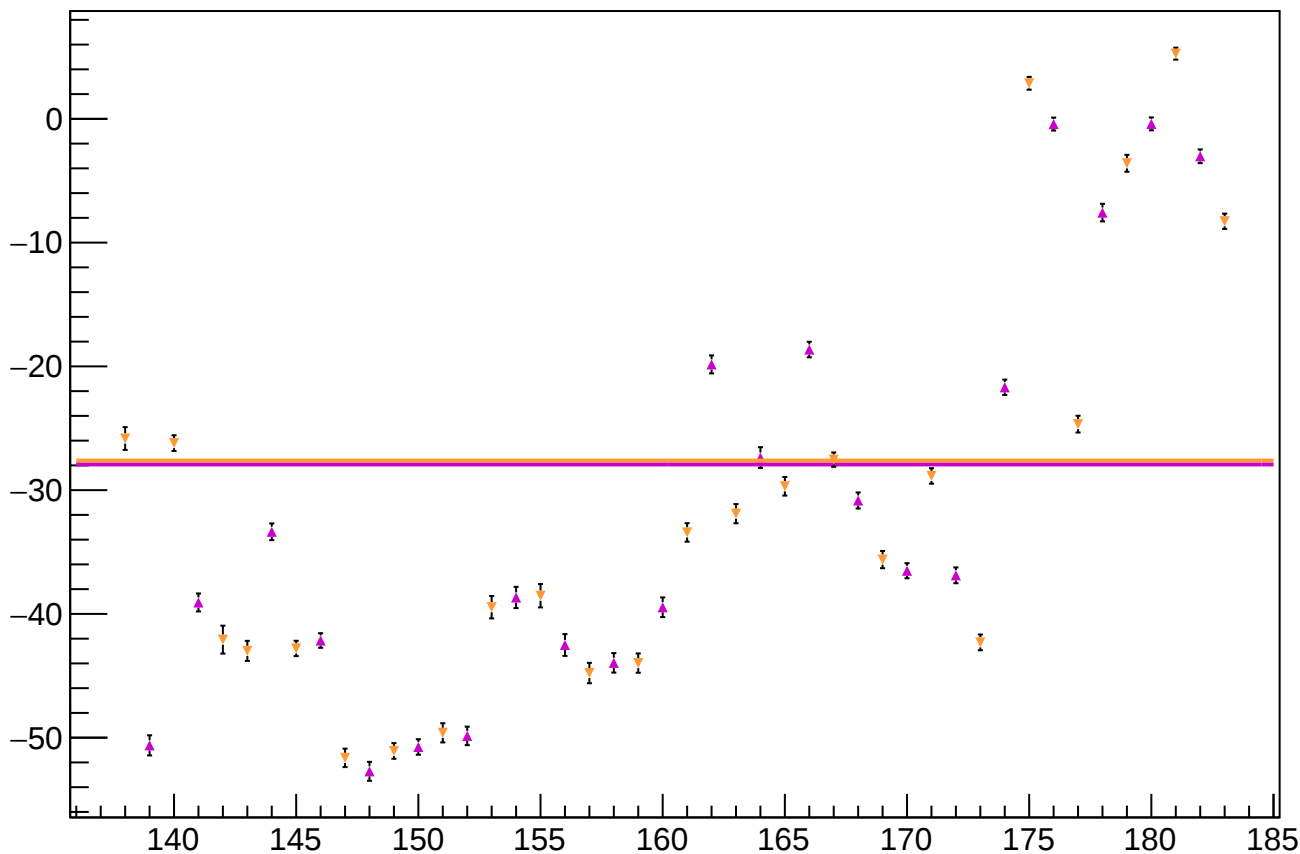
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.257+/-0.113 χ^2/NDF :6257.8/21

Left: 0.272+/-0.078 χ^2/NDF : 14491.1/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.257+/-0.113 χ^2/NDF :6257.8/21
 Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 All: 0.272+/-0.078 χ^2/NDF : 14491.1/45

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -27.609 $\pm$ 0.141 χ^2 /NDF:16616.3/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Left: -27.763 $\pm$ 0.100 χ^2 /NDF: 31772.1/45

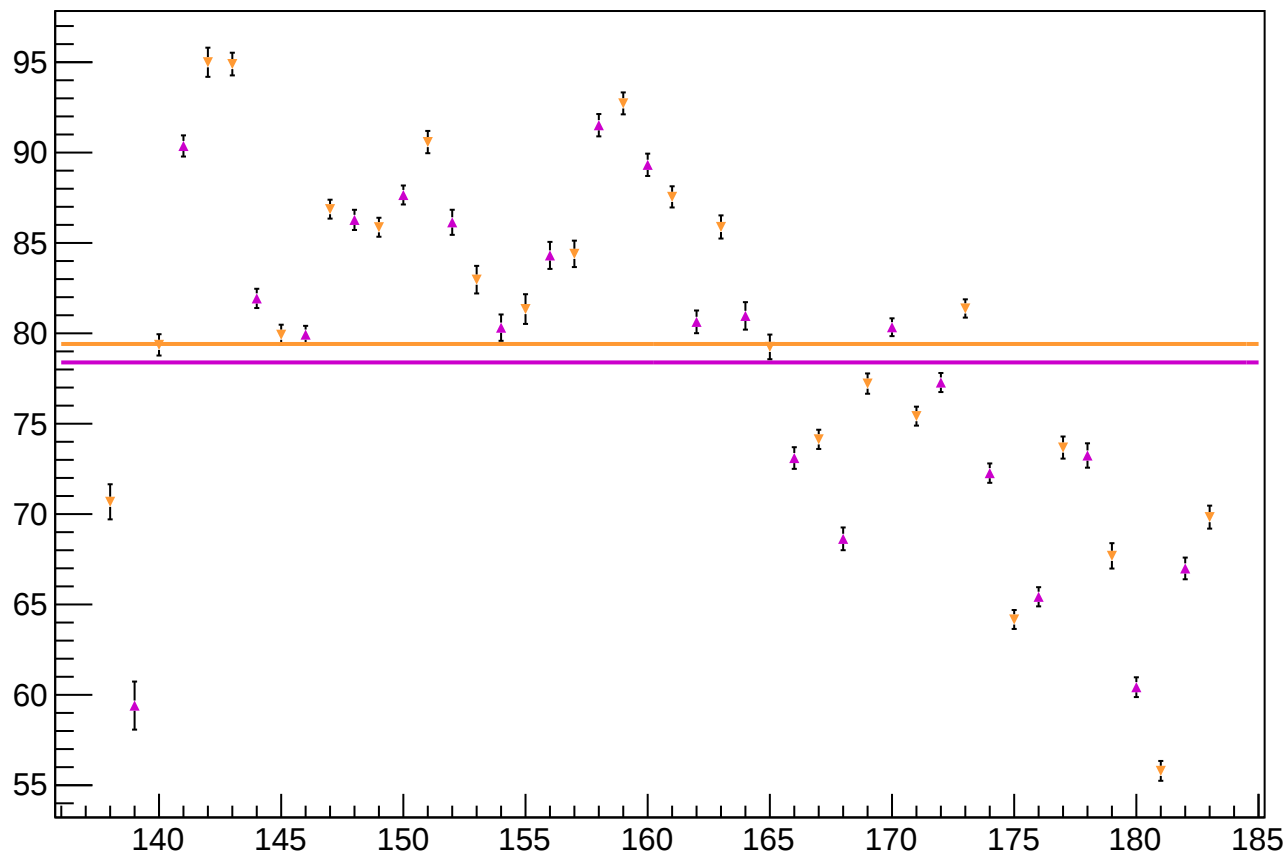
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Out: -27.609 $\pm$ 0.141 χ^2 /NDF:16616.3/23

All: -27.763 $\pm$ 0.100 χ^2 /NDF: 31772.1/45

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 79.411+/-0.124 χ^2/NDF :6074.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 78.390+/-0.127 χ^2/NDF :4733.3/21

Left: 78.913+/-0.089 χ^2/NDF : 10840.6/45

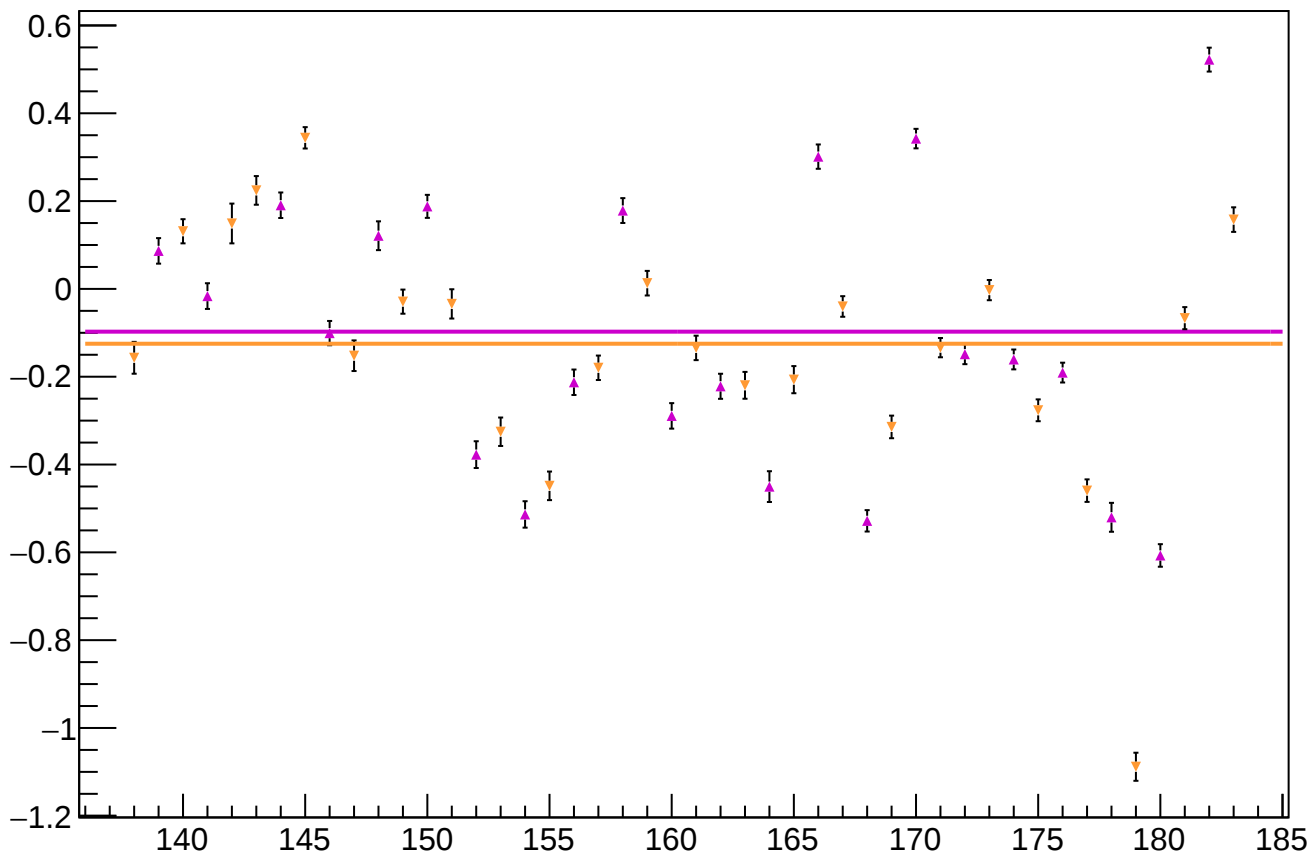
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 78.390+/-0.127 χ^2/NDF :4733.3/21

Out: 79.411+/-0.124 χ^2/NDF :6074.4/23

All: 78.913+/-0.089 χ^2/NDF : 10840.6/45

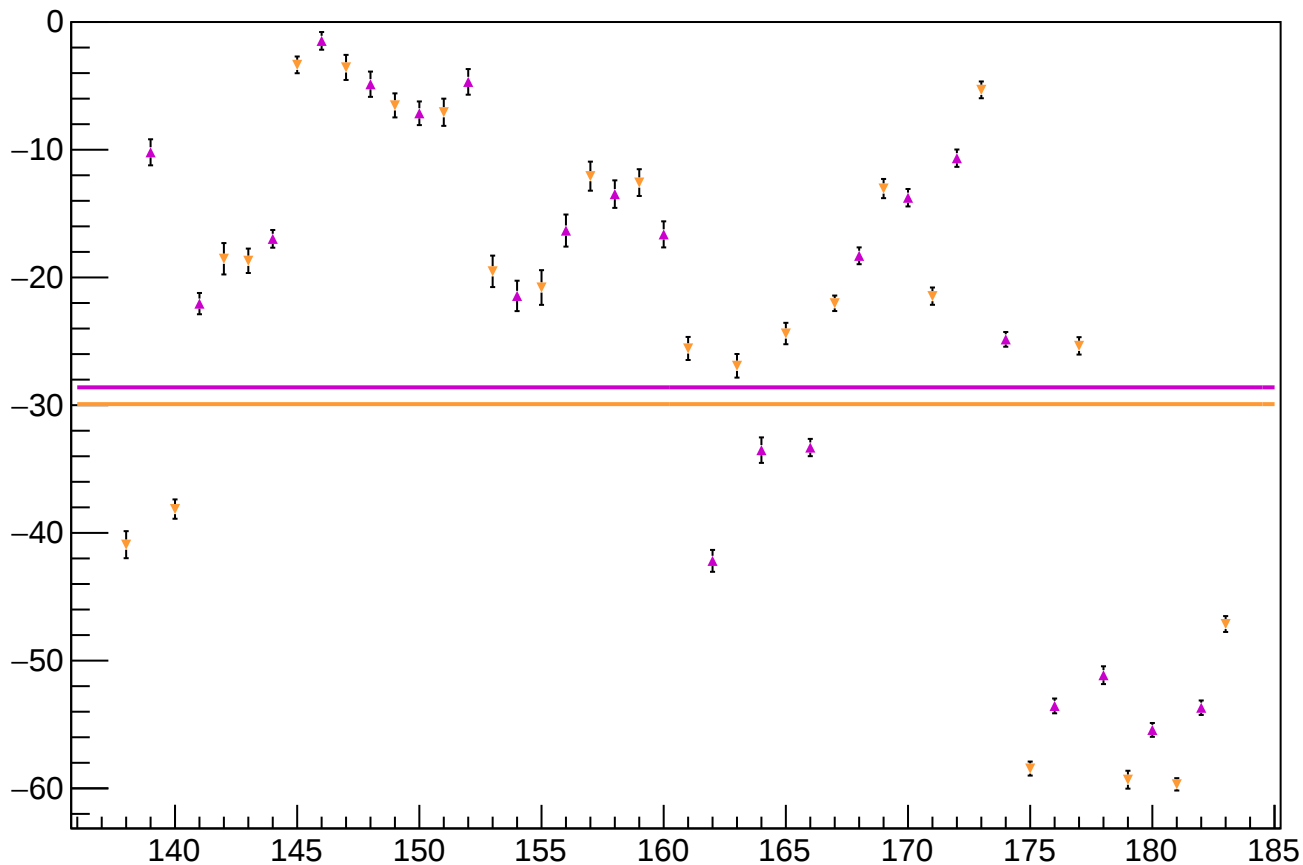
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.006 χ^2/NDF : 2130.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.097+/-0.006 χ^2/NDF : 2876.9/21

Left: -0.111+/-0.004 χ^2/NDF : 5018.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.097+/-0.006 χ^2/NDF : 2876.9/21
 Out: -0.125+/-0.006 χ^2/NDF : 2130.1/23
 All: -0.111+/-0.004 χ^2/NDF : 5018.3/45

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: -29.918+/-0.158 χ^2/NDF :15903.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Left: -29.271+/-0.113 χ^2/NDF : 29382.2/45

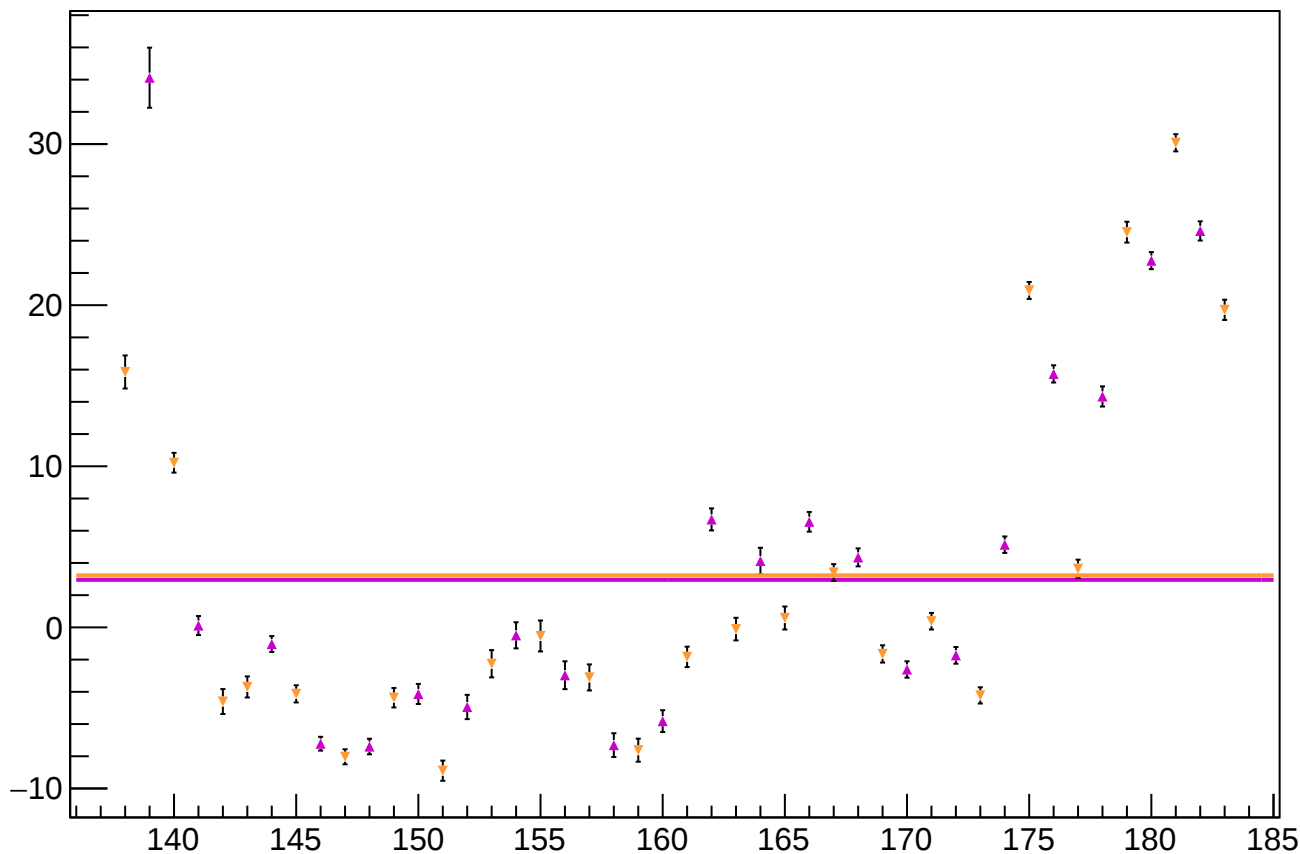
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

All: -29.271+/-0.113 χ^2/NDF : 29382.2/45

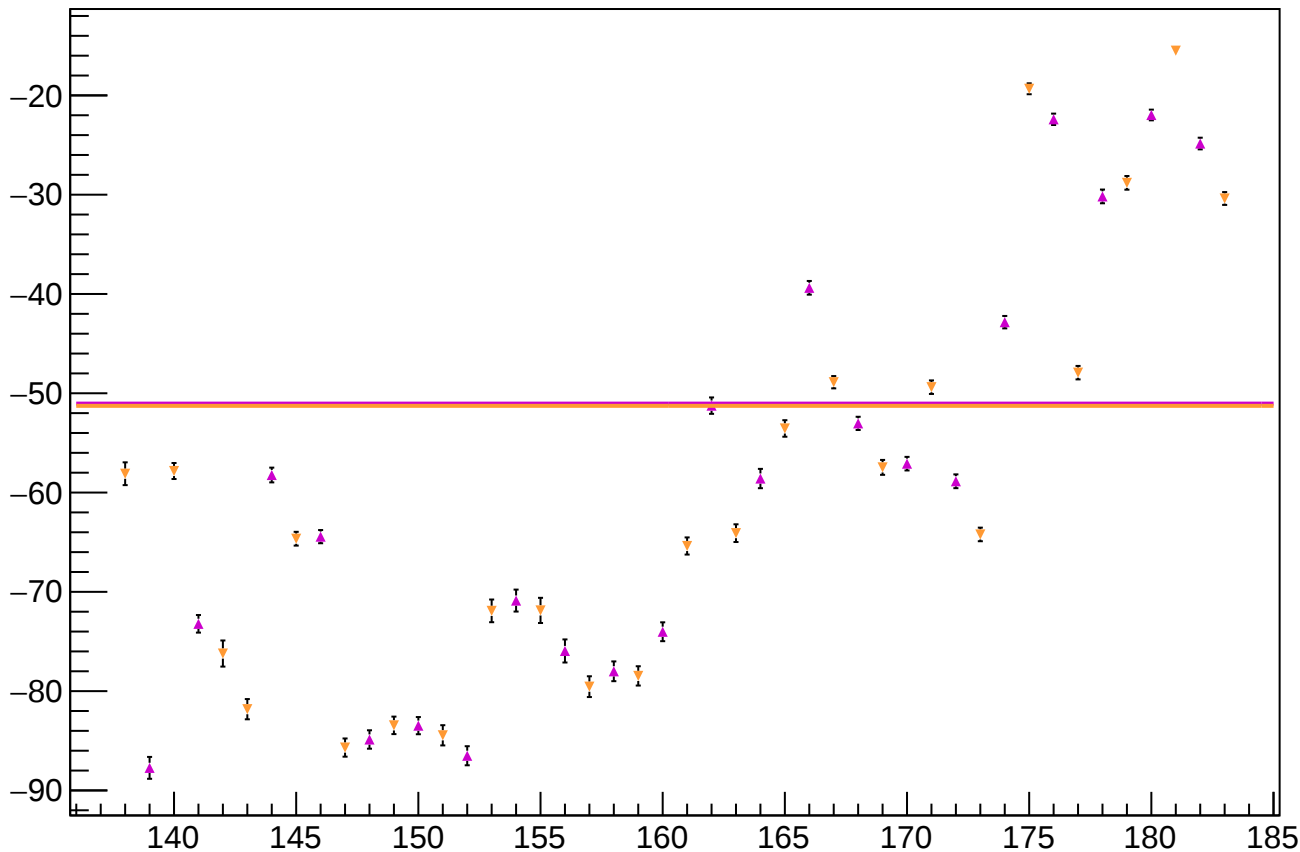
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.234+/-0.125 χ^2/NDF :8010.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.951+/-0.127 χ^2/NDF :5962.8/21

Left: 3.095+/-0.089 χ^2/NDF : 13976.3/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.951+/-0.127 χ^2/NDF :5962.8/21
 Out: 3.234+/-0.125 χ^2/NDF :8010.9/23
 All: 3.095+/-0.089 χ^2/NDF : 13976.3/45

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: -51.265+/-0.159 χ^2/NDF :19130.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Left: -51.155+/-0.113 χ^2/NDF : 36589.5/45

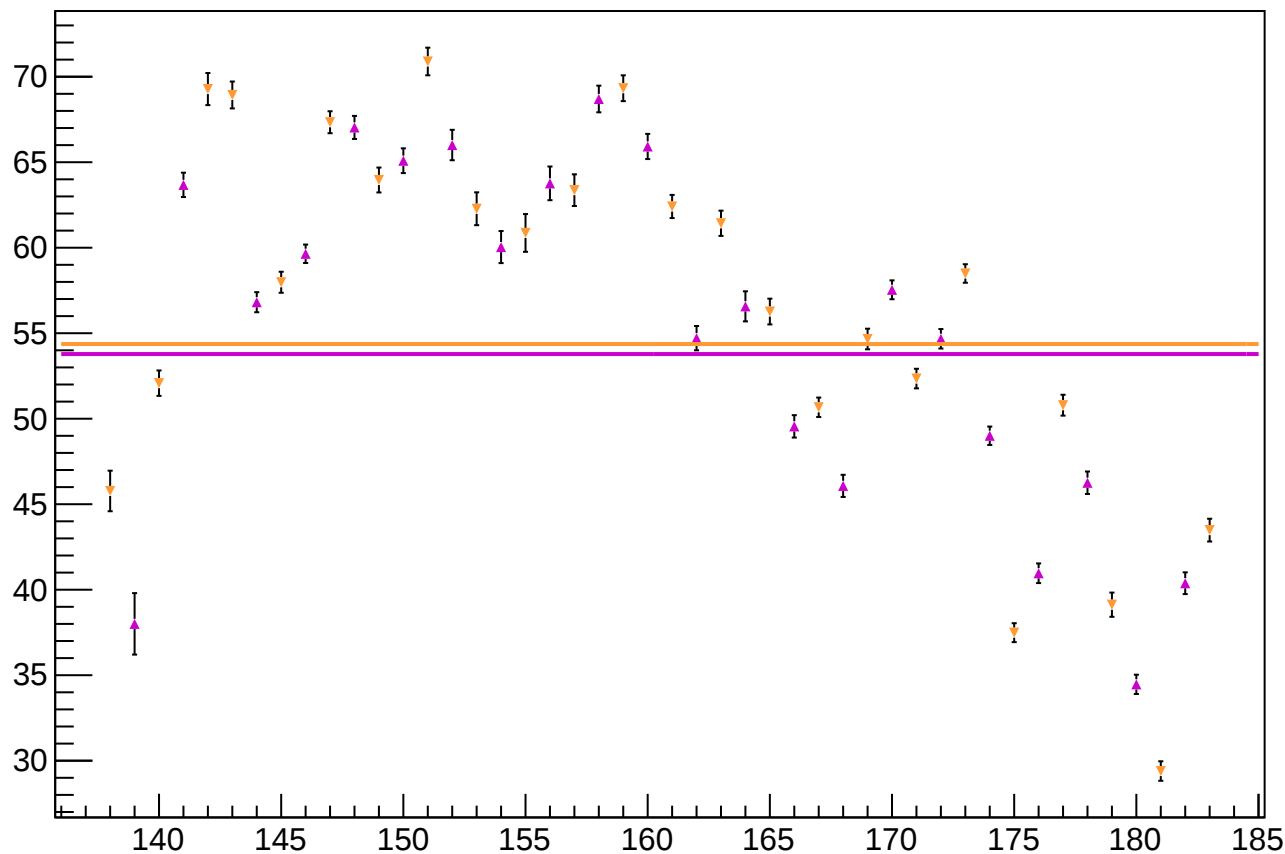
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Out: -51.265+/-0.159 χ^2/NDF :19130.7/23

All: -51.155+/-0.113 χ^2/NDF : 36589.5/45

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 54.367+/-0.142 χ^2/NDF :6240.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 53.781+/-0.144 χ^2/NDF :4585.7/21

Left: 54.078+/-0.101 χ^2/NDF : 10834.4/45

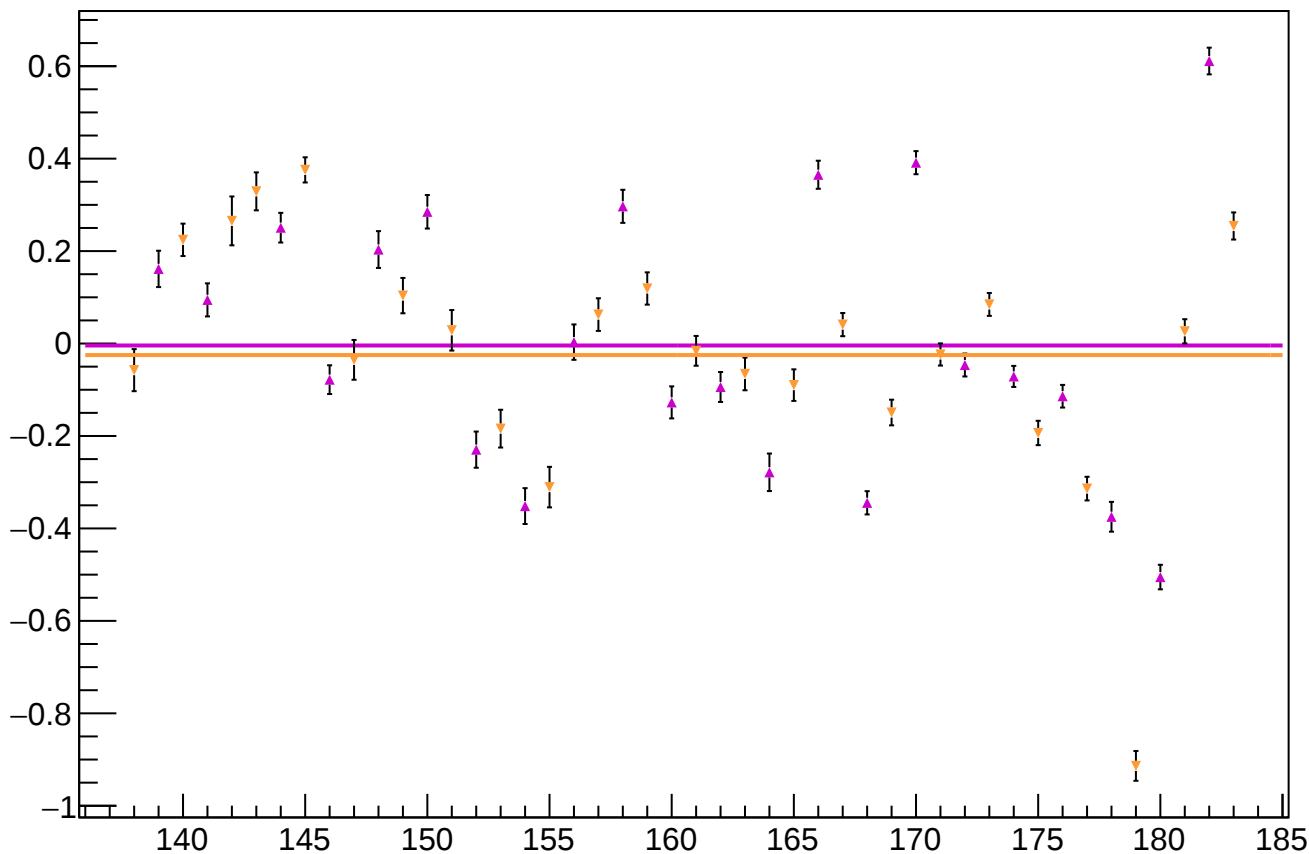
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 53.781+/-0.144 χ^2/NDF :4585.7/21

Out: 54.367+/-0.142 χ^2/NDF :6240.3/23

All: 54.078+/-0.101 χ^2/NDF : 10834.4/45

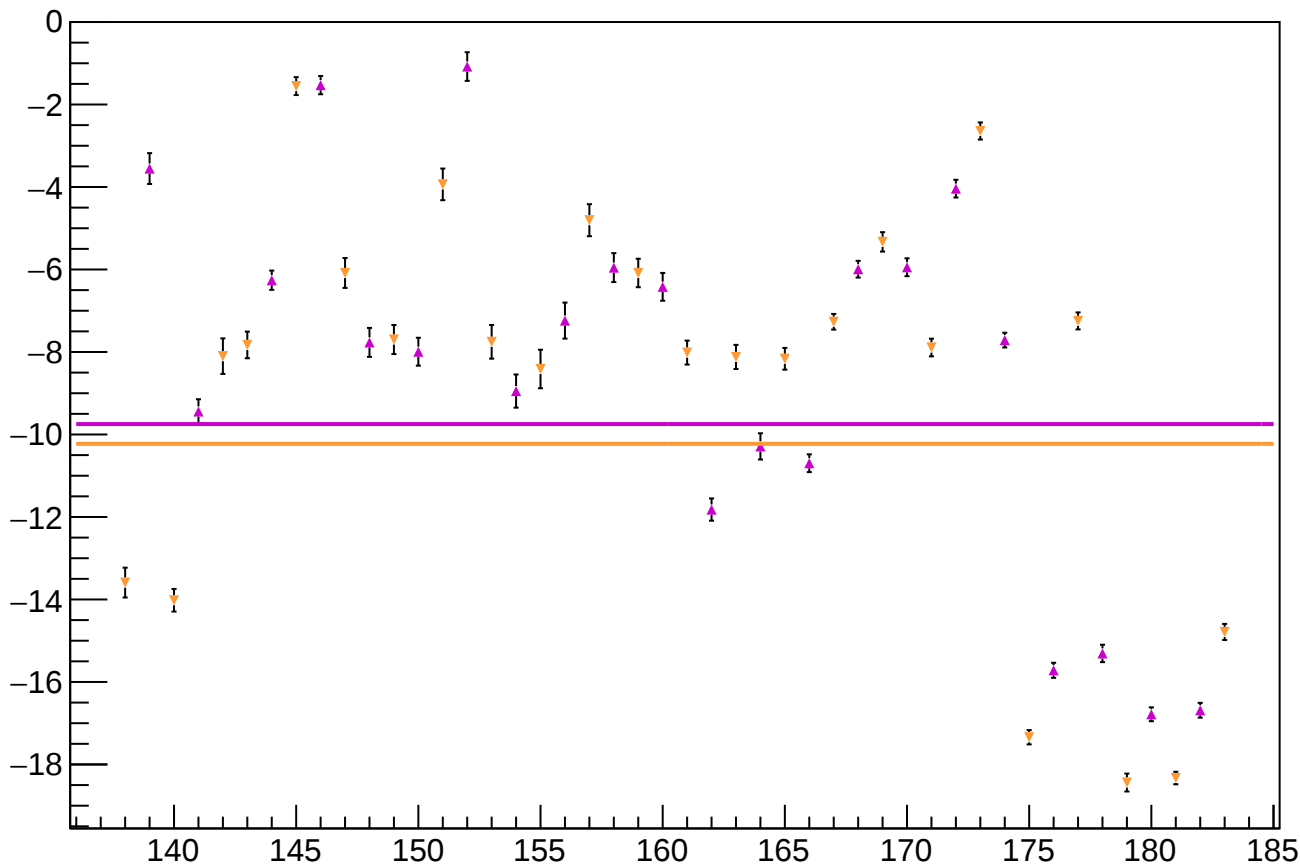
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -0.025 ± 0.007 χ^2/NDF : 1539.0/23
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -0.004 ± 0.007 χ^2/NDF : 1990.9/21

Left: -0.015 ± 0.005 χ^2/NDF : 3534.9/45
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -0.004 ± 0.007 χ^2/NDF : 1990.9/21
 Out: -0.025 ± 0.007 χ^2/NDF : 1539.0/23
 All: -0.015 ± 0.005 χ^2/NDF : 3534.9/45

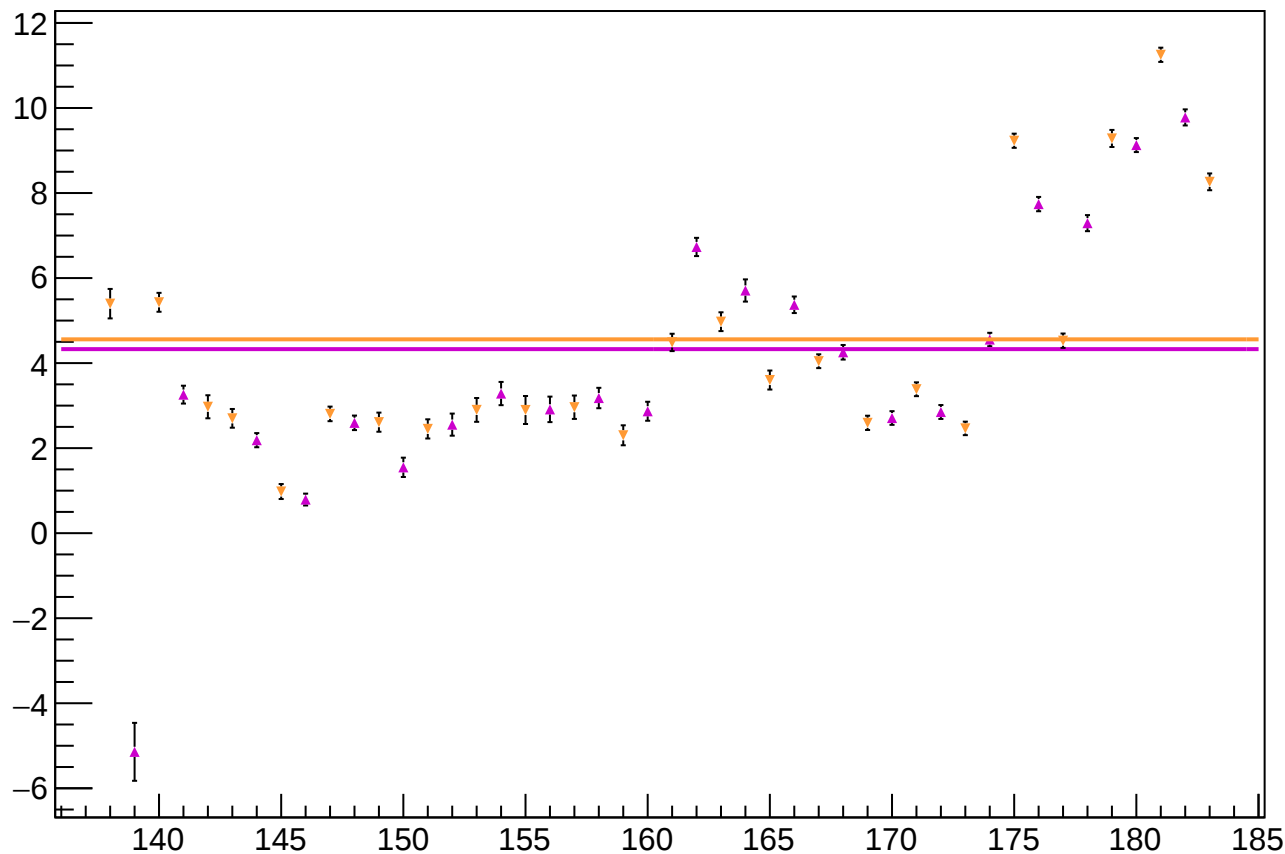
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21

Left: -9.990 $\pm$ 0.036 χ^2 /NDF: 21227.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21
 Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23
 All: -9.990 $\pm$ 0.036 χ^2 /NDF: 21227.9/45

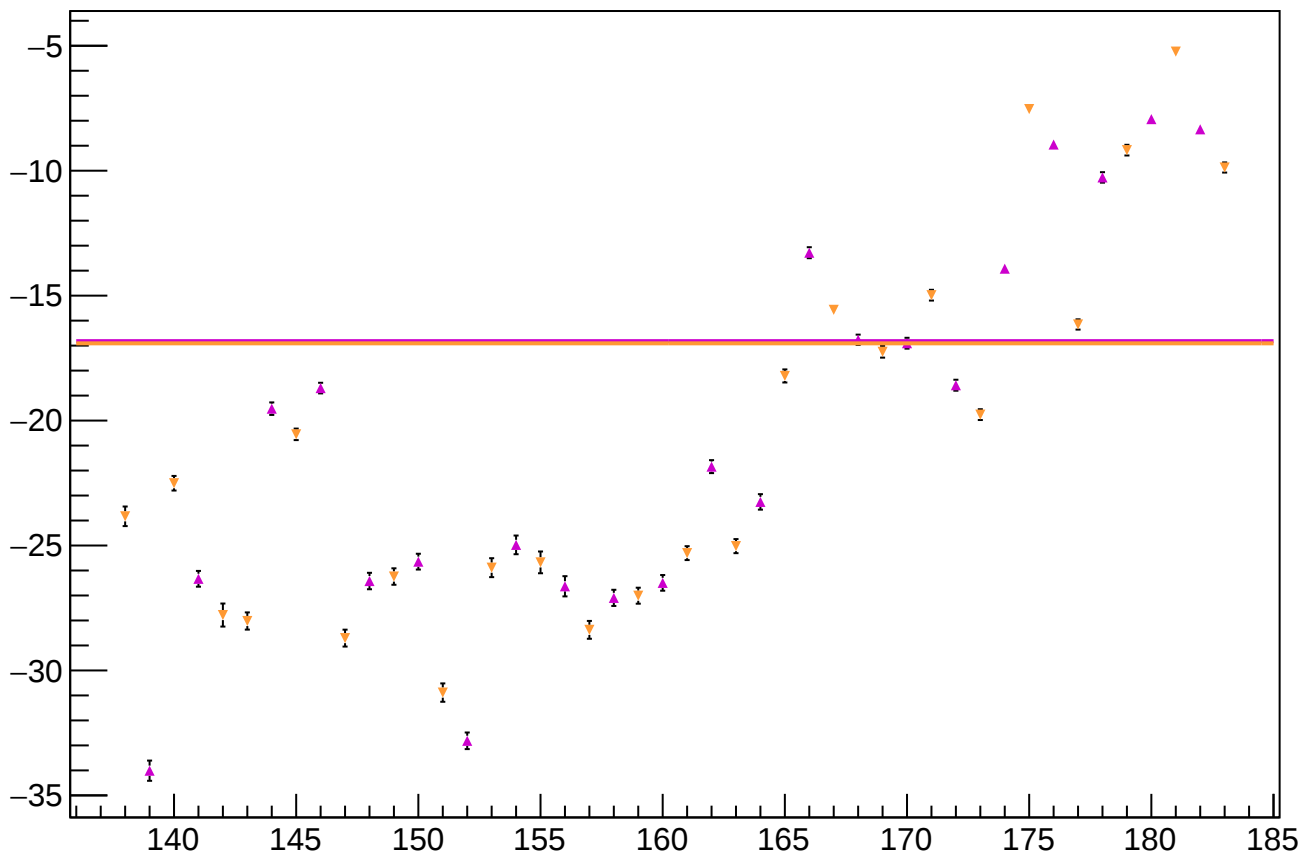
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21

Left: 4.445 $\pm$ 0.029 χ^2 /NDF: 8821.4/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.328 $\pm$ 0.041 χ^2 /NDF:4132.7/21
 Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 All: 4.445 $\pm$ 0.029 χ^2 /NDF: 8821.4/45

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: -16.909+/-0.052 χ^2/NDF :21934.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Left: -16.865+/-0.037 χ^2/NDF : 40917.4/45

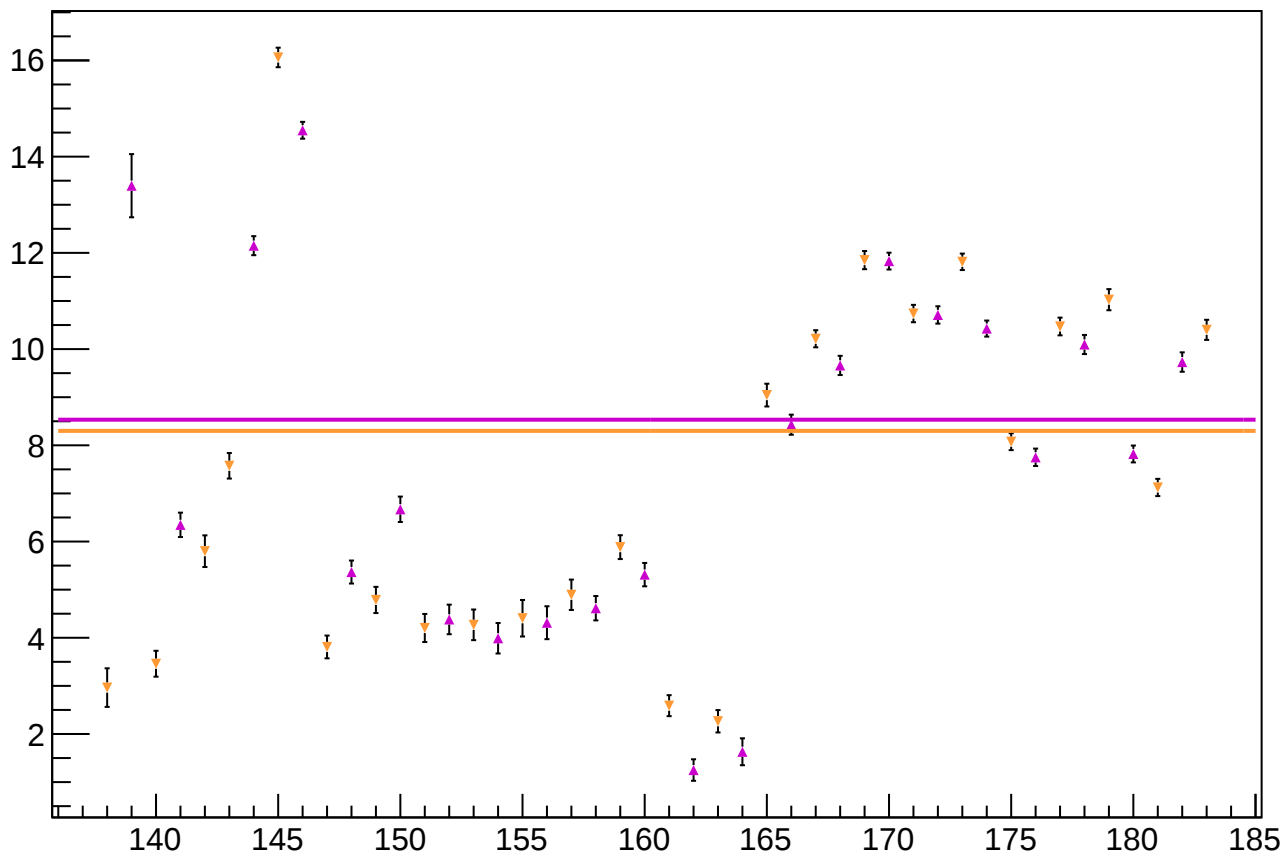
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

All: -16.865+/-0.037 χ^2/NDF : 40917.4/45

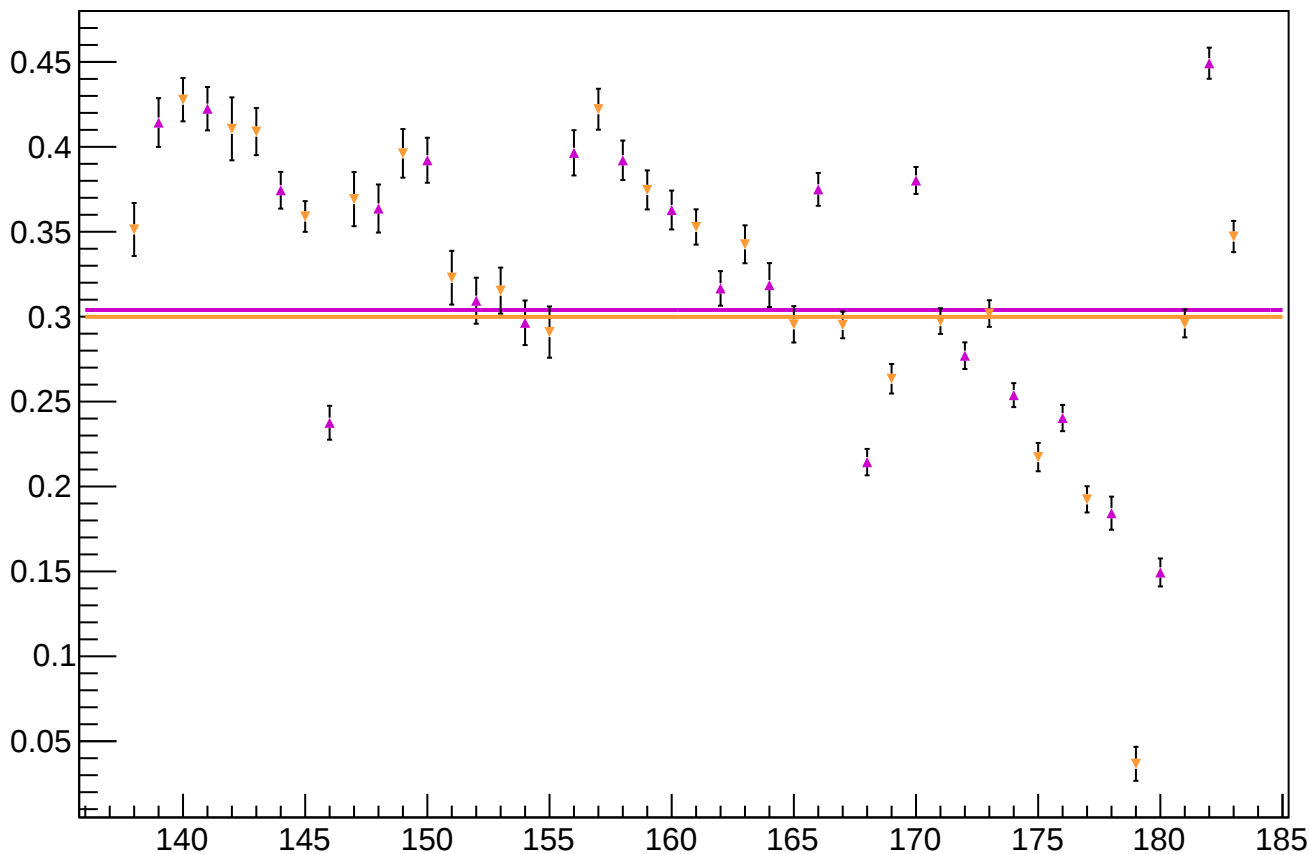
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.300 $\pm$ 0.046 χ^2/NDF :6107.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.532 $\pm$ 0.046 χ^2/NDF :5292.3/21

Left: 8.415 $\pm$ 0.033 χ^2/NDF : 11412.2/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.532 $\pm$ 0.046 χ^2/NDF :5292.3/21
 Out: 8.300 $\pm$ 0.046 χ^2/NDF :6107.2/23
 All: 8.415 $\pm$ 0.033 χ^2/NDF : 11412.2/45

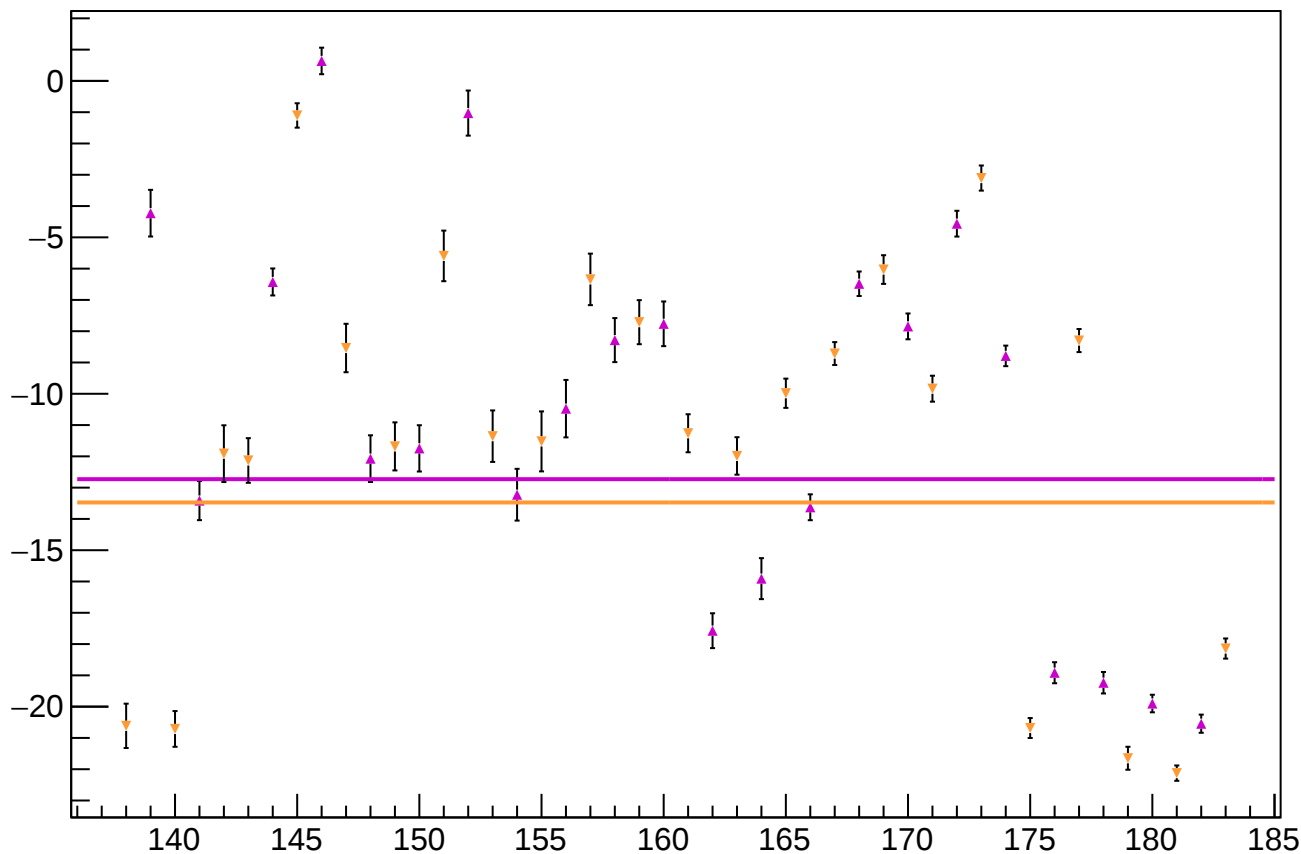
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.304 $\pm$ 0.002 χ^2 /NDF:1593.6/21

Left: 0.302 $\pm$ 0.001 χ^2 /NDF: 3129.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.304 $\pm$ 0.002 χ^2 /NDF:1593.6/21
 Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 All: 0.302 $\pm$ 0.001 χ^2 /NDF: 3129.9/45

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.474+/-0.095 χ^2/NDF :5482.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.729+/-0.096 χ^2/NDF :4808.4/21

Left: -13.106+/-0.068 χ^2/NDF : 10320.8/45

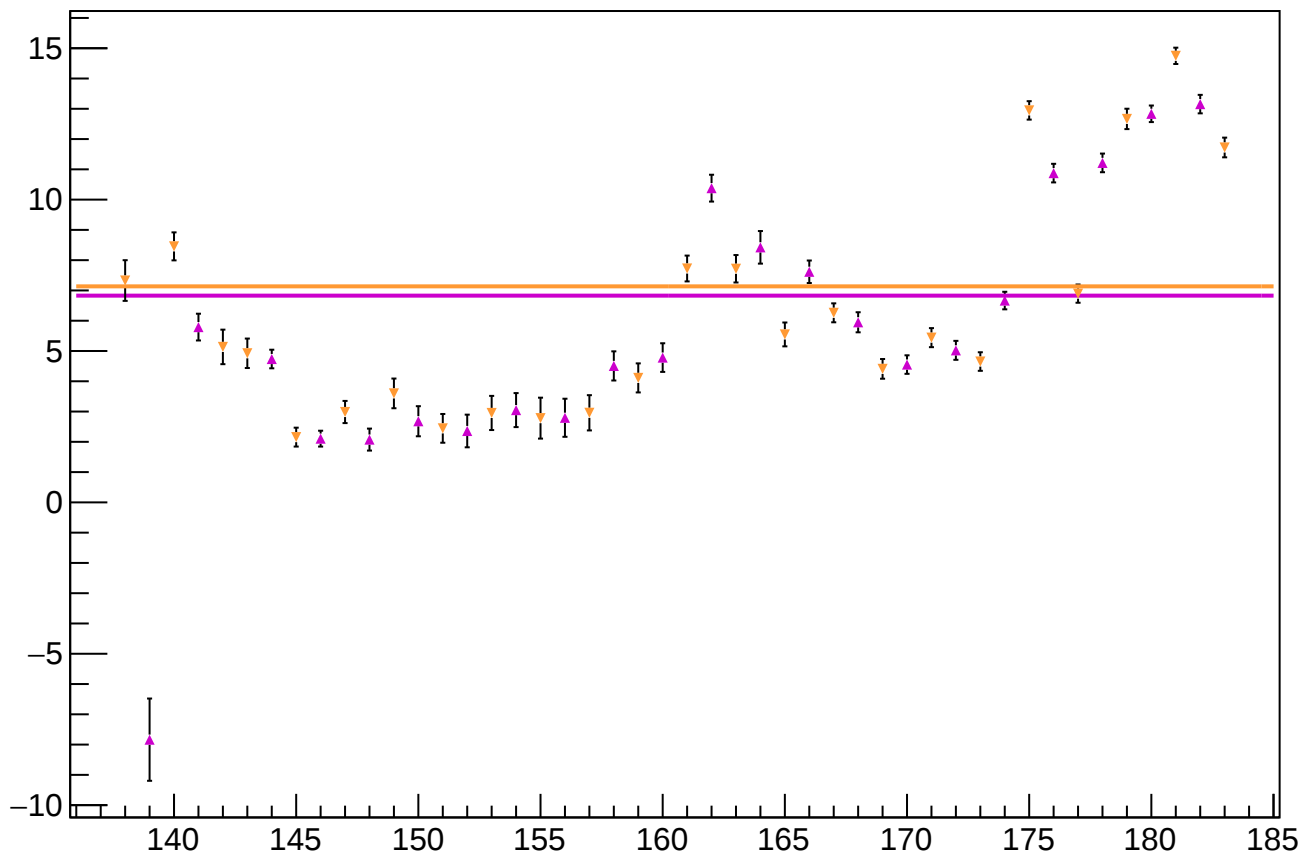
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.729+/-0.096 χ^2/NDF :4808.4/21

Out: -13.474+/-0.095 χ^2/NDF :5482.0/23

All: -13.106+/-0.068 χ^2/NDF : 10320.8/45

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 6.828 $\pm$ 0.078 χ^2 /NDF:2393.1/21

Left: 6.982 $\pm$ 0.055 χ^2 /NDF: 4985.8/45

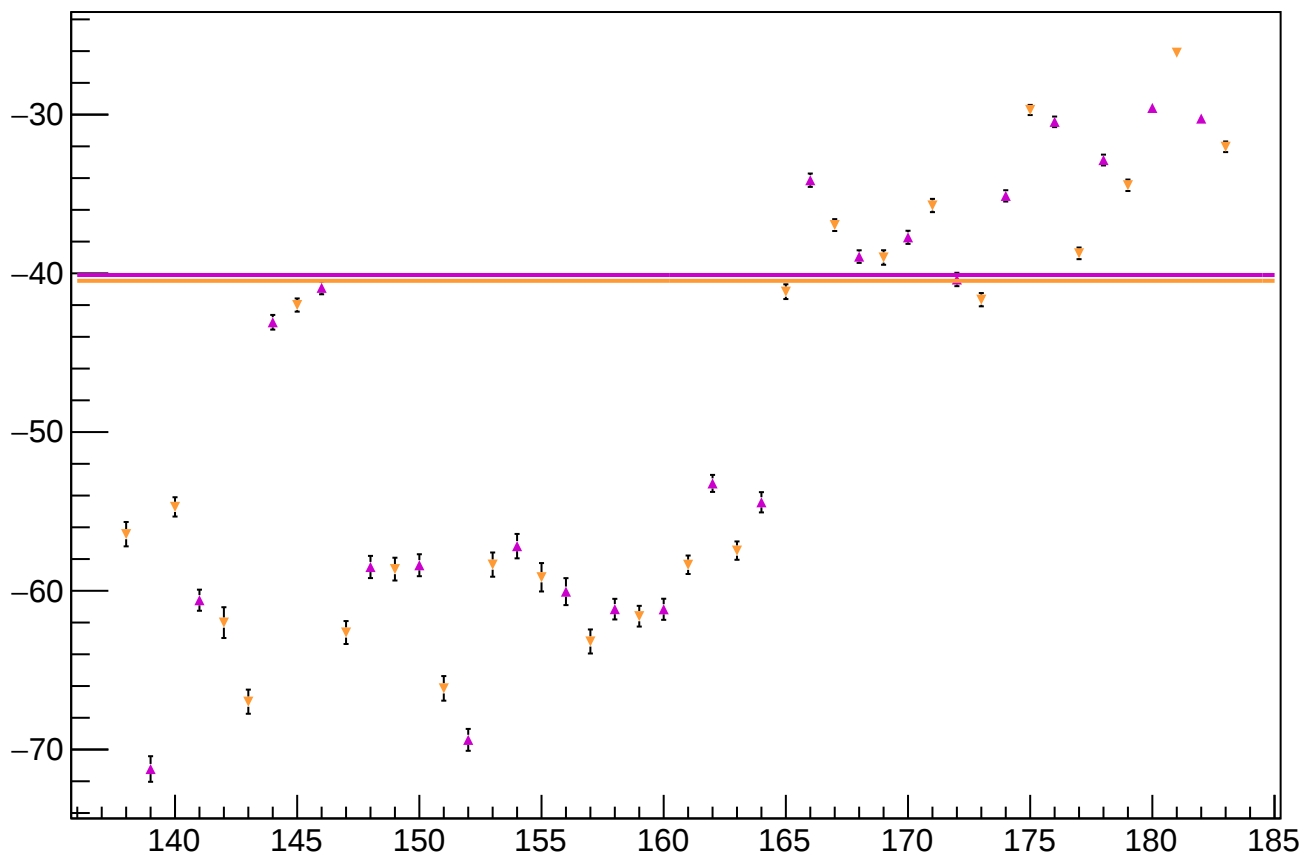
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 6.828 $\pm$ 0.078 χ^2 /NDF:2393.1/21

Out: 7.135 $\pm$ 0.078 χ^2 /NDF:2584.9/23

All: 6.982 $\pm$ 0.055 χ^2 /NDF: 4985.8/45

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: -40.471+/-0.096 χ^2/NDF :15611.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Left: -40.289+/-0.068 χ^2/NDF : 29721.4/45

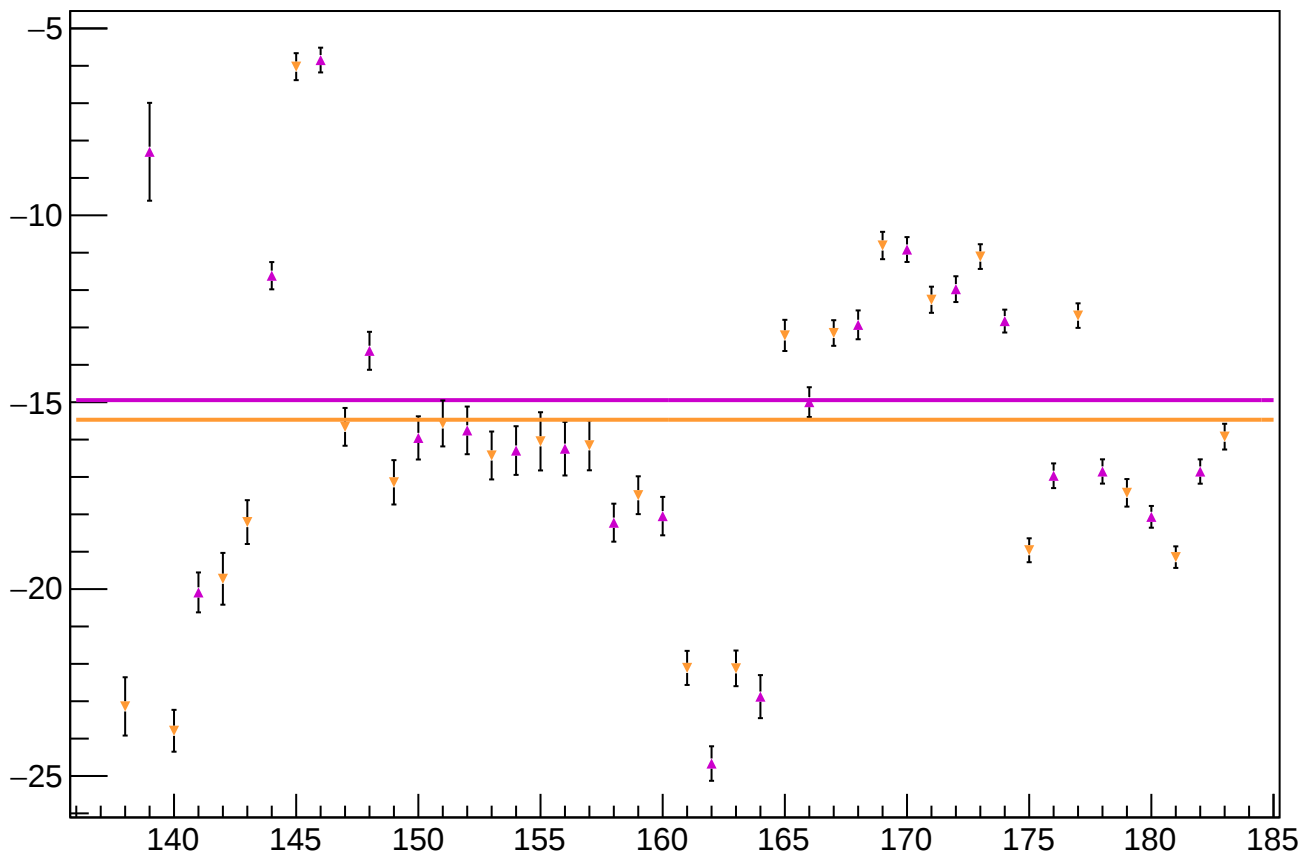
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

All: -40.289+/-0.068 χ^2/NDF : 29721.4/45

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: -15.469+/-0.087 χ^2/NDF :2375.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.944+/-0.087 χ^2/NDF :2203.8/21

Left: -15.208+/-0.062 χ^2/NDF : 4597.8/45

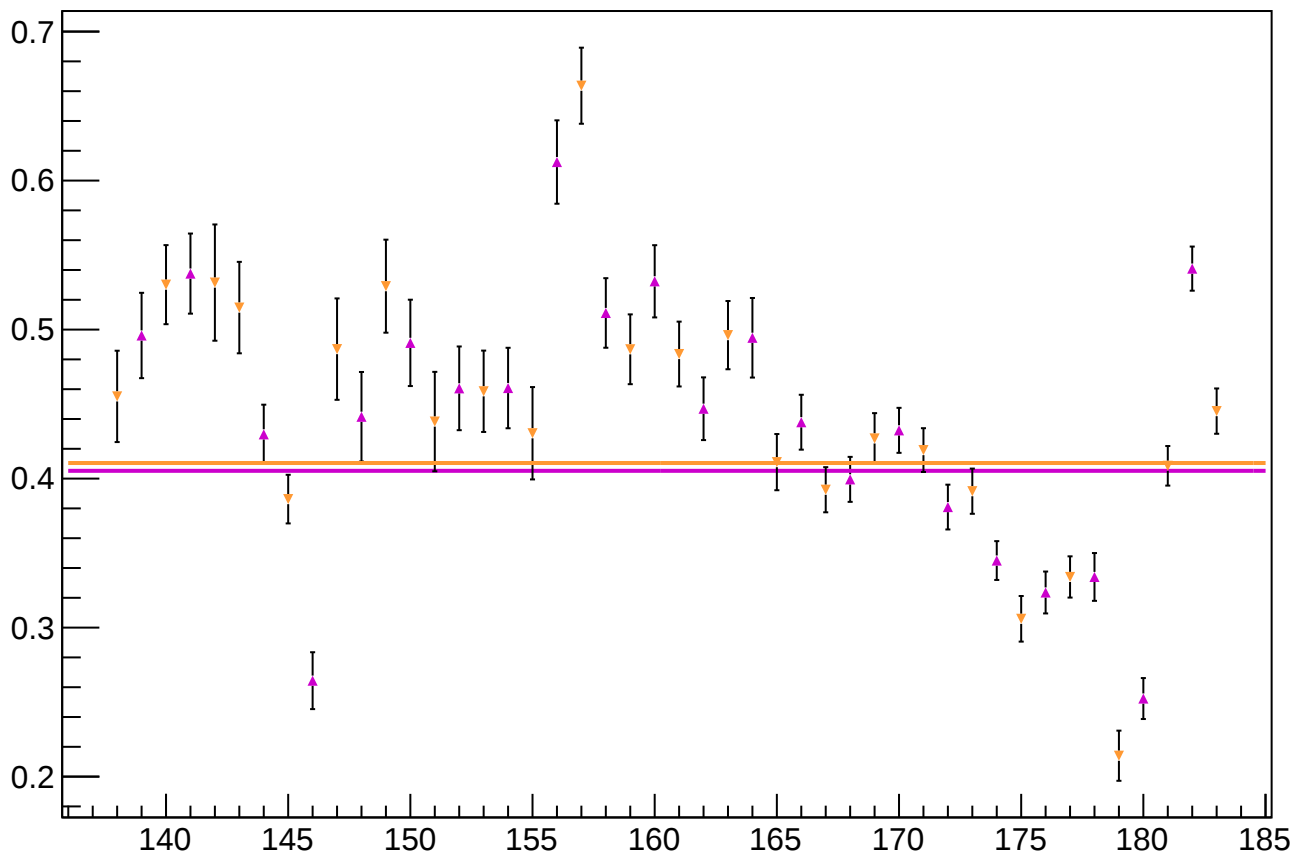
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.944+/-0.087 χ^2/NDF :2203.8/21

Out: -15.469+/-0.087 χ^2/NDF :2375.9/23

All: -15.208+/-0.062 χ^2/NDF : 4597.8/45

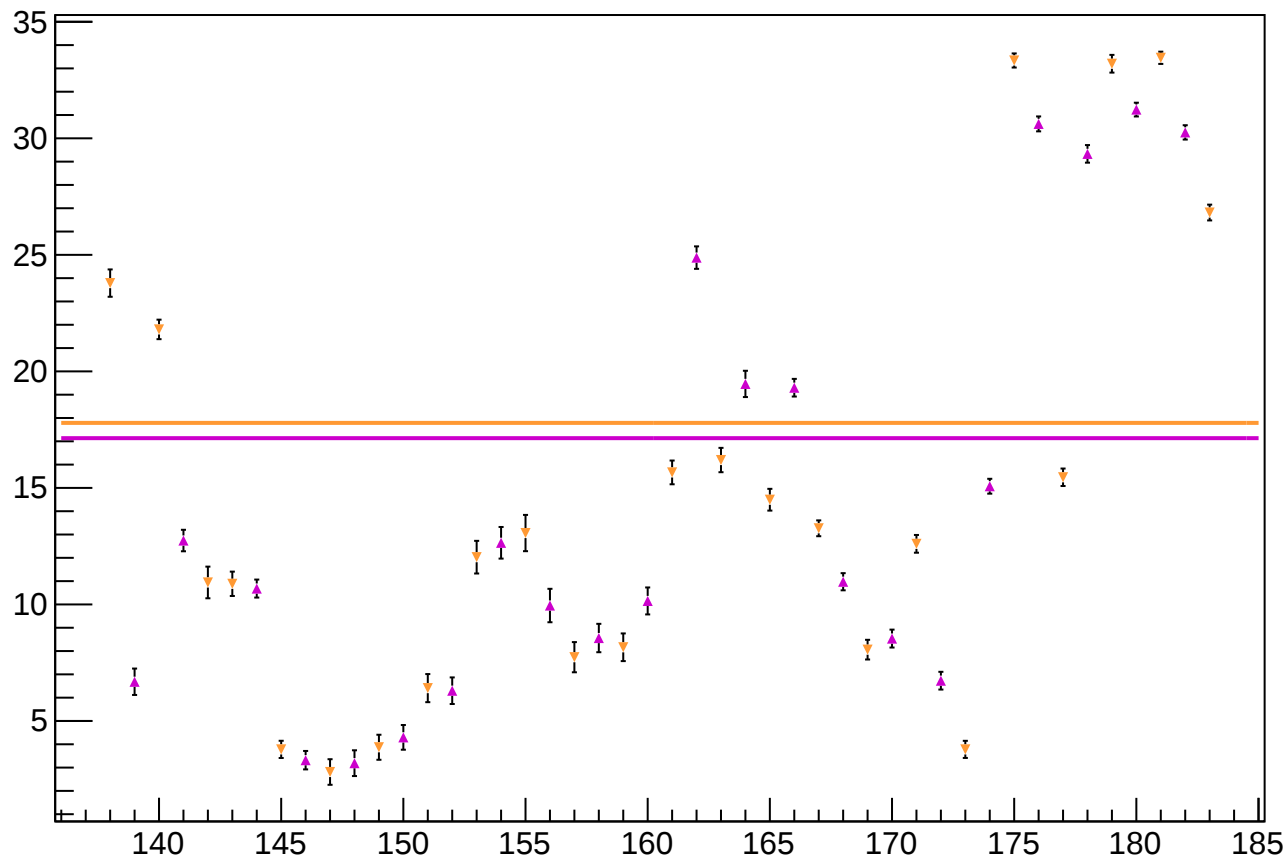
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21

Left: 0.408 $\pm$ 0.003 χ^2 /NDF: 946.0/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21
 Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 All: 0.408 $\pm$ 0.003 χ^2 /NDF: 946.0/45

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 17.790 $\pm$ 0.088 χ^2 /NDF:15292.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 17.135 $\pm$ 0.090 χ^2 /NDF:12794.3/21

Left: 17.468 $\pm$ 0.063 χ^2 /NDF: 28114.5/45

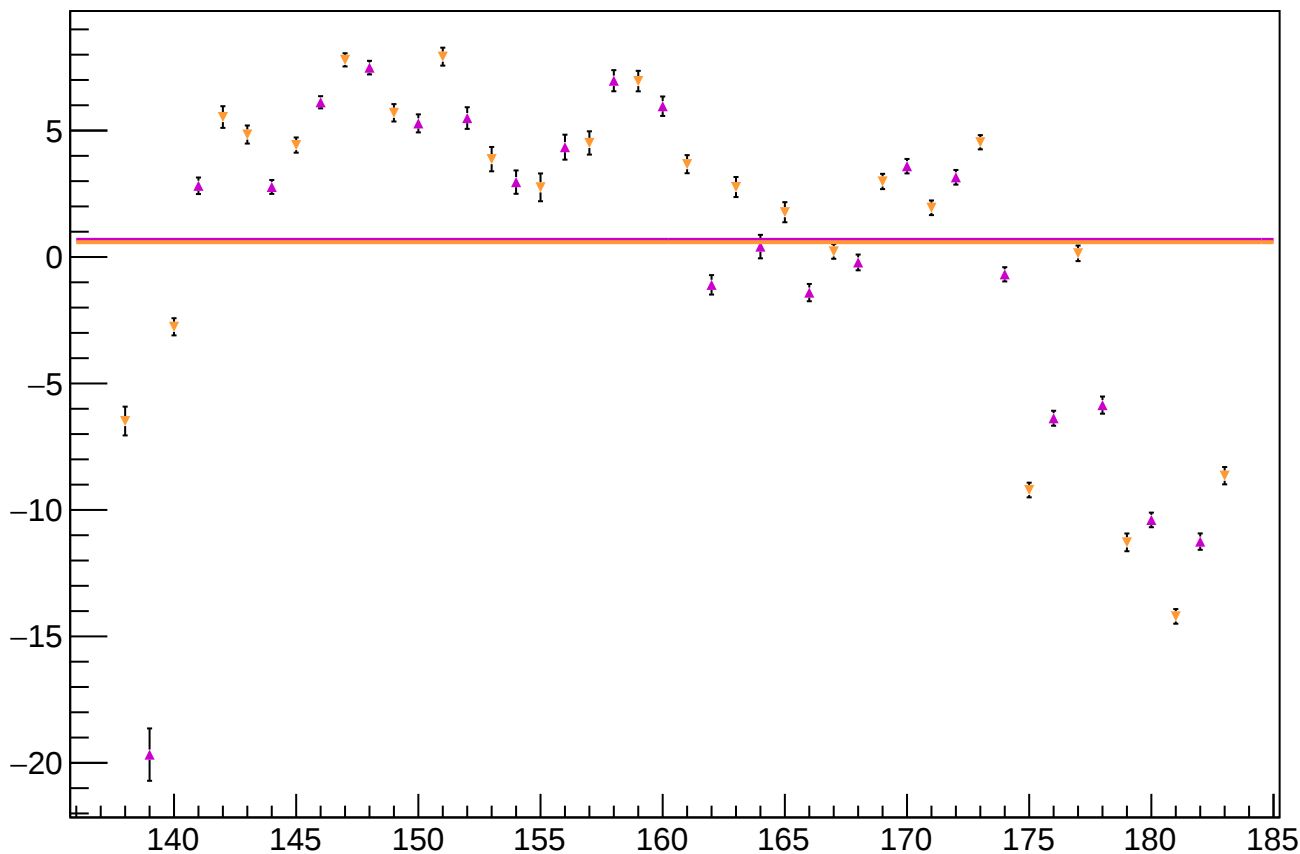
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 17.135 $\pm$ 0.090 χ^2 /NDF:12794.3/21

Out: 17.790 $\pm$ 0.088 χ^2 /NDF:15292.9/23

All: 17.468 $\pm$ 0.063 χ^2 /NDF: 28114.5/45

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: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Left: 0.631 $\pm$ 0.050 χ^2 /NDF: 14947.8/45

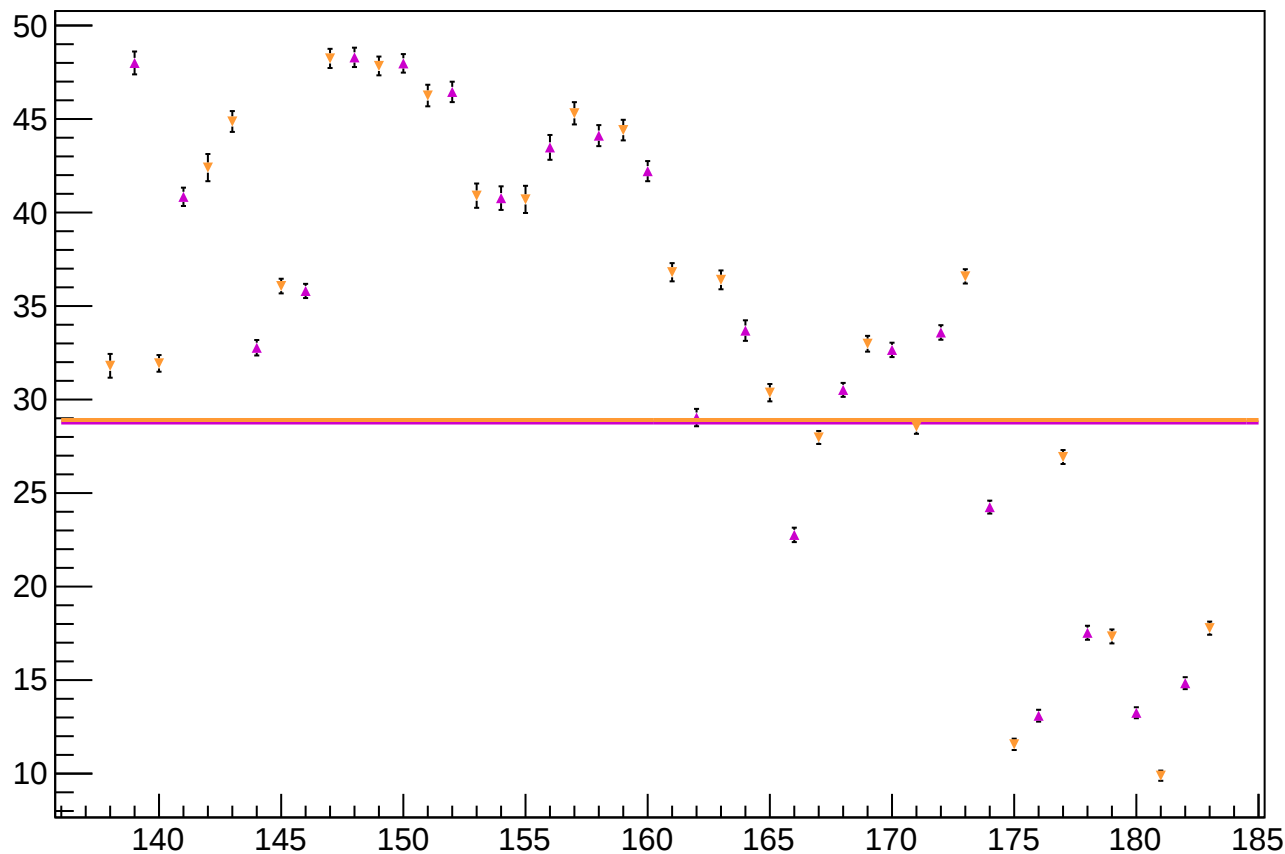
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23

All: 0.631 $\pm$ 0.050 χ^2 /NDF: 14947.8/45

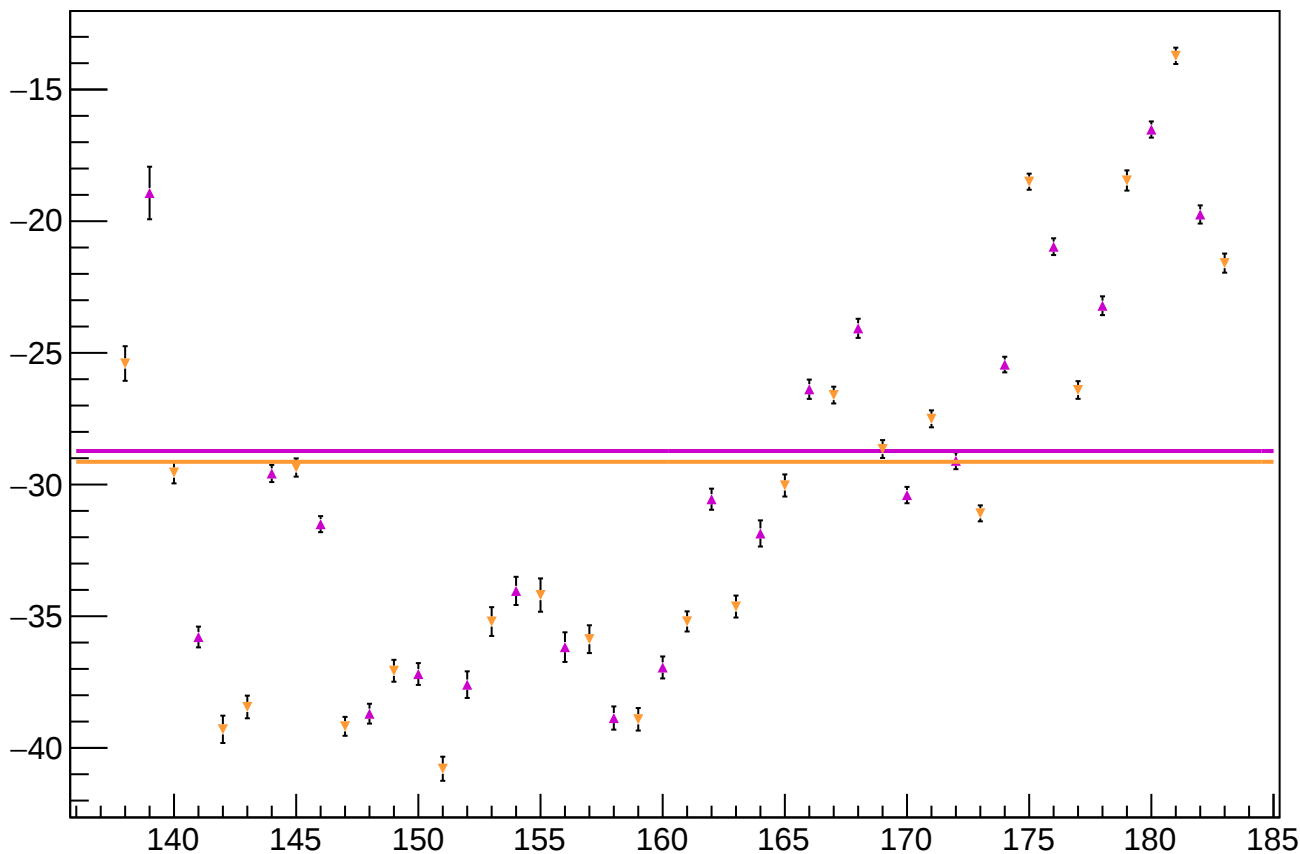
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 28.907+/-0.089 χ^2/NDF :18556.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 28.772+/-0.090 χ^2/NDF :17026.5/21

Left: 28.840+/-0.063 χ^2/NDF : 35584.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 28.772+/-0.090 χ^2/NDF :17026.5/21
 Out: 28.907+/-0.089 χ^2/NDF :18556.6/23
 All: 28.840+/-0.063 χ^2/NDF : 35584.2/45

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Left: -28.935 $\pm$ 0.056 χ^2 /NDF: 15717.2/45

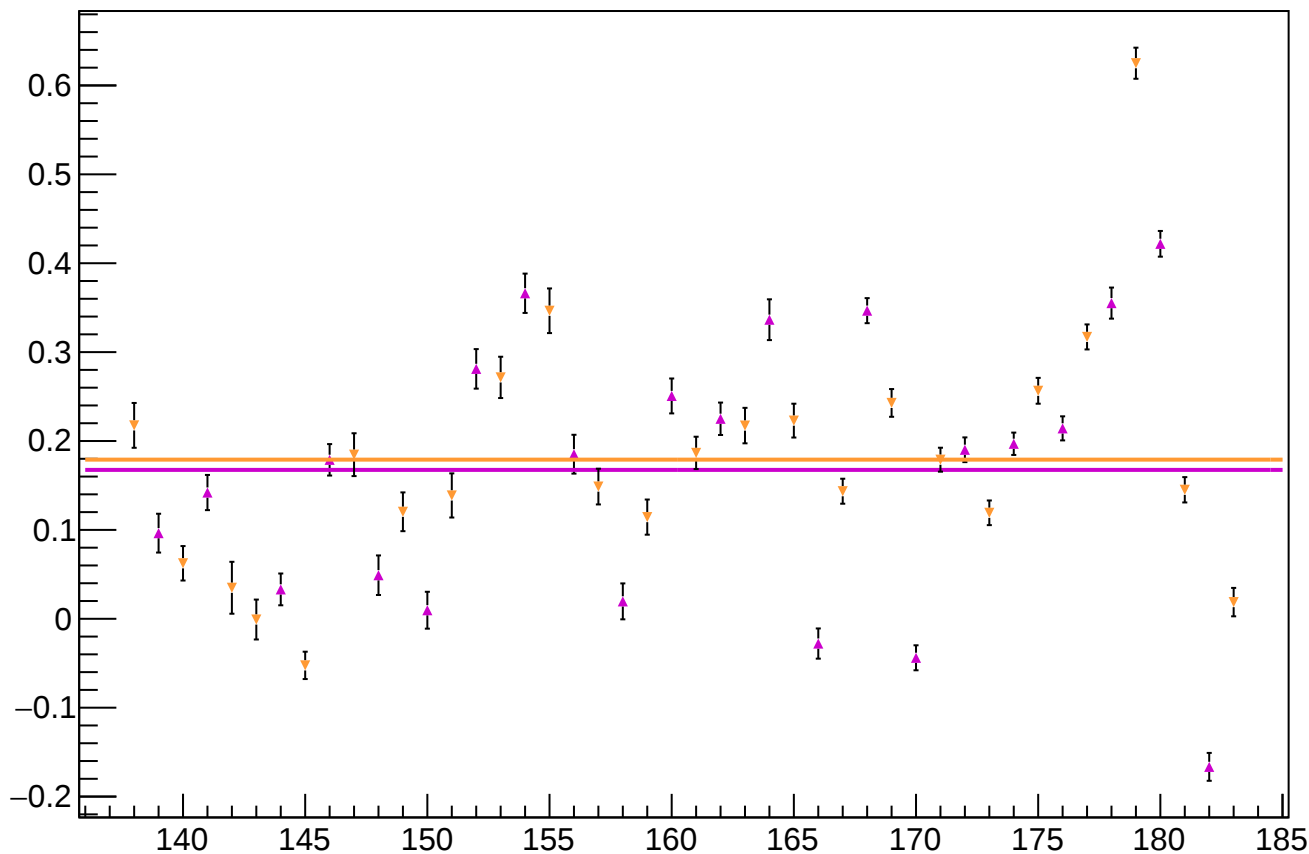
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.726 $\pm$ 0.080 χ^2 /NDF:6632.3/21

Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

All: -28.935 $\pm$ 0.056 χ^2 /NDF: 15717.2/45

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Left: 0.173 $\pm$ 0.003 χ^2 /NDF: 3190.1/45

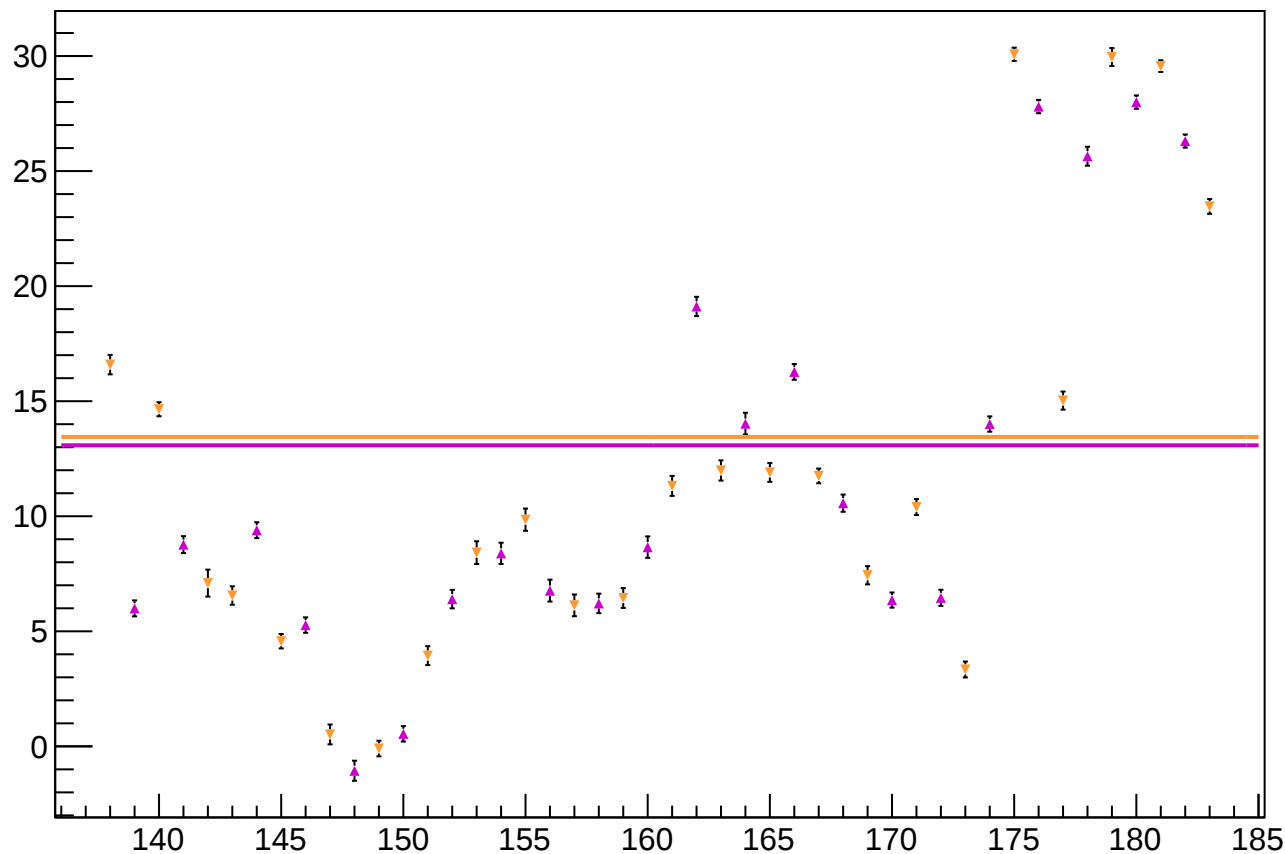
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.168 $\pm$ 0.004 χ^2 /NDF:1816.8/21

Out: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23

All: 0.173 $\pm$ 0.003 χ^2 /NDF: 3190.1/45

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: 13.447+/-0.076 χ^2/NDF :16339.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Left: 13.269+/-0.054 χ^2/NDF : 30316.1/45

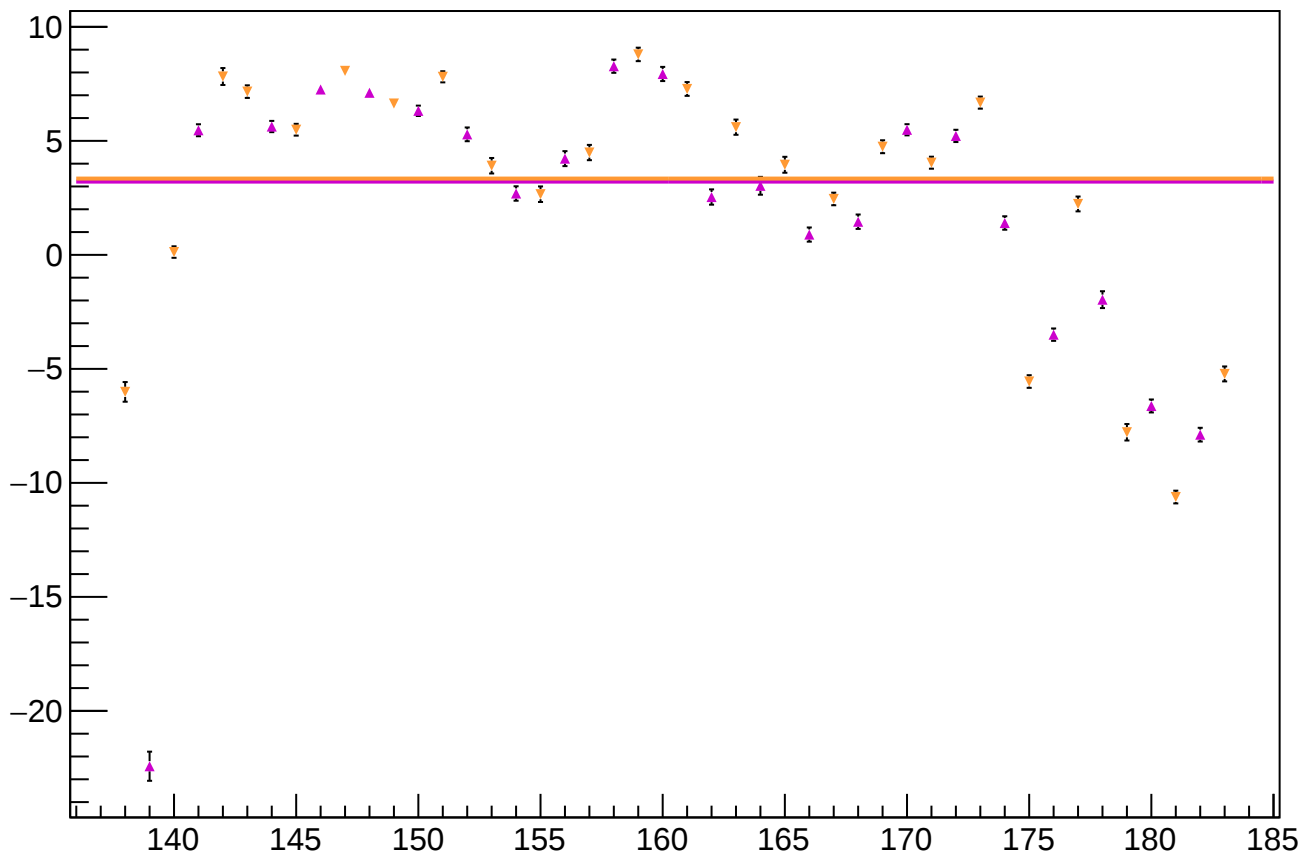
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.083+/-0.077 χ^2/NDF :13965.6/21

Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

All: 13.269+/-0.054 χ^2/NDF : 30316.1/45

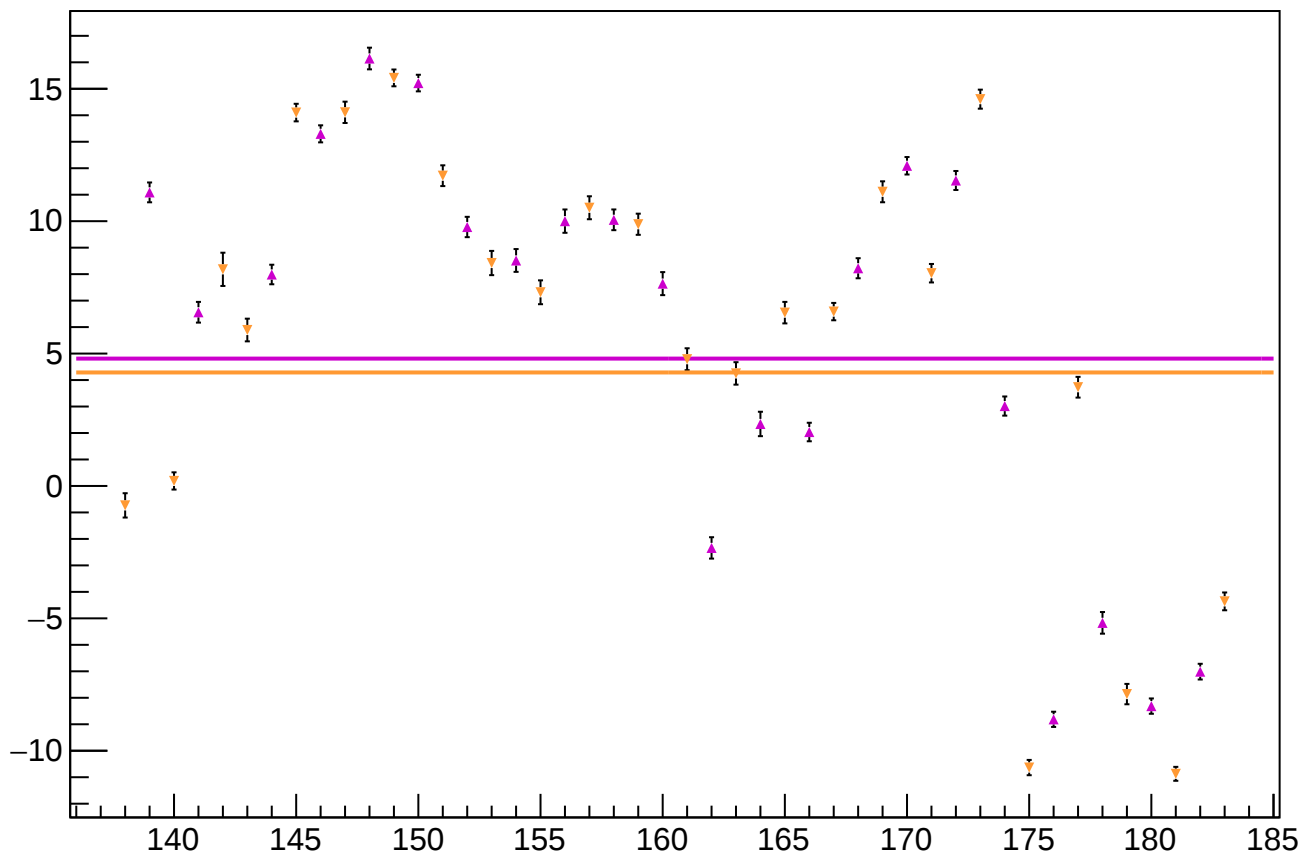
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.346+/-0.059 χ^2/NDF :8058.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.214+/-0.061 χ^2/NDF :6873.0/21

Left: 3.282+/-0.042 χ^2/NDF : 14933.6/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.214+/-0.061 χ^2/NDF :6873.0/21
 Out: 3.346+/-0.059 χ^2/NDF :8058.1/23
 All: 3.282+/-0.042 χ^2/NDF : 14933.6/45

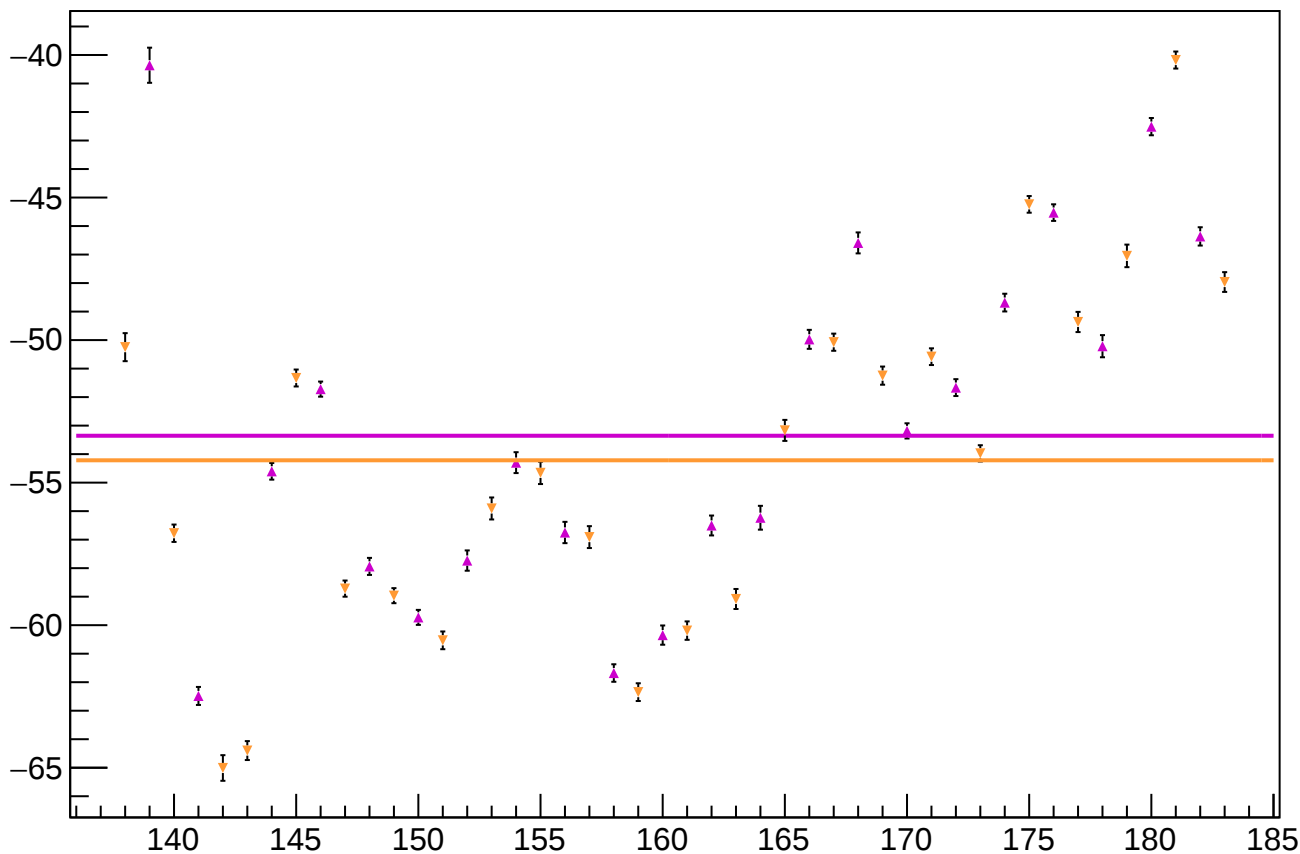
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.810 $\pm$ 0.077 χ^2 /NDF:11378.4/21

Left: 4.545 $\pm$ 0.054 χ^2 /NDF: 24286.5/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.810 $\pm$ 0.077 χ^2 /NDF:11378.4/21
 Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 All: 4.545 $\pm$ 0.054 χ^2 /NDF: 24286.5/45

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: -54.217+/-0.067 χ^2/NDF : 8453.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.355+/-0.069 χ^2/NDF : 6931.7/21

Left: -53.798+/-0.048 χ^2/NDF : 15465.4/45

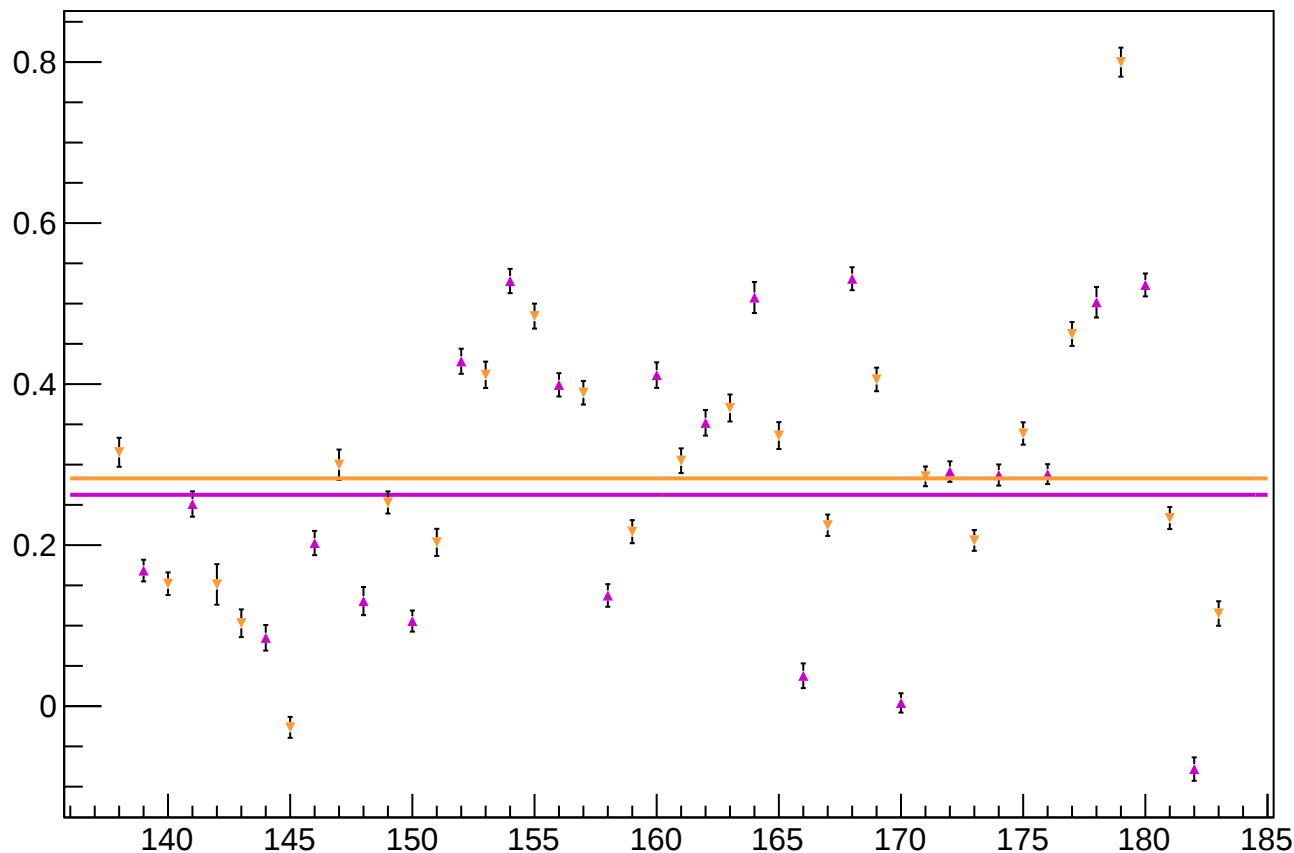
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.355+/-0.069 χ^2/NDF : 6931.7/21

Out: -54.217+/-0.067 χ^2/NDF : 8453.2/23

All: -53.798+/-0.048 χ^2/NDF : 15465.4/45

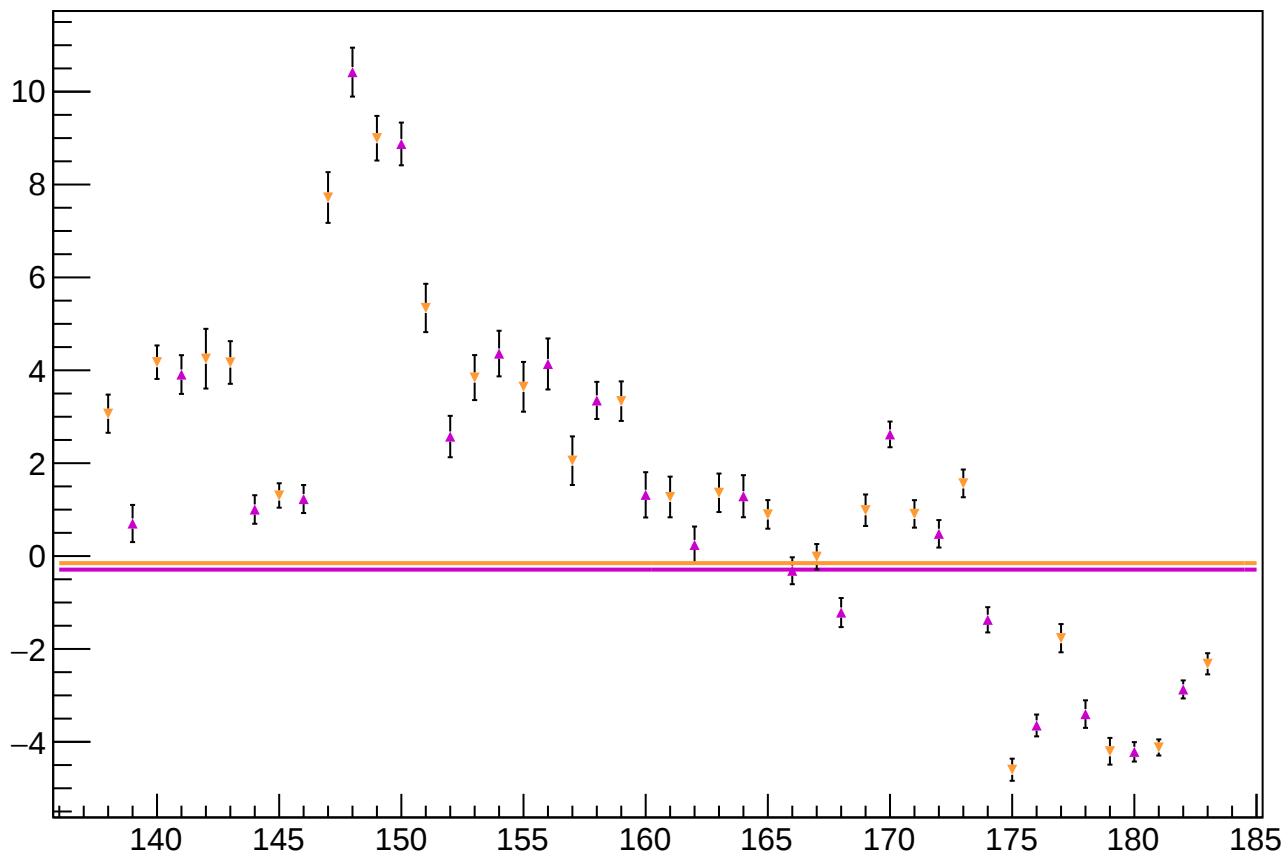
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.283+/-0.003 χ^2/NDF :2405.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.263+/-0.003 χ^2/NDF :3349.6/21

Left: 0.273+/-0.002 χ^2/NDF : 5777.0/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.263+/-0.003 χ^2/NDF :3349.6/21
 Out: 0.283+/-0.003 χ^2/NDF :2405.8/23
 All: 0.273+/-0.002 χ^2/NDF : 5777.0/45

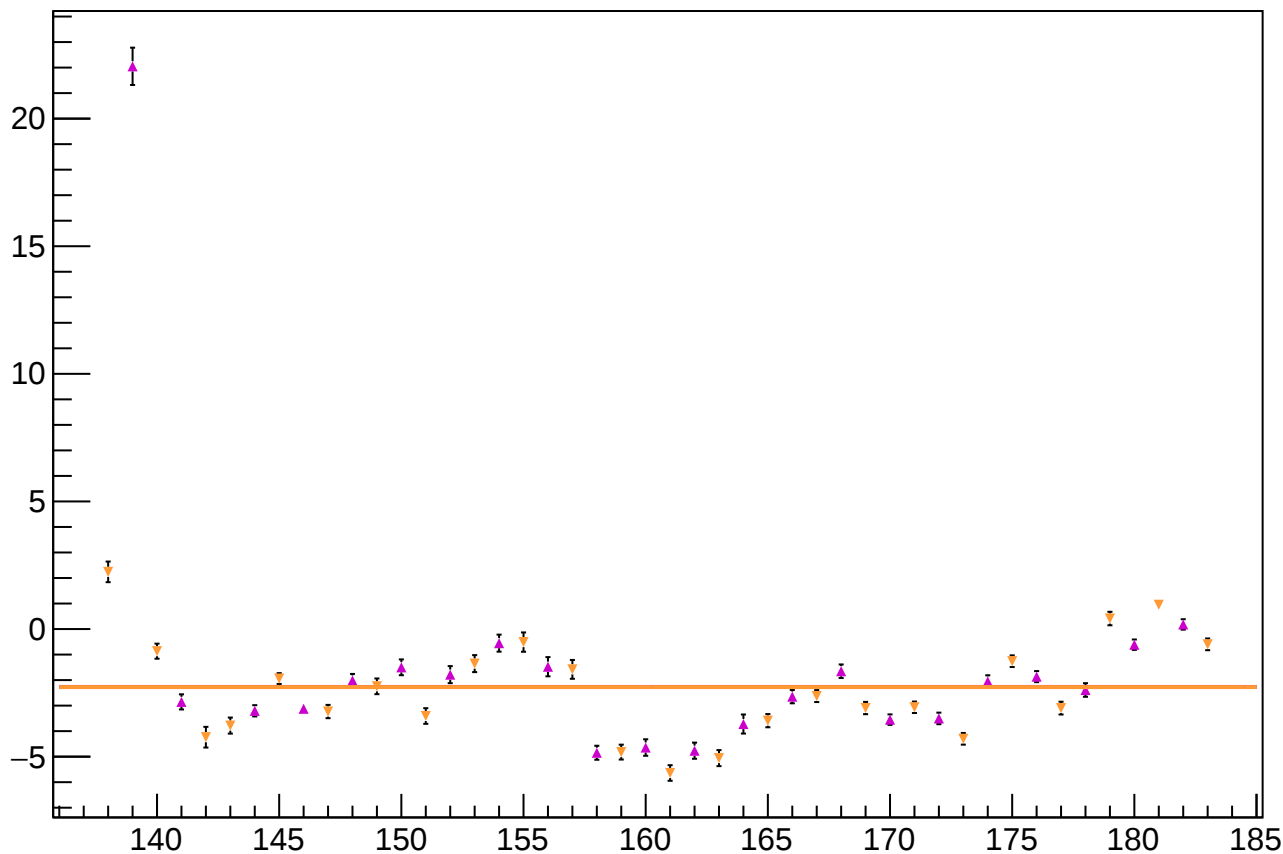
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.152+/-0.067 χ^2/NDF :2538.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.292+/-0.068 χ^2/NDF :2250.1/21

Left: -0.221+/-0.048 χ^2/NDF : 4790.8/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.292+/-0.068 χ^2/NDF :2250.1/21
 Out: -0.152+/-0.067 χ^2/NDF :2538.5/23
 All: -0.221+/-0.048 χ^2/NDF : 4790.8/45

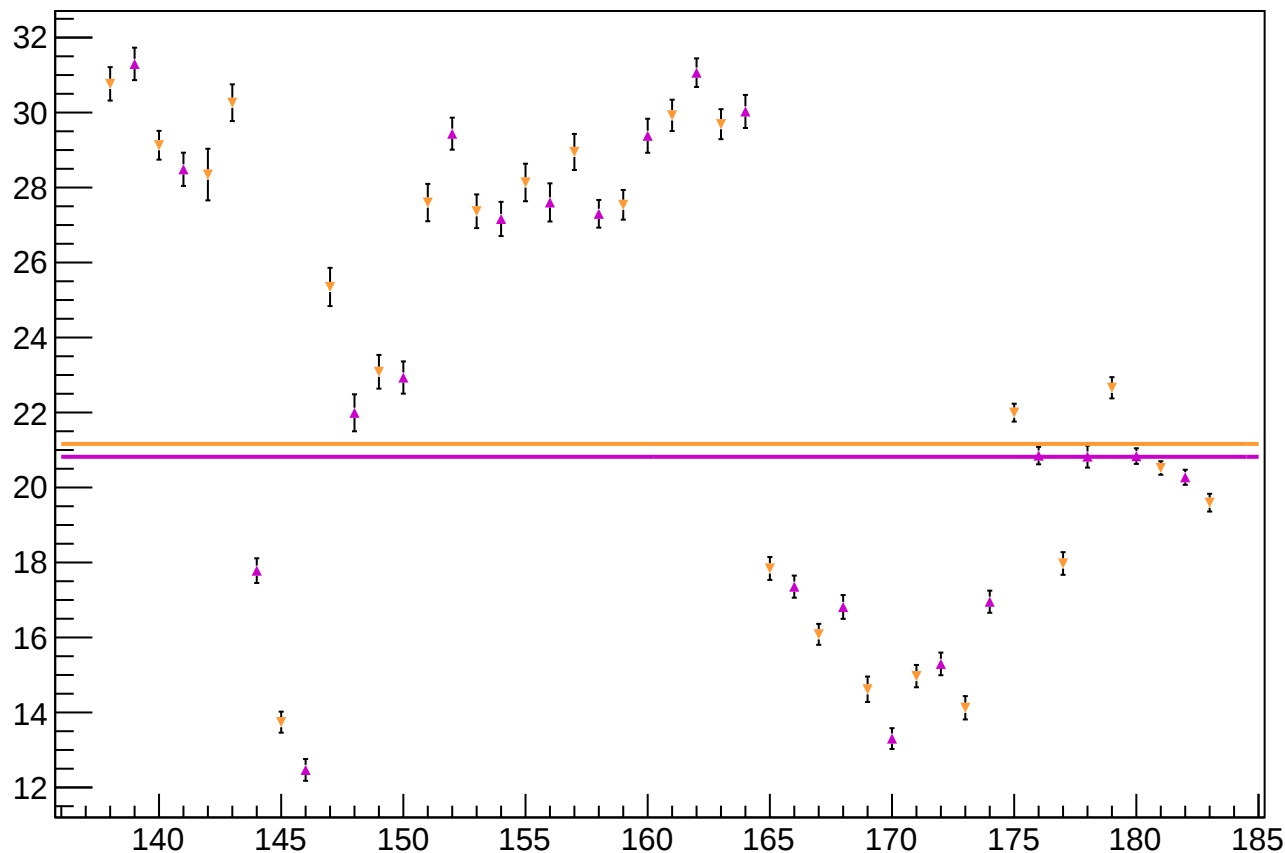
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.269+/-0.056 χ^2/NDF :1698.3/21

Left: -2.271+/-0.039 χ^2/NDF : 2833.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.269+/-0.056 χ^2/NDF :1698.3/21
 Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 All: -2.271+/-0.039 χ^2/NDF : 2833.2/45

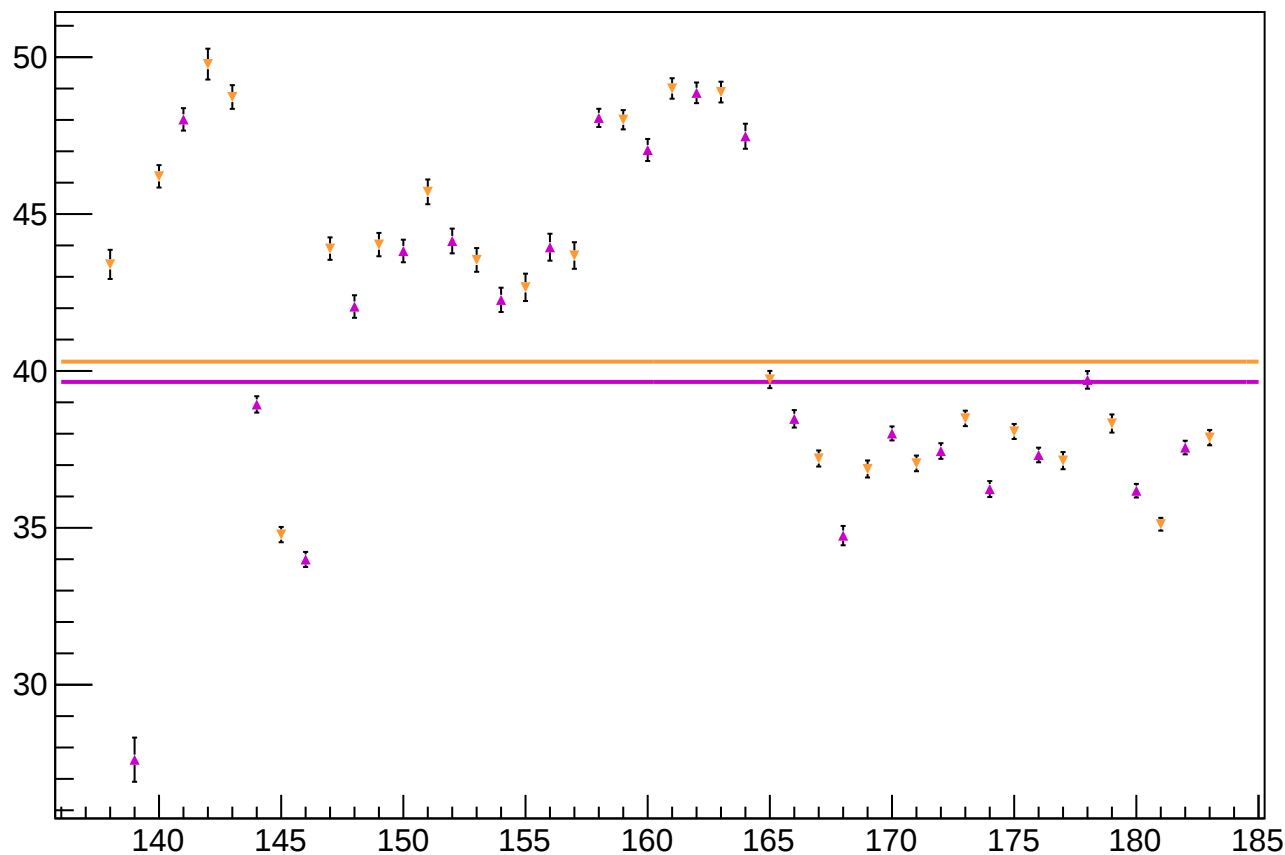
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.818+/-0.068 χ^2/NDF :5977.9/21

Left: 20.992+/-0.048 χ^2/NDF : 12066.2/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.818+/-0.068 χ^2/NDF :5977.9/21
 Out: 21.162+/-0.068 χ^2/NDF :6075.5/23
 All: 20.992+/-0.048 χ^2/NDF : 12066.2/45

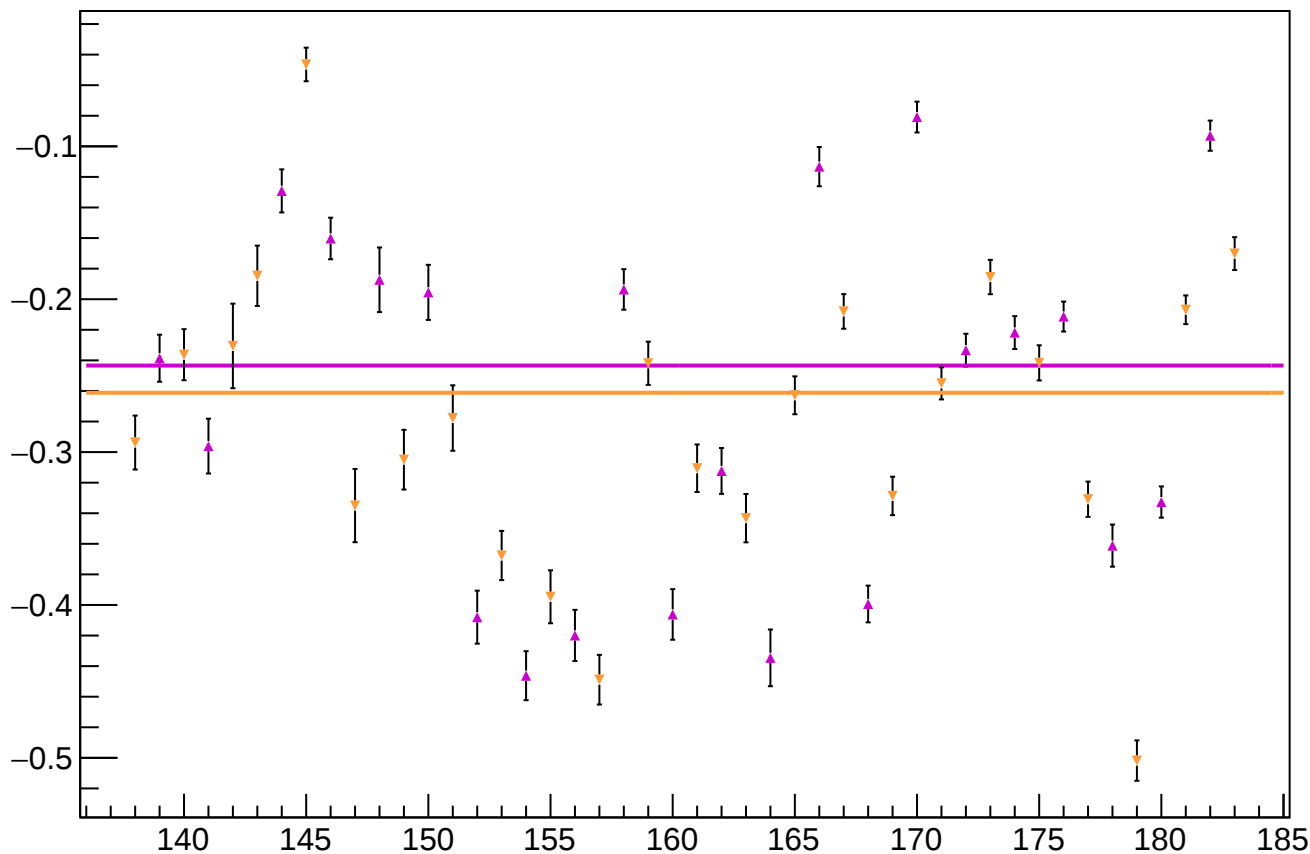
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21

Left: 39.978 $\pm$ 0.044 χ^2 /NDF: 11204.2/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21
 Out: 40.297 $\pm$ 0.061 χ^2 /NDF:5809.5/23
 All: 39.978 $\pm$ 0.044 χ^2 /NDF: 11204.2/45

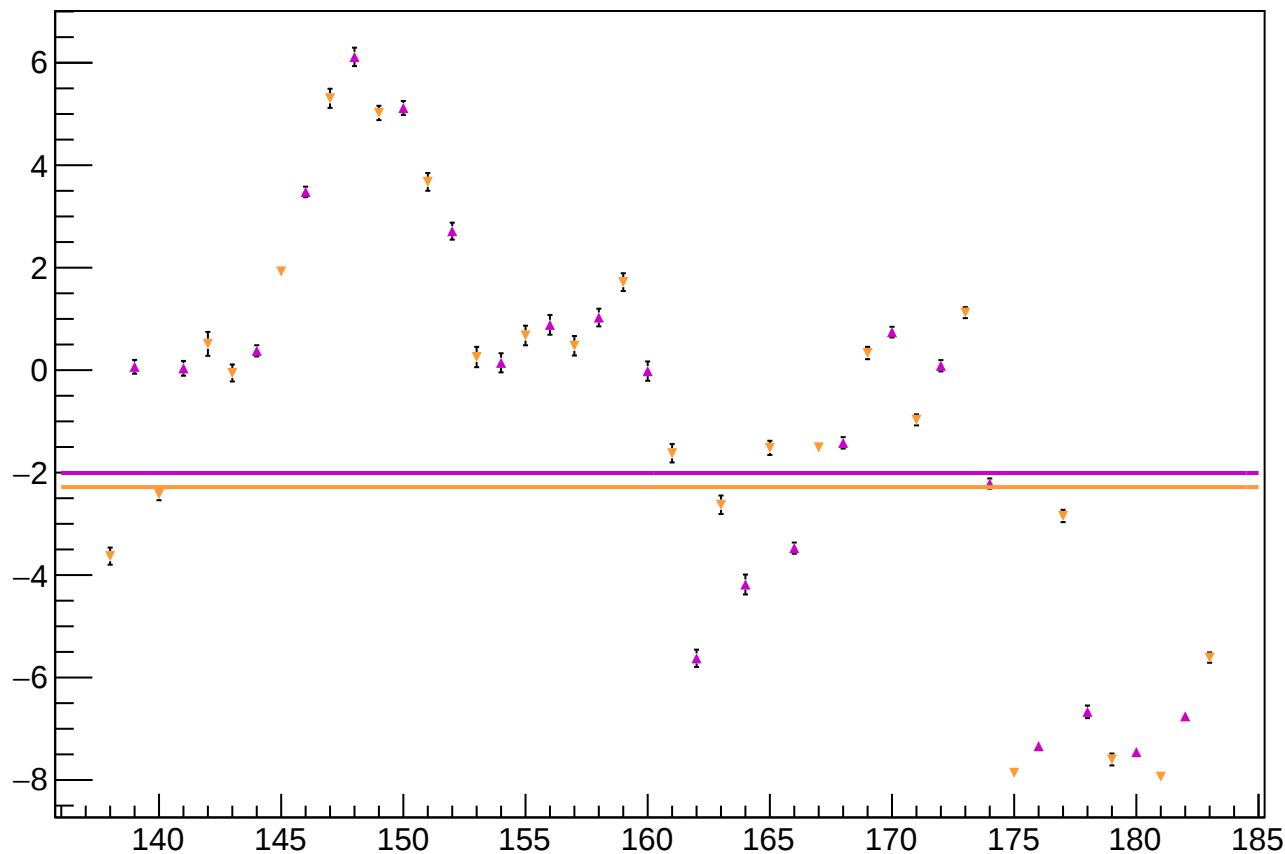
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.261 $\pm$ 0.003 χ^2 /NDF:1267.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.243 $\pm$ 0.003 χ^2 /NDF:1654.0/21

Left: -0.252 $\pm$ 0.002 χ^2 /NDF: 2941.6/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.243 $\pm$ 0.003 χ^2 /NDF:1654.0/21
 Out: -0.261 $\pm$ 0.003 χ^2 /NDF:1267.5/23
 All: -0.252 $\pm$ 0.002 χ^2 /NDF: 2941.6/45

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



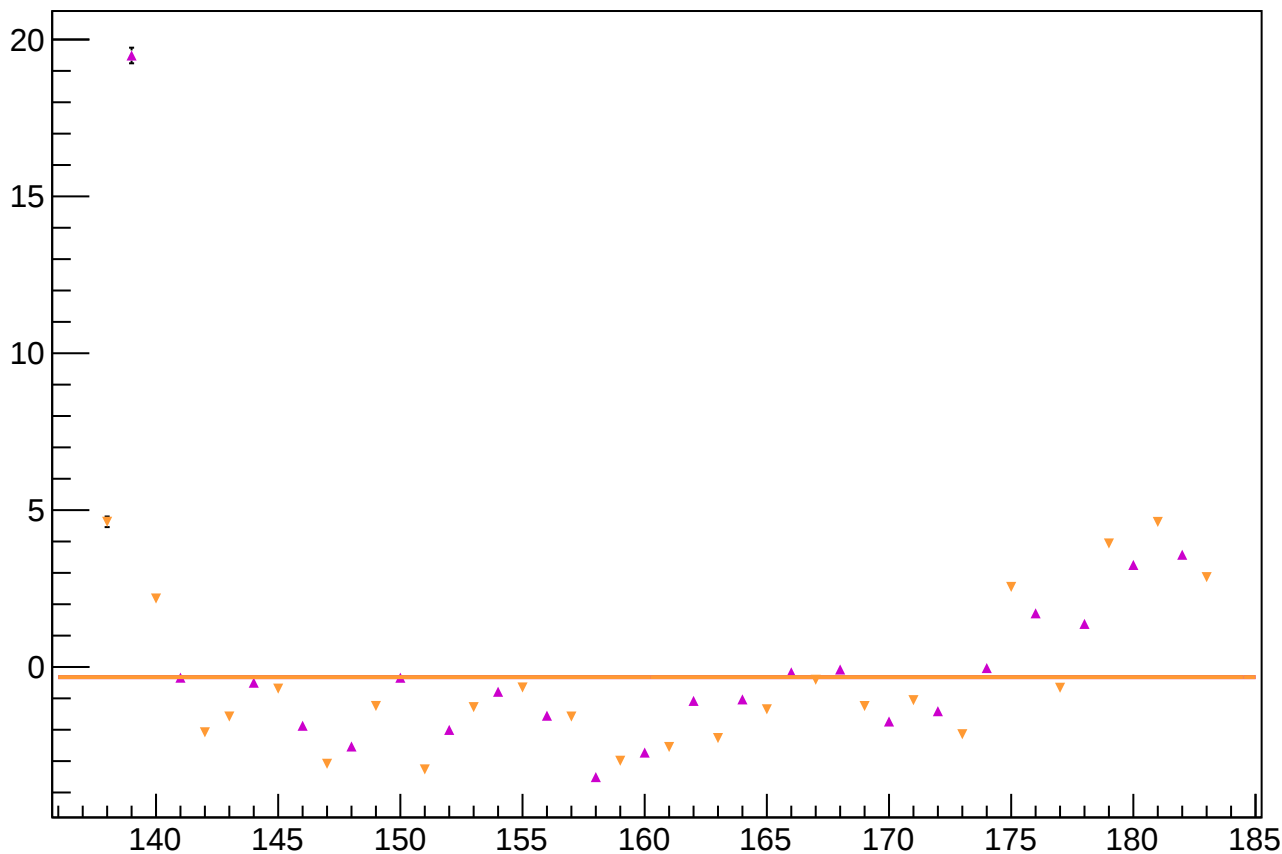
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.283+/-0.026 χ^2/NDF :23302.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.007+/-0.026 χ^2/NDF :23200.6/21

Left: -2.147+/-0.018 χ^2/NDF : 46559.0/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.007+/-0.026 χ^2/NDF :23200.6/21
 Out: -2.283+/-0.026 χ^2/NDF :23302.6/23

All: -2.147+/-0.018 χ^2/NDF : 46559.0/45

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



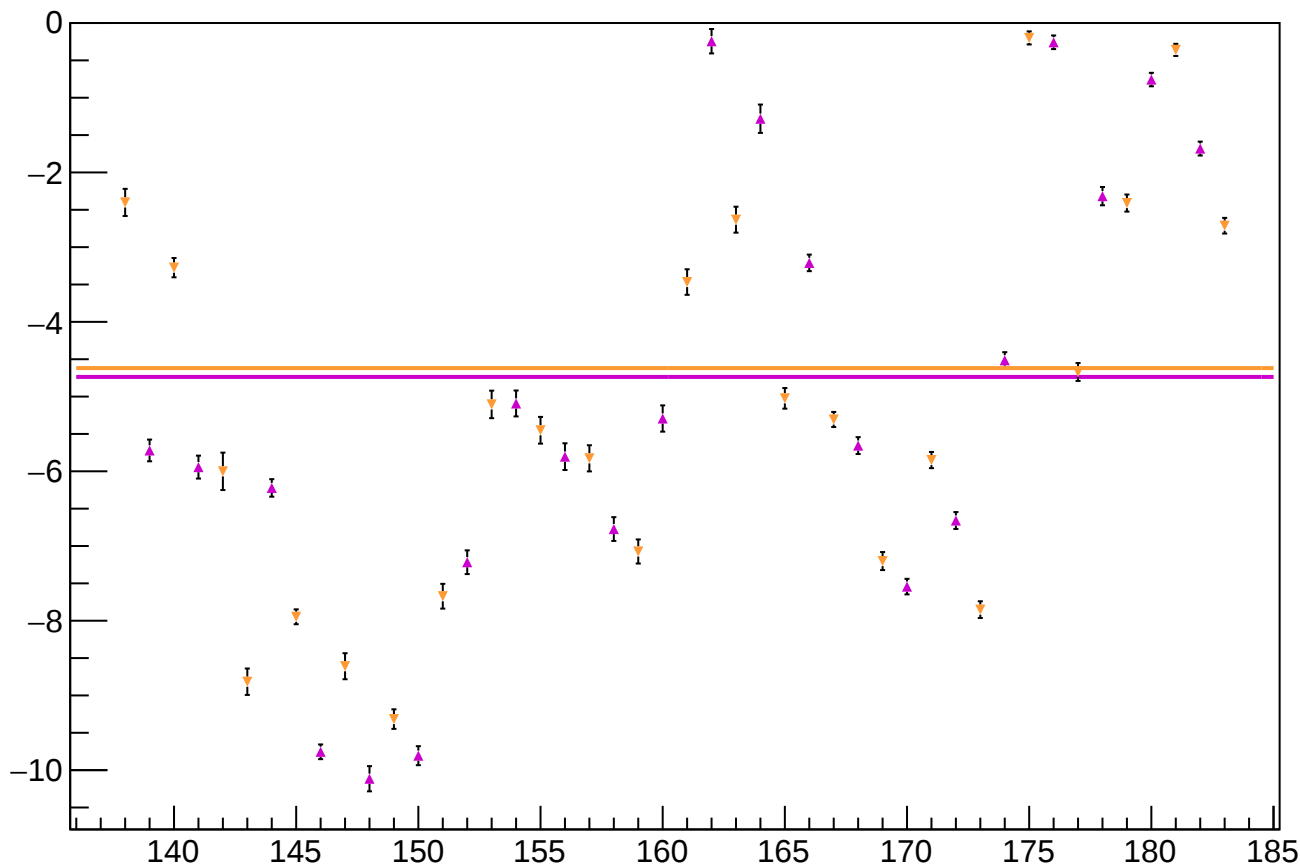
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.323+/-0.021 χ^2/NDF :12576.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.323+/-0.021 χ^2/NDF :13544.9/21

Left: -0.323+/-0.015 χ^2/NDF : 26121.7/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.323+/-0.021 χ^2/NDF :13544.9/21
 Out: -0.323+/-0.021 χ^2/NDF :12576.8/23

All: -0.323+/-0.015 χ^2/NDF : 26121.7/45

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



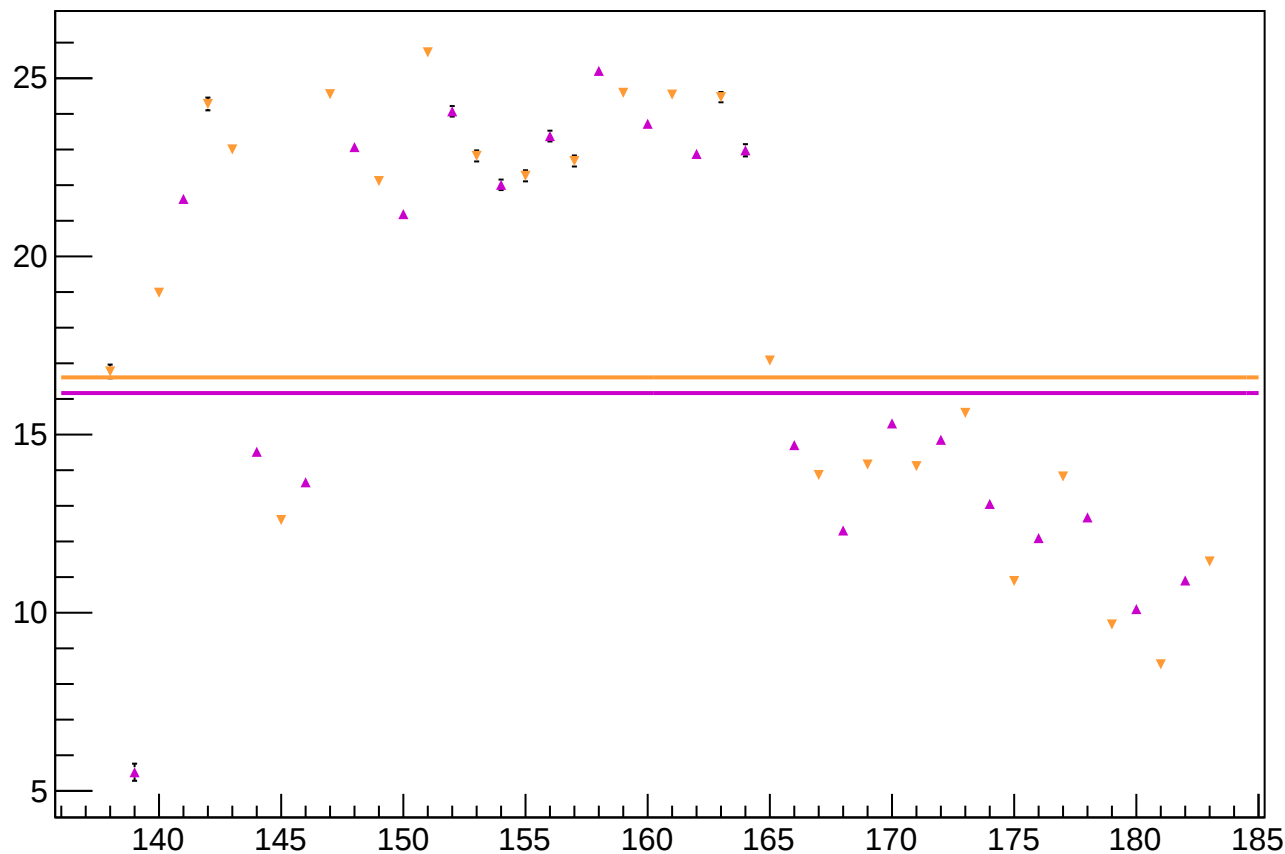
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.737 $\pm$ 0.026 χ^2 /NDF:14116.8/21

Left: -4.677 $\pm$ 0.019 χ^2 /NDF: 26199.3/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.737 $\pm$ 0.026 χ^2 /NDF:14116.8/21
 Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23

All: -4.677 $\pm$ 0.019 χ^2 /NDF: 26199.3/45

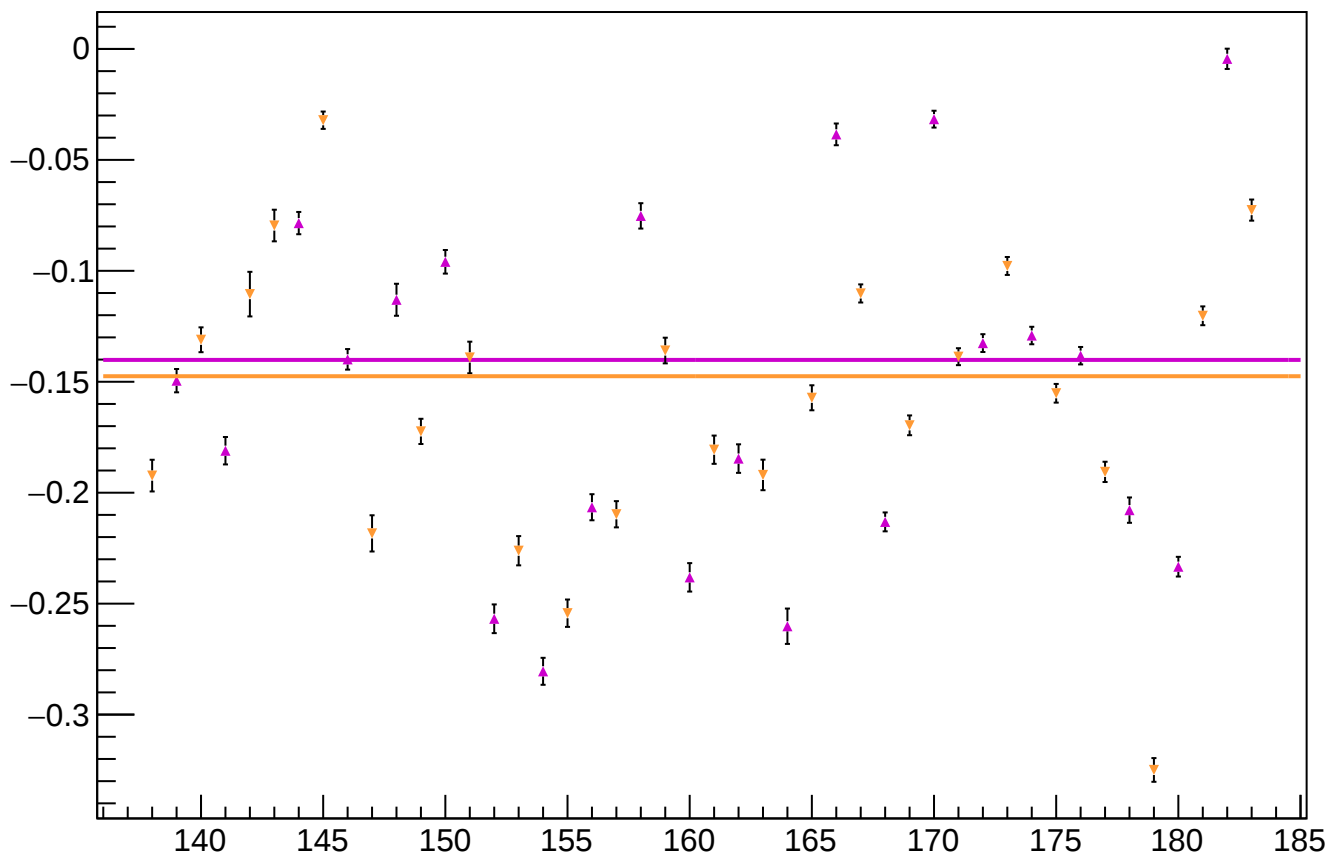
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.605+/-0.023 χ^2/NDF :53683.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.165+/-0.024 χ^2/NDF :41861.9/21

Left: 16.388+/-0.017 χ^2/NDF : 95719.9/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.165+/-0.024 χ^2/NDF :41861.9/21
 Out: 16.605+/-0.023 χ^2/NDF :53683.0/23
 All: 16.388+/-0.017 χ^2/NDF : 95719.9/45

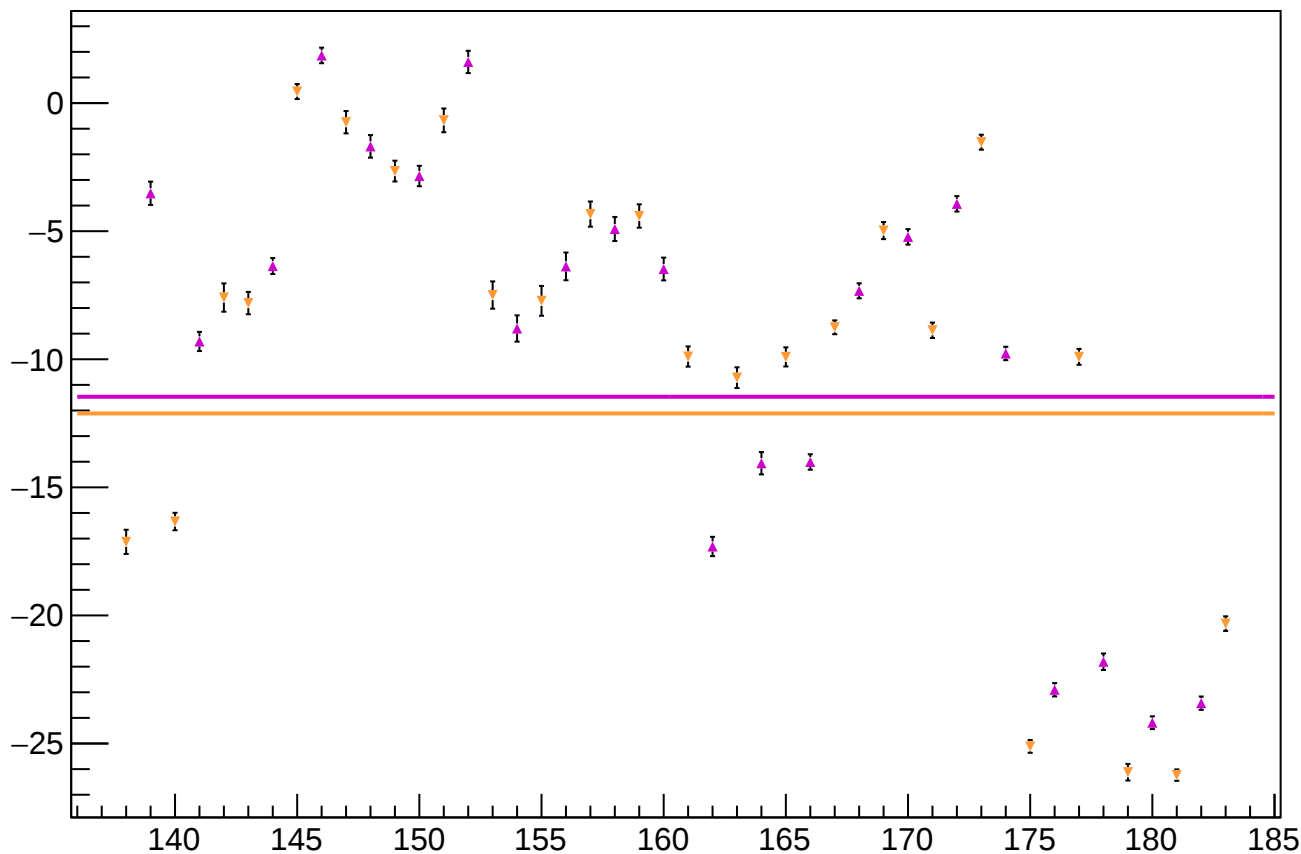
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.140 $\pm$ 0.001 χ^2 /NDF:4917.8/21

Left: -0.144 $\pm$ 0.001 χ^2 /NDF: 8437.6/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.140 $\pm$ 0.001 χ^2 /NDF:4917.8/21
 Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 All: -0.144 $\pm$ 0.001 χ^2 /NDF: 8437.6/45

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: -12.115+/-0.071 χ^2/NDF :16366.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Left: -11.794+/-0.051 χ^2/NDF : 30530.6/45

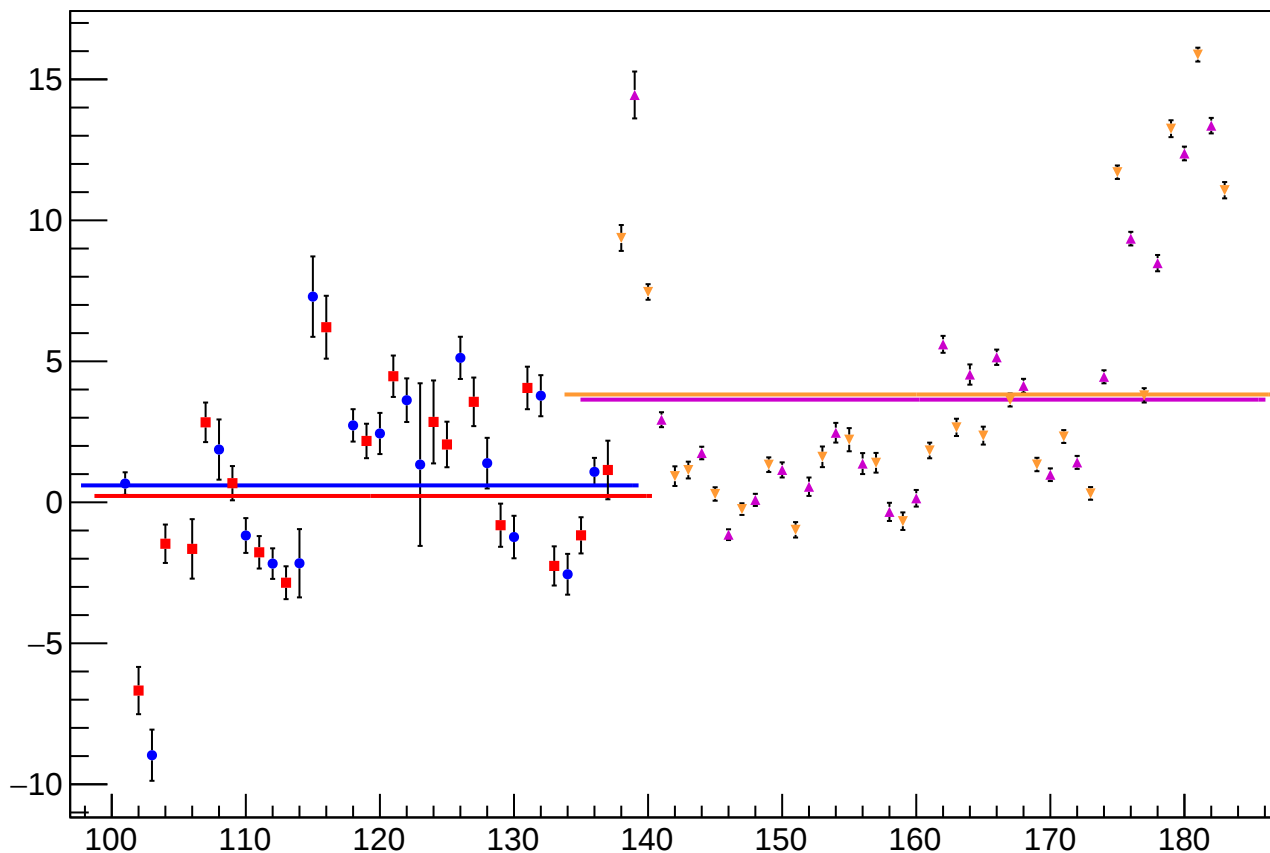
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Out: -12.115+/-0.071 χ^2/NDF :16366.2/23

All: -11.794+/-0.051 χ^2/NDF : 30530.6/45

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 3.824 ± 0.056 χ^2/NDF : 7363.4/23

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 3.641 ± 0.057 χ^2/NDF : 5364.4/21

Left: 3.734 ± 0.040 χ^2/NDF : 12733.1/45

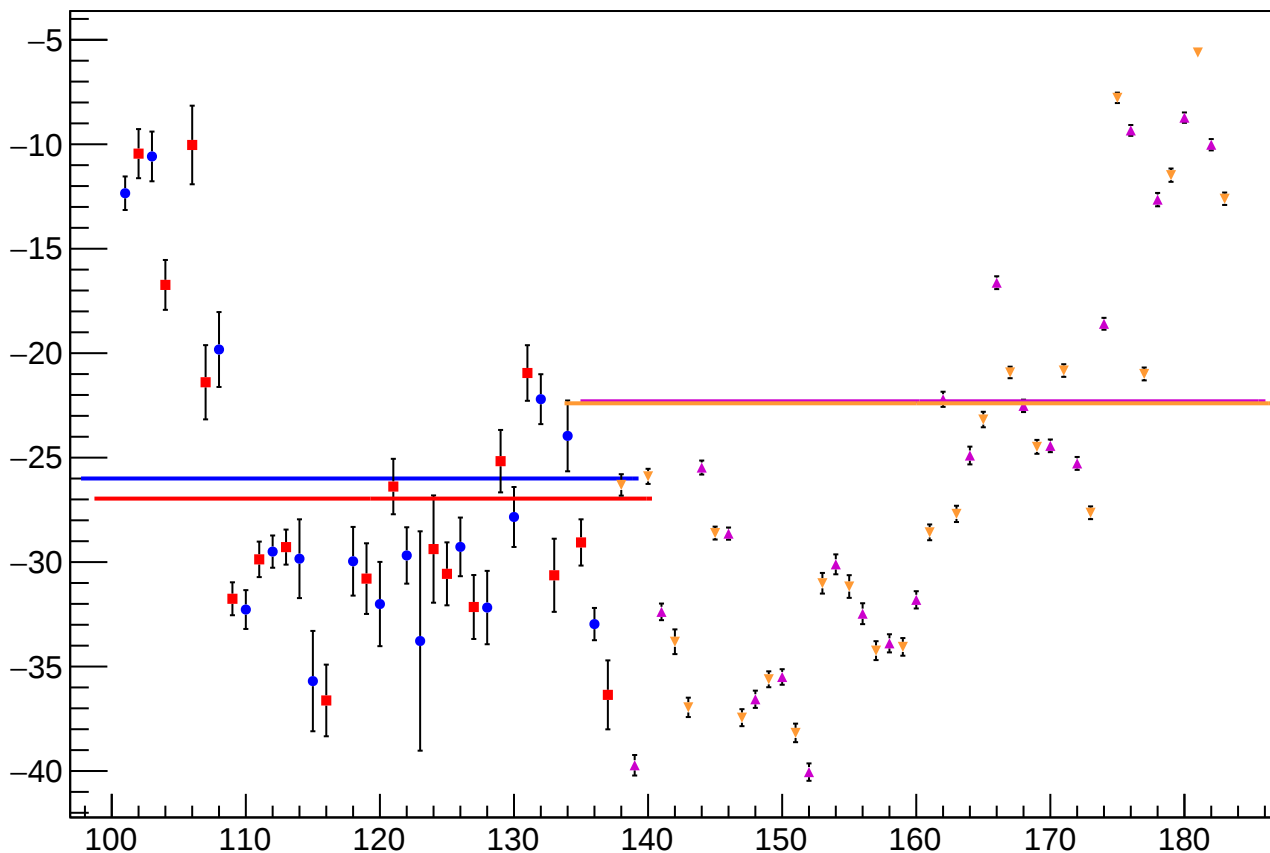
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 3.333 ± 0.054 χ^2/NDF : 5946.5/38

Out: 3.490 ± 0.053 χ^2/NDF : 8021.3/41

All: 3.412 ± 0.038 χ^2/NDF : 13972.1/80

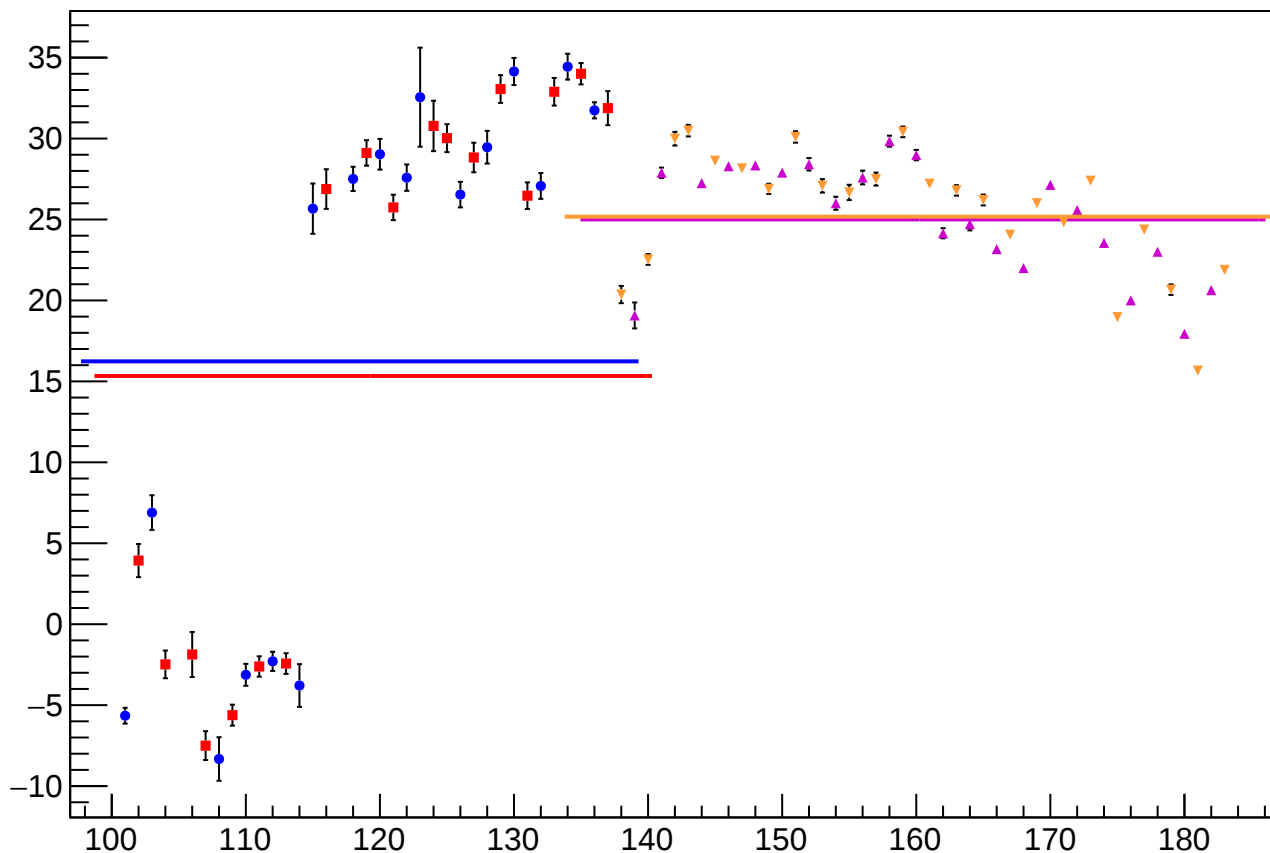
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 $\pm$ 0.300 χ^2 /NDF: 692.6/16
 Left Out: -22.400 $\pm$ 0.071 χ^2 /NDF:19551.3/23
 Right Out: -26.960 $\pm$ 0.298 χ^2 /NDF: 535.4/17
 Left In: -22.303 $\pm$ 0.072 χ^2 /NDF:17818.9/21

Left: -22.352 $\pm$ 0.051 χ^2 /NDF: 37371.1/45
 Right: -26.482 $\pm$ 0.212 χ^2 /NDF: 1233.2/34
 In: -22.504 $\pm$ 0.070 χ^2 /NDF:18654.9/38
 Out: -22.647 $\pm$ 0.069 χ^2 /NDF:20307.9/41
 All: -22.576 $\pm$ 0.049 χ^2 /NDF: 38964.8/80

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: 25.175 $\pm$ 0.063 χ^2 /NDF:3729.6/23

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.004 $\pm$ 0.064 χ^2 /NDF:2733.6/21

Left: 25.091 $\pm$ 0.045 χ^2 /NDF: 6466.8/45

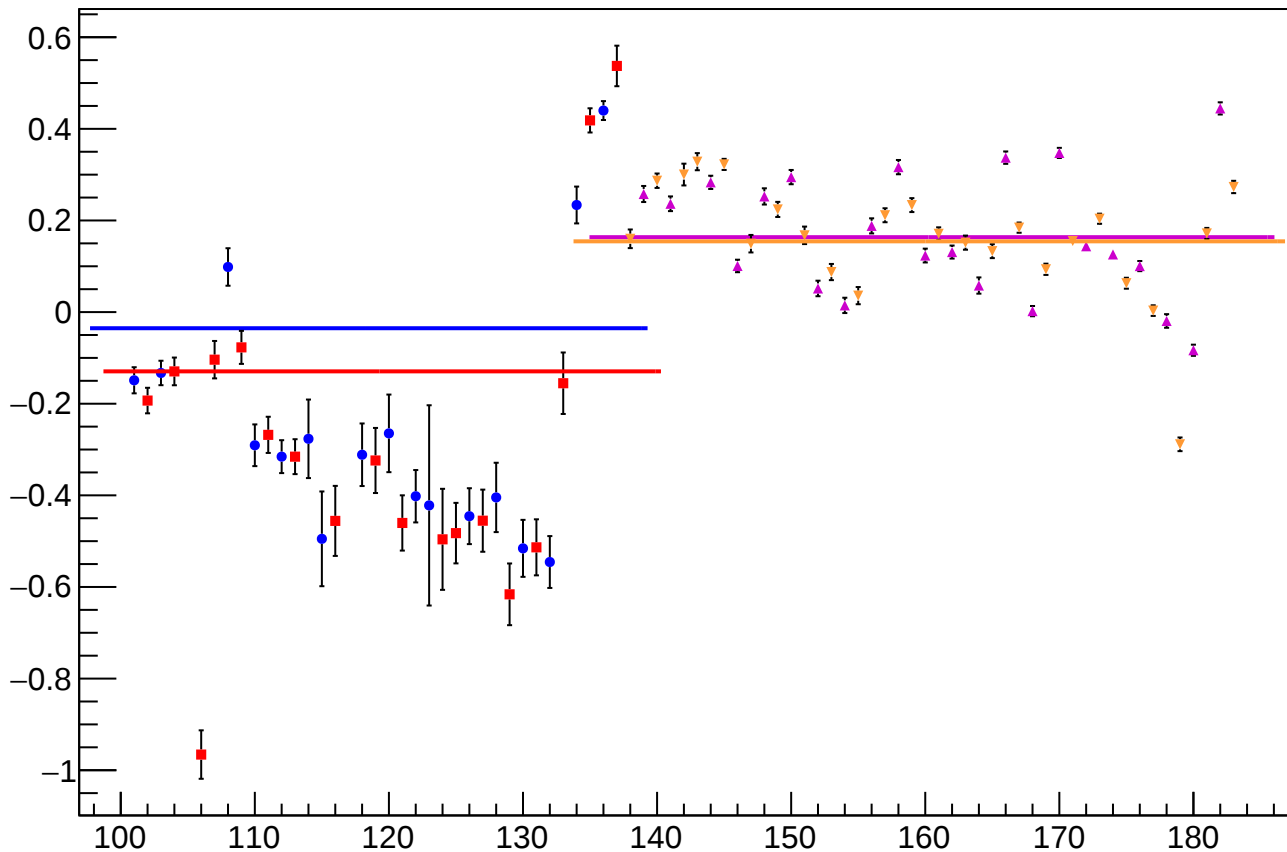
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.119 $\pm$ 0.061 χ^2 /NDF:12200.0/38

Out: 24.259 $\pm$ 0.060 χ^2 /NDF:13248.4/41

All: 24.190 $\pm$ 0.043 χ^2 /NDF: 25451.2/80

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: 0.154 ± 0.003 χ^2/NDF : 1744.7/23

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.164 ± 0.003 χ^2/NDF : 2208.2/21

Left: 0.159 ± 0.002 χ^2/NDF : 3957.7/45

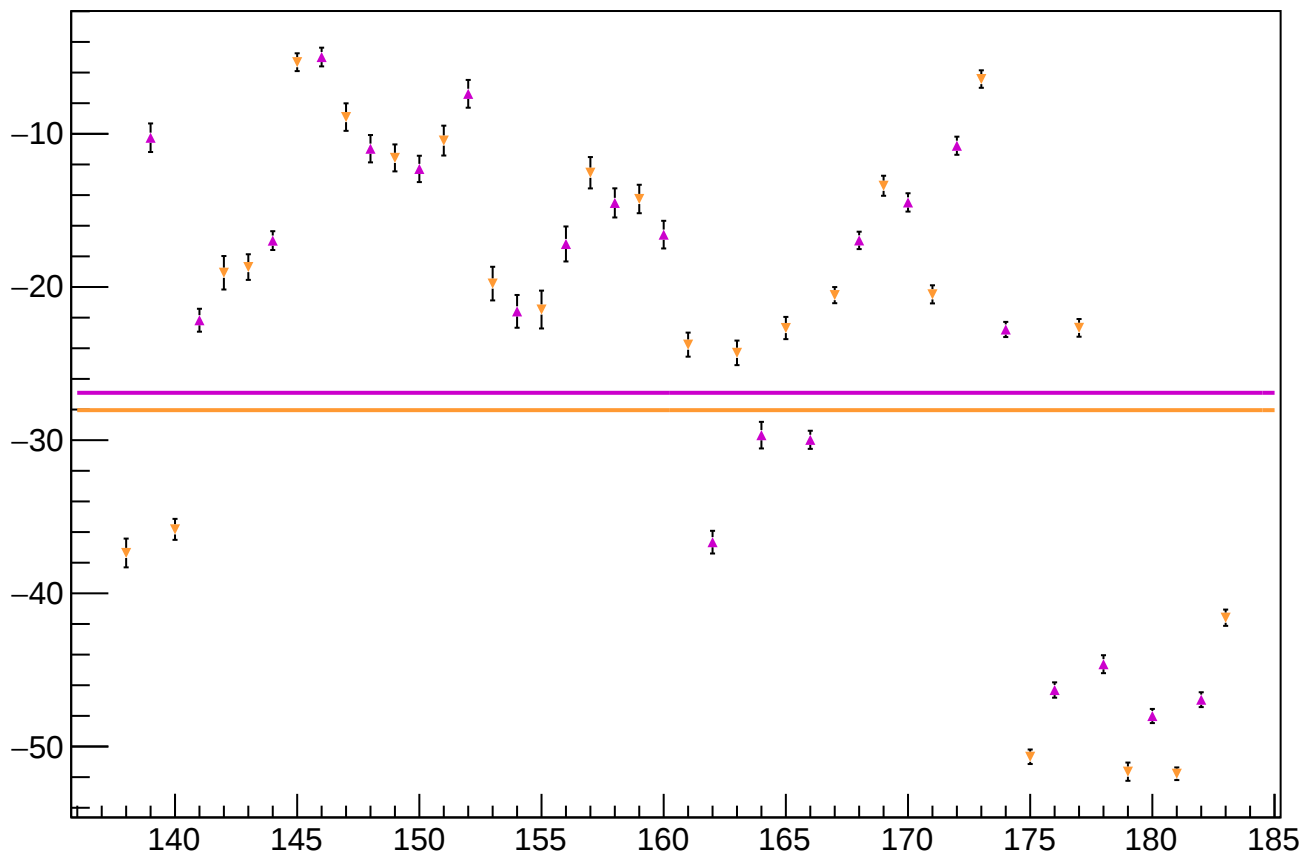
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.149 ± 0.003 χ^2/NDF : 3564.8/38

Out: 0.134 ± 0.003 χ^2/NDF : 3598.4/41

All: 0.141 ± 0.002 χ^2/NDF : 7177.1/80

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: -28.041+/-0.138 χ^2/NDF :13905.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Left: -27.482+/-0.099 χ^2/NDF : 25289.4/45

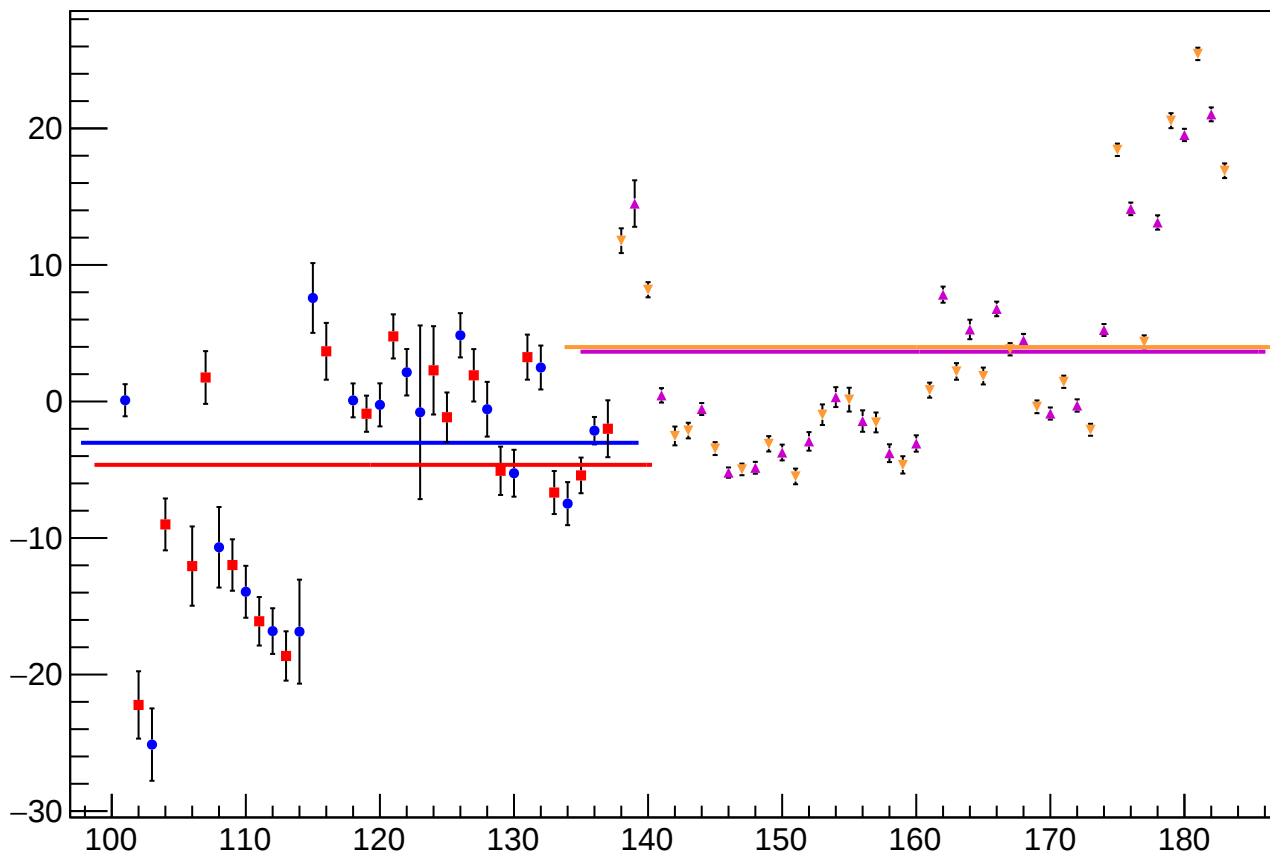
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

All: -27.482+/-0.099 χ^2/NDF : 25289.4/45

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: 3.985 ± 0.110 $\chi^2/\text{NDF}: 6846.0/23$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: 3.644 ± 0.112 $\chi^2/\text{NDF}: 5192.4/21$

Left: 3.817 ± 0.078 $\chi^2/\text{NDF}: 12043.2/45$

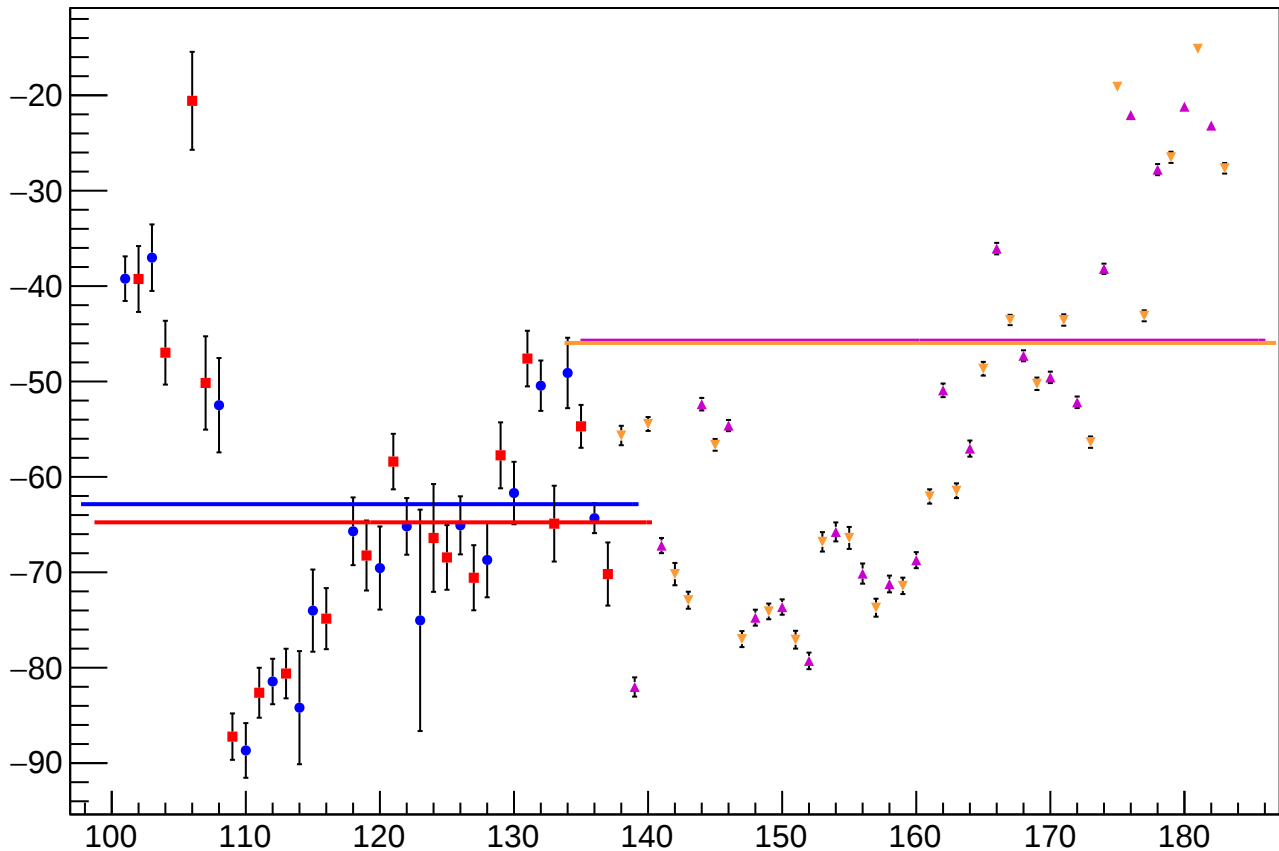
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: 3.179 ± 0.108 $\chi^2/\text{NDF}: 5721.5/38$

Out: 3.446 ± 0.107 $\chi^2/\text{NDF}: 7524.1/41$

All: 3.314 ± 0.076 $\chi^2/\text{NDF}: 13248.8/80$

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: -45.958 ± 0.139 χ^2/NDF : 19825.8/23

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -45.720 ± 0.141 χ^2/NDF : 17718.9/21

Left: -45.840 ± 0.099 χ^2/NDF : 37546.1/45

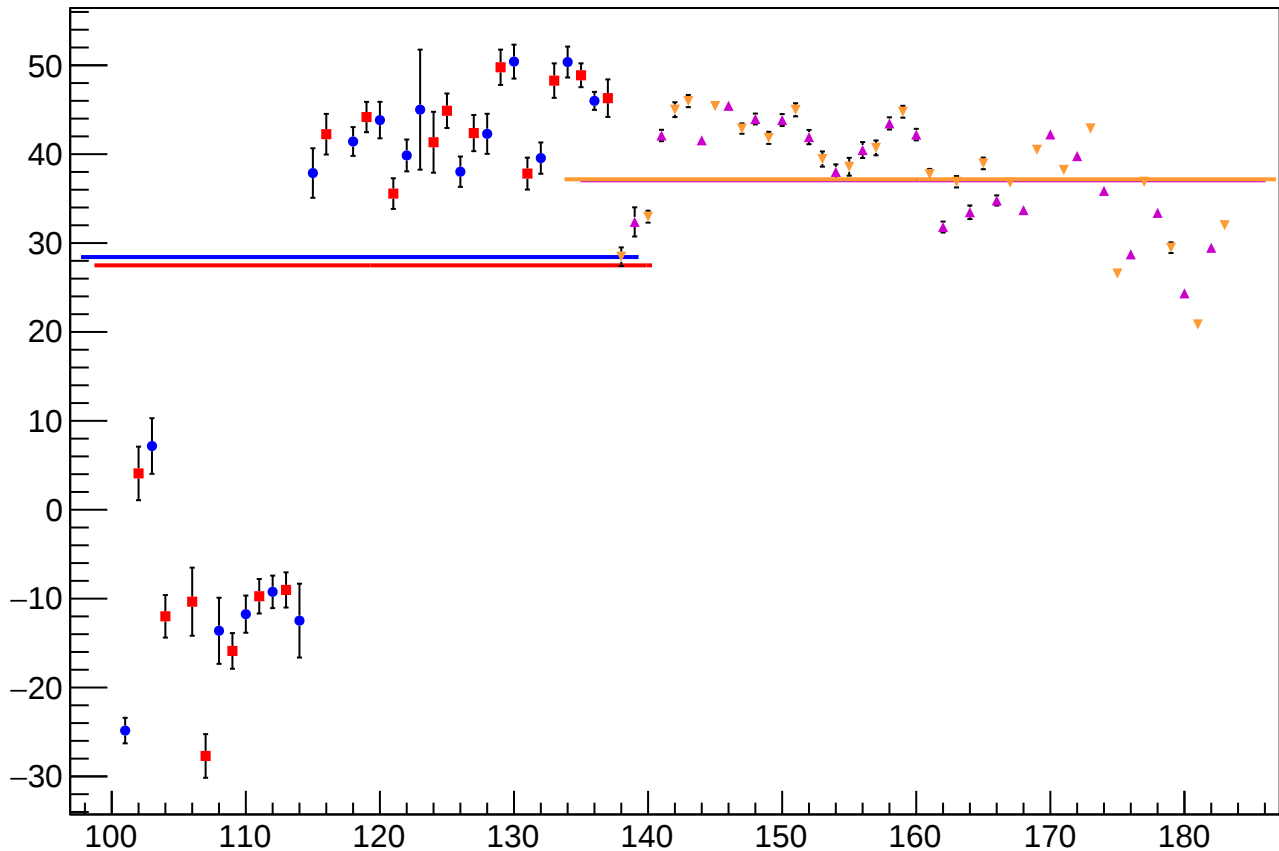
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -46.319 ± 0.138 χ^2/NDF : 18605.7/38

Out: -46.580 ± 0.137 χ^2/NDF : 20845.0/41

All: -46.451 ± 0.097 χ^2/NDF : 39452.4/80

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: 37.173 $\pm$ 0.124 χ^2 /NDF:3058.6/23

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 37.064 $\pm$ 0.126 χ^2 /NDF:2404.5/21

Left: 37.119 $\pm$ 0.088 χ^2 /NDF: 5463.4/45

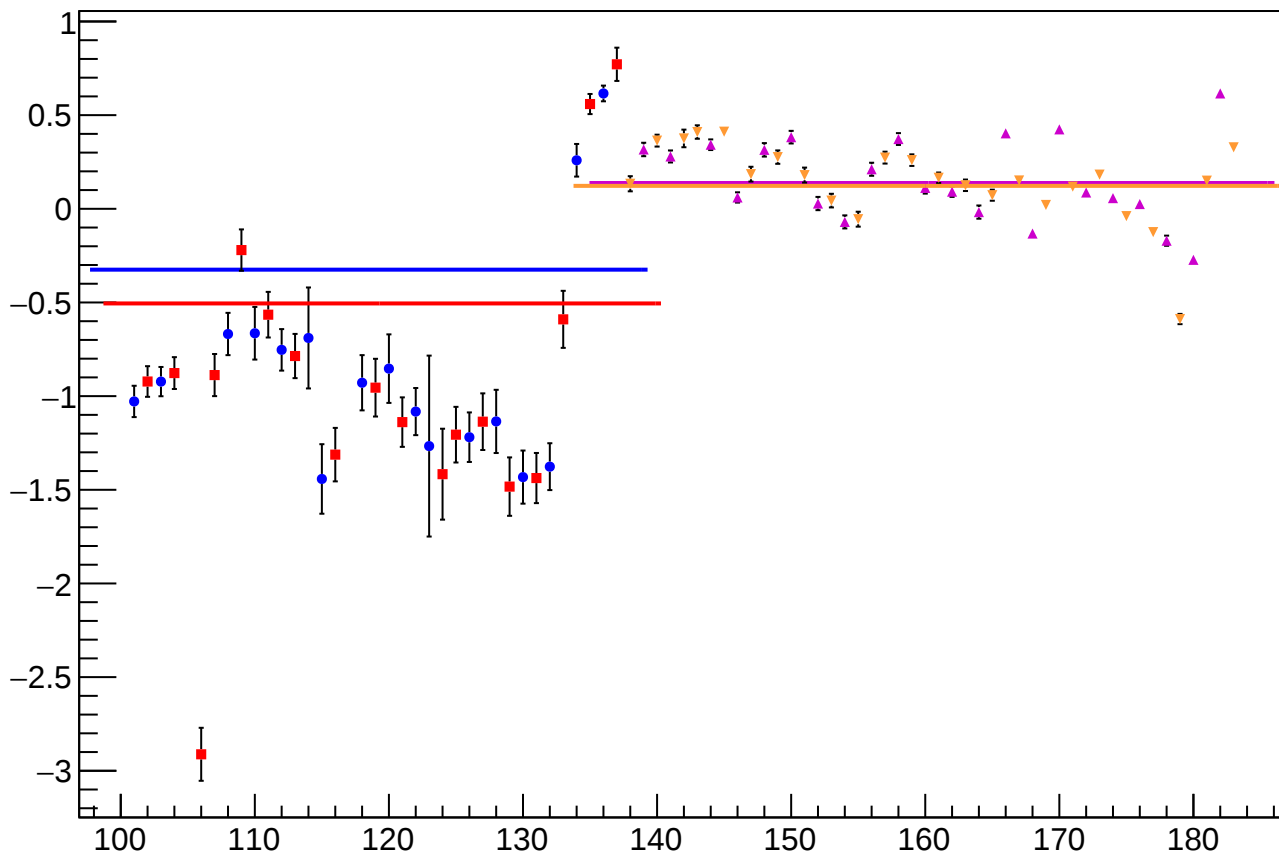
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.458 $\pm$ 0.121 χ^2 /NDF:6057.9/38

Out: 36.564 $\pm$ 0.120 χ^2 /NDF:6469.5/41

All: 36.511 $\pm$ 0.085 χ^2 /NDF: 12527.7/80

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: 0.122 ± 0.006 χ^2/NDF : 1337.8/23

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.138 ± 0.006 χ^2/NDF : 1616.4/21

Left: 0.130 ± 0.004 χ^2/NDF : 2957.7/45

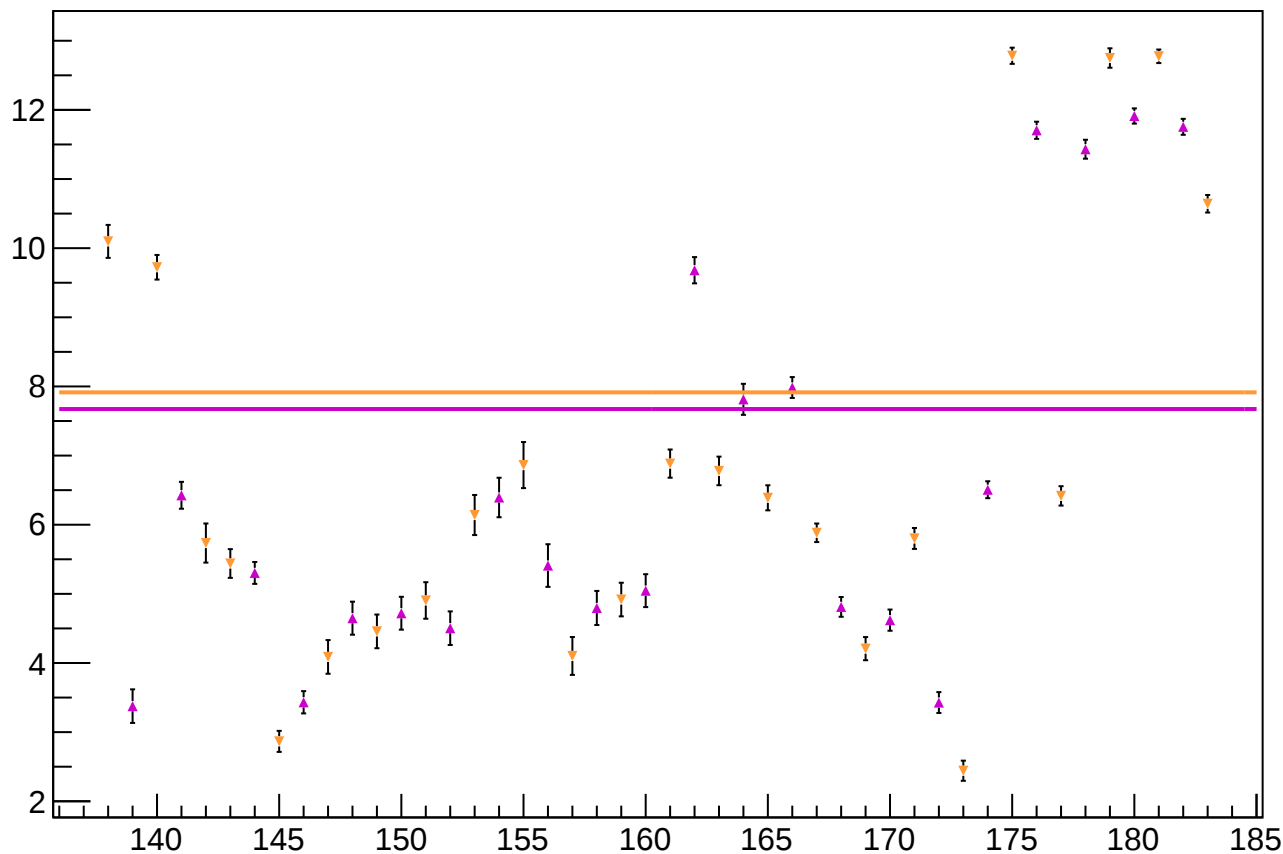
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.114 ± 0.006 χ^2/NDF : 2955.2/38

Out: 0.093 ± 0.006 χ^2/NDF : 3066.7/41

All: 0.104 ± 0.004 χ^2/NDF : 6029.1/80

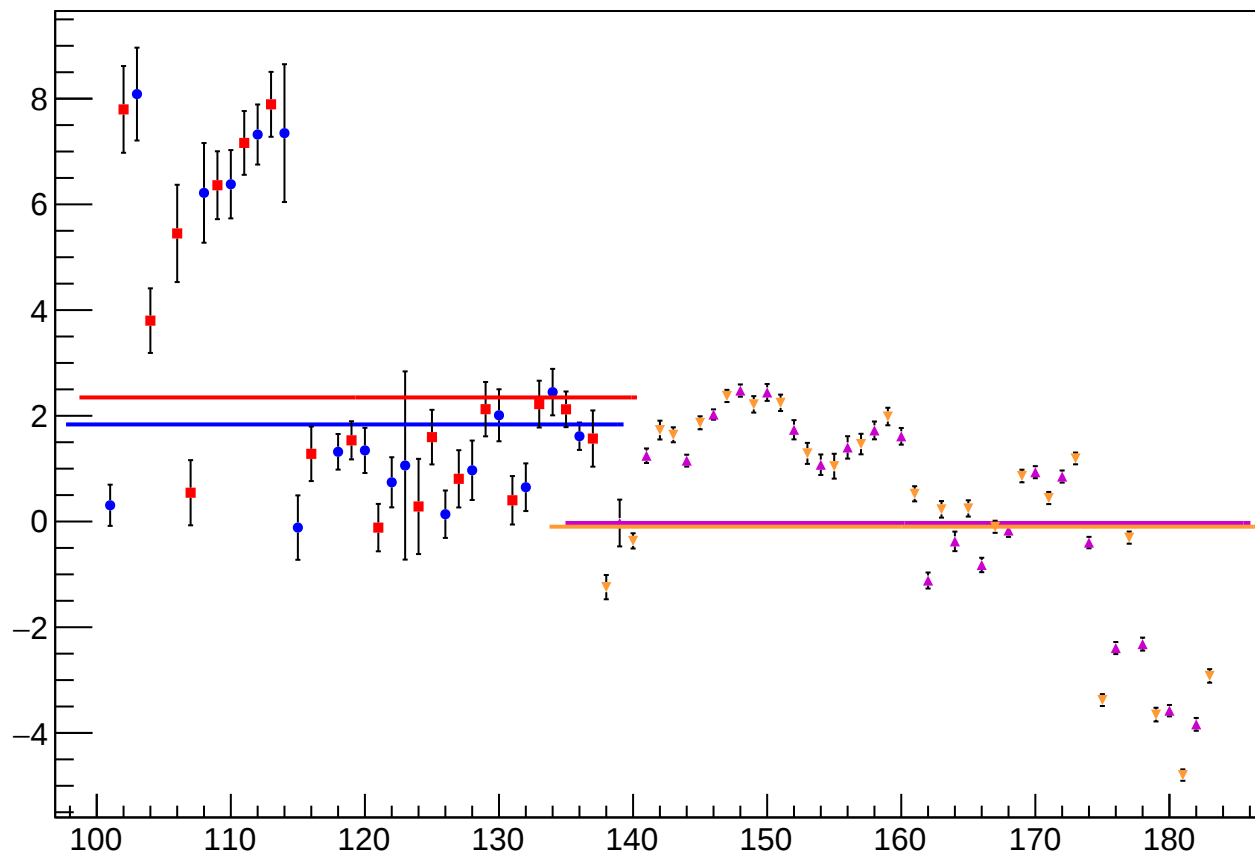
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.673 $\pm$ 0.035 χ^2 /NDF:8425.1/21

Left: 7.796 $\pm$ 0.025 χ^2 /NDF: 19309.9/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.673 $\pm$ 0.035 χ^2 /NDF:8425.1/21
 Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 All: 7.796 $\pm$ 0.025 χ^2 /NDF: 19309.9/45

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: -0.098 ± 0.028 $\chi^2/\text{NDF}: 5974.4/23$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: -0.028 ± 0.028 $\chi^2/\text{NDF}: 4804.3/21$

Left: -0.063 ± 0.020 $\chi^2/\text{NDF}: 10781.8/45$

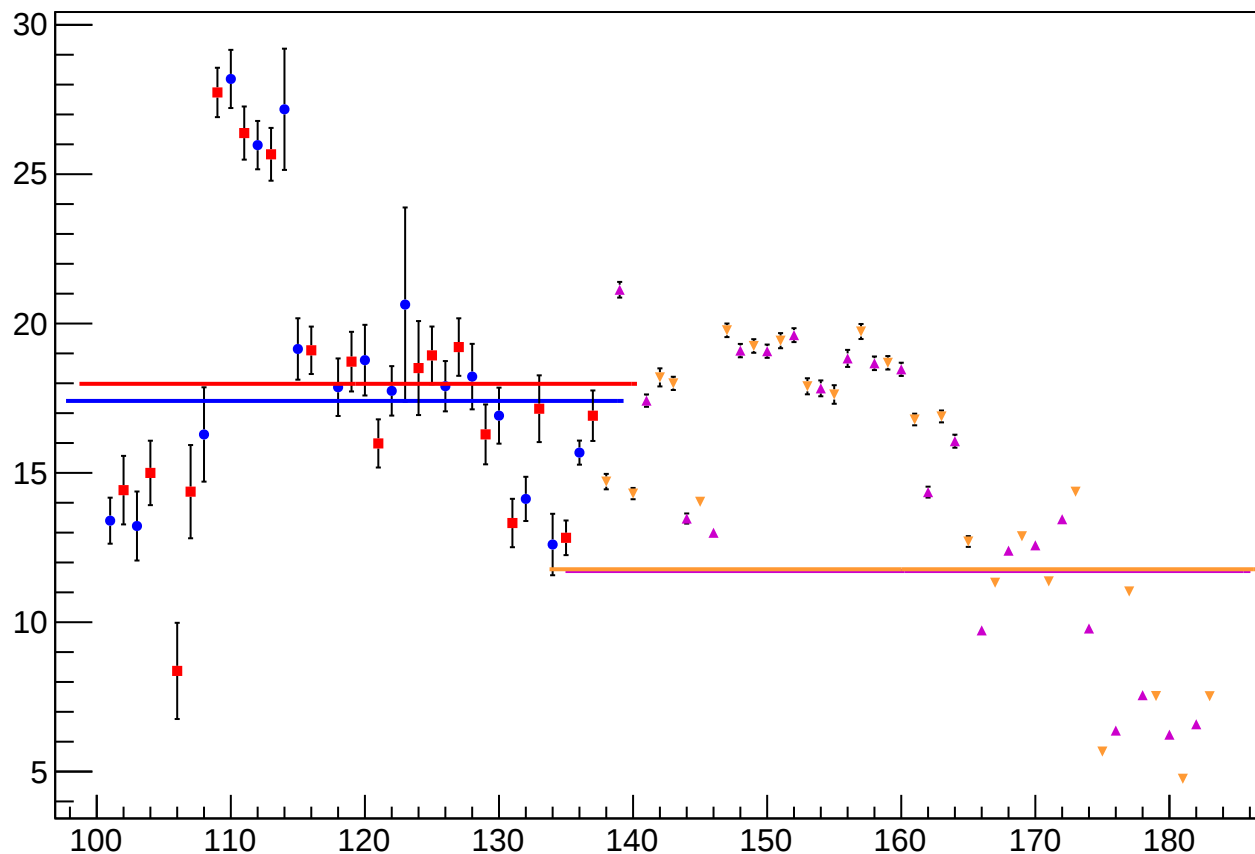
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.077 ± 0.028 $\chi^2/\text{NDF}: 5341.5/38$

Out: 0.024 ± 0.027 $\chi^2/\text{NDF}: 6682.5/41$

All: 0.050 ± 0.019 $\chi^2/\text{NDF}: 12025.9/80$

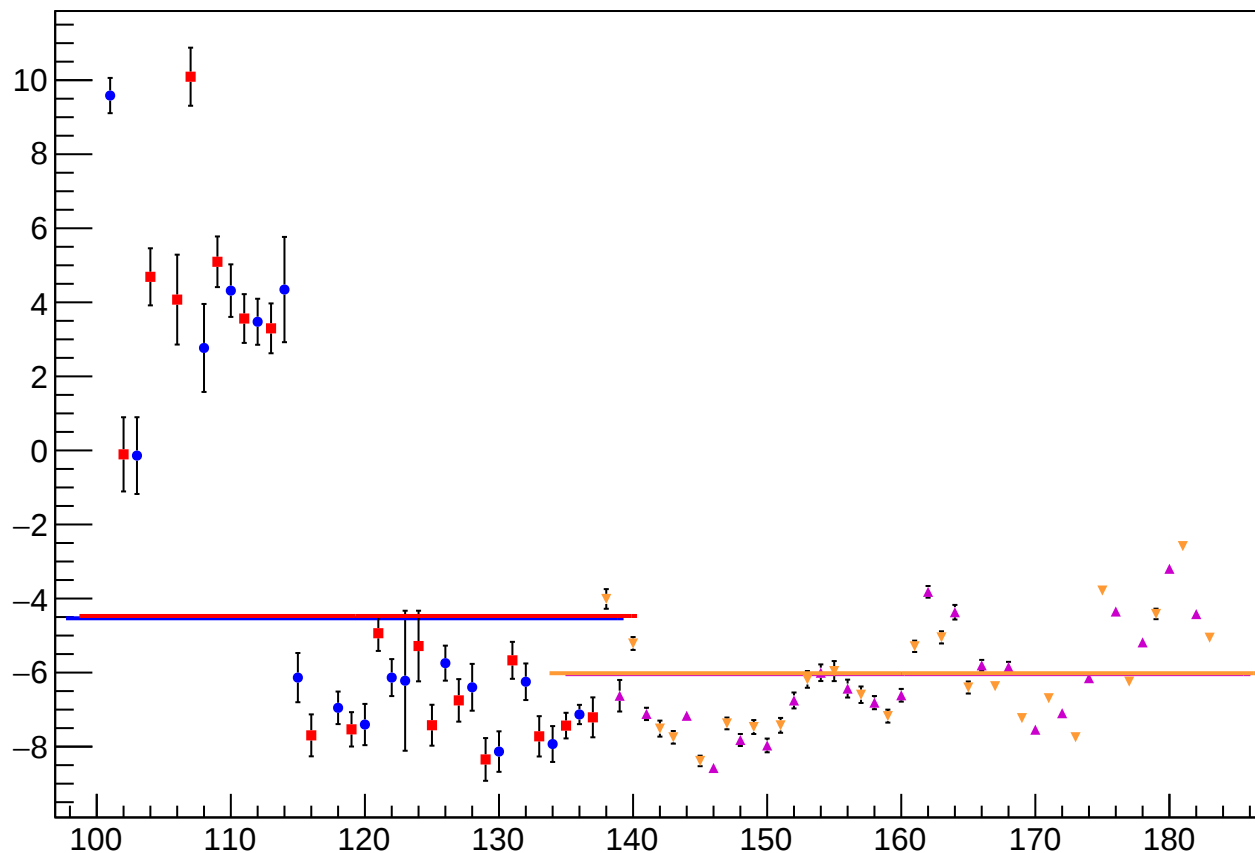
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 11.773 $\pm$ 0.035 χ^2 /NDF:18929.8/23
 Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17
 Left In: 11.714 $\pm$ 0.035 χ^2 /NDF:16896.9/21

Left: 11.744 $\pm$ 0.025 χ^2 /NDF: 35828.2/45
 Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34
 In: 11.869 $\pm$ 0.035 χ^2 /NDF:17964.4/38
 Out: 11.928 $\pm$ 0.035 χ^2 /NDF:20202.2/41
 All: 11.899 $\pm$ 0.025 χ^2 /NDF: 38168.0/80

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: -6.017 ± 0.031 χ^2/NDF : 2547.3/23

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.042 ± 0.032 χ^2/NDF : 2300.4/21

Left: -6.030 ± 0.022 χ^2/NDF : 4847.9/45

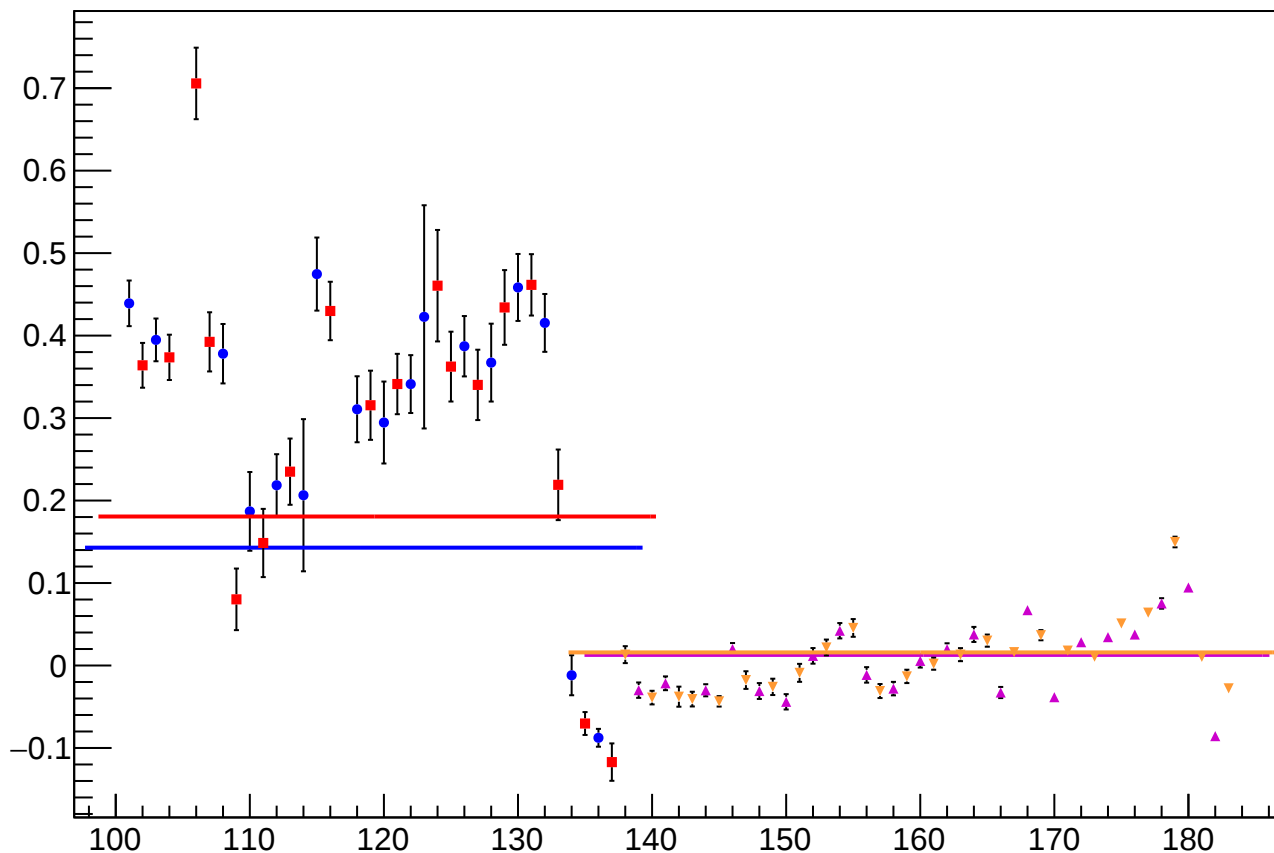
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.956 ± 0.031 χ^2/NDF : 4016.4/38

Out: -5.940 ± 0.031 χ^2/NDF : 4007.7/41

All: -5.948 ± 0.022 χ^2/NDF : 8024.3/80

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.016 $\pm$ 0.001 χ^2 /NDF:901.4/23

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.013 $\pm$ 0.001 χ^2 /NDF:1064.3/21

Left: 0.014 $\pm$ 0.001 χ^2 /NDF: 1968.0/45

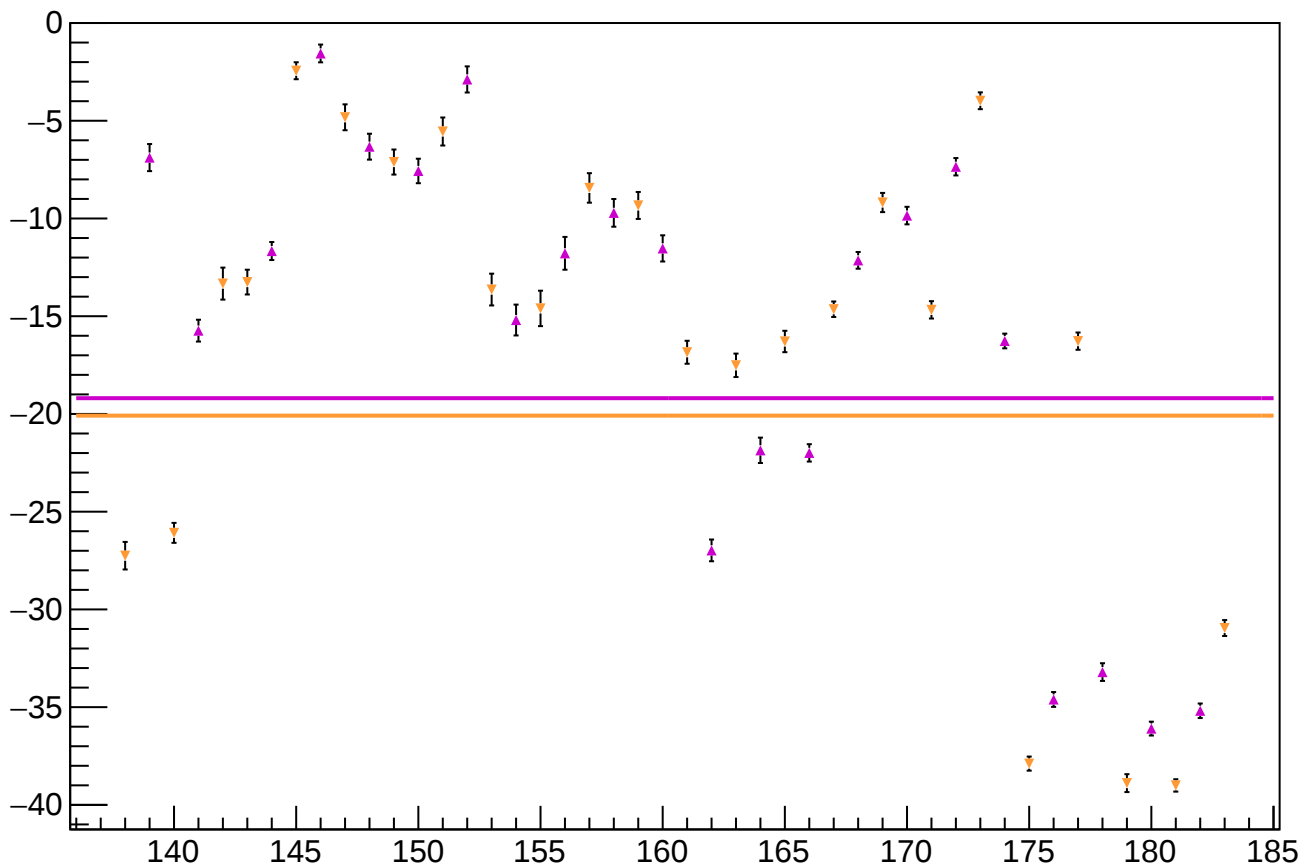
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.018 $\pm$ 0.001 χ^2 /NDF:2449.0/38

Out: 0.022 $\pm$ 0.001 χ^2 /NDF:2382.2/41

All: 0.020 $\pm$ 0.001 χ^2 /NDF: 4834.6/80

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: -20.086+/-0.104 χ^2/NDF :14809.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Left: -19.646+/-0.074 χ^2/NDF : 27160.3/45

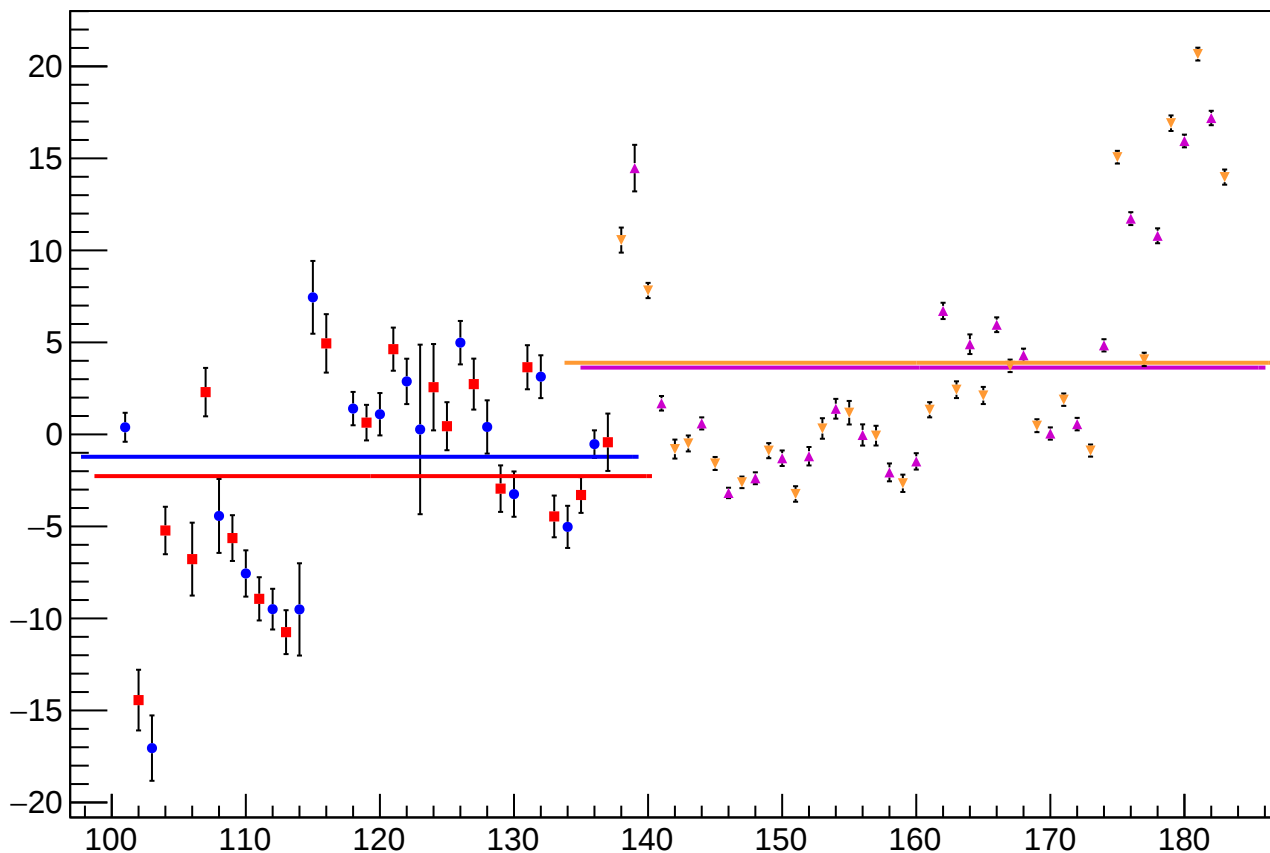
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Out: -20.086+/-0.104 χ^2/NDF :14809.8/23

All: -19.646+/-0.074 χ^2/NDF : 27160.3/45

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 3.894 ± 0.083 χ^2/NDF : 7059.1/23

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 3.630 ± 0.084 χ^2/NDF : 5271.2/21

Left: 3.764 ± 0.059 χ^2/NDF : 12335.2/45

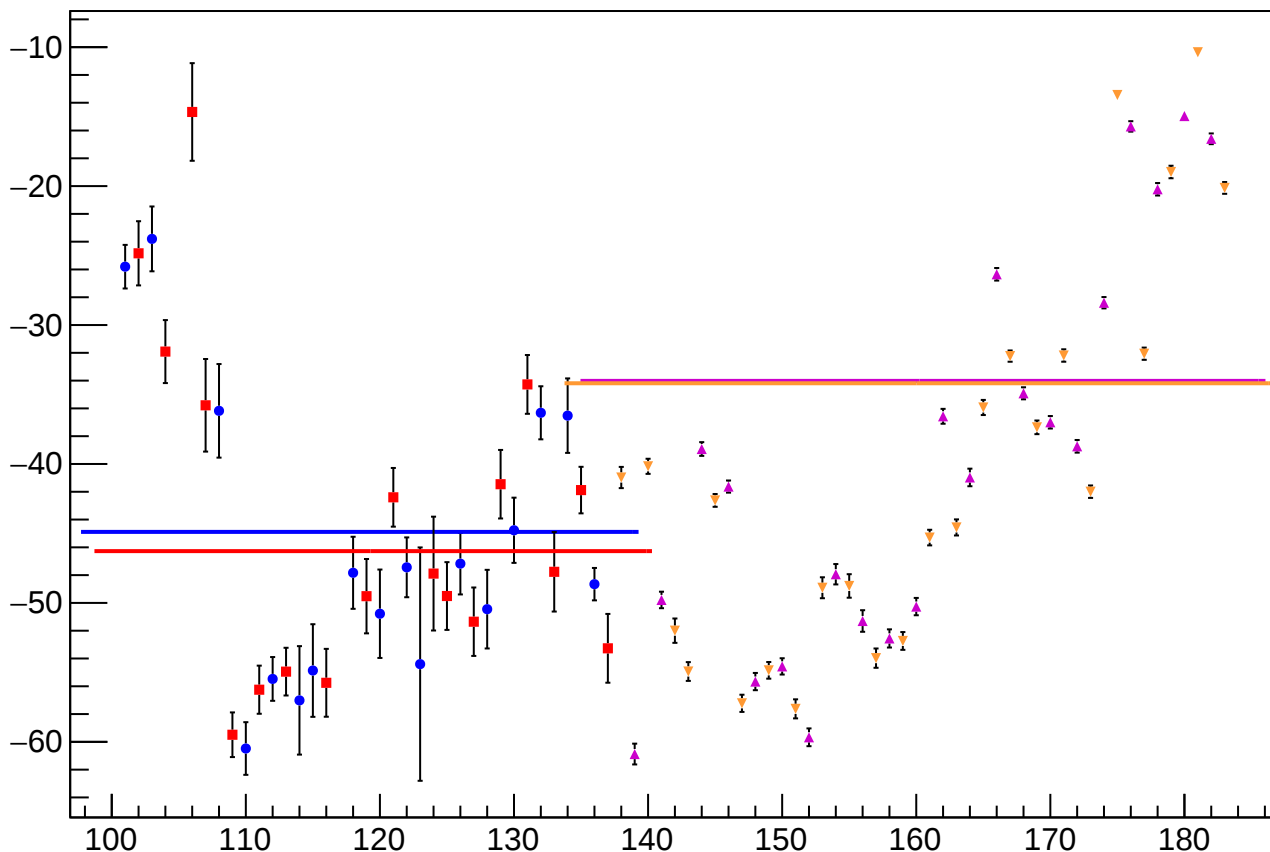
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 3.256 ± 0.081 χ^2/NDF : 5806.8/38

Out: 3.465 ± 0.080 χ^2/NDF : 7728.9/41

All: 3.361 ± 0.057 χ^2/NDF : 13539.1/80

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -34.191 ± 0.105 χ^2/NDF : 19861.2/23

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -34.020 ± 0.106 χ^2/NDF : 17832.3/21

Left: -34.106 ± 0.075 χ^2/NDF : 37694.8/45

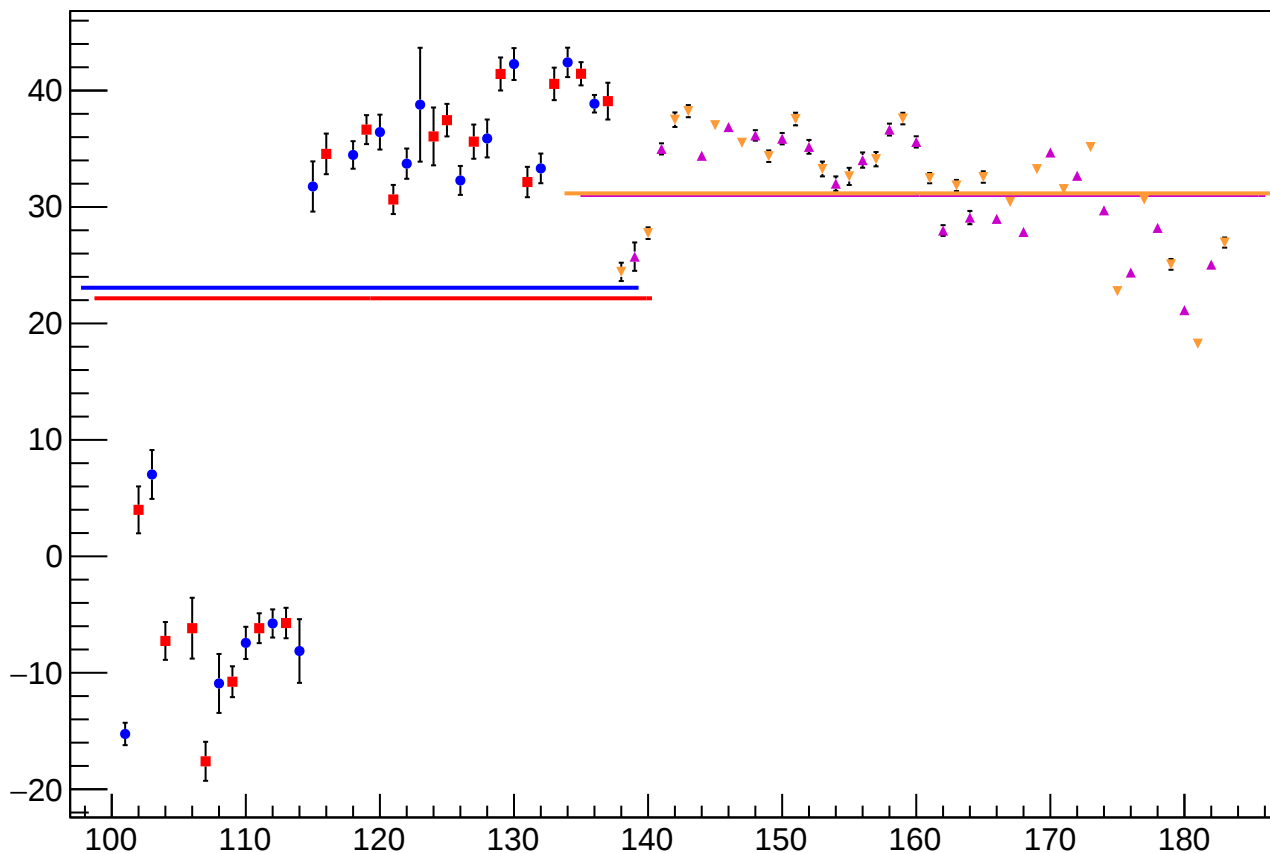
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -34.448 ± 0.104 χ^2/NDF : 18667.0/38

Out: -34.648 ± 0.103 χ^2/NDF : 20782.6/41

All: -34.549 ± 0.073 χ^2/NDF : 39451.4/80

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: 31.170 $\pm$ 0.093 χ^2 /NDF:3266.9/23

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 31.031 $\pm$ 0.095 χ^2 /NDF:2488.1/21

Left: 31.102 $\pm$ 0.066 χ^2 /NDF: 5756.1/45

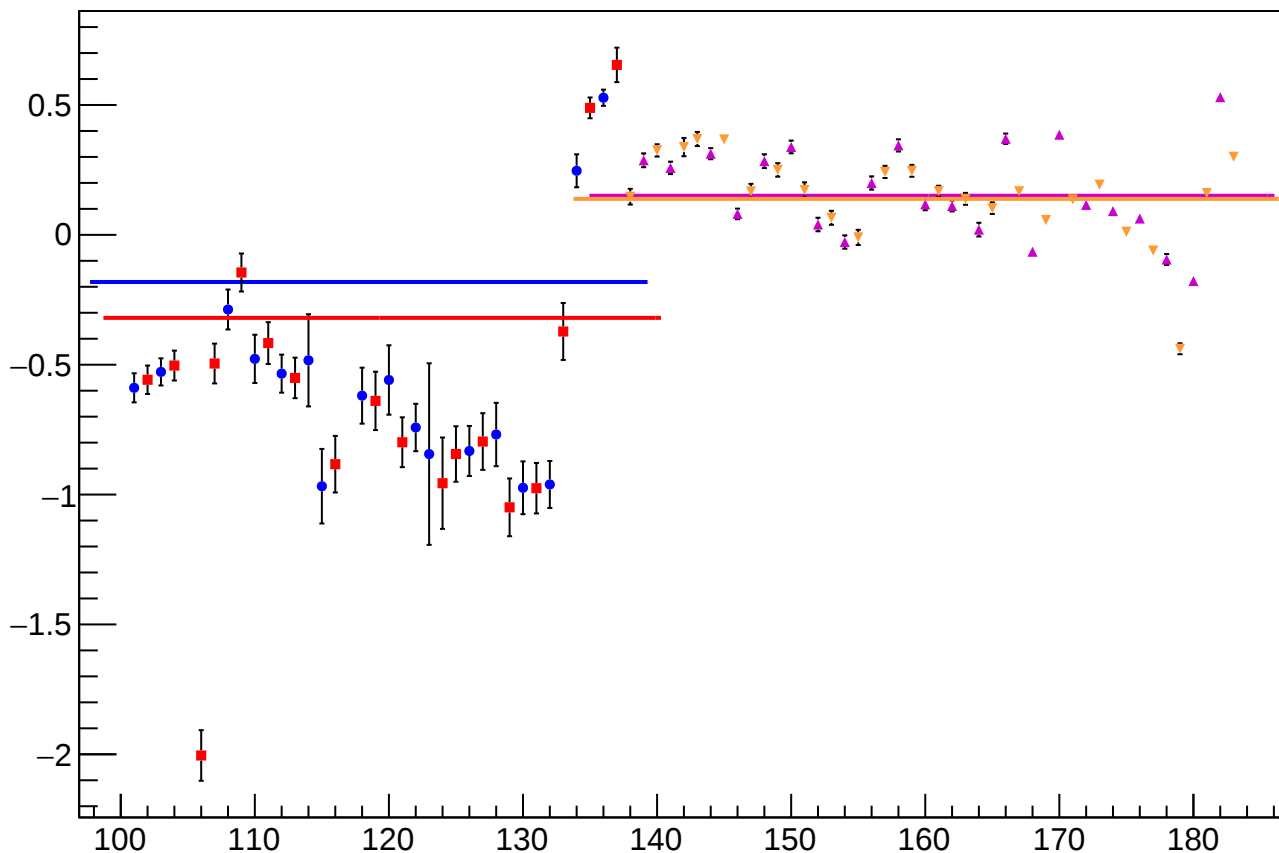
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.415 $\pm$ 0.091 χ^2 /NDF:7370.6/38

Out: 30.540 $\pm$ 0.090 χ^2 /NDF:7945.6/41

All: 30.478 $\pm$ 0.064 χ^2 /NDF: 15317.2/80

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: 0.139 ± 0.004 χ^2/NDF : 1480.1/23

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.151 ± 0.004 χ^2/NDF : 1813.4/21

Left: 0.145 ± 0.003 χ^2/NDF : 3297.5/45

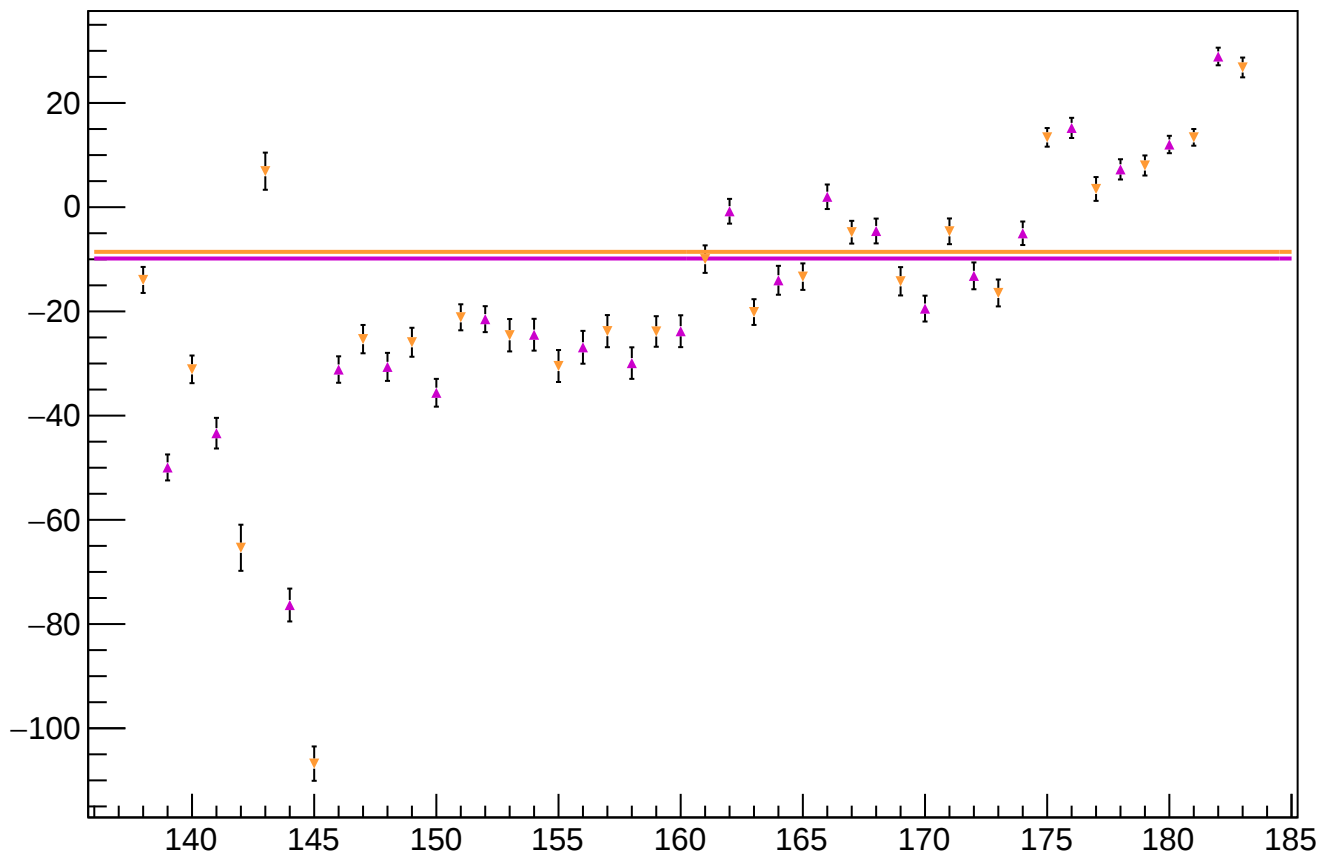
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.132 ± 0.004 χ^2/NDF : 3141.2/38

Out: 0.114 ± 0.004 χ^2/NDF : 3257.1/41

All: 0.123 ± 0.003 χ^2/NDF : 6407.1/80

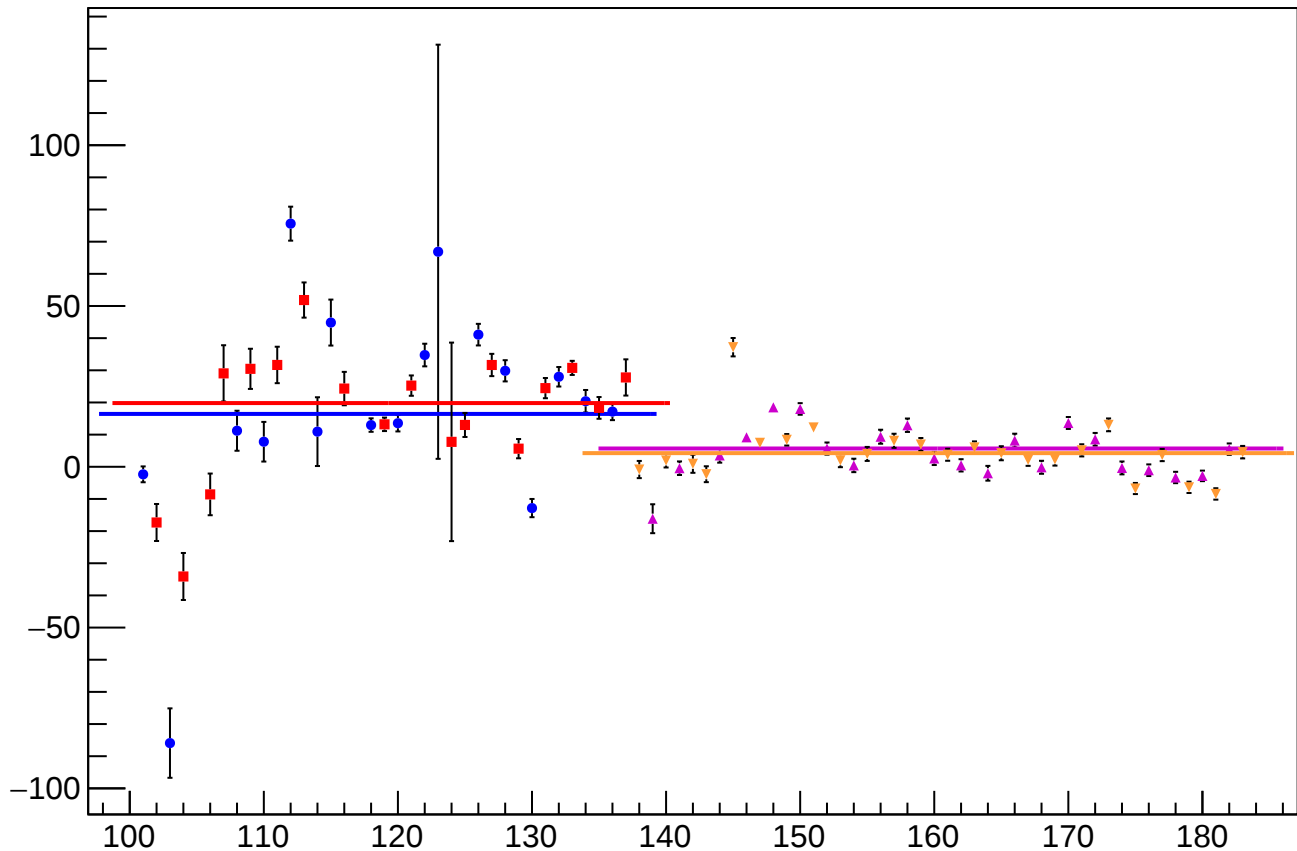
reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.851 $\pm$ 0.512 χ^2 /NDF:2207.0/21

Left: -9.201 $\pm$ 0.359 χ^2 /NDF: 4422.2/45
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -9.851 $\pm$ 0.512 χ^2 /NDF:2207.0/21
 Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 All: -9.201 $\pm$ 0.359 χ^2 /NDF: 4422.2/45

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 χ^2/NDF : 516.9/16

Left Out: 4.246 ± 0.395 χ^2/NDF : 346.1/23

Right Out: 19.813 ± 0.899 χ^2/NDF : 238.5/17

Left In: 5.687 ± 0.407 χ^2/NDF : 329.1/21

Left: 4.944 ± 0.283 χ^2/NDF : 681.6/45

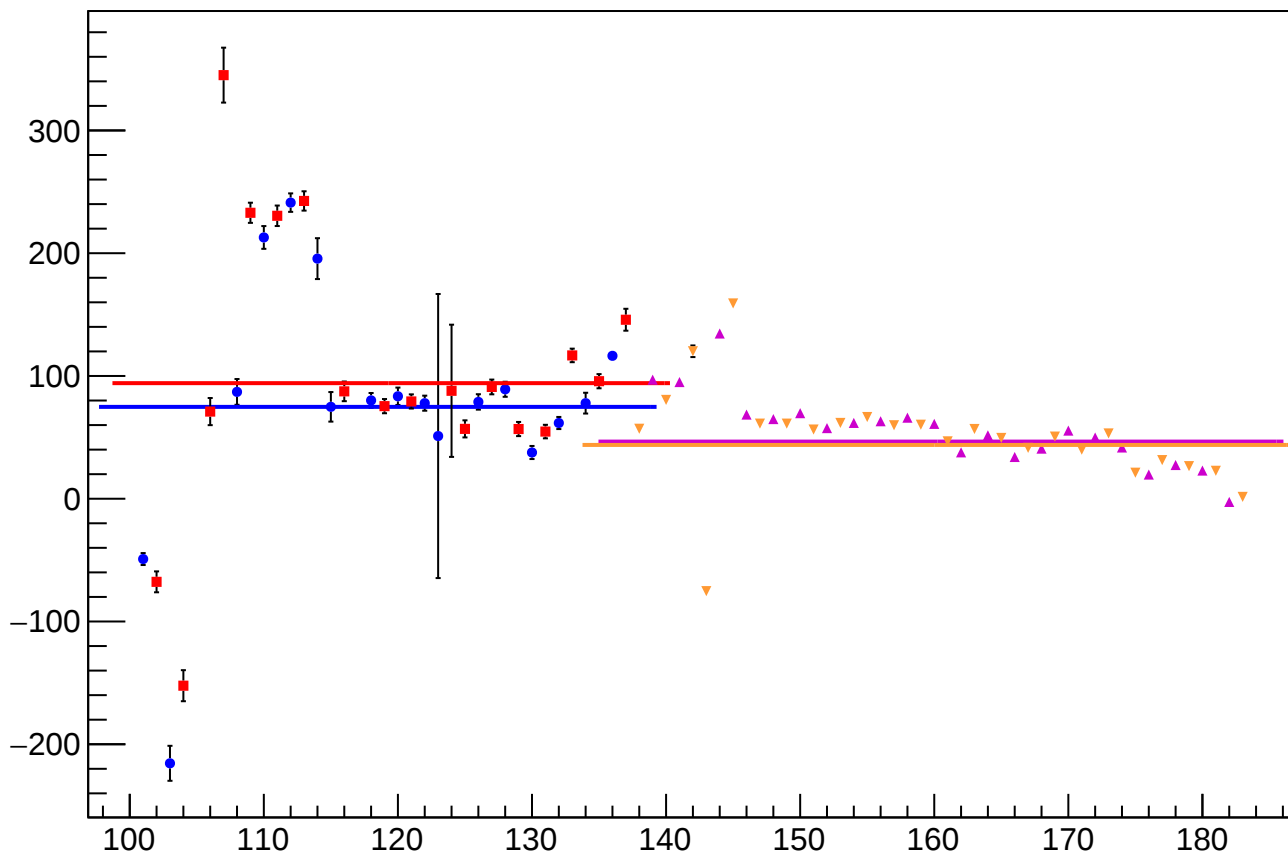
Right: 18.028 ± 0.617 χ^2/NDF : 762.9/34

In: 7.696 ± 0.367 χ^2/NDF : 976.6/38

Out: 6.759 ± 0.361 χ^2/NDF : 836.0/41

All: 7.221 ± 0.257 χ^2/NDF : 1815.8/80

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 43.827+/-0.502 χ^2/NDF : 3806.0/23

Right Out: 94.153+/-1.720 χ^2/NDF : 1969.2/17

Left In: 46.551+/-0.509 χ^2/NDF : 3000.4/21

Left: 45.171+/-0.357 χ^2/NDF : 6820.9/45

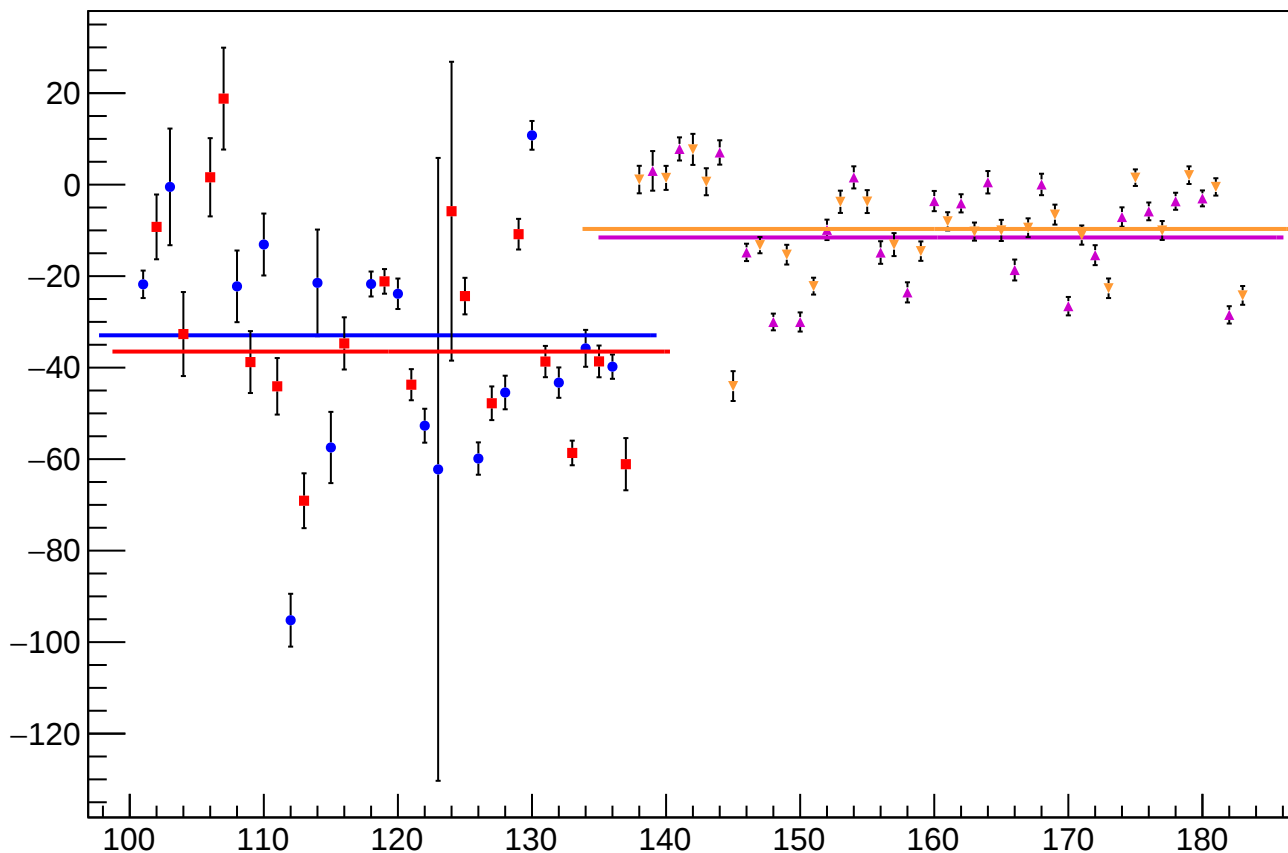
Right: 84.020+/-1.186 χ^2/NDF : 4032.2/34

In: 49.038+/-0.486 χ^2/NDF : 5268.7/38

Out: 47.779+/-0.482 χ^2/NDF : 6564.1/41

All: 48.403+/-0.342 χ^2/NDF : 11836.2/80

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.684 ± 0.447 χ^2/NDF : 444.9/23

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.545 ± 0.459 χ^2/NDF : 642.3/21

Left: -10.590 ± 0.320 χ^2/NDF : 1095.6/45

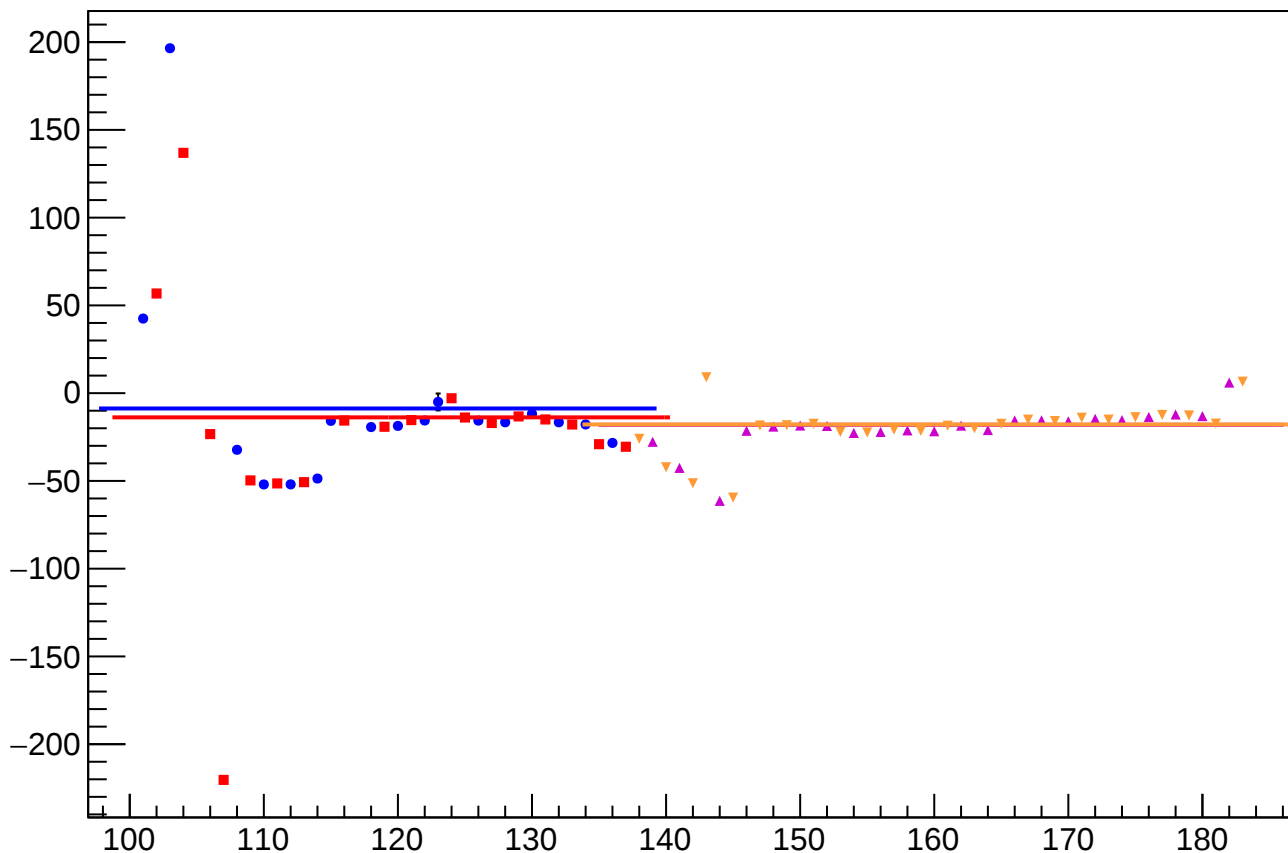
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -15.441 ± 0.415 χ^2/NDF : 1528.0/38

Out: -13.961 ± 0.410 χ^2/NDF : 1311.0/41

All: -14.692 ± 0.292 χ^2/NDF : 2845.4/80

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -17.835 ± 0.021 χ^2/NDF : 295697.2/23

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -18.047 ± 0.021 χ^2/NDF : 235833.7/21

Left: -17.940 ± 0.015 χ^2/NDF : 531583.3/45

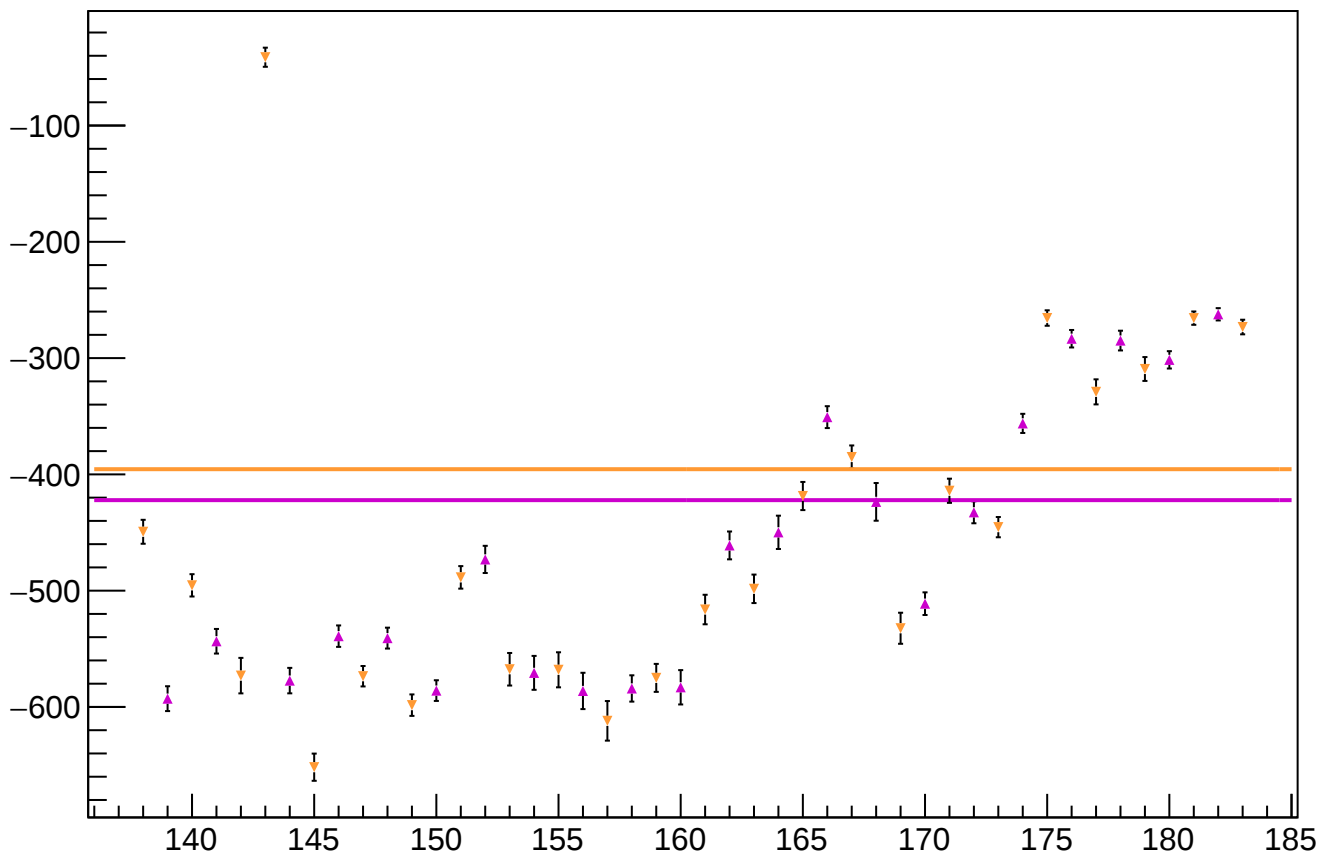
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -17.011 ± 0.020 χ^2/NDF : 833969.8/38

Out: -17.434 ± 0.020 χ^2/NDF : 848896.0/41

All: -17.223 ± 0.014 χ^2/NDF : 1683099.2/80

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Left: -408.411+/-1.420 χ^2/NDF : 9849.3/45

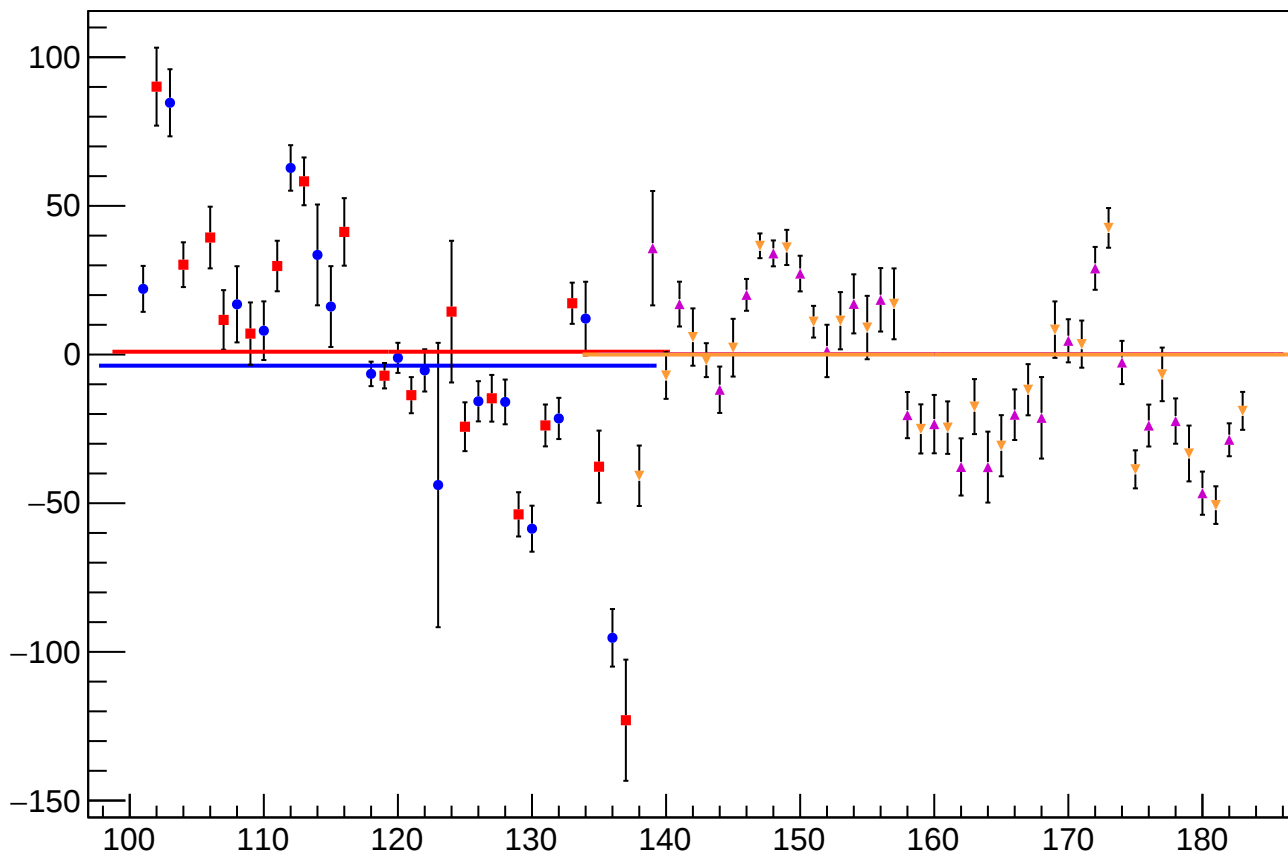
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Out: -395.534+/-1.976 χ^2/NDF :5946.7/23

All: -408.411+/-1.420 χ^2/NDF : 9849.3/45

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.019 ± 1.516 χ^2/NDF : 335.6/23

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 0.163 ± 1.593 χ^2/NDF : 263.5/21

Left: 0.087 ± 1.098 χ^2/NDF : 599.1/45

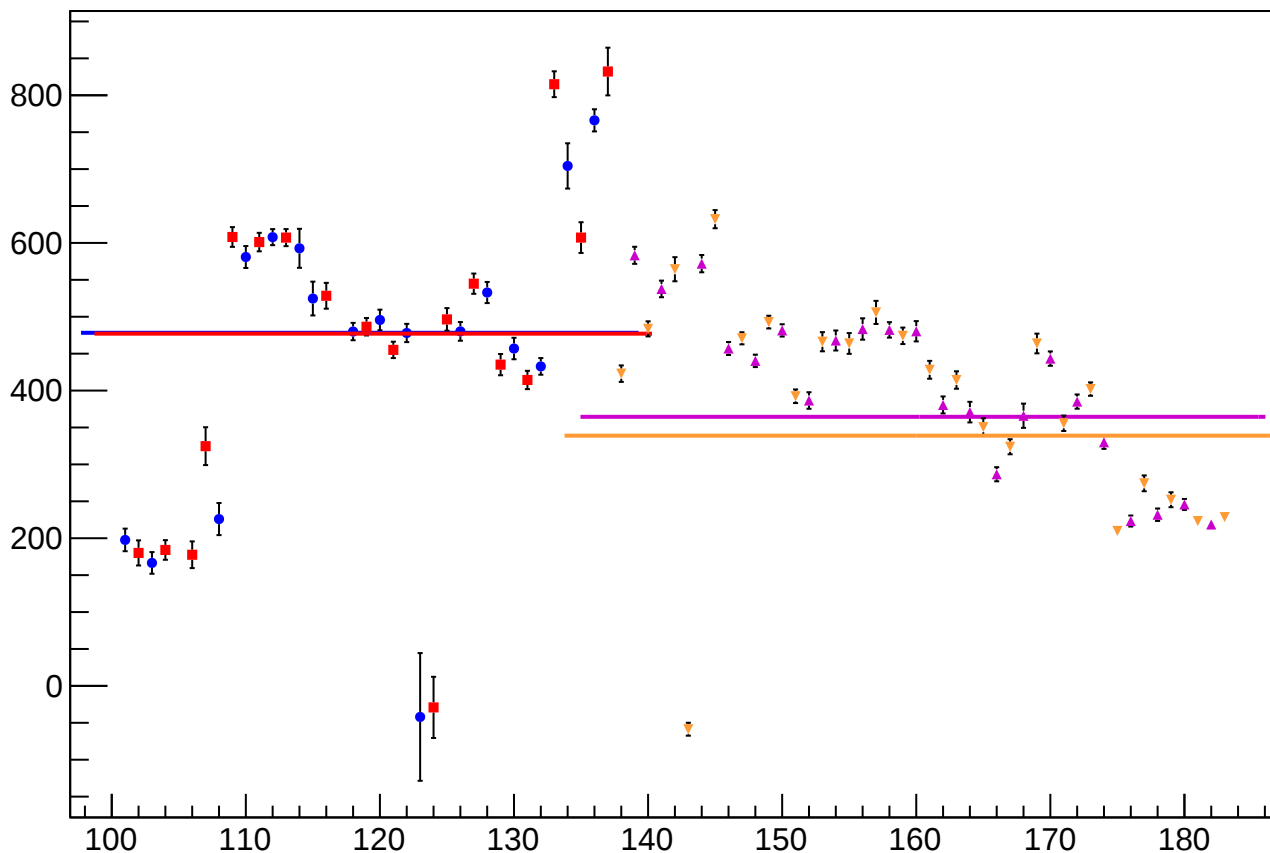
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -1.458 ± 1.219 χ^2/NDF : 580.0/38

Out: 0.376 ± 1.189 χ^2/NDF : 629.4/41

All: -0.518 ± 0.851 χ^2/NDF : 1210.6/80

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 338.942+/-1.983 χ^2/NDF : 5501.2/23

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 364.467+/-2.036 χ^2/NDF : 3346.3/21

Left: 351.370+/-1.421 χ^2/NDF : 8928.2/45

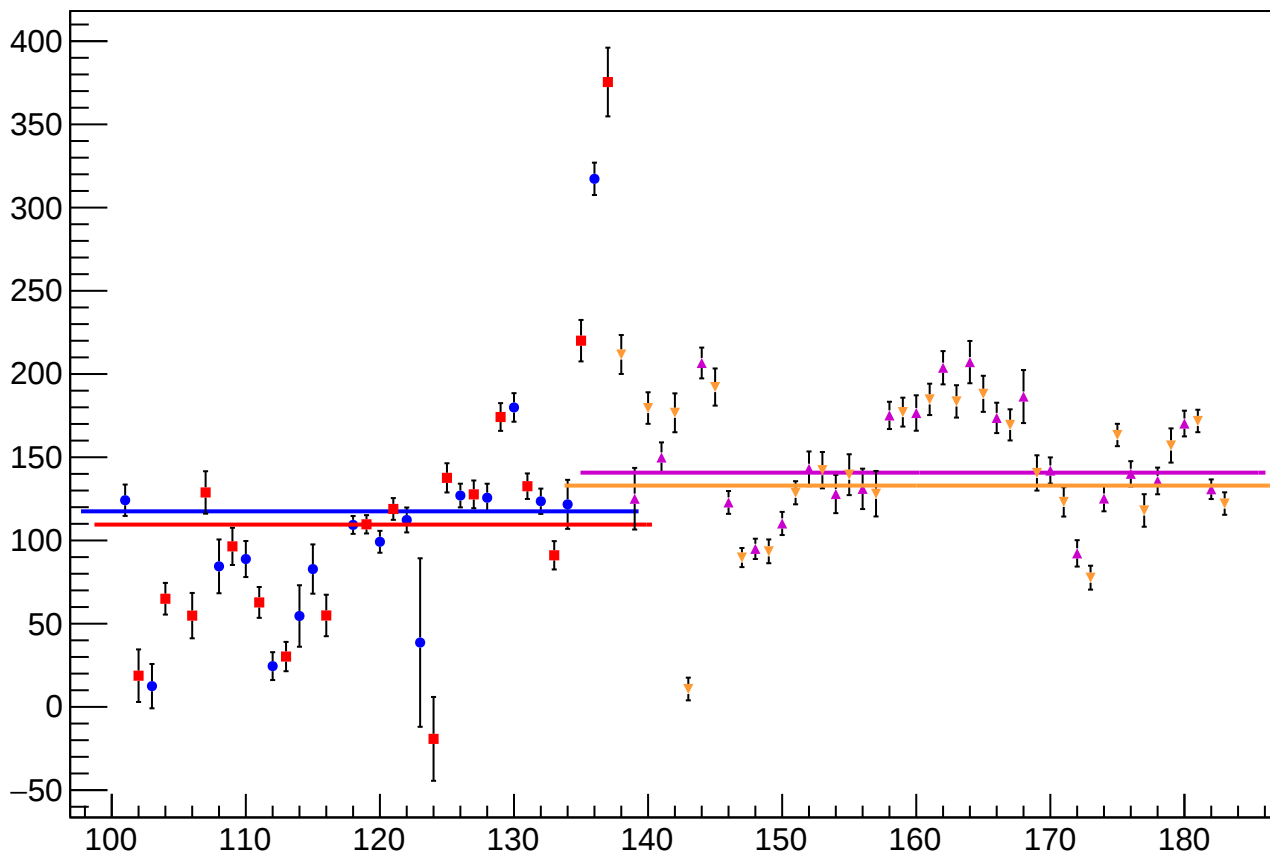
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 391.607+/-1.777 χ^2/NDF : 5719.3/38

Out: 371.929+/-1.730 χ^2/NDF : 8835.7/41

All: 381.508+/-1.240 χ^2/NDF : 14617.9/80

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: 132.977 $\pm$ 1.745 χ^2 /NDF: 771.2/23

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.740 $\pm$ 1.818 χ^2 /NDF: 313.6/21

Left: 136.698 $\pm$ 1.259 χ^2 /NDF: 1094.3/45

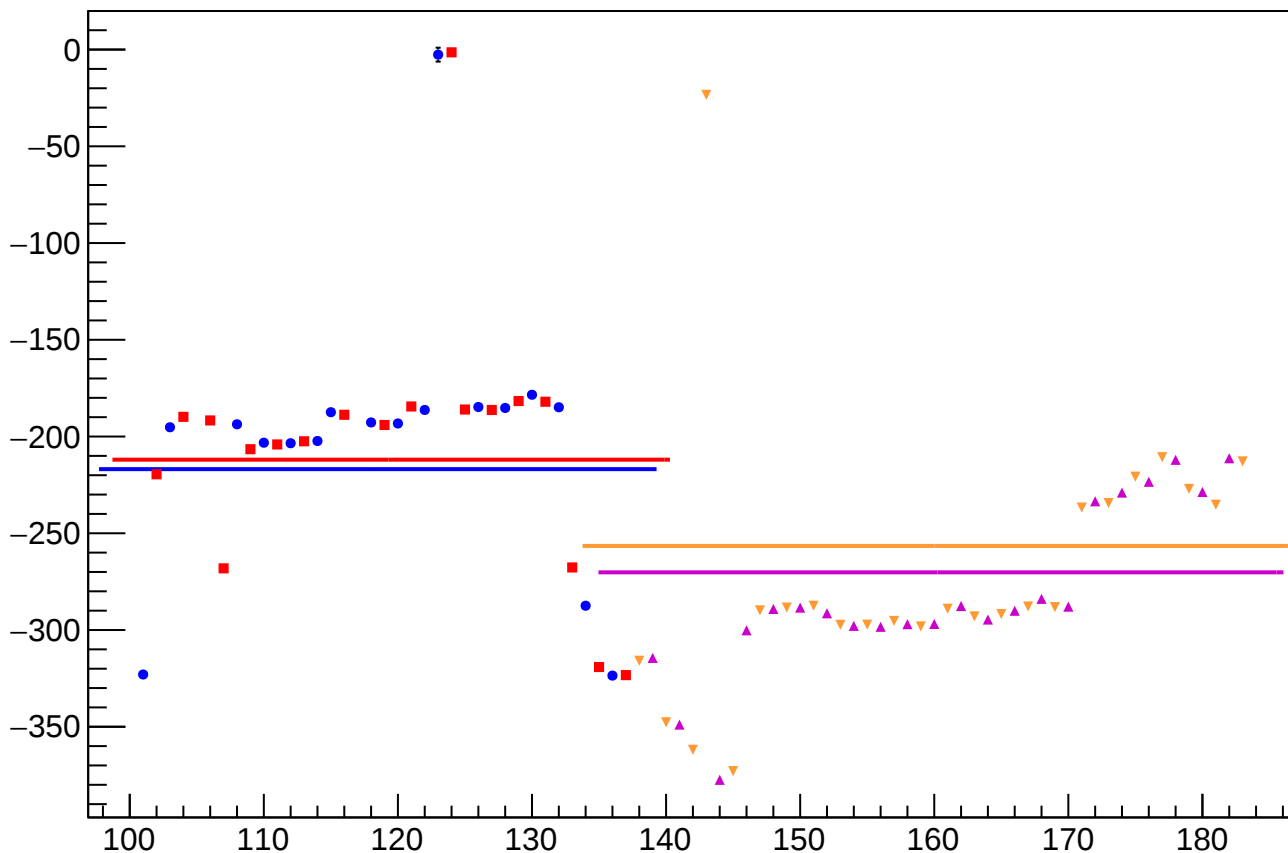
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 131.298 $\pm$ 1.401 χ^2 /NDF: 1085.9/38

Out: 123.970 $\pm$ 1.369 χ^2 /NDF: 1402.8/41

All: 127.549 $\pm$ 0.979 χ^2 /NDF: 2502.7/80

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -256.537+/-0.083 χ^2/NDF : 719911.3/23

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -270.201+/-0.085 χ^2/NDF : 250682.1/21

Left: -263.238+/-0.059 χ^2/NDF : 983831.7/45

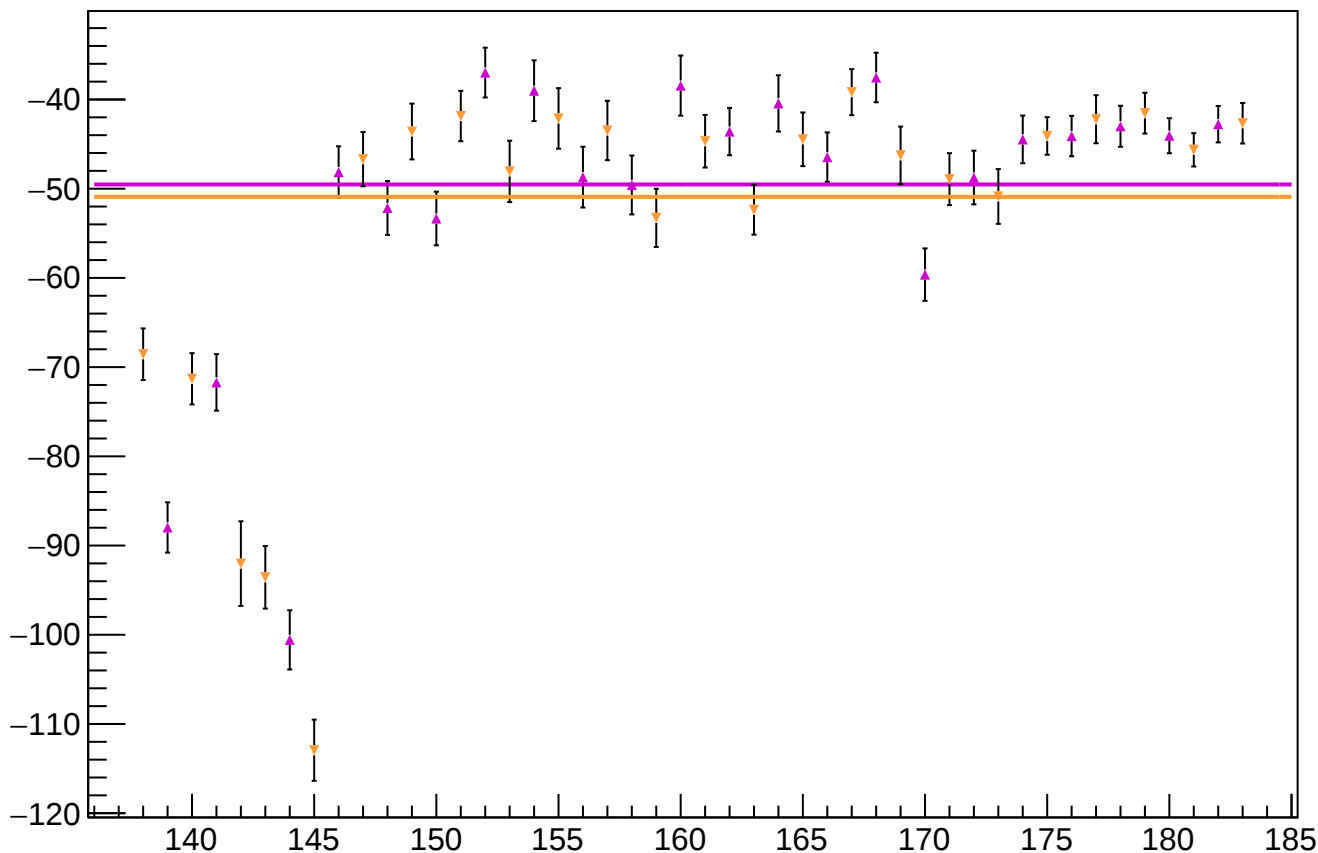
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -255.250+/-0.072 χ^2/NDF : 508580.7/38

Out: -243.684+/-0.070 χ^2/NDF : 914838.9/41

All: -249.324+/-0.050 χ^2/NDF : 1436671.0/80

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -50.916 ± 0.577 χ^2/NDF : 760.1/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -49.524 ± 0.588 χ^2/NDF : 595.8/21

Left: -50.234 ± 0.412 χ^2/NDF : 1358.7/45

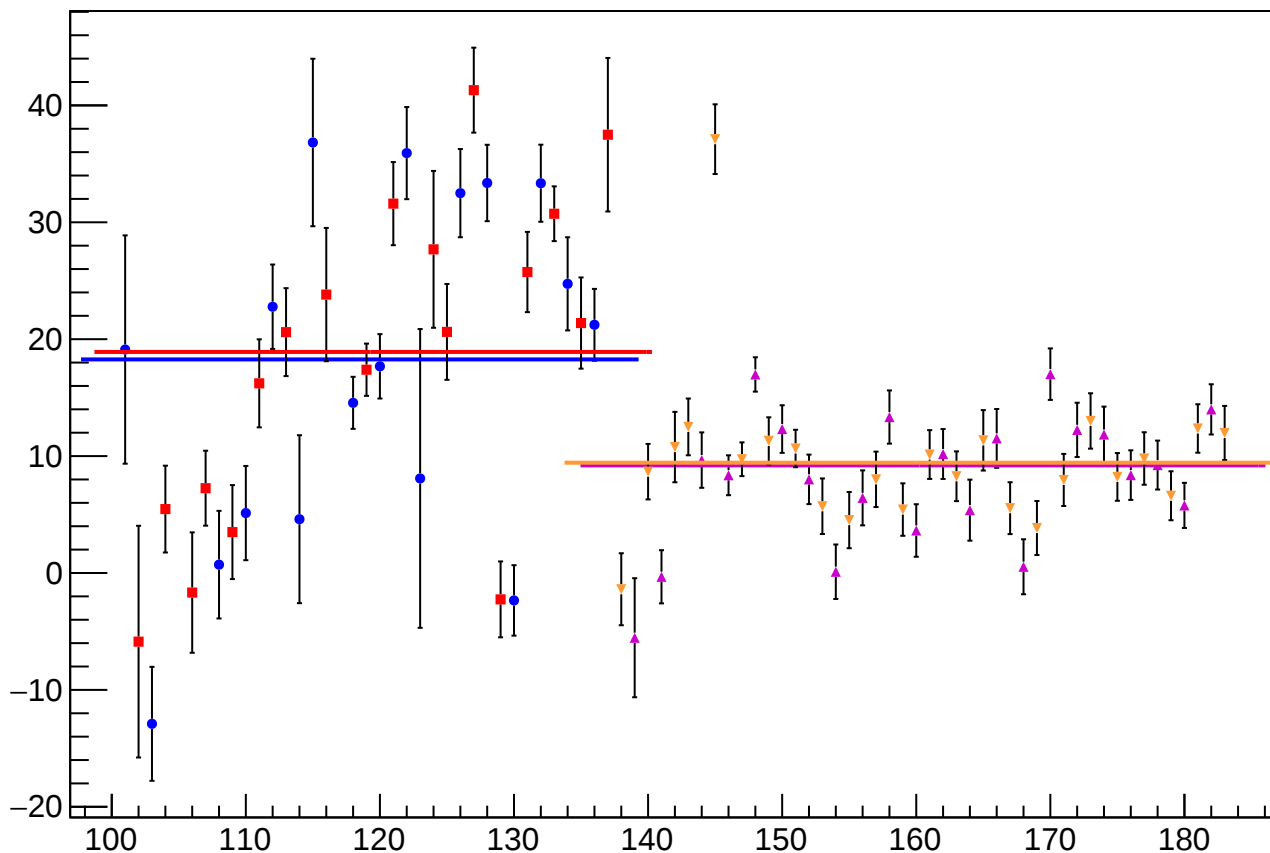
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -49.524 ± 0.588 χ^2/NDF : 595.8/21

Out: -50.916 ± 0.577 χ^2/NDF : 760.1/23

All: -50.234 ± 0.412 χ^2/NDF : 1358.7/45

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.436 ± 0.448 χ^2/NDF : 130.1/23

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.207 ± 0.464 χ^2/NDF : 123.5/21

Left: 9.325 ± 0.322 χ^2/NDF : 253.7/45

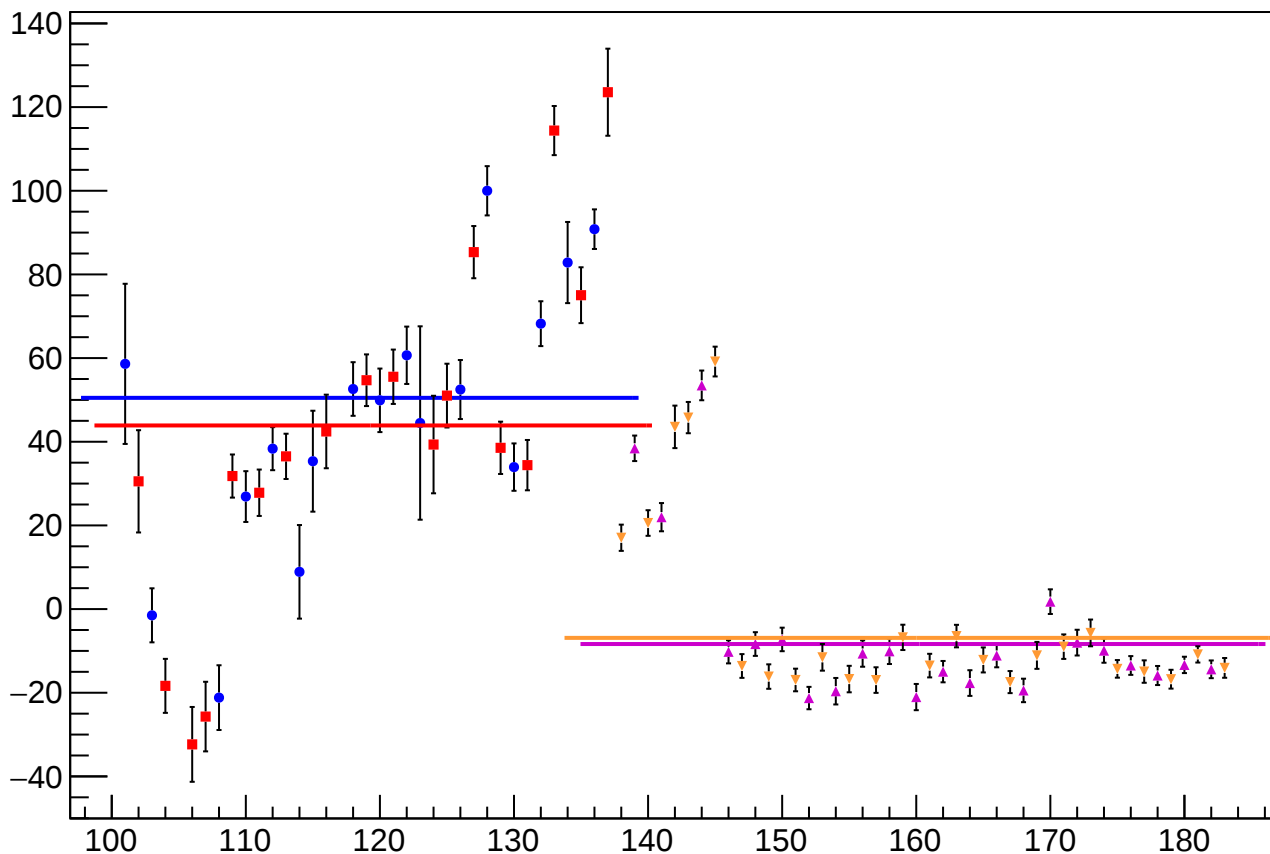
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.087 ± 0.413 χ^2/NDF : 411.0/38

Out: 11.445 ± 0.398 χ^2/NDF : 422.8/41

All: 11.273 ± 0.287 χ^2/NDF : 834.2/80

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -6.884 ± 0.575 χ^2/NDF : 913.1/23

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: -8.354 ± 0.584 χ^2/NDF : 748.6/21

Left: -7.608 ± 0.410 χ^2/NDF : 1664.9/45

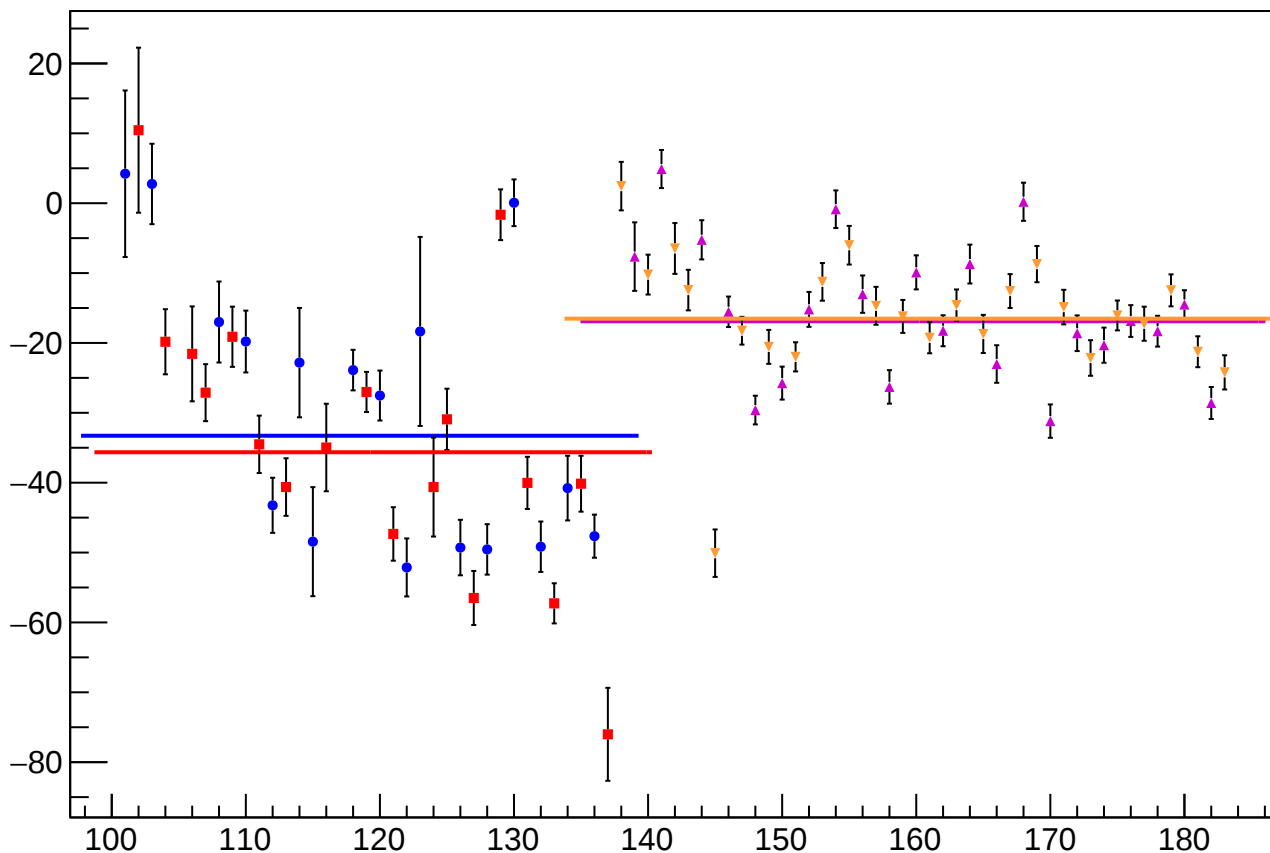
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: -1.950 ± 0.551 χ^2/NDF : 2217.4/38

Out: -1.102 ± 0.541 χ^2/NDF : 2333.3/41

All: -1.518 ± 0.386 χ^2/NDF : 4551.9/80

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.524 ± 0.510 χ^2/NDF : 208.9/23

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.892 ± 0.525 χ^2/NDF : 318.5/21

Left: -16.703 ± 0.366 χ^2/NDF : 527.6/45

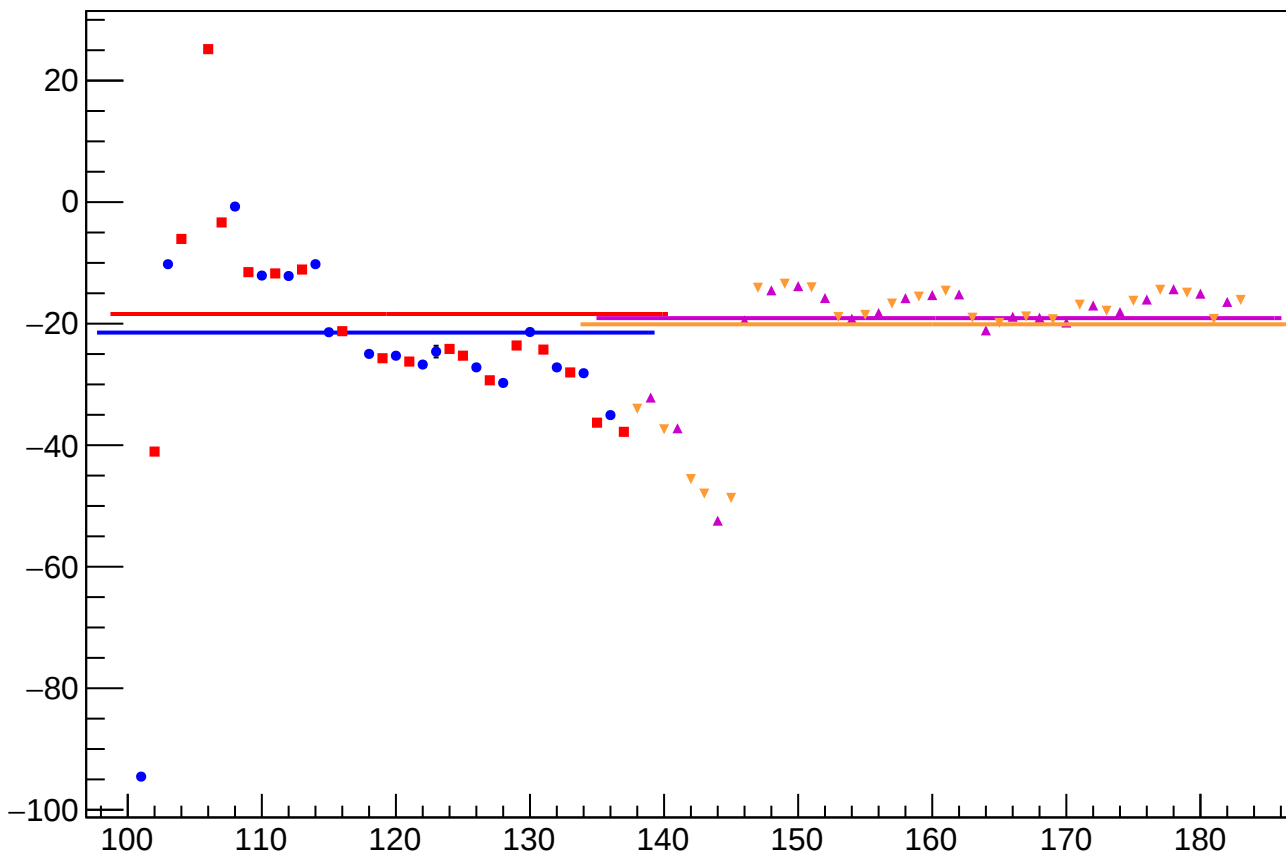
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.245 ± 0.468 χ^2/NDF : 810.9/38

Out: -20.515 ± 0.454 χ^2/NDF : 787.0/41

All: -20.384 ± 0.326 χ^2/NDF : 1598.1/80

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -20.105 $\pm$ 0.024 χ^2 /NDF: 144628.6/23

Right Out: -18.411 $\pm$ 0.057 χ^2 /NDF: 77587.3/17

Left In: -19.090 $\pm$ 0.024 χ^2 /NDF: 92654.3/21

Left: -19.604 $\pm$ 0.017 χ^2 /NDF: 238203.2/45

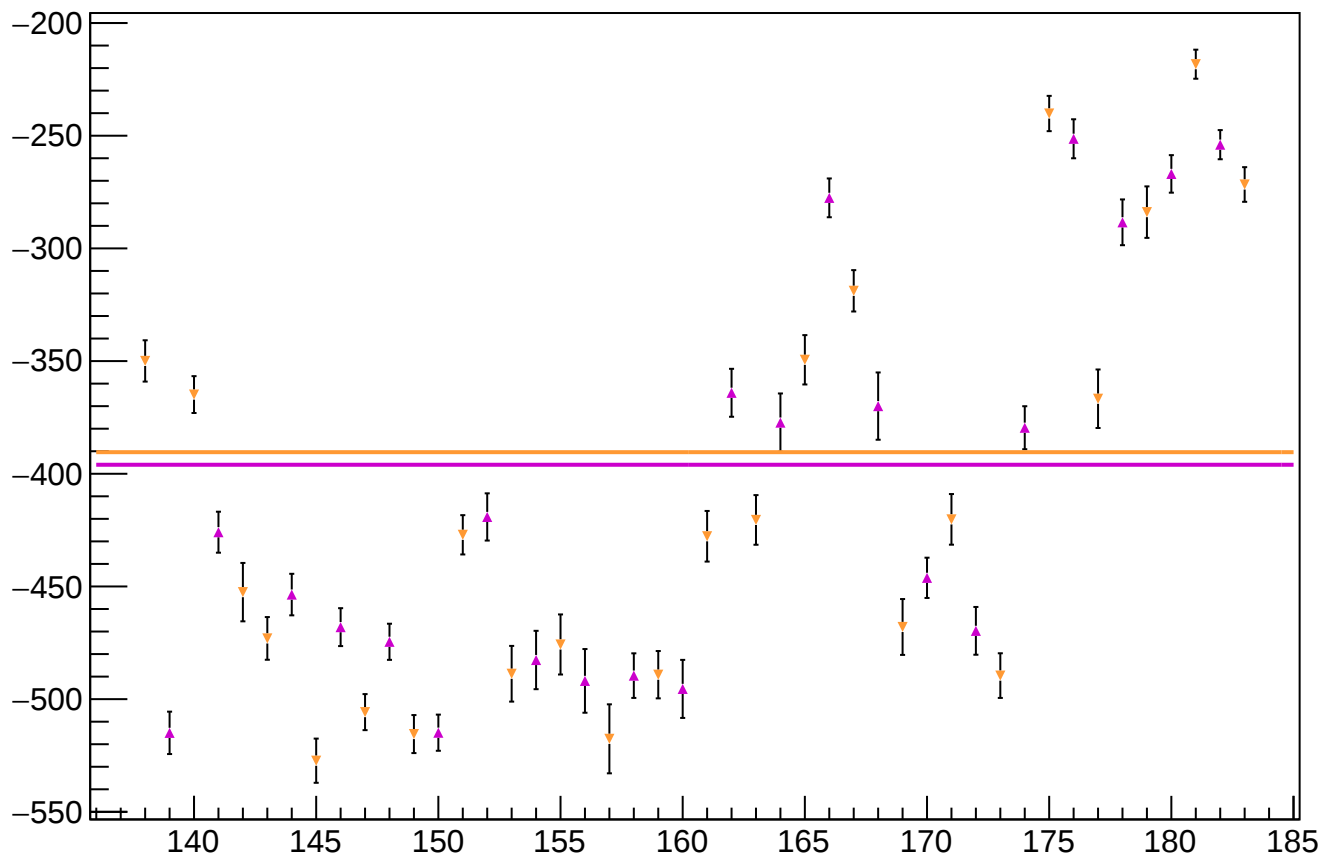
Right: -19.904 $\pm$ 0.041 χ^2 /NDF: 127953.4/34

In: -19.426 $\pm$ 0.022 χ^2 /NDF: 143042.2/38

Out: -19.862 $\pm$ 0.022 χ^2 /NDF: 222962.2/41

All: -19.647 $\pm$ 0.015 χ^2 /NDF: 366202.5/80

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Left: -393.146+/-1.417 χ^2/NDF : 4928.0/45

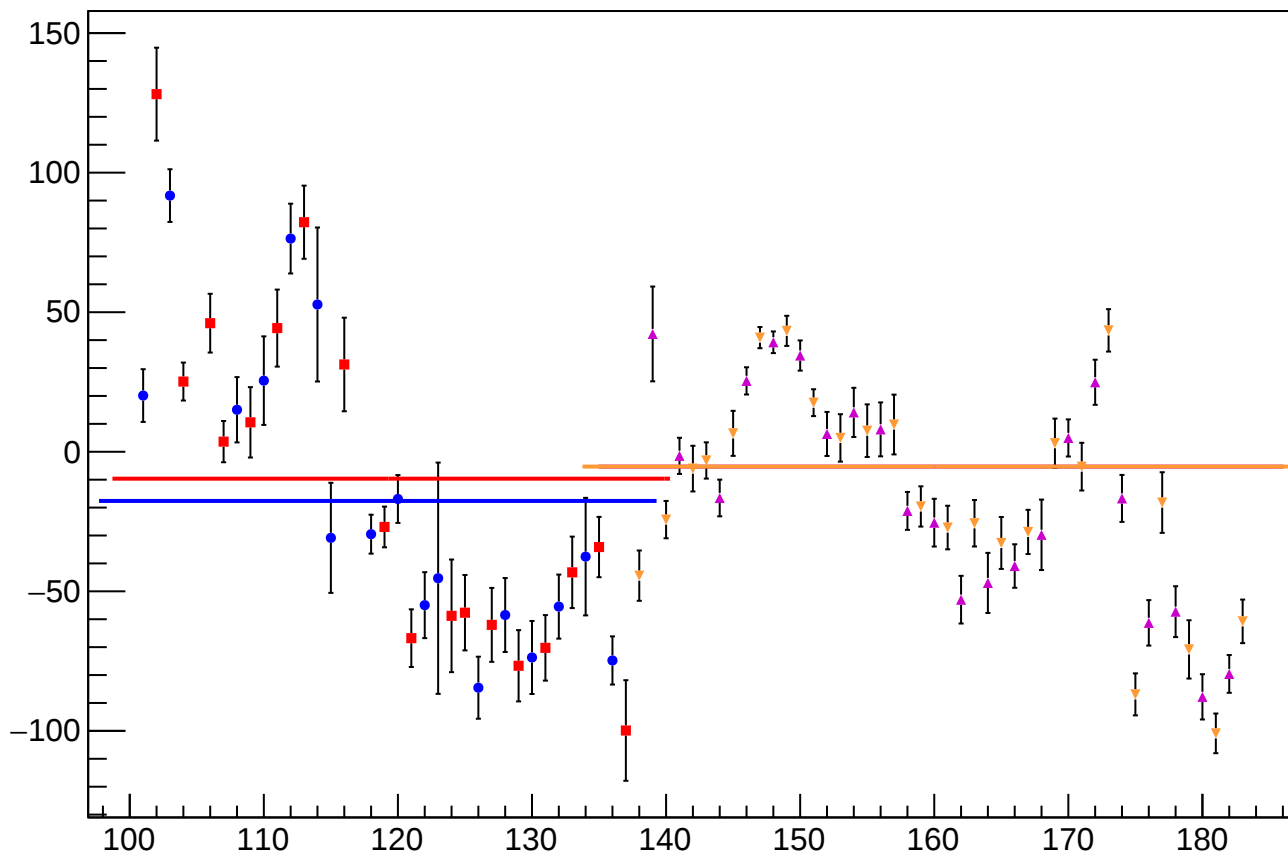
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Out: -390.416+/-1.982 χ^2/NDF :2680.5/23

All: -393.146+/-1.417 χ^2/NDF : 4928.0/45

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -5.306 ± 1.470 $\chi^2/\text{NDF}: 753.9/23$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: -5.324 ± 1.526 $\chi^2/\text{NDF}: 649.1/21$

Left: -5.315 ± 1.059 $\chi^2/\text{NDF}: 1403.0/45$

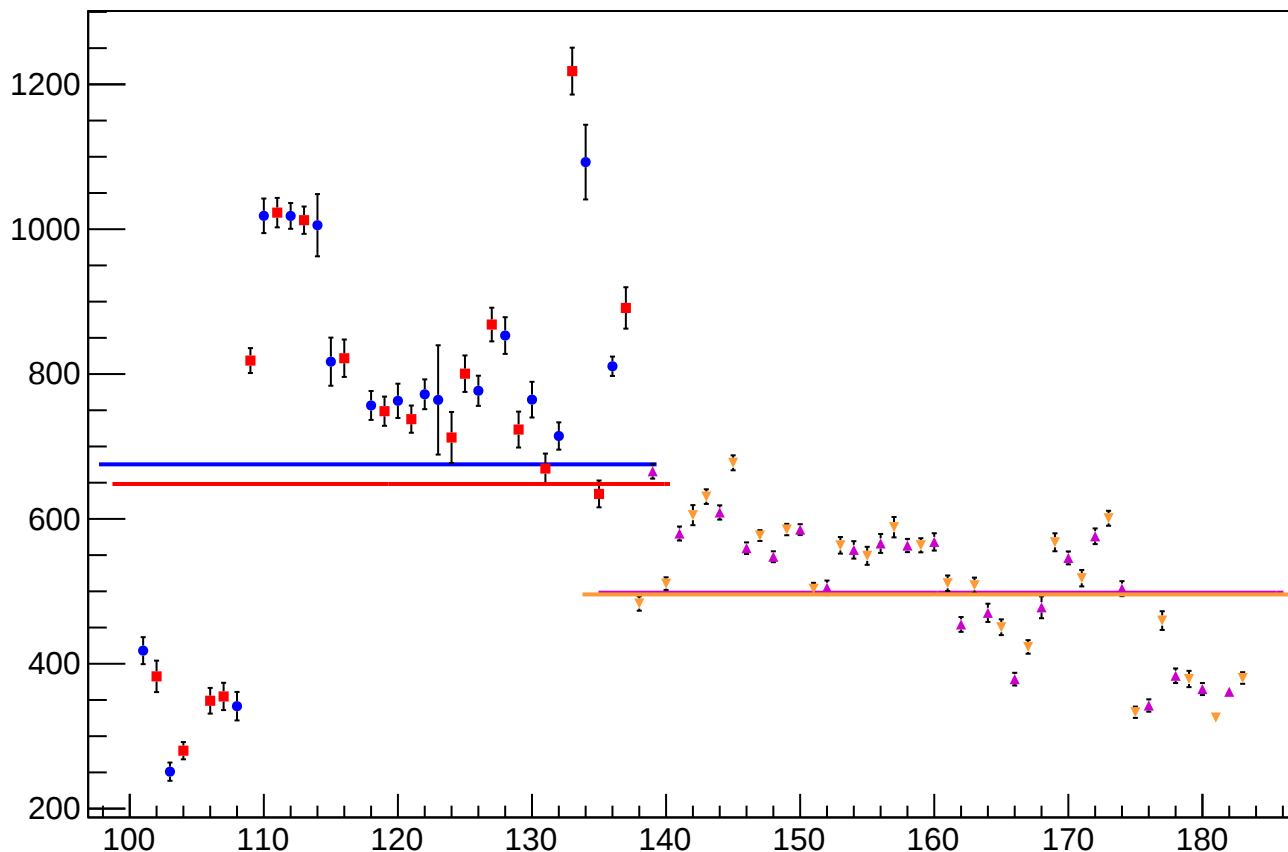
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -8.162 ± 1.339 $\chi^2/\text{NDF}: 1026.1/38$

Out: -6.348 ± 1.281 $\chi^2/\text{NDF}: 1116.7/41$

All: -7.215 ± 0.926 $\chi^2/\text{NDF}: 2143.7/80$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 495.700+/-1.980 χ^2/NDF : 2571.3/23

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 498.142+/-2.012 χ^2/NDF : 2266.9/21

Left: 496.901+/-1.411 χ^2/NDF : 4838.9/45

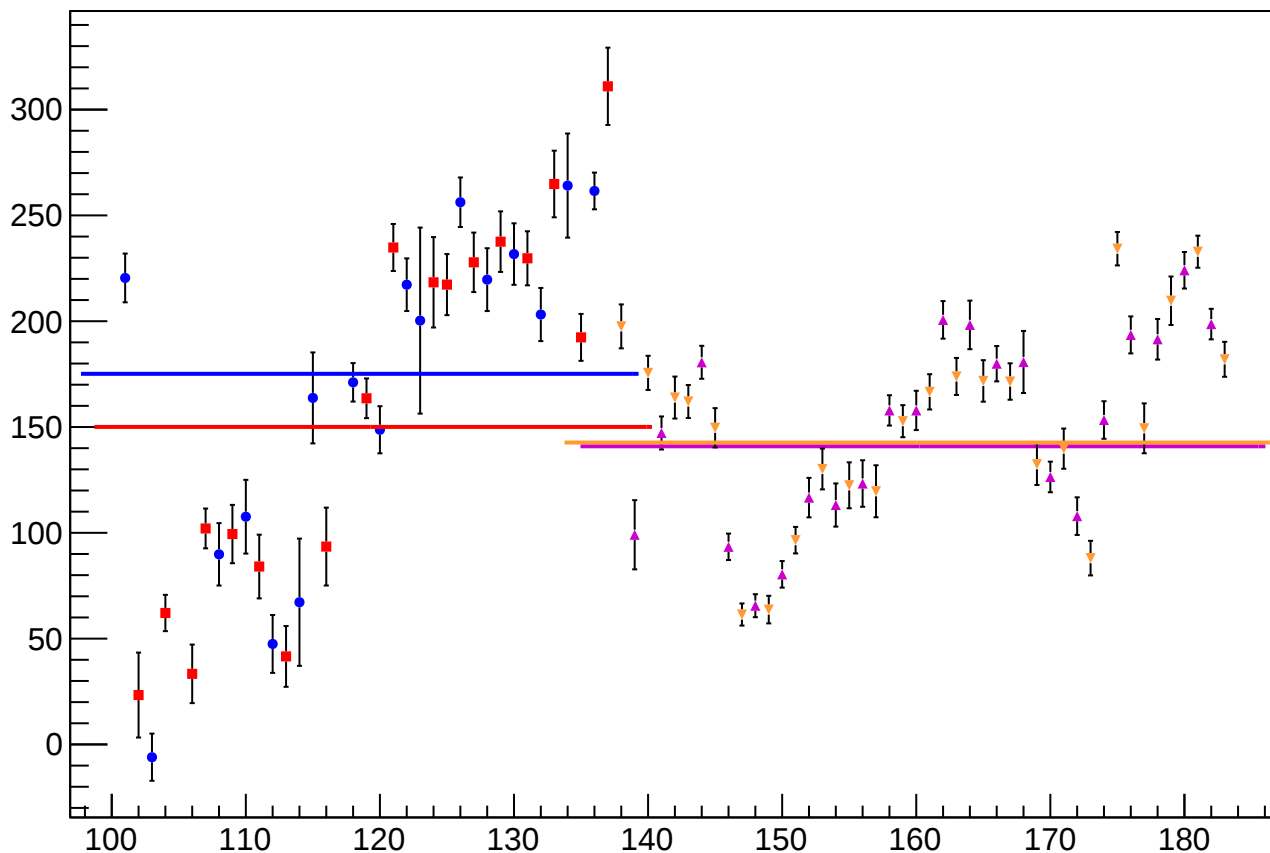
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 522.449+/-1.869 χ^2/NDF : 5913.7/38

Out: 518.074+/-1.829 χ^2/NDF : 6501.0/41

All: 520.214+/-1.307 χ^2/NDF : 12417.5/80

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 142.672 $\pm$ 1.709 χ^2 /NDF:928.9/23

Right Out: 150.054 $\pm$ 3.045 χ^2 /NDF: 686.2/17

Left In: 140.888 $\pm$ 1.761 χ^2 /NDF:742.1/21

Left: 141.807 $\pm$ 1.227 χ^2 /NDF: 1671.5/45

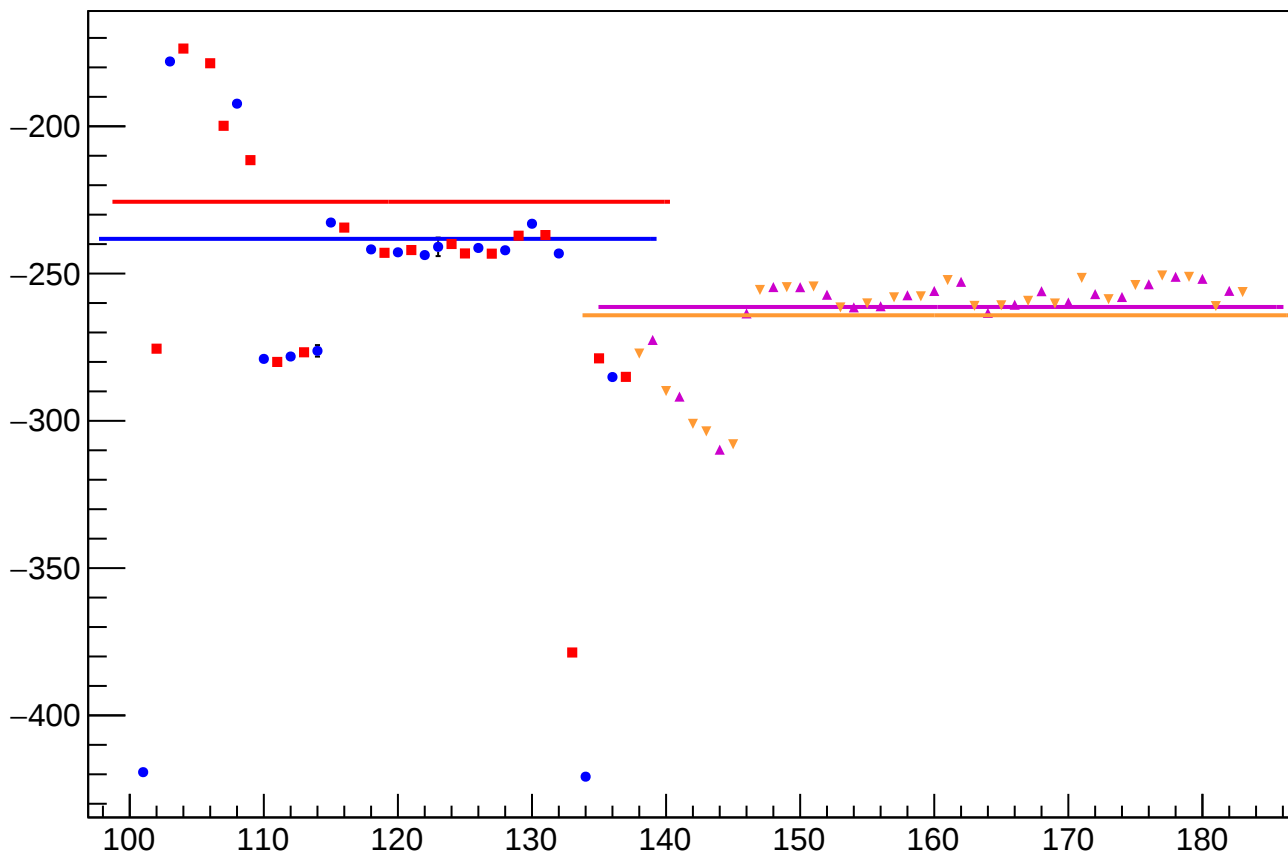
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 148.817 $\pm$ 1.544 χ^2 /NDF:1465.3/38

Out: 144.440 $\pm$ 1.490 χ^2 /NDF:1619.5/41

All: 146.551 $\pm$ 1.072 χ^2 /NDF: 3089.0/80

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.161+/-0.082 χ^2/NDF : 38717.8/23

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -261.339+/-0.083 χ^2/NDF : 23448.0/21

Left: -262.760+/-0.058 χ^2/NDF : 62753.6/45

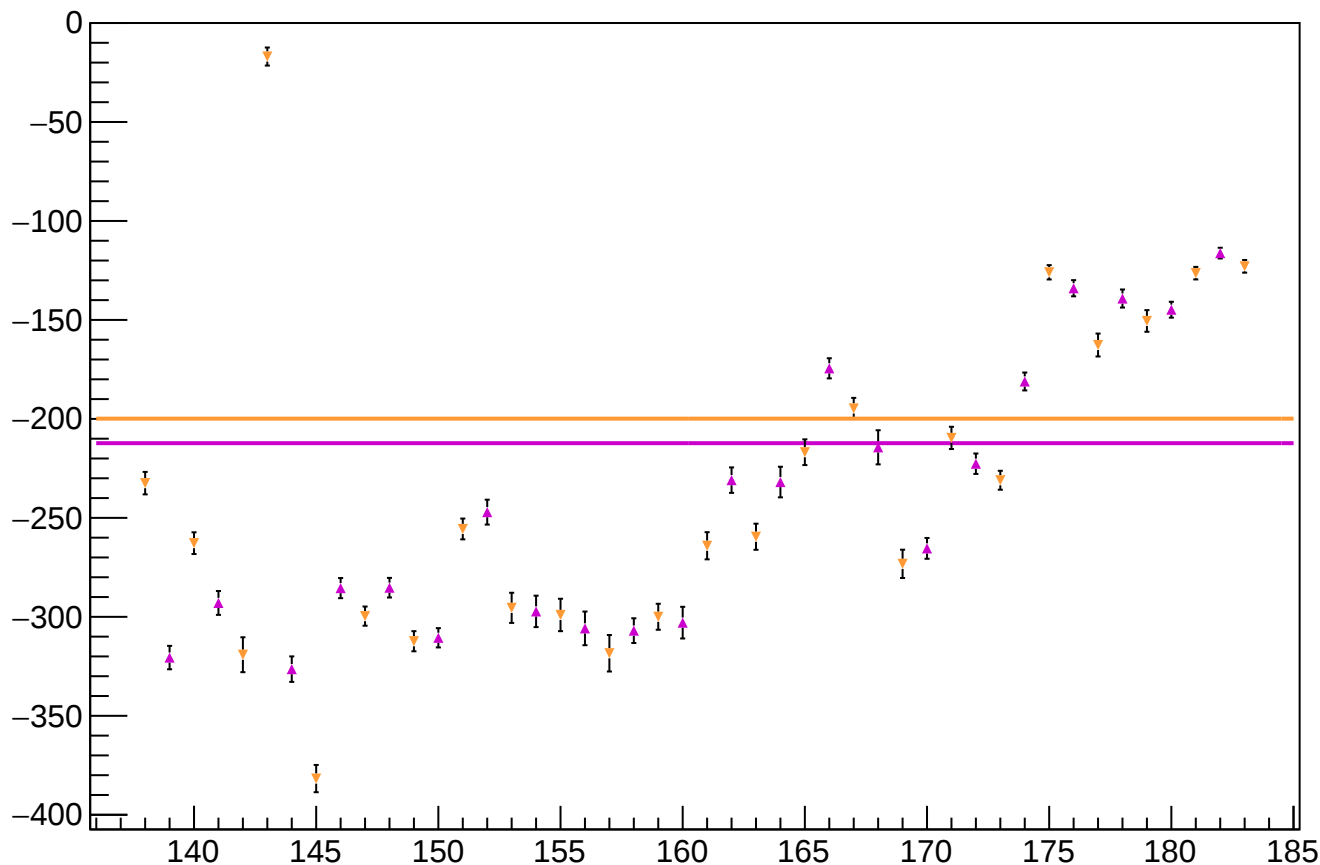
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.477+/-0.073 χ^2/NDF : 207026.7/38

Out: -255.431+/-0.072 χ^2/NDF : 184170.3/41

All: -255.945+/-0.051 χ^2/NDF : 391300.3/80

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: -199.873+/-1.075 χ^2/NDF : 6360.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -212.265+/-1.104 χ^2/NDF : 4674.7/21

Left: -205.904+/-0.770 χ^2/NDF : 11100.2/45

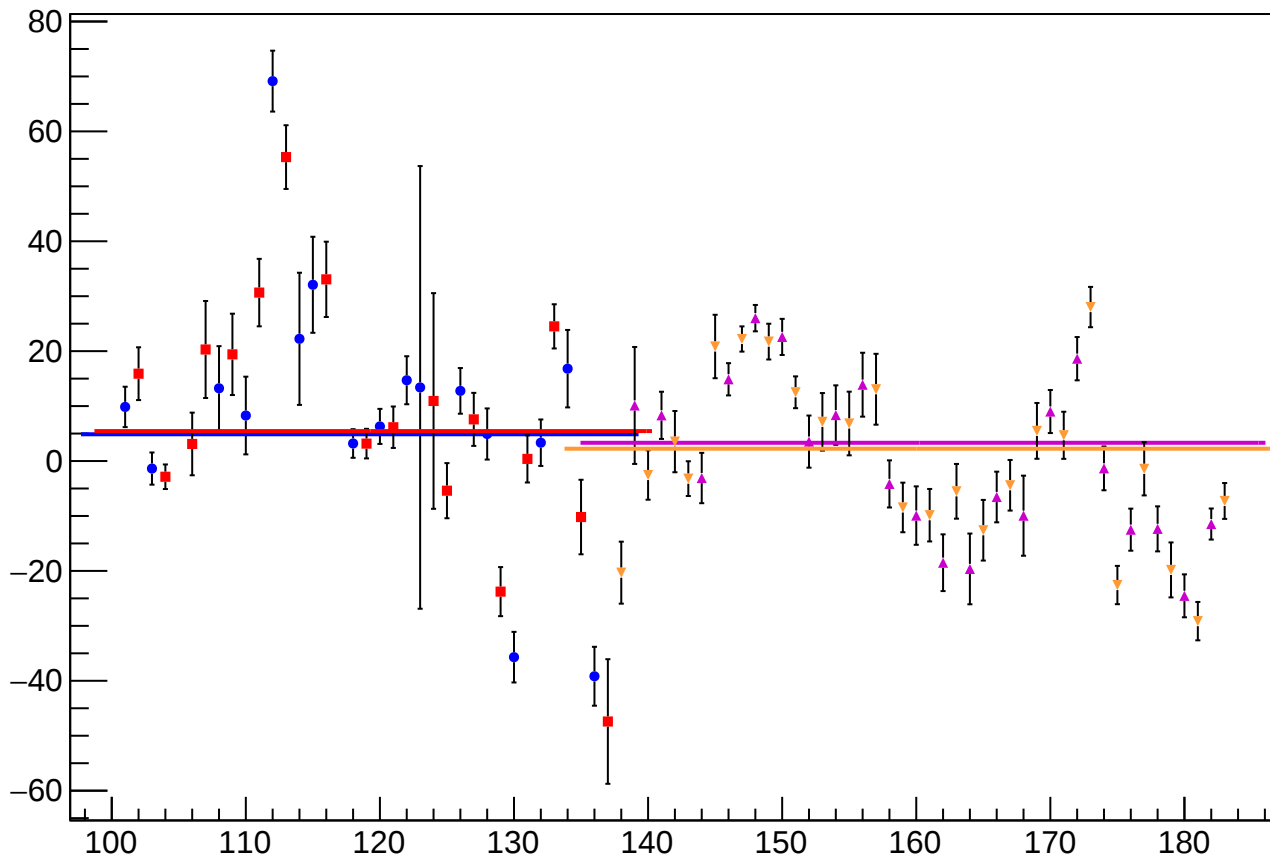
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -212.265+/-1.104 χ^2/NDF : 4674.7/21

Out: -199.873+/-1.075 χ^2/NDF : 6360.9/23

All: -205.904+/-0.770 χ^2/NDF : 11100.2/45

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: 2.243 $\pm$ 0.828 χ^2 /NDF:392.8/23

Right Out: 5.450 $\pm$ 1.071 χ^2 /NDF: 231.5/17

Left In: 3.321 $\pm$ 0.867 χ^2 /NDF:323.3/21

Left: 2.757 $\pm$ 0.599 χ^2 /NDF: 716.8/45

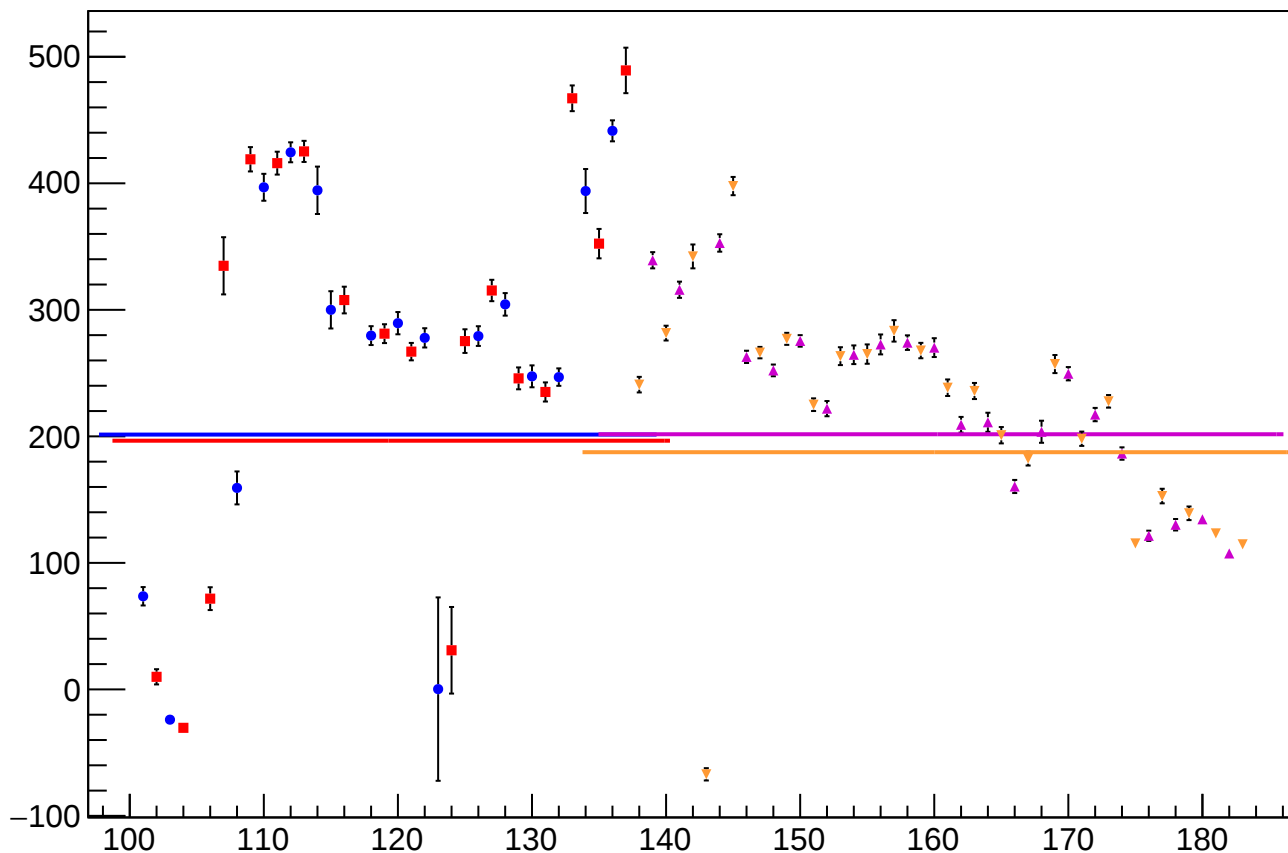
Right: 5.165 $\pm$ 0.764 χ^2 /NDF: 543.2/34

In: 3.921 $\pm$ 0.679 χ^2 /NDF:636.1/38

Out: 3.443 $\pm$ 0.655 χ^2 /NDF:629.9/41

All: 3.673 $\pm$ 0.471 χ^2 /NDF: 1266.2/80

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: 187.483 $\pm$ 1.079 χ^2/NDF : 7082.1/23

Right Out: 196.565 $\pm$ 1.931 χ^2/NDF : 8178.1/17

Left In: 201.666 $\pm$ 1.102 χ^2/NDF : 4426.8/21

Left: 194.425 $\pm$ 0.771 χ^2/NDF : 11593.6/45

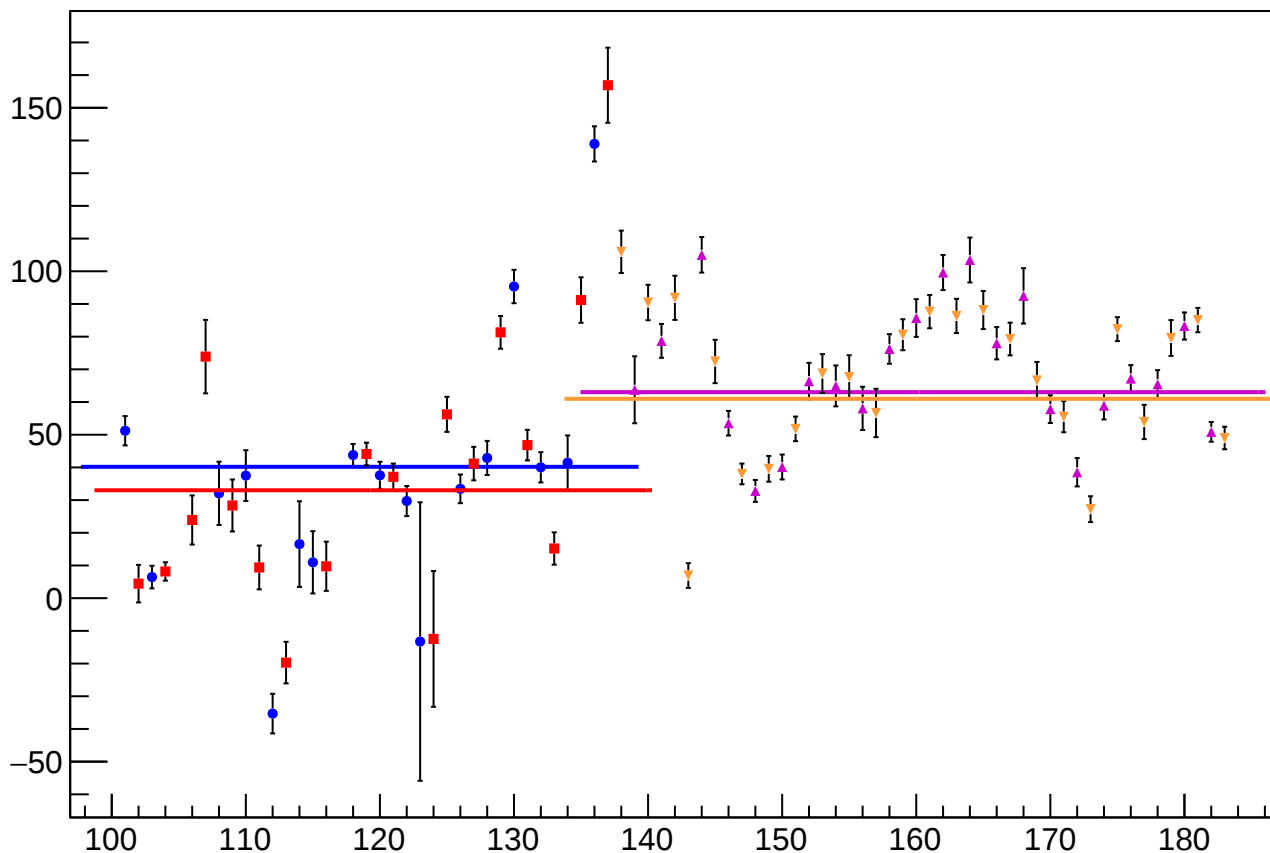
Right: 198.933 $\pm$ 1.380 χ^2/NDF : 14921.6/34

In: 201.604 $\pm$ 0.962 χ^2/NDF : 11167.2/38

Out: 189.642 $\pm$ 0.942 χ^2/NDF : 15277.1/41

All: 195.497 $\pm$ 0.673 χ^2/NDF : 26523.3/80

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 60.979 $\pm$ 0.951 χ^2 /NDF:677.0/23

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 63.021 $\pm$ 0.988 χ^2 /NDF:395.4/21

Left: 61.962 $\pm$ 0.685 χ^2 /NDF: 1074.6/45

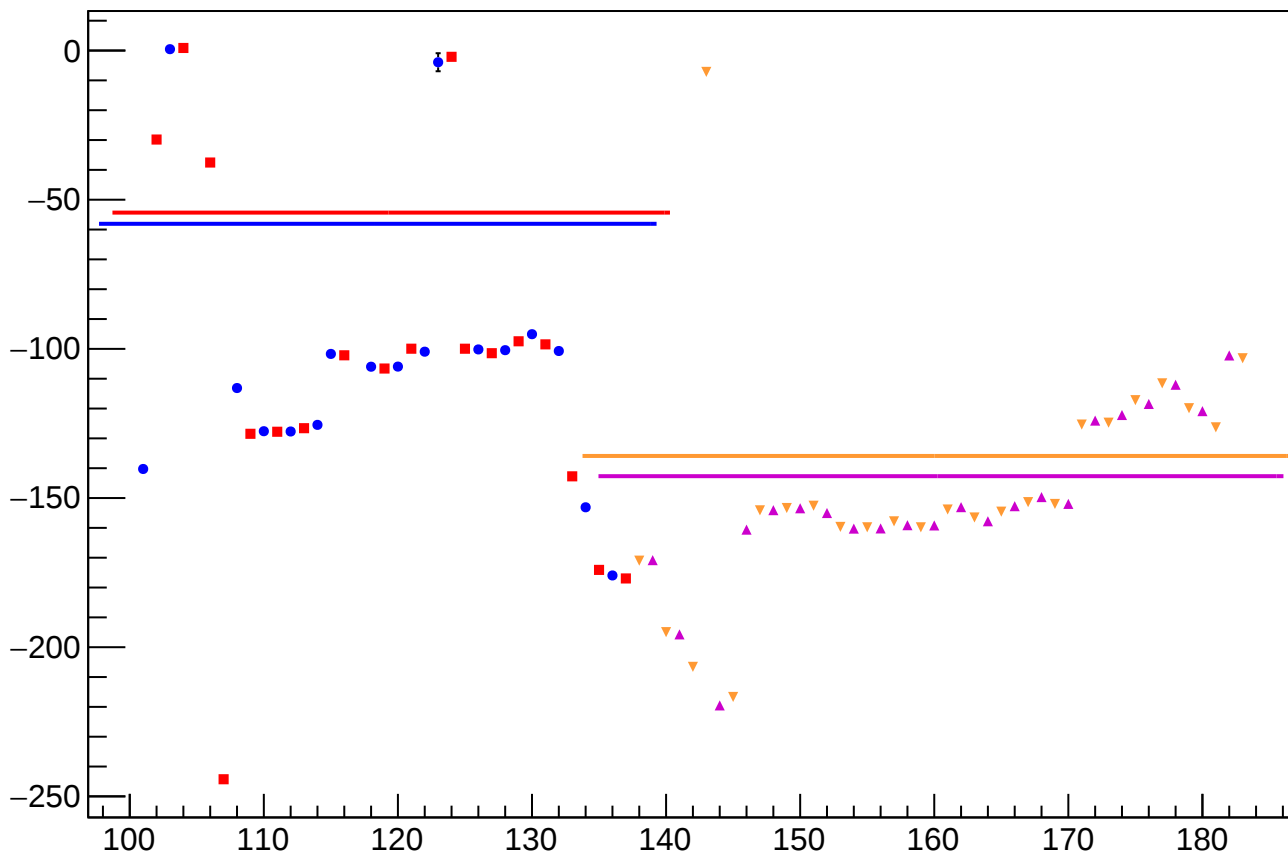
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 54.409 $\pm$ 0.780 χ^2 /NDF:1330.9/38

Out: 50.749 $\pm$ 0.758 χ^2 /NDF:1540.3/41

All: 52.526 $\pm$ 0.543 χ^2 /NDF: 2882.5/80

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.893 $\pm$ 0.045 χ^2 /NDF: 786934.6/23

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -142.671 $\pm$ 0.046 χ^2 /NDF: 325478.2/21

Left: -139.227 $\pm$ 0.032 χ^2 /NDF: 1123448.7/45

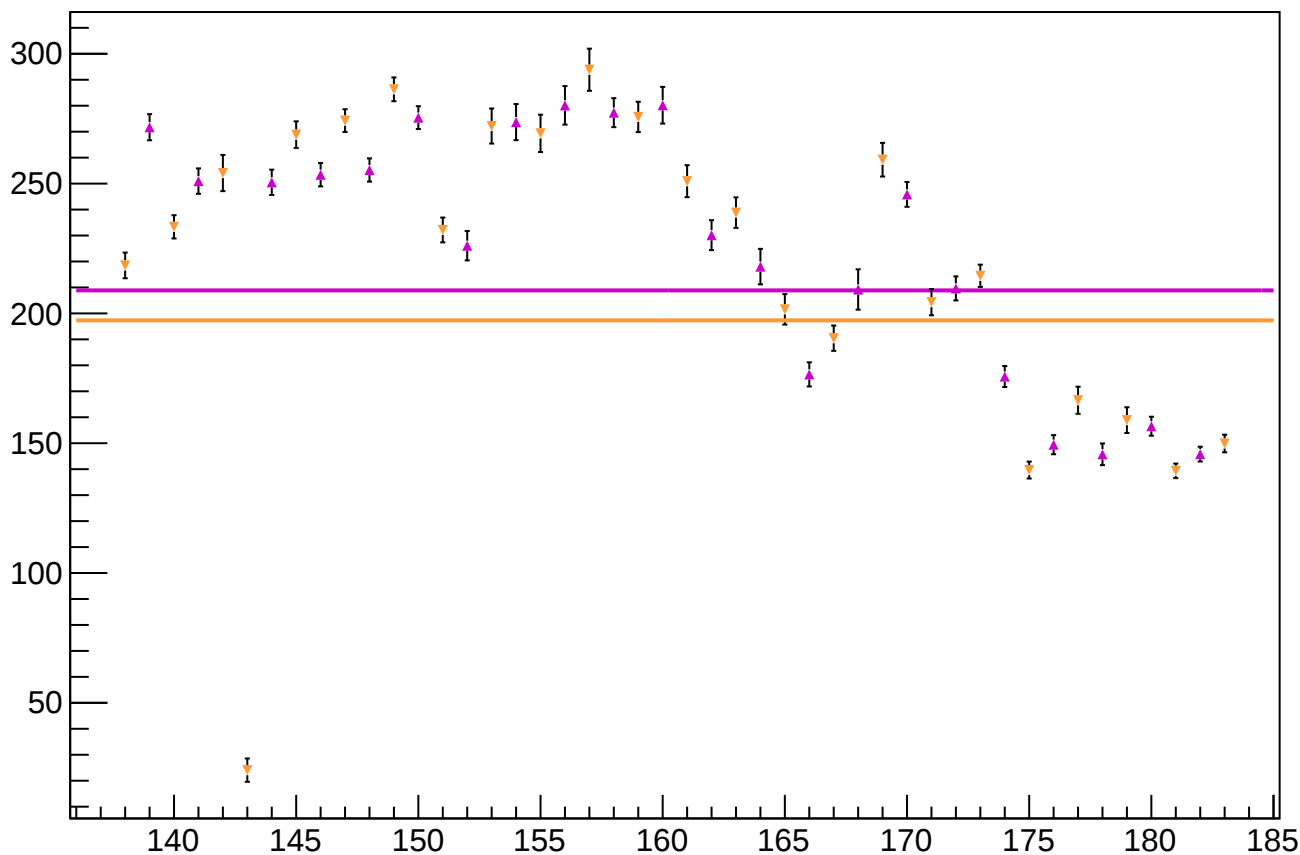
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.401 $\pm$ 0.037 χ^2 /NDF: 2640198.7/38

Out: -106.593 $\pm$ 0.036 χ^2 /NDF: 2945218.2/41

All: -109.447 $\pm$ 0.026 χ^2 /NDF: 5598046.8/80

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.330+/-0.972 χ^2/NDF :4384.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Left: 202.912+/-0.699 χ^2/NDF : 7004.9/45

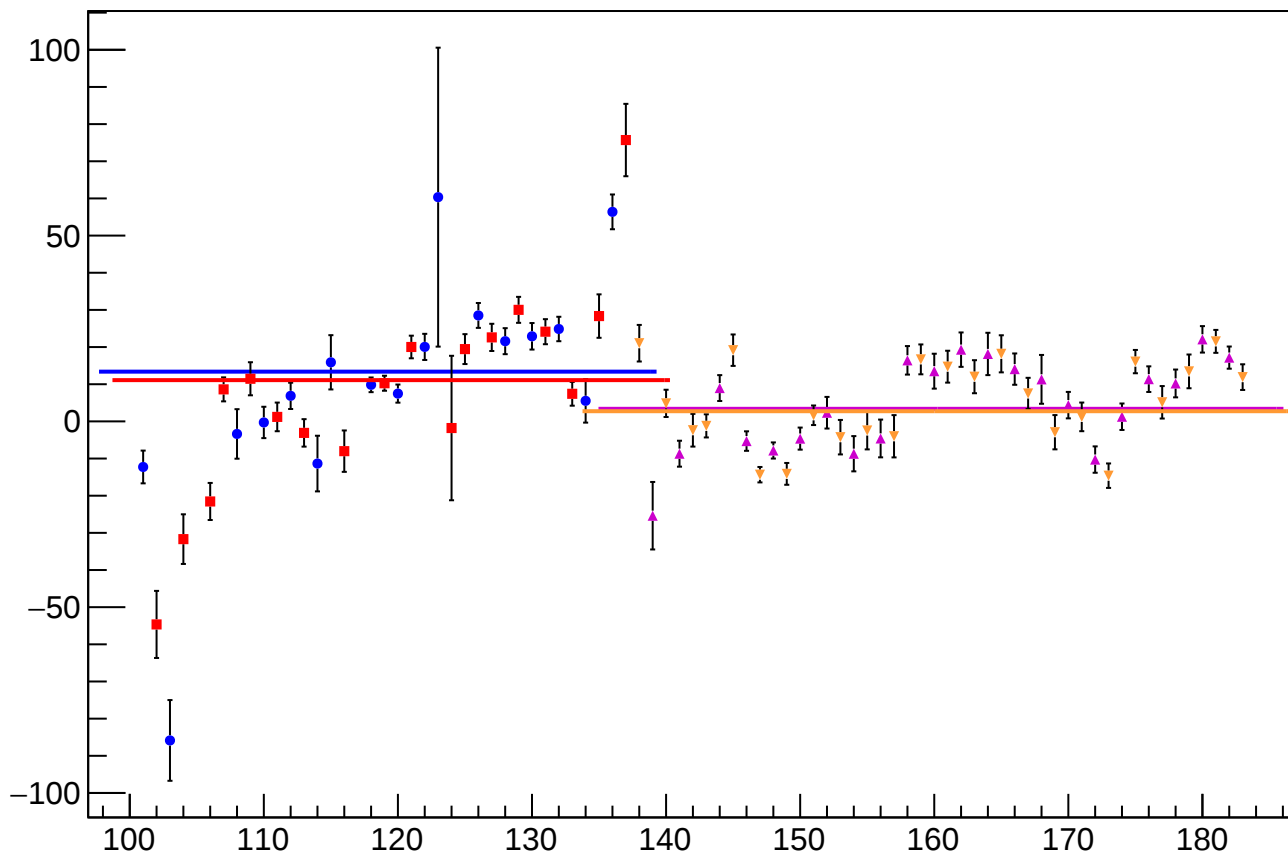
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Out: 197.330+/-0.972 χ^2/NDF :4384.3/23

All: 202.912+/-0.699 χ^2/NDF : 7004.9/45

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: 2.738 ± 0.746 χ^2/NDF : 270.4/23

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 3.382 ± 0.781 χ^2/NDF : 194.0/21

Left: 3.045 ± 0.539 χ^2/NDF : 464.8/45

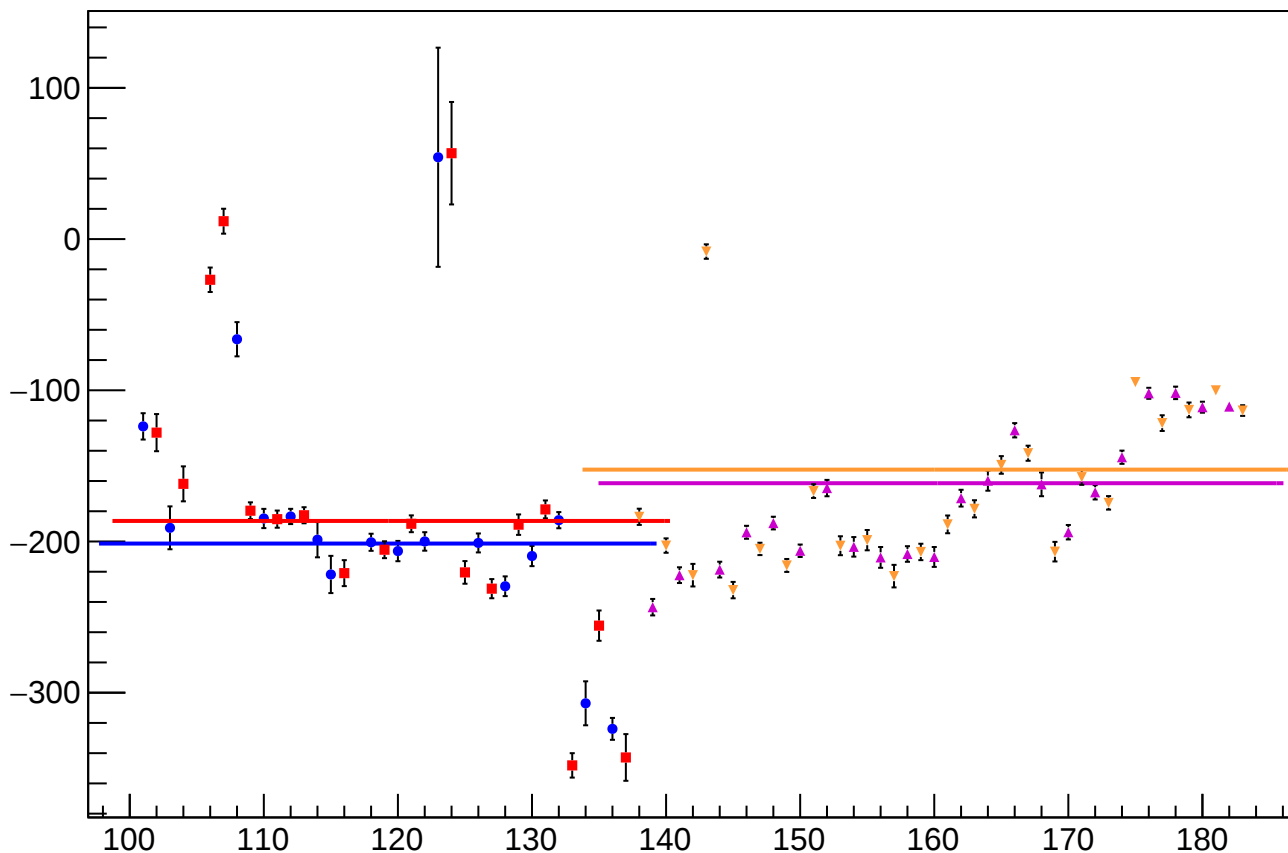
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.564 ± 0.596 χ^2/NDF : 556.7/38

Out: 6.076 ± 0.578 χ^2/NDF : 612.8/41

All: 6.799 ± 0.415 χ^2/NDF : 1172.7/80

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: -152.466 ± 0.976 χ^2/NDF : 3074.7/23

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -161.453 ± 1.002 χ^2/NDF : 2007.9/21

Left: -156.841 ± 0.699 χ^2/NDF : 5123.9/45

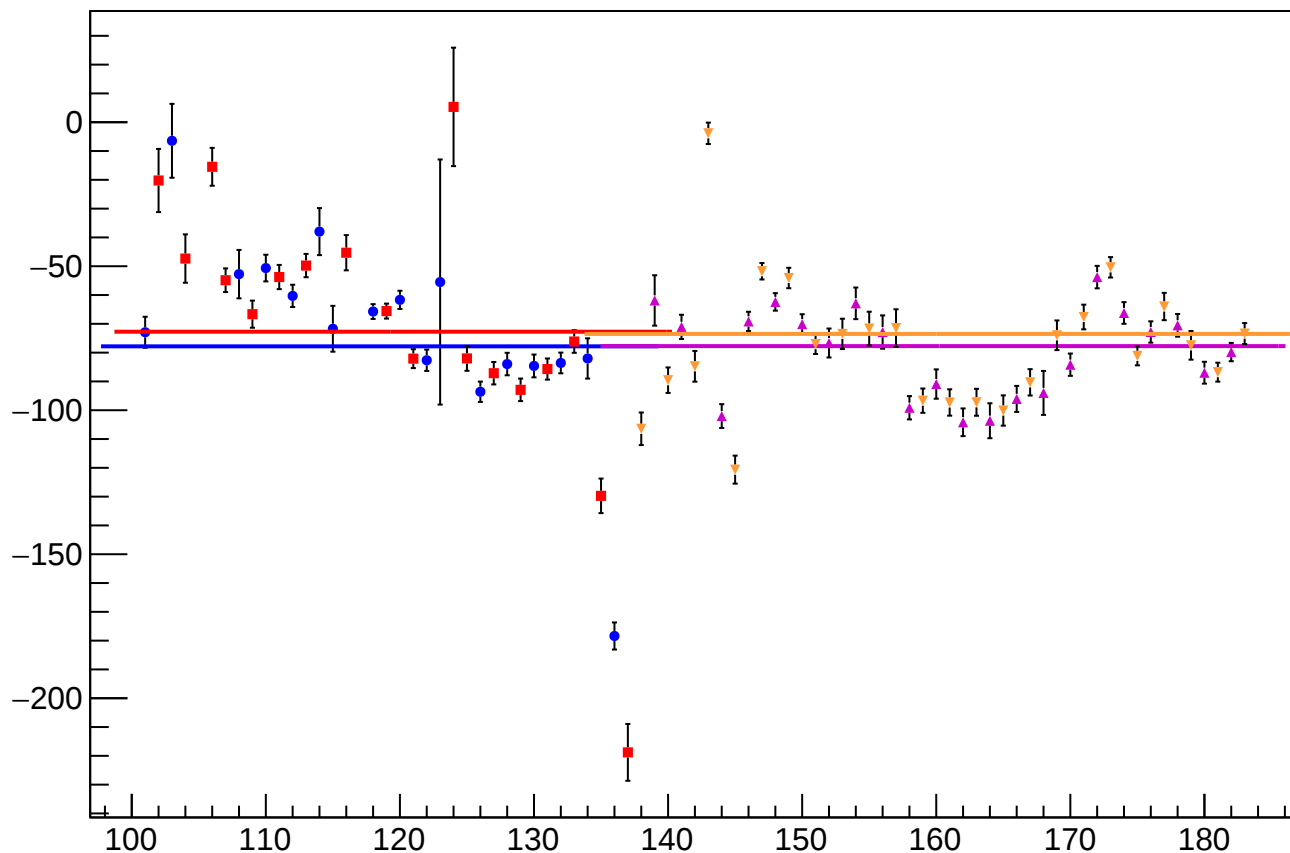
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -171.023 ± 0.873 χ^2/NDF : 3013.6/38

Out: -160.849 ± 0.847 χ^2/NDF : 5073.2/41

All: -165.777 ± 0.608 χ^2/NDF : 8156.7/80

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.510 ± 0.858 χ^2/NDF : 777.9/23

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.736 ± 0.892 χ^2/NDF : 251.0/21

Left: -75.542 ± 0.618 χ^2/NDF : 1040.6/45

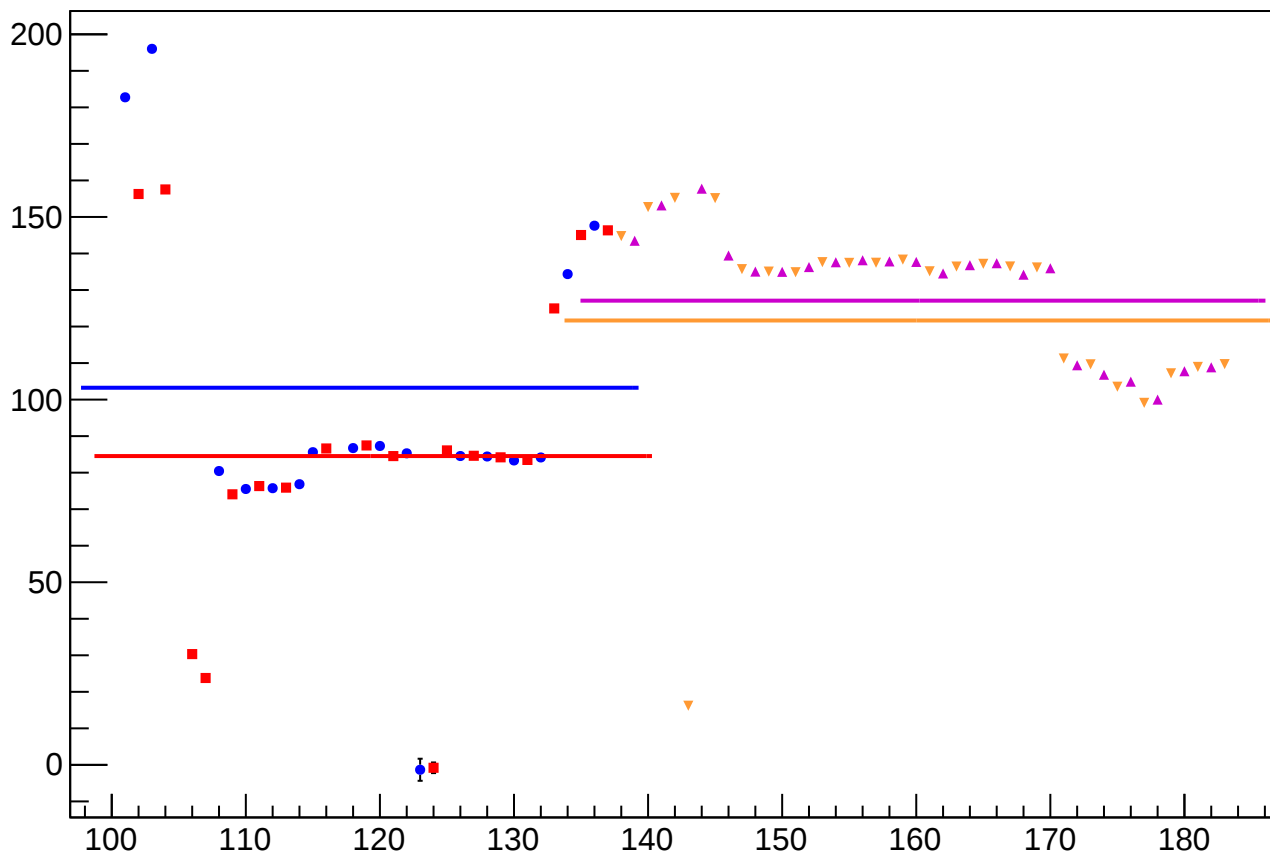
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.770 ± 0.684 χ^2/NDF : 907.3/38

Out: -73.200 ± 0.665 χ^2/NDF : 1377.2/41

All: -75.421 ± 0.477 χ^2/NDF : 2307.5/80

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: 121.658 $\pm$ 0.041 χ^2 /NDF: 479964.6/23

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 127.087 $\pm$ 0.042 χ^2 /NDF: 160141.6/21

Left: 124.326 $\pm$ 0.029 χ^2 /NDF: 648810.1/45

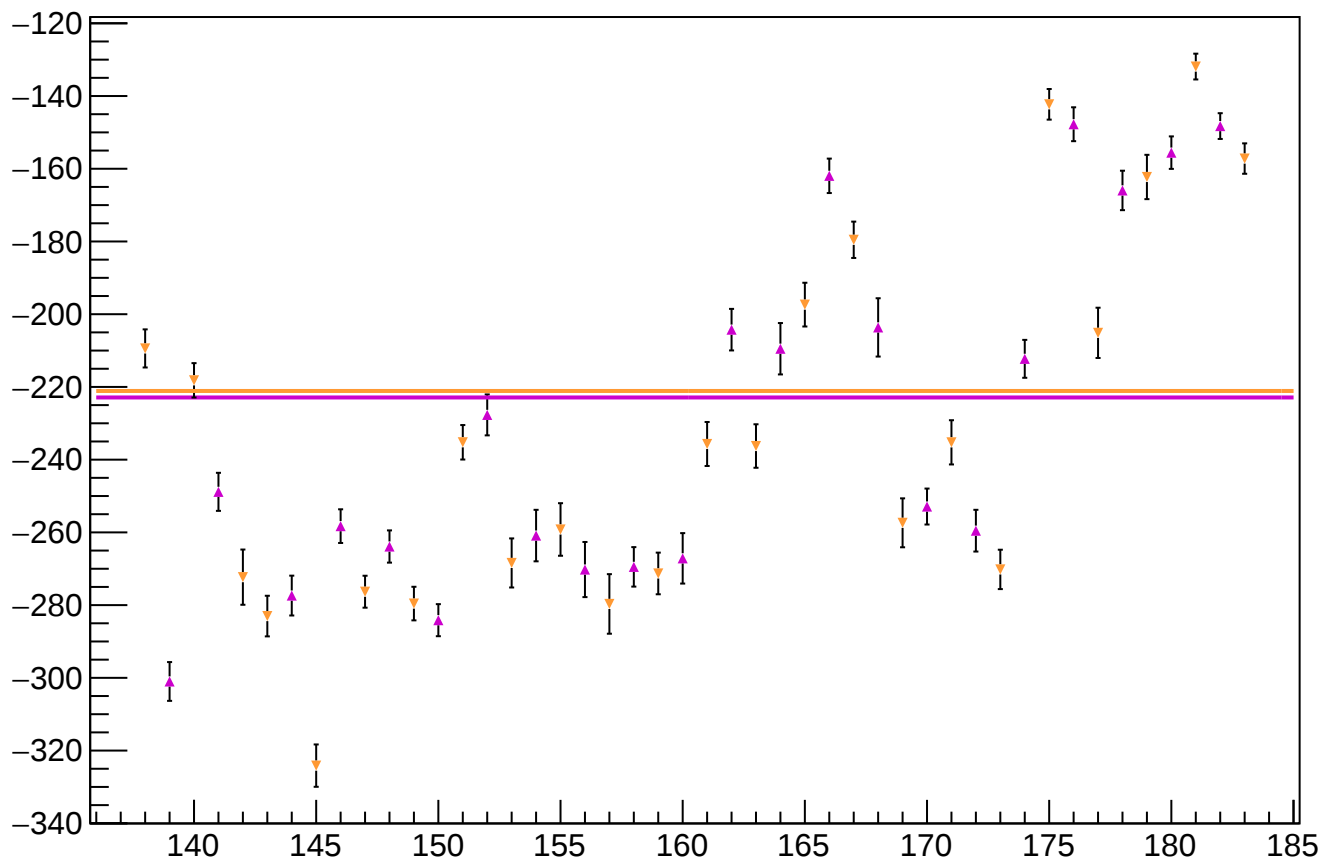
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 120.946 $\pm$ 0.036 χ^2 /NDF: 518526.5/38

Out: 110.913 $\pm$ 0.034 χ^2 /NDF: 1130963.4/41

All: 115.734 $\pm$ 0.025 χ^2 /NDF: 1690394.4/80

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: -221.110+/-1.093 χ^2/NDF :2547.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Left: -221.988+/-0.780 χ^2/NDF : 4715.2/45

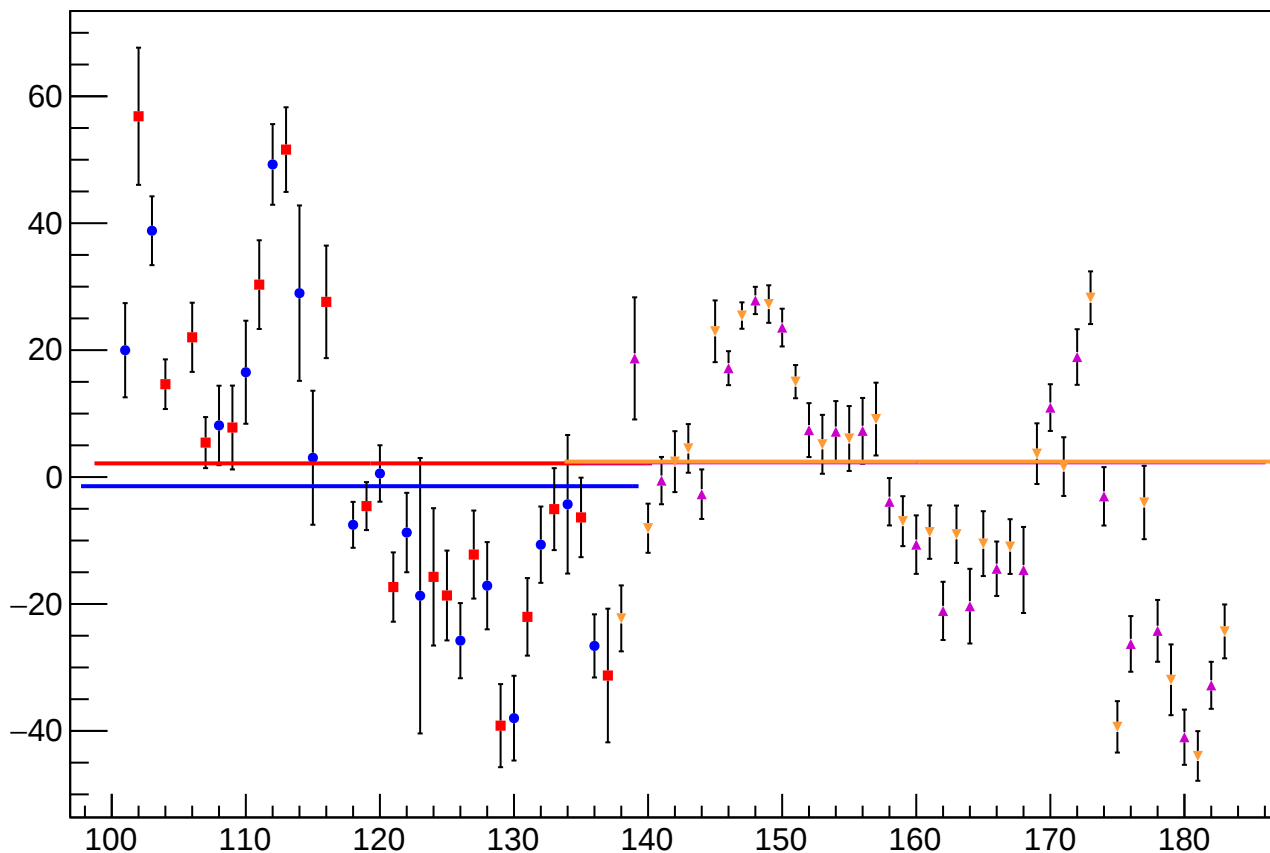
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -222.899+/-1.114 χ^2/NDF :2166.1/21

Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

All: -221.988+/-0.780 χ^2/NDF : 4715.2/45

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 2.438 ± 0.811 χ^2/NDF : 666.3/23

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 2.317 ± 0.840 χ^2/NDF : 586.4/21

Left: 2.379 ± 0.584 χ^2/NDF : 1252.7/45

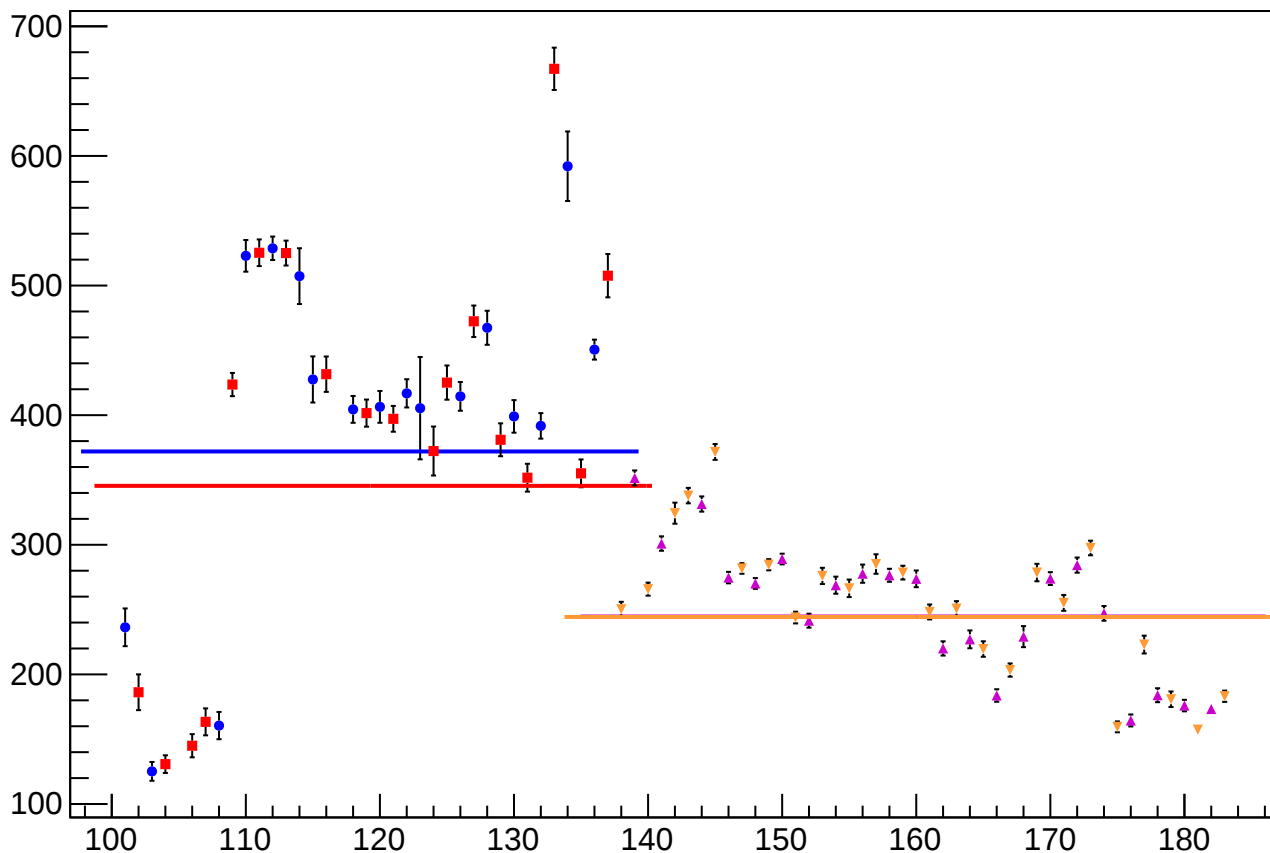
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 1.434 ± 0.735 χ^2/NDF : 815.6/38

Out: 2.367 ± 0.702 χ^2/NDF : 896.5/41

All: 1.922 ± 0.508 χ^2/NDF : 1712.9/80

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: 244.321 $\pm$ 1.090 χ^2 /NDF:2559.6/23

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 244.675 $\pm$ 1.104 χ^2 /NDF:2276.8/21

Left: 244.496 $\pm$ 0.776 χ^2 /NDF: 4836.4/45

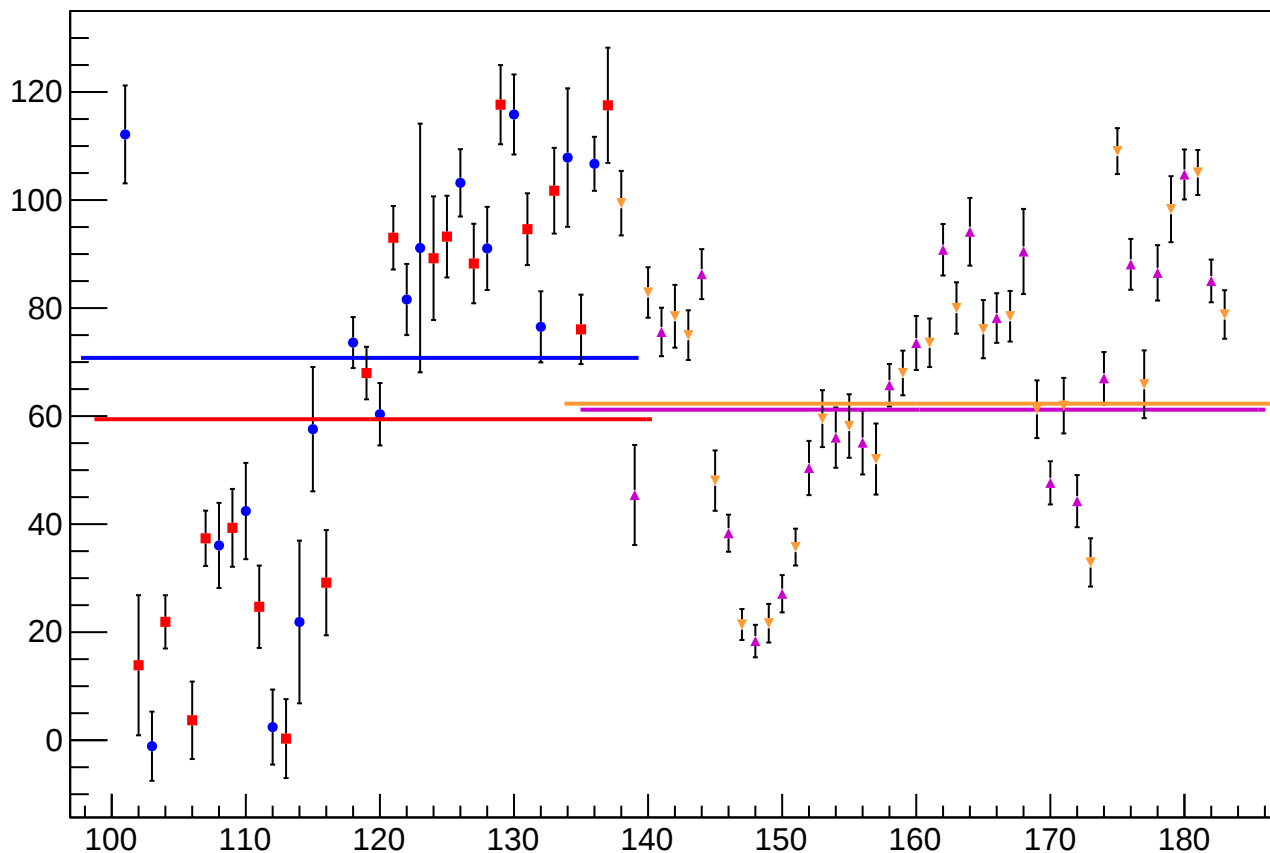
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 262.185 $\pm$ 1.025 χ^2 /NDF:6537.1/38

Out: 259.794 $\pm$ 1.003 χ^2 /NDF:7279.2/41

All: 260.963 $\pm$ 0.717 χ^2 /NDF: 13819.1/80

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: 62.302 $\pm$ 0.942 χ^2 /NDF:834.8/23

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 61.190 $\pm$ 0.968 χ^2 /NDF:702.3/21

Left: 61.761 $\pm$ 0.675 χ^2 /NDF: 1537.8/45

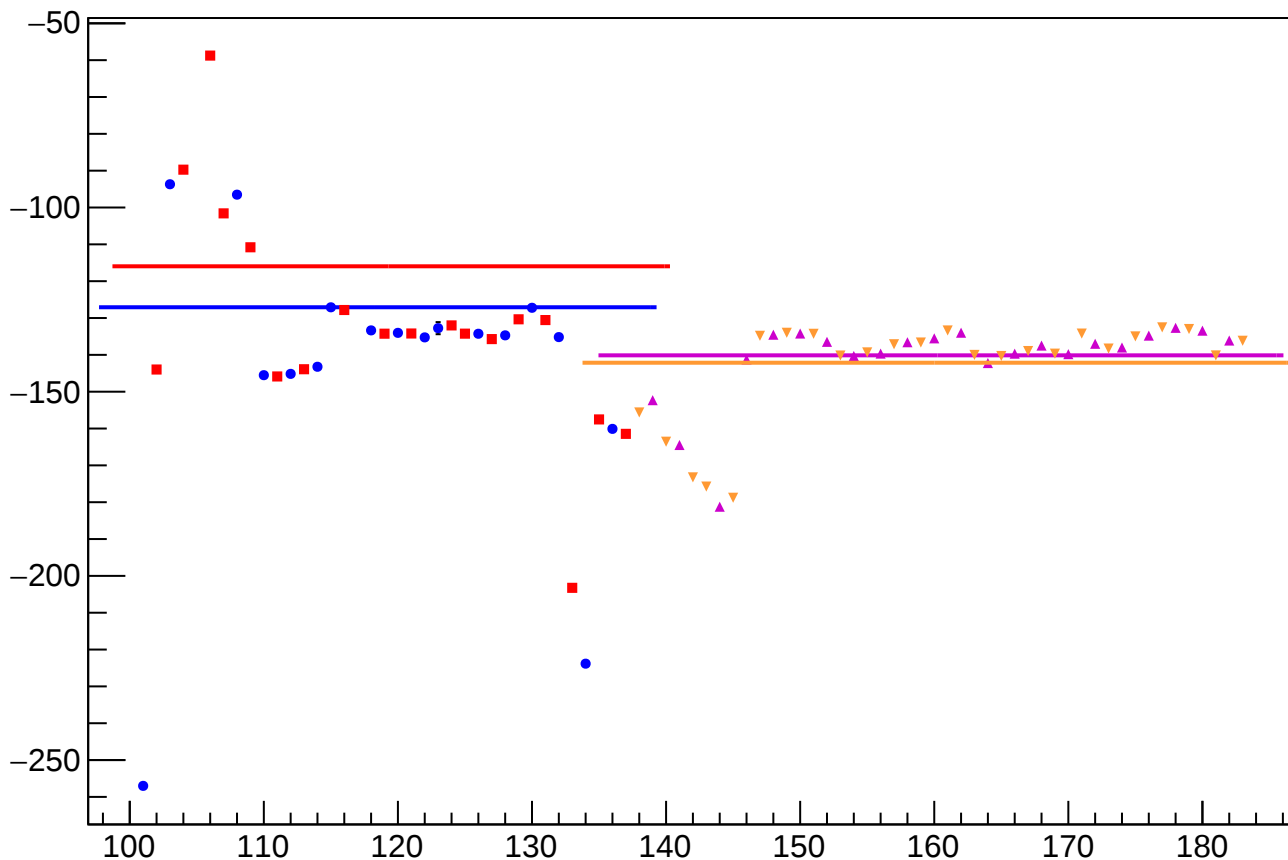
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 63.443 $\pm$ 0.847 χ^2 /NDF:1149.3/38

Out: 61.582 $\pm$ 0.816 χ^2 /NDF:1323.8/41

All: 62.478 $\pm$ 0.588 χ^2 /NDF: 2475.5/80

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: -142.135+/-0.045 χ^2/NDF : 79564.9/23

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -140.129+/-0.045 χ^2/NDF : 48394.0/21

Left: -141.136+/-0.032 χ^2/NDF : 128942.0/45

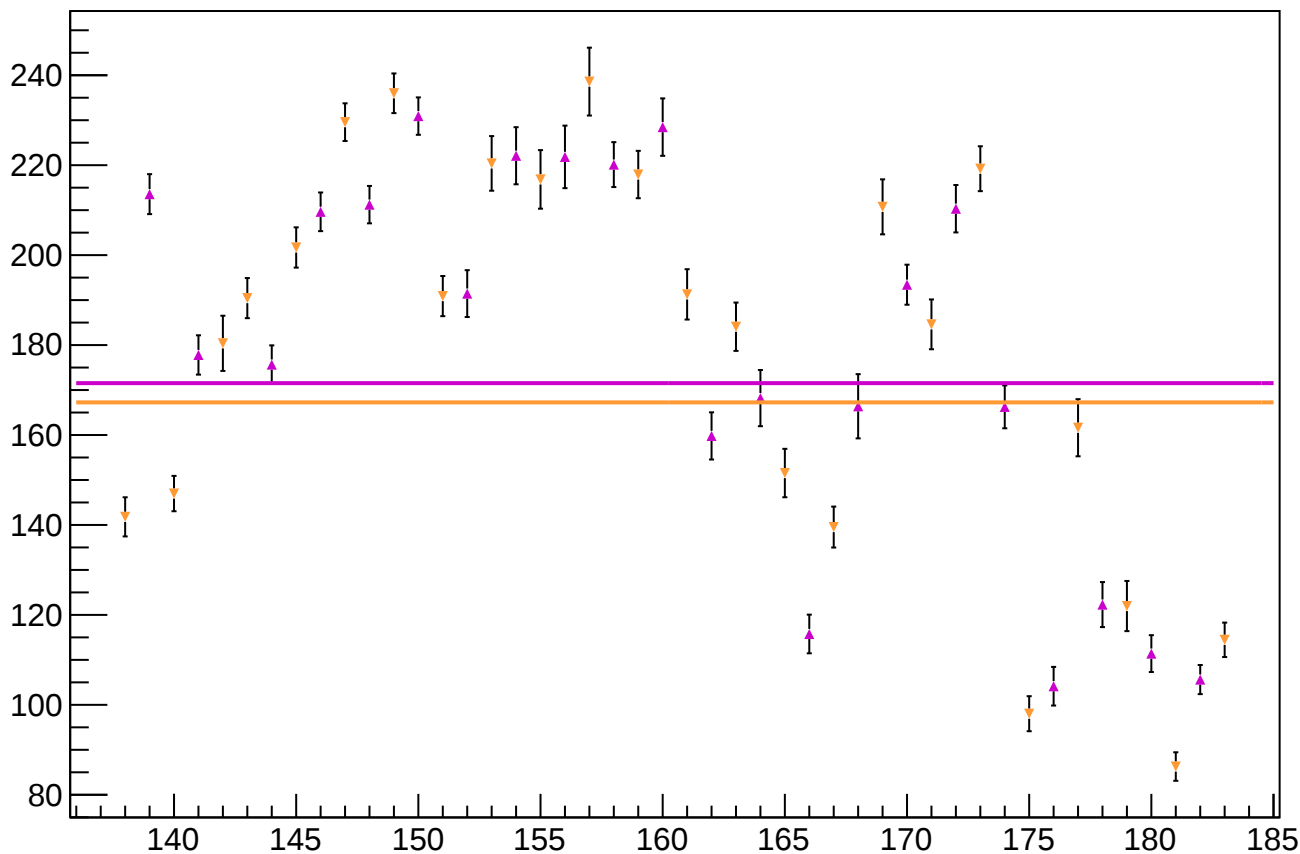
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.466+/-0.040 χ^2/NDF : 232343.3/38

Out: -136.162+/-0.040 χ^2/NDF : 315280.6/41

All: -136.801+/-0.028 χ^2/NDF : 548154.0/80

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: 167.256+/-0.978 χ^2/NDF :2427.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Left: 169.336+/-0.701 χ^2/NDF : 4433.9/45

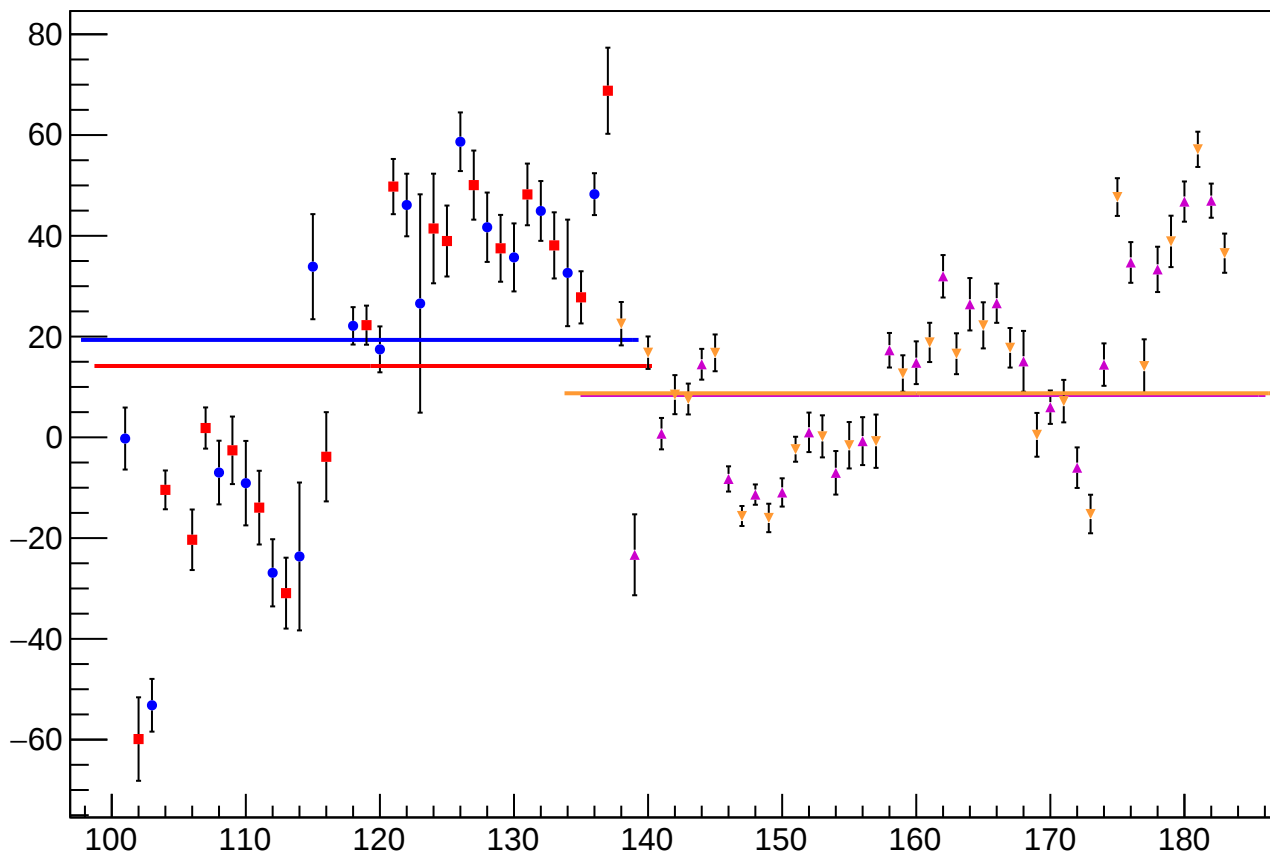
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Out: 167.256+/-0.978 χ^2/NDF :2427.4/23

All: 169.336+/-0.701 χ^2/NDF : 4433.9/45

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: 8.744 $\pm$ 0.732 χ^2/NDF : 736.6/23

Right Out: 14.162 $\pm$ 1.391 χ^2/NDF : 426.0/17

Left In: 8.411 $\pm$ 0.763 χ^2/NDF : 619.6/21

Left: 8.585 $\pm$ 0.528 χ^2/NDF : 1356.3/45

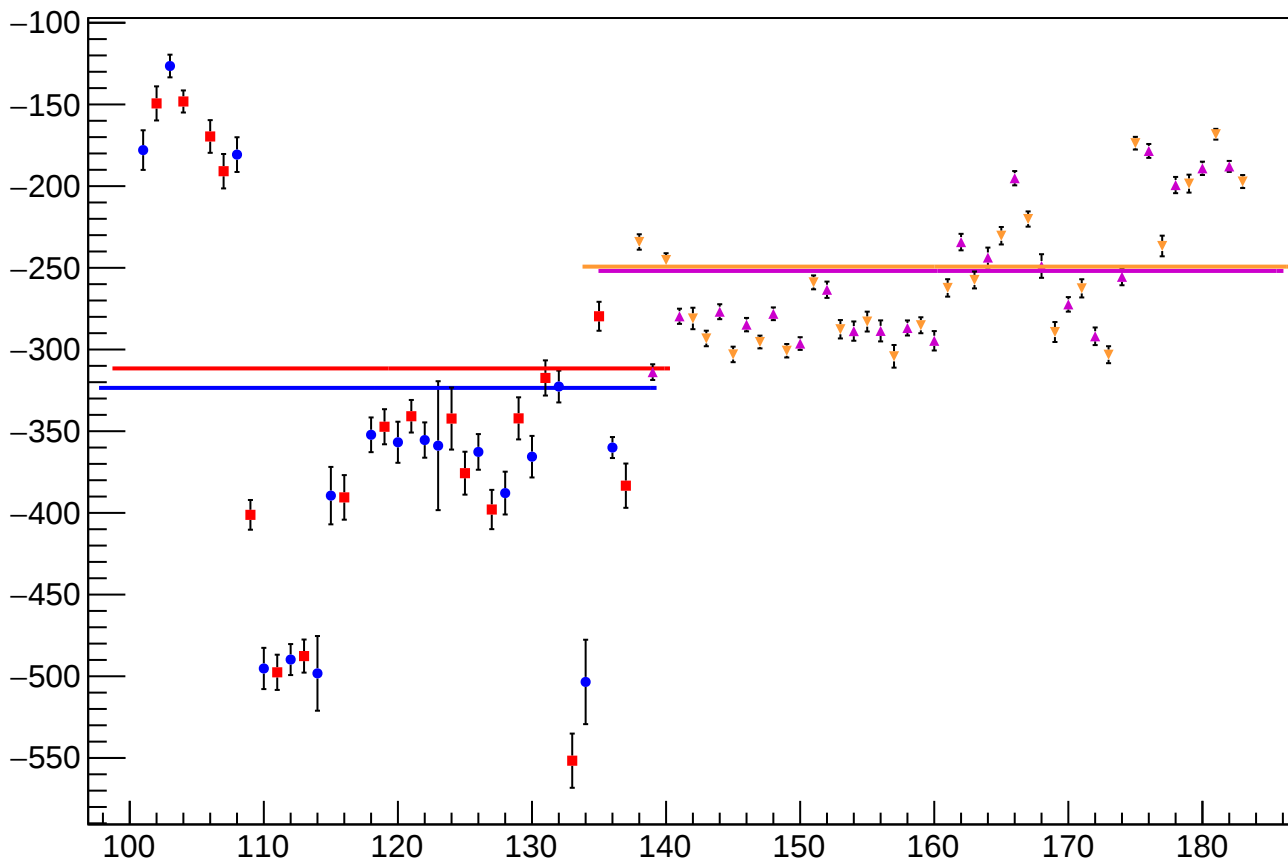
Right: 16.585 $\pm$ 1.014 χ^2/NDF : 872.4/34

In: 10.700 $\pm$ 0.678 χ^2/NDF : 1102.4/38

Out: 9.919 $\pm$ 0.648 χ^2/NDF : 1174.5/41

All: 10.291 $\pm$ 0.469 χ^2/NDF : 2277.6/80

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -249.260 $\pm$ 0.979 χ^2 /NDF:2200.8/23

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -251.901 $\pm$ 0.999 χ^2 /NDF:1926.2/21

Left: -250.554 $\pm$ 0.699 χ^2 /NDF: 4130.6/45

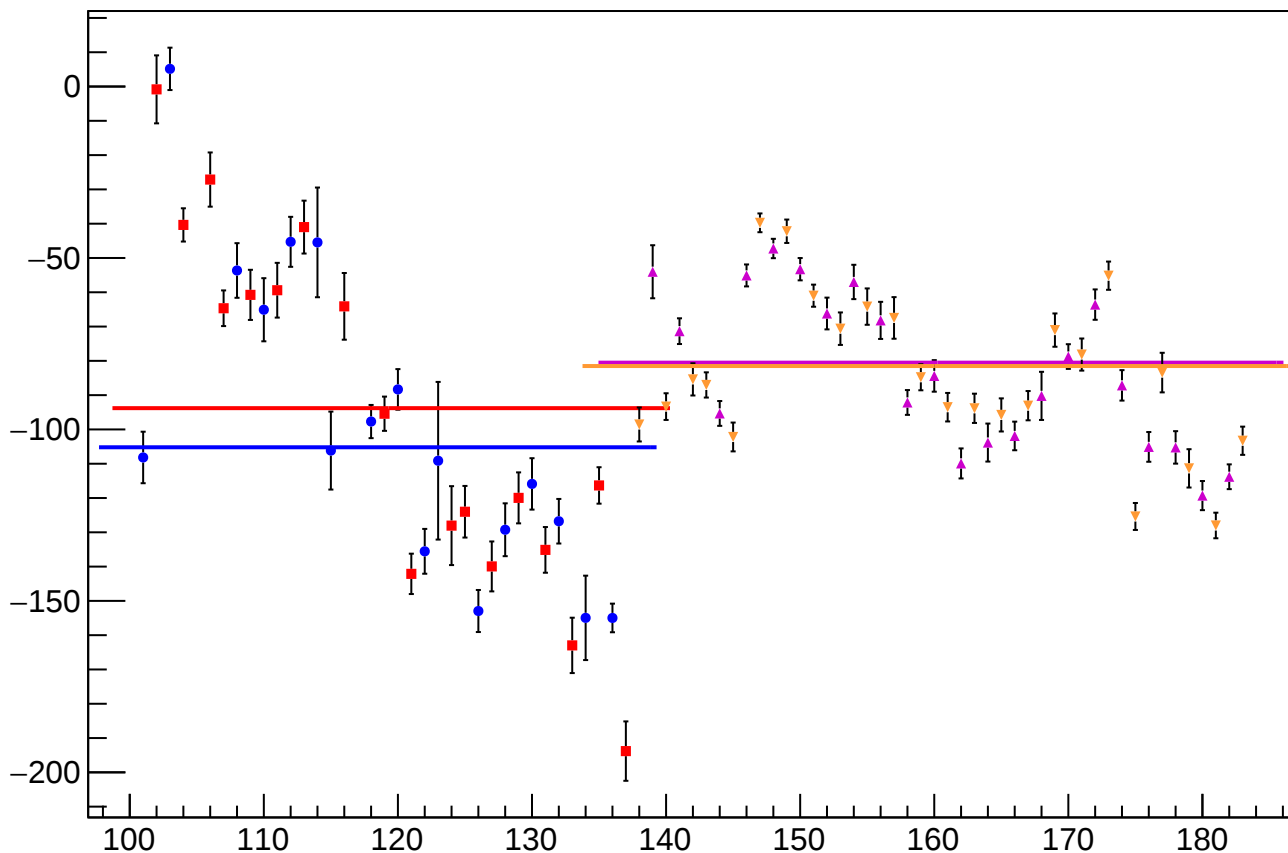
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -260.683 $\pm$ 0.936 χ^2 /NDF:4403.2/38

Out: -257.393 $\pm$ 0.913 χ^2 /NDF:4973.3/41

All: -258.997 $\pm$ 0.654 χ^2 /NDF: 9382.9/80

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: -81.512 ± 0.848 χ^2/NDF : 891.4/23

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -80.527 ± 0.878 χ^2/NDF : 690.2/21

Left: -81.036 ± 0.610 χ^2/NDF : 1582.2/45

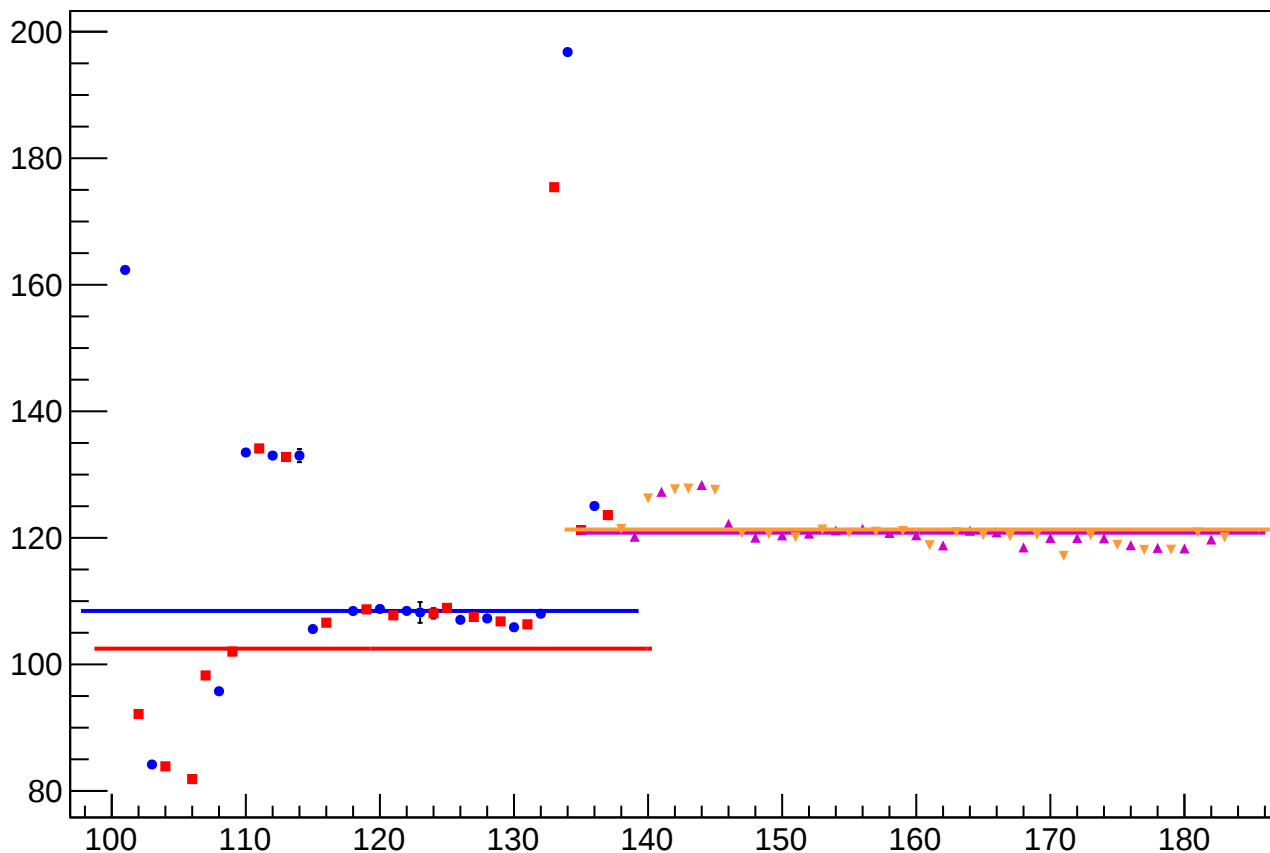
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -85.740 ± 0.780 χ^2/NDF : 1592.6/38

Out: -84.178 ± 0.751 χ^2/NDF : 1752.3/41

All: -84.929 ± 0.541 χ^2/NDF : 3347.0/80

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: 121.324 $\pm$ 0.040 χ^2 /NDF: 4883.8/23

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 120.822 $\pm$ 0.041 χ^2 /NDF: 3368.0/21

Left: 121.076 $\pm$ 0.029 χ^2 /NDF: 8328.0/45

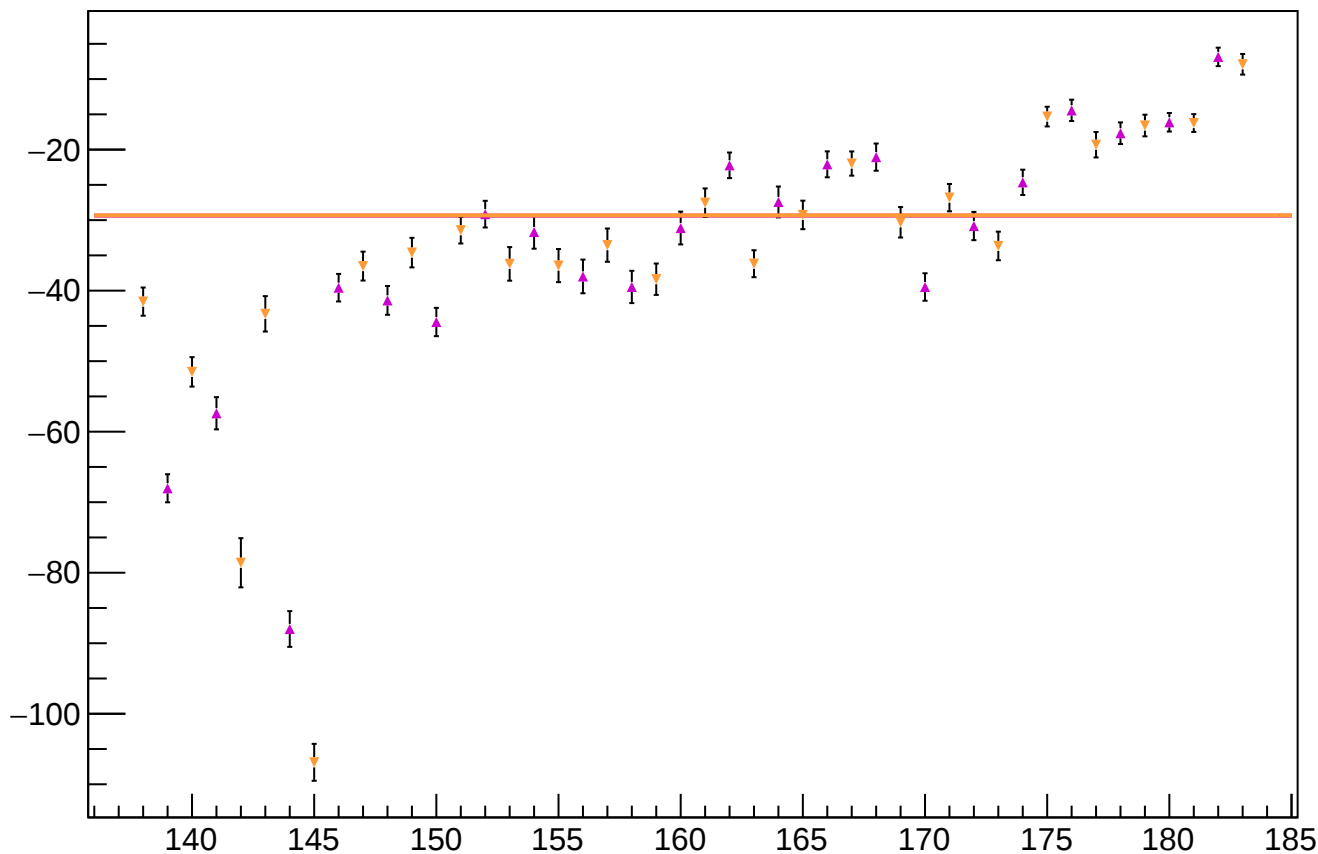
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.480 $\pm$ 0.037 χ^2 /NDF: 93898.1/38

Out: 117.455 $\pm$ 0.036 χ^2 /NDF: 102274.1/41

All: 117.956 $\pm$ 0.026 χ^2 /NDF: 196567.3/80

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.325 $\pm$ 0.392 χ^2 /NDF:1875.3/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.363 $\pm$ 0.399 χ^2 /NDF:1852.0/21

Left: -29.343 $\pm$ 0.280 χ^2 /NDF: 3727.3/45

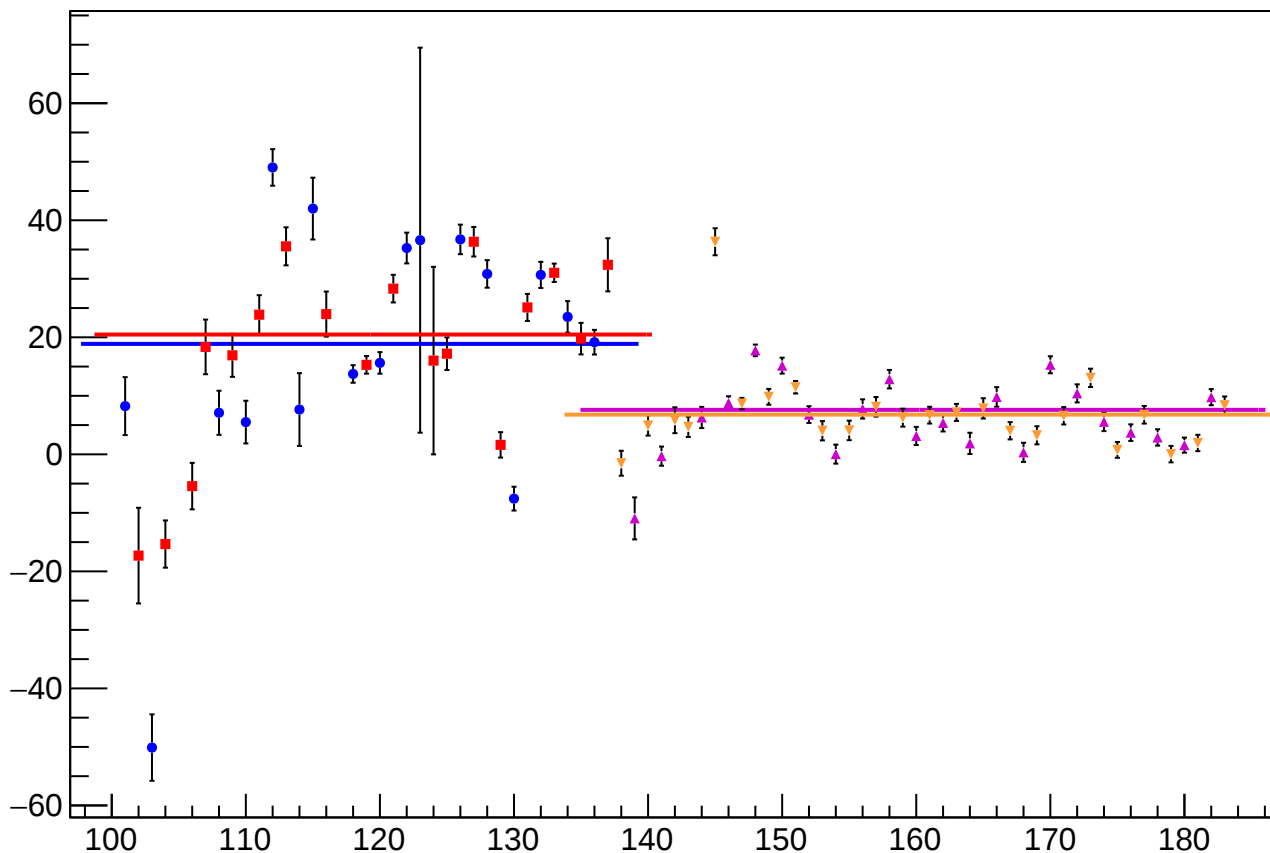
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.363 $\pm$ 0.399 χ^2 /NDF:1852.0/21

Out: -29.325 $\pm$ 0.392 χ^2 /NDF:1875.3/23

All: -29.343 $\pm$ 0.280 χ^2 /NDF: 3727.3/45

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 6.785 $\pm$ 0.305 χ^2 /NDF: 297.2/23

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 7.603 $\pm$ 0.315 χ^2 /NDF: 338.6/21

Left: 7.180 $\pm$ 0.219 χ^2 /NDF: 639.3/45

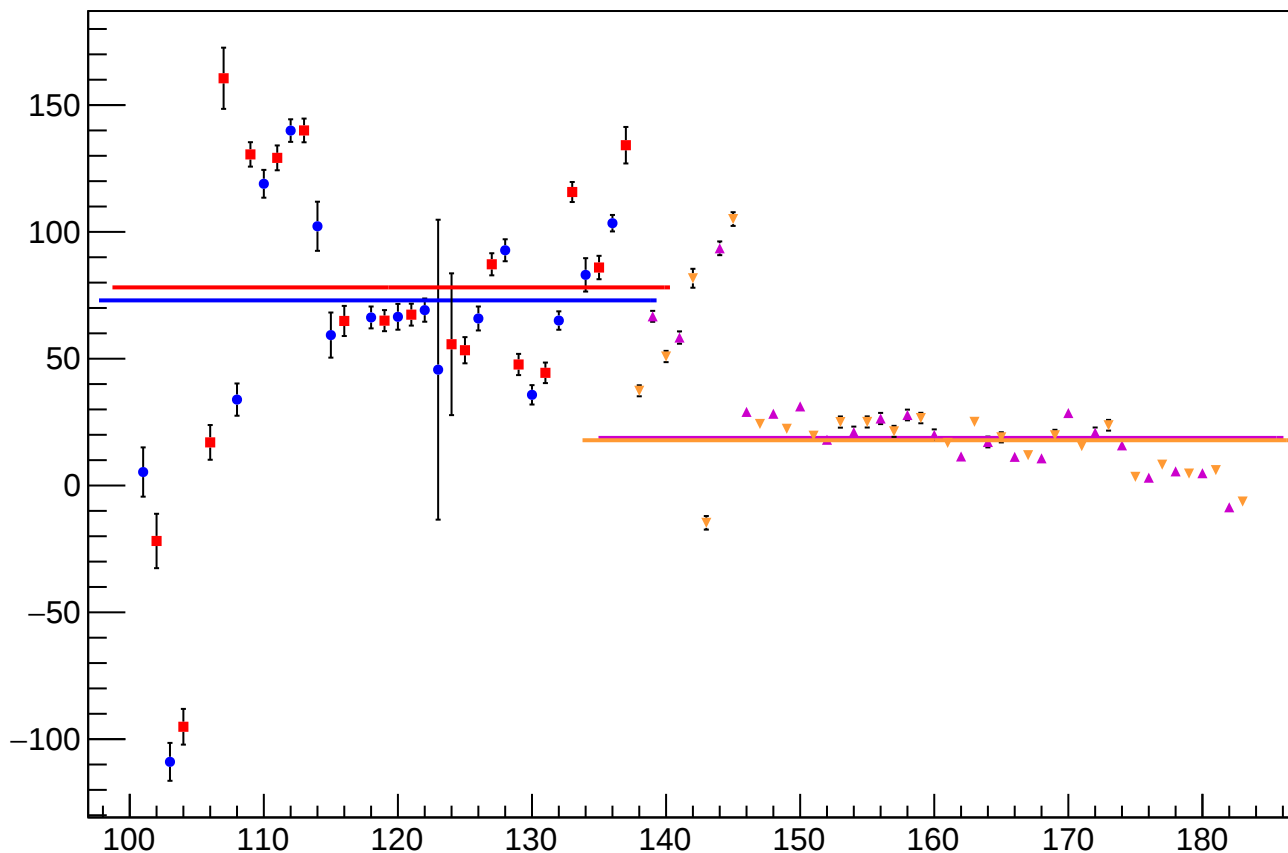
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 9.780 $\pm$ 0.283 χ^2 /NDF: 1206.0/38

Out: 9.295 $\pm$ 0.276 χ^2 /NDF: 1029.1/41

All: 9.531 $\pm$ 0.197 χ^2 /NDF: 2236.7/80

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 $\chi^2/\text{NDF}: 1205.5/16$

Left Out: 17.851 ± 0.390 $\chi^2/\text{NDF}: 2423.1/23$

Right Out: 78.119 ± 1.224 $\chi^2/\text{NDF}: 1546.8/17$

Left In: 18.772 ± 0.396 $\chi^2/\text{NDF}: 2433.8/21$

Left: 18.305 ± 0.278 $\chi^2/\text{NDF}: 4859.7/45$

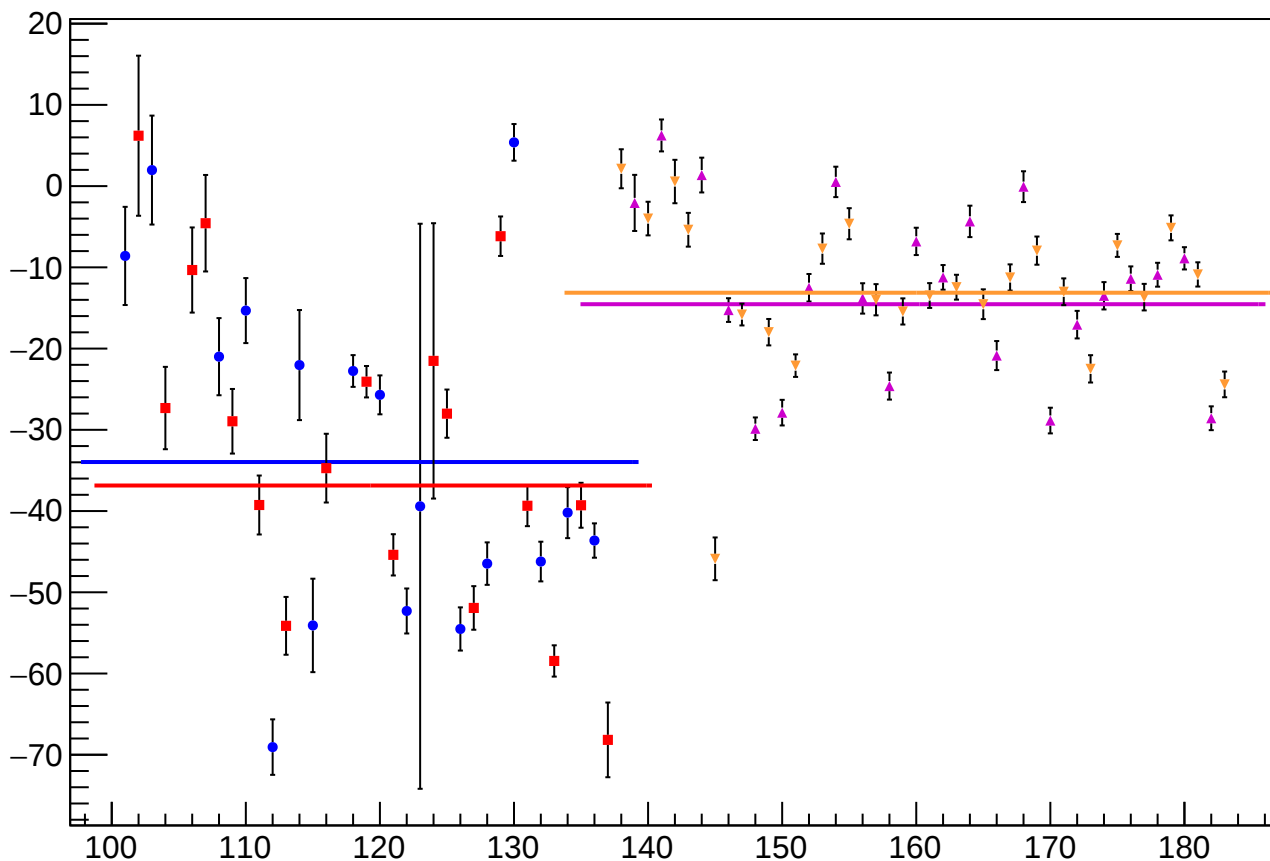
Right: 75.568 ± 0.868 $\chi^2/\text{NDF}: 2761.0/34$

In: 23.862 ± 0.377 $\chi^2/\text{NDF}: 5400.0/38$

Out: 23.411 ± 0.372 $\chi^2/\text{NDF}: 6171.2/41$

All: 23.633 ± 0.265 $\chi^2/\text{NDF}: 11571.9/80$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.124 ± 0.346 χ^2/NDF : 479.5/23

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.538 ± 0.356 χ^2/NDF : 804.8/21

Left: -13.811 ± 0.248 χ^2/NDF : 1292.4/45

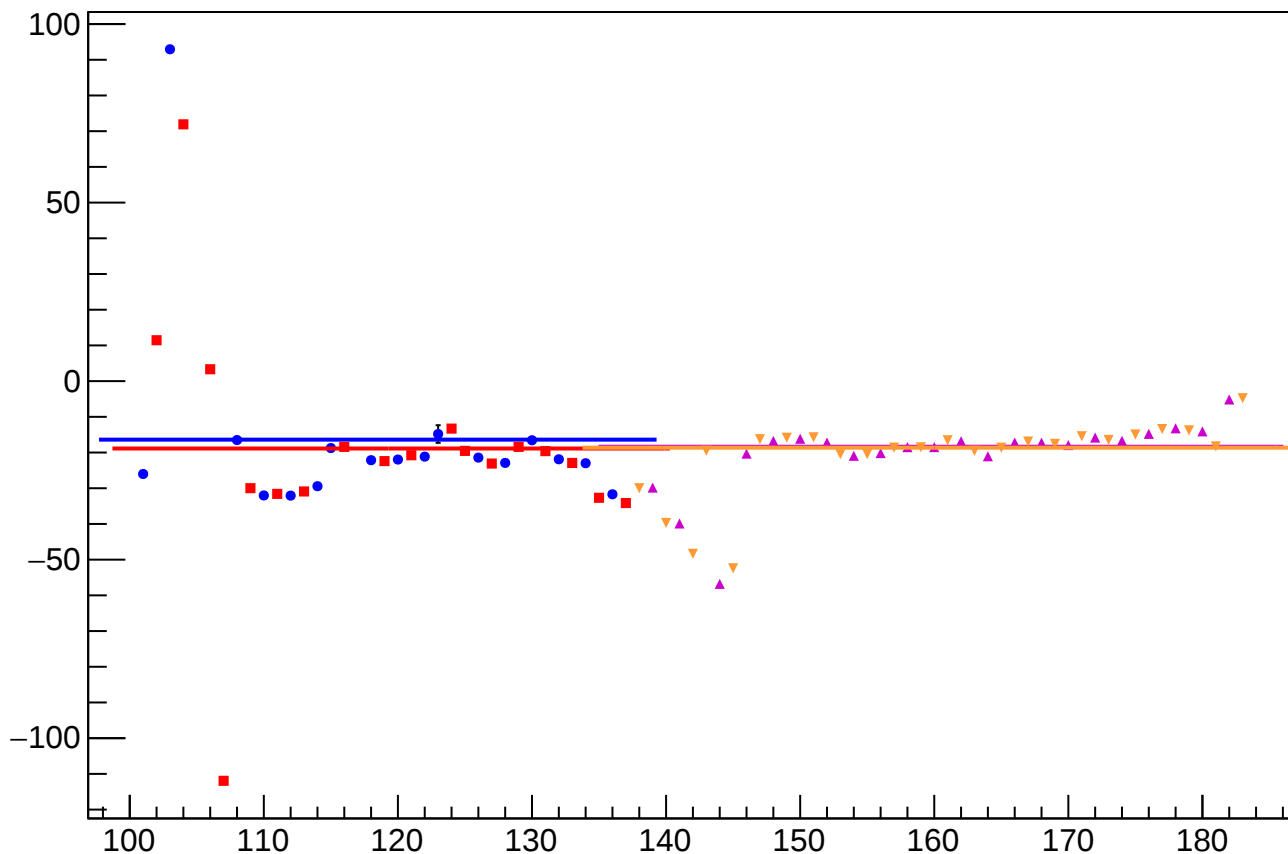
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.215 ± 0.321 χ^2/NDF : 2089.1/38

Out: -17.420 ± 0.314 χ^2/NDF : 1864.2/41

All: -17.808 ± 0.224 χ^2/NDF : 3956.5/80

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386+/-0.044 χ^2/NDF : 474297.3/16

Left Out: -18.638+/-0.016 χ^2/NDF : 266448.9/23

Right Out: -18.873+/-0.045 χ^2/NDF : 433372.4/17

Left In: -18.373+/-0.016 χ^2/NDF : 234871.4/21

Left: -18.507+/-0.011 χ^2/NDF : 501456.3/45

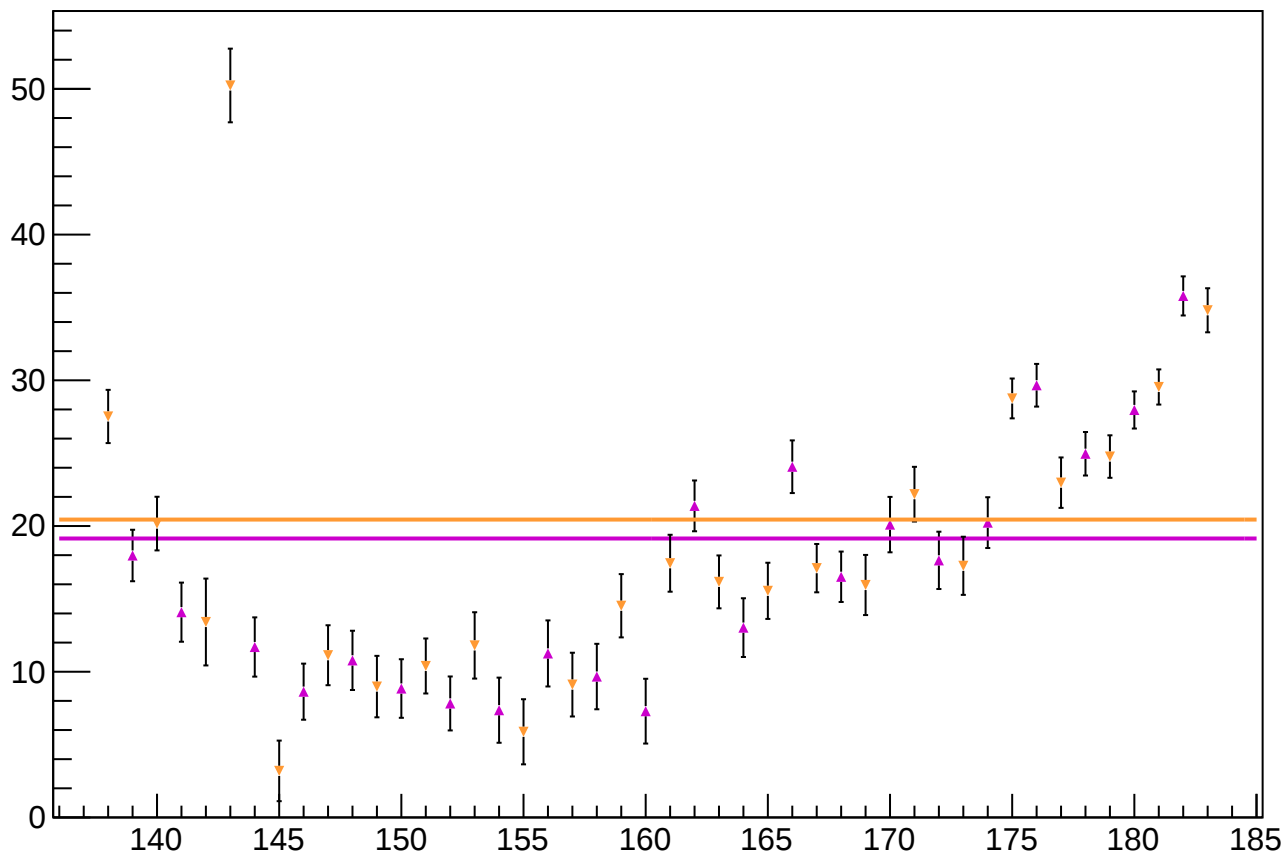
Right: -17.607+/-0.032 χ^2/NDF : 909205.2/34

In: -18.140+/-0.015 χ^2/NDF : 710931.3/38

Out: -18.664+/-0.015 χ^2/NDF : 699845.2/41

All: -18.405+/-0.011 χ^2/NDF : 1411374.7/80

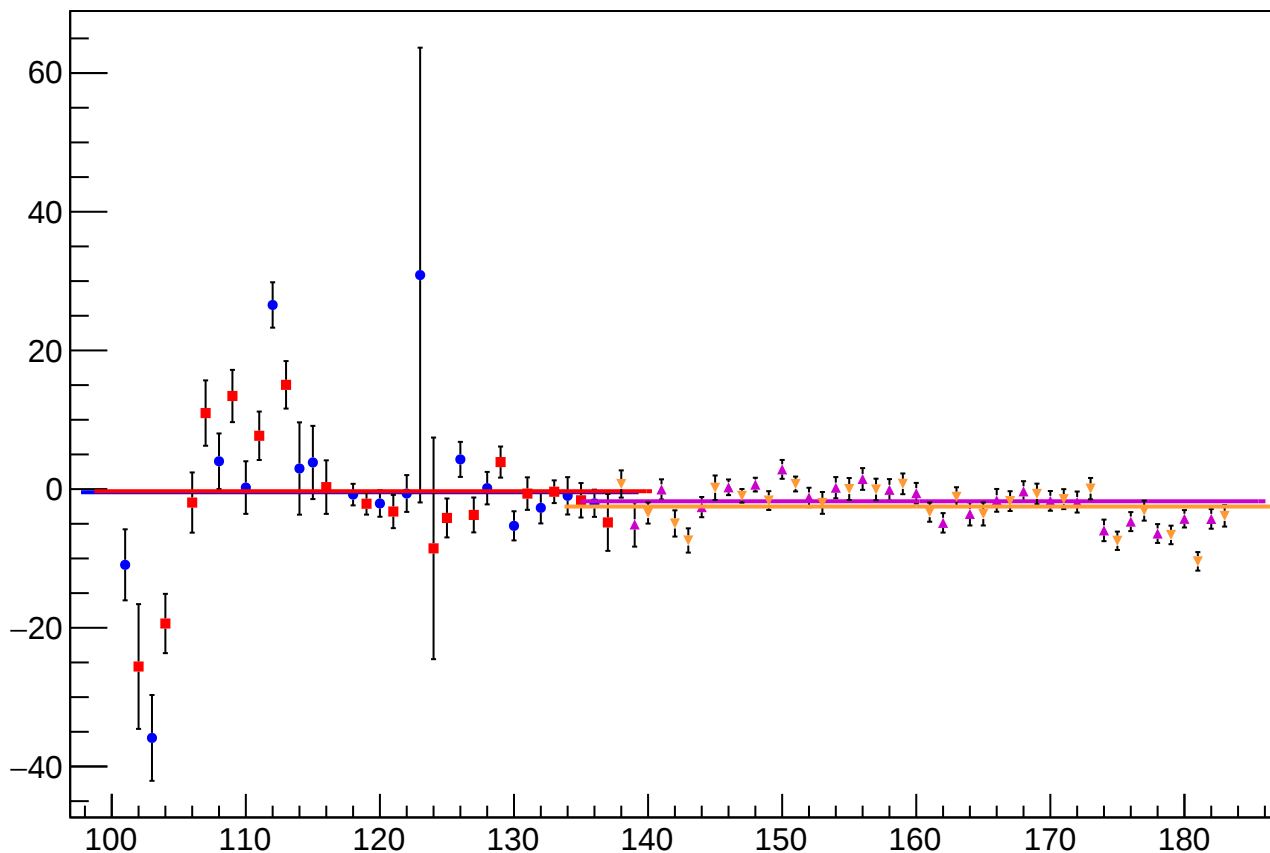
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 19.144 $\pm$ 0.383 χ^2/NDF :506.8/21

Left: 19.806 $\pm$ 0.268 χ^2/NDF : 1132.0/45
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 19.144 $\pm$ 0.383 χ^2/NDF :506.8/21
 Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 All: 19.806 $\pm$ 0.268 χ^2/NDF : 1132.0/45

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: -2.513 ± 0.294 χ^2/NDF : 103.1/23

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.754 ± 0.304 χ^2/NDF : 69.0/21

Left: -2.146 ± 0.211 χ^2/NDF : 175.3/45

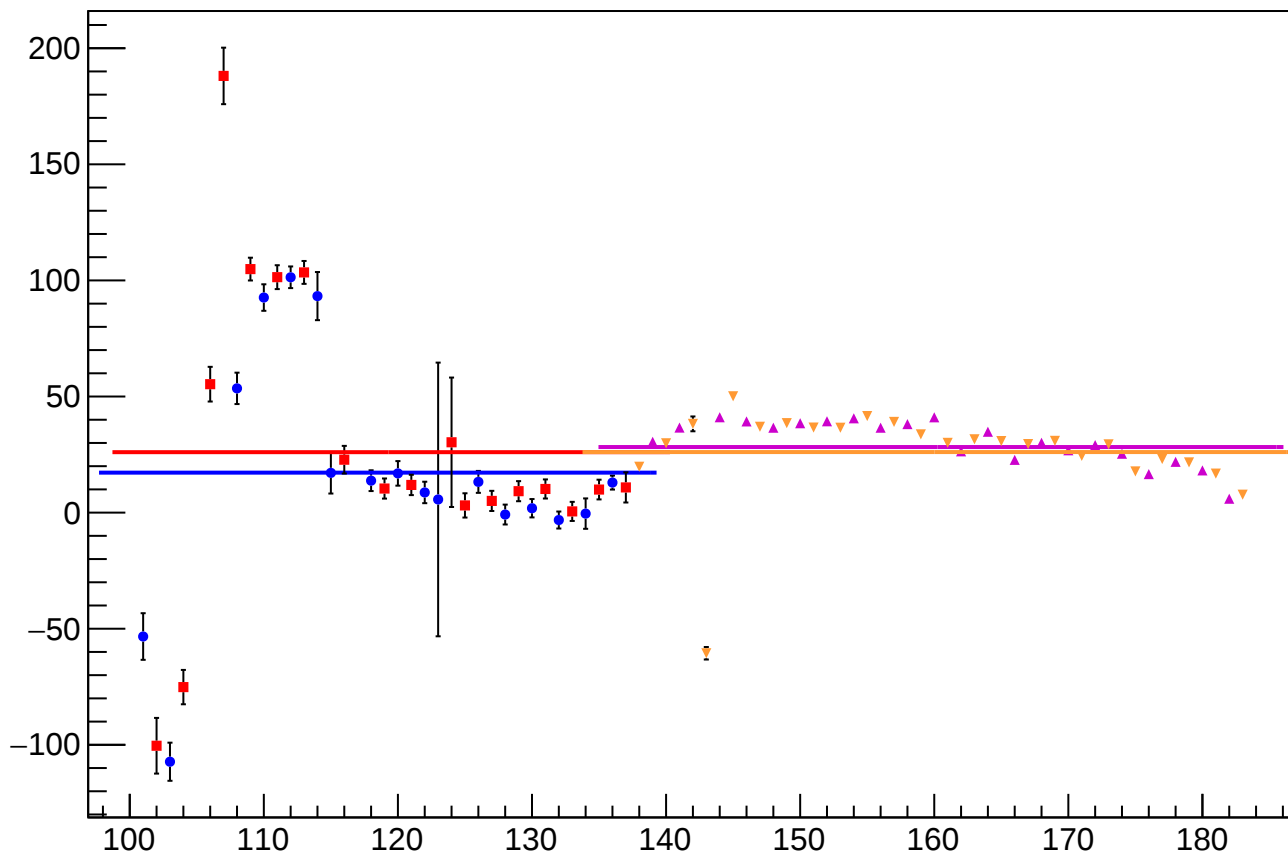
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.524 ± 0.275 χ^2/NDF : 191.8/38

Out: -2.146 ± 0.268 χ^2/NDF : 196.6/41

All: -1.843 ± 0.192 χ^2/NDF : 391.0/80

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: 26.079 ± 0.375 χ^2/NDF : 1698.9/23

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 28.245 ± 0.381 χ^2/NDF : 714.4/21

Left: 27.145 ± 0.267 χ^2/NDF : 2429.7/45

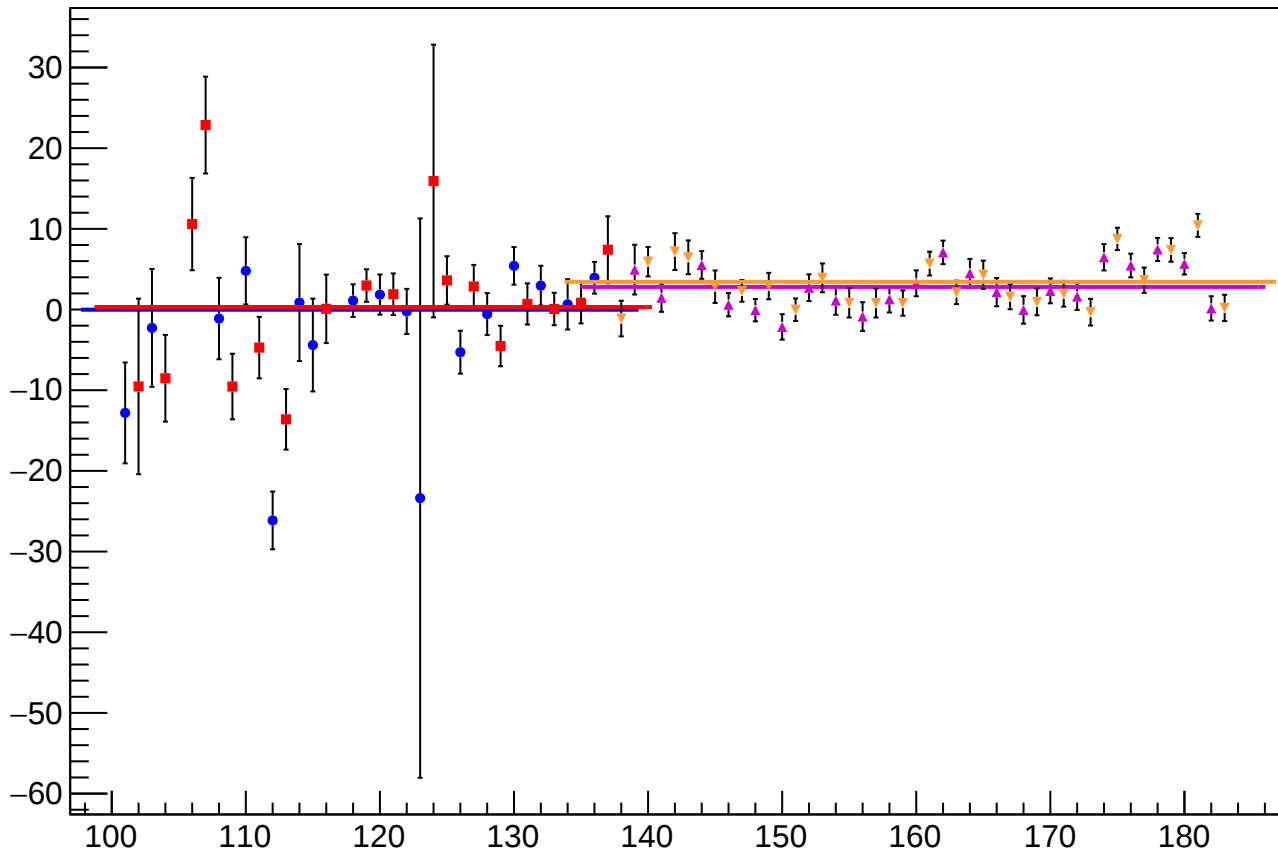
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 27.297 ± 0.364 χ^2/NDF : 1726.7/38

Out: 26.075 ± 0.359 χ^2/NDF : 3064.8/41

All: 26.678 ± 0.255 χ^2/NDF : 4797.2/80

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: 3.434 ± 0.333 χ^2/NDF : 88.1/23

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.810 ± 0.343 χ^2/NDF : 65.9/21

Left: 3.131 ± 0.239 χ^2/NDF : 155.7/45

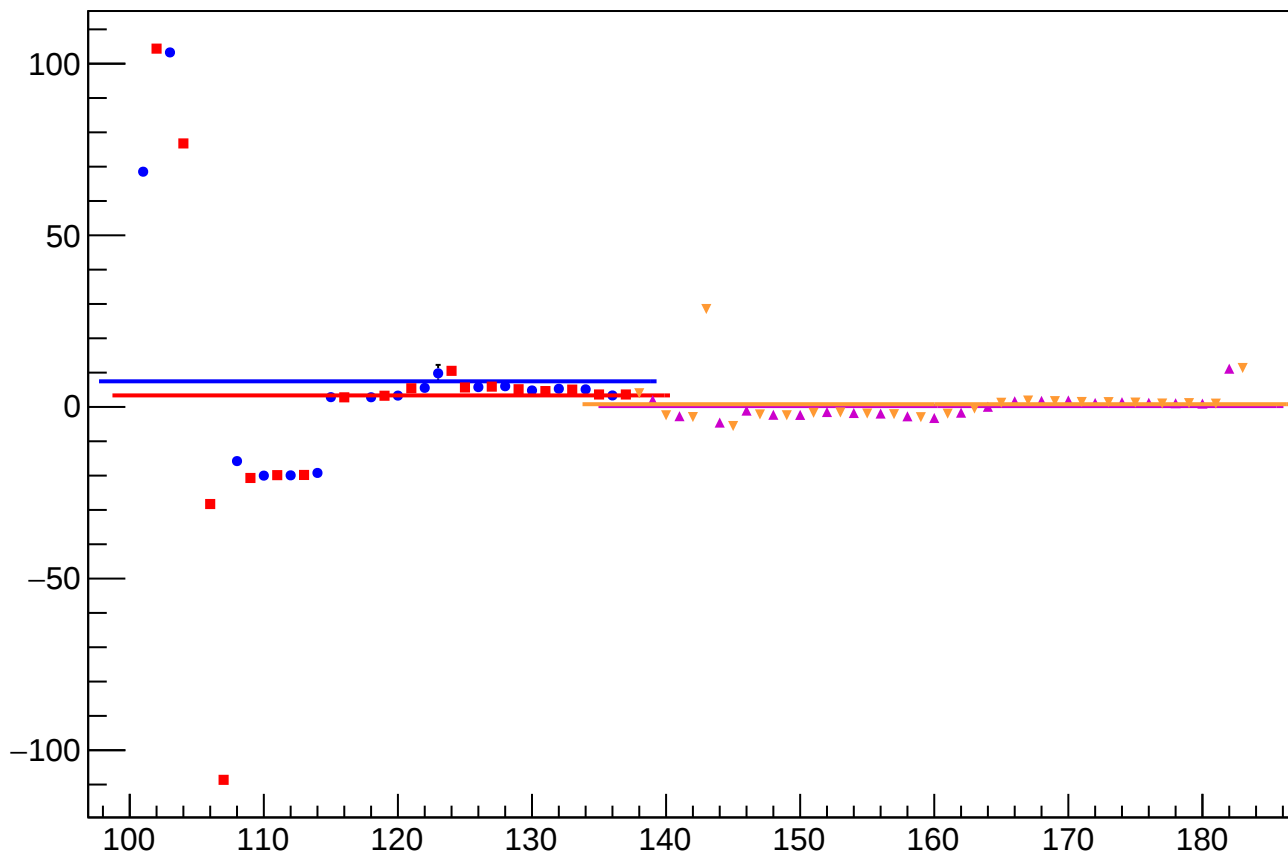
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 2.315 ± 0.312 χ^2/NDF : 153.7/38

Out: 2.918 ± 0.305 χ^2/NDF : 156.7/41

All: 2.623 ± 0.218 χ^2/NDF : 312.3/80

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: 0.801 $\pm$ 0.015 χ^2 /NDF:109761.8/23

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: 0.253 $\pm$ 0.015 χ^2 /NDF:41503.3/21

Left: 0.530 $\pm$ 0.011 χ^2 /NDF: 151897.5/45

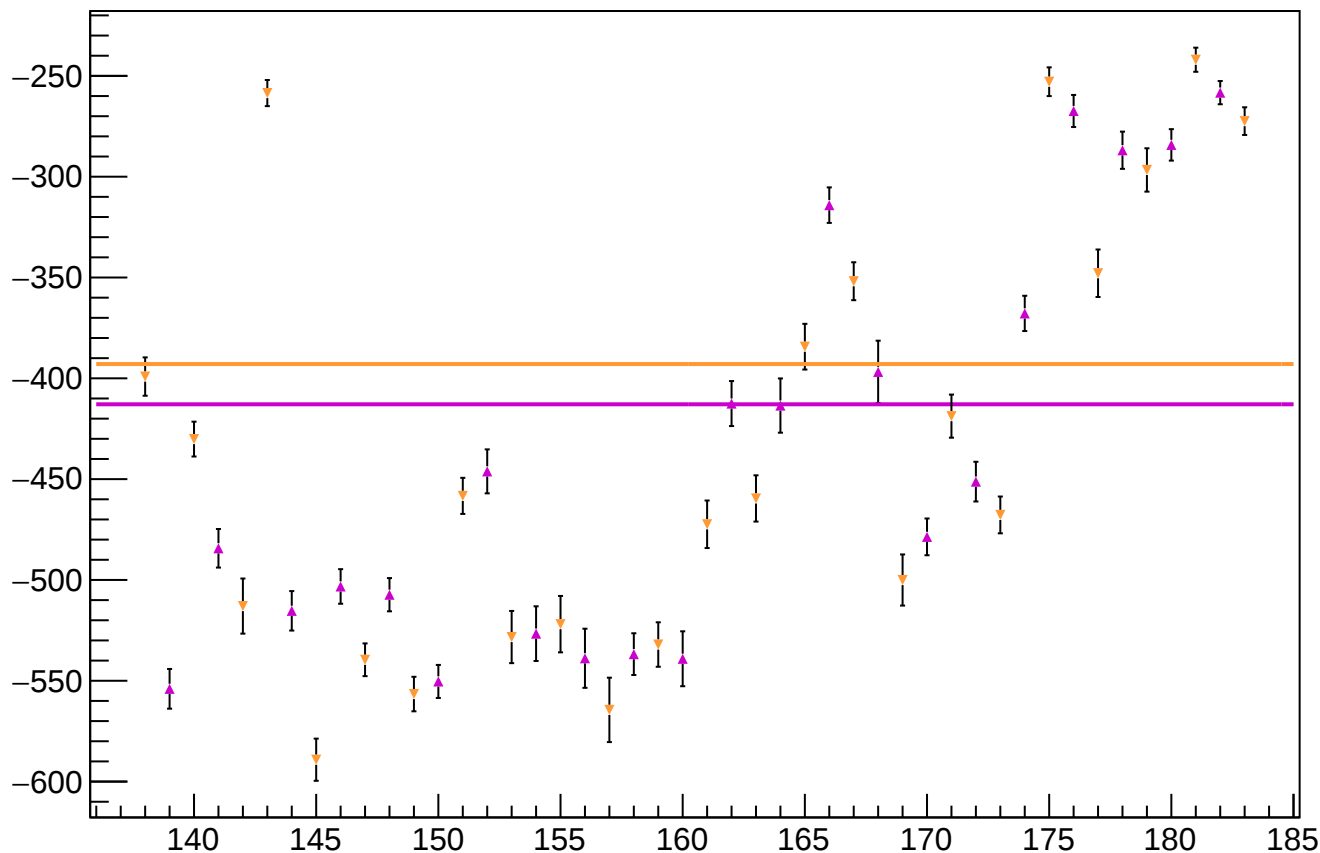
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.034 $\pm$ 0.015 χ^2 /NDF:420862.2/38

Out: 1.061 $\pm$ 0.015 χ^2 /NDF:617407.6/41

All: 1.047 $\pm$ 0.010 χ^2 /NDF: 1038271.6/80

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: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -412.882 ± 2.007 χ^2/NDF : 3009.8/21

Left: -402.429 ± 1.385 χ^2/NDF : 6823.7/45

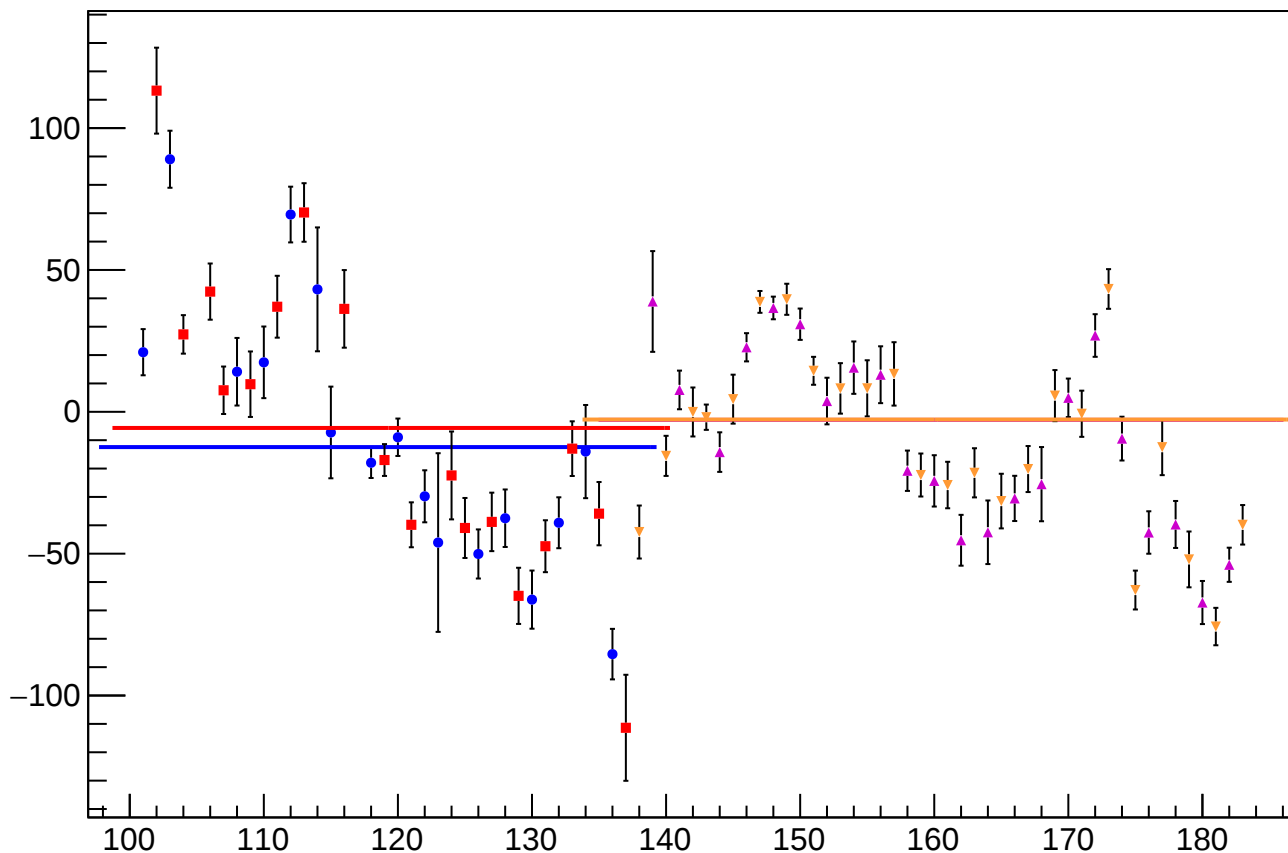
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -412.882 ± 2.007 χ^2/NDF : 3009.8/21

Out: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

All: -402.429 ± 1.385 χ^2/NDF : 6823.7/45

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: -2.724 ± 1.433 χ^2/NDF : 546.2/23

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: -2.844 ± 1.533 χ^2/NDF : 450.6/21

Left: -2.780 ± 1.047 χ^2/NDF : 996.8/45

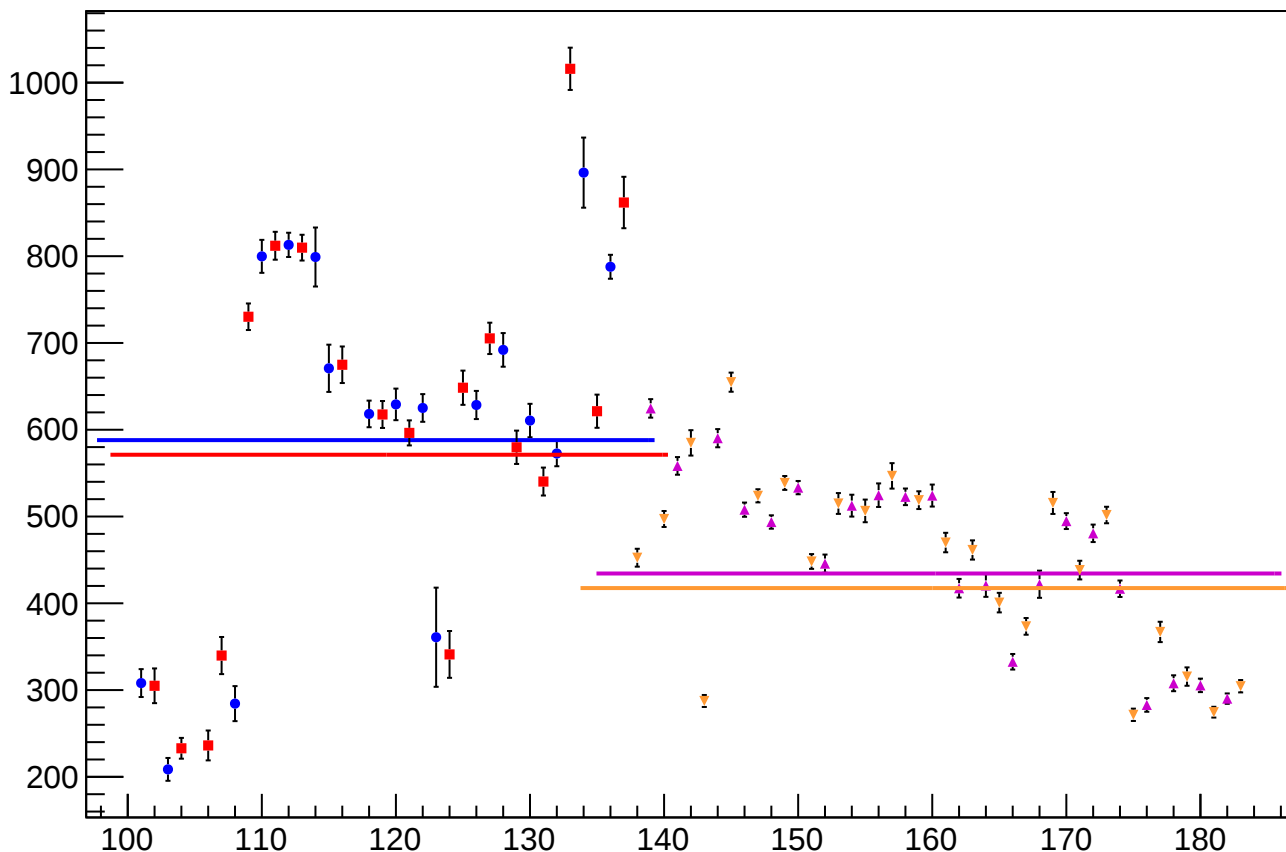
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -5.767 ± 1.278 χ^2/NDF : 802.8/38

Out: -3.572 ± 1.211 χ^2/NDF : 881.1/41

All: -4.610 ± 0.879 χ^2/NDF : 1685.4/80

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: 417.540 $\pm$ 1.921 χ^2 /NDF:3279.1/23

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 434.341 $\pm$ 1.996 χ^2 /NDF:2833.6/21

Left: 425.616 $\pm$ 1.384 χ^2 /NDF: 6149.5/45

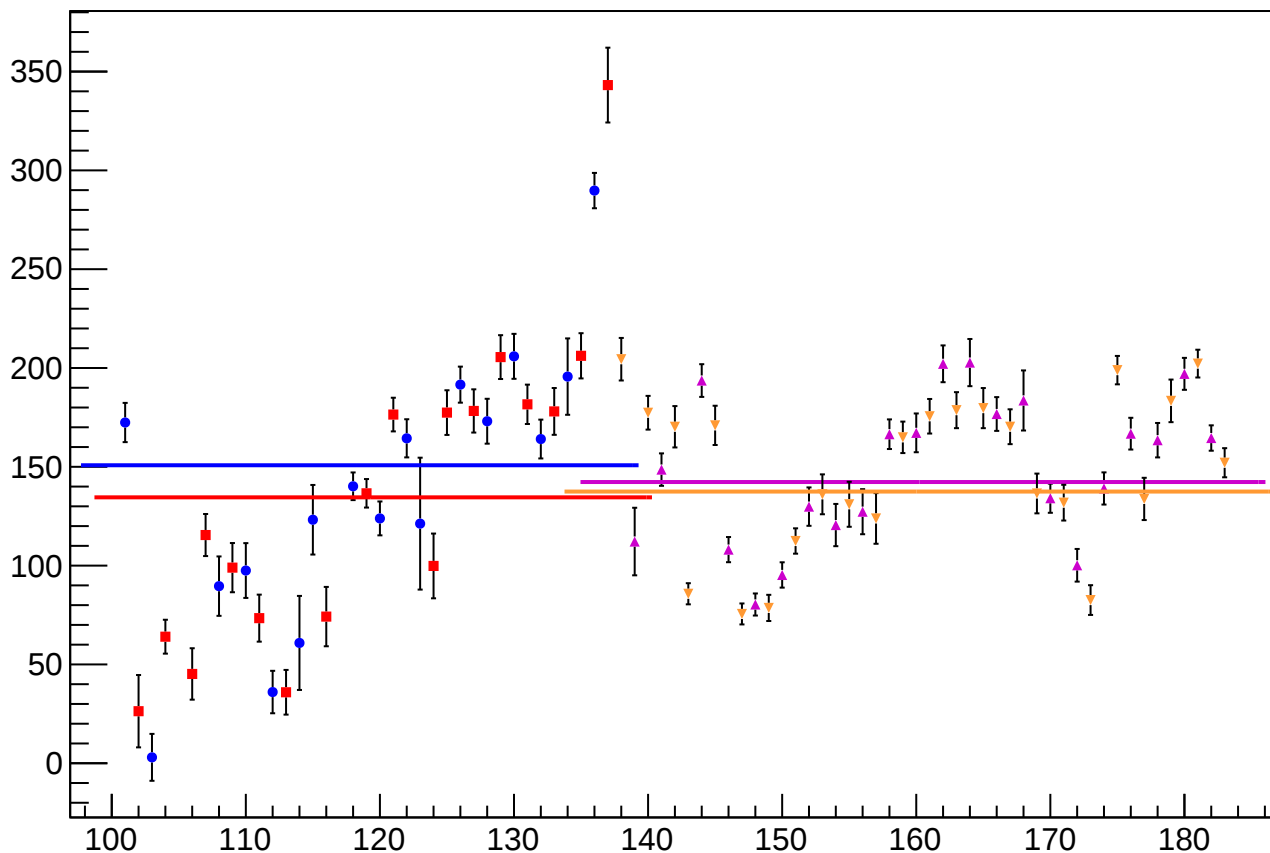
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 461.296 $\pm$ 1.813 χ^2 /NDF:6000.8/38

Out: 444.640 $\pm$ 1.743 χ^2 /NDF:7088.2/41

All: 452.641 $\pm$ 1.257 χ^2 /NDF: 13132.9/80

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: 137.476 $\pm$ 1.663 χ^2 /NDF: 723.4/23

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 142.299 $\pm$ 1.762 χ^2 /NDF: 463.4/21

Left: 139.749 $\pm$ 1.210 χ^2 /NDF: 1190.7/45

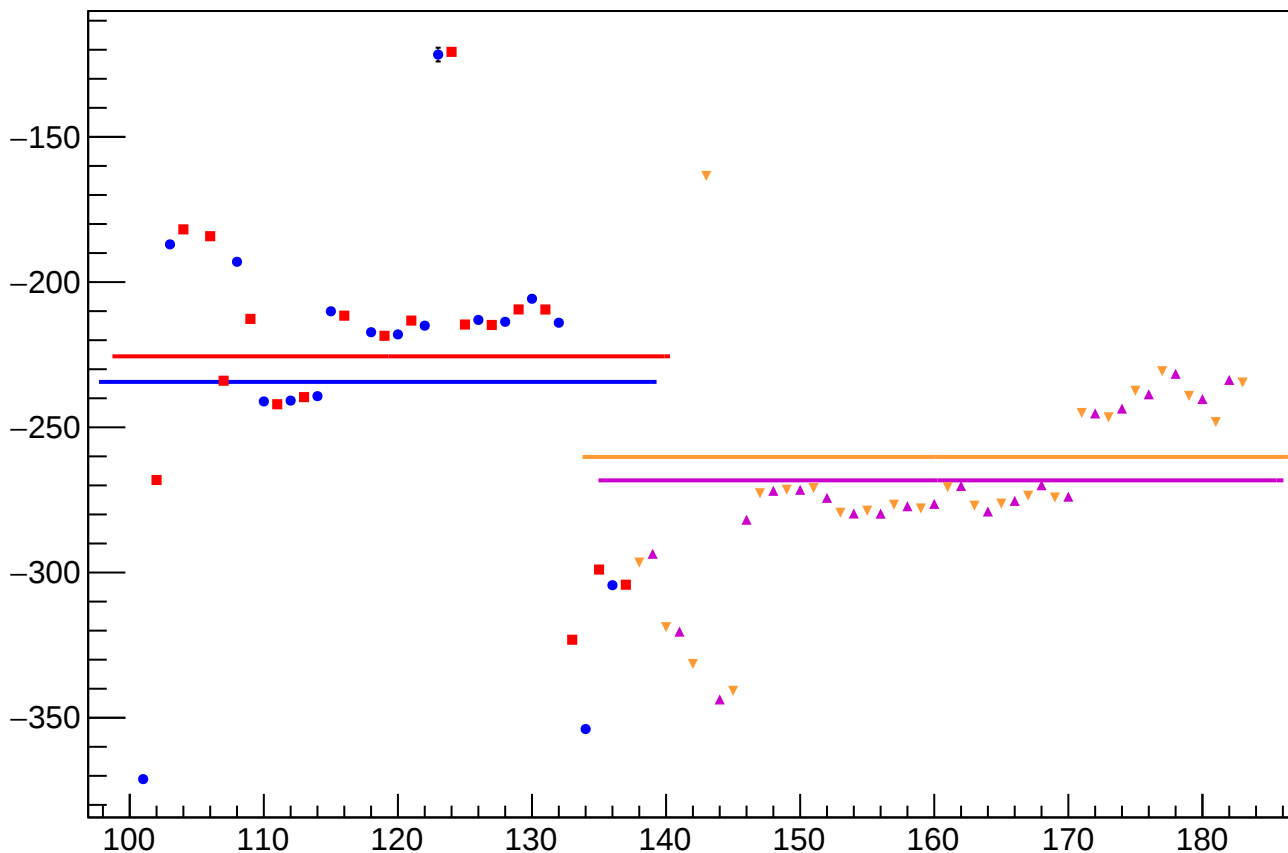
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 144.861 $\pm$ 1.472 χ^2 /NDF: 1103.5/38

Out: 136.635 $\pm$ 1.404 χ^2 /NDF: 1300.5/41

All: 140.553 $\pm$ 1.016 χ^2 /NDF: 2420.4/80

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: -260.198+/-0.080 χ^2/NDF :235534.6/23

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -268.258+/-0.083 χ^2/NDF :95224.5/21

Left: -264.103+/-0.057 χ^2/NDF : 335677.7/45

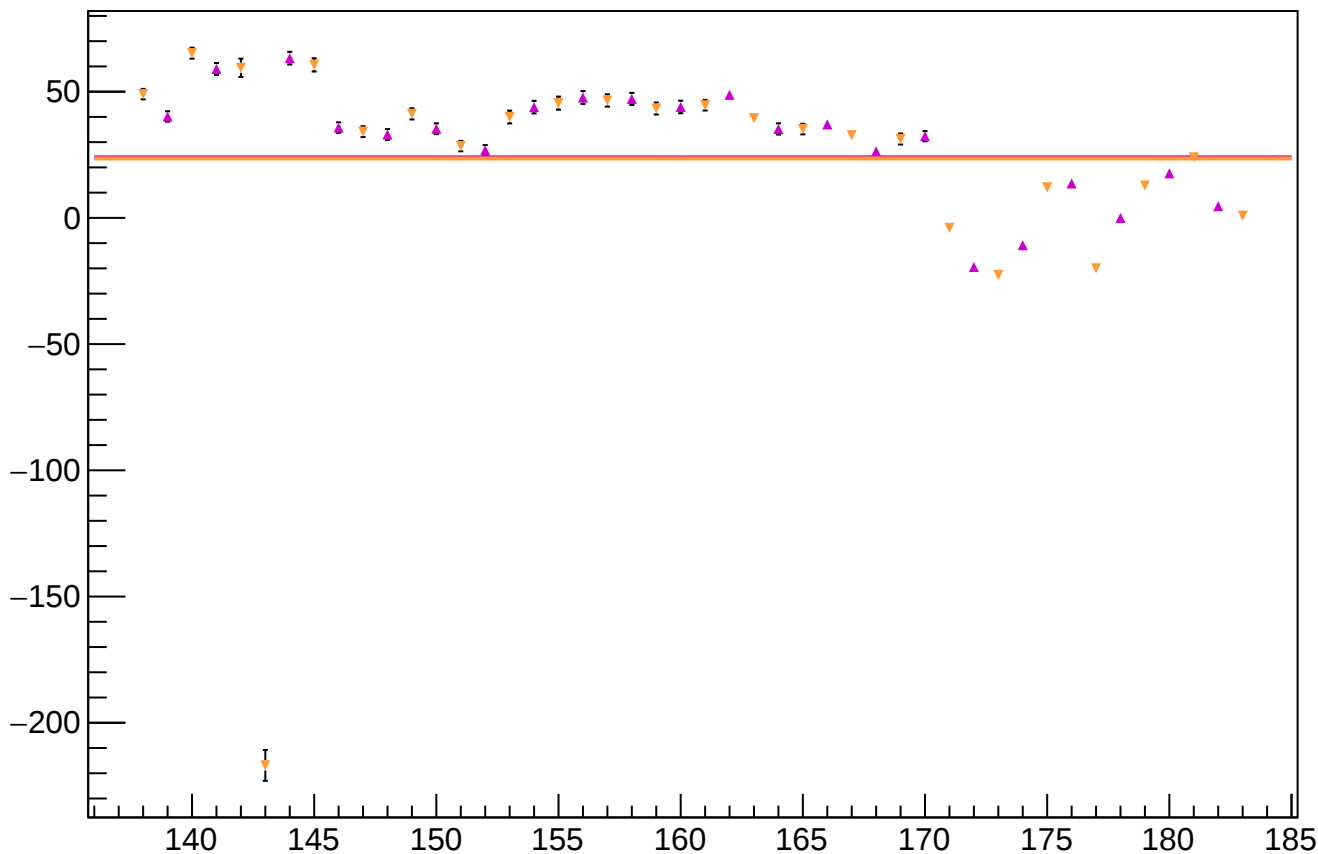
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -260.258+/-0.072 χ^2/NDF :280205.7/38

Out: -251.848+/-0.070 χ^2/NDF :373691.2/41

All: -255.908+/-0.050 χ^2/NDF : 660928.7/80

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 23.539 $\pm$ 0.402 χ^2 /NDF:4620.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Left: 23.756 $\pm$ 0.286 χ^2 /NDF: 7246.1/45

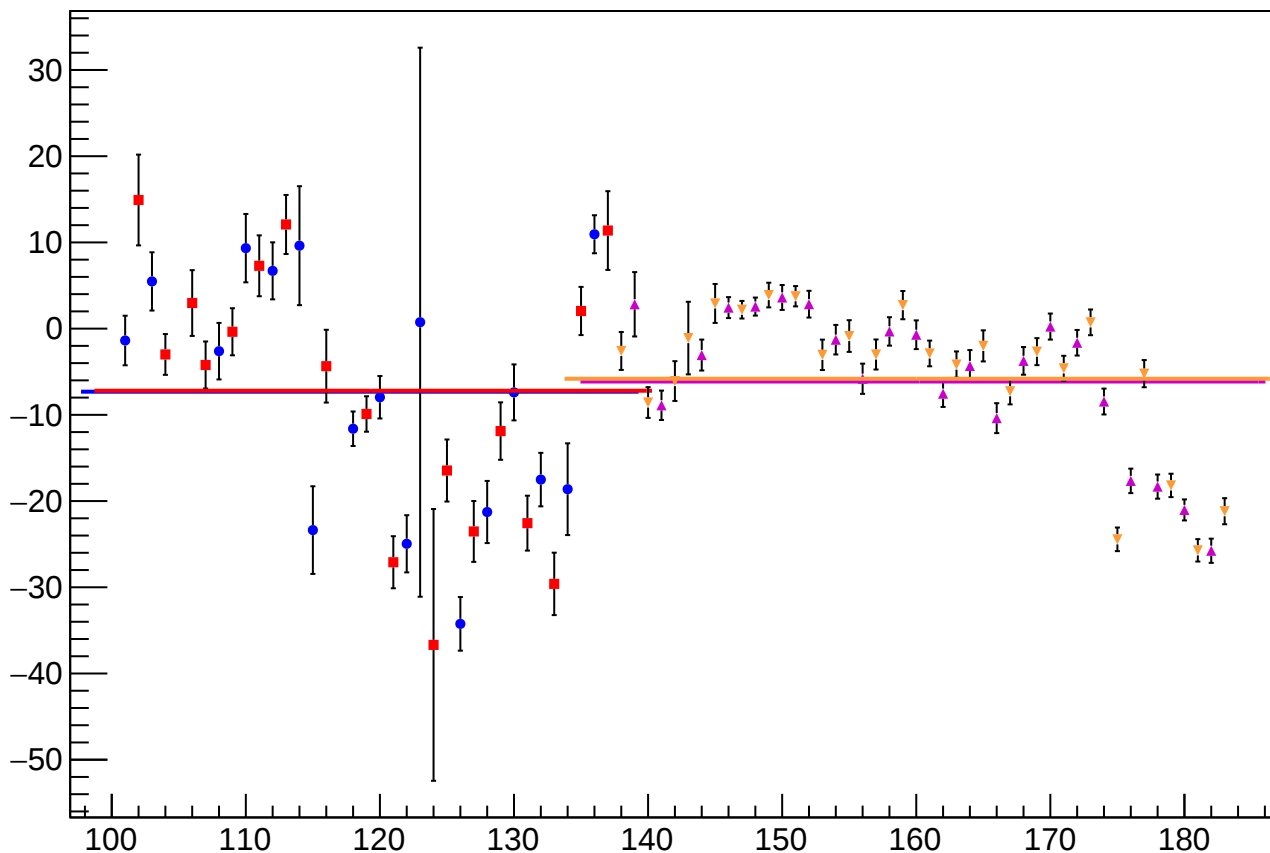
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Out: 23.539 $\pm$ 0.402 χ^2 /NDF:4620.7/23

All: 23.756 $\pm$ 0.286 χ^2 /NDF: 7246.1/45

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: -5.813 ± 0.318 χ^2/NDF : 874.6/23

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.135 ± 0.323 χ^2/NDF : 766.3/21

Left: -5.971 ± 0.227 χ^2/NDF : 1641.4/45

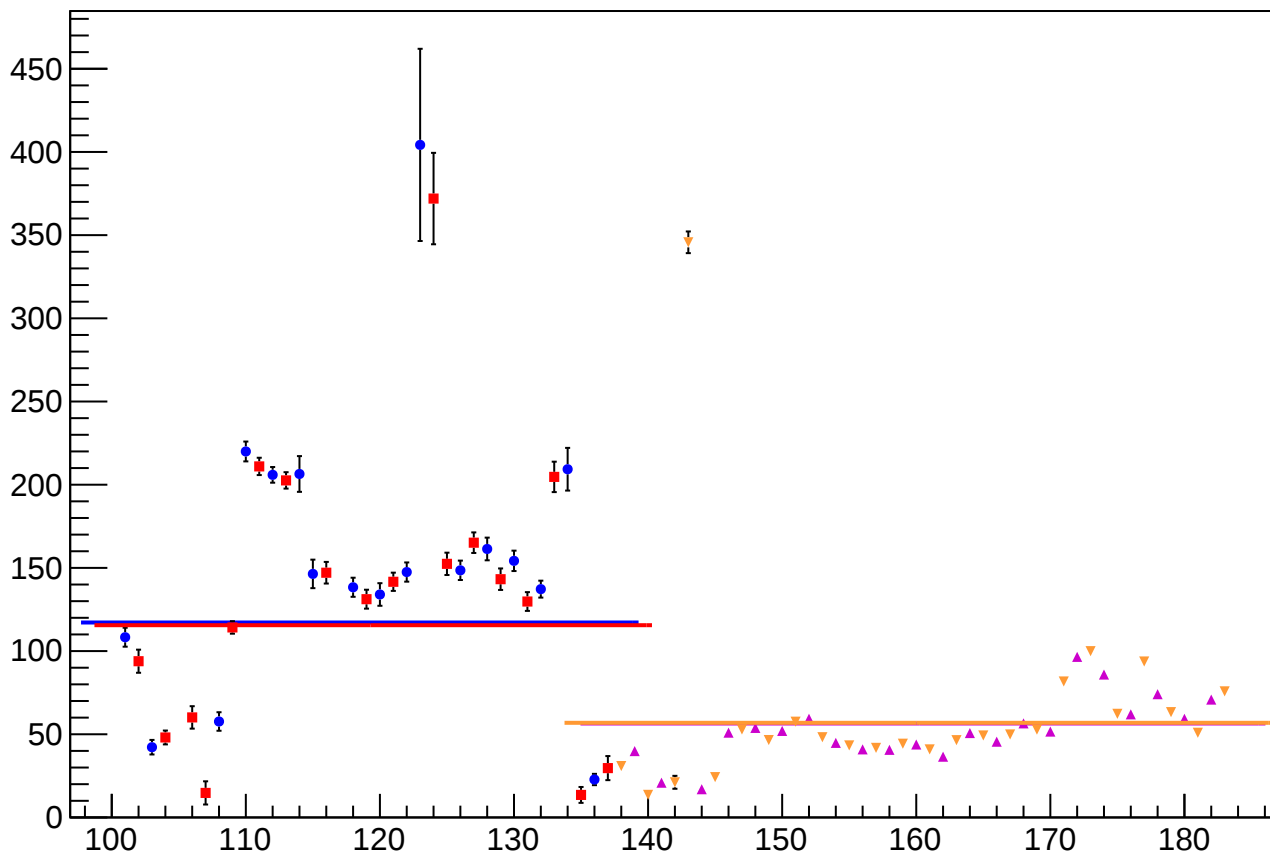
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.308 ± 0.299 χ^2/NDF : 1047.3/38

Out: -6.019 ± 0.293 χ^2/NDF : 1129.5/41

All: -6.161 ± 0.209 χ^2/NDF : 2177.3/80

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: 56.889+/-0.401 χ^2/NDF :4166.5/23

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 56.472+/-0.403 χ^2/NDF :1725.9/21

Left: 56.682+/-0.284 χ^2/NDF : 5892.9/45

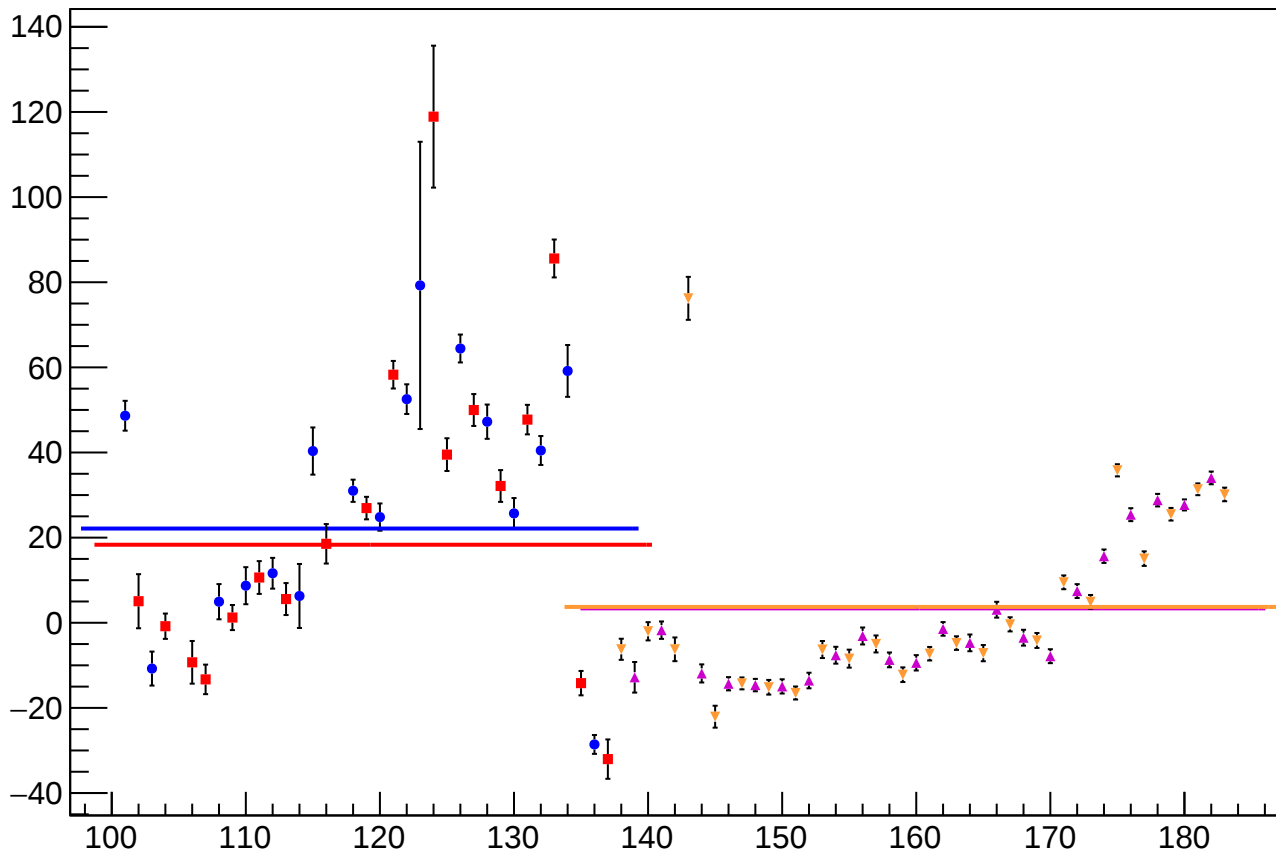
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 61.055+/-0.388 χ^2/NDF :5595.8/38

Out: 61.563+/-0.385 χ^2/NDF :8020.3/41

All: 61.311+/-0.273 χ^2/NDF : 13617.0/80

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: 3.722+/-0.359 χ^2/NDF :2540.8/23

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: 3.382+/-0.364 χ^2/NDF :2136.3/21

Left: 3.554+/-0.256 χ^2/NDF : 4677.6/45

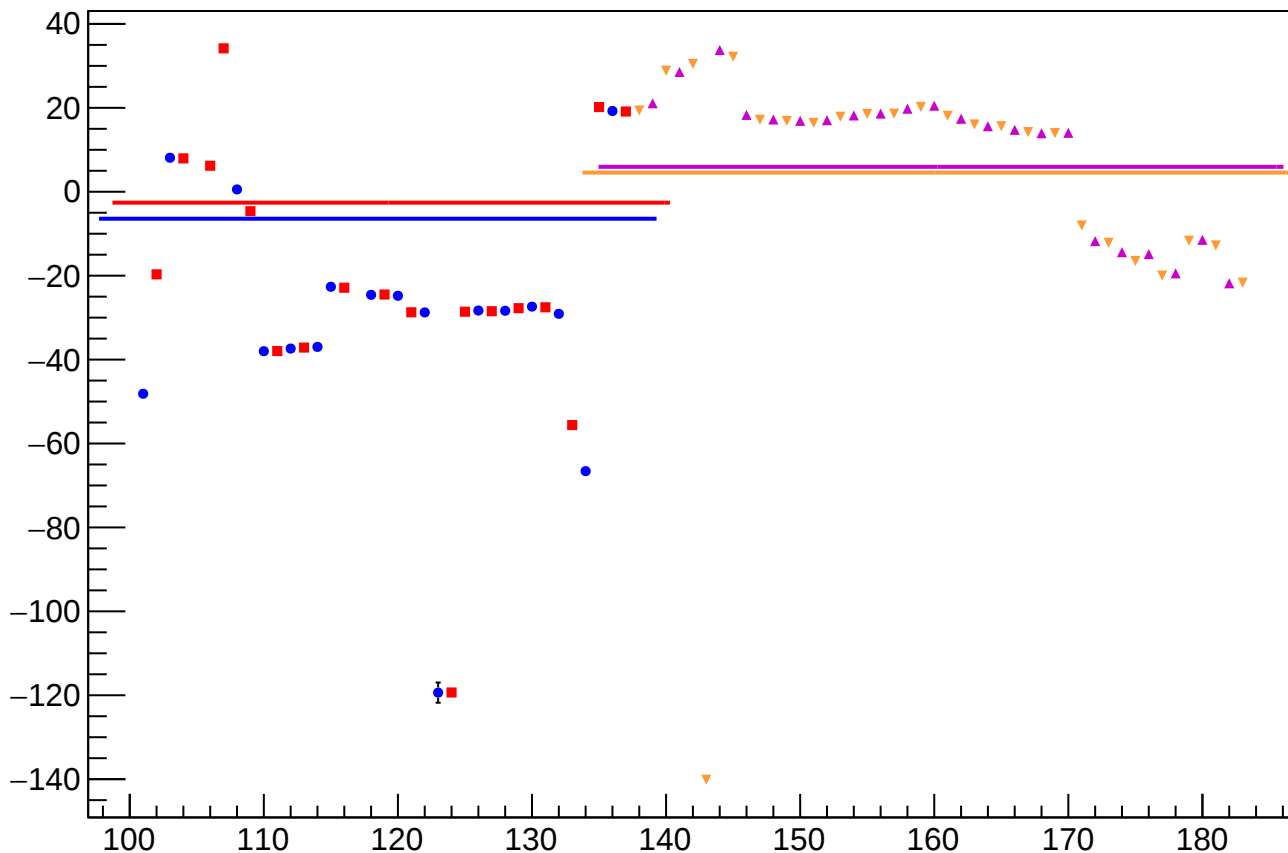
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: 6.070+/-0.337 χ^2/NDF :3579.8/38

Out: 5.844+/-0.332 χ^2/NDF :3851.1/41

All: 5.955+/-0.237 χ^2/NDF : 7431.1/80

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 4.568 ± 0.017 χ^2/NDF : 1334748.6/23

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 5.940 ± 0.017 χ^2/NDF : 1024474.3/21

Left: 5.254 ± 0.012 χ^2/NDF : 2362665.7/45

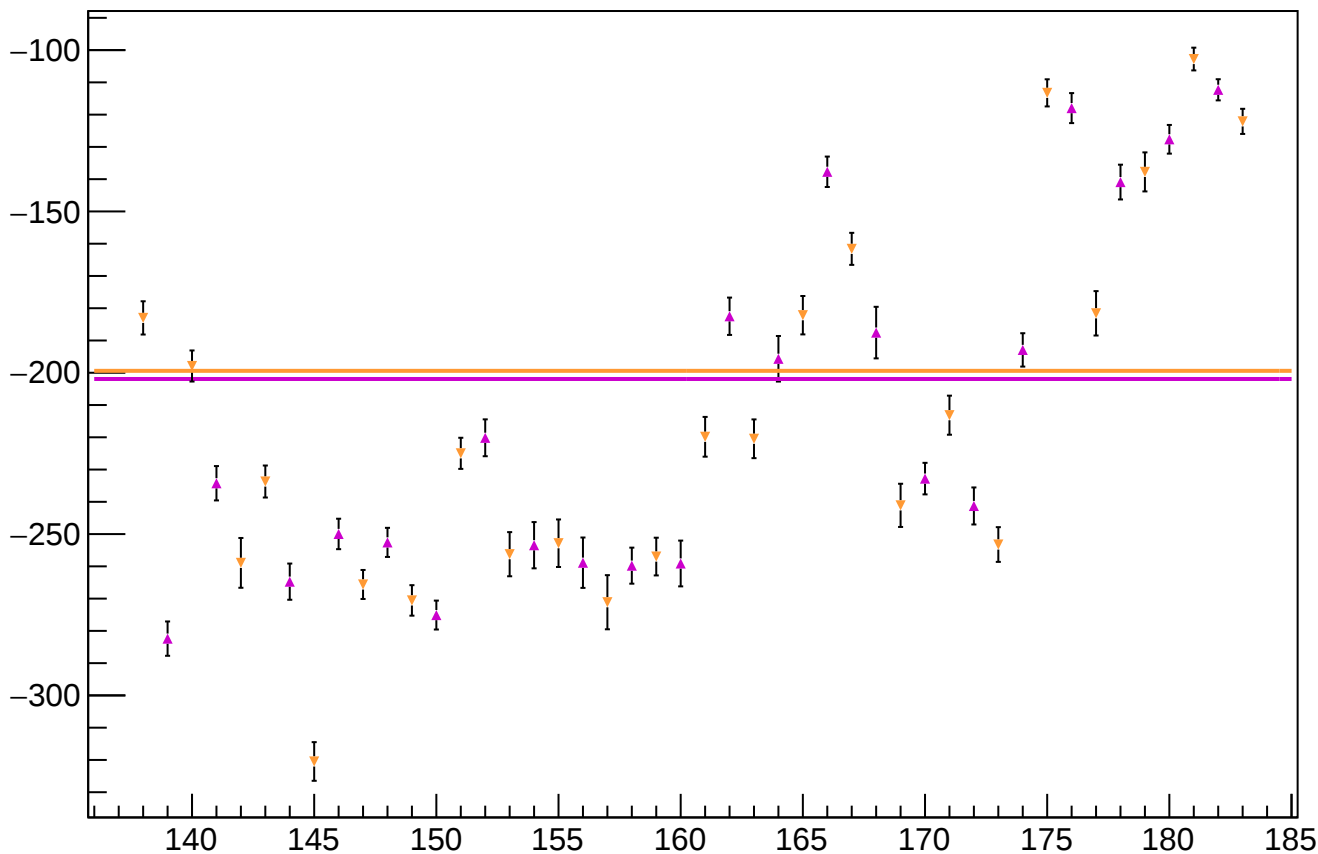
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 4.535 ± 0.016 χ^2/NDF : 1353136.3/38

Out: 3.740 ± 0.016 χ^2/NDF : 1619999.2/41

All: 4.137 ± 0.011 χ^2/NDF : 2974440.7/80

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.404+/-1.088 χ^2/NDF :3199.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Left: -200.639+/-0.777 χ^2/NDF : 6148.6/45

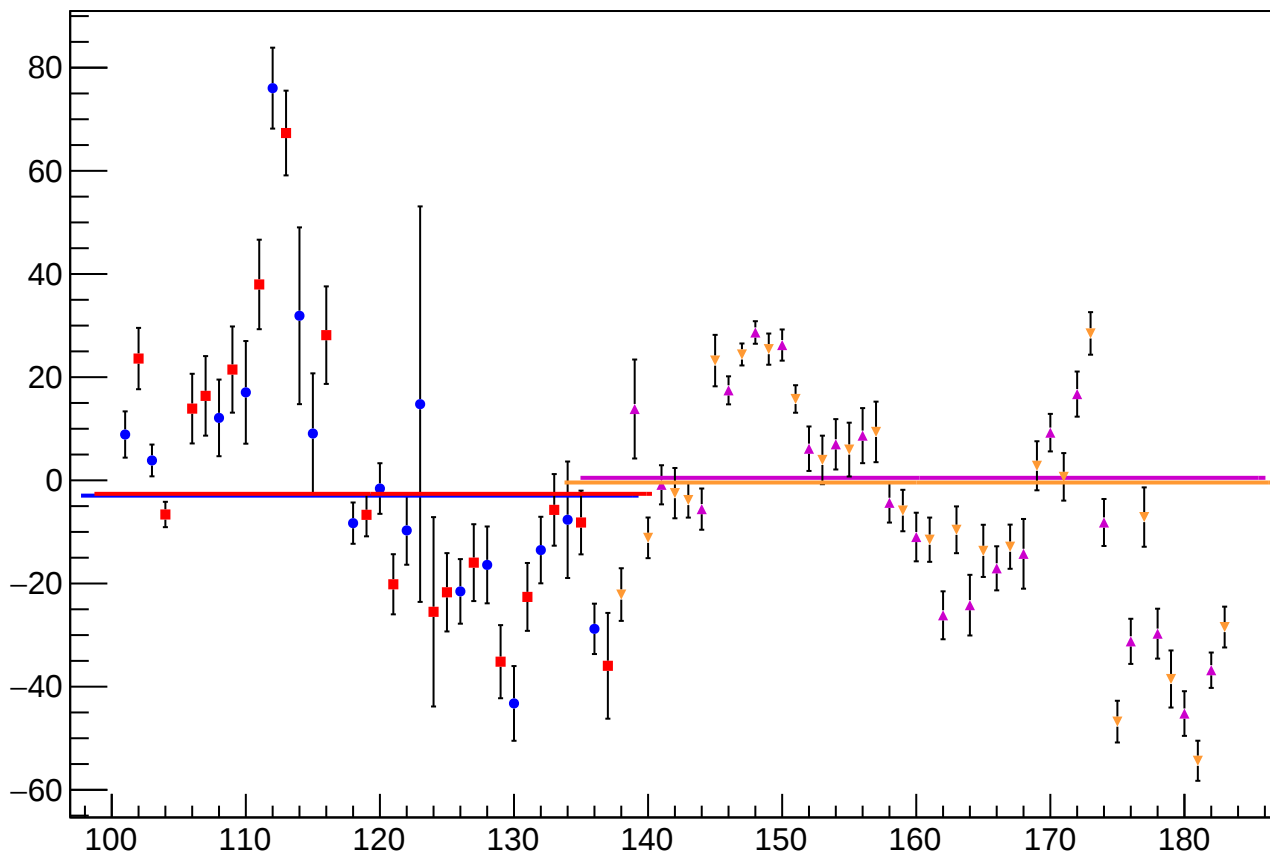
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Out: -199.404+/-1.088 χ^2/NDF :3199.8/23

All: -200.639+/-0.777 χ^2/NDF : 6148.6/45

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: -0.419 ± 0.812 χ^2/NDF : 800.6/23

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 0.487 ± 0.845 χ^2/NDF : 711.7/21

Left: 0.016 ± 0.585 χ^2/NDF : 1512.9/45

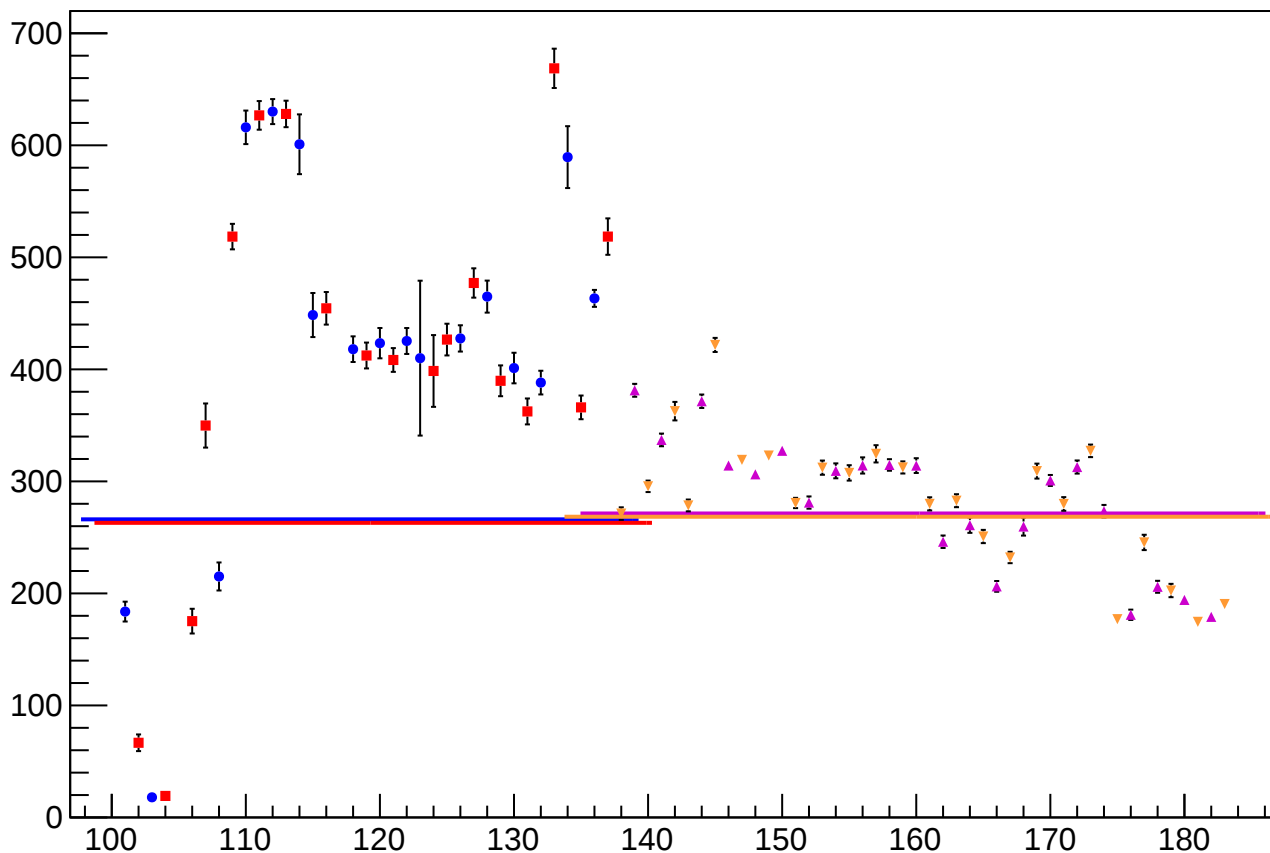
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: -0.385 ± 0.730 χ^2/NDF : 919.5/38

Out: -0.973 ± 0.703 χ^2/NDF : 1013.0/41

All: -0.690 ± 0.506 χ^2/NDF : 1932.8/80

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 268.444+/-1.087 χ^2/NDF : 3117.3/23

Right Out: 263.003+/-2.467 χ^2/NDF : 8172.0/17

Left In: 271.344+/-1.104 χ^2/NDF : 3168.7/21

Left: 269.871+/-0.774 χ^2/NDF : 6289.5/45

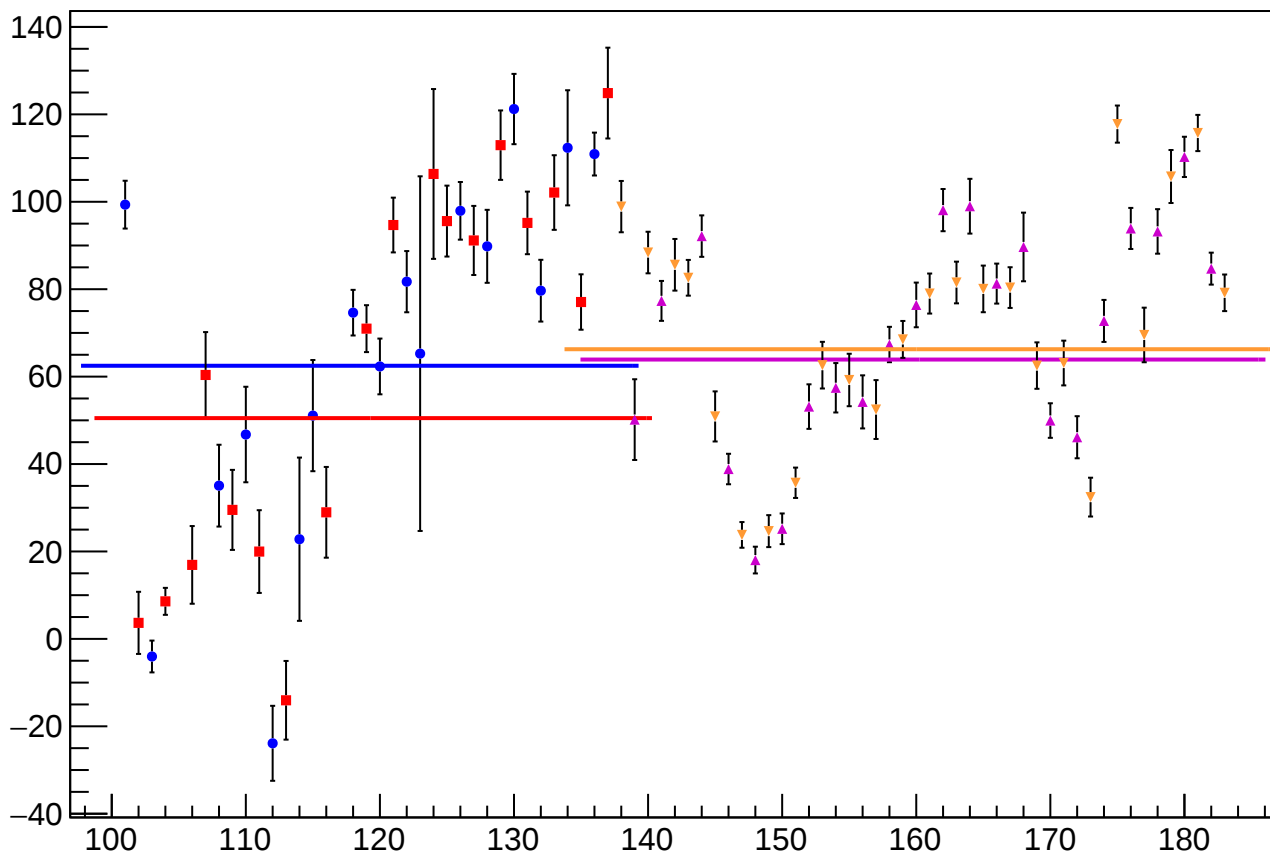
Right: 264.548+/-1.749 χ^2/NDF : 15816.8/34

In: 270.479+/-1.008 χ^2/NDF : 10816.4/38

Out: 267.560+/-0.994 χ^2/NDF : 11293.4/41

All: 268.999+/-0.708 χ^2/NDF : 22114.1/80

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: 66.268 $\pm$ 0.942 χ^2 /NDF:943.6/23

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 63.907 $\pm$ 0.972 χ^2 /NDF:803.3/21

Left: 65.124 $\pm$ 0.676 χ^2 /NDF: 1750.0/45

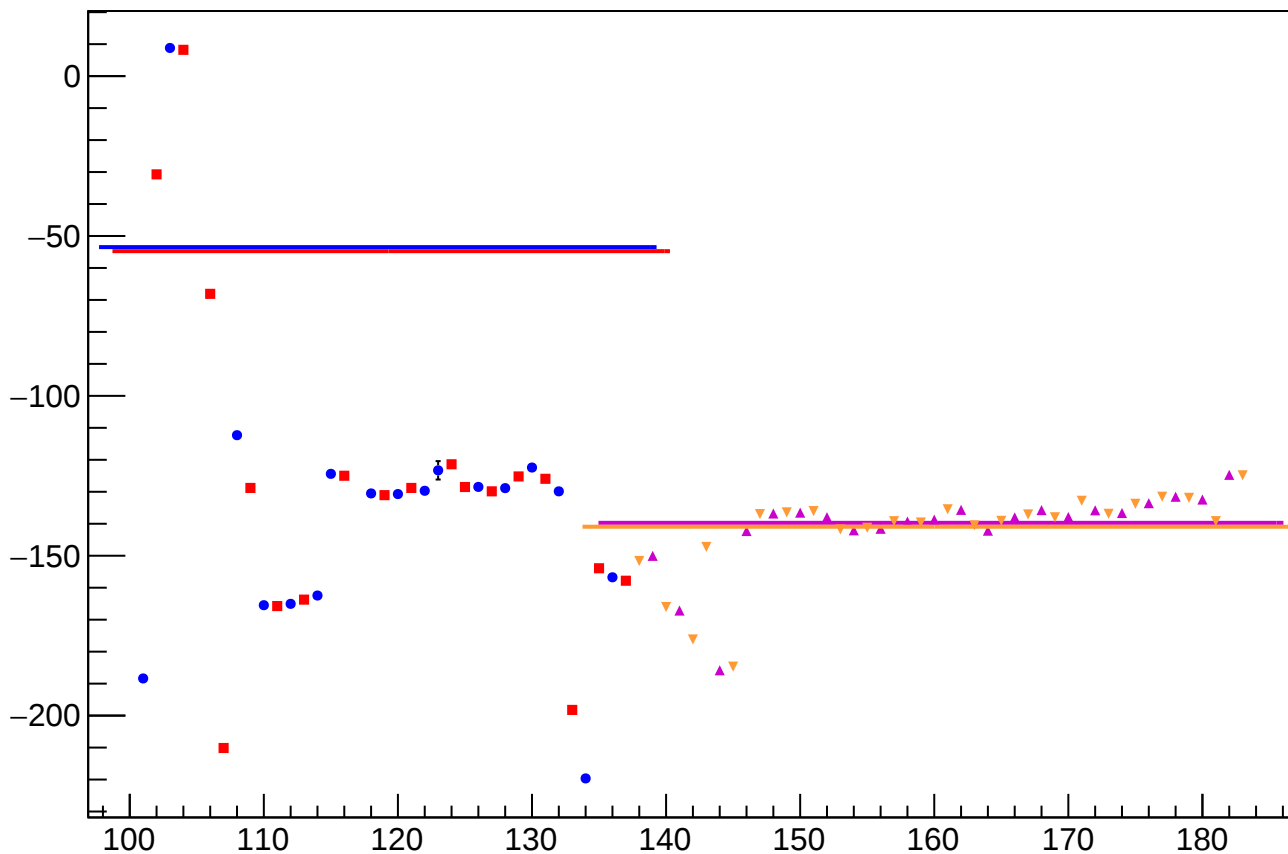
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 63.551 $\pm$ 0.841 χ^2 /NDF:1524.6/38

Out: 62.375 $\pm$ 0.817 χ^2 /NDF:1663.4/41

All: 62.946 $\pm$ 0.586 χ^2 /NDF: 3189.0/80

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -140.930 $\pm$ 0.045 χ^2 /NDF: 73823.5/23

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -139.710 $\pm$ 0.045 χ^2 /NDF: 61151.8/21

Left: -140.325 $\pm$ 0.032 χ^2 /NDF: 135339.1/45

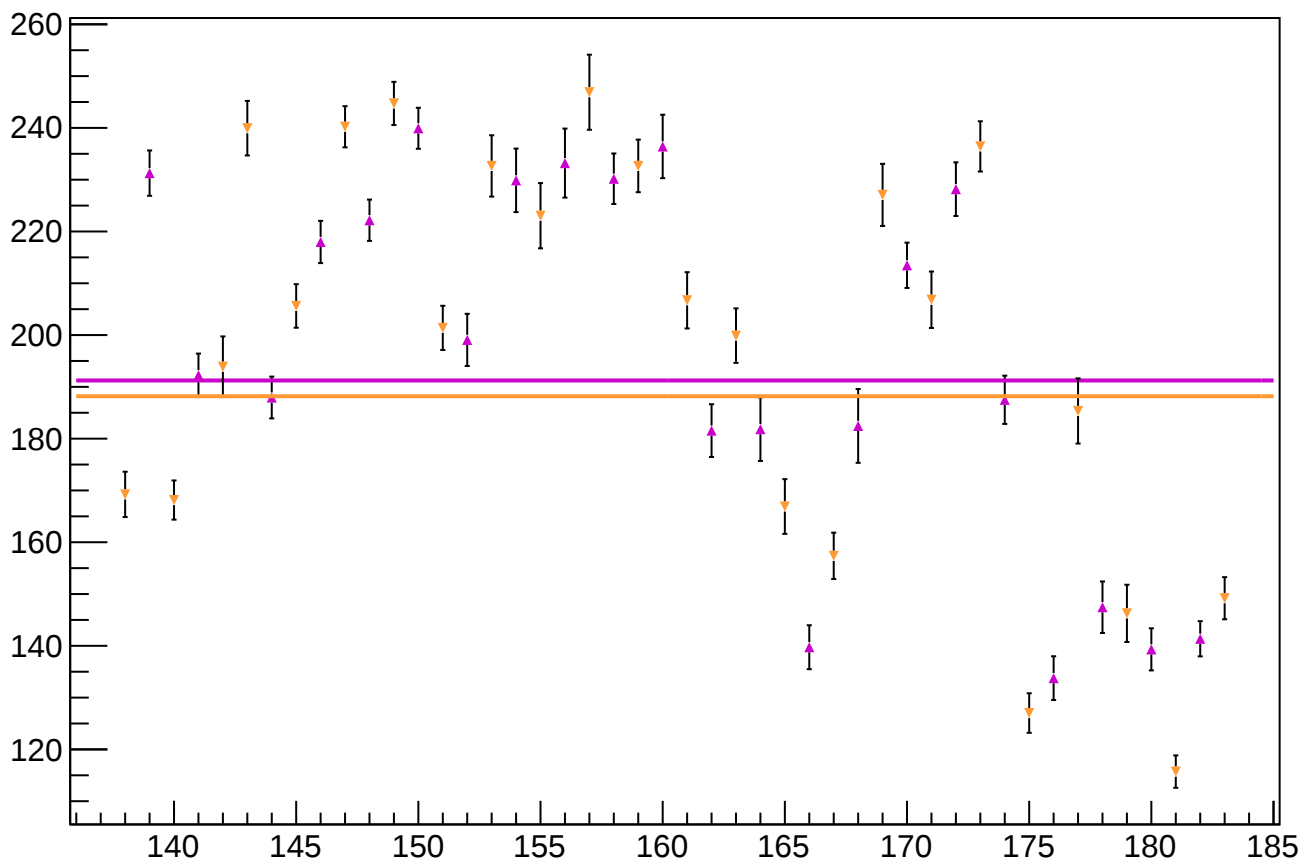
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -114.313 $\pm$ 0.038 χ^2 /NDF: 2350984.1/38

Out: -116.740 $\pm$ 0.038 χ^2 /NDF: 2053080.7/41

All: -115.524 $\pm$ 0.027 χ^2 /NDF: 4406084.4/80

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: 188.189+/-0.962 χ^2/NDF :1930.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 191.235+/-0.983 χ^2/NDF :1411.9/21

Left: 189.679+/-0.688 χ^2/NDF : 3347.7/45

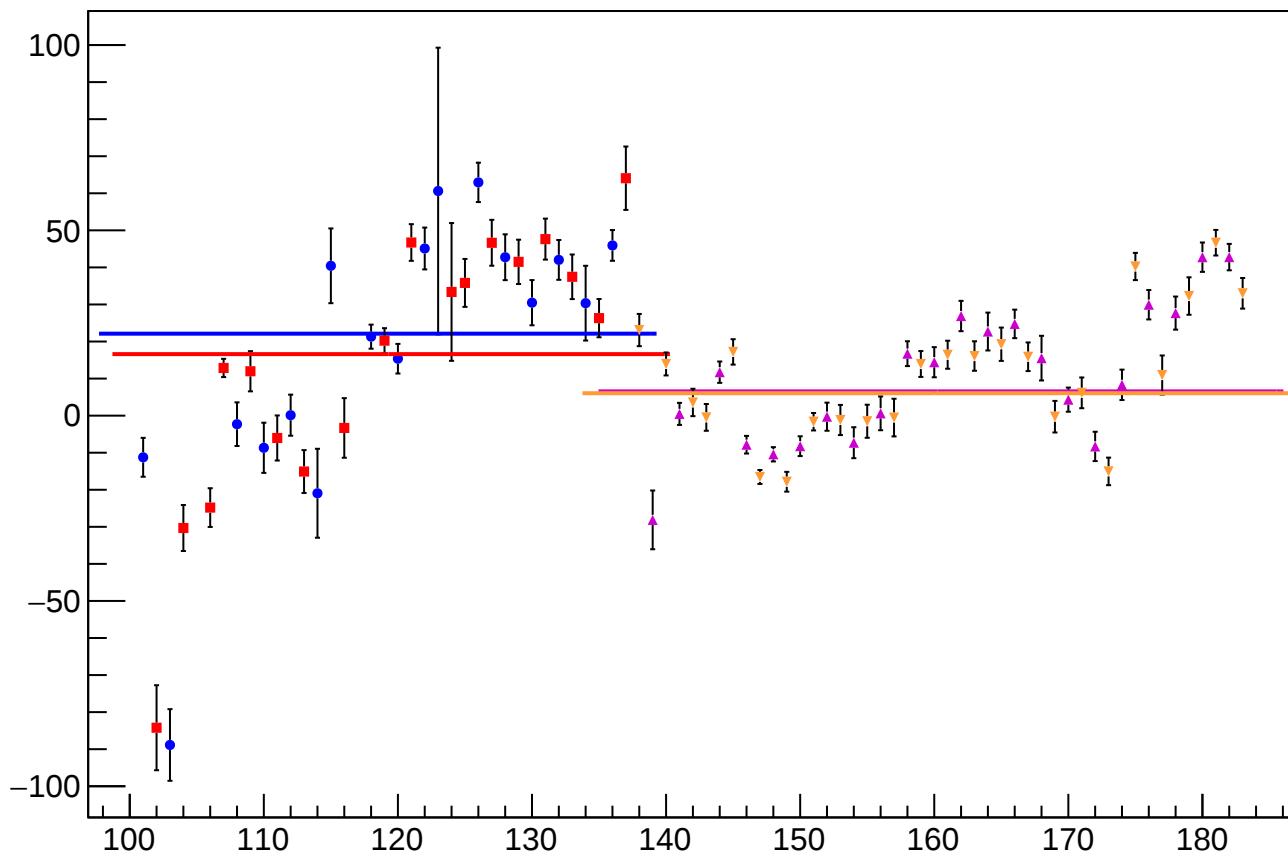
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 191.235+/-0.983 χ^2/NDF :1411.9/21

Out: 188.189+/-0.962 χ^2/NDF :1930.9/23

All: 189.679+/-0.688 χ^2/NDF : 3347.7/45

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: 6.050+/-0.716 χ^2 /NDF: 642.3/23

Right Out: 16.602+/-1.229 χ^2 /NDF: 416.8/17

Left In: 6.548+/-0.740 χ^2 /NDF: 518.0/21

Left: 6.290+/-0.515 χ^2 /NDF: 1160.6/45

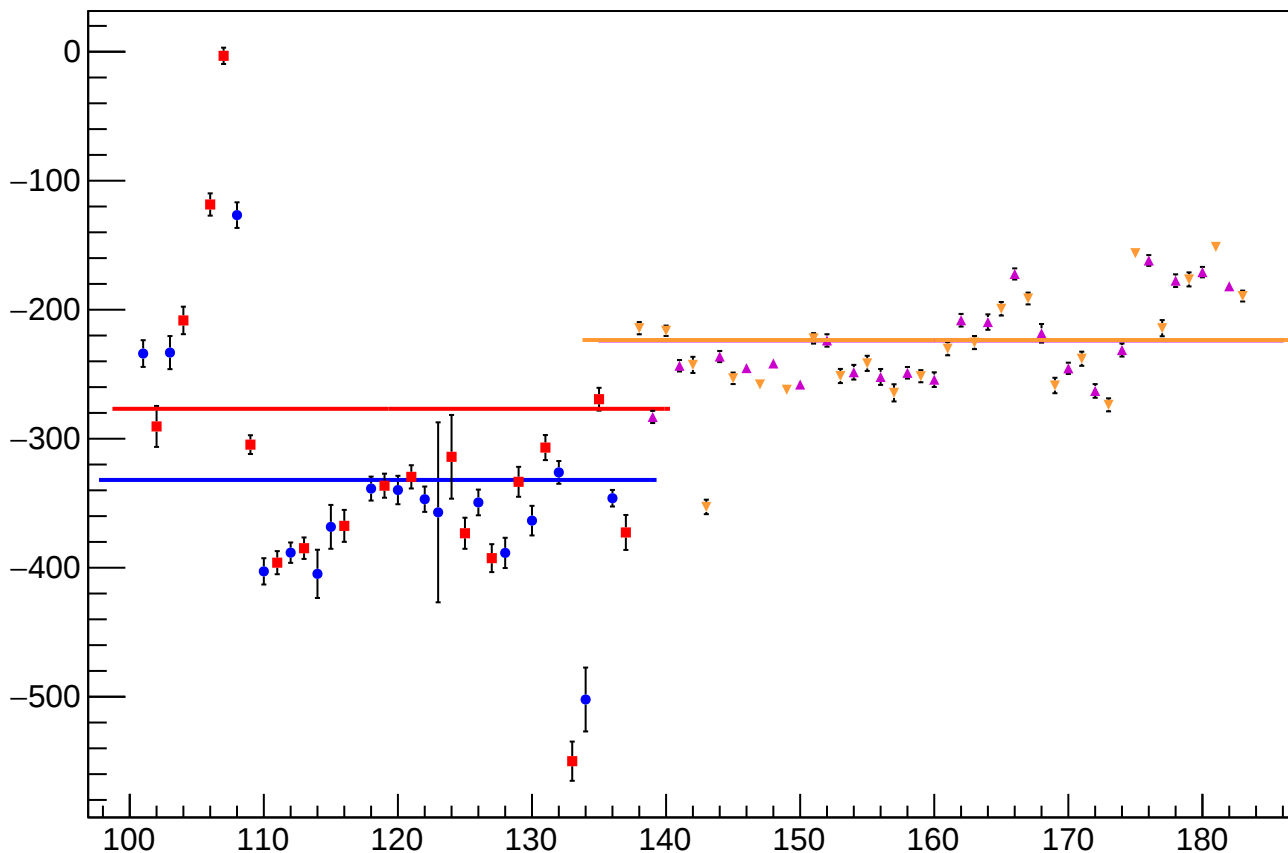
Right: 19.049+/-0.917 χ^2 /NDF: 807.7/34

In: 10.040+/-0.652 χ^2 /NDF: 999.2/38

Out: 8.722+/-0.619 χ^2 /NDF: 1114.2/41

All: 9.347+/-0.449 χ^2 /NDF: 2115.6/80

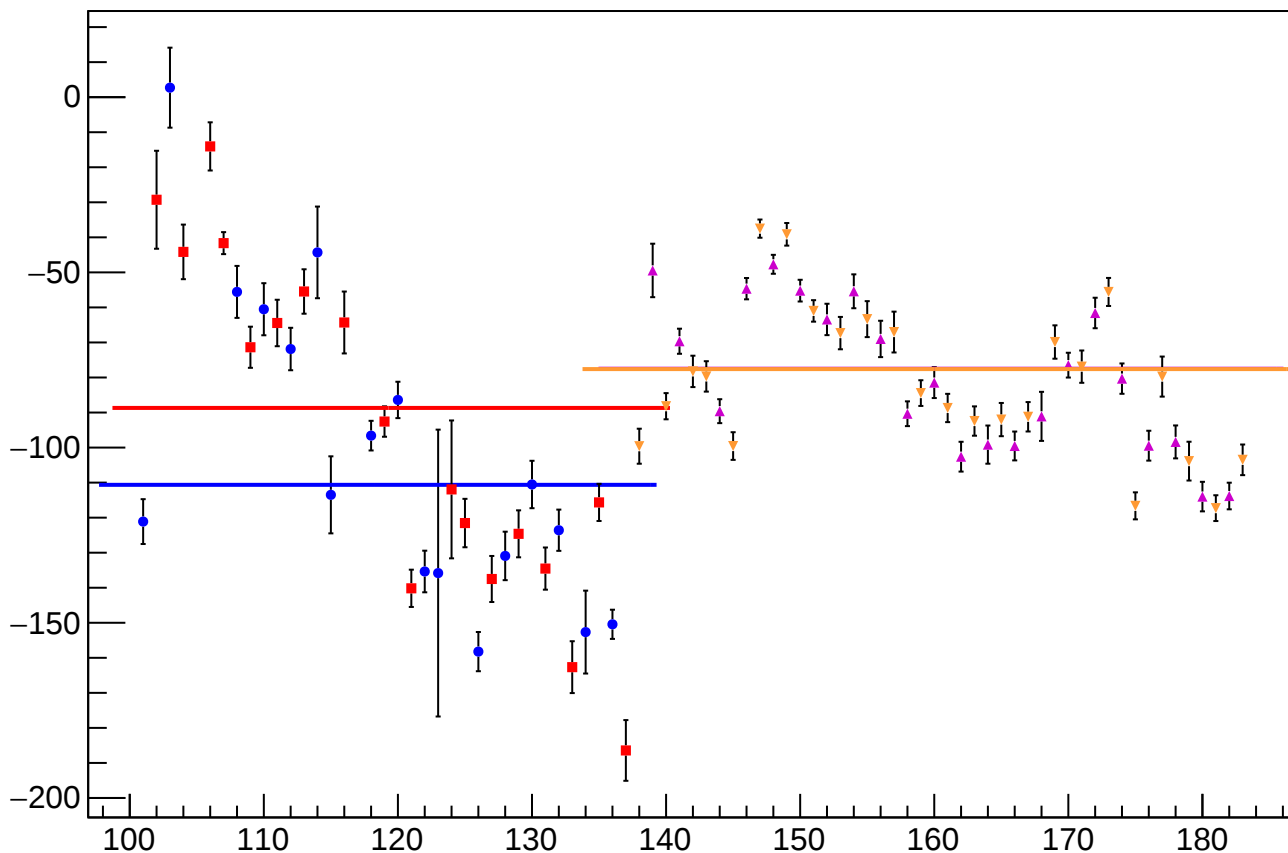
reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$
 Left Out: -223.485 ± 0.962 $\chi^2/\text{NDF}: 2042.7/23$
 Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$
 Left In: -223.826 ± 0.977 $\chi^2/\text{NDF}: 1283.0/21$

Left: -223.653 ± 0.685 $\chi^2/\text{NDF}: 3325.7/45$
 Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$
 In: -237.492 ± 0.913 $\chi^2/\text{NDF}: 3618.2/38$
 Out: -231.250 ± 0.889 $\chi^2/\text{NDF}: 5820.7/41$
 All: -234.288 ± 0.637 $\chi^2/\text{NDF}: 9462.9/80$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 $\pm$ 1.581 χ^2 /NDF: 508.9/16

Left Out: -77.600 $\pm$ 0.831 χ^2 /NDF:836.8/23

Right Out: -88.683 $\pm$ 1.434 χ^2 /NDF: 964.0/17

Left In: -77.490 $\pm$ 0.854 χ^2 /NDF:617.7/21

Left: -77.547 $\pm$ 0.596 χ^2 /NDF: 1454.5/45

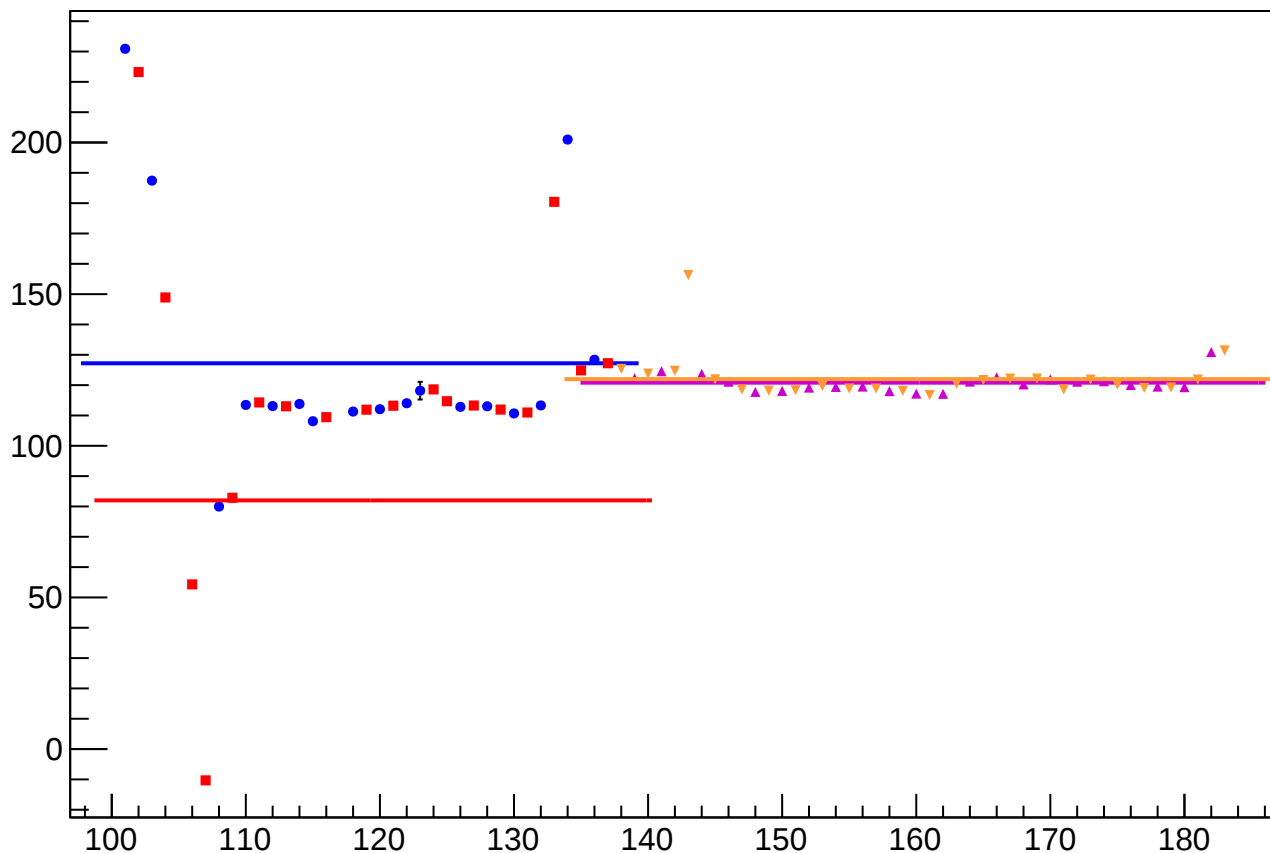
Right: -98.593 $\pm$ 1.062 χ^2 /NDF: 1578.5/34

In: -84.974 $\pm$ 0.751 χ^2 /NDF:1466.7/38

Out: -80.385 $\pm$ 0.719 χ^2 /NDF:1845.5/41

All: -82.579 $\pm$ 0.519 χ^2 /NDF: 3331.7/80

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: 121.987 $\pm$ 0.040 χ^2 /NDF: 29808.3/23

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.816 $\pm$ 0.040 χ^2 /NDF: 6190.7/21

Left: 121.405 $\pm$ 0.028 χ^2 /NDF: 36430.5/45

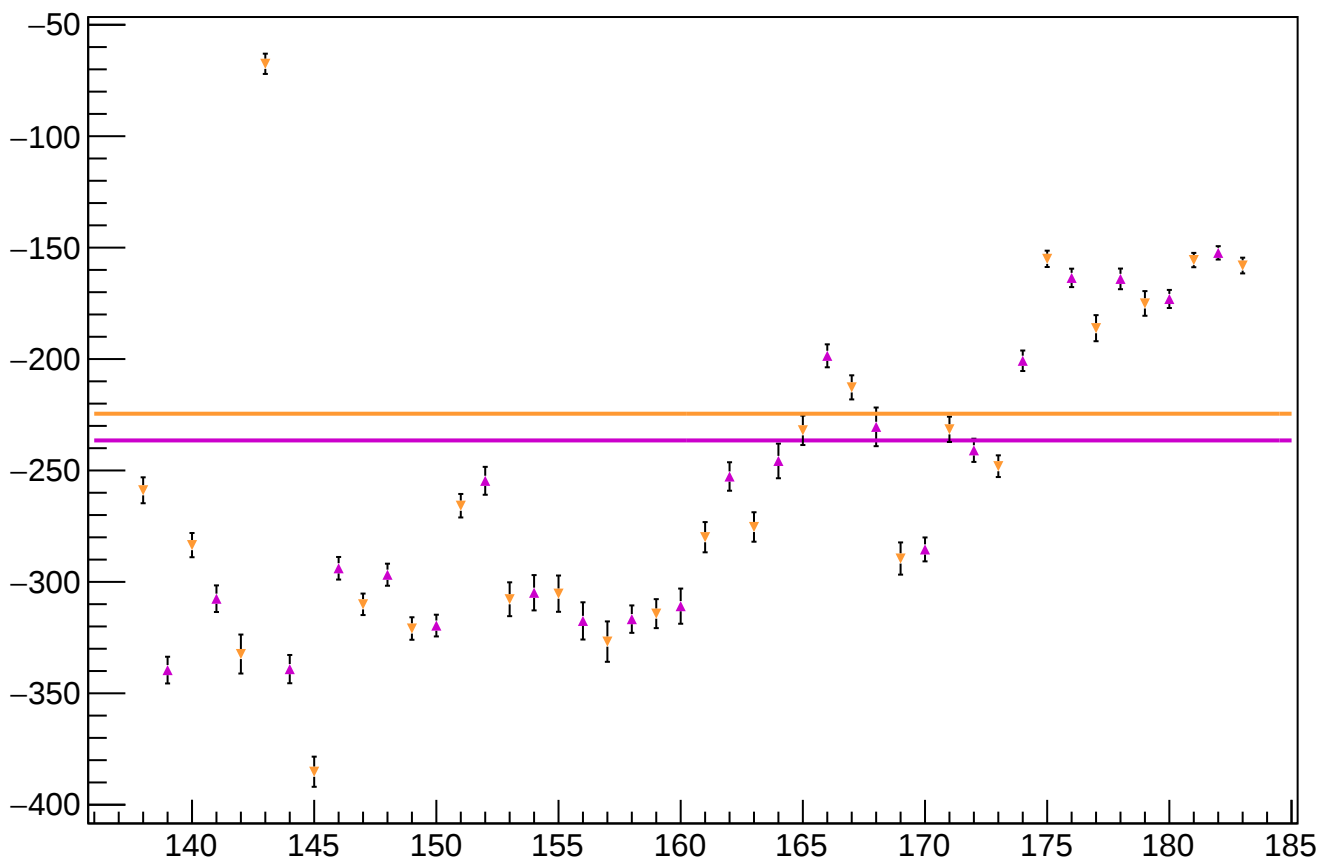
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 121.885 $\pm$ 0.036 χ^2 /NDF: 198494.6/38

Out: 113.310 $\pm$ 0.035 χ^2 /NDF: 999432.3/41

All: 117.442 $\pm$ 0.025 χ^2 /NDF: 1226592.2/80

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: -224.530+/-1.091 χ^2/NDF : 4870.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Left: -230.334+/-0.784 χ^2/NDF : 8423.4/45

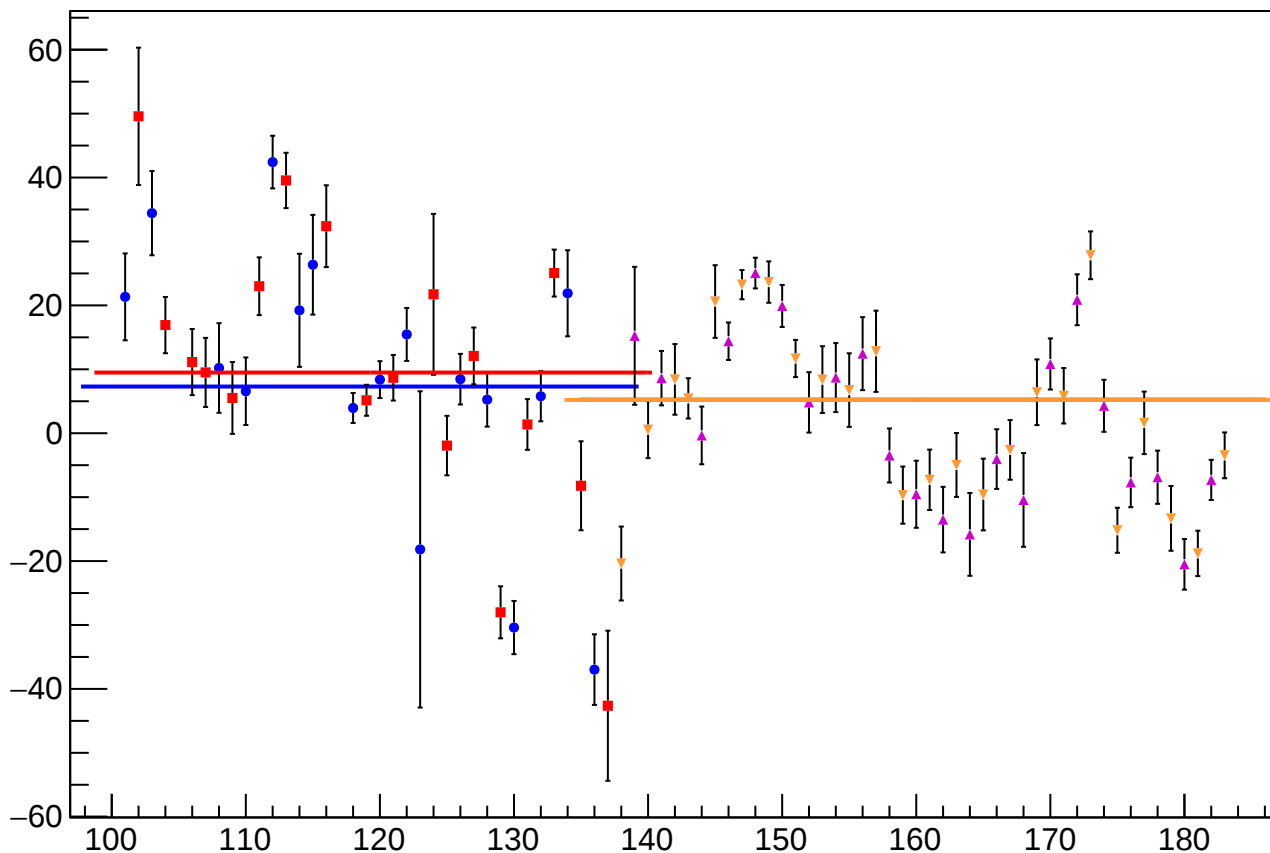
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Out: -224.530+/-1.091 χ^2/NDF : 4870.8/23

All: -230.334+/-0.784 χ^2/NDF : 8423.4/45

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: 5.216 $\pm$ 0.835 χ^2 /NDF:297.7/23

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 5.252 $\pm$ 0.877 χ^2 /NDF:242.9/21

Left: 5.233 $\pm$ 0.605 χ^2 /NDF: 540.6/45

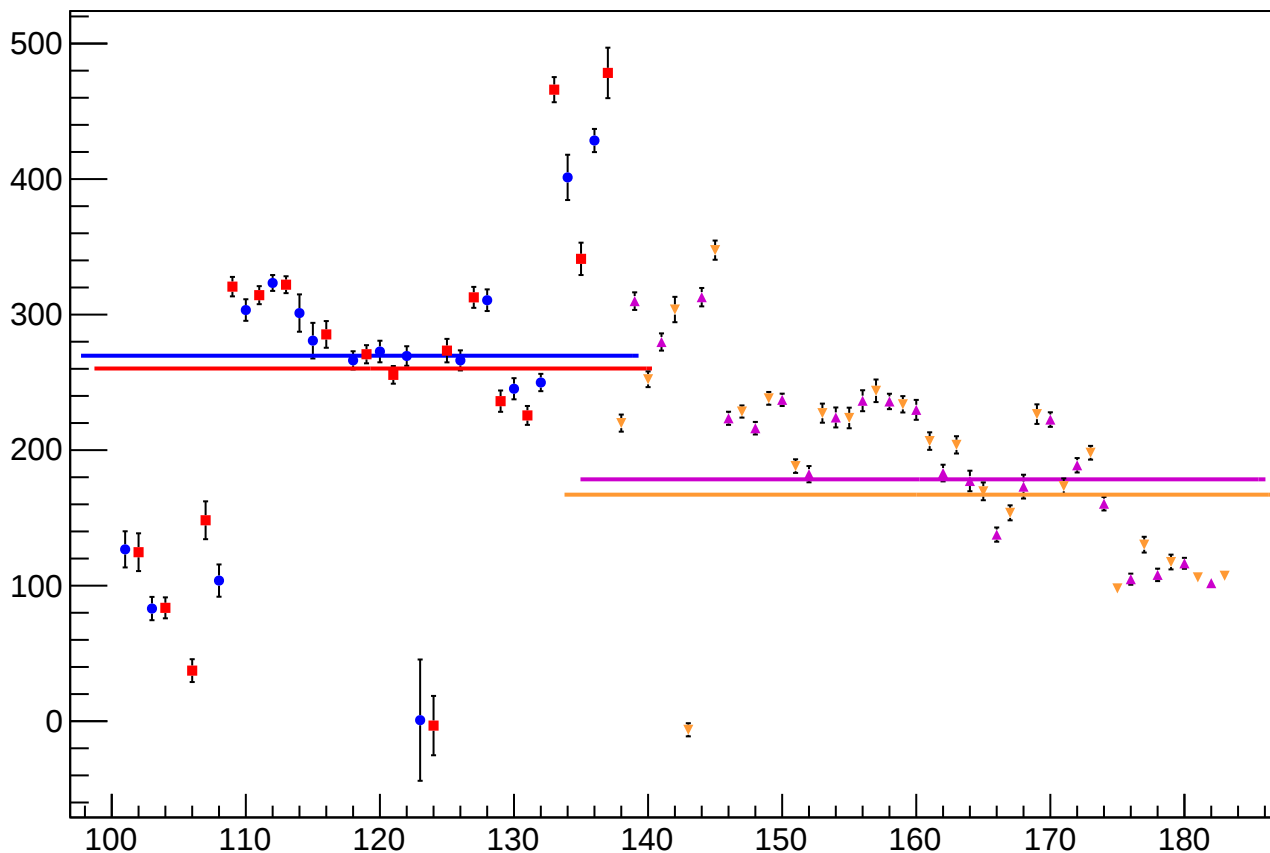
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 6.062 $\pm$ 0.682 χ^2 /NDF:505.7/38

Out: 6.828 $\pm$ 0.659 χ^2 /NDF:538.7/41

All: 6.459 $\pm$ 0.474 χ^2 /NDF: 1045.1/80

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: 167.145 $\pm$ 1.093 χ^2 /NDF:4453.7/23

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 178.450 $\pm$ 1.122 χ^2 /NDF:3166.3/21

Left: 172.653 $\pm$ 0.783 χ^2 /NDF: 7672.1/45

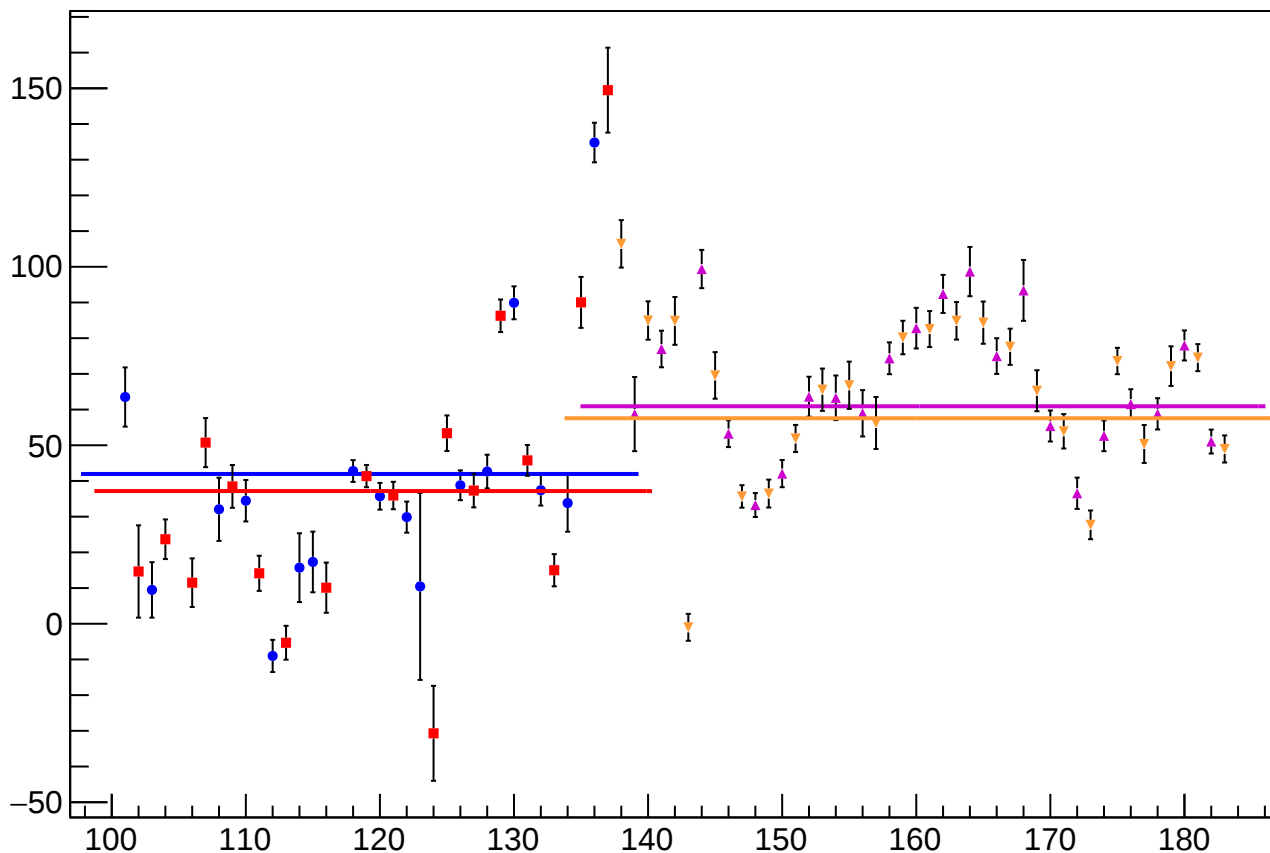
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 199.067 $\pm$ 0.987 χ^2 /NDF:6037.0/38

Out: 188.920 $\pm$ 0.957 χ^2 /NDF:8676.8/41

All: 193.837 $\pm$ 0.687 χ^2 /NDF: 14768.3/80

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 57.569+/-0.961 χ^2/NDF : 646.2/23

Right Out: 37.171+/-1.236 χ^2/NDF : 470.9/17

Left In: 60.921+/-1.001 χ^2/NDF : 331.1/21

Left: 59.176+/-0.693 χ^2/NDF : 983.2/45

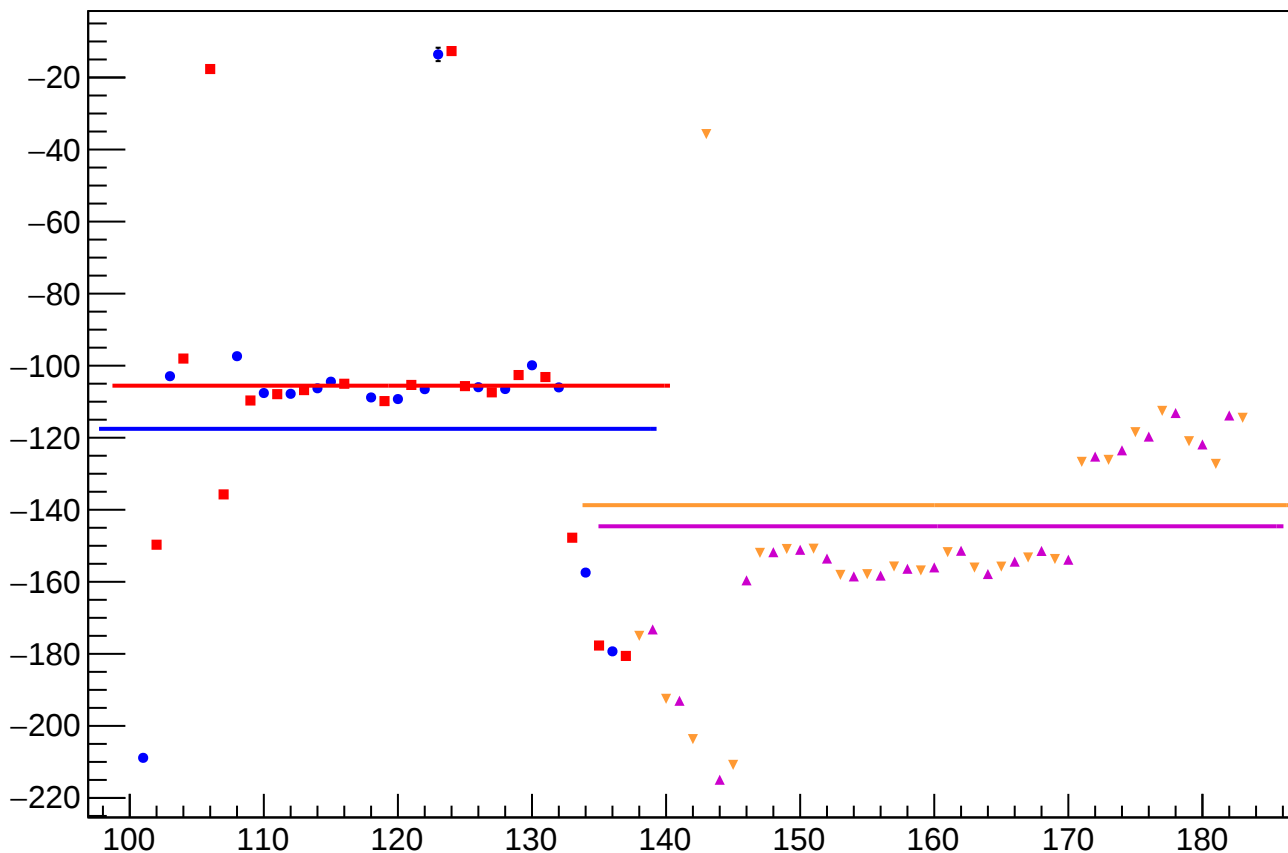
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/34

In: 53.571+/-0.783 χ^2/NDF : 1044.4/38

Out: 49.888+/-0.759 χ^2/NDF : 1286.9/41

All: 51.670+/-0.545 χ^2/NDF : 2342.7/80

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -138.725+/-0.046 χ^2/NDF : 557322.7/23

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -144.589+/-0.047 χ^2/NDF : 250141.4/21

Left: -141.600+/-0.033 χ^2/NDF : 815516.6/45

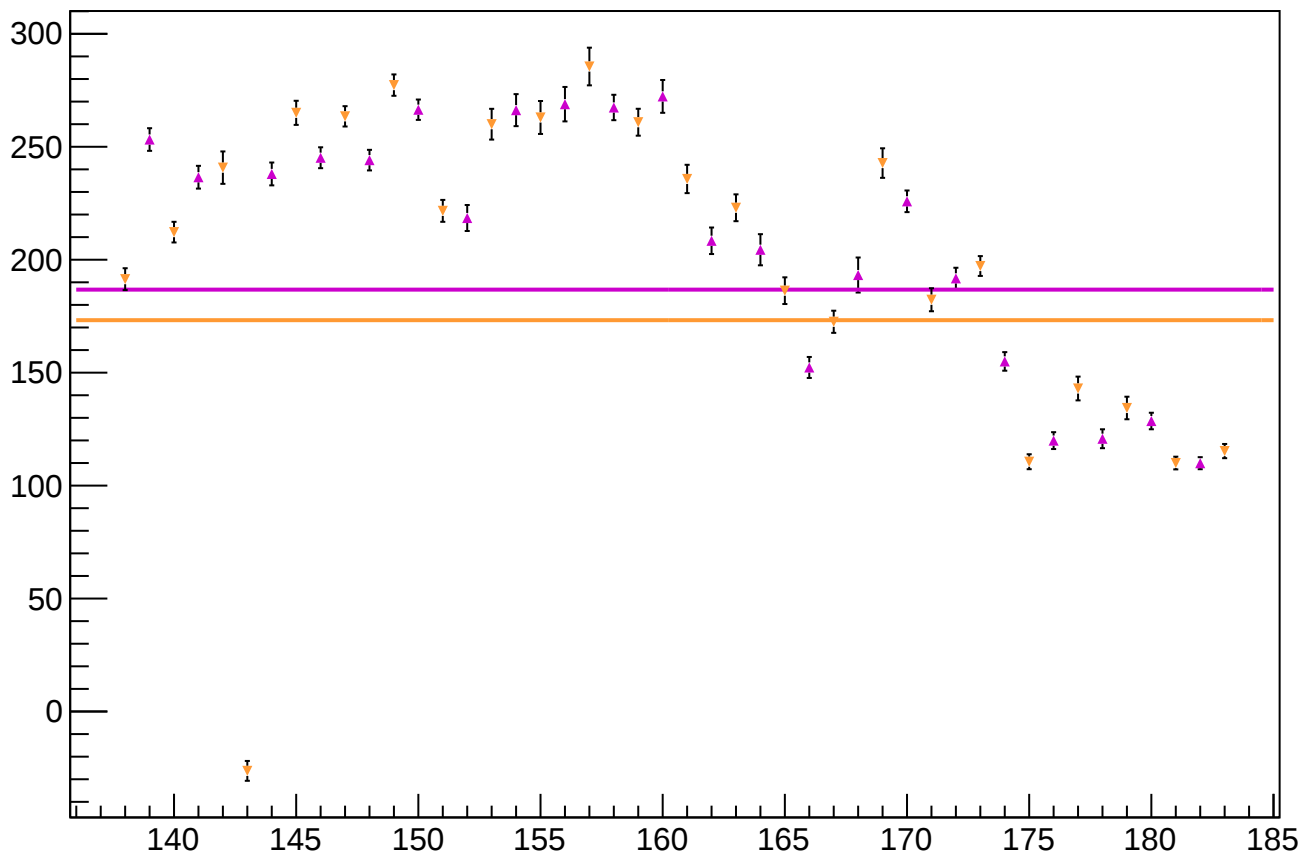
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -137.478+/-0.040 χ^2/NDF : 480591.3/38

Out: -129.343+/-0.039 χ^2/NDF : 1023337.3/41

All: -133.277+/-0.028 χ^2/NDF : 1525234.5/80

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Left: 179.787+/-0.701 χ^2/NDF : 9416.1/45

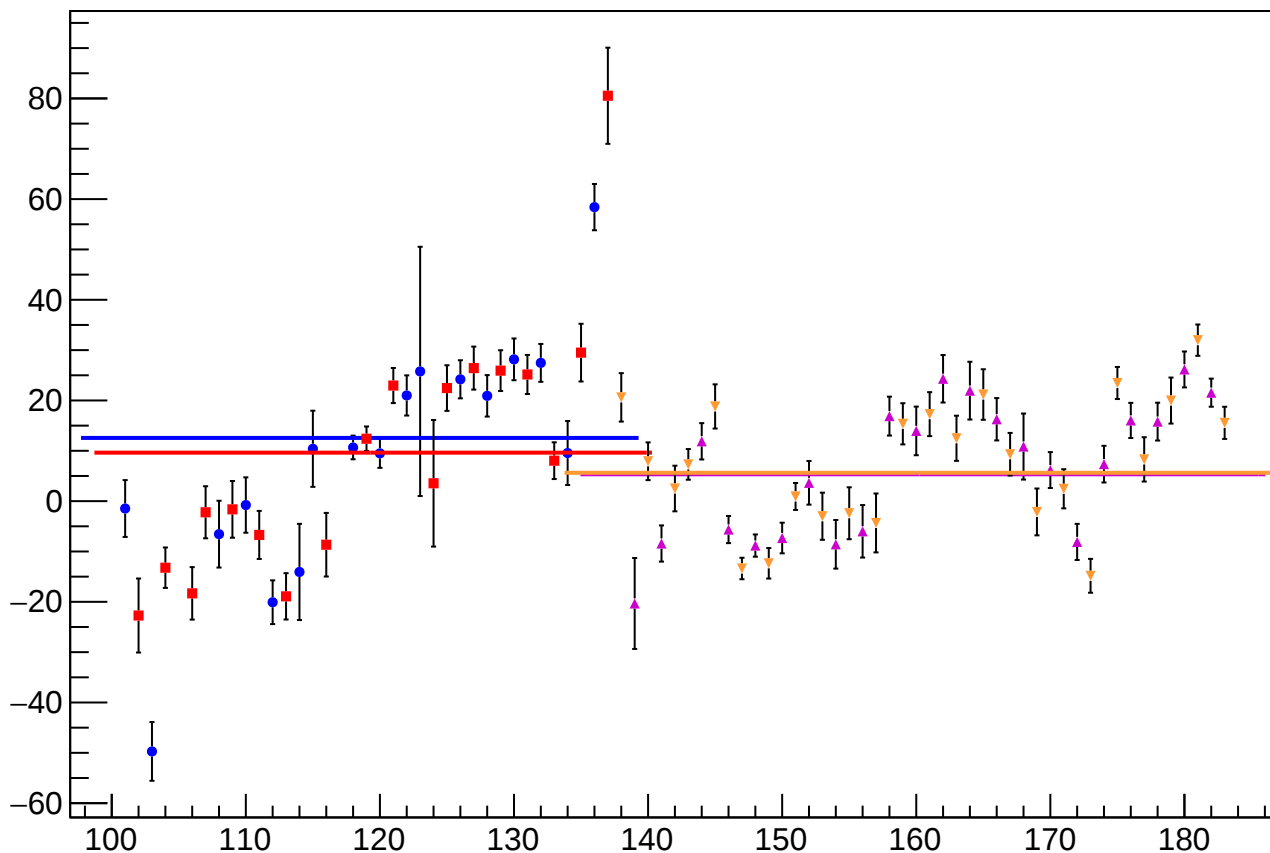
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

All: 179.787+/-0.701 χ^2/NDF : 9416.1/45

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 5.633+/-0.754 χ^2/NDF : 335.3/23

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 5.331+/-0.789 χ^2/NDF : 257.6/21

Left: 5.489+/-0.545 χ^2/NDF : 593.0/45

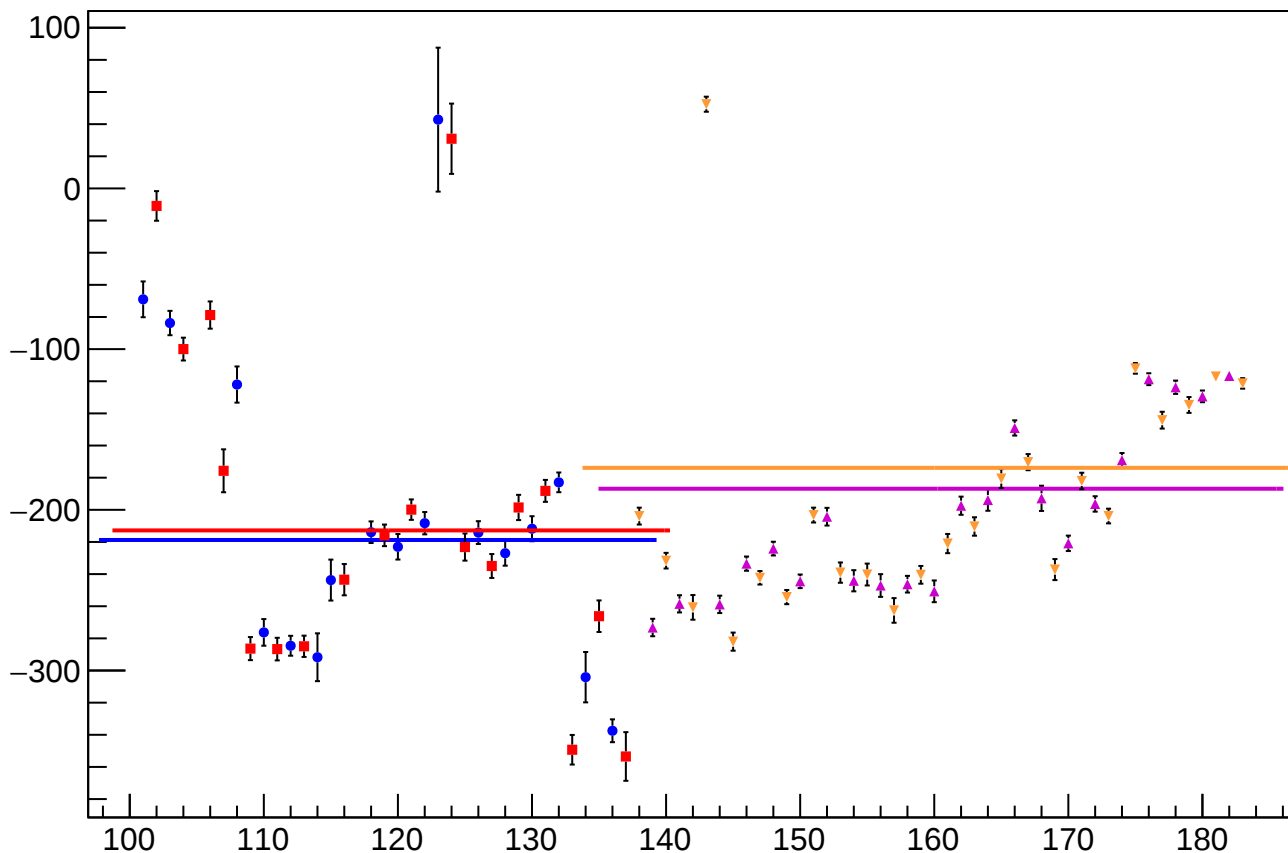
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 7.916+/-0.632 χ^2/NDF : 636.2/38

Out: 6.993+/-0.612 χ^2/NDF : 632.4/41

All: 7.440+/-0.440 χ^2/NDF : 1269.7/80

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: -173.880 ± 0.981 $\chi^2/\text{NDF}: 5442.4/23$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -186.880 ± 1.006 $\chi^2/\text{NDF}: 2963.6/21$

Left: -180.218 ± 0.702 $\chi^2/\text{NDF}: 8491.6/45$

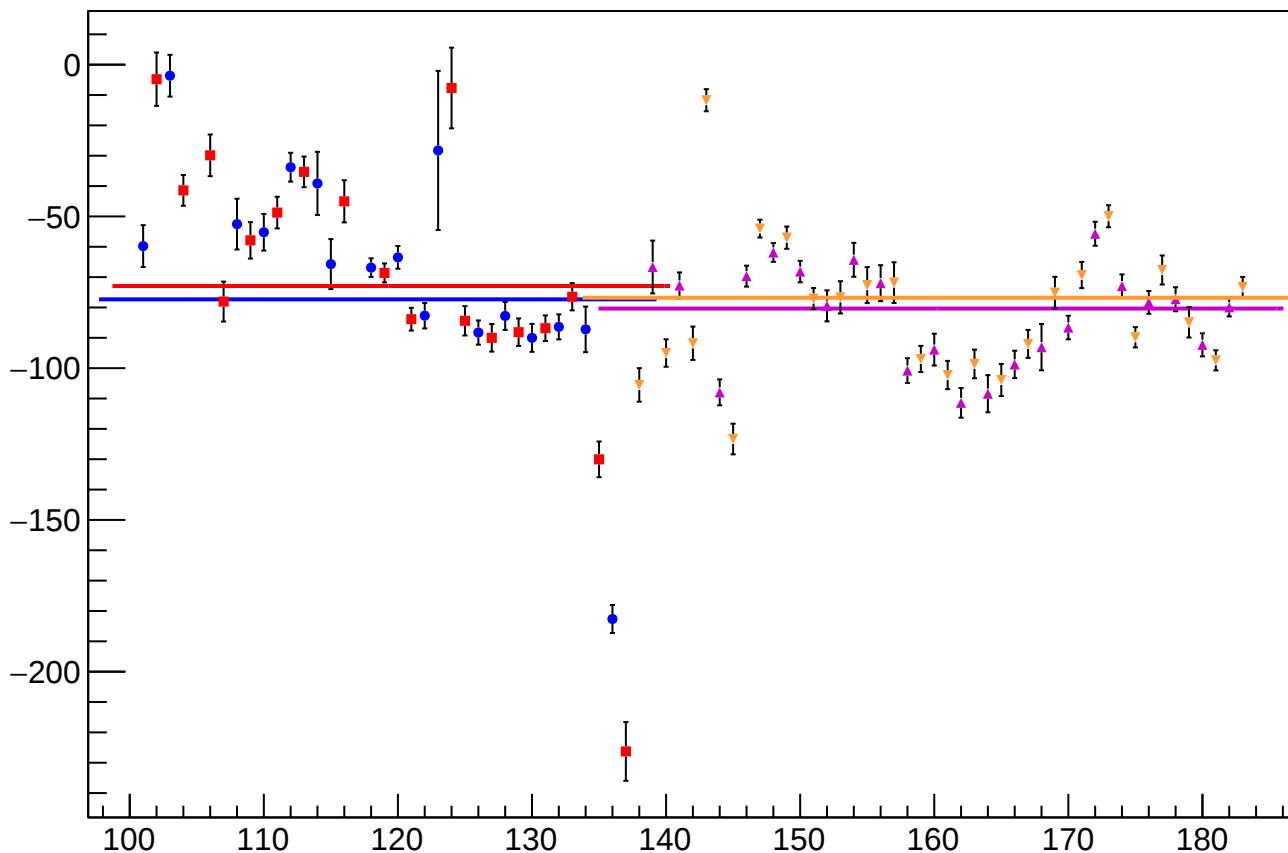
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -193.263 ± 0.899 $\chi^2/\text{NDF}: 4309.3/38$

Out: -181.896 ± 0.874 $\chi^2/\text{NDF}: 7591.3/41$

All: -187.417 ± 0.627 $\chi^2/\text{NDF}: 11982.8/80$

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: -76.803+/-0.866 χ^2/NDF : 775.0/23

Right Out: -72.922+/-1.208 χ^2/NDF : 660.8/17

Left In: -80.350+/-0.899 χ^2/NDF : 283.4/21

Left: -78.509+/-0.624 χ^2/NDF : 1066.4/45

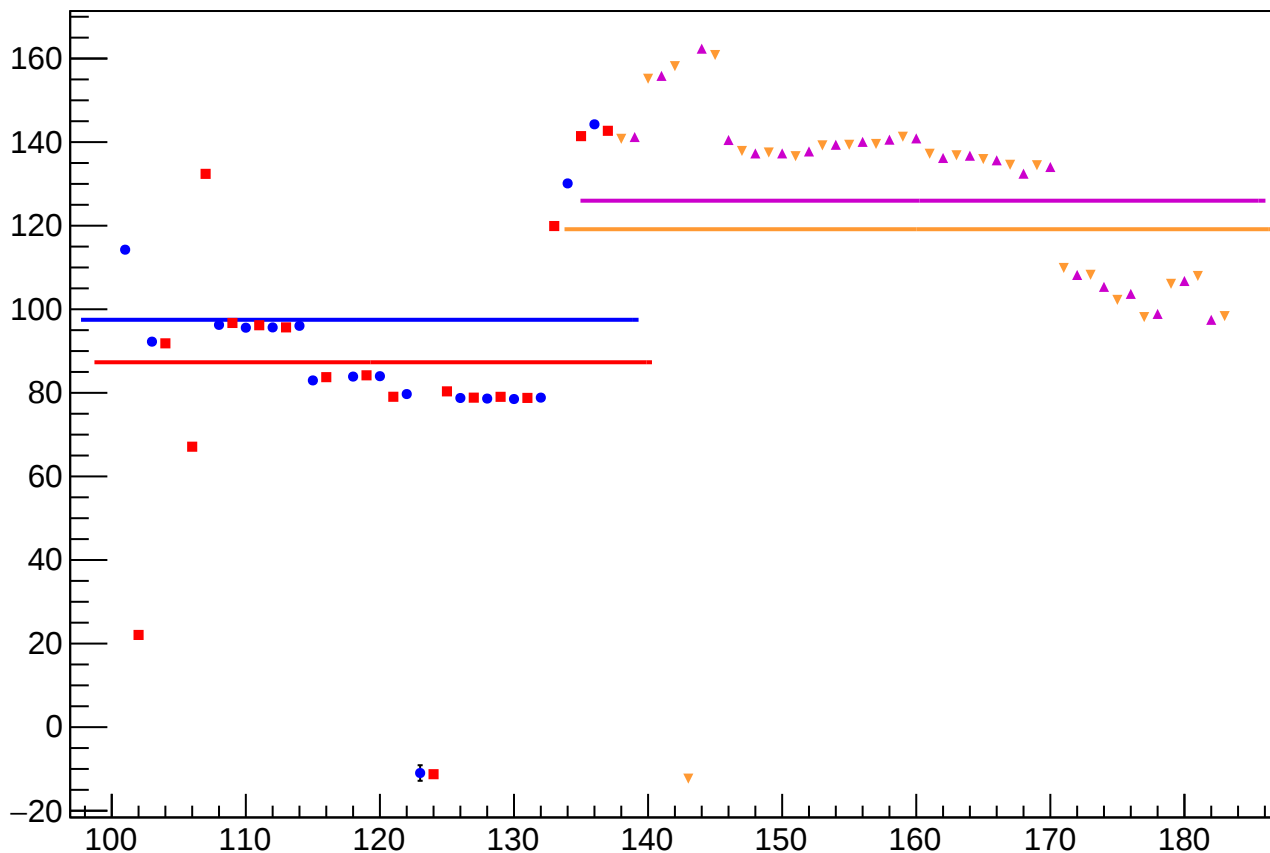
Right: -75.095+/-0.859 χ^2/NDF : 1485.1/34

In: -79.285+/-0.724 χ^2/NDF : 1105.1/38

Out: -75.486+/-0.704 χ^2/NDF : 1442.6/41

All: -77.330+/-0.505 χ^2/NDF : 2561.8/80

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483 $\pm$ 0.073 χ^2/NDF : 94392.9/16

Left Out: 119.154 $\pm$ 0.041 χ^2/NDF : 721869.6/23

Right Out: 87.318 $\pm$ 0.068 χ^2/NDF : 221863.6/17

Left In: 125.980 $\pm$ 0.042 χ^2/NDF : 209370.0/21

Left: 122.508 $\pm$ 0.029 χ^2/NDF : 944808.9/45

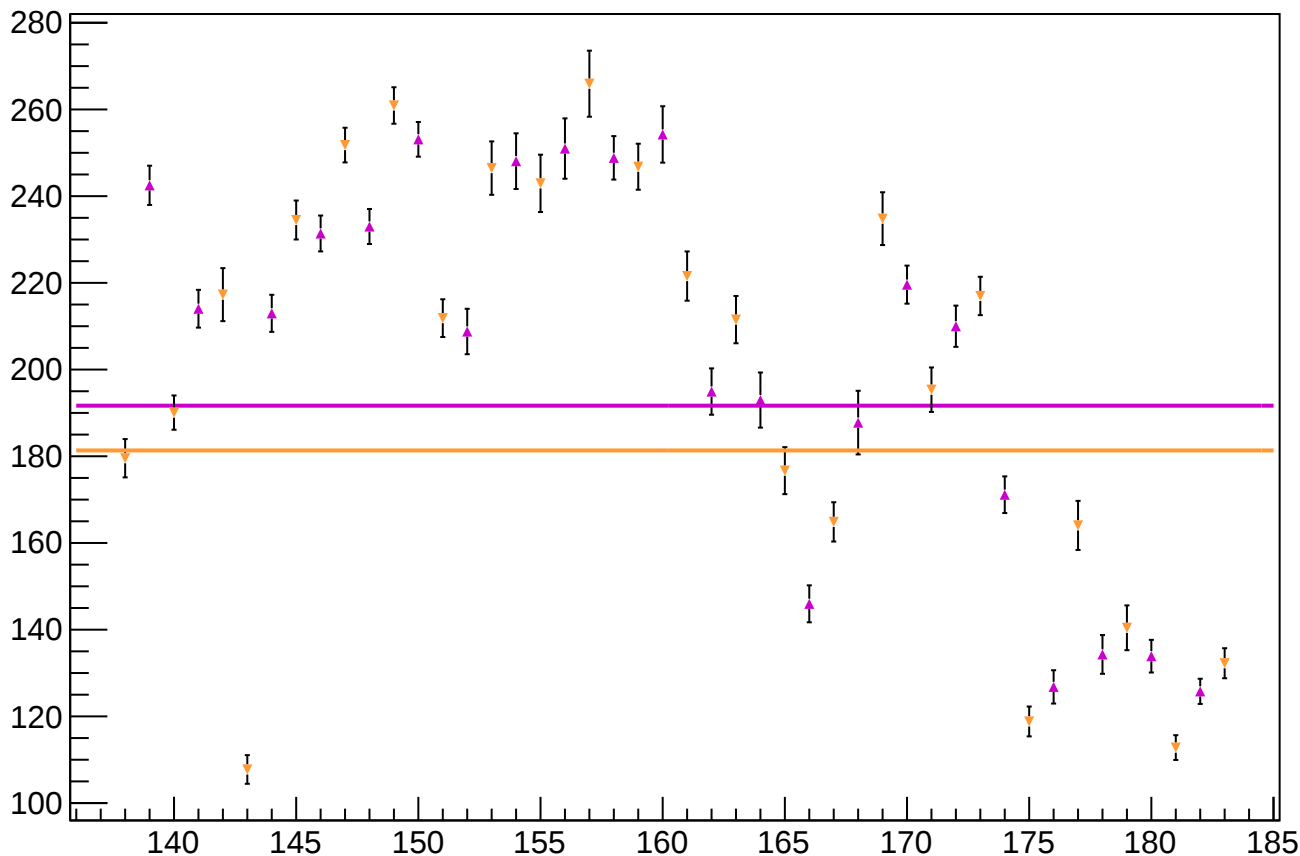
Right: 92.040 $\pm$ 0.050 χ^2/NDF : 326534.9/34

In: 118.998 $\pm$ 0.036 χ^2/NDF : 417672.8/38

Out: 110.707 $\pm$ 0.035 χ^2/NDF : 1103163.2/41

All: 114.724 $\pm$ 0.025 χ^2/NDF : 1547713.9/80

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 181.343 $\pm$ 0.921 χ^2/NDF :3288.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 191.671 $\pm$ 0.964 χ^2/NDF :2387.4/21

Left: 186.269 $\pm$ 0.666 χ^2/NDF : 5736.0/45

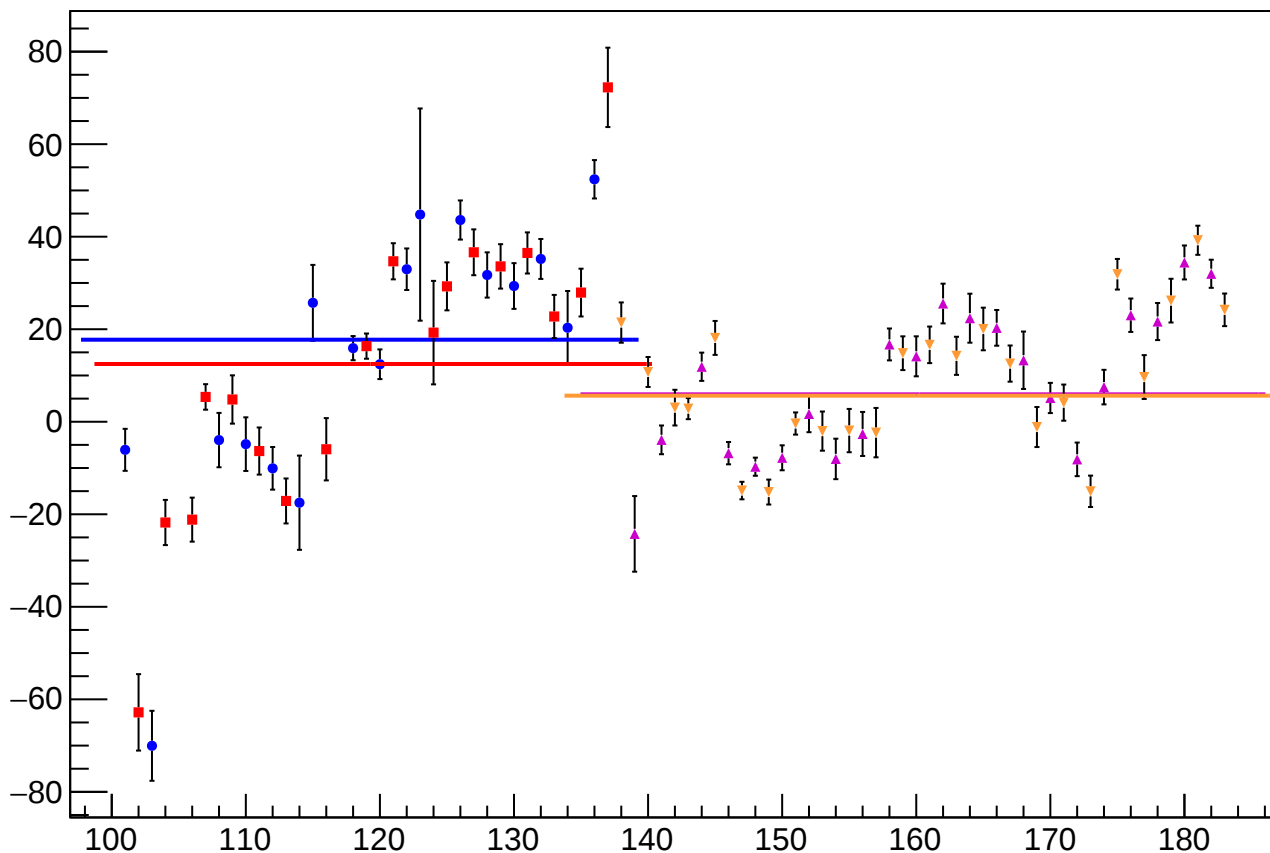
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 191.671 $\pm$ 0.964 χ^2/NDF :2387.4/21

Out: 181.343 $\pm$ 0.921 χ^2/NDF :3288.6/23

All: 186.269 $\pm$ 0.666 χ^2/NDF : 5736.0/45

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: 5.638 ± 0.692 $\chi^2/\text{NDF}: 515.9/23$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 5.925 ± 0.737 $\chi^2/\text{NDF}: 405.7/21$

Left: 5.772 ± 0.505 $\chi^2/\text{NDF}: 921.7/45$

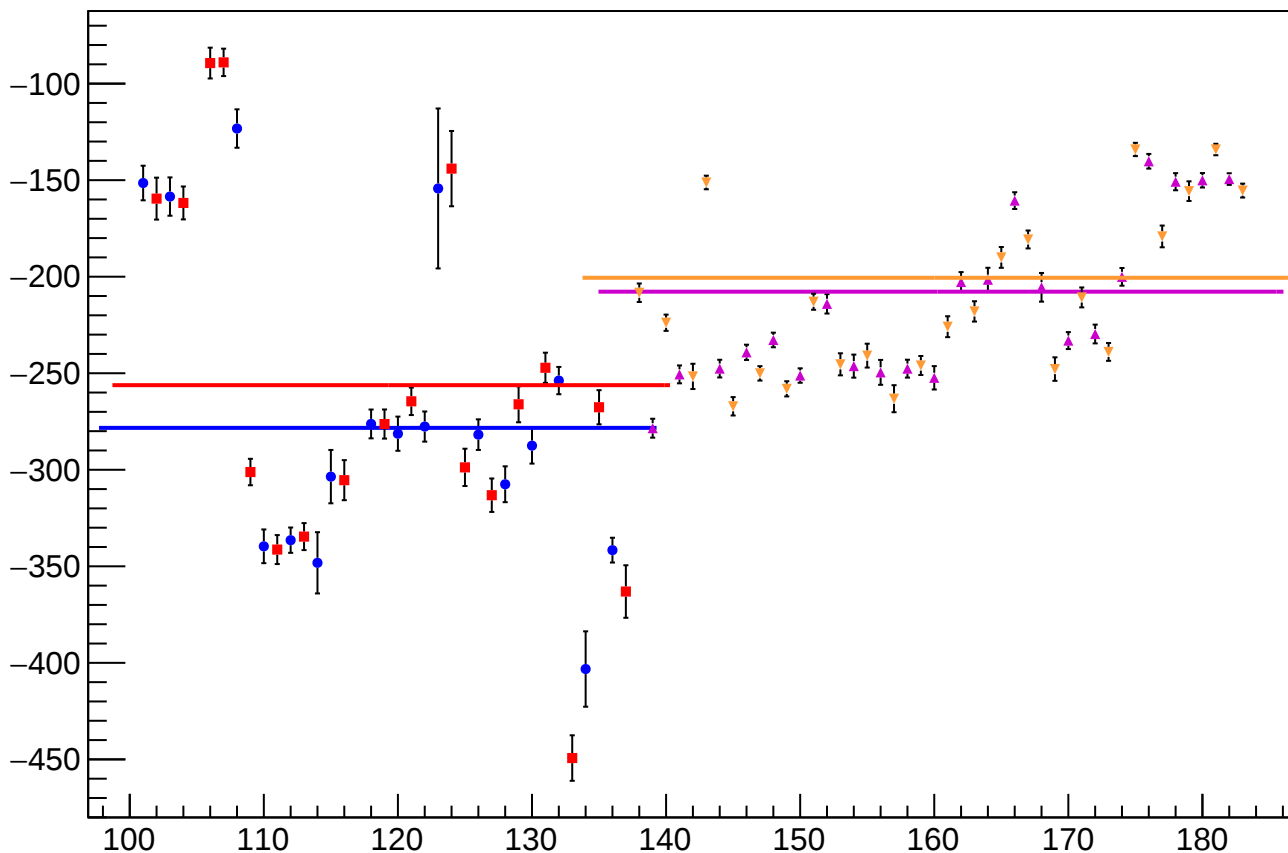
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 9.371 ± 0.620 $\chi^2/\text{NDF}: 874.6/38$

Out: 7.617 ± 0.583 $\chi^2/\text{NDF}: 973.4/41$

All: 8.440 ± 0.425 $\chi^2/\text{NDF}: 1852.2/80$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: -204.023 +/- 0.666 χ^2/NDF : 4589.2/45

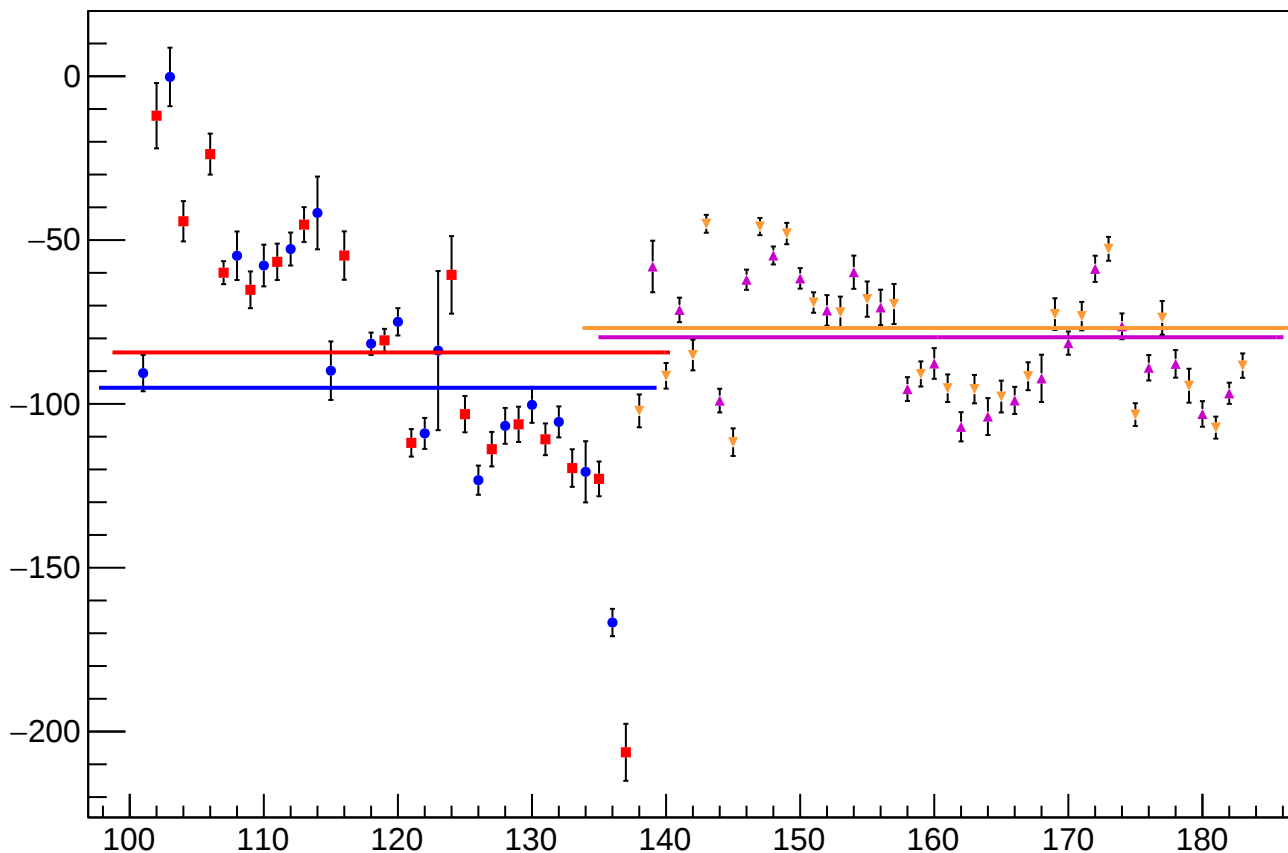
Right: -266.460 +/- 1.481 χ^2/NDF : 2917.6/34

In: -219.288 +/- 0.878 χ^2/NDF : 3885.0/38

Out: -210.156 +/- 0.841 χ^2/NDF : 5043.5/41

All: -214.526 +/- 0.607 χ^2/NDF : 8984.9/80

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: -76.842 ± 0.802 χ^2/NDF : 764.9/23

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -79.650 ± 0.847 χ^2/NDF : 414.9/21

Left: -78.170 ± 0.582 χ^2/NDF : 1185.5/45

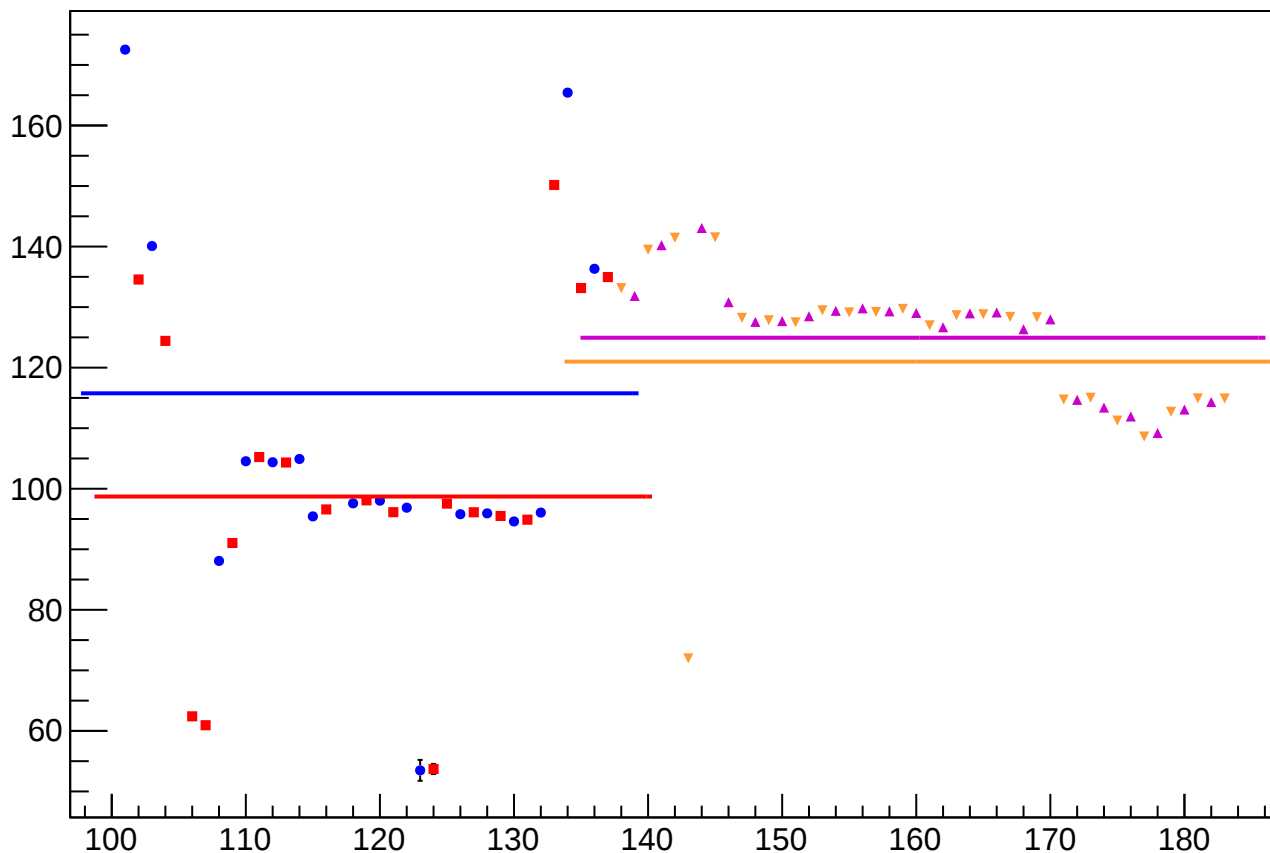
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -84.122 ± 0.714 χ^2/NDF : 1184.2/38

Out: -78.994 ± 0.676 χ^2/NDF : 1558.6/41

All: -81.420 ± 0.491 χ^2/NDF : 2770.0/80

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: 120.998+/-0.038 χ^2/NDF :182176.7/23

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 124.941+/-0.040 χ^2/NDF :50454.6/21

Left: 122.912+/-0.028 χ^2/NDF : 237737.7/45

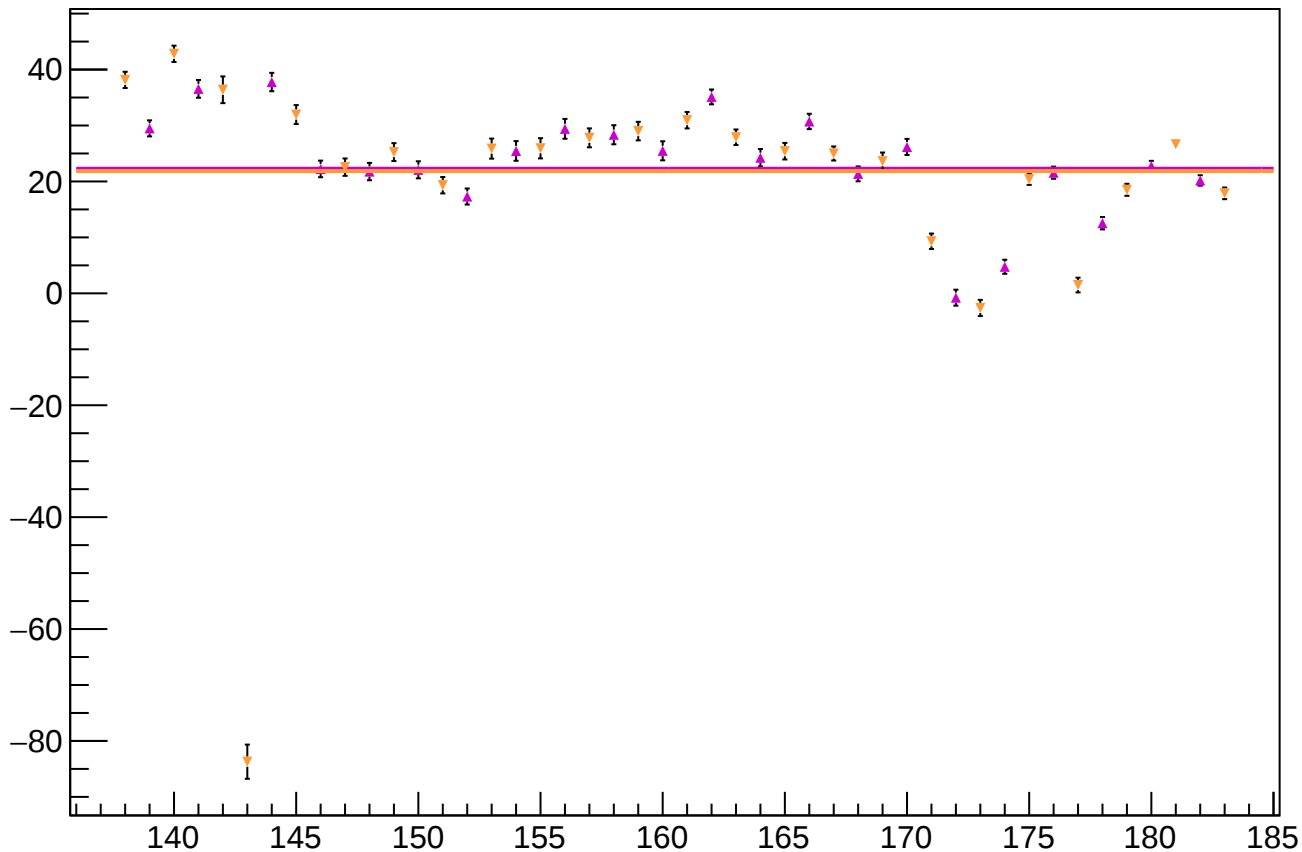
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 123.065+/-0.035 χ^2/NDF :167744.2/38

Out: 115.683+/-0.034 χ^2/NDF :432462.4/41

All: 119.186+/-0.024 χ^2/NDF : 623174.0/80

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.268+/-0.288 χ^2/NDF :921.0/21

Left: 22.059+/-0.203 χ^2/NDF : 3304.5/45

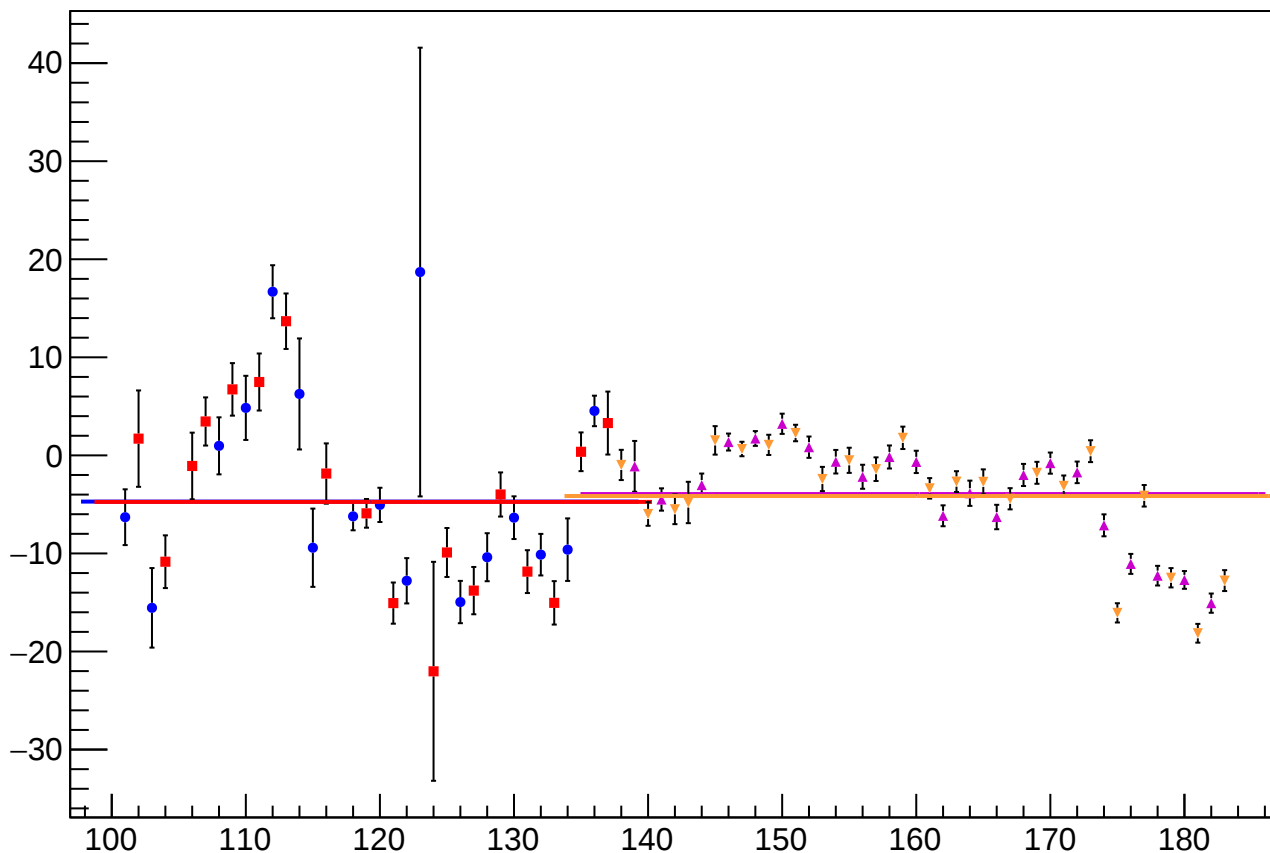
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.268+/-0.288 χ^2/NDF :921.0/21

Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

All: 22.059+/-0.203 χ^2/NDF : 3304.5/45

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: -4.144 ± 0.225 χ^2/NDF : 715.4/23

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -3.946 ± 0.229 χ^2/NDF : 563.4/21

Left: -4.047 ± 0.161 χ^2/NDF : 1279.2/45

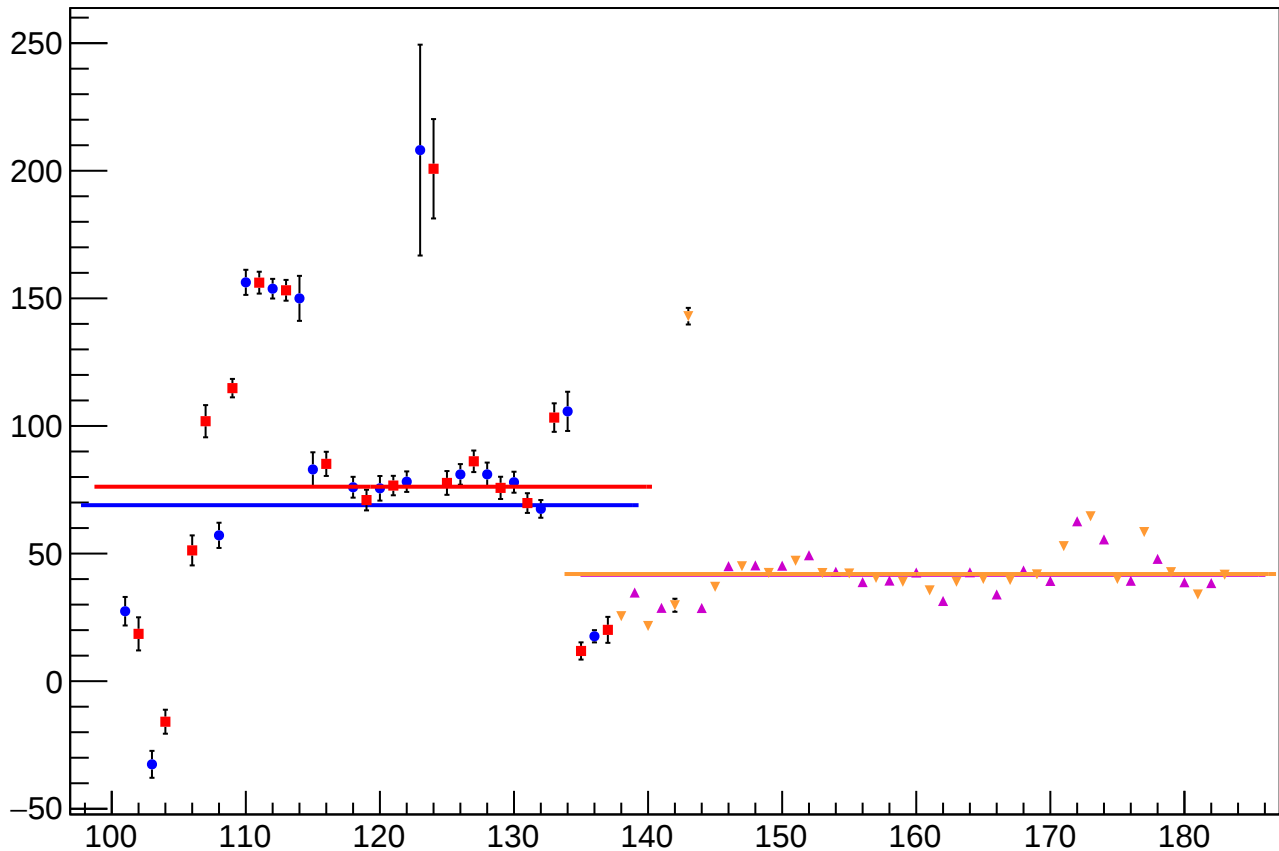
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.050 ± 0.213 χ^2/NDF : 739.6/38

Out: -4.221 ± 0.210 χ^2/NDF : 905.6/41

All: -4.137 ± 0.150 χ^2/NDF : 1645.5/80

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: 41.987 ± 0.284 $\chi^2/\text{NDF}: 1855.8/23$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.676 ± 0.287 $\chi^2/\text{NDF}: 656.5/21$

Left: 41.833 ± 0.202 $\chi^2/\text{NDF}: 2512.9/45$

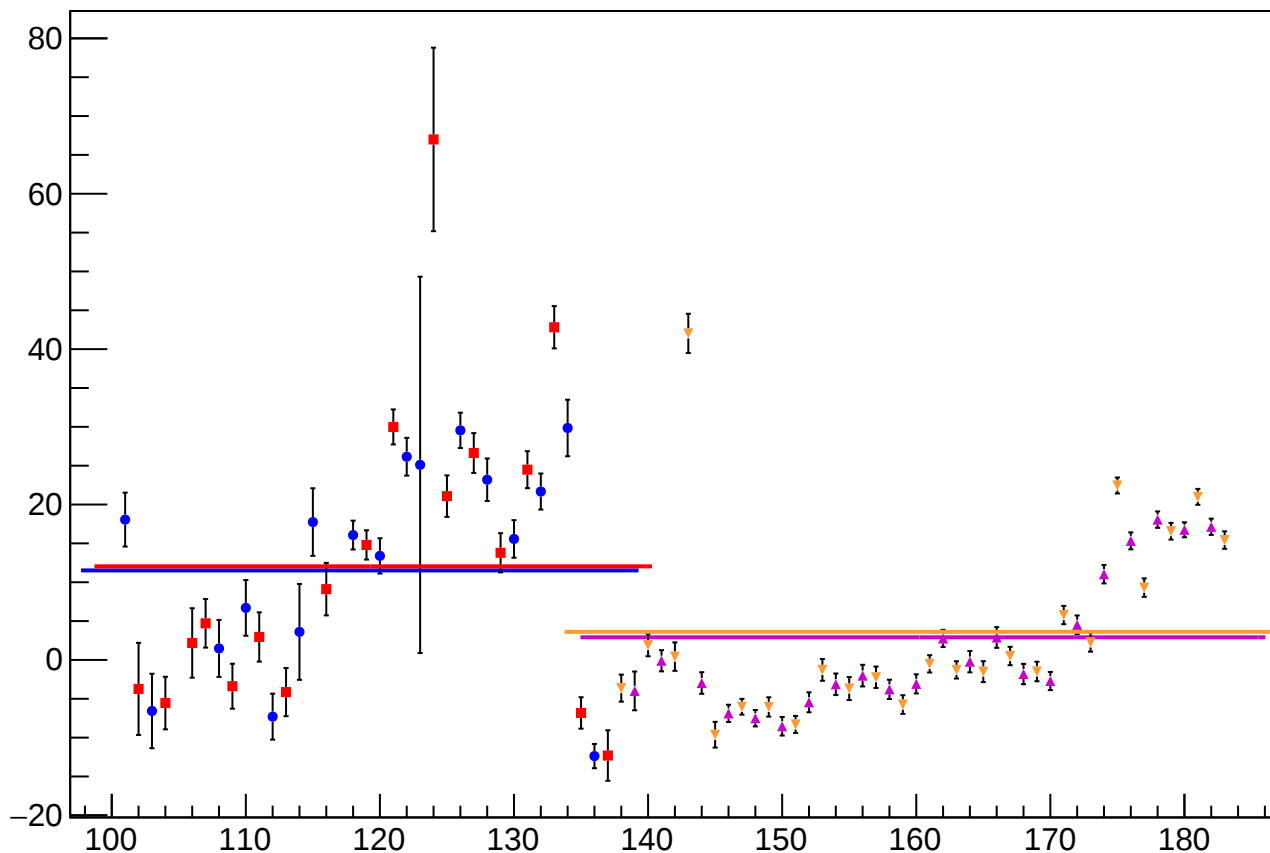
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.474 ± 0.277 $\chi^2/\text{NDF}: 3097.9/38$

Out: 44.237 ± 0.275 $\chi^2/\text{NDF}: 4690.1/41$

All: 43.859 ± 0.195 $\chi^2/\text{NDF}: 7791.8/80$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 3.618 $\pm$ 0.254 χ^2 /NDF:1679.6/23

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: 2.914 $\pm$ 0.259 χ^2 /NDF:1242.0/21

Left: 3.272 $\pm$ 0.181 χ^2 /NDF: 2925.3/45

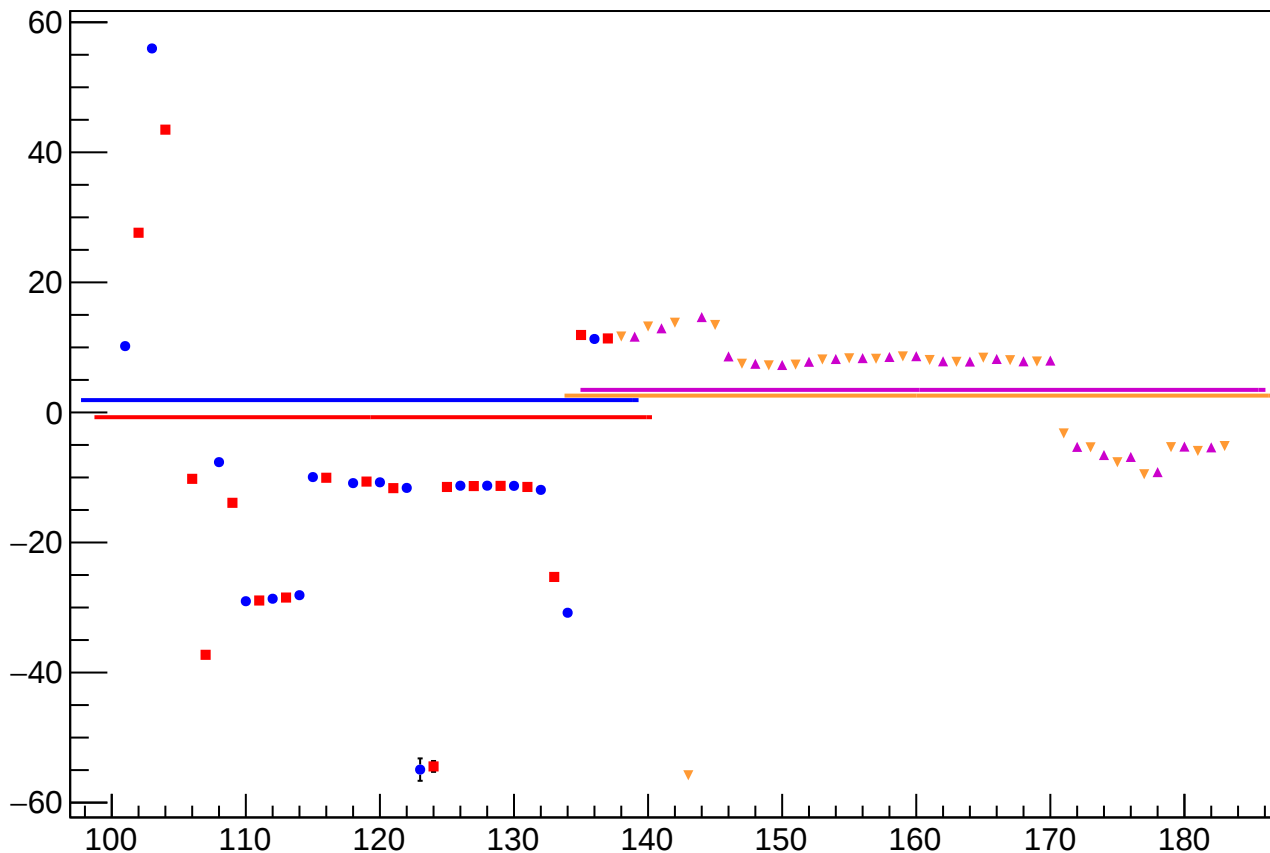
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: 4.061 $\pm$ 0.241 χ^2 /NDF:1866.6/38

Out: 4.694 $\pm$ 0.237 χ^2 /NDF:2358.7/41

All: 4.382 $\pm$ 0.169 χ^2 /NDF: 4228.8/80

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: 2.588 $\pm$ 0.012 χ^2 /NDF:608012.1/23

Right Out: -0.733 $\pm$ 0.037 χ^2 /NDF: 359934.4/17

Left In: 3.470 $\pm$ 0.012 χ^2 /NDF:397454.5/21

Left: 3.027 $\pm$ 0.008 χ^2 /NDF: 1008303.6/45

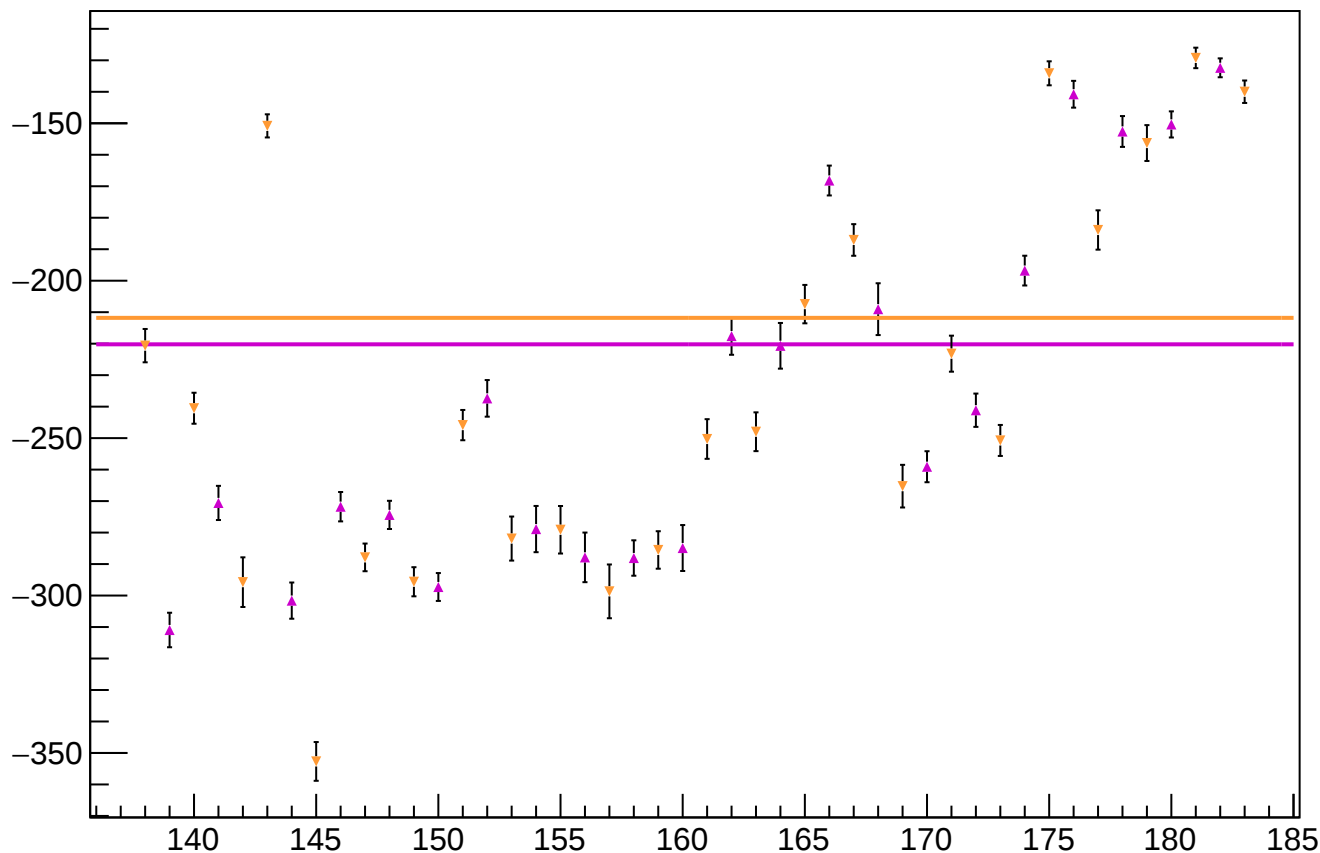
Right: 0.584 $\pm$ 0.026 χ^2 /NDF: 721303.3/34

In: 3.326 $\pm$ 0.011 χ^2 /NDF:757950.8/38

Out: 2.288 $\pm$ 0.011 χ^2 /NDF:975229.3/41

All: 2.806 $\pm$ 0.008 χ^2 /NDF: 1737502.9/80

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: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -220.206 ± 1.083 $\chi^2/\text{NDF}: 3405.9/21$

Left: -215.833 ± 0.750 $\chi^2/\text{NDF}: 7306.3/45$

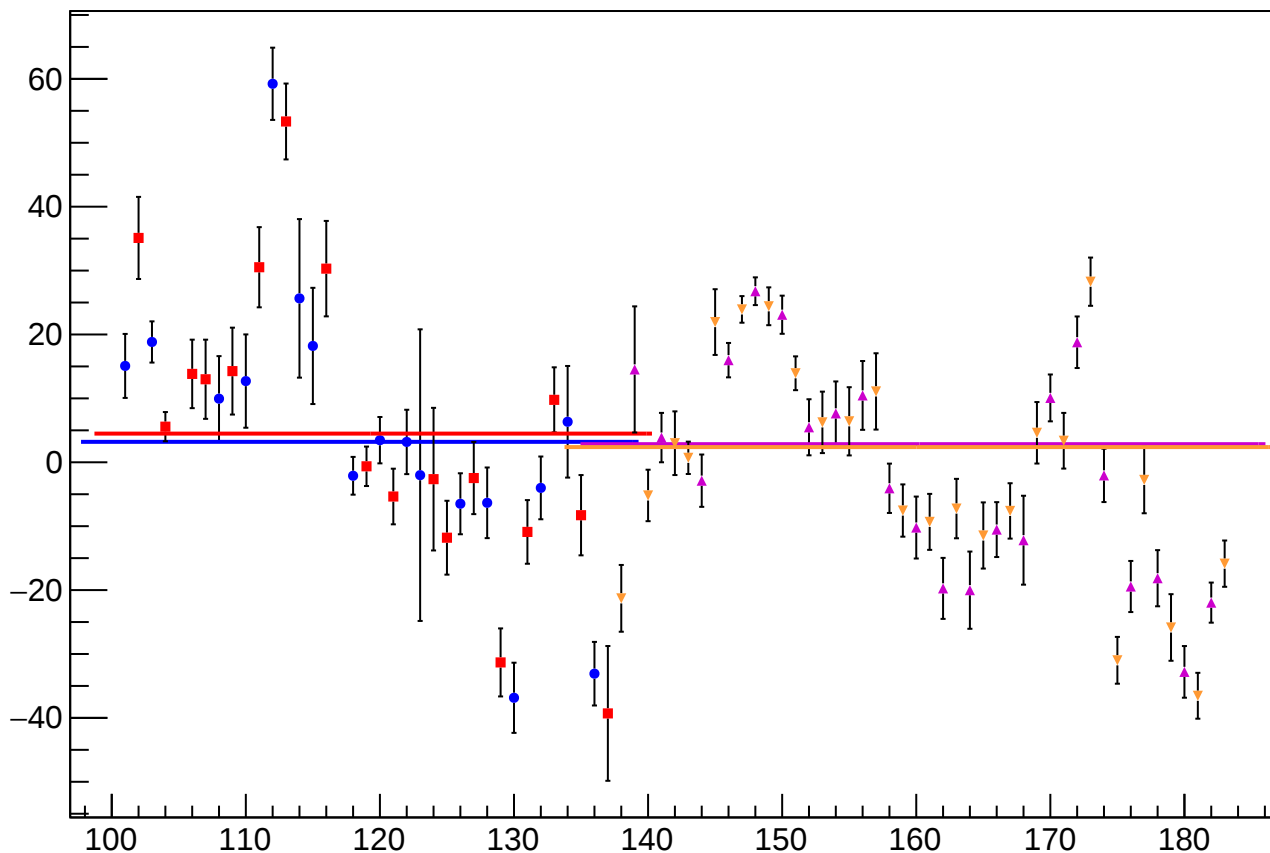
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -220.206 ± 1.083 $\chi^2/\text{NDF}: 3405.9/21$

Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

All: -215.833 ± 0.750 $\chi^2/\text{NDF}: 7306.3/45$

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: 2.378 ± 0.780 χ^2/NDF : 557.1/23

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 2.835 ± 0.830 χ^2/NDF : 474.5/21

Left: 2.592 ± 0.568 χ^2/NDF : 1031.8/45

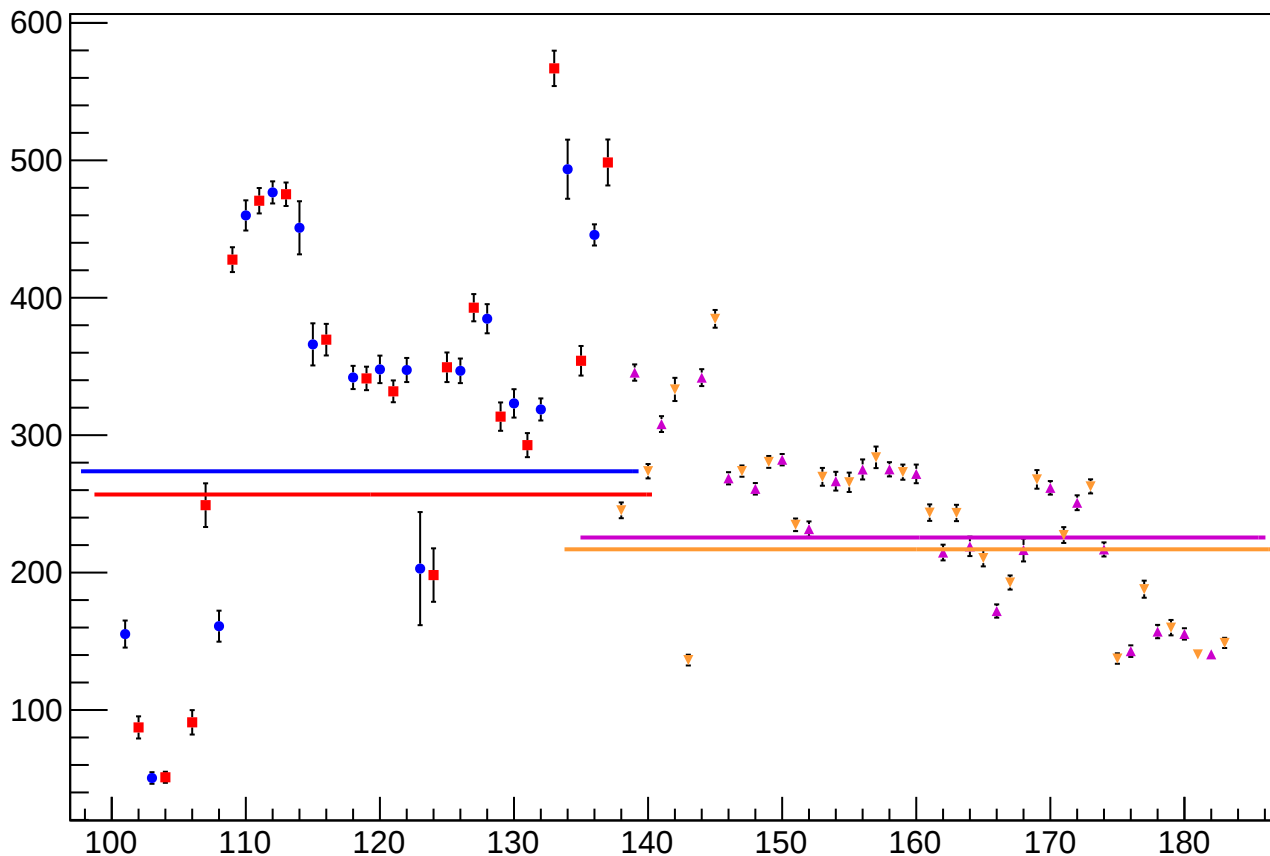
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 2.949 ± 0.687 χ^2/NDF : 729.8/38

Out: 3.036 ± 0.647 χ^2/NDF : 781.2/41

All: 2.996 ± 0.471 χ^2/NDF : 1510.9/80

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 216.938+/-1.042 χ^2/NDF : 3757.1/23

Right Out: 256.826+/-2.084 χ^2/NDF : 6411.8/17

Left In: 225.531+/-1.076 χ^2/NDF : 3368.8/21

Left: 221.094+/-0.749 χ^2/NDF : 7158.8/45

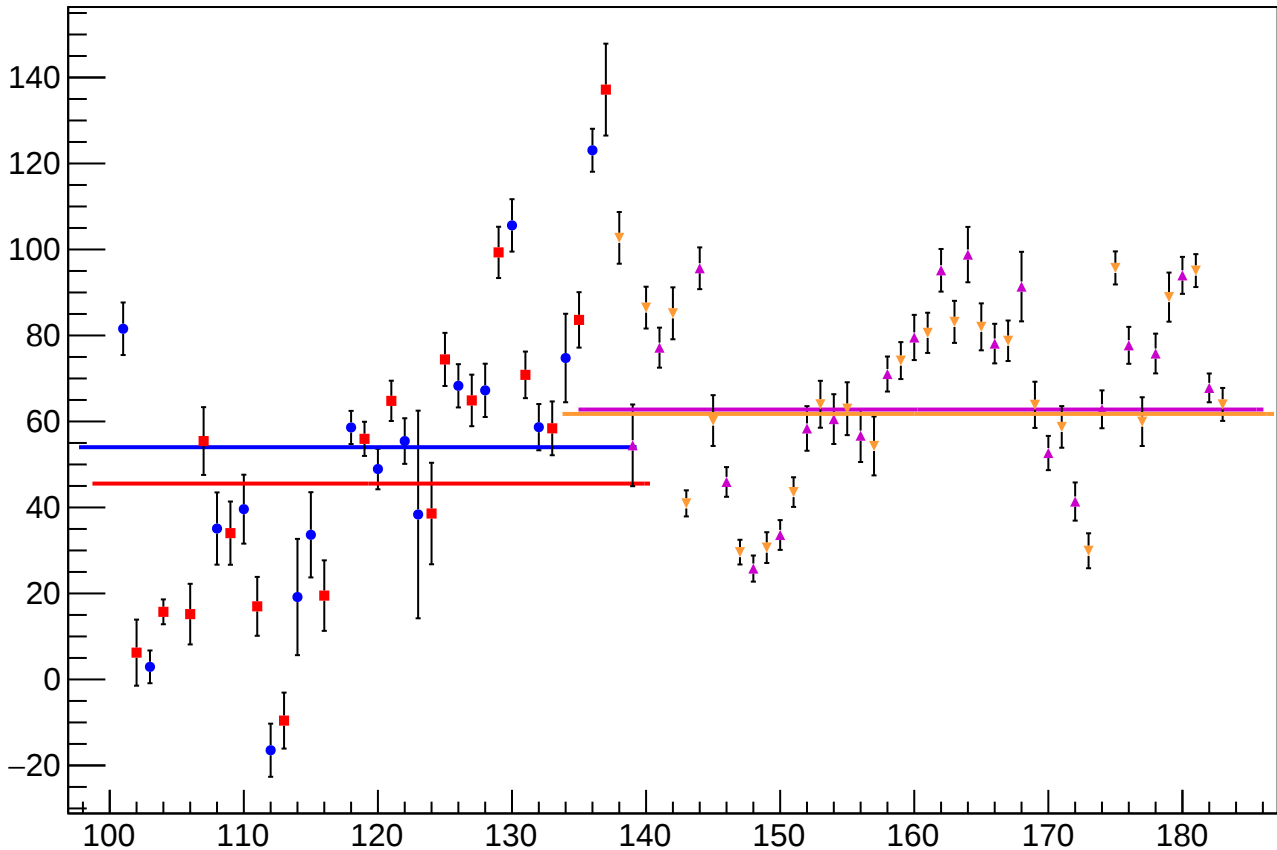
Right: 264.834+/-1.511 χ^2/NDF : 11546.2/34

In: 234.875+/-0.966 χ^2/NDF : 8860.8/38

Out: 224.915+/-0.932 χ^2/NDF : 10462.0/41

All: 229.713+/-0.671 χ^2/NDF : 19377.9/80

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: 61.757 $\pm$ 0.904 χ^2 /NDF:673.7/23

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 62.775 $\pm$ 0.952 χ^2 /NDF:517.5/21

Left: 62.240 $\pm$ 0.656 χ^2 /NDF: 1191.8/45

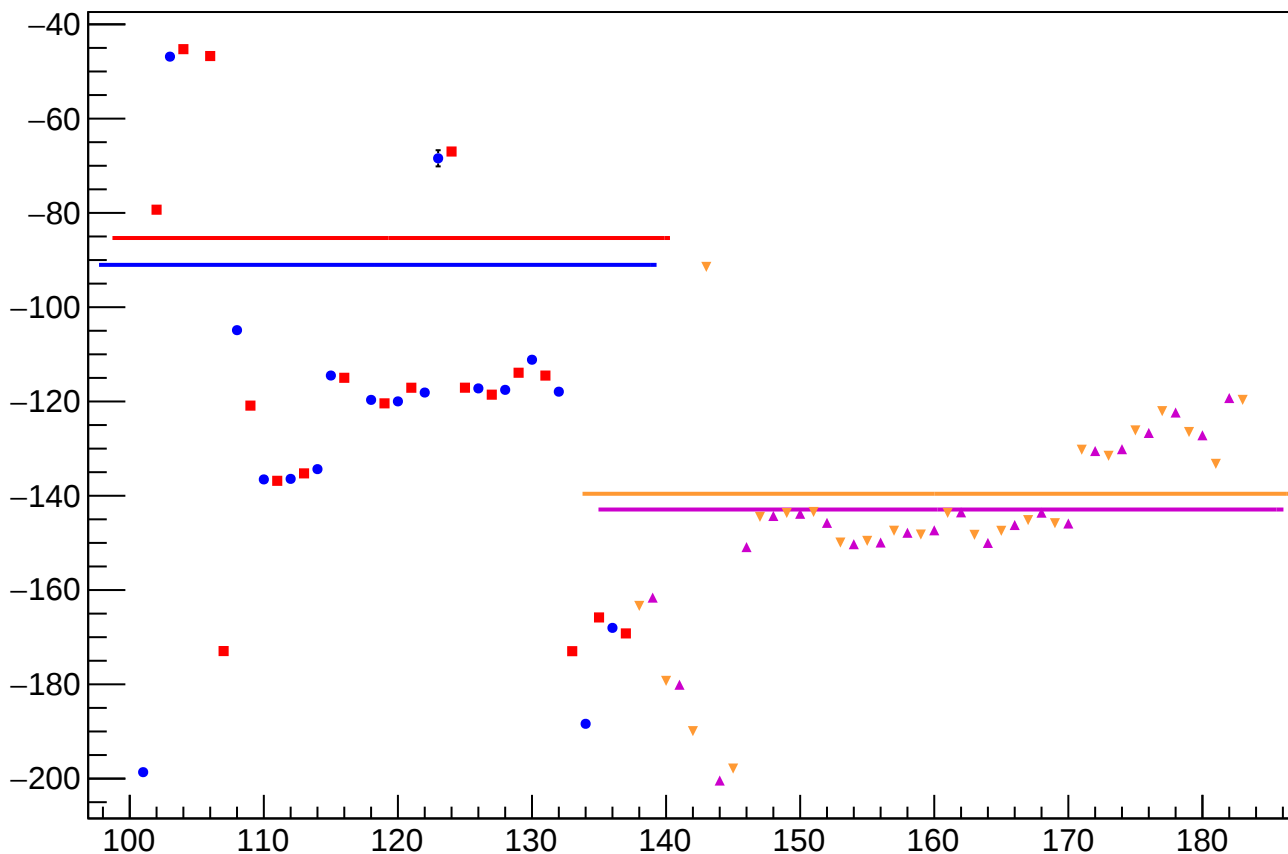
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 60.066 $\pm$ 0.792 χ^2 /NDF:1176.5/38

Out: 56.783 $\pm$ 0.753 χ^2 /NDF:1299.0/41

All: 58.342 $\pm$ 0.545 χ^2 /NDF: 2484.6/80

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021+/-0.068 χ^2/NDF : 534258.1/16

Left Out: -139.579+/-0.043 χ^2/NDF : 252062.6/23

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -142.919+/-0.045 χ^2/NDF : 138576.7/21

Left: -141.205+/-0.031 χ^2/NDF : 393522.0/45

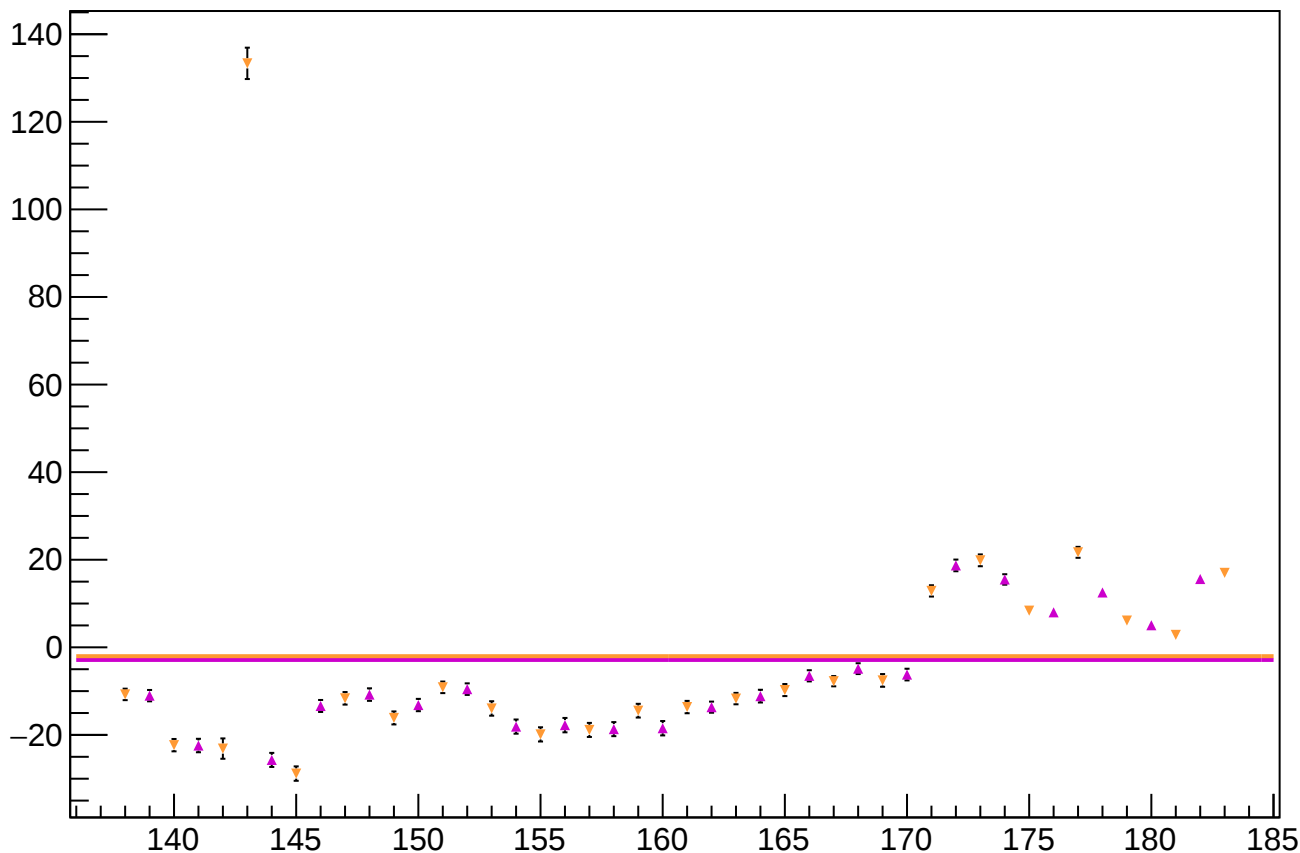
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -127.193+/-0.037 χ^2/NDF : 1083843.8/38

Out: -122.905+/-0.036 χ^2/NDF : 1215340.1/41

All: -124.986+/-0.026 χ^2/NDF : 2306020.0/80

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



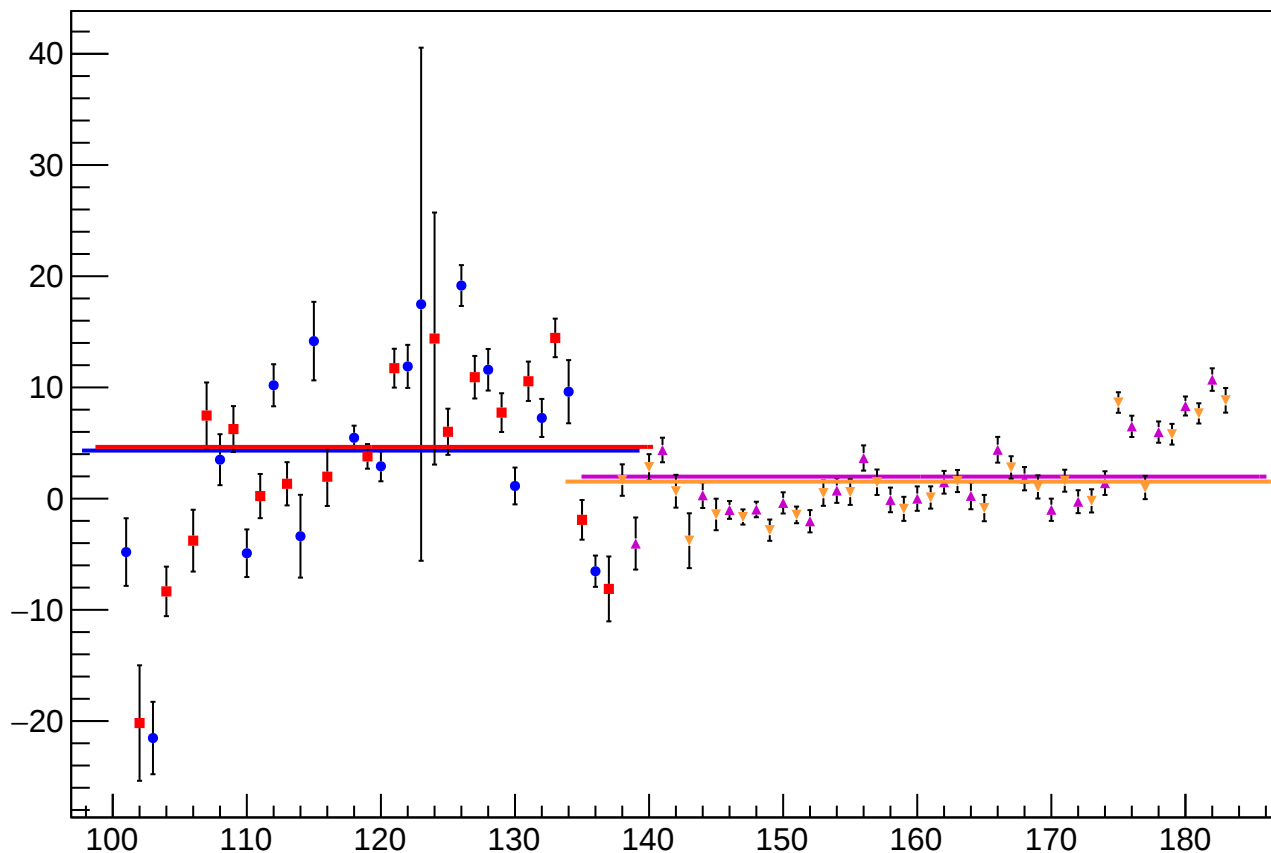
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.024+/-0.270 χ^2/NDF :4008.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.878+/-0.273 χ^2/NDF :2324.5/21

Left: -2.446+/-0.192 χ^2/NDF : 6337.6/45
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.878+/-0.273 χ^2/NDF :2324.5/21
 Out: -2.024+/-0.270 χ^2/NDF :4008.1/23

All: -2.446+/-0.192 χ^2/NDF : 6337.6/45

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.532 ± 0.212 χ^2/NDF : 255.8/23

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 1.979 ± 0.216 χ^2/NDF : 267.7/21

Left: 1.750 ± 0.151 χ^2/NDF : 525.7/45

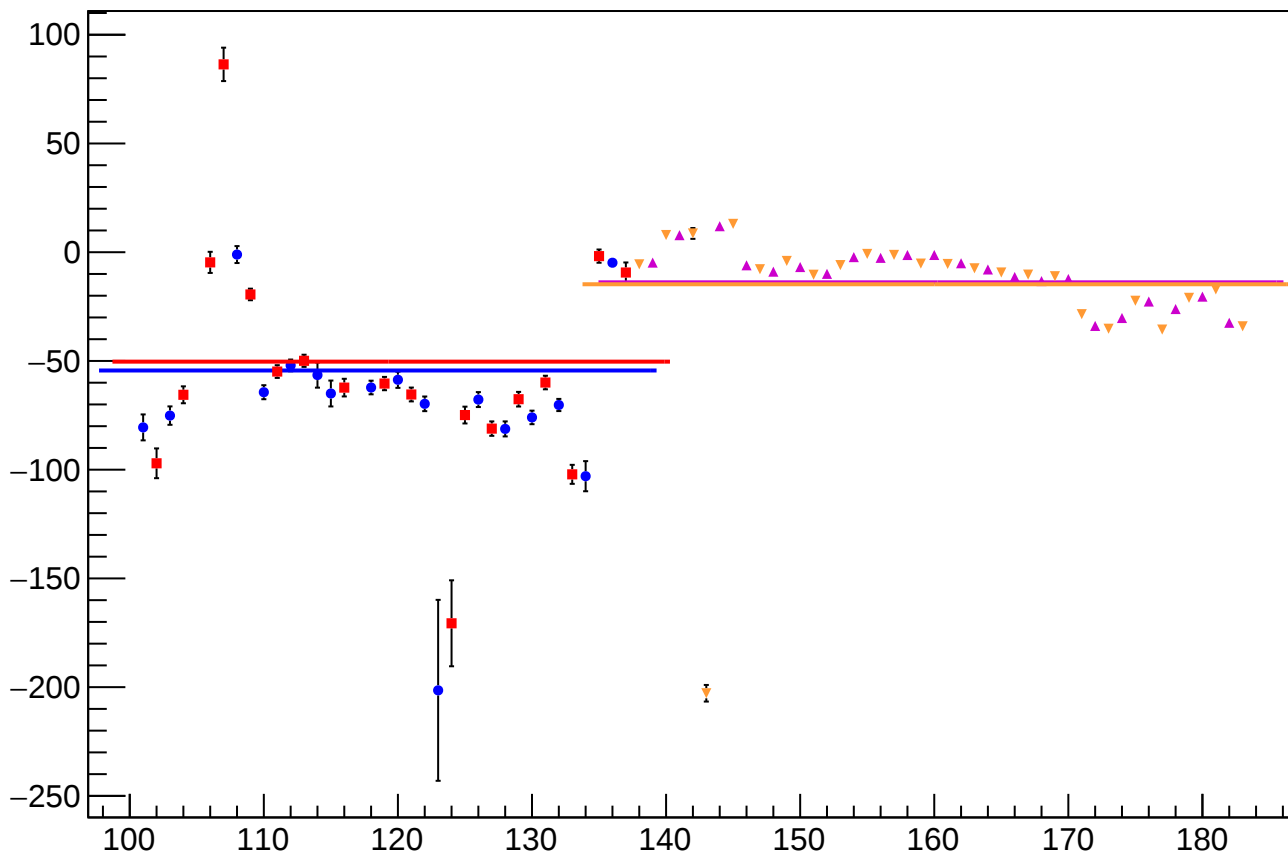
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 2.396 ± 0.196 χ^2/NDF : 568.9/38

Out: 2.050 ± 0.193 χ^2/NDF : 476.4/41

All: 2.220 ± 0.138 χ^2/NDF : 1046.8/80

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 χ^2/NDF : 1014.0/16

Left Out: -14.732 ± 0.269 χ^2/NDF : 4507.8/23

Right Out: -50.316 ± 0.858 χ^2/NDF : 1319.3/17

Left In: -13.844 ± 0.271 χ^2/NDF : 1850.6/21

Left: -14.292 ± 0.191 χ^2/NDF : 6363.9/45

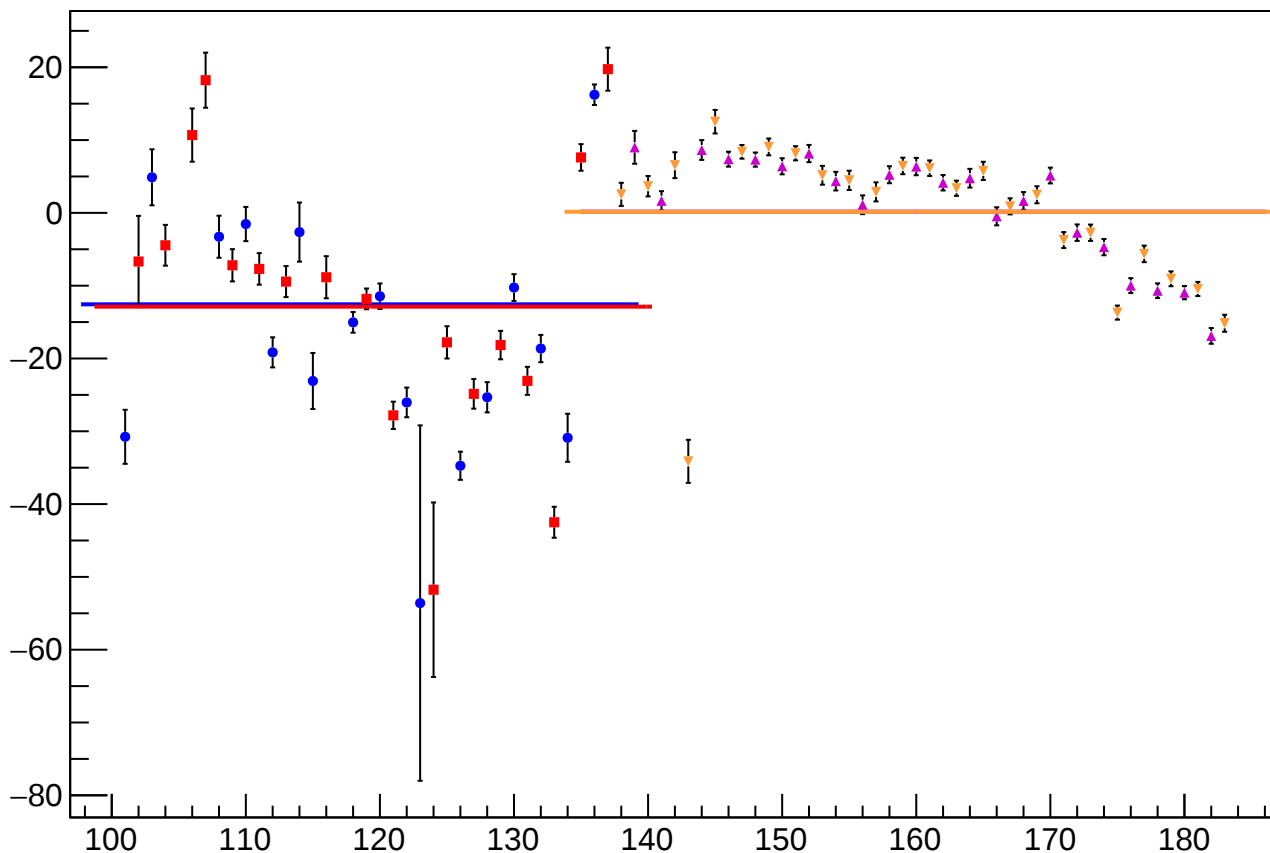
Right: -52.337 ± 0.609 χ^2/NDF : 2344.4/34

In: -17.468 ± 0.258 χ^2/NDF : 4867.4/38

Out: -17.905 ± 0.256 χ^2/NDF : 7392.7/41

All: -17.689 ± 0.182 χ^2/NDF : 12261.5/80

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: 0.152 ± 0.240 χ^2/NDF : 1167.6/23

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 0.172 ± 0.244 χ^2/NDF : 982.4/21

Left: 0.162 ± 0.171 χ^2/NDF : 2149.9/45

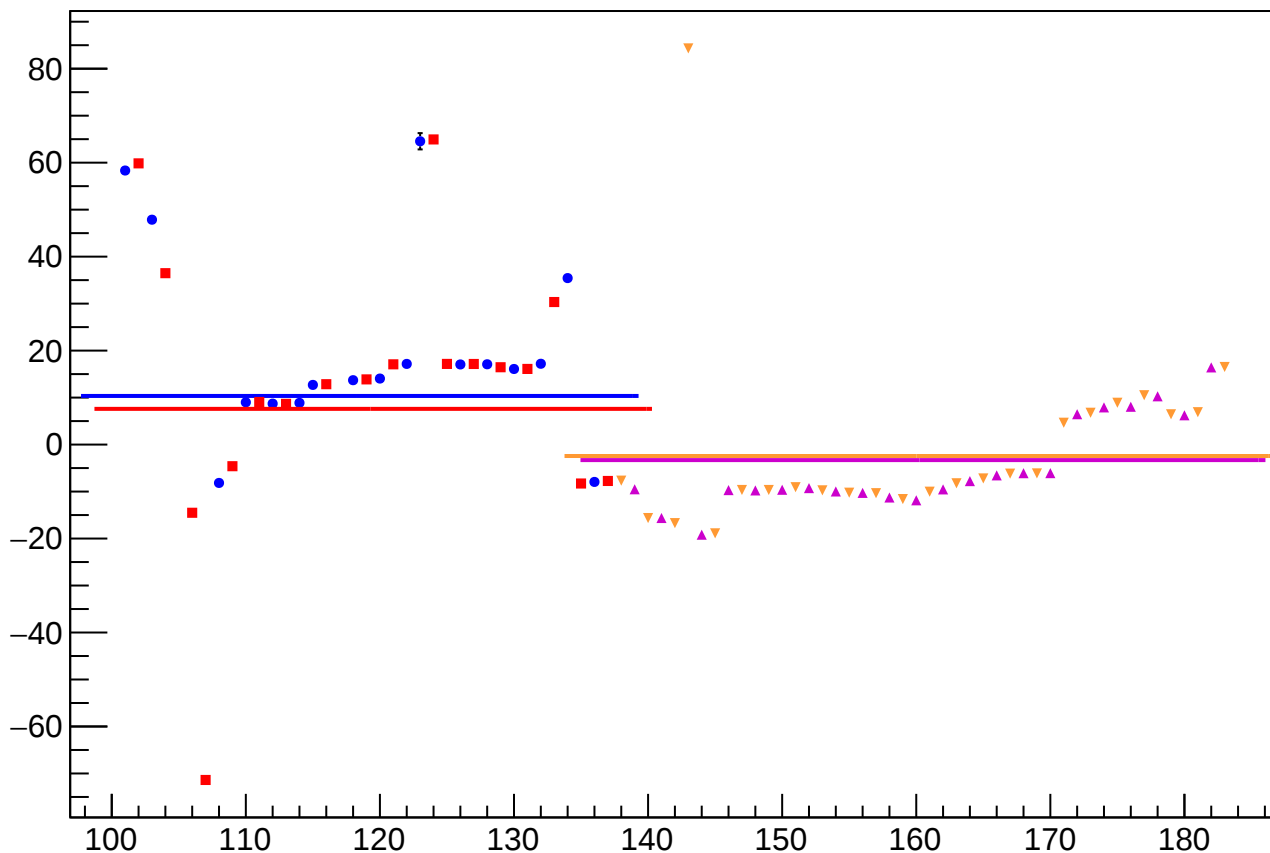
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -2.049 ± 0.222 χ^2/NDF : 2235.8/38

Out: -2.006 ± 0.219 χ^2/NDF : 2383.4/41

All: -2.027 ± 0.156 χ^2/NDF : 4619.2/80

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: -2.434+/-0.011 χ^2/NDF :1044875.5/23

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -3.304+/-0.011 χ^2/NDF :712309.1/21

Left: -2.868+/-0.008 χ^2/NDF : 1760298.7/45

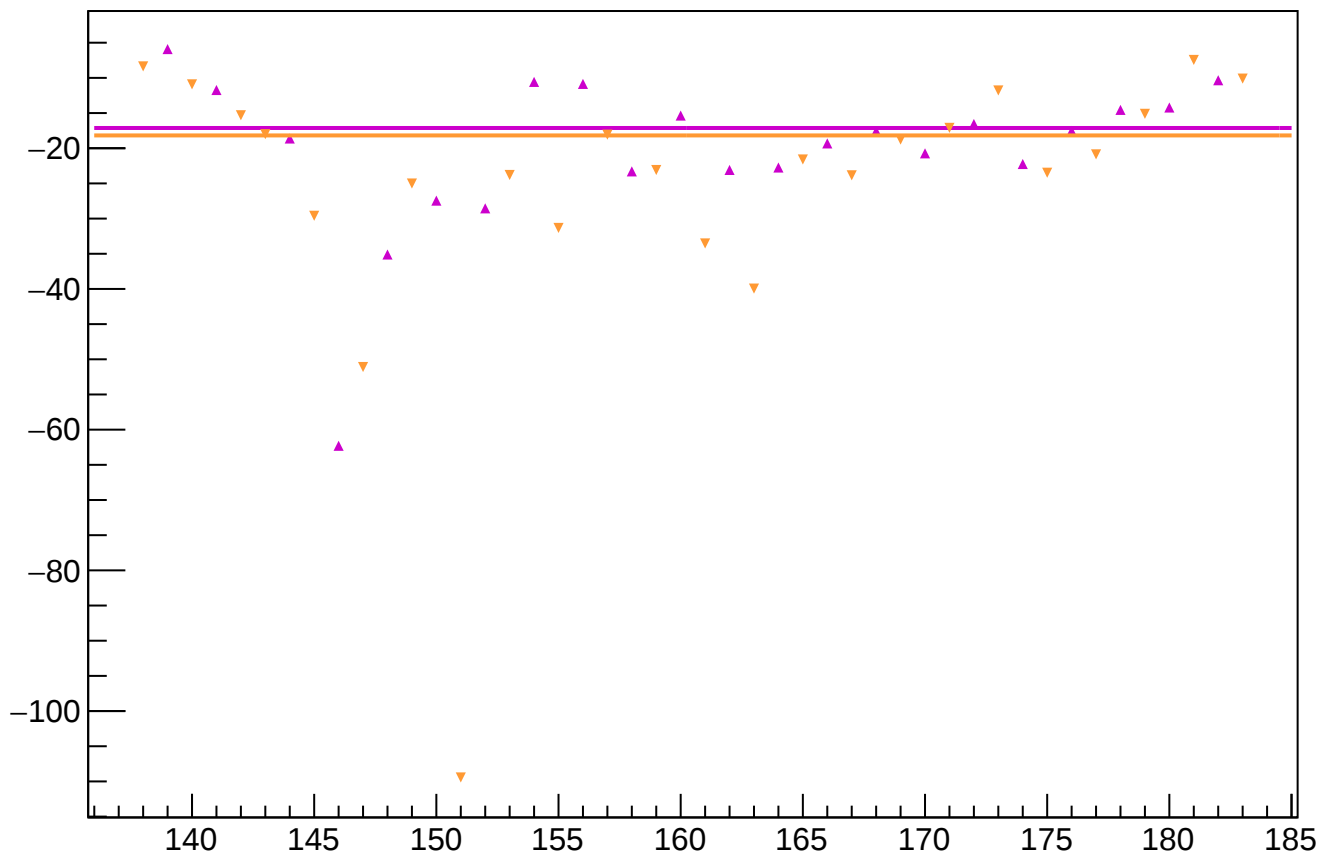
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -1.728+/-0.010 χ^2/NDF :1269538.2/38

Out: -1.327+/-0.010 χ^2/NDF :1674835.5/41

All: -1.527+/-0.007 χ^2/NDF : 2945118.6/80

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: -18.180+/-0.039 χ^2/NDF : 88474.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Left: -17.641+/-0.028 χ^2/NDF : 133078.3/45

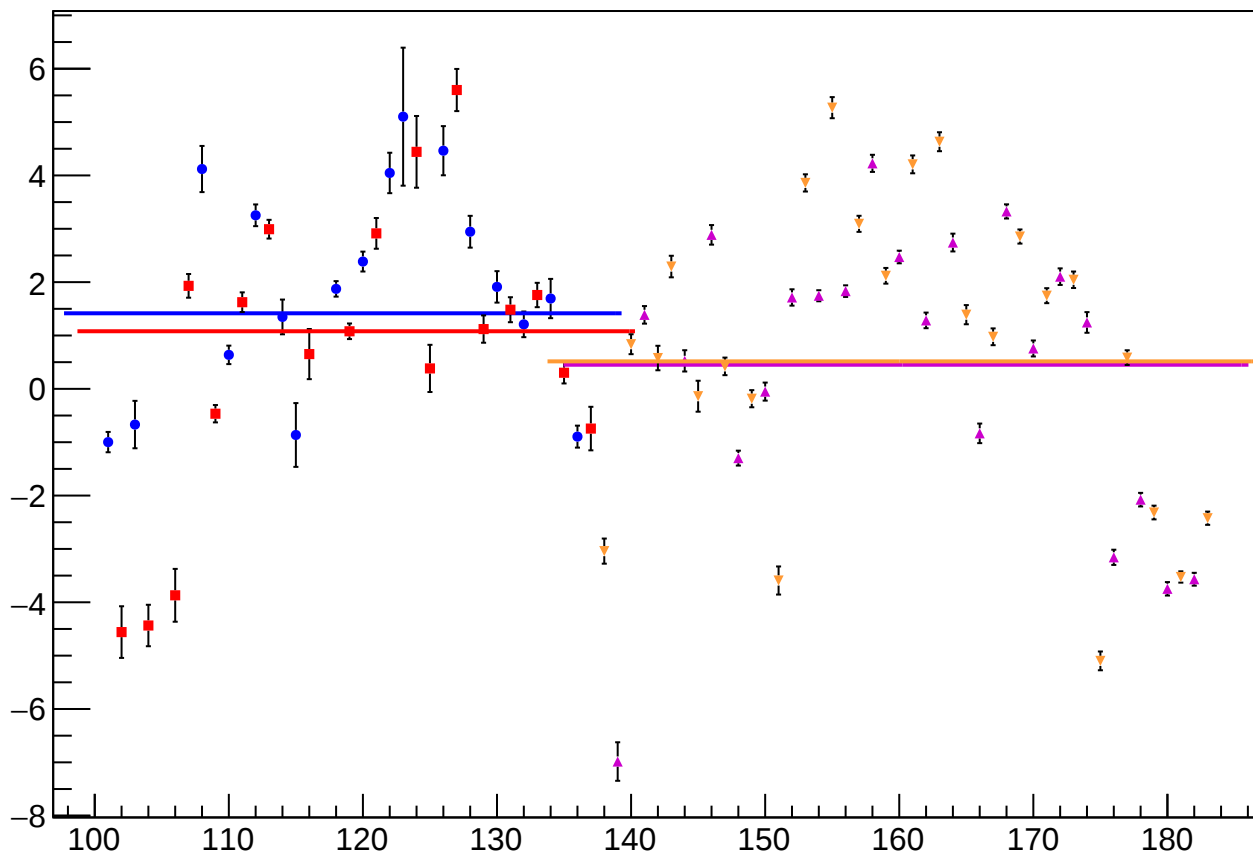
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Out: -18.180+/-0.039 χ^2/NDF : 88474.5/23

All: -17.641+/-0.028 χ^2/NDF : 133078.3/45

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.515 ± 0.033 χ^2/NDF : 7051.0/23

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.452 ± 0.031 χ^2/NDF : 6156.6/21

Left: 0.482 ± 0.023 χ^2/NDF : 13209.6/45

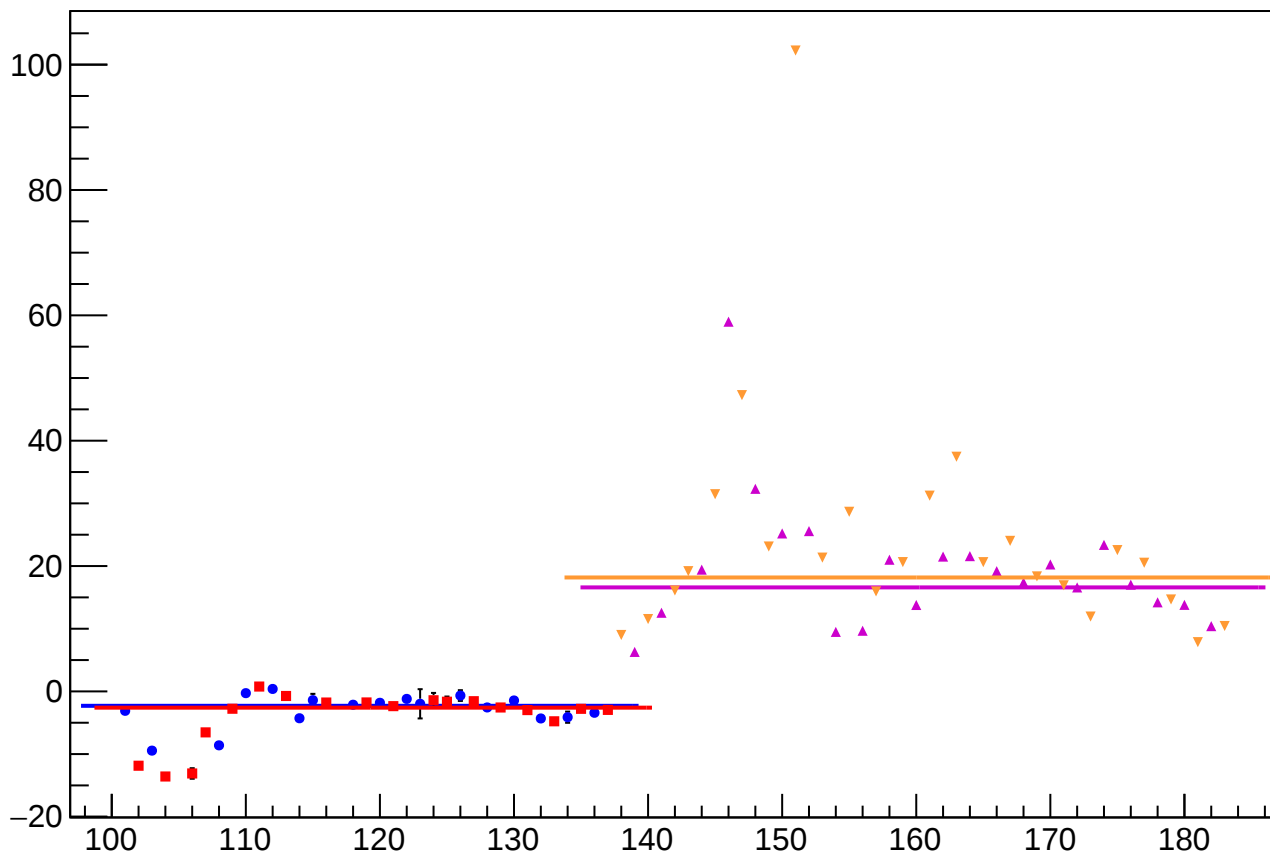
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.649 ± 0.028 χ^2/NDF : 6985.3/38

Out: 0.651 ± 0.029 χ^2/NDF : 8038.7/41

All: 0.650 ± 0.020 χ^2/NDF : 15024.0/80

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 18.177 ± 0.040 χ^2/NDF : 77817.9/23

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 16.593 ± 0.038 χ^2/NDF : 41026.7/21

Left: 17.358 ± 0.027 χ^2/NDF : 119673.9/45

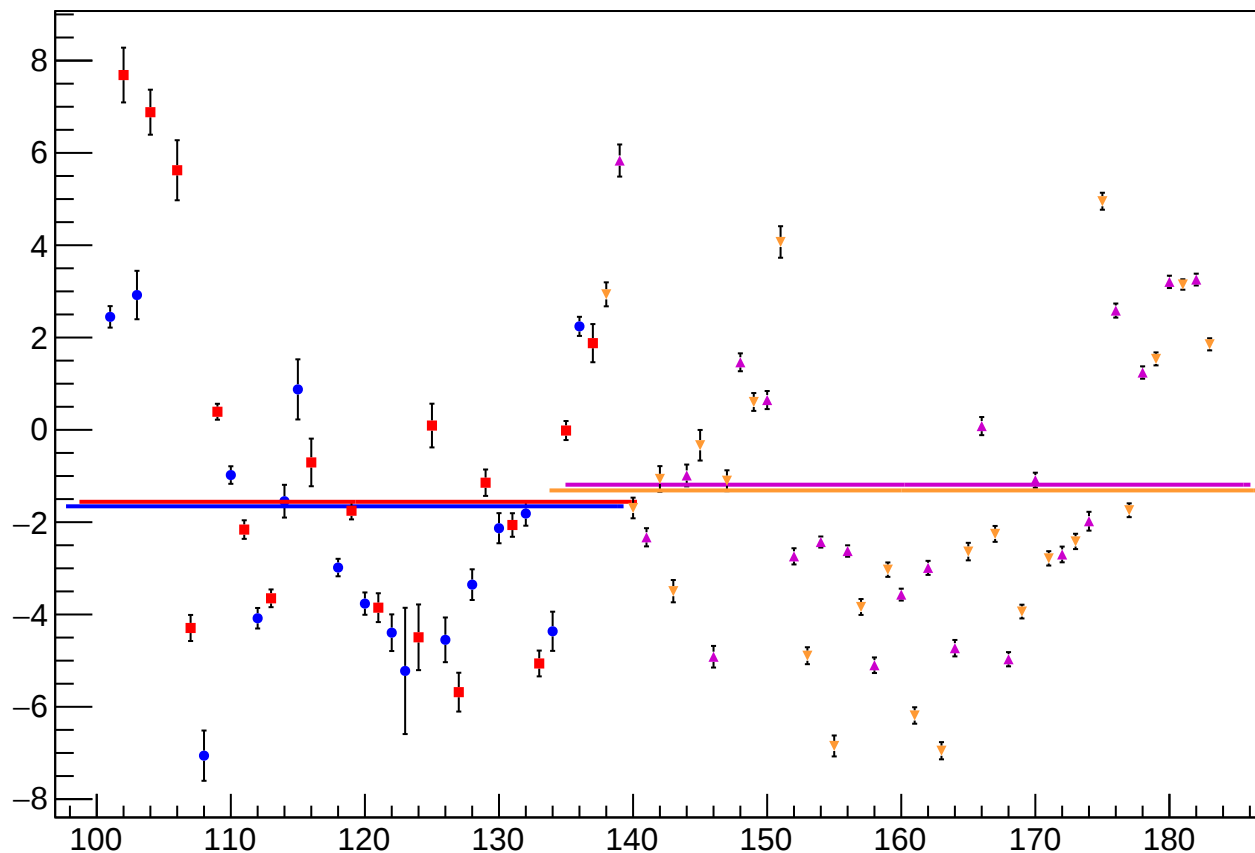
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.585 ± 0.036 χ^2/NDF : 67432.8/38

Out: 15.332 ± 0.037 χ^2/NDF : 116490.6/41

All: 14.953 ± 0.026 χ^2/NDF : 184133.3/80

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: -1.312 ± 0.036 χ^2/NDF : 7921.4/23

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -1.188 ± 0.034 χ^2/NDF : 6659.8/21

Left: -1.247 ± 0.025 χ^2/NDF : 14587.3/45

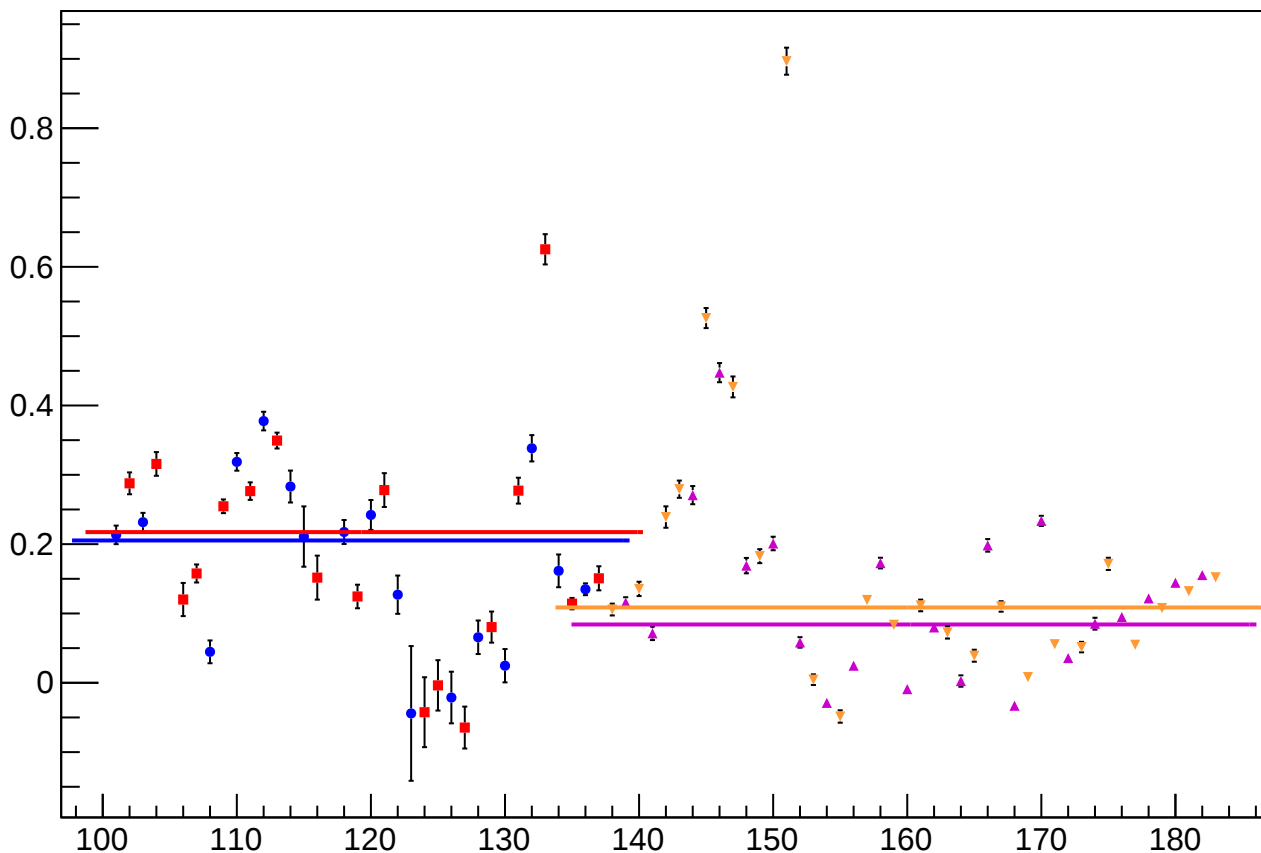
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.279 ± 0.031 χ^2/NDF : 7966.5/38

Out: -1.370 ± 0.032 χ^2/NDF : 9416.9/41

All: -1.323 ± 0.022 χ^2/NDF : 17387.7/80

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: 0.109 $\pm$ 0.002 χ^2 /NDF:4357.9/23

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.084 $\pm$ 0.002 χ^2 /NDF:3559.7/21

Left: 0.096 $\pm$ 0.001 χ^2 /NDF: 8039.3/45

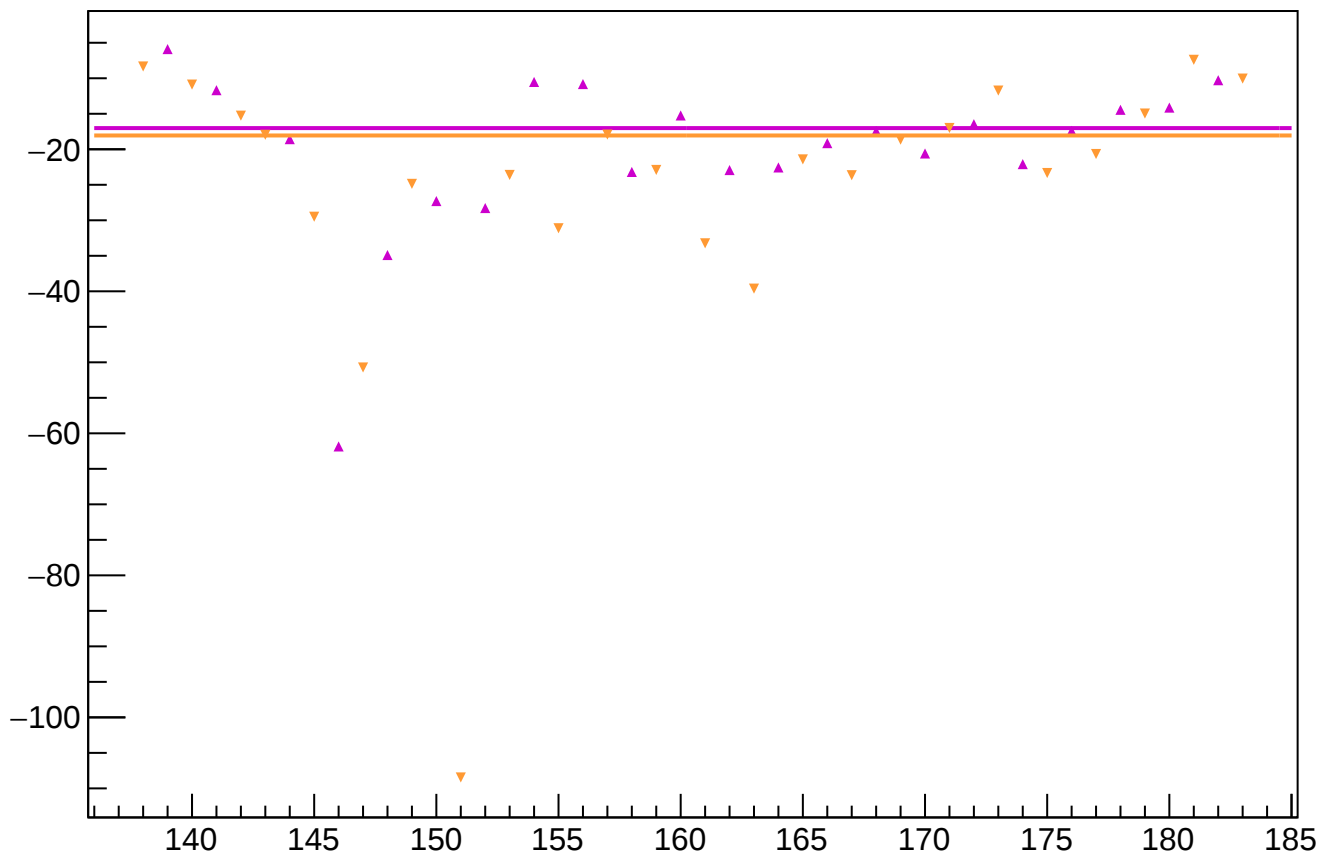
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.098 $\pm$ 0.001 χ^2 /NDF:4936.2/38

Out: 0.126 $\pm$ 0.001 χ^2 /NDF:6097.0/41

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 11214.7/80

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: -18.056+/-0.039 χ^2/NDF :88314.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.017+/-0.038 χ^2/NDF :44158.6/21

Left: -17.527+/-0.027 χ^2/NDF : 132832.1/45

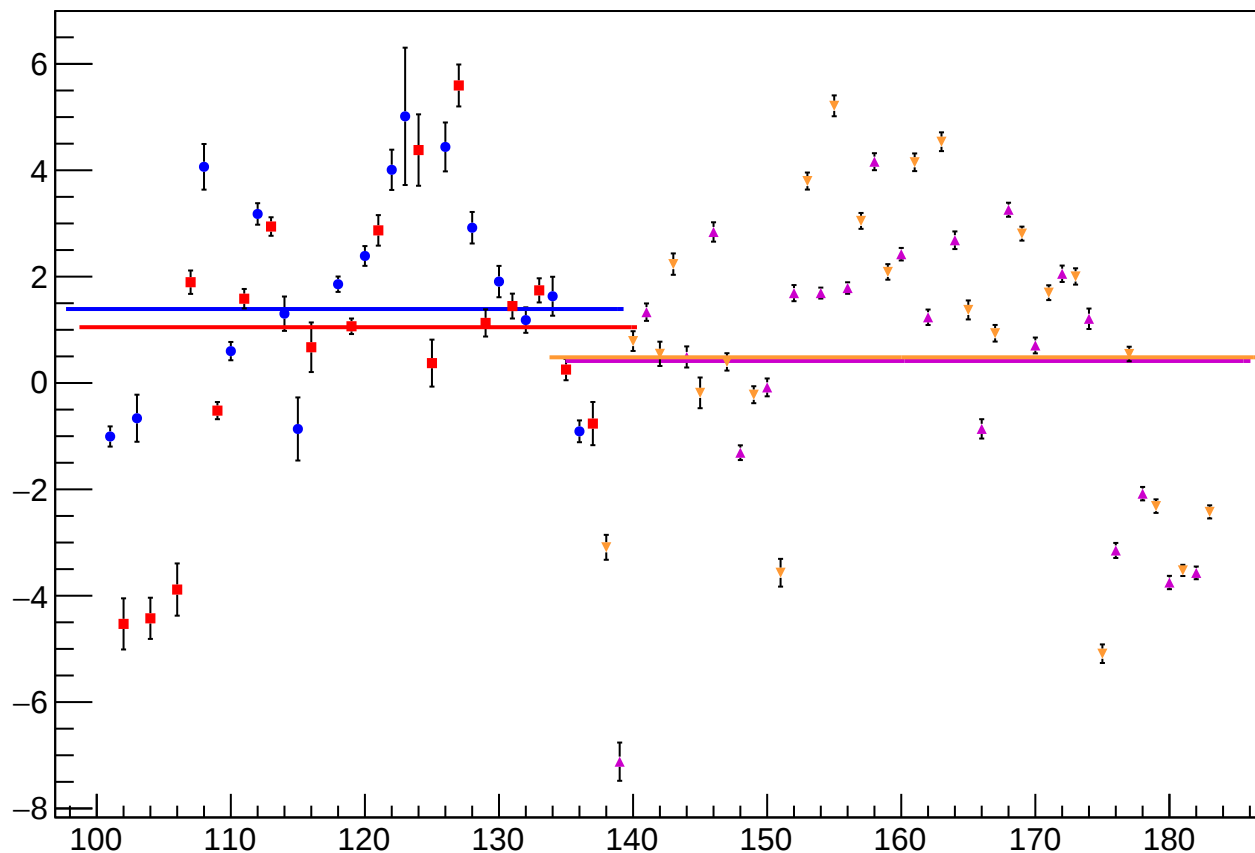
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.017+/-0.038 χ^2/NDF :44158.6/21

Out: -18.056+/-0.039 χ^2/NDF :88314.0/23

All: -17.527+/-0.027 χ^2/NDF : 132832.1/45

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.483 ± 0.032 $\chi^2/\text{NDF}: 7034.5/23$

Right Out: 1.049 ± 0.058 $\chi^2/\text{NDF}: 919.8/17$

Left In: 0.414 ± 0.031 $\chi^2/\text{NDF}: 6144.0/21$

Left: 0.447 ± 0.022 $\chi^2/\text{NDF}: 13180.9/45$

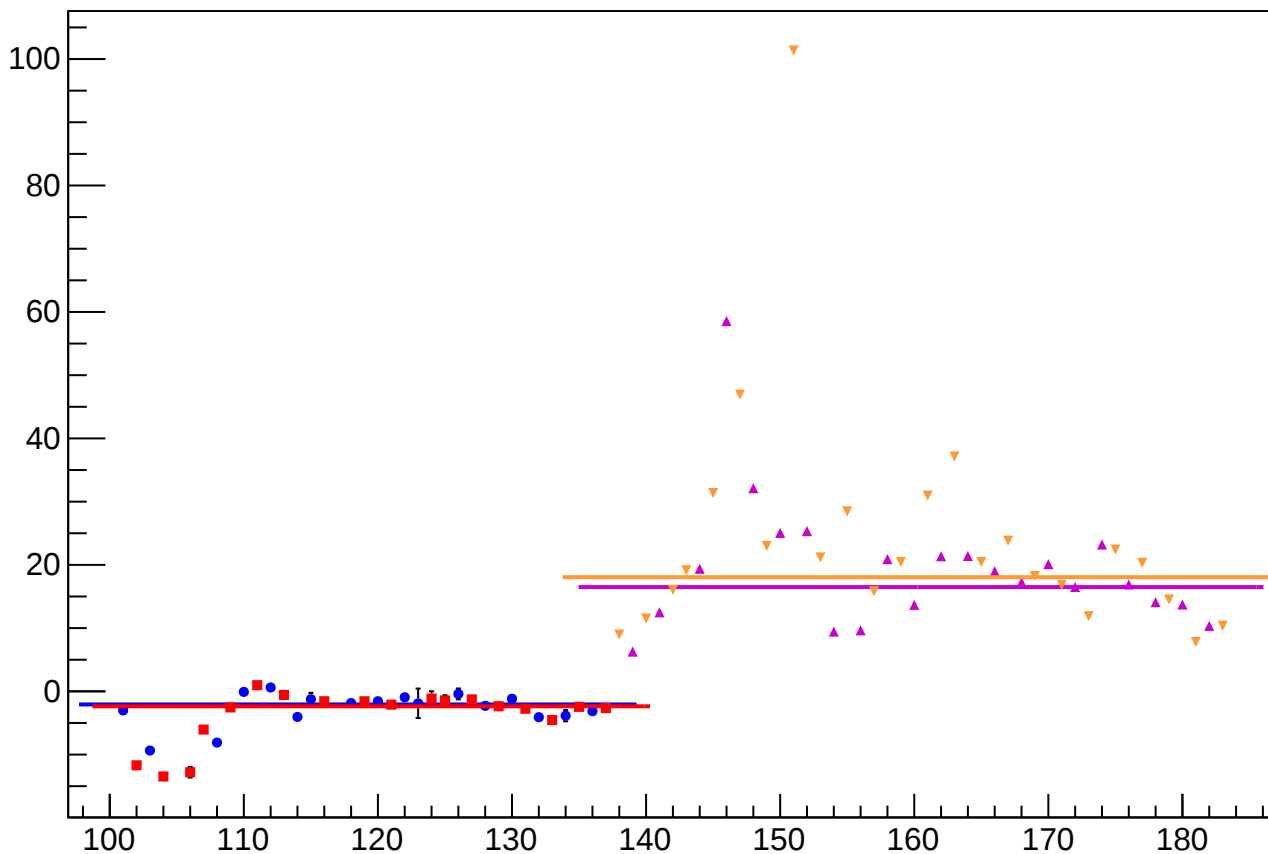
Right: 1.211 ± 0.042 $\chi^2/\text{NDF}: 1565.5/34$

In: 0.613 ± 0.027 $\chi^2/\text{NDF}: 6978.0/38$

Out: 0.619 ± 0.028 $\chi^2/\text{NDF}: 8027.0/41$

All: 0.616 ± 0.020 $\chi^2/\text{NDF}: 15005.0/80$

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: 18.053+/-0.039 χ^2/NDF : 77688.4/23

Right Out: -2.366+/-0.099 χ^2/NDF : 893.2/17

Left In: 16.493+/-0.038 χ^2/NDF : 40954.6/21

Left: 17.247+/-0.027 χ^2/NDF : 119458.9/45

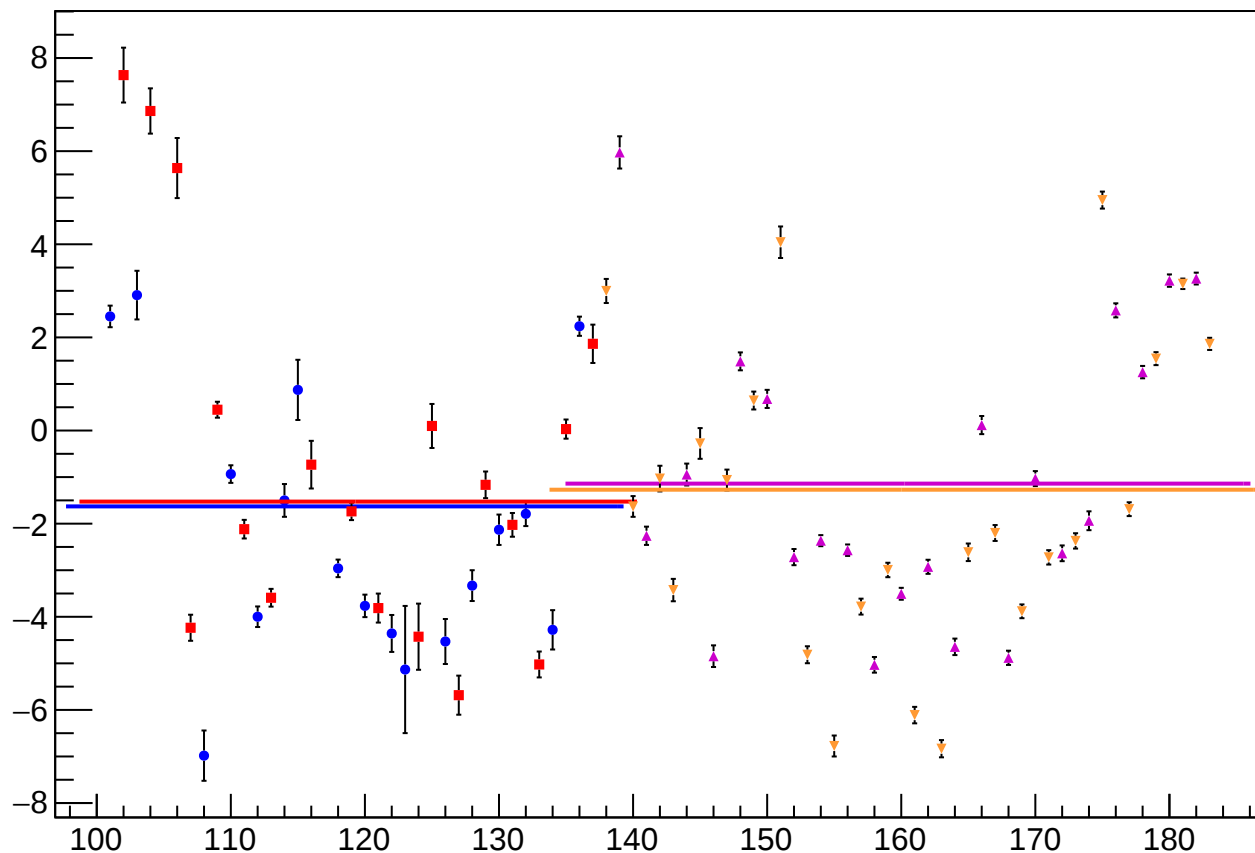
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 14.525+/-0.036 χ^2/NDF : 66739.7/38

Out: 15.265+/-0.036 χ^2/NDF : 115505.0/41

All: 14.889+/-0.026 χ^2/NDF : 182453.3/80

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: -1.271 ± 0.036 χ^2/NDF : 7902.0/23

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.140 ± 0.034 χ^2/NDF : 6645.2/21

Left: -1.202 ± 0.025 χ^2/NDF : 14554.1/45

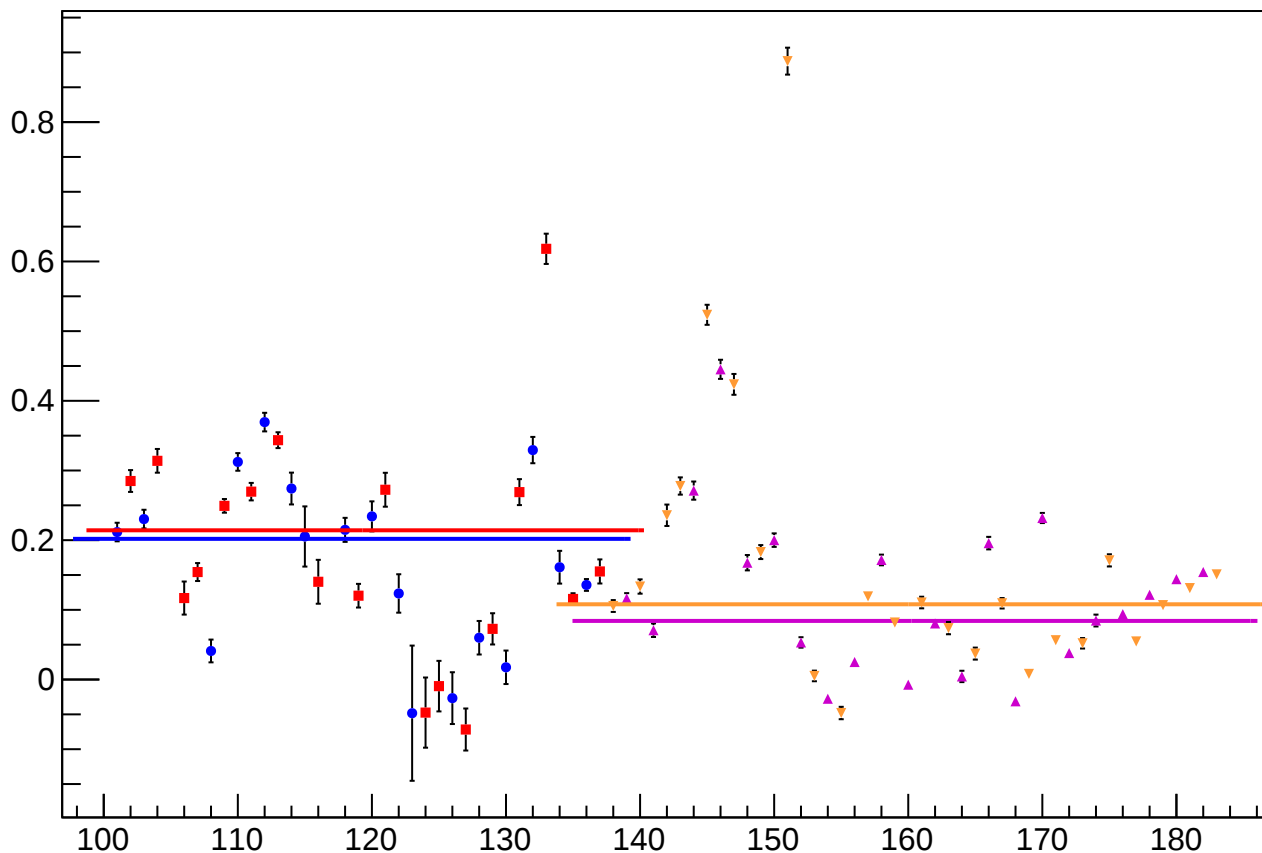
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.234 ± 0.031 χ^2/NDF : 7950.9/38

Out: -1.330 ± 0.032 χ^2/NDF : 9401.9/41

All: -1.281 ± 0.022 χ^2/NDF : 17357.5/80

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.108 ± 0.002 χ^2/NDF : 4348.9/23

Right Out: 0.214 ± 0.004 χ^2/NDF : 1001.6/17

Left In: 0.084 ± 0.002 χ^2/NDF : 3529.3/21

Left: 0.095 ± 0.001 χ^2/NDF : 7994.9/45

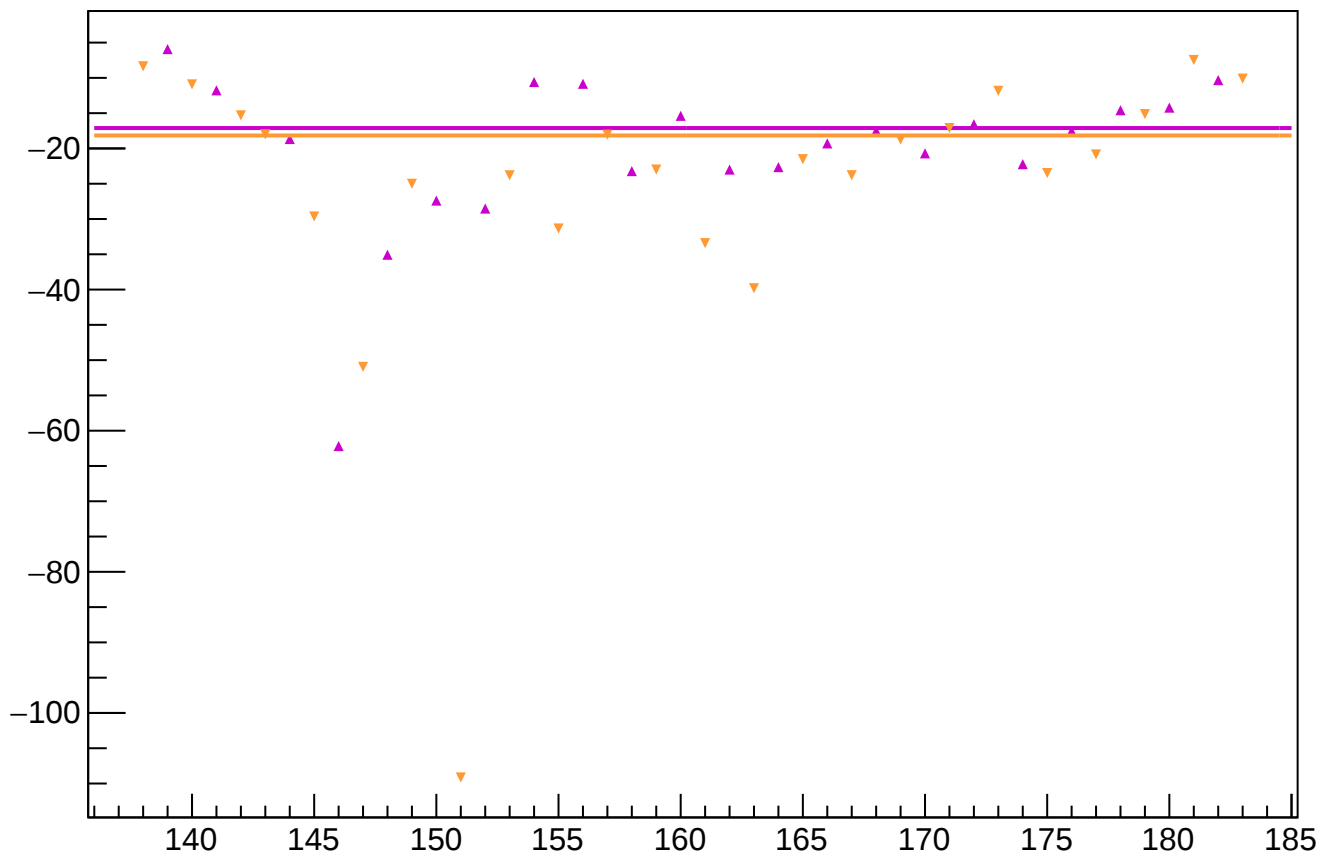
Right: 0.209 ± 0.003 χ^2/NDF : 1611.2/34

In: 0.098 ± 0.001 χ^2/NDF : 4855.2/38

Out: 0.125 ± 0.001 χ^2/NDF : 6044.7/41

All: 0.111 ± 0.001 χ^2/NDF : 11074.6/80

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: -18.166+/-0.039 χ^2/NDF : 88447.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Left: -17.628+/-0.028 χ^2/NDF : 133046.0/45

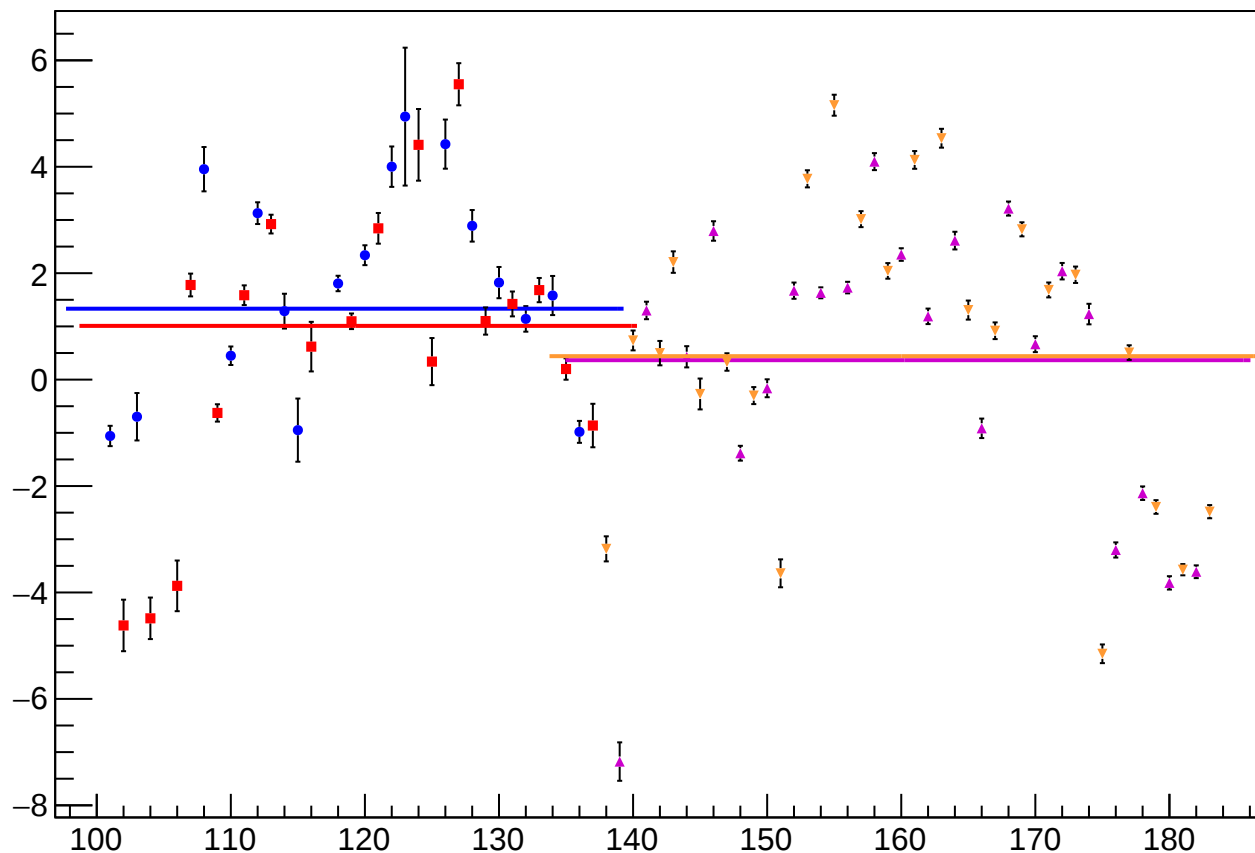
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Out: -18.166+/-0.039 χ^2/NDF : 88447.8/23

All: -17.628+/-0.028 χ^2/NDF : 133046.0/45

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.441 ± 0.033 χ^2/NDF : 7058.1/23

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.365 ± 0.031 χ^2/NDF : 6110.0/21

Left: 0.401 ± 0.022 χ^2/NDF : 13170.9/45

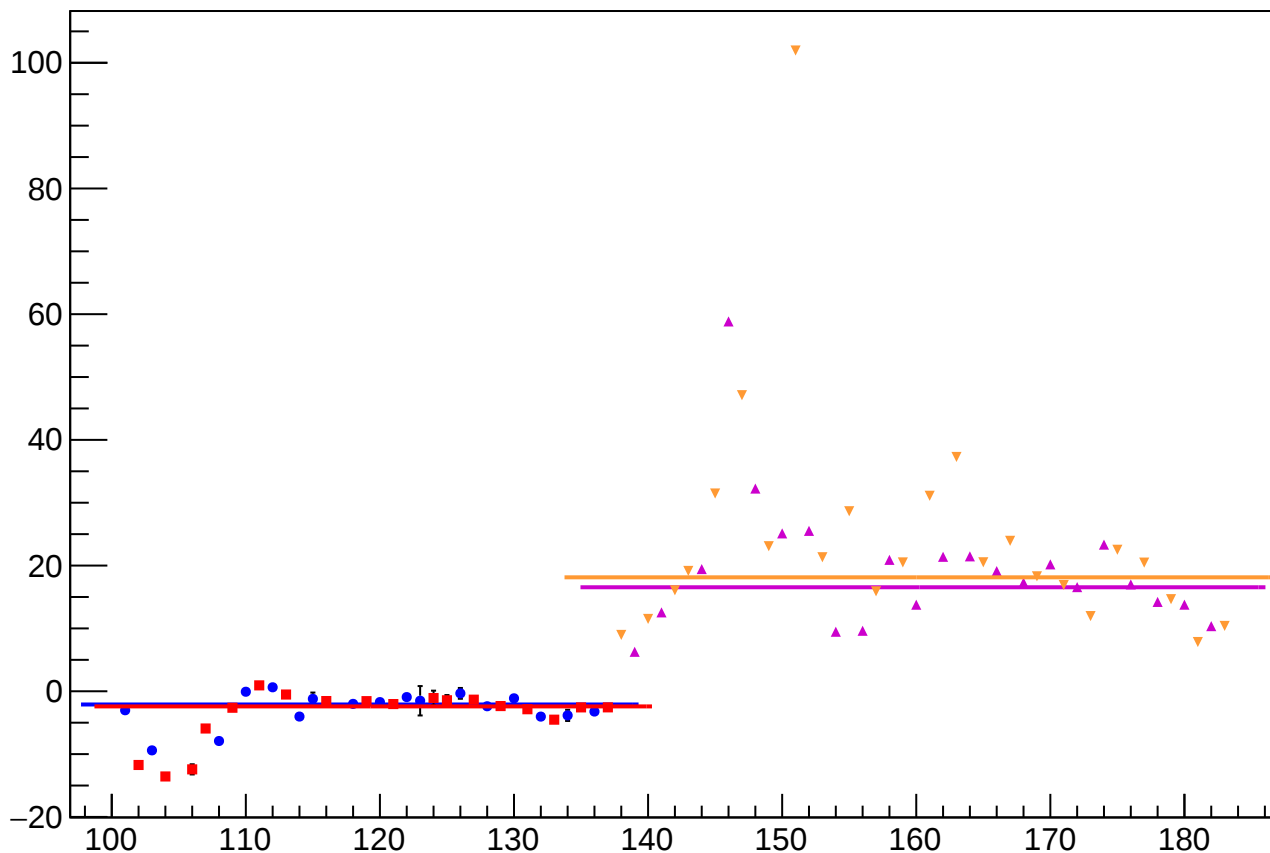
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.562 ± 0.028 χ^2/NDF : 6943.8/38

Out: 0.577 ± 0.028 χ^2/NDF : 8061.4/41

All: 0.570 ± 0.020 χ^2/NDF : 15005.3/80

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: 18.129 ± 0.039 χ^2/NDF : 77806.9/23

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 16.548 ± 0.038 χ^2/NDF : 41034.1/21

Left: 17.312 ± 0.027 χ^2/NDF : 119672.1/45

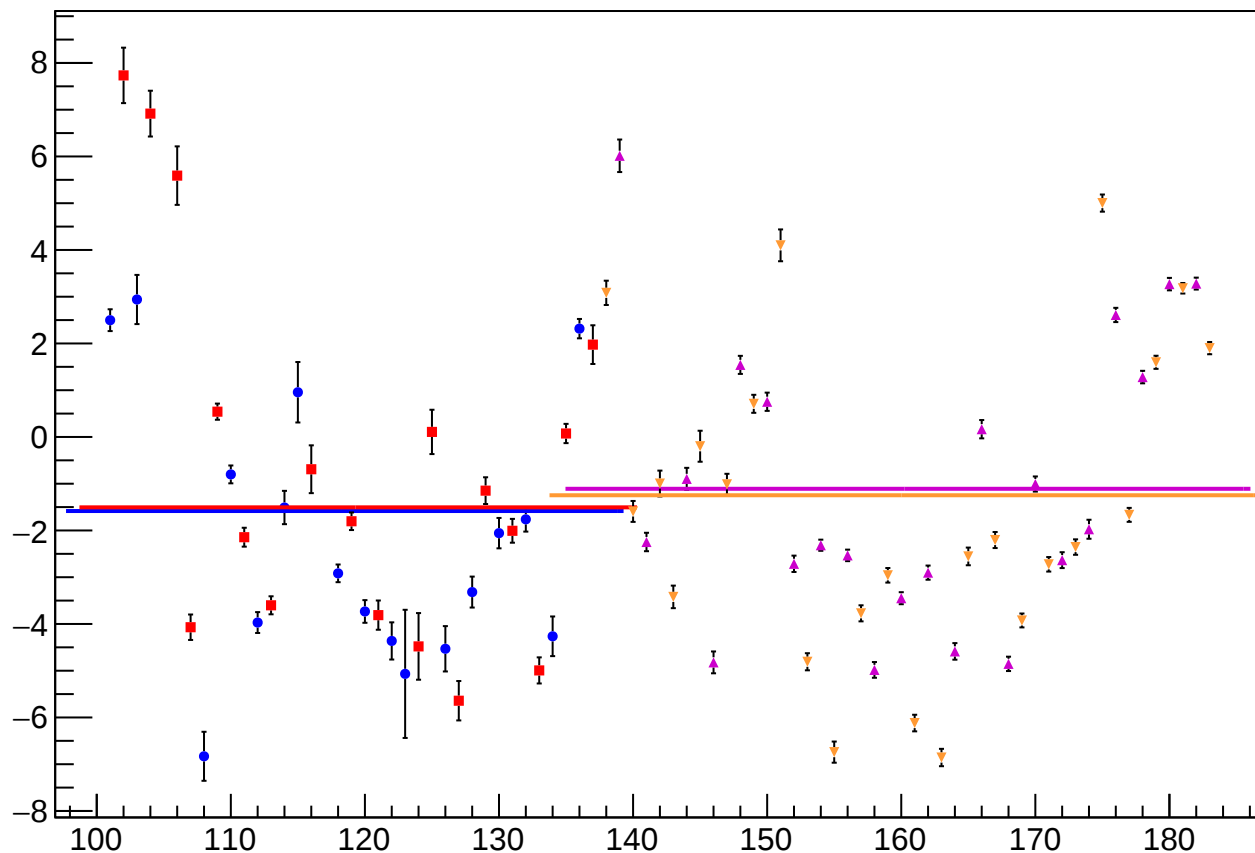
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 14.577 ± 0.036 χ^2/NDF : 66783.0/38

Out: 15.327 ± 0.037 χ^2/NDF : 115691.6/41

All: 14.946 ± 0.026 χ^2/NDF : 182687.8/80

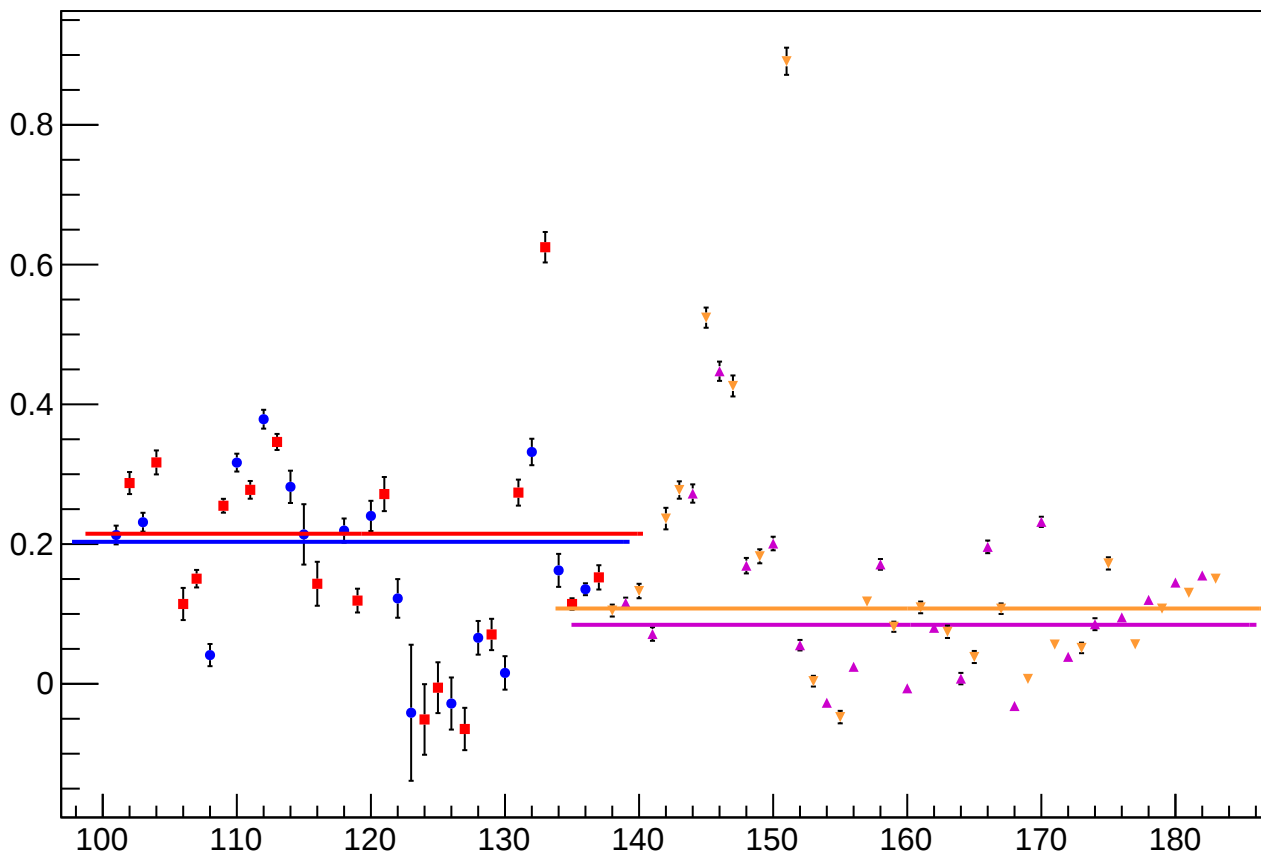
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -1.247 ± 0.036 $\chi^2/\text{NDF}: 7929.4/23$
 Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$
 Left In: -1.109 ± 0.034 $\chi^2/\text{NDF}: 6598.1/21$

Left: -1.174 ± 0.025 $\chi^2/\text{NDF}: 14535.1/45$
 Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$
 In: -1.200 ± 0.031 $\chi^2/\text{NDF}: 7907.0/38$
 Out: -1.307 ± 0.032 $\chi^2/\text{NDF}: 9441.1/41$
 All: -1.252 ± 0.022 $\chi^2/\text{NDF}: 17354.0/80$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.108 $\pm$ 0.002 χ^2 /NDF:4330.9/23

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.084 $\pm$ 0.002 χ^2 /NDF:3506.6/21

Left: 0.095 $\pm$ 0.001 χ^2 /NDF: 7948.3/45

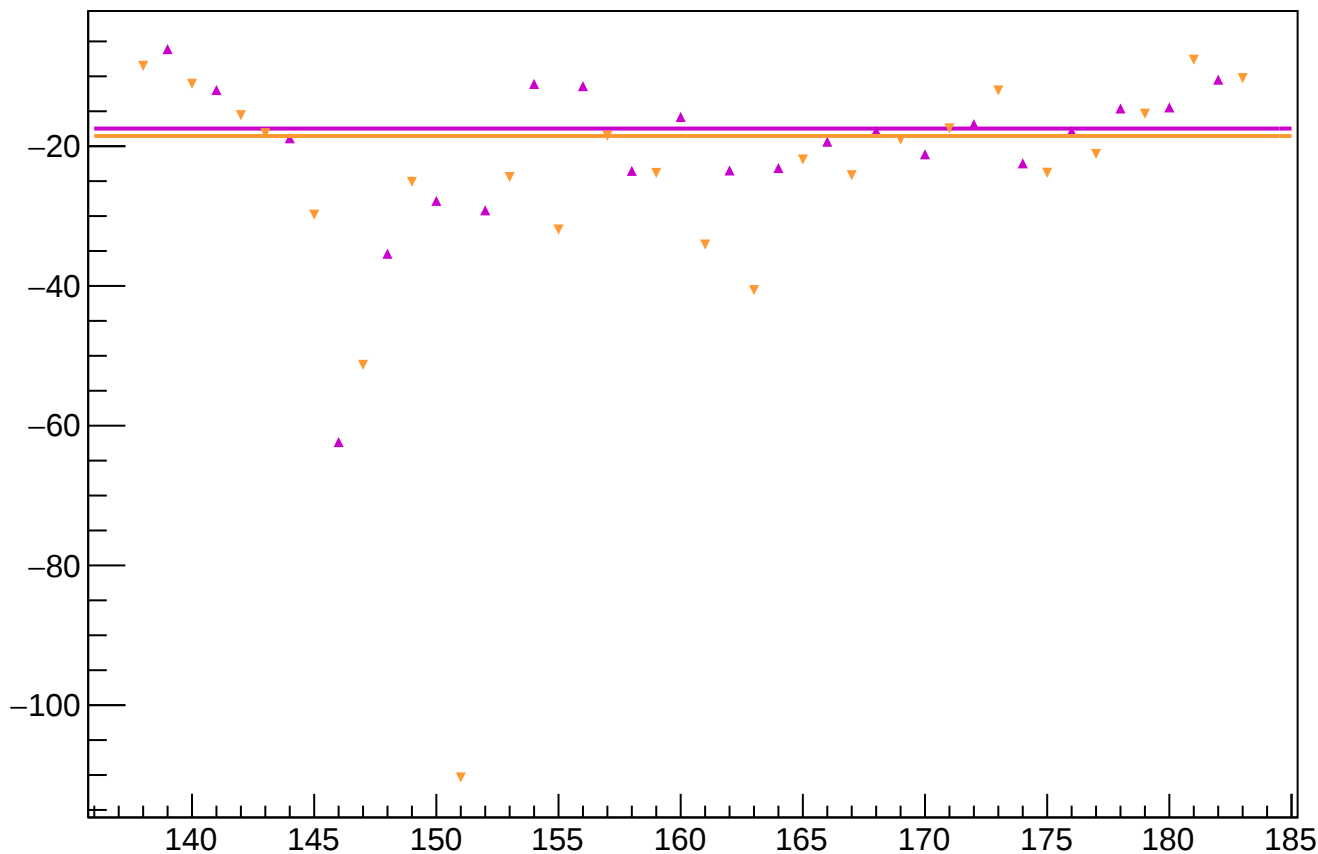
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.098 $\pm$ 0.001 χ^2 /NDF:4867.8/38

Out: 0.125 $\pm$ 0.001 χ^2 /NDF:6065.7/41

All: 0.111 $\pm$ 0.001 χ^2 /NDF: 11101.2/80

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: -18.539+/-0.040 χ^2/NDF : 87786.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Left: -17.997+/-0.028 χ^2/NDF : 131436.0/45

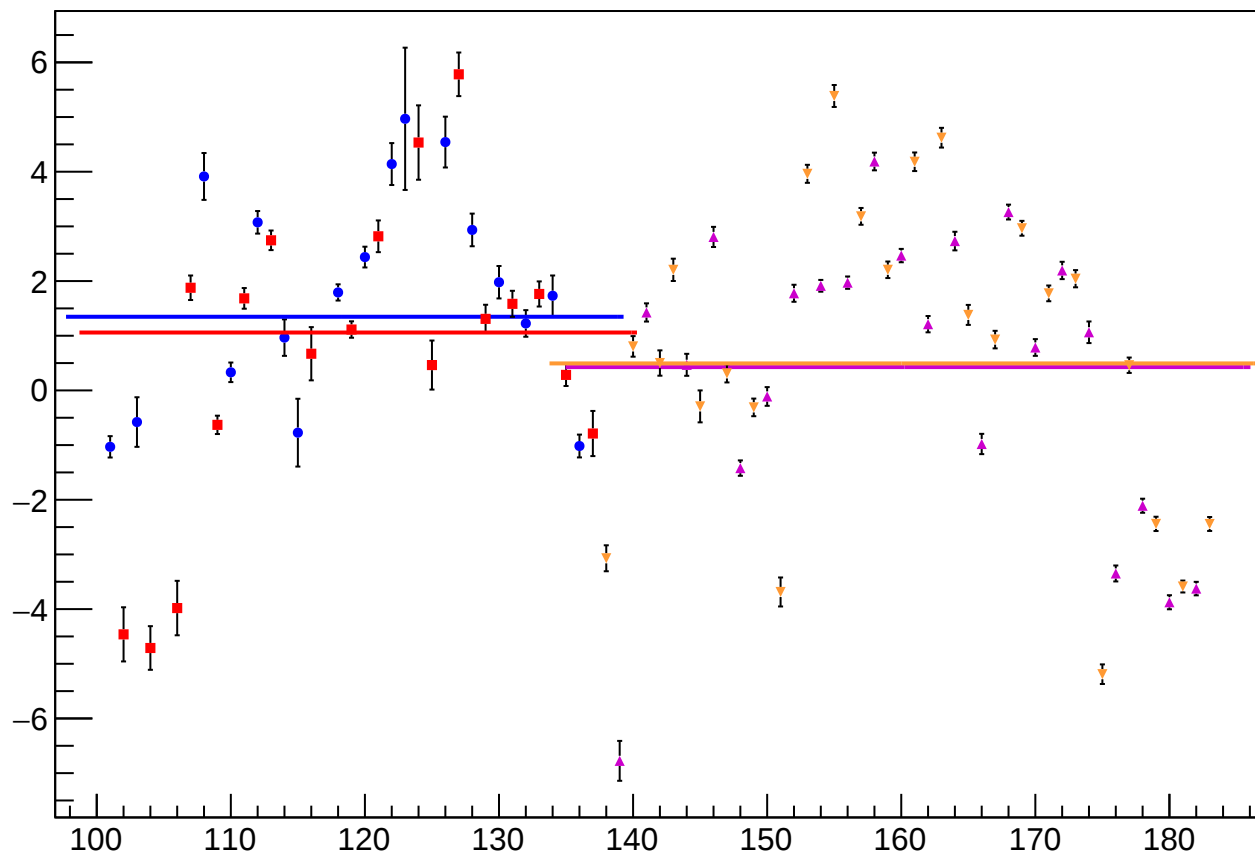
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Out: -18.539+/-0.040 χ^2/NDF : 87786.8/23

All: -17.997+/-0.028 χ^2/NDF : 131436.0/45

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: 0.494 $\pm$ 0.033 χ^2 /NDF: 7022.3/23

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 0.427 $\pm$ 0.032 χ^2 /NDF: 6140.4/21

Left: 0.458 $\pm$ 0.023 χ^2 /NDF: 13164.8/45

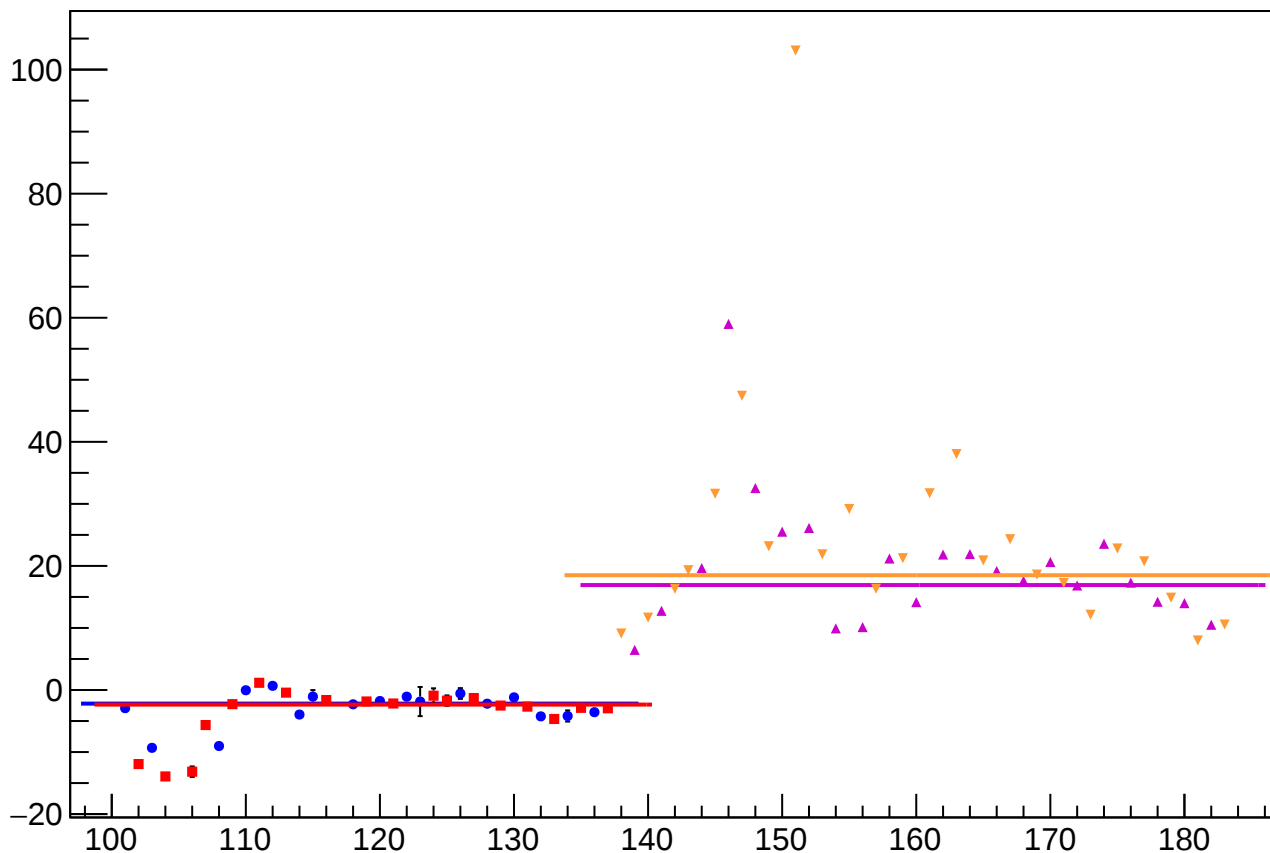
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 0.616 $\pm$ 0.028 χ^2 /NDF: 6944.0/38

Out: 0.629 $\pm$ 0.029 χ^2 /NDF: 7996.6/41

All: 0.622 $\pm$ 0.020 χ^2 /NDF: 14940.8/80

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 χ^2/NDF : 463.5/16

Left Out: 18.500 ± 0.040 χ^2/NDF : 77185.5/23

Right Out: -2.350 ± 0.101 χ^2/NDF : 908.5/17

Left In: 16.916 ± 0.039 χ^2/NDF : 39961.3/21

Left: 17.682 ± 0.028 χ^2/NDF : 117943.5/45

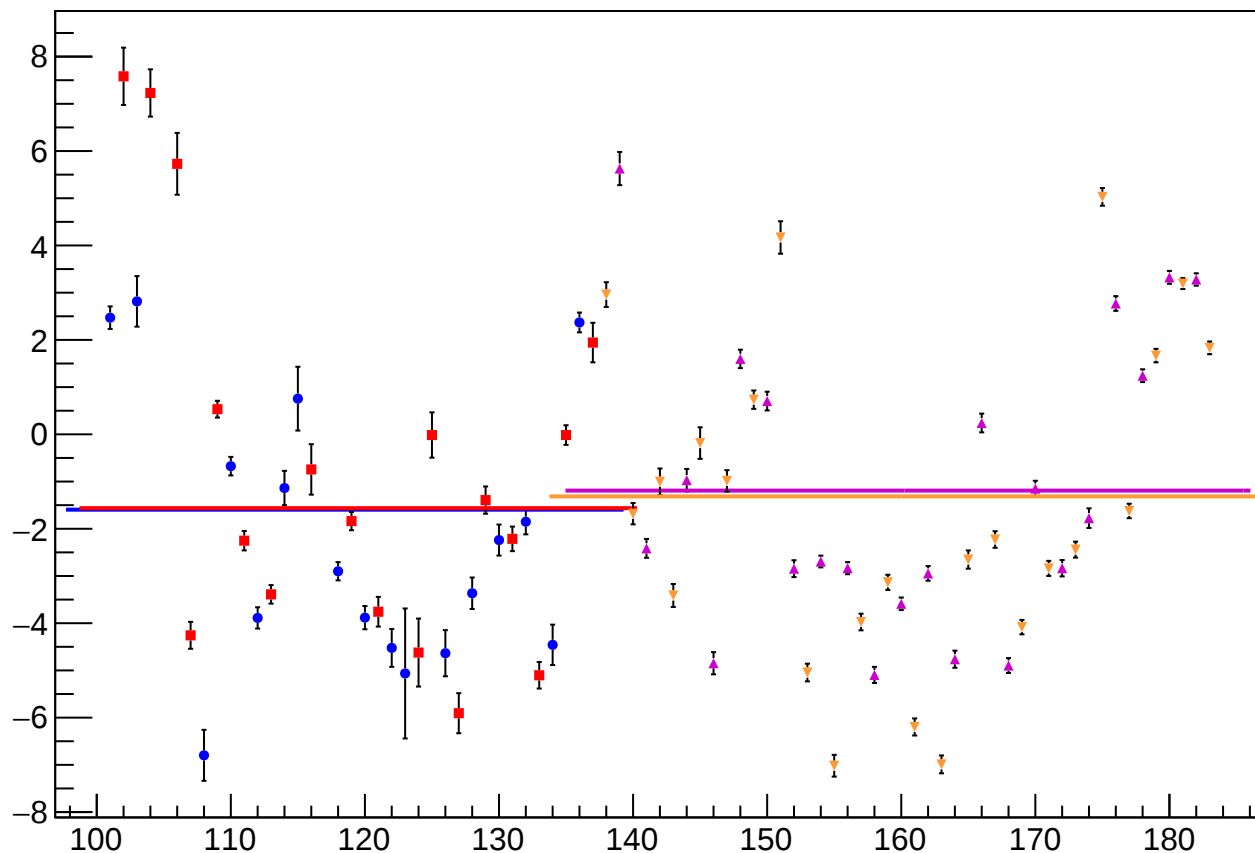
Right: -2.280 ± 0.075 χ^2/NDF : 1373.0/34

In: 14.875 ± 0.037 χ^2/NDF : 66037.3/38

Out: 15.649 ± 0.037 χ^2/NDF : 114635.9/41

All: 15.255 ± 0.026 χ^2/NDF : 180889.8/80

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.315 ± 0.037 $\chi^2/\text{NDF}: 7886.8/23$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -1.191 ± 0.035 $\chi^2/\text{NDF}: 6628.0/21$

Left: -1.250 ± 0.026 $\chi^2/\text{NDF}: 14520.6/45$

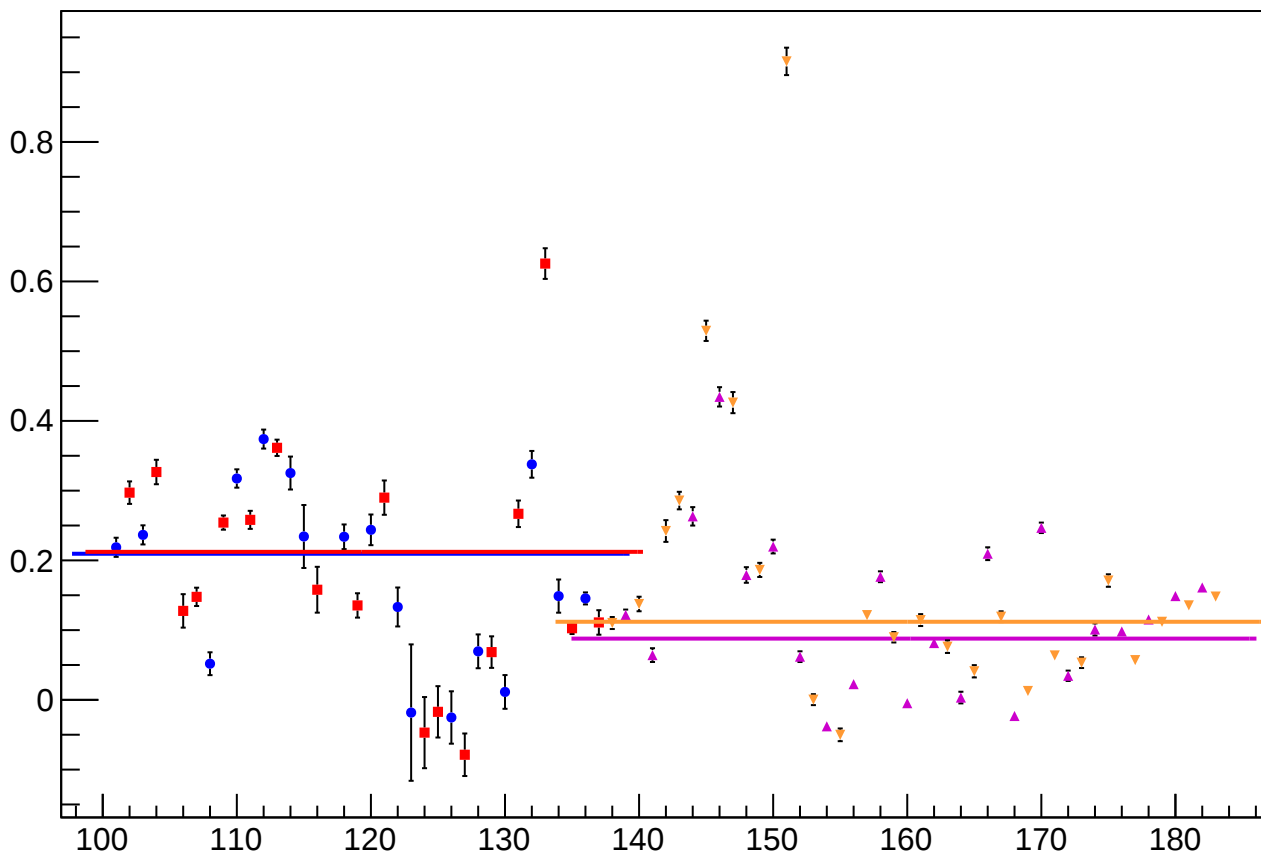
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.270 ± 0.032 $\chi^2/\text{NDF}: 7909.0/38$

Out: -1.373 ± 0.032 $\chi^2/\text{NDF}: 9359.2/41$

All: -1.320 ± 0.023 $\chi^2/\text{NDF}: 17273.4/80$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.112 $\pm$ 0.002 χ^2 /NDF: 4338.8/23

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.088 $\pm$ 0.002 χ^2 /NDF: 3584.0/21

Left: 0.099 $\pm$ 0.001 χ^2 /NDF: 8035.8/45

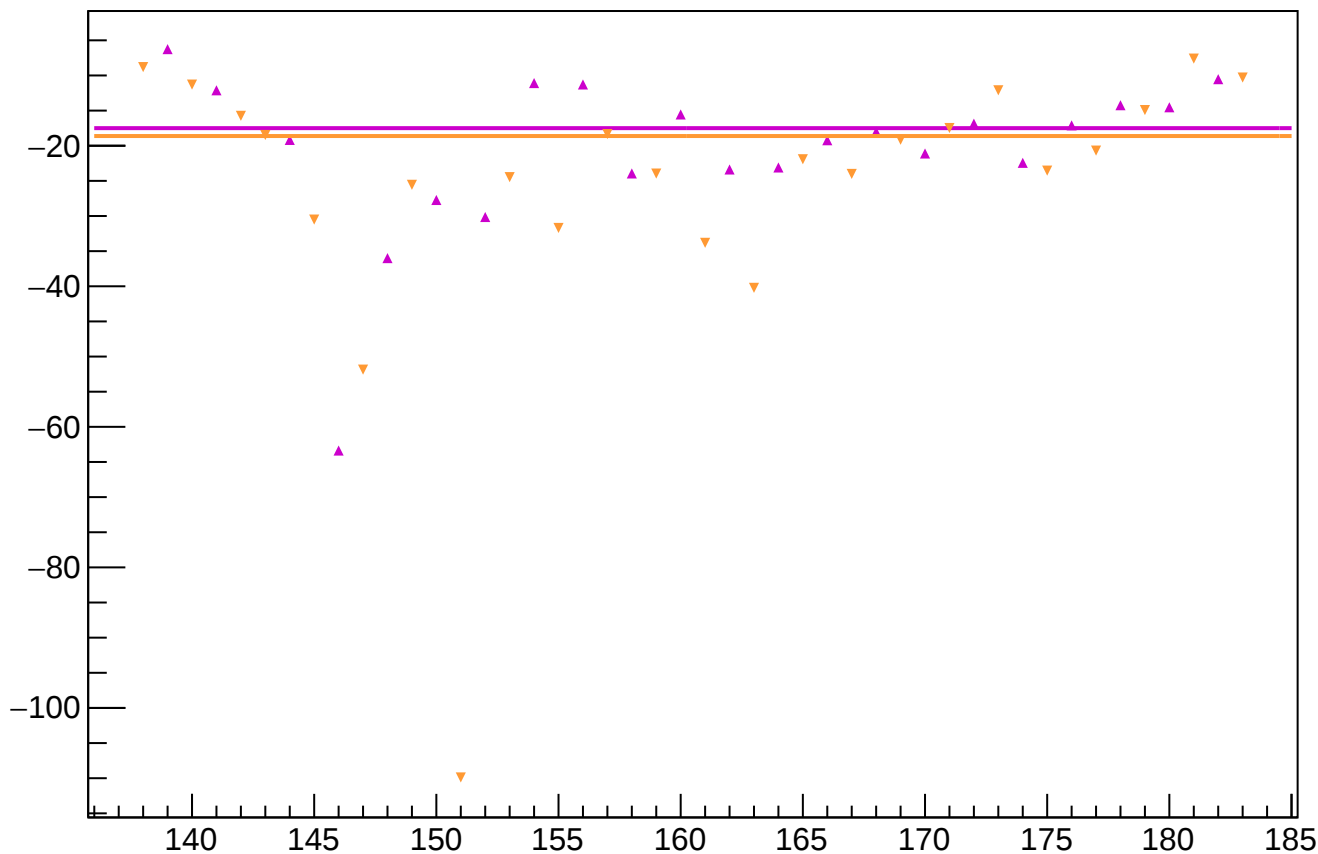
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.102 $\pm$ 0.001 χ^2 /NDF: 4918.5/38

Out: 0.128 $\pm$ 0.002 χ^2 /NDF: 6026.9/41

All: 0.115 $\pm$ 0.001 χ^2 /NDF: 11096.5/80

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.620 $\pm$ 0.041 χ^2 /NDF:86309.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.497 $\pm$ 0.040 χ^2 /NDF:43584.3/21

Left: -18.047 $\pm$ 0.028 χ^2 /NDF: 130284.2/45

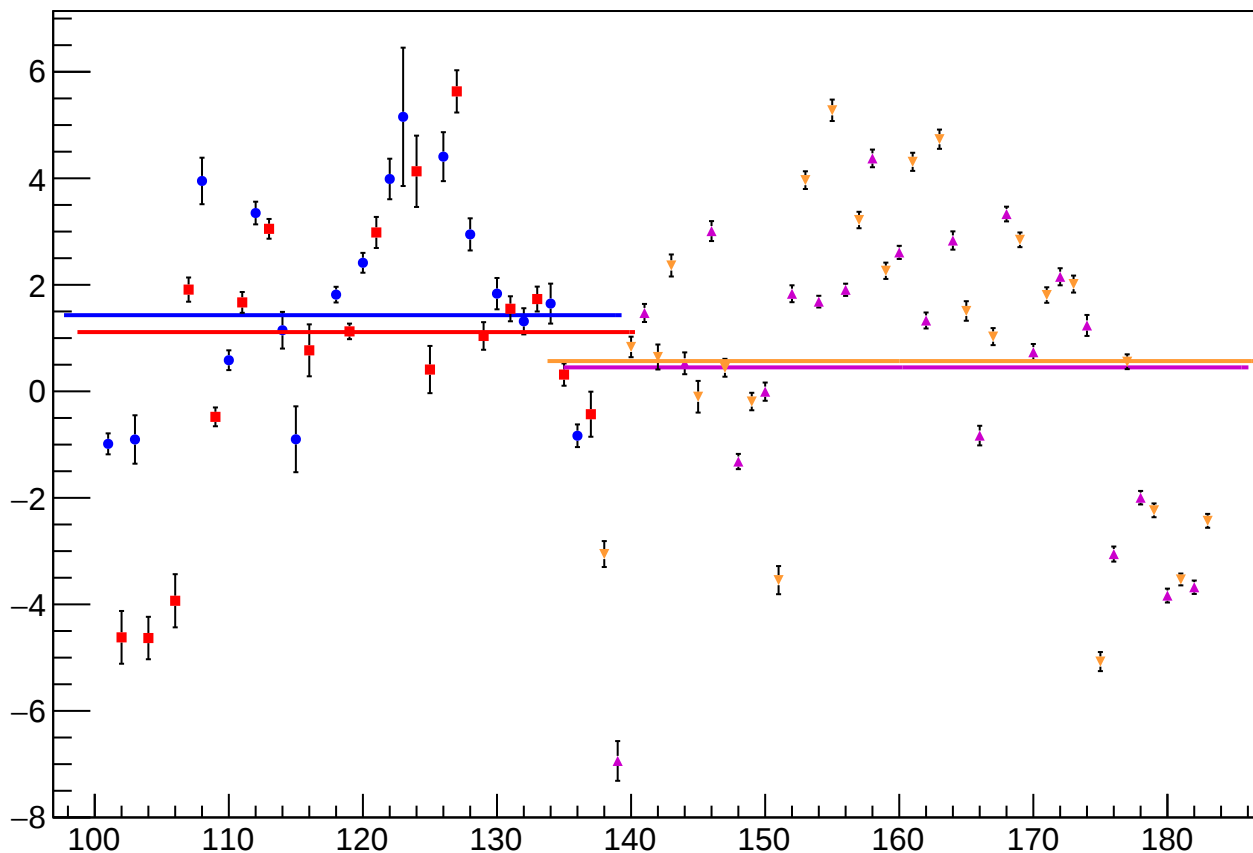
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.497 $\pm$ 0.040 χ^2 /NDF:43584.3/21

Out: -18.620 $\pm$ 0.041 χ^2 /NDF:86309.6/23

All: -18.047 $\pm$ 0.028 χ^2 /NDF: 130284.2/45

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.568 ± 0.034 χ^2/NDF : 6774.8/23

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 0.450 ± 0.032 χ^2/NDF : 5980.0/21

Left: 0.506 ± 0.023 χ^2/NDF : 12761.3/45

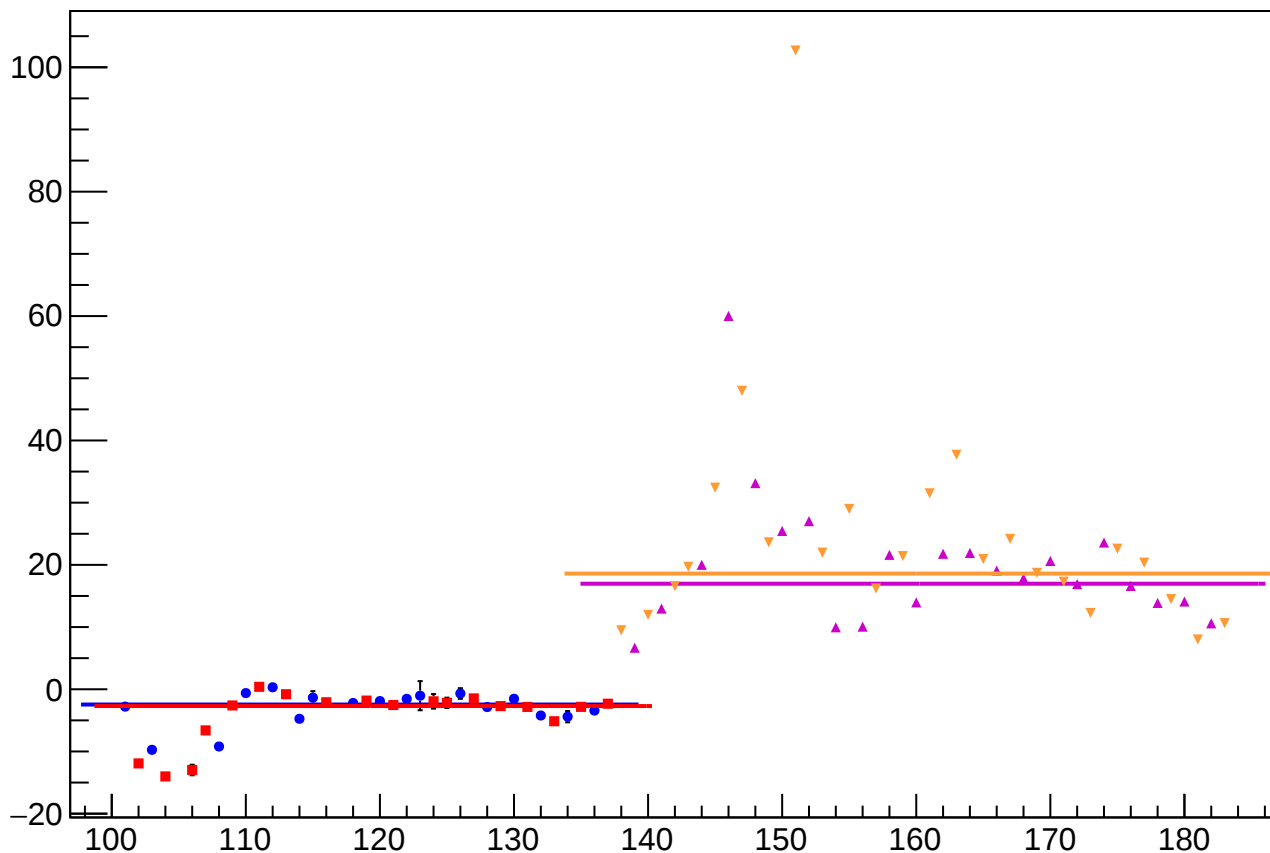
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 0.652 ± 0.028 χ^2/NDF : 6771.6/38

Out: 0.698 ± 0.029 χ^2/NDF : 7724.9/41

All: 0.674 ± 0.020 χ^2/NDF : 14497.8/80

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: 18.601+/-0.041 χ^2/NDF : 75998.1/23

Right Out: -2.700+/-0.104 χ^2/NDF : 829.7/17

Left In: 16.970+/-0.039 χ^2/NDF : 40304.3/21

Left: 17.758+/-0.028 χ^2/NDF : 117132.4/45

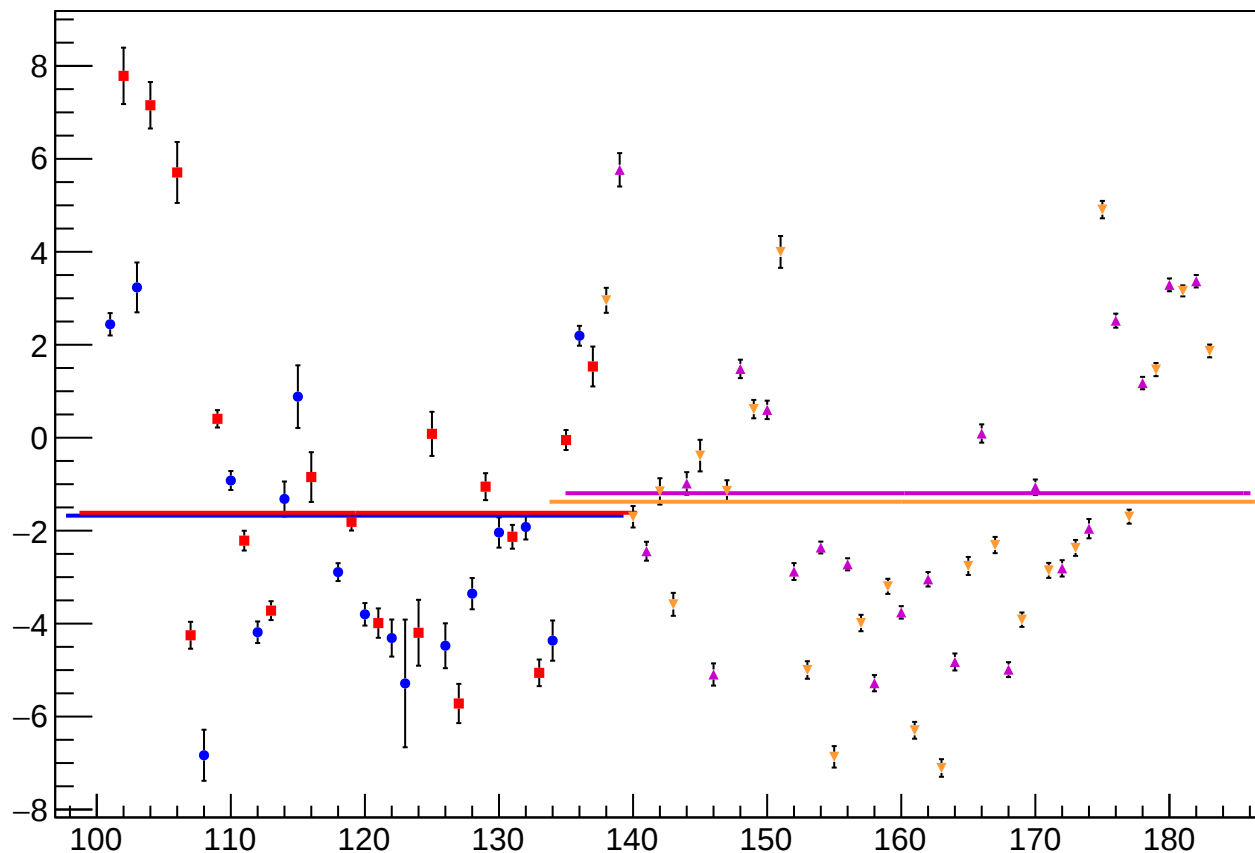
Right: -2.590+/-0.077 χ^2/NDF : 1251.4/34

In: 14.918+/-0.037 χ^2/NDF : 66439.8/38

Out: 15.750+/-0.038 χ^2/NDF : 113471.0/41

All: 15.327+/-0.027 χ^2/NDF : 180156.4/80

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: -1.377 ± 0.037 χ^2/NDF : 7639.7/23

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.194 ± 0.036 χ^2/NDF : 6515.6/21

Left: -1.281 ± 0.026 χ^2/NDF : 14168.0/45

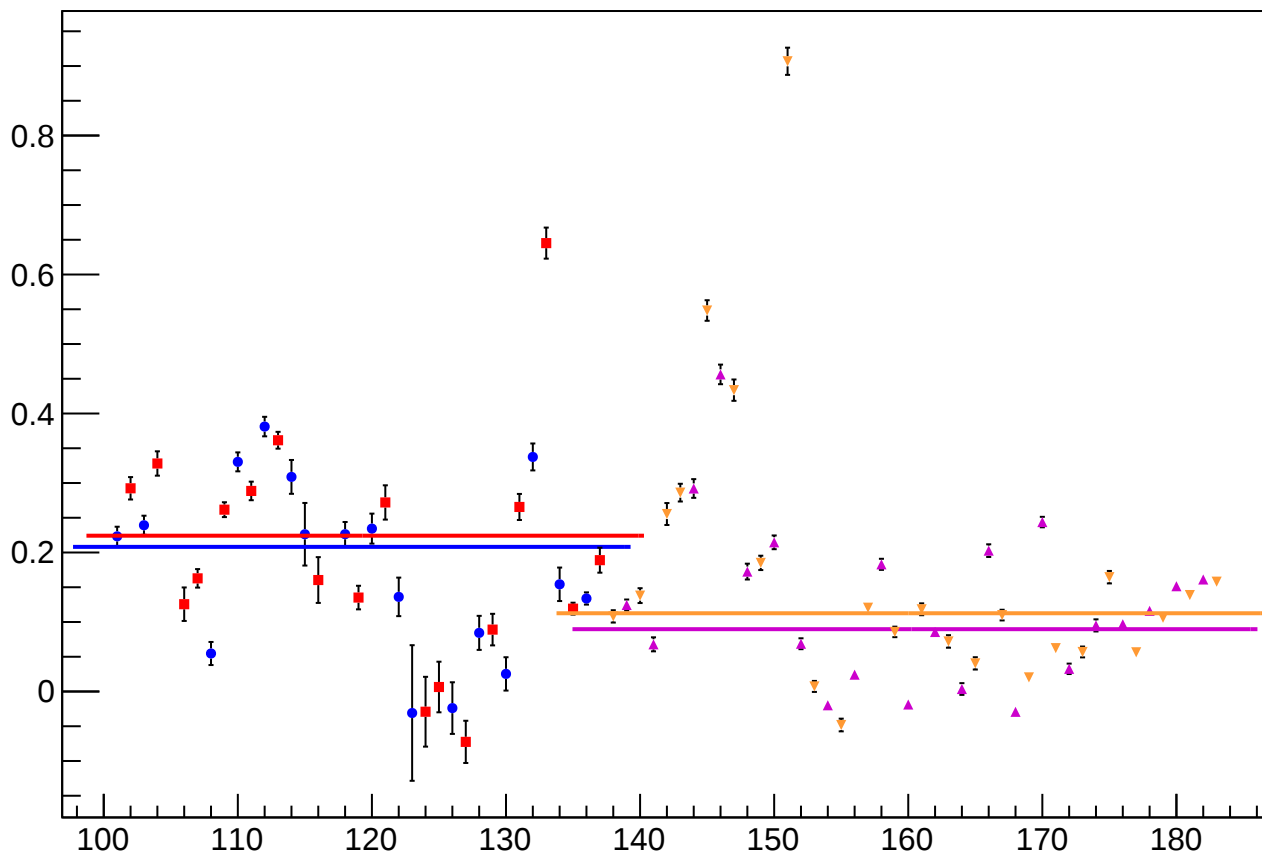
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.288 ± 0.032 χ^2/NDF : 7756.1/38

Out: -1.432 ± 0.033 χ^2/NDF : 9076.4/41

All: -1.358 ± 0.023 χ^2/NDF : 16842.6/80

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.113 ± 0.002 χ^2/NDF : 4328.2/23

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.090 ± 0.002 χ^2/NDF : 3534.9/21

Left: 0.100 ± 0.001 χ^2/NDF : 7963.0/45

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.104 ± 0.001 χ^2/NDF : 4815.4/38

Out: 0.130 ± 0.002 χ^2/NDF : 6029.6/41

All: 0.116 ± 0.001 χ^2/NDF : 11001.6/80