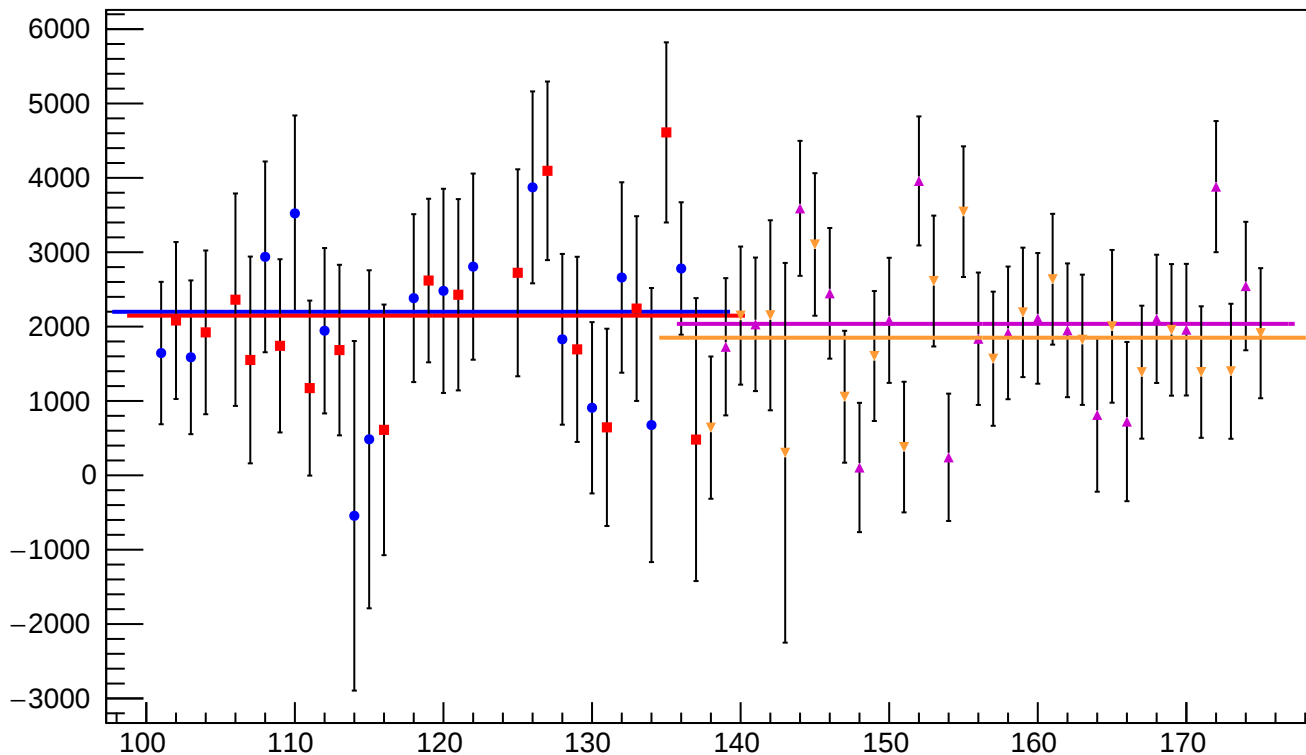


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1850.498+/-208.542

Right Out: 2147.149+/-304.804

Left In: 2036.801+/-210.996

χ^2/NDF : 8.6/15

χ^2/NDF :13.9/19

χ^2/NDF : 11.4/16

χ^2/NDF :25.2/17

Left: 1942.560+/-148.321

Right: 2172.848+/-216.219

In: 2088.853+/-173.845

Out: 1945.086+/-172.113

All: 2016.250+/-122.310

χ^2/NDF : 39.5/37

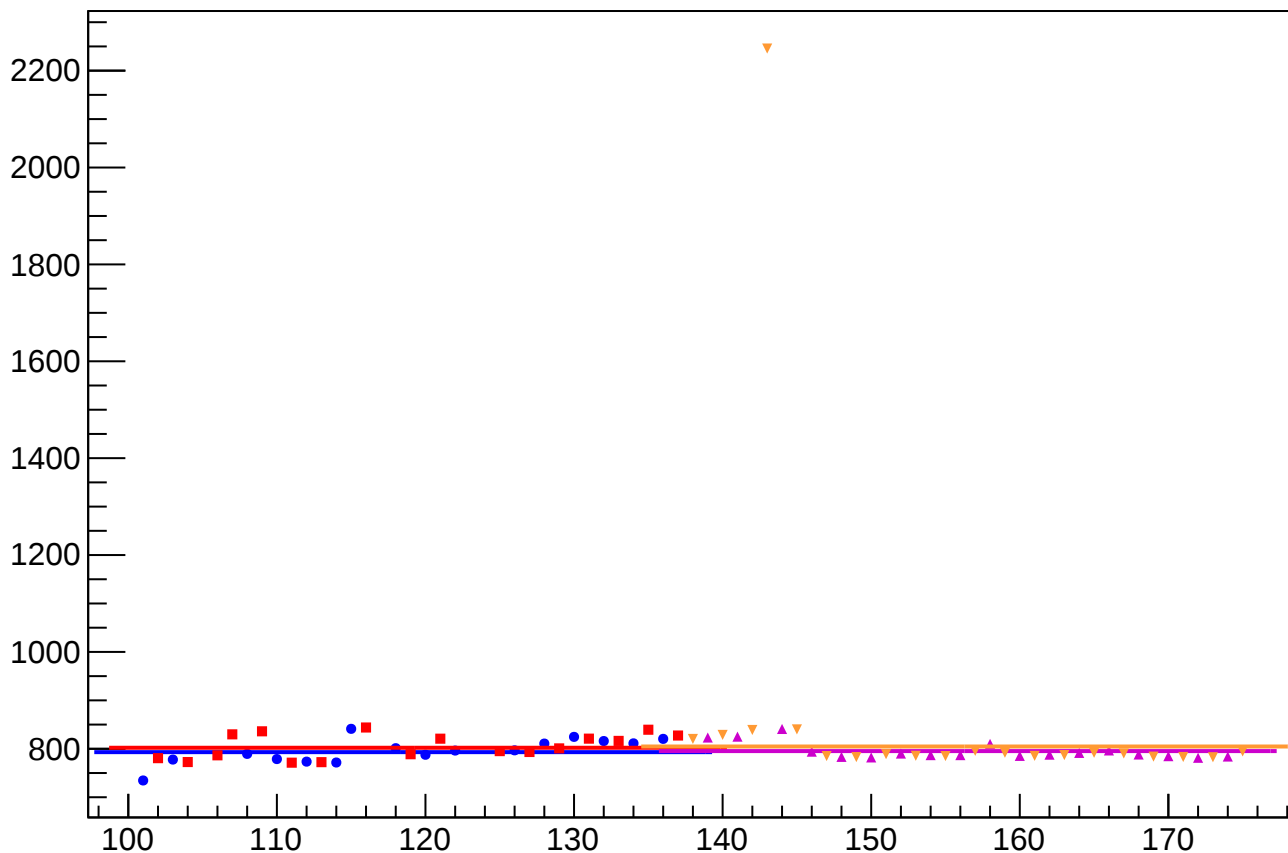
χ^2/NDF : 20.0/32

χ^2/NDF :34.0/33

χ^2/NDF :25.9/36

χ^2/NDF : 60.3/70

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 804.731 ± 0.147 χ^2/NDF : 654917.9/19

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

Left In: 795.263 ± 0.149 χ^2/NDF : 12622.3/17

Left: 800.053 ± 0.105 χ^2/NDF : 669577.1/37

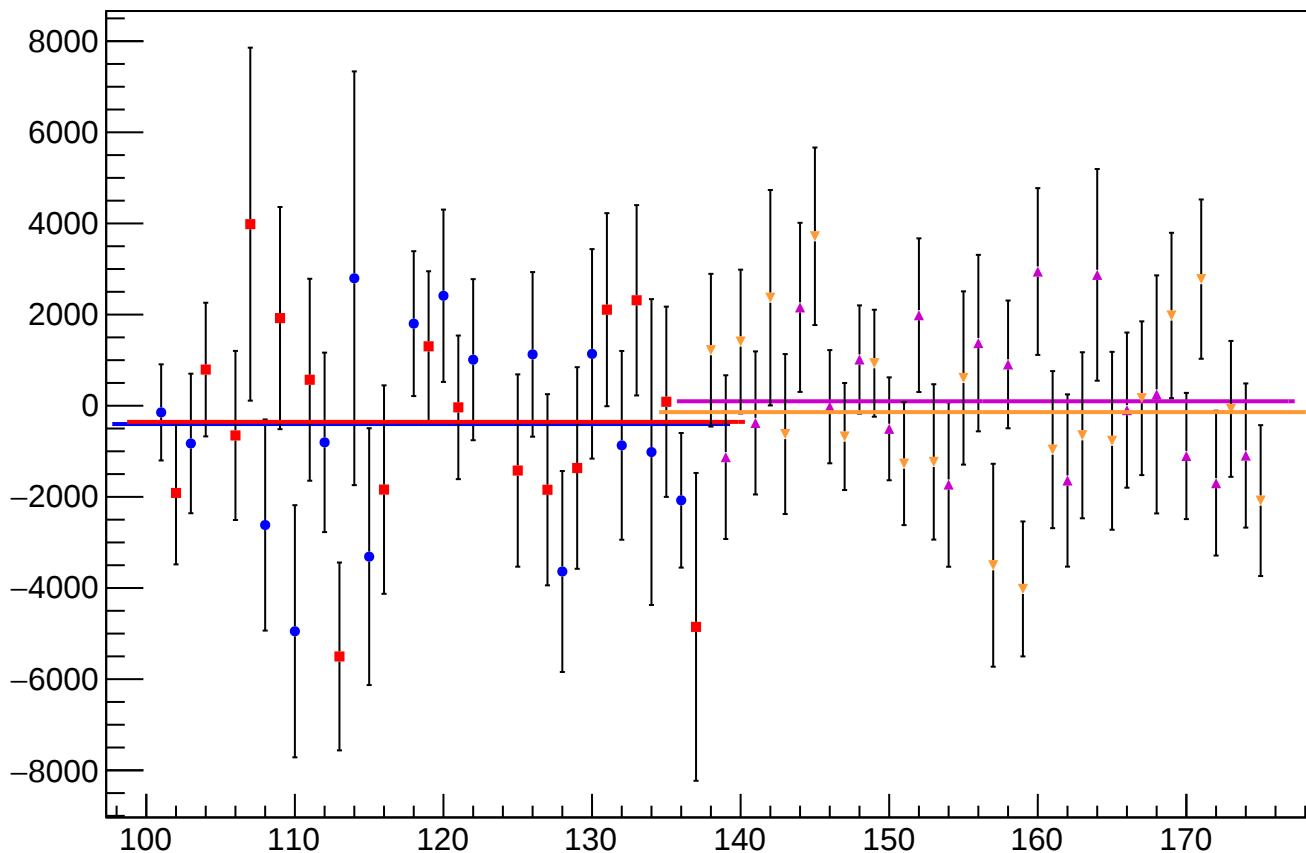
Right: 797.648 ± 0.153 χ^2/NDF : 28303.8/32

In: 794.566 ± 0.123 χ^2/NDF : 27393.4/33

Out: 803.907 ± 0.122 χ^2/NDF : 667739.3/36

All: 799.283 ± 0.086 χ^2/NDF : 698049.0/70

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -139.691 $\pm$ 365.073 χ^2/NDF : 24.2/19

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

Left In: 97.945 $\pm$ 373.845 χ^2/NDF : 13.0/17

Left: -23.694 $\pm$ 261.192 χ^2/NDF : 37.4/37

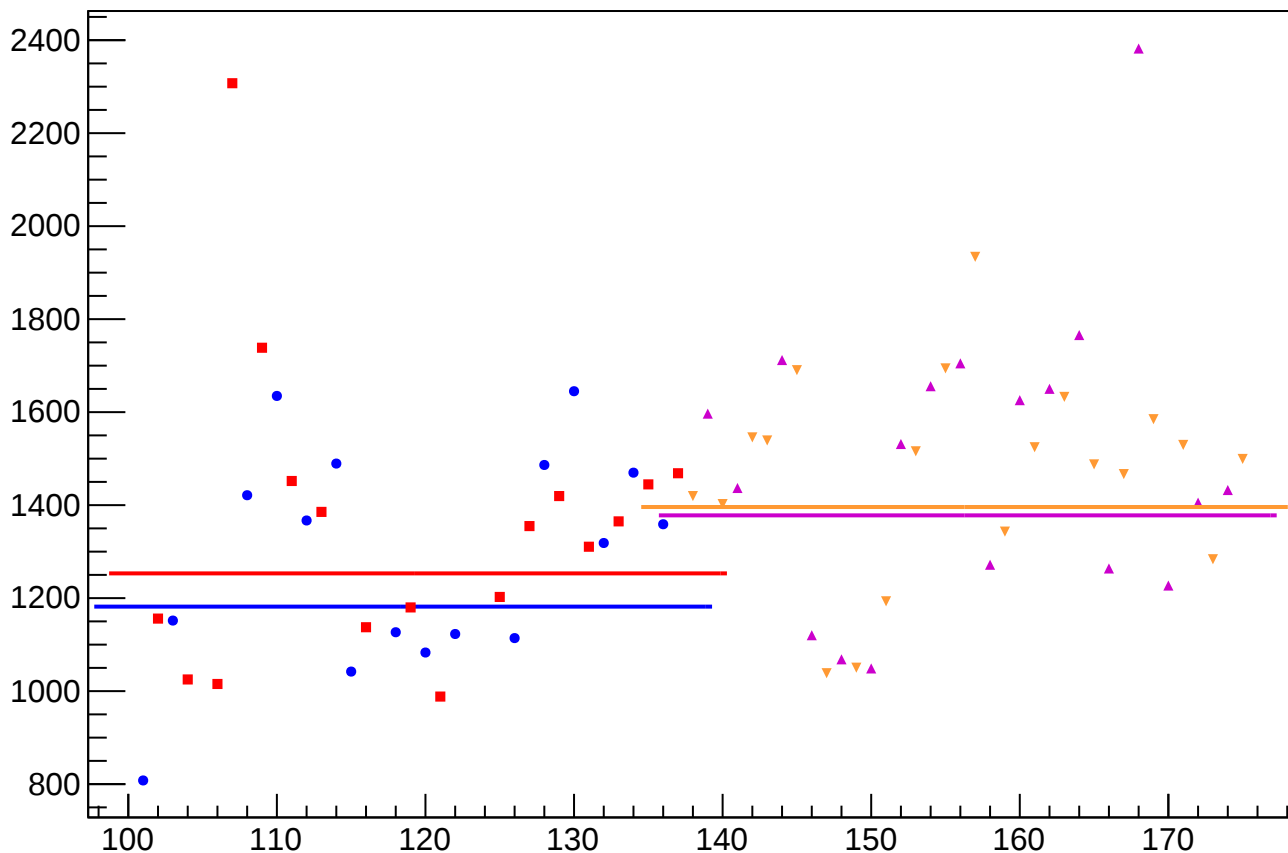
Right: -378.842 $\pm$ 337.535 χ^2/NDF : 32.2/32

In: -96.255 $\pm$ 292.255 χ^2/NDF : 28.6/33

Out: -217.057 $\pm$ 292.007 χ^2/NDF : 41.7/36

All: -156.707 $\pm$ 206.568 χ^2/NDF : 70.4/70

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1395.976 $\pm$ 0.258 χ^2 /NDF: 755250.5/19

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

Left In: 1378.016 $\pm$ 0.264 χ^2 /NDF: 1086954.0/17

Left: 1387.209 $\pm$ 0.185 χ^2 /NDF: 1844567.2/37

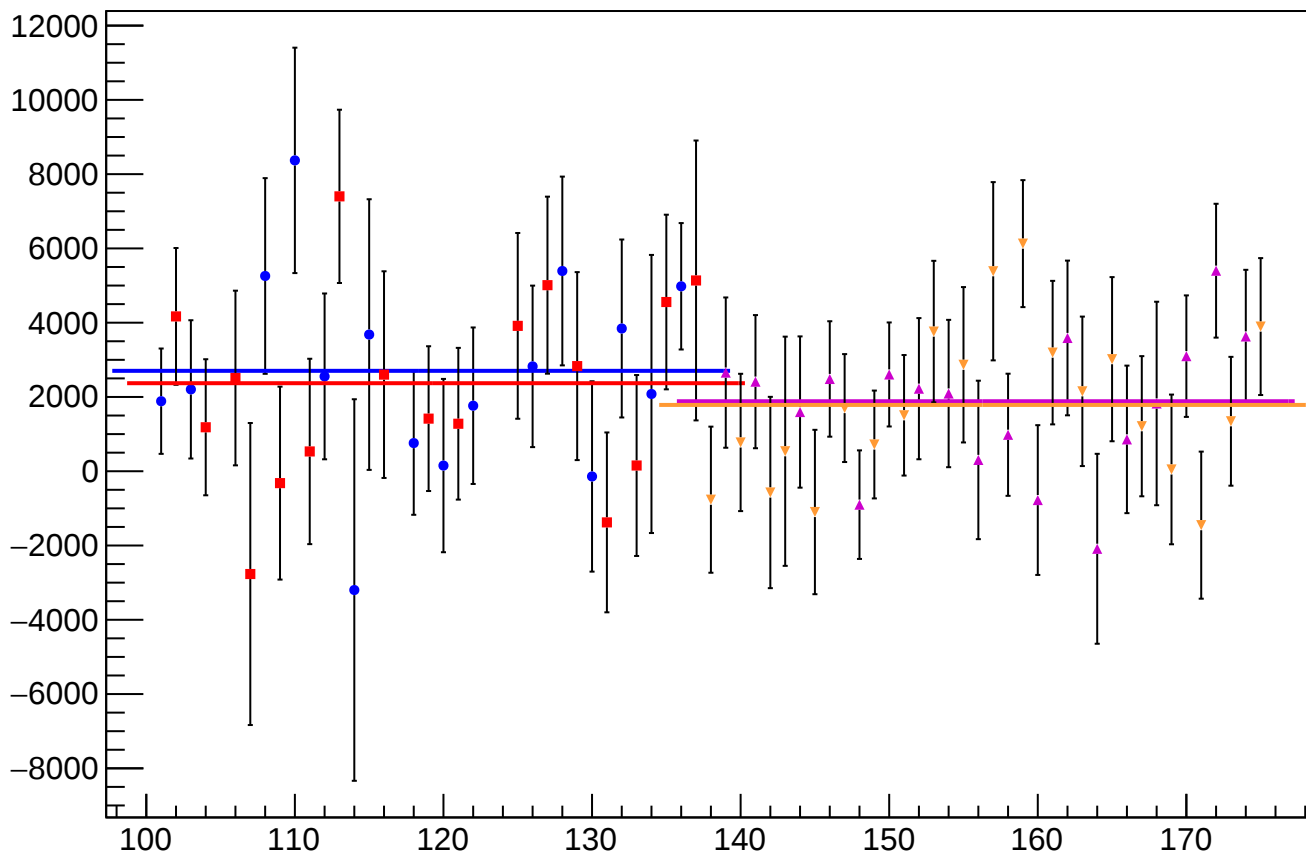
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1301.703 $\pm$ 0.207 χ^2 /NDF: 1844763.6/33

Out: 1344.552 $\pm$ 0.206 χ^2 /NDF: 1321052.1/36

All: 1323.146 $\pm$ 0.146 χ^2 /NDF: 3187330.4/70

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 1785.665+/-426.942 χ^2/NDF : 21.1/19

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 1884.951+/-433.681 χ^2/NDF : 15.6/17

Left: 1834.531+/-304.248 χ^2/NDF : 36.7/37

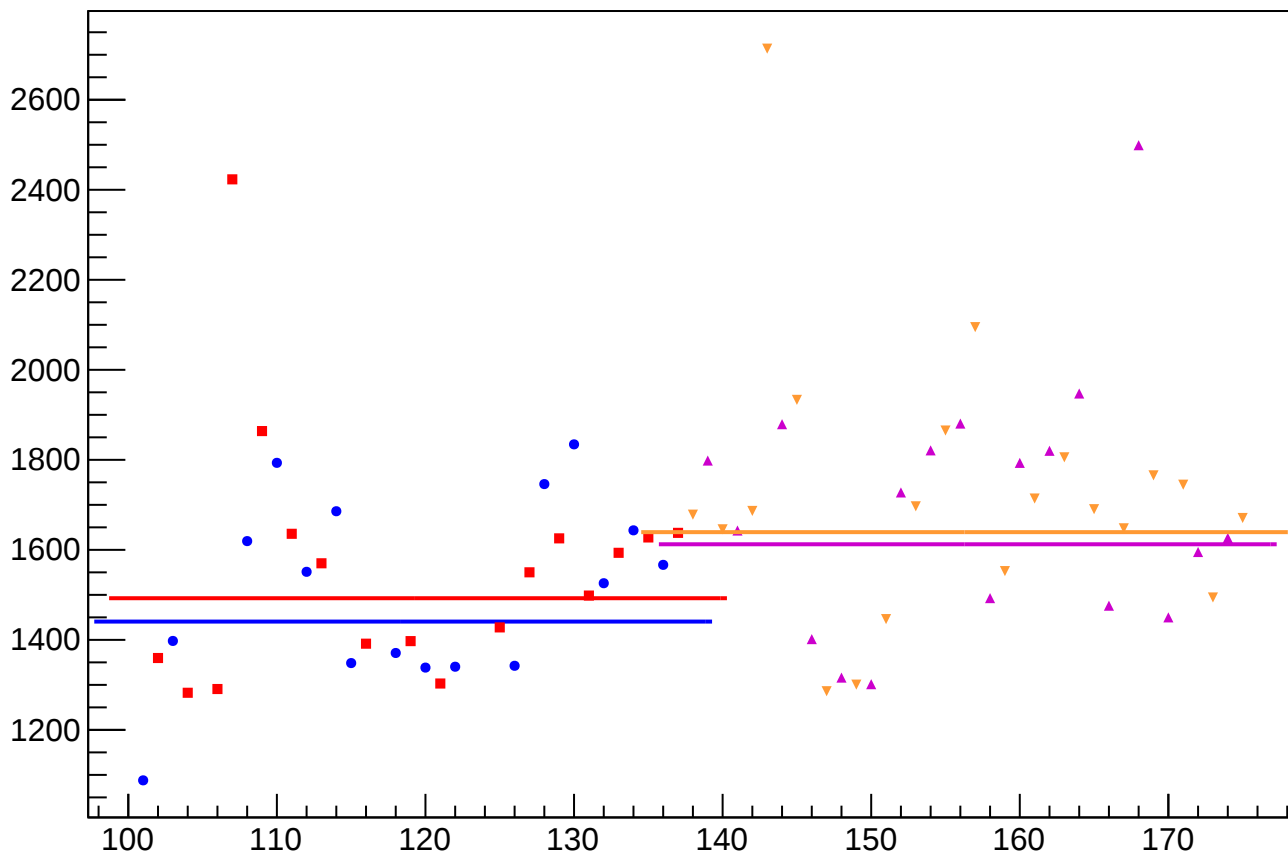
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2188.826+/-343.909 χ^2/NDF : 29.9/33

Out: 1994.259+/-342.460 χ^2/NDF : 37.8/36

All: 2091.132+/-242.666 χ^2/NDF : 67.9/70

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1639.352+/-0.302 χ^2/NDF : 682755.1/19

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

Left In: 1612.397+/-0.307 χ^2/NDF : 650063.6/17

Left: 1626.085+/-0.215 χ^2/NDF : 1336742.4/37

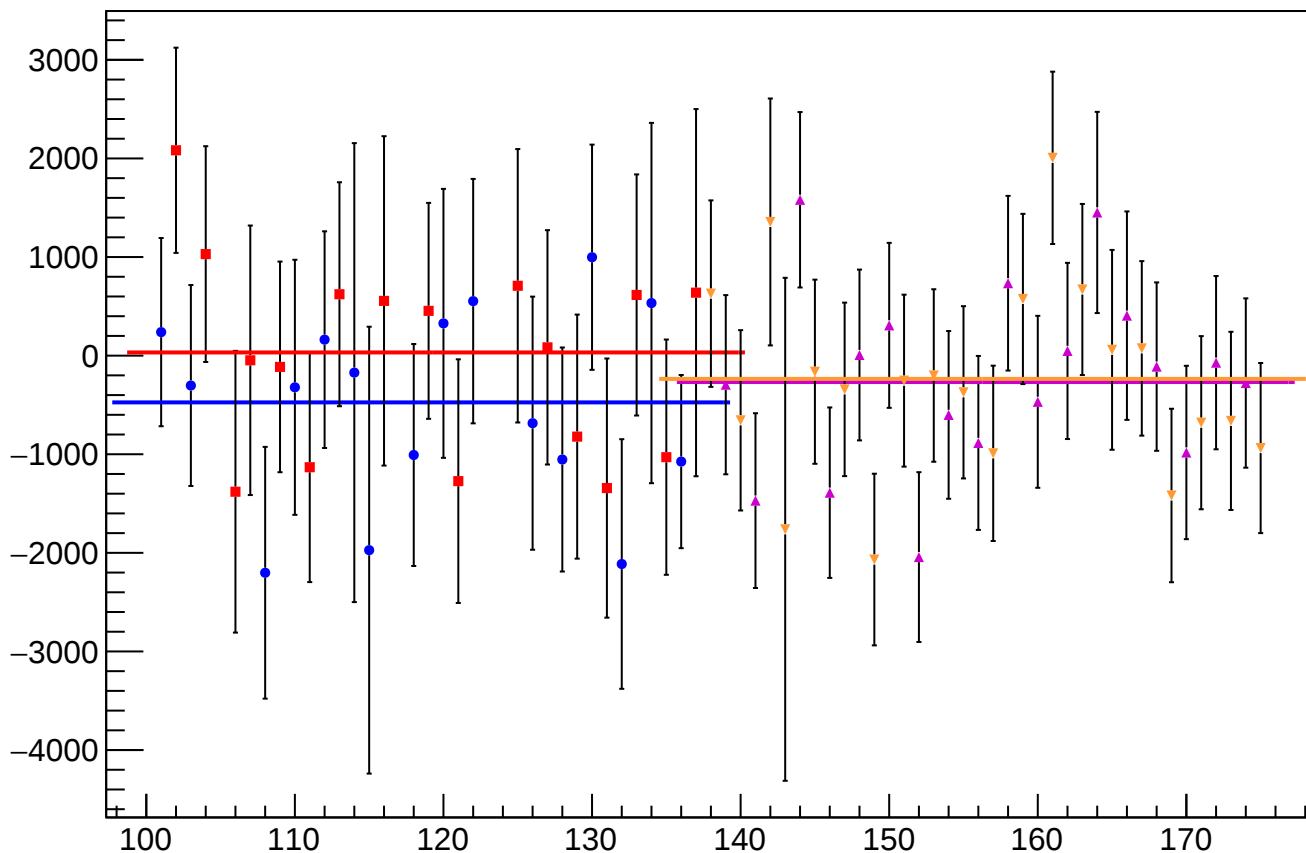
Right: 1466.182+/-0.284 χ^2/NDF : 542080.9/32

In: 1548.654+/-0.243 χ^2/NDF : 1048740.1/33

Out: 1586.995+/-0.242 χ^2/NDF : 1018606.2/36

All: 1567.905+/-0.172 χ^2/NDF : 2079828.1/70

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -235.719 ± 206.504 χ^2/NDF : 19.9/19

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

Left In: -267.511 ± 209.059 χ^2/NDF : 18.8/17

Left: -251.420 ± 146.916 χ^2/NDF : 38.7/37

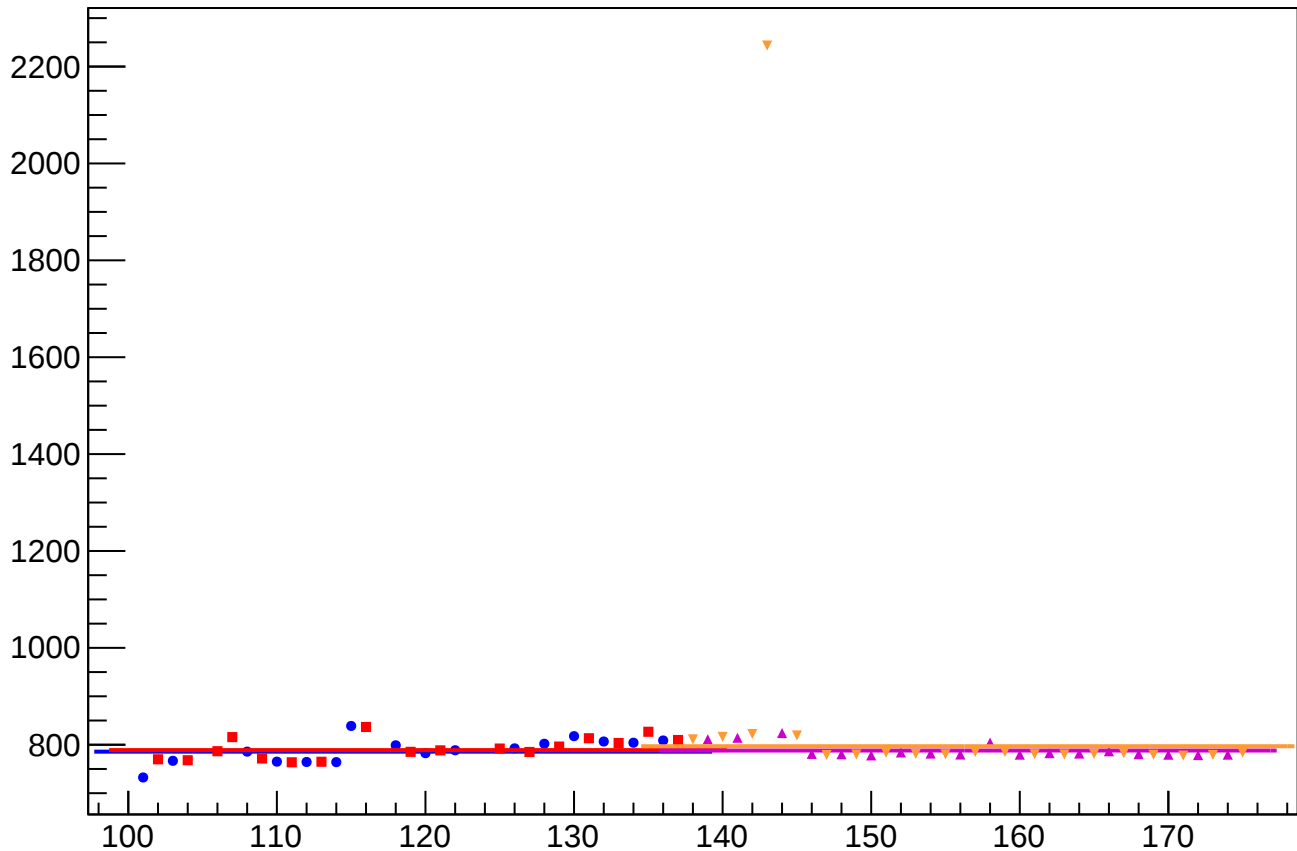
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

In: -333.880 ± 172.242 χ^2/NDF : 28.0/33

Out: -149.351 ± 170.030 χ^2/NDF : 31.7/36

All: -240.423 ± 121.004 χ^2/NDF : 60.3/70

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 796.937 $\pm$ 0.146 χ^2 /NDF: 656269.4/19

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

Left In: 788.056 $\pm$ 0.148 χ^2 /NDF: 9056.6/17

Left: 792.551 $\pm$ 0.104 χ^2 /NDF: 667152.9/37

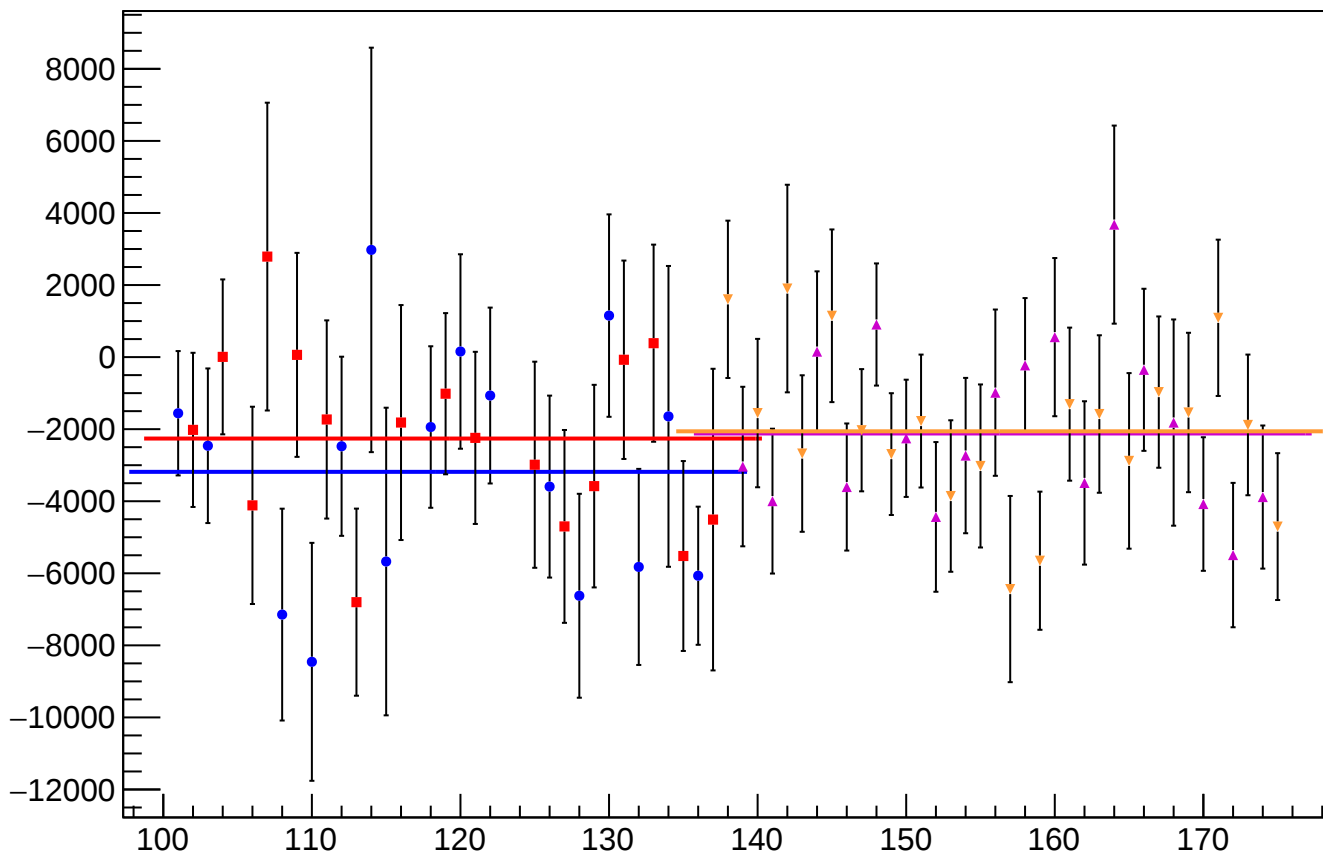
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 787.314 $\pm$ 0.122 χ^2 /NDF: 23056.5/33

Out: 794.362 $\pm$ 0.120 χ^2 /NDF: 666760.4/36

All: 790.883 $\pm$ 0.086 χ^2 /NDF: 691512.8/70

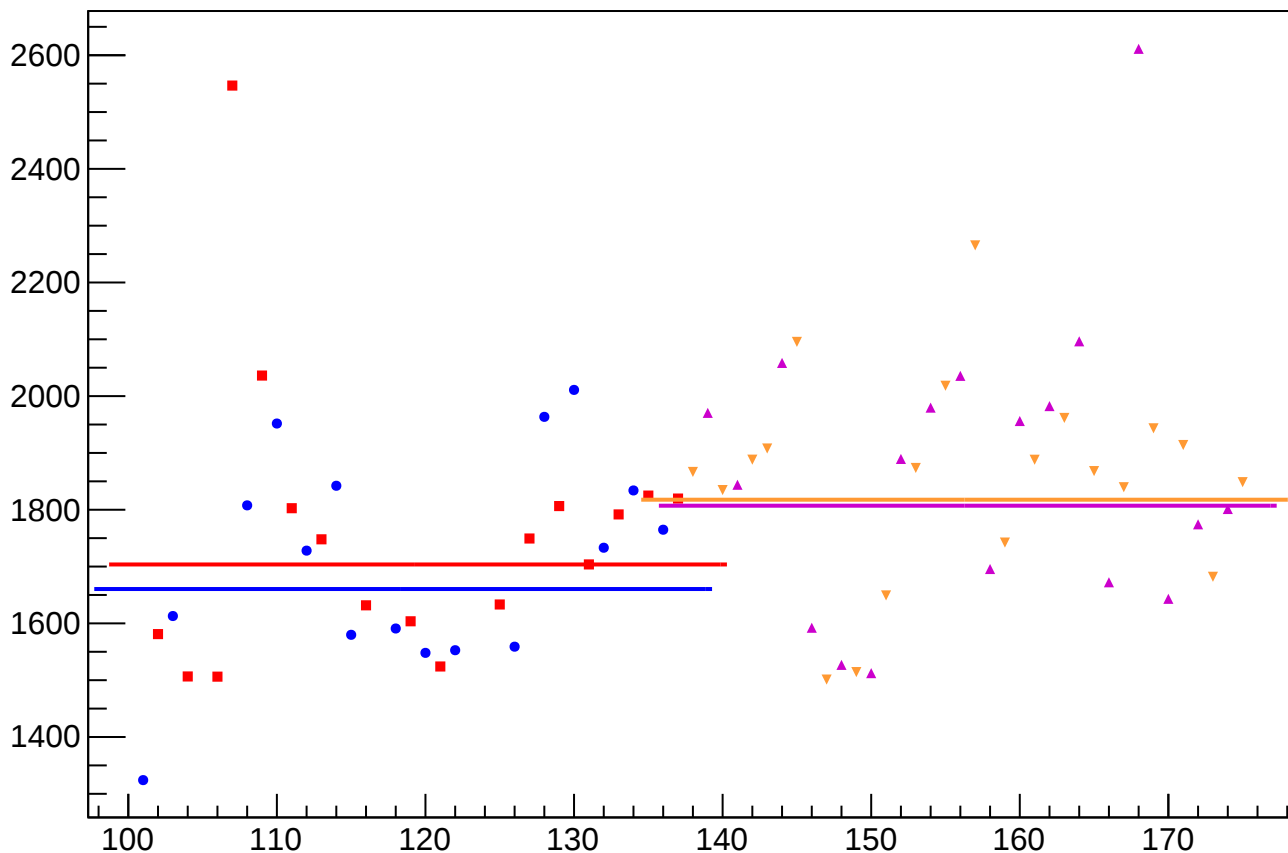
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15
 Left Out: -2059.345 $\pm$ 469.649 χ^2/NDF : 18.5/19
 Right Out: -2260.241 $\pm$ 651.957 χ^2/NDF : 11.6/16
 Left In: -2119.793 $\pm$ 483.954 χ^2/NDF : 20.2/17

Left: -2088.663 $\pm$ 337.036 χ^2/NDF : 38.8/37
 Right: -2725.651 $\pm$ 459.370 χ^2/NDF : 29.4/32
 In: -2501.511 $\pm$ 387.613 χ^2/NDF : 38.8/33
 Out: -2127.980 $\pm$ 381.070 χ^2/NDF : 30.1/36
 All: -2311.566 $\pm$ 271.741 χ^2/NDF : 69.4/70

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1817.667 $\pm$ 0.332 χ^2 /NDF: 296165.0/19

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

Left In: 1807.120 $\pm$ 0.342 χ^2 /NDF: 454260.4/17

Left: 1812.552 $\pm$ 0.238 χ^2 /NDF: 750914.5/37

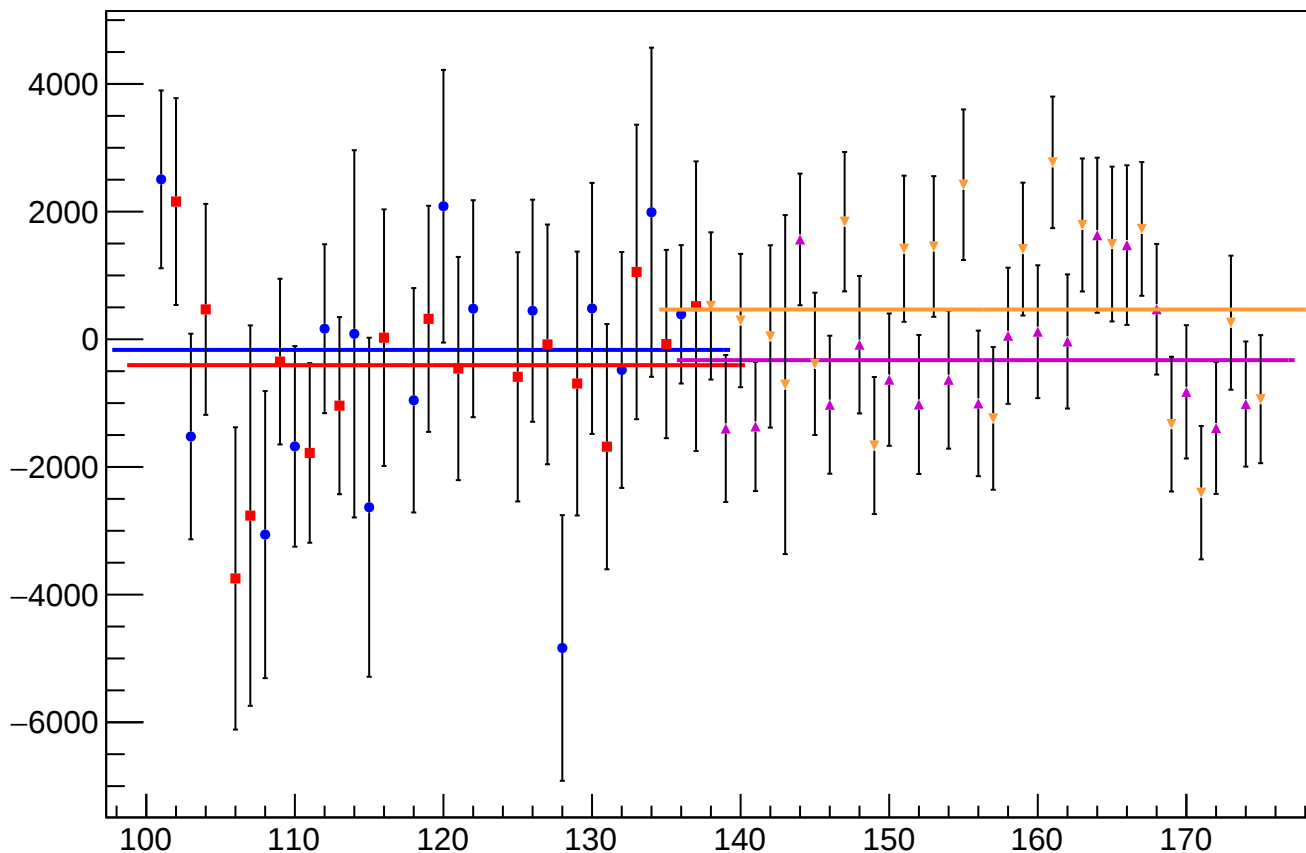
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1754.541 $\pm$ 0.274 χ^2 /NDF: 699314.2/33

Out: 1778.724 $\pm$ 0.269 χ^2 /NDF: 507440.4/36

All: 1766.838 $\pm$ 0.192 χ^2 /NDF: 1210713.1/70

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 465.954 ± 249.908 $\chi^2/\text{NDF}: 35.1/19$

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

Left In: -326.791 ± 252.650 $\chi^2/\text{NDF}: 14.1/17$

Left: 73.906 ± 177.673 $\chi^2/\text{NDF}: 54.2/37$

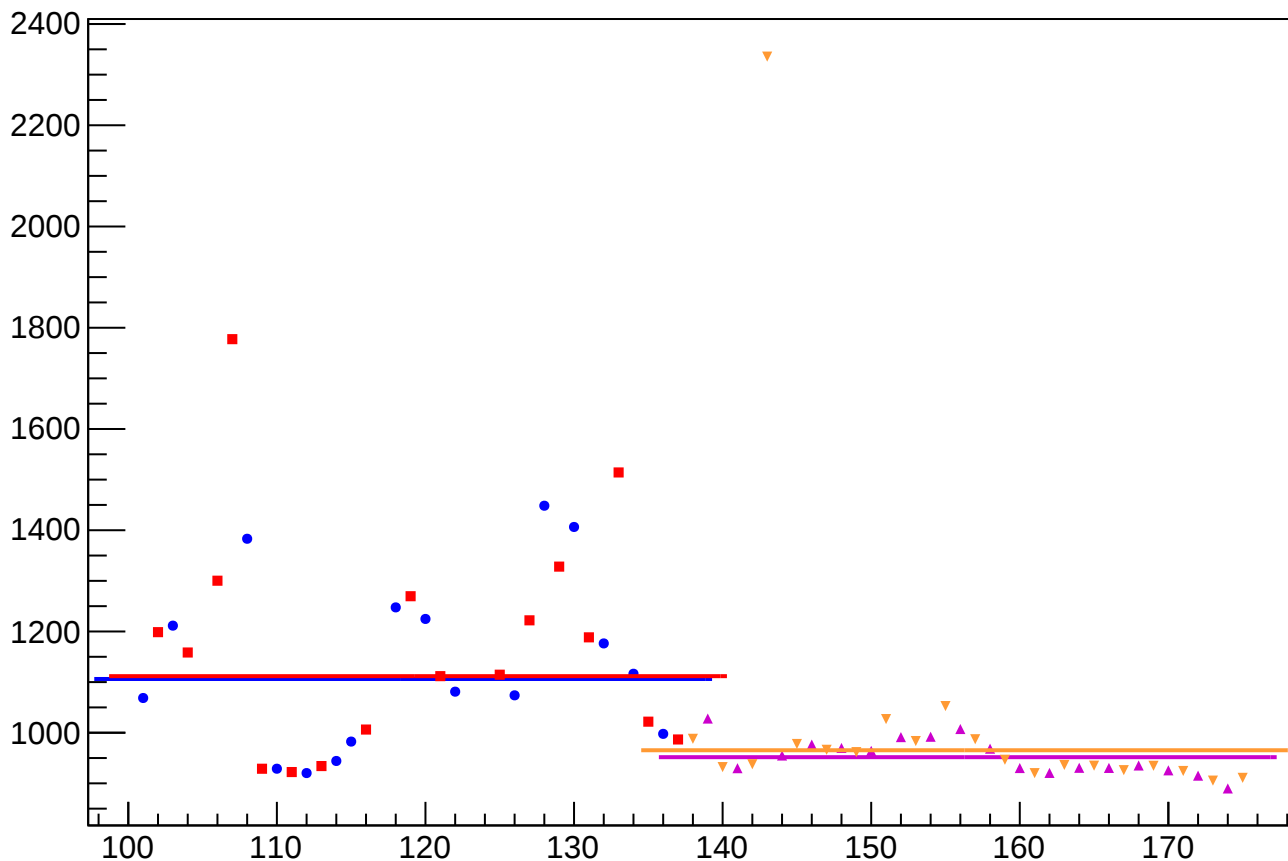
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -285.998 ± 218.178 $\chi^2/\text{NDF}: 29.9/33$

Out: 244.916 ± 215.892 $\chi^2/\text{NDF}: 46.0/36$

All: -17.745 ± 153.460 $\chi^2/\text{NDF}: 78.9/70$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 965.367 ± 0.177 $\chi^2/\text{NDF}: 581748.6/19$

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

Left In: 951.687 ± 0.179 $\chi^2/\text{NDF}: 38324.7/17$

Left: 958.602 ± 0.126 $\chi^2/\text{NDF}: 623036.8/37$

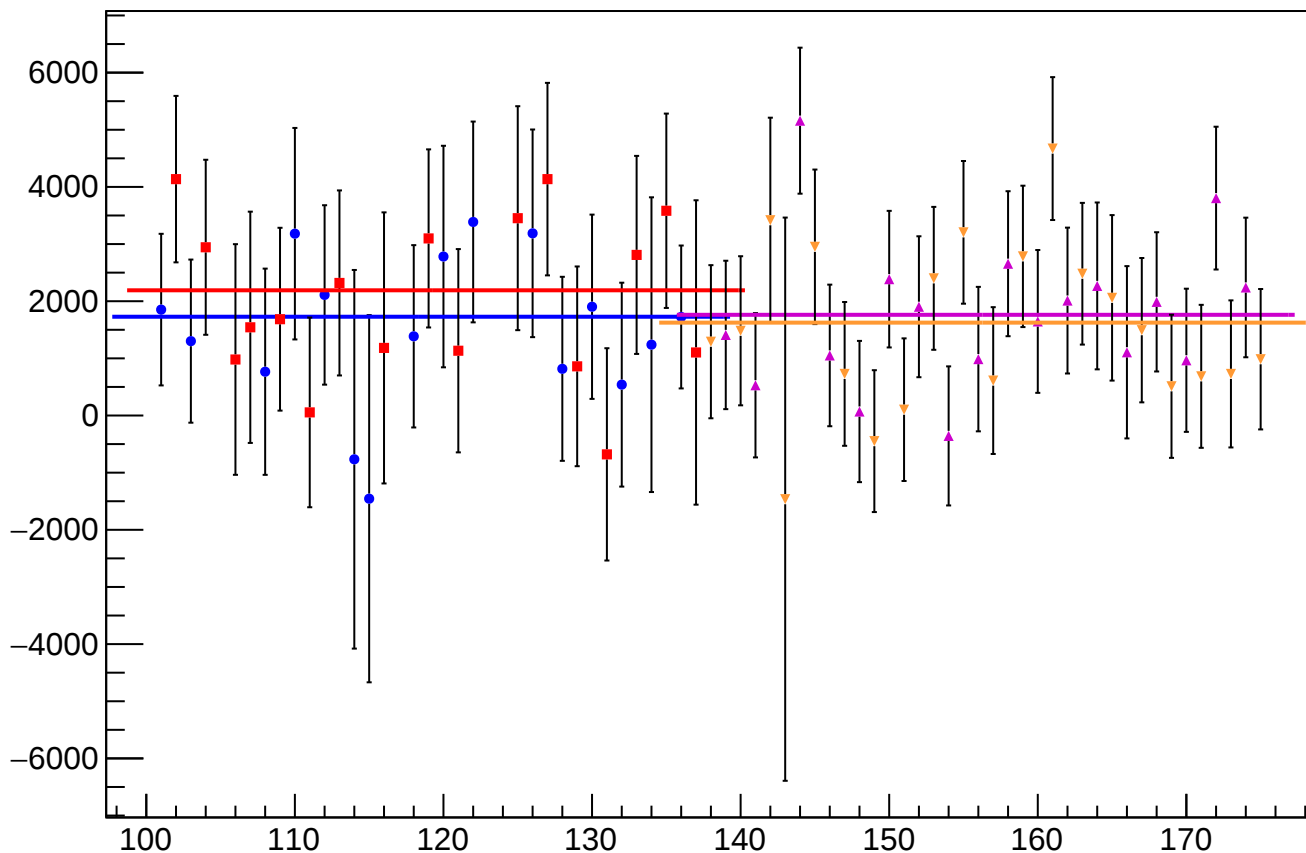
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 990.964 ± 0.154 $\chi^2/\text{NDF}: 488340.8/33$

Out: 1002.499 ± 0.153 $\chi^2/\text{NDF}: 1112173.5/36$

All: 996.792 ± 0.109 $\chi^2/\text{NDF}: 1603338.8/70$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1625.200 $\pm$ 295.590 χ^2/NDF : 19.3/19

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

Left In: 1762.100 $\pm$ 298.730 χ^2/NDF : 18.1/17

Left: 1692.927 $\pm$ 210.115 χ^2/NDF : 37.5/37

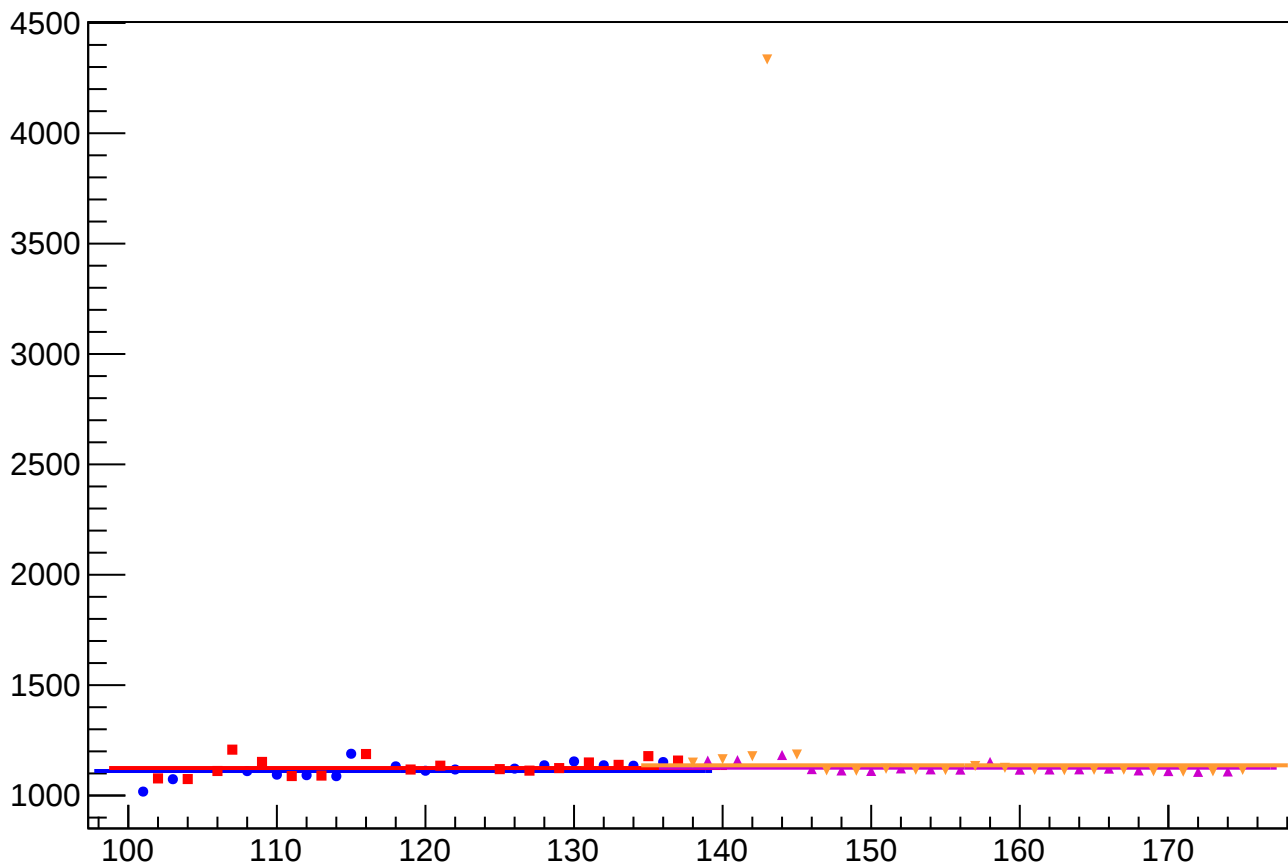
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1751.144 $\pm$ 245.299 χ^2/NDF : 23.4/33

Out: 1808.360 $\pm$ 243.079 χ^2/NDF : 31.3/36

All: 1780.012 $\pm$ 172.663 χ^2/NDF : 54.8/70

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1136.855+/-0.209 χ^2/NDF : 855531.5/19

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

Left In: 1126.006+/-0.211 χ^2/NDF : 9982.0/17

Left: 1131.487+/-0.149 χ^2/NDF : 866846.4/37

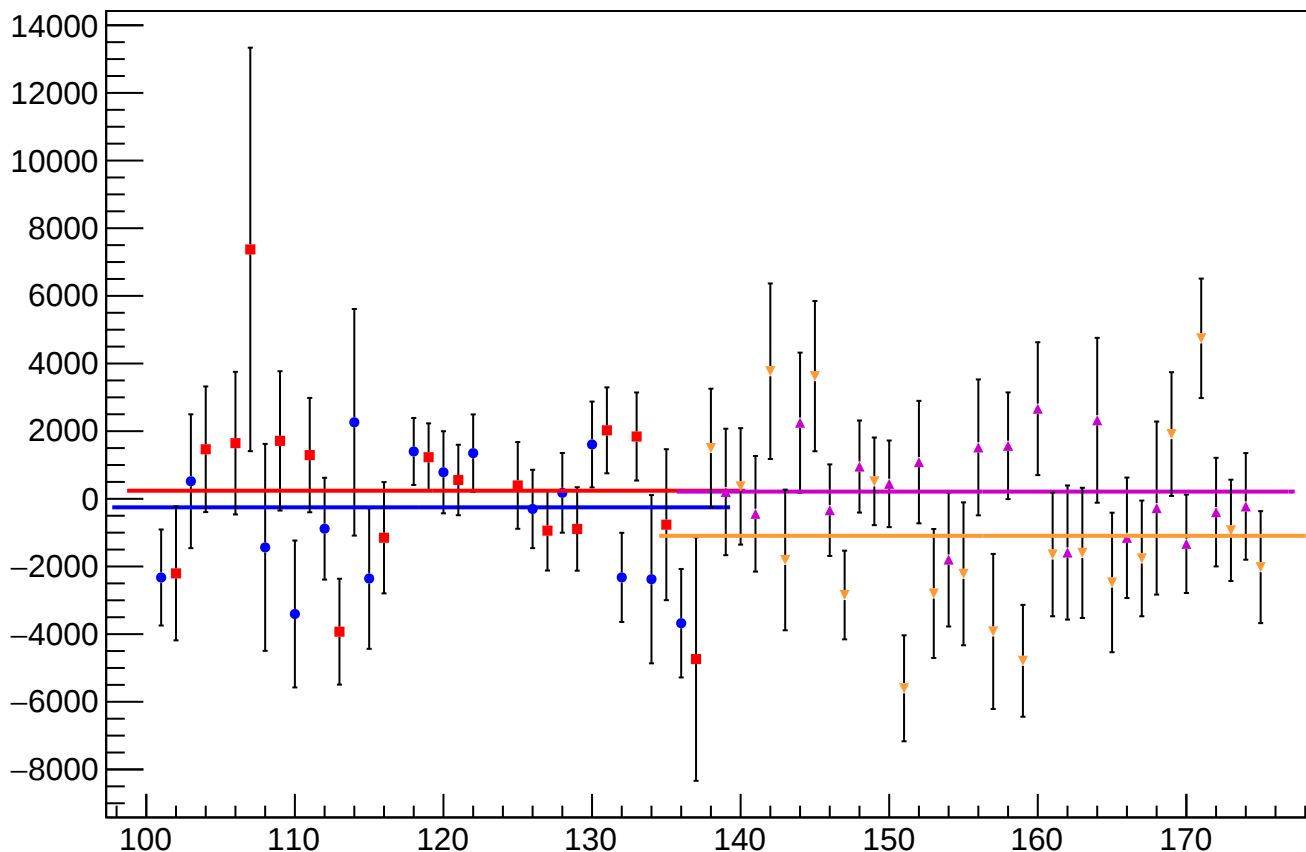
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1121.132+/-0.173 χ^2/NDF : 29707.6/33

Out: 1132.860+/-0.172 χ^2/NDF : 871260.7/36

All: 1127.049+/-0.122 χ^2/NDF : 903275.0/70

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1093.486 $\pm$ 393.351 χ^2/NDF :45.0/19

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

Left In: 213.441 $\pm$ 402.220 χ^2/NDF :9.1/17

Left: -454.591 $\pm$ 281.224 χ^2/NDF : 59.5/37

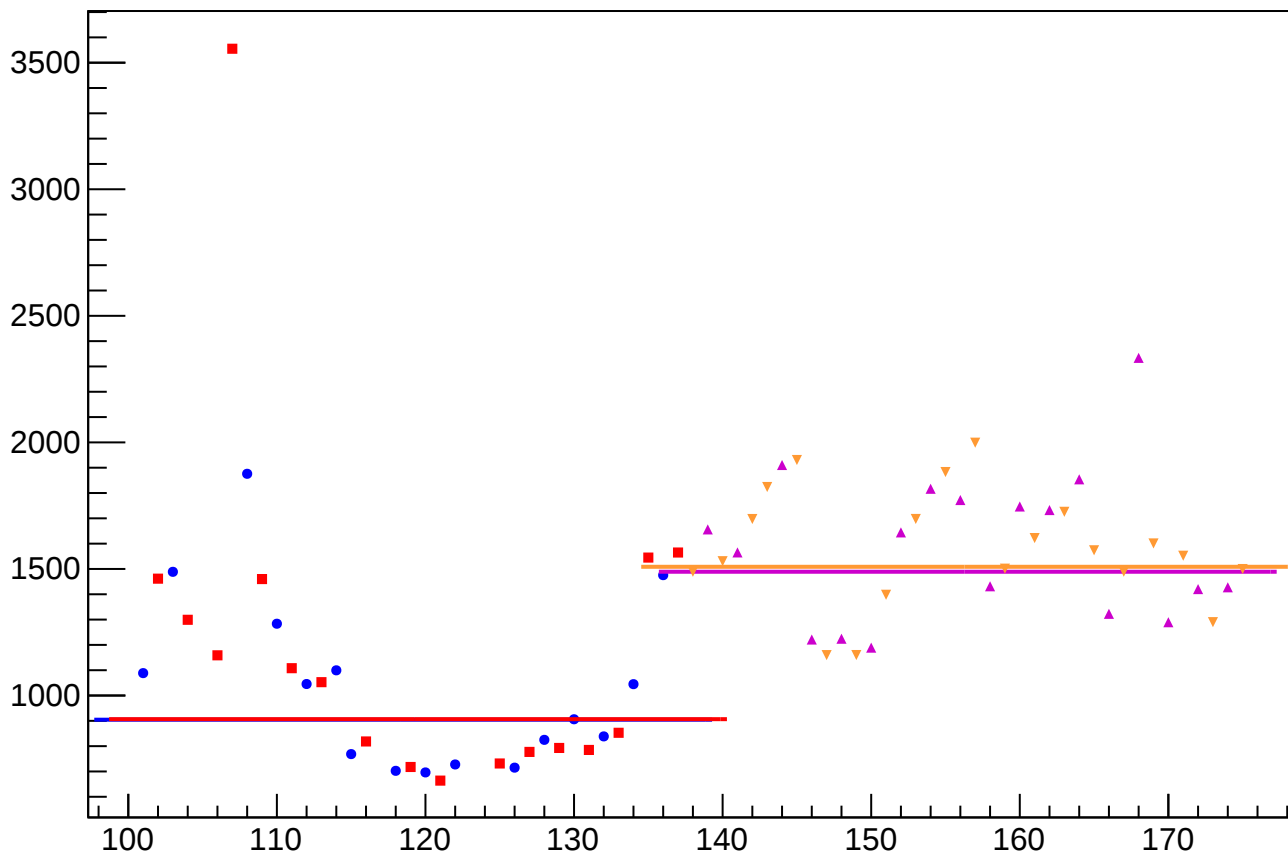
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -41.468 $\pm$ 270.277 χ^2/NDF :31.7/33

Out: -374.928 $\pm$ 267.099 χ^2/NDF :72.3/36

All: -210.170 $\pm$ 189.981 χ^2/NDF : 104.7/70

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.578+/-0.278 χ^2/NDF : 684267.7/19

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

Left In: 1488.986+/-0.284 χ^2/NDF : 868053.8/17

Left: 1499.000+/-0.199 χ^2/NDF : 1554747.1/37

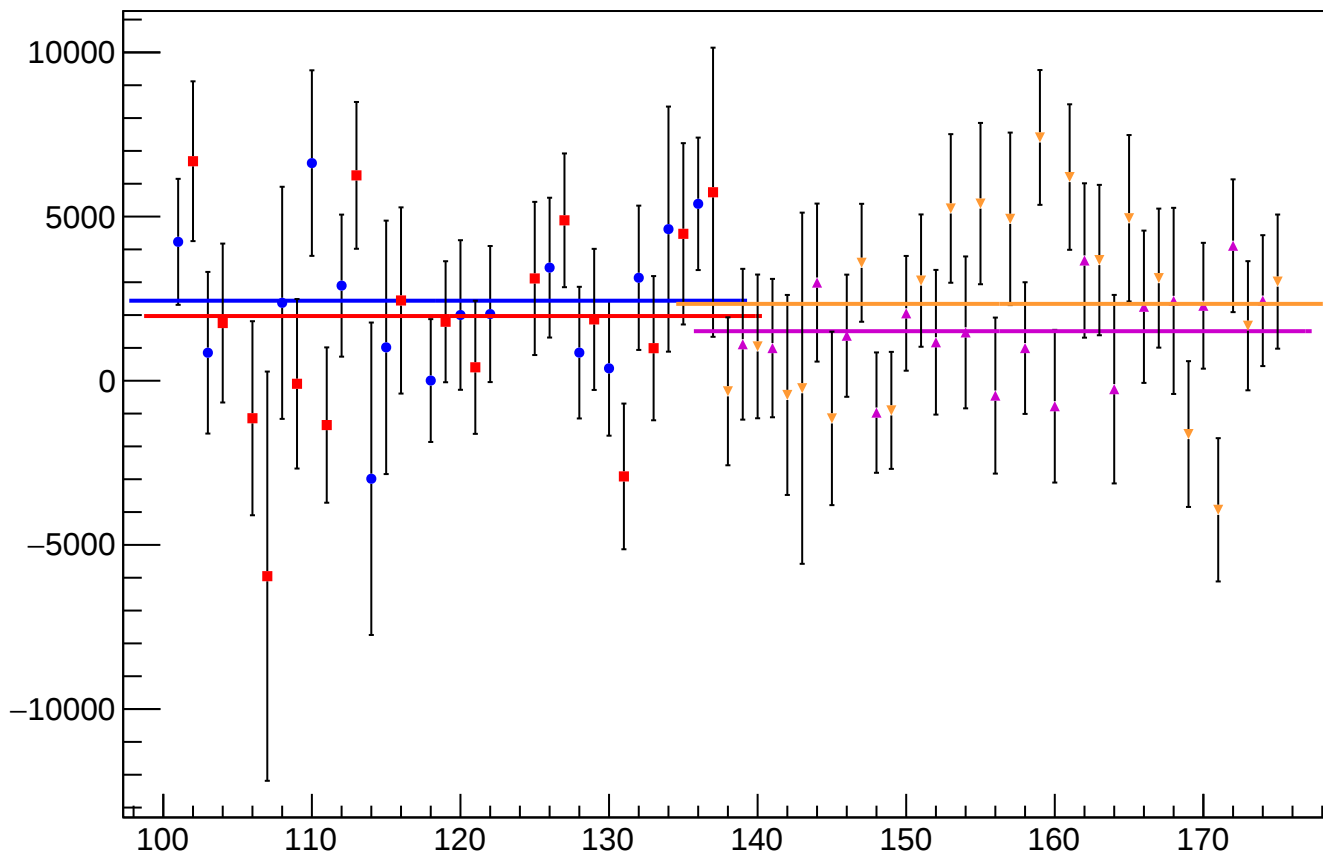
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1168.409+/-0.191 χ^2/NDF : 4205569.4/33

Out: 1184.161+/-0.189 χ^2/NDF : 4584741.8/36

All: 1176.378+/-0.134 χ^2/NDF : 8793748.1/70

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2340.851 $\pm$ 500.631 χ^2/NDF : 35.0/19

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

Left In: 1509.173 $\pm$ 507.267 χ^2/NDF : 7.6/17

Left: 1930.487 $\pm$ 356.322 χ^2/NDF : 43.9/37

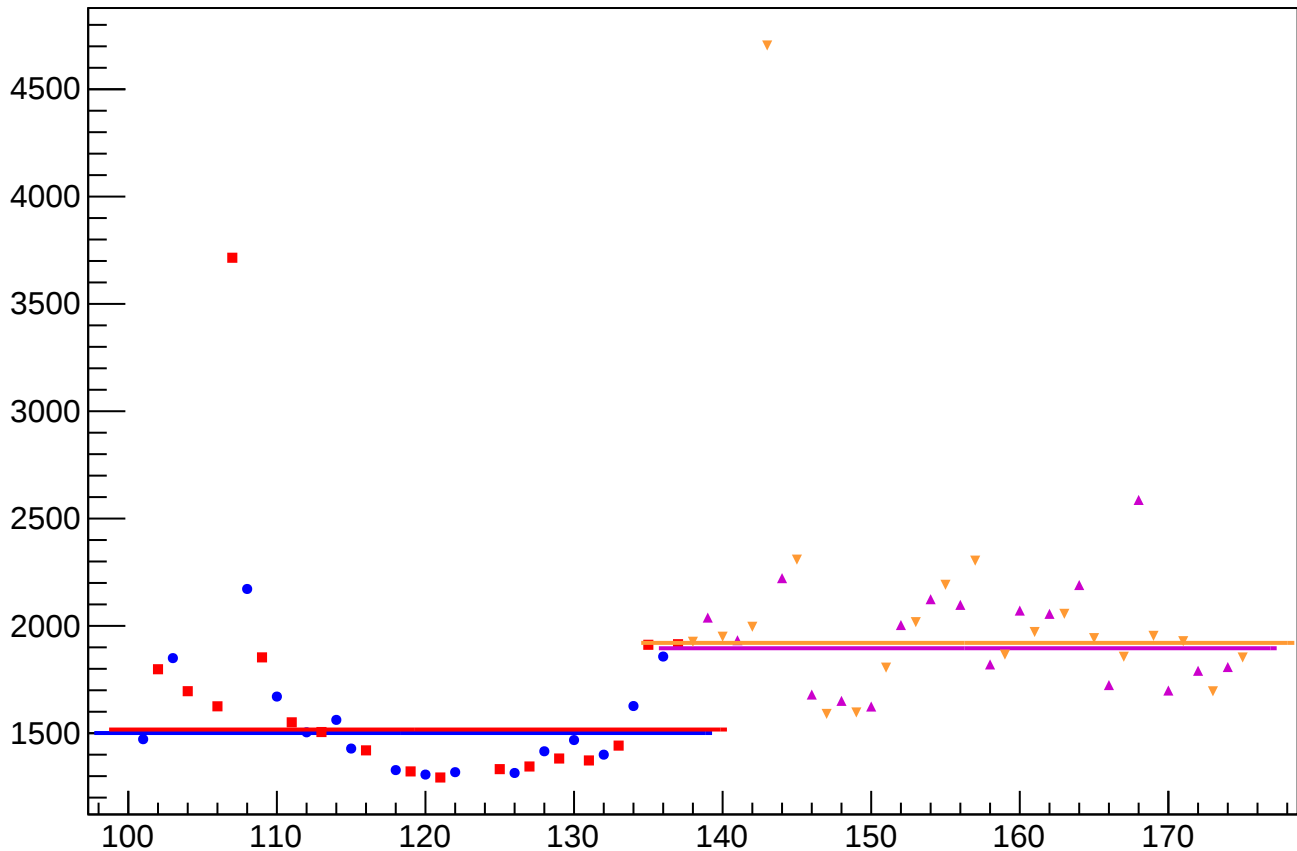
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1906.652 $\pm$ 383.595 χ^2/NDF : 20.2/33

Out: 2184.774 $\pm$ 380.820 χ^2/NDF : 57.5/36

All: 2046.722 $\pm$ 270.256 χ^2/NDF : 78.0/70

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1920.804 ± 0.354 $\chi^2/\text{NDF}: 837792.6/19$

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

Left In: 1895.778 ± 0.359 $\chi^2/\text{NDF}: 399614.3/17$

Left: 1908.456 ± 0.252 $\chi^2/\text{NDF}: 1239872.9/37$

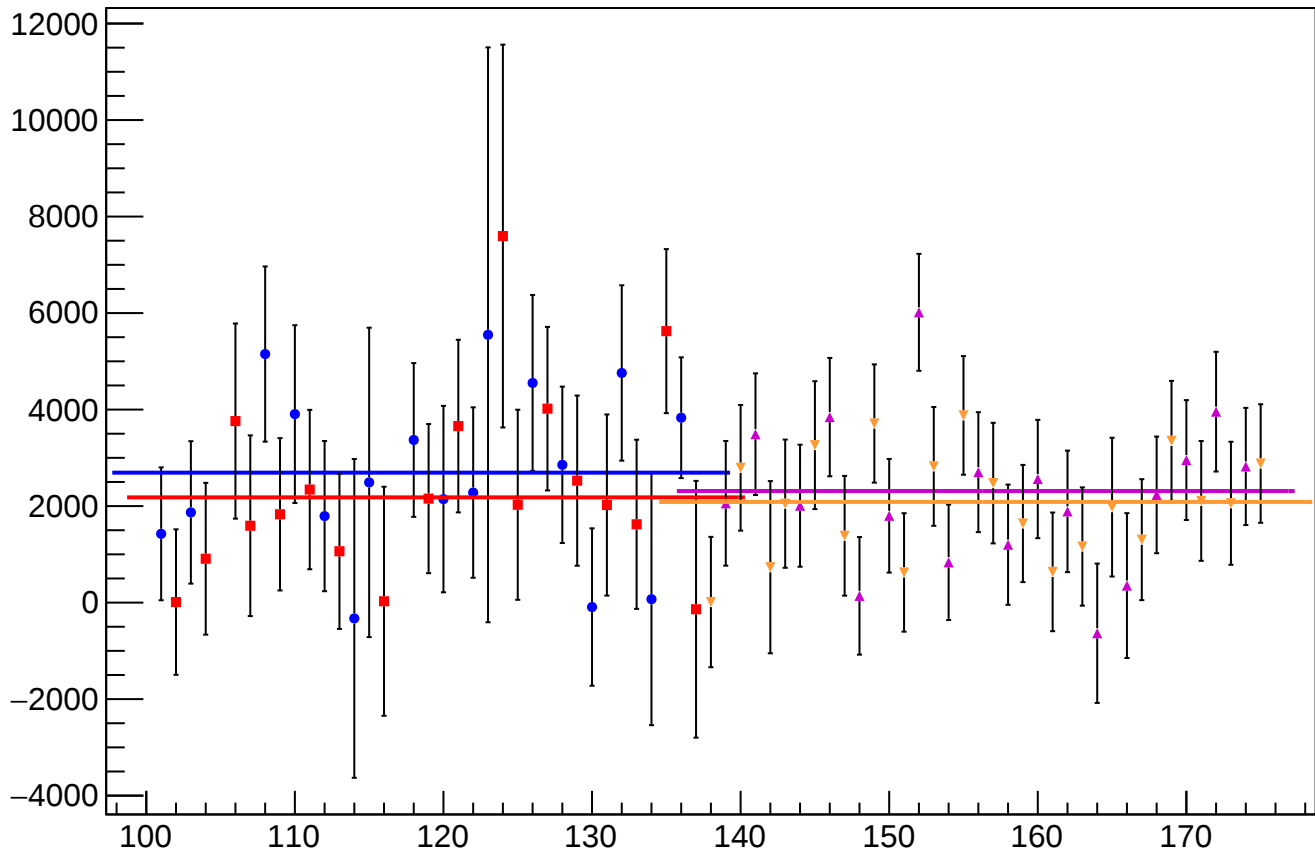
Right: 1508.969 ± 0.293 $\chi^2/\text{NDF}: 732045.6/32$

In: 1726.676 ± 0.271 $\chi^2/\text{NDF}: 1174936.6/33$

Out: 1750.705 ± 0.269 $\chi^2/\text{NDF}: 1860785.6/36$

All: 1738.778 ± 0.191 $\chi^2/\text{NDF}: 3039674.5/70$

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2086.288 $\pm$ 285.953 χ^2/NDF : 14.0/19

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

Left In: 2312.402 $\pm$ 295.315 χ^2/NDF : 25.9/17

Left: 2195.704 $\pm$ 205.429 χ^2/NDF : 40.2/37

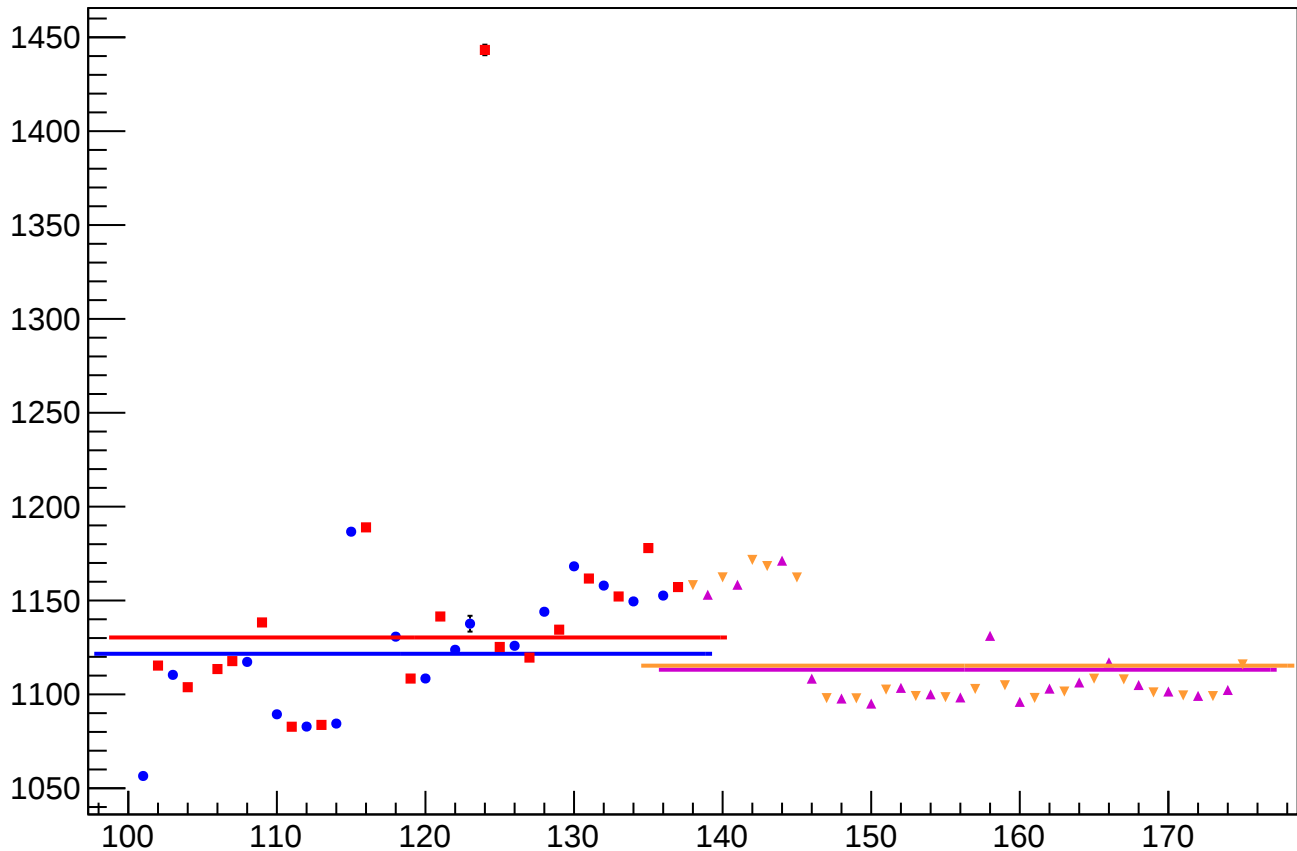
Right: 2432.714 $\pm$ 303.341 χ^2/NDF : 26.5/34

In: 2433.379 $\pm$ 243.905 χ^2/NDF : 38.7/34

Out: 2115.754 $\pm$ 237.329 χ^2/NDF : 27.6/37

All: 2270.226 $\pm$ 170.094 χ^2/NDF : 67.1/72

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1115.298 $\pm$ 0.202 χ^2 /NDF:16064.5/19

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

Left In: 1113.134 $\pm$ 0.209 χ^2 /NDF:11851.4/17

Left: 1114.251 $\pm$ 0.145 χ^2 /NDF: 27971.4/37

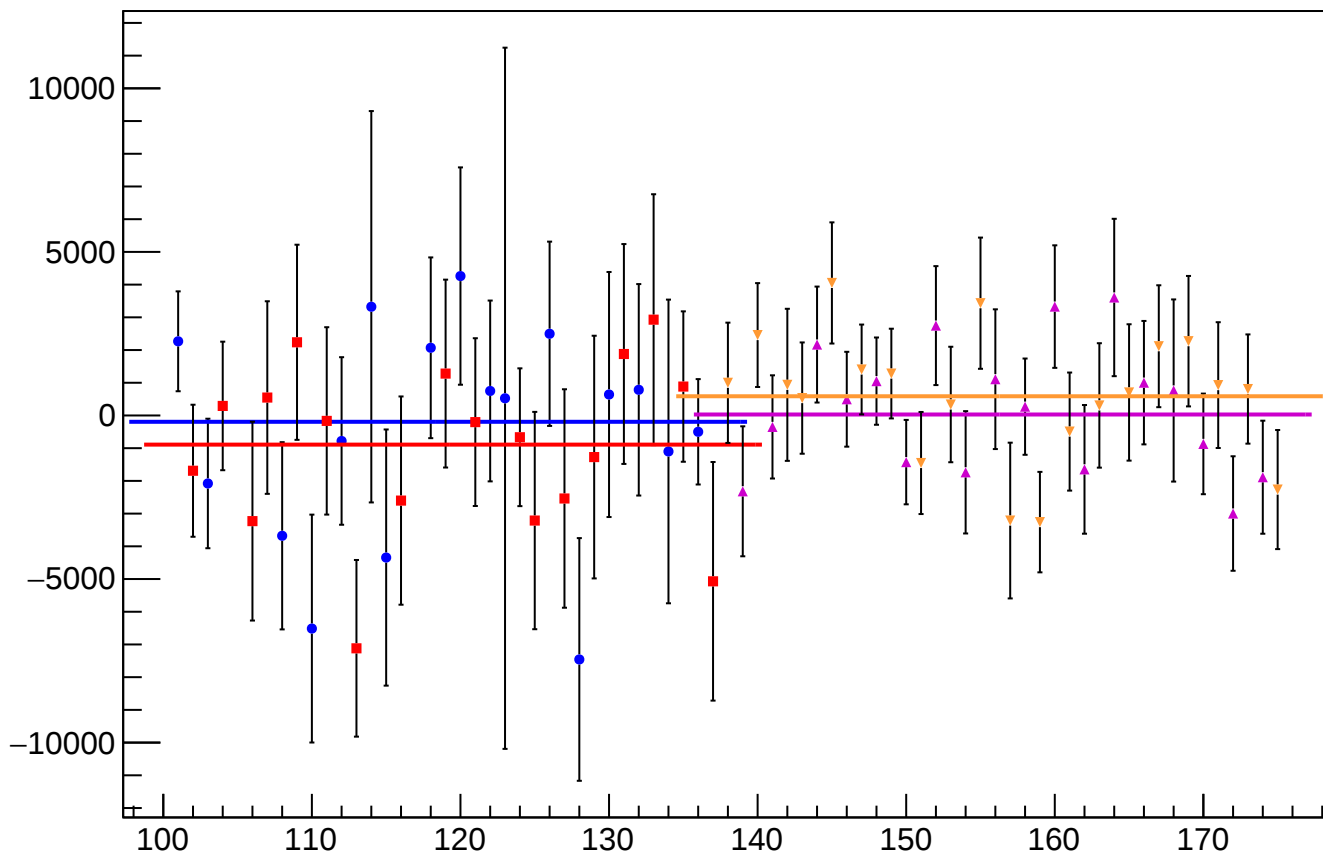
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1115.833 $\pm$ 0.172 χ^2 /NDF:24357.4/34

Out: 1119.971 $\pm$ 0.168 χ^2 /NDF:39057.1/37

All: 1117.959 $\pm$ 0.120 χ^2 /NDF: 63710.3/72

asym_usr_correction_mean vs Slug, Sign Corrected



Right In: -193.332 ± 660.359 $\chi^2/\text{NDF}: 17.4/16$

Left Out: 587.297 ± 393.999 $\chi^2/\text{NDF}: 22.4/19$

Right Out: -891.057 ± 649.405 $\chi^2/\text{NDF}: 13.1/17$

Left In: 29.715 ± 405.124 $\chi^2/\text{NDF}: 19.2/17$

Left: 316.267 ± 282.451 $\chi^2/\text{NDF}: 42.6/37$

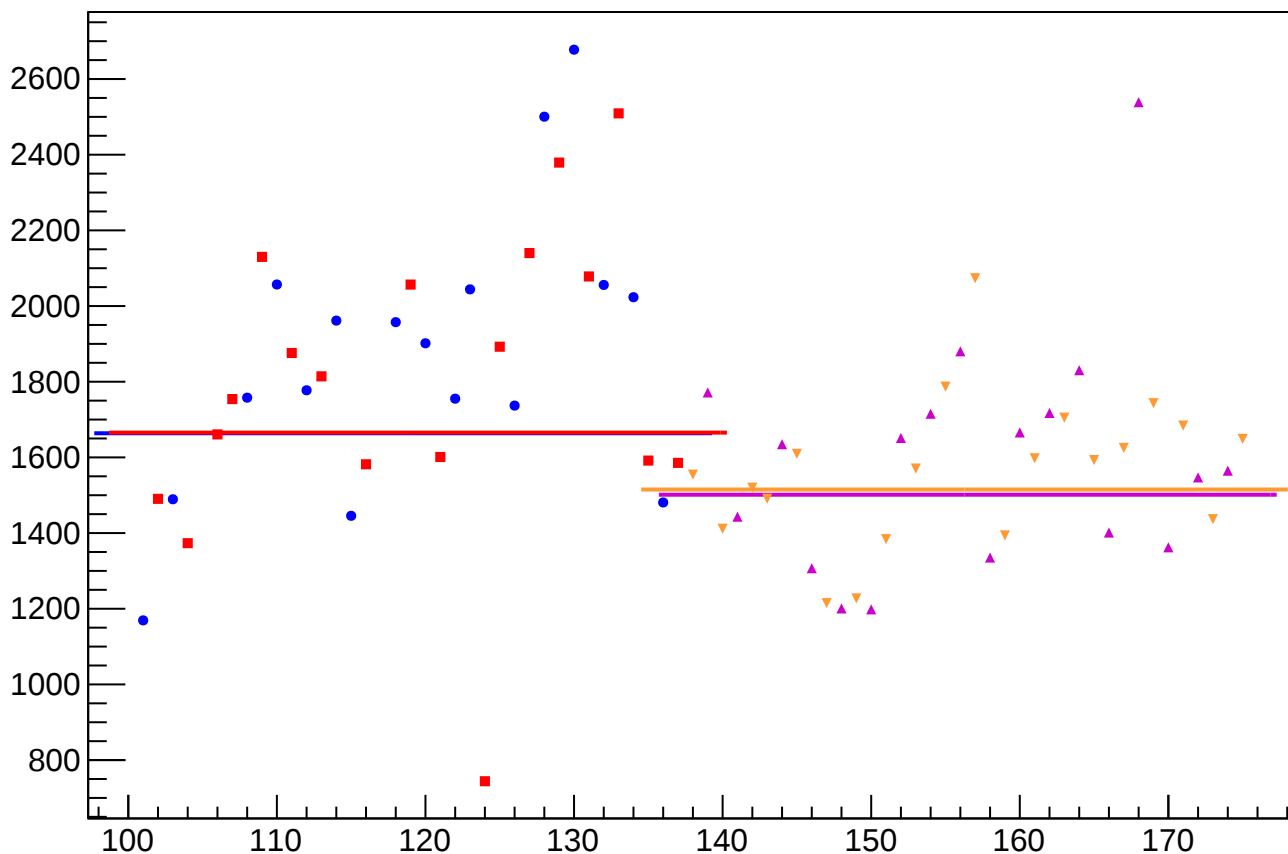
Right: -548.030 ± 463.023 $\chi^2/\text{NDF}: 31.0/34$

In: -31.278 ± 345.319 $\chi^2/\text{NDF}: 36.7/34$

Out: 189.536 ± 336.851 $\chi^2/\text{NDF}: 39.3/37$

All: 81.870 ± 241.128 $\chi^2/\text{NDF}: 76.2/72$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1515.087+/-0.279 χ^2/NDF : 464794.3/19

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

Left In: 1501.372+/-0.286 χ^2/NDF : 807888.4/17

Left: 1508.421+/-0.200 χ^2/NDF : 1273860.7/37

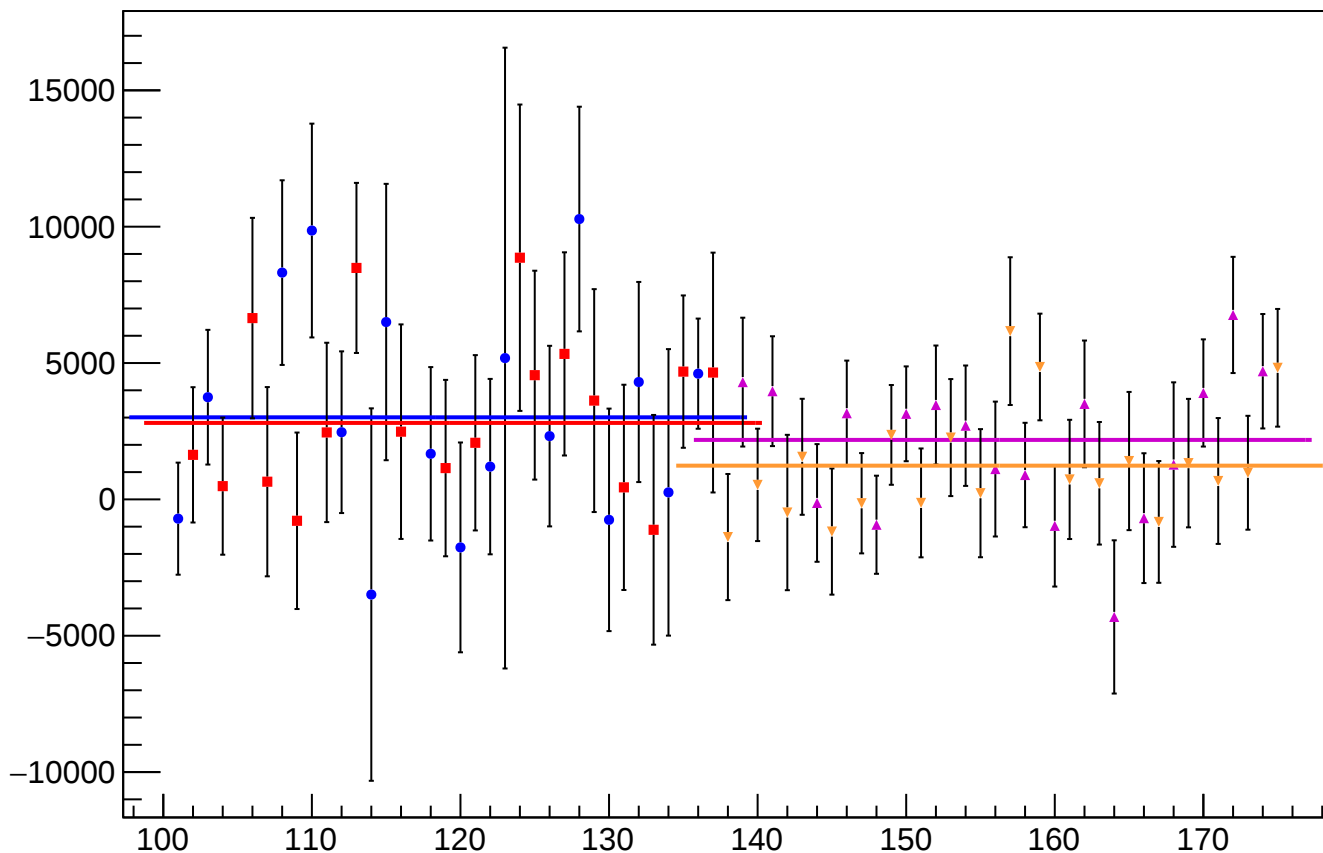
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1545.783+/-0.244 χ^2/NDF : 1518257.0/34

Out: 1555.548+/-0.238 χ^2/NDF : 1345975.1/37

All: 1550.786+/-0.171 χ^2/NDF : 2865051.6/72

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1236.728+/-489.649 χ^2/NDF : 15.3/19

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

Left In: 2180.938+/-505.925 χ^2/NDF : 23.4/17

Left: 1693.401+/-351.848 χ^2/NDF : 40.4/37

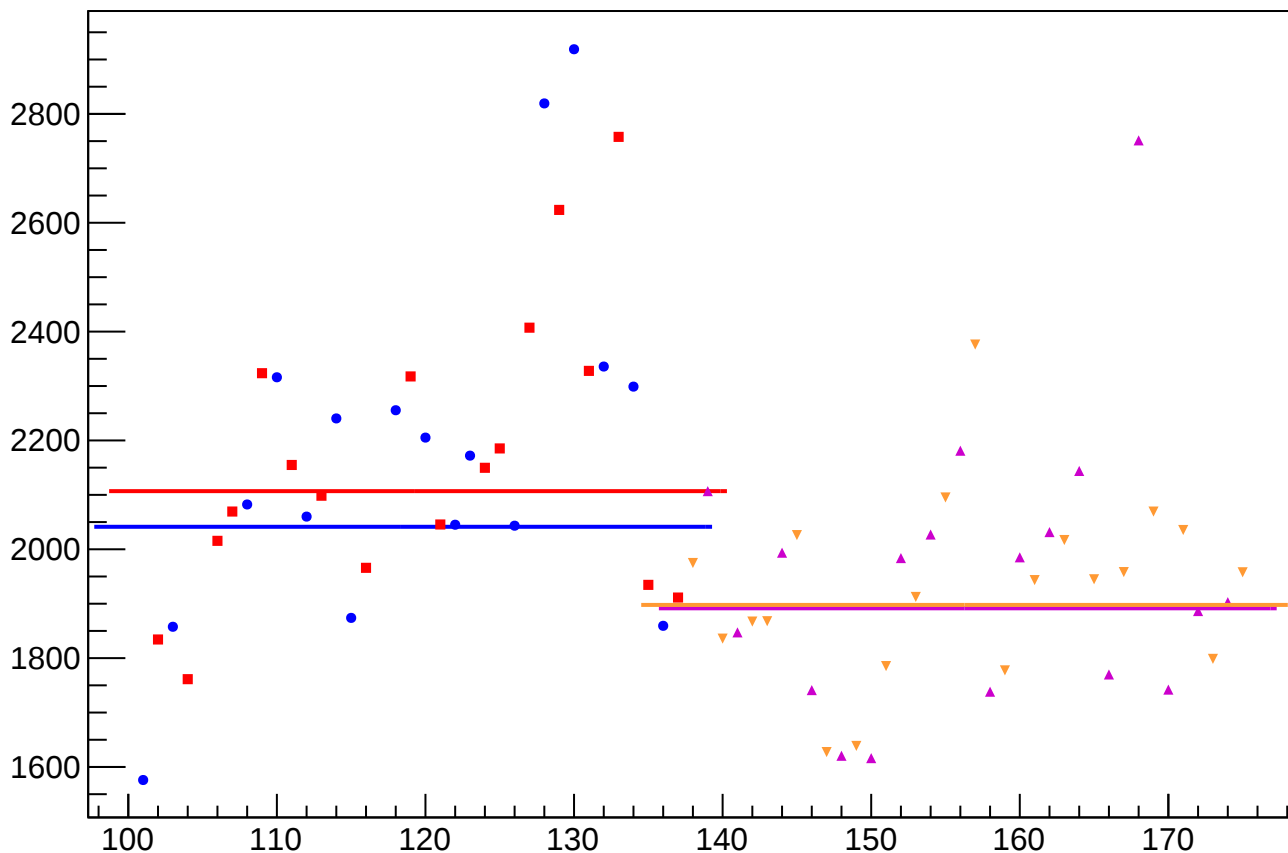
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2417.704+/-427.540 χ^2/NDF : 41.5/34

Out: 1664.161+/-417.574 χ^2/NDF : 29.3/37

All: 2032.047+/-298.731 χ^2/NDF : 72.4/72

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1897.779+/-0.346 χ^2/NDF : 217100.4/19

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

Left In: 1891.536+/-0.358 χ^2/NDF : 387396.7/17

Left: 1894.759+/-0.249 χ^2/NDF : 604654.4/37

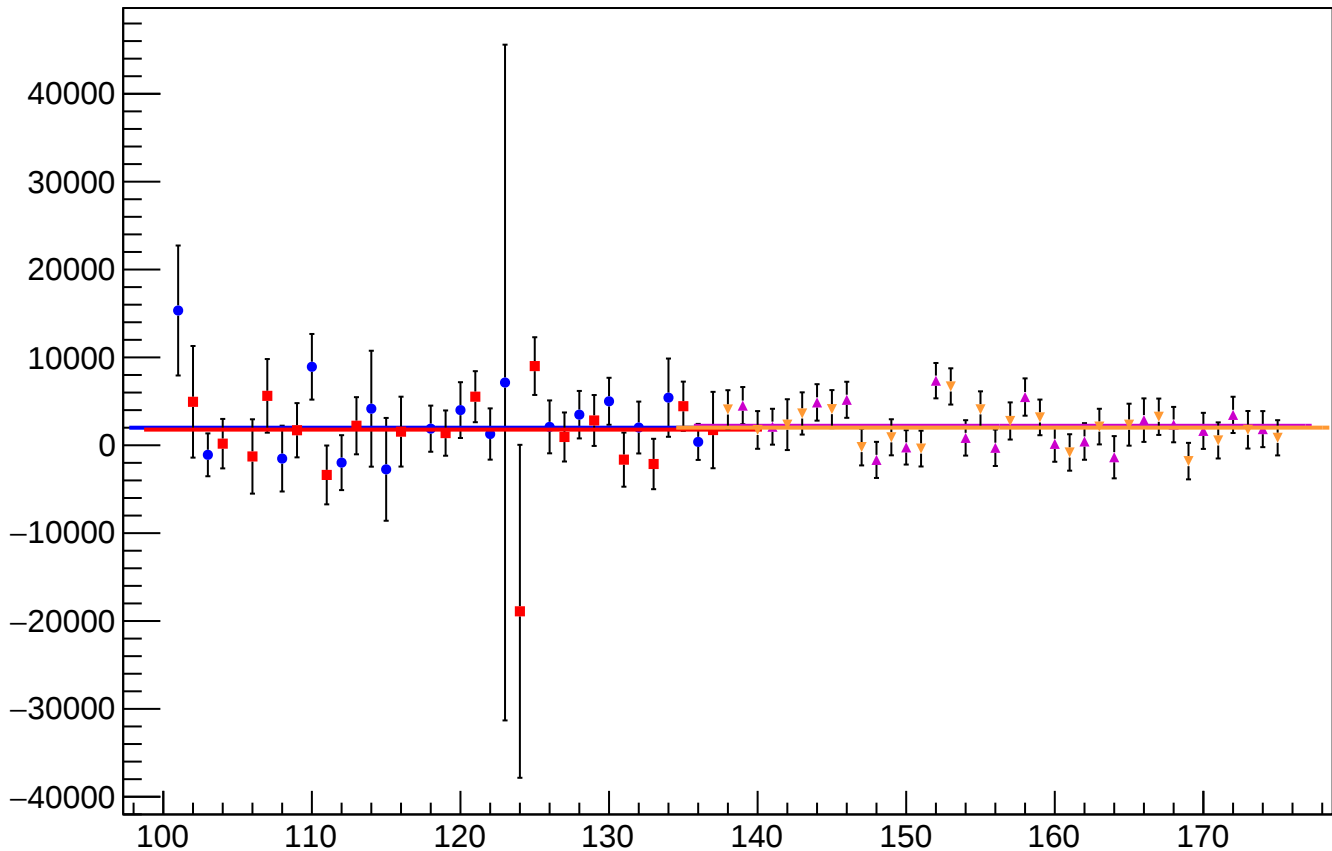
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1934.362+/-0.302 χ^2/NDF : 775965.1/34

Out: 1954.797+/-0.295 χ^2/NDF : 513260.4/37

All: 1944.821+/-0.211 χ^2/NDF : 1291564.0/72

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2008.162 $\pm$ 476.743 χ^2 /NDF:18.2/19

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

Left In: 2216.962 $\pm$ 491.293 χ^2 /NDF:25.4/17

Left: 2109.424 $\pm$ 342.136 χ^2 /NDF: 43.7/37

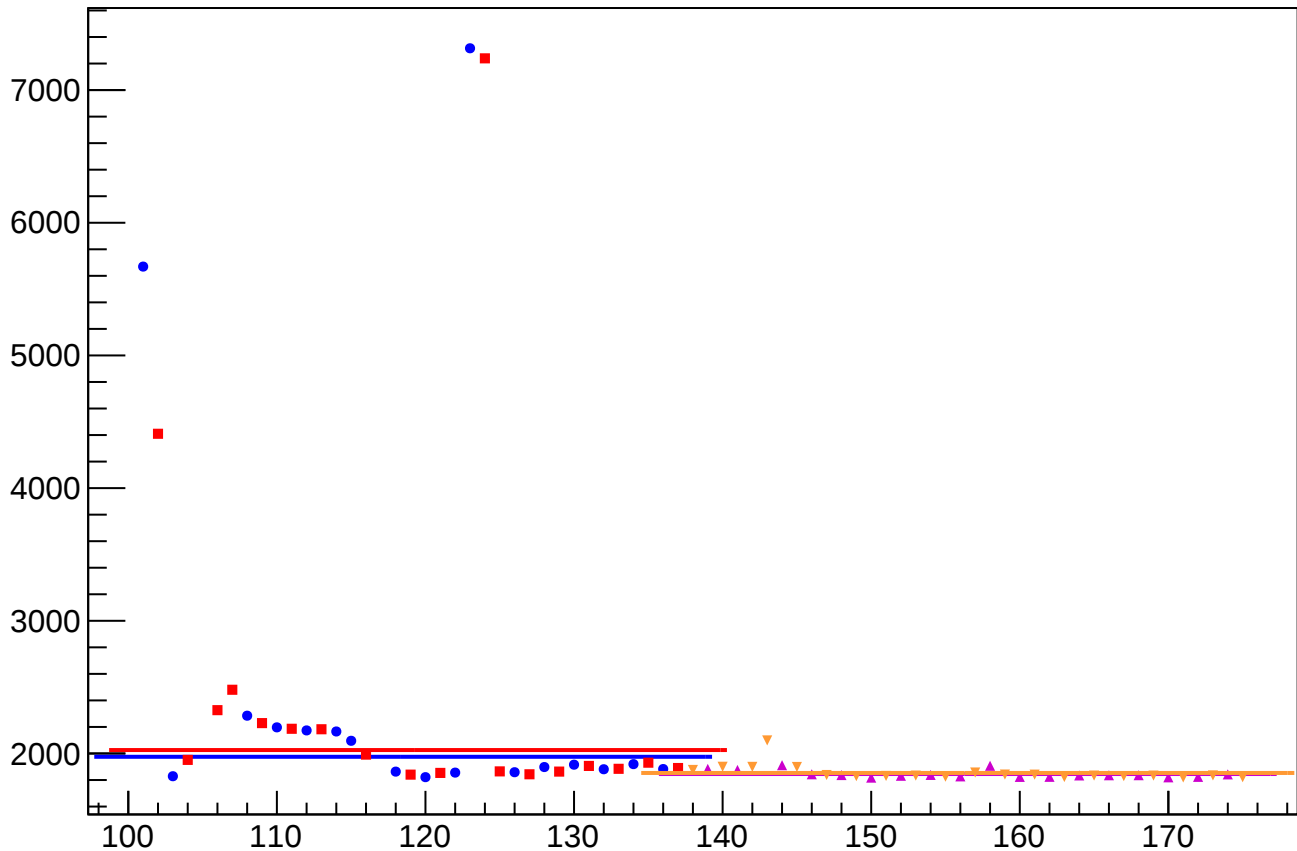
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2155.489 $\pm$ 415.948 χ^2 /NDF:40.2/34

Out: 1946.814 $\pm$ 407.038 χ^2 /NDF:34.5/37

All: 2048.893 $\pm$ 290.918 χ^2 /NDF: 74.9/72

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1853.227+/-0.337 χ^2/NDF : 26959.7/19

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

Left In: 1845.201+/-0.347 χ^2/NDF : 6597.6/17

Left: 1849.335+/-0.242 χ^2/NDF : 33832.2/37

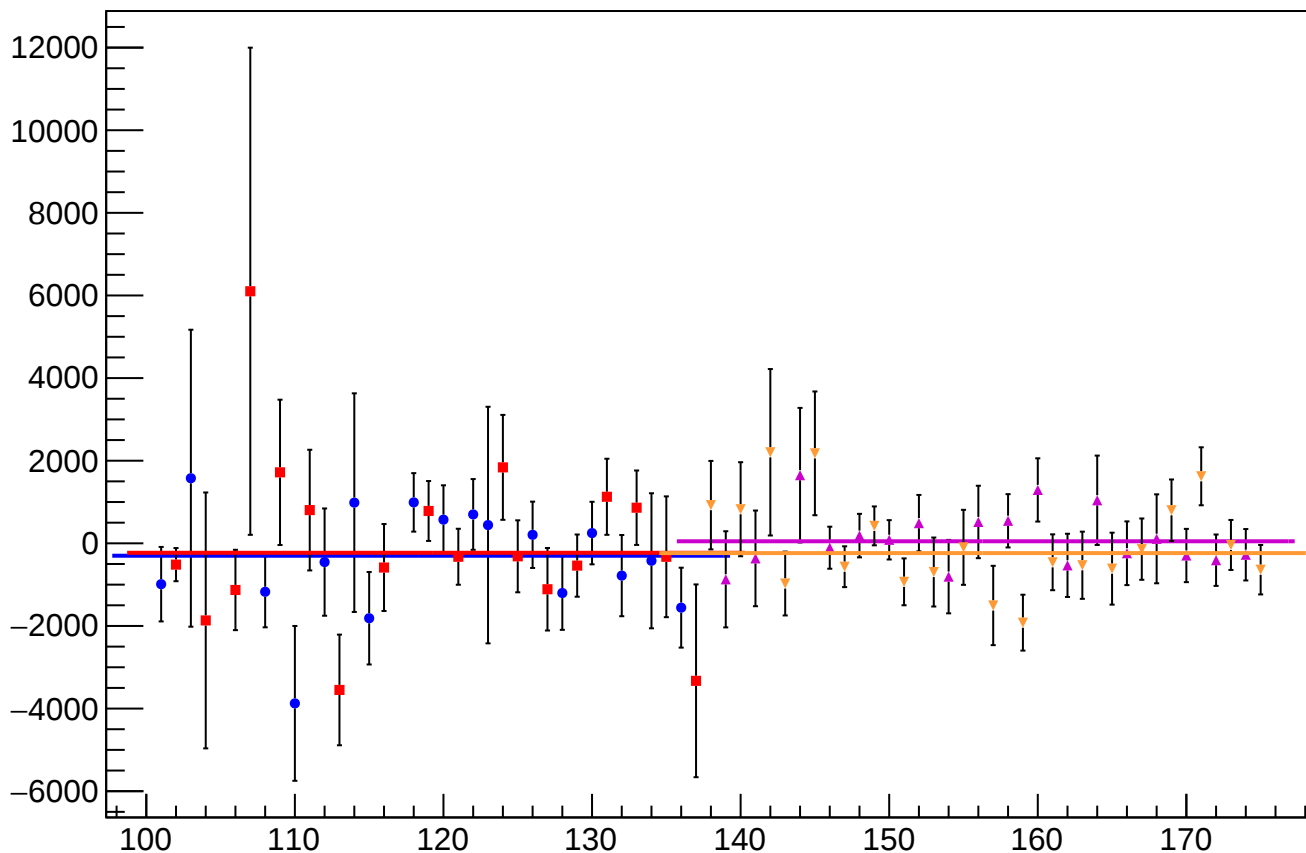
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1881.991+/-0.294 χ^2/NDF : 646031.2/34

Out: 1900.021+/-0.288 χ^2/NDF : 633434.1/37

All: 1891.201+/-0.206 χ^2/NDF : 1281385.0/72

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -236.257 $\pm$ 162.584 χ^2/NDF : 29.2/19

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

Left In: 49.852 $\pm$ 168.455 χ^2/NDF : 9.4/17

Left: -98.274 $\pm$ 116.985 χ^2/NDF : 40.1/37

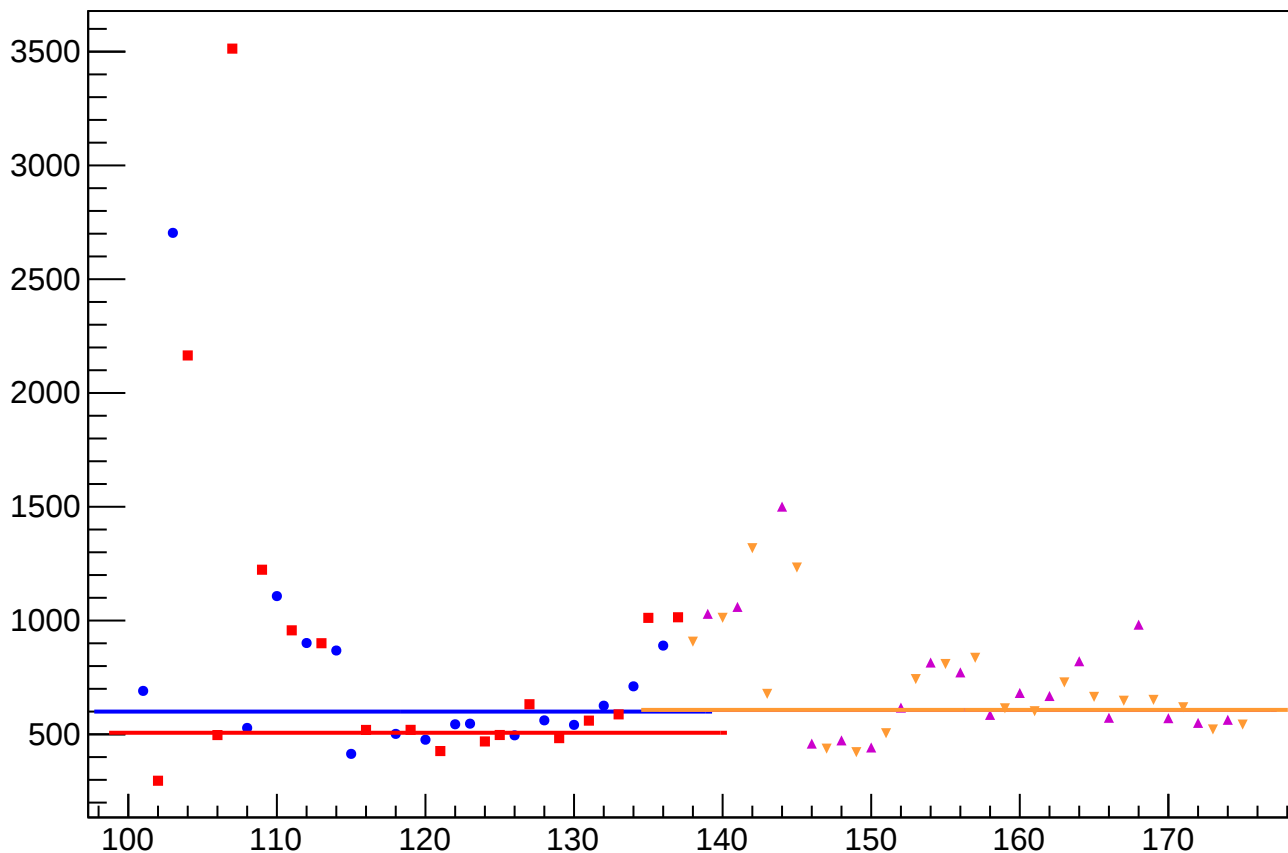
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

In: -61.447 $\pm$ 139.101 χ^2/NDF : 28.1/34

Out: -233.552 $\pm$ 129.817 χ^2/NDF : 50.9/37

All: -153.434 $\pm$ 94.907 χ^2/NDF : 79.9/72

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.382 $\pm$ 0.115 χ^2 /NDF: 2033257.5/19

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

Left In: 606.908 $\pm$ 0.119 χ^2 /NDF: 2281656.2/17

Left: 607.153 $\pm$ 0.083 χ^2 /NDF: 4314921.9/37

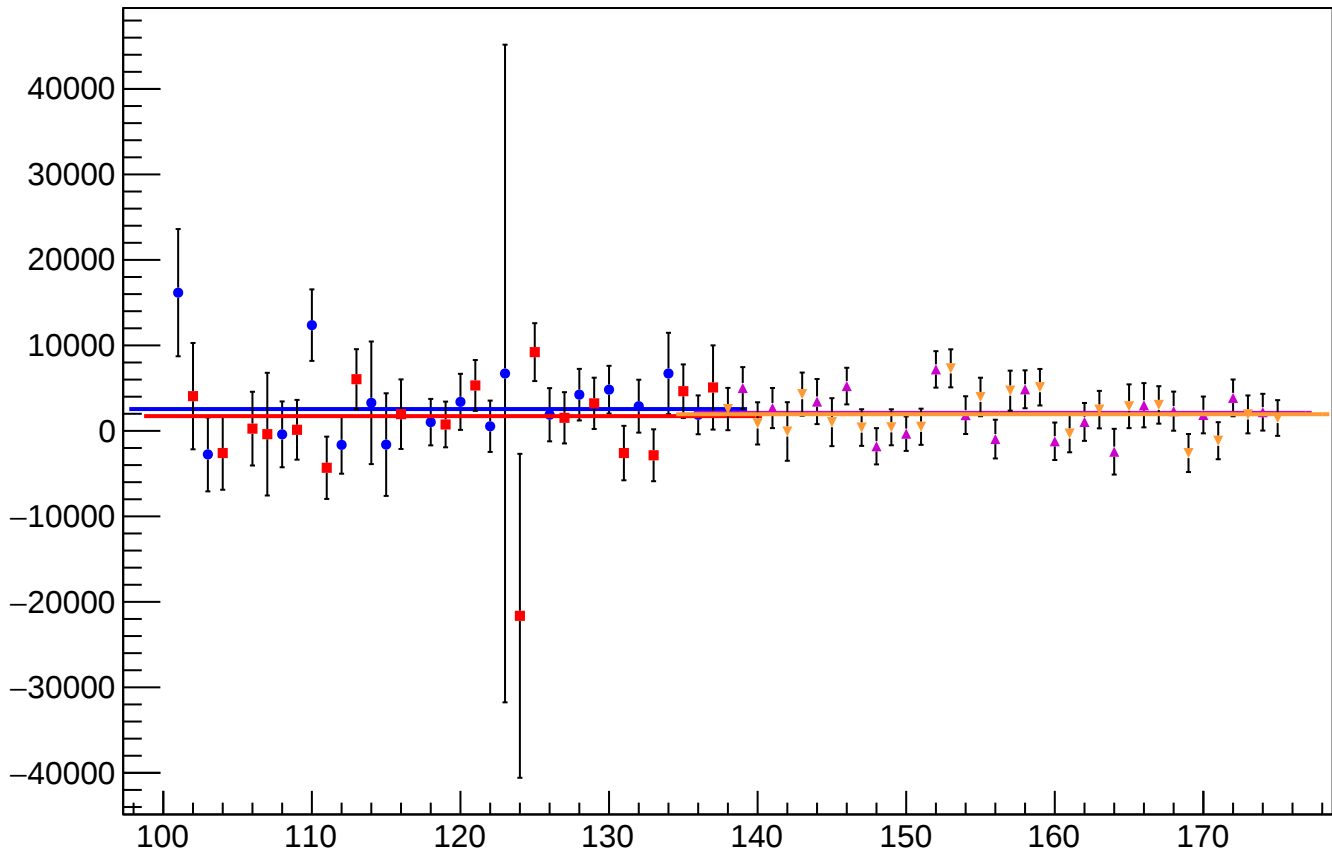
Right: 547.202 $\pm$ 0.115 χ^2 /NDF: 4303374.7/34

In: 604.695 $\pm$ 0.098 χ^2 /NDF: 3663790.0/34

Out: 570.952 $\pm$ 0.092 χ^2 /NDF: 5071153.2/37

All: 586.660 $\pm$ 0.067 χ^2 /NDF: 8797846.3/72

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1948.268 $\pm$ 513.734 χ^2/NDF : 21.1/19

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

Left In: 2105.741 $\pm$ 531.348 χ^2/NDF : 24.0/17

Left: 2024.351 $\pm$ 369.335 χ^2/NDF : 45.1/37

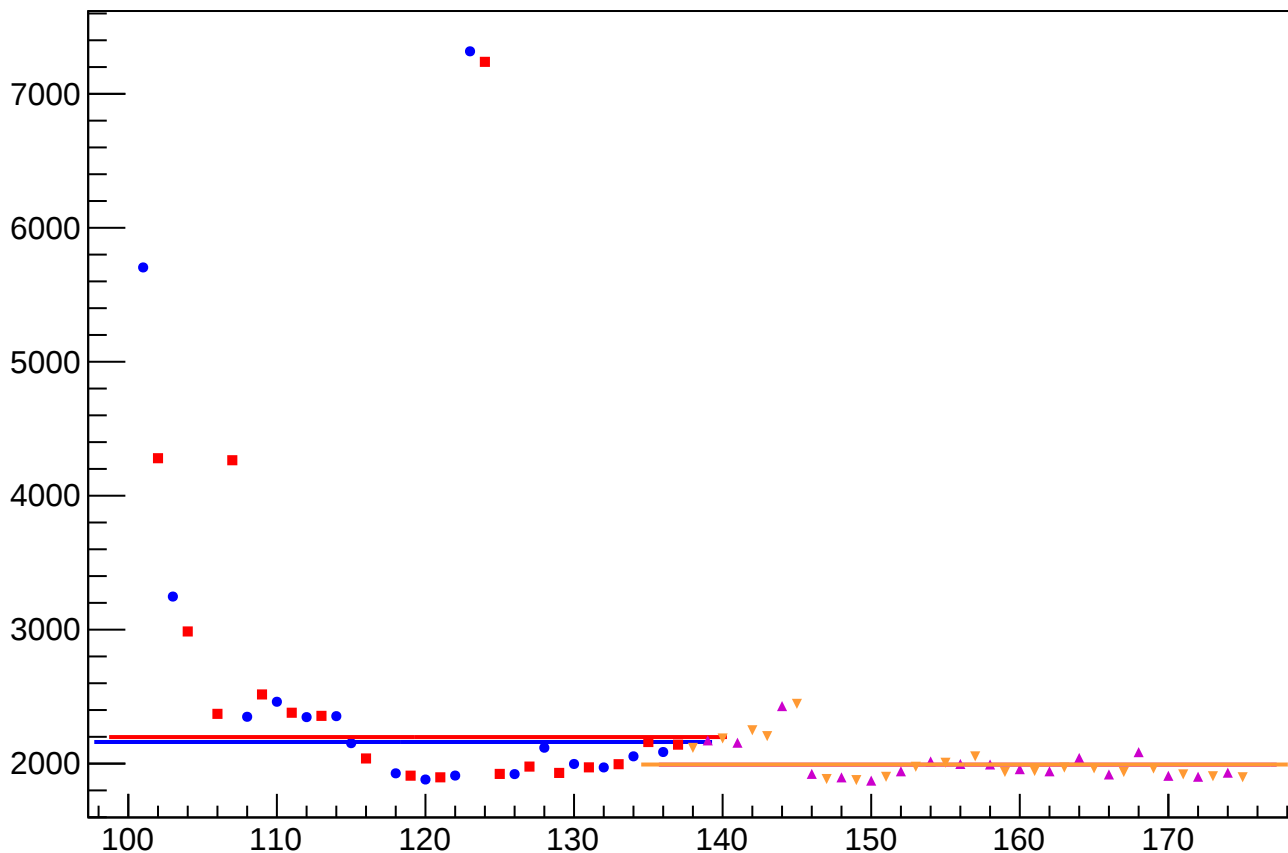
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2229.699 $\pm$ 451.870 χ^2/NDF : 39.9/34

Out: 1889.609 $\pm$ 440.378 χ^2/NDF : 40.7/37

All: 2055.275 $\pm$ 315.379 χ^2/NDF : 80.9/72

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1993.197 $\pm$ 0.363 χ^2 /NDF: 125364.1/19

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

Left In: 1992.078 $\pm$ 0.376 χ^2 /NDF: 105261.2/17

Left: 1992.656 $\pm$ 0.261 χ^2 /NDF: 230629.9/37

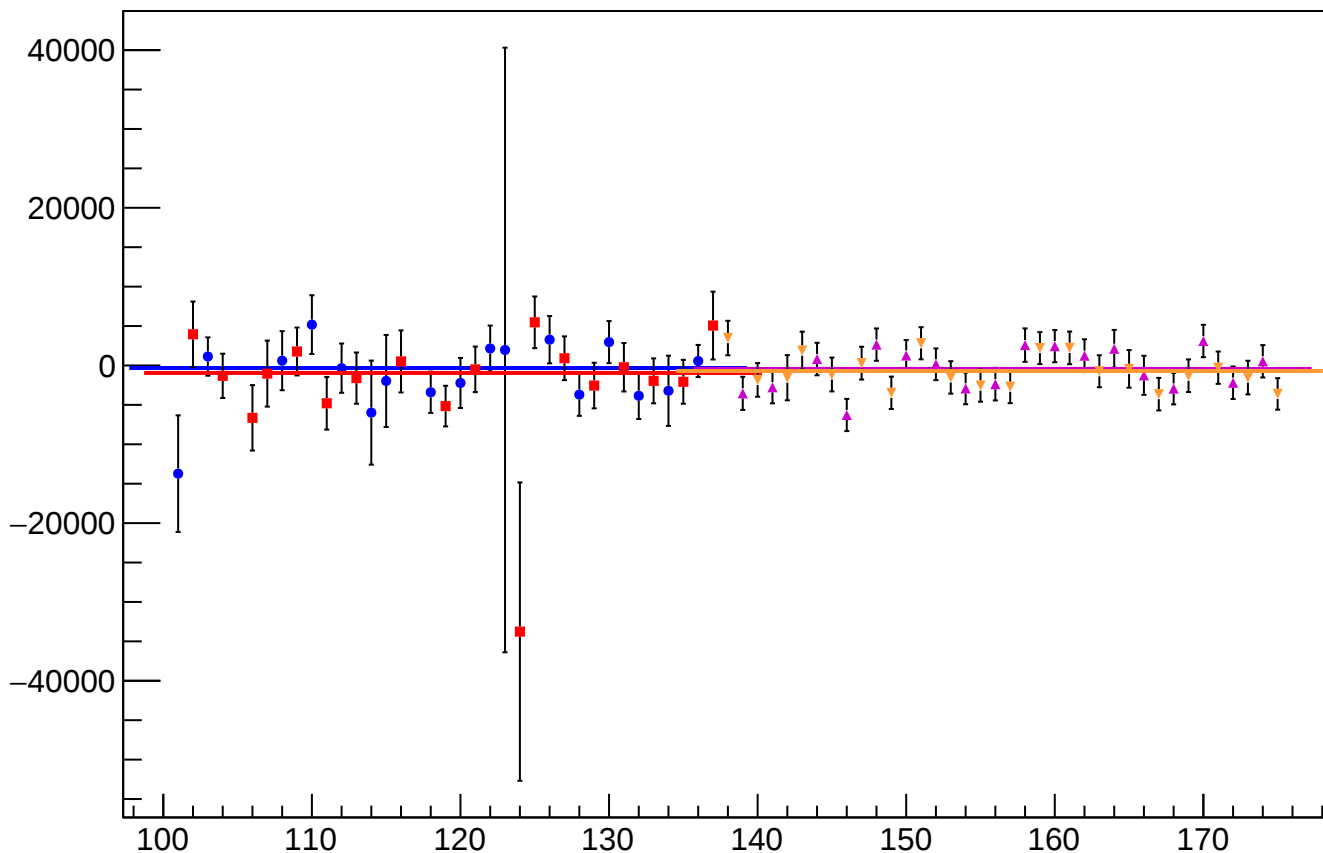
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2038.948 $\pm$ 0.320 χ^2 /NDF: 872739.6/34

Out: 2047.558 $\pm$ 0.311 χ^2 /NDF: 943683.2/37

All: 2043.364 $\pm$ 0.223 χ^2 /NDF: 1816795.1/72

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -703.004+/-475.454 χ^2/NDF : 20.6/19

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

Left In: -439.562+/-490.223 χ^2/NDF : 28.9/17

Left: -575.311+/-341.299 χ^2/NDF : 49.7/37

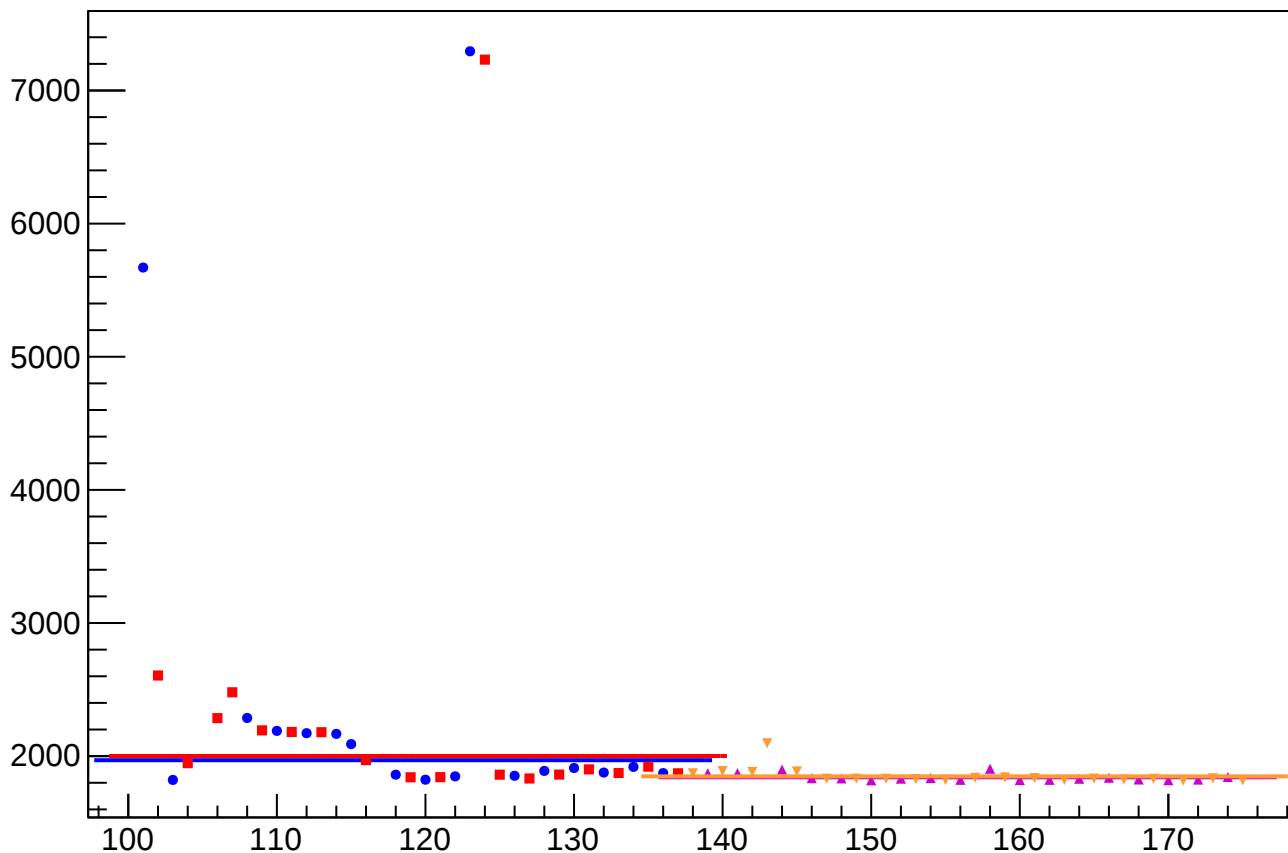
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -406.736+/-414.982 χ^2/NDF : 44.7/34

Out: -771.505+/-404.588 χ^2/NDF : 38.9/37

All: -593.746+/-289.692 χ^2/NDF : 84.0/72

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1848.296+/-0.336 χ^2/NDF : 26167.0/19

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

Left In: 1841.233+/-0.347 χ^2/NDF : 5746.5/17

Left: 1844.873+/-0.241 χ^2/NDF : 32127.5/37

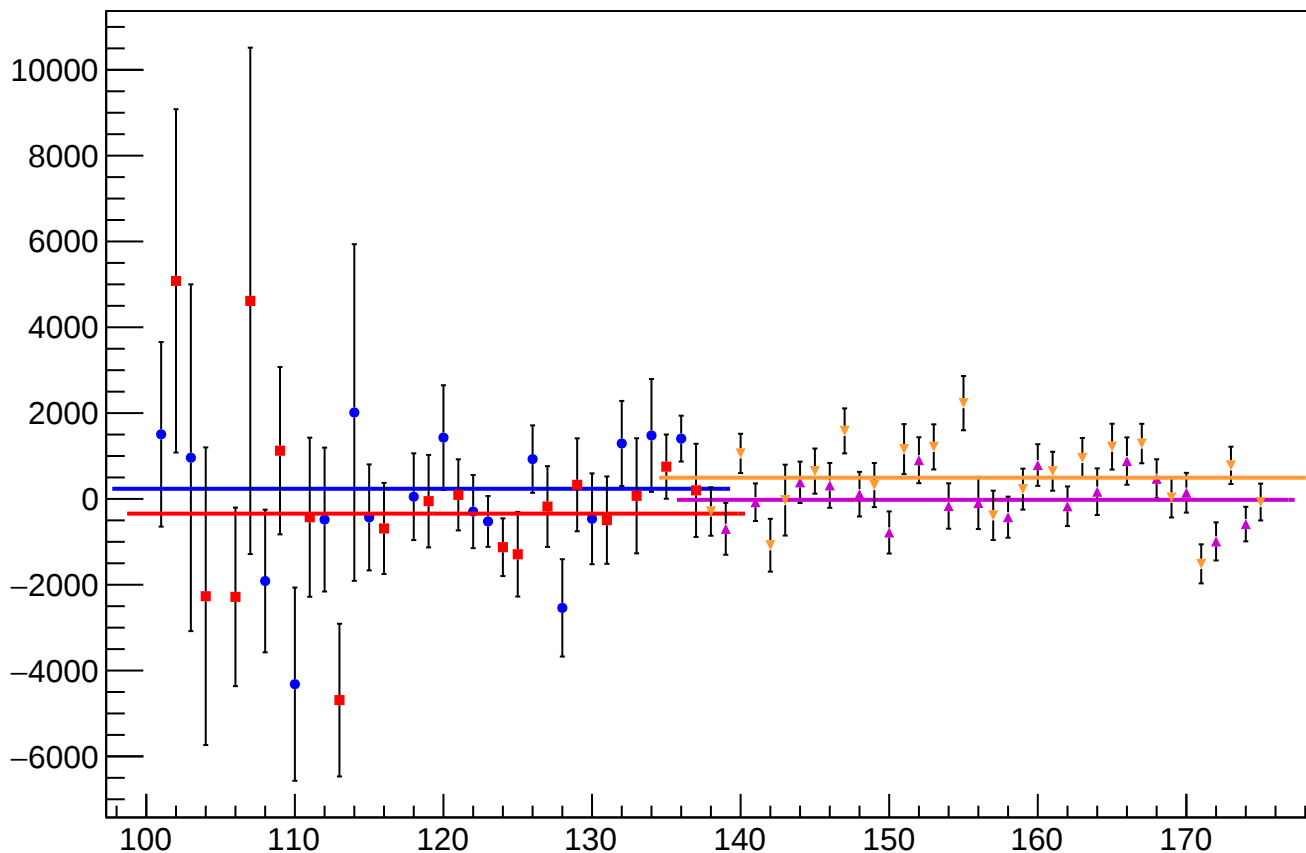
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1877.584+/-0.293 χ^2/NDF : 647358.3/34

Out: 1890.474+/-0.286 χ^2/NDF : 373840.4/37

All: 1884.192+/-0.205 χ^2/NDF : 1022187.9/72

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 494.837 $\pm$ 113.659 χ^2 /NDF:56.8/19

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

Left In: -21.064 $\pm$ 116.062 χ^2 /NDF:22.4/17

Left: 242.281 $\pm$ 81.205 χ^2 /NDF: 89.3/37

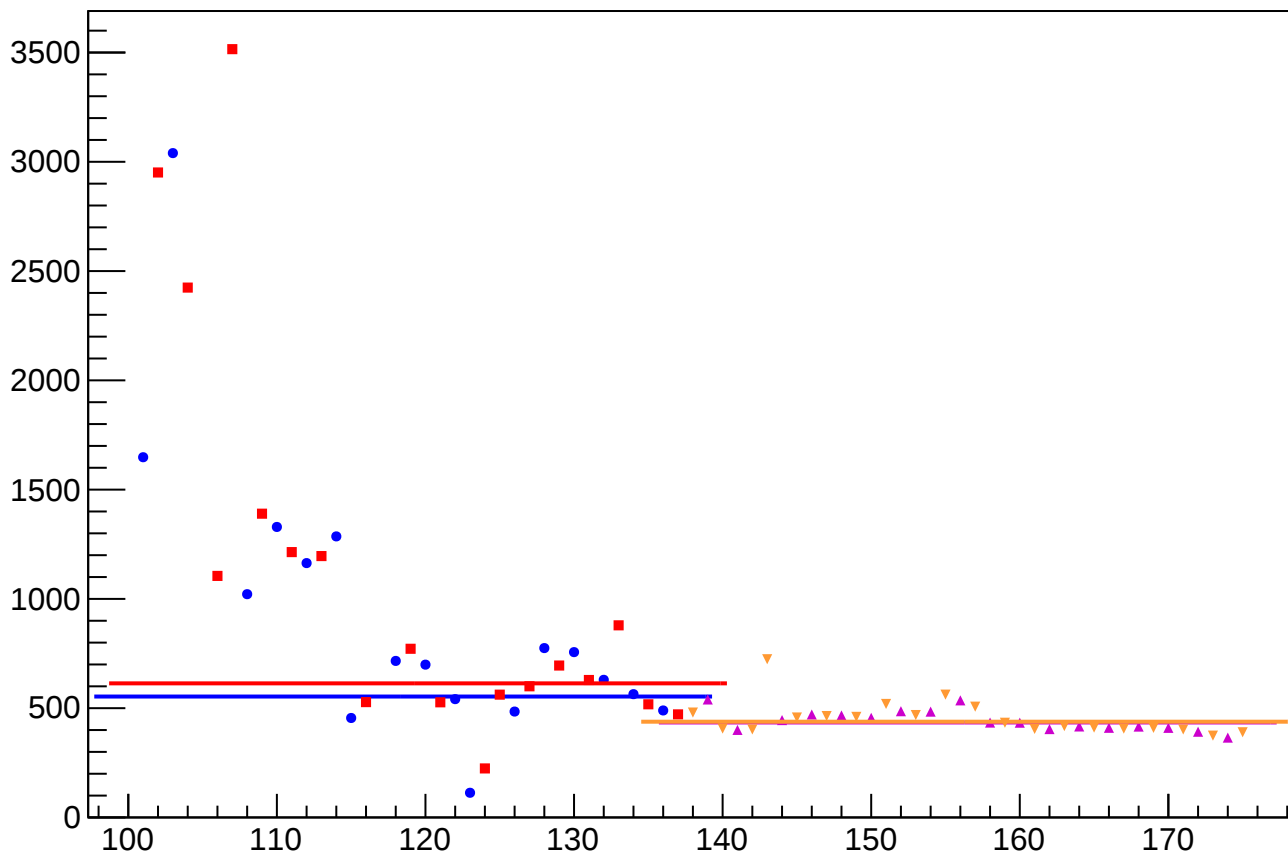
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 25.092 $\pm$ 105.166 χ^2 /NDF:47.1/34

Out: 367.612 $\pm$ 104.672 χ^2 /NDF:81.0/37

All: 197.157 $\pm$ 74.188 χ^2 /NDF: 133.5/72

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 438.121+/-0.080 χ^2/NDF : 546285.0/19

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

Left In: 434.524+/-0.082 χ^2/NDF : 287446.1/17

Left: 436.360+/-0.057 χ^2/NDF : 834712.0/37

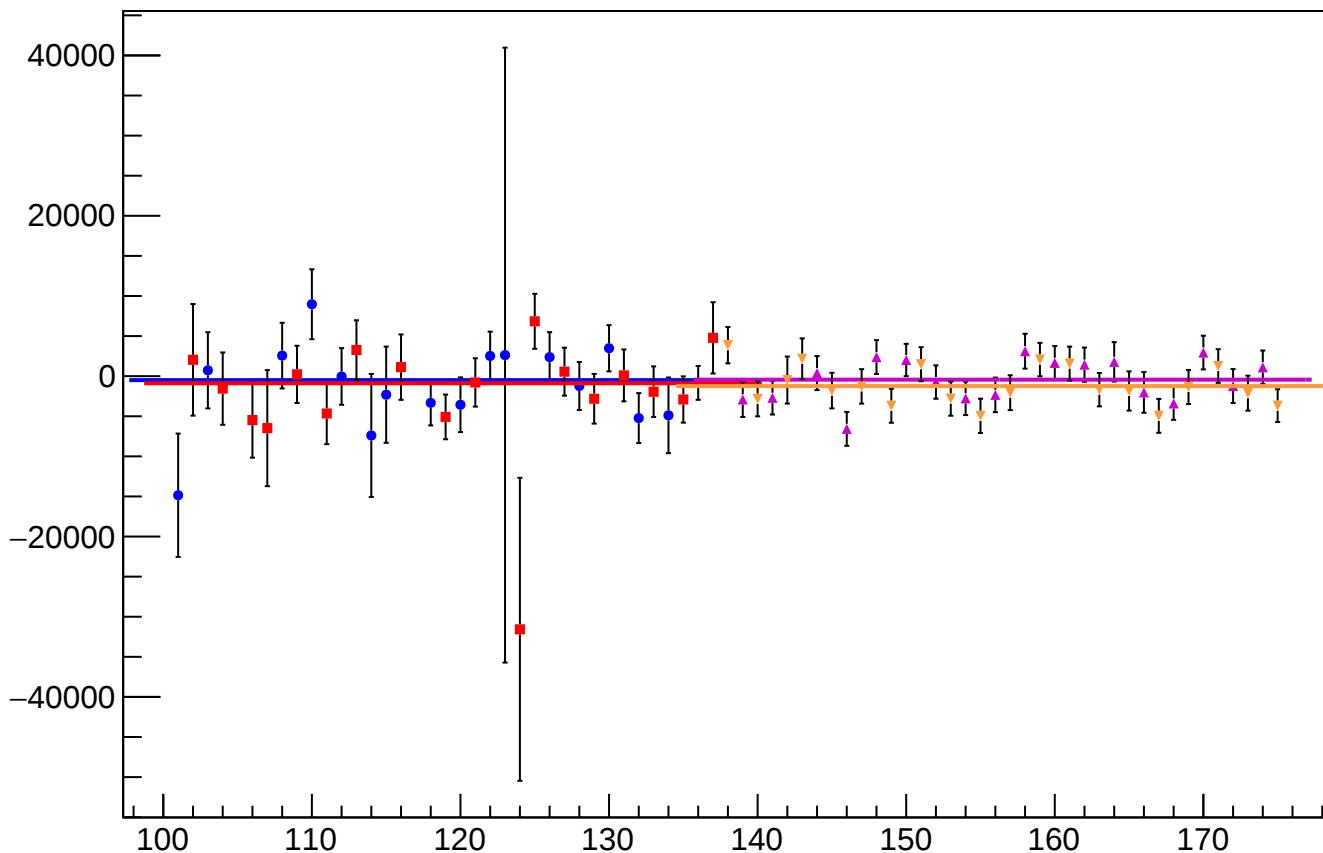
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 455.775+/-0.074 χ^2/NDF : 4074905.0/34

Out: 464.770+/-0.074 χ^2/NDF : 4746550.8/37

All: 460.294+/-0.052 χ^2/NDF : 8828806.4/72

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1234.775+/-490.010 χ^2/NDF : 24.7/19

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

Left In: -437.584+/-504.466 χ^2/NDF : 27.3/17

Left: -847.765+/-351.489 χ^2/NDF : 53.3/37

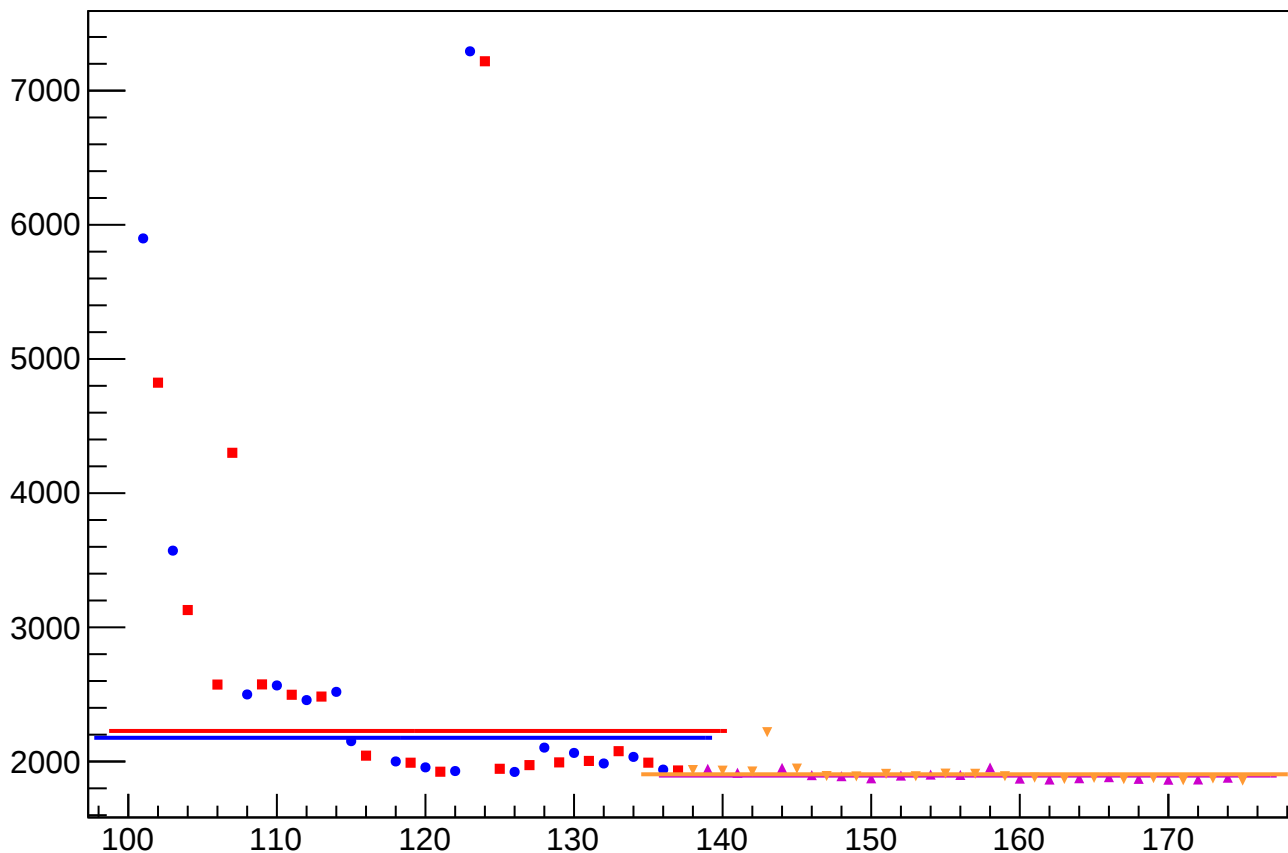
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -451.309+/-436.153 χ^2/NDF : 45.9/34

Out: -1150.329+/-426.846 χ^2/NDF : 42.1/37

All: -808.357+/-305.063 χ^2/NDF : 89.3/72

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1904.733+/-0.346 χ^2/NDF : 36895.1/19

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

Left In: 1894.880+/-0.357 χ^2/NDF : 6493.7/17

Left: 1899.950+/-0.249 χ^2/NDF : 43781.5/37

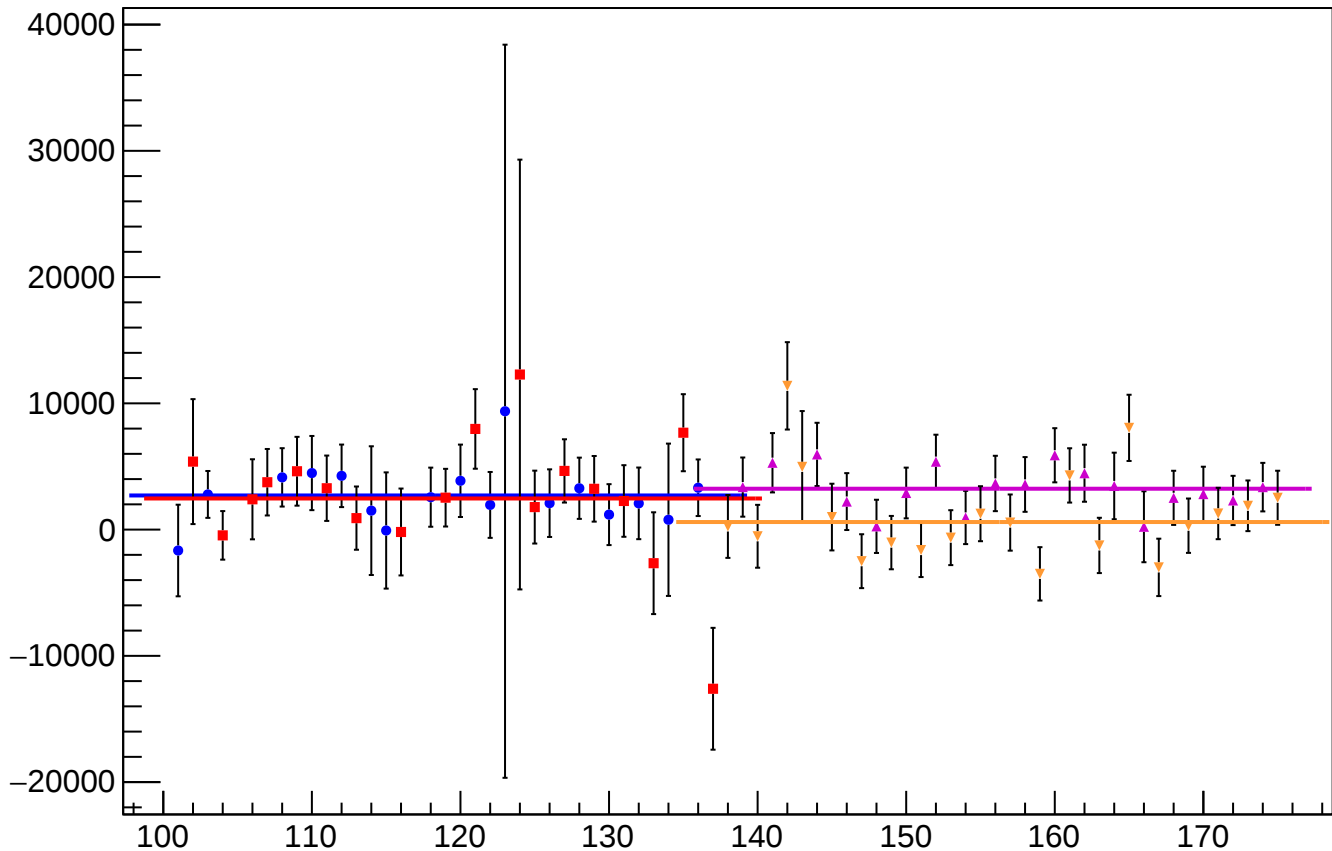
Right: 2202.183+/-0.434 χ^2/NDF : 1631783.3/34

In: 1966.049+/-0.308 χ^2/NDF : 966825.6/34

Out: 1982.628+/-0.302 χ^2/NDF : 1072100.7/37

All: 1974.517+/-0.216 χ^2/NDF : 2040402.3/72

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 599.828 ± 513.097 χ^2/NDF : 34.5/19

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

Left In: 3237.253 ± 519.541 χ^2/NDF : 9.8/17

Left: 1902.084 ± 365.071 χ^2/NDF : 57.3/37

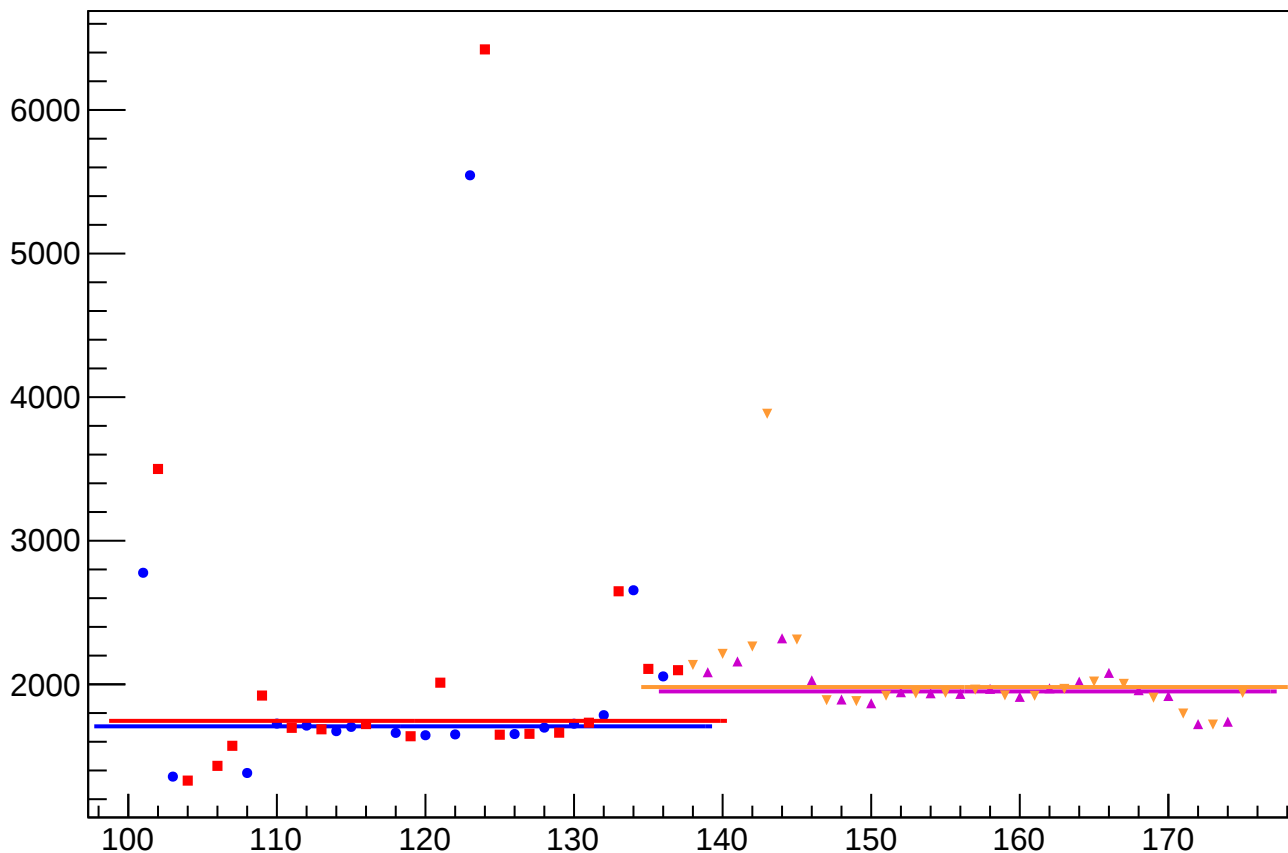
Right: 2585.697 ± 479.799 χ^2/NDF : 27.3/34

In: 3038.278 ± 411.459 χ^2/NDF : 14.2/34

Out: 1272.213 ± 410.293 χ^2/NDF : 62.4/37

All: 2152.741 ± 290.532 χ^2/NDF : 85.9/72

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1981.065 $\pm$ 0.363 χ^2/NDF : 508782.9/19

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

Left In: 1950.603 $\pm$ 0.367 χ^2/NDF : 131508.9/17

Left: 1966.024 $\pm$ 0.258 χ^2/NDF : 643772.5/37

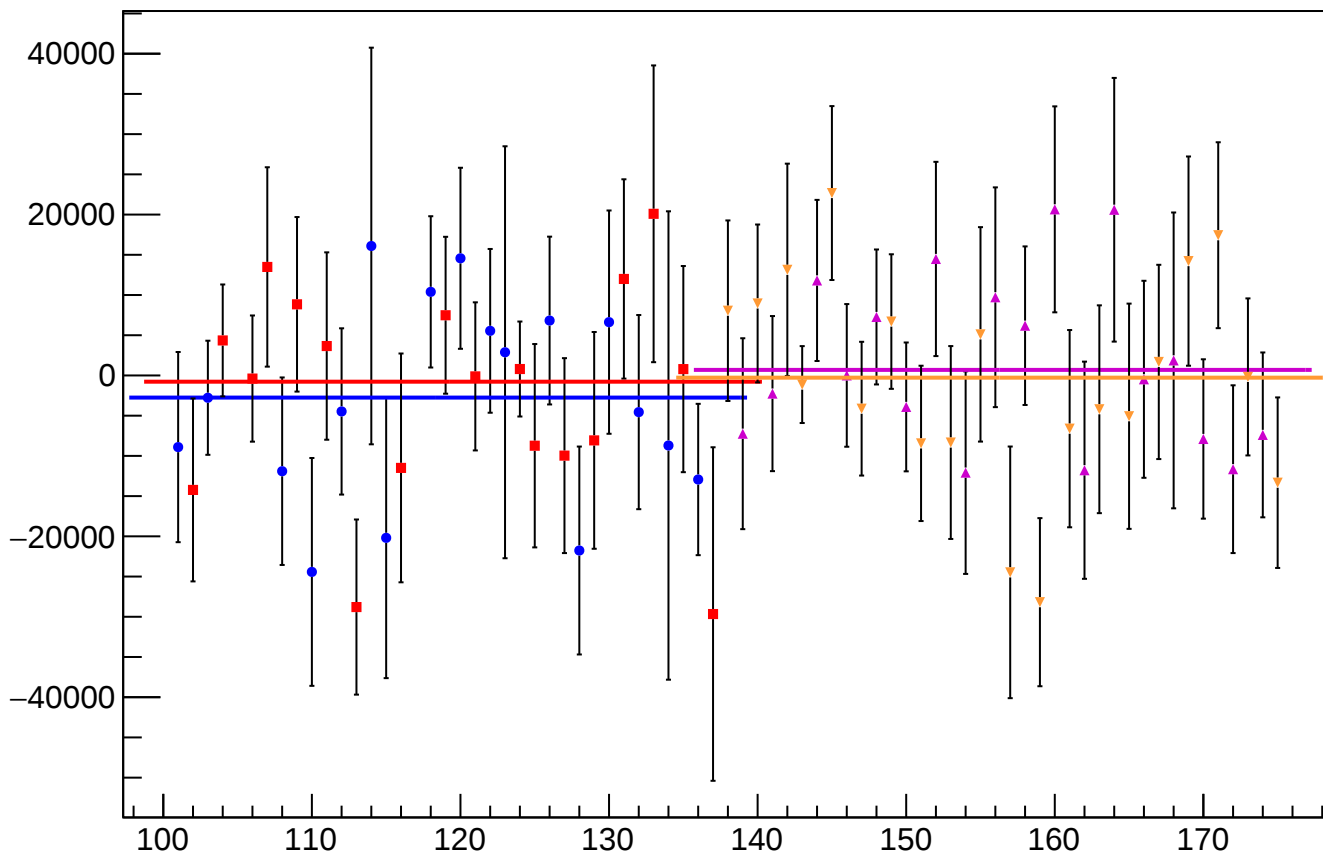
Right: 1726.210 $\pm$ 0.339 χ^2/NDF : 1124571.0/34

In: 1859.934 $\pm$ 0.291 χ^2/NDF : 717071.9/34

Out: 1896.115 $\pm$ 0.290 χ^2/NDF : 1360013.7/37

All: 1878.078 $\pm$ 0.205 χ^2/NDF : 2084840.4/72

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -275.090+/-2241.103 χ^2/NDF : 24.4/19

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

Left In: 691.413+/-2556.508 χ^2/NDF : 13.4/17

Left: 144.895+/-1685.243 χ^2/NDF : 37.8/37

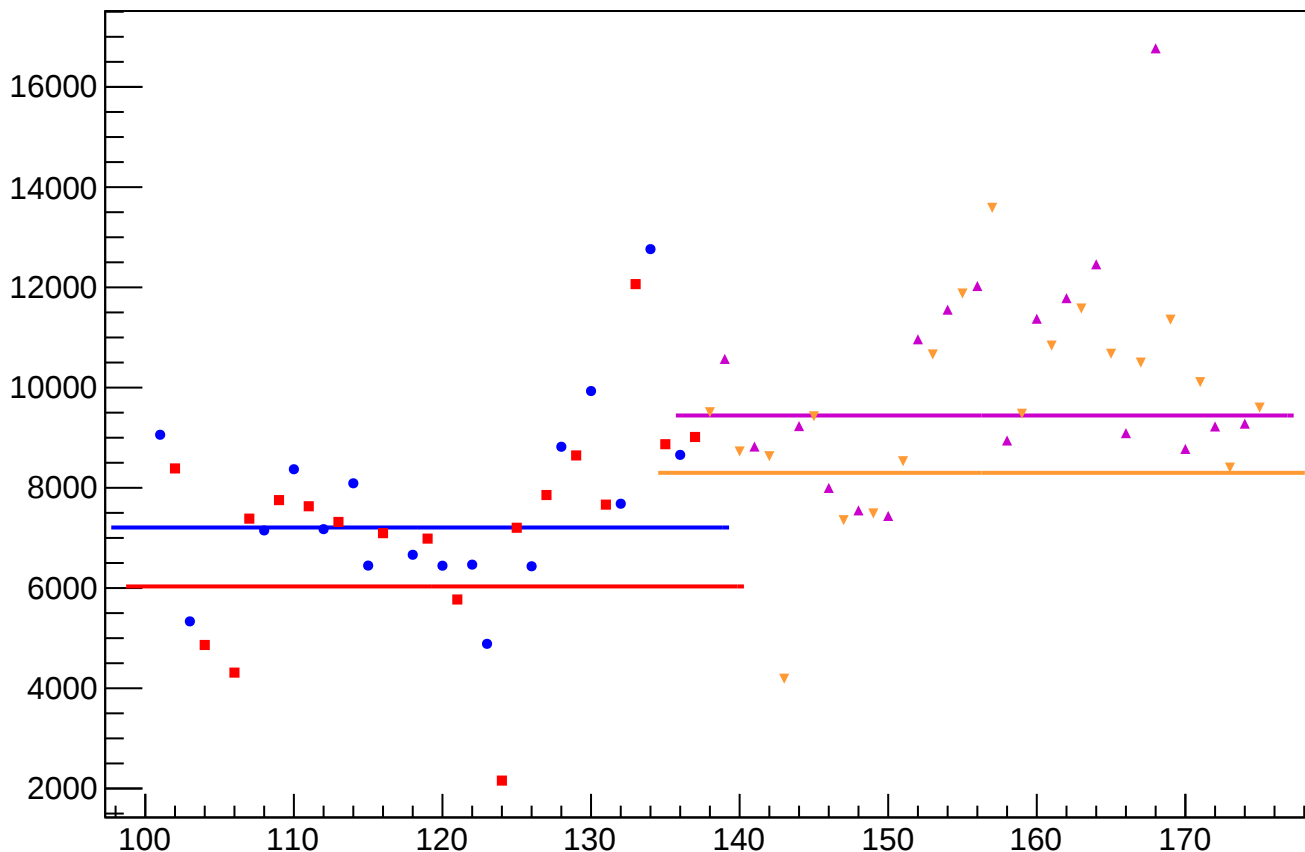
Right: -1613.491+/-1851.753 χ^2/NDF : 32.6/34

In: -847.892+/-1900.786 χ^2/NDF : 28.7/34

Out: -503.726+/-1650.787 χ^2/NDF : 42.2/37

All: -651.702+/-1246.365 χ^2/NDF : 70.9/72

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8299.350 $\pm$ 1.585 χ^2 /NDF: 2577350.4/19

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

Left In: 9443.438 $\pm$ 1.808 χ^2 /NDF: 975213.5/17

Left: 8796.503 $\pm$ 1.192 χ^2 /NDF: 3779057.6/37

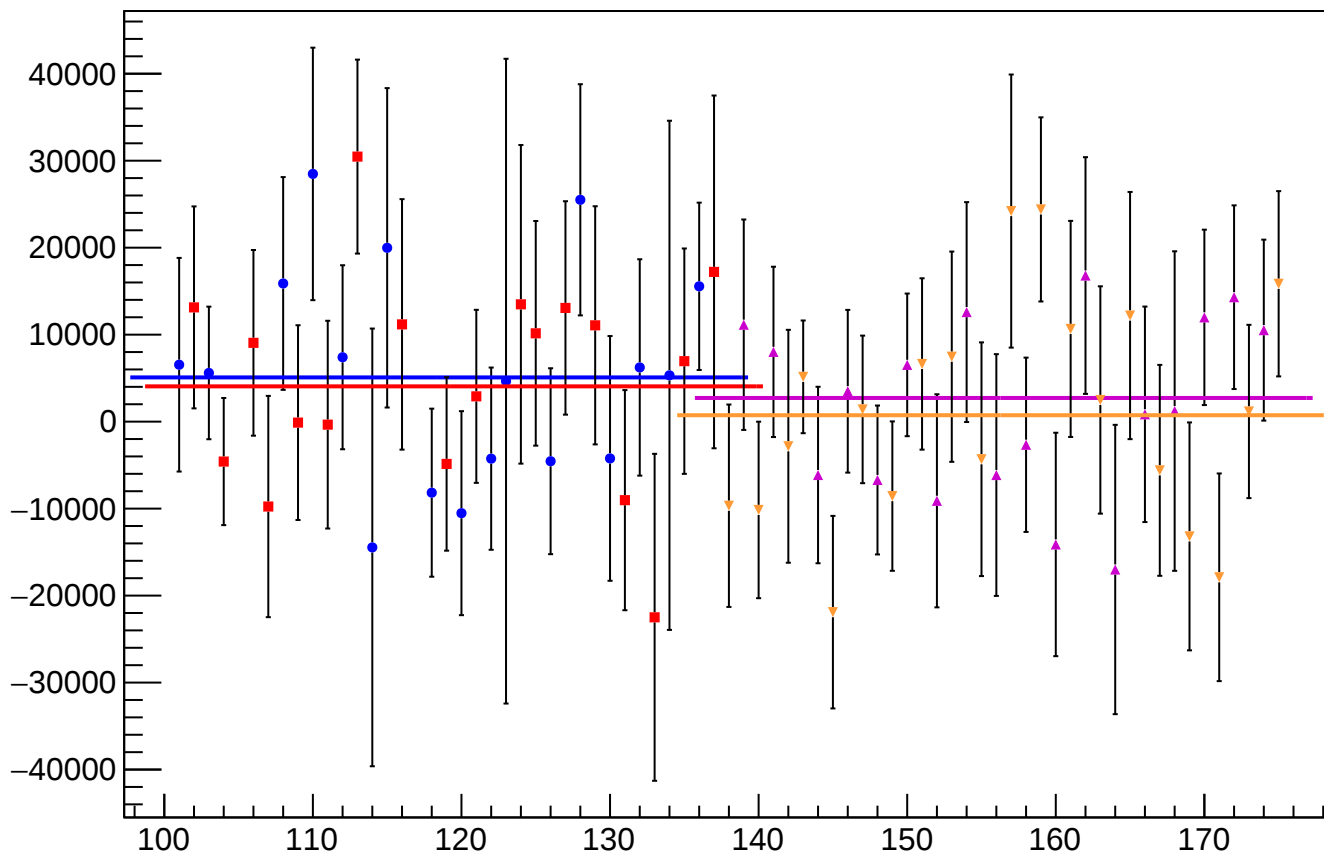
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8443.917 $\pm$ 1.344 χ^2 /NDF: 2152596.4/34

Out: 7262.291 $\pm$ 1.167 χ^2 /NDF: 5311162.5/37

All: 7770.338 $\pm$ 0.881 χ^2 /NDF: 7904346.4/72

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 738.168+/-2399.934 χ^2/NDF : 23.1/19

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

Left In: 2721.781+/-2602.903 χ^2/NDF : 12.0/17

Left: 1649.630+/-1764.407 χ^2/NDF : 35.4/37

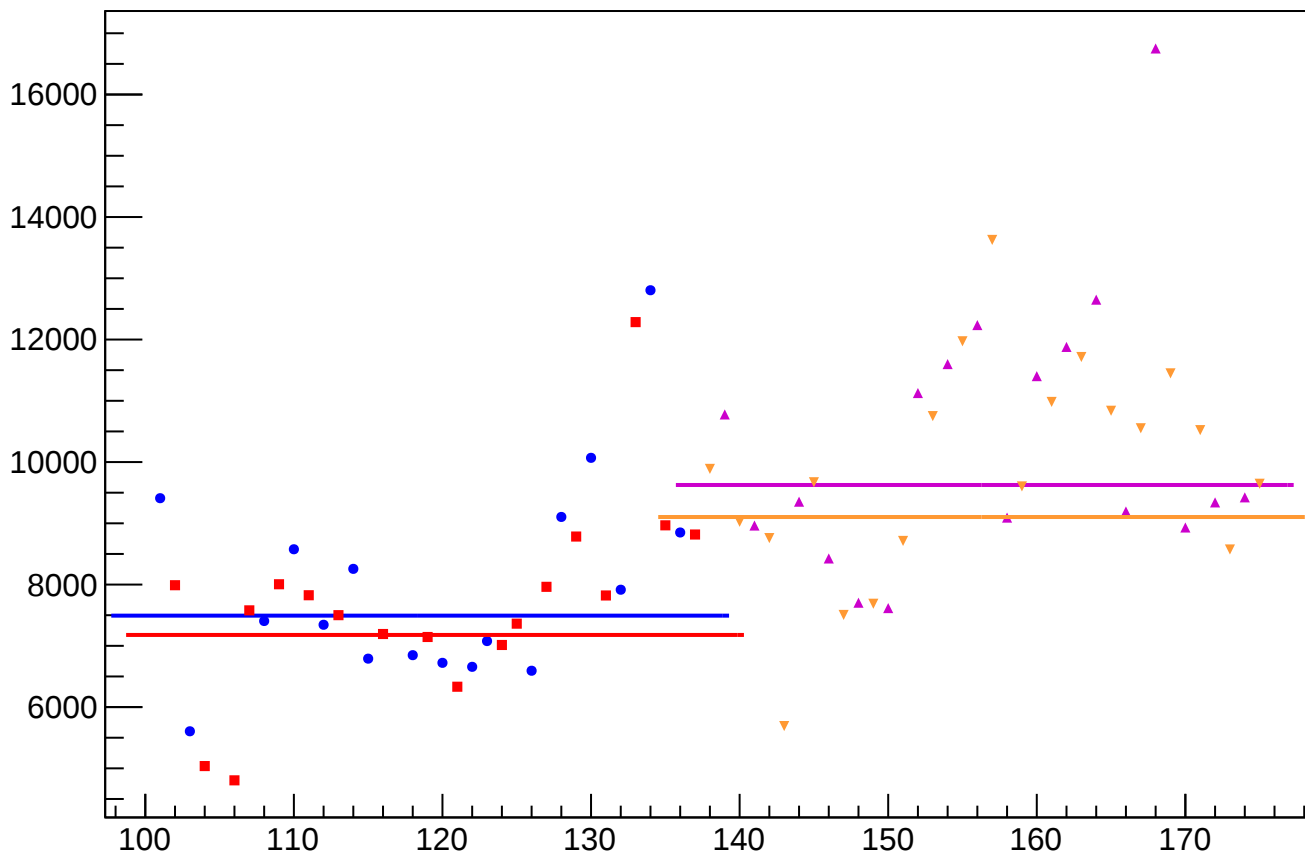
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3754.019+/-1953.285 χ^2/NDF : 26.4/34

Out: 2143.105+/-1822.208 χ^2/NDF : 39.0/37

All: 2892.702+/-1332.426 χ^2/NDF : 65.8/72

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9102.903 $\pm$ 1.697 χ^2/NDF :1285167.4/19

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

Left In: 9625.852 $\pm$ 1.841 χ^2/NDF :911980.8/17

Left: 9343.196 $\pm$ 1.248 χ^2/NDF : 2240782.8/37

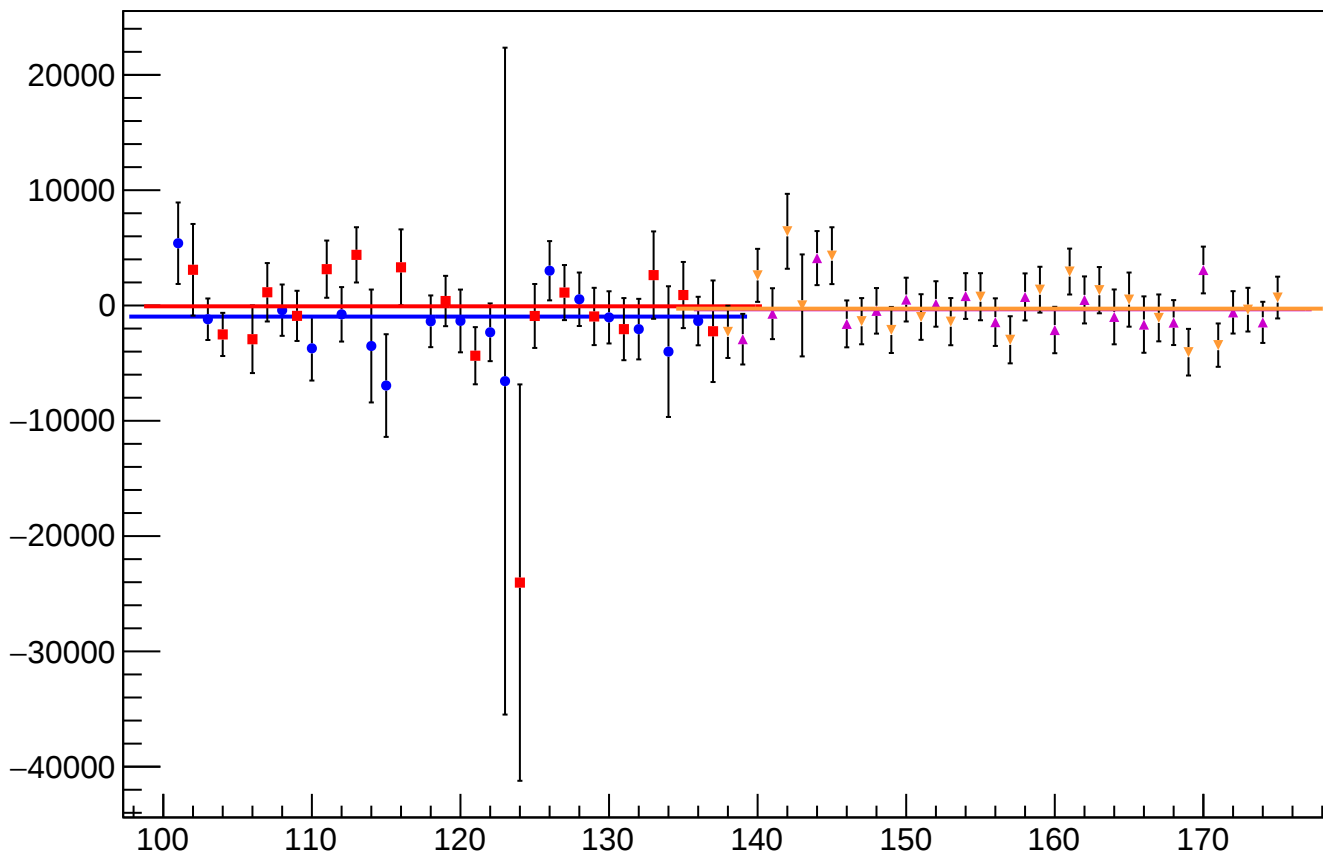
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 8694.028 $\pm$ 1.381 χ^2/NDF :1935777.7/34

Out: 8287.500 $\pm$ 1.288 χ^2/NDF :2386143.5/37

All: 8476.658 $\pm$ 0.942 χ^2/NDF : 4368244.3/72

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -275.220+/-473.724 χ^2/NDF : 24.5/19

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

Left In: -330.375+/-482.008 χ^2/NDF : 11.5/17

Left: -302.320+/-337.864 χ^2/NDF : 36.0/37

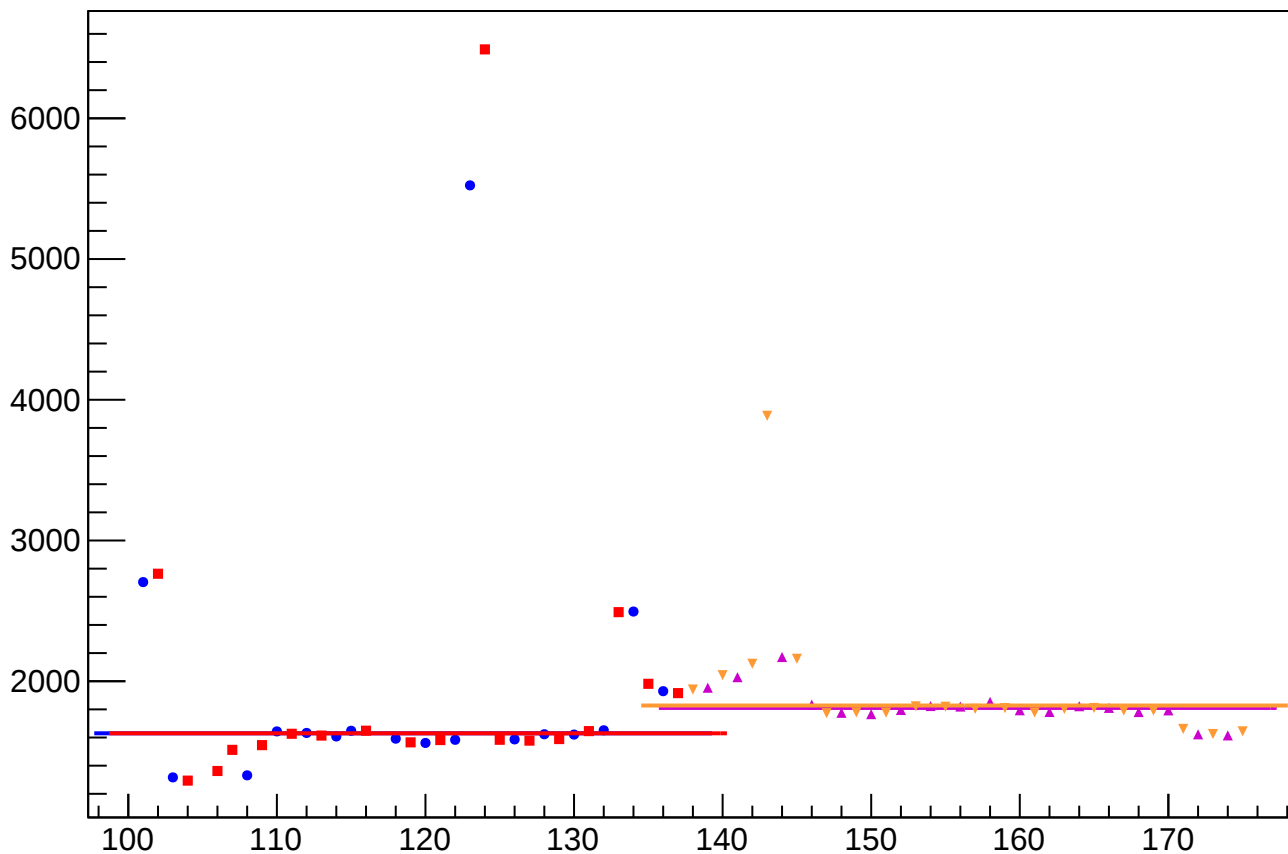
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -557.797+/-385.681 χ^2/NDF : 22.2/34

Out: -202.231+/-379.580 χ^2/NDF : 41.3/37

All: -377.179+/-270.535 χ^2/NDF : 63.9/72

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1629.954 $\pm$ 0.455 χ^2 /NDF: 408151.7/16

Left Out: 1827.415 $\pm$ 0.335 χ^2 /NDF: 575325.4/19

Right Out: 1629.941 $\pm$ 0.449 χ^2 /NDF: 557457.4/17

Left In: 1810.289 $\pm$ 0.341 χ^2 /NDF: 124811.1/17

Left: 1819.000 $\pm$ 0.239 χ^2 /NDF: 701420.8/37

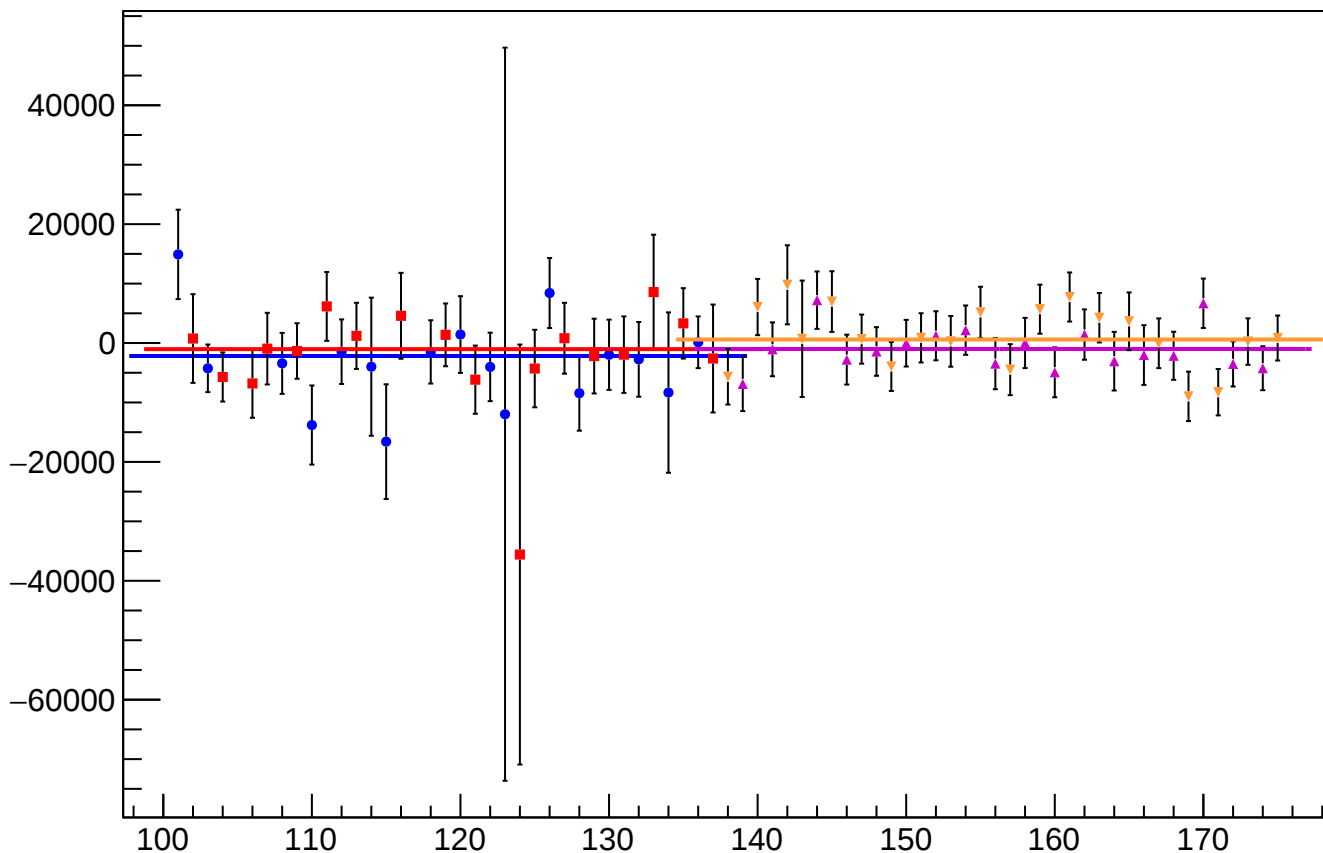
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

In: 1745.413 $\pm$ 0.273 χ^2 /NDF: 633675.2/34

Out: 1756.725 $\pm$ 0.268 χ^2 /NDF: 1257189.0/37

All: 1751.159 $\pm$ 0.191 χ^2 /NDF: 1891738.2/72

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 ± 1493.026 $\chi^2/\text{NDF}: 16.0/16$

Left Out: 592.086 ± 983.220 $\chi^2/\text{NDF}: 26.5/19$

Right Out: -1026.991 ± 1442.331 $\chi^2/\text{NDF}: 8.6/17$

Left In: -1006.309 ± 998.697 $\chi^2/\text{NDF}: 12.2/17$

Left: -194.630 ± 700.649 $\chi^2/\text{NDF}: 40.0/37$

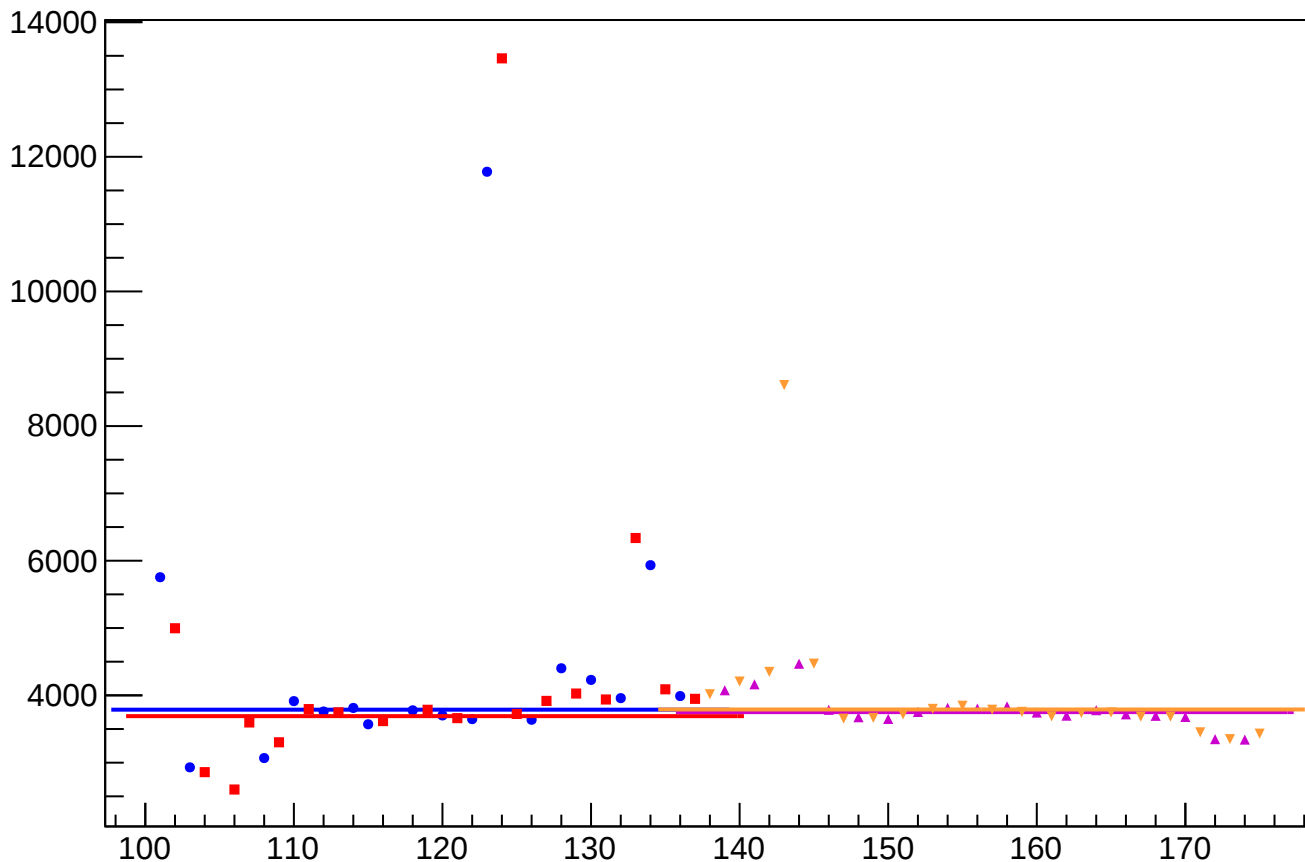
Right: -1583.224 ± 1037.341 $\chi^2/\text{NDF}: 24.9/34$

In: -1368.891 ± 830.106 $\chi^2/\text{NDF}: 28.6/34$

Out: 78.408 ± 812.412 $\chi^2/\text{NDF}: 36.0/37$

All: -629.652 ± 580.617 $\chi^2/\text{NDF}: 66.1/72$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3790.244+/-0.695 χ^2/NDF : 621600.5/19

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

Left In: 3751.076+/-0.706 χ^2/NDF : 123071.6/17

Left: 3770.966+/-0.495 χ^2/NDF : 746234.2/37

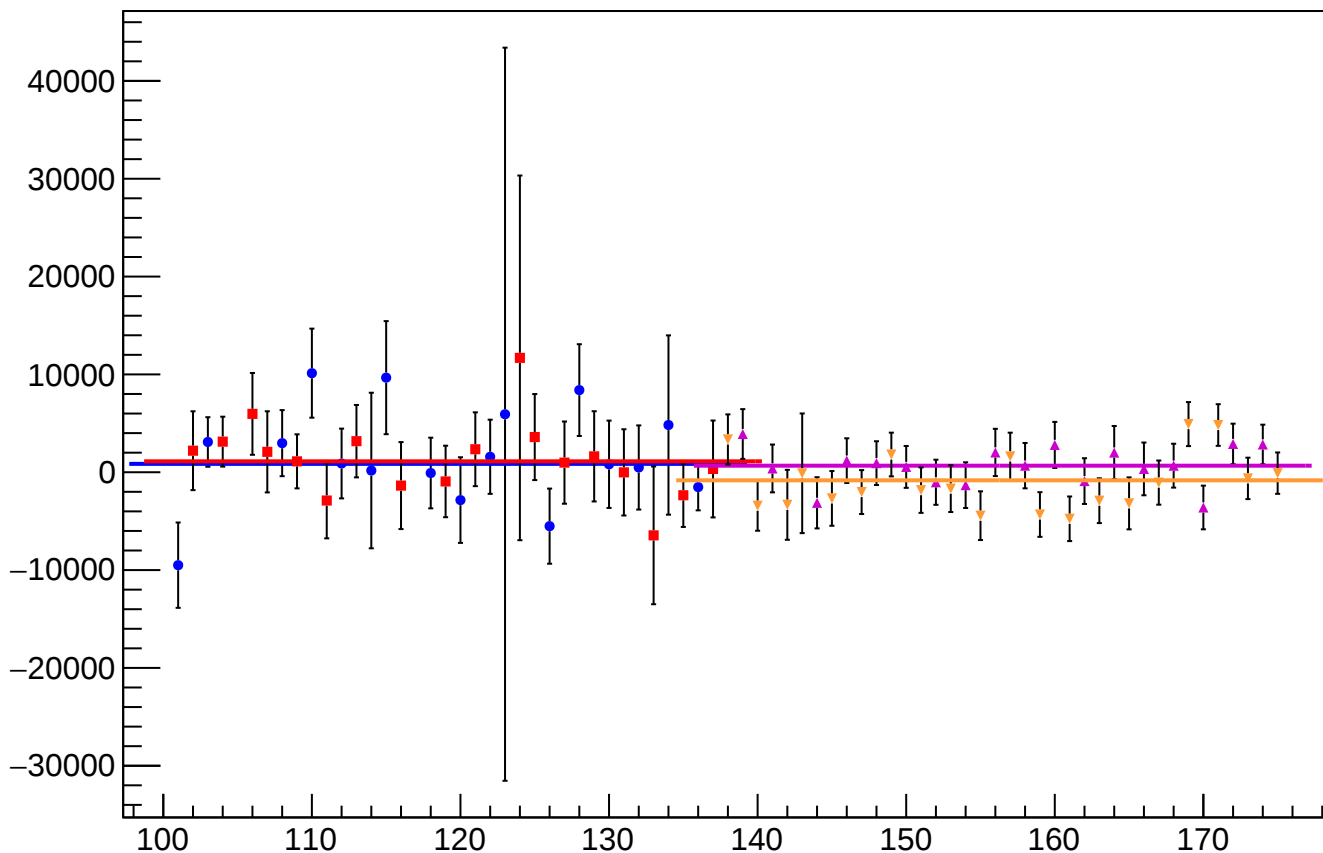
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3762.274+/-0.587 χ^2/NDF : 516535.8/34

Out: 3758.834+/-0.574 χ^2/NDF : 1183190.7/37

All: 3760.517+/-0.411 χ^2/NDF : 1699744.0/72

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 ± 964.743 $\chi^2/\text{NDF}: 20.7/16$

Left Out: -825.009 ± 541.741 $\chi^2/\text{NDF}: 30.4/19$

Right Out: 1117.553 ± 927.195 $\chi^2/\text{NDF}: 7.3/17$

Left In: 669.484 ± 548.648 $\chi^2/\text{NDF}: 12.9/17$

Left: -87.229 ± 385.488 $\chi^2/\text{NDF}: 47.0/37$

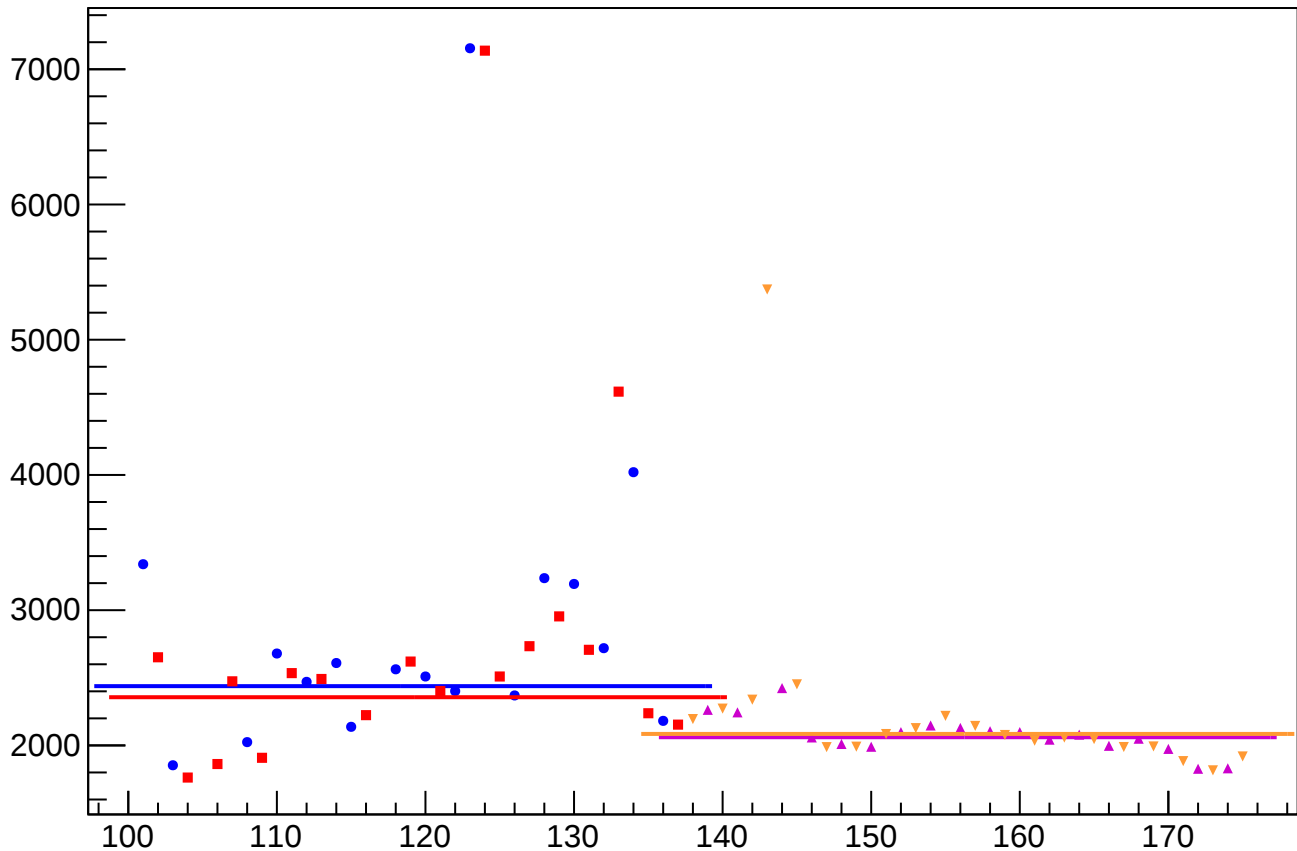
Right: 992.055 ± 668.506 $\chi^2/\text{NDF}: 28.0/34$

In: 715.110 ± 476.920 $\chi^2/\text{NDF}: 33.6/34$

Out: -330.626 ± 467.752 $\chi^2/\text{NDF}: 40.9/37$

All: 182.094 ± 333.945 $\chi^2/\text{NDF}: 77.0/72$

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 $\pm$ 0.682 χ^2/NDF : 476723.4/16

Left Out: 2084.931 $\pm$ 0.383 χ^2/NDF : 722737.2/19

Right Out: 2356.405 $\pm$ 0.656 χ^2/NDF : 629132.8/17

Left In: 2060.589 $\pm$ 0.388 χ^2/NDF : 127493.0/17

Left: 2072.914 $\pm$ 0.273 χ^2/NDF : 852223.5/37

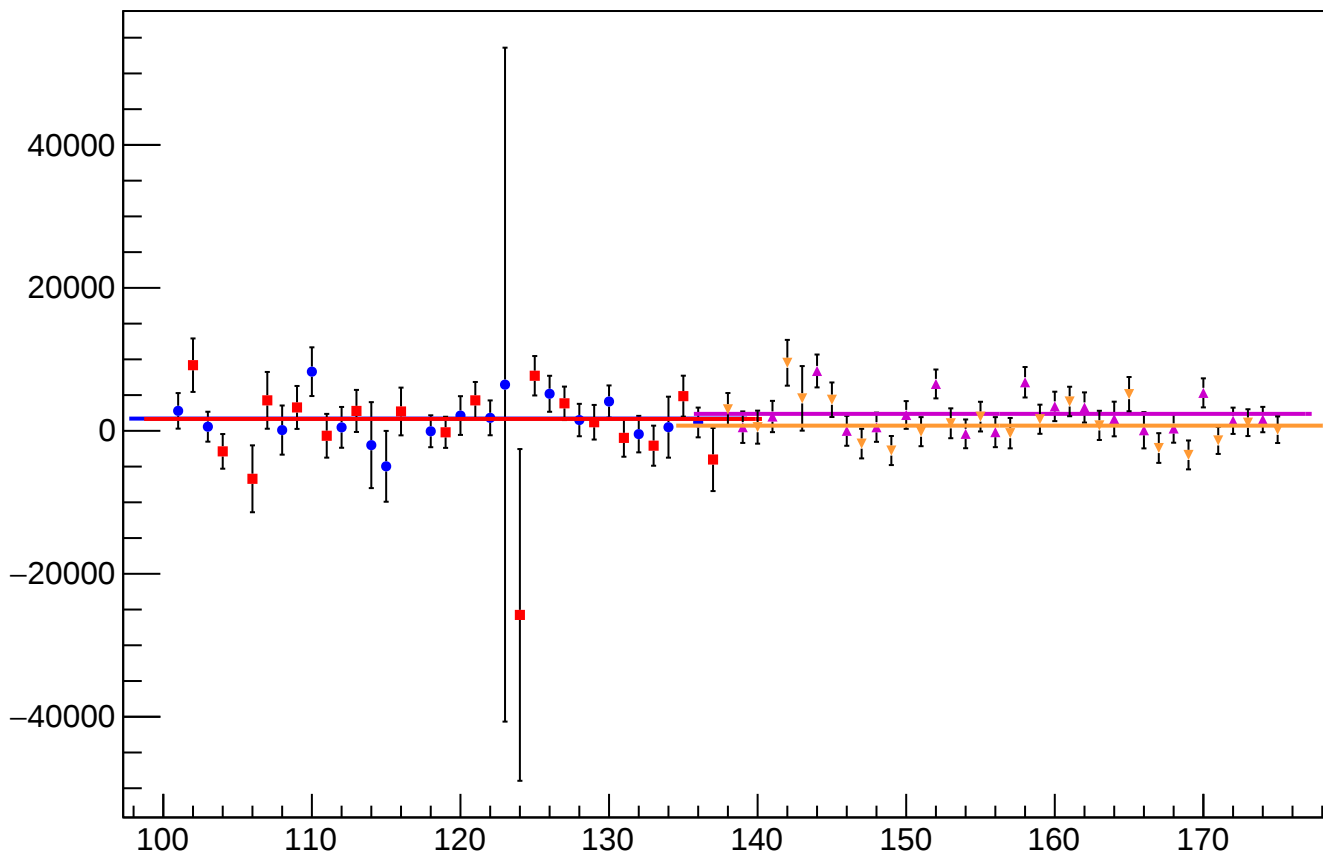
Right: 2395.716 $\pm$ 0.473 χ^2/NDF : 1113343.5/34

In: 2152.889 $\pm$ 0.337 χ^2/NDF : 835834.6/34

Out: 2154.021 $\pm$ 0.331 χ^2/NDF : 1479688.8/37

All: 2153.466 $\pm$ 0.236 χ^2/NDF : 2315529.2/72

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 728.225+/-481.310 χ^2/NDF : 30.7/19

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

Left In: 2374.743+/-489.750 χ^2/NDF : 26.6/17

Left: 1537.176+/-343.283 χ^2/NDF : 63.1/37

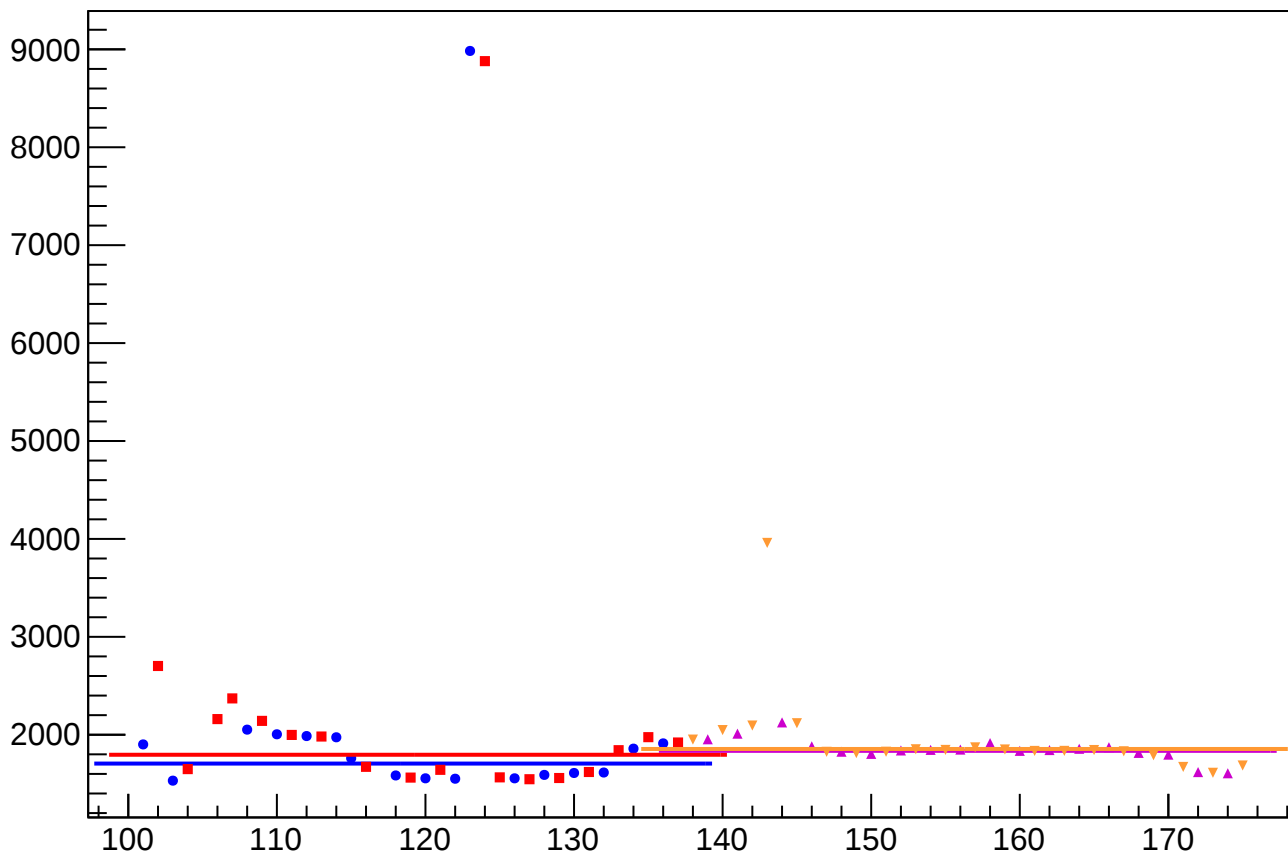
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2142.861+/-394.794 χ^2/NDF : 38.7/34

Out: 1031.579+/-395.817 χ^2/NDF : 58.8/37

All: 1588.659+/-279.522 χ^2/NDF : 101.4/72

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1854.685+/-0.340 χ^2/NDF : 559712.3/19

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

Left In: 1835.578+/-0.346 χ^2/NDF : 117659.4/17

Left: 1845.298+/-0.243 χ^2/NDF : 678920.2/37

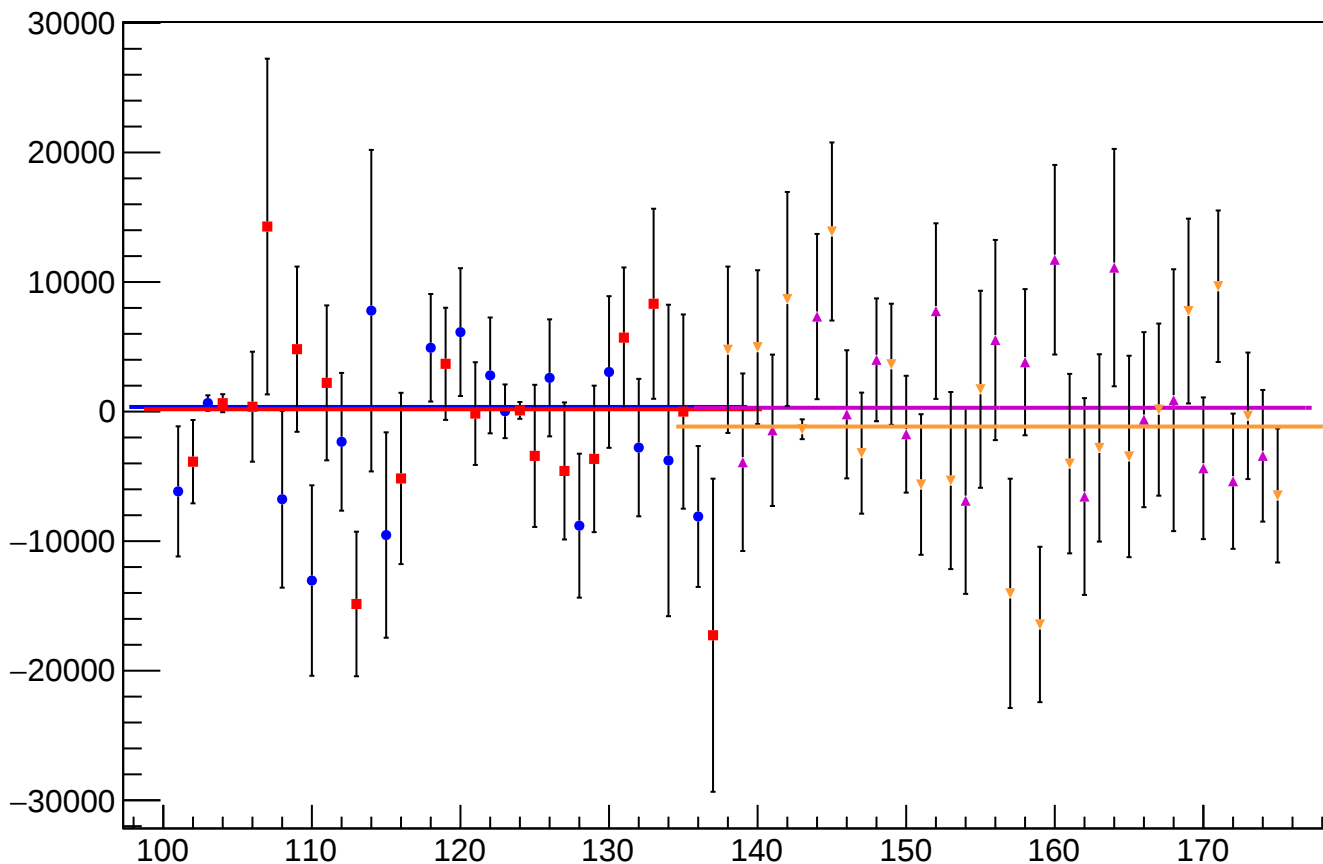
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1790.070+/-0.279 χ^2/NDF : 361145.9/34

Out: 1835.494+/-0.280 χ^2/NDF : 1088311.0/37

All: 1812.740+/-0.198 χ^2/NDF : 1462670.1/72

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1155.213 $\pm$ 673.525 χ^2/NDF : 25.7/19

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

Left In: 293.084 $\pm$ 1432.075 χ^2/NDF : 12.7/17

Left: -892.883 $\pm$ 609.482 χ^2/NDF : 39.2/37

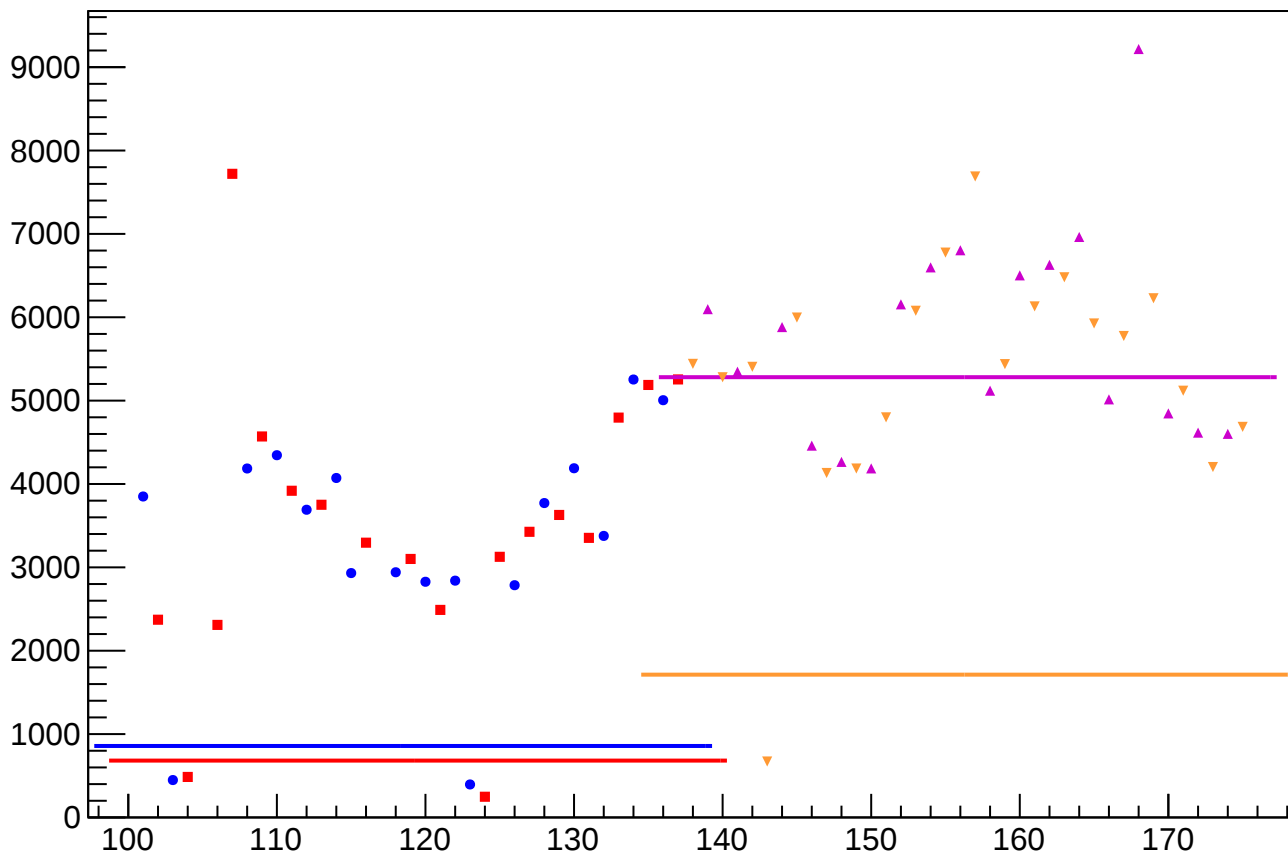
Right: 252.583 $\pm$ 342.551 χ^2/NDF : 36.1/34

In: 349.240 $\pm$ 499.696 χ^2/NDF : 30.2/34

Out: -228.839 $\pm$ 372.437 χ^2/NDF : 46.9/37

All: -22.392 $\pm$ 298.618 χ^2/NDF : 78.0/72

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1712.946 $\pm$ 0.476 χ^2 /NDF: 17078945.6/19

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

Left In: 5281.278 $\pm$ 1.013 χ^2 /NDF: 1064404.3/17

Left: 2359.278 $\pm$ 0.431 χ^2 /NDF: 28311545.4/37

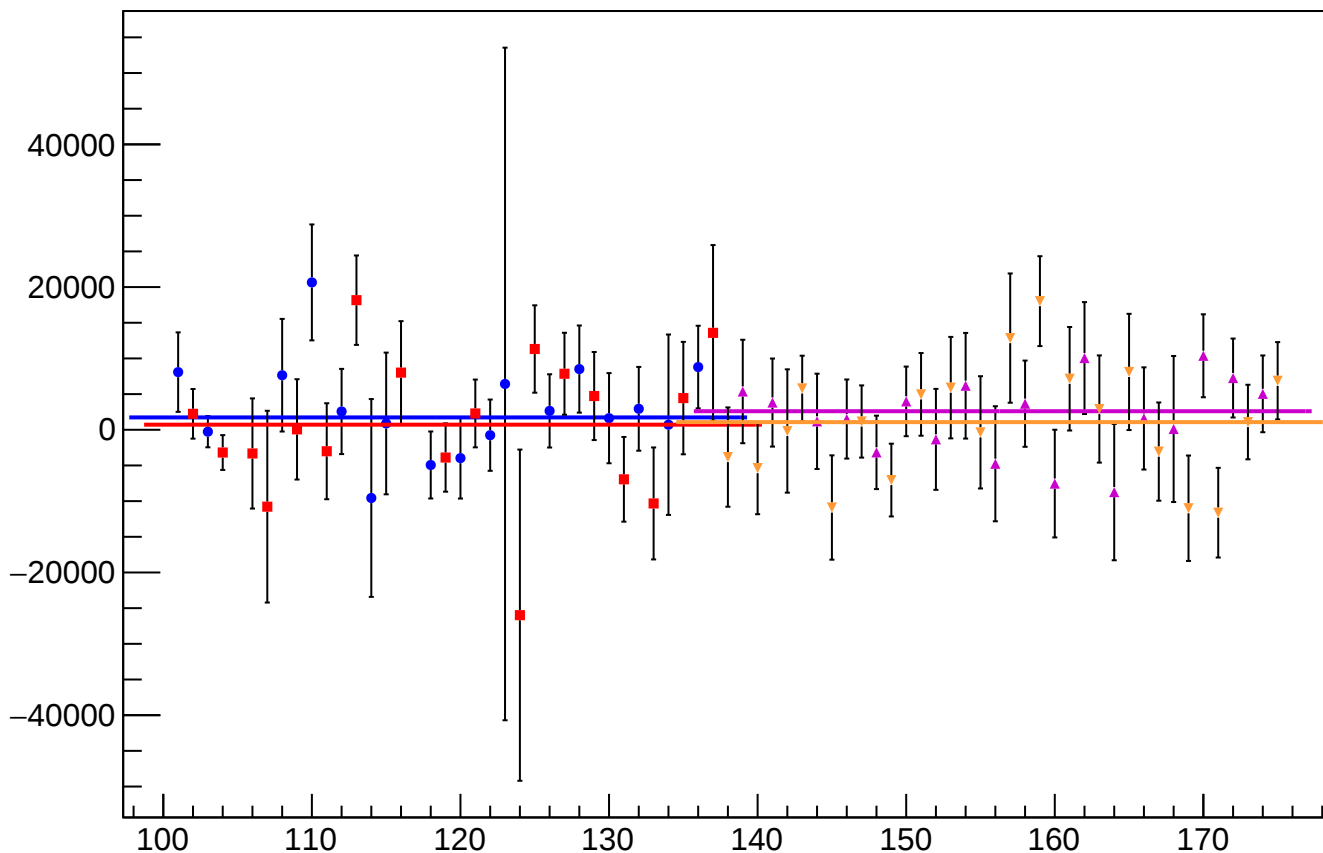
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1396.084 $\pm$ 0.353 χ^2 /NDF: 26000945.8/34

Out: 997.315 $\pm$ 0.263 χ^2 /NDF: 29709886.2/37

All: 1139.726 $\pm$ 0.211 χ^2 /NDF: 56529647.7/77

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1074.982+/-1425.393 χ^2/NDF : 27.4/19

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

Left In: 2601.646+/-1522.057 χ^2/NDF : 9.9/17

Left: 1788.300+/-1040.401 χ^2/NDF : 37.9/37

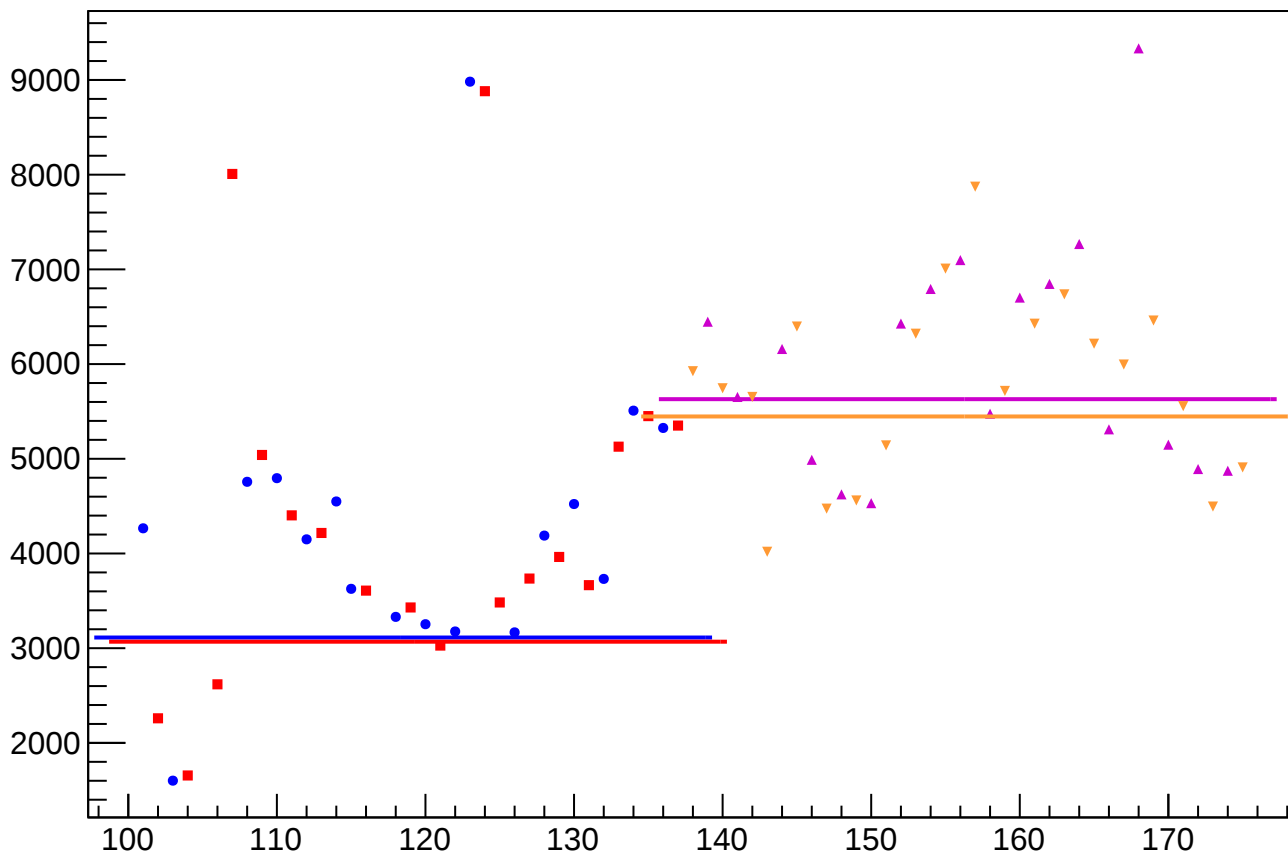
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2101.050+/-990.535 χ^2/NDF : 25.0/34

Out: 877.459+/-956.746 χ^2/NDF : 52.6/37

All: 1468.029+/-688.157 χ^2/NDF : 78.4/72

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5446.838 $\pm$ 1.008 χ^2 /NDF: 889150.7/19

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

Left In: 5629.596 $\pm$ 1.076 χ^2 /NDF: 887041.3/17

Left: 5532.230 $\pm$ 0.736 χ^2 /NDF: 1791554.3/37

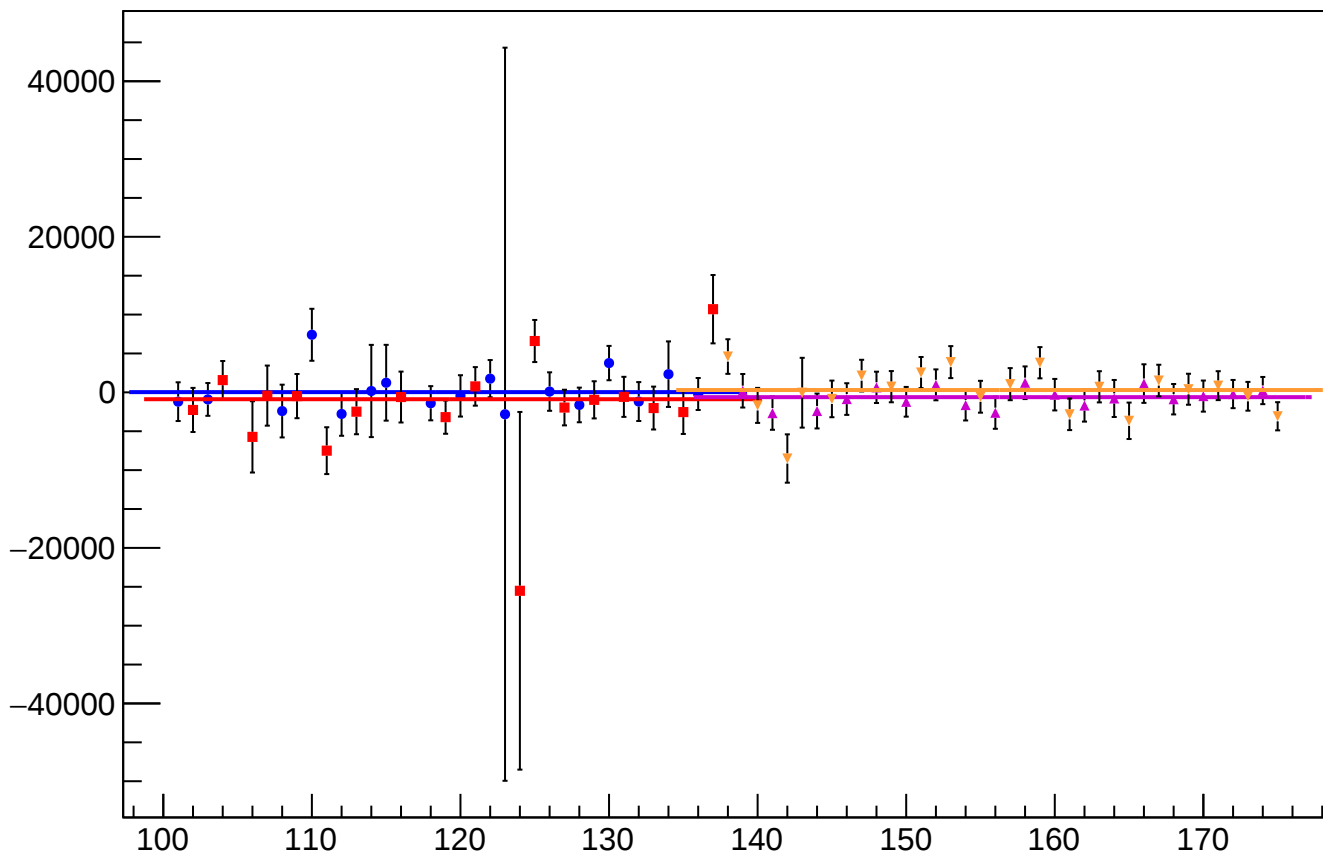
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4178.653 $\pm$ 0.700 χ^2 /NDF: 5924281.9/34

Out: 4122.824 $\pm$ 0.671 χ^2 /NDF: 5990359.6/37

All: 4149.543 $\pm$ 0.485 χ^2 /NDF: 11917954.2/71

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 296.900 $\pm$ 472.204 χ^2/NDF : 30.7/19

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

Left In: -617.822 $\pm$ 480.961 χ^2/NDF : 5.9/17

Left: -152.058 $\pm$ 336.952 χ^2/NDF : 38.5/37

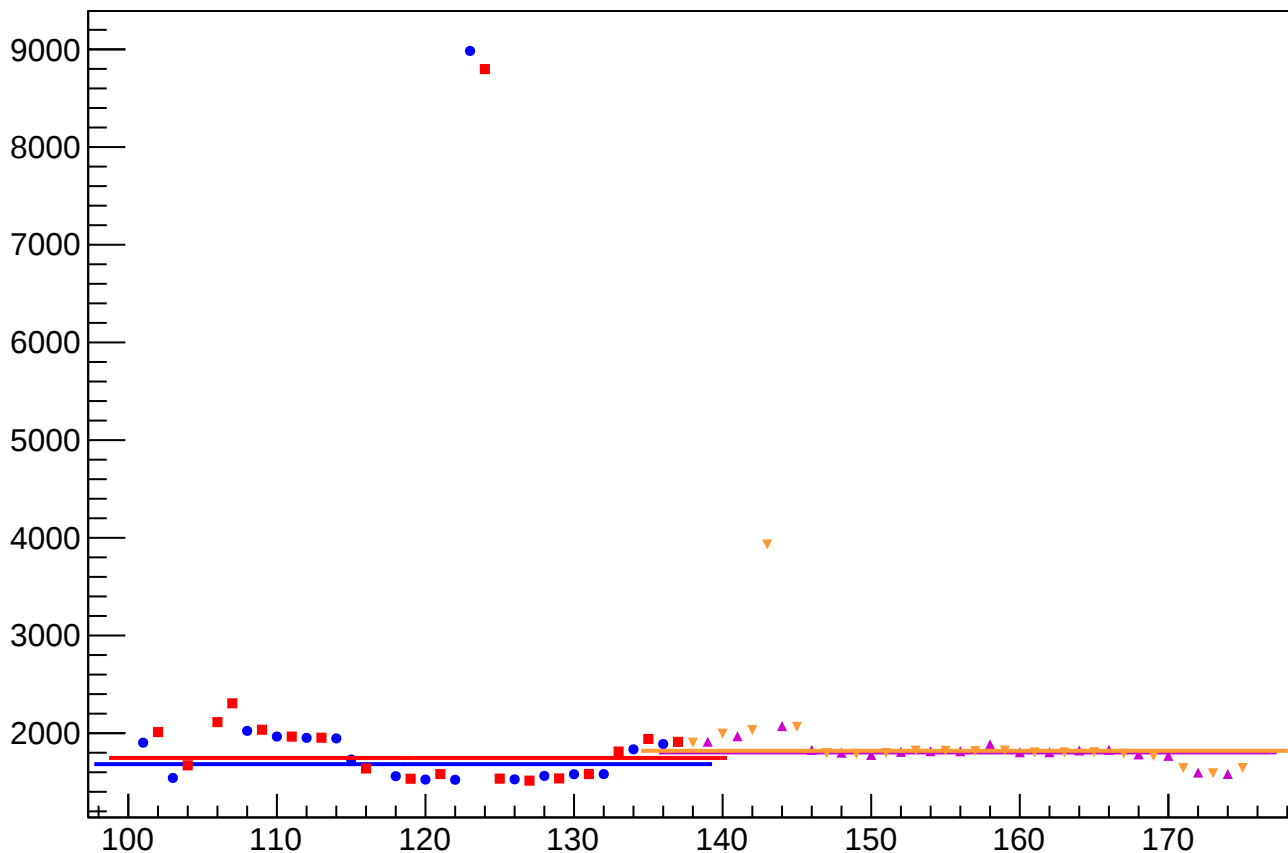
Right: -415.699 $\pm$ 471.191 χ^2/NDF : 38.4/34

In: -392.725 $\pm$ 388.374 χ^2/NDF : 18.4/34

Out: -90.982 $\pm$ 386.853 χ^2/NDF : 58.4/37

All: -241.261 $\pm$ 274.083 χ^2/NDF : 77.1/72

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1819.682+/-0.334 χ^2/NDF : 560427.0/19

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

Left In: 1803.008+/-0.340 χ^2/NDF : 108785.9/17

Left: 1811.498+/-0.238 χ^2/NDF : 670436.9/37

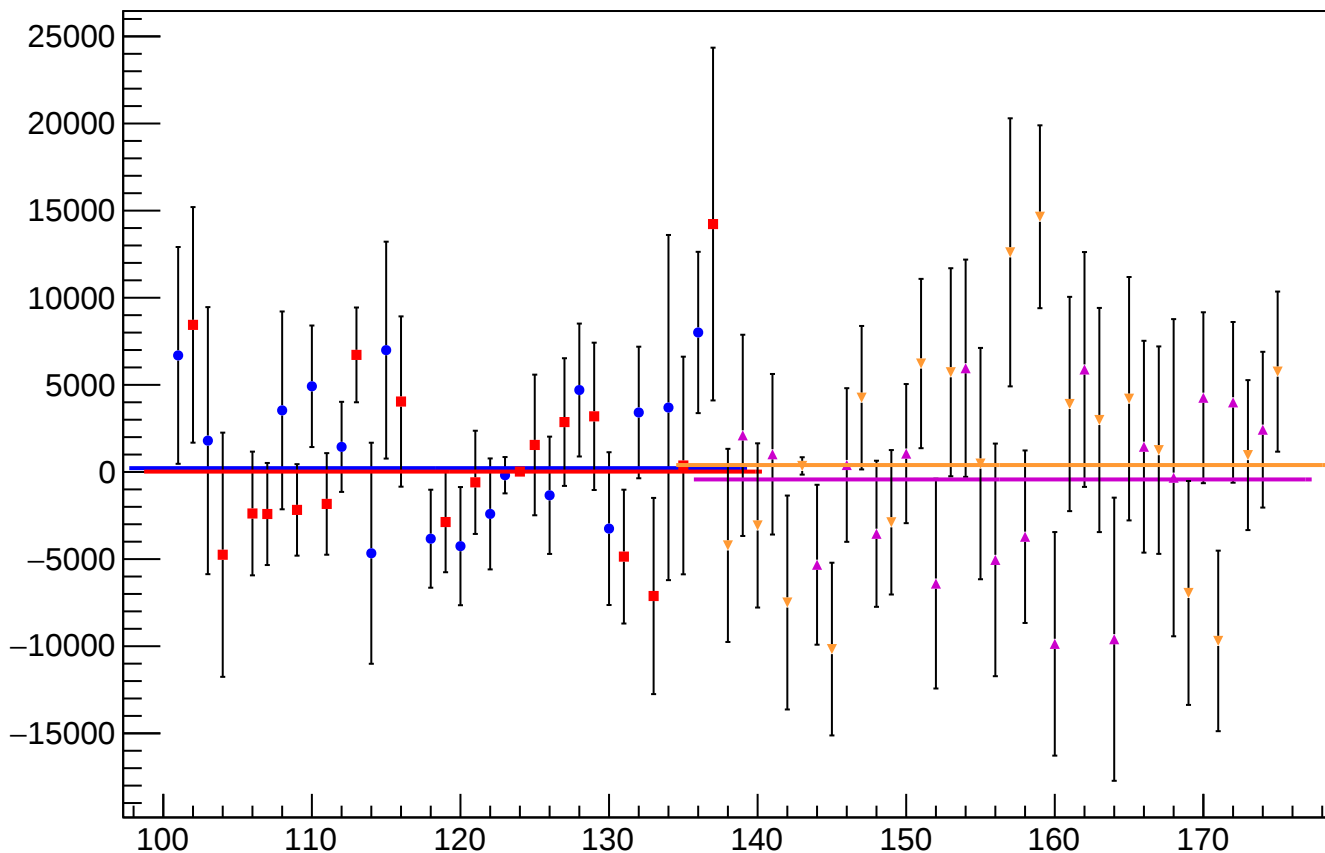
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1761.294+/-0.275 χ^2/NDF : 347879.5/34

Out: 1795.646+/-0.273 χ^2/NDF : 982863.6/37

All: 1778.550+/-0.194 χ^2/NDF : 1338602.9/72

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 397.886+/-462.154 χ^2/NDF : 28.4/19

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

Left In: -428.016+/-1239.046 χ^2/NDF : 11.8/17

Left: 297.017+/-433.013 χ^2/NDF : 40.5/37

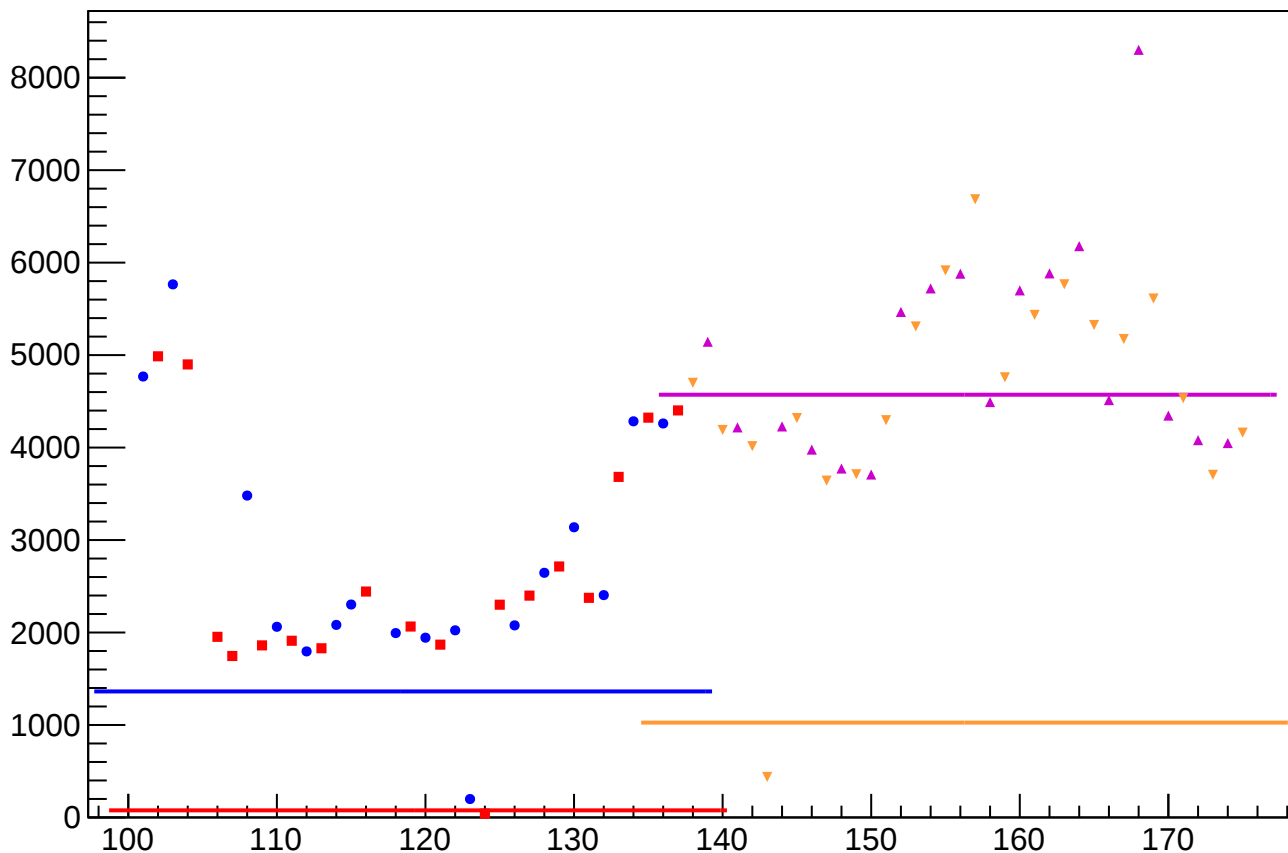
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: 55.967+/-623.118 χ^2/NDF : 27.8/34

Out: 43.556+/-110.806 χ^2/NDF : 47.6/37

All: 43.936+/-109.095 χ^2/NDF : 75.3/72

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1025.807 $\pm$ 0.327 χ^2 /NDF: 20159757.5/19

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

Left In: 4571.597 $\pm$ 0.876 χ^2 /NDF: 1040608.9/17

Left: 1458.859 $\pm$ 0.306 χ^2 /NDF: 35578780.7/37

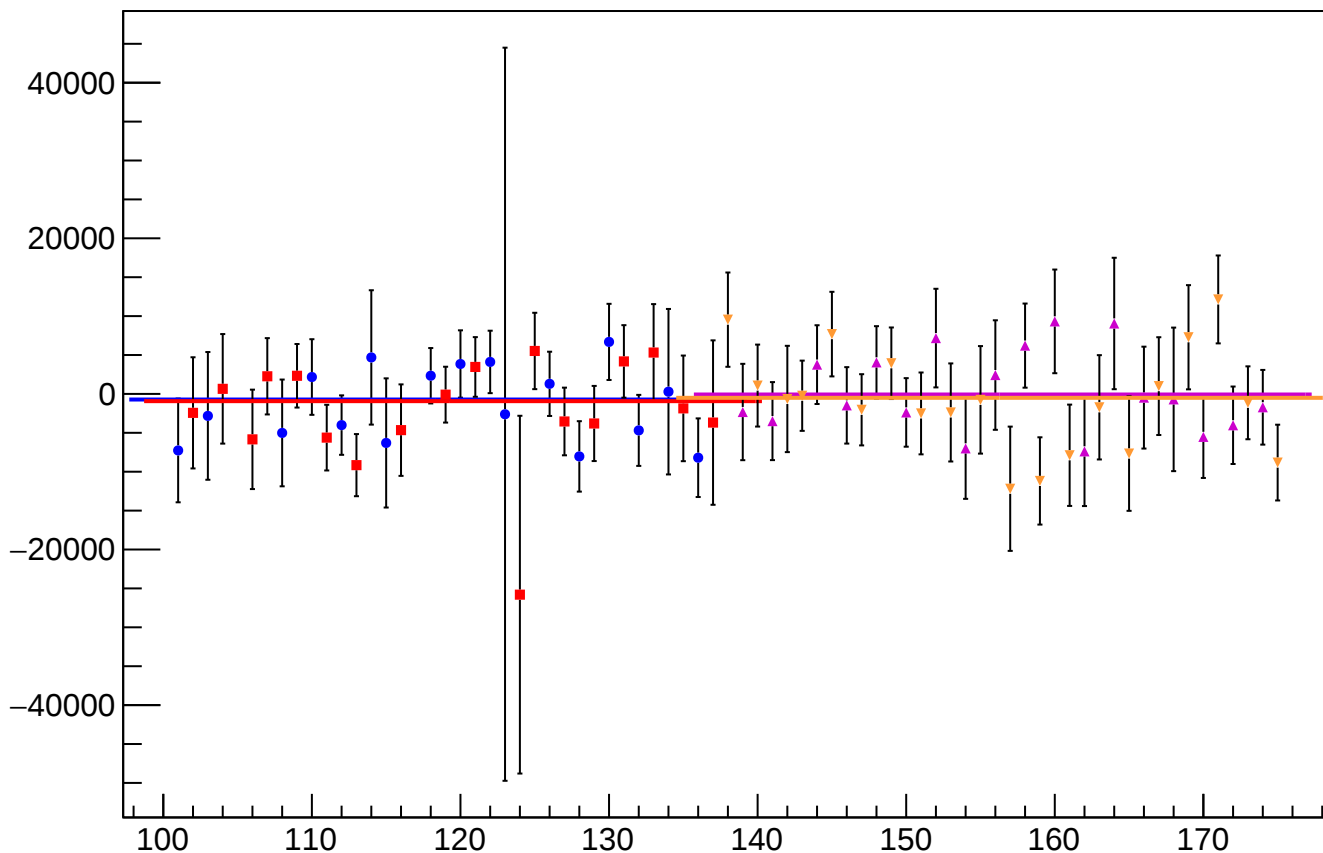
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2174.369 $\pm$ 0.441 χ^2 /NDF: 17297229.8/34

Out: 131.384 $\pm$ 0.078 χ^2 /NDF: 41222074.0/37

All: 194.007 $\pm$ 0.077 χ^2 /NDF: 79359352.9/72

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -502.579+/-1266.591 χ^2/NDF : 23.8/19

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

Left In: -76.160+/-1338.031 χ^2/NDF : 12.3/17

Left: -301.057+/-919.834 χ^2/NDF : 36.1/37

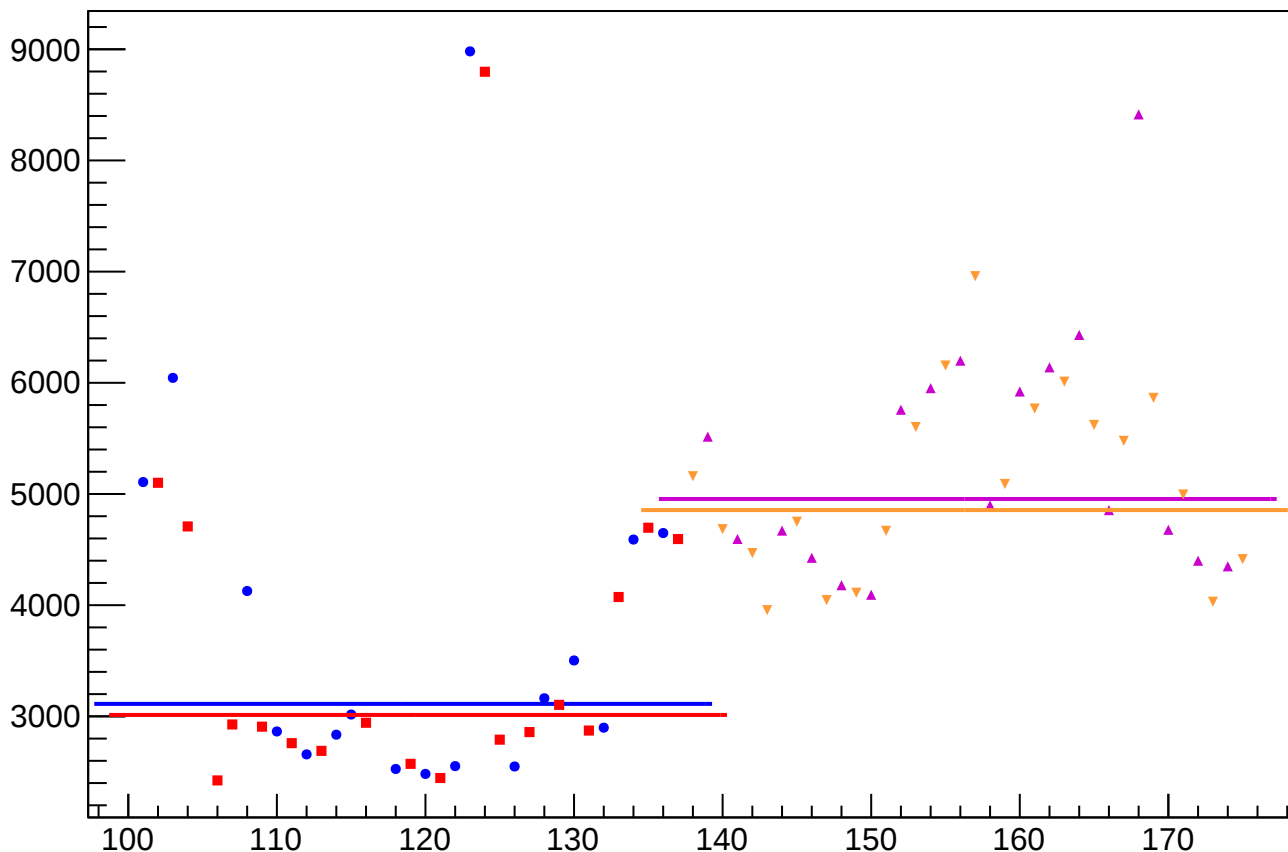
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -420.100+/-914.402 χ^2/NDF : 27.2/34

Out: -729.713+/-868.992 χ^2/NDF : 38.8/37

All: -582.785+/-629.912 χ^2/NDF : 66.0/72

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4855.200 $\pm$ 0.896 χ^2 /NDF: 717420.6/19

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

Left In: 4955.115 $\pm$ 0.946 χ^2 /NDF: 834037.1/17

Left: 4902.419 $\pm$ 0.650 χ^2 /NDF: 1557339.5/37

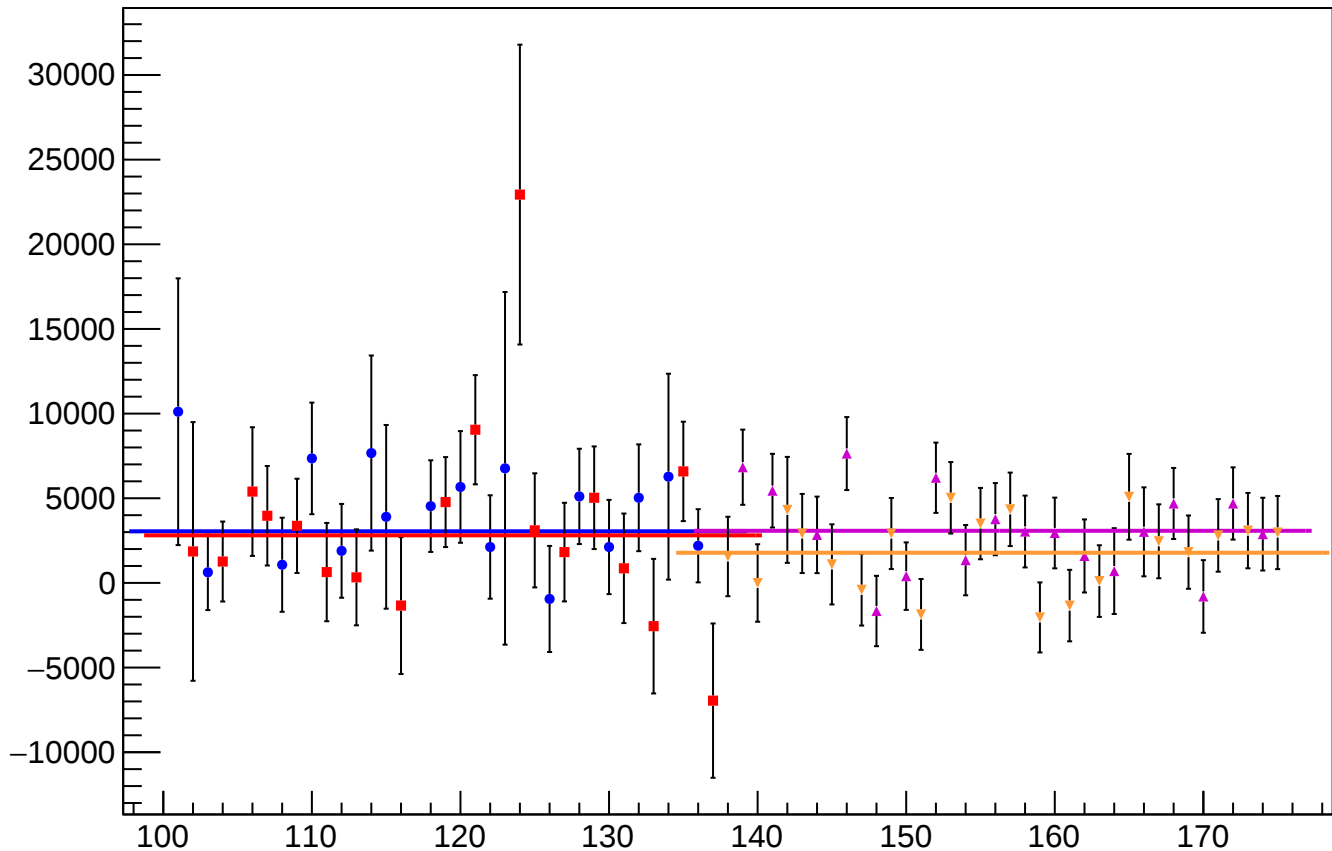
Right: 3059.514 $\pm$ 0.607 χ^2 /NDF: 1739444.6/34

In: 3972.903 $\pm$ 0.647 χ^2 /NDF: 3814625.5/34

Out: 3868.466 $\pm$ 0.610 χ^2 /NDF: 3758151.5/37

All: 3917.678 $\pm$ 0.444 χ^2 /NDF: 7586572.9/72

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1781.365 $\pm$ 495.540 χ^2/NDF :19.3/19

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

Left In: 3077.957 $\pm$ 510.284 χ^2/NDF :24.4/17

Left: 2410.659 $\pm$ 355.498 χ^2/NDF : 47.1/37

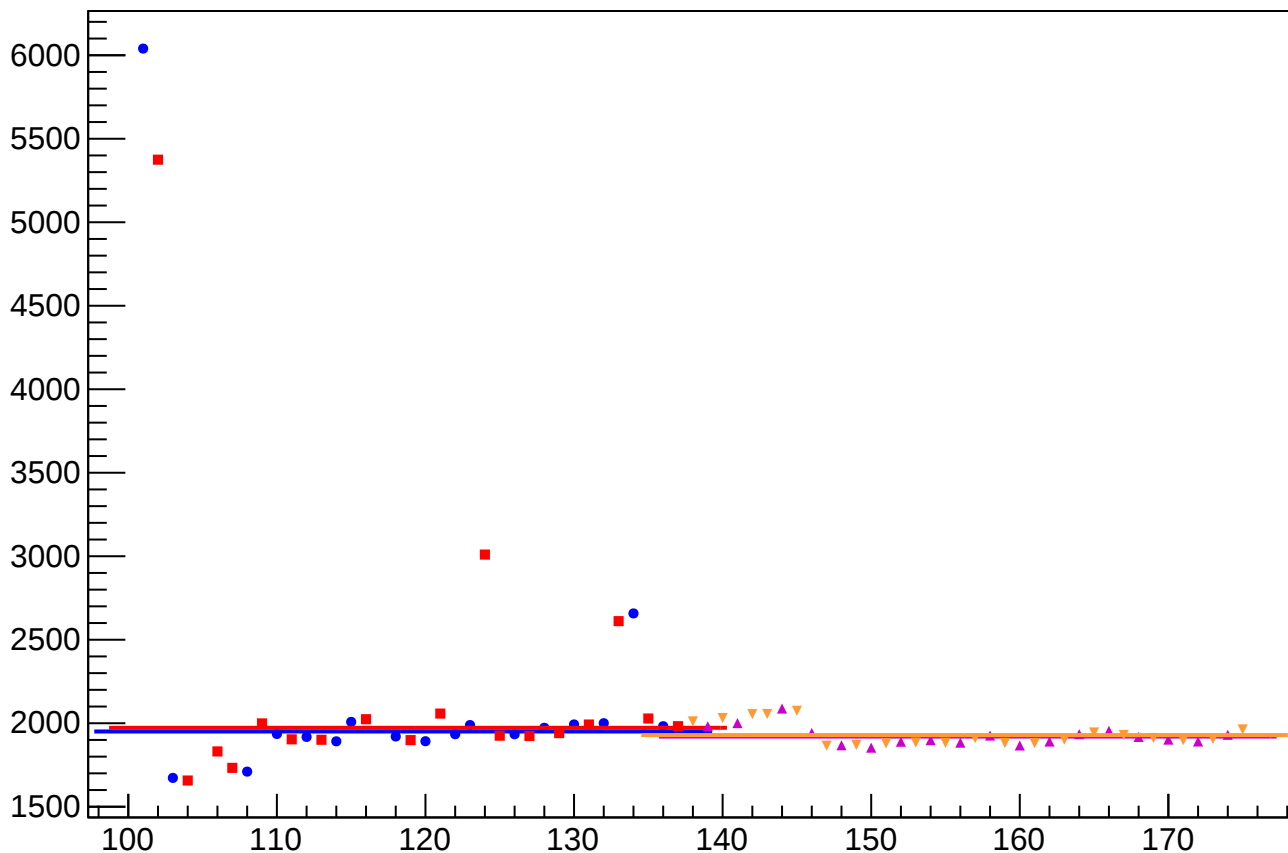
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 3069.182 $\pm$ 425.748 χ^2/NDF :33.7/34

Out: 2084.467 $\pm$ 416.101 χ^2/NDF :42.6/37

All: 2565.542 $\pm$ 297.580 χ^2/NDF : 79.1/72

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1929.012 $\pm$ 0.350 χ^2 /NDF:33367.2/19

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

Left In: 1920.084 $\pm$ 0.361 χ^2 /NDF:22901.1/17

Left: 1924.679 $\pm$ 0.251 χ^2 /NDF: 56583.4/37

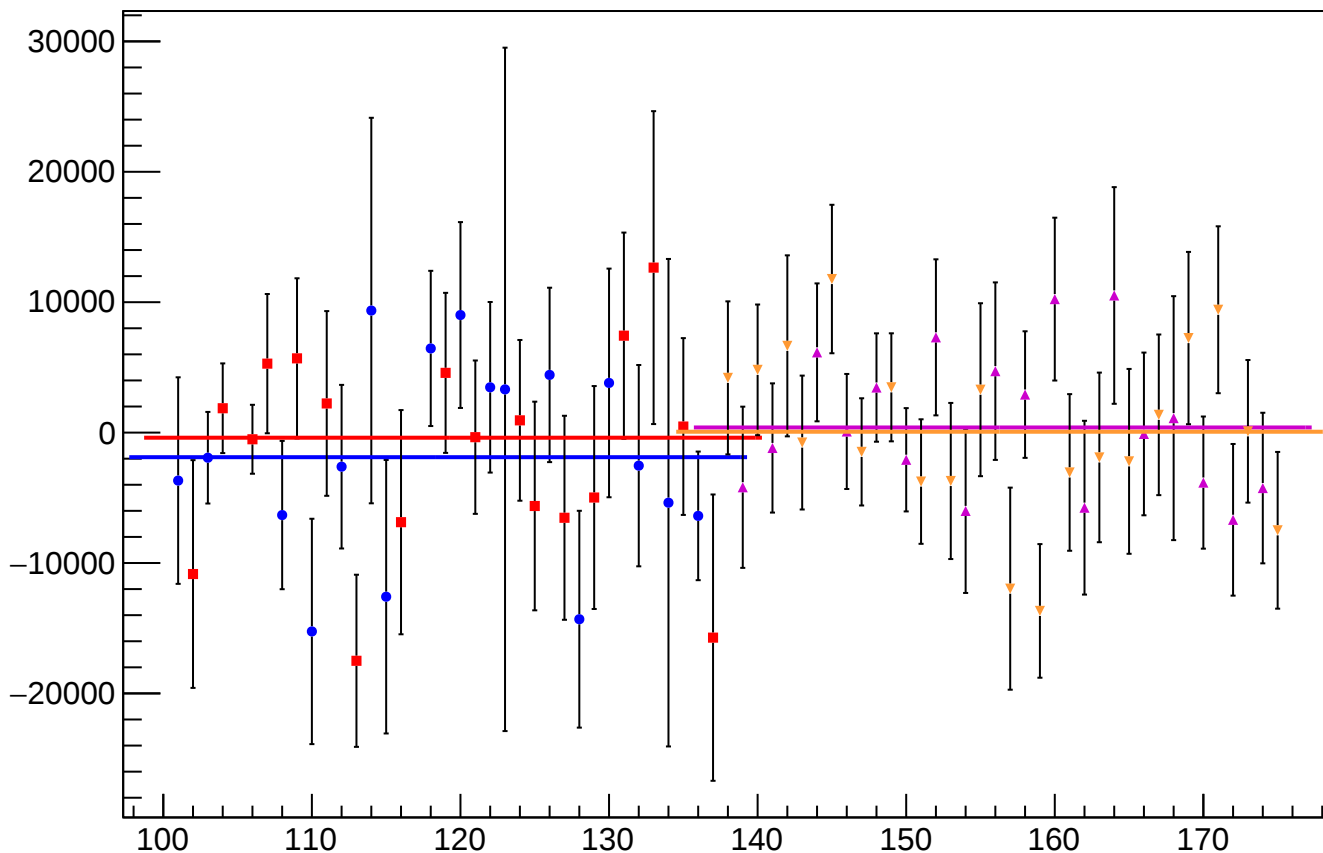
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1929.385 $\pm$ 0.301 χ^2 /NDF:640253.0/34

Out: 1941.915 $\pm$ 0.294 χ^2 /NDF:573631.2/37

All: 1935.795 $\pm$ 0.210 χ^2 /NDF: 1214770.4/72

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 66.119+/-1258.624 χ^2/NDF : 23.7/19

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

Left In: 393.205+/-1300.458 χ^2/NDF : 13.5/17

Left: 224.316+/-904.410 χ^2/NDF : 37.2/37

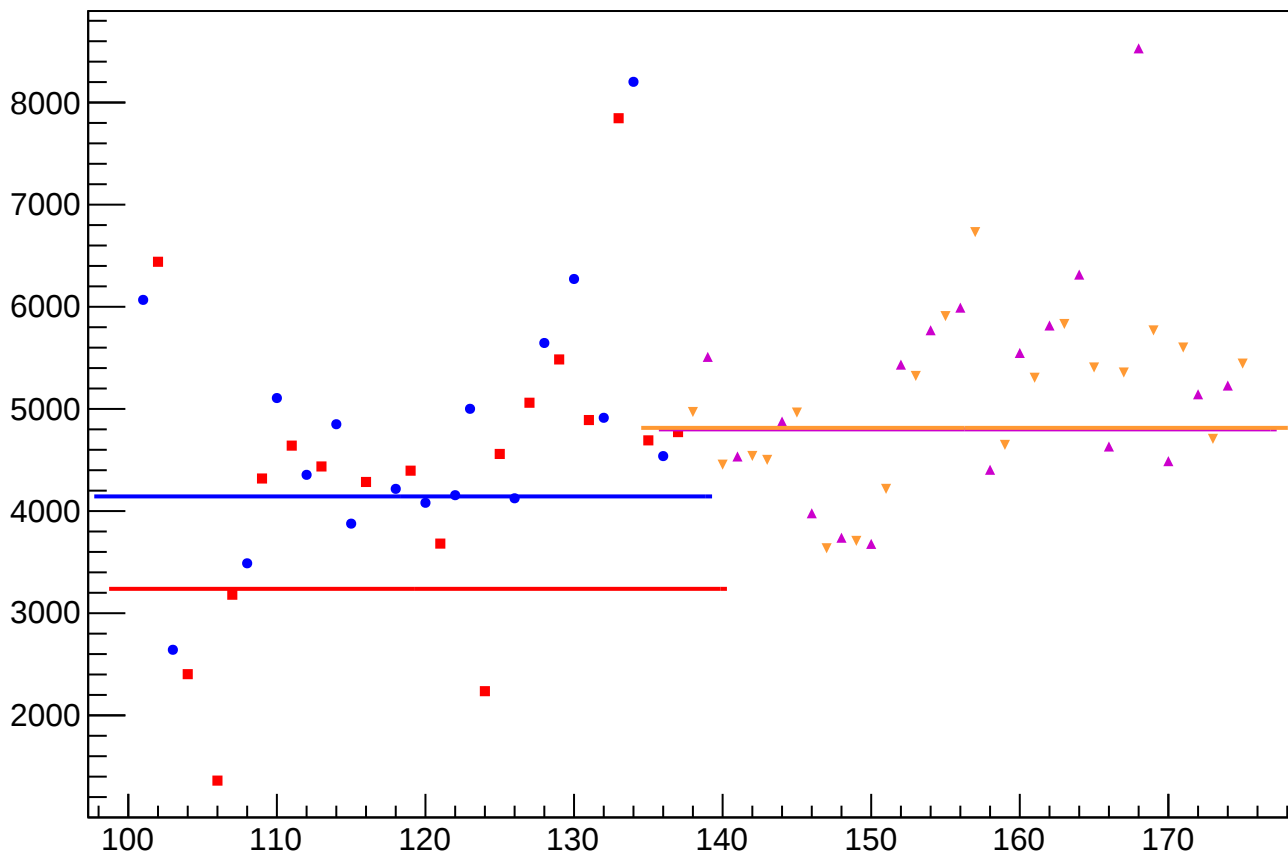
Right: -993.190+/-1052.280 χ^2/NDF : 32.2/34

In: -474.653+/-1023.245 χ^2/NDF : 28.8/34

Out: -144.698+/-924.271 χ^2/NDF : 41.3/37

All: -292.950+/-685.888 χ^2/NDF : 70.1/72

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4814.558+/-0.890 χ^2/NDF : 741788.9/19

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

Left In: 4799.724+/-0.920 χ^2/NDF : 1024090.5/17

Left: 4807.383+/-0.640 χ^2/NDF : 1766013.8/37

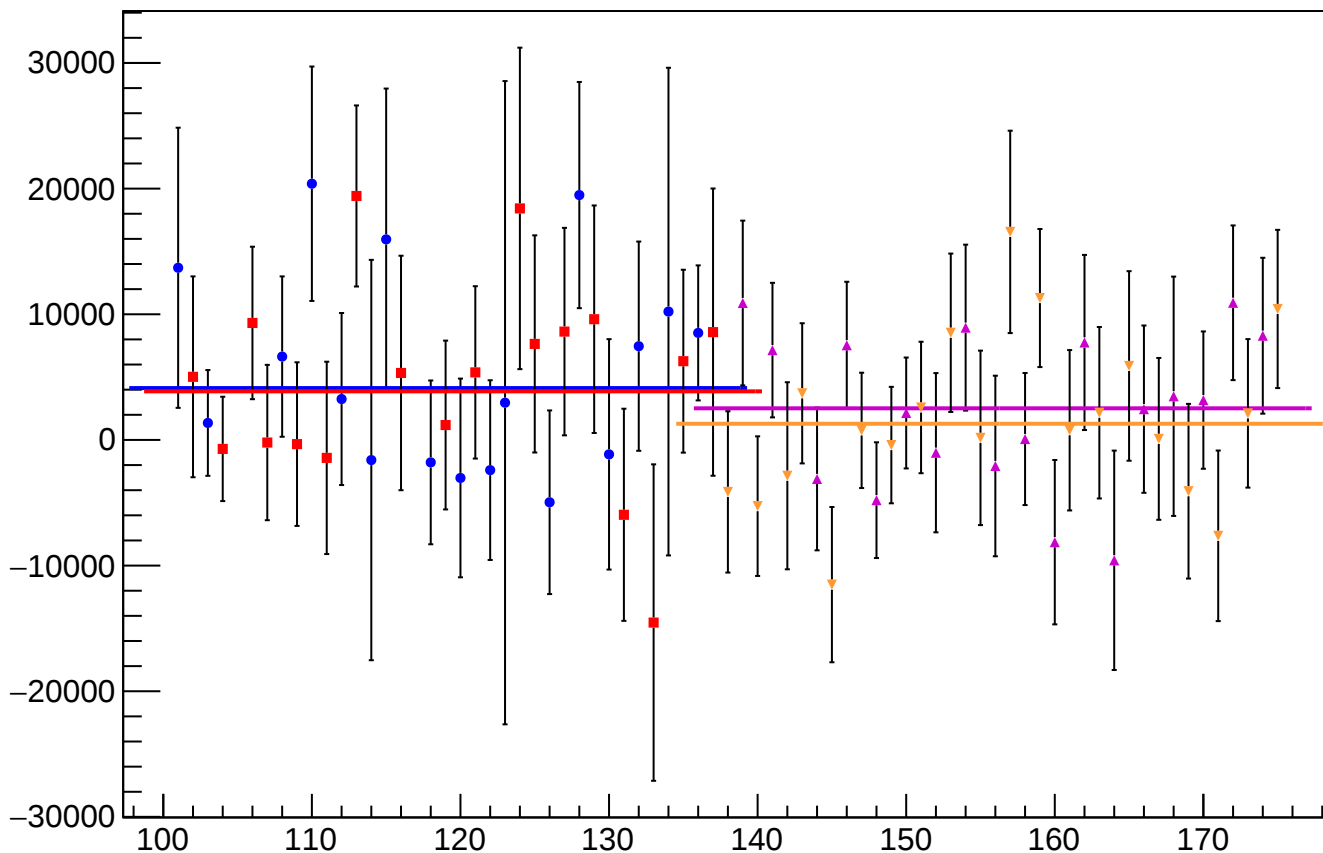
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4549.766+/-0.724 χ^2/NDF : 2074049.8/34

Out: 4088.464+/-0.654 χ^2/NDF : 4768449.8/37

All: 4295.731+/-0.485 χ^2/NDF : 7066344.9/72

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1287.933+/-1358.113 χ^2/NDF : 20.2/19

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

Left In: 2516.581+/-1404.644 χ^2/NDF : 16.6/17

Left: 1881.570+/-976.366 χ^2/NDF : 37.3/37

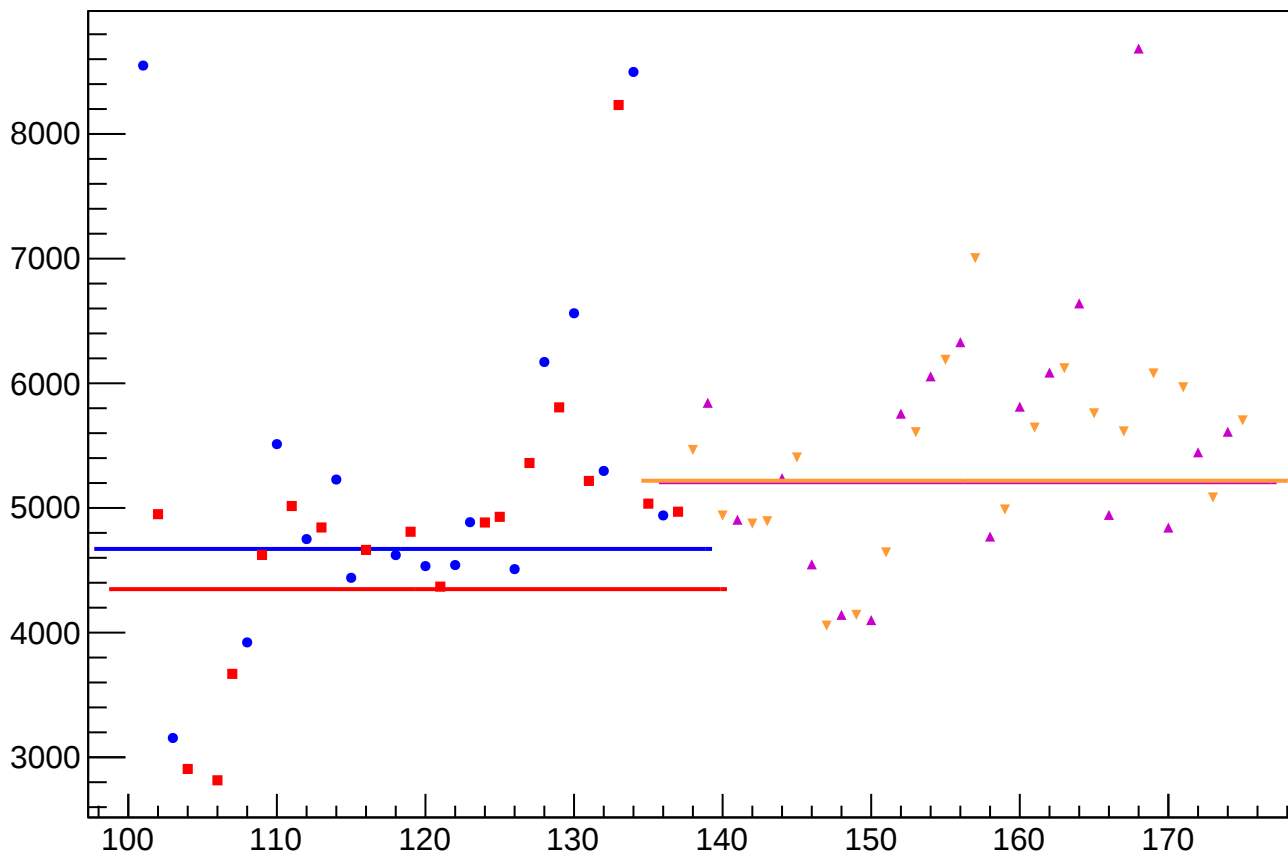
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3100.096+/-1121.588 χ^2/NDF : 30.8/34

Out: 2272.894+/-1067.667 χ^2/NDF : 35.9/37

All: 2666.133+/-773.315 χ^2/NDF : 67.0/72

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5218.338 $\pm$ 0.960 χ^2/NDF : 559256.2/19

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

Left In: 5206.499 $\pm$ 0.993 χ^2/NDF : 795908.8/17

Left: 5212.618 $\pm$ 0.690 χ^2/NDF : 1355238.4/37

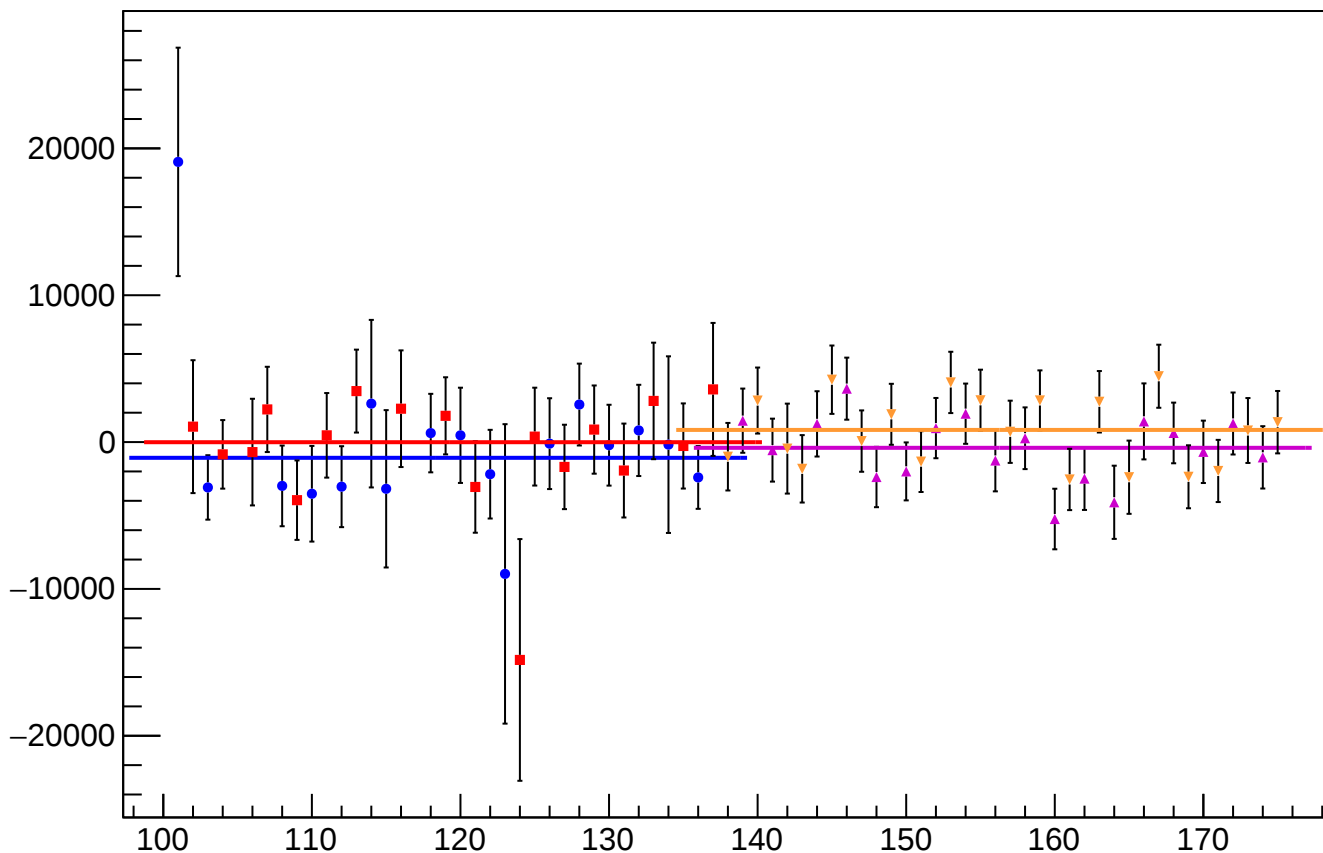
Right: 4496.923 $\pm$ 0.893 χ^2/NDF : 1610954.9/34

In: 5012.539 $\pm$ 0.793 χ^2/NDF : 1687243.6/34

Out: 4883.770 $\pm$ 0.753 χ^2/NDF : 1667162.0/37

All: 4944.842 $\pm$ 0.546 χ^2/NDF : 3368265.1/72

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 827.772 ± 488.742 $\chi^2/\text{NDF}: 22.9/19$

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

Left In: -391.019 ± 503.653 $\chi^2/\text{NDF}: 18.6/17$

Left: 236.685 ± 350.746 $\chi^2/\text{NDF}: 44.6/37$

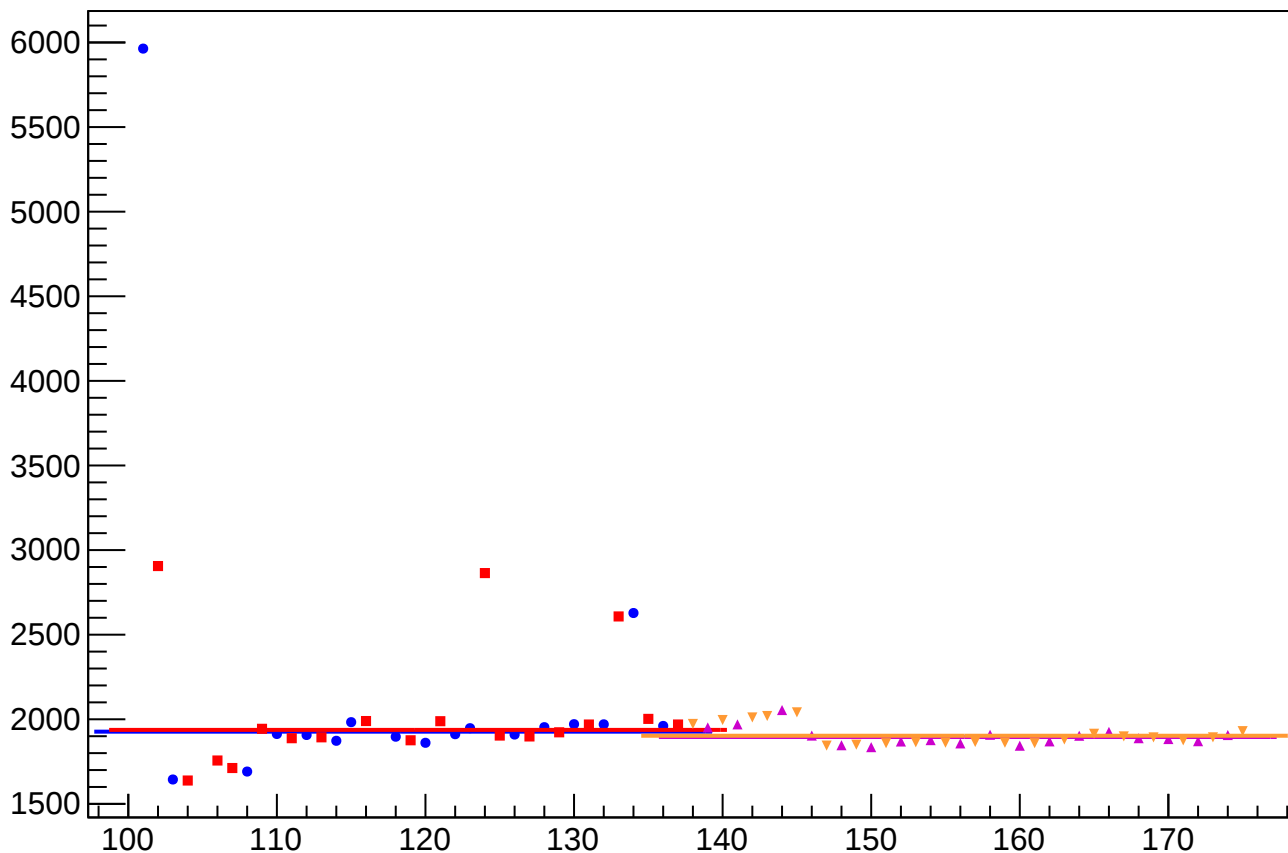
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -597.473 ± 420.330 $\chi^2/\text{NDF}: 32.9/34$

Out: 577.485 ± 409.161 $\chi^2/\text{NDF}: 35.2/37$

All: 5.824 ± 293.190 $\chi^2/\text{NDF}: 72.1/72$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1902.765+/-0.346 χ^2/NDF : 28522.9/19

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

Left In: 1895.255+/-0.356 χ^2/NDF : 20501.9/17

Left: 1899.123+/-0.248 χ^2/NDF : 49253.7/37

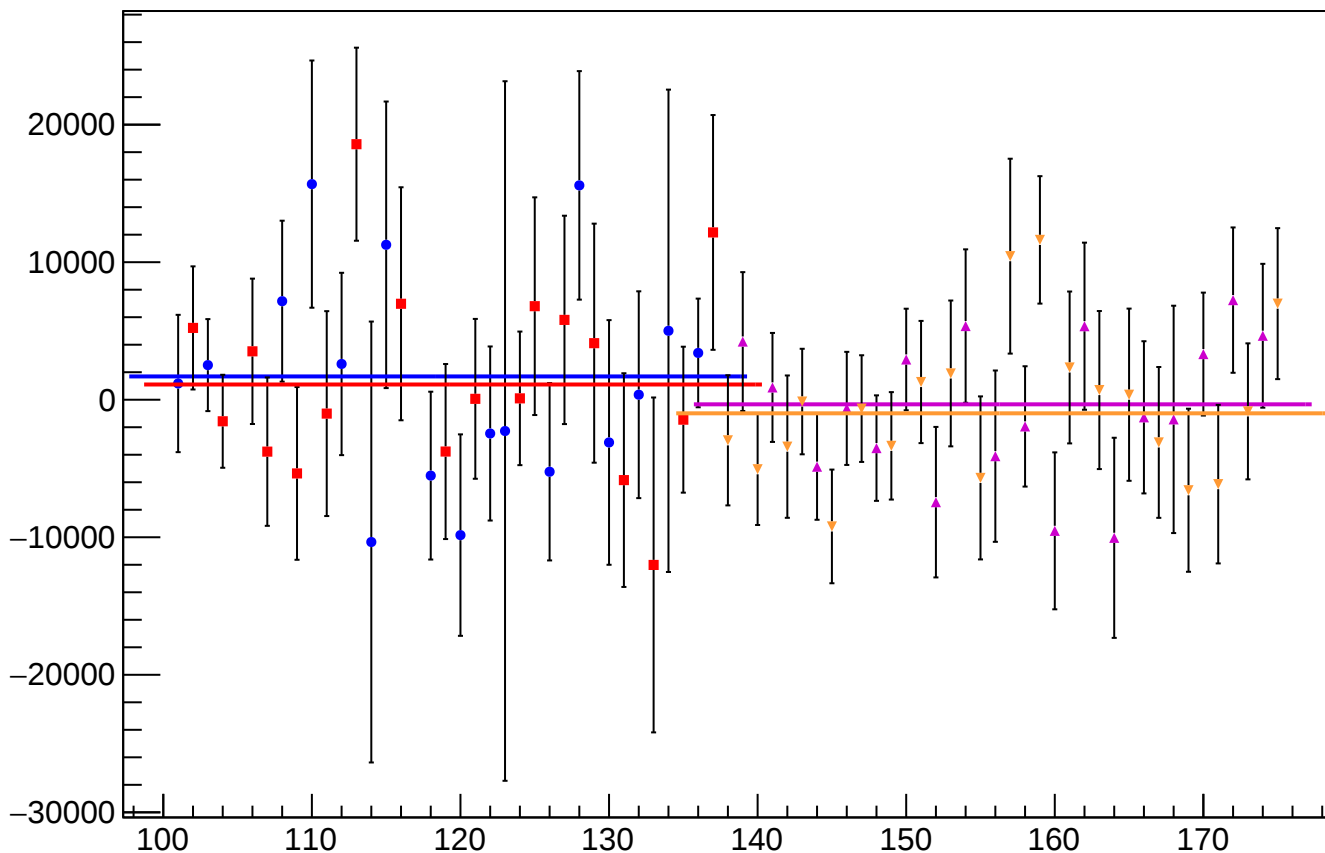
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1904.856+/-0.297 χ^2/NDF : 640013.0/34

Out: 1913.101+/-0.289 χ^2/NDF : 260589.2/37

All: 1909.090+/-0.207 χ^2/NDF : 900997.4/72

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -988.242 $\pm$ 1092.972 χ^2 /NDF:21.4/19

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

Left In: -334.058 $\pm$ 1146.598 χ^2 /NDF:15.9/17

Left: -676.805 $\pm$ 791.127 χ^2 /NDF: 37.5/37

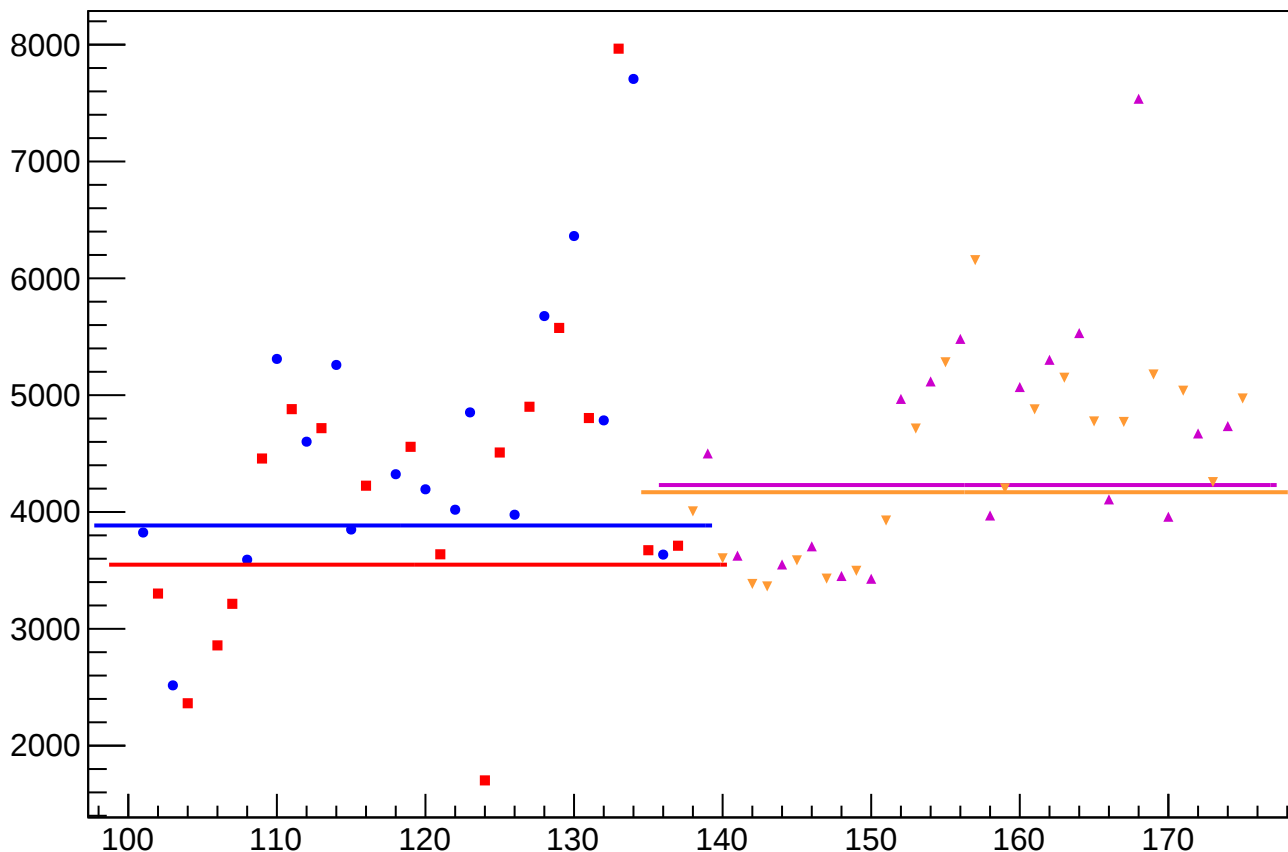
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: 382.049 $\pm$ 922.206 χ^2 /NDF:30.7/34

Out: -203.347 $\pm$ 864.455 χ^2 /NDF:38.7/37

All: 70.449 $\pm$ 630.691 χ^2 /NDF: 69.6/72

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4169.309 $\pm$ 0.773 χ^2 /NDF: 882956.6/19

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

Left In: 4230.718 $\pm$ 0.811 χ^2 /NDF: 1028817.9/17

Left: 4198.544 $\pm$ 0.559 χ^2 /NDF: 1914780.1/37

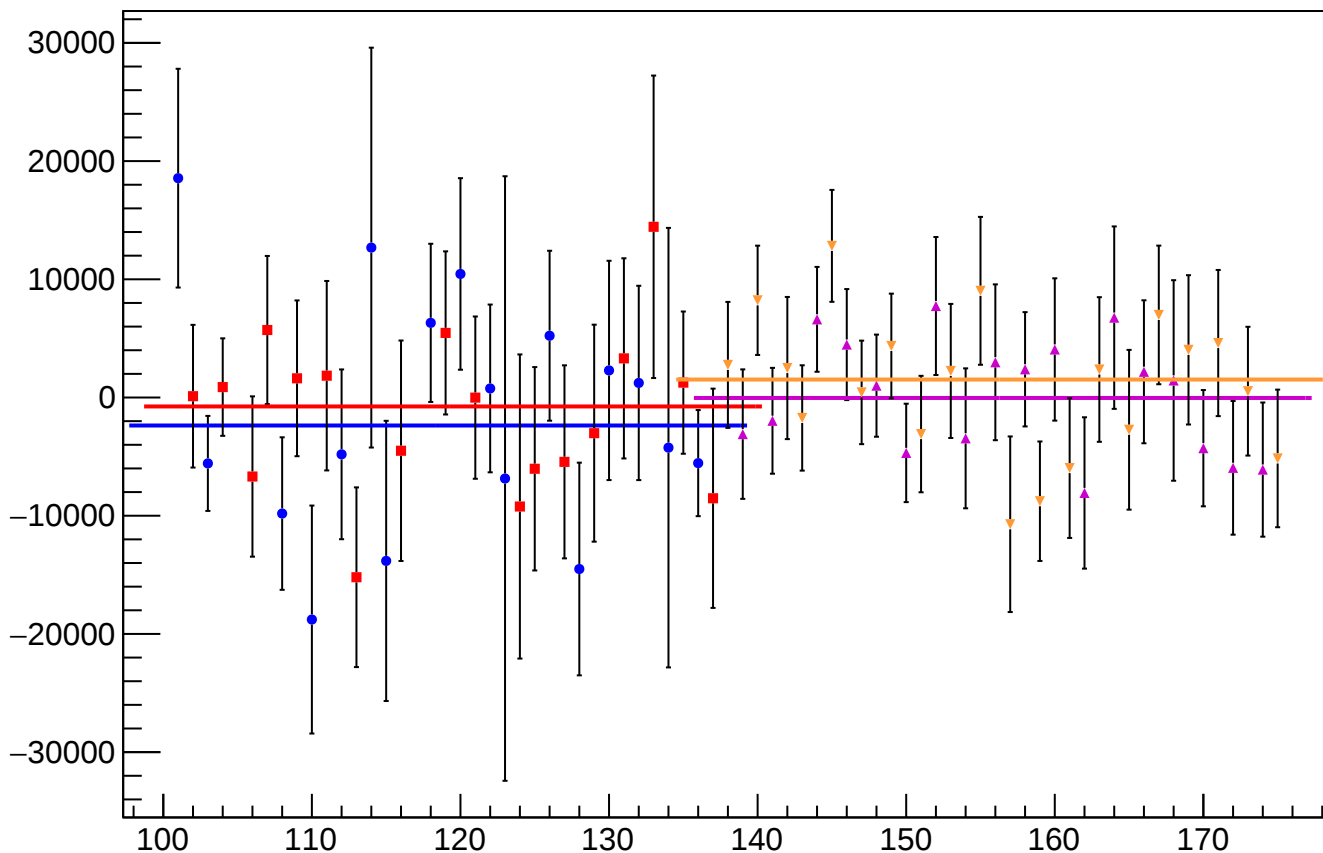
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4108.502 $\pm$ 0.652 χ^2 /NDF: 1919732.3/34

Out: 3937.088 $\pm$ 0.611 χ^2 /NDF: 2451021.6/37

All: 4017.260 $\pm$ 0.446 χ^2 /NDF: 4407534.2/72

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1521.549+/-1209.355 χ^2/NDF : 22.7/19

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

Left In: -38.067+/-1261.795 χ^2/NDF : 13.5/17

Left: 774.823+/-873.094 χ^2/NDF : 37.0/37

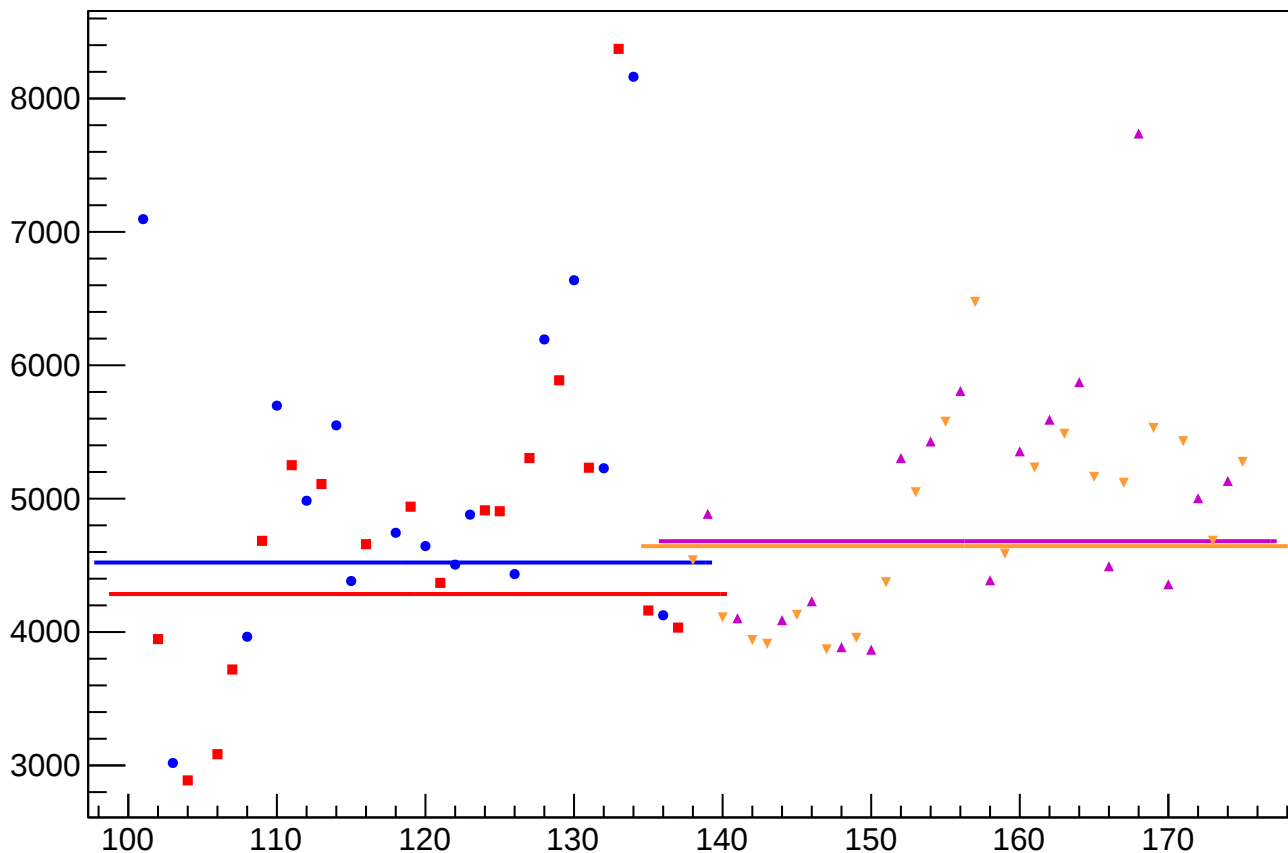
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -804.485+/-1033.585 χ^2/NDF : 34.8/34

Out: 752.192+/-984.094 χ^2/NDF : 34.4/37

All: 12.014+/-712.714 χ^2/NDF : 70.4/72

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4644.016+/-0.855 χ^2/NDF : 603931.9/19

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

Left In: 4681.338+/-0.892 χ^2/NDF : 757212.1/17

Left: 4661.885+/-0.617 χ^2/NDF : 1362056.1/37

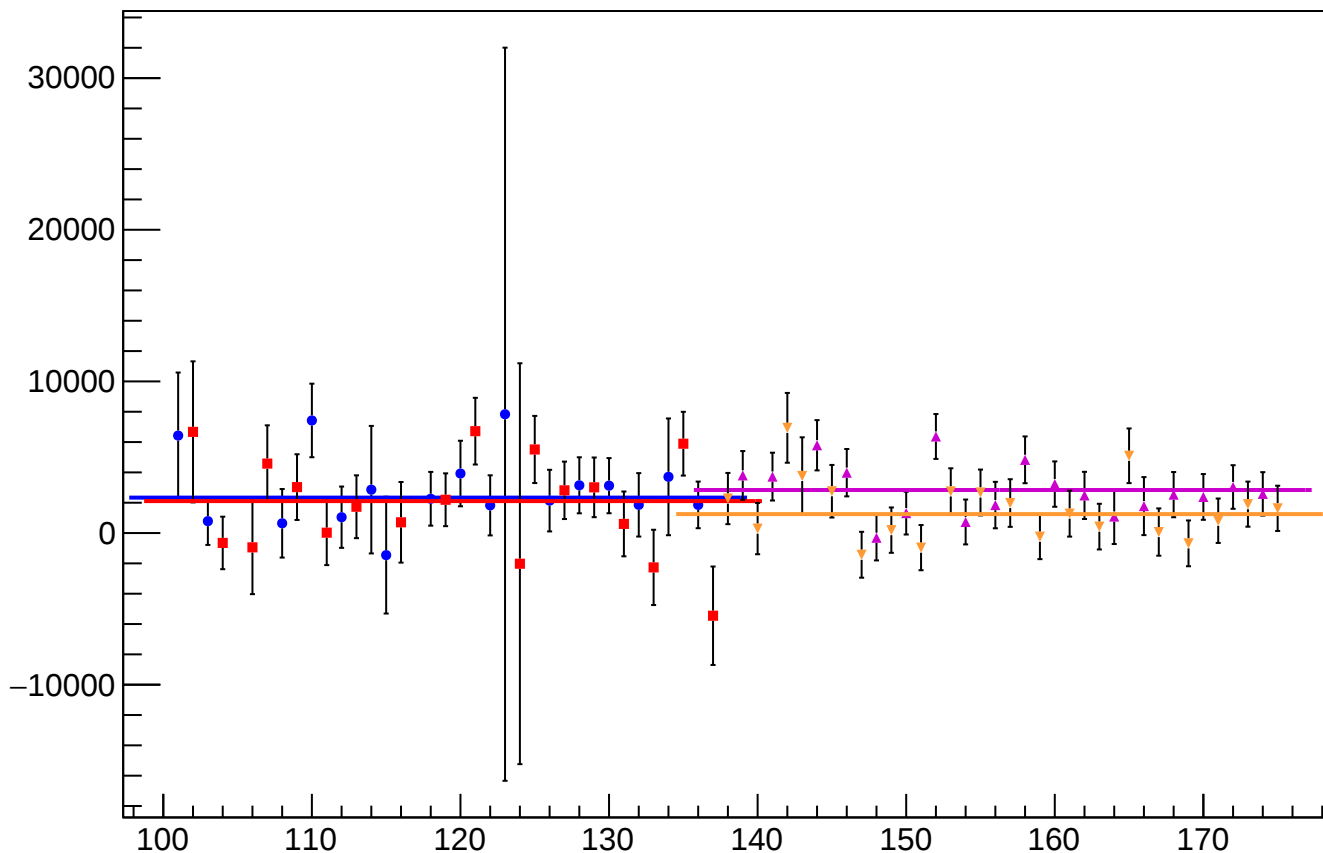
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4628.661+/-0.731 χ^2/NDF : 1546481.9/34

Out: 4521.853+/-0.695 χ^2/NDF : 1410297.1/37

All: 4572.537+/-0.503 χ^2/NDF : 2968001.3/72

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: 1249.150 $\pm$ 357.068 χ^2 /NDF:24.9/19

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

Left In: 2838.504 $\pm$ 363.389 χ^2 /NDF:21.3/17

Left: 2029.883 $\pm$ 254.690 χ^2 /NDF: 55.9/37

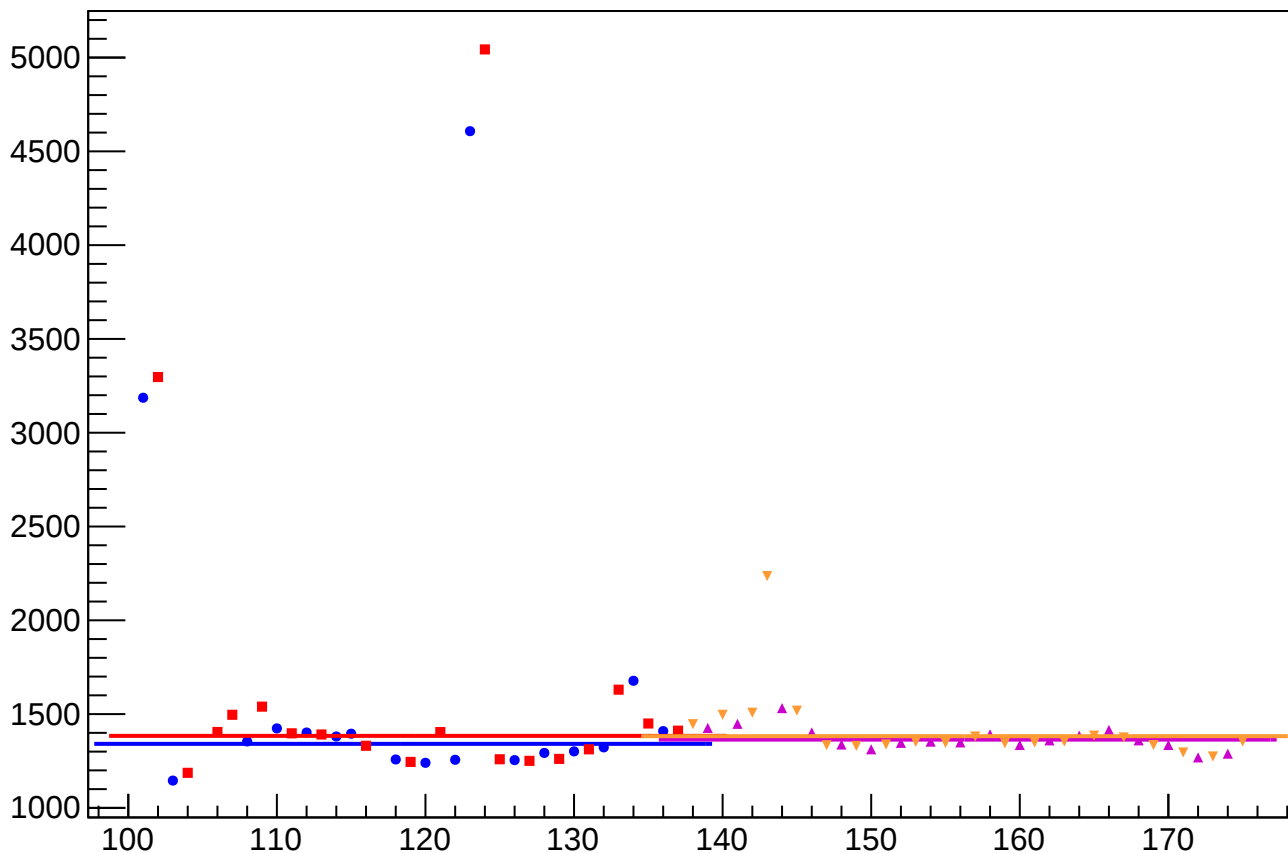
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2678.593 $\pm$ 299.912 χ^2 /NDF:31.6/34

Out: 1510.422 $\pm$ 297.777 χ^2 /NDF:53.0/37

All: 2090.335 $\pm$ 211.311 χ^2 /NDF: 92.2/72

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: 1382.225+/-0.252 χ^2/NDF : 285792.6/19

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

Left In: 1363.954+/-0.257 χ^2/NDF : 52351.6/17

Left: 1373.250+/-0.180 χ^2/NDF : 340716.4/37

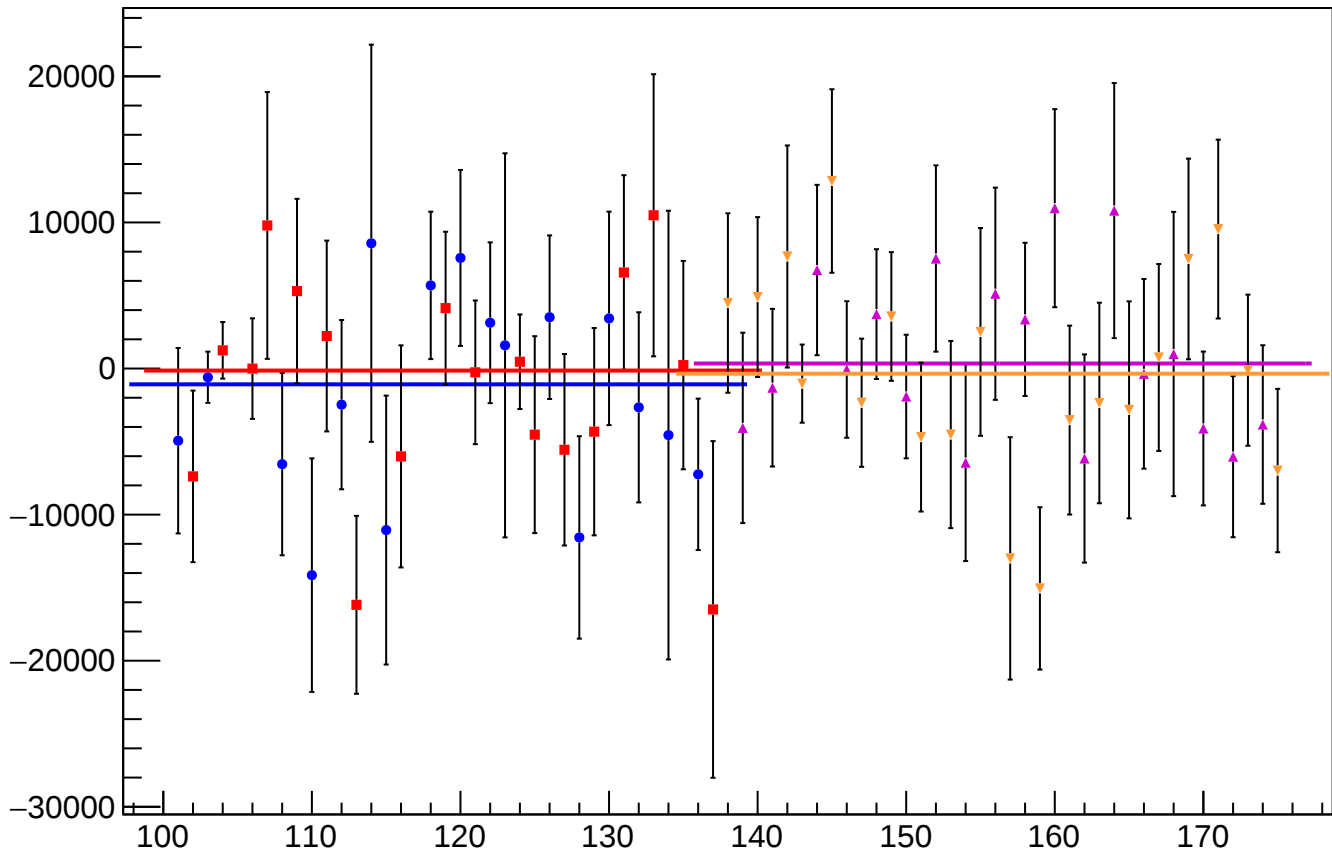
Right: 1362.318+/-0.268 χ^2/NDF : 1104435.3/34

In: 1356.755+/-0.212 χ^2/NDF : 559086.0/34

Out: 1382.740+/-0.211 χ^2/NDF : 879652.5/37

All: 1369.842+/-0.149 χ^2/NDF : 1446300.3/72

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



Right In: -1081.040 ± 1212.382 $\chi^2/\text{NDF}: 15.0/16$

Left Out: -354.503 ± 1212.233 $\chi^2/\text{NDF}: 24.6/19$

Right Out: -138.838 ± 1129.319 $\chi^2/\text{NDF}: 18.0/17$

Left In: 344.728 ± 1369.233 $\chi^2/\text{NDF}: 13.1/17$

Left: -47.257 ± 907.633 $\chi^2/\text{NDF}: 37.8/37$

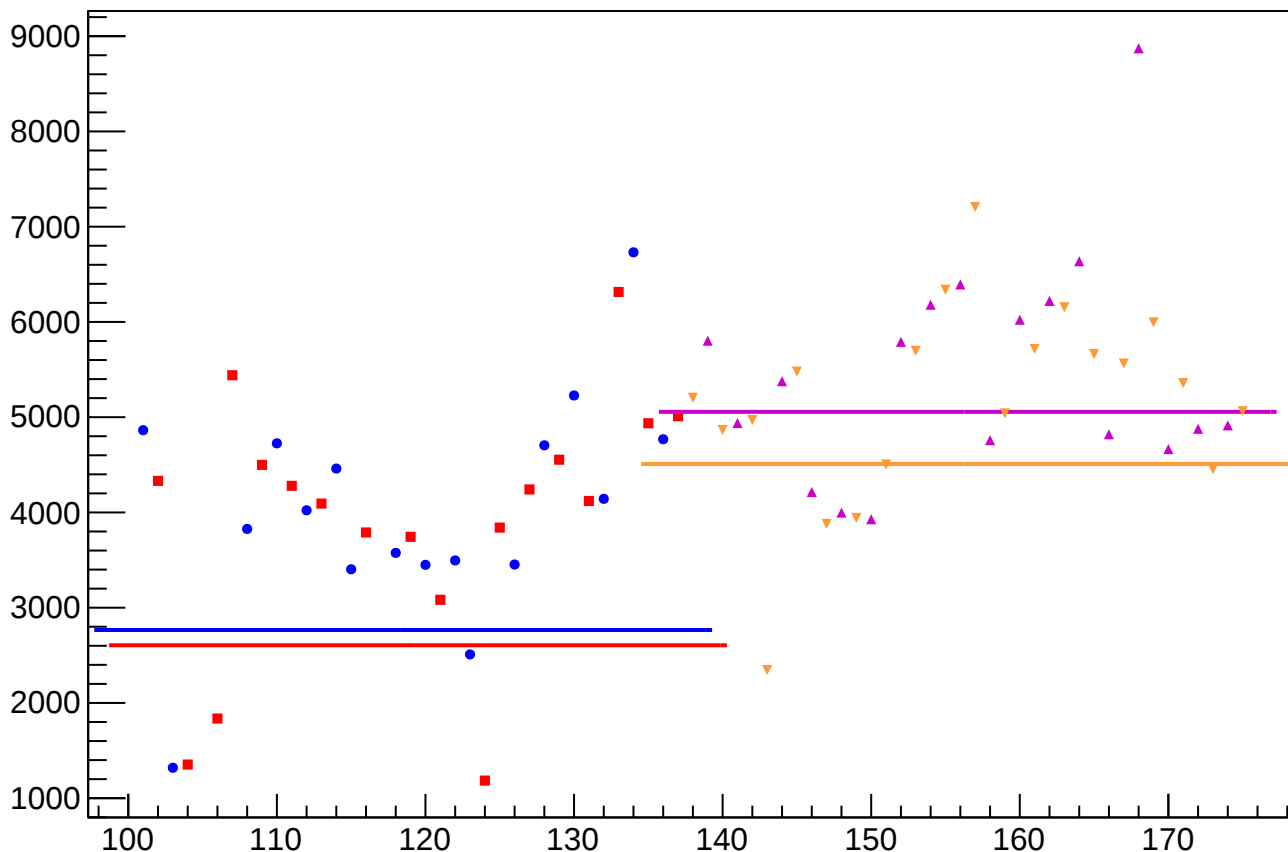
Right: -576.559 ± 826.355 $\chi^2/\text{NDF}: 33.3/34$

In: -454.463 ± 907.696 $\chi^2/\text{NDF}: 28.7/34$

Out: -239.043 ± 826.308 $\chi^2/\text{NDF}: 42.6/37$

All: -336.664 ± 611.040 $\chi^2/\text{NDF}: 71.3/72$

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: 4508.970 $\pm$ 0.857 χ^2 /NDF: 2342628.7/19

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

Left In: 5056.136 $\pm$ 0.968 χ^2 /NDF: 994905.0/17

Left: 4749.398 $\pm$ 0.642 χ^2 /NDF: 3516578.4/37

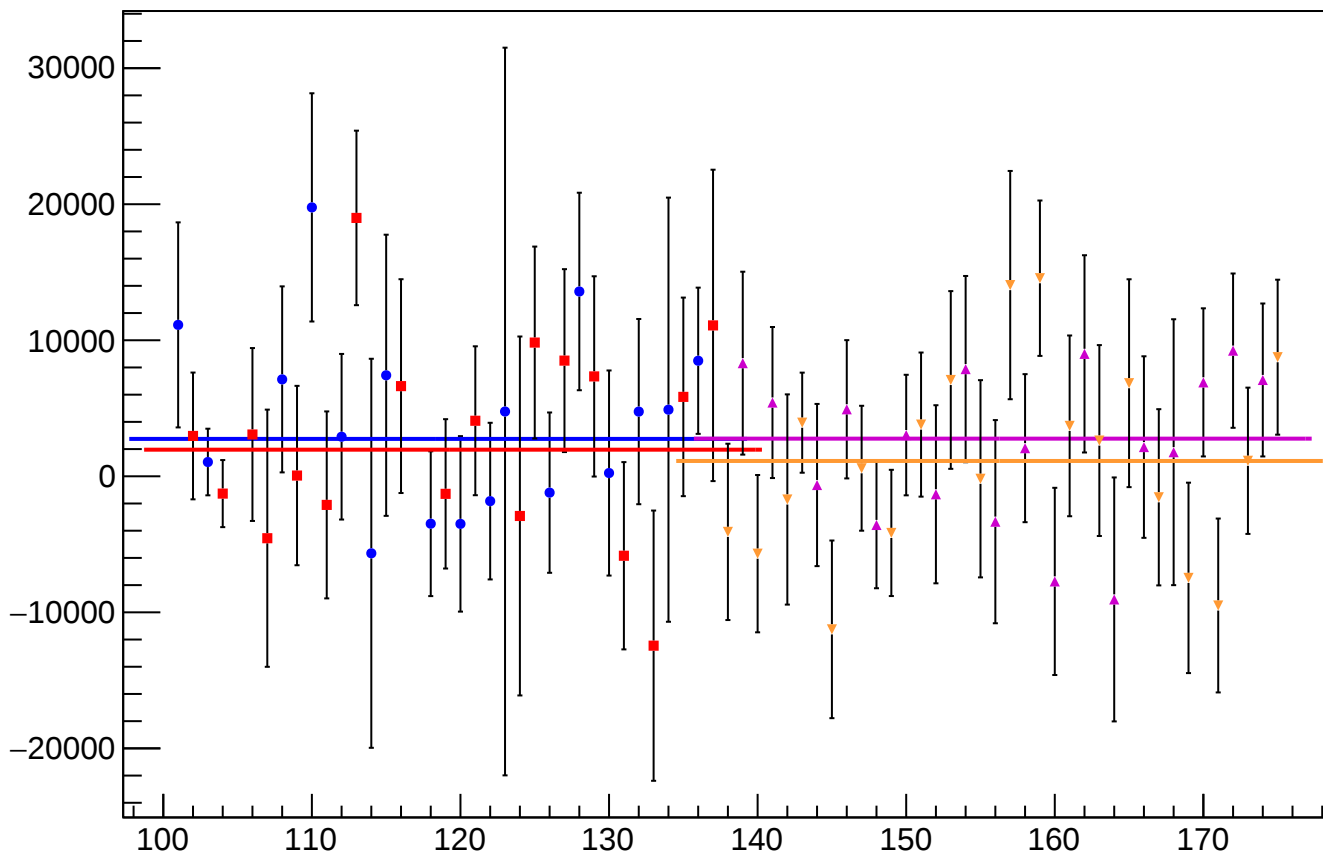
Right: 2679.956 $\pm$ 0.584 χ^2 /NDF: 6280117.2/34

In: 3772.290 $\pm$ 0.642 χ^2 /NDF: 7070876.8/34

Out: 3489.932 $\pm$ 0.584 χ^2 /NDF: 8304864.7/37

All: 3617.887 $\pm$ 0.432 χ^2 /NDF: 15481570.6/71

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: 1126.337+/-1314.297 χ^2/NDF : 23.7/19

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

Left In: 2767.400+/-1418.572 χ^2/NDF : 12.2/17

Left: 1884.344+/-964.107 χ^2/NDF : 36.6/37

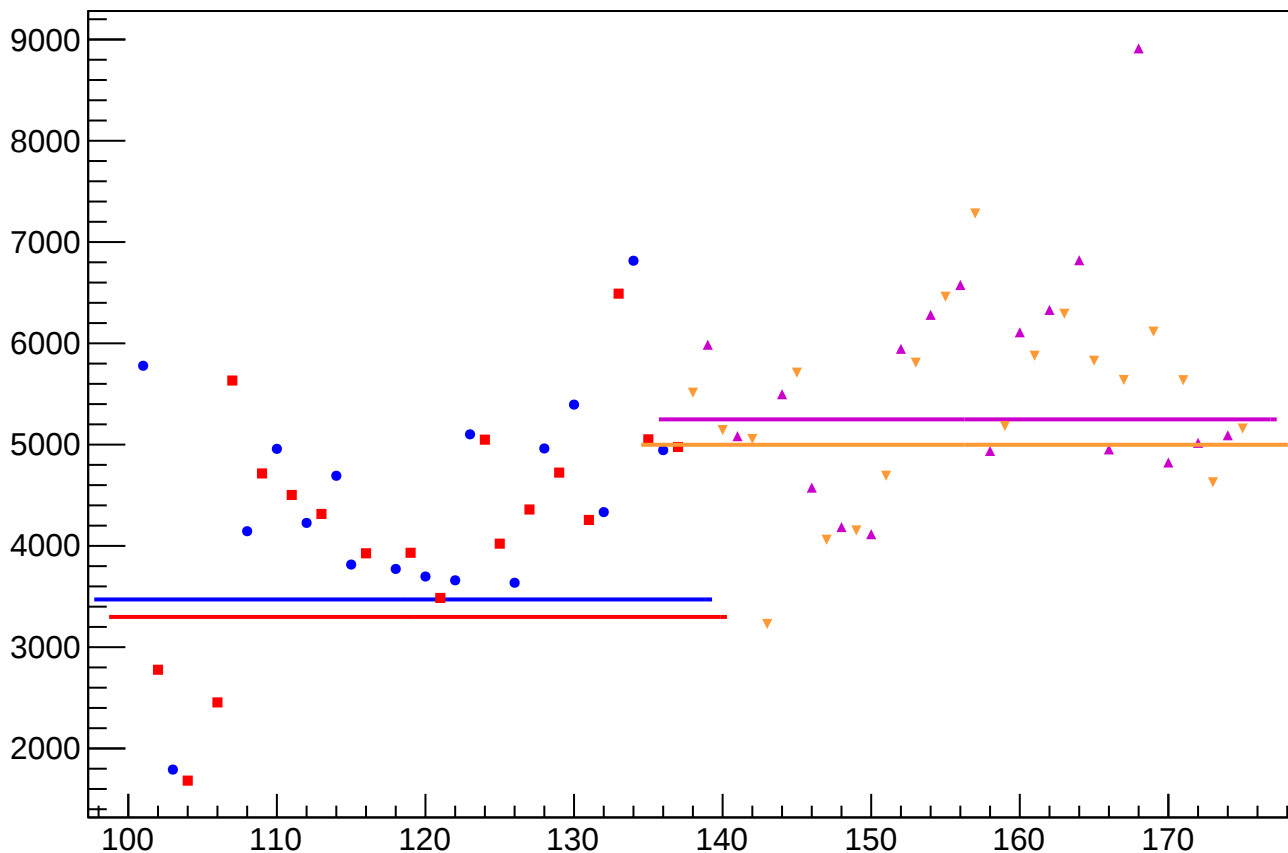
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2758.027+/-1012.859 χ^2/NDF : 26.0/34

Out: 1519.624+/-953.136 χ^2/NDF : 41.6/37

All: 2101.240+/-694.122 χ^2/NDF : 68.4/72

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: 4998.451+/-0.929 χ^2/NDF : 1147038.0/19

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

Left In: 5249.115+/-1.003 χ^2/NDF : 876854.4/17

Left: 5114.233+/-0.682 χ^2/NDF : 2057495.2/37

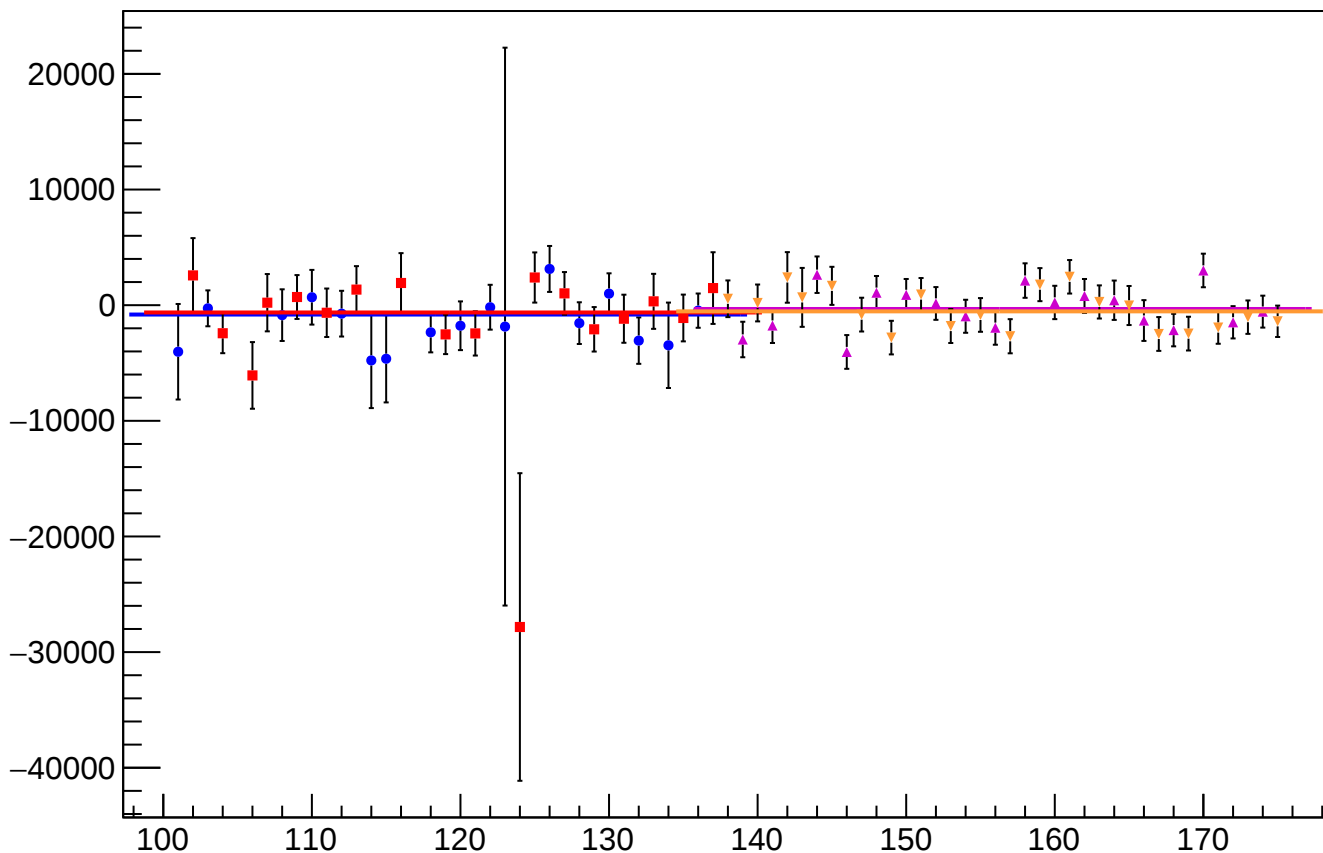
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4377.528+/-0.716 χ^2/NDF : 4184890.1/34

Out: 4184.804+/-0.671 χ^2/NDF : 4634368.4/37

All: 4274.897+/-0.490 χ^2/NDF : 8857820.1/72

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: -533.701+/-340.499 χ^2/NDF : 23.3/19

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

Left In: -328.820+/-347.590 χ^2/NDF : 28.8/17

Left: -433.371+/-243.238 χ^2/NDF : 52.2/37

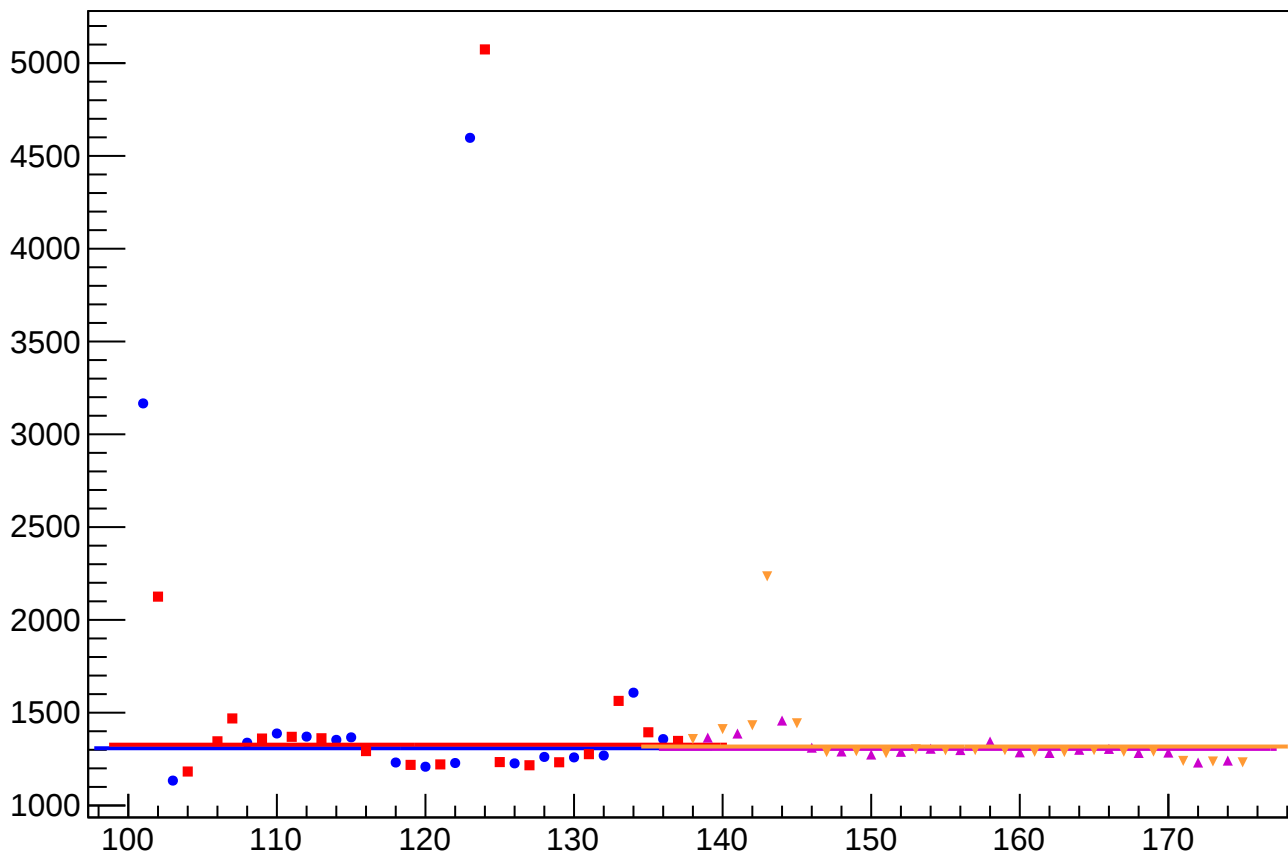
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -477.833+/-288.664 χ^2/NDF : 40.5/34

Out: -563.196+/-284.020 χ^2/NDF : 41.9/37

All: -521.207+/-202.454 χ^2/NDF : 82.4/72

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: 1317.630+/-0.241 χ^2/NDF : 311998.2/19

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

Left In: 1304.907+/-0.246 χ^2/NDF : 42148.8/17

Left: 1311.399+/-0.172 χ^2/NDF : 355514.4/37

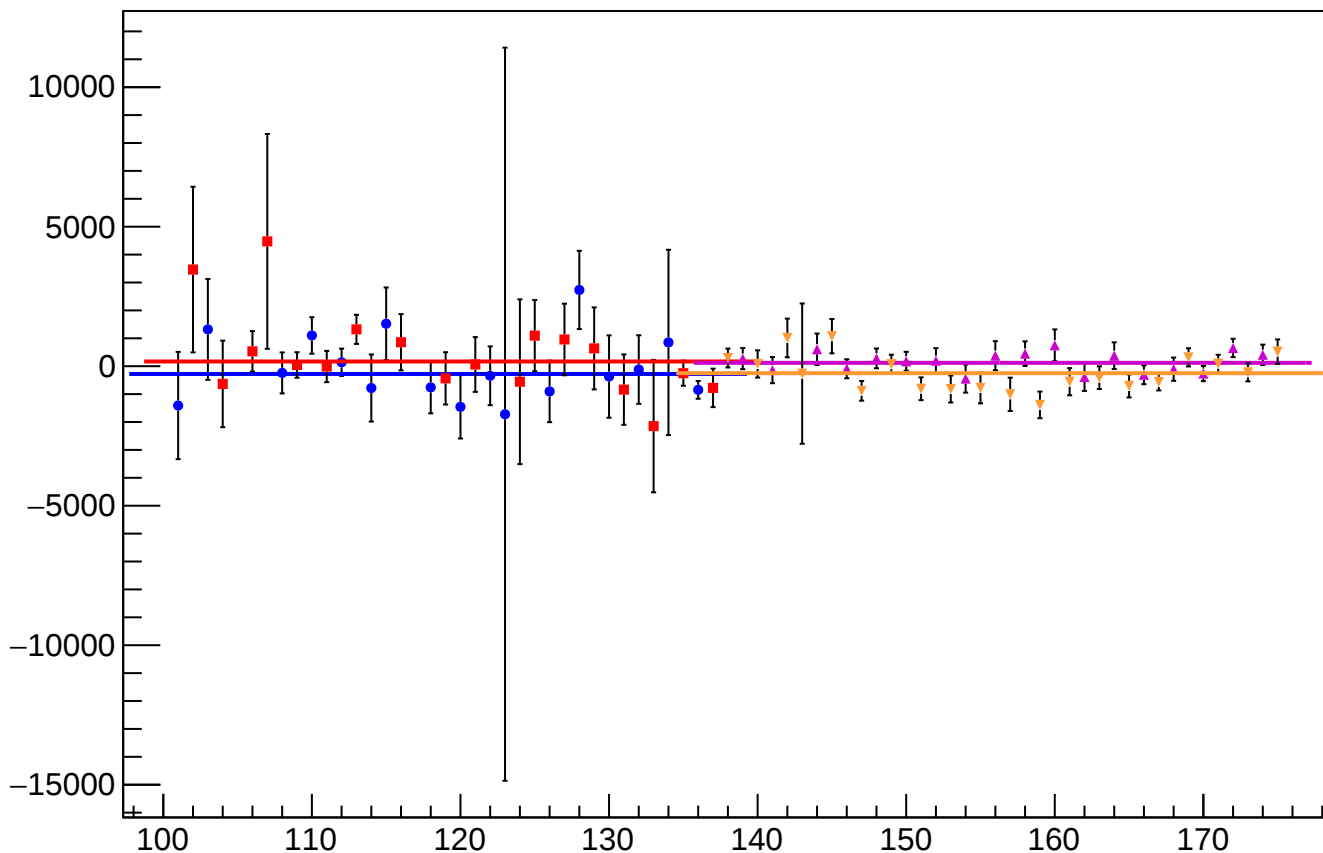
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1305.980+/-0.204 χ^2/NDF : 548755.4/34

Out: 1320.677+/-0.201 χ^2/NDF : 669855.4/37

All: 1313.448+/-0.143 χ^2/NDF : 1221244.9/72

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -249.208+/-92.657 χ^2/NDF : 36.7/19

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

Left In: 120.924+/-93.643 χ^2/NDF : 13.6/17

Left: -66.099+/-65.864 χ^2/NDF : 58.2/37

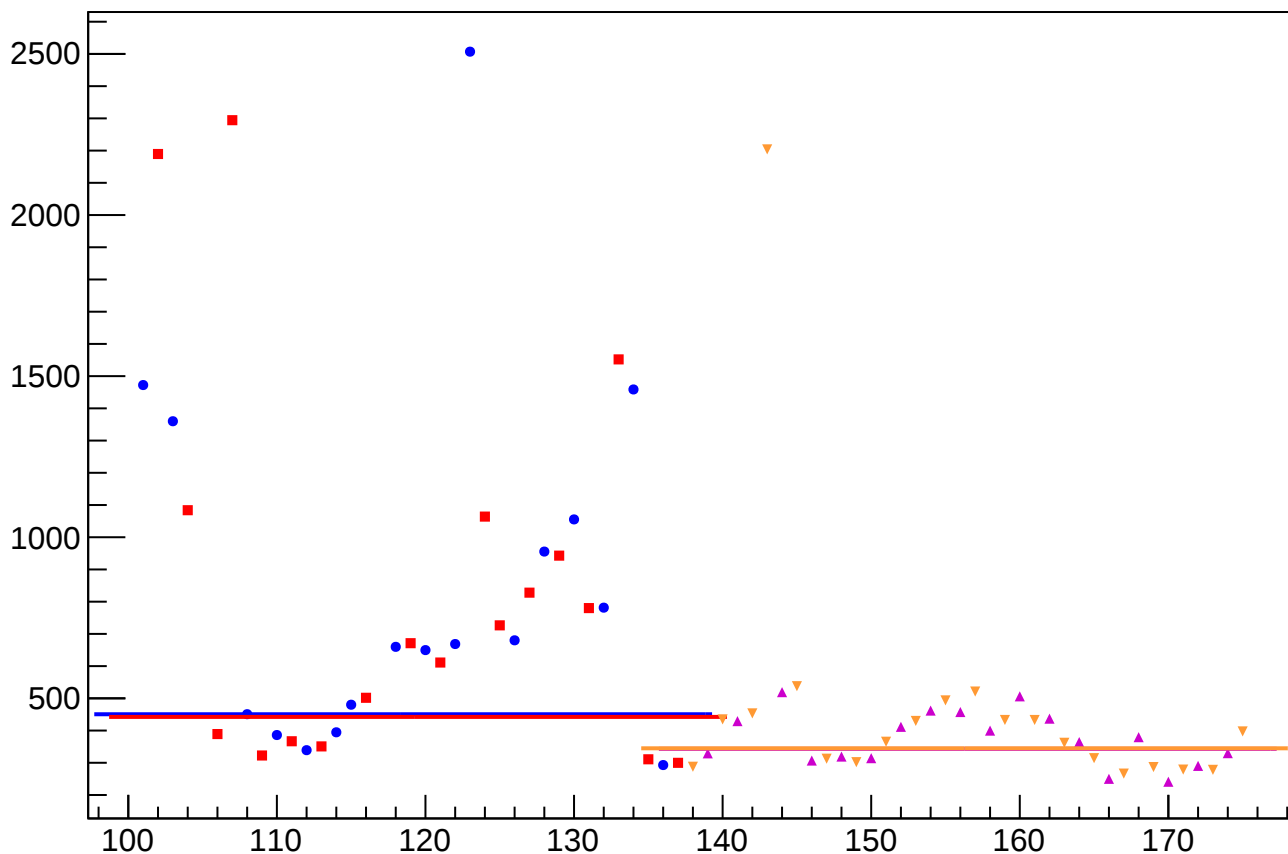
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 47.949+/-84.662 χ^2/NDF : 35.0/34

Out: -170.419+/-83.488 χ^2/NDF : 54.9/37

All: -62.759+/-59.446 χ^2/NDF : 93.3/72

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 344.912+/-0.066 χ^2/NDF : 2442750.6/19

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

Left In: 343.274+/-0.066 χ^2/NDF : 1340740.0/17

Left: 344.101+/-0.047 χ^2/NDF : 3783799.8/37

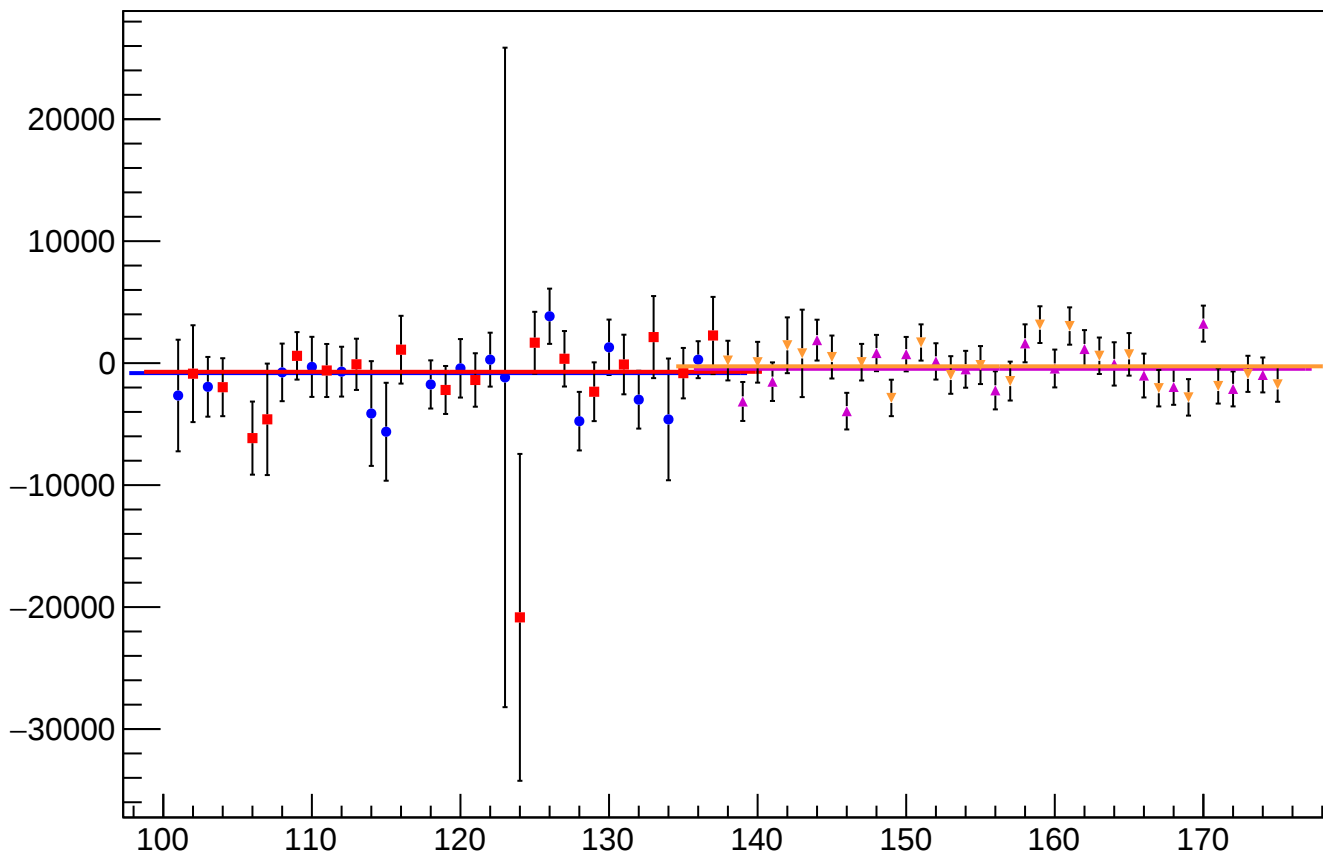
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 362.871+/-0.060 χ^2/NDF : 4818174.2/34

Out: 363.245+/-0.059 χ^2/NDF : 6227306.5/37

All: 363.061+/-0.042 χ^2/NDF : 11045500.5/72

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: -260.544+/-356.556 χ^2/NDF : 23.9/19

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

Left In: -463.079+/-362.380 χ^2/NDF : 25.3/17

Left: -360.171+/-254.157 χ^2/NDF : 49.3/37

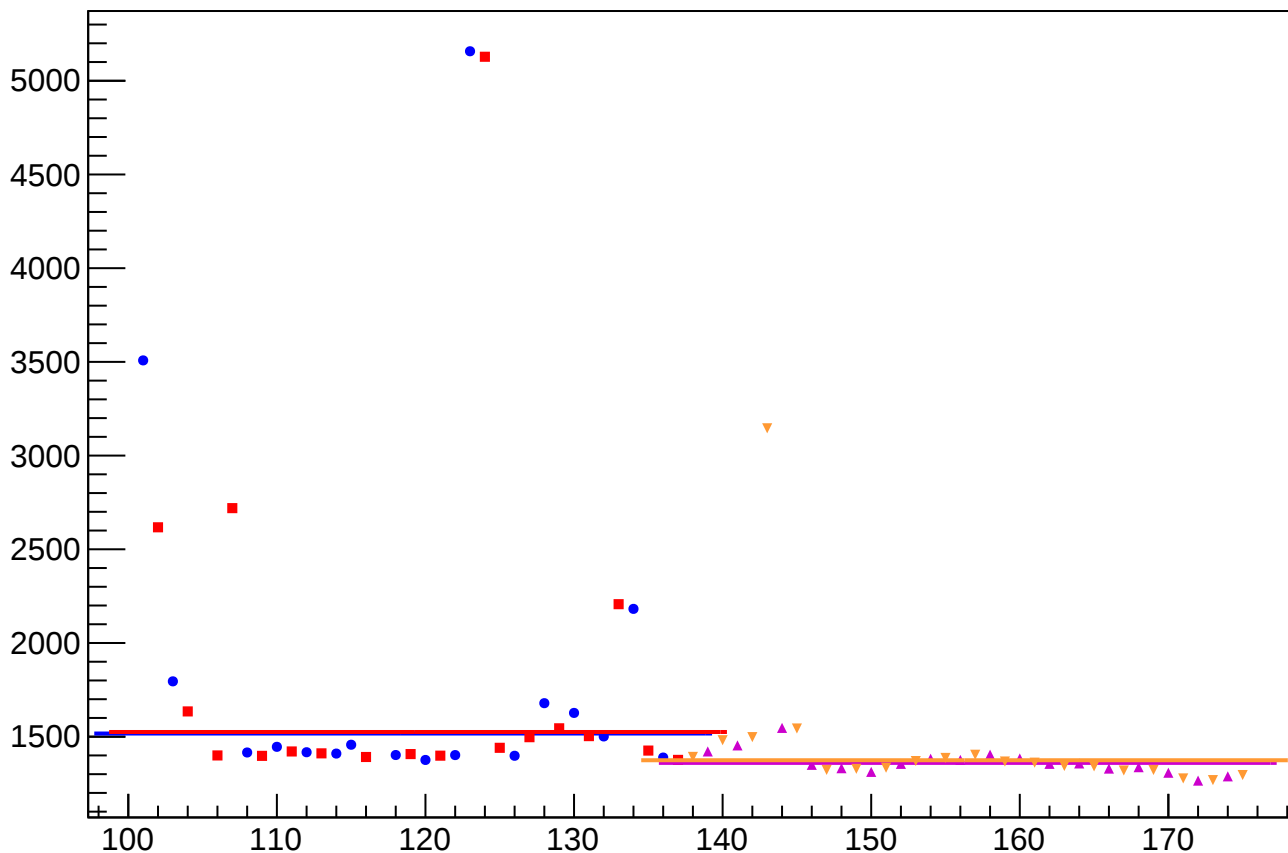
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -557.439+/-310.352 χ^2/NDF : 38.3/34

Out: -379.151+/-305.989 χ^2/NDF : 35.7/37

All: -467.033+/-217.893 χ^2/NDF : 74.1/72

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1374.316 $\pm$ 0.252 χ^2 /NDF: 560075.3/19

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

Left In: 1360.240 $\pm$ 0.256 χ^2 /NDF: 57949.4/17

Left: 1367.392 $\pm$ 0.180 χ^2 /NDF: 619558.0/37

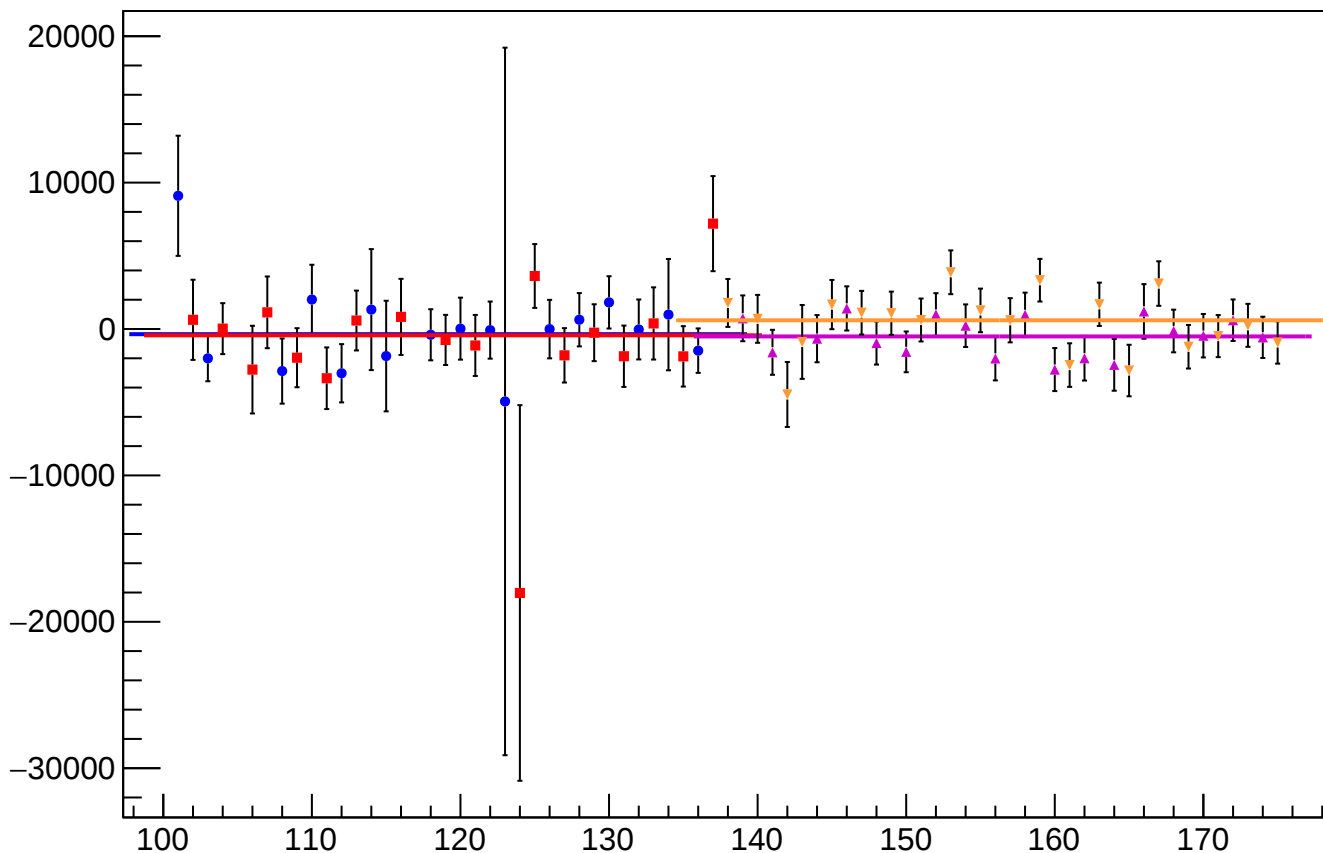
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1402.004 $\pm$ 0.219 χ^2 /NDF: 698658.1/34

Out: 1414.052 $\pm$ 0.216 χ^2 /NDF: 1226260.6/37

All: 1408.113 $\pm$ 0.154 χ^2 /NDF: 1926447.1/72

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: 595.734 ± 349.513 $\chi^2/\text{NDF}: 29.8/19$

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

Left In: -507.077 ± 356.139 $\chi^2/\text{NDF}: 12.7/17$

Left: 54.684 ± 249.453 $\chi^2/\text{NDF}: 47.4/37$

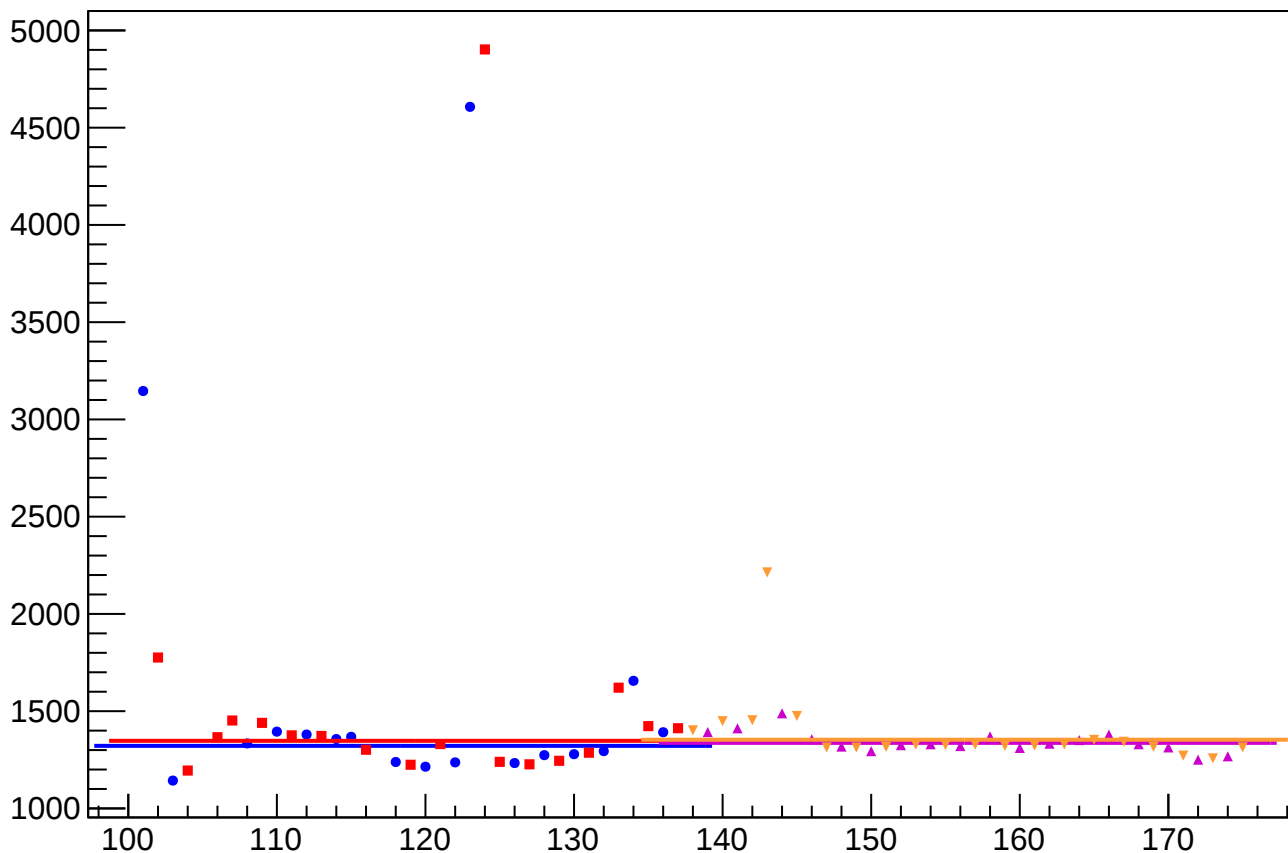
Right: -391.220 ± 369.698 $\chi^2/\text{NDF}: 30.3/34$

In: -458.348 ± 294.428 $\chi^2/\text{NDF}: 26.2/34$

Out: 278.770 ± 290.482 $\chi^2/\text{NDF}: 49.3/37$

All: -84.816 ± 206.783 $\chi^2/\text{NDF}: 78.6/72$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1353.226 $\pm$ 0.247 χ^2 /NDF: 281481.9/19

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

Left In: 1337.064 $\pm$ 0.252 χ^2 /NDF: 43507.9/17

Left: 1345.297 $\pm$ 0.176 χ^2 /NDF: 327088.1/37

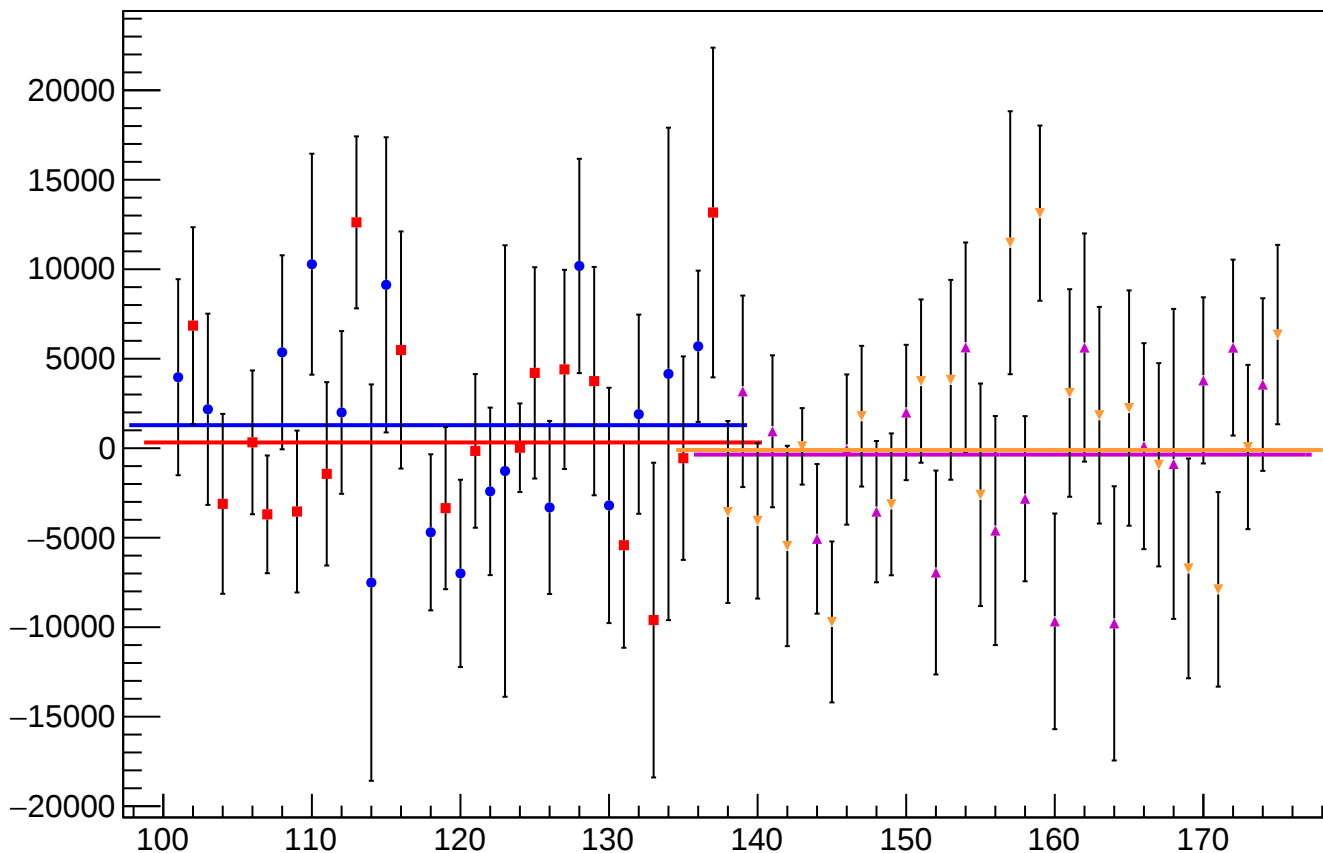
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1332.201 $\pm$ 0.208 χ^2 /NDF: 546931.4/34

Out: 1351.499 $\pm$ 0.205 χ^2 /NDF: 567940.9/37

All: 1341.982 $\pm$ 0.146 χ^2 /NDF: 1119226.9/72

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: -101.738+/-1028.494 χ^2/NDF : 24.2/19

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

Left In: -356.583+/-1183.964 χ^2/NDF : 13.7/17

Left: -211.341+/-776.445 χ^2/NDF : 37.9/37

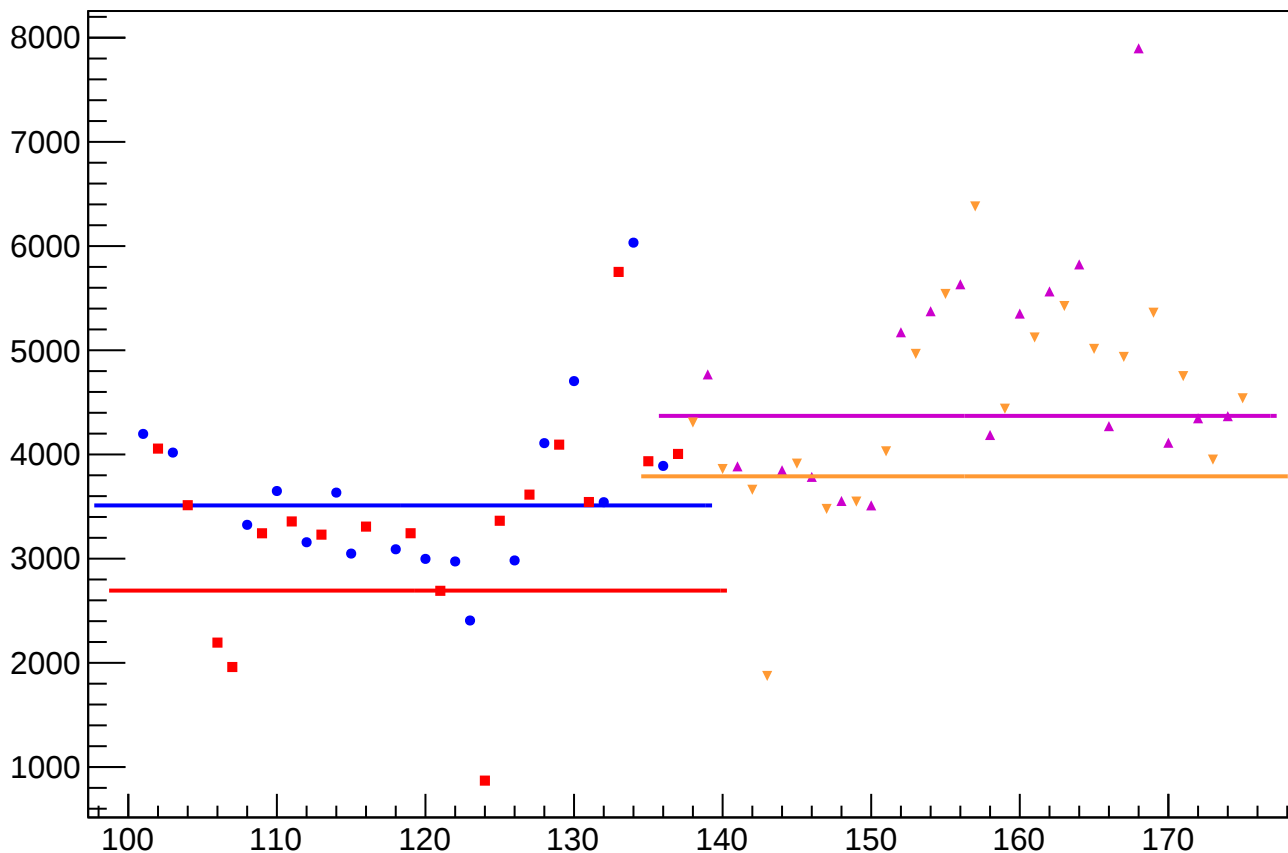
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 342.901+/-897.428 χ^2/NDF : 28.8/34

Out: 94.617+/-753.033 χ^2/NDF : 41.8/37

All: 197.202+/-576.857 χ^2/NDF : 70.7/72

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3790.145+/-0.727 χ^2/NDF : 2829333.5/19

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

Left In: 4370.319+/-0.837 χ^2/NDF : 1009521.9/17

Left: 4039.663+/-0.549 χ^2/NDF : 4112564.1/37

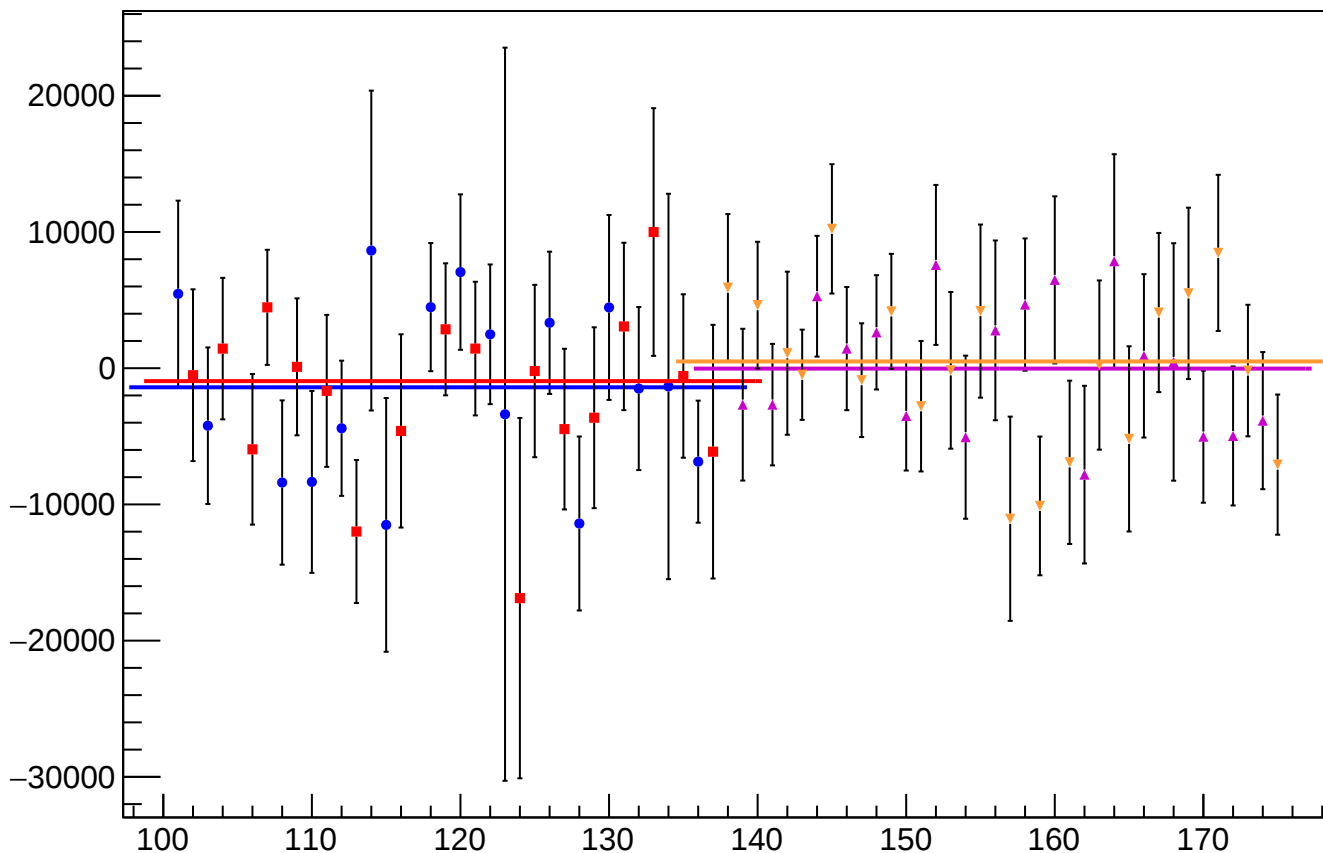
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 4004.630+/-0.635 χ^2/NDF : 1802033.8/34

Out: 3281.384+/-0.532 χ^2/NDF : 6010059.3/37

All: 3580.213+/-0.408 χ^2/NDF : 8574364.2/72

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: 496.515+/-1152.082 χ^2/NDF : 21.8/19

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

Left In: -30.333+/-1238.960 χ^2/NDF : 12.9/17

Left: 252.209+/-843.688 χ^2/NDF : 34.9/37

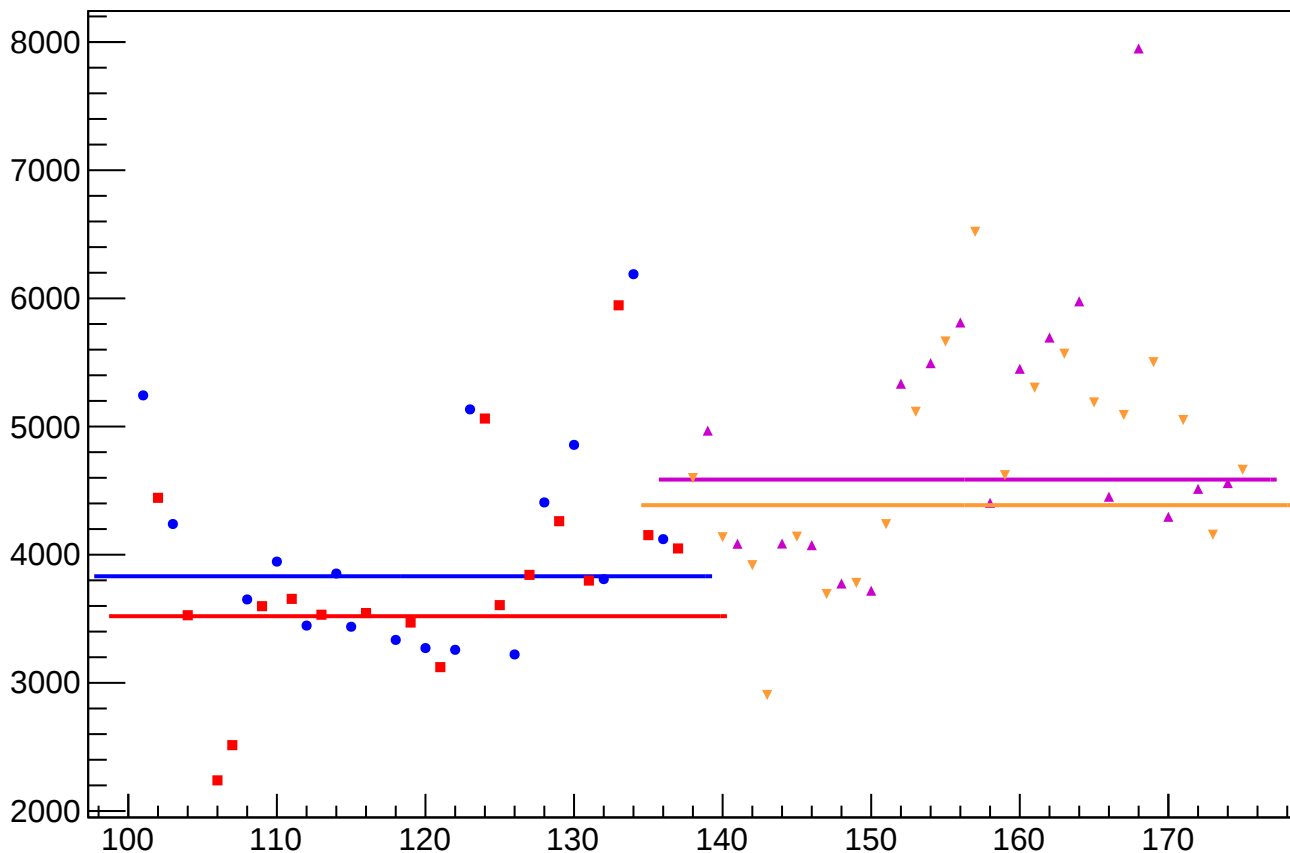
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -584.563+/-956.313 χ^2/NDF : 29.2/34

Out: -95.376+/-885.109 χ^2/NDF : 35.0/37

All: -321.082+/-649.582 χ^2/NDF : 64.3/72

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4386.563+/-0.815 χ^2/NDF : 1080069.2/19

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

Left In: 4586.138+/-0.876 χ^2/NDF : 870984.9/17

Left: 4479.109+/-0.597 χ^2/NDF : 1978884.8/37

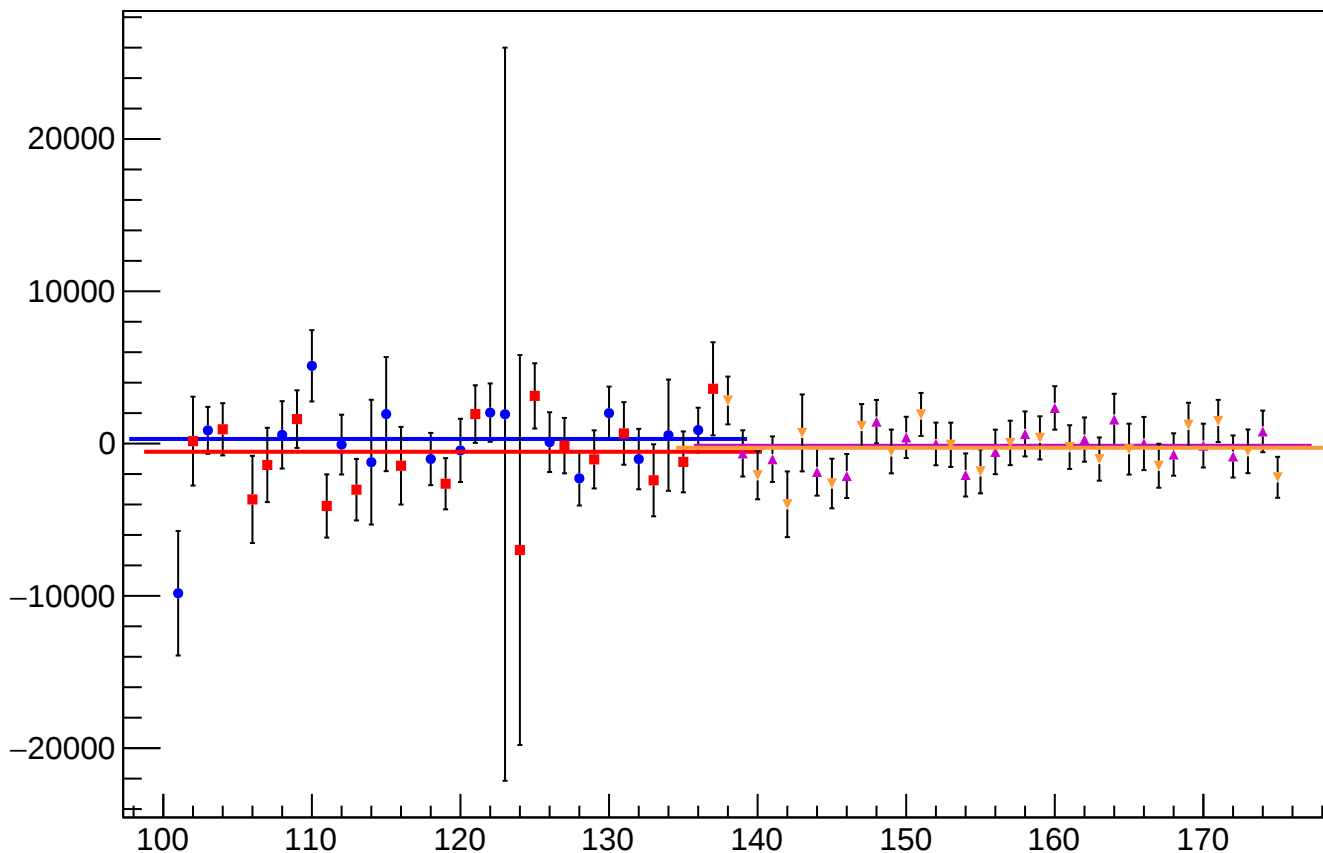
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4281.217+/-0.676 χ^2/NDF : 1508372.2/34

Out: 4027.702+/-0.624 χ^2/NDF : 2092698.3/37

All: 4144.196+/-0.458 χ^2/NDF : 3677038.5/72

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 χ^2/NDF : 16.1/16

Left Out: -274.785 ± 337.117 χ^2/NDF : 21.0/19

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -144.899 ± 344.077 χ^2/NDF : 12.2/17

Left: -211.169 ± 240.801 χ^2/NDF : 33.3/37

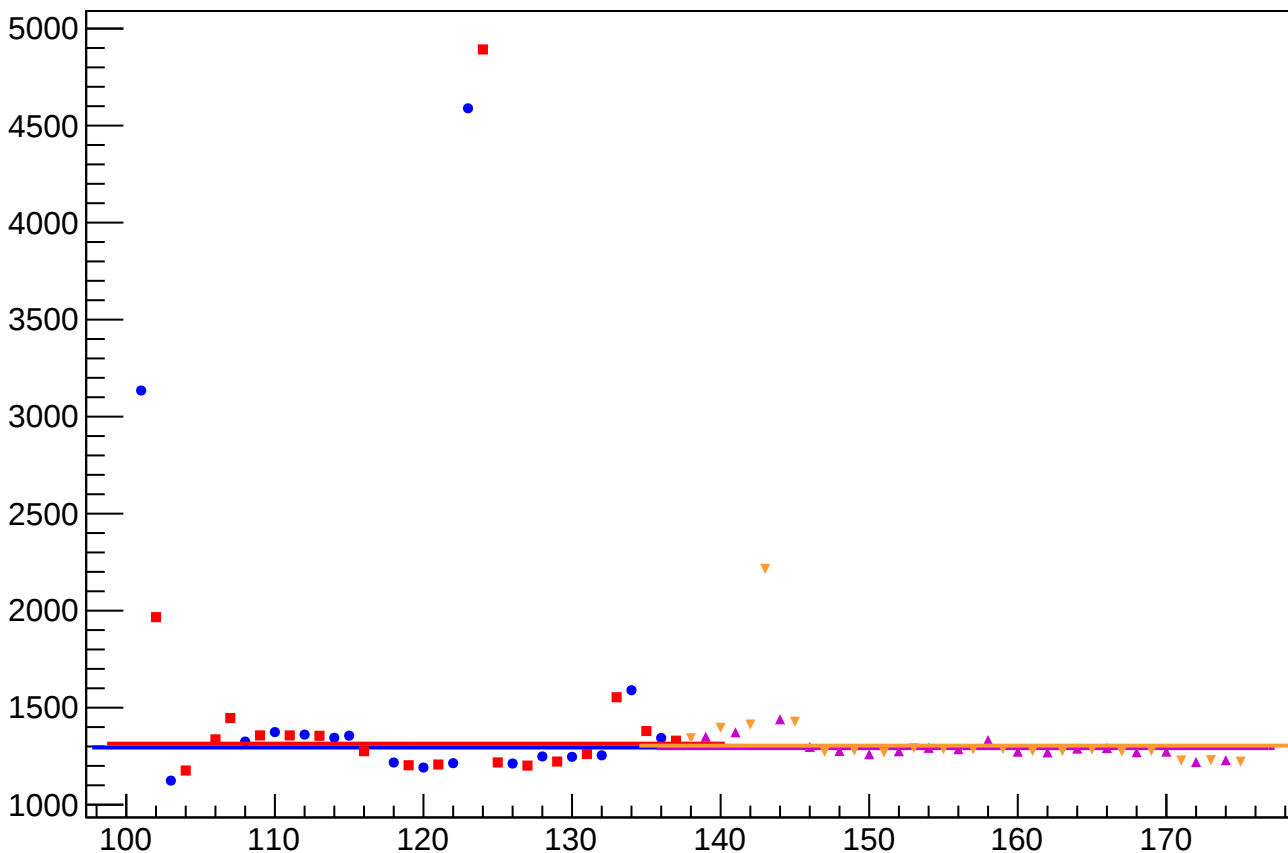
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: -6.184 ± 285.725 χ^2/NDF : 28.8/34

Out: -355.027 ± 281.009 χ^2/NDF : 38.7/37

All: -183.509 ± 200.350 χ^2/NDF : 68.2/72

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1304.491 $\pm$ 0.238 χ^2 /NDF: 311355.3/19

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

Left In: 1291.695 $\pm$ 0.243 χ^2 /NDF: 41393.8/17

Left: 1298.223 $\pm$ 0.170 χ^2 /NDF: 354160.3/37

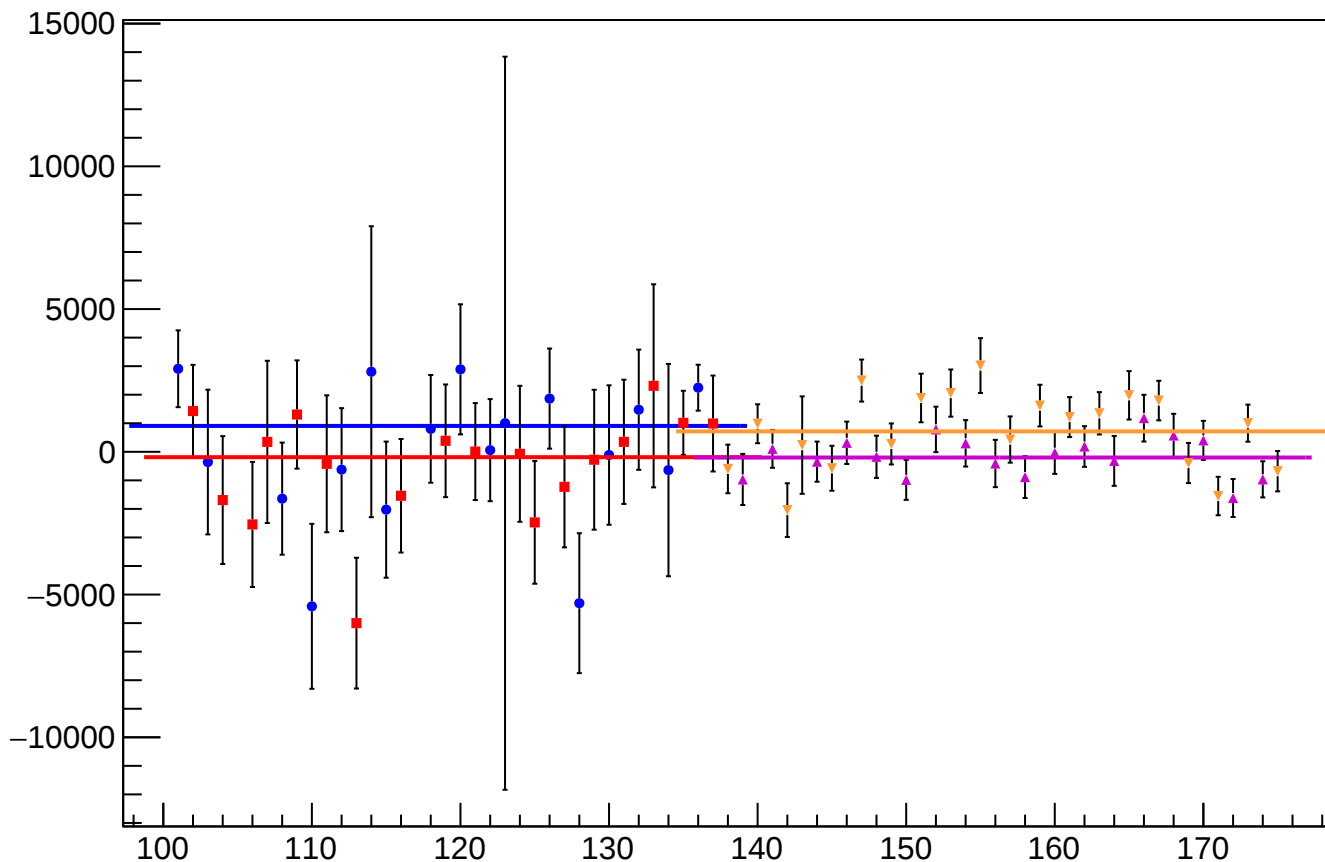
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1292.637 $\pm$ 0.202 χ^2 /NDF: 549246.0/34

Out: 1307.572 $\pm$ 0.199 χ^2 /NDF: 645741.6/37

All: 1300.229 $\pm$ 0.142 χ^2 /NDF: 1197765.4/72

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: 715.398 $\pm$ 172.366 χ^2 /NDF:55.8/19

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -199.704 $\pm$ 174.402 χ^2 /NDF:16.6/17

Left: 263.220 $\pm$ 122.595 χ^2 /NDF: 86.3/37

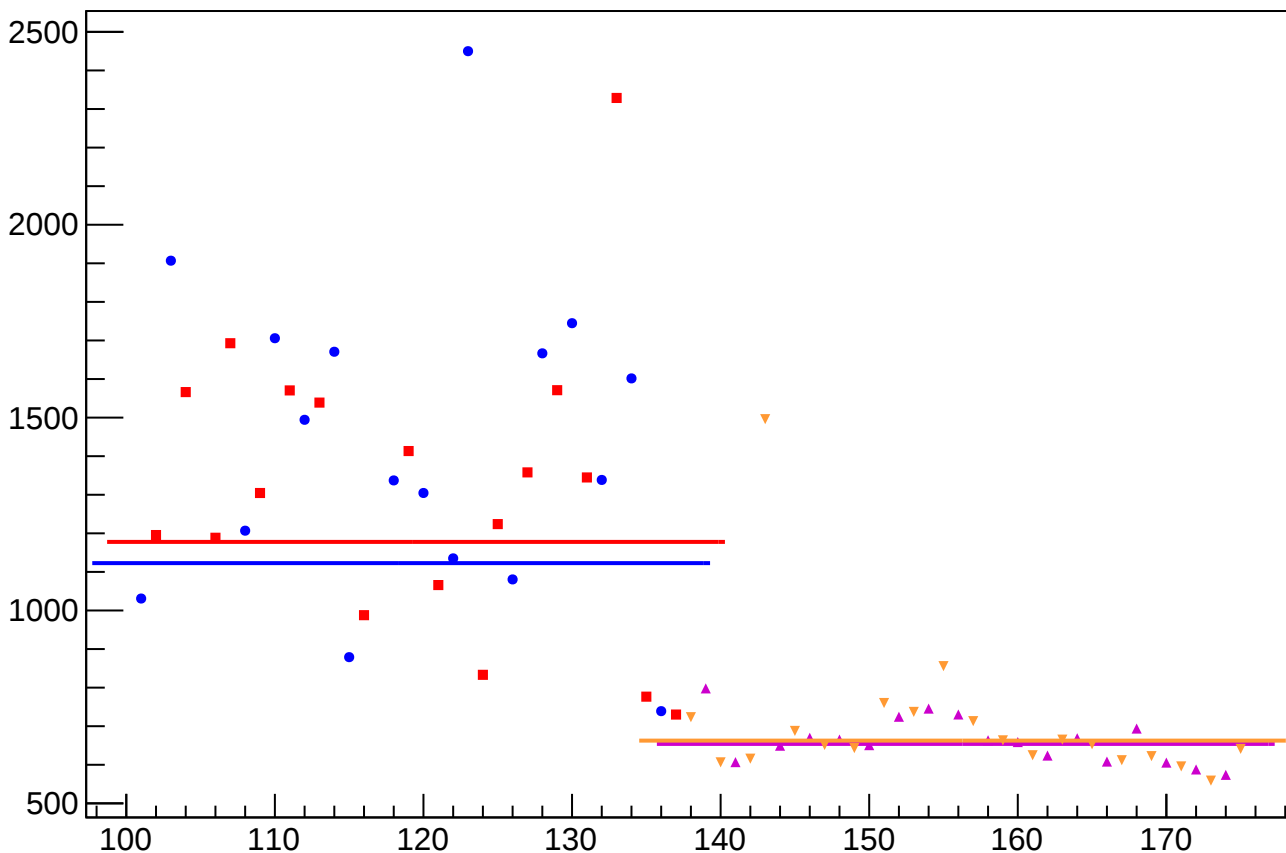
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -58.430 $\pm$ 162.888 χ^2 /NDF:43.7/34

Out: 606.051 $\pm$ 161.601 χ^2 /NDF:73.0/37

All: 276.446 $\pm$ 114.721 χ^2 /NDF: 125.1/72

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: 662.636 $\pm$ 0.122 χ^2/NDF : 736429.9/19

Right Out: 1177.797 $\pm$ 0.328 χ^2/NDF : 1021710.1/17

Left In: 654.092 $\pm$ 0.123 χ^2/NDF : 199583.2/17

Left: 658.414 $\pm$ 0.087 χ^2/NDF : 938441.3/37

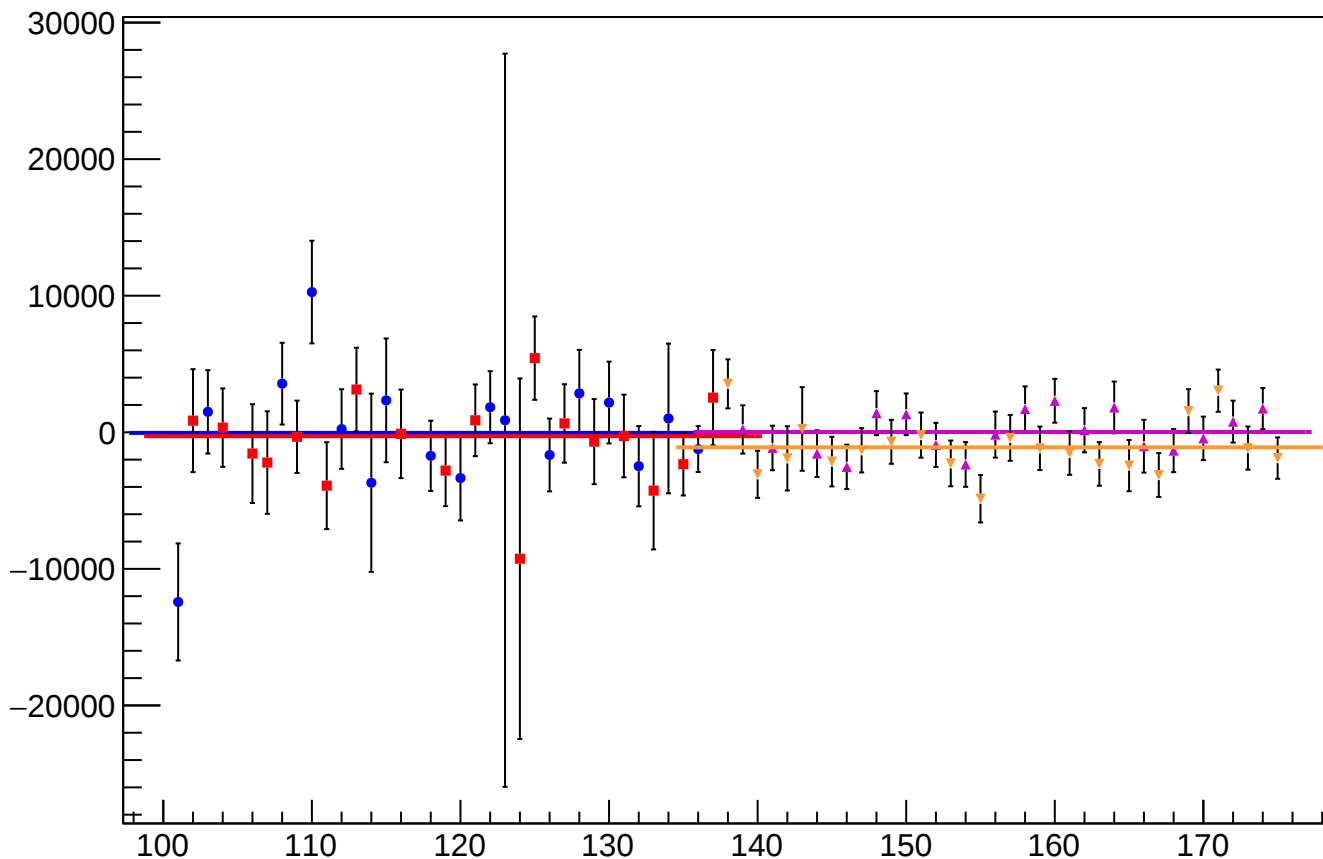
Right: 1149.765 $\pm$ 0.230 χ^2/NDF : 2224002.1/34

In: 713.937 $\pm$ 0.115 χ^2/NDF : 3231881.6/34

Out: 724.979 $\pm$ 0.114 χ^2/NDF : 3920145.2/37

All: 719.502 $\pm$ 0.081 χ^2/NDF : 7156658.8/72

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -1102.306 ± 380.482 χ^2/NDF : 27.3/19

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: 22.727 ± 386.869 χ^2/NDF : 14.4/17

Left: -549.153 ± 271.271 χ^2/NDF : 46.1/37

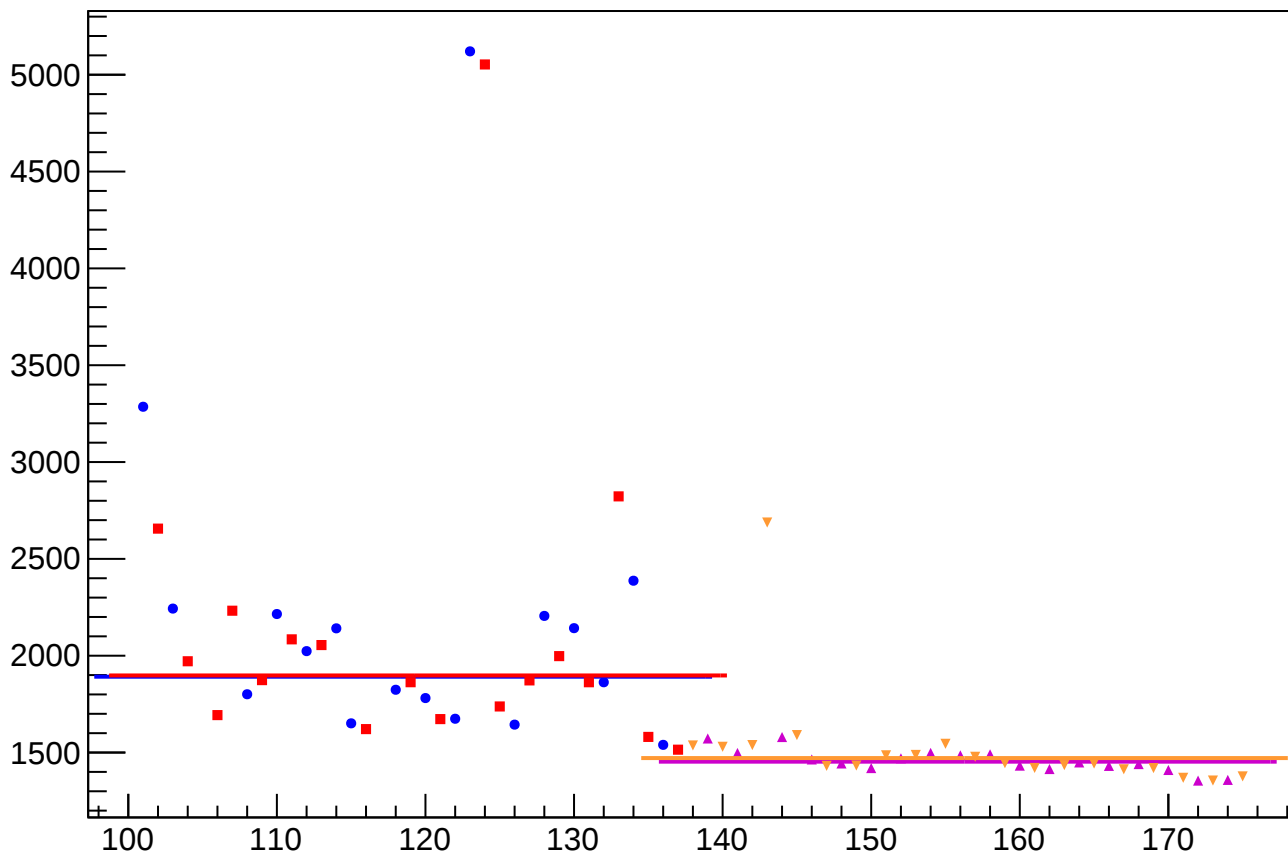
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: 8.555 ± 343.589 χ^2/NDF : 37.6/34

Out: -929.799 ± 337.931 χ^2/NDF : 38.9/37

All: -468.413 ± 240.929 χ^2/NDF : 80.3/72

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1471.408+/-0.269 χ^2/NDF : 372988.7/19

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1452.902+/-0.274 χ^2/NDF : 45622.9/17

Left: 1462.309+/-0.192 χ^2/NDF : 420937.8/37

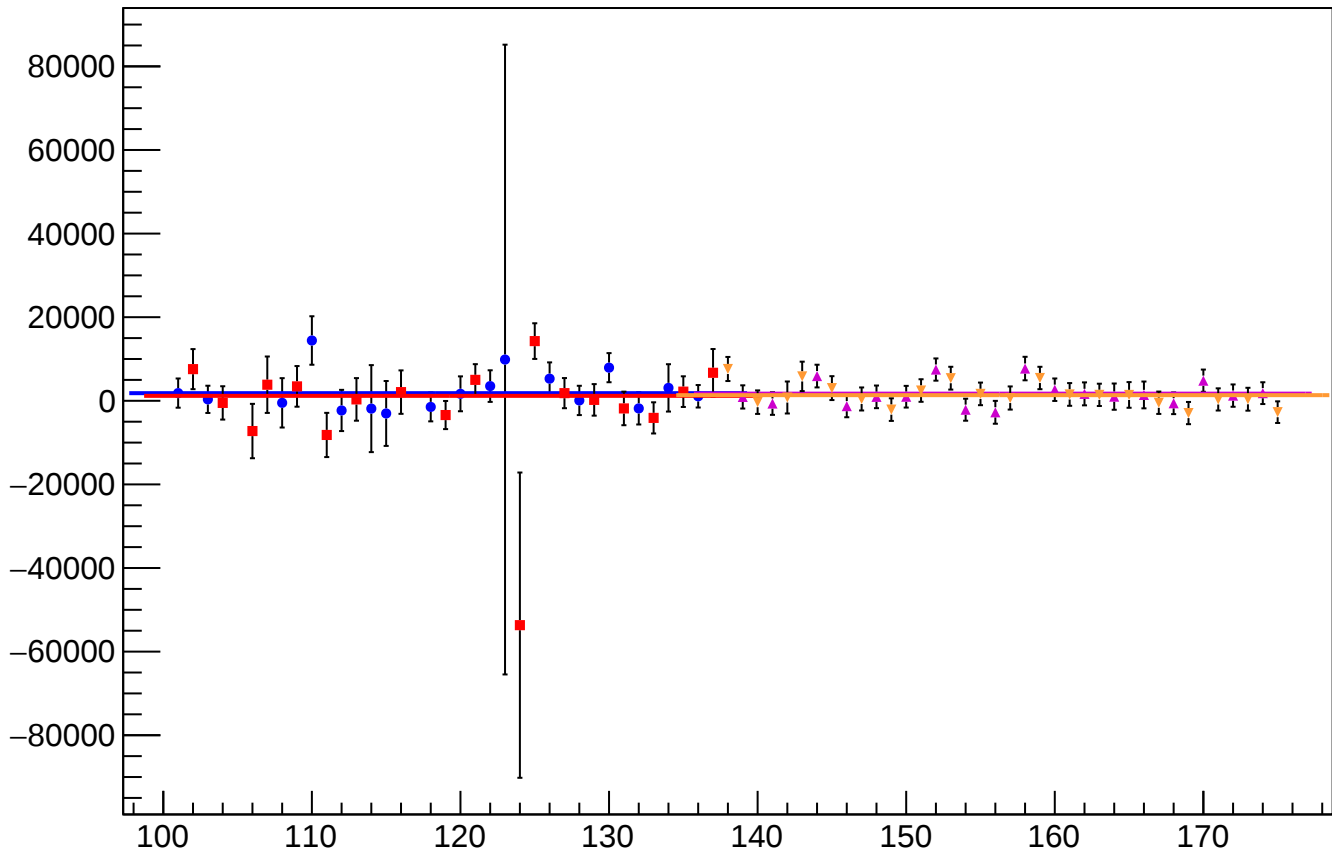
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1545.583+/-0.243 χ^2/NDF : 1058118.8/34

Out: 1561.493+/-0.239 χ^2/NDF : 1327612.9/37

All: 1553.670+/-0.170 χ^2/NDF : 2387911.3/72

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1349.504 $\pm$ 625.782 χ^2 /NDF:19.4/19

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 1712.981 $\pm$ 642.658 χ^2 /NDF:21.1/17

Left: 1526.407 $\pm$ 448.342 χ^2 /NDF: 40.7/37

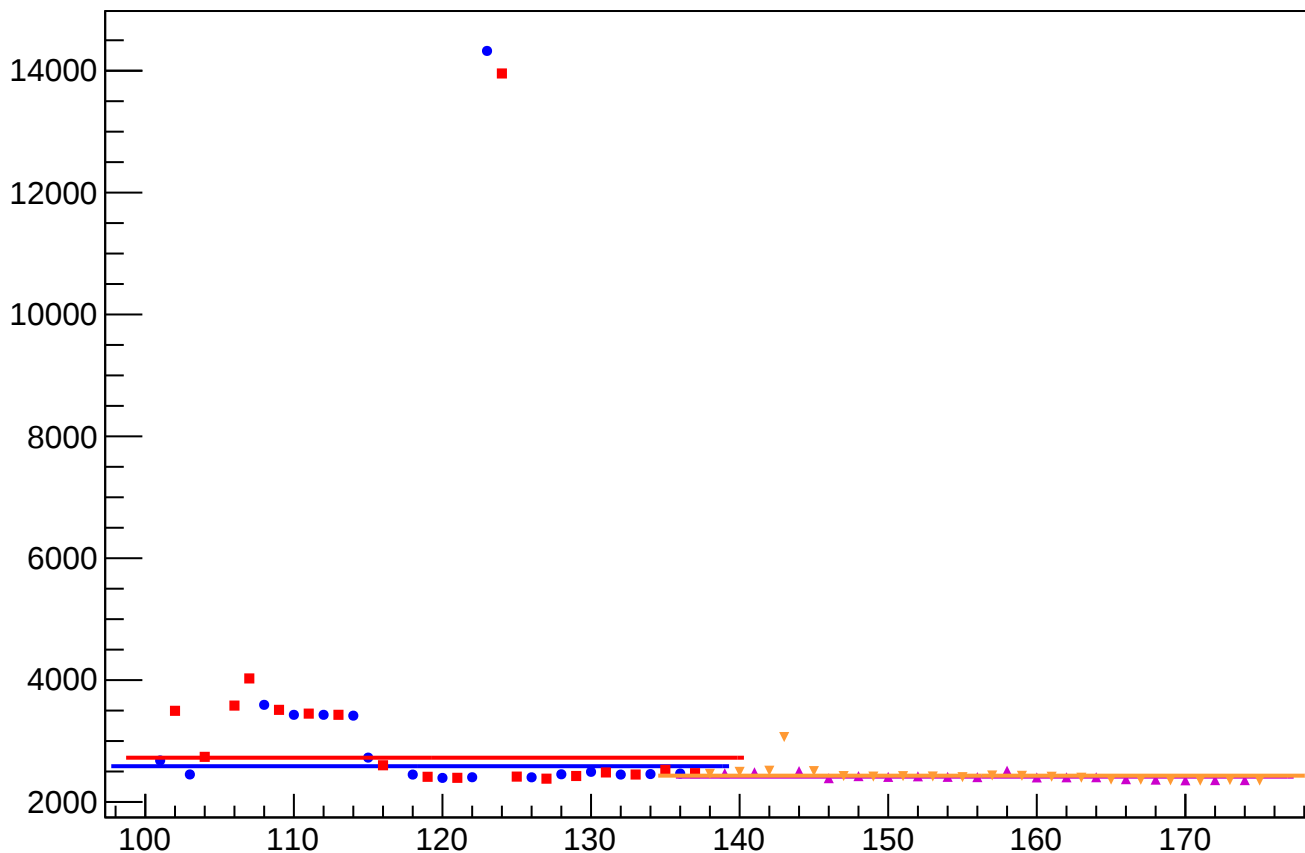
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1745.268 $\pm$ 542.228 χ^2 /NDF:33.7/34

Out: 1305.807 $\pm$ 537.544 χ^2 /NDF:44.9/37

All: 1523.631 $\pm$ 381.746 χ^2 /NDF: 78.9/72

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2431.770+/-0.442 χ^2/NDF : 78090.7/19

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2414.877+/-0.454 χ^2/NDF : 11147.4/17

Left: 2423.548+/-0.317 χ^2/NDF : 89947.4/37

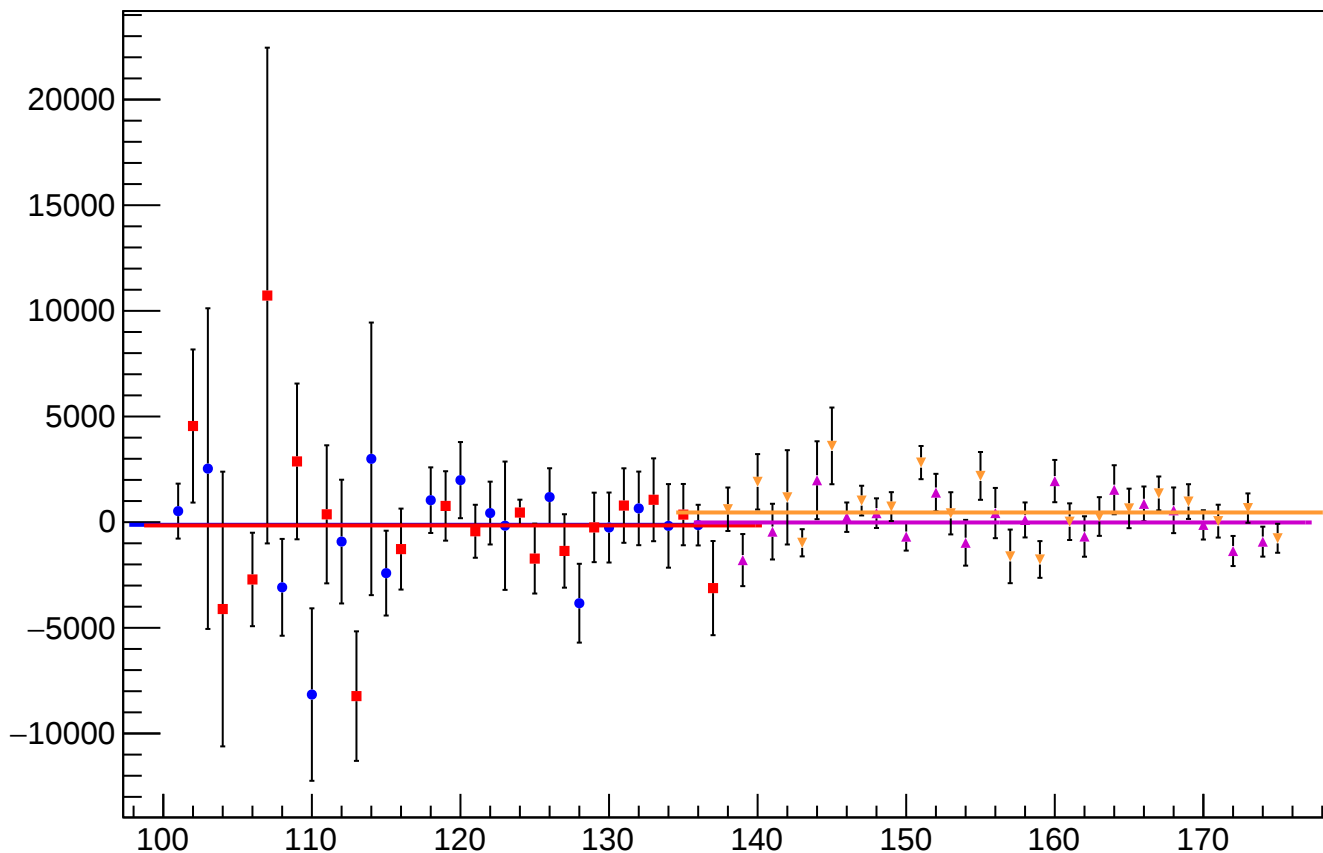
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2464.464+/-0.383 χ^2/NDF : 306585.2/34

Out: 2509.015+/-0.380 χ^2/NDF : 775197.4/37

All: 2486.933+/-0.270 χ^2/NDF : 1088592.1/72

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 459.006+/-194.176 χ^2/NDF : 36.3/19

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: -14.153+/-206.661 χ^2/NDF : 21.2/17

Left: 237.150+/-141.511 χ^2/NDF : 60.3/37

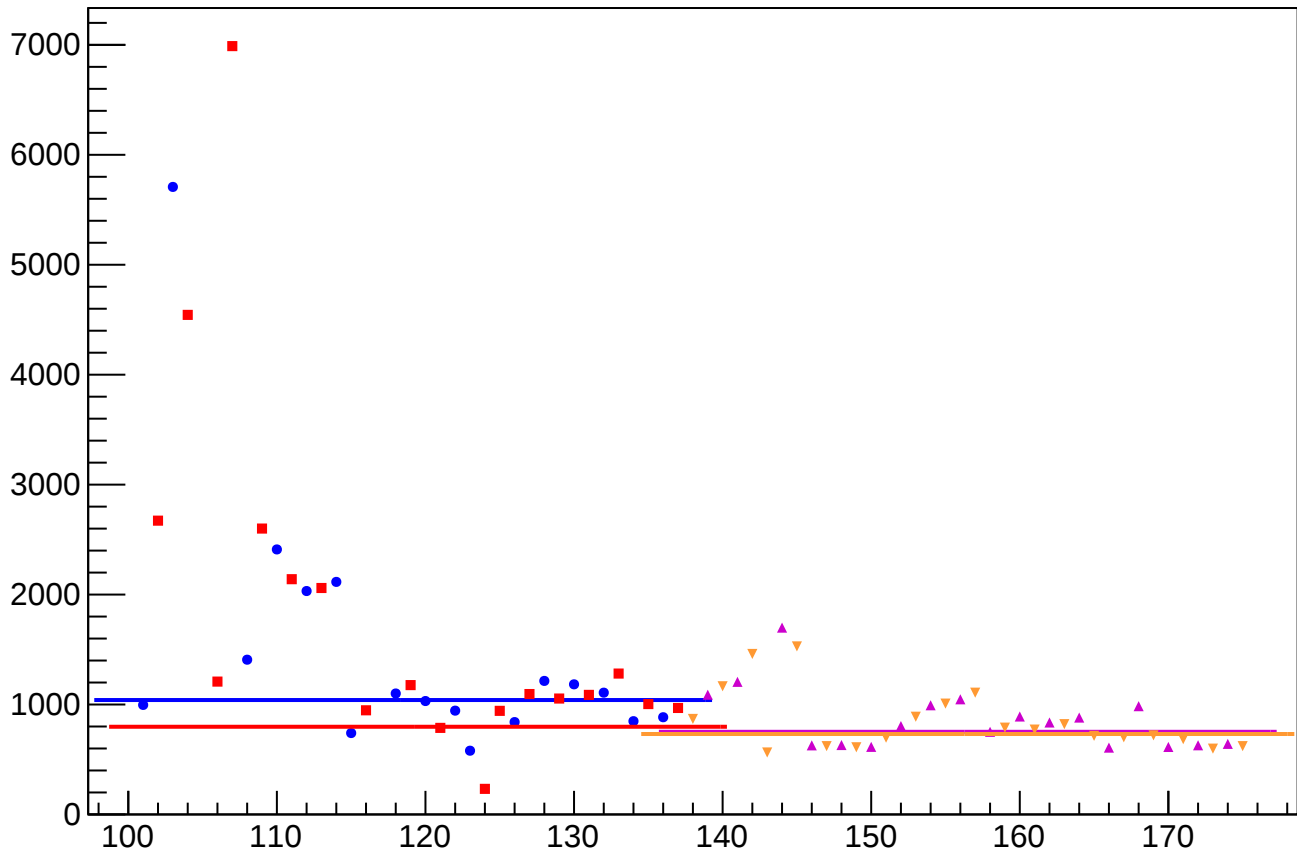
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -34.794+/-186.327 χ^2/NDF : 36.0/34

Out: 332.452+/-172.996 χ^2/NDF : 55.9/37

All: 162.435+/-126.778 χ^2/NDF : 93.9/72

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 731.754+/-0.137 χ^2/NDF : 1618034.7/19

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

Left In: 751.771+/-0.146 χ^2/NDF : 1772806.6/17

Left: 741.139+/-0.100 χ^2/NDF : 3400806.7/37

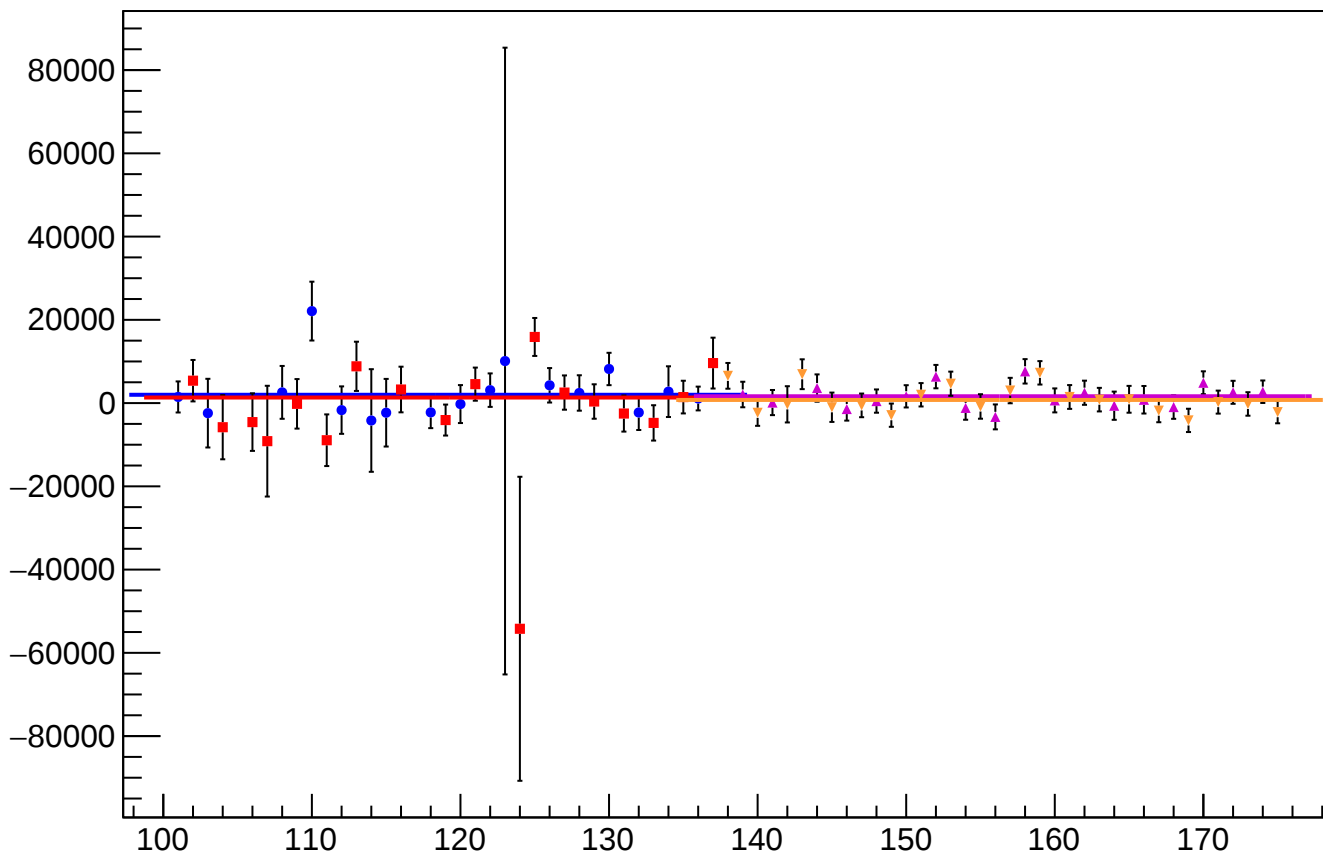
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 805.841+/-0.132 χ^2/NDF : 4077583.8/34

Out: 745.362+/-0.122 χ^2/NDF : 6839991.9/37

All: 773.361+/-0.090 χ^2/NDF : 11030739.7/72

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 754.992+/-665.175 χ^2/NDF : 23.2/19

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1639.892+/-685.555 χ^2/NDF : 16.0/17

Left: 1184.094+/-477.392 χ^2/NDF : 40.0/37

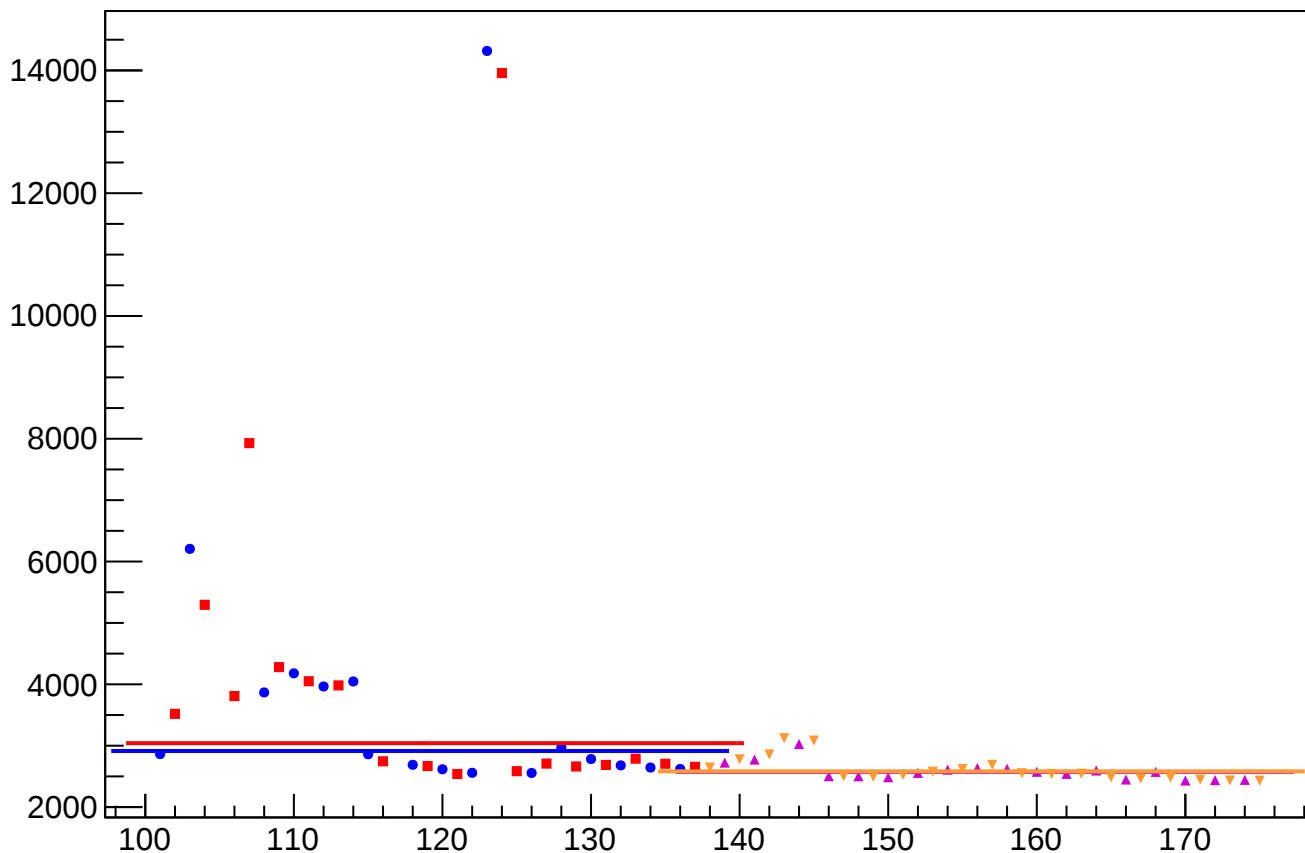
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1732.728+/-589.536 χ^2/NDF : 31.0/34

Out: 892.800+/-581.056 χ^2/NDF : 50.9/37

All: 1306.680+/-413.834 χ^2/NDF : 82.9/72

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2582.027+/-0.470 χ^2/NDF :135758.1/19

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2572.877+/-0.485 χ^2/NDF :76211.1/17

Left: 2577.590+/-0.338 χ^2/NDF : 212152.7/37

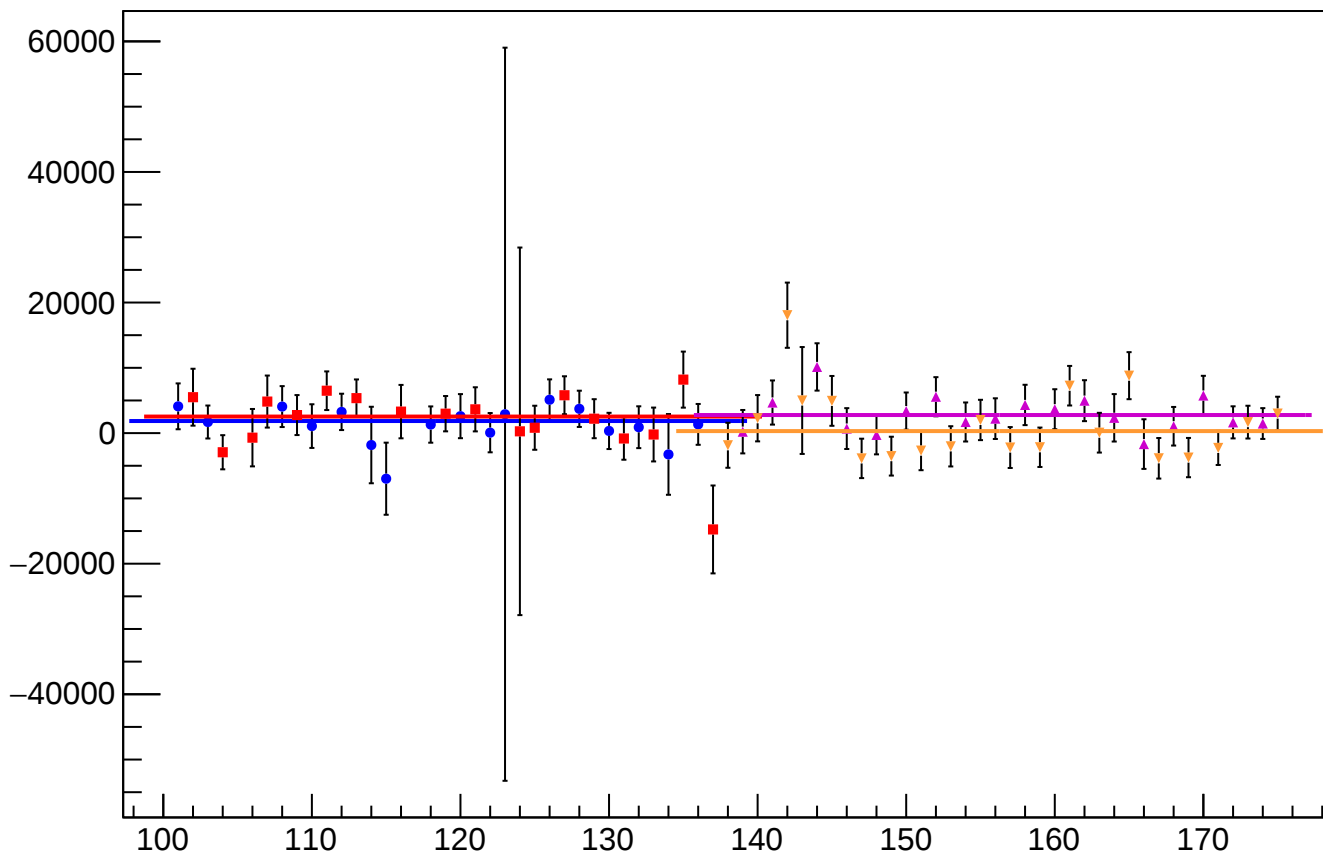
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2661.709+/-0.417 χ^2/NDF :844099.4/34

Out: 2690.826+/-0.411 χ^2/NDF :1365174.1/37

All: 2676.478+/-0.293 χ^2/NDF : 2211748.3/72

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 309.322 ± 705.932 χ^2/NDF : 38.7/19

Right Out: 2535.163 ± 819.322 χ^2/NDF : 20.0/17

Left In: 2770.684 ± 716.897 χ^2/NDF : 11.6/17

Left: 1521.037 ± 503.001 χ^2/NDF : 56.3/37

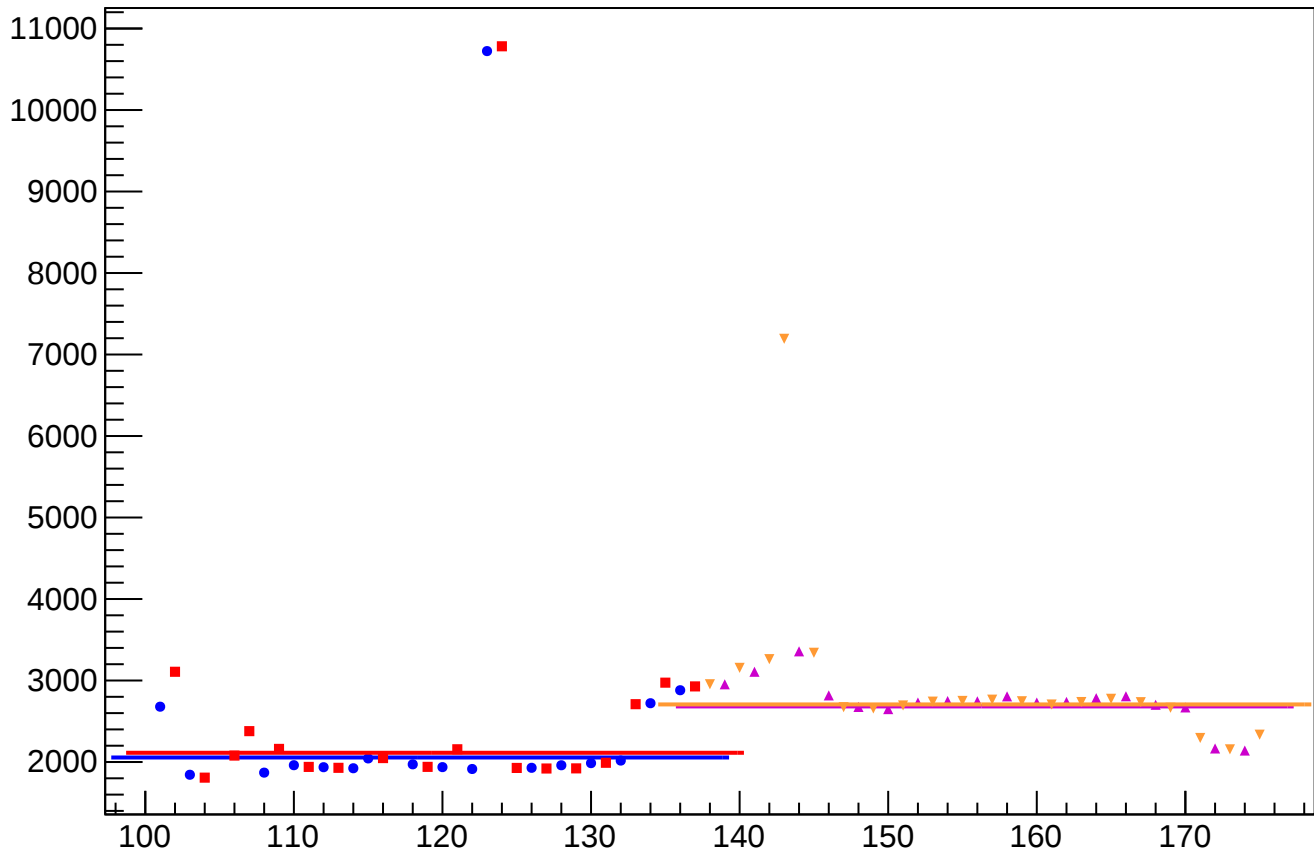
Right: 2187.336 ± 574.855 χ^2/NDF : 27.6/34

In: 2364.495 ± 535.889 χ^2/NDF : 19.6/34

Out: 1257.680 ± 534.803 χ^2/NDF : 63.0/37

All: 1809.965 ± 378.546 χ^2/NDF : 84.7/72

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2706.576 ± 0.499 χ^2/NDF : 914227.8/19

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

Left In: 2681.968 ± 0.507 χ^2/NDF : 322577.0/17

Left: 2694.462 ± 0.356 χ^2/NDF : 1238001.2/37

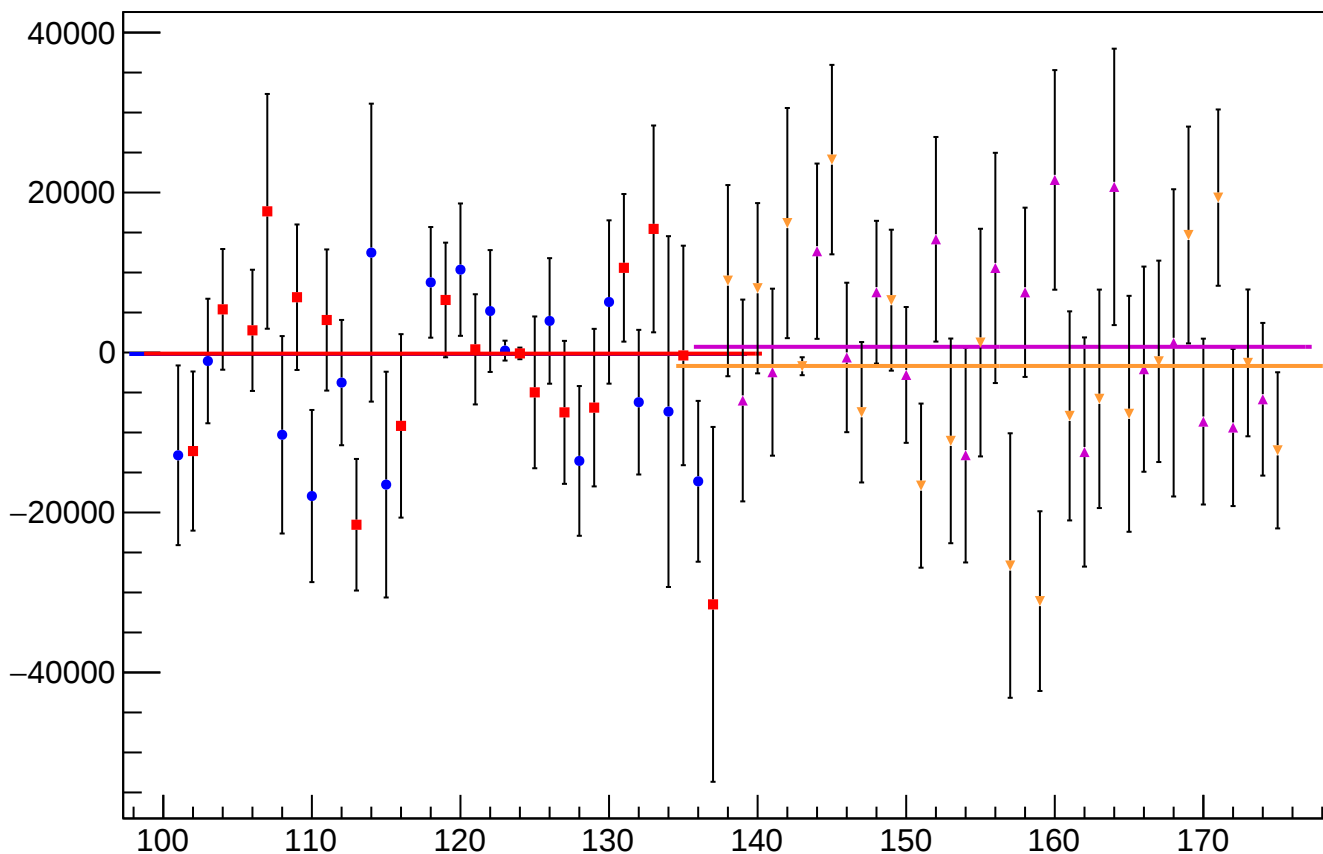
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

In: 2405.531 ± 0.379 χ^2/NDF : 1312945.3/34

Out: 2453.366 ± 0.378 χ^2/NDF : 2049124.3/37

All: 2429.512 ± 0.268 χ^2/NDF : 3370059.0/72

asym_atl2_correction_mean vs Slug, Sign Corrected



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

Left Out: -1680.166 $\pm$ 1032.563 χ^2 /NDF: 27.8/19

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

Left In: 712.518 $\pm$ 2671.952 χ^2 /NDF: 12.2/17

Left: -1369.272 $\pm$ 963.146 χ^2 /NDF: 40.7/37

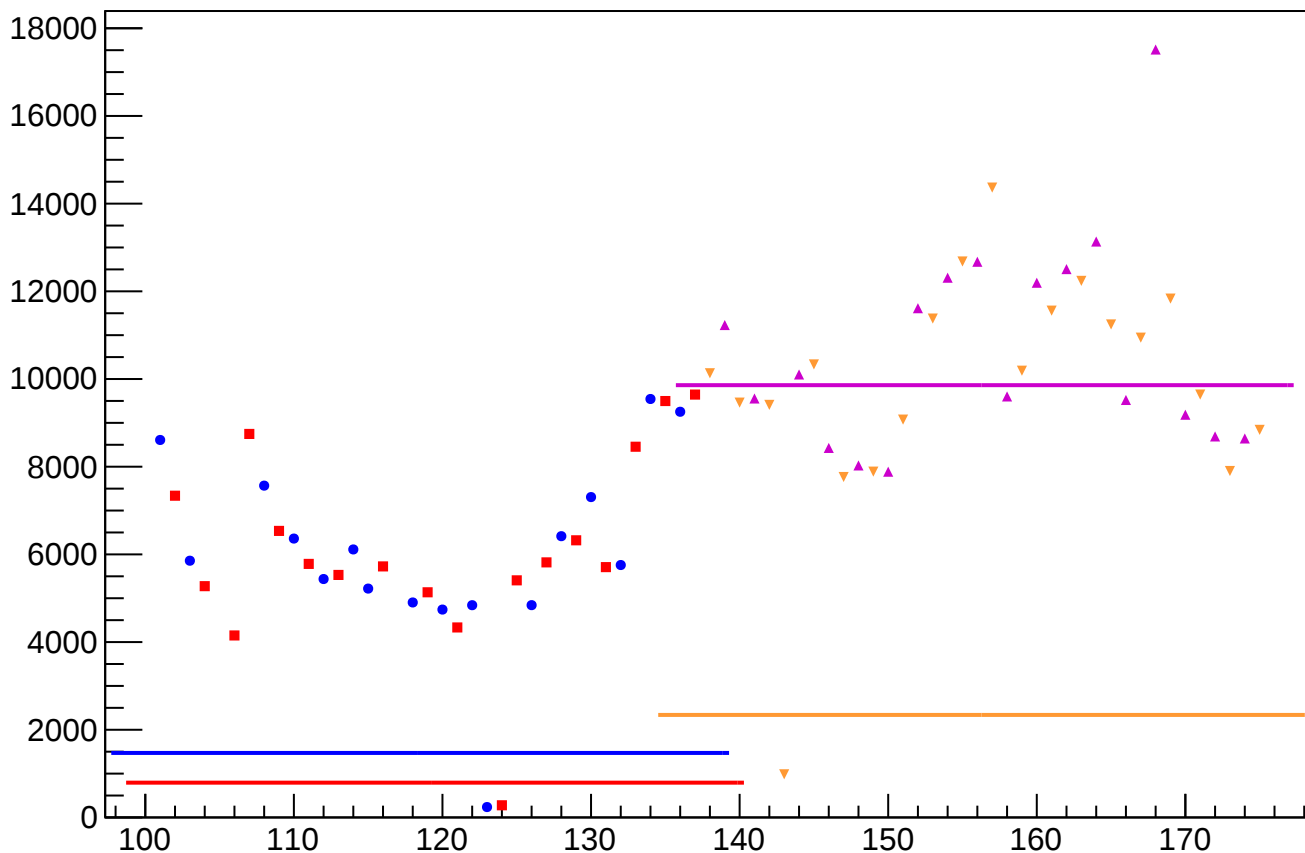
Right: -154.177 $\pm$ 585.233 χ^2 /NDF: 35.3/34

In: -54.982 $\pm$ 1017.791 χ^2 /NDF: 28.7/34

Out: -617.714 $\pm$ 574.260 χ^2 /NDF: 48.3/37

All: -481.829 $\pm$ 500.143 χ^2 /NDF: 77.2/72

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2338.588 $\pm$ 0.730 χ^2 /NDF: 19758674.2/19

Right Out: 793.659 $\pm$ 0.489 χ^2 /NDF: 11422584.5/17

Left In: 9859.536 $\pm$ 1.889 χ^2 /NDF: 1034189.2/17

Left: 3315.825 $\pm$ 0.681 χ^2 /NDF: 34579850.4/37

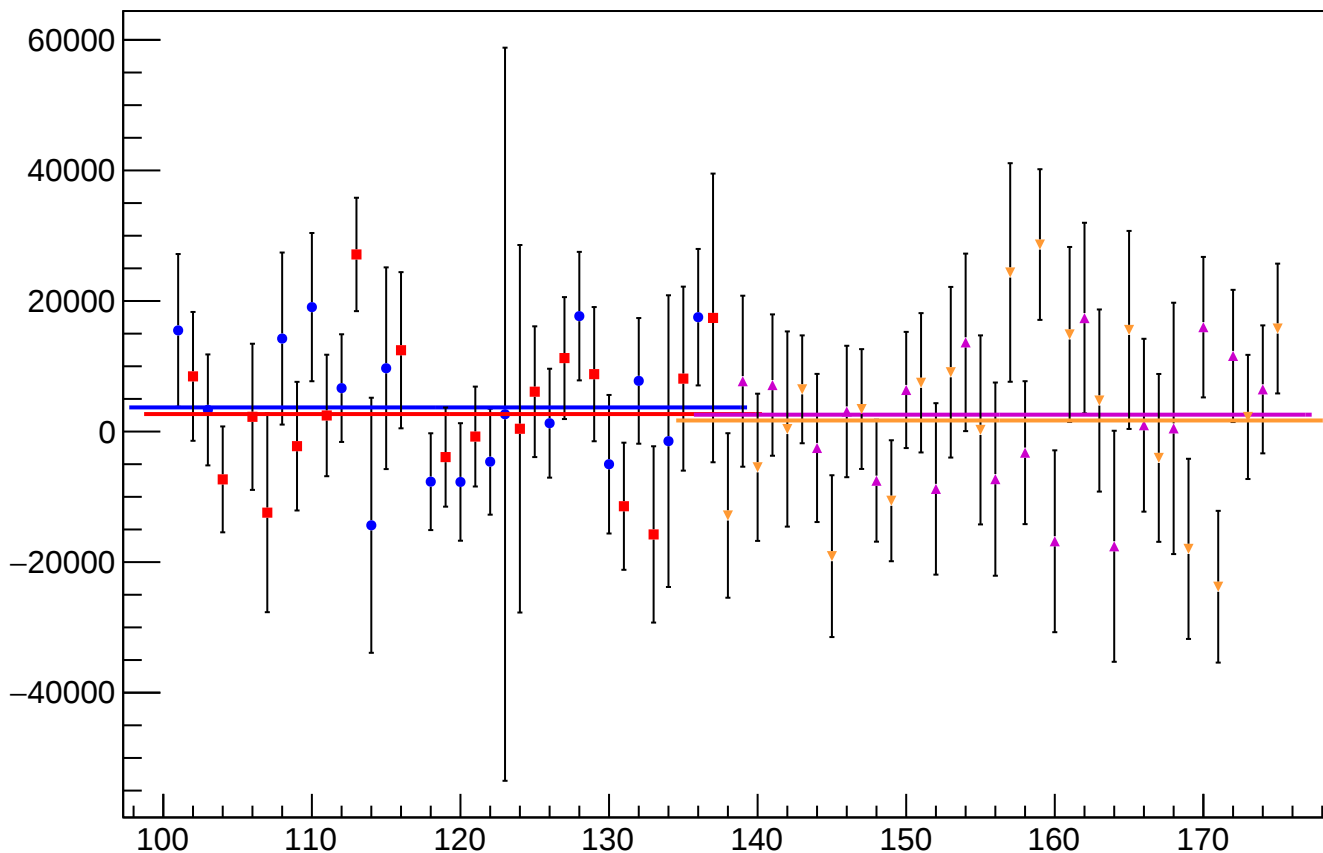
Right: 985.285 $\pm$ 0.414 χ^2 /NDF: 21755031.4/34

In: 2688.676 $\pm$ 0.720 χ^2 /NDF: 27672391.4/34

Out: 1271.511 $\pm$ 0.406 χ^2 /NDF: 34273696.8/37

All: 1613.719 $\pm$ 0.354 χ^2 /NDF: 64887286.1/71

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 1697.560+/-2593.005 χ^2/NDF : 25.5/19

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 2585.681+/-2768.860 χ^2/NDF : 10.8/17

Left: 2112.523+/-1892.649 χ^2/NDF : 36.4/37

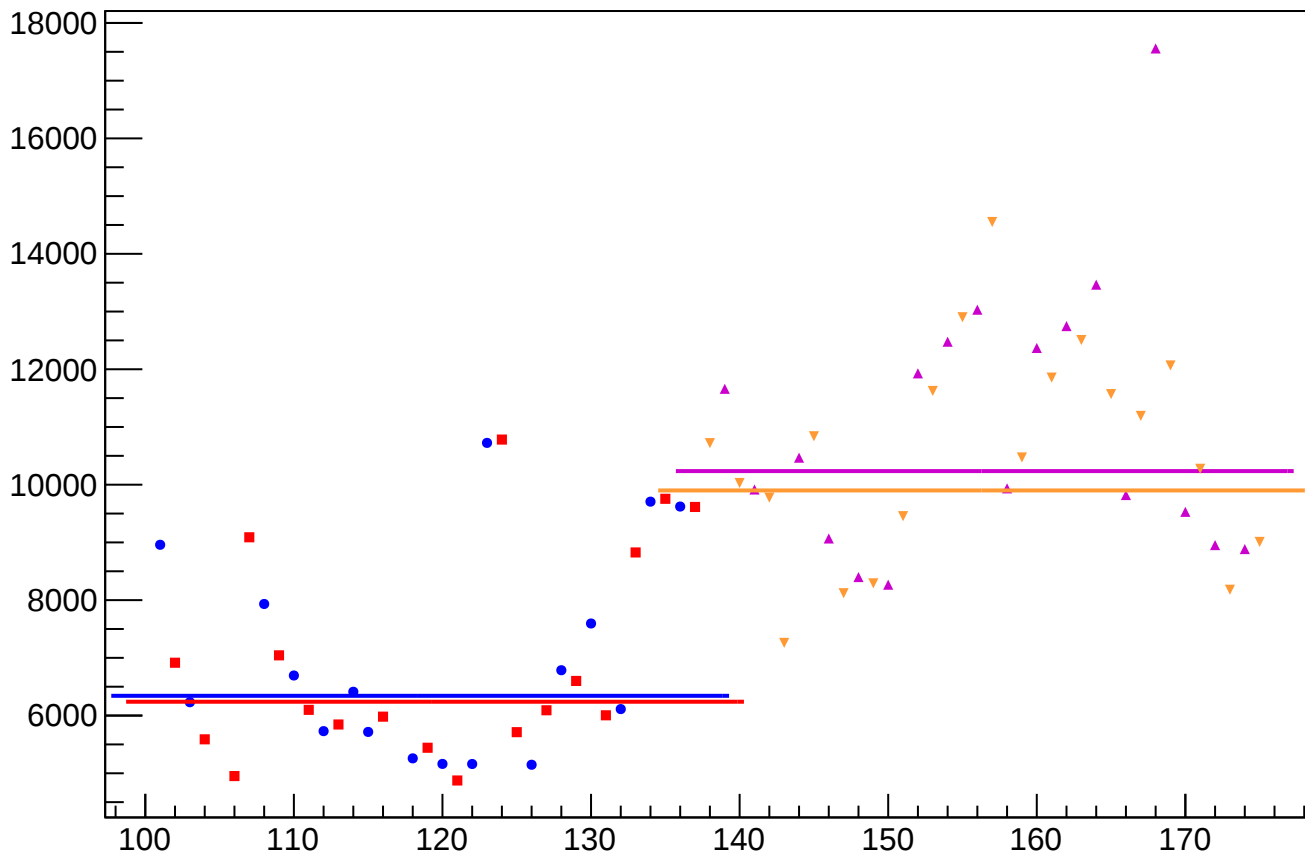
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3194.753+/-1862.862 χ^2/NDF : 25.3/34

Out: 2220.625+/-1772.571 χ^2/NDF : 44.1/37

All: 2683.510+/-1284.131 χ^2/NDF : 69.5/72

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9900.350+/-1.834 χ^2/NDF : 933483.5/19

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10235.774+/-1.958 χ^2/NDF : 931530.5/17

Left: 10057.073+/-1.338 χ^2/NDF : 1880650.8/37

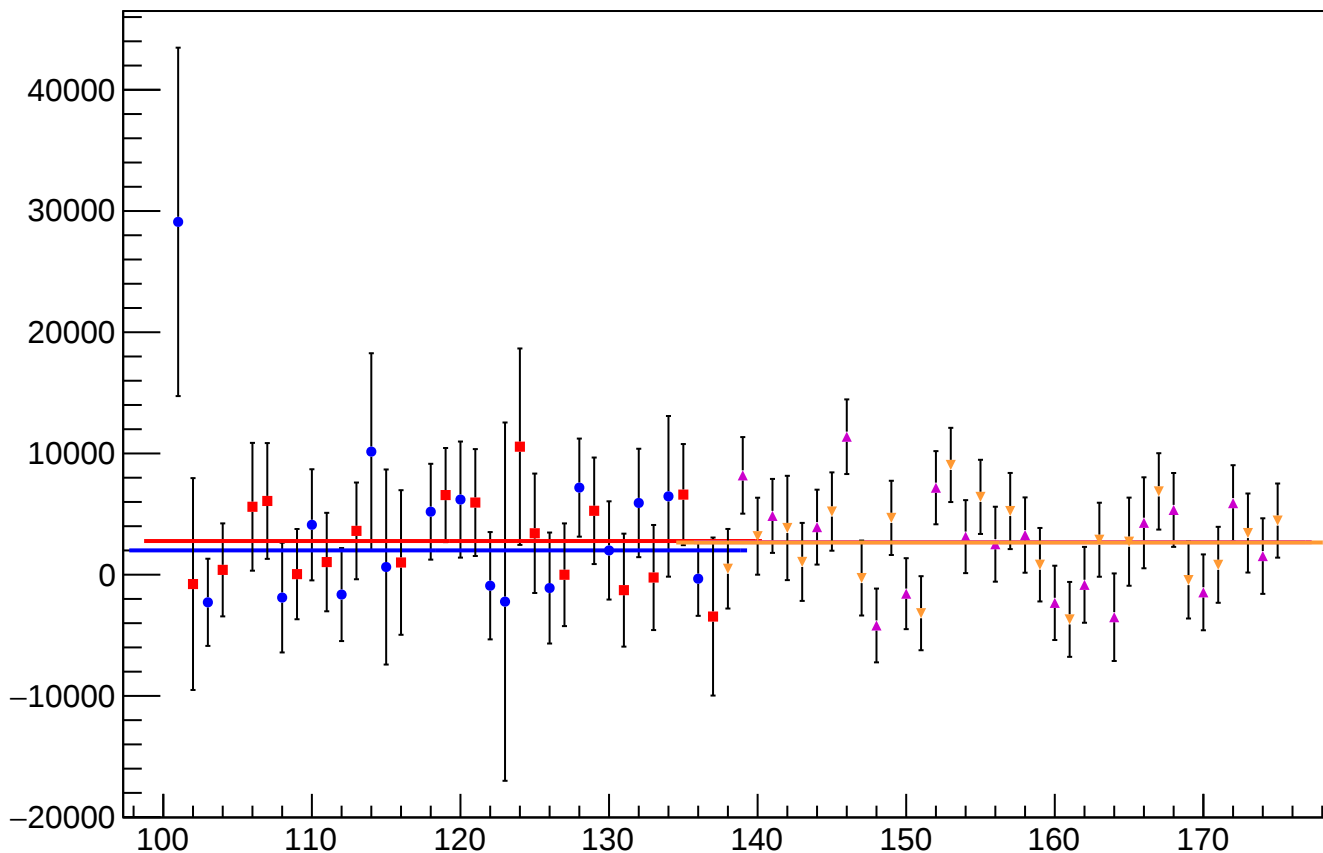
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8104.674+/-1.317 χ^2/NDF : 3689741.3/34

Out: 7950.270+/-1.253 χ^2/NDF : 3586121.8/37

All: 8023.638+/-0.908 χ^2/NDF : 7283074.2/72

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2655.186 $\pm$ 712.205 χ^2 /NDF:21.0/19

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2683.349 $\pm$ 736.820 χ^2 /NDF:31.9/17

Left: 2668.789 $\pm$ 512.086 χ^2 /NDF: 53.0/37

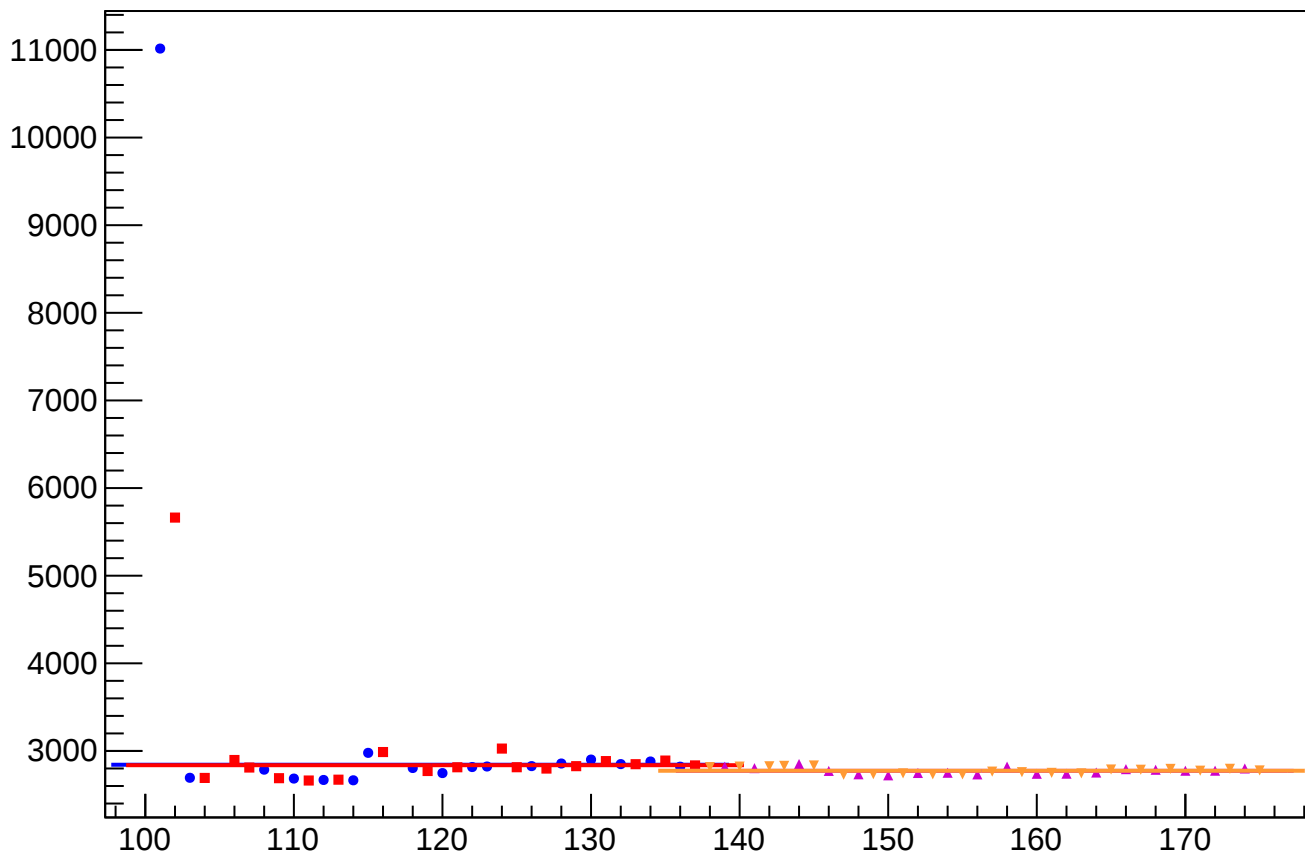
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2479.701 $\pm$ 616.455 χ^2 /NDF:45.9/34

Out: 2691.494 $\pm$ 595.693 χ^2 /NDF:29.4/37

All: 2589.224 $\pm$ 428.370 χ^2 /NDF: 75.3/72

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2774.012+/-0.504 χ^2/NDF : 4667.6/19

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2772.637+/-0.521 χ^2/NDF : 4678.1/17

Left: 2773.348+/-0.362 χ^2/NDF : 9349.3/37

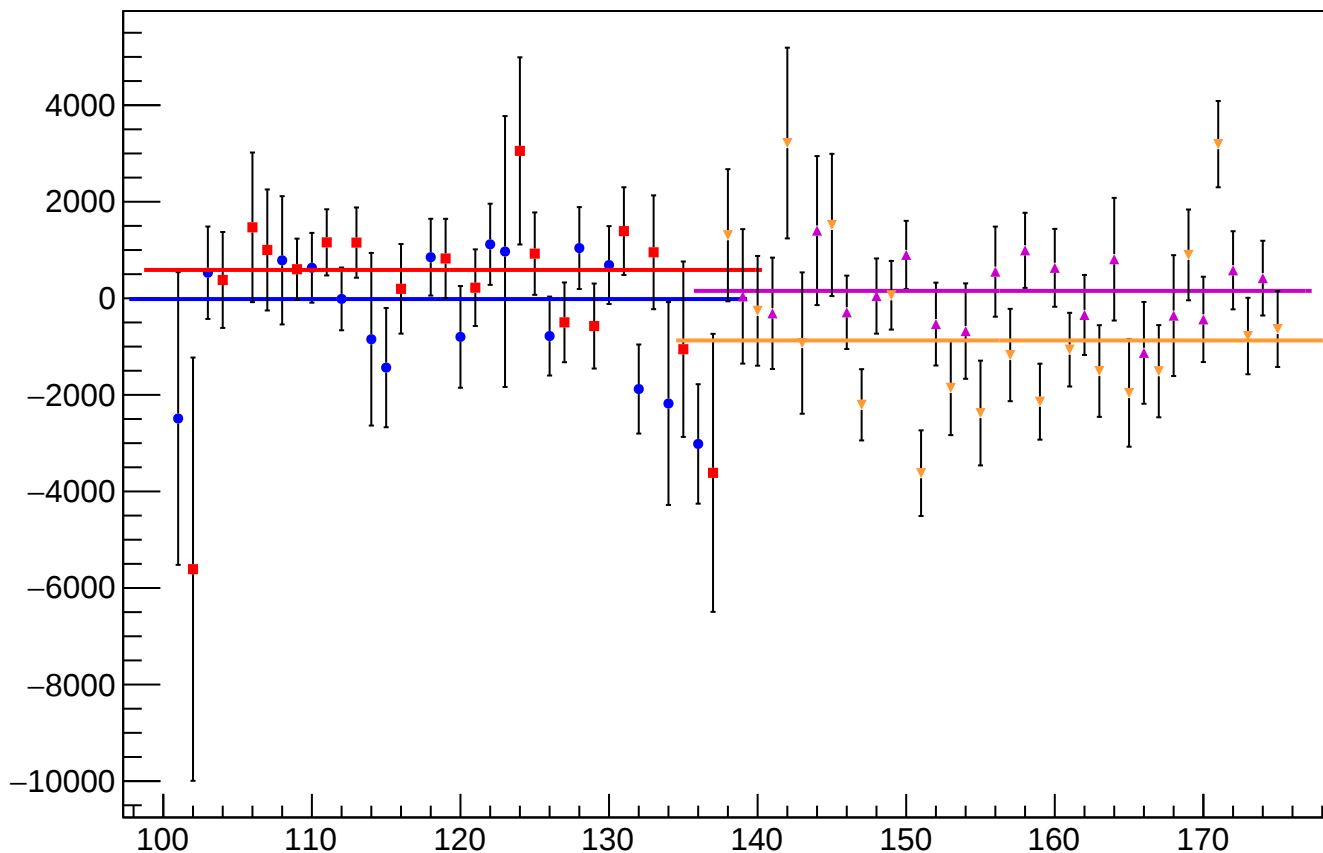
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.637+/-0.436 χ^2/NDF : 670397.6/34

Out: 2793.067+/-0.421 χ^2/NDF : 235854.9/37

All: 2793.342+/-0.303 χ^2/NDF : 906253.5/72

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -872.892 $\pm$ 210.772 χ^2/NDF : 56.2/19

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 153.748 $\pm$ 213.742 χ^2/NDF : 8.5/17

Left: -366.756 $\pm$ 150.077 χ^2/NDF : 76.4/37

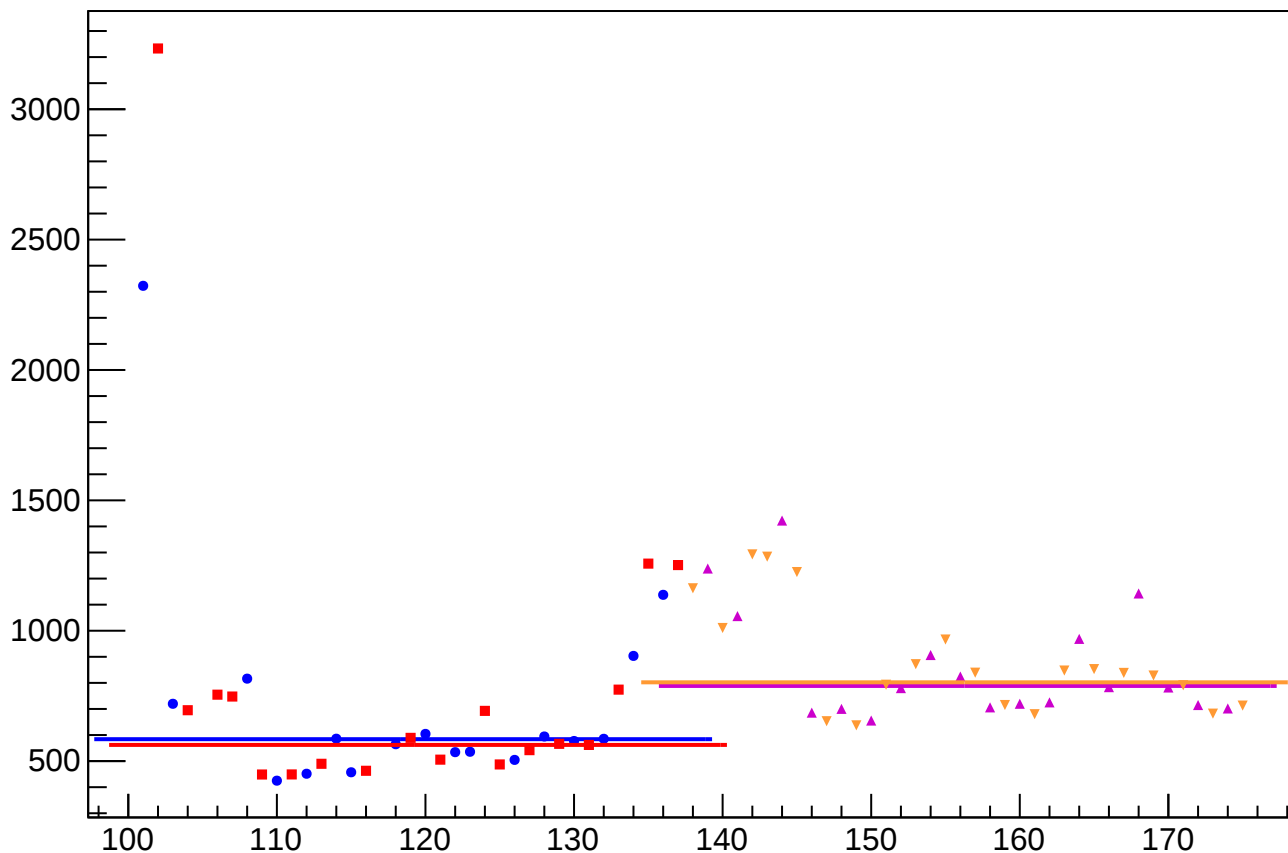
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 78.430 $\pm$ 159.282 χ^2/NDF : 30.3/34

Out: -192.893 $\pm$ 154.081 χ^2/NDF : 91.9/37

All: -61.733 $\pm$ 110.745 χ^2/NDF : 123.8/72

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 802.141+/-0.149 χ^2/NDF : 1120453.5/19

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 788.300+/-0.151 χ^2/NDF : 1109805.5/17

Left: 795.317+/-0.106 χ^2/NDF : 2234511.1/37

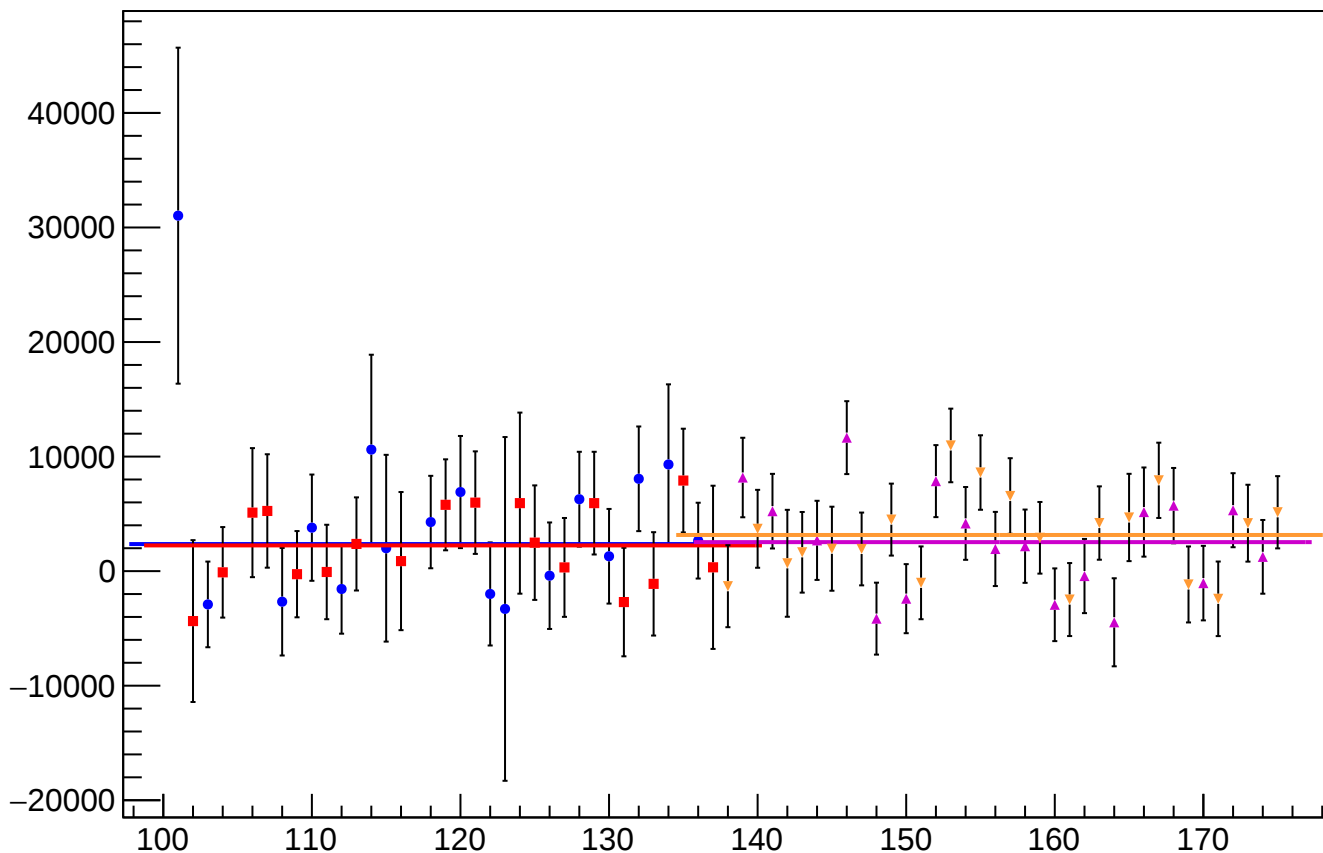
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 697.478+/-0.113 χ^2/NDF : 3358477.1/34

Out: 690.390+/-0.109 χ^2/NDF : 3853294.4/37

All: 693.816+/-0.078 χ^2/NDF : 7213817.8/72

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3156.283+/-748.952 χ^2/NDF : 24.6/19

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2531.936+/-773.333 χ^2/NDF : 32.6/17

Left: 2854.106+/-538.002 χ^2/NDF : 57.5/37

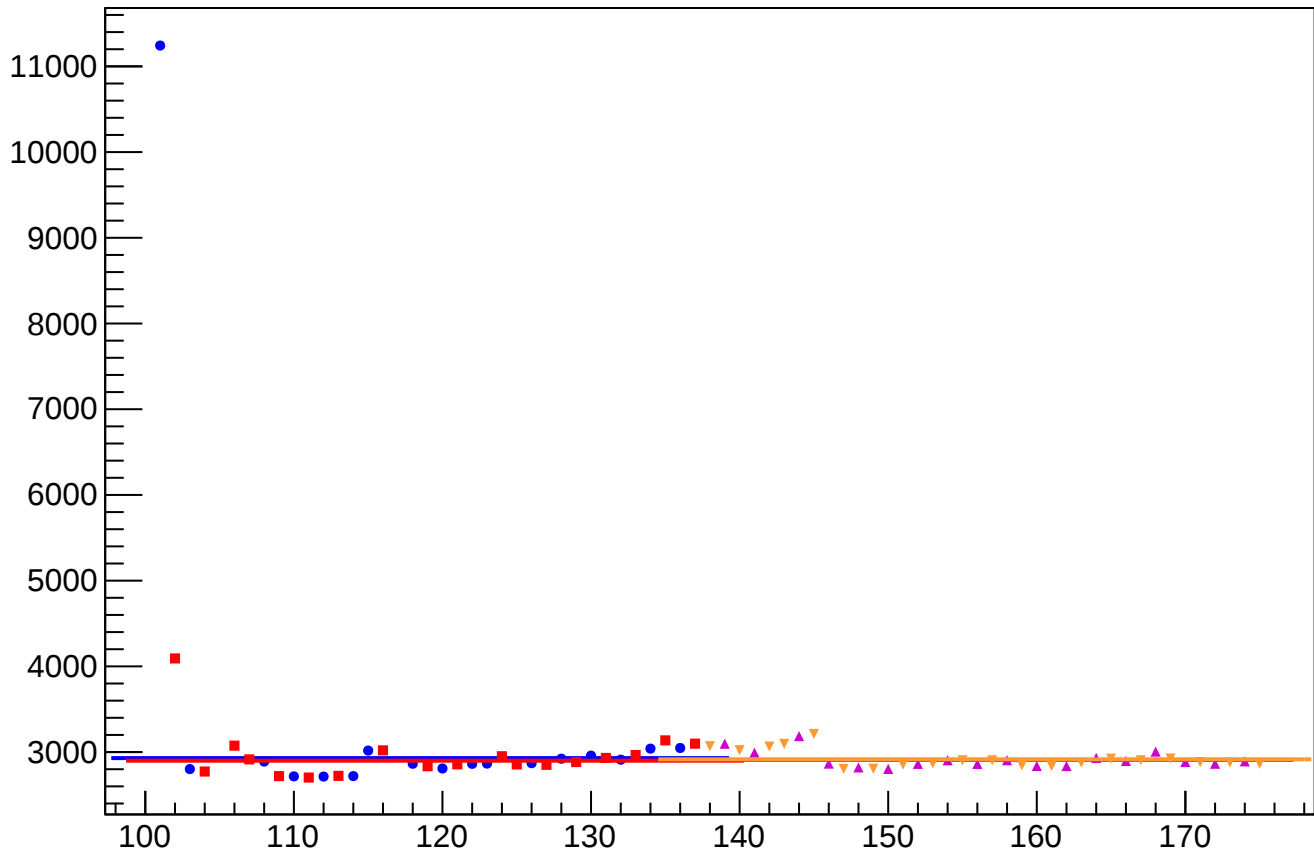
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2479.890+/-643.442 χ^2/NDF : 47.7/34

Out: 2872.008+/-621.183 χ^2/NDF : 33.6/37

All: 2682.848+/-446.905 χ^2/NDF : 81.5/72

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2915.333+/-0.530 χ^2/NDF : 35588.3/19

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2908.720+/-0.547 χ^2/NDF : 29713.4/17

Left: 2912.132+/-0.380 χ^2/NDF : 65377.2/37

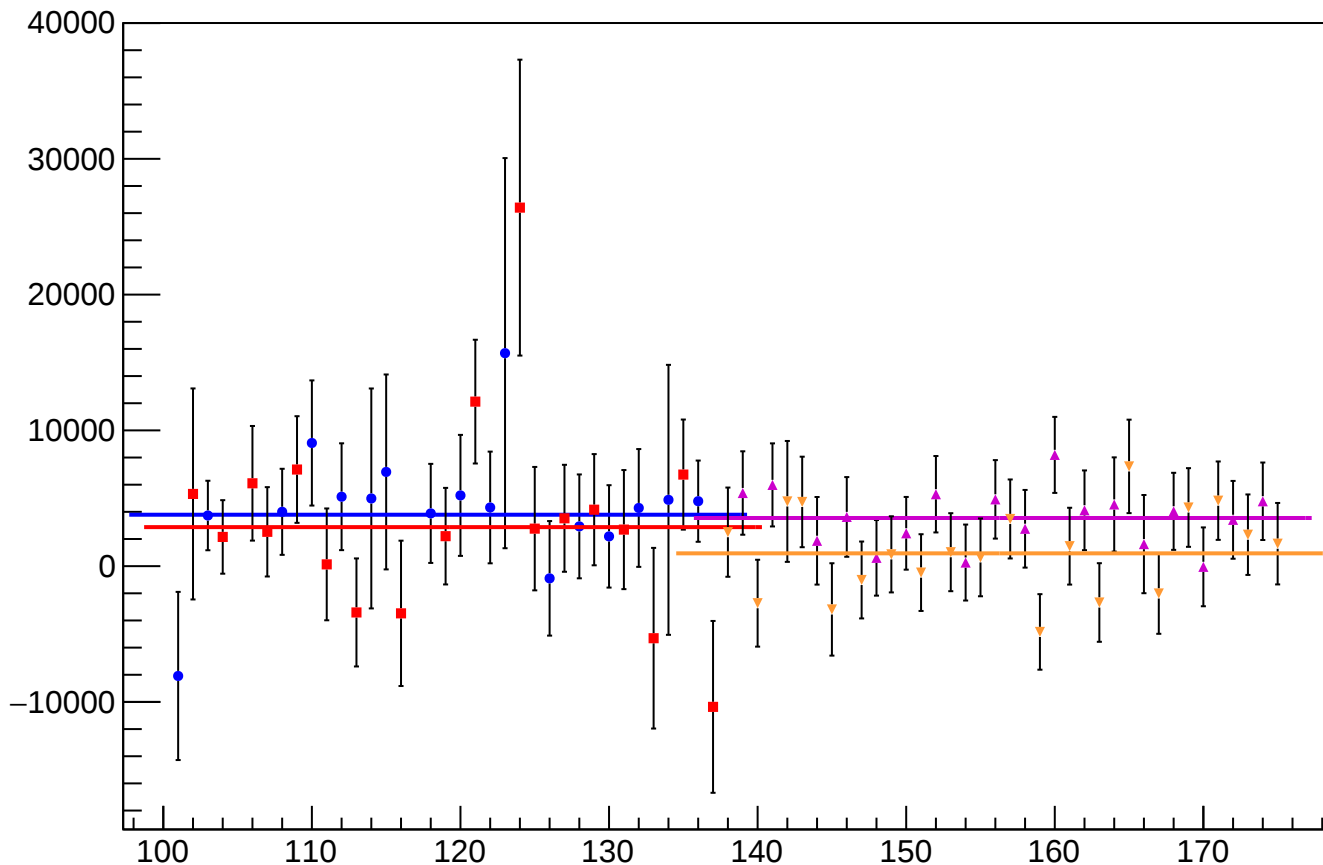
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2915.161+/-0.455 χ^2/NDF : 692793.4/34

Out: 2910.370+/-0.439 χ^2/NDF : 119412.8/37

All: 2912.682+/-0.316 χ^2/NDF : 812263.7/72

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 943.275+/-675.617 χ^2/NDF : 20.4/19

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3546.850+/-693.371 χ^2/NDF : 9.5/17

Left: 2211.303+/-483.888 χ^2/NDF : 37.1/37

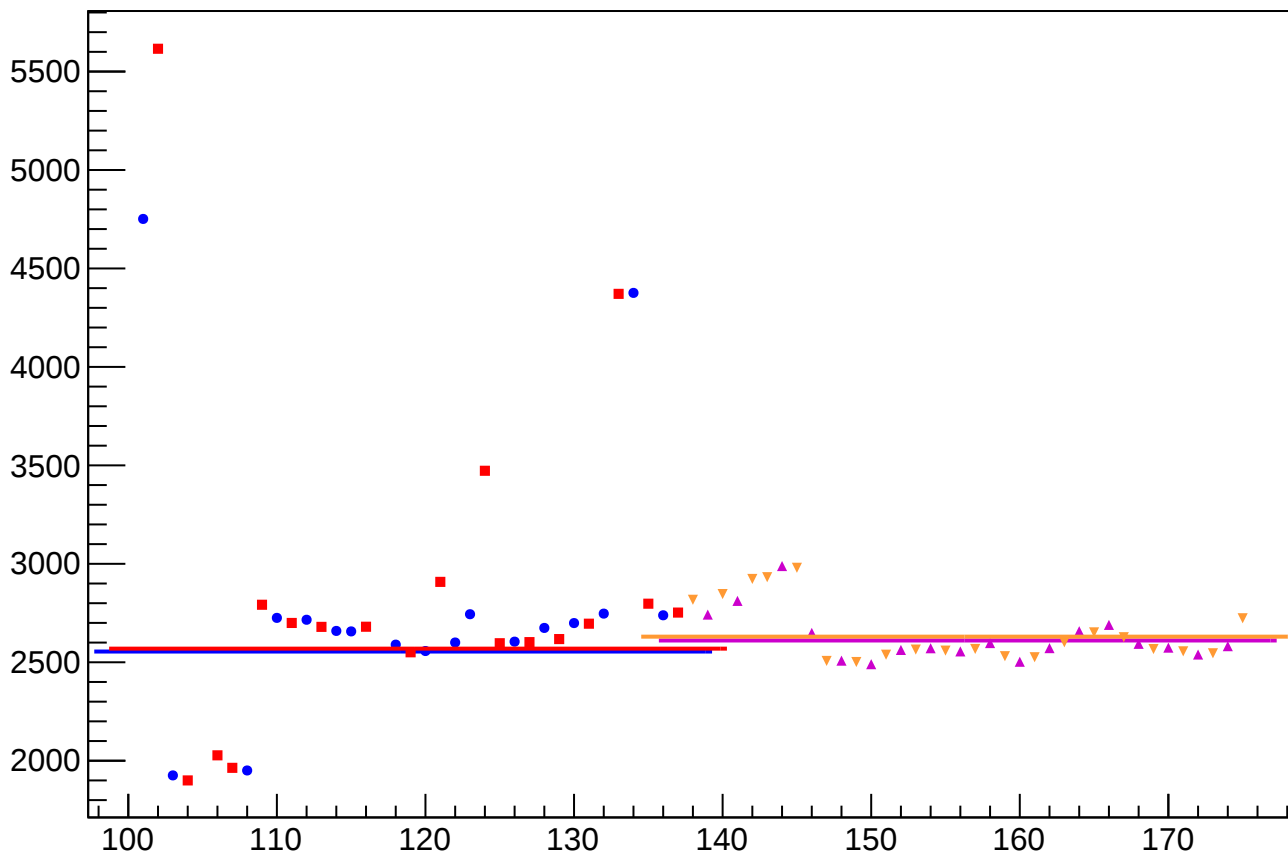
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3624.241+/-571.290 χ^2/NDF : 17.3/34

Out: 1545.210+/-560.536 χ^2/NDF : 44.9/37

All: 2564.973+/-400.107 χ^2/NDF : 69.0/72

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2630.126 $\pm$ 0.478 χ^2 /NDF: 86562.4/19

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2610.668 $\pm$ 0.490 χ^2 /NDF: 55096.6/17

Left: 2620.649 $\pm$ 0.342 χ^2 /NDF: 142466.9/37

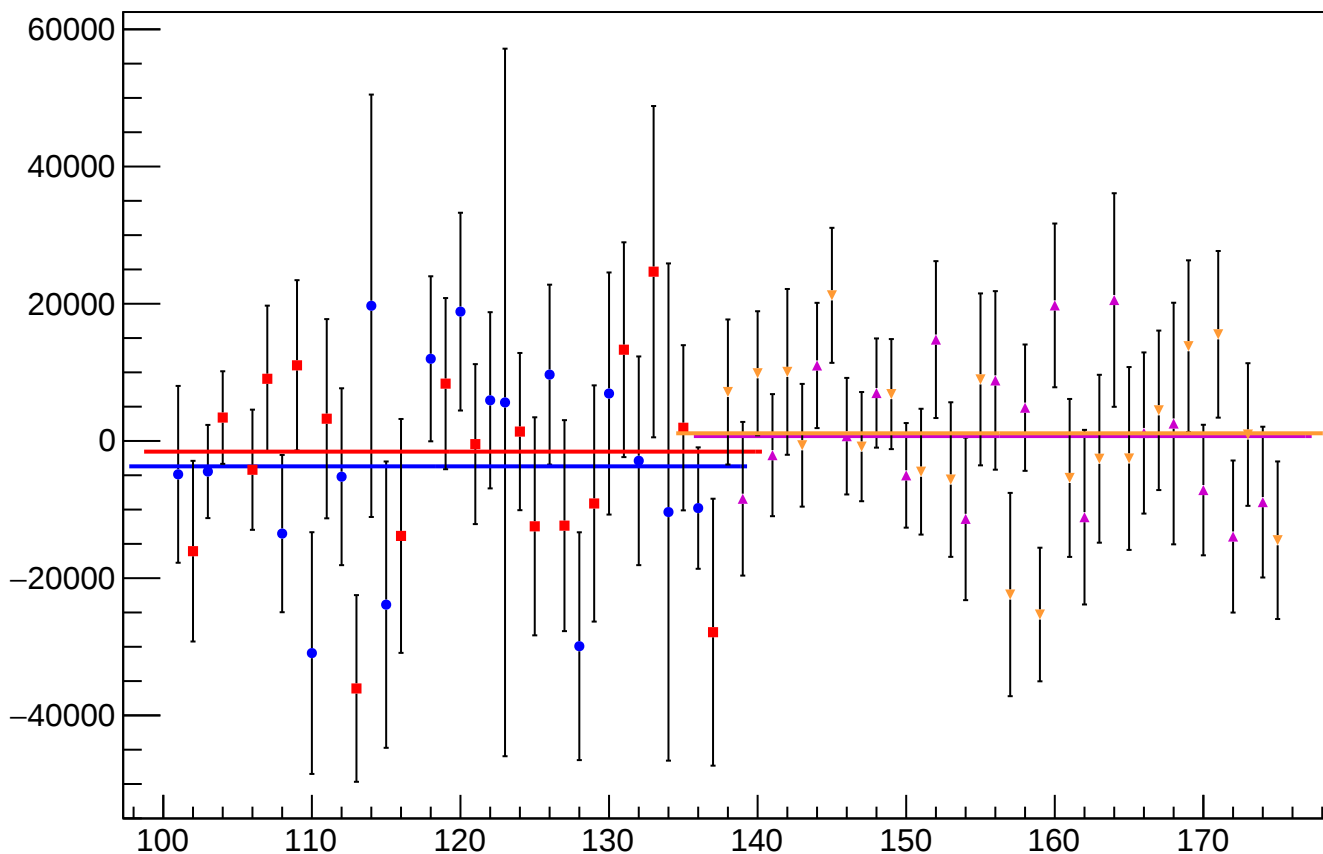
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2592.642 $\pm$ 0.404 χ^2 /NDF: 595931.8/34

Out: 2611.145 $\pm$ 0.396 χ^2 /NDF: 814956.7/37

All: 2602.071 $\pm$ 0.283 χ^2 /NDF: 1411957.6/72

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2 /NDF: 13.8/16

Left Out: 1118.227 $\pm$ 2352.523 χ^2 /NDF: 22.4/19

Right Out: -1555.707 $\pm$ 2911.769 χ^2 /NDF: 16.8/17

Left In: 712.814 $\pm$ 2445.581 χ^2 /NDF: 14.6/17

Left: 923.380 $\pm$ 1695.429 χ^2 /NDF: 37.1/37

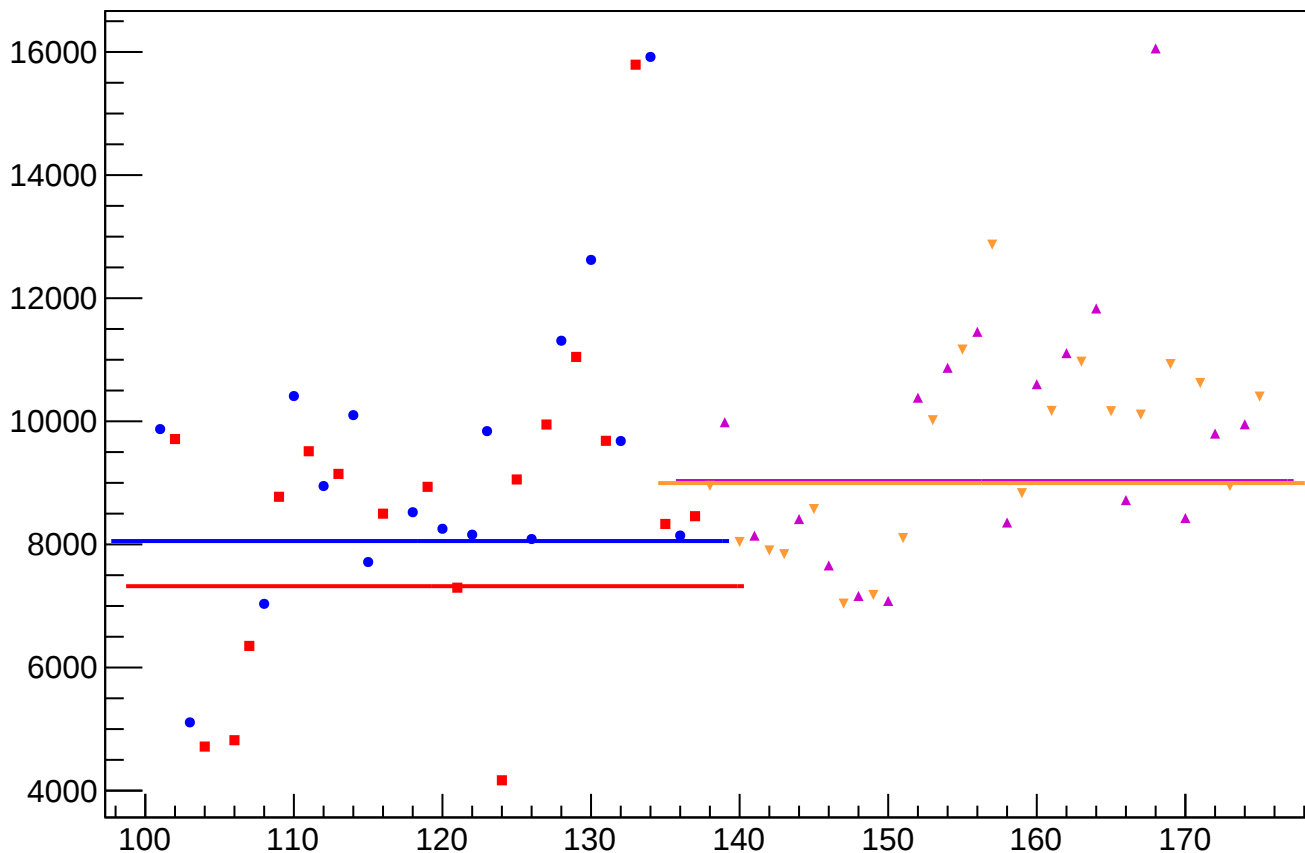
Right: -2520.832 $\pm$ 2159.052 χ^2 /NDF: 30.8/34

In: -902.673 $\pm$ 1947.074 χ^2 /NDF: 29.6/34

Out: 62.152 $\pm$ 1829.907 χ^2 /NDF: 39.7/37

All: -390.359 $\pm$ 1333.438 χ^2 /NDF: 69.5/72

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 8996.434 $\pm$ 1.663 χ^2 /NDF: 752155.8/19

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 9029.892 $\pm$ 1.729 χ^2 /NDF: 997406.3/17

Left: 9012.514 $\pm$ 1.199 χ^2 /NDF: 1749756.6/37

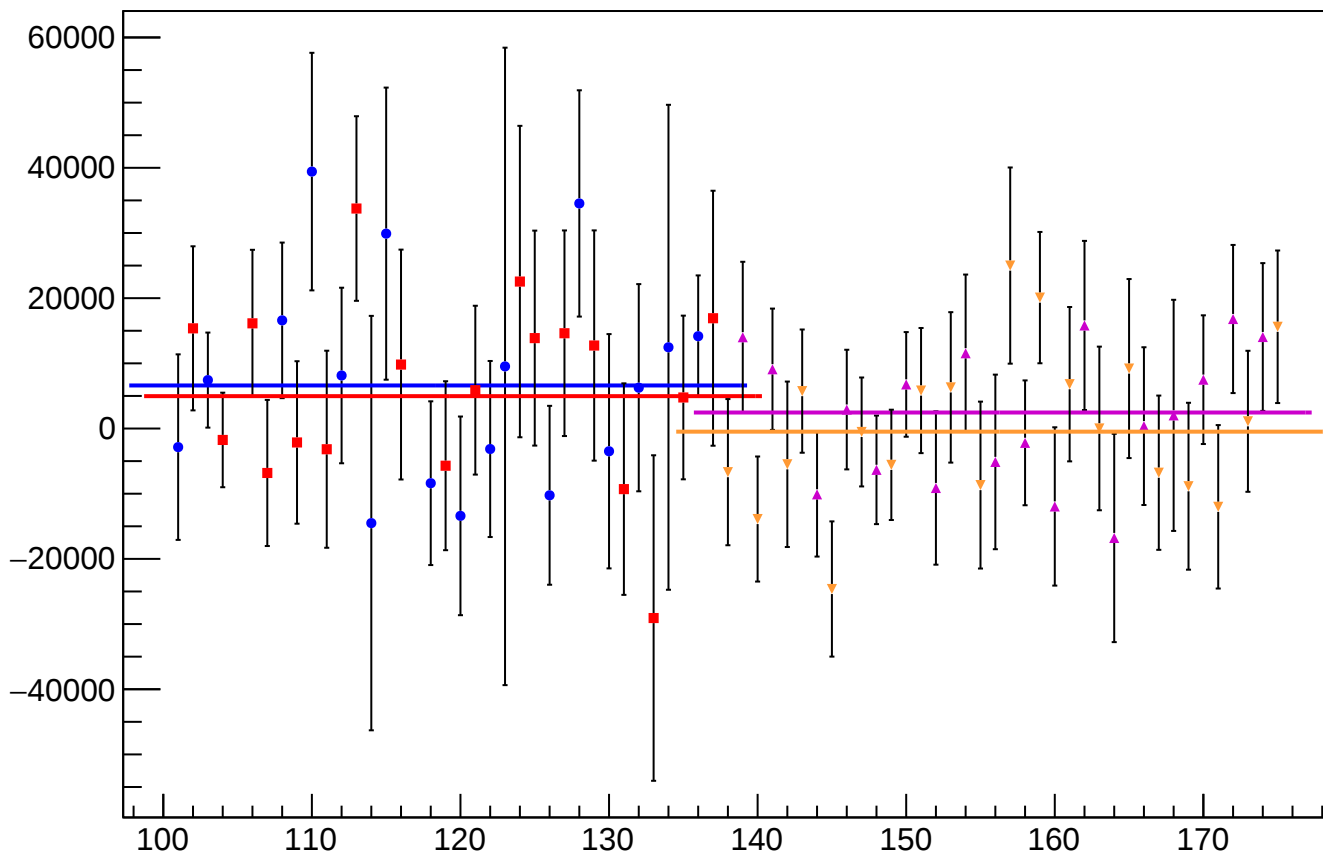
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8672.871 $\pm$ 1.377 χ^2 /NDF: 1934586.6/34

Out: 8334.887 $\pm$ 1.294 χ^2 /NDF: 2488553.7/37

All: 8493.405 $\pm$ 0.943 χ^2 /NDF: 4455140.0/72

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -480.172+/-2448.875 χ^2/NDF : 21.2/19

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2456.308+/-2541.930 χ^2/NDF : 13.6/17

Left: 933.336+/-1763.596 χ^2/NDF : 35.5/37

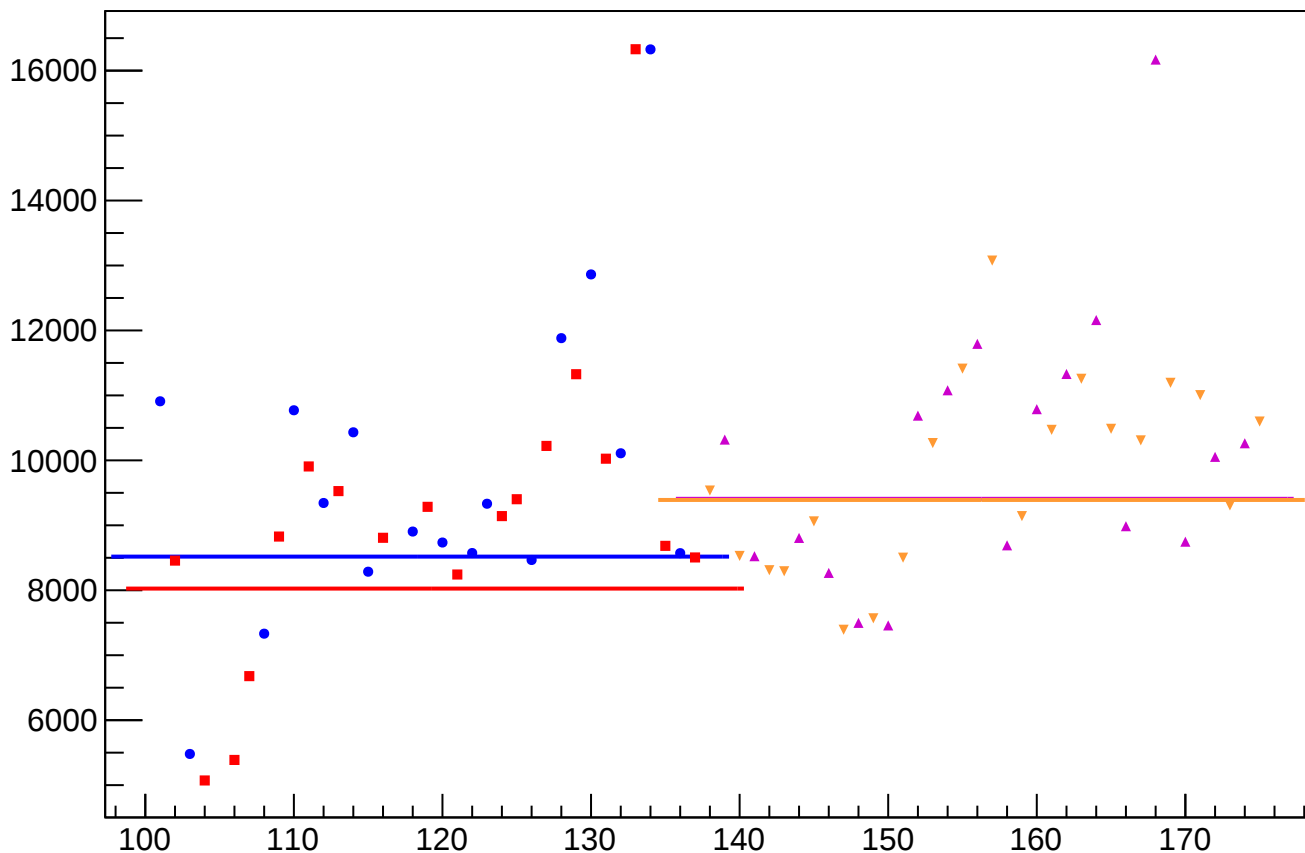
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3946.942+/-2034.973 χ^2/NDF : 29.2/34

Out: 1550.438+/-1939.522 χ^2/NDF : 36.6/37

All: 2691.169+/-1403.981 χ^2/NDF : 66.5/72

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9390.457+/-1.732 χ^2/NDF : 646509.2/19

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9407.931+/-1.797 χ^2/NDF : 878123.9/17

Left: 9398.868+/-1.247 χ^2/NDF : 1524682.2/37

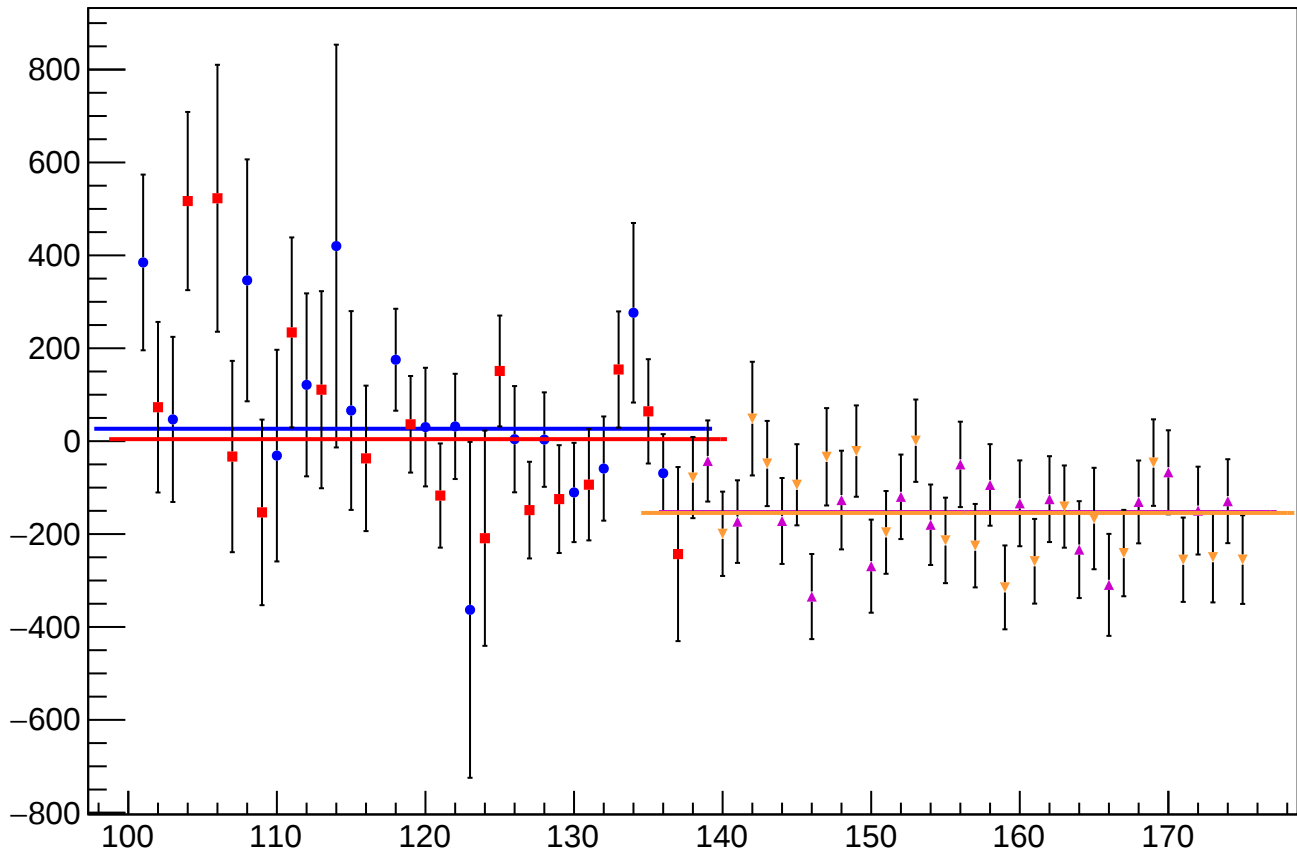
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9088.454+/-1.439 χ^2/NDF : 1738095.1/34

Out: 8881.880+/-1.371 χ^2/NDF : 1820586.2/37

All: 8980.208+/-0.993 χ^2/NDF : 3569480.8/72

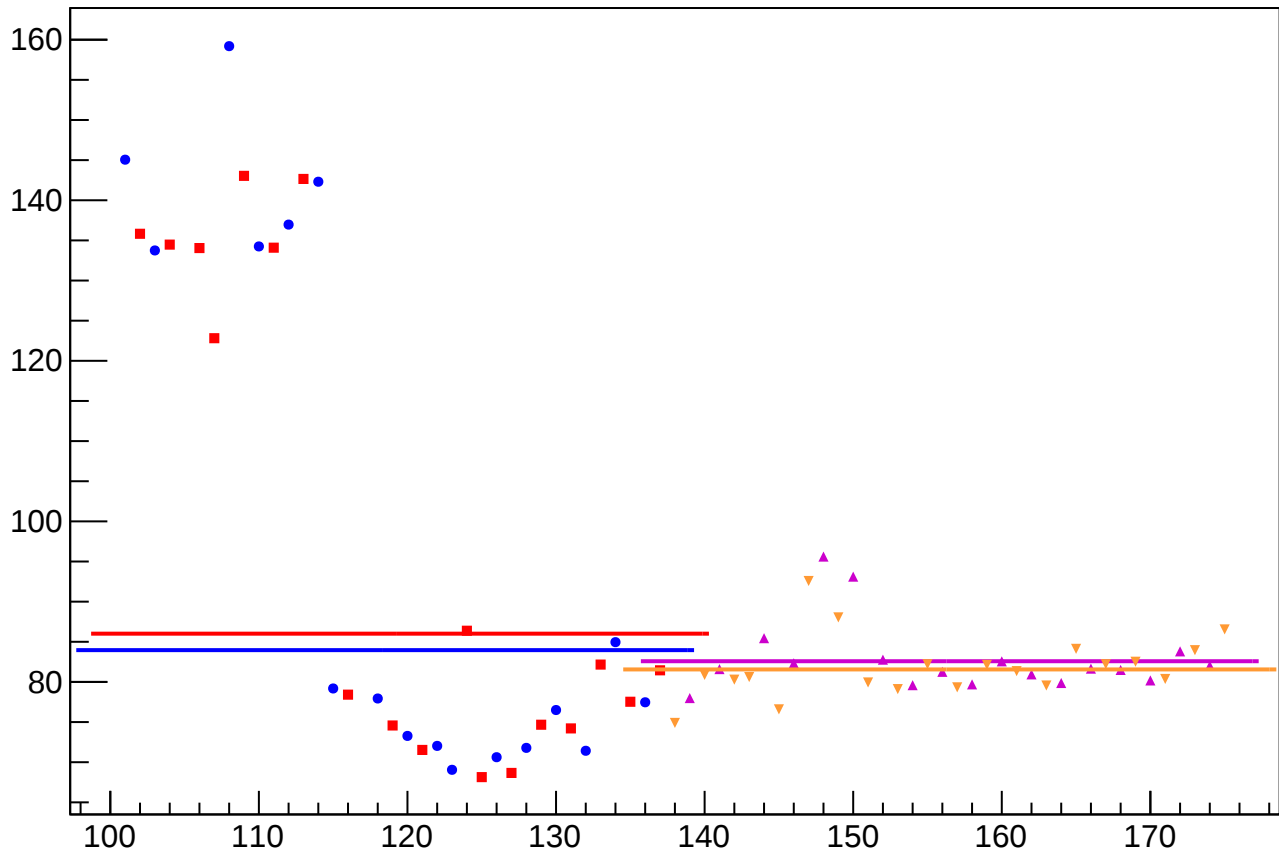
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -154.488 $\pm$ 20.939 χ^2/NDF : 23.1/19
Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
Left In: -152.578 $\pm$ 21.952 χ^2/NDF : 12.7/17

Left: -153.579 $\pm$ 15.151 χ^2/NDF : 35.8/37
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34
In: -99.003 $\pm$ 18.381 χ^2/NDF : 47.2/34
Out: -110.519 $\pm$ 17.806 χ^2/NDF : 62.9/37
All: -104.944 $\pm$ 12.789 χ^2/NDF : 110.4/72

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.556 $\pm$ 0.015 χ^2 /NDF: 62513.7/19

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 82.579 $\pm$ 0.016 χ^2 /NDF: 69123.9/17

Left: 82.044 $\pm$ 0.011 χ^2 /NDF: 133911.2/37

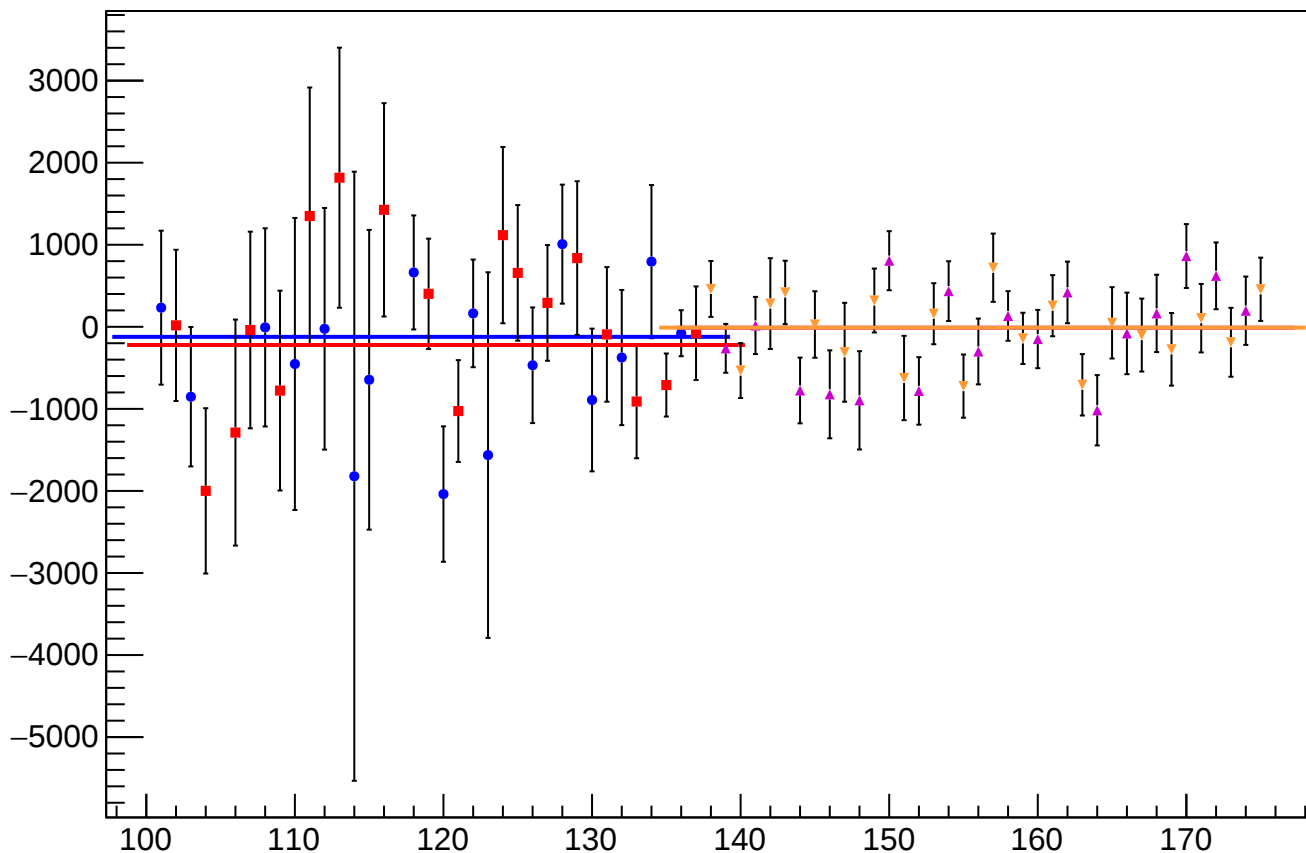
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 82.992 $\pm$ 0.013 χ^2 /NDF: 1031744.6/34

Out: 82.790 $\pm$ 0.013 χ^2 /NDF: 1113990.4/37

All: 82.888 $\pm$ 0.009 χ^2 /NDF: 2145859.7/72

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -9.979 $\pm$ 89.556 χ^2 /NDF:21.3/19

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -11.293 $\pm$ 92.135 χ^2 /NDF:34.6/17

Left: -10.617 $\pm$ 64.218 χ^2 /NDF: 55.9/37

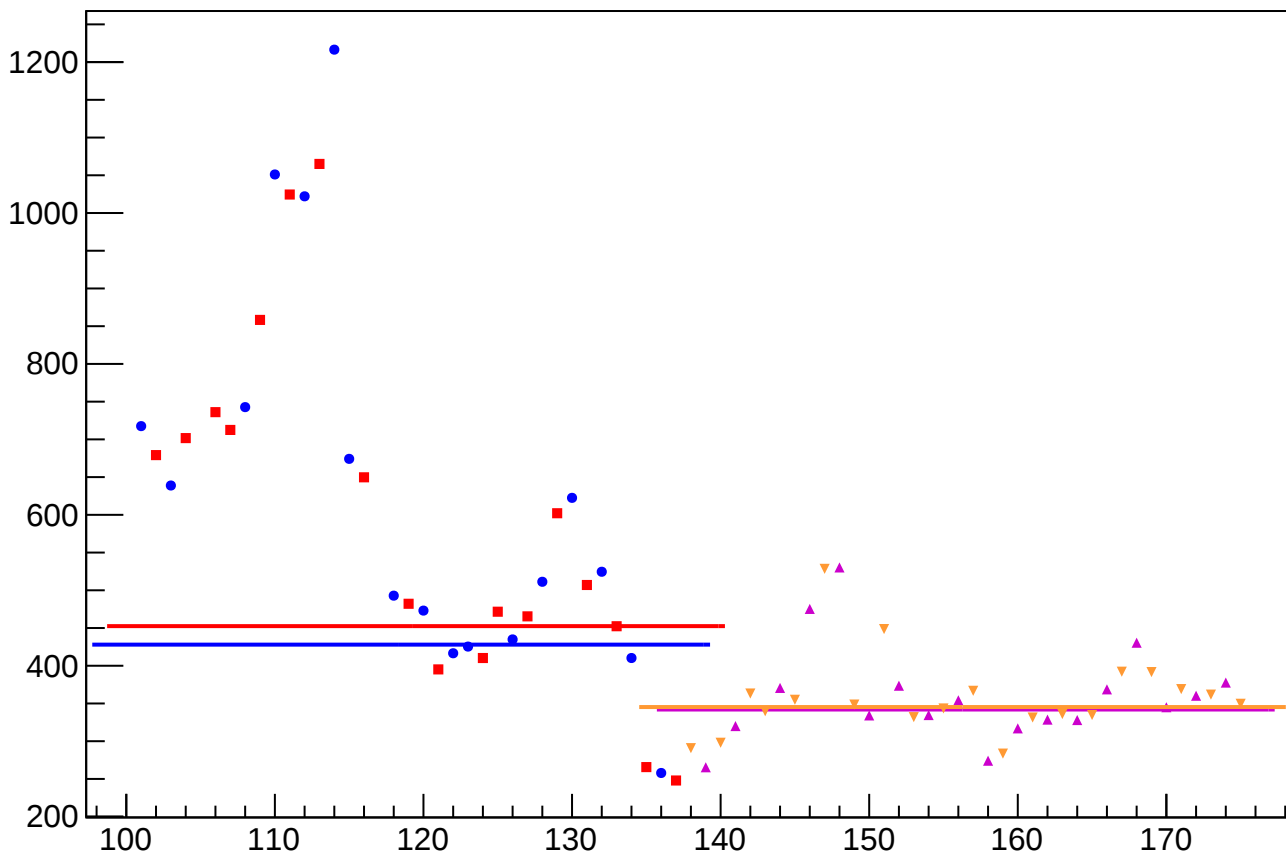
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -34.446 $\pm$ 81.976 χ^2 /NDF:47.9/34

Out: -50.107 $\pm$ 80.616 χ^2 /NDF:40.4/37

All: -42.407 $\pm$ 57.479 χ^2 /NDF: 88.3/72

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2/NDF : 2062245.9/16

Left Out: 345.265 $\pm$ 0.063 χ^2/NDF : 505891.5/19

Right Out: 452.508 $\pm$ 0.131 χ^2/NDF : 2073032.9/17

Left In: 341.993 $\pm$ 0.065 χ^2/NDF : 697835.0/17

Left: 343.676 $\pm$ 0.045 χ^2/NDF : 1205023.9/37

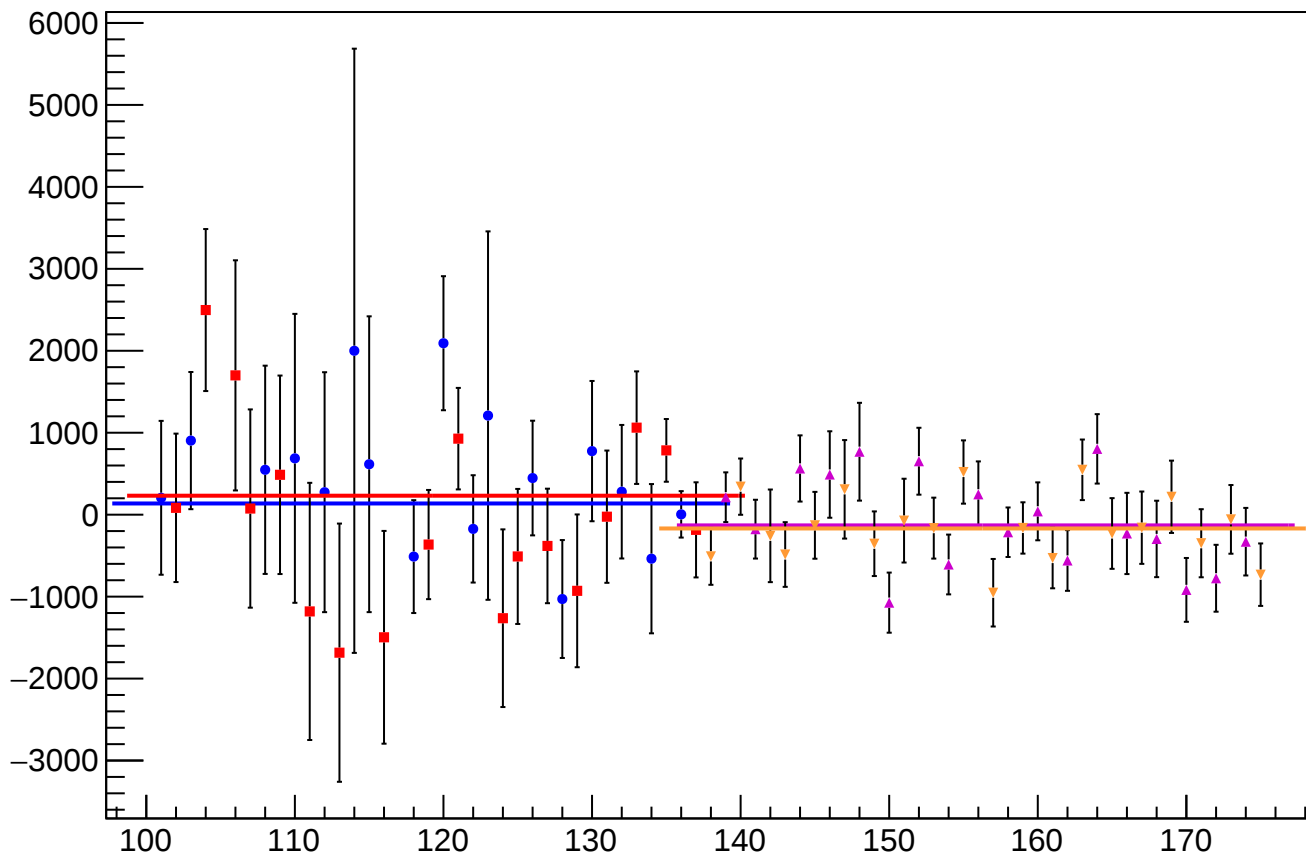
Right: 439.876 $\pm$ 0.091 χ^2/NDF : 4153360.2/34

In: 359.911 $\pm$ 0.058 χ^2/NDF : 3123097.9/34

Out: 365.608 $\pm$ 0.057 χ^2/NDF : 3122938.3/37

All: 362.807 $\pm$ 0.041 χ^2/NDF : 6250946.6/72

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -168.206 $\pm$ 89.771 χ^2 /NDF:19.5/19

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -130.737 $\pm$ 92.333 χ^2 /NDF:34.3/17

Left: -149.999 $\pm$ 64.364 χ^2 /NDF: 53.9/37

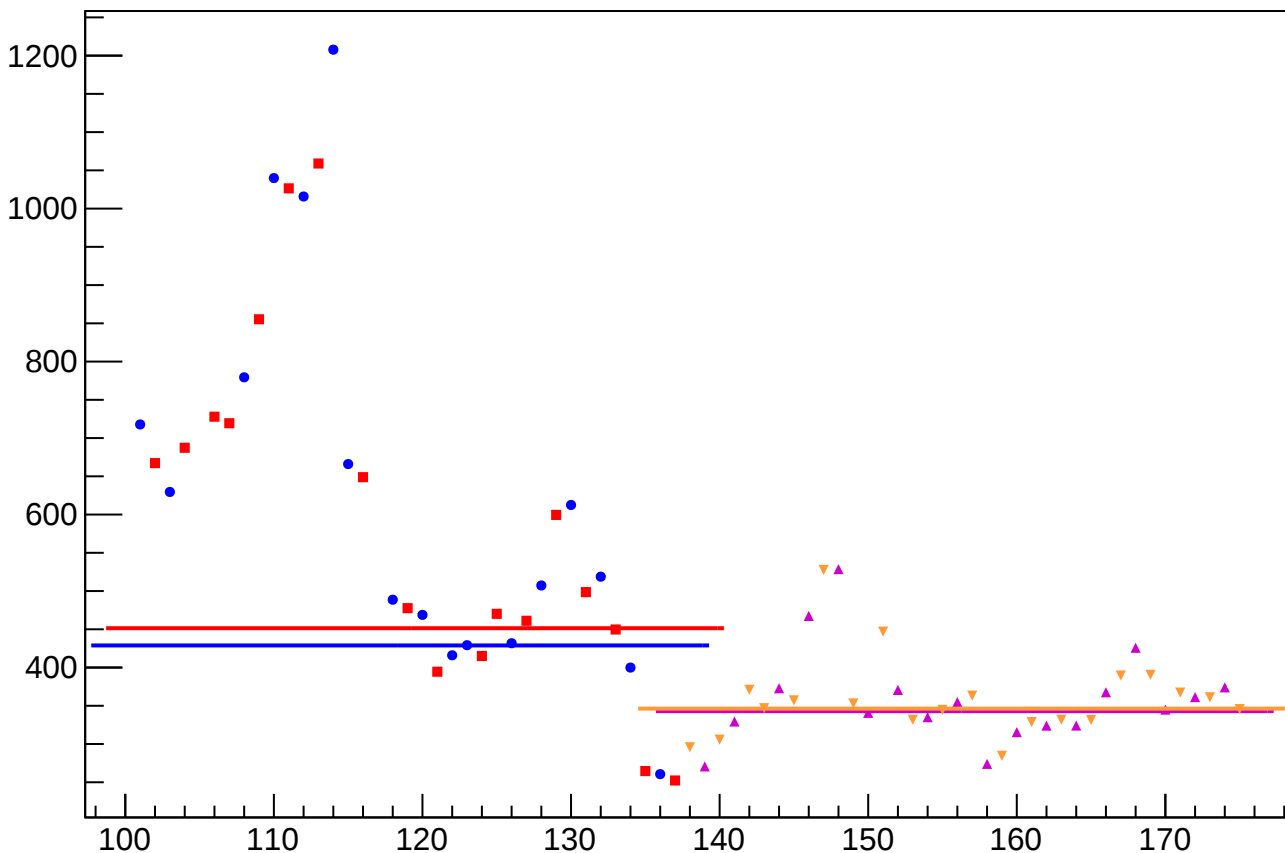
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -74.810 $\pm$ 82.118 χ^2 /NDF:48.7/34

Out: -91.729 $\pm$ 80.729 χ^2 /NDF:45.0/37

All: -83.414 $\pm$ 57.569 χ^2 /NDF: 93.7/72

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 346.300 $\pm$ 0.063 χ^2/NDF : 476642.2/19

Right Out: 451.411 $\pm$ 0.131 χ^2/NDF : 2030742.8/17

Left In: 342.959 $\pm$ 0.065 χ^2/NDF : 652978.1/17

Left: 344.676 $\pm$ 0.046 χ^2/NDF : 1130966.3/37

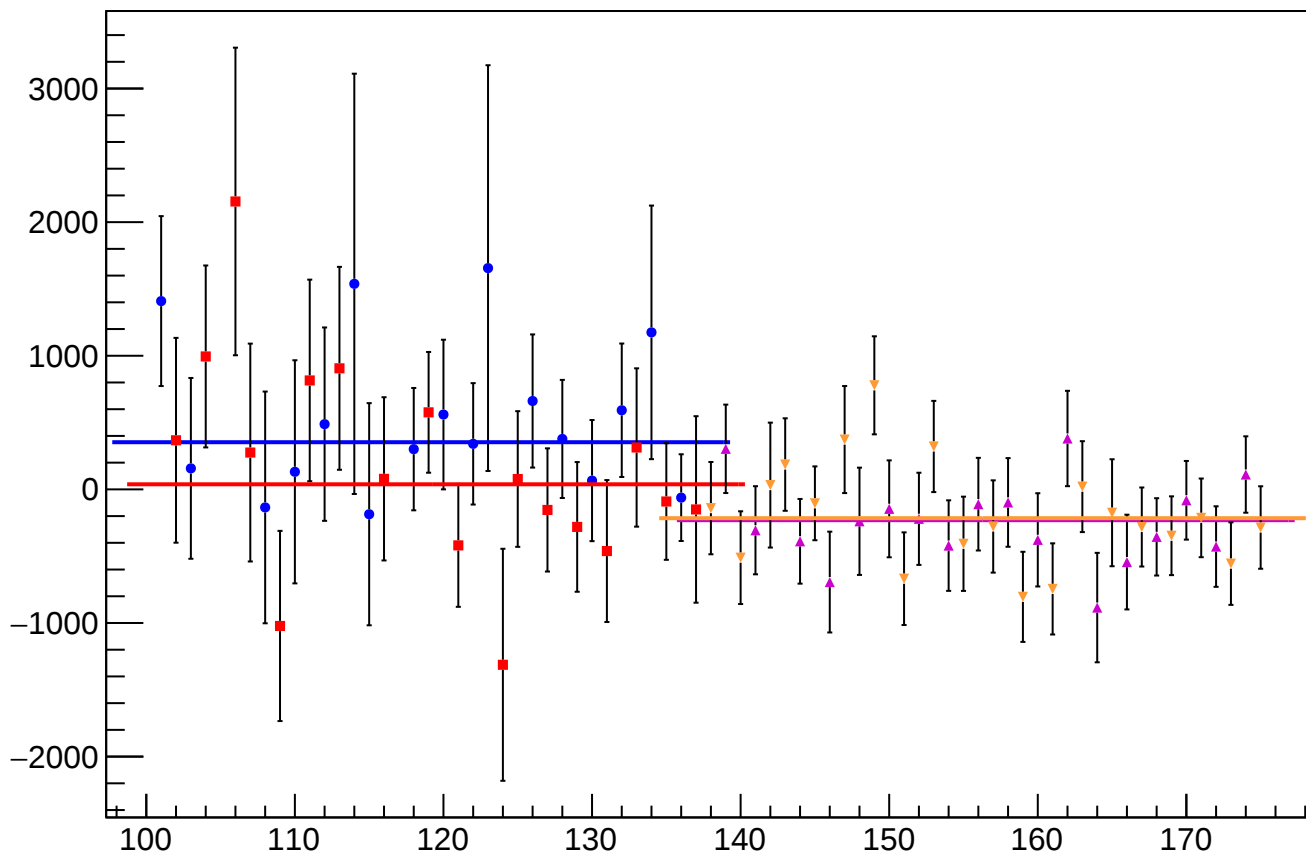
Right: 439.843 $\pm$ 0.091 χ^2/NDF : 4056629.4/34

In: 360.921 $\pm$ 0.058 χ^2/NDF : 3025667.4/34

Out: 366.407 $\pm$ 0.057 χ^2/NDF : 3031898.3/37

All: 363.711 $\pm$ 0.041 χ^2/NDF : 6062104.0/72

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -215.742 ± 75.073 $\chi^2/\text{NDF}: 24.0/19$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -230.514 ± 78.969 $\chi^2/\text{NDF}: 13.8/17$

Left: -222.755 ± 54.410 $\chi^2/\text{NDF}: 37.9/37$

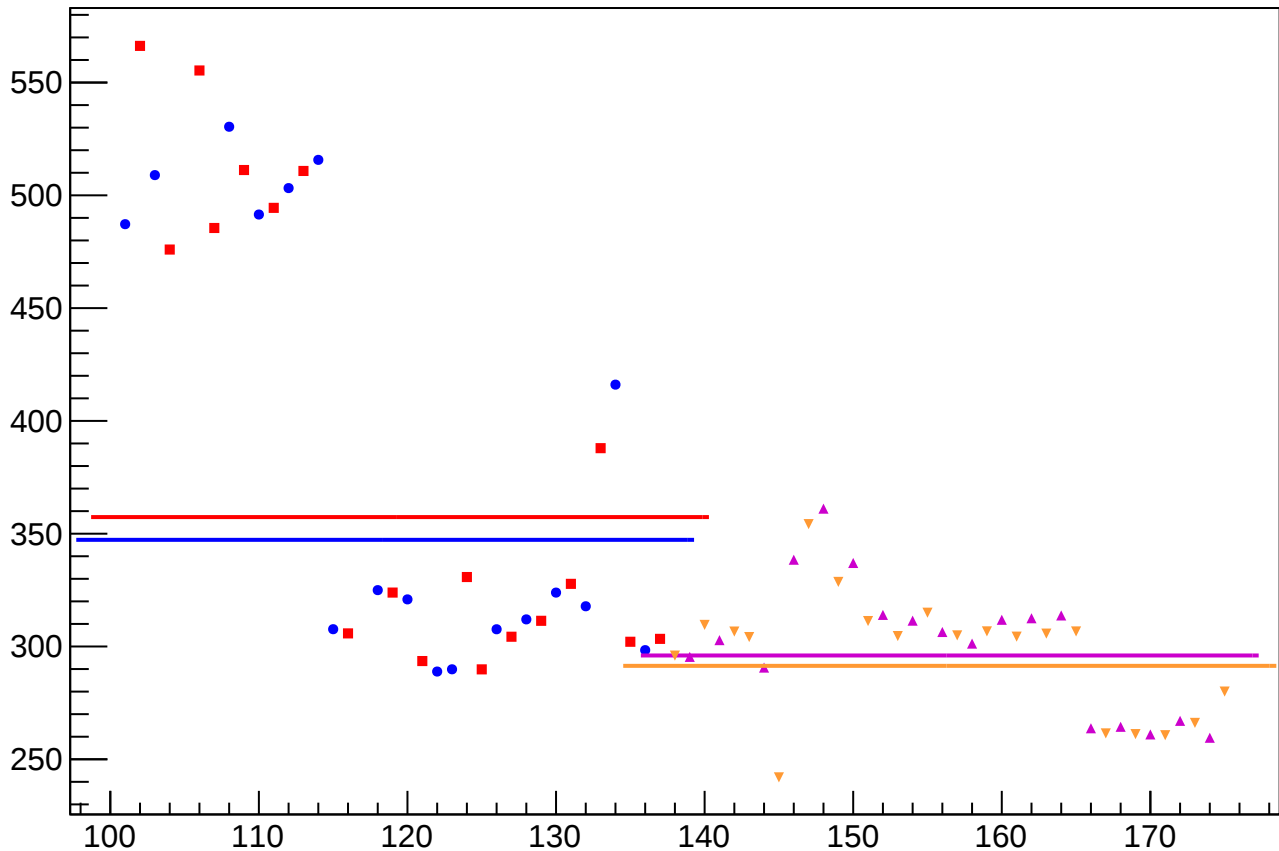
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: -85.482 ± 68.454 $\chi^2/\text{NDF}: 35.9/34$

Out: -158.459 ± 66.057 $\chi^2/\text{NDF}: 43.5/37$

All: -123.271 ± 47.534 $\chi^2/\text{NDF}: 80.0/72$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 291.419 $\pm$ 0.053 χ^2 /NDF:258950.9/19

Right Out: 357.365 $\pm$ 0.098 χ^2 /NDF: 759938.5/17

Left In: 296.013 $\pm$ 0.056 χ^2 /NDF:248691.4/17

Left: 293.600 $\pm$ 0.038 χ^2 /NDF: 511198.1/37

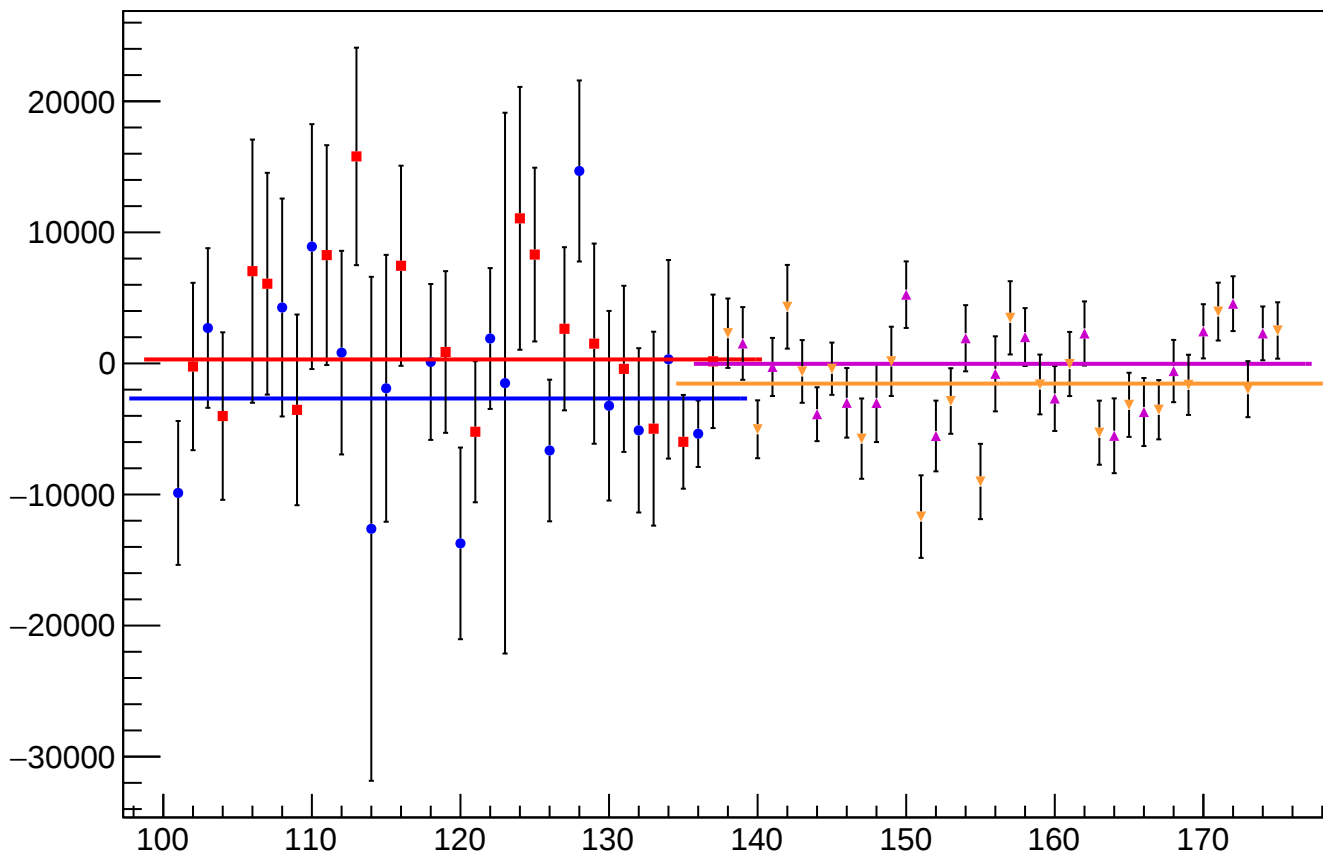
Right: 352.259 $\pm$ 0.069 χ^2 /NDF: 1384173.3/34

In: 308.757 $\pm$ 0.048 χ^2 /NDF:1077128.9/34

Out: 306.308 $\pm$ 0.047 χ^2 /NDF:1367304.1/37

All: 307.489 $\pm$ 0.034 χ^2 /NDF: 2445759.1/72

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -1539.400 $\pm$ 546.314 χ^2/NDF : 45.1/19

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -30.820 $\pm$ 569.936 χ^2/NDF : 31.4/17

Left: -817.021 $\pm$ 394.389 χ^2/NDF : 80.2/37

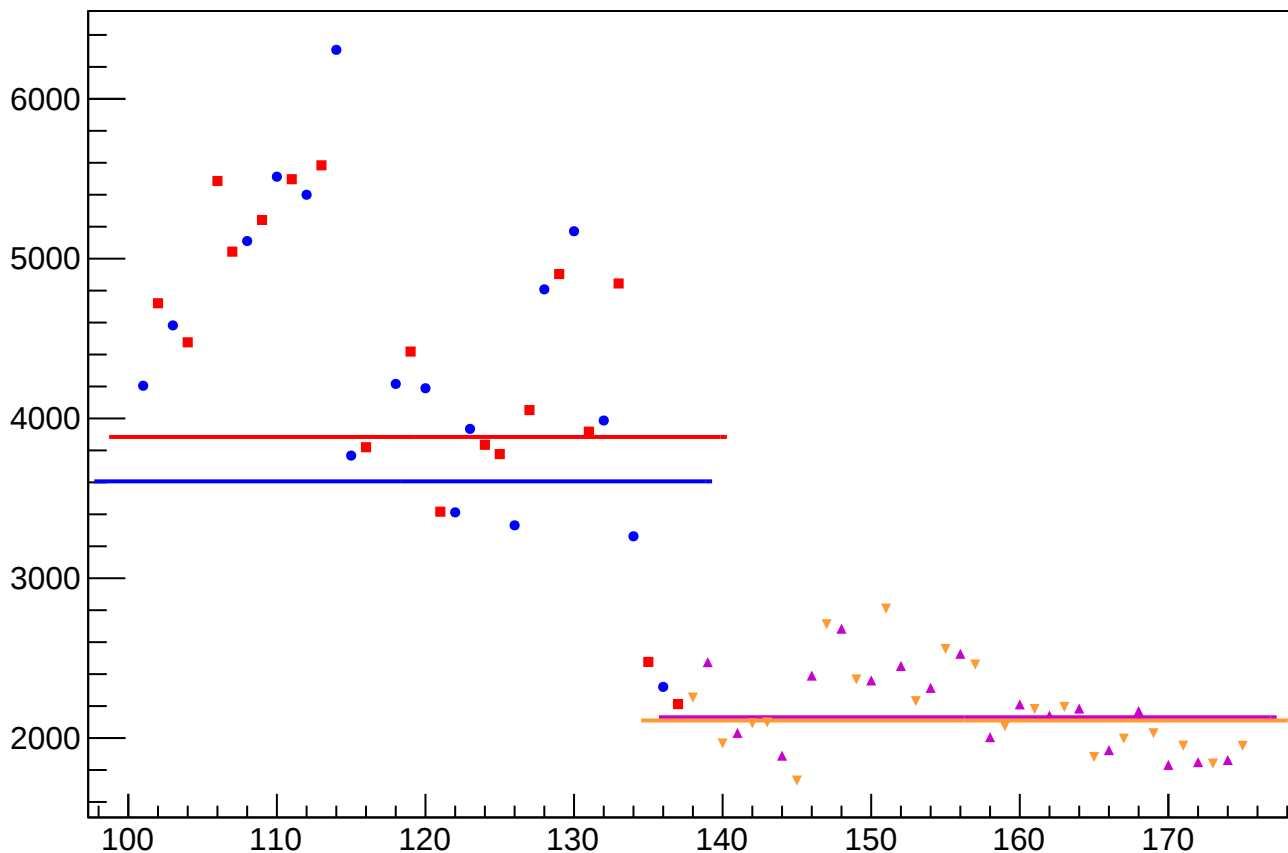
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -381.935 $\pm$ 530.734 χ^2/NDF : 51.0/34

Out: -1327.884 $\pm$ 514.031 χ^2/NDF : 60.8/37

All: -870.028 $\pm$ 369.239 χ^2/NDF : 113.4/72

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2109.889+/-0.386 χ^2/NDF : 447215.5/19

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2129.976+/-0.403 χ^2/NDF : 378254.7/17

Left: 2119.508+/-0.279 χ^2/NDF : 826765.0/37

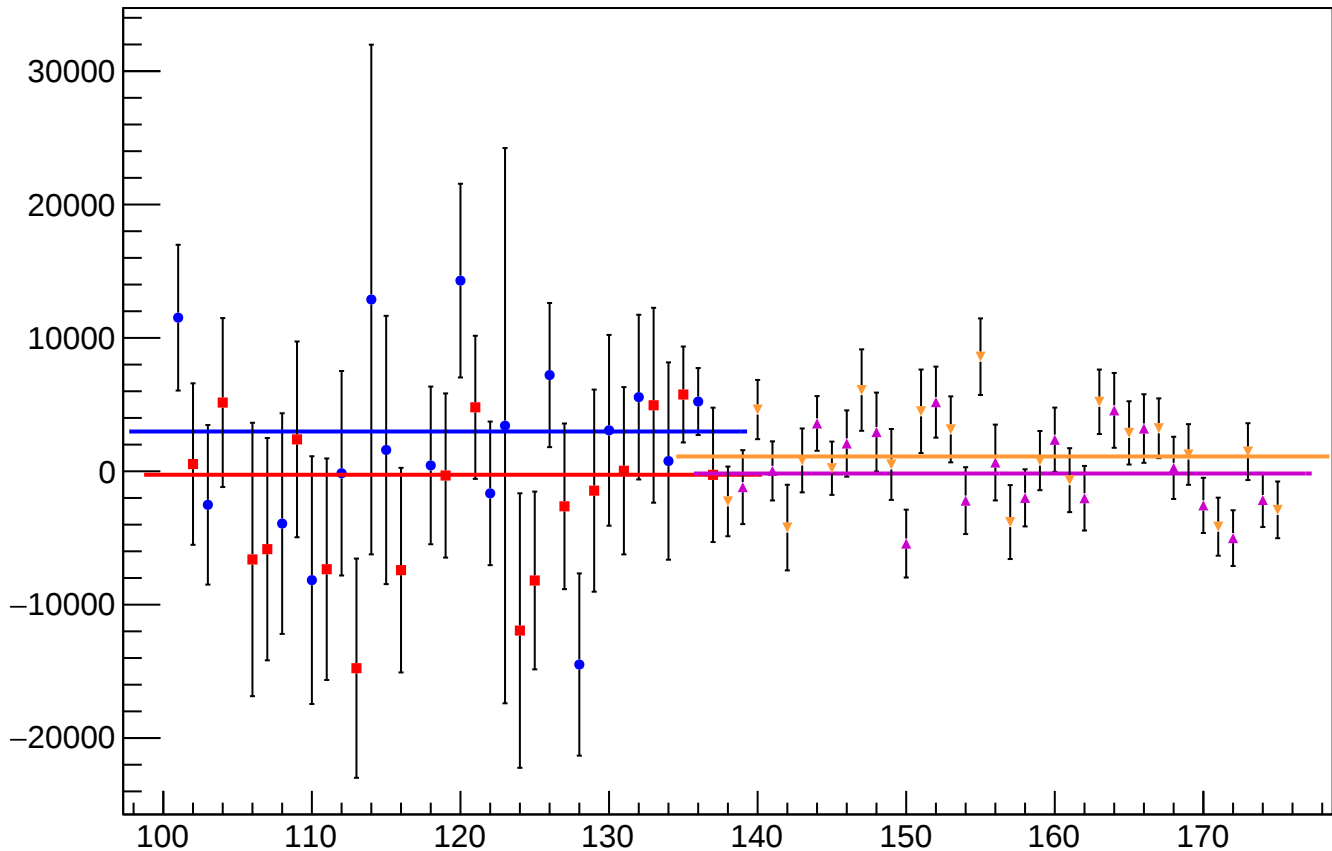
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2326.094+/-0.375 χ^2/NDF : 3253537.1/34

Out: 2313.388+/-0.363 χ^2/NDF : 3861354.0/37

All: 2319.538+/-0.261 χ^2/NDF : 7115482.6/72

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1111.791+/-541.668 χ^2/NDF : 36.0/19

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: -166.317+/-563.006 χ^2/NDF : 29.1/17

Left: 497.415+/-390.343 χ^2/NDF : 67.8/37

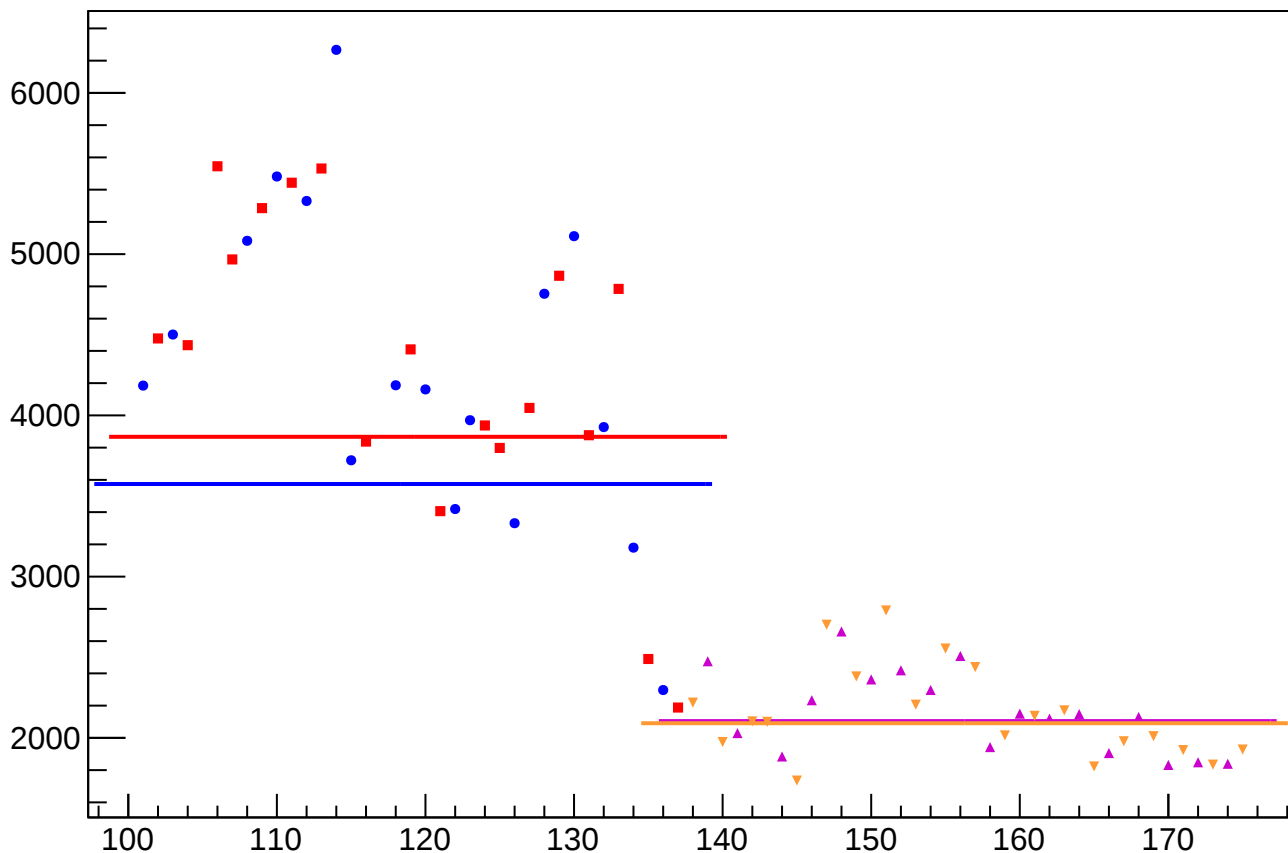
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 249.523+/-524.528 χ^2/NDF : 50.7/34

Out: 955.489+/-509.869 χ^2/NDF : 50.2/37

All: 612.508+/-365.605 χ^2/NDF : 101.8/72

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2090.764 $\pm$ 0.383 χ^2 /NDF: 456250.4/19

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2103.952 $\pm$ 0.398 χ^2 /NDF: 361065.7/17

Left: 2097.103 $\pm$ 0.276 χ^2 /NDF: 817886.0/37

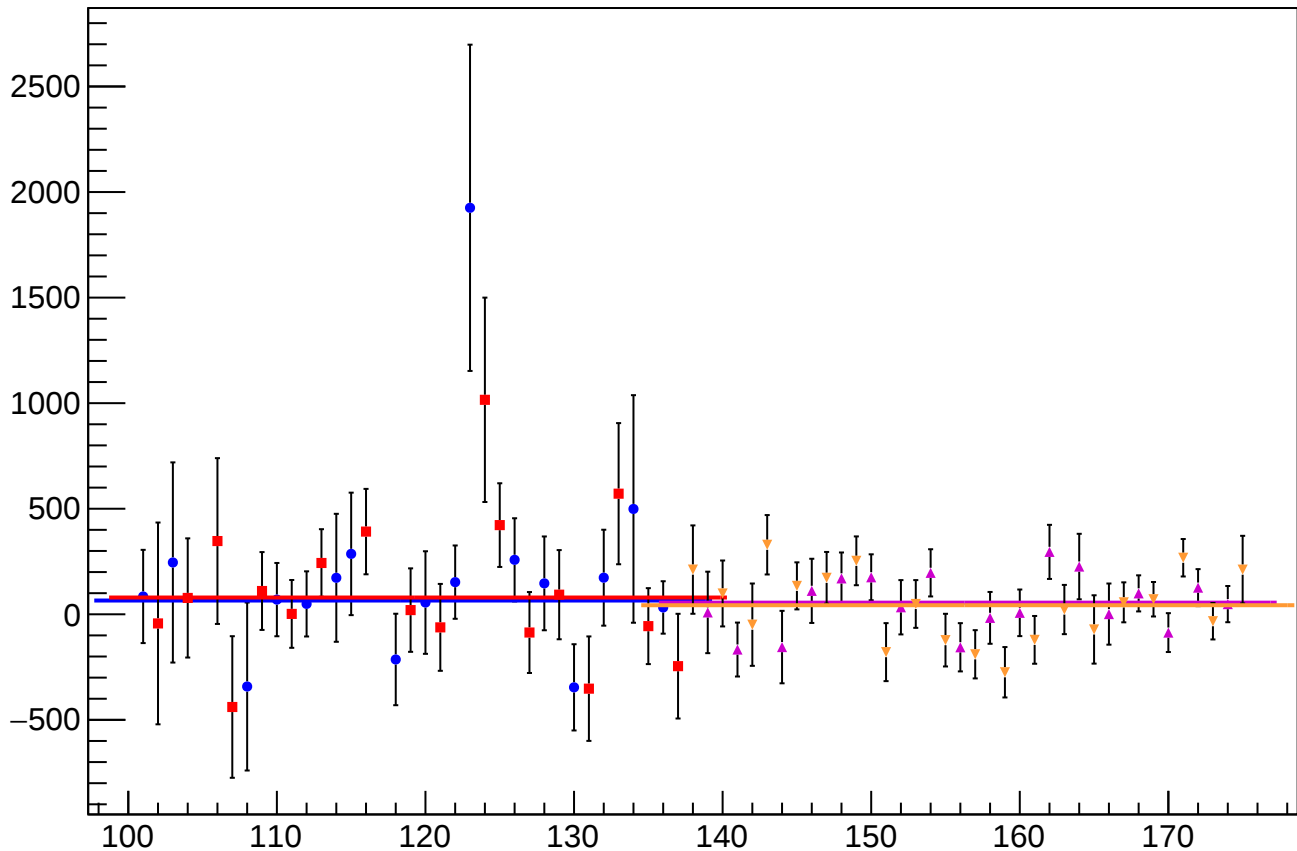
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2298.069 $\pm$ 0.371 χ^2 /NDF: 3253389.9/34

Out: 2293.217 $\pm$ 0.361 χ^2 /NDF: 3875957.8/37

All: 2295.574 $\pm$ 0.259 χ^2 /NDF: 7129435.7/72

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 42.961 $\pm$ 26.206 χ^2 /NDF: 36.9/19

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 55.151 $\pm$ 27.187 χ^2 /NDF: 20.6/17

Left: 48.832 $\pm$ 18.868 χ^2 /NDF: 57.6/37

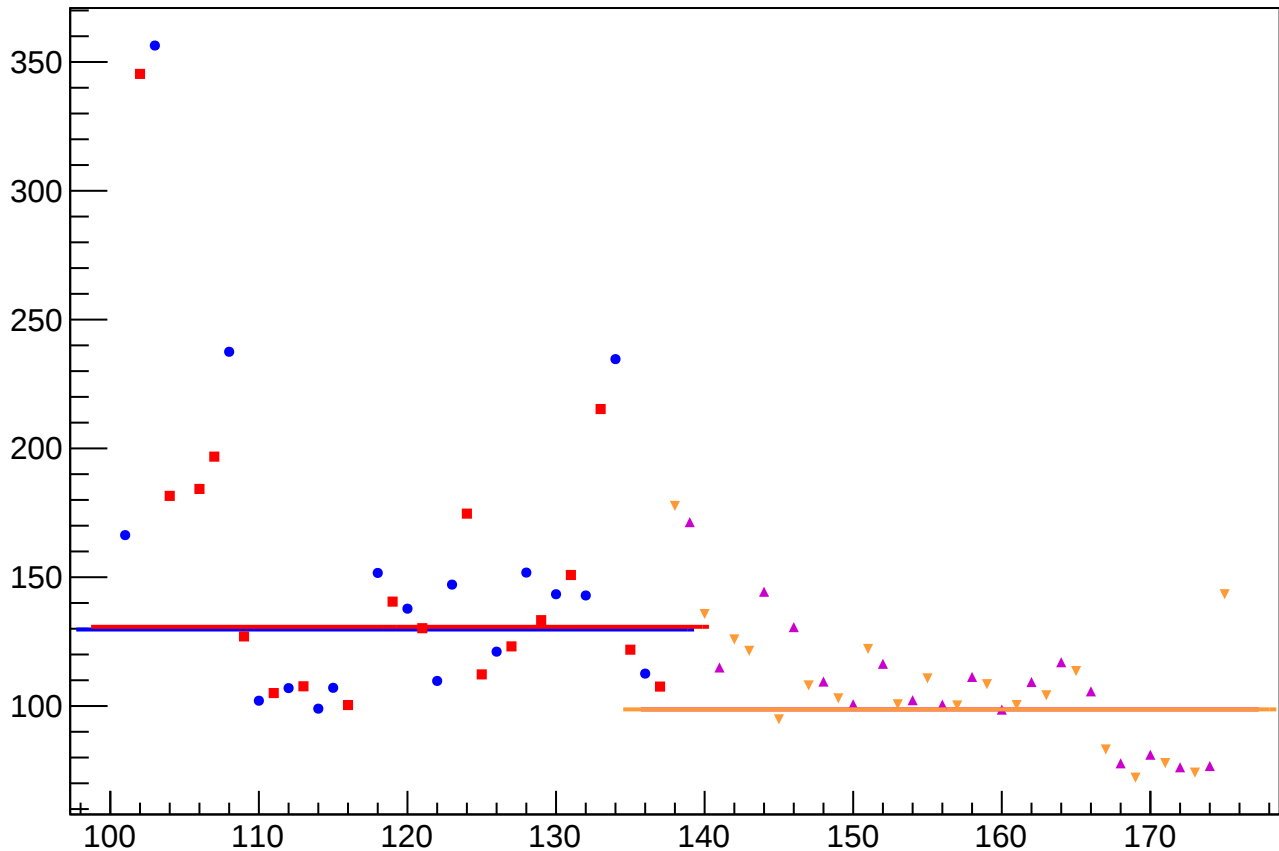
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 57.268 $\pm$ 24.162 χ^2 /NDF: 36.3/34

Out: 50.279 $\pm$ 23.433 χ^2 /NDF: 59.5/37

All: 53.666 $\pm$ 16.821 χ^2 /NDF: 95.8/72

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 98.689 $\pm$ 0.019 χ^2 /NDF:1310281.7/19

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 98.681 $\pm$ 0.019 χ^2 /NDF:1125850.5/17

Left: 98.685 $\pm$ 0.013 χ^2 /NDF: 2436132.3/37

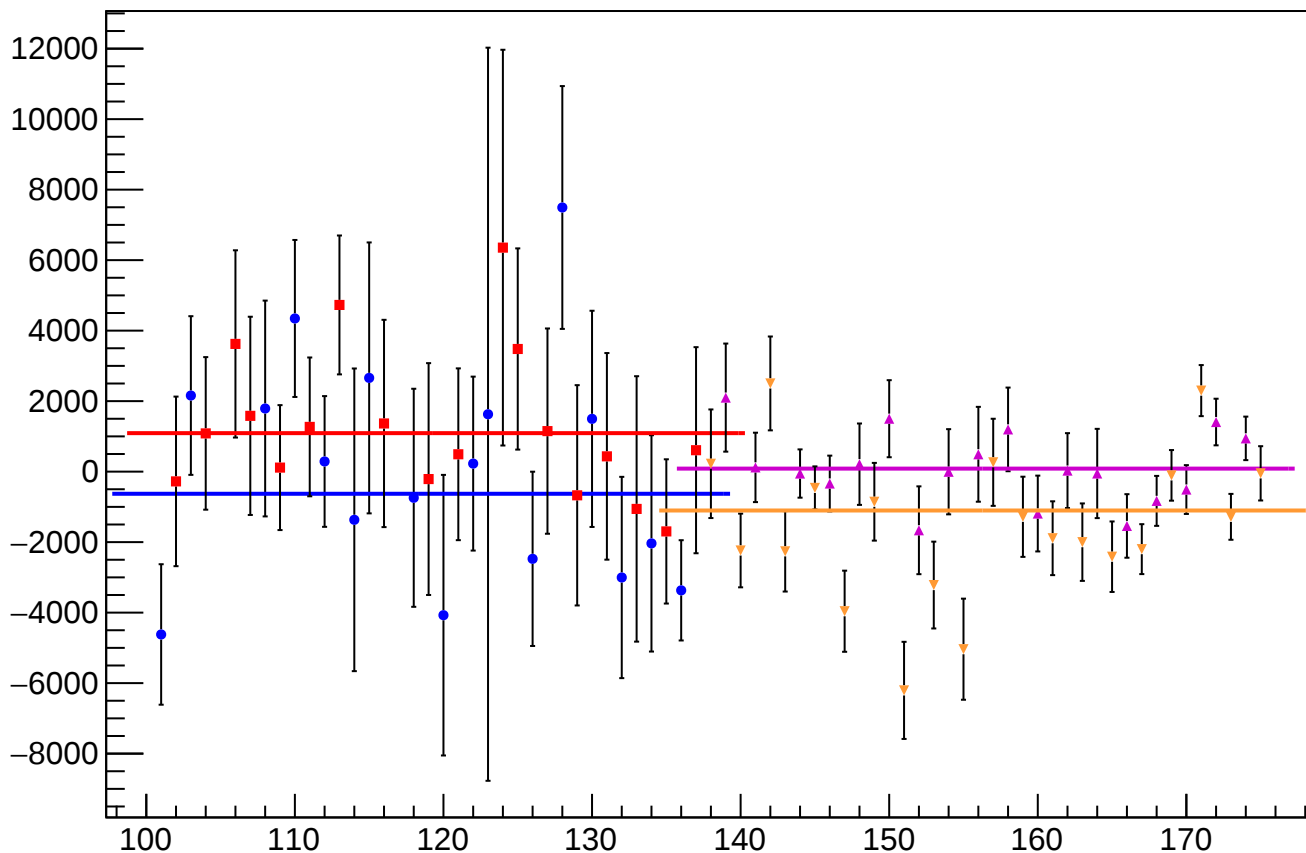
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 105.201 $\pm$ 0.017 χ^2 /NDF:2662643.8/34

Out: 105.115 $\pm$ 0.017 χ^2 /NDF:2837832.7/37

All: 105.156 $\pm$ 0.012 χ^2 /NDF: 5500489.5/72

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1102.662+/-210.096 χ^2/NDF : 74.3/19

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 85.642+/-213.404 χ^2/NDF : 19.7/17

Left: -517.790+/-149.716 χ^2/NDF : 109.8/37

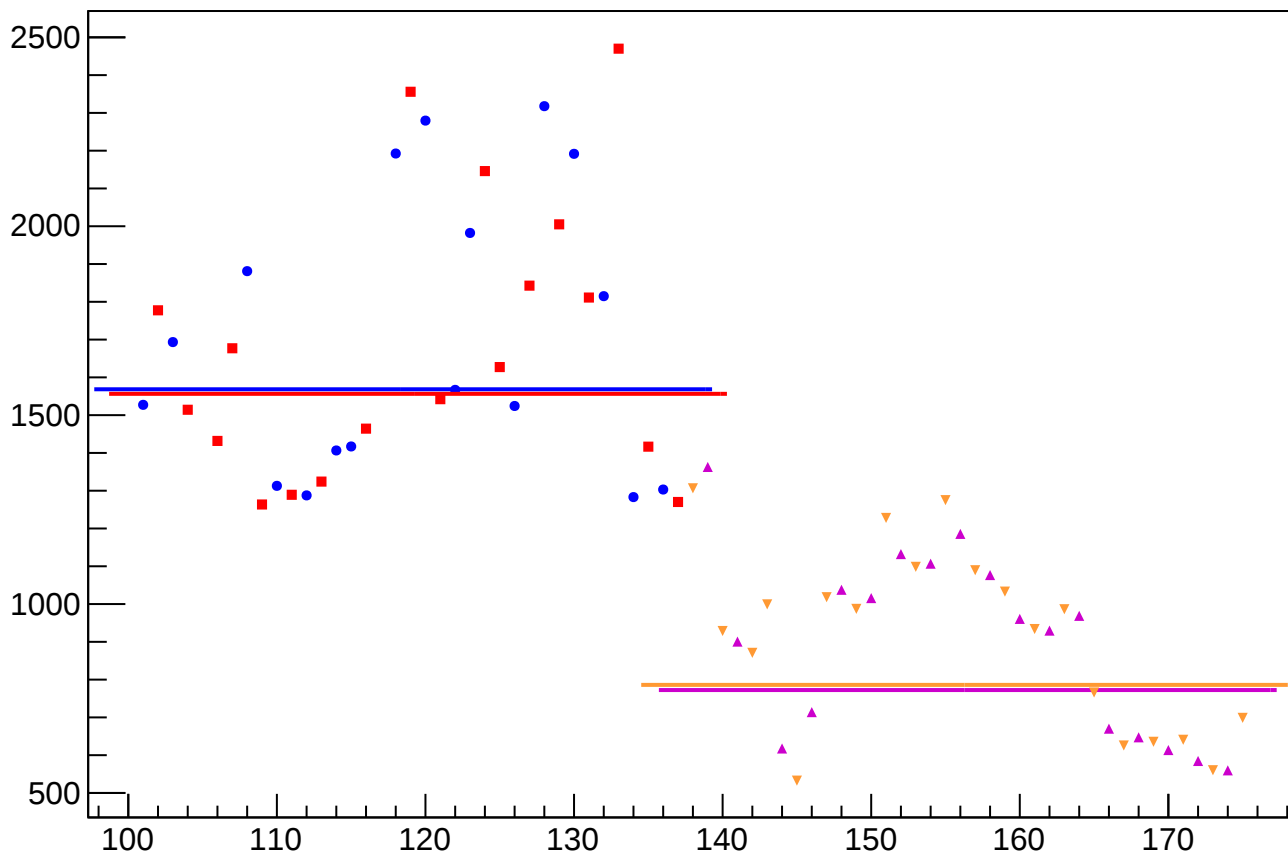
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: 10.354+/-201.836 χ^2/NDF : 45.2/34

Out: -862.597+/-198.272 χ^2/NDF : 95.6/37

All: -433.896+/-141.443 χ^2/NDF : 150.3/72

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 786.065 $\pm$ 0.149 χ^2 /NDF: 2262196.2/19

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 772.379 $\pm$ 0.151 χ^2 /NDF: 2033762.4/17

Left: 779.329 $\pm$ 0.106 χ^2 /NDF: 4300135.6/37

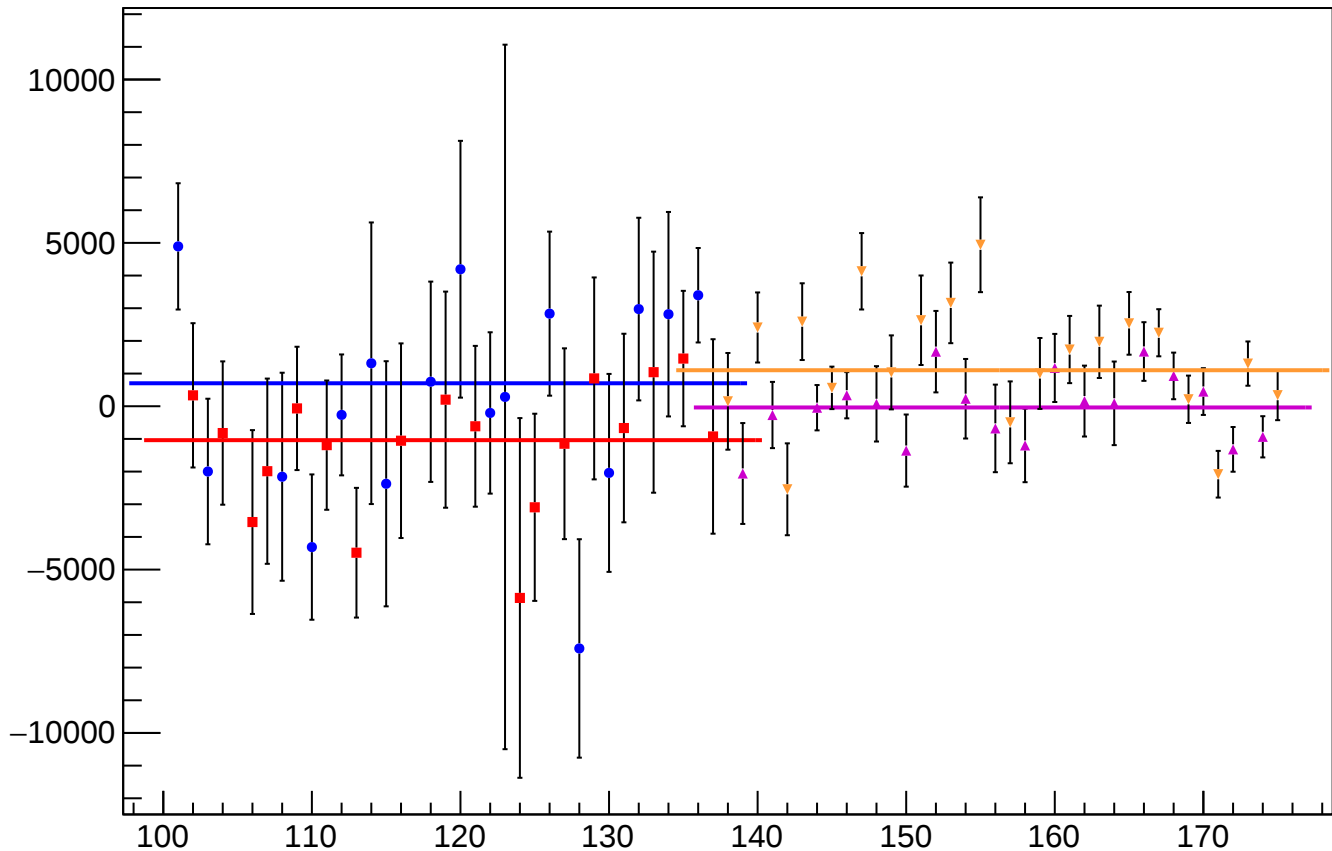
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 856.345 $\pm$ 0.143 χ^2 /NDF: 5503562.3/34

Out: 870.333 $\pm$ 0.140 χ^2 /NDF: 5714026.2/37

All: 863.464 $\pm$ 0.100 χ^2 /NDF: 11222477.1/72

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1102.027+/-212.676 χ^2/NDF : 58.5/19

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -37.517+/-213.727 χ^2/NDF : 19.6/17

Left: 535.064+/-150.755 χ^2/NDF : 92.4/37

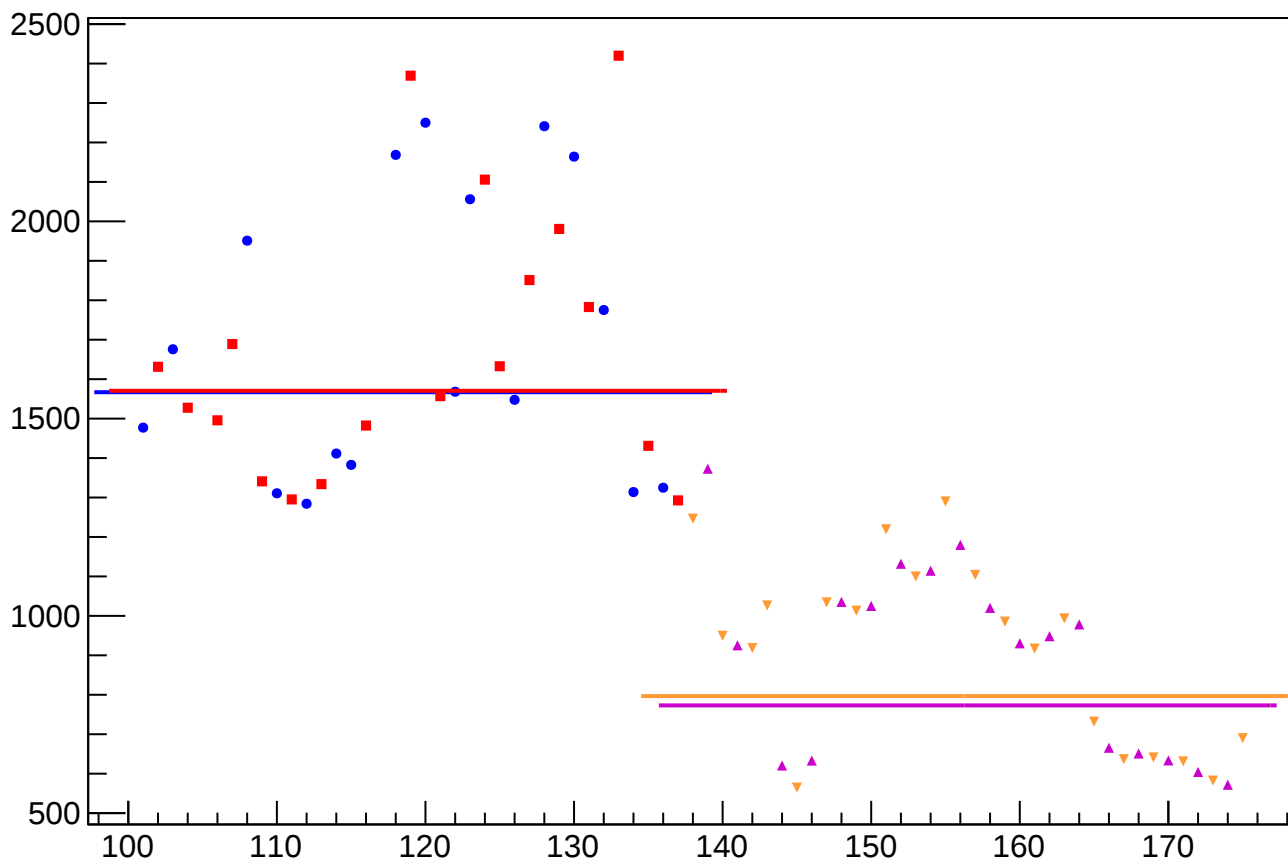
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 41.000+/-202.080 χ^2/NDF : 46.8/34

Out: 866.094+/-200.613 χ^2/NDF : 77.9/37

All: 456.553+/-142.370 χ^2/NDF : 133.1/72

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 796.732 $\pm$ 0.150 χ^2 /NDF: 2087171.3/19

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 773.082 $\pm$ 0.151 χ^2 /NDF: 1970397.6/17

Left: 784.965 $\pm$ 0.107 χ^2 /NDF: 4069874.3/37

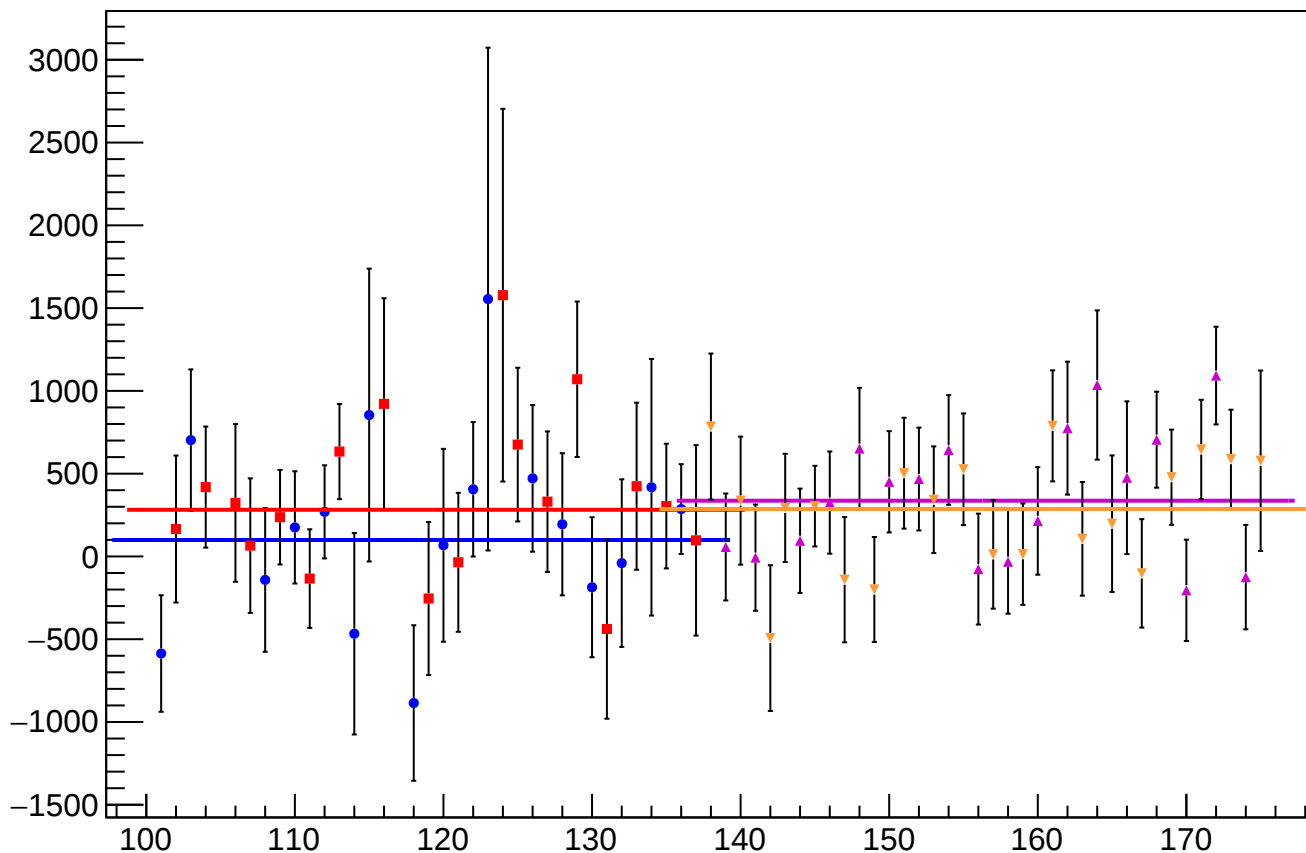
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 857.248 $\pm$ 0.143 χ^2 /NDF: 5395675.1/34

Out: 882.026 $\pm$ 0.142 χ^2 /NDF: 5444886.9/37

All: 869.727 $\pm$ 0.101 χ^2 /NDF: 10855707.1/72

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 286.476 $\pm$ 74.996 χ^2/NDF :17.7/19

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 336.715 $\pm$ 77.634 χ^2/NDF :24.6/17

Left: 310.727 $\pm$ 53.939 χ^2/NDF : 42.5/37

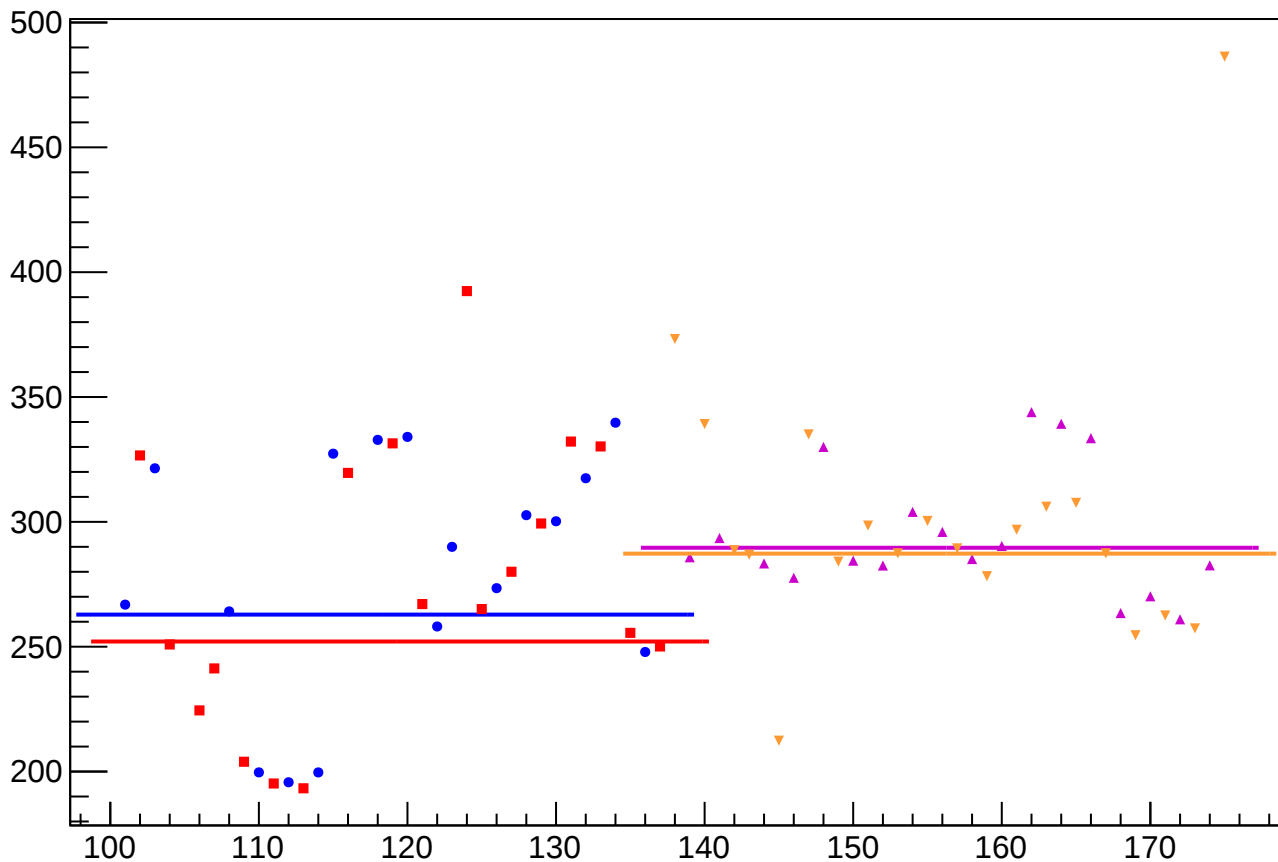
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 251.226 $\pm$ 62.097 χ^2/NDF :43.9/34

Out: 284.757 $\pm$ 59.531 χ^2/NDF :31.4/37

All: 268.698 $\pm$ 42.973 χ^2/NDF : 75.4/72

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.276 ± 0.053 χ^2/NDF : 679123.2/19

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 289.628 ± 0.055 χ^2/NDF : 158295.3/17

Left: 288.412 ± 0.038 χ^2/NDF : 838367.8/37

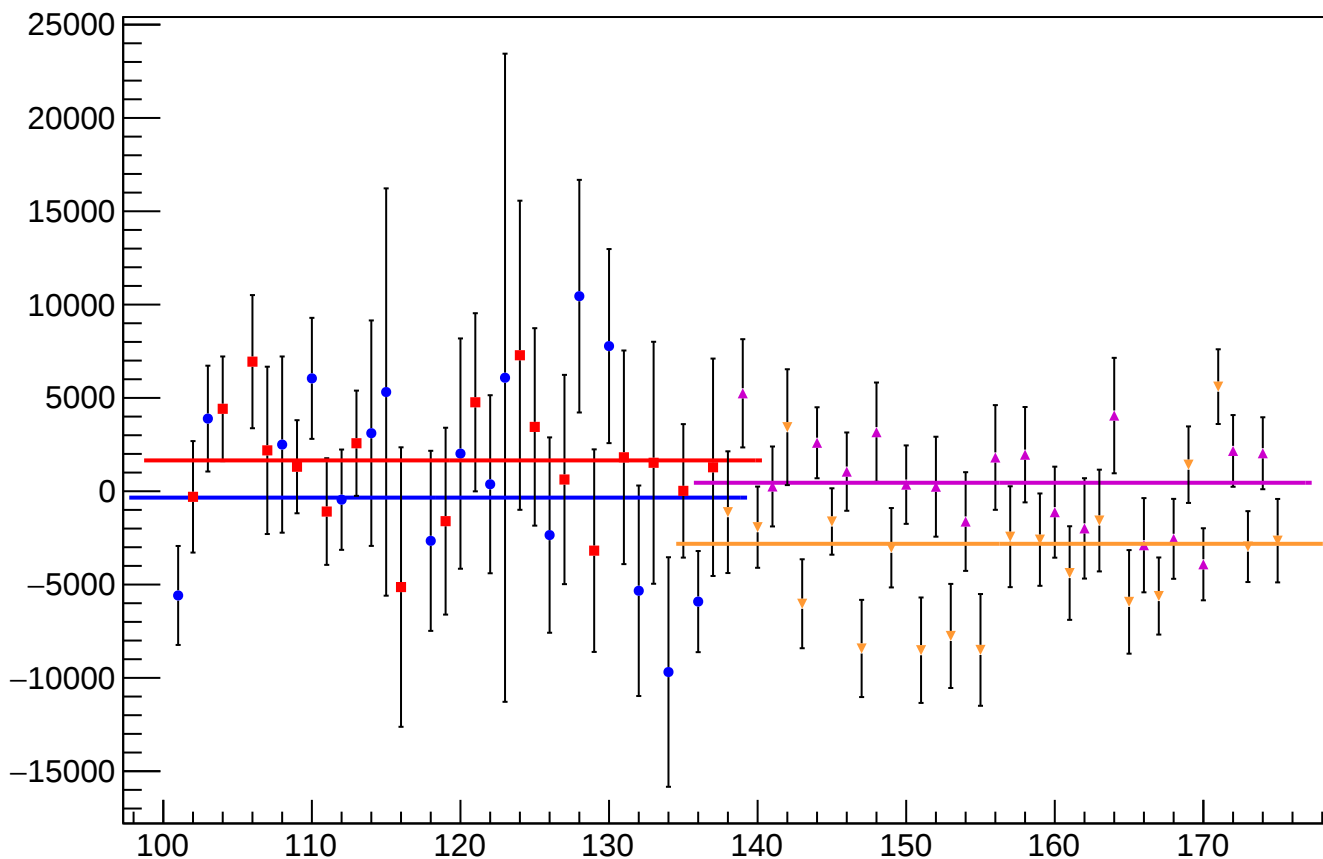
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 279.984 ± 0.044 χ^2/NDF : 655665.1/34

Out: 274.257 ± 0.042 χ^2/NDF : 1357223.6/37

All: 277.000 ± 0.030 χ^2/NDF : 2021755.7/72

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2816.419 ± 530.135 $\chi^2/\text{NDF}: 47.9/19$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 453.882 ± 545.083 $\chi^2/\text{NDF}: 19.2/17$

Left: -1226.723 ± 380.037 $\chi^2/\text{NDF}: 85.7/37$

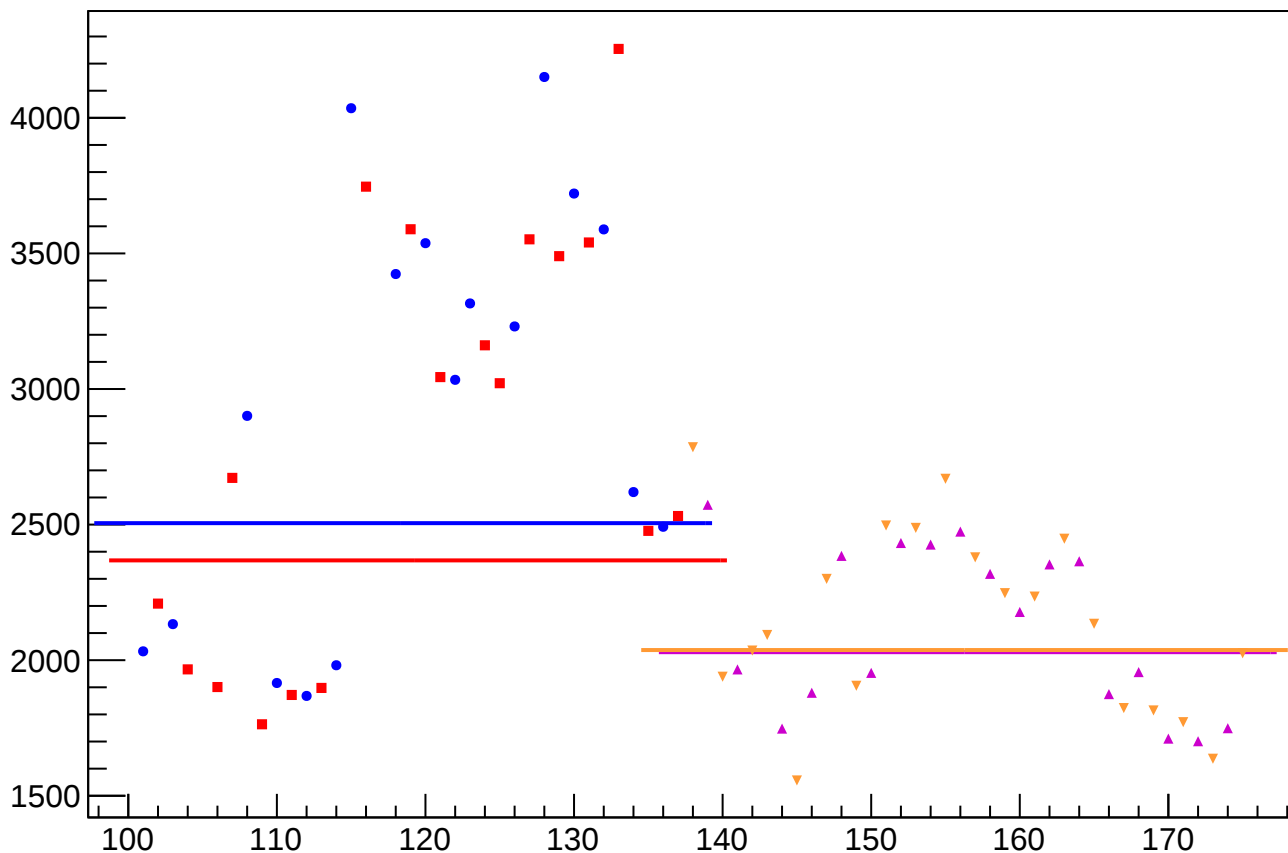
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 272.980 ± 479.106 $\chi^2/\text{NDF}: 44.1/34$

Out: -1720.294 ± 460.545 $\chi^2/\text{NDF}: 73.3/37$

All: -763.015 ± 332.022 $\chi^2/\text{NDF}: 126.4/72$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2037.363+/-0.375 χ^2/NDF : 754664.9/19

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2029.548+/-0.385 χ^2/NDF : 555505.5/17

Left: 2033.564+/-0.269 χ^2/NDF : 1310381.7/37

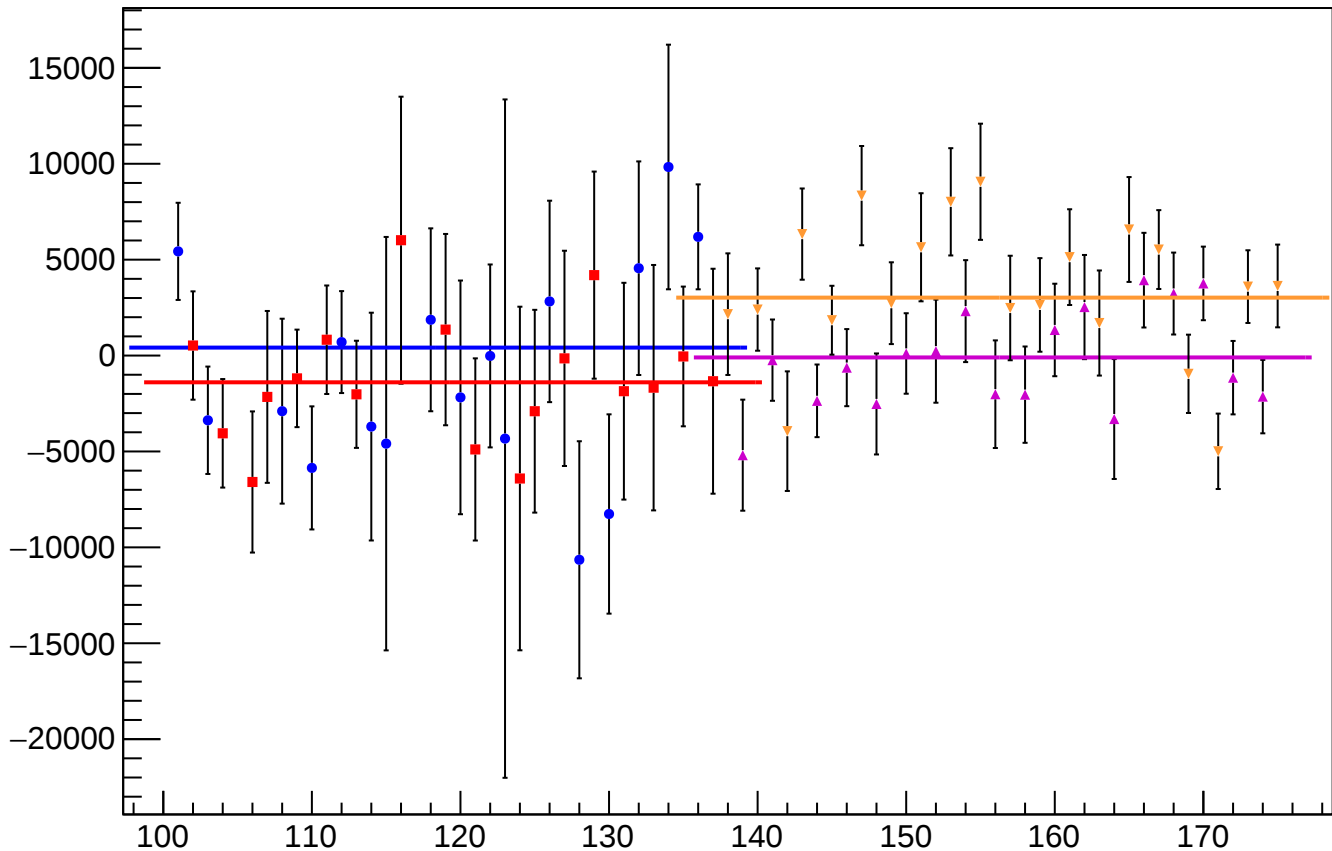
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2137.755+/-0.339 χ^2/NDF : 1766189.2/34

Out: 2118.471+/-0.326 χ^2/NDF : 1976388.8/37

All: 2127.732+/-0.235 χ^2/NDF : 3744262.0/72

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 $\chi^2/\text{NDF}: 24.5/16$

Left Out: 3020.628 ± 527.235 $\chi^2/\text{NDF}: 44.6/19$

Right Out: -1394.660 ± 928.996 $\chi^2/\text{NDF}: 7.5/17$

Left In: -97.748 ± 541.065 $\chi^2/\text{NDF}: 20.3/17$

Left: 1501.803 ± 377.606 $\chi^2/\text{NDF}: 81.9/37$

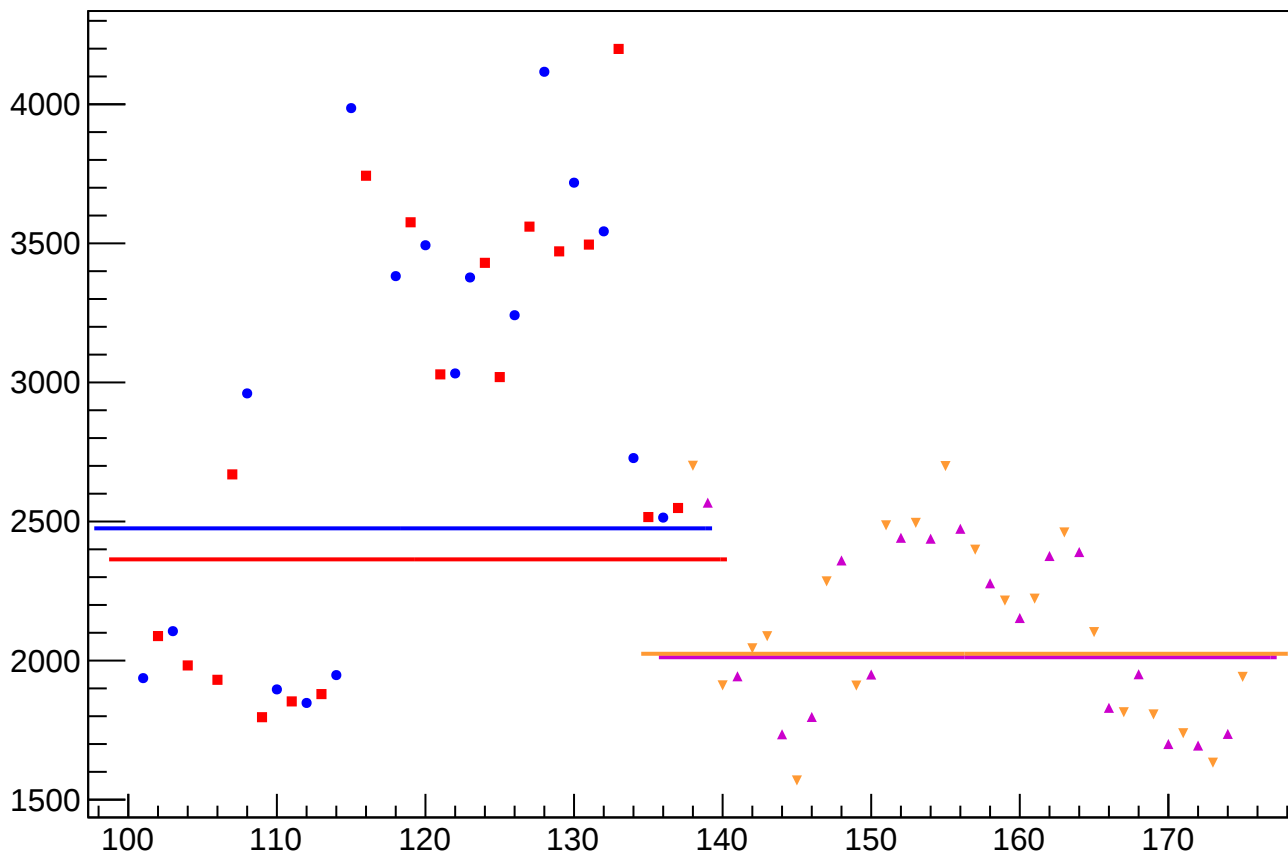
Right: -551.504 ± 679.008 $\chi^2/\text{NDF}: 33.8/34$

In: 19.411 ± 475.322 $\chi^2/\text{NDF}: 45.0/34$

Out: 1944.961 ± 458.536 $\chi^2/\text{NDF}: 69.2/37$

All: 1016.788 ± 330.009 $\chi^2/\text{NDF}: 122.7/72$

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2024.527+/-0.373 χ^2/NDF : 751497.7/19

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2012.045+/-0.383 χ^2/NDF : 591077.5/17

Left: 2018.447+/-0.267 χ^2/NDF : 1343121.1/37

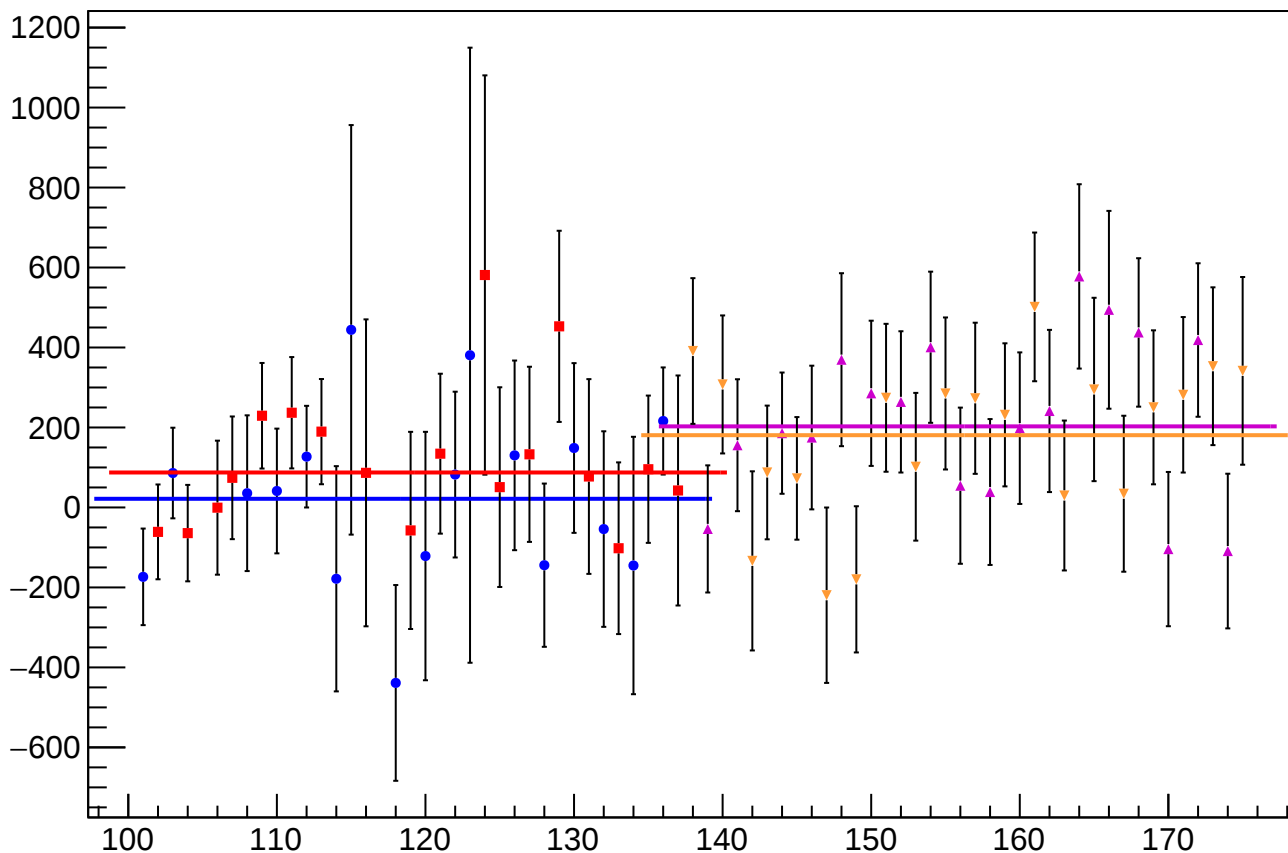
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2117.813+/-0.336 χ^2/NDF : 1838985.4/34

Out: 2107.208+/-0.324 χ^2/NDF : 1980263.0/37

All: 2112.319+/-0.233 χ^2/NDF : 3819764.1/72

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 180.704 $\pm$ 42.327 χ^2 /NDF:19.0/19

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 202.753 $\pm$ 44.024 χ^2 /NDF:18.2/17

Left: 191.295 $\pm$ 30.512 χ^2 /NDF: 37.3/37

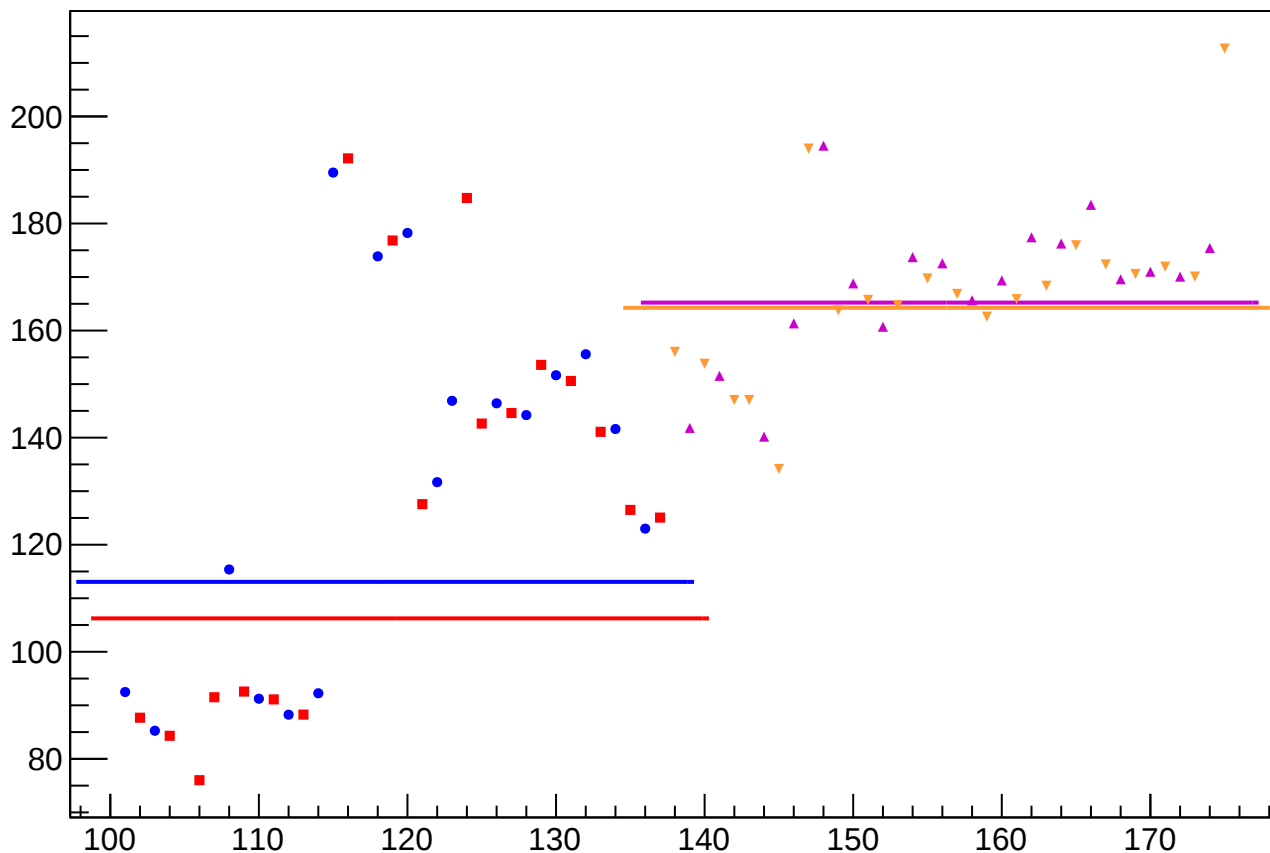
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 114.501 $\pm$ 31.522 χ^2 /NDF:39.0/34

Out: 133.516 $\pm$ 29.751 χ^2 /NDF:32.4/37

All: 124.558 $\pm$ 21.636 χ^2 /NDF: 71.6/72

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 164.252+/-0.030 χ^2/NDF : 262648.4/19

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 165.226+/-0.031 χ^2/NDF : 191707.8/17

Left: 164.720+/-0.022 χ^2/NDF : 454865.3/37

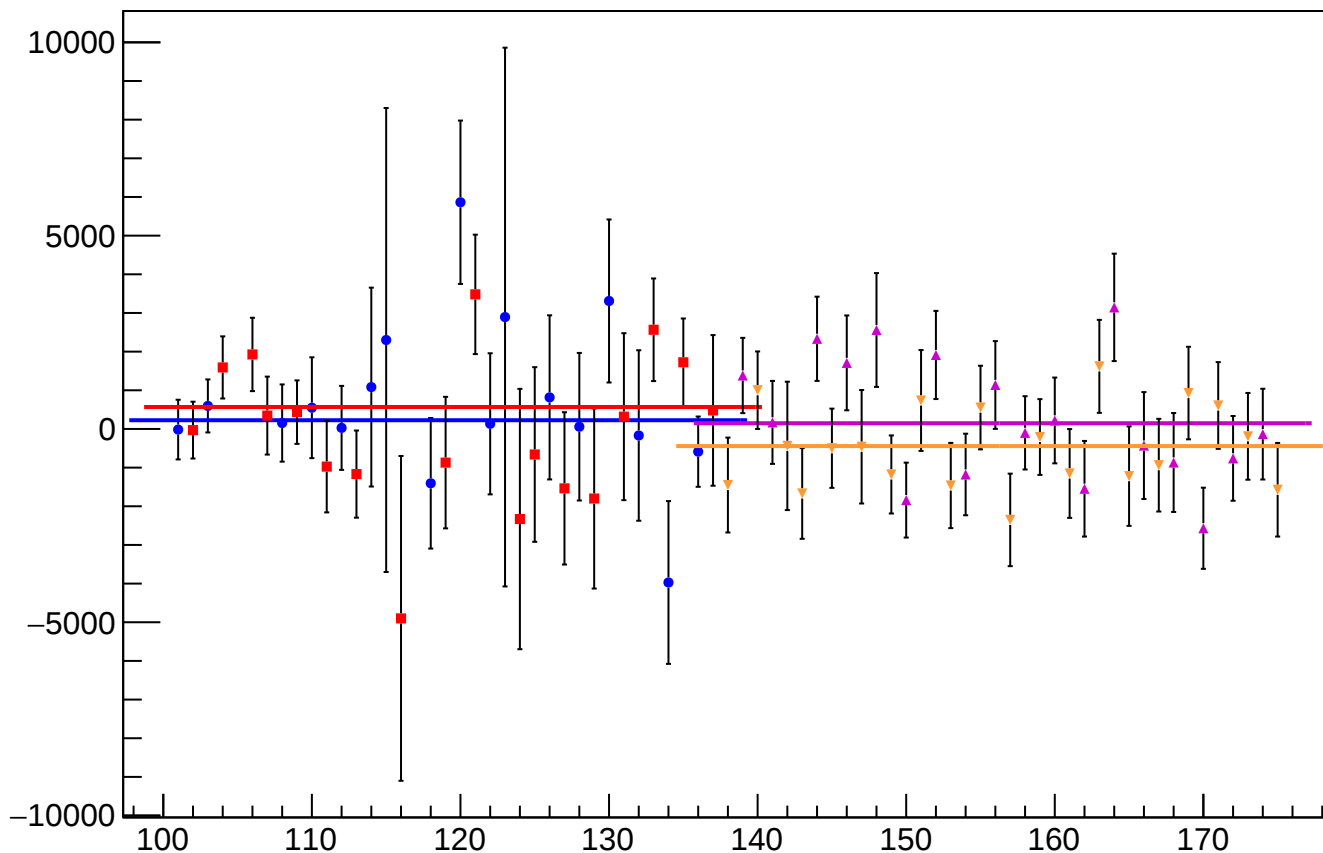
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 139.805+/-0.022 χ^2/NDF : 2381007.0/34

Out: 134.901+/-0.021 χ^2/NDF : 3115115.9/37

All: 137.211+/-0.015 χ^2/NDF : 5521726.4/72

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -442.450 $\pm$ 259.317 χ^2 /NDF:16.5/19

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 148.303 $\pm$ 266.307 χ^2 /NDF:33.7/17

Left: -154.929 $\pm$ 185.787 χ^2 /NDF: 52.7/37

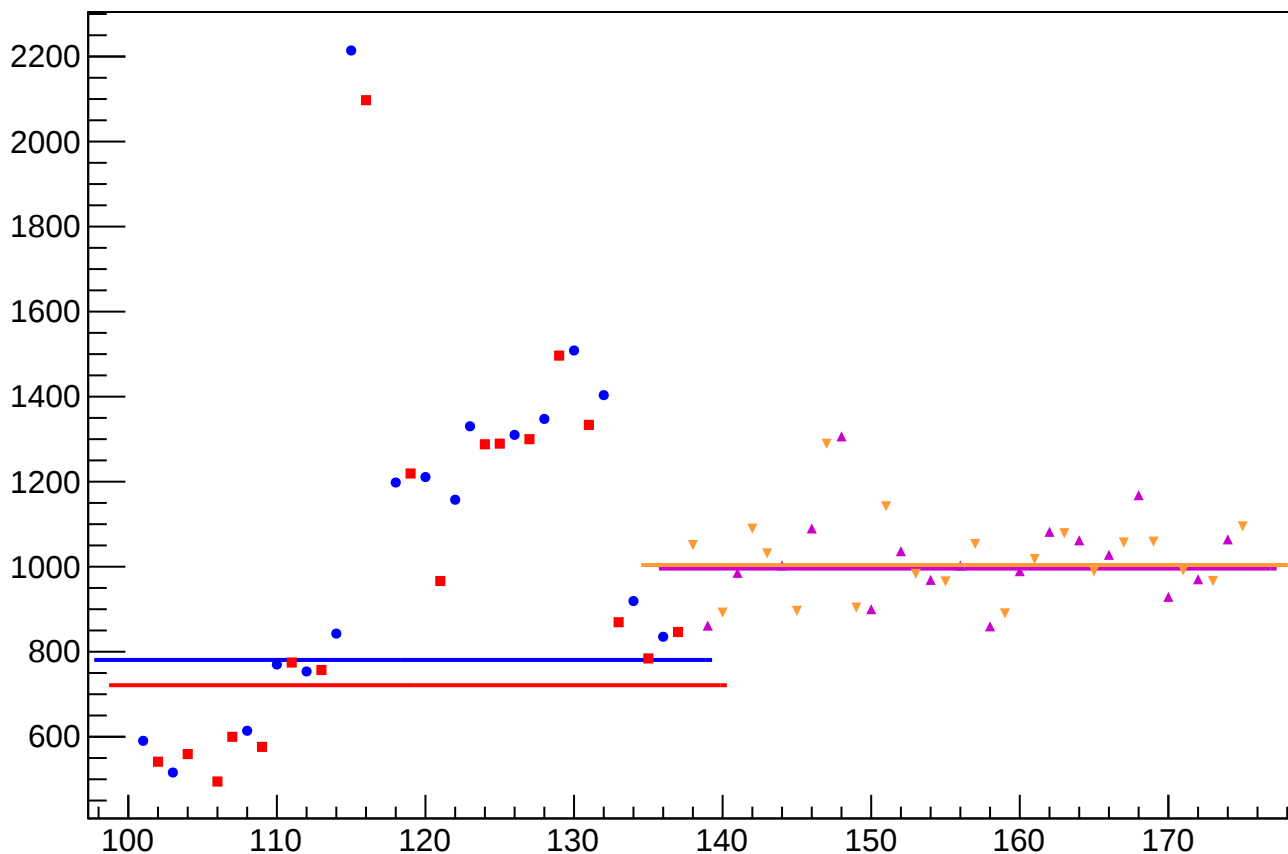
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 179.781 $\pm$ 205.064 χ^2 /NDF:49.7/34

Out: 5.699 $\pm$ 193.454 χ^2 /NDF:44.2/37

All: 87.673 $\pm$ 140.718 χ^2 /NDF: 94.3/72

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1003.956 $\pm$ 0.183 χ^2 /NDF:237718.3/19

Right Out: 721.264 $\pm$ 0.205 χ^2 /NDF: 1626627.9/17

Left In: 995.578 $\pm$ 0.188 χ^2 /NDF:271655.4/17

Left: 999.879 $\pm$ 0.131 χ^2 /NDF: 510389.7/37

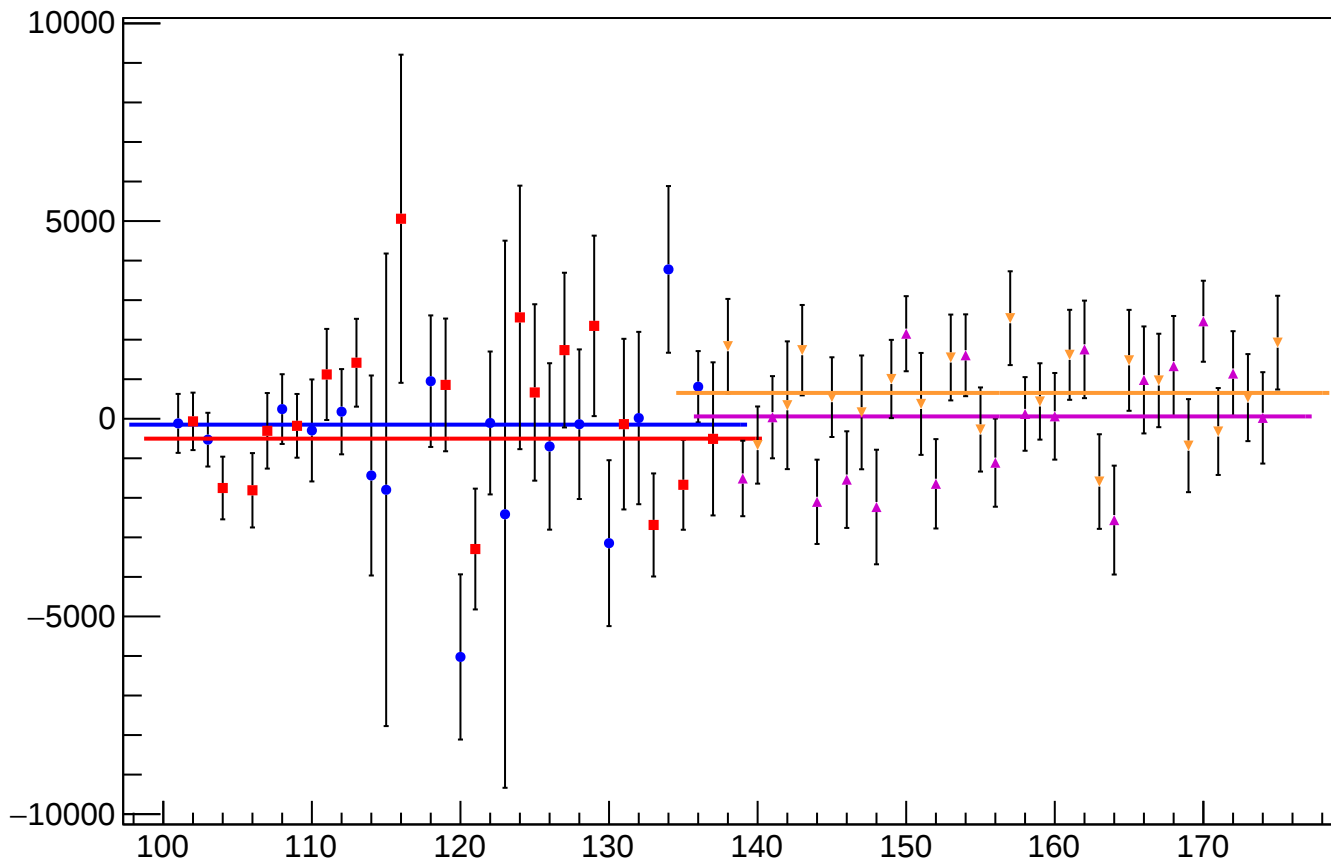
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 908.111 $\pm$ 0.145 χ^2 /NDF:2411200.2/34

Out: 878.591 $\pm$ 0.137 χ^2 /NDF:2918386.5/37

All: 892.492 $\pm$ 0.100 χ^2 /NDF: 5351515.1/72

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 653.284 ± 254.903 χ^2/NDF : 16.0/19

Right Out: -503.162 ± 285.781 χ^2/NDF : 23.6/17

Left In: 58.763 ± 261.797 χ^2/NDF : 35.0/17

Left: 363.954 ± 182.632 χ^2/NDF : 53.7/37

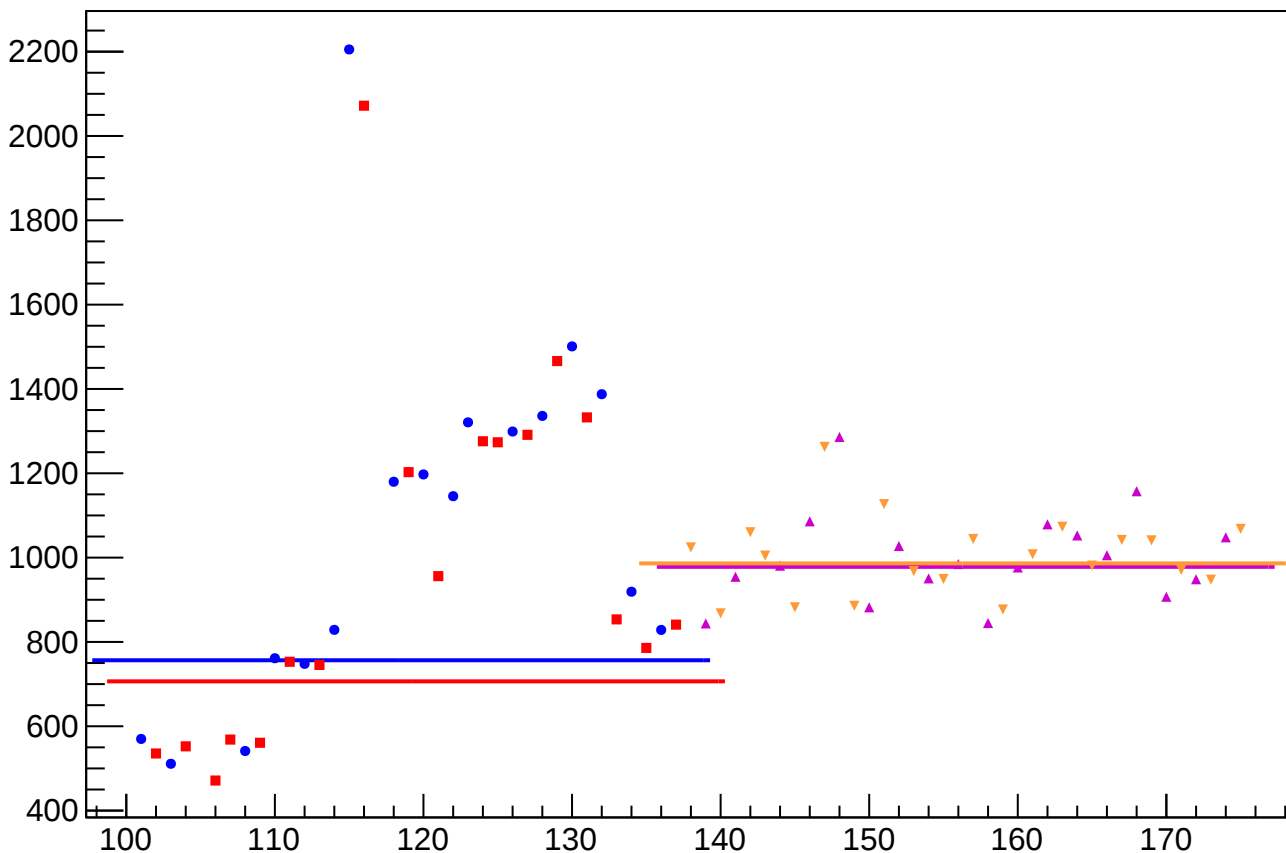
Right: -342.200 ± 211.034 χ^2/NDF : 40.4/34

In: -26.835 ± 200.804 χ^2/NDF : 51.4/34

Out: 140.889 ± 190.227 χ^2/NDF : 48.8/37

All: 61.560 ± 138.099 χ^2/NDF : 100.5/72

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 986.333 $\pm$ 0.180 χ^2 /NDF: 241543.0/19

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 978.158 $\pm$ 0.185 χ^2 /NDF: 291767.3/17

Left: 982.355 $\pm$ 0.129 χ^2 /NDF: 534311.5/37

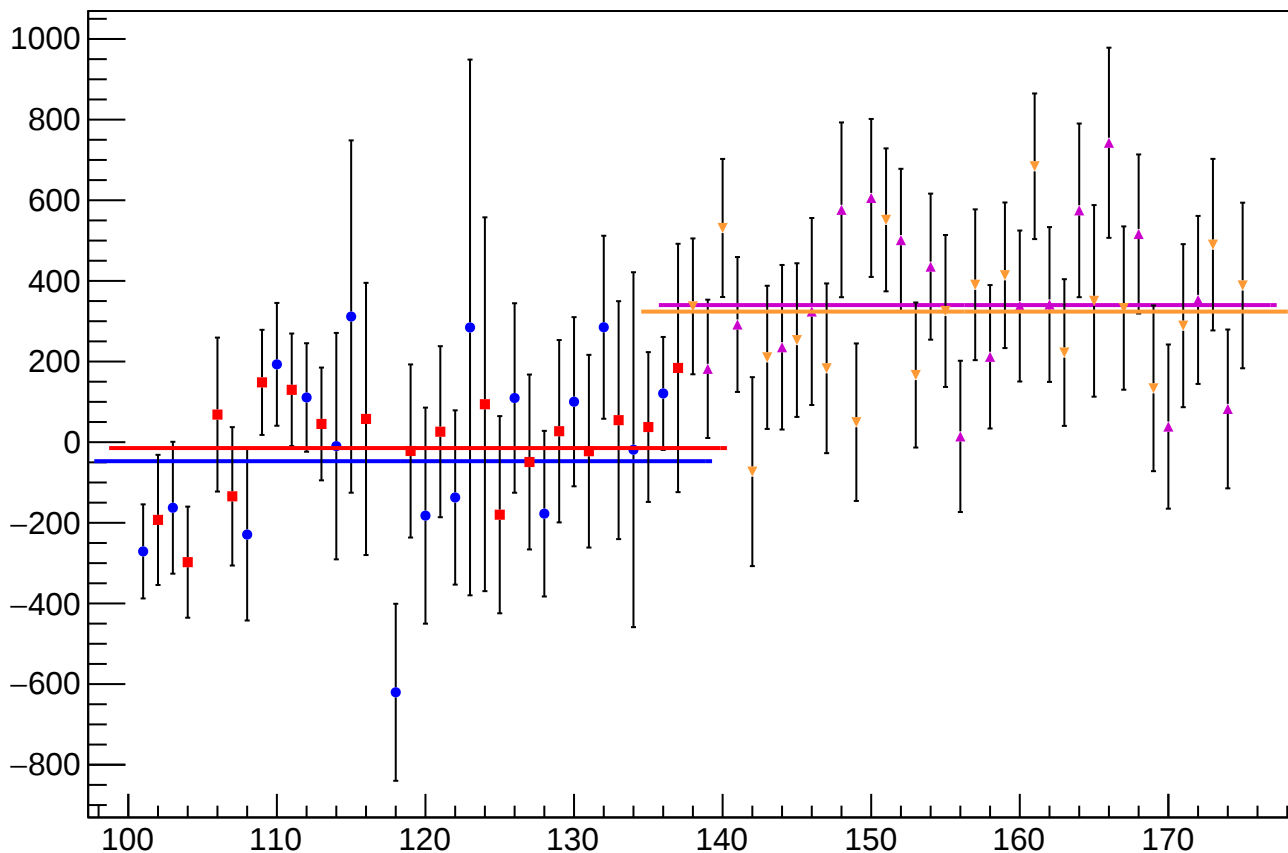
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 886.922 $\pm$ 0.142 χ^2 /NDF: 2595438.8/34

Out: 862.368 $\pm$ 0.135 χ^2 /NDF: 2979135.8/37

All: 873.981 $\pm$ 0.098 χ^2 /NDF: 5590335.5/72

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 323.854 ± 42.927 $\chi^2/\text{NDF}: 16.0/19$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 340.023 ± 45.836 $\chi^2/\text{NDF}: 17.7/17$

Left: 331.409 ± 31.332 $\chi^2/\text{NDF}: 33.7/37$

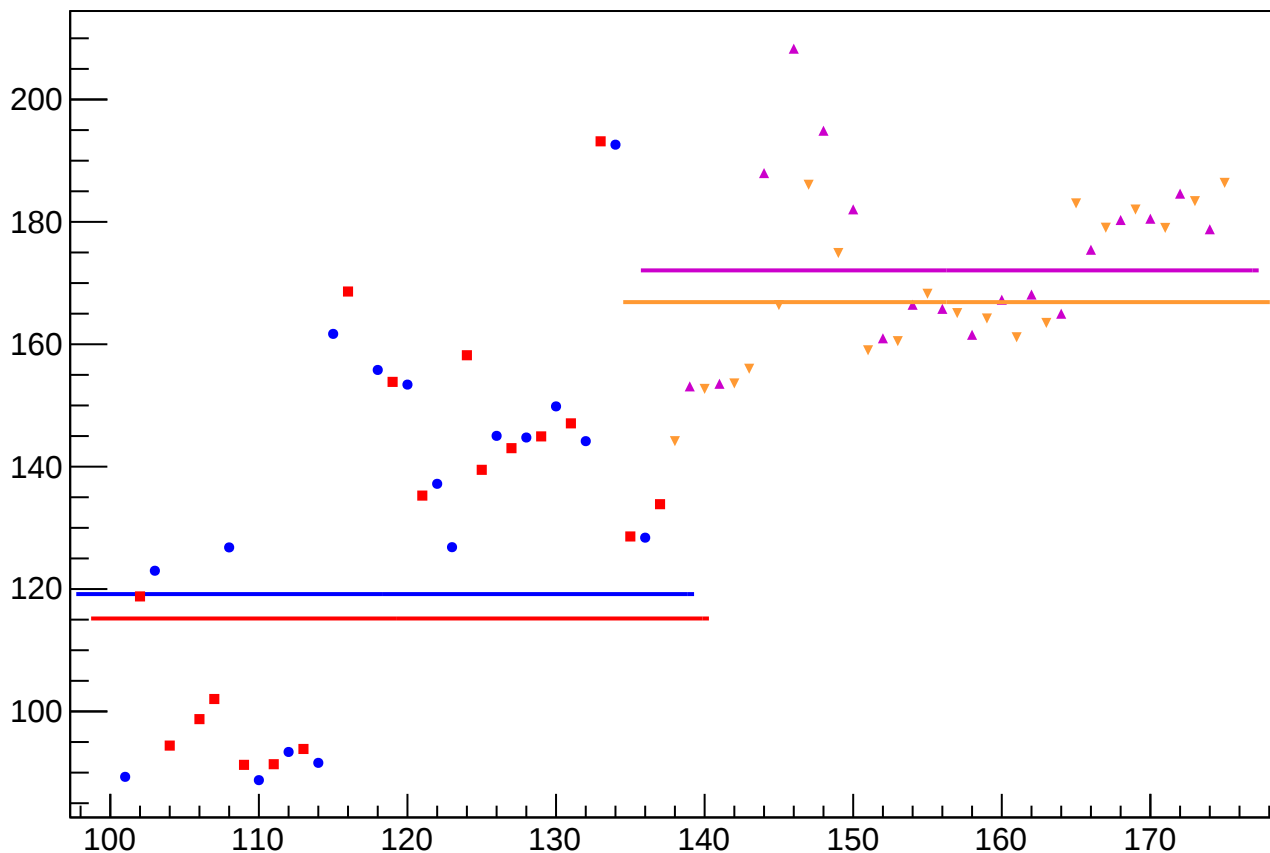
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 152.388 ± 32.906 $\chi^2/\text{NDF}: 74.1/34$

Out: 162.027 ± 31.011 $\chi^2/\text{NDF}: 55.9/37$

All: 157.493 ± 22.568 $\chi^2/\text{NDF}: 130.0/72$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 166.888 $\pm$ 0.030 χ^2/NDF :158455.1/19

Right Out: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 172.073 $\pm$ 0.032 χ^2/NDF :177548.6/17

Left: 169.311 $\pm$ 0.022 χ^2/NDF : 349638.3/37

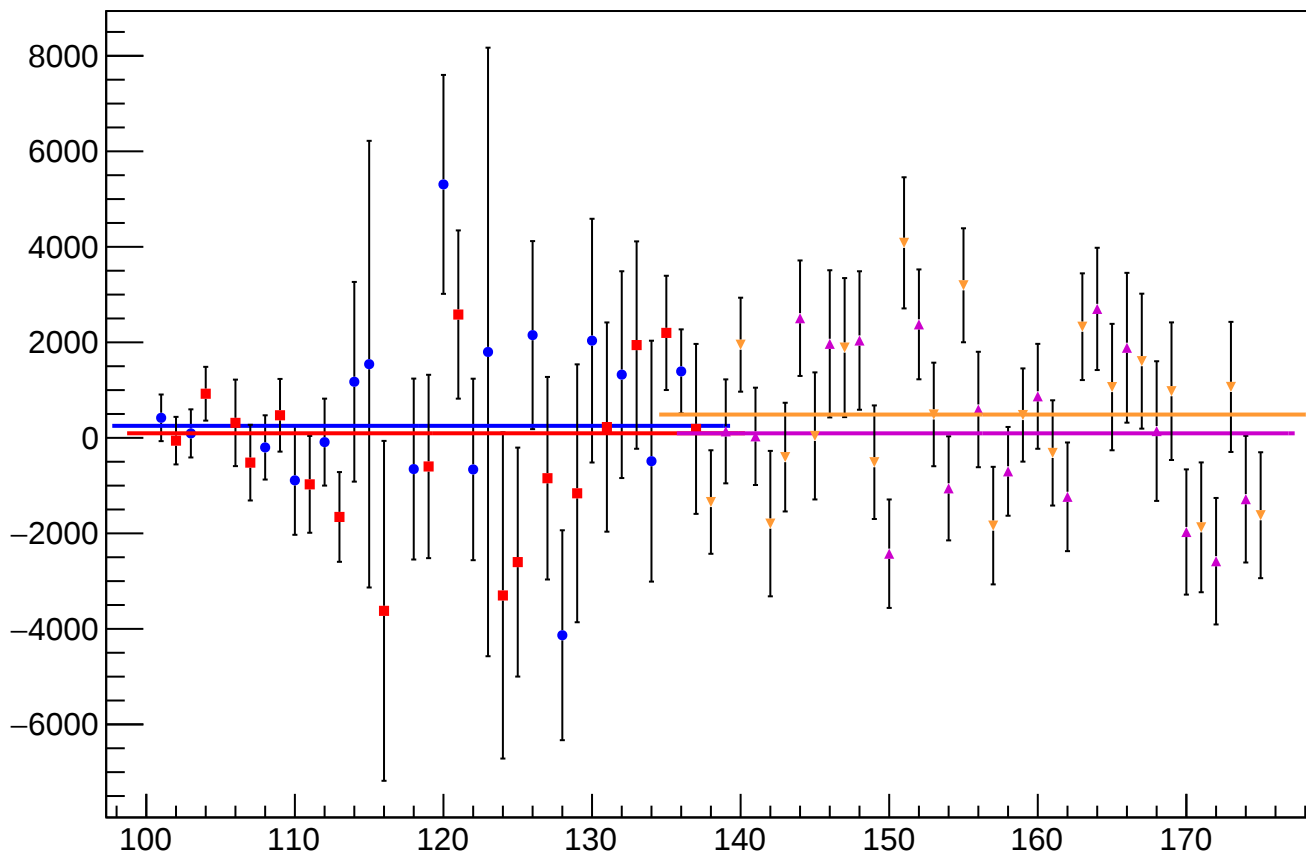
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 146.438 $\pm$ 0.023 χ^2/NDF :2083755.2/34

Out: 142.170 $\pm$ 0.022 χ^2/NDF :2221071.0/37

All: 144.177 $\pm$ 0.016 χ^2/NDF : 4322646.4/72

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2 /NDF: 14.9/16

Left Out: 488.263 $\pm$ 272.597 χ^2 /NDF:35.2/19

Right Out: 95.805 $\pm$ 245.748 χ^2 /NDF: 17.5/17

Left In: 94.869 $\pm$ 283.900 χ^2 /NDF:33.1/17

Left: 299.553 $\pm$ 196.630 χ^2 /NDF: 69.3/37

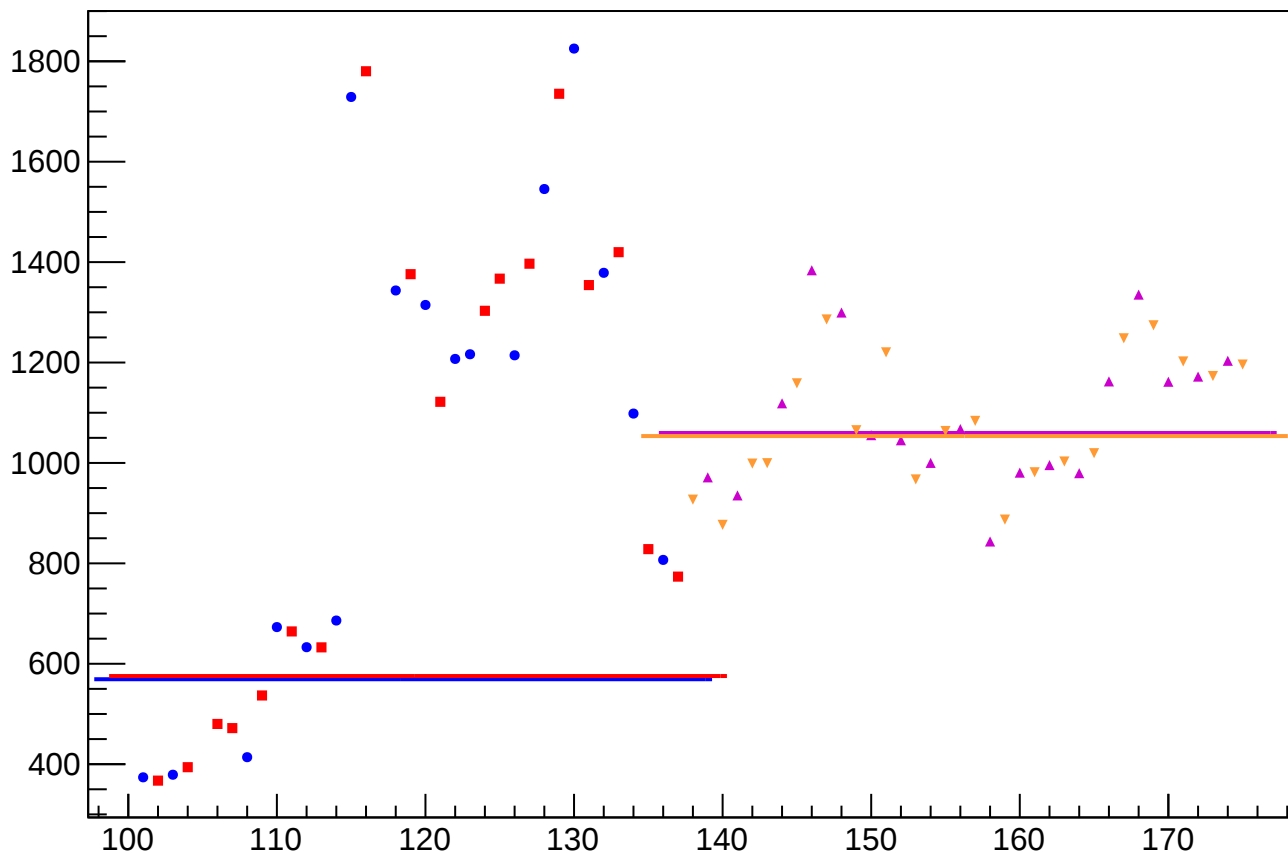
Right: 171.557 $\pm$ 176.217 χ^2 /NDF: 32.5/34

In: 182.354 $\pm$ 188.806 χ^2 /NDF:48.1/34

Out: 271.759 $\pm$ 182.526 χ^2 /NDF:53.8/37

All: 228.568 $\pm$ 131.230 χ^2 /NDF: 102.0/72

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1053.532 $\pm$ 0.193 χ^2 /NDF: 425796.9/19

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1059.651 $\pm$ 0.201 χ^2 /NDF: 459528.2/17

Left: 1056.467 $\pm$ 0.139 χ^2 /NDF: 885808.5/37

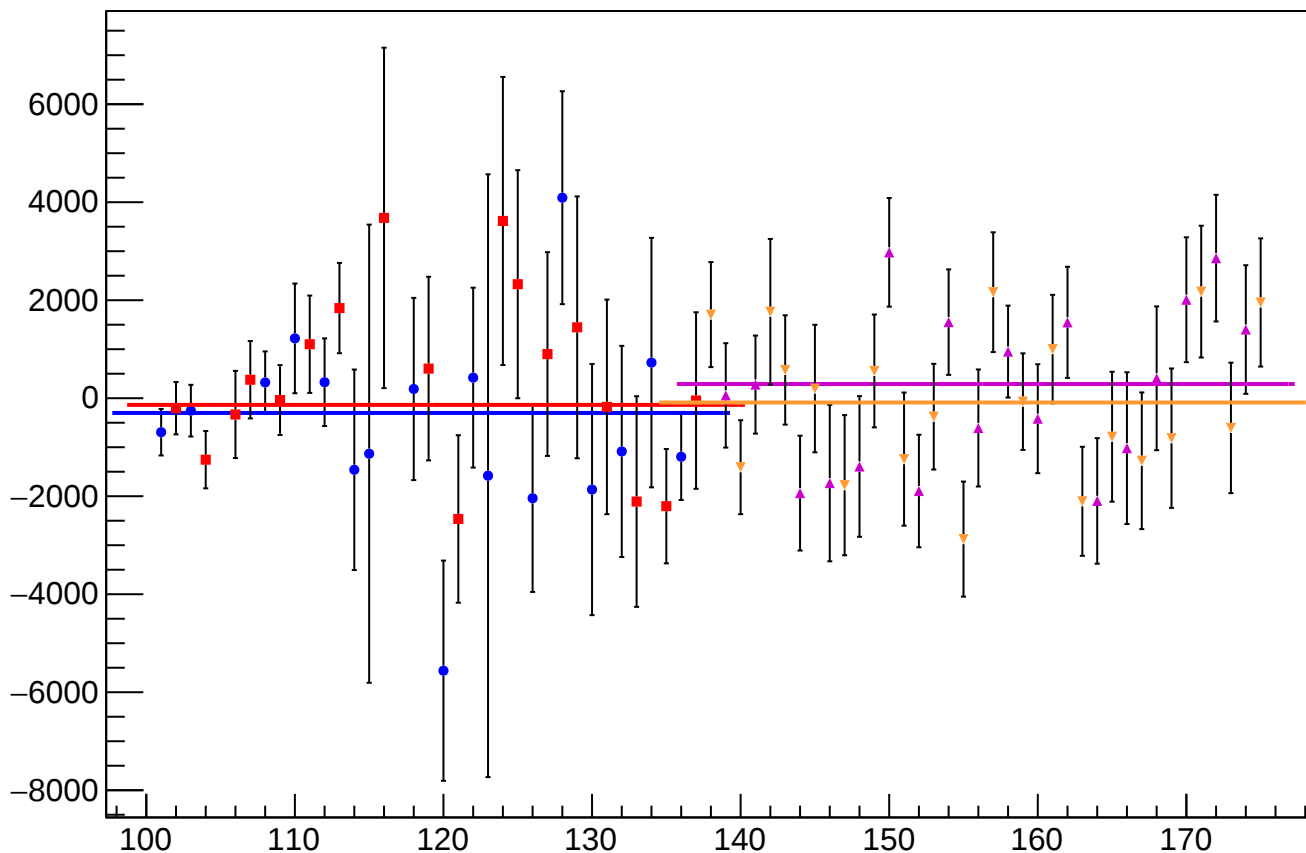
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 786.119 $\pm$ 0.134 χ^2 /NDF: 7055494.9/34

Out: 789.867 $\pm$ 0.129 χ^2 /NDF: 6875800.0/37

All: 788.056 $\pm$ 0.093 χ^2 /NDF: 13931702.3/72

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -87.639 ± 269.392 $\chi^2/\text{NDF}: 29.1/19$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 289.801 ± 281.347 $\chi^2/\text{NDF}: 30.9/17$

Left: 92.892 ± 194.578 $\chi^2/\text{NDF}: 60.9/37$

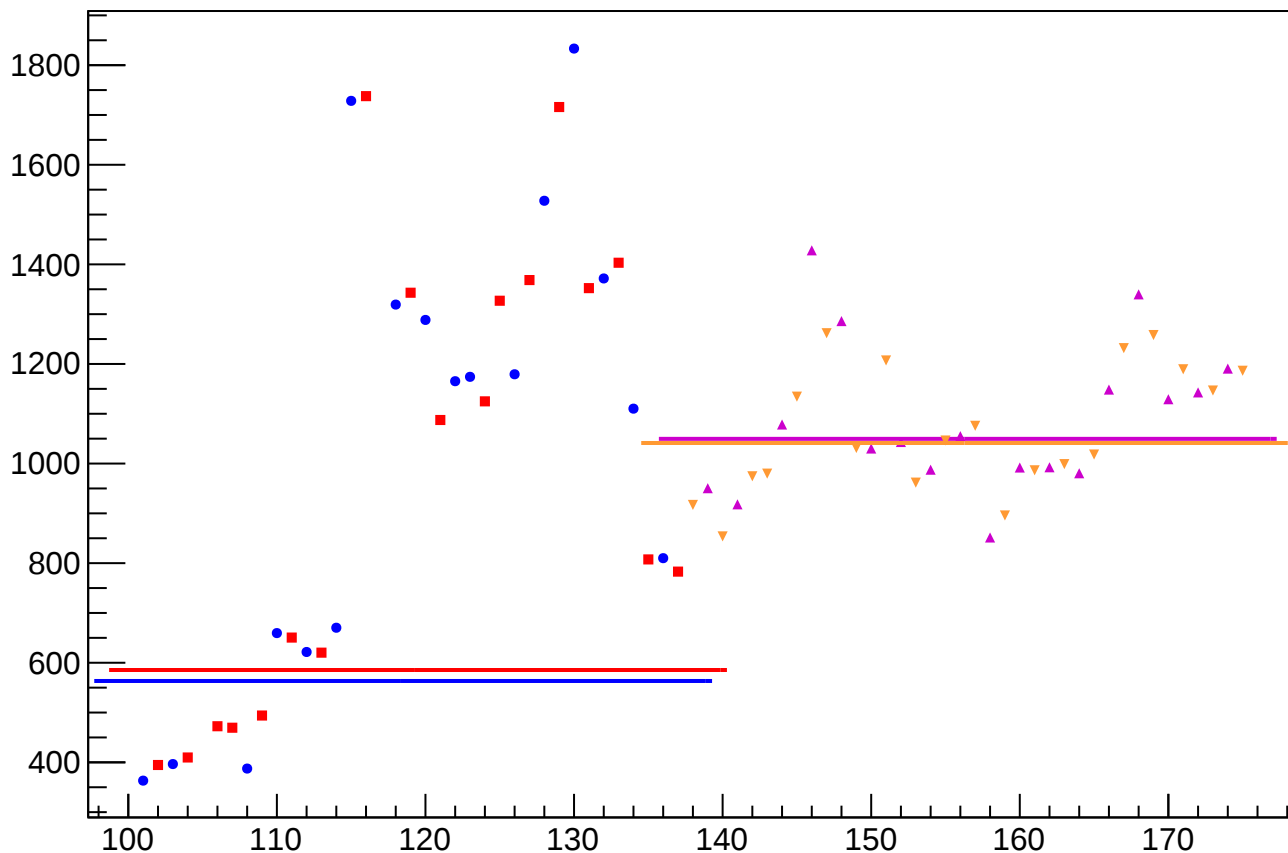
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -39.787 ± 187.007 $\chi^2/\text{NDF}: 50.0/34$

Out: -113.903 ± 182.334 $\chi^2/\text{NDF}: 50.0/37$

All: -77.783 ± 130.551 $\chi^2/\text{NDF}: 100.1/72$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1041.307 $\pm$ 0.190 χ^2 /NDF: 411042.1/19

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1049.620 $\pm$ 0.199 χ^2 /NDF: 460185.5/17

Left: 1045.283 $\pm$ 0.138 χ^2 /NDF: 872138.6/37

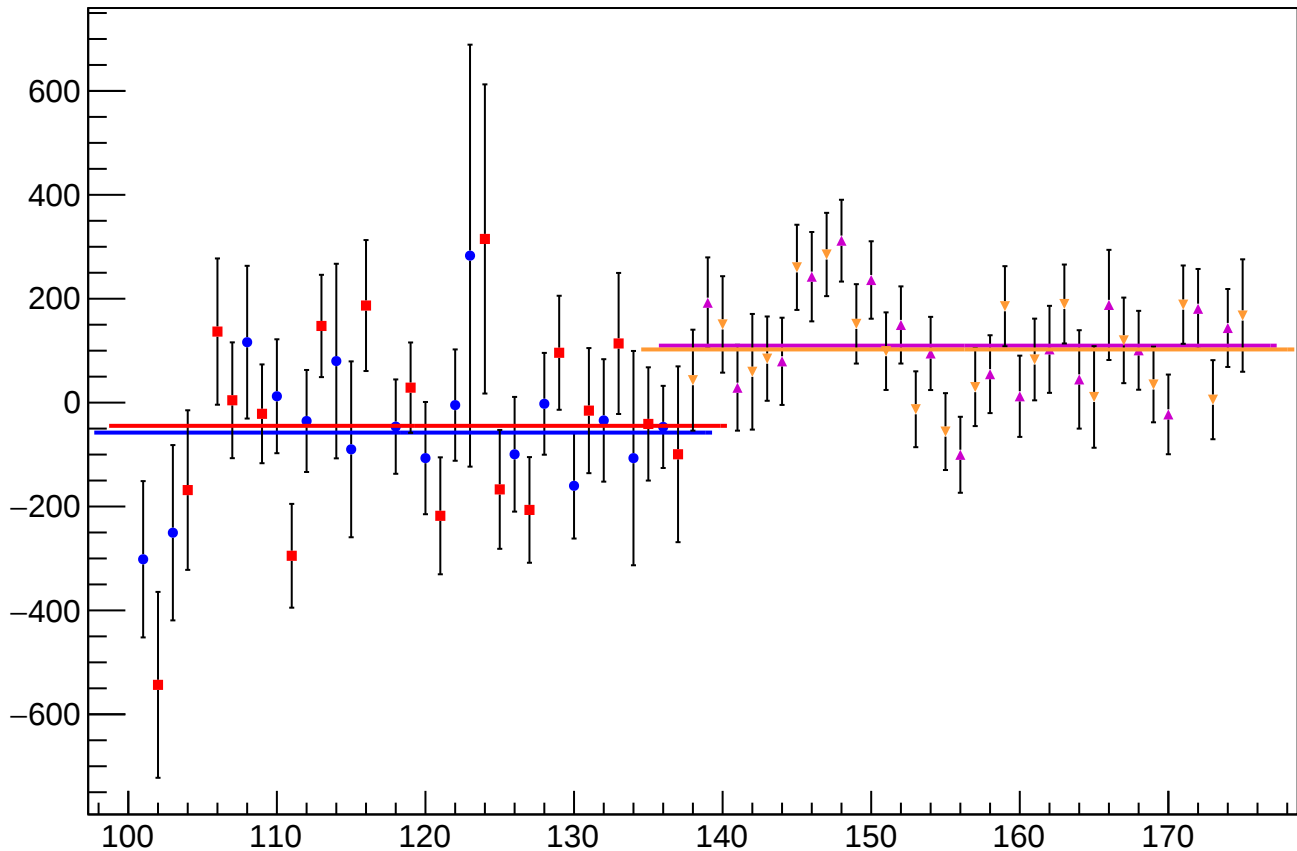
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 778.211 $\pm$ 0.132 χ^2 /NDF: 7053569.3/34

Out: 794.275 $\pm$ 0.129 χ^2 /NDF: 6332695.4/37

All: 786.446 $\pm$ 0.092 χ^2 /NDF: 13393830.6/72

dit_asym_sam7_mean vs Slug, Sign Corrected



Left: 105.879 ± 13.045 χ^2/NDF : 55.4/37

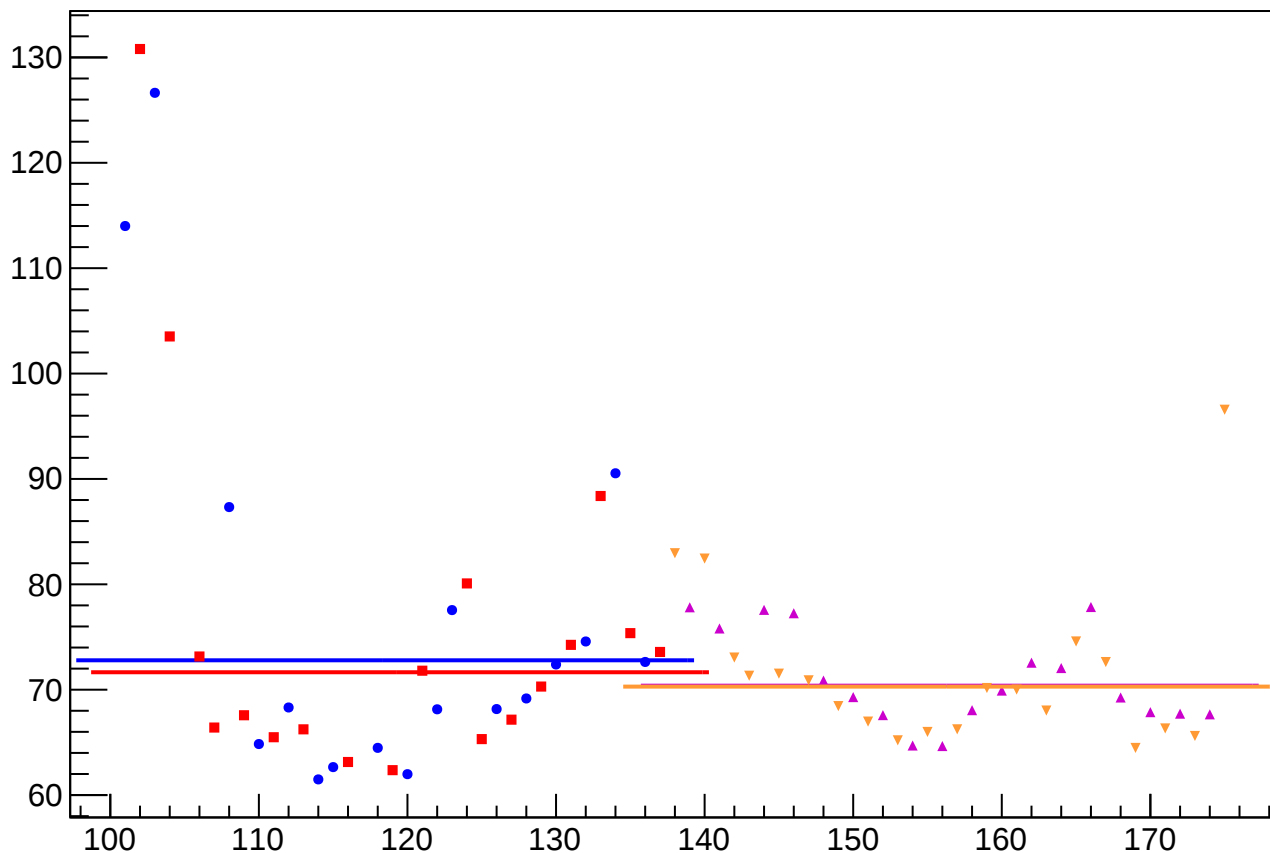
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 59.538 ± 15.702 χ^2/NDF : 62.6/34

Out: 58.197 ± 15.184 χ^2/NDF : 80.7/37

All: 58.845 ± 10.915 χ^2/NDF : 143.2/72

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 70.293 $\pm$ 0.013 χ^2 /NDF: 248792.9/19

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 70.382 $\pm$ 0.013 χ^2 /NDF: 100722.7/17

Left: 70.336 $\pm$ 0.009 χ^2 /NDF: 349538.6/37

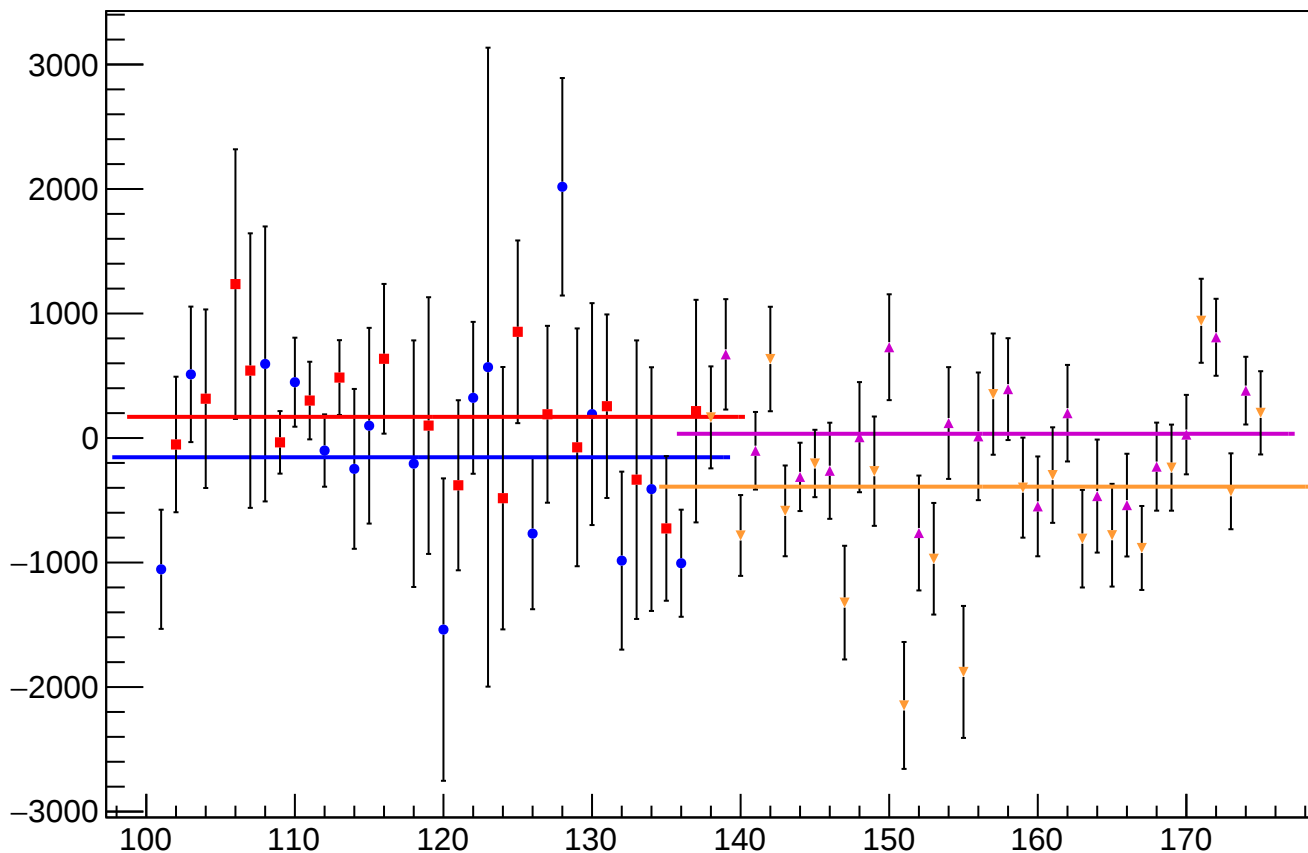
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 71.103 $\pm$ 0.011 χ^2 /NDF: 575363.5/34

Out: 70.702 $\pm$ 0.011 χ^2 /NDF: 656550.4/37

All: 70.896 $\pm$ 0.008 χ^2 /NDF: 1232587.0/72

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -390.650 $\pm$ 84.531 χ^2/NDF : 61.2/19

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: 34.114 $\pm$ 87.410 χ^2/NDF : 24.8/17

Left: -185.378 $\pm$ 60.765 χ^2/NDF : 98.2/37

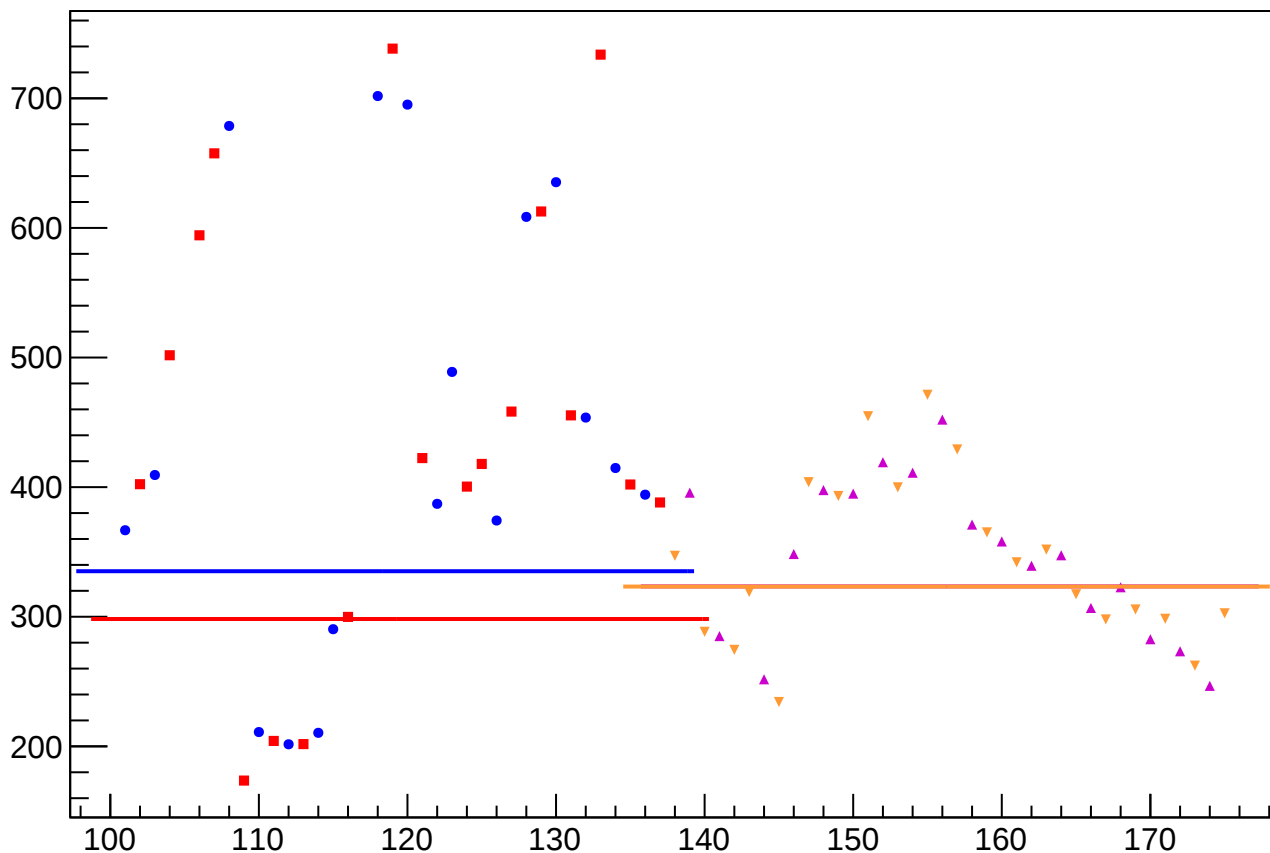
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -18.383 $\pm$ 74.248 χ^2/NDF : 49.3/34

Out: -217.044 $\pm$ 70.235 χ^2/NDF : 83.2/37

All: -123.227 $\pm$ 51.024 χ^2/NDF : 136.3/72

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 323.291 $\pm$ 0.060 χ^2 /NDF: 981131.2/19

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 323.407 $\pm$ 0.062 χ^2 /NDF: 928897.2/17

Left: 323.347 $\pm$ 0.043 χ^2 /NDF: 1910030.2/37

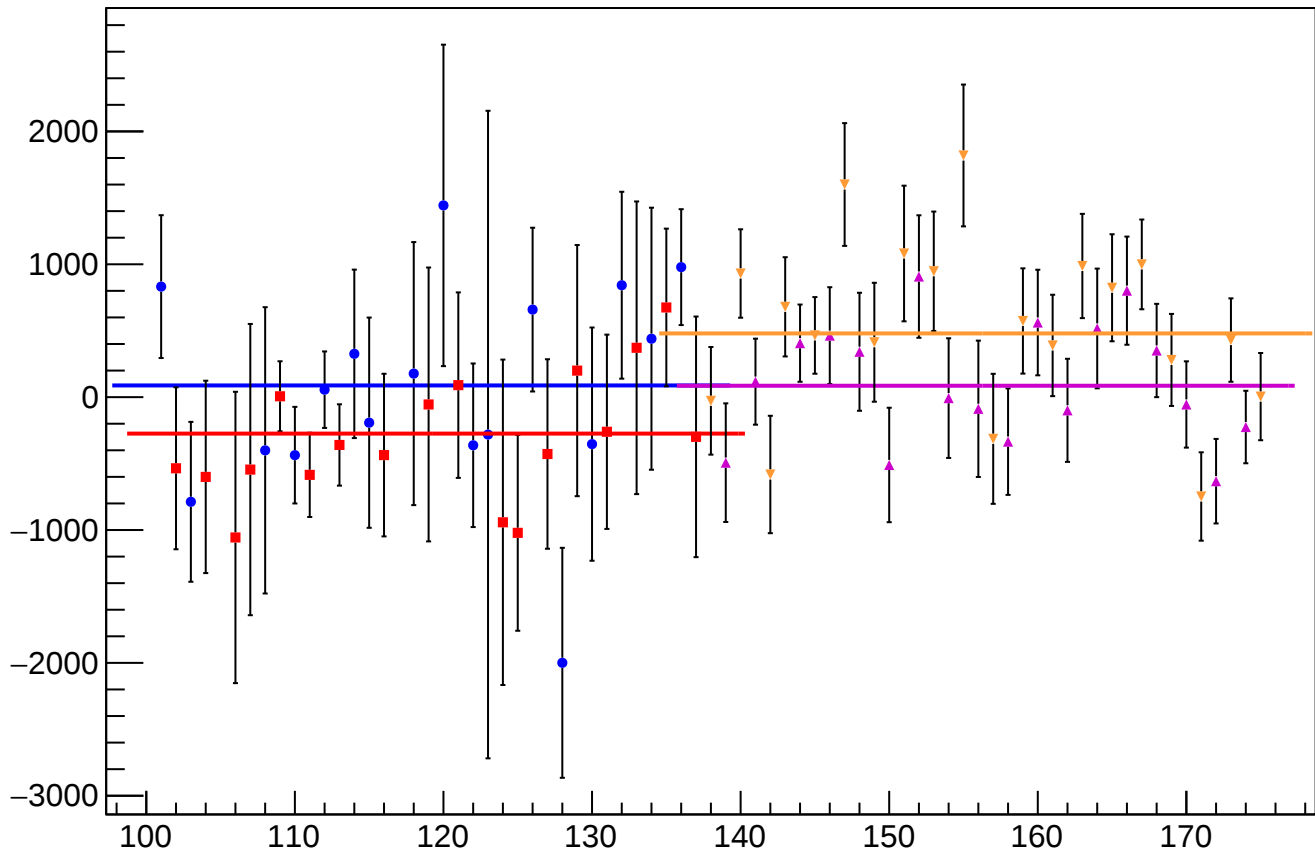
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 326.673 $\pm$ 0.053 χ^2 /NDF: 2932967.2/34

Out: 315.538 $\pm$ 0.050 χ^2 /NDF: 3812016.0/37

All: 320.797 $\pm$ 0.036 χ^2 /NDF: 6768720.0/72

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 ± 143.018 χ^2/NDF : 20.8/16

Left Out: 479.628 ± 85.409 χ^2/NDF : 47.7/19

Right Out: -274.340 ± 129.866 χ^2/NDF : 8.0/17

Left In: 85.850 ± 88.075 χ^2/NDF : 23.5/17

Left: 288.789 ± 61.314 χ^2/NDF : 81.5/37

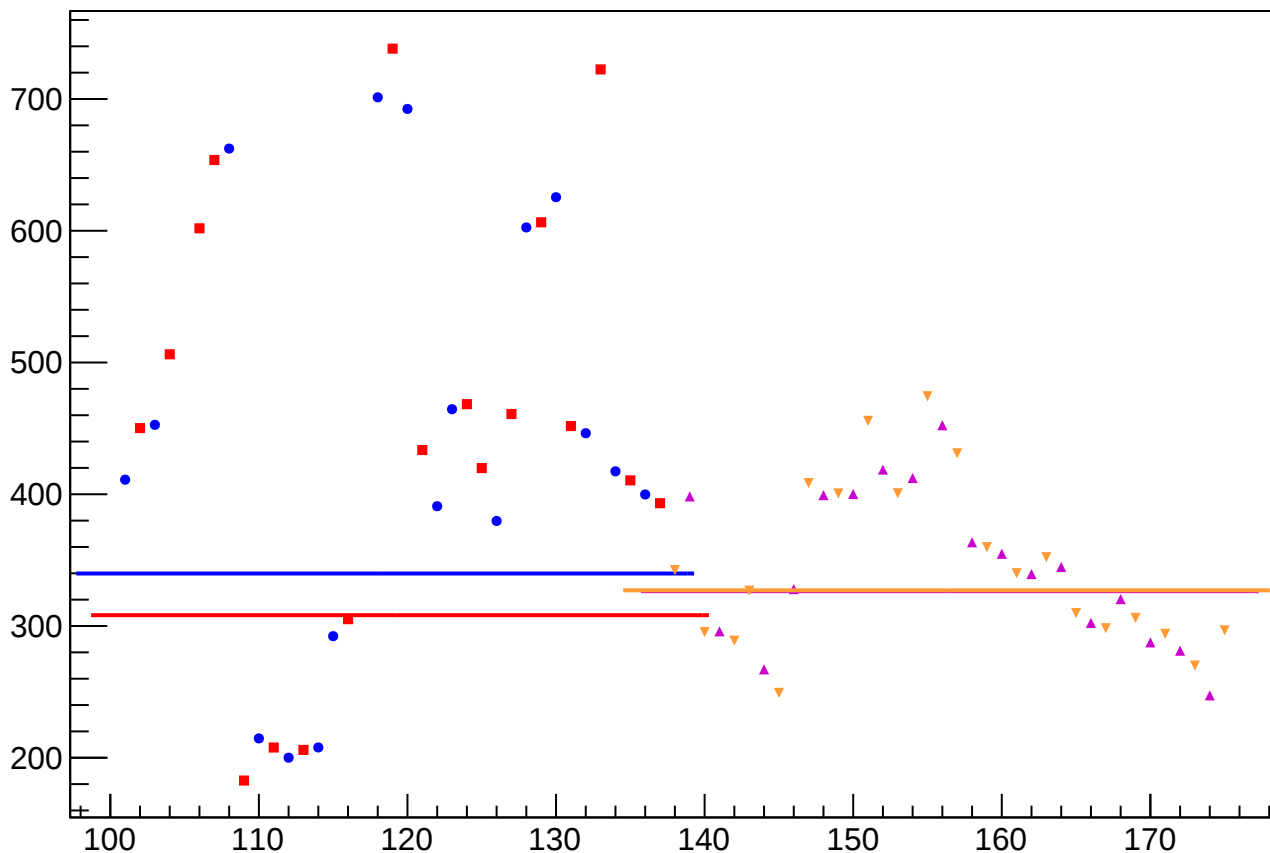
Right: -110.540 ± 96.143 χ^2/NDF : 32.4/34

In: 86.473 ± 74.995 χ^2/NDF : 44.3/34

Out: 251.980 ± 71.359 χ^2/NDF : 79.3/37

All: 173.335 ± 51.696 χ^2/NDF : 126.2/72

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 327.079 $\pm$ 0.060 χ^2 /NDF: 874282.1/19

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 326.421 $\pm$ 0.062 χ^2 /NDF: 816575.8/17

Left: 326.760 $\pm$ 0.043 χ^2 /NDF: 1690915.4/37

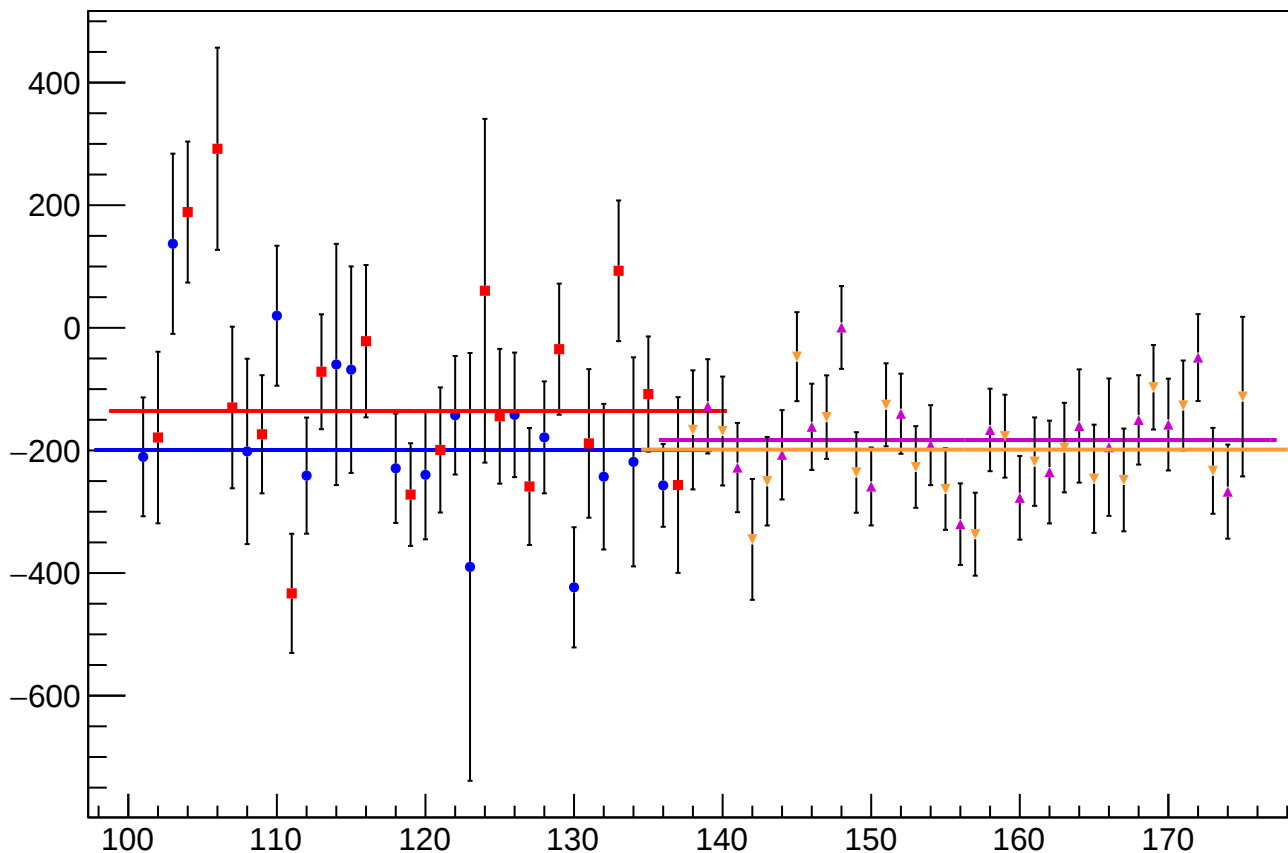
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 330.114 $\pm$ 0.053 χ^2 /NDF: 2872882.0/34

Out: 321.378 $\pm$ 0.050 χ^2 /NDF: 3602619.1/37

All: 325.529 $\pm$ 0.037 χ^2 /NDF: 6489741.5/72

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -198.626 $\pm$ 16.712 χ^2/NDF :19.3/19

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -182.991 $\pm$ 17.099 χ^2/NDF :22.2/17

Left: -190.987 $\pm$ 11.952 χ^2/NDF : 41.9/37

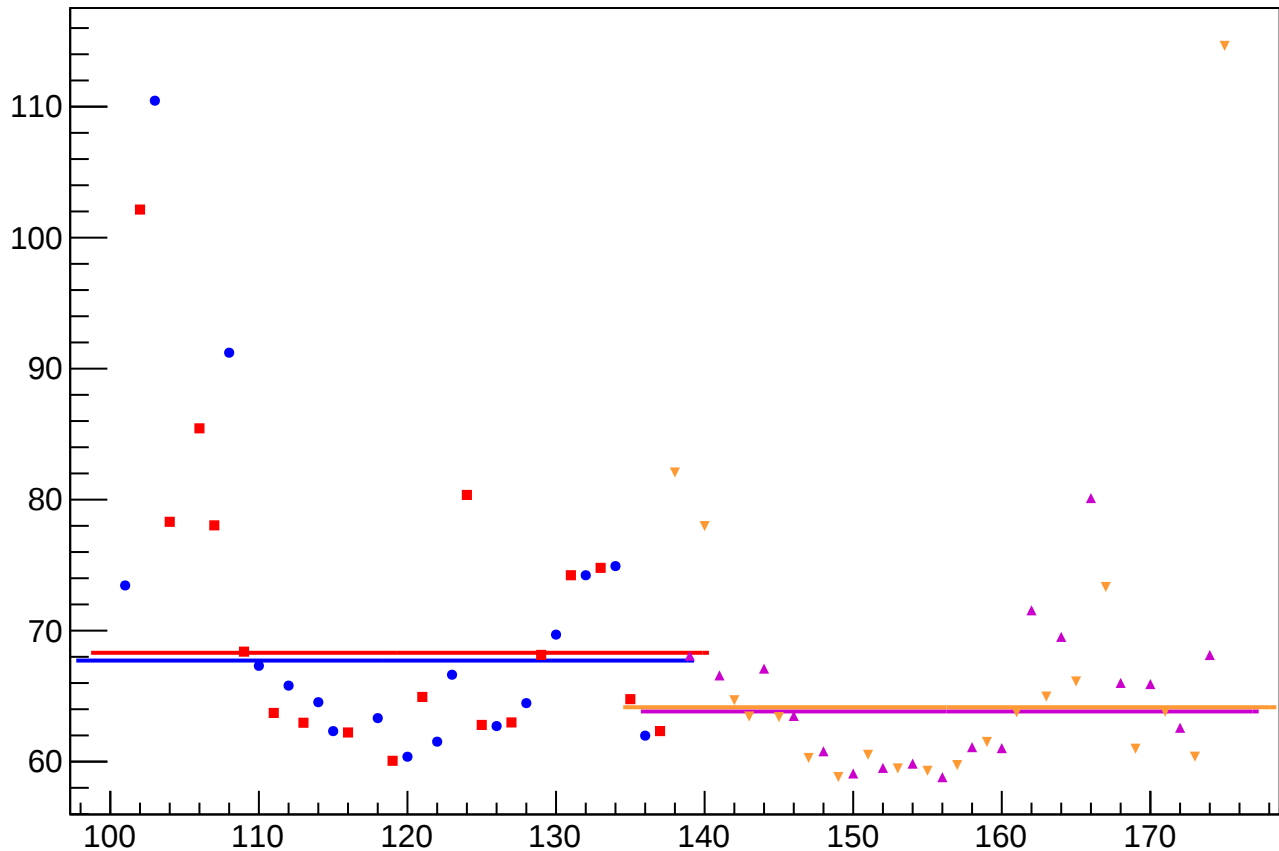
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -187.767 $\pm$ 14.370 χ^2/NDF :40.0/34

Out: -180.457 $\pm$ 14.098 χ^2/NDF :60.1/37

All: -184.042 $\pm$ 10.063 χ^2/NDF : 100.2/72

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 64.151 $\pm$ 0.012 χ^2 /NDF: 510757.8/19

Right Out: 68.308 $\pm$ 0.019 χ^2 /NDF: 234314.0/17

Left In: 63.830 $\pm$ 0.012 χ^2 /NDF: 139509.7/17

Left: 63.994 $\pm$ 0.008 χ^2 /NDF: 650627.3/37

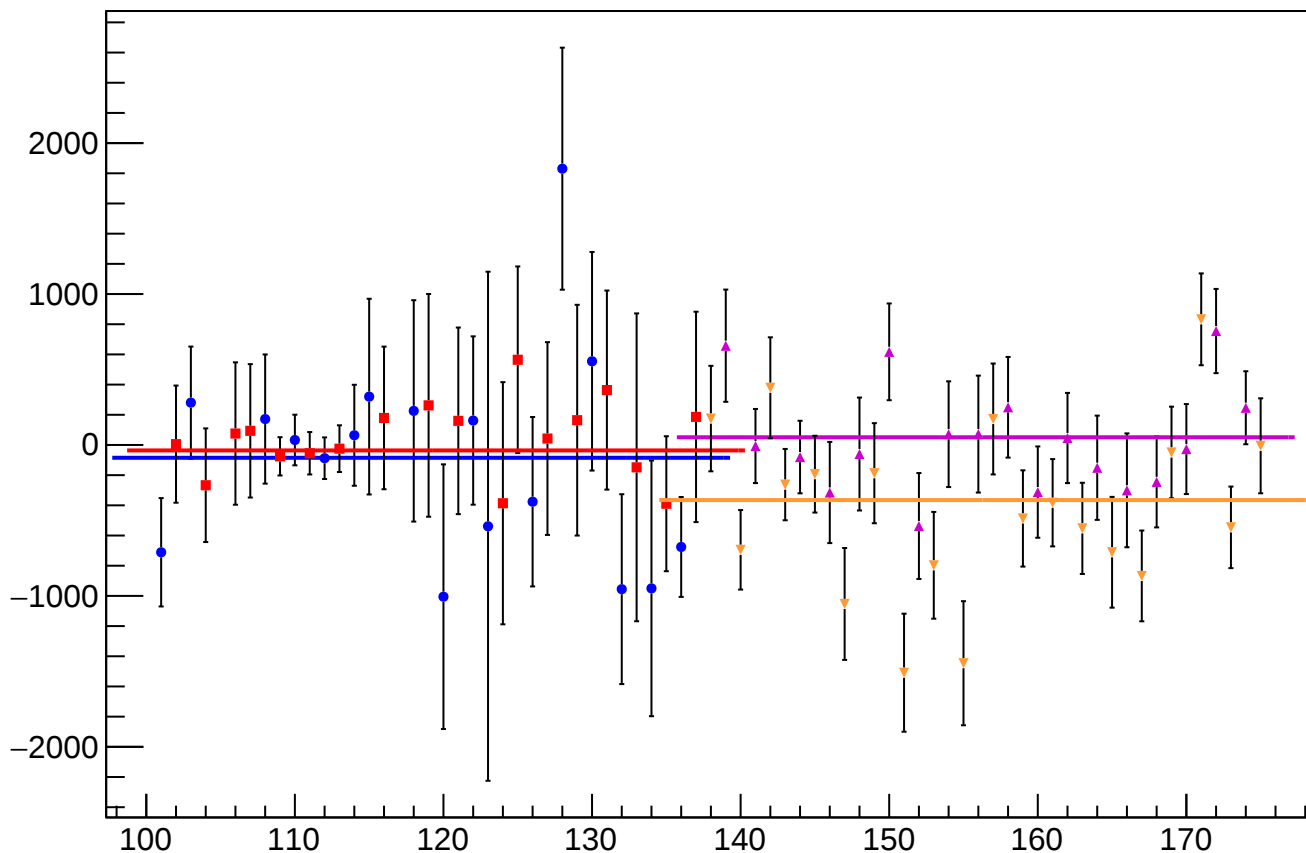
Right: 68.015 $\pm$ 0.013 χ^2 /NDF: 517711.7/34

In: 64.971 $\pm$ 0.010 χ^2 /NDF: 452728.9/34

Out: 65.350 $\pm$ 0.010 χ^2 /NDF: 780766.6/37

All: 65.164 $\pm$ 0.007 χ^2 /NDF: 1234202.3/72

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -365.058 ± 69.701 χ^2/NDF : 54.9/19

Right Out: -36.132 ± 69.750 χ^2/NDF : 3.4/17

Left In: 51.044 ± 72.826 χ^2/NDF : 21.3/17

Left: -166.126 ± 50.355 χ^2/NDF : 93.3/37

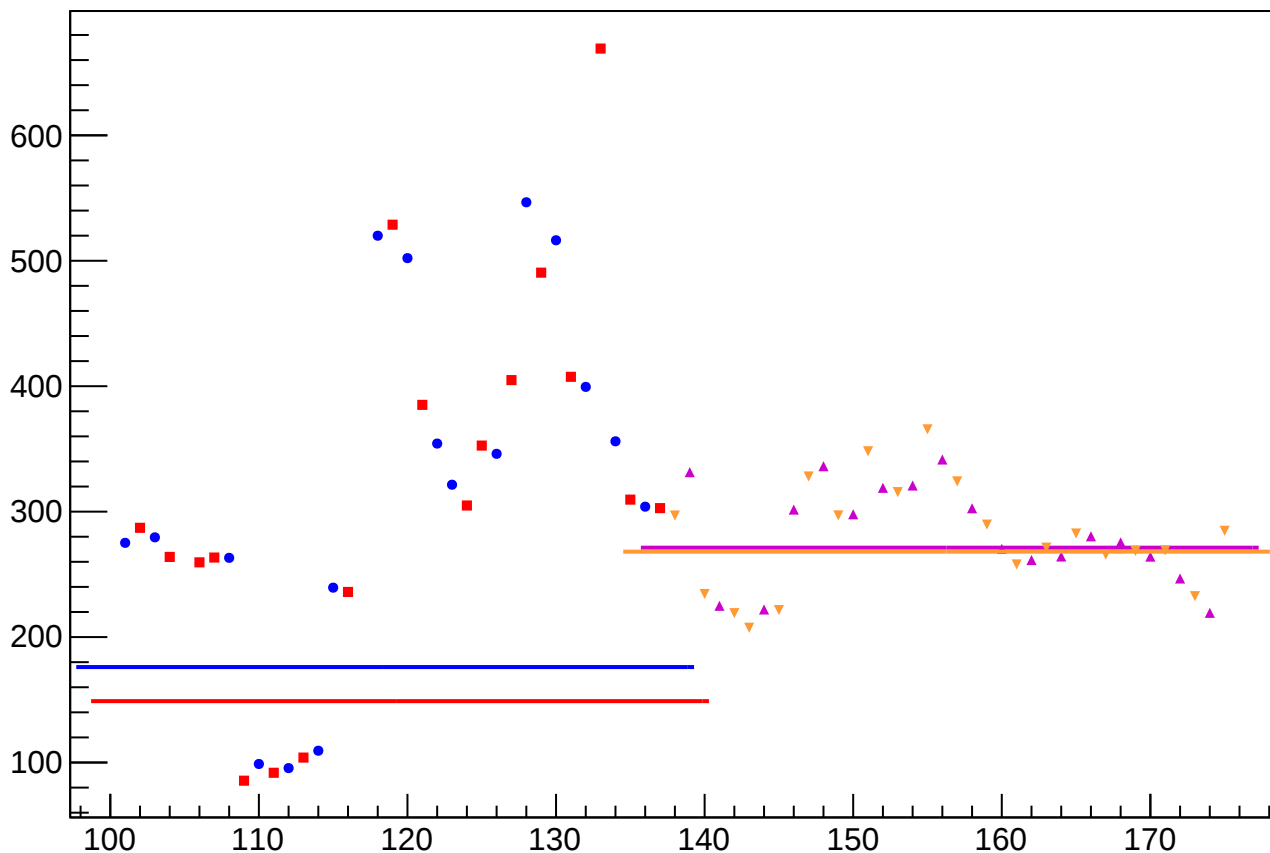
Right: -56.354 ± 53.310 χ^2/NDF : 23.5/34

In: -8.296 ± 54.646 χ^2/NDF : 42.7/34

Out: -200.711 ± 49.303 χ^2/NDF : 69.5/37

All: -114.366 ± 36.606 χ^2/NDF : 119.0/72

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.108+/-0.049 χ^2/NDF : 689818.6/19

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 271.267+/-0.051 χ^2/NDF : 571992.9/17

Left: 269.619+/-0.036 χ^2/NDF : 1263775.3/37

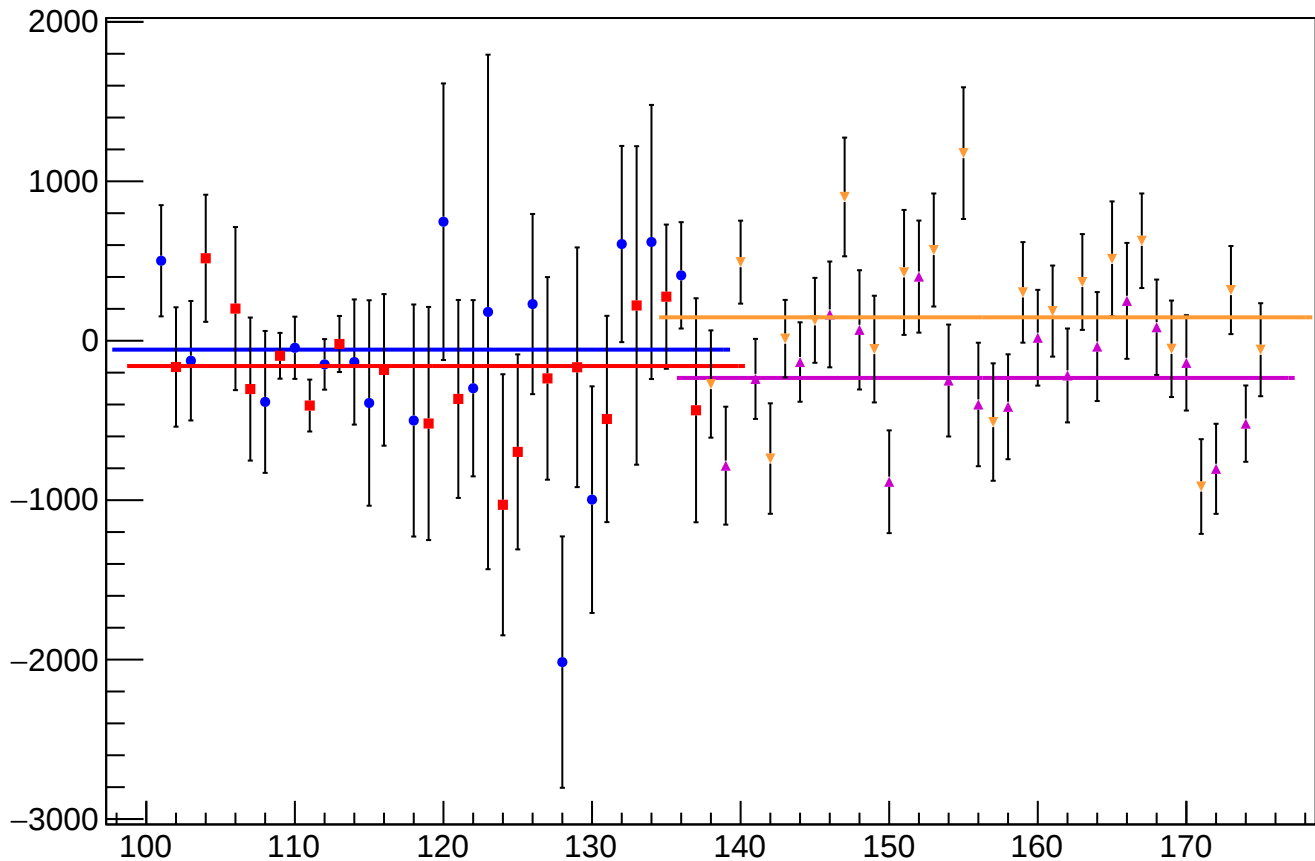
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 229.681+/-0.039 χ^2/NDF : 6288122.0/34

Out: 208.562+/-0.035 χ^2/NDF : 8382194.2/37

All: 218.039+/-0.026 χ^2/NDF : 14834992.5/72

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2 /NDF: 17.1/16

Left Out: 146.954+/-69.614 χ^2 /NDF:44.5/19

Right Out: -158.676+/-77.072 χ^2 /NDF: 10.4/17

Left In: -233.218+/-72.863 χ^2 /NDF:21.9/17

Left: -34.467+/-50.334 χ^2 /NDF: 80.6/37

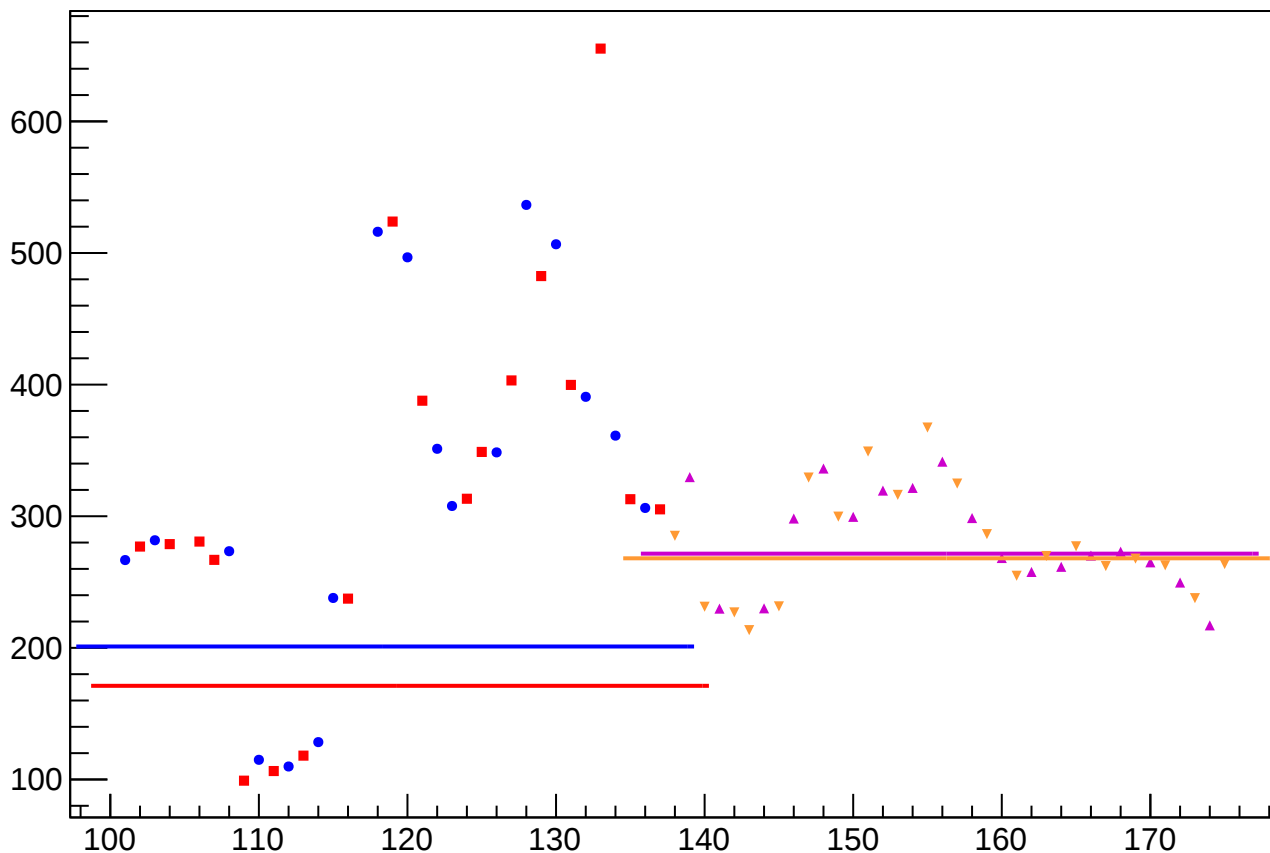
Right: -115.437+/-58.697 χ^2 /NDF: 28.3/34

In: -163.481+/-56.772 χ^2 /NDF:41.3/34

Out: 9.639+/-51.660 χ^2 /NDF:63.5/37

All: -68.778+/-38.209 χ^2 /NDF: 109.9/72

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.030+/-0.049 χ^2/NDF : 608160.1/19

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 271.570+/-0.052 χ^2/NDF : 527725.2/17

Left: 269.720+/-0.036 χ^2/NDF : 1138352.8/37

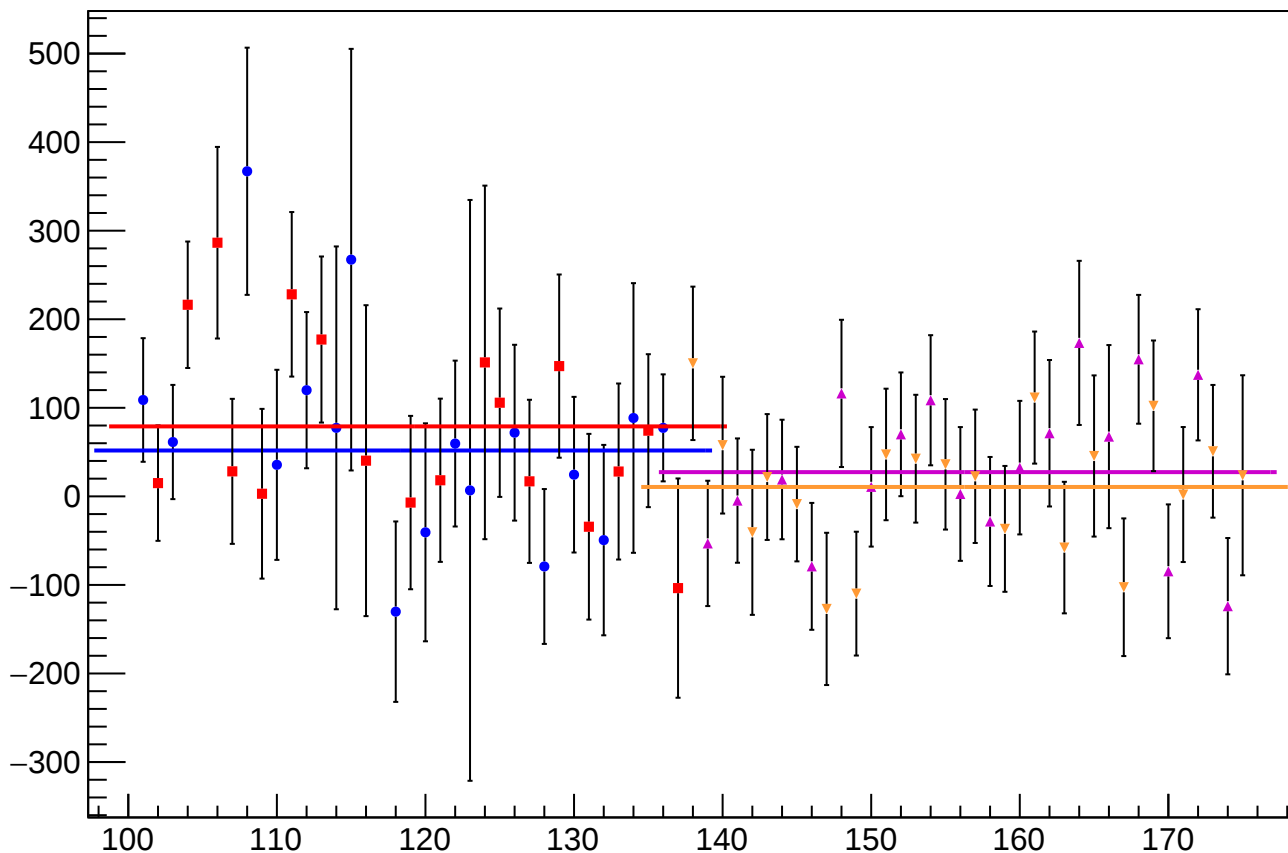
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 243.857+/-0.040 χ^2/NDF : 4697118.2/34

Out: 224.508+/-0.037 χ^2/NDF : 6413776.2/37

All: 233.272+/-0.027 χ^2/NDF : 11237988.9/72

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: 10.617 $\pm$ 17.188 χ^2/NDF : 16.8/19

Right Out: 79.008 $\pm$ 22.499 χ^2/NDF : 19.0/17

Left In: 27.368 $\pm$ 17.725 χ^2/NDF : 21.5/17

Left: 18.735 $\pm$ 12.339 χ^2/NDF : 38.7/37

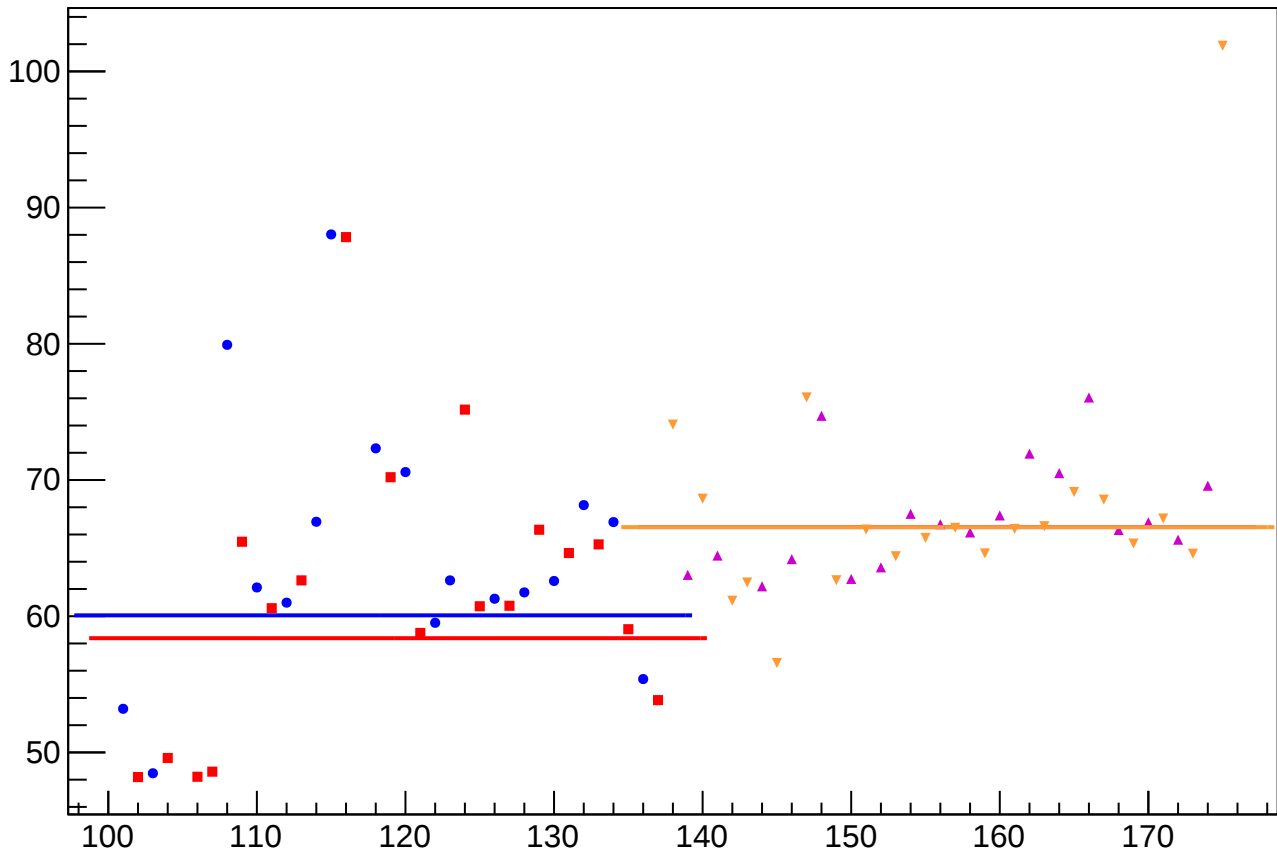
Right: 66.018 $\pm$ 16.264 χ^2/NDF : 34.2/34

In: 36.209 $\pm$ 14.160 χ^2/NDF : 36.7/34

Out: 35.822 $\pm$ 13.659 χ^2/NDF : 41.6/37

All: 36.008 $\pm$ 9.830 χ^2/NDF : 78.3/72

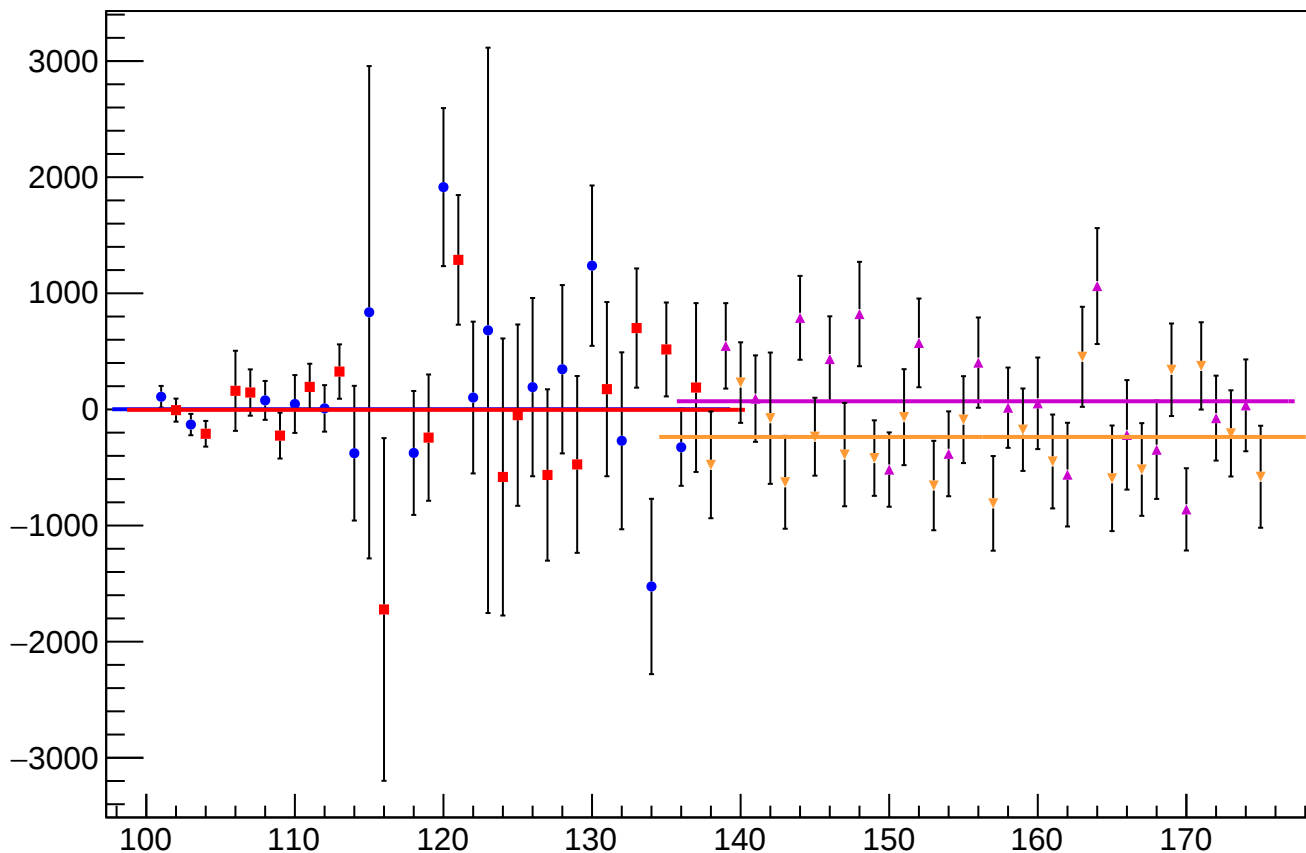
dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065+/-0.017 χ^2/NDF : 229098.7/16
 Left Out: 66.540+/-0.012 χ^2/NDF : 312505.9/19
 Right Out: 58.387+/-0.016 χ^2/NDF : 275017.2/17
 Left In: 66.545+/-0.013 χ^2/NDF : 79677.3/17

Left: 66.542+/-0.009 χ^2/NDF : 392183.3/37
 Right: 59.188+/-0.012 χ^2/NDF : 509429.8/34
 In: 64.200+/-0.010 χ^2/NDF : 405493.7/34
 Out: 63.535+/-0.010 χ^2/NDF : 753345.8/37
 All: 63.856+/-0.007 χ^2/NDF : 1161125.5/72

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -237.061+/-88.406 χ^2/NDF :16.4/19

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 70.294+/-90.890 χ^2/NDF :31.2/17

Left: -87.641+/-63.372 χ^2/NDF : 53.4/37

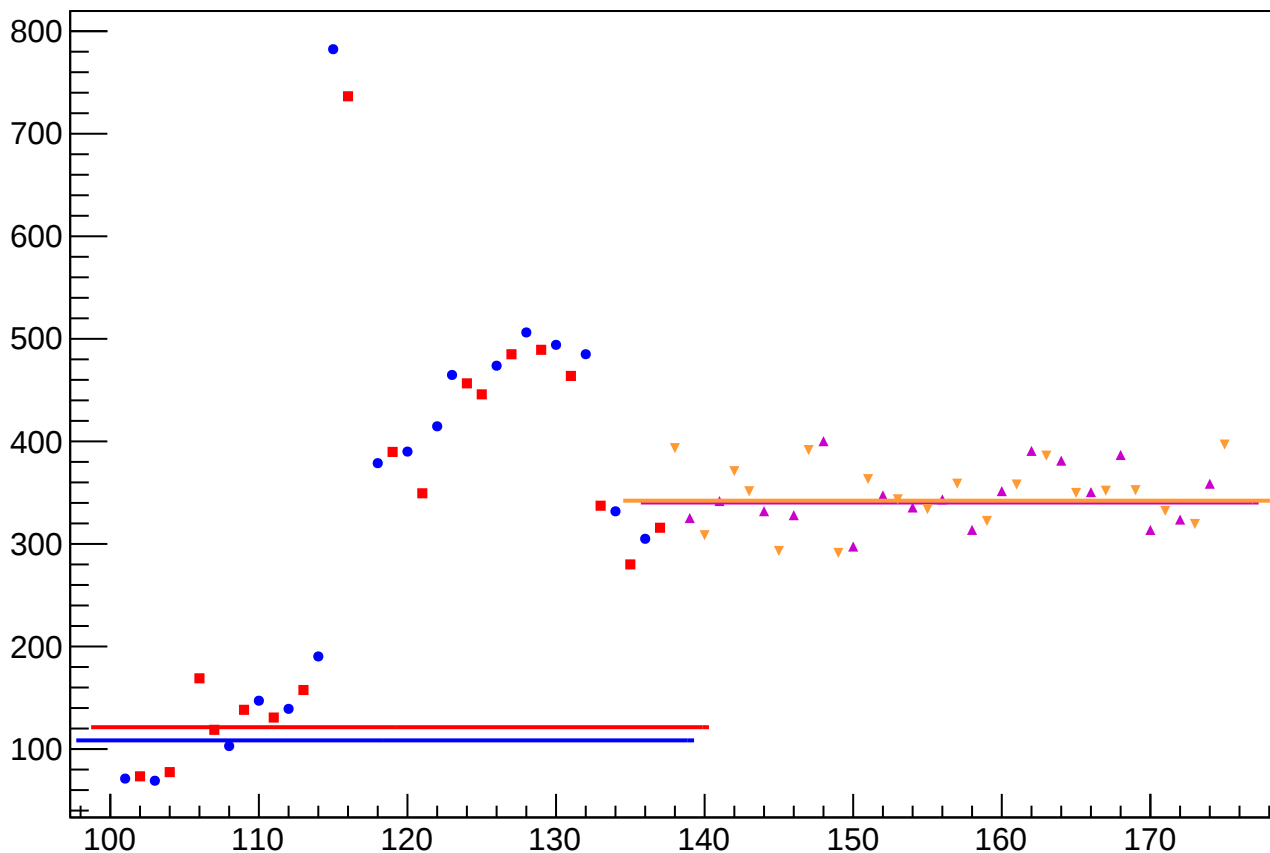
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 19.647+/-46.605 χ^2/NDF :53.0/34

Out: -71.239+/-47.674 χ^2/NDF :41.6/37

All: -24.765+/-33.326 χ^2/NDF : 96.4/72

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: 342.190 $\pm$ 0.063 χ^2 /NDF: 248811.2/19

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 340.404 $\pm$ 0.064 χ^2 /NDF: 176286.2/17

Left: 341.322 $\pm$ 0.045 χ^2 /NDF: 425494.3/37

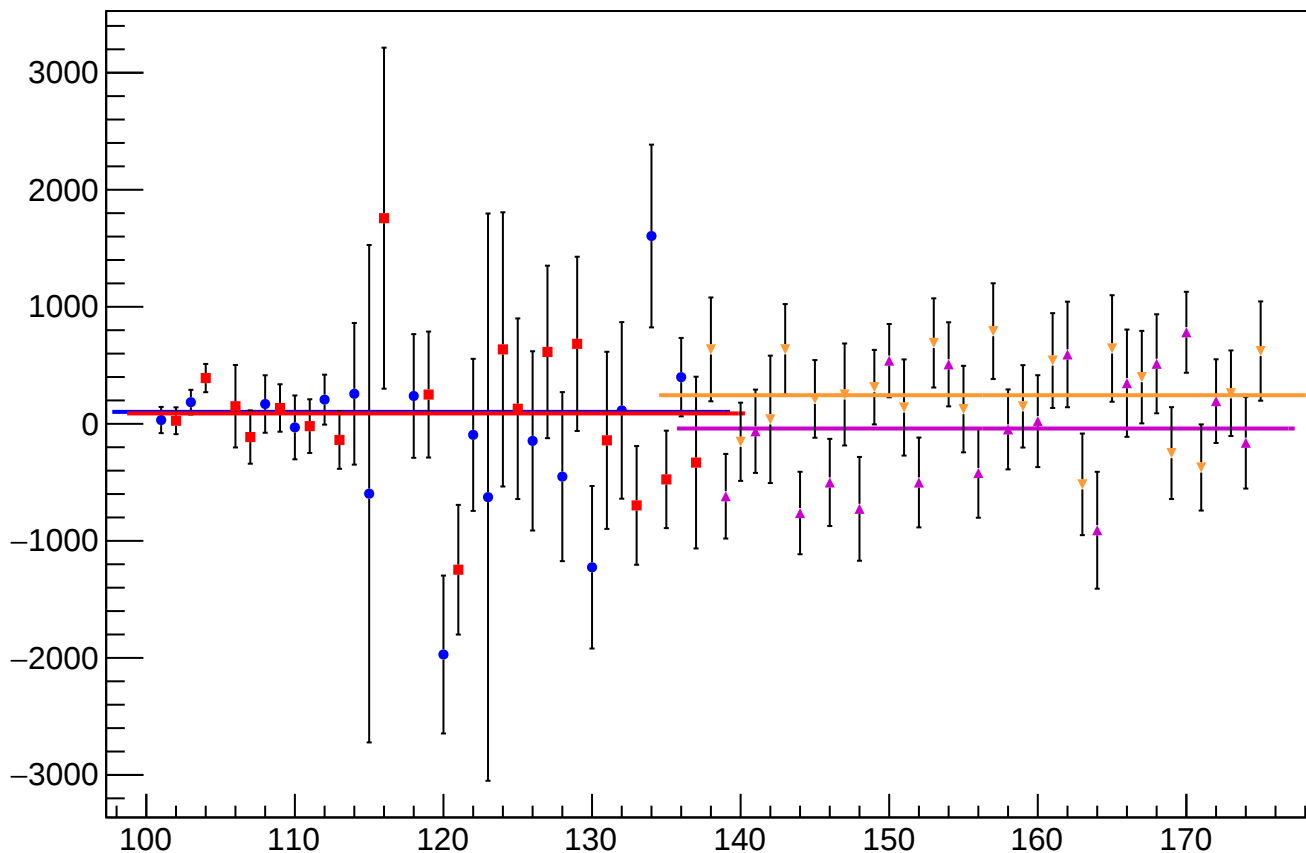
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 169.432 $\pm$ 0.033 χ^2 /NDF: 15181788.4/34

Out: 185.540 $\pm$ 0.034 χ^2 /NDF: 13835032.8/37

All: 177.303 $\pm$ 0.024 χ^2 /NDF: 29133563.1/72

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 244.643 $\pm$ 87.028 χ^2 /NDF:16.6/19

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -39.974 $\pm$ 89.612 χ^2 /NDF:32.5/17

Left: 106.497 $\pm$ 62.432 χ^2 /NDF: 54.3/37

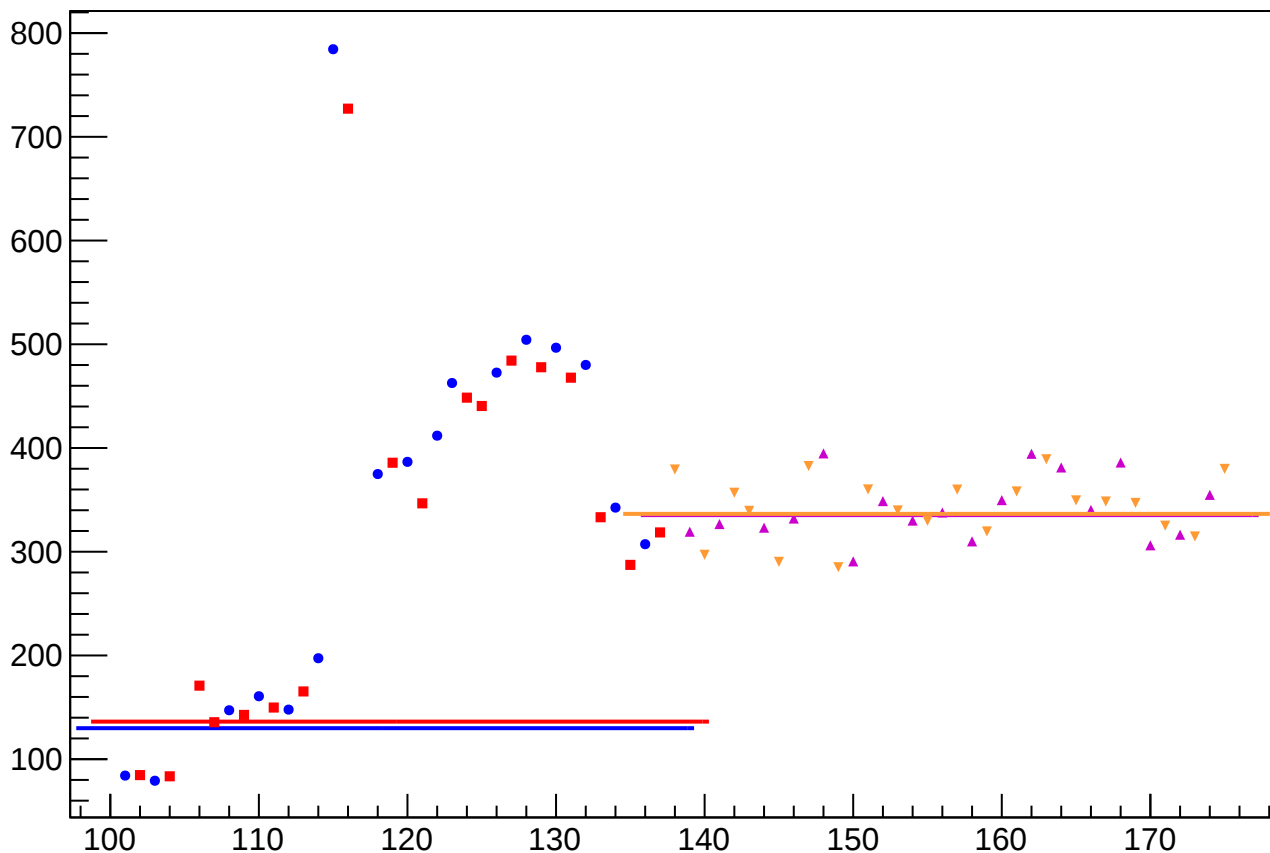
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 55.060 $\pm$ 51.608 χ^2 /NDF:54.5/34

Out: 141.552 $\pm$ 50.620 χ^2 /NDF:40.4/37

All: 99.141 $\pm$ 36.138 χ^2 /NDF: 96.3/72

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 336.487+/-0.062 χ^2/NDF : 251311.9/19

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 335.293+/-0.063 χ^2/NDF : 205885.6/17

Left: 335.908+/-0.044 χ^2/NDF : 457380.2/37

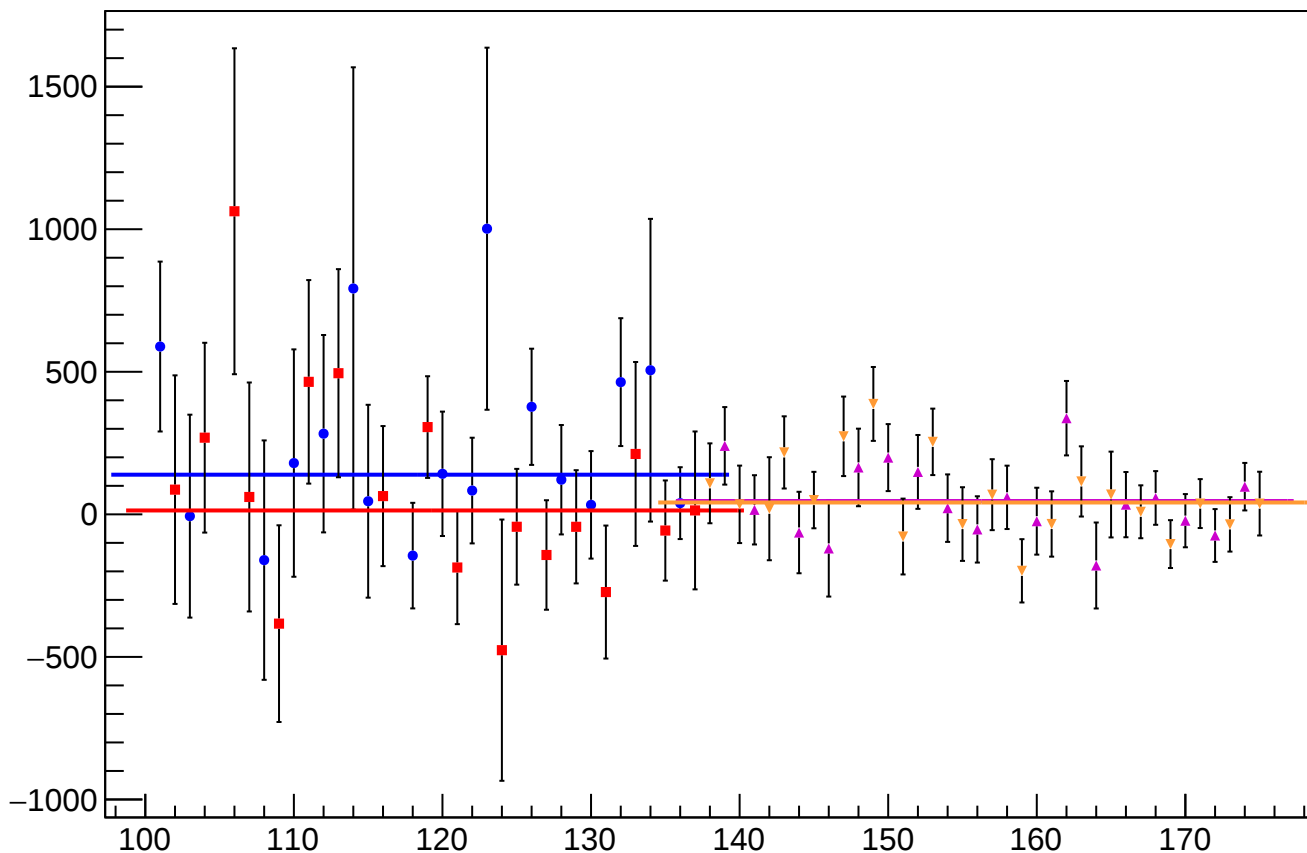
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 198.011+/-0.036 χ^2/NDF : 12058576.2/34

Out: 203.978+/-0.036 χ^2/NDF : 11541489.9/37

All: 201.052+/-0.026 χ^2/NDF : 23613695.3/72

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: 41.622 $\pm$ 25.671 χ^2 /NDF:25.9/19

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 46.686 $\pm$ 27.131 χ^2 /NDF:17.7/17

Left: 44.014 $\pm$ 18.647 χ^2 /NDF: 43.6/37

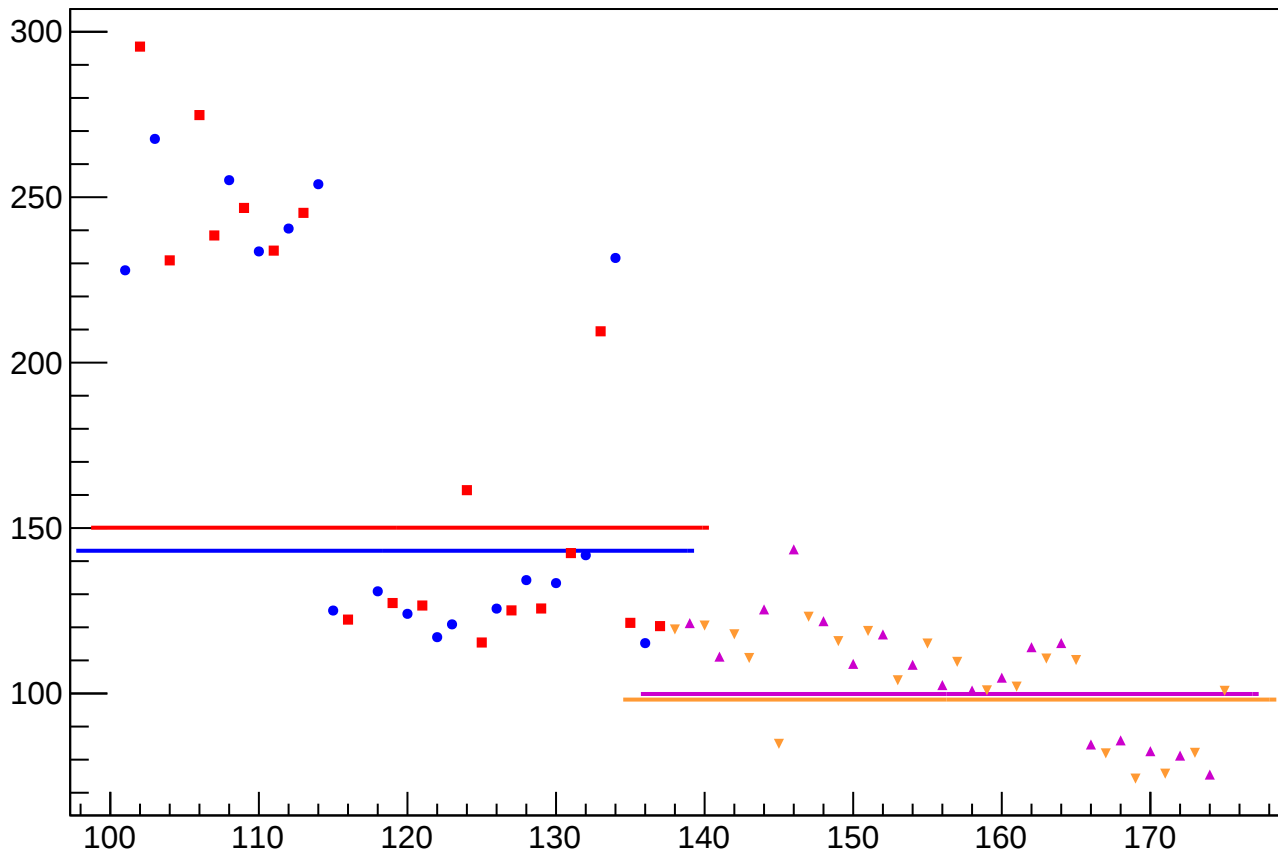
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 63.284 $\pm$ 24.574 χ^2 /NDF:32.9/34

Out: 37.307 $\pm$ 23.609 χ^2 /NDF:42.5/37

All: 49.776 $\pm$ 17.025 χ^2 /NDF: 76.0/72

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: 98.157 $\pm$ 0.018 χ^2 /NDF: 840872.6/19

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 99.850 $\pm$ 0.019 χ^2 /NDF: 828874.0/17

Left: 98.957 $\pm$ 0.013 χ^2 /NDF: 1673853.0/37

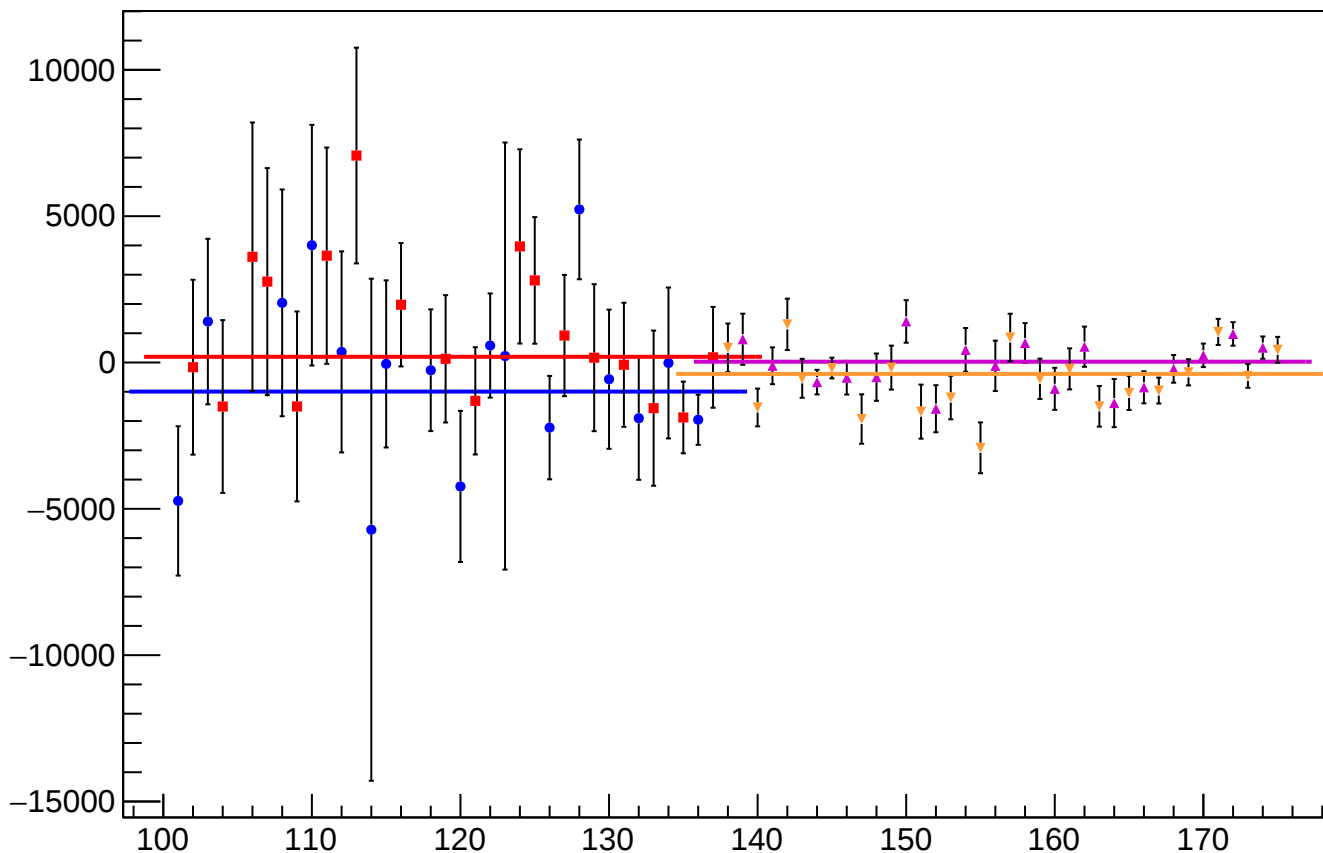
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 107.625 $\pm$ 0.017 χ^2 /NDF: 2844751.8/34

Out: 106.167 $\pm$ 0.017 χ^2 /NDF: 3436545.7/37

All: 106.867 $\pm$ 0.012 χ^2 /NDF: 6284960.0/72

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 $\pm$ 516.463 χ^2 /NDF: 16.9/16

Left Out: -390.479 $\pm$ 129.230 χ^2 /NDF:45.2/19

Right Out: 195.049 $\pm$ 543.821 χ^2 /NDF: 13.5/17

Left In: 27.164 $\pm$ 134.392 χ^2 /NDF:29.1/17

Left: -189.831 $\pm$ 93.151 χ^2 /NDF: 79.4/37

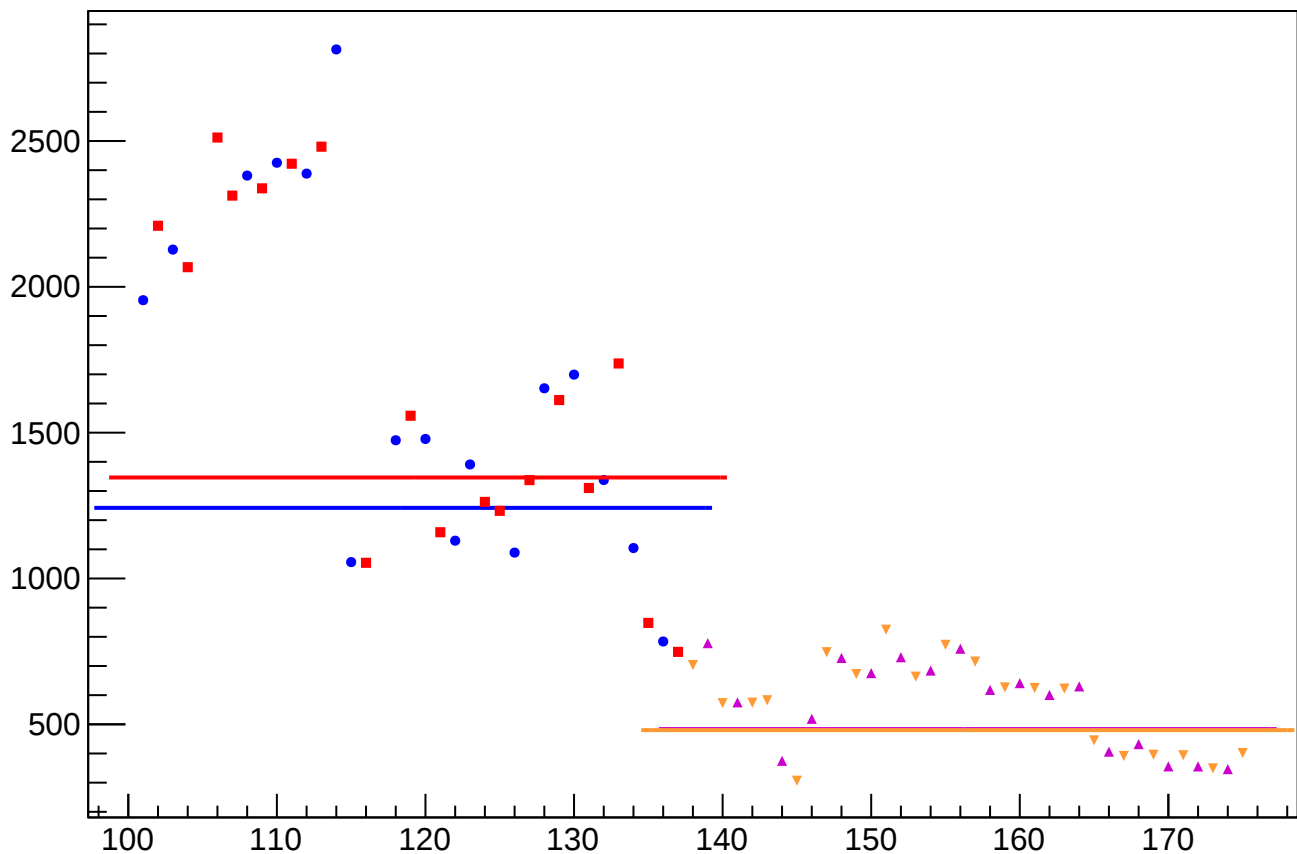
Right: -430.023 $\pm$ 374.493 χ^2 /NDF: 33.0/34

In: -37.582 $\pm$ 130.060 χ^2 /NDF:49.7/34

Out: -359.181 $\pm$ 125.729 χ^2 /NDF:59.8/37

All: -203.826 $\pm$ 90.396 χ^2 /NDF: 112.7/72

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: 480.081 $\pm$ 0.091 χ^2 /NDF: 2628026.3/19

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 483.737 $\pm$ 0.095 χ^2 /NDF: 2293919.8/17

Left: 481.837 $\pm$ 0.066 χ^2 /NDF: 4922715.1/37

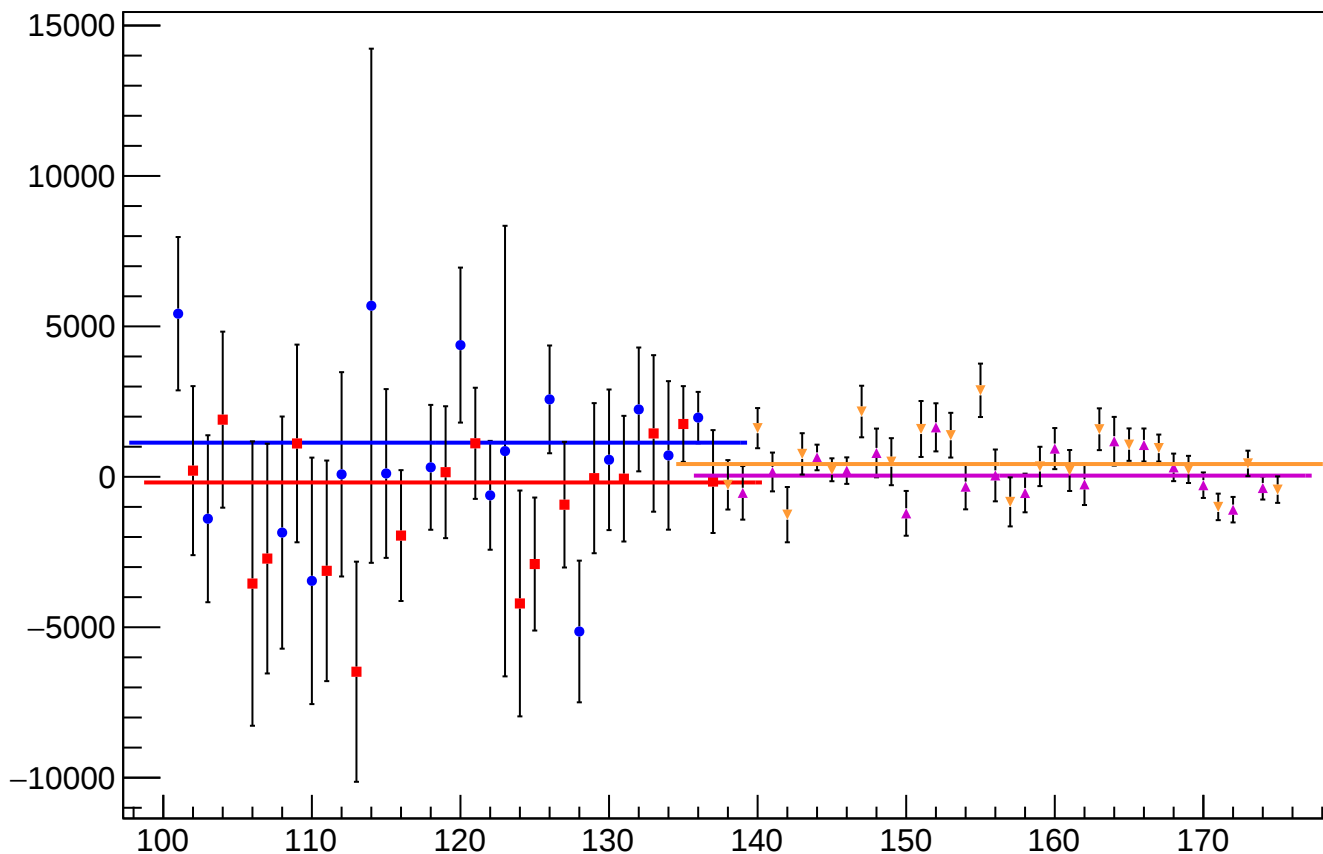
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 531.835 $\pm$ 0.092 χ^2 /NDF: 8100903.9/34

Out: 526.384 $\pm$ 0.089 χ^2 /NDF: 9240664.6/37

All: 529.017 $\pm$ 0.064 χ^2 /NDF: 17343384.9/72

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 424.695+/-130.816 χ^2/NDF : 45.2/19

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 39.871+/-132.958 χ^2/NDF : 27.9/17

Left: 235.408+/-93.249 χ^2/NDF : 77.4/37

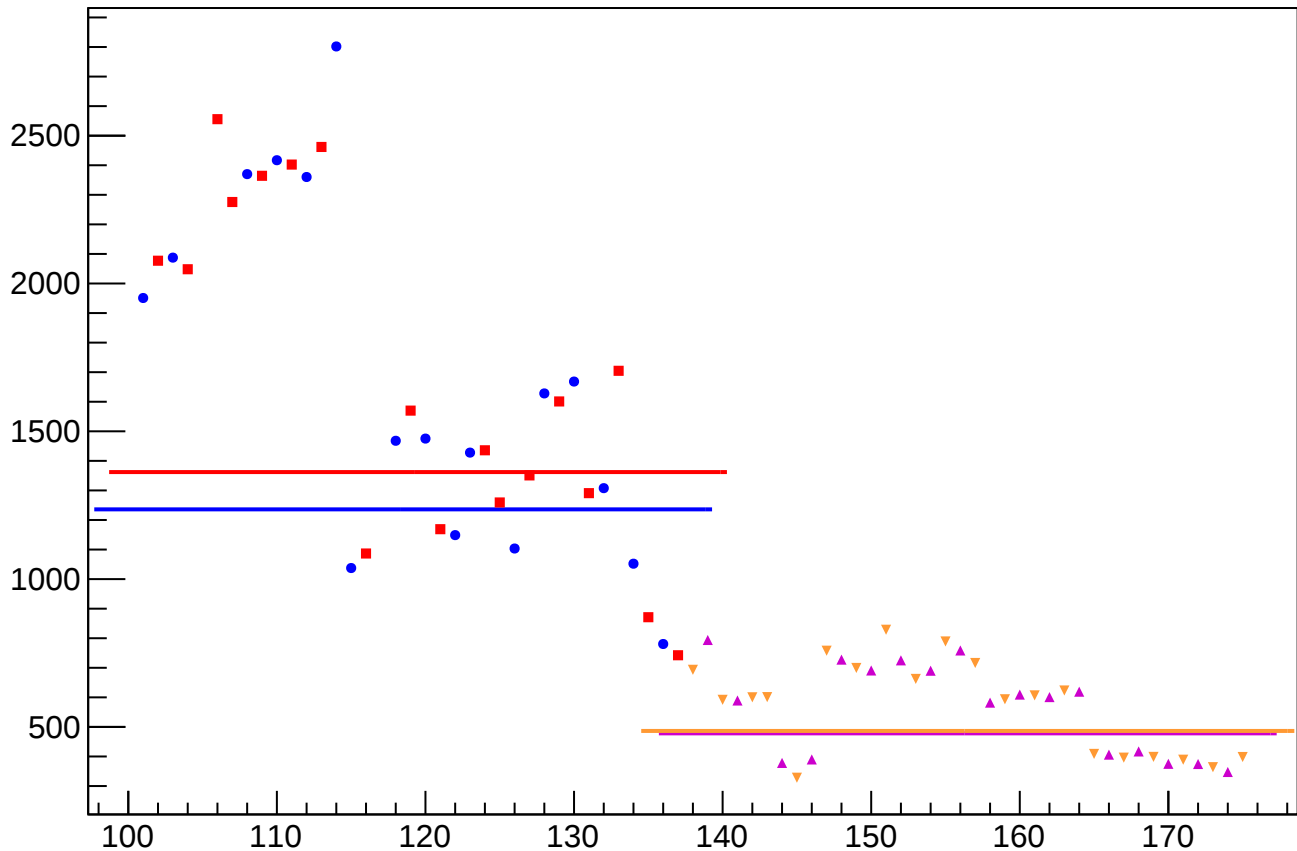
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 108.624+/-128.717 χ^2/NDF : 50.0/34

Out: 391.711+/-127.243 χ^2/NDF : 58.3/37

All: 251.798+/-90.491 χ^2/NDF : 110.8/72

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 486.382 $\pm$ 0.093 χ^2 /NDF: 2469765.3/19

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 478.210 $\pm$ 0.094 χ^2 /NDF: 2205912.2/17

Left: 482.362 $\pm$ 0.066 χ^2 /NDF: 4679515.9/37

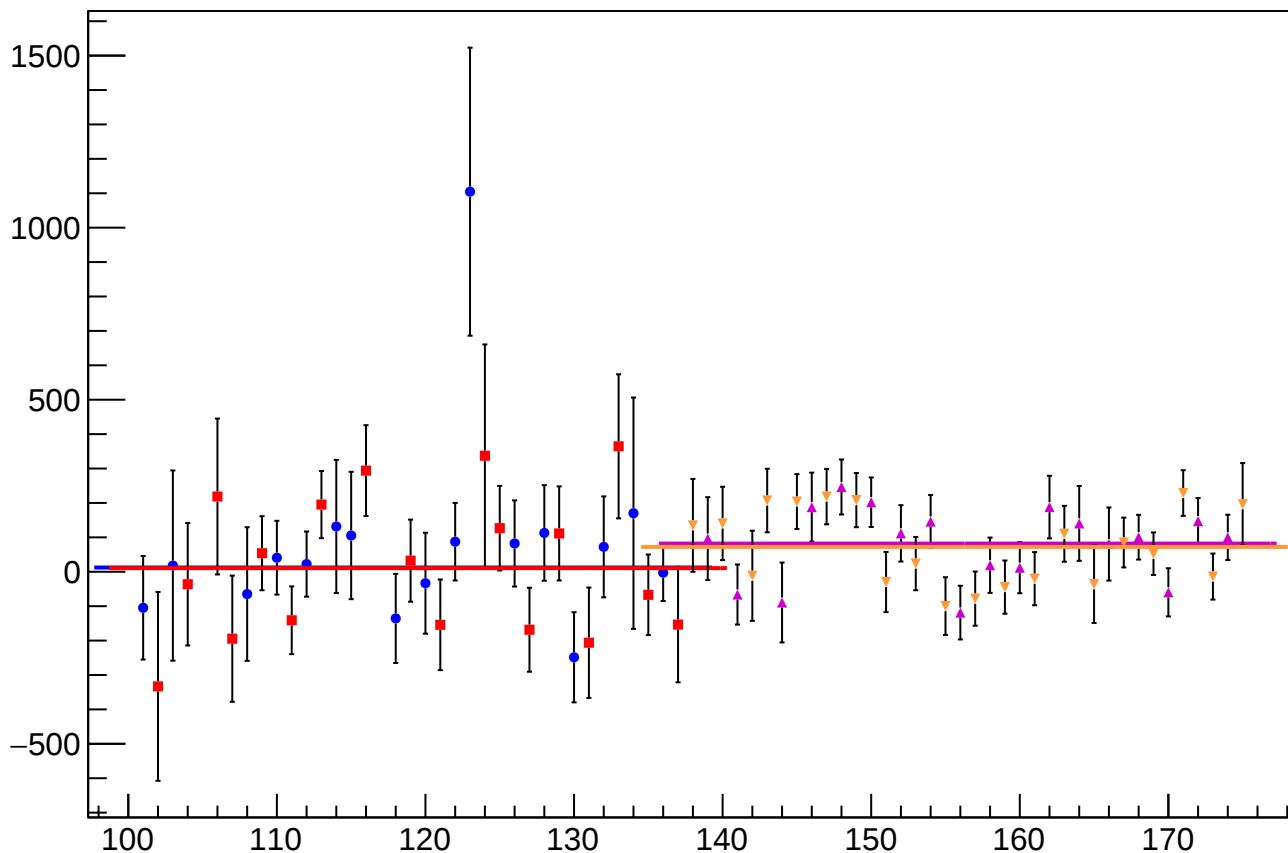
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 525.771 $\pm$ 0.091 χ^2 /NDF: 8028867.4/34

Out: 533.563 $\pm$ 0.090 χ^2 /NDF: 9007764.2/37

All: 529.712 $\pm$ 0.064 χ^2 /NDF: 17040337.7/72

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 ± 33.228 $\chi^2/\text{NDF}: 15.4/16$

Left Out: 72.194 ± 18.467 $\chi^2/\text{NDF}: 35.1/19$

Right Out: 10.591 ± 32.606 $\chi^2/\text{NDF}: 26.7/17$

Left In: 81.852 ± 19.147 $\chi^2/\text{NDF}: 29.0/17$

Left: 76.848 ± 13.292 $\chi^2/\text{NDF}: 64.2/37$

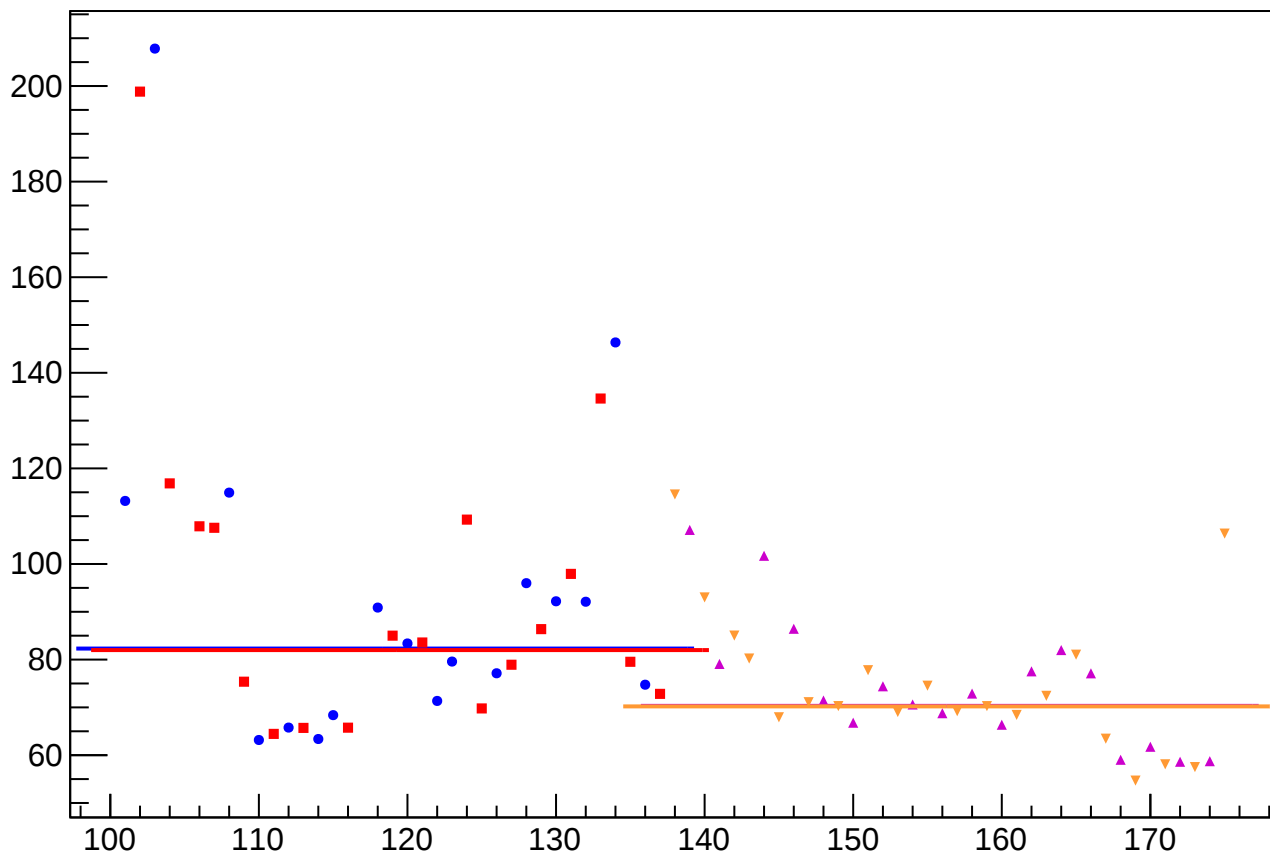
Right: 11.434 ± 23.273 $\chi^2/\text{NDF}: 42.1/34$

In: 64.516 ± 16.590 $\chi^2/\text{NDF}: 47.6/34$

Out: 57.232 ± 16.069 $\chi^2/\text{NDF}: 64.5/37$

All: 60.758 ± 11.542 $\chi^2/\text{NDF}: 112.3/72$

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 70.207 $\pm$ 0.013 χ^2 /NDF: 865589.7/19

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 70.317 $\pm$ 0.014 χ^2 /NDF: 679746.8/17

Left: 70.260 $\pm$ 0.009 χ^2 /NDF: 1545370.9/37

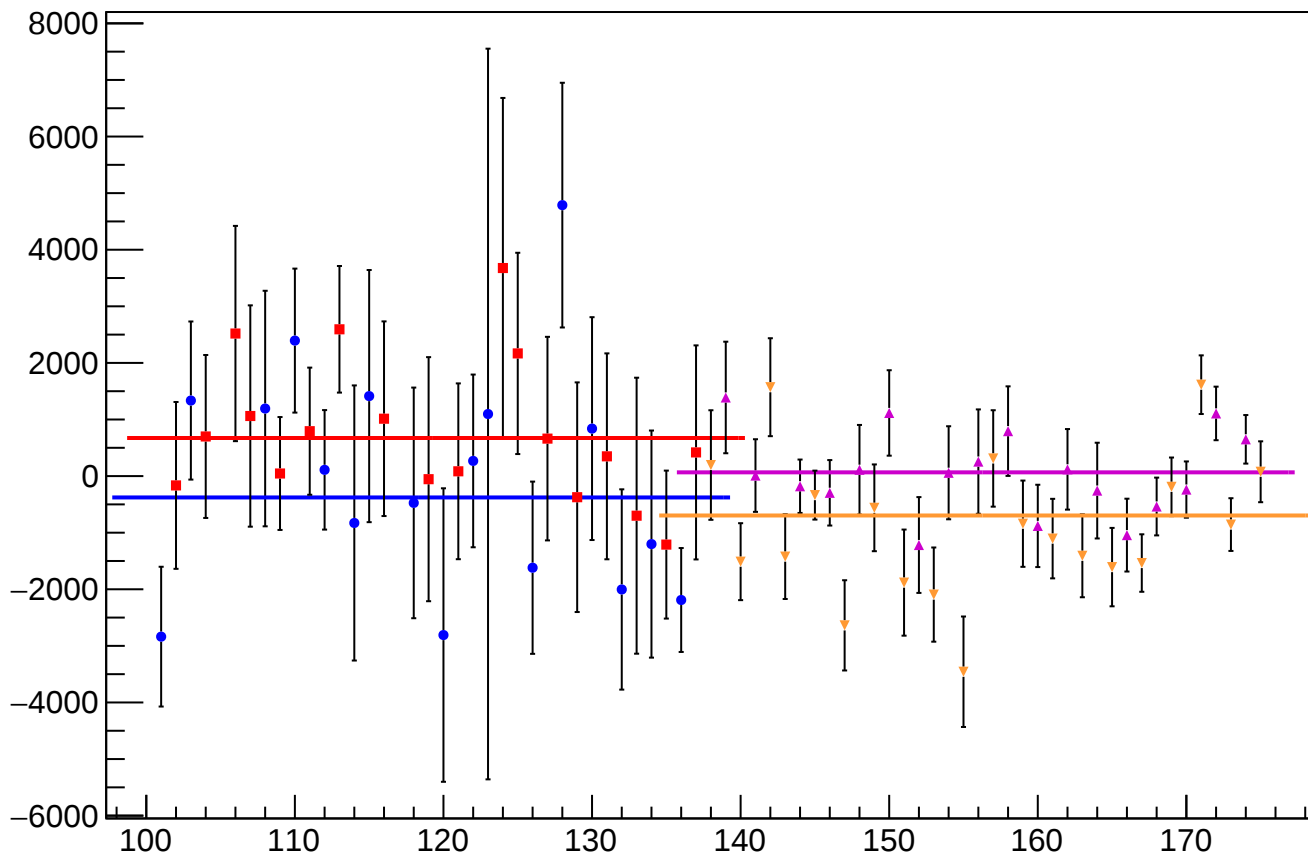
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 73.306 $\pm$ 0.012 χ^2 /NDF: 1743937.0/34

Out: 73.068 $\pm$ 0.011 χ^2 /NDF: 1916472.2/37

All: 73.183 $\pm$ 0.008 χ^2 /NDF: 3660621.2/72

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -696.025 ± 145.769 $\chi^2/\text{NDF}: 59.4/19$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 66.175 ± 148.418 $\chi^2/\text{NDF}: 20.9/17$

Left: -321.788 ± 103.998 $\chi^2/\text{NDF}: 93.7/37$

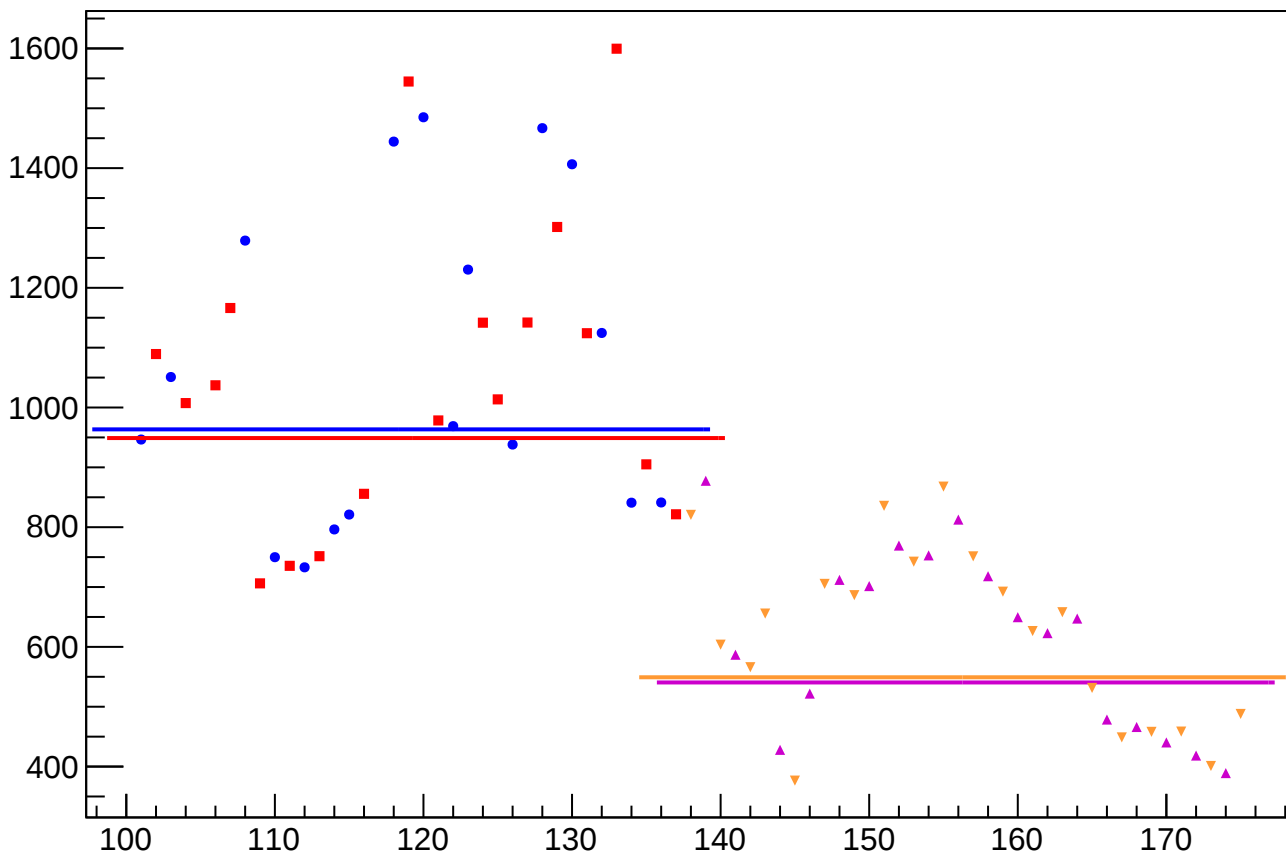
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: 8.505 ± 138.433 $\chi^2/\text{NDF}: 46.5/34$

Out: -510.868 ± 135.555 $\chi^2/\text{NDF}: 80.7/37$

All: -256.635 ± 96.853 $\chi^2/\text{NDF}: 134.4/72$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 549.214+/-0.103 χ^2/NDF : 1860592.5/19

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 540.548+/-0.105 χ^2/NDF : 1727776.2/17

Left: 544.959+/-0.074 χ^2/NDF : 3591839.1/37

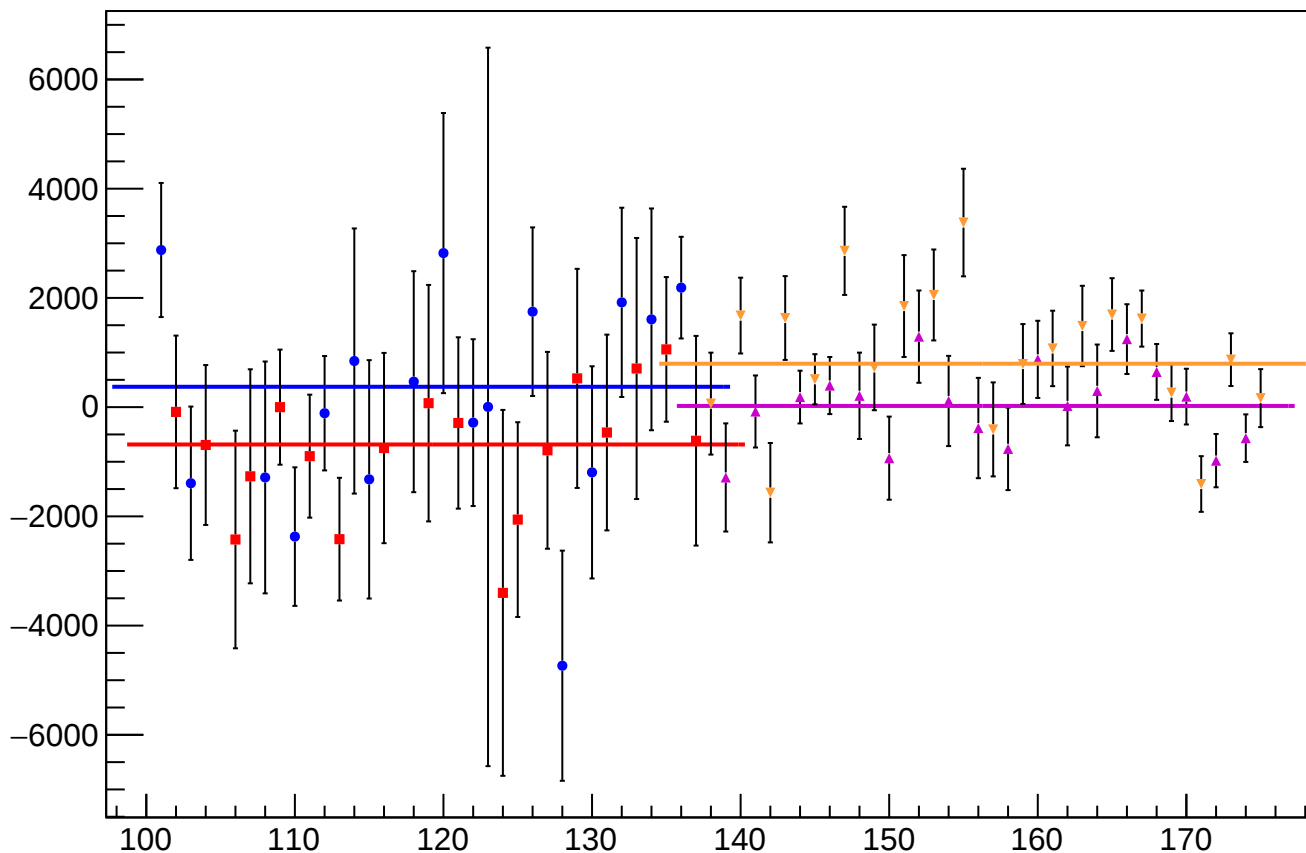
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 595.541+/-0.098 χ^2/NDF : 4528300.7/34

Out: 603.269+/-0.096 χ^2/NDF : 4623763.5/37

All: 599.486+/-0.068 χ^2/NDF : 9155245.9/72

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 ± 383.661 $\chi^2/\text{NDF}: 25.3/16$

Left Out: 795.249 ± 147.020 $\chi^2/\text{NDF}: 56.1/19$

Right Out: -683.612 ± 372.418 $\chi^2/\text{NDF}: 7.8/17$

Left In: 22.065 ± 148.562 $\chi^2/\text{NDF}: 20.5/17$

Left: 412.691 ± 104.500 $\chi^2/\text{NDF}: 90.3/37$

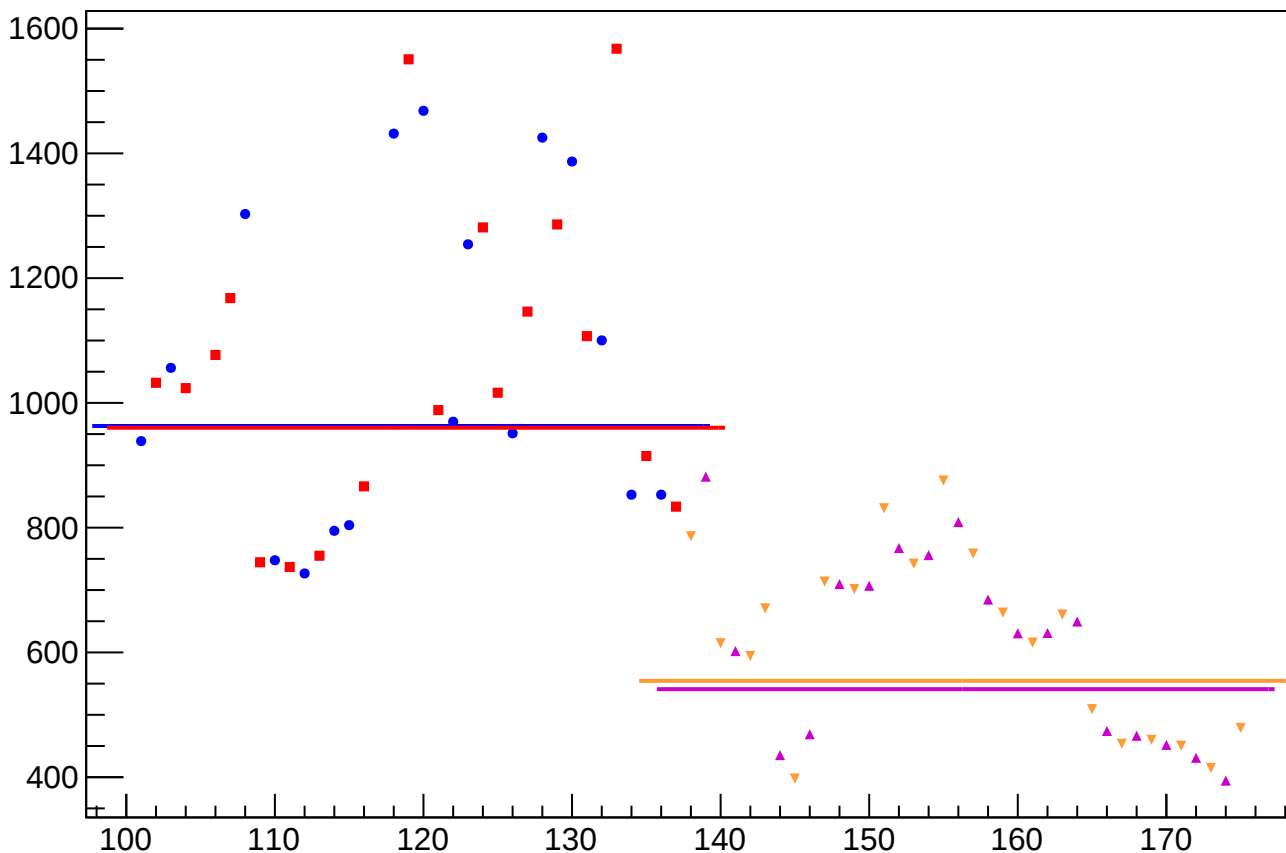
Right: -171.066 ± 267.226 $\chi^2/\text{NDF}: 36.9/34$

In: 67.810 ± 138.538 $\chi^2/\text{NDF}: 46.5/34$

Out: 595.852 ± 136.750 $\chi^2/\text{NDF}: 77.5/37$

All: 335.262 ± 97.323 $\chi^2/\text{NDF}: 131.3/72$

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 554.456 $\pm$ 0.104 χ^2 /NDF: 1717454.4/19

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 541.134 $\pm$ 0.105 χ^2 /NDF: 1645632.1/17

Left: 547.864 $\pm$ 0.074 χ^2 /NDF: 3371210.8/37

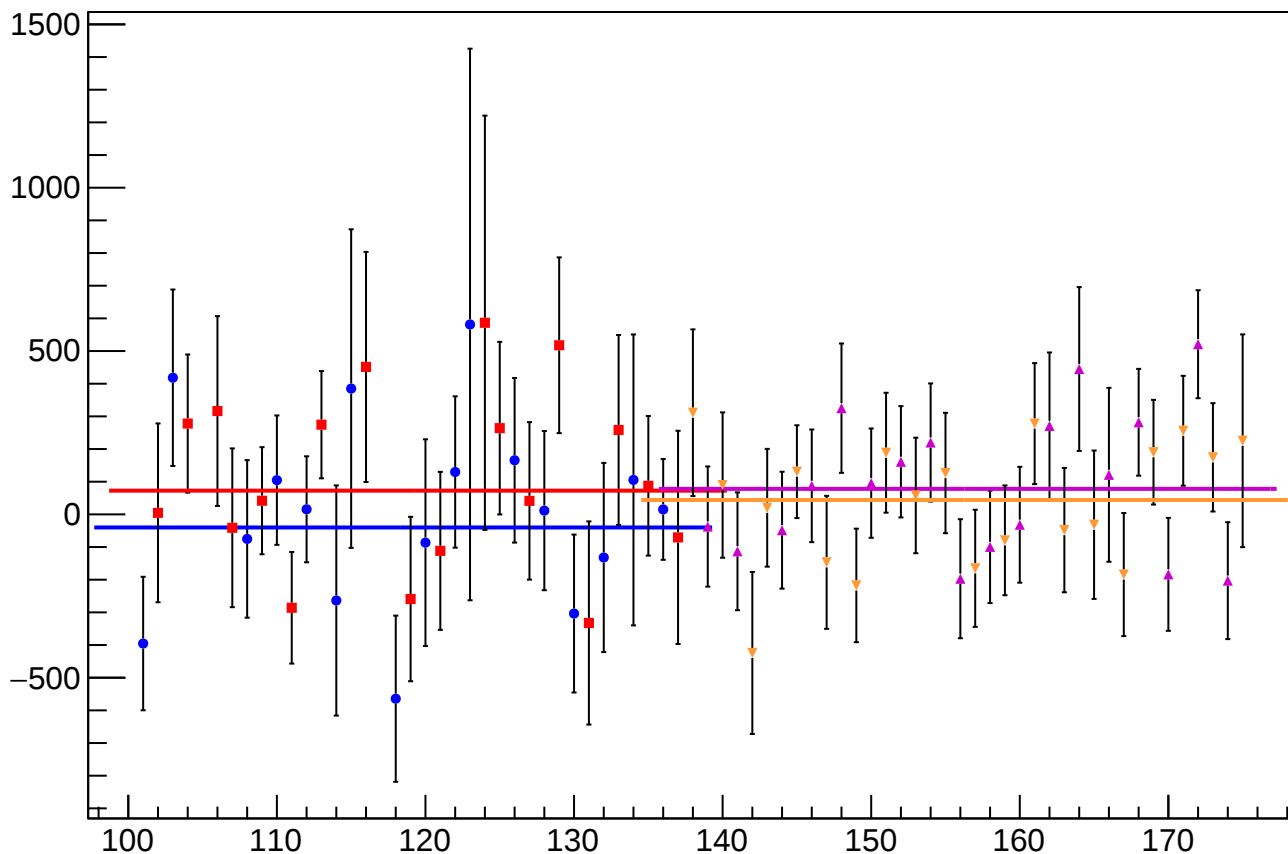
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 596.137 $\pm$ 0.098 χ^2 /NDF: 4415703.0/34

Out: 609.165 $\pm$ 0.097 χ^2 /NDF: 4442522.7/37

All: 602.736 $\pm$ 0.069 χ^2 /NDF: 8867183.5/72

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 44.048 ± 41.828 χ^2/NDF : 17.7/19

Right Out: 72.607 ± 56.313 χ^2/NDF : 17.6/17

Left In: 78.048 ± 43.208 χ^2/NDF : 24.6/17

Left: 60.496 ± 30.053 χ^2/NDF : 42.6/37

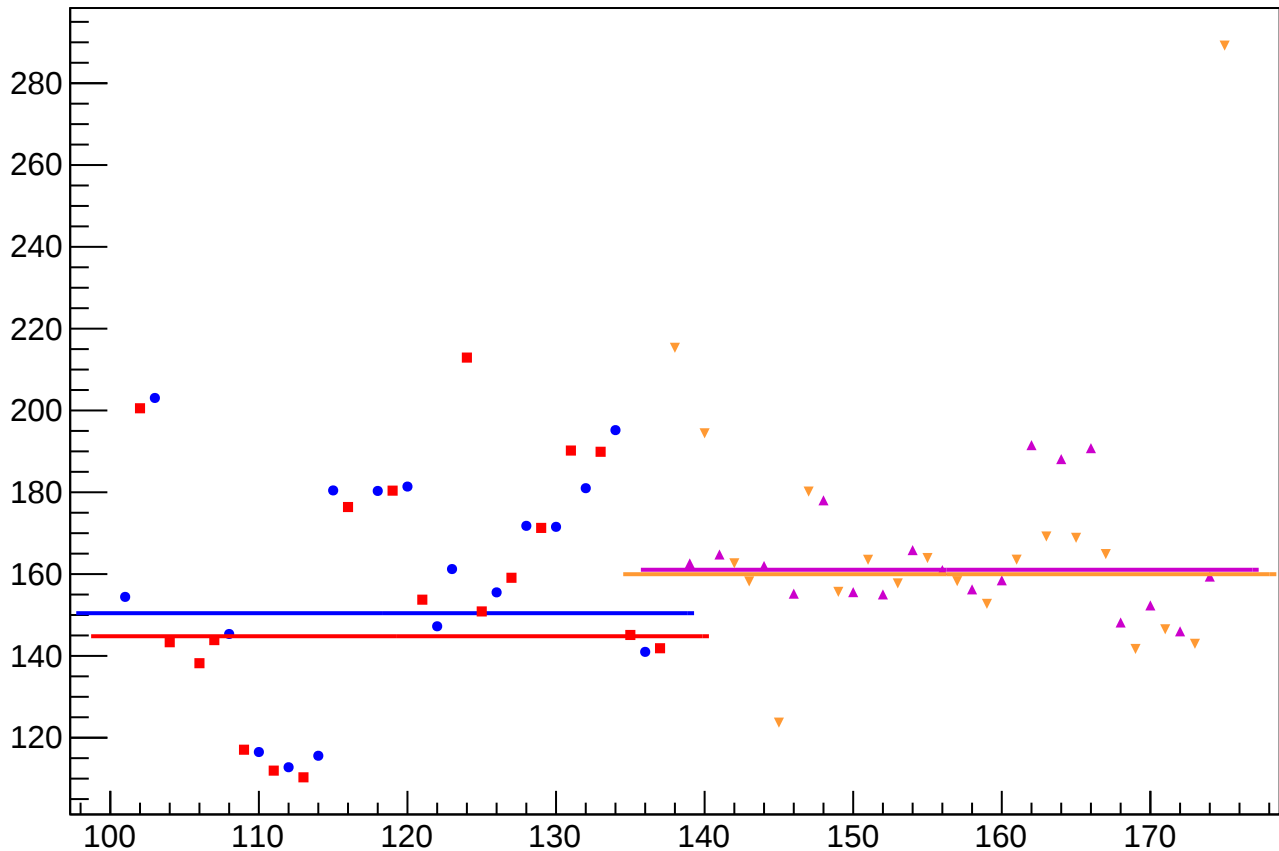
Right: 19.111 ± 40.820 χ^2/NDF : 34.8/34

In: 37.027 ± 34.913 χ^2/NDF : 42.5/34

Out: 54.202 ± 33.578 χ^2/NDF : 35.5/37

All: 45.949 ± 24.201 χ^2/NDF : 78.1/72

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 159.973 $\pm$ 0.030 χ^2 /NDF:684430.4/19

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.061 $\pm$ 0.031 χ^2 /NDF:145282.4/17

Left: 160.499 $\pm$ 0.021 χ^2 /NDF: 830367.5/37

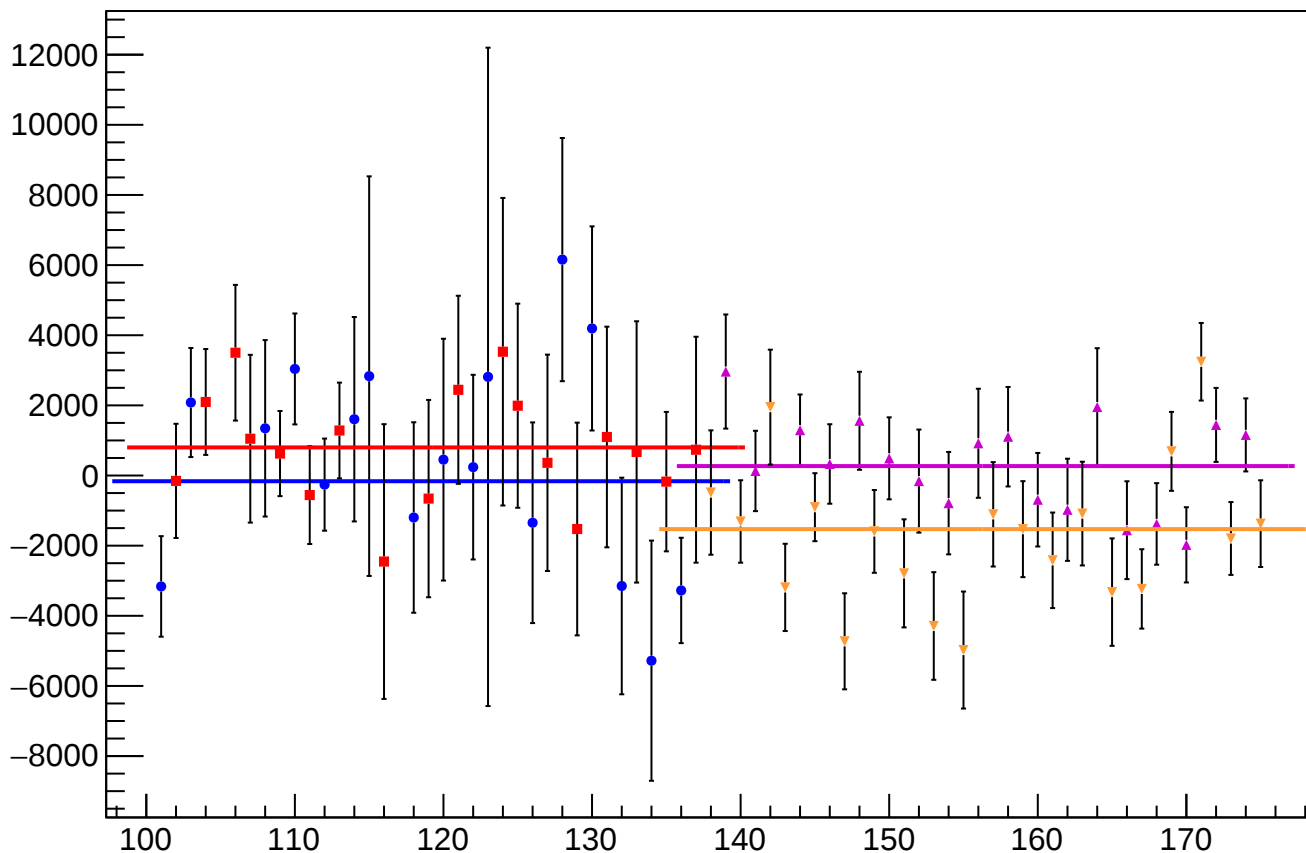
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 157.375 $\pm$ 0.025 χ^2 /NDF:587337.1/34

Out: 154.581 $\pm$ 0.024 χ^2 /NDF:1281773.9/37

All: 155.923 $\pm$ 0.017 χ^2 /NDF: 1875764.3/72

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: -1528.004 $\pm$ 289.178 χ^2 /NDF:47.6/19

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 269.019 $\pm$ 297.458 χ^2 /NDF:18.1/17

Left: -654.852 $\pm$ 207.345 χ^2 /NDF: 84.5/37

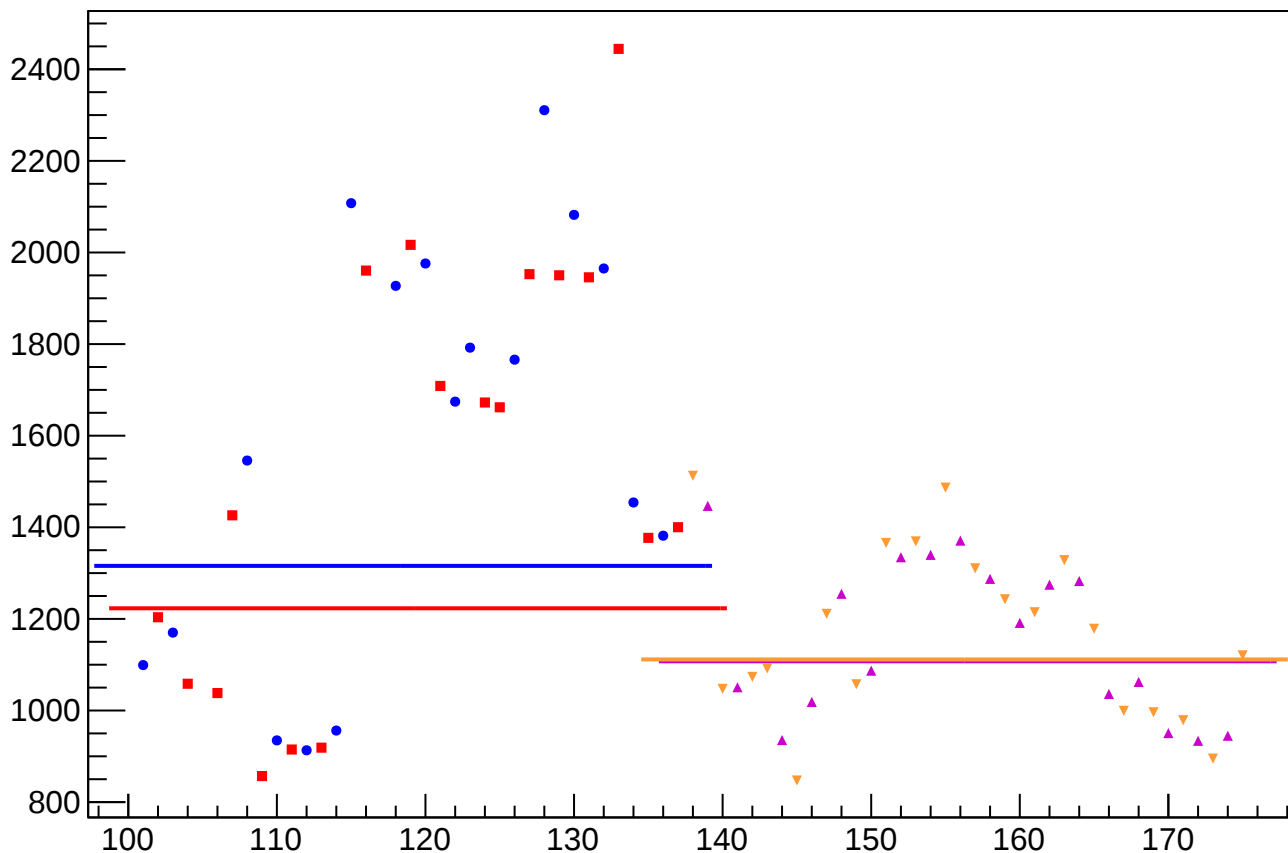
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 166.513 $\pm$ 259.765 χ^2 /NDF:43.7/34

Out: -920.126 $\pm$ 248.594 χ^2 /NDF:71.4/37

All: -400.673 $\pm$ 179.602 χ^2 /NDF: 124.2/72

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1111.464+/-0.204 χ^2/NDF : 754150.7/19

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1107.393+/-0.210 χ^2/NDF : 581979.0/17

Left: 1109.486+/-0.147 χ^2/NDF : 1336322.3/37

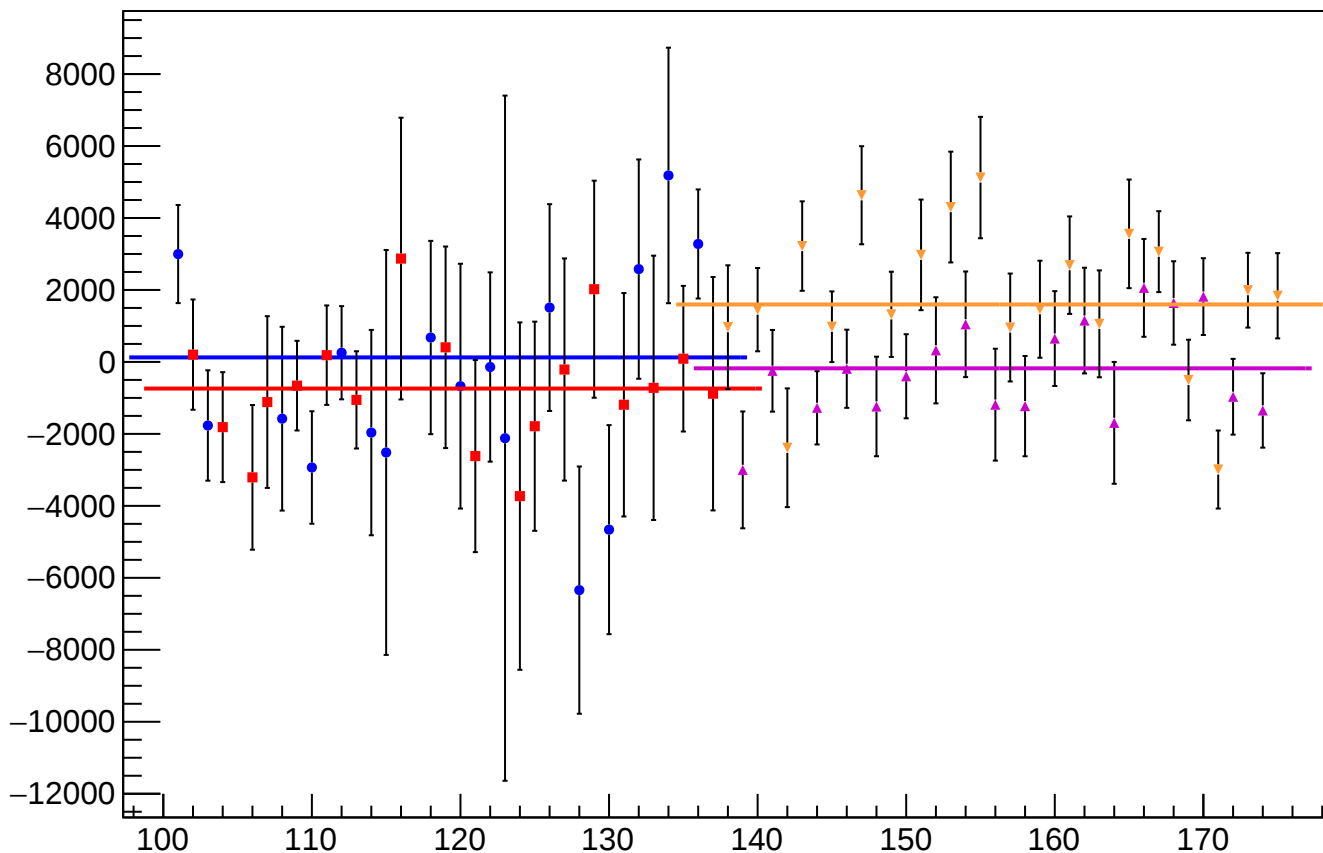
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1156.860+/-0.184 χ^2/NDF : 1933336.5/34

Out: 1140.620+/-0.176 χ^2/NDF : 2195106.6/37

All: 1148.383+/-0.127 χ^2/NDF : 4132523.6/72

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1597.409 $\pm$ 287.584 χ^2 /NDF: 47.3/19

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -178.227 $\pm$ 295.324 χ^2 /NDF: 19.1/17

Left: 733.164 $\pm$ 206.035 χ^2 /NDF: 85.0/37

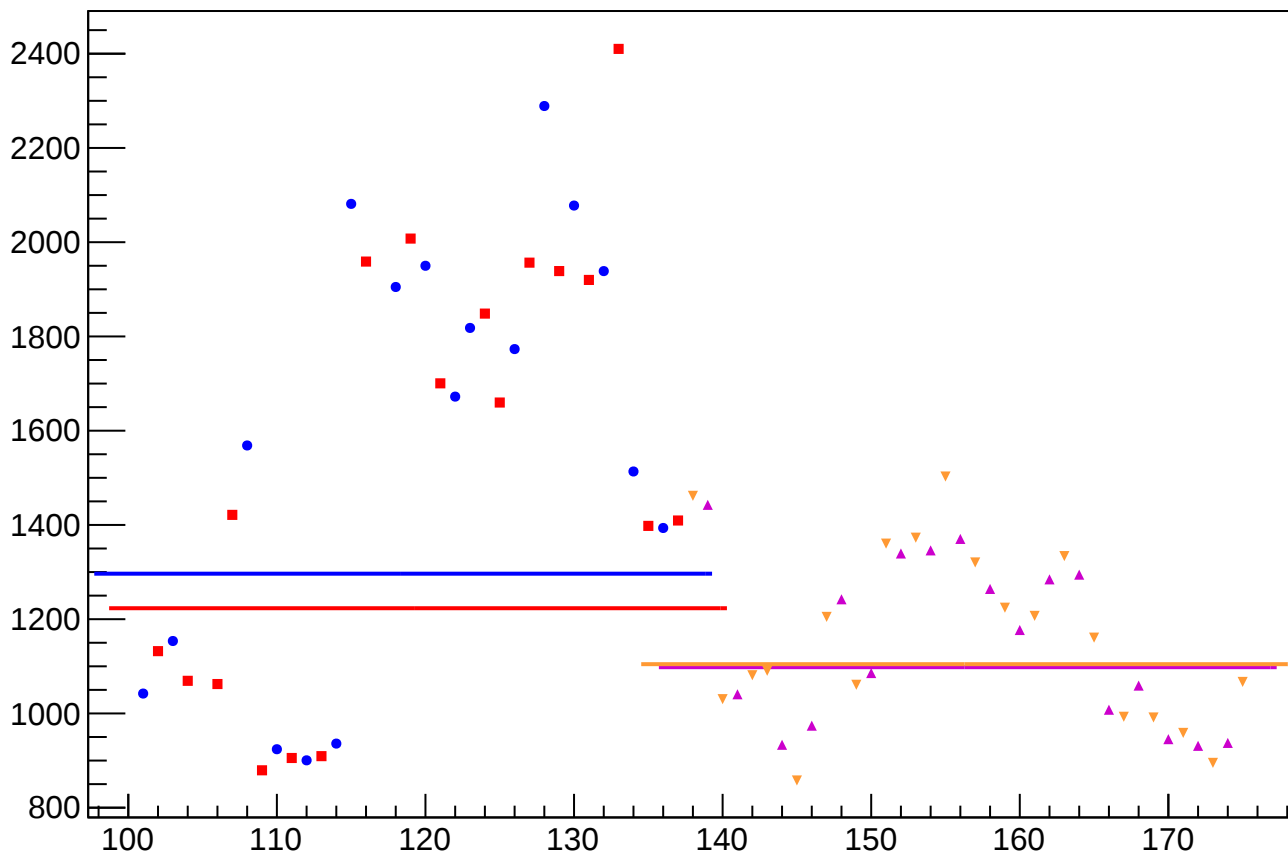
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -105.629 $\pm$ 257.606 χ^2 /NDF: 44.0/34

Out: 992.721 $\pm$ 247.606 χ^2 /NDF: 70.4/37

All: 465.279 $\pm$ 178.514 χ^2 /NDF: 123.9/72

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1104.543 $\pm$ 0.203 χ^2 /NDF: 741378.0/19

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1098.148 $\pm$ 0.209 χ^2 /NDF: 612794.9/17

Left: 1101.430 $\pm$ 0.146 χ^2 /NDF: 1354654.3/37

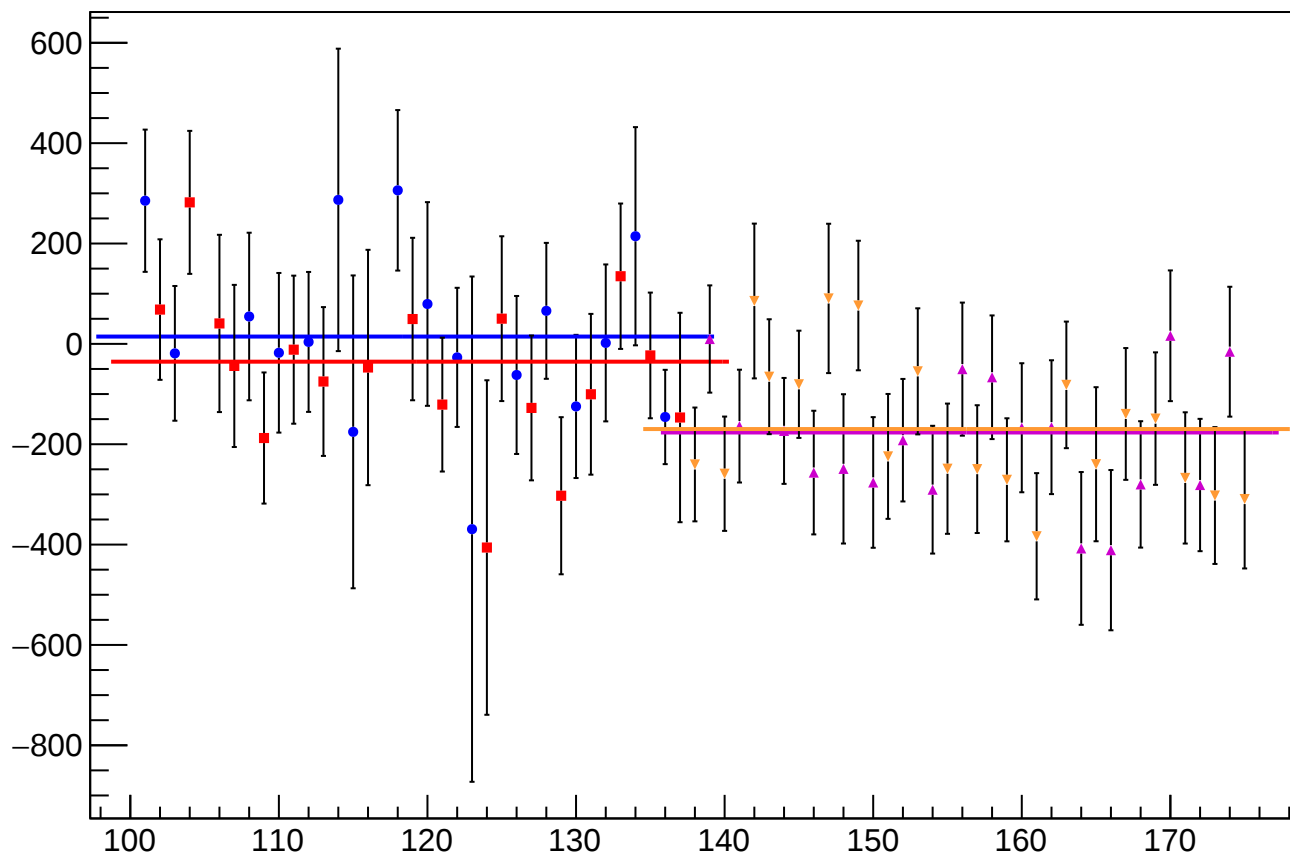
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1145.596 $\pm$ 0.182 χ^2 /NDF: 2004157.2/34

Out: 1135.259 $\pm$ 0.175 χ^2 /NDF: 2176261.5/37

All: 1140.223 $\pm$ 0.126 χ^2 /NDF: 4182092.6/72

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected

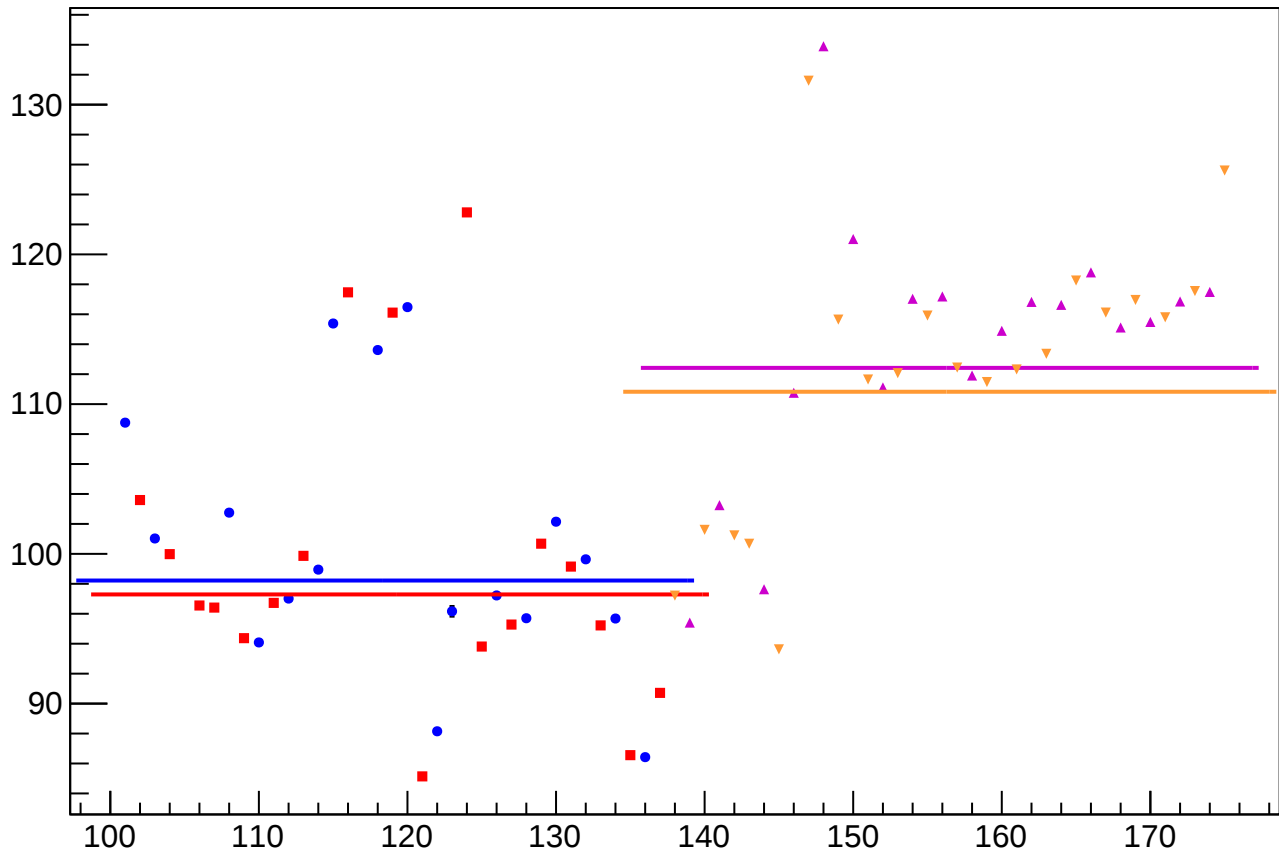


Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -169.755 ± 28.518 $\chi^2/\text{NDF}: 20.6/19$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -176.613 ± 29.931 $\chi^2/\text{NDF}: 16.3/17$

Left: -173.018 ± 20.647 $\chi^2/\text{NDF}: 37.0/37$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -103.452 ± 23.517 $\chi^2/\text{NDF}: 46.1/34$
 Out: -119.249 ± 22.525 $\chi^2/\text{NDF}: 43.5/37$

All: -111.691 ± 16.267 $\chi^2/\text{NDF}: 89.8/72$

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: 110.827 $\pm$ 0.020 χ^2/NDF : 206606.8/19

Right Out: 97.290 $\pm$ 0.026 χ^2/NDF : 96216.6/17

Left In: 112.421 $\pm$ 0.021 χ^2/NDF : 174475.1/17

Left: 111.585 $\pm$ 0.015 χ^2/NDF : 384055.4/37

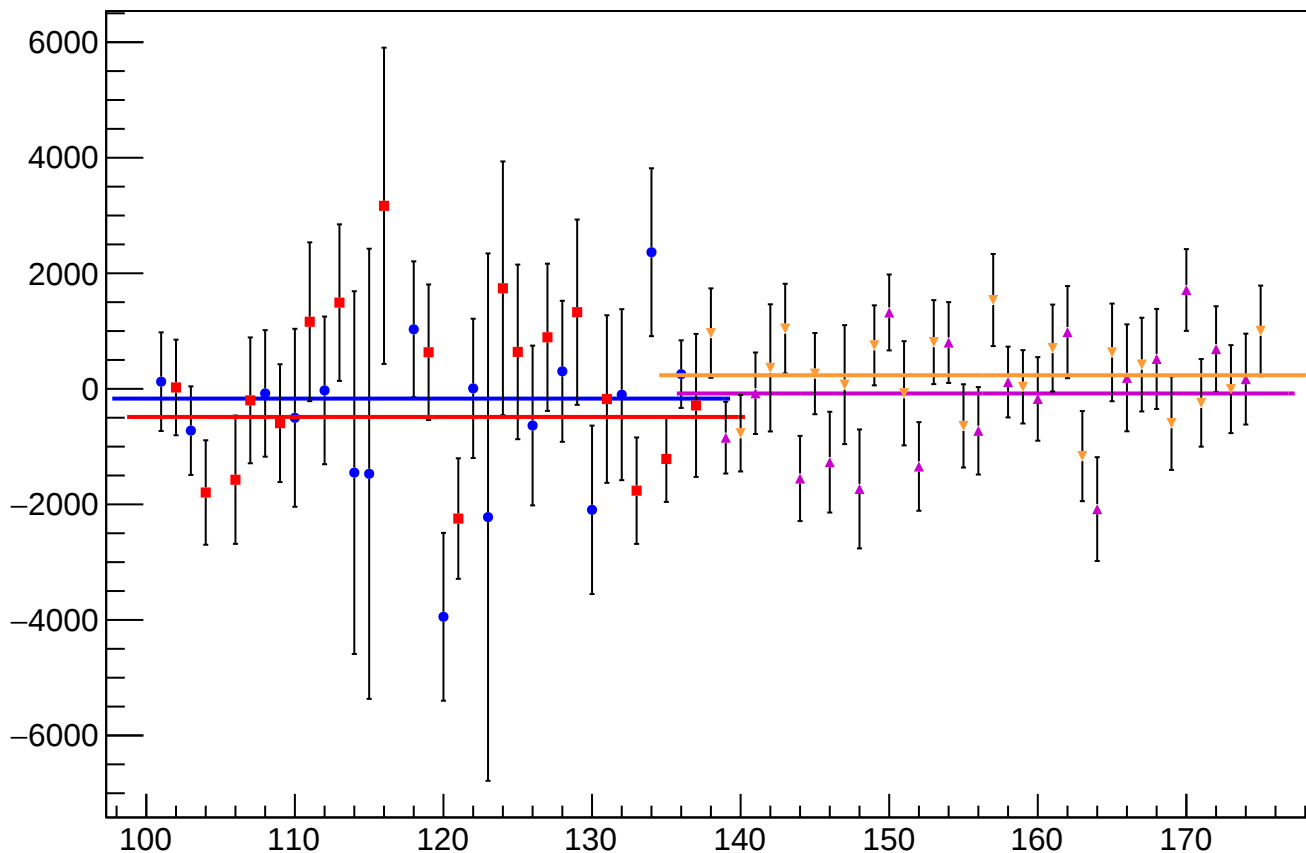
Right: 97.739 $\pm$ 0.019 χ^2/NDF : 197344.2/34

In: 106.986 $\pm$ 0.017 χ^2/NDF : 447283.9/34

Out: 105.735 $\pm$ 0.016 χ^2/NDF : 472307.1/37

All: 106.334 $\pm$ 0.012 χ^2/NDF : 922542.6/72

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 235.840 ± 172.681 $\chi^2/\text{NDF}: 16.2/19$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -80.038 ± 177.262 $\chi^2/\text{NDF}: 34.5/17$

Left: 82.035 ± 123.692 $\chi^2/\text{NDF}: 52.4/37$

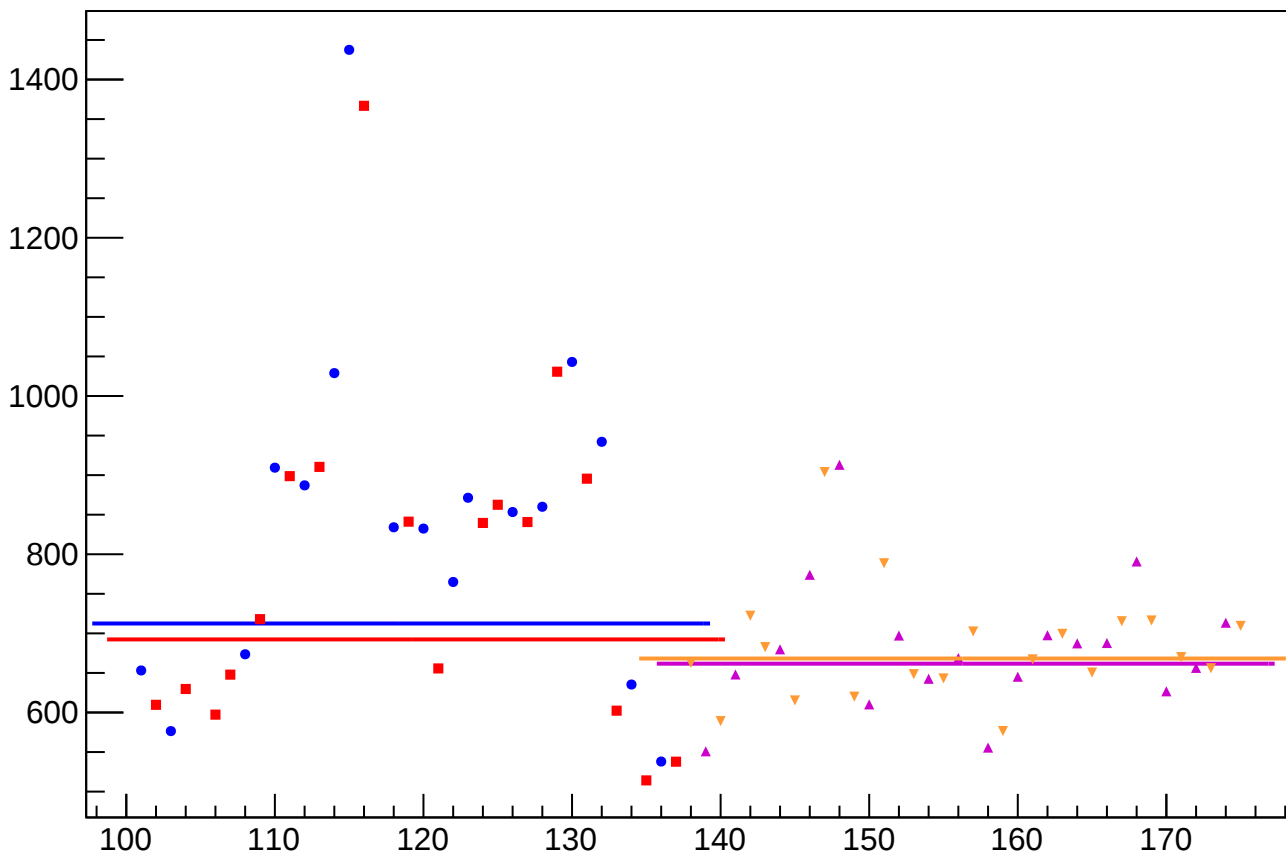
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -105.155 ± 150.102 $\chi^2/\text{NDF}: 49.2/34$

Out: 23.994 ± 145.160 $\chi^2/\text{NDF}: 41.0/37$

All: -38.419 ± 104.347 $\chi^2/\text{NDF}: 90.5/72$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 668.219 $\pm$ 0.122 χ^2 /NDF: 268901.9/19

Right Out: 692.342 $\pm$ 0.190 χ^2 /NDF: 656953.1/17

Left In: 661.689 $\pm$ 0.125 χ^2 /NDF: 362645.6/17

Left: 665.039 $\pm$ 0.087 χ^2 /NDF: 632939.7/37

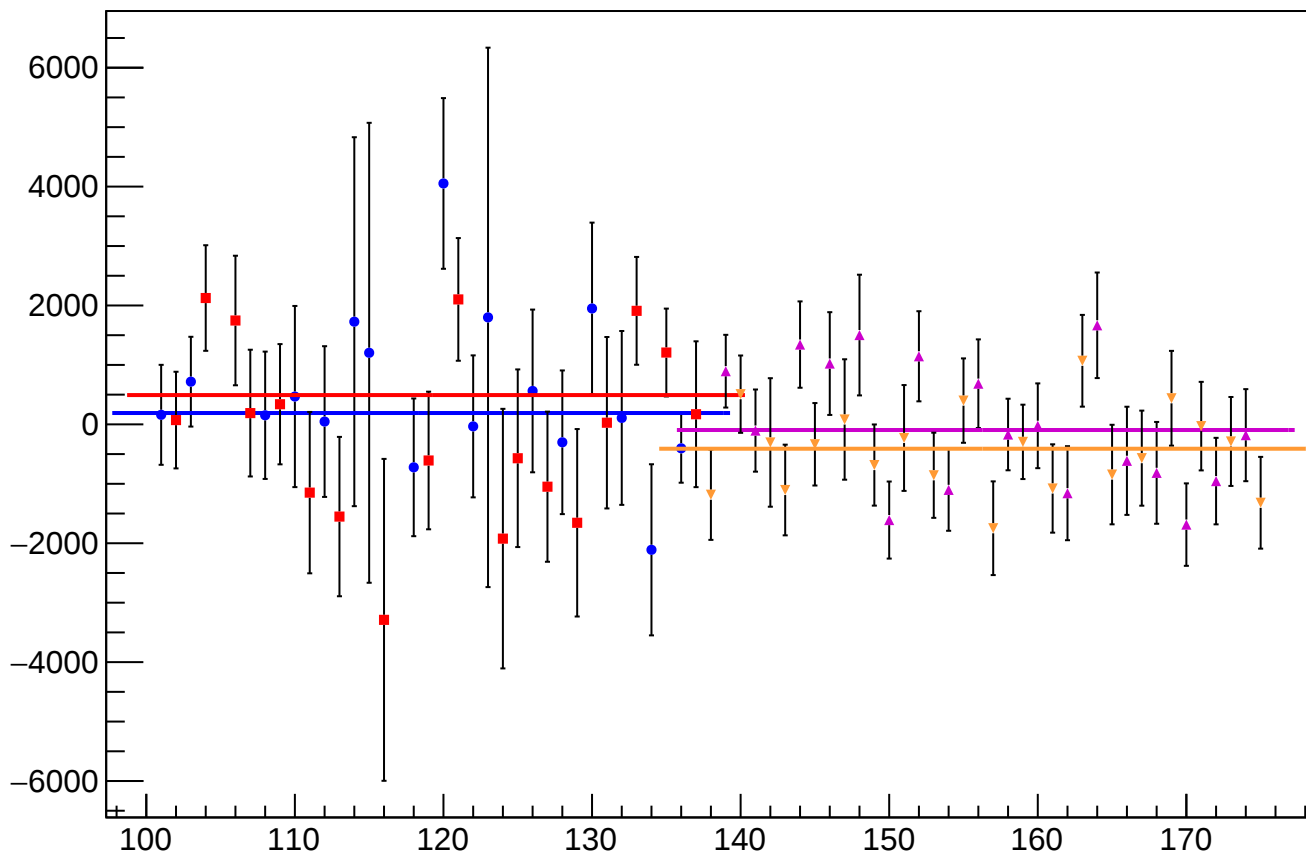
Right: 701.891 $\pm$ 0.137 χ^2 /NDF: 1322826.7/34

In: 676.060 $\pm$ 0.106 χ^2 /NDF: 1069620.0/34

Out: 675.295 $\pm$ 0.103 χ^2 /NDF: 937305.1/37

All: 675.665 $\pm$ 0.074 χ^2 /NDF: 2006952.0/72

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -409.949 $\pm$ 170.130 χ^2 /NDF:16.5/19

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: -94.963 $\pm$ 174.603 χ^2 /NDF:35.5/17

Left: -256.542 $\pm$ 121.851 χ^2 /NDF: 53.7/37

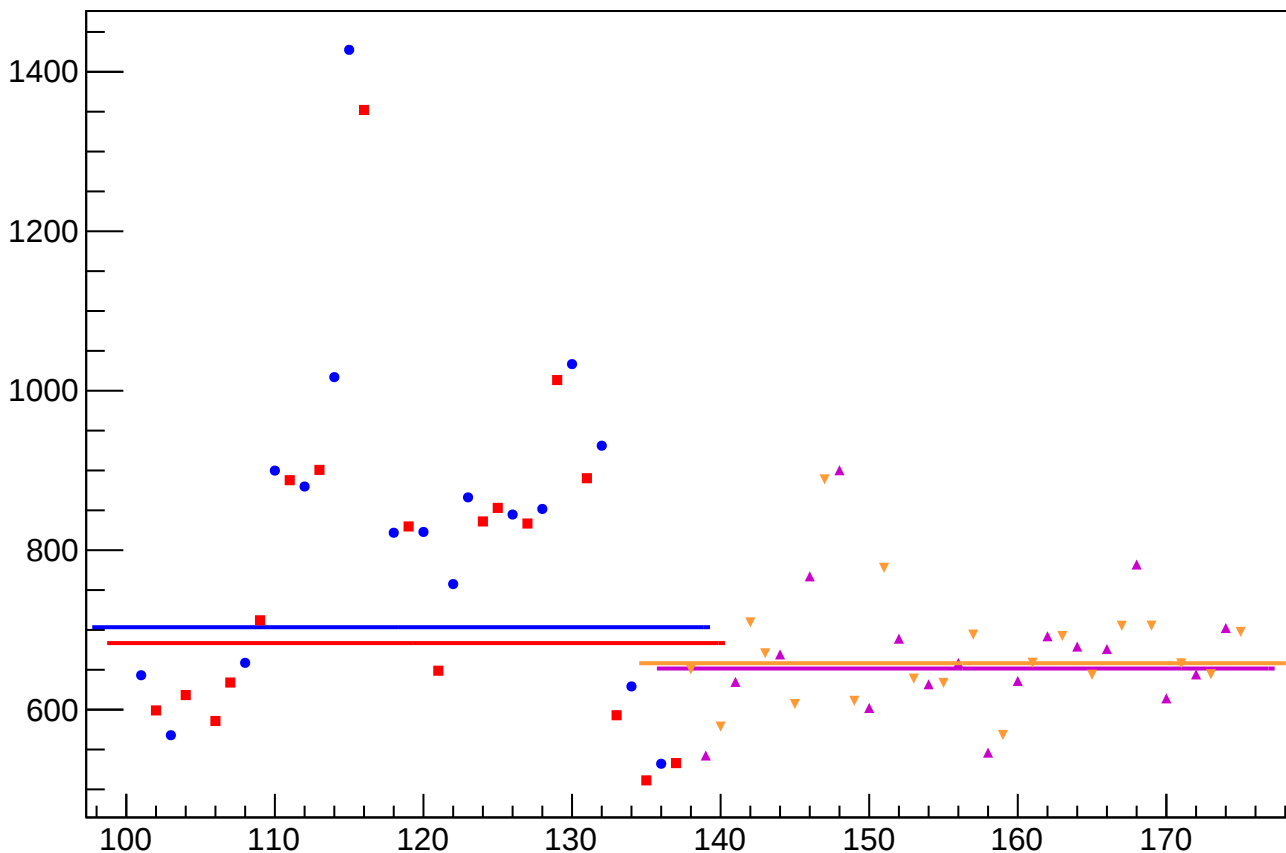
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: -14.382 $\pm$ 147.959 χ^2 /NDF:50.5/34

Out: -145.948 $\pm$ 143.107 χ^2 /NDF:47.5/37

All: -82.358 $\pm$ 102.865 χ^2 /NDF: 98.4/72

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 658.218 $\pm$ 0.120 χ^2 /NDF: 268970.3/19

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 651.585 $\pm$ 0.123 χ^2 /NDF: 372086.3/17

Left: 654.988 $\pm$ 0.086 χ^2 /NDF: 642537.2/37

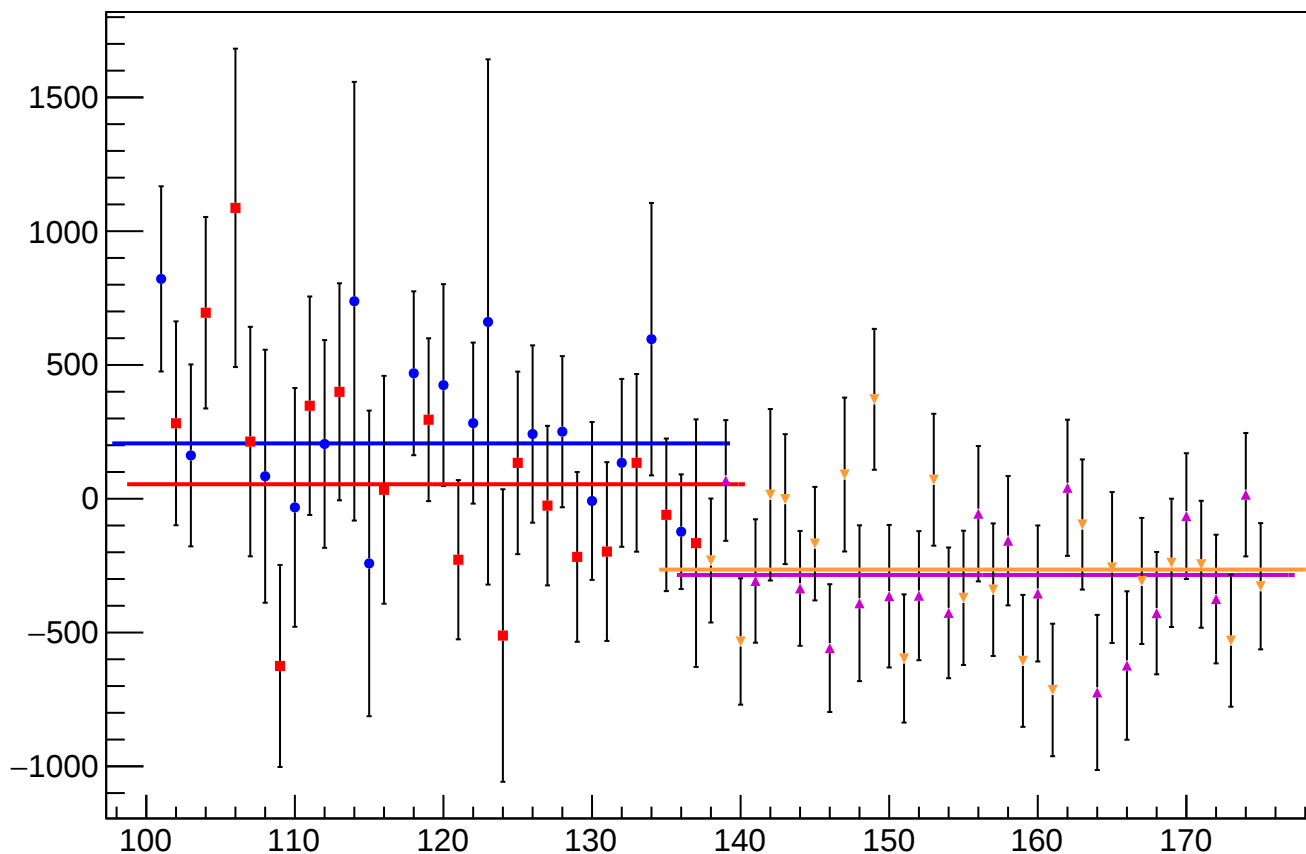
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 666.194 $\pm$ 0.105 χ^2 /NDF: 1088635.5/34

Out: 665.610 $\pm$ 0.101 χ^2 /NDF: 941234.7/37

All: 665.892 $\pm$ 0.073 χ^2 /NDF: 2029886.3/72

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2/NDF : 9.5/16

Left Out: -264.656 $\pm$ 55.233 χ^2/NDF :21.8/19

Right Out: 54.185 $\pm$ 85.192 χ^2/NDF : 15.7/17

Left In: -284.809 $\pm$ 57.794 χ^2/NDF :14.2/17

Left: -274.276 $\pm$ 39.930 χ^2/NDF : 36.1/37

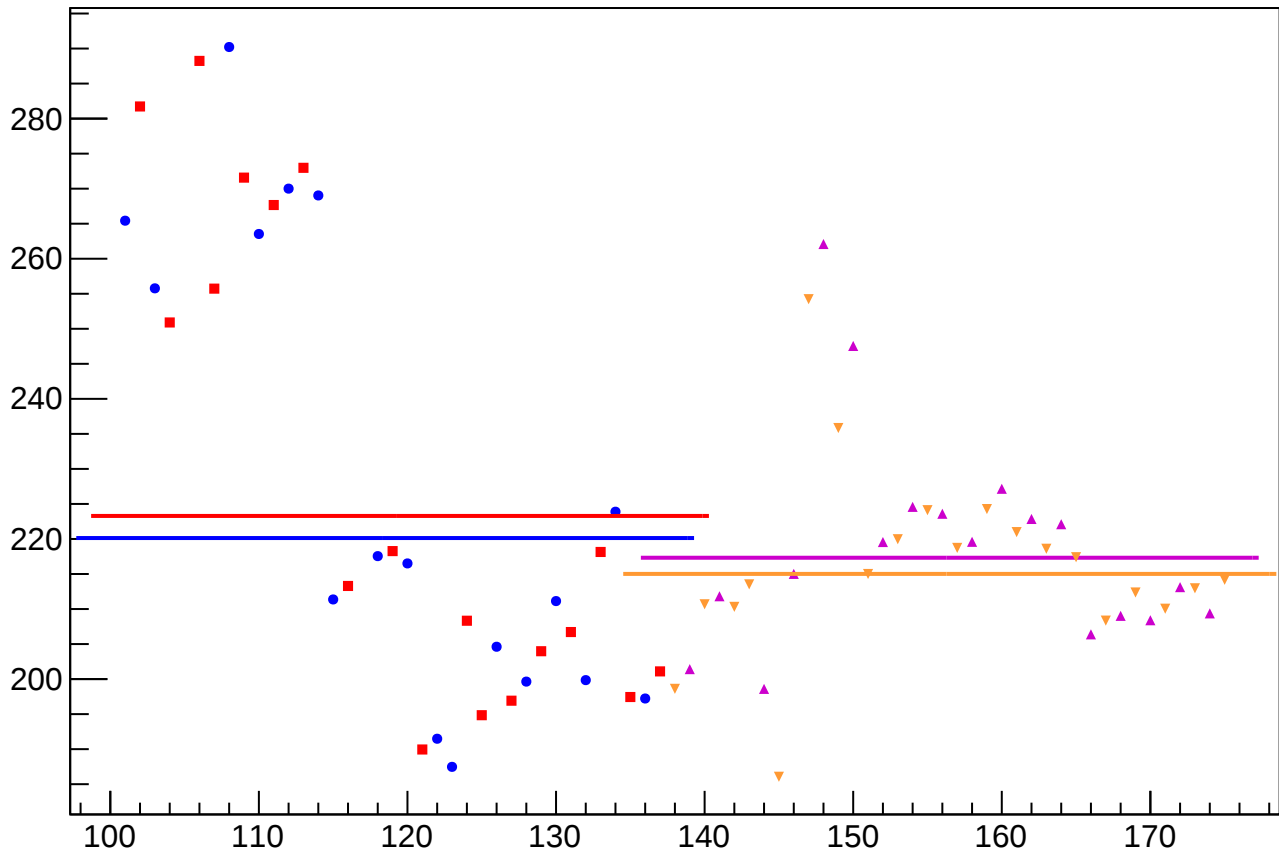
Right: 130.137 $\pm$ 60.395 χ^2/NDF : 26.8/34

In: -130.934 $\pm$ 47.904 χ^2/NDF :46.3/34

Out: -170.299 $\pm$ 46.345 χ^2/NDF :47.4/37

All: -151.268 $\pm$ 33.308 χ^2/NDF : 94.0/72

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: 215.014 ± 0.039 $\chi^2/\text{NDF}: 109474.7/19$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 217.321 ± 0.041 $\chi^2/\text{NDF}: 118963.5/17$

Left: 216.115 ± 0.028 $\chi^2/\text{NDF}: 230104.7/37$

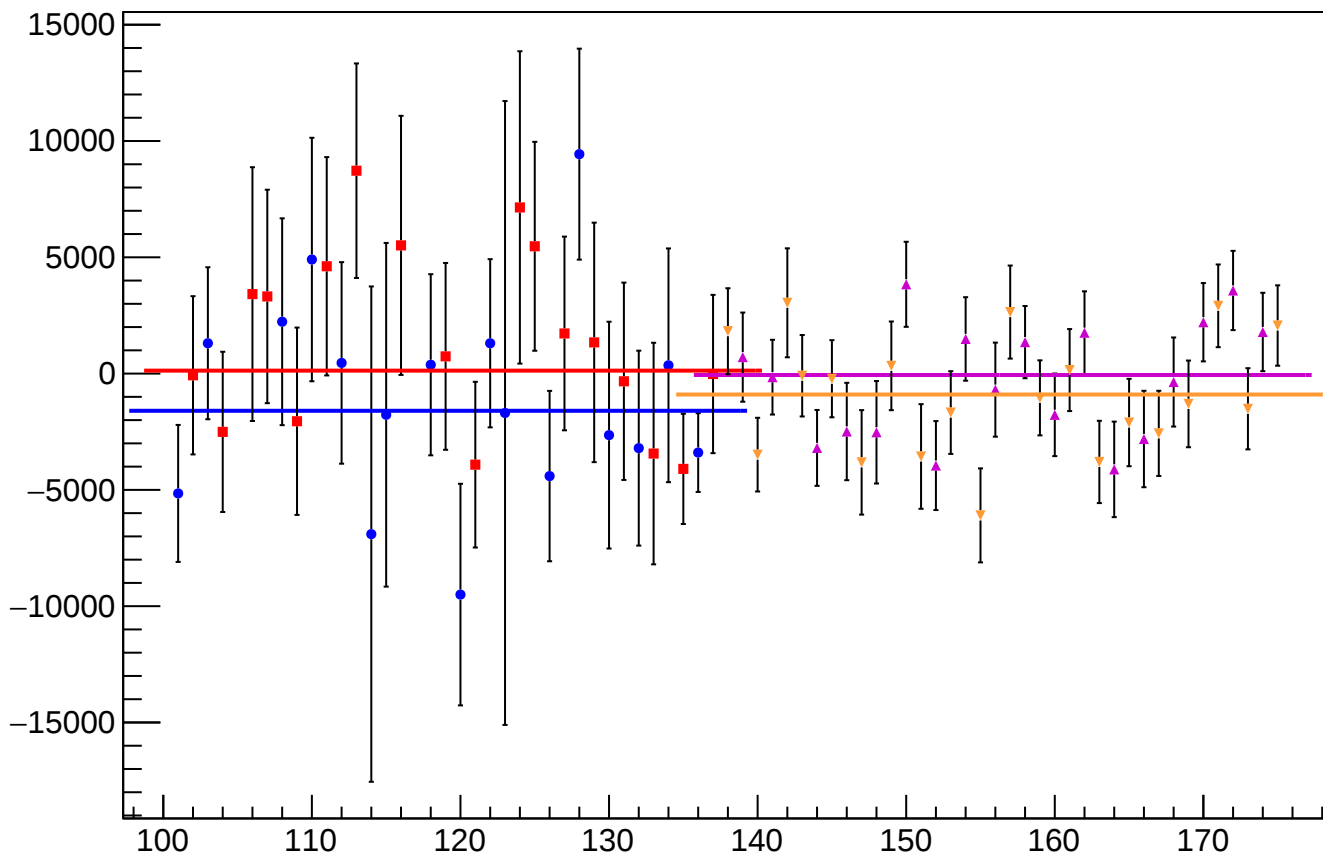
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 218.201 ± 0.034 $\chi^2/\text{NDF}: 348888.6/34$

Out: 217.462 ± 0.033 $\chi^2/\text{NDF}: 395011.6/37$

All: 217.819 ± 0.024 $\chi^2/\text{NDF}: 744146.1/72$

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: -899.651 $\pm$ 411.023 χ^2 /NDF:33.5/19

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -60.718 $\pm$ 428.913 χ^2 /NDF:32.1/17

Left: -498.045 $\pm$ 296.760 χ^2 /NDF: 67.6/37

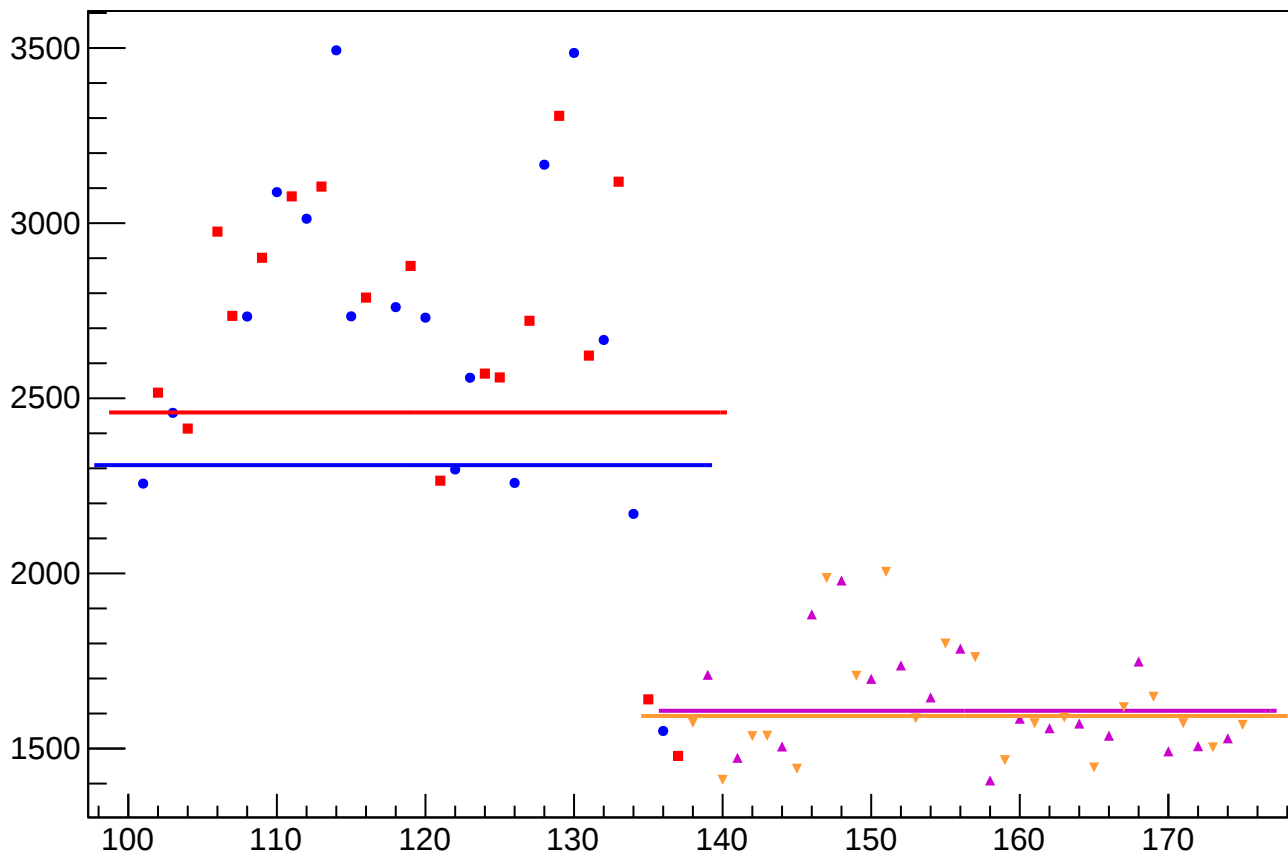
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -334.868 $\pm$ 388.820 χ^2 /NDF:51.0/34

Out: -737.393 $\pm$ 377.173 χ^2 /NDF:49.3/37

All: -542.250 $\pm$ 270.726 χ^2 /NDF: 100.8/72

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: 1592.925 $\pm$ 0.291 χ^2 /NDF: 250055.4/19

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1607.817 $\pm$ 0.303 χ^2 /NDF: 218827.4/17

Left: 1600.054 $\pm$ 0.210 χ^2 /NDF: 470139.7/37

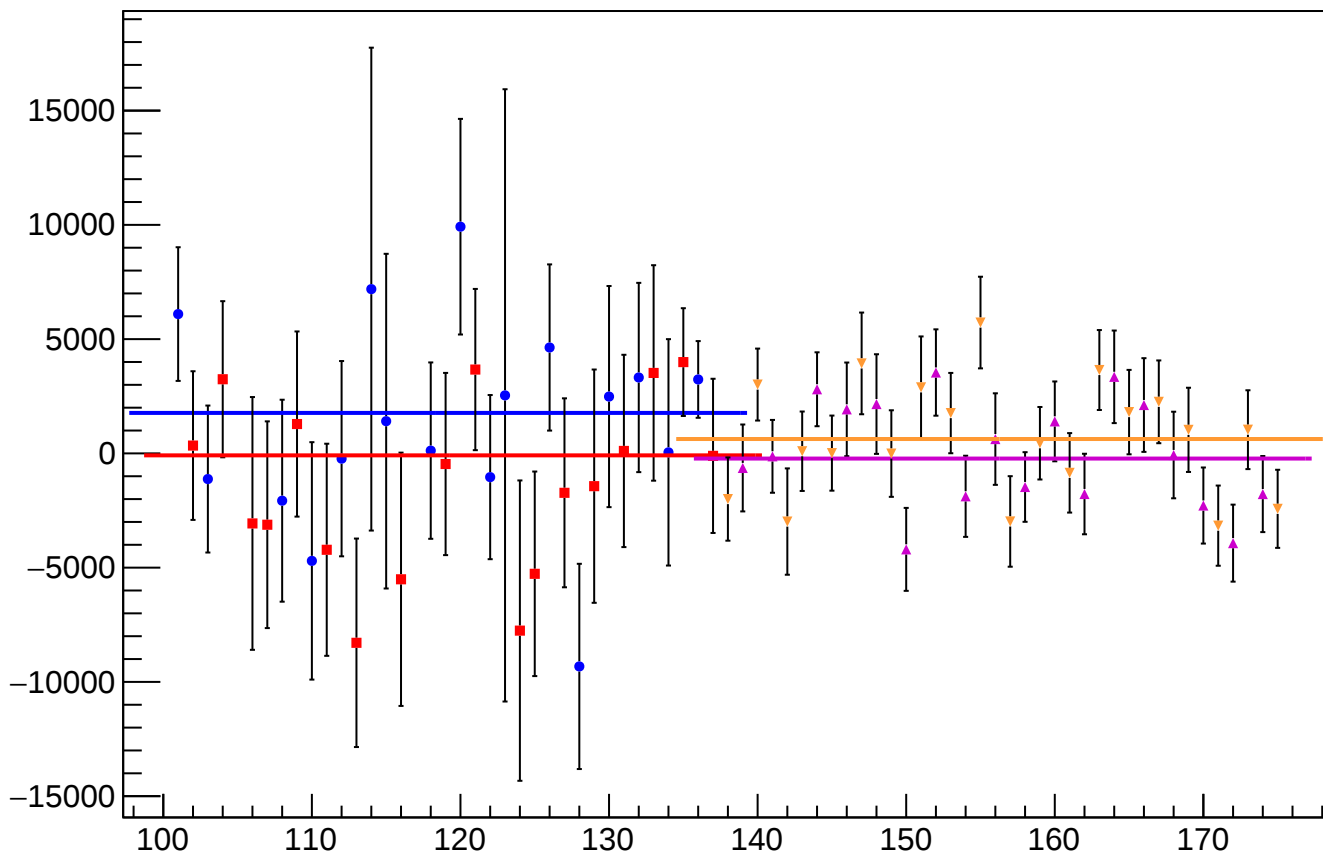
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1732.800 $\pm$ 0.275 χ^2 /NDF: 1972475.2/34

Out: 1729.799 $\pm$ 0.267 χ^2 /NDF: 2322586.7/37

All: 1731.254 $\pm$ 0.191 χ^2 /NDF: 4295123.3/72

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 629.033+/-406.515 χ^2/NDF : 33.5/19

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: -226.458+/-423.852 χ^2/NDF : 29.6/17

Left: 219.141+/-293.387 χ^2/NDF : 65.2/37

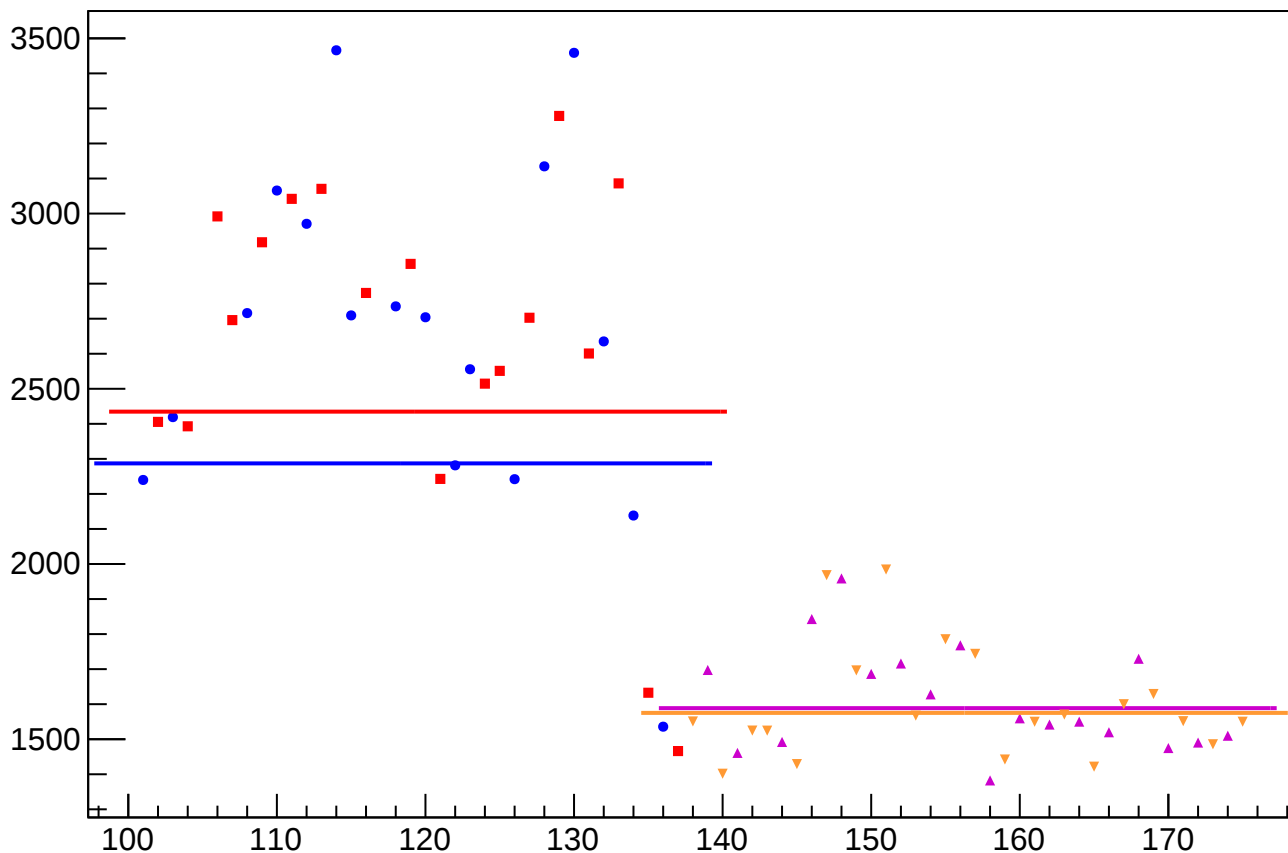
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 128.183+/-384.394 χ^2/NDF : 50.9/34

Out: 516.332+/-373.109 χ^2/NDF : 48.4/37

All: 328.038+/-267.729 χ^2/NDF : 99.9/72

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1575.145+/-0.287 χ^2/NDF : 254227.0/19

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1588.678+/-0.300 χ^2/NDF : 220199.5/17

Left: 1581.629+/-0.207 χ^2/NDF : 475488.4/37

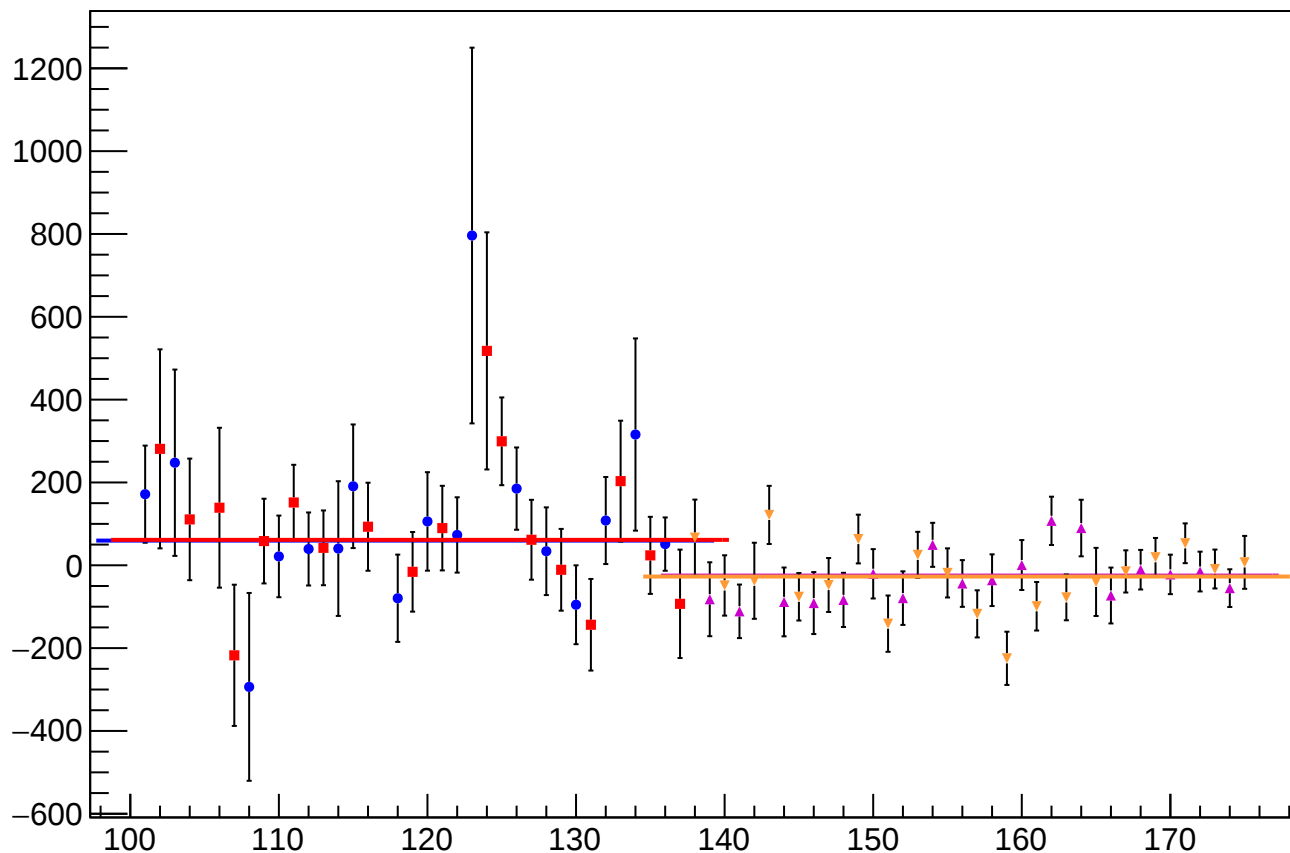
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1712.663+/-0.272 χ^2/NDF : 1983629.7/34

Out: 1710.624+/-0.264 χ^2/NDF : 2330660.0/37

All: 1711.613+/-0.189 χ^2/NDF : 4314318.6/72

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -27.150 ± 13.390 χ^2/NDF : 31.1/19

Right Out: 61.399 ± 27.011 χ^2/NDF : 19.7/17

Left In: -24.863 ± 13.915 χ^2/NDF : 16.4/17

Left: -26.051 ± 9.648 χ^2/NDF : 47.6/37

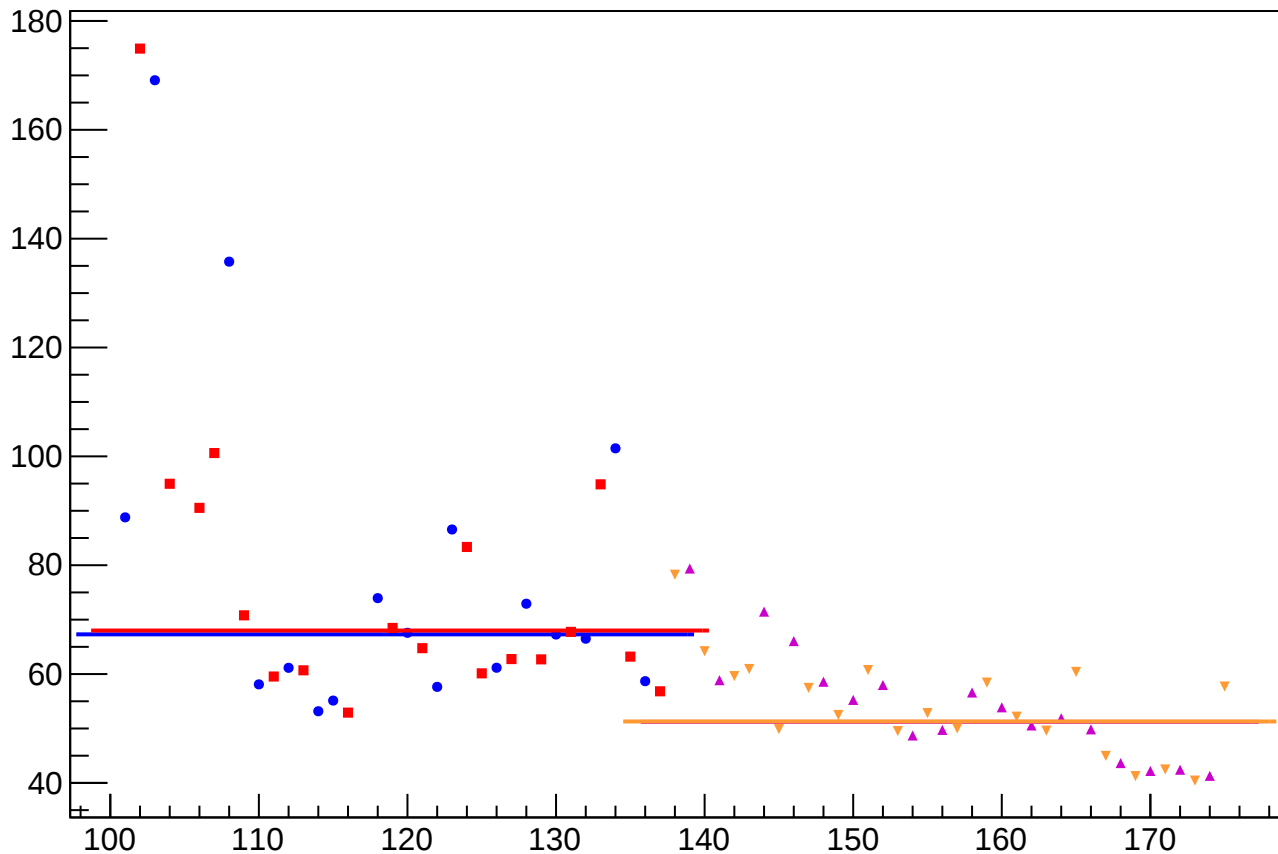
Right: 60.530 ± 19.124 χ^2/NDF : 35.0/34

In: -7.209 ± 12.376 χ^2/NDF : 39.5/34

Out: -9.682 ± 11.997 χ^2/NDF : 59.5/37

All: -8.484 ± 8.614 χ^2/NDF : 98.9/72

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: 51.289 ± 0.009 $\chi^2/\text{NDF}: 722257.8/19$

Right Out: 67.998 ± 0.019 $\chi^2/\text{NDF}: 754329.7/17$

Left In: 51.214 ± 0.010 $\chi^2/\text{NDF}: 791148.8/17$

Left: 51.253 ± 0.007 $\chi^2/\text{NDF}: 1513436.4/37$

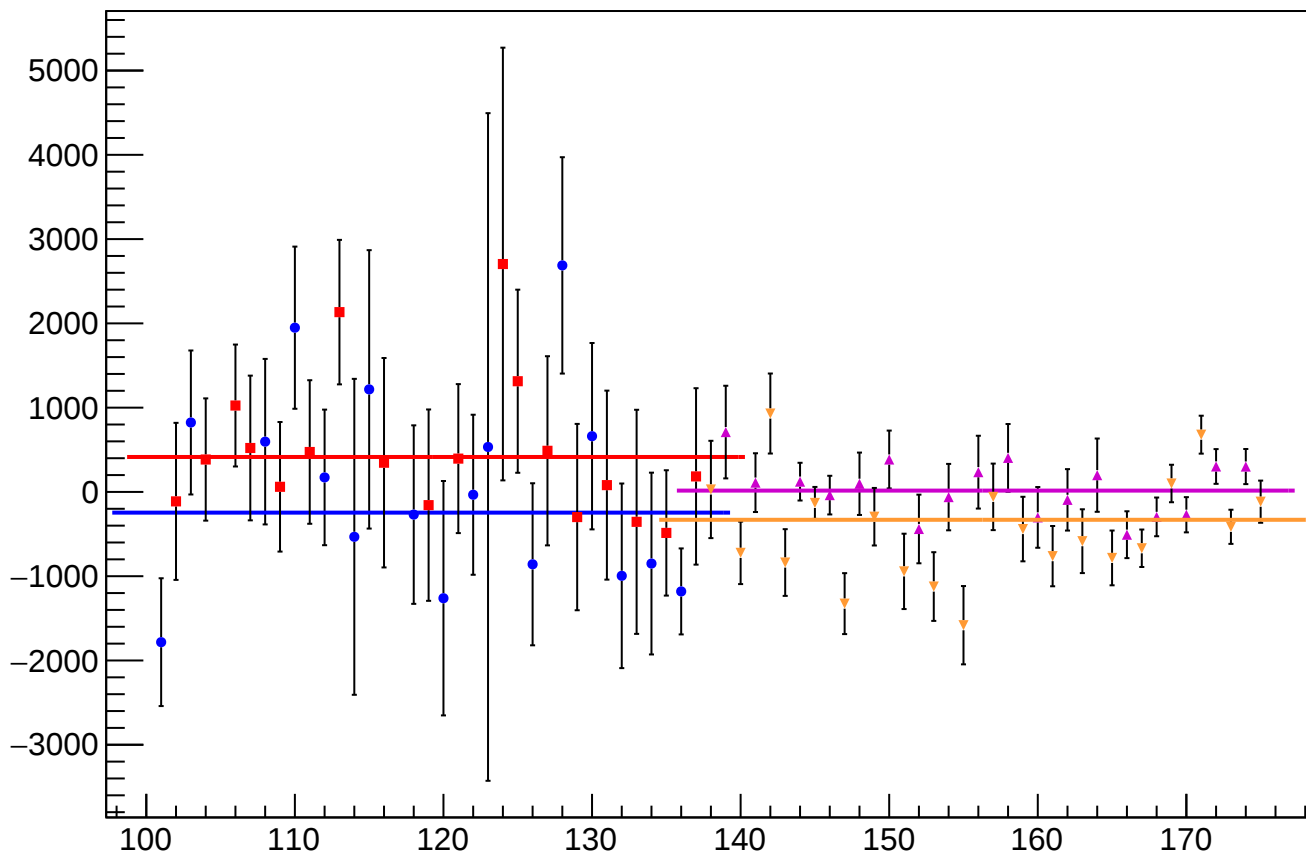
Right: 67.648 ± 0.014 $\chi^2/\text{NDF}: 1596354.2/34$

In: 54.574 ± 0.009 $\chi^2/\text{NDF}: 2190588.8/34$

Out: 54.585 ± 0.008 $\chi^2/\text{NDF}: 2090979.0/37$

All: 54.580 ± 0.006 $\chi^2/\text{NDF}: 4281568.7/72$

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: -330.624 $\pm$ 67.601 χ^2 /NDF:63.3/19

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 15.781 $\pm$ 68.642 χ^2 /NDF:17.8/17

Left: -160.068 $\pm$ 48.165 χ^2 /NDF: 94.0/37

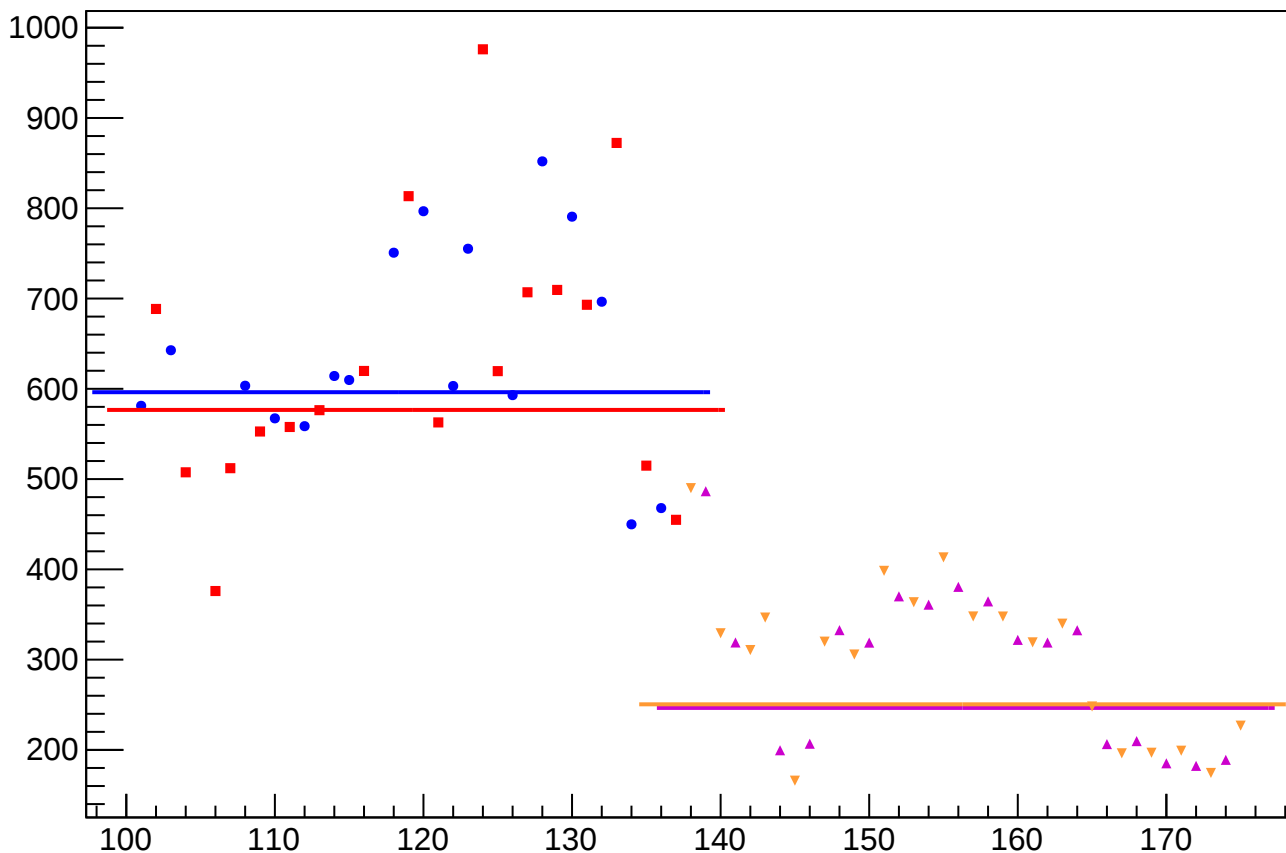
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: -4.704 $\pm$ 65.898 χ^2 /NDF:42.6/34

Out: -267.784 $\pm$ 64.689 χ^2 /NDF:82.9/37

All: -138.680 $\pm$ 46.163 χ^2 /NDF: 133.7/72

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 250.503+/-0.048 χ^2/NDF : 2800816.3/19

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 246.523+/-0.049 χ^2/NDF : 2387264.7/17

Left: 248.544+/-0.034 χ^2/NDF : 5191494.3/37

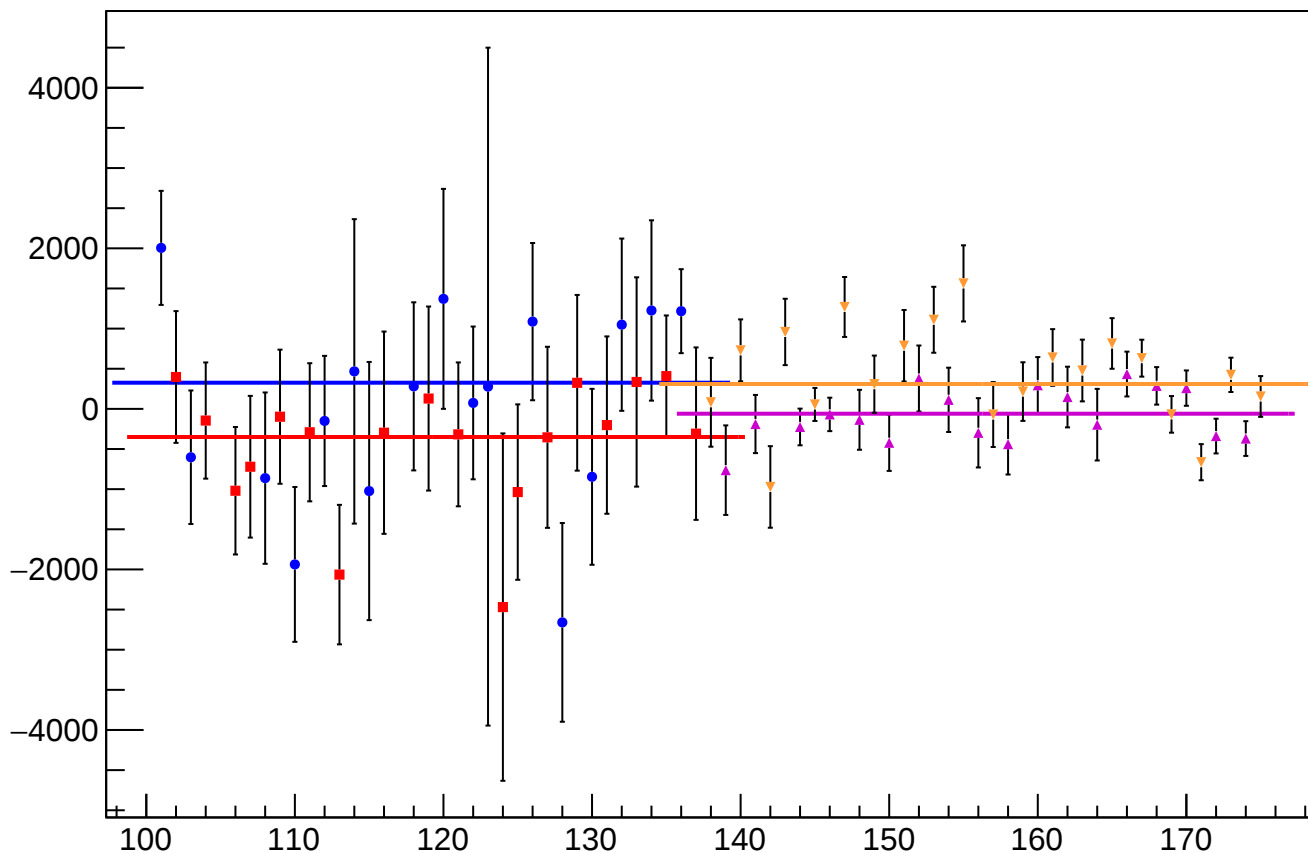
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 273.929+/-0.047 χ^2/NDF : 6877674.9/34

Out: 277.997+/-0.046 χ^2/NDF : 7298441.6/37

All: 276.001+/-0.033 χ^2/NDF : 14179998.9/72

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077+/-235.599 χ^2/NDF : 26.9/16

Left Out: 309.840+/-69.407 χ^2/NDF :58.9/19

Right Out: -350.392+/-225.254 χ^2/NDF : 9.0/17

Left In: -60.130+/-69.410 χ^2/NDF :18.5/17

Left: 124.863+/-49.079 χ^2/NDF : 91.7/37

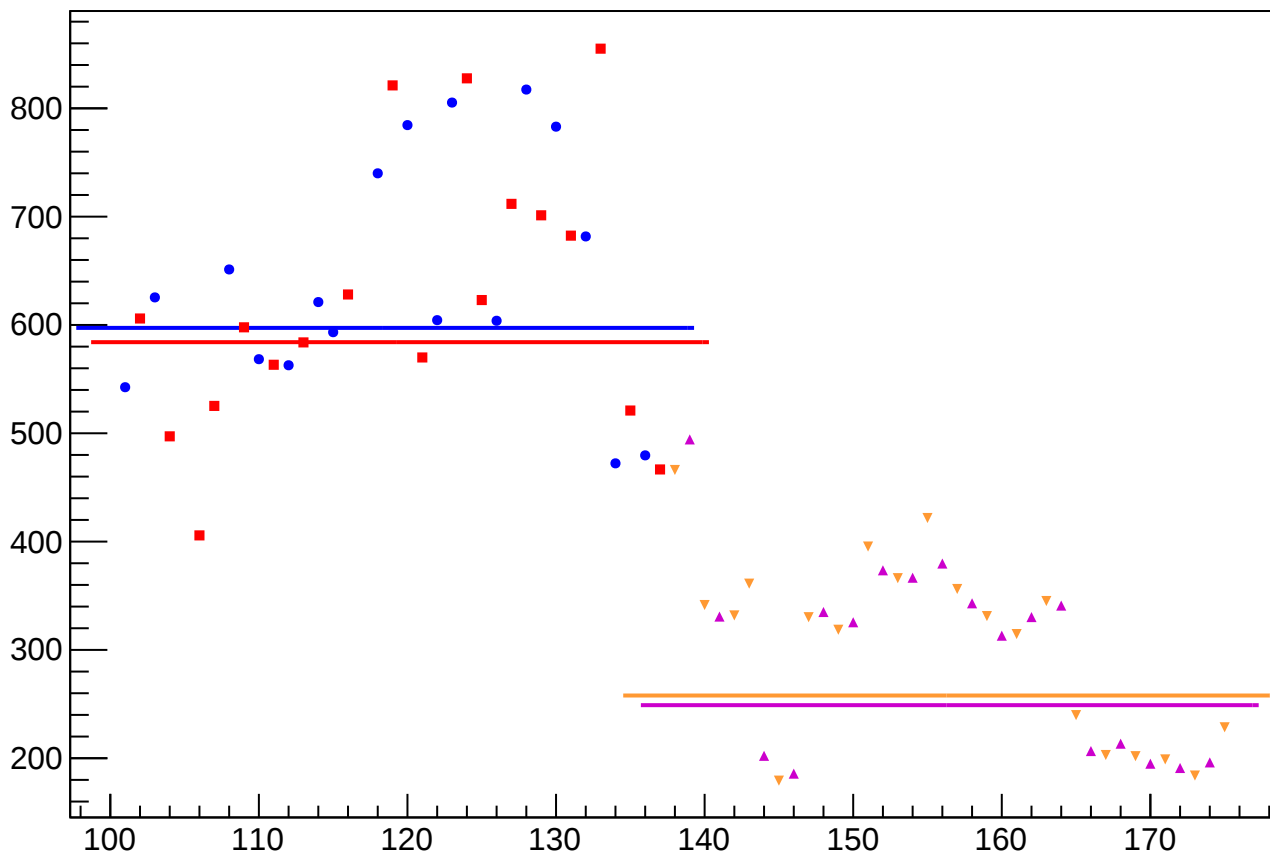
Right: -27.335+/-162.813 χ^2/NDF : 40.2/34

In: -29.286+/-66.581 χ^2/NDF :47.9/34

Out: 252.591+/-66.330 χ^2/NDF :75.8/37

All: 112.185+/-46.991 χ^2/NDF : 132.6/72

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 257.901 $\pm$ 0.049 χ^2/NDF : 2536105.7/19

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 248.986 $\pm$ 0.049 χ^2/NDF : 2342048.8/17

Left: 253.444 $\pm$ 0.035 χ^2/NDF : 4894652.8/37

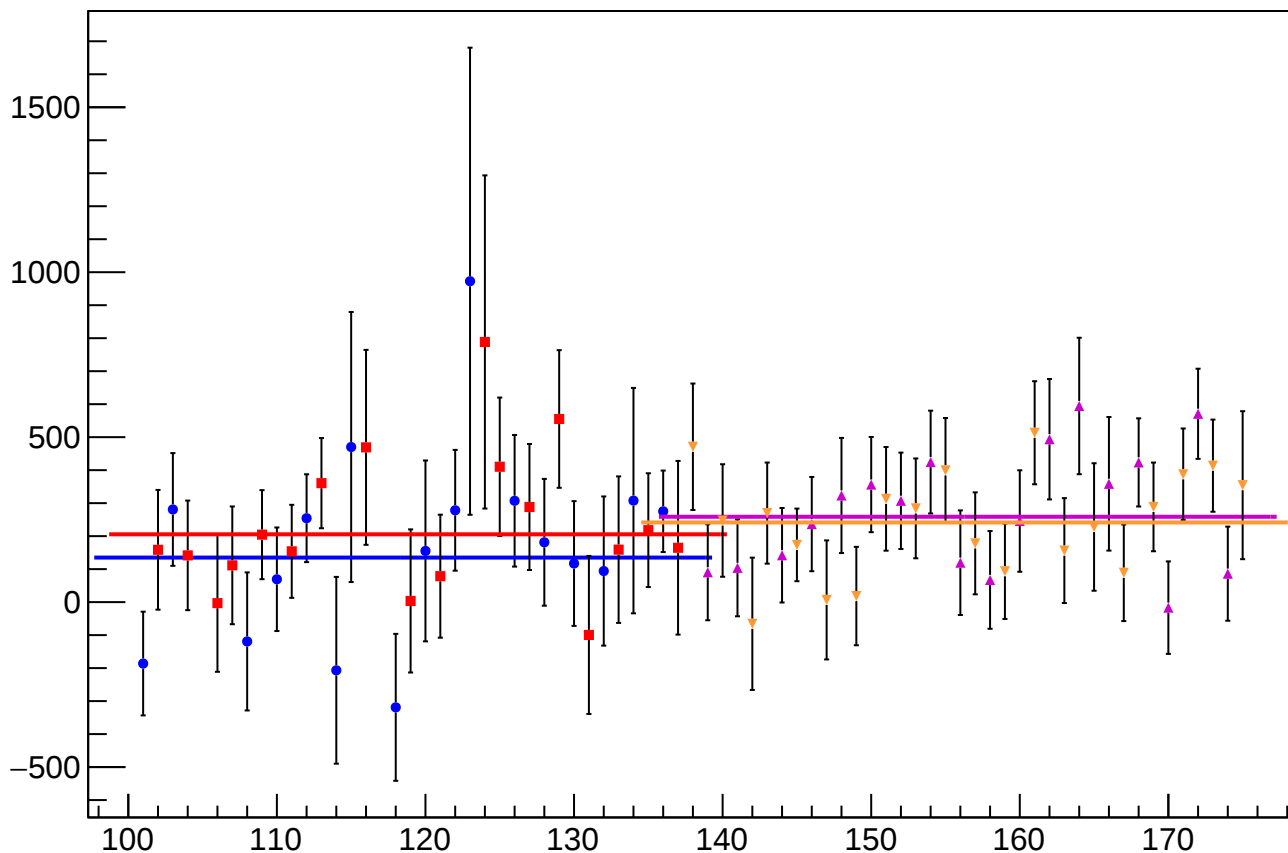
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 276.803 $\pm$ 0.047 χ^2/NDF : 6727980.1/34

Out: 286.187 $\pm$ 0.047 χ^2/NDF : 6813793.1/37

All: 281.513 $\pm$ 0.033 χ^2/NDF : 13561710.6/72

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 ± 47.025 $\chi^2/\text{NDF}: 18.1/16$

Left Out: 241.505 ± 34.641 $\chi^2/\text{NDF}: 18.0/19$

Right Out: 205.590 ± 44.536 $\chi^2/\text{NDF}: 12.0/17$

Left In: 258.717 ± 35.912 $\chi^2/\text{NDF}: 24.0/17$

Left: 249.801 ± 24.932 $\chi^2/\text{NDF}: 42.2/37$

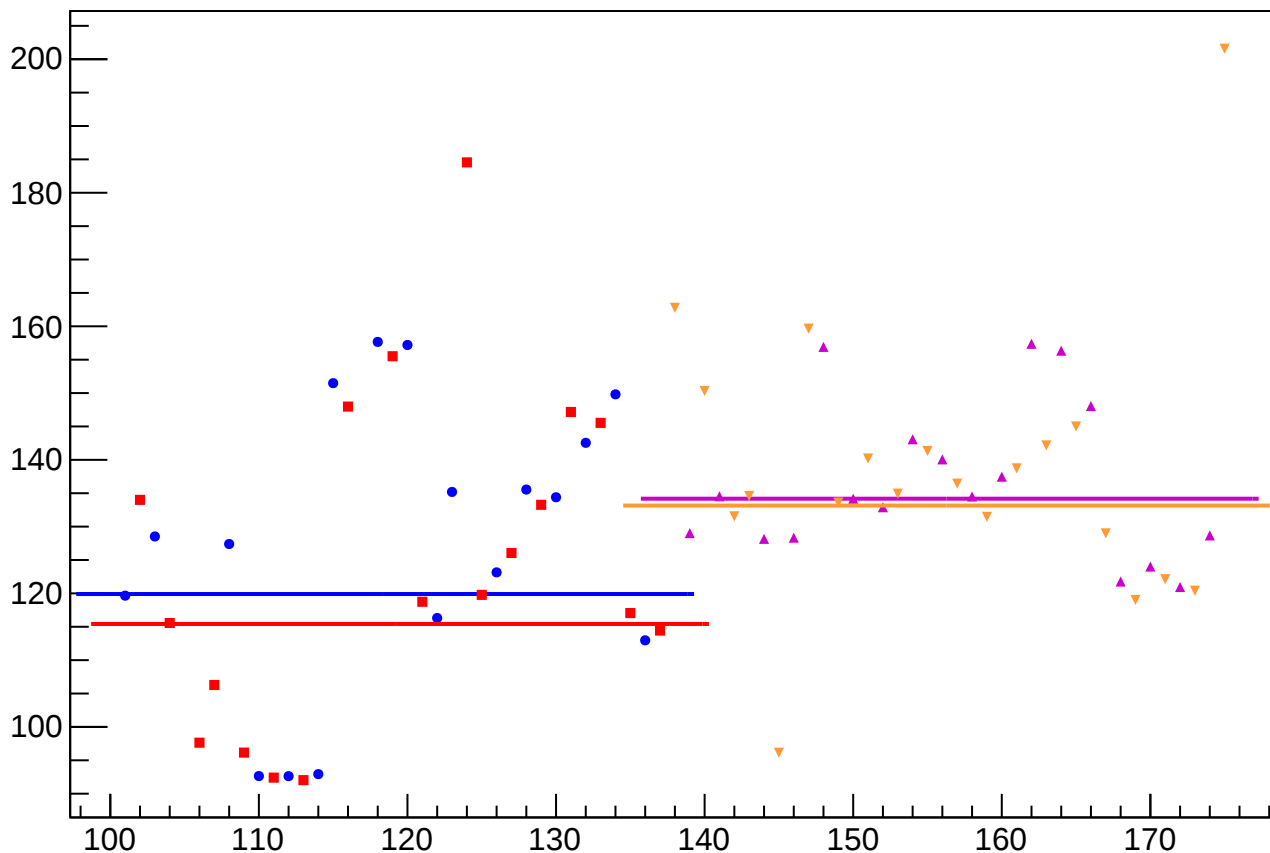
Right: 172.226 ± 32.336 $\chi^2/\text{NDF}: 31.3/34$

In: 213.153 ± 28.541 $\chi^2/\text{NDF}: 46.4/34$

Out: 227.967 ± 27.343 $\chi^2/\text{NDF}: 30.5/37$

All: 220.878 ± 19.745 $\chi^2/\text{NDF}: 77.0/72$

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: 133.154 $\pm$ 0.024 χ^2 /NDF: 604251.9/19

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 134.180 $\pm$ 0.025 χ^2 /NDF: 167909.9/17

Left: 133.648 $\pm$ 0.018 χ^2 /NDF: 773007.3/37

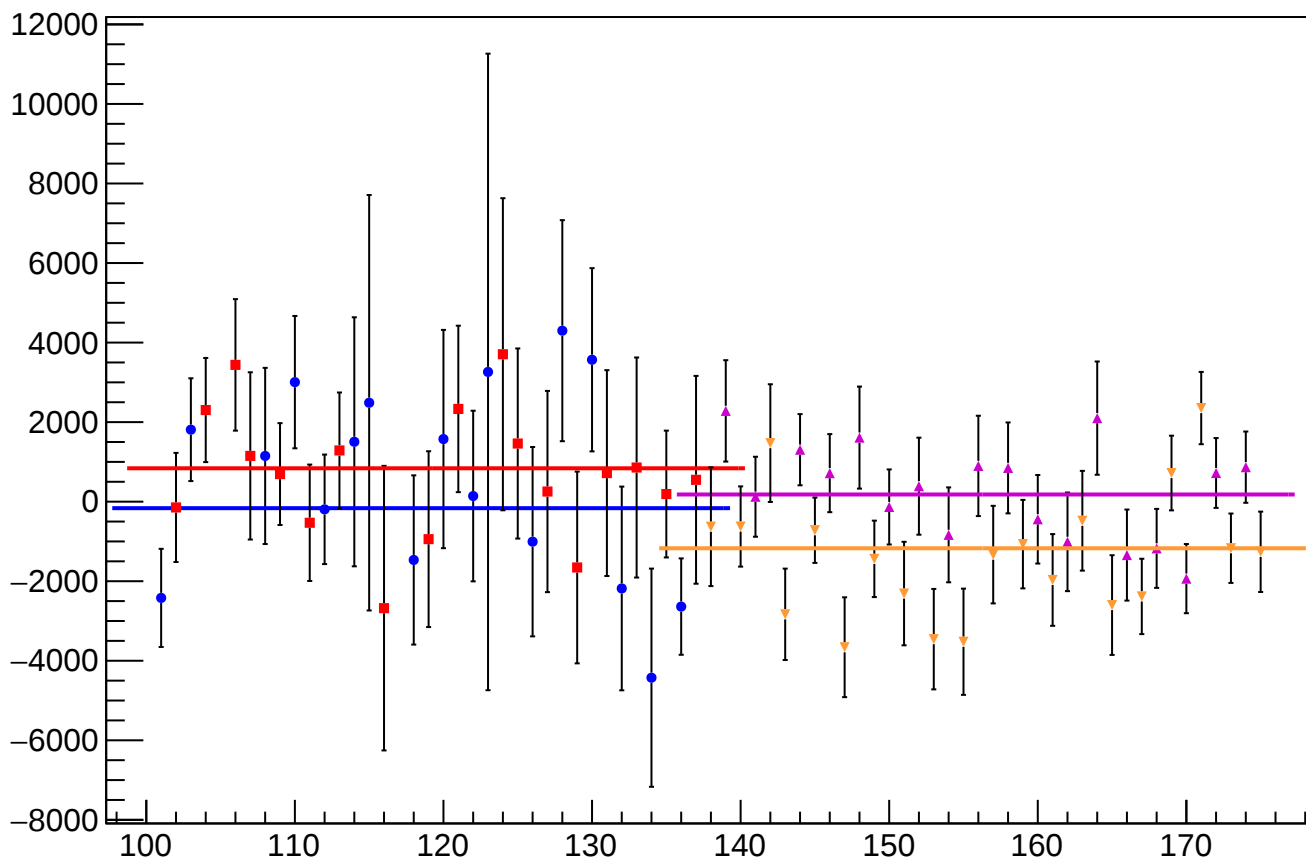
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 128.921 $\pm$ 0.020 χ^2 /NDF: 629850.0/34

Out: 126.470 $\pm$ 0.019 χ^2 /NDF: 1219881.3/37

All: 127.643 $\pm$ 0.014 χ^2 /NDF: 1857421.2/72

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1171.722 $\pm$ 243.412 χ^2 /NDF:40.0/19

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 180.660 $\pm$ 250.116 χ^2 /NDF:21.0/17

Left: -513.897 $\pm$ 174.440 χ^2 /NDF: 76.0/37

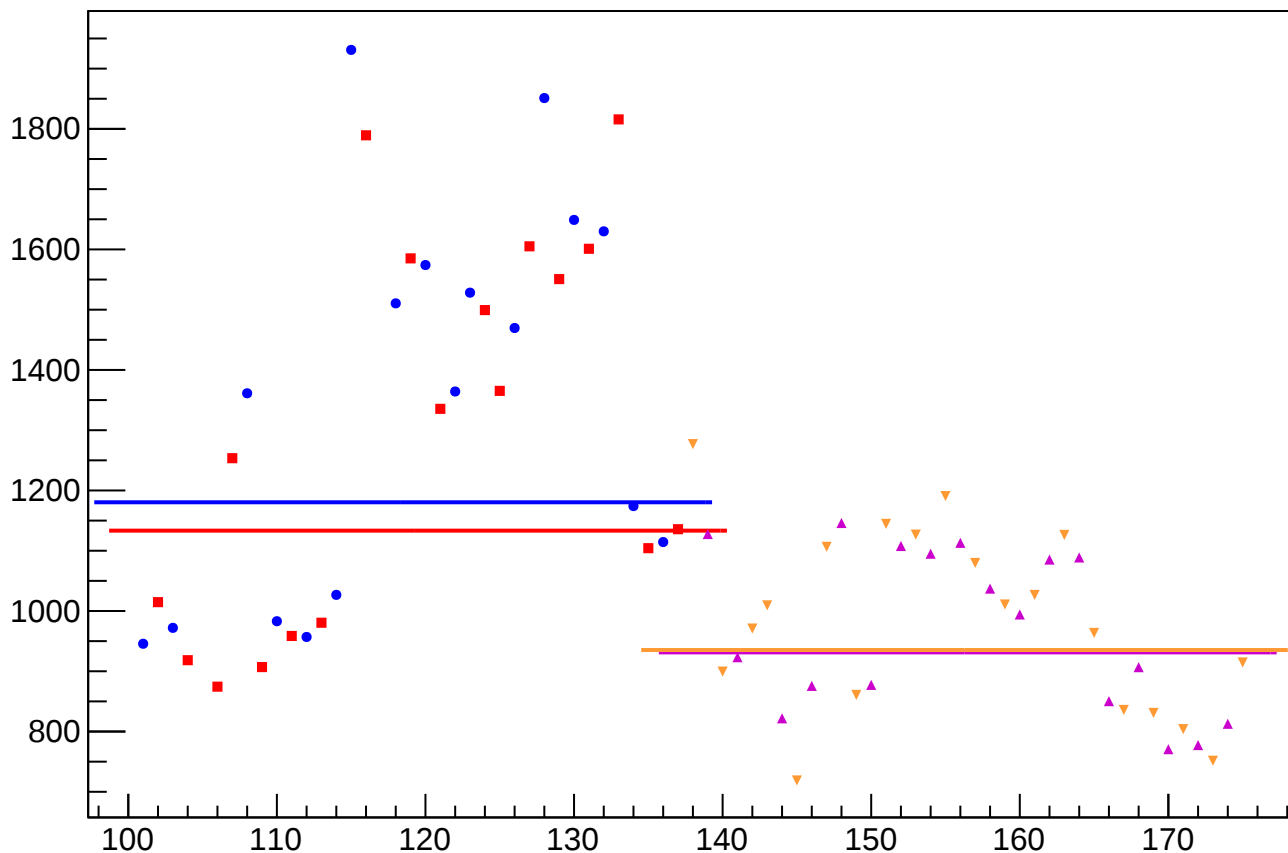
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 104.594 $\pm$ 220.755 χ^2 /NDF:45.1/34

Out: -701.292 $\pm$ 213.046 χ^2 /NDF:65.3/37

All: -312.666 $\pm$ 153.299 χ^2 /NDF: 117.2/72

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 935.241 $\pm$ 0.172 χ^2 /NDF: 750994.5/19

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 931.338 $\pm$ 0.177 χ^2 /NDF: 522310.8/17

Left: 933.343 $\pm$ 0.123 χ^2 /NDF: 1273555.3/37

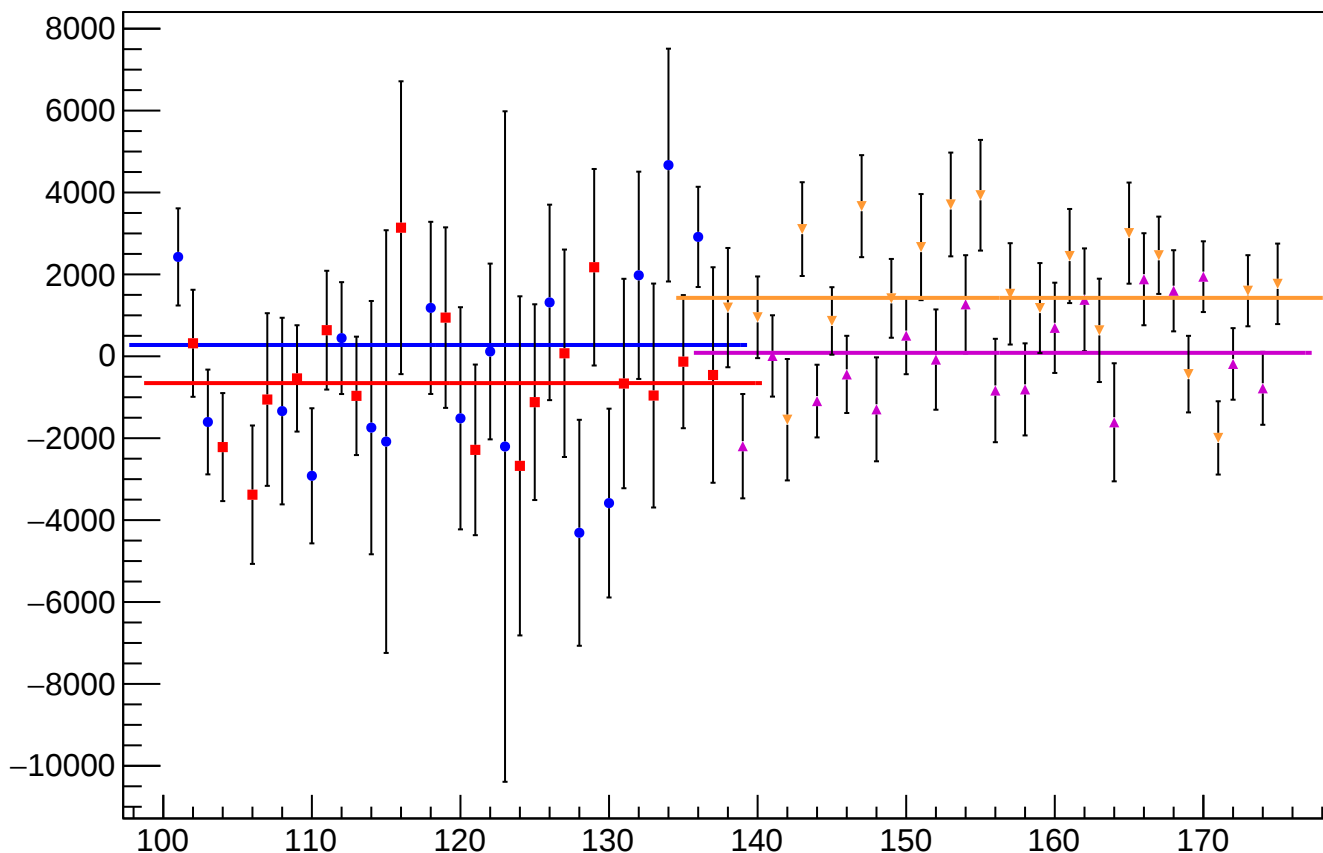
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 986.380 $\pm$ 0.156 χ^2 /NDF: 1629439.1/34

Out: 981.586 $\pm$ 0.151 χ^2 /NDF: 1821306.4/37

All: 983.898 $\pm$ 0.108 χ^2 /NDF: 3451234.0/72

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1426.593 $\pm$ 242.138 χ^2/NDF : 40.5/19

Right Out: -654.406 $\pm$ 439.824 χ^2/NDF : 9.6/17

Left In: 84.590 $\pm$ 248.341 χ^2/NDF : 22.1/17

Left: 772.559 $\pm$ 173.369 χ^2/NDF : 77.7/37

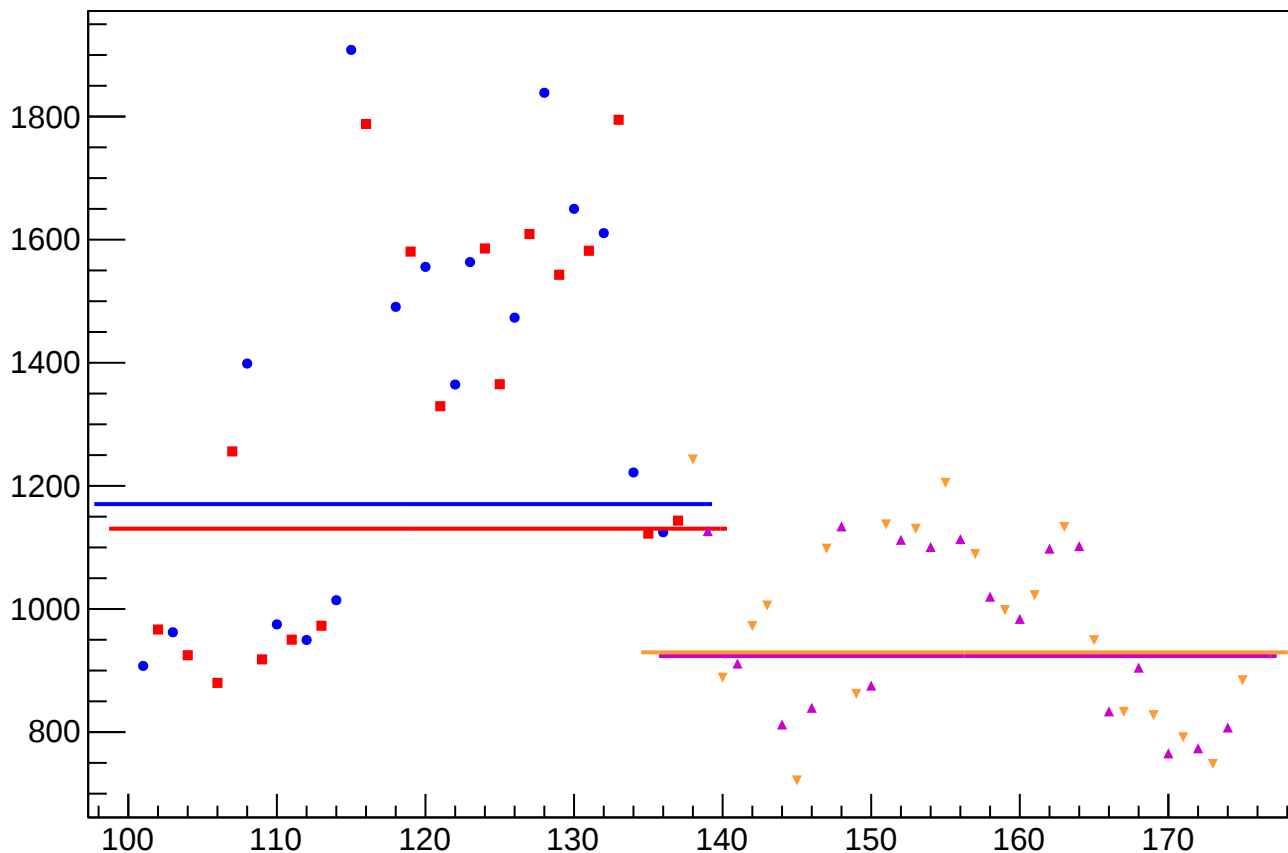
Right: -216.291 $\pm$ 319.993 χ^2/NDF : 36.0/34

In: 126.960 $\pm$ 219.206 χ^2/NDF : 46.6/34

Out: 942.567 $\pm$ 212.118 χ^2/NDF : 67.3/37

All: 548.164 $\pm$ 152.434 χ^2/NDF : 121.1/72

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 929.546 $\pm$ 0.171 χ^2 /NDF: 755647.7/19

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 923.582 $\pm$ 0.176 χ^2 /NDF: 558687.9/17

Left: 926.639 $\pm$ 0.123 χ^2 /NDF: 1314927.0/37

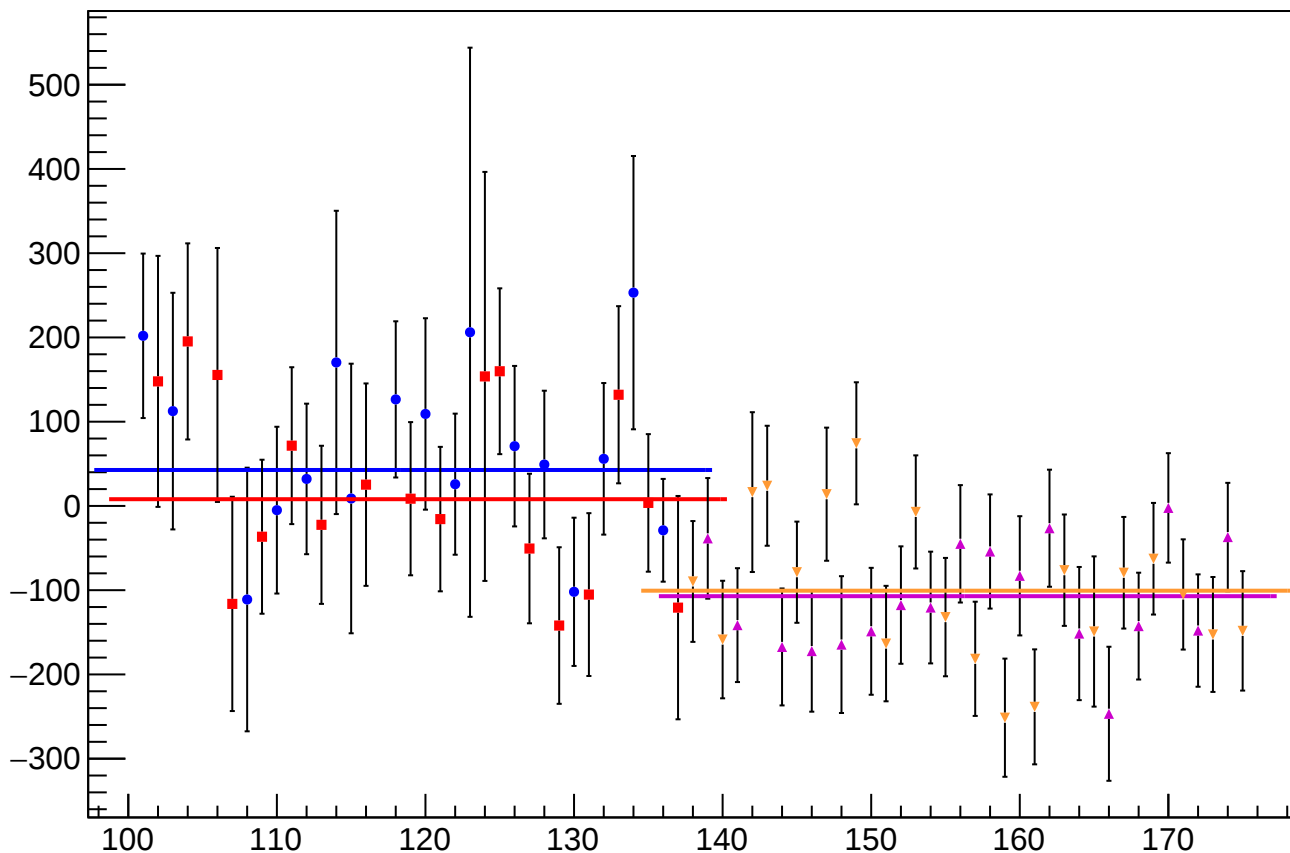
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 978.098 $\pm$ 0.155 χ^2 /NDF: 1700535.3/34

Out: 976.277 $\pm$ 0.150 χ^2 /NDF: 1838934.2/37

All: 977.157 $\pm$ 0.108 χ^2 /NDF: 3539540.8/72

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -100.604 ± 15.680 $\chi^2/\text{NDF}: 28.4/19$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -107.125 ± 16.492 $\chi^2/\text{NDF}: 14.4/17$

Left: -103.700 ± 11.364 $\chi^2/\text{NDF}: 42.8/37$

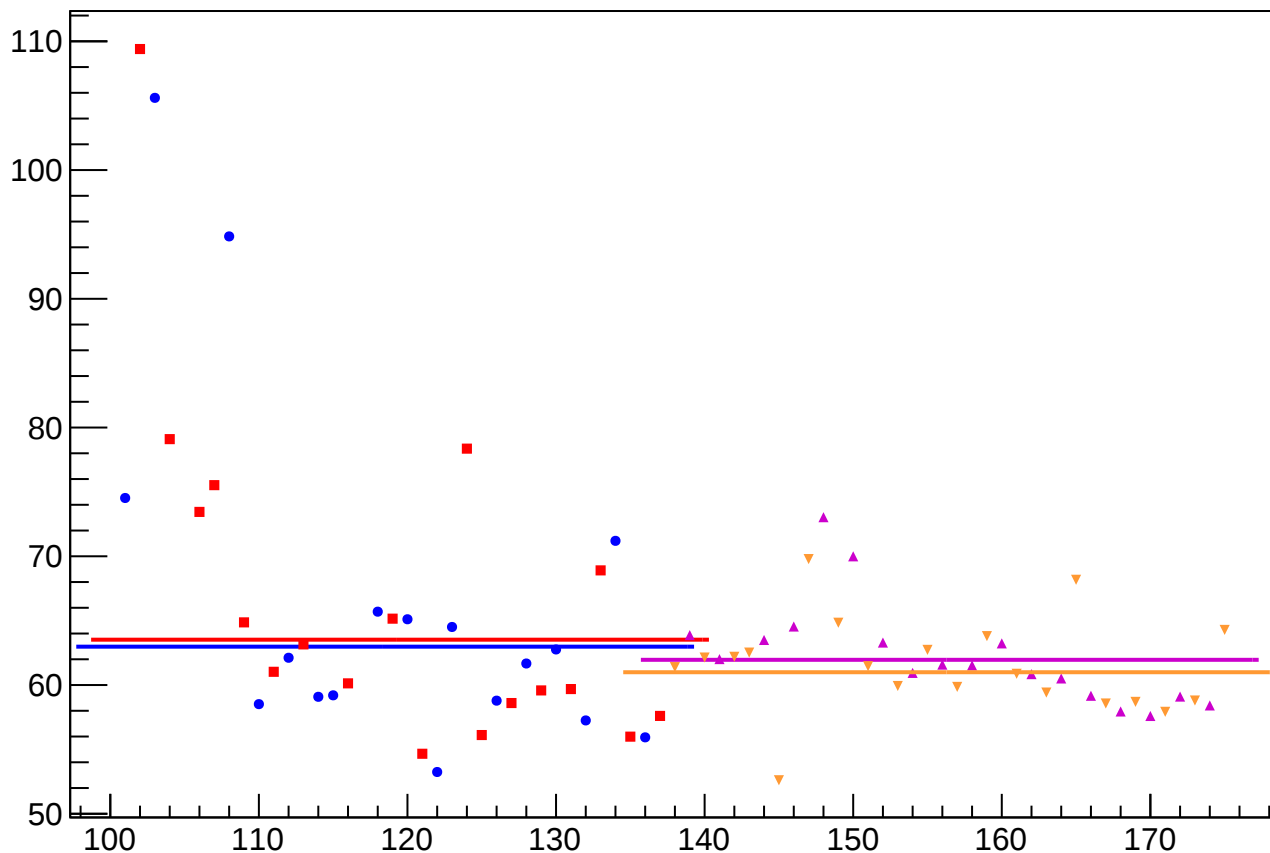
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -60.937 ± 13.716 $\chi^2/\text{NDF}: 51.8/34$

Out: -69.033 ± 13.206 $\chi^2/\text{NDF}: 58.1/37$

All: -65.139 ± 9.513 $\chi^2/\text{NDF}: 110.1/72$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 ± 0.017 $\chi^2/\text{NDF}: 375263.3/16$

Left Out: 60.994 ± 0.011 $\chi^2/\text{NDF}: 106857.6/19$

Right Out: 63.522 ± 0.017 $\chi^2/\text{NDF}: 335430.9/17$

Left In: 61.958 ± 0.012 $\chi^2/\text{NDF}: 97415.2/17$

Left: 61.452 ± 0.008 $\chi^2/\text{NDF}: 207866.2/37$

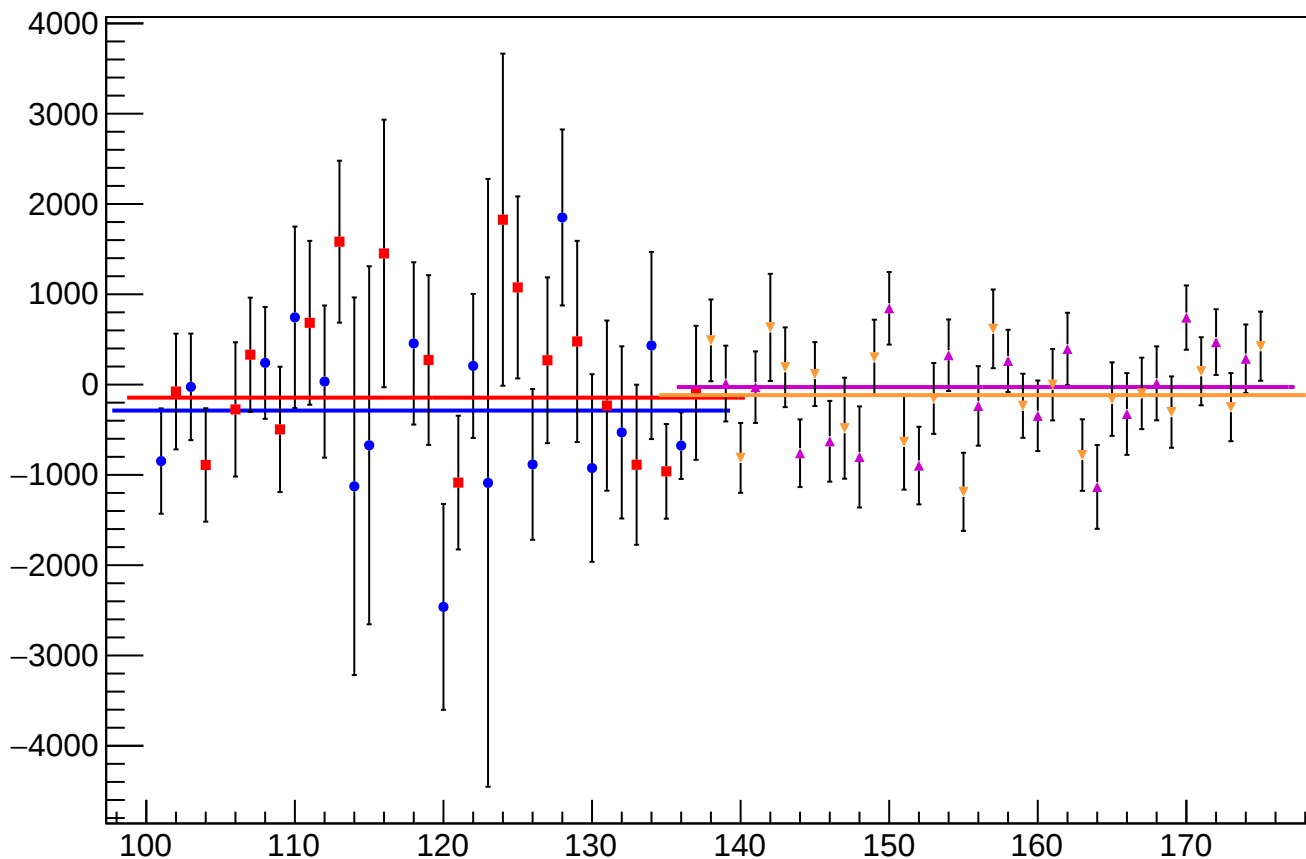
Right: 63.253 ± 0.012 $\chi^2/\text{NDF}: 711180.0/34$

In: 62.273 ± 0.010 $\chi^2/\text{NDF}: 475045.4/34$

Out: 61.729 ± 0.009 $\chi^2/\text{NDF}: 457405.8/37$

All: 61.991 ± 0.007 $\chi^2/\text{NDF}: 934087.3/72$

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -116.655 ± 92.217 $\chi^2/\text{NDF}: 24.8/19$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -27.140 ± 95.532 $\chi^2/\text{NDF}: 33.2/17$

Left: -73.477 ± 66.348 $\chi^2/\text{NDF}: 58.4/37$

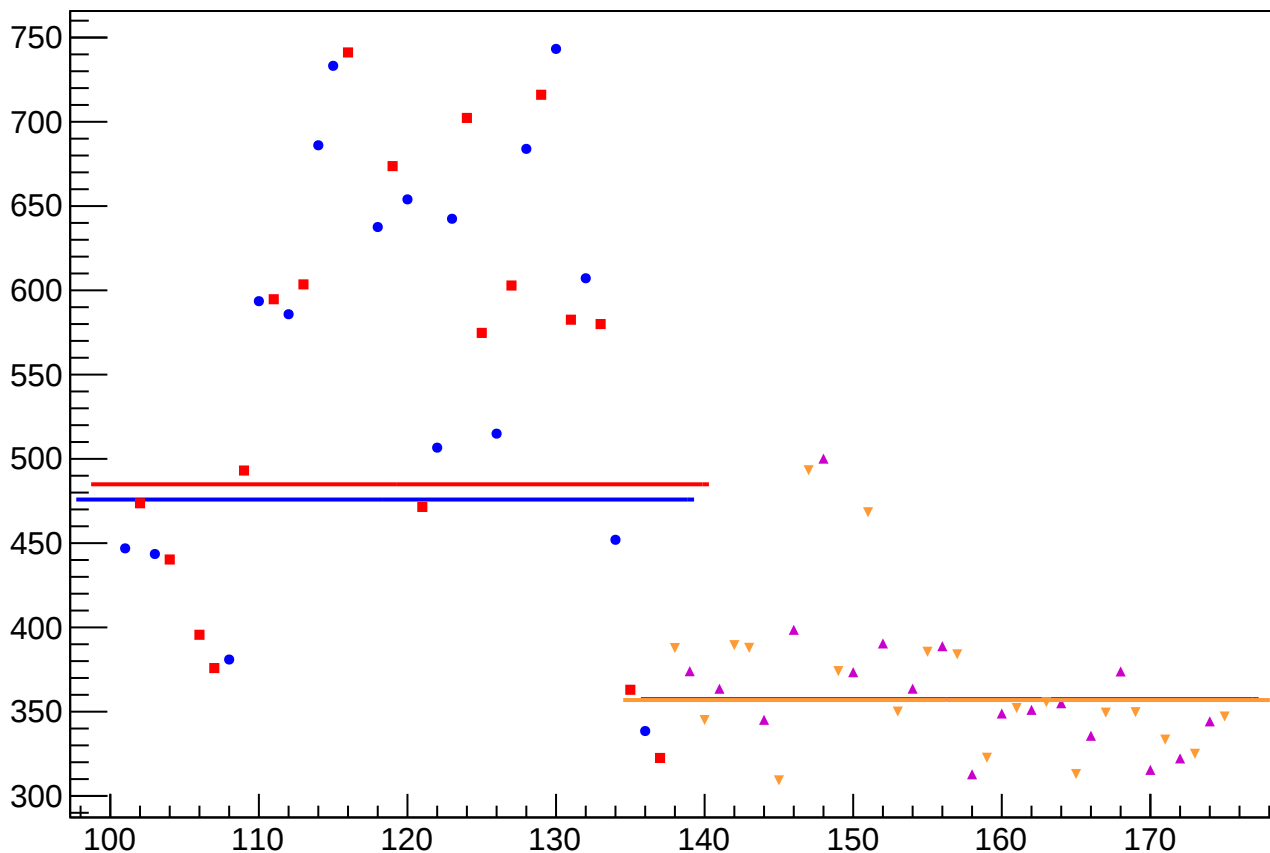
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -79.765 ± 85.340 $\chi^2/\text{NDF}: 50.0/34$

Out: -122.089 ± 82.774 $\chi^2/\text{NDF}: 40.9/37$

All: -101.573 ± 59.417 $\chi^2/\text{NDF}: 91.0/72$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 356.905+/-0.065 χ^2/NDF : 358542.2/19

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 357.528+/-0.068 χ^2/NDF : 270042.3/17

Left: 357.205+/-0.047 χ^2/NDF : 628628.5/37

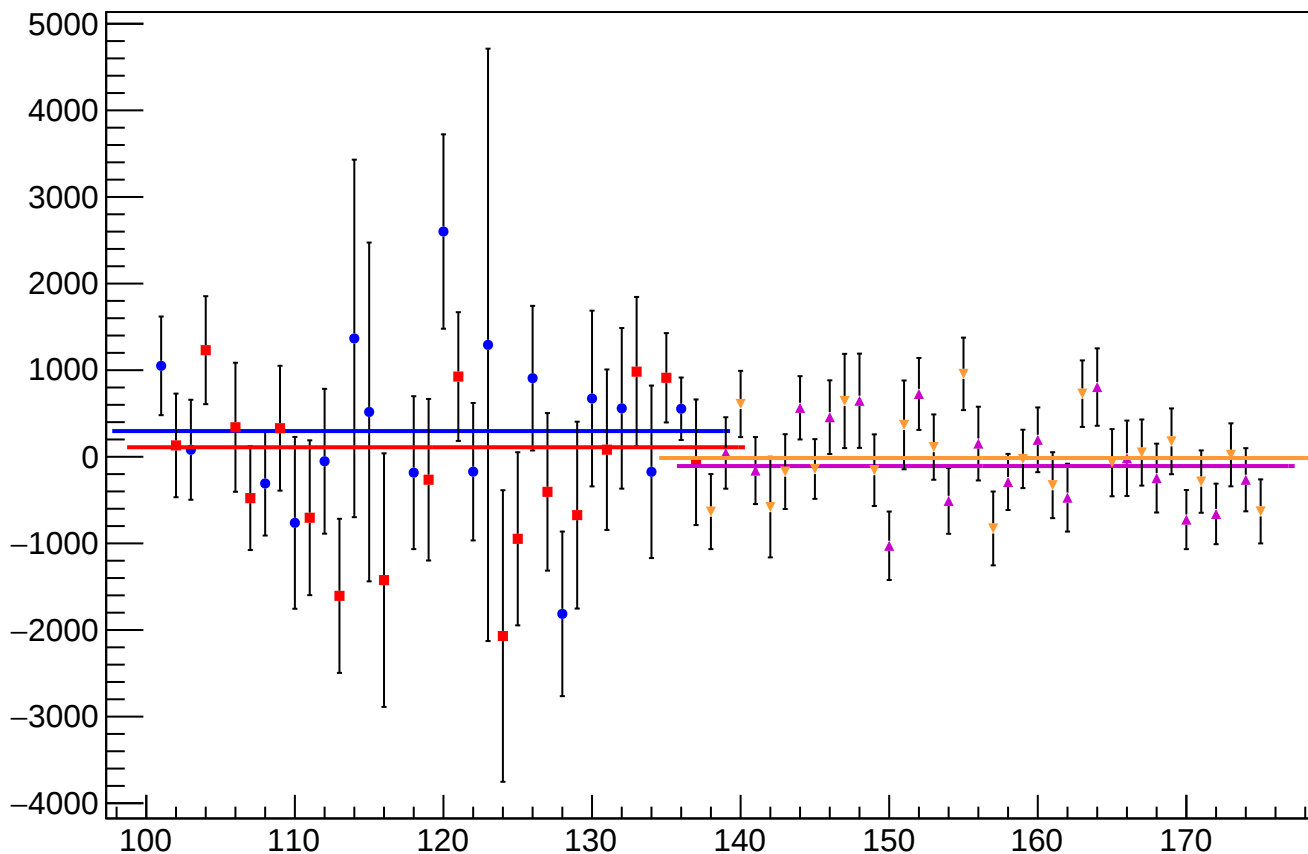
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 381.431+/-0.060 χ^2/NDF : 1727763.9/34

Out: 381.779+/-0.059 χ^2/NDF : 1823705.7/37

All: 381.610+/-0.042 χ^2/NDF : 3551486.6/72

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -13.654 $\pm$ 89.200 χ^2 /NDF:25.3/19

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -106.929 $\pm$ 92.181 χ^2 /NDF:30.3/17

Left: -58.759 $\pm$ 64.102 χ^2 /NDF: 56.1/37

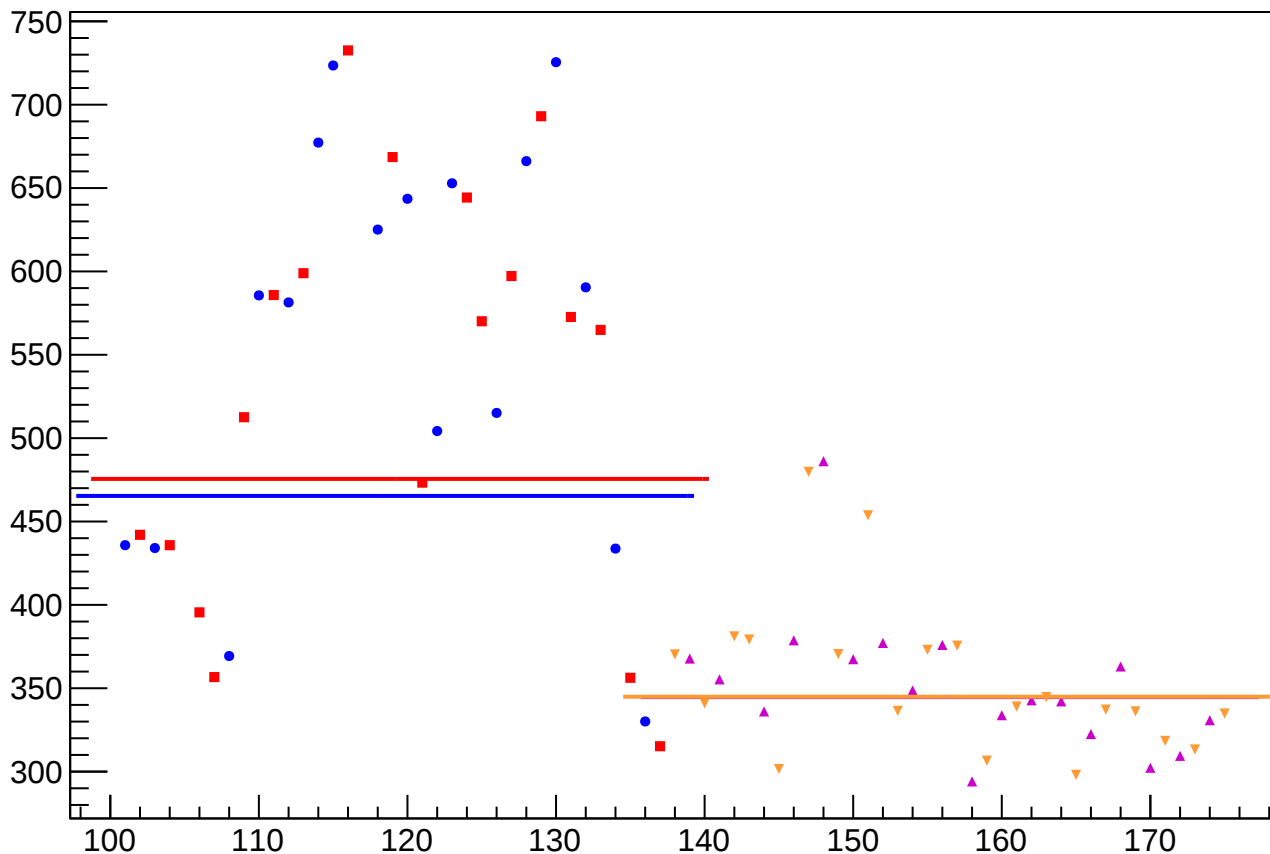
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: -27.267 $\pm$ 82.592 χ^2 /NDF:49.9/34

Out: 9.820 $\pm$ 80.298 χ^2 /NDF:44.2/37

All: -8.201 $\pm$ 57.573 χ^2 /NDF: 94.2/72

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: 344.934 $\pm$ 0.063 χ^2/NDF : 385055.6/19

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 344.694 $\pm$ 0.065 χ^2/NDF : 300756.6/17

Left: 344.818 $\pm$ 0.045 χ^2/NDF : 685819.2/37

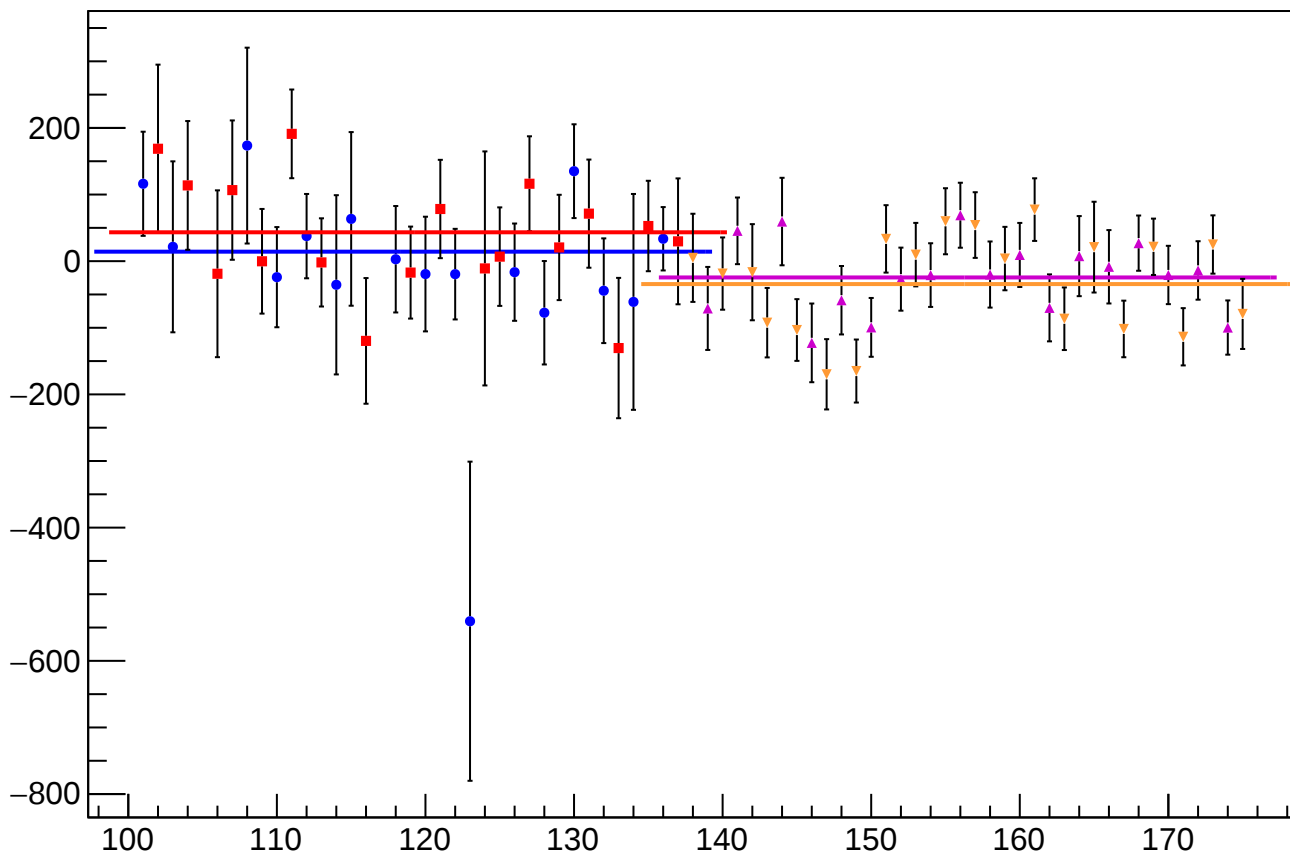
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 368.492 $\pm$ 0.058 χ^2/NDF : 1837028.2/34

Out: 369.704 $\pm$ 0.057 χ^2/NDF : 1939198.2/37

All: 369.115 $\pm$ 0.041 χ^2/NDF : 3776447.9/72

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -34.401 ± 11.077 $\chi^2/\text{NDF}: 46.1/19$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -24.456 ± 11.594 $\chi^2/\text{NDF}: 20.6/17$

Left: -29.655 ± 8.009 $\chi^2/\text{NDF}: 67.1/37$

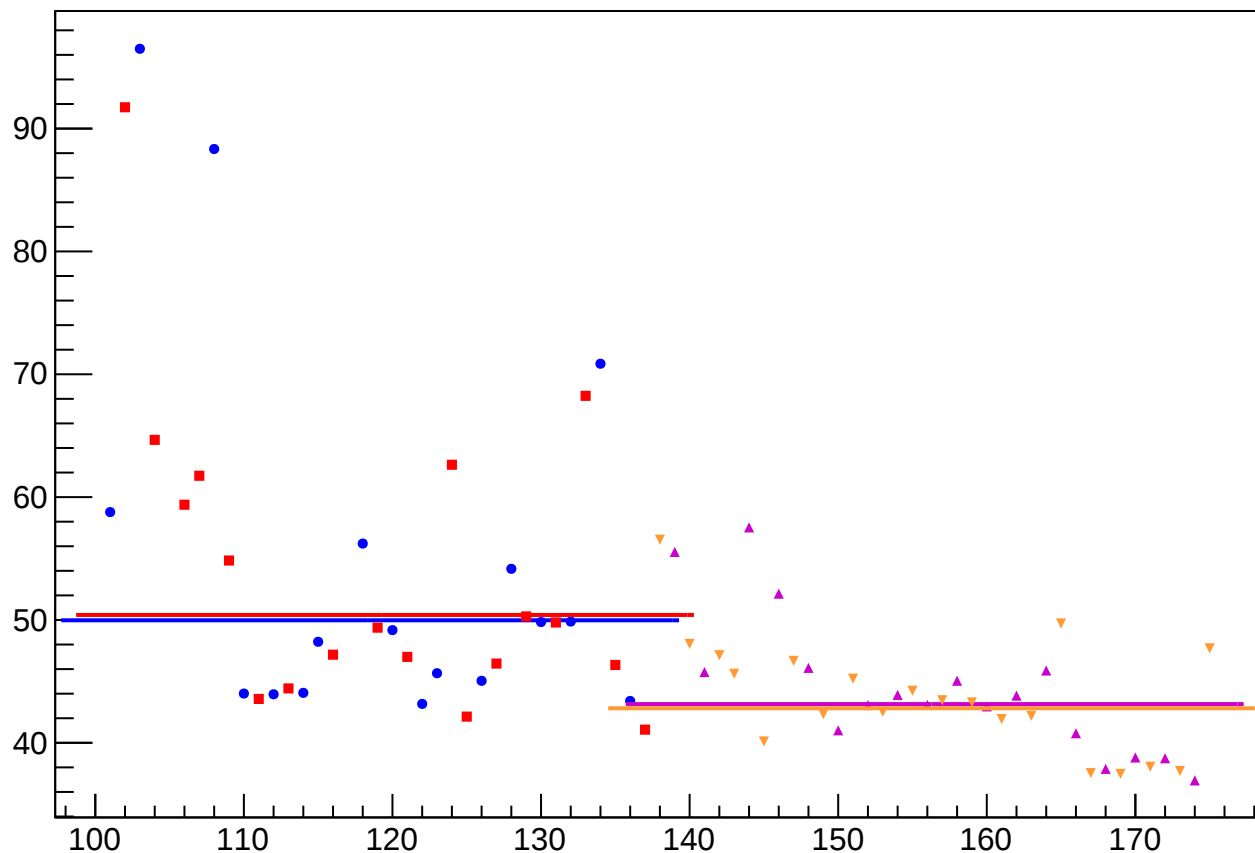
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -14.622 ± 10.014 $\chi^2/\text{NDF}: 38.3/34$

Out: -15.654 ± 9.649 $\chi^2/\text{NDF}: 74.1/37$

All: -15.157 ± 6.948 $\chi^2/\text{NDF}: 112.4/72$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2/NDF : 578750.7/16

Left Out: 42.811 $\pm$ 0.008 χ^2/NDF : 295523.9/19

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.151 $\pm$ 0.008 χ^2/NDF : 368644.3/17

Left: 42.973 $\pm$ 0.006 χ^2/NDF : 665068.8/37

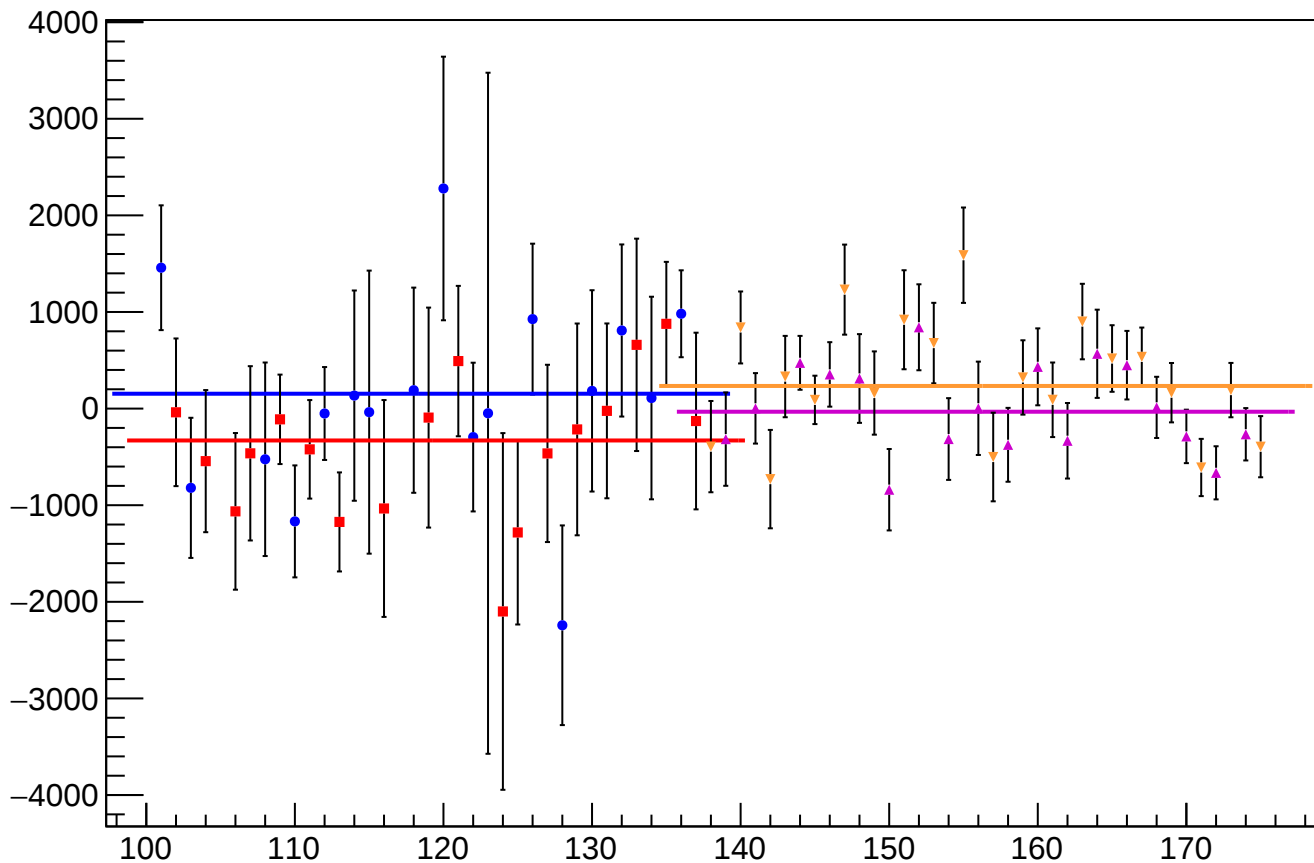
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 44.884 $\pm$ 0.007 χ^2/NDF : 1123310.6/34

Out: 44.643 $\pm$ 0.007 χ^2/NDF : 989868.7/37

All: 44.759 $\pm$ 0.005 χ^2/NDF : 2113781.8/72

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: 234.257 $\pm$ 81.800 χ^2 /NDF:42.9/19

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: -32.470 $\pm$ 84.146 χ^2 /NDF:26.8/17

Left: 104.663 $\pm$ 58.653 χ^2 /NDF: 74.8/37

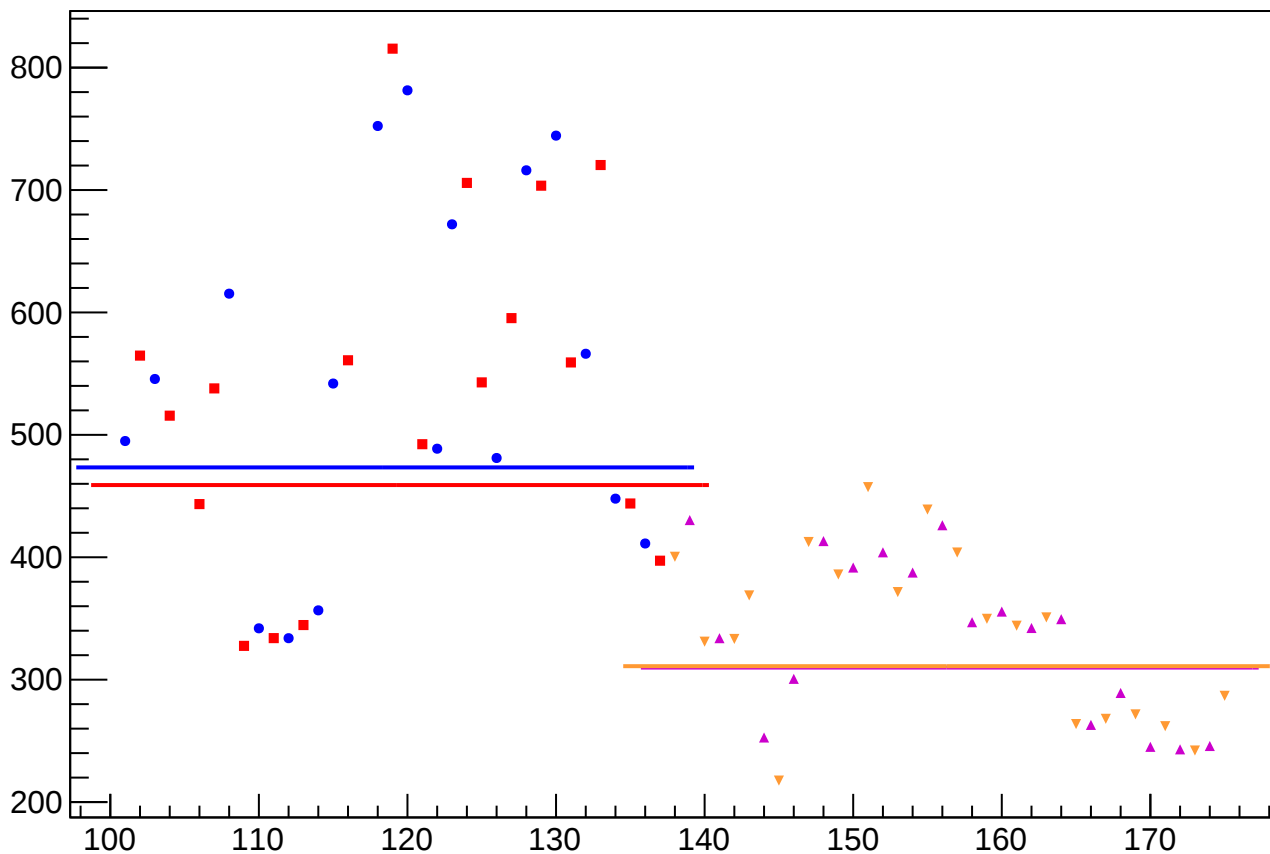
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: -1.910 $\pm$ 76.936 χ^2 /NDF:52.4/34

Out: 137.498 $\pm$ 74.456 χ^2 /NDF:63.1/37

All: 70.077 $\pm$ 53.504 χ^2 /NDF: 117.2/72

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: 311.026 $\pm$ 0.058 χ^2 /NDF:1326822.8/19

Right Out: 458.988 $\pm$ 0.127 χ^2 /NDF: 1006257.2/17

Left In: 309.892 $\pm$ 0.059 χ^2 /NDF:1124263.2/17

Left: 310.475 $\pm$ 0.041 χ^2 /NDF: 2451272.6/37

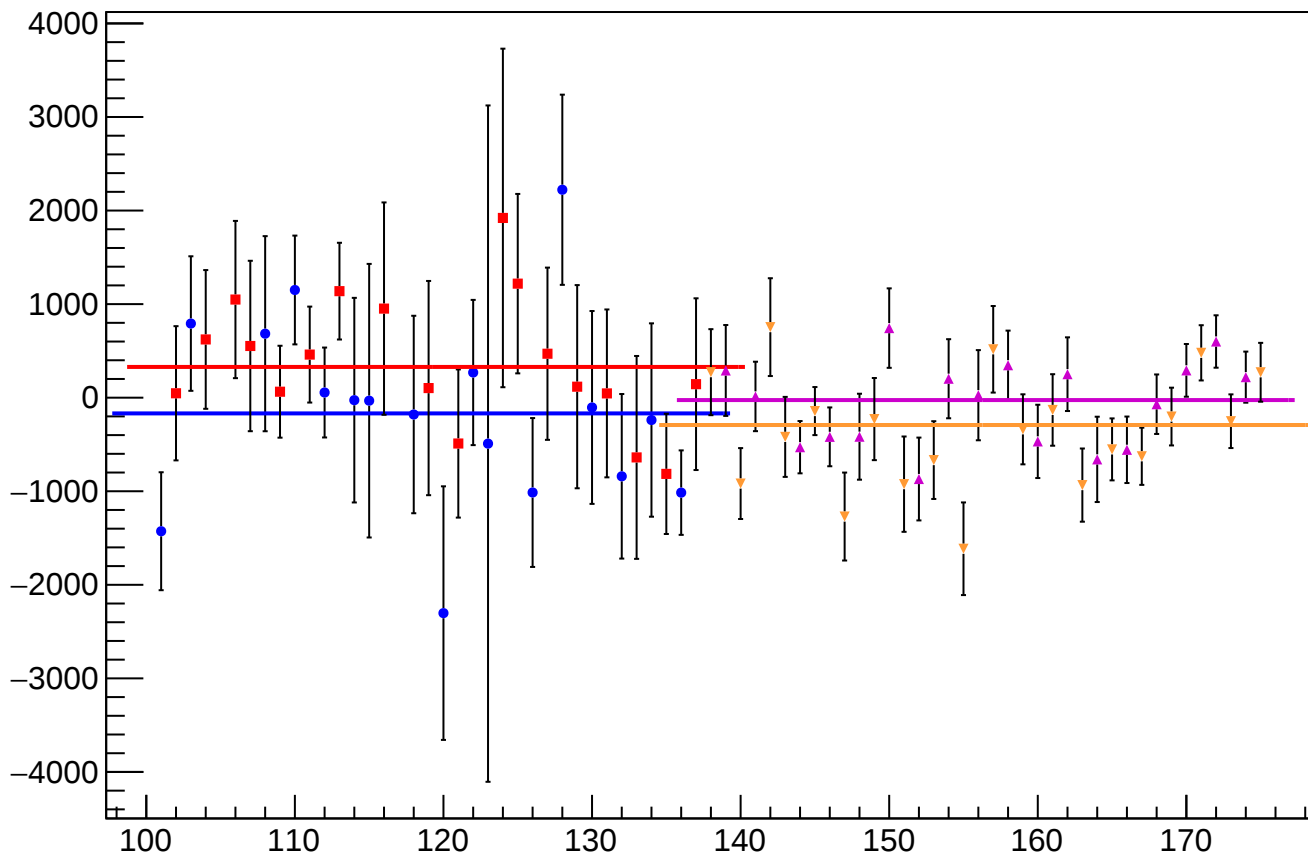
Right: 465.801 $\pm$ 0.092 χ^2 /NDF: 1927262.4/34

In: 336.713 $\pm$ 0.054 χ^2 /NDF:3277968.0/34

Out: 336.401 $\pm$ 0.053 χ^2 /NDF:3455289.0/37

All: 336.552 $\pm$ 0.038 χ^2 /NDF: 6733274.0/72

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -292.111+/-82.011 χ^2/NDF : 40.4/19

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -25.504+/-84.098 χ^2/NDF : 27.2/17

Left: -162.157+/-58.714 χ^2/NDF : 72.8/37

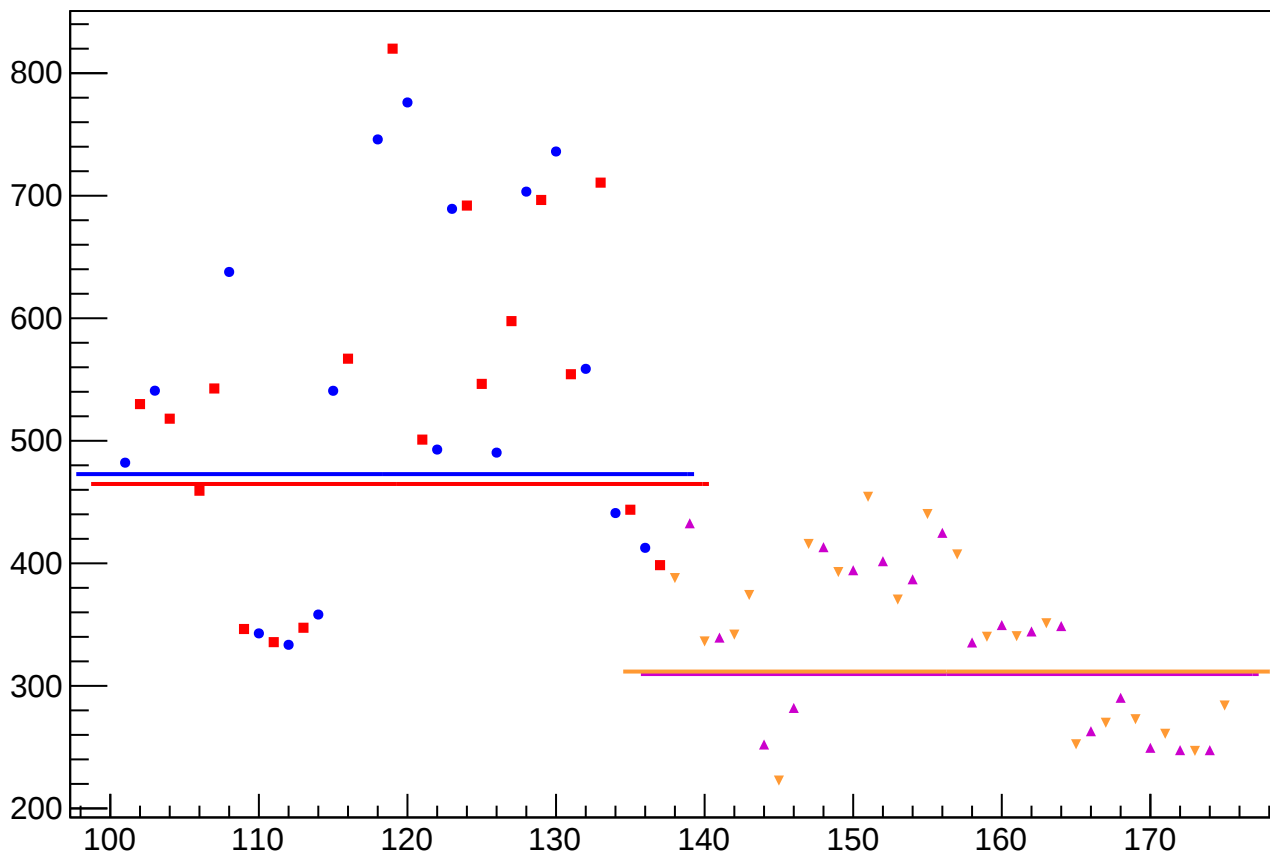
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -48.905+/-76.886 χ^2/NDF : 53.1/34

Out: -186.926+/-74.740 χ^2/NDF : 61.3/37

All: -119.869+/-53.591 χ^2/NDF : 116.0/72

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 311.688 $\pm$ 0.058 χ^2 /NDF:1289615.4/19

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 309.647 $\pm$ 0.059 χ^2 /NDF:1086453.2/17

Left: 310.693 $\pm$ 0.042 χ^2 /NDF: 2376672.7/37

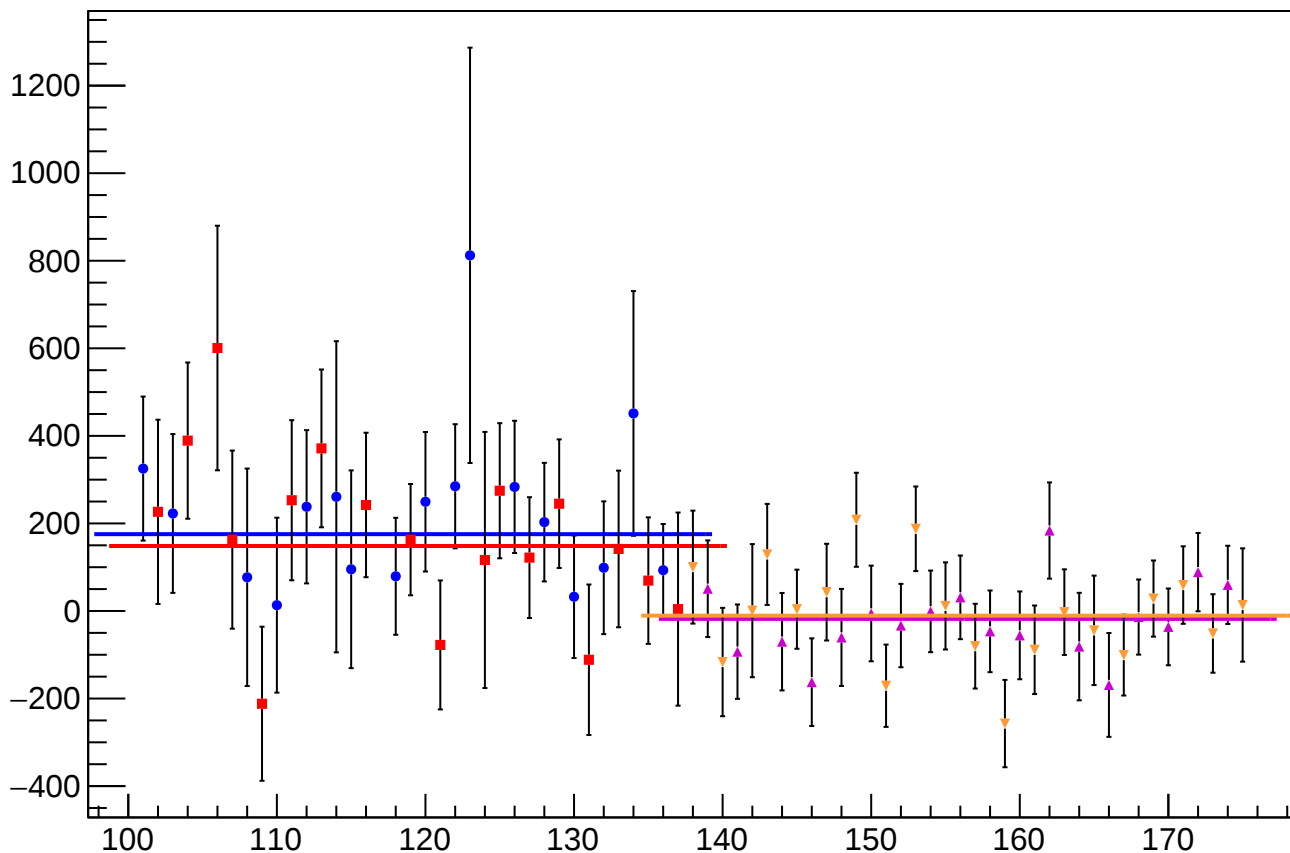
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 336.434 $\pm$ 0.054 χ^2 /NDF:3218903.5/34

Out: 337.628 $\pm$ 0.053 χ^2 /NDF:3385121.3/37

All: 337.048 $\pm$ 0.038 χ^2 /NDF: 6604272.5/72

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -10.664 ± 22.995 $\chi^2/\text{NDF}: 23.9/19$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -18.091 ± 23.571 $\chi^2/\text{NDF}: 11.4/17$

Left: -14.286 ± 16.460 $\chi^2/\text{NDF}: 35.3/37$

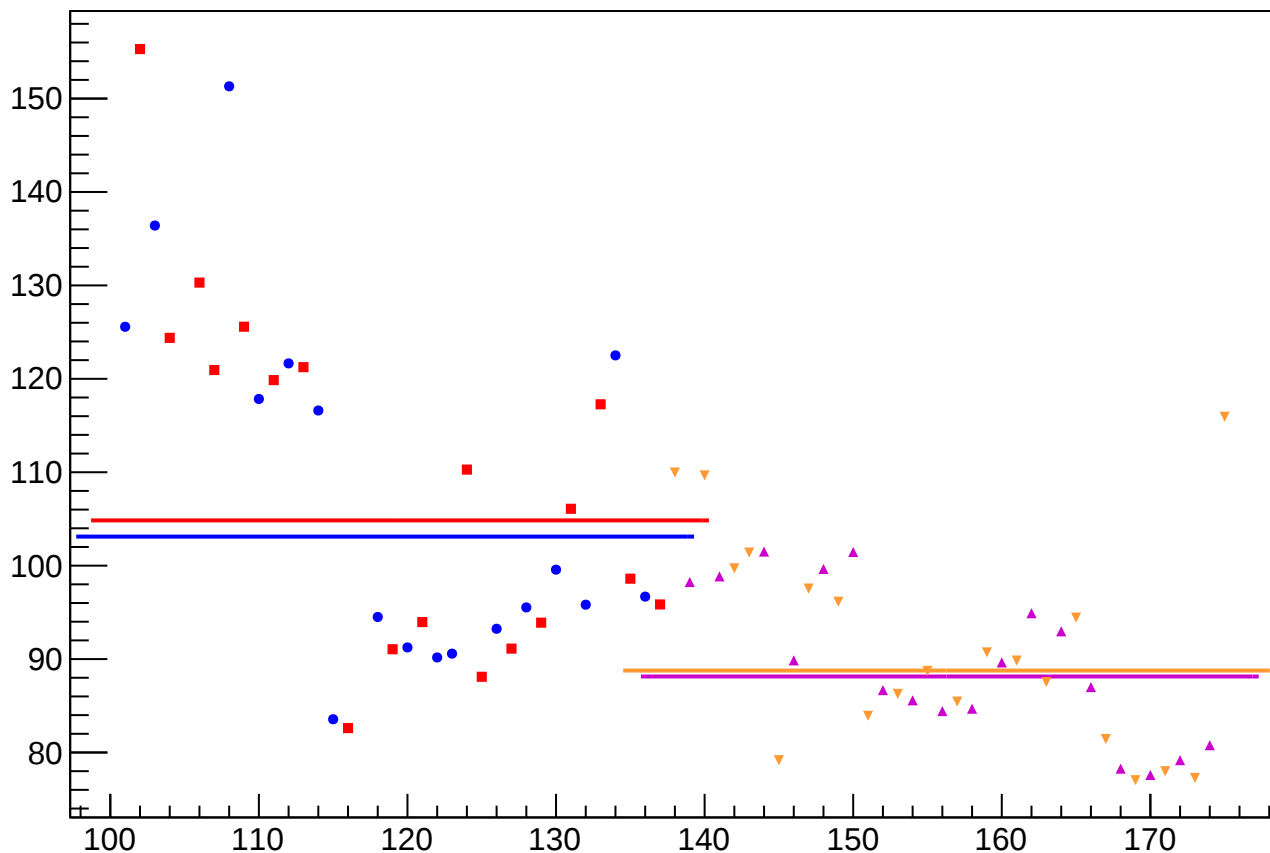
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 31.138 ± 20.354 $\chi^2/\text{NDF}: 37.1/34$

Out: 28.368 ± 19.976 $\chi^2/\text{NDF}: 53.1/37$

All: 29.727 ± 14.257 $\chi^2/\text{NDF}: 90.2/72$

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 88.772 $\pm$ 0.016 χ^2 /NDF: 404025.0/19

Right Out: 104.844 $\pm$ 0.029 χ^2 /NDF: 368677.3/17

Left In: 88.134 $\pm$ 0.017 χ^2 /NDF: 225420.4/17

Left: 88.461 $\pm$ 0.012 χ^2 /NDF: 630196.9/37

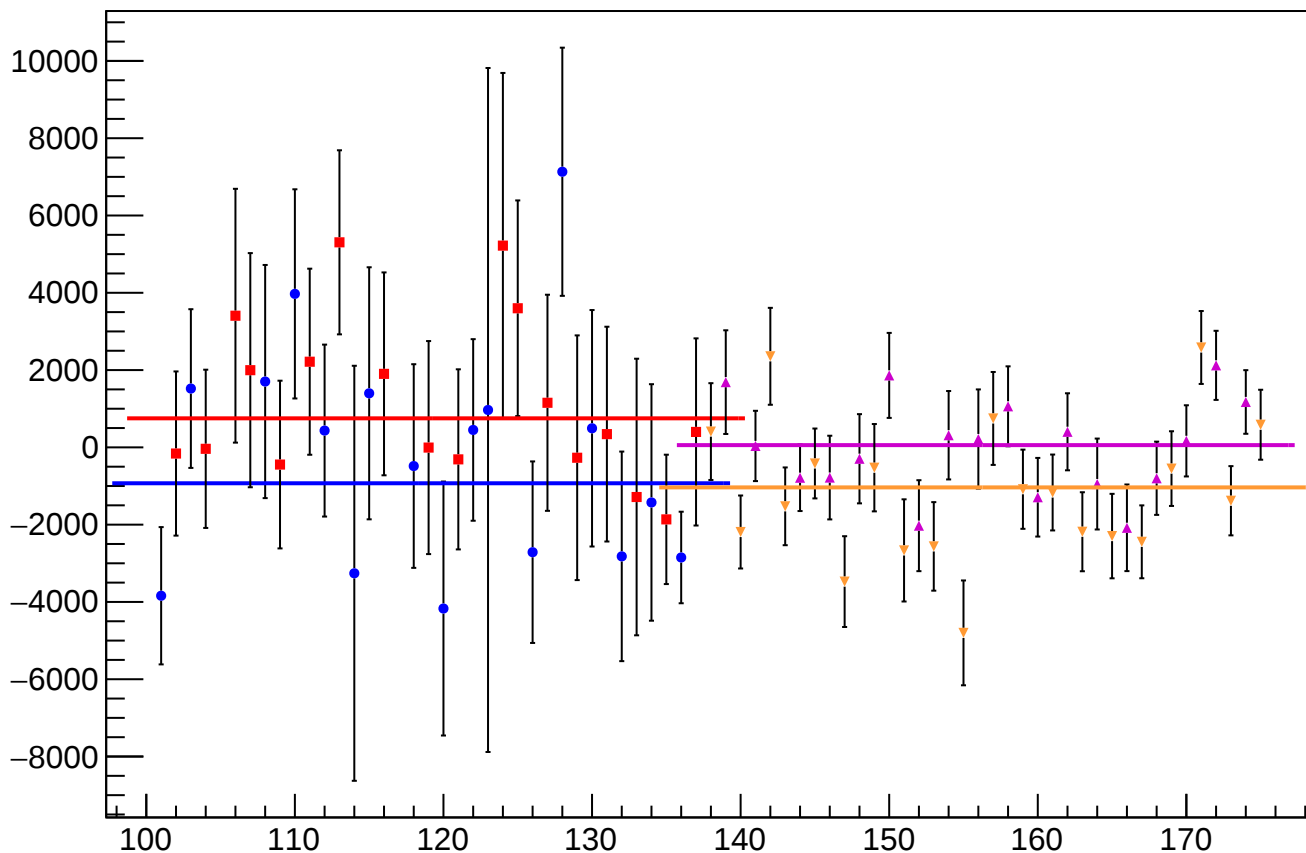
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 91.944 $\pm$ 0.014 χ^2 /NDF: 737264.6/34

Out: 92.715 $\pm$ 0.014 χ^2 /NDF: 1012372.4/37

All: 92.337 $\pm$ 0.010 χ^2 /NDF: 1751100.4/72

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1035.911 $\pm$ 234.068 χ^2 /NDF:51.7/19

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 58.060 $\pm$ 241.967 χ^2 /NDF:24.2/17

Left: -507.073 $\pm$ 168.234 χ^2 /NDF: 86.5/37

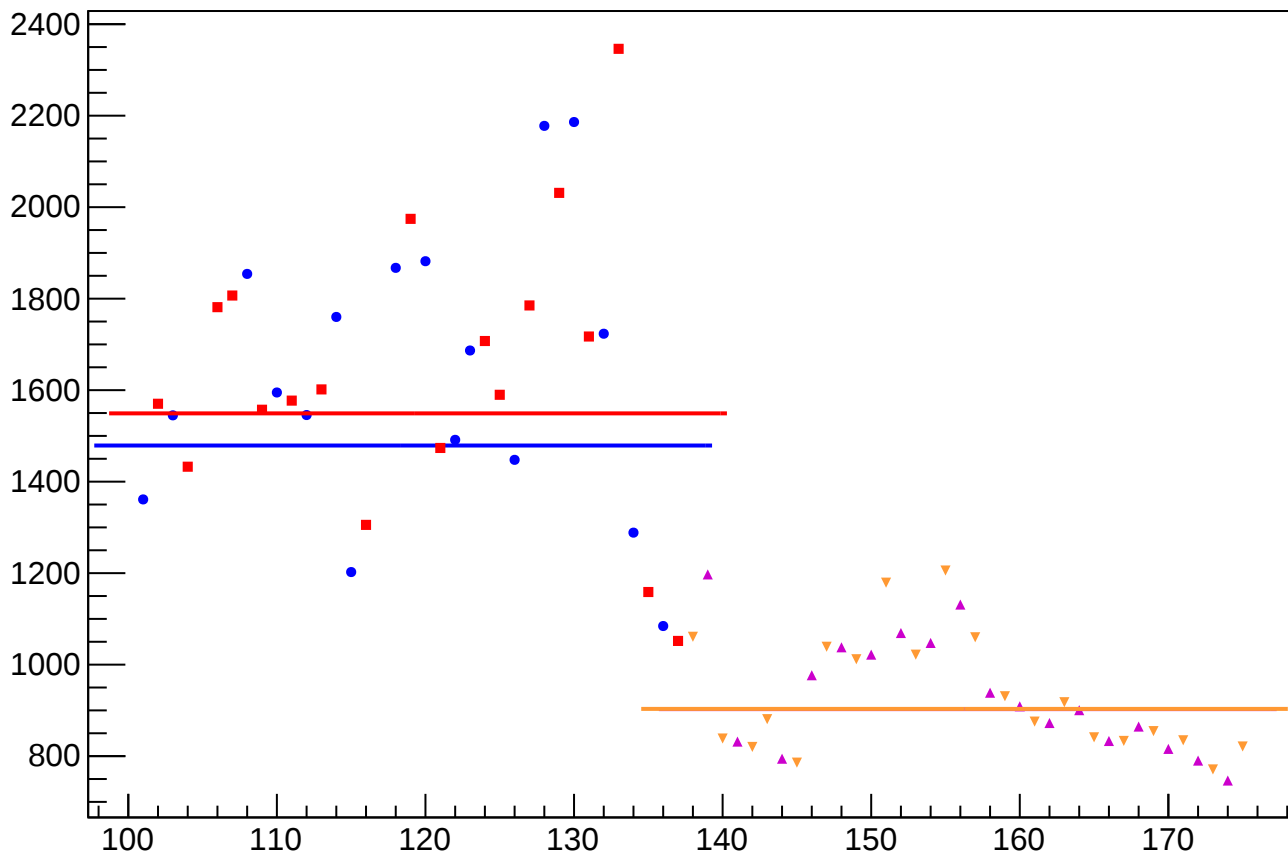
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -85.302 $\pm$ 223.705 χ^2 /NDF:47.5/34

Out: -796.372 $\pm$ 217.817 χ^2 /NDF:70.5/37

All: -450.317 $\pm$ 156.060 χ^2 /NDF: 123.2/72

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 903.264+/-0.166 χ^2/NDF : 468436.3/19

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 902.795+/-0.171 χ^2/NDF : 472518.6/17

Left: 903.038+/-0.119 χ^2/NDF : 940958.7/37

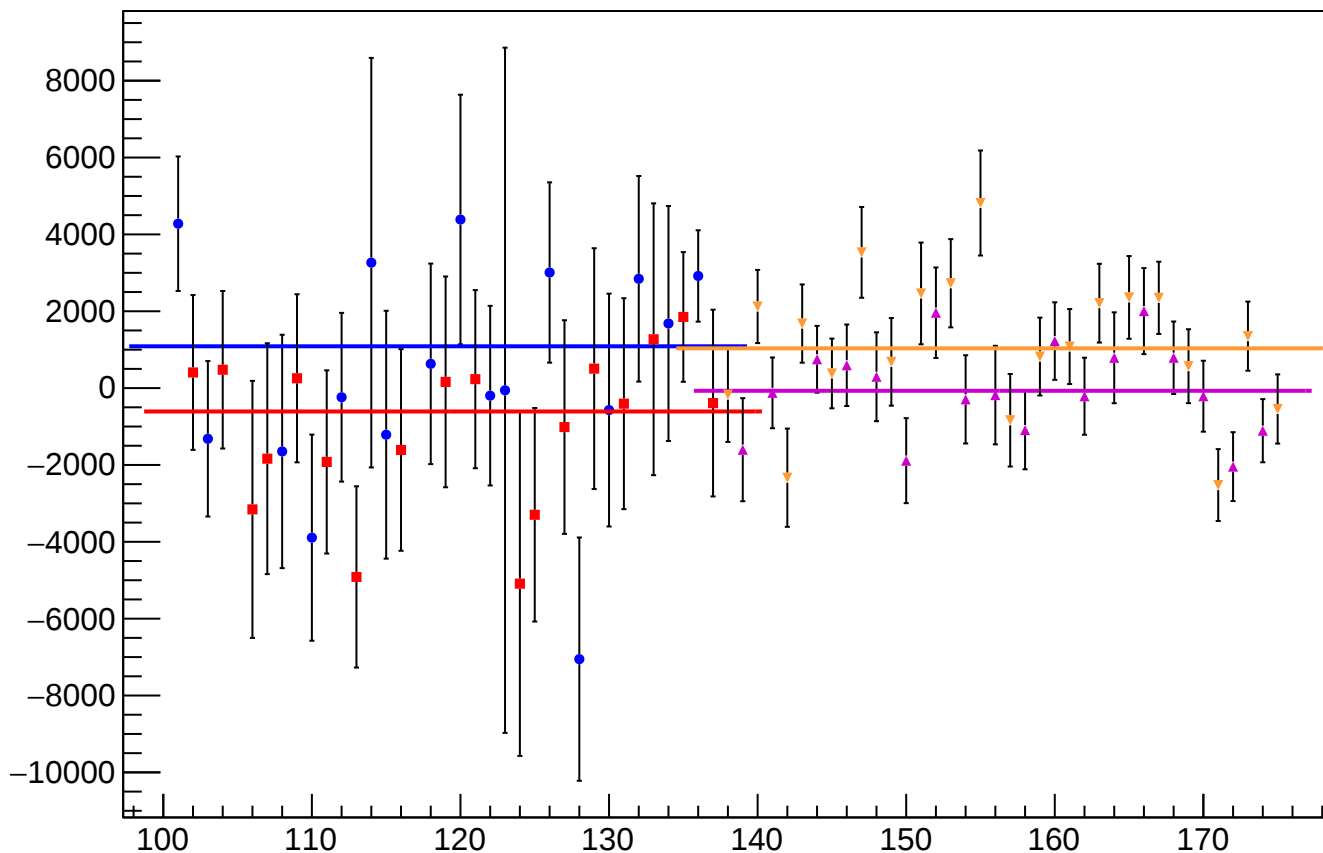
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 986.489+/-0.158 χ^2/NDF : 2709464.6/34

Out: 989.849+/-0.154 χ^2/NDF : 2972842.8/37

All: 988.214+/-0.110 χ^2/NDF : 5682539.2/72

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: 1034.708 $\pm$ 234.033 χ^2 /NDF:50.8/19

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -69.752 $\pm$ 241.996 χ^2 /NDF:22.3/17

Left: 500.949 $\pm$ 168.231 χ^2 /NDF: 83.9/37

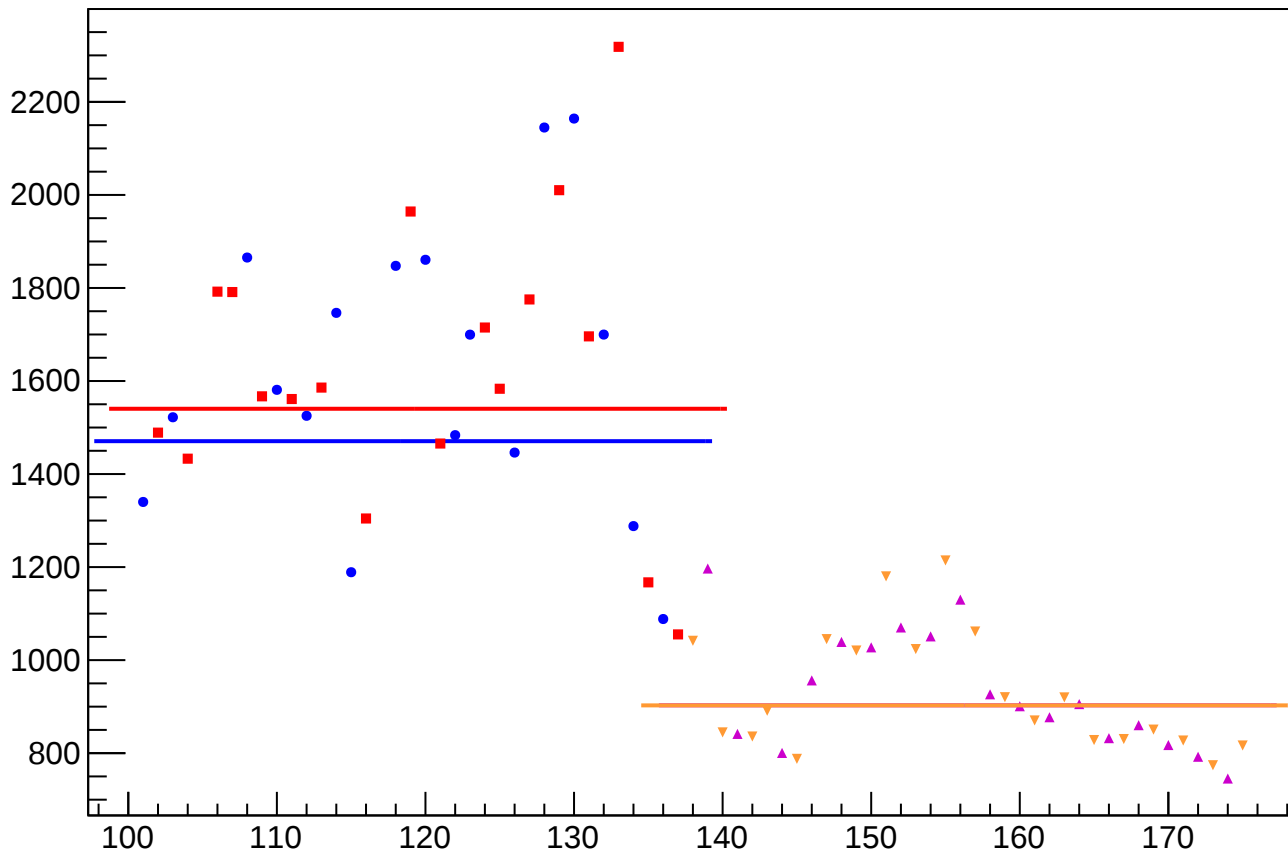
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 100.243 $\pm$ 223.524 χ^2 /NDF:47.5/34

Out: 812.398 $\pm$ 217.621 χ^2 /NDF:67.4/37

All: 465.850 $\pm$ 155.926 χ^2 /NDF: 120.2/72

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 902.724+/-0.165 χ^2/NDF : 472904.4/19

Right Out: 1540.341+/-0.418 χ^2/NDF : 442804.3/17

Left In: 902.869+/-0.171 χ^2/NDF : 462867.9/17

Left: 902.794+/-0.119 χ^2/NDF : 935772.7/37

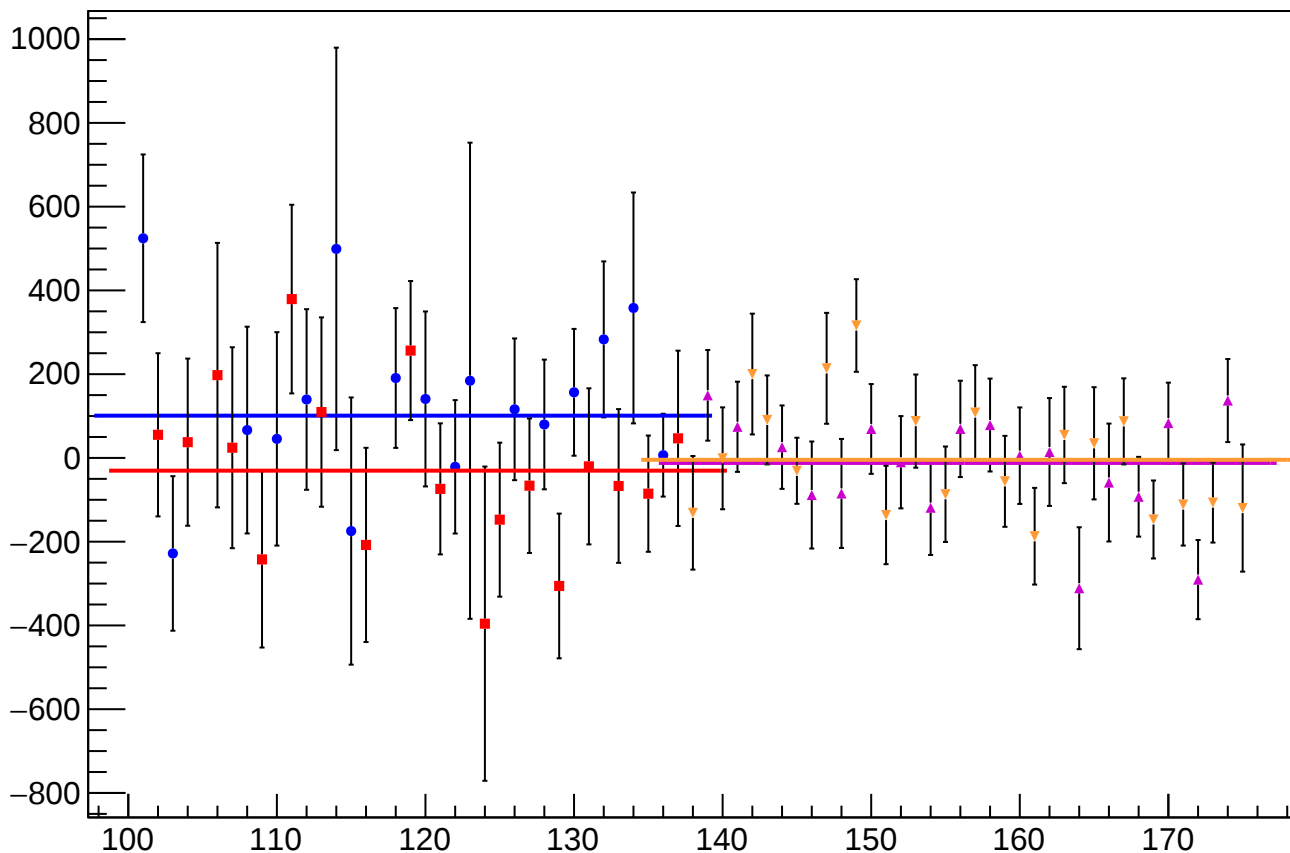
Right: 1505.024+/-0.294 χ^2/NDF : 1024593.2/34

In: 986.243+/-0.158 χ^2/NDF : 2647381.4/34

Out: 989.017+/-0.154 χ^2/NDF : 2924865.4/37

All: 987.667+/-0.110 χ^2/NDF : 5572404.9/72

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -4.476 $\pm$ 24.810 χ^2 /NDF:27.5/19

Right Out: -30.411 $\pm$ 45.710 χ^2 /NDF: 13.5/17

Left In: -11.943 $\pm$ 26.152 χ^2 /NDF:23.3/17

Left: -8.013 $\pm$ 17.999 χ^2 /NDF: 50.9/37

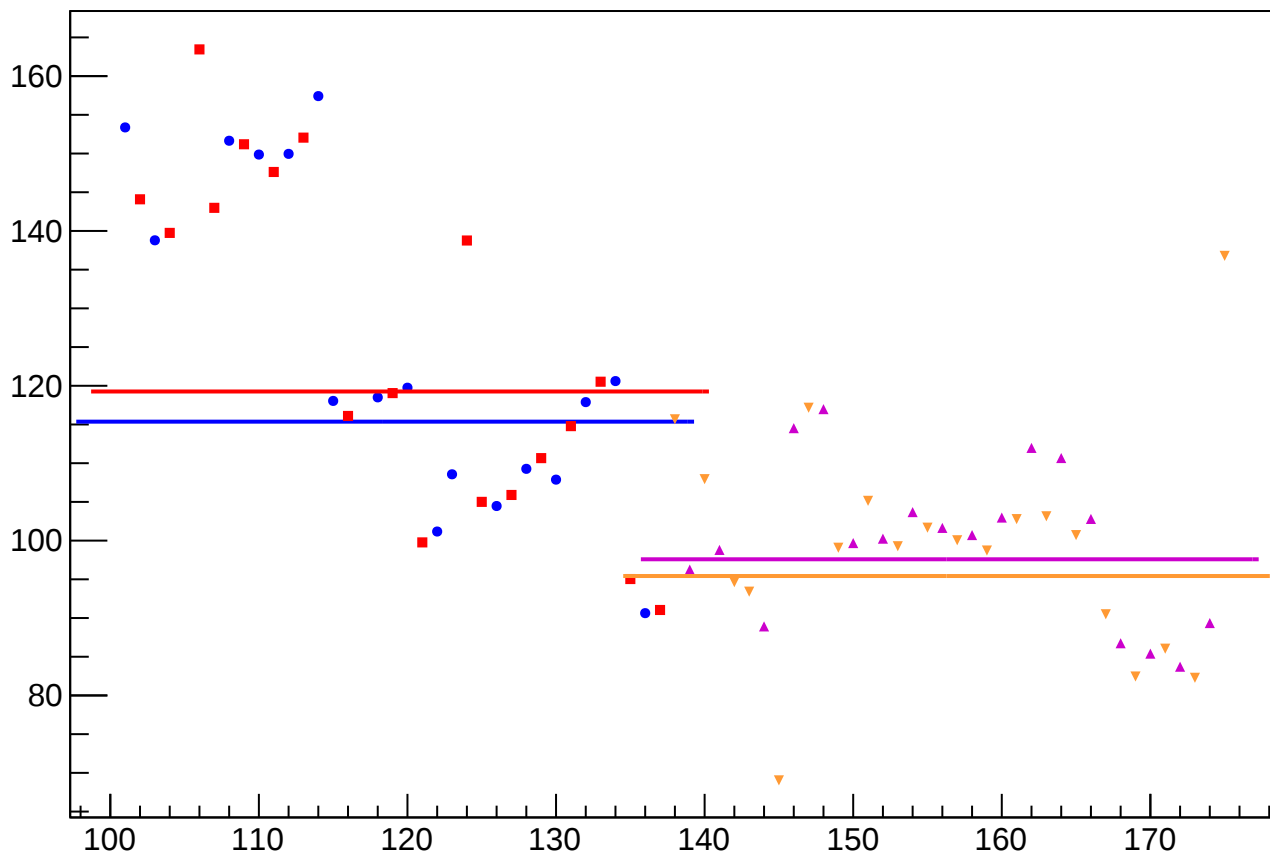
Right: 35.869 $\pm$ 32.170 χ^2 /NDF: 30.7/34

In: 16.284 $\pm$ 22.647 χ^2 /NDF:41.0/34

Out: -10.378 $\pm$ 21.805 χ^2 /NDF:41.3/37

All: 2.448 $\pm$ 15.708 χ^2 /NDF: 83.0/72

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.426 $\pm$ 0.018 χ^2 /NDF: 641927.0/19

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 97.588 $\pm$ 0.018 χ^2 /NDF: 270073.8/17

Left: 96.450 $\pm$ 0.013 χ^2 /NDF: 919193.4/37

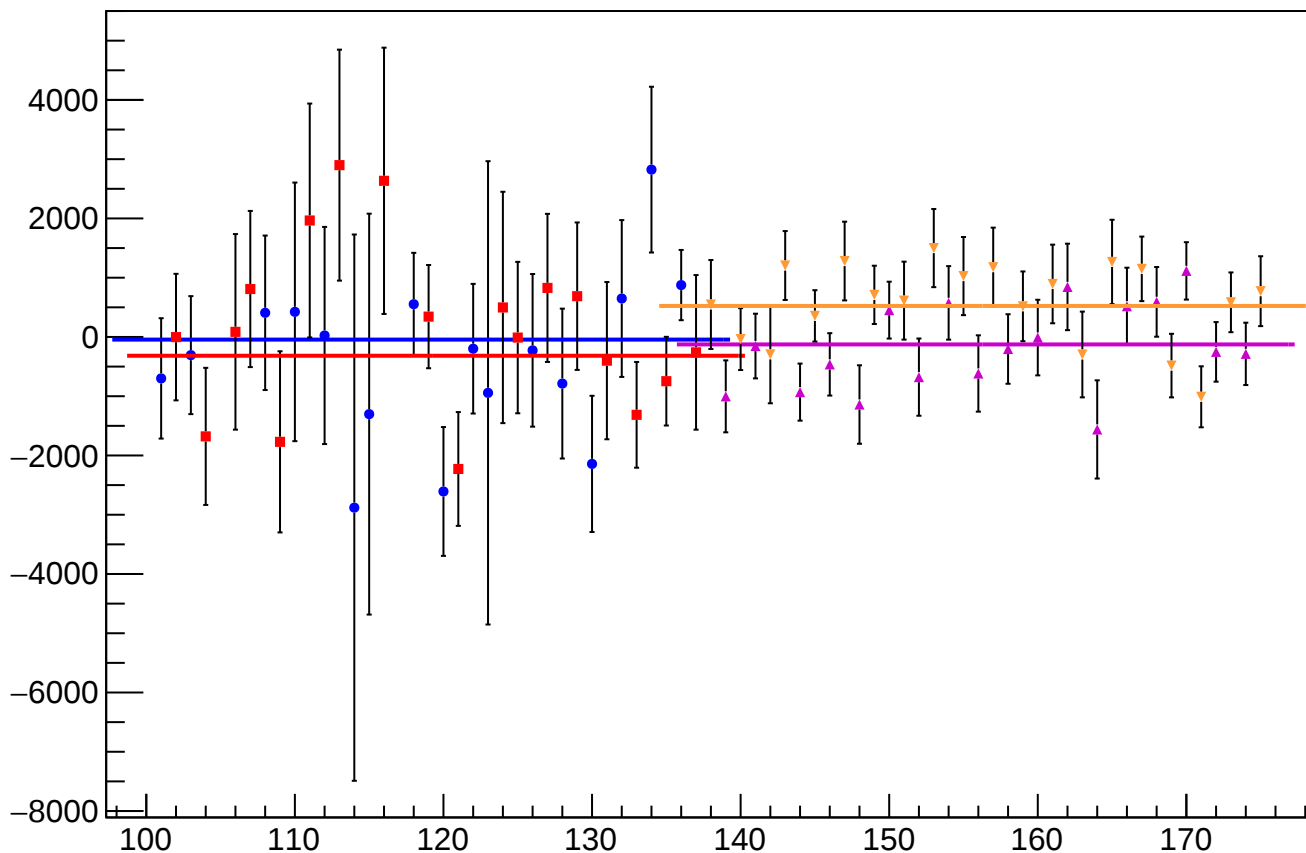
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 102.035 $\pm$ 0.016 χ^2 /NDF: 912606.0/34

Out: 100.850 $\pm$ 0.015 χ^2 /NDF: 1460350.2/37

All: 101.420 $\pm$ 0.011 χ^2 /NDF: 2375793.5/72

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 523.342 ± 132.211 χ^2/NDF : 25.4/19

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -126.140 ± 136.379 χ^2/NDF : 25.7/17

Left: 208.677 ± 94.926 χ^2/NDF : 62.8/37

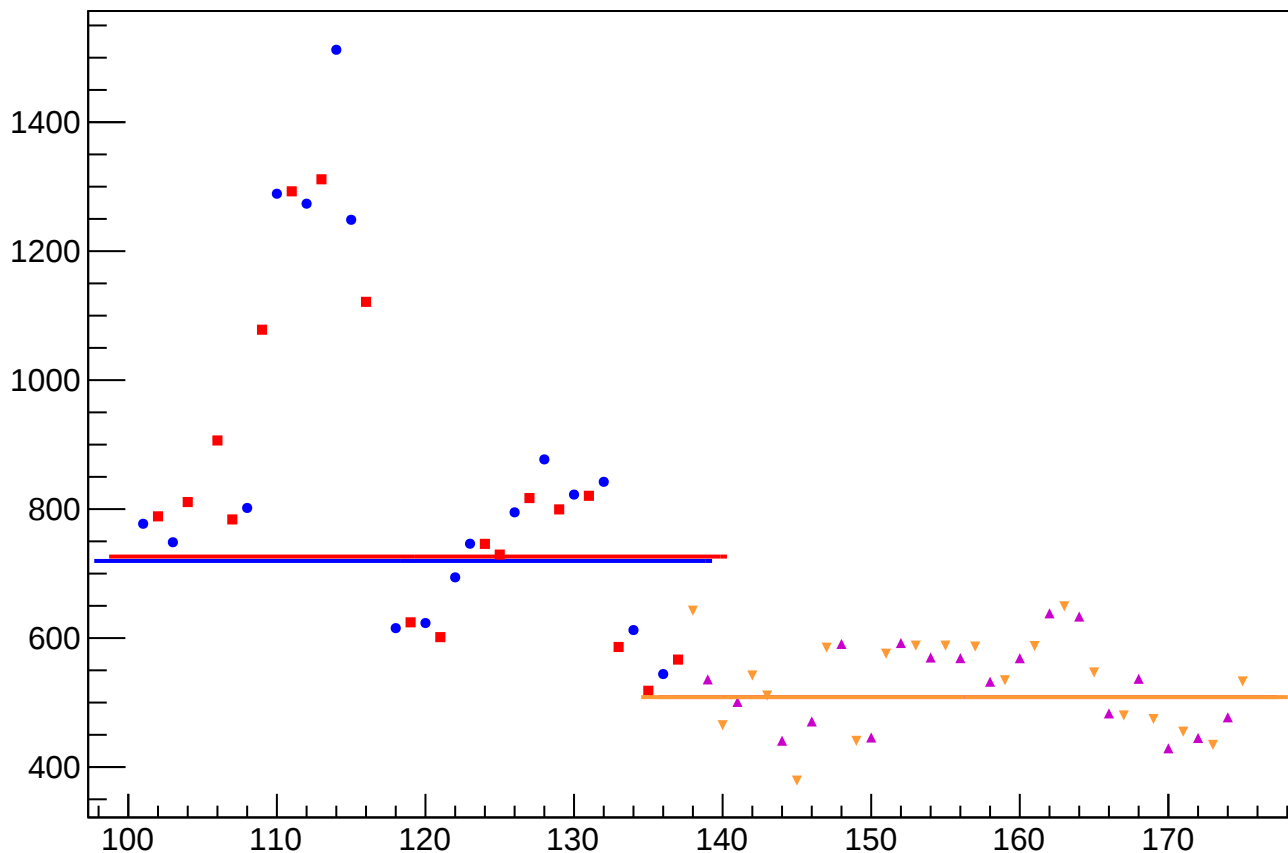
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -111.049 ± 123.122 χ^2/NDF : 43.6/34

Out: 372.895 ± 119.792 χ^2/NDF : 49.5/37

All: 137.555 ± 85.859 χ^2/NDF : 101.0/72

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606+/-0.202 χ^2/NDF : 746949.1/16

Left Out: 508.452+/-0.093 χ^2/NDF : 626974.5/19

Right Out: 726.397+/-0.200 χ^2/NDF : 880989.6/17

Left In: 508.551+/-0.096 χ^2/NDF : 419923.2/17

Left: 508.500+/-0.067 χ^2/NDF : 1046898.2/37

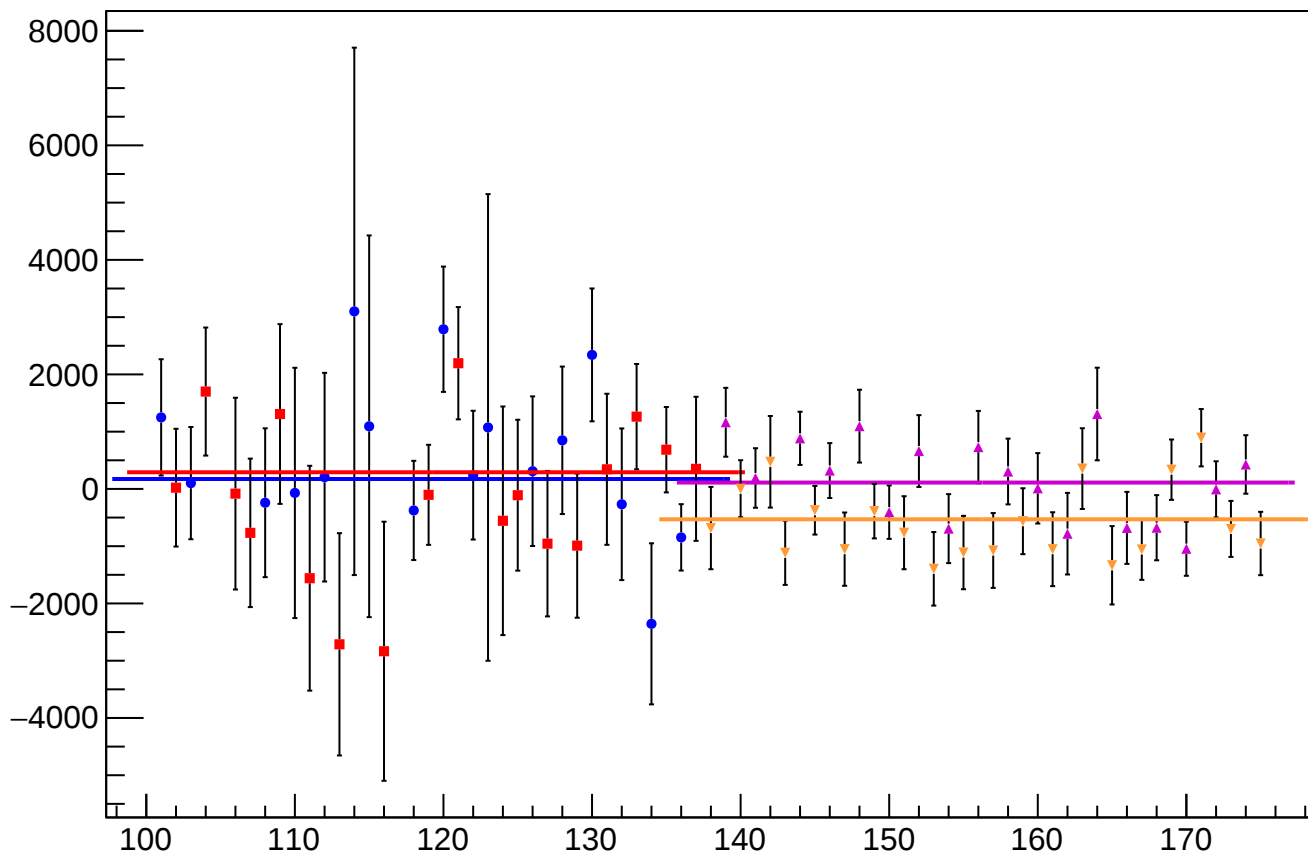
Right: 723.039+/-0.142 χ^2/NDF : 1628507.7/34

In: 547.588+/-0.087 χ^2/NDF : 2052813.1/34

Out: 547.472+/-0.085 χ^2/NDF : 2480997.3/37

All: 547.528+/-0.061 χ^2/NDF : 4533811.3/72

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: -530.477 $\pm$ 128.105 χ^2 /NDF:24.3/19

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 111.233 $\pm$ 131.765 χ^2 /NDF:27.0/17

Left: -218.658 $\pm$ 91.850 χ^2 /NDF: 63.5/37

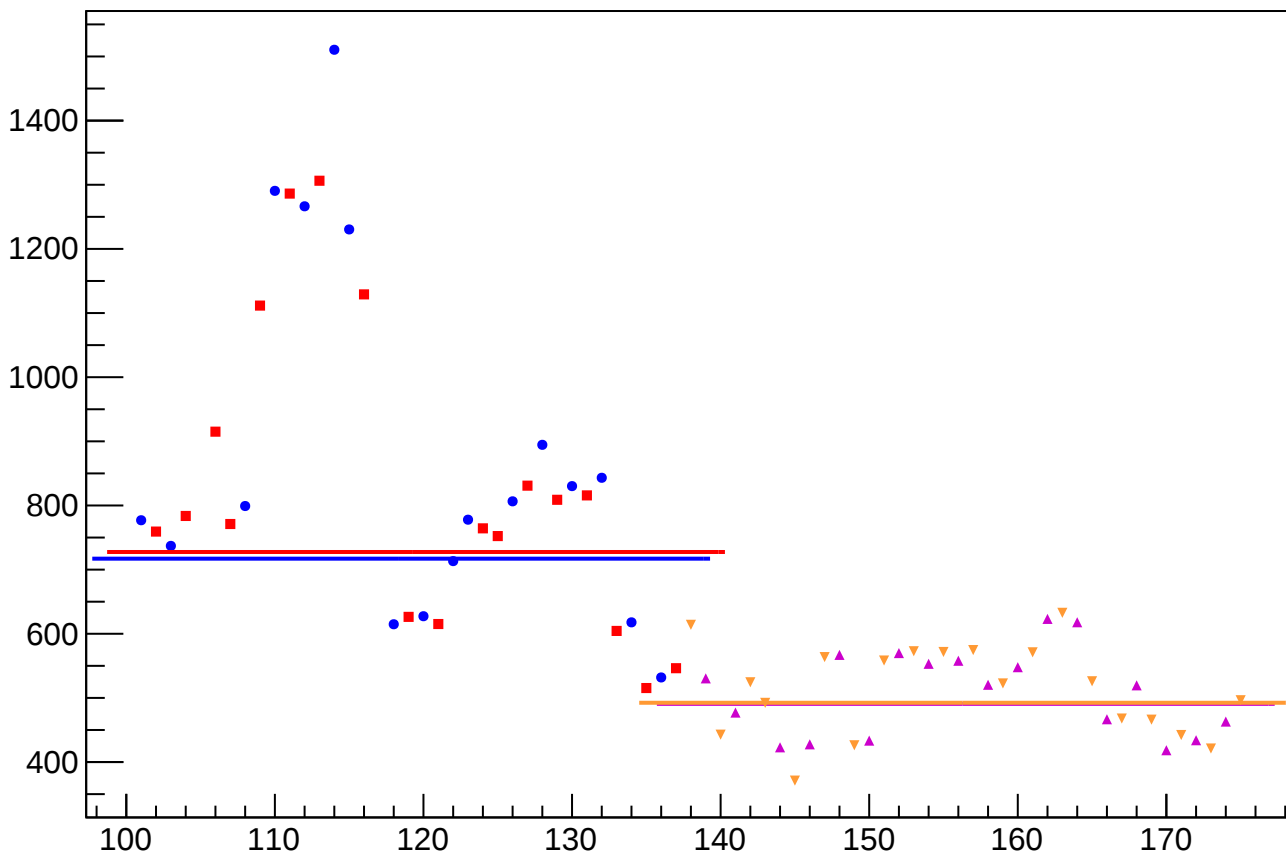
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 122.100 $\pm$ 119.650 χ^2 /NDF:45.2/34

Out: -391.256 $\pm$ 116.743 χ^2 /NDF:46.9/37

All: -140.891 $\pm$ 83.559 χ^2 /NDF: 101.5/72

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: 492.443 $\pm$ 0.091 χ^2 /NDF: 612923.2/19

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 490.702 $\pm$ 0.093 χ^2 /NDF: 451161.9/17

Left: 491.597 $\pm$ 0.065 χ^2 /NDF: 1064264.6/37

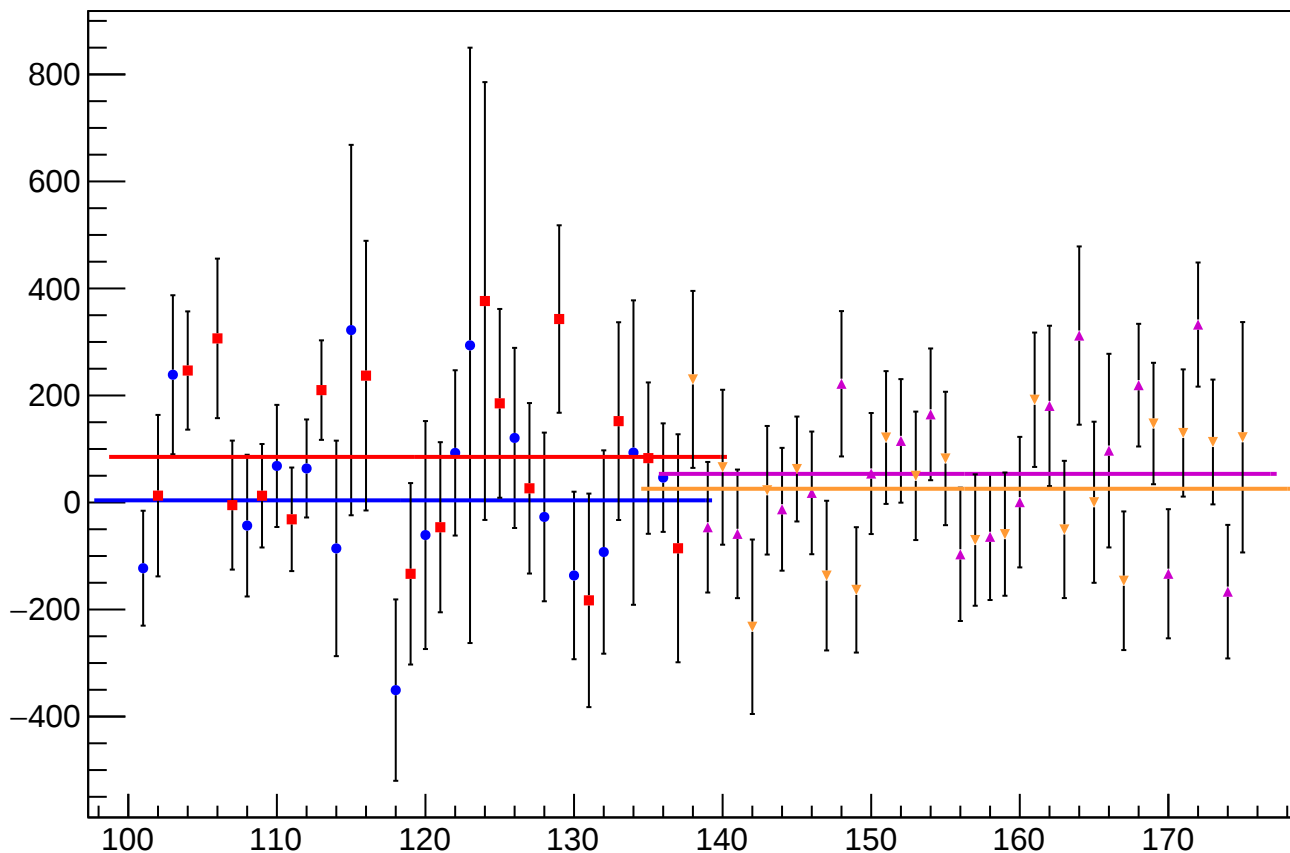
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 530.415 $\pm$ 0.085 χ^2 /NDF: 2269233.7/34

Out: 532.288 $\pm$ 0.083 χ^2 /NDF: 2635316.7/37

All: 531.375 $\pm$ 0.059 χ^2 /NDF: 4904801.3/72

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 25.653 ± 28.500 $\chi^2/\text{NDF}: 16.8/19$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 53.501 ± 29.366 $\chi^2/\text{NDF}: 23.8/17$

Left: 39.160 ± 20.452 $\chi^2/\text{NDF}: 41.0/37$

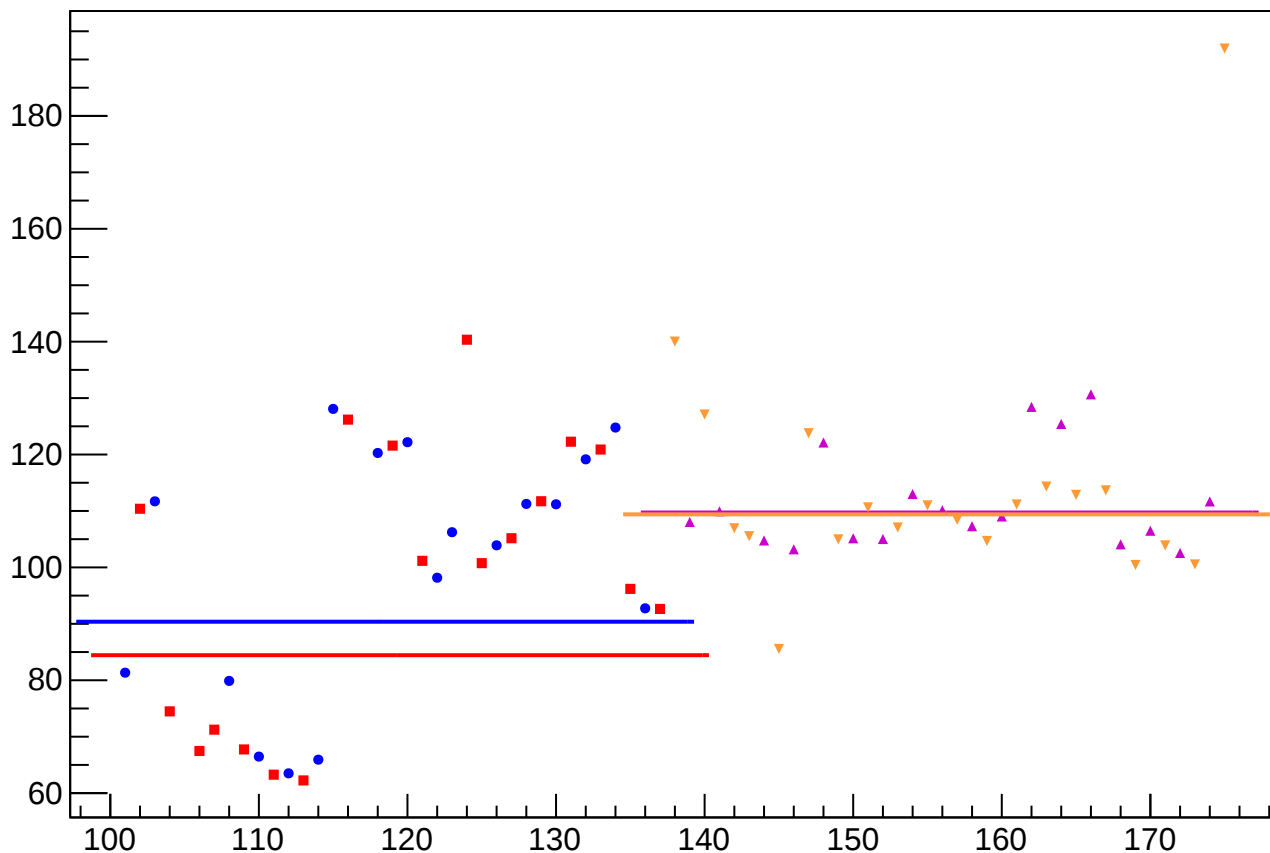
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 33.695 ± 22.743 $\chi^2/\text{NDF}: 37.7/34$

Out: 50.733 ± 21.684 $\chi^2/\text{NDF}: 36.0/37$

All: 42.620 ± 15.694 $\chi^2/\text{NDF}: 73.9/72$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 109.397+/-0.020 χ^2/NDF : 577006.9/19

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 109.723+/-0.021 χ^2/NDF : 126328.7/17

Left: 109.555+/-0.014 χ^2/NDF : 703463.1/37

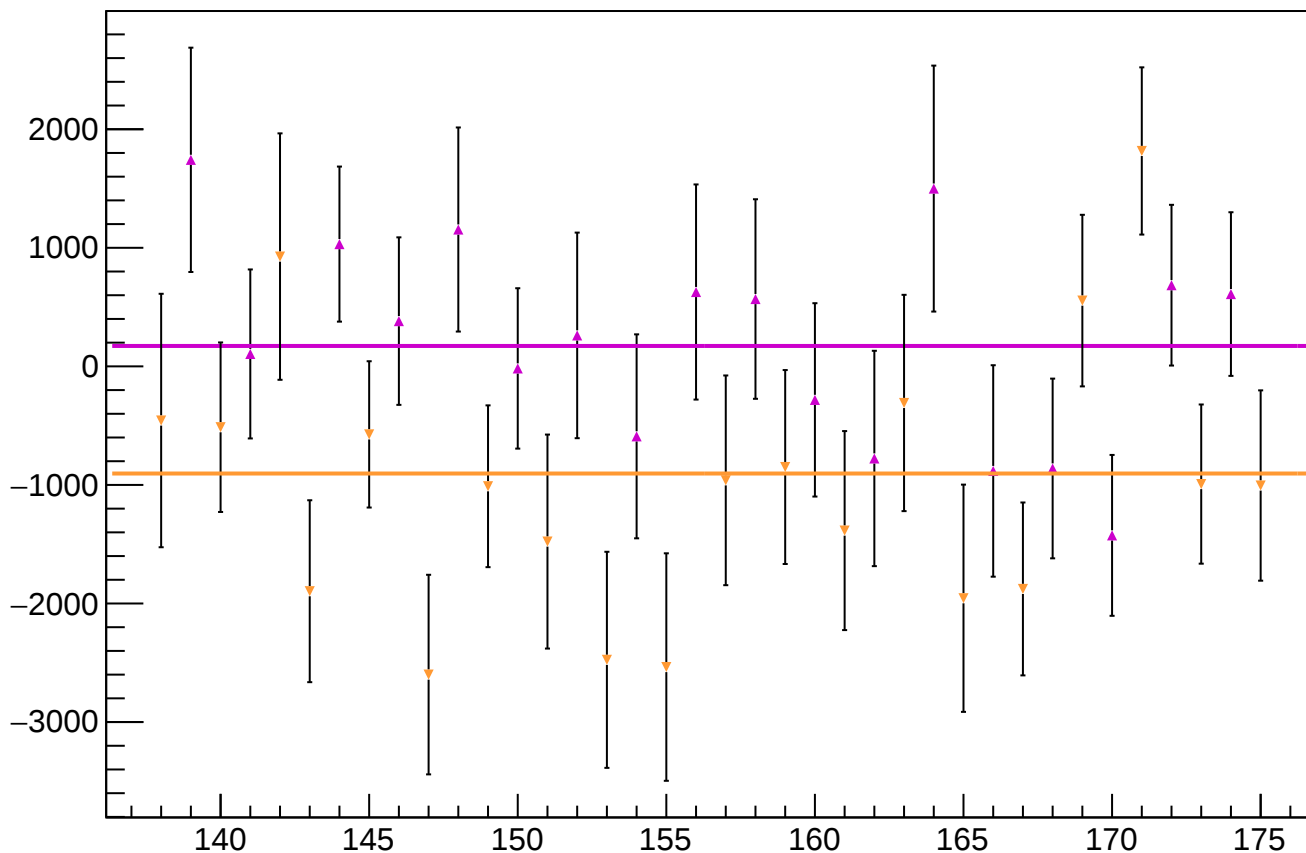
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 101.980+/-0.016 χ^2/NDF : 1127932.4/34

Out: 98.887+/-0.015 χ^2/NDF : 2093607.8/37

All: 100.360+/-0.011 χ^2/NDF : 3240917.5/72

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -903.772+/-178.976 χ^2/NDF :38.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 172.144+/-184.537 χ^2/NDF :20.0/17

Left: -382.270+/-128.476 χ^2/NDF : 76.2/37

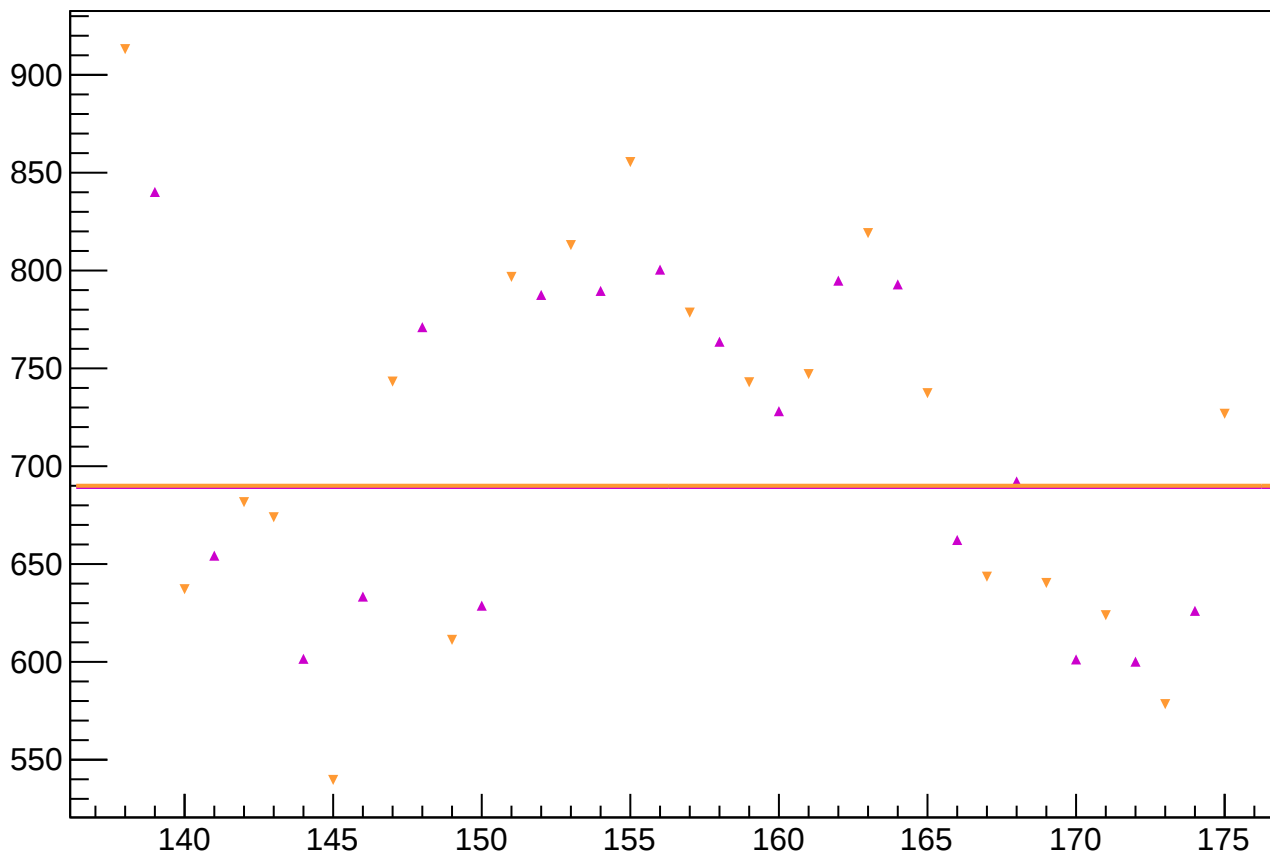
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.144+/-184.537 χ^2/NDF :20.0/17

Out: -903.772+/-178.976 χ^2/NDF :38.6/19

All: -382.270+/-128.476 χ^2/NDF : 76.2/37

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 689.385+/-0.130 χ^2/NDF :375232.0/17

Left: 689.716+/-0.091 χ^2/NDF : 928842.3/37

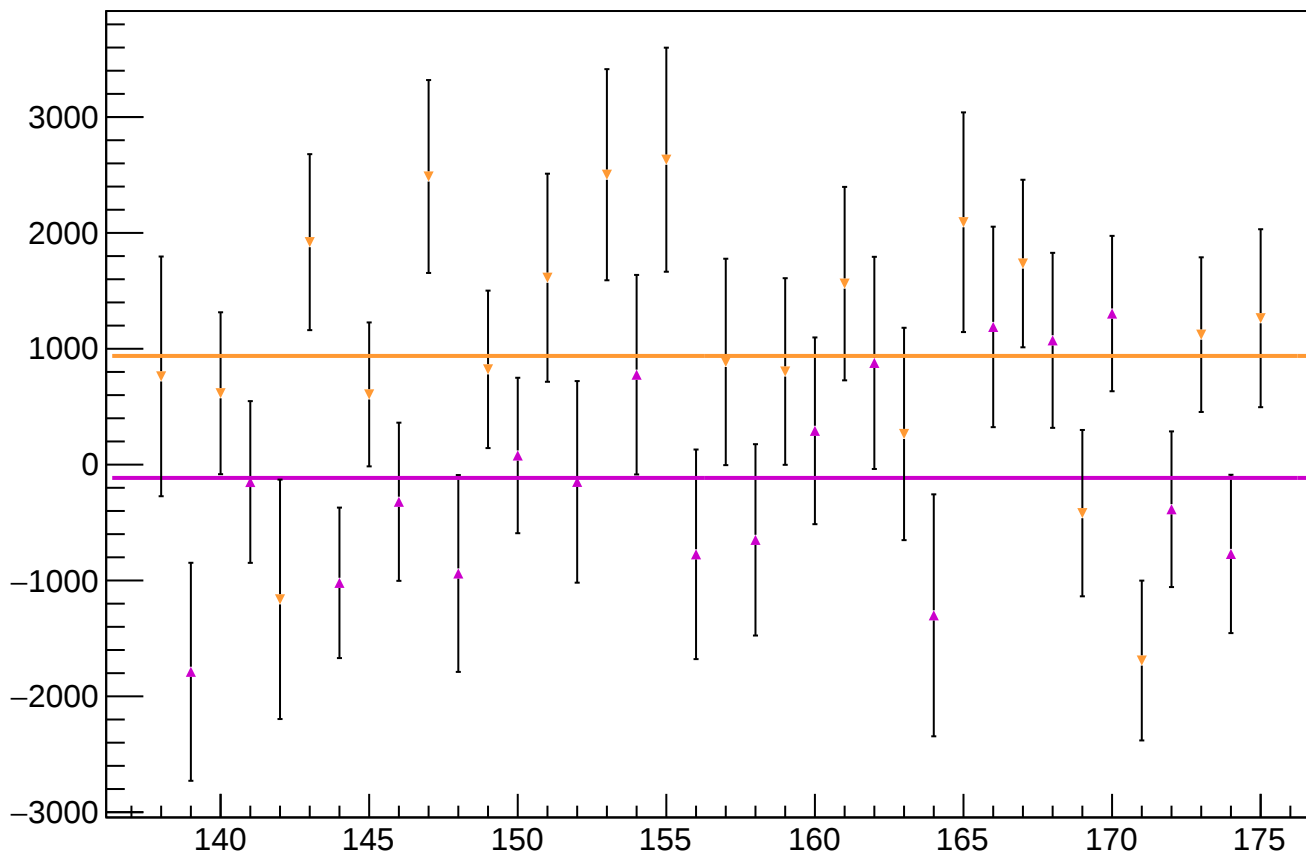
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.385+/-0.130 χ^2/NDF :375232.0/17

Out: 690.026+/-0.127 χ^2/NDF :553597.9/19

All: 689.716+/-0.091 χ^2/NDF : 928842.3/37

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 938.211+/-177.325 χ^2/NDF :38.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -114.787+/-182.622 χ^2/NDF :21.3/17

Left: 427.205+/-127.219 χ^2/NDF : 77.0/37

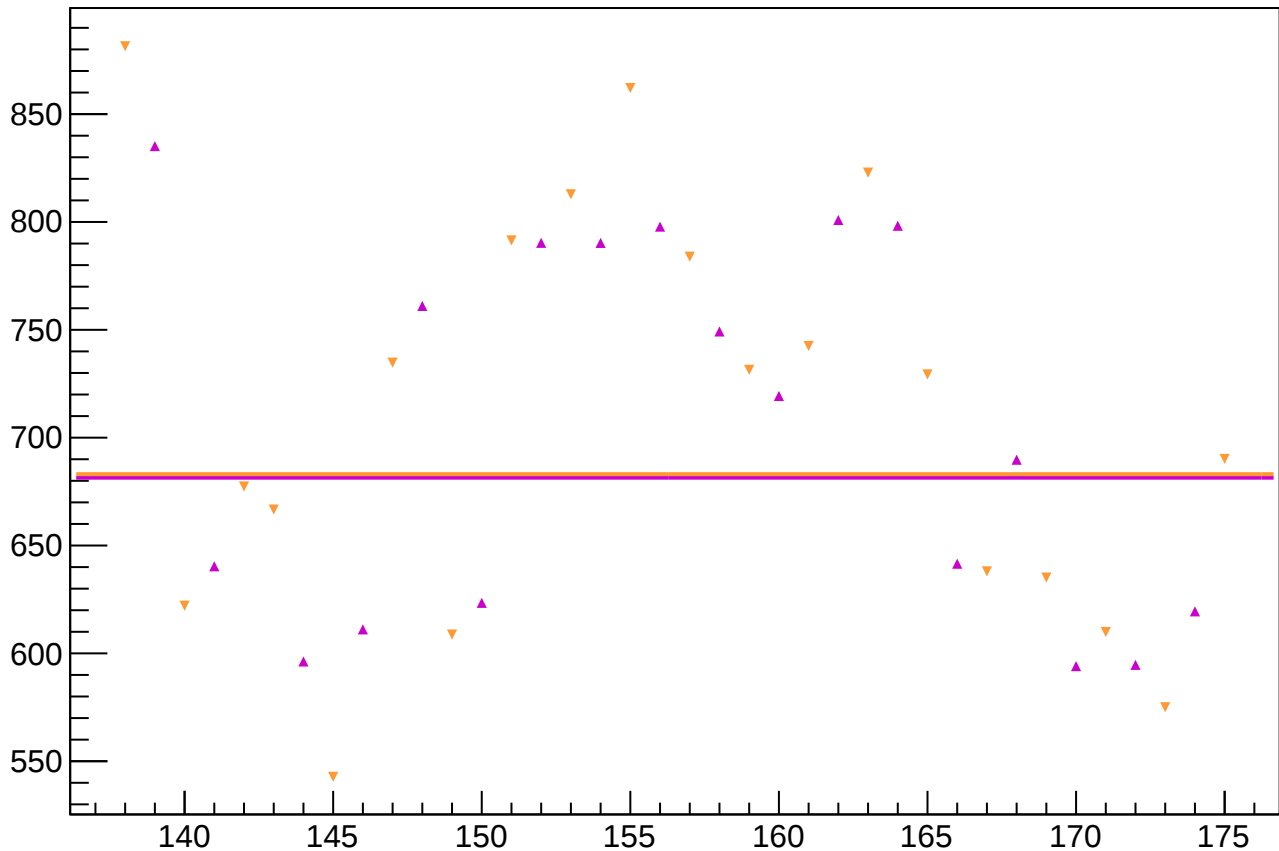
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -114.787+/-182.622 χ^2/NDF :21.3/17

Out: 938.211+/-177.325 χ^2/NDF :38.6/19

All: 427.205+/-127.219 χ^2/NDF : 77.0/37

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 683.080+/-0.125 χ^2/NDF : 547821.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Left: 682.291+/-0.090 χ^2/NDF : 958009.1/37

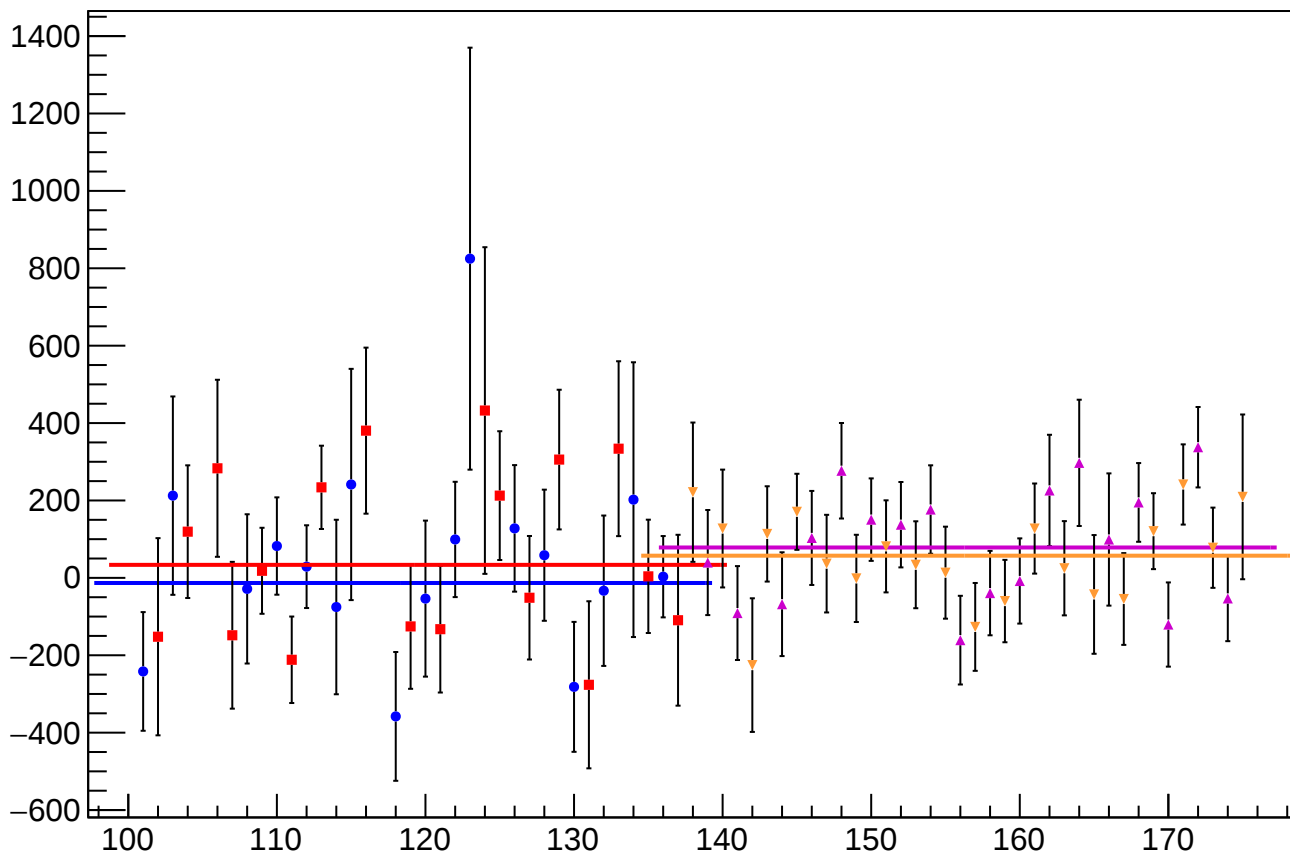
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Out: 683.080+/-0.125 χ^2/NDF : 547821.7/19

All: 682.291+/-0.090 χ^2/NDF : 958009.1/37

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 57.322 ± 26.997 χ^2/NDF : 15.5/19

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 78.513 ± 27.990 χ^2/NDF : 28.6/17

Left: 67.535 ± 19.431 χ^2/NDF : 44.4/37

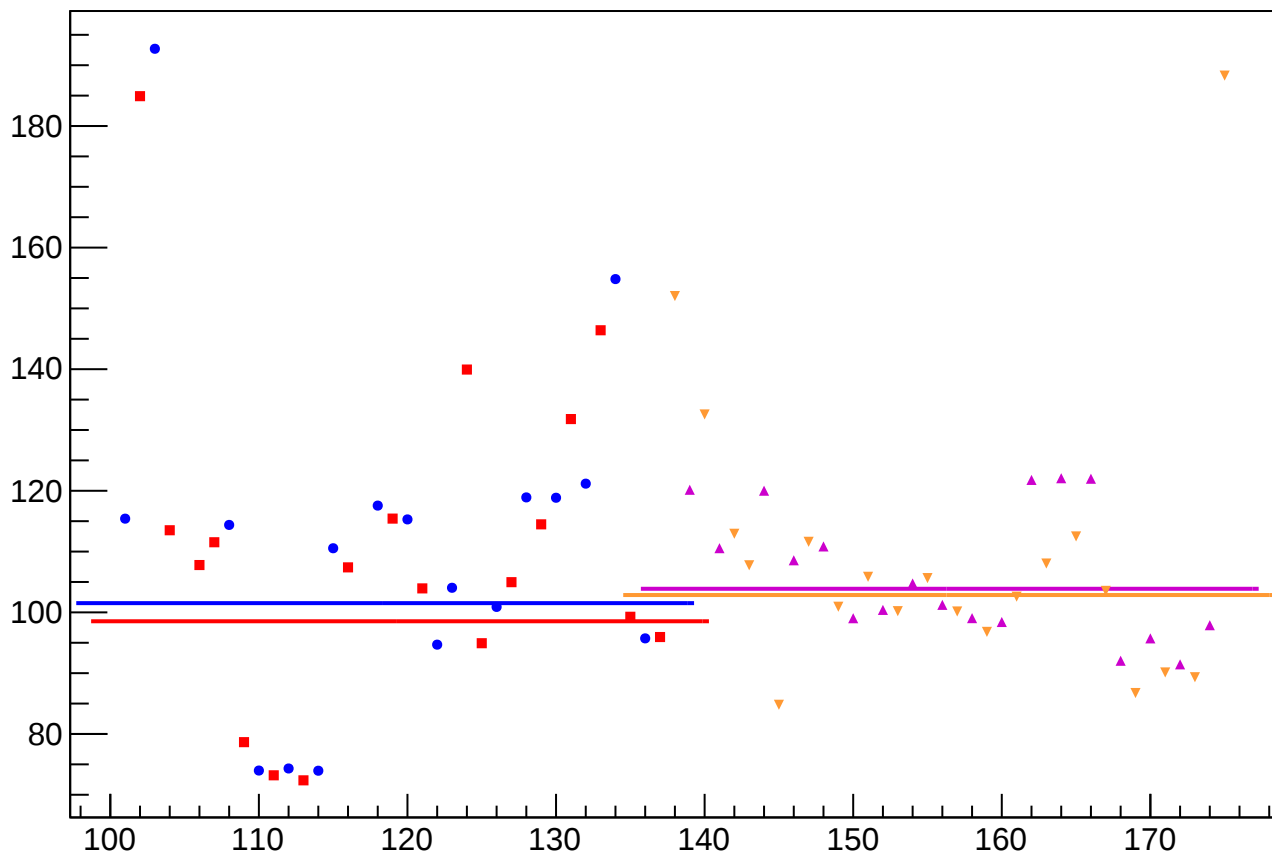
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 48.915 ± 23.036 χ^2/NDF : 47.8/34

Out: 49.621 ± 22.177 χ^2/NDF : 40.4/37

All: 49.281 ± 15.977 χ^2/NDF : 88.2/72

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 102.852 $\pm$ 0.019 χ^2 /NDF: 776180.2/19

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 103.881 $\pm$ 0.020 χ^2 /NDF: 240347.6/17

Left: 103.348 $\pm$ 0.014 χ^2 /NDF: 1017927.3/37

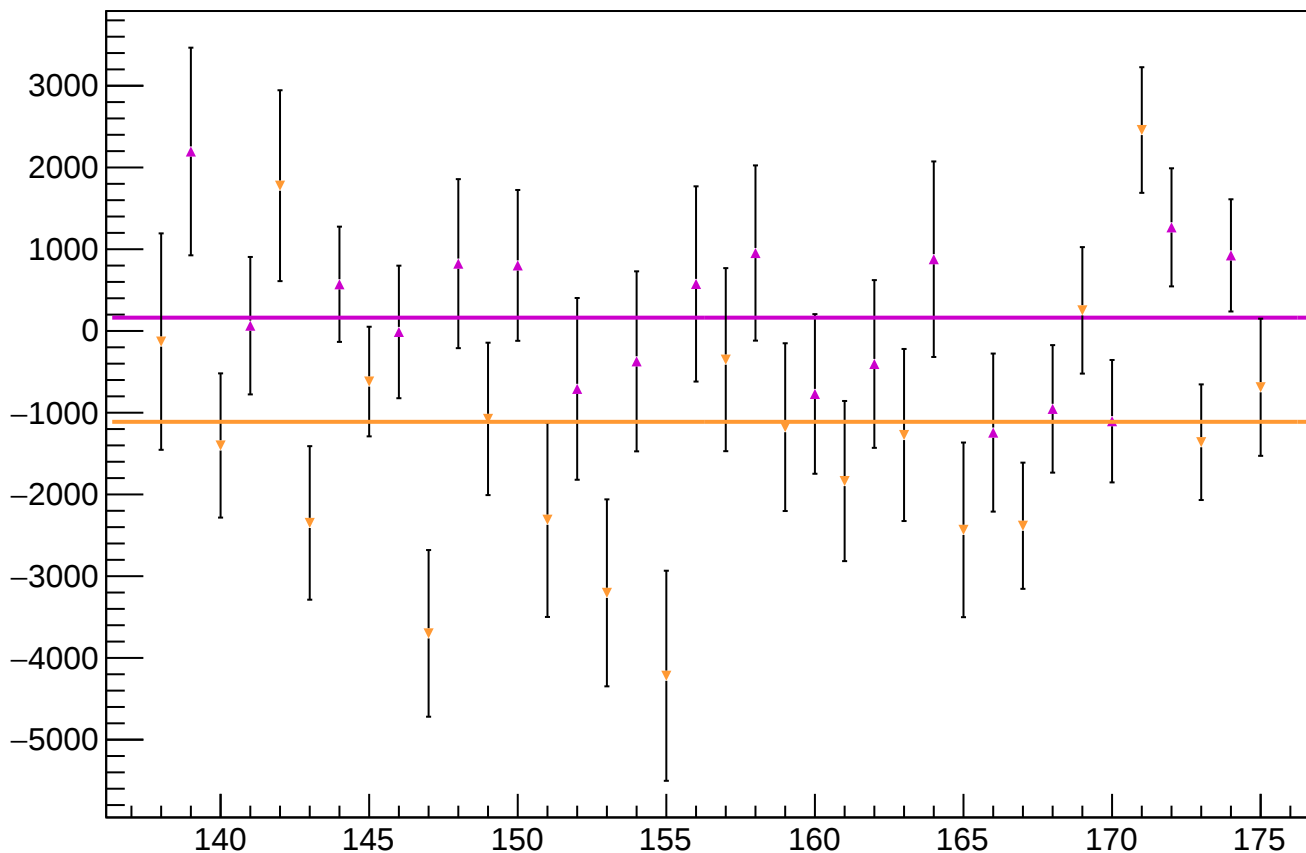
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 103.119 $\pm$ 0.016 χ^2 /NDF: 926656.3/34

Out: 101.449 $\pm$ 0.016 χ^2 /NDF: 1539779.5/37

All: 102.252 $\pm$ 0.011 χ^2 /NDF: 2471890.6/72

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1111.507+/-207.775 χ^2/NDF :56.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.768+/-212.642 χ^2/NDF :17.5/17

Left: -489.120+/-148.610 χ^2/NDF : 91.9/37

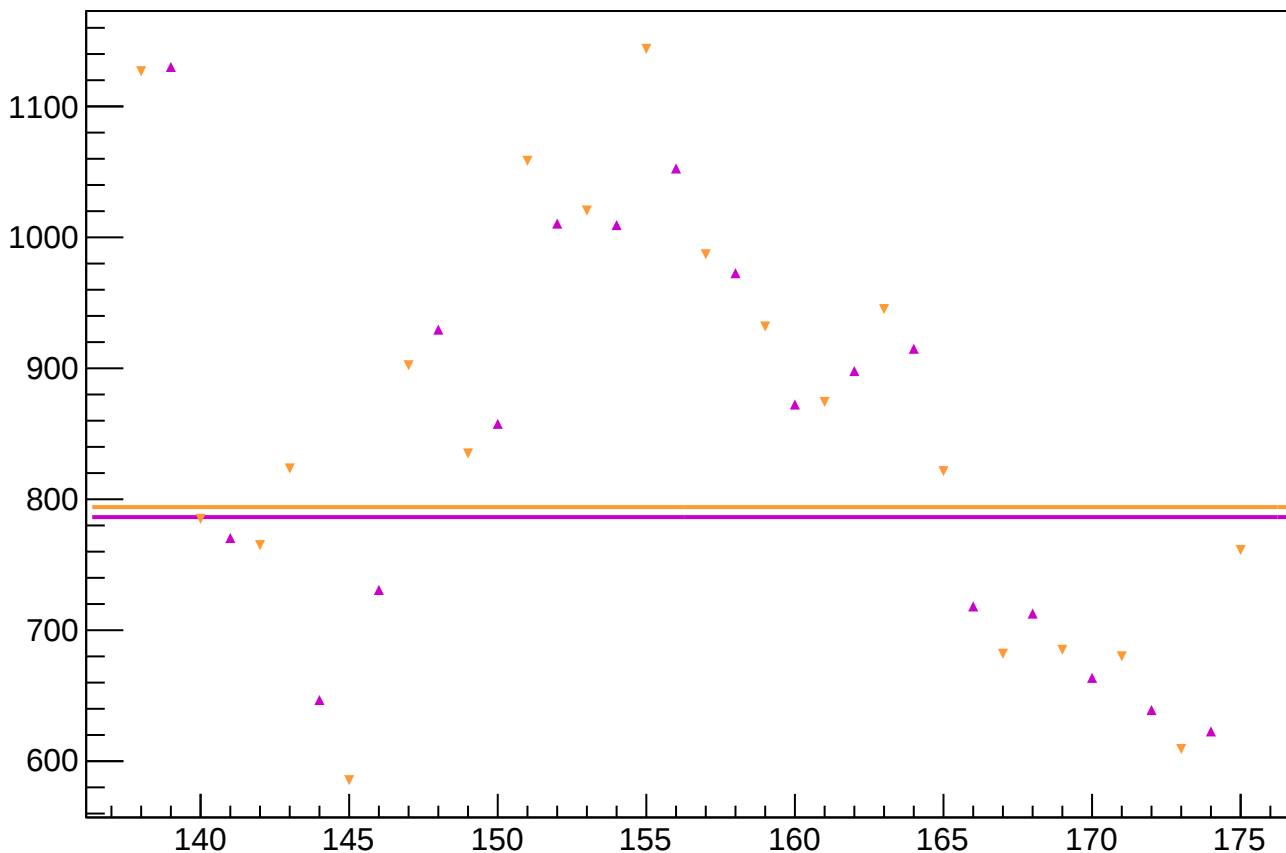
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.768+/-212.642 χ^2/NDF :17.5/17

Out: -1111.507+/-207.775 χ^2/NDF :56.0/19

All: -489.120+/-148.610 χ^2/NDF : 91.9/37

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Left: 790.292+/-0.105 χ^2/NDF : 2042344.2/37

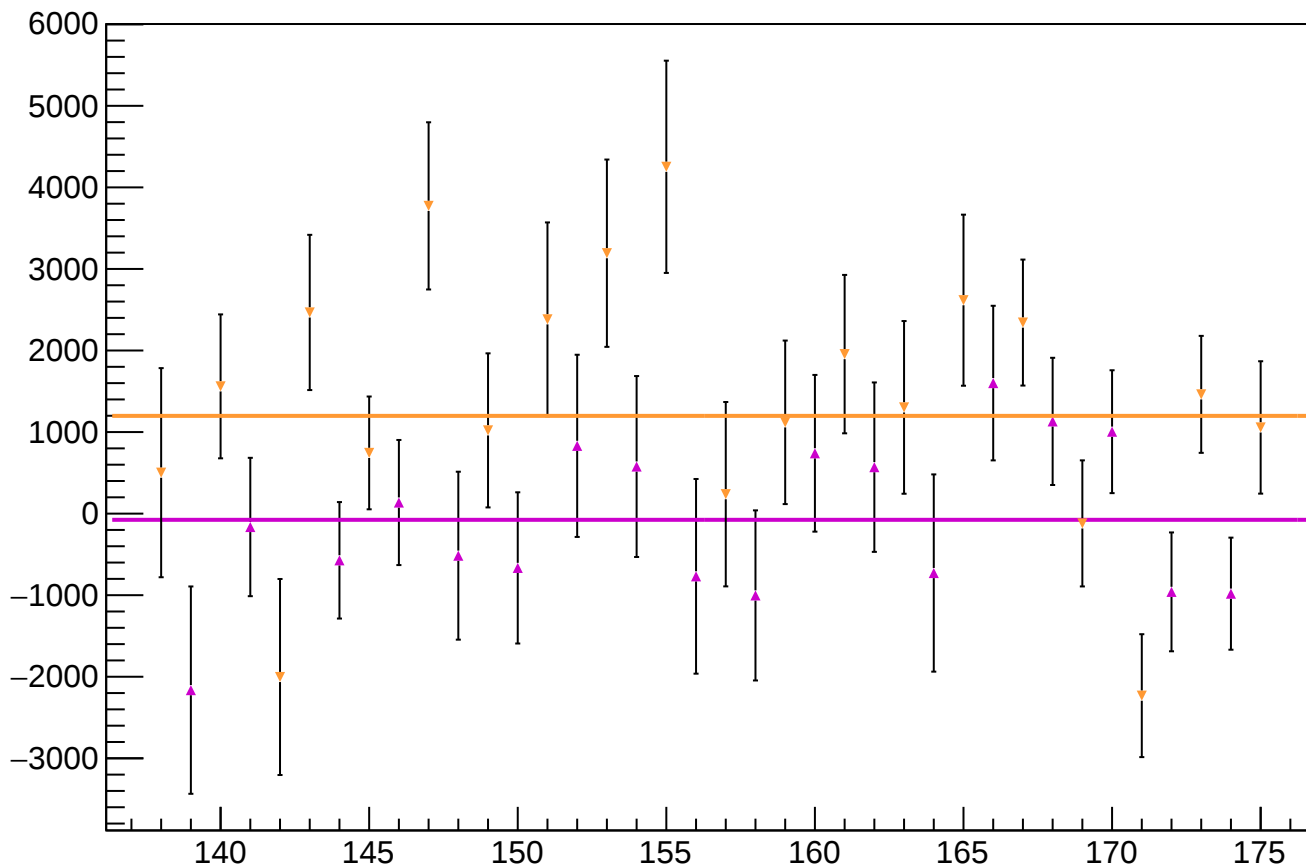
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Out: 794.026+/-0.147 χ^2/NDF :1091942.6/19

All: 790.292+/-0.105 χ^2/NDF : 2042344.2/37

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.953+/-212.096 χ^2/NDF :18.2/17

Left: 573.886+/-148.487 χ^2/NDF : 91.4/37

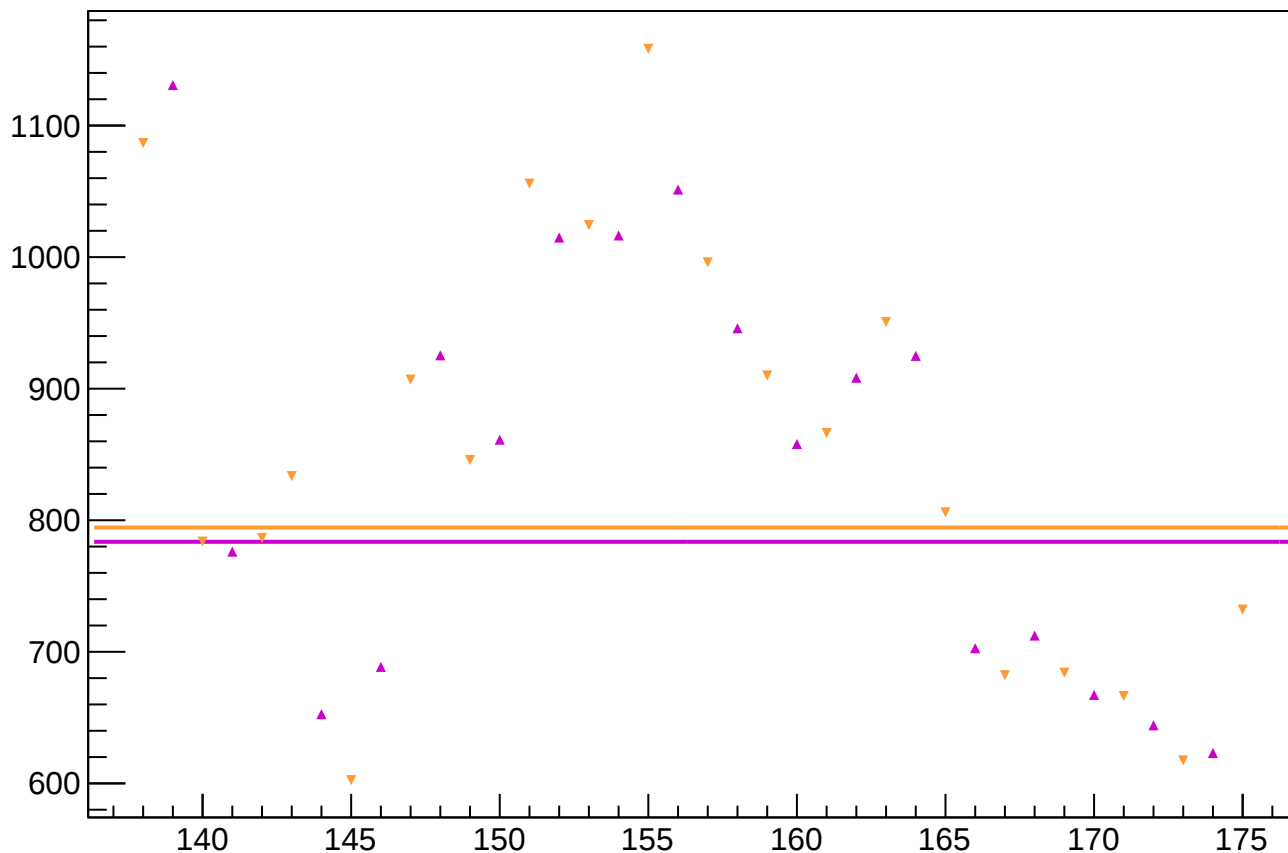
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.953+/-212.096 χ^2/NDF :18.2/17

Out: 1198.565+/-207.950 χ^2/NDF :54.8/19

All: 573.886+/-148.487 χ^2/NDF : 91.4/37

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 794.478+/-0.147 χ^2/NDF :1044427.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Left: 789.155+/-0.105 χ^2/NDF : 1998997.3/37

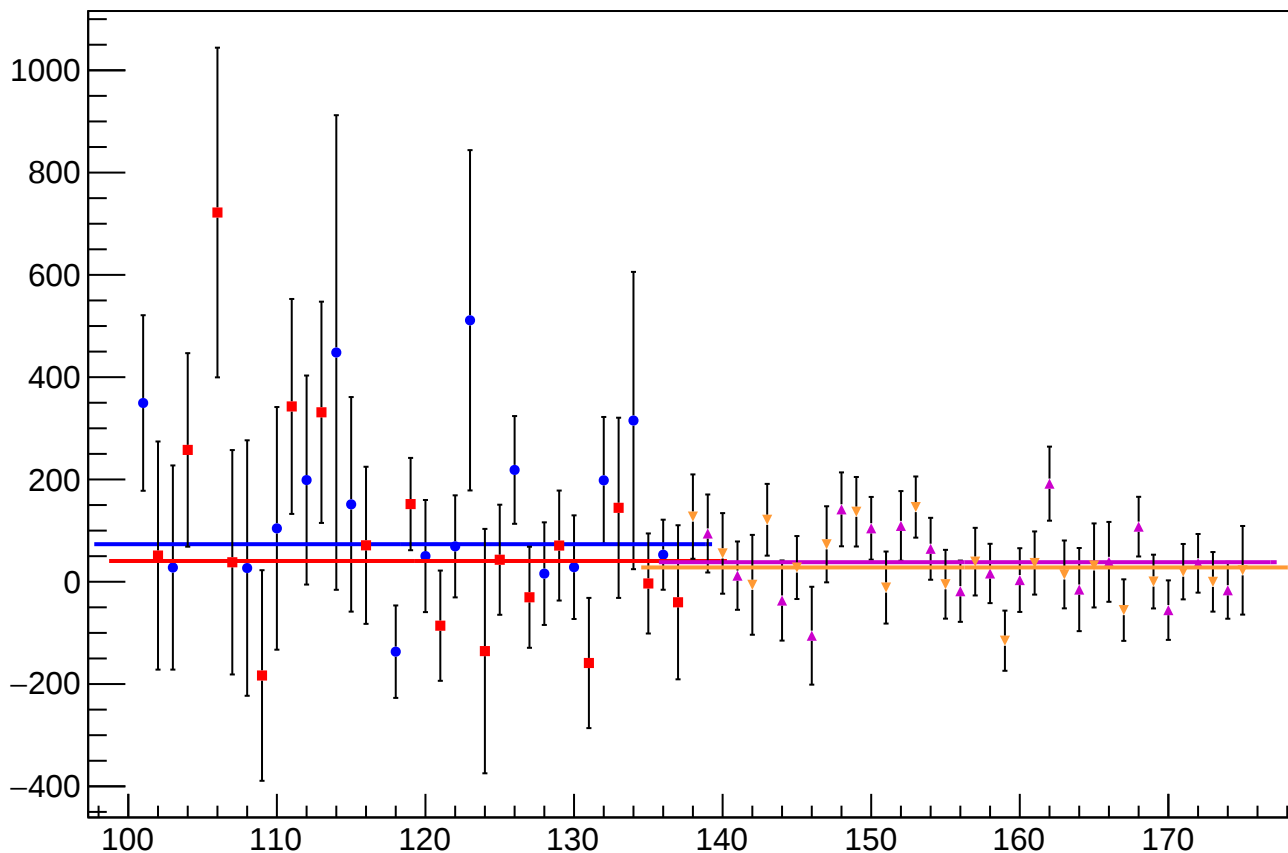
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Out: 794.478+/-0.147 χ^2/NDF :1044427.5/19

All: 789.155+/-0.105 χ^2/NDF : 1998997.3/37

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: 27.981 $\pm$ 14.837 χ^2 /NDF:19.3/19

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 38.247 $\pm$ 15.485 χ^2 /NDF:19.6/17

Left: 32.895 $\pm$ 10.713 χ^2 /NDF: 39.2/37

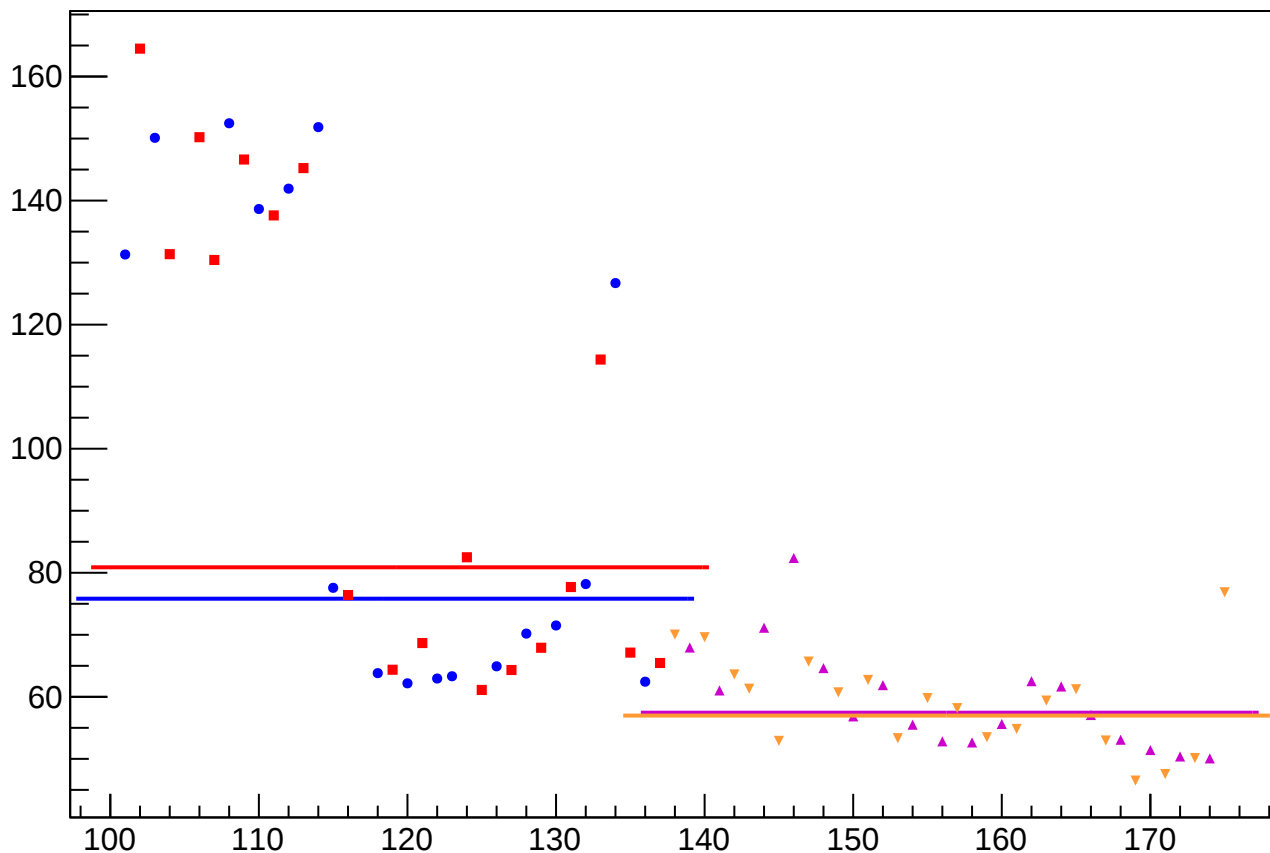
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 45.254 $\pm$ 13.858 χ^2 /NDF:35.9/34

Out: 30.129 $\pm$ 13.515 χ^2 /NDF:37.7/37

All: 37.502 $\pm$ 9.675 χ^2 /NDF: 74.2/72

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 56.977 $\pm$ 0.010 χ^2 /NDF: 484947.3/19

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 57.443 $\pm$ 0.011 χ^2 /NDF: 411847.2/17

Left: 57.200 $\pm$ 0.008 χ^2 /NDF: 897739.8/37

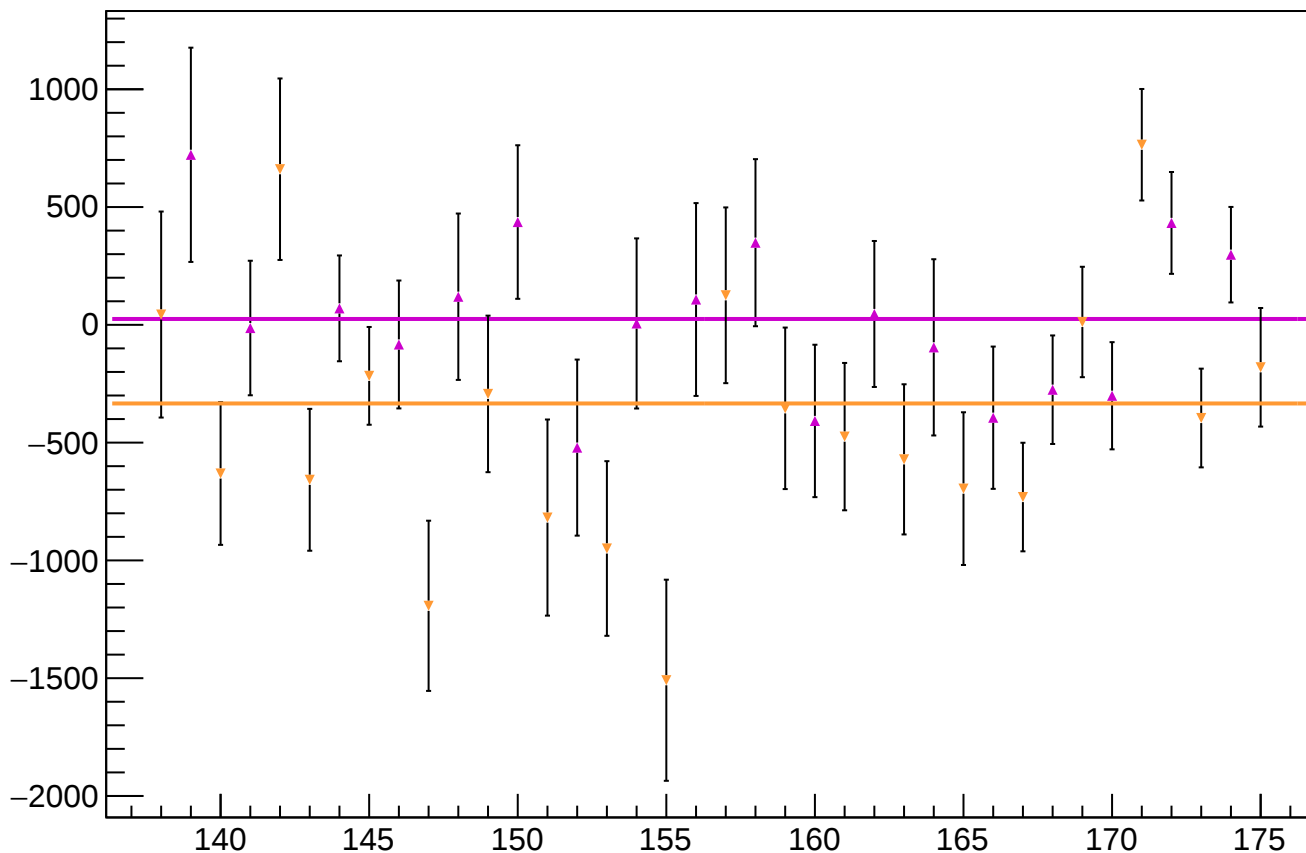
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 61.101 $\pm$ 0.010 χ^2 /NDF: 2322549.6/34

Out: 61.048 $\pm$ 0.010 χ^2 /NDF: 2895324.6/37

All: 61.074 $\pm$ 0.007 χ^2 /NDF: 5217888.9/72

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -333.797+/-65.783 χ^2/NDF :57.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.882+/-67.627 χ^2/NDF :20.2/17

Left: -159.417+/-47.154 χ^2/NDF : 92.5/37

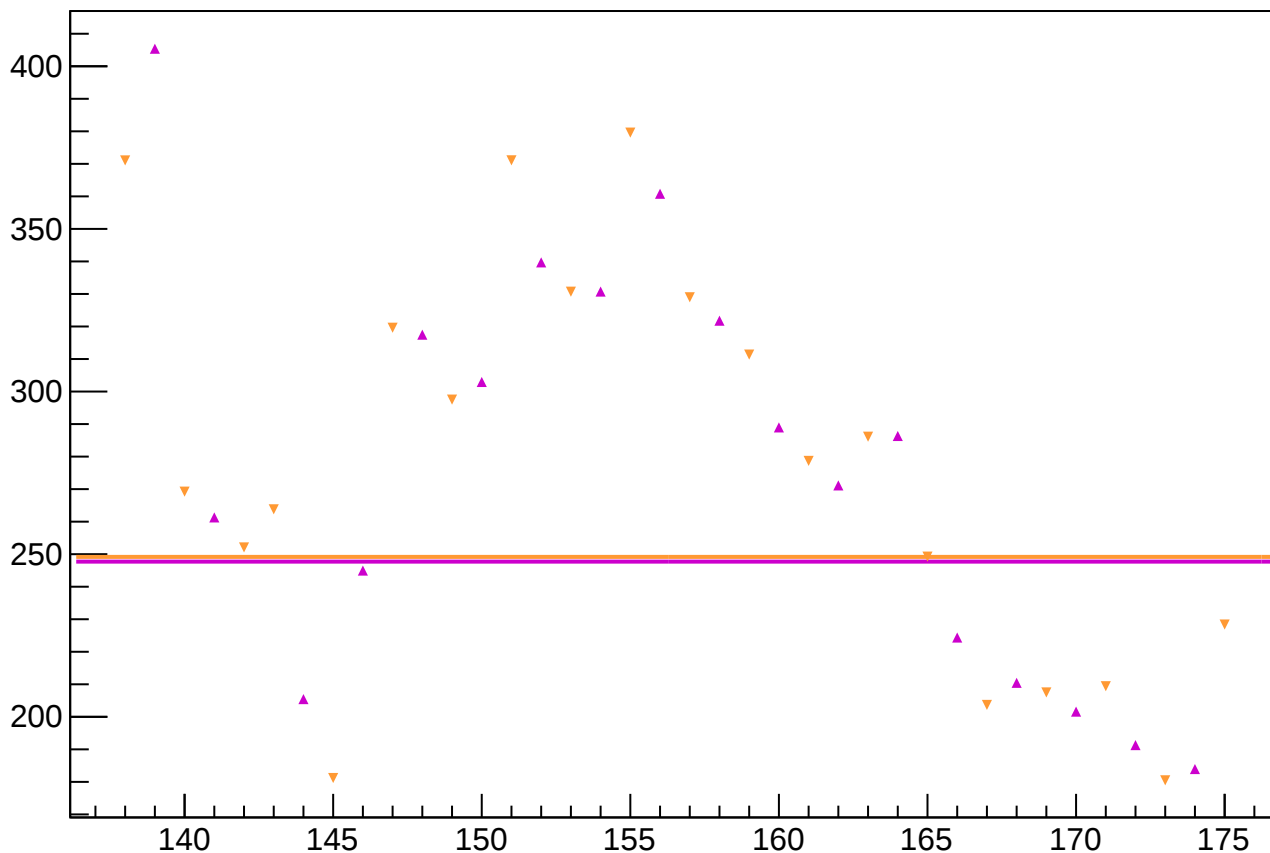
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.882+/-67.627 χ^2/NDF :20.2/17

Out: -333.797+/-65.783 χ^2/NDF :57.9/19

All: -159.417+/-47.154 χ^2/NDF : 92.5/37

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Left: 248.462+/-0.033 χ^2/NDF : 3049907.4/37

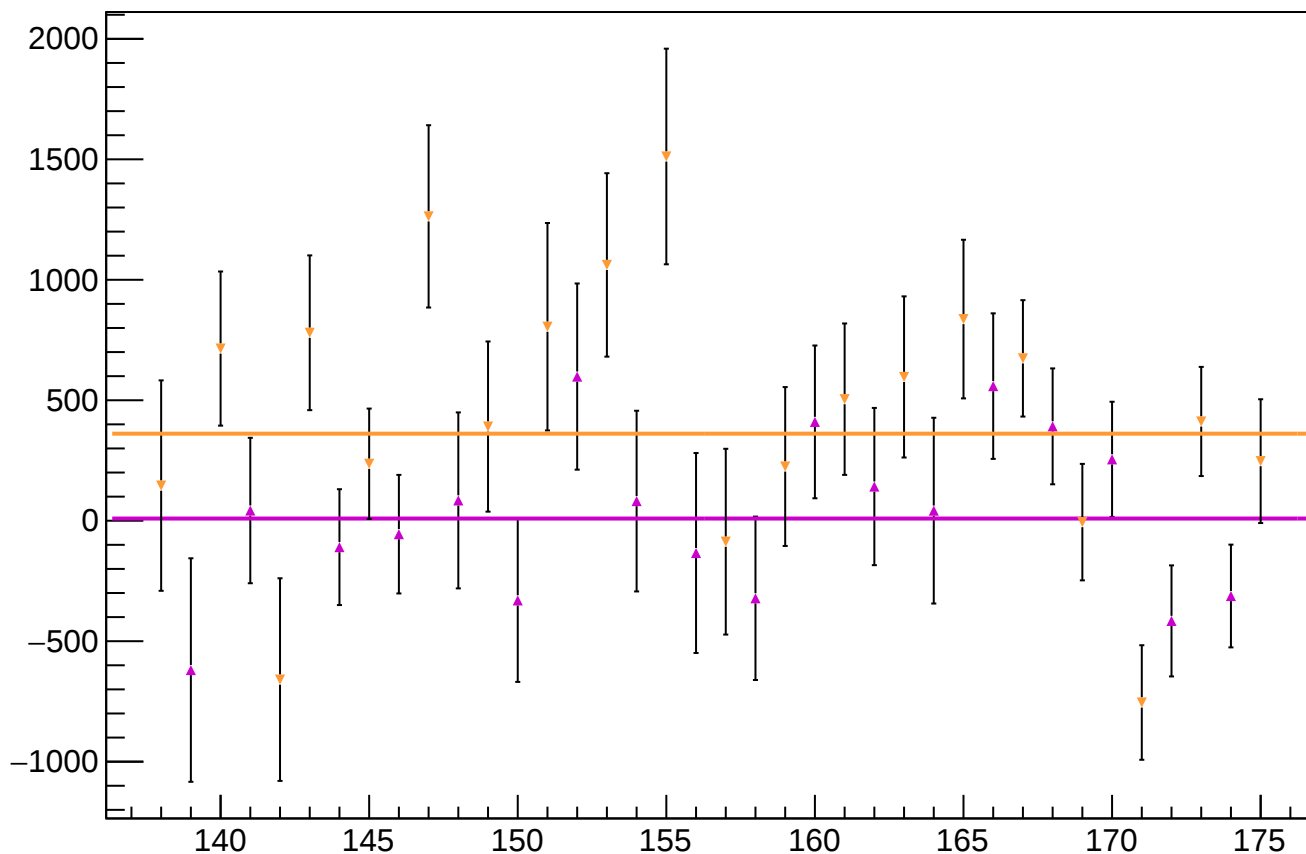
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Out: 249.169+/-0.047 χ^2/NDF :1585303.6/19

All: 248.462+/-0.033 χ^2/NDF : 3049907.4/37

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 361.354+/-68.597 χ^2/NDF :56.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.074+/-69.565 χ^2/NDF :21.0/17

Left: 187.683+/-48.844 χ^2/NDF : 90.7/37

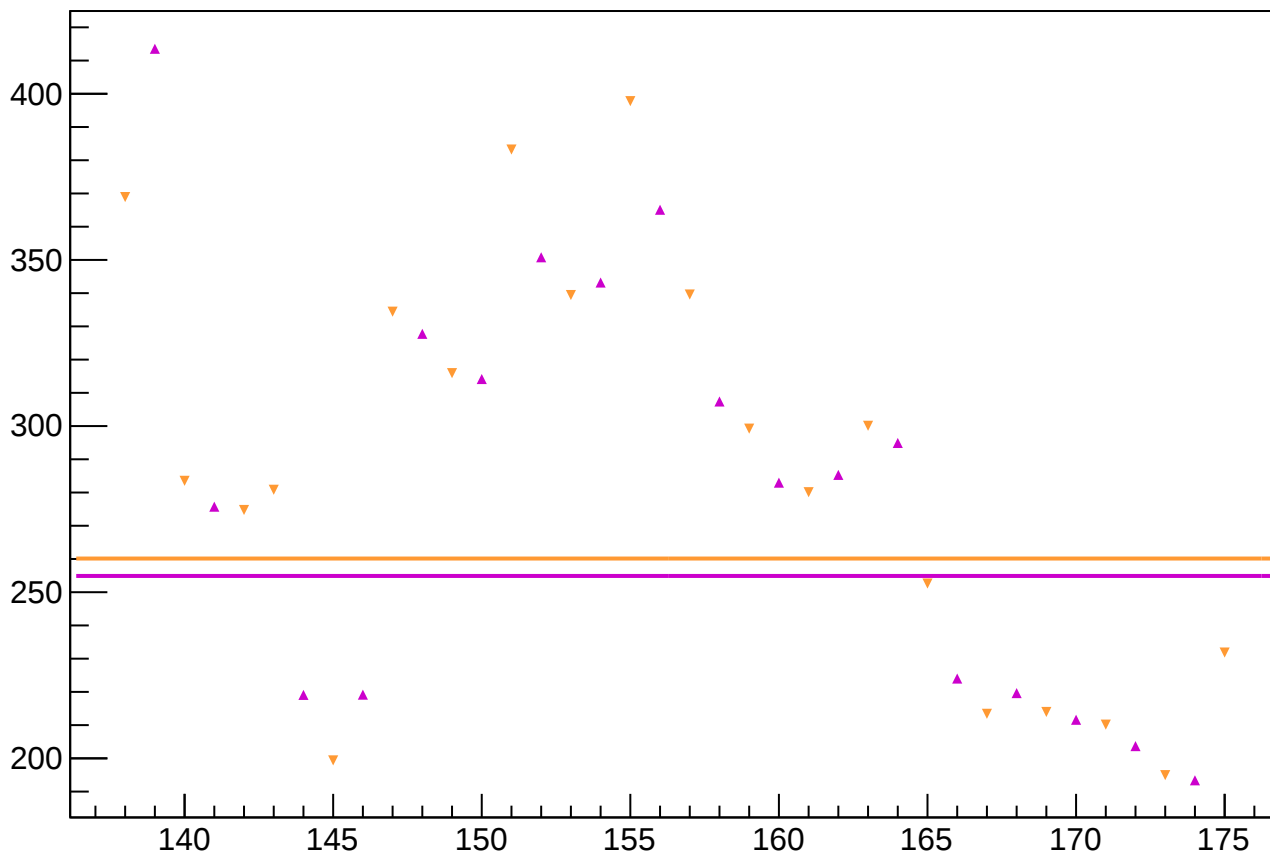
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.074+/-69.565 χ^2/NDF :21.0/17

Out: 361.354+/-68.597 χ^2/NDF :56.7/19

All: 187.683+/-48.844 χ^2/NDF : 90.7/37

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Left: 257.551+/-0.035 χ^2/NDF : 2778647.5/37

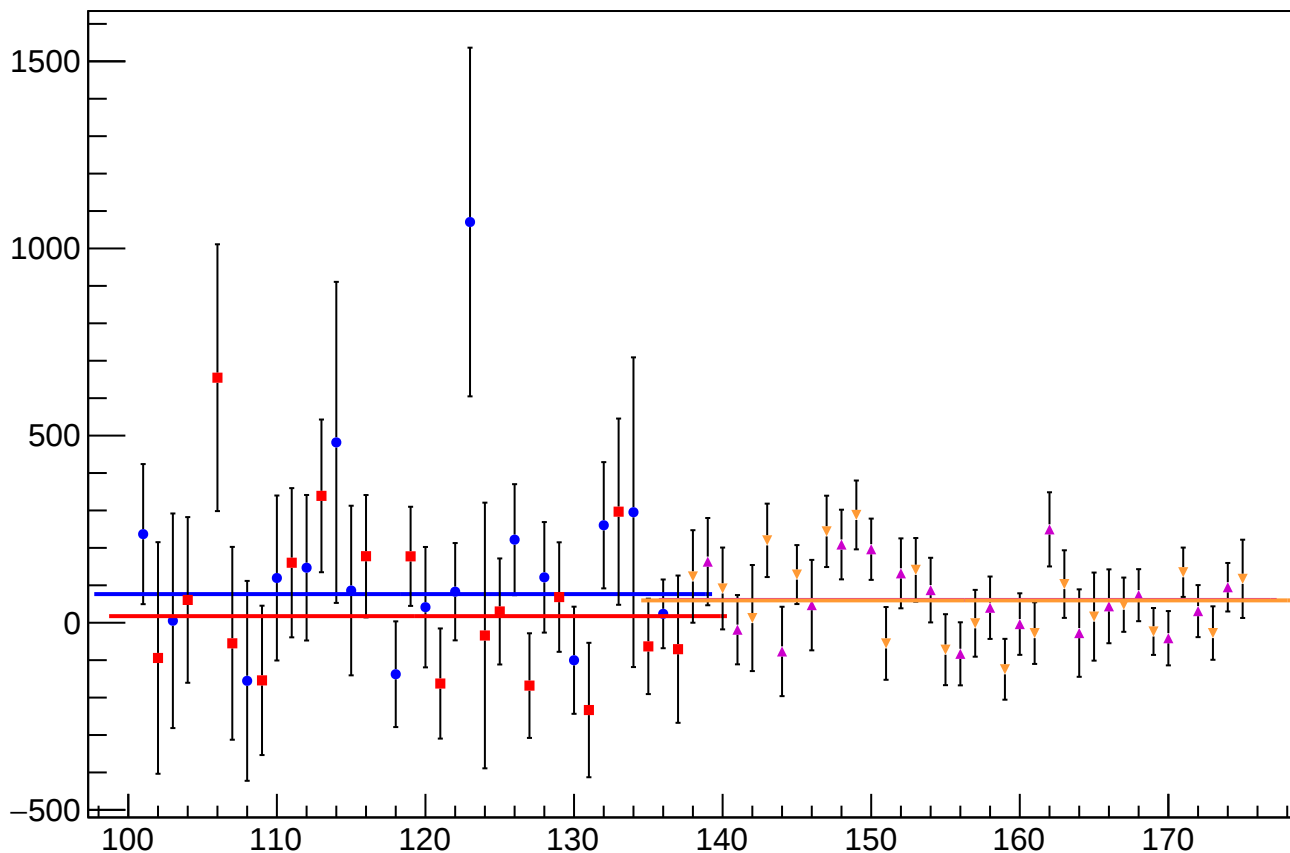
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Out: 260.134+/-0.049 χ^2/NDF :1429534.4/19

All: 257.551+/-0.035 χ^2/NDF : 2778647.5/37

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: 59.700 $\pm$ 19.500 χ^2 /NDF:30.0/19

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 60.863 $\pm$ 20.436 χ^2 /NDF:19.1/17

Left: 60.254 $\pm$ 14.108 χ^2 /NDF: 49.1/37

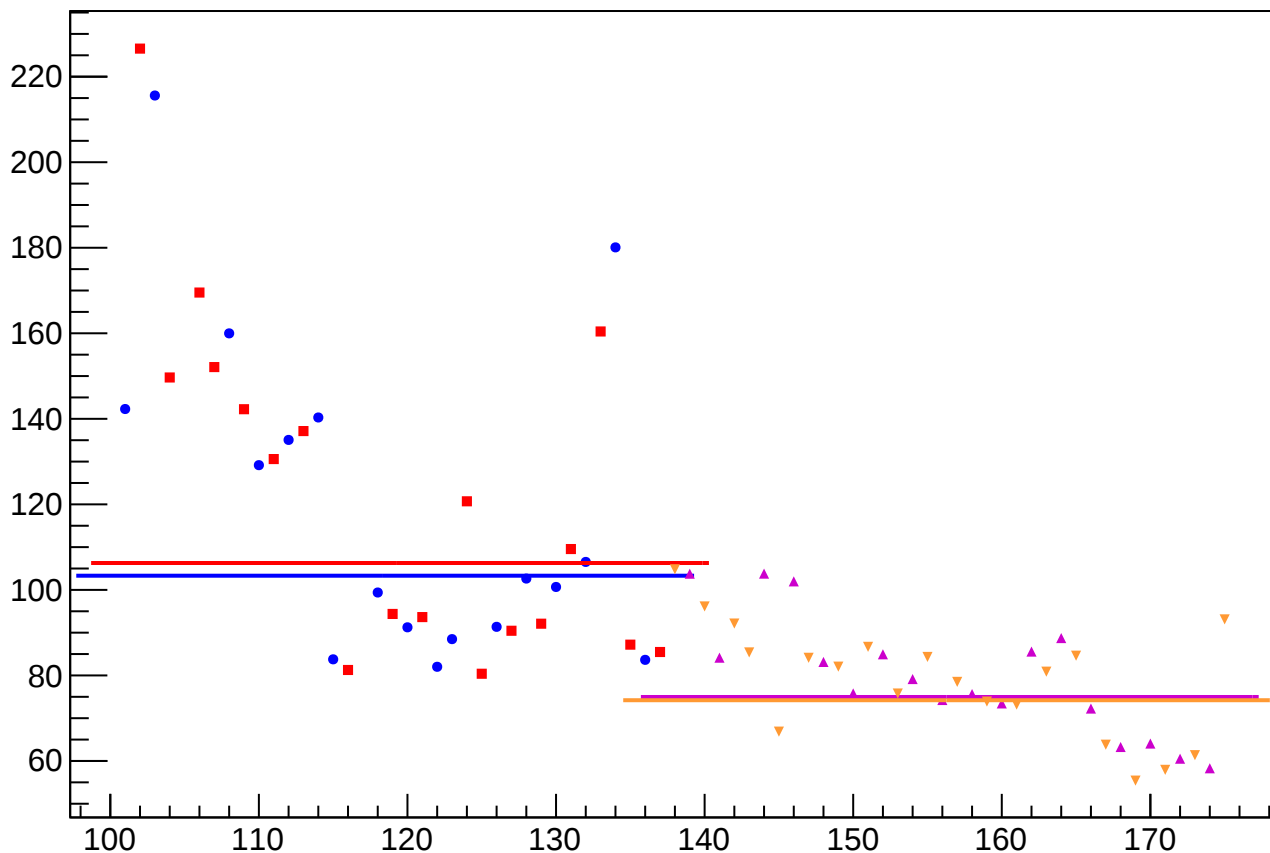
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 63.909 $\pm$ 18.338 χ^2 /NDF:33.1/34

Out: 52.321 $\pm$ 17.709 χ^2 /NDF:47.7/37

All: 57.913 $\pm$ 12.739 χ^2 /NDF: 81.0/72

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: 74.204 $\pm$ 0.014 χ^2 /NDF: 876026.7/19

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 74.959 $\pm$ 0.014 χ^2 /NDF: 775325.2/17

Left: 74.564 $\pm$ 0.010 χ^2 /NDF: 1652781.4/37

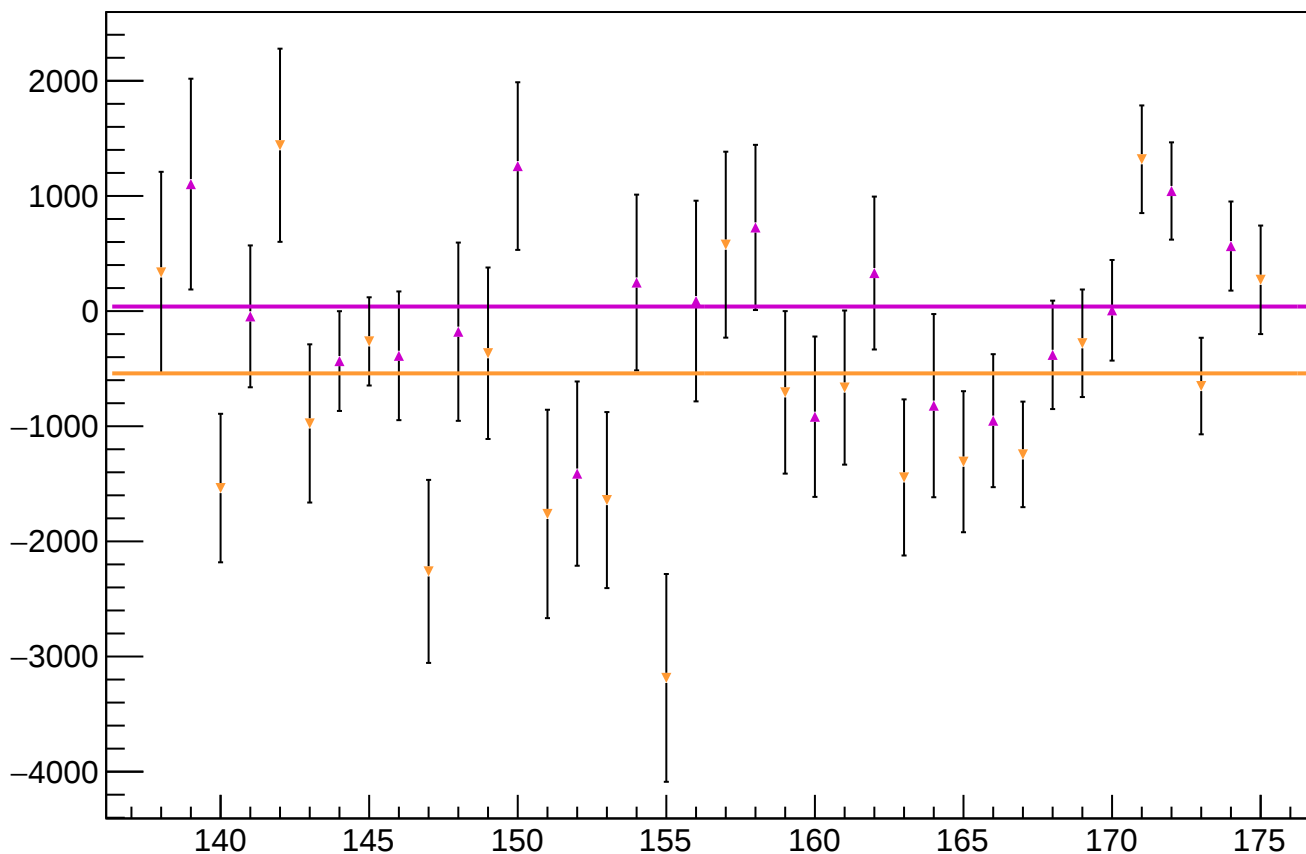
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 80.481 $\pm$ 0.013 χ^2 /NDF: 2363110.6/34

Out: 79.828 $\pm$ 0.013 χ^2 /NDF: 2825841.6/37

All: 80.143 $\pm$ 0.009 χ^2 /NDF: 5190265.6/72

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -540.886+/-133.223 χ^2/NDF :54.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.574+/-136.853 χ^2/NDF :24.8/17

Left: -258.456+/-95.460 χ^2/NDF : 88.0/37

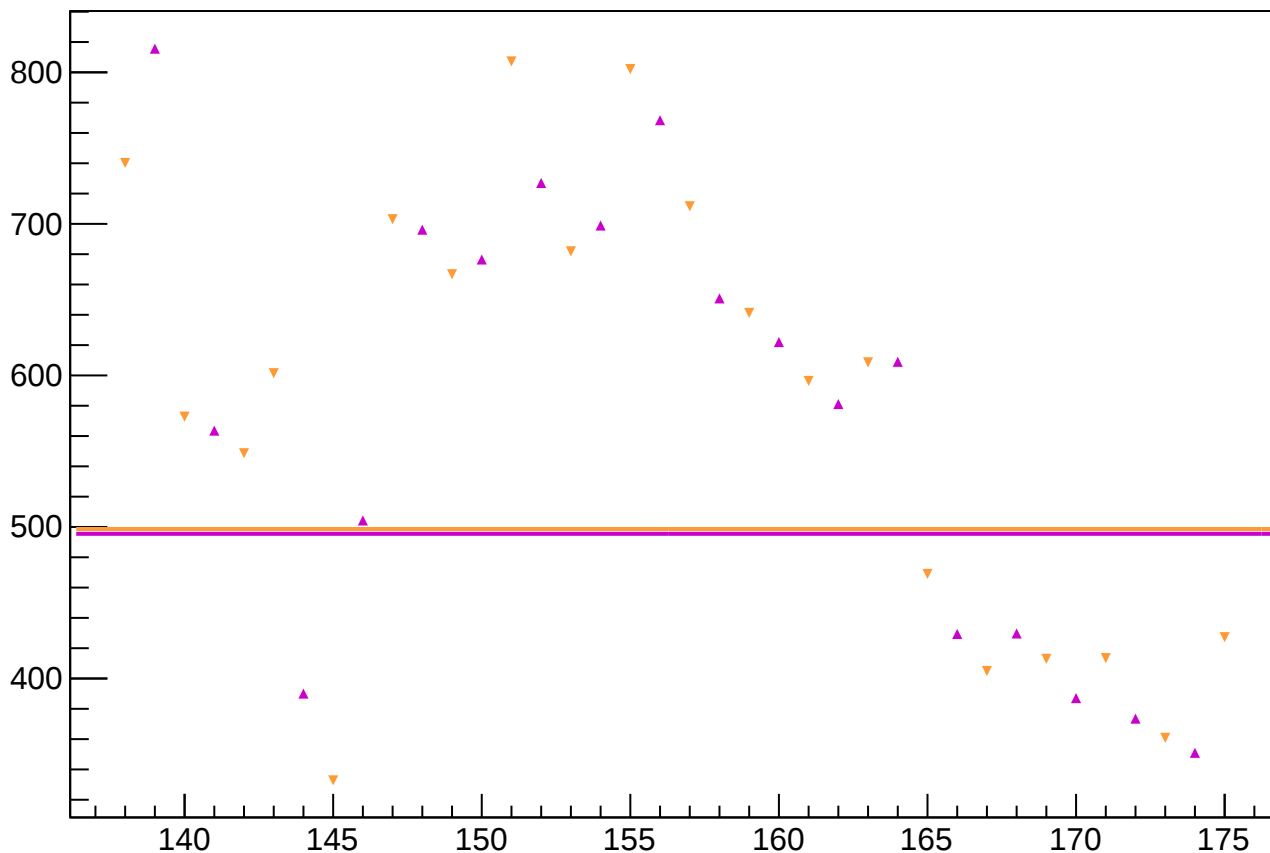
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.574+/-136.853 χ^2/NDF :24.8/17

Out: -540.886+/-133.223 χ^2/NDF :54.0/19

All: -258.456+/-95.460 χ^2/NDF : 88.0/37

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Left: 497.115+/-0.068 χ^2/NDF : 4234199.6/37

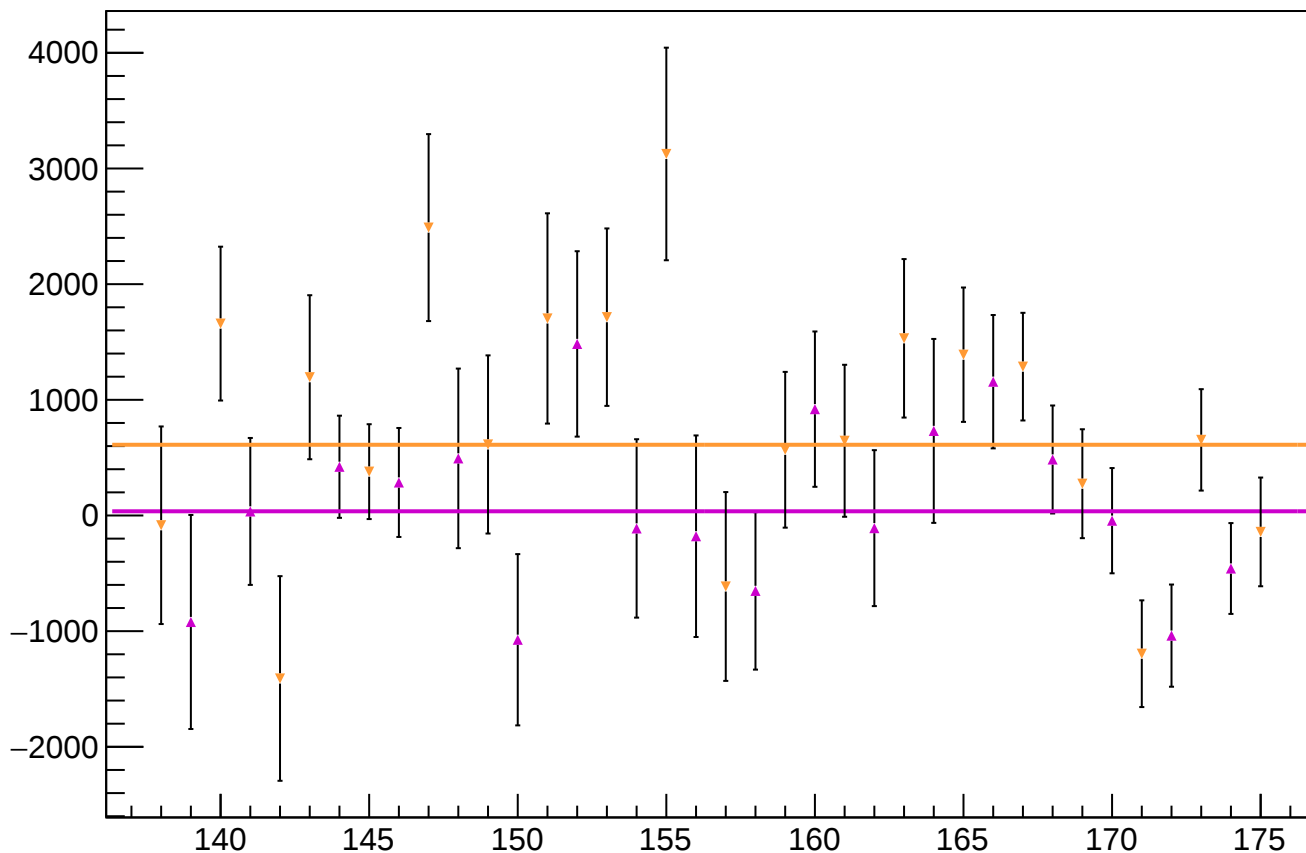
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Out: 498.658+/-0.094 χ^2/NDF :2213961.6/19

All: 497.115+/-0.068 χ^2/NDF : 4234199.6/37

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 611.445+/-135.045 χ^2/NDF : 52.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36.327+/-136.697 χ^2/NDF : 23.9/17

Left: 327.383+/-96.070 χ^2/NDF : 85.0/37

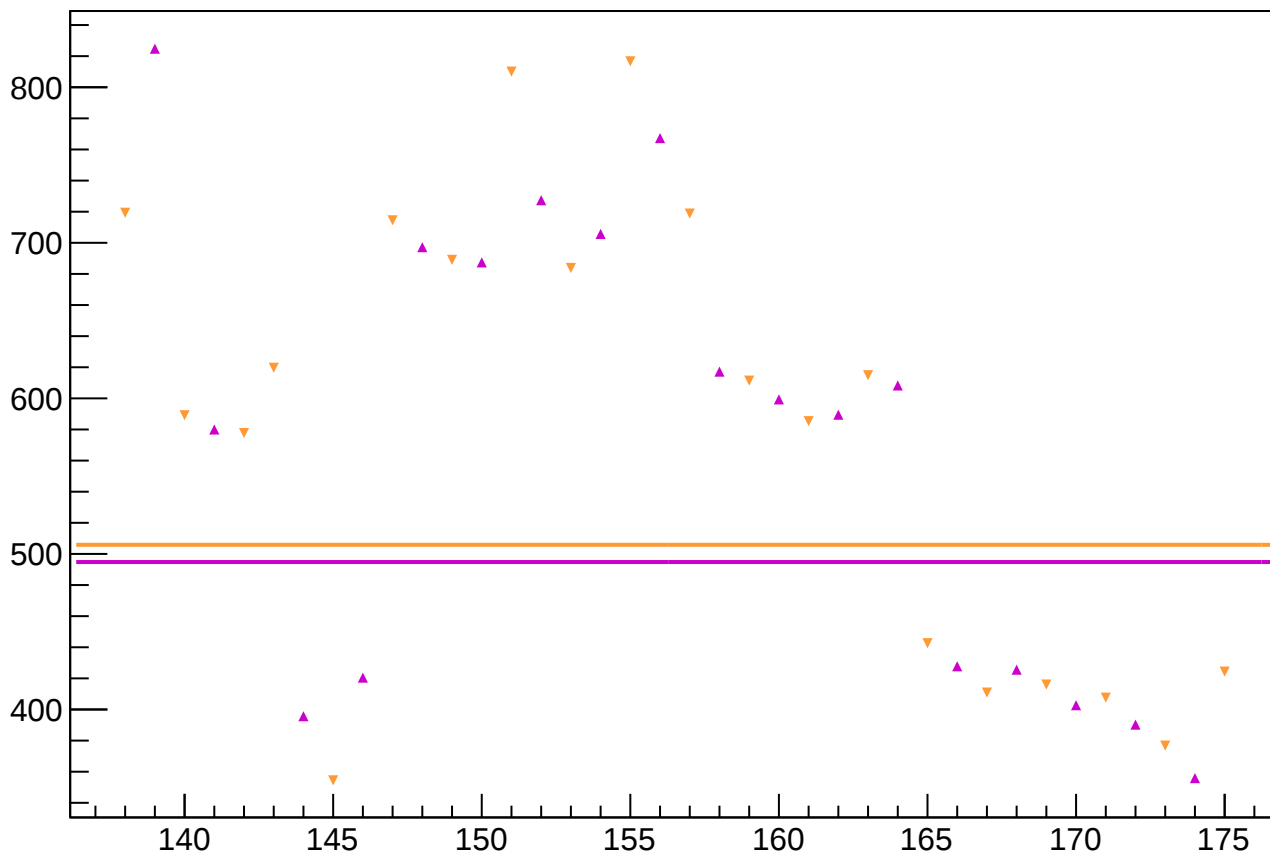
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.327+/-136.697 χ^2/NDF : 23.9/17

Out: 611.445+/-135.045 χ^2/NDF : 52.1/19

All: 327.383+/-96.070 χ^2/NDF : 85.0/37

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Left: 500.398+/-0.068 χ^2/NDF : 4010925.4/37

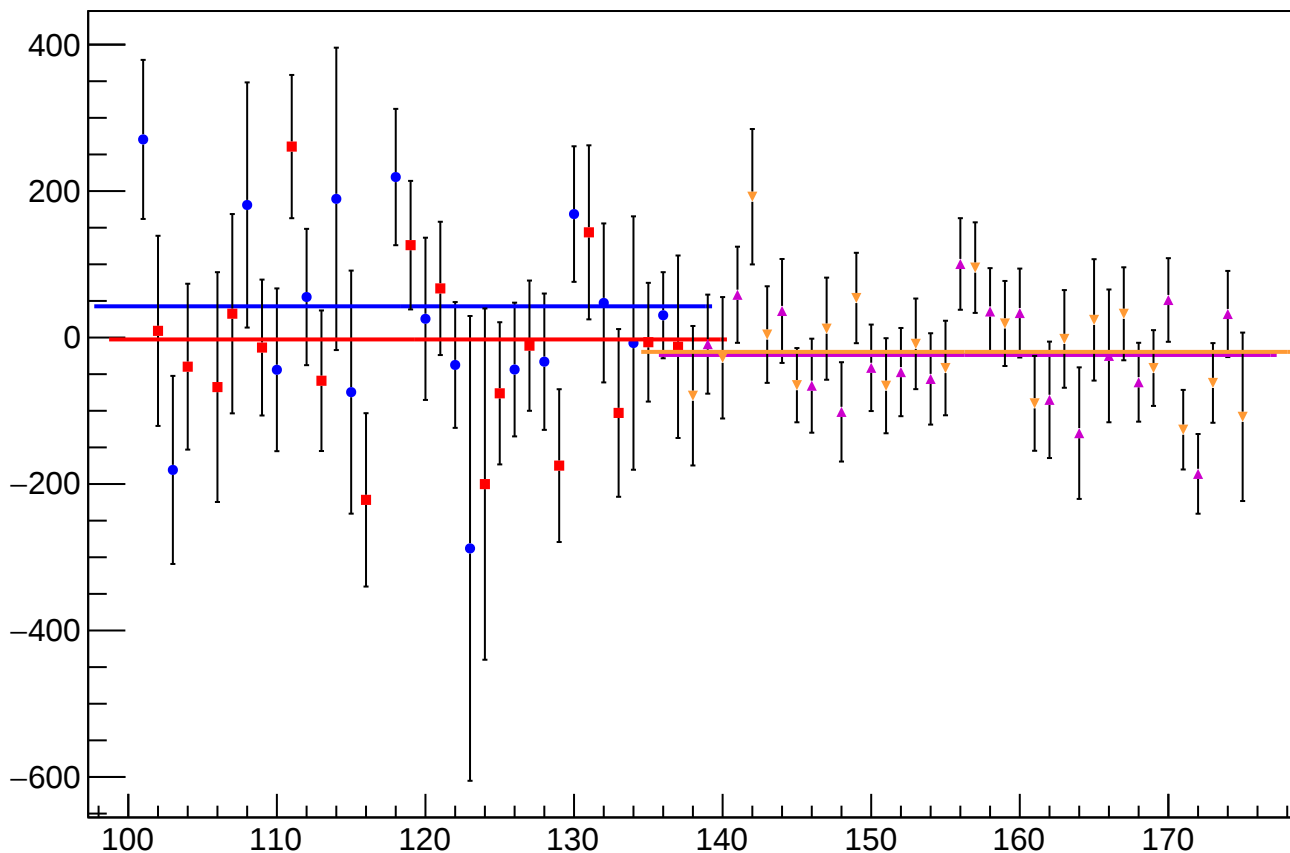
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Out: 505.868+/-0.095 χ^2/NDF :2069884.9/19

All: 500.398+/-0.068 χ^2/NDF : 4010925.4/37

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: -19.564 $\pm$ 14.525 χ^2 /NDF:20.2/19

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -23.773 $\pm$ 15.034 χ^2 /NDF:24.5/17

Left: -21.596 $\pm$ 10.446 χ^2 /NDF: 44.7/37

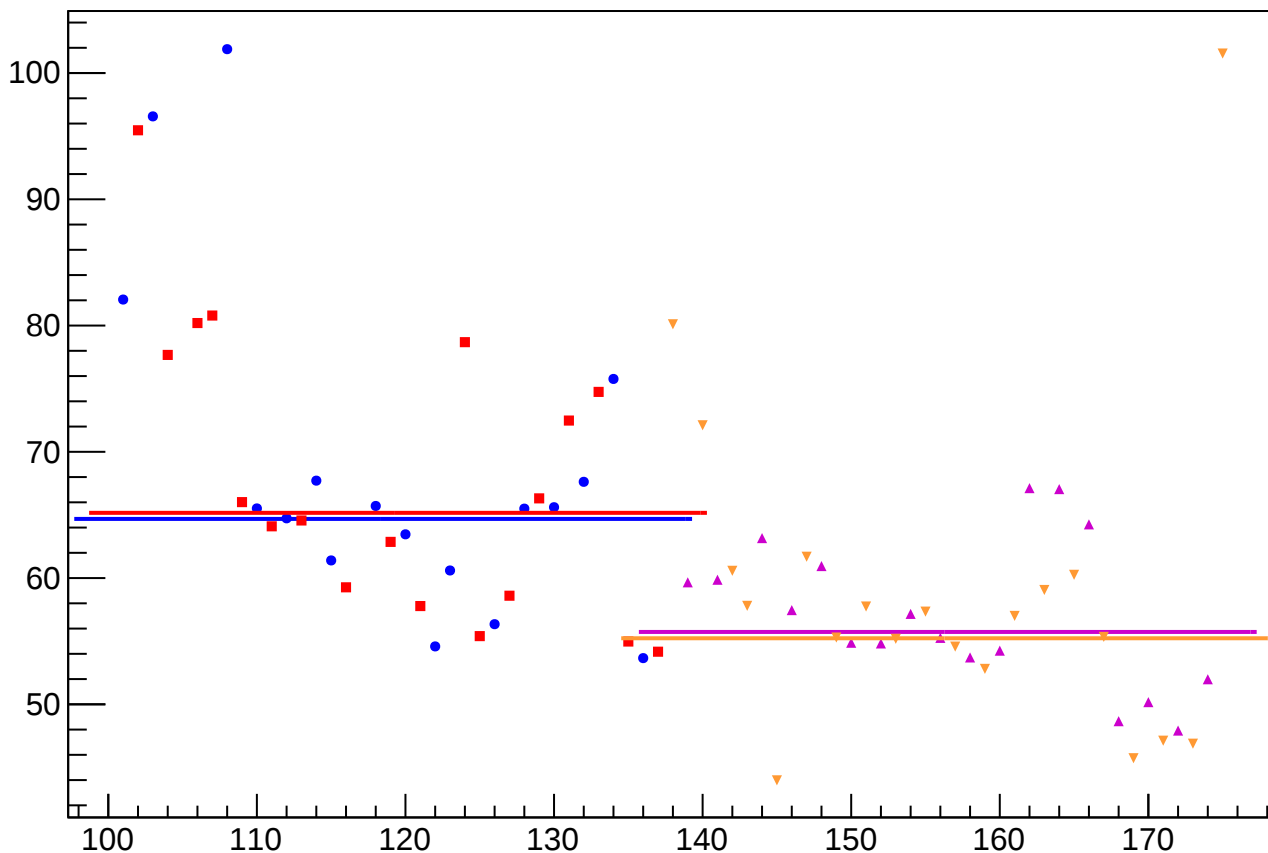
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: -6.625 $\pm$ 12.949 χ^2 /NDF:48.3/34

Out: -15.299 $\pm$ 12.570 χ^2 /NDF:40.9/37

All: -11.091 $\pm$ 9.019 χ^2 /NDF: 89.5/72

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 55.232 $\pm$ 0.010 χ^2 /NDF: 852509.9/19

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 55.733 $\pm$ 0.011 χ^2 /NDF: 248740.4/17

Left: 55.474 $\pm$ 0.007 χ^2 /NDF: 1102398.5/37

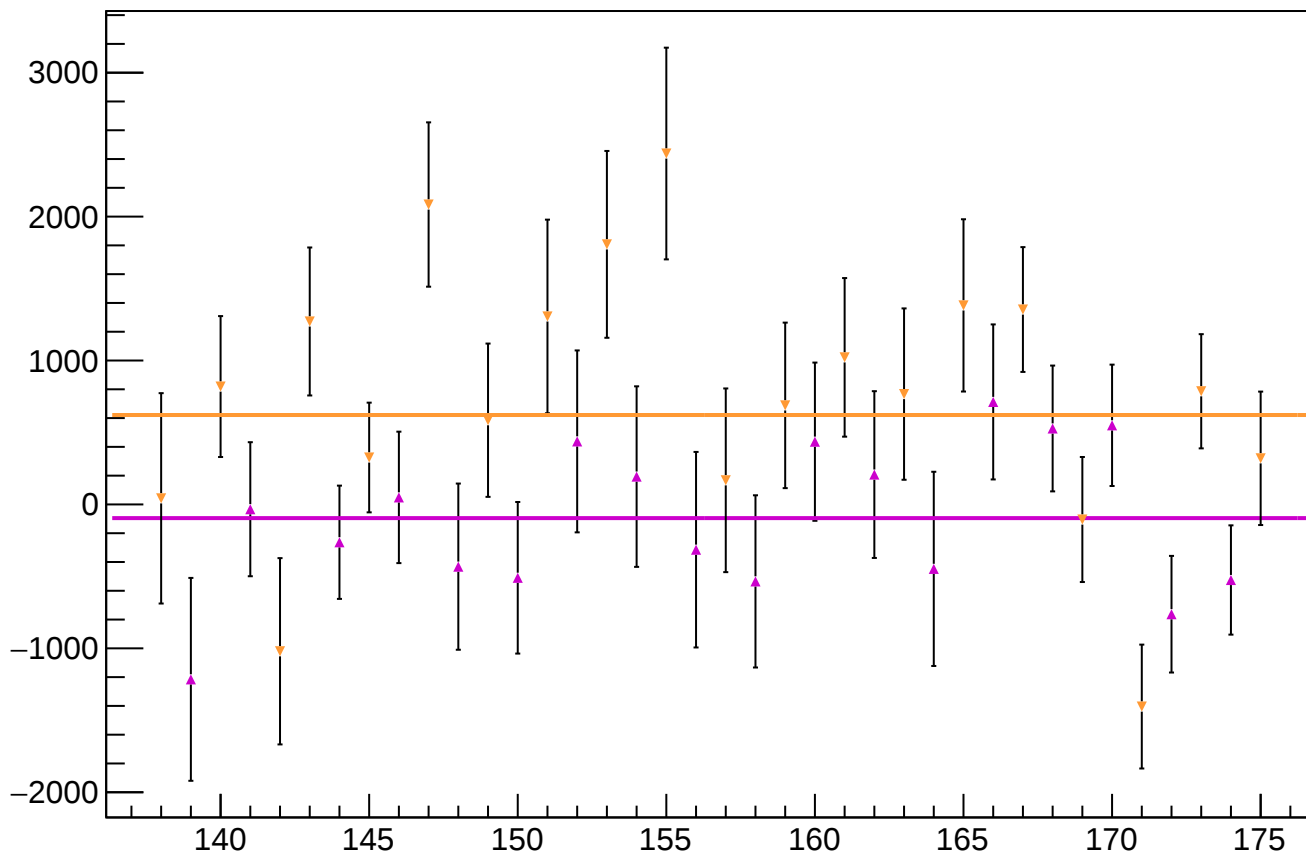
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 58.044 $\pm$ 0.009 χ^2 /NDF: 832008.0/34

Out: 57.726 $\pm$ 0.009 χ^2 /NDF: 1392000.9/37

All: 57.880 $\pm$ 0.006 χ^2 /NDF: 2224628.8/72

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 621.340 ± 116.621 $\chi^2/\text{NDF}: 57.6/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -95.106 ± 119.267 $\chi^2/\text{NDF}: 17.4/17$

Left: 271.155 ± 83.383 $\chi^2/\text{NDF}: 93.5/37$

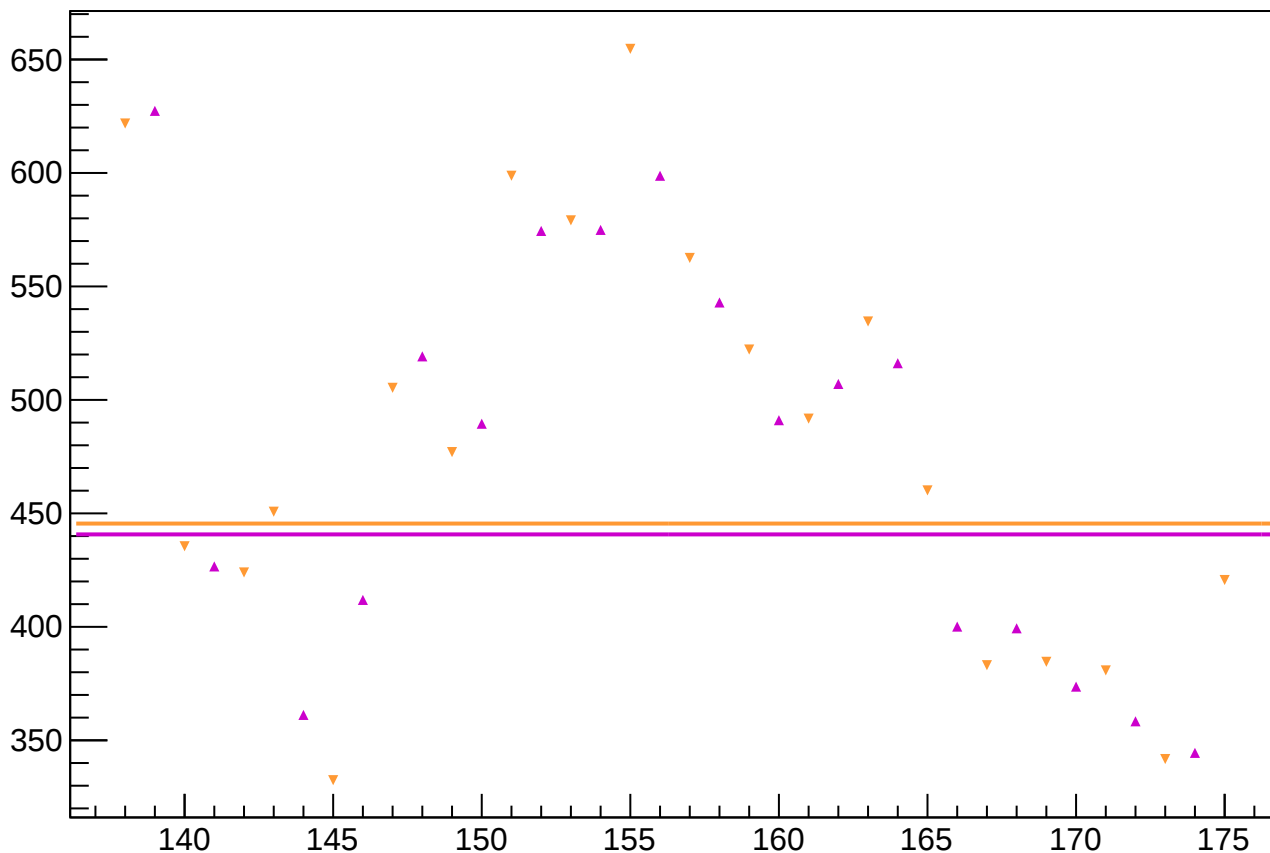
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -95.106 ± 119.267 $\chi^2/\text{NDF}: 17.4/17$

Out: 621.340 ± 116.621 $\chi^2/\text{NDF}: 57.6/19$

All: 271.155 ± 83.383 $\chi^2/\text{NDF}: 93.5/37$

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: 445.511+/-0.082 χ^2/NDF :1106243.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Left: 443.177+/-0.059 χ^2/NDF : 2100262.1/37

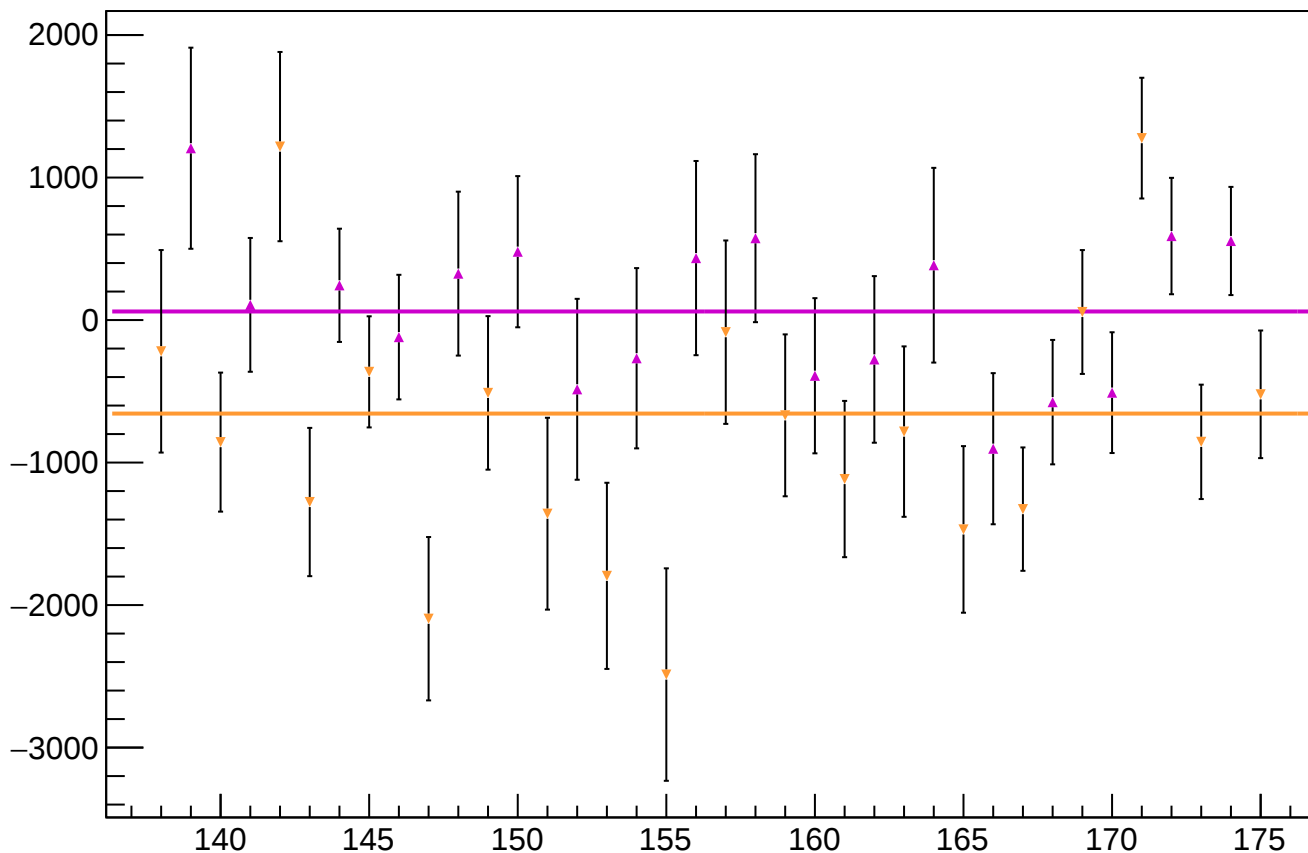
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Out: 445.511+/-0.082 χ^2/NDF :1106243.0/19

All: 443.177+/-0.059 χ^2/NDF : 2100262.1/37

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -656.247+/-116.622 χ^2/NDF :56.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.206+/-119.137 χ^2/NDF :17.8/17

Left: -305.664+/-83.339 χ^2/NDF : 93.0/37

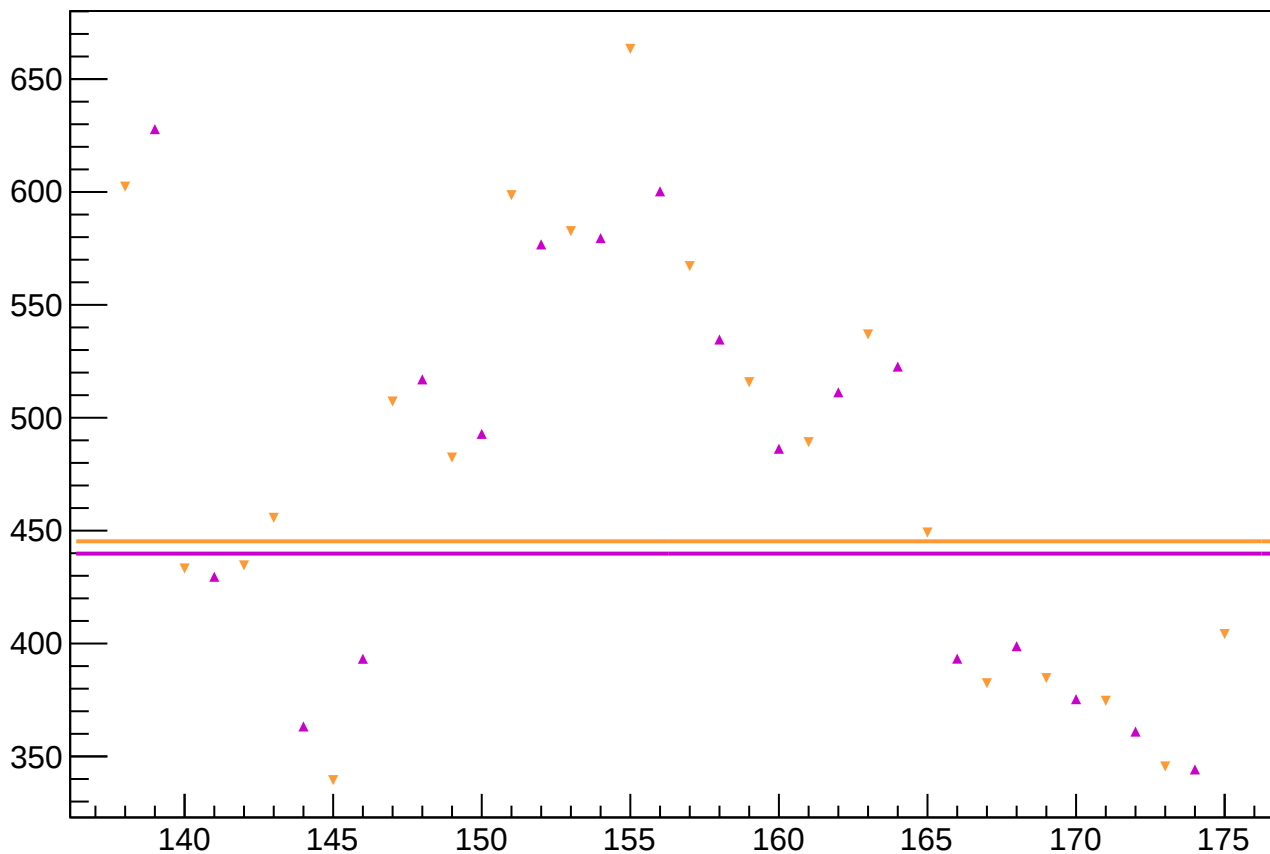
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.206+/-119.137 χ^2/NDF :17.8/17

Out: -656.247+/-116.622 χ^2/NDF :56.8/19

All: -305.664+/-83.339 χ^2/NDF : 93.0/37

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Left: 442.606+/-0.059 χ^2/NDF : 2089181.3/37

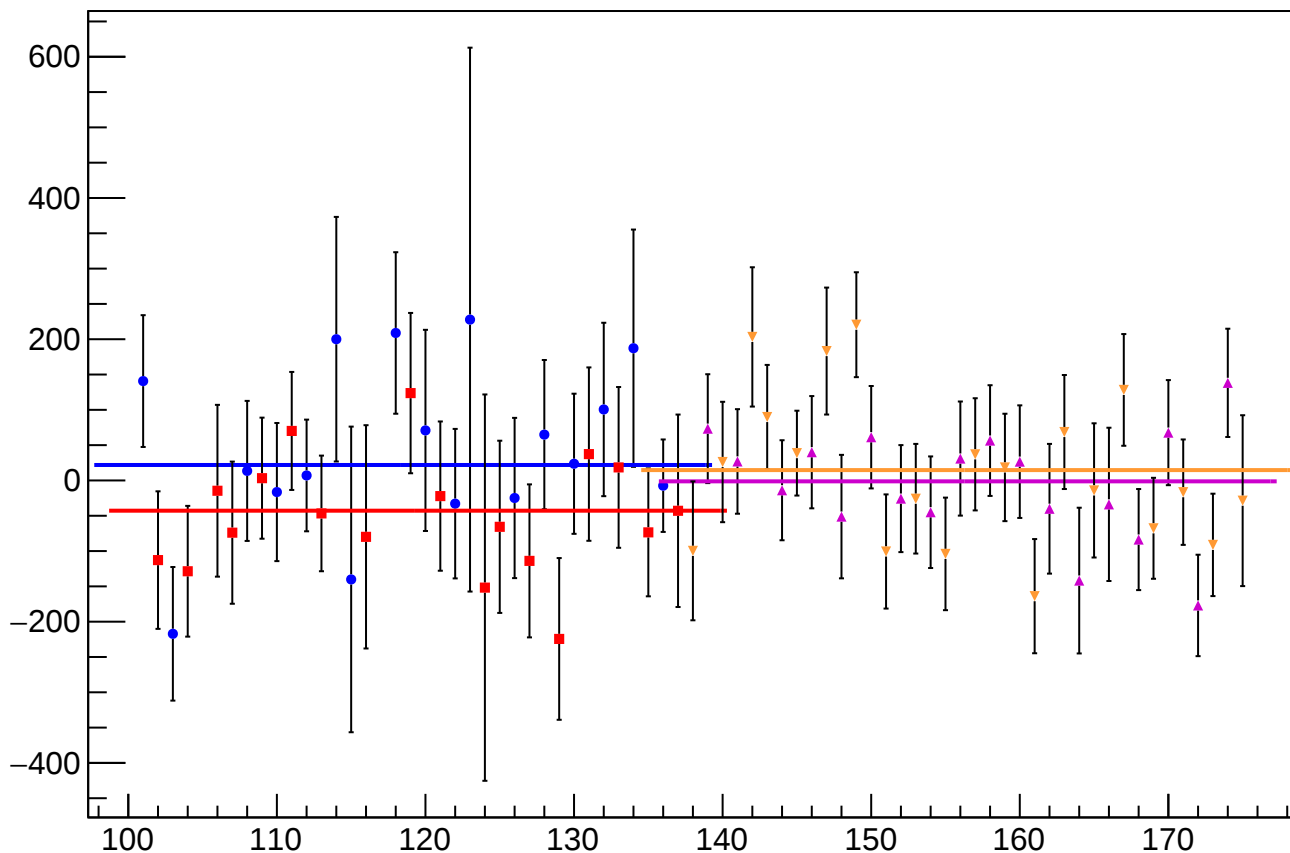
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Out: 445.276+/-0.082 χ^2/NDF :1083149.5/19

All: 442.606+/-0.059 χ^2/NDF : 2089181.3/37

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: 14.669 $\pm$ 17.880 χ^2 /NDF:33.3/19

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: -1.270 $\pm$ 18.653 χ^2 /NDF:17.3/17

Left: 7.037 $\pm$ 12.908 χ^2 /NDF: 50.9/37

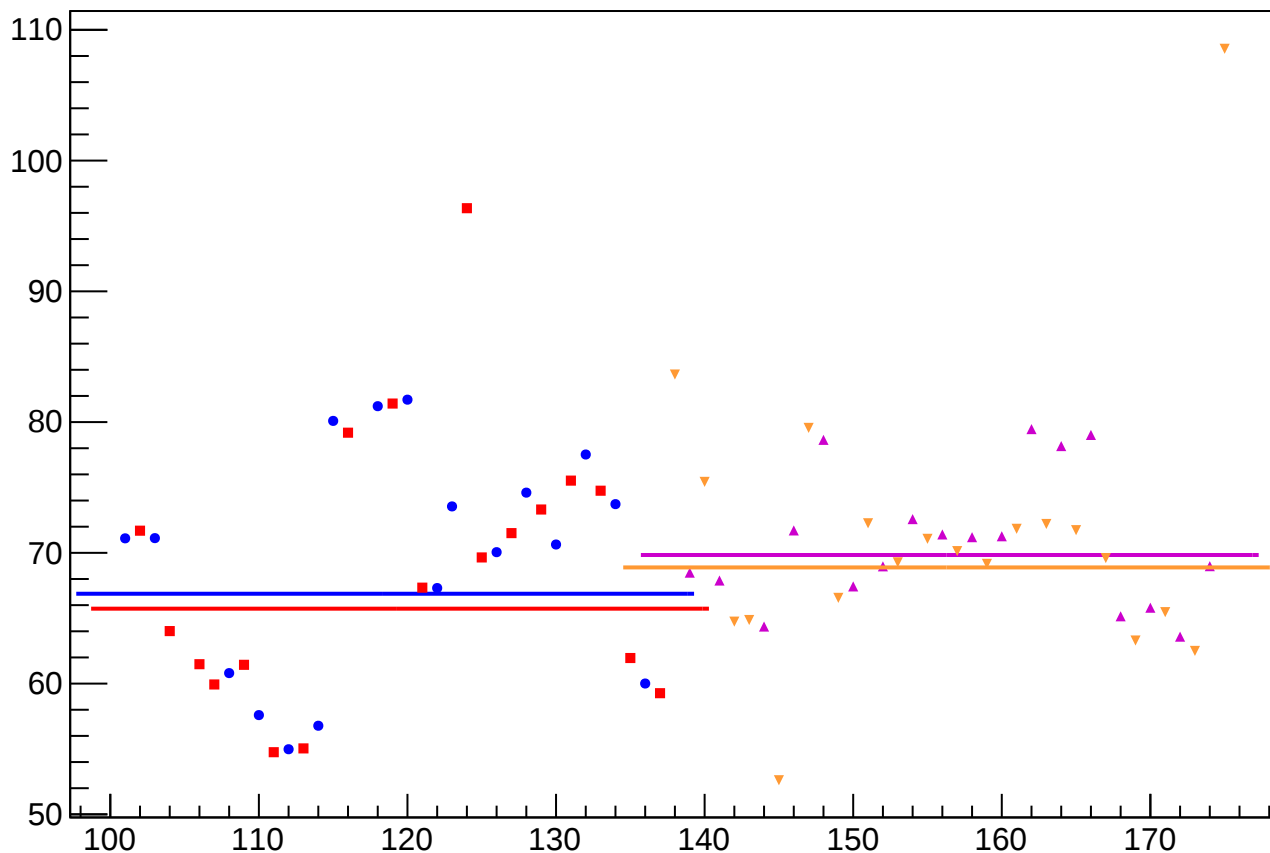
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 6.584 $\pm$ 15.167 χ^2 /NDF:32.9/34

Out: -4.666 $\pm$ 14.566 χ^2 /NDF:46.6/37

All: 0.732 $\pm$ 10.506 χ^2 /NDF: 79.8/72

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 68.885 $\pm$ 0.013 χ^2 /NDF: 503689.2/19

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 69.835 $\pm$ 0.013 χ^2 /NDF: 121375.9/17

Left: 69.340 $\pm$ 0.009 χ^2 /NDF: 627772.6/37

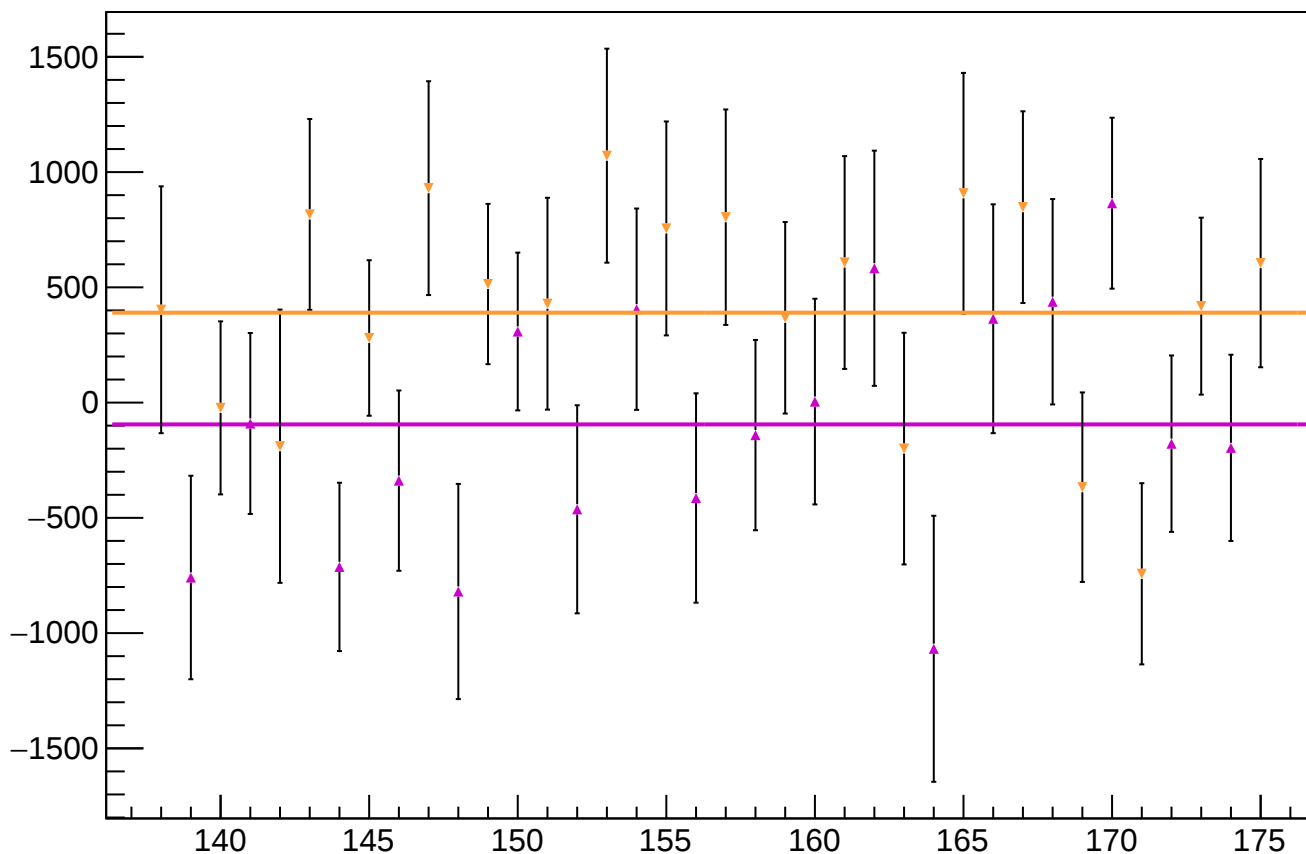
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.831 $\pm$ 0.011 χ^2 /NDF: 340996.2/34

Out: 67.824 $\pm$ 0.010 χ^2 /NDF: 743491.1/37

All: 68.307 $\pm$ 0.007 χ^2 /NDF: 1089077.3/72

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: 390.109+/-96.427 χ^2/NDF :24.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -94.622+/-99.583 χ^2/NDF :25.5/17

Left: 155.545+/-69.273 χ^2/NDF : 61.9/37

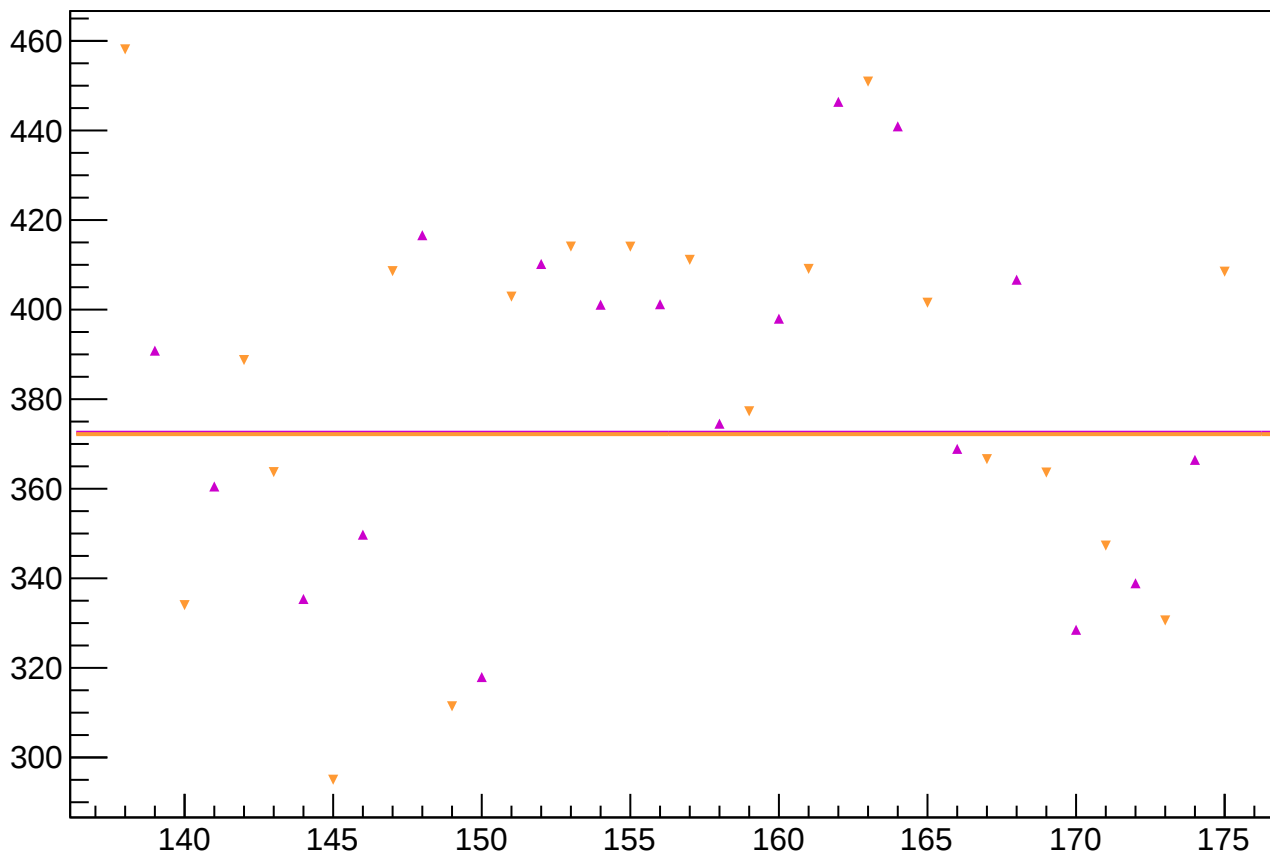
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.622+/-99.583 χ^2/NDF :25.5/17

Out: 390.109+/-96.427 χ^2/NDF :24.1/19

All: 155.545+/-69.273 χ^2/NDF : 61.9/37

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: 372.193+/-0.068 χ^2/NDF : 422114.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Left: 372.346+/-0.049 χ^2/NDF : 686584.9/37

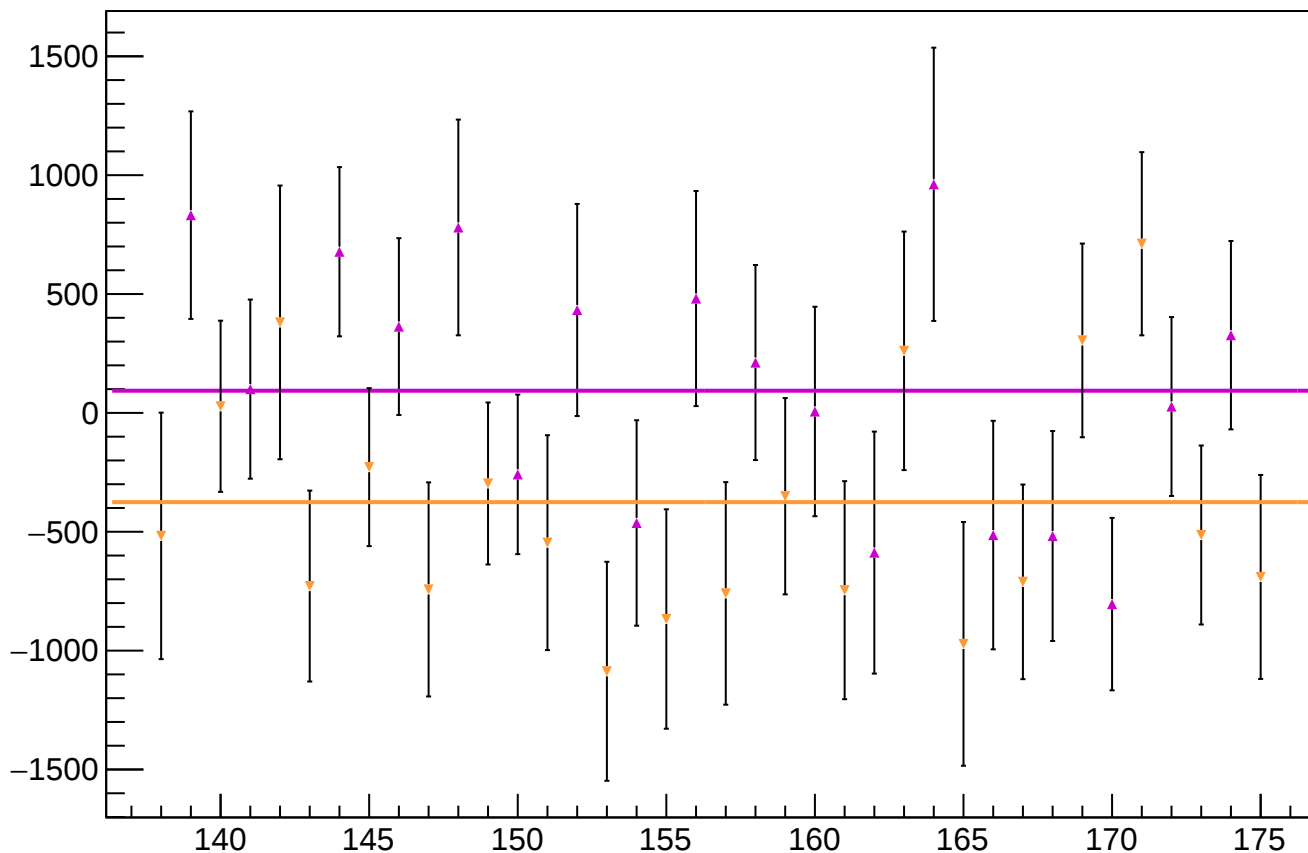
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Out: 372.193+/-0.068 χ^2/NDF : 422114.6/19

All: 372.346+/-0.049 χ^2/NDF : 686584.9/37

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -375.350+/-94.603 χ^2/NDF :24.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.376+/-97.645 χ^2/NDF :26.7/17

Left: -148.401+/-67.944 χ^2/NDF : 63.3/37

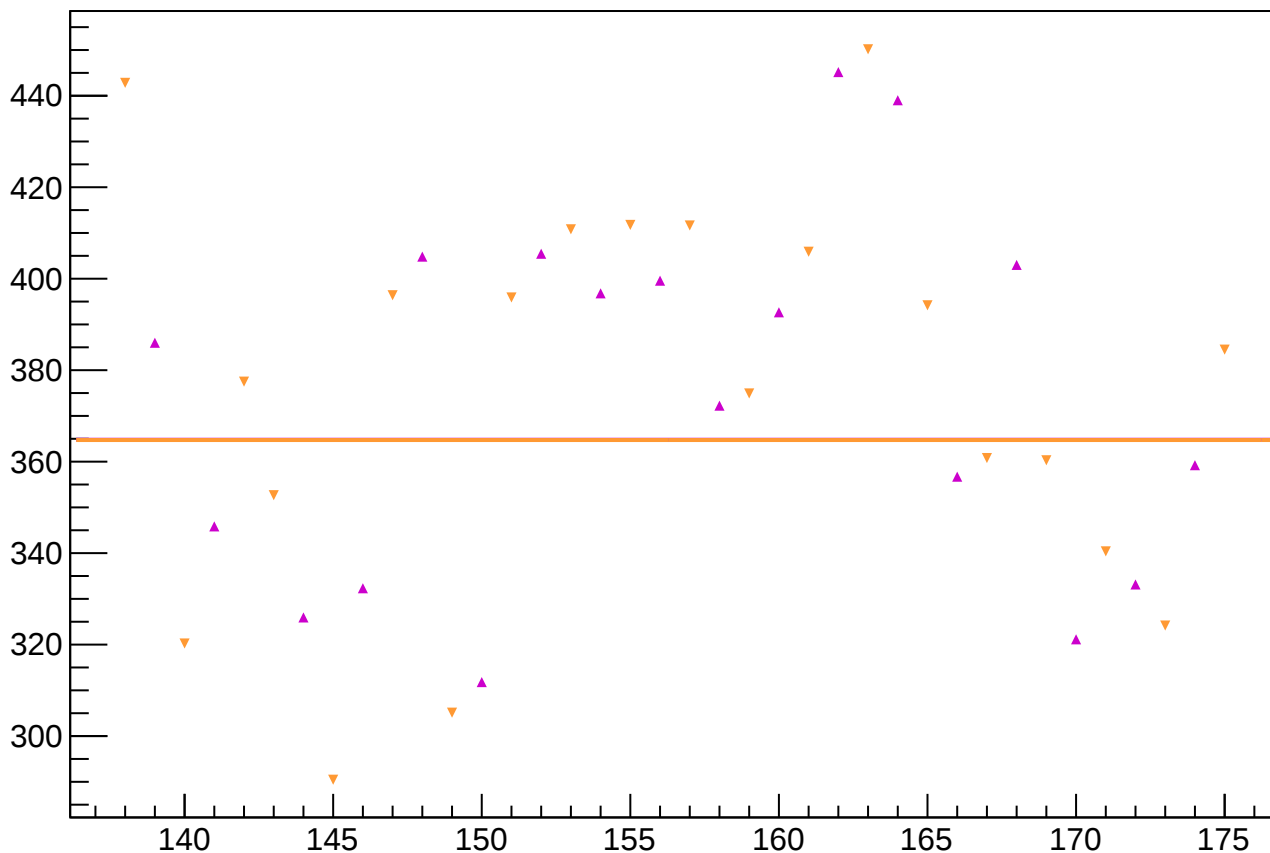
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.376+/-97.645 χ^2/NDF :26.7/17

Out: -375.350+/-94.603 χ^2/NDF :24.8/19

All: -148.401+/-67.944 χ^2/NDF : 63.3/37

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Left: 364.756+/-0.048 χ^2/NDF : 742491.3/37

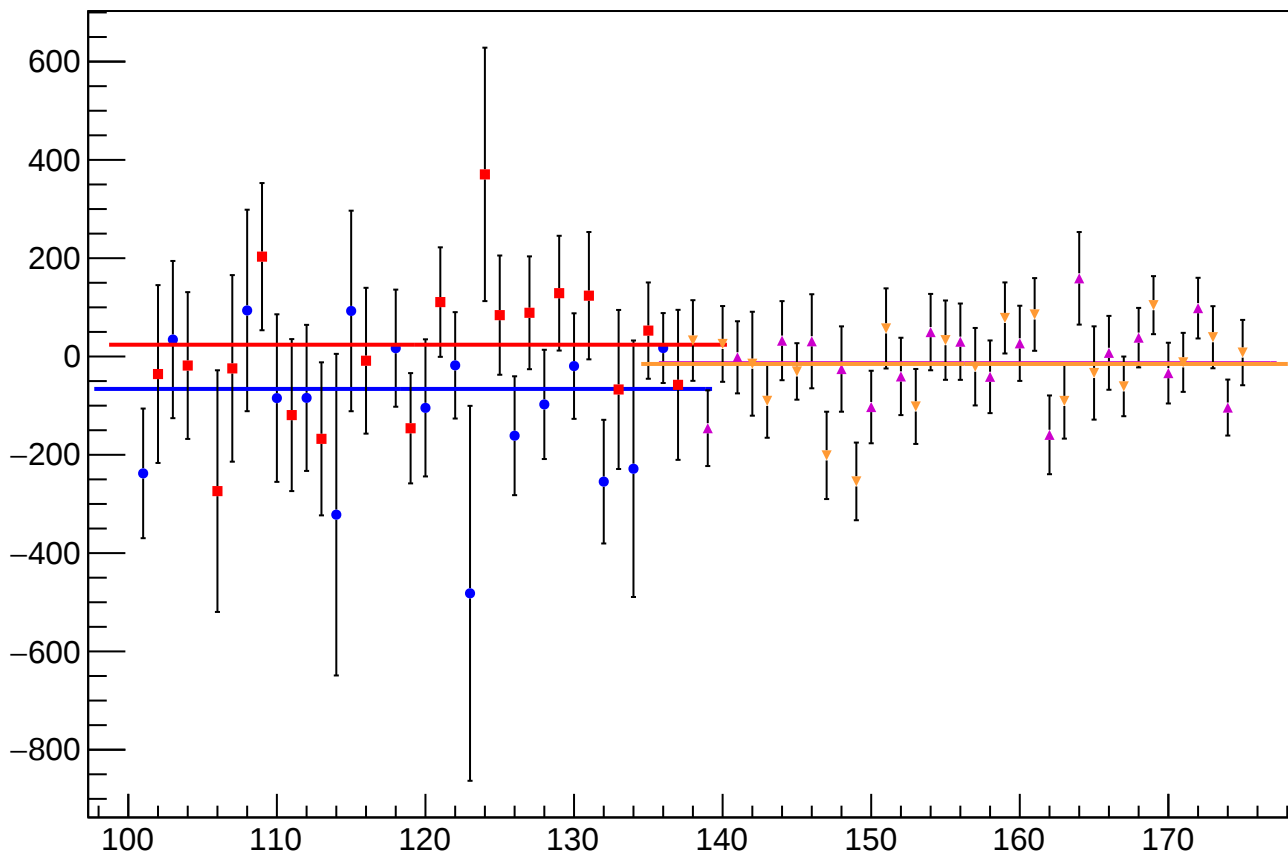
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Out: 364.727+/-0.067 χ^2/NDF : 437870.5/19

All: 364.756+/-0.048 χ^2/NDF : 742491.3/37

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: -15.170 ± 16.268 χ^2/NDF : 27.7/19

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -13.577 ± 17.320 χ^2/NDF : 19.9/17

Left: -14.423 ± 11.858 χ^2/NDF : 47.6/37

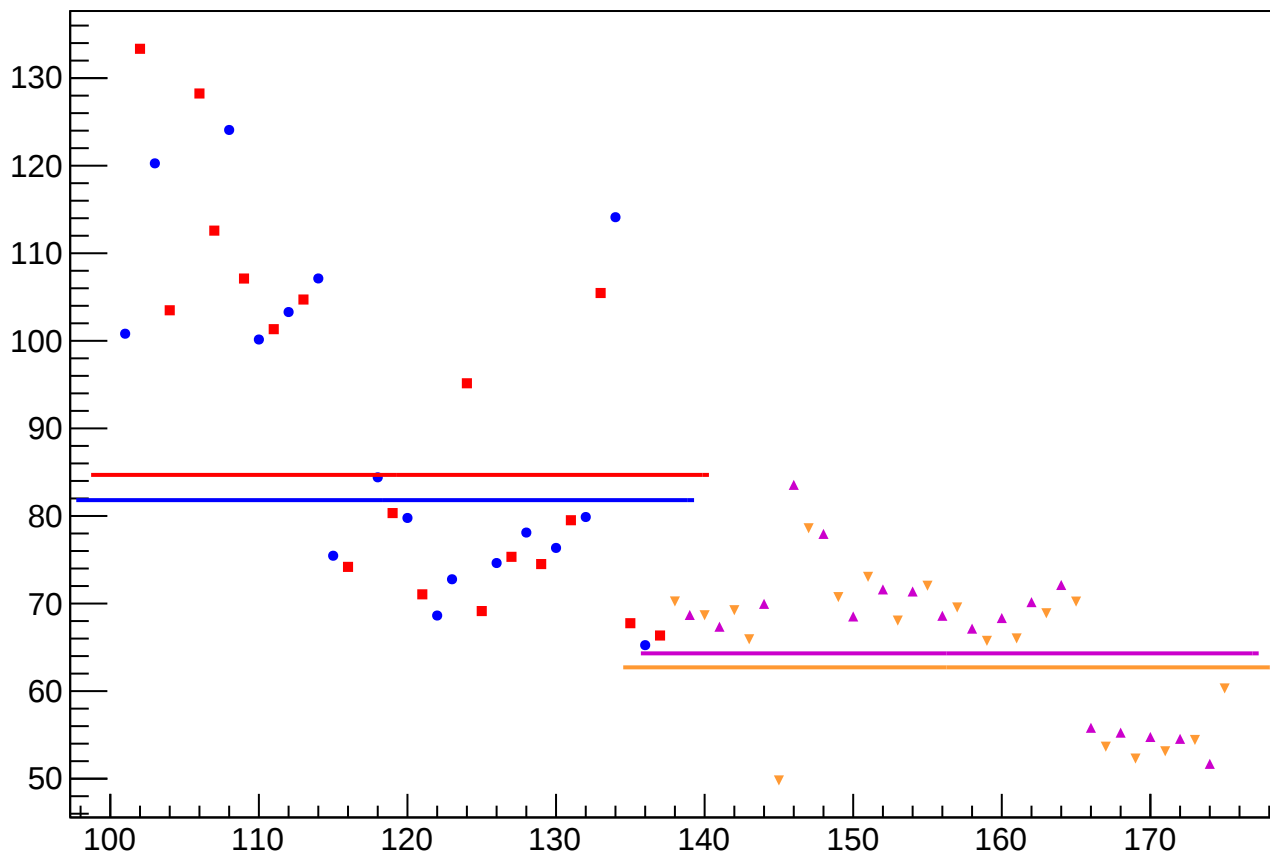
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -25.285 ± 15.263 χ^2/NDF : 32.7/34

Out: -7.437 ± 14.573 χ^2/NDF : 41.8/37

All: -15.948 ± 10.540 χ^2/NDF : 75.3/72

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 62.714 $\pm$ 0.012 χ^2/NDF : 537132.5/19

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 64.311 $\pm$ 0.012 χ^2/NDF : 495653.4/17

Left: 63.462 $\pm$ 0.008 χ^2/NDF : 1041818.1/37

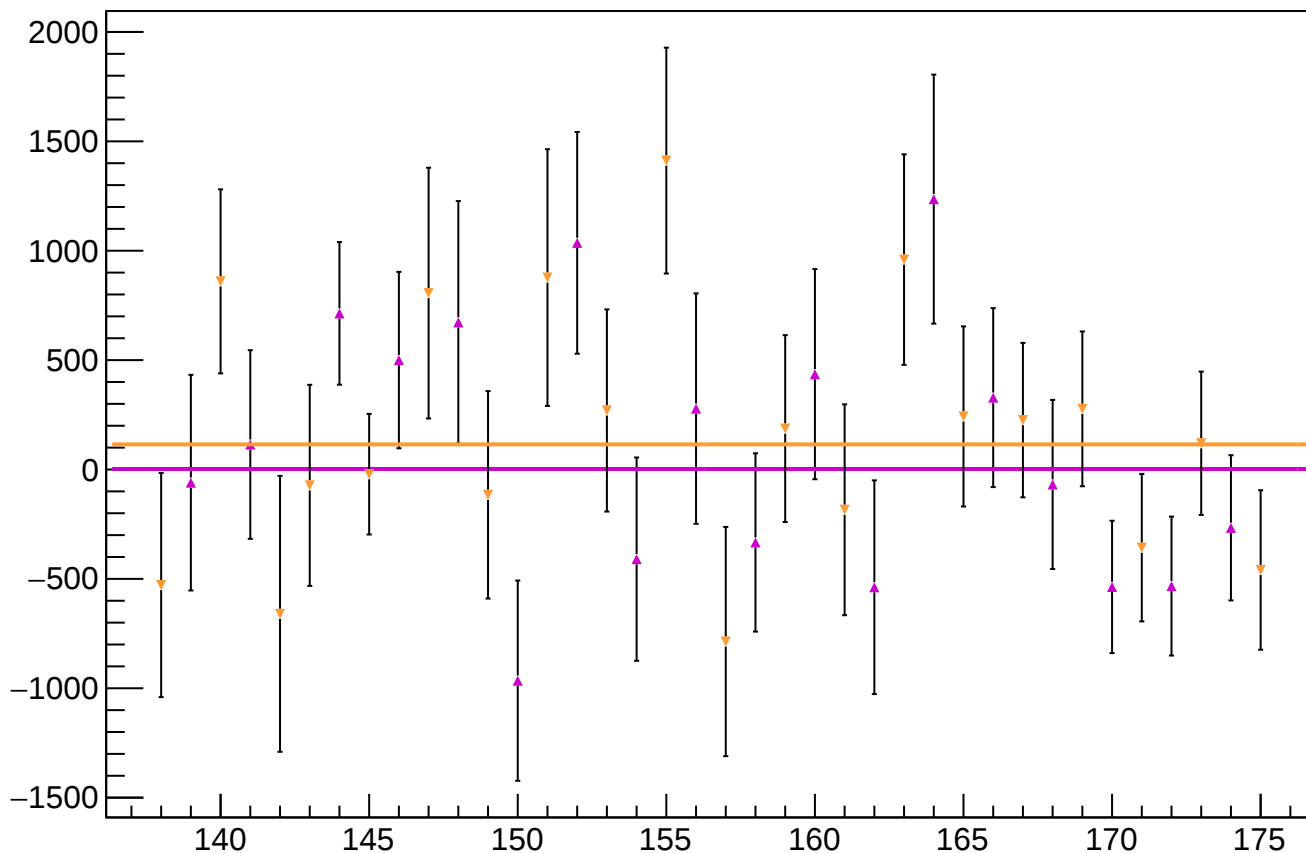
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 68.221 $\pm$ 0.011 χ^2/NDF : 1458953.1/34

Out: 67.055 $\pm$ 0.010 χ^2/NDF : 1874032.6/37

All: 67.611 $\pm$ 0.007 χ^2/NDF : 3339087.5/72

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: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 2.405 $\pm$ 97.383 χ^2 /NDF:32.3/17

Left: 60.810 $\pm$ 67.499 χ^2 /NDF: 60.7/37

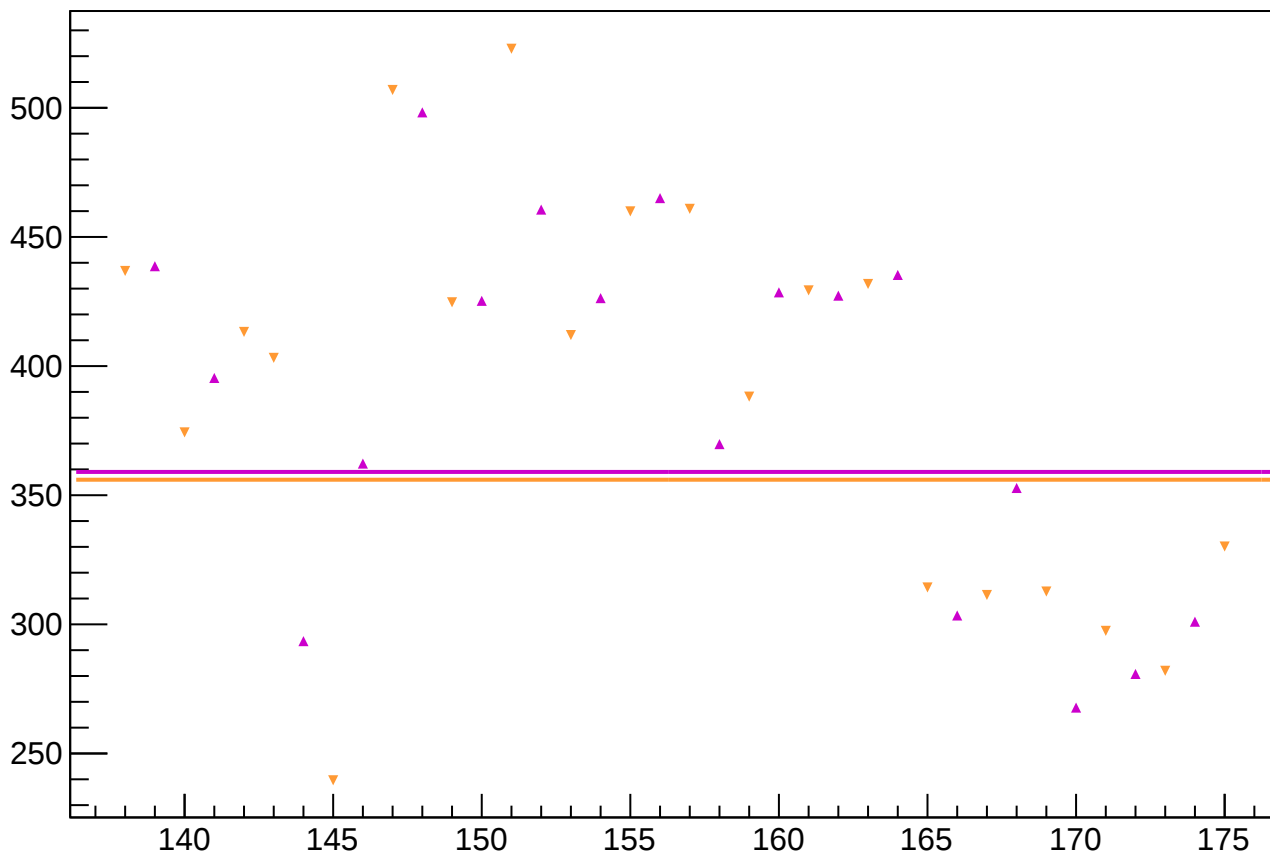
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 2.405 $\pm$ 97.383 χ^2 /NDF:32.3/17

Out: 114.817 $\pm$ 93.643 χ^2 /NDF:27.7/19

All: 60.810 $\pm$ 67.499 χ^2 /NDF: 60.7/37

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 356.000+/-0.066 χ^2/NDF :1343031.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Left: 357.450+/-0.048 χ^2/NDF : 2382973.9/37

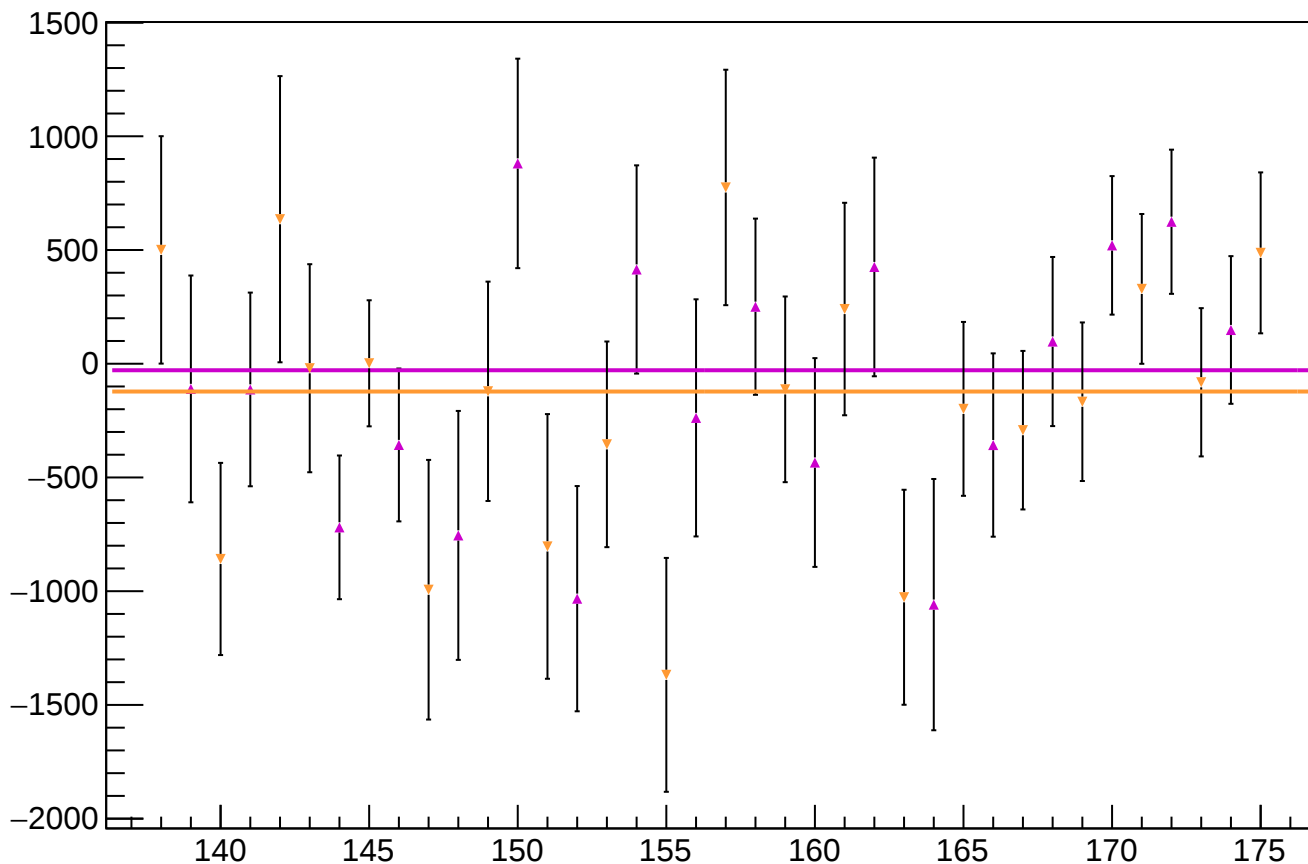
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Out: 356.000+/-0.066 χ^2/NDF :1343031.5/19

All: 357.450+/-0.048 χ^2/NDF : 2382973.9/37

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -122.195 $\pm$ 92.186 χ^2 /NDF:28.6/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

Left: -76.663 $\pm$ 66.036 χ^2 /NDF: 60.0/37

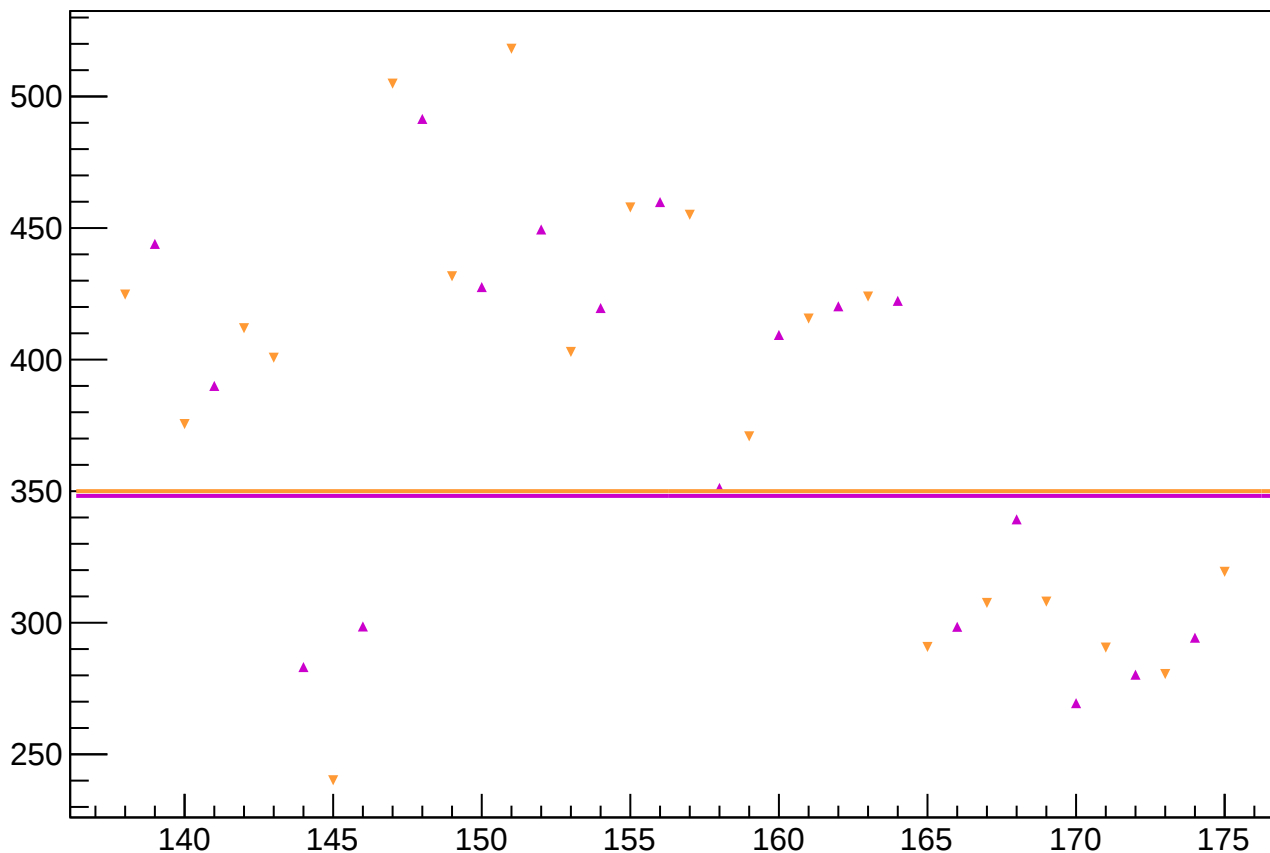
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.675 $\pm$ 94.640 χ^2 /NDF:30.9/17

Out: -122.195 $\pm$ 92.186 χ^2 /NDF:28.6/19

All: -76.663 $\pm$ 66.036 χ^2 /NDF: 60.0/37

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Left: 349.136+/-0.047 χ^2/NDF : 2422810.4/37

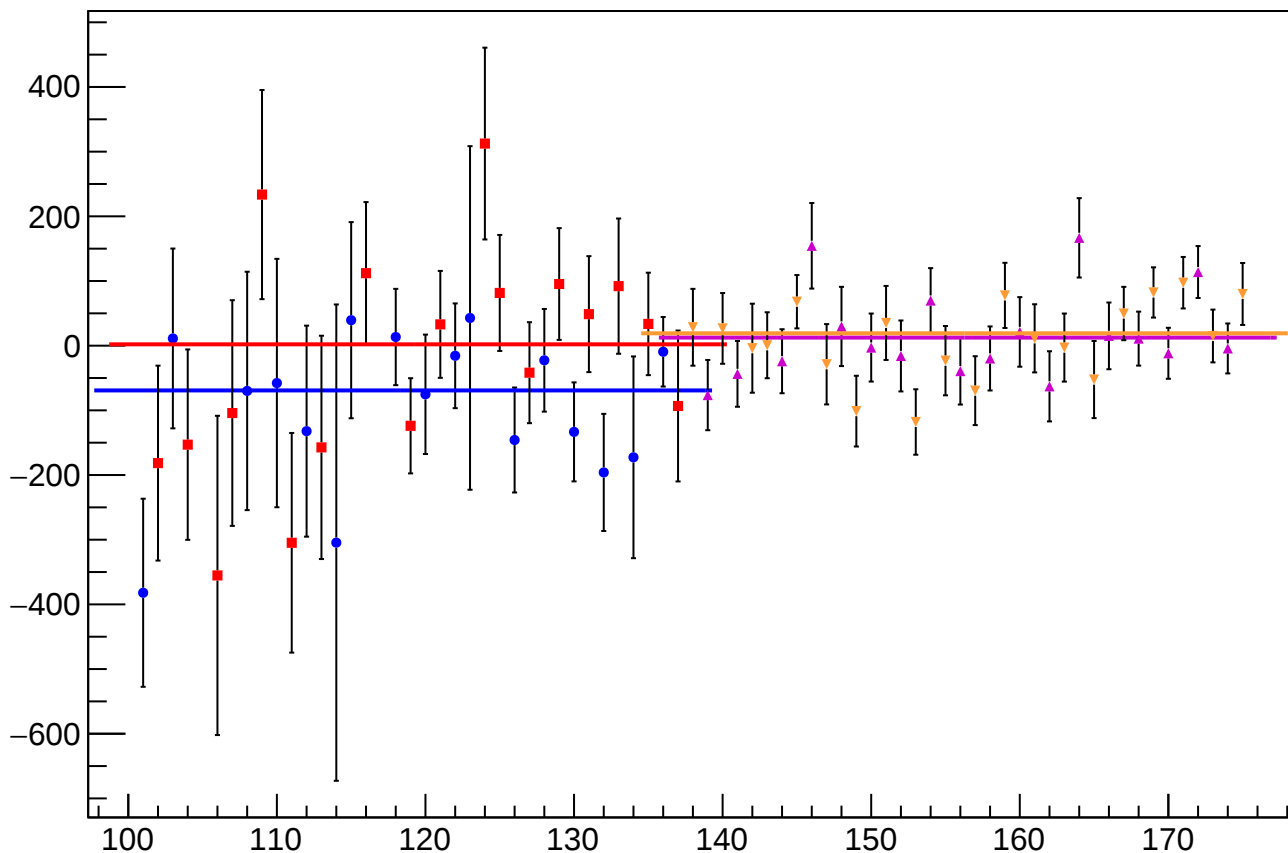
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Out: 350.016+/-0.065 χ^2/NDF :1351264.0/19

All: 349.136+/-0.047 χ^2/NDF : 2422810.4/37

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: 19.133 ± 11.106 $\chi^2/\text{NDF}: 29.6/19$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: 12.500 ± 11.675 $\chi^2/\text{NDF}: 27.4/17$

Left: 15.982 ± 8.047 $\chi^2/\text{NDF}: 57.2/37$

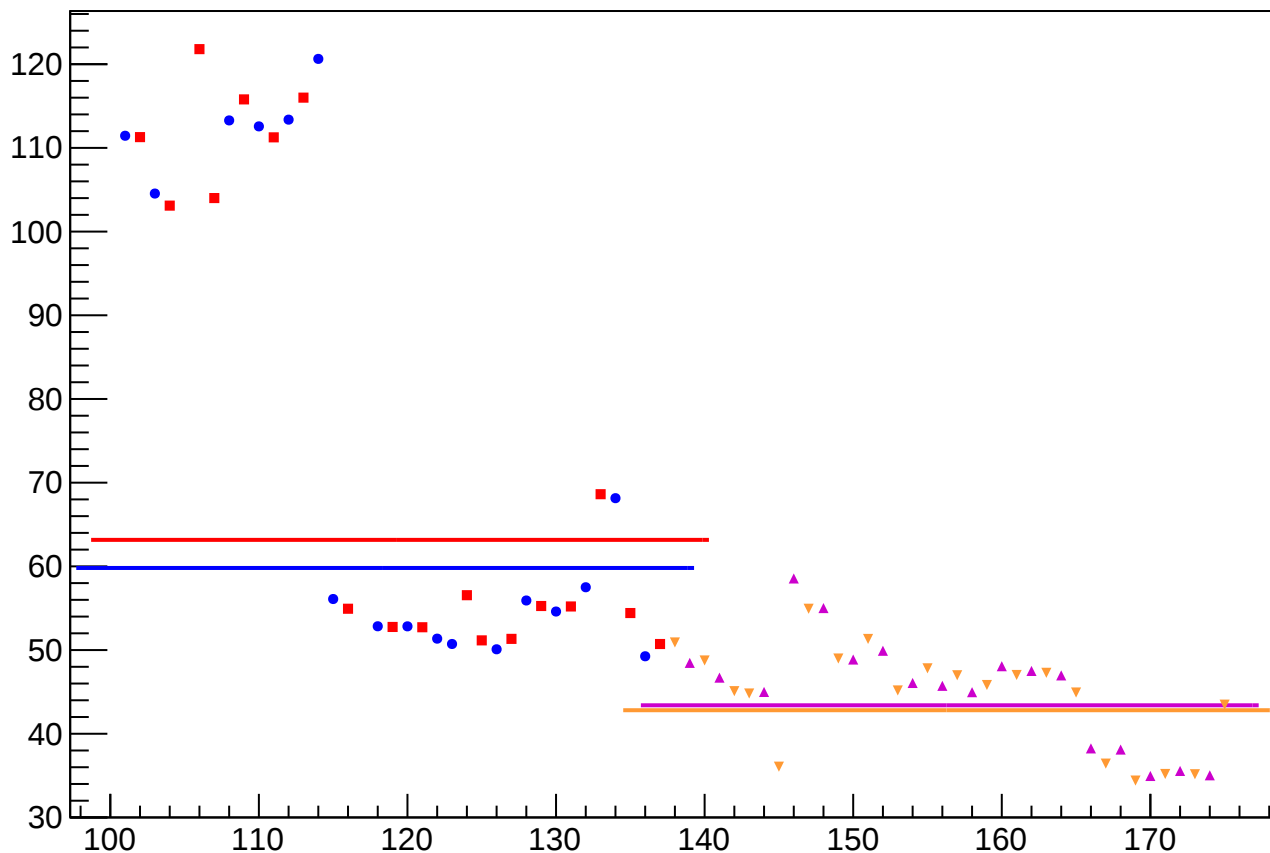
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -2.860 ± 10.520 $\chi^2/\text{NDF}: 50.1/34$

Out: 16.357 ± 10.162 $\chi^2/\text{NDF}: 53.8/37$

All: 7.081 ± 7.309 $\chi^2/\text{NDF}: 105.6/72$

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 42.811+/-0.008 χ^2/NDF : 622009.0/19

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 43.401+/-0.008 χ^2/NDF : 613590.7/17

Left: 43.092+/-0.006 χ^2/NDF : 1238282.2/37

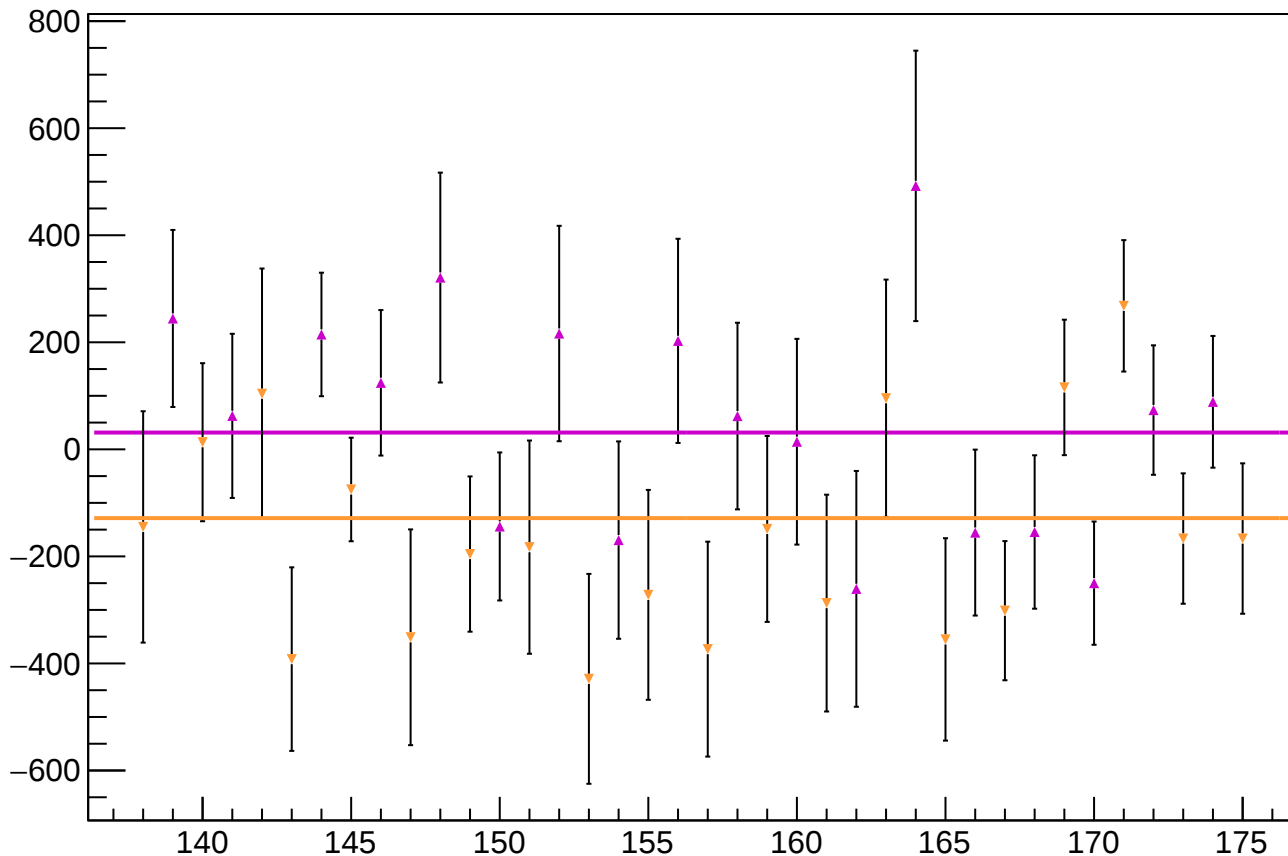
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 46.487+/-0.007 χ^2/NDF : 2586339.0/34

Out: 46.125+/-0.007 χ^2/NDF : 3102829.6/37

All: 46.299+/-0.005 χ^2/NDF : 5690392.3/72

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: -128.491+/-35.083 χ^2/NDF :29.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.379+/-36.164 χ^2/NDF :25.9/17

Left: -50.982+/-25.181 χ^2/NDF : 65.6/37

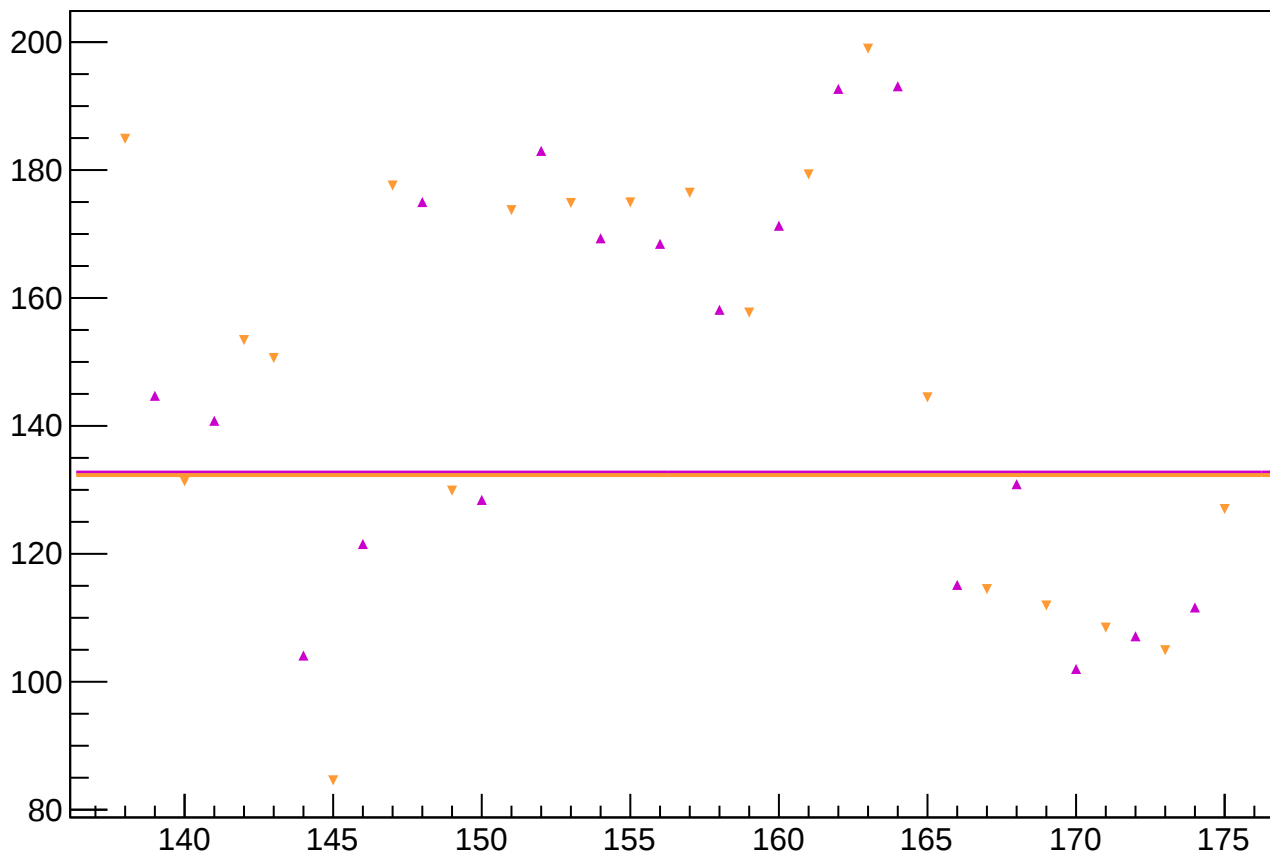
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.379+/-36.164 χ^2/NDF :25.9/17

Out: -128.491+/-35.083 χ^2/NDF :29.6/19

All: -50.982+/-25.181 χ^2/NDF : 65.6/37

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: 132.315+/-0.025 χ^2/NDF :1726001.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Left: 132.503+/-0.018 χ^2/NDF : 2950074.4/37

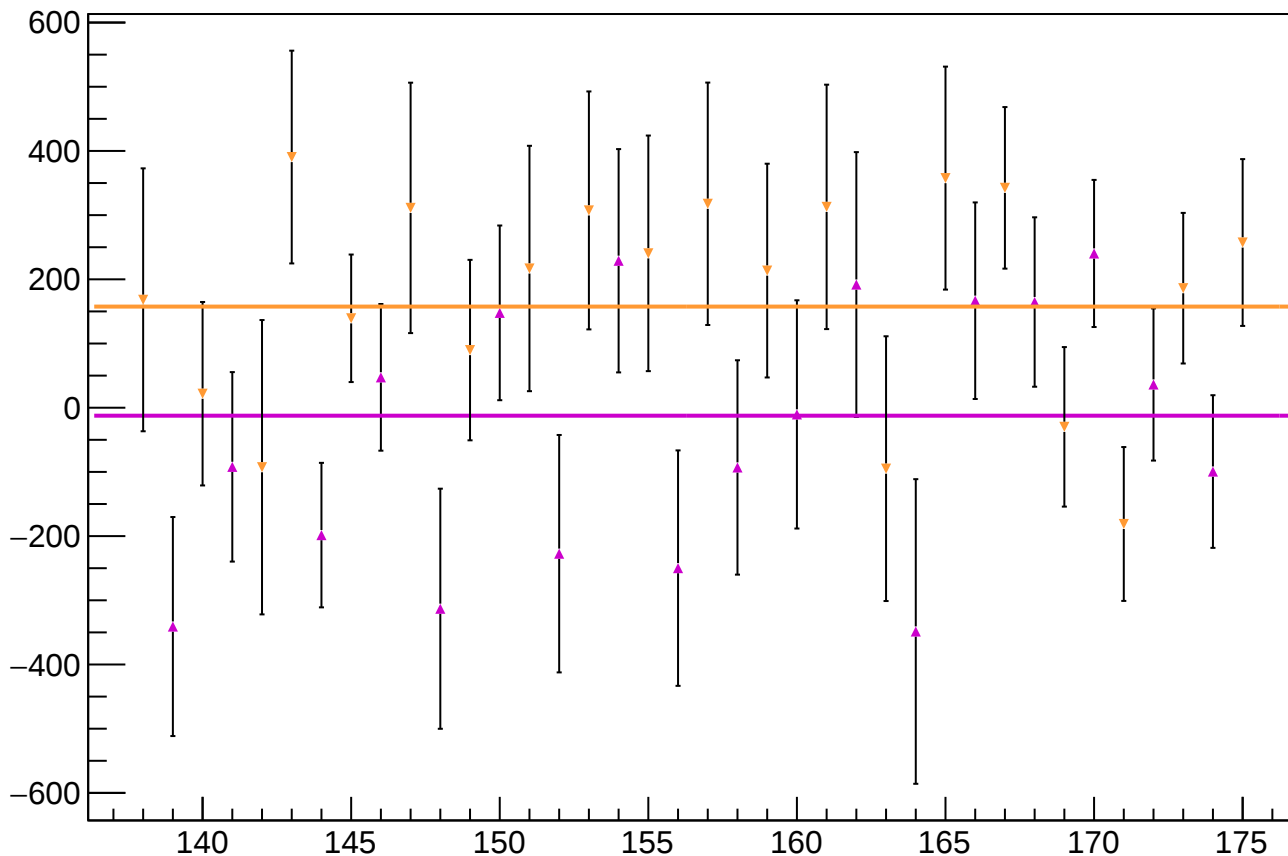
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Out: 132.315+/-0.025 χ^2/NDF :1726001.3/19

All: 132.503+/-0.018 χ^2/NDF : 2950074.4/37

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: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

Left: 74.204 $\pm$ 24.197 χ^2 /NDF: 63.5/37

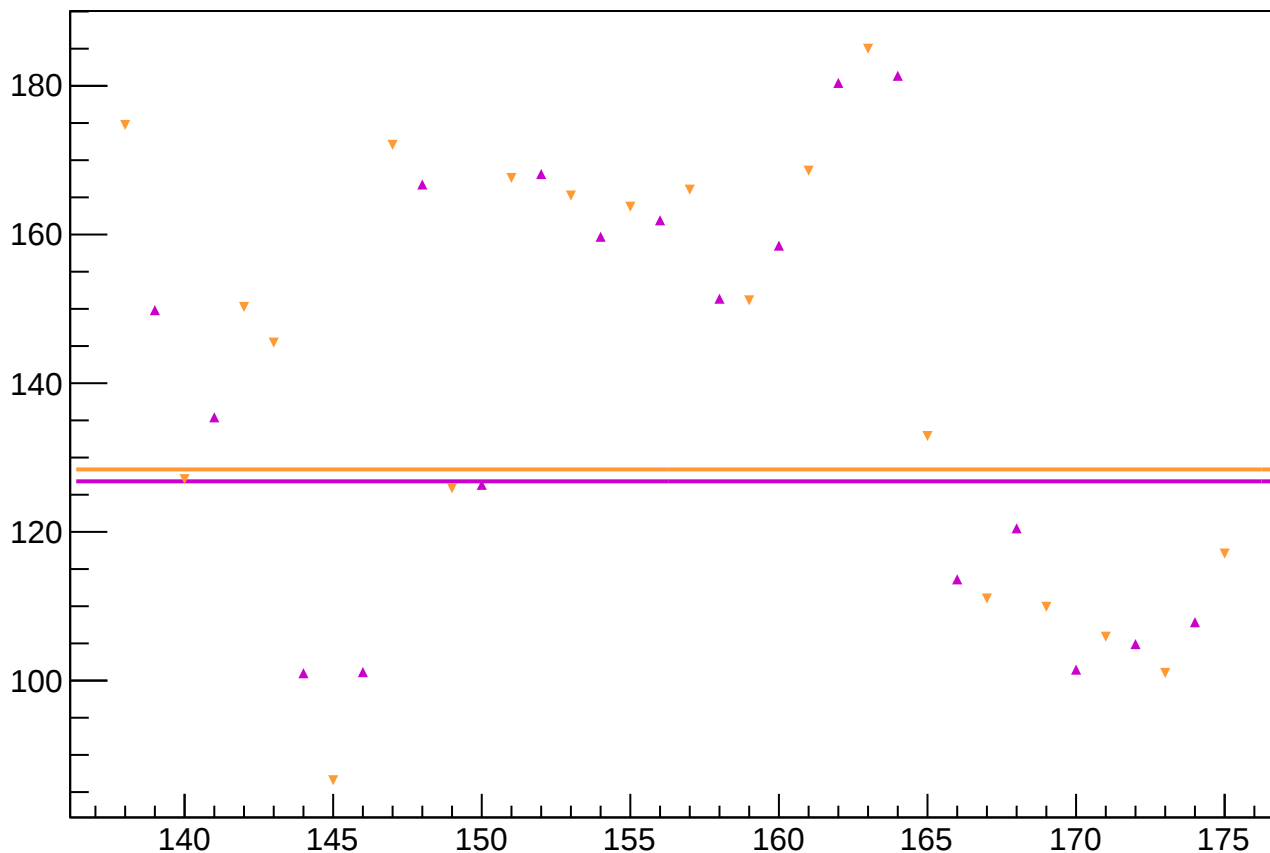
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.422 $\pm$ 34.557 χ^2 /NDF:27.9/17

Out: 157.532 $\pm$ 33.892 χ^2 /NDF:23.3/19

All: 74.204 $\pm$ 24.197 χ^2 /NDF: 63.5/37

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.399+/-0.024 χ^2/NDF :1469406.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

Left: 127.616+/-0.017 χ^2/NDF : 2640813.8/37

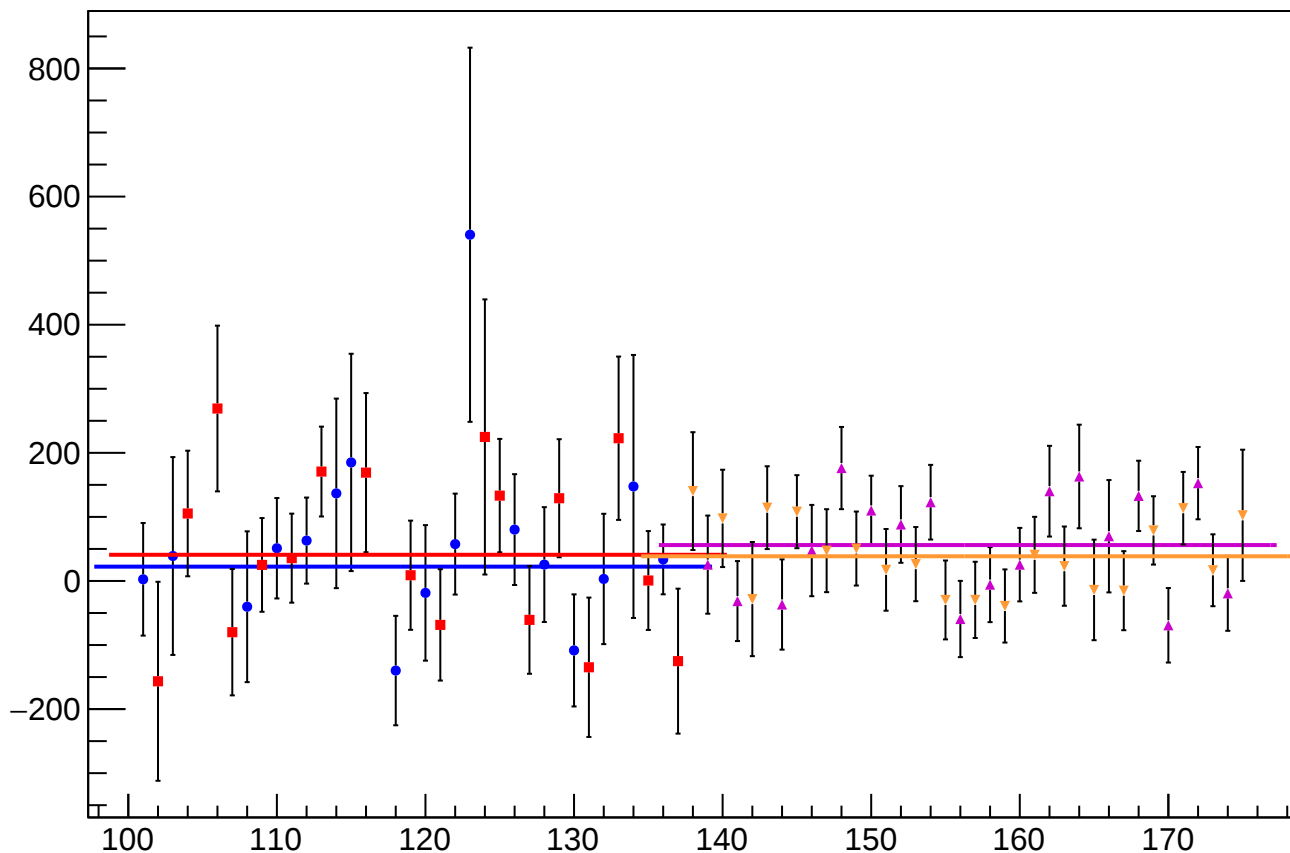
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

Out: 128.399+/-0.024 χ^2/NDF :1469406.3/19

All: 127.616+/-0.017 χ^2/NDF : 2640813.8/37

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361+/-22.625 χ^2/NDF : 12.6/16

Left Out: 38.547+/-14.216 χ^2/NDF : 14.0/19

Right Out: 40.867+/-22.136 χ^2/NDF : 24.2/17

Left In: 56.042+/-14.784 χ^2/NDF : 29.5/17

Left: 46.952+/-10.247 χ^2/NDF : 44.2/37

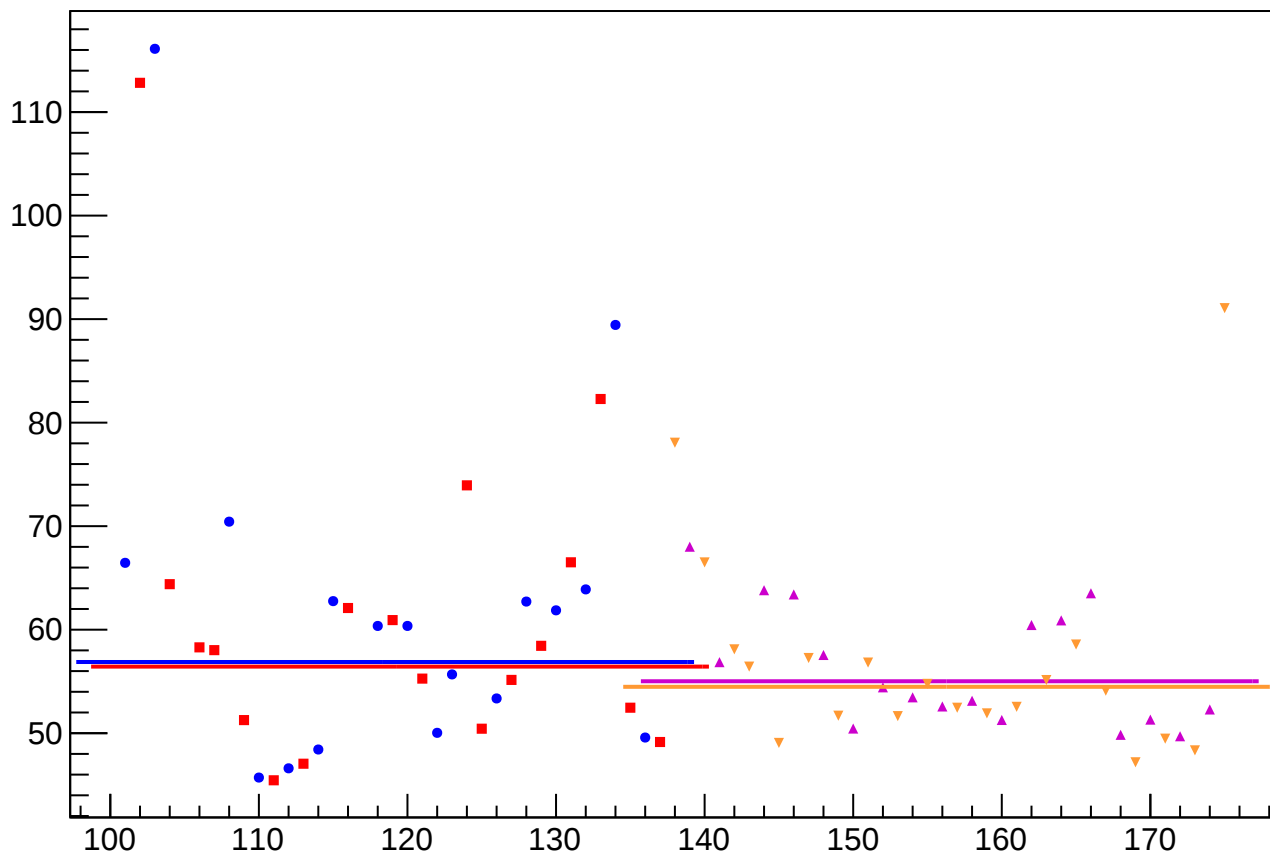
Right: 31.816+/-15.823 χ^2/NDF : 37.1/34

In: 45.964+/-12.376 χ^2/NDF : 43.7/34

Out: 39.225+/-11.962 χ^2/NDF : 38.2/37

All: 42.480+/-8.601 χ^2/NDF : 82.0/72

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 54.481 $\pm$ 0.010 χ^2 /NDF: 566966.4/19

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 55.018 $\pm$ 0.010 χ^2 /NDF: 240111.0/17

Left: 54.739 $\pm$ 0.007 χ^2 /NDF: 808447.2/37

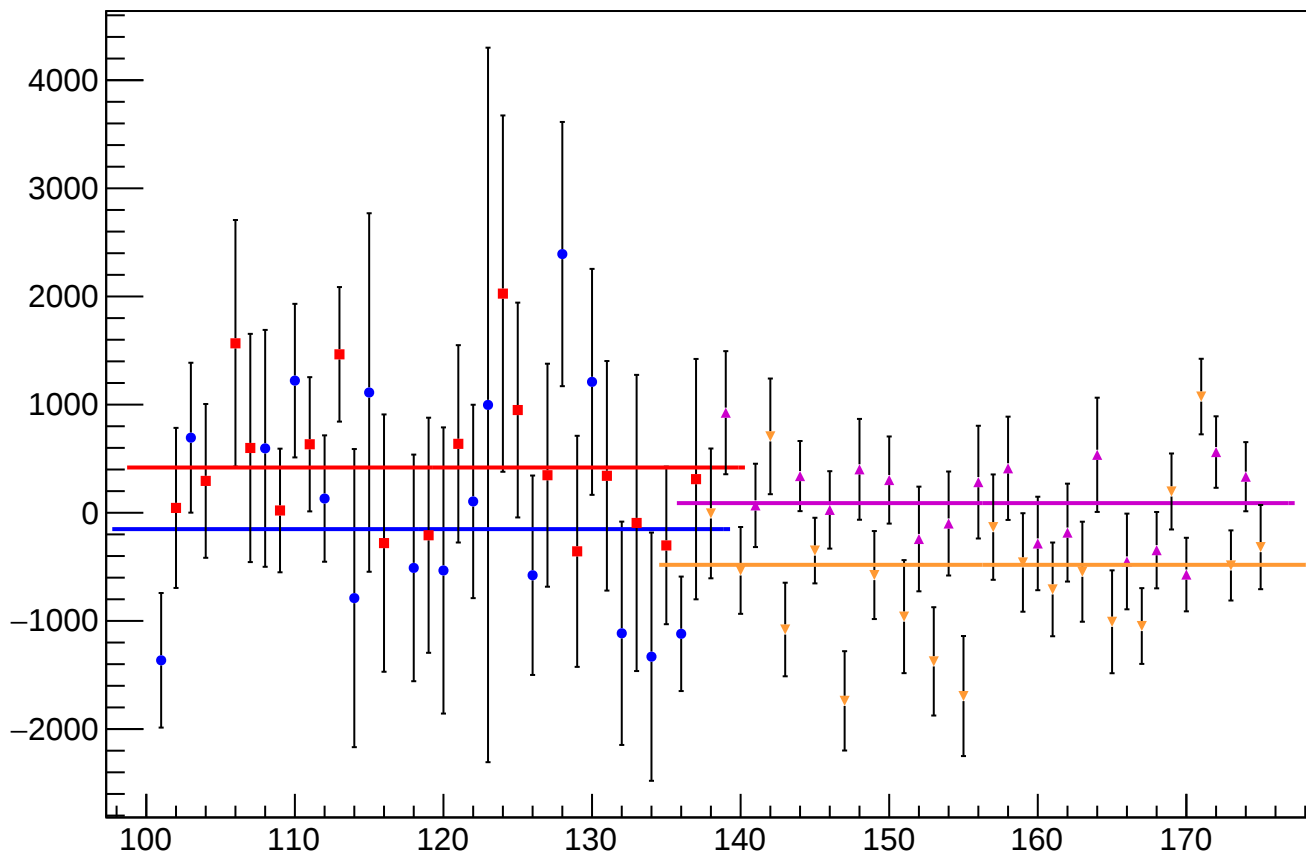
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 55.575 $\pm$ 0.009 χ^2 /NDF: 825077.7/34

Out: 55.051 $\pm$ 0.008 χ^2 /NDF: 1098441.9/37

All: 55.304 $\pm$ 0.006 χ^2 /NDF: 1925368.4/72

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -481.349 ± 93.504 $\chi^2/\text{NDF}: 52.4/19$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 89.272 ± 95.741 $\chi^2/\text{NDF}: 16.0/17$

Left: -202.781 ± 66.894 $\chi^2/\text{NDF}: 86.6/37$

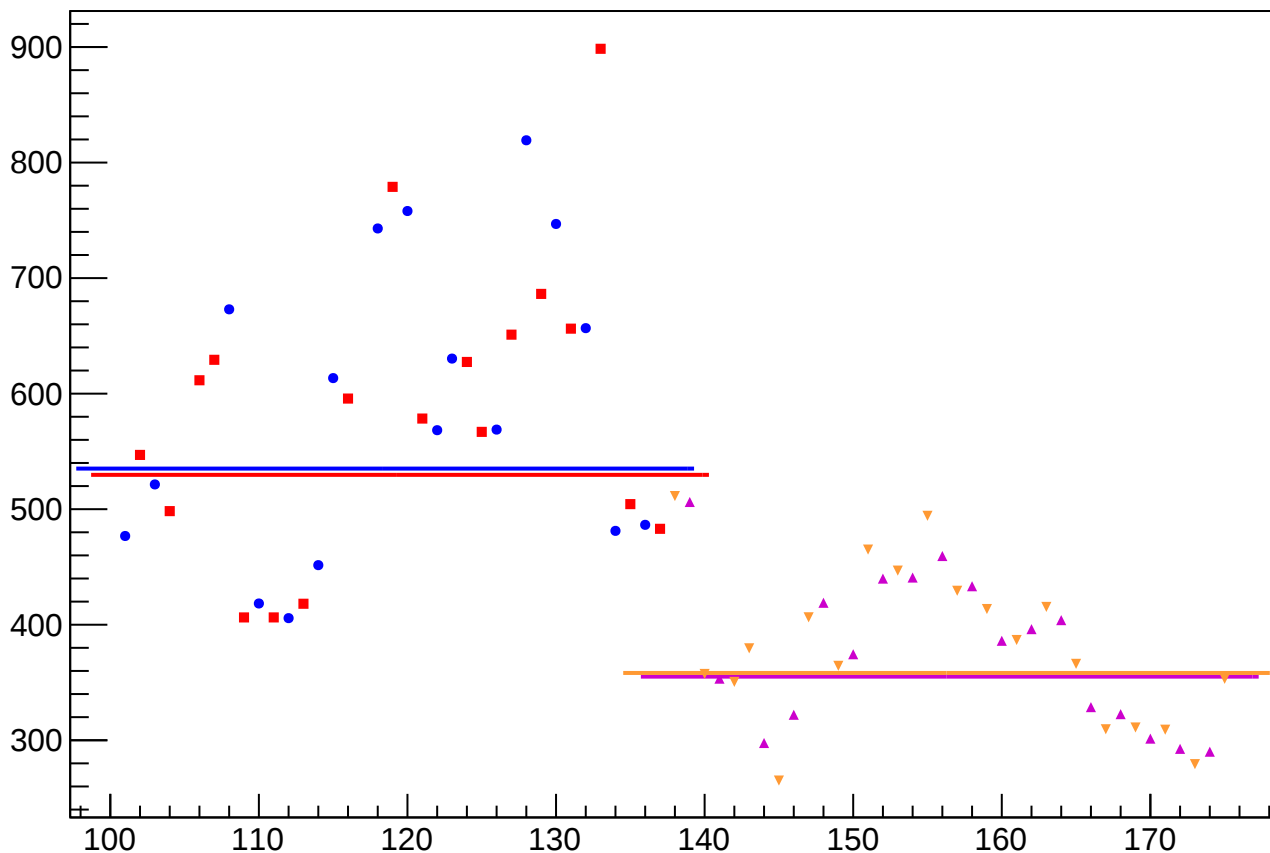
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 48.680 ± 87.286 $\chi^2/\text{NDF}: 39.5/34$

Out: -326.449 ± 85.077 $\chi^2/\text{NDF}: 76.8/37$

All: -143.692 ± 60.925 $\chi^2/\text{NDF}: 125.7/72$

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: 358.256 $\pm$ 0.066 χ^2 /NDF: 957654.5/19

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 355.079 $\pm$ 0.068 χ^2 /NDF: 794043.2/17

Left: 356.705 $\pm$ 0.047 χ^2 /NDF: 1752824.9/37

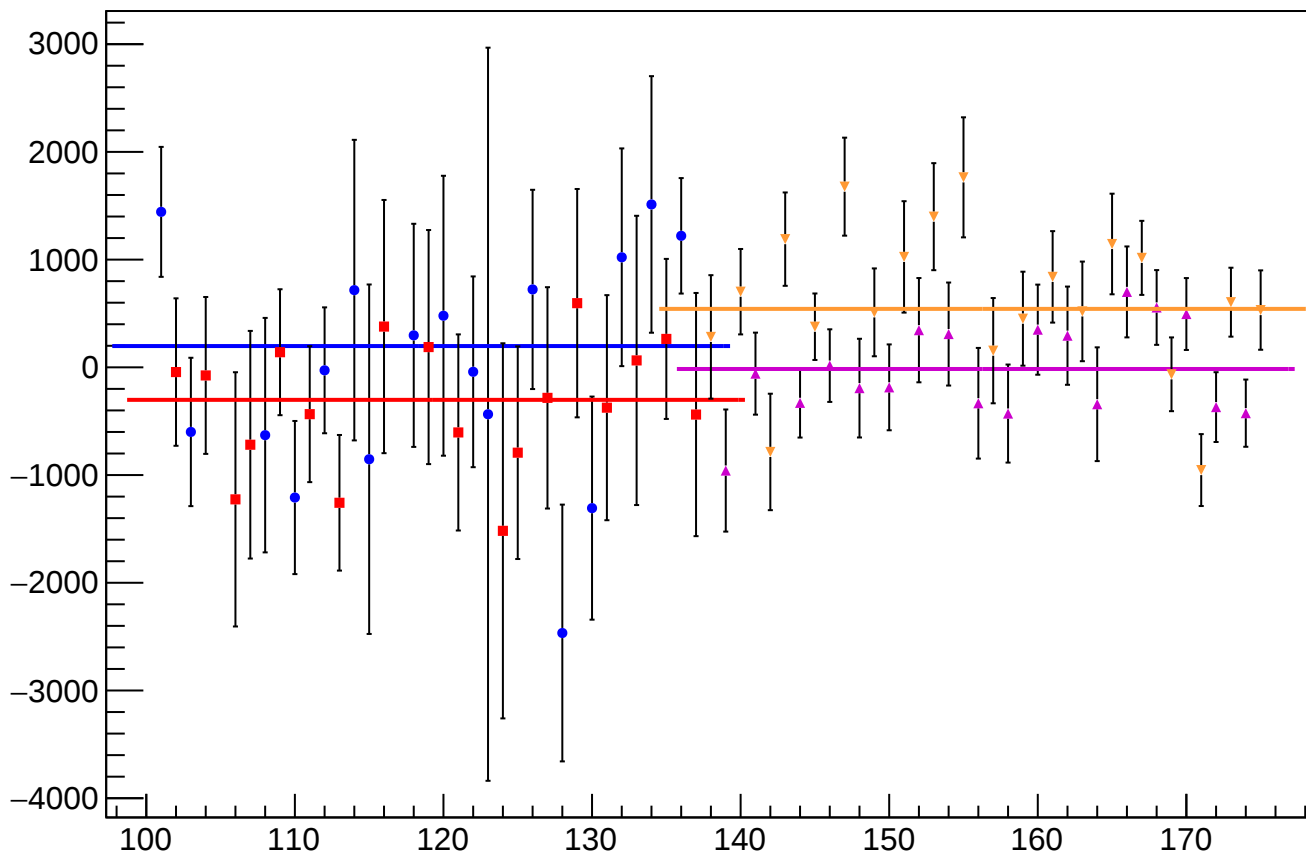
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 385.474 $\pm$ 0.062 χ^2 /NDF: 2584263.0/34

Out: 387.770 $\pm$ 0.060 χ^2 /NDF: 2762005.3/37

All: 386.652 $\pm$ 0.043 χ^2 /NDF: 5346978.0/72

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 ± 211.480 χ^2/NDF : 23.9/16

Left Out: 542.718 ± 92.108 χ^2/NDF : 51.8/19

Right Out: -301.856 ± 205.700 χ^2/NDF : 6.7/17

Left In: -15.304 ± 93.827 χ^2/NDF : 18.7/17

Left: 268.866 ± 65.730 χ^2/NDF : 88.6/37

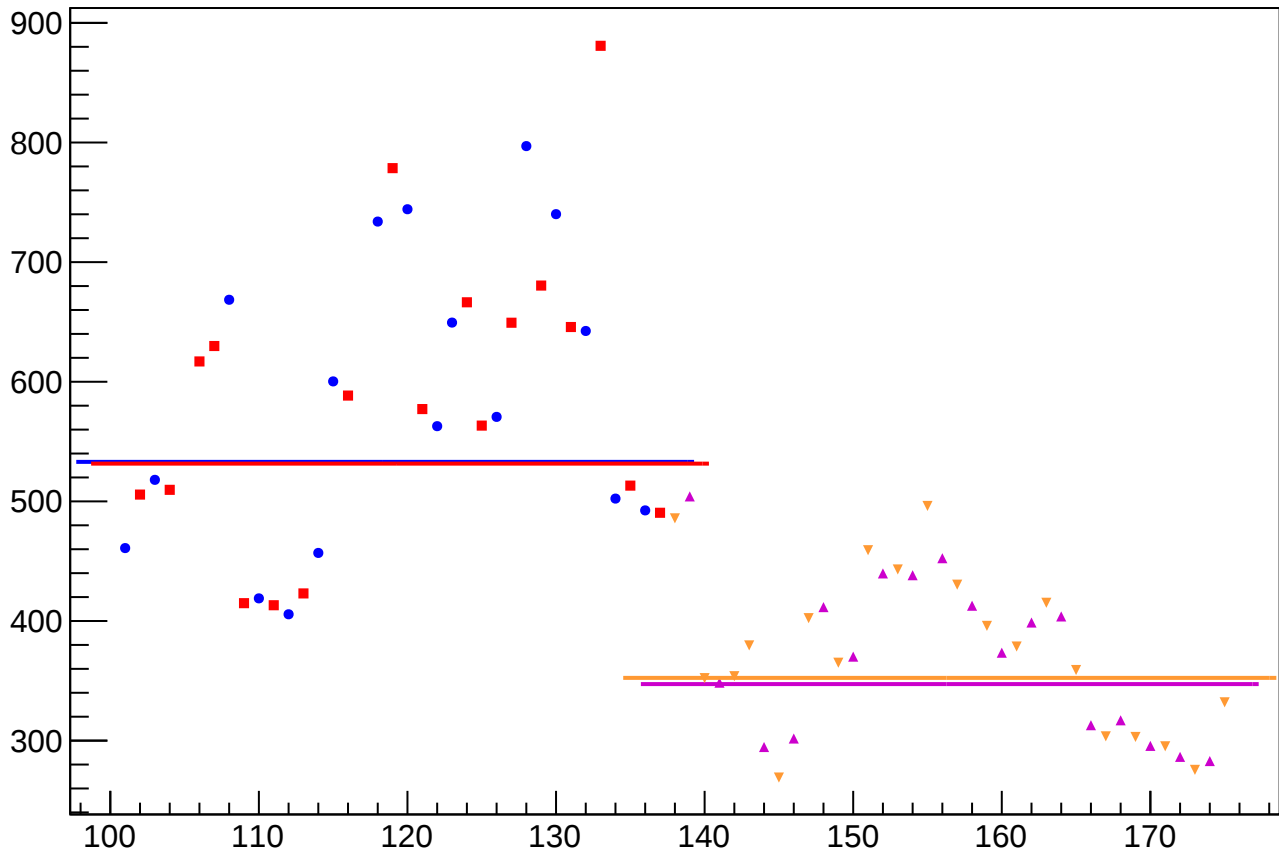
Right: -59.066 ± 147.453 χ^2/NDF : 33.5/34

In: 19.706 ± 85.765 χ^2/NDF : 43.5/34

Out: 401.658 ± 84.065 χ^2/NDF : 72.5/37

All: 214.505 ± 60.035 χ^2/NDF : 126.2/72

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.458+/-0.065 χ^2/NDF : 950814.8/19

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 347.265+/-0.066 χ^2/NDF : 848328.8/17

Left: 349.909+/-0.046 χ^2/NDF : 1802263.7/37

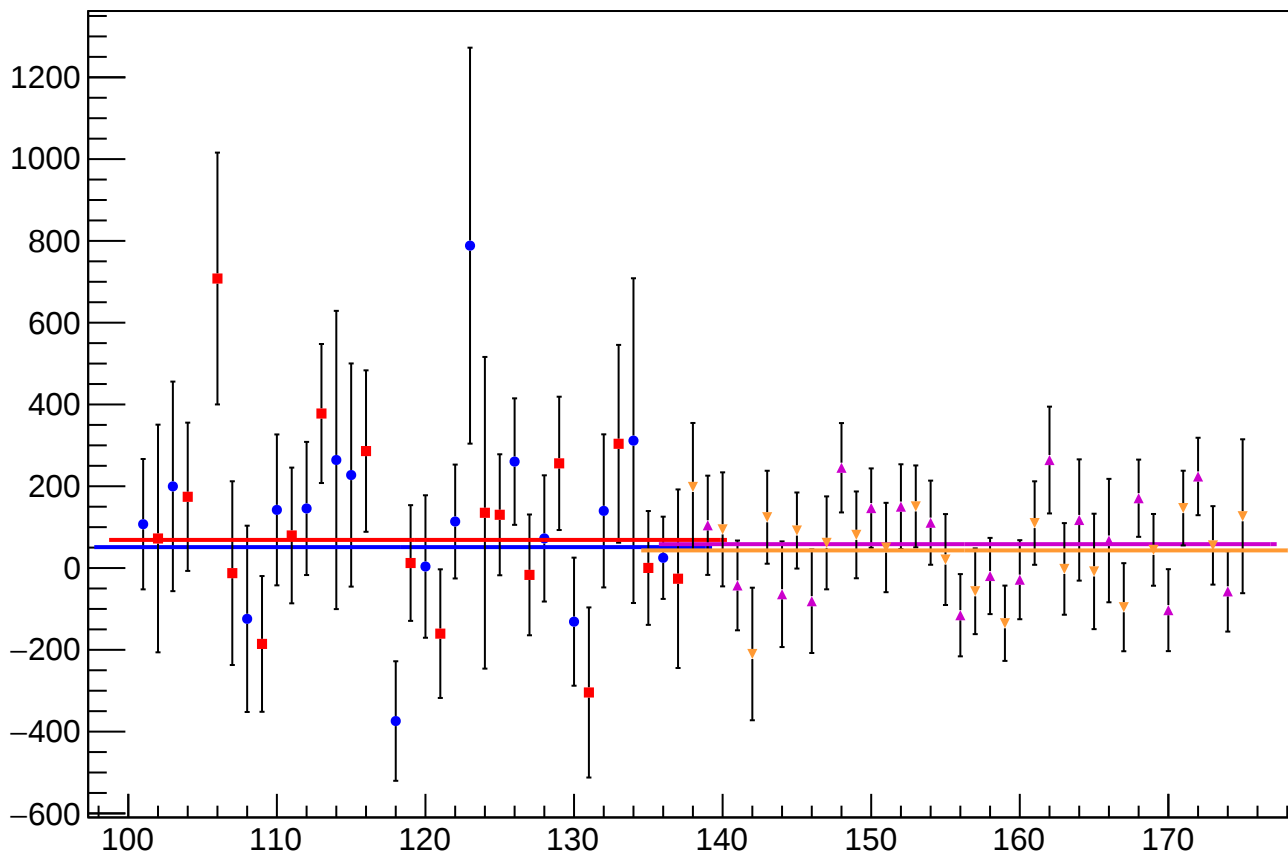
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 377.818+/-0.061 χ^2/NDF : 2704584.9/34

Out: 382.371+/-0.059 χ^2/NDF : 2811707.8/37

All: 380.140+/-0.042 χ^2/NDF : 5519168.1/72

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: 43.130 $\pm$ 24.532 χ^2 /NDF:14.2/19

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 58.406 $\pm$ 25.430 χ^2 /NDF:23.5/17

Left: 50.494 $\pm$ 17.656 χ^2 /NDF: 37.9/37

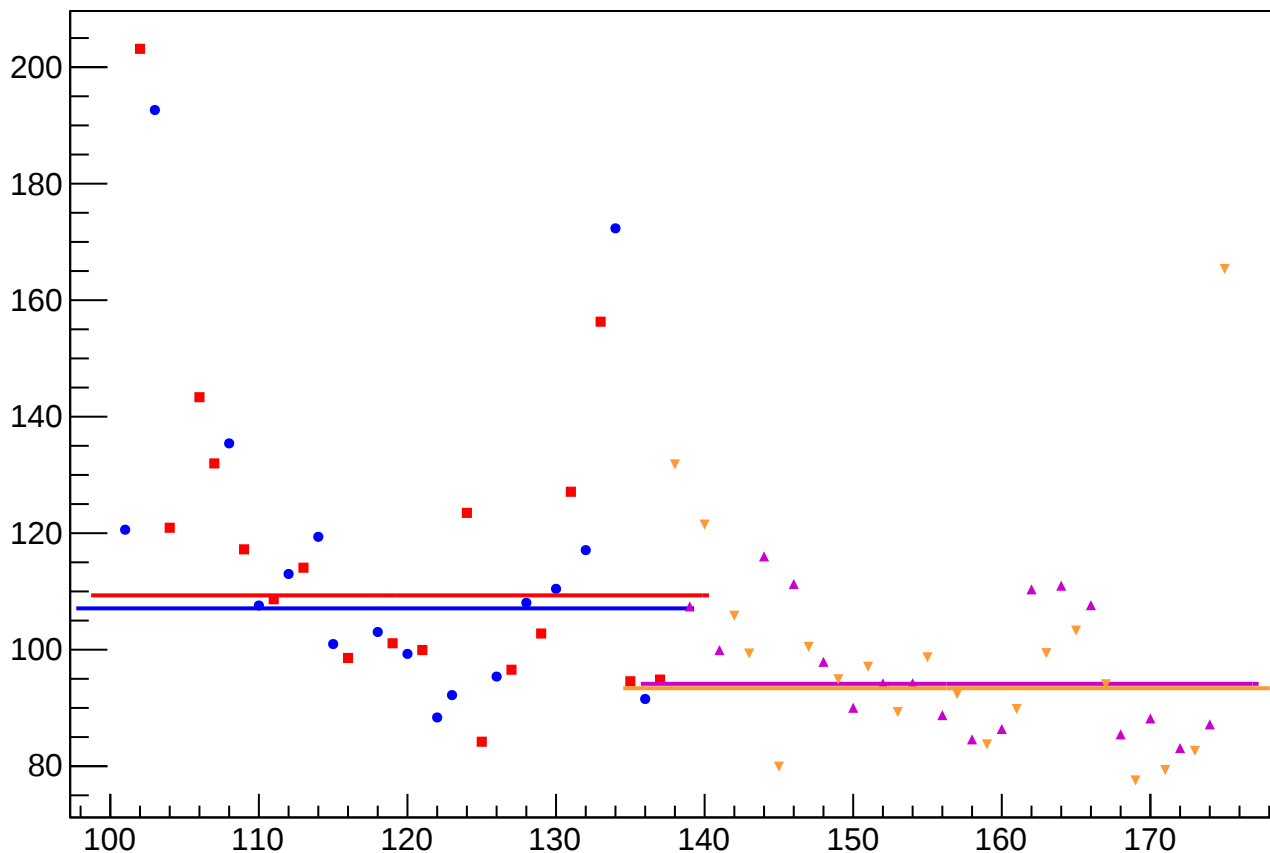
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 56.492 $\pm$ 21.810 χ^2 /NDF:40.9/34

Out: 49.472 $\pm$ 21.284 χ^2 /NDF:34.9/37

All: 52.896 $\pm$ 15.233 χ^2 /NDF: 75.8/72

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: 93.385 $\pm$ 0.017 χ^2 /NDF: 749700.8/19

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 94.141 $\pm$ 0.018 χ^2 /NDF: 302678.5/17

Left: 93.749 $\pm$ 0.012 χ^2 /NDF: 1053295.6/37

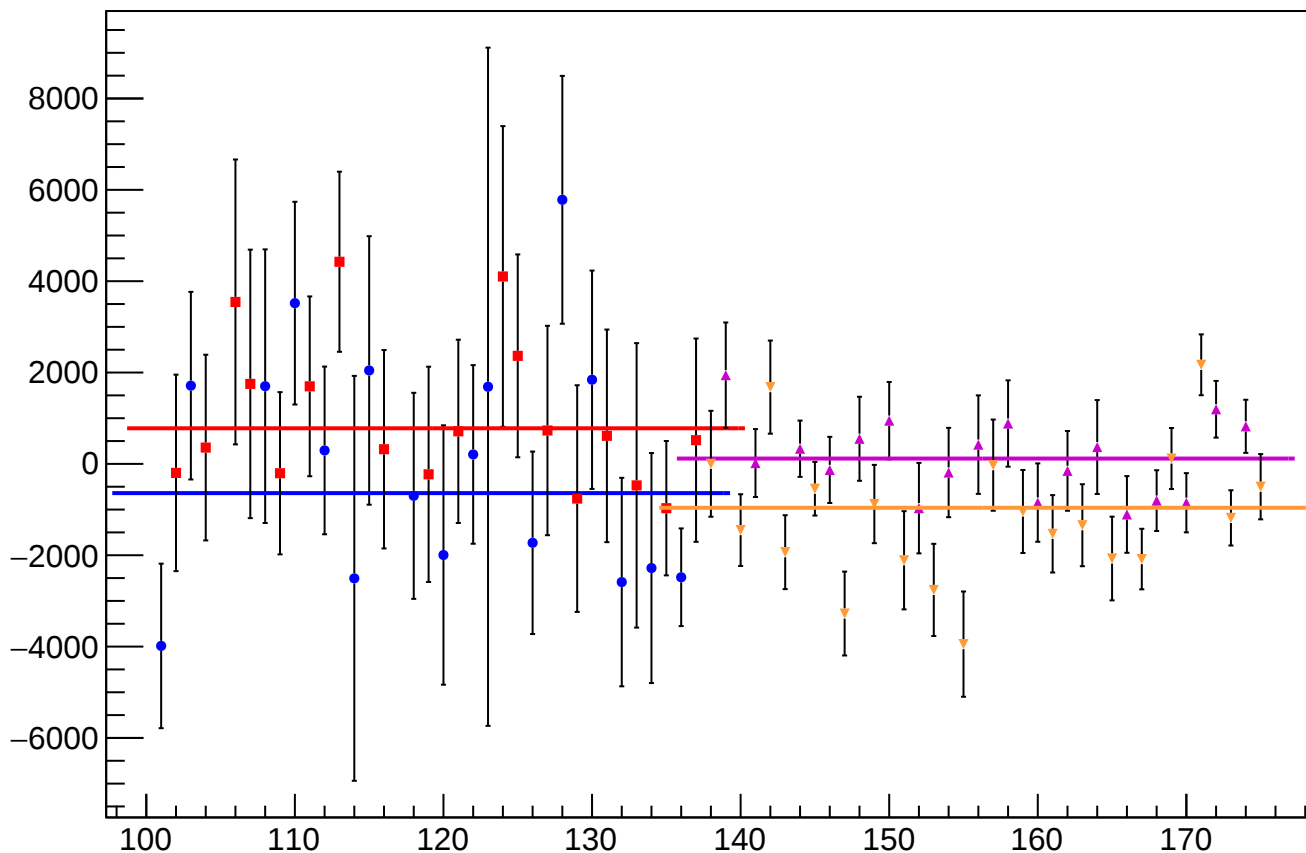
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 97.566 $\pm$ 0.015 χ^2 /NDF: 877631.1/34

Out: 97.327 $\pm$ 0.015 χ^2 /NDF: 1464629.3/37

All: 97.443 $\pm$ 0.011 χ^2 /NDF: 2342383.0/72

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -960.505+/-181.353 χ^2/NDF : 58.2/19

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 116.807+/-185.830 χ^2/NDF : 18.2/17

Left: -434.983+/-129.790 χ^2/NDF : 93.6/37

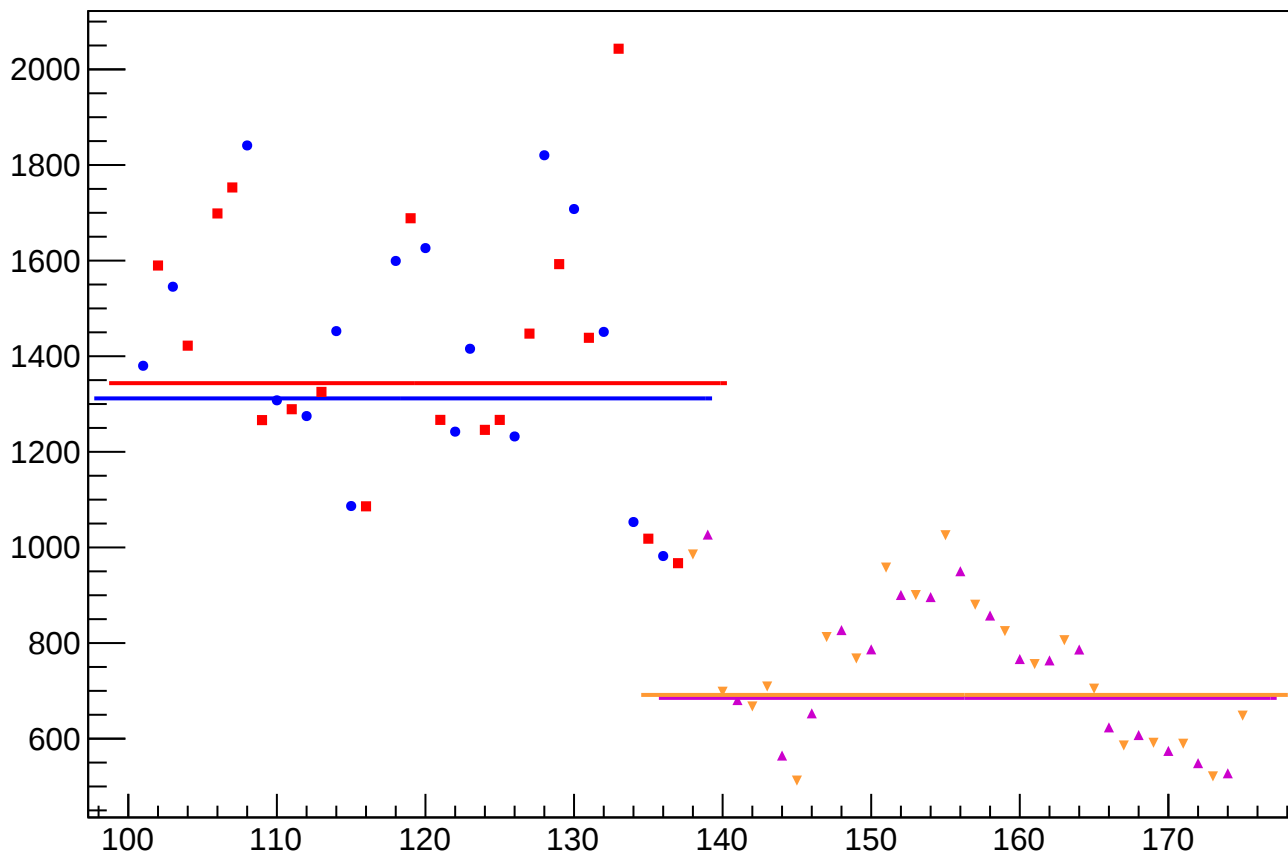
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 30.898+/-174.963 χ^2/NDF : 41.8/34

Out: -769.507+/-171.110 χ^2/NDF : 77.2/37

All: -378.215+/-122.332 χ^2/NDF : 129.7/72

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 691.524+/-0.128 χ^2/NDF : 1211922.3/19

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 685.326+/-0.131 χ^2/NDF : 1101351.8/17

Left: 688.501+/-0.092 χ^2/NDF : 2314413.7/37

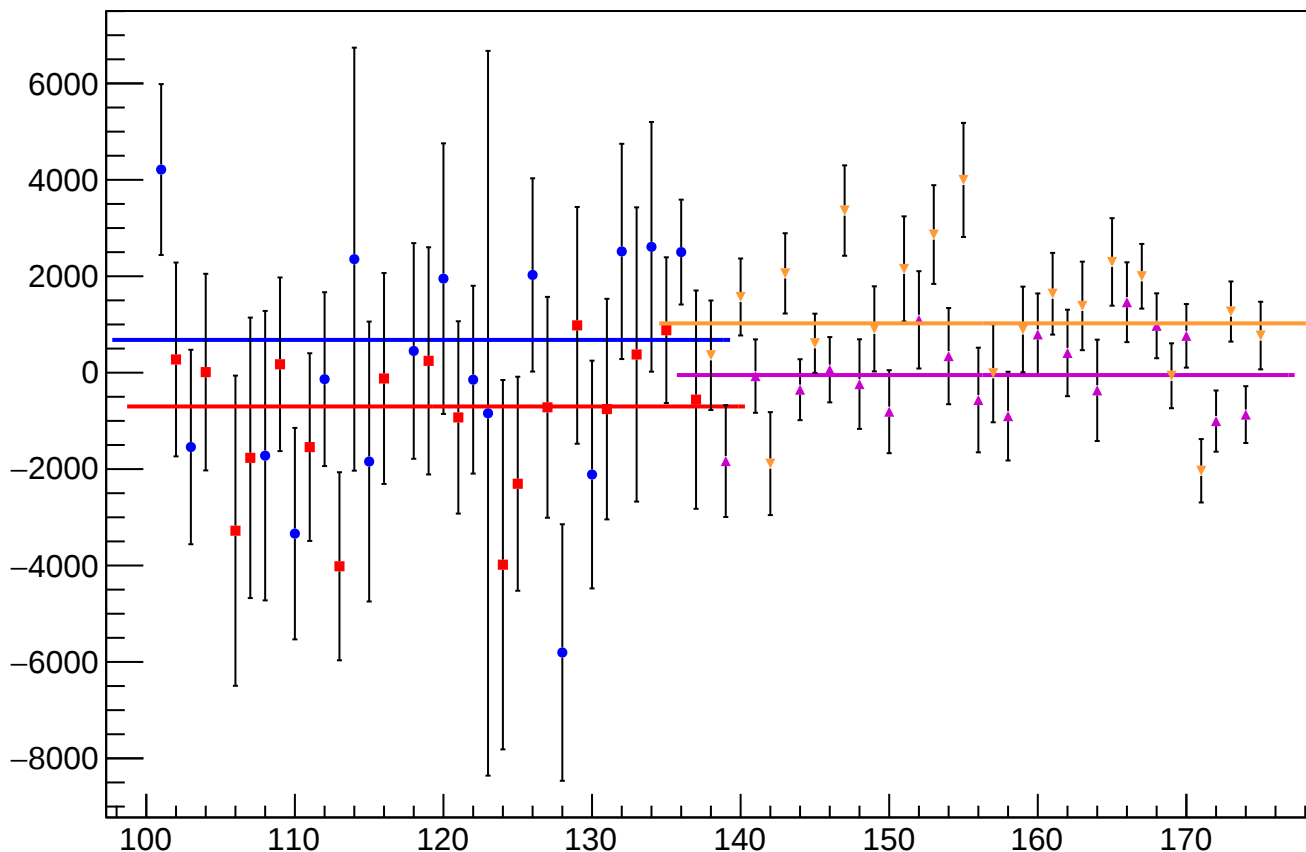
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 756.454+/-0.124 χ^2/NDF : 4194737.7/34

Out: 763.110+/-0.121 χ^2/NDF : 4511824.7/37

All: 759.856+/-0.087 χ^2/NDF : 8708041.9/72

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1023.591+/-183.753 χ^2/NDF : 57.4/19

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -49.221+/-187.186 χ^2/NDF : 18.7/17

Left: 497.112+/-131.130 χ^2/NDF : 92.8/37

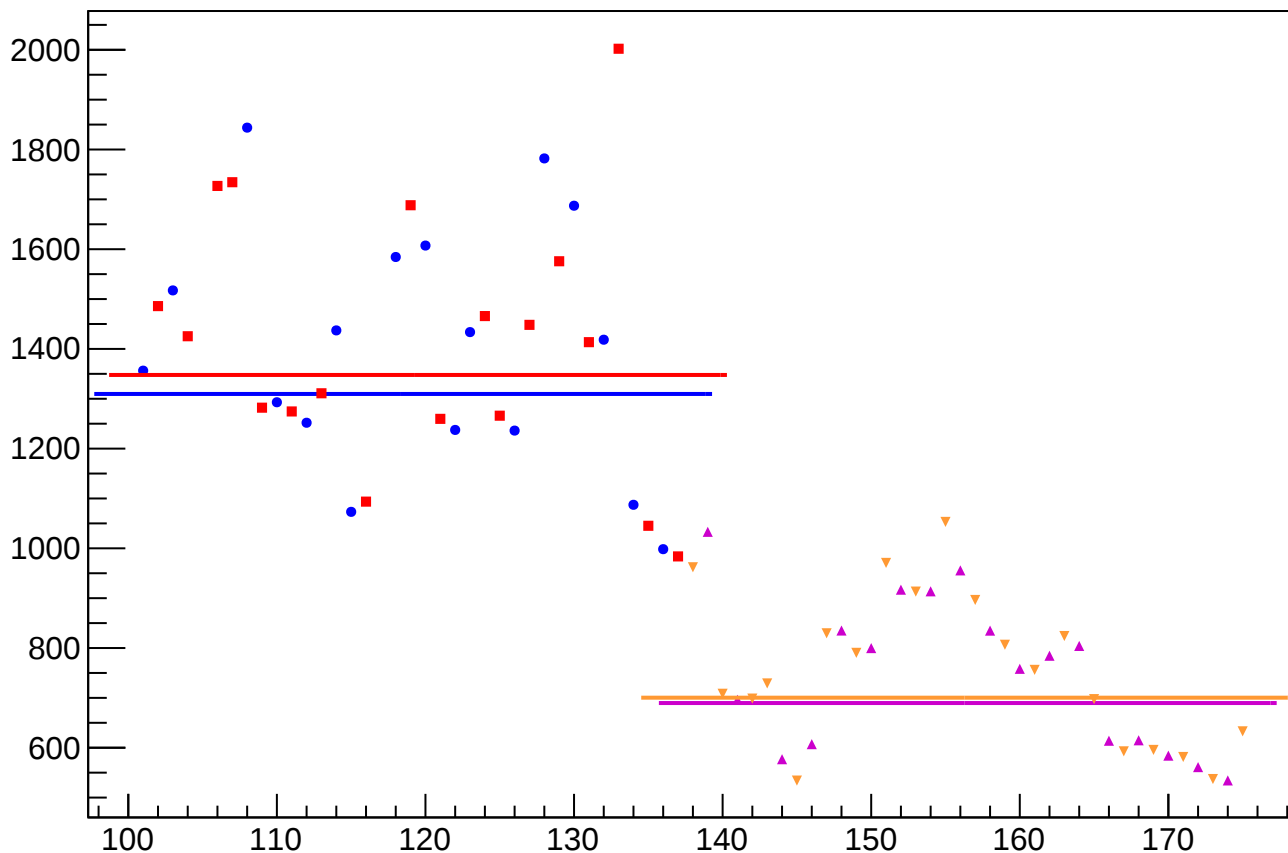
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: 35.138+/-176.025 χ^2/NDF : 43.0/34

Out: 830.386+/-173.154 χ^2/NDF : 74.9/37

All: 439.300+/-123.441 χ^2/NDF : 128.3/72

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 700.390 $\pm$ 0.130 χ^2 /NDF: 1169374.5/19

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 689.647 $\pm$ 0.132 χ^2 /NDF: 1095611.5/17

Left: 695.118 $\pm$ 0.093 χ^2 /NDF: 2268340.8/37

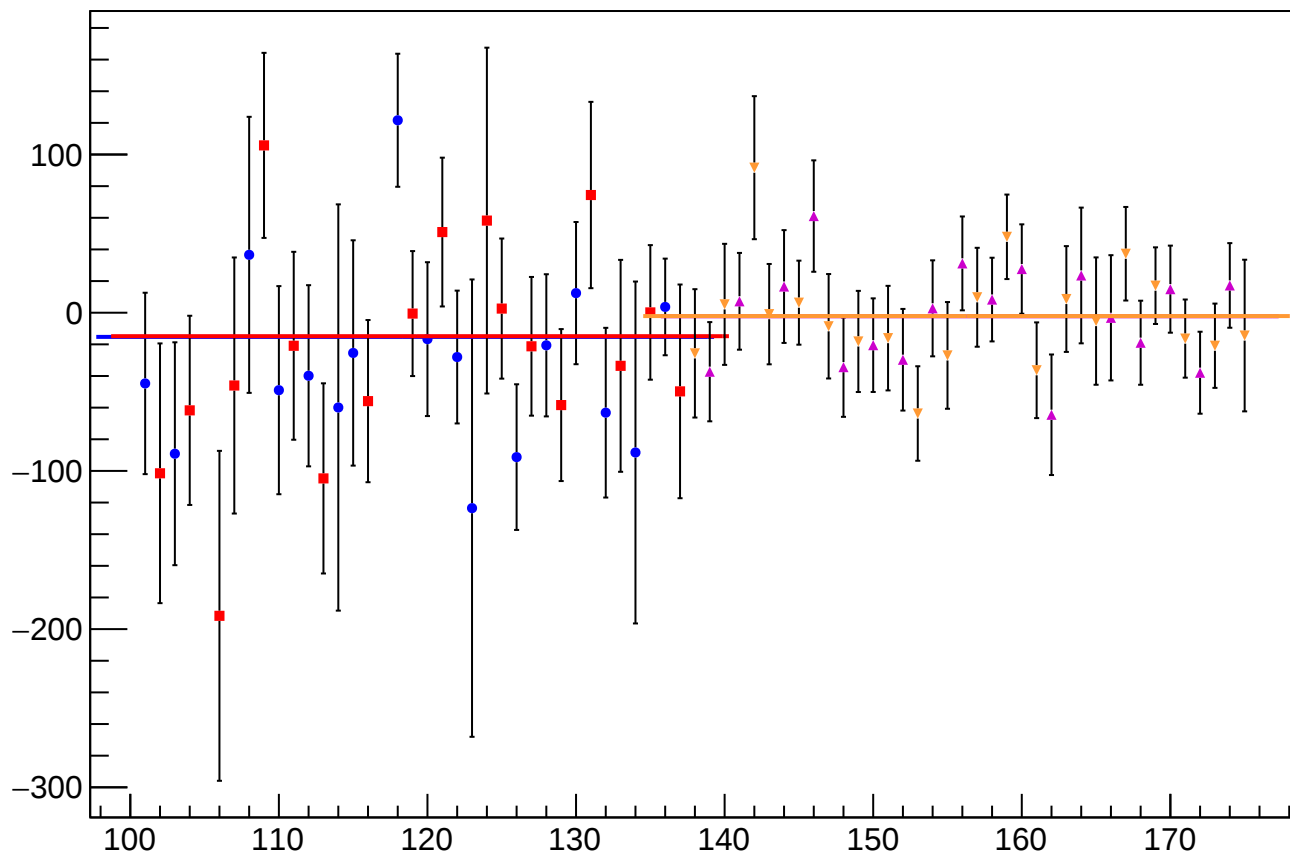
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 761.379 $\pm$ 0.124 χ^2 /NDF: 4093508.6/34

Out: 772.918 $\pm$ 0.122 χ^2 /NDF: 4355868.2/37

All: 767.243 $\pm$ 0.087 χ^2 /NDF: 8453745.0/72

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: -2.123 ± 7.007 χ^2/NDF : 18.4/19

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -2.262 ± 7.216 χ^2/NDF : 15.8/17

Left: -2.191 ± 5.027 χ^2/NDF : 34.2/37

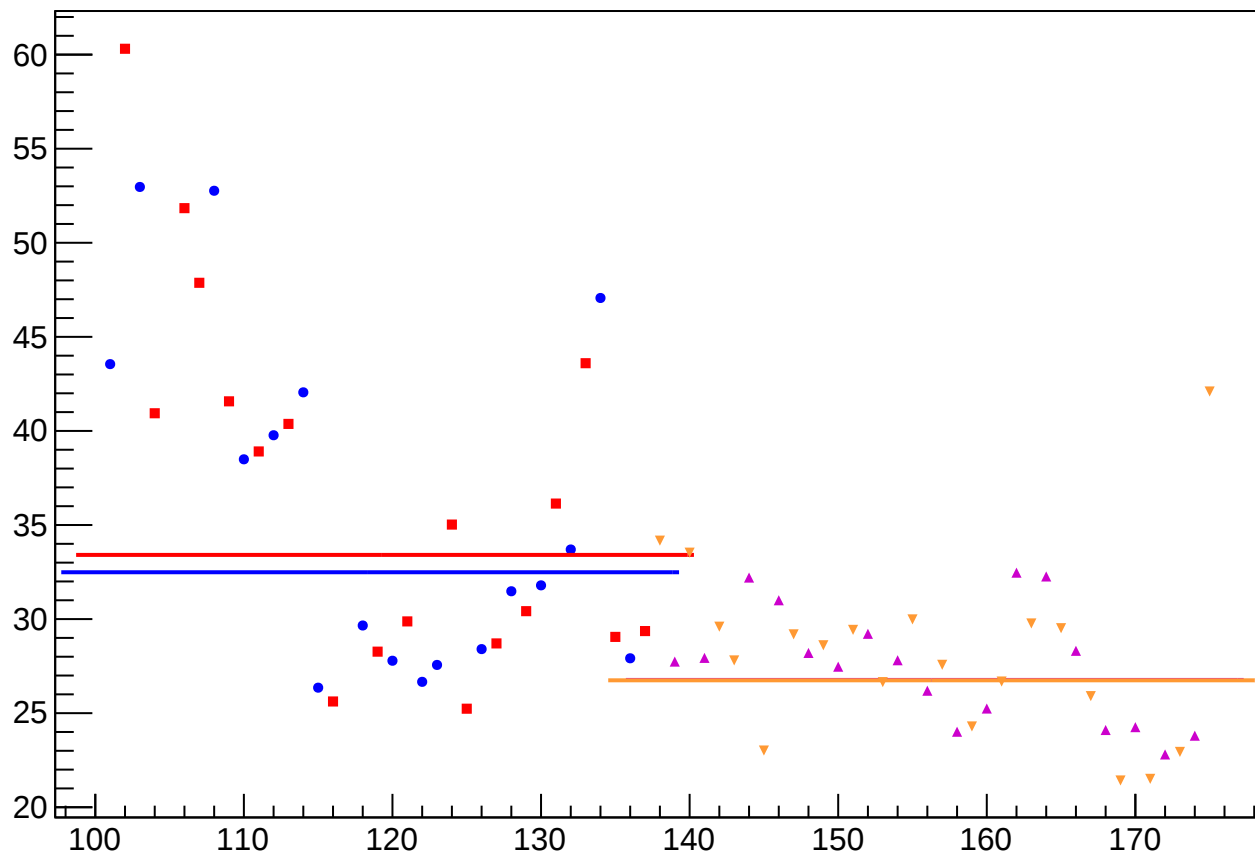
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.362 ± 6.299 χ^2/NDF : 34.9/34

Out: -4.953 ± 6.179 χ^2/NDF : 37.3/37

All: -5.154 ± 4.411 χ^2/NDF : 72.3/72

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 26.746+/-0.005 χ^2/NDF : 707049.7/19

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 26.766+/-0.005 χ^2/NDF : 316561.0/17

Left: 26.756+/-0.004 χ^2/NDF : 1023618.8/37

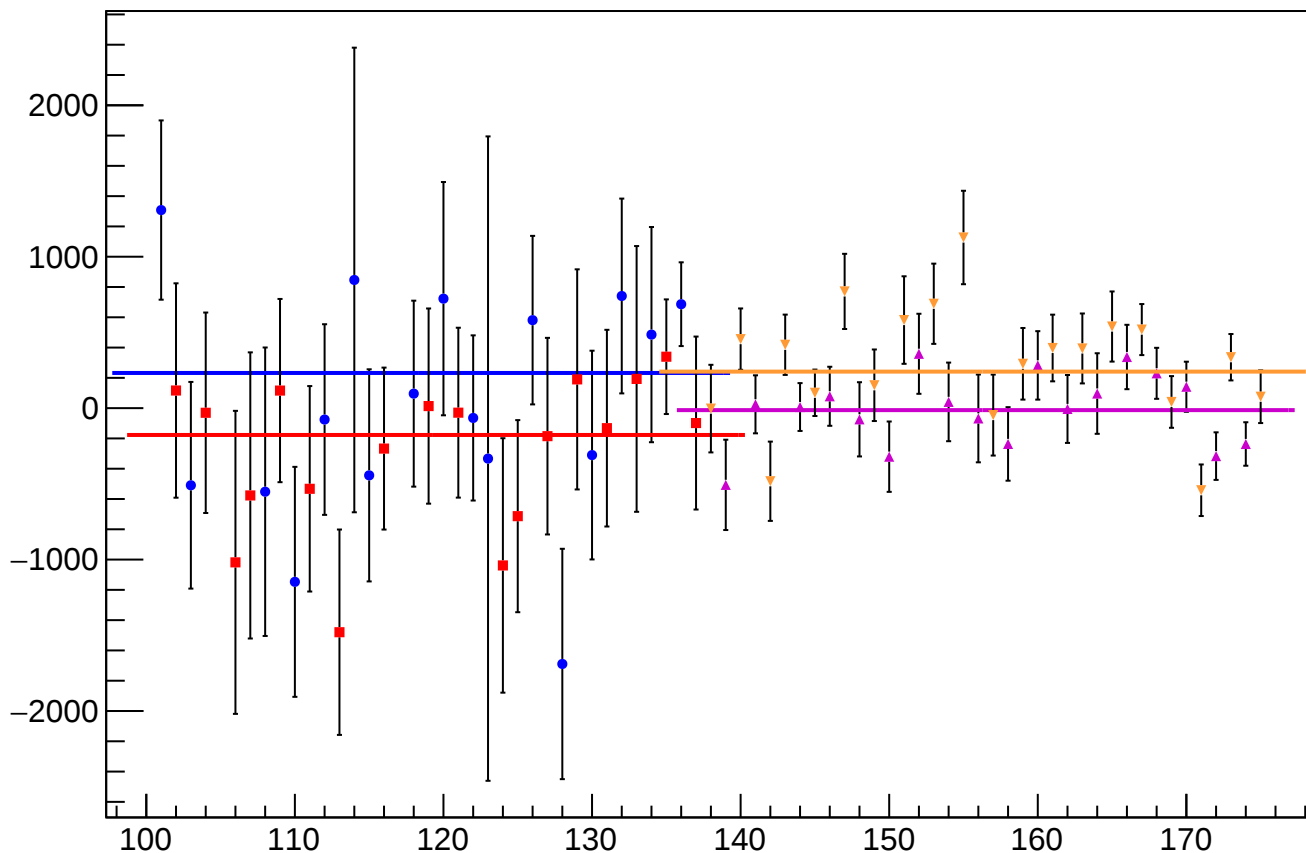
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.129+/-0.004 χ^2/NDF : 1210589.4/34

Out: 28.229+/-0.004 χ^2/NDF : 1834892.4/37

All: 28.180+/-0.003 χ^2/NDF : 3045740.1/72

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 241.268 $\pm$ 46.668 χ^2 /NDF:58.6/19

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -13.074 $\pm$ 47.967 χ^2 /NDF:21.5/17

Left: 117.587 $\pm$ 33.449 χ^2 /NDF: 94.5/37

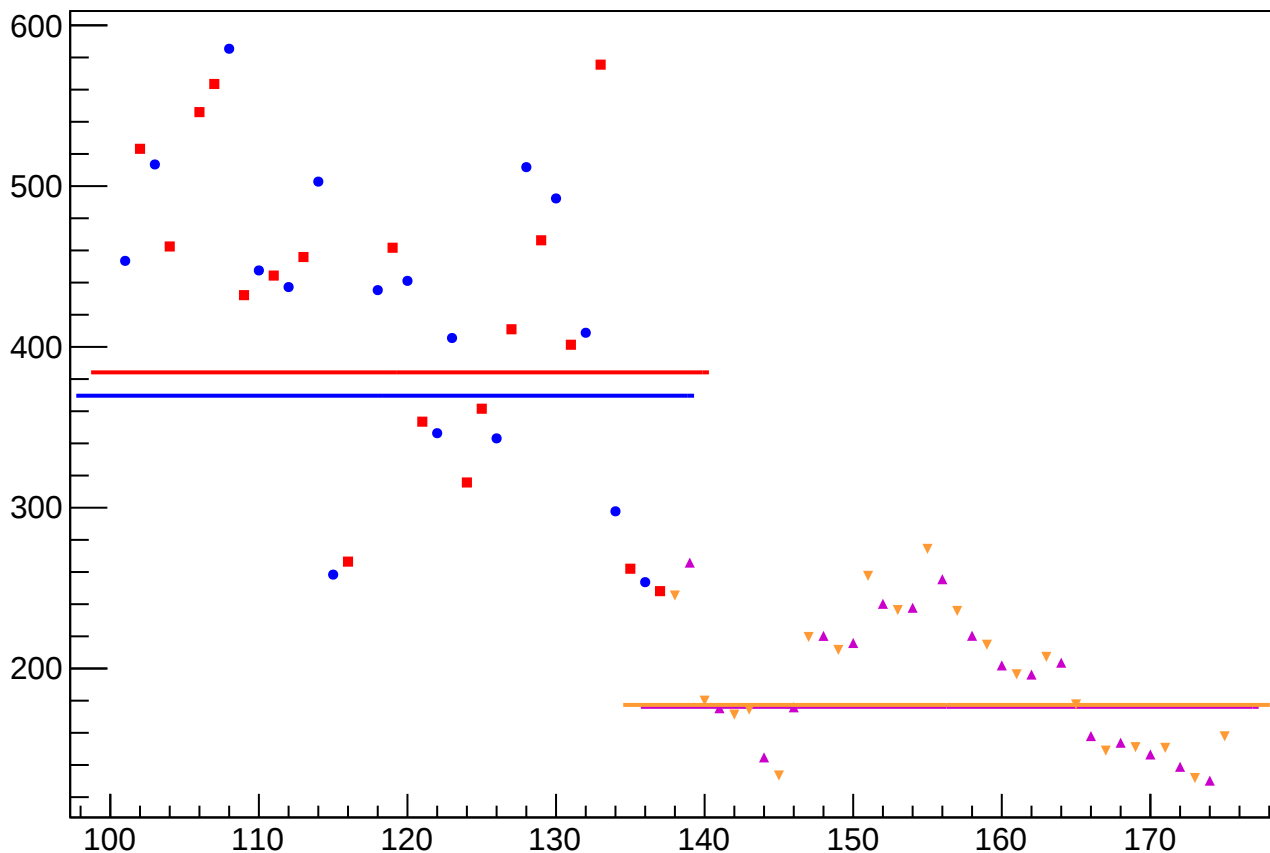
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 10.081 $\pm$ 45.648 χ^2 /NDF:45.4/34

Out: 204.343 $\pm$ 44.561 χ^2 /NDF:75.3/37

All: 109.551 $\pm$ 31.887 χ^2 /NDF: 130.0/72

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 177.366 $\pm$ 0.033 χ^2 /NDF: 1376832.8/19

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 176.159 $\pm$ 0.034 χ^2 /NDF: 1324167.8/17

Left: 176.779 $\pm$ 0.024 χ^2 /NDF: 2701650.5/37

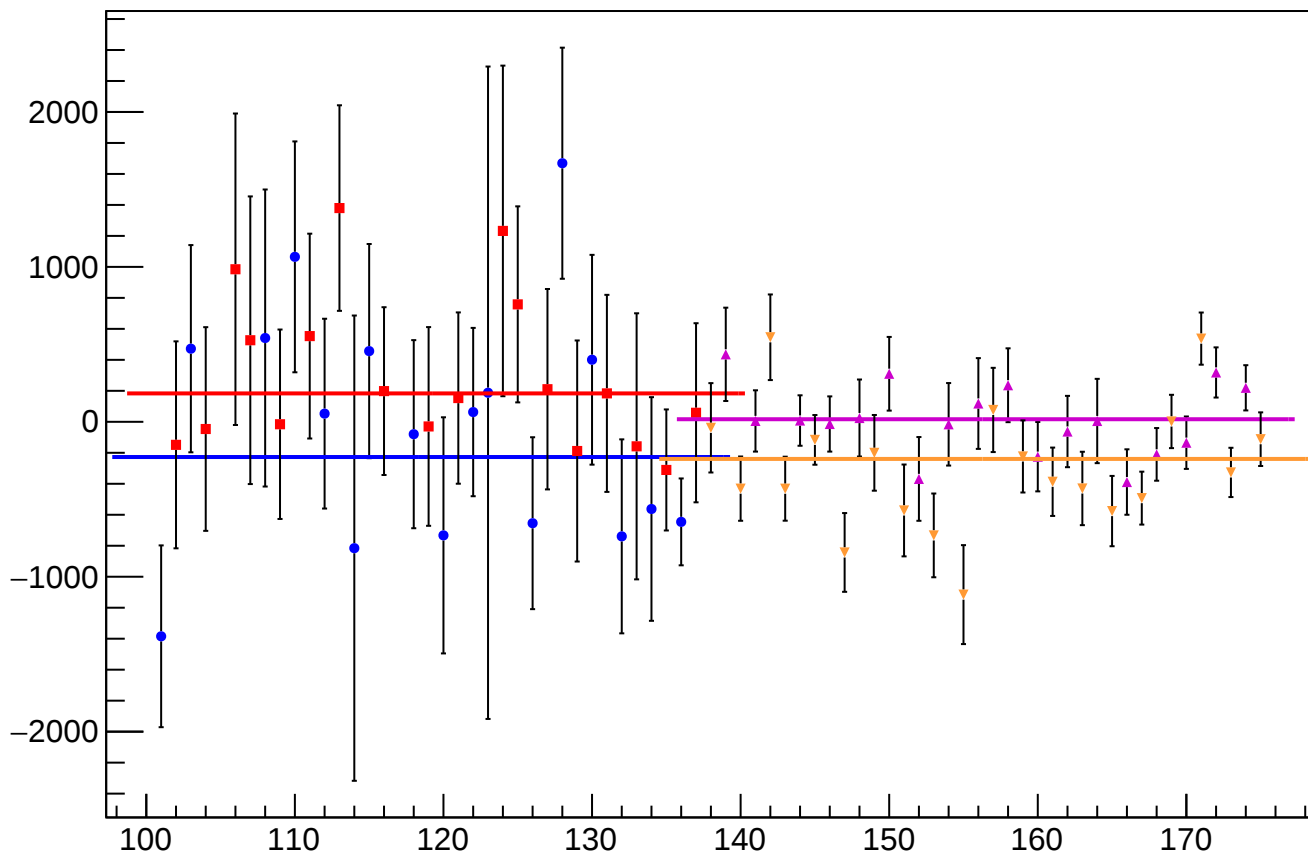
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 194.416 $\pm$ 0.032 χ^2 /NDF: 5297579.1/34

Out: 195.616 $\pm$ 0.032 χ^2 /NDF: 5717842.0/37

All: 195.030 $\pm$ 0.023 χ^2 /NDF: 11016129.3/72

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -239.544+/-47.471 χ^2/NDF : 59.6/19

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 16.669+/-48.449 χ^2/NDF : 19.5/17

Left: -114.051+/-33.908 χ^2/NDF : 93.3/37

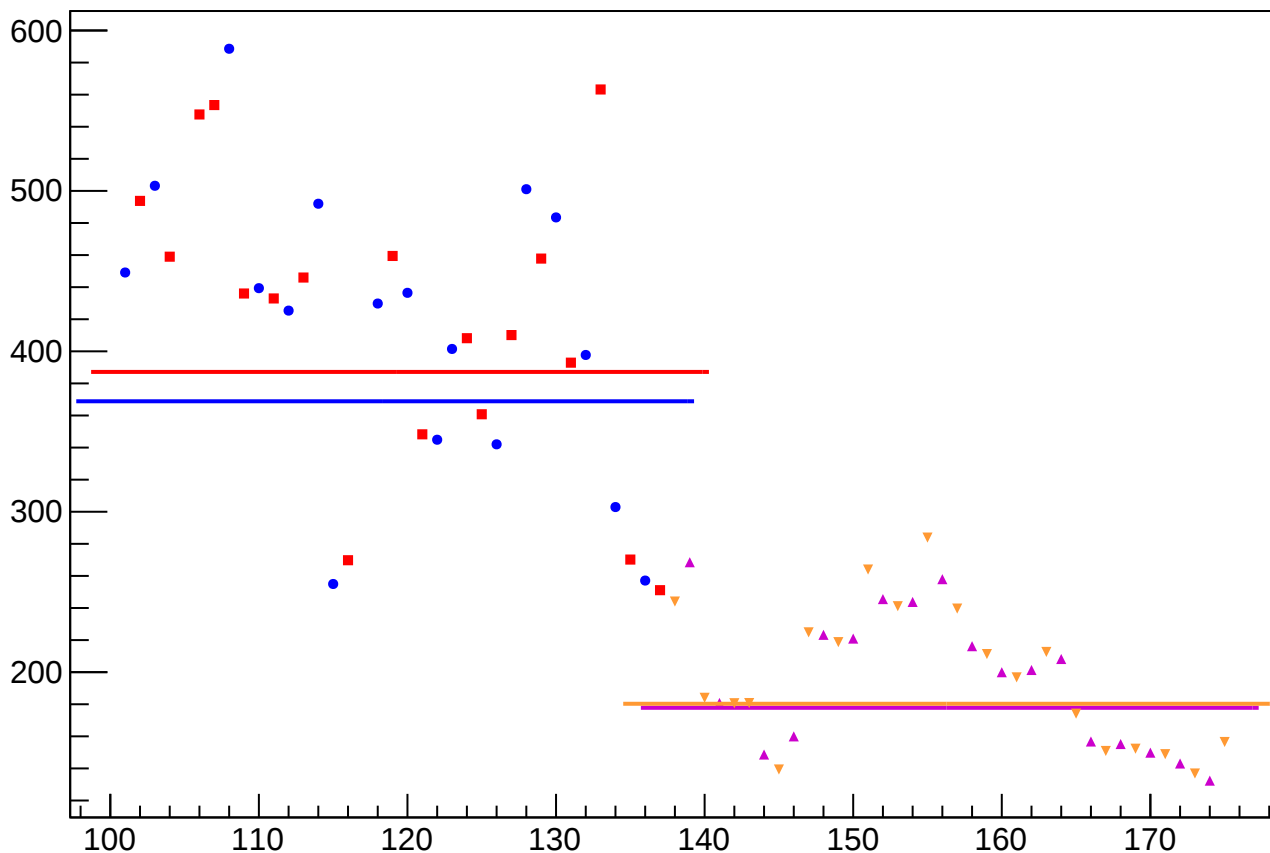
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -6.966+/-46.043 χ^2/NDF : 43.8/34

Out: -201.274+/-45.272 χ^2/NDF : 75.6/37

All: -105.760+/-32.281 χ^2/NDF : 128.4/72

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 ± 0.105 $\chi^2/\text{NDF}: 829732.0/16$

Left Out: 180.306 ± 0.034 $\chi^2/\text{NDF}: 1360348.7/19$

Right Out: 387.165 ± 0.106 $\chi^2/\text{NDF}: 758108.0/17$

Left In: 177.792 ± 0.034 $\chi^2/\text{NDF}: 1309685.1/17$

Left: 179.075 ± 0.024 $\chi^2/\text{NDF}: 2672780.3/37$

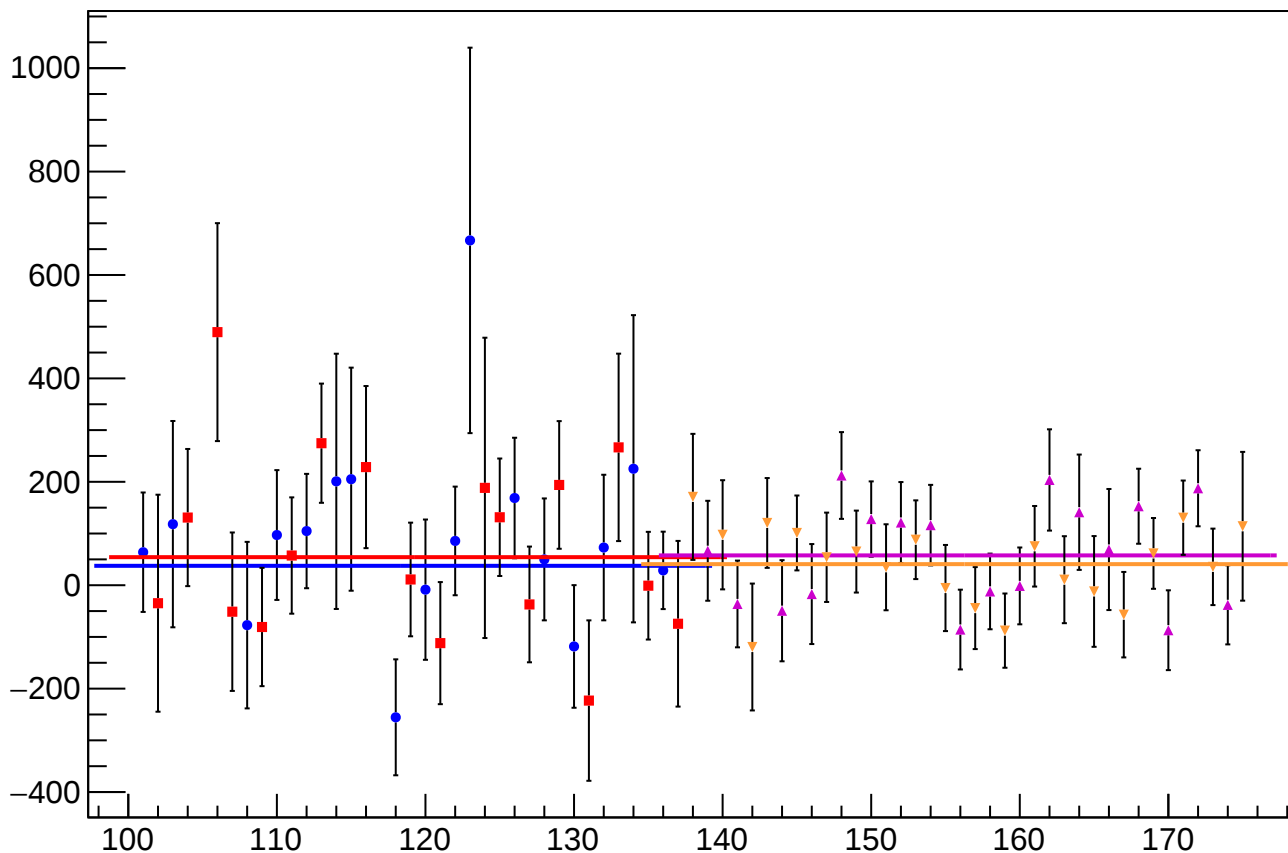
Right: 377.857 ± 0.075 $\chi^2/\text{NDF}: 1602884.1/34$

In: 196.304 ± 0.033 $\chi^2/\text{NDF}: 5153079.4/34$

Out: 199.027 ± 0.032 $\chi^2/\text{NDF}: 5555511.1/37$

All: 197.688 ± 0.023 $\chi^2/\text{NDF}: 10712148.0/72$

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 40.767 $\pm$ 18.791 χ^2 /NDF:13.7/19

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 57.685 $\pm$ 19.512 χ^2 /NDF:26.3/17

Left: 48.908 $\pm$ 13.535 χ^2 /NDF: 40.4/37

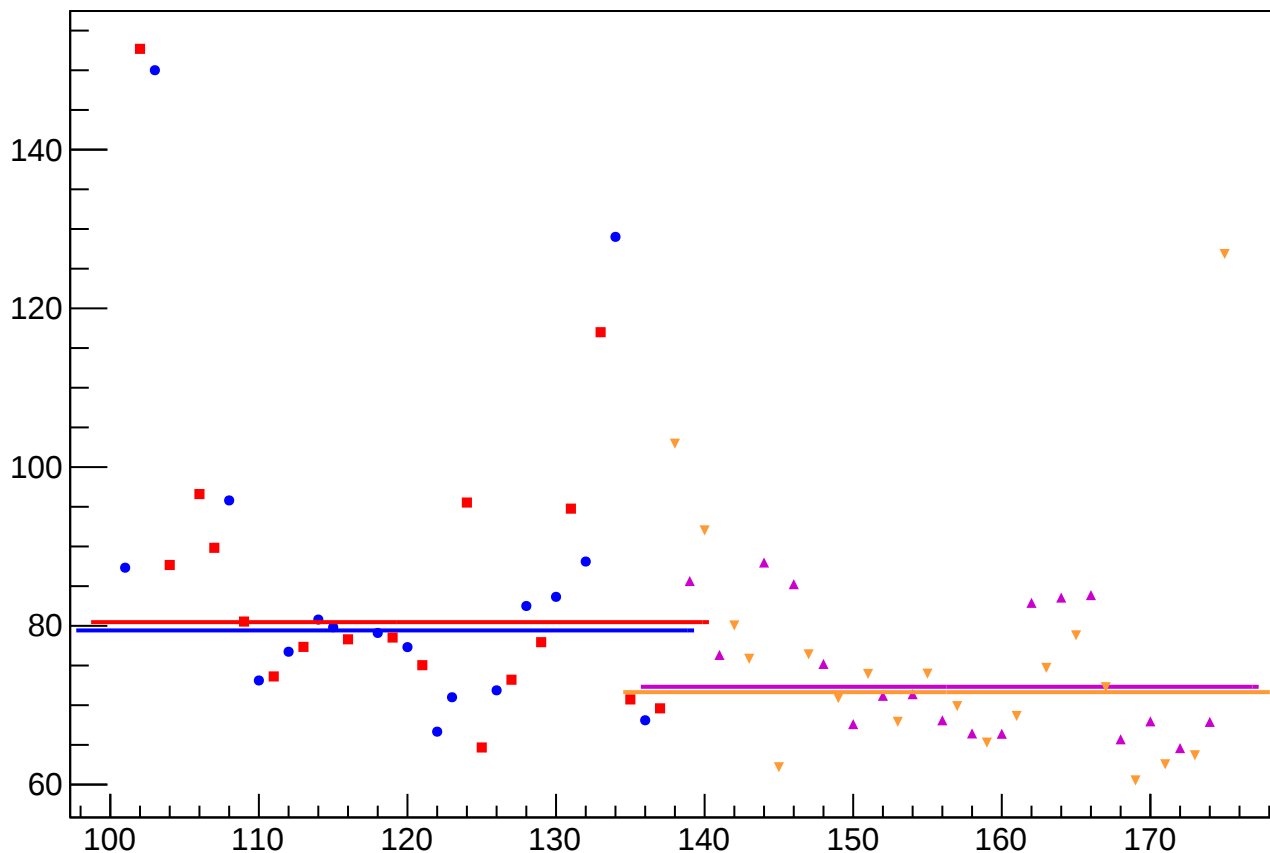
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 52.087 $\pm$ 16.582 χ^2 /NDF:42.4/34

Out: 44.314 $\pm$ 16.136 χ^2 /NDF:35.7/37

All: 48.095 $\pm$ 11.564 χ^2 /NDF: 78.2/72

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 71.645 $\pm$ 0.013 χ^2 /NDF: 702615.5/19

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 72.320 $\pm$ 0.014 χ^2 /NDF: 287498.6/17

Left: 71.970 $\pm$ 0.010 χ^2 /NDF: 991357.0/37

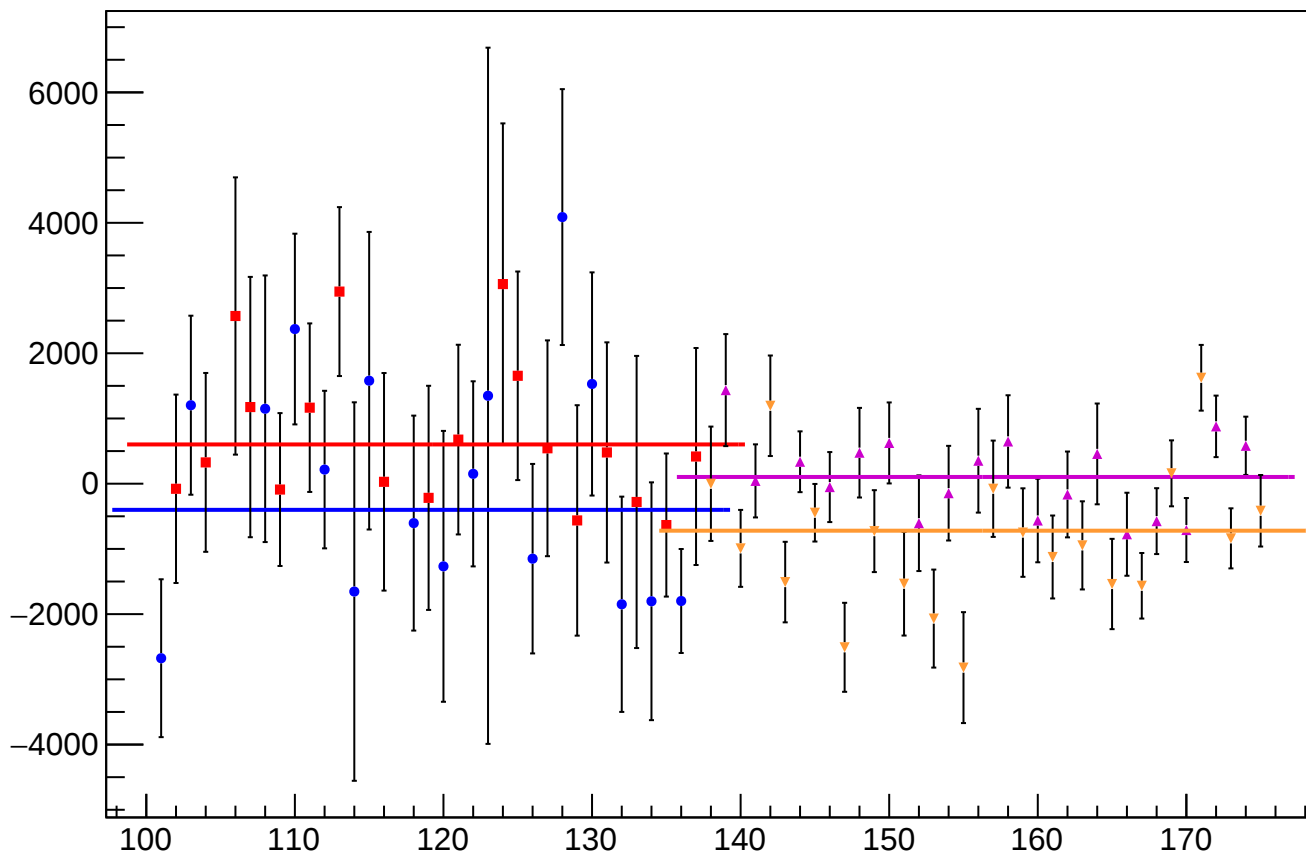
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 74.293 $\pm$ 0.012 χ^2 /NDF: 800132.3/34

Out: 73.961 $\pm$ 0.011 χ^2 /NDF: 1272705.6/37

All: 74.123 $\pm$ 0.008 χ^2 /NDF: 2073249.5/72

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: -720.619 $\pm$ 136.544 χ^2 /NDF:56.8/19

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 103.237 $\pm$ 139.855 χ^2 /NDF:17.3/17

Left: -318.557 $\pm$ 97.701 χ^2 /NDF: 91.9/37

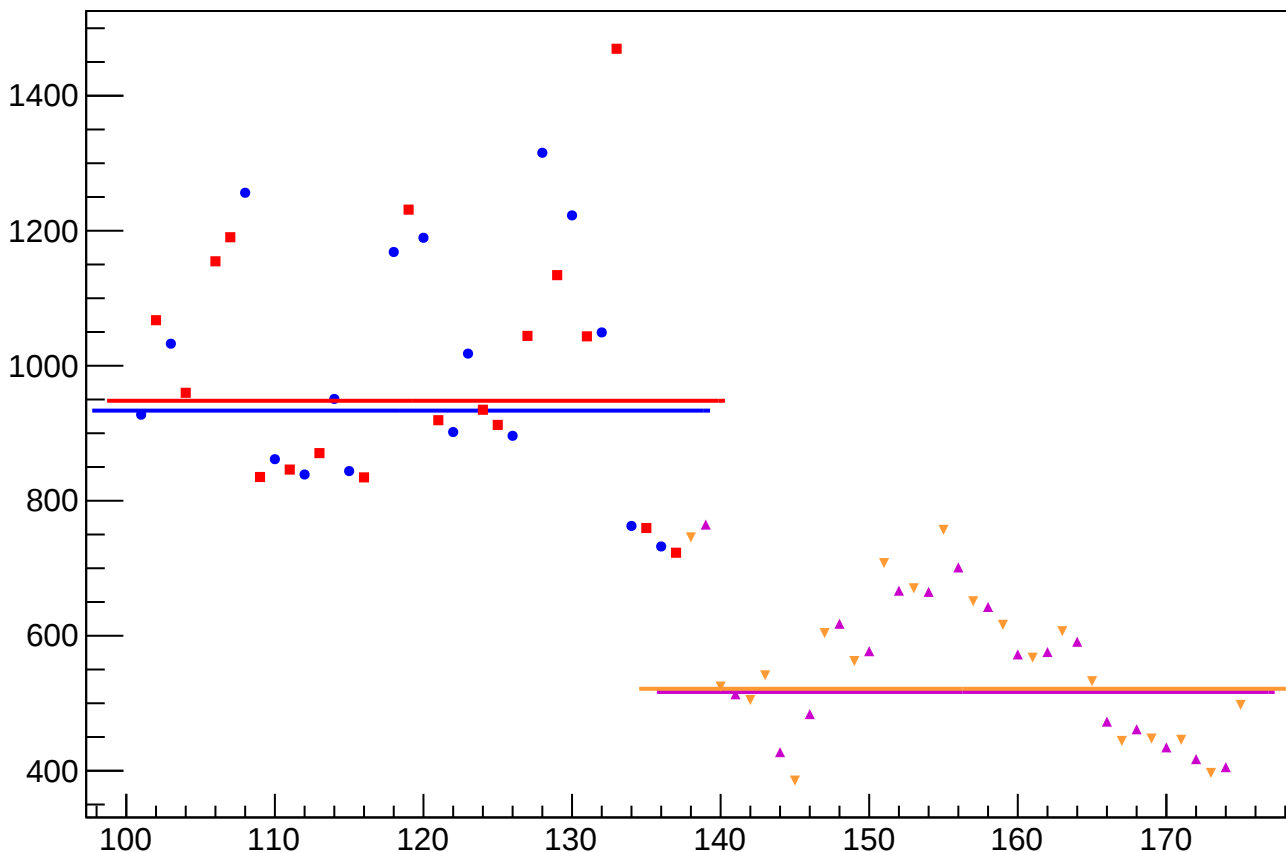
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 39.739 $\pm$ 130.754 χ^2 /NDF:40.8/34

Out: -557.216 $\pm$ 127.831 χ^2 /NDF:77.1/37

All: -265.485 $\pm$ 91.406 χ^2 /NDF: 128.6/72

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: 521.468 $\pm$ 0.097 χ^2 /NDF: 1131757.4/19

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 516.744 $\pm$ 0.099 χ^2 /NDF: 1000190.4/17

Left: 519.162 $\pm$ 0.069 χ^2 /NDF: 2133116.0/37

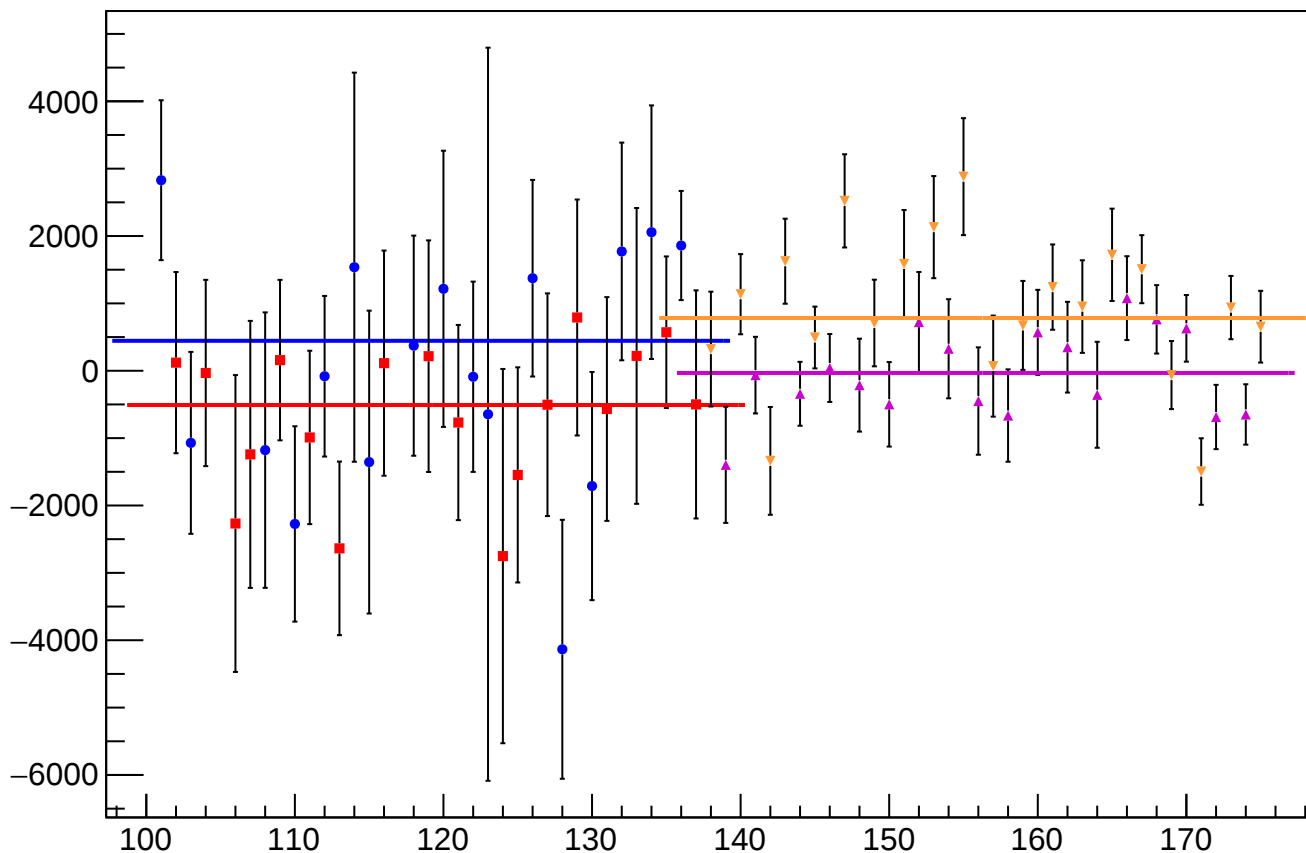
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 569.224 $\pm$ 0.092 χ^2 /NDF: 3679085.6/34

Out: 574.184 $\pm$ 0.090 χ^2 /NDF: 3949683.3/37

All: 571.760 $\pm$ 0.065 χ^2 /NDF: 7630240.7/72

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 783.537+/-137.381 χ^2/NDF :55.9/19

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -32.503+/-139.923 χ^2/NDF :18.6/17

Left: 382.996+/-98.030 χ^2/NDF : 91.8/37

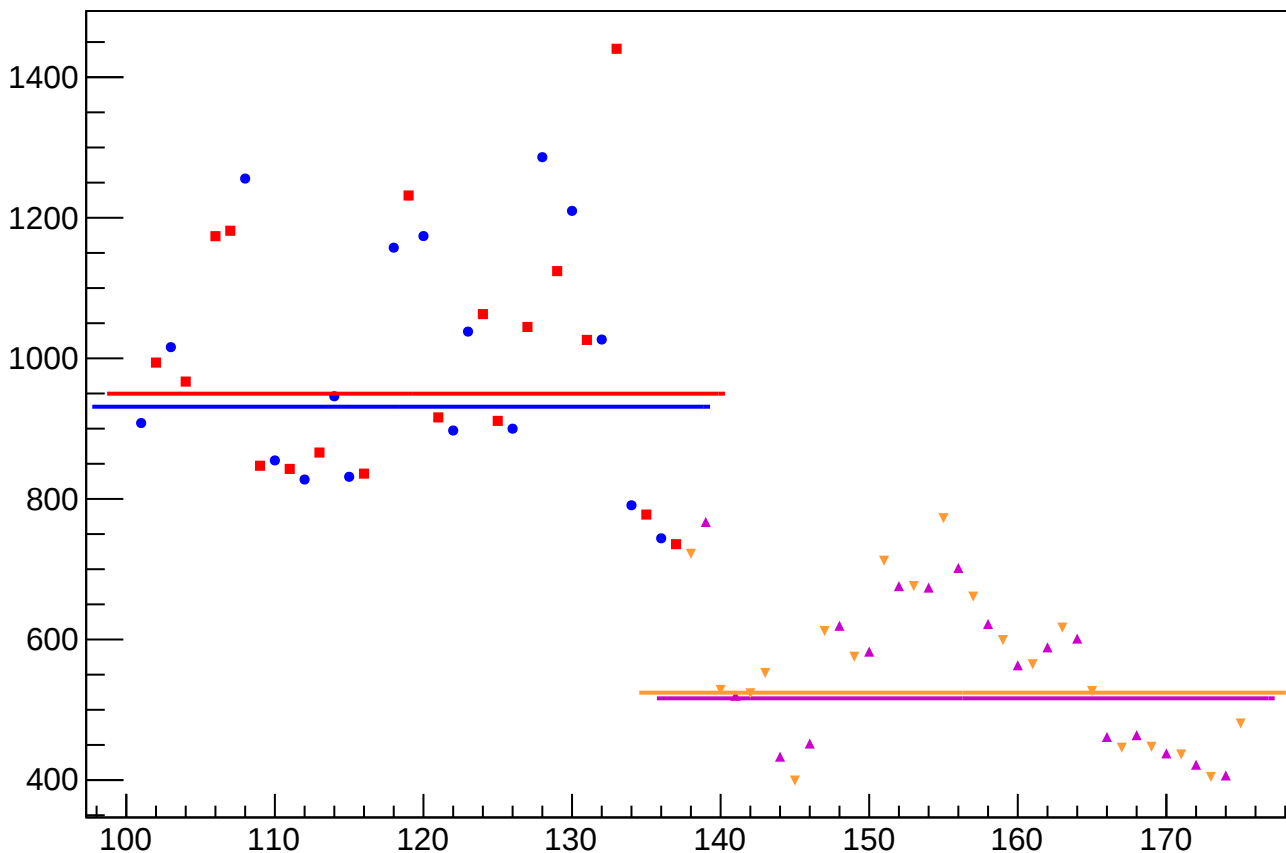
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 28.028+/-130.747 χ^2/NDF :43.0/34

Out: 622.560+/-128.536 χ^2/NDF :74.3/37

All: 330.363+/-91.661 χ^2/NDF : 127.7/72

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 524.330+/-0.097 χ^2/NDF : 1097110.0/19

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 516.305+/-0.099 χ^2/NDF : 1013350.1/17

Left: 520.391+/-0.069 χ^2/NDF : 2113809.9/37

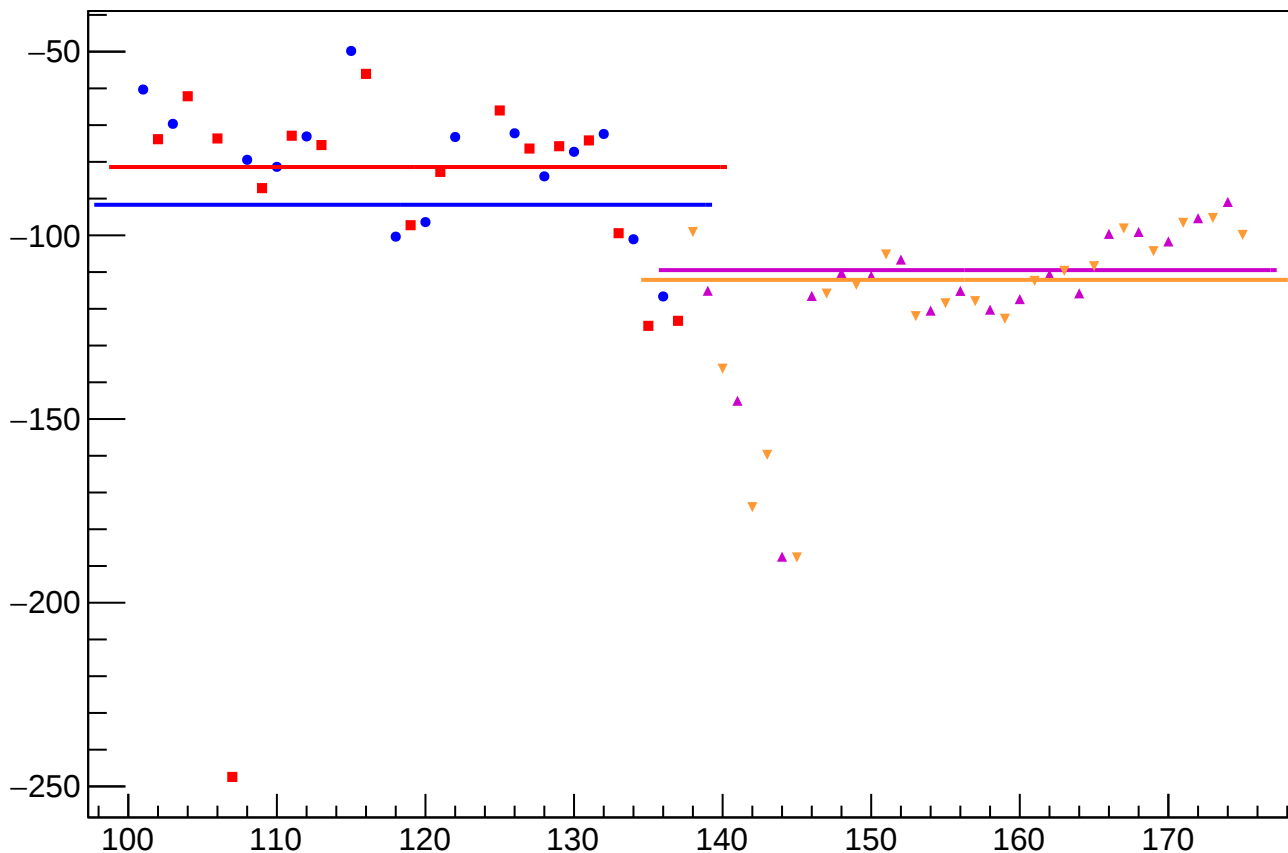
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 568.936+/-0.092 χ^2/NDF : 3644258.0/34

Out: 577.344+/-0.091 χ^2/NDF : 3852530.6/37

All: 573.211+/-0.065 χ^2/NDF : 7500994.8/72

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 $\pm$ 0.070 χ^2 /NDF: 64621.9/14

Left Out: -112.117 $\pm$ 0.060 χ^2 /NDF: 51738.9/19

Right Out: -81.406 $\pm$ 0.098 χ^2 /NDF: 41708.8/16

Left In: -109.466 $\pm$ 0.053 χ^2 /NDF: 99894.9/17

Left: -110.625 $\pm$ 0.039 χ^2 /NDF: 152749.4/37

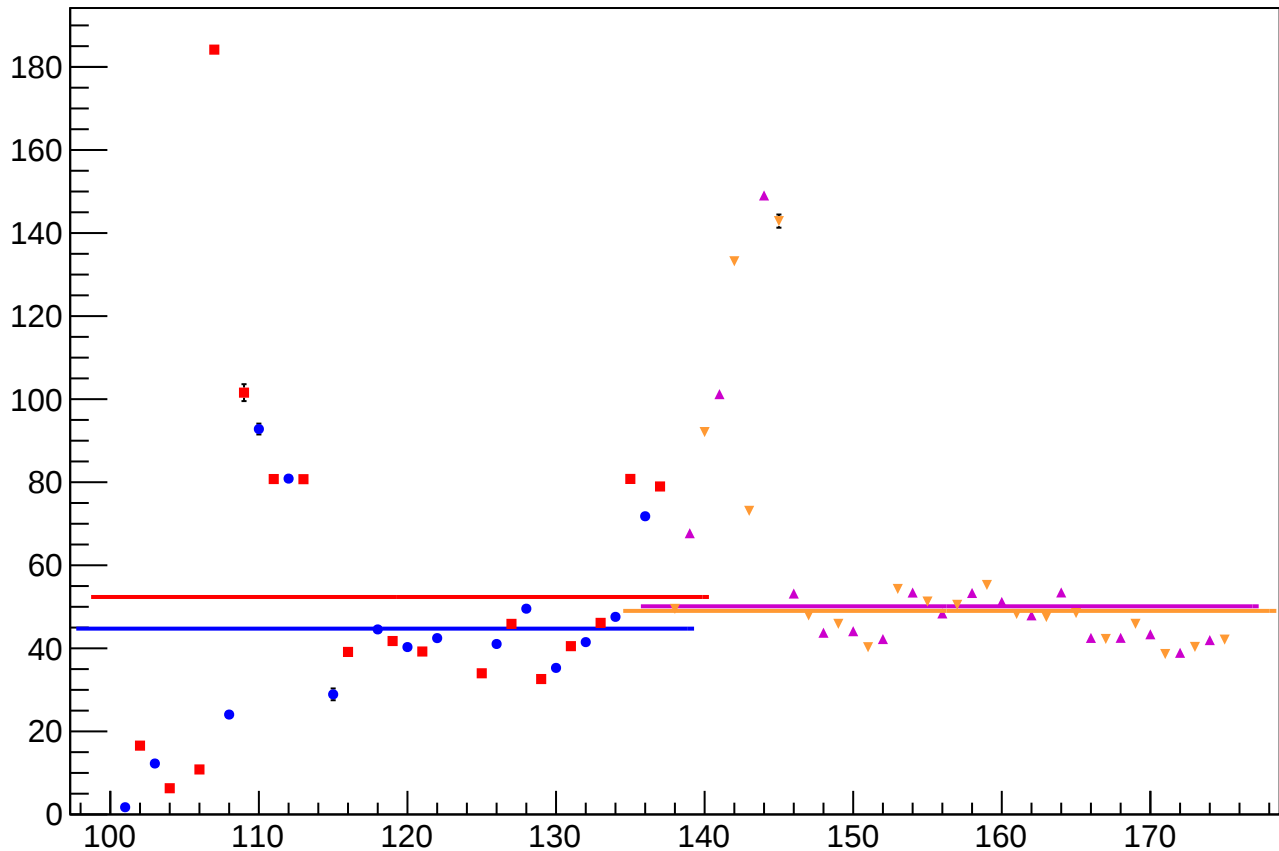
Right: -88.221 $\pm$ 0.057 χ^2 /NDF: 113551.1/31

In: -103.078 $\pm$ 0.042 χ^2 /NDF: 205734.4/32

Out: -103.894 $\pm$ 0.051 χ^2 /NDF: 164677.5/36

All: -103.408 $\pm$ 0.032 χ^2 /NDF: 370564.7/69

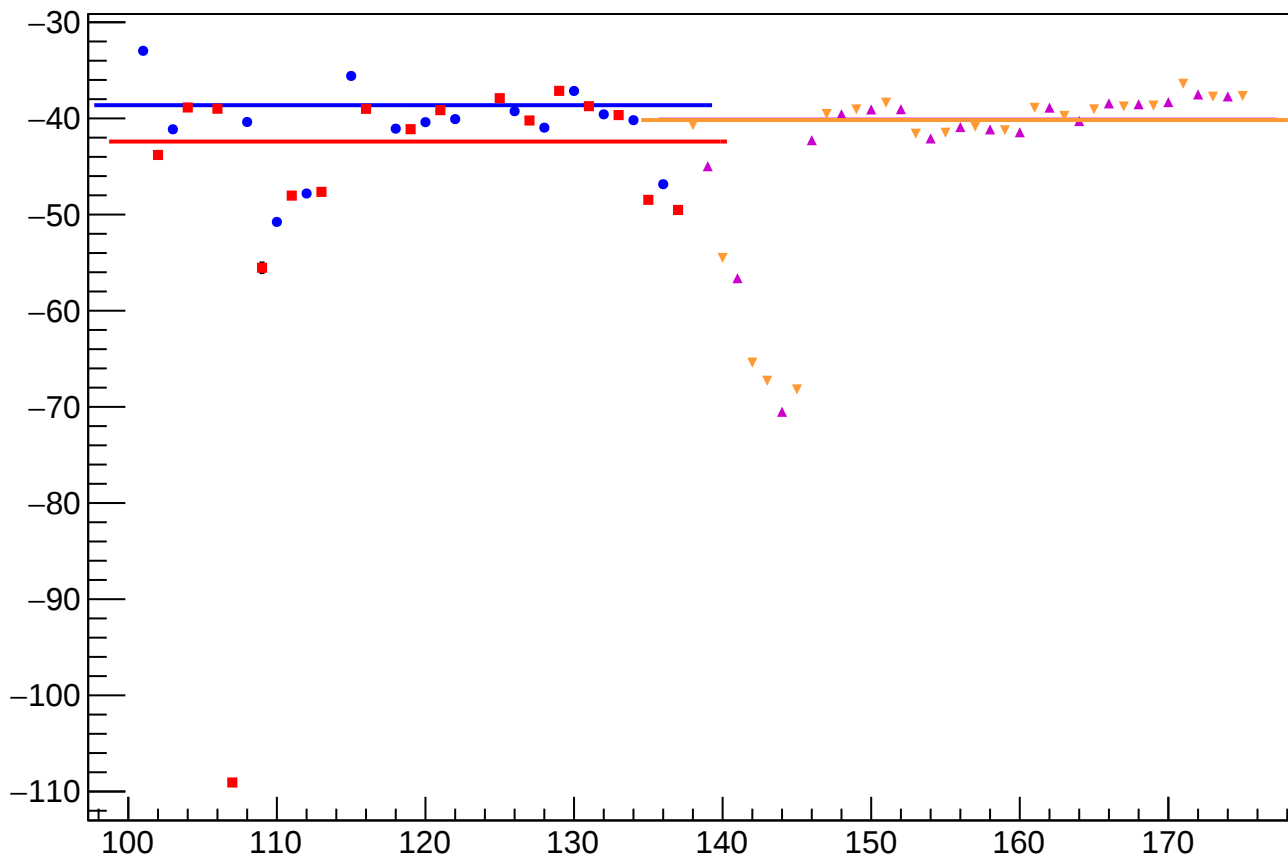
dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14
 Left Out: 49.018 $\pm$ 0.049 χ^2/NDF :54906.0/19
 Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16
 Left In: 50.123 $\pm$ 0.046 χ^2/NDF :133580.9/17

Left: 49.607 $\pm$ 0.034 χ^2/NDF : 188757.7/37
 Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31
 In: 48.160 $\pm$ 0.037 χ^2/NDF :223285.9/32
 Out: 49.552 $\pm$ 0.045 χ^2/NDF :124935.2/36
 All: 48.715 $\pm$ 0.028 χ^2/NDF : 348797.3/69

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.170 ± 0.007 $\chi^2/\text{NDF}: 235352.9/19$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.126 ± 0.008 $\chi^2/\text{NDF}: 181169.4/17$

Left: -40.150 ± 0.005 $\chi^2/\text{NDF}: 416539.0/37$

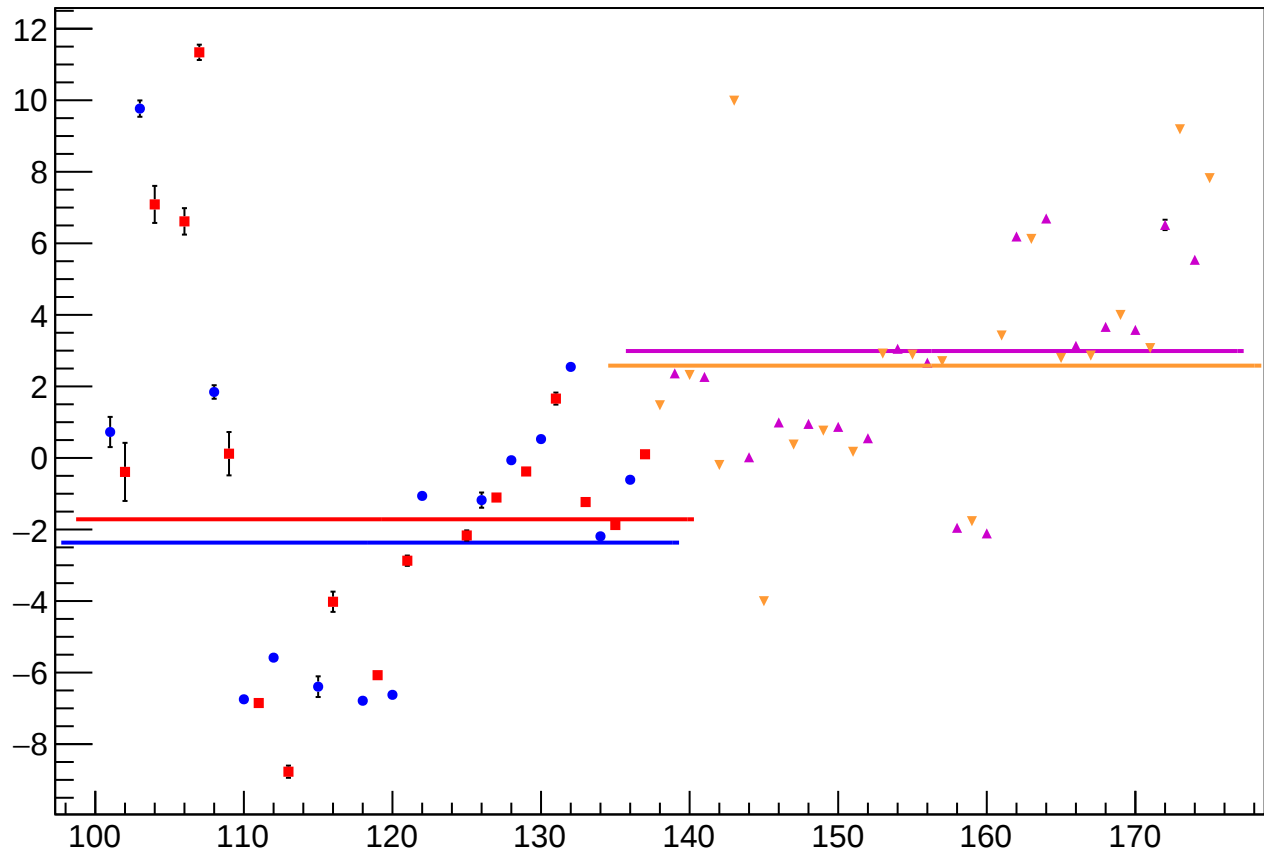
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.406 ± 0.006 $\chi^2/\text{NDF}: 438426.4/32$

Out: -40.407 ± 0.007 $\chi^2/\text{NDF}: 514355.1/36$

All: -39.812 ± 0.004 $\chi^2/\text{NDF}: 965179.3/69$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.581 ± 0.008 χ^2/NDF : 104308.1/19

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.989 ± 0.007 χ^2/NDF : 153518.9/17

Left: 2.825 ± 0.005 χ^2/NDF : 259383.0/37

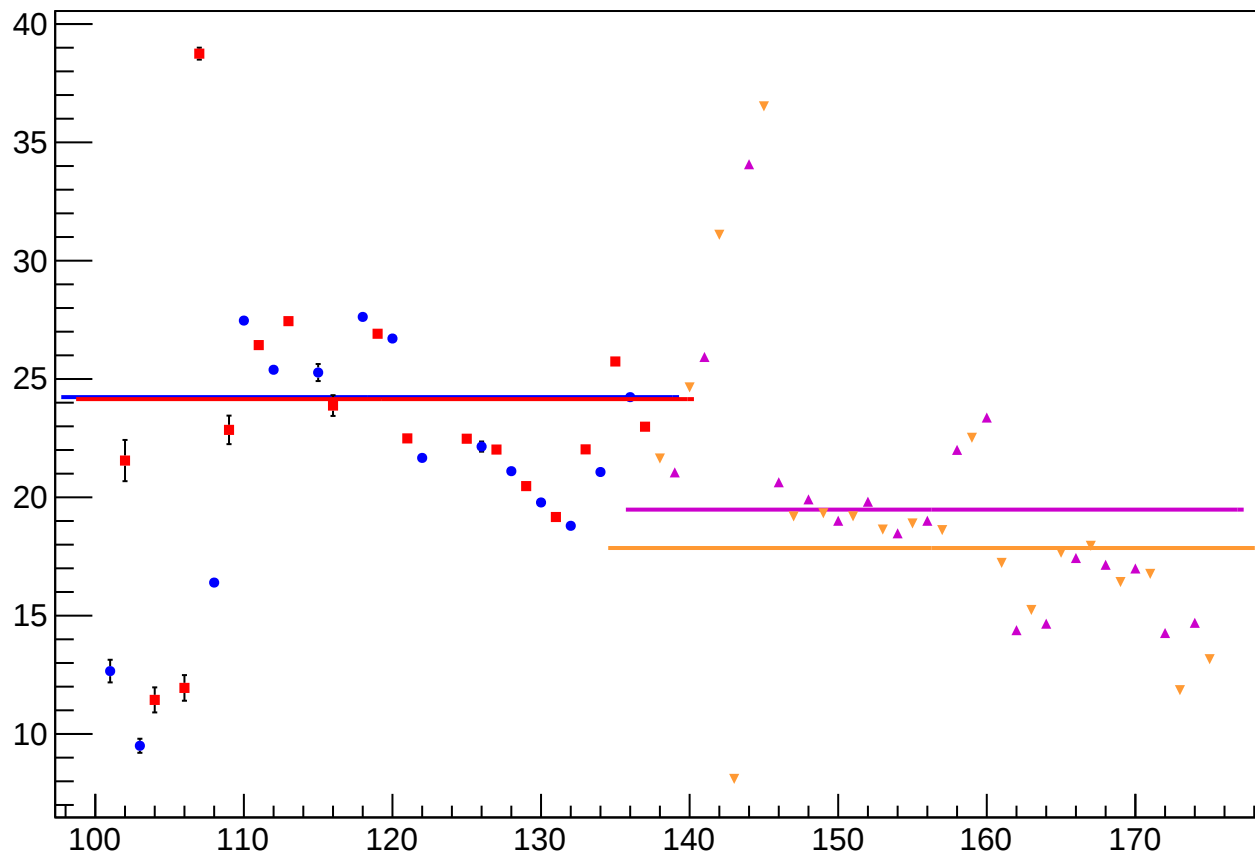
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.032 ± 0.006 χ^2/NDF : 301271.9/32

Out: 2.234 ± 0.008 χ^2/NDF : 140311.3/36

All: 2.108 ± 0.005 χ^2/NDF : 442014.2/69

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 17.858+/-0.008 χ^2/NDF : 114460.9/19

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.481+/-0.008 χ^2/NDF : 117128.6/17

Left: 18.684+/-0.006 χ^2/NDF : 252041.4/37

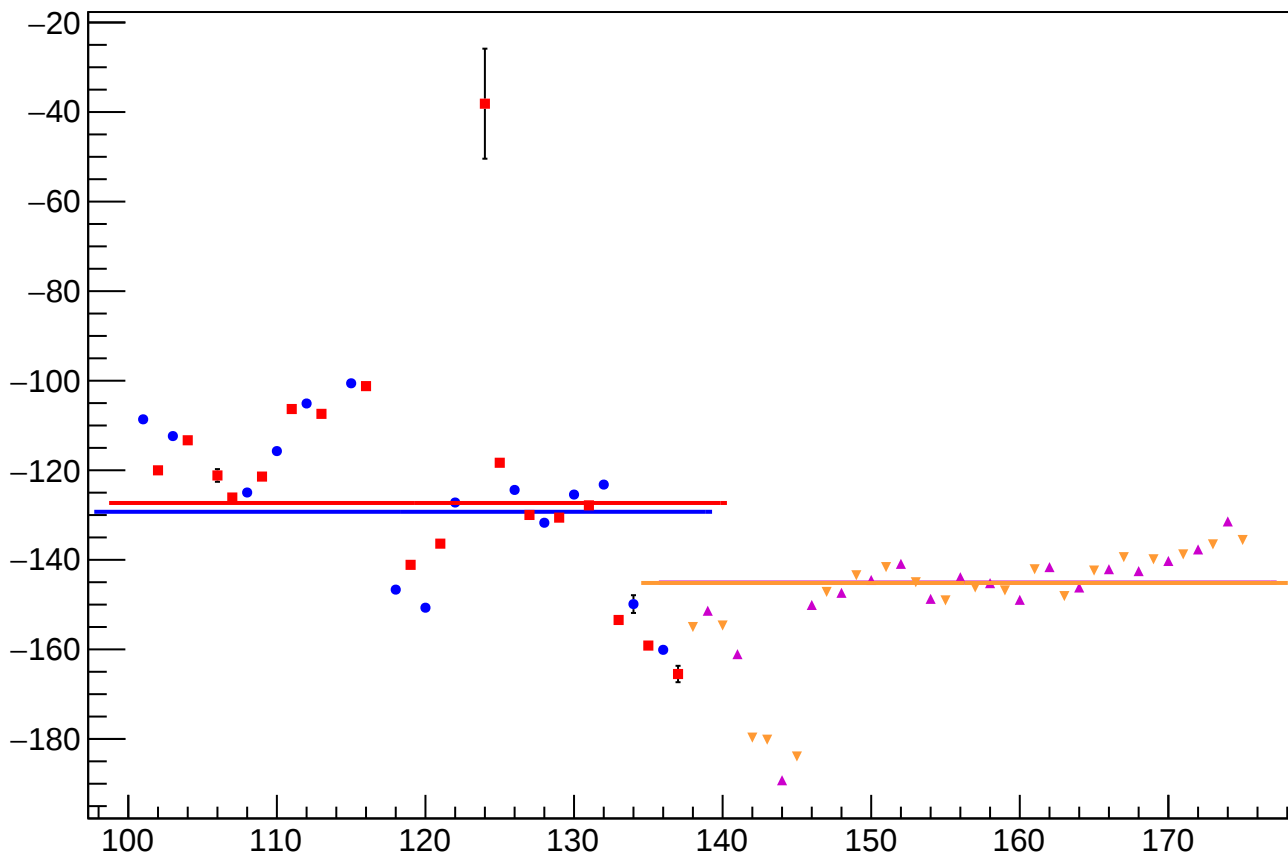
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 20.028+/-0.007 χ^2/NDF : 180265.4/32

Out: 18.483+/-0.008 χ^2/NDF : 187707.4/36

All: 19.277+/-0.005 χ^2/NDF : 388748.2/69

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -145.163 ± 0.048 χ^2/NDF : 41269.8/19

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -145.064 ± 0.049 χ^2/NDF : 32161.0/17

Left: -145.115 ± 0.035 χ^2/NDF : 73432.8/37

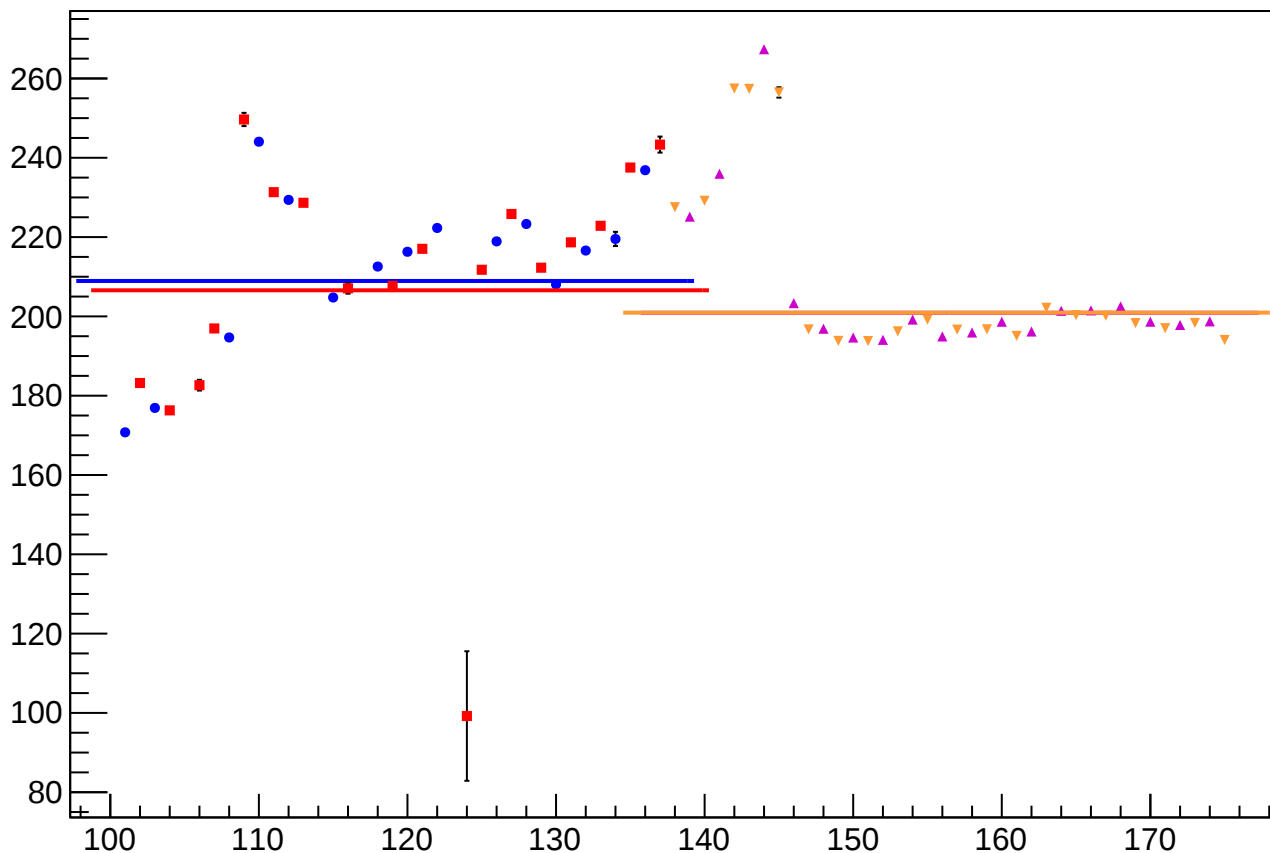
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.259 ± 0.043 χ^2/NDF : 91839.6/32

Out: -140.742 ± 0.042 χ^2/NDF : 104628.4/37

All: -140.993 ± 0.030 χ^2/NDF : 196542.0/70

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.946 $\pm$ 0.041 χ^2 /NDF:107485.6/19

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.908 $\pm$ 0.043 χ^2 /NDF:76921.3/17

Left: 200.928 $\pm$ 0.030 χ^2 /NDF: 184407.3/37

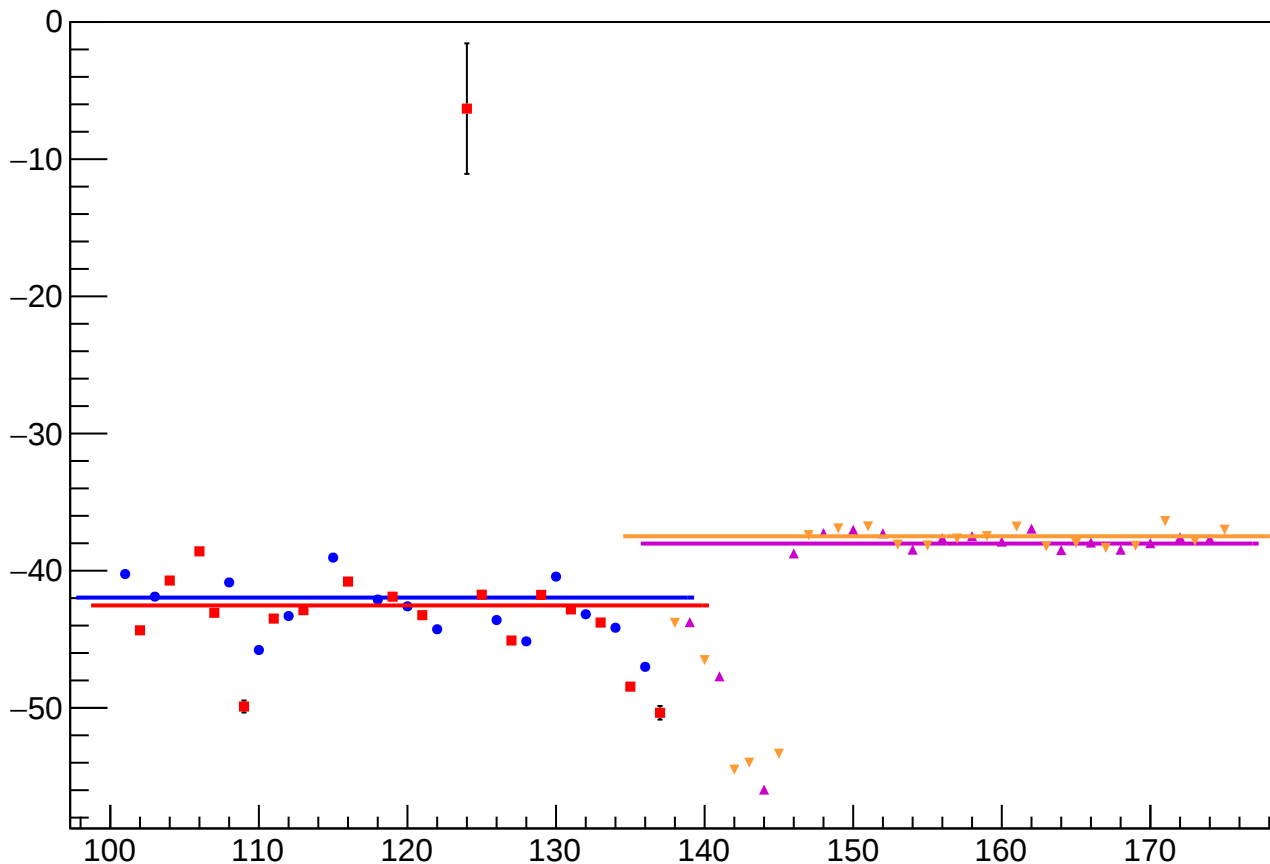
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.420 $\pm$ 0.039 χ^2 /NDF:128175.7/32

Out: 202.037 $\pm$ 0.037 χ^2 /NDF:159396.4/37

All: 202.218 $\pm$ 0.027 χ^2 /NDF: 287624.0/70

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959+/-0.016 χ^2/NDF : 24229.7/14

Left Out: -37.491+/-0.004 χ^2/NDF : 227993.2/19

Right Out: -42.532+/-0.021 χ^2/NDF : 6137.0/17

Left In: -38.021+/-0.005 χ^2/NDF : 134011.0/17

Left: -37.713+/-0.003 χ^2/NDF : 369474.5/37

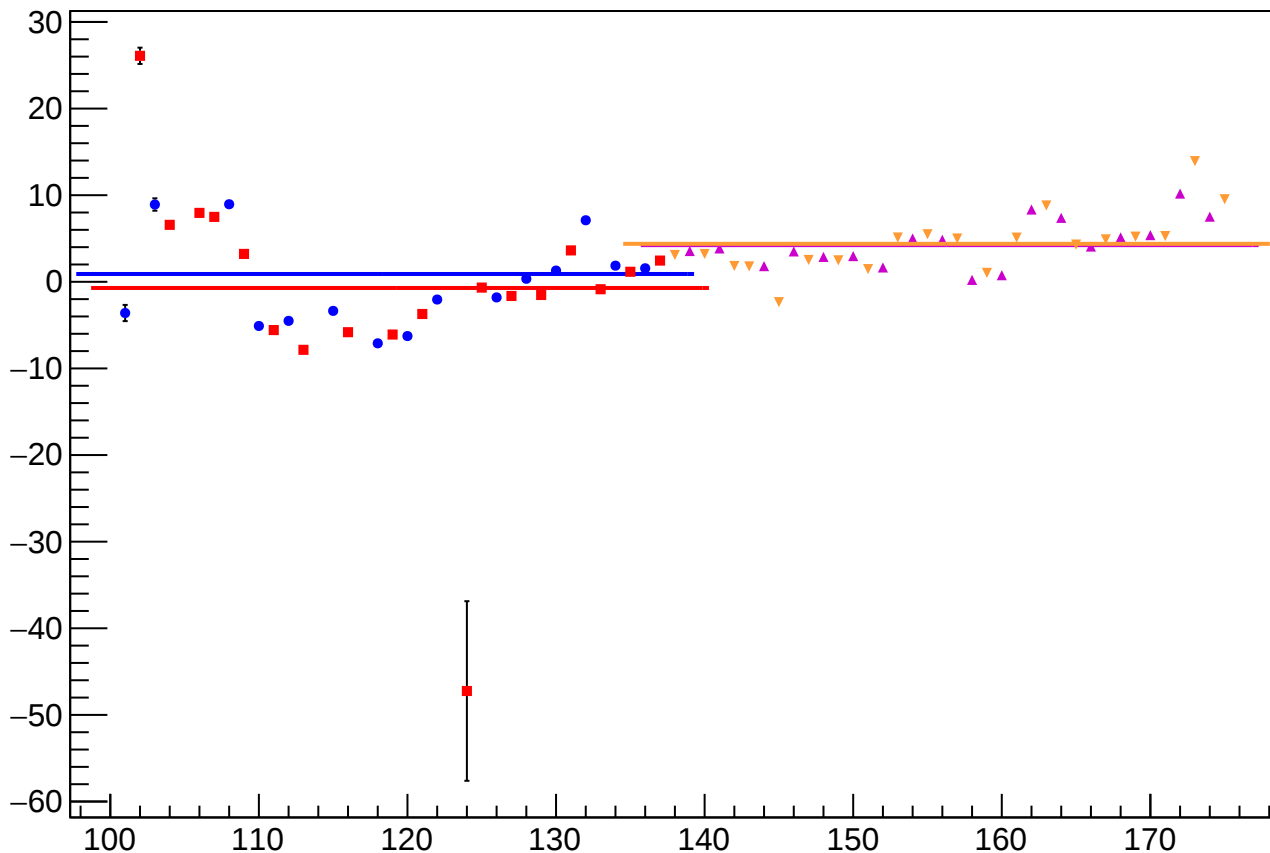
Right: -42.168+/-0.012 χ^2/NDF : 30855.6/32

In: -38.346+/-0.004 χ^2/NDF : 216663.2/32

Out: -37.671+/-0.004 χ^2/NDF : 291576.2/37

All: -37.962+/-0.003 χ^2/NDF : 521146.0/70

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 4.385 ± 0.006 χ^2/NDF : 124175.3/19

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 4.234 ± 0.007 χ^2/NDF : 90043.7/17

Left: 4.321 ± 0.005 χ^2/NDF : 214459.9/37

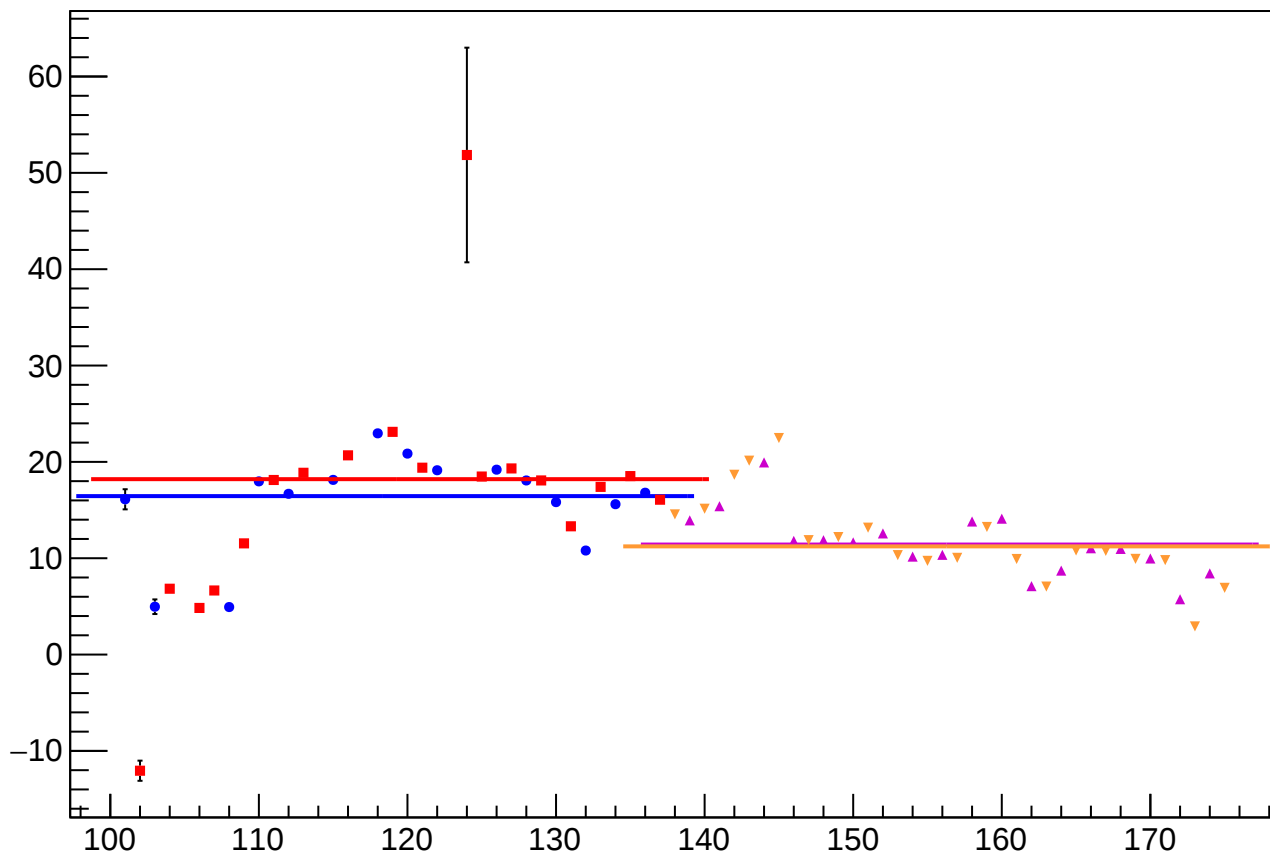
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 3.832 ± 0.007 χ^2/NDF : 135467.1/32

Out: 4.061 ± 0.006 χ^2/NDF : 196083.5/37

All: 3.961 ± 0.005 χ^2/NDF : 332160.7/70

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 11.230 $\pm$ 0.008 χ^2/NDF :113884.3/19

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 11.419 $\pm$ 0.009 χ^2/NDF :63464.9/17

Left: 11.315 $\pm$ 0.006 χ^2/NDF : 177584.4/37

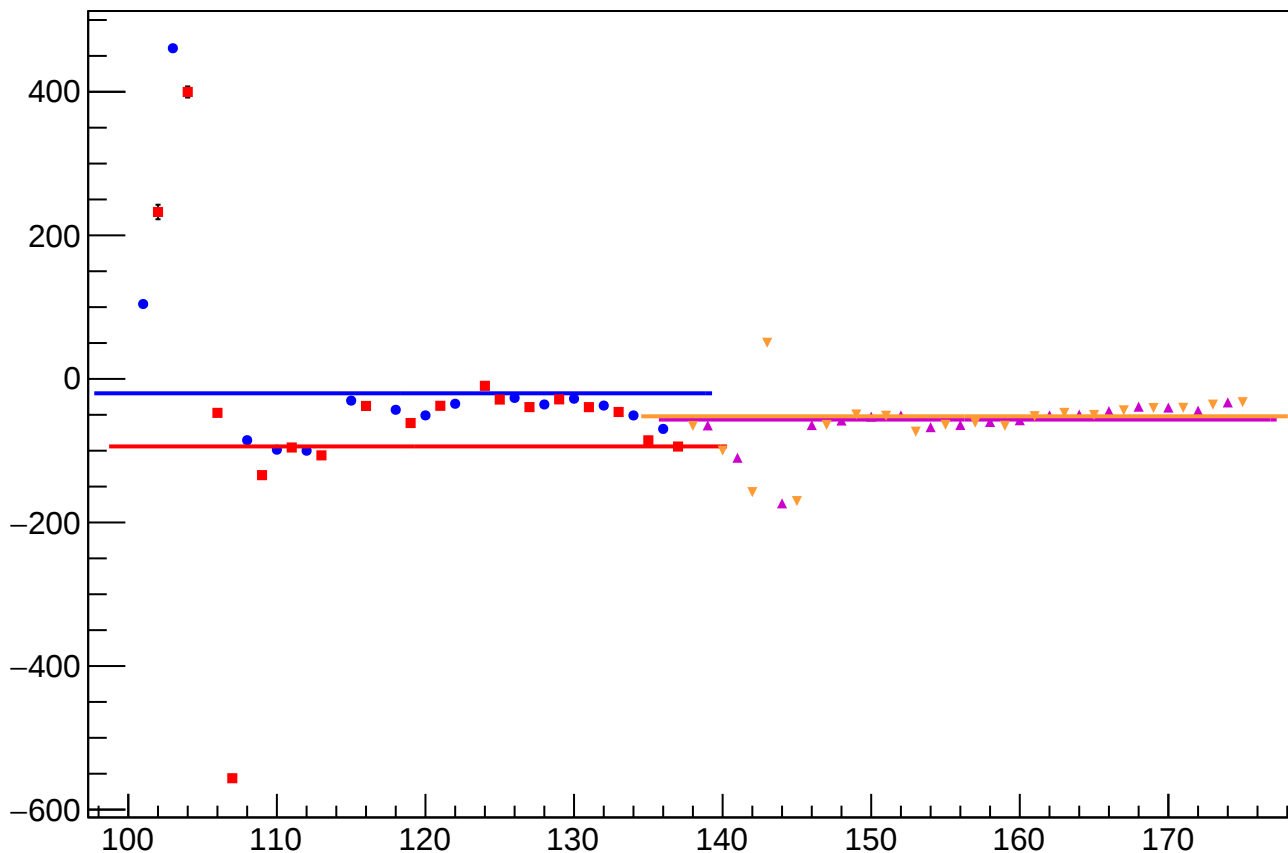
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 12.040 $\pm$ 0.009 χ^2/NDF :114842.7/32

Out: 12.212 $\pm$ 0.008 χ^2/NDF :241563.8/37

All: 12.136 $\pm$ 0.006 χ^2/NDF : 356630.7/70

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -52.101 ± 0.095 $\chi^2/\text{NDF}: 55525.4/19$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -56.619 ± 0.110 $\chi^2/\text{NDF}: 54564.7/17$

Left: -54.041 ± 0.072 $\chi^2/\text{NDF}: 111052.0/37$

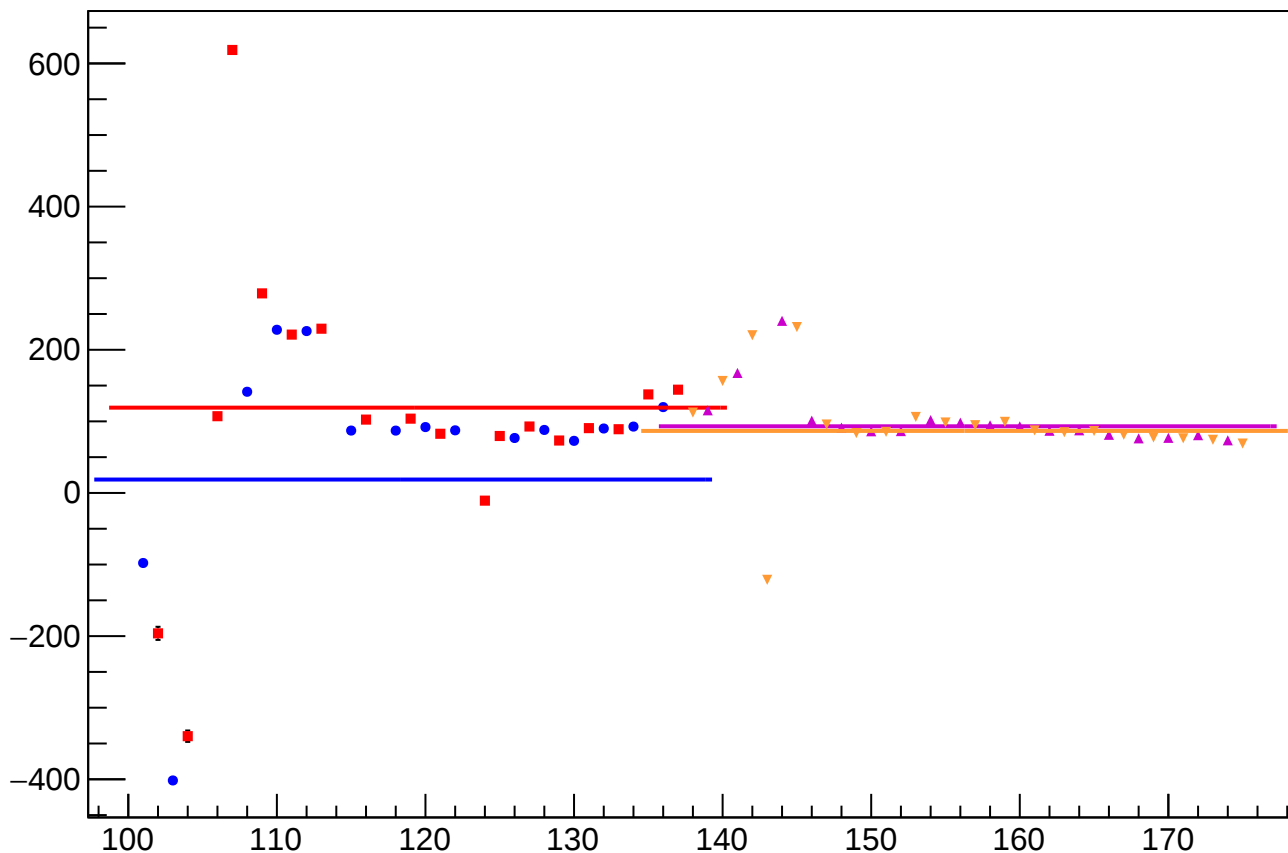
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.173 ± 0.089 $\chi^2/\text{NDF}: 533615.3/32$

Out: -93.350 ± 0.012 $\chi^2/\text{NDF}: 332881.8/37$

All: -92.432 ± 0.012 $\chi^2/\text{NDF}: 1163729.4/70$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 86.667+/-0.085 χ^2/NDF :173653.5/19

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 93.123+/-0.096 χ^2/NDF :75273.8/17

Left: 89.483+/-0.064 χ^2/NDF : 251464.7/37

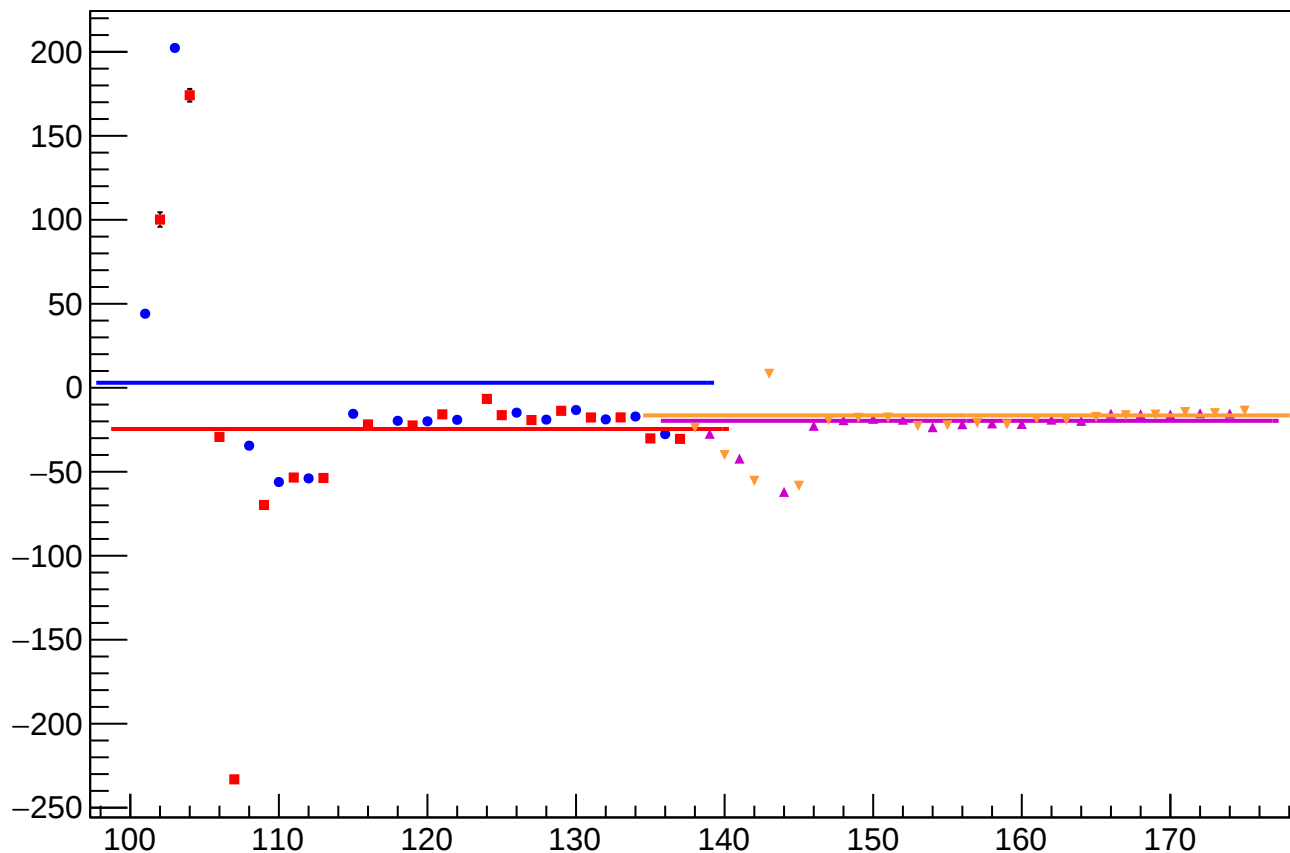
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.855+/-0.081 χ^2/NDF :1347955.2/32

Out: 91.635+/-0.078 χ^2/NDF :283641.4/37

All: 82.169+/-0.056 χ^2/NDF : 1662453.0/70

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.451 ± 0.012 $\chi^2/\text{NDF}: 574784.0/19$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.674 ± 0.014 $\chi^2/\text{NDF}: 163618.2/17$

Left: -17.874 ± 0.009 $\chi^2/\text{NDF}: 767815.5/37$

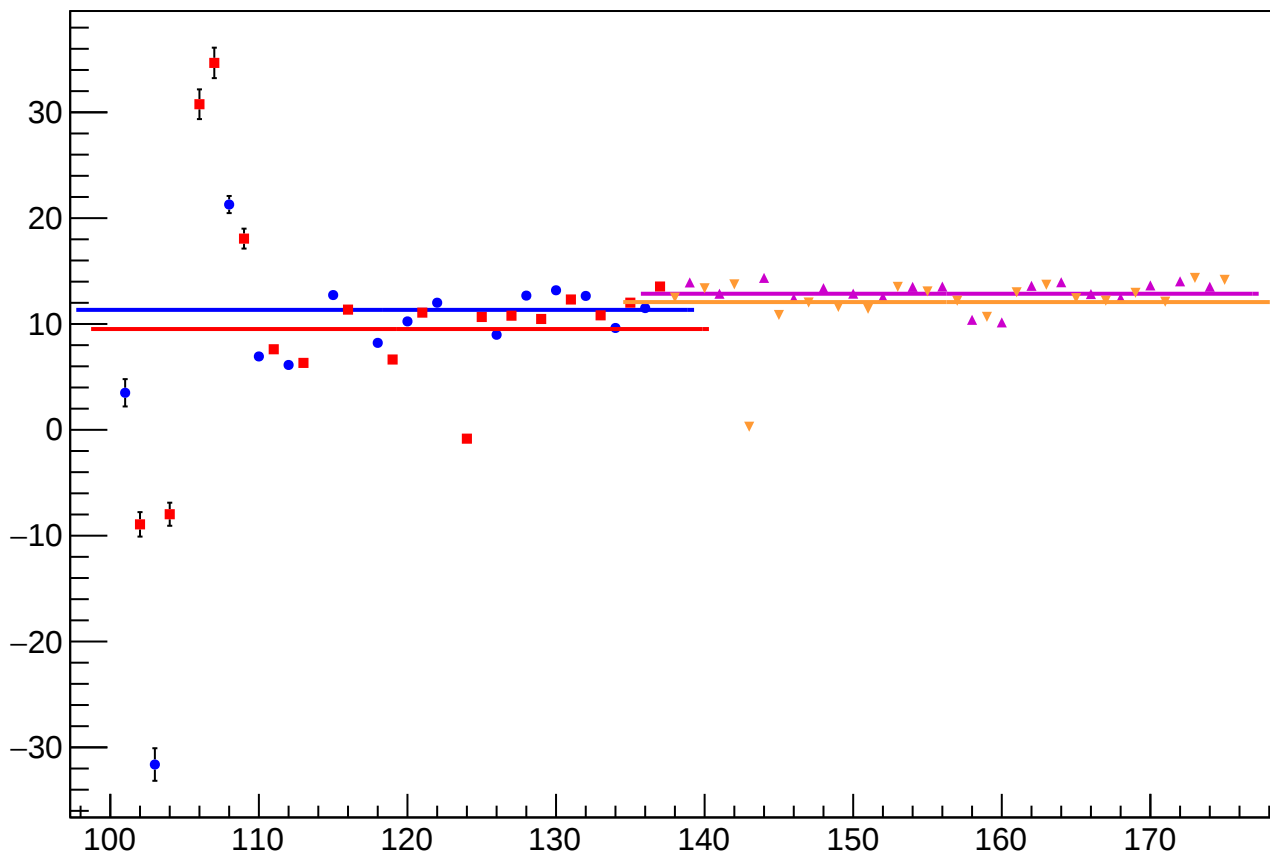
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.815 ± 0.012 $\chi^2/\text{NDF}: 4218662.4/32$

Out: -17.063 ± 0.012 $\chi^2/\text{NDF}: 782990.4/37$

All: -15.980 ± 0.009 $\chi^2/\text{NDF}: 5018555.1/70$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.071 $\pm$ 0.015 χ^2 /NDF:32625.7/19

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.858 $\pm$ 0.013 χ^2 /NDF:5753.7/17

Left: 12.512 $\pm$ 0.010 χ^2 /NDF: 39913.2/37

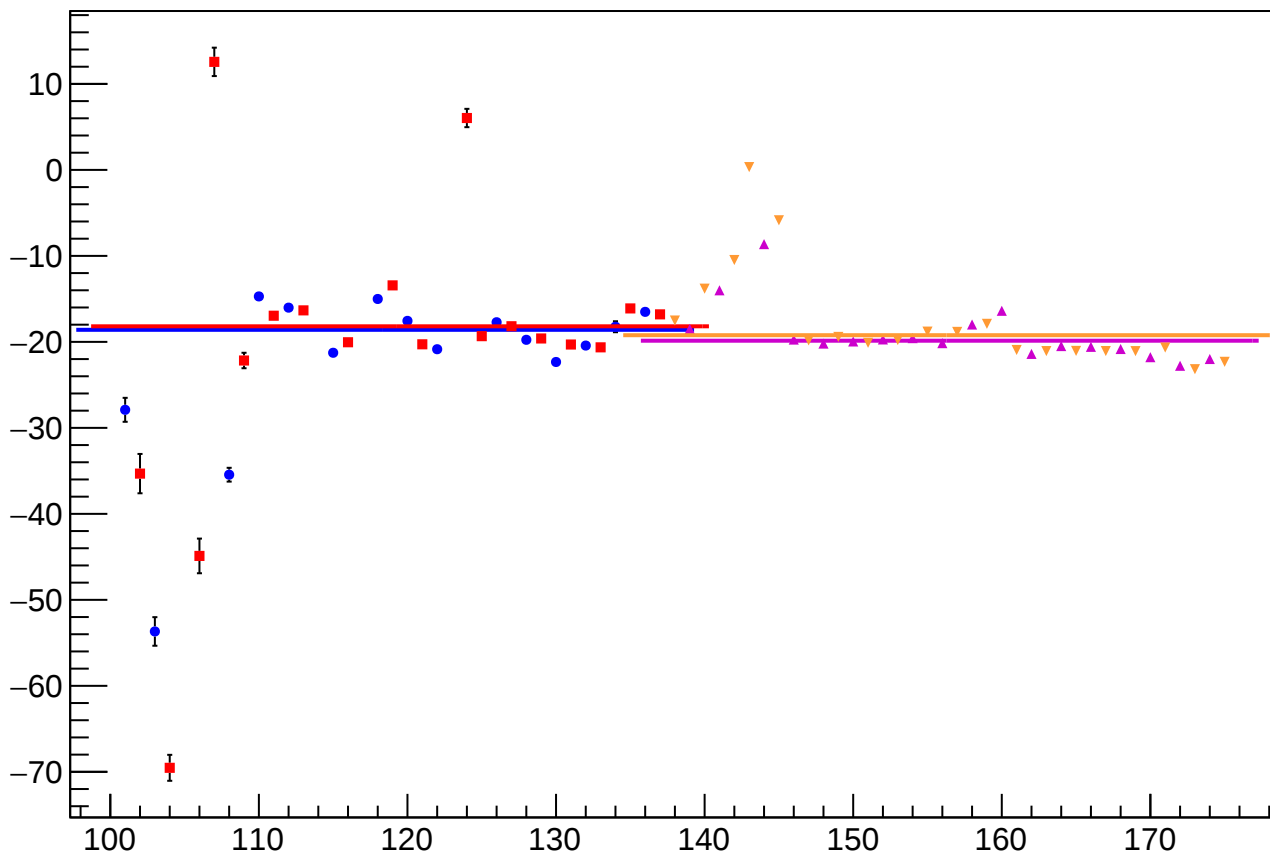
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.686 $\pm$ 0.013 χ^2 /NDF:9635.0/32

Out: 11.843 $\pm$ 0.014 χ^2 /NDF:39255.0/37

All: 12.320 $\pm$ 0.009 χ^2 /NDF: 50842.1/70

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.224 ± 0.017 $\chi^2/\text{NDF}: 60417.1/19$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.864 ± 0.017 $\chi^2/\text{NDF}: 13988.7/17$

Left: -19.548 ± 0.012 $\chi^2/\text{NDF}: 75144.3/37$

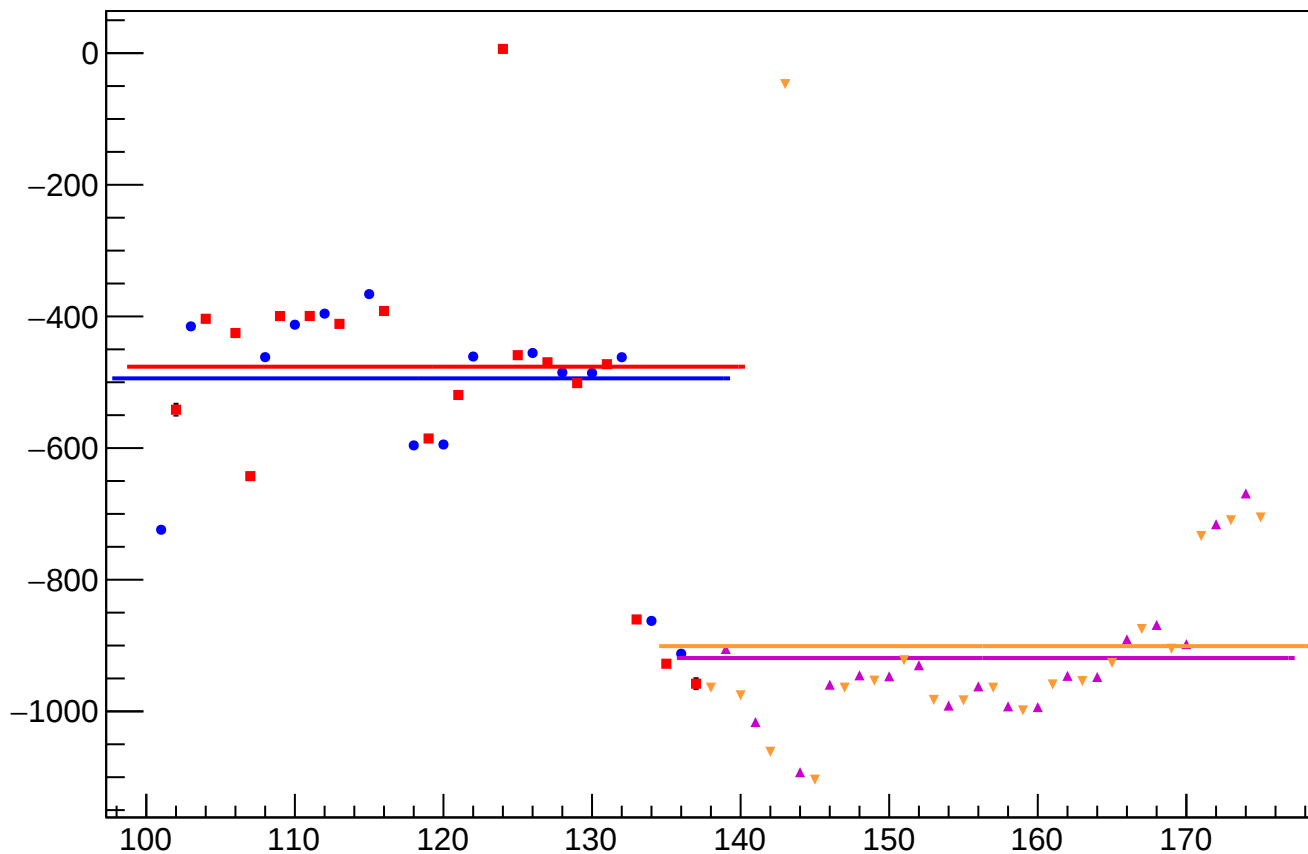
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.654 ± 0.015 $\chi^2/\text{NDF}: 21148.3/32$

Out: -19.117 ± 0.016 $\chi^2/\text{NDF}: 65690.7/37$

All: -19.399 ± 0.011 $\chi^2/\text{NDF}: 87438.5/70$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -900.883 ± 0.164 $\chi^2/\text{NDF}: 619053.3/19$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -918.974 ± 0.165 $\chi^2/\text{NDF}: 386961.4/17$

Left: -909.852 ± 0.116 $\chi^2/\text{NDF}: 1012081.7/37$

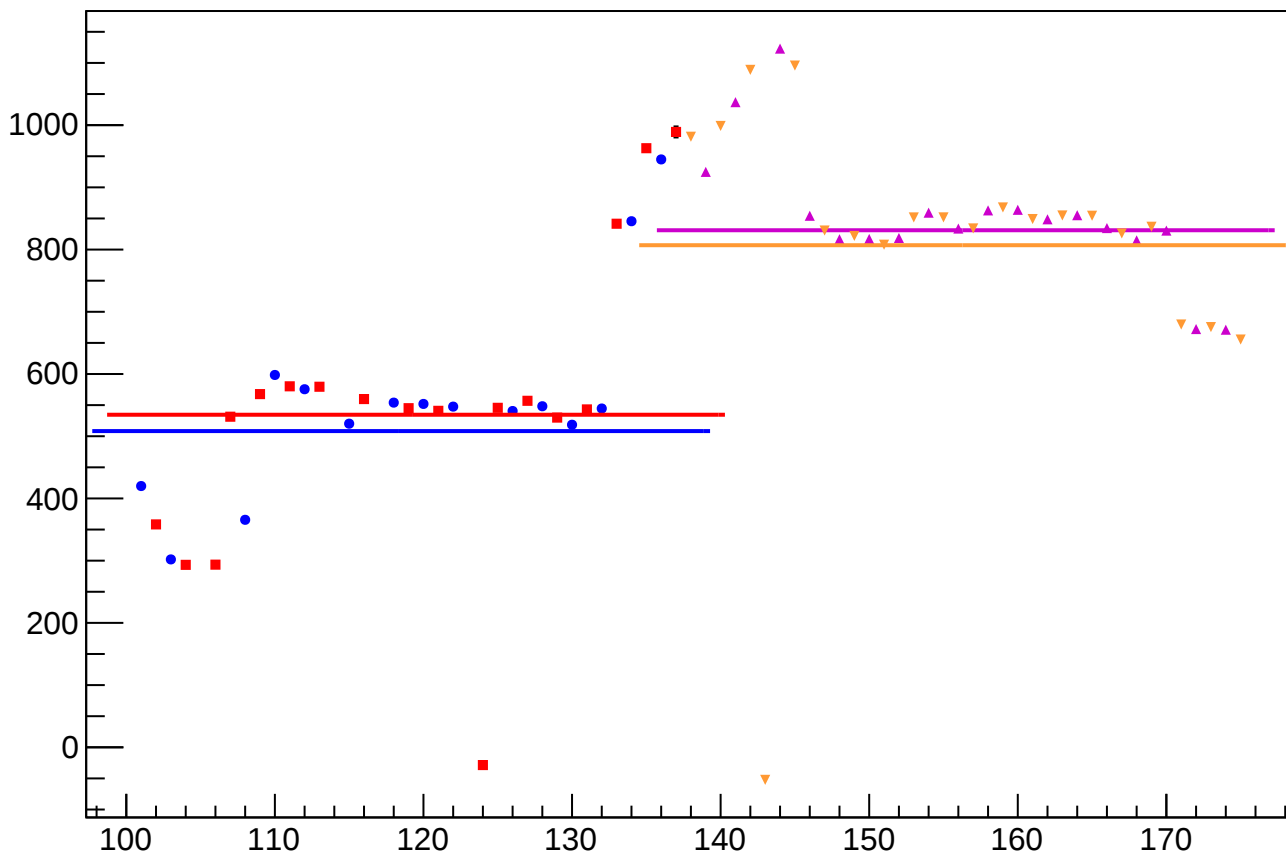
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -776.407 ± 0.134 $\chi^2/\text{NDF}: 2939787.7/32$

Out: -714.796 ± 0.123 $\chi^2/\text{NDF}: 4166840.6/37$

All: -742.760 ± 0.091 $\chi^2/\text{NDF}: 7221314.8/70$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 +/- 0.222 χ^2/NDF : 439489.9/14

Left Out: 807.013 +/- 0.132 χ^2/NDF : 658279.0/19

Right Out: 534.536 +/- 0.217 χ^2/NDF : 368263.1/17

Left In: 831.063 +/- 0.137 χ^2/NDF : 282203.3/17

Left: 818.631 +/- 0.095 χ^2/NDF : 956477.7/37

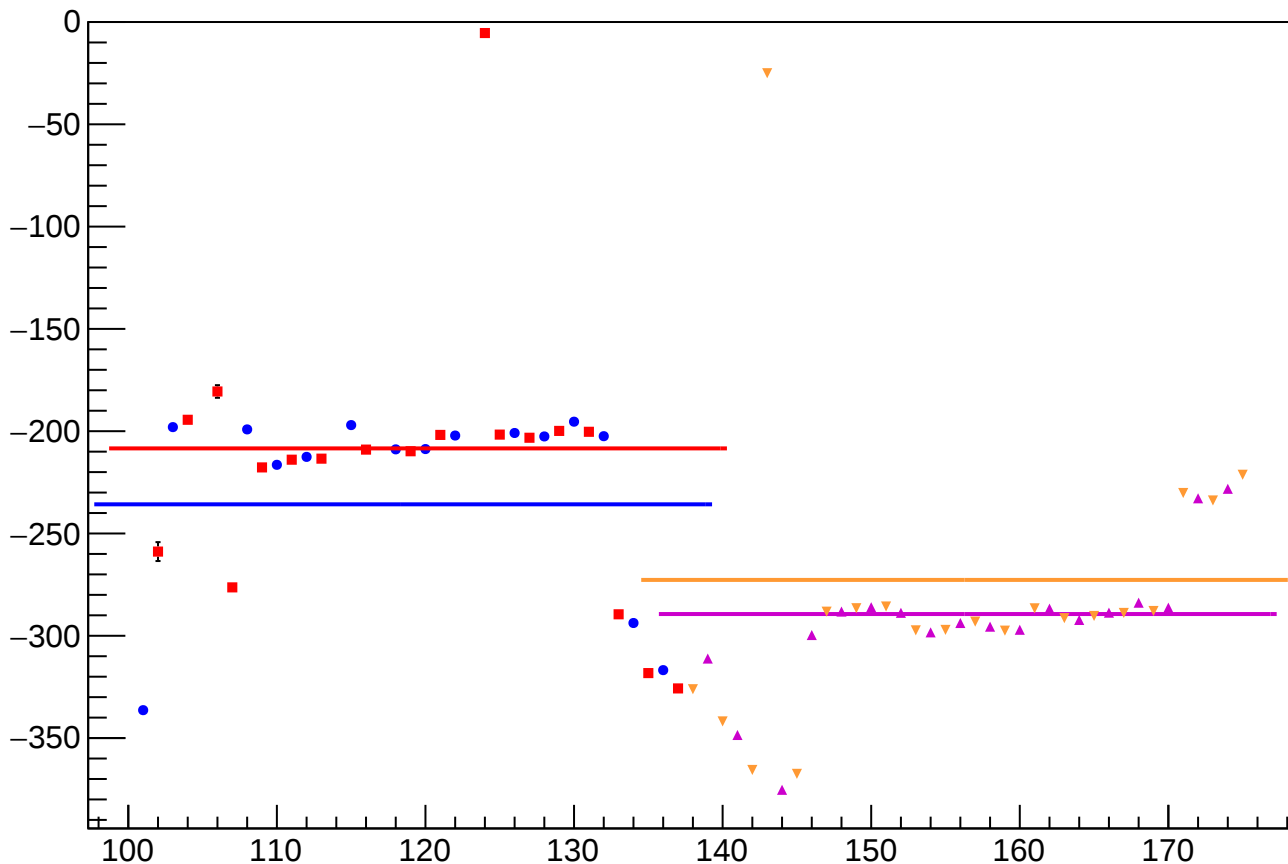
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 742.111 +/- 0.116 χ^2/NDF : 2257868.8/32

Out: 733.372 +/- 0.113 χ^2/NDF : 2175251.1/37

All: 737.609 +/- 0.081 χ^2/NDF : 4436025.0/70

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -272.696 ± 0.024 $\chi^2/\text{NDF}: 6708439.8/19$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -289.373 ± 0.024 $\chi^2/\text{NDF}: 827769.6/17$

Left: -280.870 ± 0.017 $\chi^2/\text{NDF}: 7776847.4/37$

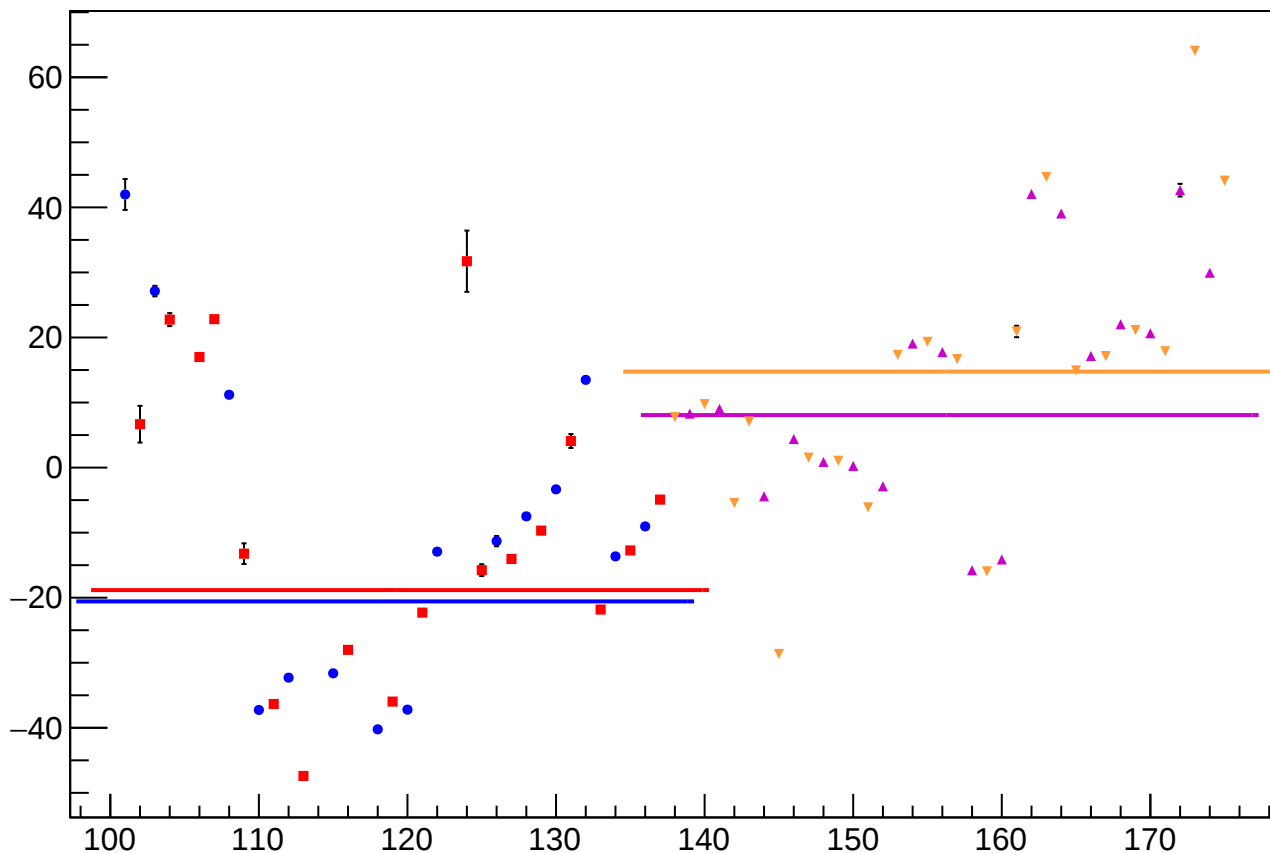
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -280.690 ± 0.022 $\chi^2/\text{NDF}: 2494230.3/32$

Out: -259.462 ± 0.021 $\chi^2/\text{NDF}: 8585276.4/37$

All: -269.581 ± 0.015 $\chi^2/\text{NDF}: 11557014.9/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 $\chi^2/\text{NDF}: 63404.0/14$

Left Out: 14.758 ± 0.023 $\chi^2/\text{NDF}: 491348.4/19$

Right Out: -18.831 ± 0.108 $\chi^2/\text{NDF}: 20855.1/17$

Left In: 8.075 ± 0.019 $\chi^2/\text{NDF}: 972449.4/17$

Left: 10.801 ± 0.015 $\chi^2/\text{NDF}: 1513388.9/37$

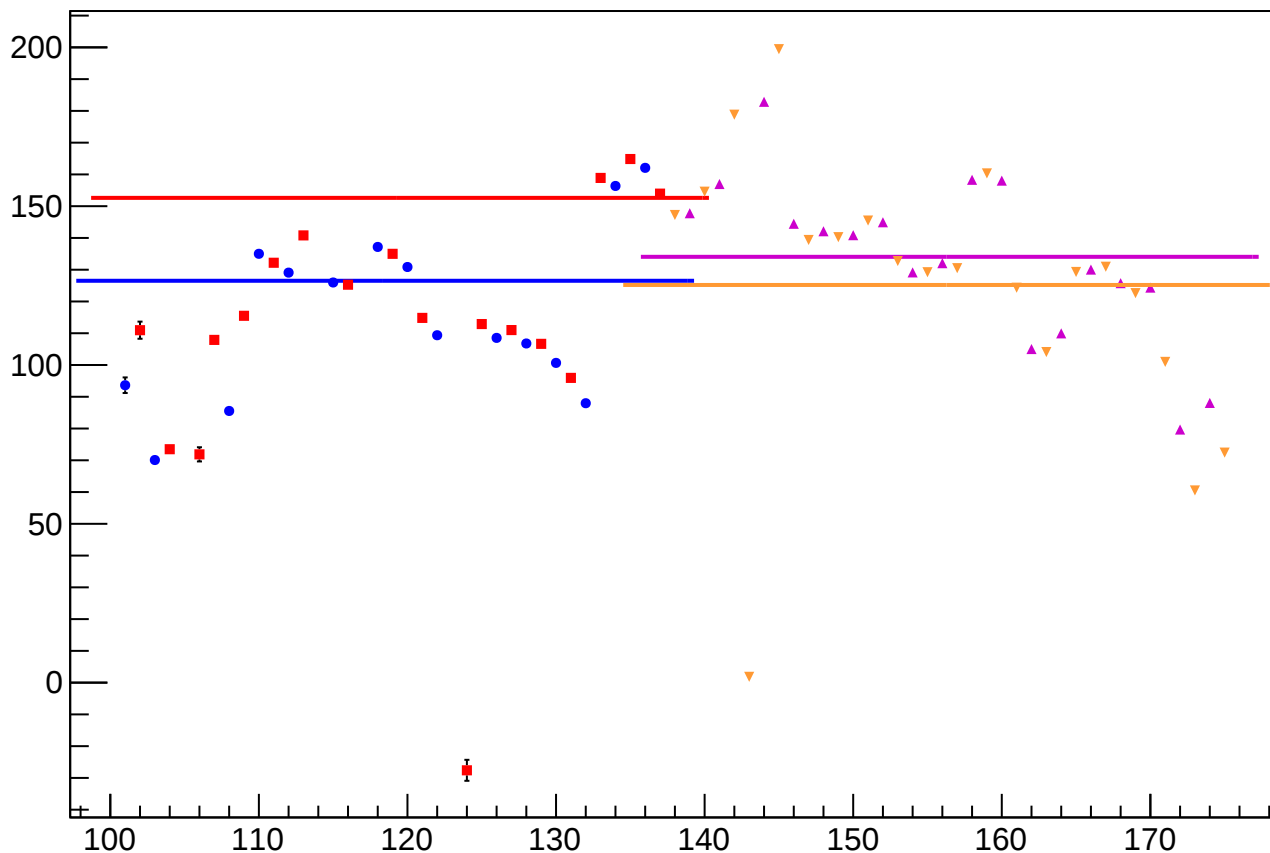
Right: -20.041 ± 0.060 $\chi^2/\text{NDF}: 84439.6/32$

In: 6.147 ± 0.019 $\chi^2/\text{NDF}: 1186223.7/32$

Out: 13.290 ± 0.023 $\chi^2/\text{NDF}: 604688.6/37$

All: 9.017 ± 0.014 $\chi^2/\text{NDF}: 1850759.8/70$

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 $\chi^2/\text{NDF}: 114967.3/14$

Left Out: 125.197 ± 0.029 $\chi^2/\text{NDF}: 731999.8/19$

Right Out: 152.620 ± 0.030 $\chi^2/\text{NDF}: 74022.9/17$

Left In: 134.061 ± 0.027 $\chi^2/\text{NDF}: 496443.0/17$

Left: 129.962 ± 0.020 $\chi^2/\text{NDF}: 1277057.9/37$

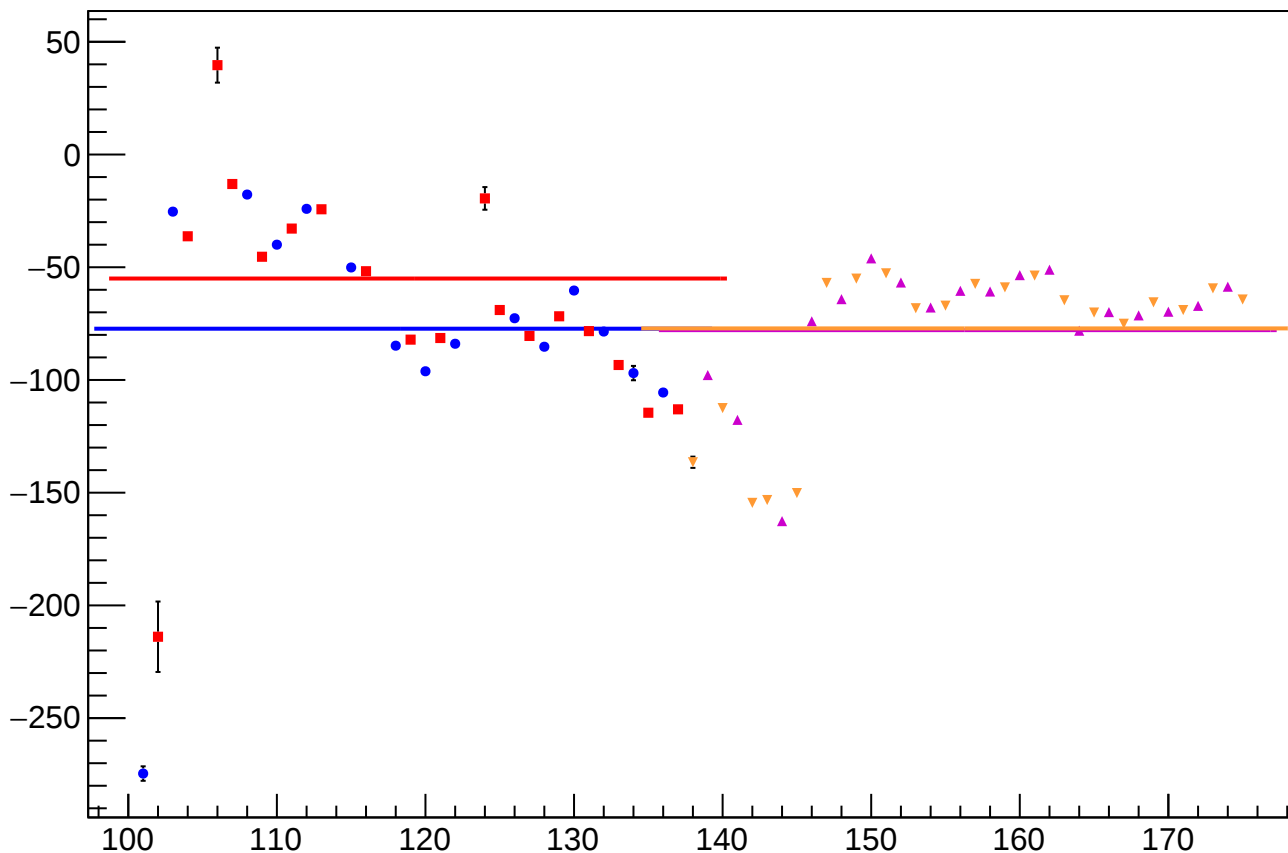
Right: 149.605 ± 0.029 $\chi^2/\text{NDF}: 274404.9/32$

In: 133.339 ± 0.026 $\chi^2/\text{NDF}: 618703.3/32$

Out: 138.508 ± 0.021 $\chi^2/\text{NDF}: 1226120.4/37$

All: 136.449 ± 0.016 $\chi^2/\text{NDF}: 1868620.8/70$

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -77.128 ± 0.125 $\chi^2/\text{NDF}: 60348.1/19$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -77.896 ± 0.124 $\chi^2/\text{NDF}: 62347.8/17$

Left: -77.515 ± 0.088 $\chi^2/\text{NDF}: 122715.0/37$

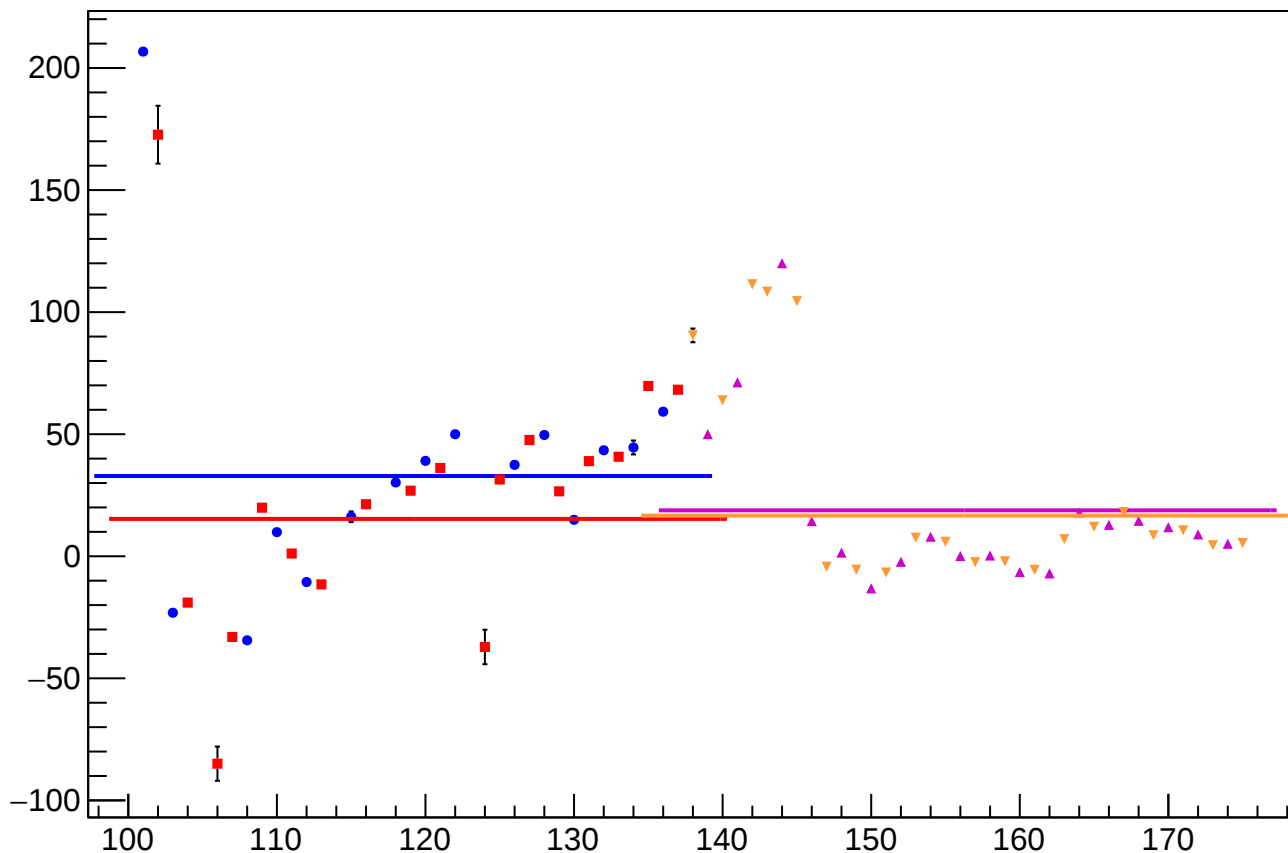
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -77.631 ± 0.095 $\chi^2/\text{NDF}: 92714.8/32$

Out: -70.478 ± 0.104 $\chi^2/\text{NDF}: 93433.0/37$

All: -74.405 ± 0.070 $\chi^2/\text{NDF}: 188729.1/70$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 16.646 $\pm$ 0.109 χ^2 /NDF:91187.4/19

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 18.808 $\pm$ 0.109 χ^2 /NDF:89805.2/17

Left: 17.722 $\pm$ 0.077 χ^2 /NDF: 181188.9/37

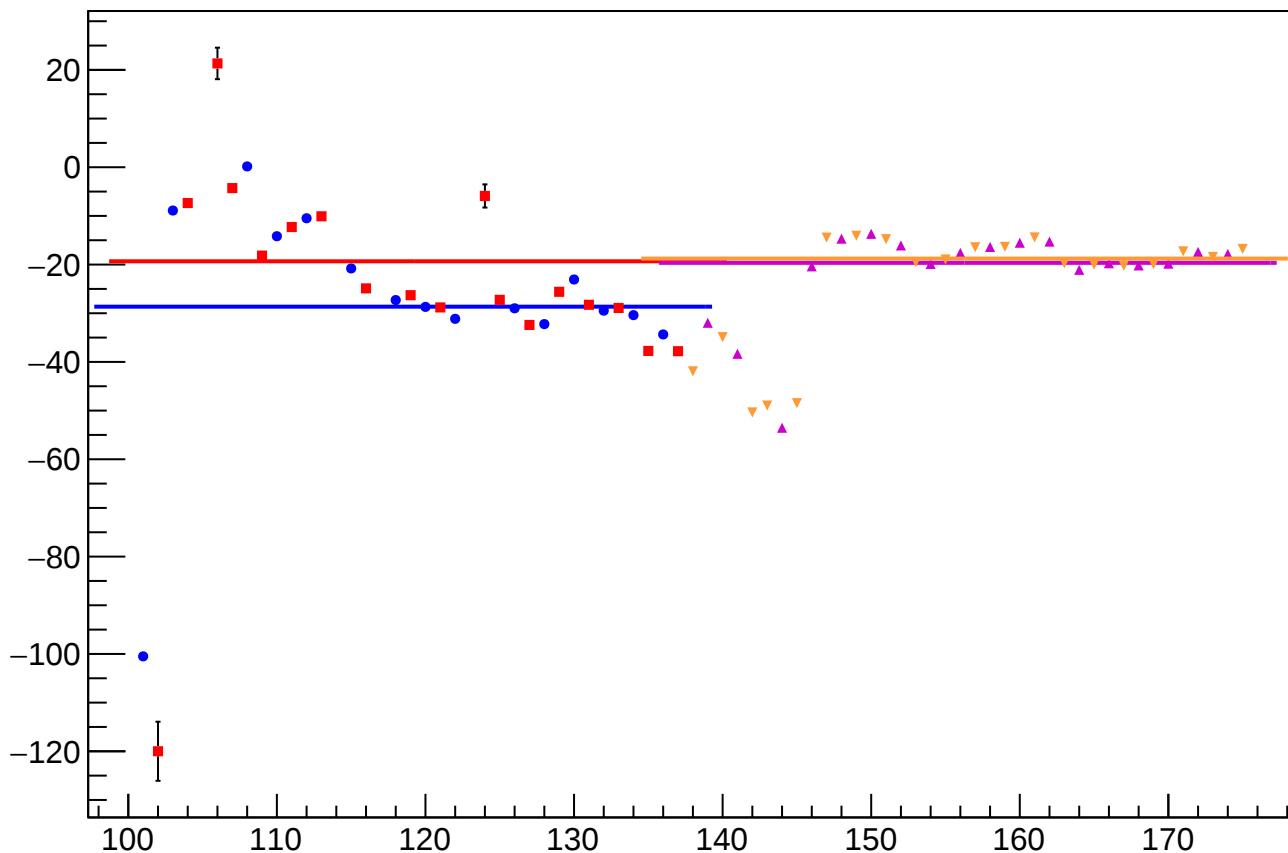
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 23.864 $\pm$ 0.088 χ^2 /NDF:127137.1/32

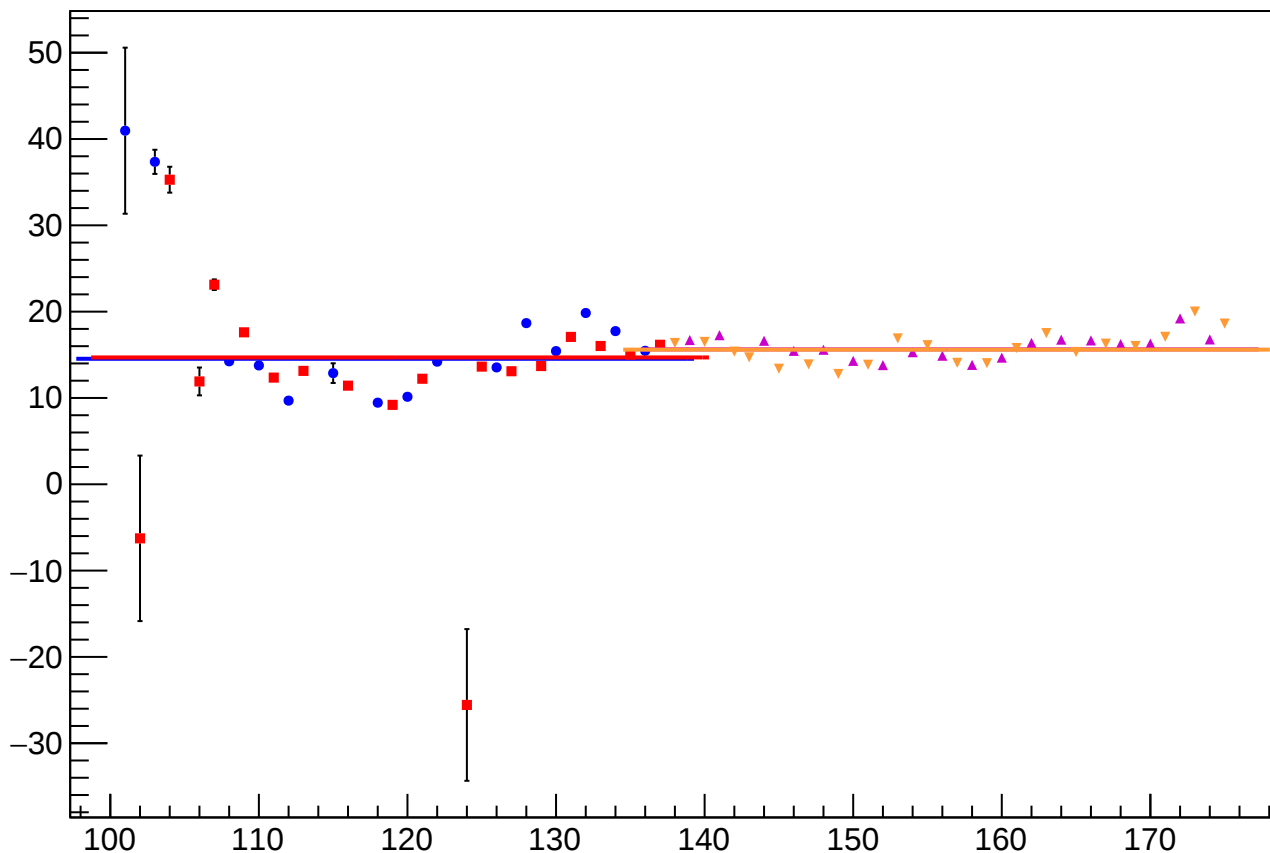
Out: 16.362 $\pm$ 0.097 χ^2 /NDF:107965.4/37

All: 20.483 $\pm$ 0.065 χ^2 /NDF: 238411.7/70

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.598 $\pm$ 0.015 χ^2 /NDF:9884.3/19

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.627 $\pm$ 0.015 χ^2 /NDF:6991.6/17

Left: 15.613 $\pm$ 0.010 χ^2 /NDF: 16877.9/37

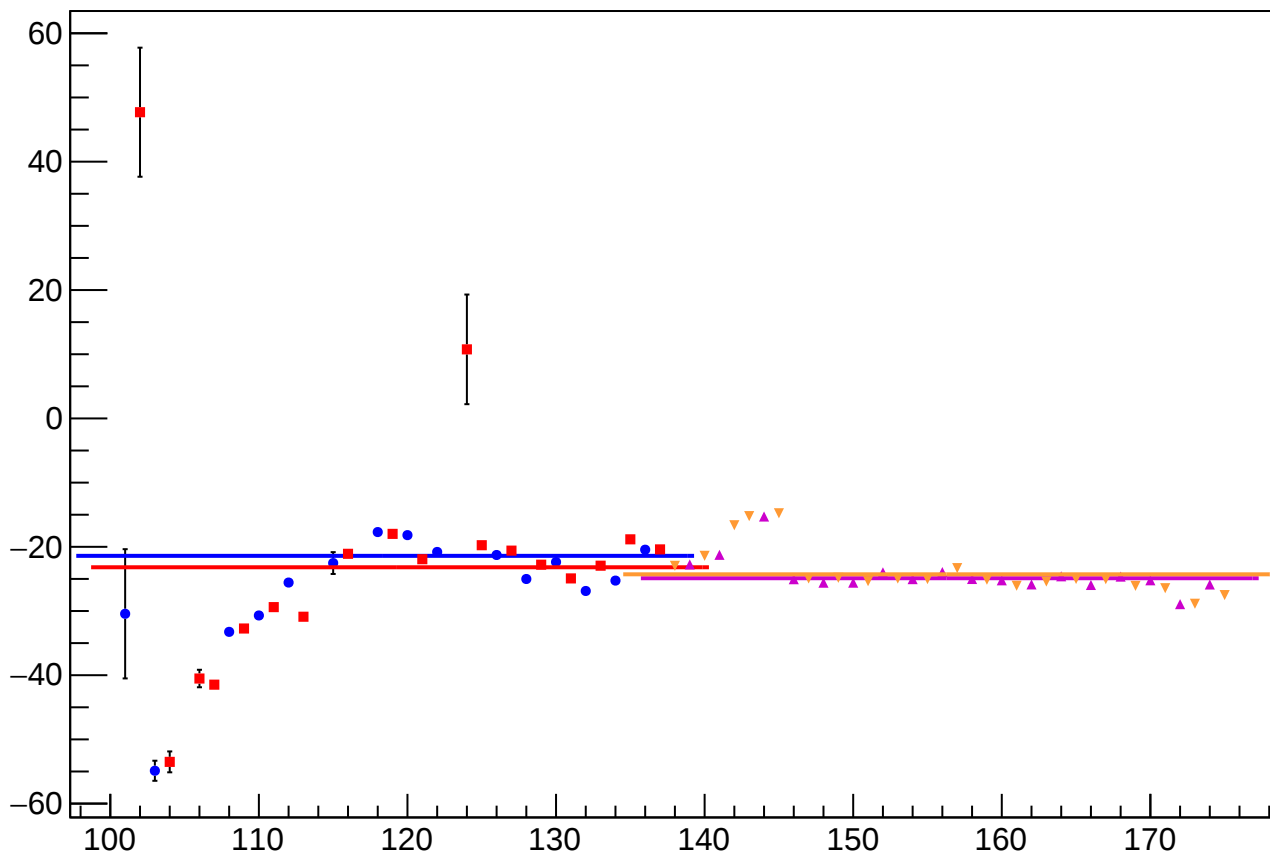
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.416 $\pm$ 0.013 χ^2 /NDF:20137.8/32

Out: 15.504 $\pm$ 0.014 χ^2 /NDF:11903.4/37

All: 15.457 $\pm$ 0.010 χ^2 /NDF: 32062.1/70

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.283 ± 0.017 $\chi^2/\text{NDF}: 40241.9/19$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.893 ± 0.018 $\chi^2/\text{NDF}: 11909.1/17$

Left: -24.580 ± 0.012 $\chi^2/\text{NDF}: 52770.3/37$

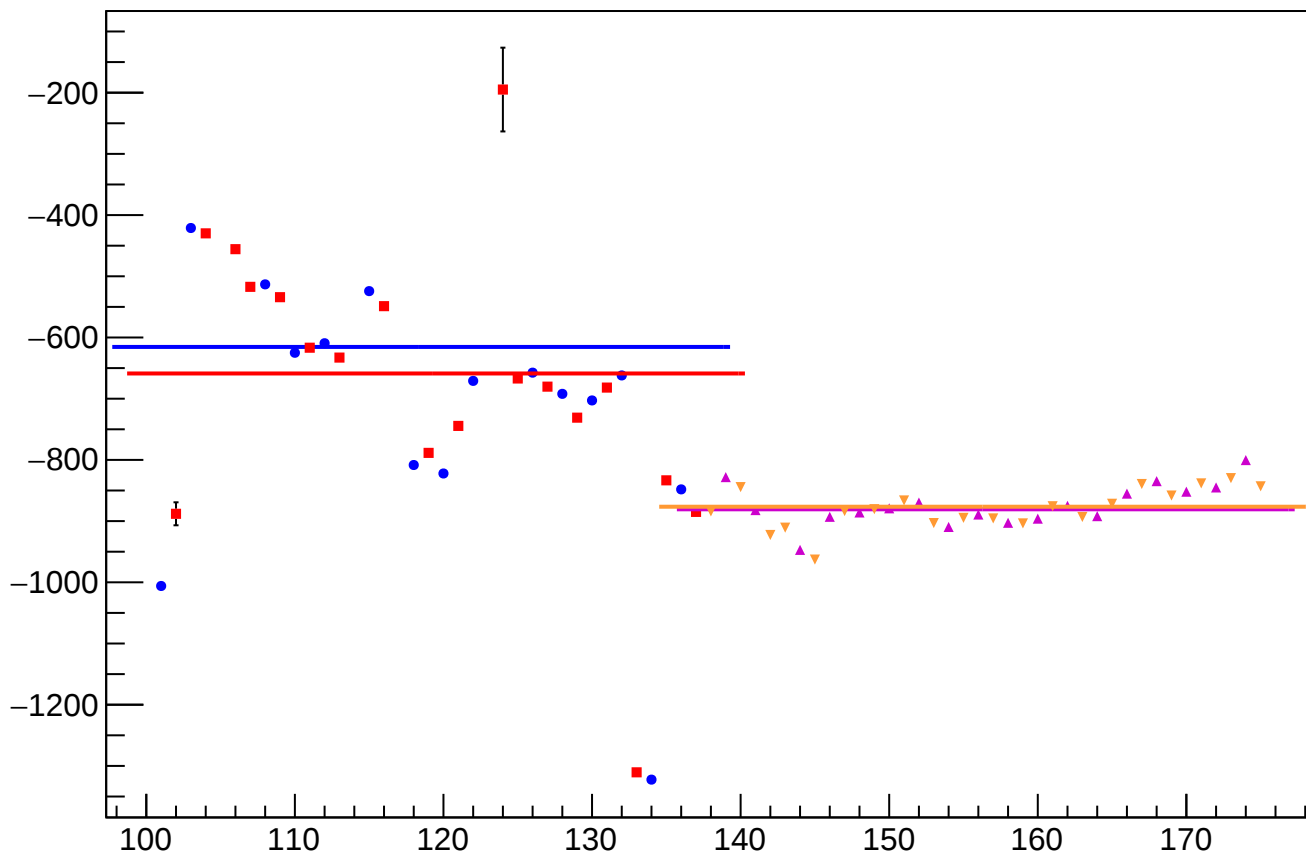
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.210 ± 0.016 $\chi^2/\text{NDF}: 29323.2/32$

Out: -24.172 ± 0.016 $\chi^2/\text{NDF}: 49782.6/37$

All: -24.192 ± 0.011 $\chi^2/\text{NDF}: 79108.6/70$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419 ± 0.238 $\chi^2/\text{NDF}: 382819.1/14$

Left Out: -876.496 ± 0.140 $\chi^2/\text{NDF}: 39901.9/19$

Right Out: -658.787 ± 0.256 $\chi^2/\text{NDF}: 385262.6/17$

Left In: -880.730 ± 0.137 $\chi^2/\text{NDF}: 42737.2/17$

Left: -878.655 ± 0.098 $\chi^2/\text{NDF}: 83105.7/37$

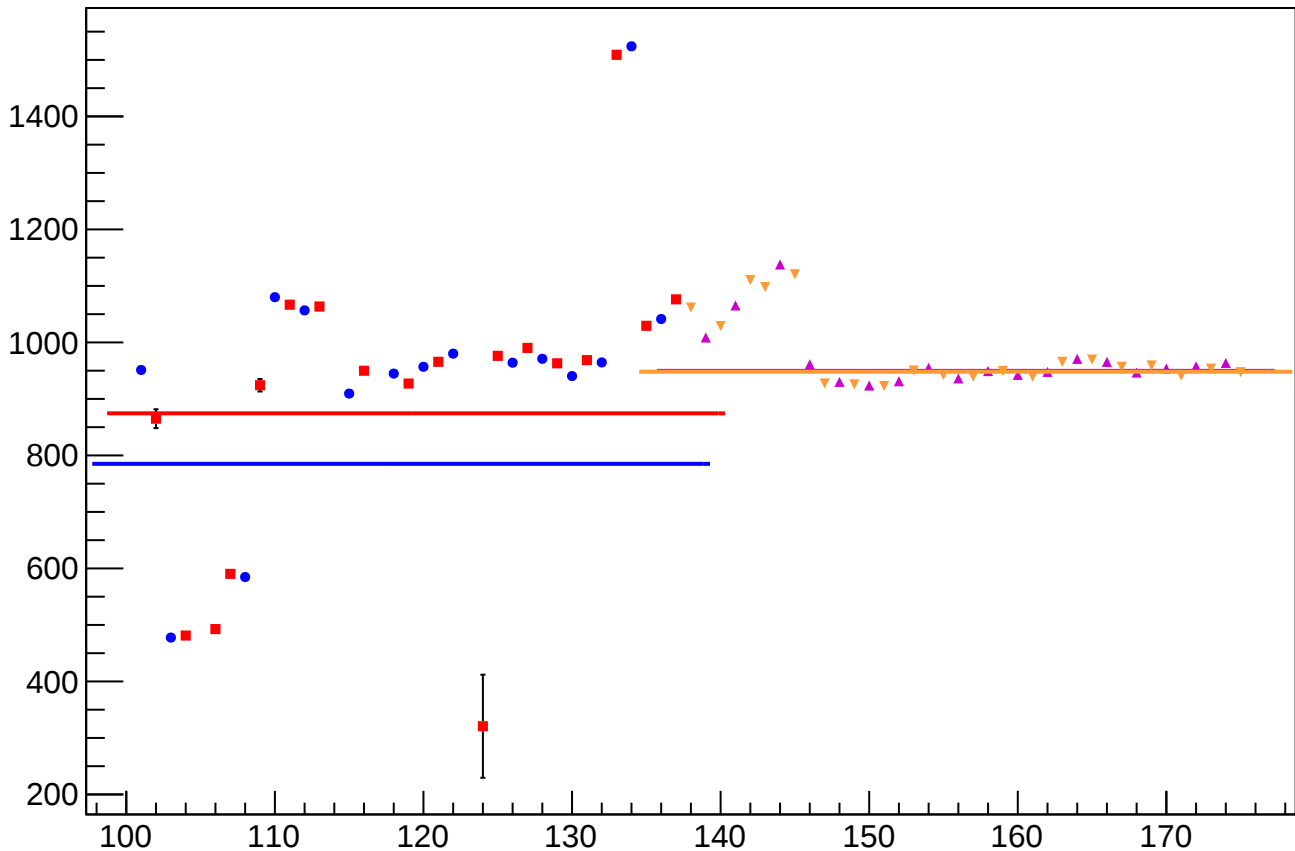
Right: -635.464 ± 0.174 $\chi^2/\text{NDF}: 783480.4/32$

In: -814.352 ± 0.119 $\chi^2/\text{NDF}: 1360447.6/32$

Out: -826.485 ± 0.123 $\chi^2/\text{NDF}: 980965.2/37$

All: -820.218 ± 0.085 $\chi^2/\text{NDF}: 2346452.1/70$

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 ± 0.228 $\chi^2/\text{NDF}: 886147.1/14$

Left Out: 948.137 ± 0.109 $\chi^2/\text{NDF}: 71853.0/19$

Right Out: 874.516 ± 0.261 $\chi^2/\text{NDF}: 842565.5/17$

Left In: 949.654 ± 0.113 $\chi^2/\text{NDF}: 76130.6/17$

Left: 948.867 ± 0.078 $\chi^2/\text{NDF}: 148077.1/37$

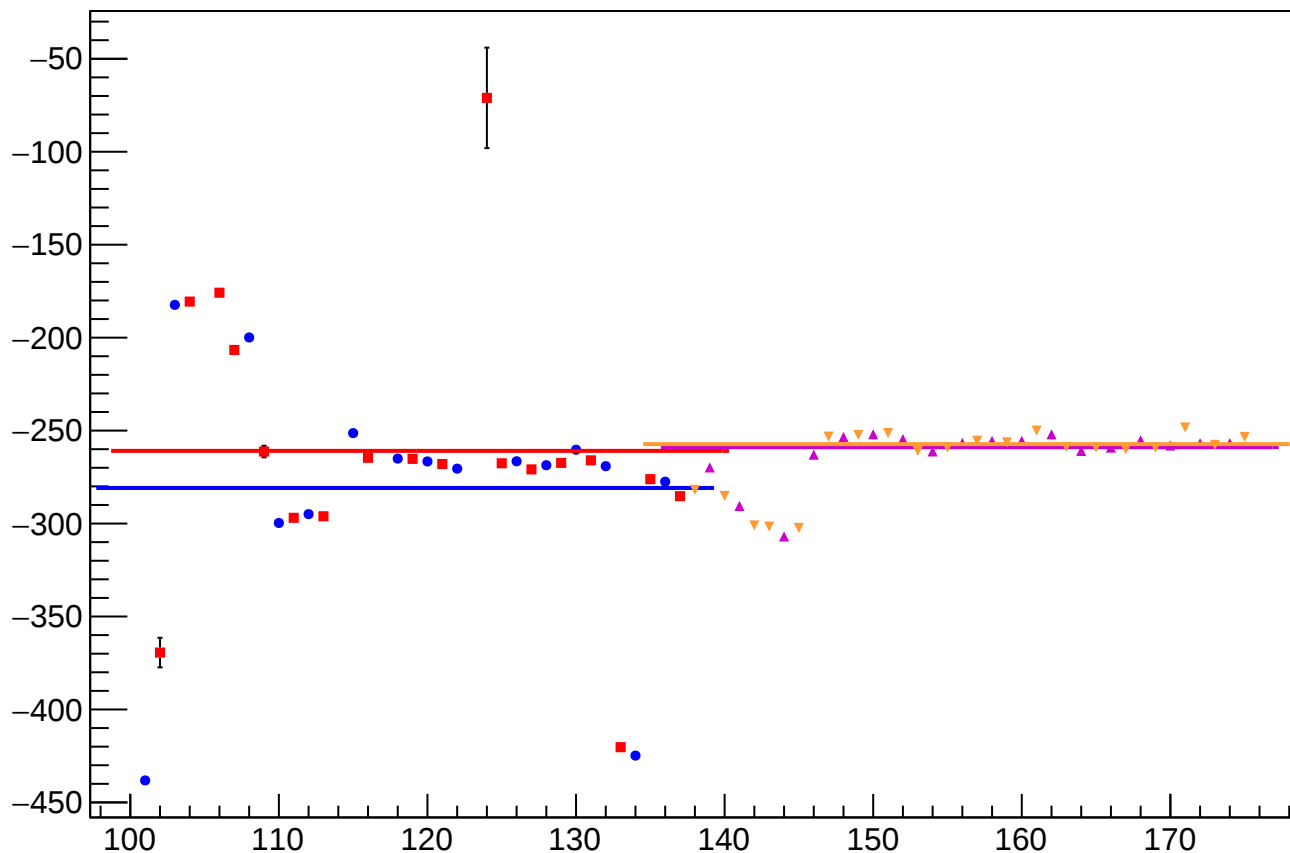
Right: 823.762 ± 0.172 $\chi^2/\text{NDF}: 1795202.4/32$

In: 917.213 ± 0.101 $\chi^2/\text{NDF}: 1380363.9/32$

Out: 937.242 ± 0.101 $\chi^2/\text{NDF}: 982074.4/37$

All: 927.302 ± 0.071 $\chi^2/\text{NDF}: 2382150.3/70$

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.269 ± 0.020 $\chi^2/\text{NDF}: 175831.9/19$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.919 ± 0.020 $\chi^2/\text{NDF}: 189125.3/17$

Left: -258.105 ± 0.014 $\chi^2/\text{NDF}: 368257.3/37$

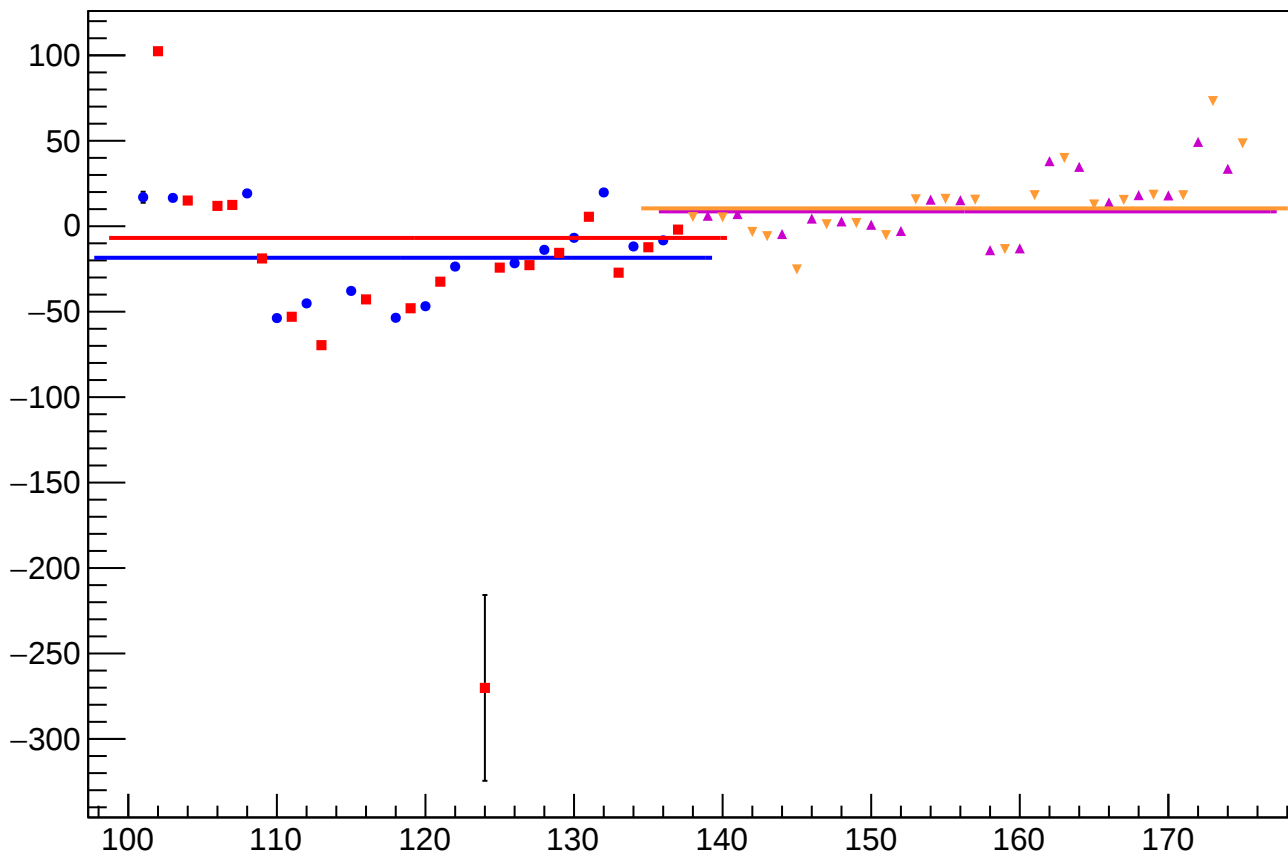
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.248 ± 0.019 $\chi^2/\text{NDF}: 1188290.4/32$

Out: -257.573 ± 0.020 $\chi^2/\text{NDF}: 526191.3/37$

All: -259.457 ± 0.014 $\chi^2/\text{NDF}: 1732567.6/70$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.447 ± 0.021 $\chi^2/\text{NDF}: 438342.2/19$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 8.696 ± 0.020 $\chi^2/\text{NDF}: 558874.5/17$

Left: 9.531 ± 0.014 $\chi^2/\text{NDF}: 1000889.4/37$

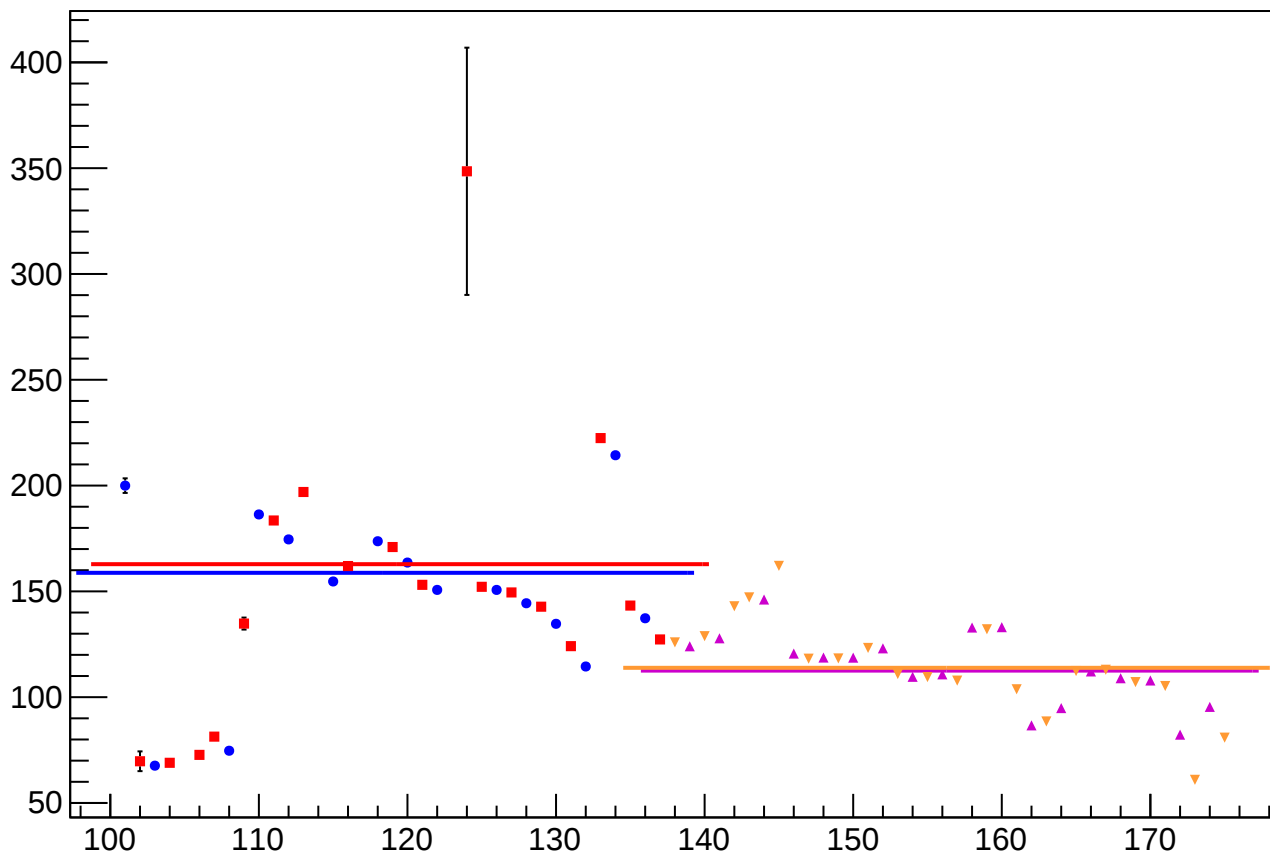
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.459 ± 0.019 $\chi^2/\text{NDF}: 689890.1/32$

Out: 8.807 ± 0.020 $\chi^2/\text{NDF}: 553262.4/37$

All: 8.119 ± 0.014 $\chi^2/\text{NDF}: 1245498.0/70$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 113.873 ± 0.025 χ^2/NDF : 252679.6/19

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 112.558 ± 0.021 χ^2/NDF : 385775.7/17

Left: 113.115 ± 0.016 χ^2/NDF : 640043.4/37

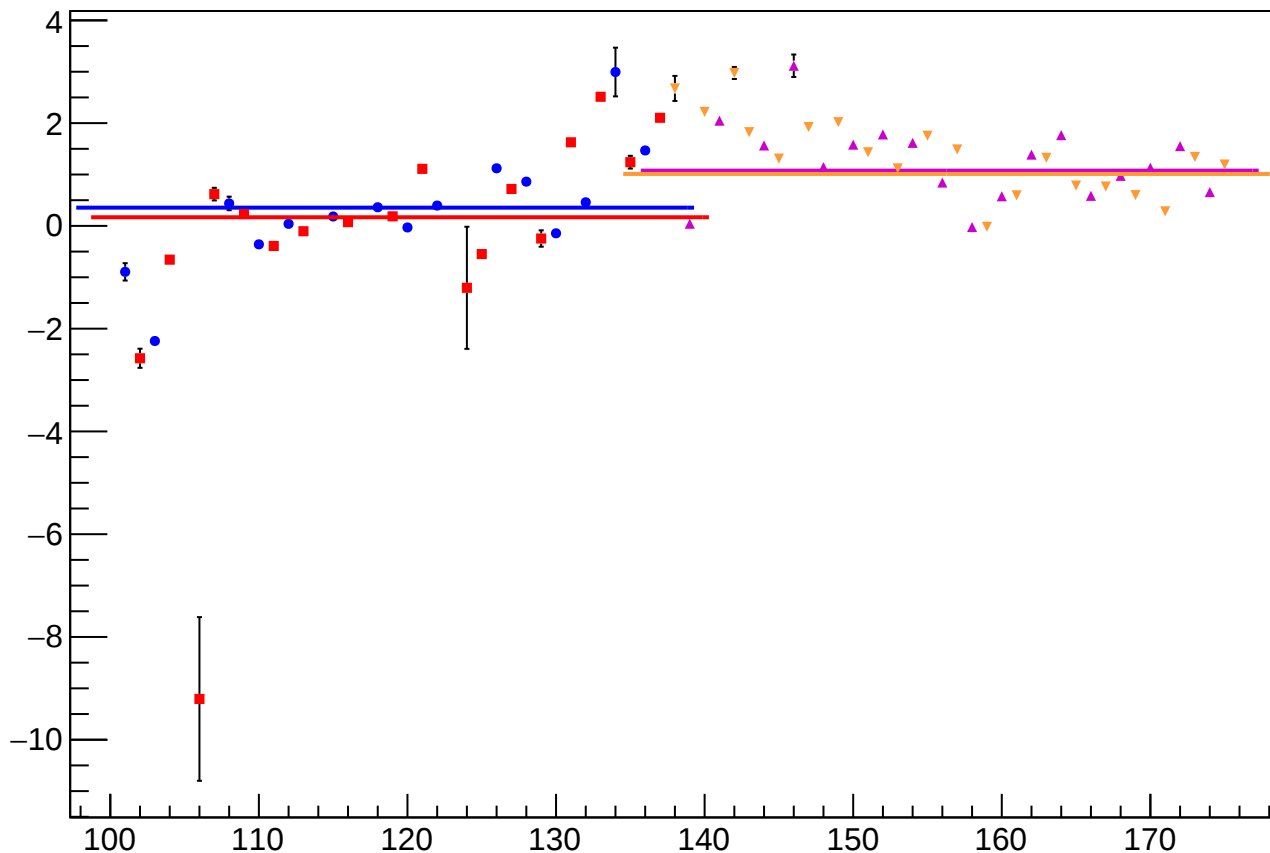
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 115.137 ± 0.021 χ^2/NDF : 803376.5/32

Out: 117.172 ± 0.024 χ^2/NDF : 666107.5/37

All: 116.004 ± 0.016 χ^2/NDF : 1473540.8/70

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.011 ± 0.008 $\chi^2/\text{NDF}: 5903.3/19$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.076 ± 0.007 $\chi^2/\text{NDF}: 6951.6/17$

Left: 1.047 ± 0.005 $\chi^2/\text{NDF}: 12891.6/37$

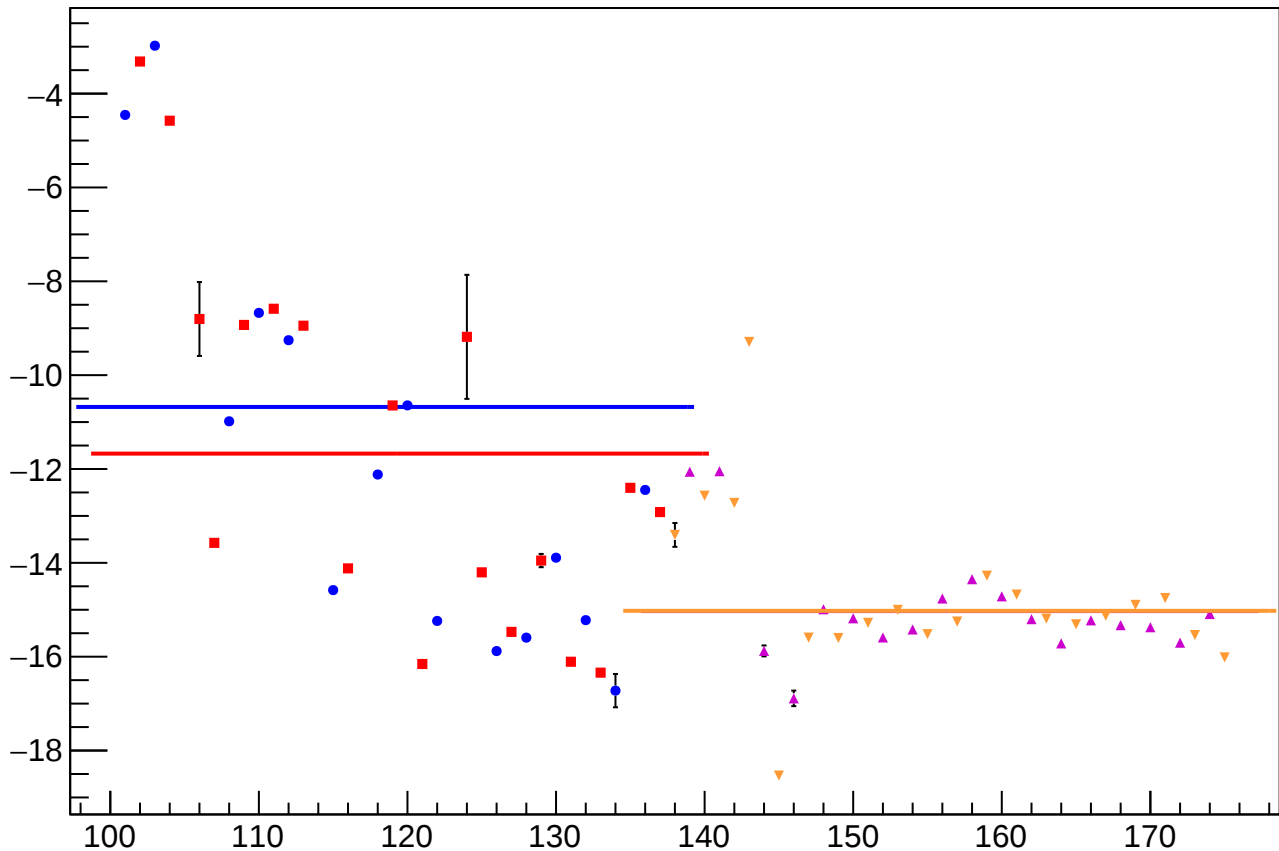
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.881 ± 0.006 $\chi^2/\text{NDF}: 13705.6/32$

Out: 0.574 ± 0.006 $\chi^2/\text{NDF}: 16348.7/37$

All: 0.711 ± 0.004 $\chi^2/\text{NDF}: 31452.8/70$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 $\pm$ 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.023 $\pm$ 0.006 χ^2/NDF : 34934.7/19

Right Out: -11.672 $\pm$ 0.012 χ^2/NDF : 107844.6/17

Left In: -15.028 $\pm$ 0.006 χ^2/NDF : 12906.7/17

Left: -15.025 $\pm$ 0.004 χ^2/NDF : 47841.8/37

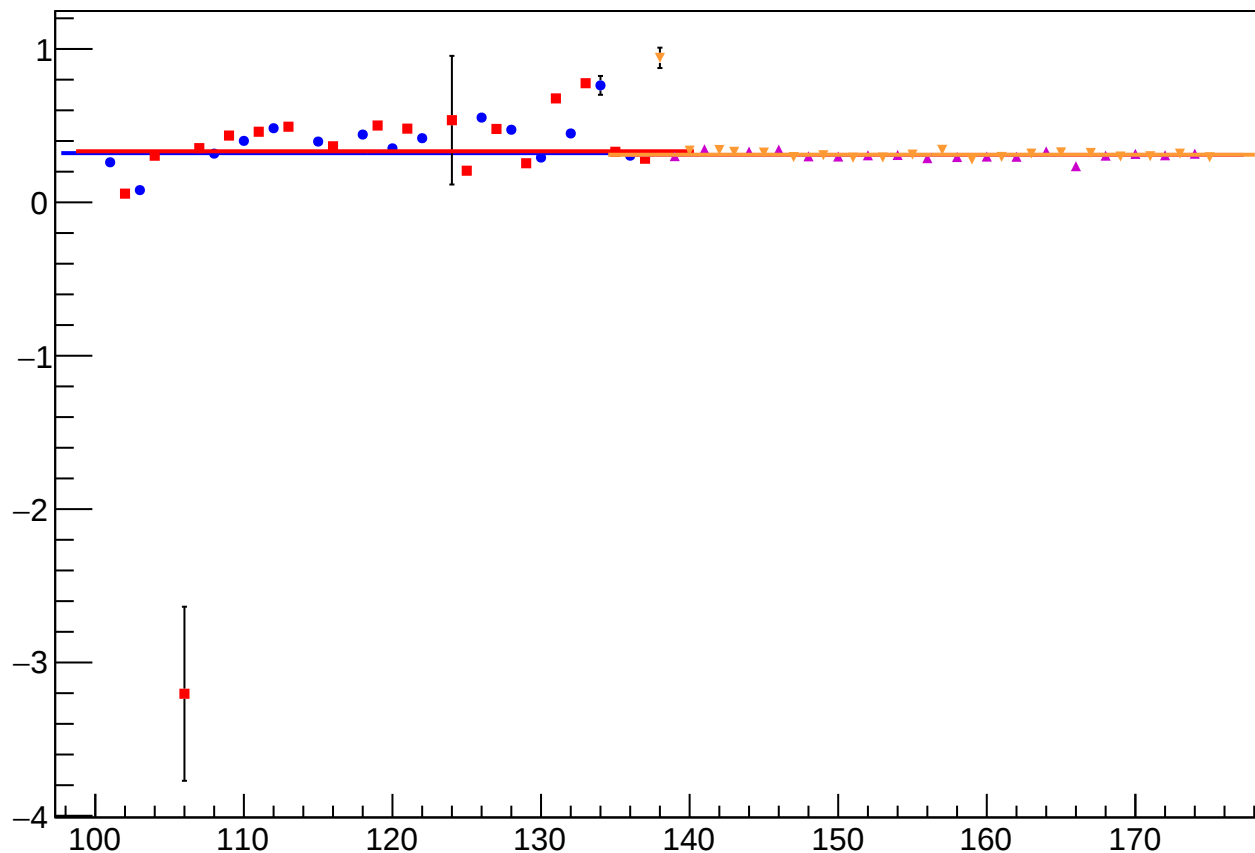
Right: -11.113 $\pm$ 0.008 χ^2/NDF : 338735.1/32

In: -13.840 $\pm$ 0.005 χ^2/NDF : 369920.3/32

Out: -14.241 $\pm$ 0.006 χ^2/NDF : 206293.6/37

All: -14.031 $\pm$ 0.004 χ^2/NDF : 578866.7/70

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.310+/-0.000 χ^2/NDF : 4947.4/19

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2728.8/17

Left: 0.310+/-0.000 χ^2/NDF : 7690.9/37

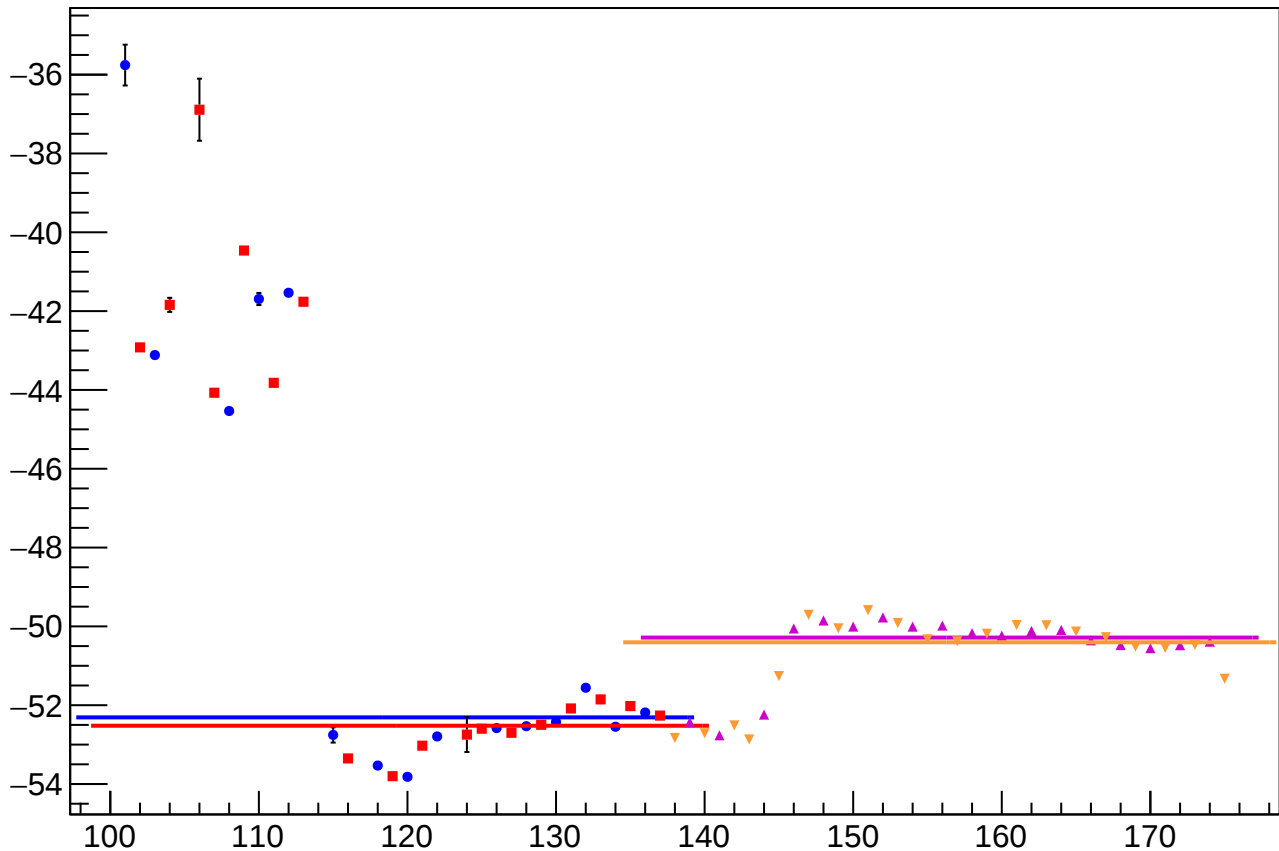
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 6893.7/32

Out: 0.311+/-0.000 χ^2/NDF : 9430.7/37

All: 0.311+/-0.000 χ^2/NDF : 16340.5/70

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309+/-0.004 χ^2/NDF : 53459.2/14

Left Out: -50.404+/-0.002 χ^2/NDF : 231114.4/19

Right Out: -52.521+/-0.005 χ^2/NDF : 76616.3/17

Left In: -50.284+/-0.001 χ^2/NDF : 165455.0/17

Left: -50.334+/-0.001 χ^2/NDF : 400085.6/37

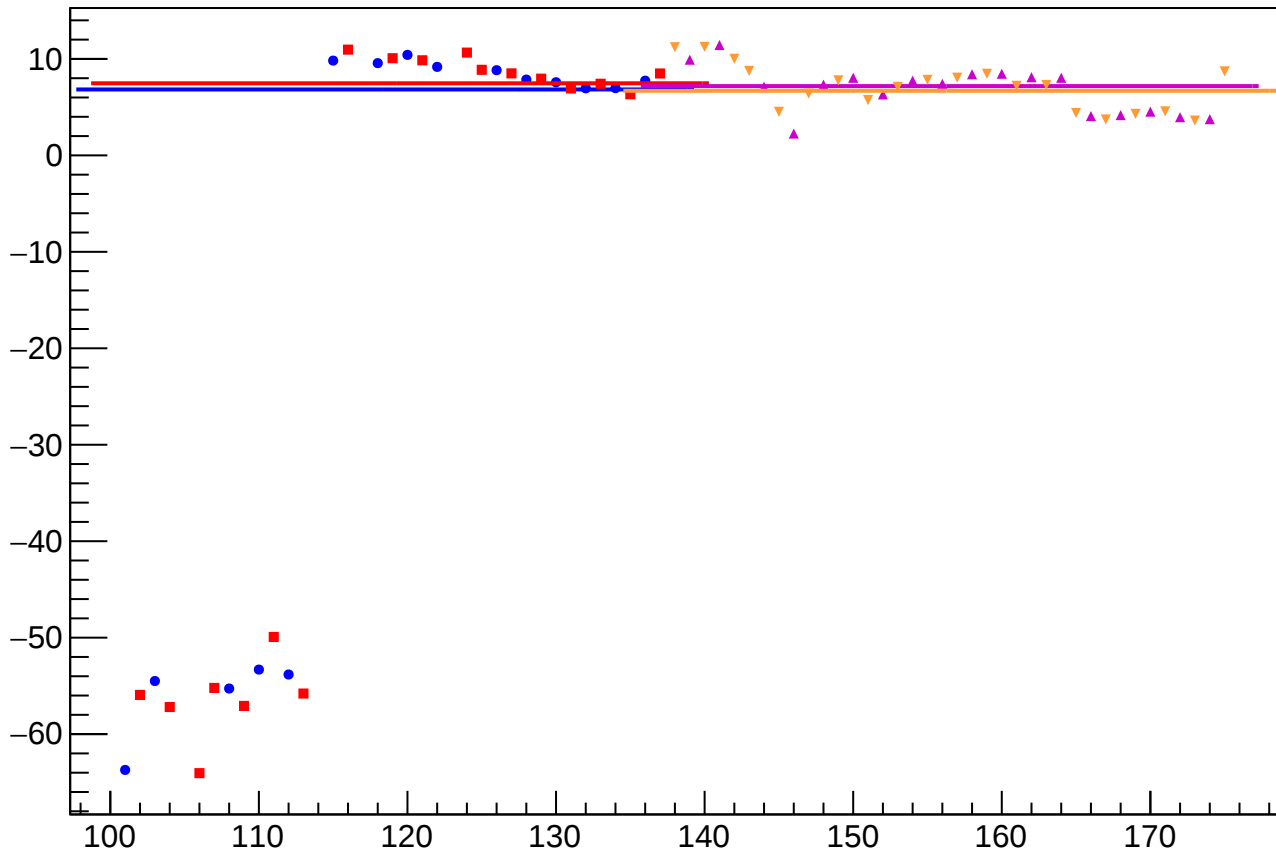
Right: -52.410+/-0.003 χ^2/NDF : 131177.9/32

In: -50.448+/-0.001 χ^2/NDF : 412404.6/32

Out: -50.616+/-0.001 χ^2/NDF : 497860.5/37

All: -50.519+/-0.001 χ^2/NDF : 917952.0/70

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.698 ± 0.004 $\chi^2/\text{NDF}: 317400.6/19$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.182 ± 0.003 $\chi^2/\text{NDF}: 197186.4/17$

Left: 6.958 ± 0.003 $\chi^2/\text{NDF}: 523511.8/37$

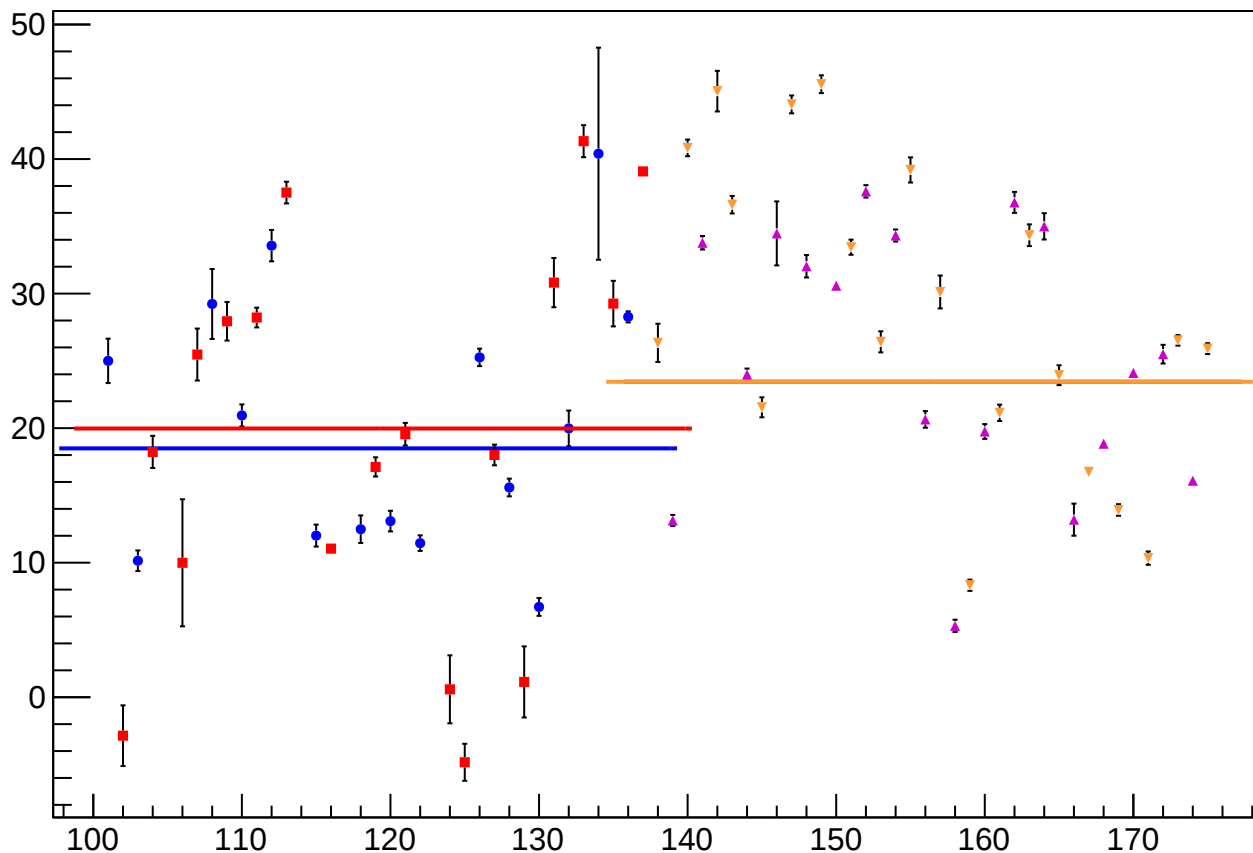
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.070 ± 0.003 $\chi^2/\text{NDF}: 1190972.6/32$

Out: 6.807 ± 0.003 $\chi^2/\text{NDF}: 1518892.5/37$

All: 6.964 ± 0.002 $\chi^2/\text{NDF}: 2713264.4/70$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.446 $\pm$ 0.122 χ^2 /NDF: 7573.1/19

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.452 $\pm$ 0.109 χ^2 /NDF: 6112.5/17

Left: 23.449 $\pm$ 0.081 χ^2 /NDF: 13685.6/37

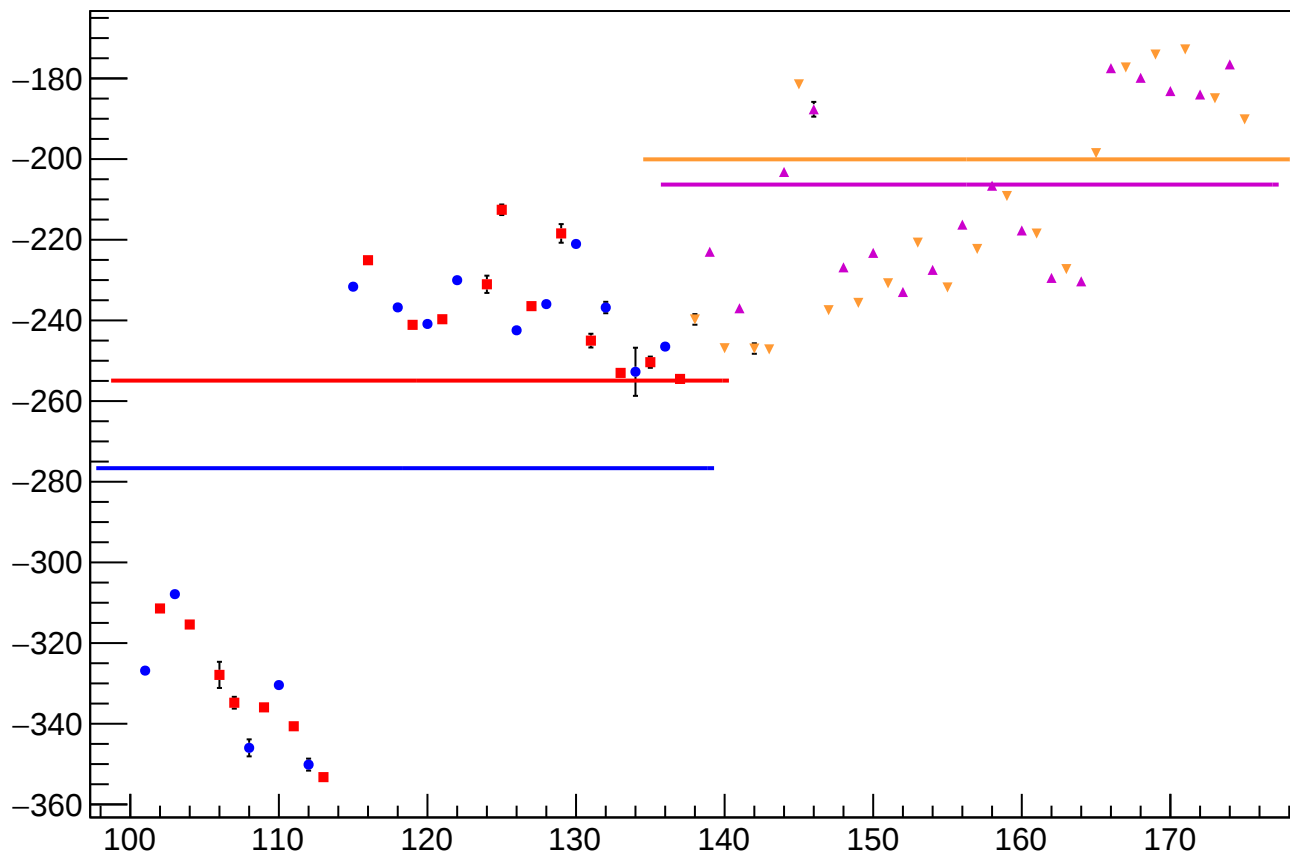
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.318 $\pm$ 0.096 χ^2 /NDF: 8222.5/32

Out: 21.819 $\pm$ 0.089 χ^2 /NDF: 17152.5/37

All: 22.051 $\pm$ 0.065 χ^2 /NDF: 25389.6/70

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -200.066 ± 0.101 $\chi^2/\text{NDF}: 62898.0/19$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -206.320 ± 0.095 $\chi^2/\text{NDF}: 53851.3/17$

Left: -203.383 ± 0.069 $\chi^2/\text{NDF}: 118777.0/37$

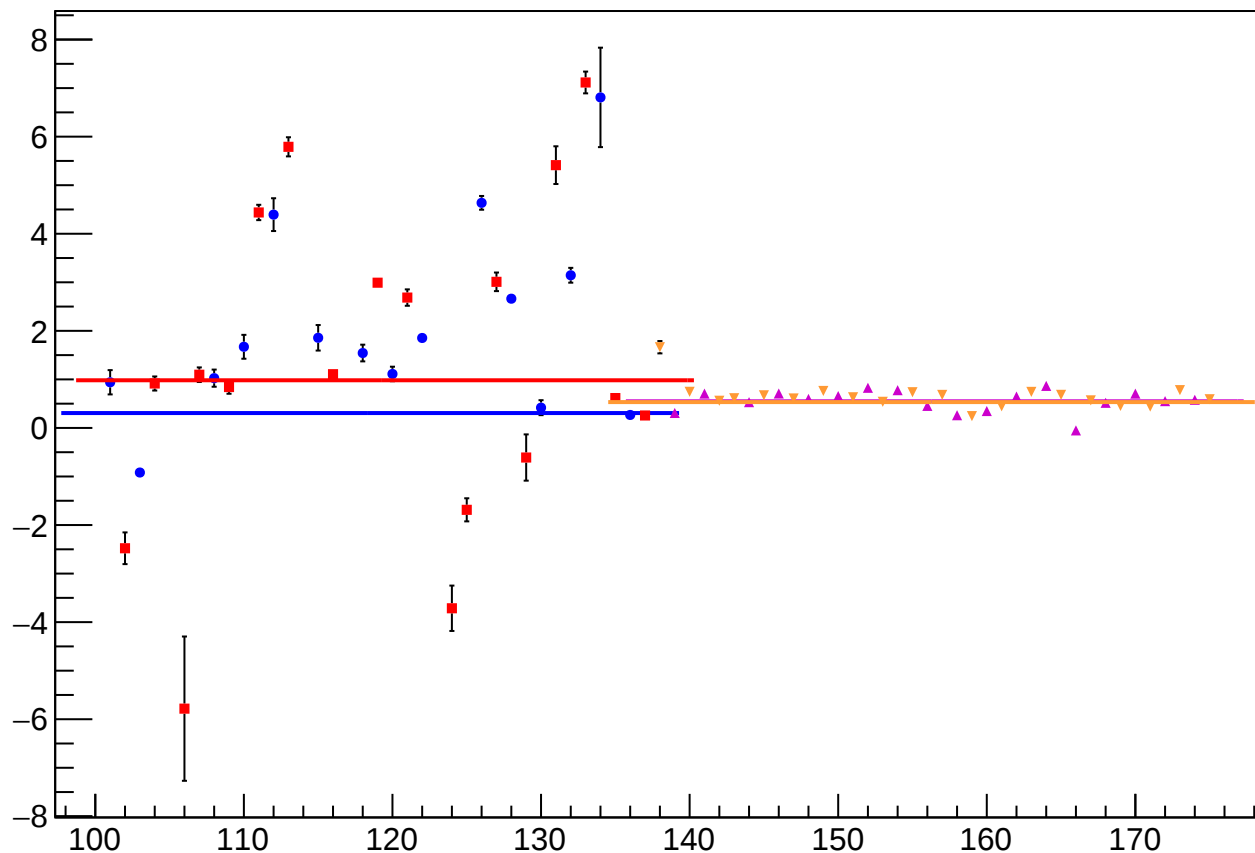
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -226.982 ± 0.080 $\chi^2/\text{NDF}: 291355.3/32$

Out: -236.739 ± 0.058 $\chi^2/\text{NDF}: 331437.0/37$

All: -233.358 ± 0.047 $\chi^2/\text{NDF}: 632516.4/70$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307+/-0.007 χ^2/NDF : 2787.0/14

Left Out: 0.533+/-0.002 χ^2/NDF : 9629.2/19

Right Out: 0.982+/-0.015 χ^2/NDF : 3374.7/17

Left In: 0.549+/-0.002 χ^2/NDF : 14153.4/17

Left: 0.542+/-0.001 χ^2/NDF : 23822.3/37

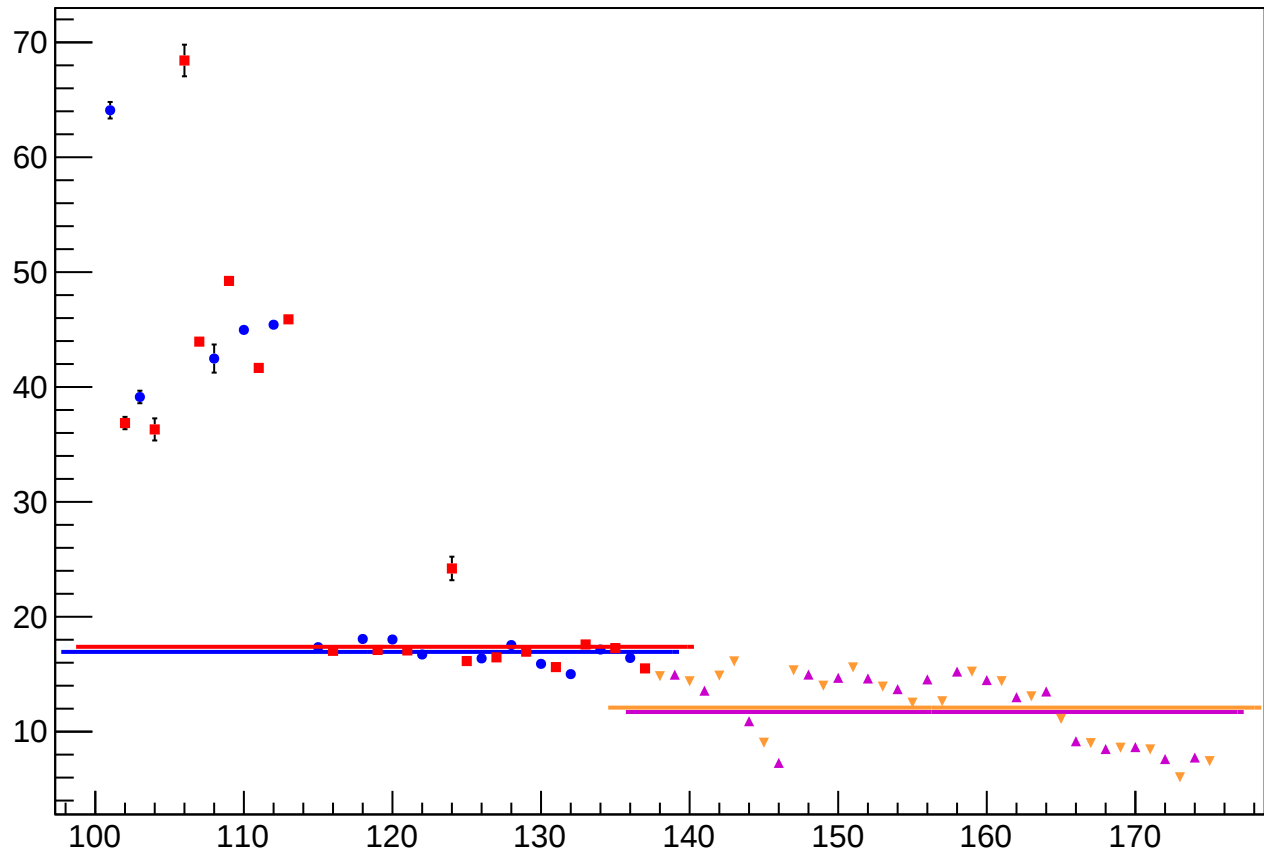
Right: 0.421+/-0.006 χ^2/NDF : 7919.2/32

In: 0.534+/-0.002 χ^2/NDF : 18189.8/32

Out: 0.540+/-0.002 χ^2/NDF : 13925.2/37

All: 0.537+/-0.001 χ^2/NDF : 32121.1/70

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 χ^2/NDF : 29019.8/14

Left Out: 12.092 ± 0.008 χ^2/NDF : 187860.3/19

Right Out: 17.385 ± 0.018 χ^2/NDF : 61131.5/17

Left In: 11.709 ± 0.007 χ^2/NDF : 183388.2/17

Left: 11.889 ± 0.005 χ^2/NDF : 372568.5/37

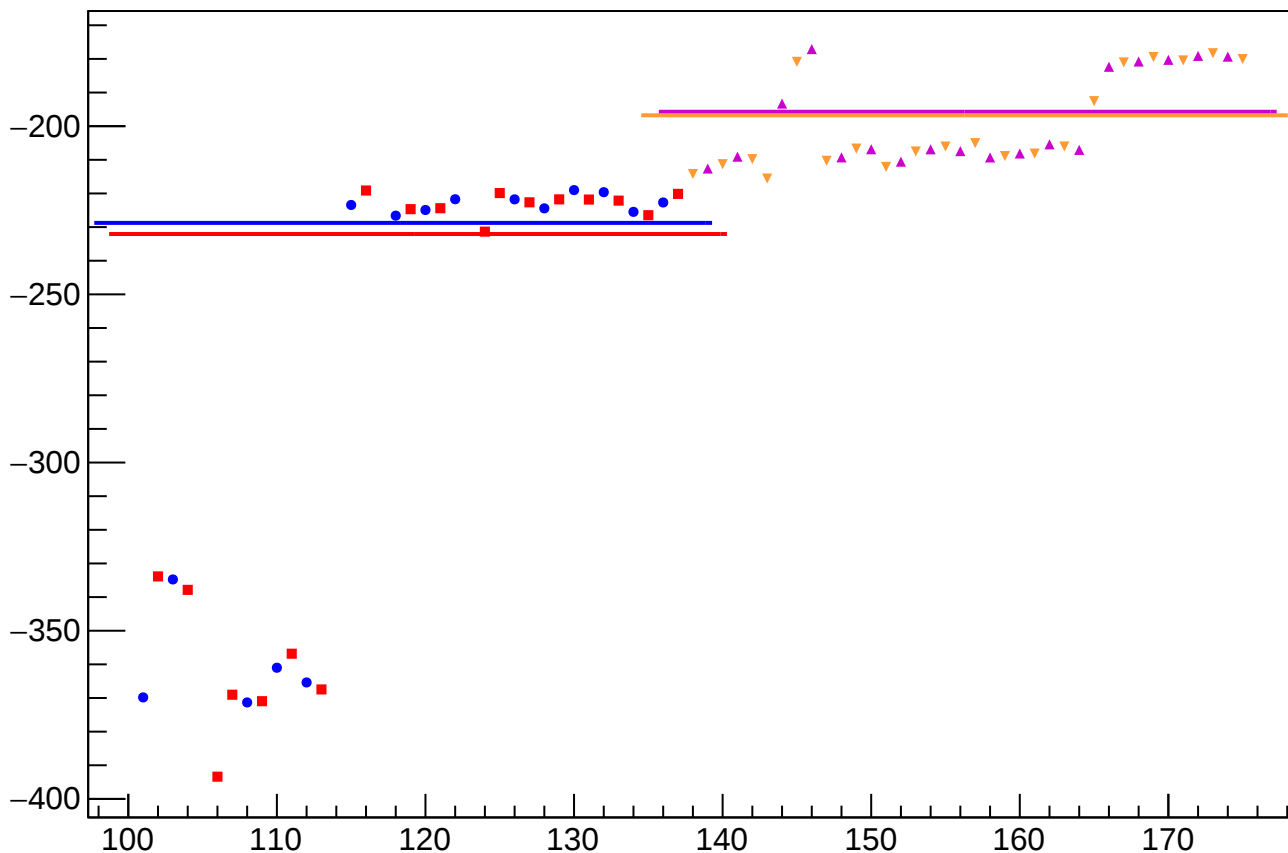
Right: 17.096 ± 0.010 χ^2/NDF : 90566.4/32

In: 12.967 ± 0.006 χ^2/NDF : 337944.4/32

Out: 12.940 ± 0.007 χ^2/NDF : 325033.6/37

All: 12.955 ± 0.005 χ^2/NDF : 662986.3/70

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -196.765 ± 0.015 χ^2/NDF : 993850.5/19

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -195.714 ± 0.013 χ^2/NDF : 1109522.8/17

Left: -196.189 ± 0.010 χ^2/NDF : 2106212.9/37

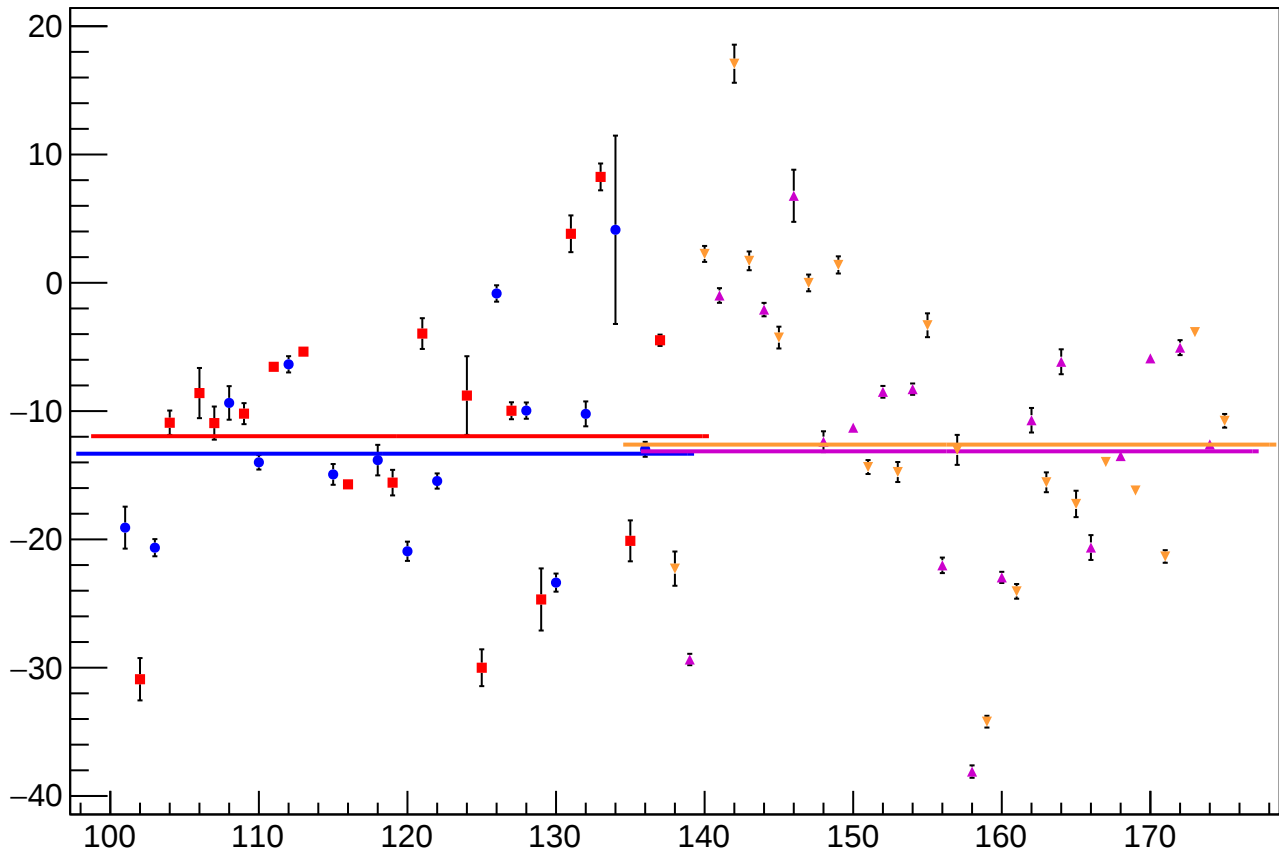
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -199.928 ± 0.012 χ^2/NDF : 2558542.1/32

Out: -200.686 ± 0.014 χ^2/NDF : 2434453.4/37

All: -200.267 ± 0.009 χ^2/NDF : 4994672.1/70

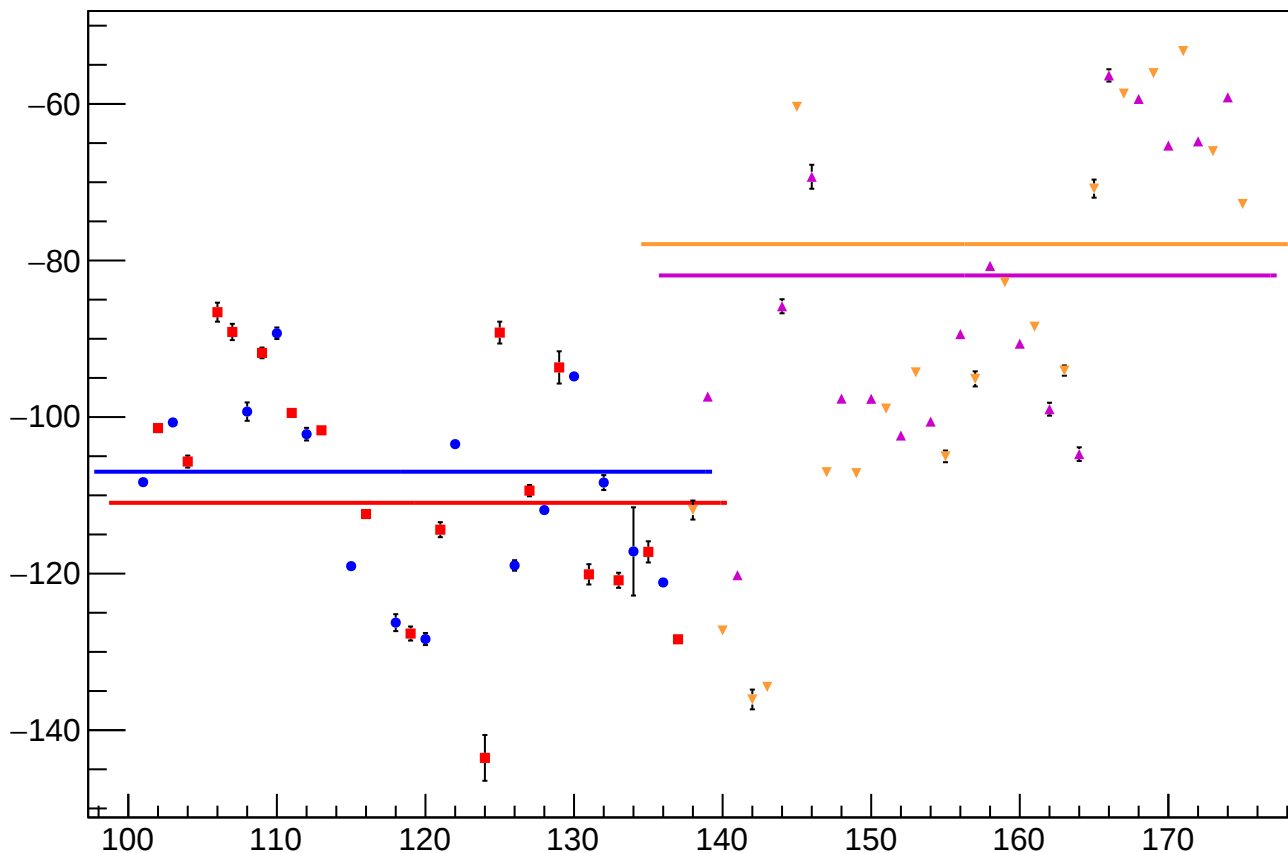
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -12.611 ± 0.126 $\chi^2/\text{NDF}: 6128.9/19$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -13.136 ± 0.111 $\chi^2/\text{NDF}: 6936.7/17$

Left: -12.907 ± 0.083 $\chi^2/\text{NDF}: 13075.5/37$
 Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$
 In: -13.182 ± 0.096 $\chi^2/\text{NDF}: 7950.4/32$
 Out: -12.248 ± 0.084 $\chi^2/\text{NDF}: 8631.2/37$
 All: -12.652 ± 0.063 $\chi^2/\text{NDF}: 16635.1/70$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -77.911 ± 0.101 $\chi^2/\text{NDF}: 52126.6/19$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.909 ± 0.093 $\chi^2/\text{NDF}: 41077.3/17$

Left: -80.067 ± 0.068 $\chi^2/\text{NDF}: 94050.5/37$

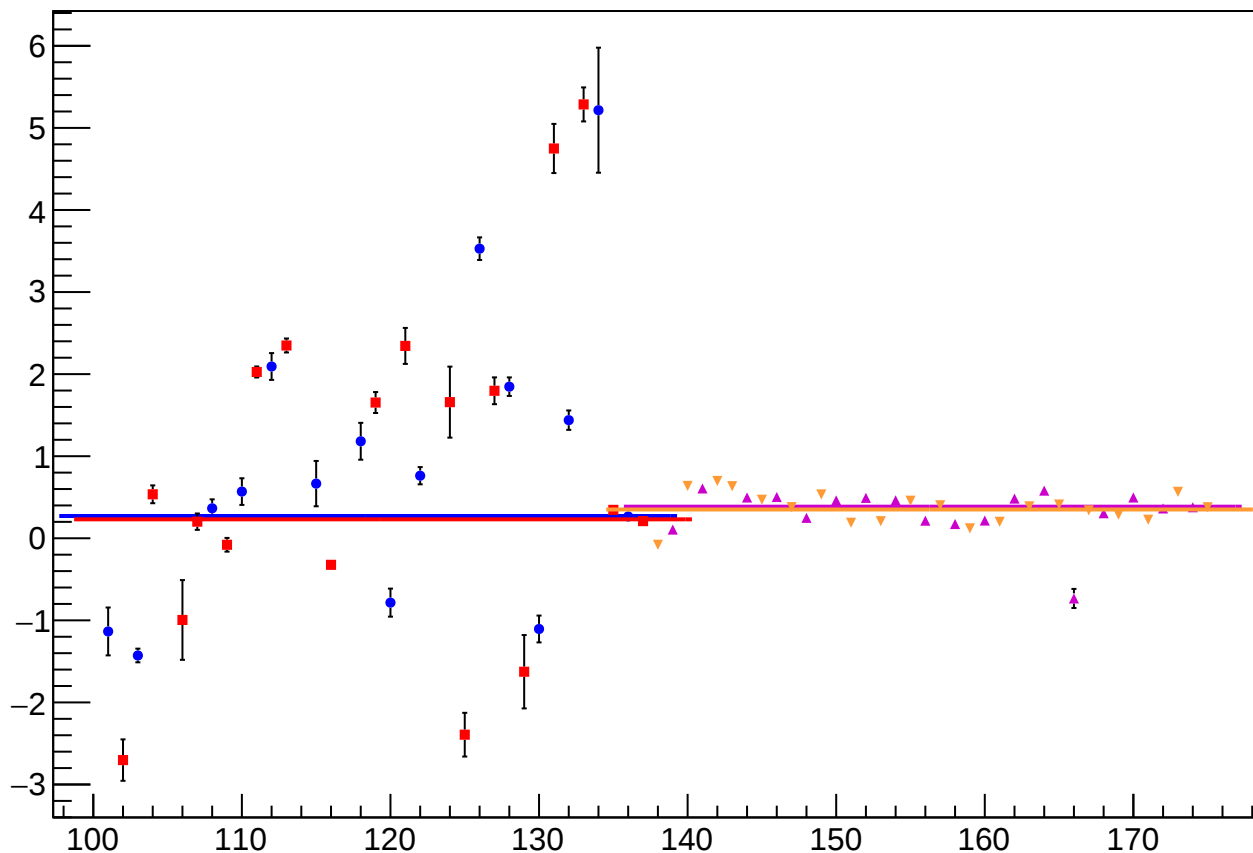
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -92.395 ± 0.071 $\chi^2/\text{NDF}: 75951.5/32$

Out: -104.402 ± 0.045 $\chi^2/\text{NDF}: 148781.0/37$

All: -100.978 ± 0.038 $\chi^2/\text{NDF}: 245090.1/70$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.351 ± 0.002 $\chi^2/\text{NDF}: 8955.3/19$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.385 ± 0.002 $\chi^2/\text{NDF}: 8292.1/17$

Left: 0.370 ± 0.001 $\chi^2/\text{NDF}: 17438.1/37$

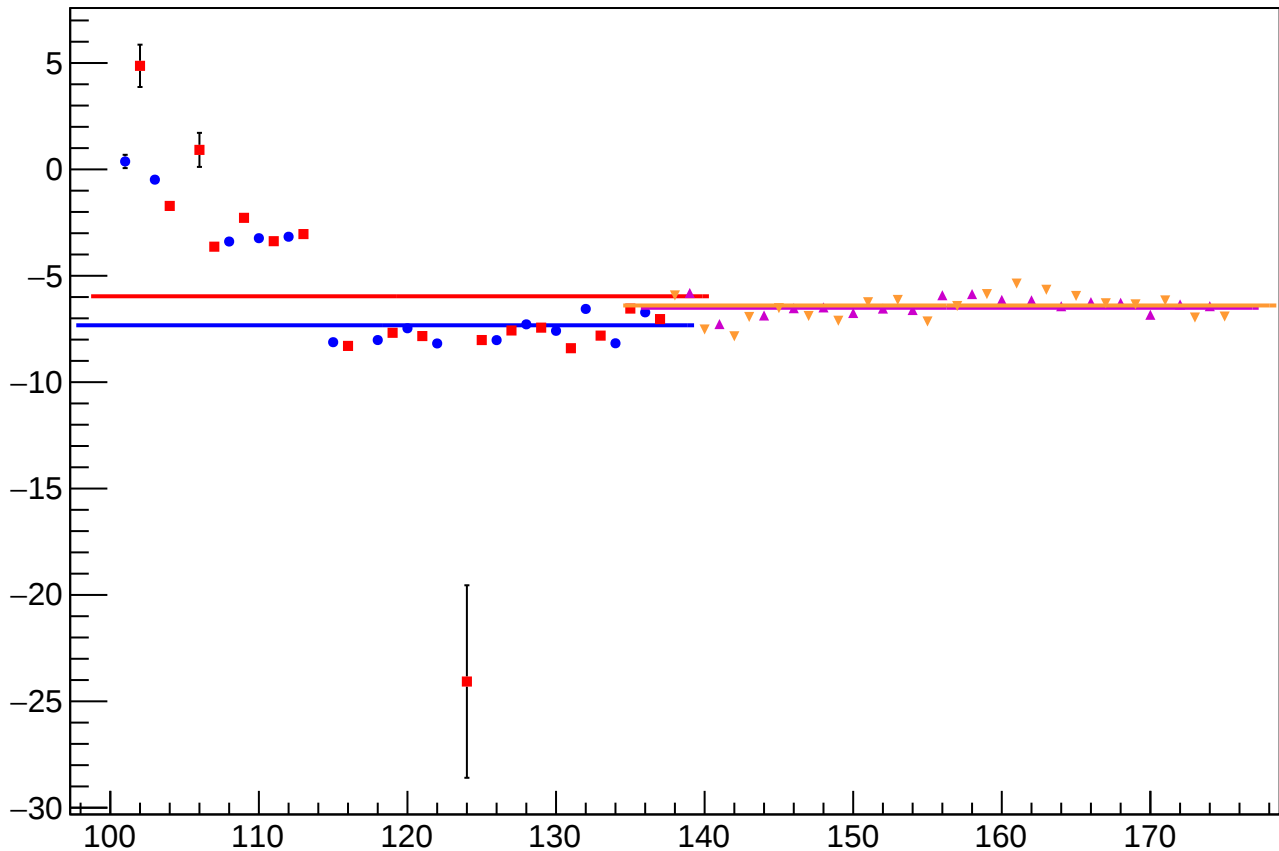
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10320.2/32$

Out: 0.333 ± 0.002 $\chi^2/\text{NDF}: 12491.4/37$

All: 0.355 ± 0.001 $\chi^2/\text{NDF}: 23136.9/70$

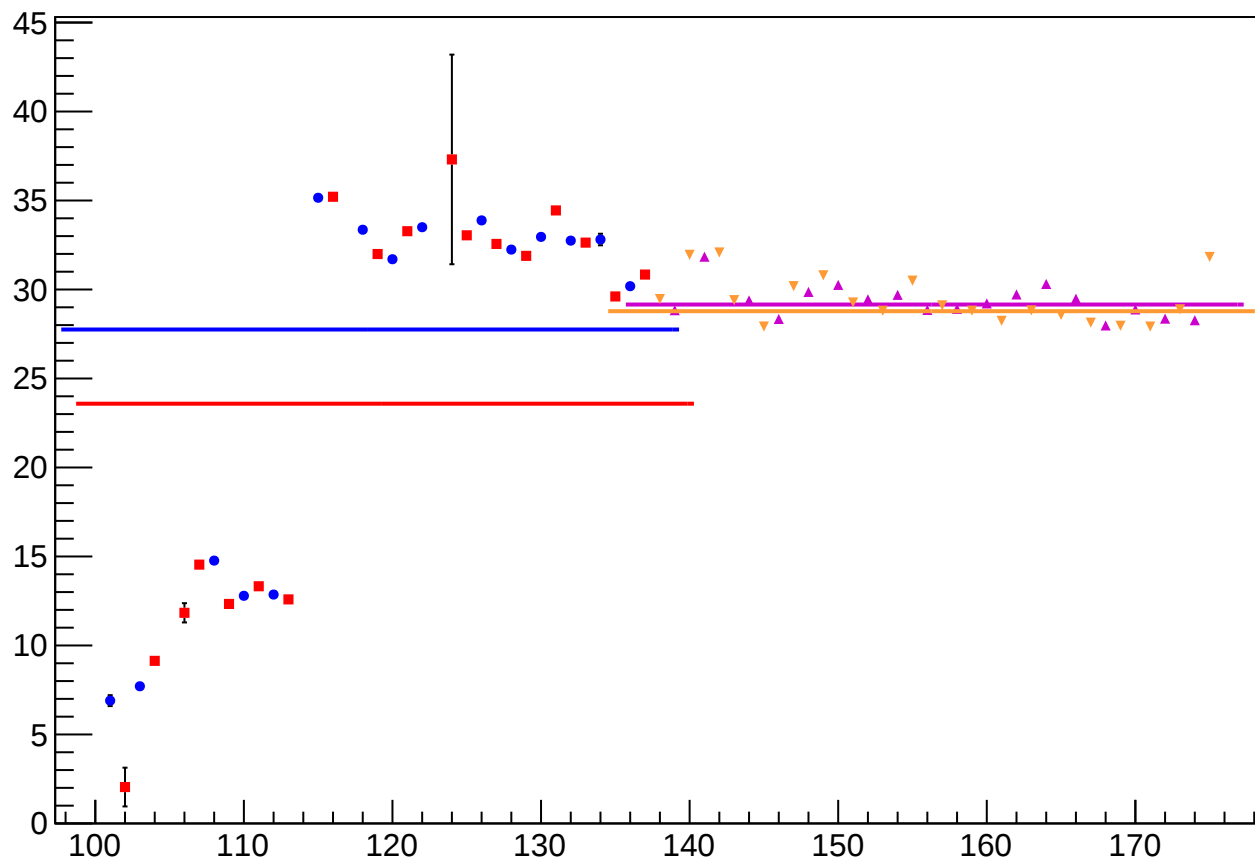
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 χ^2/NDF : 30494.2/14
 Left Out: -6.395 ± 0.005 χ^2/NDF : 6518.9/19
 Right Out: -5.964 ± 0.009 χ^2/NDF : 71807.1/17
 Left In: -6.504 ± 0.005 χ^2/NDF : 6529.1/17

Left: -6.453 ± 0.003 χ^2/NDF : 13292.4/37
 Right: -6.677 ± 0.006 χ^2/NDF : 114918.0/32
 In: -6.704 ± 0.004 χ^2/NDF : 44323.0/32
 Out: -6.288 ± 0.004 χ^2/NDF : 80141.9/37
 All: -6.508 ± 0.003 χ^2/NDF : 129236.1/70

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.782 $\pm$ 0.009 χ^2 /NDF:14271.0/19

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.156 $\pm$ 0.009 χ^2 /NDF:7533.6/17

Left: 28.974 $\pm$ 0.006 χ^2 /NDF: 22711.4/37

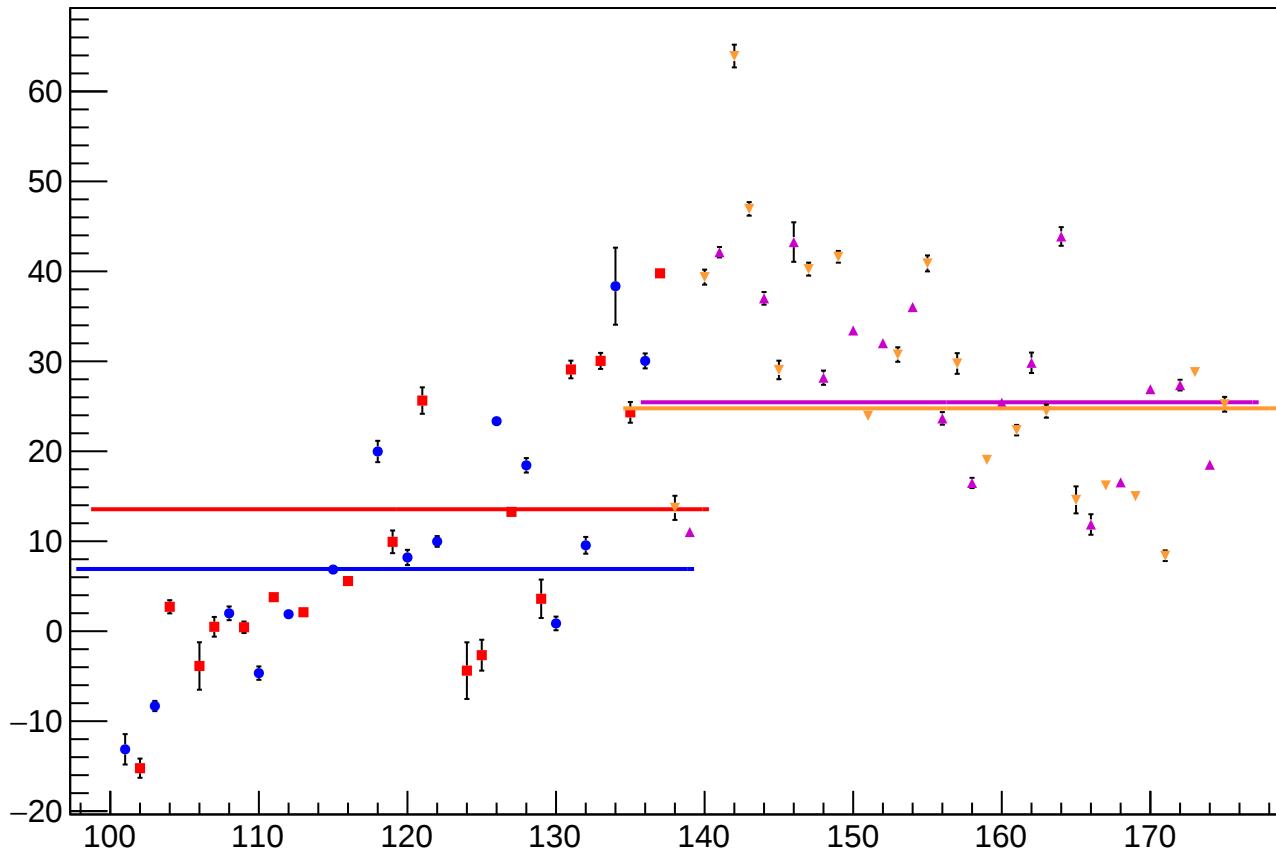
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.807 $\pm$ 0.007 χ^2 /NDF:347009.0/32

Out: 27.240 $\pm$ 0.007 χ^2 /NDF:654914.4/37

All: 28.021 $\pm$ 0.005 χ^2 /NDF: 1023860.5/70

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.773 ± 0.139 $\chi^2/\text{NDF}: 5968.7/19$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.447 ± 0.121 $\chi^2/\text{NDF}: 5812.2/17$

Left: 25.158 ± 0.091 $\chi^2/\text{NDF}: 11794.4/37$

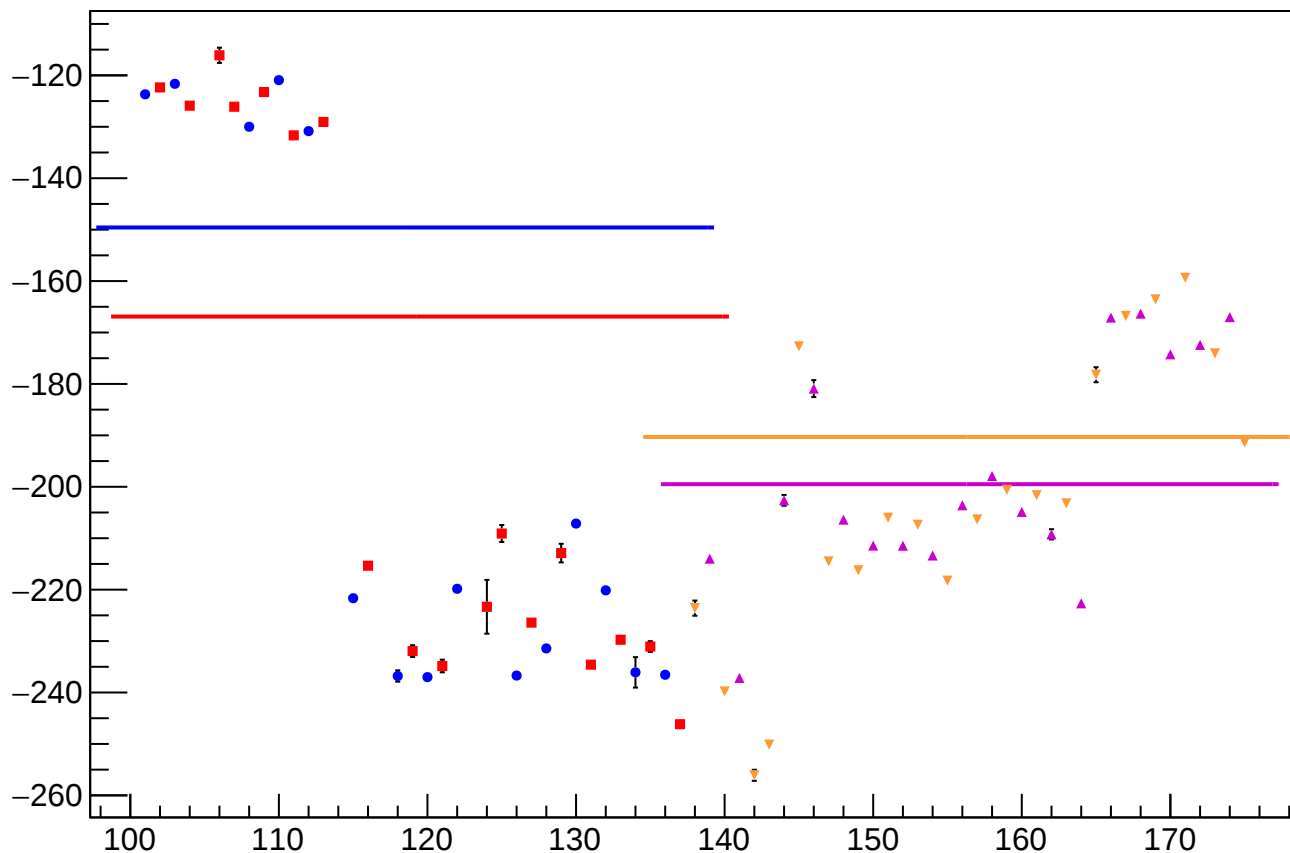
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.540 ± 0.100 $\chi^2/\text{NDF}: 16820.6/32$

Out: 19.395 ± 0.100 $\chi^2/\text{NDF}: 20737.5/37$

All: 19.468 ± 0.071 $\chi^2/\text{NDF}: 37559.1/70$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2 /NDF: 195091.5/14

Left Out: -190.312+/-0.113 χ^2 /NDF: 48394.3/19

Right Out: -166.899+/-0.101 χ^2 /NDF: 295489.9/17

Left In: -199.492+/-0.103 χ^2 /NDF: 39316.5/17

Left: -195.319+/-0.076 χ^2 /NDF: 91328.8/37

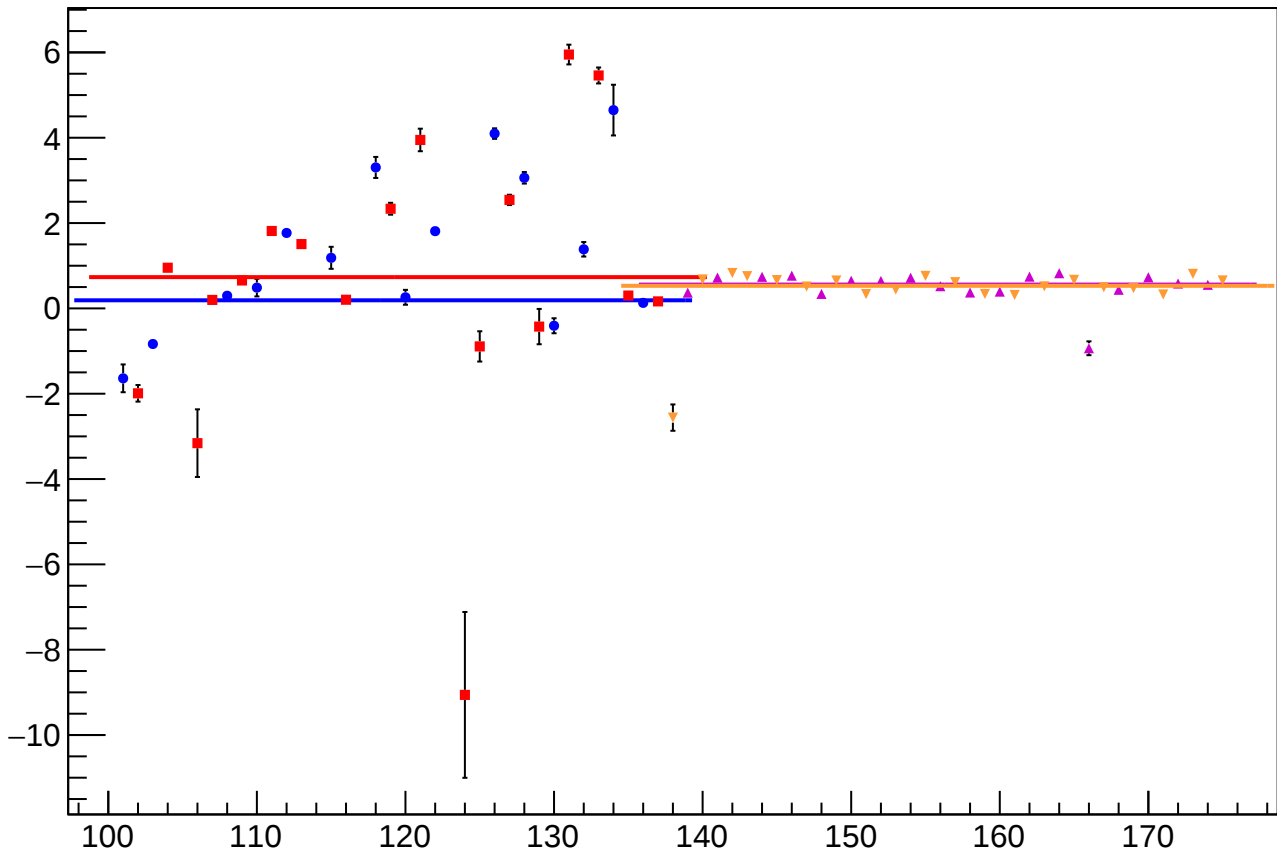
Right: -158.264+/-0.071 χ^2 /NDF: 505360.9/32

In: -174.039+/-0.072 χ^2 /NDF: 354386.5/32

Out: -177.278+/-0.075 χ^2 /NDF: 367900.6/37

All: -175.592+/-0.052 χ^2 /NDF: 723256.4/70

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.529 $\pm$ 0.002 χ^2/NDF : 8070.5/19

Right Out: 0.733 $\pm$ 0.020 χ^2/NDF : 2666.9/17

Left In: 0.558 $\pm$ 0.002 χ^2/NDF : 5290.5/17

Left: 0.544 $\pm$ 0.001 χ^2/NDF : 13457.3/37

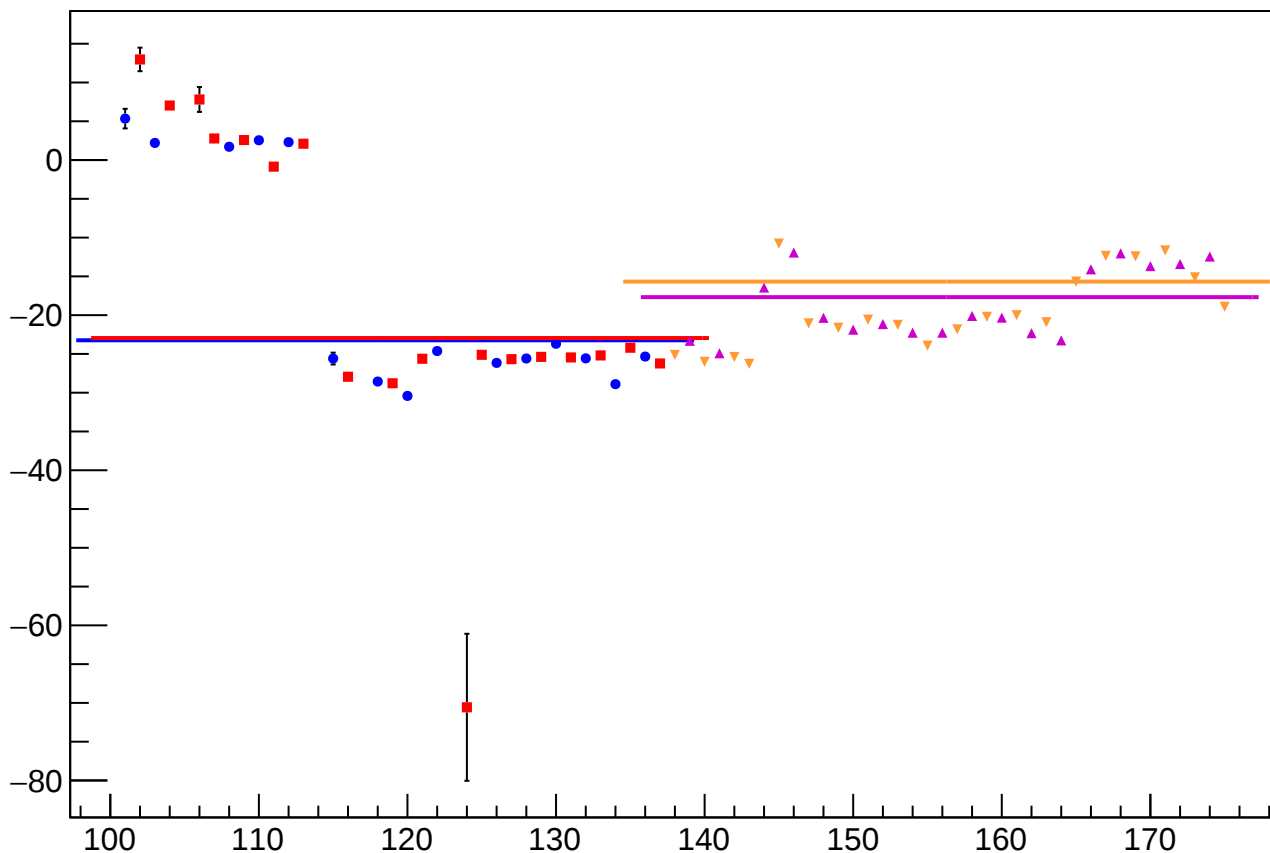
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

In: 0.538 $\pm$ 0.002 χ^2/NDF : 9751.9/32

Out: 0.532 $\pm$ 0.002 χ^2/NDF : 10842.3/37

All: 0.535 $\pm$ 0.001 χ^2/NDF : 20599.6/70

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -15.673 ± 0.012 χ^2/NDF : 176508.2/19

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -17.679 ± 0.012 χ^2/NDF : 120135.8/17

Left: -16.649 ± 0.008 χ^2/NDF : 311225.4/37

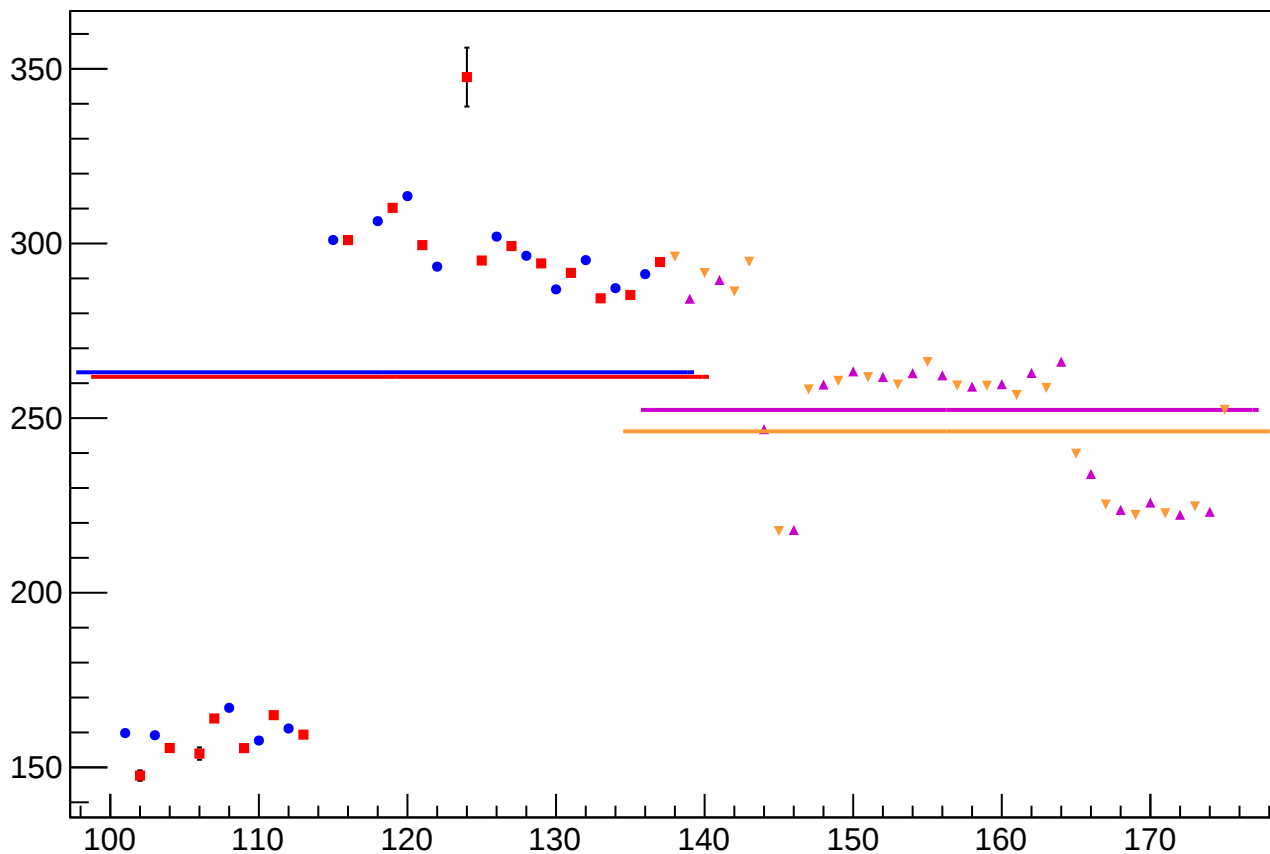
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -18.722 ± 0.011 χ^2/NDF : 264227.9/32

Out: -16.987 ± 0.010 χ^2/NDF : 355747.0/37

All: -17.836 ± 0.008 χ^2/NDF : 633340.3/70

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.221+/-0.029 χ^2/NDF : 674967.8/19

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.349+/-0.029 χ^2/NDF : 356310.3/17

Left: 249.276+/-0.020 χ^2/NDF : 1054191.2/37

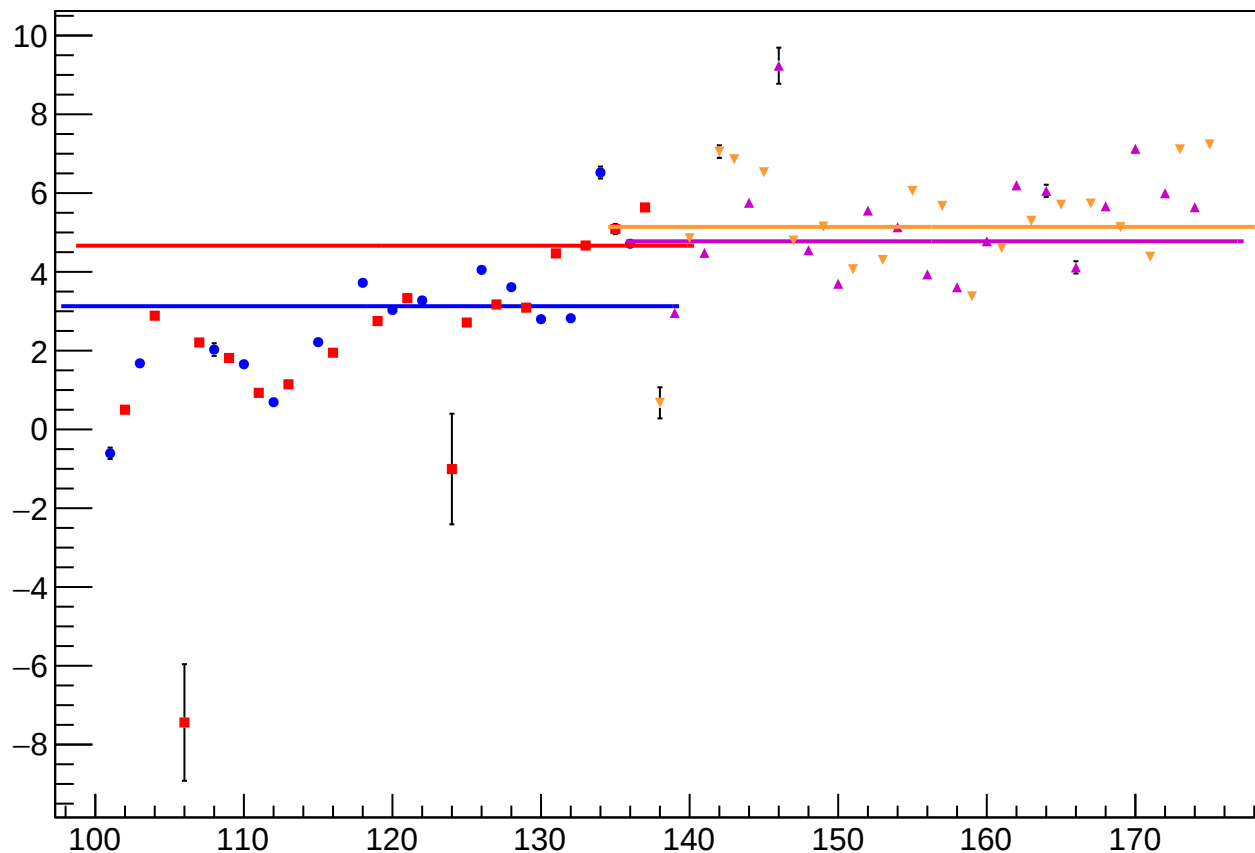
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.932+/-0.026 χ^2/NDF : 1069937.1/32

Out: 249.071+/-0.026 χ^2/NDF : 1735553.1/37

All: 251.442+/-0.018 χ^2/NDF : 2822754.2/70

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.142 ± 0.015 $\chi^2/\text{NDF}: 4095.2/19$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.776 ± 0.013 $\chi^2/\text{NDF}: 8979.7/17$

Left: 4.944 ± 0.010 $\chi^2/\text{NDF}: 13416.0/37$

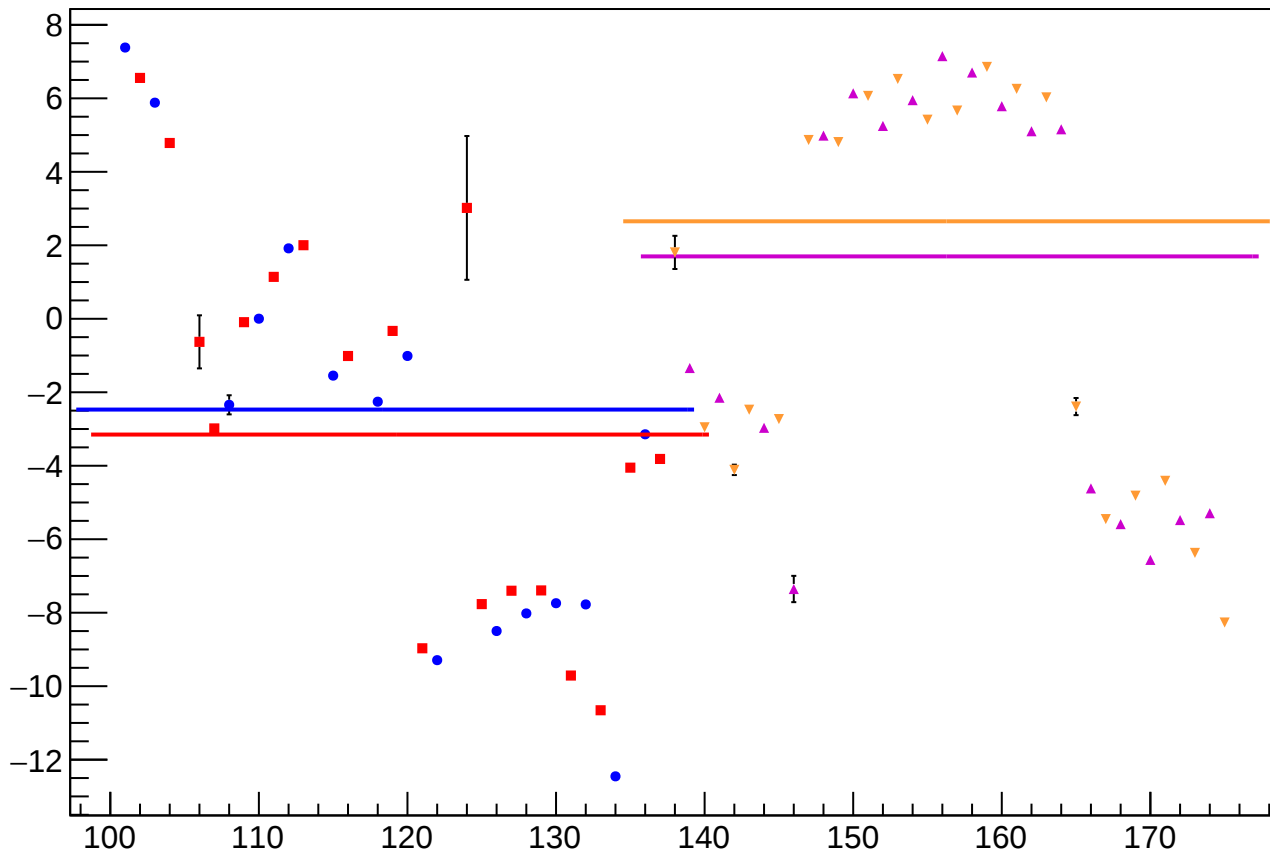
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.082 ± 0.010 $\chi^2/\text{NDF}: 20972.1/32$

Out: 4.741 ± 0.006 $\chi^2/\text{NDF}: 71861.9/37$

All: 4.579 ± 0.005 $\chi^2/\text{NDF}: 95970.8/70$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 2.653 ± 0.012 $\chi^2/\text{NDF}: 156042.5/19$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.698 ± 0.012 $\chi^2/\text{NDF}: 204265.3/17$

Left: 2.156 ± 0.008 $\chi^2/\text{NDF}: 363541.7/37$

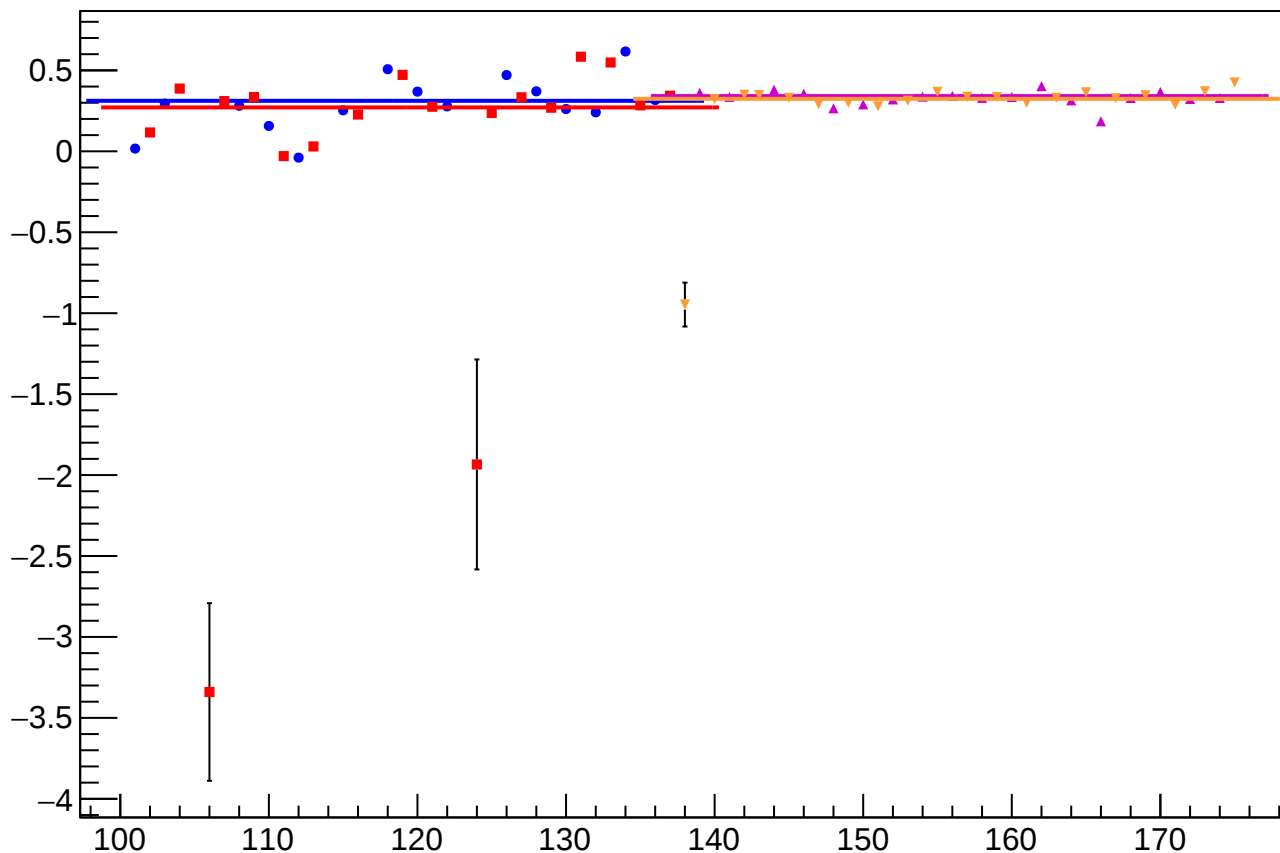
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.011 ± 0.009 $\chi^2/\text{NDF}: 498853.0/32$

Out: -1.565 ± 0.006 $\chi^2/\text{NDF}: 570076.5/37$

All: -1.041 ± 0.005 $\chi^2/\text{NDF}: 1089514.6/70$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.324 ± 0.001 $\chi^2/\text{NDF}: 2529.6/19$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.341 ± 0.001 $\chi^2/\text{NDF}: 3238.8/17$

Left: 0.333 ± 0.000 $\chi^2/\text{NDF}: 6181.9/37$

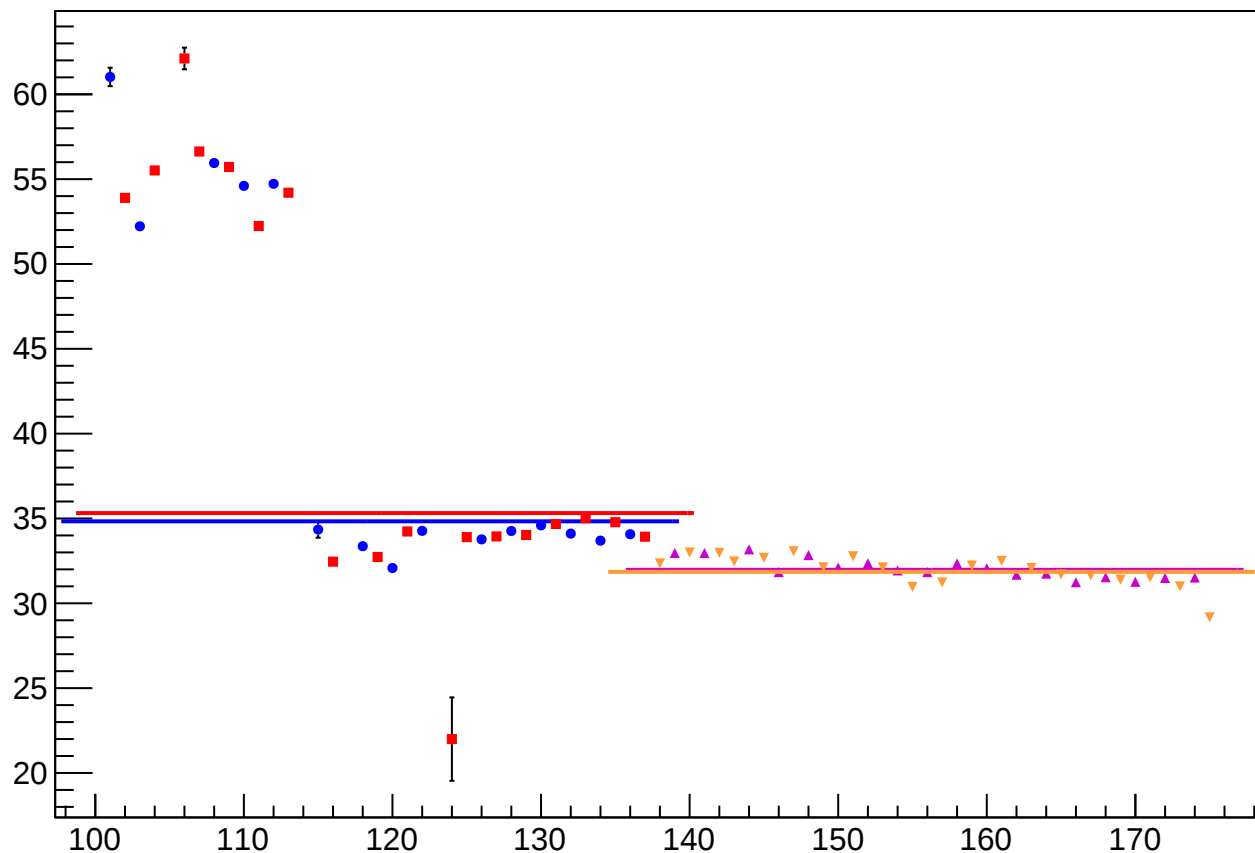
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 4987.8/32$

Out: 0.320 ± 0.001 $\chi^2/\text{NDF}: 9258.5/37$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14670.6/70$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 31.856+/-0.003 χ^2/NDF : 26746.5/19

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 31.975+/-0.004 χ^2/NDF : 14067.4/17

Left: 31.908+/-0.002 χ^2/NDF : 41394.1/37

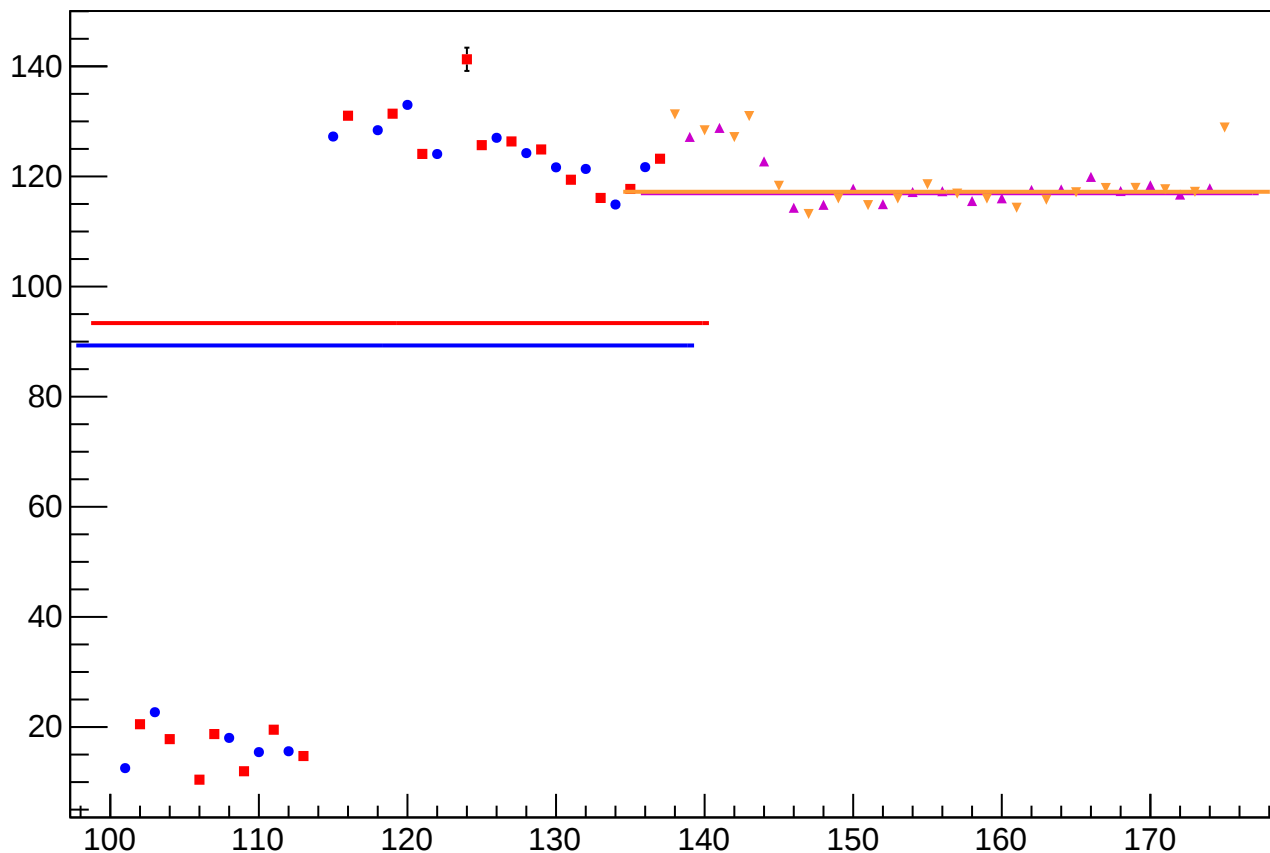
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 32.417+/-0.003 χ^2/NDF : 352490.6/32

Out: 32.194+/-0.003 χ^2/NDF : 397486.2/37

All: 32.296+/-0.002 χ^2/NDF : 752308.3/70

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.216 $\pm$ 0.008 χ^2 /NDF:124850.9/19

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 116.949 $\pm$ 0.009 χ^2 /NDF:44106.4/17

Left: 117.095 $\pm$ 0.006 χ^2 /NDF: 169459.4/37

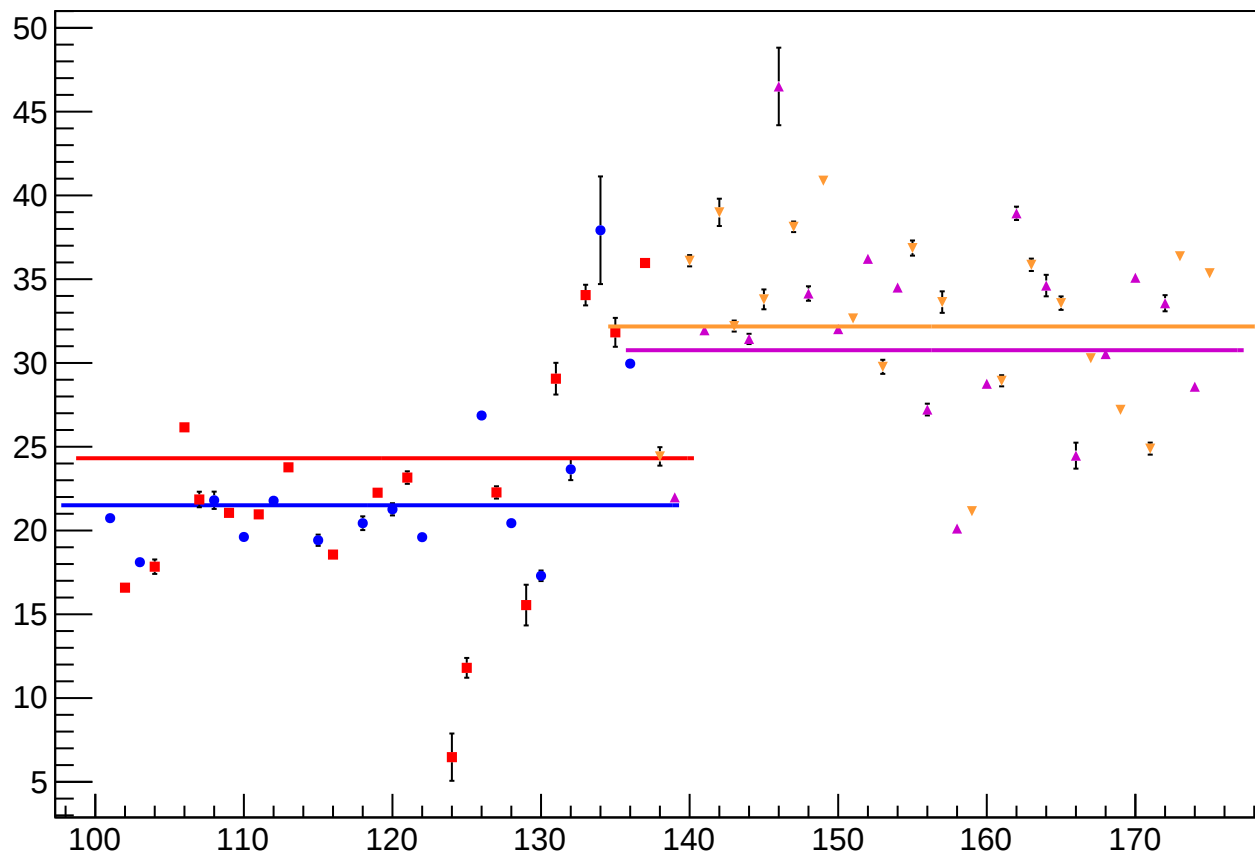
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.364 $\pm$ 0.008 χ^2 /NDF:3998971.0/32

Out: 115.619 $\pm$ 0.008 χ^2 /NDF:3569301.1/37

All: 115.042 $\pm$ 0.006 χ^2 /NDF: 7580354.3/70

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 32.179 ± 0.073 $\chi^2/\text{NDF}: 4981.0/19$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.761 ± 0.065 $\chi^2/\text{NDF}: 5594.3/17$

Left: 31.384 ± 0.048 $\chi^2/\text{NDF}: 10785.9/37$

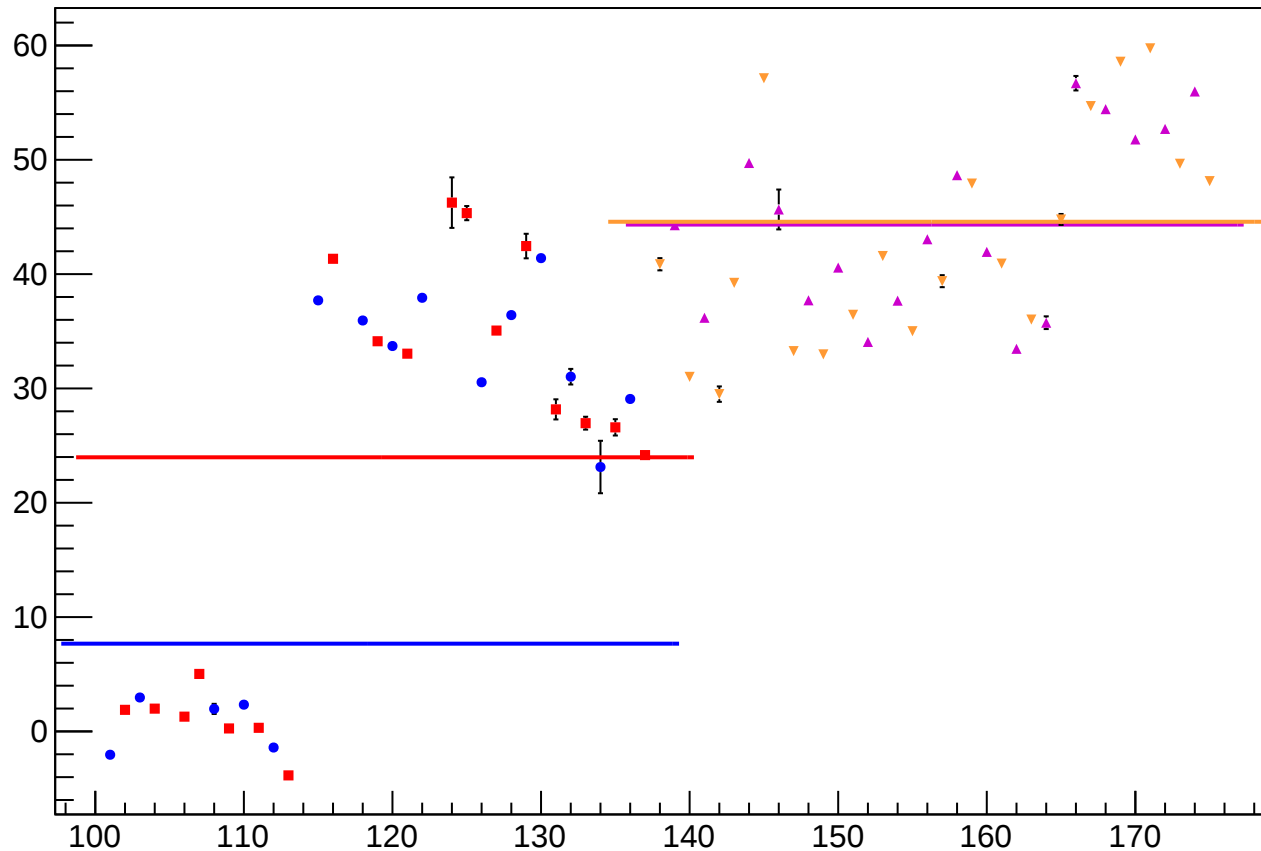
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.646 ± 0.048 $\chi^2/\text{NDF}: 17649.4/32$

Out: 27.381 ± 0.046 $\chi^2/\text{NDF}: 26331.4/37$

All: 27.033 ± 0.033 $\chi^2/\text{NDF}: 44103.2/70$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 44.580 ± 0.060 $\chi^2/\text{NDF}: 21817.6/19$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 44.334 ± 0.055 $\chi^2/\text{NDF}: 16235.2/17$

Left: 44.444 ± 0.041 $\chi^2/\text{NDF}: 38061.9/37$

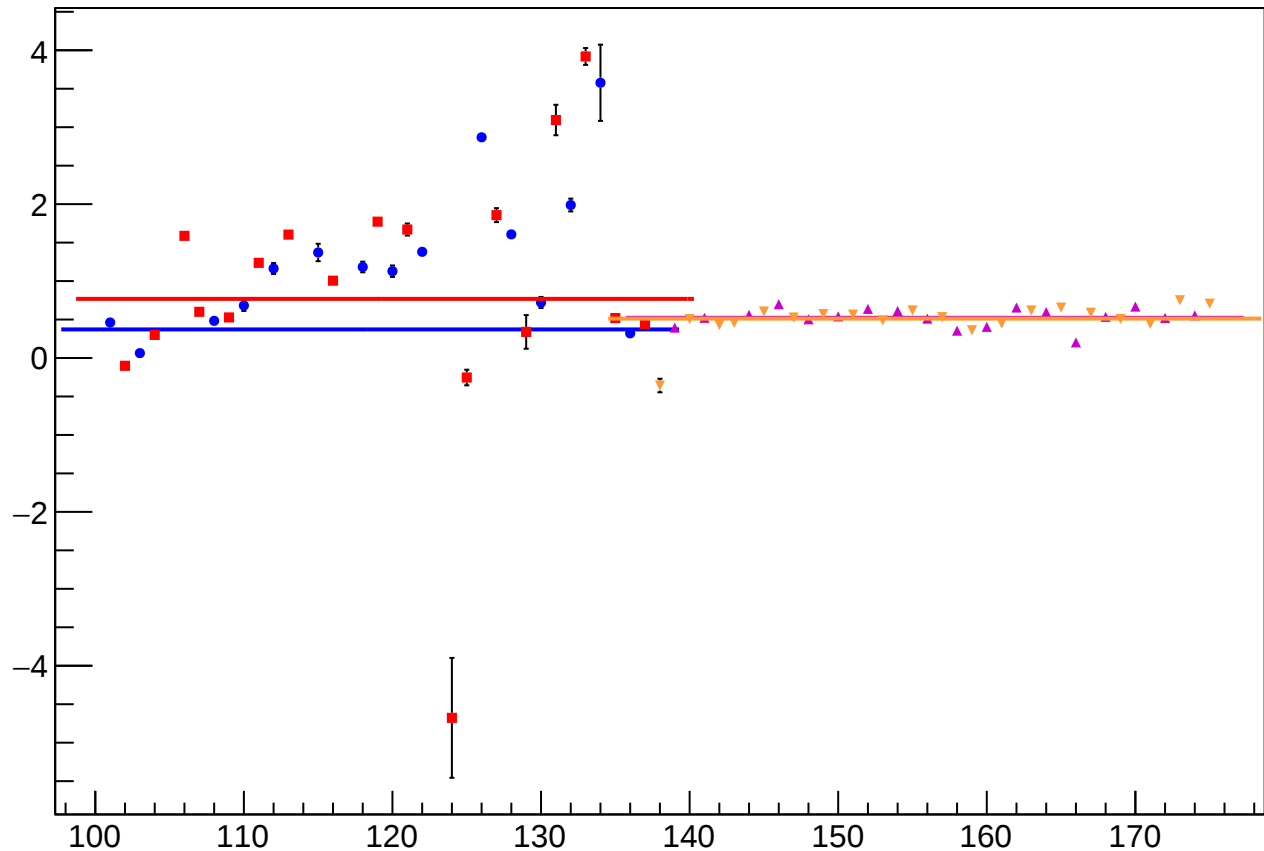
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 22.603 ± 0.035 $\chi^2/\text{NDF}: 380123.1/32$

Out: 24.347 ± 0.008 $\chi^2/\text{NDF}: 246356.7/37$

All: 24.258 ± 0.008 $\chi^2/\text{NDF}: 628858.9/70$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.512 ± 0.001 $\chi^2/\text{NDF}: 13102.3/19$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.522 ± 0.001 $\chi^2/\text{NDF}: 10578.6/17$

Left: 0.518 ± 0.001 $\chi^2/\text{NDF}: 23727.7/37$

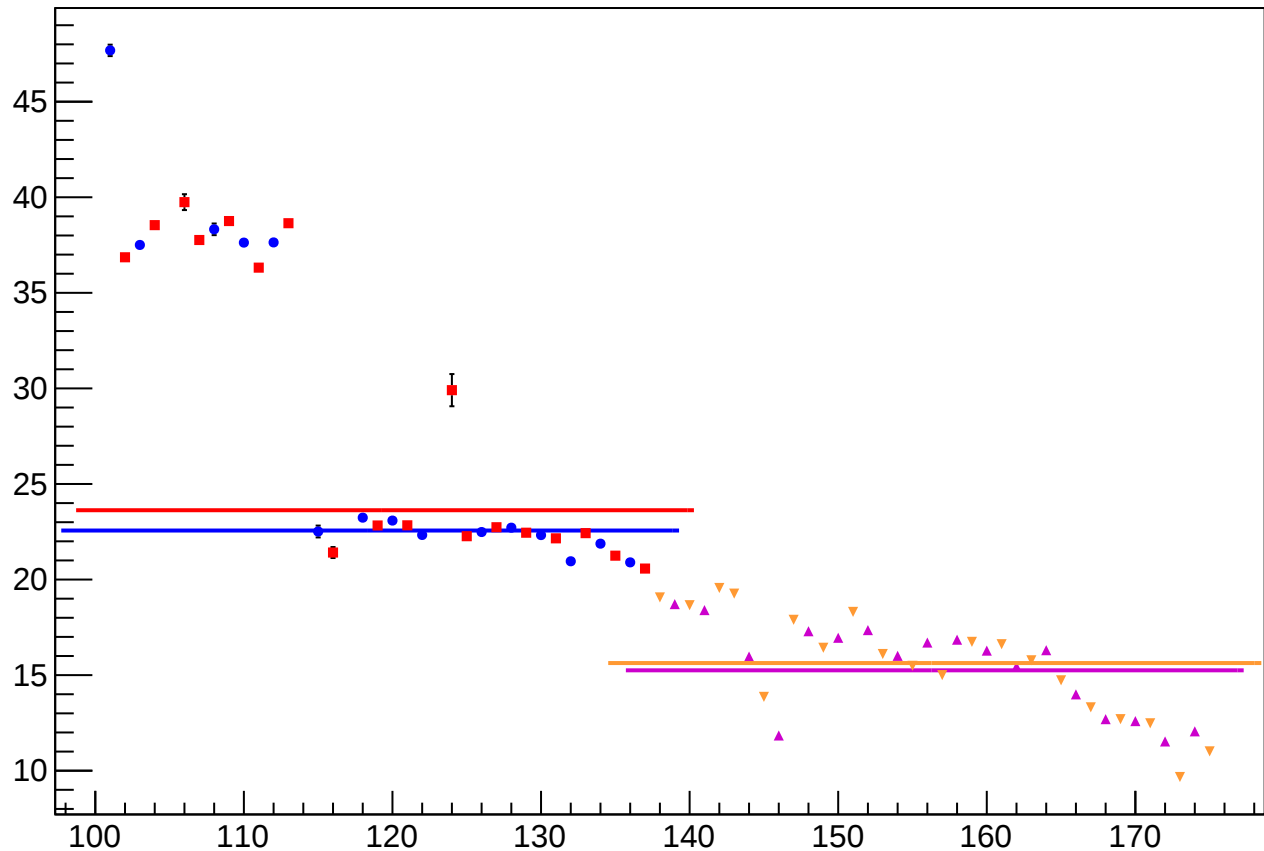
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.515 ± 0.001 $\chi^2/\text{NDF}: 16461.3/32$

Out: 0.518 ± 0.001 $\chi^2/\text{NDF}: 18576.6/37$

All: 0.516 ± 0.001 $\chi^2/\text{NDF}: 35044.3/70$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 15.632+/-0.006 χ^2/NDF : 191452.8/19

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 15.251+/-0.006 χ^2/NDF : 127363.6/17

Left: 15.454+/-0.004 χ^2/NDF : 320749.9/37

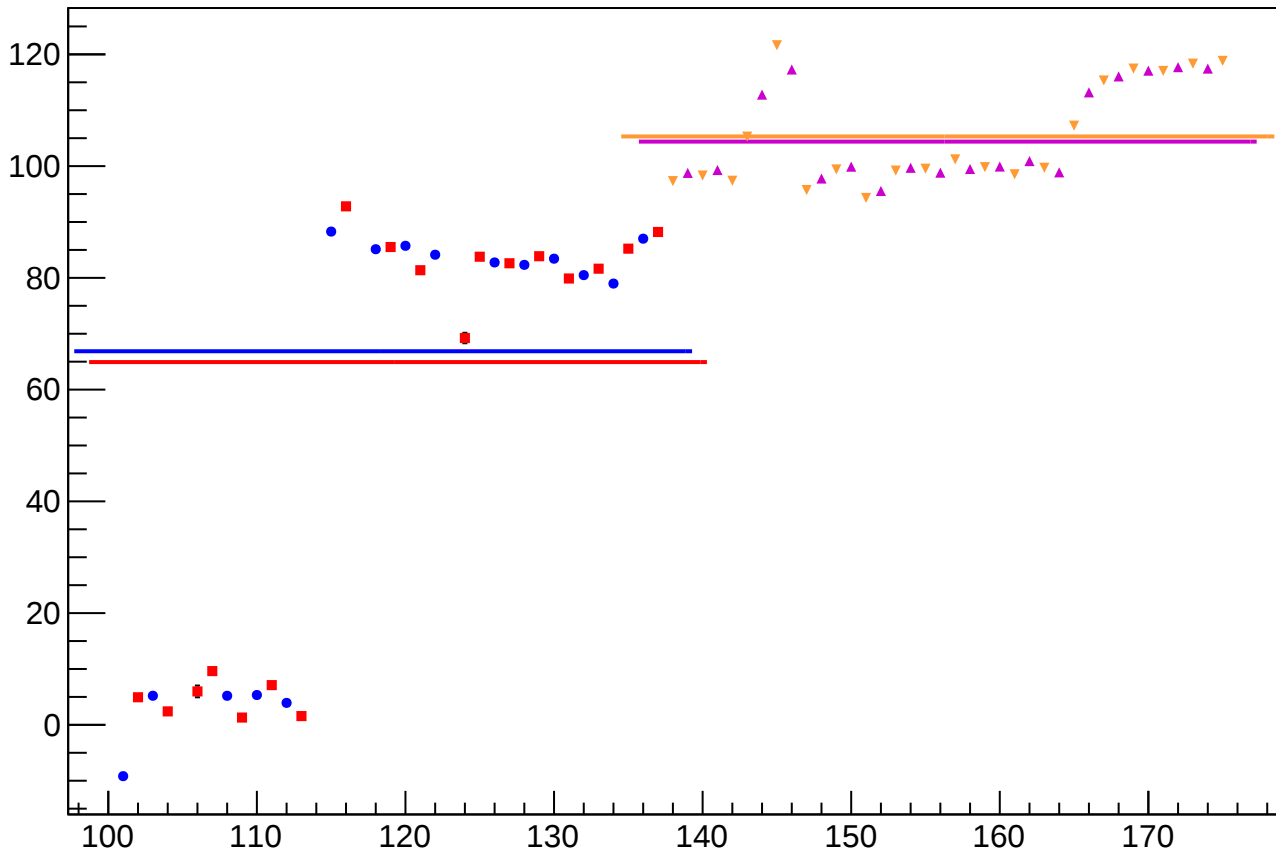
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 17.290+/-0.005 χ^2/NDF : 593000.1/32

Out: 17.371+/-0.005 χ^2/NDF : 711815.9/37

All: 17.332+/-0.004 χ^2/NDF : 1304934.9/70

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 105.310+/-0.011 χ^2/NDF : 636095.5/19

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 104.387+/-0.011 χ^2/NDF : 528538.6/17

Left: 104.850+/-0.008 χ^2/NDF : 1168105.3/37

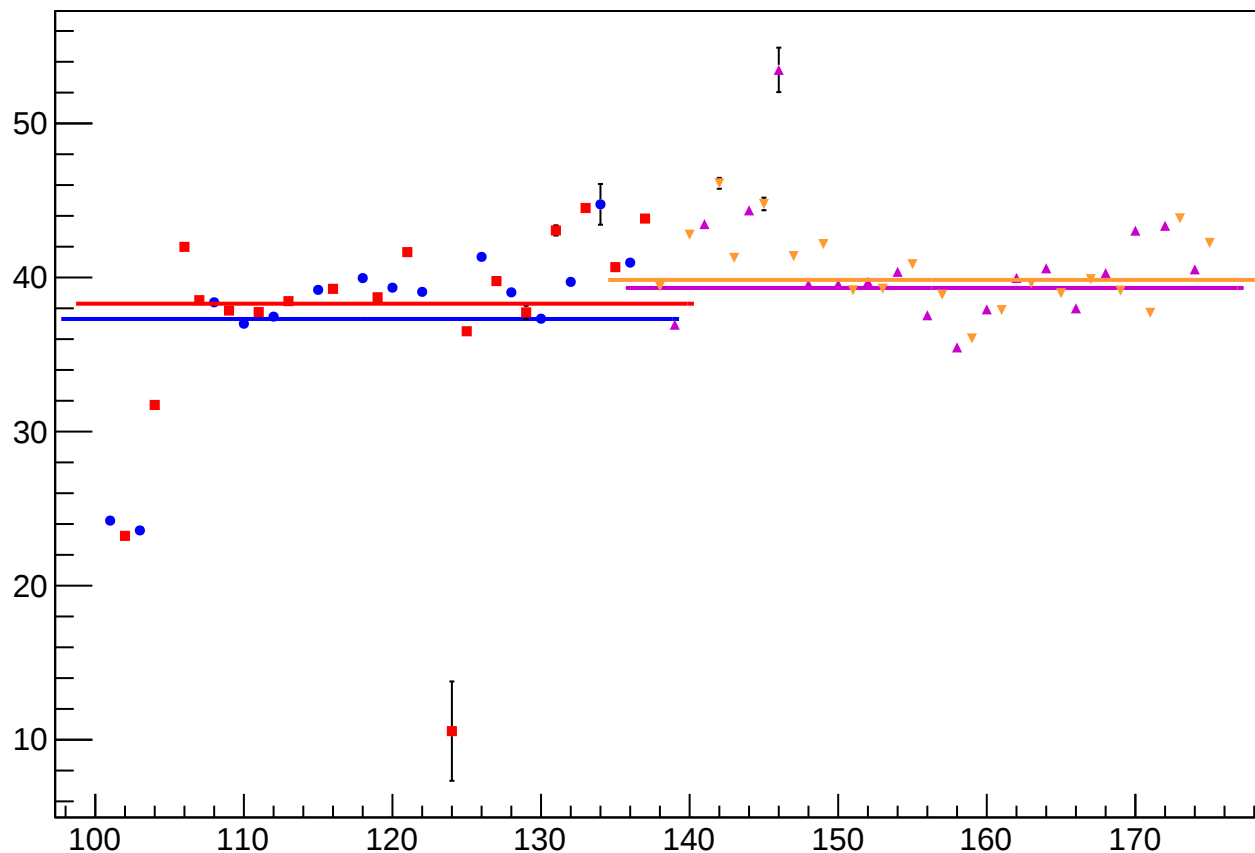
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 98.984+/-0.010 χ^2/NDF : 3668468.4/32

Out: 100.406+/-0.010 χ^2/NDF : 3591709.8/37

All: 99.688+/-0.007 χ^2/NDF : 7269675.8/70

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.844 ± 0.031 $\chi^2/\text{NDF}: 5336.1/19$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.322 ± 0.025 $\chi^2/\text{NDF}: 7579.0/17$

Left: 39.533 ± 0.020 $\chi^2/\text{NDF}: 13086.6/37$

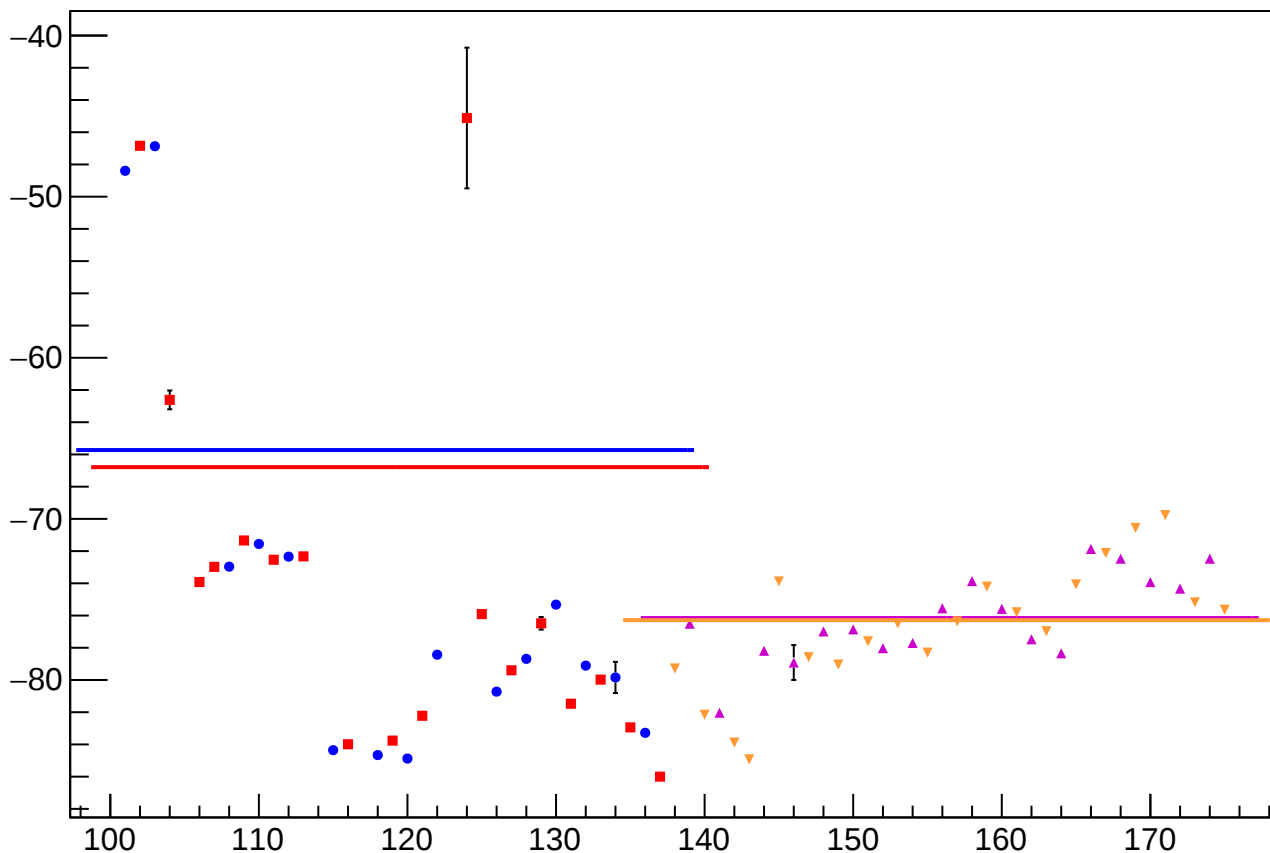
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.219 ± 0.017 $\chi^2/\text{NDF}: 70602.7/32$

Out: 38.775 ± 0.017 $\chi^2/\text{NDF}: 25918.8/37$

All: 38.497 ± 0.012 $\chi^2/\text{NDF}: 97051.2/70$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -76.288 ± 0.025 $\chi^2/\text{NDF}: 21774.0/19$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -76.154 ± 0.021 $\chi^2/\text{NDF}: 10074.9/17$

Left: -76.208 ± 0.016 $\chi^2/\text{NDF}: 31866.2/37$

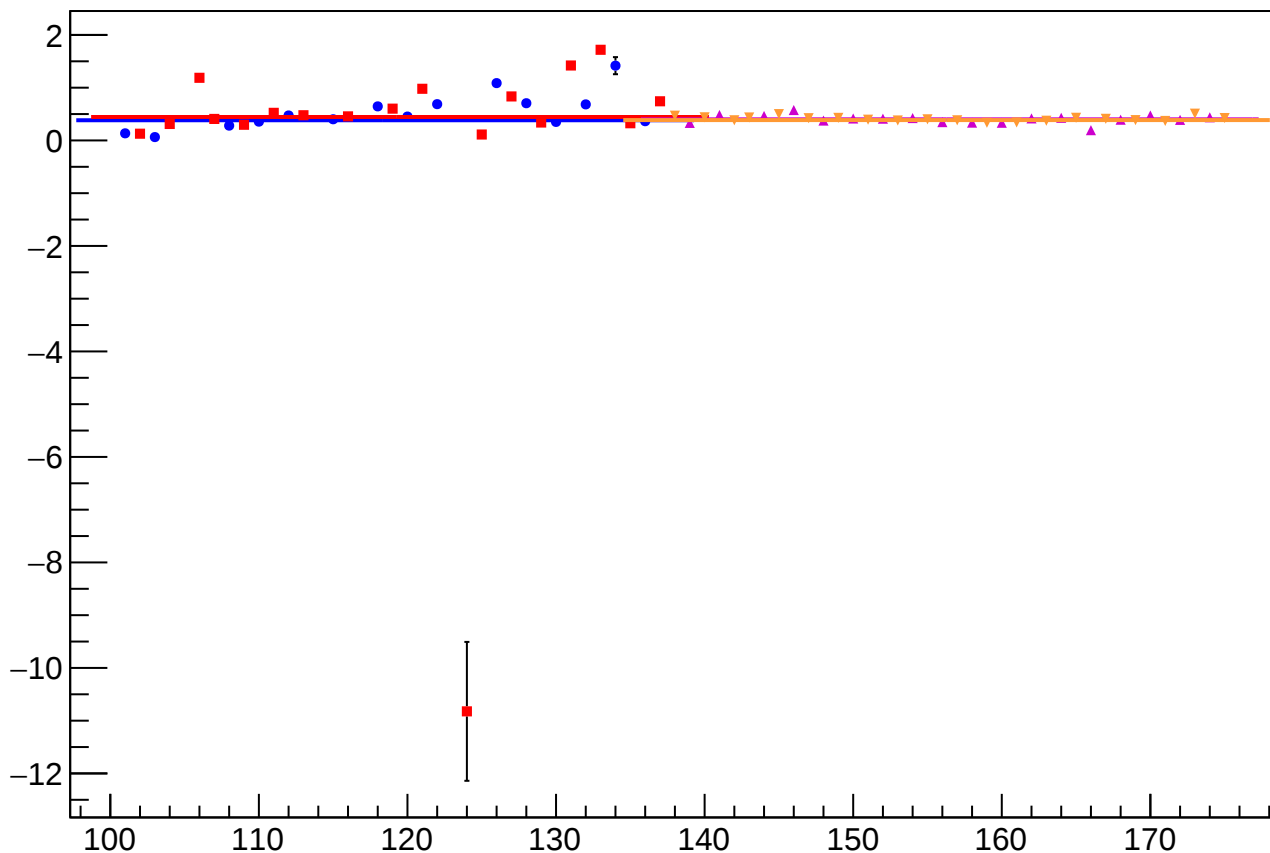
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -69.908 ± 0.013 $\chi^2/\text{NDF}: 1066636.1/32$

Out: -69.505 ± 0.013 $\chi^2/\text{NDF}: 934434.1/37$

All: -69.711 ± 0.009 $\chi^2/\text{NDF}: 2001535.4/70$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 ± 0.002 $\chi^2/\text{NDF}: 8173.1/14$

Left Out: 0.386 ± 0.000 $\chi^2/\text{NDF}: 9163.8/19$

Right Out: 0.444 ± 0.004 $\chi^2/\text{NDF}: 2786.2/17$

Left In: 0.400 ± 0.000 $\chi^2/\text{NDF}: 8007.7/17$

Left: 0.393 ± 0.000 $\chi^2/\text{NDF}: 17601.4/37$

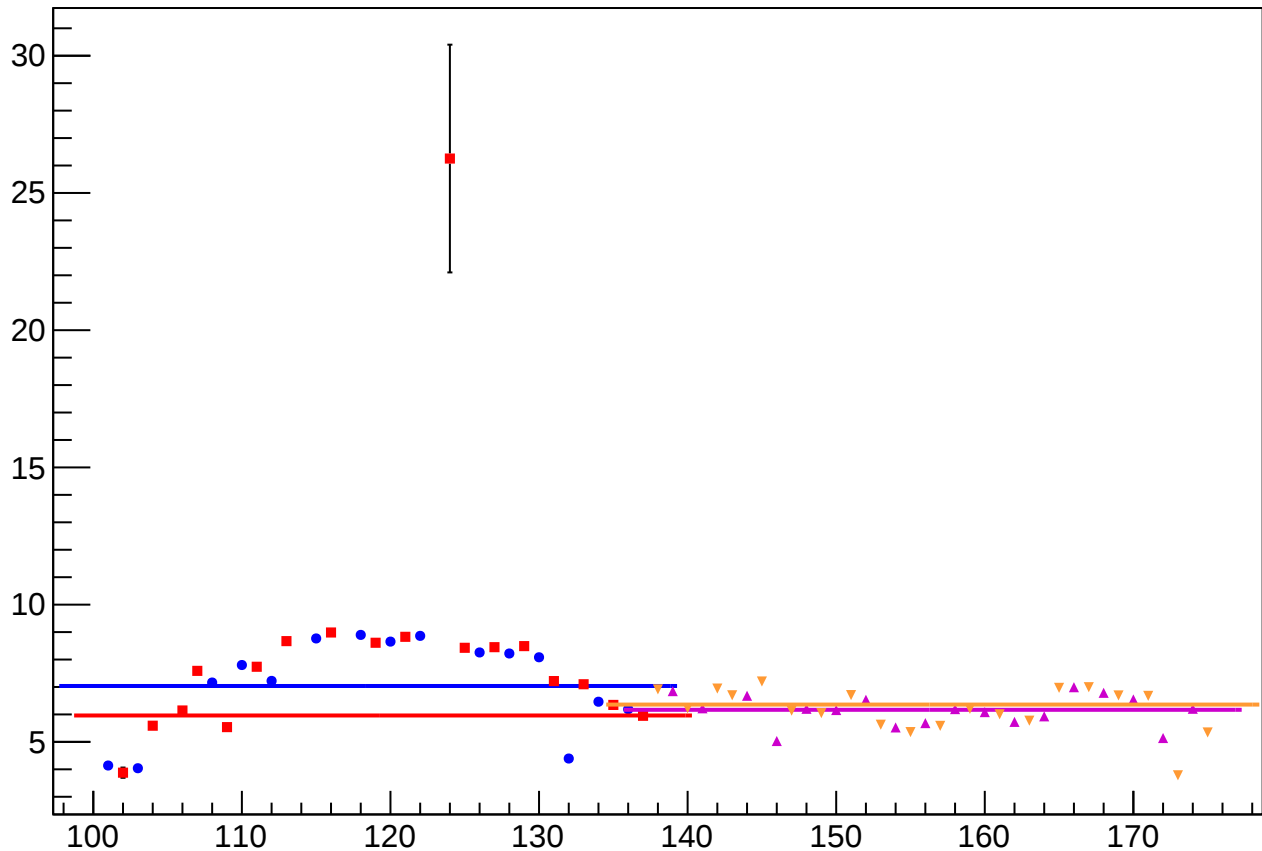
Right: 0.395 ± 0.002 $\chi^2/\text{NDF}: 11182.8/32$

In: 0.399 ± 0.000 $\chi^2/\text{NDF}: 16262.0/32$

Out: 0.387 ± 0.000 $\chi^2/\text{NDF}: 12199.0/37$

All: 0.393 ± 0.000 $\chi^2/\text{NDF}: 28786.3/70$

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.359 ± 0.002 χ^2/NDF : 73263.7/19

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.168 ± 0.002 χ^2/NDF : 45250.1/17

Left: 6.259 ± 0.001 χ^2/NDF : 125605.3/37

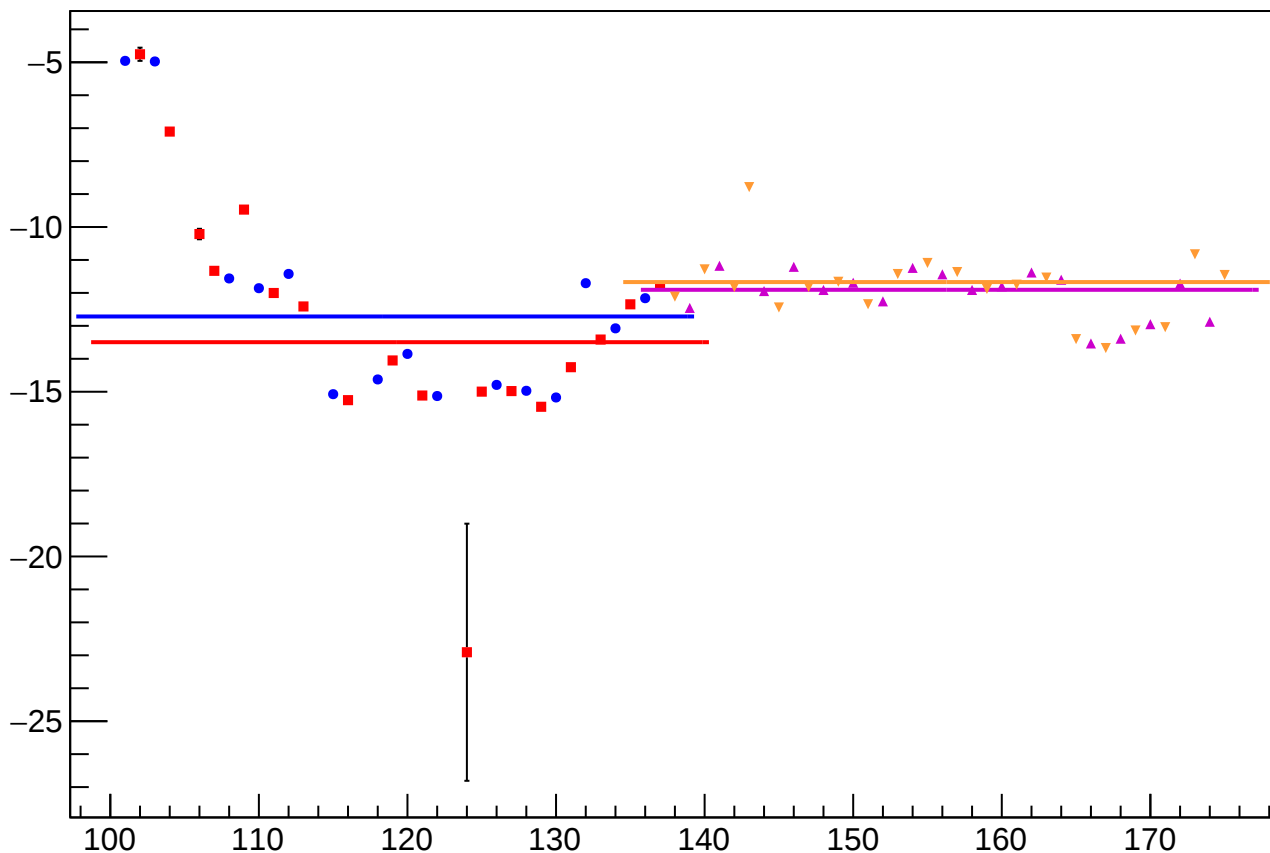
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.260 ± 0.001 χ^2/NDF : 148083.0/32

Out: 5.985 ± 0.000 χ^2/NDF : 296696.8/37

All: 6.003 ± 0.000 χ^2/NDF : 477446.0/70

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.671 ± 0.002 $\chi^2/\text{NDF}: 334128.1/19$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.906 ± 0.002 $\chi^2/\text{NDF}: 63449.4/17$

Left: -11.792 ± 0.002 $\chi^2/\text{NDF}: 403274.7/37$

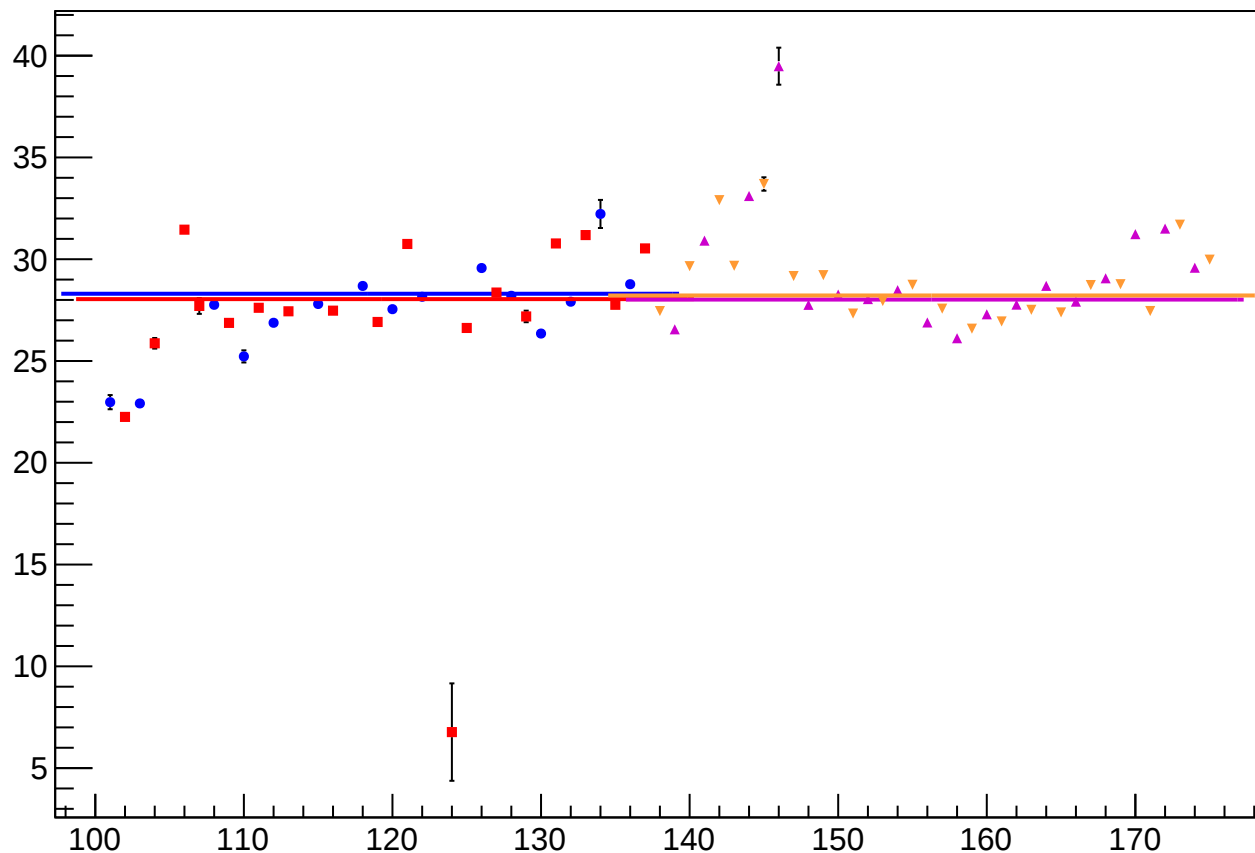
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.990 ± 0.002 $\chi^2/\text{NDF}: 163094.7/32$

Out: -11.905 ± 0.002 $\chi^2/\text{NDF}: 475837.0/37$

All: -11.948 ± 0.001 $\chi^2/\text{NDF}: 639776.8/70$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.219 $\pm$ 0.019 χ^2 /NDF: 5859.0/19

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.018 $\pm$ 0.016 χ^2 /NDF: 7786.5/17

Left: 28.101 $\pm$ 0.012 χ^2 /NDF: 13713.3/37

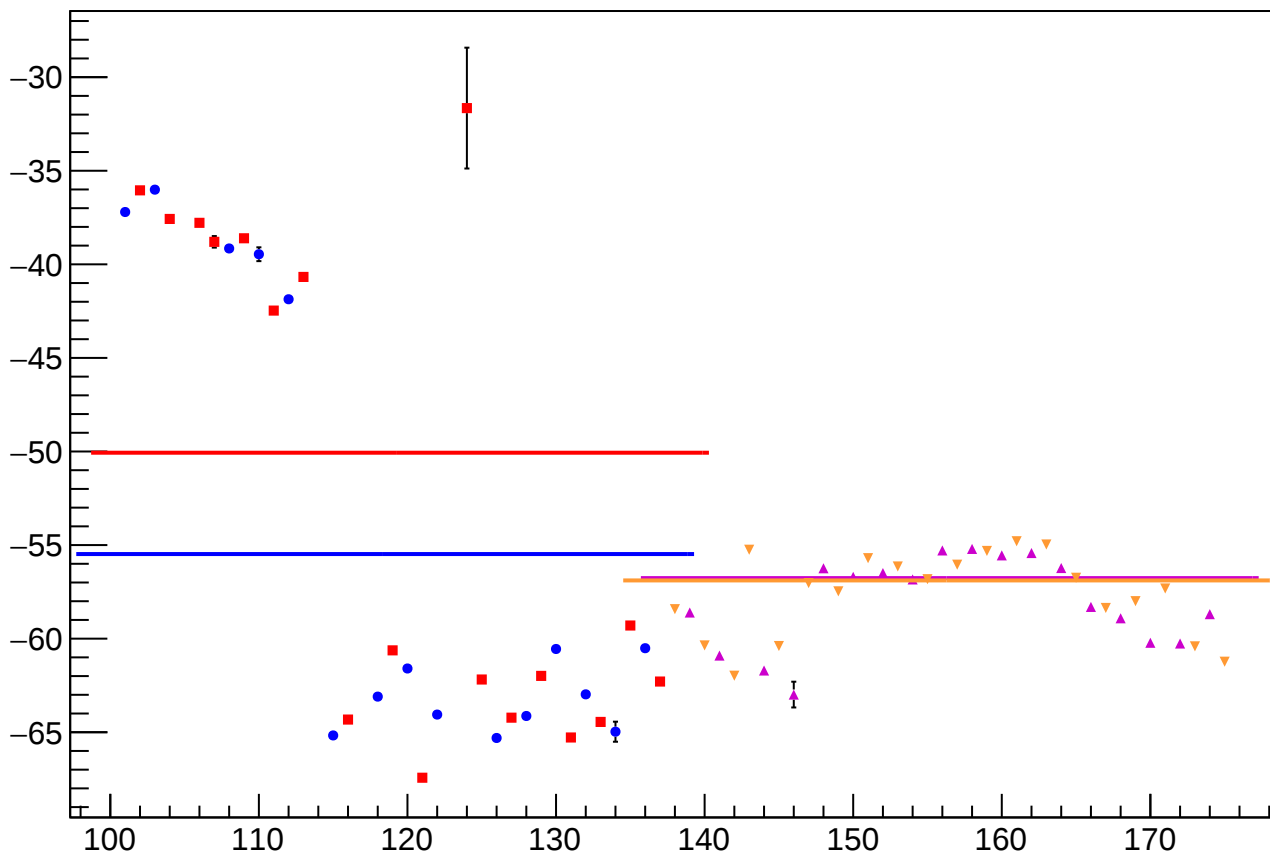
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.108 $\pm$ 0.013 χ^2 /NDF: 11291.7/32

Out: 28.169 $\pm$ 0.016 χ^2 /NDF: 8445.8/37

All: 28.133 $\pm$ 0.010 χ^2 /NDF: 19746.3/70

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.889 $\pm$ 0.016 χ^2 /NDF:15891.6/19

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -56.765 $\pm$ 0.013 χ^2 /NDF:13680.2/17

Left: -56.818 $\pm$ 0.010 χ^2 /NDF: 29608.3/37

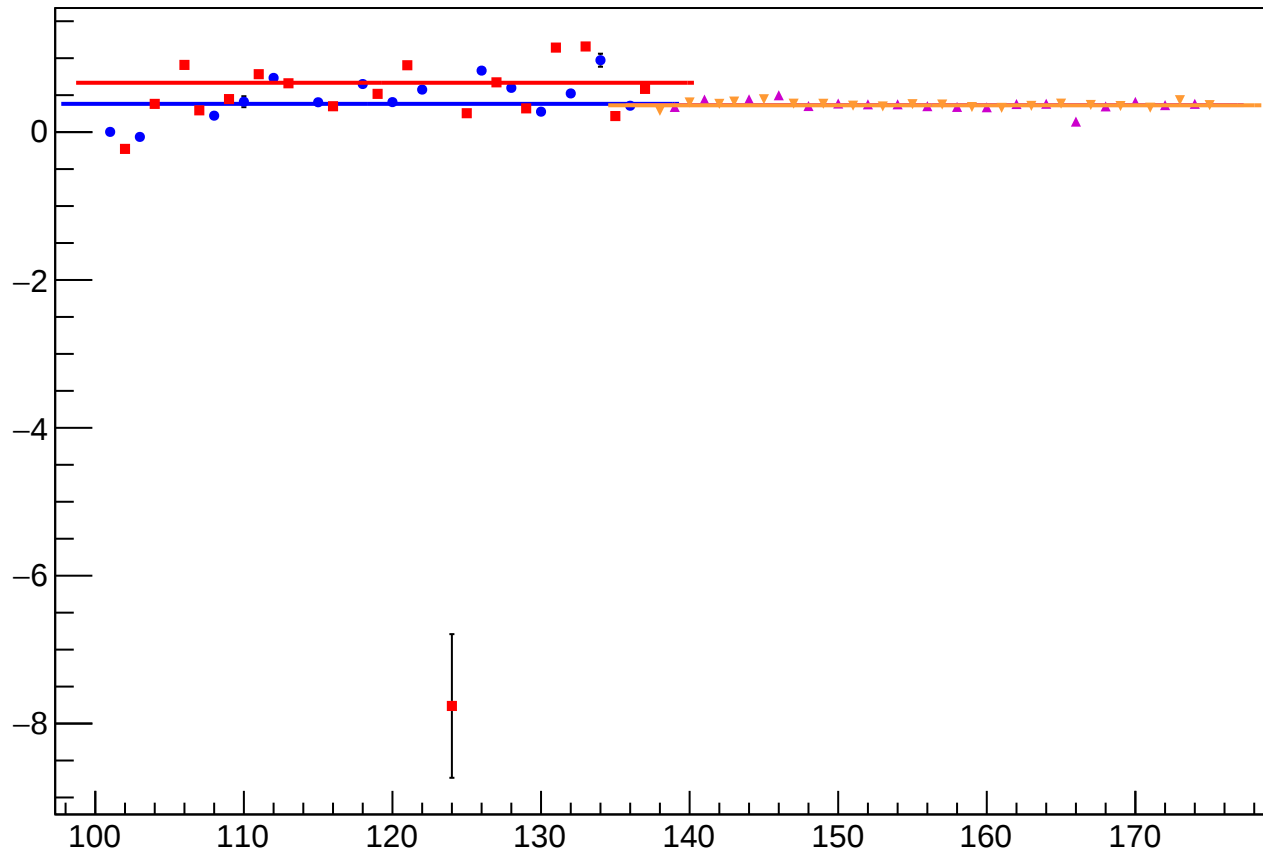
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.260 $\pm$ 0.010 χ^2 /NDF:612476.2/32

Out: -54.763 $\pm$ 0.013 χ^2 /NDF:415936.7/37

All: -55.672 $\pm$ 0.008 χ^2 /NDF: 1036577.1/70

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF: 7732.1/19

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.366 $\pm$ 0.000 χ^2 /NDF: 5800.7/17

Left: 0.365 $\pm$ 0.000 χ^2 /NDF: 13581.0/37

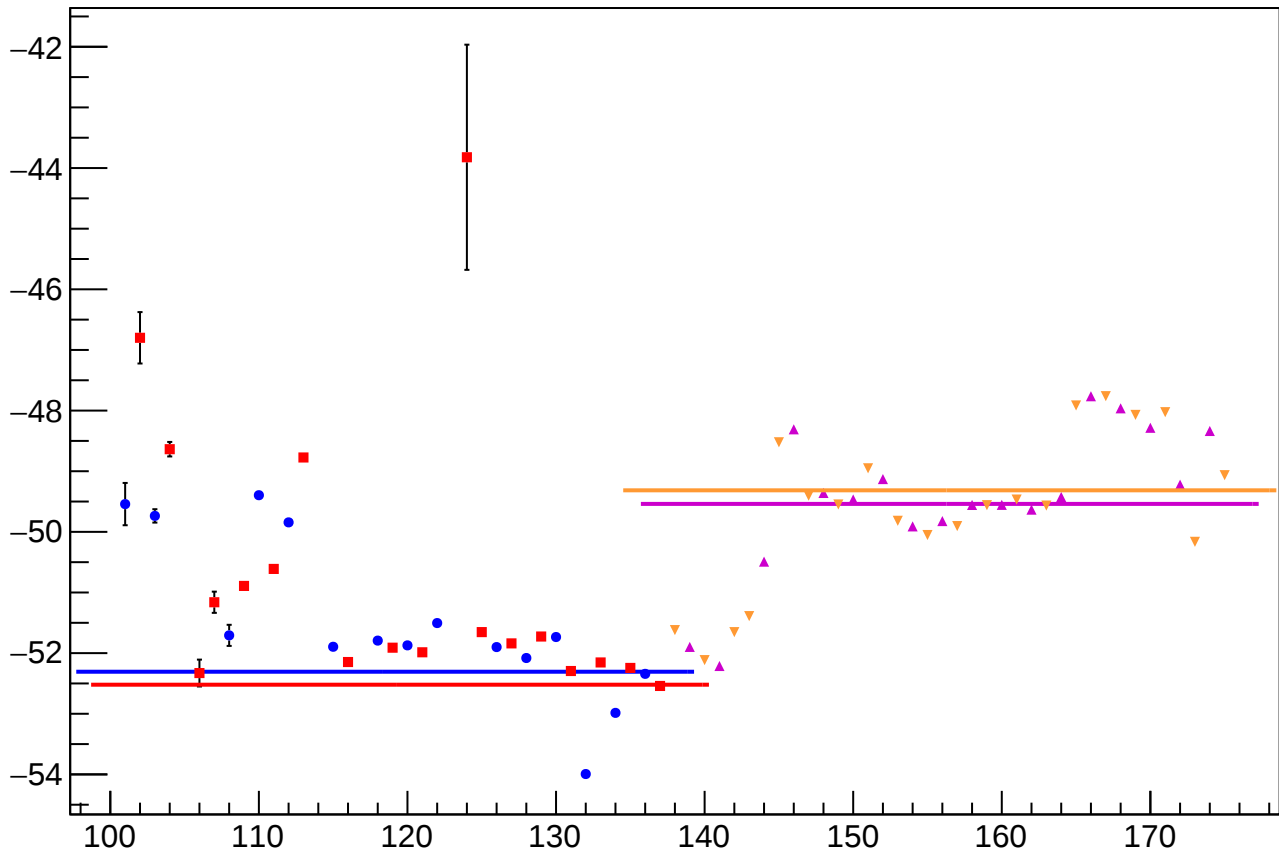
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.367 $\pm$ 0.000 χ^2 /NDF: 10490.7/32

Out: 0.365 $\pm$ 0.000 χ^2 /NDF: 15785.4/37

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 26300.1/70

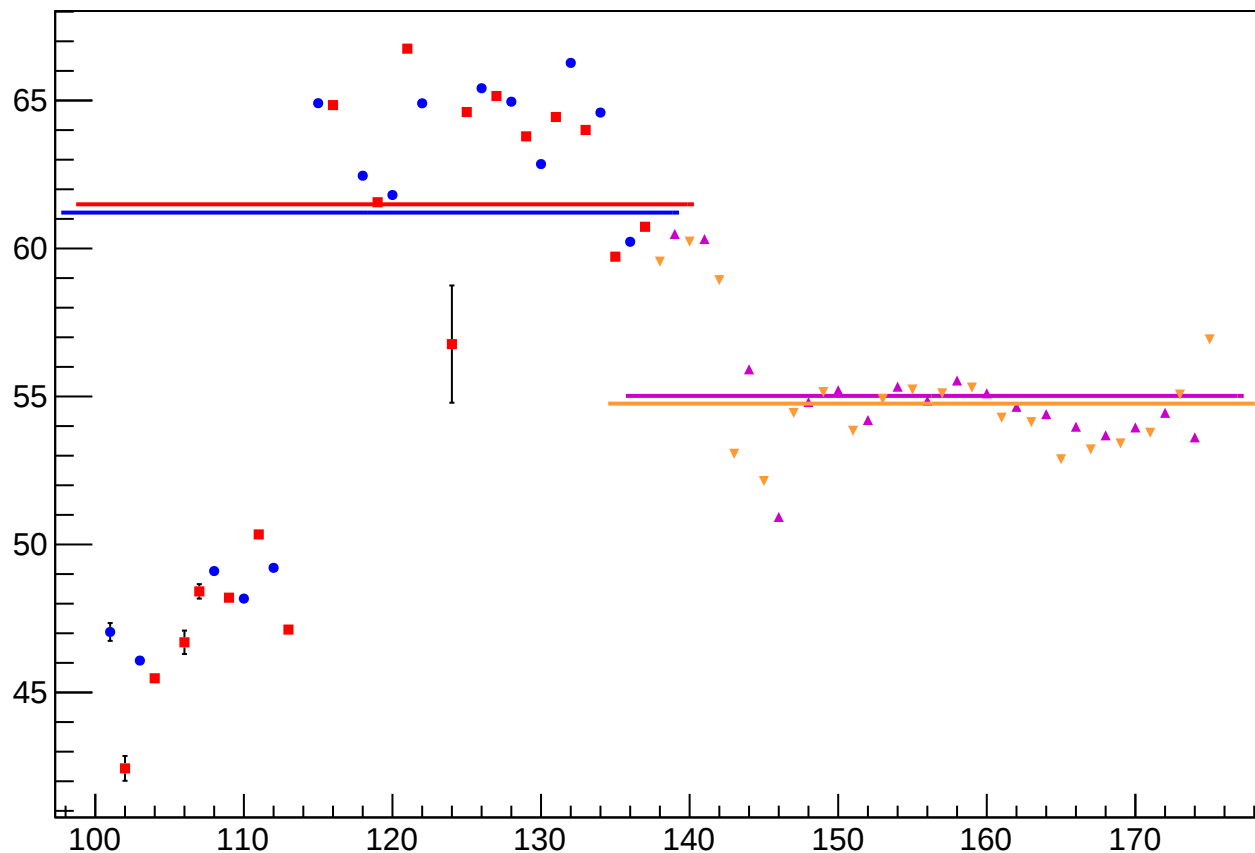
dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14
 Left Out: -49.315 ± 0.001 χ^2/NDF : 501403.6/19
 Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17
 Left In: -49.539 ± 0.001 χ^2/NDF : 414775.3/17

Left: -49.426 ± 0.001 χ^2/NDF : 928159.8/37
 Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32
 In: -49.879 ± 0.001 χ^2/NDF : 886327.9/32
 Out: -51.336 ± 0.001 χ^2/NDF : 3636945.2/37
 All: -50.909 ± 0.001 χ^2/NDF : 5333831.7/70

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.758 ± 0.003 $\chi^2/\text{NDF}: 249006.0/19$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.020 ± 0.003 $\chi^2/\text{NDF}: 81474.2/17$

Left: 54.903 ± 0.002 $\chi^2/\text{NDF}: 334165.0/37$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.504 ± 0.003 $\chi^2/\text{NDF}: 596833.7/32$

Out: 56.006 ± 0.003 $\chi^2/\text{NDF}: 1311481.6/37$

All: 55.745 ± 0.002 $\chi^2/\text{NDF}: 1924027.0/70$

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

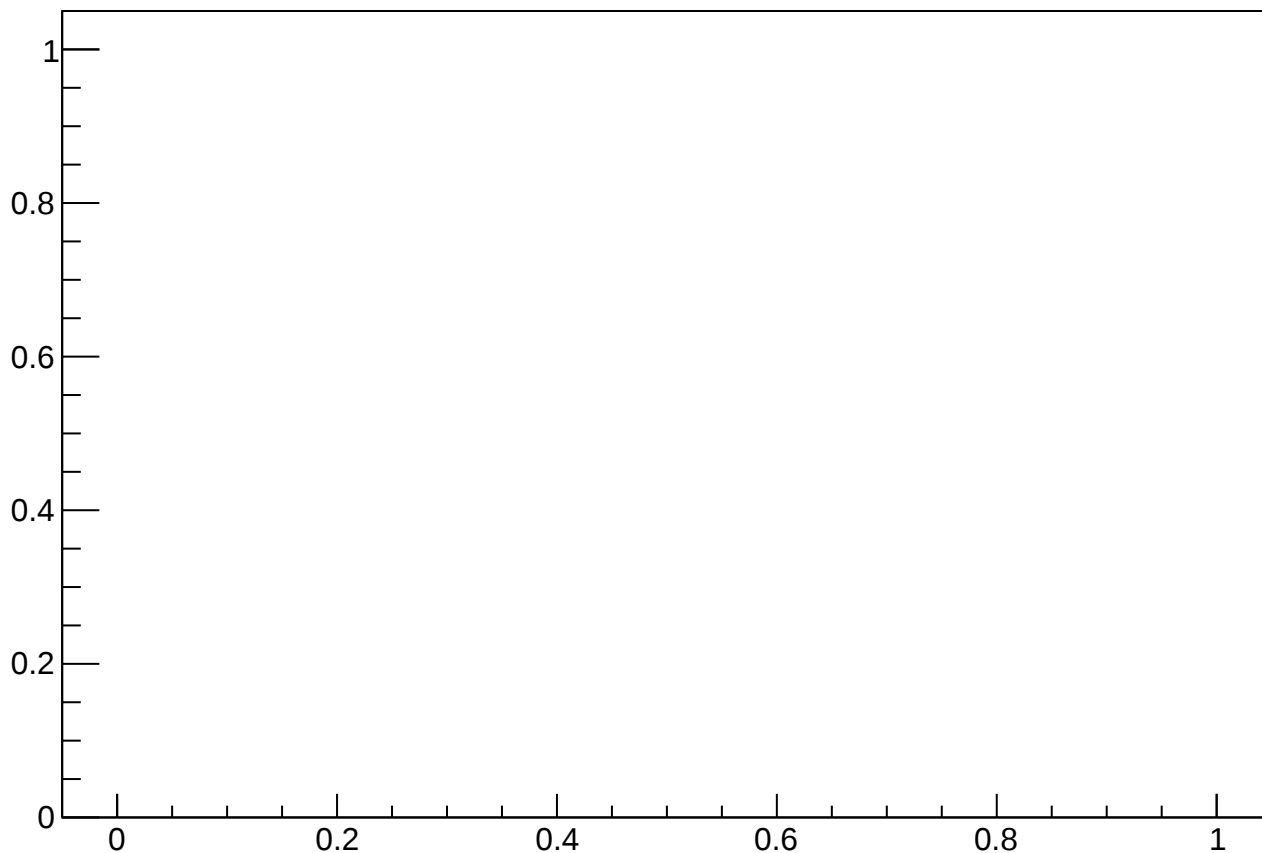
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

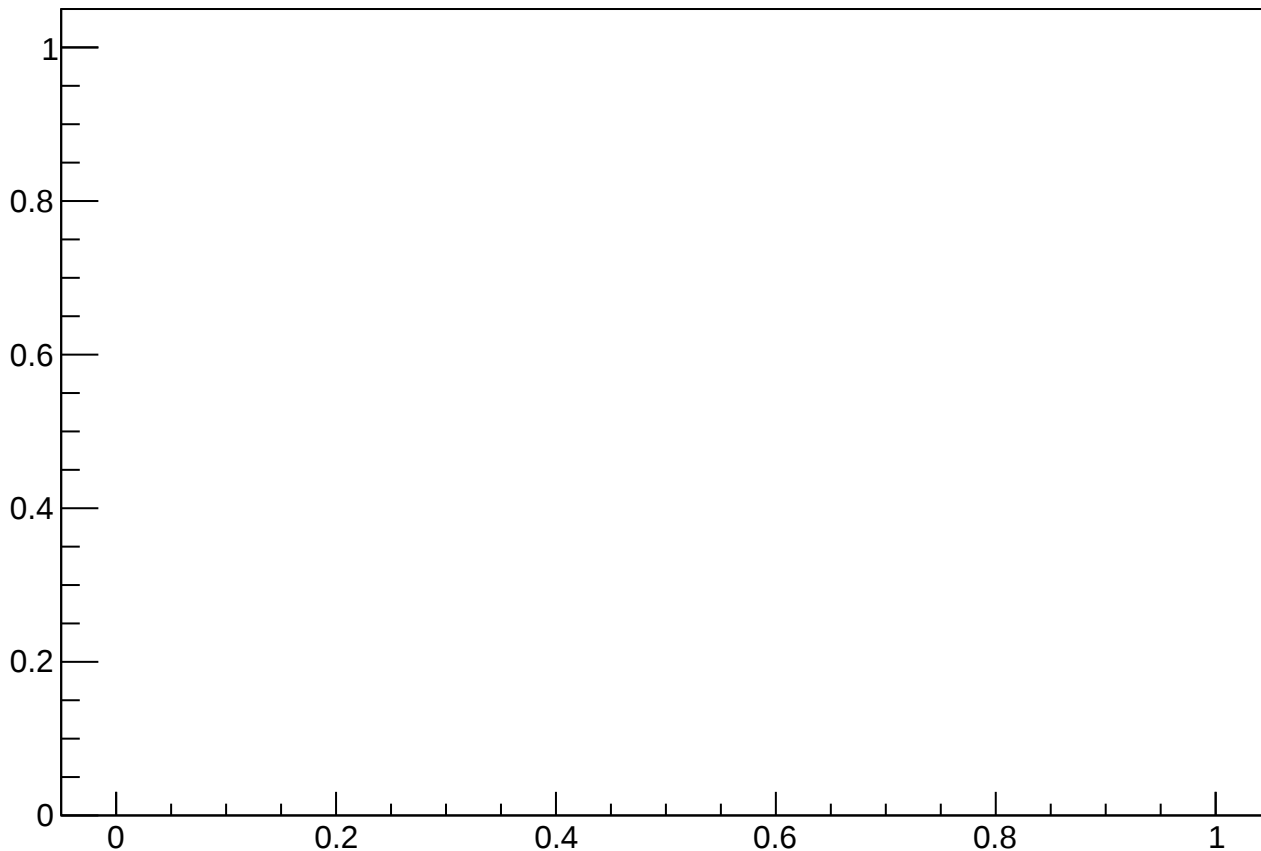
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

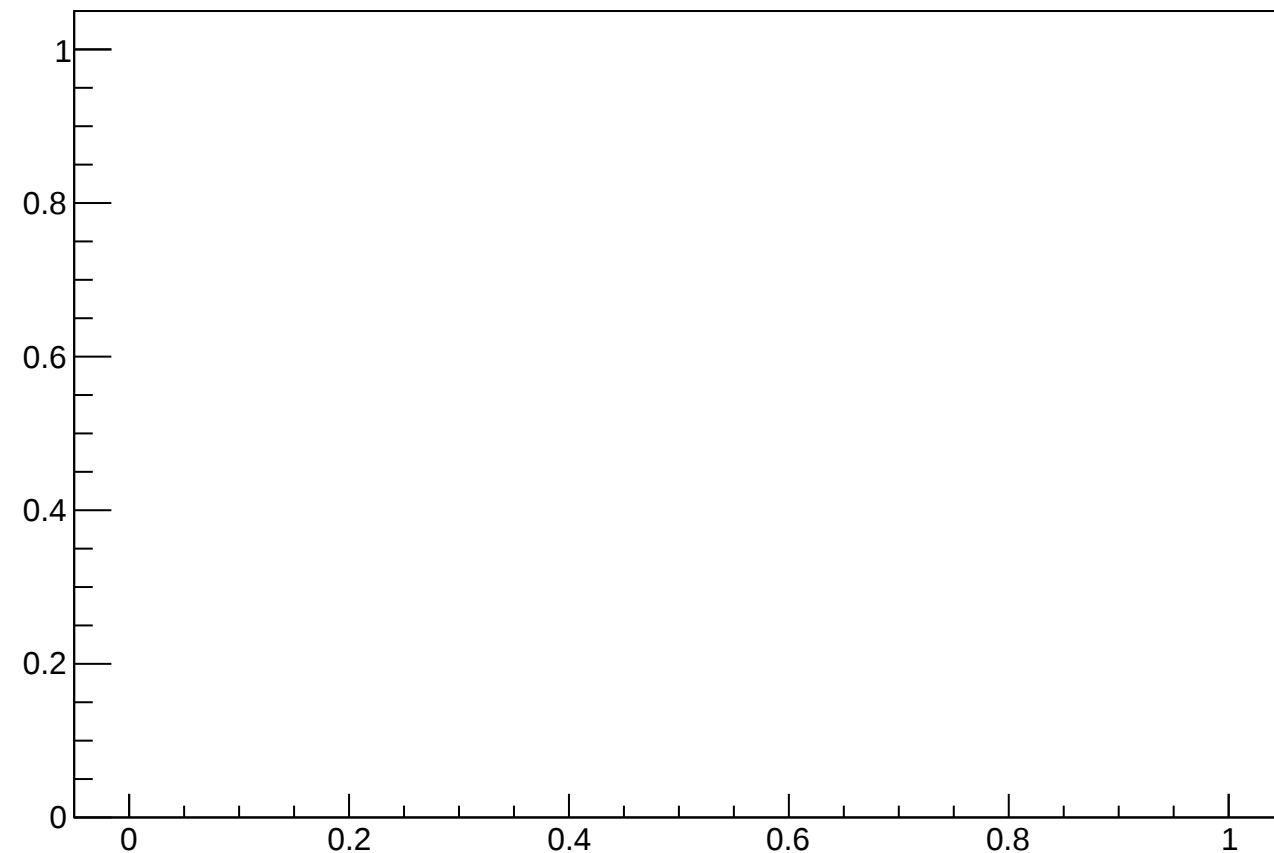
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

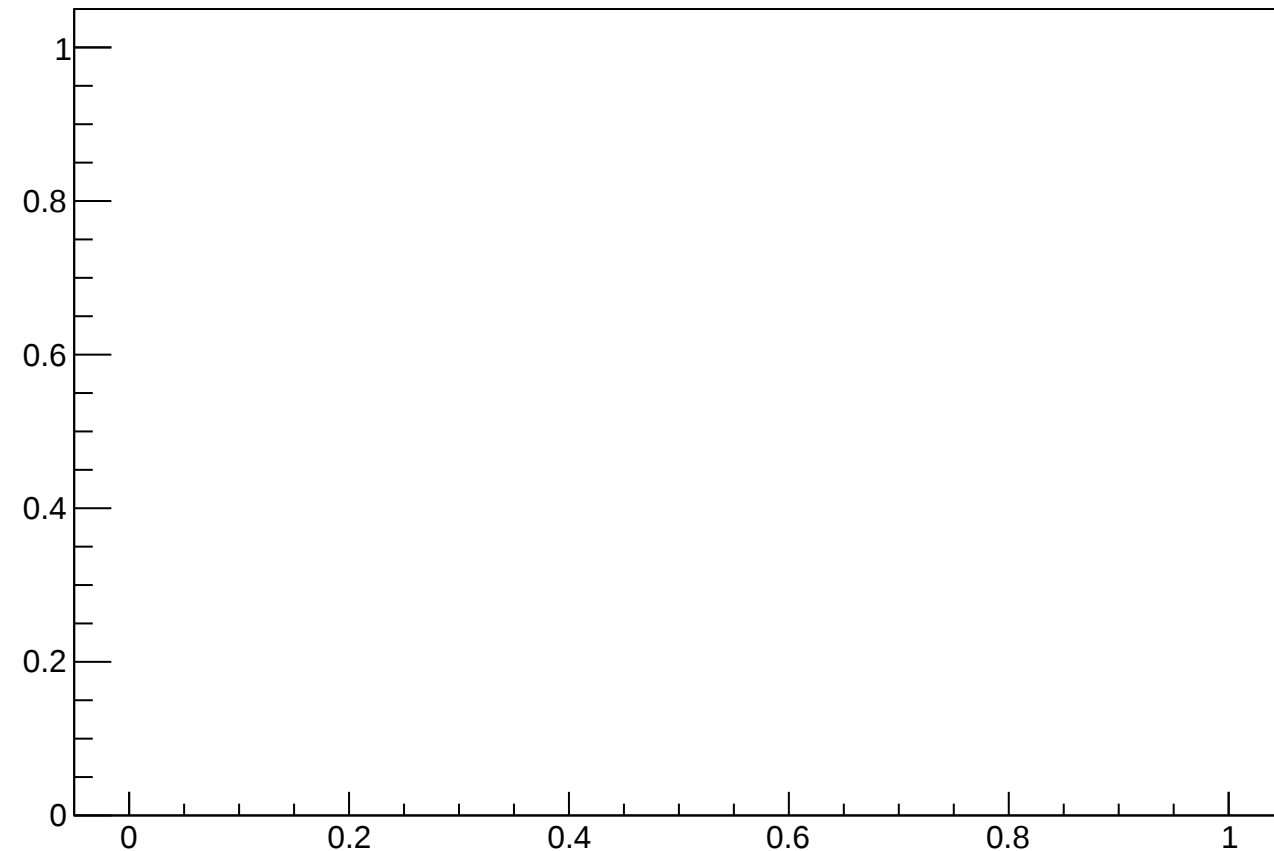
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

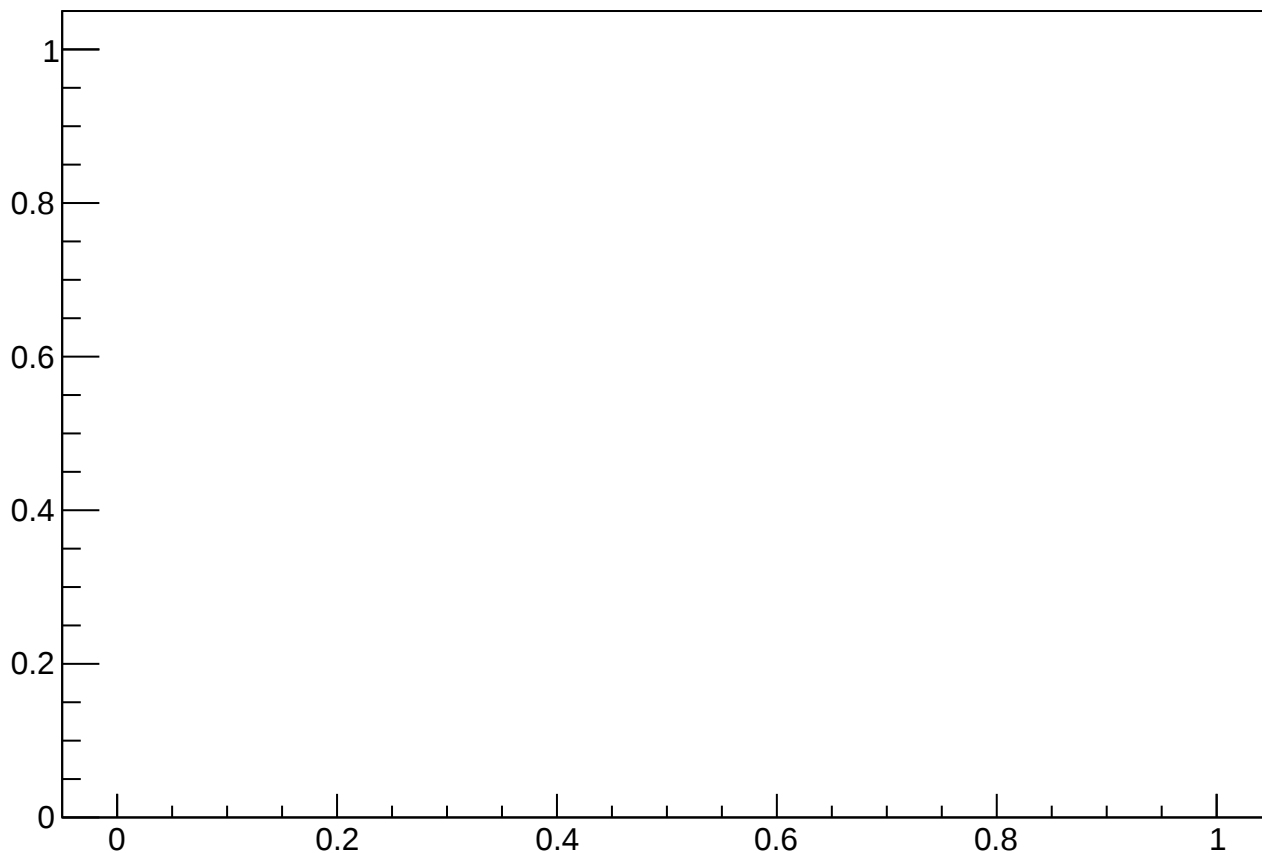
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

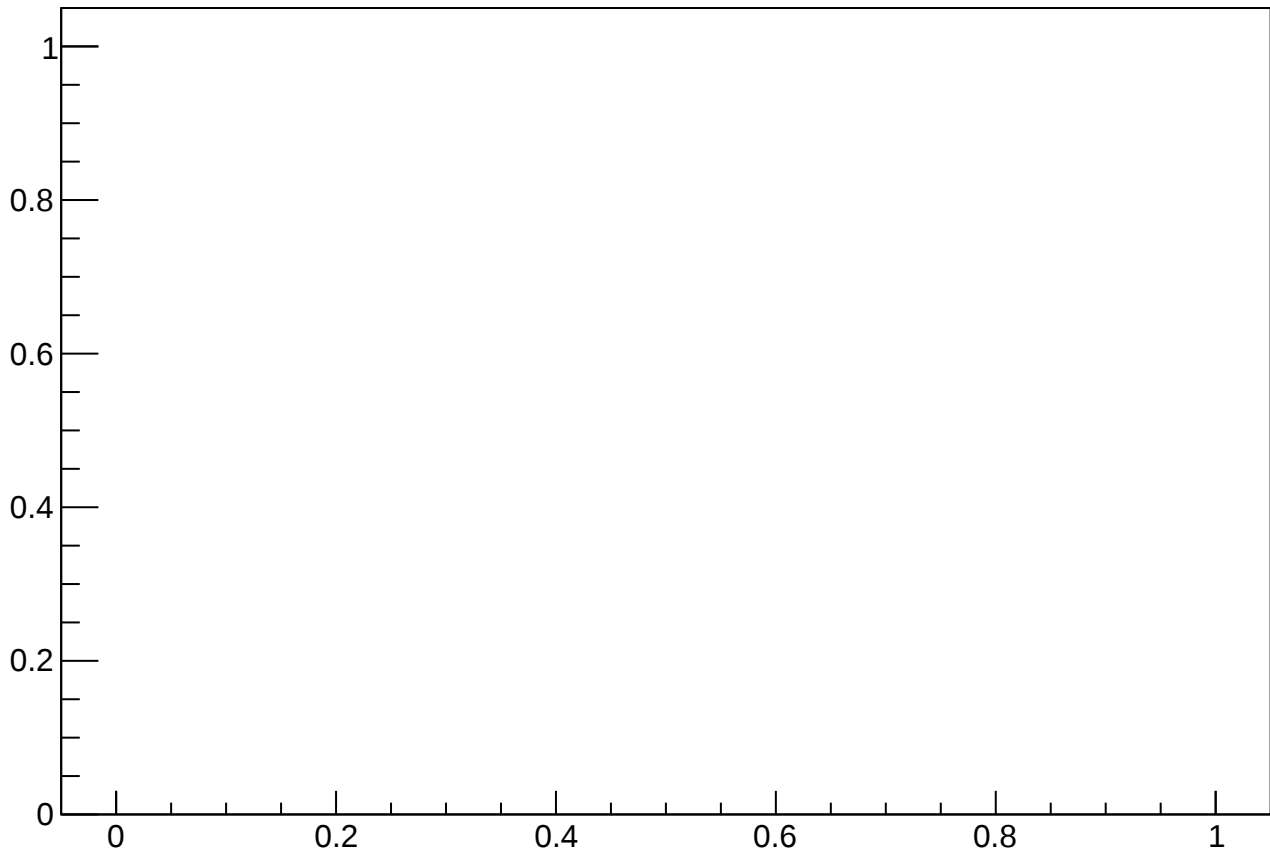
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

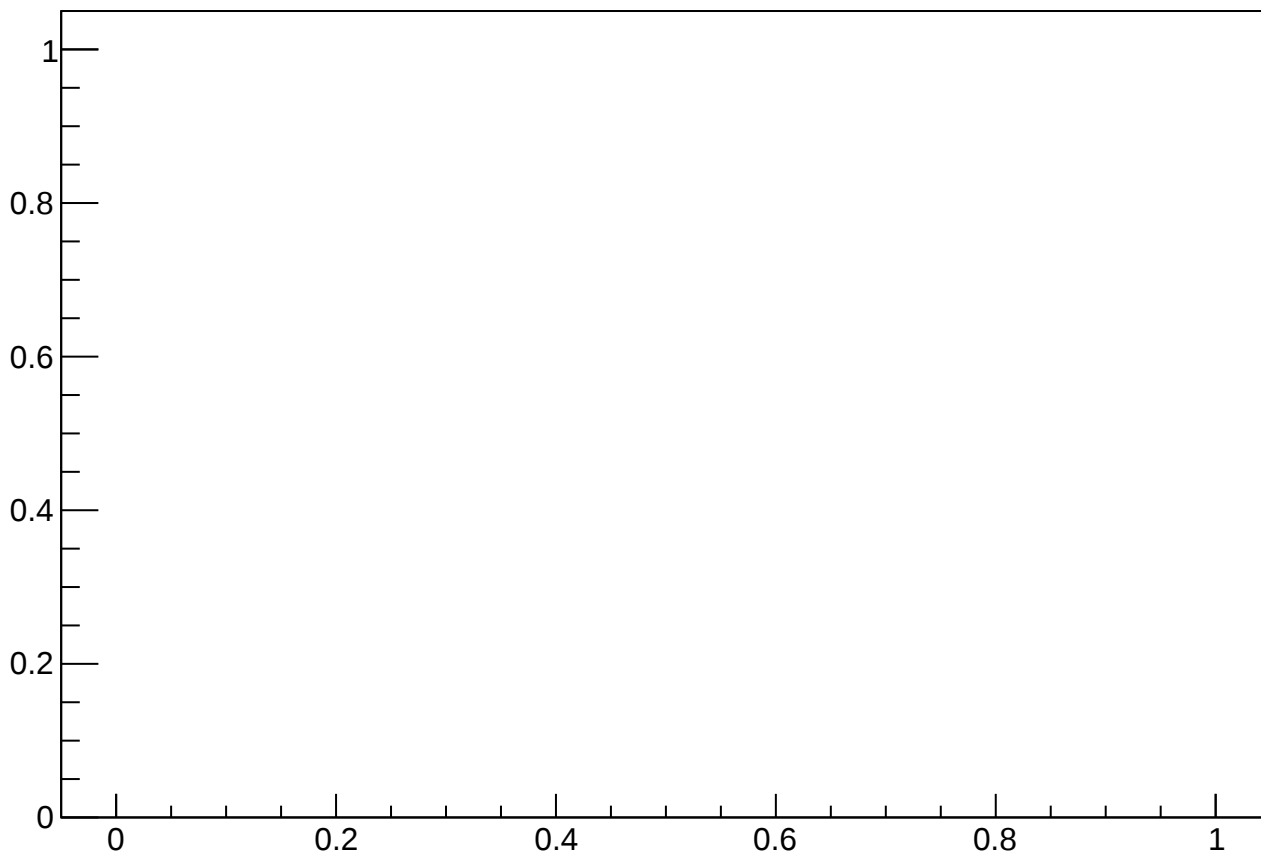
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

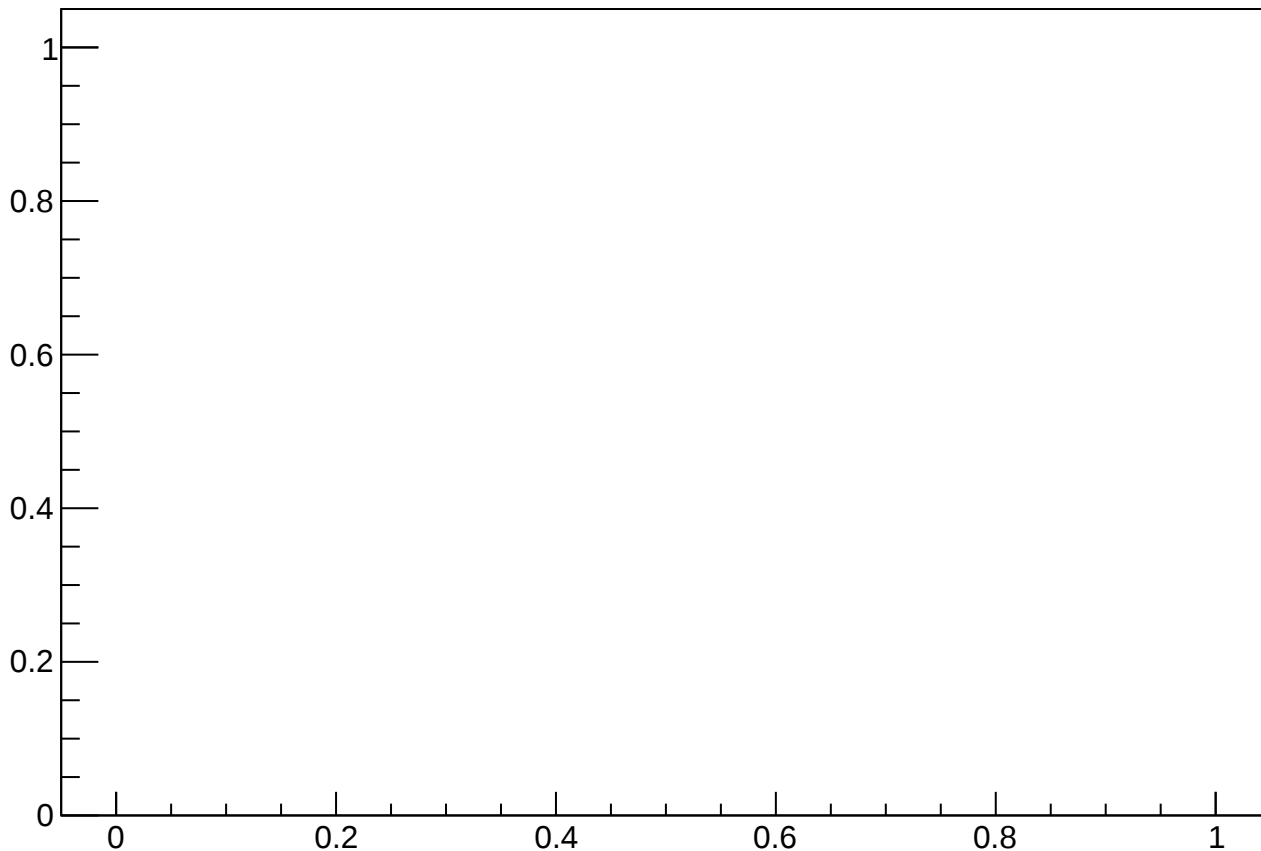
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

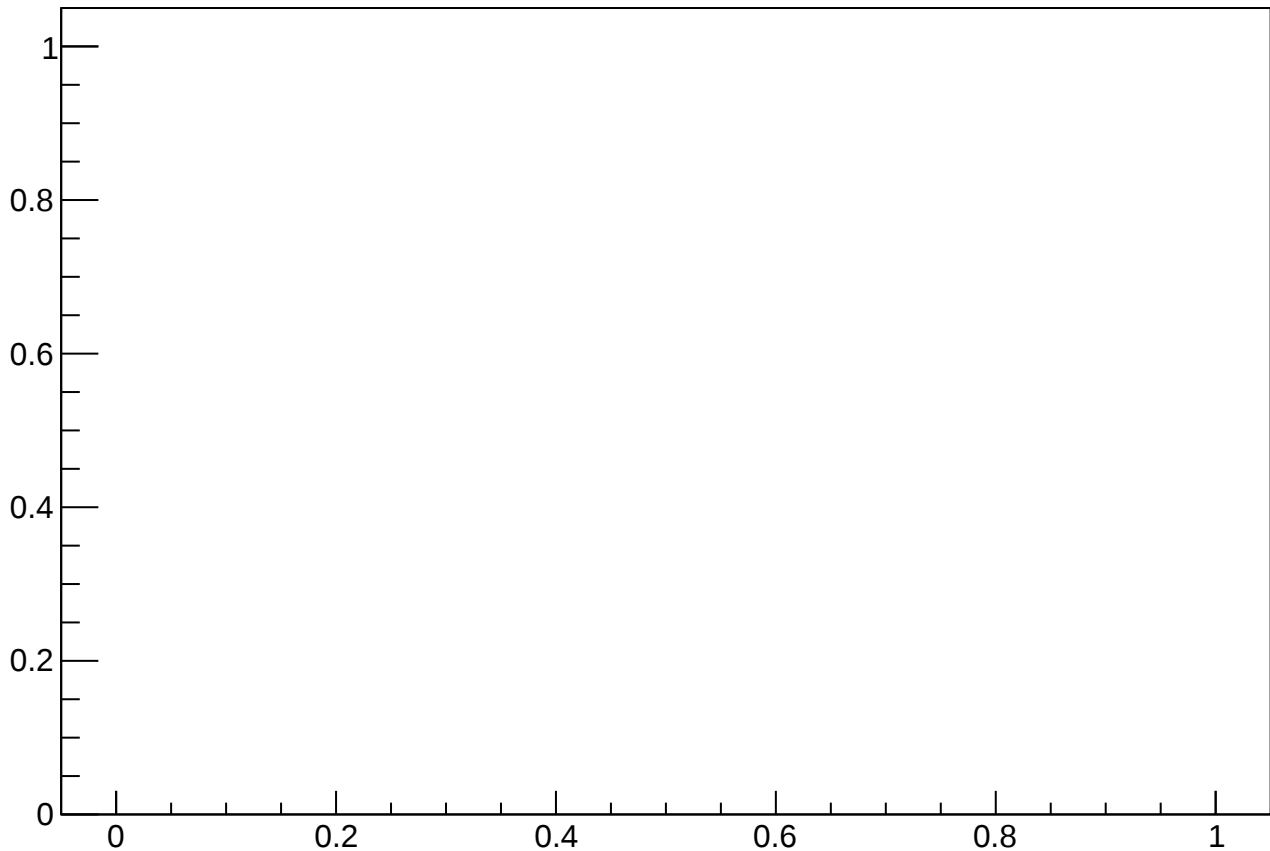
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

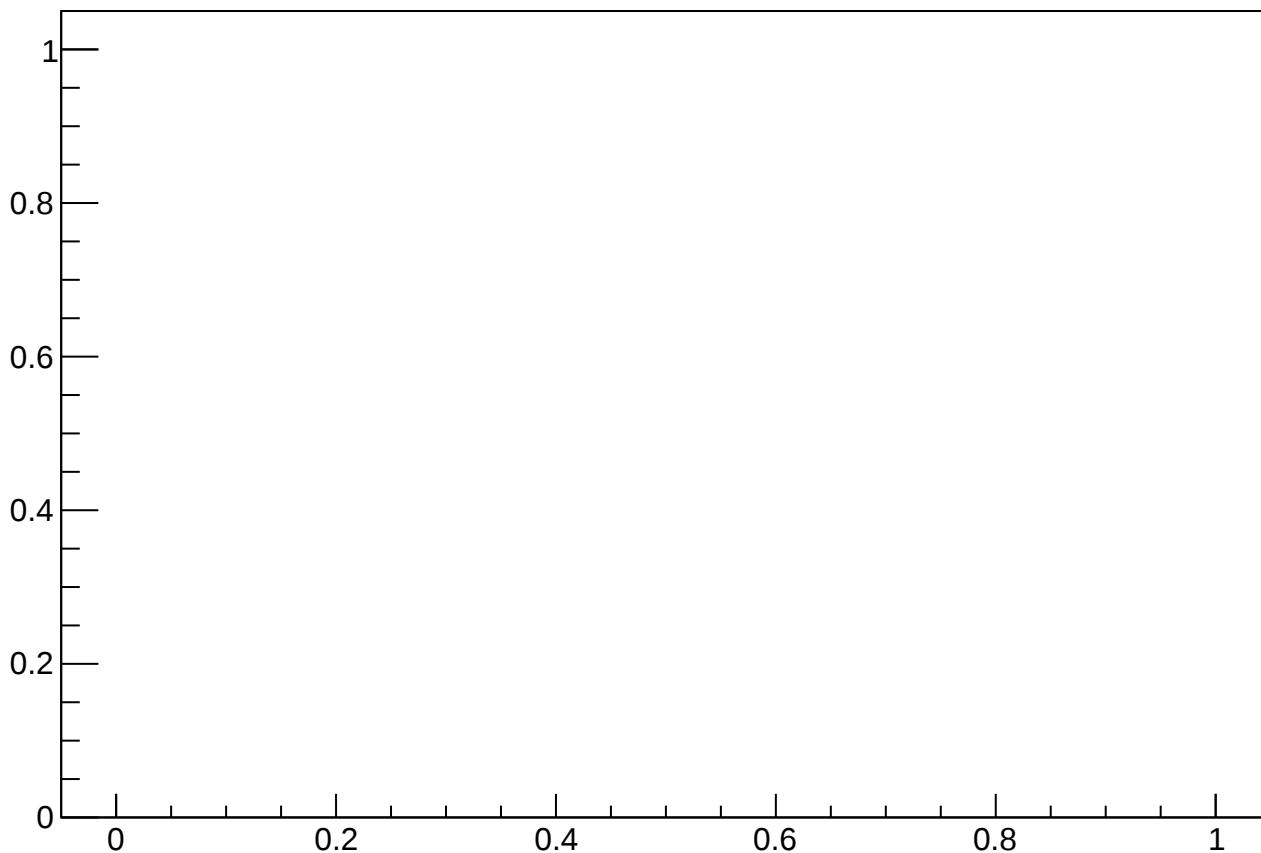
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

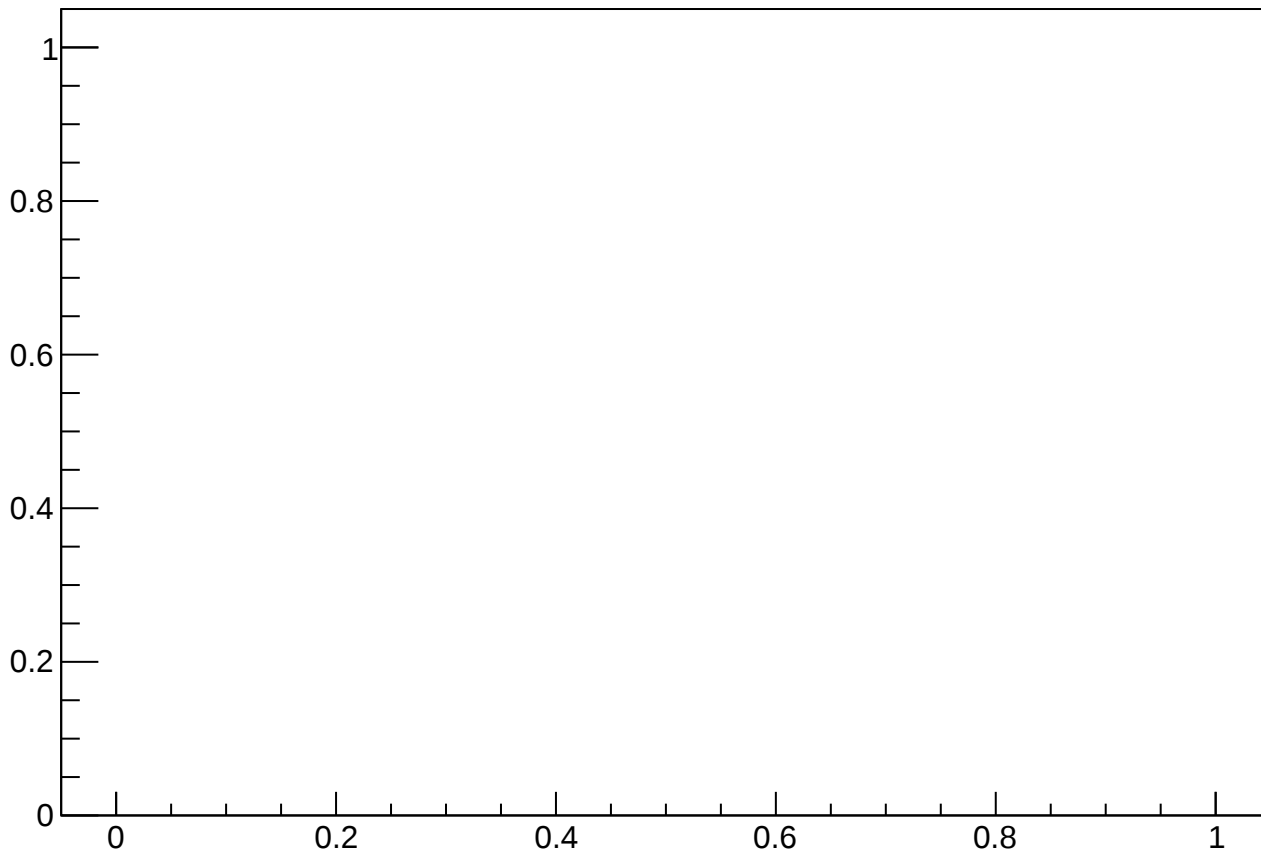
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

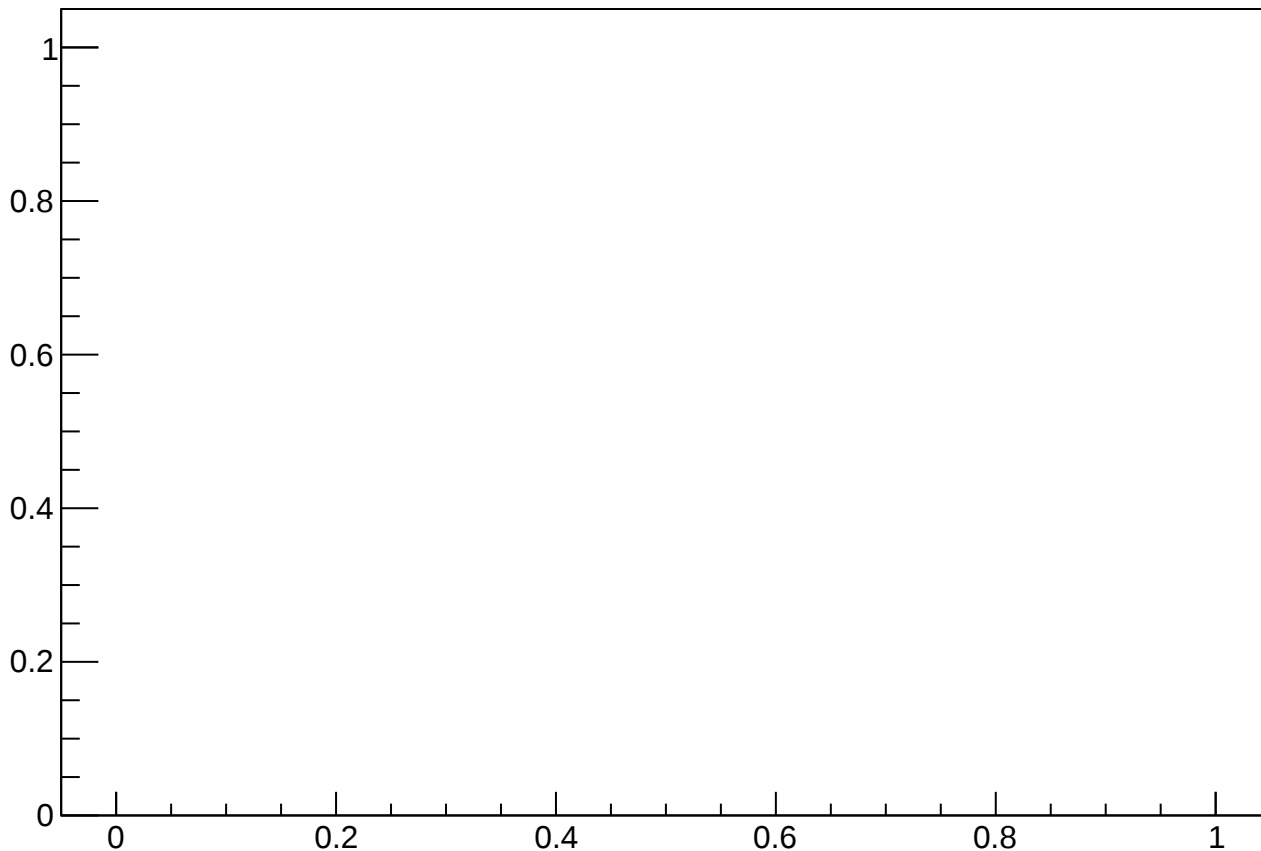
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

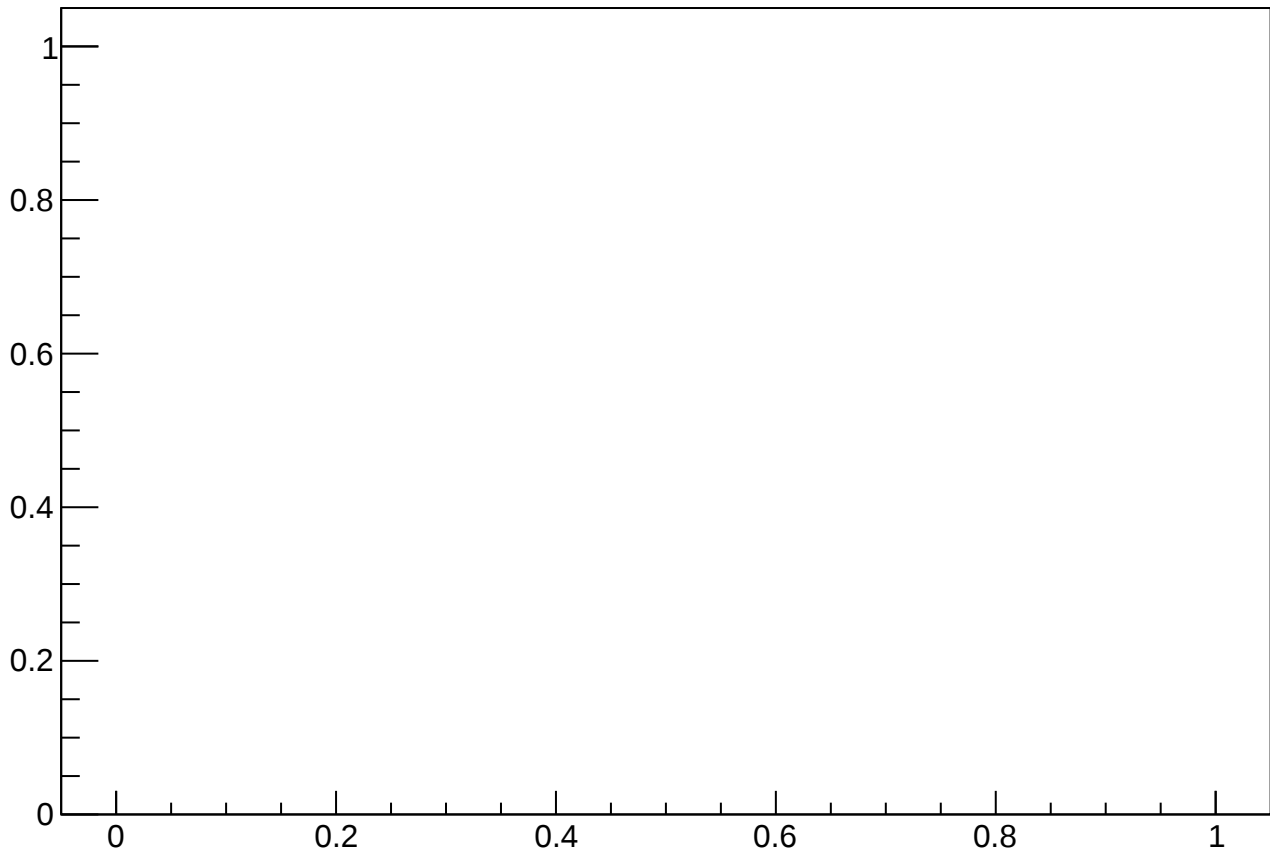
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

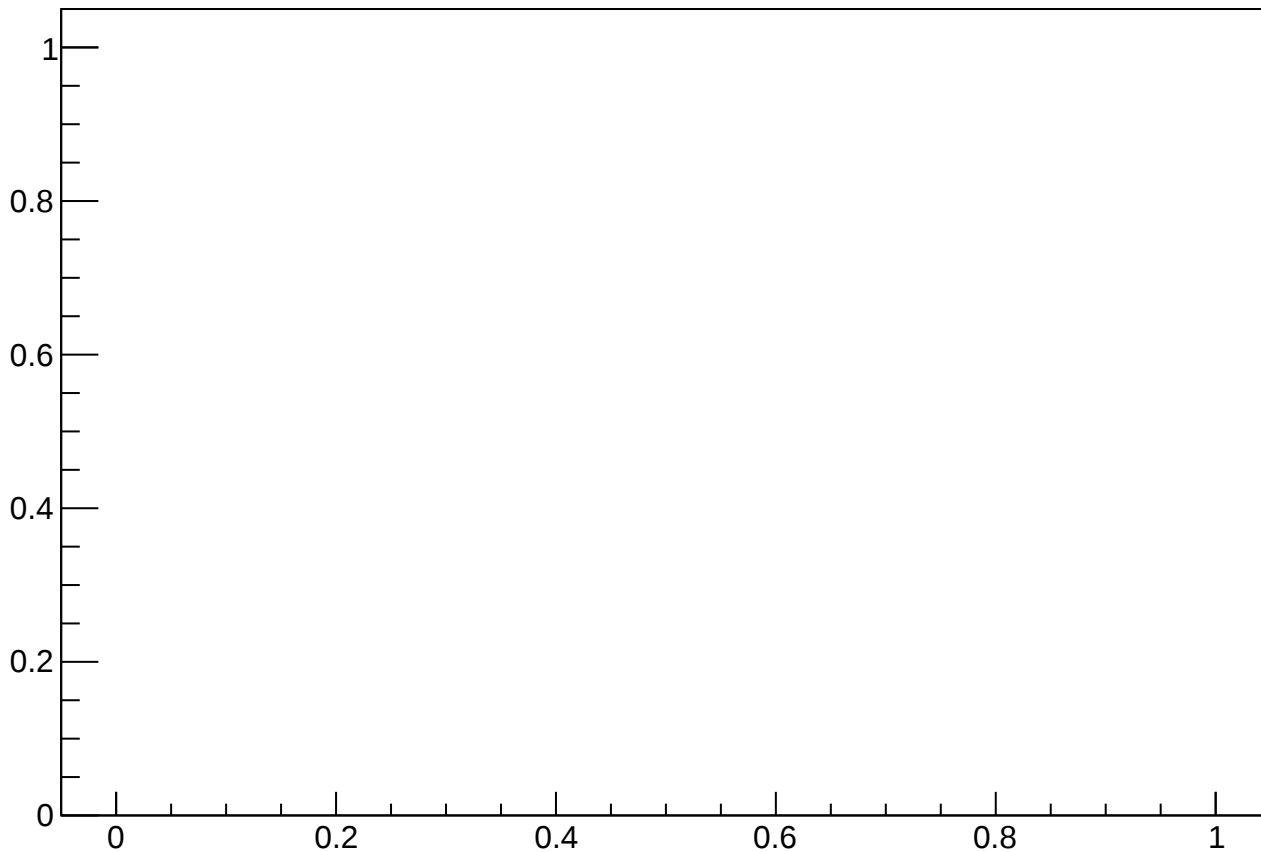
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

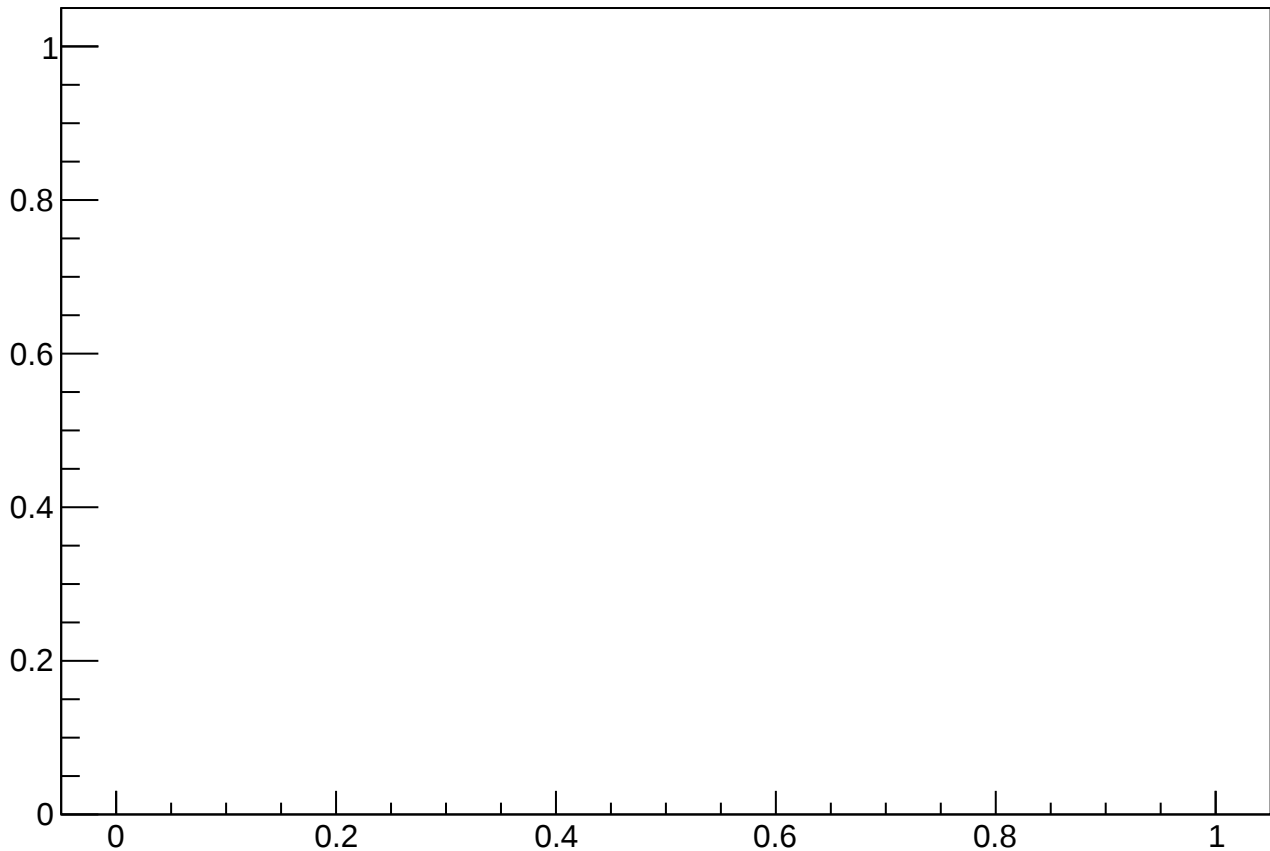
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

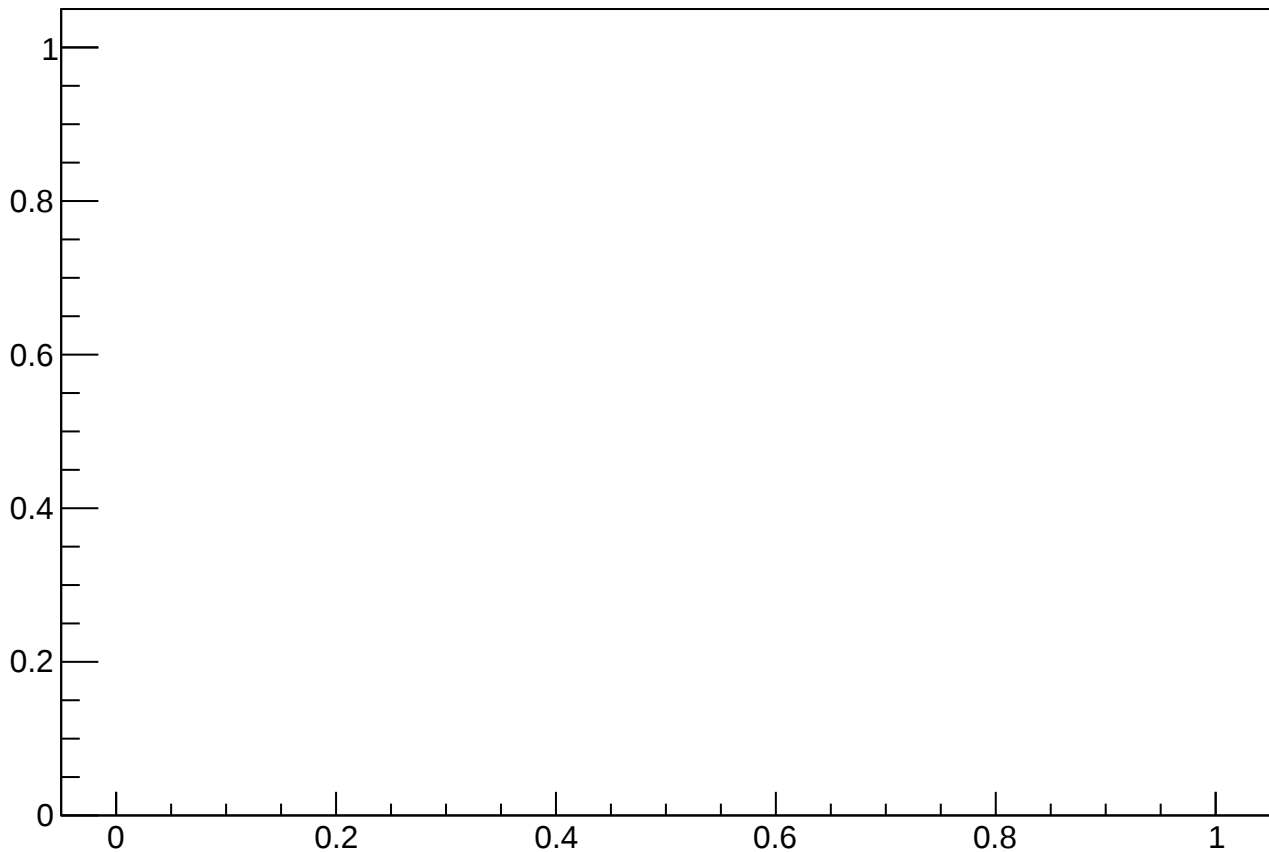
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

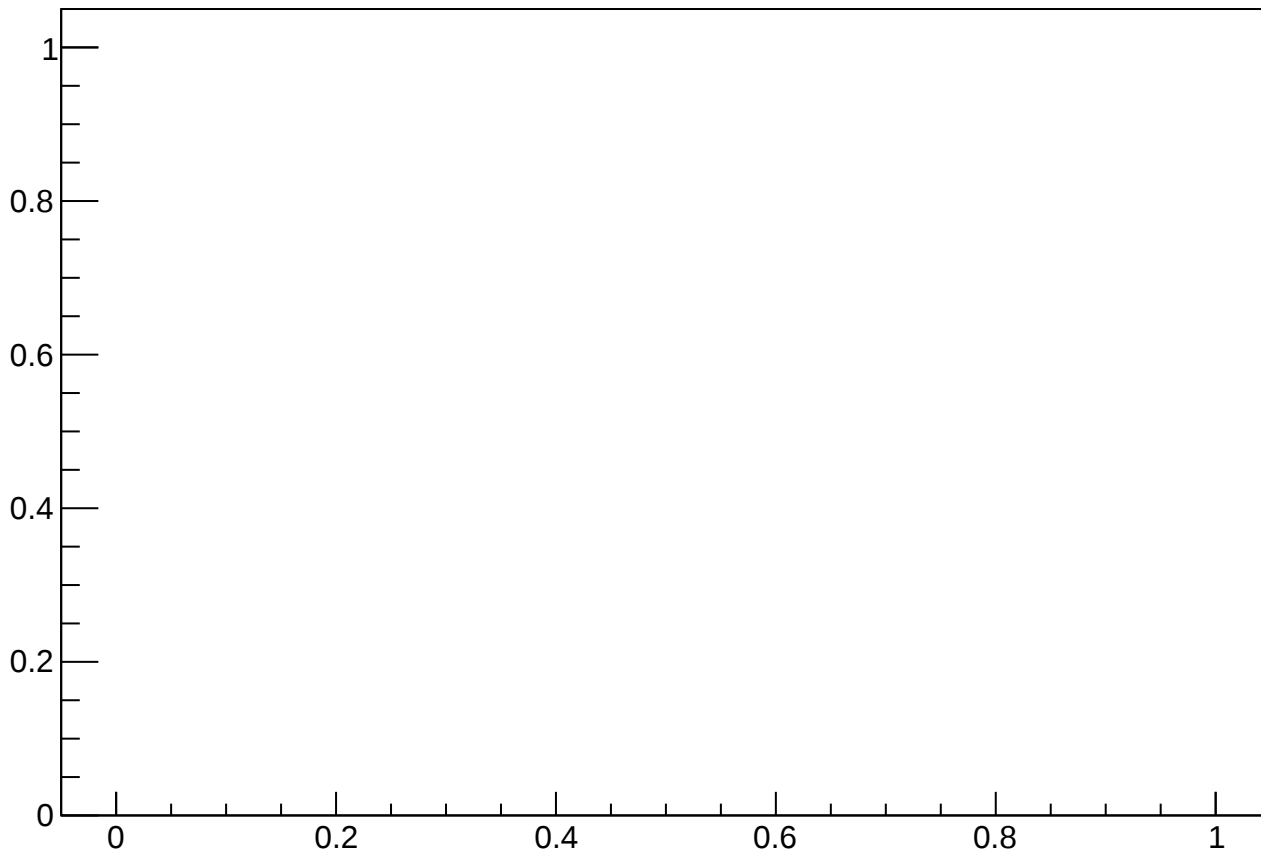
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

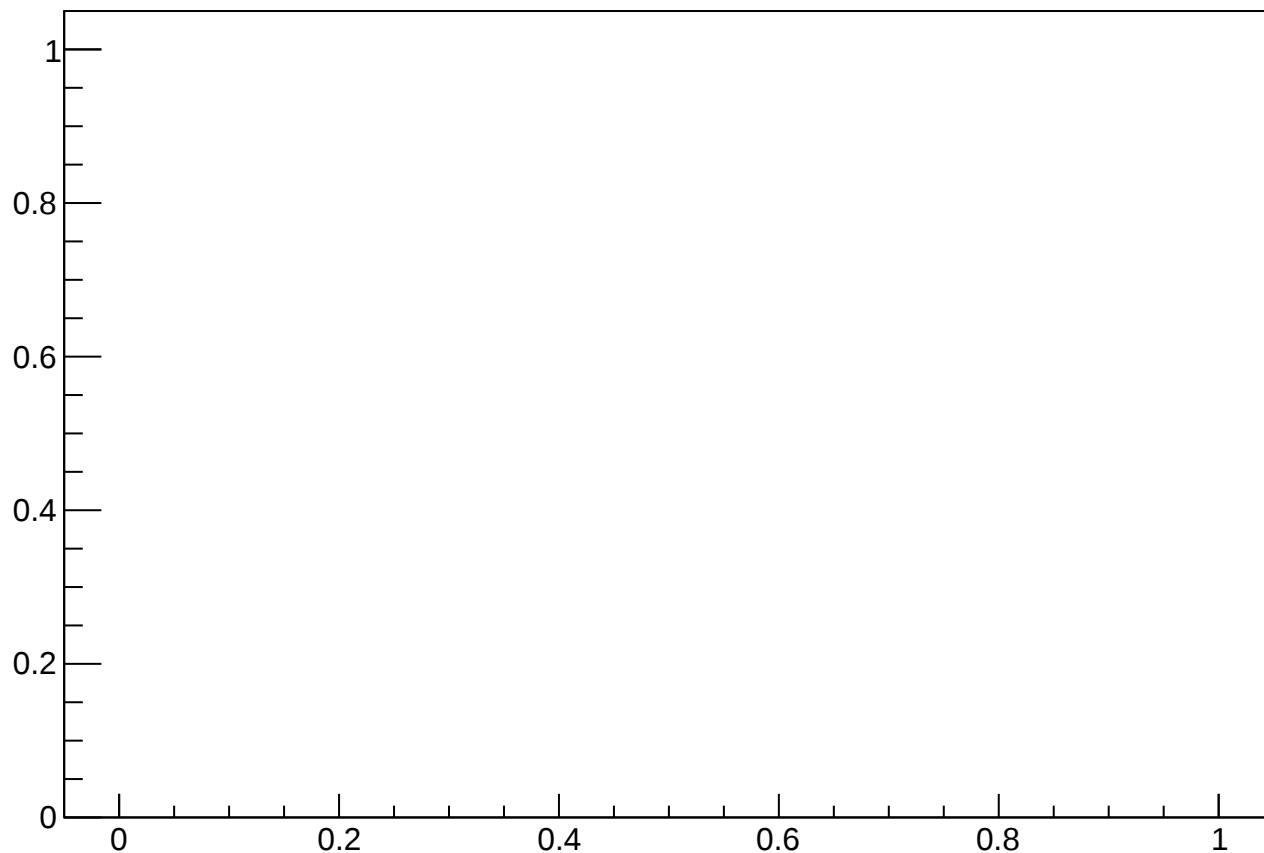
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

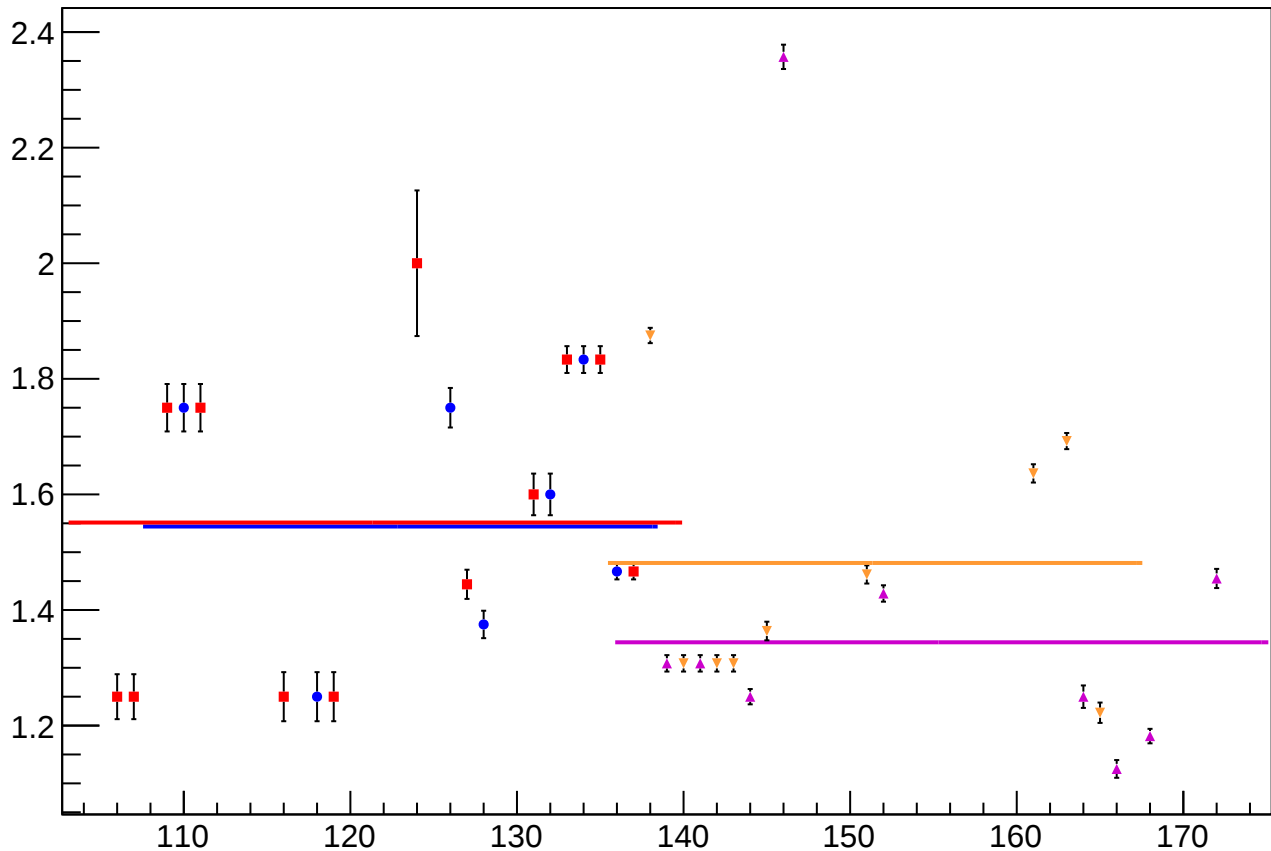
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1.481 $\pm$ 0.005 χ^2/NDF :1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2/NDF : 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2/NDF :2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2/NDF : 5158.2/17

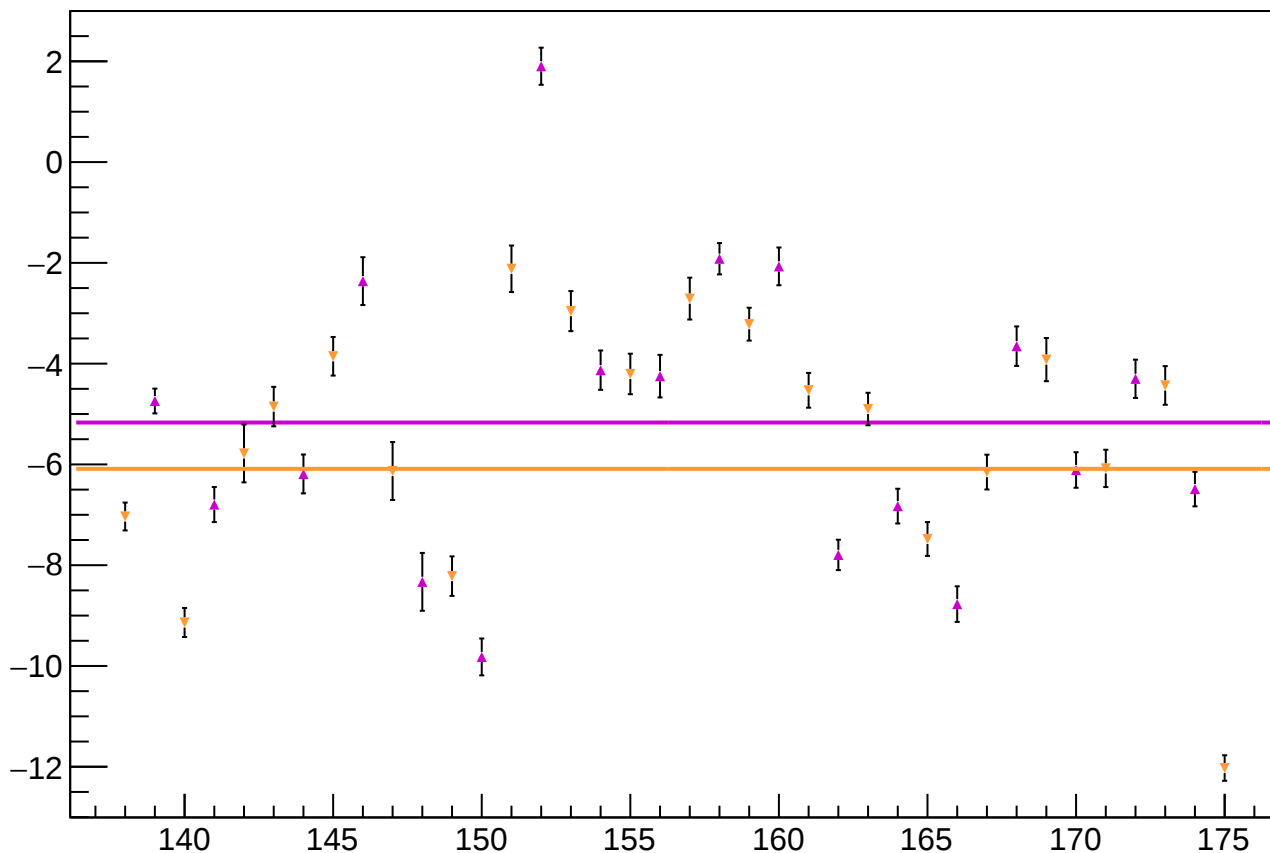
Right: 1.548 $\pm$ 0.006 χ^2/NDF : 983.5/18

In: 1.390 $\pm$ 0.004 χ^2/NDF :3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2/NDF :2614.4/20

All: 1.447 $\pm$ 0.003 χ^2/NDF : 6505.9/36

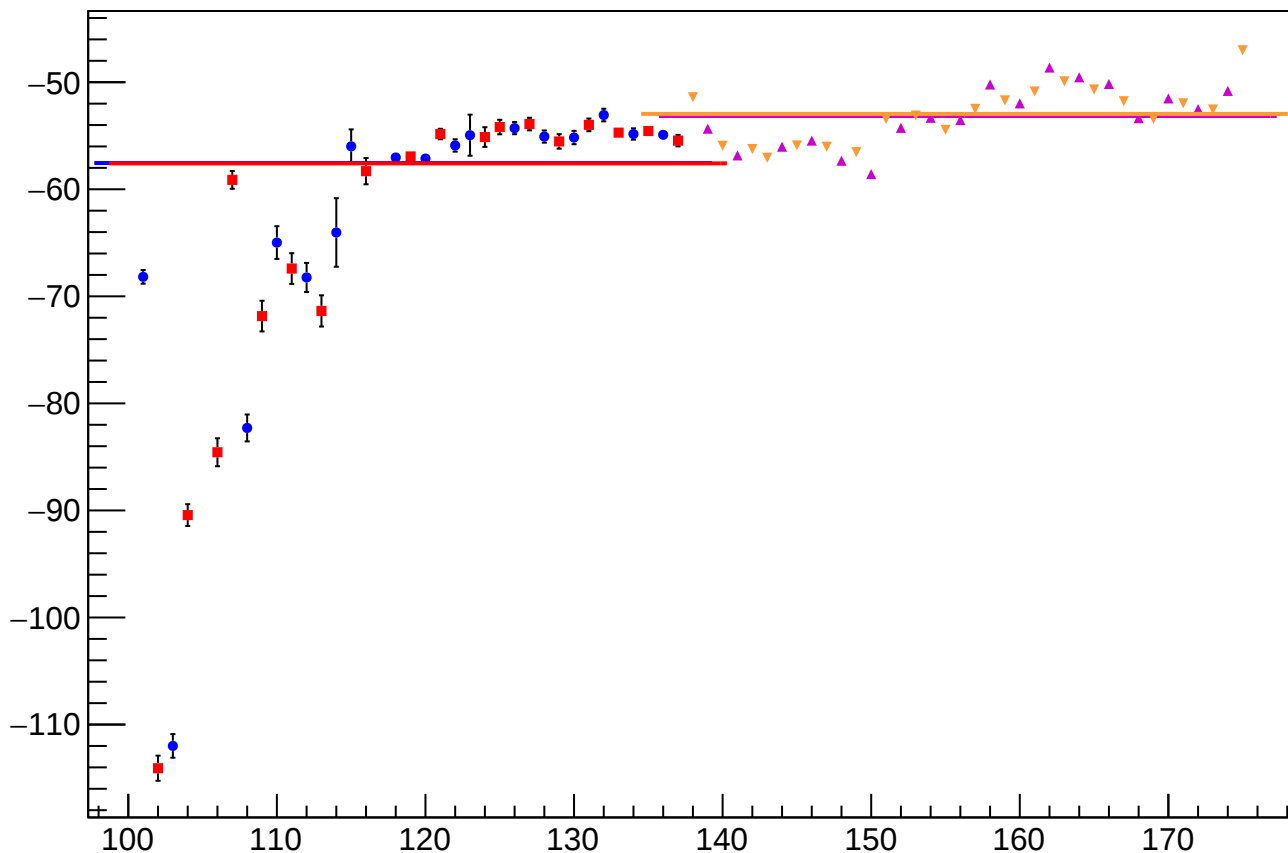
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.088+/-0.081 χ^2/NDF :1143.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.169+/-0.084 χ^2/NDF :1062.1/17

Left: -5.648+/-0.058 χ^2/NDF : 2267.6/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.169+/-0.084 χ^2/NDF :1062.1/17
 Out: -6.088+/-0.081 χ^2/NDF :1143.4/19
 All: -5.648+/-0.058 χ^2/NDF : 2267.6/37

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -52.962 ± 0.062 χ^2/NDF : 1852.2/19

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -53.158 ± 0.066 χ^2/NDF : 1990.3/17

Left: -53.054 ± 0.045 χ^2/NDF : 3847.2/37

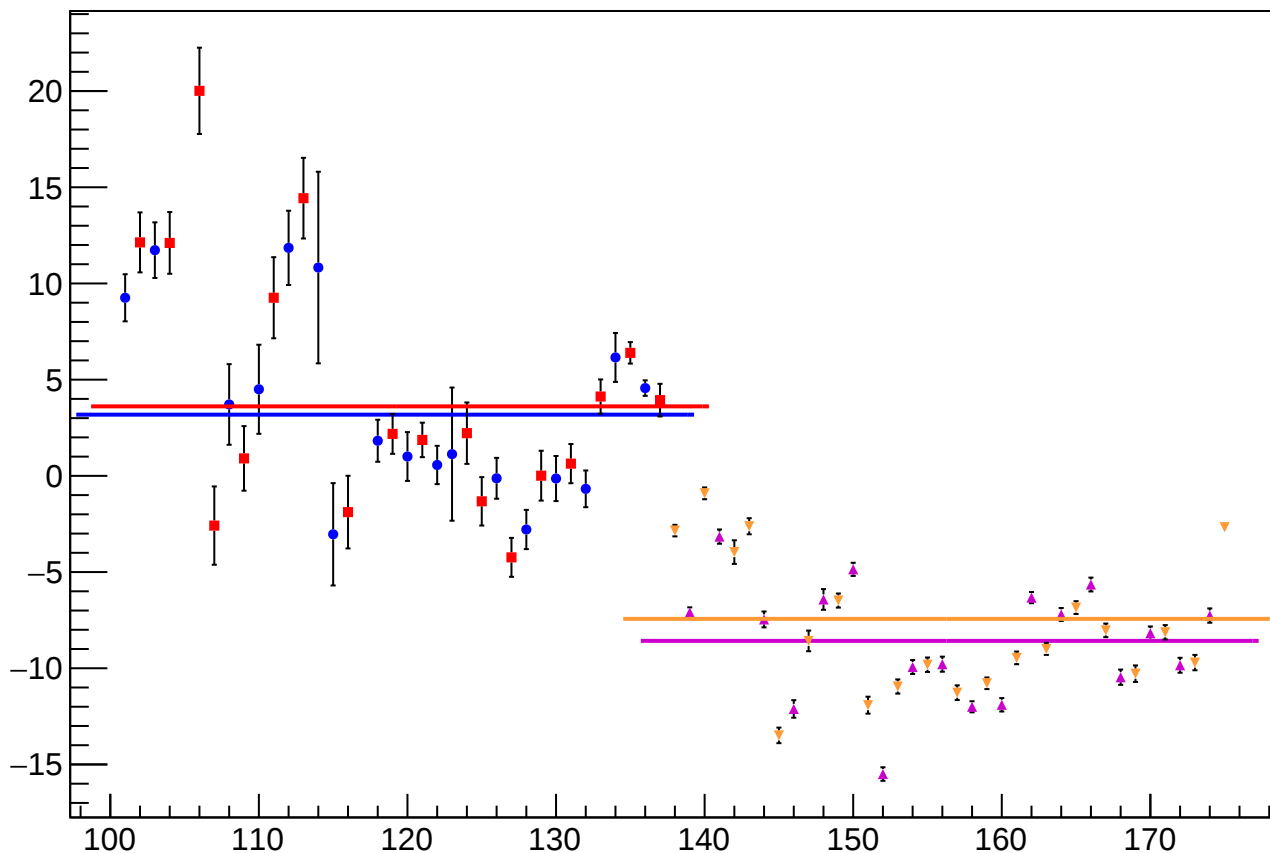
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -53.933 ± 0.059 χ^2/NDF : 6242.8/34

Out: -53.688 ± 0.057 χ^2/NDF : 7076.0/37

All: -53.805 ± 0.041 χ^2/NDF : 13327.6/72

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -7.433 ± 0.080 χ^2/NDF : 2048.4/19

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -8.576 ± 0.084 χ^2/NDF : 1279.7/17

Left: -7.981 ± 0.058 χ^2/NDF : 3425.5/37

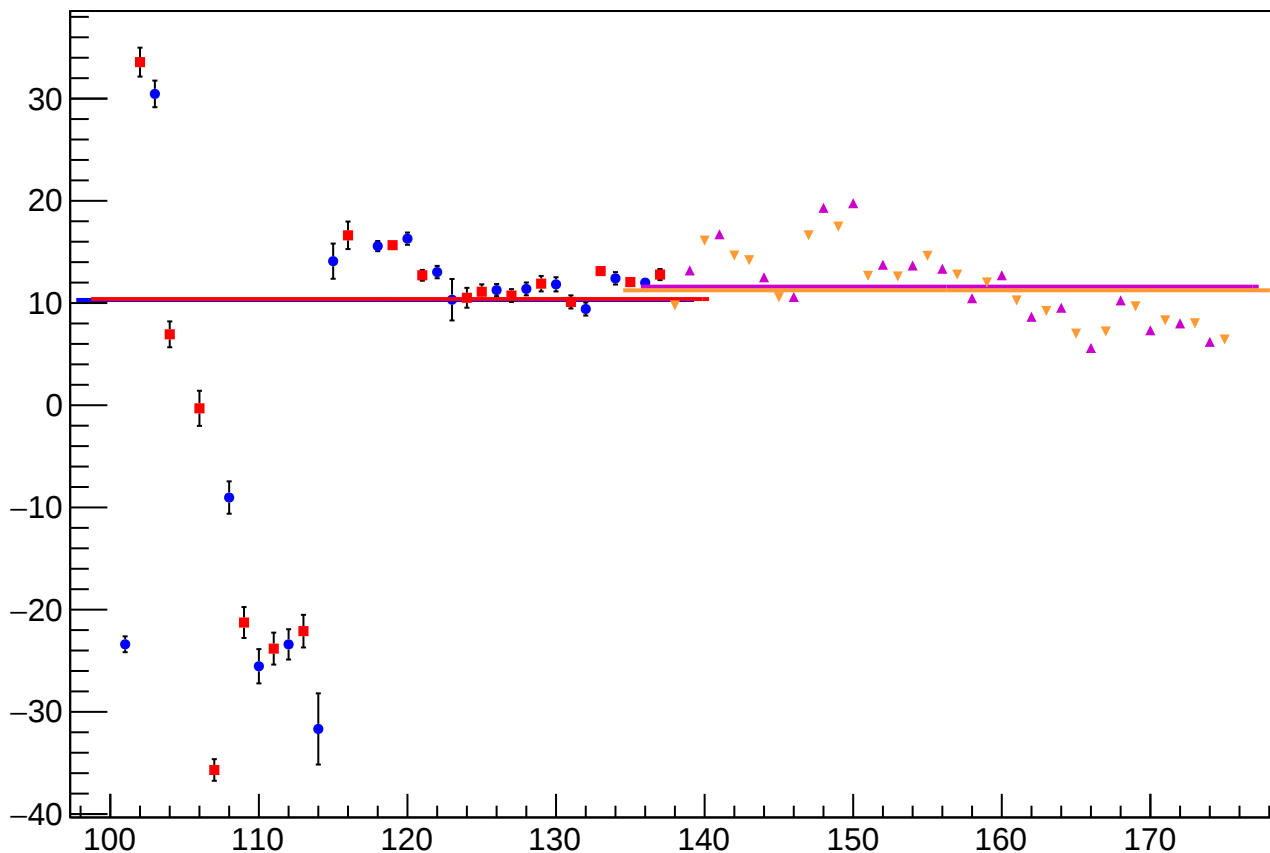
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -7.460 ± 0.079 χ^2/NDF : 3344.6/34

Out: -6.525 ± 0.077 χ^2/NDF : 3898.0/37

All: -6.977 ± 0.055 χ^2/NDF : 7314.2/72

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 11.243+/-0.070 χ^2/NDF : 2212.3/19

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 11.603+/-0.073 χ^2/NDF : 2789.6/17

Left: 11.414+/-0.050 χ^2/NDF : 5014.6/37

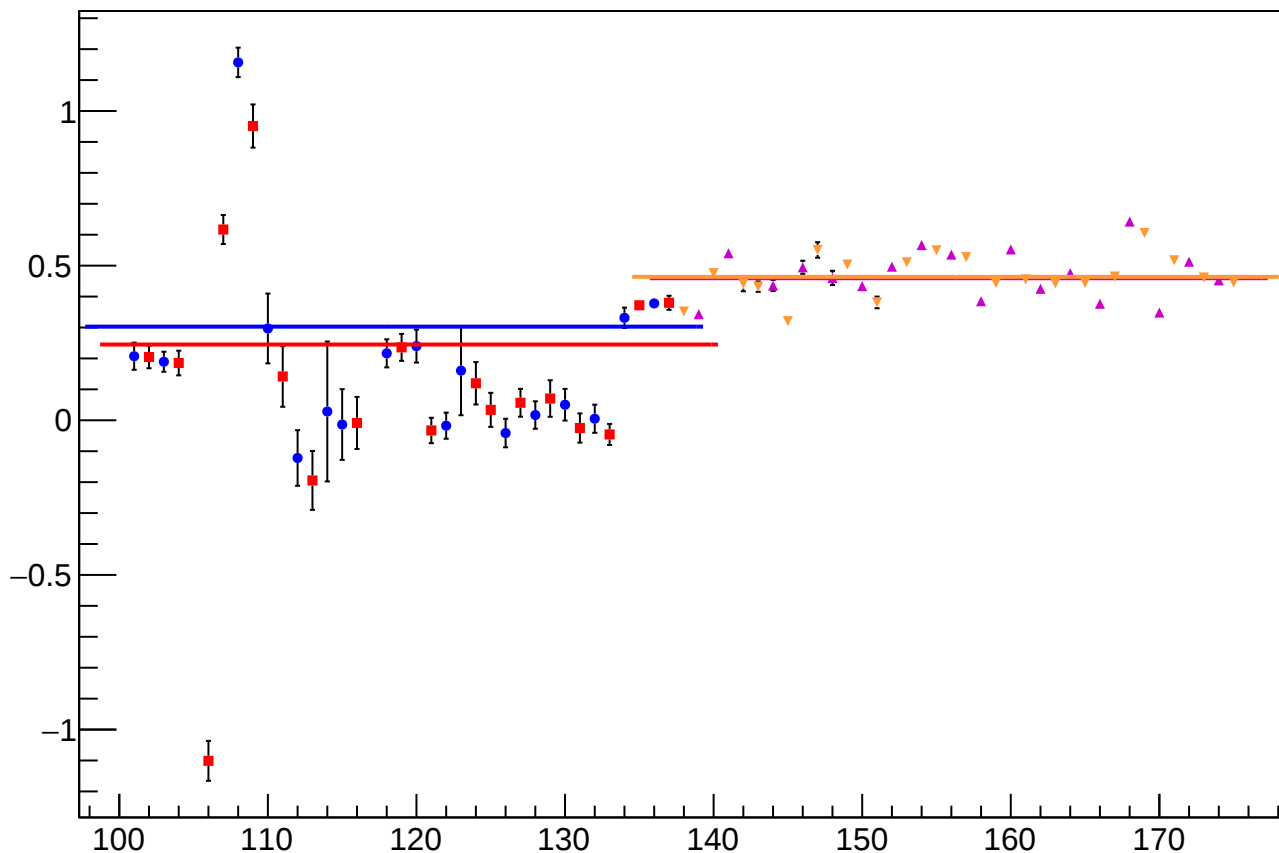
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 11.370+/-0.066 χ^2/NDF : 6545.5/34

Out: 11.108+/-0.064 χ^2/NDF : 6022.7/37

All: 11.233+/-0.046 χ^2/NDF : 12576.3/72

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: 0.464 $\pm$ 0.003 χ^2 /NDF:407.3/19

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.459 $\pm$ 0.003 χ^2 /NDF:684.7/17

Left: 0.462 $\pm$ 0.002 χ^2 /NDF: 1093.1/37

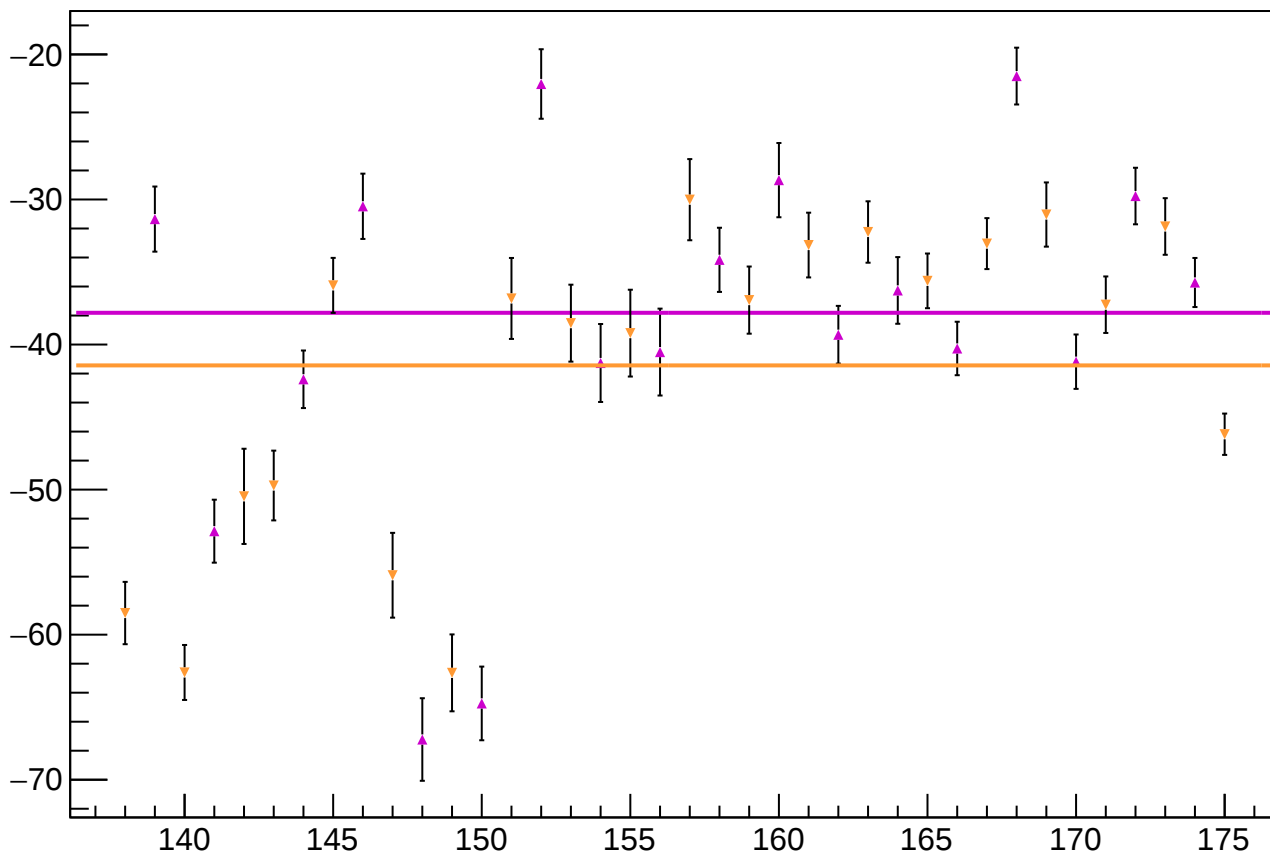
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.439 $\pm$ 0.003 χ^2 /NDF:1648.5/34

Out: 0.438 $\pm$ 0.003 χ^2 /NDF:1942.9/37

All: 0.438 $\pm$ 0.002 χ^2 /NDF: 3591.5/72

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.438+/-0.485 χ^2/NDF :456.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.811+/-0.512 χ^2/NDF :447.0/17

Left: -39.722+/-0.352 χ^2/NDF : 929.6/37

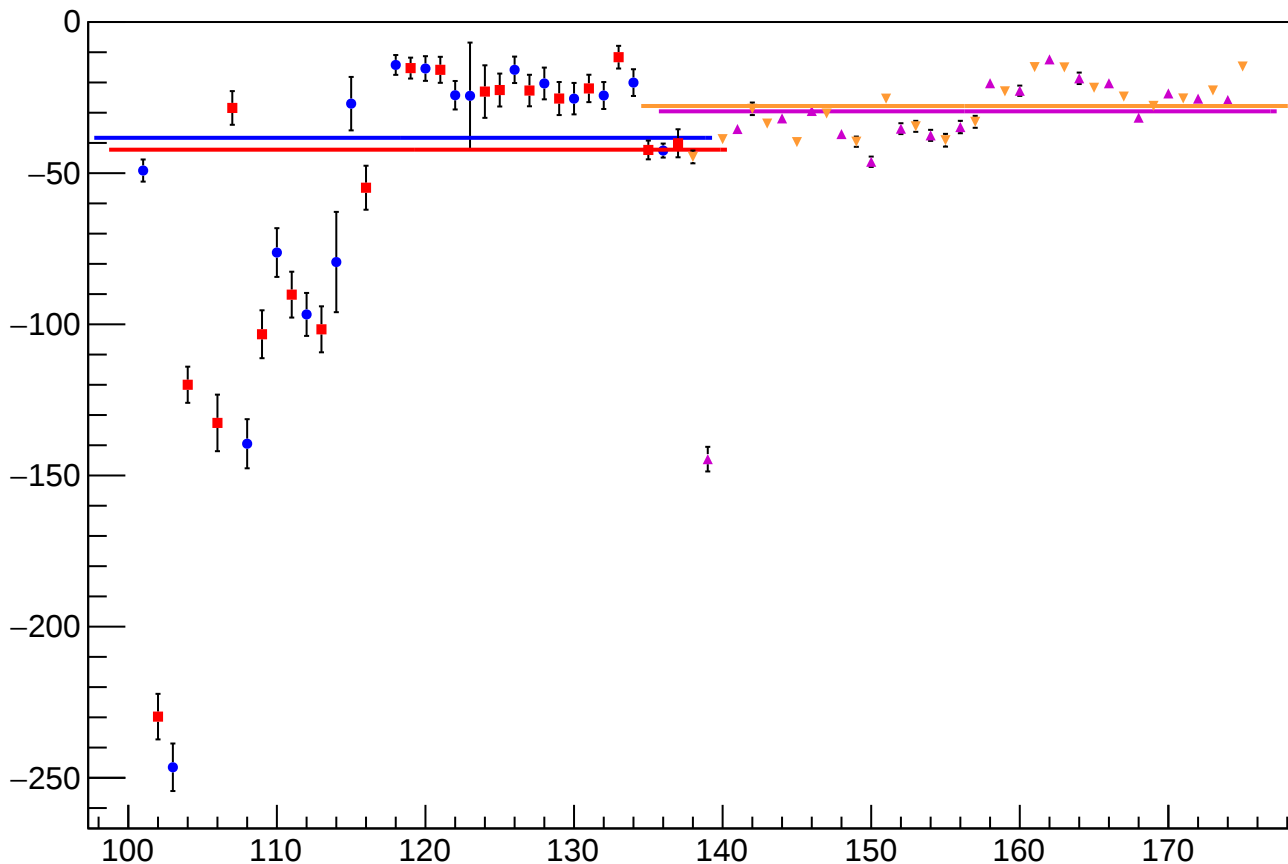
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.811+/-0.512 χ^2/NDF :447.0/17

Out: -41.438+/-0.485 χ^2/NDF :456.1/19

All: -39.722+/-0.352 χ^2/NDF : 929.6/37

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304+/-1.138 χ^2/NDF : 1132.8/16

Left Out: -27.779+/-0.364 χ^2/NDF : 555.1/19

Right Out: -42.231+/-1.210 χ^2/NDF : 1278.1/17

Left In: -29.548+/-0.384 χ^2/NDF : 1243.7/17

Left: -28.617+/-0.264 χ^2/NDF : 1810.0/37

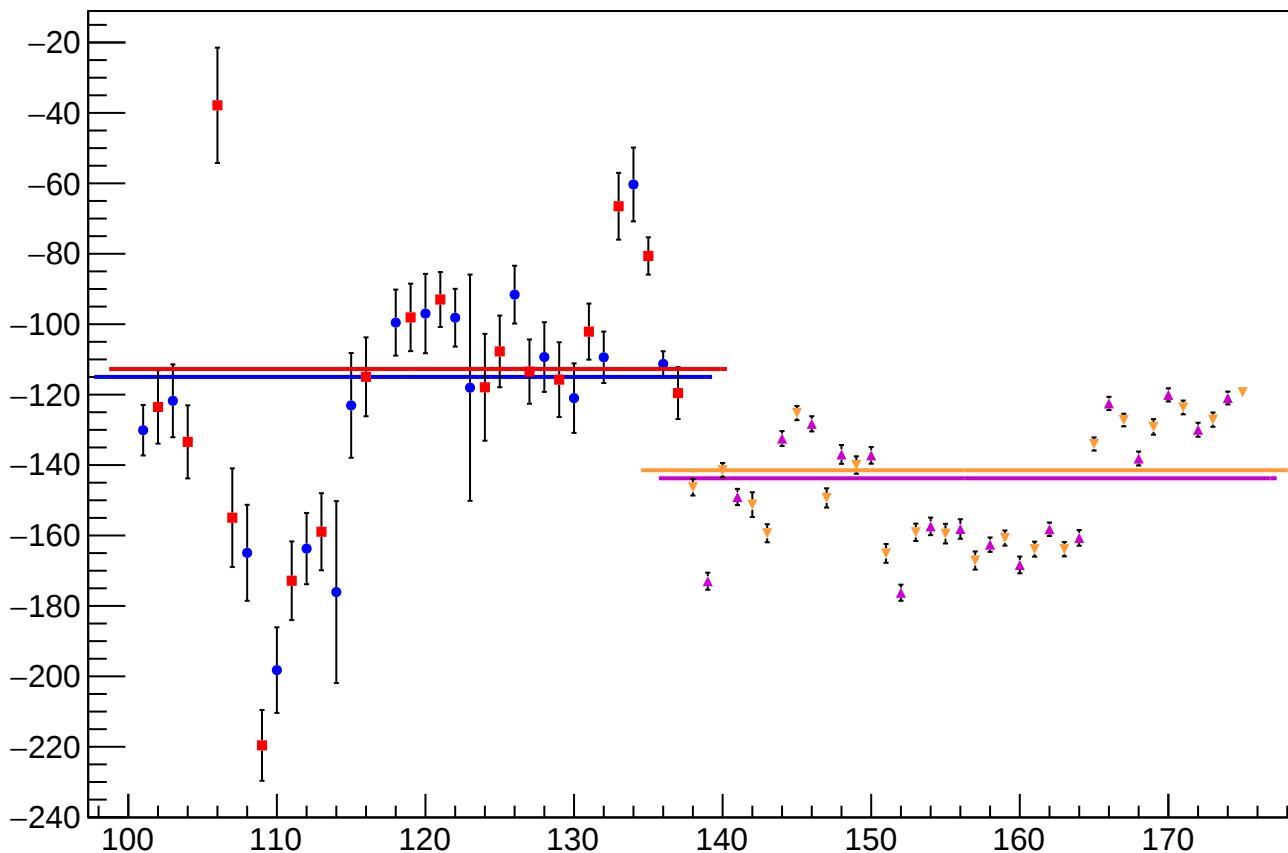
Right: -40.148+/-0.829 χ^2/NDF : 2416.5/34

In: -30.442+/-0.364 χ^2/NDF : 2429.6/34

Out: -28.980+/-0.349 χ^2/NDF : 1964.2/37

All: -29.680+/-0.252 χ^2/NDF : 4402.2/72

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -141.469 $\pm$ 0.484 χ^2 /NDF:1200.3/19

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -143.756 $\pm$ 0.509 χ^2 /NDF:1306.0/17

Left: -142.555 $\pm$ 0.351 χ^2 /NDF: 2516.9/37

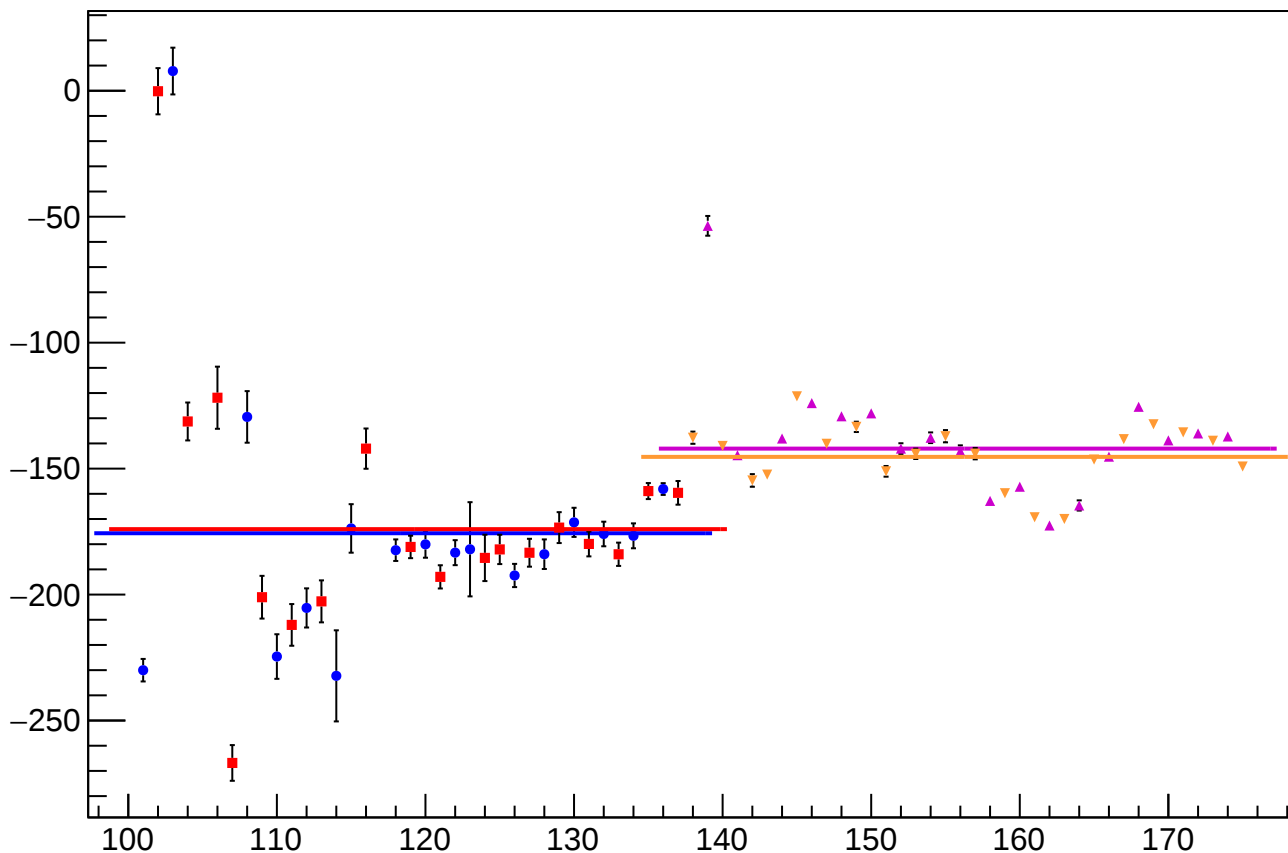
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -142.118 $\pm$ 0.495 χ^2 /NDF:1629.0/34

Out: -140.151 $\pm$ 0.473 χ^2 /NDF:1628.9/37

All: -141.091 $\pm$ 0.342 χ^2 /NDF: 3266.2/72

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -145.336 ± 0.413 χ^2/NDF : 911.4/19

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -142.058 ± 0.436 χ^2/NDF : 1524.7/17

Left: -143.784 ± 0.300 χ^2/NDF : 2465.9/37

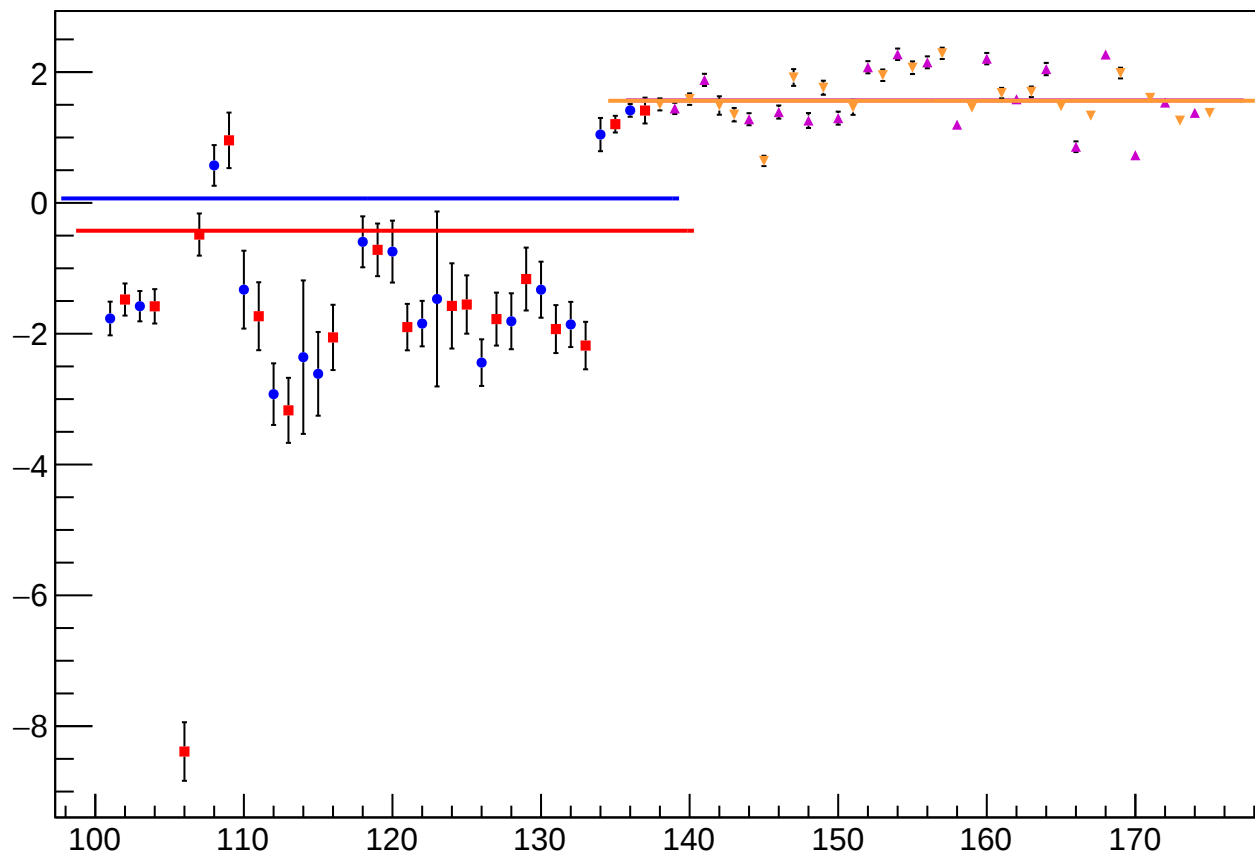
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -145.598 ± 0.412 χ^2/NDF : 2843.6/34

Out: -147.776 ± 0.395 χ^2/NDF : 2024.9/37

All: -146.732 ± 0.285 χ^2/NDF : 4883.1/72

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.562 ± 0.019 χ^2/NDF : 338.0/19

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.567 ± 0.020 χ^2/NDF : 600.5/17

Left: 1.564 ± 0.014 χ^2/NDF : 938.6/37

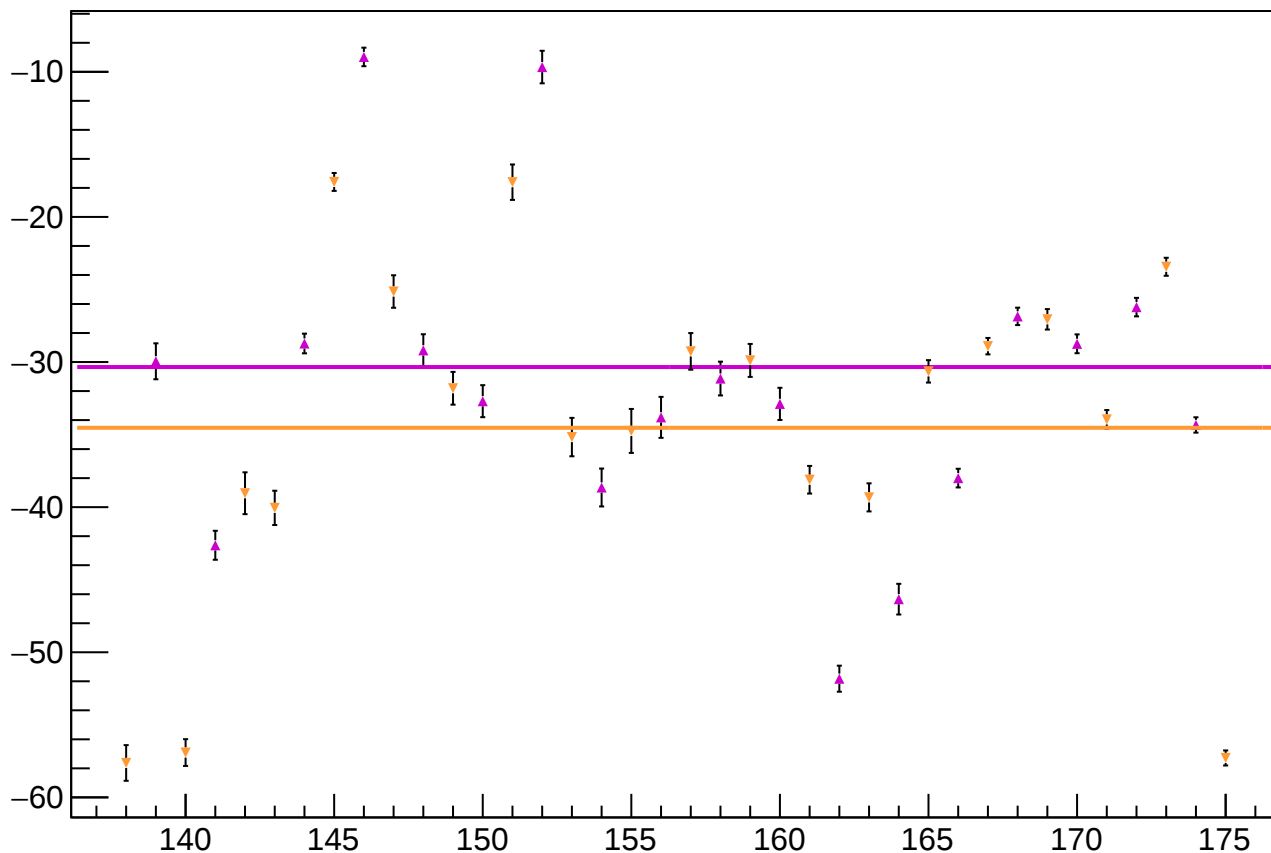
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.448 ± 0.019 χ^2/NDF : 1587.0/34

Out: 1.428 ± 0.018 χ^2/NDF : 1806.3/37

All: 1.438 ± 0.013 χ^2/NDF : 3393.8/72

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.530+/-0.189 χ^2/NDF :4545.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -30.344+/-0.192 χ^2/NDF :2756.6/17

Left: -32.473+/-0.135 χ^2/NDF : 7543.9/37

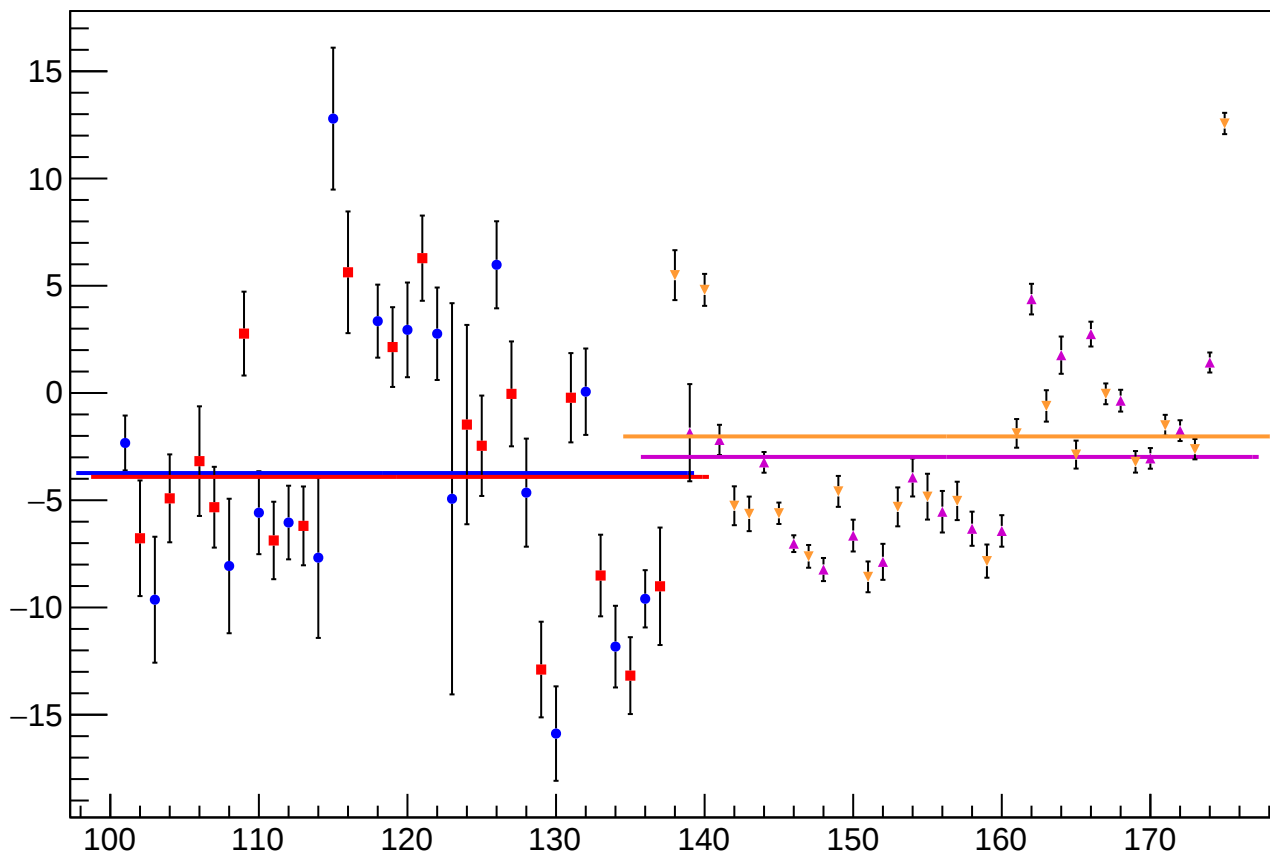
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.344+/-0.192 χ^2/NDF :2756.6/17

Out: -34.530+/-0.189 χ^2/NDF :4545.9/19

All: -32.473+/-0.135 χ^2/NDF : 7543.9/37

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -2.025 ± 0.143 $\chi^2/\text{NDF}: 1399.2/19$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -2.980 ± 0.143 $\chi^2/\text{NDF}: 666.2/17$

Left: -2.501 ± 0.101 $\chi^2/\text{NDF}: 2087.7/37$

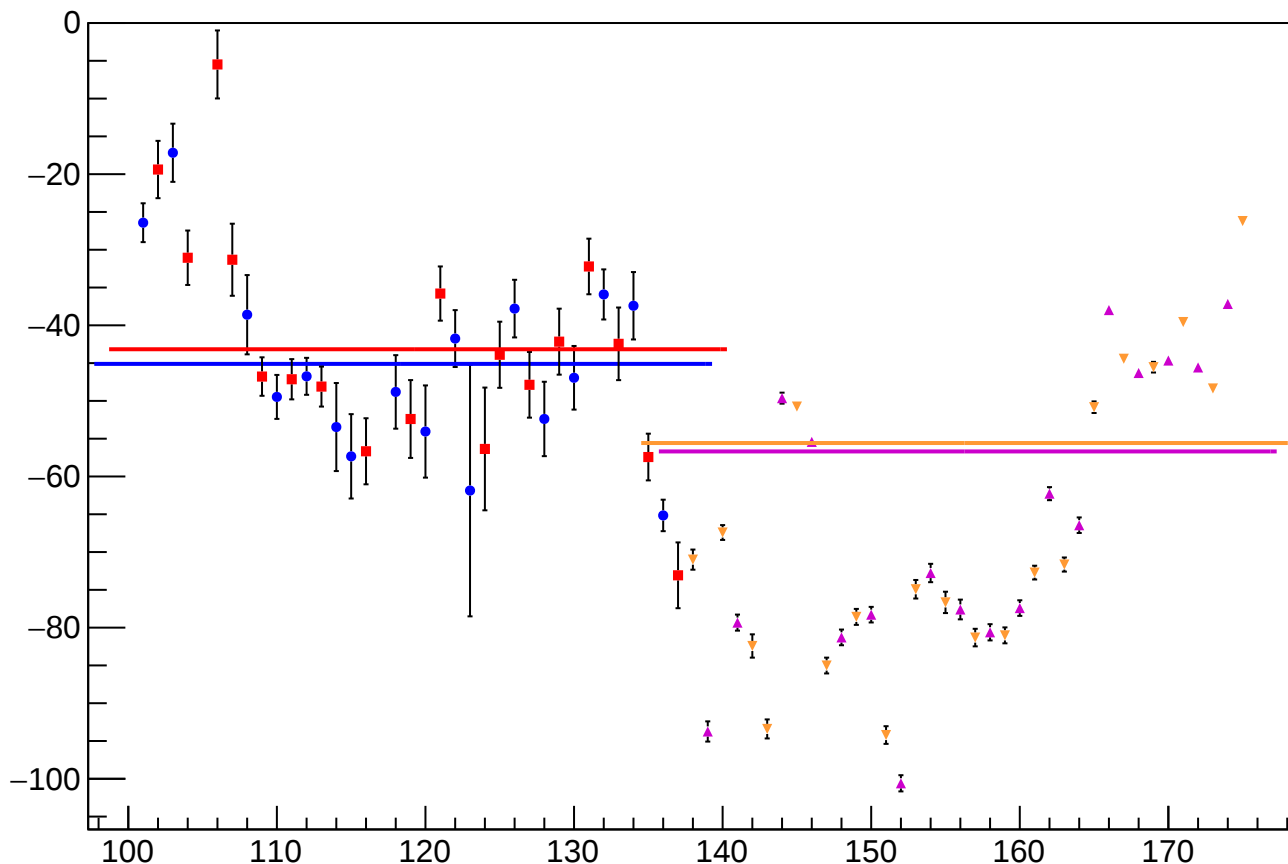
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -3.038 ± 0.138 $\chi^2/\text{NDF}: 834.1/34$

Out: -2.163 ± 0.137 $\chi^2/\text{NDF}: 1536.8/37$

All: -2.600 ± 0.097 $\chi^2/\text{NDF}: 2391.2/72$

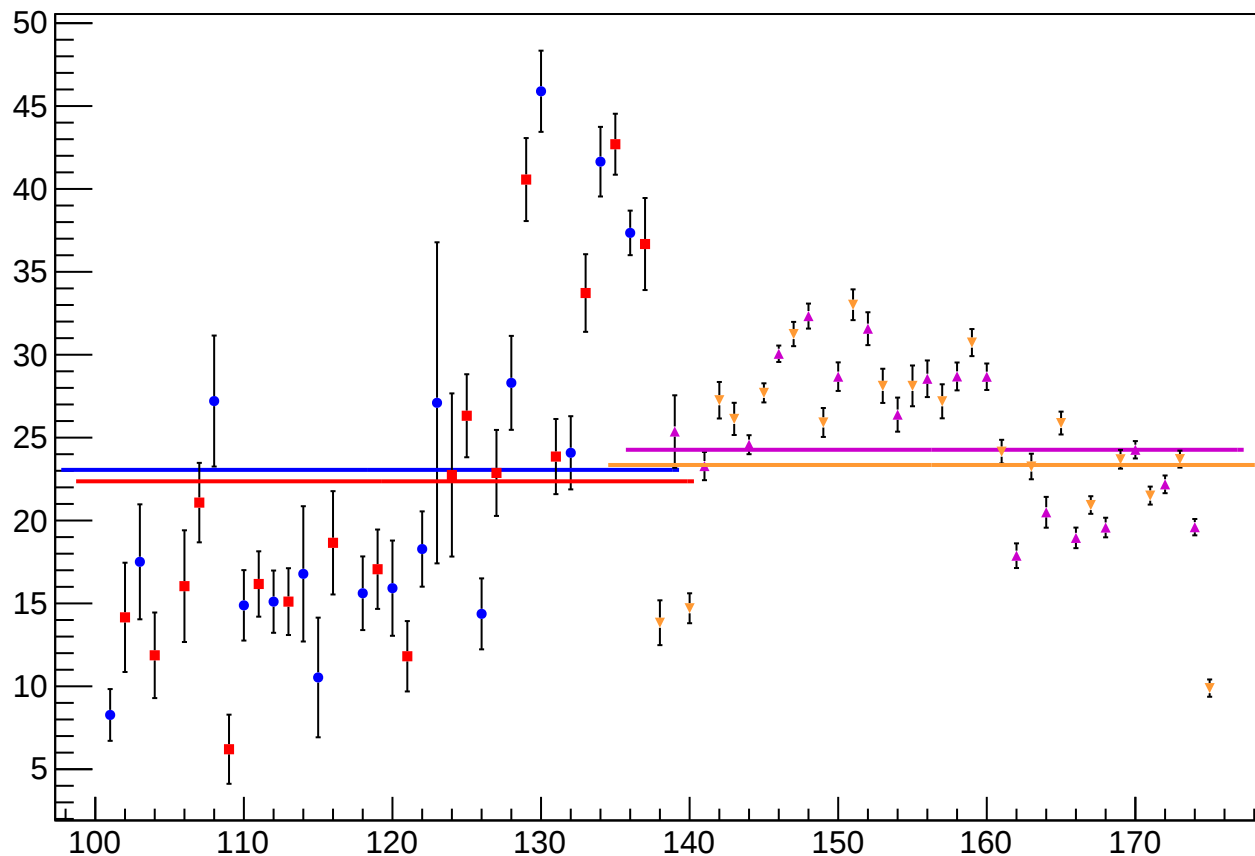
reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16
 Left Out: -55.572 ± 0.190 χ^2/NDF : 10621.9/19
 Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17
 Left In: -56.687 ± 0.193 χ^2/NDF : 8354.5/17

Left: -56.120 ± 0.135 χ^2/NDF : 18993.4/37
 Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34
 In: -56.159 ± 0.188 χ^2/NDF : 8749.5/34
 Out: -55.021 ± 0.185 χ^2/NDF : 11045.1/37
 All: -55.580 ± 0.132 χ^2/NDF : 19813.1/72

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 23.350 $\pm$ 0.161 χ^2 /NDF:1298.3/19

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 24.267 $\pm$ 0.164 χ^2 /NDF:742.6/17

Left: 23.802 $\pm$ 0.115 χ^2 /NDF: 2056.8/37

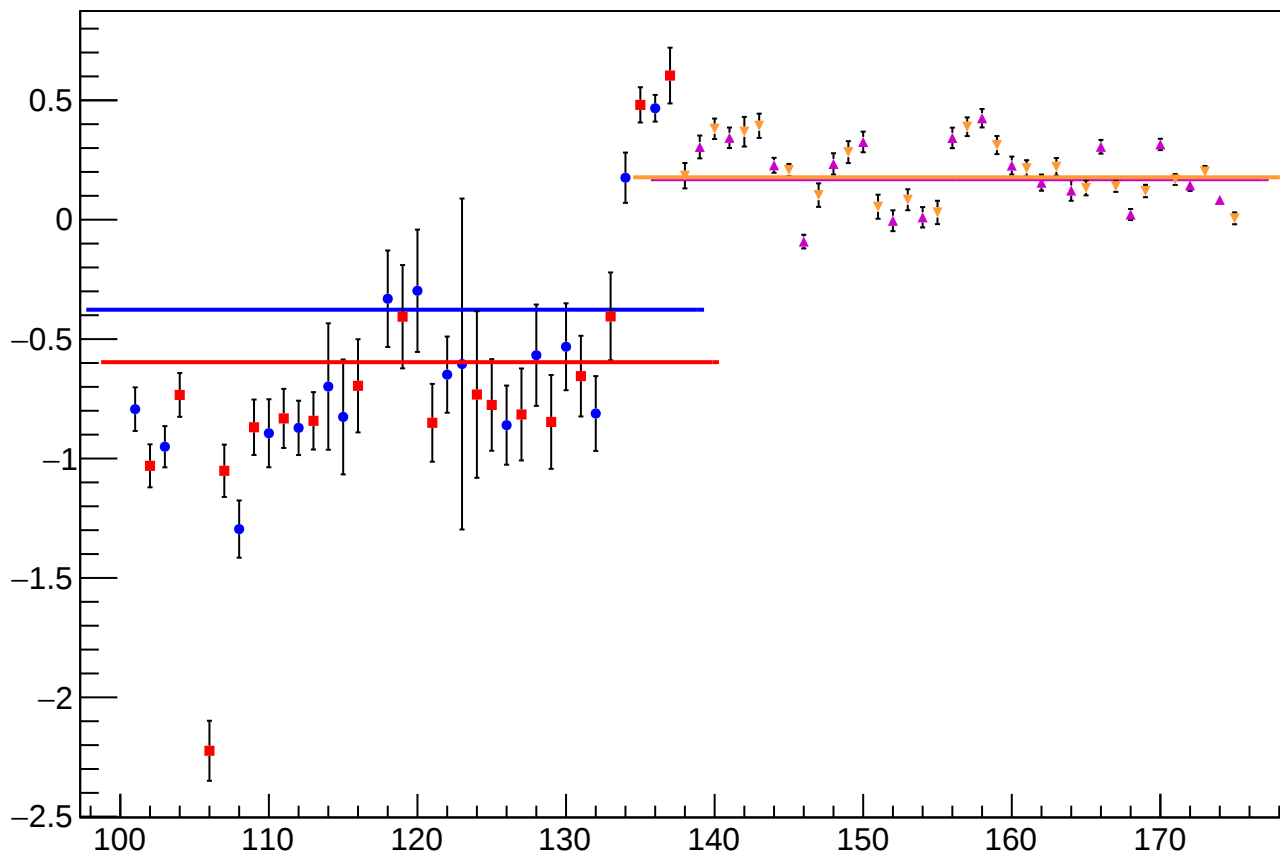
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 24.171 $\pm$ 0.157 χ^2 /NDF:1208.1/34

Out: 23.278 $\pm$ 0.155 χ^2 /NDF:1669.8/37

All: 23.719 $\pm$ 0.110 χ^2 /NDF: 2894.2/72

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: 0.177 ± 0.007 $\chi^2/\text{NDF}: 181.7/19$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.169 ± 0.008 $\chi^2/\text{NDF}: 338.8/17$

Left: 0.173 ± 0.005 $\chi^2/\text{NDF}: 521.1/37$

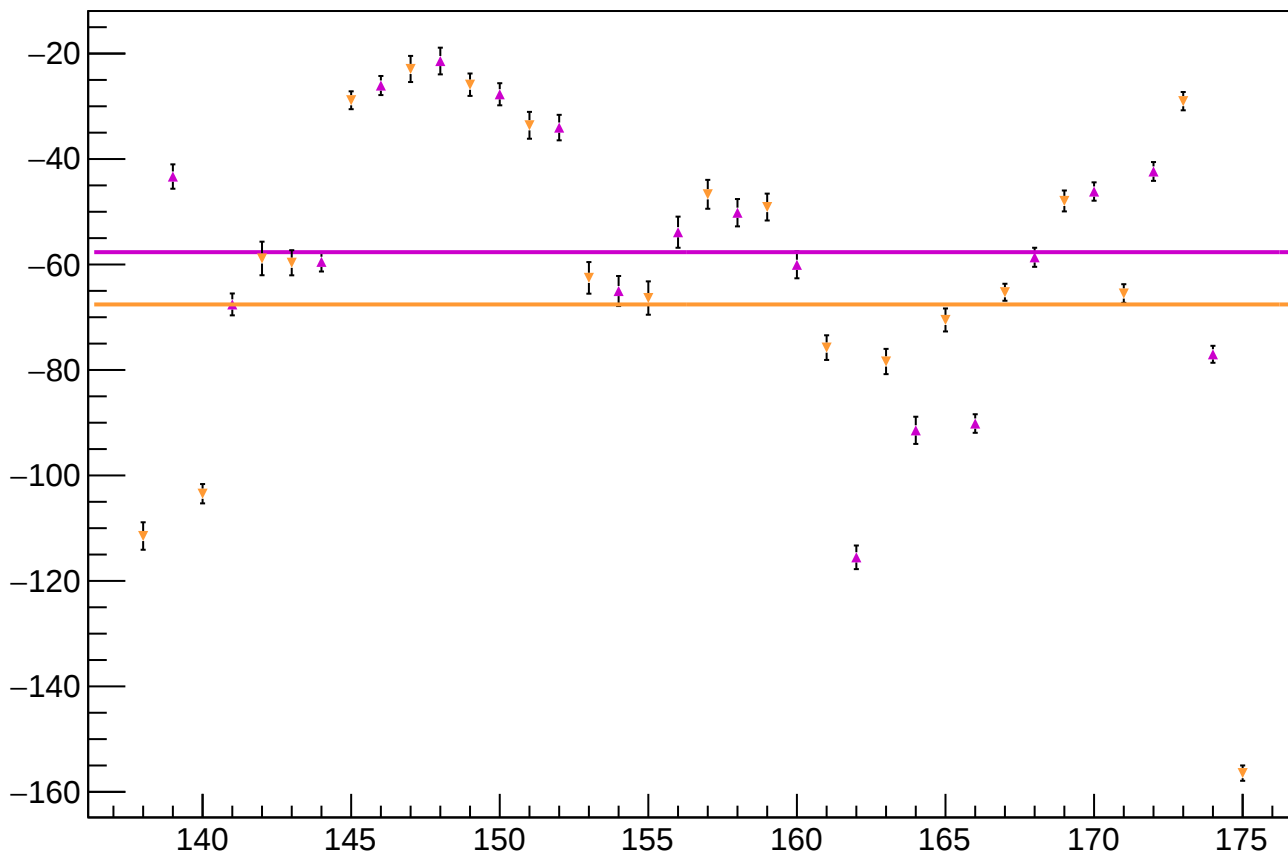
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.137 ± 0.007 $\chi^2/\text{NDF}: 1086.2/34$

Out: 0.133 ± 0.007 $\chi^2/\text{NDF}: 1350.3/37$

All: 0.135 ± 0.005 $\chi^2/\text{NDF}: 2436.6/72$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left Out: -67.574±/0.475 χ^2/NDF :6567.4/19

Right Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Left In: -57.660±/0.492 χ^2/NDF :2331.1/17

Left: -62.798±/0.342 χ^2/NDF : 9108.6/37

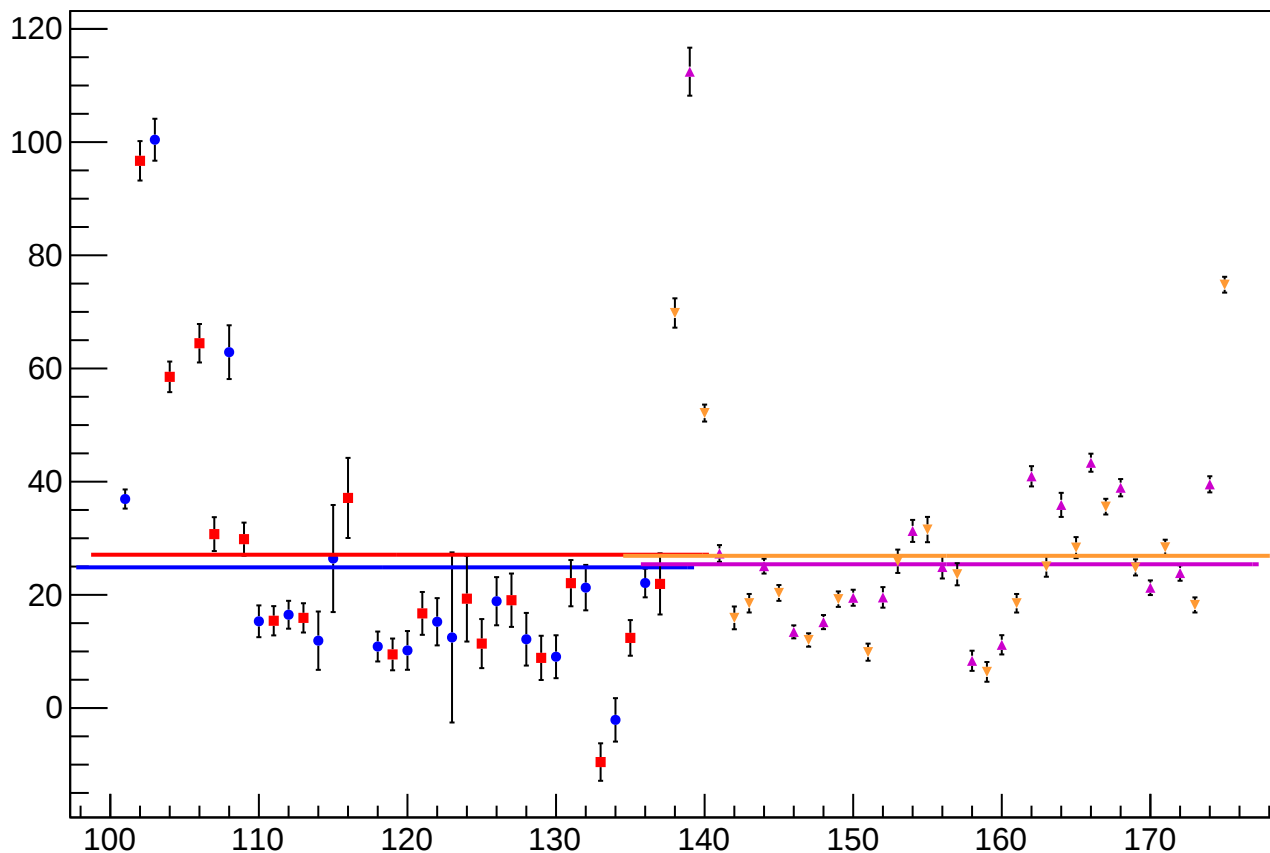
Right: 0.000±/0.000 χ^2/NDF : 0.0/0

In: -57.660±/0.492 χ^2/NDF :2331.1/17

Out: -67.574±/0.475 χ^2/NDF :6567.4/19

All: -62.798±/0.342 χ^2/NDF : 9108.6/37

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 26.901 ± 0.353 χ^2/NDF : 2382.1/19

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 25.406 ± 0.367 χ^2/NDF : 1211.1/17

Left: 26.182 ± 0.254 χ^2/NDF : 3601.7/37

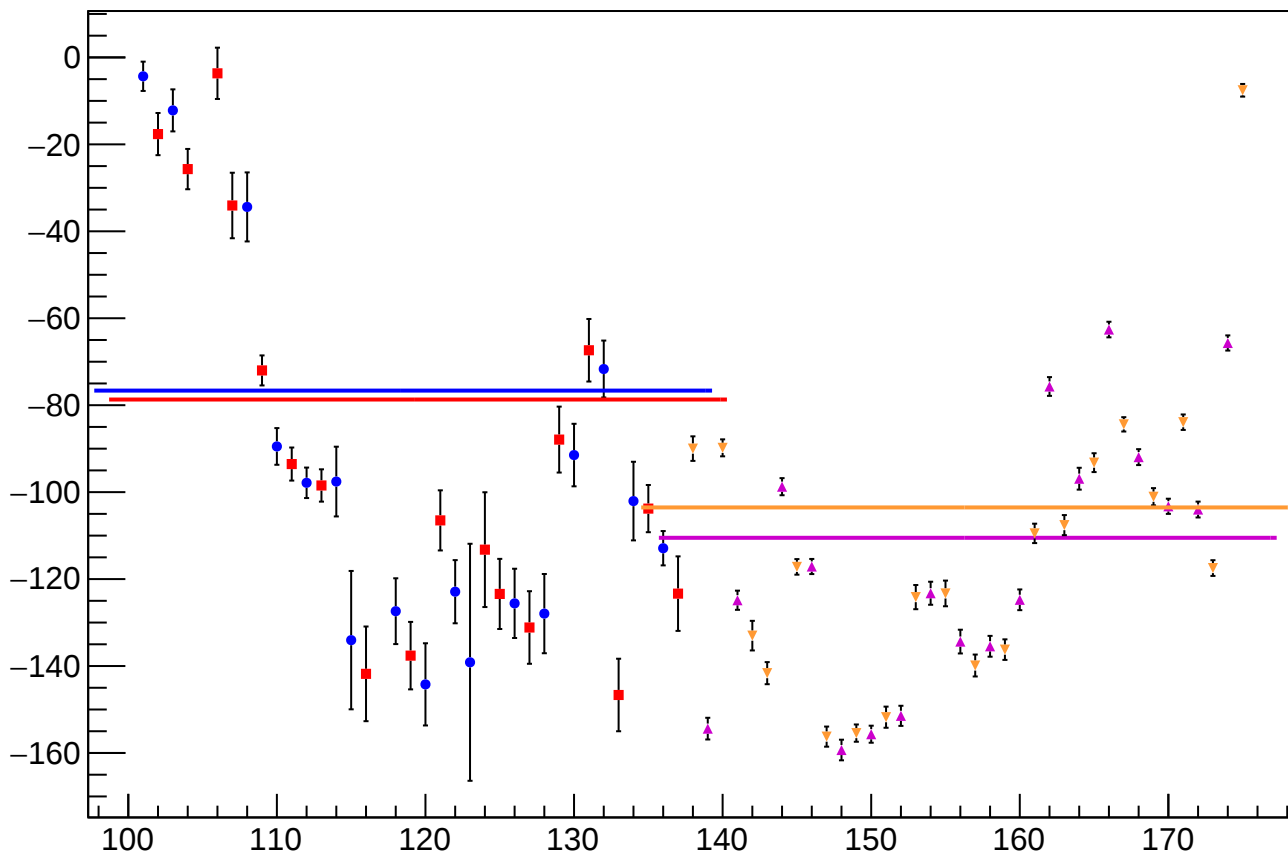
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 25.312 ± 0.333 χ^2/NDF : 1902.5/34

Out: 26.931 ± 0.323 χ^2/NDF : 3313.0/37

All: 26.146 ± 0.232 χ^2/NDF : 5227.6/72

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -103.519 ± 0.474 $\chi^2/\text{NDF}: 7219.5/19$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -110.504 ± 0.491 $\chi^2/\text{NDF}: 3708.0/17$

Left: -106.889 ± 0.341 $\chi^2/\text{NDF}: 11032.2/37$

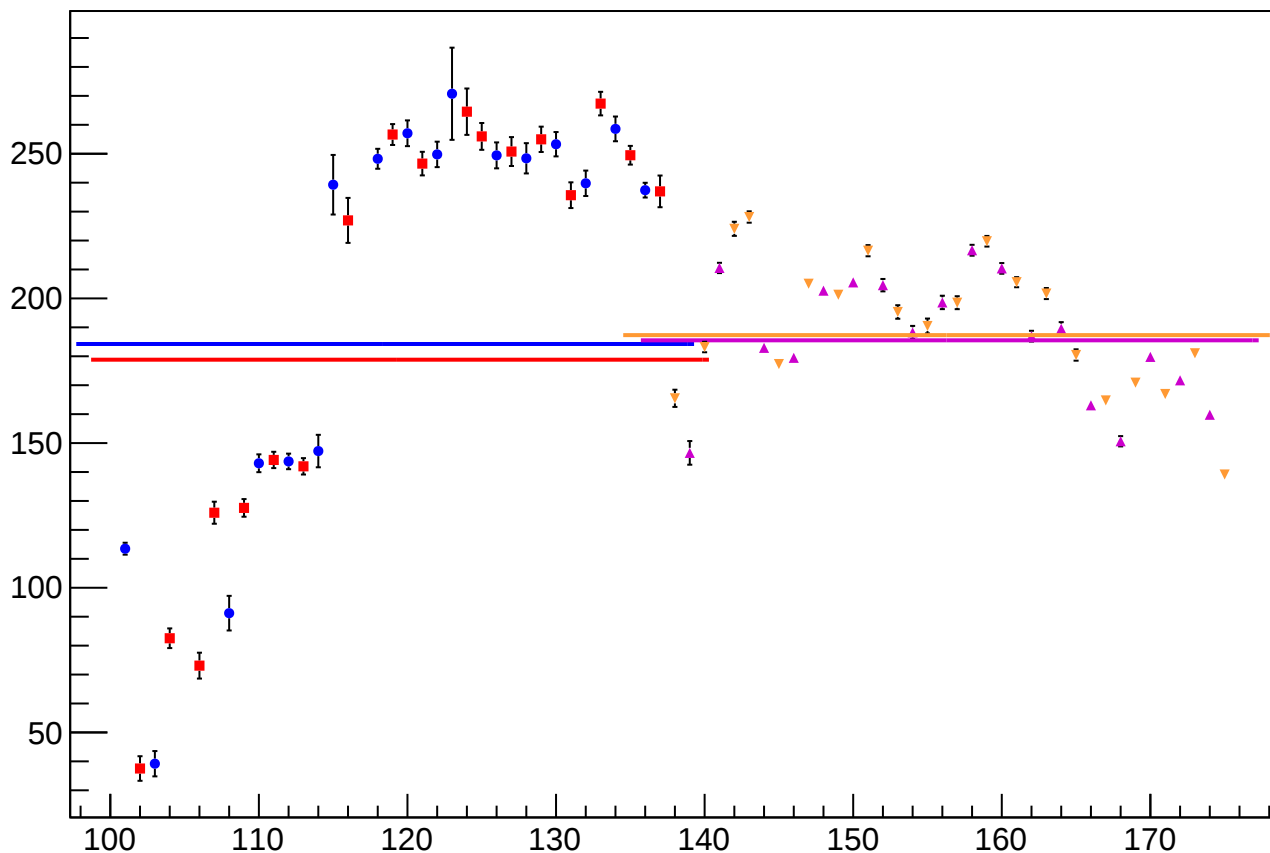
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -106.863 ± 0.464 $\chi^2/\text{NDF}: 5260.0/34$

Out: -100.827 ± 0.448 $\chi^2/\text{NDF}: 8353.0/37$

All: -103.738 ± 0.322 $\chi^2/\text{NDF}: 13700.7/72$

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: 187.315 $\pm$ 0.403 χ^2 /NDF:3309.5/19

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 185.515 $\pm$ 0.419 χ^2 /NDF:2081.0/17

Left: 186.450 $\pm$ 0.290 χ^2 /NDF: 5400.1/37

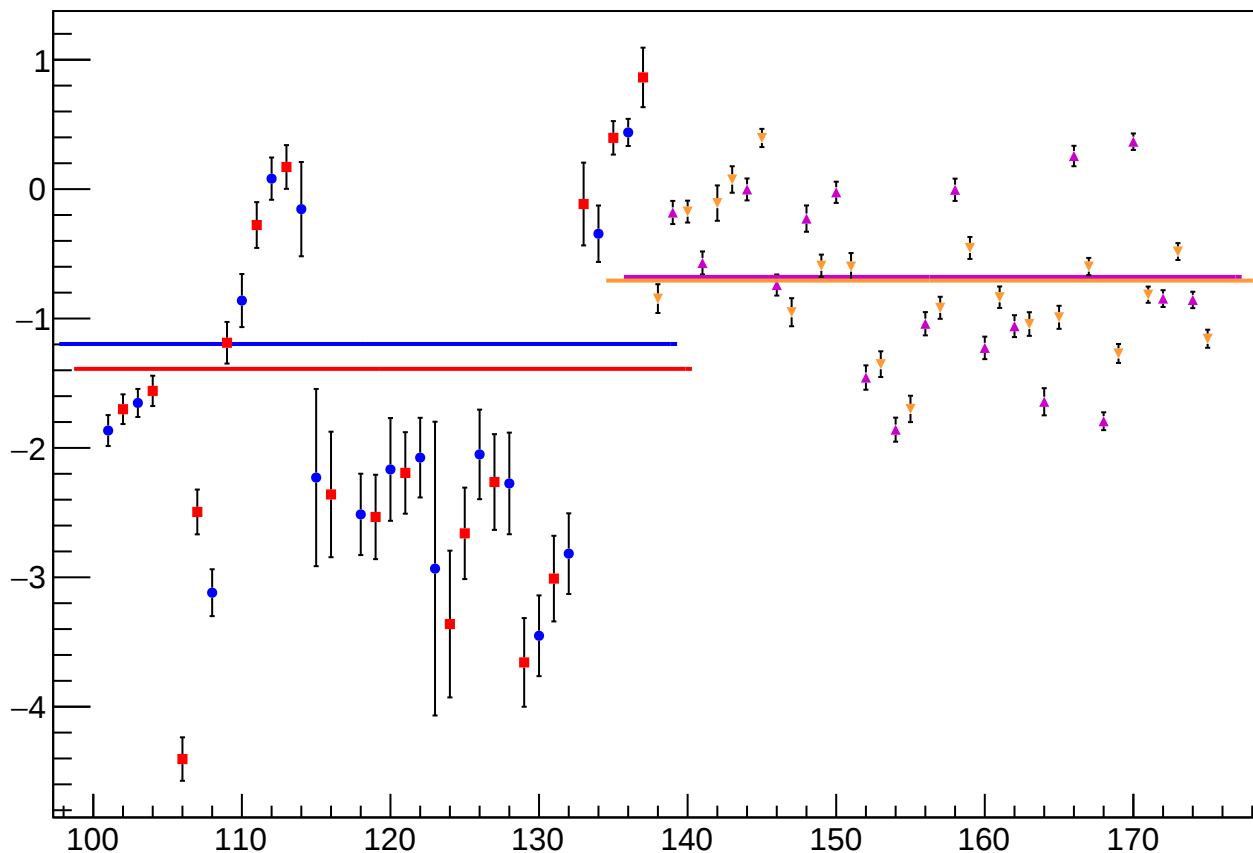
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 185.295 $\pm$ 0.381 χ^2 /NDF:7471.2/34

Out: 185.962 $\pm$ 0.369 χ^2 /NDF:9551.2/37

All: 185.639 $\pm$ 0.265 χ^2 /NDF: 17024.0/72

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 $\chi^2/\text{NDF}: 621.5/16$

Left Out: -0.707 ± 0.019 $\chi^2/\text{NDF}: 668.1/19$

Right Out: -1.389 ± 0.046 $\chi^2/\text{NDF}: 922.2/17$

Left In: -0.679 ± 0.019 $\chi^2/\text{NDF}: 1318.3/17$

Left: -0.693 ± 0.013 $\chi^2/\text{NDF}: 1987.5/37$

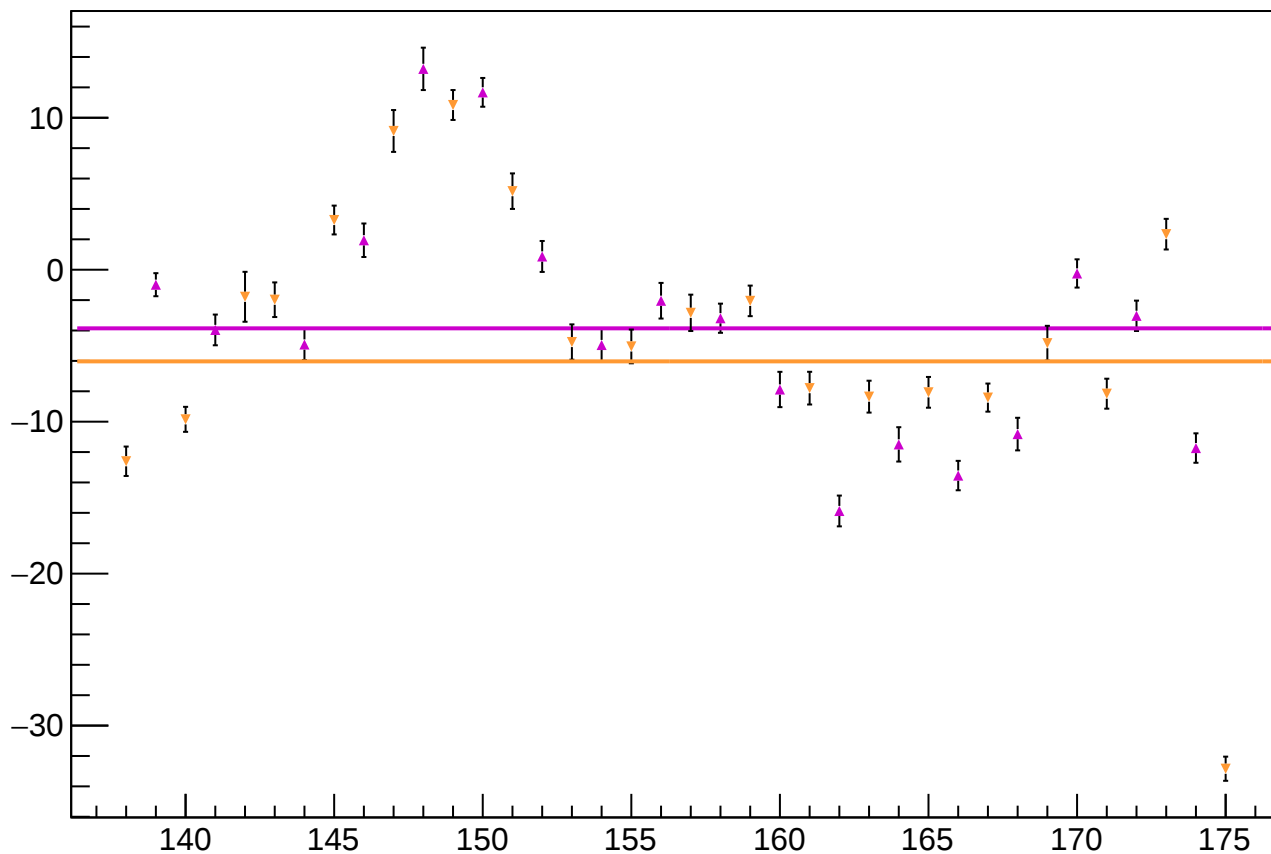
Right: -1.297 ± 0.033 $\chi^2/\text{NDF}: 1552.0/34$

In: -0.749 ± 0.018 $\chi^2/\text{NDF}: 2039.9/34$

Out: -0.804 ± 0.017 $\chi^2/\text{NDF}: 1778.6/37$

All: -0.777 ± 0.012 $\chi^2/\text{NDF}: 3823.2/72$

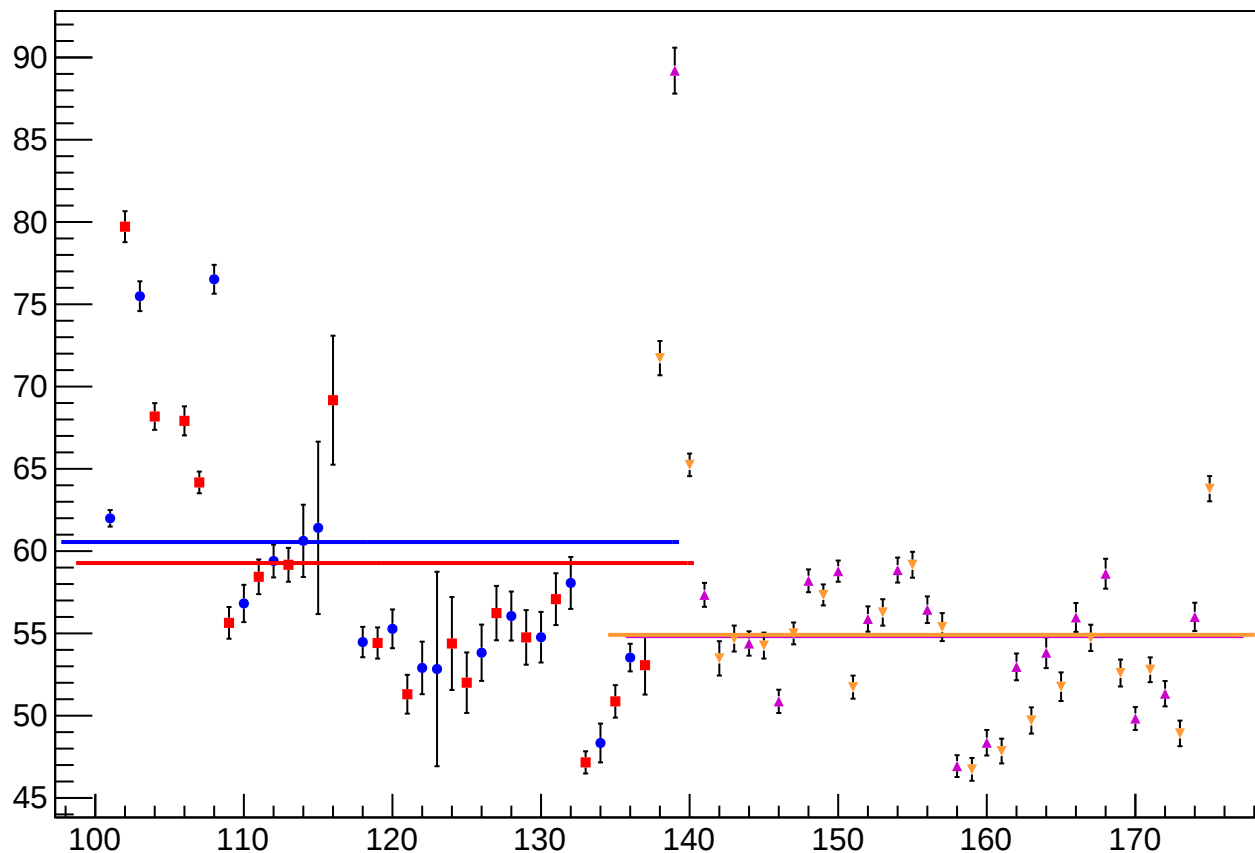
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.031+/-0.232 χ^2/NDF :1945.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.858+/-0.240 χ^2/NDF :909.7/17

Left: -4.982+/-0.167 χ^2/NDF : 2897.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.858+/-0.240 χ^2/NDF :909.7/17
 Out: -6.031+/-0.232 χ^2/NDF :1945.2/19
 All: -4.982+/-0.167 χ^2/NDF : 2897.4/37

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 54.912 ± 0.173 $\chi^2/\text{NDF}: 1049.1/19$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 54.834 ± 0.183 $\chi^2/\text{NDF}: 1056.0/17$

Left: 54.875 ± 0.126 $\chi^2/\text{NDF}: 2105.2/37$

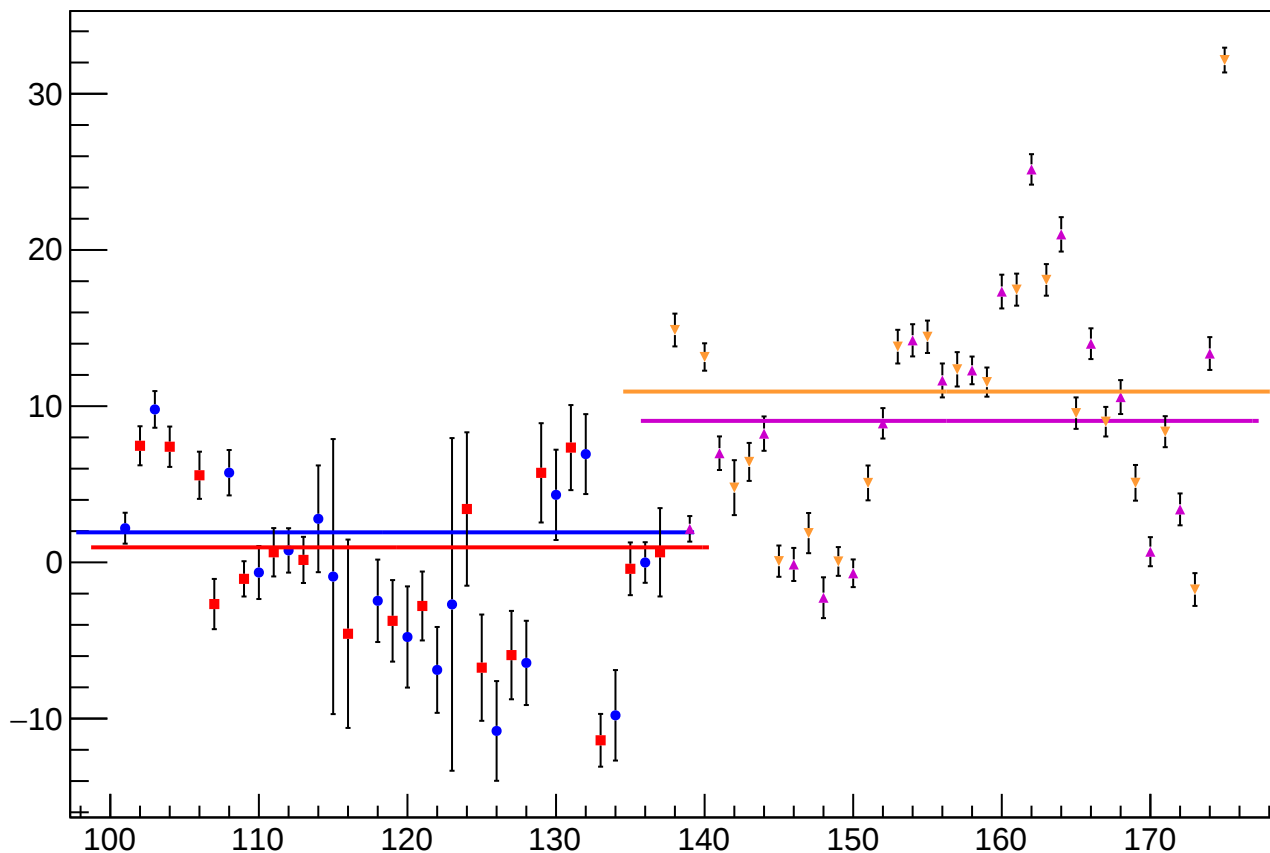
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 56.710 ± 0.150 $\chi^2/\text{NDF}: 2307.6/34$

Out: 56.335 ± 0.142 $\chi^2/\text{NDF}: 2531.1/37$

All: 56.512 ± 0.103 $\chi^2/\text{NDF}: 4842.0/72$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 10.935 ± 0.230 $\chi^2/\text{NDF}: 1391.6/19$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 9.058 ± 0.238 $\chi^2/\text{NDF}: 995.5/17$

Left: 10.027 ± 0.165 $\chi^2/\text{NDF}: 2419.2/37$

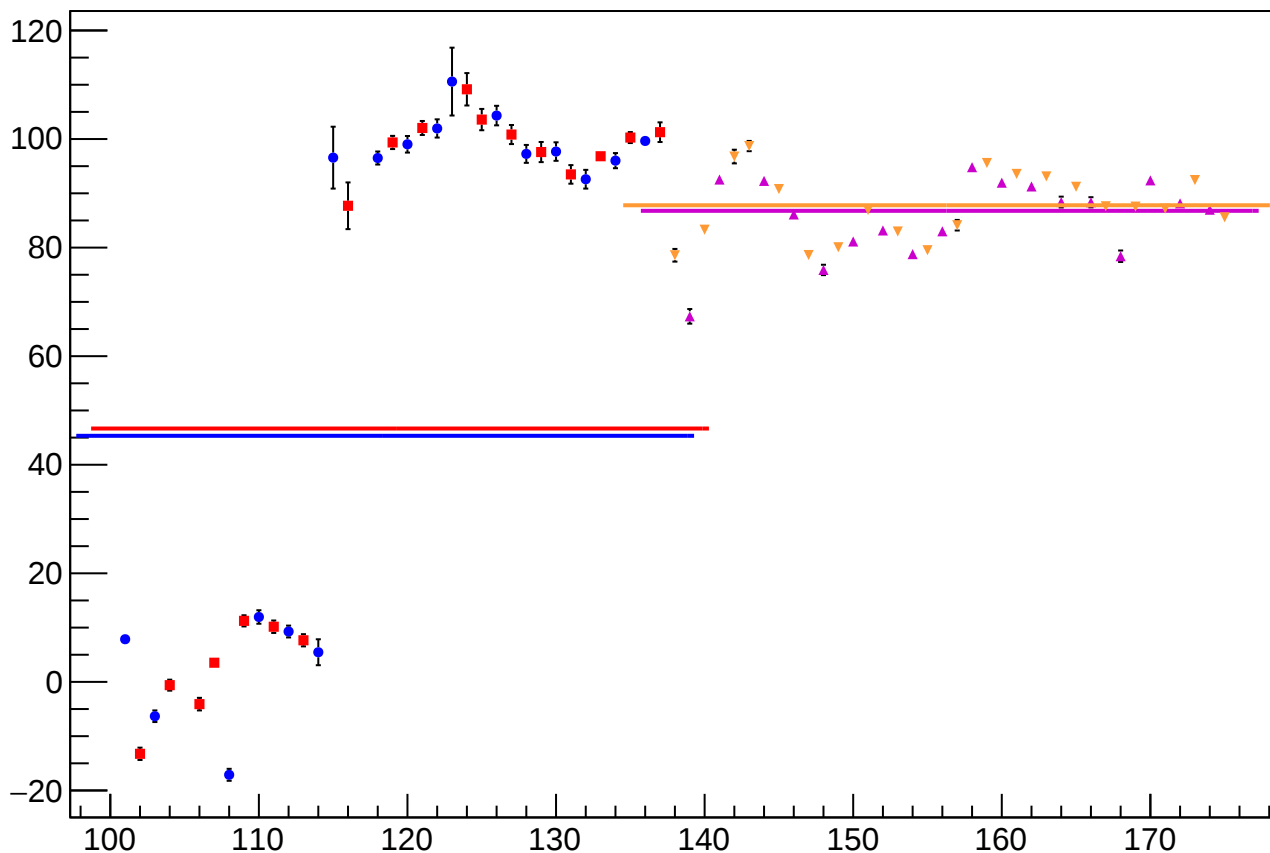
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 7.544 ± 0.211 $\chi^2/\text{NDF}: 1307.5/34$

Out: 8.710 ± 0.203 $\chi^2/\text{NDF}: 1960.3/37$

All: 8.150 ± 0.146 $\chi^2/\text{NDF}: 3283.7/72$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.798 $\pm$ 0.197 χ^2 /NDF: 876.7/19

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.776 $\pm$ 0.207 χ^2 /NDF: 920.4/17

Left: 87.312 $\pm$ 0.143 χ^2 /NDF: 1809.9/37

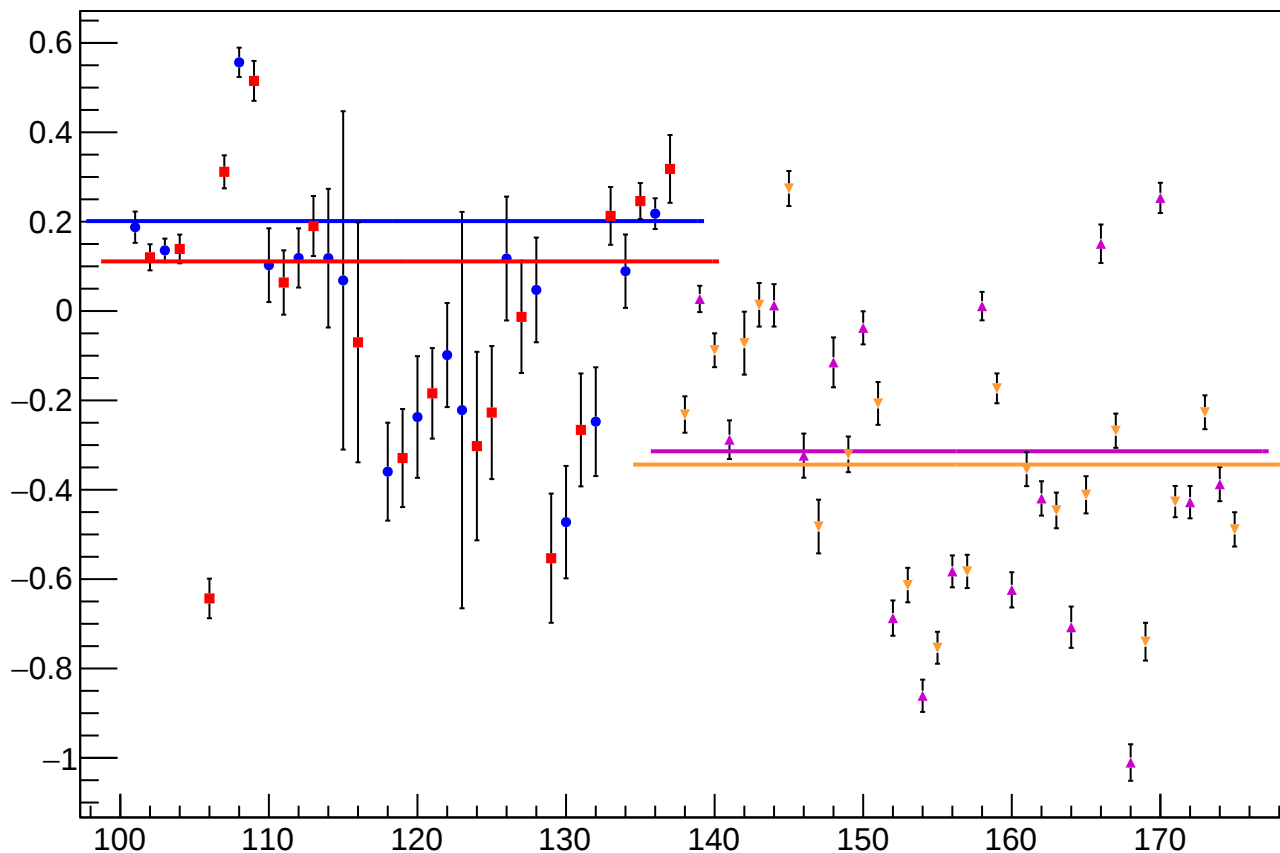
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 73.633 $\pm$ 0.171 χ^2 /NDF: 38653.3/34

Out: 74.864 $\pm$ 0.163 χ^2 /NDF: 42486.5/37

All: 74.277 $\pm$ 0.118 χ^2 /NDF: 81166.9/72

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.344 ± 0.009 χ^2/NDF : 762.1/19

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.314 ± 0.009 χ^2/NDF : 1572.5/17

Left: -0.329 ± 0.006 χ^2/NDF : 2340.0/37

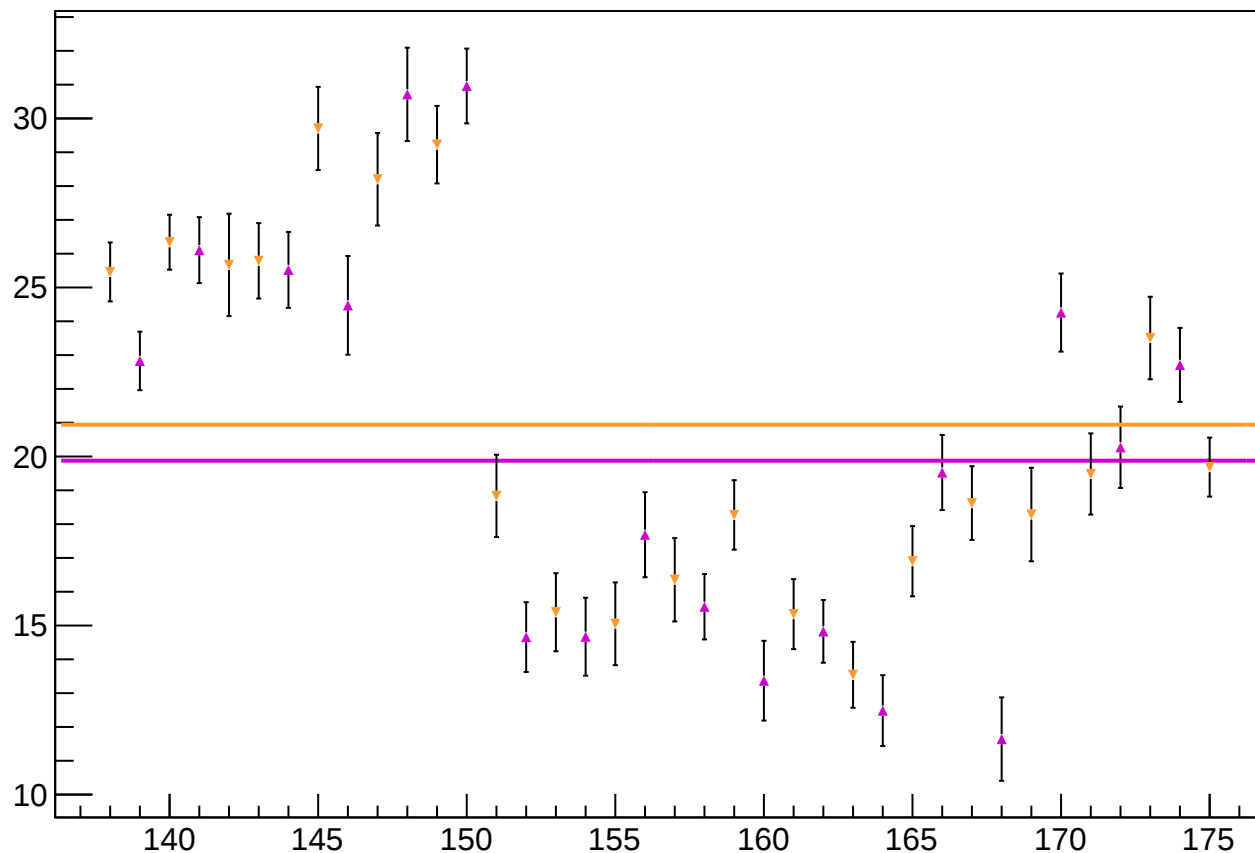
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.161 ± 0.008 χ^2/NDF : 2736.3/34

Out: -0.199 ± 0.007 χ^2/NDF : 2063.3/37

All: -0.180 ± 0.005 χ^2/NDF : 4812.1/72

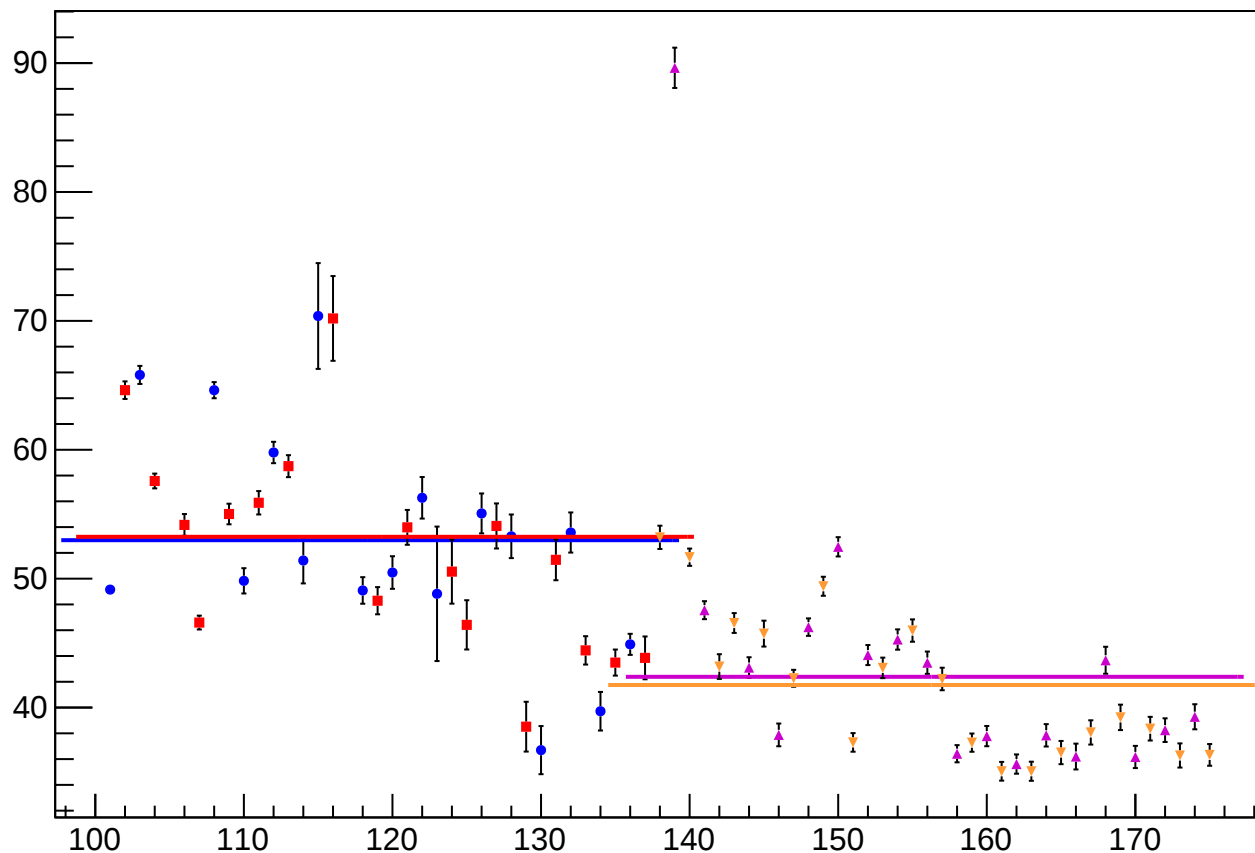
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.941 $\pm$ 0.245 χ^2 /NDF:418.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17

Left: 20.438 $\pm$ 0.178 χ^2 /NDF: 922.0/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17
 Out: 20.941 $\pm$ 0.245 χ^2 /NDF:418.8/19
 All: 20.438 $\pm$ 0.178 χ^2 /NDF: 922.0/37

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: 41.749 $\pm$ 0.181 χ^2 /NDF: 961.1/19

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 42.385 $\pm$ 0.195 χ^2 /NDF: 1575.0/17

Left: 42.044 $\pm$ 0.133 χ^2 /NDF: 2541.8/37

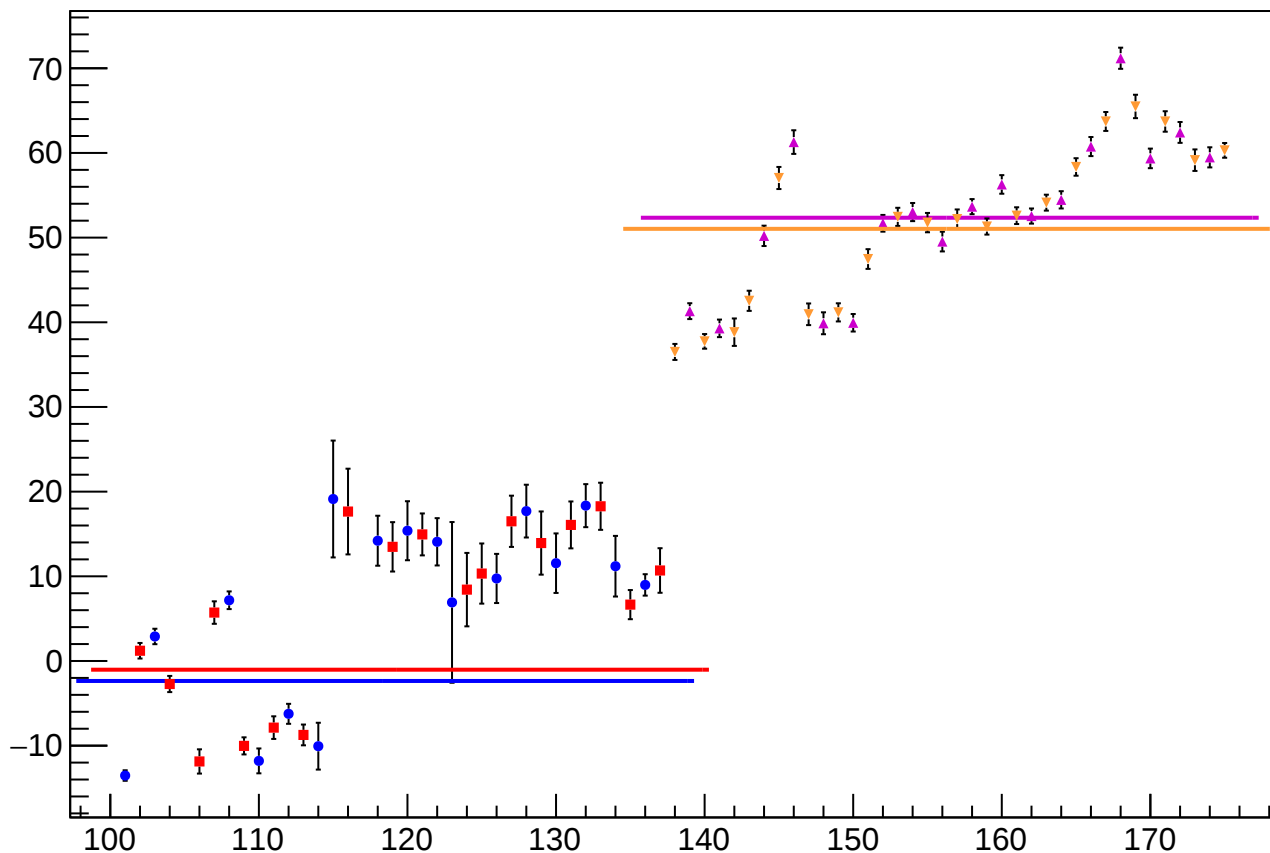
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 47.281 $\pm$ 0.143 χ^2 /NDF: 4139.9/34

Out: 46.224 $\pm$ 0.142 χ^2 /NDF: 3379.8/37

All: 46.748 $\pm$ 0.101 χ^2 /NDF: 7547.2/72

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 51.037 ± 0.243 χ^2/NDF : 1326.8/19

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 52.347 ± 0.256 χ^2/NDF : 1027.3/17

Left: 51.659 ± 0.176 χ^2/NDF : 2367.9/37

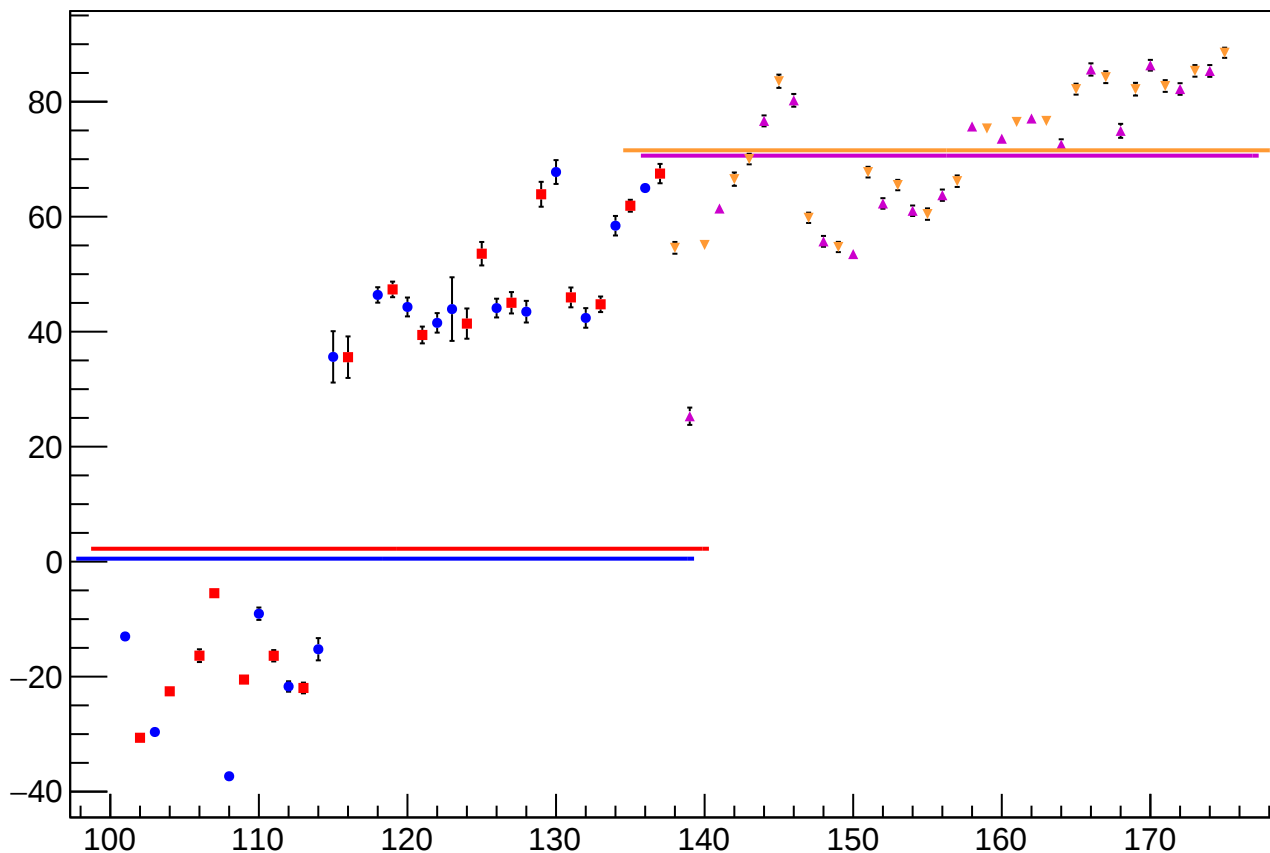
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 34.271 ± 0.209 χ^2/NDF : 16978.9/34

Out: 35.921 ± 0.205 χ^2/NDF : 15139.2/37

All: 35.114 ± 0.146 χ^2/NDF : 32149.9/72

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 71.545 $\pm$ 0.207 χ^2 /NDF: 2718.0/19

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 70.615 $\pm$ 0.221 χ^2 /NDF: 2991.3/17

Left: 71.110 $\pm$ 0.151 χ^2 /NDF: 5718.7/37

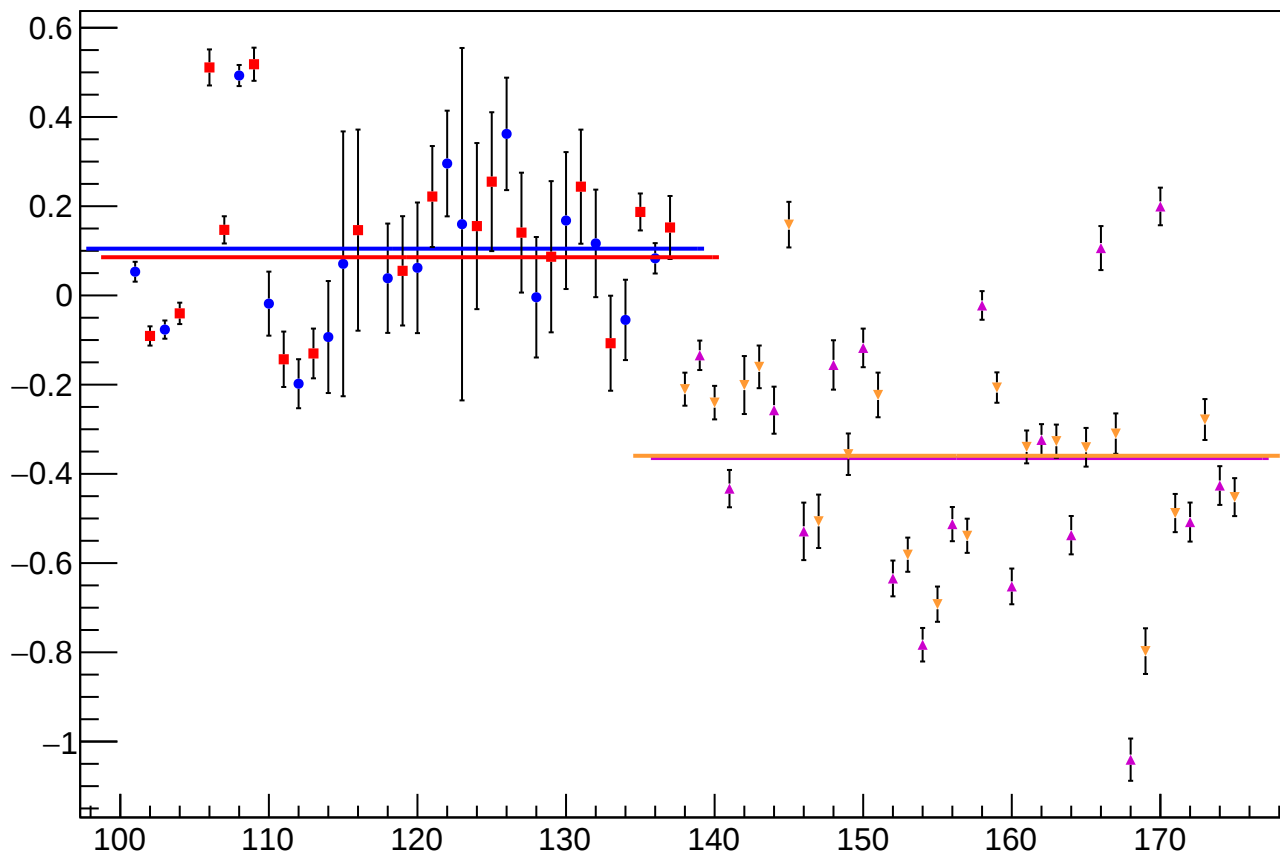
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 39.474 $\pm$ 0.165 χ^2 /NDF: 66163.1/34

Out: 45.530 $\pm$ 0.164 χ^2 /NDF: 60043.8/37

All: 42.516 $\pm$ 0.116 χ^2 /NDF: 126887.0/72

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: -0.359 ± 0.010 $\chi^2/\text{NDF}: 404.7/19$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.365 ± 0.010 $\chi^2/\text{NDF}: 962.3/17$

Left: -0.362 ± 0.007 $\chi^2/\text{NDF}: 1367.1/37$

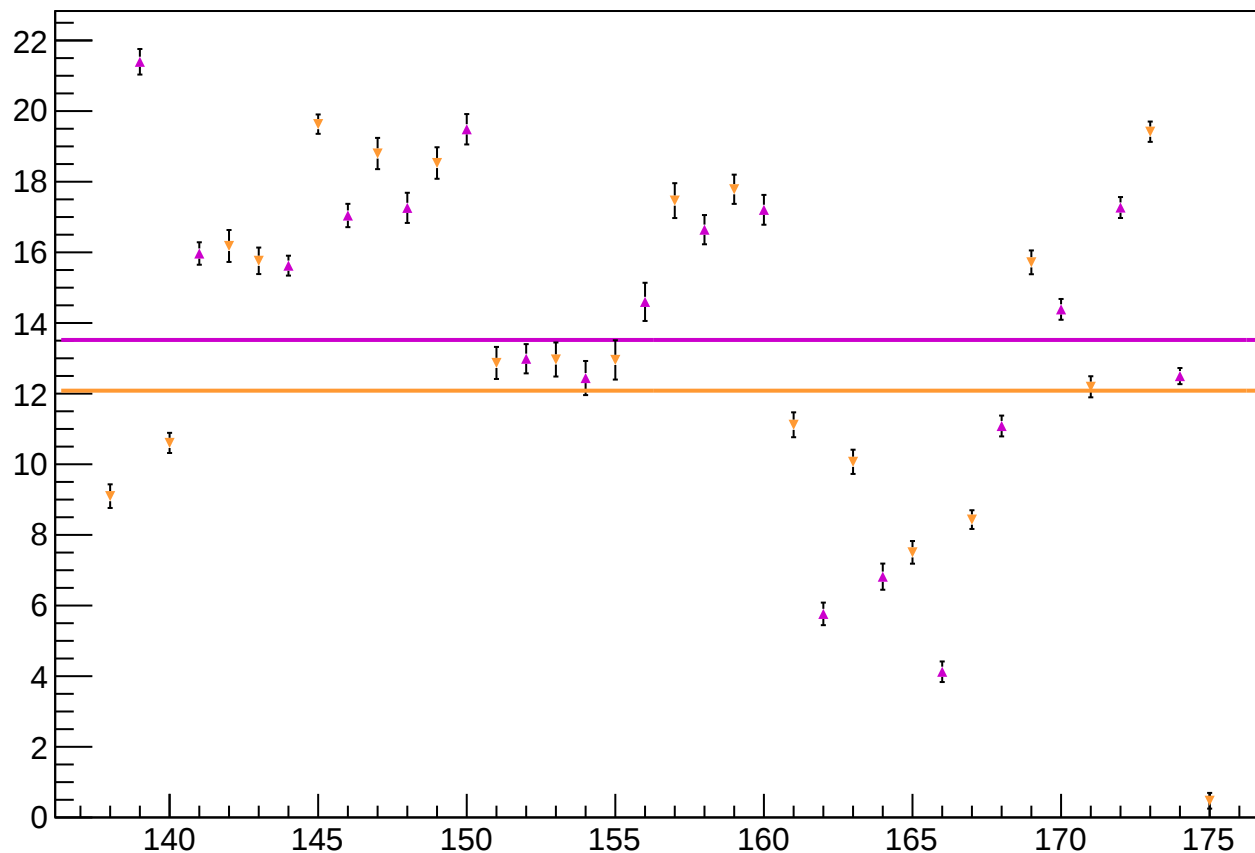
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.157 ± 0.007 $\chi^2/\text{NDF}: 2372.6/34$

Out: -0.170 ± 0.007 $\chi^2/\text{NDF}: 1717.3/37$

All: -0.163 ± 0.005 $\chi^2/\text{NDF}: 4091.4/72$

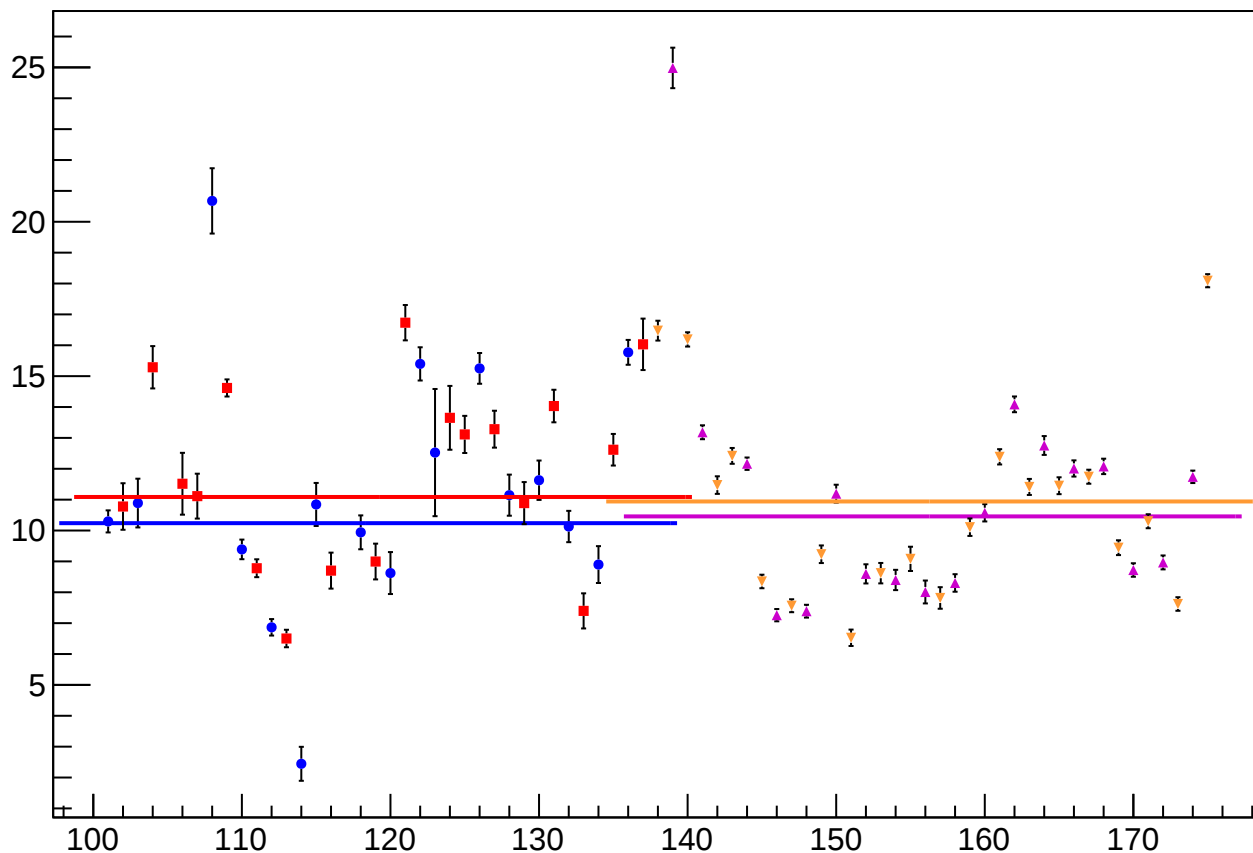
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 12.084+/-0.076 χ^2/NDF :5728.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.520+/-0.080 χ^2/NDF :3329.2/17

Left: 12.771+/-0.055 χ^2/NDF : 9226.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.520+/-0.080 χ^2/NDF :3329.2/17
 Out: 12.084+/-0.076 χ^2/NDF :5728.1/19
 All: 12.771+/-0.055 χ^2/NDF : 9226.8/37

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2/NDF : 867.4/16

Left Out: 10.941 $\pm$ 0.057 χ^2/NDF :3174.9/19

Right Out: 11.087 $\pm$ 0.116 χ^2/NDF : 801.0/17

Left In: 10.457 $\pm$ 0.060 χ^2/NDF :1852.9/17

Left: 10.709 $\pm$ 0.041 χ^2/NDF : 5062.2/37

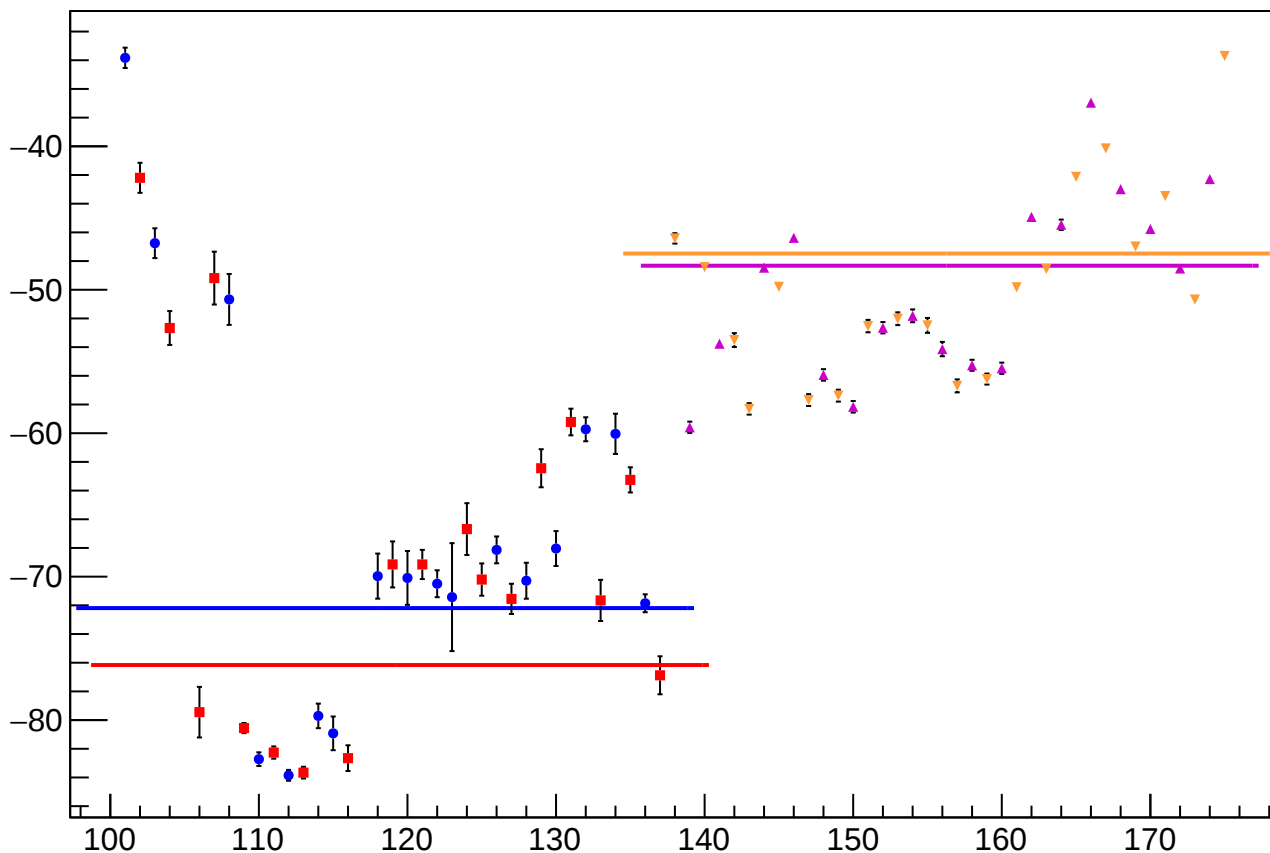
Right: 10.672 $\pm$ 0.083 χ^2/NDF : 1694.4/34

In: 10.414 $\pm$ 0.053 χ^2/NDF :2723.1/34

Out: 10.969 $\pm$ 0.051 χ^2/NDF :3977.2/37

All: 10.702 $\pm$ 0.037 χ^2/NDF : 6756.7/72

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: -47.475 ± 0.077 $\chi^2/\text{NDF}: 8587.3/19$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -48.324 ± 0.080 $\chi^2/\text{NDF}: 5705.9/17$

Left: -47.882 ± 0.055 $\chi^2/\text{NDF}: 14352.1/37$

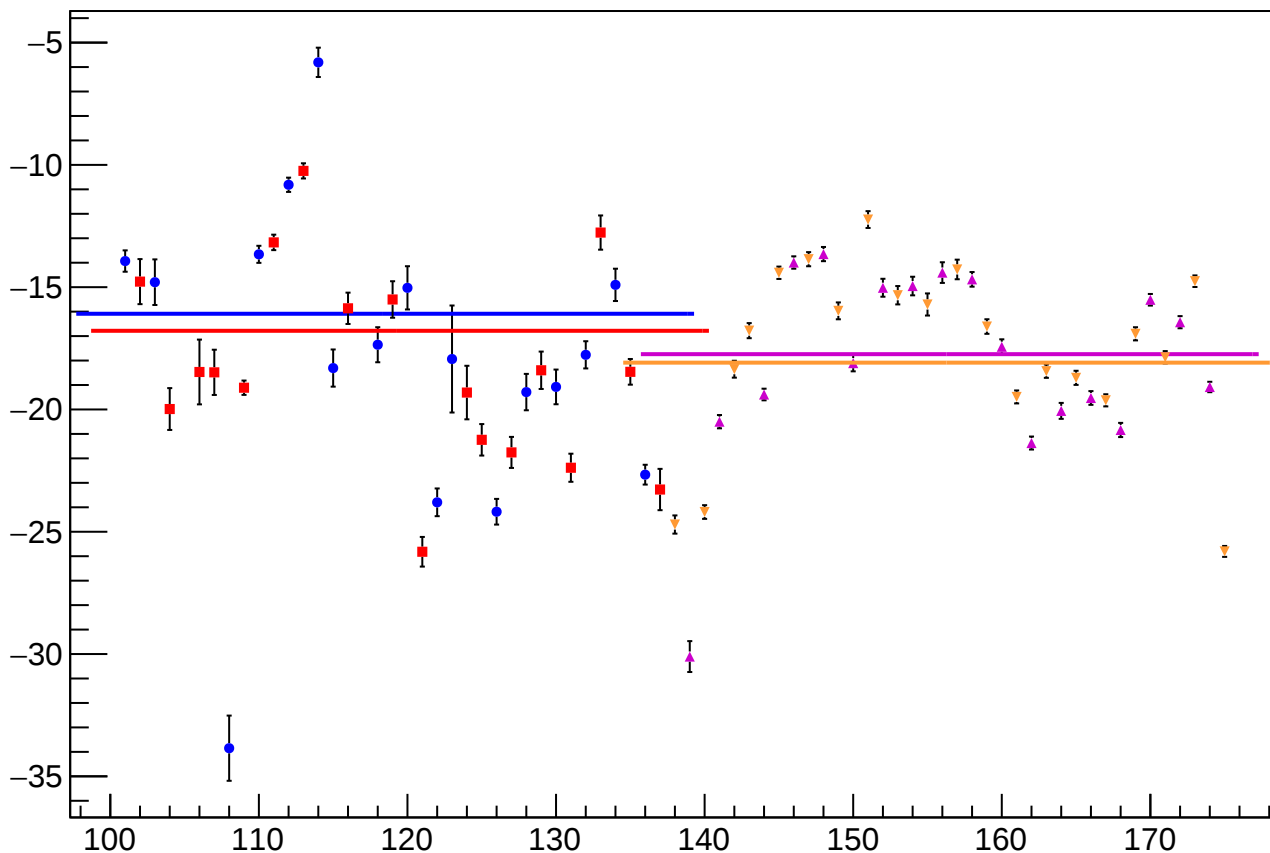
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -51.659 ± 0.074 $\chi^2/\text{NDF}: 23752.8/34$

Out: -51.824 ± 0.071 $\chi^2/\text{NDF}: 33066.6/37$

All: -51.745 ± 0.051 $\chi^2/\text{NDF}: 56822.0/72$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected

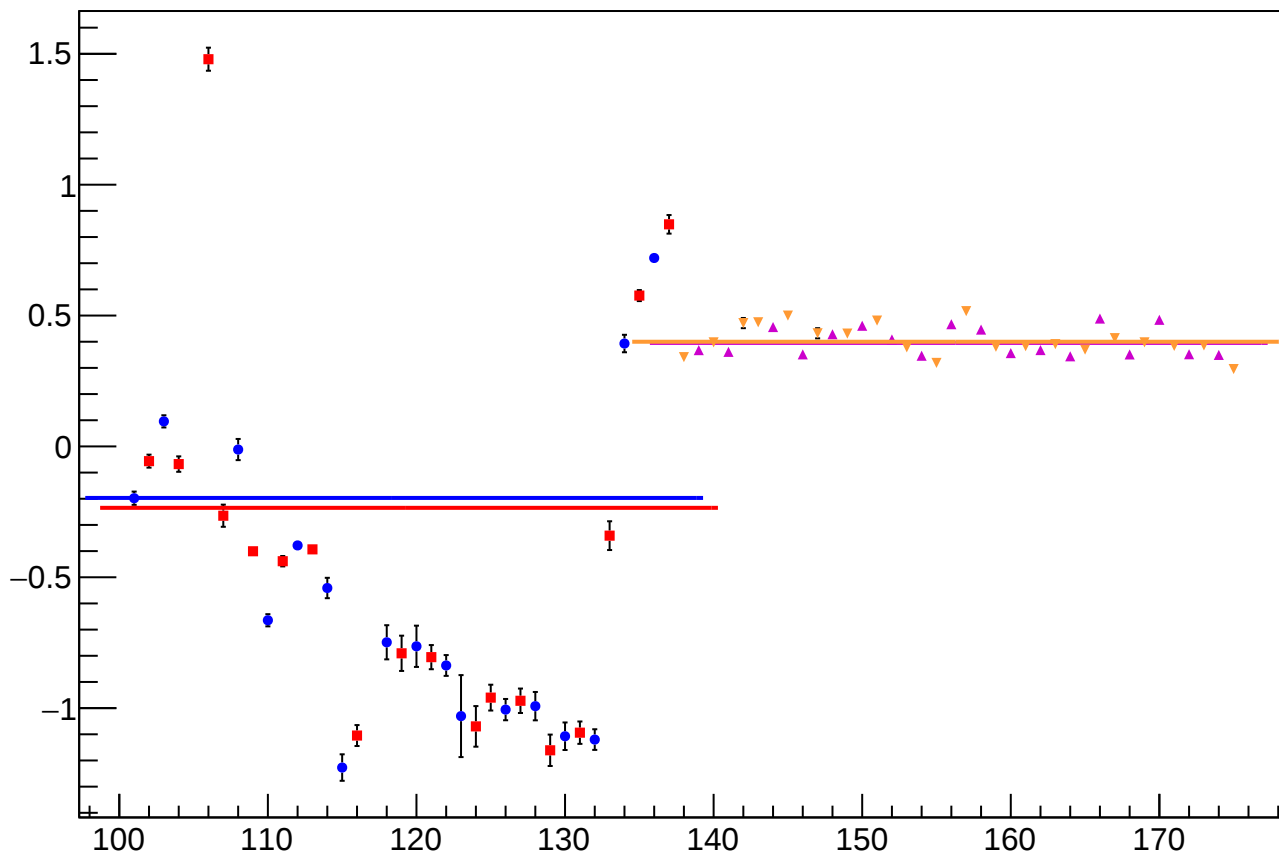


Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -18.086 ± 0.065 $\chi^2/\text{NDF}: 3241.2/19$
 Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$
 Left In: -17.739 ± 0.068 $\chi^2/\text{NDF}: 1776.6/17$

Left: -17.920 ± 0.047 $\chi^2/\text{NDF}: 5031.4/37$
 Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$
 In: -17.394 ± 0.061 $\chi^2/\text{NDF}: 3521.5/34$
 Out: -17.819 ± 0.058 $\chi^2/\text{NDF}: 4527.7/37$

All: -17.615 ± 0.042 $\chi^2/\text{NDF}: 8074.8/72$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.400 ± 0.003 χ^2/NDF : 342.4/19

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.395 ± 0.003 χ^2/NDF : 301.3/17

Left: 0.398 ± 0.002 χ^2/NDF : 644.8/37

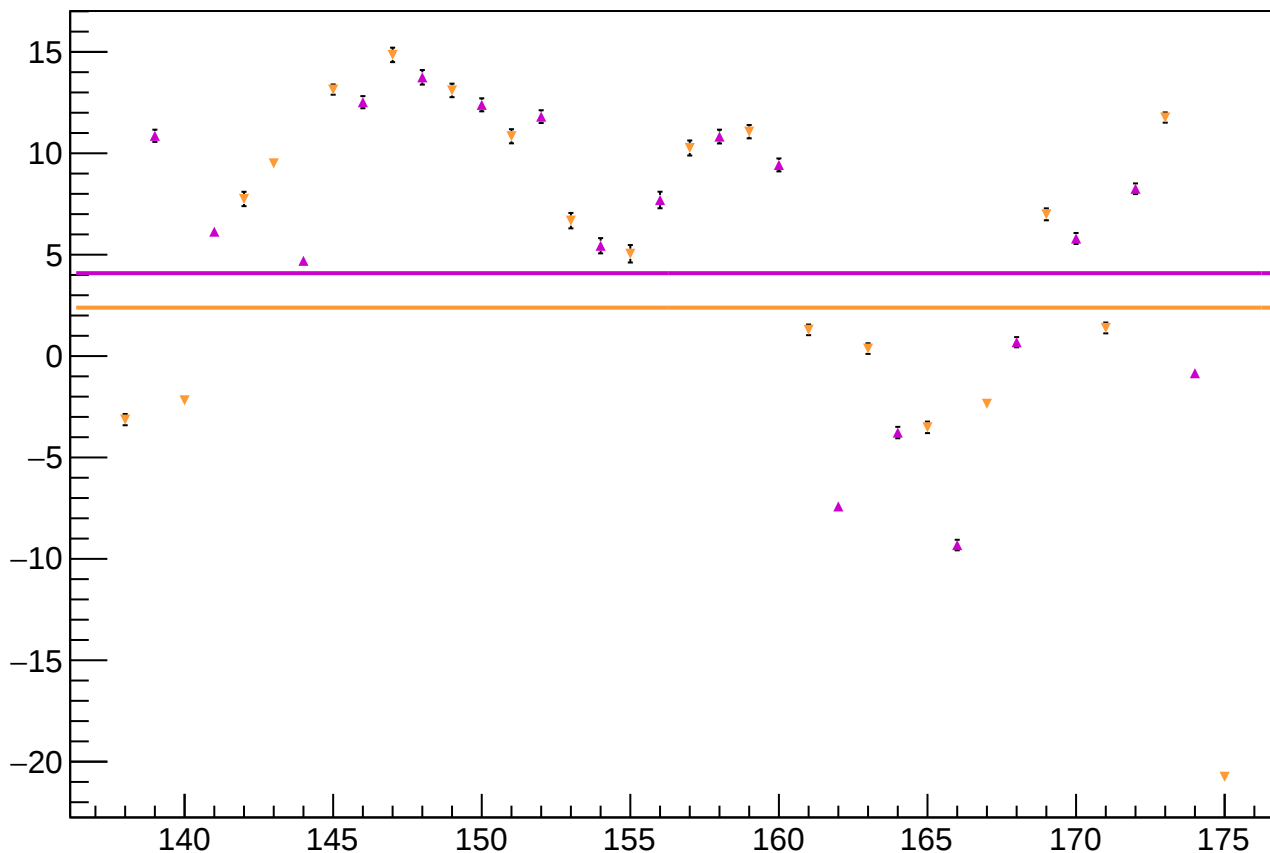
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.310 ± 0.003 χ^2/NDF : 11898.5/34

Out: 0.304 ± 0.003 χ^2/NDF : 13161.0/37

All: 0.307 ± 0.002 χ^2/NDF : 25061.7/72

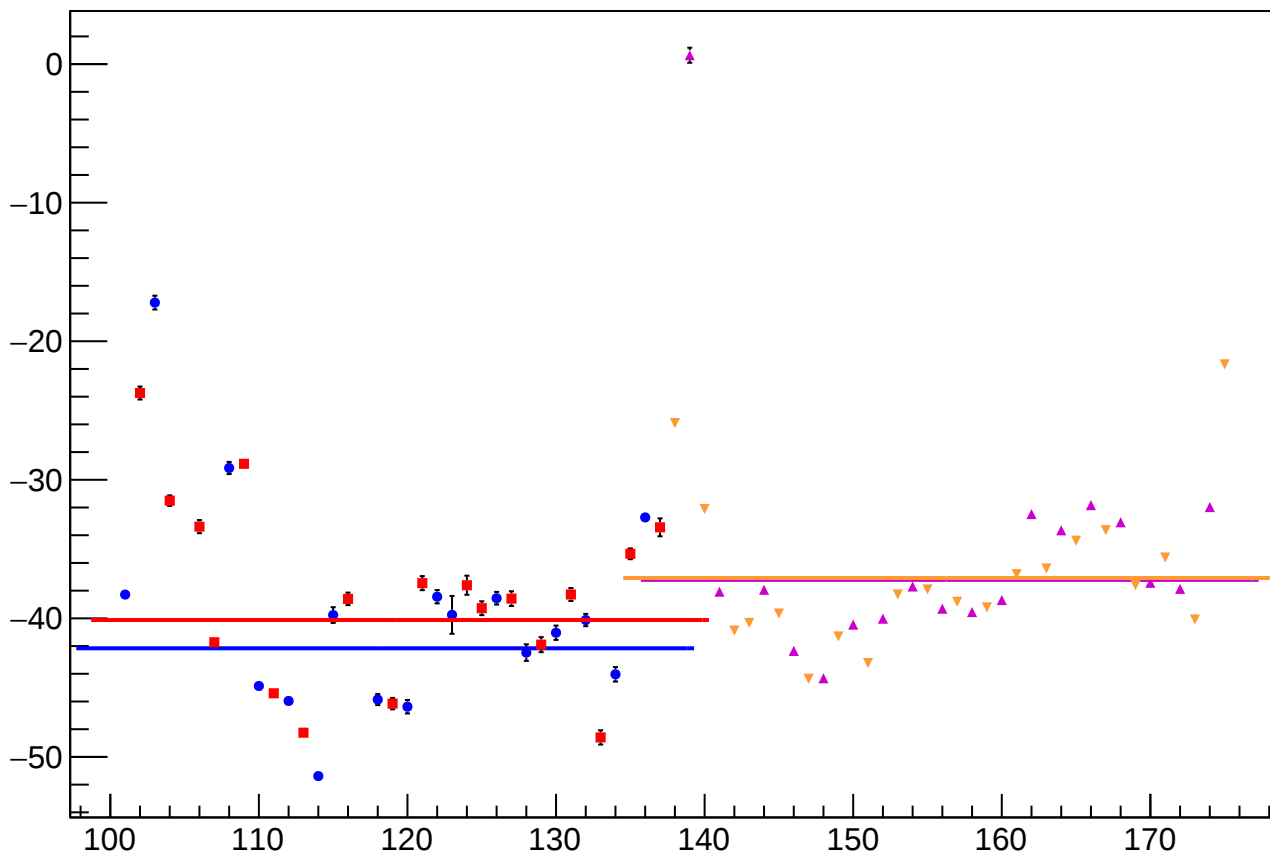
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.089 $\pm$ 0.066 χ^2 /NDF:10893.7/17

Left: 3.193 $\pm$ 0.046 χ^2 /NDF: 35371.5/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.089 $\pm$ 0.066 χ^2 /NDF:10893.7/17
 Out: 2.389 $\pm$ 0.063 χ^2 /NDF:24130.6/19
 All: 3.193 $\pm$ 0.046 χ^2 /NDF: 35371.5/37

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 $\chi^2/\text{NDF}: 6570.6/16$

Left Out: -37.085 ± 0.047 $\chi^2/\text{NDF}: 13931.5/19$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -37.222 ± 0.050 $\chi^2/\text{NDF}: 10467.7/17$

Left: -37.149 ± 0.034 $\chi^2/\text{NDF}: 24403.2/37$

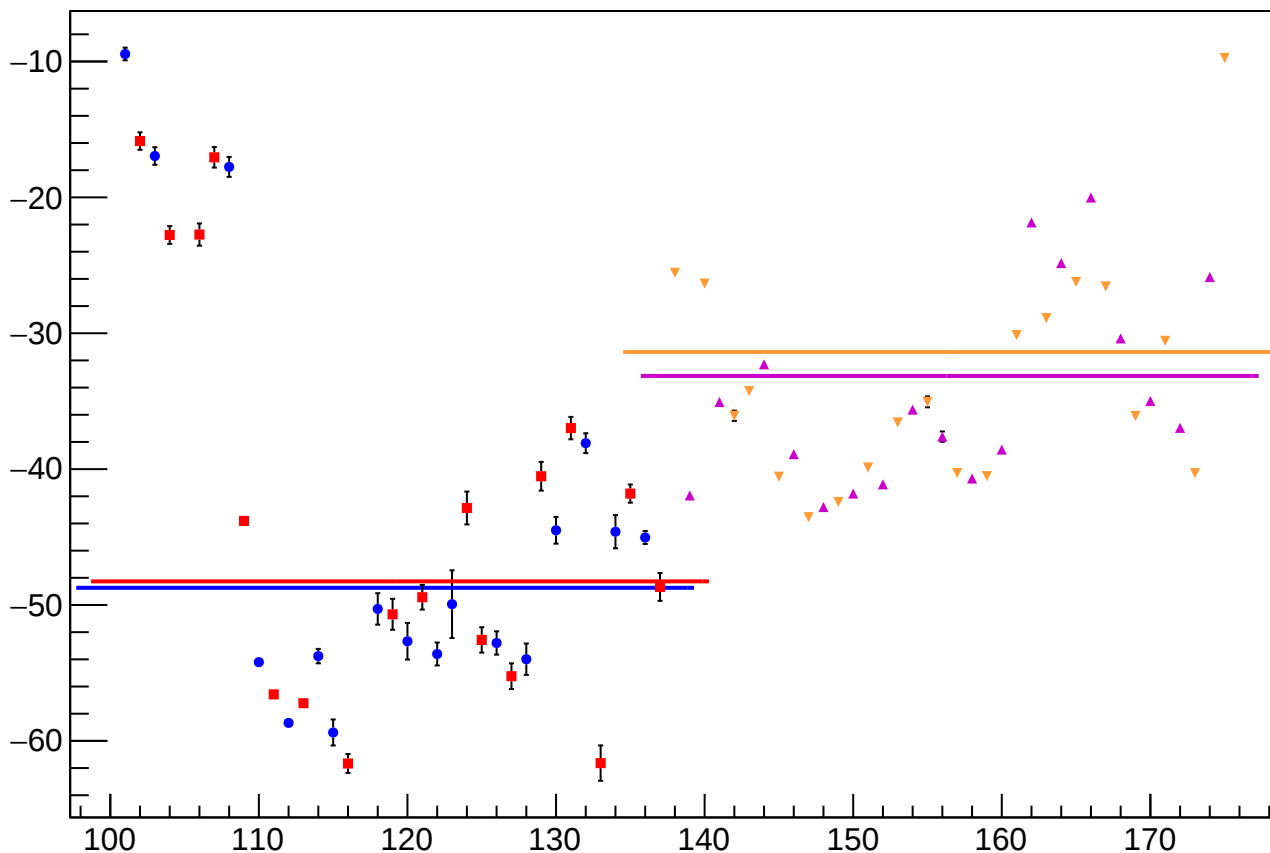
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -38.648 ± 0.042 $\chi^2/\text{NDF}: 19895.0/34$

Out: -37.965 ± 0.039 $\chi^2/\text{NDF}: 26048.0/37$

All: -38.285 ± 0.029 $\chi^2/\text{NDF}: 46084.6/72$

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: -31.377 ± 0.063 $\chi^2/\text{NDF}: 21580.4/19$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -33.142 ± 0.066 $\chi^2/\text{NDF}: 11844.4/17$

Left: -32.215 ± 0.046 $\chi^2/\text{NDF}: 33798.8/37$

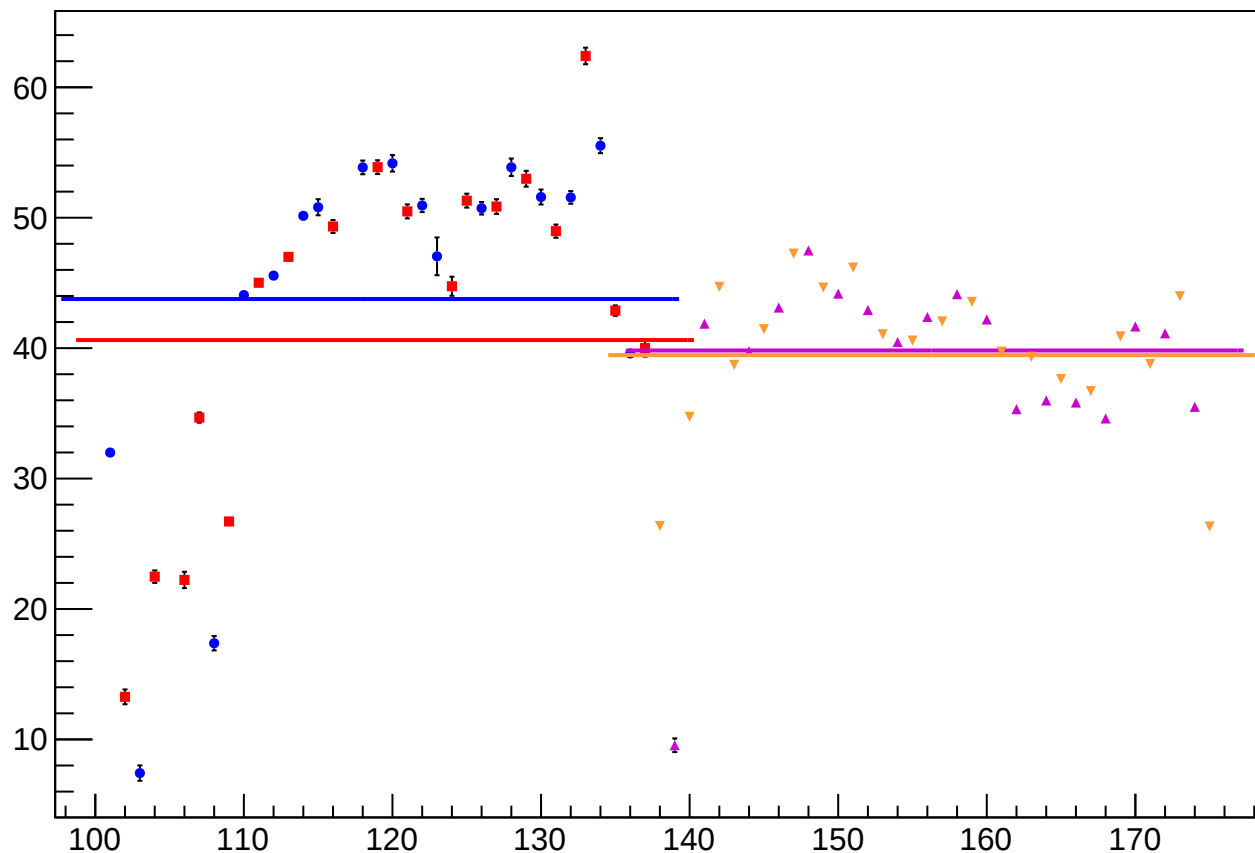
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -36.567 ± 0.058 $\chi^2/\text{NDF}: 38704.8/34$

Out: -35.684 ± 0.054 $\chi^2/\text{NDF}: 51067.7/37$

All: -36.093 ± 0.040 $\chi^2/\text{NDF}: 89895.2/72$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767+/-0.087 χ^2/NDF : 10633.5/16

Left Out: 39.466+/-0.053 χ^2/NDF : 10362.8/19

Right Out: 40.620+/-0.080 χ^2/NDF : 16957.4/17

Left In: 39.822+/-0.056 χ^2/NDF : 7583.0/17

Left: 39.633+/-0.039 χ^2/NDF : 17966.9/37

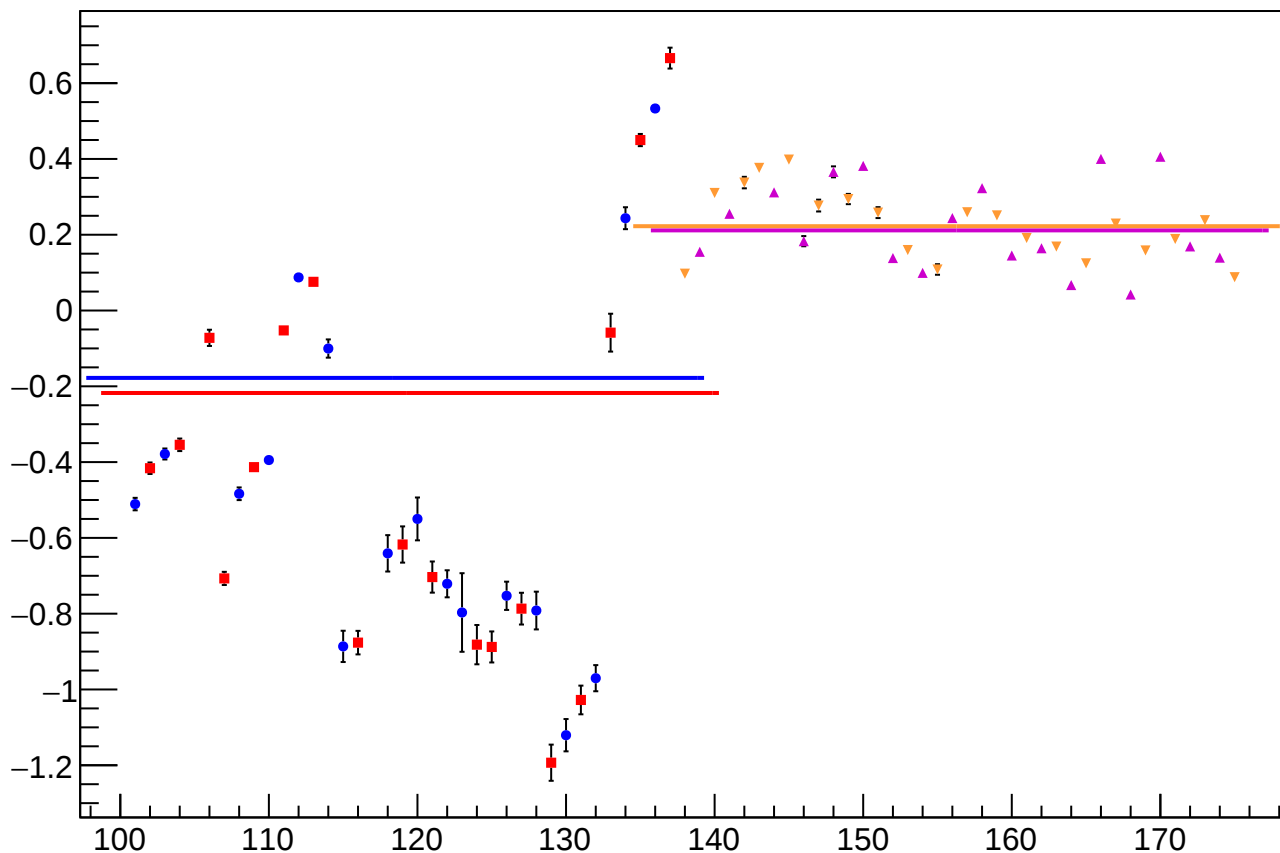
Right: 42.070+/-0.059 χ^2/NDF : 28299.2/34

In: 40.995+/-0.047 χ^2/NDF : 19667.6/34

Out: 39.818+/-0.044 χ^2/NDF : 27464.0/37

All: 40.368+/-0.032 χ^2/NDF : 47460.9/72

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.223 ± 0.002 χ^2/NDF : 1252.1/19

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.212 ± 0.003 χ^2/NDF : 1922.6/17

Left: 0.217 ± 0.002 χ^2/NDF : 3184.2/37

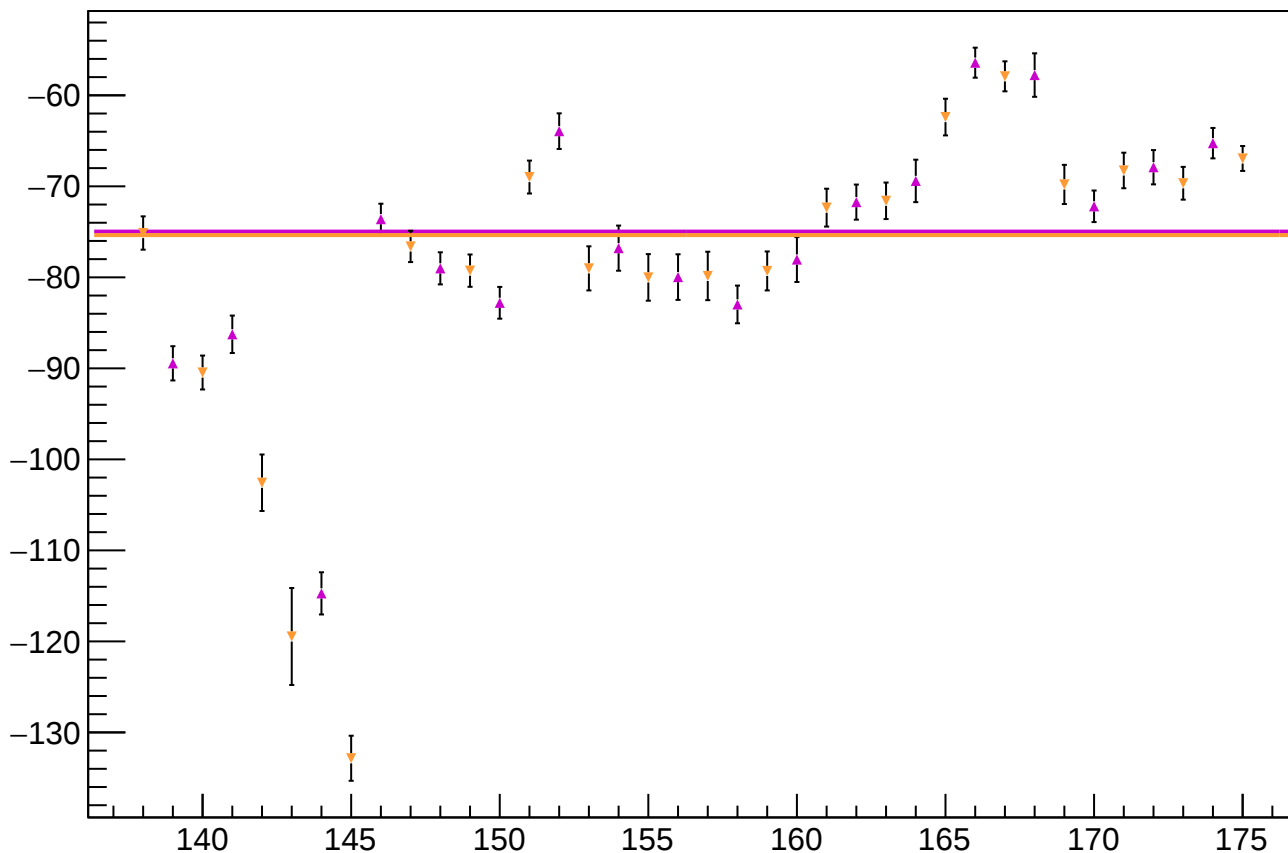
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.126 ± 0.002 χ^2/NDF : 14331.0/34

Out: 0.113 ± 0.002 χ^2/NDF : 16519.2/37

All: 0.119 ± 0.002 χ^2/NDF : 30868.6/72

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



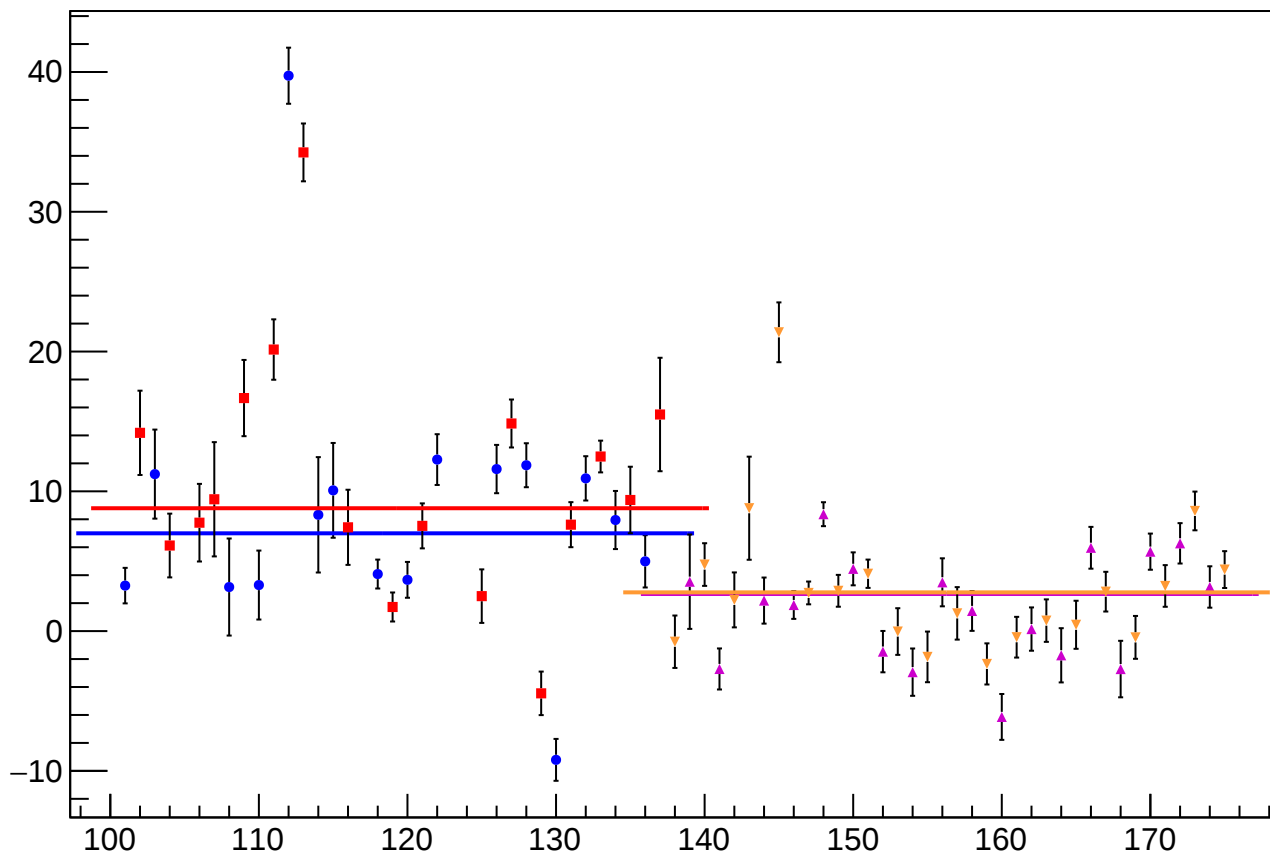
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -75.358+/-0.450 χ^2/NDF :1006.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -74.974+/-0.464 χ^2/NDF :699.6/17

Left: -75.172+/-0.323 χ^2/NDF : 1706.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.974+/-0.464 χ^2/NDF :699.6/17
 Out: -75.358+/-0.450 χ^2/NDF :1006.8/19

All: -75.172+/-0.323 χ^2/NDF : 1706.8/37

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: 2.772 ± 0.322 $\chi^2/\text{NDF}: 139.5/19$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.655 ± 0.334 $\chi^2/\text{NDF}: 140.9/17$

Left: 2.716 ± 0.232 $\chi^2/\text{NDF}: 280.5/37$

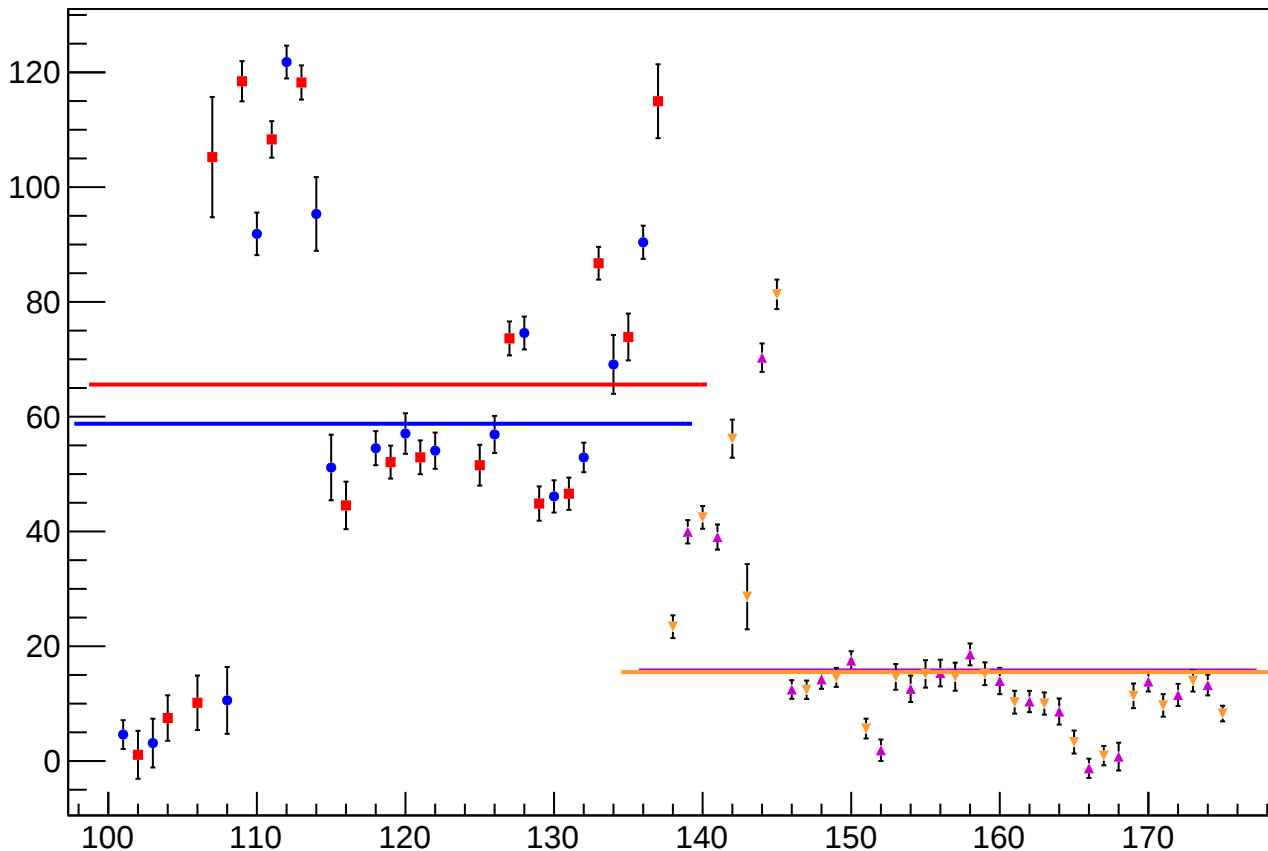
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.272 ± 0.265 $\chi^2/\text{NDF}: 649.0/33$

Out: 4.814 ± 0.262 $\chi^2/\text{NDF}: 606.8/36$

All: 4.546 ± 0.186 $\chi^2/\text{NDF}: 1257.9/70$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 15.500 $\pm$ 0.444 χ^2 /NDF:1216.6/19

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 15.786 $\pm$ 0.458 χ^2 /NDF:971.0/17

Left: 15.639 $\pm$ 0.319 χ^2 /NDF: 2187.8/37

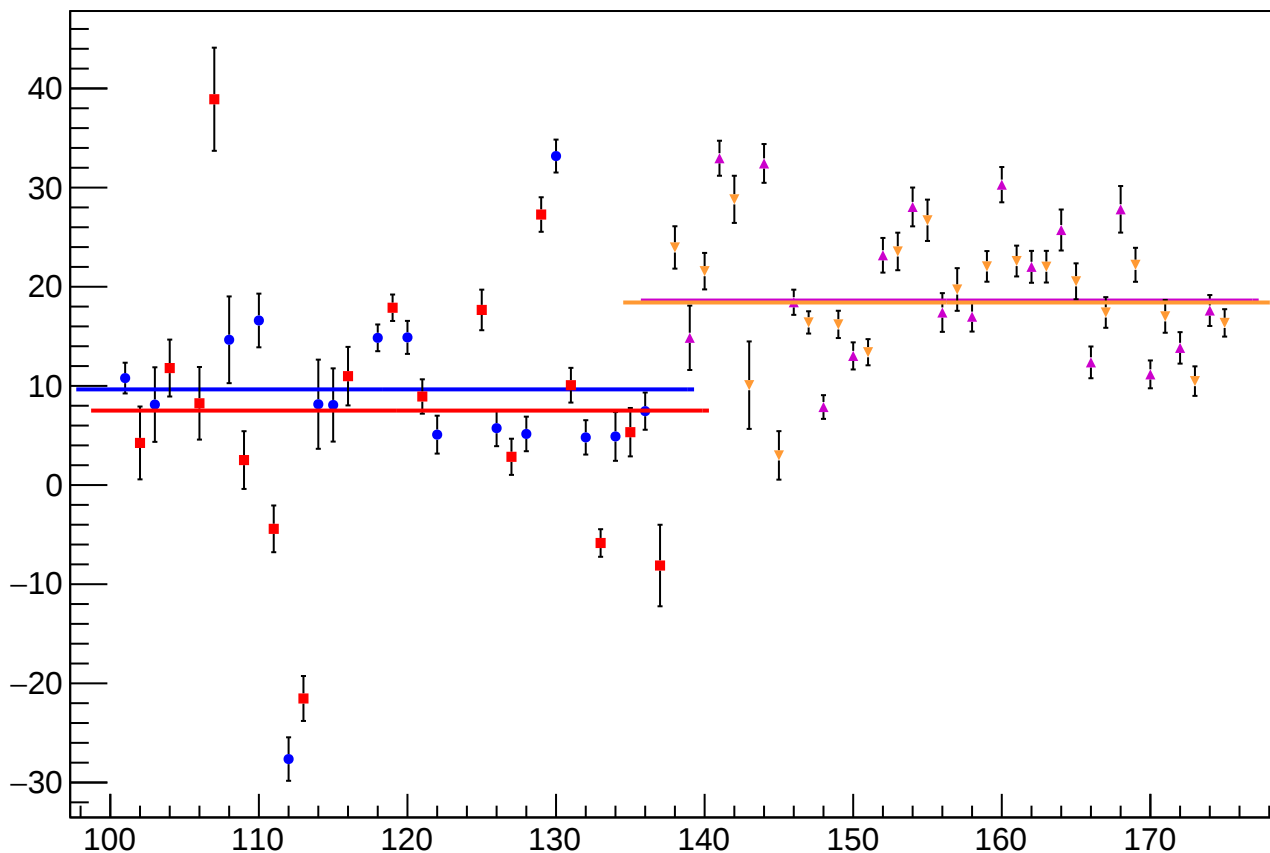
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 25.762 $\pm$ 0.401 χ^2 /NDF:4509.5/33

Out: 26.337 $\pm$ 0.393 χ^2 /NDF:5599.4/36

All: 26.055 $\pm$ 0.281 χ^2 /NDF: 10109.9/70

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.412 $\pm$ 0.374 χ^2 /NDF:171.9/19

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.609 $\pm$ 0.388 χ^2 /NDF:373.8/17

Left: 18.507 $\pm$ 0.269 χ^2 /NDF: 545.8/37

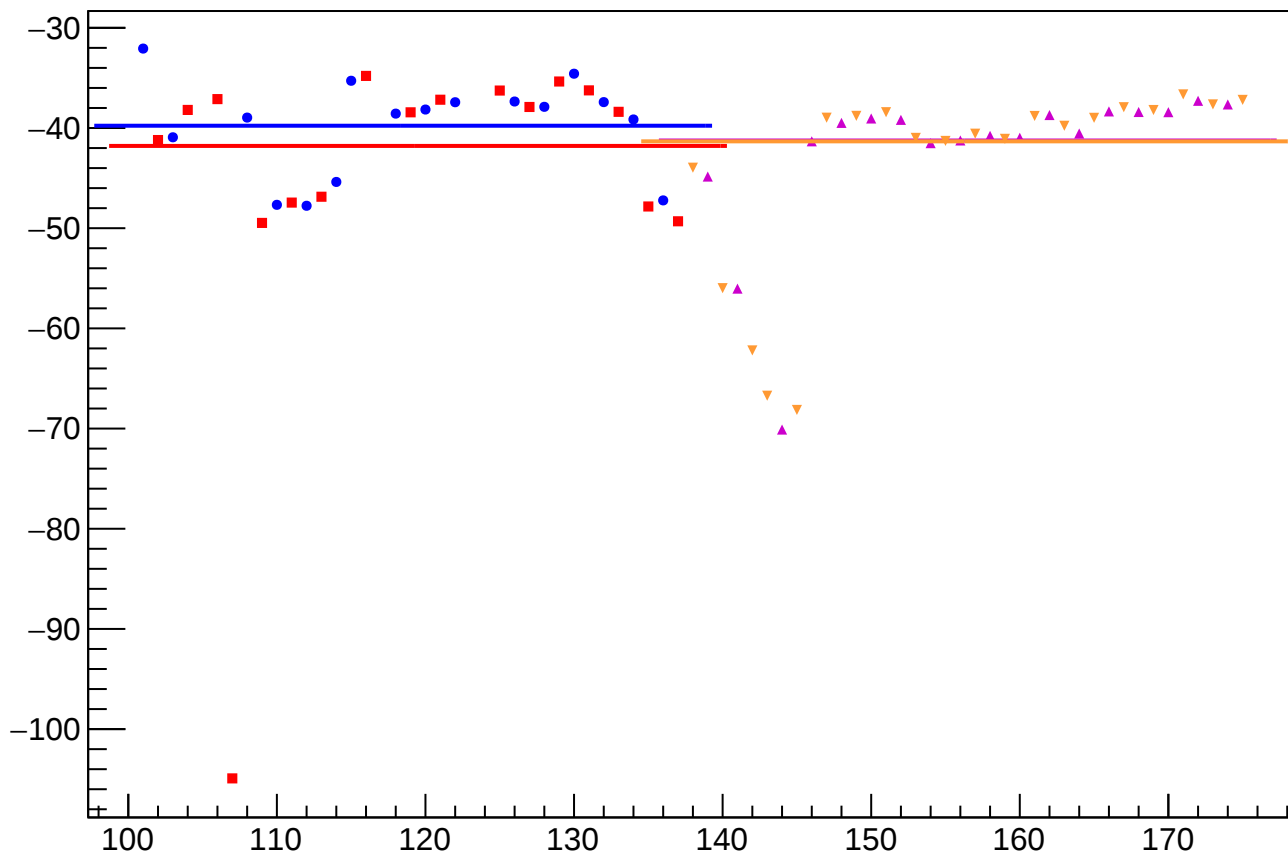
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 15.259 $\pm$ 0.307 χ^2 /NDF:1126.9/33

Out: 14.665 $\pm$ 0.303 χ^2 /NDF:1028.5/36

All: 14.958 $\pm$ 0.216 χ^2 /NDF: 2157.3/70

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$

Left Out: -41.331 ± 0.018 $\chi^2/\text{NDF}: 157671.4/19$

Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$

Left In: -41.246 ± 0.018 $\chi^2/\text{NDF}: 115349.0/17$

Left: -41.289 ± 0.013 $\chi^2/\text{NDF}: 273031.6/37$

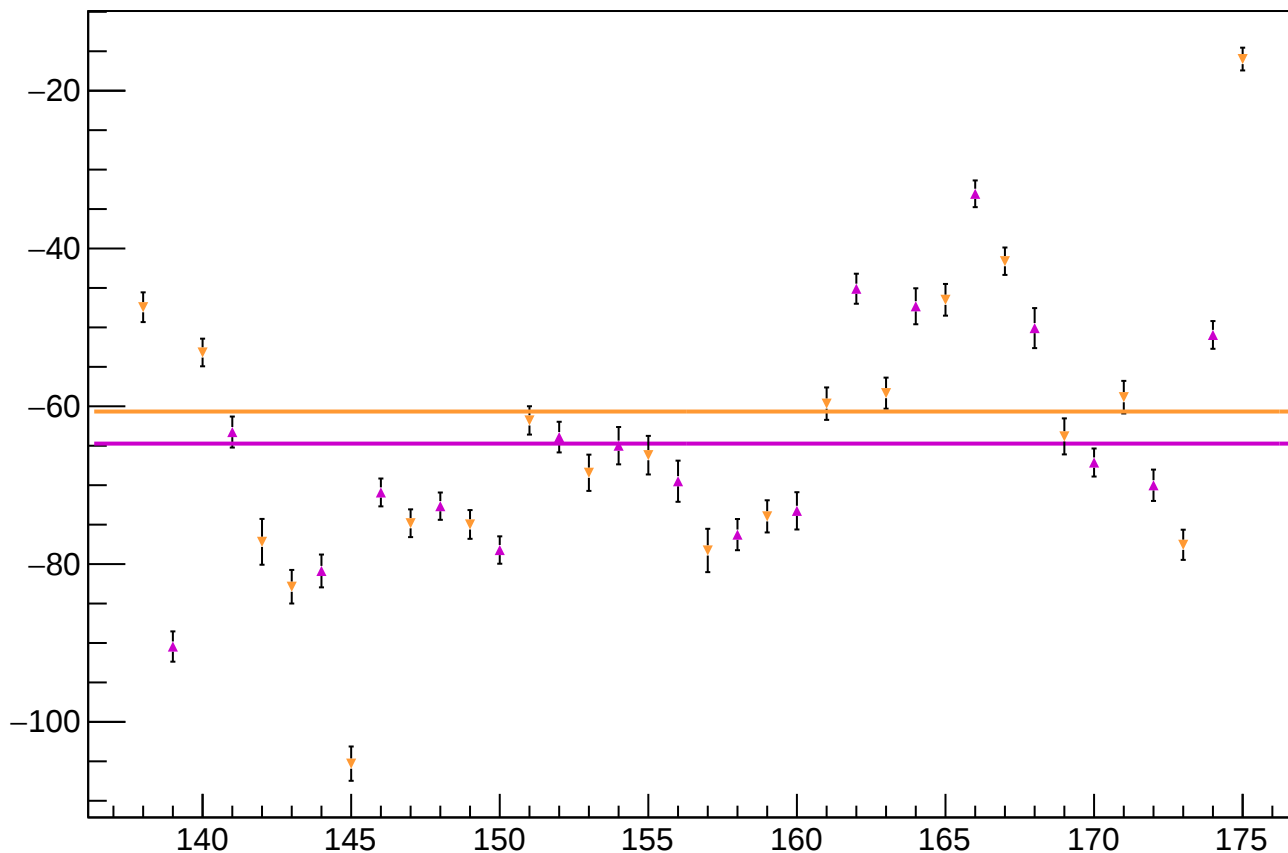
Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$

In: -40.880 ± 0.015 $\chi^2/\text{NDF}: 143215.9/33$

Out: -41.441 ± 0.015 $\chi^2/\text{NDF}: 250840.2/36$

All: -41.161 ± 0.011 $\chi^2/\text{NDF}: 394713.4/70$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Left: -62.604+/-0.321 χ^2/NDF : 3109.7/37

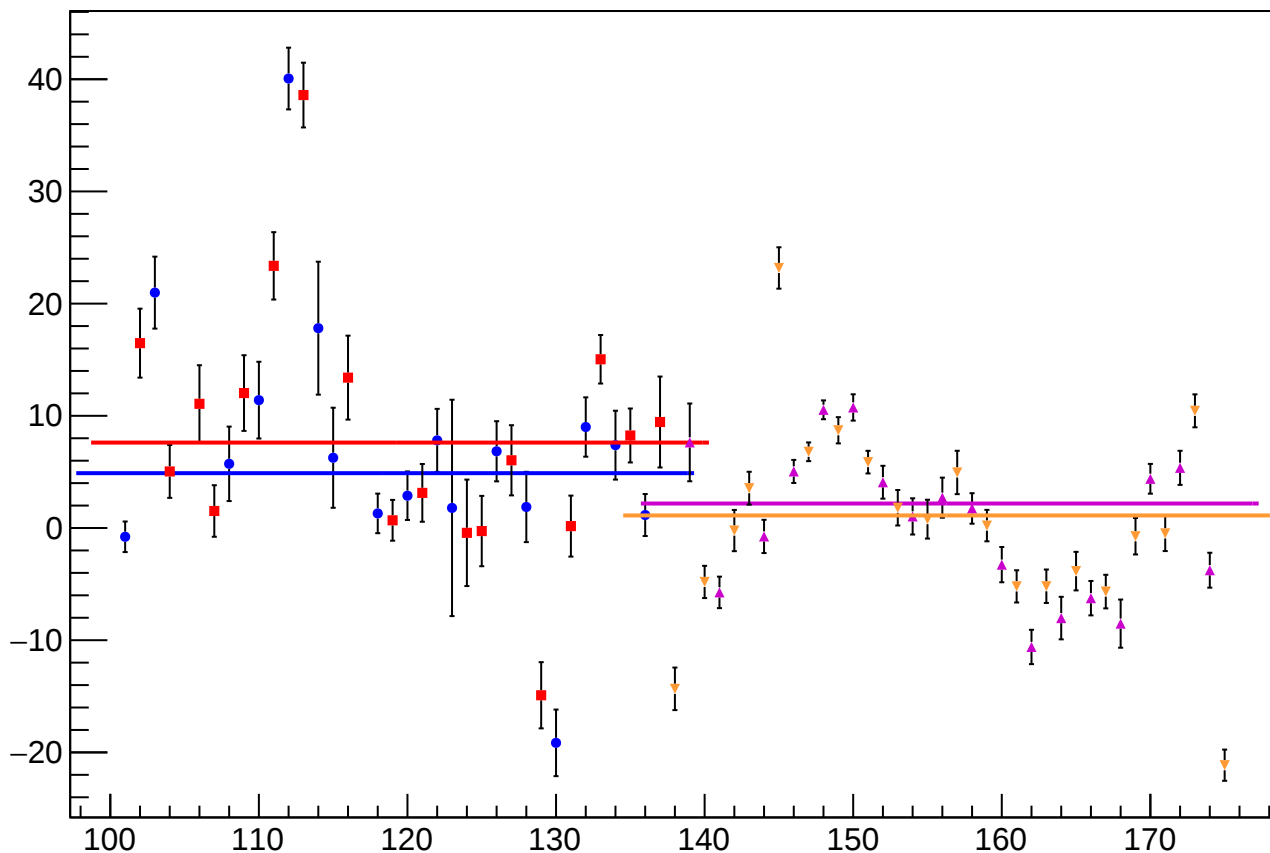
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Out: -60.663+/-0.444 χ^2/NDF :2067.3/19

All: -62.604+/-0.321 χ^2/NDF : 3109.7/37

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: 1.120 ± 0.317 $\chi^2/\text{NDF}: 710.1/19$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: 2.183 ± 0.333 $\chi^2/\text{NDF}: 388.5/17$

Left: 1.625 ± 0.230 $\chi^2/\text{NDF}: 1103.9/37$

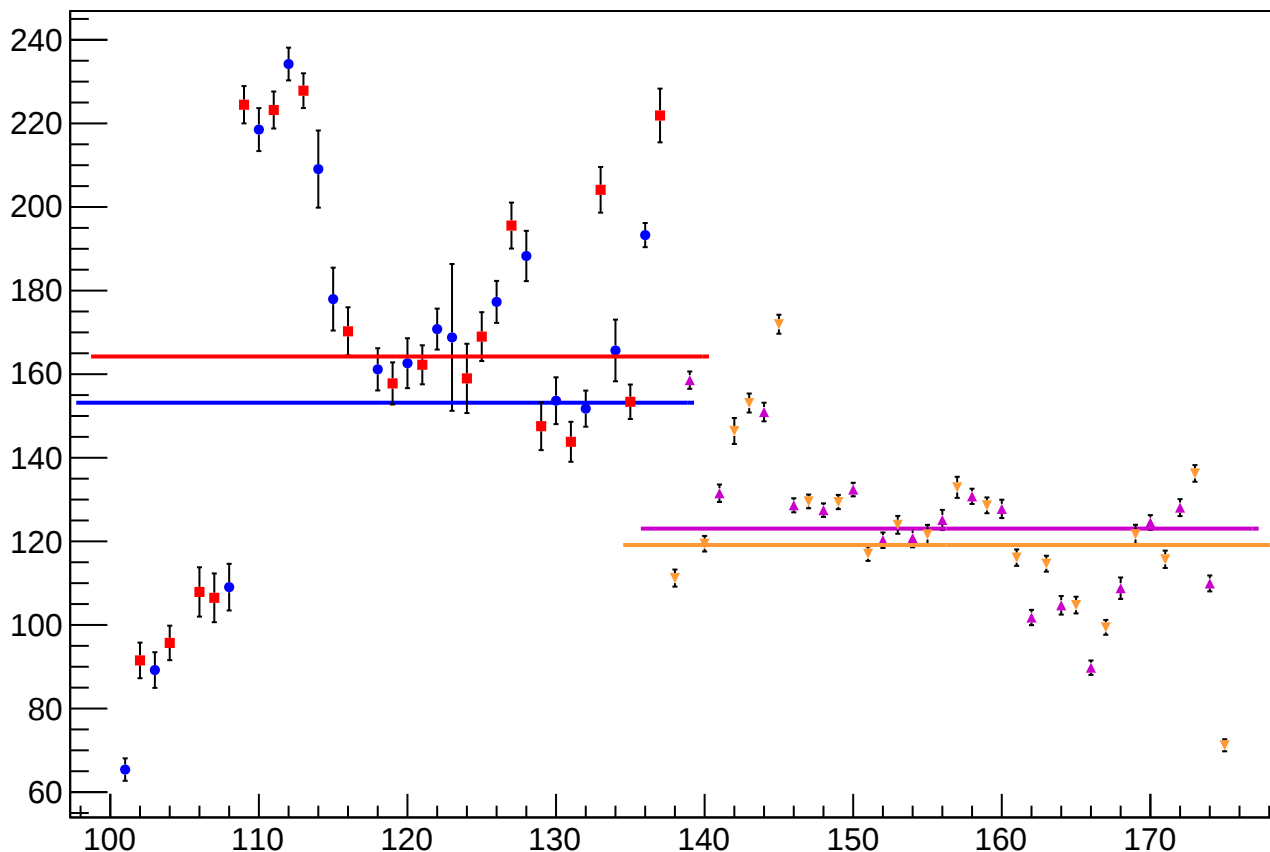
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: 2.786 ± 0.294 $\chi^2/\text{NDF}: 697.9/34$

Out: 2.360 ± 0.285 $\chi^2/\text{NDF}: 1059.5/37$

All: 2.567 ± 0.204 $\chi^2/\text{NDF}: 1758.5/72$

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: 119.130 $\pm$ 0.439 χ^2/NDF :2363.4/19

Right Out: 164.232 $\pm$ 1.183 χ^2/NDF : 1554.8/17

Left In: 123.052 $\pm$ 0.458 χ^2/NDF :1204.3/17

Left: 121.009 $\pm$ 0.317 χ^2/NDF : 3605.8/37

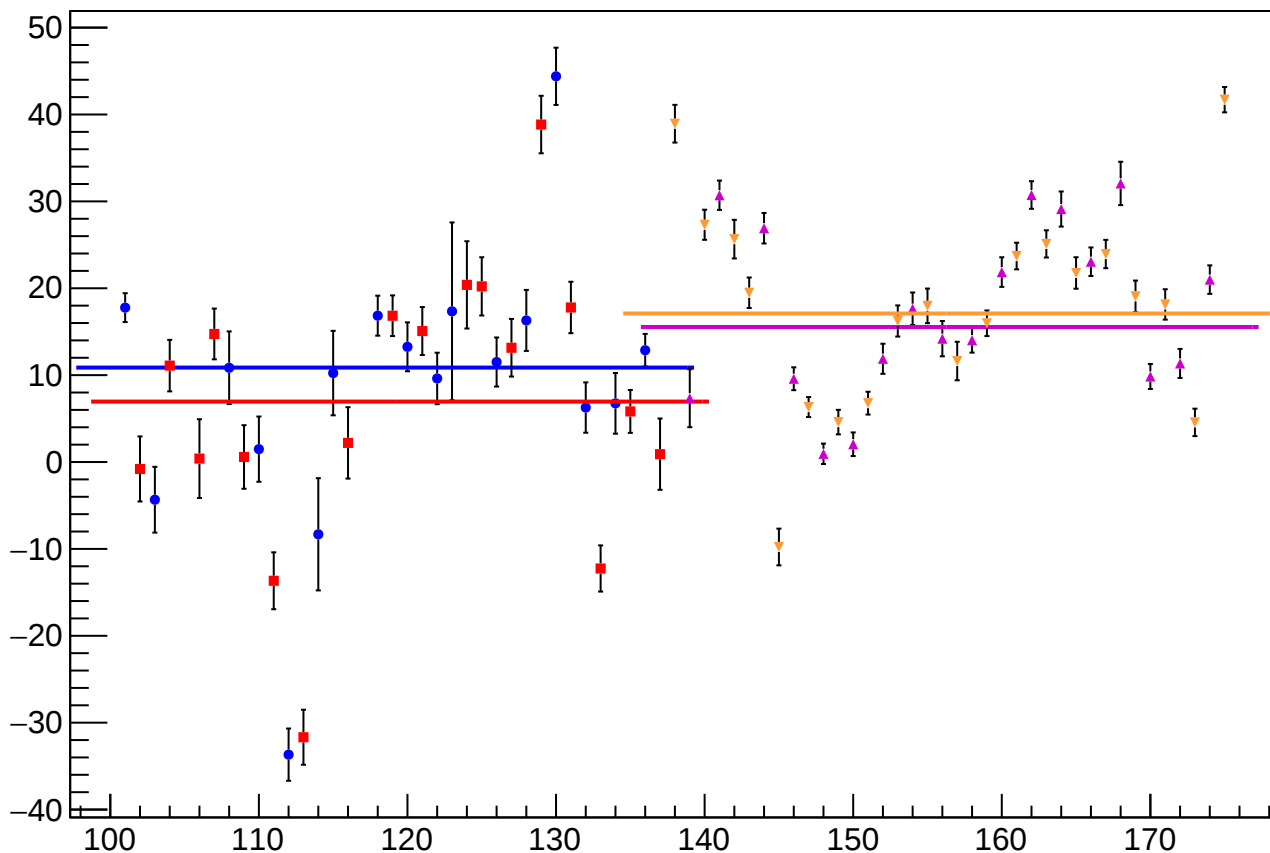
Right: 158.528 $\pm$ 0.823 χ^2/NDF : 3864.1/34

In: 127.196 $\pm$ 0.425 χ^2/NDF :4063.9/34

Out: 124.593 $\pm$ 0.412 χ^2/NDF :5195.2/37

All: 125.853 $\pm$ 0.296 χ^2/NDF : 9278.5/72

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 17.096 $\pm$ 0.368 χ^2 /NDF:967.8/19

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 15.543 $\pm$ 0.387 χ^2 /NDF:657.5/17

Left: 16.358 $\pm$ 0.267 χ^2 /NDF: 1633.8/37

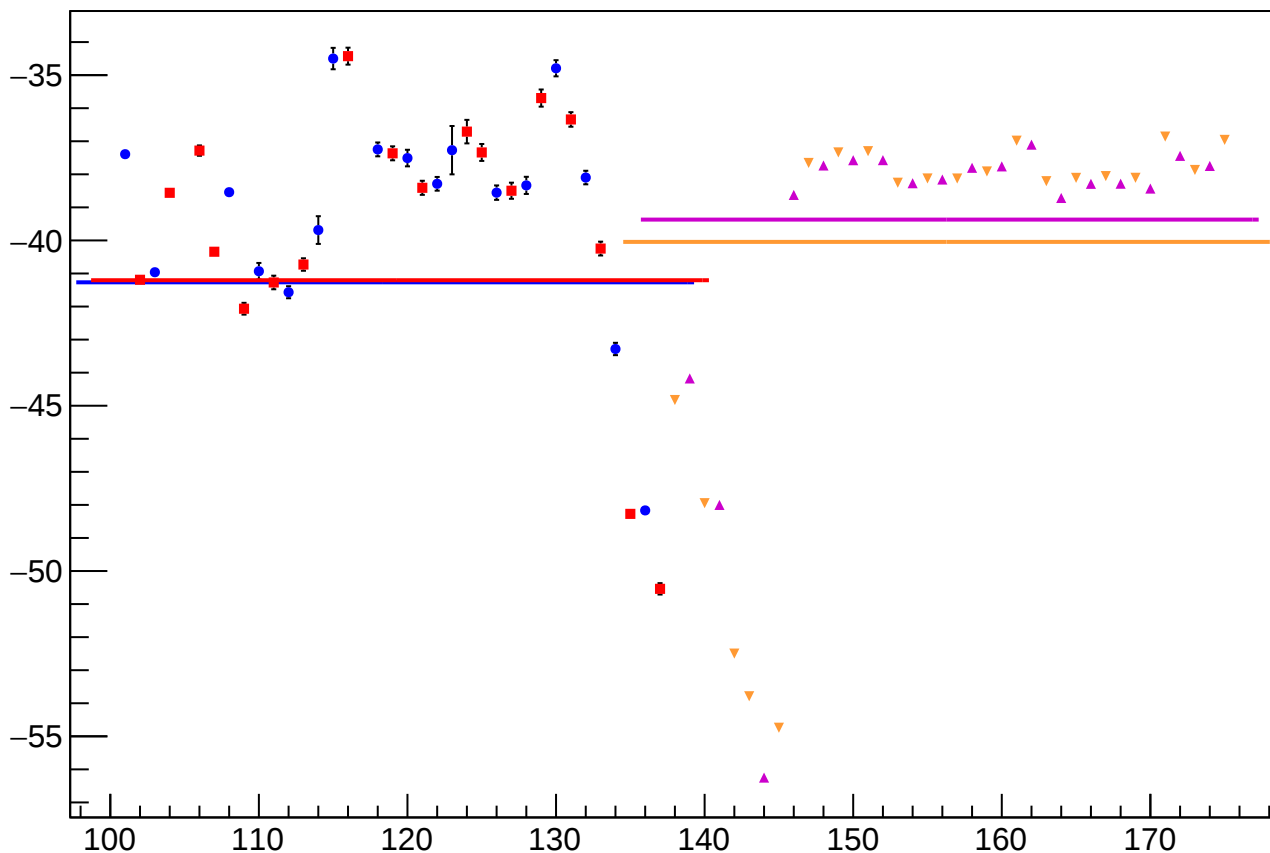
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 14.485 $\pm$ 0.340 χ^2 /NDF:1077.3/34

Out: 15.124 $\pm$ 0.330 χ^2 /NDF:1537.6/37

All: 14.814 $\pm$ 0.237 χ^2 /NDF: 2616.7/72

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.044 ± 0.018 $\chi^2/\text{NDF}: 87507.0/19$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -39.370 ± 0.018 $\chi^2/\text{NDF}: 50913.2/17$

Left: -39.714 ± 0.013 $\chi^2/\text{NDF}: 139143.7/37$

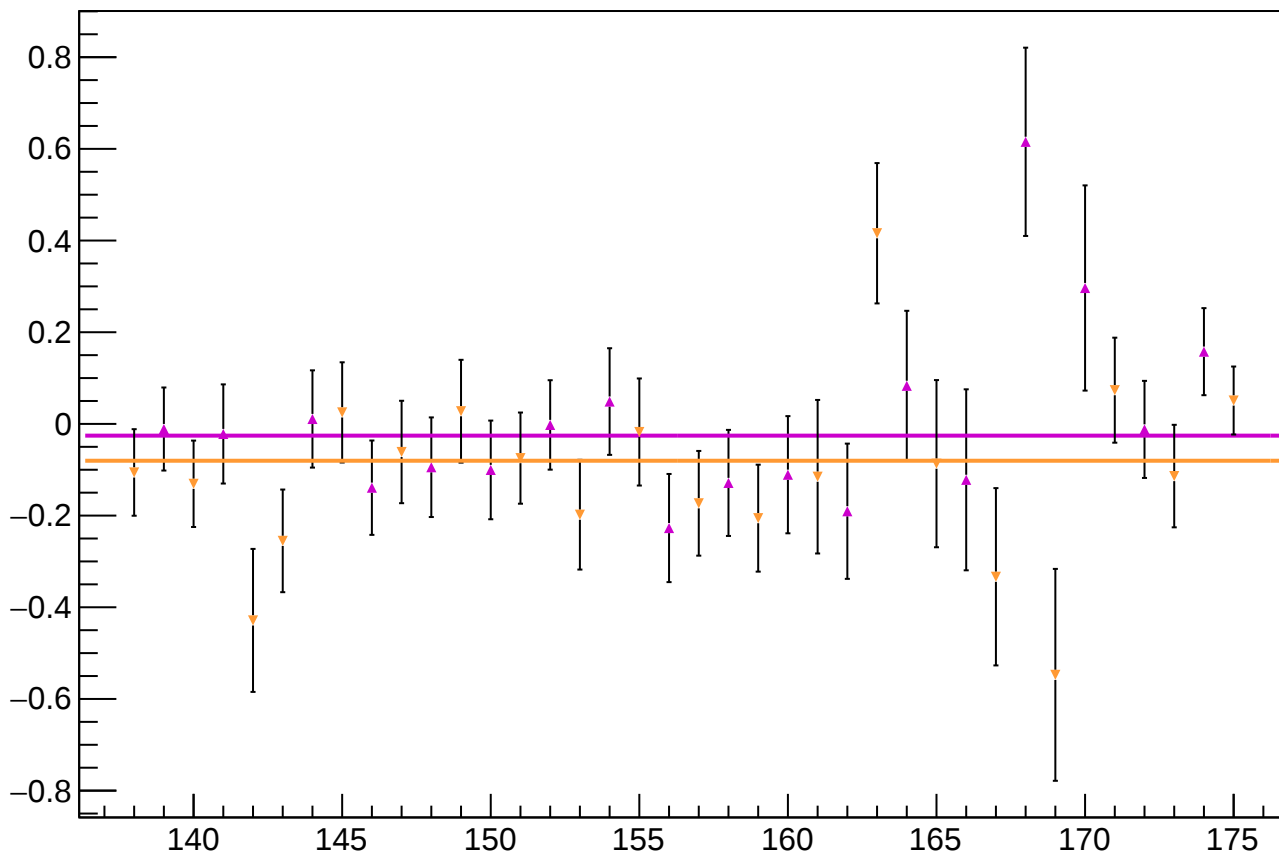
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.707 ± 0.016 $\chi^2/\text{NDF}: 65489.6/34$

Out: -40.241 ± 0.016 $\chi^2/\text{NDF}: 100255.9/37$

All: -39.978 ± 0.011 $\chi^2/\text{NDF}: 166294.0/72$

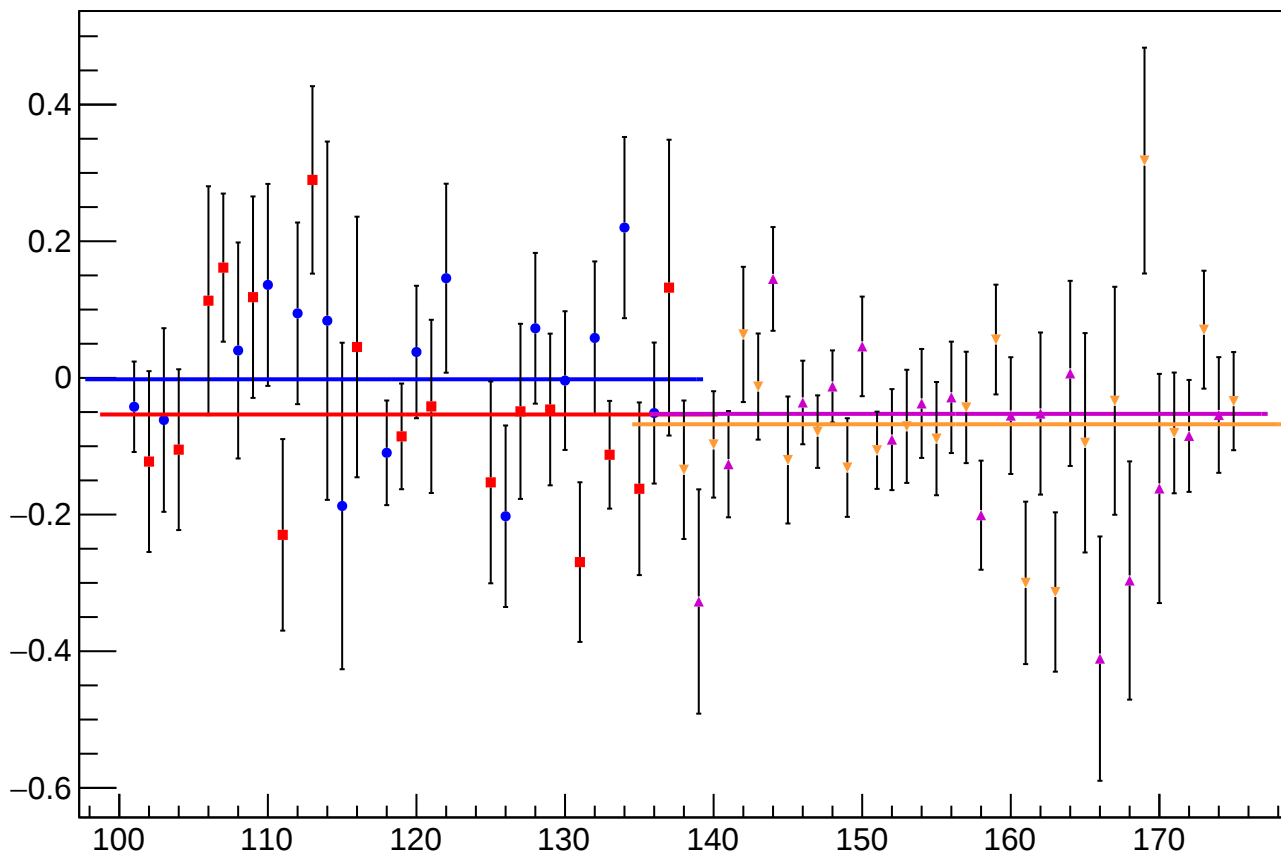
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.080+/-0.026 χ^2/NDF : 34.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.026+/-0.028 χ^2/NDF : 24.4/17

Left: -0.055+/-0.019 χ^2/NDF : 60.6/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.026+/-0.028 χ^2/NDF : 24.4/17
 Out: -0.080+/-0.026 χ^2/NDF : 34.1/19
 All: -0.055+/-0.019 χ^2/NDF : 60.6/37

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.068 ± 0.019 χ^2/NDF : 23.6/19

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.053 ± 0.020 χ^2/NDF : 23.5/17

Left: -0.061 ± 0.014 χ^2/NDF : 47.4/37

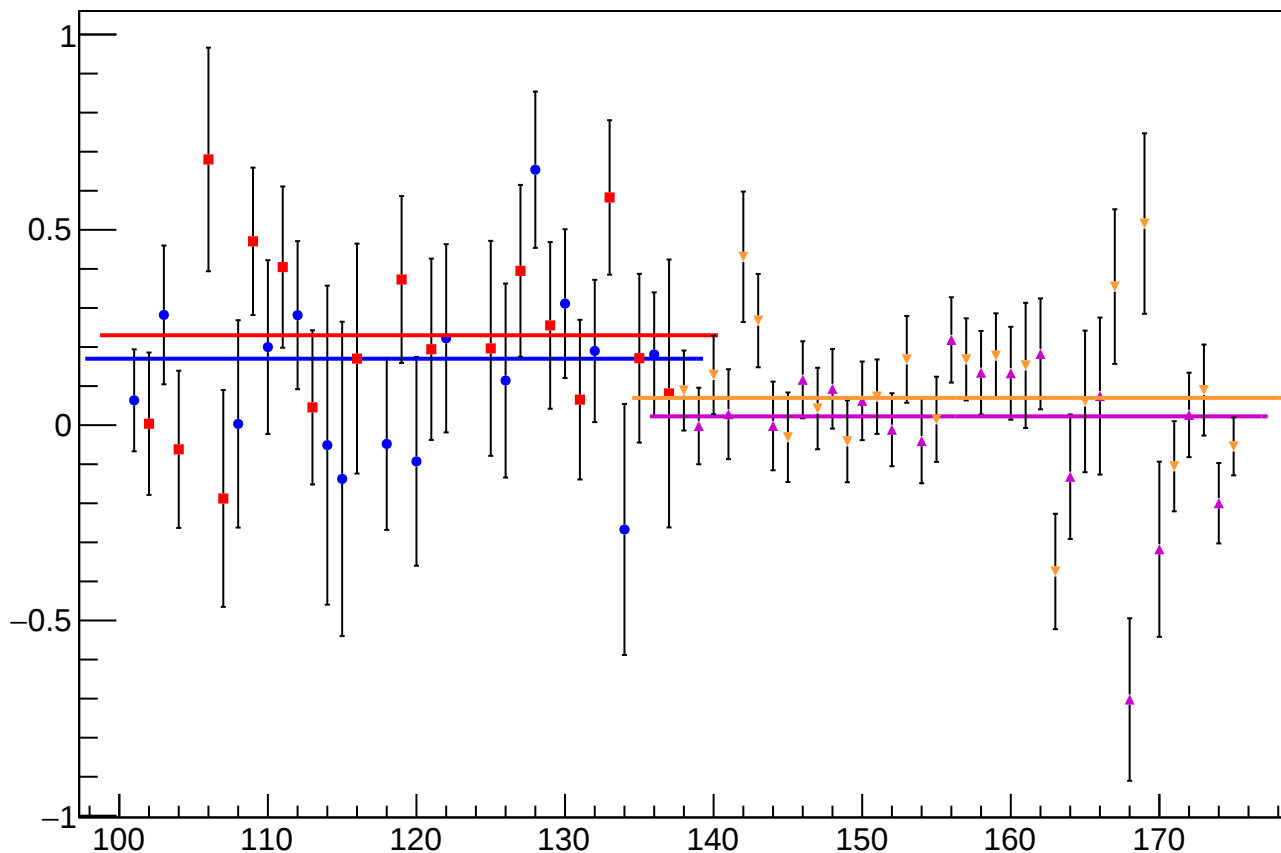
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.036 ± 0.016 χ^2/NDF : 37.8/33

Out: -0.064 ± 0.016 χ^2/NDF : 44.7/36

All: -0.050 ± 0.011 χ^2/NDF : 83.9/70

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: 0.070 $\pm$ 0.026 χ^2 /NDF:33.0/19

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.022 $\pm$ 0.027 χ^2 /NDF:28.7/17

Left: 0.048 $\pm$ 0.019 χ^2 /NDF: 63.2/37

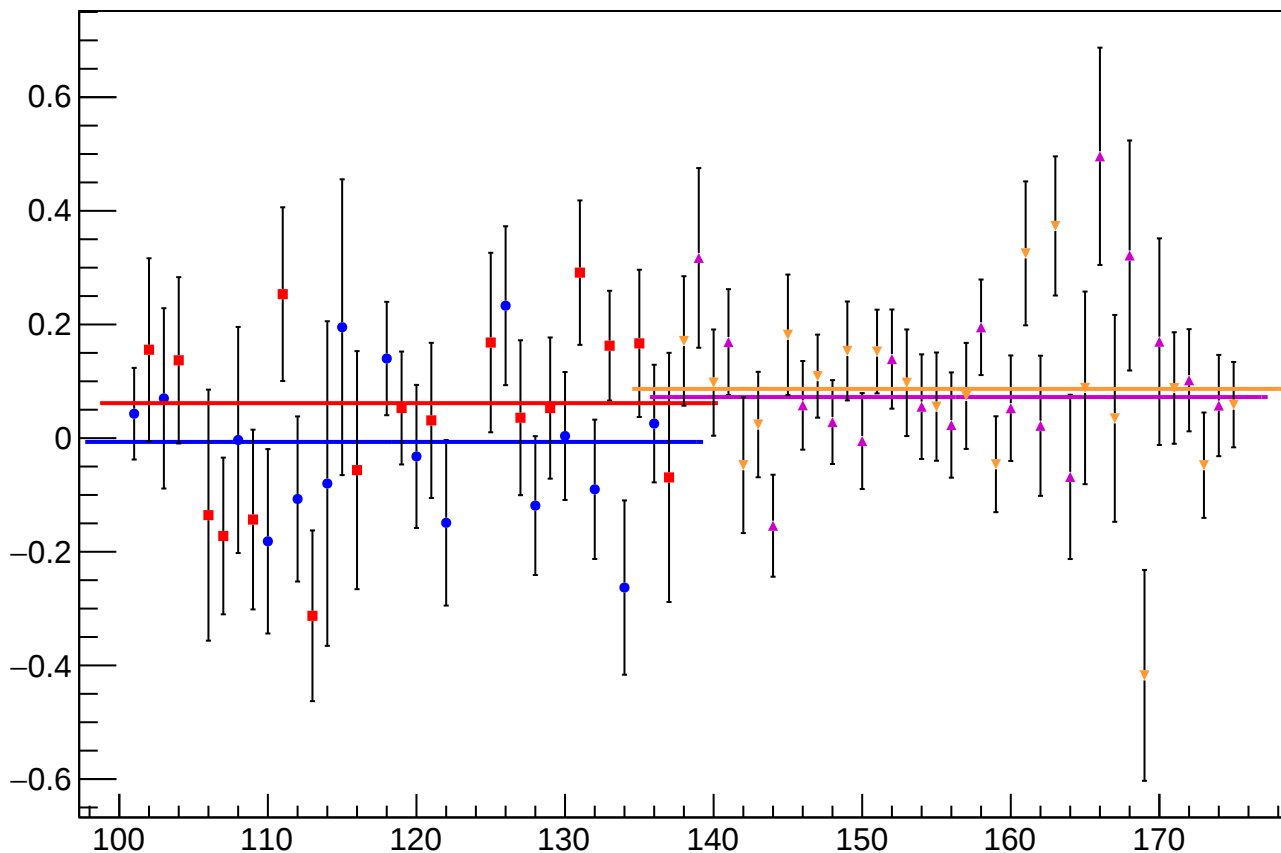
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.054 $\pm$ 0.024 χ^2 /NDF:47.9/33

Out: 0.100 $\pm$ 0.023 χ^2 /NDF:57.0/36

All: 0.078 $\pm$ 0.017 χ^2 /NDF: 106.7/70

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.087 ± 0.022 χ^2/NDF : 25.9/19

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.072 ± 0.023 χ^2/NDF : 22.1/17

Left: 0.080 ± 0.016 χ^2/NDF : 48.2/37

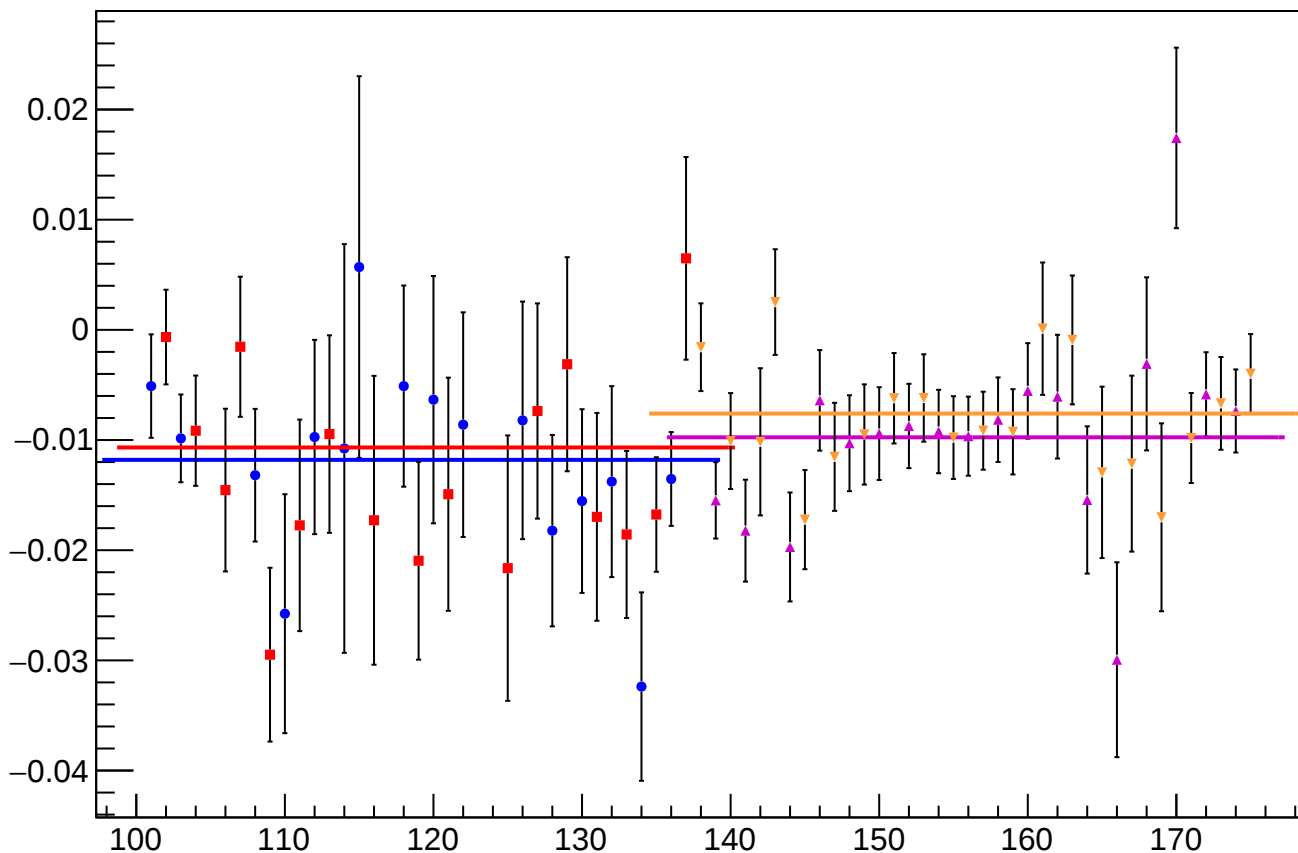
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.046 ± 0.019 χ^2/NDF : 39.2/33

Out: 0.079 ± 0.018 χ^2/NDF : 46.3/36

All: 0.063 ± 0.013 χ^2/NDF : 87.1/70

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 $\chi^2/\text{NDF}: 12.8/15$

Left Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 19.9/19$

Right Out: -0.011 ± 0.002 $\chi^2/\text{NDF}: 23.8/16$

Left In: -0.010 ± 0.001 $\chi^2/\text{NDF}: 31.4/17$

Left: -0.009 ± 0.001 $\chi^2/\text{NDF}: 53.5/37$

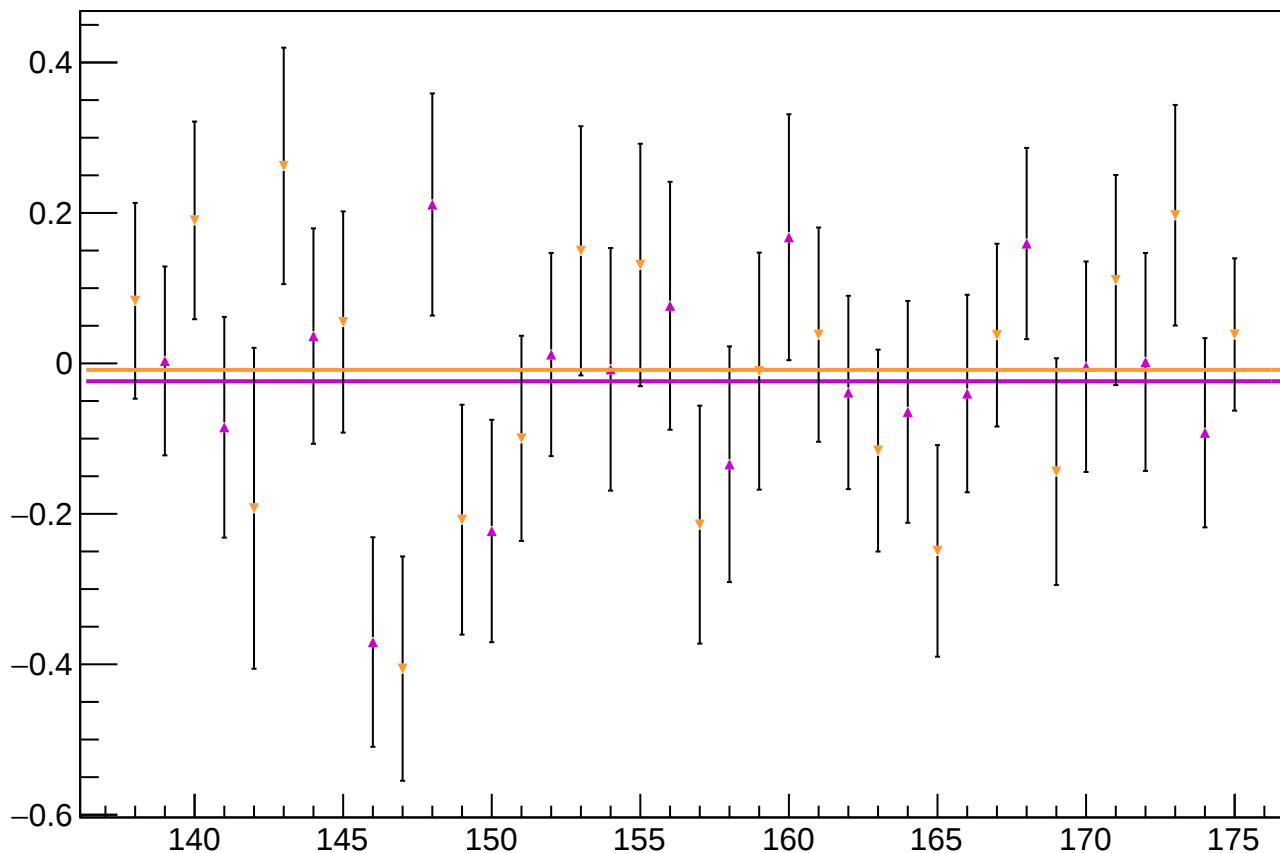
Right: -0.011 ± 0.001 $\chi^2/\text{NDF}: 36.8/32$

In: -0.010 ± 0.001 $\chi^2/\text{NDF}: 45.2/33$

Out: -0.008 ± 0.001 $\chi^2/\text{NDF}: 45.9/36$

All: -0.009 ± 0.001 $\chi^2/\text{NDF}: 93.4/70$

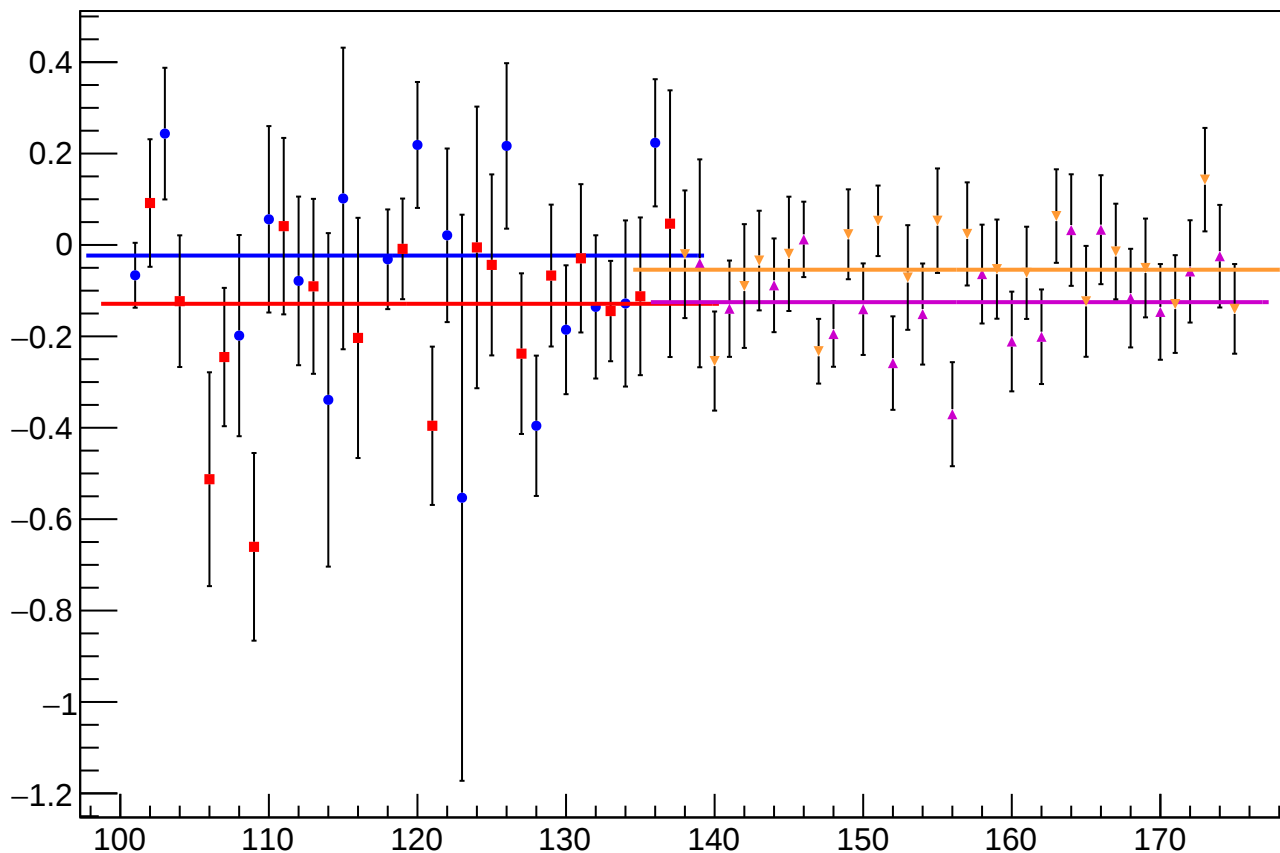
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17

Left: -0.016 $\pm$ 0.023 χ^2 /NDF: 42.7/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17
 Out: -0.009 $\pm$ 0.032 χ^2 /NDF:26.8/19
 All: -0.016 $\pm$ 0.023 χ^2 /NDF: 42.7/37

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.037 χ^2/NDF : 22.4/16

Left Out: -0.054 $\pm$ 0.023 χ^2/NDF : 20.0/19

Right Out: -0.129 $\pm$ 0.039 χ^2/NDF : 18.6/17

Left In: -0.125 $\pm$ 0.025 χ^2/NDF : 16.6/17

Left: -0.088 $\pm$ 0.017 χ^2/NDF : 40.9/37

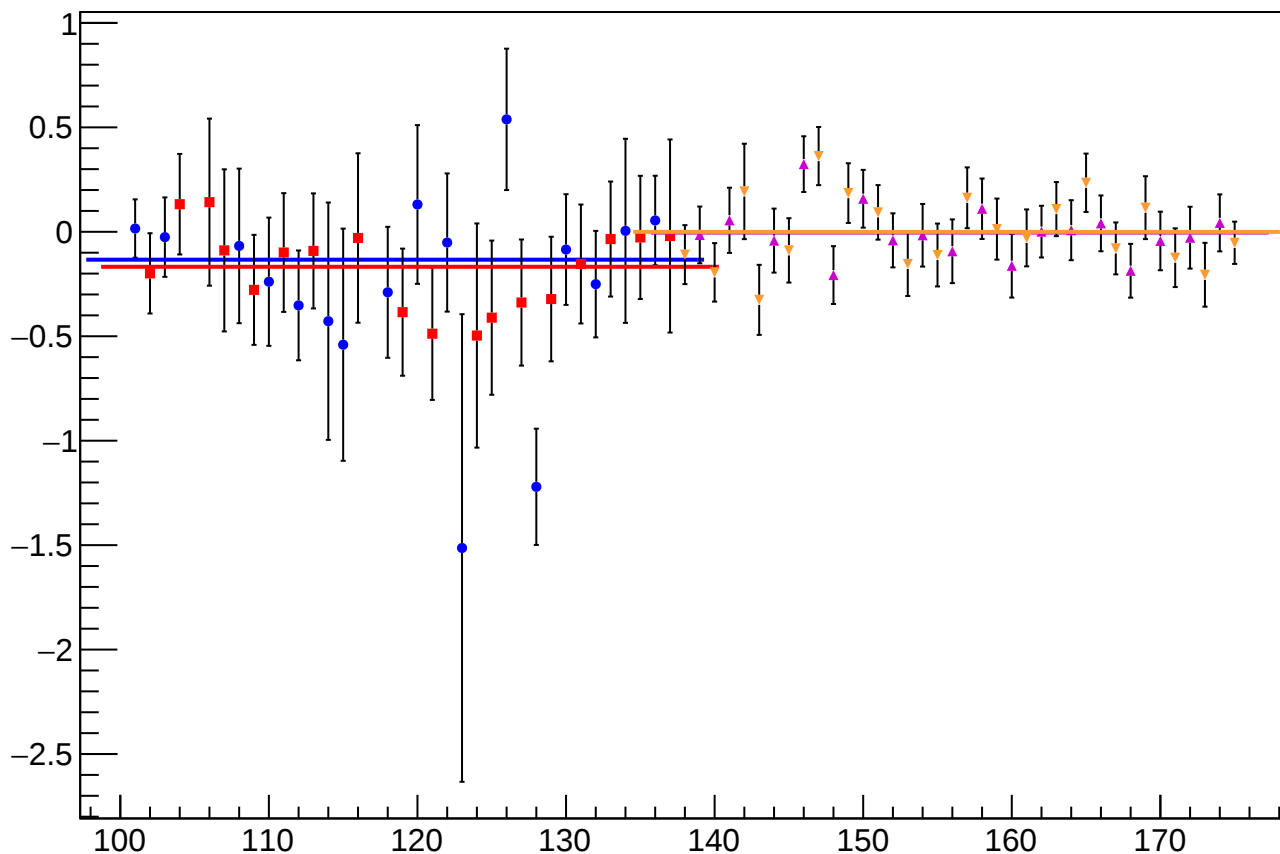
Right: -0.072 $\pm$ 0.027 χ^2/NDF : 44.9/34

In: -0.093 $\pm$ 0.020 χ^2/NDF : 44.3/34

Out: -0.074 $\pm$ 0.020 χ^2/NDF : 41.3/37

All: -0.083 $\pm$ 0.014 χ^2/NDF : 86.0/72

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 $\chi^2/\text{NDF}: 25.7/16$

Left Out: -0.000 ± 0.032 $\chi^2/\text{NDF}: 26.6/19$

Right Out: -0.167 ± 0.071 $\chi^2/\text{NDF}: 6.1/17$

Left In: -0.004 ± 0.033 $\chi^2/\text{NDF}: 14.3/17$

Left: -0.002 ± 0.023 $\chi^2/\text{NDF}: 40.8/37$

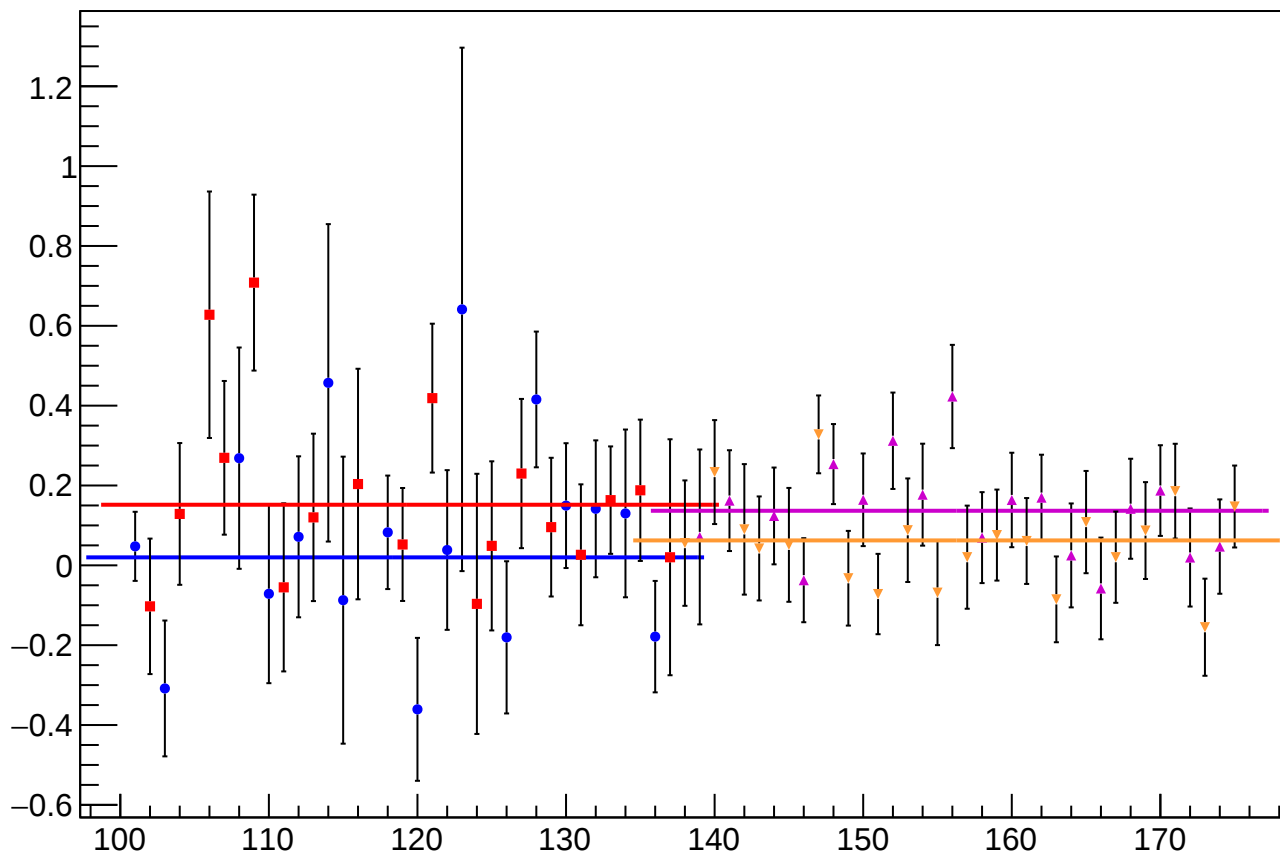
Right: -0.149 ± 0.049 $\chi^2/\text{NDF}: 32.0/34$

In: -0.029 ± 0.030 $\chi^2/\text{NDF}: 43.1/34$

Out: -0.028 ± 0.029 $\chi^2/\text{NDF}: 37.3/37$

All: -0.028 ± 0.021 $\chi^2/\text{NDF}: 80.4/72$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.062 ± 0.027 $\chi^2/\text{NDF}: 19.9/19$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.137 ± 0.028 $\chi^2/\text{NDF}: 16.6/17$

Left: 0.097 ± 0.020 $\chi^2/\text{NDF}: 40.2/37$

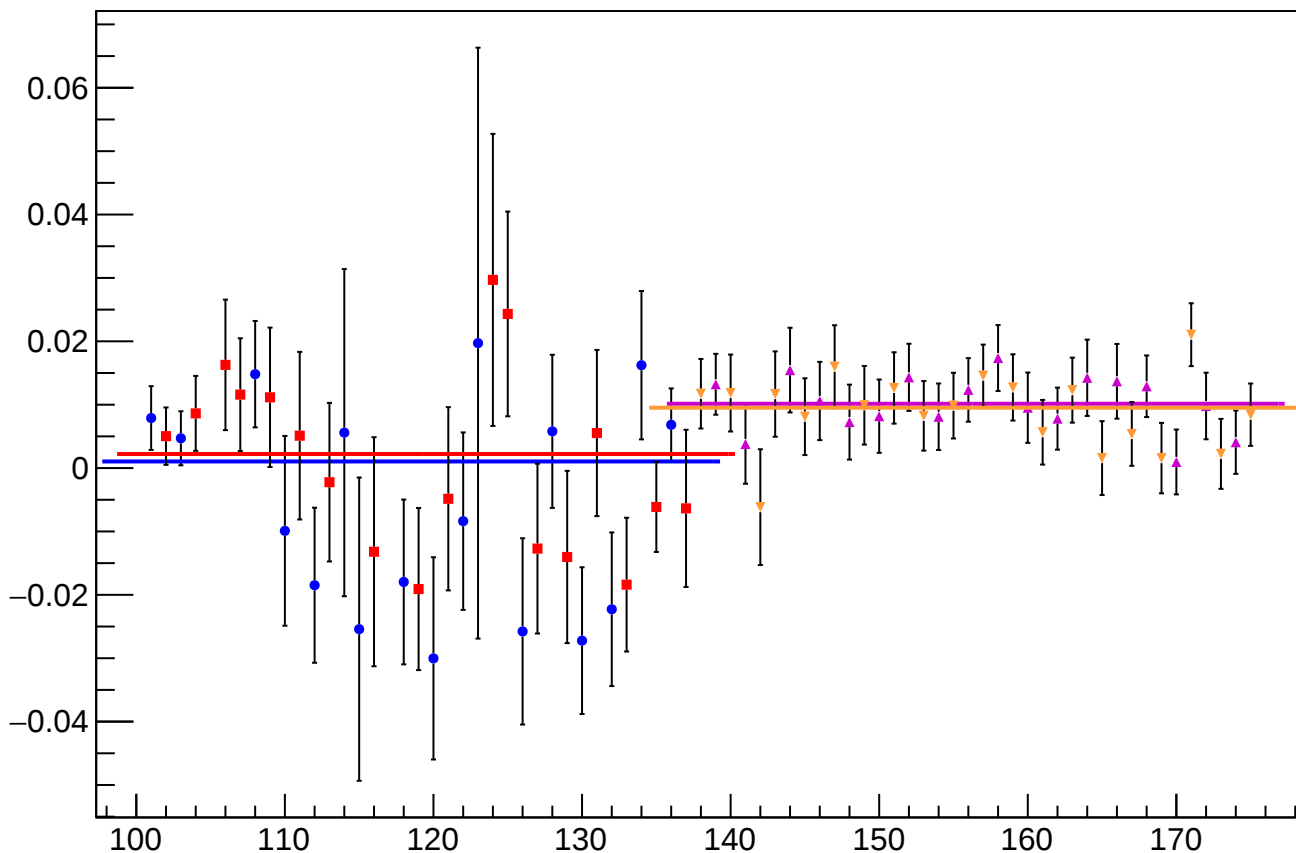
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.100 ± 0.024 $\chi^2/\text{NDF}: 43.7/34$

Out: 0.086 ± 0.023 $\chi^2/\text{NDF}: 39.6/37$

All: 0.093 ± 0.017 $\chi^2/\text{NDF}: 83.5/72$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF:18.8/19

Right Out: 0.002 $\pm$ 0.002 χ^2 /NDF: 20.8/17

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:11.4/17

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 30.4/37

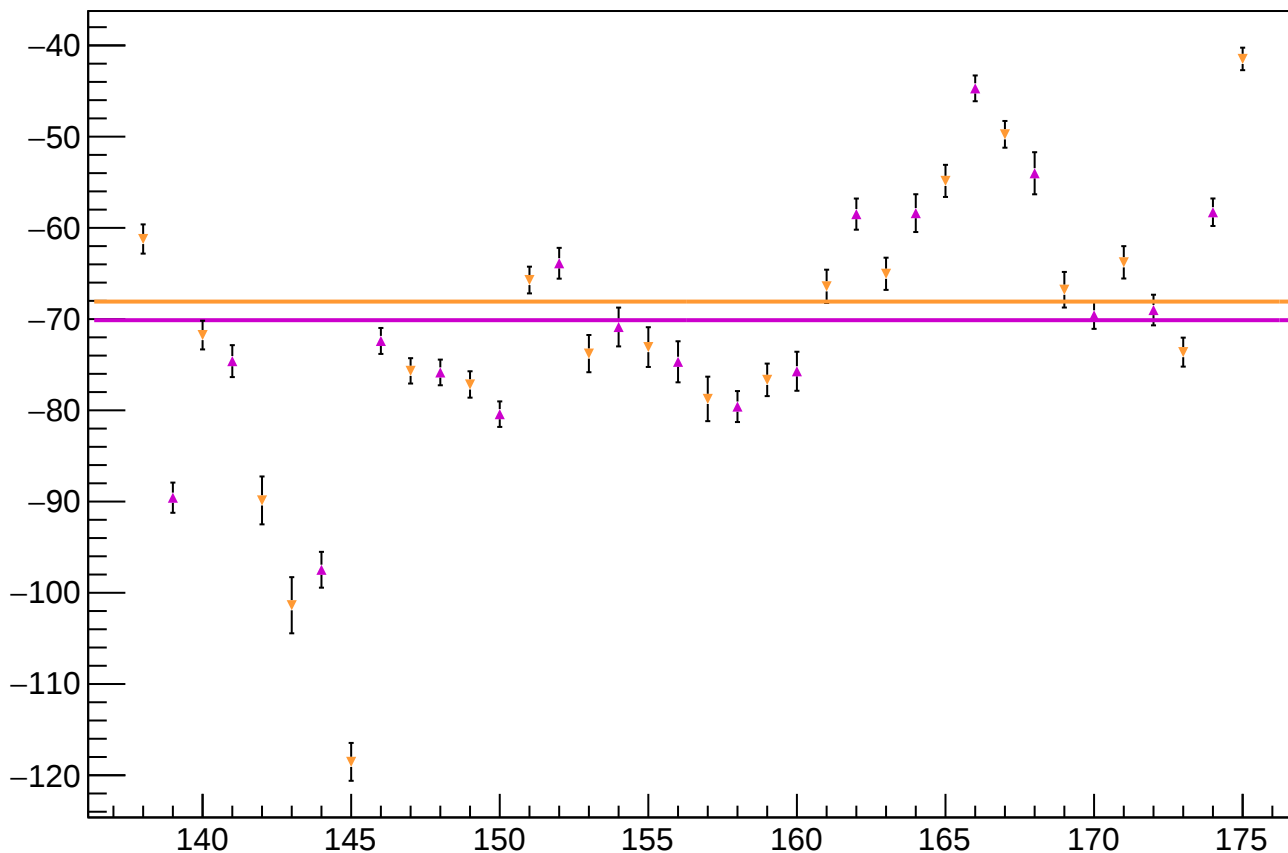
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.008 $\pm$ 0.001 χ^2 /NDF:56.0/34

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:47.5/37

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 103.5/72

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: -68.079+/-0.386 χ^2/NDF :1628.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.119+/-0.398 χ^2/NDF :981.1/17

Left: -69.067+/-0.277 χ^2/NDF : 2623.0/37

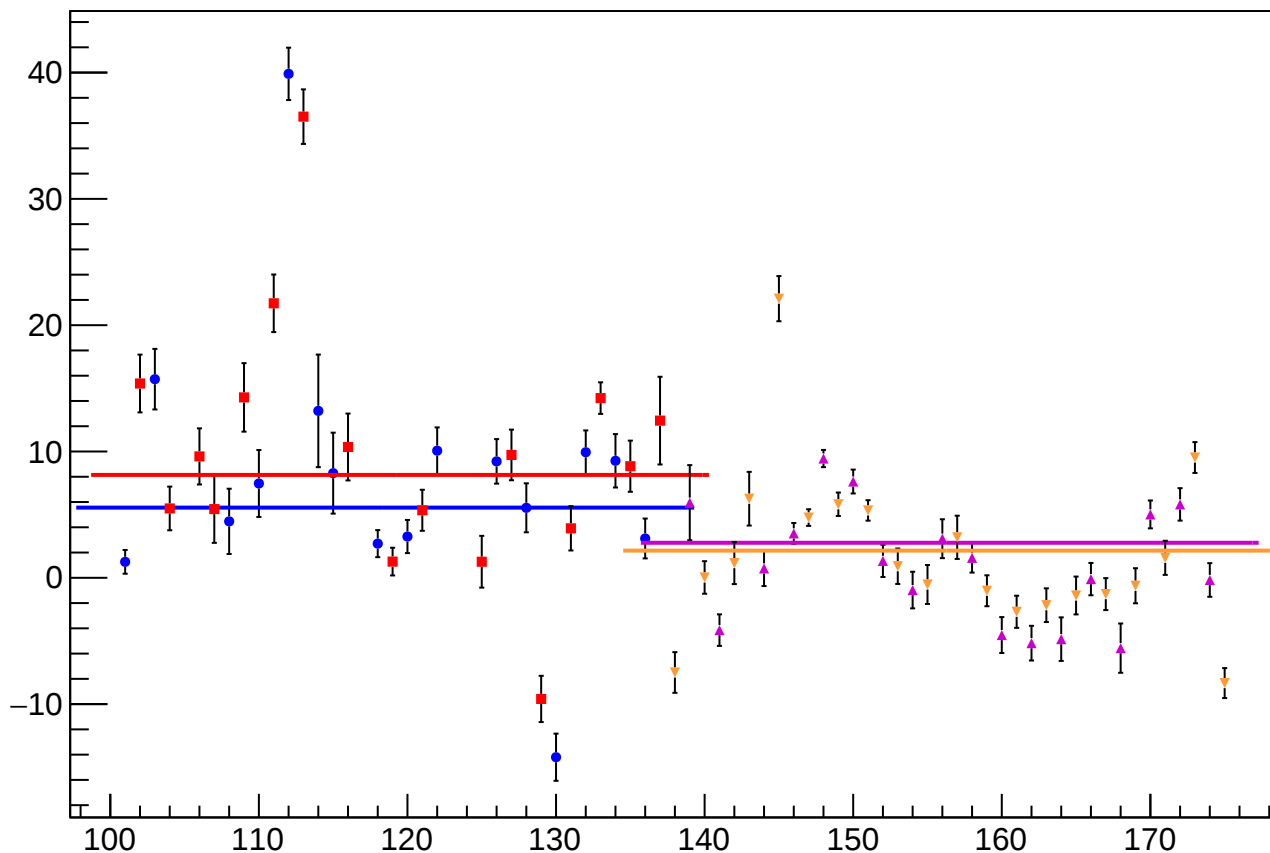
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.119+/-0.398 χ^2/NDF :981.1/17

Out: -68.079+/-0.386 χ^2/NDF :1628.3/19

All: -69.067+/-0.277 χ^2/NDF : 2623.0/37

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.154 ± 0.272 $\chi^2/\text{NDF}: 381.6/19$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 2.775 ± 0.283 $\chi^2/\text{NDF}: 283.2/17$

Left: 2.452 ± 0.196 $\chi^2/\text{NDF}: 667.3/37$

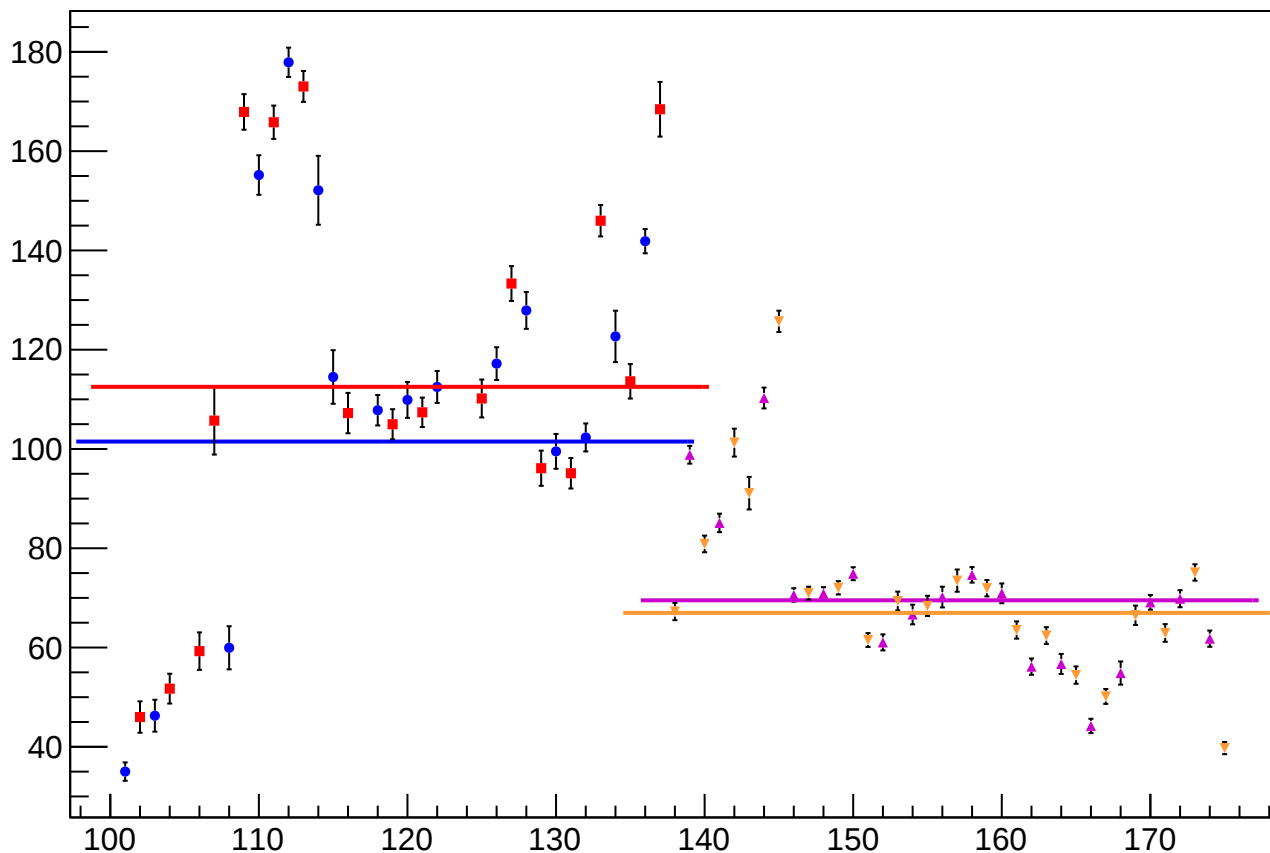
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 3.633 ± 0.235 $\chi^2/\text{NDF}: 775.0/33$

Out: 3.736 ± 0.233 $\chi^2/\text{NDF}: 916.4/36$

All: 3.685 ± 0.166 $\chi^2/\text{NDF}: 1691.5/70$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 66.984 $\pm$ 0.380 χ^2 /NDF:1780.5/19

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 69.513 $\pm$ 0.392 χ^2 /NDF:1251.3/17

Left: 68.211 $\pm$ 0.273 χ^2 /NDF: 3053.2/37

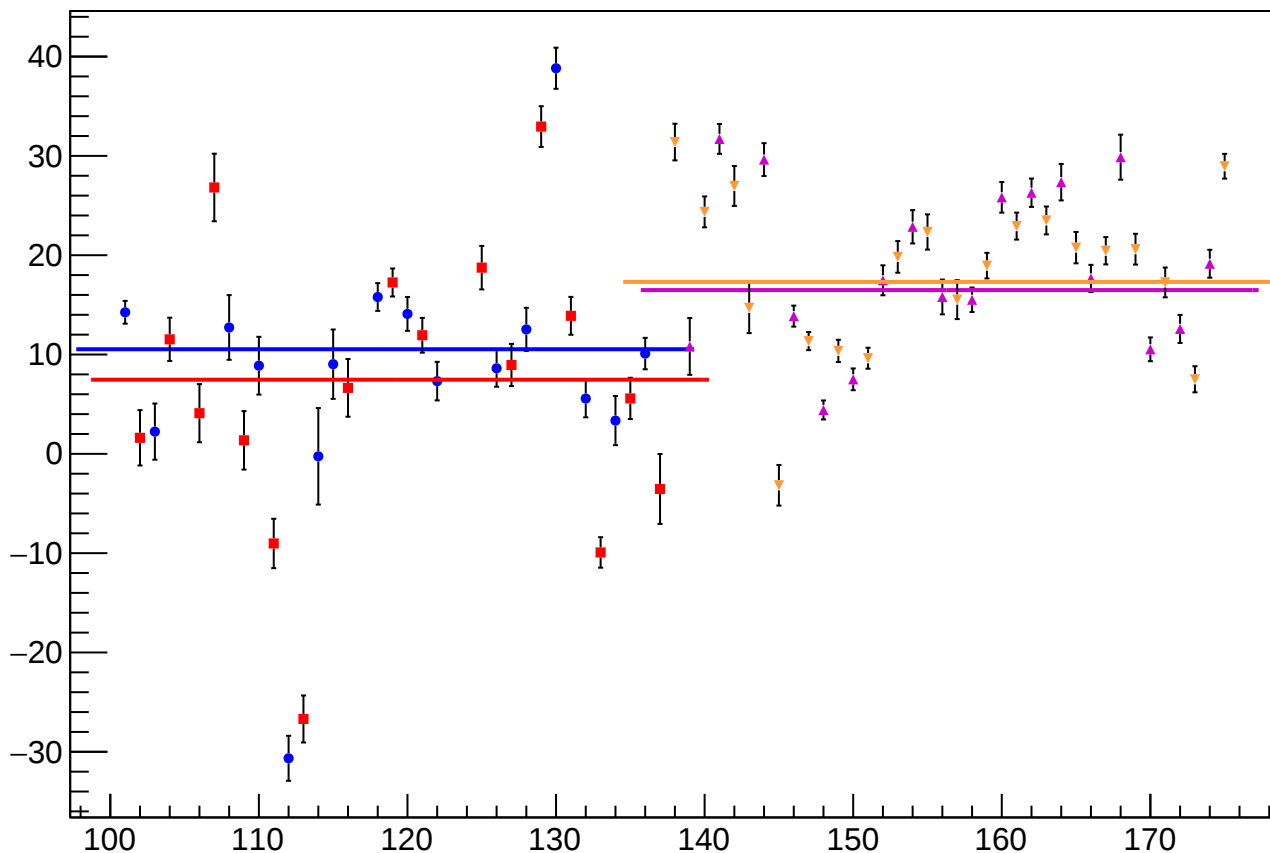
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 75.606 $\pm$ 0.353 χ^2 /NDF:5491.8/33

Out: 74.687 $\pm$ 0.347 χ^2 /NDF:6440.5/36

All: 75.139 $\pm$ 0.247 χ^2 /NDF: 11935.8/70

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532+/-0.493 χ^2 /NDF: 580.3/15

Left Out: 17.313+/-0.318 χ^2 /NDF: 544.7/19

Right Out: 7.466+/-0.525 χ^2 /NDF: 685.0/16

Left In: 16.487+/-0.330 χ^2 /NDF: 609.1/17

Left: 16.915+/-0.229 χ^2 /NDF: 1157.1/37

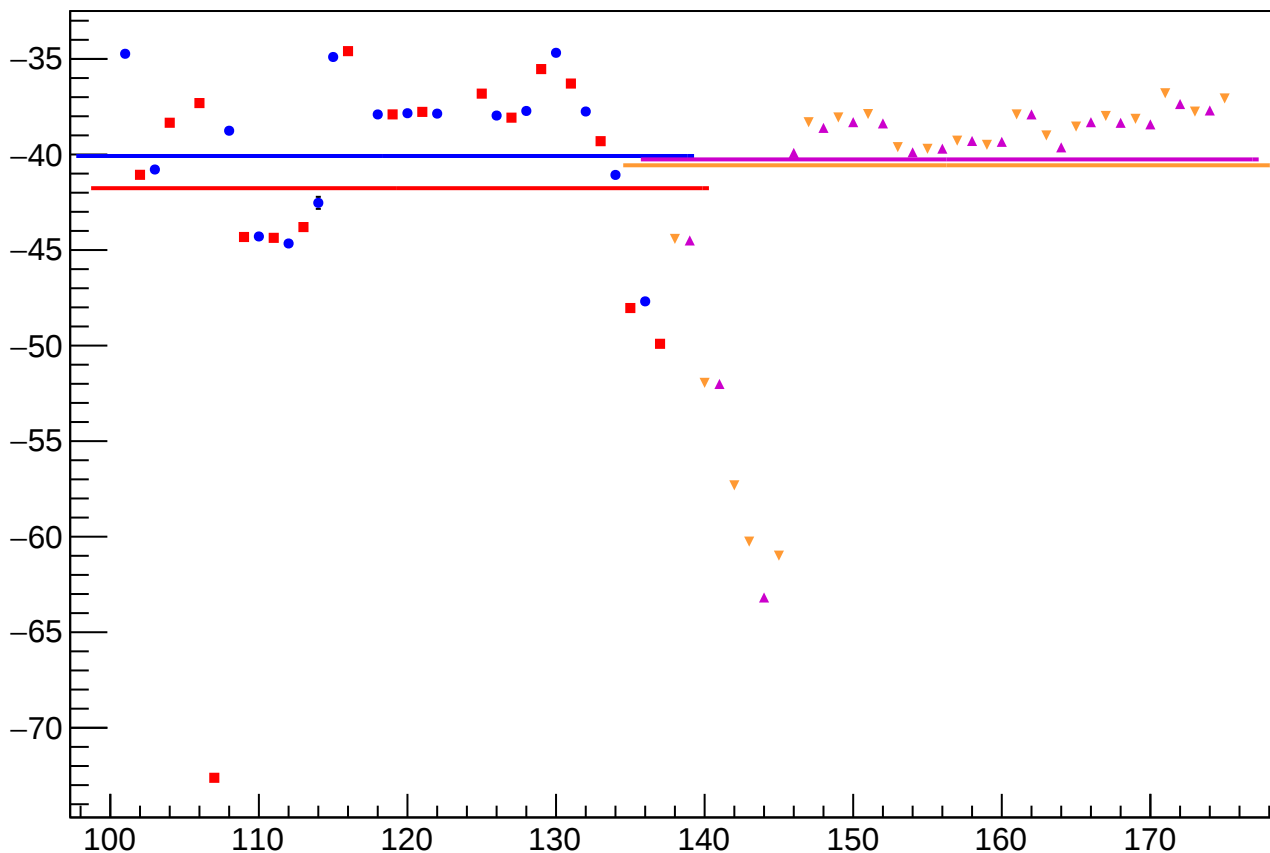
Right: 9.096+/-0.359 χ^2 /NDF: 1283.4/32

In: 14.643+/-0.274 χ^2 /NDF: 1290.2/33

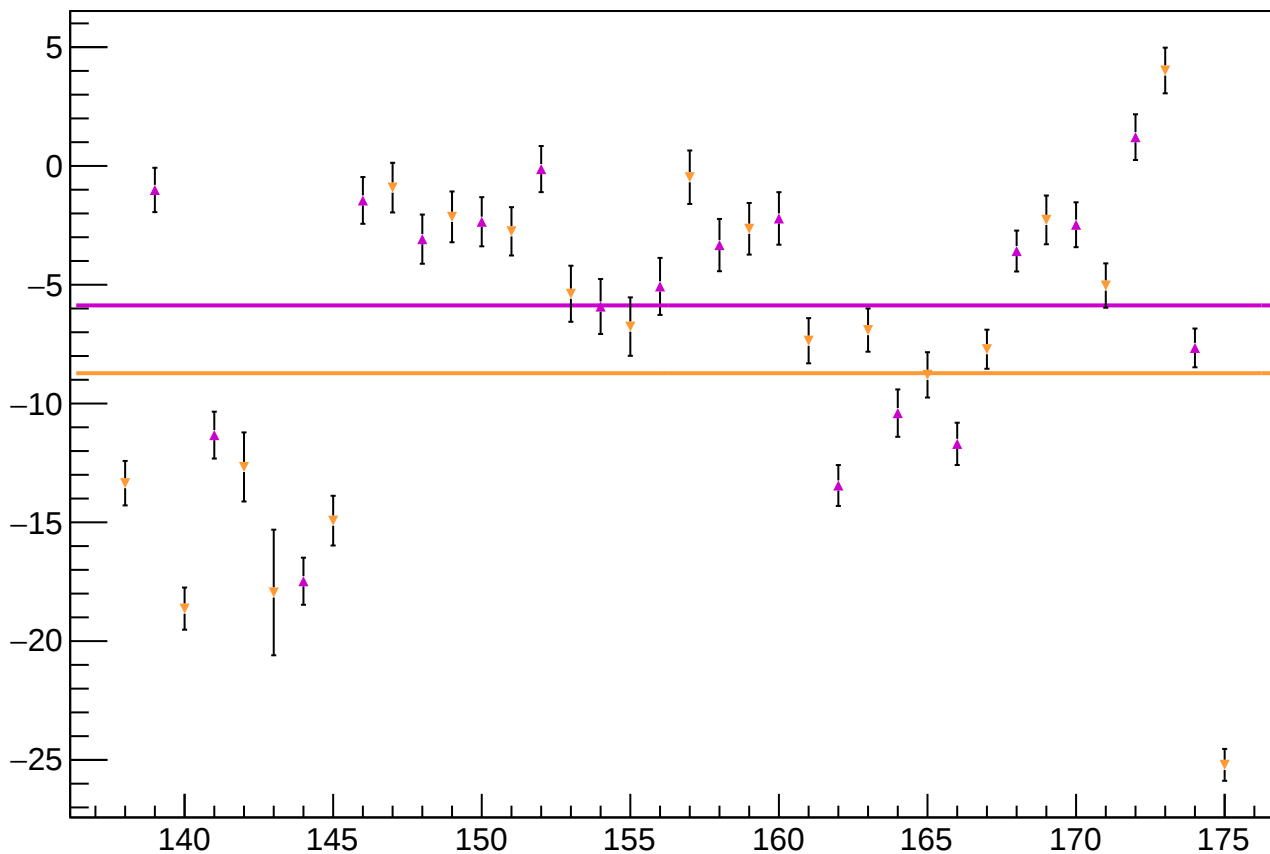
Out: 14.671+/-0.272 χ^2 /NDF: 1487.1/36

All: 14.657+/-0.193 χ^2 /NDF: 2777.3/70

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



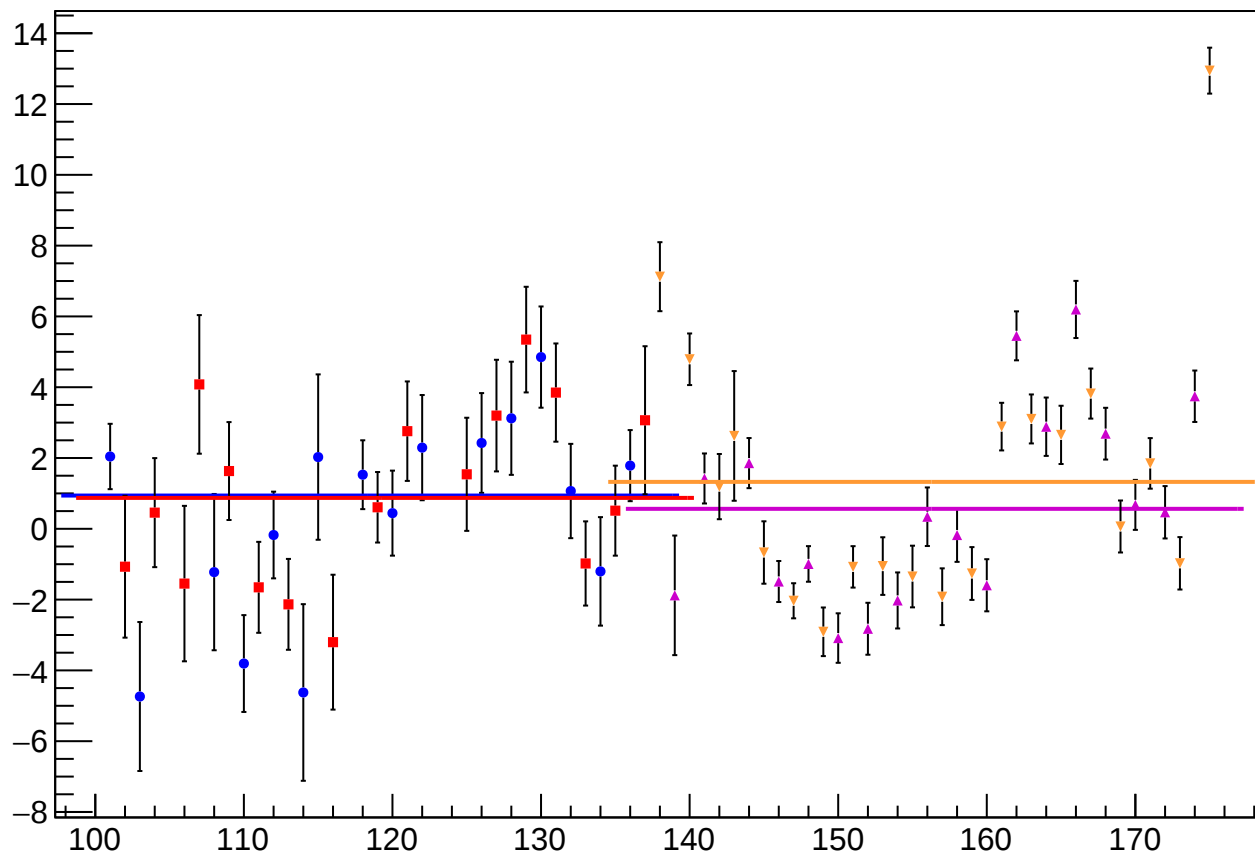
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.723 $\pm$ 0.224 χ^2/NDF :1269.8/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -5.870 $\pm$ 0.230 χ^2/NDF :505.8/17

Left: -7.337 $\pm$ 0.160 χ^2/NDF : 1854.8/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -5.870 $\pm$ 0.230 χ^2/NDF :505.8/17
 Out: -8.723 $\pm$ 0.224 χ^2/NDF :1269.8/19
 All: -7.337 $\pm$ 0.160 χ^2/NDF : 1854.8/37

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 1.326 ± 0.165 $\chi^2/\text{NDF}: 571.4/19$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 0.564 ± 0.170 $\chi^2/\text{NDF}: 232.1/17$

Left: 0.957 ± 0.118 $\chi^2/\text{NDF}: 813.9/37$

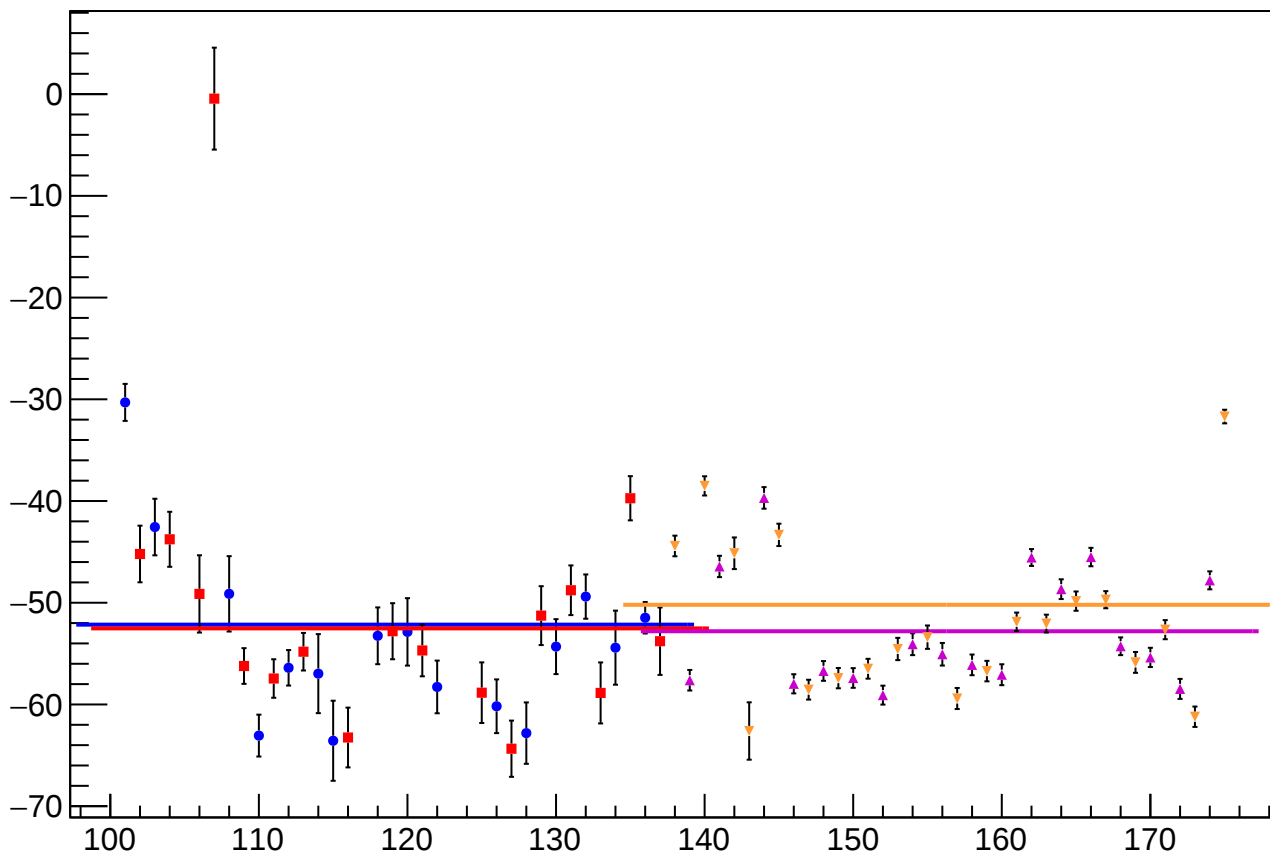
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 0.640 ± 0.152 $\chi^2/\text{NDF}: 275.3/33$

Out: 1.245 ± 0.149 $\chi^2/\text{NDF}: 613.3/36$

All: 0.948 ± 0.107 $\chi^2/\text{NDF}: 896.7/70$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.203 ± 0.221 χ^2/NDF : 1494.0/19

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -52.803 ± 0.228 χ^2/NDF : 595.5/17

Left: -51.465 ± 0.159 χ^2/NDF : 2156.5/37

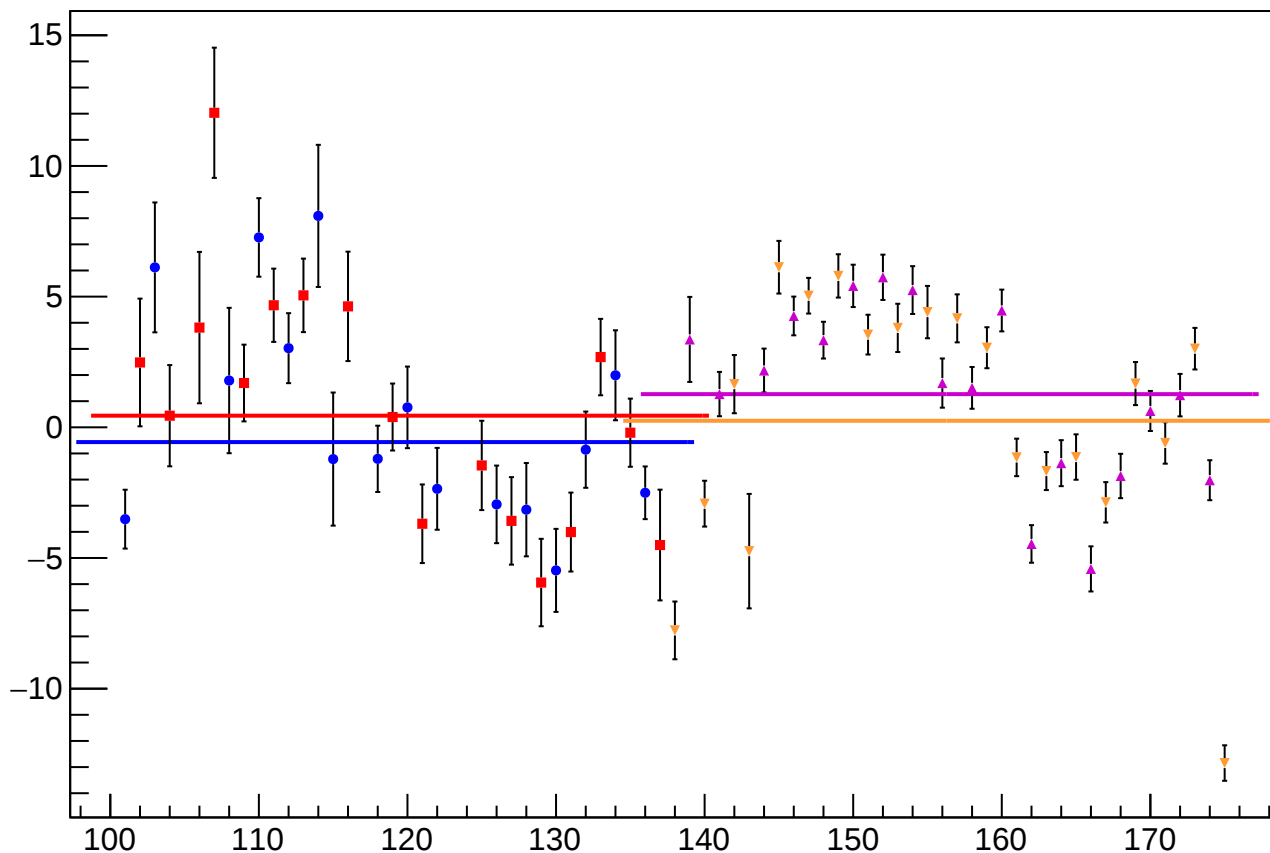
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -52.724 ± 0.214 χ^2/NDF : 827.5/33

Out: -50.467 ± 0.208 χ^2/NDF : 1724.2/36

All: -51.568 ± 0.149 χ^2/NDF : 2609.0/70

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 0.250 ± 0.189 χ^2/NDF : 699.6/19

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 1.269 ± 0.195 χ^2/NDF : 281.2/17

Left: 0.742 ± 0.136 χ^2/NDF : 994.9/37

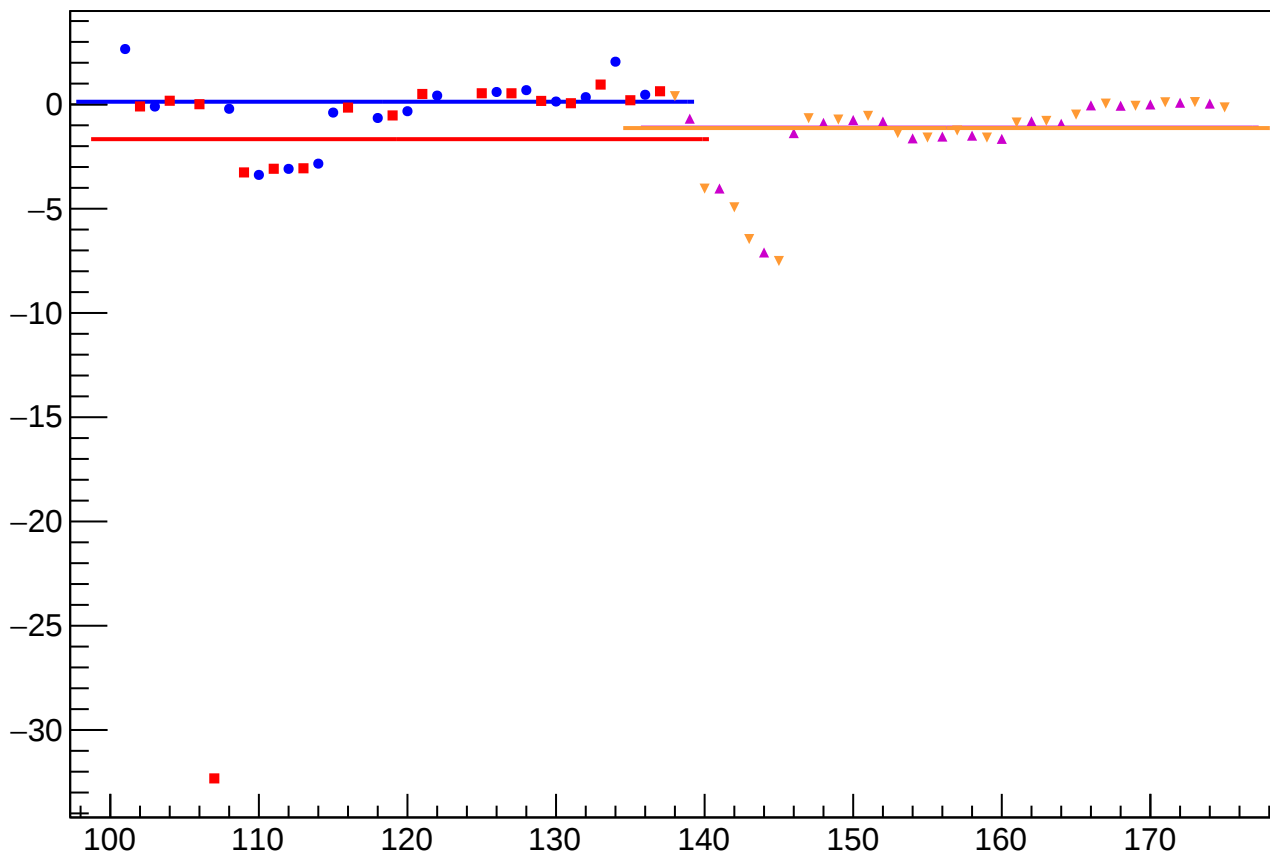
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 0.893 ± 0.174 χ^2/NDF : 381.1/33

Out: 0.285 ± 0.171 χ^2/NDF : 793.9/36

All: 0.583 ± 0.122 χ^2/NDF : 1181.2/70

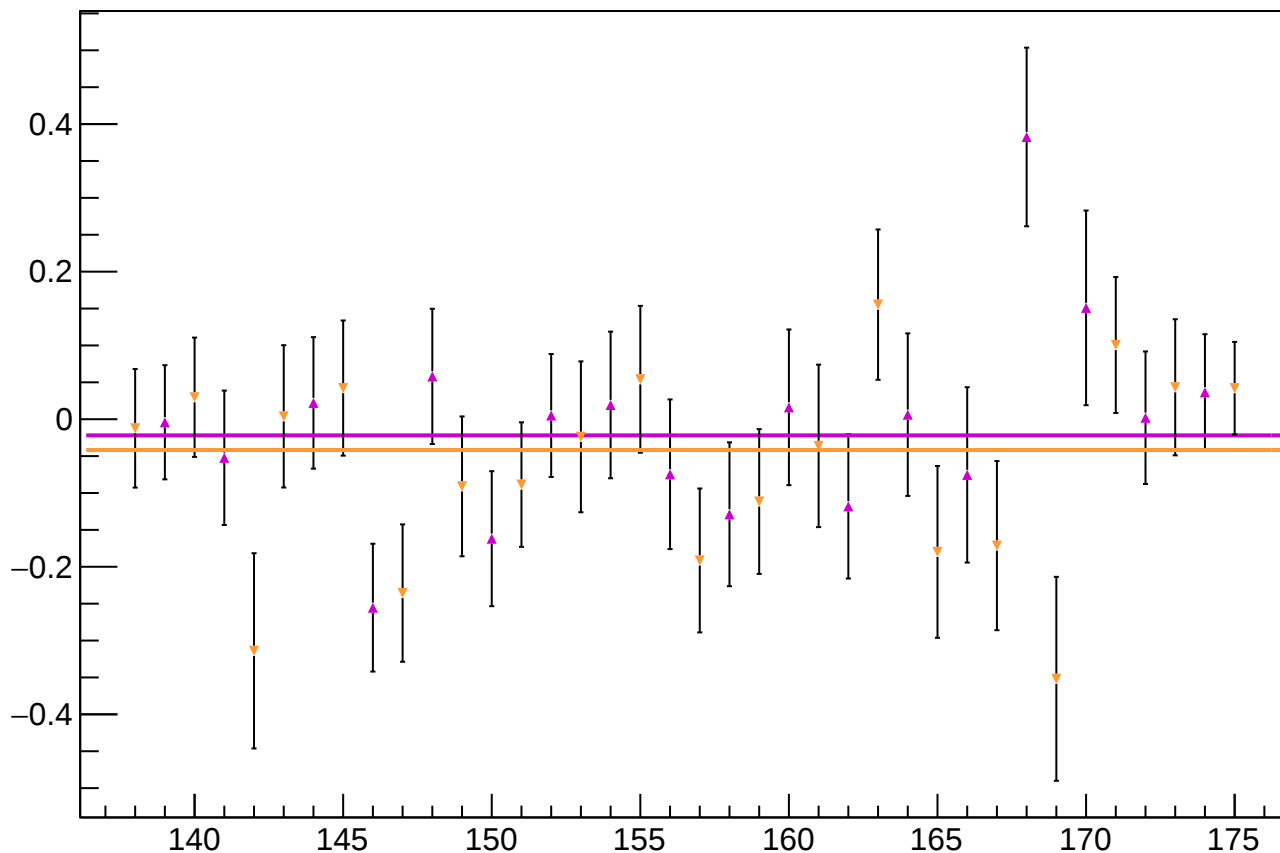
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.132 ± 0.009 $\chi^2/\text{NDF}: 40817.4/19$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.110 ± 0.009 $\chi^2/\text{NDF}: 27772.8/17$

Left: -1.121 ± 0.006 $\chi^2/\text{NDF}: 68593.4/37$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.931 ± 0.008 $\chi^2/\text{NDF}: 35851.2/33$
 Out: -1.206 ± 0.008 $\chi^2/\text{NDF}: 118930.0/36$
 All: -1.069 ± 0.006 $\chi^2/\text{NDF}: 155347.8/70$

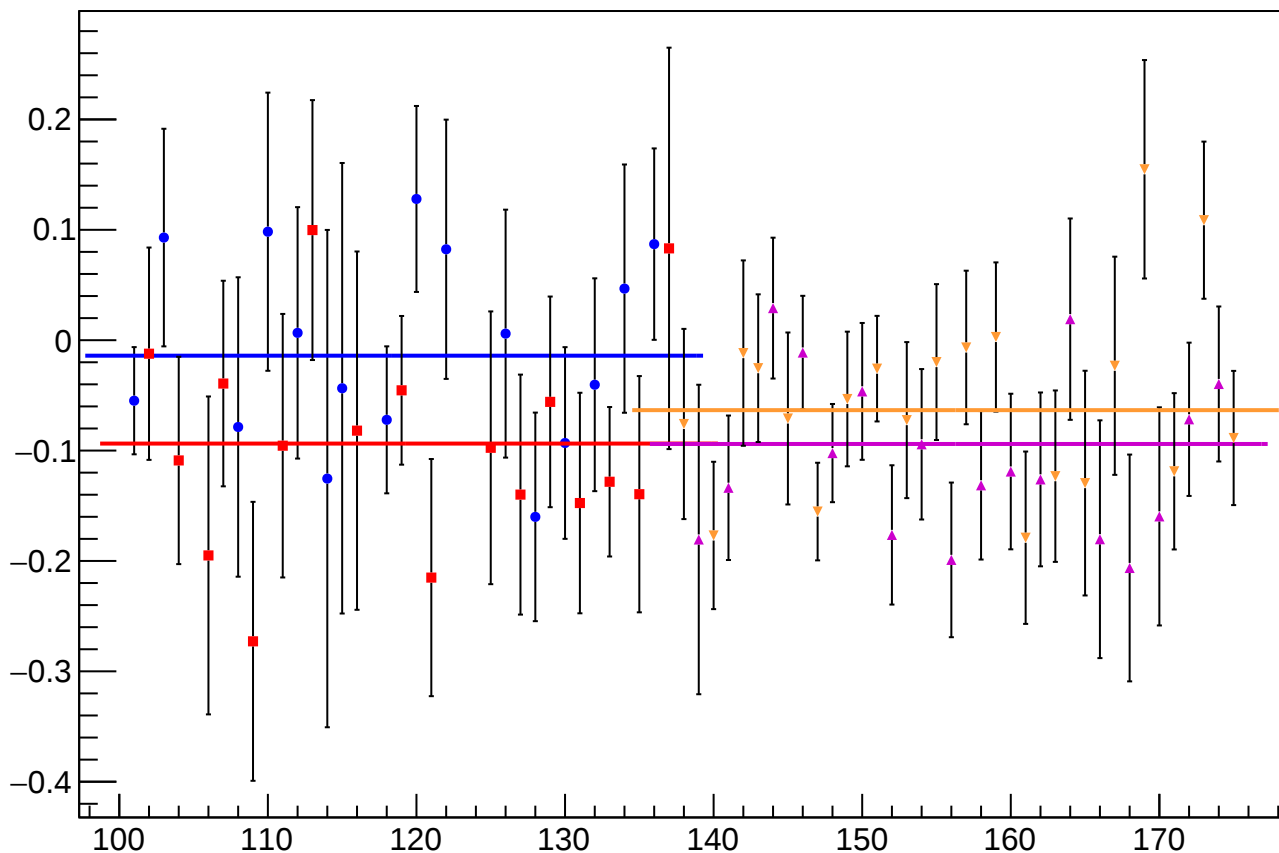
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17

Left: -0.032 $\pm$ 0.015 χ^2 /NDF: 59.2/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17
 Out: -0.042 $\pm$ 0.021 χ^2 /NDF:31.4/19
 All: -0.032 $\pm$ 0.015 χ^2 /NDF: 59.2/37

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.063 ± 0.015 $\chi^2/\text{NDF}: 25.5/19$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.094 ± 0.016 $\chi^2/\text{NDF}: 16.8/17$

Left: -0.078 ± 0.011 $\chi^2/\text{NDF}: 44.1/37$

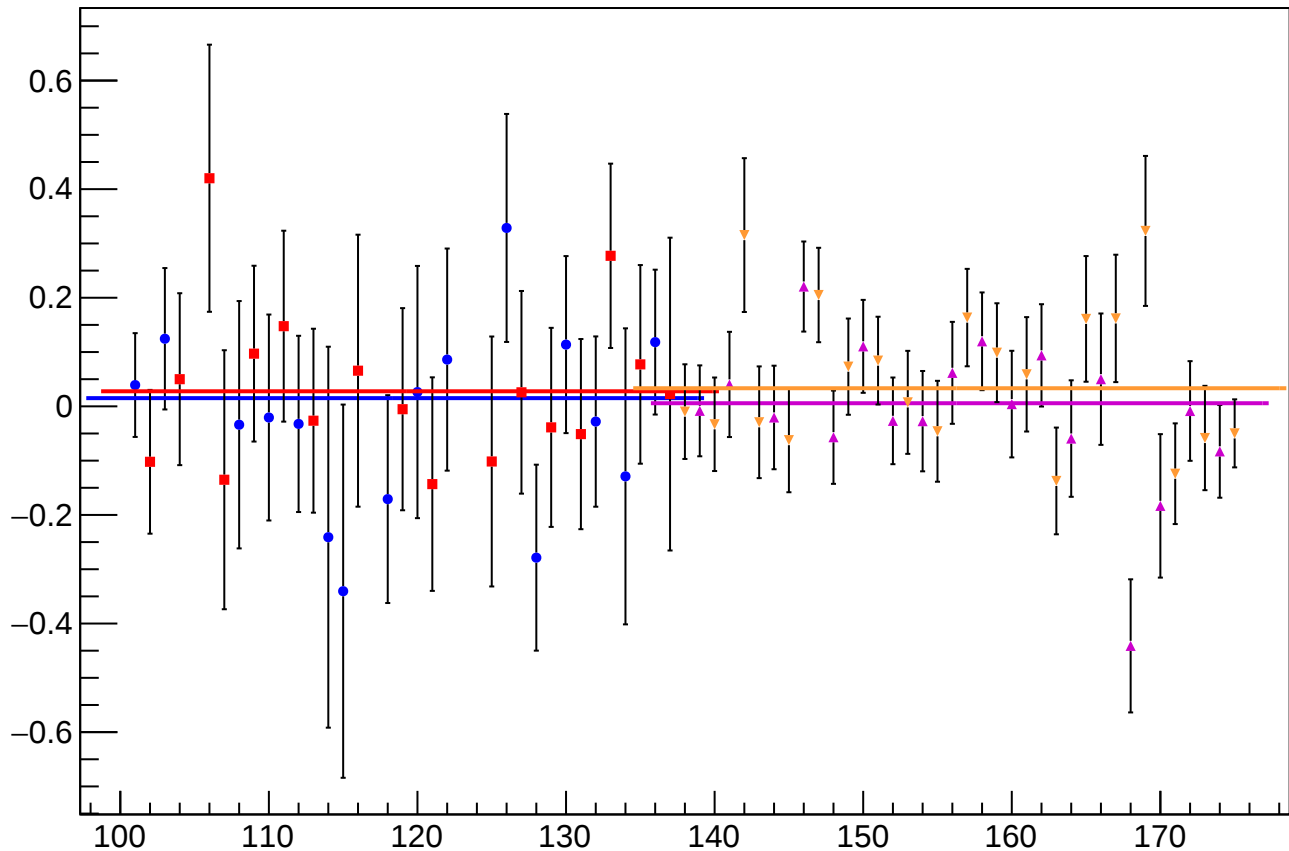
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.068 ± 0.013 $\chi^2/\text{NDF}: 37.1/33$

Out: -0.072 ± 0.013 $\chi^2/\text{NDF}: 36.7/36$

All: -0.070 ± 0.009 $\chi^2/\text{NDF}: 73.8/70$

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 $\pm$ 0.021 χ^2 /NDF: 29.5/19

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.006 $\pm$ 0.022 χ^2 /NDF: 29.0/17

Left: 0.020 $\pm$ 0.015 χ^2 /NDF: 59.4/37

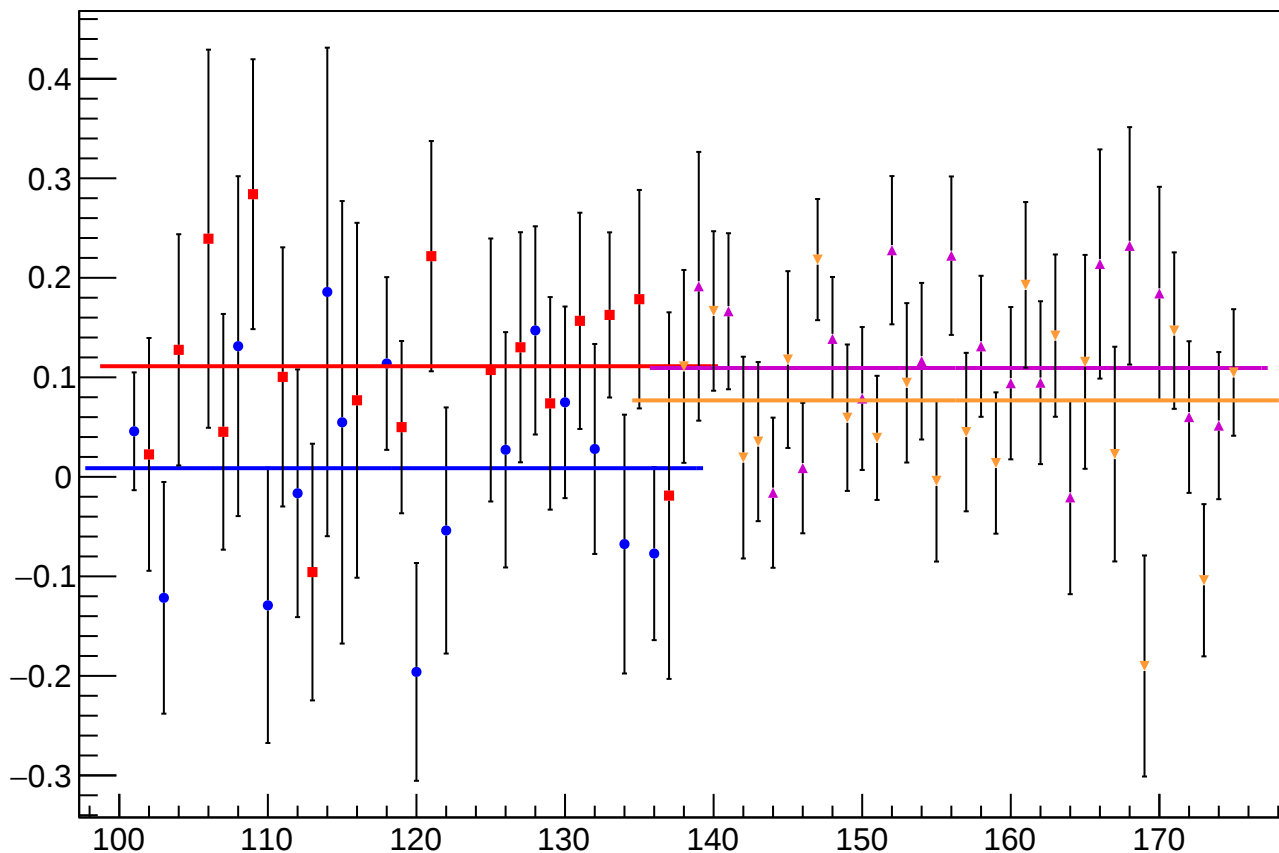
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.008 $\pm$ 0.020 χ^2 /NDF: 39.2/33

Out: 0.032 $\pm$ 0.019 χ^2 /NDF: 38.0/36

All: 0.020 $\pm$ 0.014 χ^2 /NDF: 78.0/70

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.077 $\pm$ 0.018 χ^2 /NDF: 25.3/19

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.109 $\pm$ 0.019 χ^2 /NDF: 16.3/17

Left: 0.092 $\pm$ 0.013 χ^2 /NDF: 43.2/37

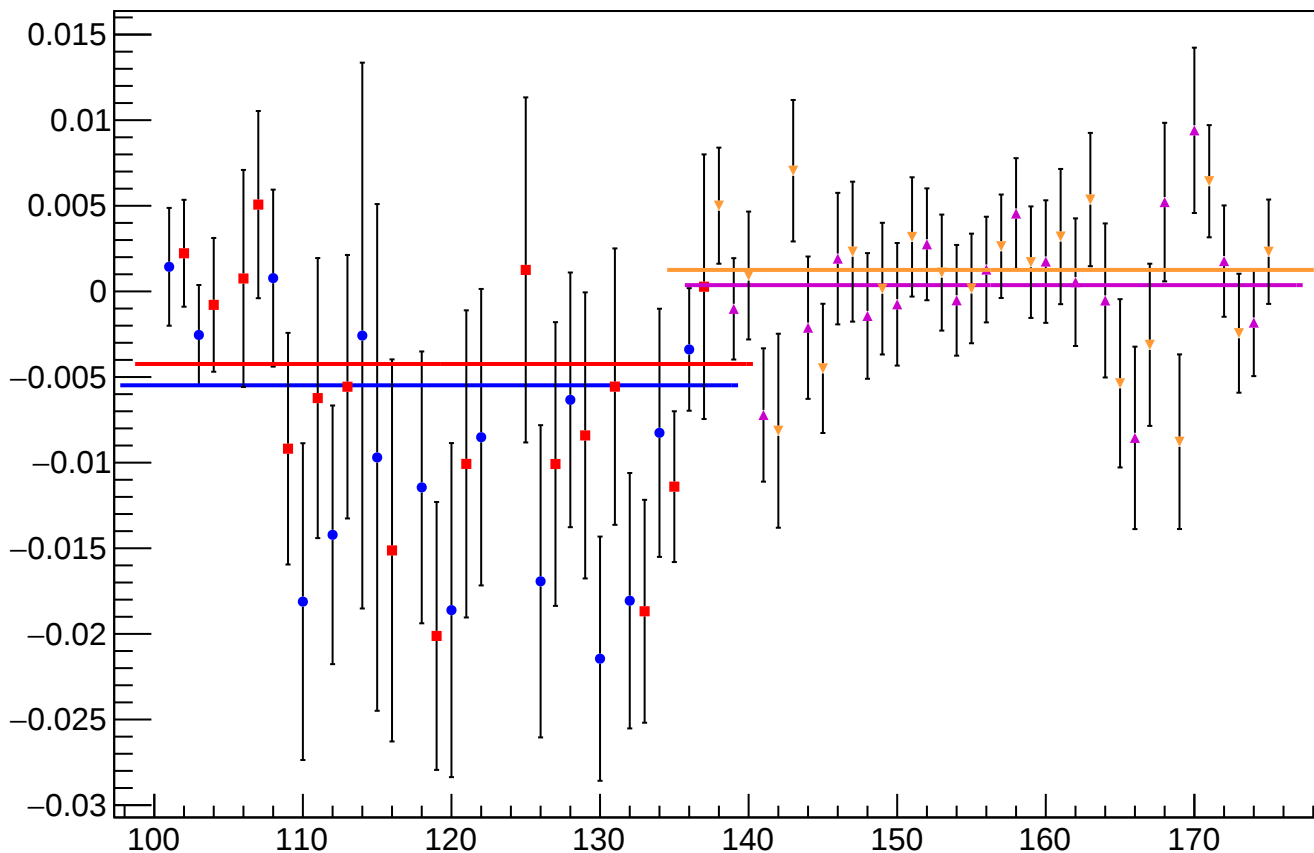
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.076 $\pm$ 0.015 χ^2 /NDF: 38.3/33

Out: 0.086 $\pm$ 0.015 χ^2 /NDF: 34.9/36

All: 0.081 $\pm$ 0.011 χ^2 /NDF: 73.4/70

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 20.7/19

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 15.5/17

Left: 0.001 ± 0.001 χ^2/NDF : 36.8/37

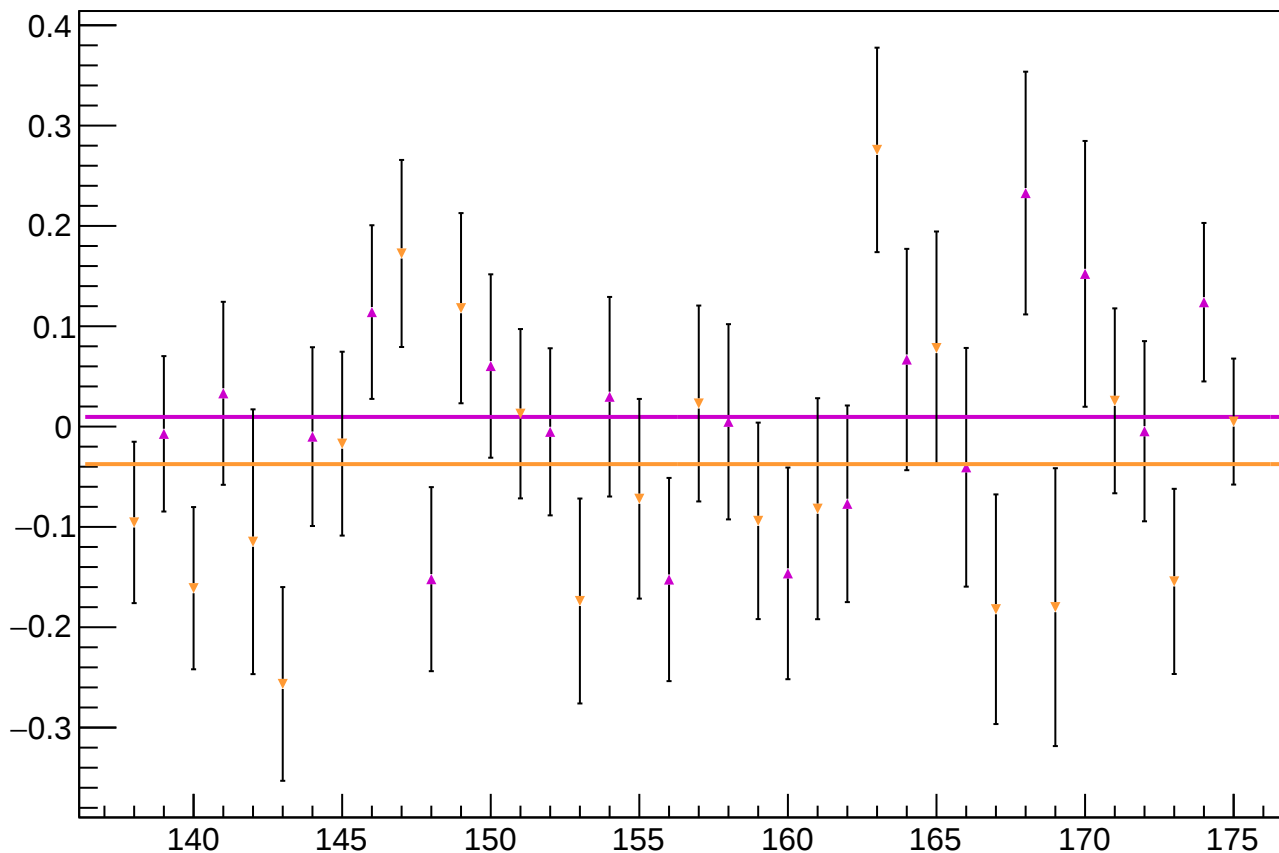
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 50.0/33

Out: -0.000 ± 0.001 χ^2/NDF : 55.0/36

All: -0.001 ± 0.001 χ^2/NDF : 106.1/70

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: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Left: -0.015 $\pm$ 0.015 χ^2 /NDF: 55.0/37

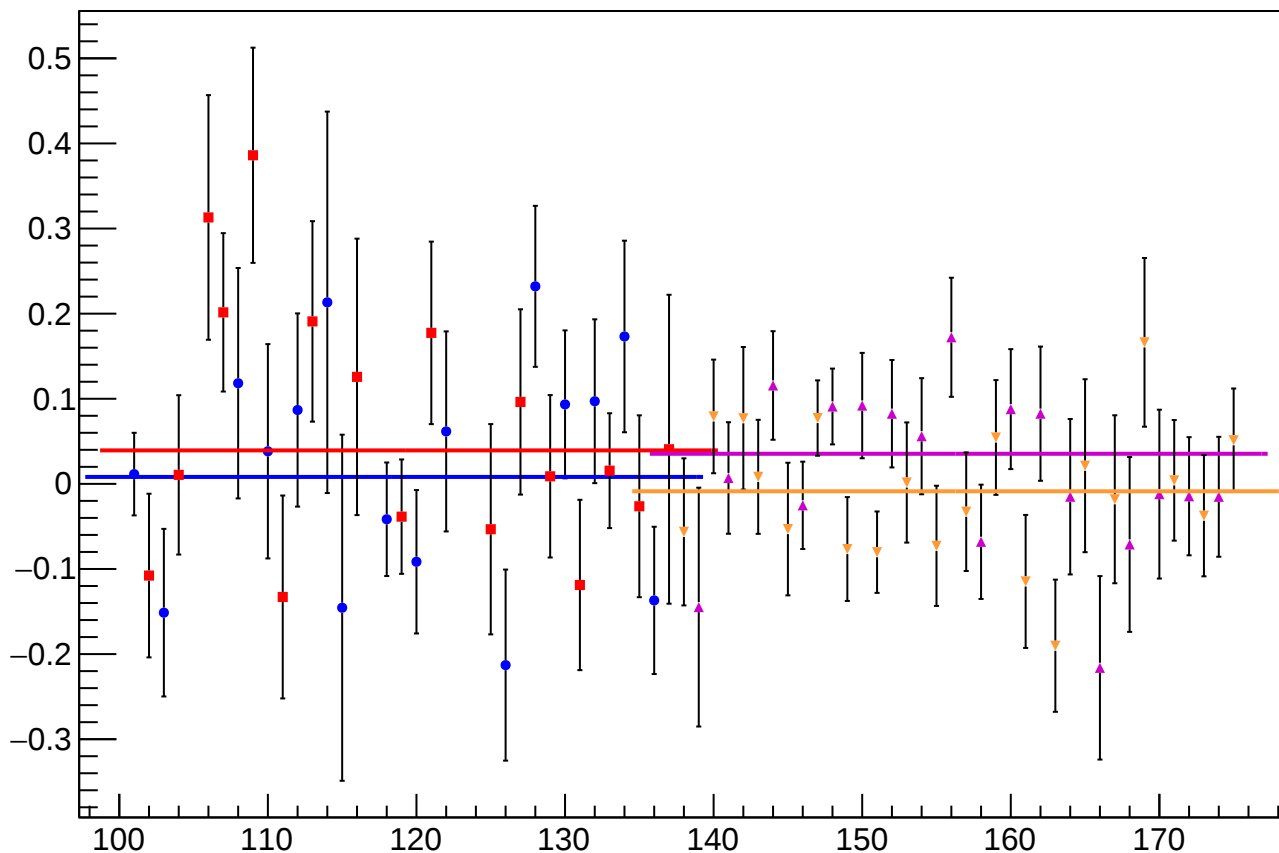
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Out: -0.037 $\pm$ 0.021 χ^2 /NDF:34.9/19

All: -0.015 $\pm$ 0.015 χ^2 /NDF: 55.0/37

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 χ^2/NDF : 23.7/15

Left Out: -0.009 ± 0.015 χ^2/NDF : 24.3/19

Right Out: 0.039 ± 0.025 χ^2/NDF : 27.6/16

Left In: 0.035 ± 0.016 χ^2/NDF : 23.1/17

Left: 0.012 ± 0.011 χ^2/NDF : 51.2/37

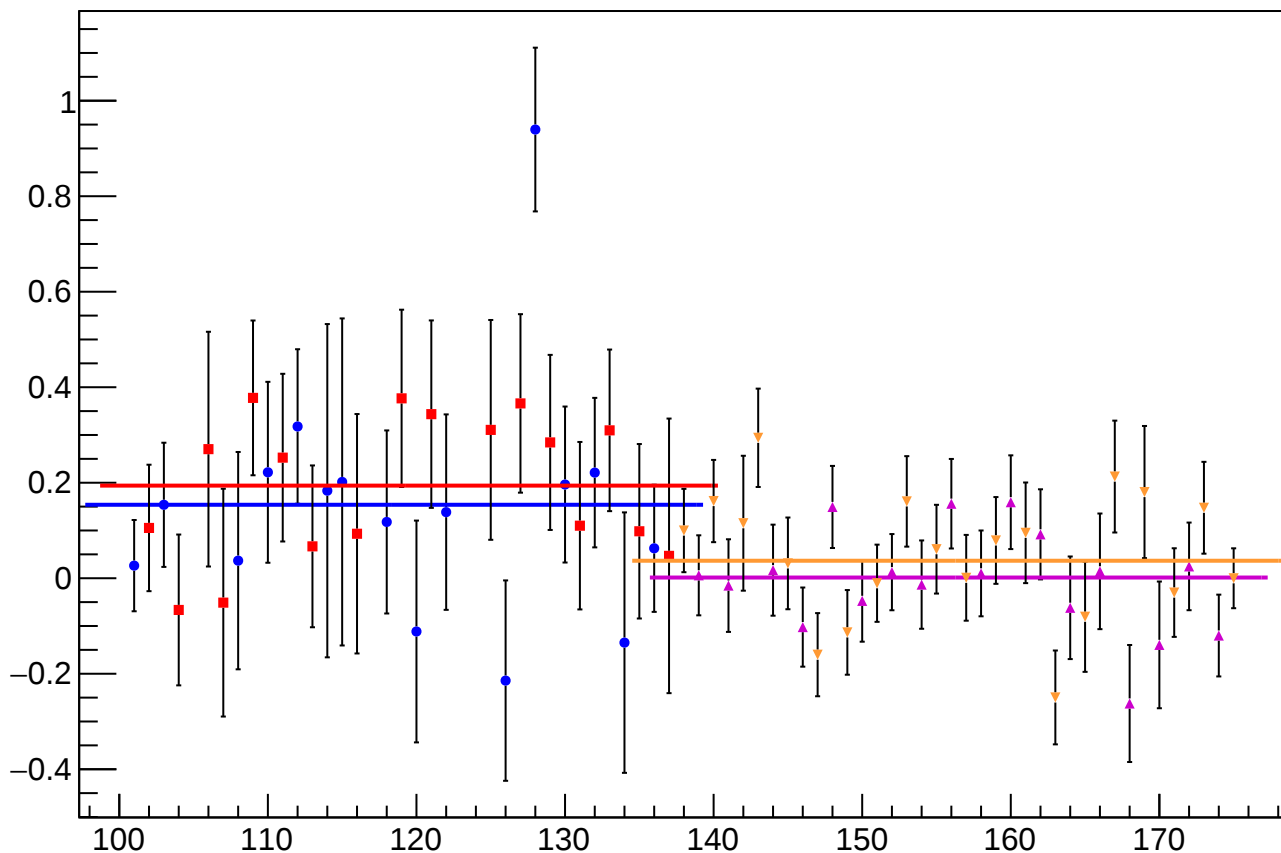
Right: 0.023 ± 0.017 χ^2/NDF : 52.1/32

In: 0.026 ± 0.013 χ^2/NDF : 47.6/33

Out: 0.005 ± 0.013 χ^2/NDF : 54.6/36

All: 0.015 ± 0.009 χ^2/NDF : 103.5/70

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.037 ± 0.021 $\chi^2/\text{NDF}: 35.0/19$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.001 ± 0.022 $\chi^2/\text{NDF}: 19.4/17$

Left: 0.020 ± 0.015 $\chi^2/\text{NDF}: 55.7/37$

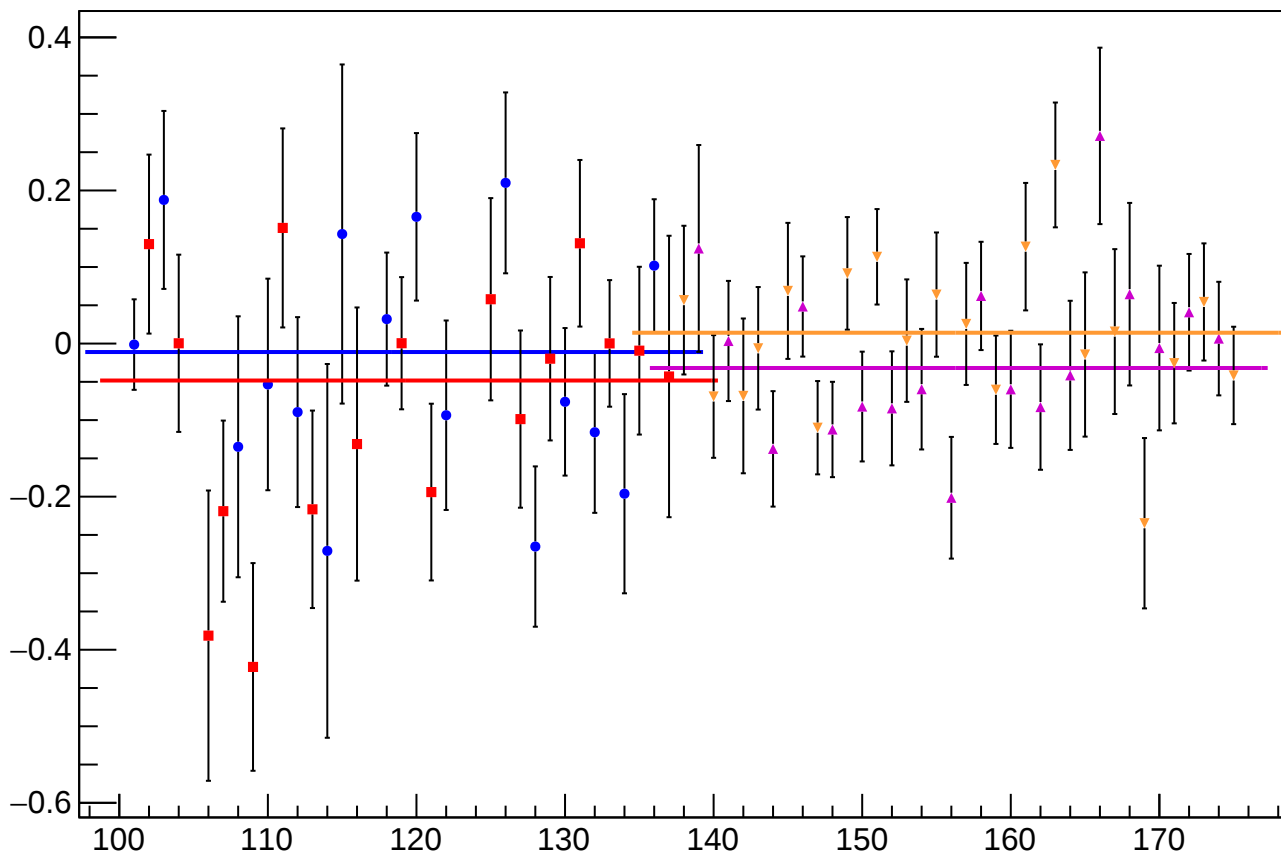
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.034 ± 0.020 $\chi^2/\text{NDF}: 59.9/33$

Out: 0.065 ± 0.019 $\chi^2/\text{NDF}: 55.7/36$

All: 0.050 ± 0.014 $\chi^2/\text{NDF}: 116.8/70$

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: 0.014 ± 0.018 χ^2/NDF : 27.1/19

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.032 ± 0.019 χ^2/NDF : 23.5/17

Left: -0.008 ± 0.013 χ^2/NDF : 53.7/37

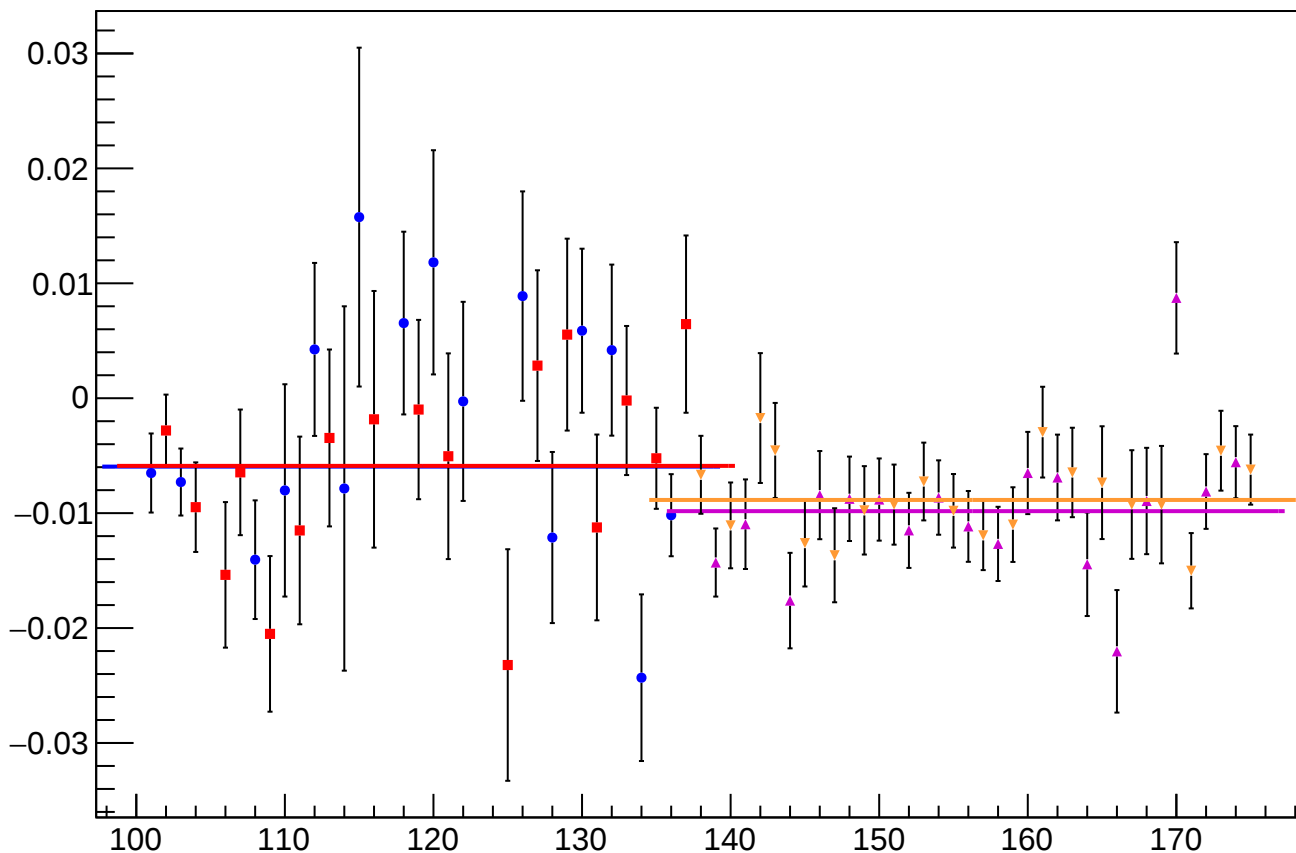
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.025 ± 0.015 χ^2/NDF : 47.3/33

Out: -0.003 ± 0.015 χ^2/NDF : 56.1/36

All: -0.014 ± 0.011 χ^2/NDF : 104.4/70

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 16.2/19

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.010 ± 0.001 χ^2/NDF : 32.1/17

Left: -0.009 ± 0.001 χ^2/NDF : 49.0/37

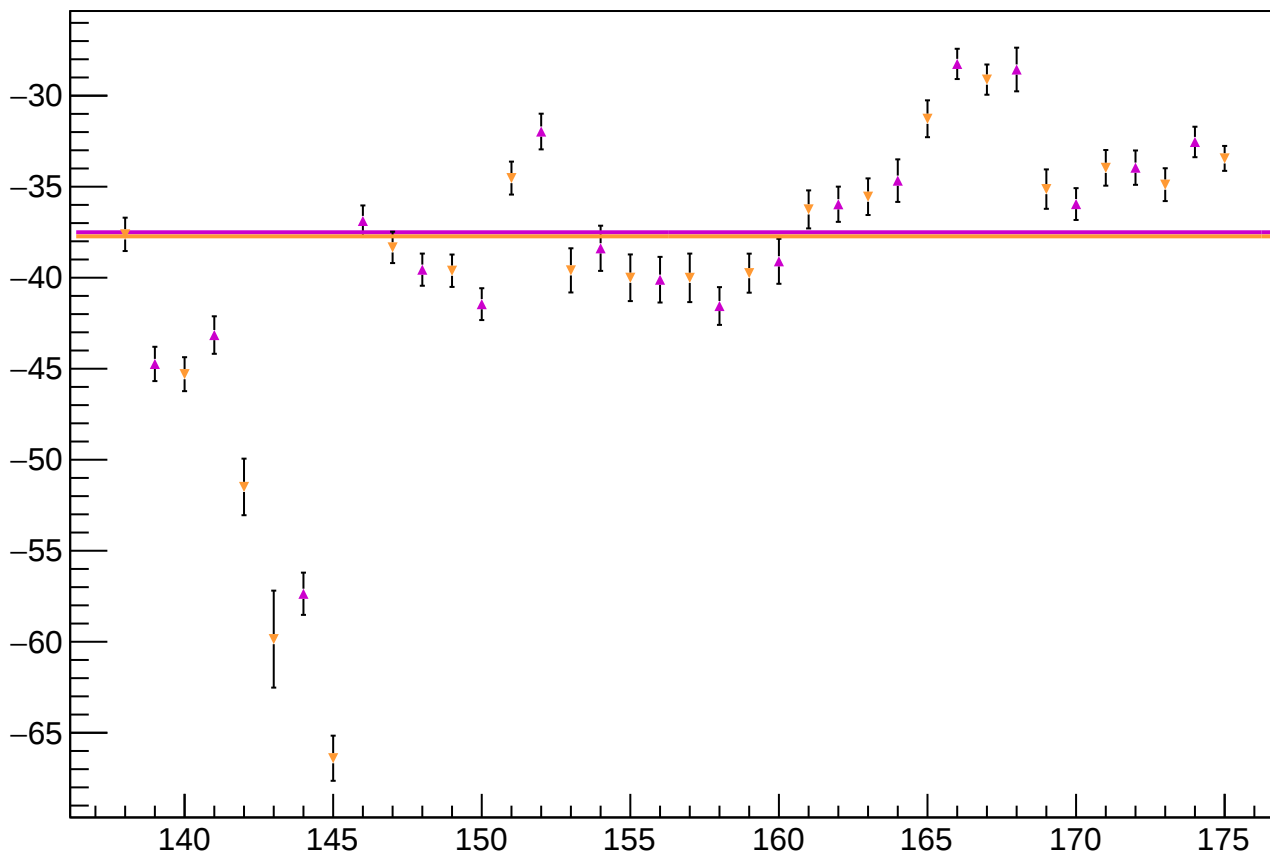
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 66.2/33

Out: -0.008 ± 0.001 χ^2/NDF : 38.9/36

All: -0.008 ± 0.001 χ^2/NDF : 105.5/70

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.728+/-0.225 χ^2/NDF :1002.3/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.505+/-0.233 χ^2/NDF :702.0/17

Left: -37.620+/-0.162 χ^2/NDF : 1704.8/37

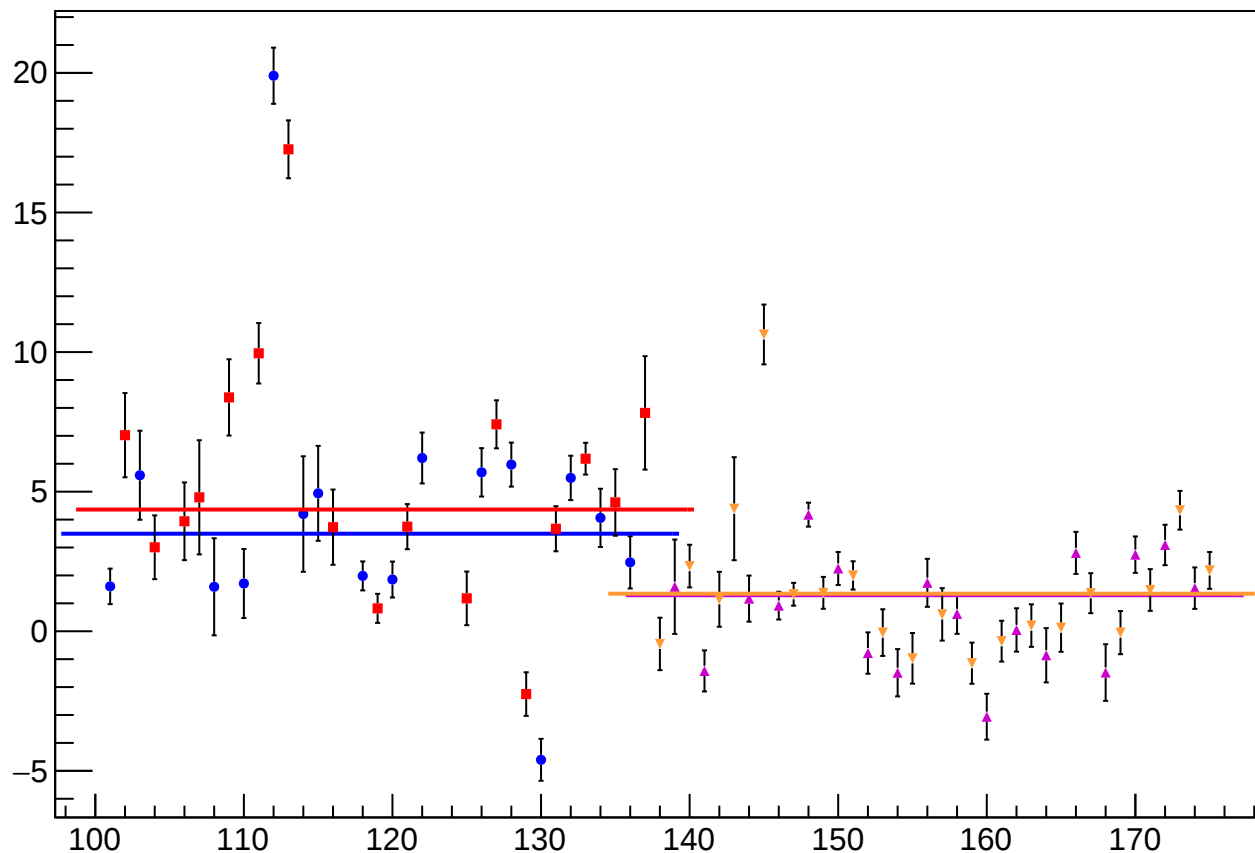
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.505+/-0.233 χ^2/NDF :702.0/17

Out: -37.728+/-0.225 χ^2/NDF :1002.3/19

All: -37.620+/-0.162 χ^2/NDF : 1704.8/37

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: 1.345 $\pm$ 0.162 χ^2 /NDF:139.3/19

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.291 $\pm$ 0.168 χ^2 /NDF:140.0/17

Left: 1.319 $\pm$ 0.116 χ^2 /NDF: 279.4/37

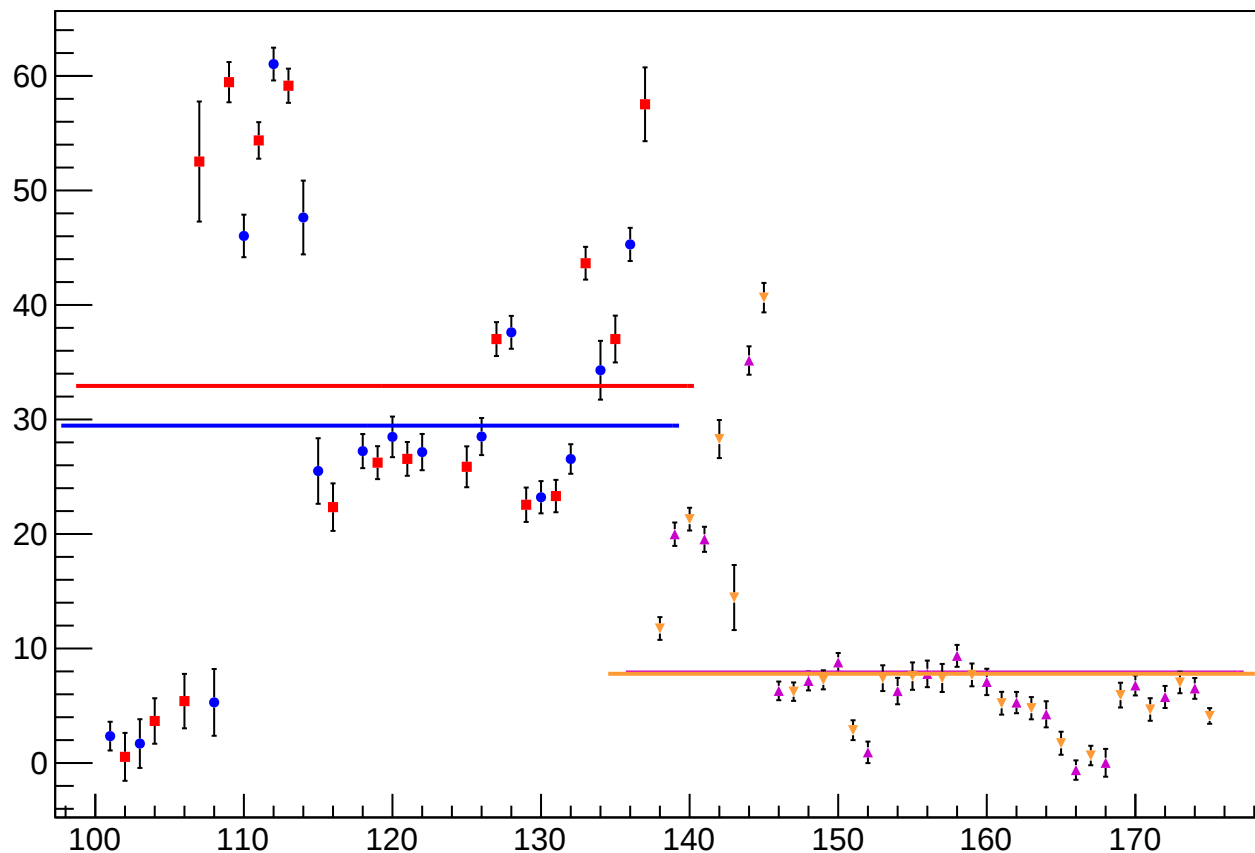
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.111 $\pm$ 0.133 χ^2 /NDF:649.2/33

Out: 2.369 $\pm$ 0.131 χ^2 /NDF:608.5/36

All: 2.242 $\pm$ 0.093 χ^2 /NDF: 1259.6/70

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 7.795+/-0.223 χ^2/NDF : 1212.7/19

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 7.905+/-0.230 χ^2/NDF : 971.1/17

Left: 7.849+/-0.160 χ^2/NDF : 2183.9/37

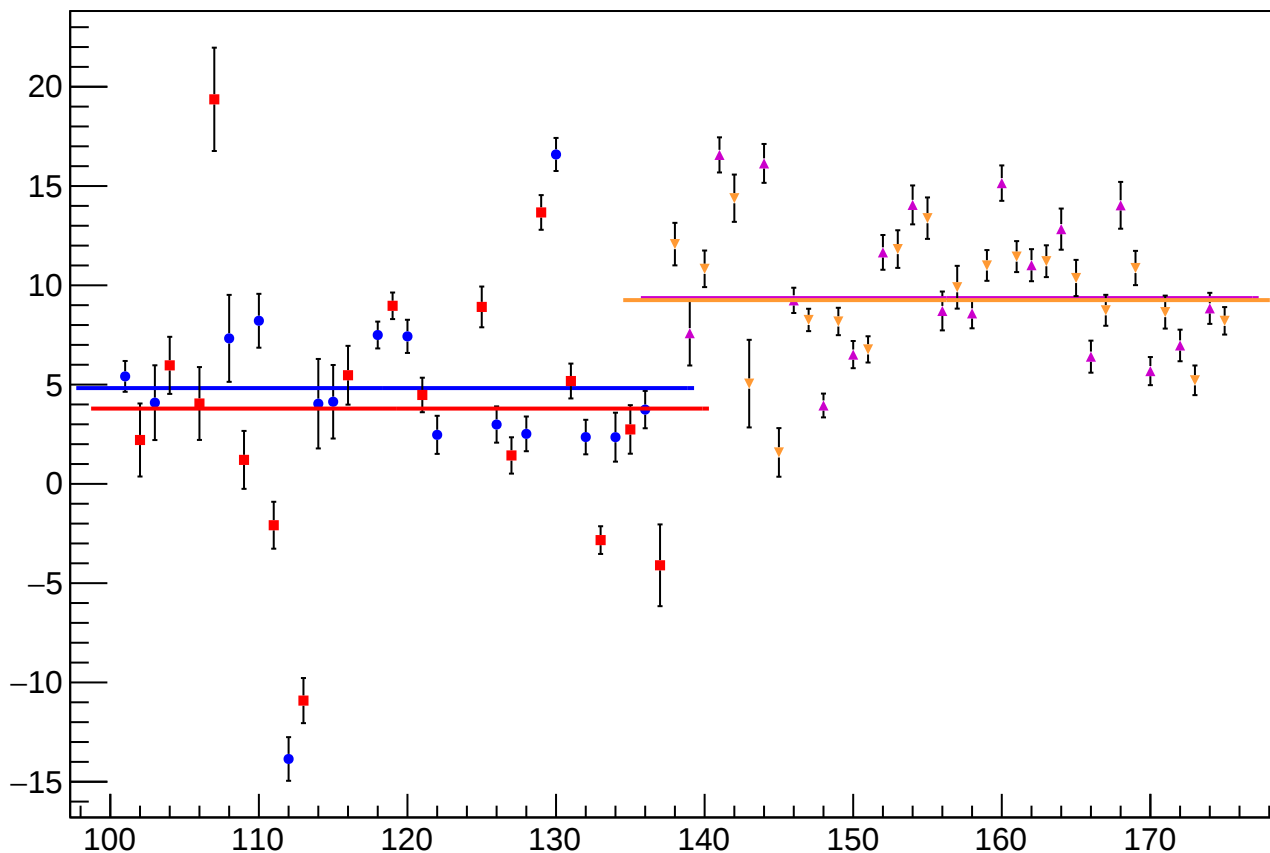
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 12.912+/-0.201 χ^2/NDF : 4509.5/33

Out: 13.233+/-0.197 χ^2/NDF : 5597.5/36

All: 13.076+/-0.141 χ^2/NDF : 10108.4/70

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.255 $\pm$ 0.187 χ^2 /NDF:170.8/19

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.357 $\pm$ 0.195 χ^2 /NDF:368.7/17

Left: 9.304 $\pm$ 0.135 χ^2 /NDF: 539.7/37

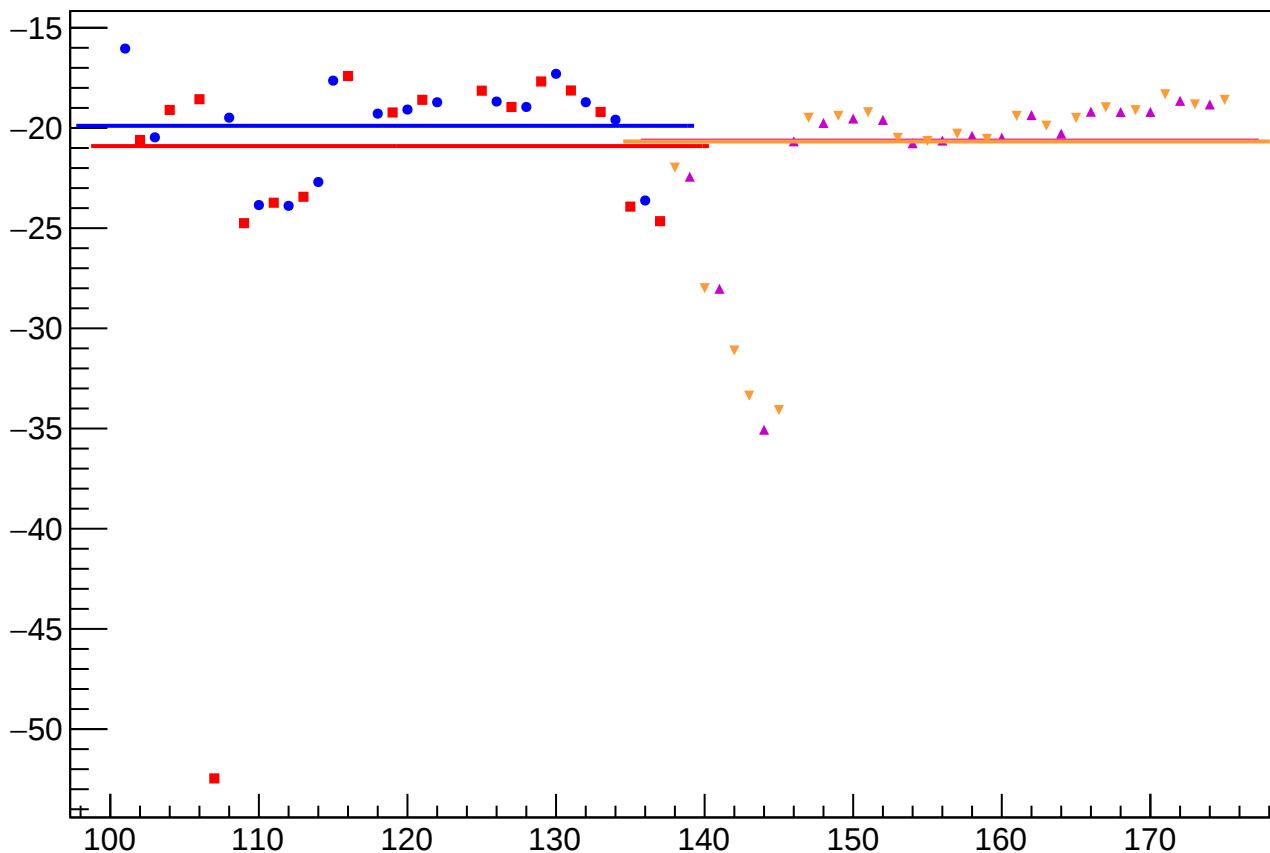
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.662 $\pm$ 0.154 χ^2 /NDF:1124.7/33

Out: 7.377 $\pm$ 0.152 χ^2 /NDF:1026.4/36

All: 7.518 $\pm$ 0.108 χ^2 /NDF: 2152.9/70

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.673 ± 0.009 $\chi^2/\text{NDF}: 157232.9/19$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -20.631 ± 0.009 $\chi^2/\text{NDF}: 115079.5/17$

Left: -20.652 ± 0.006 $\chi^2/\text{NDF}: 272323.6/37$

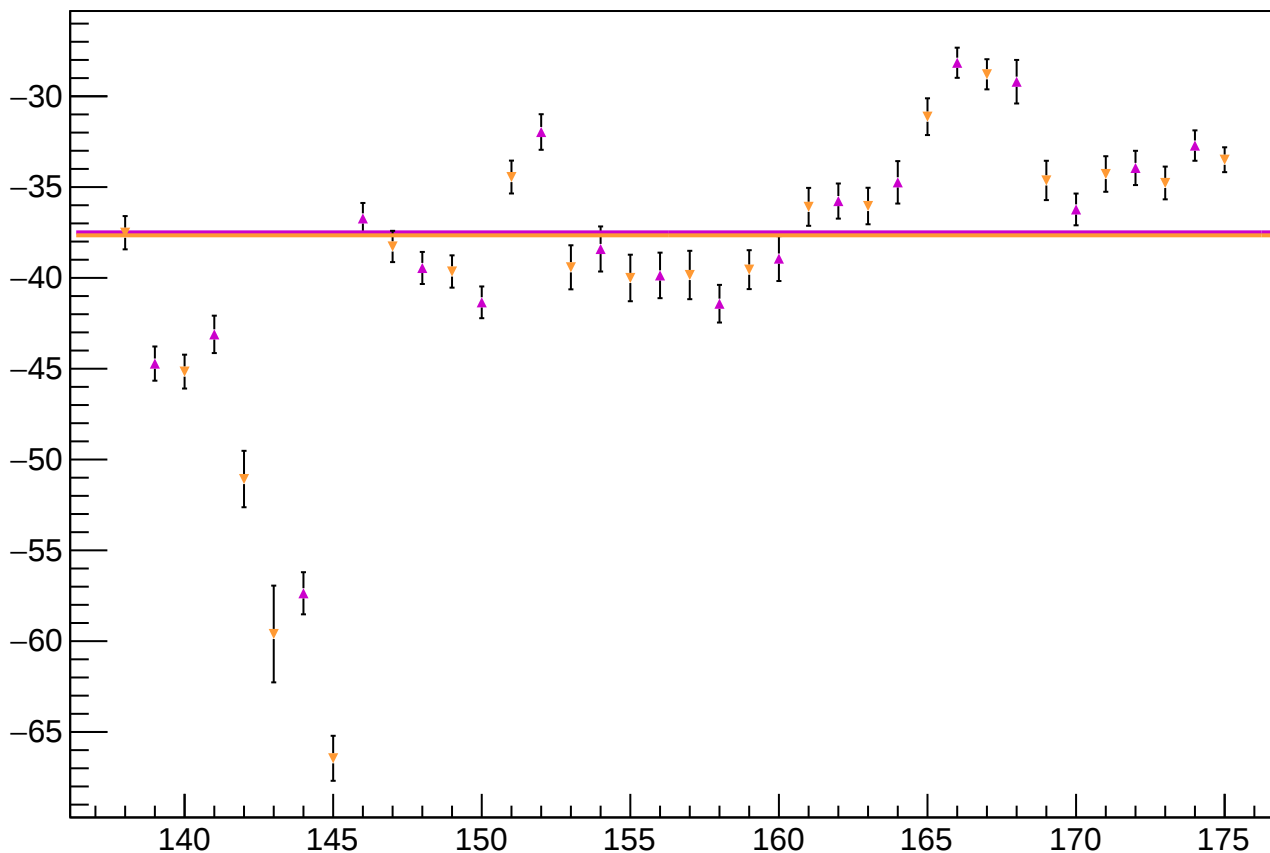
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -20.447 ± 0.008 $\chi^2/\text{NDF}: 142860.1/33$

Out: -20.729 ± 0.008 $\chi^2/\text{NDF}: 250197.8/36$

All: -20.589 ± 0.005 $\chi^2/\text{NDF}: 393716.7/70$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -37.656 $\pm$ 0.225 χ^2/NDF :1004.5/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -37.493 $\pm$ 0.232 χ^2/NDF :690.9/17

Left: -37.577 $\pm$ 0.162 χ^2/NDF : 1695.7/37

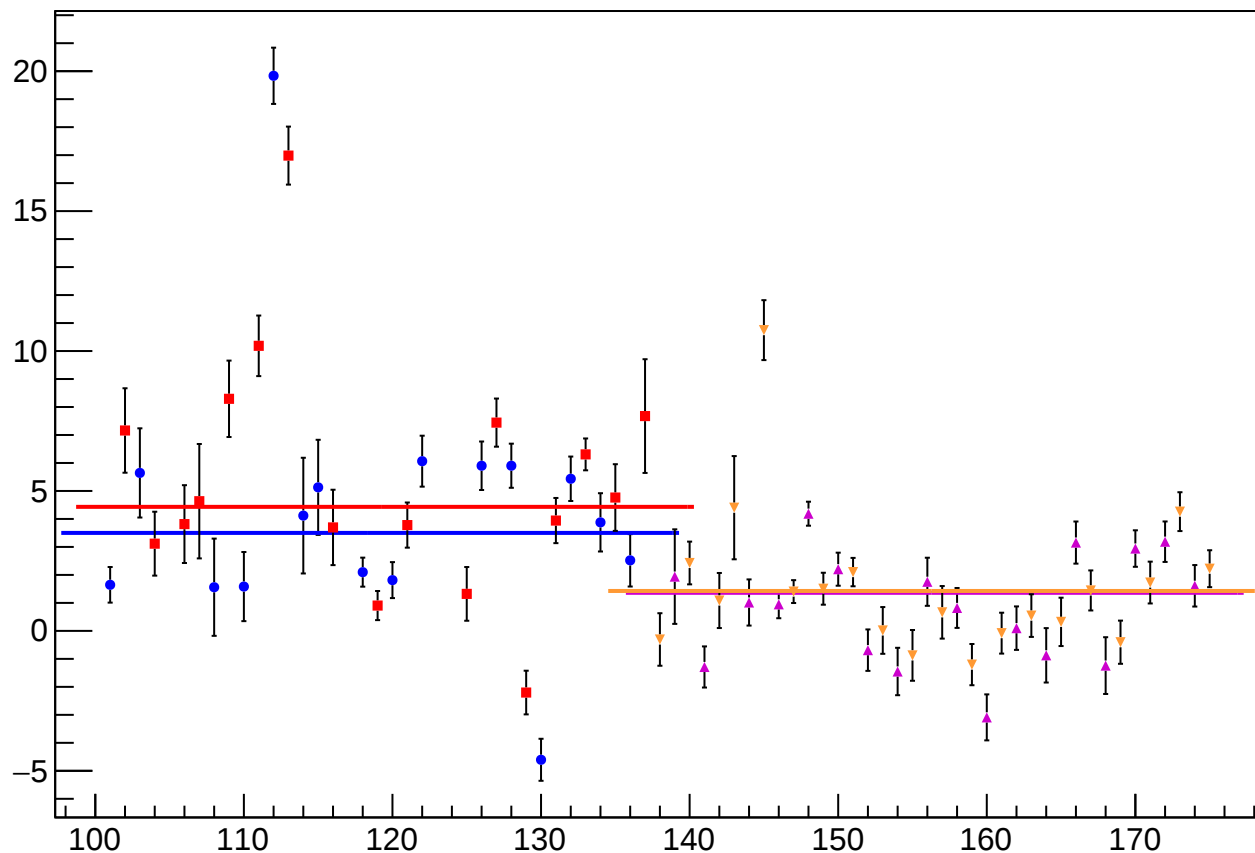
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -37.493 $\pm$ 0.232 χ^2/NDF :690.9/17

Out: -37.656 $\pm$ 0.225 χ^2/NDF :1004.5/19

All: -37.577 $\pm$ 0.162 χ^2/NDF : 1695.7/37

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501+/-0.218 χ^2/NDF : 441.9/15

Left Out: 1.427+/-0.161 χ^2/NDF :139.3/19

Right Out: 4.432+/-0.225 χ^2/NDF : 343.6/16

Left In: 1.360+/-0.168 χ^2/NDF :140.9/17

Left: 1.395+/-0.116 χ^2/NDF : 280.3/37

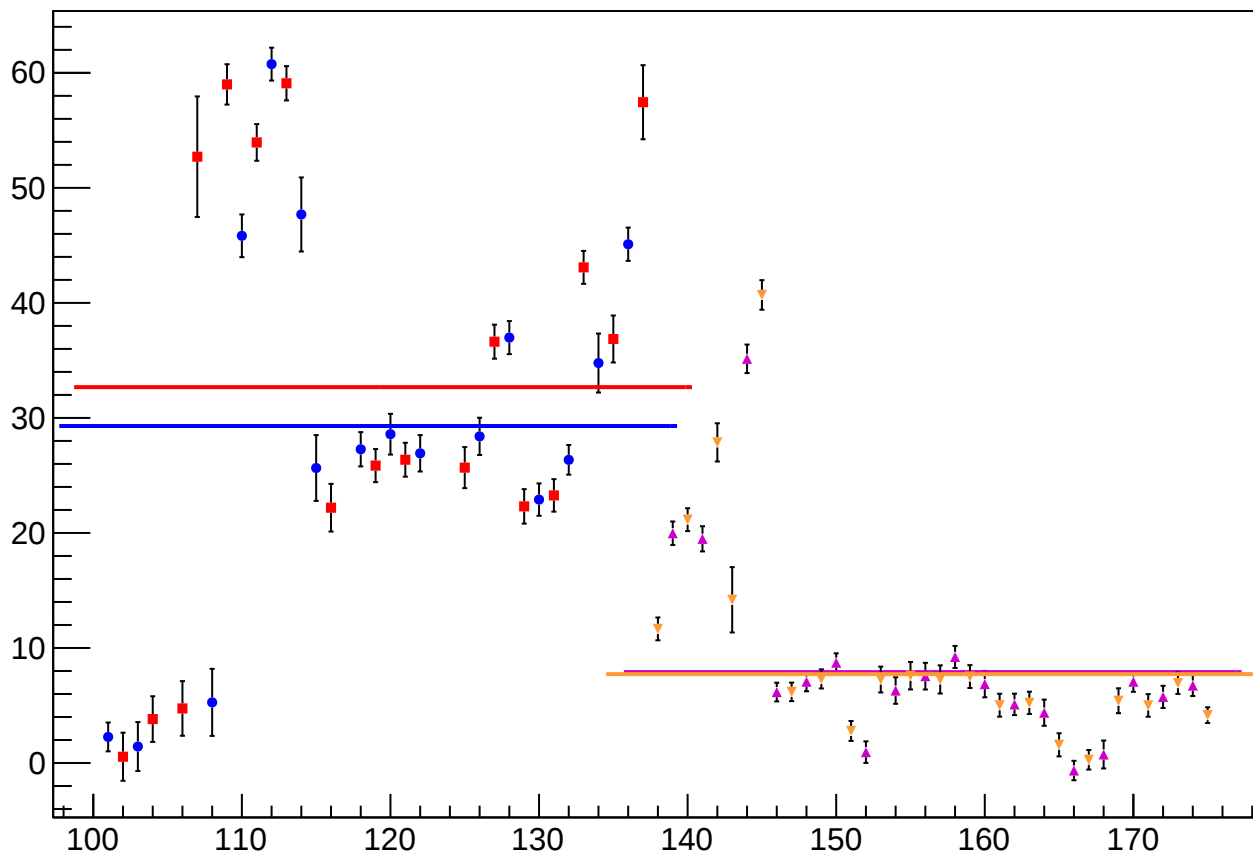
Right: 3.951+/-0.156 χ^2/NDF : 794.3/32

In: 2.158+/-0.133 χ^2/NDF :643.5/33

Out: 2.447+/-0.131 χ^2/NDF :600.6/36

All: 2.304+/-0.093 χ^2/NDF : 1246.5/70

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2/NDF : 1485.2/15

Left Out: 7.727 $\pm$ 0.222 χ^2/NDF : 1213.6/19

Right Out: 32.679 $\pm$ 0.423 χ^2/NDF : 1614.8/16

Left In: 7.903 $\pm$ 0.229 χ^2/NDF : 964.2/17

Left: 7.812 $\pm$ 0.160 χ^2/NDF : 2178.1/37

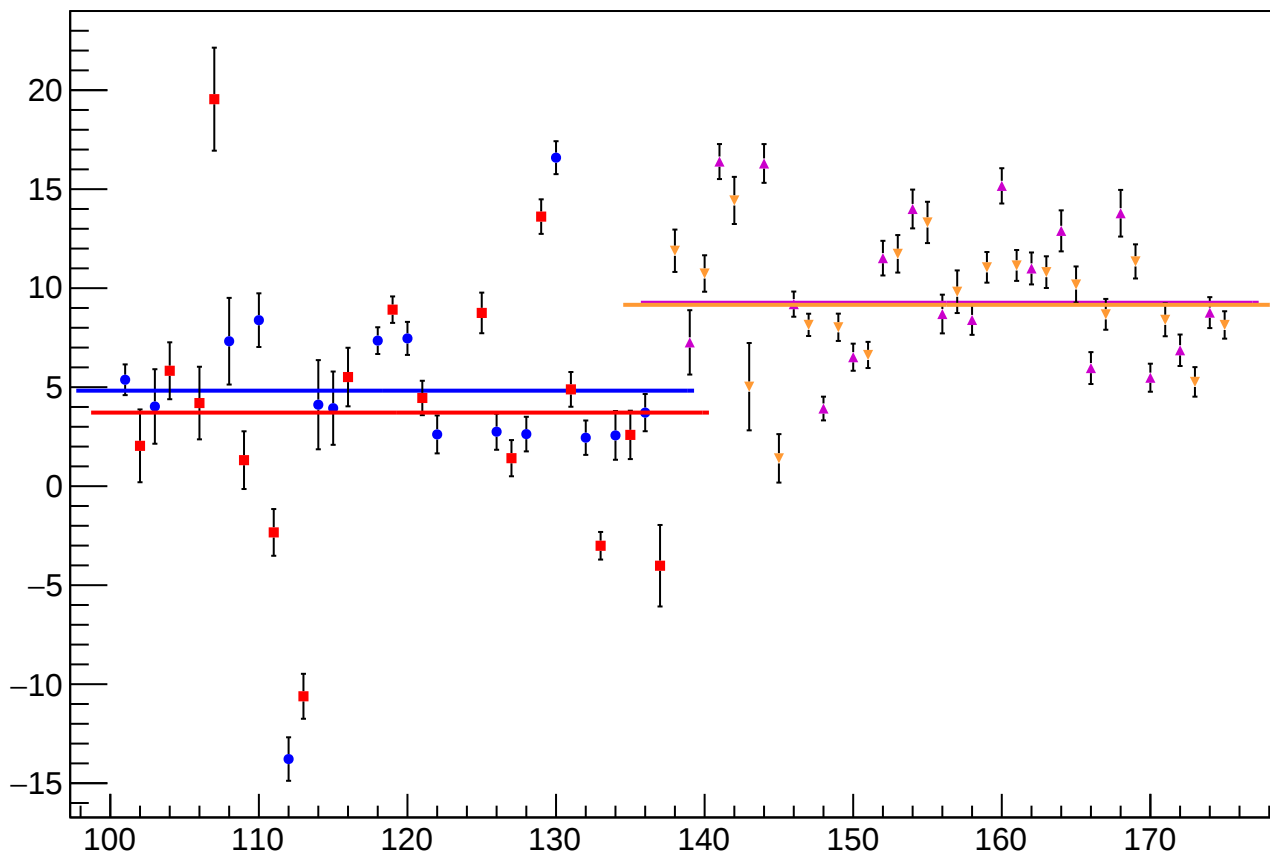
Right: 30.964 $\pm$ 0.297 χ^2/NDF : 3132.4/32

In: 12.872 $\pm$ 0.201 χ^2/NDF : 4467.9/33

Out: 13.126 $\pm$ 0.197 χ^2/NDF : 5552.5/36

All: 13.002 $\pm$ 0.141 χ^2/NDF : 10021.3/70

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 9.159 $\pm$ 0.187 χ^2 /NDF:172.1/19

Right Out: 3.716 $\pm$ 0.259 χ^2 /NDF: 559.9/16

Left In: 9.264 $\pm$ 0.194 χ^2 /NDF:375.9/17

Left: 9.210 $\pm$ 0.135 χ^2 /NDF: 548.2/37

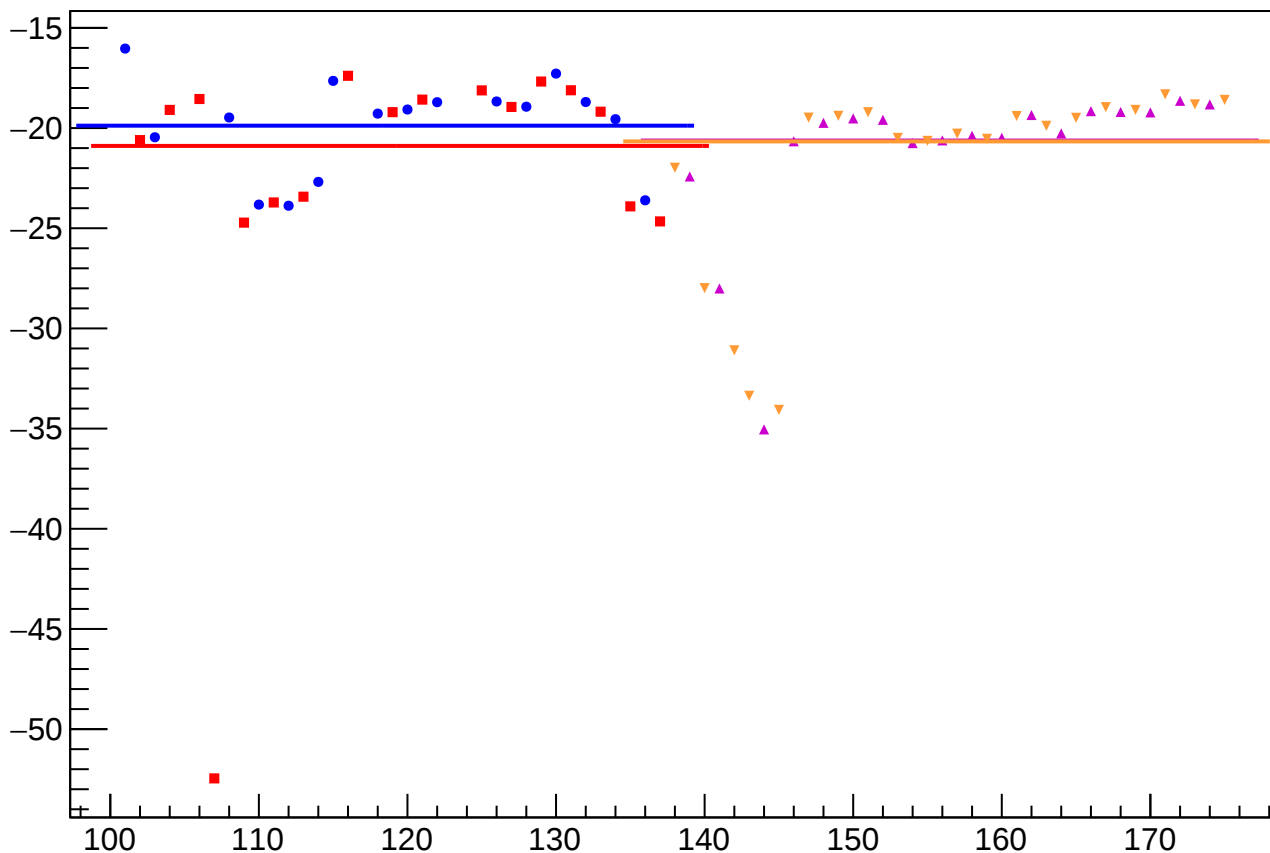
Right: 4.286 $\pm$ 0.180 χ^2 /NDF: 1118.6/32

In: 7.604 $\pm$ 0.154 χ^2 /NDF:1120.3/33

Out: 7.288 $\pm$ 0.152 χ^2 /NDF:1022.4/36

All: 7.443 $\pm$ 0.108 χ^2 /NDF: 2144.8/70

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$

Left Out: -20.666 ± 0.009 $\chi^2/\text{NDF}: 157337.0/19$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -20.623 ± 0.009 $\chi^2/\text{NDF}: 114970.3/17$

Left: -20.644 ± 0.006 $\chi^2/\text{NDF}: 272318.9/37$

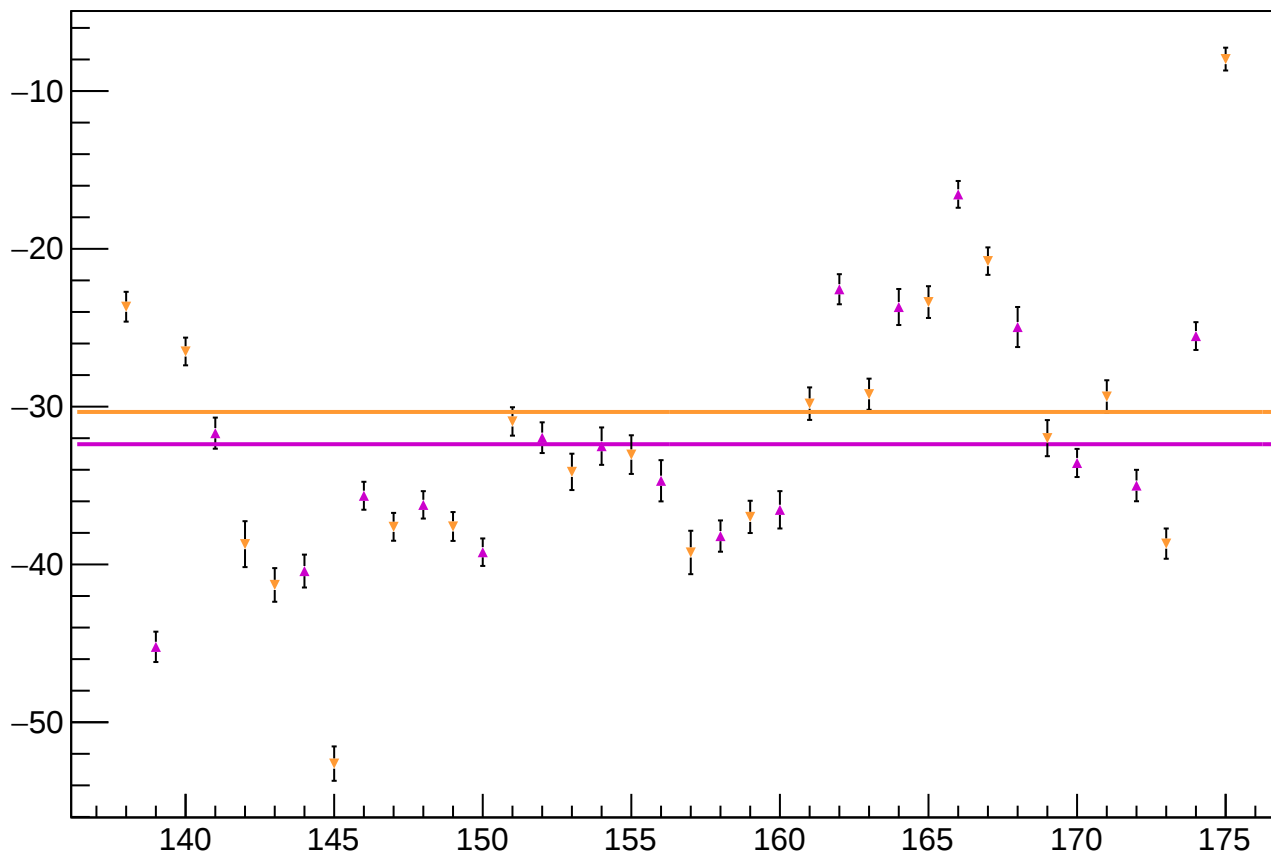
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -20.438 ± 0.008 $\chi^2/\text{NDF}: 142758.6/33$

Out: -20.720 ± 0.008 $\chi^2/\text{NDF}: 250405.5/36$

All: -20.580 ± 0.005 $\chi^2/\text{NDF}: 393825.4/70$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.336+/-0.222 χ^2/NDF :2061.9/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.381+/-0.233 χ^2/NDF :998.8/17

Left: -31.313+/-0.161 χ^2/NDF : 3101.0/37

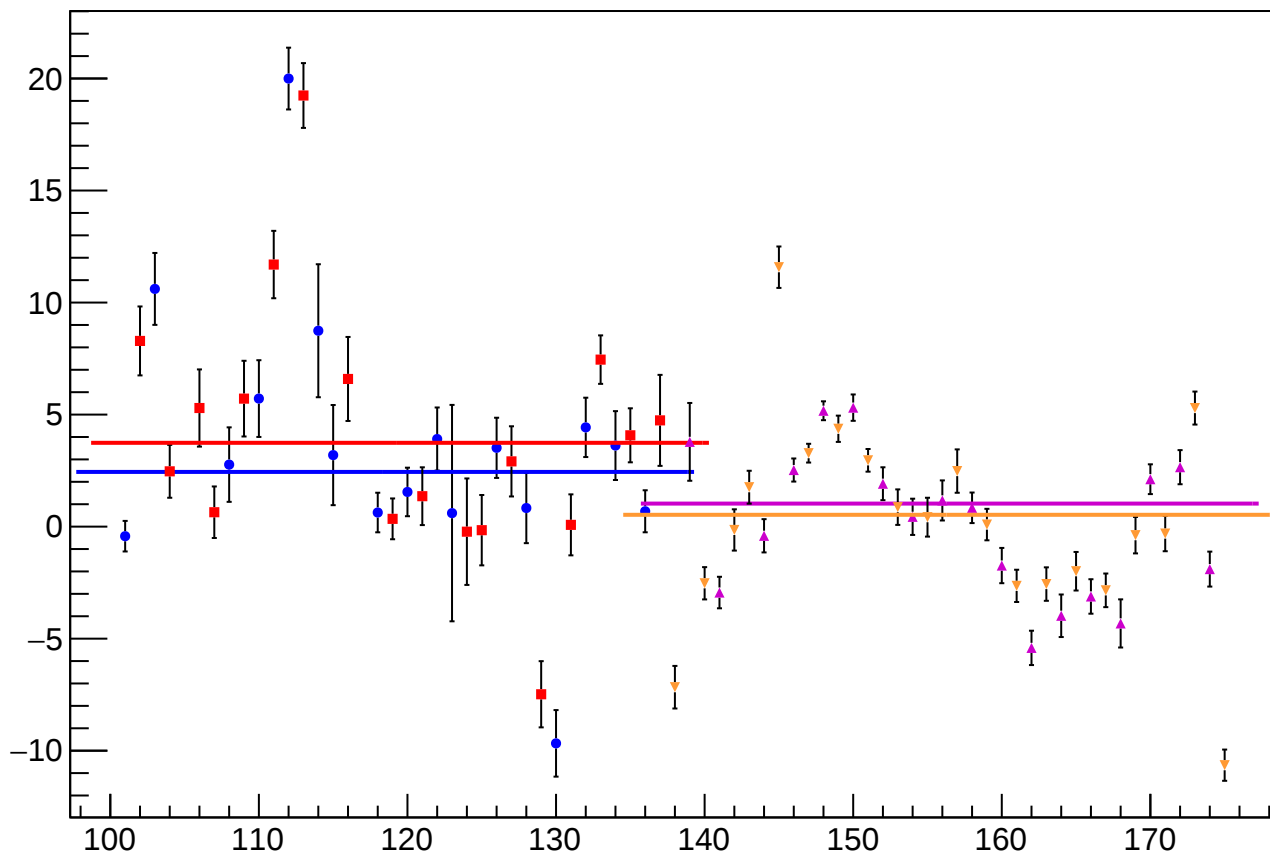
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.381+/-0.233 χ^2/NDF :998.8/17

Out: -30.336+/-0.222 χ^2/NDF :2061.9/19

All: -31.313+/-0.161 χ^2/NDF : 3101.0/37

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: 0.528 ± 0.159 $\chi^2/\text{NDF}: 710.4/19$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: 1.028 ± 0.167 $\chi^2/\text{NDF}: 384.4/17$

Left: 0.765 ± 0.115 $\chi^2/\text{NDF}: 1099.5/37$

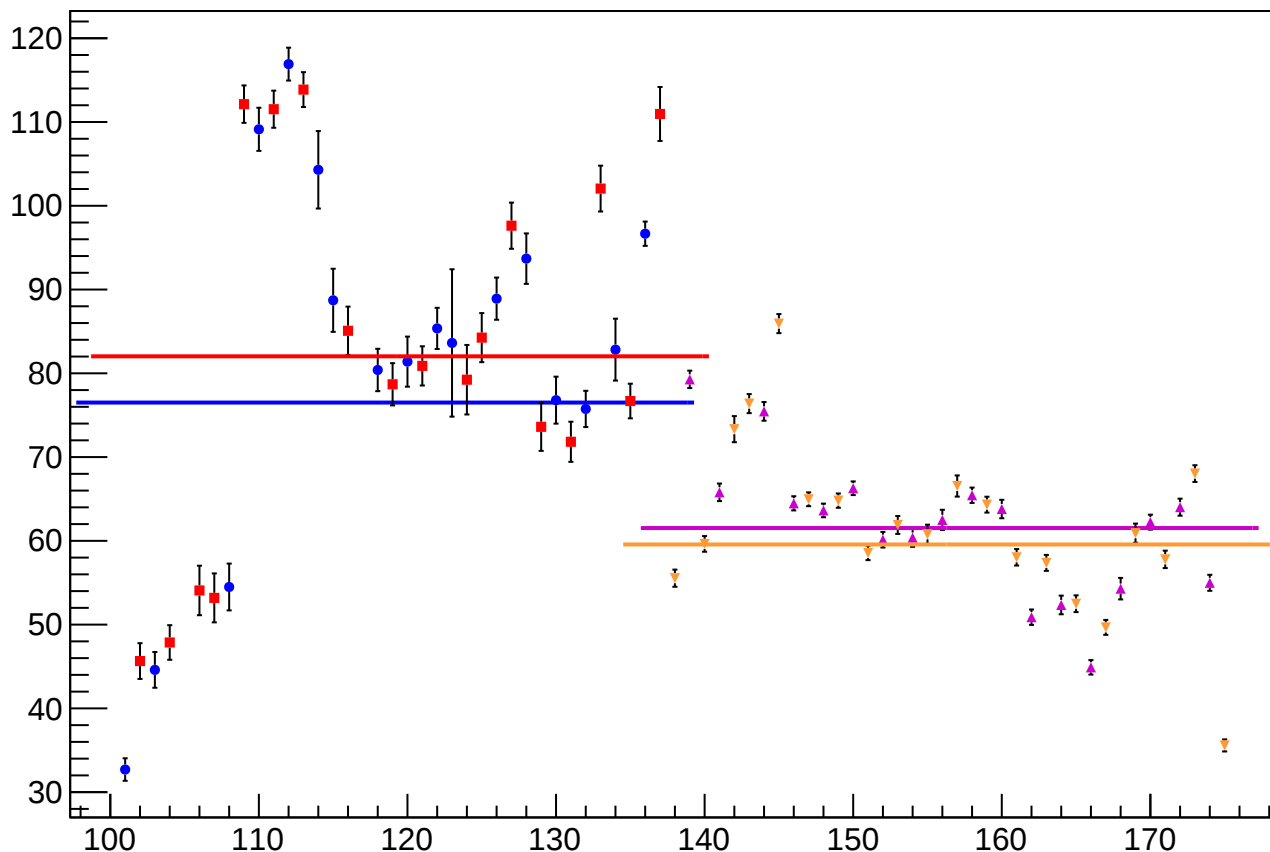
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: 1.344 ± 0.147 $\chi^2/\text{NDF}: 695.1/34$

Out: 1.142 ± 0.143 $\chi^2/\text{NDF}: 1056.8/37$

All: 1.240 ± 0.102 $\chi^2/\text{NDF}: 1752.8/72$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2/NDF : 2250.9/16

Left Out: 59.567 $\pm$ 0.220 χ^2/NDF :2353.2/19

Right Out: 82.029 $\pm$ 0.593 χ^2/NDF : 1548.0/17

Left In: 61.530 $\pm$ 0.230 χ^2/NDF :1200.5/17

Left: 60.507 $\pm$ 0.159 χ^2/NDF : 3591.8/37

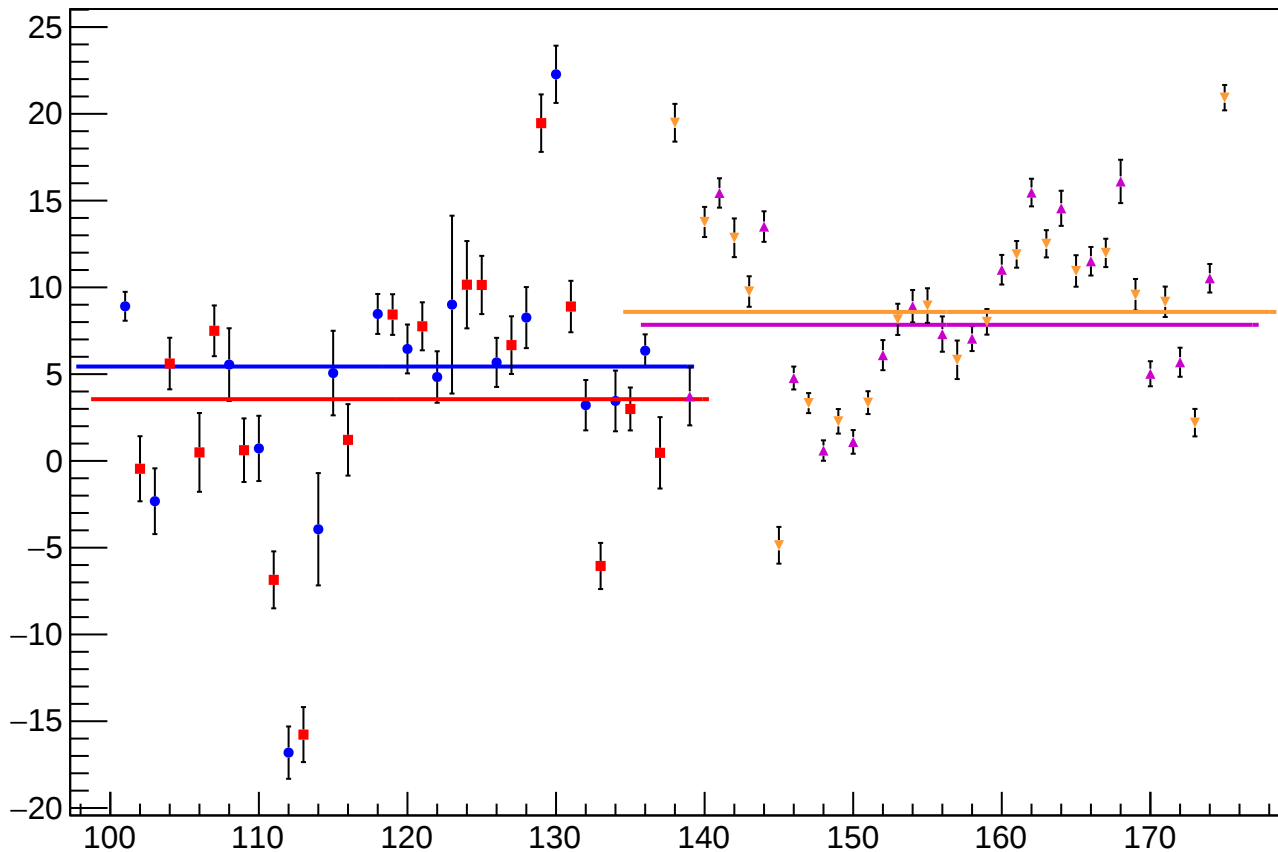
Right: 79.182 $\pm$ 0.412 χ^2/NDF : 3843.6/34

In: 63.593 $\pm$ 0.213 χ^2/NDF :4038.3/34

Out: 62.291 $\pm$ 0.206 χ^2/NDF :5163.6/37

All: 62.921 $\pm$ 0.148 χ^2/NDF : 9221.2/72

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 8.232 $\pm$ 0.134 χ^2/NDF : 1624.8/37

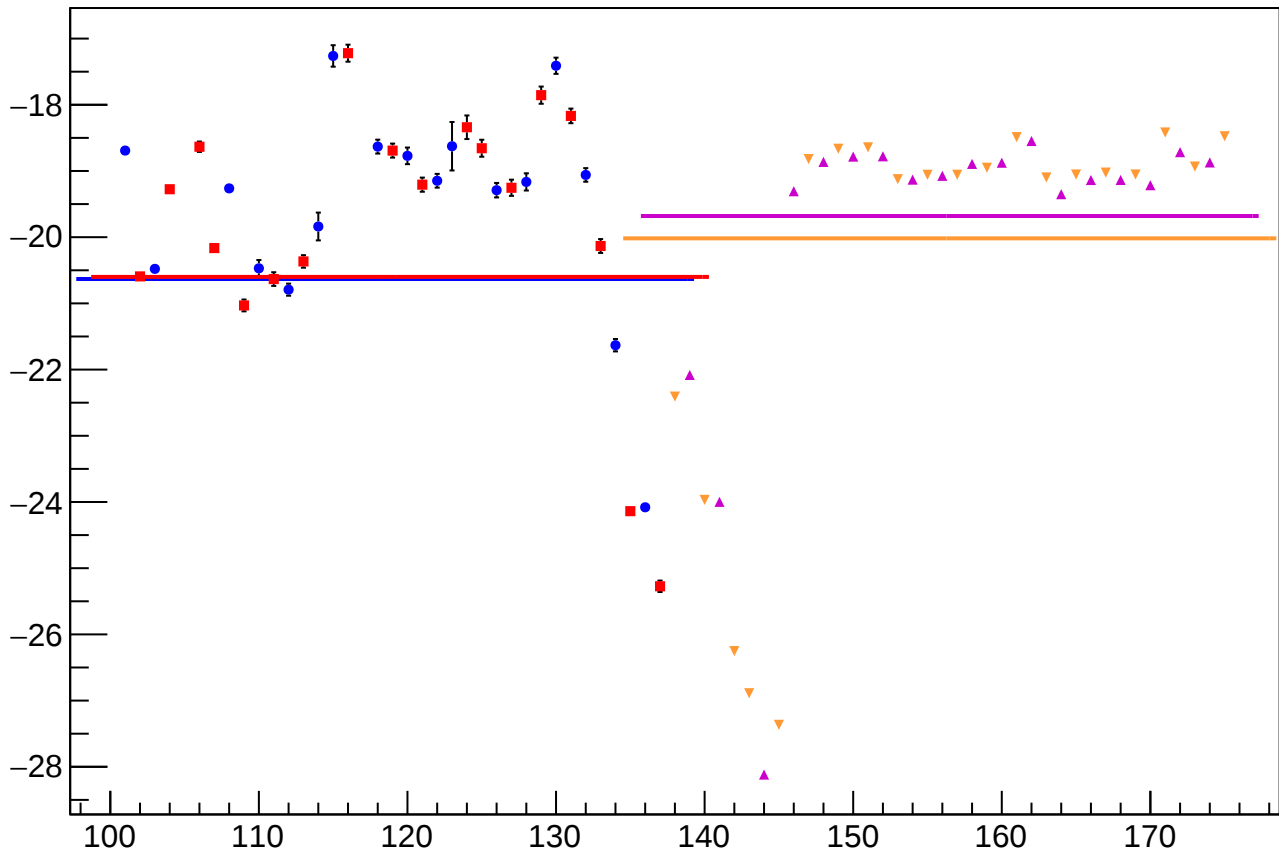
Right: 4.542 $\pm$ 0.259 χ^2/NDF : 819.9/34

In: 7.297 $\pm$ 0.170 χ^2/NDF : 1072.2/34

Out: 7.606 $\pm$ 0.166 χ^2/NDF : 1531.2/37

All: 7.456 $\pm$ 0.119 χ^2/NDF : 2605.1/72

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.018 ± 0.009 $\chi^2/\text{NDF}: 87132.7/19$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.680 ± 0.009 $\chi^2/\text{NDF}: 50689.5/17$

Left: -19.852 ± 0.006 $\chi^2/\text{NDF}: 138543.3/37$

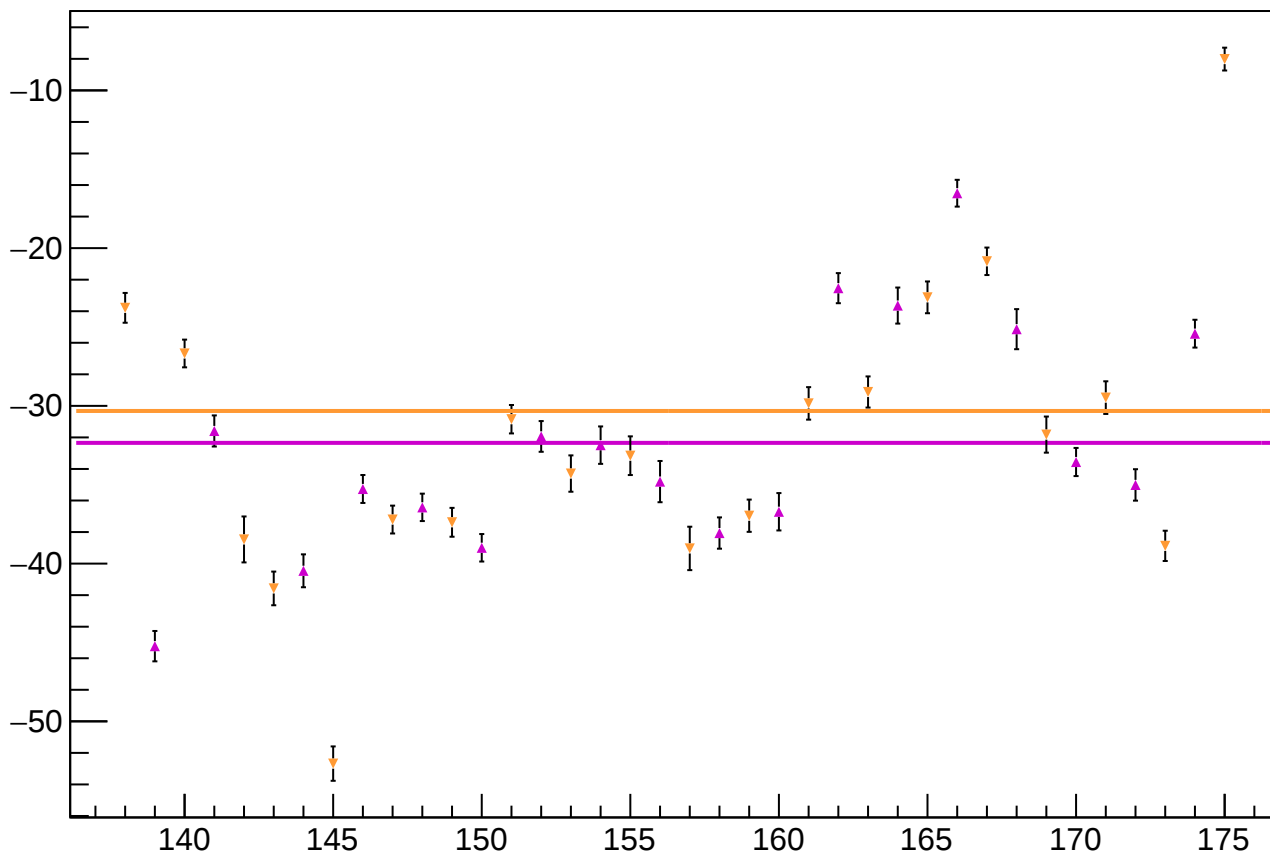
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.849 ± 0.008 $\chi^2/\text{NDF}: 65189.1/34$

Out: -20.116 ± 0.008 $\chi^2/\text{NDF}: 99850.5/37$

All: -19.985 ± 0.006 $\chi^2/\text{NDF}: 165586.2/72$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.323+/-0.223 χ^2/NDF :2052.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.345+/-0.233 χ^2/NDF :995.8/17

Left: -31.289+/-0.161 χ^2/NDF : 3087.2/37

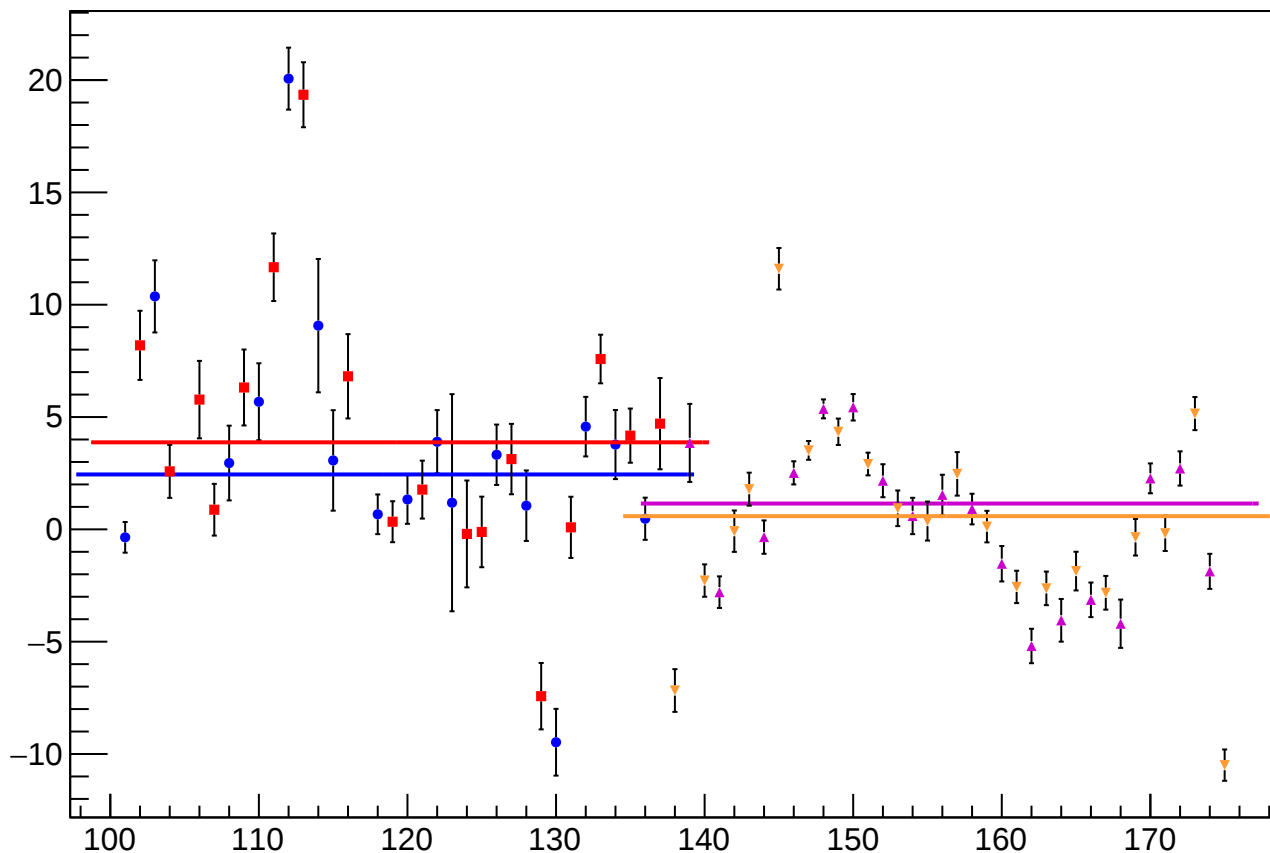
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.345+/-0.233 χ^2/NDF :995.8/17

Out: -30.323+/-0.223 χ^2/NDF :2052.0/19

All: -31.289+/-0.161 χ^2/NDF : 3087.2/37

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: 0.588 ± 0.159 χ^2/NDF : 702.7/19

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 1.149 ± 0.167 χ^2/NDF : 388.3/17

Left: 0.854 ± 0.115 χ^2/NDF : 1096.9/37

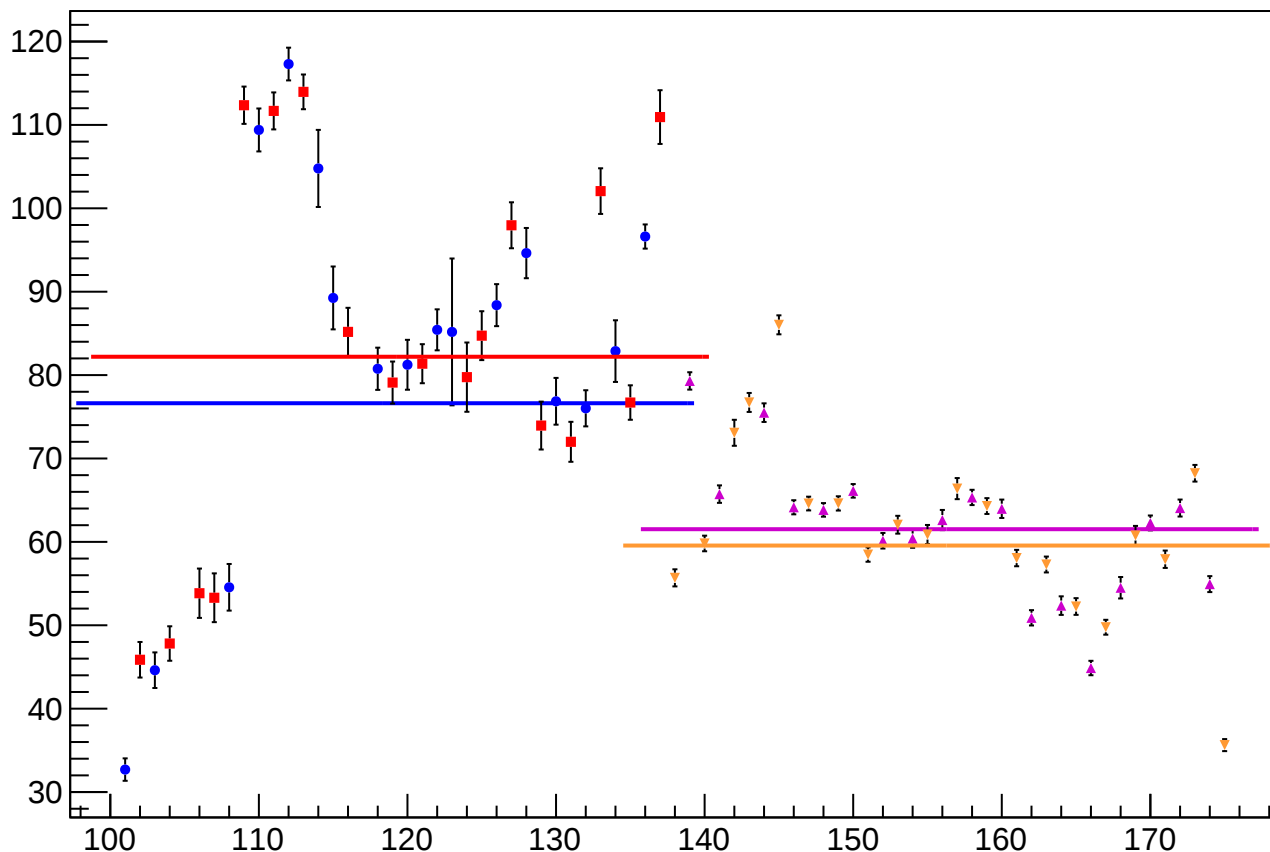
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 1.438 ± 0.147 χ^2/NDF : 694.4/34

Out: 1.216 ± 0.143 χ^2/NDF : 1052.7/37

All: 1.324 ± 0.103 χ^2/NDF : 1748.3/72

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 59.560 $\pm$ 0.220 χ^2 /NDF:2350.4/19

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 61.521 $\pm$ 0.230 χ^2 /NDF:1196.3/17

Left: 60.500 $\pm$ 0.159 χ^2 /NDF: 3584.7/37

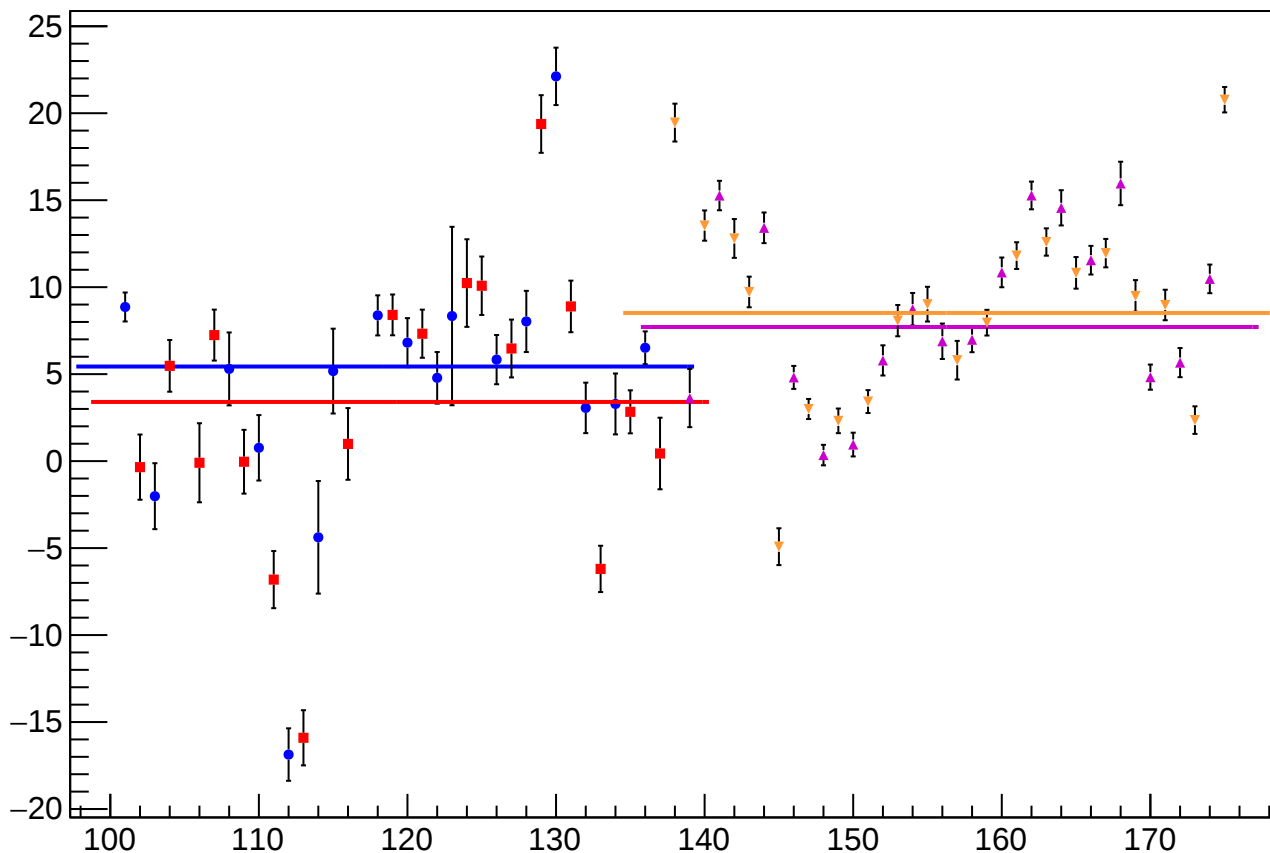
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 63.603 $\pm$ 0.213 χ^2 /NDF:4055.2/34

Out: 62.306 $\pm$ 0.206 χ^2 /NDF:5181.8/37

All: 62.933 $\pm$ 0.148 χ^2 /NDF: 9256.1/72

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 8.517 ± 0.185 $\chi^2/\text{NDF}: 959.6/19$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 7.710 ± 0.194 $\chi^2/\text{NDF}: 656.6/17$

Left: 8.134 ± 0.134 $\chi^2/\text{NDF}: 1625.2/37$

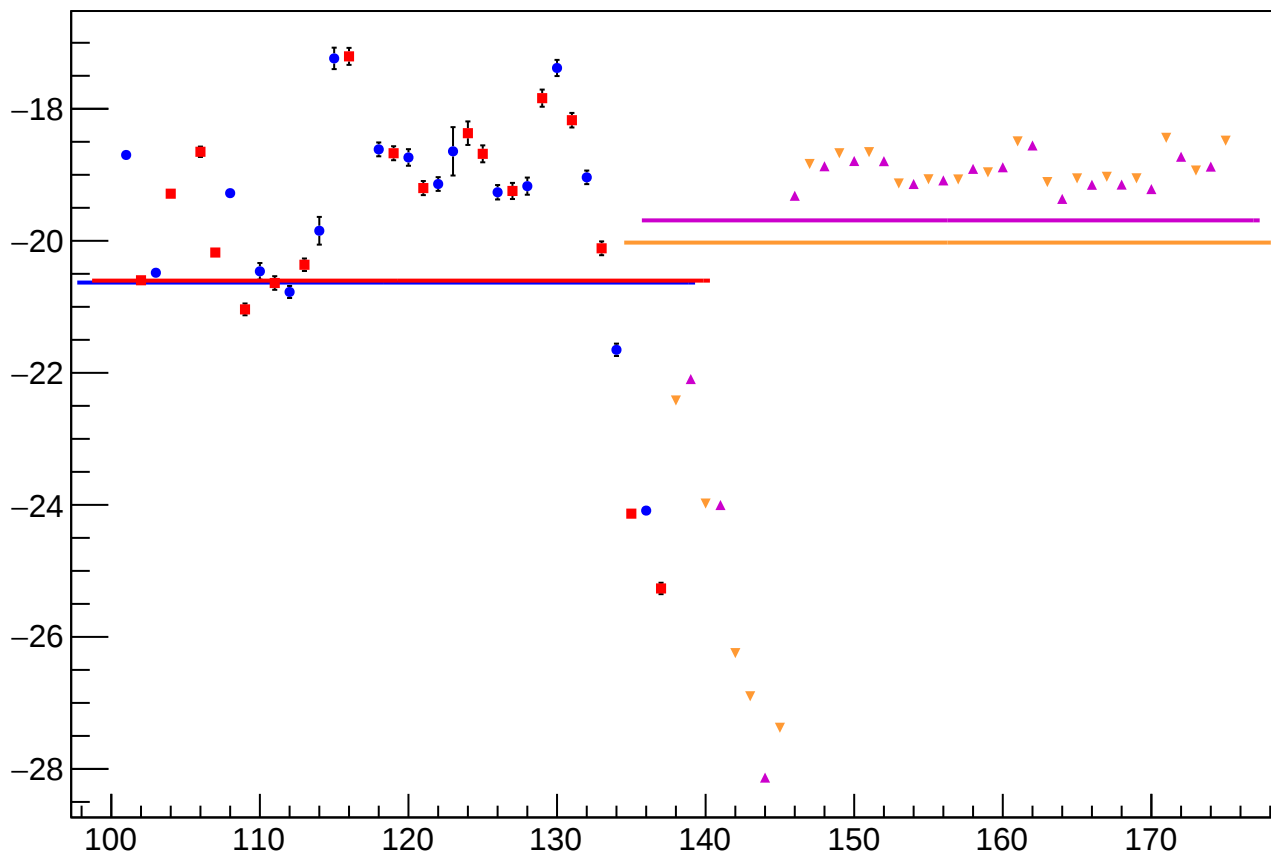
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 7.194 ± 0.171 $\chi^2/\text{NDF}: 1072.2/34$

Out: 7.521 ± 0.166 $\chi^2/\text{NDF}: 1530.0/37$

All: 7.362 ± 0.119 $\chi^2/\text{NDF}: 2604.1/72$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.027 ± 0.009 $\chi^2/\text{NDF}: 86996.8/19$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.690 ± 0.009 $\chi^2/\text{NDF}: 50632.3/17$

Left: -19.862 ± 0.006 $\chi^2/\text{NDF}: 138345.6/37$

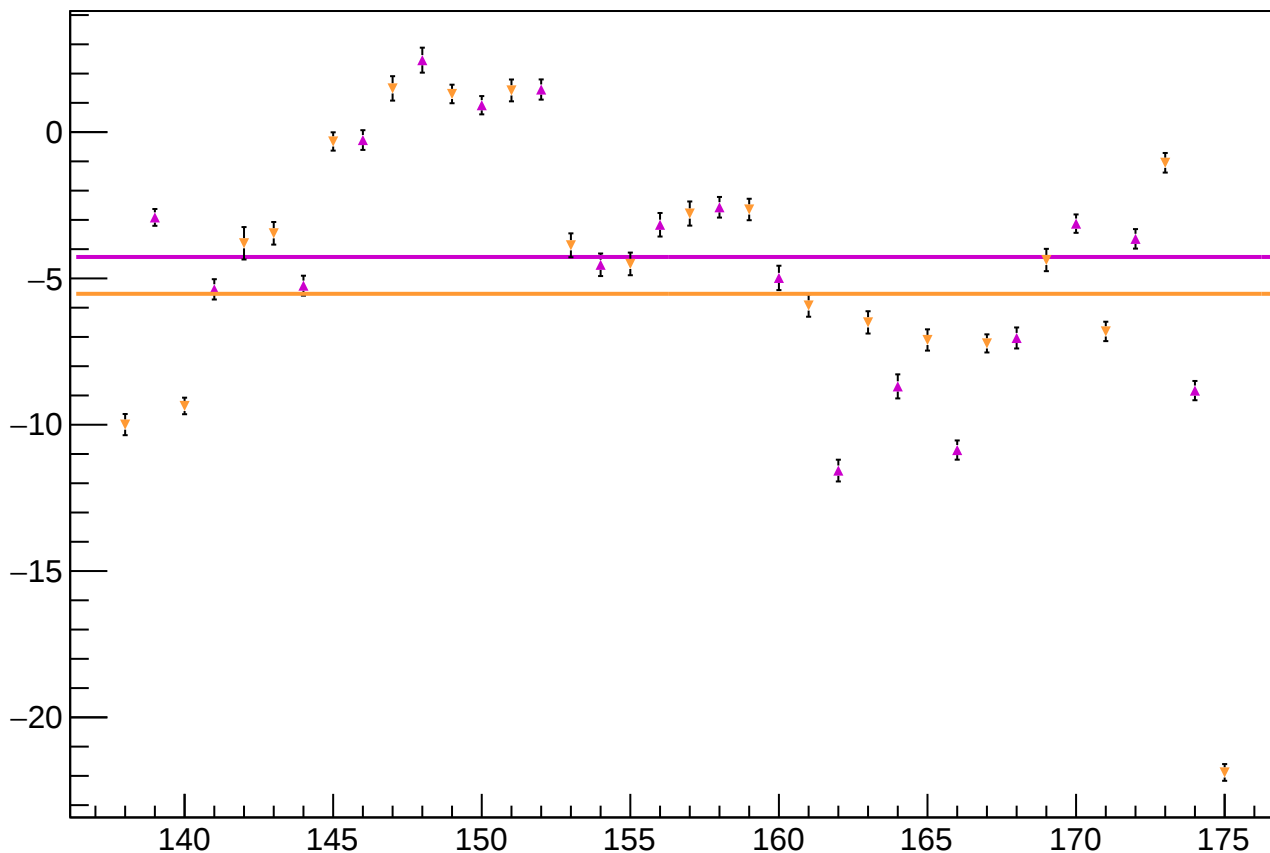
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.858 ± 0.008 $\chi^2/\text{NDF}: 65133.0/34$

Out: -20.125 ± 0.008 $\chi^2/\text{NDF}: 99649.8/37$

All: -19.993 ± 0.006 $\chi^2/\text{NDF}: 165327.3/72$

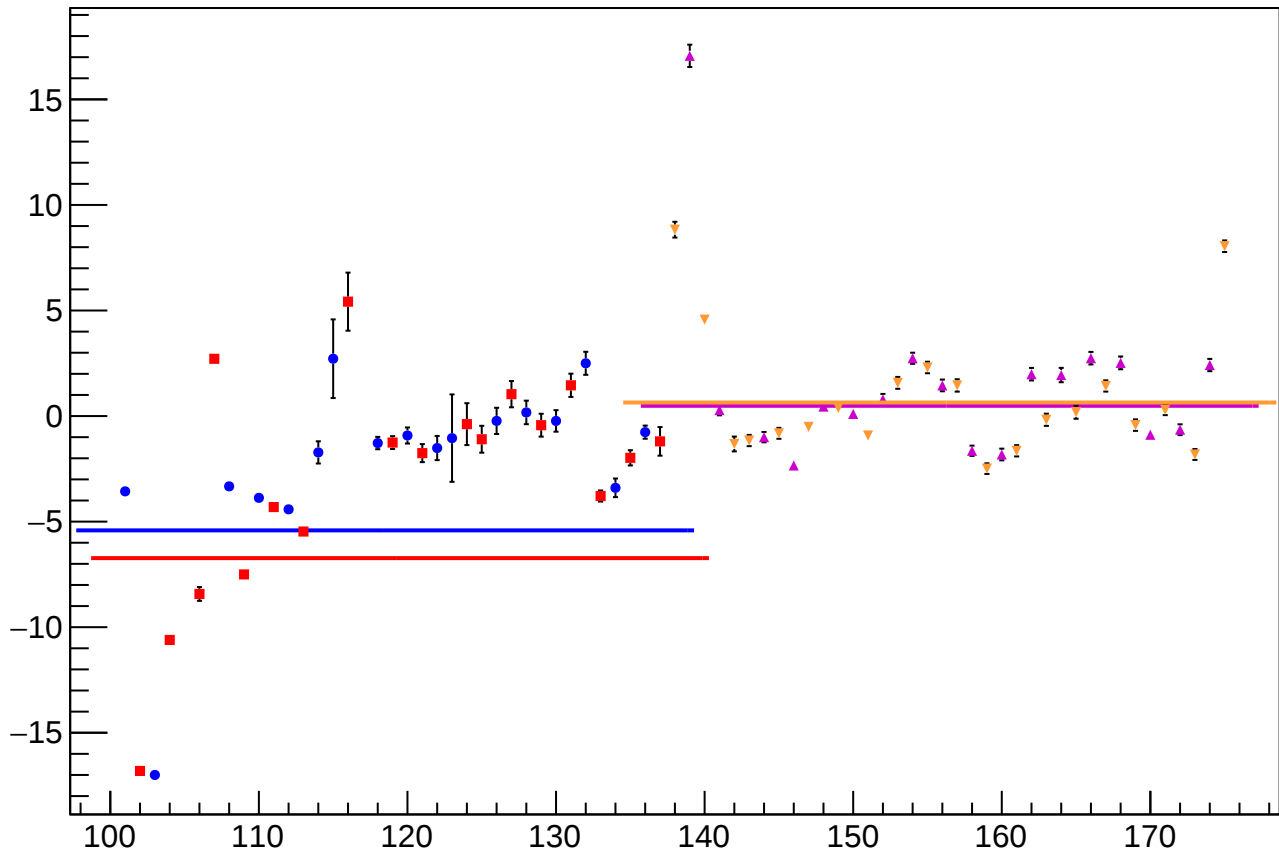
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -5.526 $\pm$ 0.080 χ^2 /NDF:5410.0/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.267 $\pm$ 0.082 χ^2 /NDF:2187.0/17

Left: -4.919 $\pm$ 0.057 χ^2 /NDF: 7717.8/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -4.267 $\pm$ 0.082 χ^2 /NDF:2187.0/17
 Out: -5.526 $\pm$ 0.080 χ^2 /NDF:5410.0/19
 All: -4.919 $\pm$ 0.057 χ^2 /NDF: 7717.8/37

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.642 ± 0.059 χ^2/NDF : 2083.8/19

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.487 ± 0.062 χ^2/NDF : 1674.7/17

Left: 0.569 ± 0.042 χ^2/NDF : 3761.8/37

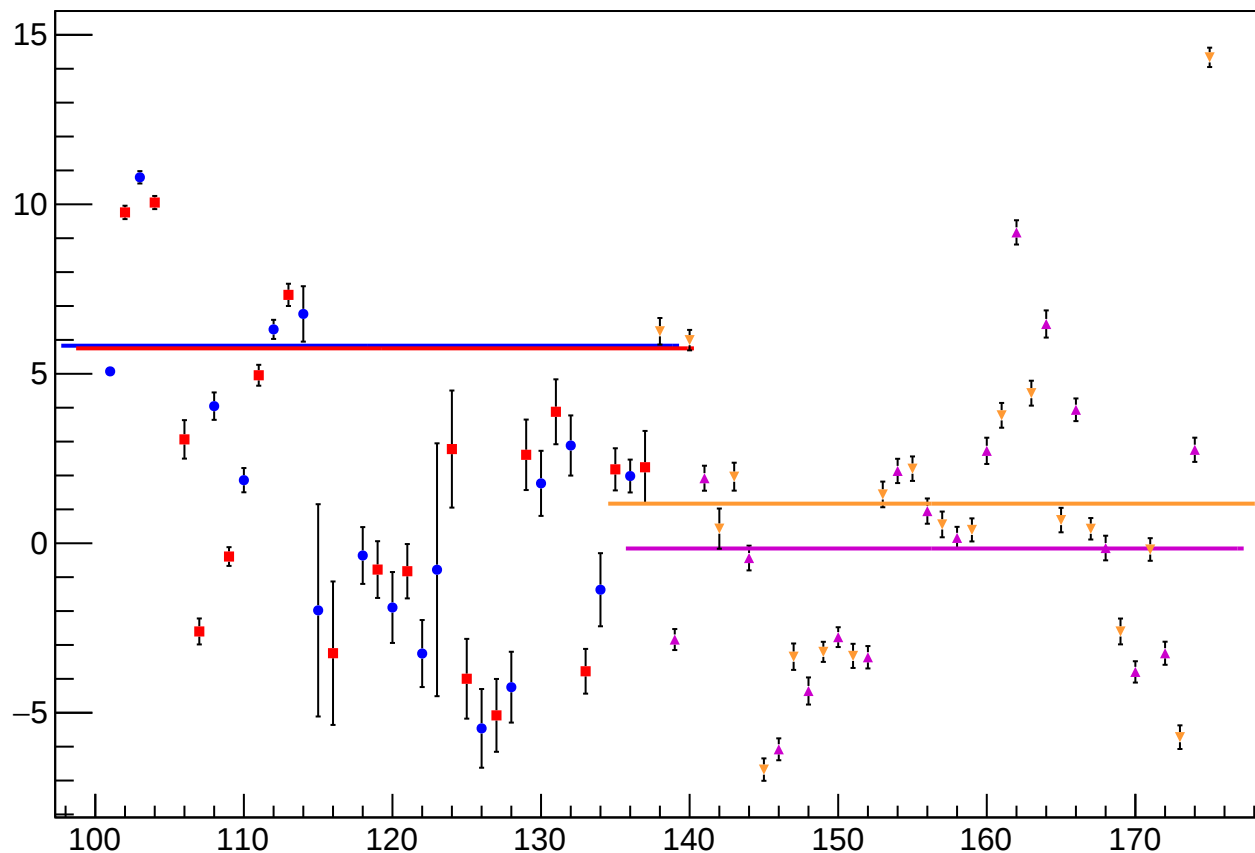
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -2.815 ± 0.041 χ^2/NDF : 16047.5/34

Out: -2.962 ± 0.042 χ^2/NDF : 21060.4/37

All: -2.887 ± 0.029 χ^2/NDF : 37114.2/72

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: 1.169 ± 0.079 χ^2/NDF : 4286.2/19

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -0.154 ± 0.082 χ^2/NDF : 2218.3/17

Left: 0.529 ± 0.057 χ^2/NDF : 6640.2/37

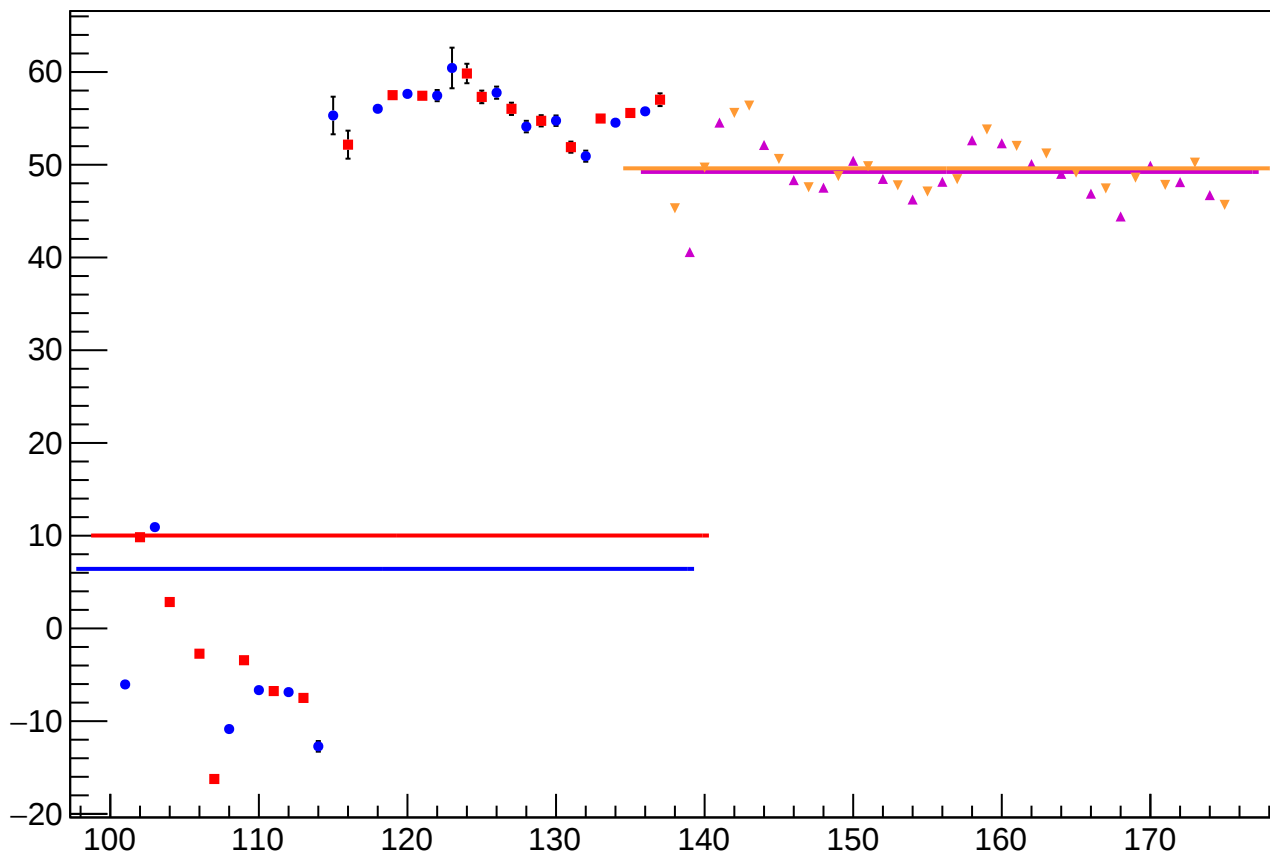
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.558 ± 0.060 χ^2/NDF : 6103.2/34

Out: 3.013 ± 0.061 χ^2/NDF : 8151.6/37

All: 2.783 ± 0.043 χ^2/NDF : 14282.9/72

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: 49.614 ± 0.067 χ^2/NDF : 1584.0/19

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.227 ± 0.070 χ^2/NDF : 1506.6/17

Left: 49.429 ± 0.049 χ^2/NDF : 3106.5/37

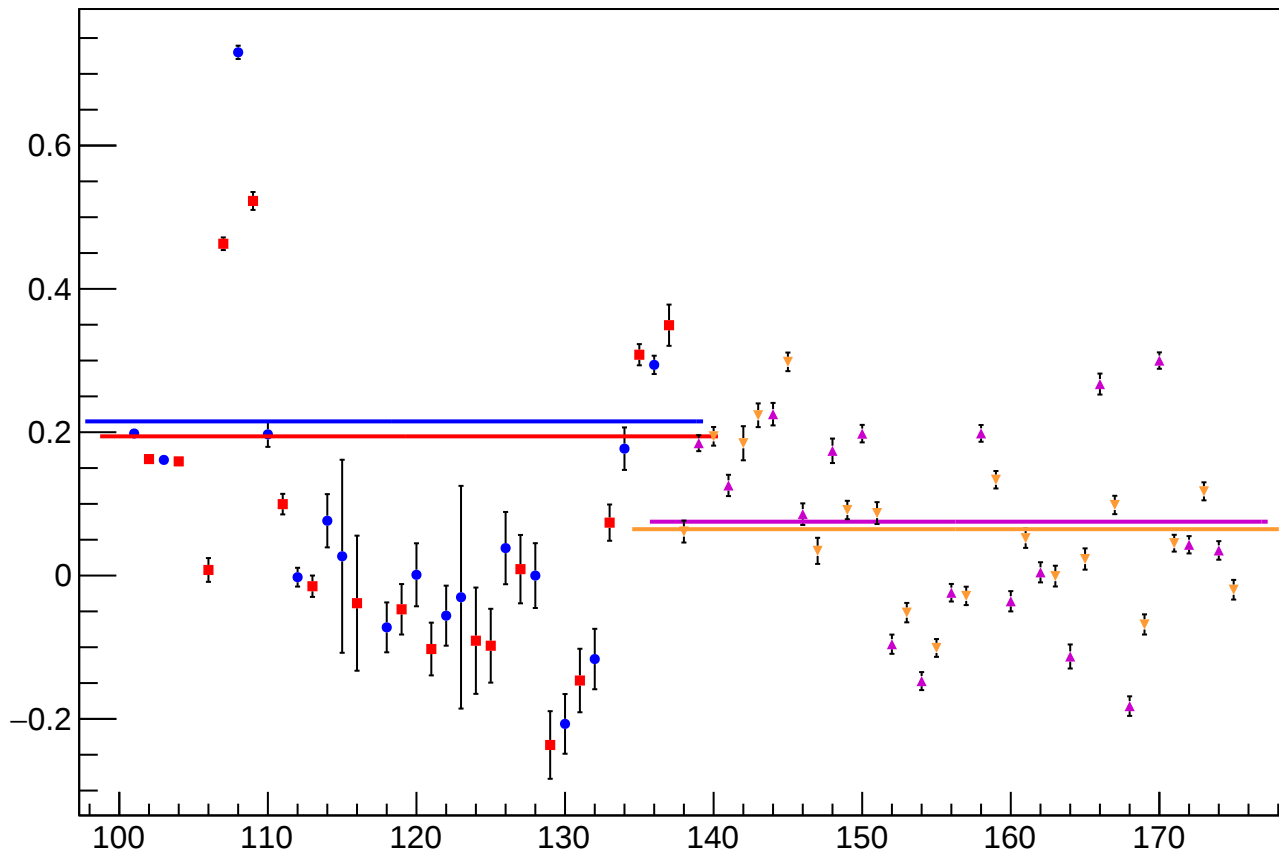
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 26.046 ± 0.048 χ^2/NDF : 325094.8/34

Out: 30.864 ± 0.049 χ^2/NDF : 288684.2/37

All: 28.403 ± 0.034 χ^2/NDF : 618785.8/72

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.065 ± 0.003 χ^2/NDF : 1070.7/19

Right Out: 0.194 ± 0.003 χ^2/NDF : 2520.1/17

Left In: 0.075 ± 0.003 χ^2/NDF : 2131.2/17

Left: 0.070 ± 0.002 χ^2/NDF : 3207.5/37

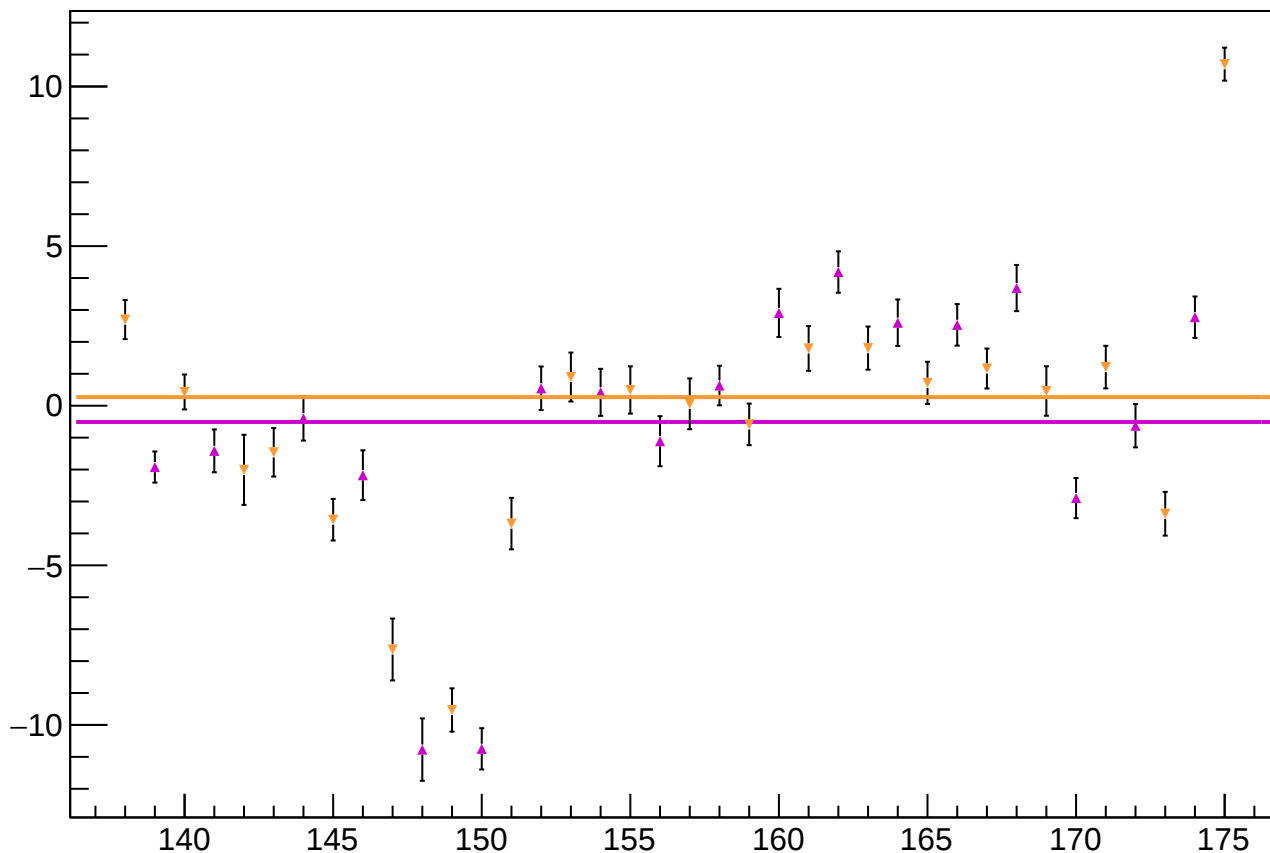
Right: 0.205 ± 0.002 χ^2/NDF : 6475.9/34

In: 0.154 ± 0.002 χ^2/NDF : 7174.2/34

Out: 0.137 ± 0.002 χ^2/NDF : 4569.8/37

All: 0.145 ± 0.001 χ^2/NDF : 11777.4/72

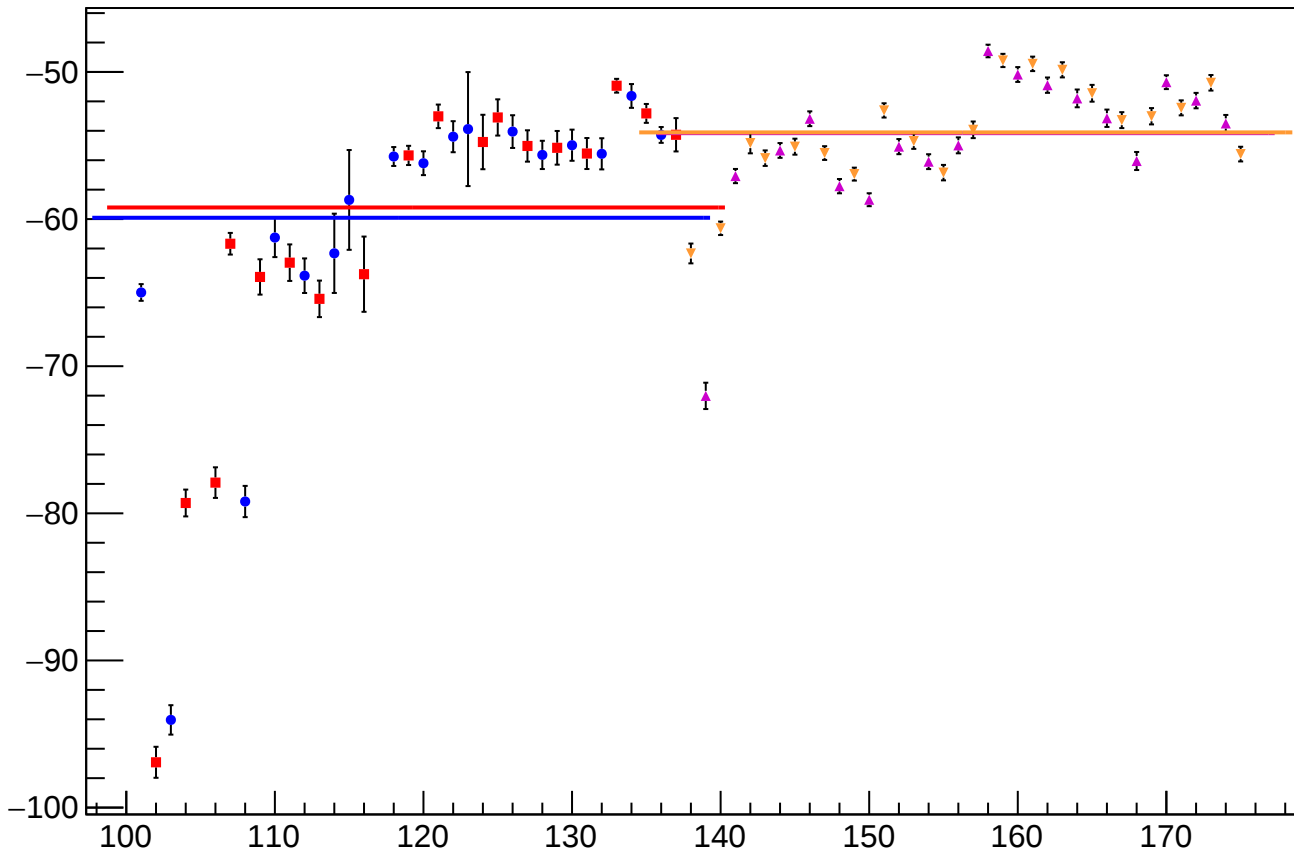
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.270+/-0.154 χ^2/NDF :812.7/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.508+/-0.160 χ^2/NDF :570.7/17

Left: -0.105+/-0.111 χ^2/NDF : 1395.6/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.508+/-0.160 χ^2/NDF :570.7/17
 Out: 0.270+/-0.154 χ^2/NDF :812.7/19
 All: -0.105+/-0.111 χ^2/NDF : 1395.6/37

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: -54.108 ± 0.116 χ^2/NDF : 820.3/19

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.160 ± 0.123 χ^2/NDF : 996.7/17

Left: -54.133 ± 0.084 χ^2/NDF : 1817.2/37

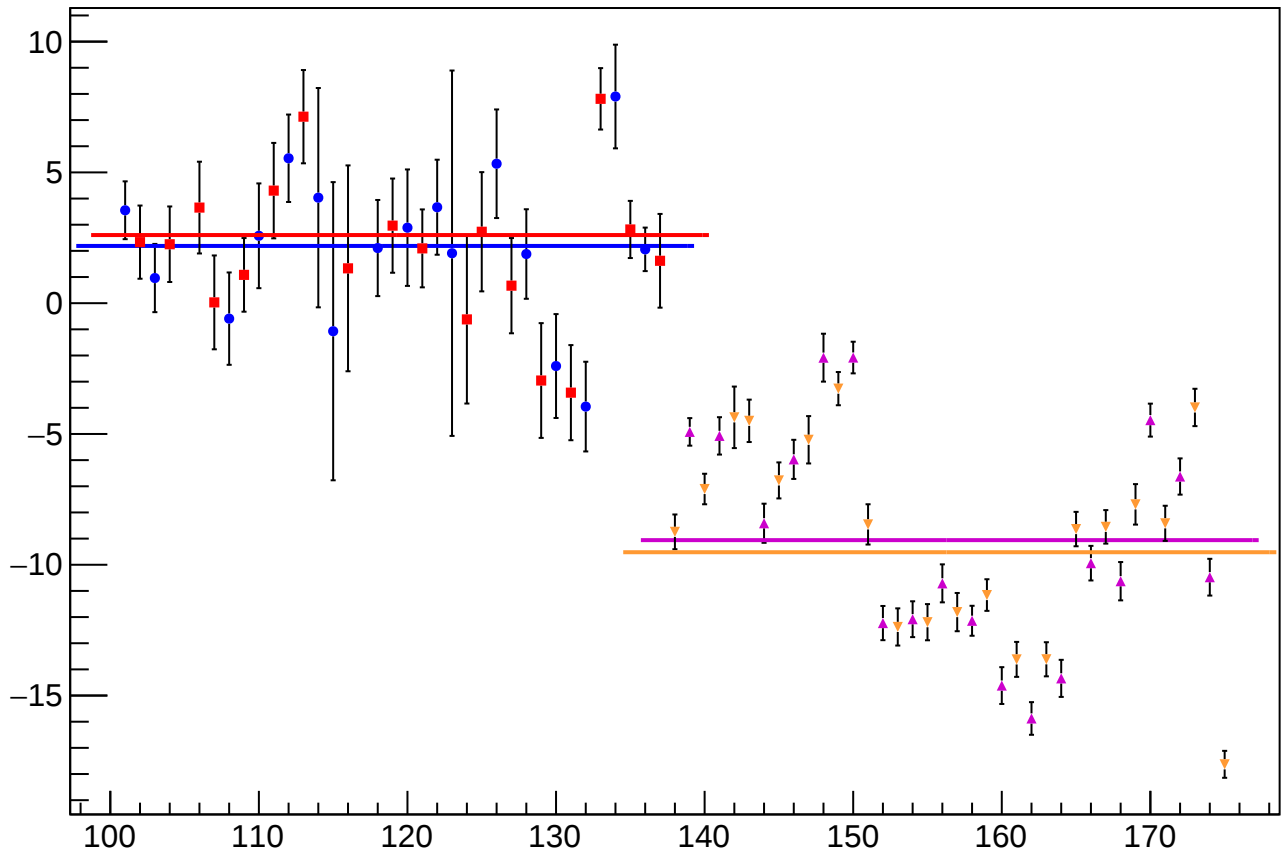
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.495 ± 0.108 χ^2/NDF : 3487.3/34

Out: -55.281 ± 0.102 χ^2/NDF : 4008.1/37

All: -55.382 ± 0.074 χ^2/NDF : 7497.5/72

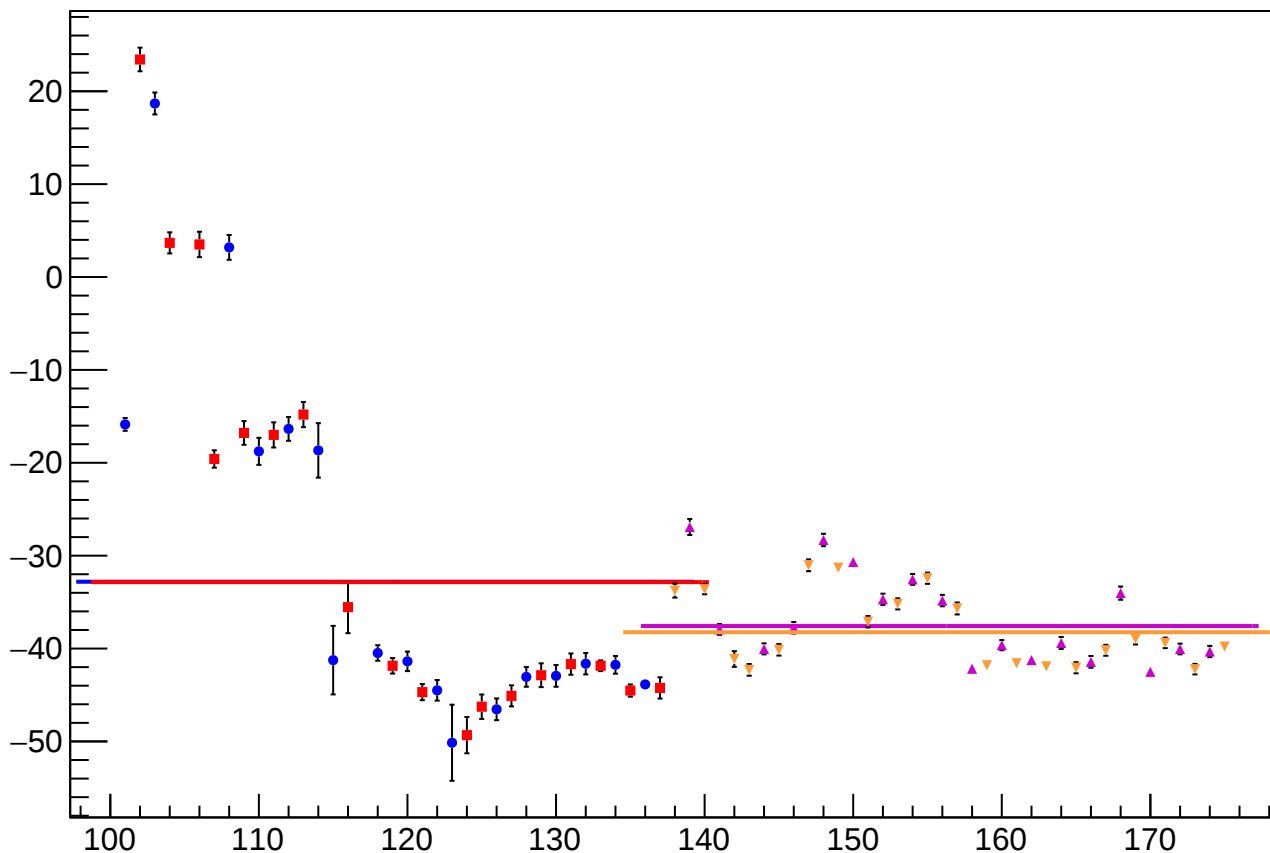
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -9.521 ± 0.153 $\chi^2/\text{NDF}: 659.0/19$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -9.059 ± 0.158 $\chi^2/\text{NDF}: 692.2/17$

Left: -9.298 ± 0.110 $\chi^2/\text{NDF}: 1355.6/37$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -7.563 ± 0.148 $\chi^2/\text{NDF}: 1401.5/34$
 Out: -7.905 ± 0.143 $\chi^2/\text{NDF}: 1544.0/37$
 All: -7.740 ± 0.103 $\chi^2/\text{NDF}: 2948.2/72$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -38.241 ± 0.132 χ^2/NDF : 864.2/19

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.578 ± 0.138 χ^2/NDF : 1027.4/17

Left: -37.926 ± 0.095 χ^2/NDF : 1903.7/37

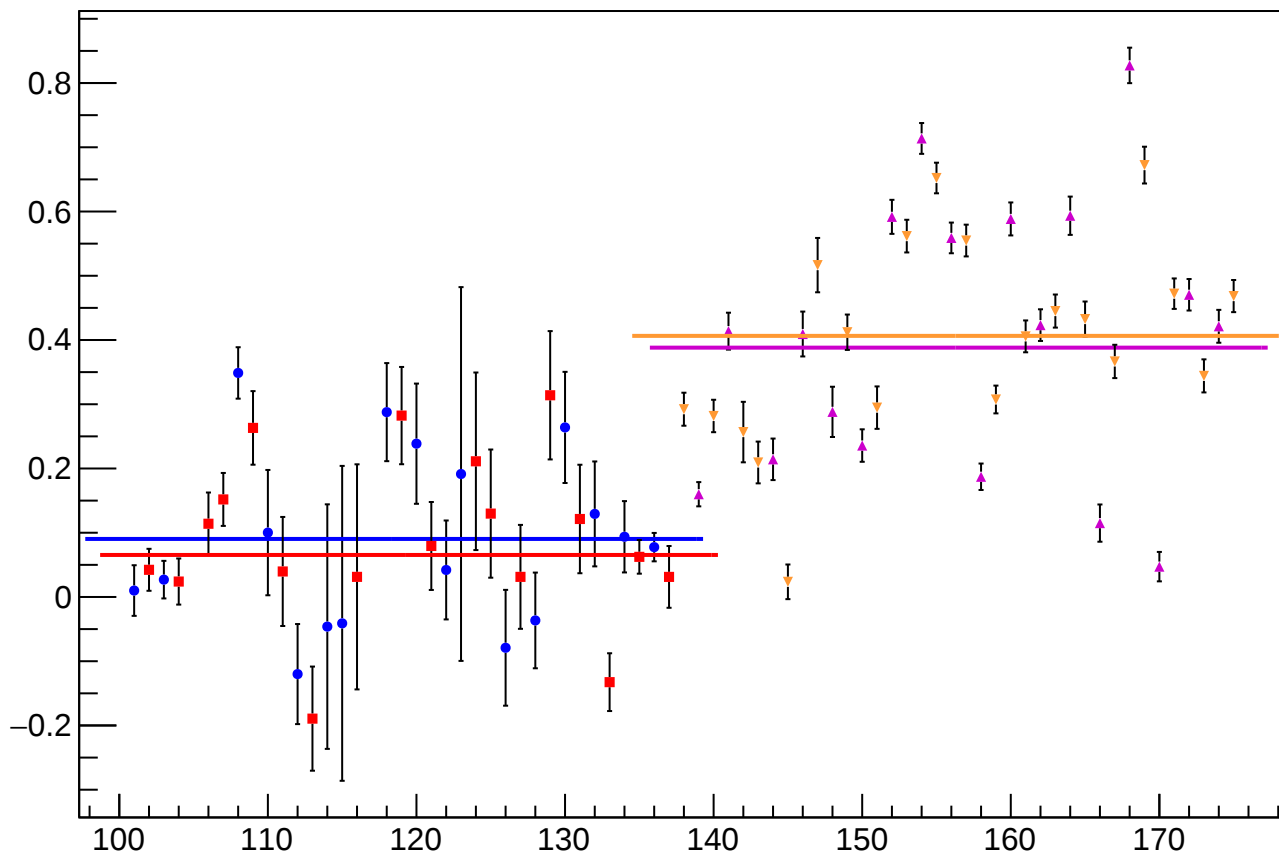
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.488 ± 0.122 χ^2/NDF : 5962.0/34

Out: -37.030 ± 0.116 χ^2/NDF : 6991.8/37

All: -36.772 ± 0.084 χ^2/NDF : 12964.2/72

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: 0.406 ± 0.006 $\chi^2/\text{NDF}: 622.8/19$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.388 ± 0.006 $\chi^2/\text{NDF}: 1295.8/17$

Left: 0.397 ± 0.004 $\chi^2/\text{NDF}: 1923.2/37$

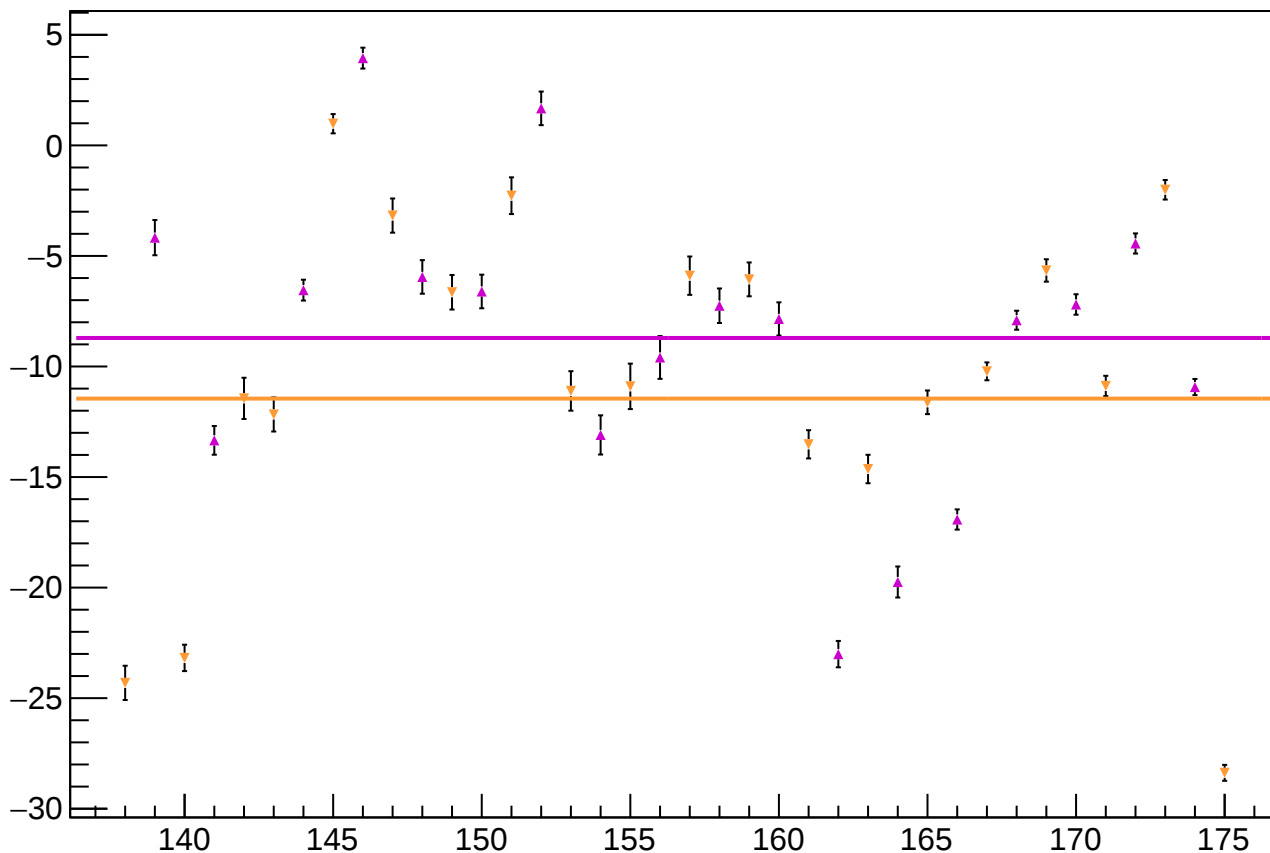
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.333 ± 0.005 $\chi^2/\text{NDF}: 1821.3/34$

Out: 0.340 ± 0.005 $\chi^2/\text{NDF}: 1314.2/37$

All: 0.337 ± 0.004 $\chi^2/\text{NDF}: 3136.5/72$

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: -11.452 ± 0.131 χ^2/NDF : 4682.3/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -8.710 ± 0.134 χ^2/NDF : 2342.9/17

Left: -10.112 ± 0.093 χ^2/NDF : 7240.2/37

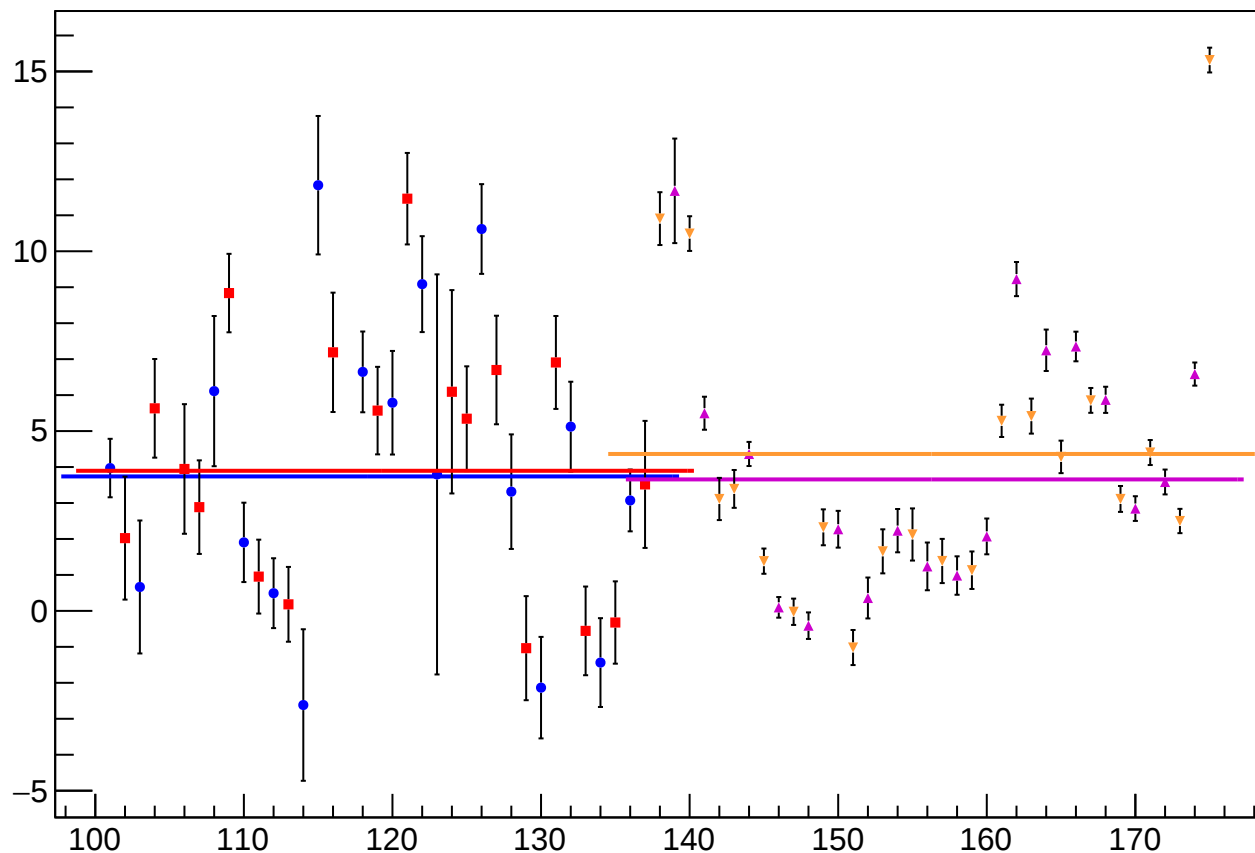
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -8.710 ± 0.134 χ^2/NDF : 2342.9/17

Out: -11.452 ± 0.131 χ^2/NDF : 4682.3/19

All: -10.112 ± 0.093 χ^2/NDF : 7240.2/37

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 4.363 ± 0.099 χ^2/NDF : 1774.6/19

Right Out: 3.896 ± 0.316 χ^2/NDF : 134.9/17

Left In: 3.656 ± 0.100 χ^2/NDF : 803.7/17

Left: 4.014 ± 0.070 χ^2/NDF : 2603.7/37

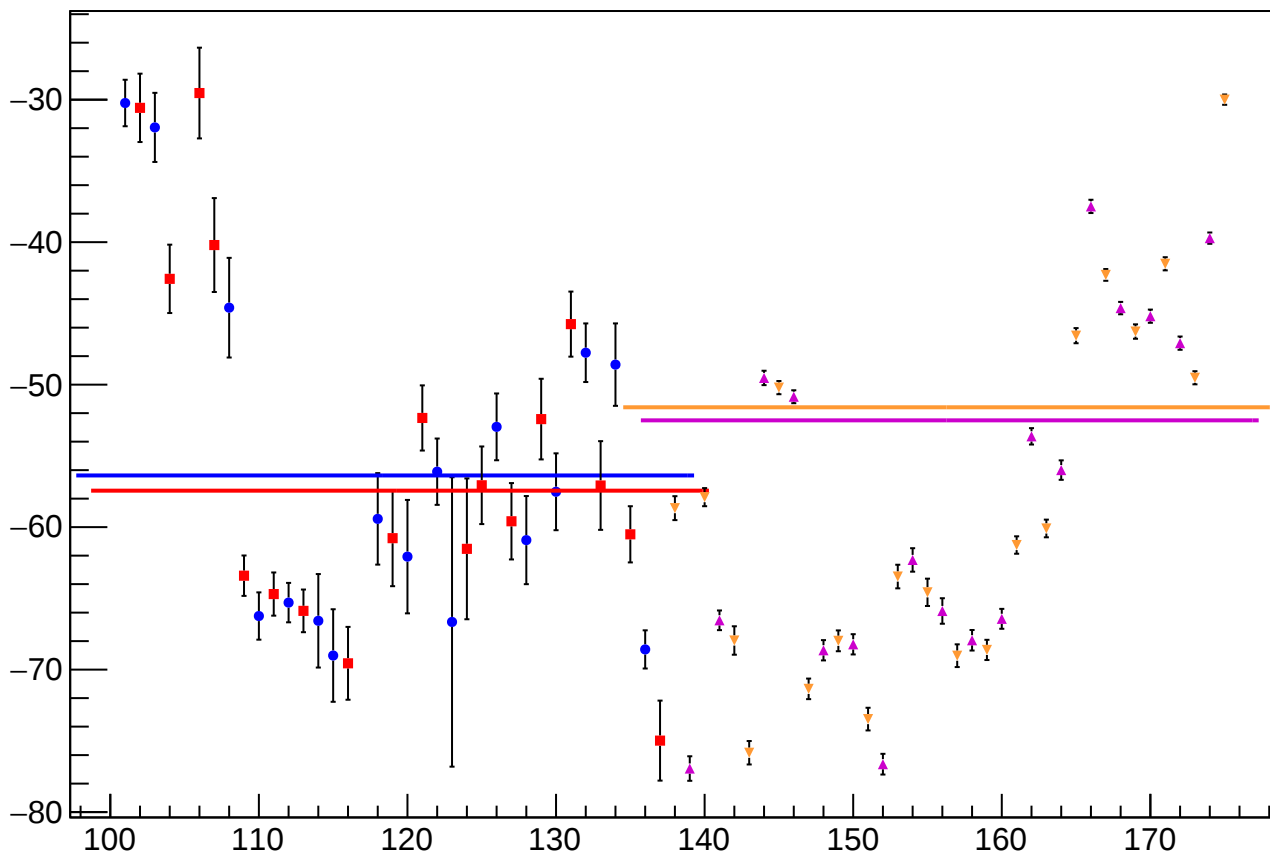
Right: 3.815 ± 0.221 χ^2/NDF : 271.9/34

In: 3.664 ± 0.095 χ^2/NDF : 940.6/34

Out: 4.322 ± 0.094 χ^2/NDF : 1911.4/37

All: 3.996 ± 0.067 χ^2/NDF : 2876.3/72

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -51.589 ± 0.131 χ^2/NDF : 9974.3/19

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -52.506 ± 0.134 χ^2/NDF : 7418.9/17

Left: -52.036 ± 0.094 χ^2/NDF : 17417.1/37

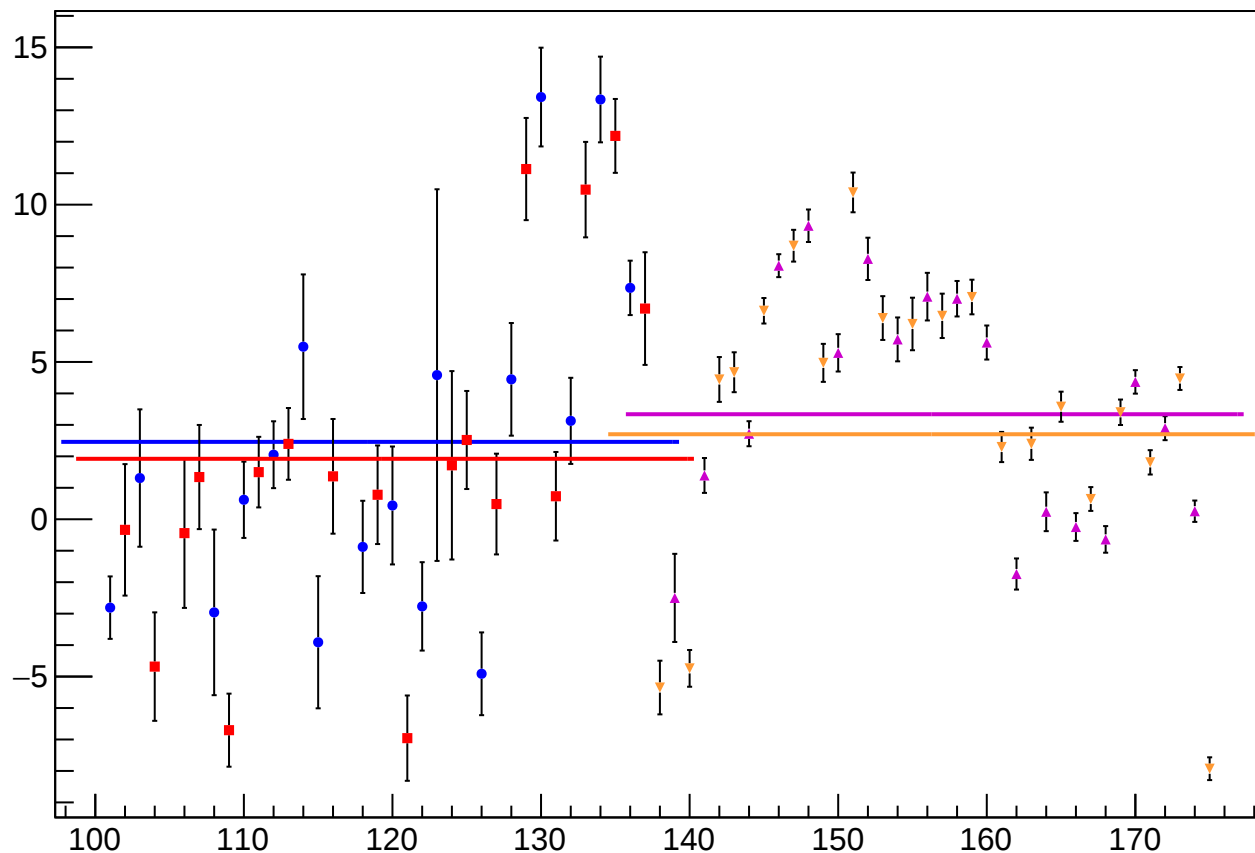
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -52.728 ± 0.130 χ^2/NDF : 8054.3/34

Out: -51.918 ± 0.127 χ^2/NDF : 10527.3/37

All: -52.314 ± 0.091 χ^2/NDF : 18601.4/72

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: 2.702 $\pm$ 0.112 χ^2 /NDF:1730.1/19

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 3.338 $\pm$ 0.114 χ^2 /NDF:871.7/17

Left: 3.014 $\pm$ 0.080 χ^2 /NDF: 2617.7/37

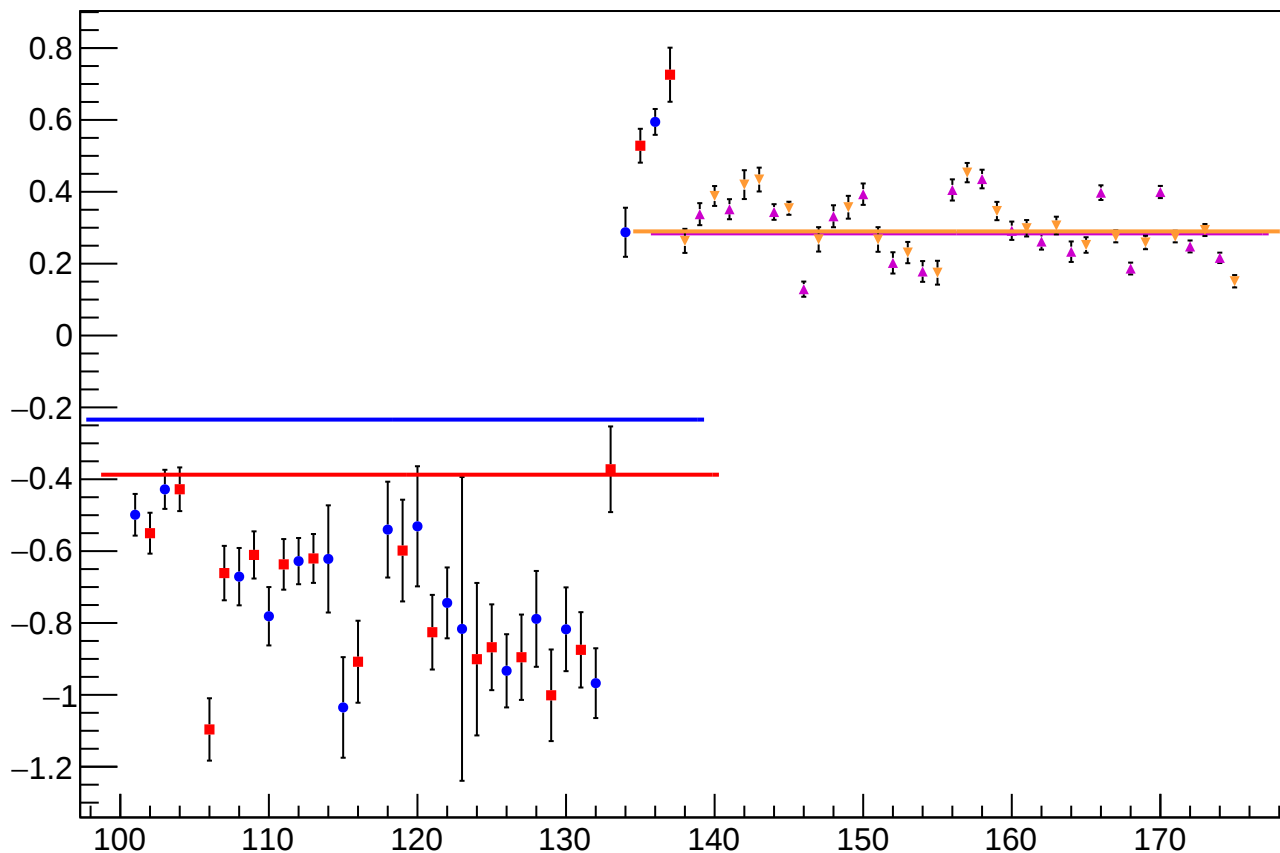
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 3.252 $\pm$ 0.108 χ^2 /NDF:1121.5/34

Out: 2.632 $\pm$ 0.106 χ^2 /NDF:1999.6/37

All: 2.937 $\pm$ 0.076 χ^2 /NDF: 3137.8/72

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: 0.290 ± 0.005 χ^2/NDF : 190.9/19

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.284 ± 0.005 χ^2/NDF : 301.4/17

Left: 0.287 ± 0.004 χ^2/NDF : 492.9/37

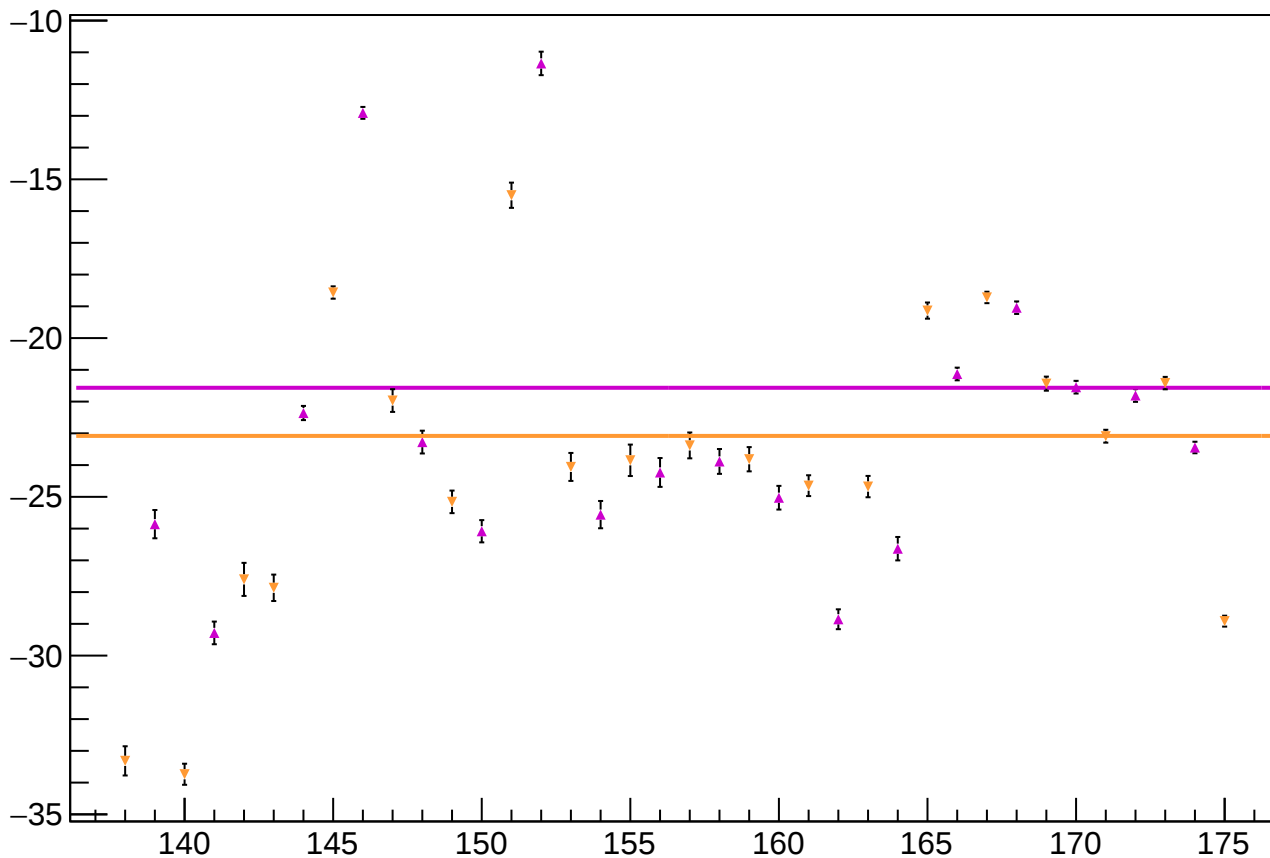
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.247 ± 0.005 χ^2/NDF : 1958.6/34

Out: 0.243 ± 0.005 χ^2/NDF : 2219.3/37

All: 0.245 ± 0.004 χ^2/NDF : 4178.3/72

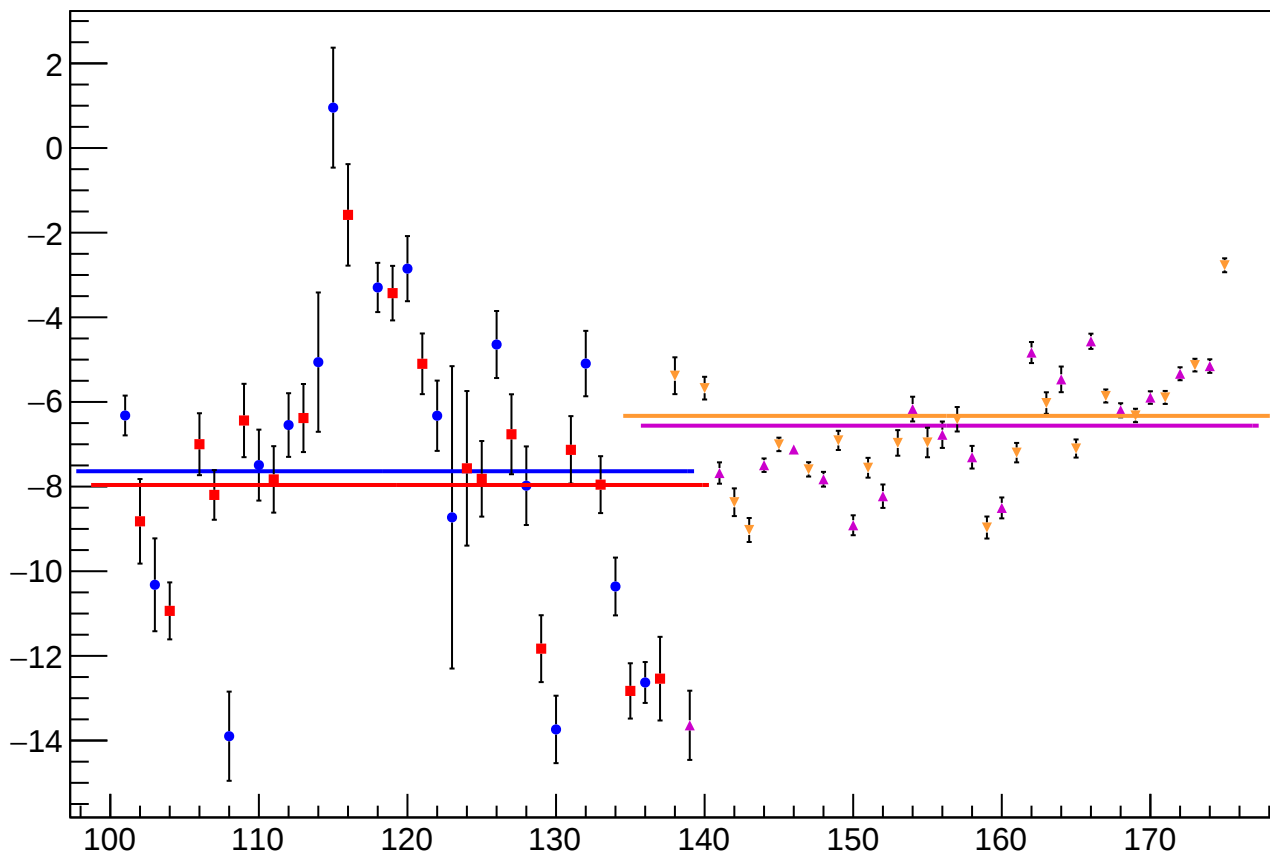
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.565+/-0.062 χ^2/NDF : 4909.2/17

Left: -22.332+/-0.044 χ^2/NDF : 10045.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -21.565+/-0.062 χ^2/NDF : 4909.2/17
 Out: -23.081+/-0.062 χ^2/NDF : 4838.3/19
 All: -22.332+/-0.044 χ^2/NDF : 10045.7/37

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.329 ± 0.047 χ^2/NDF : 936.3/19

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -6.561 ± 0.046 χ^2/NDF : 762.7/17

Left: -6.446 ± 0.033 χ^2/NDF : 1711.4/37

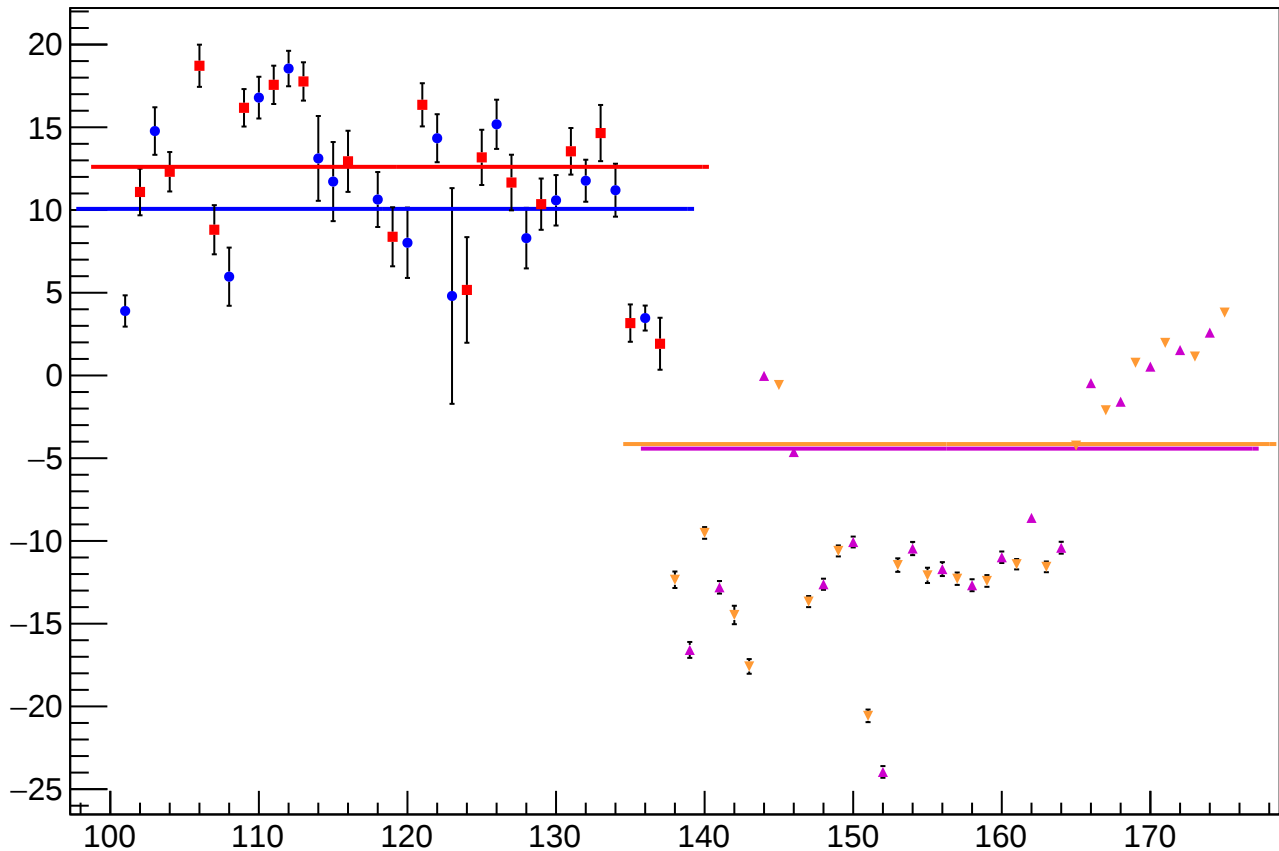
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -6.623 ± 0.045 χ^2/NDF : 1188.2/34

Out: -6.425 ± 0.045 χ^2/NDF : 1235.5/37

All: -6.525 ± 0.032 χ^2/NDF : 2433.4/72

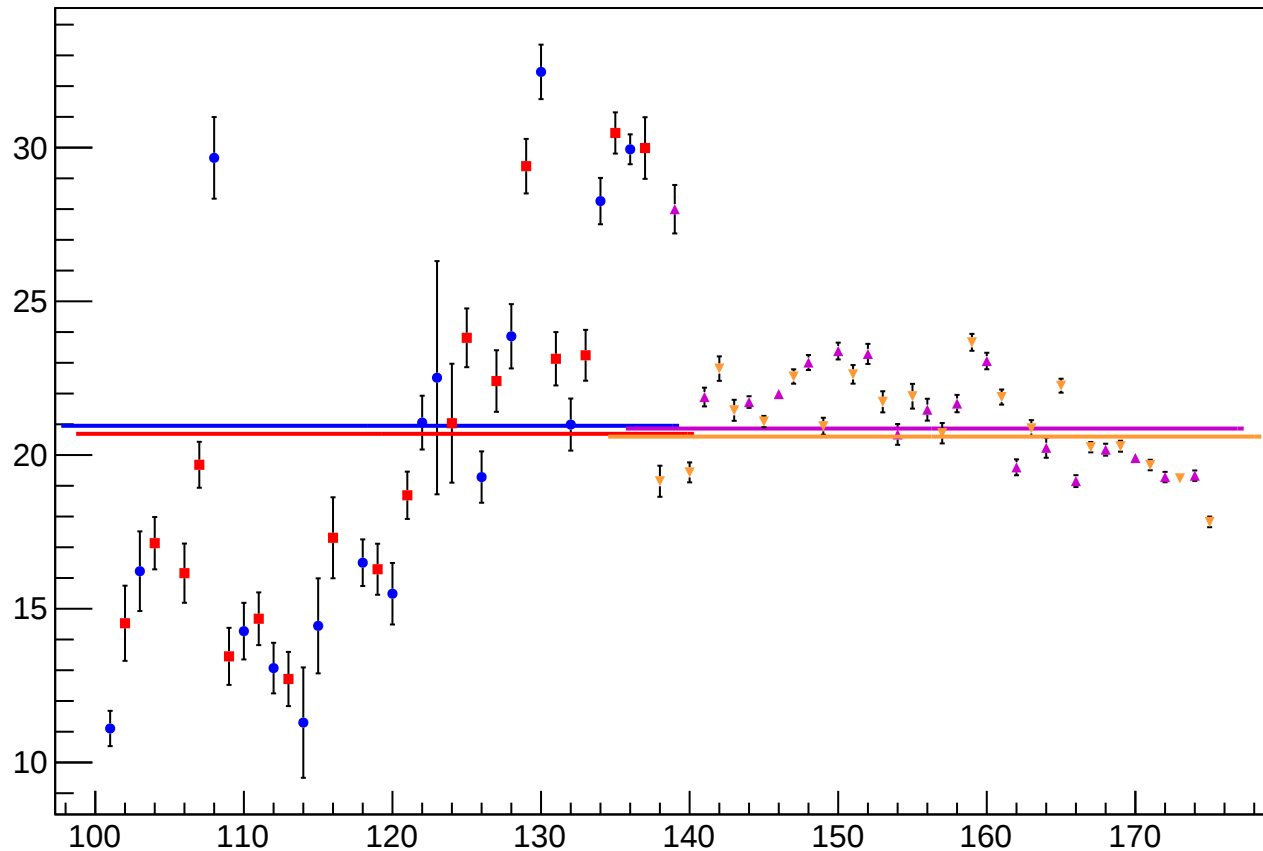
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -4.144 ± 0.062 $\chi^2/\text{NDF}: 12119.9/19$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -4.421 ± 0.063 $\chi^2/\text{NDF}: 10574.9/17$

Left: -4.281 ± 0.044 $\chi^2/\text{NDF}: 22704.7/37$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -3.940 ± 0.061 $\chi^2/\text{NDF}: 12611.2/34$
 Out: -3.586 ± 0.061 $\chi^2/\text{NDF}: 14784.2/37$
 All: -3.761 ± 0.043 $\chi^2/\text{NDF}: 27412.2/72$

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: 20.599 $\pm$ 0.053 χ^2 /NDF: 774.5/19

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.862 $\pm$ 0.053 χ^2 /NDF: 791.2/17

Left: 20.730 $\pm$ 0.037 χ^2 /NDF: 1578.0/37

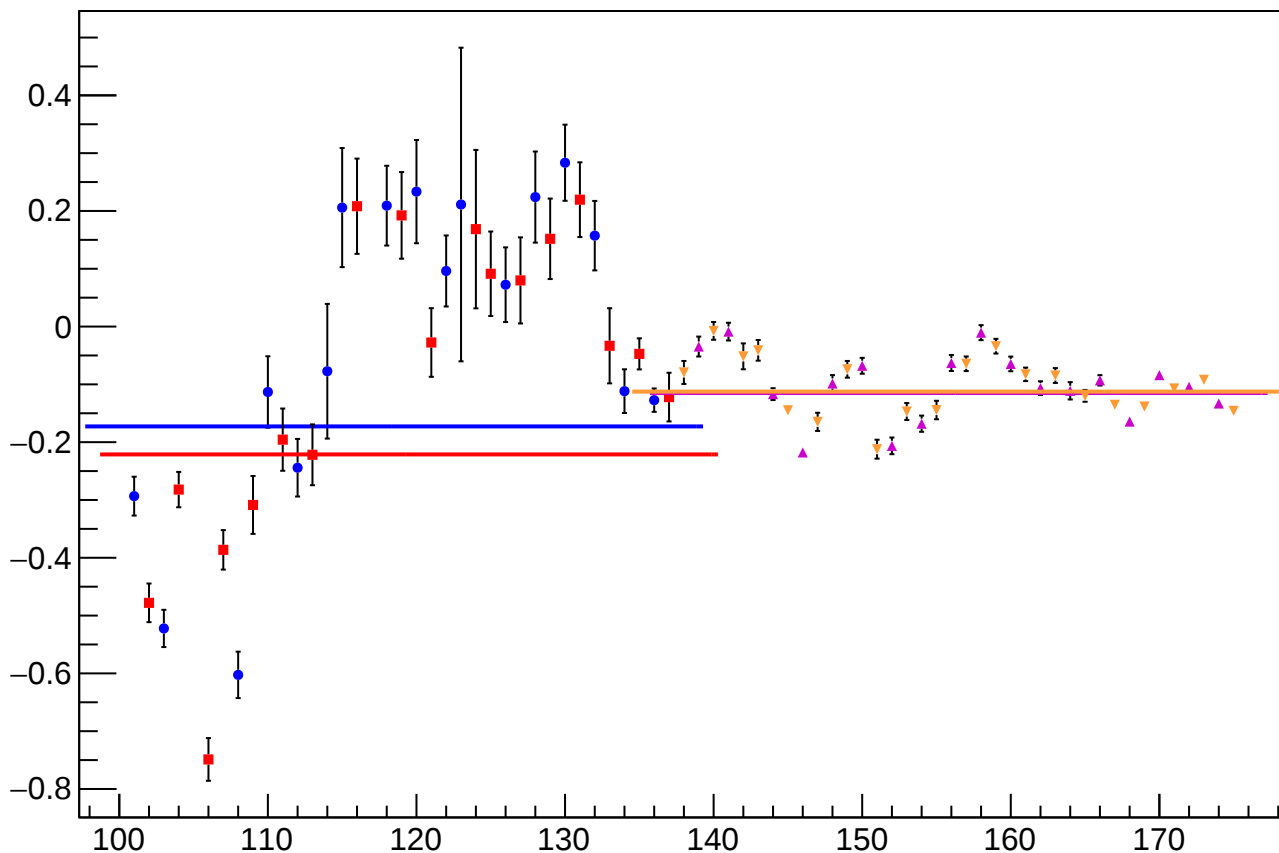
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.867 $\pm$ 0.051 χ^2 /NDF: 2014.1/34

Out: 20.605 $\pm$ 0.051 χ^2 /NDF: 1501.6/37

All: 20.735 $\pm$ 0.036 χ^2 /NDF: 3528.8/72

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: -0.113 ± 0.002 χ^2/NDF : 261.5/19

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.115 ± 0.002 χ^2/NDF : 455.9/17

Left: -0.114 ± 0.002 χ^2/NDF : 717.9/37

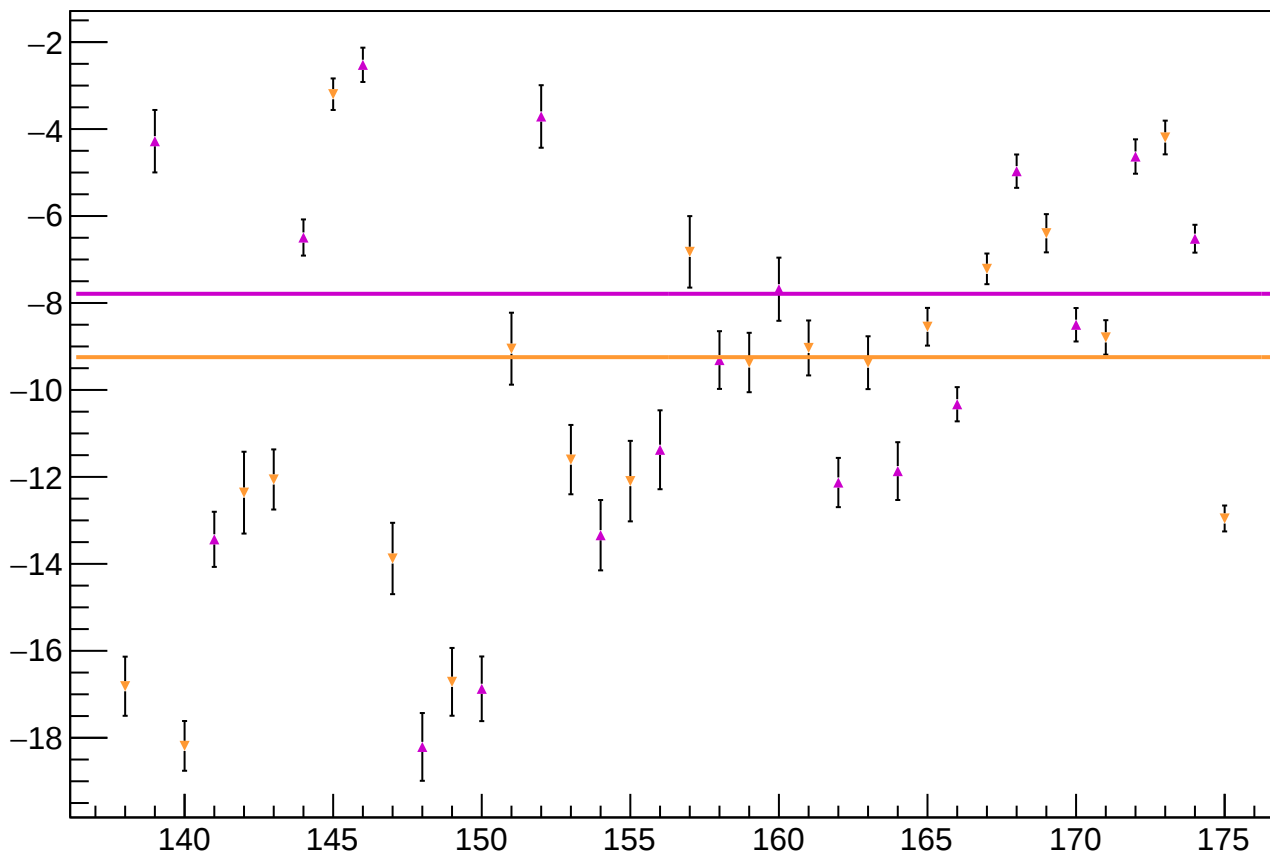
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.118 ± 0.002 χ^2/NDF : 941.6/34

Out: -0.118 ± 0.002 χ^2/NDF : 890.2/37

All: -0.118 ± 0.002 χ^2/NDF : 1831.8/72

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -9.246 $\pm$ 0.115 χ^2/NDF :1228.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -7.789 $\pm$ 0.119 χ^2/NDF :994.2/17

Left: -8.540 $\pm$ 0.083 χ^2/NDF : 2299.7/37

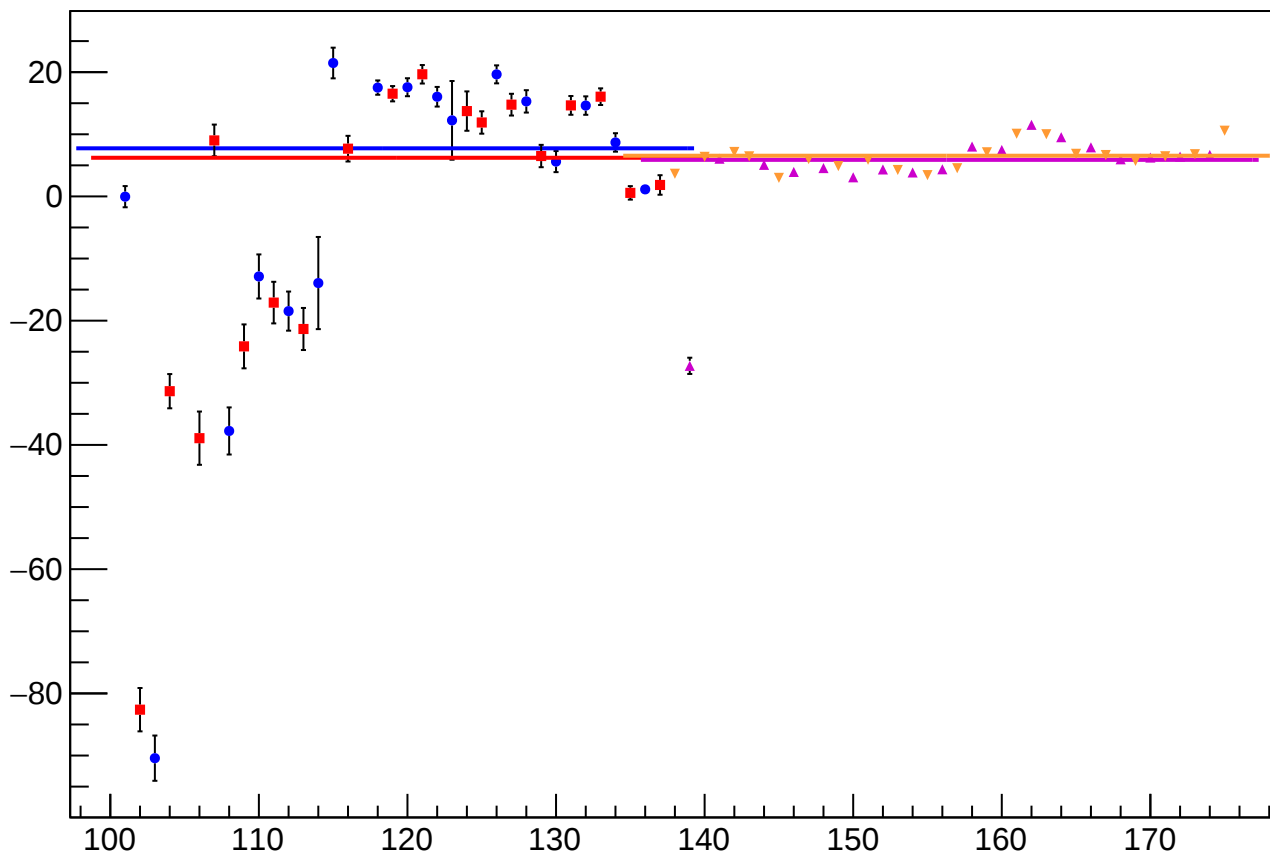
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -7.789 $\pm$ 0.119 χ^2/NDF :994.2/17

Out: -9.246 $\pm$ 0.115 χ^2/NDF :1228.3/19

All: -8.540 $\pm$ 0.083 χ^2/NDF : 2299.7/37

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.550 ± 0.088 $\chi^2/\text{NDF}: 572.0/19$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 5.883 ± 0.090 $\chi^2/\text{NDF}: 1061.1/17$

Left: 6.222 ± 0.063 $\chi^2/\text{NDF}: 1661.2/37$

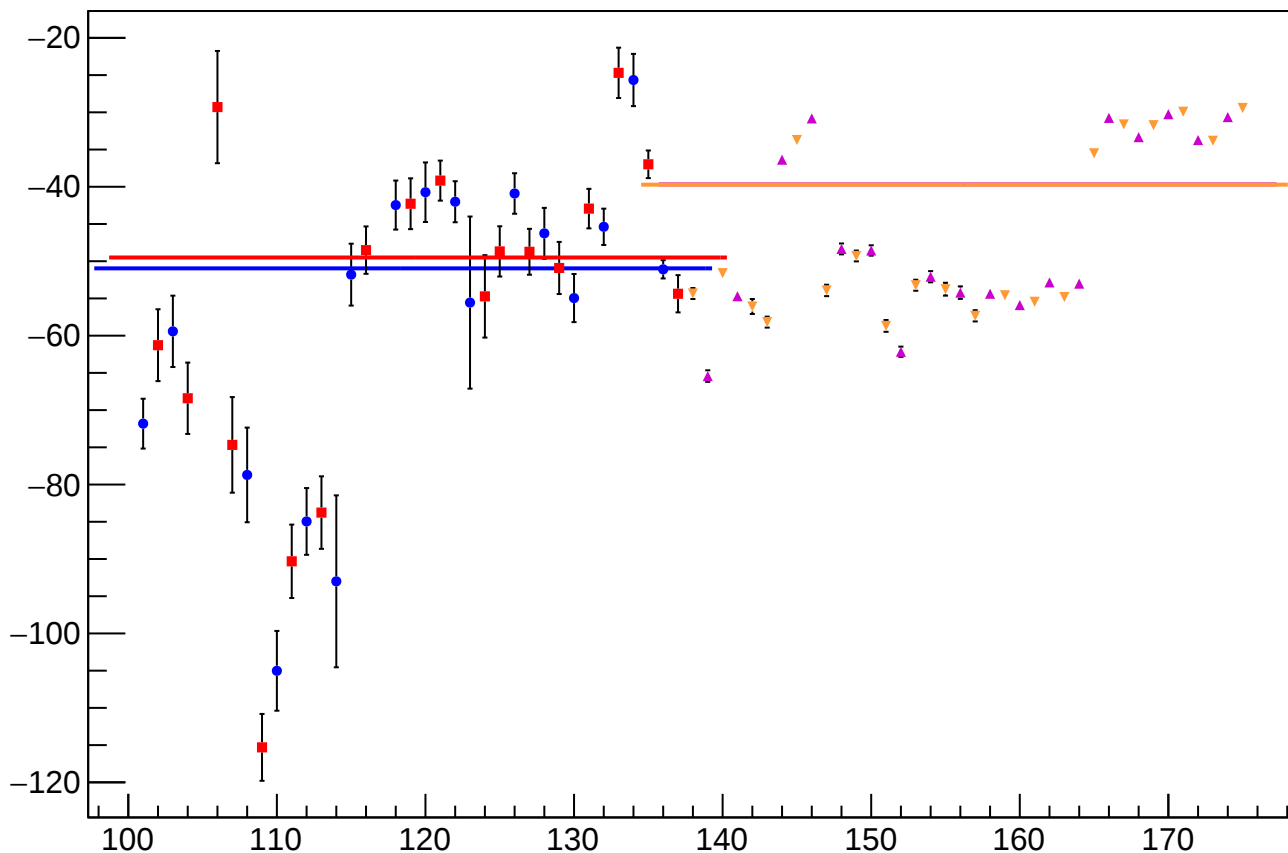
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 5.971 ± 0.088 $\chi^2/\text{NDF}: 2440.3/34$

Out: 6.537 ± 0.087 $\chi^2/\text{NDF}: 2018.5/37$

All: 6.258 ± 0.062 $\chi^2/\text{NDF}: 4479.9/72$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -39.719 ± 0.116 $\chi^2/\text{NDF}: 8963.2/19$

Right Out: -49.502 ± 0.798 $\chi^2/\text{NDF}: 506.4/17$

Left In: -39.683 ± 0.120 $\chi^2/\text{NDF}: 8555.0/17$

Left: -39.701 ± 0.083 $\chi^2/\text{NDF}: 17518.2/37$

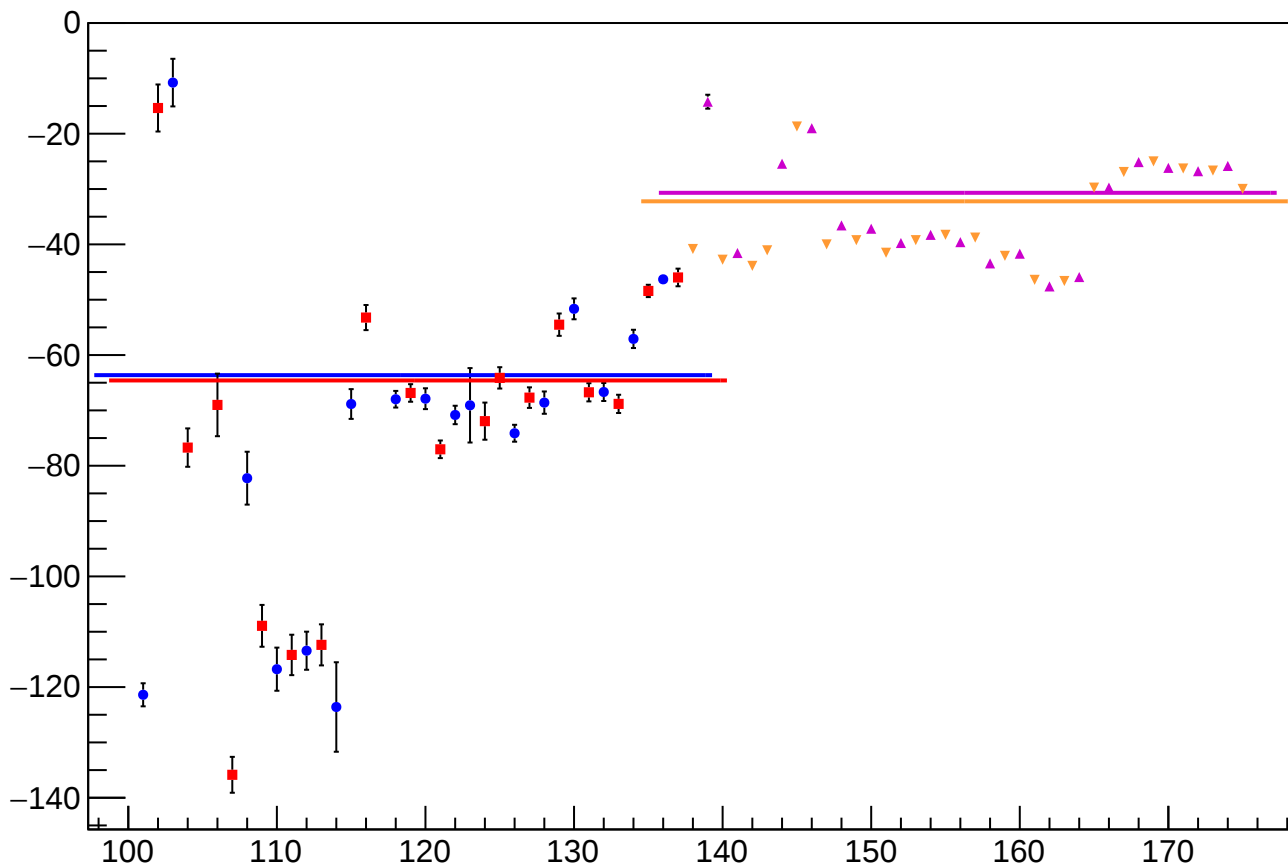
Right: -50.287 ± 0.542 $\chi^2/\text{NDF}: 840.1/34$

In: -39.972 ± 0.118 $\chi^2/\text{NDF}: 9114.1/34$

Out: -39.921 ± 0.115 $\chi^2/\text{NDF}: 9616.8/37$

All: -39.946 ± 0.082 $\chi^2/\text{NDF}: 18731.0/72$

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: -32.220 ± 0.099 χ^2/NDF : 7065.1/19

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -30.682 ± 0.102 χ^2/NDF : 6880.7/17

Left: -31.472 ± 0.071 χ^2/NDF : 14062.1/37

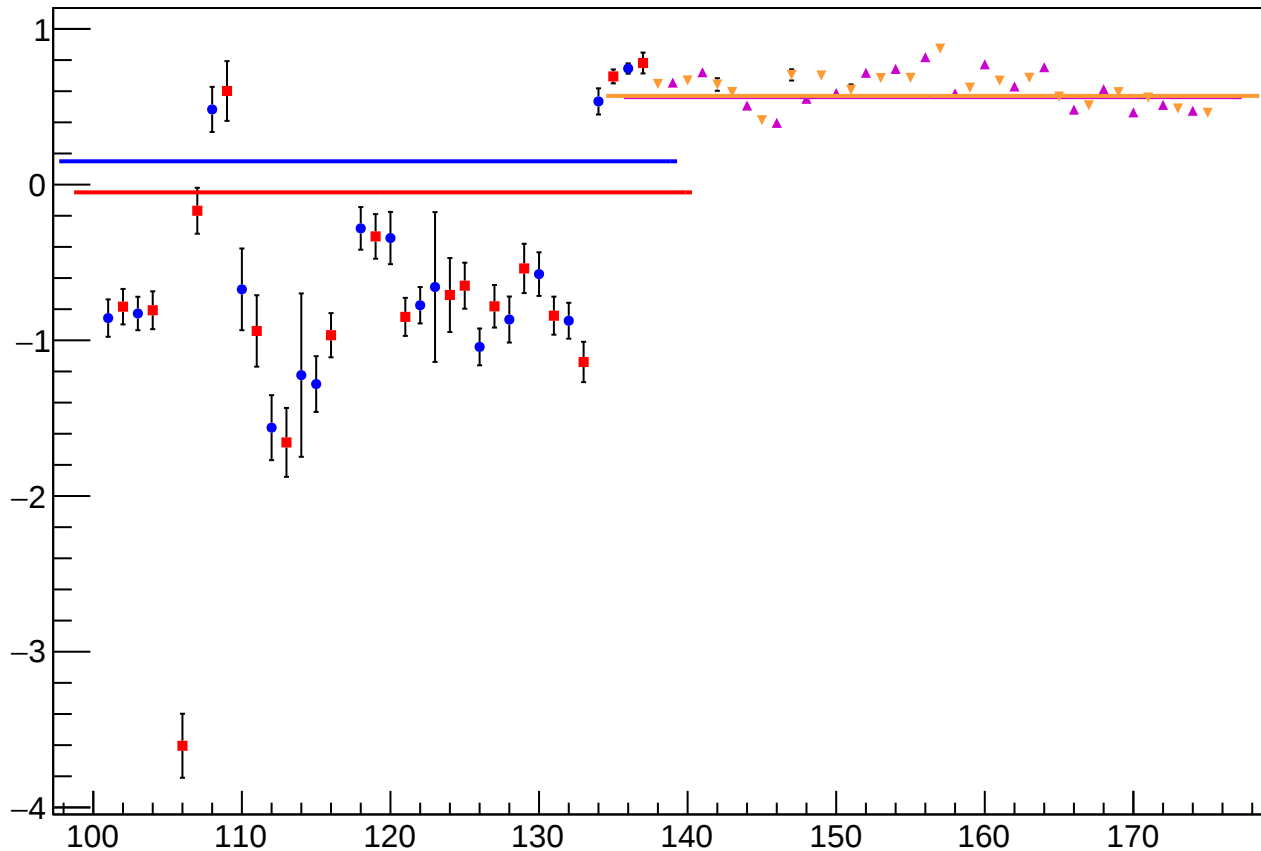
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -32.327 ± 0.100 χ^2/NDF : 14080.9/34

Out: -33.540 ± 0.097 χ^2/NDF : 12982.6/37

All: -32.947 ± 0.070 χ^2/NDF : 27139.5/72

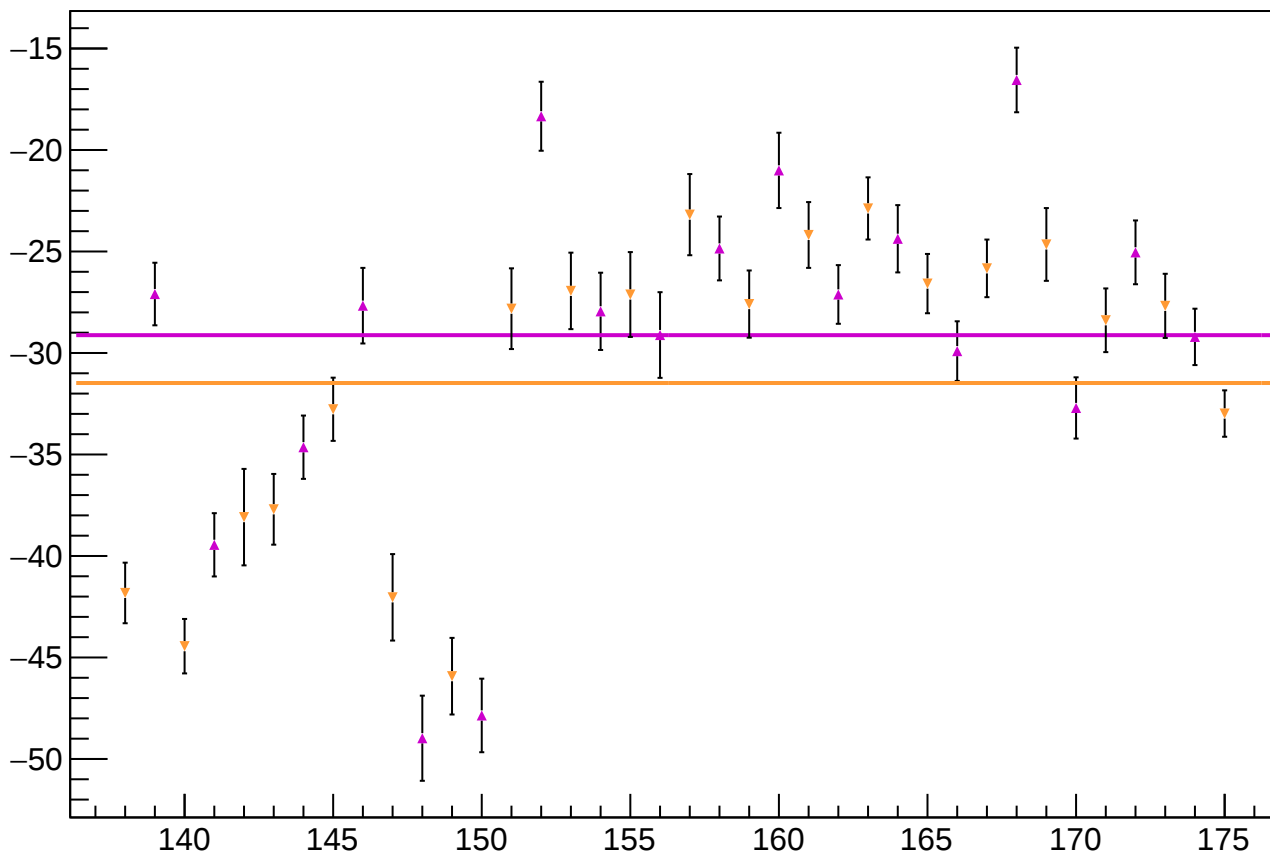
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.570 ± 0.005 $\chi^2/\text{NDF}: 495.6/19$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.562 ± 0.005 $\chi^2/\text{NDF}: 579.5/17$

Left: 0.566 ± 0.003 $\chi^2/\text{NDF}: 1076.6/37$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.547 ± 0.005 $\chi^2/\text{NDF}: 1853.0/34$
 Out: 0.551 ± 0.005 $\chi^2/\text{NDF}: 2190.9/37$
 All: 0.549 ± 0.003 $\chi^2/\text{NDF}: 4044.4/72$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -31.479 ± 0.366 $\chi^2/\text{NDF}: 386.7/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -29.122 ± 0.387 $\chi^2/\text{NDF}: 407.7/17$

Left: -30.366 ± 0.266 $\chi^2/\text{NDF}: 814.0/37$

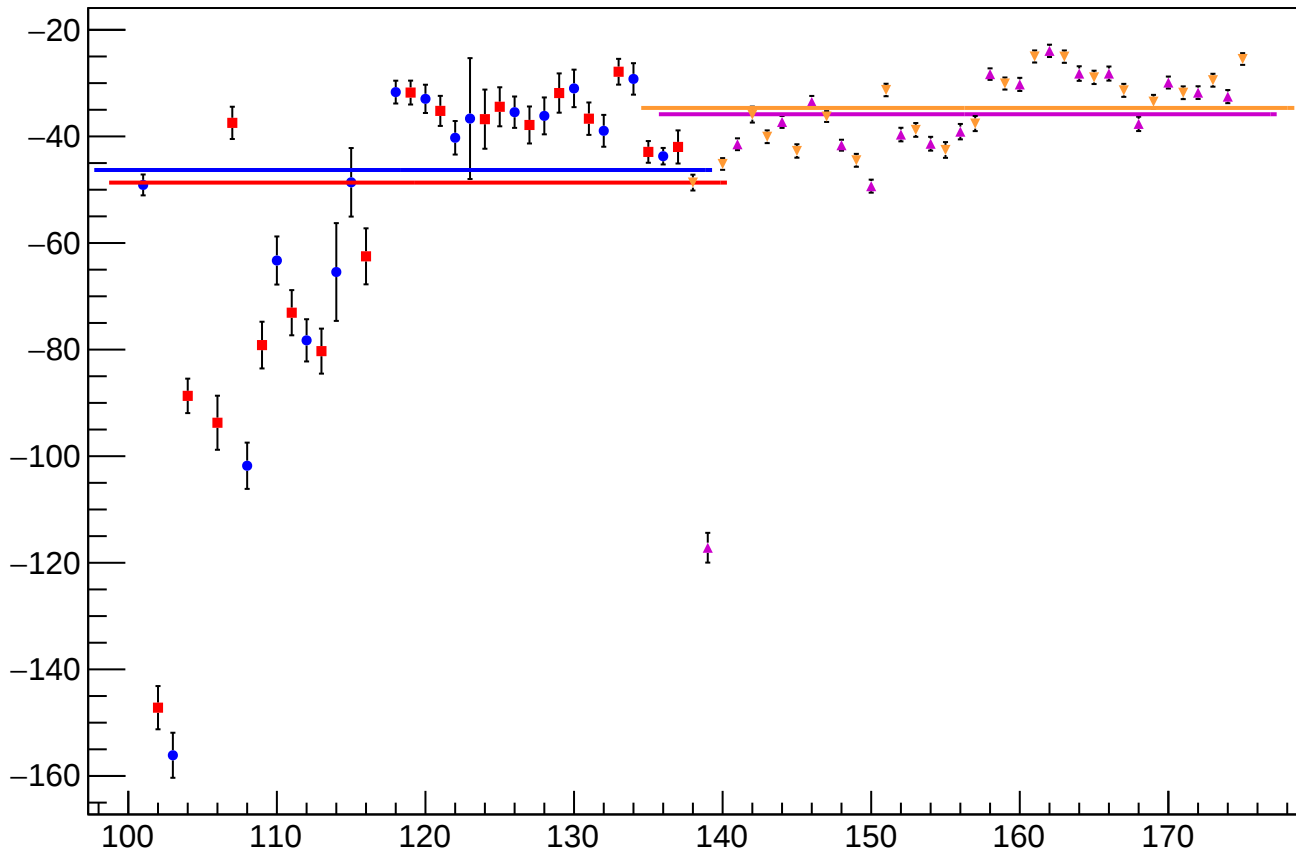
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -29.122 ± 0.387 $\chi^2/\text{NDF}: 407.7/17$

Out: -31.479 ± 0.366 $\chi^2/\text{NDF}: 386.7/19$

All: -30.366 ± 0.266 $\chi^2/\text{NDF}: 814.0/37$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.656 ± 0.273 $\chi^2/\text{NDF}: 641.9/19$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -35.838 ± 0.290 $\chi^2/\text{NDF}: 1353.4/17$

Left: -35.211 ± 0.199 $\chi^2/\text{NDF}: 2004.1/37$

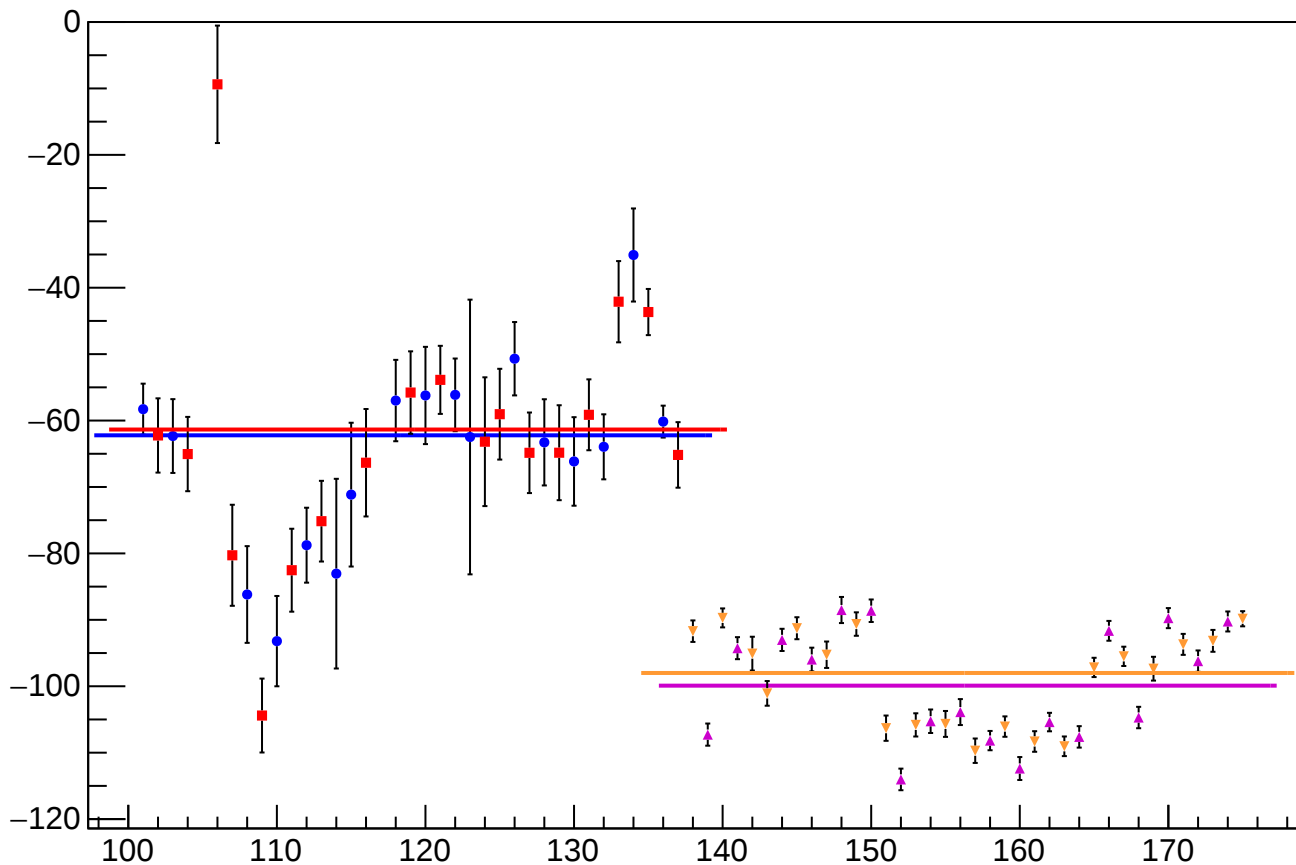
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -37.288 ± 0.269 $\chi^2/\text{NDF}: 2617.5/34$

Out: -36.246 ± 0.257 $\chi^2/\text{NDF}: 2152.8/37$

All: -36.743 ± 0.186 $\chi^2/\text{NDF}: 4778.2/72$

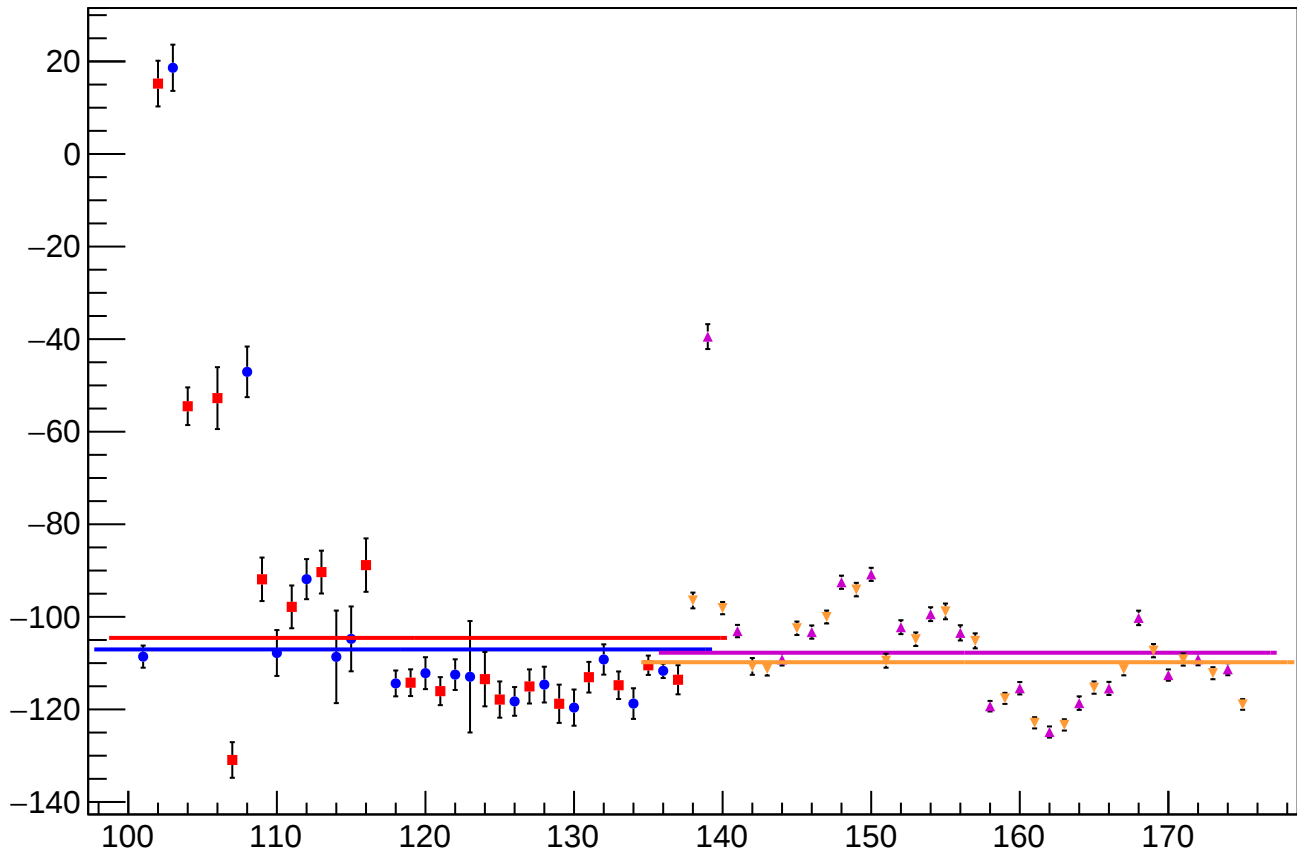
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221+/-1.312 χ^2/NDF : 67.3/16
 Left Out: -98.000+/-0.365 χ^2/NDF :382.2/19
 Right Out: -61.350+/-1.383 χ^2/NDF : 158.4/17
 Left In: -99.909+/-0.384 χ^2/NDF :473.8/17

Left: -98.905+/-0.265 χ^2/NDF : 868.9/37
 Right: -61.809+/-0.952 χ^2/NDF : 225.9/34
 In: -96.931+/-0.369 χ^2/NDF :1301.5/34
 Out: -95.615+/-0.353 χ^2/NDF :1197.3/37
 All: -96.244+/-0.255 χ^2/NDF : 2505.4/72

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: -109.805 ± 0.311 χ^2/NDF : 760.0/19

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -107.753 ± 0.329 χ^2/NDF : 1445.1/17

Left: -108.838 ± 0.226 χ^2/NDF : 2225.6/37

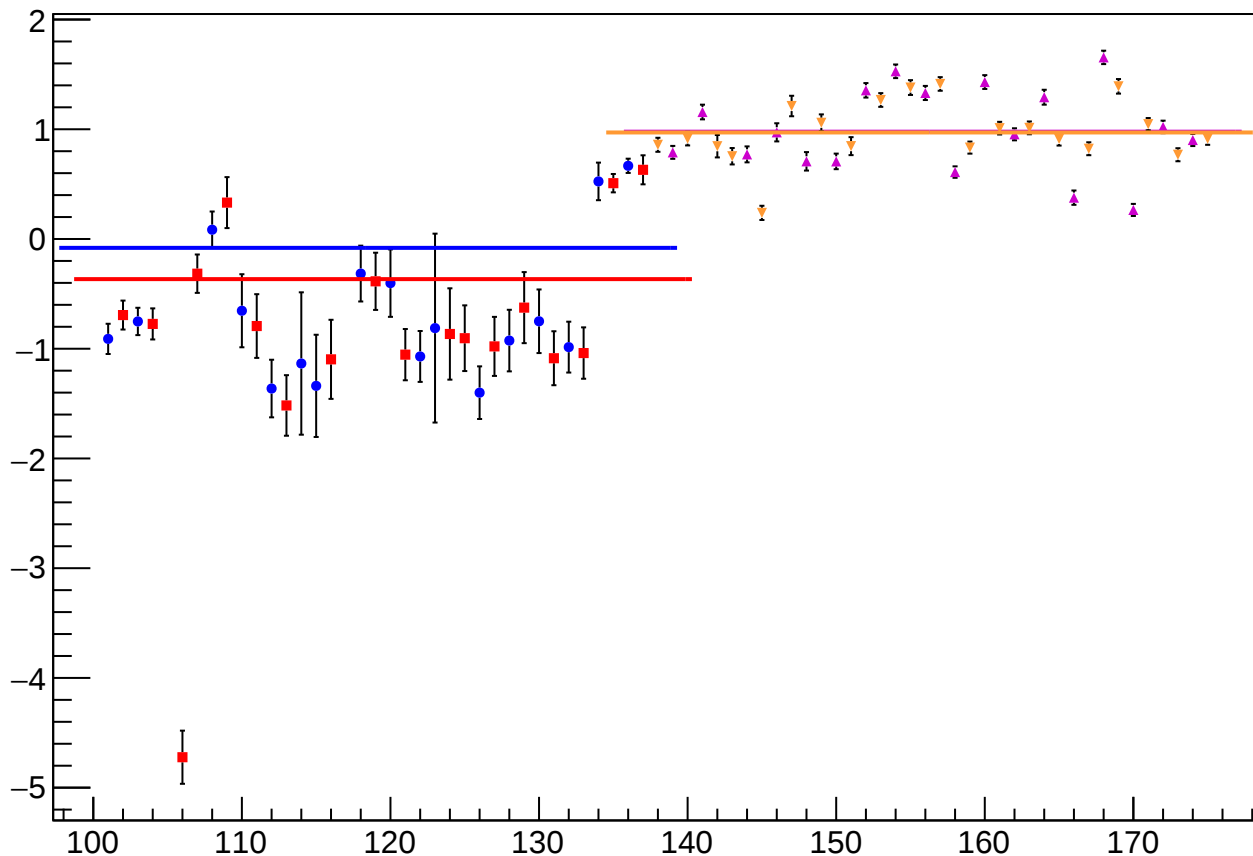
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -107.653 ± 0.305 χ^2/NDF : 2273.6/34

Out: -109.199 ± 0.292 χ^2/NDF : 1760.4/37

All: -108.459 ± 0.211 χ^2/NDF : 4047.4/72

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.971 ± 0.014 χ^2/NDF : 330.9/19

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.978 ± 0.015 χ^2/NDF : 691.5/17

Left: 0.974 ± 0.010 χ^2/NDF : 1022.6/37

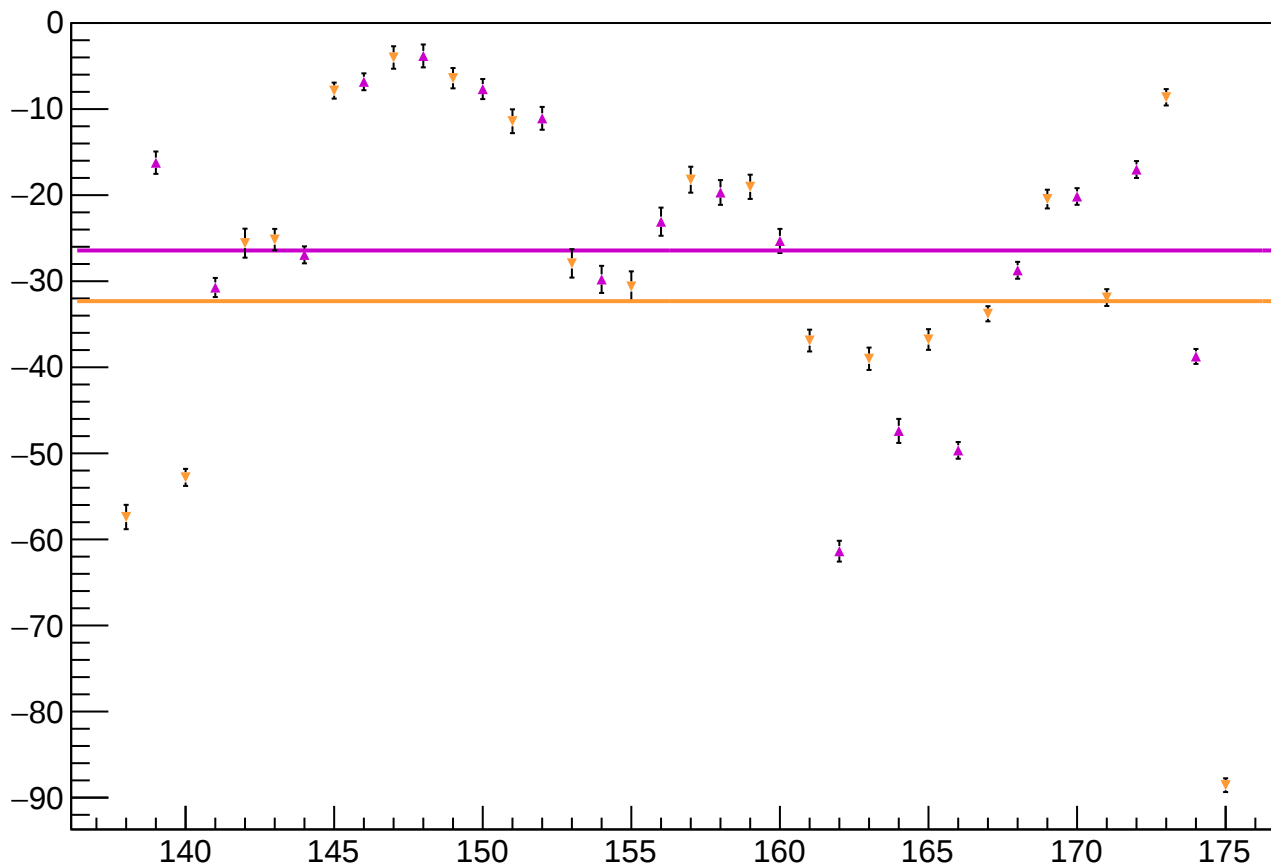
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.862 ± 0.014 χ^2/NDF : 1580.8/34

Out: 0.842 ± 0.014 χ^2/NDF : 1736.9/37

All: 0.851 ± 0.010 χ^2/NDF : 3318.8/72

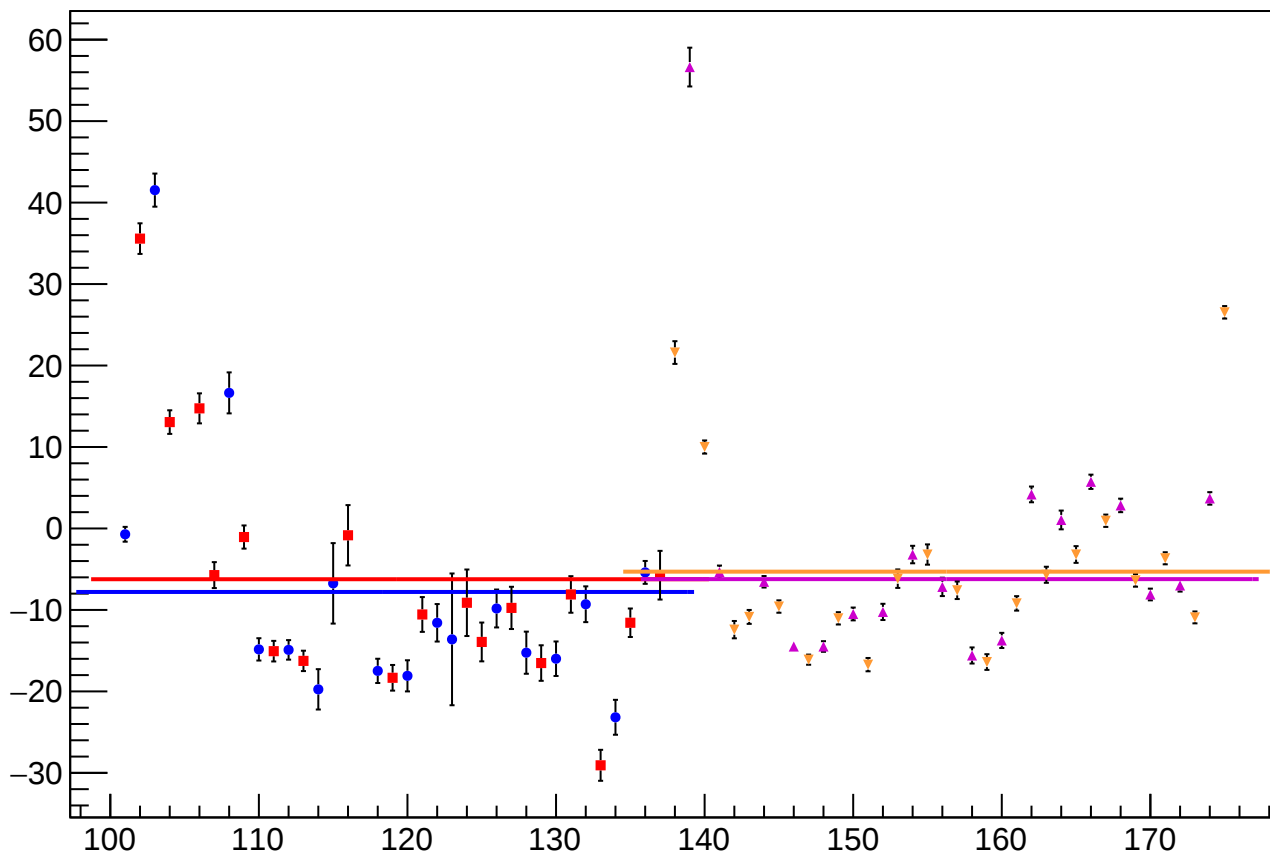
reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.317+/-0.259 χ^2/NDF : 8584.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.429+/-0.269 χ^2/NDF : 3160.5/17

Left: -29.481+/-0.187 χ^2/NDF : 11993.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -26.429+/-0.269 χ^2/NDF : 3160.5/17
 Out: -32.317+/-0.259 χ^2/NDF : 8584.3/19
 All: -29.481+/-0.187 χ^2/NDF : 11993.3/37

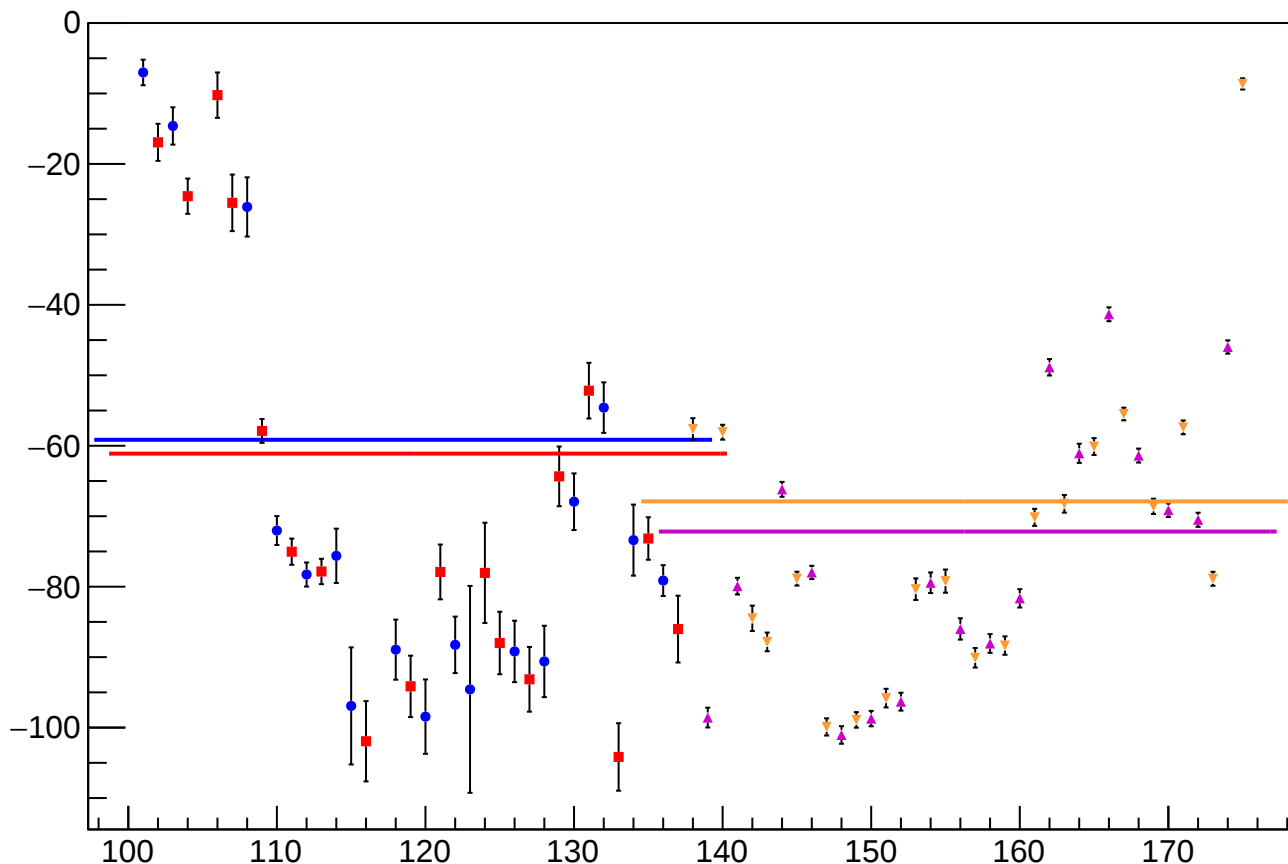
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -5.301 ± 0.192 χ^2/NDF : 3416.5/19
 Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17
 Left In: -6.219 ± 0.199 χ^2/NDF : 1884.9/17

Left: -5.742 ± 0.138 χ^2/NDF : 5312.4/37
 Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34
 In: -6.499 ± 0.181 χ^2/NDF : 2878.8/34
 Out: -5.455 ± 0.175 χ^2/NDF : 4603.3/37
 All: -5.961 ± 0.126 χ^2/NDF : 7499.3/72

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -67.896 ± 0.259 $\chi^2/\text{NDF}: 9054.6/19$

Right Out: -61.113 ± 0.708 $\chi^2/\text{NDF}: 1317.8/17$

Left In: -72.175 ± 0.268 $\chi^2/\text{NDF}: 4602.5/17$

Left: -69.961 ± 0.186 $\chi^2/\text{NDF}: 13788.8/37$

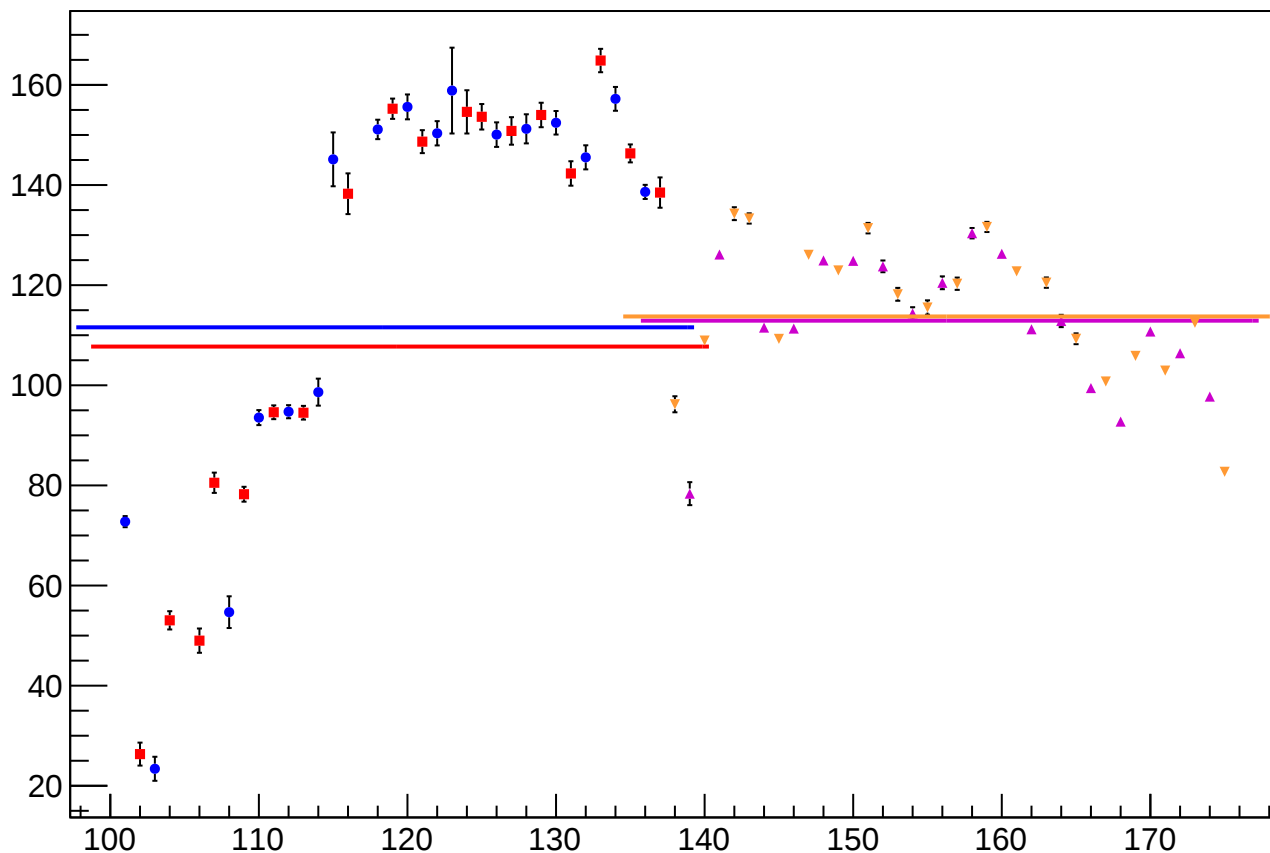
Right: -60.182 ± 0.513 $\chi^2/\text{NDF}: 3039.8/34$

In: -70.681 ± 0.252 $\chi^2/\text{NDF}: 6591.2/34$

Out: -67.095 ± 0.243 $\chi^2/\text{NDF}: 10453.4/37$

All: -68.822 ± 0.175 $\chi^2/\text{NDF}: 17149.3/72$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 113.749 $\pm$ 0.219 χ^2 /NDF:3856.3/19

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 112.909 $\pm$ 0.228 χ^2 /NDF:2415.9/17

Left: 113.345 $\pm$ 0.158 χ^2 /NDF: 6279.2/37

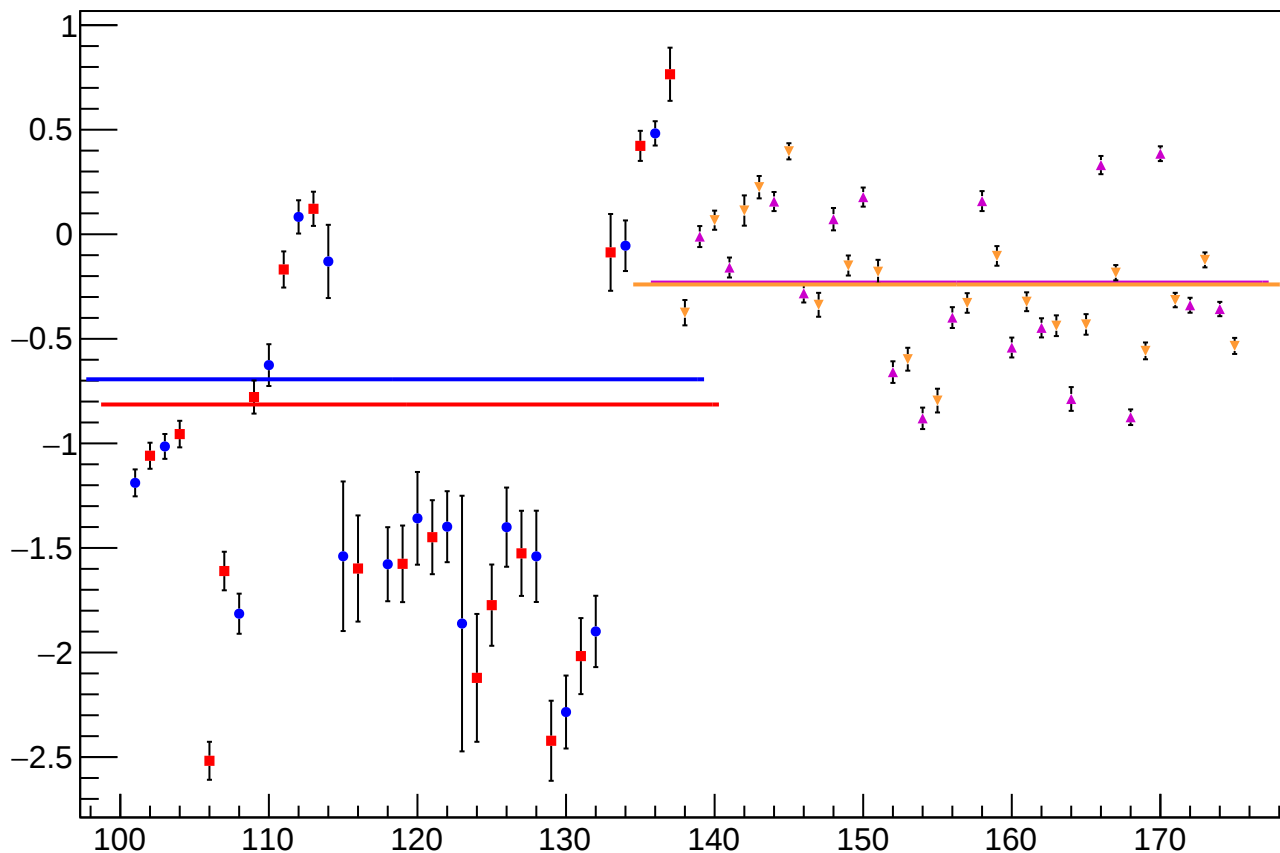
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 112.670 $\pm$ 0.207 χ^2 /NDF:8367.9/34

Out: 112.739 $\pm$ 0.200 χ^2 /NDF:10818.6/37

All: 112.705 $\pm$ 0.144 χ^2 /NDF: 19186.5/72

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 $\pm$ 0.026 χ^2 /NDF: 990.7/16

Left Out: -0.240 $\pm$ 0.010 χ^2 /NDF: 752.4/19

Right Out: -0.814 $\pm$ 0.024 χ^2 /NDF: 1308.8/17

Left In: -0.231 $\pm$ 0.010 χ^2 /NDF: 1463.8/17

Left: -0.236 $\pm$ 0.007 χ^2 /NDF: 2216.5/37

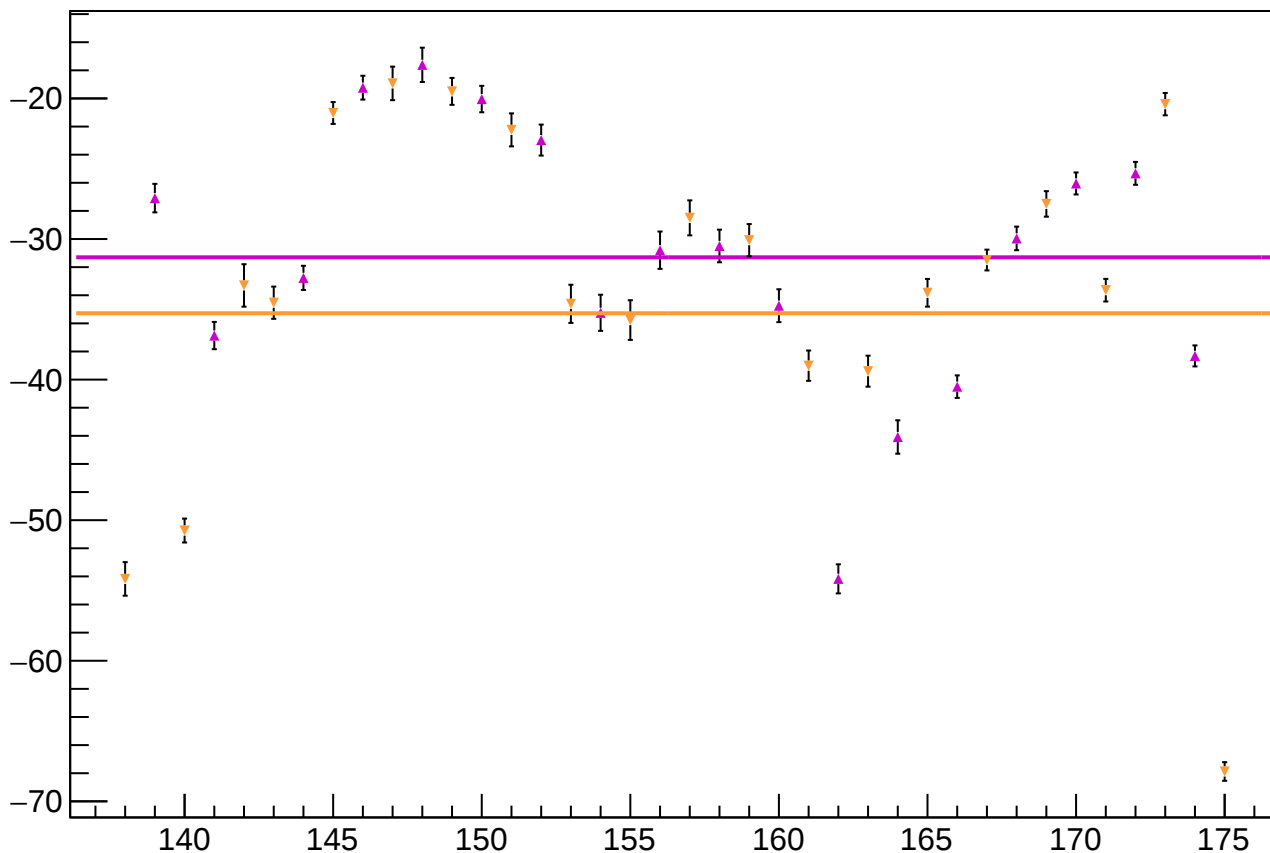
Right: -0.757 $\pm$ 0.018 χ^2 /NDF: 2310.9/34

In: -0.296 $\pm$ 0.010 χ^2 /NDF: 2730.5/34

Out: -0.325 $\pm$ 0.009 χ^2 /NDF: 2529.1/37

All: -0.311 $\pm$ 0.007 χ^2 /NDF: 5264.2/72

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



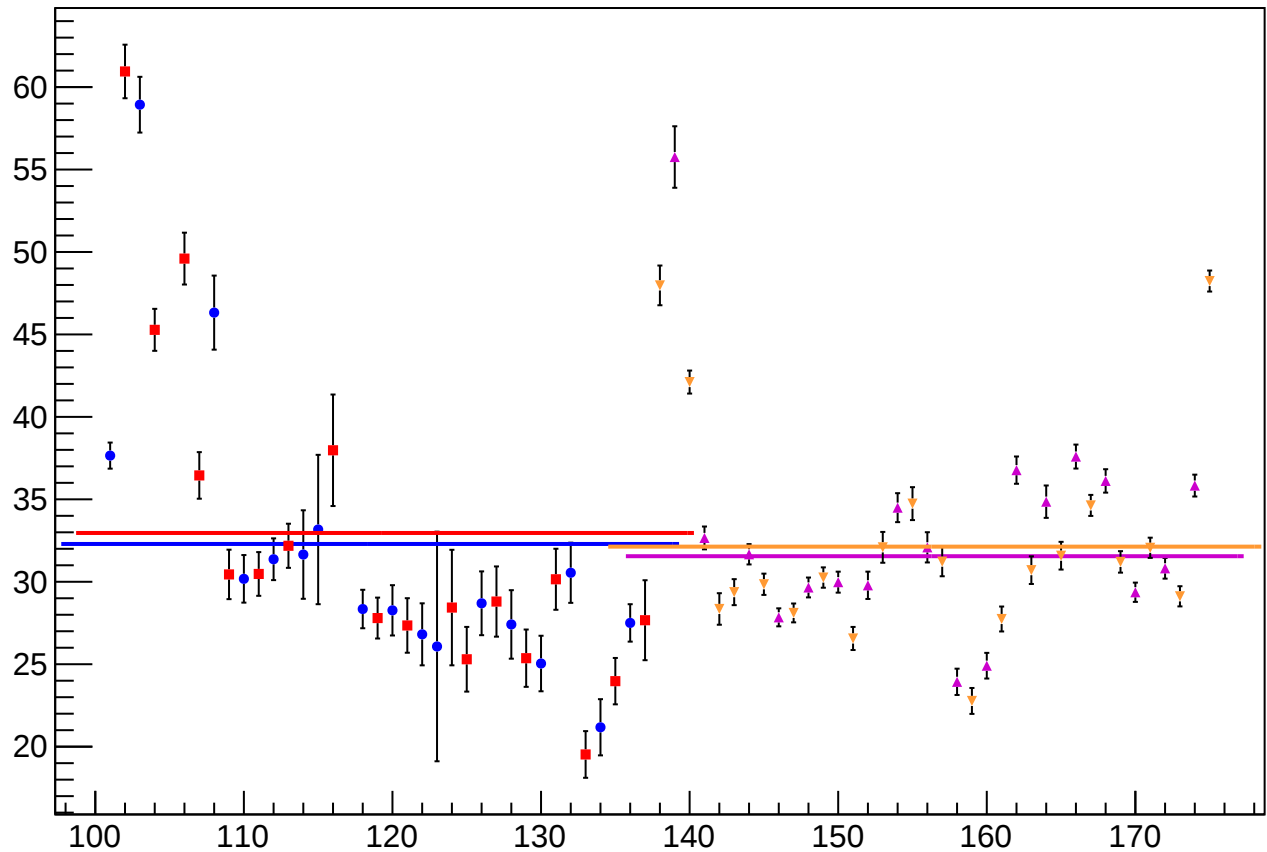
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -35.280 $\pm$ 0.218 χ^2 /NDF:4457.1/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.301 $\pm$ 0.226 χ^2 /NDF:1526.0/17

Left: -33.363 $\pm$ 0.157 χ^2 /NDF: 6143.9/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.301 $\pm$ 0.226 χ^2 /NDF:1526.0/17
 Out: -35.280 $\pm$ 0.218 χ^2 /NDF:4457.1/19

All: -33.363 $\pm$ 0.157 χ^2 /NDF: 6143.9/37

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: 32.131 ± 0.163 $\chi^2/\text{NDF}: 1407.0/19$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 31.551 ± 0.169 $\chi^2/\text{NDF}: 632.0/17$

Left: 31.852 ± 0.117 $\chi^2/\text{NDF}: 2045.1/37$

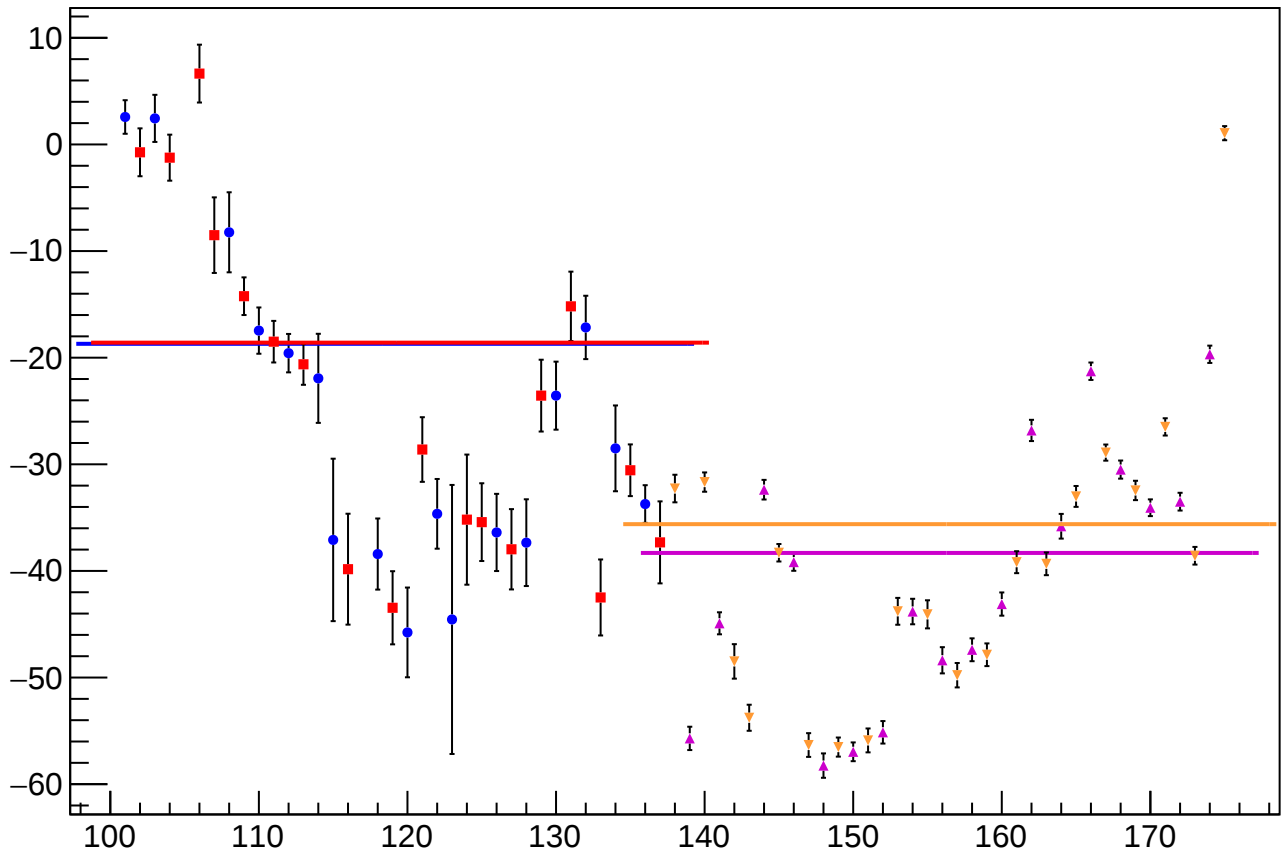
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.677 ± 0.154 $\chi^2/\text{NDF}: 1087.8/34$

Out: 32.259 ± 0.149 $\chi^2/\text{NDF}: 2135.1/37$

All: 31.977 ± 0.107 $\chi^2/\text{NDF}: 3230.2/72$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -35.614 ± 0.217 $\chi^2/\text{NDF}: 5235.1/19$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -38.313 ± 0.225 $\chi^2/\text{NDF}: 2770.8/17$

Left: -36.916 ± 0.156 $\chi^2/\text{NDF}: 8080.2/37$

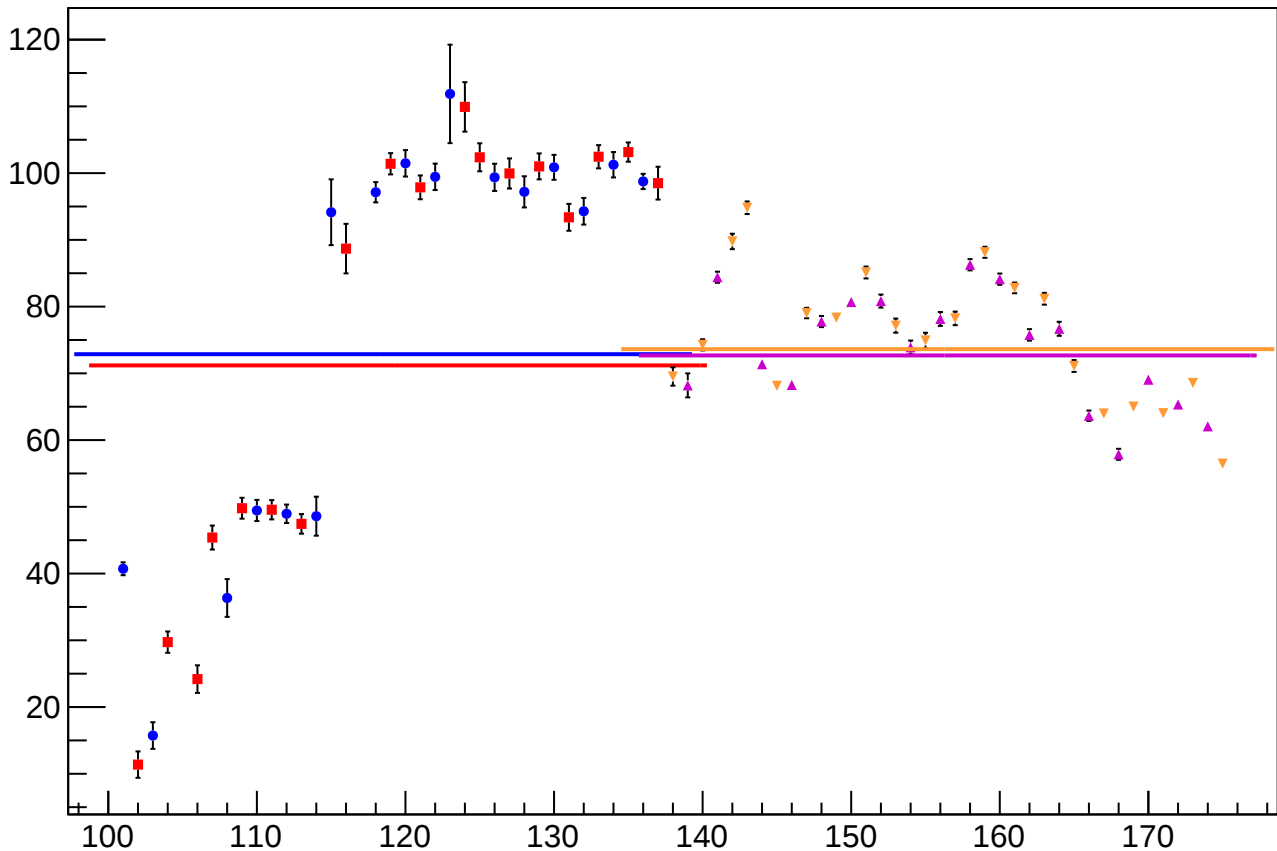
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -36.303 ± 0.213 $\chi^2/\text{NDF}: 4067.1/34$

Out: -33.889 ± 0.206 $\chi^2/\text{NDF}: 6317.5/37$

All: -35.054 ± 0.148 $\chi^2/\text{NDF}: 10450.8/72$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 73.624 $\pm$ 0.185 χ^2 /NDF: 2809.0/19

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 72.684 $\pm$ 0.193 χ^2 /NDF: 1810.3/17

Left: 73.173 $\pm$ 0.134 χ^2 /NDF: 4631.6/37

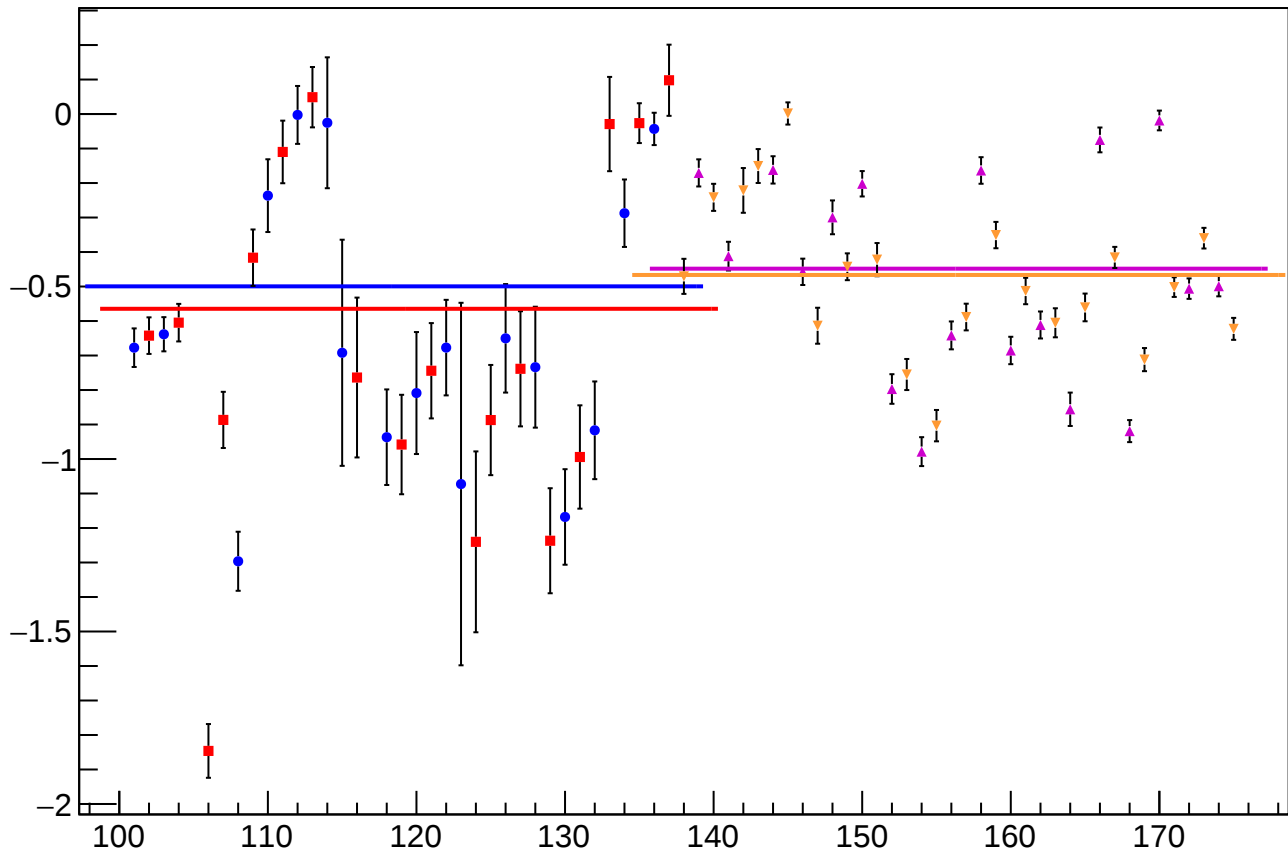
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 72.716 $\pm$ 0.176 χ^2 /NDF: 6537.5/34

Out: 73.249 $\pm$ 0.170 χ^2 /NDF: 8210.8/37

All: 72.991 $\pm$ 0.122 χ^2 /NDF: 14753.0/72

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: -0.467 ± 0.009 χ^2/NDF : 574.3/19

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.448 ± 0.009 χ^2/NDF : 1142.1/17

Left: -0.458 ± 0.006 χ^2/NDF : 1718.6/37

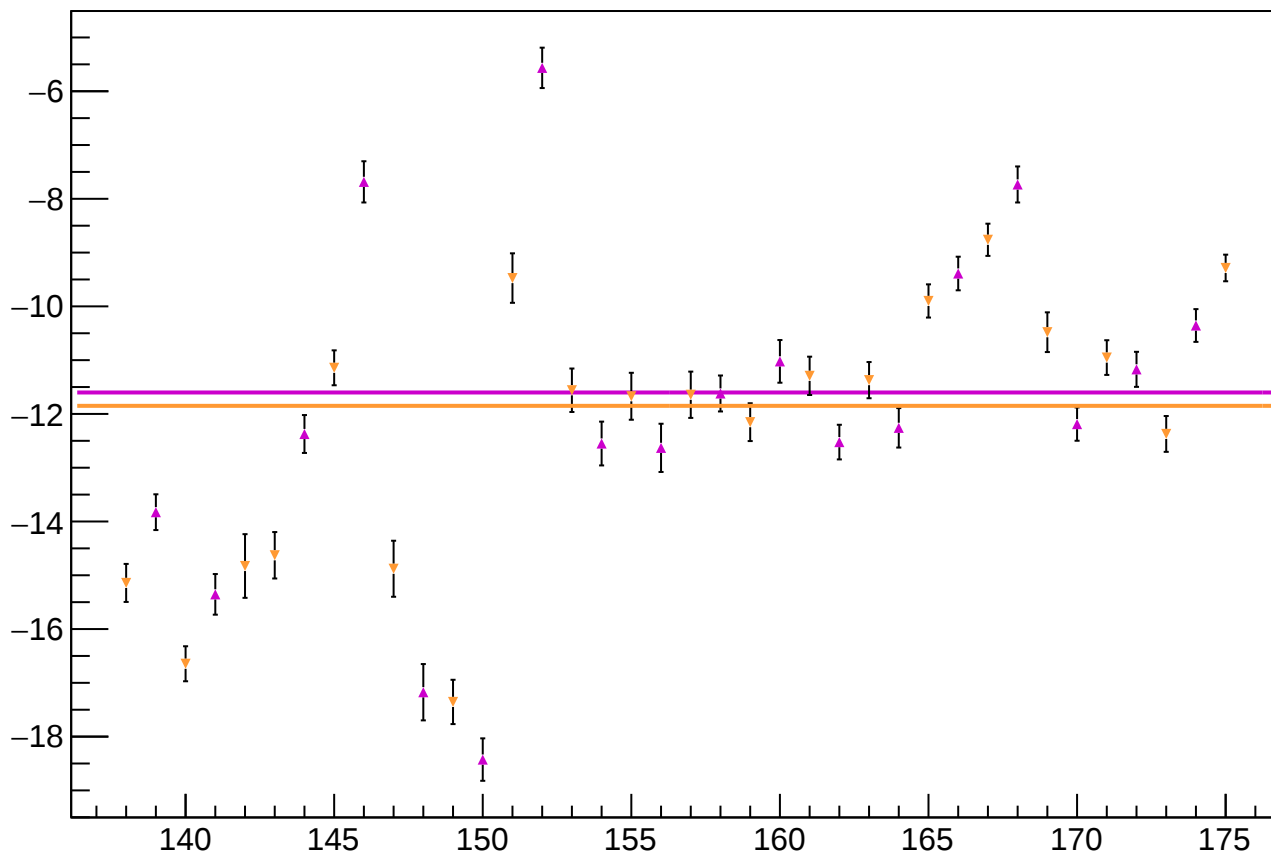
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.455 ± 0.008 χ^2/NDF : 1449.3/34

Out: -0.480 ± 0.008 χ^2/NDF : 1151.6/37

All: -0.468 ± 0.006 χ^2/NDF : 2605.6/72

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: -11.850 $\pm$ 0.080 χ^2/NDF :898.2/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.601 $\pm$ 0.084 χ^2/NDF :1153.4/17

Left: -11.731 $\pm$ 0.058 χ^2/NDF : 2056.2/37

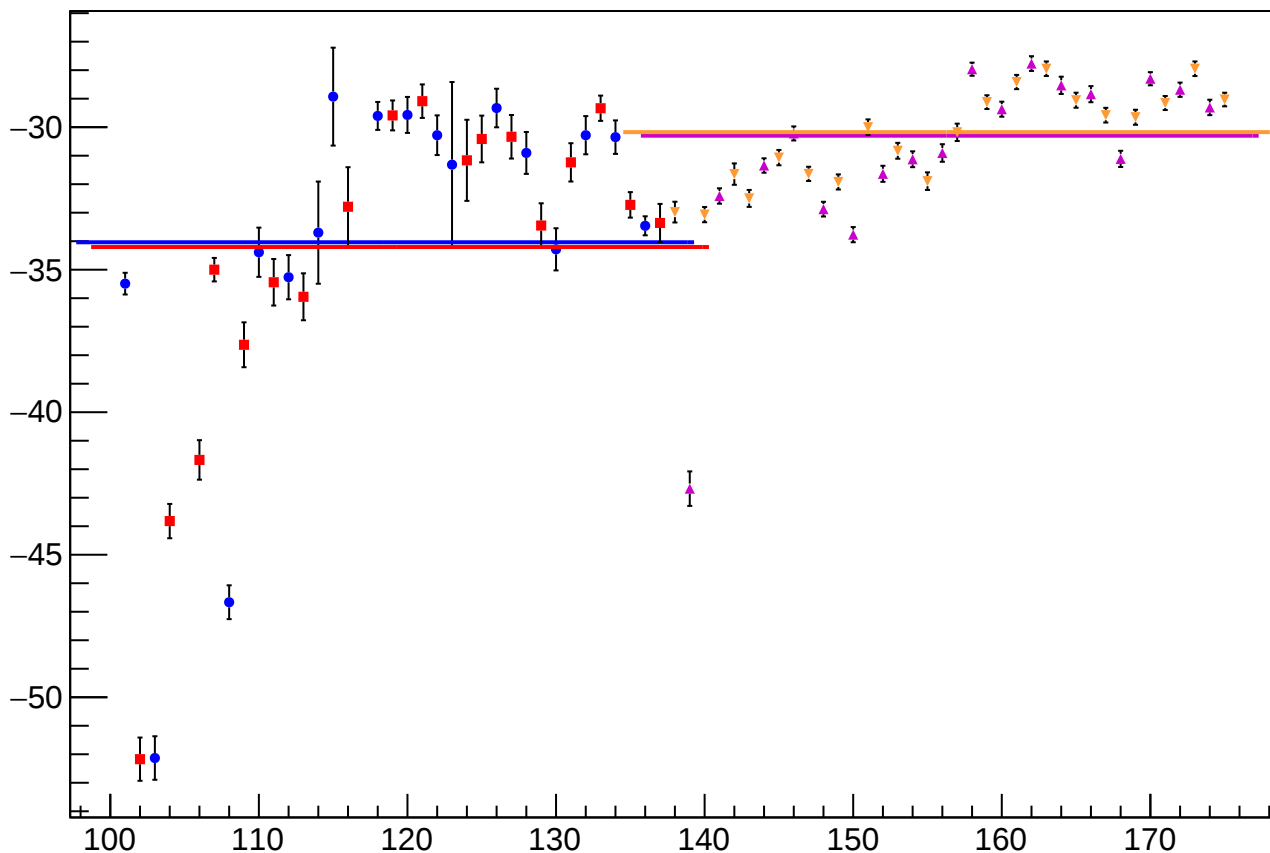
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.601 $\pm$ 0.084 χ^2/NDF :1153.4/17

Out: -11.850 $\pm$ 0.080 χ^2/NDF :898.2/19

All: -11.731 $\pm$ 0.058 χ^2/NDF : 2056.2/37

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: -30.174 ± 0.061 χ^2/NDF : 665.0/19

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.298 ± 0.064 χ^2/NDF : 1209.8/17

Left: -30.233 ± 0.044 χ^2/NDF : 1876.8/37

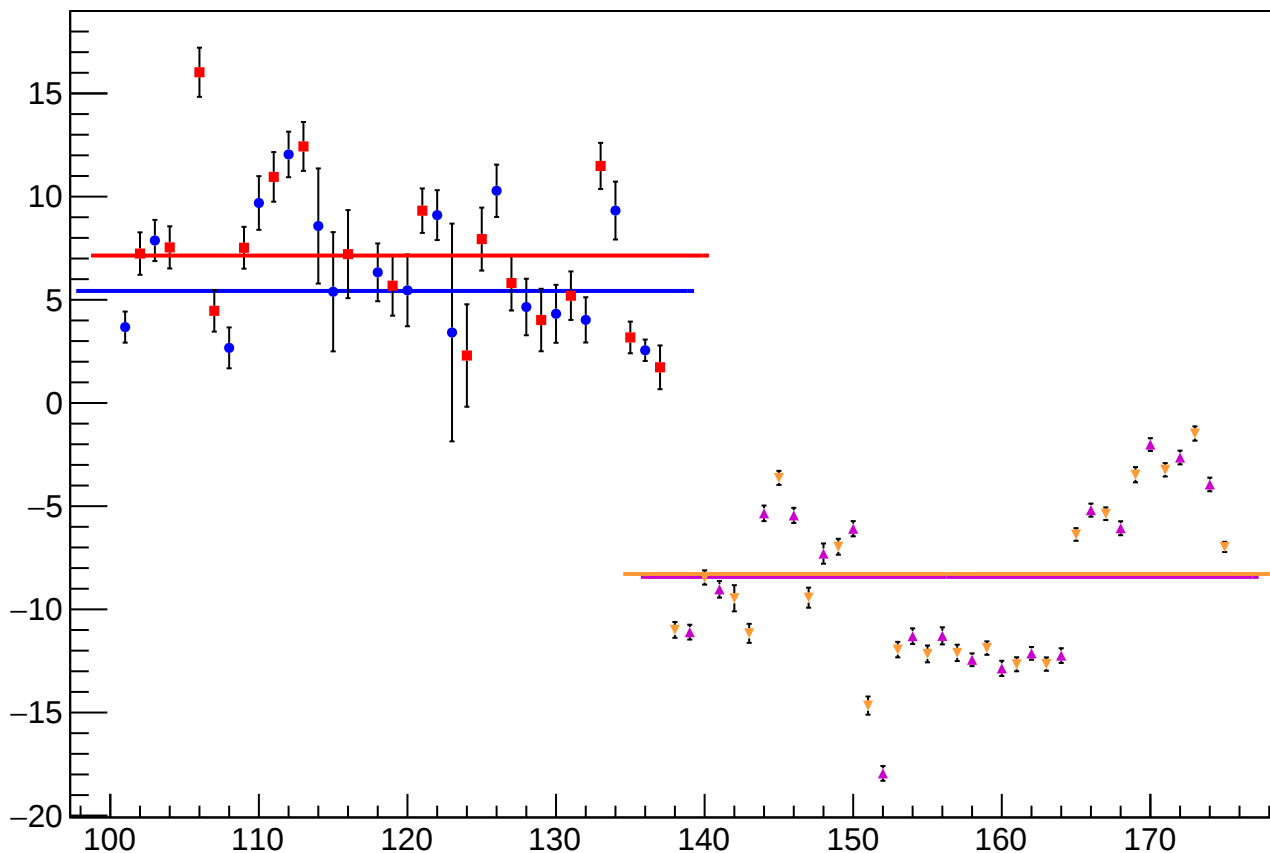
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.865 ± 0.059 χ^2/NDF : 3074.0/34

Out: -30.733 ± 0.056 χ^2/NDF : 2601.0/37

All: -30.796 ± 0.041 χ^2/NDF : 5677.6/72

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -8.284 ± 0.080 χ^2/NDF : 2205.1/19

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -8.427 ± 0.083 χ^2/NDF : 2679.9/17

Left: -8.352 ± 0.058 χ^2/NDF : 4886.6/37

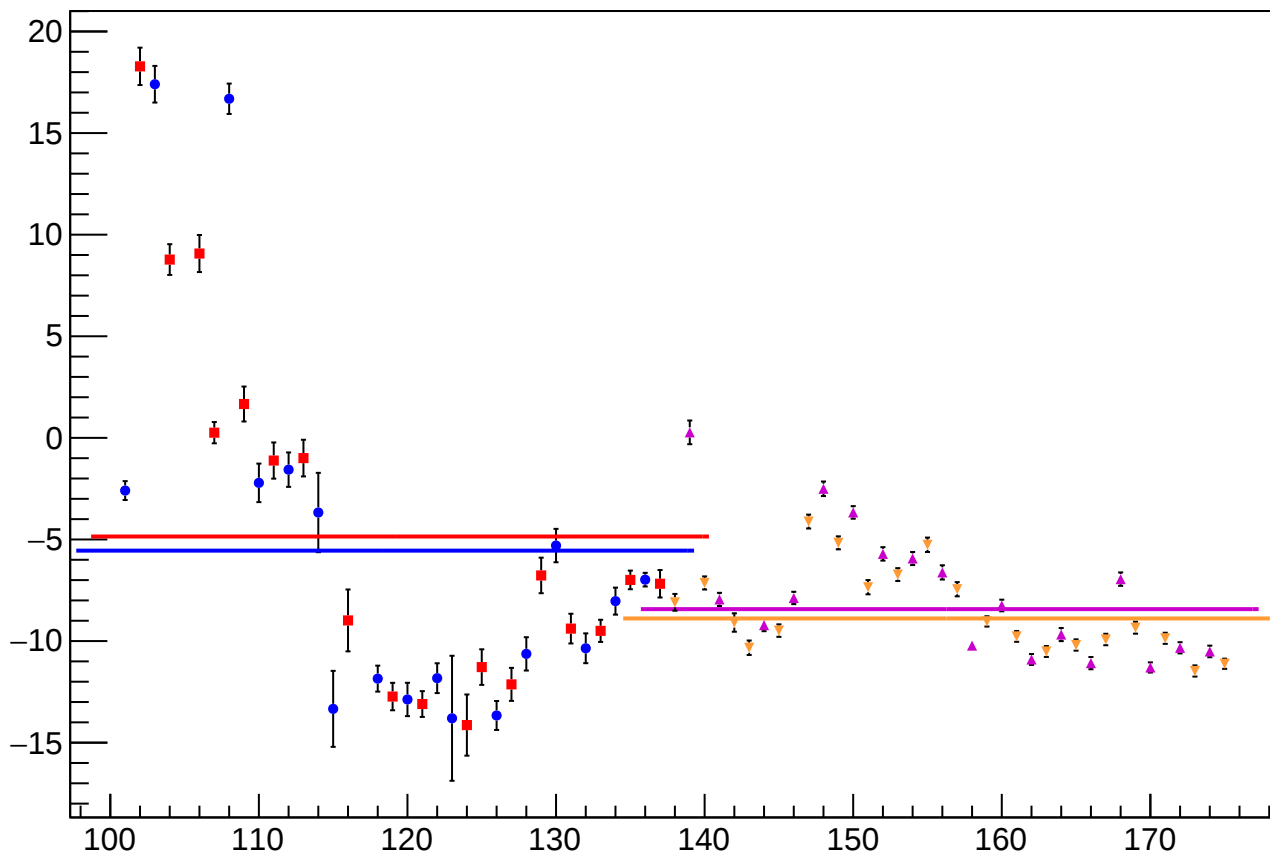
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -7.218 ± 0.080 χ^2/NDF : 5218.2/34

Out: -7.084 ± 0.077 χ^2/NDF : 5287.1/37

All: -7.148 ± 0.055 χ^2/NDF : 10506.7/72

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: -8.888 ± 0.068 χ^2/NDF : 835.4/19

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.428 ± 0.072 χ^2/NDF : 1383.3/17

Left: -8.669 ± 0.050 χ^2/NDF : 2240.1/37

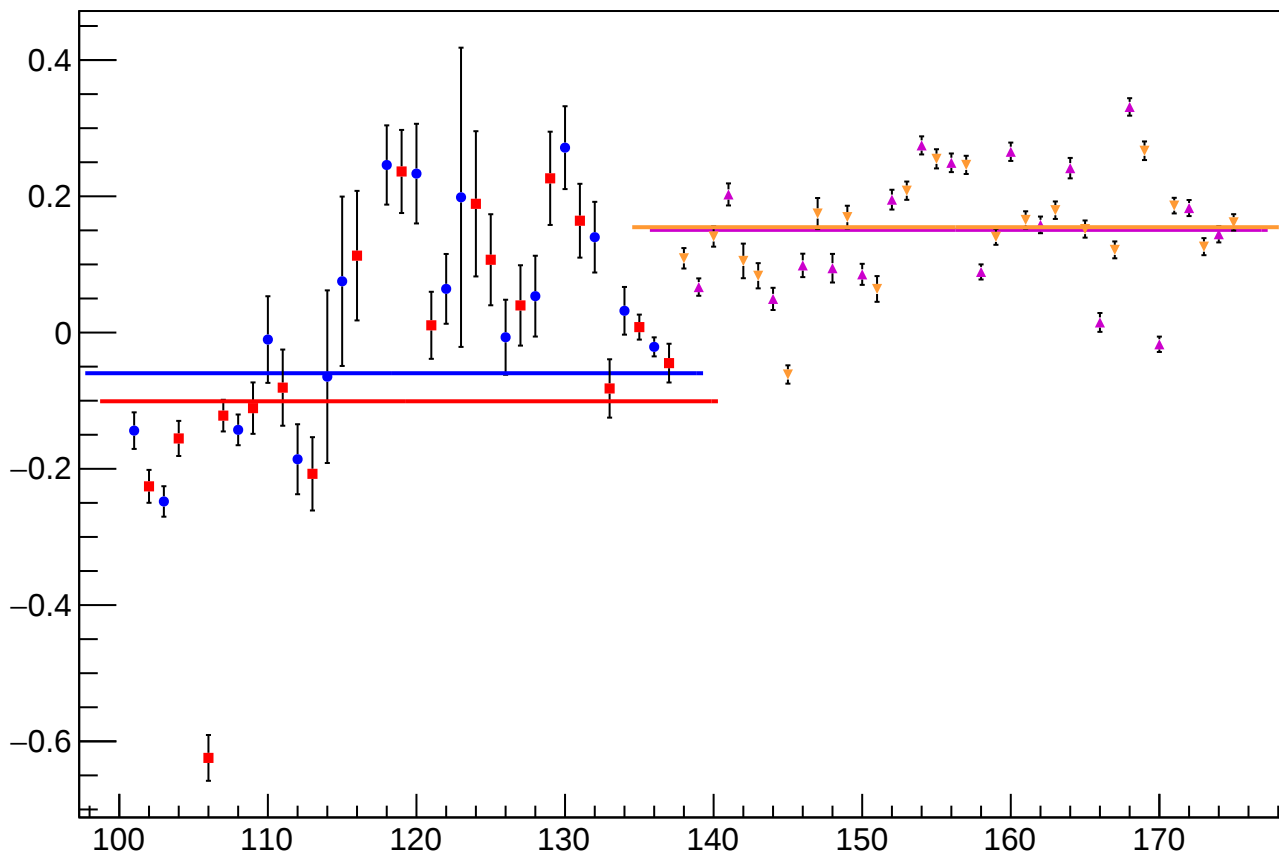
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -7.992 ± 0.066 χ^2/NDF : 3752.9/34

Out: -8.342 ± 0.064 χ^2/NDF : 3319.3/37

All: -8.174 ± 0.046 χ^2/NDF : 7086.7/72

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: 0.155 ± 0.003 χ^2/NDF : 519.4/19

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.151 ± 0.003 χ^2/NDF : 939.4/17

Left: 0.153 ± 0.002 χ^2/NDF : 1459.5/37

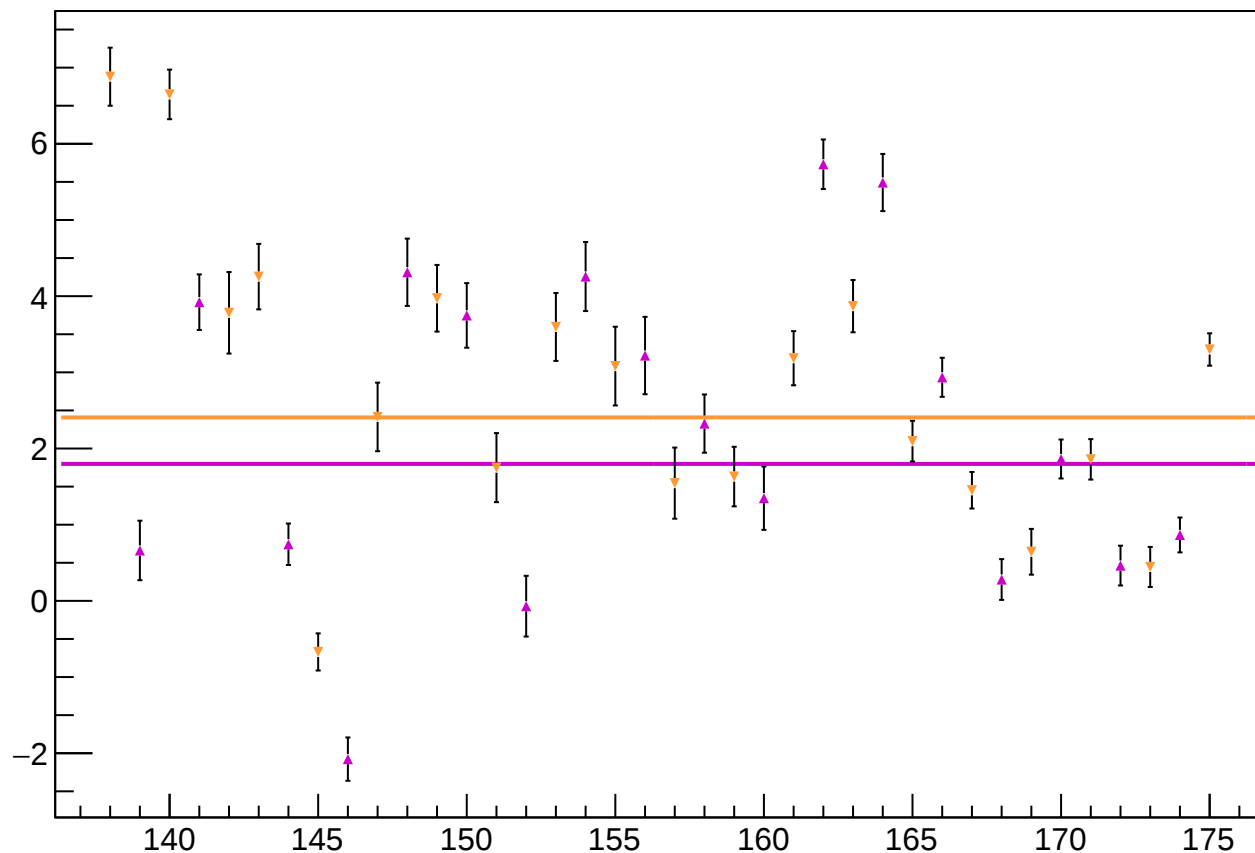
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.124 ± 0.003 χ^2/NDF : 1704.3/34

Out: 0.124 ± 0.003 χ^2/NDF : 1753.1/37

All: 0.124 ± 0.002 χ^2/NDF : 3457.4/72

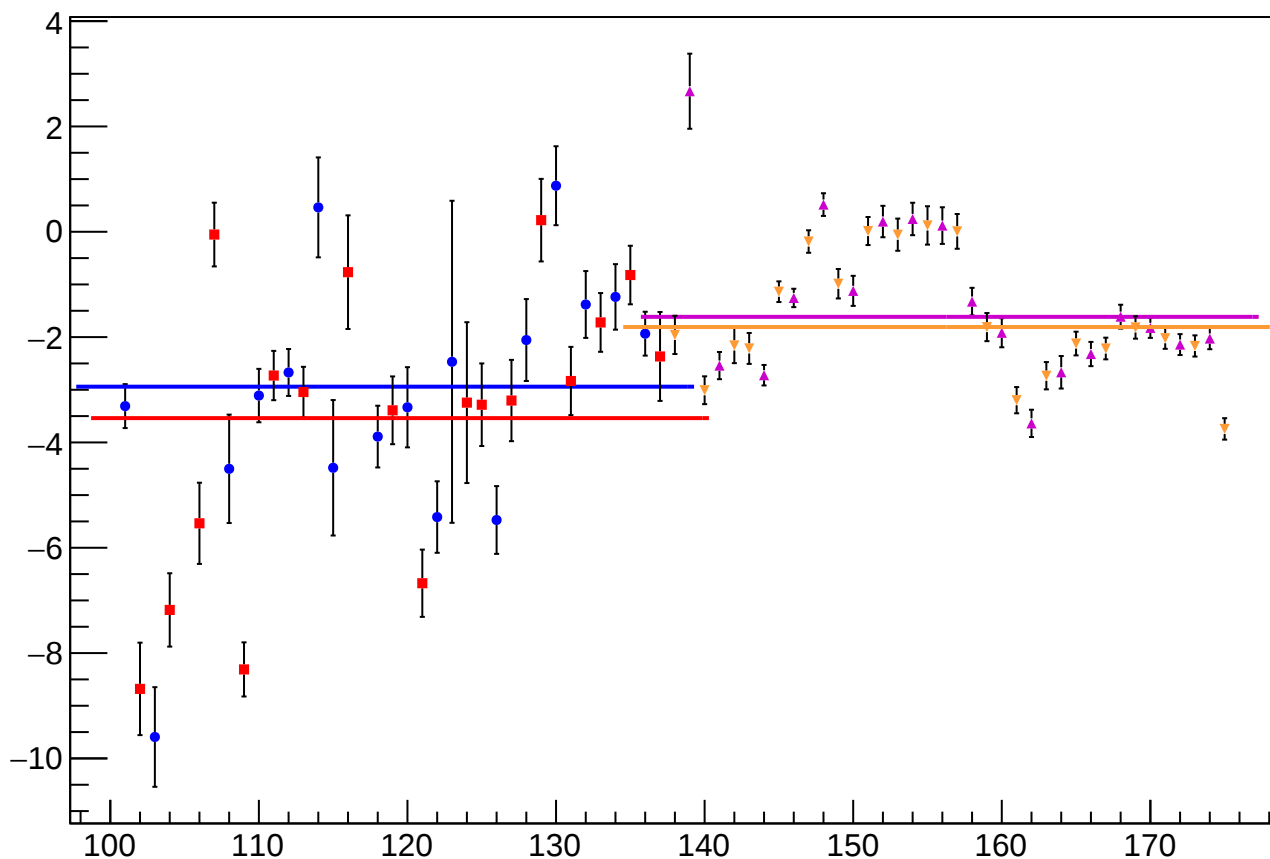
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.408 $\pm$ 0.073 χ^2/NDF :675.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 1.798 $\pm$ 0.076 χ^2/NDF :696.4/17

Left: 2.115 $\pm$ 0.053 χ^2/NDF : 1405.3/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 1.798 $\pm$ 0.076 χ^2/NDF :696.4/17
 Out: 2.408 $\pm$ 0.073 χ^2/NDF :675.5/19
 All: 2.115 $\pm$ 0.053 χ^2/NDF : 1405.3/37

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.809 ± 0.055 $\chi^2/\text{NDF}: 384.2/19$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -1.615 ± 0.057 $\chi^2/\text{NDF}: 381.4/17$

Left: -1.715 ± 0.040 $\chi^2/\text{NDF}: 771.6/37$

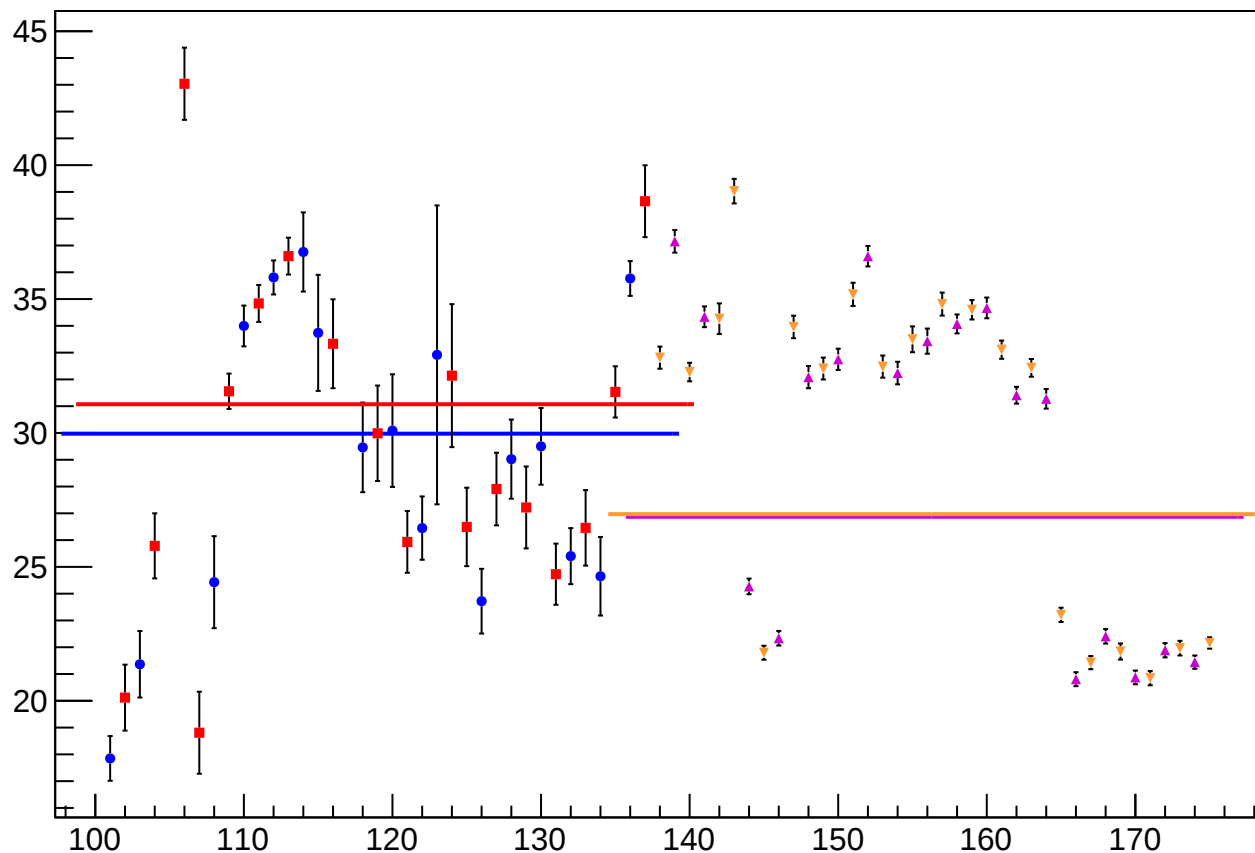
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -1.774 ± 0.053 $\chi^2/\text{NDF}: 592.1/34$

Out: -2.004 ± 0.052 $\chi^2/\text{NDF}: 778.8/37$

All: -1.892 ± 0.037 $\chi^2/\text{NDF}: 1380.4/72$

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: 26.969 $\pm$ 0.073 χ^2 /NDF: 6603.2/19

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 26.871 $\pm$ 0.076 χ^2 /NDF: 6070.5/17

Left: 26.922 $\pm$ 0.053 χ^2 /NDF: 12674.5/37

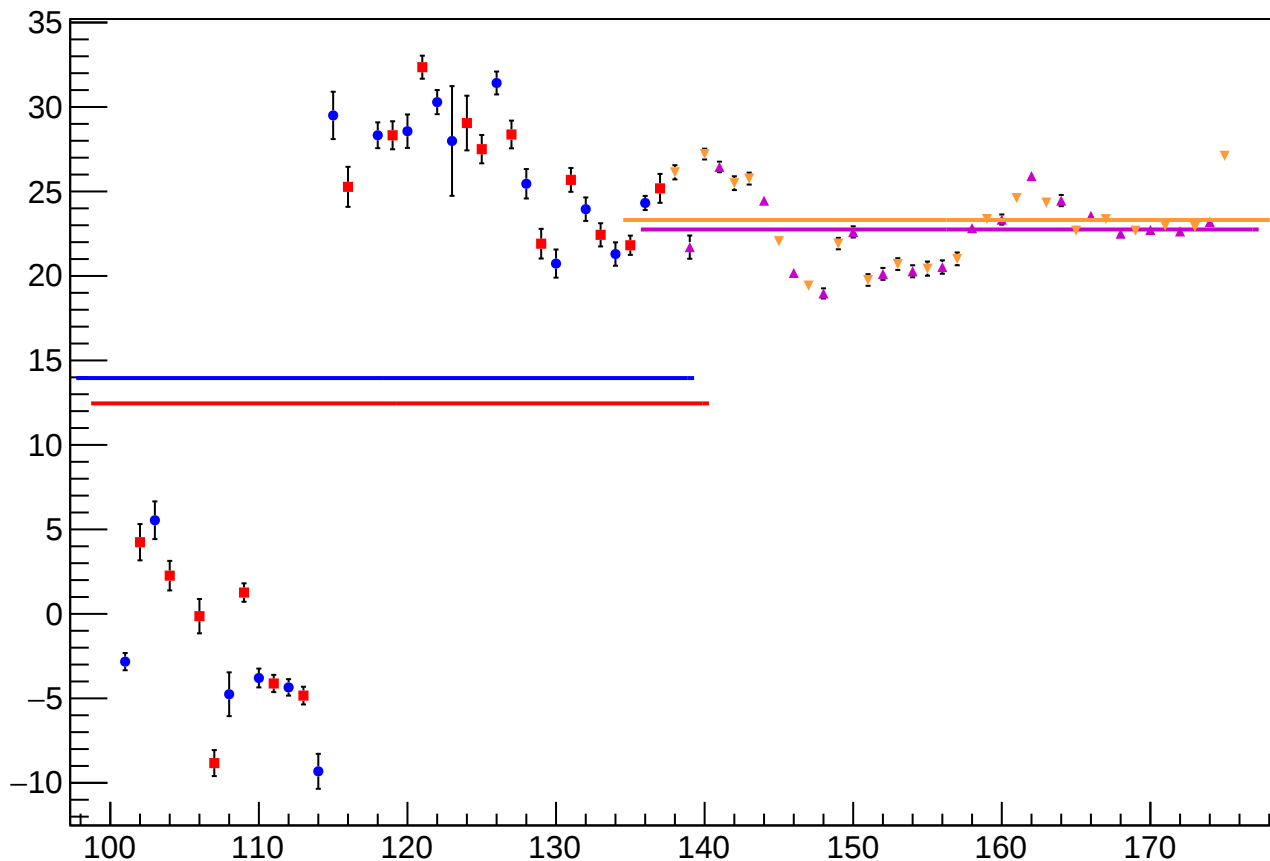
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 27.104 $\pm$ 0.073 χ^2 /NDF: 6749.1/34

Out: 27.271 $\pm$ 0.071 χ^2 /NDF: 7286.5/37

All: 27.190 $\pm$ 0.051 χ^2 /NDF: 14038.4/72

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.313 $\pm$ 0.062 χ^2 /NDF:1112.2/19

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.751 $\pm$ 0.065 χ^2 /NDF:812.5/17

Left: 23.042 $\pm$ 0.045 χ^2 /NDF: 1963.9/37

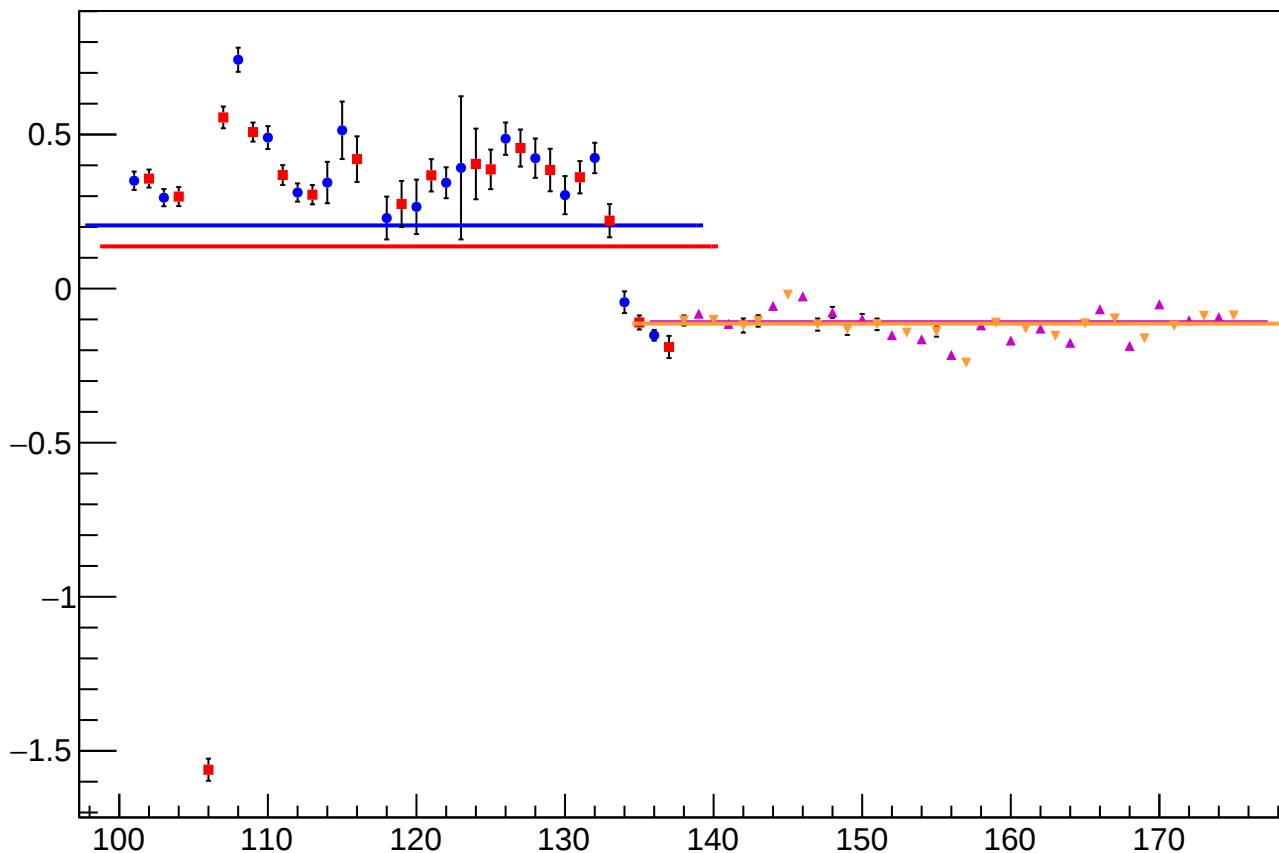
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 21.663 $\pm$ 0.061 χ^2 /NDF:10443.7/34

Out: 22.071 $\pm$ 0.059 χ^2 /NDF:11549.9/37

All: 21.873 $\pm$ 0.042 χ^2 /NDF: 22017.0/72

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.114 ± 0.003 χ^2/NDF : 216.2/19

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.109 ± 0.003 χ^2/NDF : 289.2/17

Left: -0.111 ± 0.002 χ^2/NDF : 506.6/37

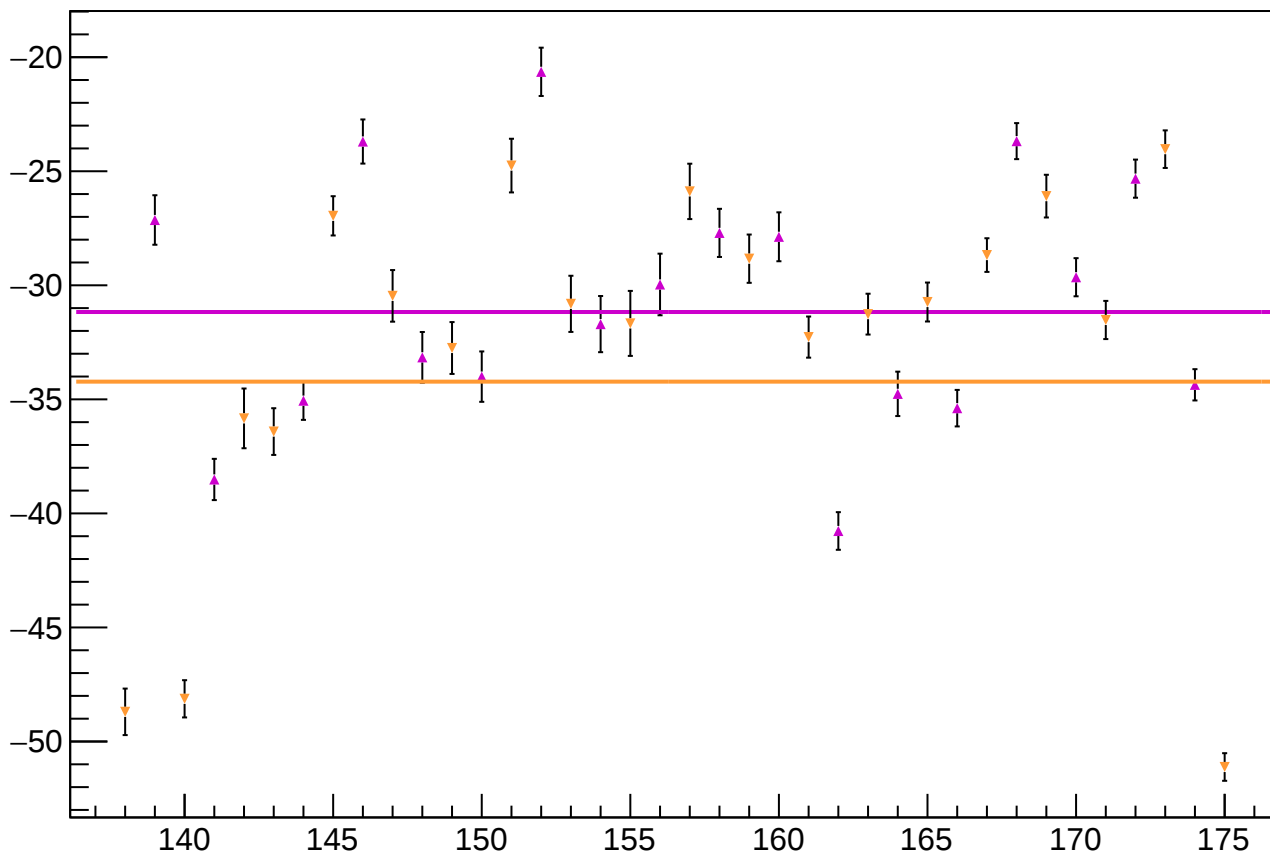
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.081 ± 0.003 χ^2/NDF : 2158.4/34

Out: -0.091 ± 0.003 χ^2/NDF : 3897.1/37

All: -0.086 ± 0.002 χ^2/NDF : 6062.5/72

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



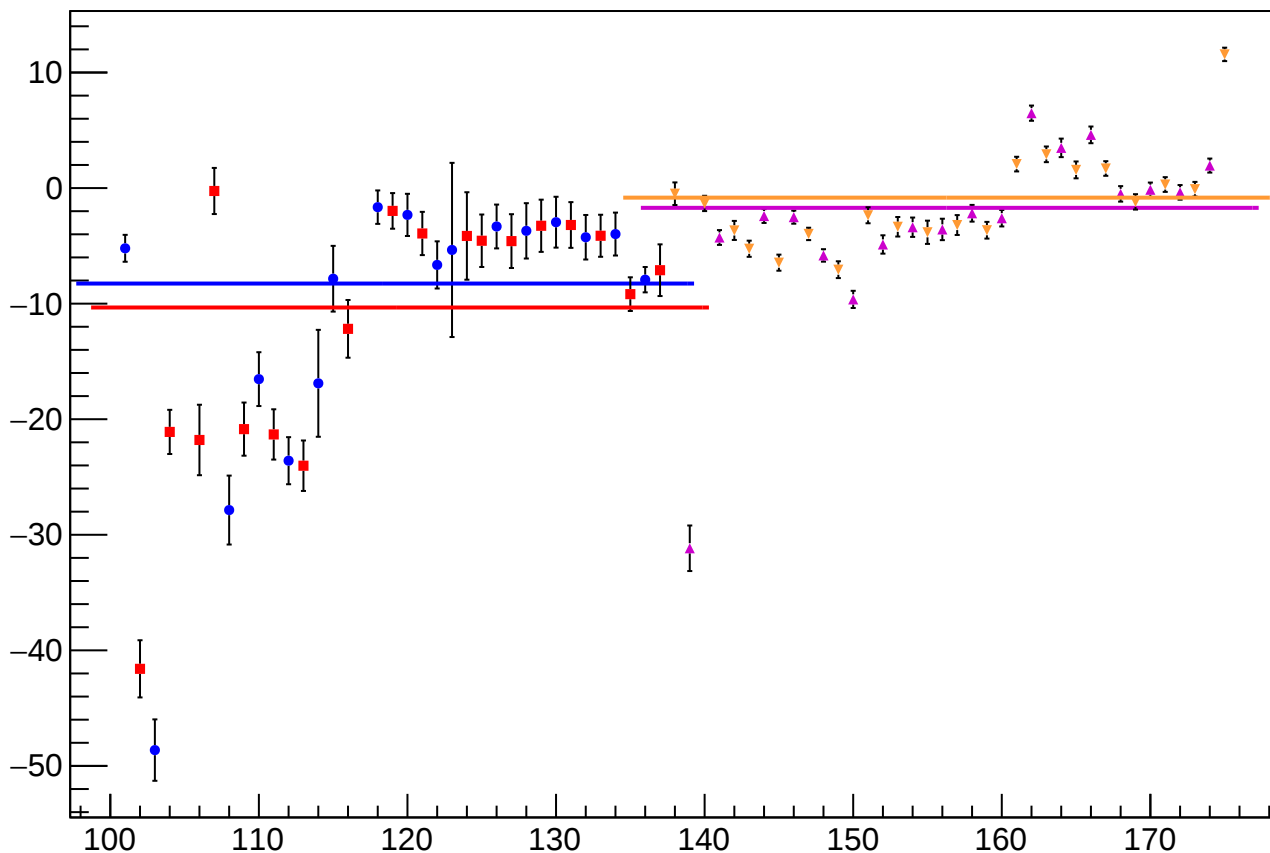
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -34.224 ± 0.209 χ^2/NDF : 1837.8/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -31.171 ± 0.220 χ^2/NDF : 631.2/17

Left: -32.770 ± 0.152 χ^2/NDF : 2570.3/37
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -31.171 ± 0.220 χ^2/NDF : 631.2/17
 Out: -34.224 ± 0.209 χ^2/NDF : 1837.8/19

All: -32.770 ± 0.152 χ^2/NDF : 2570.3/37

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -0.827 ± 0.156 $\chi^2/\text{NDF}: 809.0/19$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -1.710 ± 0.163 $\chi^2/\text{NDF}: 763.9/17$

Left: -1.249 ± 0.113 $\chi^2/\text{NDF}: 1588.3/37$

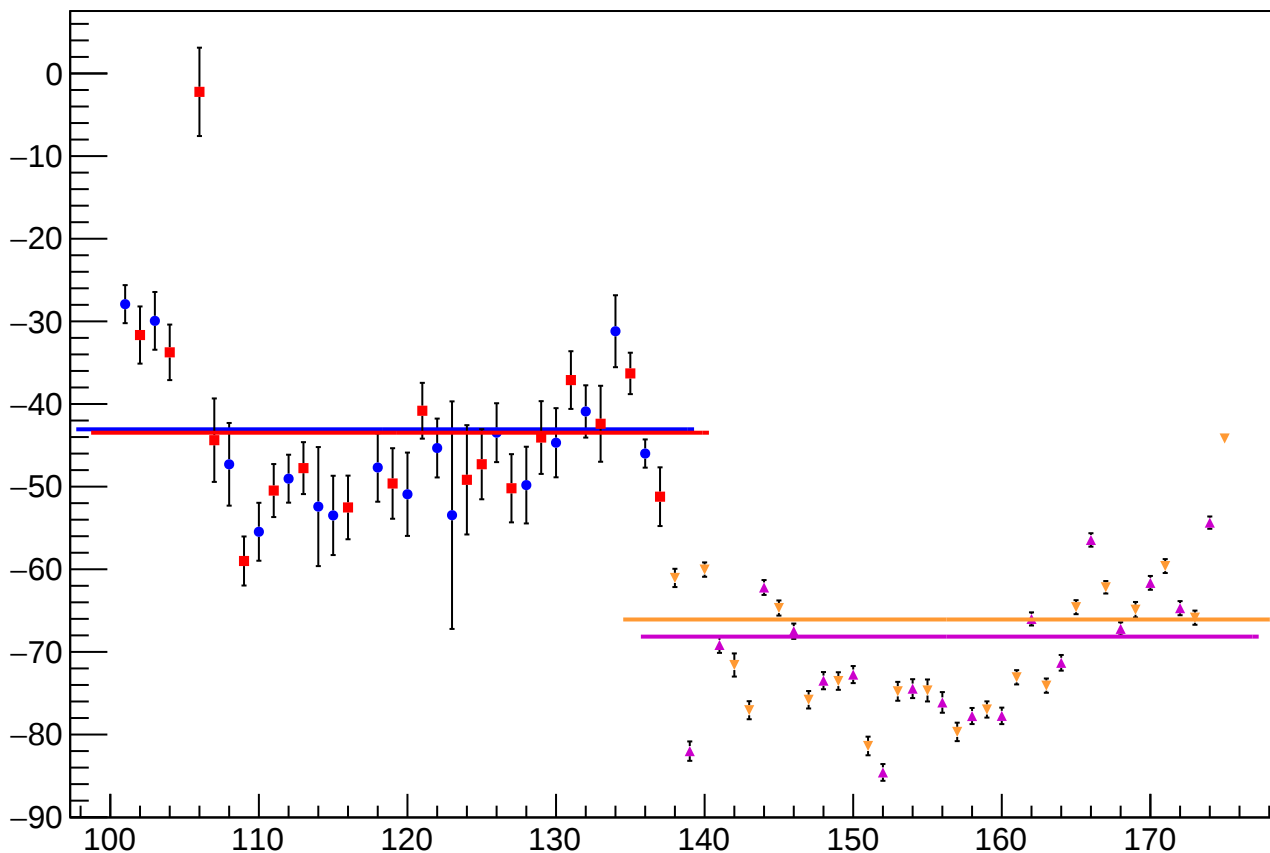
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -2.433 ± 0.154 $\chi^2/\text{NDF}: 1354.2/34$

Out: -1.695 ± 0.148 $\chi^2/\text{NDF}: 1560.4/37$

All: -2.051 ± 0.107 $\chi^2/\text{NDF}: 2926.6/72$

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: -66.077 ± 0.209 $\chi^2/\text{NDF}: 2427.7/19$
 Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$
 Left In: -68.150 ± 0.219 $\chi^2/\text{NDF}: 1401.3/17$

Left: -67.066 ± 0.151 $\chi^2/\text{NDF}: 3876.0/37$

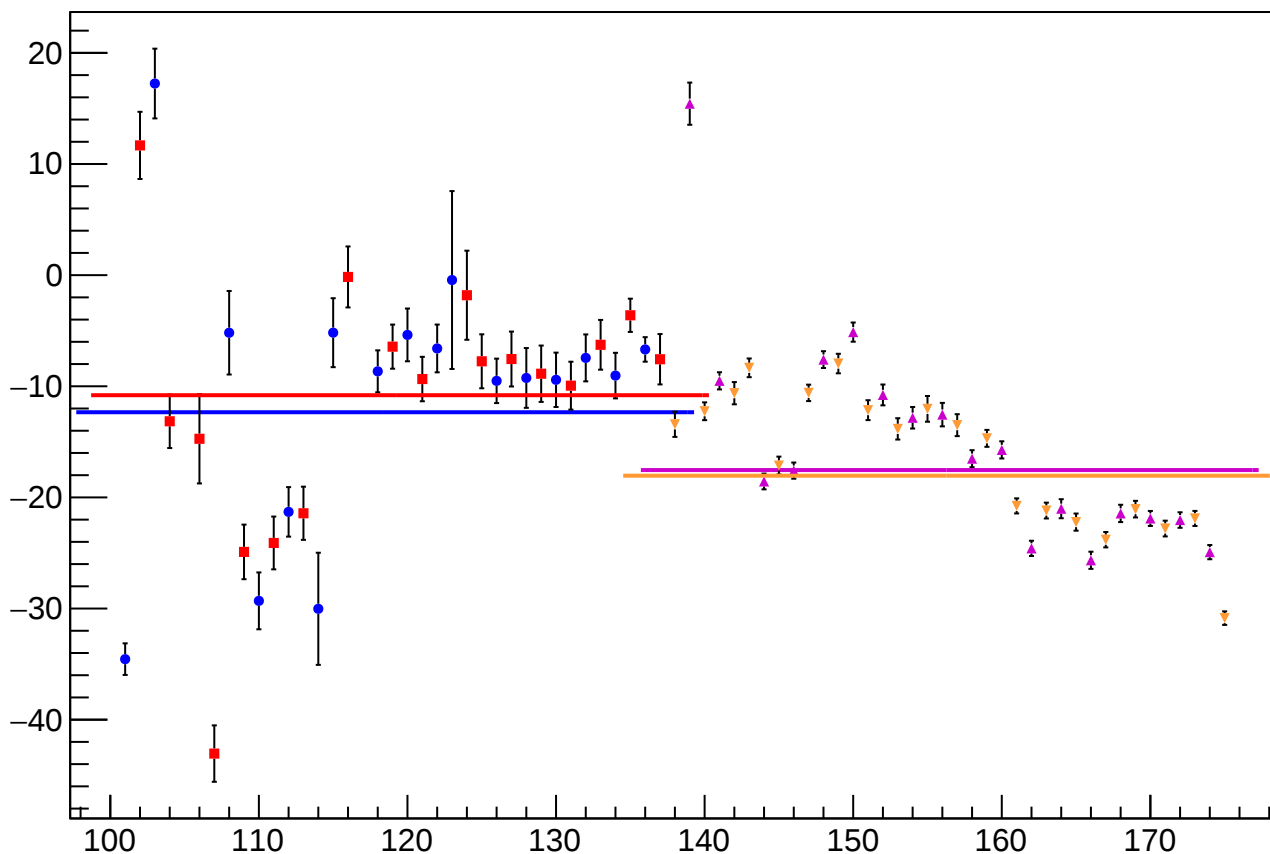
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -66.539 ± 0.212 $\chi^2/\text{NDF}: 2344.4/34$

Out: -64.840 ± 0.203 $\chi^2/\text{NDF}: 3209.9/37$

All: -65.655 ± 0.147 $\chi^2/\text{NDF}: 5587.8/72$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -18.047 ± 0.177 χ^2/NDF : 1290.9/19

Right Out: -10.804 ± 0.554 χ^2/NDF : 361.4/17

Left In: -17.540 ± 0.186 χ^2/NDF : 1370.0/17

Left: -17.805 ± 0.128 χ^2/NDF : 2664.7/37

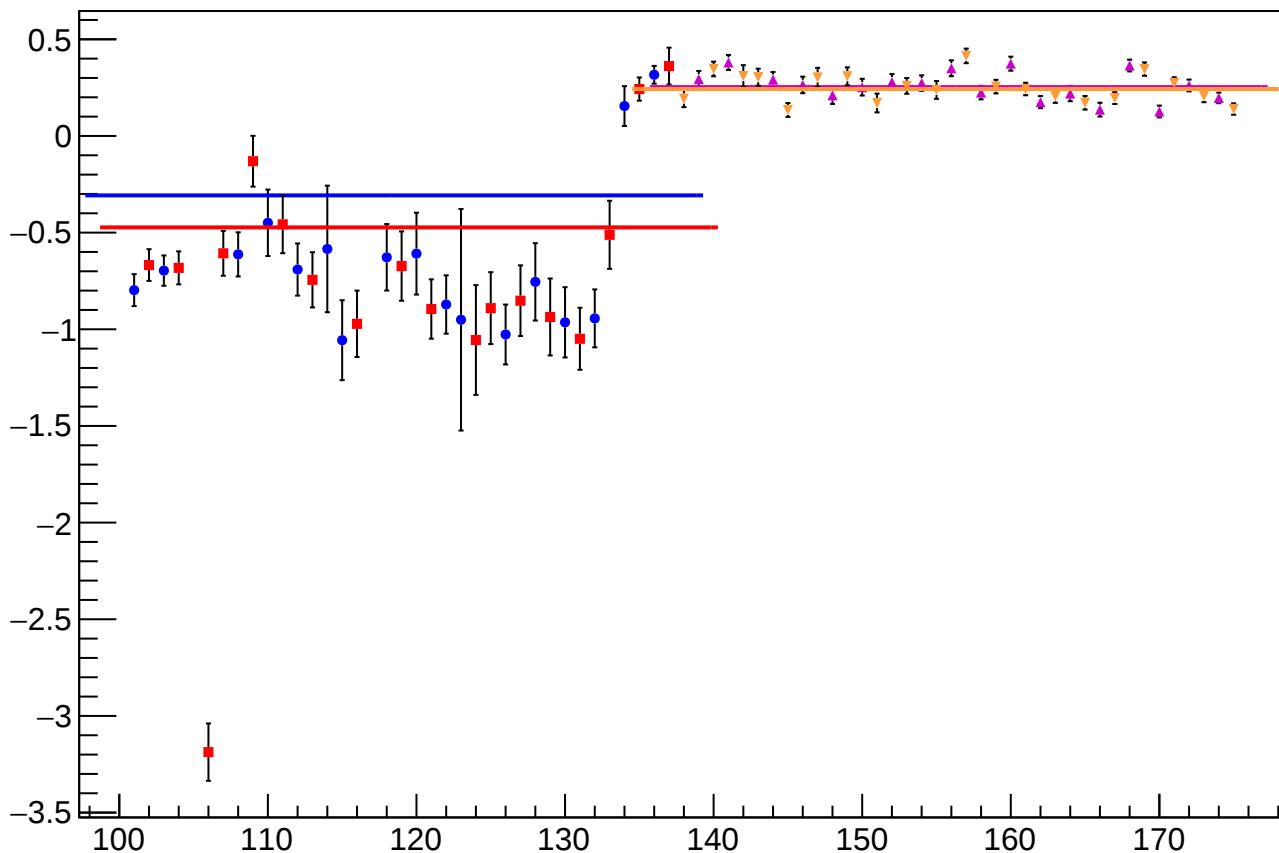
Right: -11.618 ± 0.379 χ^2/NDF : 840.6/34

In: -16.950 ± 0.175 χ^2/NDF : 1933.8/34

Out: -17.373 ± 0.169 χ^2/NDF : 1807.4/37

All: -17.169 ± 0.122 χ^2/NDF : 3744.2/72

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: 0.243 ± 0.008 χ^2/NDF : 79.4/19

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.253 ± 0.008 χ^2/NDF : 84.0/17

Left: 0.248 ± 0.006 χ^2/NDF : 164.1/37

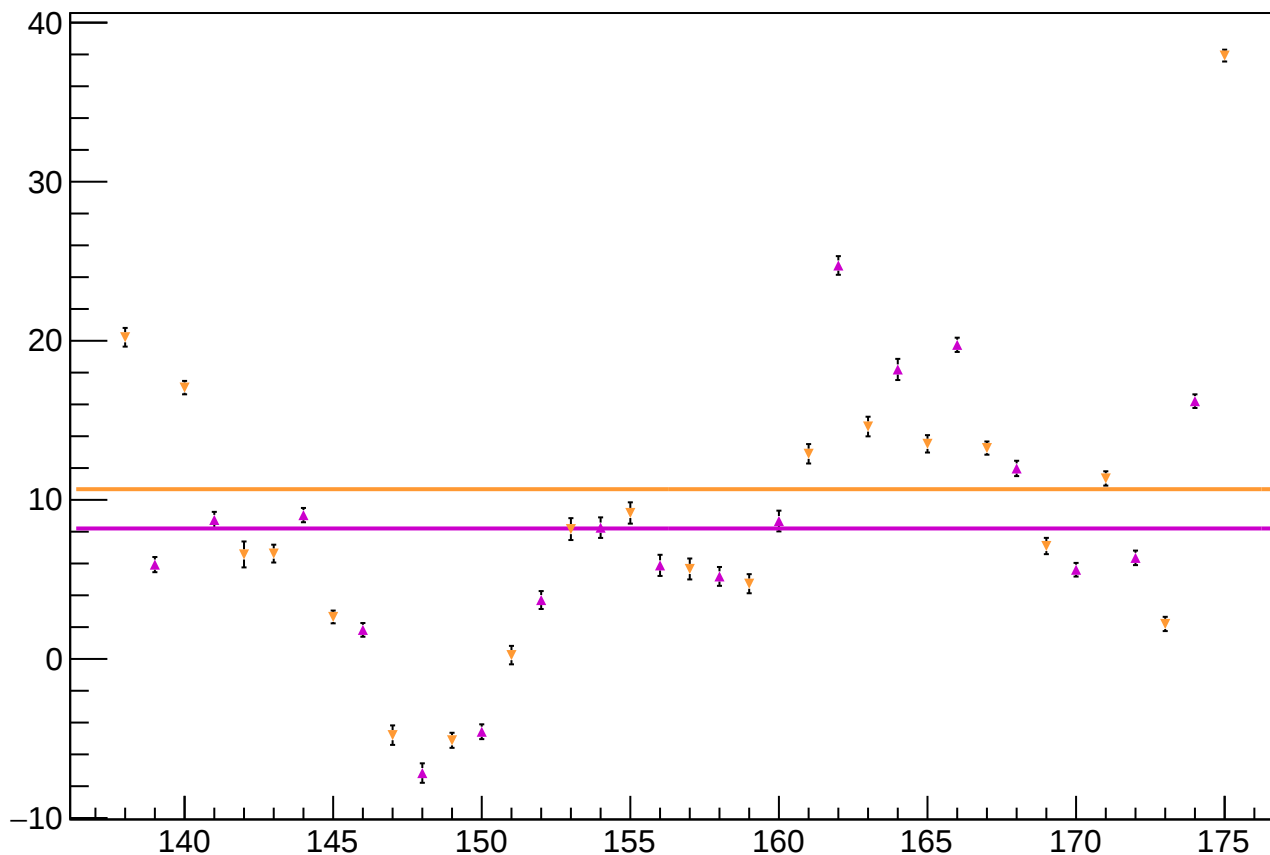
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.204 ± 0.008 χ^2/NDF : 834.1/34

Out: 0.187 ± 0.008 χ^2/NDF : 1283.0/37

All: 0.196 ± 0.006 χ^2/NDF : 2119.2/72

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.671+/-0.116 χ^2/NDF :9095.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 8.202+/-0.120 χ^2/NDF :3875.1/17

Left: 9.483+/-0.084 χ^2/NDF : 13188.9/37

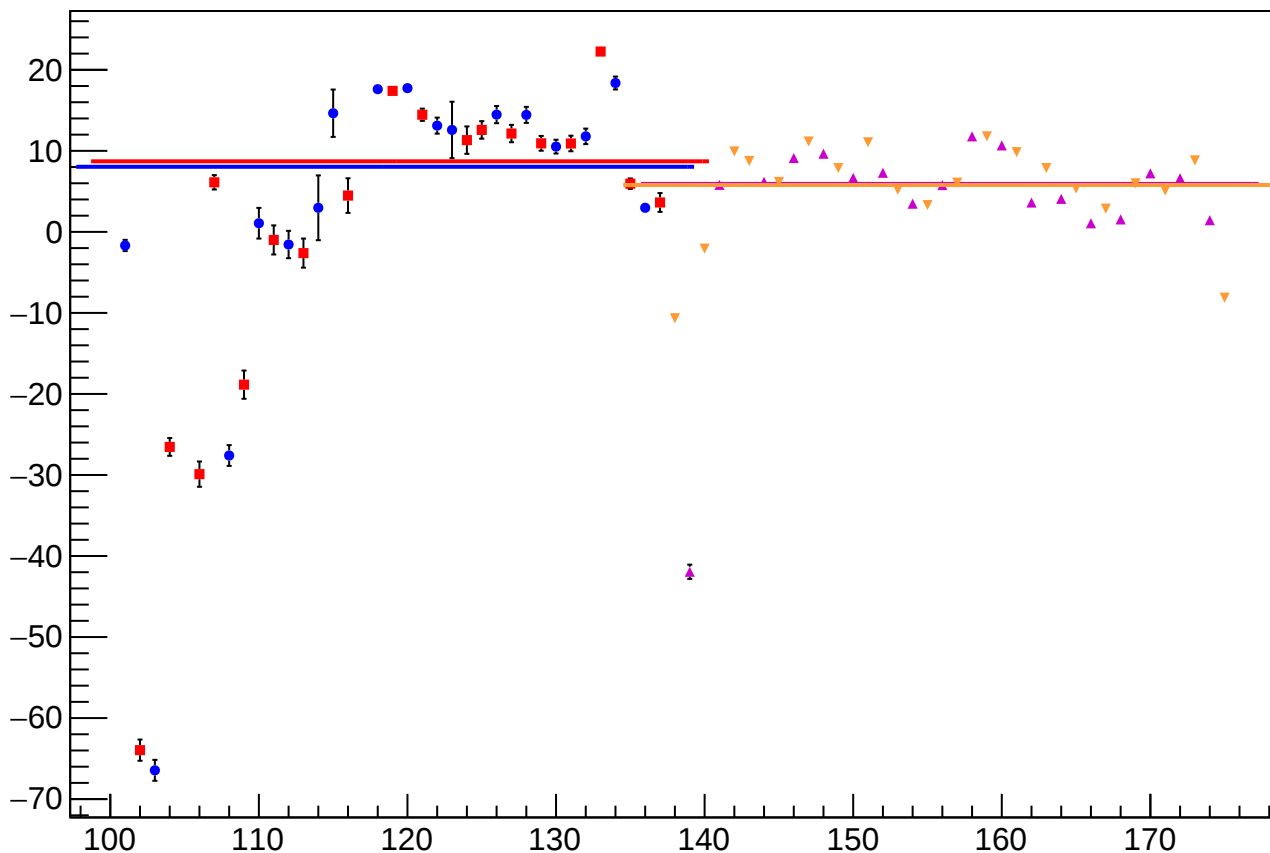
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 8.202+/-0.120 χ^2/NDF :3875.1/17

Out: 10.671+/-0.116 χ^2/NDF :9095.7/19

All: 9.483+/-0.084 χ^2/NDF : 13188.9/37

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 5.788+/-0.086 χ^2/NDF : 4012.0/19

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 5.920+/-0.090 χ^2/NDF : 4074.6/17

Left: 5.851+/-0.062 χ^2/NDF : 8087.8/37

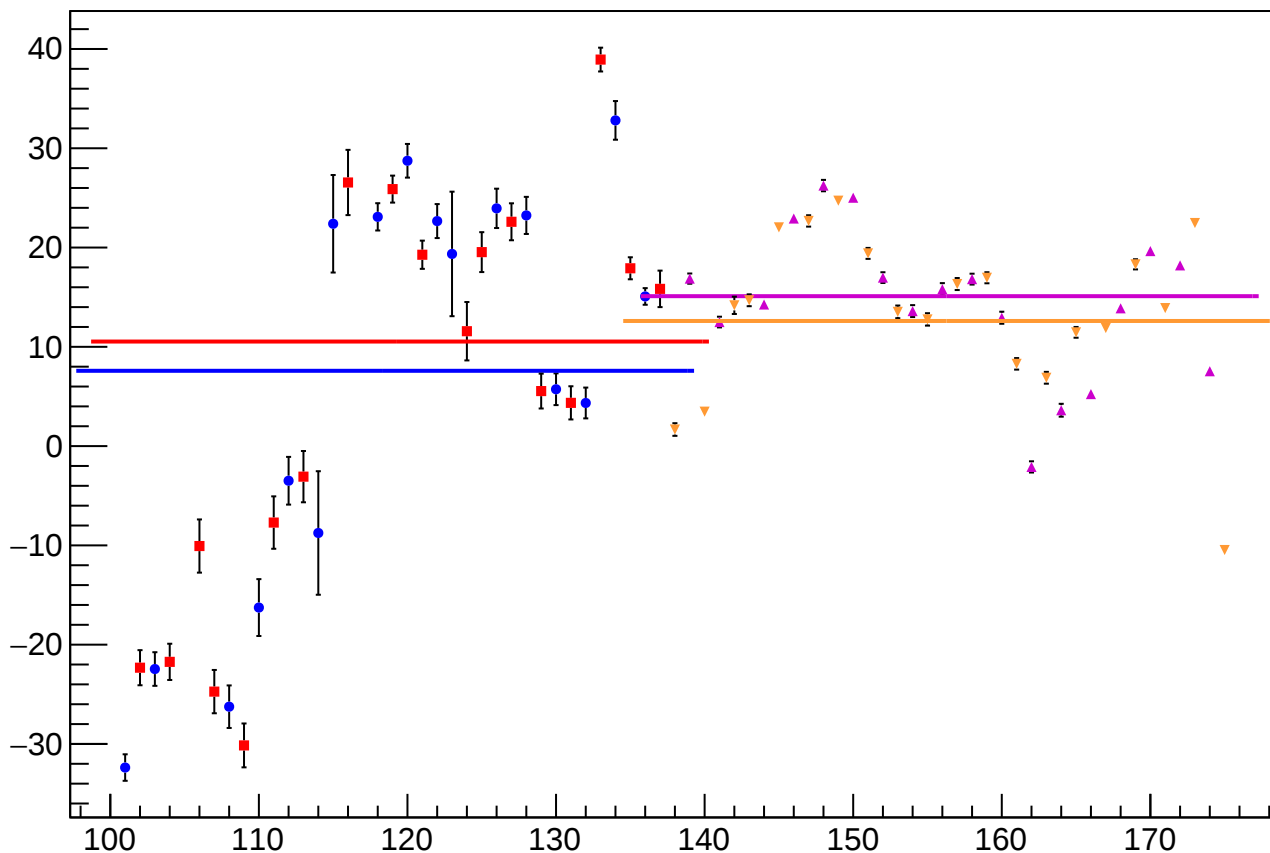
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.233+/-0.083 χ^2/NDF : 9527.1/34

Out: 6.196+/-0.080 χ^2/NDF : 10463.7/37

All: 6.214+/-0.057 χ^2/NDF : 19990.9/72

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: 12.604 ± 0.116 $\chi^2/\text{NDF}: 7099.2/19$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 15.102 ± 0.120 $\chi^2/\text{NDF}: 3463.8/17$

Left: 13.810 ± 0.083 $\chi^2/\text{NDF}: 10787.9/37$

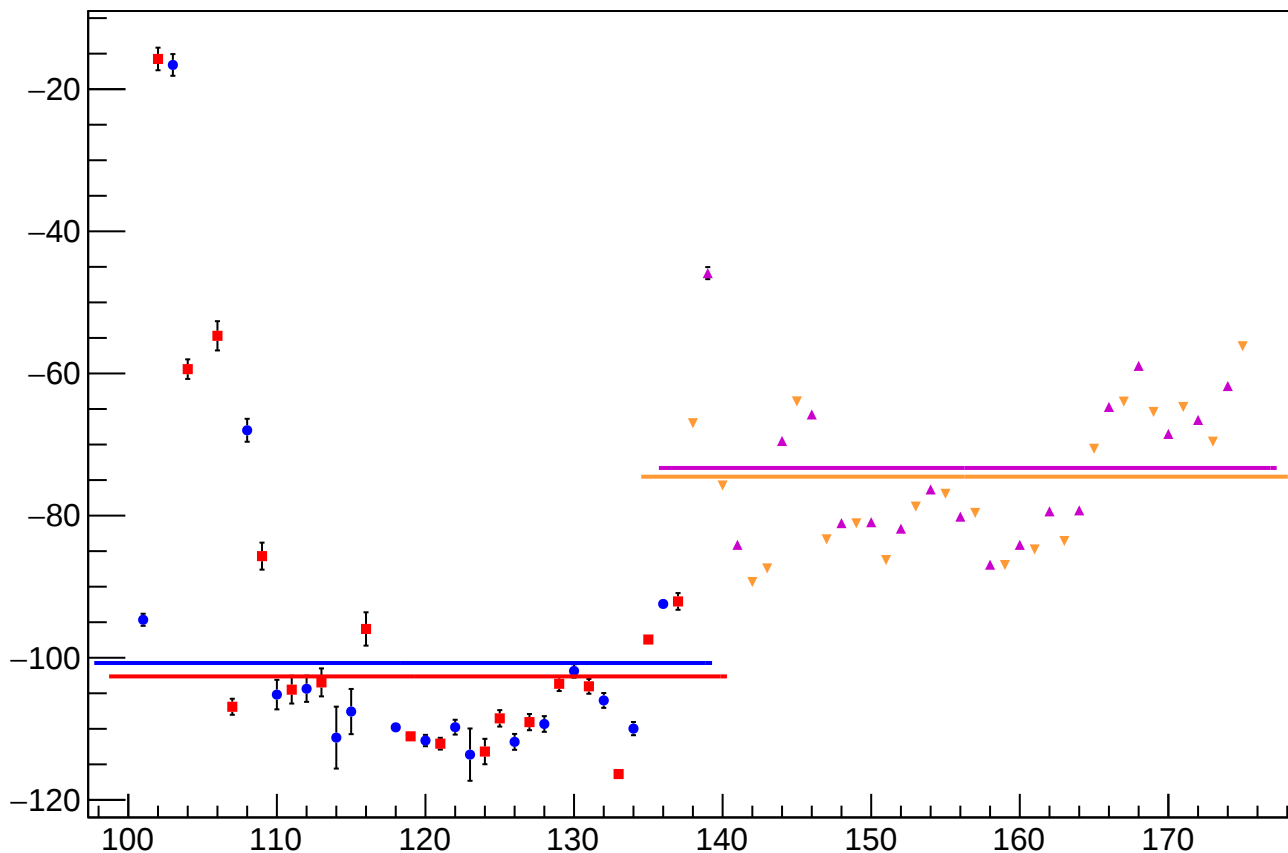
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 14.527 ± 0.115 $\chi^2/\text{NDF}: 6087.7/34$

Out: 12.456 ± 0.112 $\chi^2/\text{NDF}: 9401.6/37$

All: 13.459 ± 0.080 $\chi^2/\text{NDF}: 15656.1/72$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -74.525+/-0.098 χ^2/NDF :10095.2/19

Right Out: -102.625+/-0.246 χ^2/NDF : 5716.3/17

Left In: -73.293+/-0.103 χ^2/NDF :7940.4/17

Left: -73.935+/-0.071 χ^2/NDF : 18110.5/37

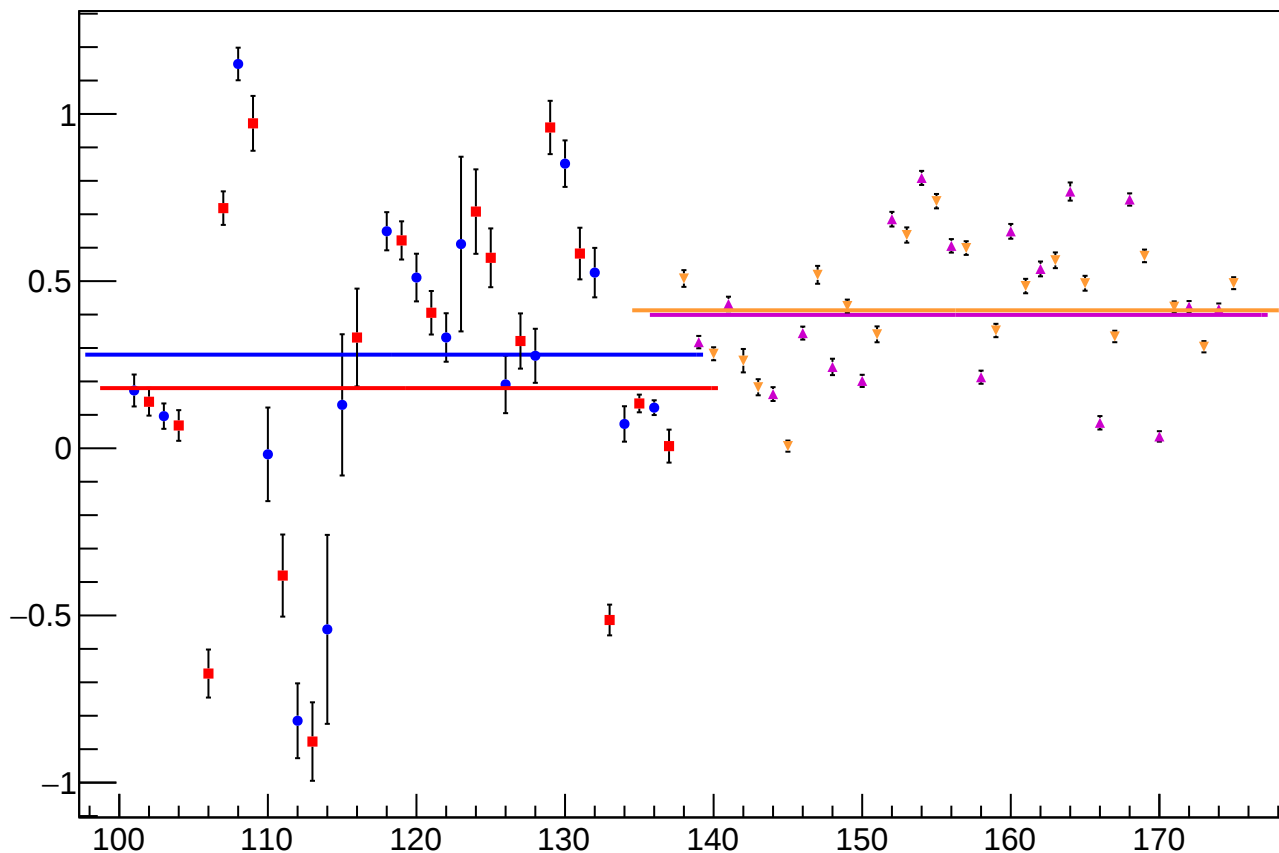
Right: -101.689+/-0.175 χ^2/NDF : 10266.1/34

In: -77.306+/-0.095 χ^2/NDF :22889.4/34

Out: -78.404+/-0.091 χ^2/NDF :27048.3/37

All: -77.876+/-0.066 χ^2/NDF : 50007.0/72

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.413 ± 0.005 χ^2/NDF : 1430.1/19

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.399 ± 0.005 χ^2/NDF : 2564.9/17

Left: 0.406 ± 0.003 χ^2/NDF : 3999.5/37

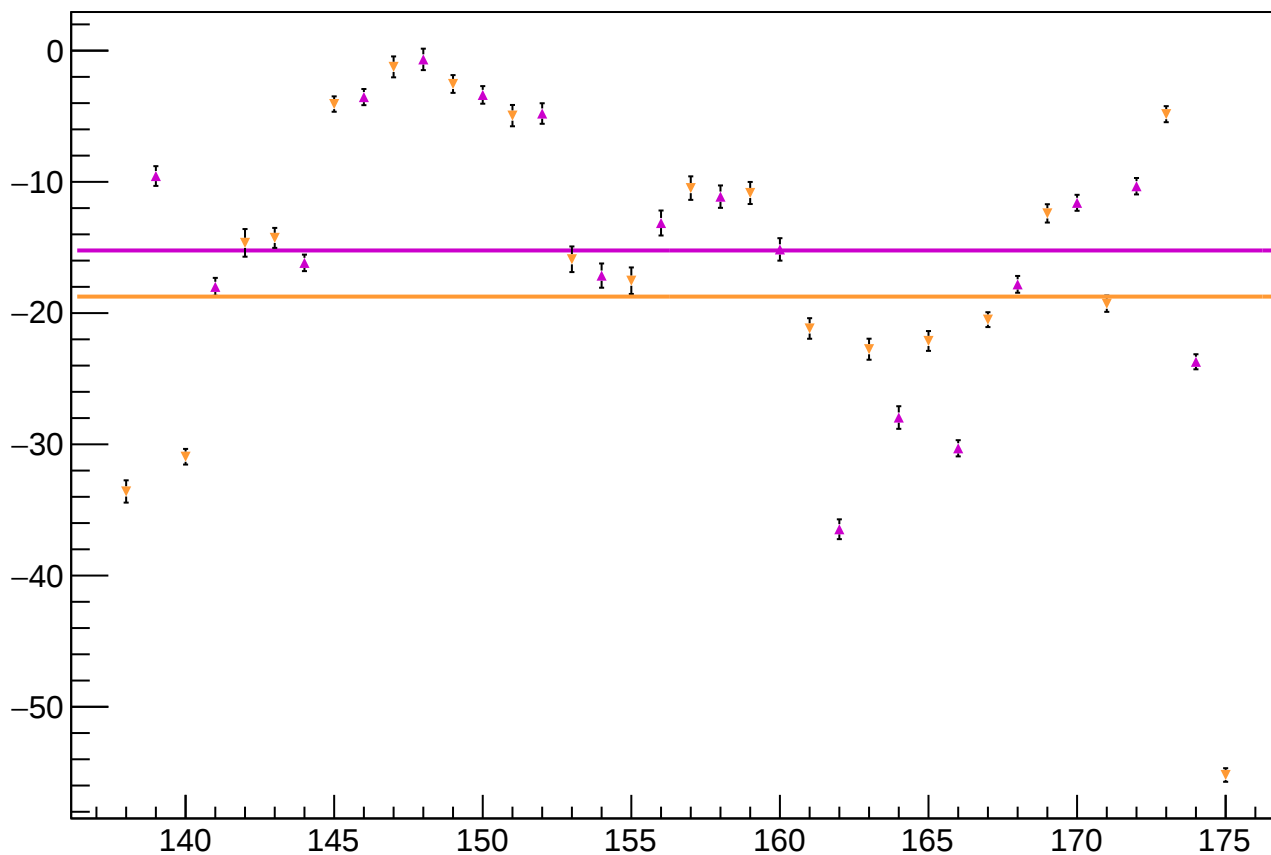
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.386 ± 0.004 χ^2/NDF : 3290.9/34

Out: 0.389 ± 0.004 χ^2/NDF : 2634.5/37

All: 0.388 ± 0.003 χ^2/NDF : 5925.5/72

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: -18.742+/-0.161 χ^2/NDF :8539.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Left: -17.053+/-0.116 χ^2/NDF : 11983.6/37

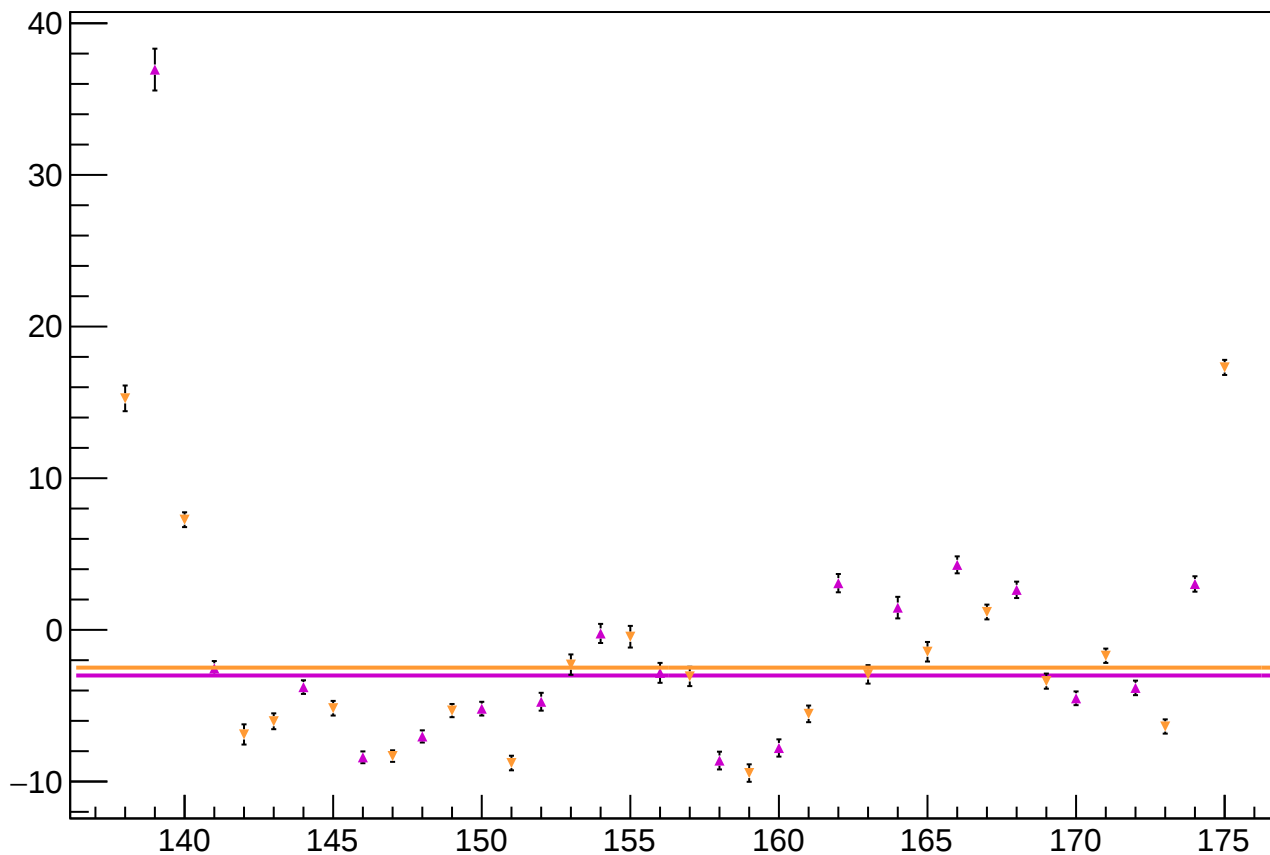
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Out: -18.742+/-0.161 χ^2/NDF :8539.5/19

All: -17.053+/-0.116 χ^2/NDF : 11983.6/37

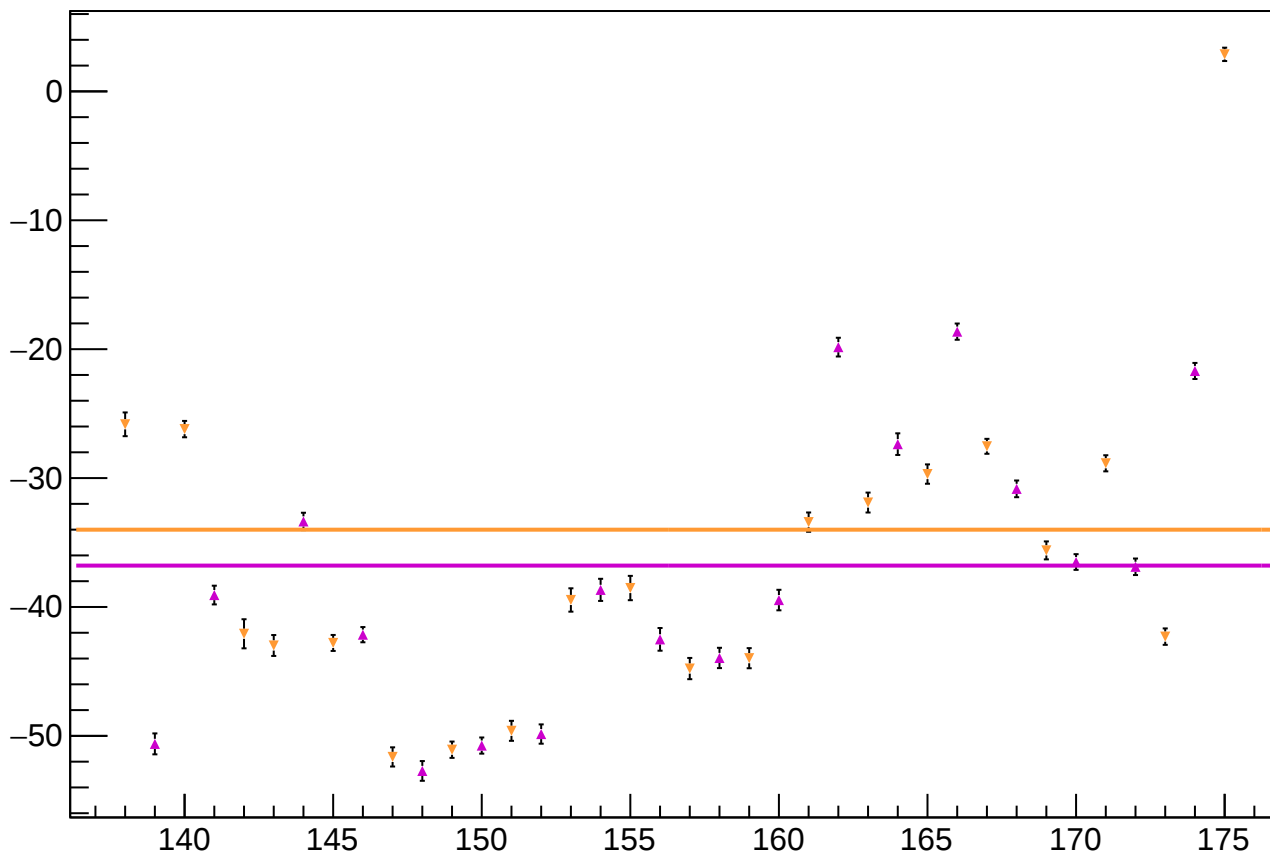
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -2.490 ± 0.118 χ^2/NDF : 3304.2/19
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -3.009 ± 0.124 χ^2/NDF : 1924.4/17

Left: -2.738 ± 0.085 χ^2/NDF : 5237.7/37
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -3.009 ± 0.124 χ^2/NDF : 1924.4/17
 Out: -2.490 ± 0.118 χ^2/NDF : 3304.2/19
 All: -2.738 ± 0.085 χ^2/NDF : 5237.7/37

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -34.003 ± 0.160 χ^2/NDF : 8160.5/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.789 ± 0.166 χ^2/NDF : 3955.4/17

Left: -35.345 ± 0.115 χ^2/NDF : 12261.8/37

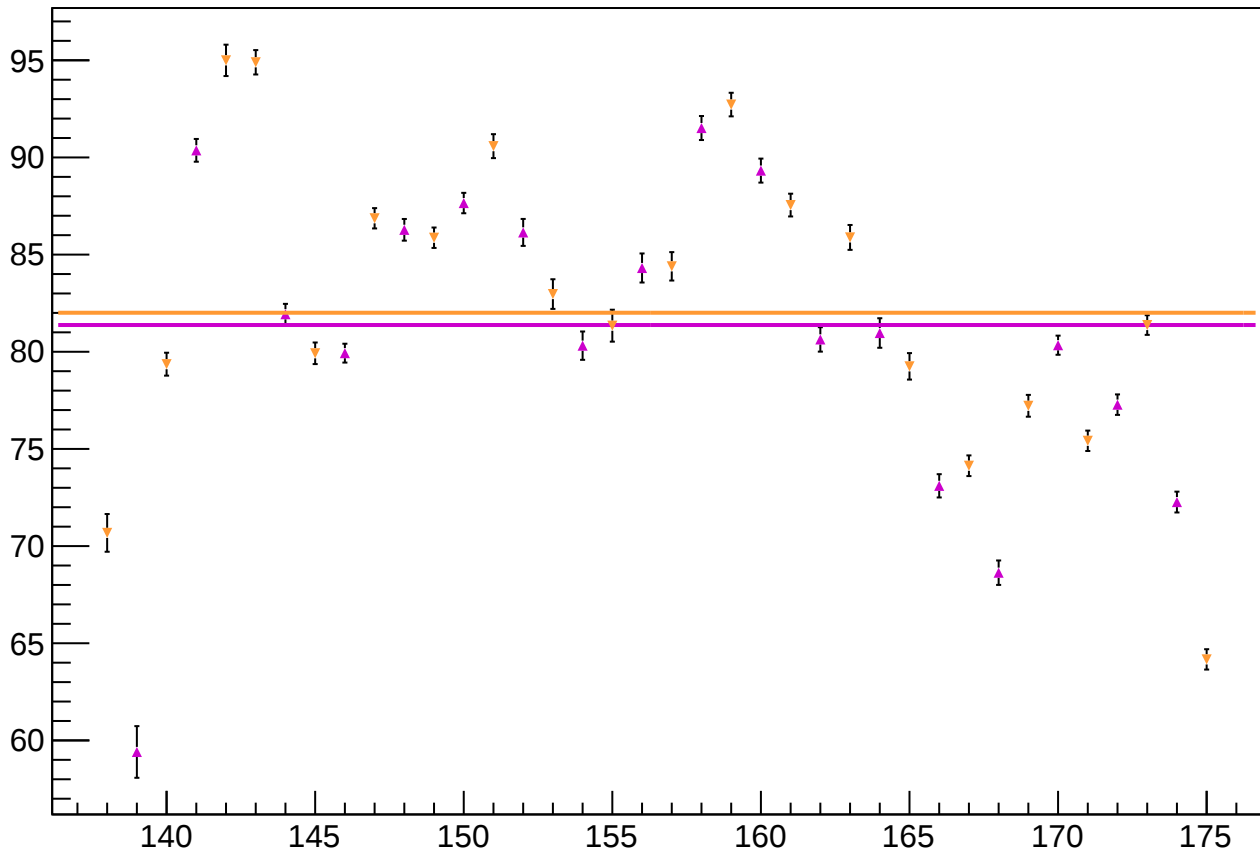
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.789 ± 0.166 χ^2/NDF : 3955.4/17

Out: -34.003 ± 0.160 χ^2/NDF : 8160.5/19

All: -35.345 ± 0.115 χ^2/NDF : 12261.8/37

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 82.008 $\pm$ 0.136 χ^2/NDF :3263.4/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 81.377 $\pm$ 0.142 χ^2/NDF :2195.3/17

Left: 81.706 $\pm$ 0.098 χ^2/NDF : 5469.0/37

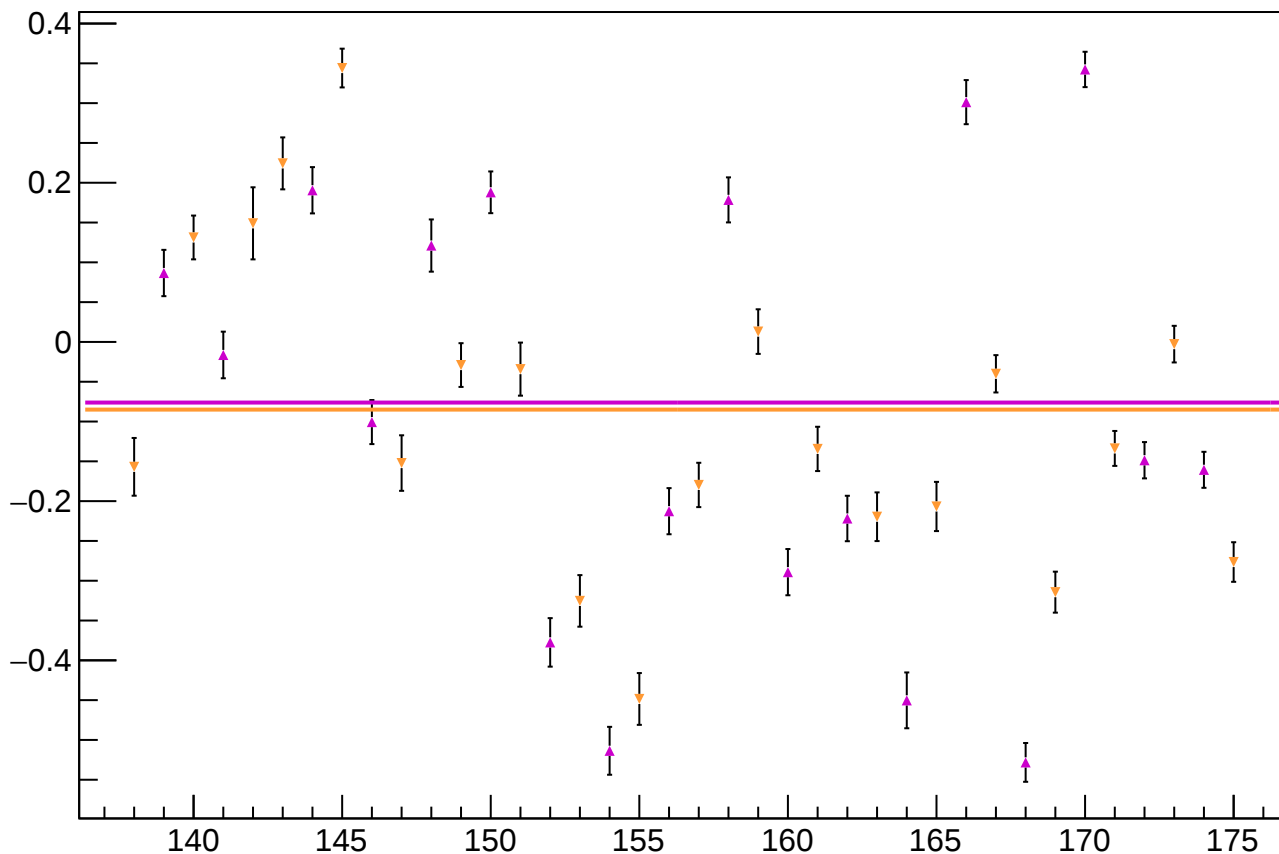
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 81.377 $\pm$ 0.142 χ^2/NDF :2195.3/17

Out: 82.008 $\pm$ 0.136 χ^2/NDF :3263.4/19

All: 81.706 $\pm$ 0.098 χ^2/NDF : 5469.0/37

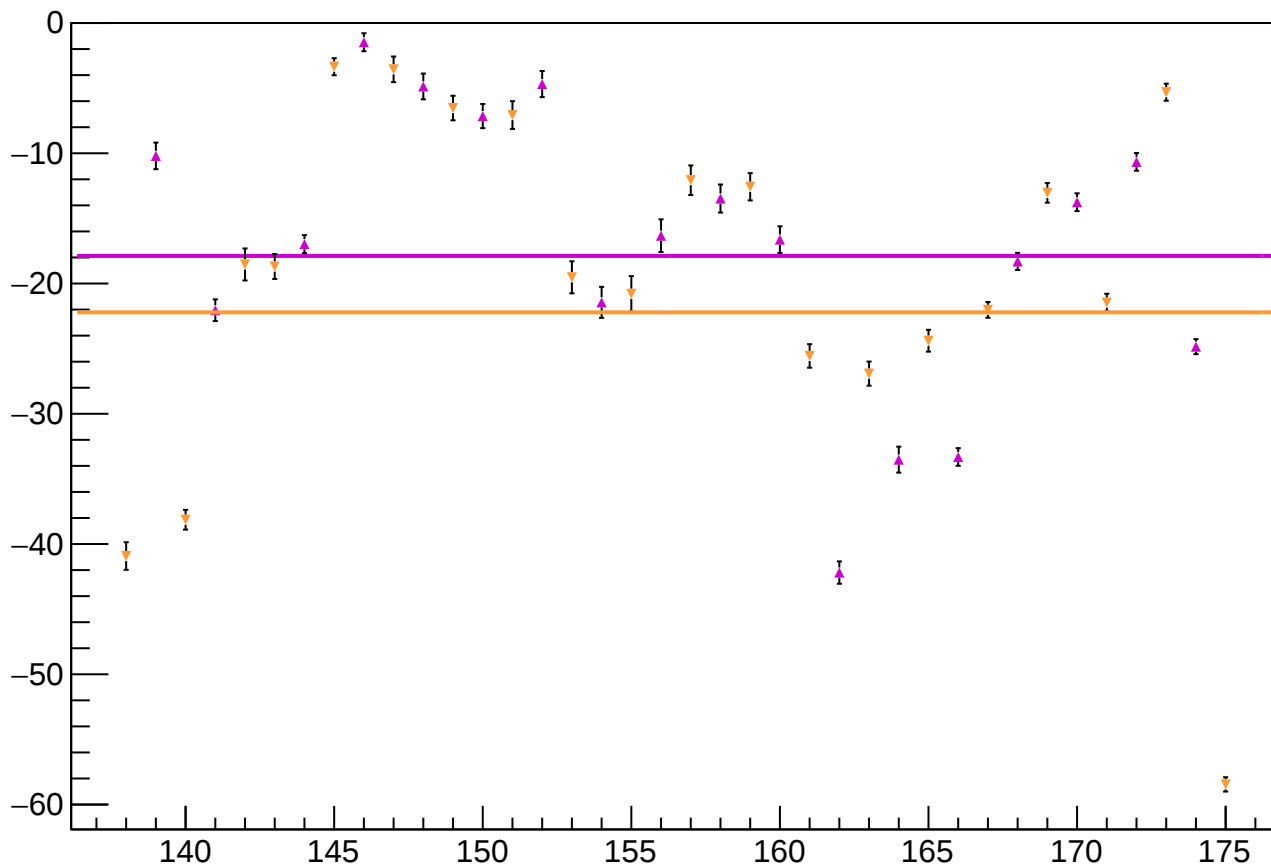
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.076+/-0.006 χ^2/NDF : 1772.6/17

Left: -0.081+/-0.005 χ^2/NDF : 2678.5/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.076+/-0.006 χ^2/NDF : 1772.6/17
 Out: -0.085+/-0.006 χ^2/NDF : 904.9/19
 All: -0.081+/-0.005 χ^2/NDF : 2678.5/37

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.212+/-0.186 χ^2/NDF :7833.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.881+/-0.192 χ^2/NDF :3018.8/17

Left: -20.113+/-0.134 χ^2/NDF : 11114.3/37

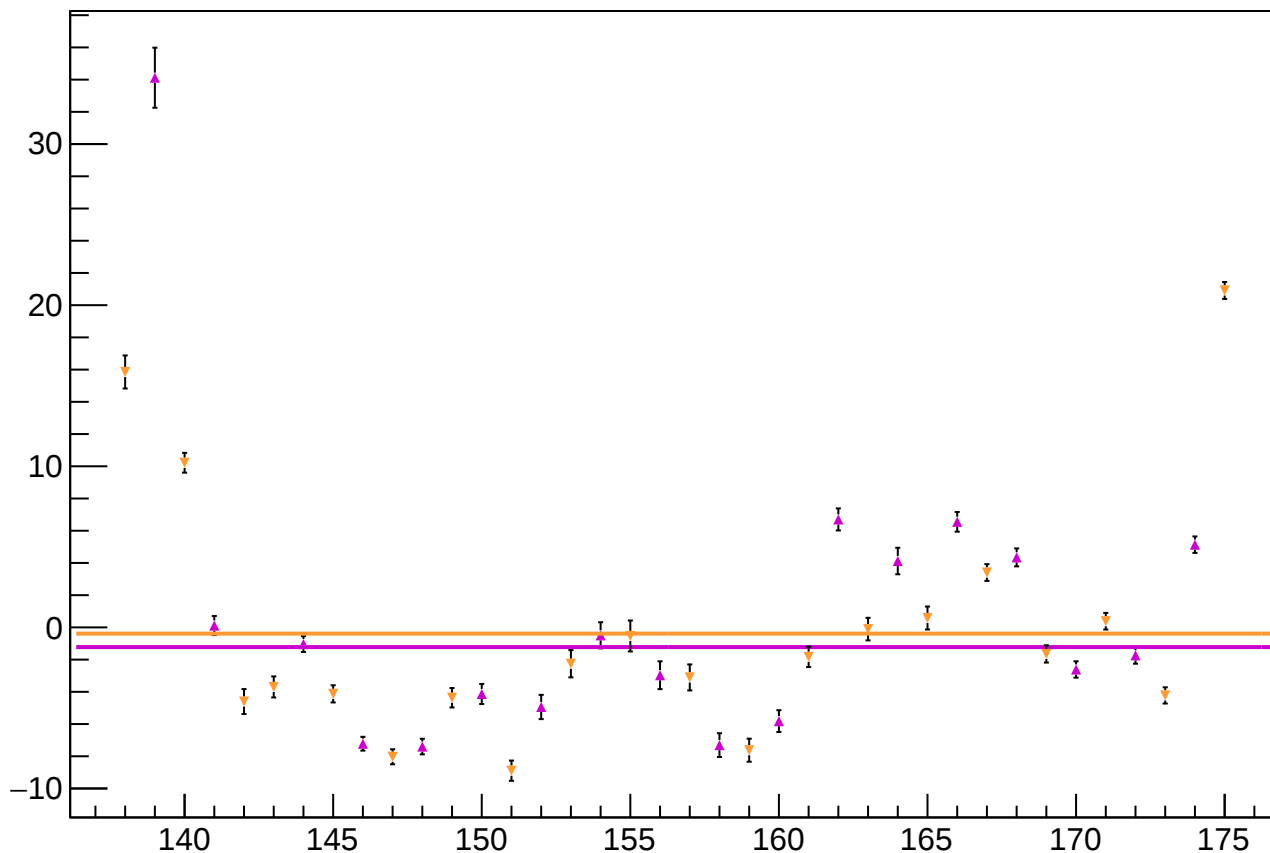
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.881+/-0.192 χ^2/NDF :3018.8/17

Out: -22.212+/-0.186 χ^2/NDF :7833.7/19

All: -20.113+/-0.134 χ^2/NDF : 11114.3/37

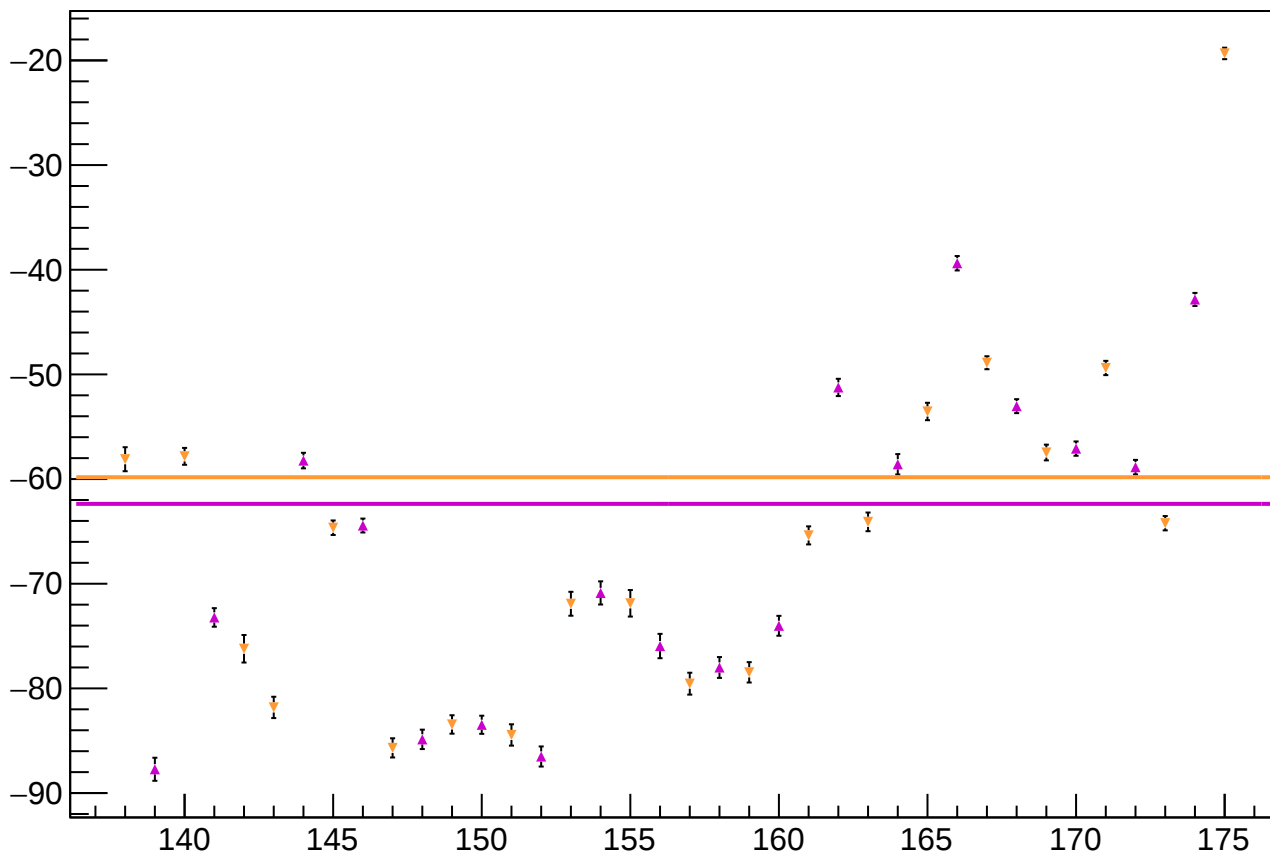
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.223+/-0.143 χ^2/NDF :1490.4/17

Left: -0.794+/-0.099 χ^2/NDF : 4536.9/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.223+/-0.143 χ^2/NDF :1490.4/17
 Out: -0.388+/-0.139 χ^2/NDF :3028.8/19
 All: -0.794+/-0.099 χ^2/NDF : 4536.9/37

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: -59.825+/-0.187 χ^2/NDF : 9839.8/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

Left: -61.060+/-0.134 χ^2/NDF : 15619.9/37

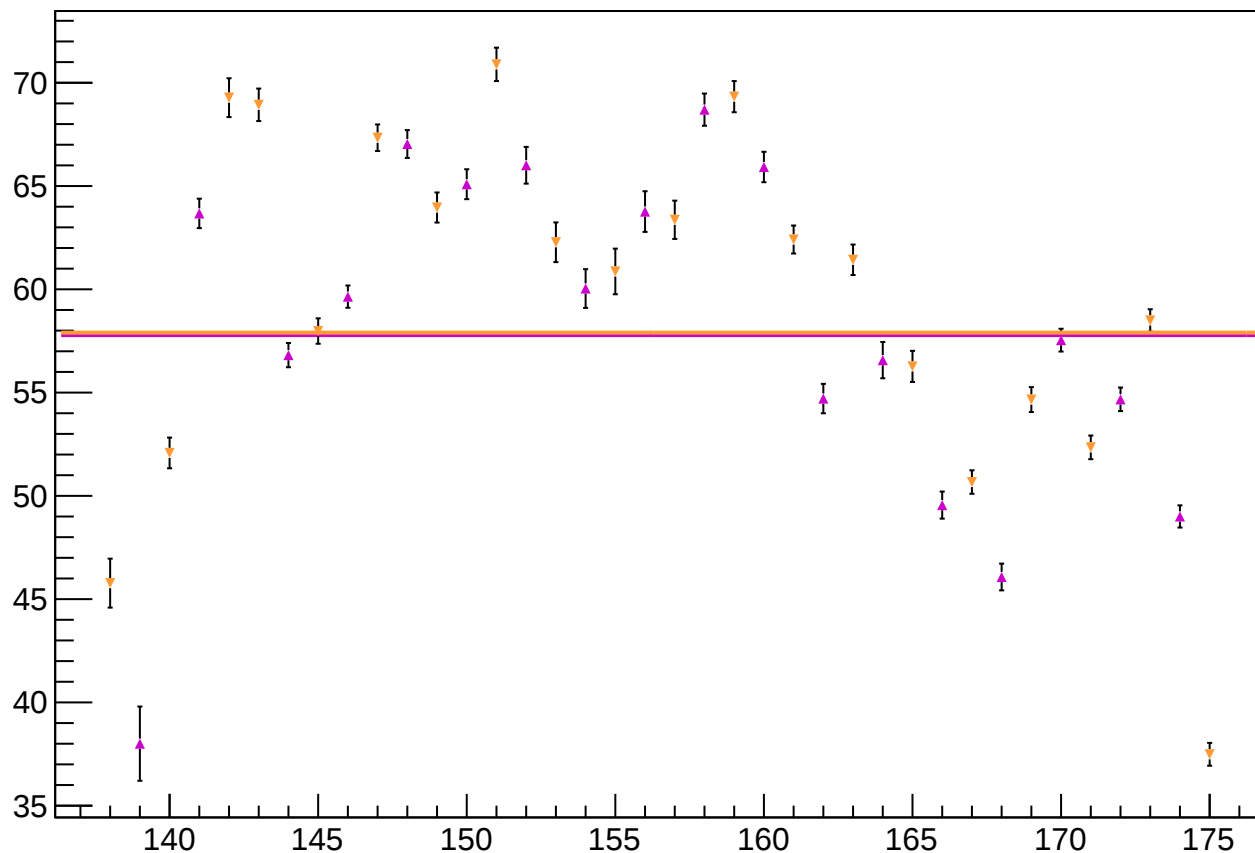
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.370+/-0.192 χ^2/NDF : 5689.8/17

Out: -59.825+/-0.187 χ^2/NDF : 9839.8/19

All: -61.060+/-0.134 χ^2/NDF : 15619.9/37

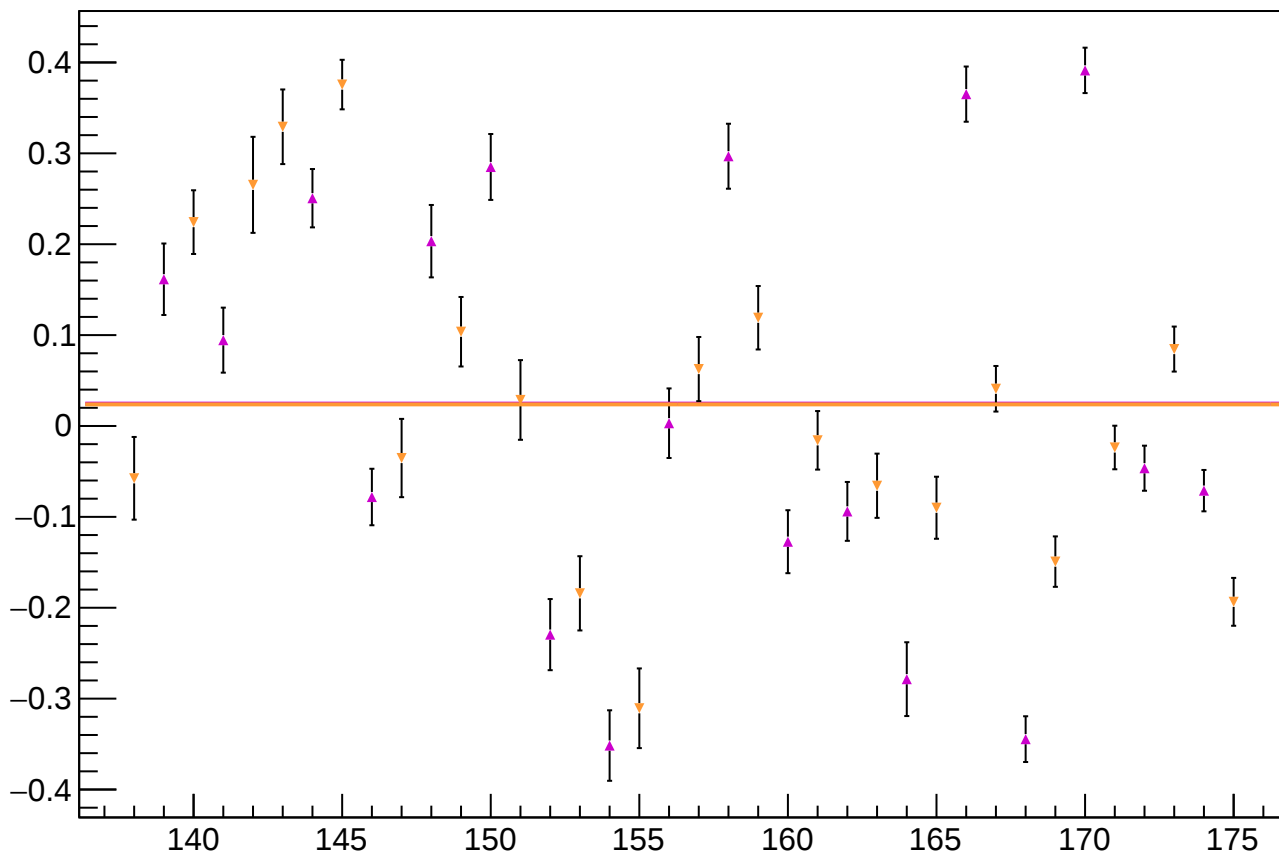
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 57.784+/-0.163 χ^2/NDF :1742.5/17

Left: 57.846+/-0.114 χ^2/NDF : 4806.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 57.784+/-0.163 χ^2/NDF :1742.5/17
 Out: 57.903+/-0.158 χ^2/NDF :3063.2/19
 All: 57.846+/-0.114 χ^2/NDF : 4806.0/37

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Left: 0.024 $\pm$ 0.005 χ^2 /NDF: 1527.5/37

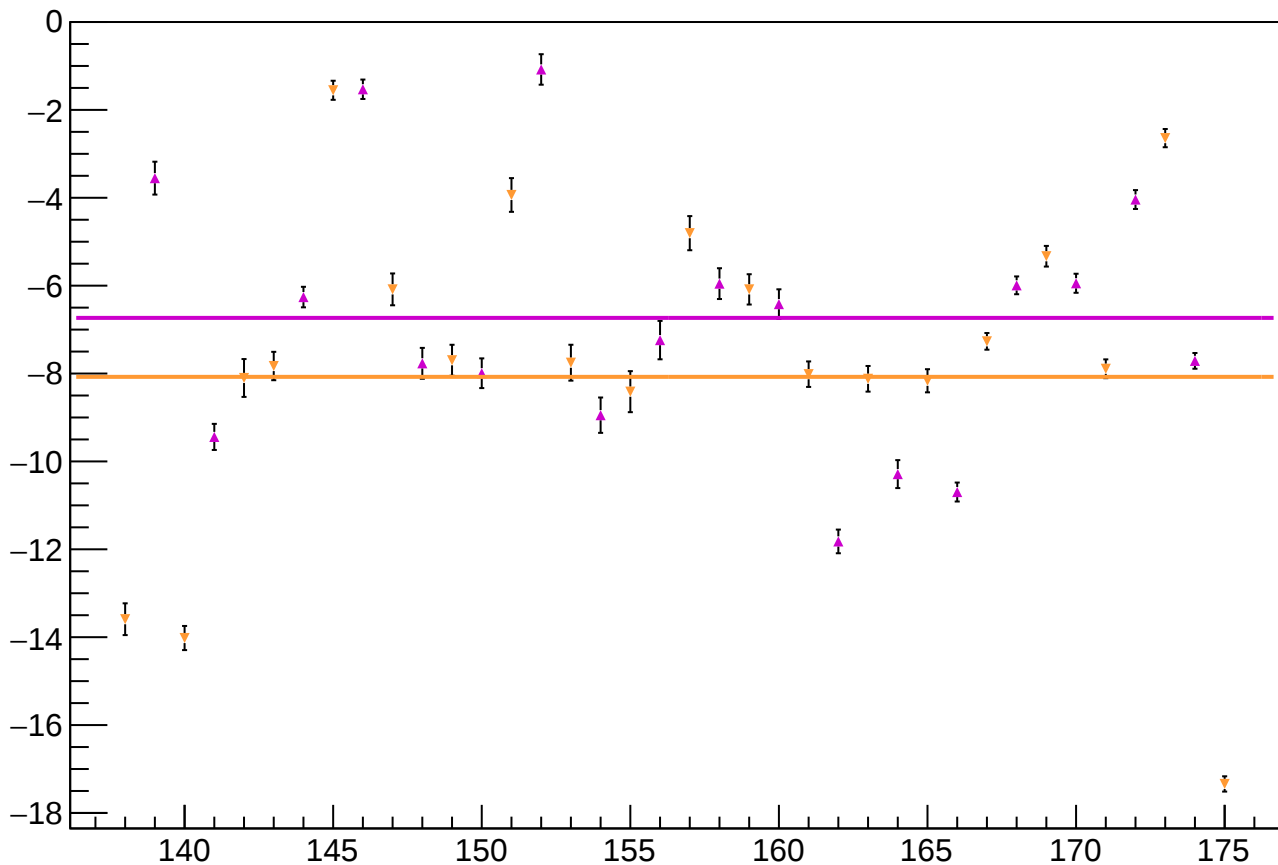
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Out: 0.024 $\pm$ 0.007 χ^2 /NDF:514.3/19

All: 0.024 $\pm$ 0.005 χ^2 /NDF: 1527.5/37

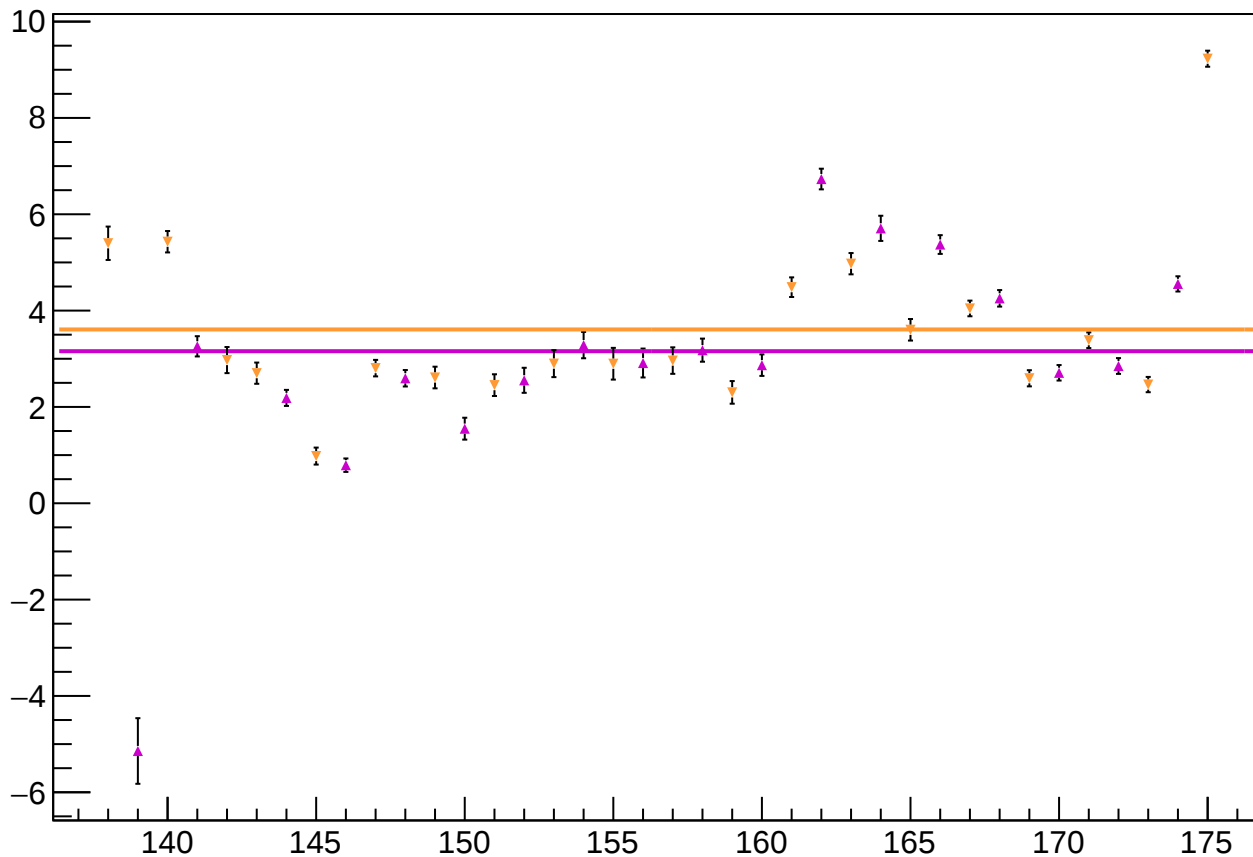
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.075+/-0.061 χ^2/NDF :5534.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.733+/-0.063 χ^2/NDF :2072.2/17

Left: -7.421+/-0.044 χ^2/NDF : 7841.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.733+/-0.063 χ^2/NDF :2072.2/17
 Out: -8.075+/-0.061 χ^2/NDF :5534.3/19
 All: -7.421+/-0.044 χ^2/NDF : 7841.3/37

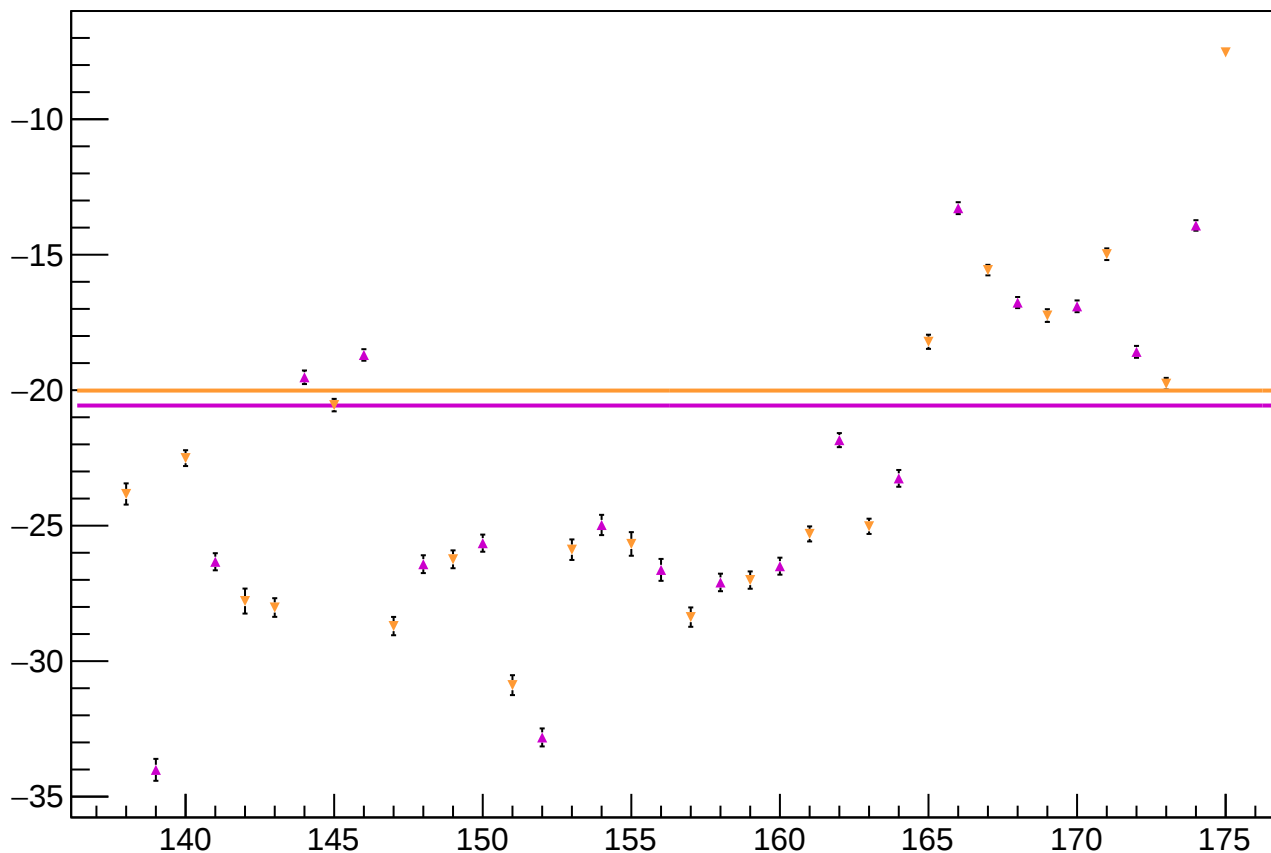
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.608+/-0.046 χ^2/NDF :1744.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.157+/-0.047 χ^2/NDF :1171.4/17

Left: 3.387+/-0.033 χ^2/NDF : 2962.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.157+/-0.047 χ^2/NDF :1171.4/17
 Out: 3.608+/-0.046 χ^2/NDF :1744.1/19
 All: 3.387+/-0.033 χ^2/NDF : 2962.7/37

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -20.014 ± 0.061 $\chi^2/\text{NDF}: 11382.1/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -20.566 ± 0.063 $\chi^2/\text{NDF}: 7674.5/17$

Left: -20.284 ± 0.044 $\chi^2/\text{NDF}: 19096.3/37$

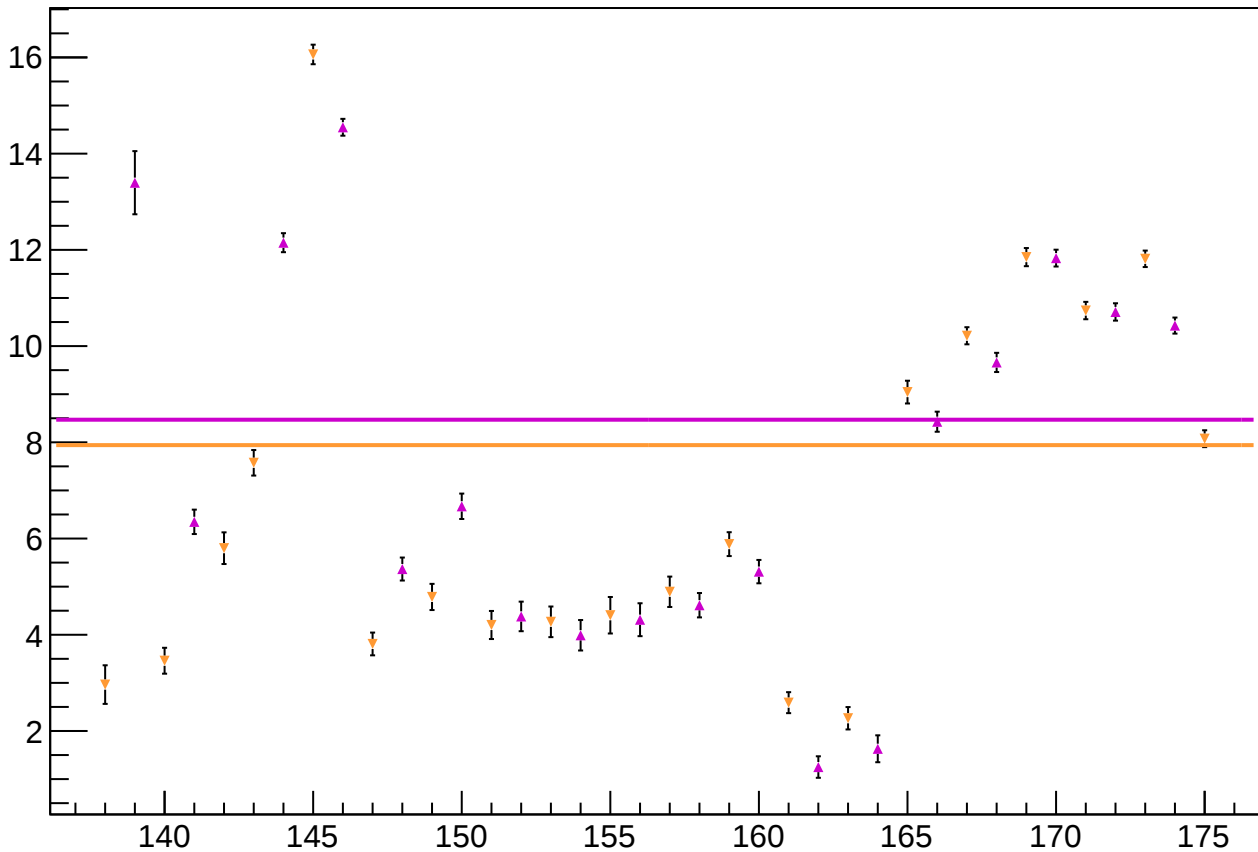
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -20.566 ± 0.063 $\chi^2/\text{NDF}: 7674.5/17$

Out: -20.014 ± 0.061 $\chi^2/\text{NDF}: 11382.1/19$

All: -20.284 ± 0.044 $\chi^2/\text{NDF}: 19096.3/37$

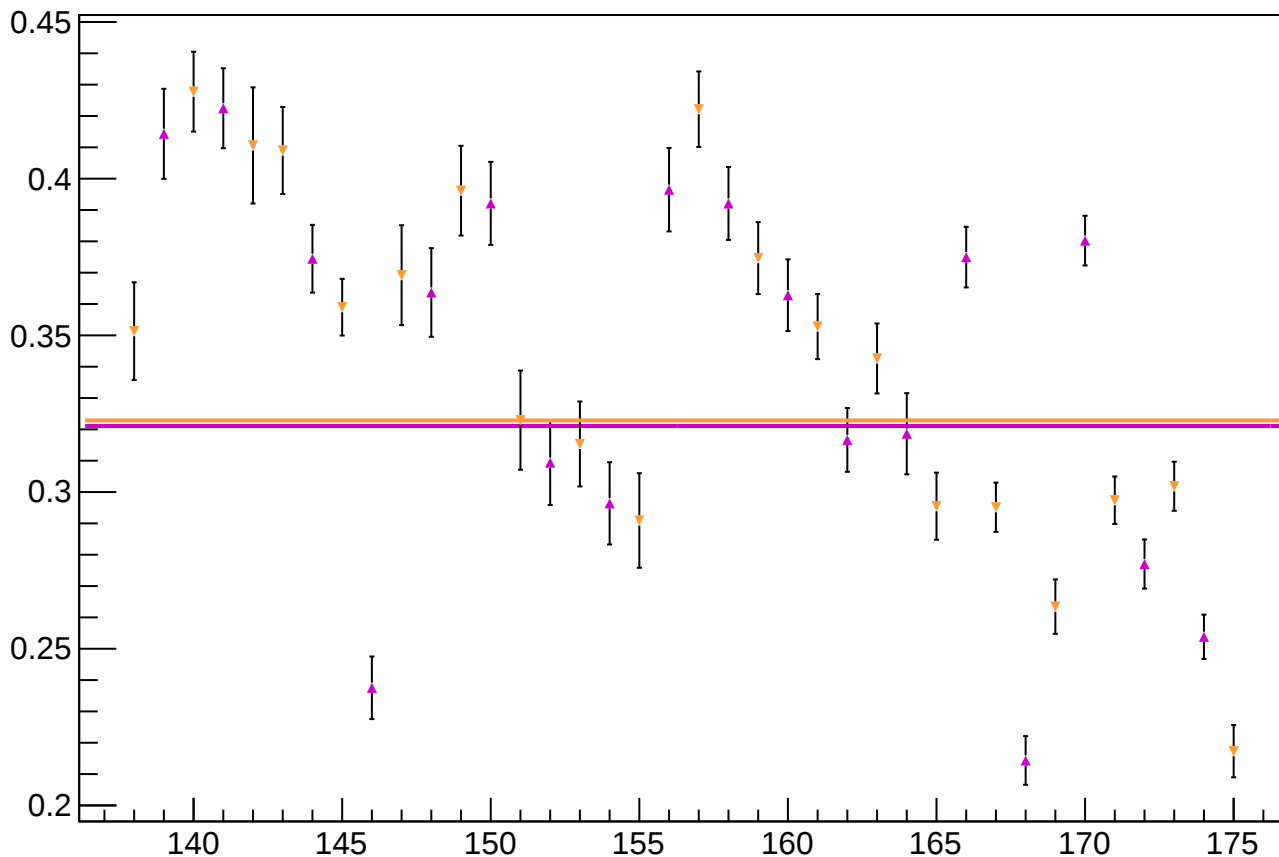
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.470+/-0.053 χ^2/NDF :5158.7/17

Left: 8.199+/-0.037 χ^2/NDF : 10831.7/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.470+/-0.053 χ^2/NDF :5158.7/17
 Out: 7.942+/-0.052 χ^2/NDF :5623.0/19
 All: 8.199+/-0.037 χ^2/NDF : 10831.7/37

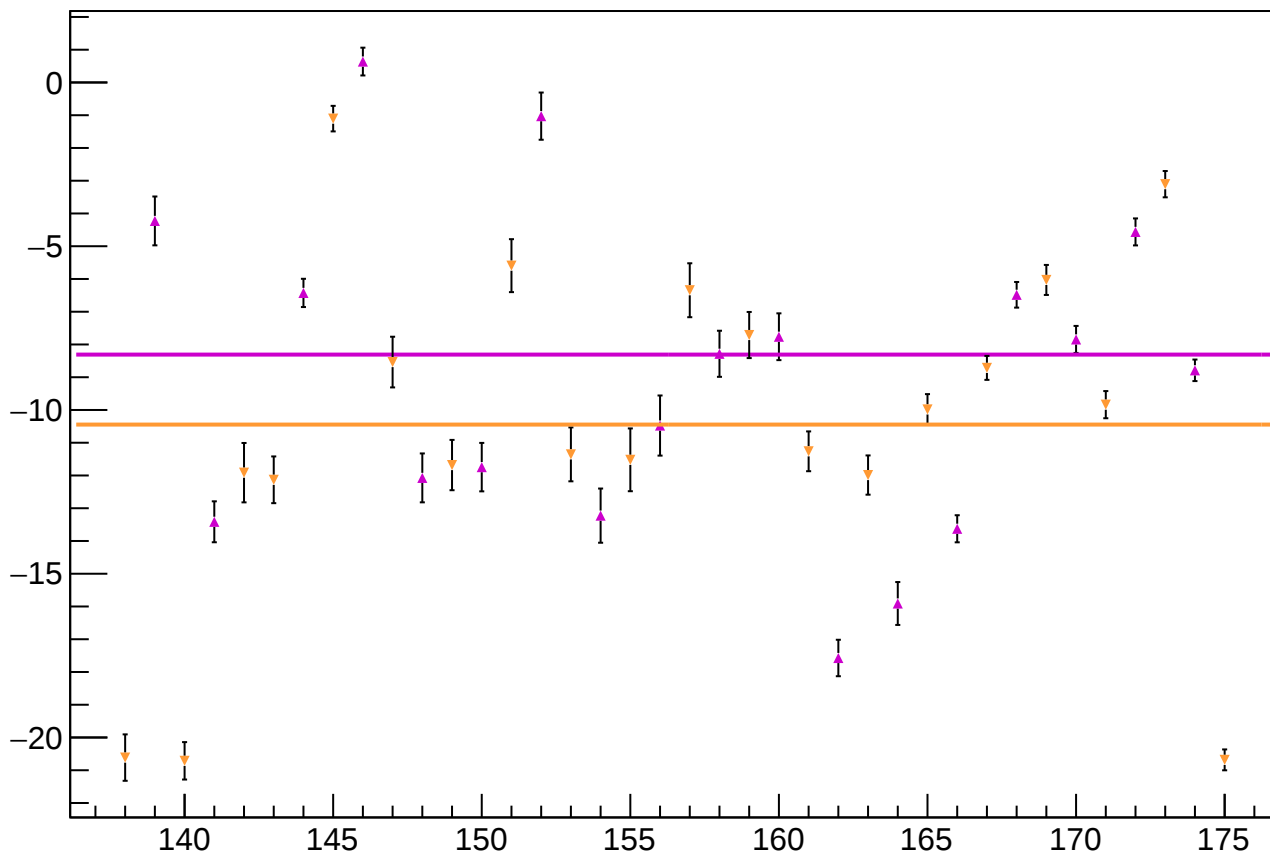
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17

Left: 0.322 $\pm$ 0.002 χ^2 /NDF: 1253.9/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17
 Out: 0.323 $\pm$ 0.002 χ^2 /NDF:531.5/19
 All: 0.322 $\pm$ 0.002 χ^2 /NDF: 1253.9/37

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -10.446 $\pm$ 0.120 χ^2/NDF :2690.6/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

Left: -9.405 $\pm$ 0.086 χ^2/NDF : 4282.0/37

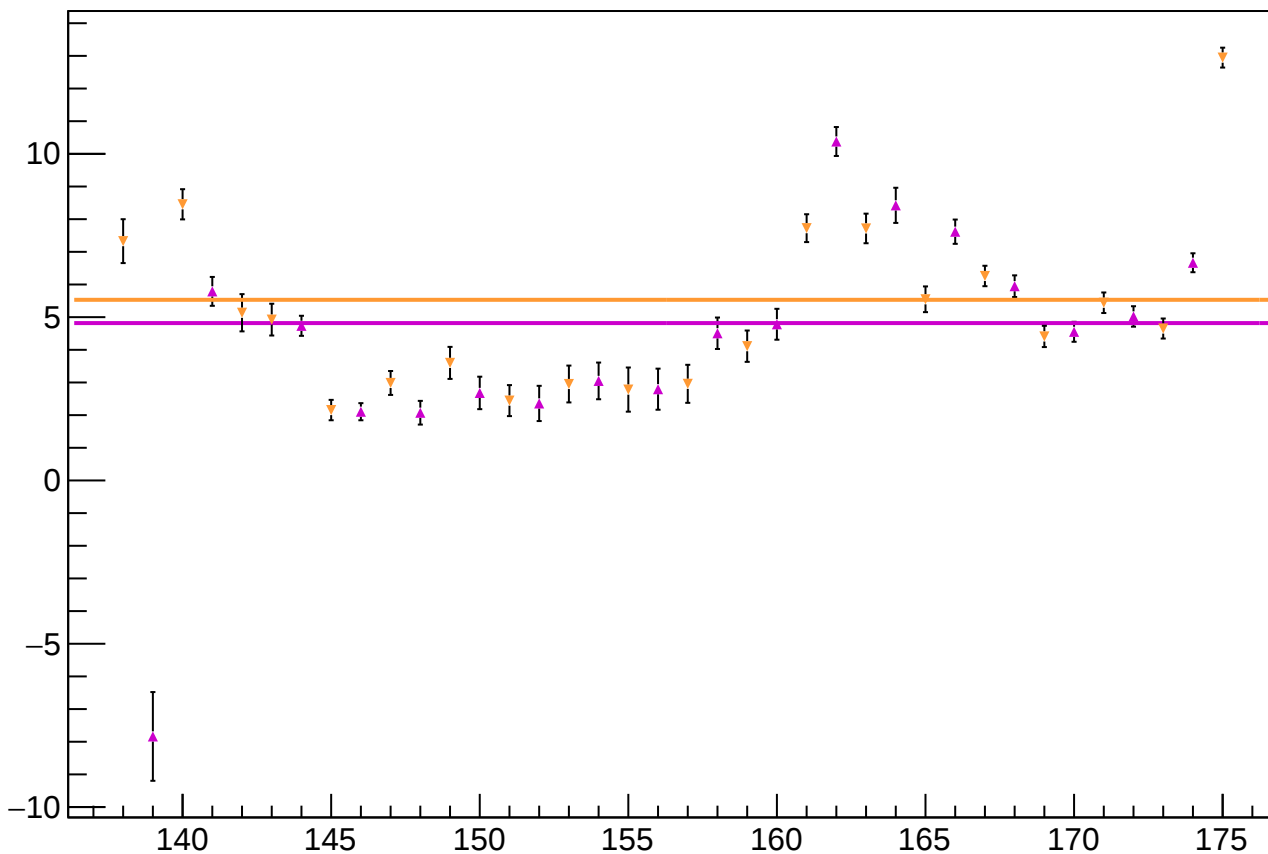
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

Out: -10.446 $\pm$ 0.120 χ^2/NDF :2690.6/19

All: -9.405 $\pm$ 0.086 χ^2/NDF : 4282.0/37

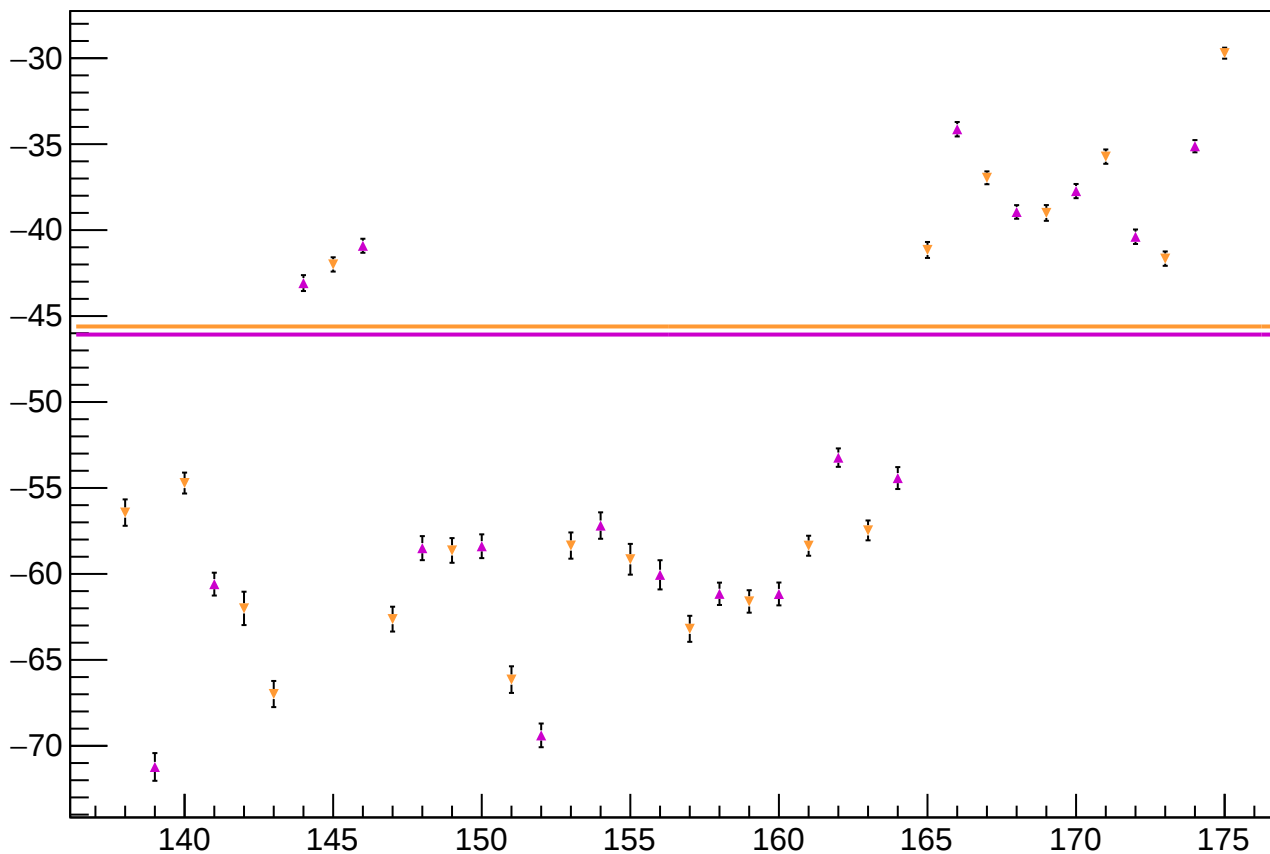
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.531+/-0.091 χ^2/NDF :1006.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.819+/-0.092 χ^2/NDF :628.6/17

Left: 5.180+/-0.065 χ^2/NDF : 1665.2/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.819+/-0.092 χ^2/NDF :628.6/17
 Out: 5.531+/-0.091 χ^2/NDF :1006.3/19
 All: 5.180+/-0.065 χ^2/NDF : 1665.2/37

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: -45.607+/-0.120 χ^2/NDF :9665.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -46.076+/-0.123 χ^2/NDF :7977.7/17

Left: -45.836+/-0.086 χ^2/NDF : 17650.7/37

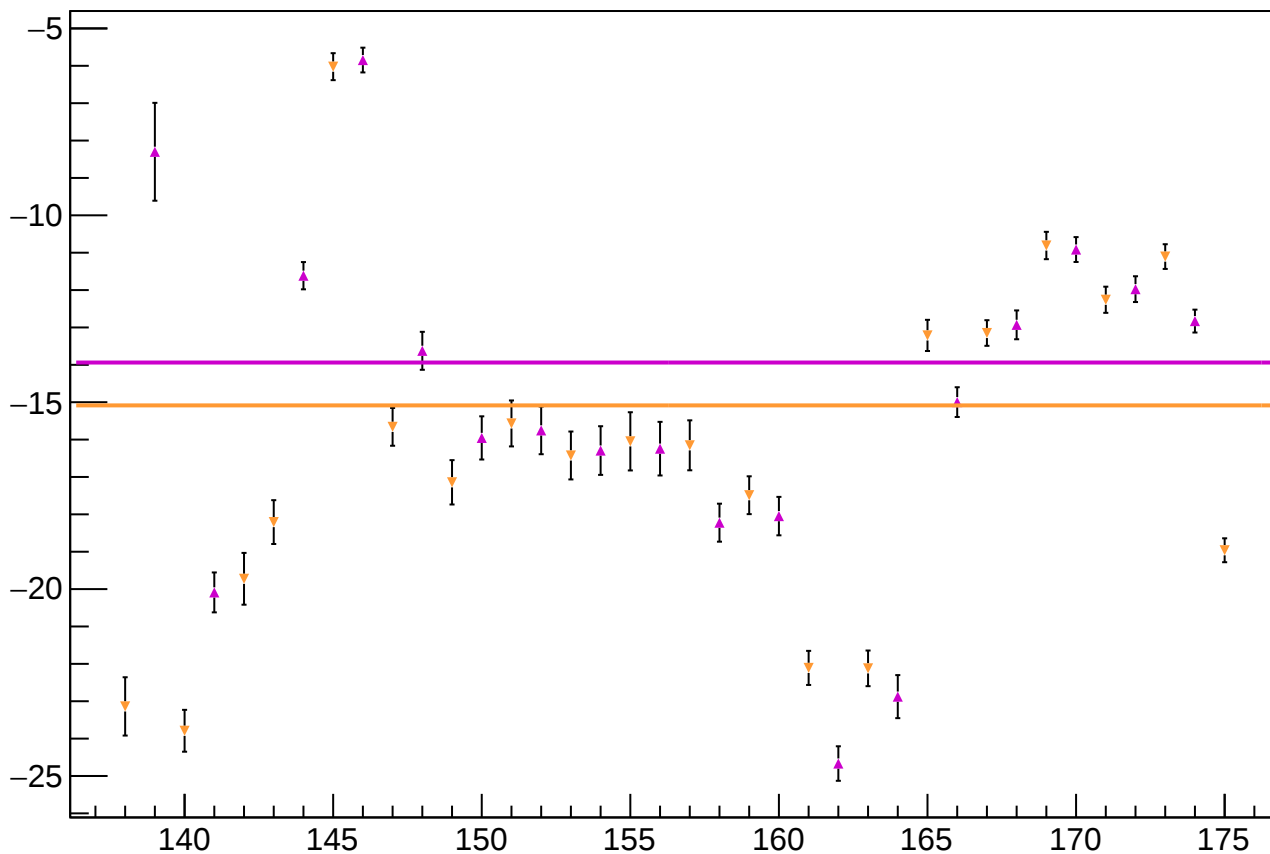
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.076+/-0.123 χ^2/NDF :7977.7/17

Out: -45.607+/-0.120 χ^2/NDF :9665.5/19

All: -45.836+/-0.086 χ^2/NDF : 17650.7/37

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: -15.085+/-0.103 χ^2/NDF :2097.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Left: -14.525+/-0.073 χ^2/NDF : 4049.4/37

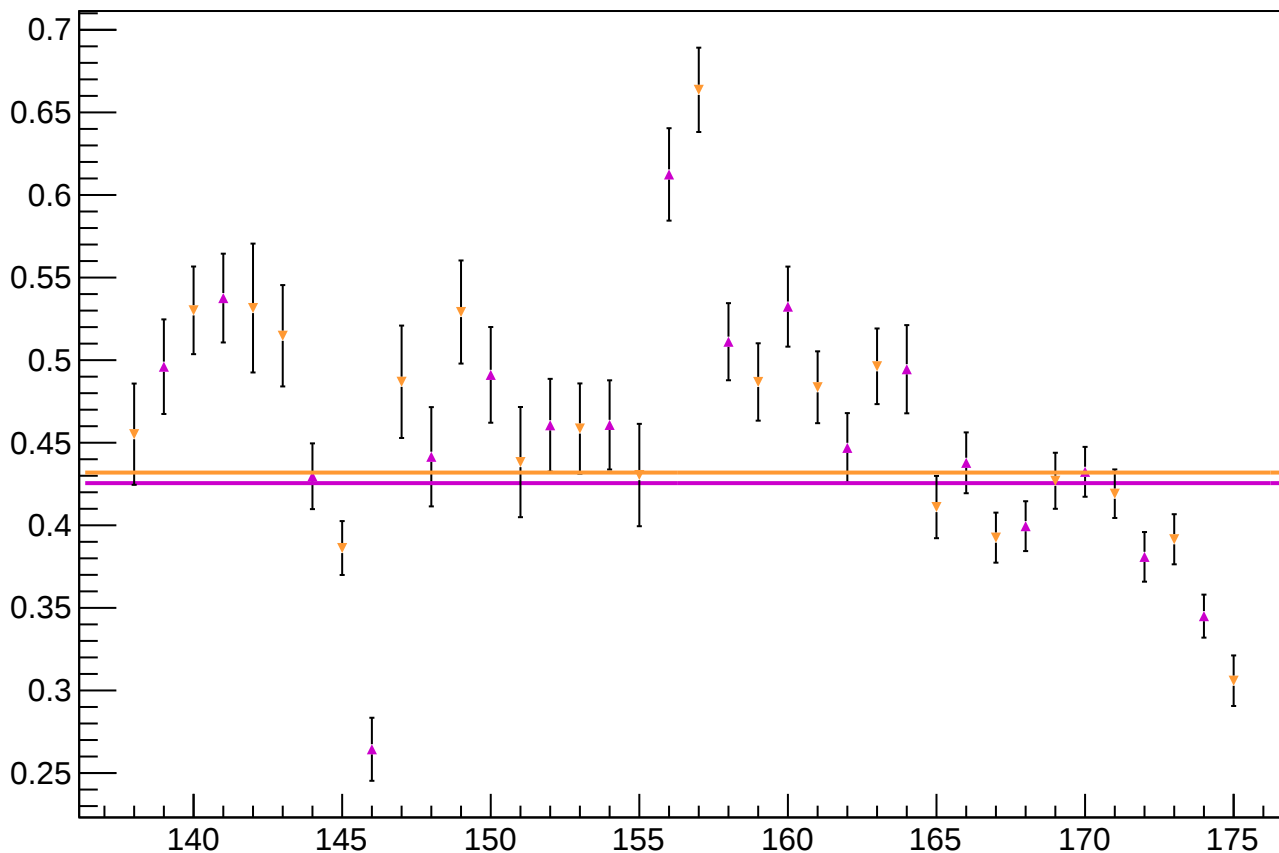
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Out: -15.085+/-0.103 χ^2/NDF :2097.7/19

All: -14.525+/-0.073 χ^2/NDF : 4049.4/37

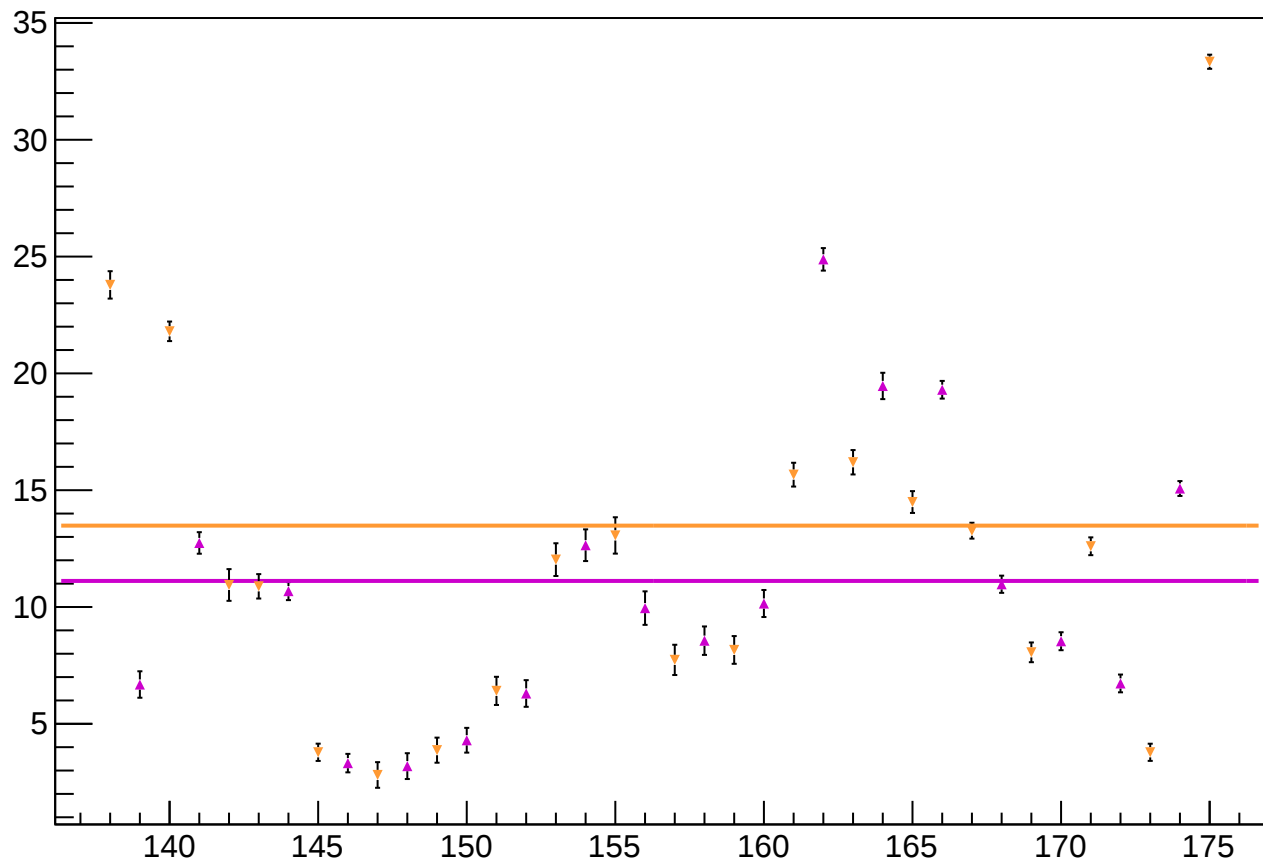
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17

Left: 0.429 $\pm$ 0.003 χ^2 /NDF: 474.6/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17
 Out: 0.432 $\pm$ 0.005 χ^2 /NDF:234.4/19
 All: 0.429 $\pm$ 0.003 χ^2 /NDF: 474.6/37

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 13.484 $\pm$ 0.104 χ^2/NDF :7648.3/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 11.116 $\pm$ 0.108 χ^2/NDF :2767.5/17

Left: 12.339 $\pm$ 0.075 χ^2/NDF : 10664.6/37

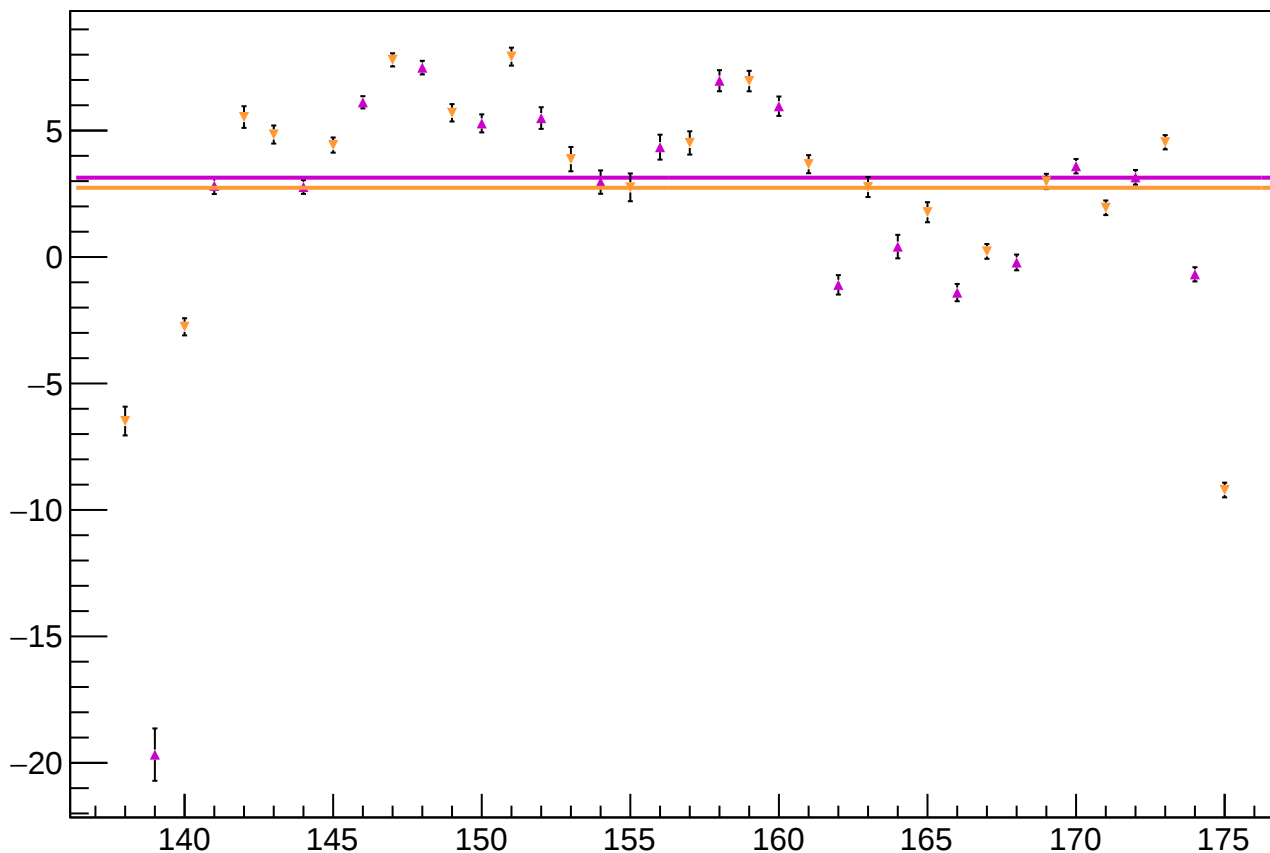
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 11.116 $\pm$ 0.108 χ^2/NDF :2767.5/17

Out: 13.484 $\pm$ 0.104 χ^2/NDF :7648.3/19

All: 12.339 $\pm$ 0.075 χ^2/NDF : 10664.6/37

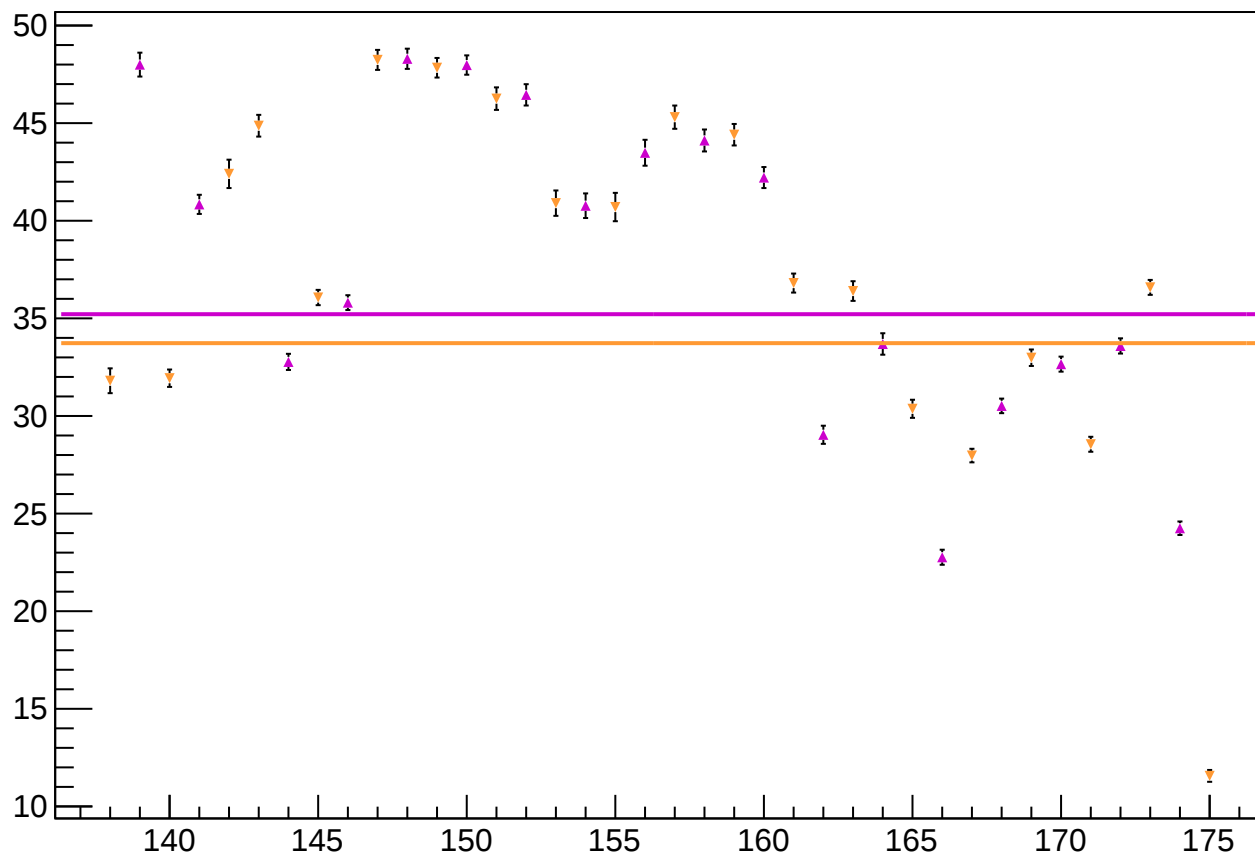
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.737+/-0.078 χ^2/NDF :3254.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.137+/-0.080 χ^2/NDF :1747.0/17

Left: 2.931+/-0.056 χ^2/NDF : 5014.5/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.137+/-0.080 χ^2/NDF :1747.0/17
 Out: 2.737+/-0.078 χ^2/NDF :3254.6/19
 All: 2.931+/-0.056 χ^2/NDF : 5014.5/37

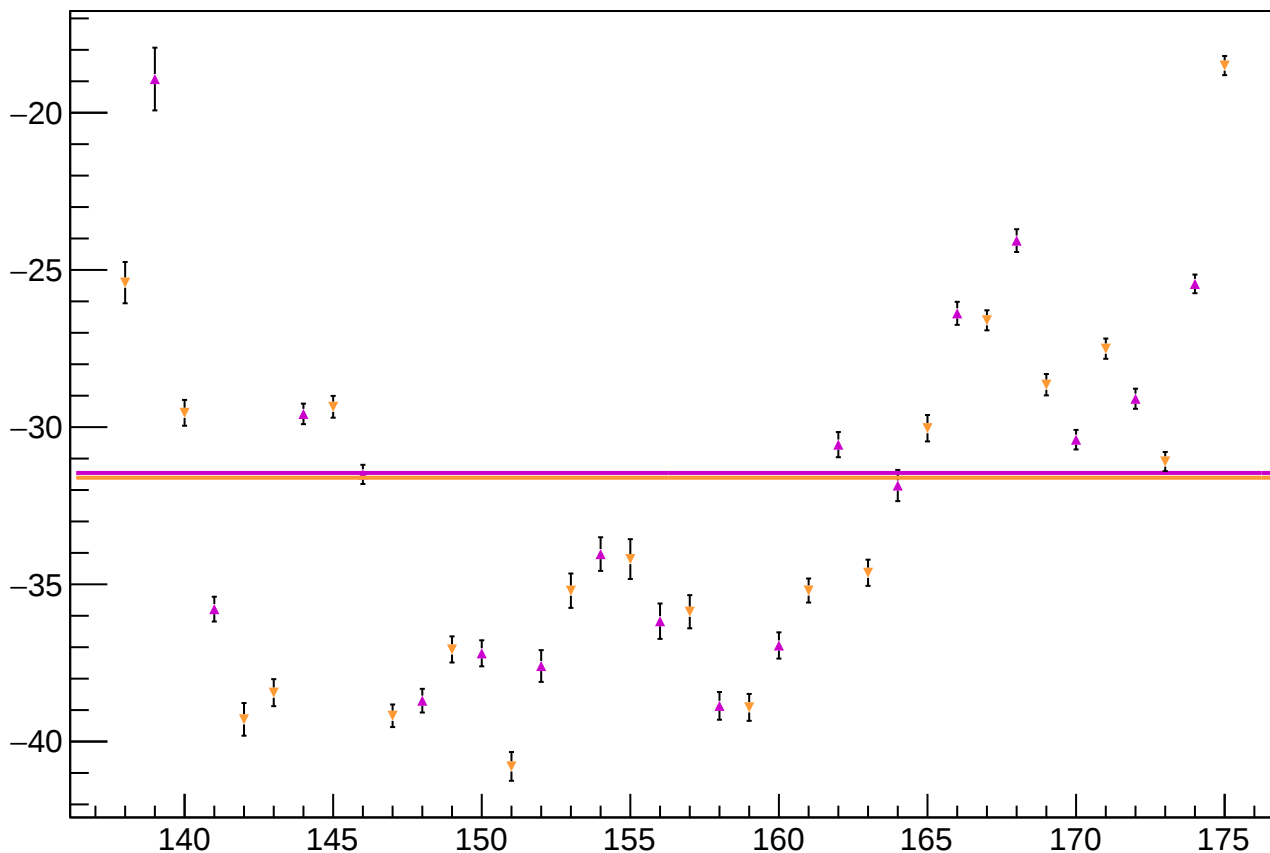
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 33.730+/-0.105 χ^2/NDF :9605.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 35.213+/-0.108 χ^2/NDF :5435.2/17

Left: 34.448+/-0.075 χ^2/NDF : 15137.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 35.213+/-0.108 χ^2/NDF :5435.2/17
 Out: 33.730+/-0.105 χ^2/NDF :9605.4/19
 All: 34.448+/-0.075 χ^2/NDF : 15137.8/37

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: -31.609 $\pm$ 0.089 χ^2 /NDF:4554.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.457 $\pm$ 0.092 χ^2 /NDF:2660.4/17

Left: -31.536 $\pm$ 0.064 χ^2 /NDF: 7216.4/37

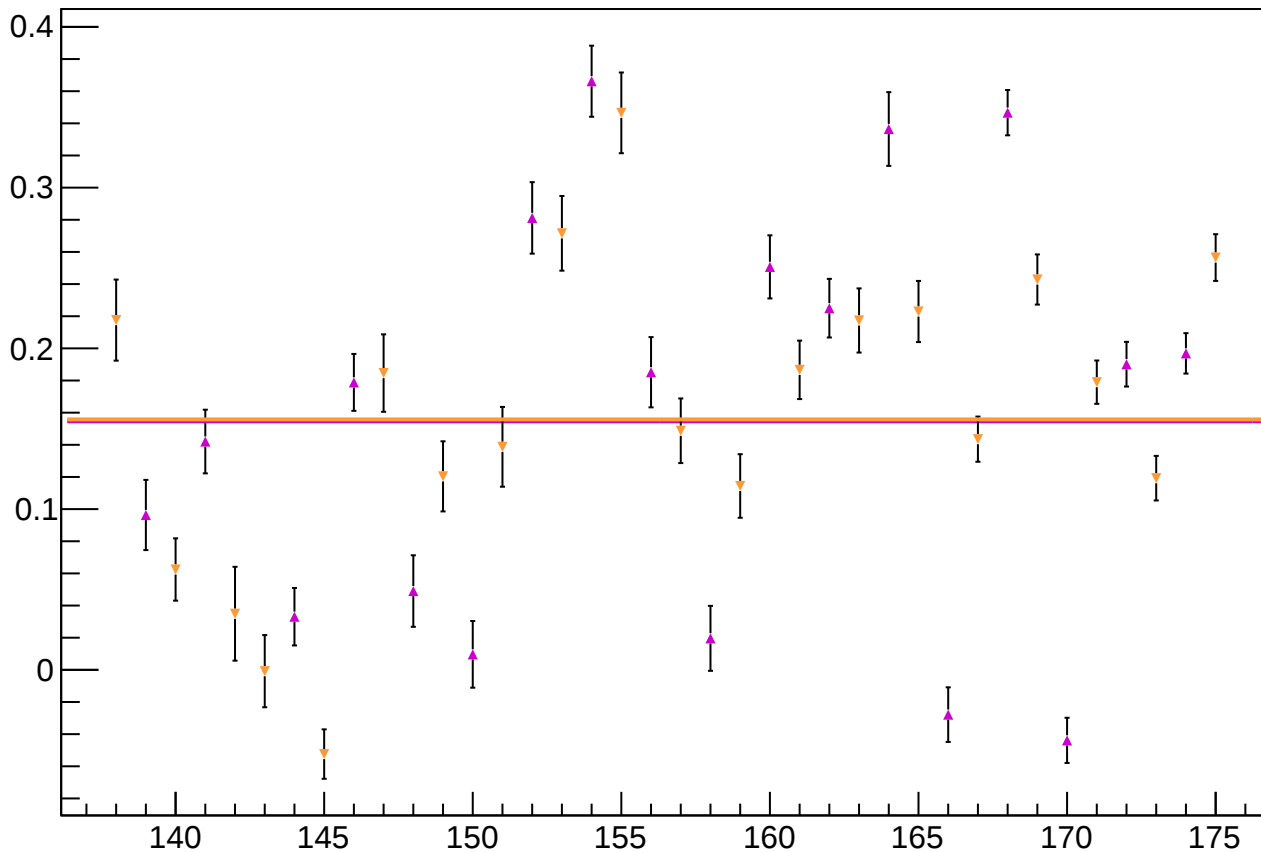
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.457 $\pm$ 0.092 χ^2 /NDF:2660.4/17

Out: -31.609 $\pm$ 0.089 χ^2 /NDF:4554.6/19

All: -31.536 $\pm$ 0.064 χ^2 /NDF: 7216.4/37

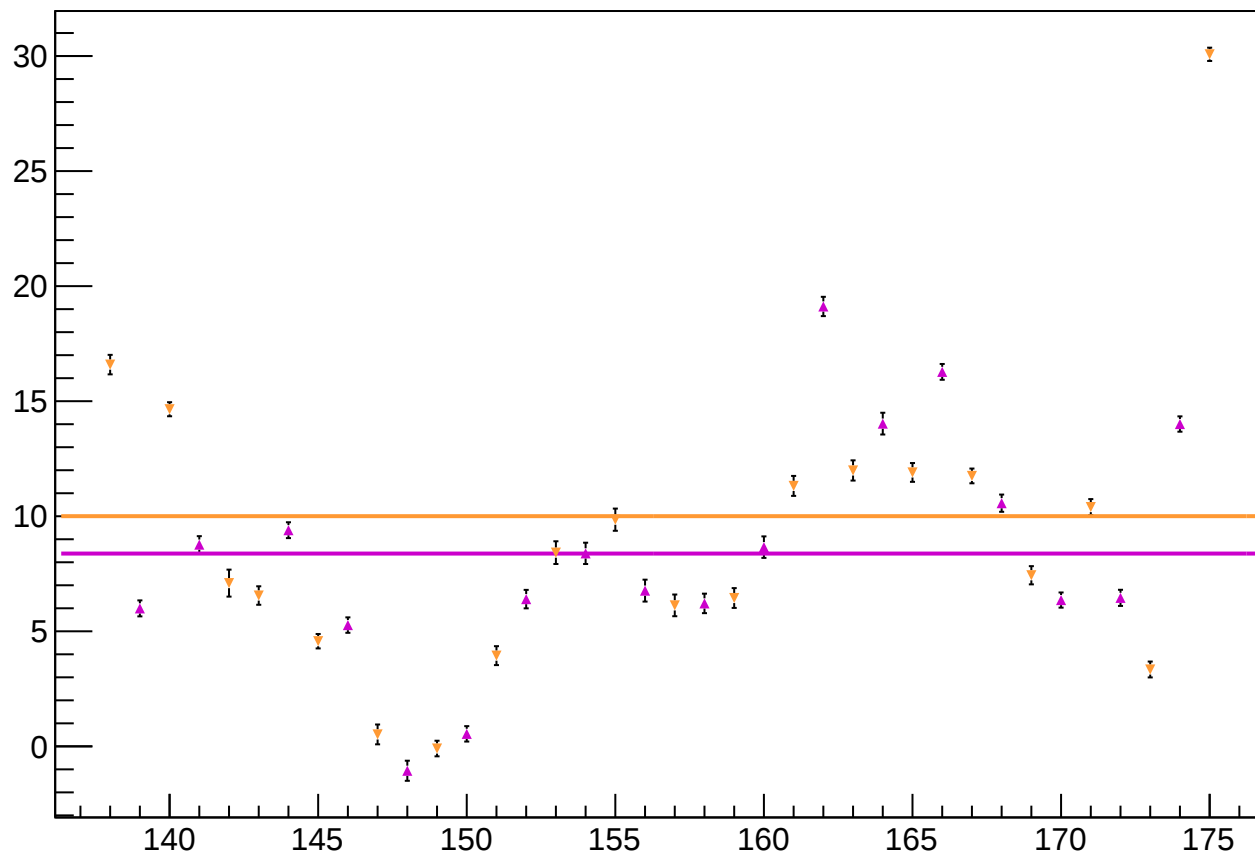
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17

Left: 0.155 $\pm$ 0.003 χ^2 /NDF: 1401.9/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17
 Out: 0.156 $\pm$ 0.004 χ^2 /NDF:484.5/19
 All: 0.155 $\pm$ 0.003 χ^2 /NDF: 1401.9/37

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: 10.003±/-0.086 χ^2/NDF :7926.3/19

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: 8.378±/-0.090 χ^2/NDF :2933.7/17

Left: 9.223±/-0.062 χ^2/NDF : 11031.3/37

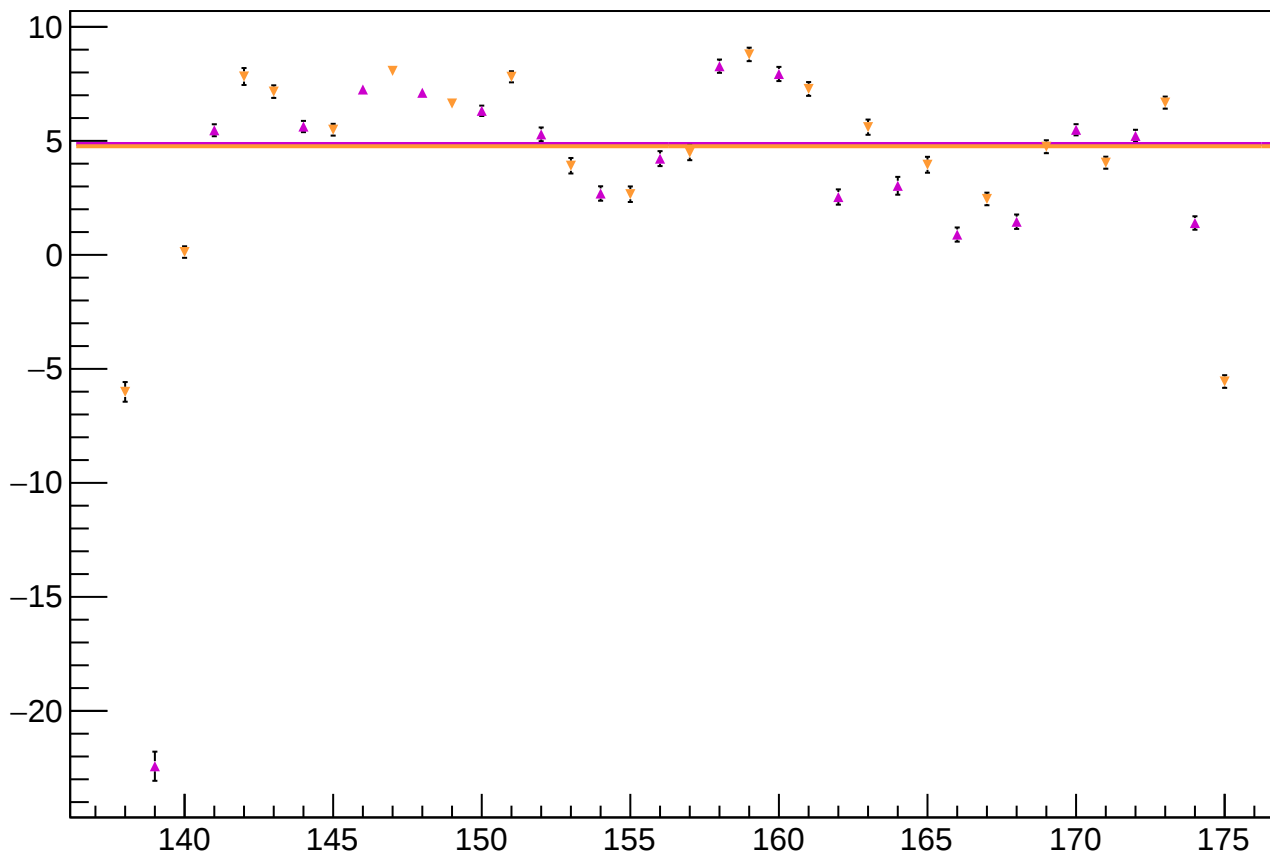
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: 8.378±/-0.090 χ^2/NDF :2933.7/17

Out: 10.003±/-0.086 χ^2/NDF :7926.3/19

All: 9.223±/-0.062 χ^2/NDF : 11031.3/37

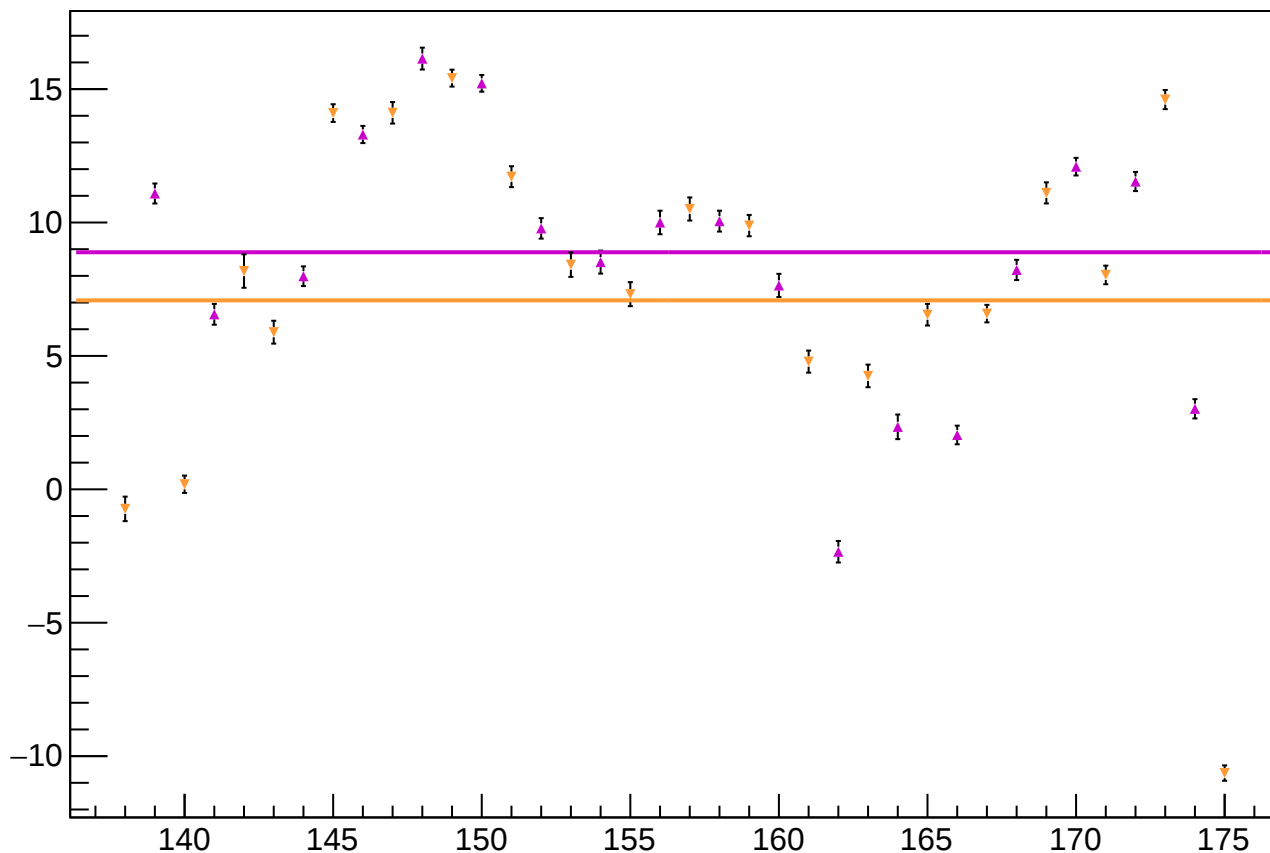
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.764+/-0.063 χ^2/NDF :3414.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.863+/-0.067 χ^2/NDF :2896.7/17

Left: 4.811+/-0.046 χ^2/NDF : 6312.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.863+/-0.067 χ^2/NDF :2896.7/17
 Out: 4.764+/-0.063 χ^2/NDF :3414.5/19
 All: 4.811+/-0.046 χ^2/NDF : 6312.4/37

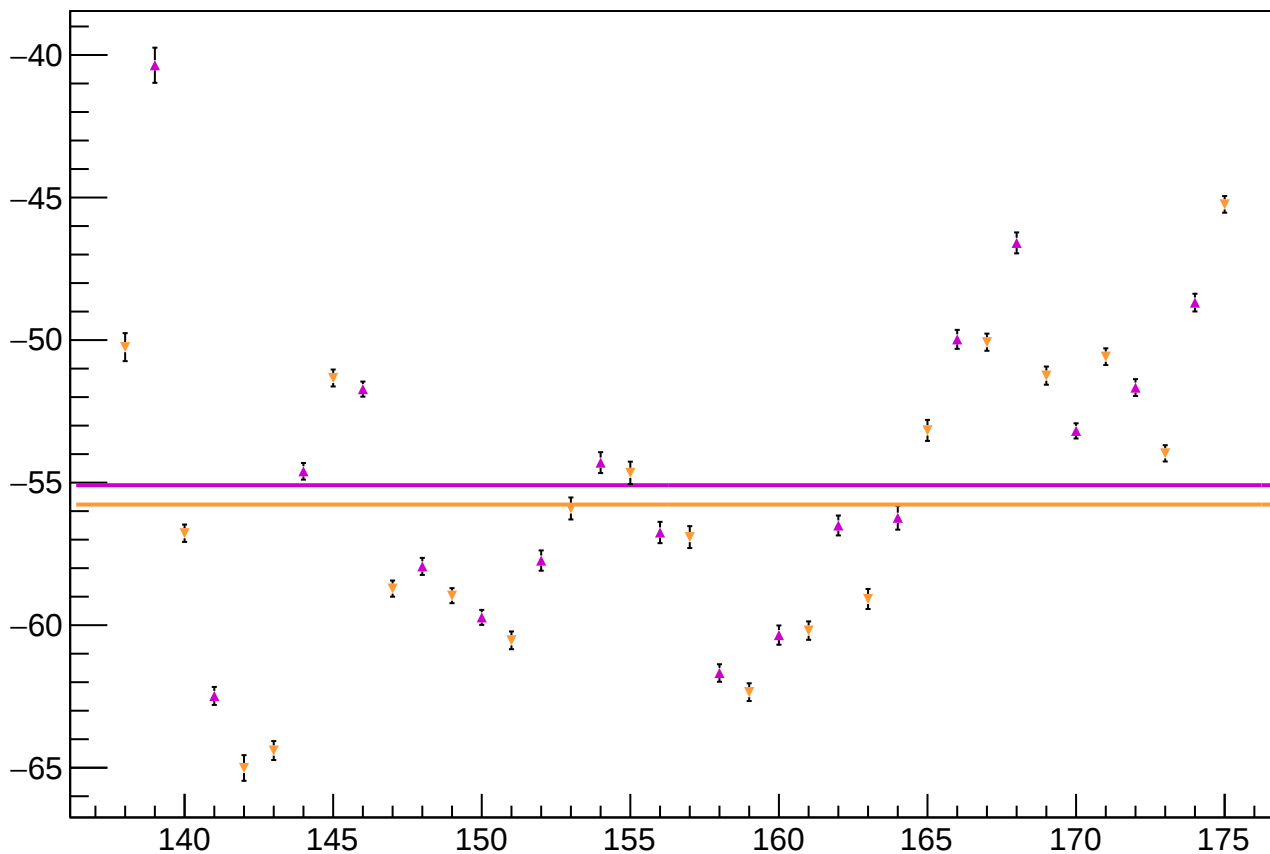
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 8.885 $\pm$ 0.089 χ^2 /NDF:2789.3/17

Left: 7.950 $\pm$ 0.062 χ^2 /NDF: 9847.4/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 8.885 $\pm$ 0.089 χ^2 /NDF:2789.3/17
 Out: 7.082 $\pm$ 0.086 χ^2 /NDF:6844.6/19
 All: 7.950 $\pm$ 0.062 χ^2 /NDF: 9847.4/37

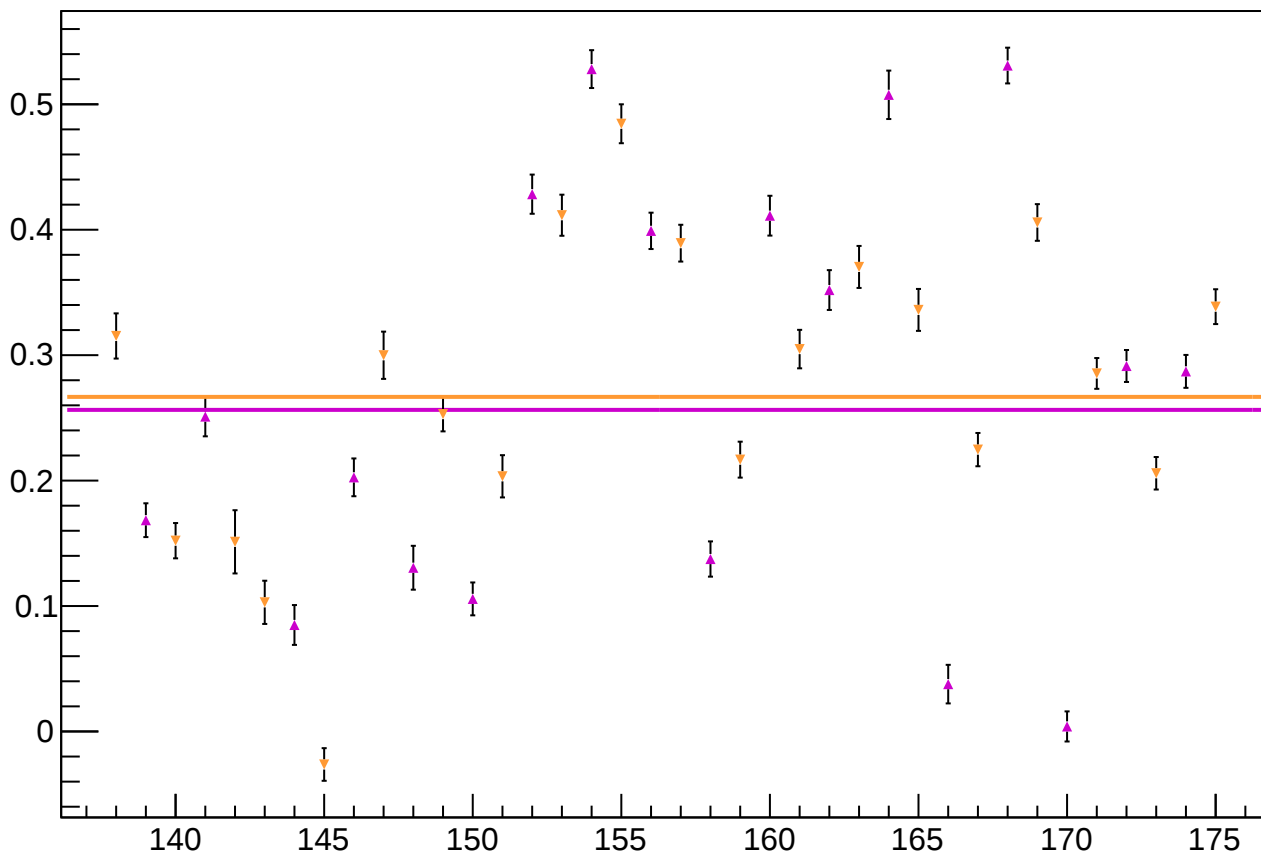
reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.769+/-0.073 χ^2/NDF :4947.5/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -55.091+/-0.076 χ^2/NDF :3869.9/17

Left: -55.446+/-0.053 χ^2/NDF : 8858.8/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -55.091+/-0.076 χ^2/NDF :3869.9/17
 Out: -55.769+/-0.073 χ^2/NDF :4947.5/19
 All: -55.446+/-0.053 χ^2/NDF : 8858.8/37

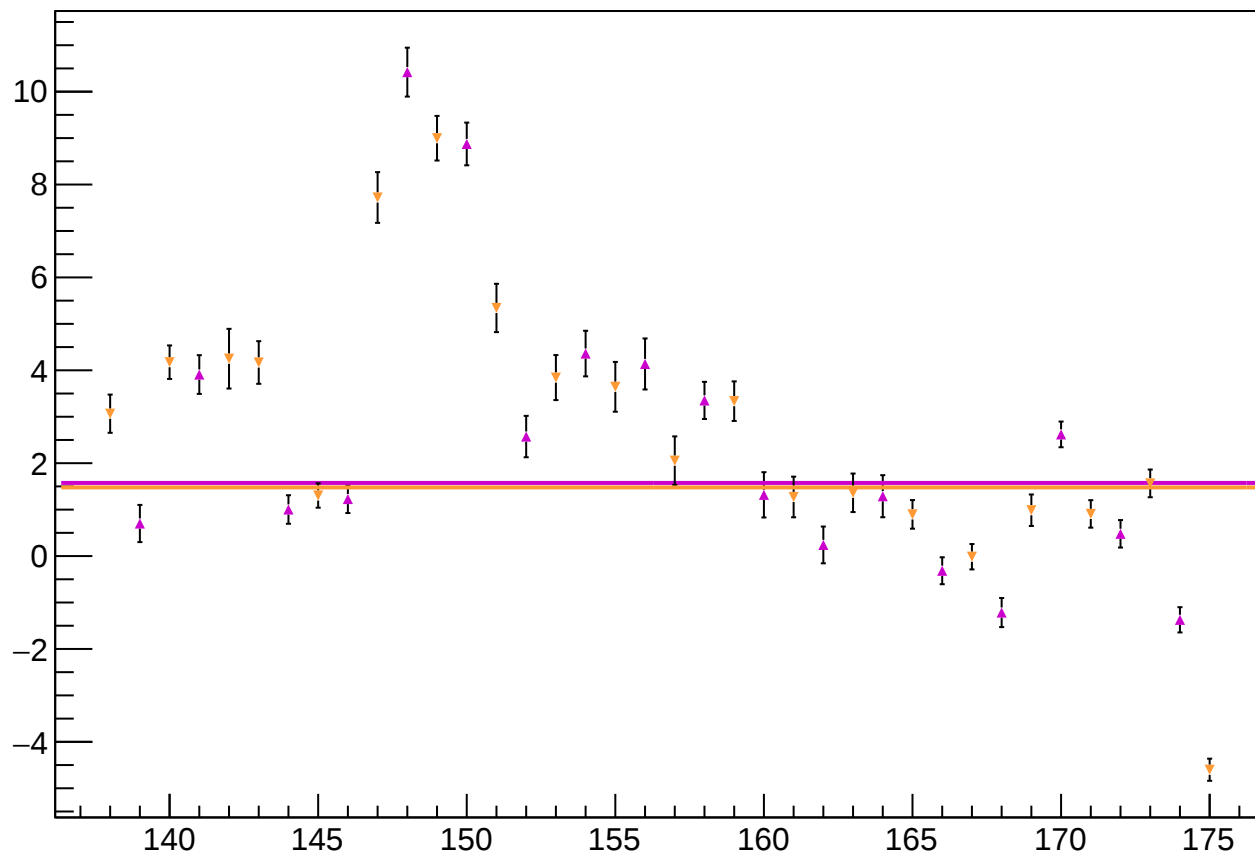
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.267+/-0.003 χ^2/NDF :1281.2/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.256+/-0.003 χ^2/NDF :2299.3/17

Left: 0.262+/-0.002 χ^2/NDF : 3585.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.003 χ^2/NDF :2299.3/17
 Out: 0.267+/-0.003 χ^2/NDF :1281.2/19
 All: 0.262+/-0.002 χ^2/NDF : 3585.0/37

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1.478 $\pm$ 0.082 χ^2 /NDF:1305.6/19

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 1.575 $\pm$ 0.086 χ^2 /NDF:932.8/17

Left: 1.525 $\pm$ 0.059 χ^2 /NDF: 2239.1/37

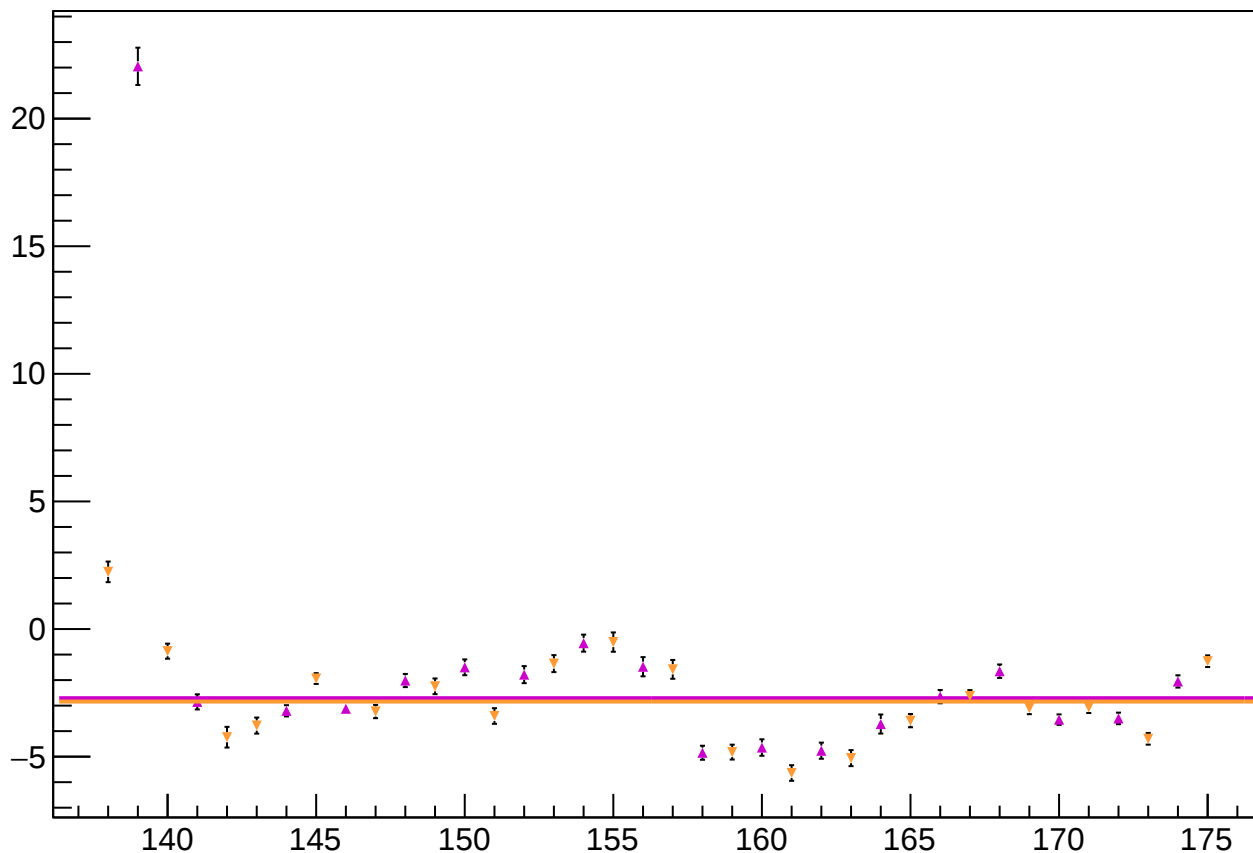
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 1.575 $\pm$ 0.086 χ^2 /NDF:932.8/17

Out: 1.478 $\pm$ 0.082 χ^2 /NDF:1305.6/19

All: 1.525 $\pm$ 0.059 χ^2 /NDF: 2239.1/37

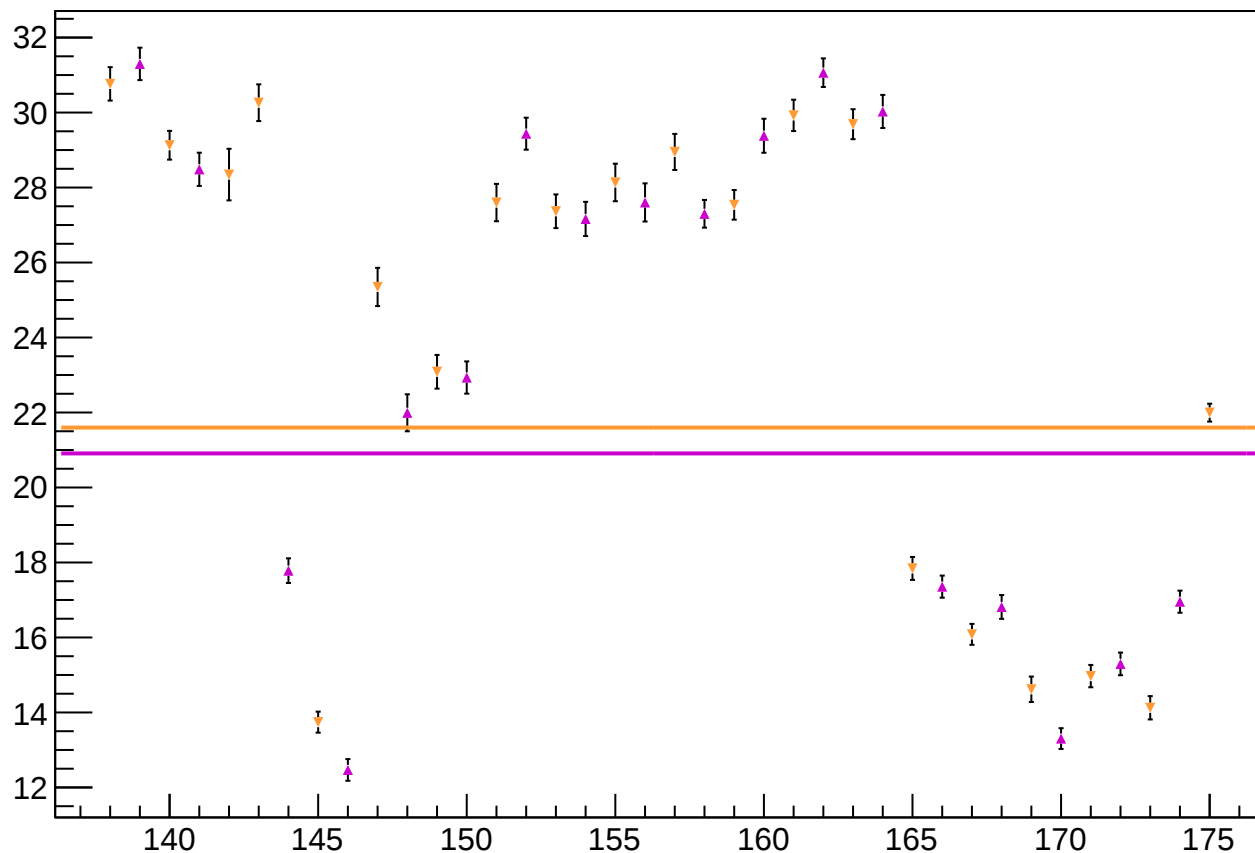
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.840+/-0.062 χ^2/NDF :600.4/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.709+/-0.065 χ^2/NDF :1437.8/17

Left: -2.777+/-0.045 χ^2/NDF : 2040.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.709+/-0.065 χ^2/NDF :1437.8/17
 Out: -2.840+/-0.062 χ^2/NDF :600.4/19
 All: -2.777+/-0.045 χ^2/NDF : 2040.4/37

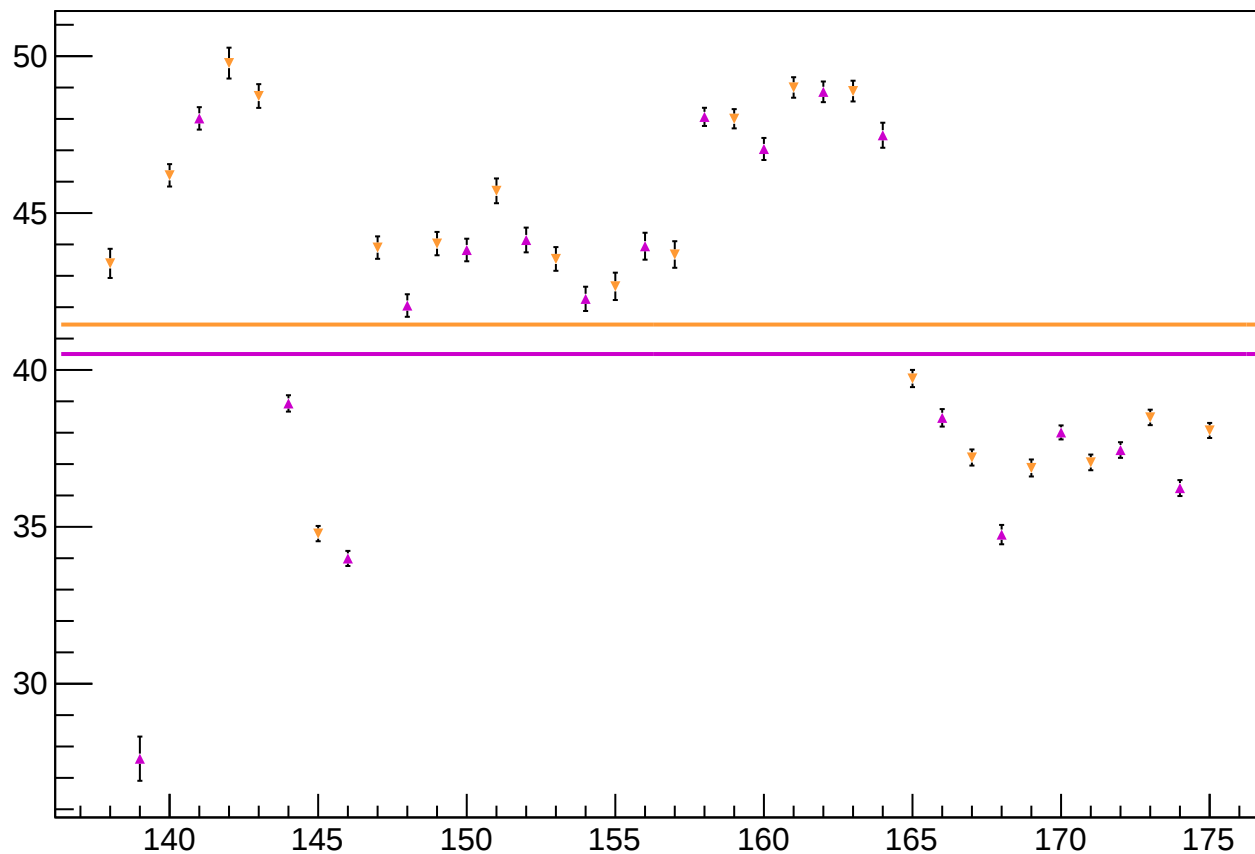
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.909+/-0.086 χ^2/NDF :5969.4/17

Left: 21.266+/-0.059 χ^2/NDF : 11855.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.909+/-0.086 χ^2/NDF :5969.4/17
 Out: 21.598+/-0.083 χ^2/NDF :5852.0/19
 All: 21.266+/-0.059 χ^2/NDF : 11855.0/37

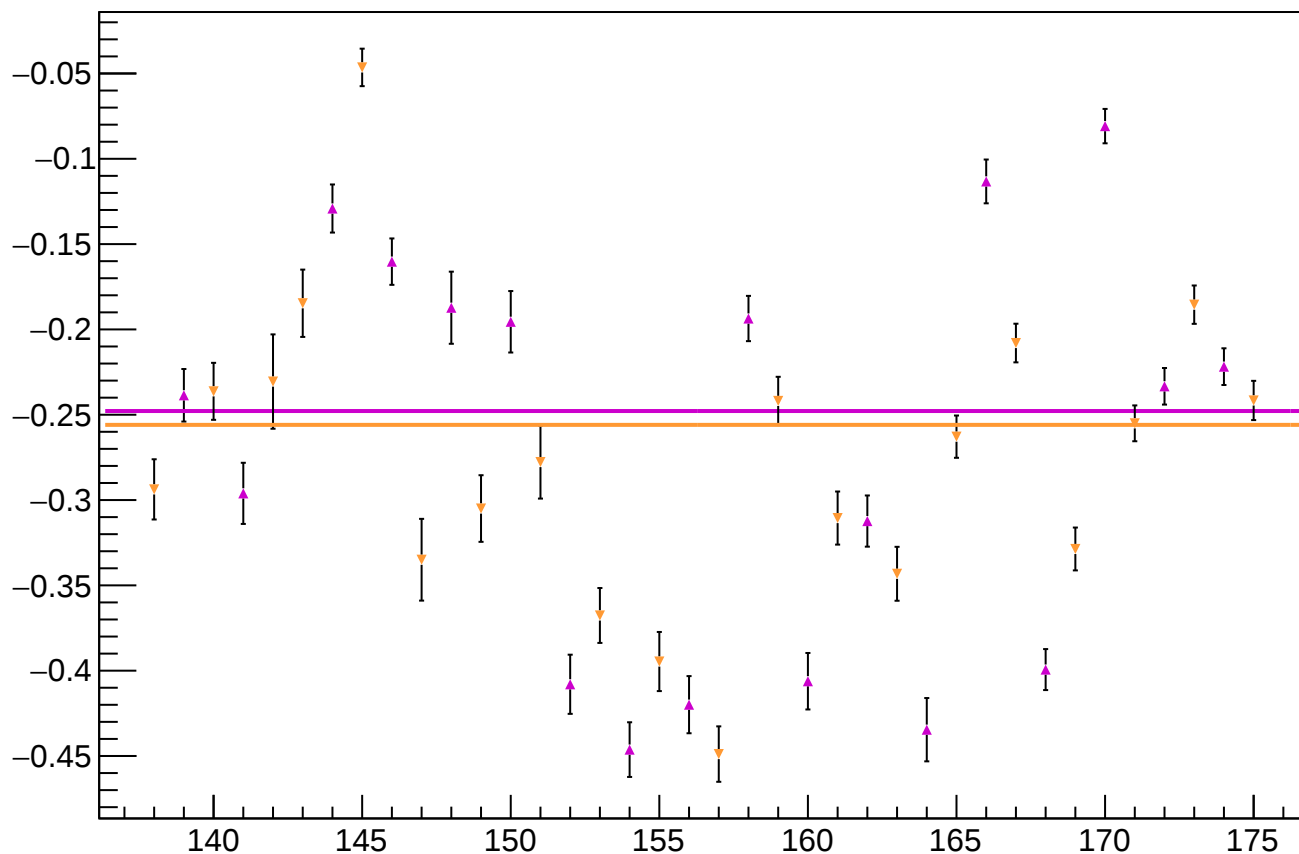
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 41.447+/-0.071 χ^2/NDF :4621.1/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 40.508+/-0.073 χ^2/NDF :4756.0/17

Left: 40.995+/-0.051 χ^2/NDF : 9462.3/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 40.508+/-0.073 χ^2/NDF :4756.0/17
 Out: 41.447+/-0.071 χ^2/NDF :4621.1/19
 All: 40.995+/-0.051 χ^2/NDF : 9462.3/37

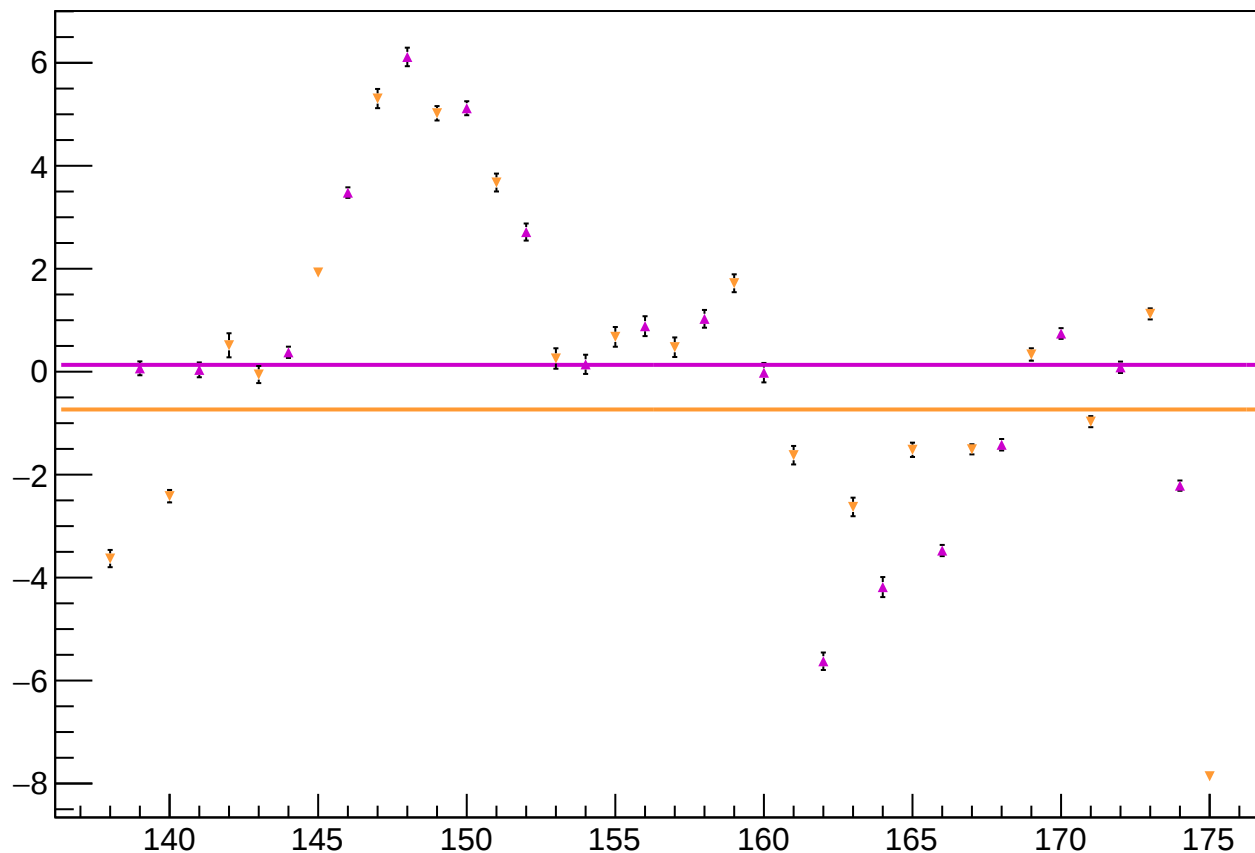
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.256 $\pm$ 0.003 χ^2 /NDF:791.6/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.248 $\pm$ 0.003 χ^2 /NDF:1260.1/17

Left: -0.252 $\pm$ 0.002 χ^2 /NDF: 2054.8/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.248 $\pm$ 0.003 χ^2 /NDF:1260.1/17
 Out: -0.256 $\pm$ 0.003 χ^2 /NDF:791.6/19
 All: -0.252 $\pm$ 0.002 χ^2 /NDF: 2054.8/37

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



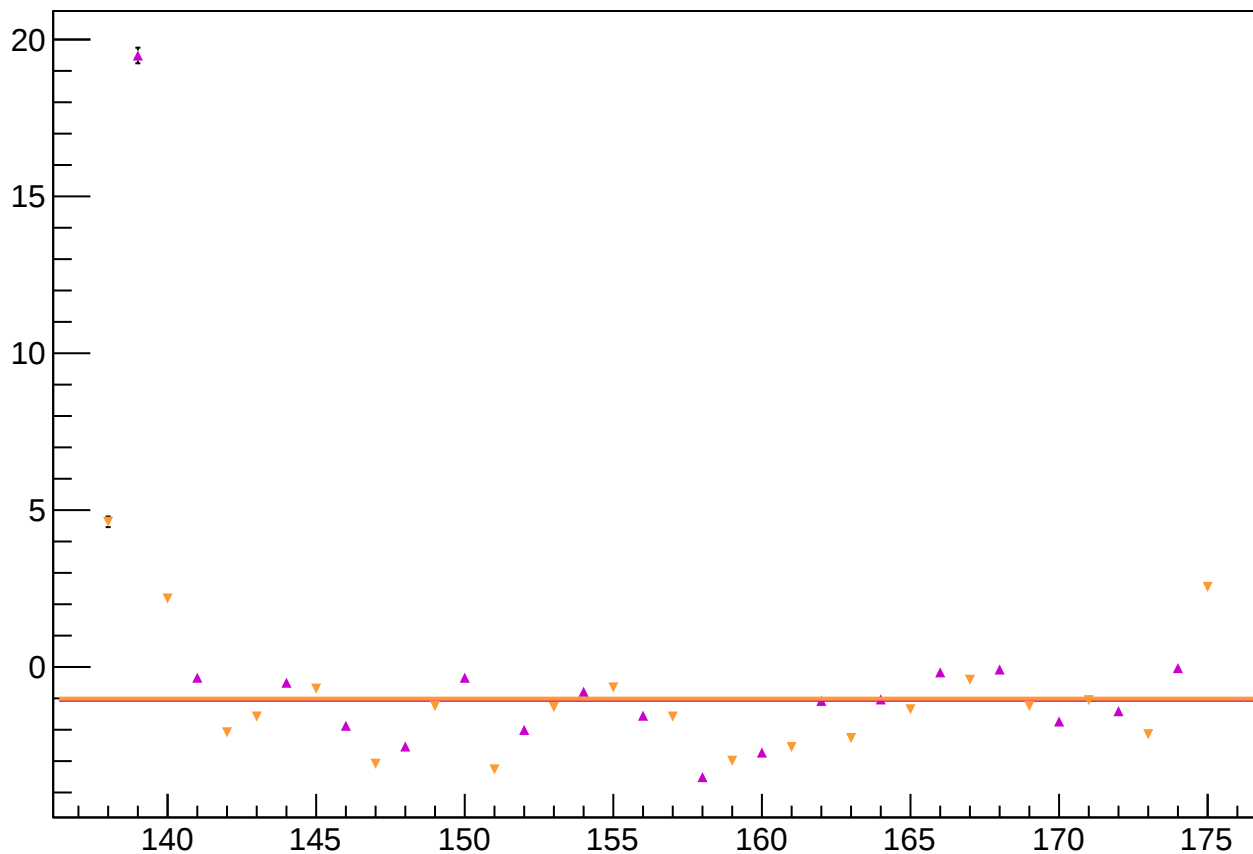
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.734+/-0.030 χ^2/NDF :12274.8/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.133+/-0.031 χ^2/NDF :7332.9/17

Left: -0.314+/-0.022 χ^2/NDF : 20003.1/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.133+/-0.031 χ^2/NDF :7332.9/17
 Out: -0.734+/-0.030 χ^2/NDF :12274.8/19

All: -0.314+/-0.022 χ^2/NDF : 20003.1/37

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



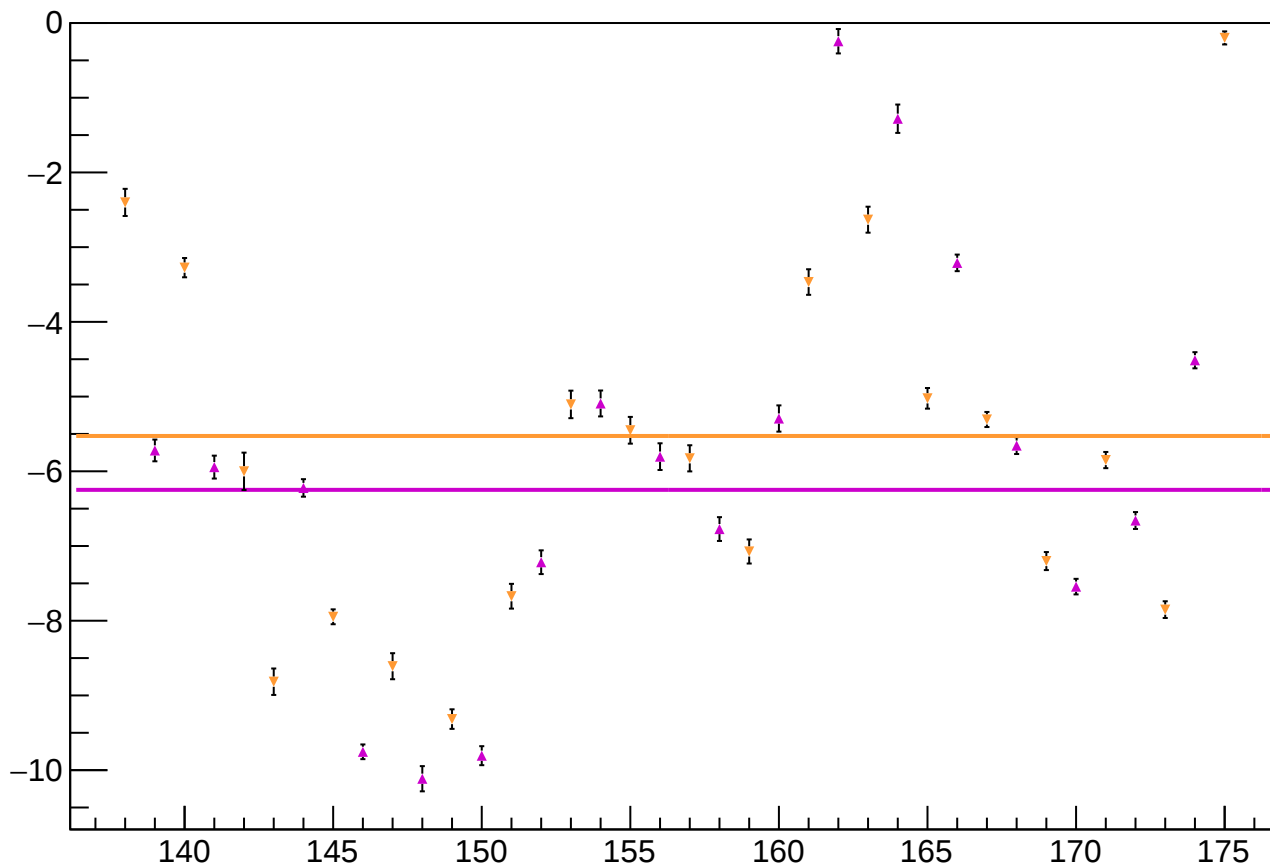
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.046+/-0.024 χ^2/NDF : 8481.9/17

Left: -1.027+/-0.016 χ^2/NDF : 14320.0/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.046+/-0.024 χ^2/NDF : 8481.9/17
 Out: -1.009+/-0.023 χ^2/NDF : 5836.9/19

All: -1.027+/-0.016 χ^2/NDF : 14320.0/37

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



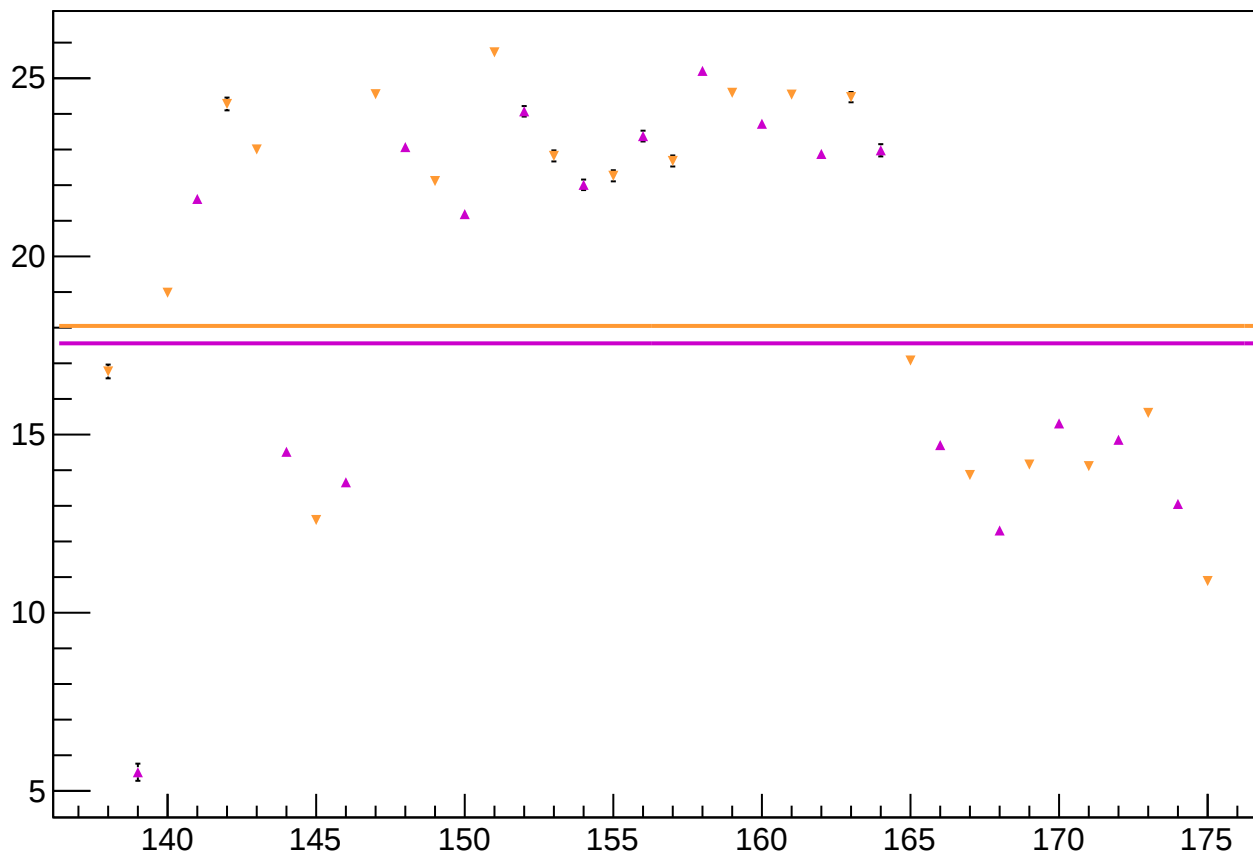
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.527+/-0.030 χ^2/NDF : 7736.3/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.248+/-0.031 χ^2/NDF : 5961.4/17

Left: -5.877+/-0.022 χ^2/NDF : 13970.5/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -6.248+/-0.031 χ^2/NDF : 5961.4/17
 Out: -5.527+/-0.030 χ^2/NDF : 7736.3/19

All: -5.877+/-0.022 χ^2/NDF : 13970.5/37

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: 18.049+/-0.026 χ^2/NDF :36582.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.560+/-0.027 χ^2/NDF :29506.1/17

Left: 17.813+/-0.019 χ^2/NDF : 66259.0/37

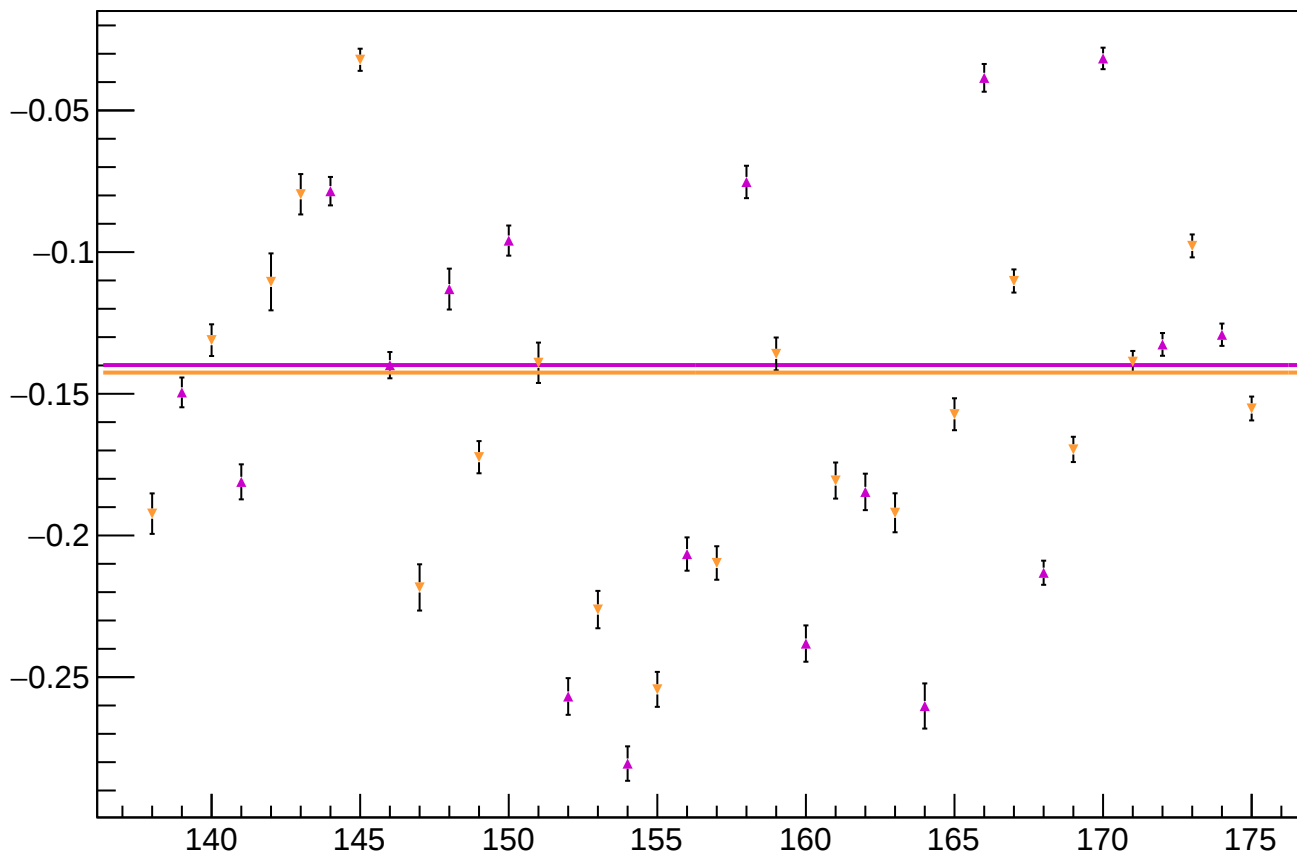
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.560+/-0.027 χ^2/NDF :29506.1/17

Out: 18.049+/-0.026 χ^2/NDF :36582.6/19

All: 17.813+/-0.019 χ^2/NDF : 66259.0/37

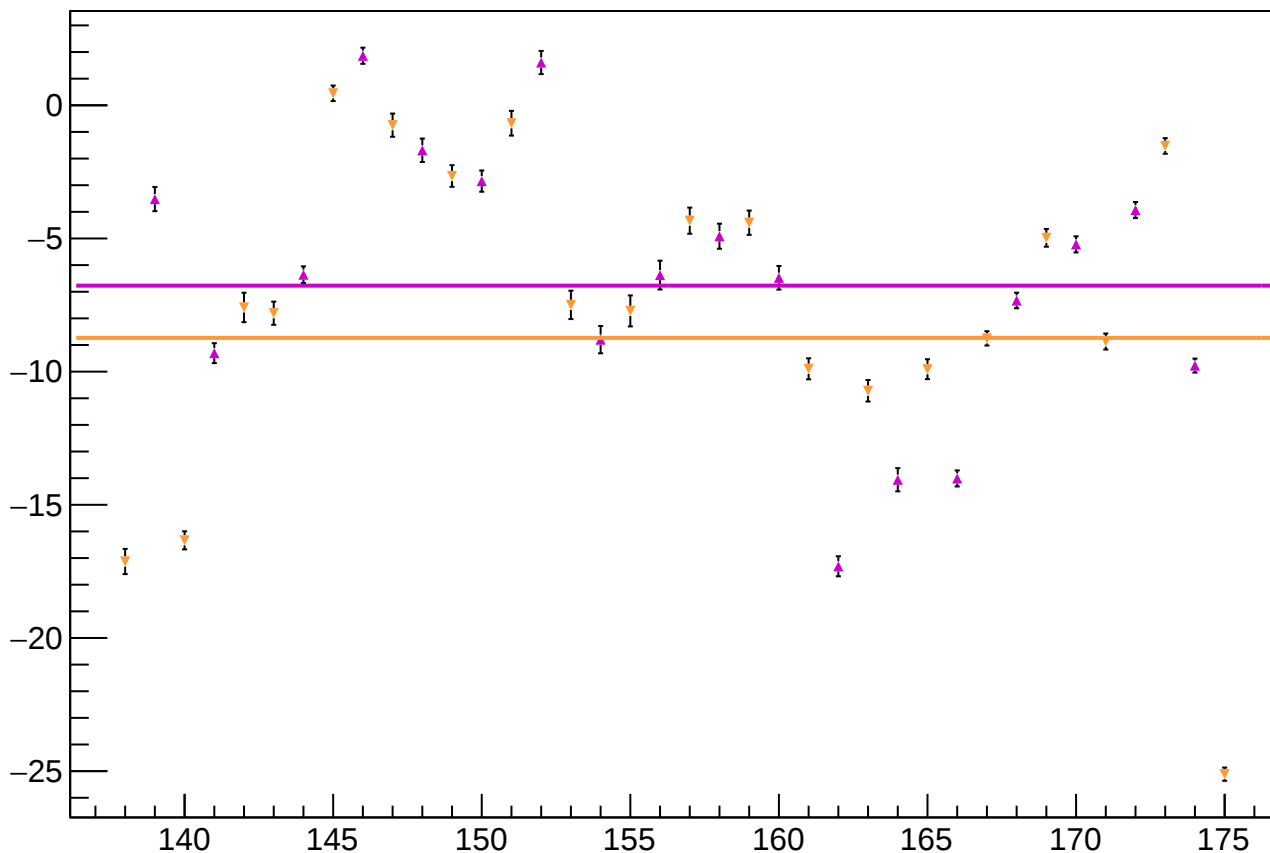
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.143+/-0.001 χ^2/NDF :1998.9/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.140+/-0.001 χ^2/NDF :3457.1/17

Left: -0.141+/-0.001 χ^2/NDF : 5458.4/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.140+/-0.001 χ^2/NDF :3457.1/17
 Out: -0.143+/-0.001 χ^2/NDF :1998.9/19
 All: -0.141+/-0.001 χ^2/NDF : 5458.4/37

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



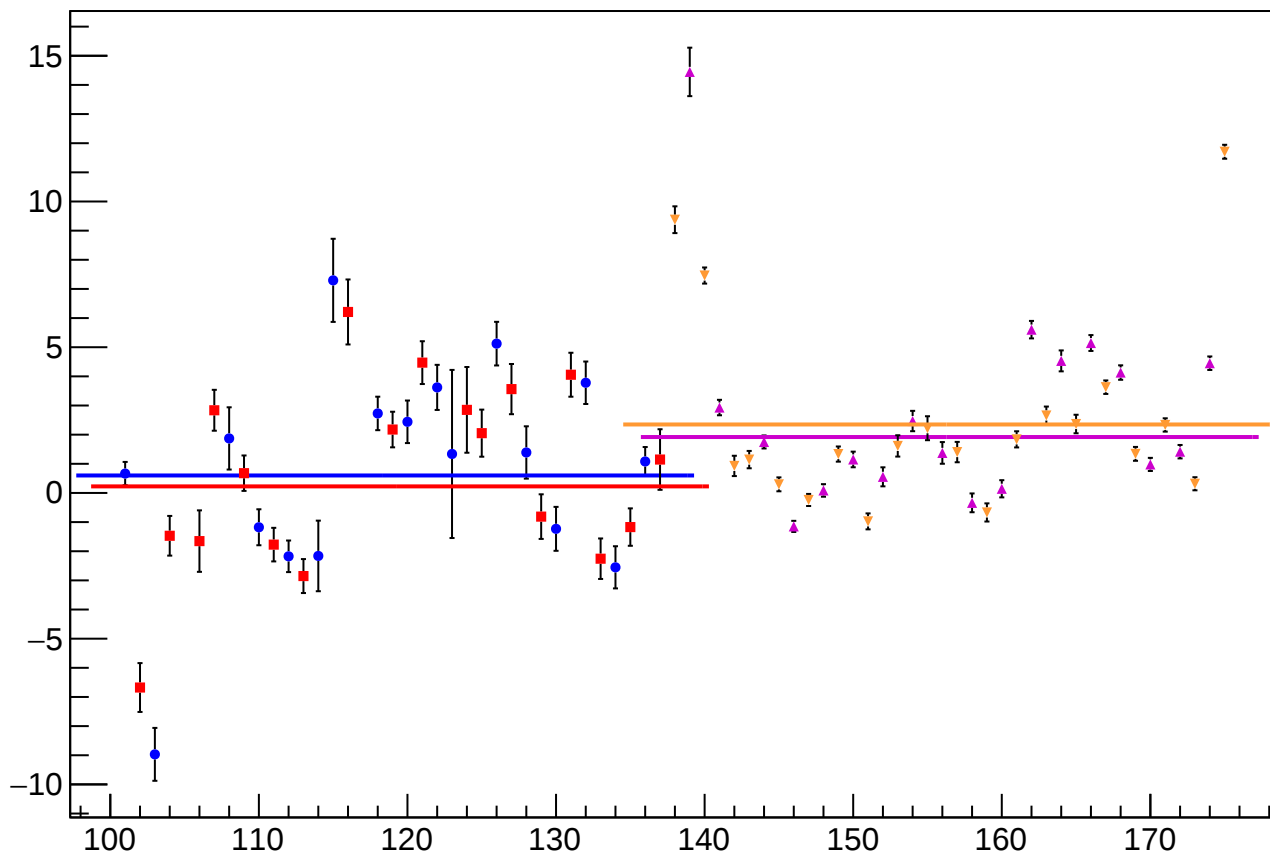
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -8.731 ± 0.083 $\chi^2/\text{NDF}: 7946.1/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.771 ± 0.085 $\chi^2/\text{NDF}: 3429.3/17$

Left: -7.779 ± 0.059 $\chi^2/\text{NDF}: 11648.0/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -6.771 ± 0.085 $\chi^2/\text{NDF}: 3429.3/17$
 Out: -8.731 ± 0.083 $\chi^2/\text{NDF}: 7946.1/19$

All: -7.779 ± 0.059 $\chi^2/\text{NDF}: 11648.0/37$

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 2.349 ± 0.061 χ^2/NDF : 2773.3/19

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 1.919 ± 0.063 χ^2/NDF : 1252.9/17

Left: 2.140 ± 0.044 χ^2/NDF : 4050.1/37

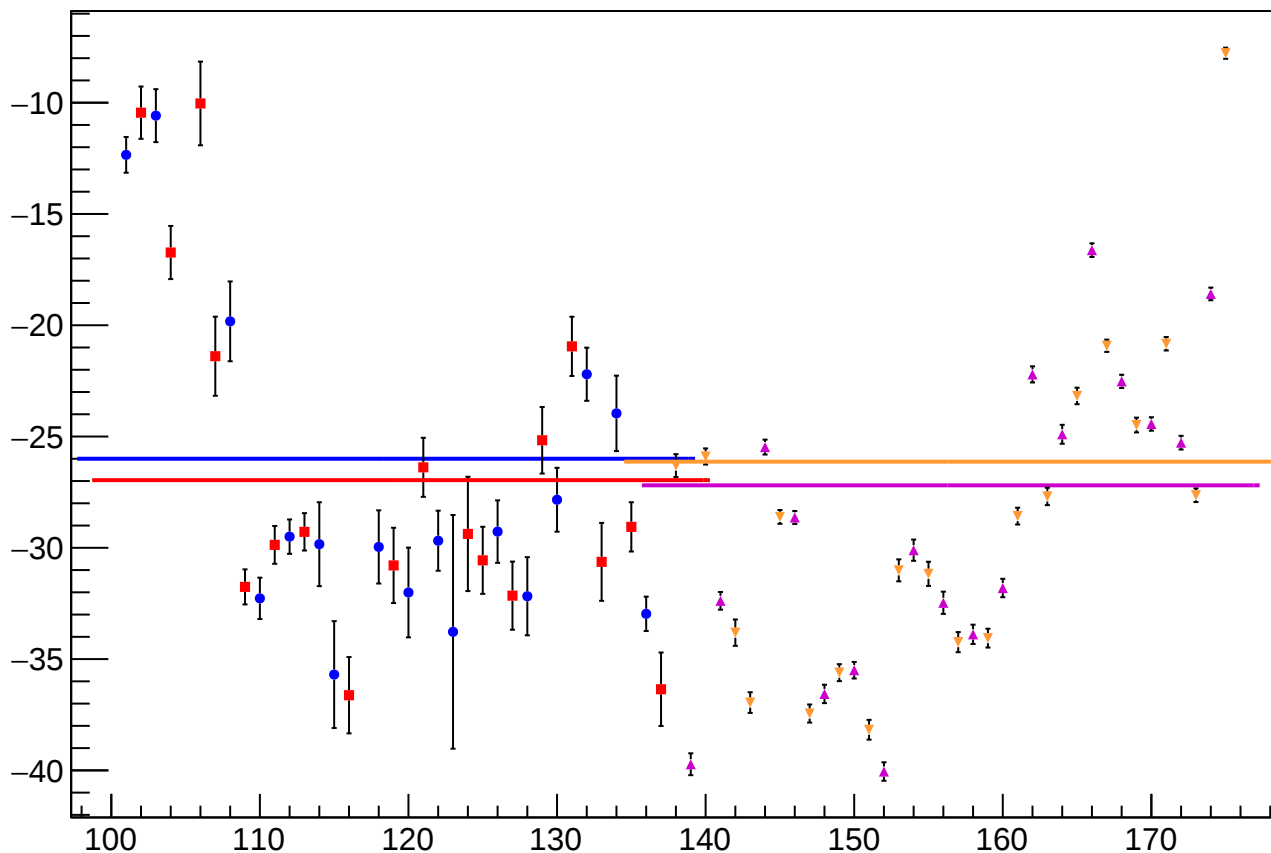
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 1.757 ± 0.059 χ^2/NDF : 1598.1/34

Out: 2.115 ± 0.058 χ^2/NDF : 3177.9/37

All: 1.940 ± 0.041 χ^2/NDF : 4794.8/72

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -26.129 ± 0.083 χ^2/NDF : 10003.2/19

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -27.193 ± 0.085 χ^2/NDF : 6034.7/17

Left: -26.646 ± 0.059 χ^2/NDF : 16118.3/37

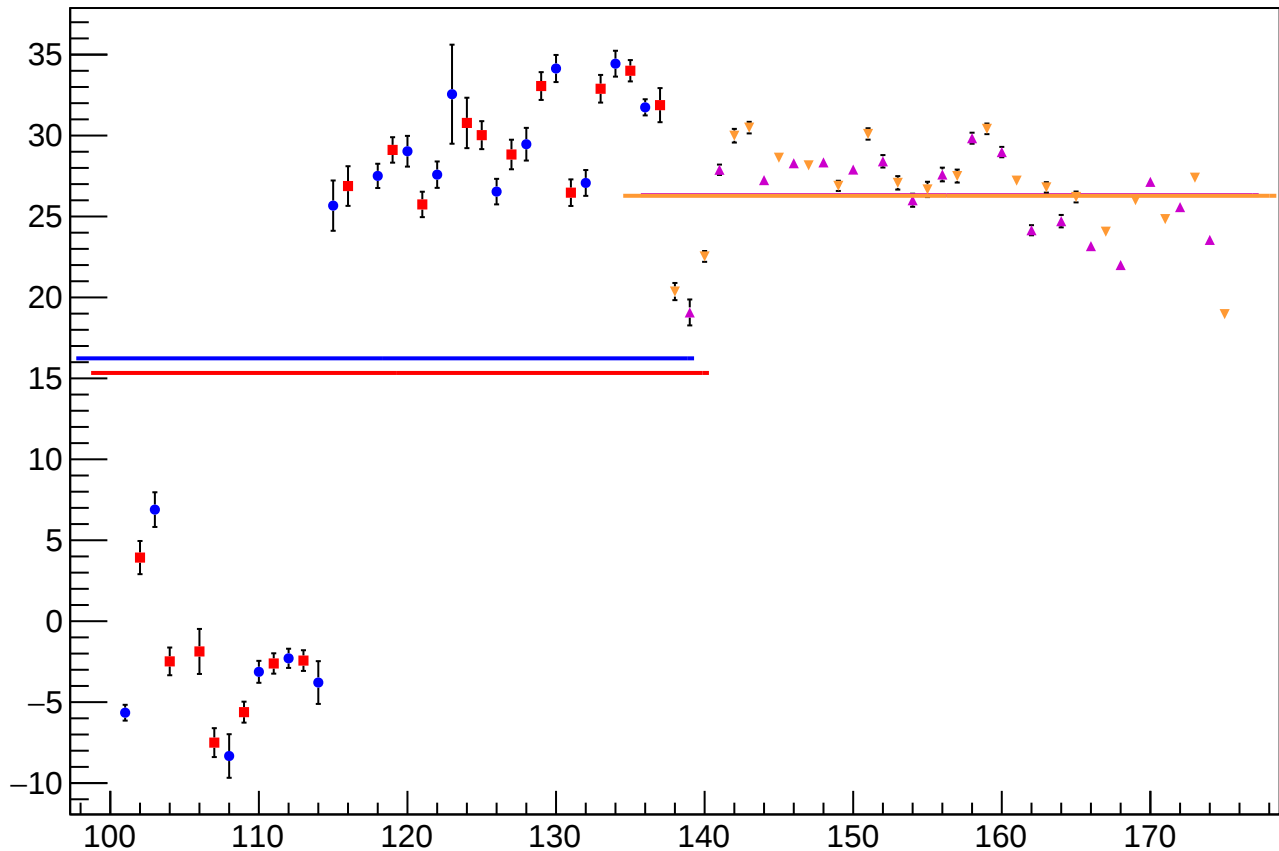
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -27.104 ± 0.082 χ^2/NDF : 6742.0/34

Out: -26.188 ± 0.080 χ^2/NDF : 10545.8/37

All: -26.634 ± 0.057 χ^2/NDF : 17352.1/72

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 26.280 $\pm$ 0.070 χ^2 /NDF:1865.9/19

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 26.320 $\pm$ 0.072 χ^2 /NDF:1026.0/17

Left: 26.299 $\pm$ 0.050 χ^2 /NDF: 2892.1/37

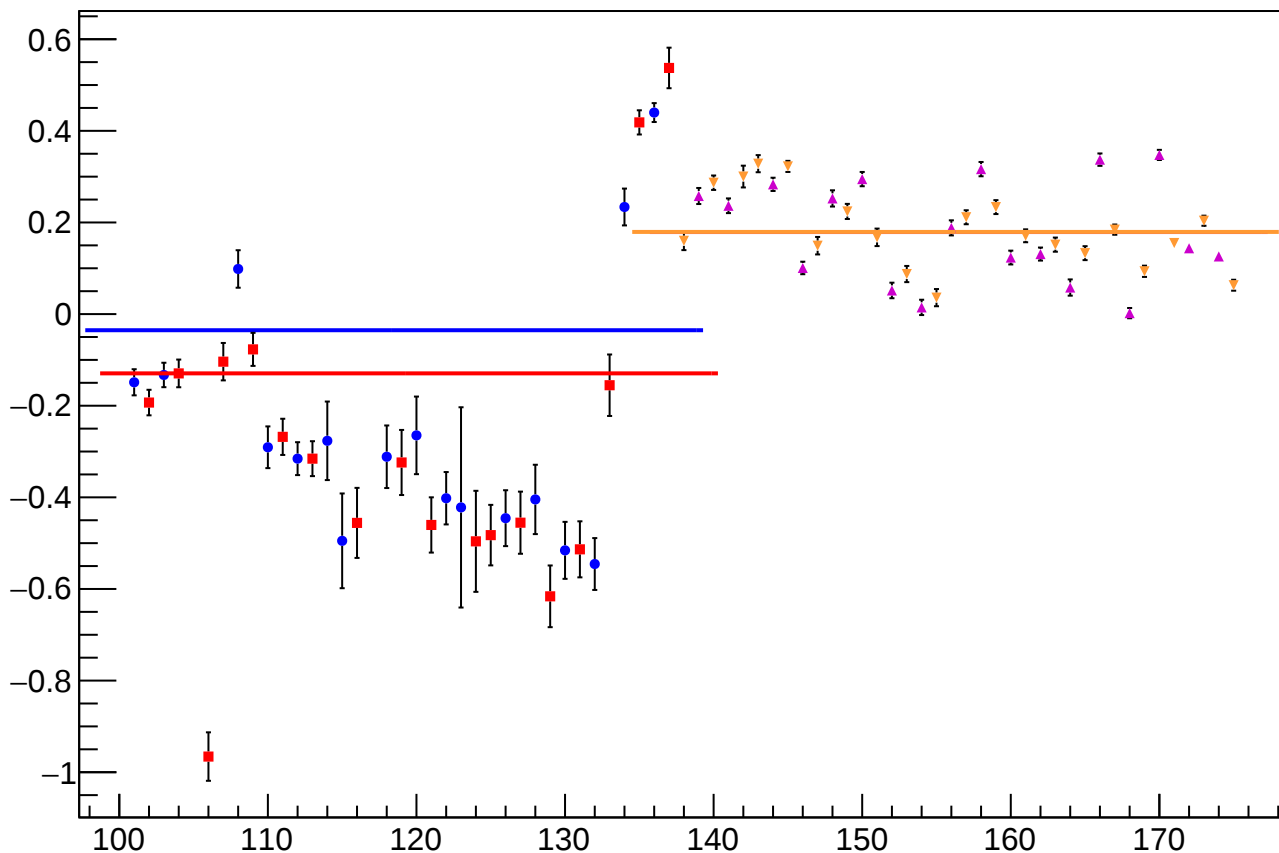
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.059 $\pm$ 0.068 χ^2 /NDF:11034.4/34

Out: 25.050 $\pm$ 0.066 χ^2 /NDF:11861.0/37

All: 25.055 $\pm$ 0.047 χ^2 /NDF: 22895.5/72

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: 0.179 ± 0.003 χ^2/NDF : 555.3/19

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.179 ± 0.003 χ^2/NDF : 1147.0/17

Left: 0.179 ± 0.002 χ^2/NDF : 1702.3/37

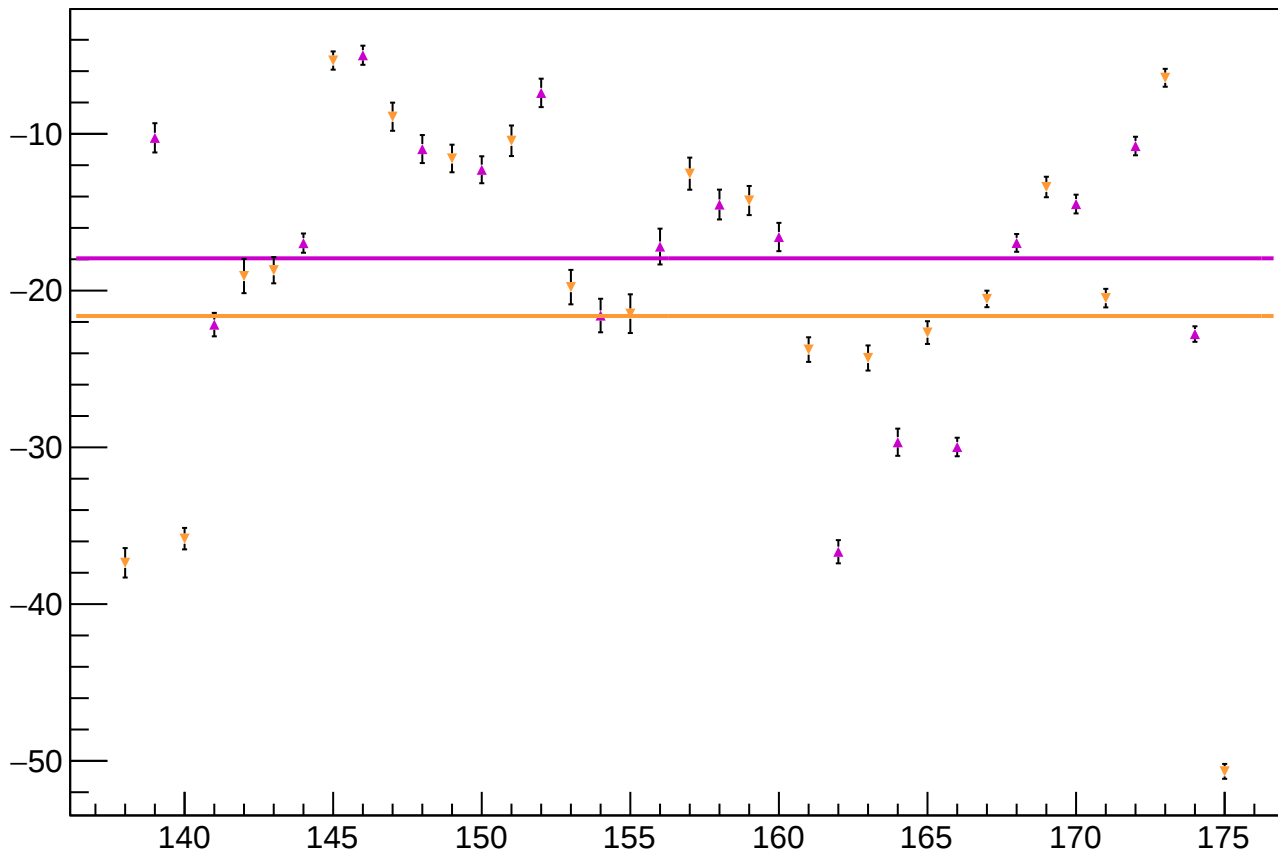
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.159 ± 0.003 χ^2/NDF : 2551.5/34

Out: 0.152 ± 0.003 χ^2/NDF : 2520.7/37

All: 0.155 ± 0.002 χ^2/NDF : 5075.0/72

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.620+/-0.164 χ^2/NDF : 6762.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

Left: -19.835+/-0.118 χ^2/NDF : 9339.5/37

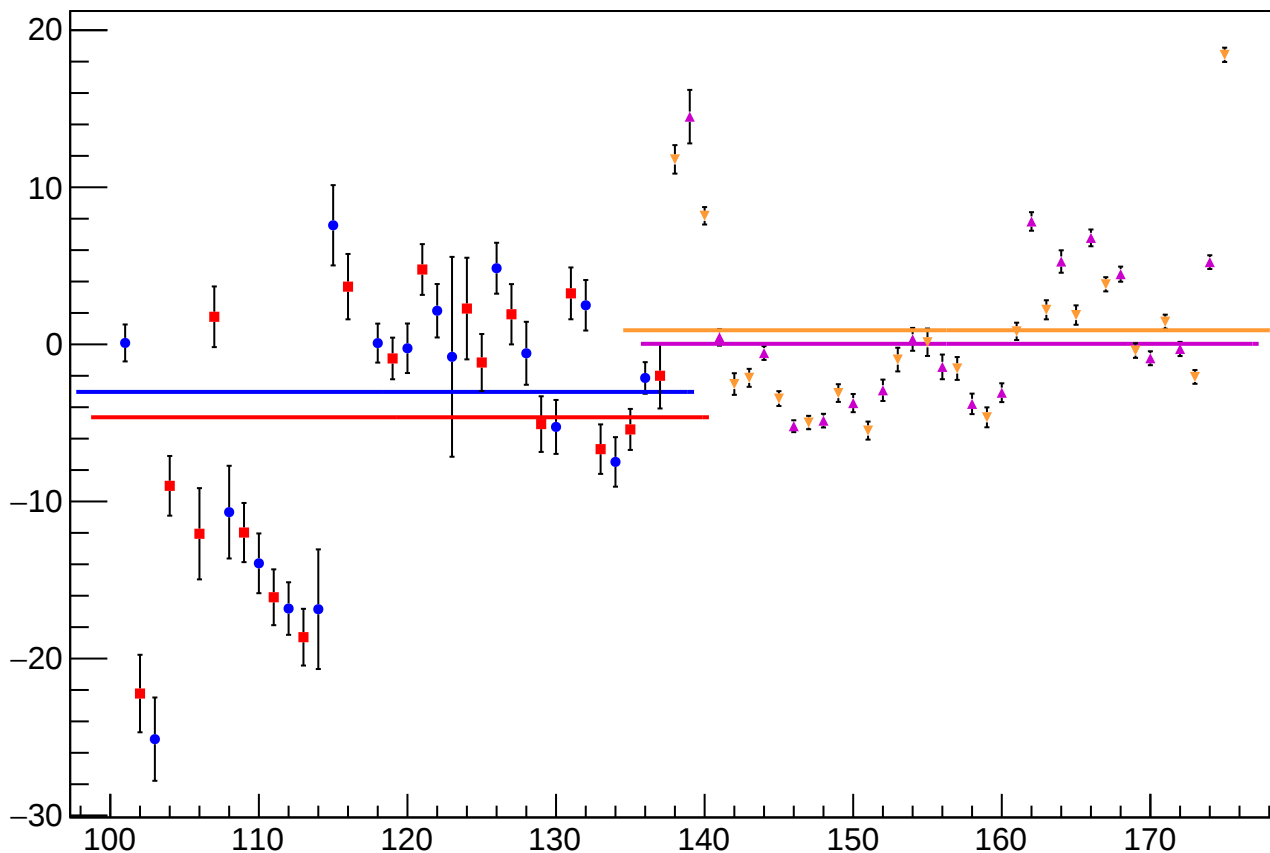
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.941+/-0.169 χ^2/NDF : 2333.6/17

Out: -21.620+/-0.164 χ^2/NDF : 6762.5/19

All: -19.835+/-0.118 χ^2/NDF : 9339.5/37

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 0.898 ± 0.123 χ^2/NDF : 2501.9/19

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 0.035 ± 0.126 χ^2/NDF : 1139.5/17

Left: 0.478 ± 0.088 χ^2/NDF : 3665.5/37

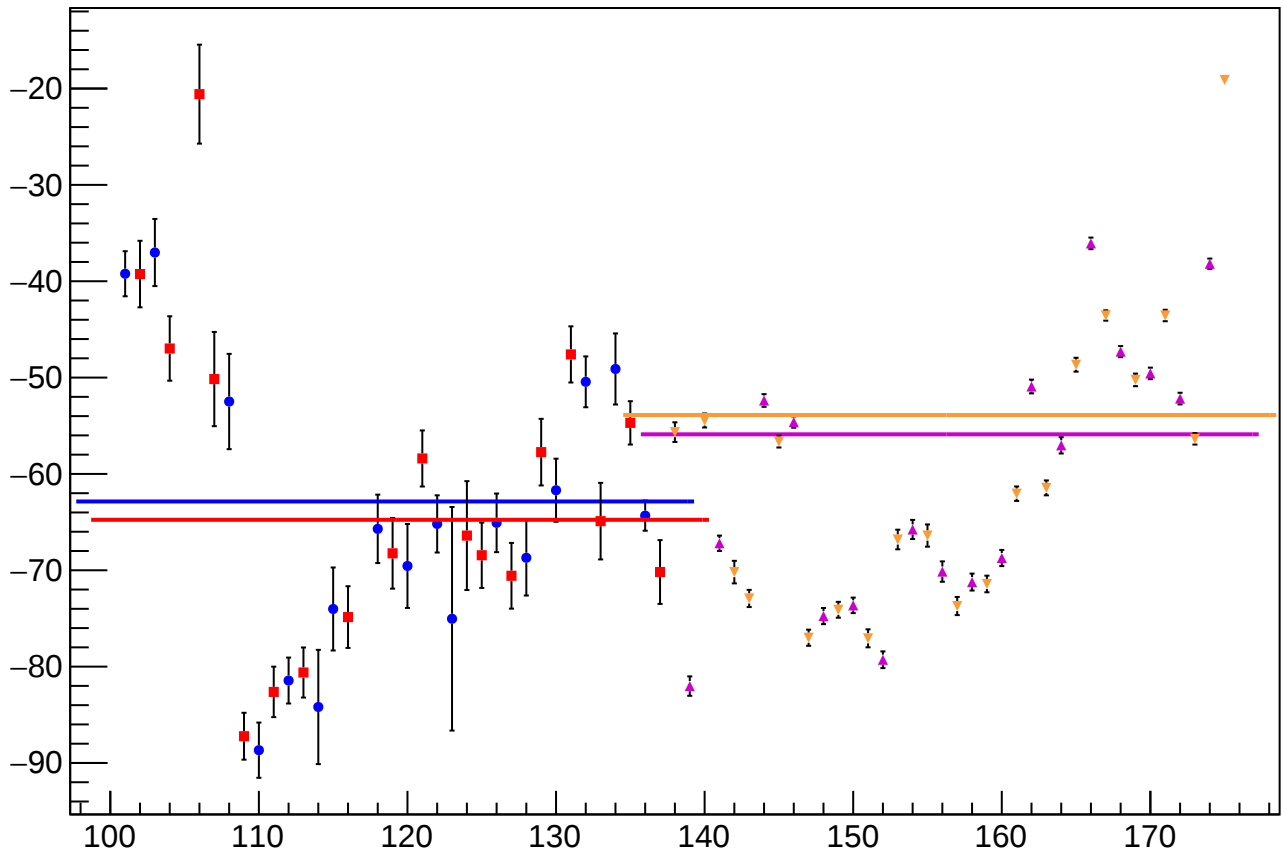
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -0.231 ± 0.120 χ^2/NDF : 1471.5/34

Out: 0.475 ± 0.118 χ^2/NDF : 2952.4/37

All: 0.129 ± 0.084 χ^2/NDF : 4441.4/72

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -53.885 ± 0.165 $\chi^2/\text{NDF}: 10120.9/19$

Right Out: -64.761 ± 0.753 $\chi^2/\text{NDF}: 416.1/17$

Left In: -55.889 ± 0.169 $\chi^2/\text{NDF}: 6039.9/17$

Left: -54.858 ± 0.118 $\chi^2/\text{NDF}: 16232.7/37$

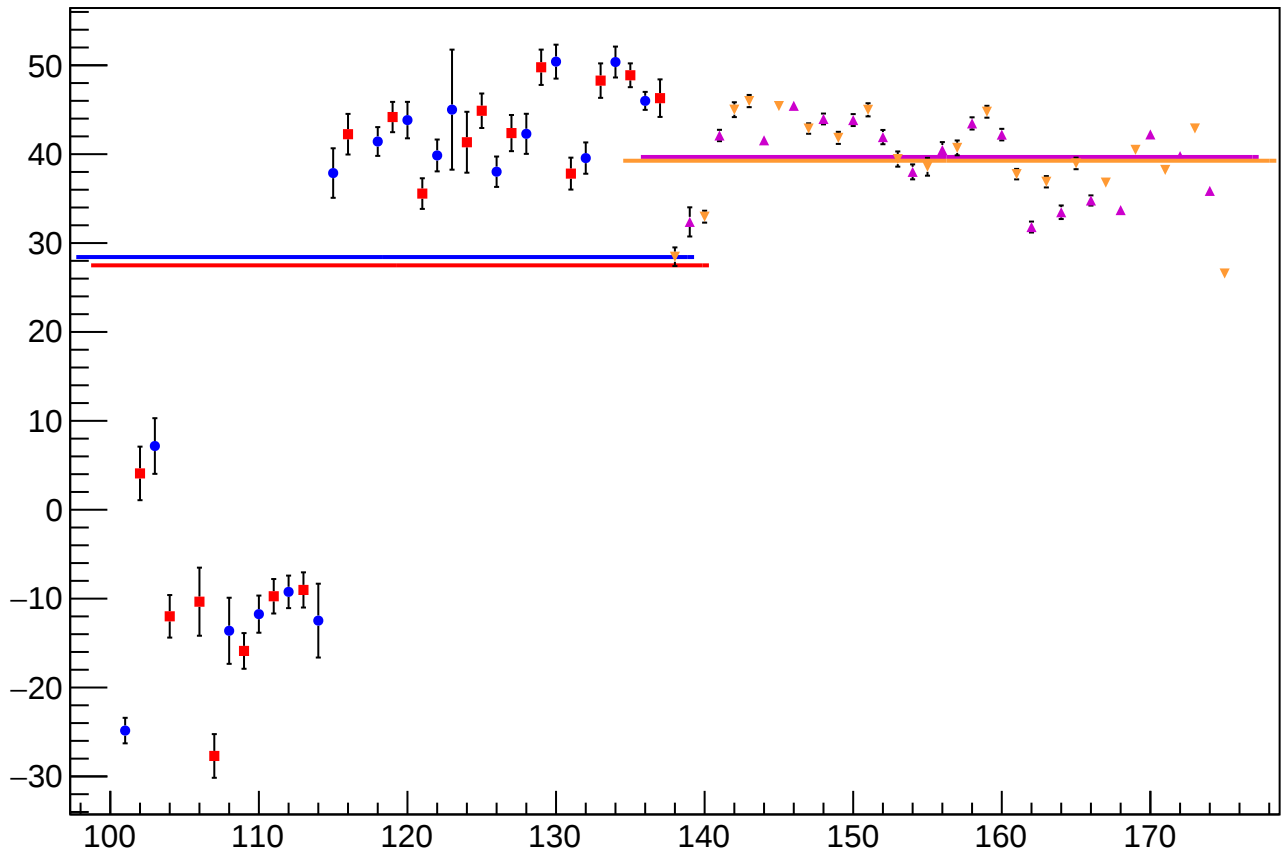
Right: -63.792 ± 0.527 $\chi^2/\text{NDF}: 787.1/34$

In: -56.237 ± 0.165 $\chi^2/\text{NDF}: 6492.1/34$

Out: -54.382 ± 0.161 $\chi^2/\text{NDF}: 10736.1/37$

All: -55.285 ± 0.115 $\chi^2/\text{NDF}: 17293.0/72$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 39.262 $\pm$ 0.140 χ^2 /NDF:1466.0/19

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 39.686 $\pm$ 0.144 χ^2 /NDF:852.9/17

Left: 39.467 $\pm$ 0.100 χ^2 /NDF: 2323.4/37

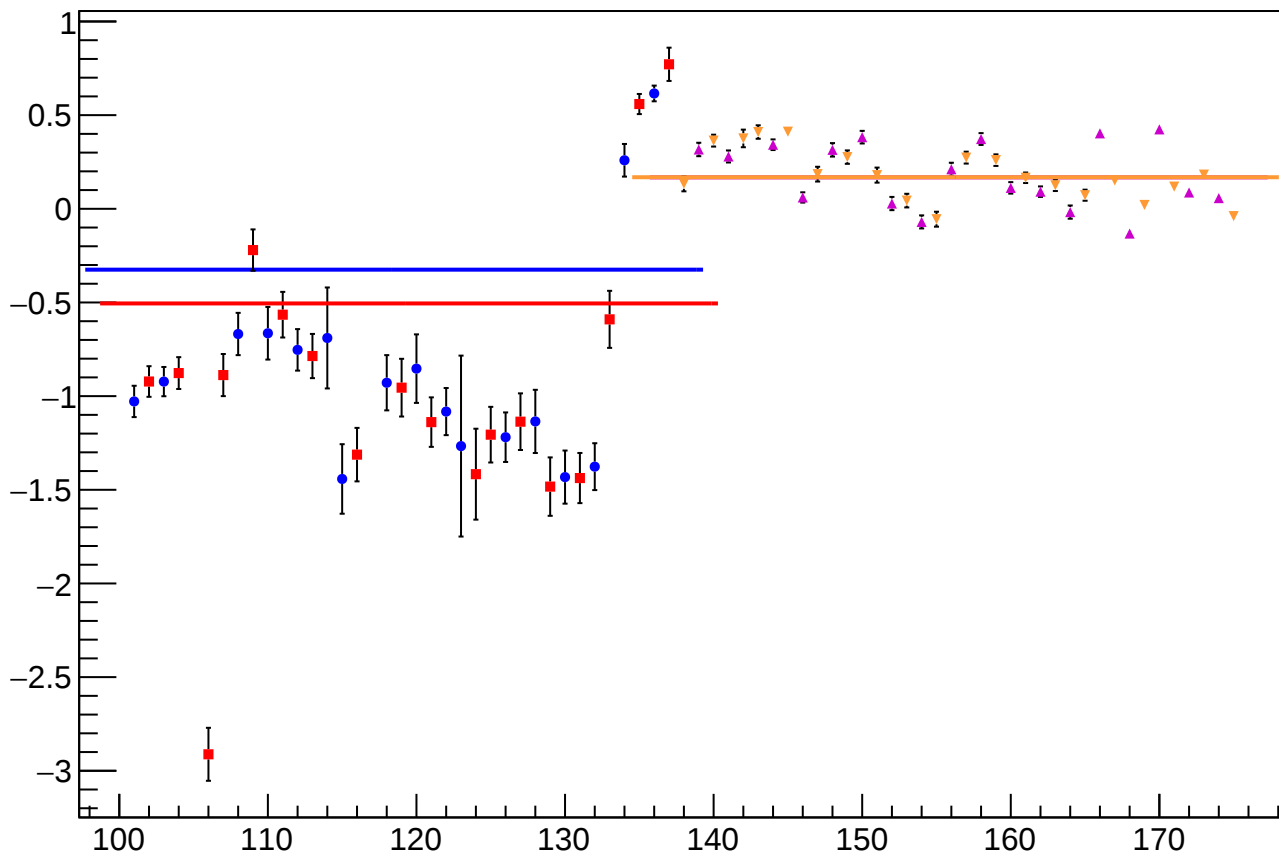
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 38.672 $\pm$ 0.137 χ^2 /NDF:4725.8/34

Out: 38.338 $\pm$ 0.134 χ^2 /NDF:5050.7/37

All: 38.501 $\pm$ 0.096 χ^2 /NDF: 9779.5/72

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: 0.169 ± 0.007 χ^2/NDF : 415.9/19

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.168 ± 0.007 χ^2/NDF : 735.6/17

Left: 0.168 ± 0.005 χ^2/NDF : 1151.5/37

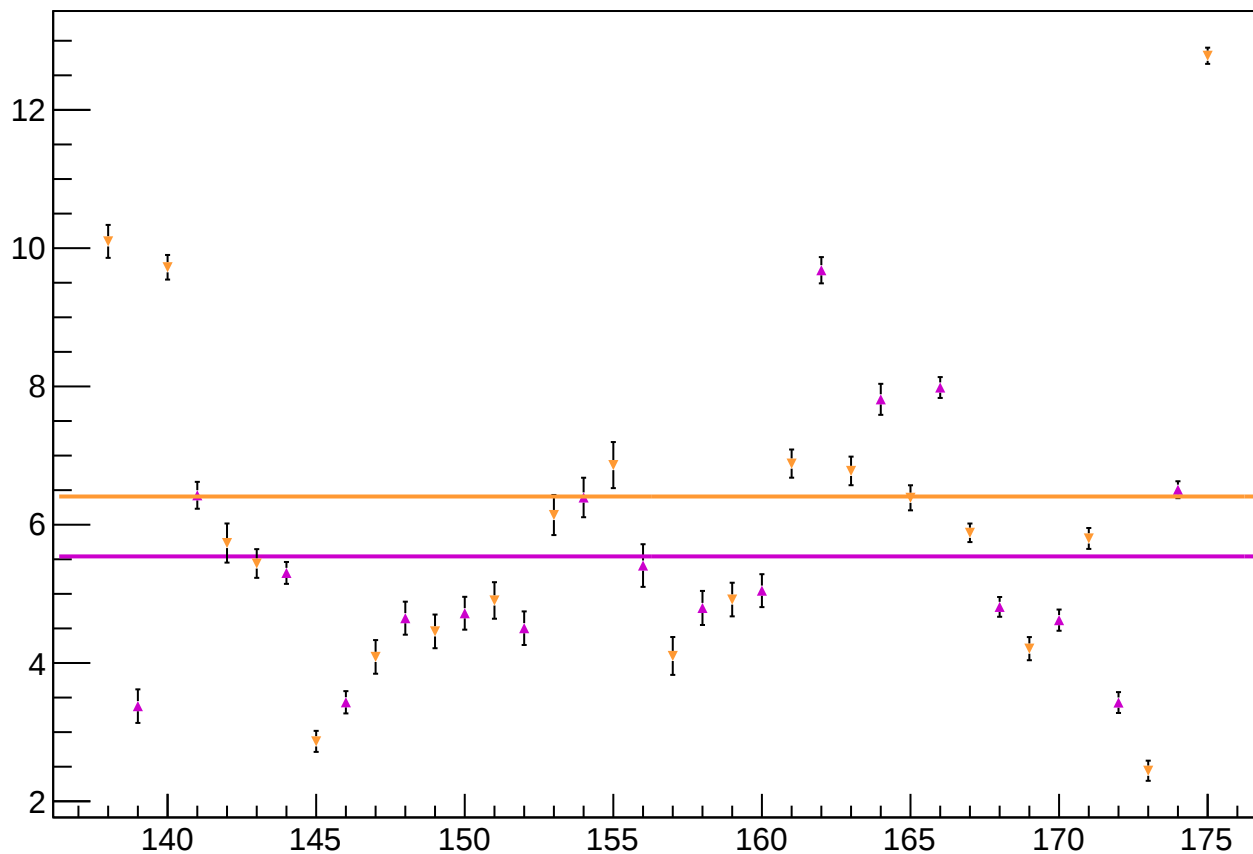
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.135 ± 0.006 χ^2/NDF : 2112.6/34

Out: 0.128 ± 0.006 χ^2/NDF : 2221.9/37

All: 0.132 ± 0.004 χ^2/NDF : 4335.1/72

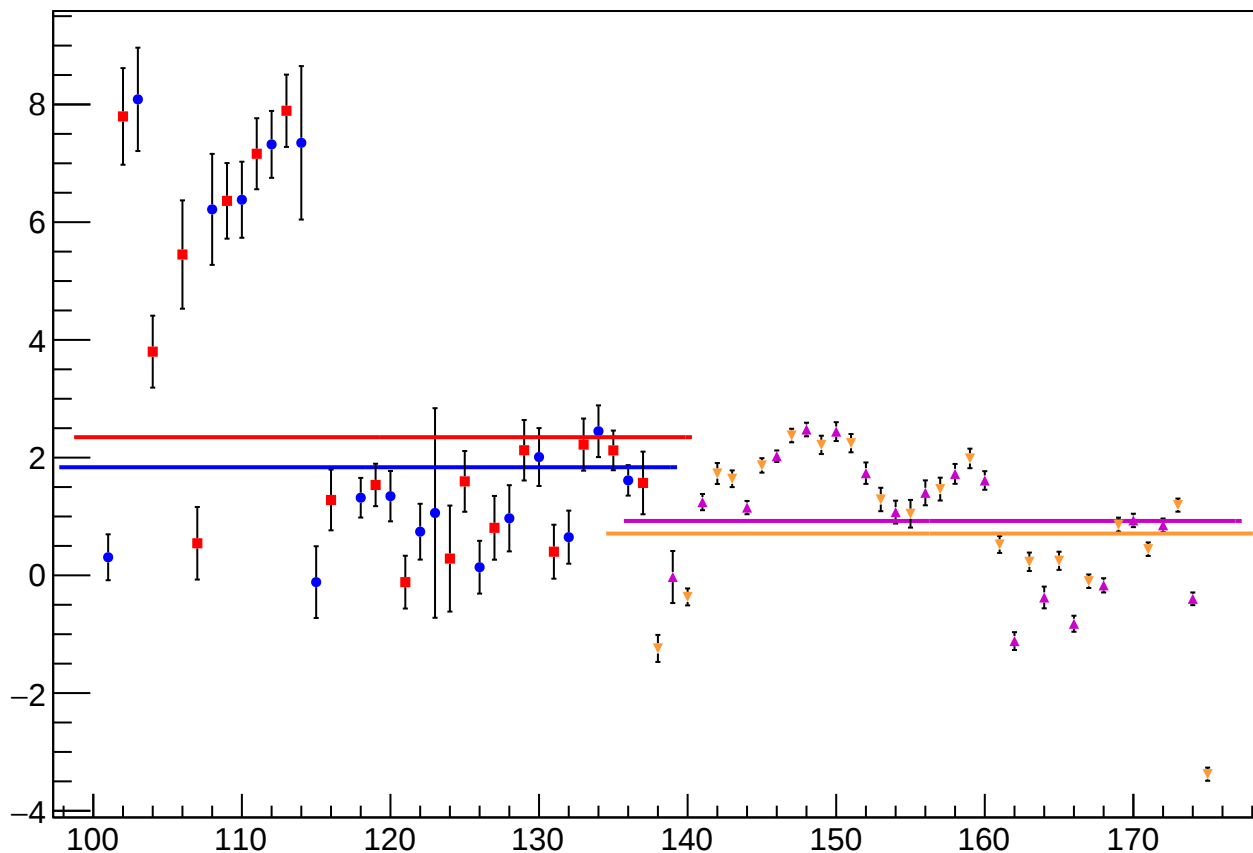
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.408 $\pm$ 0.042 χ^2/NDF :5371.0/19
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 5.542 $\pm$ 0.044 χ^2/NDF :1501.3/17

Left: 5.989 $\pm$ 0.030 χ^2/NDF : 7075.5/37
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 5.542 $\pm$ 0.044 χ^2/NDF :1501.3/17
 Out: 6.408 $\pm$ 0.042 χ^2/NDF :5371.0/19
 All: 5.989 $\pm$ 0.030 χ^2/NDF : 7075.5/37

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: 0.710 ± 0.032 $\chi^2/\text{NDF}: 2198.2/19$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: 0.924 ± 0.033 $\chi^2/\text{NDF}: 1103.9/17$

Left: 0.814 ± 0.023 $\chi^2/\text{NDF}: 3324.2/37$

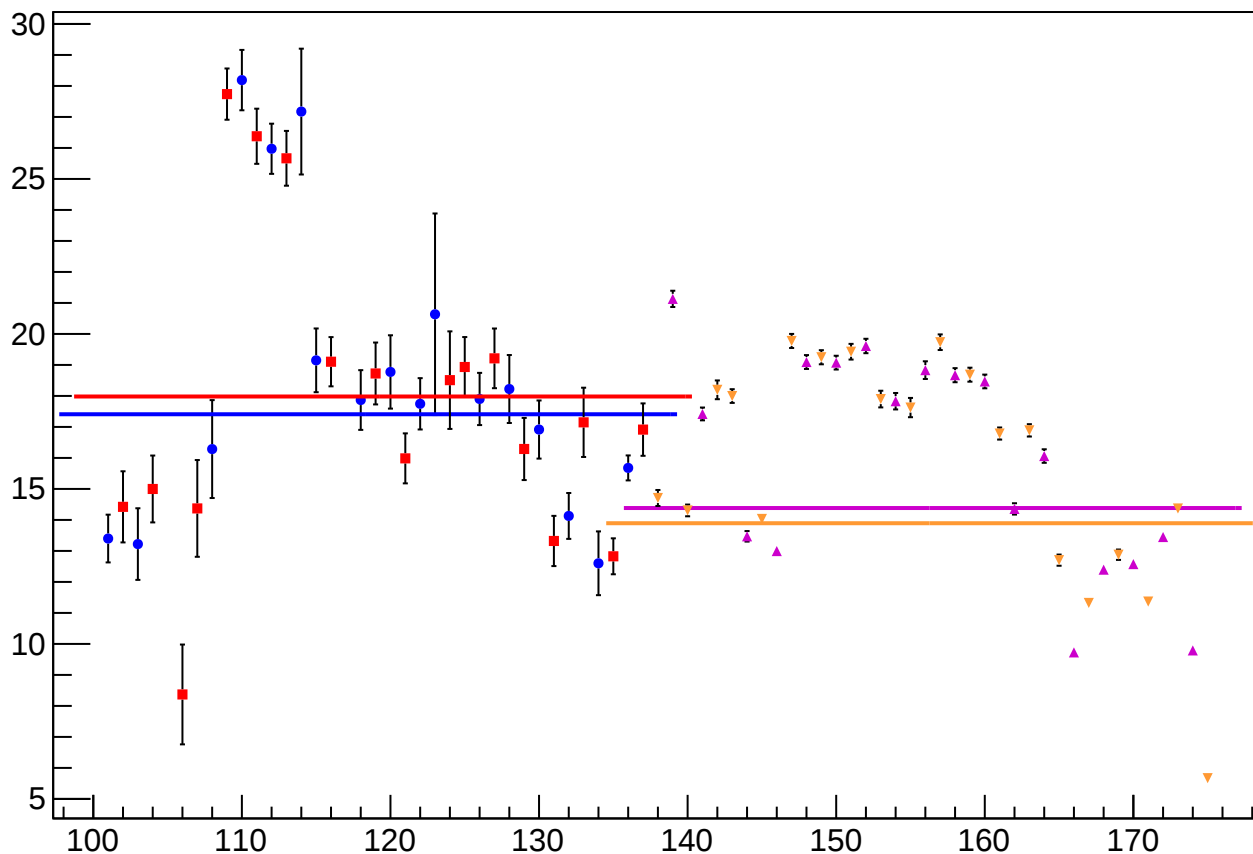
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.991 ± 0.031 $\chi^2/\text{NDF}: 1455.2/34$

Out: 0.813 ± 0.031 $\chi^2/\text{NDF}: 2695.2/37$

All: 0.900 ± 0.022 $\chi^2/\text{NDF}: 4166.7/72$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 13.894 $\pm$ 0.042 χ^2 /NDF:9684.1/19

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 14.384 $\pm$ 0.044 χ^2 /NDF:6025.5/17

Left: 14.131 $\pm$ 0.030 χ^2 /NDF: 15774.2/37

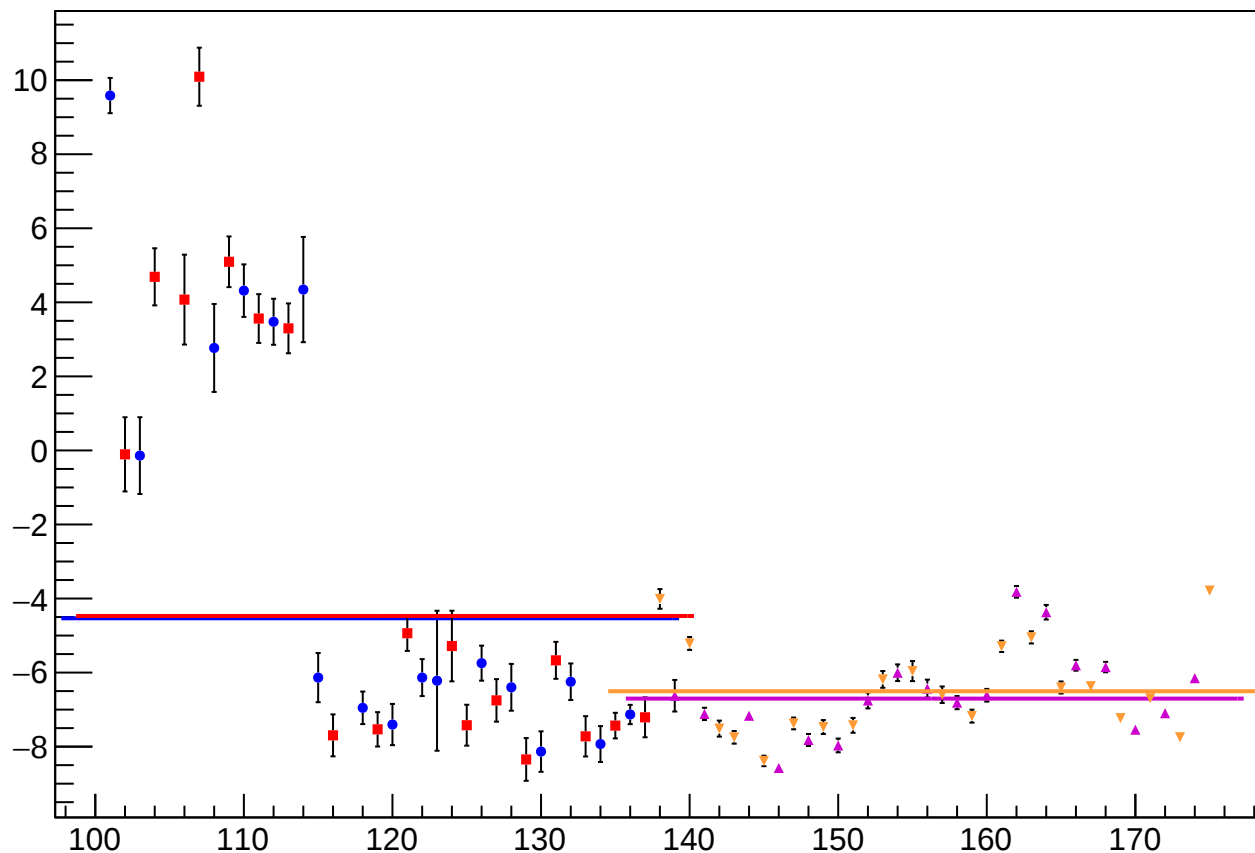
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 14.508 $\pm$ 0.043 χ^2 /NDF:6585.9/34

Out: 14.041 $\pm$ 0.042 χ^2 /NDF:10509.8/37

All: 14.267 $\pm$ 0.030 χ^2 /NDF: 17156.7/72

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: -6.503 ± 0.036 χ^2/NDF : 1304.2/19

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.703 ± 0.037 χ^2/NDF : 978.8/17

Left: -6.600 ± 0.026 χ^2/NDF : 2297.8/37

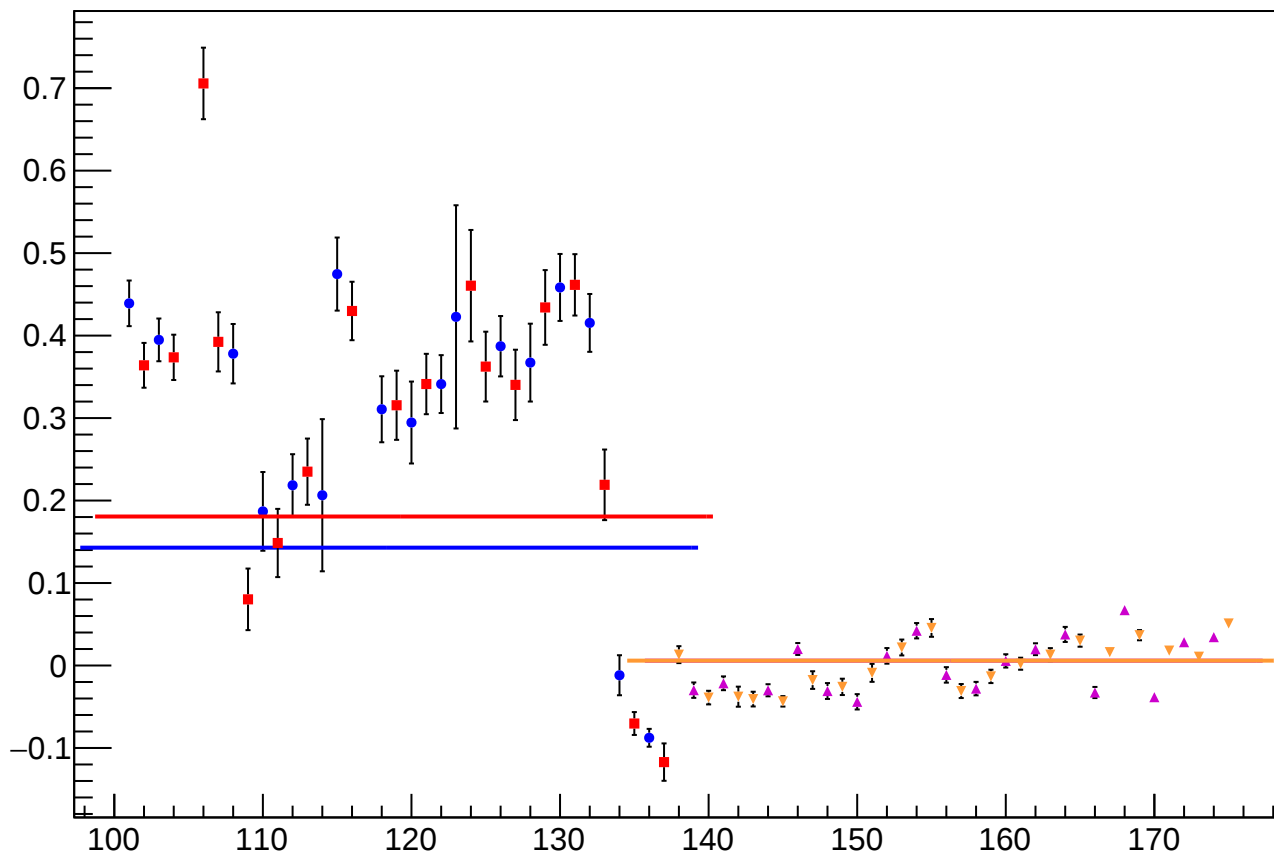
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.537 ± 0.036 χ^2/NDF : 2825.9/34

Out: -6.372 ± 0.035 χ^2/NDF : 2849.5/37

All: -6.452 ± 0.025 χ^2/NDF : 5686.4/72

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: 0.006 $\pm$ 0.002 χ^2 /NDF:298.6/19

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.006 $\pm$ 0.002 χ^2 /NDF:419.1/17

Left: 0.006 $\pm$ 0.001 χ^2 /NDF: 717.7/37

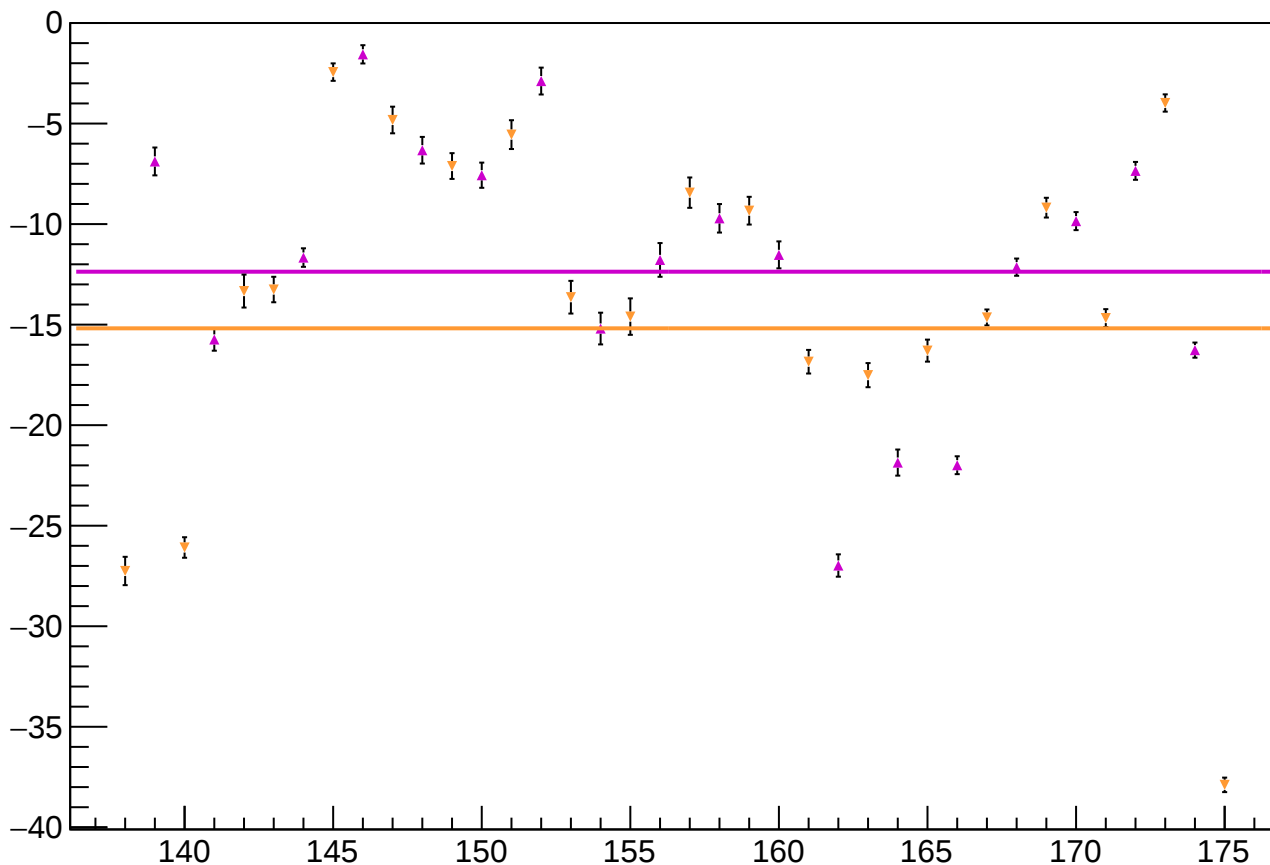
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.013 $\pm$ 0.002 χ^2 /NDF:1834.4/34

Out: 0.014 $\pm$ 0.002 χ^2 /NDF:1832.3/37

All: 0.014 $\pm$ 0.001 χ^2 /NDF: 3666.9/72

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -15.184 ± 0.123 $\chi^2/\text{NDF}: 7190.3/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -12.368 ± 0.127 $\chi^2/\text{NDF}: 2678.9/17$

Left: -13.817 ± 0.088 $\chi^2/\text{NDF}: 10123.6/37$

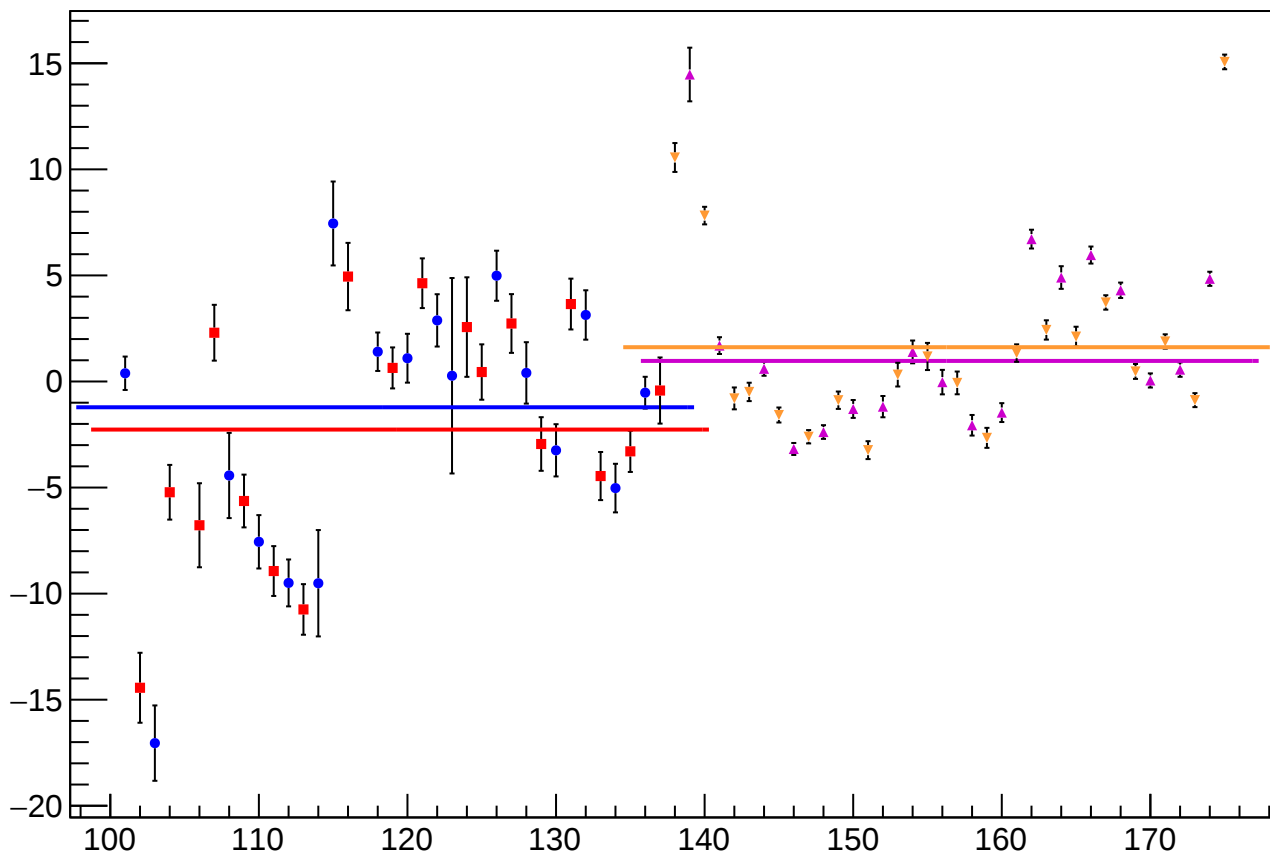
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -12.368 ± 0.127 $\chi^2/\text{NDF}: 2678.9/17$

Out: -15.184 ± 0.123 $\chi^2/\text{NDF}: 7190.3/19$

All: -13.817 ± 0.088 $\chi^2/\text{NDF}: 10123.6/37$

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 1.616 ± 0.092 χ^2/NDF : 2596.8/19

Right Out: -2.267 ± 0.302 χ^2/NDF : 283.9/17

Left In: 0.969 ± 0.094 χ^2/NDF : 1167.0/17

Left: 1.301 ± 0.066 χ^2/NDF : 3788.0/37

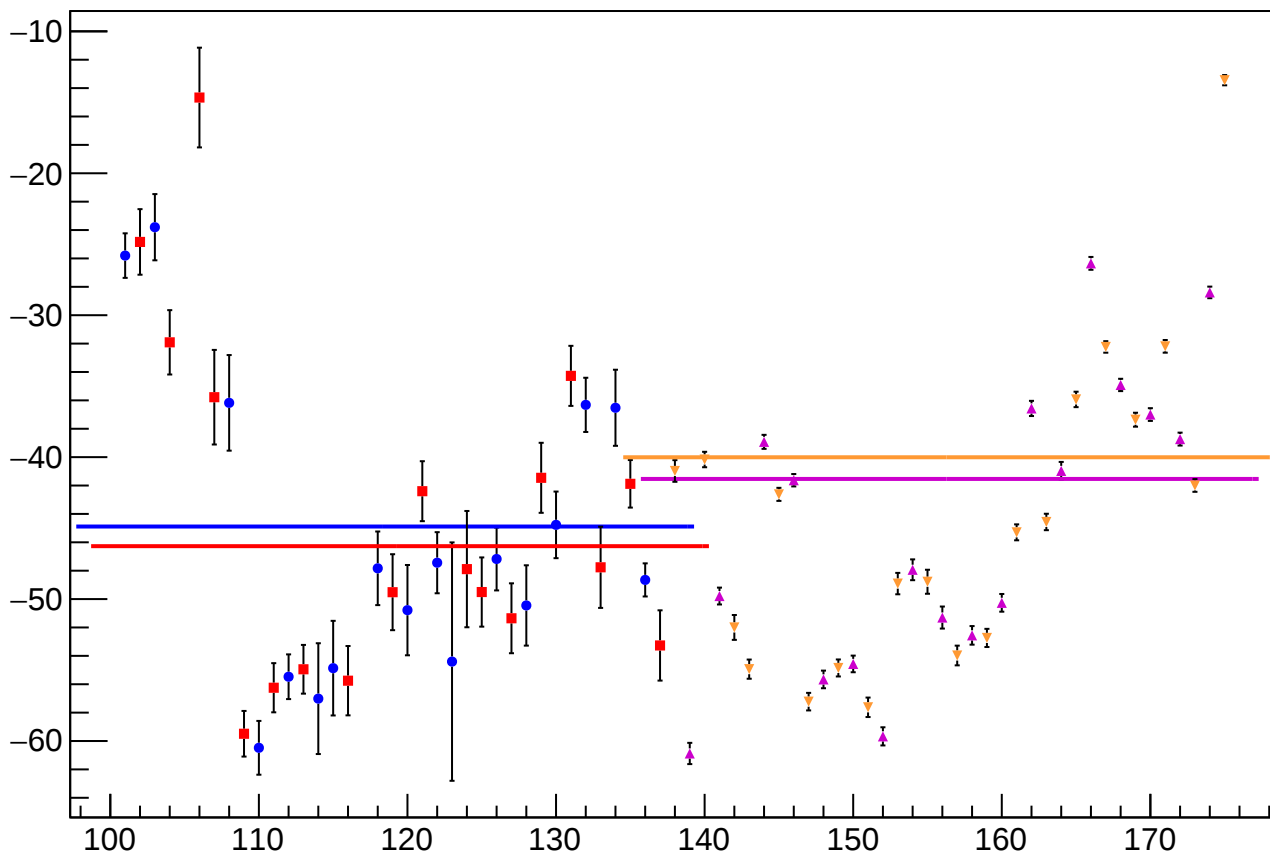
Right: -1.720 ± 0.209 χ^2/NDF : 568.9/34

In: 0.762 ± 0.090 χ^2/NDF : 1497.0/34

Out: 1.289 ± 0.088 χ^2/NDF : 3031.7/37

All: 1.030 ± 0.063 χ^2/NDF : 4546.3/72

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: -40.009 ± 0.123 χ^2/NDF : 10143.3/19
 Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17
 Left In: -41.536 ± 0.127 χ^2/NDF : 6038.6/17

Left: -40.751 ± 0.088 χ^2/NDF : 16256.5/37

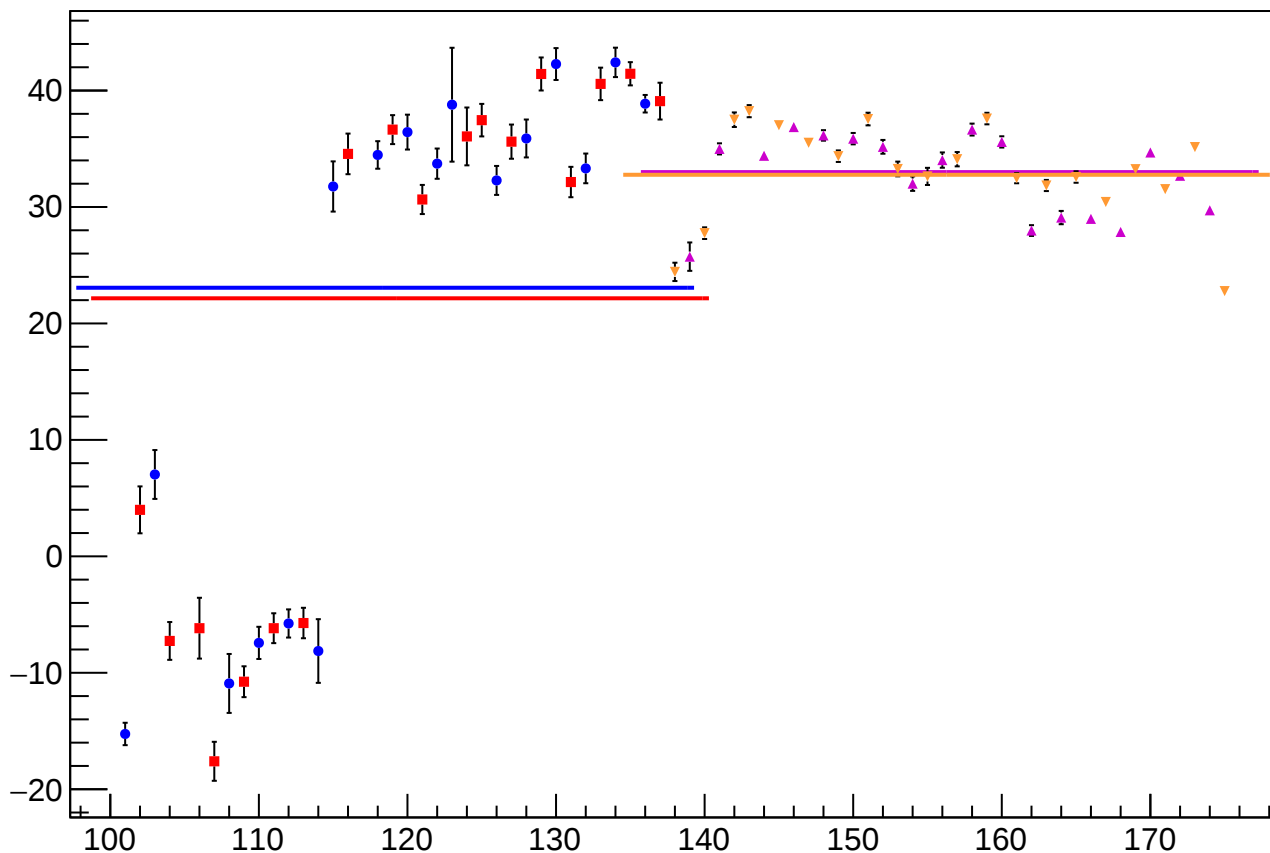
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -41.721 ± 0.123 χ^2/NDF : 6497.8/34

Out: -40.331 ± 0.120 χ^2/NDF : 10696.6/37

All: -41.008 ± 0.086 χ^2/NDF : 17259.8/72

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 32.767 $\pm$ 0.104 χ^2 /NDF:1573.6/19

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 32.996 $\pm$ 0.108 χ^2 /NDF:875.7/17

Left: 32.878 $\pm$ 0.075 χ^2 /NDF: 2451.6/37

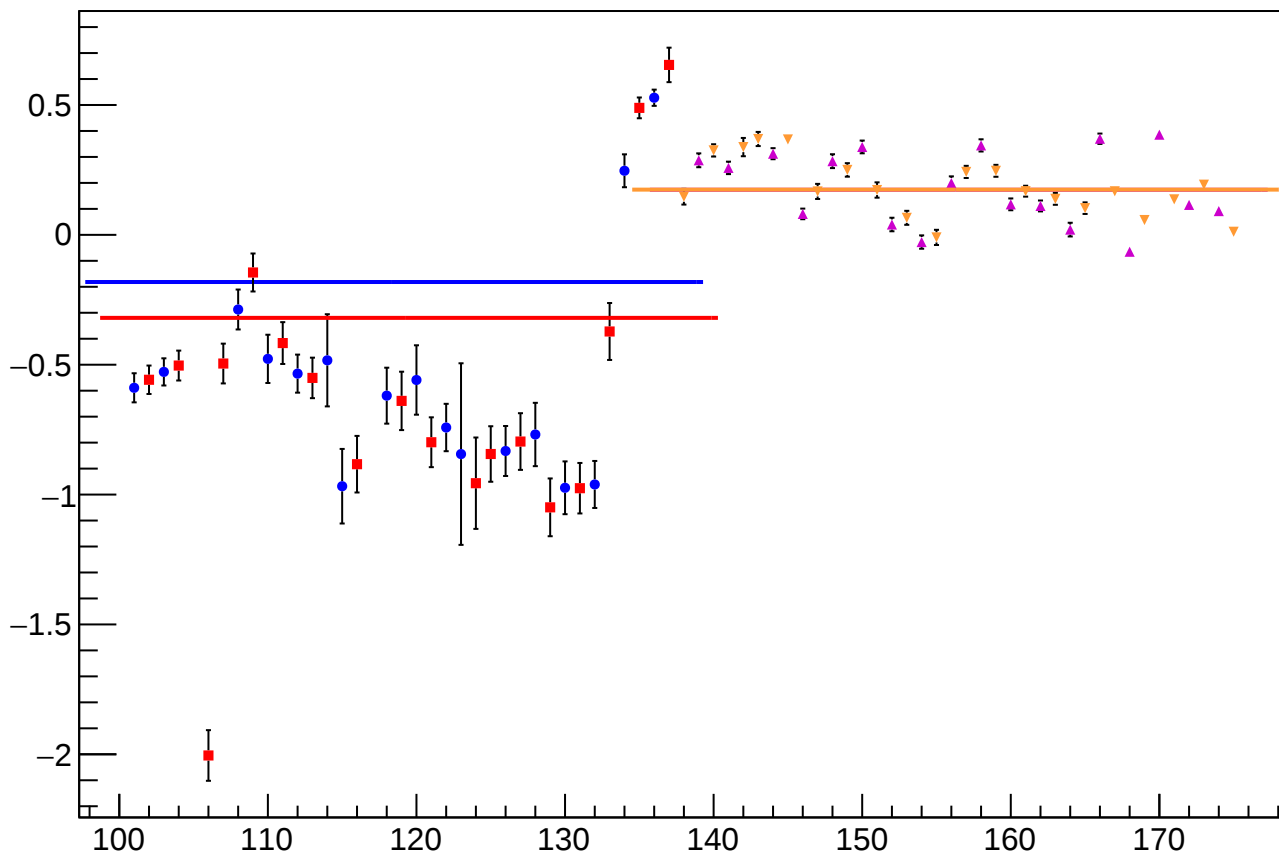
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.022 $\pm$ 0.102 χ^2 /NDF:6043.2/34

Out: 31.852 $\pm$ 0.100 χ^2 /NDF:6488.5/37

All: 31.935 $\pm$ 0.071 χ^2 /NDF: 12533.0/72

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: 0.174 ± 0.005 χ^2/NDF : 461.0/19

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.174 ± 0.005 χ^2/NDF : 865.3/17

Left: 0.174 ± 0.003 χ^2/NDF : 1326.3/37

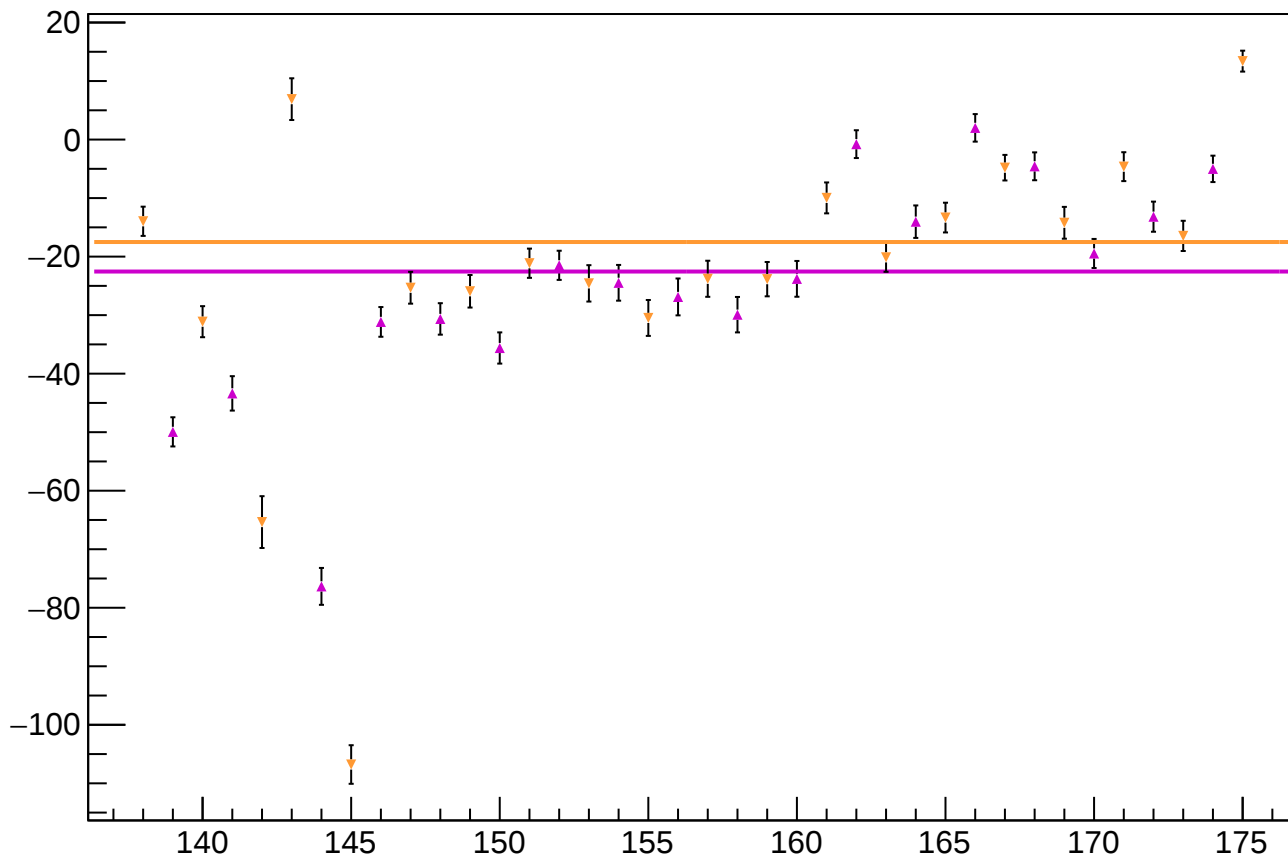
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.148 ± 0.005 χ^2/NDF : 2234.0/34

Out: 0.141 ± 0.005 χ^2/NDF : 2324.6/37

All: 0.145 ± 0.003 χ^2/NDF : 4559.6/72

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -17.506 ± 0.596 χ^2/NDF : 1350.4/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -22.550 ± 0.624 χ^2/NDF : 849.8/17

Left: -19.914 ± 0.431 χ^2/NDF : 2234.4/37

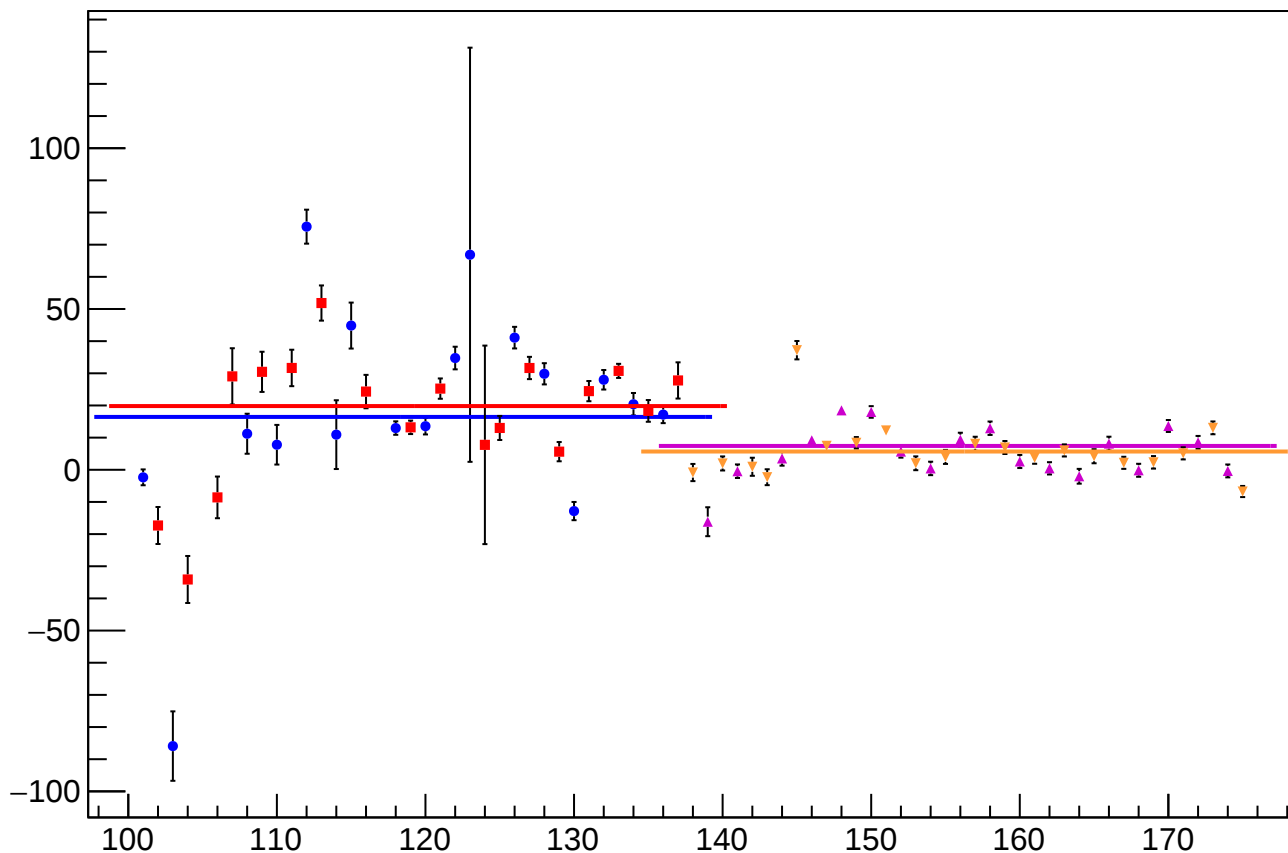
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -22.550 ± 0.624 χ^2/NDF : 849.8/17

Out: -17.506 ± 0.596 χ^2/NDF : 1350.4/19

All: -19.914 ± 0.431 χ^2/NDF : 2234.4/37

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 5.681 ± 0.437 $\chi^2/\text{NDF}: 247.8/19$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 7.417 ± 0.460 $\chi^2/\text{NDF}: 247.9/17$

Left: 6.504 ± 0.317 $\chi^2/\text{NDF}: 503.2/37$

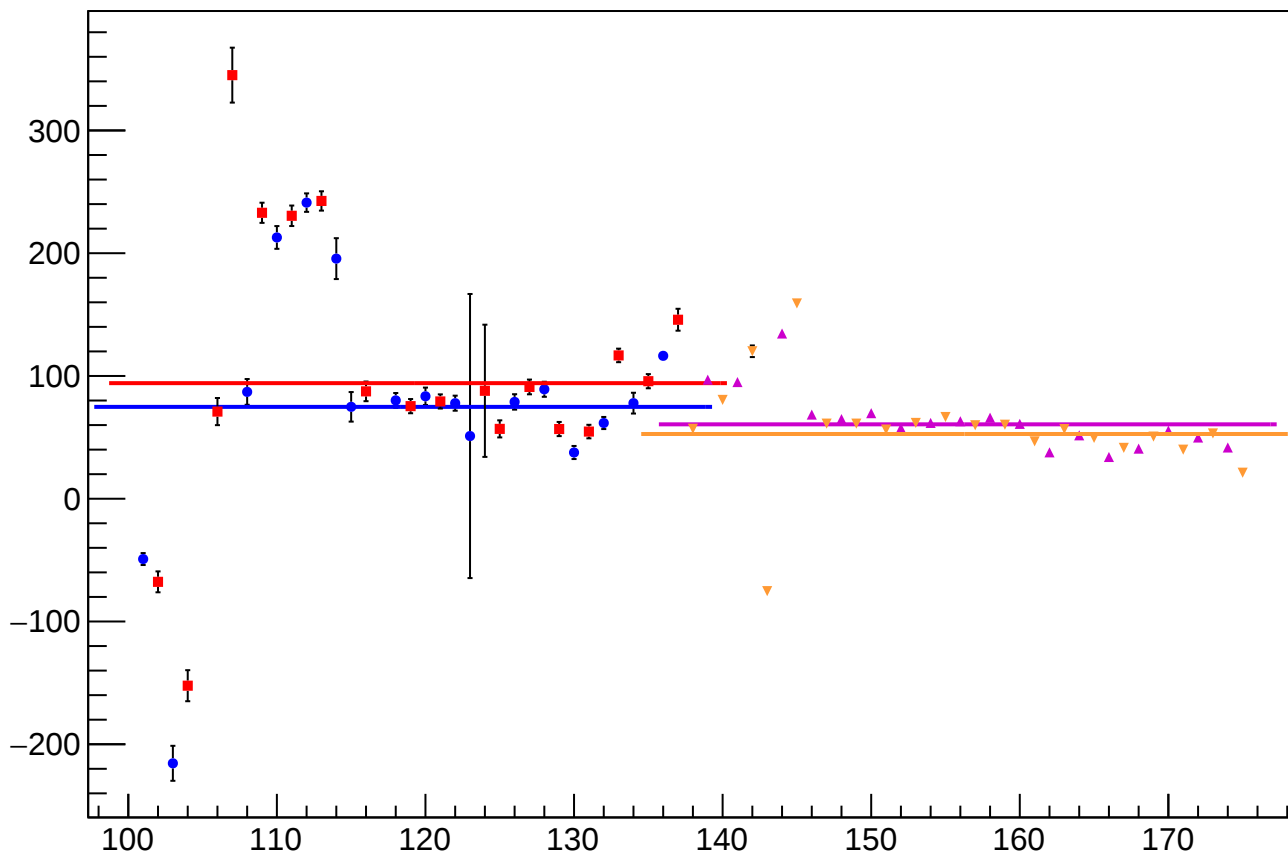
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 9.465 ± 0.404 $\chi^2/\text{NDF}: 852.3/34$

Out: 8.378 ± 0.393 $\chi^2/\text{NDF}: 686.2/37$

All: 8.906 ± 0.282 $\chi^2/\text{NDF}: 1542.2/72$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 52.734 $\pm$ 0.589 χ^2 /NDF: 2845.5/19

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 60.605 $\pm$ 0.616 χ^2 /NDF: 1199.4/17

Left: 56.493 $\pm$ 0.426 χ^2 /NDF: 4130.1/37

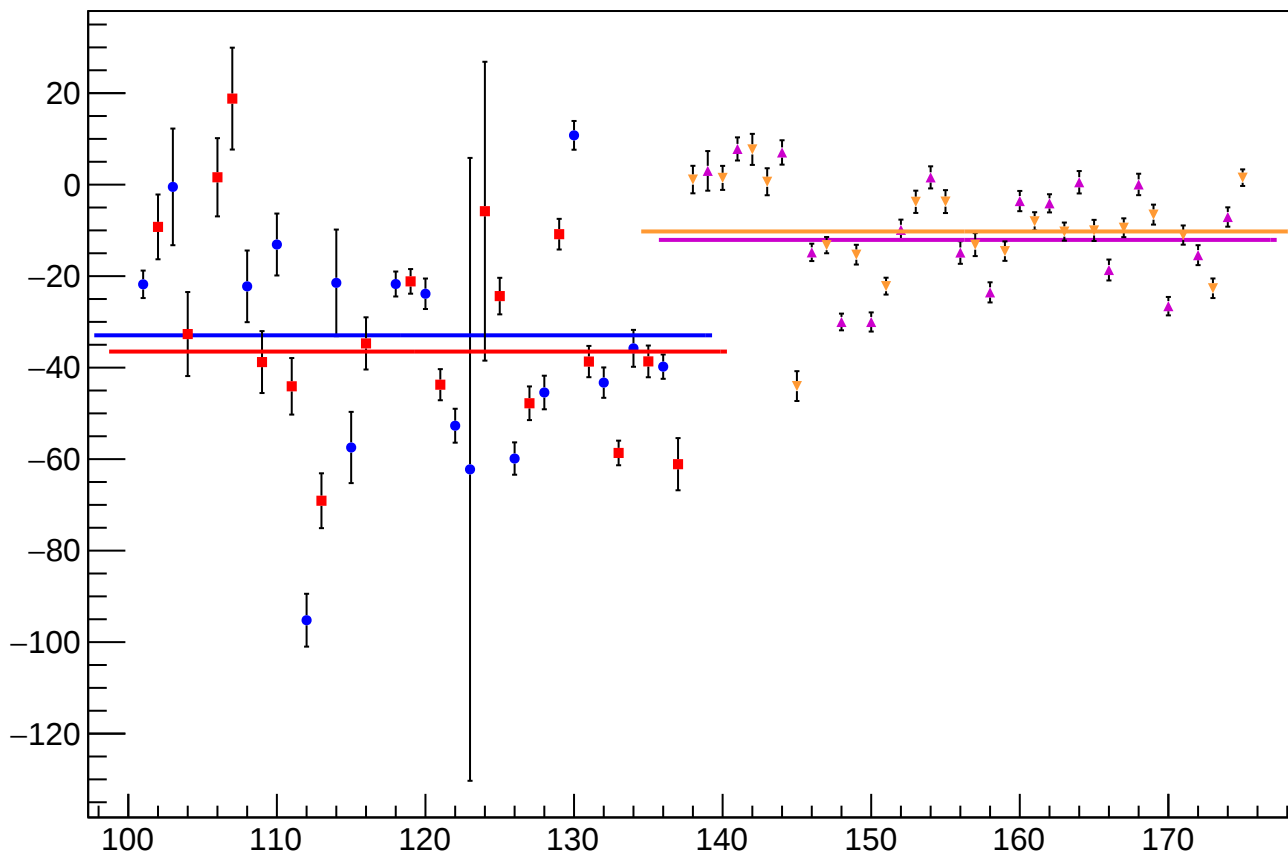
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 62.368 $\pm$ 0.577 χ^2 /NDF: 3262.2/34

Out: 57.086 $\pm$ 0.558 χ^2 /NDF: 5333.7/37

All: 59.637 $\pm$ 0.401 χ^2 /NDF: 8639.2/72

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.233 ± 0.501 χ^2/NDF : 332.9/19

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -12.079 ± 0.529 χ^2/NDF : 510.9/17

Left: -11.107 ± 0.364 χ^2/NDF : 850.2/37

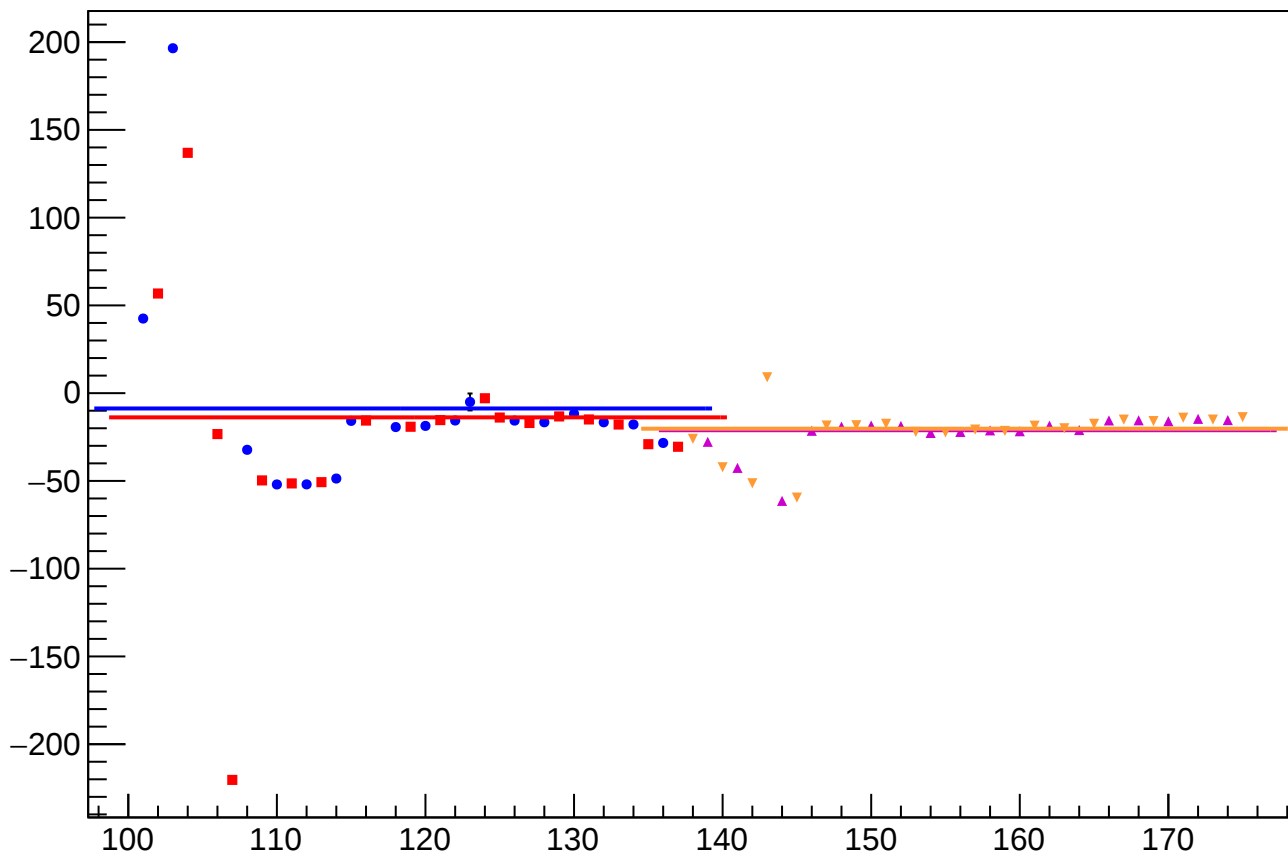
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -16.831 ± 0.465 χ^2/NDF : 1356.2/34

Out: -15.288 ± 0.451 χ^2/NDF : 1154.2/37

All: -16.036 ± 0.323 χ^2/NDF : 2516.0/72

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -20.246 ± 0.023 $\chi^2/\text{NDF}: 204903.4/19$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -21.114 ± 0.024 $\chi^2/\text{NDF}: 129733.7/17$

Left: -20.670 ± 0.017 $\chi^2/\text{NDF}: 335315.0/37$

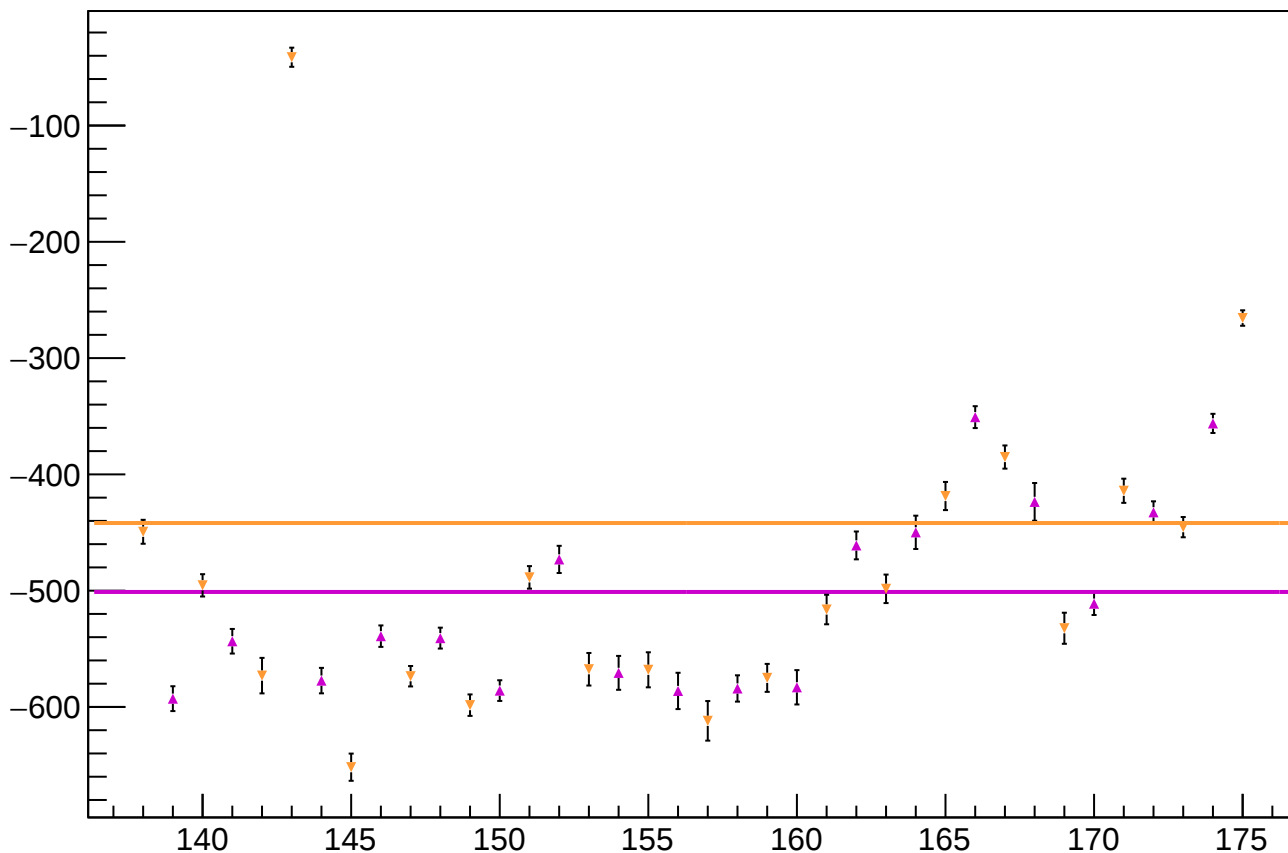
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -19.365 ± 0.022 $\chi^2/\text{NDF}: 743623.8/34$

Out: -19.448 ± 0.022 $\chi^2/\text{NDF}: 763748.7/37$

All: -19.407 ± 0.016 $\chi^2/\text{NDF}: 1507379.7/72$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -441.822 ± 2.342 $\chi^2/\text{NDF}: 4556.0/19$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -501.111 ± 2.541 $\chi^2/\text{NDF}: 1074.9/17$

Left: -469.054 ± 1.722 $\chi^2/\text{NDF}: 5925.2/37$

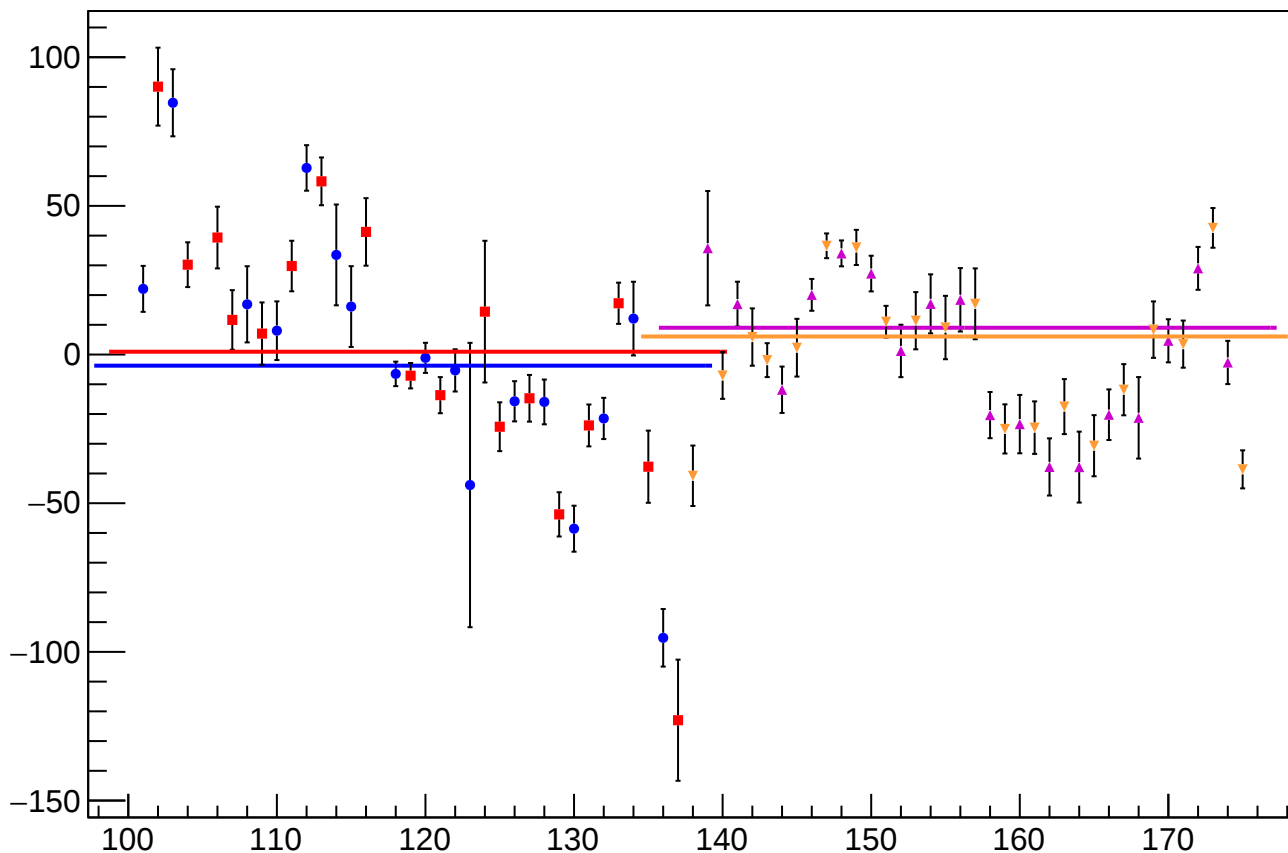
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -501.111 ± 2.541 $\chi^2/\text{NDF}: 1074.9/17$

Out: -441.822 ± 2.342 $\chi^2/\text{NDF}: 4556.0/19$

All: -469.054 ± 1.722 $\chi^2/\text{NDF}: 5925.2/37$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 7.417 ± 1.224 χ^2/NDF : 388.2/37

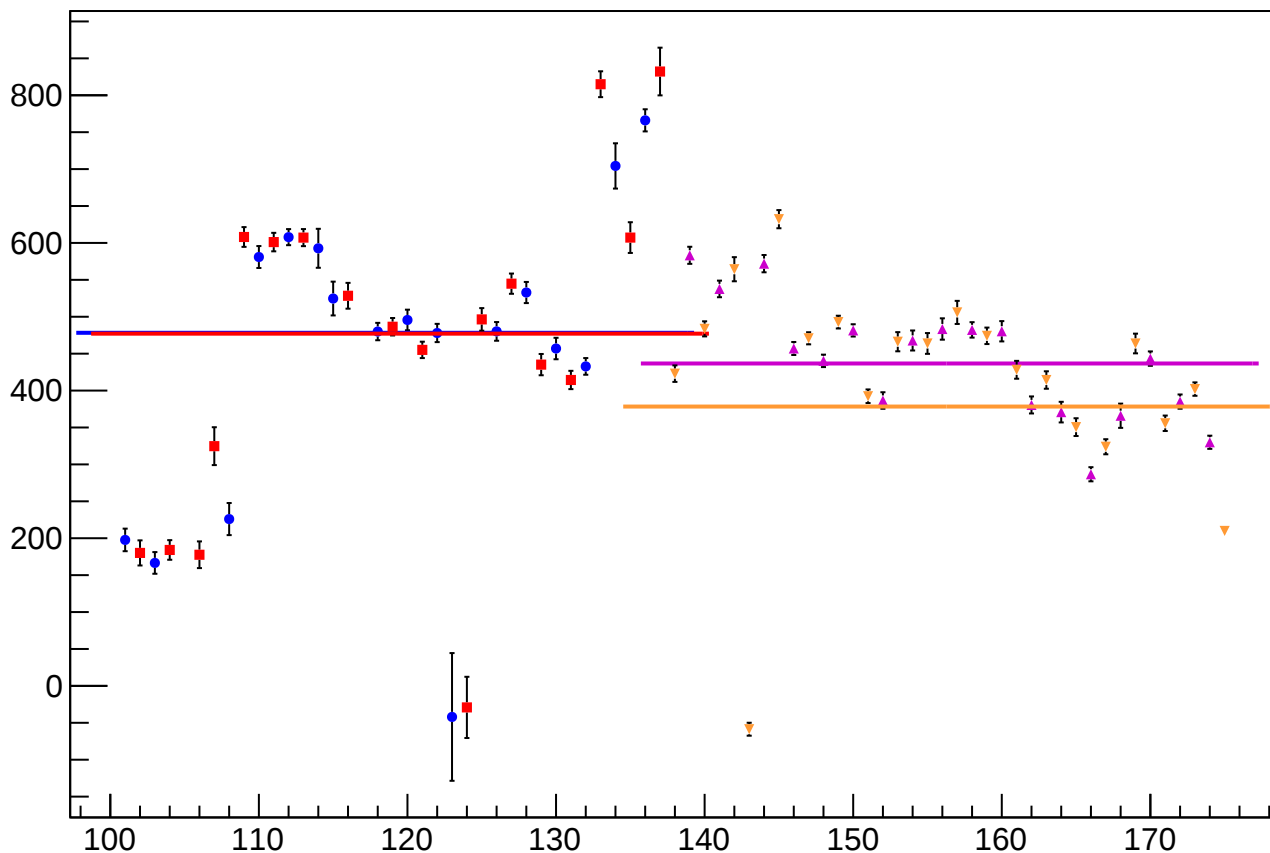
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 2.915 ± 1.308 χ^2/NDF : 488.4/34

Out: 3.874 ± 1.256 χ^2/NDF : 534.0/37

All: 3.414 ± 0.906 χ^2/NDF : 1022.7/72

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 378.364+/-2.330 χ^2/NDF : 4442.4/19

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 436.693+/-2.517 χ^2/NDF : 955.5/17

Left: 405.286+/-1.710 χ^2/NDF : 5687.0/37

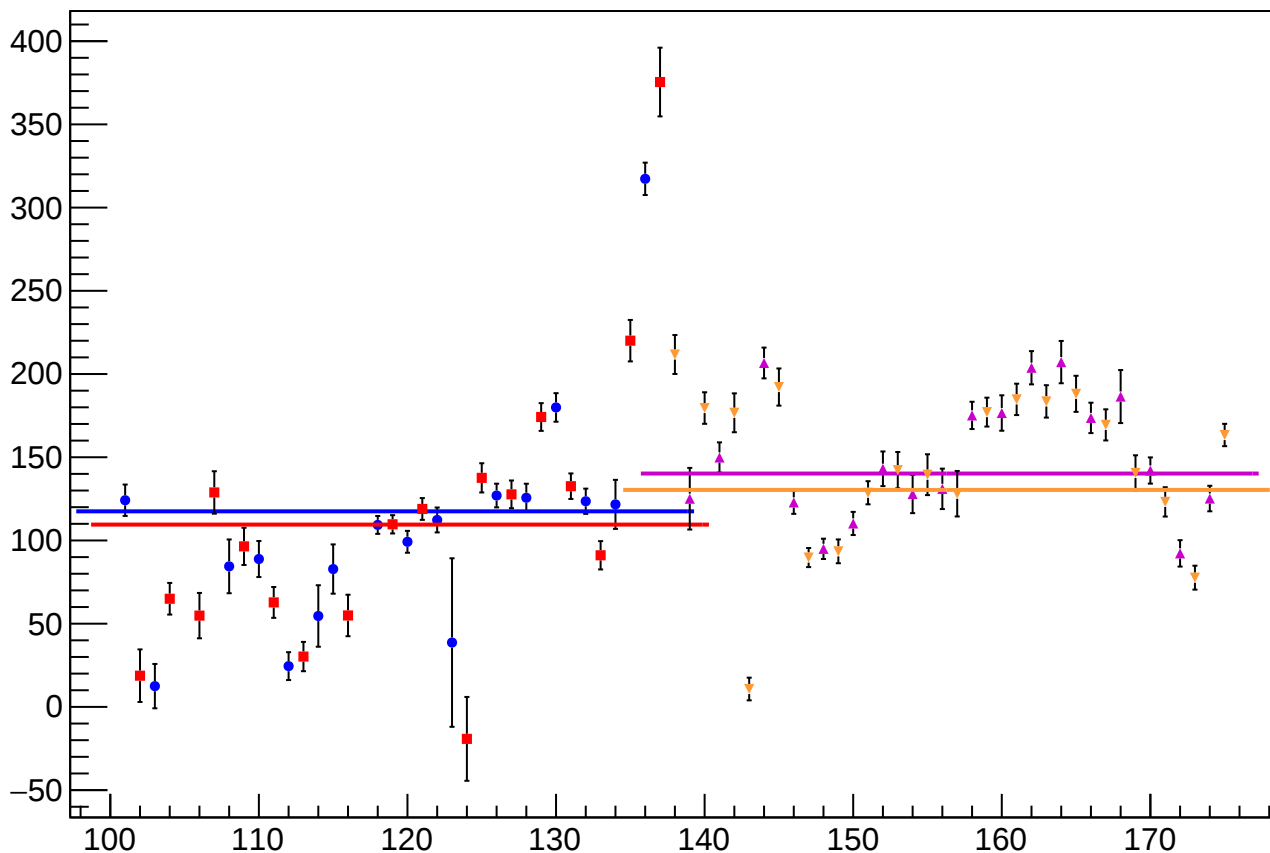
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 450.151+/-2.070 χ^2/NDF : 2671.8/34

Out: 408.201+/-1.947 χ^2/NDF : 7160.6/37

All: 427.891+/-1.418 χ^2/NDF : 10050.3/72

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: 130.377 $\pm$ 1.944 χ^2 /NDF: 725.9/19

Right Out: 109.536 $\pm$ 2.208 χ^2 /NDF: 562.2/17

Left In: 140.210 $\pm$ 2.113 χ^2 /NDF: 295.7/17

Left: 134.884 $\pm$ 1.430 χ^2 /NDF: 1033.3/37

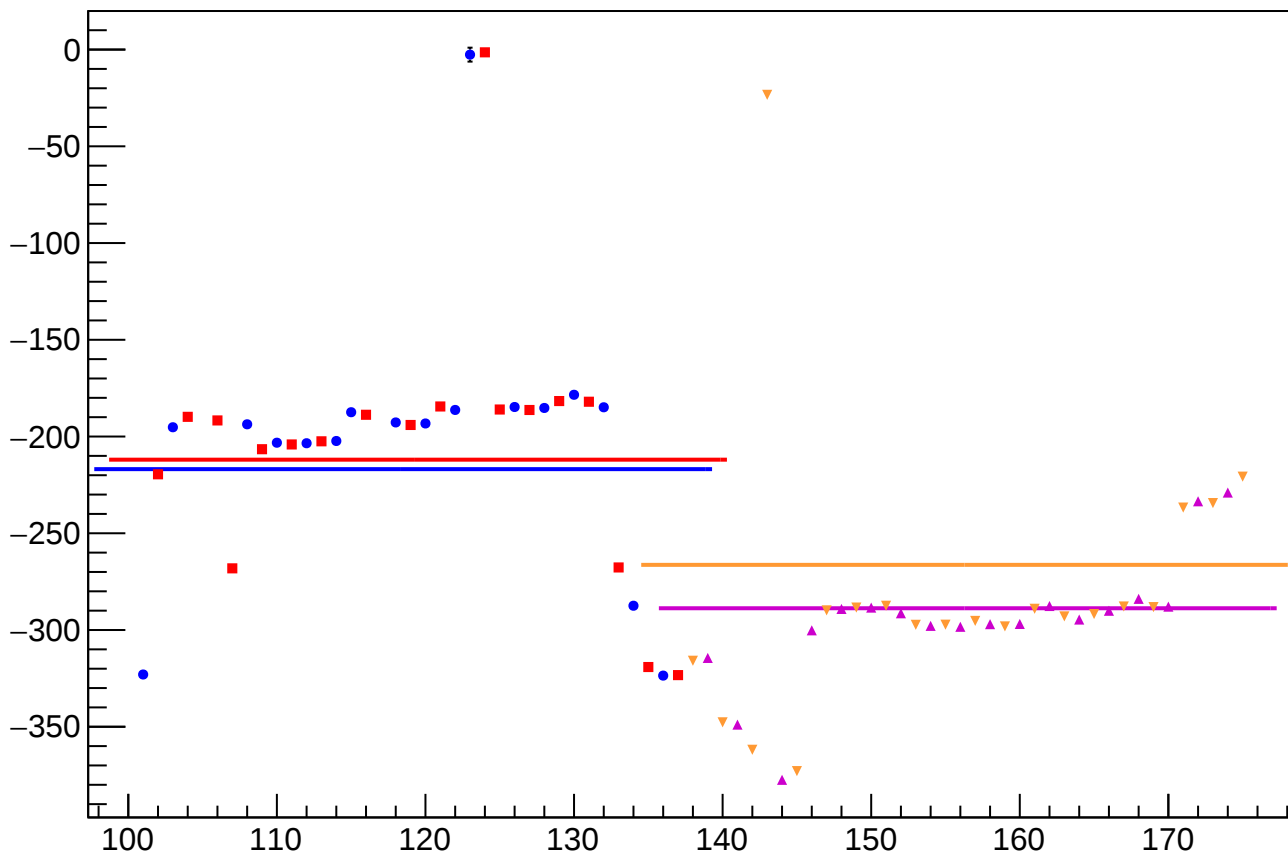
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 129.304 $\pm$ 1.523 χ^2 /NDF: 1057.1/34

Out: 121.280 $\pm$ 1.459 χ^2 /NDF: 1338.3/37

All: 125.120 $\pm$ 1.054 χ^2 /NDF: 2409.9/72

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -266.325 ± 0.094 $\chi^2/\text{NDF}: 667056.5/19$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -288.755 ± 0.099 $\chi^2/\text{NDF}: 113586.1/17$

Left: -277.013 ± 0.068 $\chi^2/\text{NDF}: 807699.1/37$

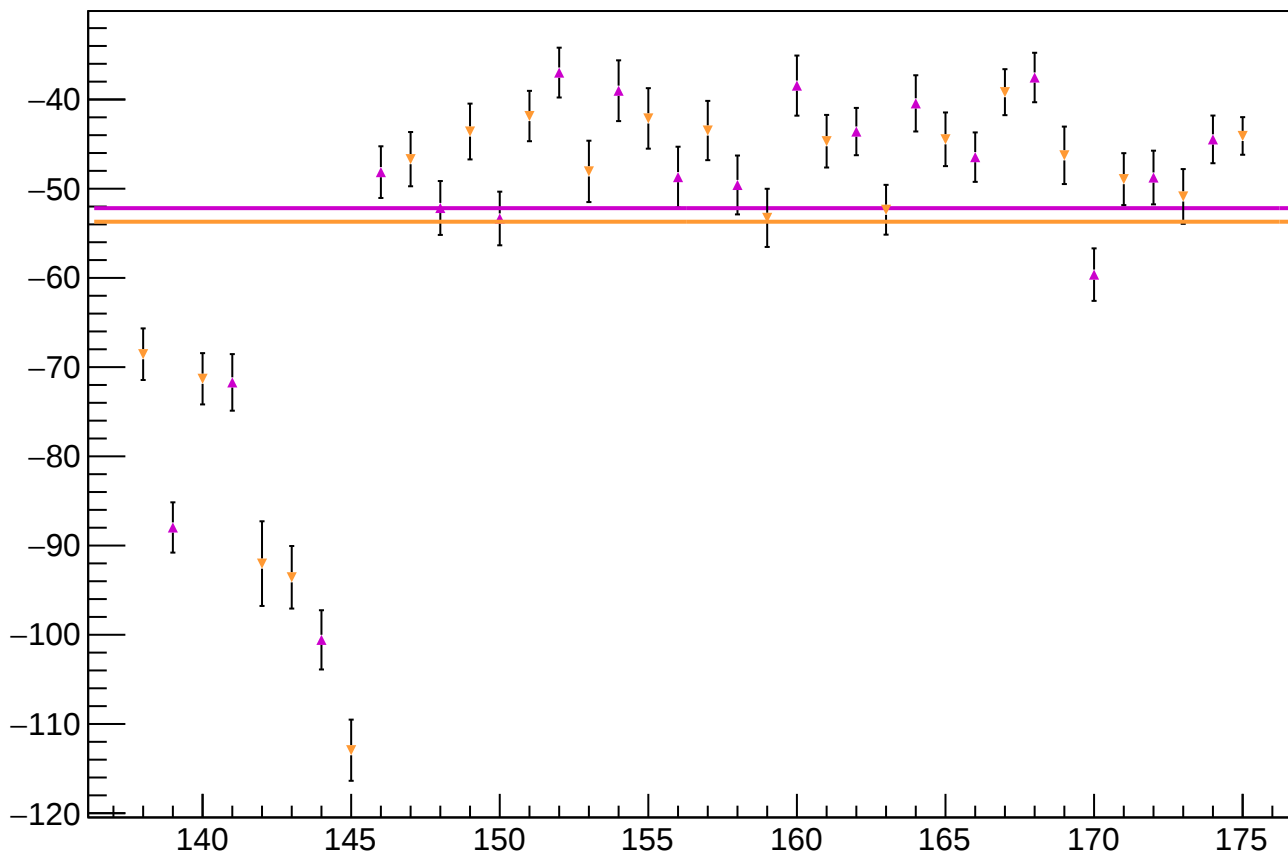
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -263.928 ± 0.080 $\chi^2/\text{NDF}: 443885.1/34$

Out: -247.749 ± 0.076 $\chi^2/\text{NDF}: 893116.4/37$

All: -255.481 ± 0.055 $\chi^2/\text{NDF}: 1358446.3/72$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



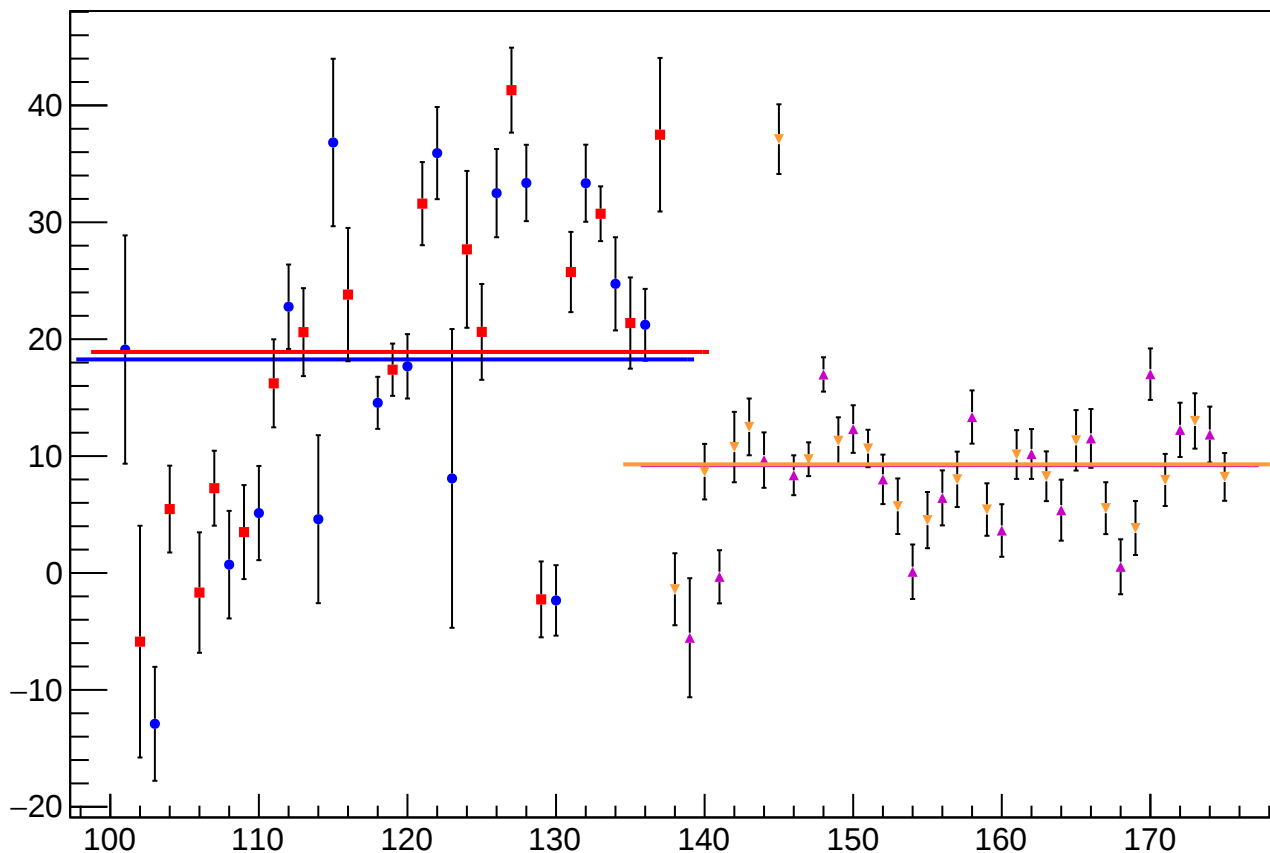
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -53.700+/-0.675 χ^2/NDF : 694.6/19
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.181+/-0.706 χ^2/NDF : 549.2/17

Left: -52.975+/-0.488 χ^2/NDF : 1246.2/37
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.181+/-0.706 χ^2/NDF : 549.2/17
 Out: -53.700+/-0.675 χ^2/NDF : 694.6/19

All: -52.975+/-0.488 χ^2/NDF : 1246.2/37

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.296 ± 0.492 χ^2/NDF : 124.9/19

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.223 ± 0.519 χ^2/NDF : 115.2/17

Left: 9.261 ± 0.357 χ^2/NDF : 240.2/37

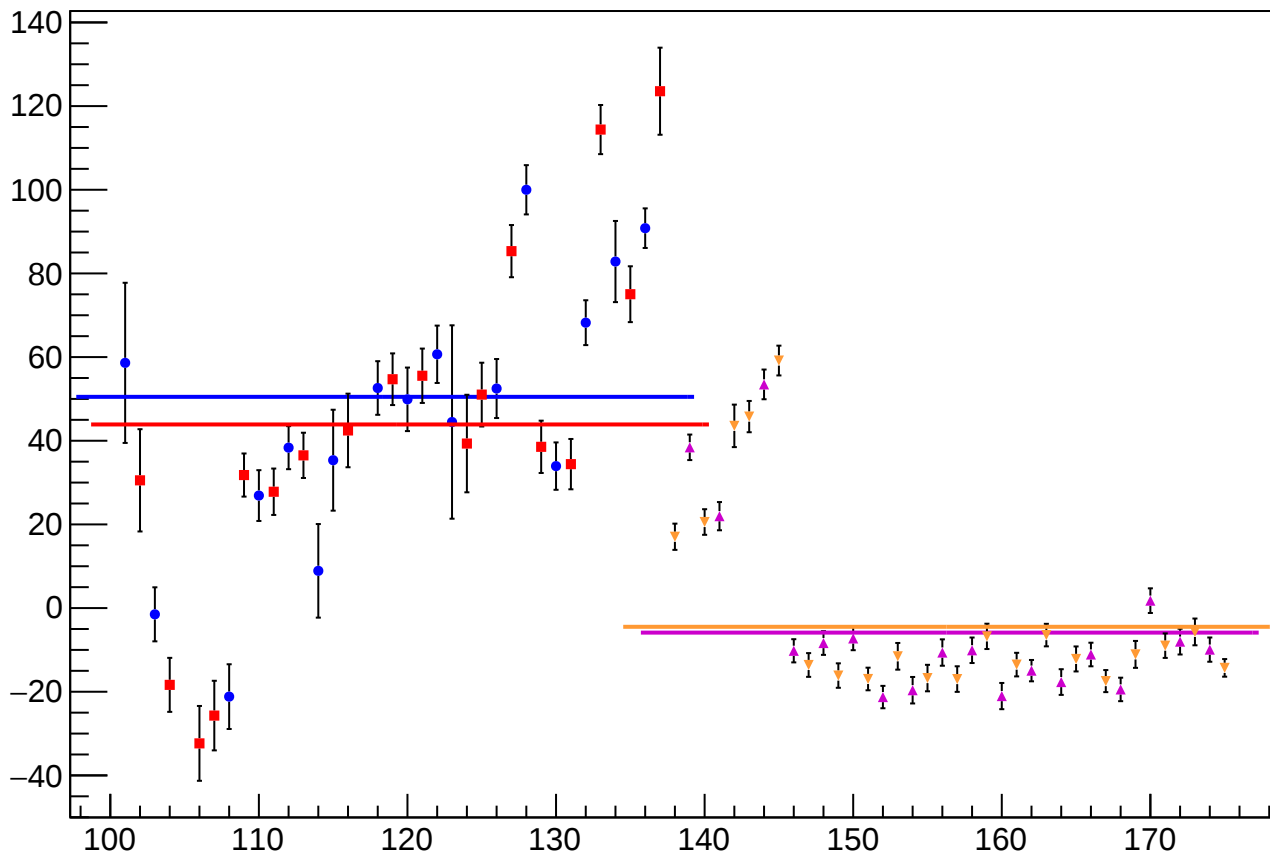
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.457 ± 0.451 χ^2/NDF : 398.5/34

Out: 11.650 ± 0.428 χ^2/NDF : 416.5/37

All: 11.558 ± 0.310 χ^2/NDF : 815.1/72

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 χ^2/NDF : 363.2/16

Left Out: -4.476 ± 0.667 χ^2/NDF : 858.4/19

Right Out: 43.895 ± 1.604 χ^2/NDF : 531.7/17

Left In: -5.865 ± 0.697 χ^2/NDF : 705.0/17

Left: -5.140 ± 0.482 χ^2/NDF : 1565.5/37

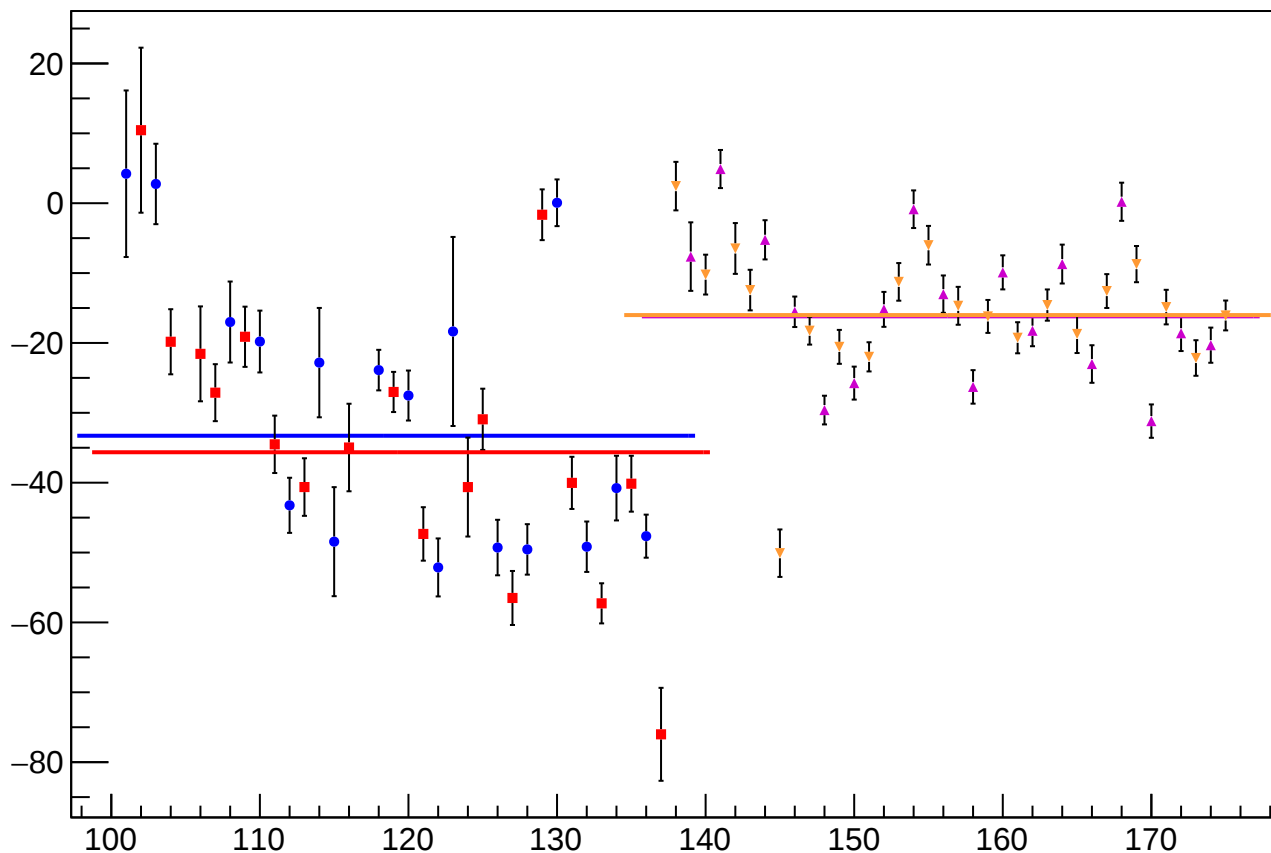
Right: 47.060 ± 1.157 χ^2/NDF : 903.0/34

In: 2.492 ± 0.643 χ^2/NDF : 2037.4/34

Out: 2.665 ± 0.616 χ^2/NDF : 2165.6/37

All: 2.583 ± 0.445 χ^2/NDF : 4203.0/72

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.011 ± 0.566 χ^2/NDF : 190.4/19

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.195 ± 0.597 χ^2/NDF : 289.2/17

Left: -16.098 ± 0.411 χ^2/NDF : 479.6/37

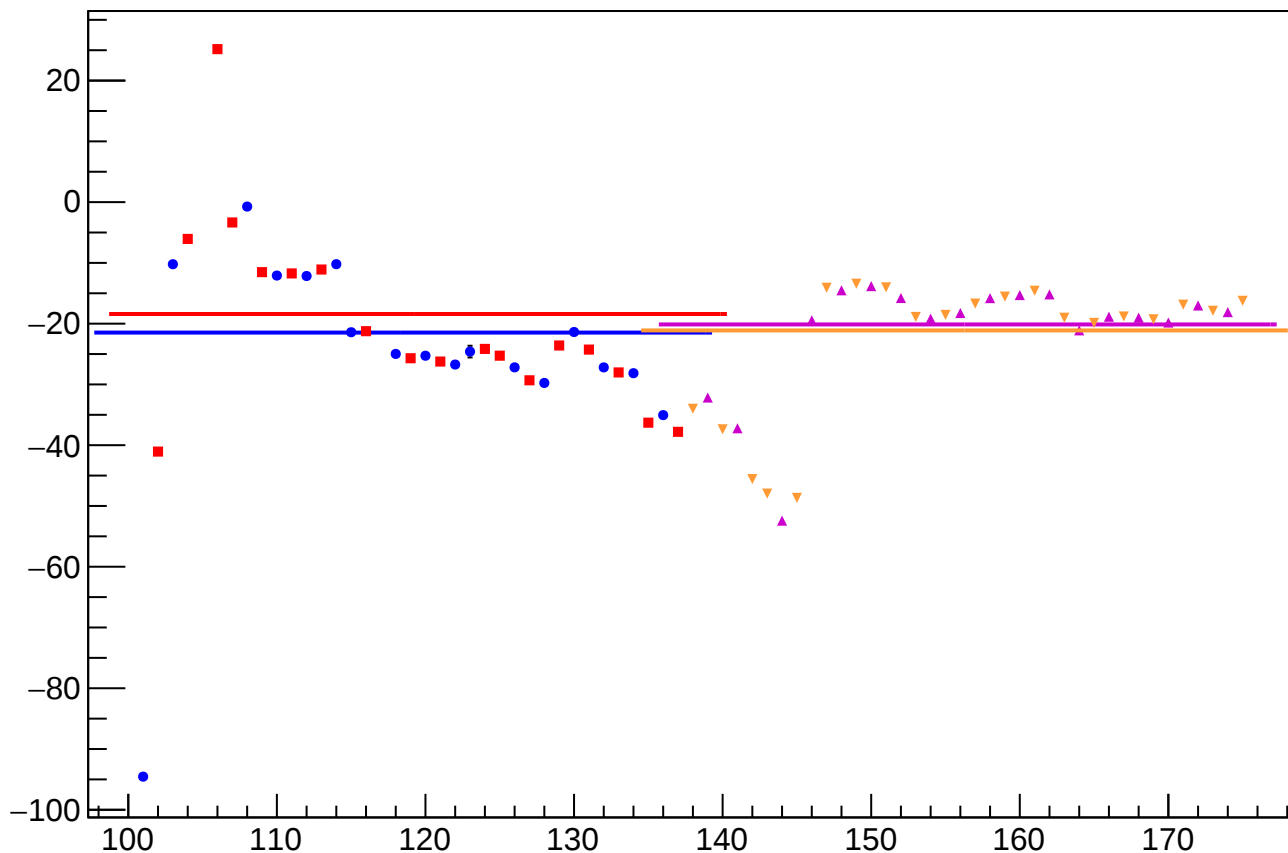
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -20.465 ± 0.517 χ^2/NDF : 786.6/34

Out: -20.834 ± 0.492 χ^2/NDF : 770.0/37

All: -20.659 ± 0.357 χ^2/NDF : 1556.8/72

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -21.113 ± 0.026 $\chi^2/\text{NDF}: 136146.9/19$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -20.129 ± 0.027 $\chi^2/\text{NDF}: 85797.2/17$

Left: -20.633 ± 0.019 $\chi^2/\text{NDF}: 222624.7/37$

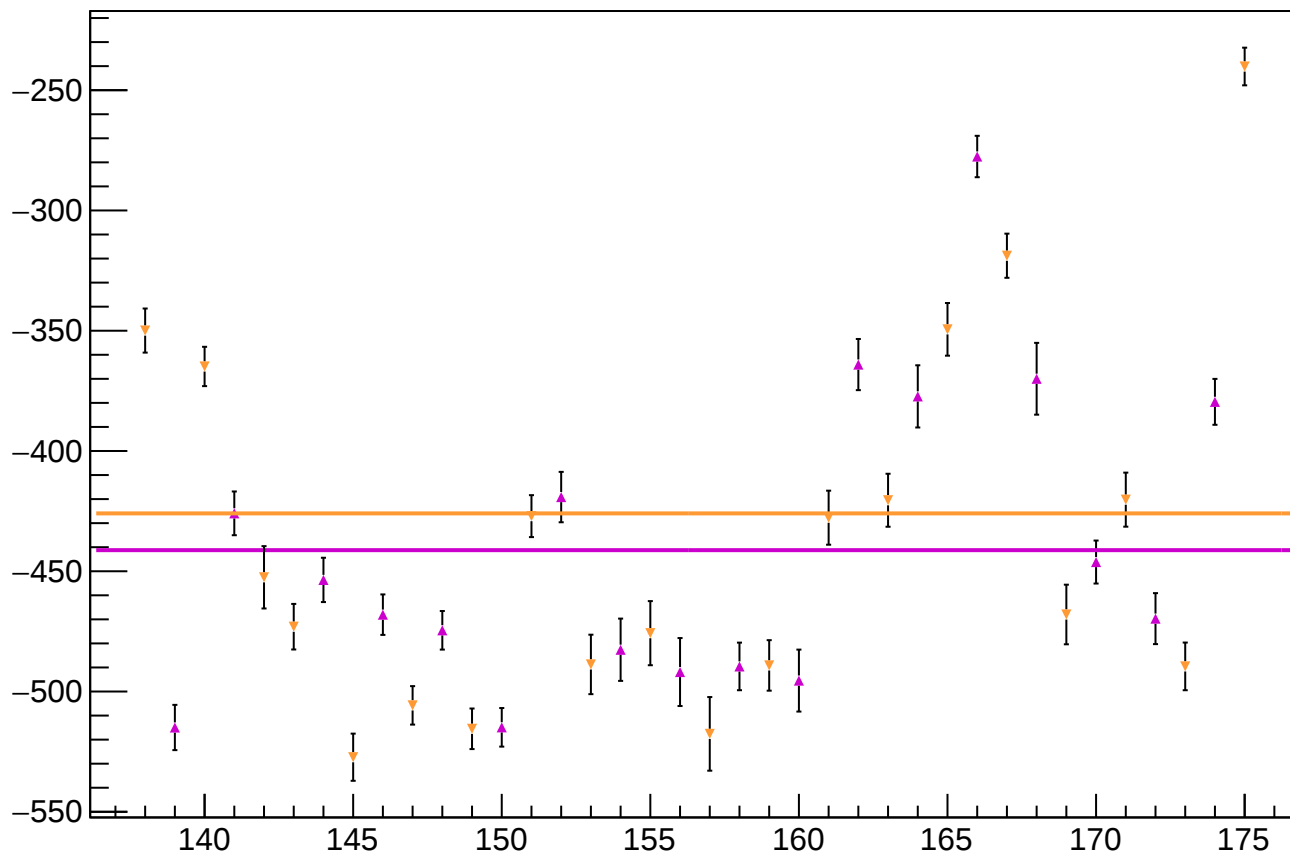
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -20.362 ± 0.025 $\chi^2/\text{NDF}: 135206.4/34$

Out: -20.642 ± 0.024 $\chi^2/\text{NDF}: 215565.1/37$

All: -20.506 ± 0.017 $\chi^2/\text{NDF}: 350838.1/72$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -441.229+/-2.344 χ^2/NDF :757.7/17

Left: -433.225+/-1.618 χ^2/NDF : 2166.1/37

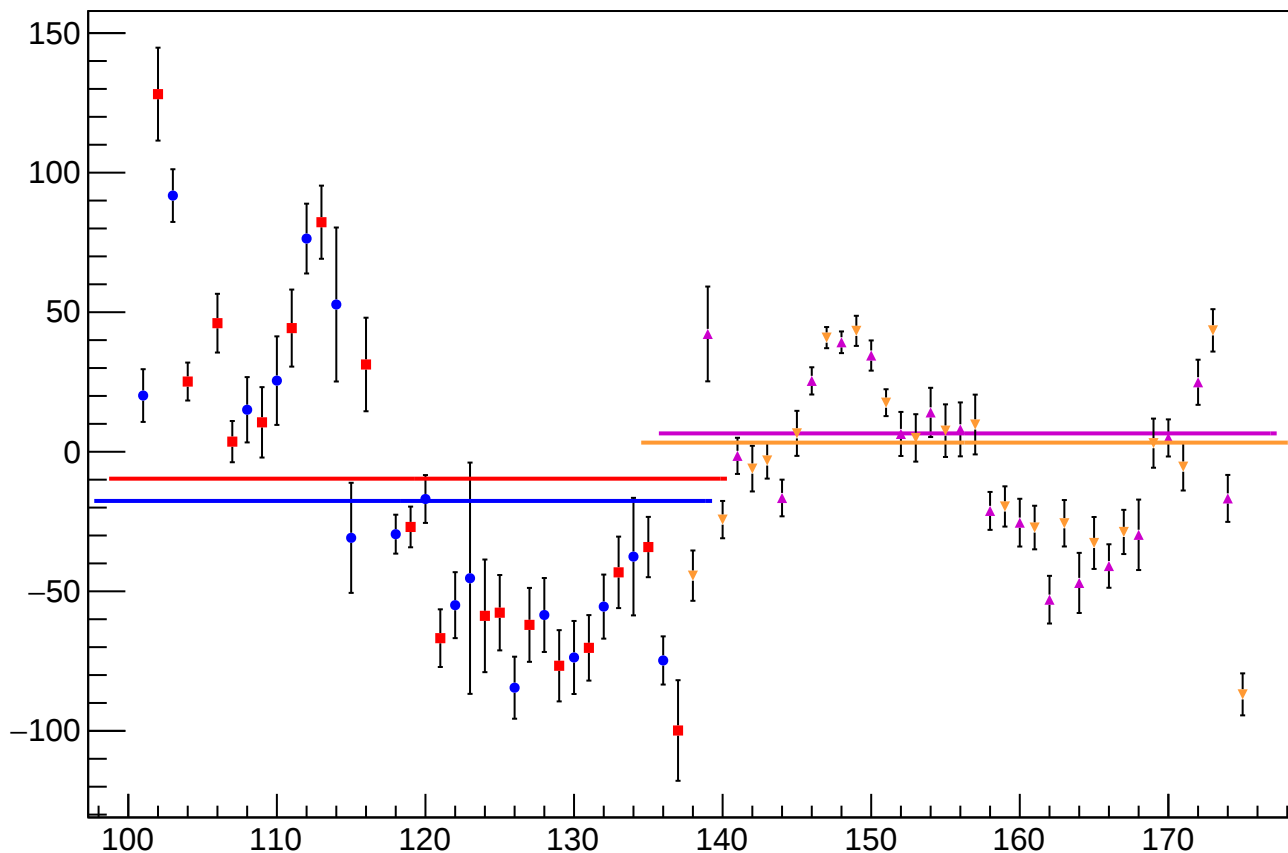
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -441.229+/-2.344 χ^2/NDF :757.7/17

Out: -425.944+/-2.236 χ^2/NDF :1386.2/19

All: -433.225+/-1.618 χ^2/NDF : 2166.1/37

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: 3.280 ± 1.564 $\chi^2/\text{NDF}: 451.8/19$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 6.579 ± 1.655 $\chi^2/\text{NDF}: 293.7/17$

Left: 4.836 ± 1.137 $\chi^2/\text{NDF}: 747.6/37$

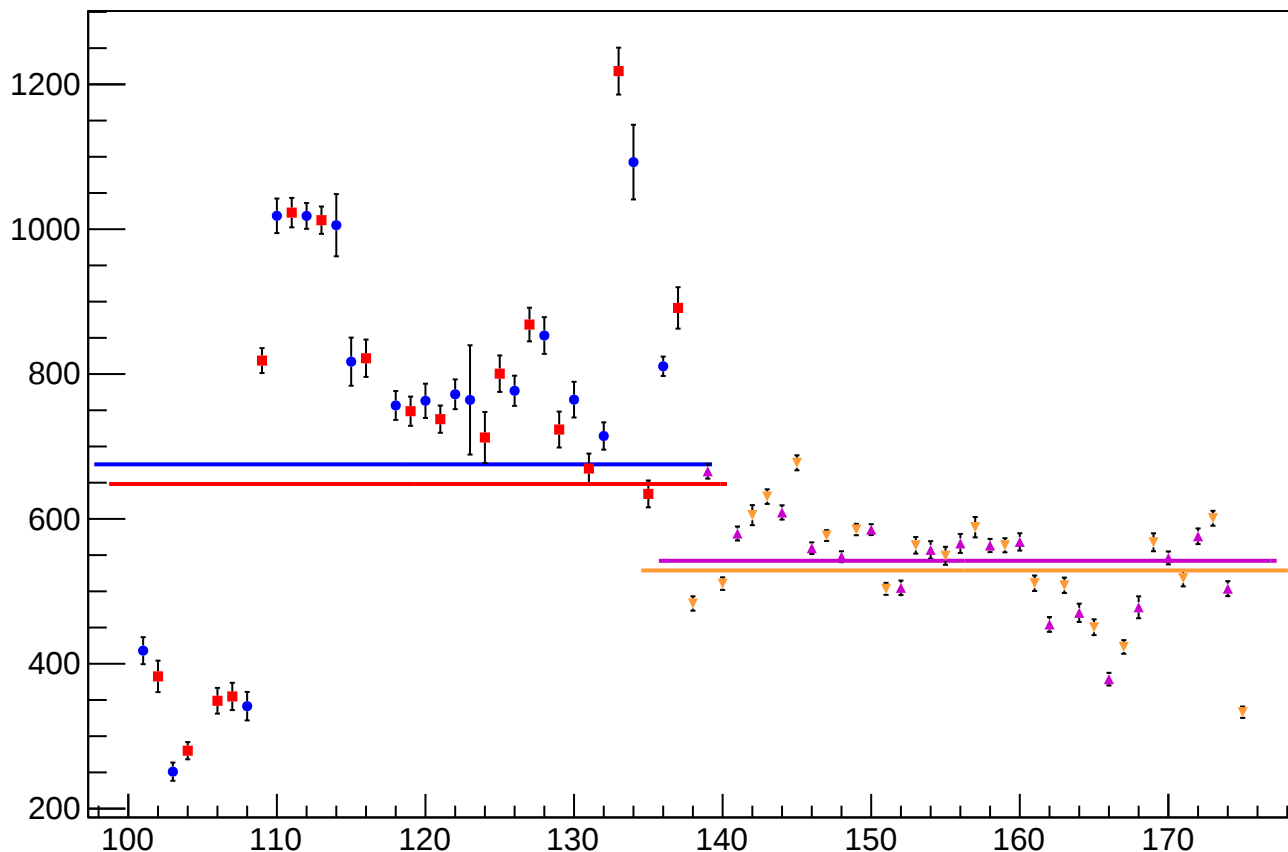
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 0.268 ± 1.423 $\chi^2/\text{NDF}: 711.5/34$

Out: -0.128 ± 1.342 $\chi^2/\text{NDF}: 830.5/37$

All: 0.058 ± 0.976 $\chi^2/\text{NDF}: 1542.0/72$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 528.817+/-2.218 χ^2/NDF :1380.7/19

Right Out: 648.229+/-4.775 χ^2/NDF : 3059.0/17

Left In: 542.183+/-2.314 χ^2/NDF :770.9/17

Left: 535.217+/-1.601 χ^2/NDF : 2169.0/37

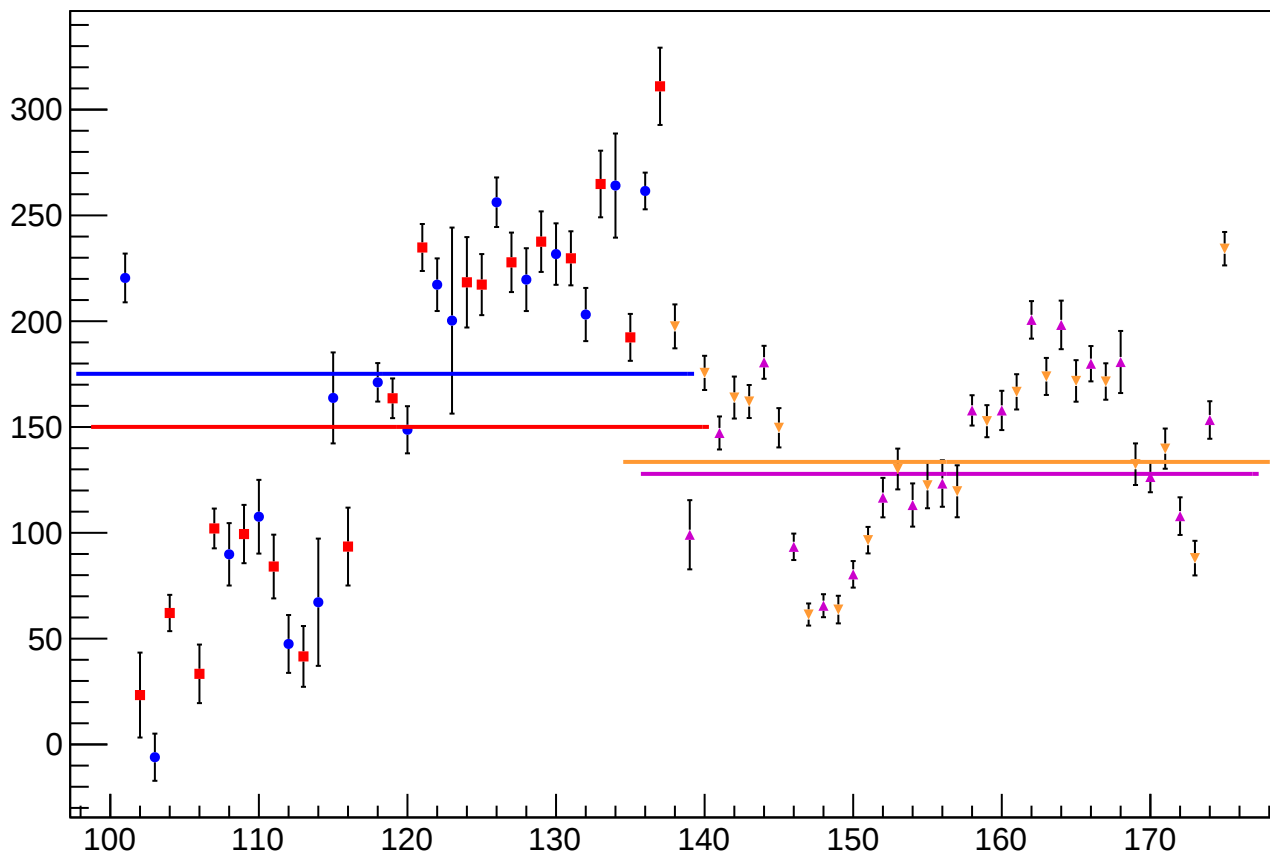
Right: 661.037+/-3.468 χ^2/NDF : 5656.9/34

In: 565.315+/-2.103 χ^2/NDF :3929.1/34

Out: 550.006+/-2.011 χ^2/NDF :4954.1/37

All: 557.320+/-1.454 χ^2/NDF : 8910.9/72

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 133.513 ± 1.840 χ^2/NDF : 705.3/19

Right Out: 150.054 ± 3.045 χ^2/NDF : 686.2/17

Left In: 127.854 ± 1.940 χ^2/NDF : 475.9/17

Left: 130.833 ± 1.335 χ^2/NDF : 1185.7/37

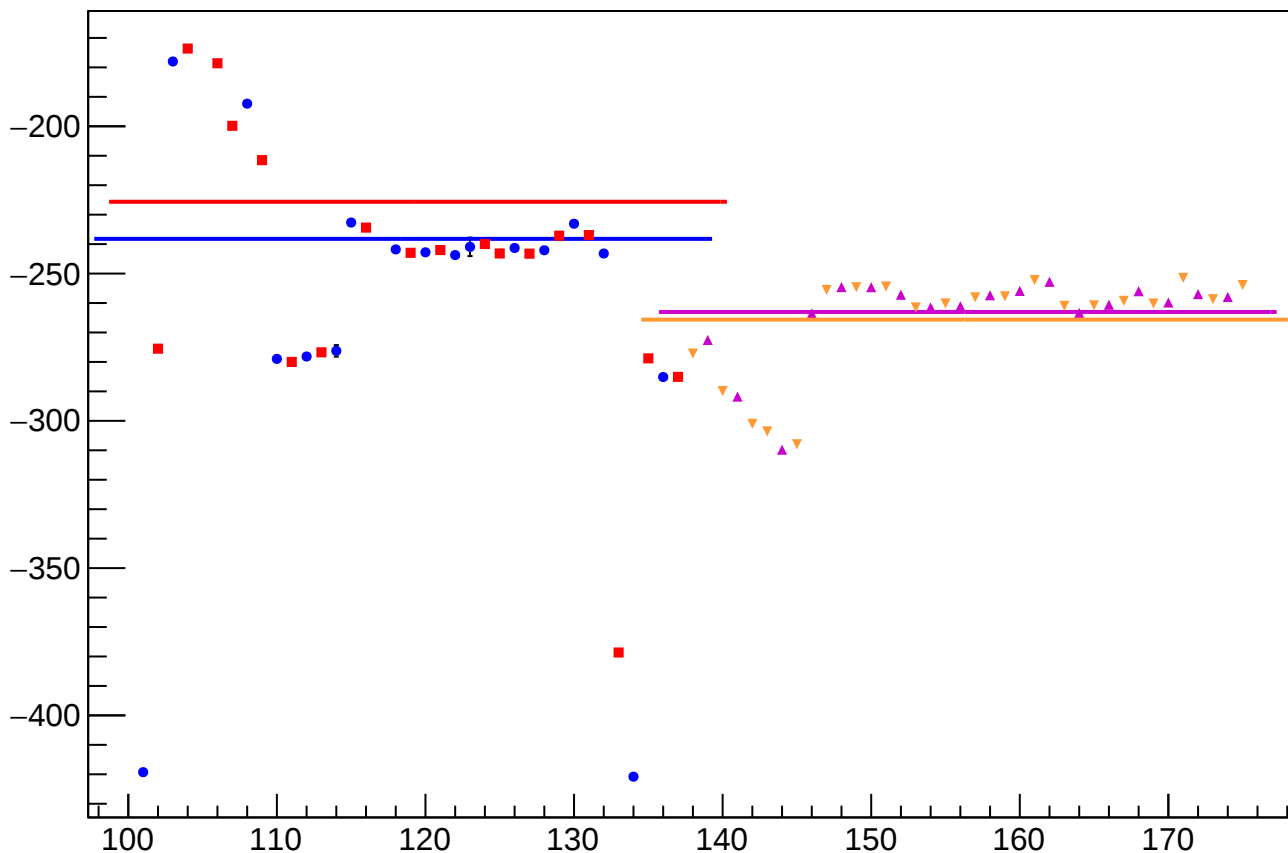
Right: 161.941 ± 2.209 χ^2/NDF : 1354.0/34

In: 140.507 ± 1.660 χ^2/NDF : 1270.6/34

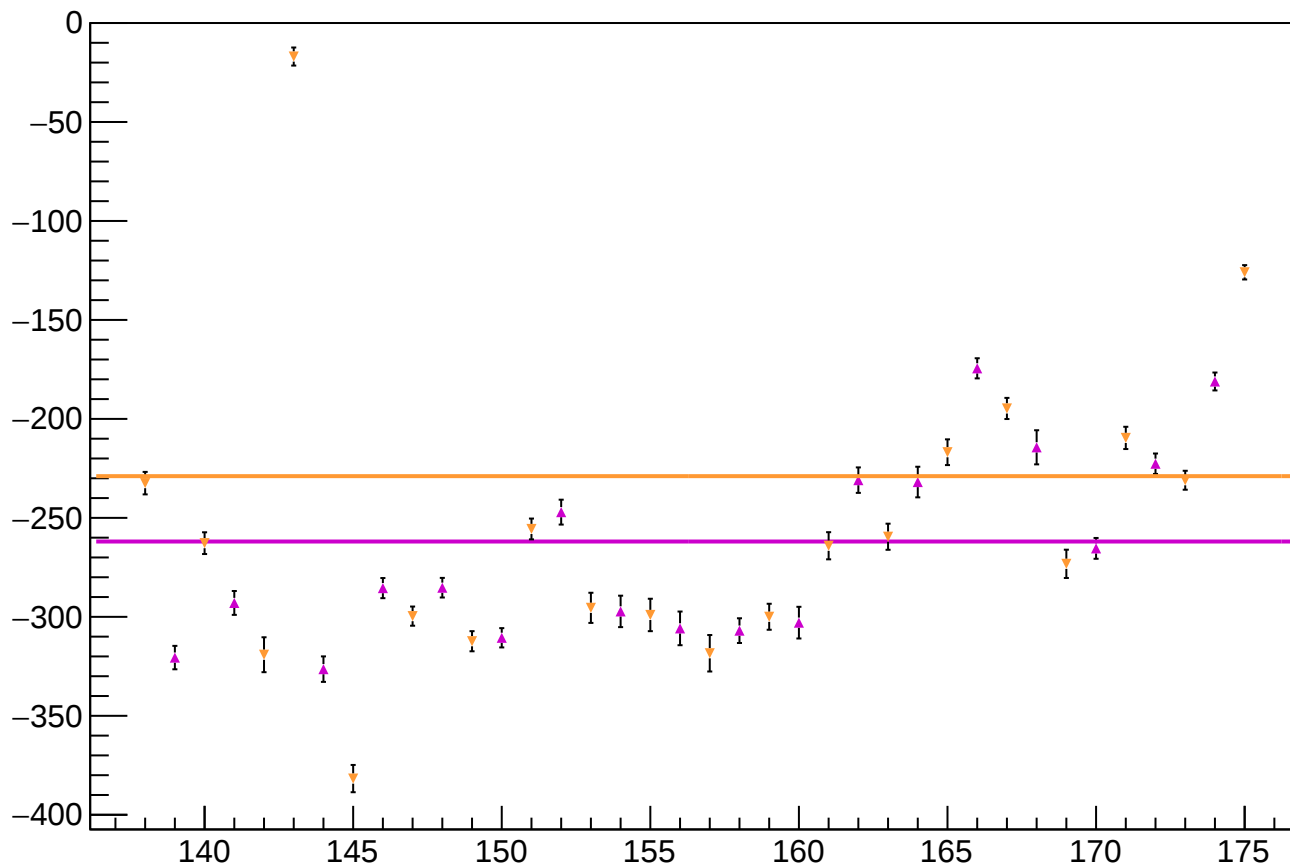
Out: 137.936 ± 1.575 χ^2/NDF : 1413.1/37

All: 139.154 ± 1.142 χ^2/NDF : 2684.9/72

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



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: -228.925+/-1.286 χ^2/NDF :4613.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -261.945+/-1.395 χ^2/NDF :1240.9/17

Left: -244.087+/-0.946 χ^2/NDF : 6157.0/37

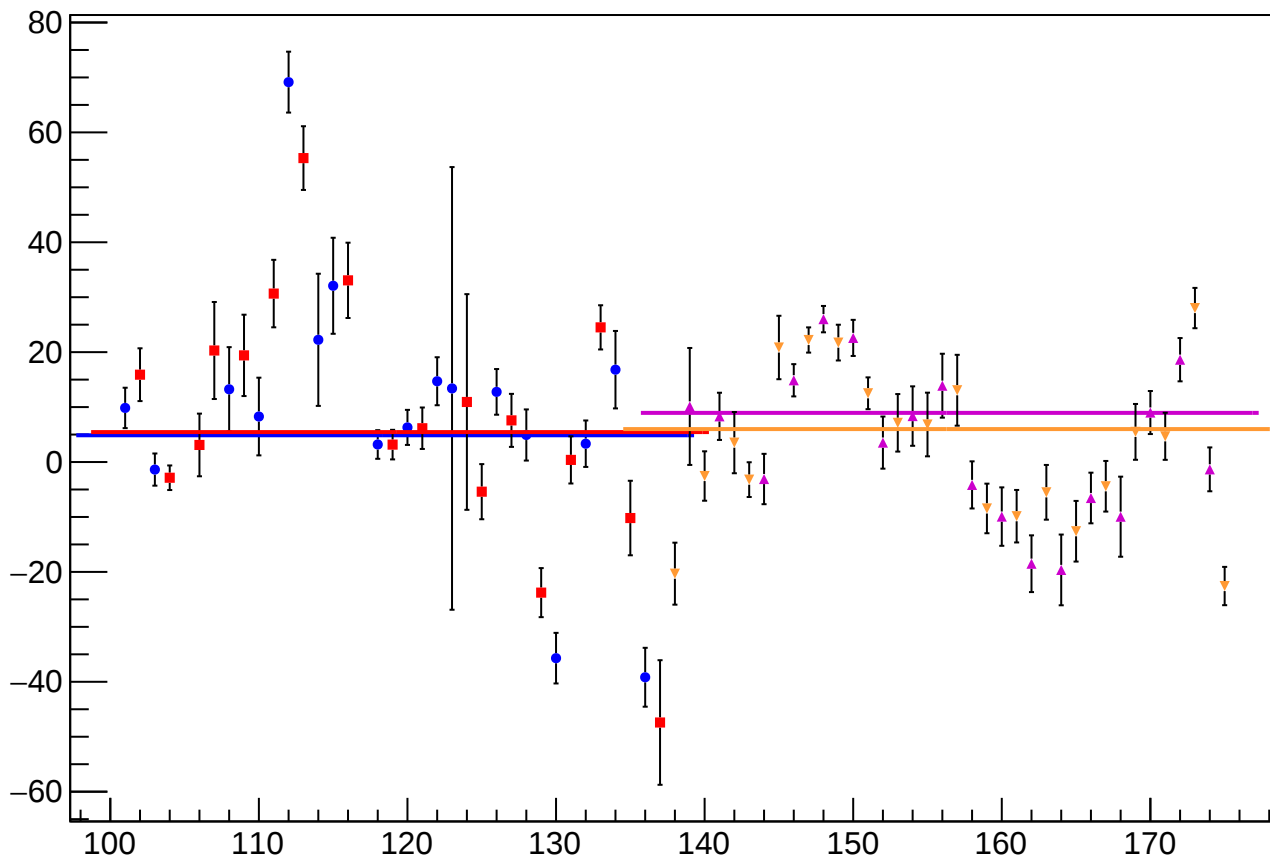
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -261.945+/-1.395 χ^2/NDF :1240.9/17

Out: -228.925+/-1.286 χ^2/NDF :4613.2/19

All: -244.087+/-0.946 χ^2/NDF : 6157.0/37

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 χ^2/NDF : 311.5/16

Left Out: 5.997 ± 0.913 χ^2/NDF : 266.6/19

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 8.947 ± 0.995 χ^2/NDF : 181.4/17

Left: 7.346 ± 0.673 χ^2/NDF : 452.8/37

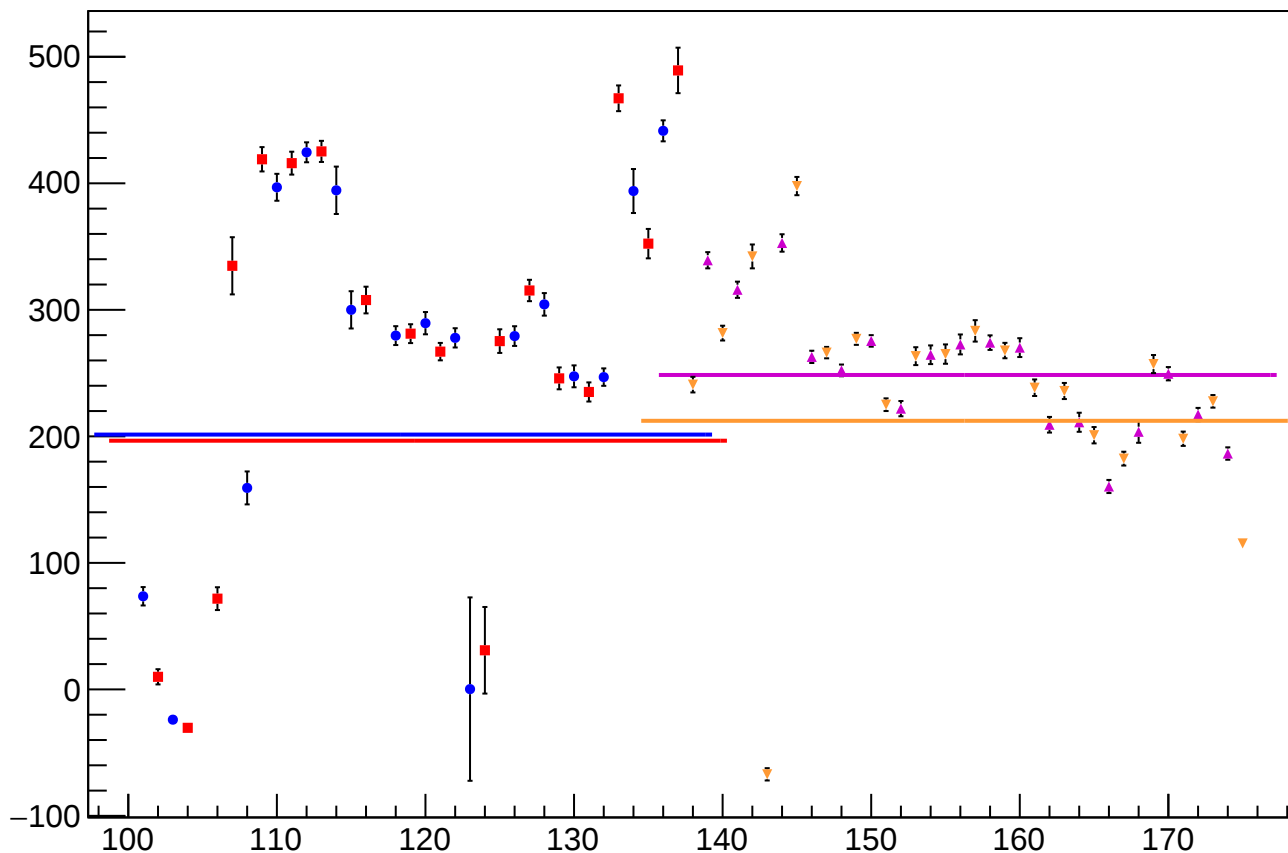
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 7.096 ± 0.735 χ^2/NDF : 500.6/34

Out: 5.767 ± 0.695 χ^2/NDF : 498.3/37

All: 6.394 ± 0.505 χ^2/NDF : 1000.7/72

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: 212.293 $\pm$ 1.278 χ^2 /NDF: 5730.8/19

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 248.515 $\pm$ 1.381 χ^2 /NDF: 1222.1/17

Left: 229.004 $\pm$ 0.938 χ^2 /NDF: 7323.6/37

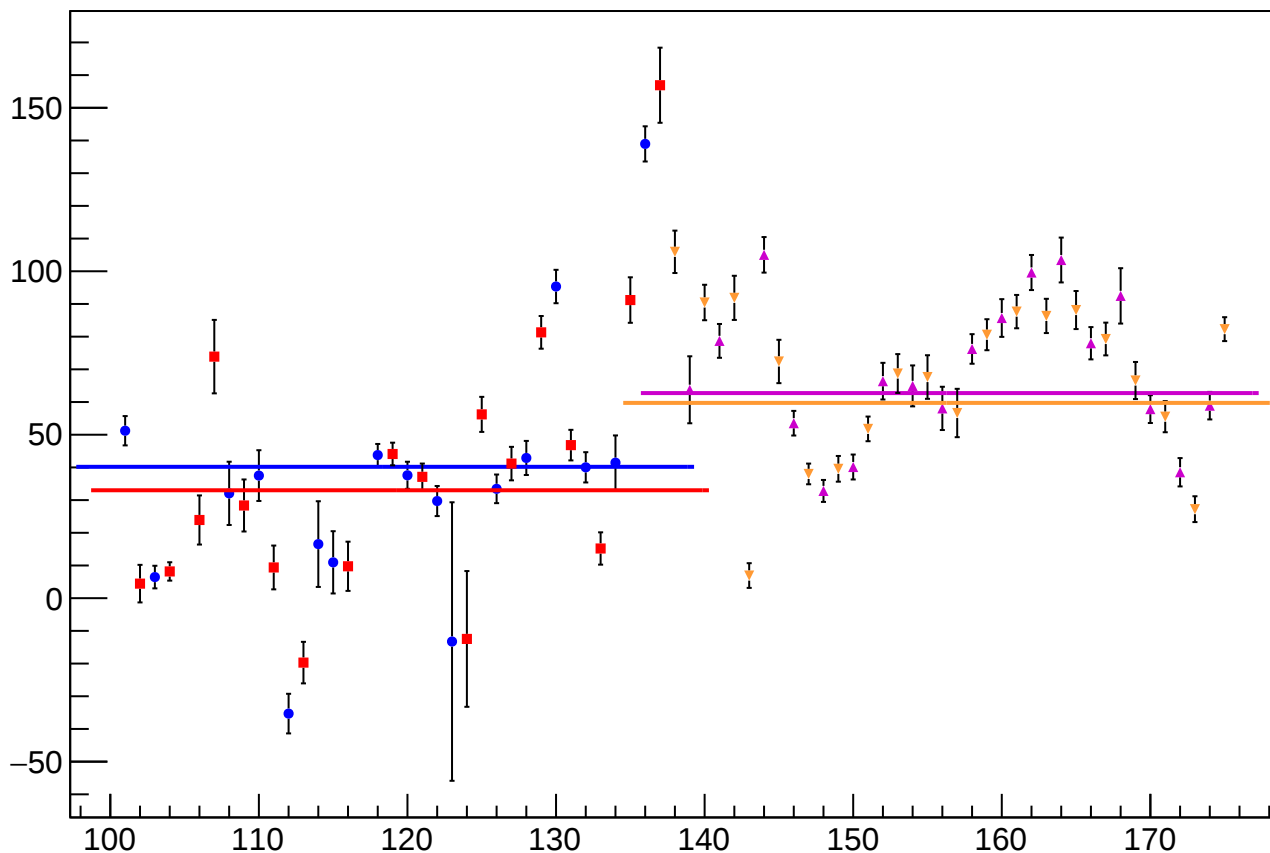
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 233.034 $\pm$ 1.131 χ^2 /NDF: 8345.0/34

Out: 207.504 $\pm$ 1.066 χ^2 /NDF: 13955.0/37

All: 219.506 $\pm$ 0.776 χ^2 /NDF: 22569.9/72

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: 59.737 $\pm$ 1.066 χ^2/NDF :608.4/19

Right Out: 33.009 $\pm$ 1.253 χ^2/NDF : 547.2/17

Left In: 62.739 $\pm$ 1.160 χ^2/NDF :354.0/17

Left: 61.112 $\pm$ 0.785 χ^2/NDF : 966.0/37

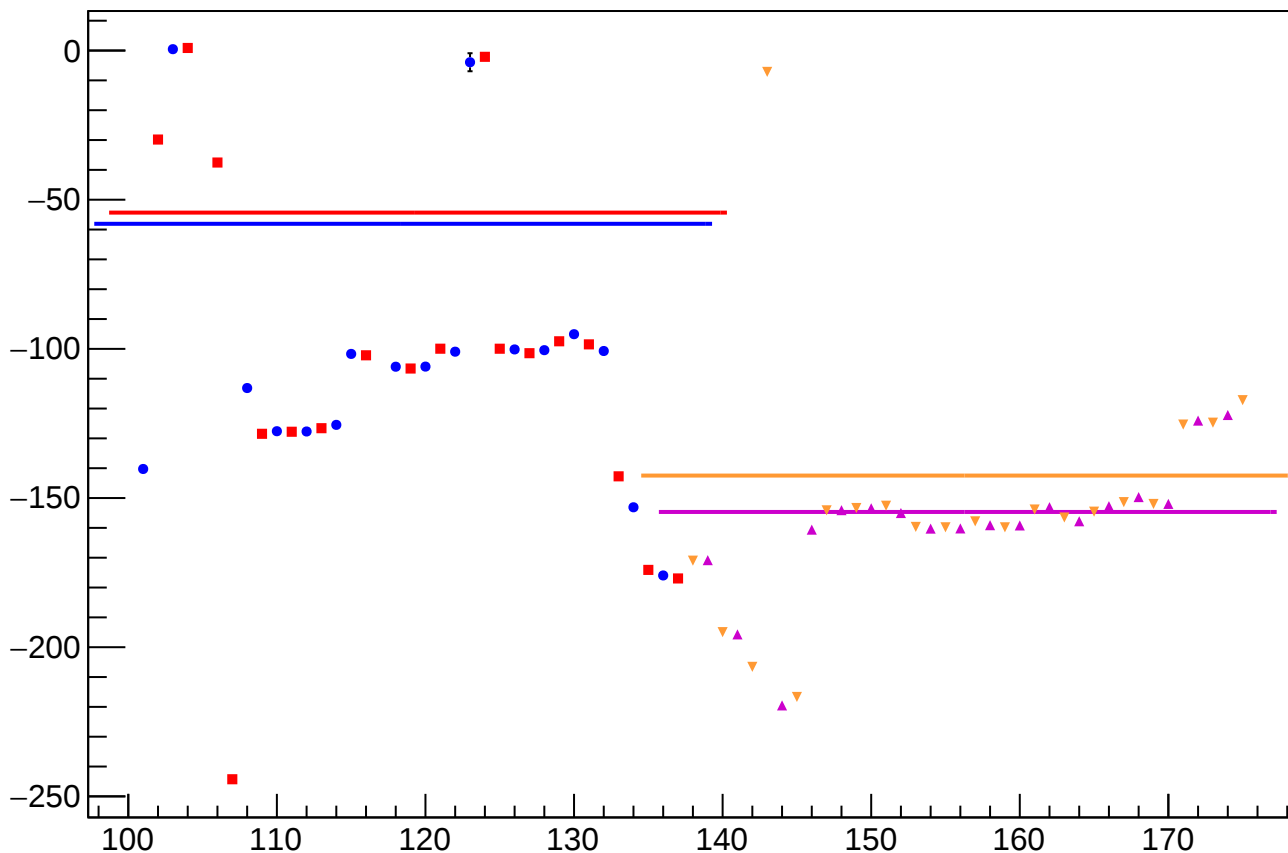
Right: 36.547 $\pm$ 0.892 χ^2/NDF : 1297.4/34

In: 52.482 $\pm$ 0.856 χ^2/NDF :1260.1/34

Out: 48.506 $\pm$ 0.812 χ^2/NDF :1419.4/37

All: 50.388 $\pm$ 0.589 χ^2/NDF : 2690.9/72

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: -142.467 $\pm$ 0.052 χ^2 /NDF: 705543.0/19

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -154.664 $\pm$ 0.054 χ^2 /NDF: 139102.7/17

Left: -148.278 $\pm$ 0.037 χ^2 /NDF: 871294.7/37

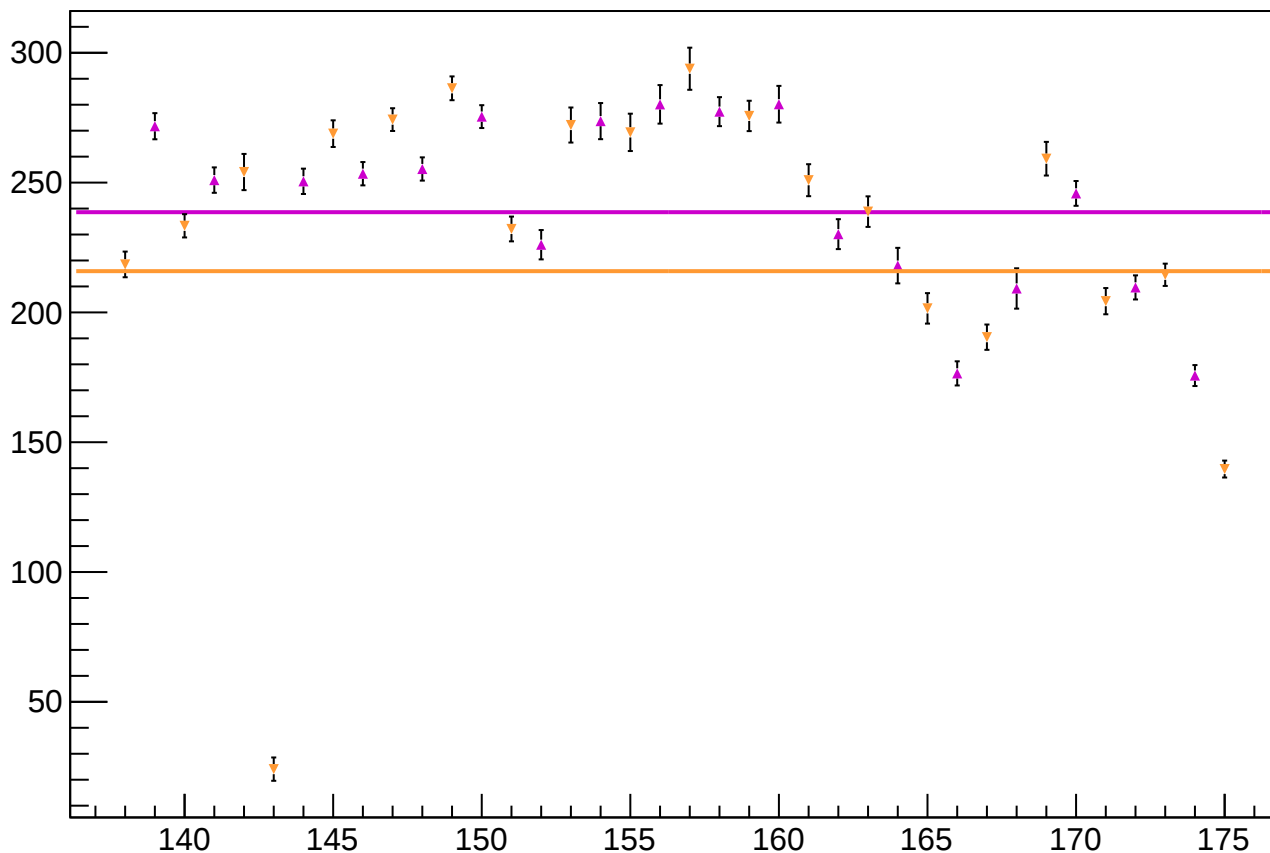
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.649 $\pm$ 0.041 χ^2 /NDF: 2631710.5/34

Out: -105.327 $\pm$ 0.039 χ^2 /NDF: 2927343.3/37

All: -108.859 $\pm$ 0.028 χ^2 /NDF: 5575854.1/72

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: 215.889+/-1.143 χ^2/NDF :3400.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 238.605+/-1.229 χ^2/NDF :782.8/17

Left: 226.422+/-0.837 χ^2/NDF : 4366.8/37

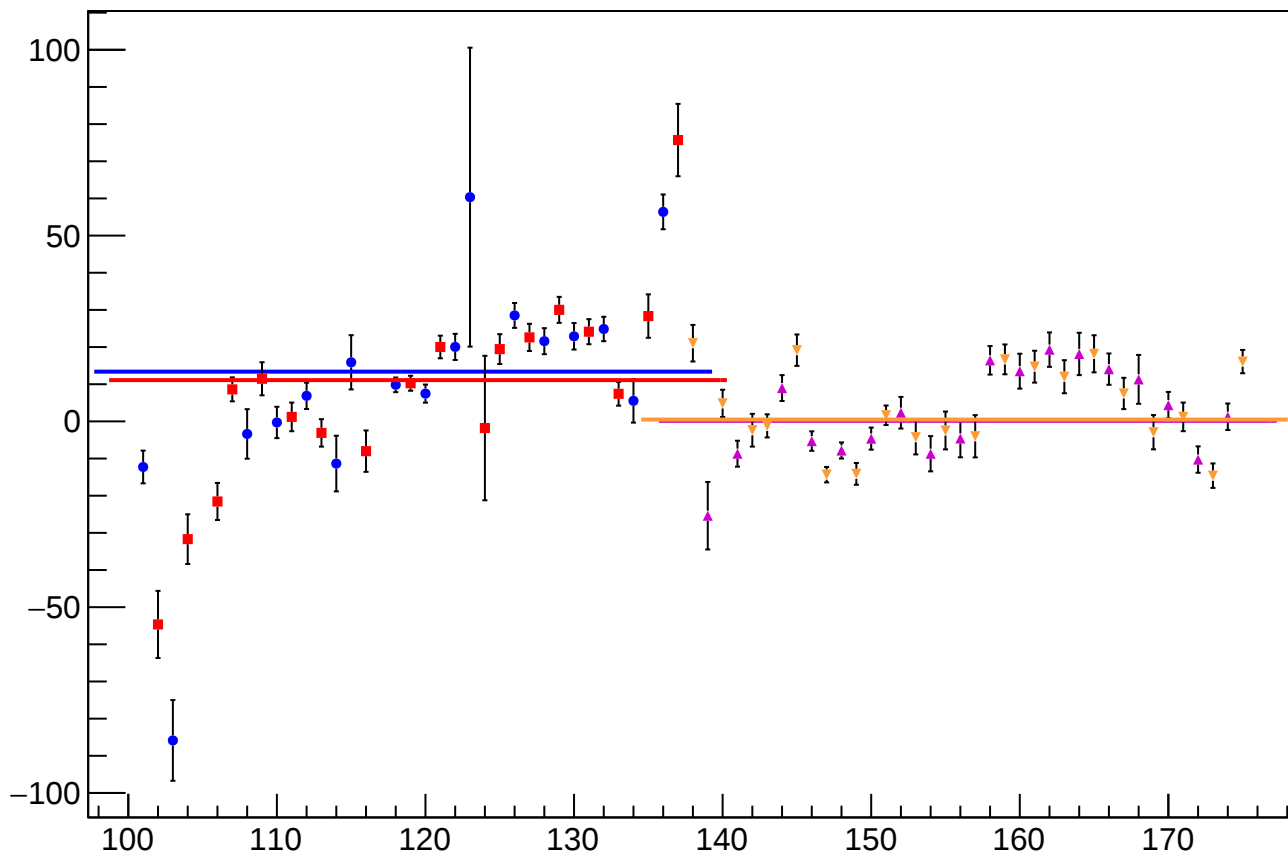
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 238.605+/-1.229 χ^2/NDF :782.8/17

Out: 215.889+/-1.143 χ^2/NDF :3400.7/19

All: 226.422+/-0.837 χ^2/NDF : 4366.8/37

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 0.488 ± 0.815 χ^2/NDF : 212.7/19

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 0.149 ± 0.879 χ^2/NDF : 122.9/17

Left: 0.331 ± 0.598 χ^2/NDF : 335.7/37

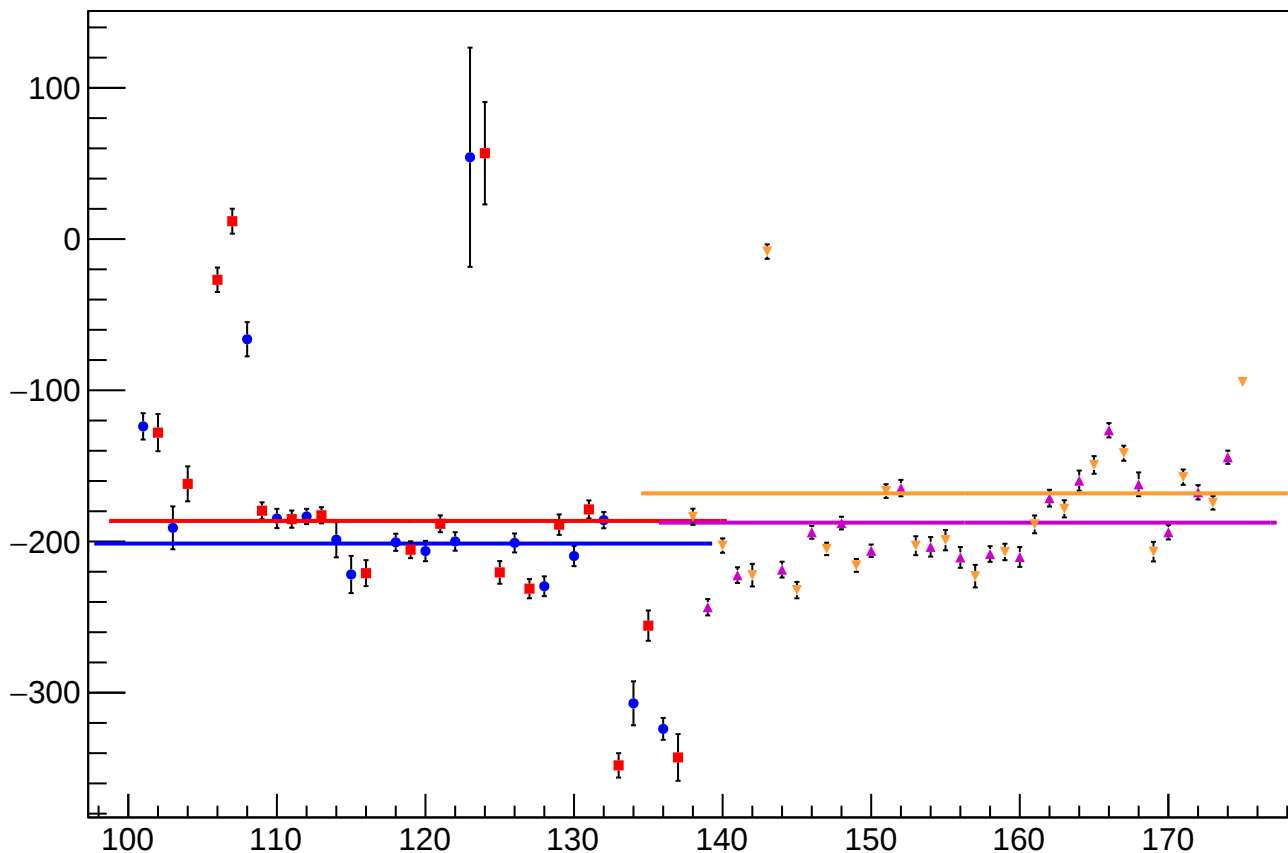
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.460 ± 0.636 χ^2/NDF : 525.0/34

Out: 5.179 ± 0.609 χ^2/NDF : 580.0/37

All: 5.791 ± 0.440 χ^2/NDF : 1107.1/72

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: -168.167 ± 1.137 χ^2/NDF : 2335.7/19

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -187.535 ± 1.219 χ^2/NDF : 590.9/17

Left: -177.182 ± 0.832 χ^2/NDF : 3061.6/37

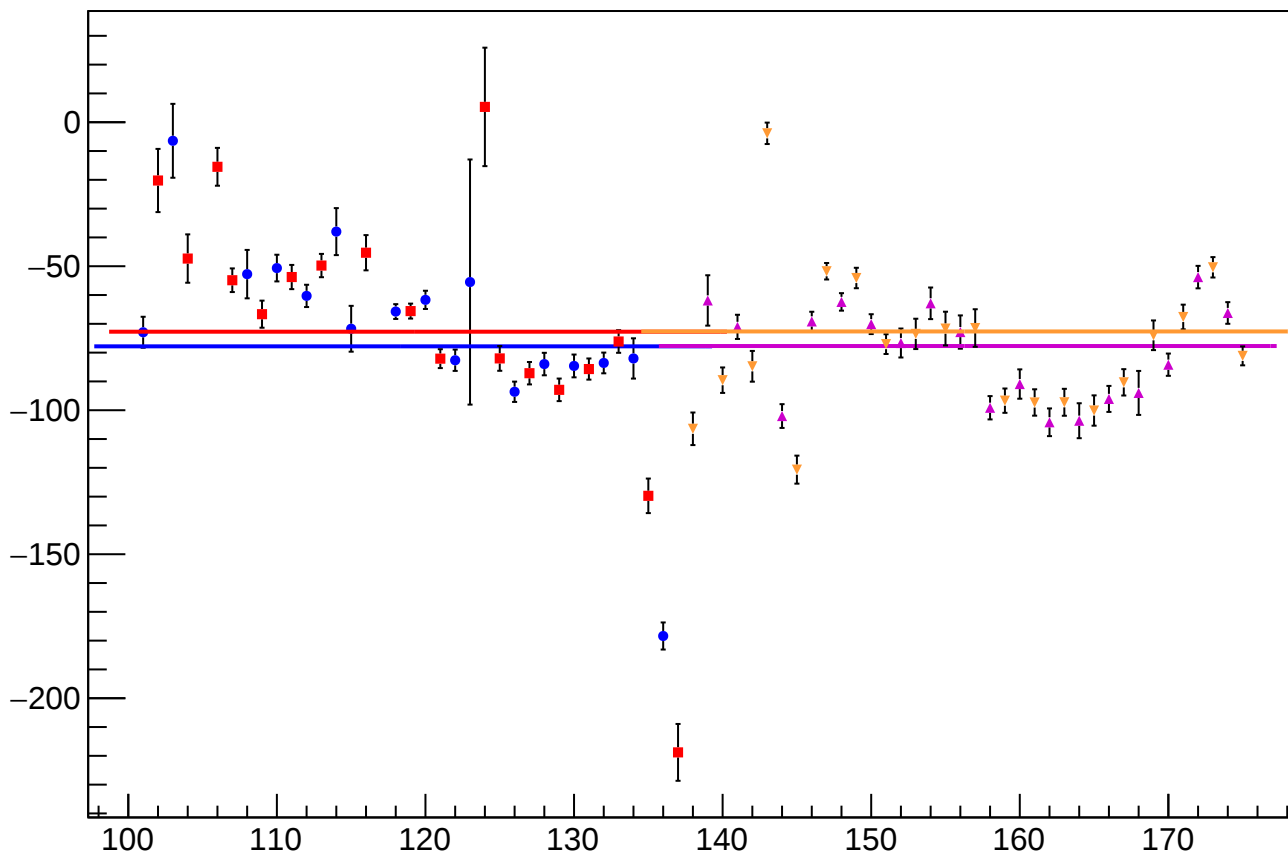
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -191.938 ± 1.006 χ^2/NDF : 1256.9/34

Out: -173.792 ± 0.946 χ^2/NDF : 4114.5/37

All: -182.303 ± 0.689 χ^2/NDF : 5544.0/72

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -72.646 ± 0.951 $\chi^2/\text{NDF}: 756.2/19$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -77.708 ± 1.025 $\chi^2/\text{NDF}: 239.5/17$

Left: -74.989 ± 0.697 $\chi^2/\text{NDF}: 1008.7/37$

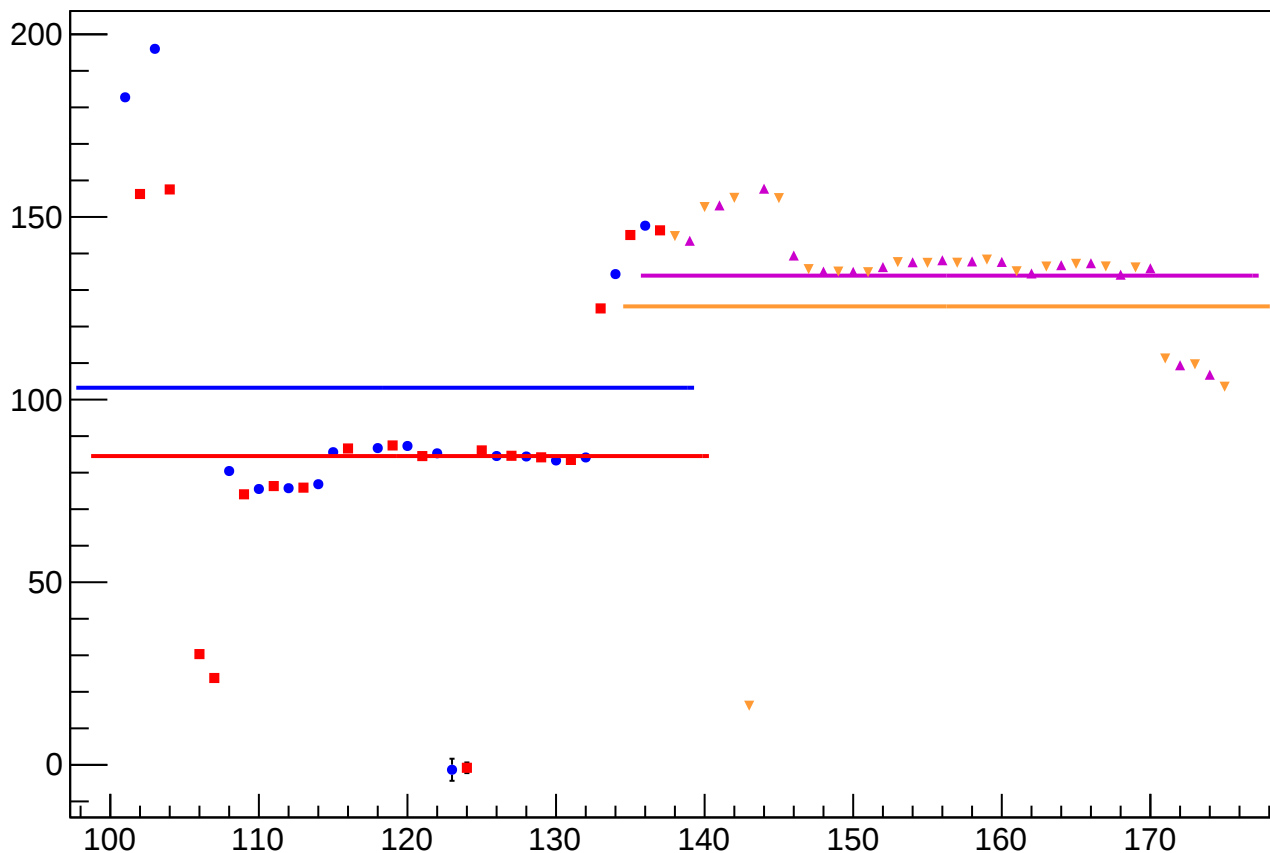
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -77.761 ± 0.739 $\chi^2/\text{NDF}: 895.8/34$

Out: -72.685 ± 0.706 $\chi^2/\text{NDF}: 1355.1/37$

All: -75.106 ± 0.511 $\chi^2/\text{NDF}: 2275.6/72$

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: 125.518 $\pm$ 0.046 χ^2 /NDF: 443997.8/19

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 133.937 $\pm$ 0.048 χ^2 /NDF: 74580.0/17

Left: 129.557 $\pm$ 0.033 χ^2 /NDF: 534749.9/37

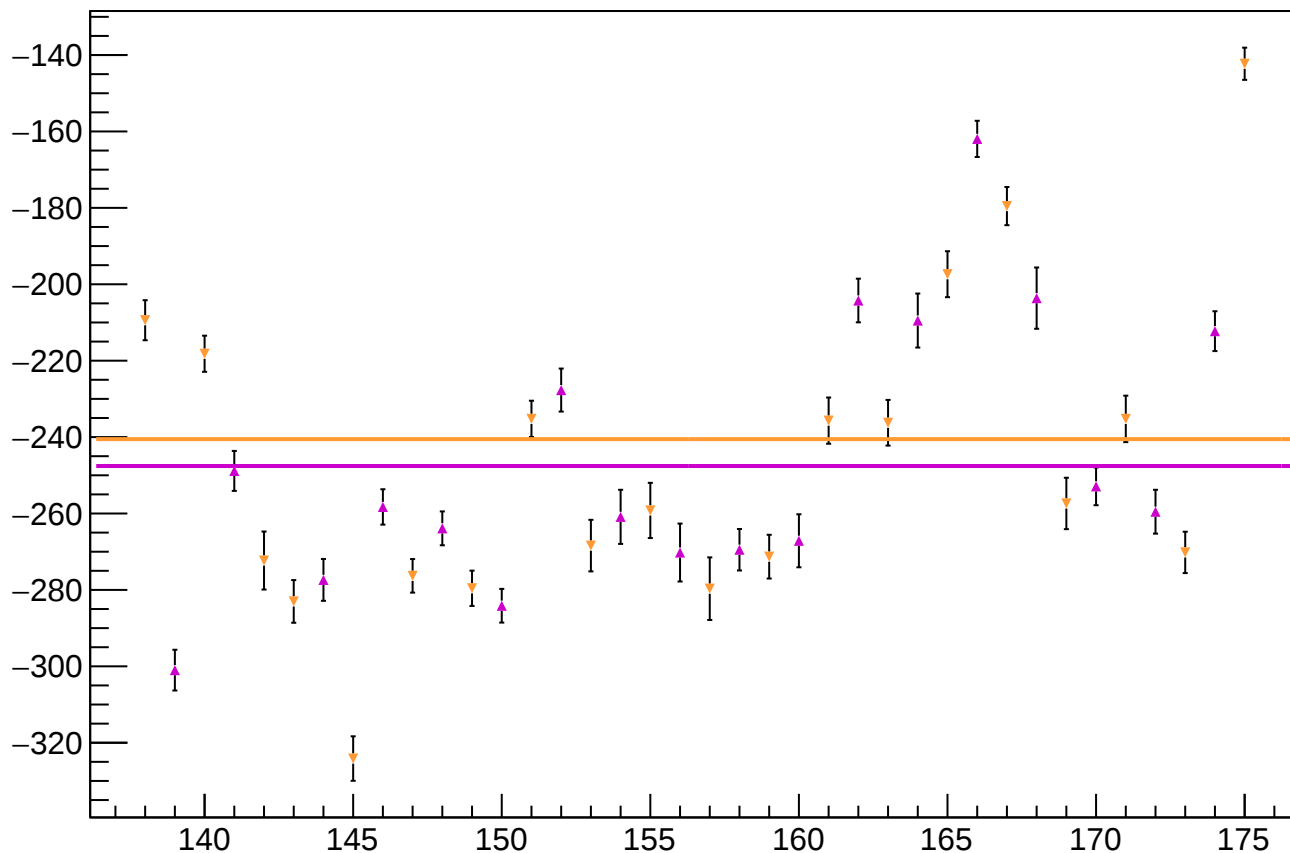
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 124.277 $\pm$ 0.040 χ^2 /NDF: 477974.5/34

Out: 111.593 $\pm$ 0.037 χ^2 /NDF: 1126744.3/37

All: 117.560 $\pm$ 0.027 χ^2 /NDF: 1659237.6/72

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: -240.531+/-1.238 χ^2/NDF :1336.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.571+/-1.295 χ^2/NDF :761.8/17

Left: -243.893+/-0.895 χ^2/NDF : 2113.8/37

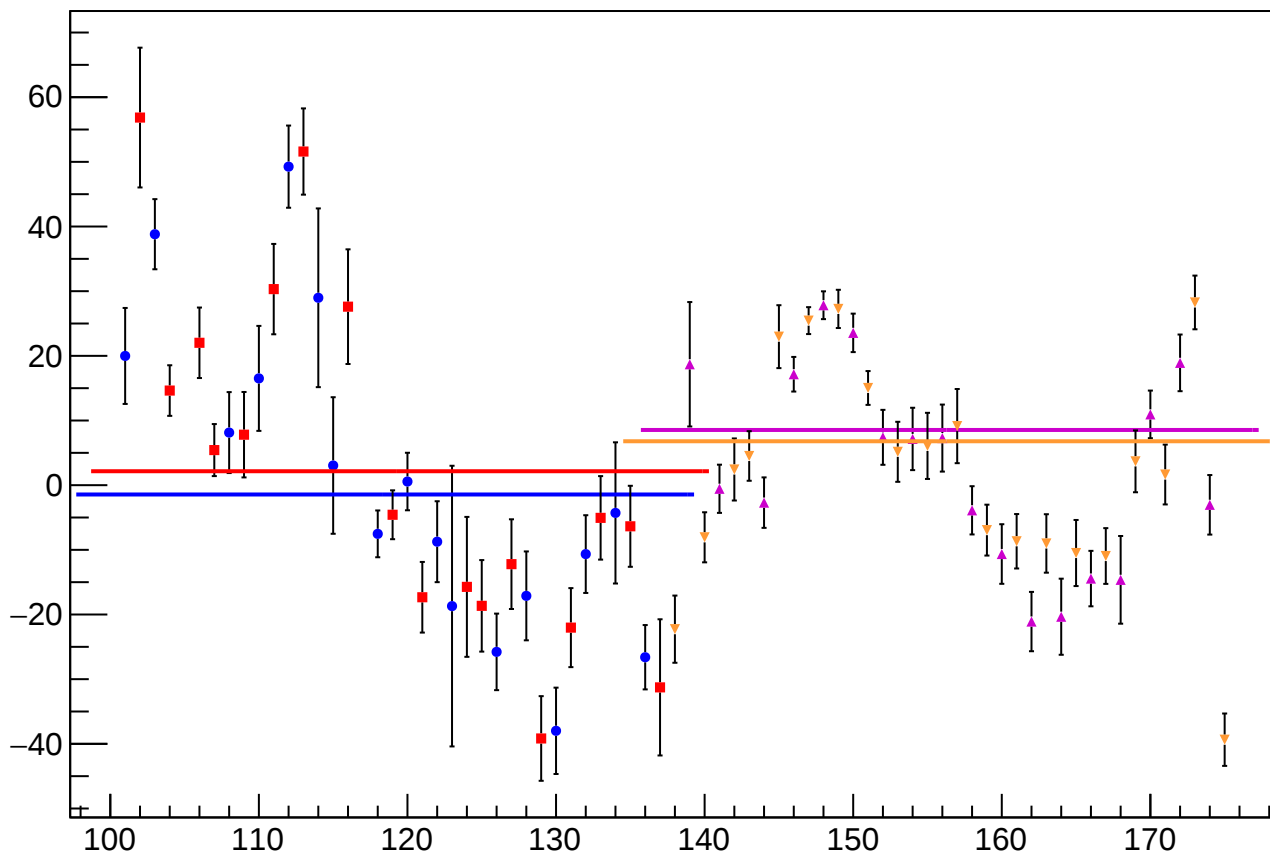
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.571+/-1.295 χ^2/NDF :761.8/17

Out: -240.531+/-1.238 χ^2/NDF :1336.5/19

All: -243.893+/-0.895 χ^2/NDF : 2113.8/37

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 6.791 ± 0.865 $\chi^2/\text{NDF}: 421.3/19$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 8.538 ± 0.914 $\chi^2/\text{NDF}: 278.9/17$

Left: 7.617 ± 0.628 $\chi^2/\text{NDF}: 702.2/37$

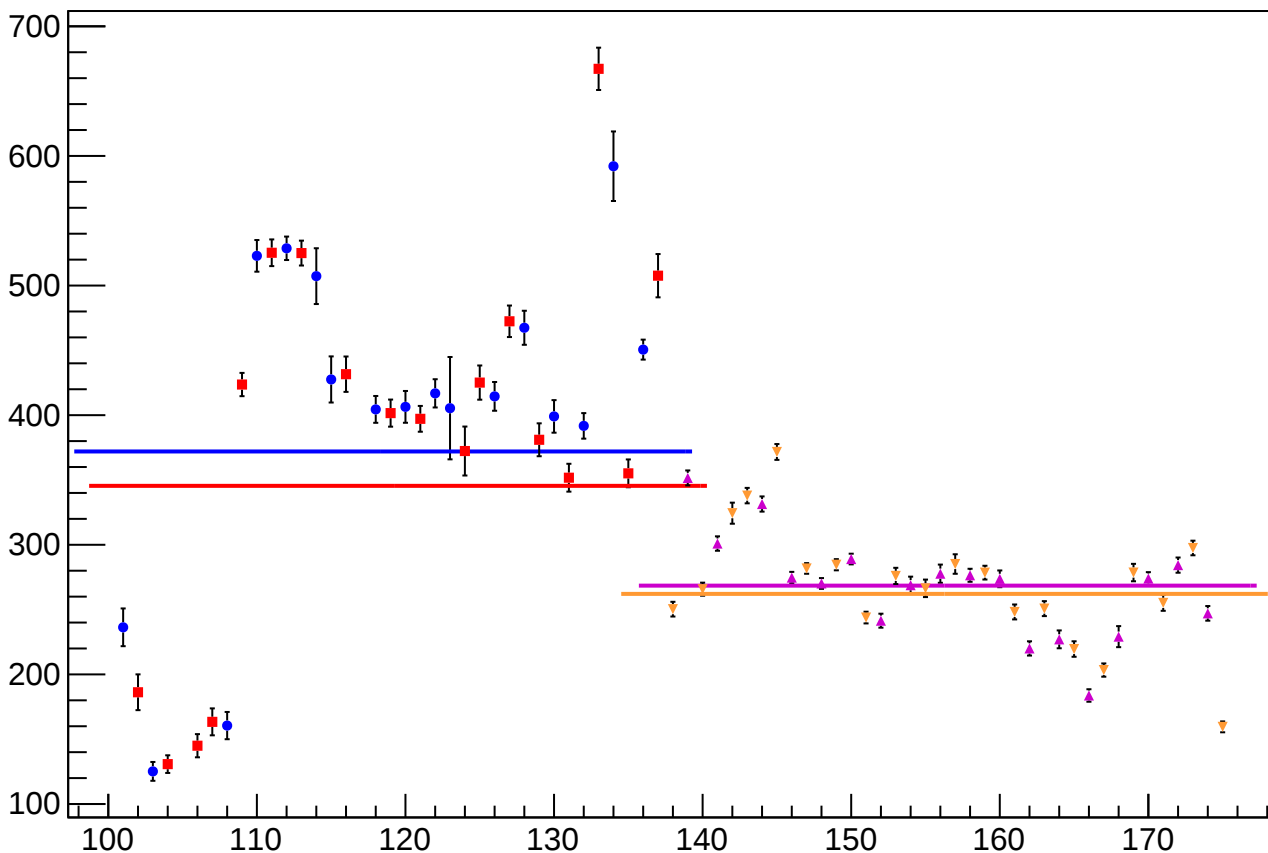
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 5.879 ± 0.783 $\chi^2/\text{NDF}: 535.1/34$

Out: 5.512 ± 0.736 $\chi^2/\text{NDF}: 659.4/37$

All: 5.684 ± 0.536 $\chi^2/\text{NDF}: 1194.7/72$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 χ^2/NDF : 2431.2/16

Left Out: 262.113 ± 1.225 χ^2/NDF : 1472.0/19

Right Out: 345.473 ± 2.564 χ^2/NDF : 3401.6/17

Left In: 268.486 ± 1.276 χ^2/NDF : 882.6/17

Left: 265.170 ± 0.884 χ^2/NDF : 2367.5/37

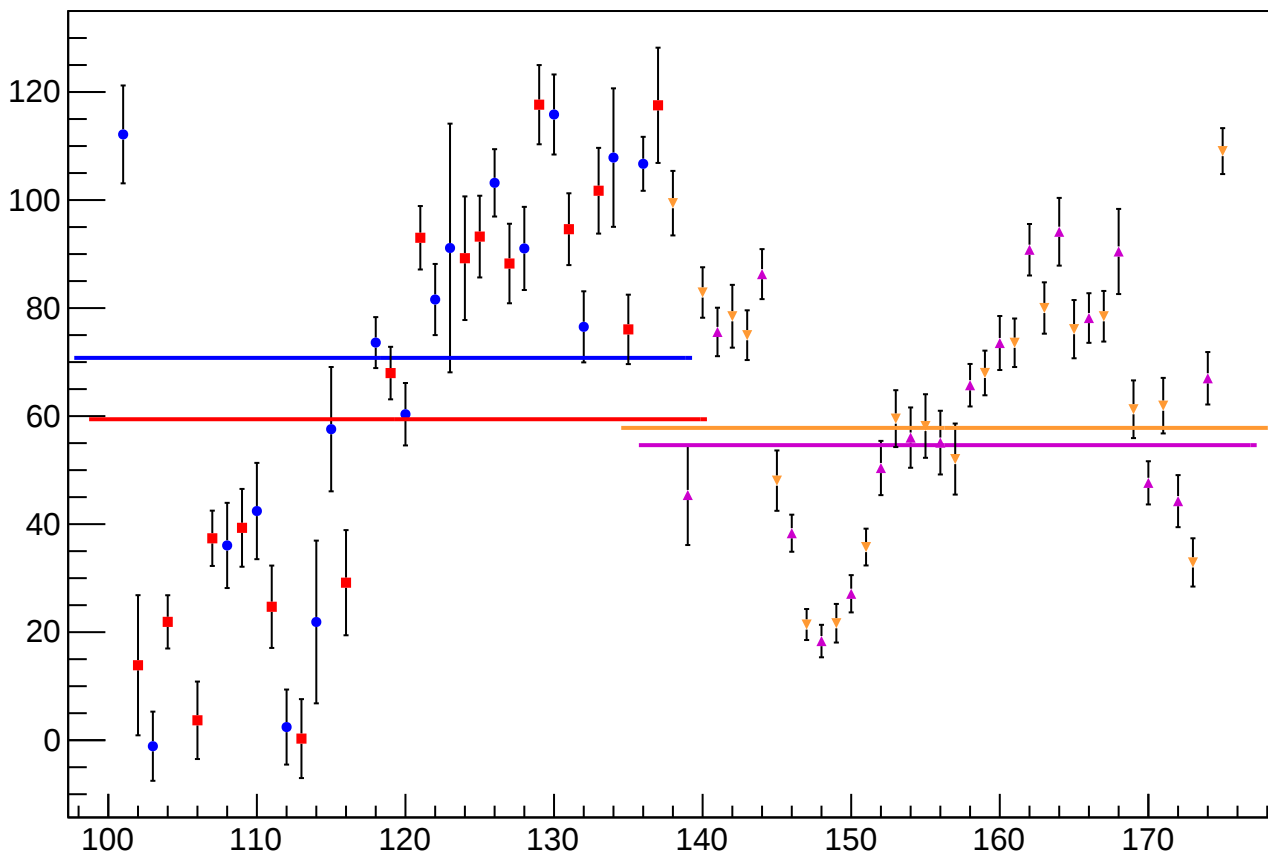
Right: 357.739 ± 1.880 χ^2/NDF : 5882.3/34

In: 286.659 ± 1.158 χ^2/NDF : 4469.4/34

Out: 277.600 ± 1.105 χ^2/NDF : 5734.0/37

All: 281.917 ± 0.800 χ^2/NDF : 10235.5/72

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: 57.818 $\pm$ 1.017 χ^2 /NDF:661.5/19

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 54.625 $\pm$ 1.070 χ^2 /NDF:482.7/17

Left: 56.303 $\pm$ 0.737 χ^2 /NDF: 1148.8/37

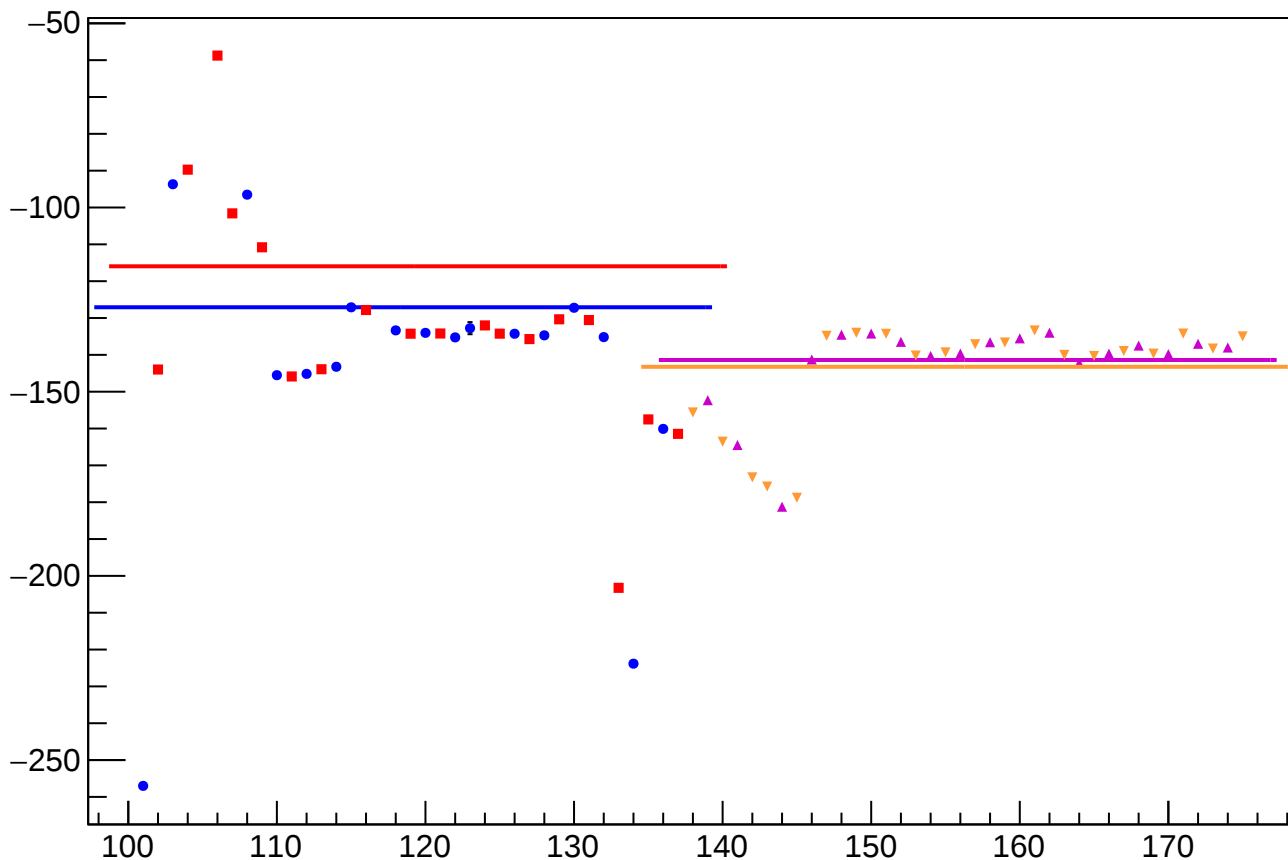
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 59.033 $\pm$ 0.912 χ^2 /NDF:968.8/34

Out: 58.266 $\pm$ 0.863 χ^2 /NDF:1148.8/37

All: 58.628 $\pm$ 0.627 χ^2 /NDF: 2117.9/72

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: -143.241+/-0.049 χ^2/NDF : 75694.8/19

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -141.393+/-0.050 χ^2/NDF : 44804.3/17

Left: -142.334+/-0.035 χ^2/NDF : 121189.5/37

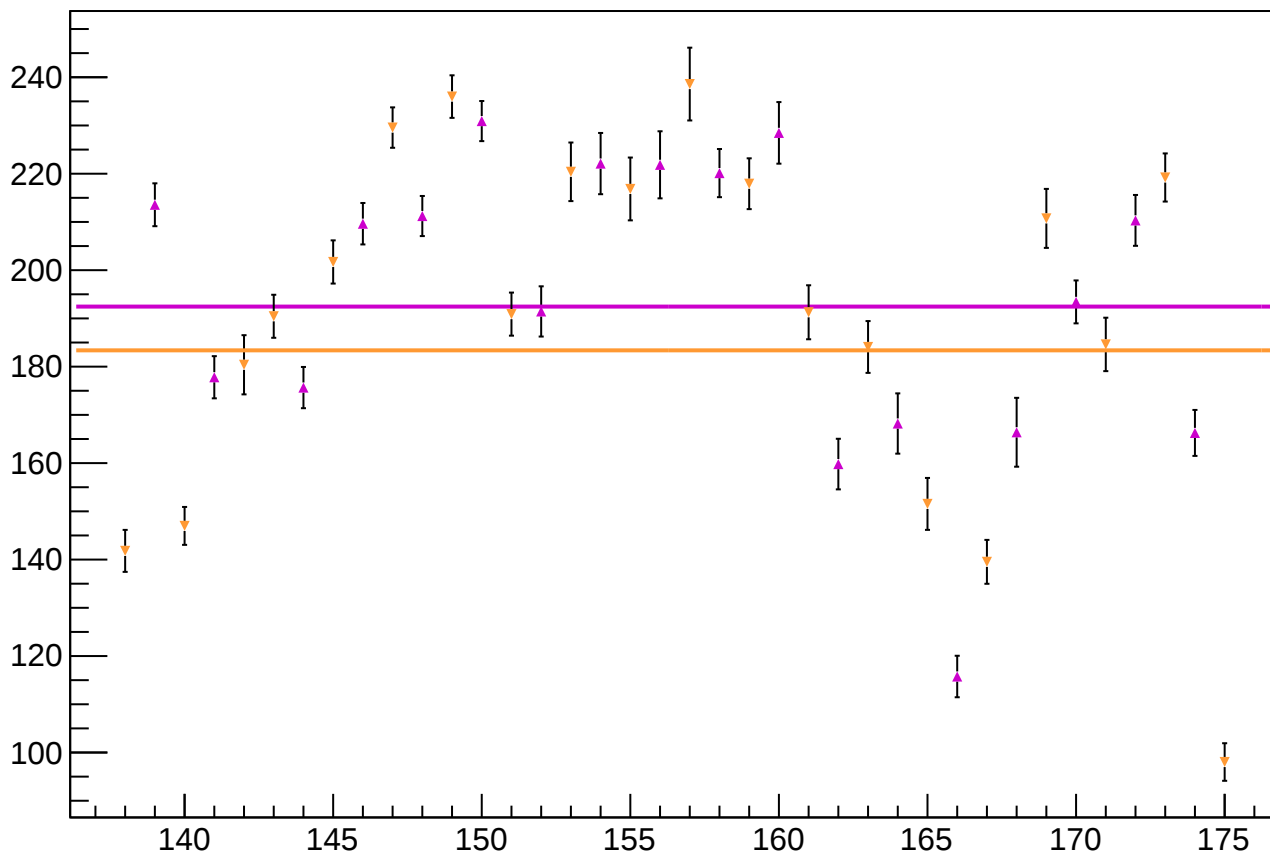
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.968+/-0.044 χ^2/NDF : 231289.3/34

Out: -136.134+/-0.042 χ^2/NDF : 314541.6/37

All: -137.021+/-0.030 χ^2/NDF : 546737.6/72

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 183.379 $\pm$ 1.103 χ^2/NDF :1304.8/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 192.452 $\pm$ 1.162 χ^2/NDF :700.2/17

Left: 187.680 $\pm$ 0.800 χ^2/NDF : 2037.1/37

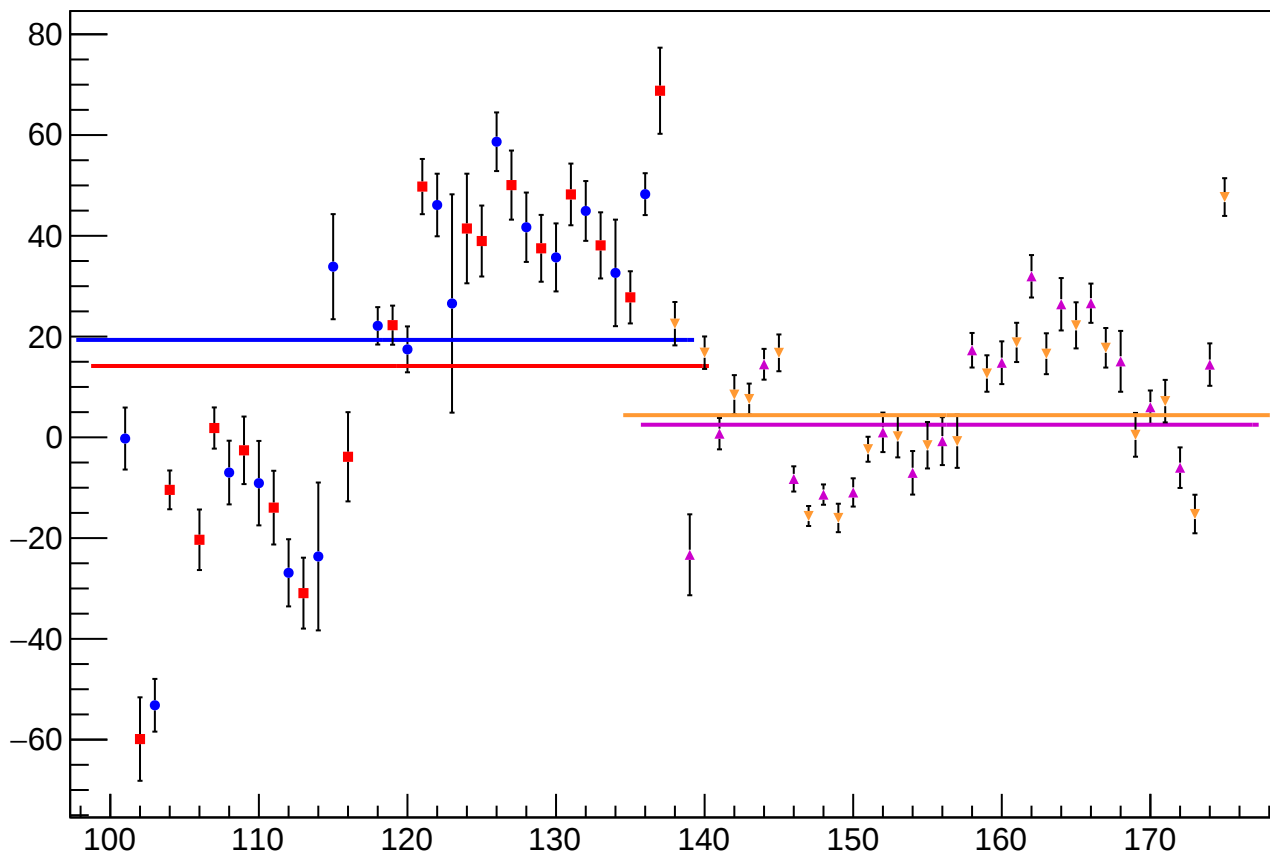
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 192.452 $\pm$ 1.162 χ^2/NDF :700.2/17

Out: 183.379 $\pm$ 1.103 χ^2/NDF :1304.8/19

All: 187.680 $\pm$ 0.800 χ^2/NDF : 2037.1/37

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 4.403 ± 0.780 $\chi^2/\text{NDF}: 427.0/19$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 2.501 ± 0.828 $\chi^2/\text{NDF}: 273.6/17$

Left: 3.510 ± 0.568 $\chi^2/\text{NDF}: 703.4/37$

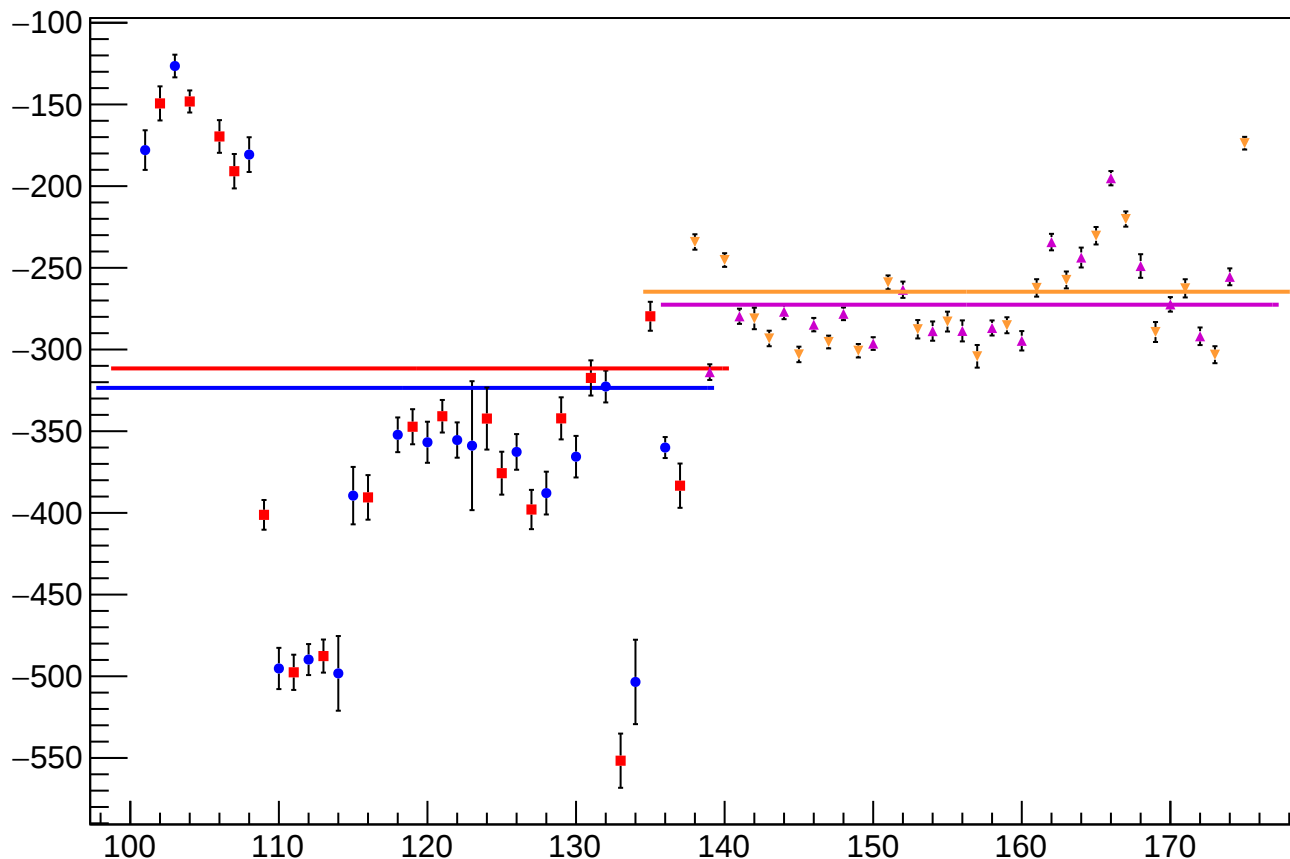
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 6.509 ± 0.723 $\chi^2/\text{NDF}: 811.7/34$

Out: 6.735 ± 0.680 $\chi^2/\text{NDF}: 890.5/37$

All: 6.629 ± 0.495 $\chi^2/\text{NDF}: 1702.3/72$

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: -264.626 $\pm$ 1.098 χ^2 /NDF:1139.5/19

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -272.572 $\pm$ 1.150 χ^2 /NDF:592.6/17

Left: -268.415 $\pm$ 0.794 χ^2 /NDF: 1757.1/37

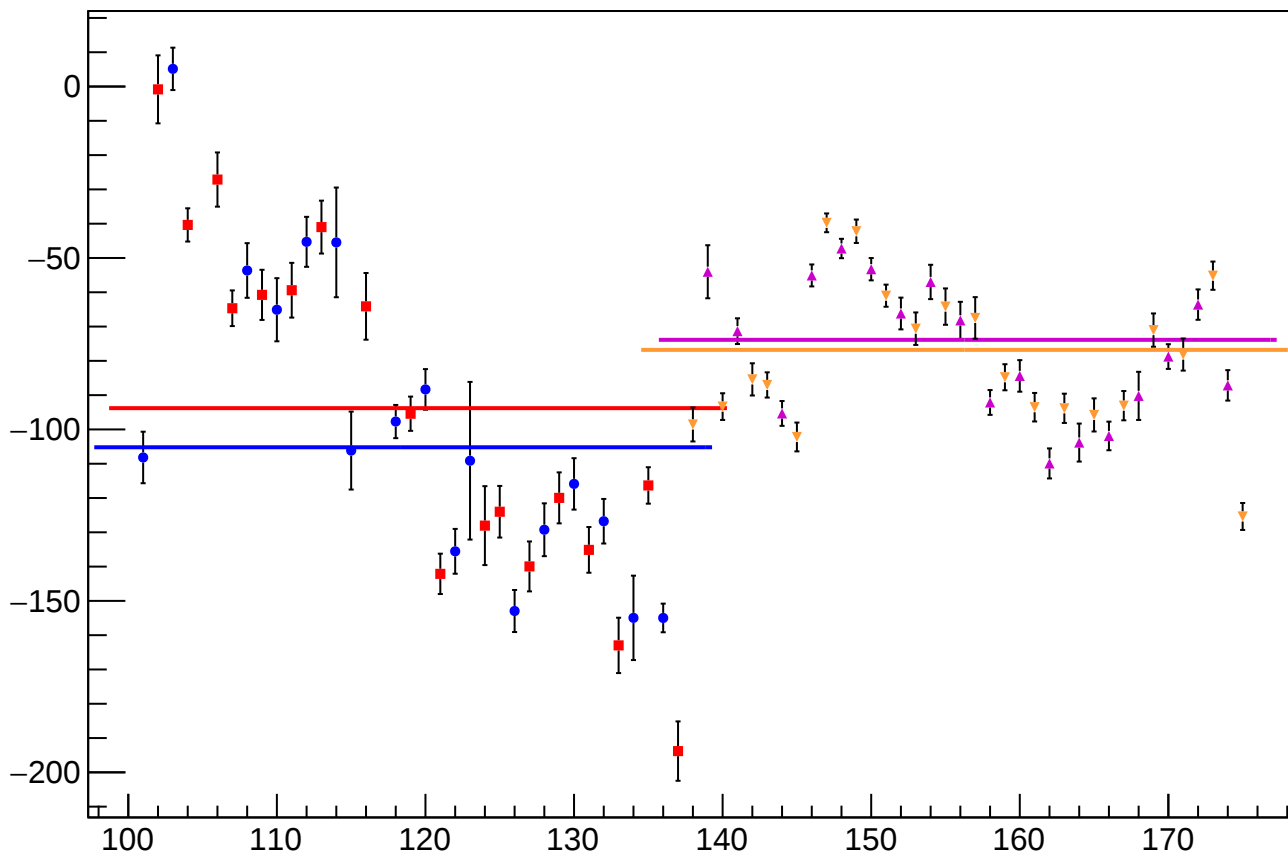
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -280.522 $\pm$ 1.056 χ^2 /NDF:2746.4/34

Out: -272.079 $\pm$ 1.007 χ^2 /NDF:3673.7/37

All: -276.099 $\pm$ 0.729 χ^2 /NDF: 6453.6/72

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: -76.799 ± 0.914 χ^2/NDF : 652.9/19

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -73.867 ± 0.968 χ^2/NDF : 415.4/17

Left: -75.417 ± 0.665 χ^2/NDF : 1073.1/37

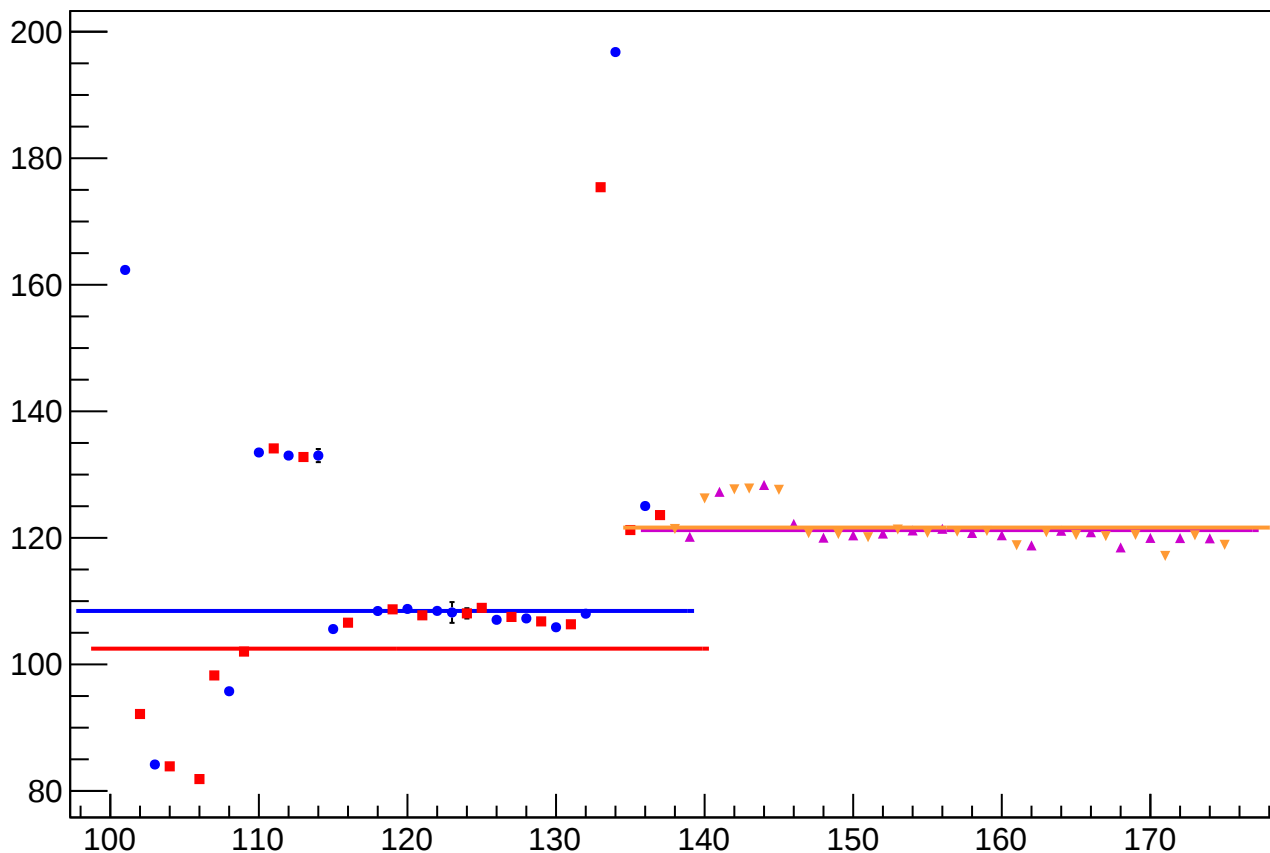
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -81.562 ± 0.841 χ^2/NDF : 1408.4/34

Out: -80.937 ± 0.795 χ^2/NDF : 1552.4/37

All: -81.232 ± 0.578 χ^2/NDF : 2961.1/72

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 ± 0.085 $\chi^2/\text{NDF}: 73265.3/16$

Left Out: 121.626 ± 0.044 $\chi^2/\text{NDF}: 4455.7/19$

Right Out: 102.490 ± 0.080 $\chi^2/\text{NDF}: 52909.2/17$

Left In: 121.227 ± 0.045 $\chi^2/\text{NDF}: 2880.9/17$

Left: 121.432 ± 0.032 $\chi^2/\text{NDF}: 7376.6/37$

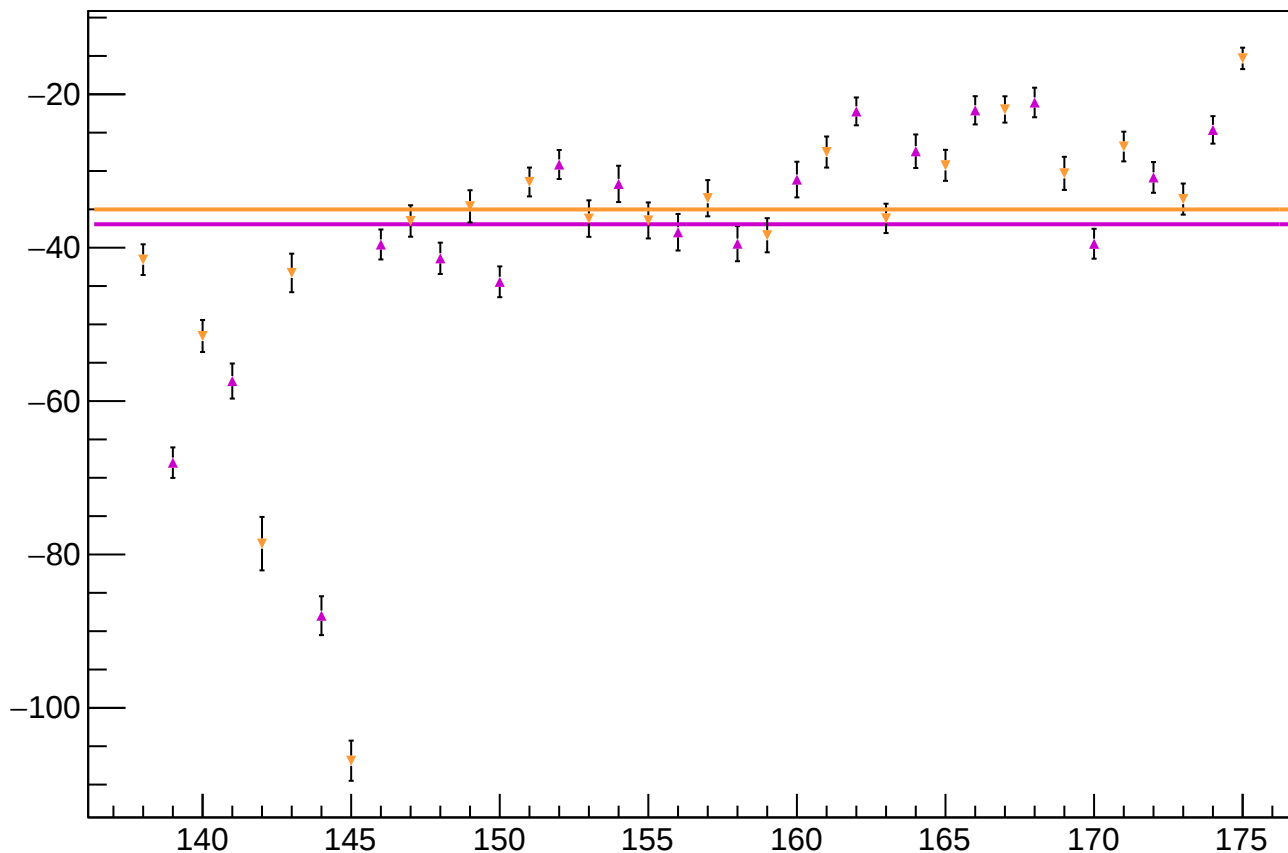
Right: 105.281 ± 0.058 $\chi^2/\text{NDF}: 128799.0/34$

In: 118.398 ± 0.040 $\chi^2/\text{NDF}: 93830.6/34$

Out: 117.136 ± 0.039 $\chi^2/\text{NDF}: 101595.6/37$

All: 117.745 ± 0.028 $\chi^2/\text{NDF}: 195943.6/72$

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -35.013 ± 0.462 χ^2/NDF :1302.6/19

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -36.945 ± 0.485 χ^2/NDF :1054.6/17

Left: -35.932 ± 0.334 χ^2/NDF : 2365.5/37

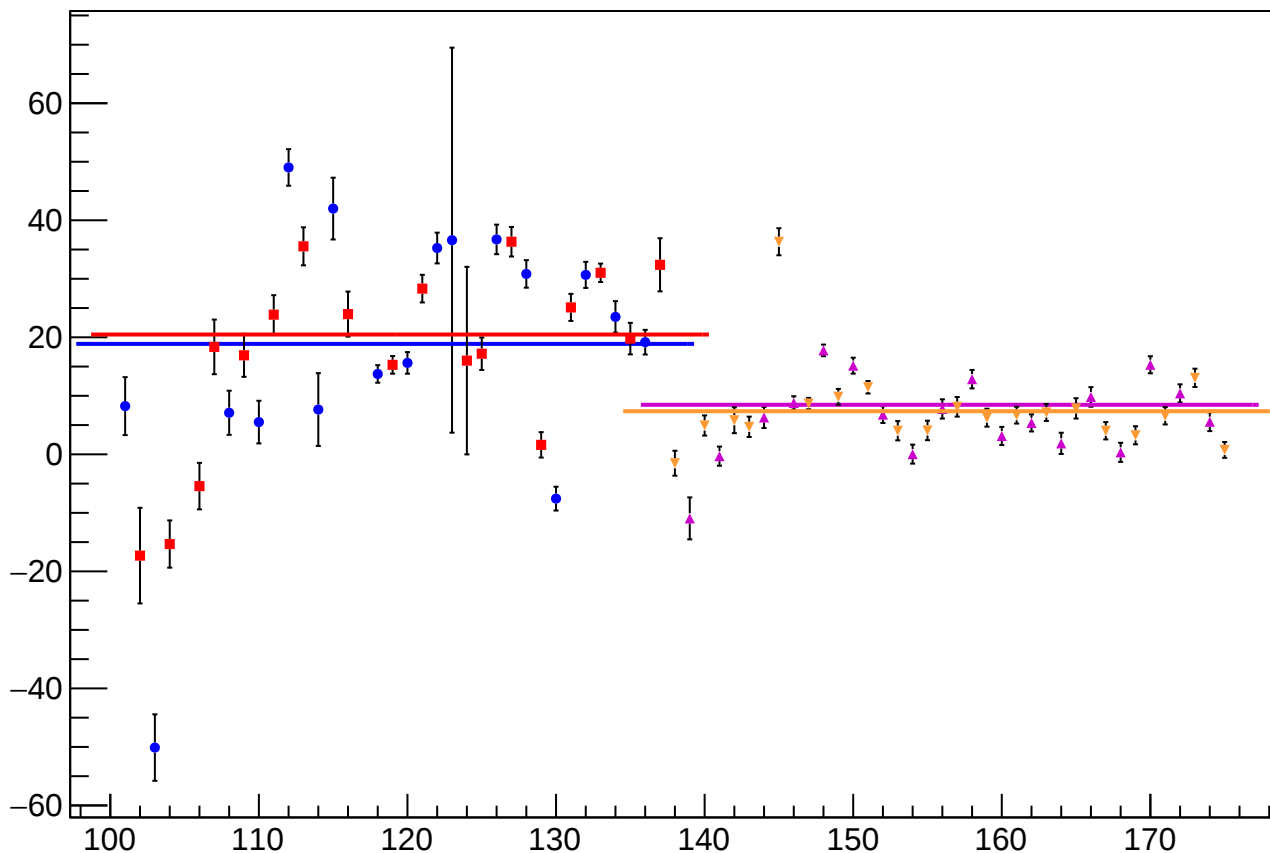
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.945 ± 0.485 χ^2/NDF :1054.6/17

Out: -35.013 ± 0.462 χ^2/NDF :1302.6/19

All: -35.932 ± 0.334 χ^2/NDF : 2365.5/37

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 7.371 ± 0.336 χ^2/NDF : 258.0/19

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 8.466 ± 0.355 χ^2/NDF : 289.4/17

Left: 7.889 ± 0.244 χ^2/NDF : 552.4/37

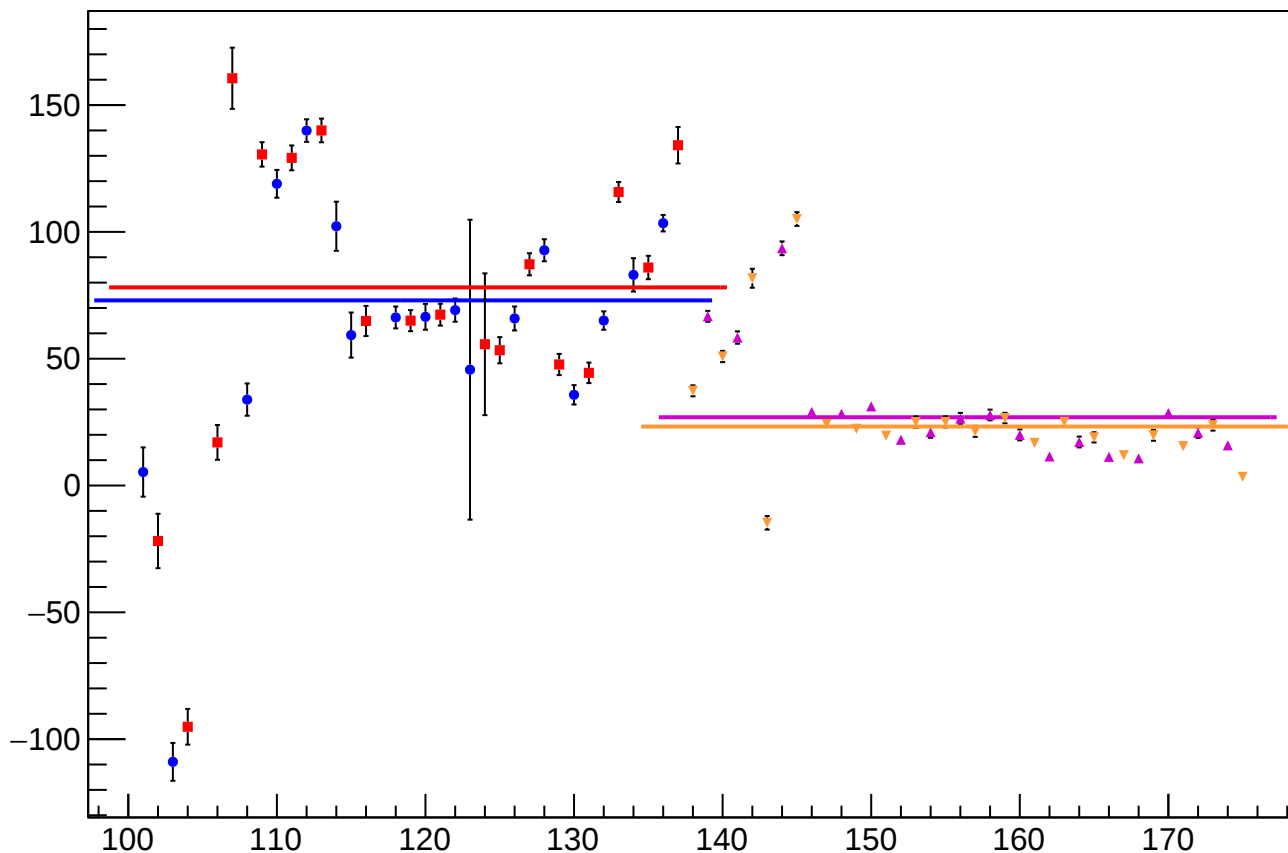
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 10.893 ± 0.311 χ^2/NDF : 1110.0/34

Out: 10.179 ± 0.298 χ^2/NDF : 946.1/37

All: 10.521 ± 0.215 χ^2/NDF : 2058.9/72

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: 23.257 ± 0.456 $\chi^2/\text{NDF}: 1845.8/19$

Right Out: 78.119 ± 1.224 $\chi^2/\text{NDF}: 1546.8/17$

Left In: 26.917 ± 0.478 $\chi^2/\text{NDF}: 1439.8/17$

Left: 25.001 ± 0.330 $\chi^2/\text{NDF}: 3316.3/37$

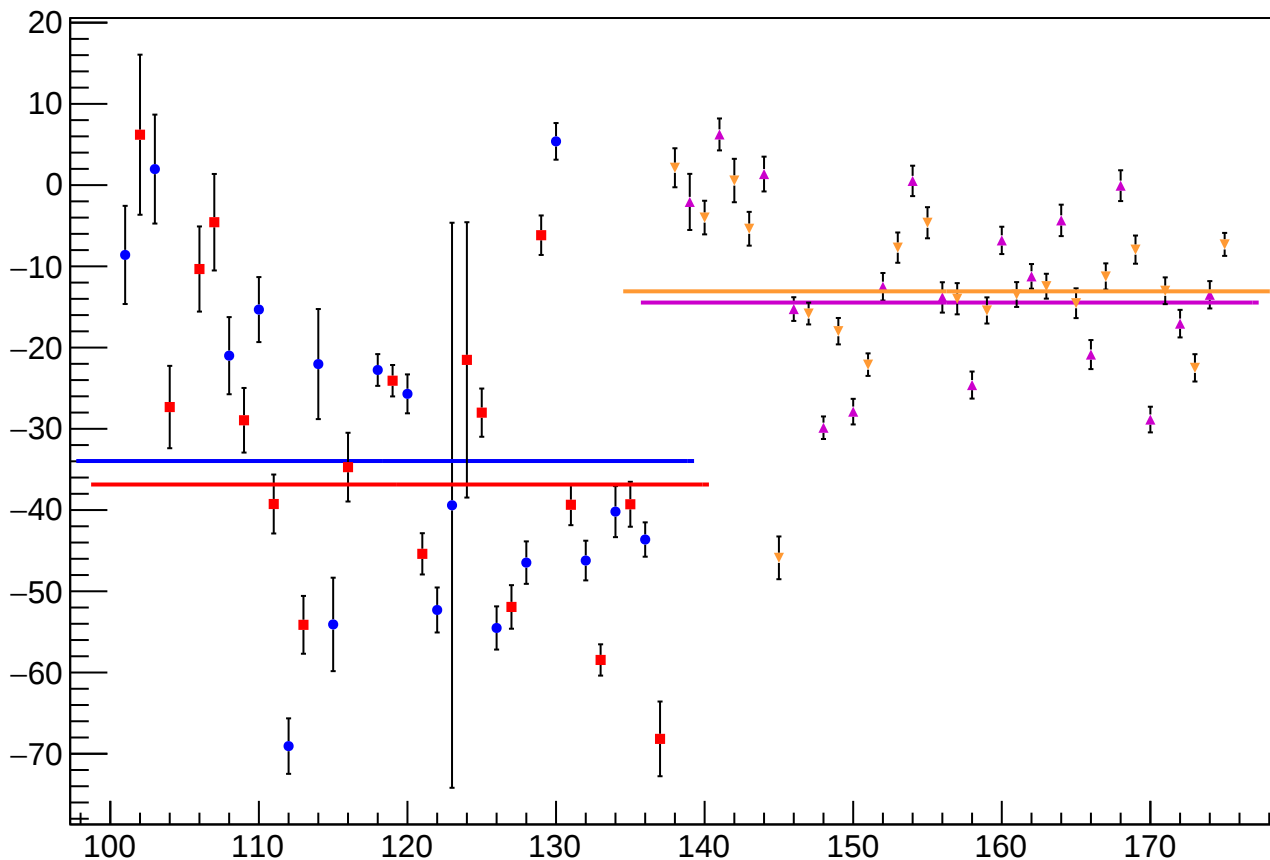
Right: 75.568 ± 0.868 $\chi^2/\text{NDF}: 2761.0/34$

In: 32.963 ± 0.446 $\chi^2/\text{NDF}: 3864.3/34$

Out: 29.943 ± 0.427 $\chi^2/\text{NDF}: 5157.2/37$

All: 31.390 ± 0.308 $\chi^2/\text{NDF}: 9045.4/72$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 $\pm$ 0.738 χ^2/NDF : 721.9/16

Left Out: -13.076 $\pm$ 0.387 χ^2/NDF : 399.3/19

Right Out: -36.856 $\pm$ 0.737 χ^2/NDF : 535.3/17

Left In: -14.457 $\pm$ 0.409 χ^2/NDF : 685.7/17

Left: -13.728 $\pm$ 0.281 χ^2/NDF : 1091.0/37

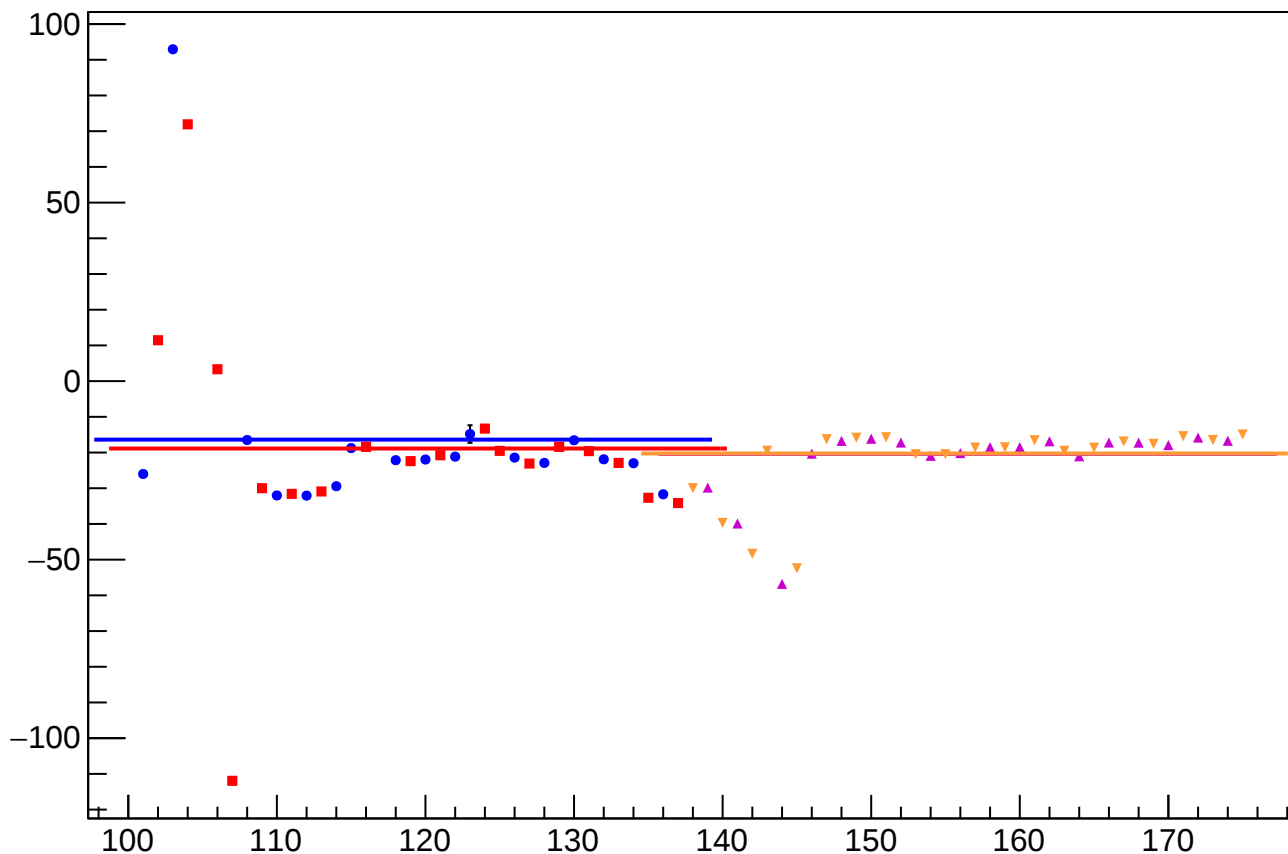
Right: -35.411 $\pm$ 0.521 χ^2/NDF : 1264.9/34

In: -19.045 $\pm$ 0.358 χ^2/NDF : 1942.6/34

Out: -18.212 $\pm$ 0.342 χ^2/NDF : 1751.0/37

All: -18.610 $\pm$ 0.247 χ^2/NDF : 3696.4/72

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -20.274 ± 0.018 $\chi^2/\text{NDF}: 208103.1/19$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -20.396 ± 0.019 $\chi^2/\text{NDF}: 170452.1/17$

Left: -20.334 ± 0.013 $\chi^2/\text{NDF}: 378577.4/37$

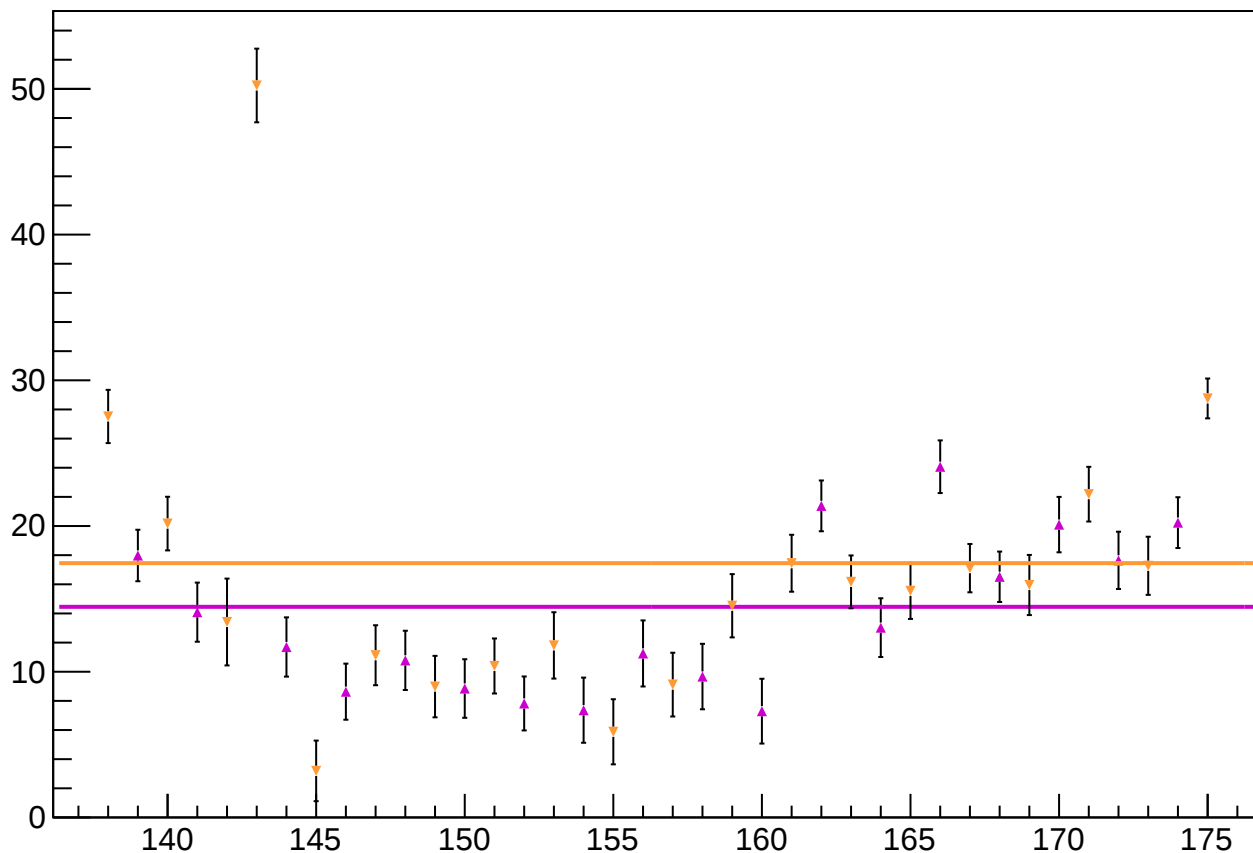
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -19.804 ± 0.017 $\chi^2/\text{NDF}: 651680.2/34$

Out: -20.082 ± 0.017 $\chi^2/\text{NDF}: 642301.3/37$

All: -19.946 ± 0.012 $\chi^2/\text{NDF}: 1294117.1/72$

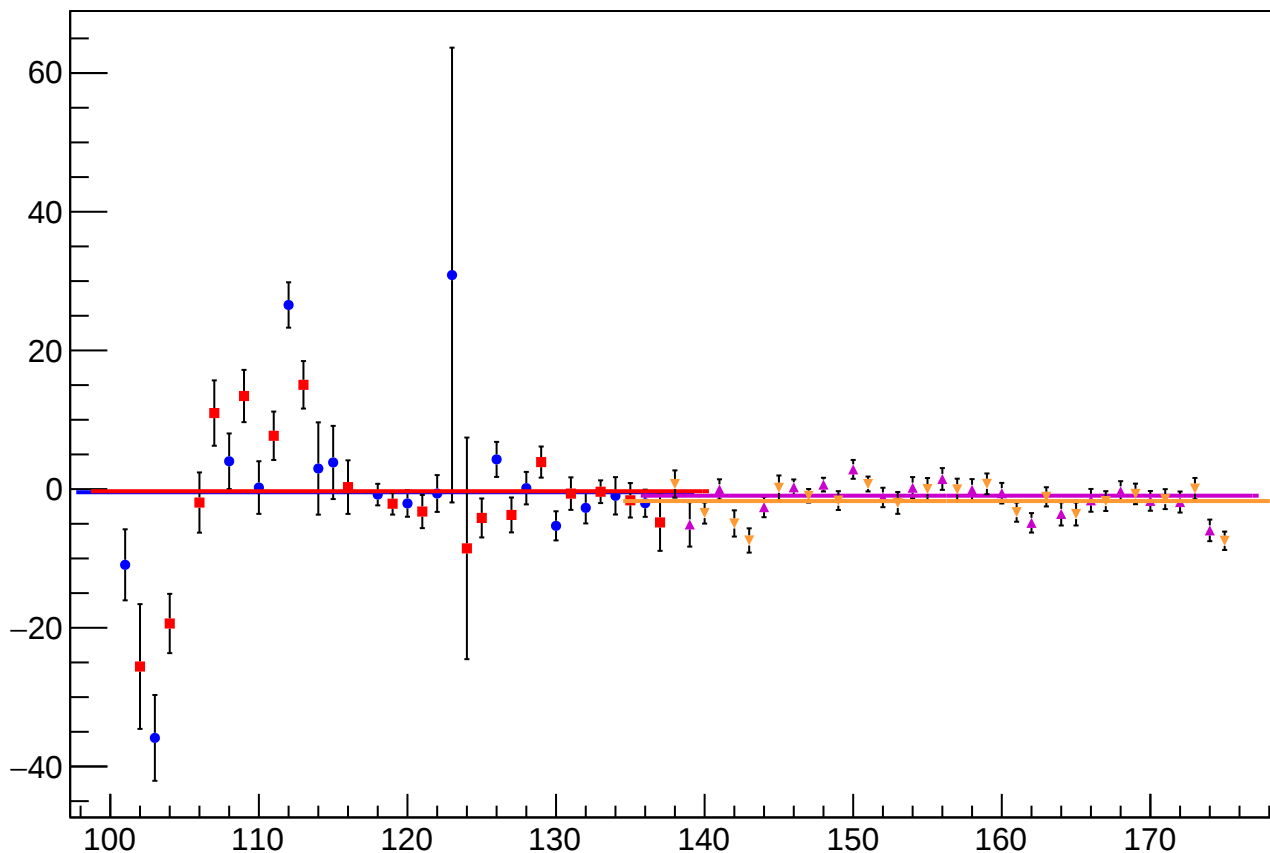
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 17.454 ± 0.440 $\chi^2/\text{NDF}: 415.2/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 14.455 ± 0.460 $\chi^2/\text{NDF}: 134.3/17$

Left: 16.019 ± 0.318 $\chi^2/\text{NDF}: 571.7/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 14.455 ± 0.460 $\chi^2/\text{NDF}: 134.3/17$
 Out: 17.454 ± 0.440 $\chi^2/\text{NDF}: 415.2/19$
 All: 16.019 ± 0.318 $\chi^2/\text{NDF}: 571.7/37$

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.723 ± 0.323 χ^2/NDF : 51.9/19

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -0.949 ± 0.340 χ^2/NDF : 39.8/17

Left: -1.356 ± 0.234 χ^2/NDF : 94.4/37

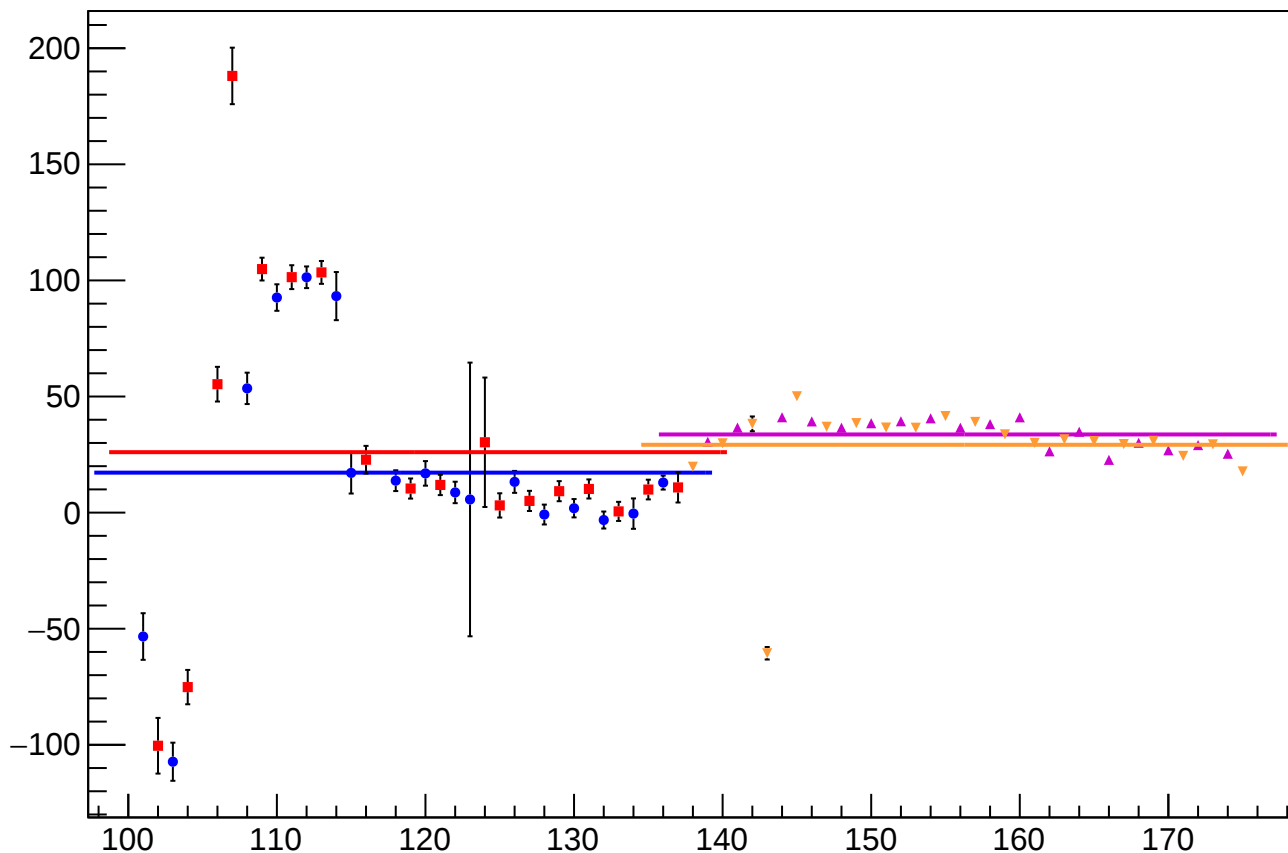
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.843 ± 0.302 χ^2/NDF : 159.8/34

Out: -1.447 ± 0.290 χ^2/NDF : 139.7/37

All: -1.157 ± 0.209 χ^2/NDF : 301.6/72

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 $\pm$ 1.241 χ^2 /NDF: 940.1/16

Left Out: 29.216 $\pm$ 0.436 χ^2 /NDF:1443.4/19

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 33.660 $\pm$ 0.455 χ^2 /NDF:171.1/17

Left: 31.345 $\pm$ 0.315 χ^2 /NDF: 1664.3/37

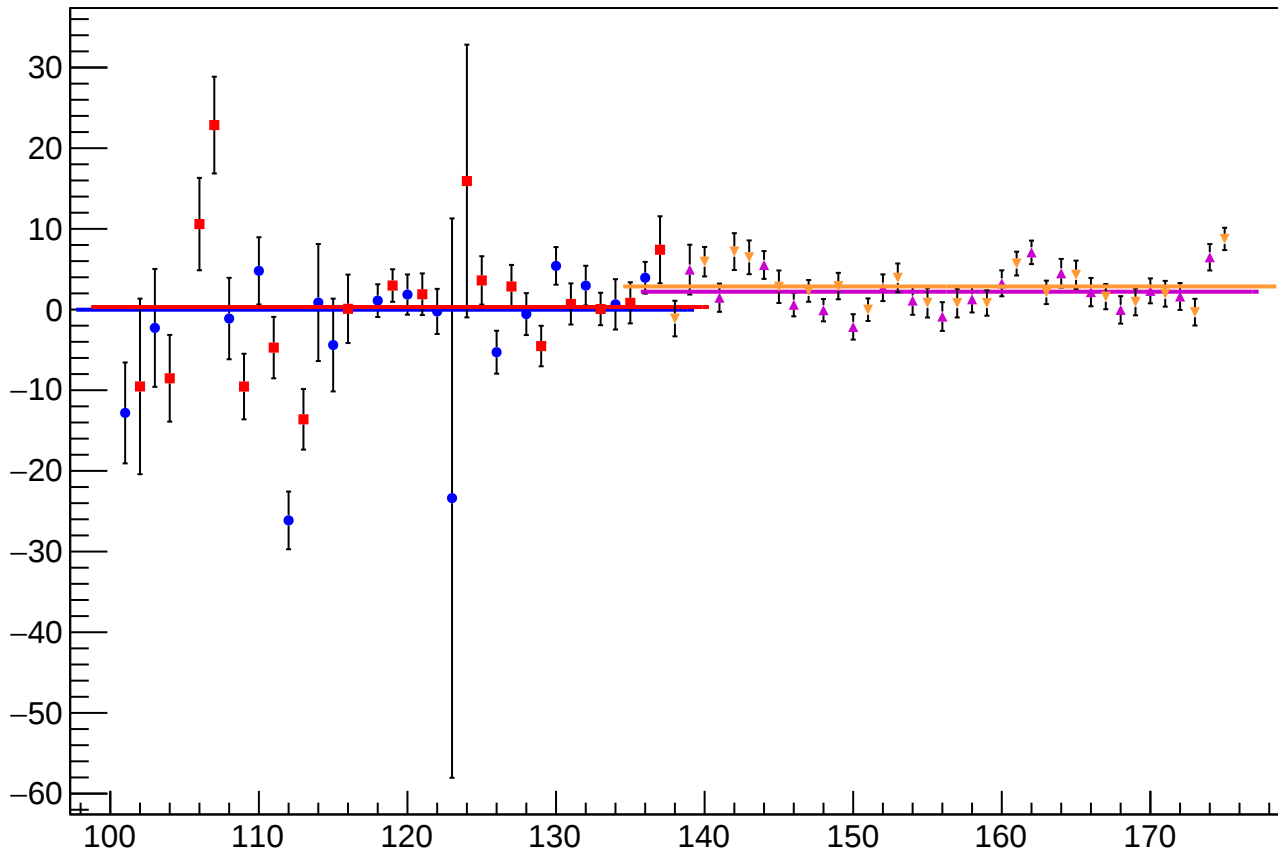
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 31.713 $\pm$ 0.427 χ^2 /NDF:1266.0/34

Out: 28.868 $\pm$ 0.412 χ^2 /NDF:2815.2/37

All: 30.238 $\pm$ 0.296 χ^2 /NDF: 4104.3/72

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.862 ± 0.371 χ^2/NDF : 50.4/19

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 2.210 ± 0.391 χ^2/NDF : 42.1/17

Left: 2.552 ± 0.269 χ^2/NDF : 94.0/37

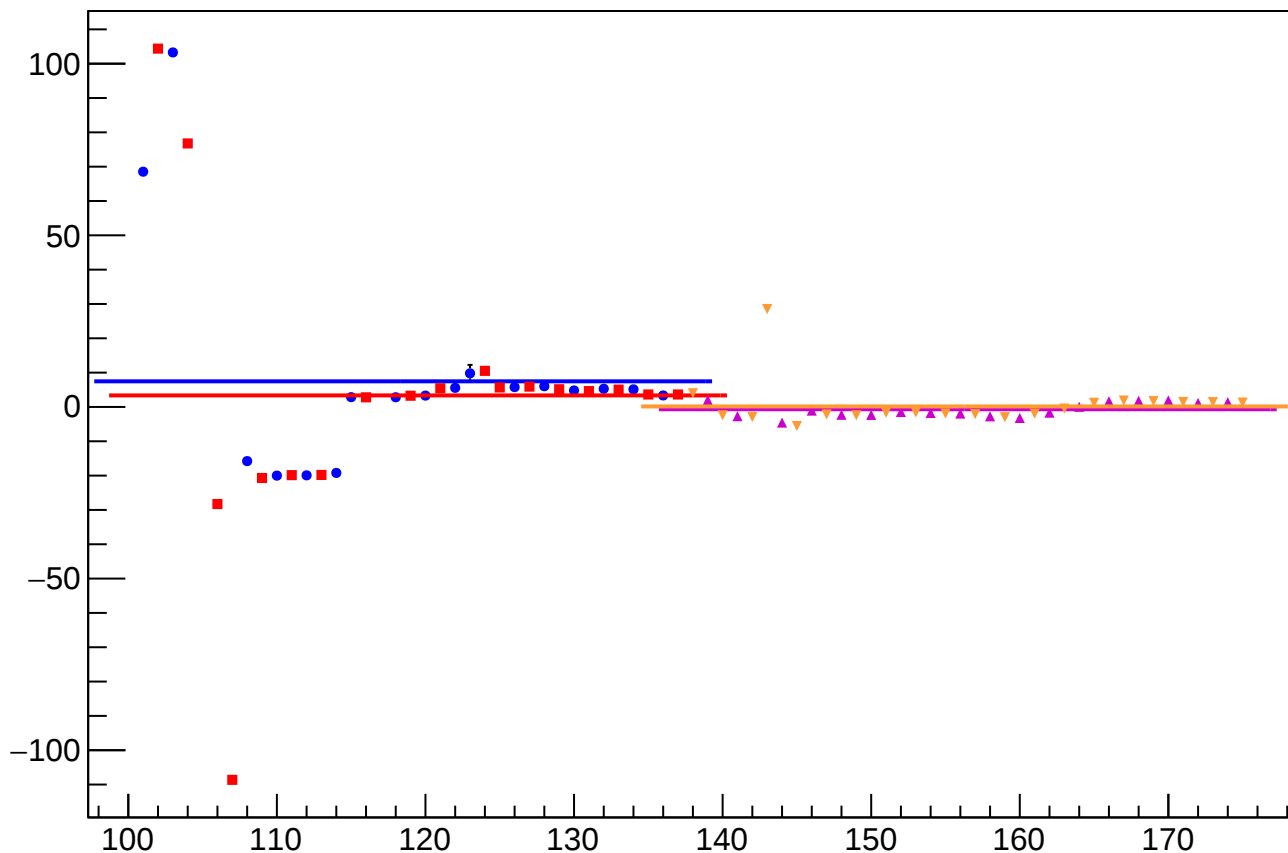
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 1.728 ± 0.346 χ^2/NDF : 124.9/34

Out: 2.359 ± 0.333 χ^2/NDF : 113.8/37

All: 2.056 ± 0.240 χ^2/NDF : 240.5/72

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: 0.151 $\pm$ 0.017 χ^2 /NDF: 86782.1/19

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -0.667 $\pm$ 0.018 χ^2 /NDF: 12630.4/17

Left: -0.248 $\pm$ 0.012 χ^2 /NDF: 100516.8/37

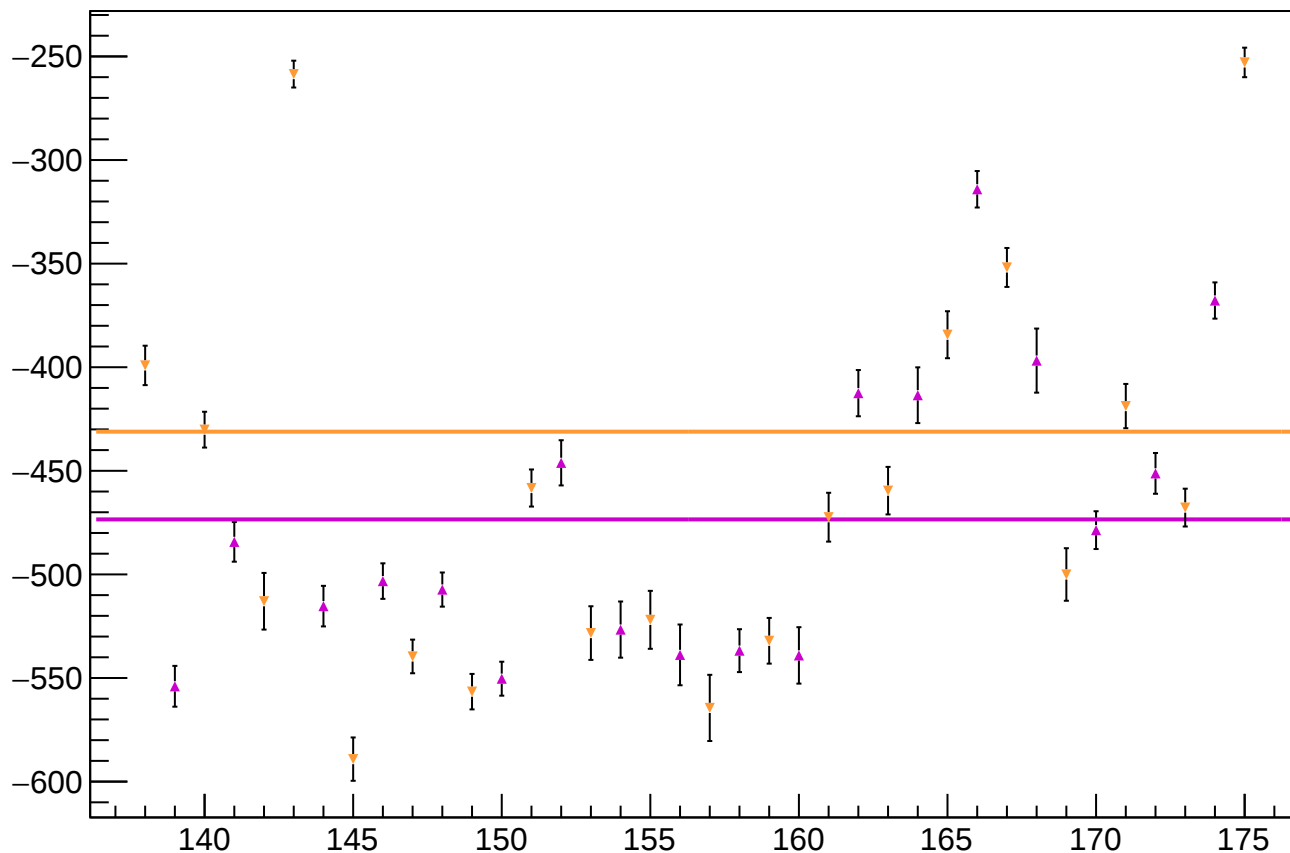
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.435 $\pm$ 0.016 χ^2 /NDF: 397442.9/34

Out: 0.552 $\pm$ 0.016 χ^2 /NDF: 595932.9/37

All: 0.494 $\pm$ 0.011 χ^2 /NDF: 993401.5/72

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: -431.096+/-2.193 χ^2/NDF :2419.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -473.449+/-2.396 χ^2/NDF :858.6/17

Left: -450.404+/-1.618 χ^2/NDF : 3448.0/37

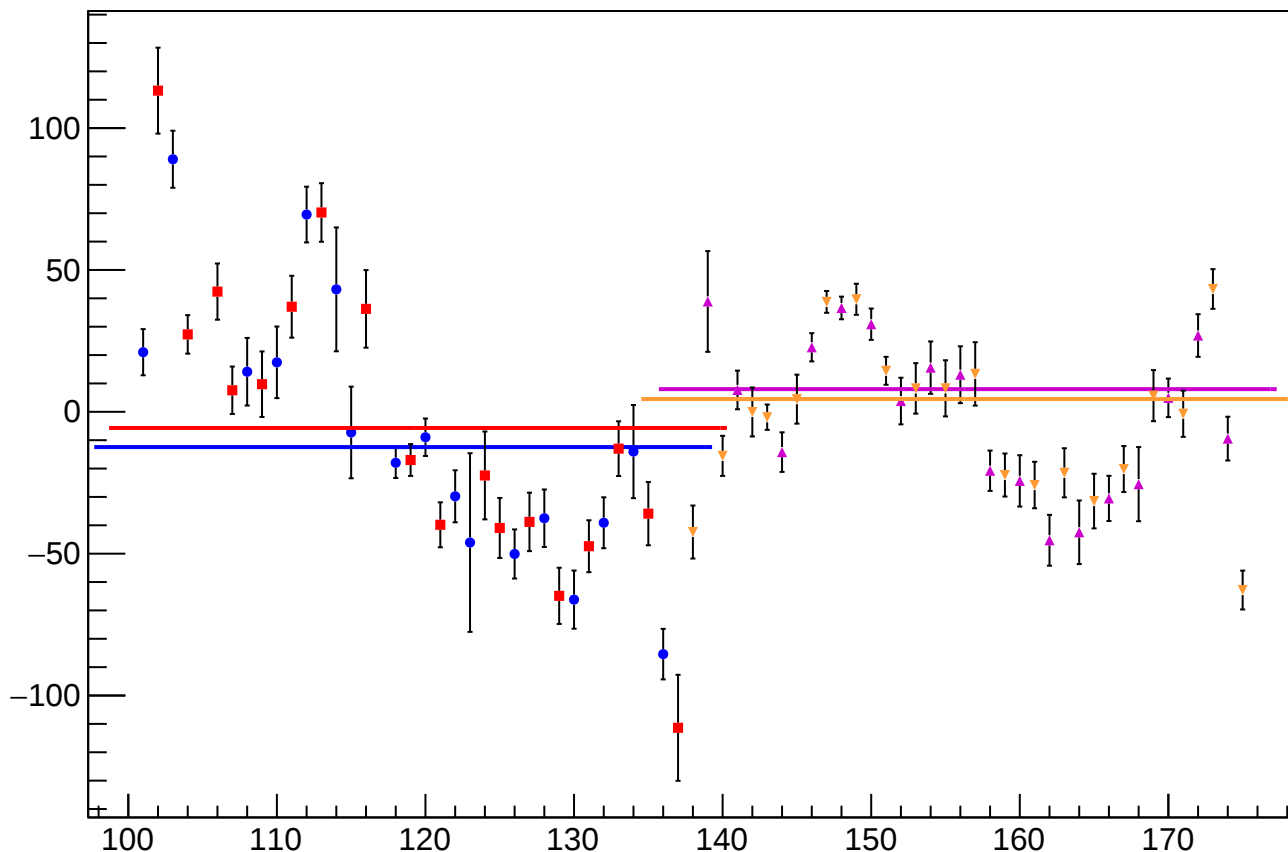
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -473.449+/-2.396 χ^2/NDF :858.6/17

Out: -431.096+/-2.193 χ^2/NDF :2419.4/19

All: -450.404+/-1.618 χ^2/NDF : 3448.0/37

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 4.500 ± 1.538 $\chi^2/\text{NDF}: 347.3/19$

Right Out: -5.686 ± 2.263 $\chi^2/\text{NDF}: 333.7/17$

Left In: 7.992 ± 1.695 $\chi^2/\text{NDF}: 218.0/17$

Left: 6.077 ± 1.139 $\chi^2/\text{NDF}: 567.7/37$

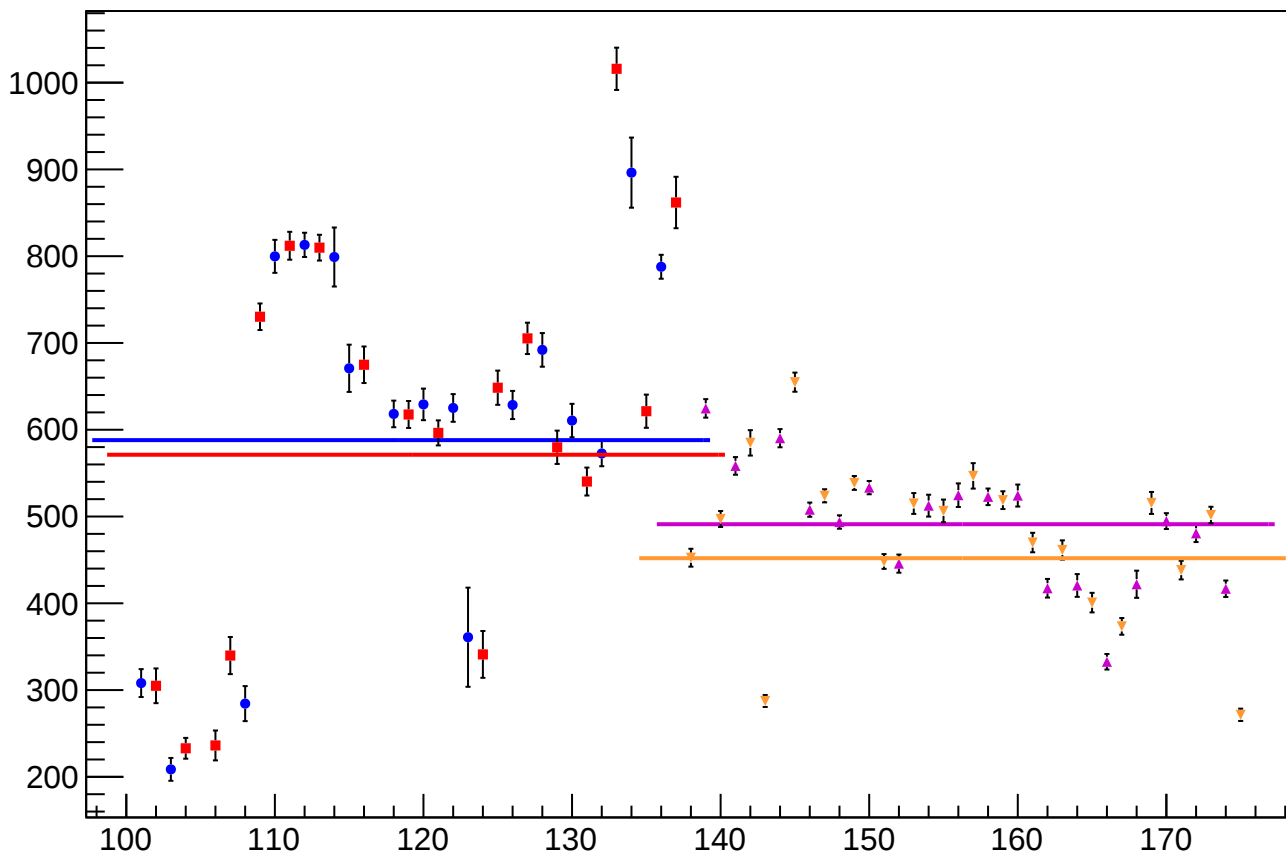
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: 0.864 ± 1.368 $\chi^2/\text{NDF}: 608.9/34$

Out: 1.280 ± 1.272 $\chi^2/\text{NDF}: 694.8/37$

All: 1.087 ± 0.932 $\chi^2/\text{NDF}: 1303.8/72$

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: 451.961 $\pm$ 2.186 χ^2 /NDF:2138.7/19

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 491.122 $\pm$ 2.368 χ^2 /NDF:840.6/17

Left: 469.974 $\pm$ 1.606 χ^2 /NDF: 3127.0/37

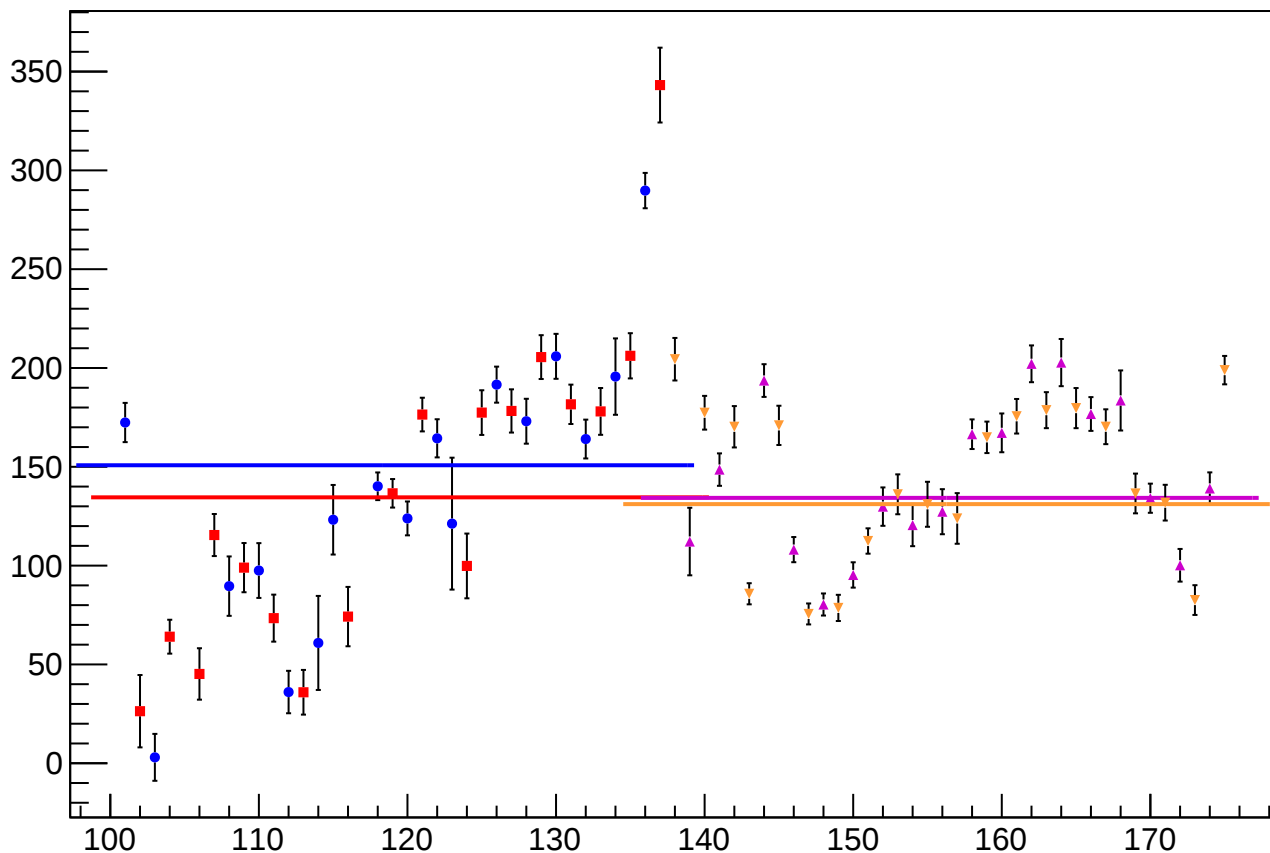
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 513.446 $\pm$ 2.078 χ^2 /NDF:3354.1/34

Out: 477.848 $\pm$ 1.934 χ^2 /NDF:5465.1/37

All: 494.373 $\pm$ 1.416 χ^2 /NDF: 8976.5/72

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 131.120 $\pm$ 1.809 χ^2 /NDF:604.0/19

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 134.280 $\pm$ 1.985 χ^2 /NDF:374.0/17

Left: 132.554 $\pm$ 1.337 χ^2 /NDF: 979.4/37

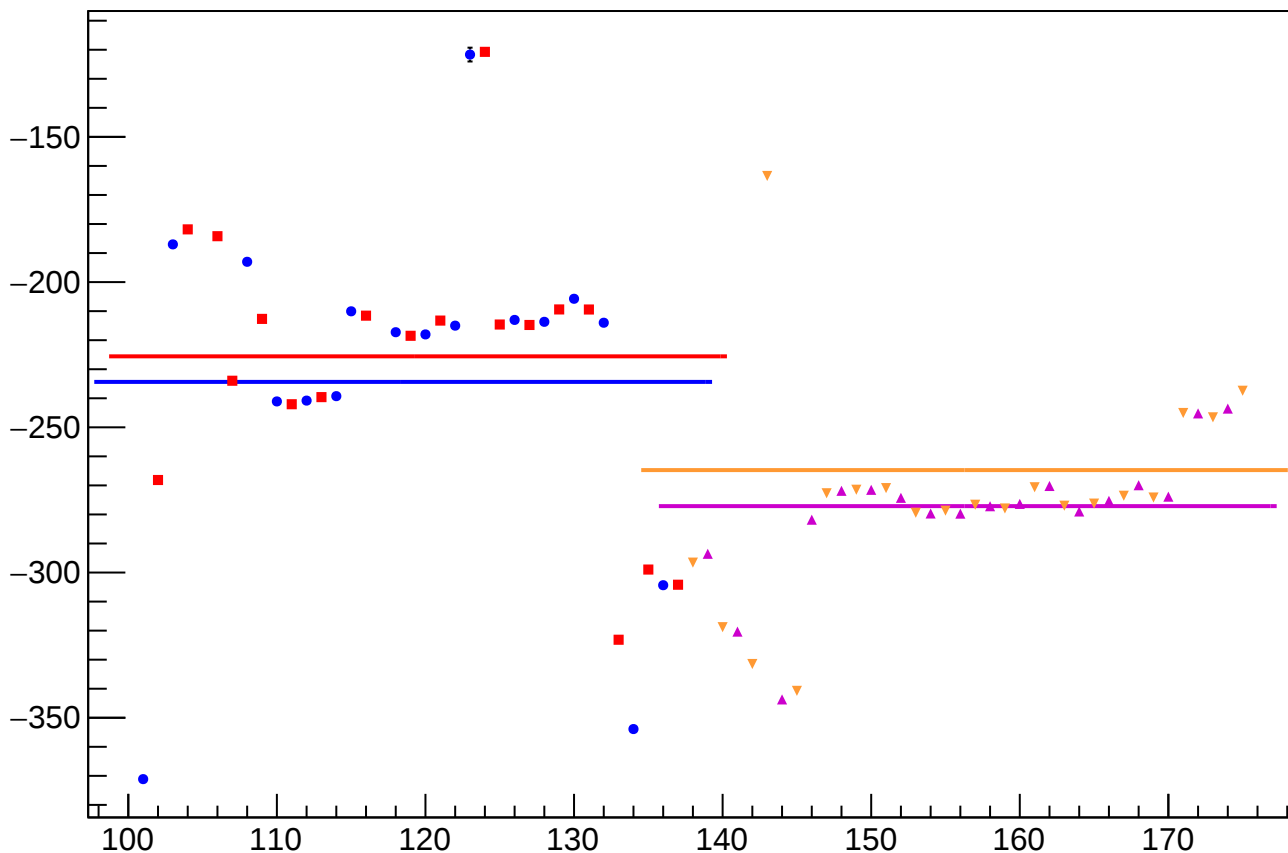
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 140.127 $\pm$ 1.595 χ^2 /NDF:1031.6/34

Out: 132.228 $\pm$ 1.489 χ^2 /NDF:1181.4/37

All: 135.906 $\pm$ 1.088 χ^2 /NDF: 2226.2/72

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -264.728 ± 0.088 $\chi^2/\text{NDF}: 219368.9/19$

Right Out: -225.561 ± 0.142 $\chi^2/\text{NDF}: 92955.0/17$

Left In: -277.132 ± 0.093 $\chi^2/\text{NDF}: 52766.6/17$

Left: -270.590 ± 0.064 $\chi^2/\text{NDF}: 281483.8/37$

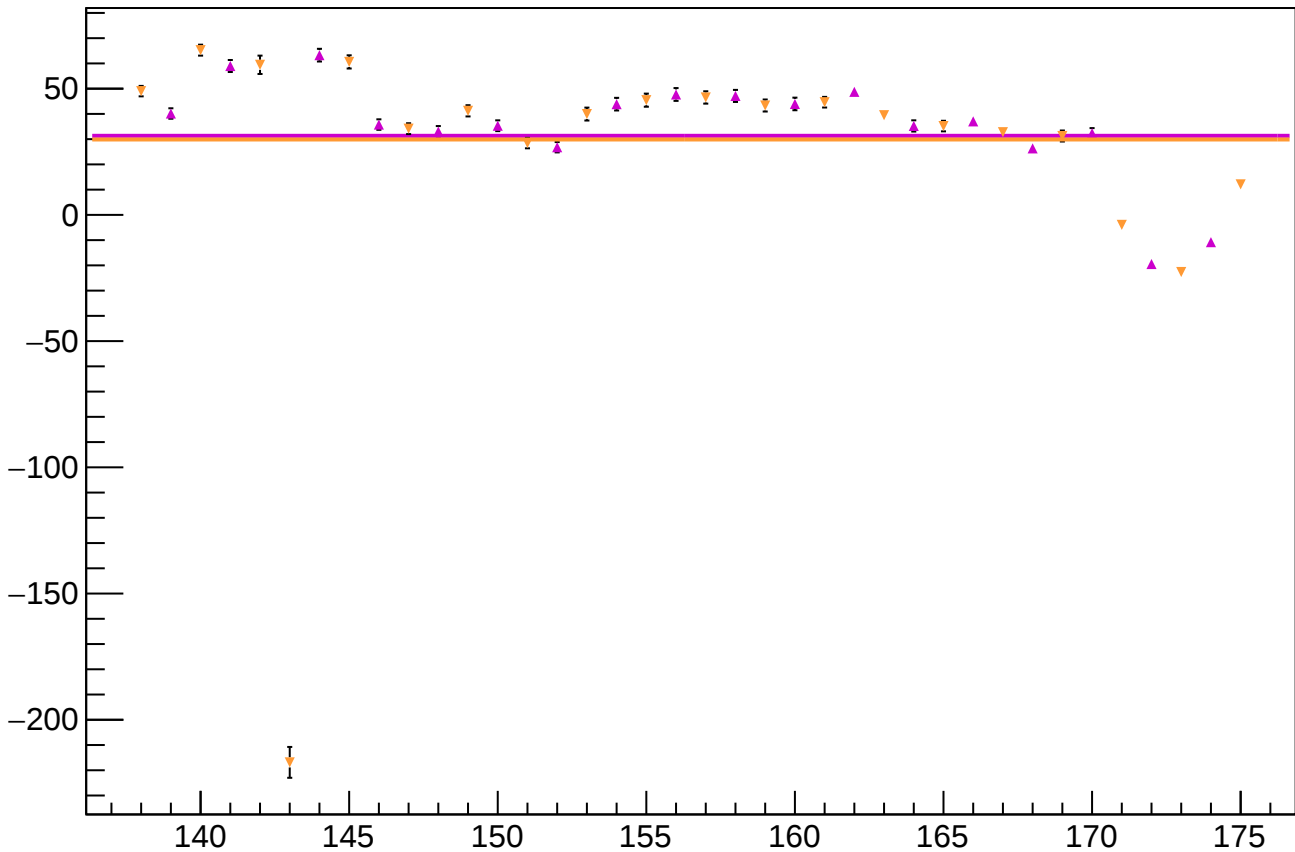
Right: -229.762 ± 0.103 $\chi^2/\text{NDF}: 239949.0/34$

In: -265.049 ± 0.079 $\chi^2/\text{NDF}: 257466.3/34$

Out: -253.816 ± 0.075 $\chi^2/\text{NDF}: 367263.2/37$

All: -259.140 ± 0.054 $\chi^2/\text{NDF}: 635386.7/72$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 29.867+/-0.484 χ^2/NDF :3635.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.327+/-0.499 χ^2/NDF :1883.9/17

Left: 30.575+/-0.348 χ^2/NDF : 5523.5/37

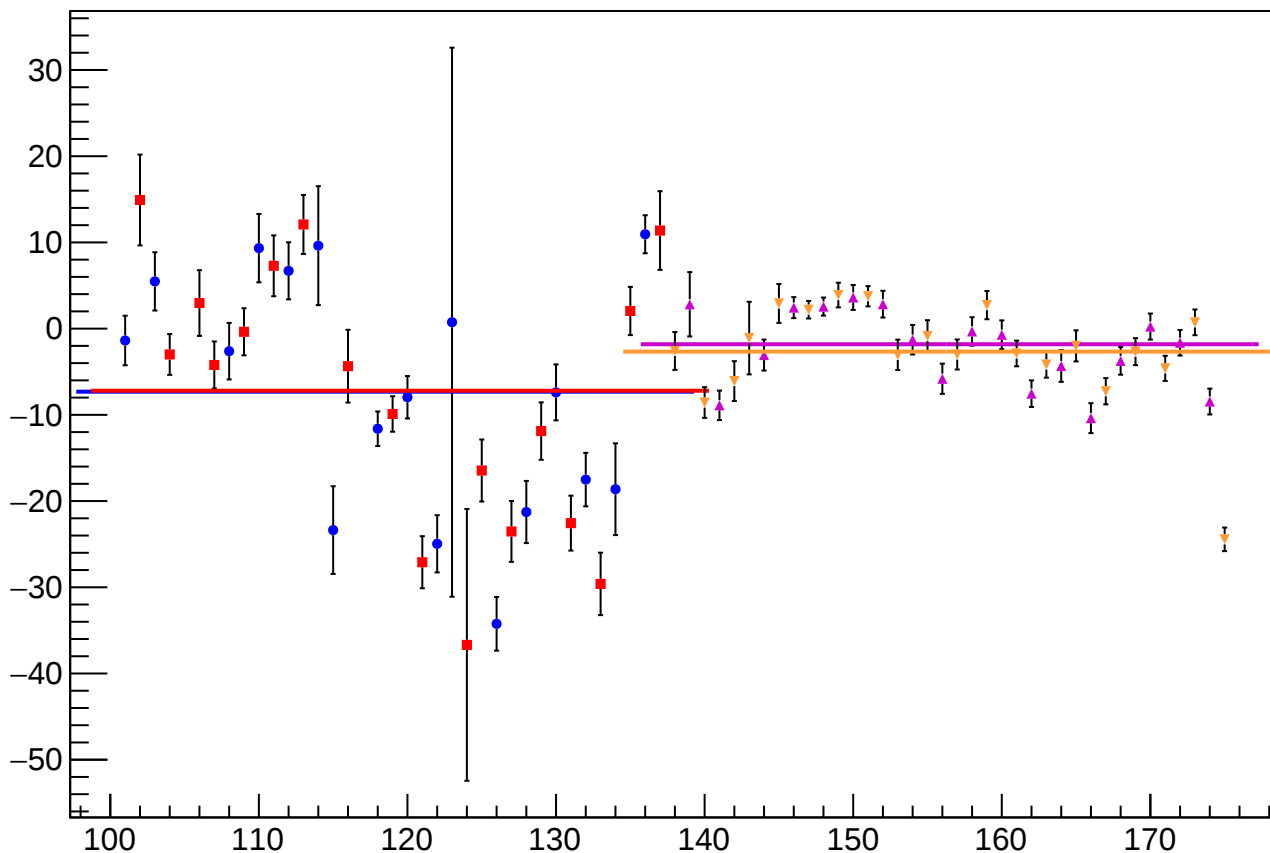
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.327+/-0.499 χ^2/NDF :1883.9/17

Out: 29.867+/-0.484 χ^2/NDF :3635.1/19

All: 30.575+/-0.348 χ^2/NDF : 5523.5/37

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 $\chi^2/\text{NDF}: 279.1/16$

Left Out: -2.664 ± 0.355 $\chi^2/\text{NDF}: 374.9/19$

Right Out: -7.202 ± 0.762 $\chi^2/\text{NDF}: 252.1/17$

Left In: -1.810 ± 0.368 $\chi^2/\text{NDF}: 141.6/17$

Left: -2.253 ± 0.256 $\chi^2/\text{NDF}: 519.4/37$

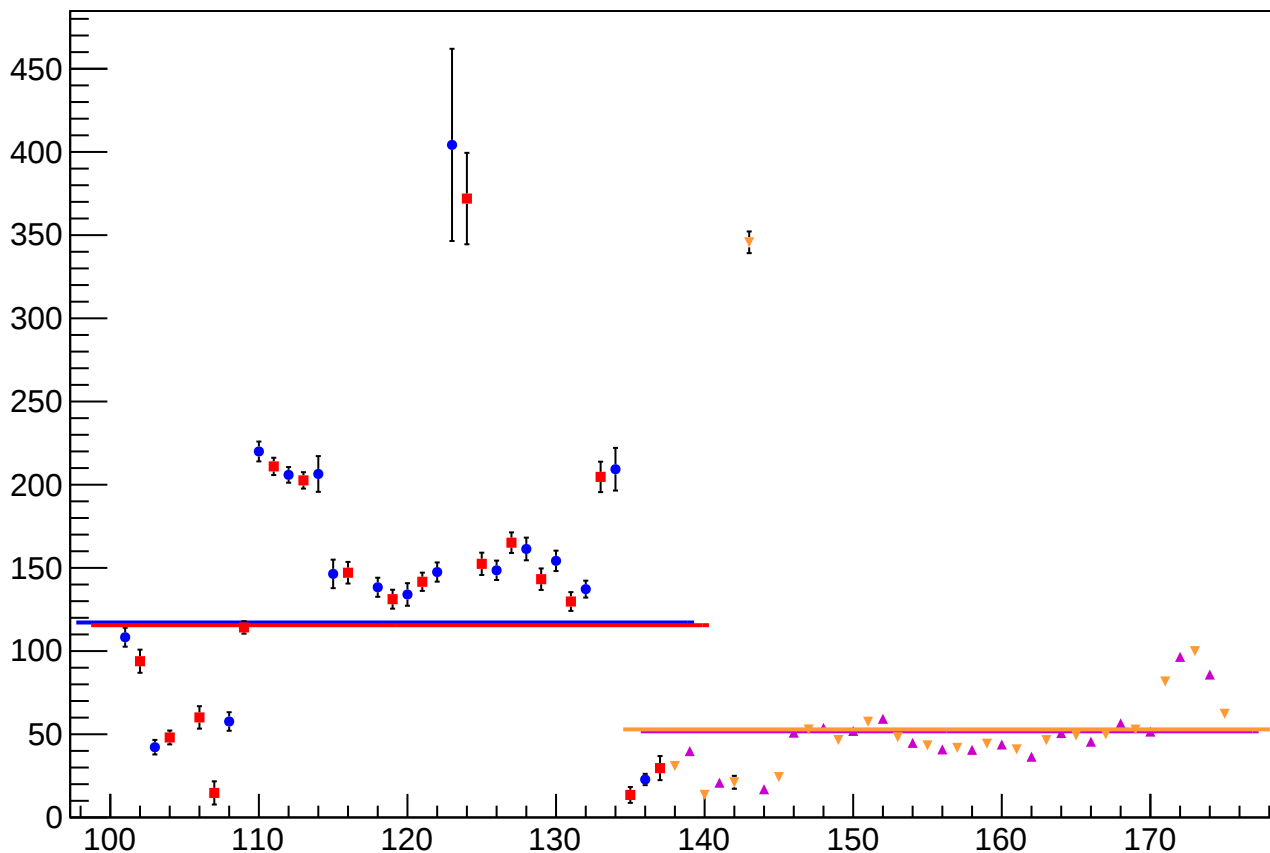
Right: -7.256 ± 0.545 $\chi^2/\text{NDF}: 531.2/34$

In: -2.812 ± 0.333 $\chi^2/\text{NDF}: 461.4/34$

Out: -3.474 ± 0.322 $\chi^2/\text{NDF}: 656.2/37$

All: -3.154 ± 0.231 $\chi^2/\text{NDF}: 1119.7/72$

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 $\pm$ 1.411 χ^2 /NDF: 2159.6/16

Left Out: 52.928 $\pm$ 0.478 χ^2 /NDF:3520.4/19

Right Out: 115.556 $\pm$ 1.363 χ^2 /NDF: 2149.2/17

Left In: 51.766 $\pm$ 0.494 χ^2 /NDF:1376.3/17

Left: 52.366 $\pm$ 0.344 χ^2 /NDF: 4899.5/37

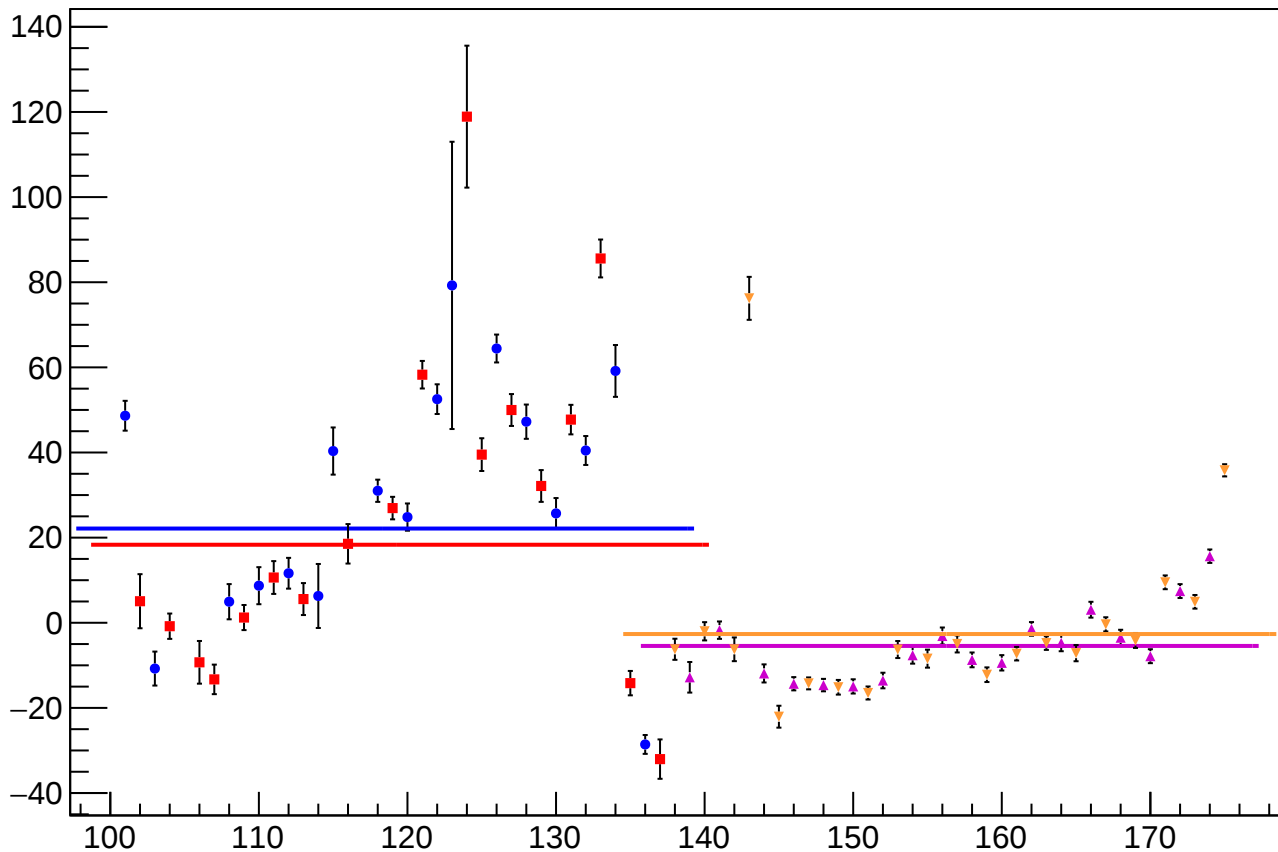
Right: 116.338 $\pm$ 0.981 χ^2 /NDF: 4309.5/34

In: 58.899 $\pm$ 0.466 χ^2 /NDF:5449.6/34

Out: 59.791 $\pm$ 0.451 χ^2 /NDF:7549.0/37

All: 59.360 $\pm$ 0.324 χ^2 /NDF: 13000.5/72

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: -2.648 $\pm$ 0.407 χ^2 /NDF:1366.9/19

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -5.443 $\pm$ 0.423 χ^2 /NDF:422.8/17

Left: -3.992 $\pm$ 0.293 χ^2 /NDF: 1812.3/37

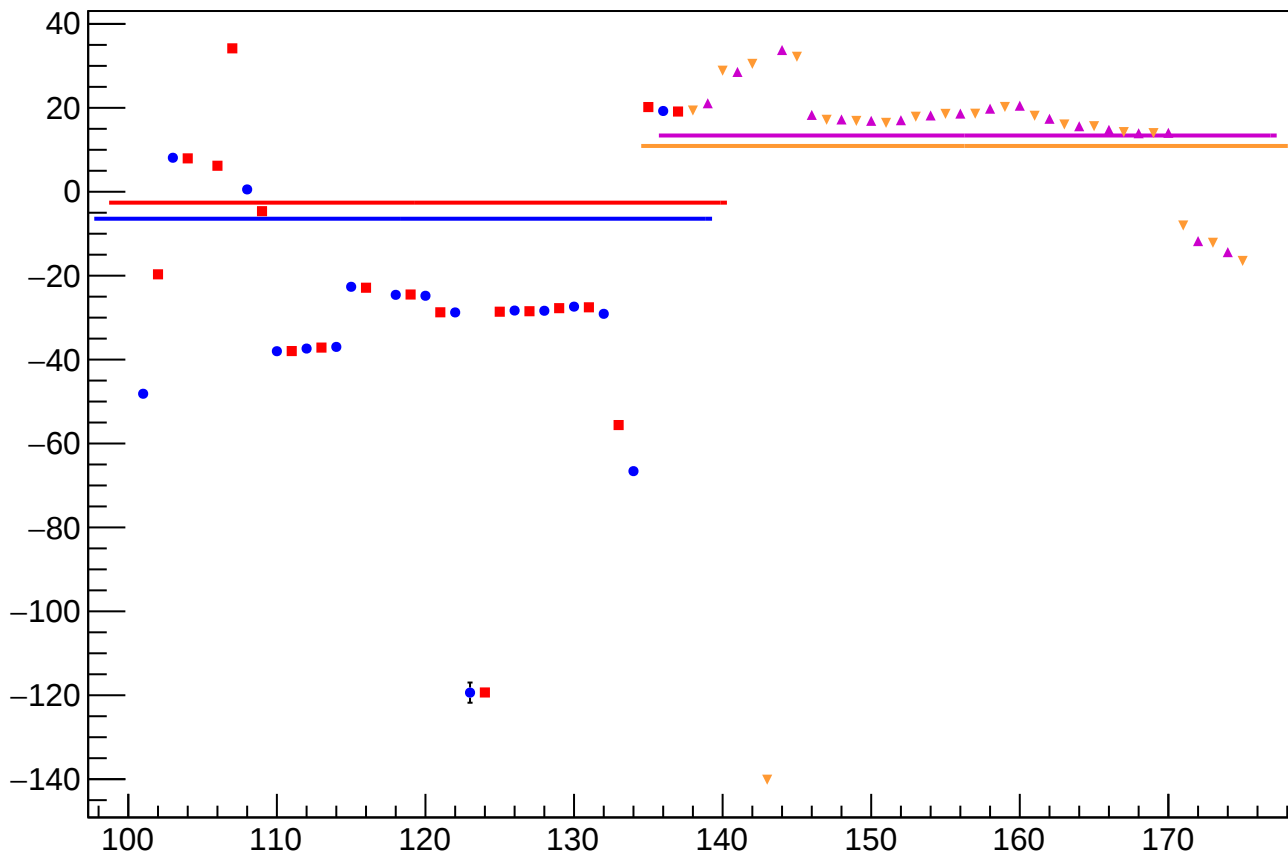
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: -0.375 $\pm$ 0.382 χ^2 /NDF:2268.6/34

Out: 1.105 $\pm$ 0.369 χ^2 /NDF:2912.5/37

All: 0.391 $\pm$ 0.265 χ^2 /NDF: 5188.9/72

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: 10.914+/-0.019 χ^2/NDF :837287.1/19

Right Out: -2.597+/-0.046 χ^2/NDF : 263579.4/17

Left In: 13.406+/-0.019 χ^2/NDF :397836.7/17

Left: 12.147+/-0.013 χ^2/NDF : 1243726.9/37

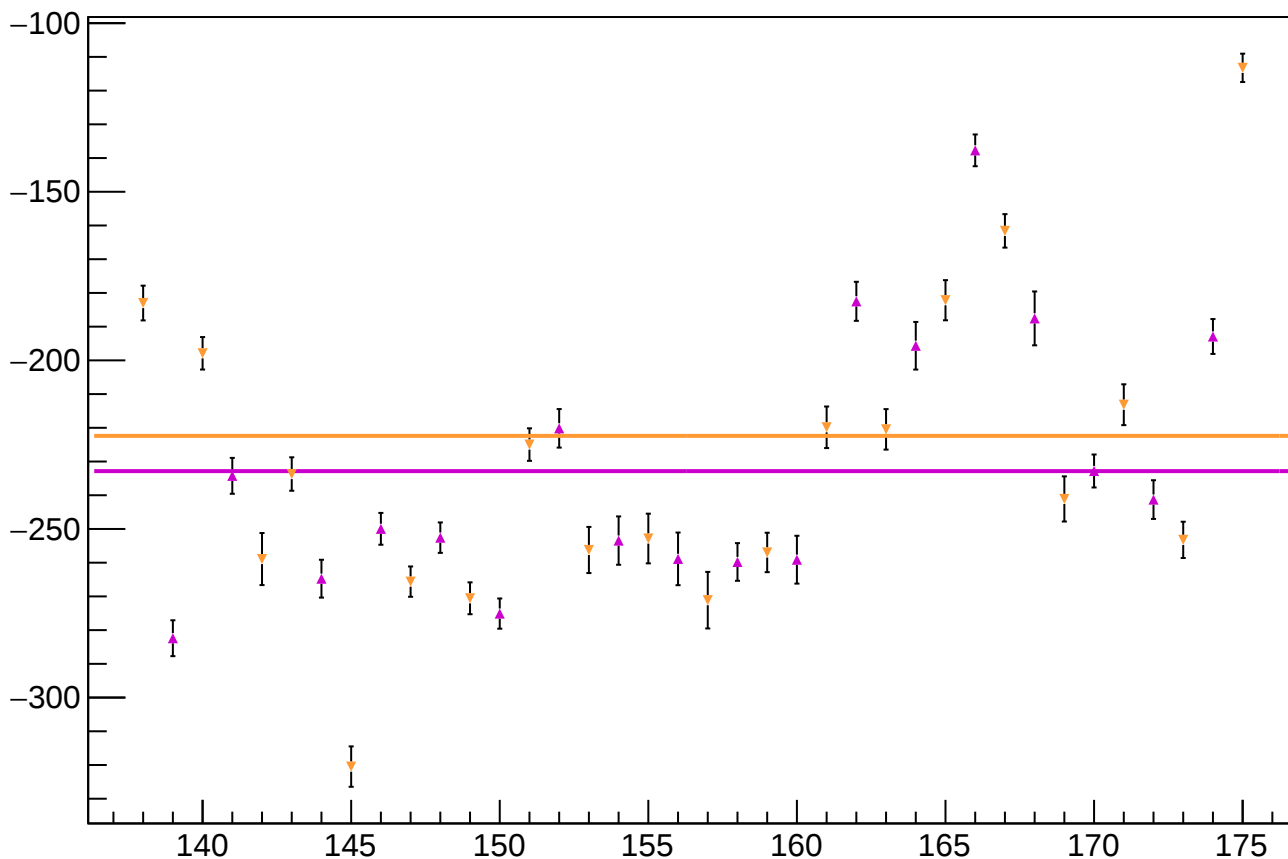
Right: -4.494+/-0.033 χ^2/NDF : 532217.8/34

In: 10.513+/-0.018 χ^2/NDF :820337.6/34

Out: 8.946+/-0.017 χ^2/NDF :1175301.6/37

All: 9.721+/-0.012 χ^2/NDF : 1999617.7/72

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: -222.393+/-1.240 χ^2/NDF :1599.0/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -232.845+/-1.308 χ^2/NDF :906.3/17

Left: -227.342+/-0.900 χ^2/NDF : 2538.9/37

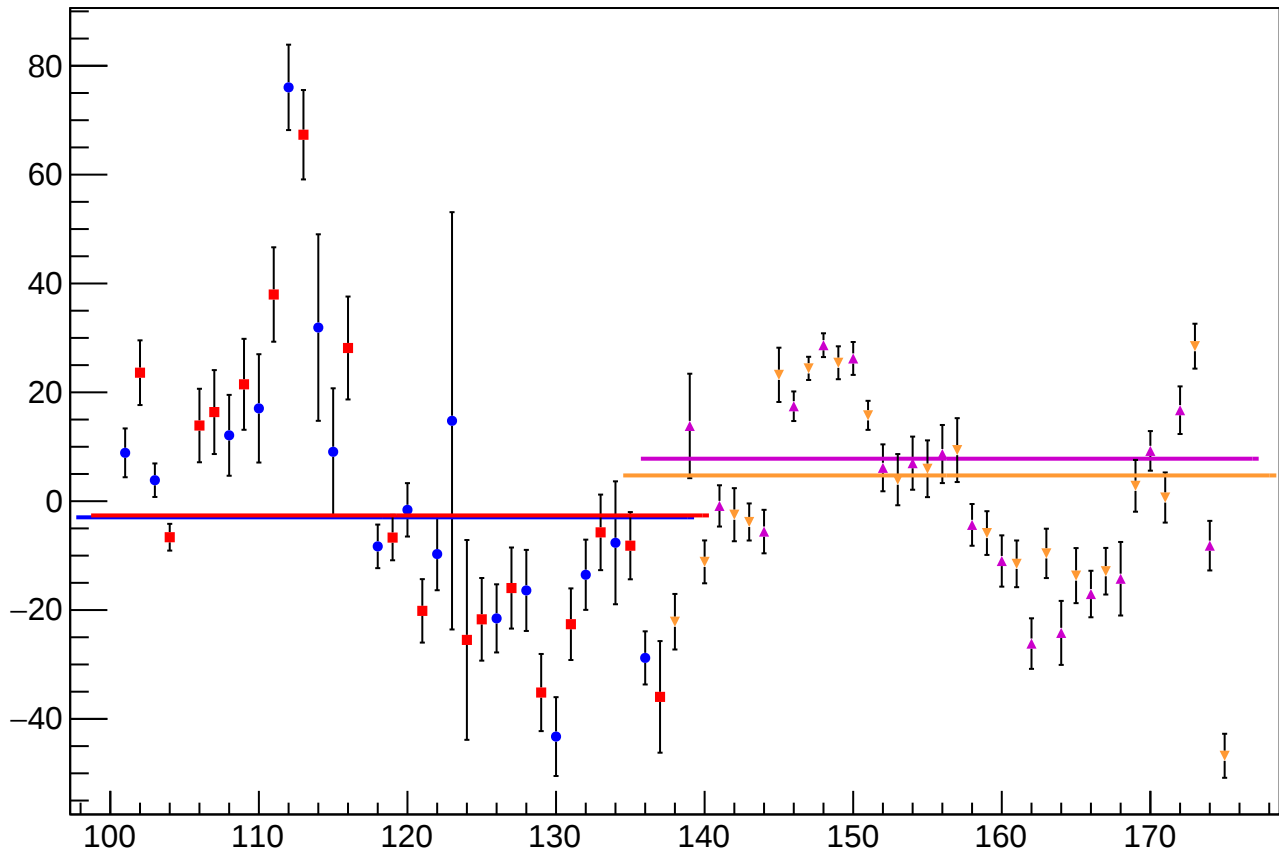
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -232.845+/-1.308 χ^2/NDF :906.3/17

Out: -222.393+/-1.240 χ^2/NDF :1599.0/19

All: -227.342+/-0.900 χ^2/NDF : 2538.9/37

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 4.732 ± 0.870 $\chi^2/\text{NDF}: 473.8/19$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 7.806 ± 0.925 $\chi^2/\text{NDF}: 328.0/17$

Left: 6.174 ± 0.634 $\chi^2/\text{NDF}: 807.6/37$

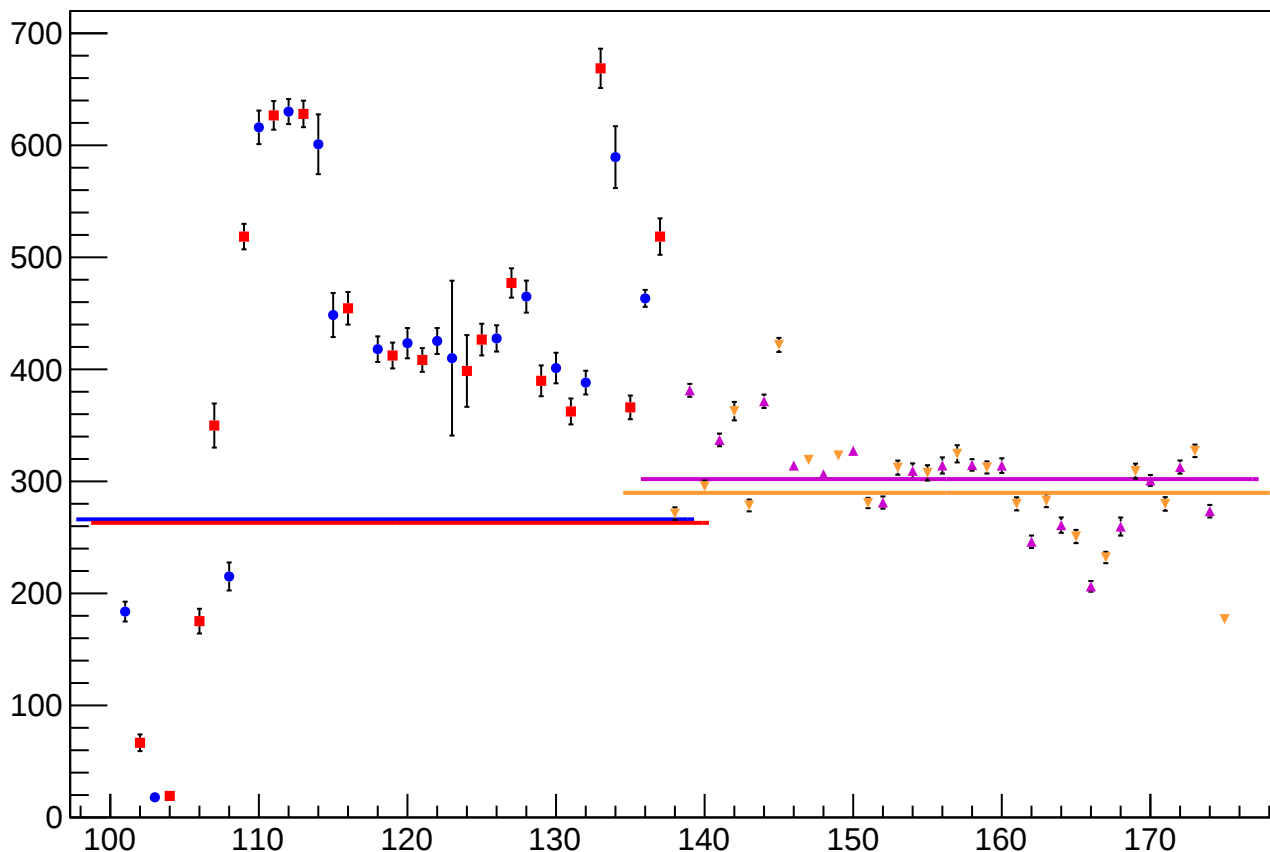
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 4.699 ± 0.780 $\chi^2/\text{NDF}: 570.6/34$

Out: 2.684 ± 0.739 $\chi^2/\text{NDF}: 704.2/37$

All: 3.636 ± 0.536 $\chi^2/\text{NDF}: 1278.3/72$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 289.755 $\pm$ 1.229 χ^2 /NDF:1655.8/19

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 302.057 $\pm$ 1.289 χ^2 /NDF:1025.6/17

Left: 295.612 $\pm$ 0.890 χ^2 /NDF: 2729.1/37

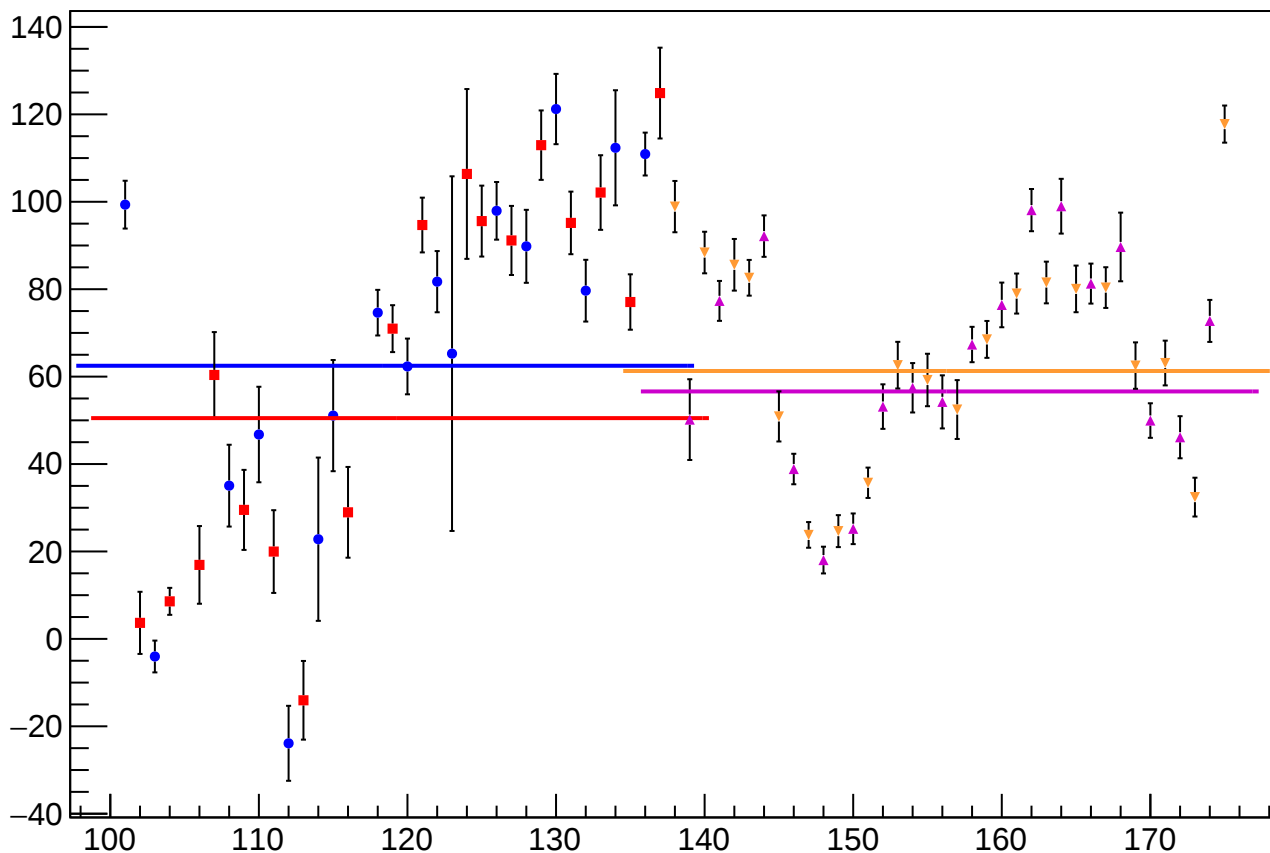
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 294.409 $\pm$ 1.144 χ^2 /NDF:8835.0/34

Out: 284.433 $\pm$ 1.100 χ^2 /NDF:9922.1/37

All: 289.226 $\pm$ 0.793 χ^2 /NDF: 18796.5/72

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 61.288 ± 1.021 $\chi^2/\text{NDF}: 724.9/19$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 56.610 ± 1.082 $\chi^2/\text{NDF}: 550.3/17$

Left: 59.085 ± 0.743 $\chi^2/\text{NDF}: 1285.1/37$

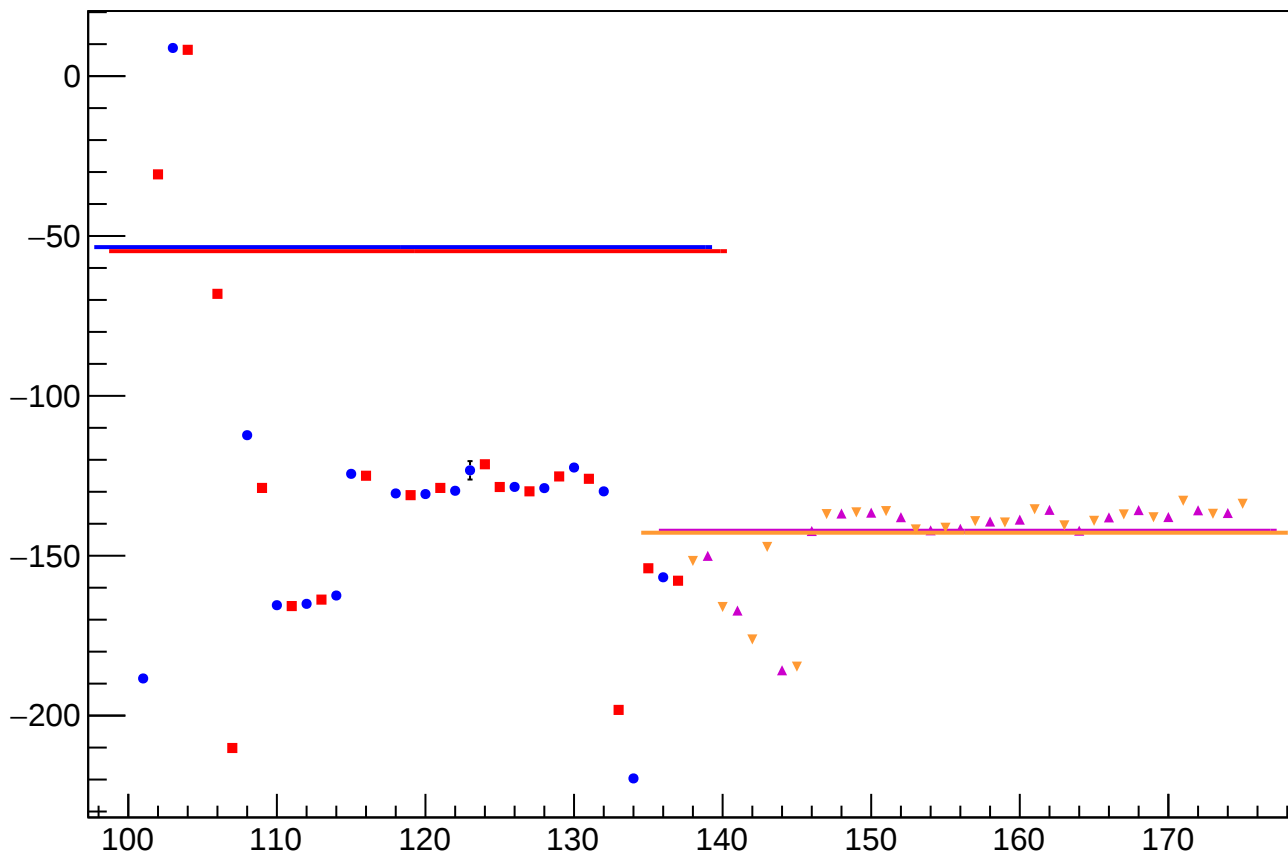
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 58.332 ± 0.910 $\chi^2/\text{NDF}: 1279.7/34$

Out: 58.288 ± 0.867 $\chi^2/\text{NDF}: 1406.5/37$

All: 58.309 ± 0.628 $\chi^2/\text{NDF}: 2686.3/72$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -142.803 $\pm$ 0.049 χ^2 /NDF: 62454.7/19

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -142.185 $\pm$ 0.051 χ^2 /NDF: 47622.4/17

Left: -142.502 $\pm$ 0.035 χ^2 /NDF: 110153.4/37

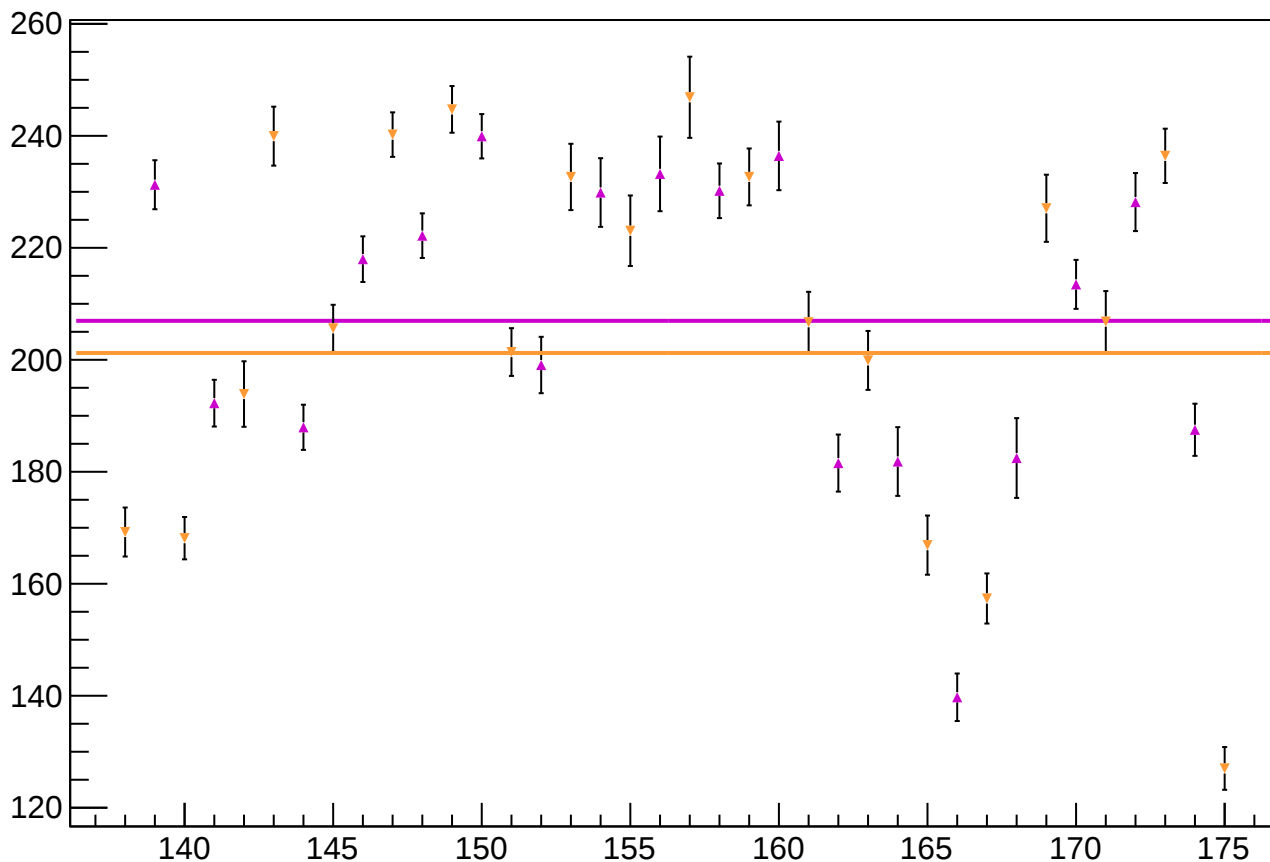
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -111.836 $\pm$ 0.041 χ^2 /NDF: 2323473.7/34

Out: -114.661 $\pm$ 0.041 χ^2 /NDF: 2028843.4/37

All: -113.260 $\pm$ 0.029 χ^2 /NDF: 4354695.4/72

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: 201.220+/-1.079 χ^2/NDF :1099.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.962+/-1.124 χ^2/NDF :575.4/17

Left: 203.972+/-0.778 χ^2/NDF : 1688.2/37

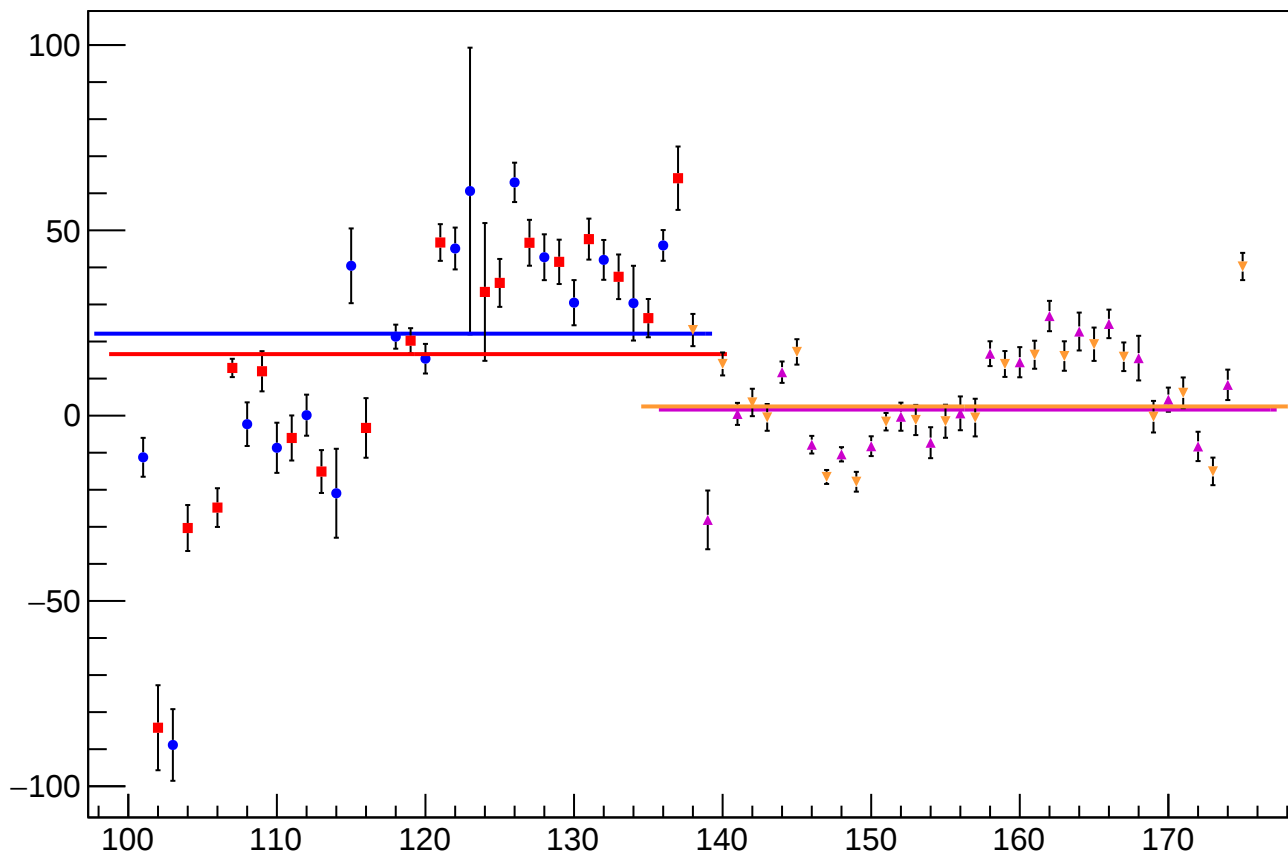
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.962+/-1.124 χ^2/NDF :575.4/17

Out: 201.220+/-1.079 χ^2/NDF :1099.2/19

All: 203.972+/-0.778 χ^2/NDF : 1688.2/37

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: 2.480+/-0.759 χ^2/NDF : 411.4/19

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 1.641+/-0.798 χ^2/NDF : 236.3/17

Left: 2.081+/-0.550 χ^2/NDF : 648.2/37

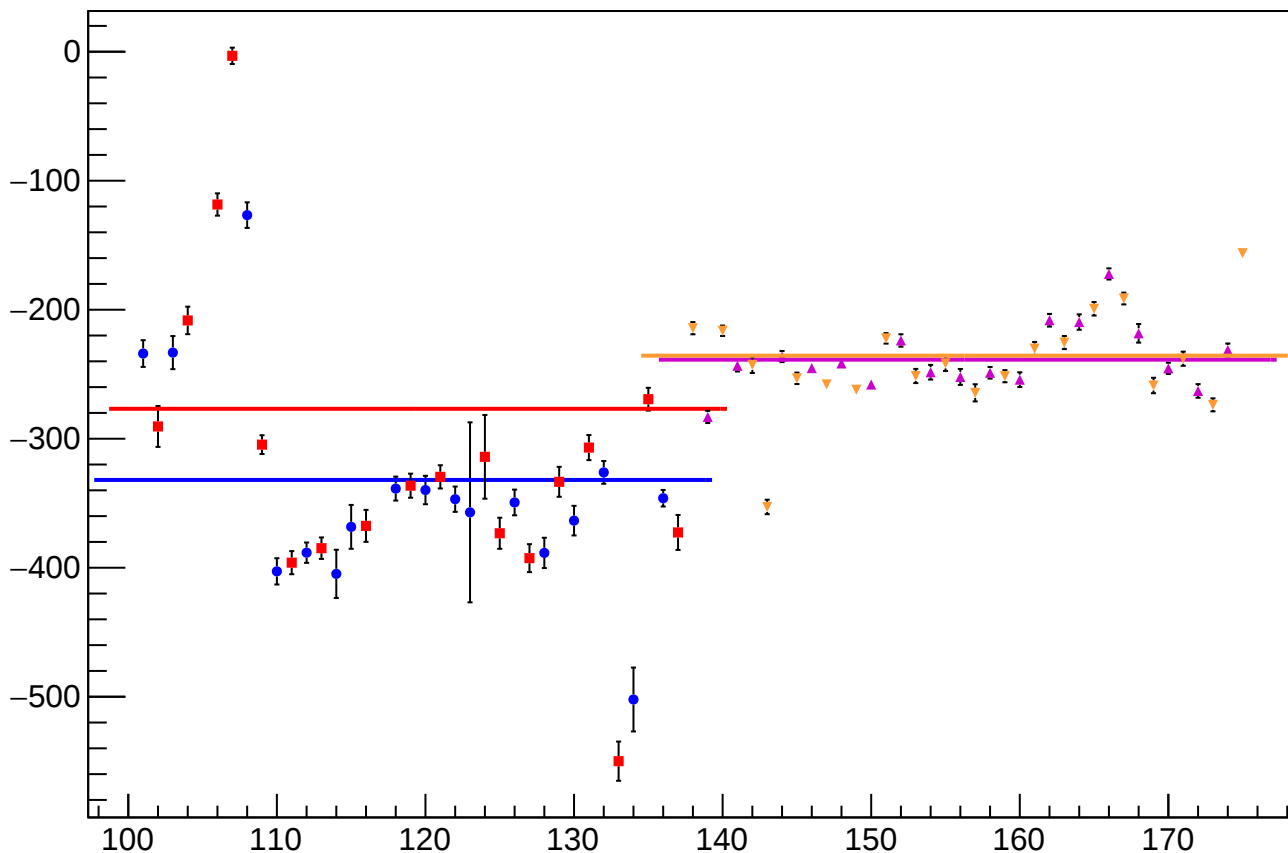
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 6.794+/-0.690 χ^2/NDF : 783.9/34

Out: 6.381+/-0.646 χ^2/NDF : 923.8/37

All: 6.574+/-0.472 χ^2/NDF : 1707.8/72

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -235.597 $\pm$ 1.071 χ^2 /NDF:1280.8/19

Right Out: -276.804 $\pm$ 2.329 χ^2 /NDF: 3330.4/17

Left In: -238.731 $\pm$ 1.112 χ^2 /NDF:482.0/17

Left: -237.106 $\pm$ 0.771 χ^2 /NDF: 1766.9/37

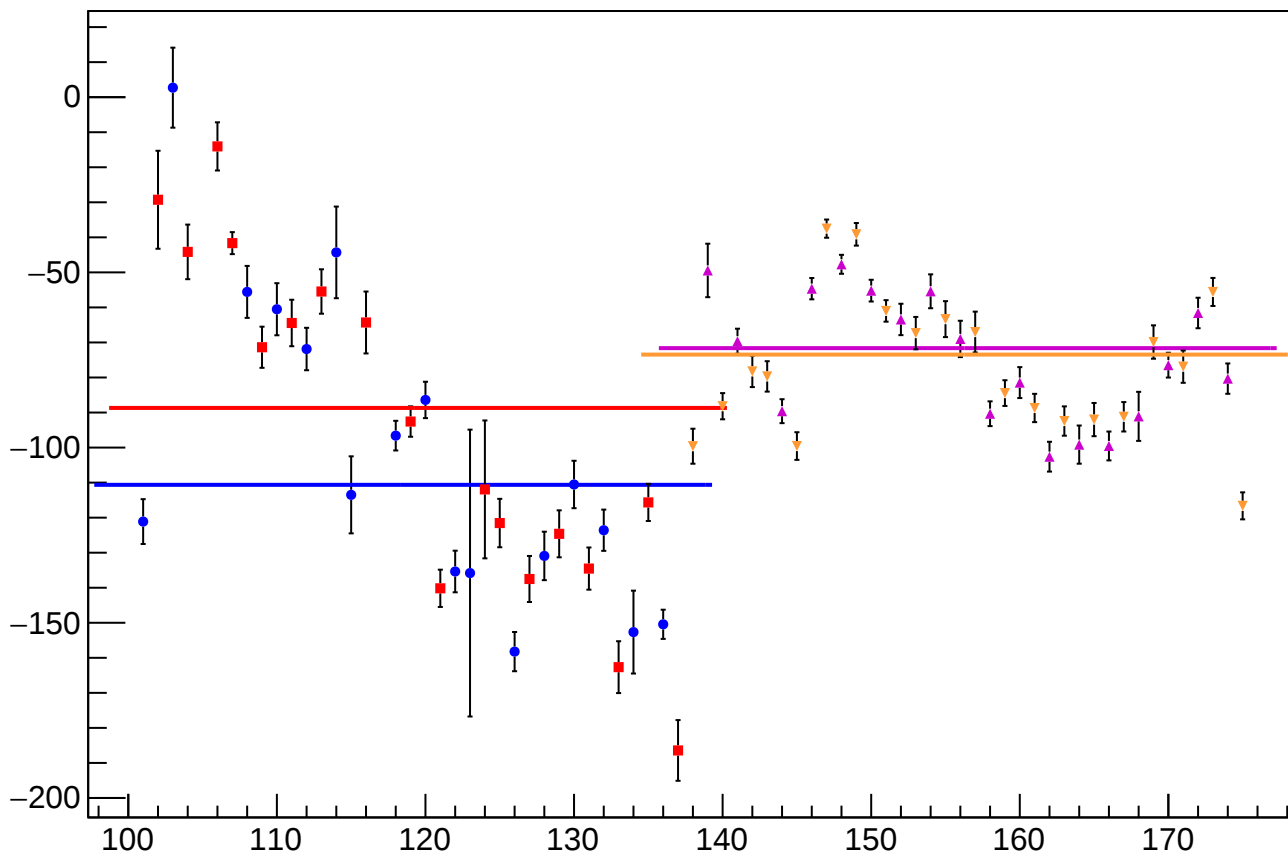
Right: -301.706 $\pm$ 1.725 χ^2 /NDF: 4369.1/34

In: -253.453 $\pm$ 1.020 χ^2 /NDF:2377.9/34

Out: -242.791 $\pm$ 0.973 χ^2 /NDF:4869.5/37

All: -247.871 $\pm$ 0.704 χ^2 /NDF: 7304.5/72

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2 /NDF: 508.9/16

Left Out: -73.462+/-0.891 χ^2 /NDF:641.2/19

Right Out: -88.683+/-1.434 χ^2 /NDF: 964.0/17

Left In: -71.621+/-0.934 χ^2 /NDF:365.5/17

Left: -72.585+/-0.645 χ^2 /NDF: 1008.8/37

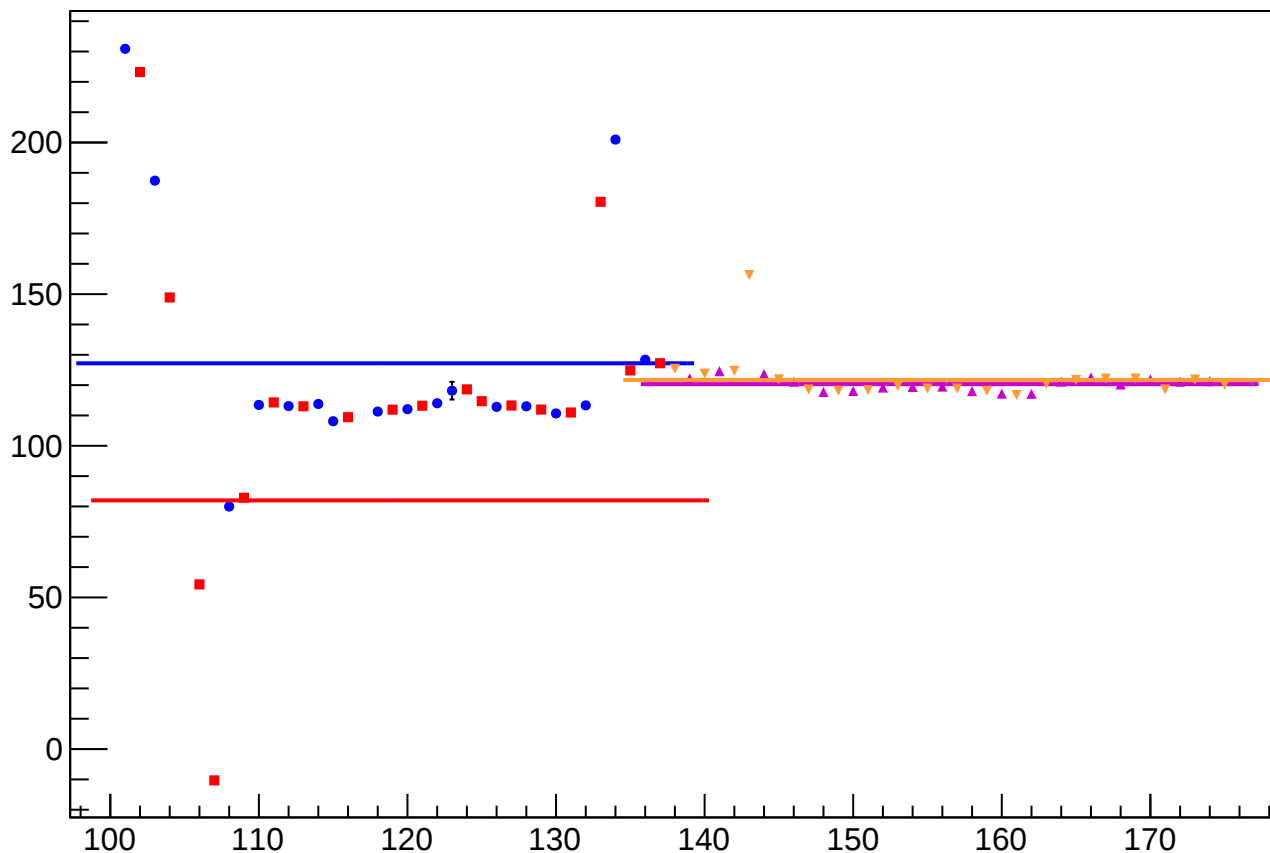
Right: -98.593+/-1.062 χ^2 /NDF: 1578.5/34

In: -81.717+/-0.804 χ^2 /NDF:1325.6/34

Out: -77.703+/-0.757 χ^2 /NDF:1686.4/37

All: -79.588+/-0.551 χ^2 /NDF: 3025.3/72

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: 121.696 $\pm$ 0.043 χ^2/NDF : 27108.1/19

Right Out: 81.994 $\pm$ 0.075 χ^2/NDF : 749824.5/17

Left In: 120.327 $\pm$ 0.044 χ^2/NDF : 2558.8/17

Left: 121.023 $\pm$ 0.031 χ^2/NDF : 30164.1/37

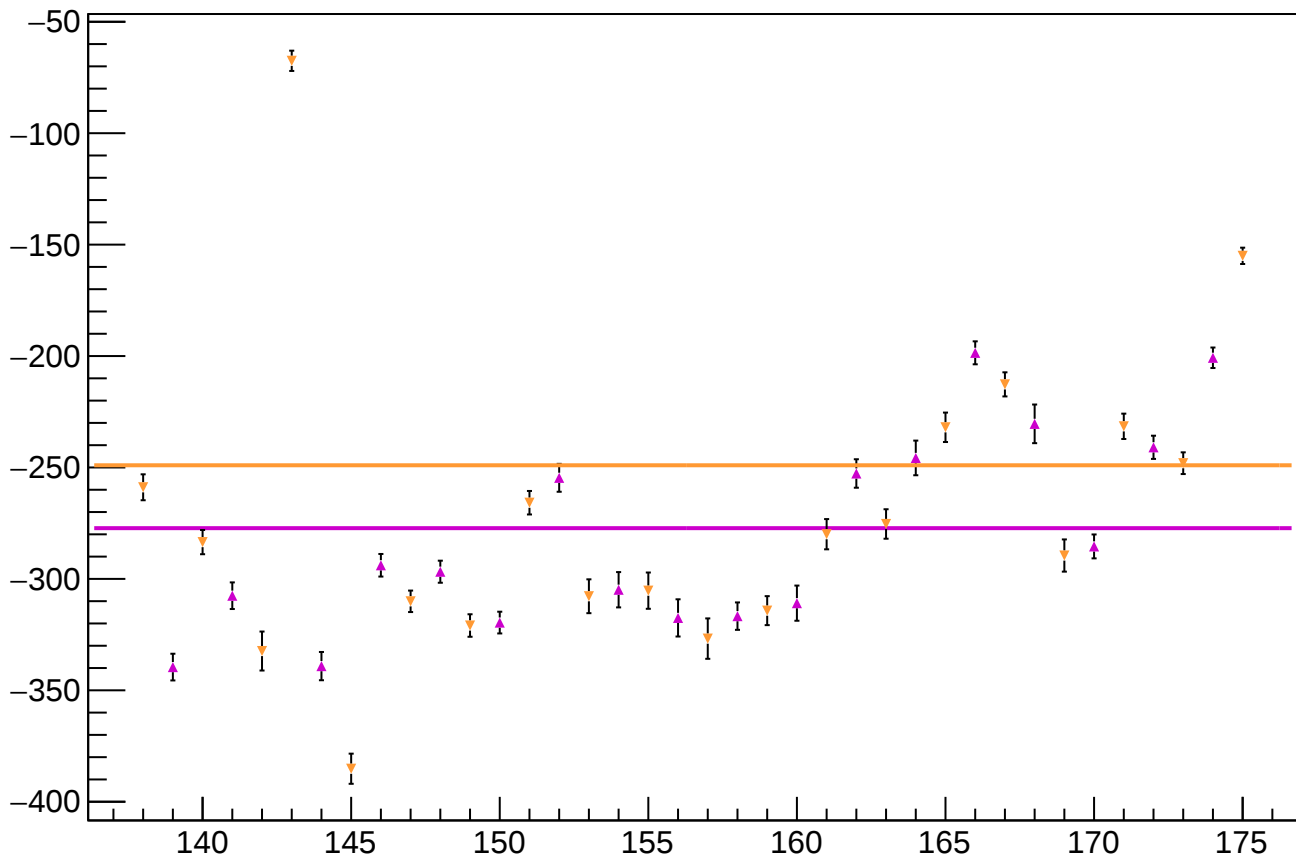
Right: 100.877 $\pm$ 0.058 χ^2/NDF : 1087676.4/34

In: 121.664 $\pm$ 0.039 χ^2/NDF : 195381.9/34

Out: 111.956 $\pm$ 0.037 χ^2/NDF : 985703.0/37

All: 116.569 $\pm$ 0.027 χ^2/NDF : 1213116.1/72

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: -249.014+/-1.289 χ^2/NDF :3573.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -277.234+/-1.398 χ^2/NDF :1059.7/17

Left: -261.986+/-0.948 χ^2/NDF : 4853.5/37

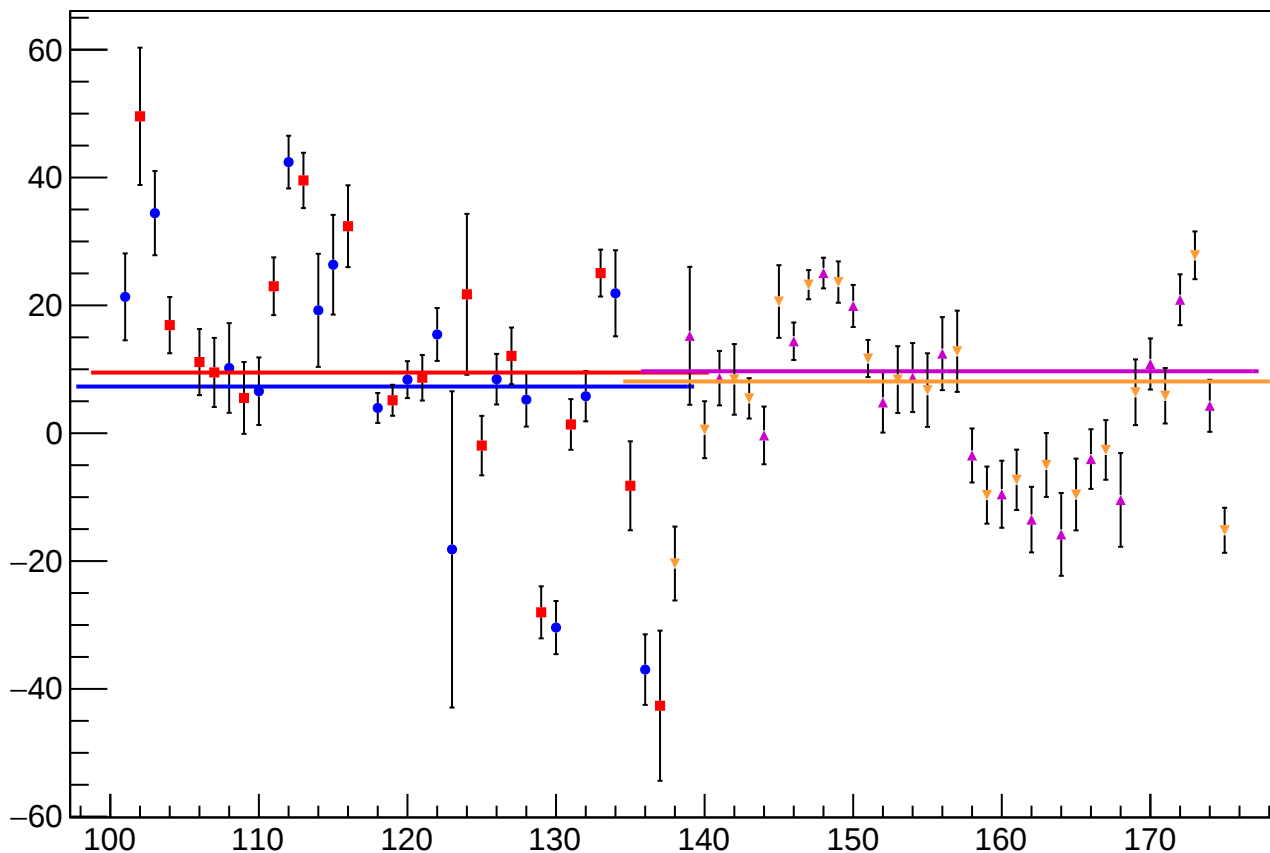
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -277.234+/-1.398 χ^2/NDF :1059.7/17

Out: -249.014+/-1.289 χ^2/NDF :3573.6/19

All: -261.986+/-0.948 χ^2/NDF : 4853.5/37

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: 8.097 $\pm$ 0.914 χ^2 /NDF:222.3/19

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 9.694 $\pm$ 0.995 χ^2 /NDF:144.9/17

Left: 8.827 $\pm$ 0.673 χ^2 /NDF: 368.6/37

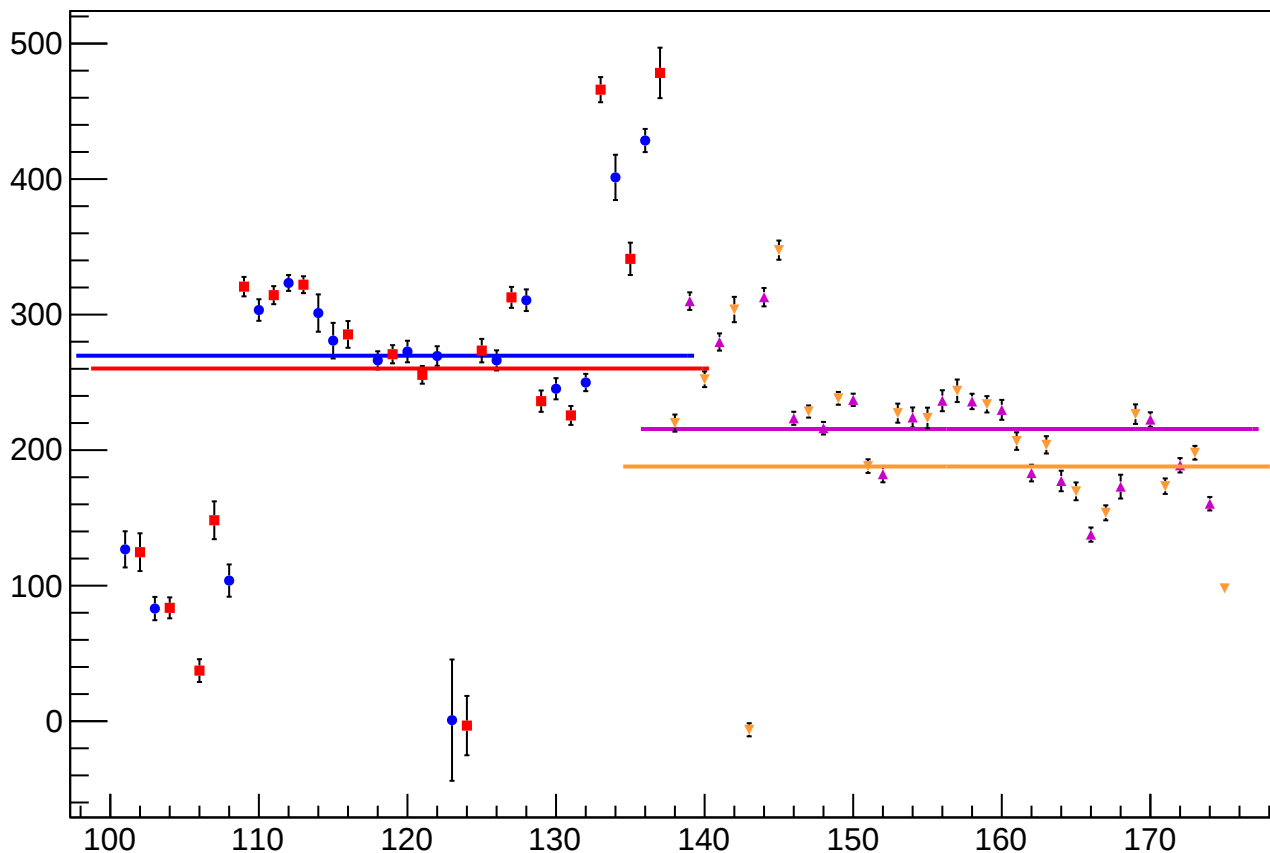
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 8.602 $\pm$ 0.734 χ^2 /NDF:408.2/34

Out: 8.684 $\pm$ 0.696 χ^2 /NDF:454.4/37

All: 8.645 $\pm$ 0.505 χ^2 /NDF: 862.6/72

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: 187.920 $\pm$ 1.281 χ^2 /NDF:3468.4/19

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 215.574 $\pm$ 1.383 χ^2 /NDF:1046.4/17

Left: 200.693 $\pm$ 0.940 χ^2 /NDF: 4730.1/37

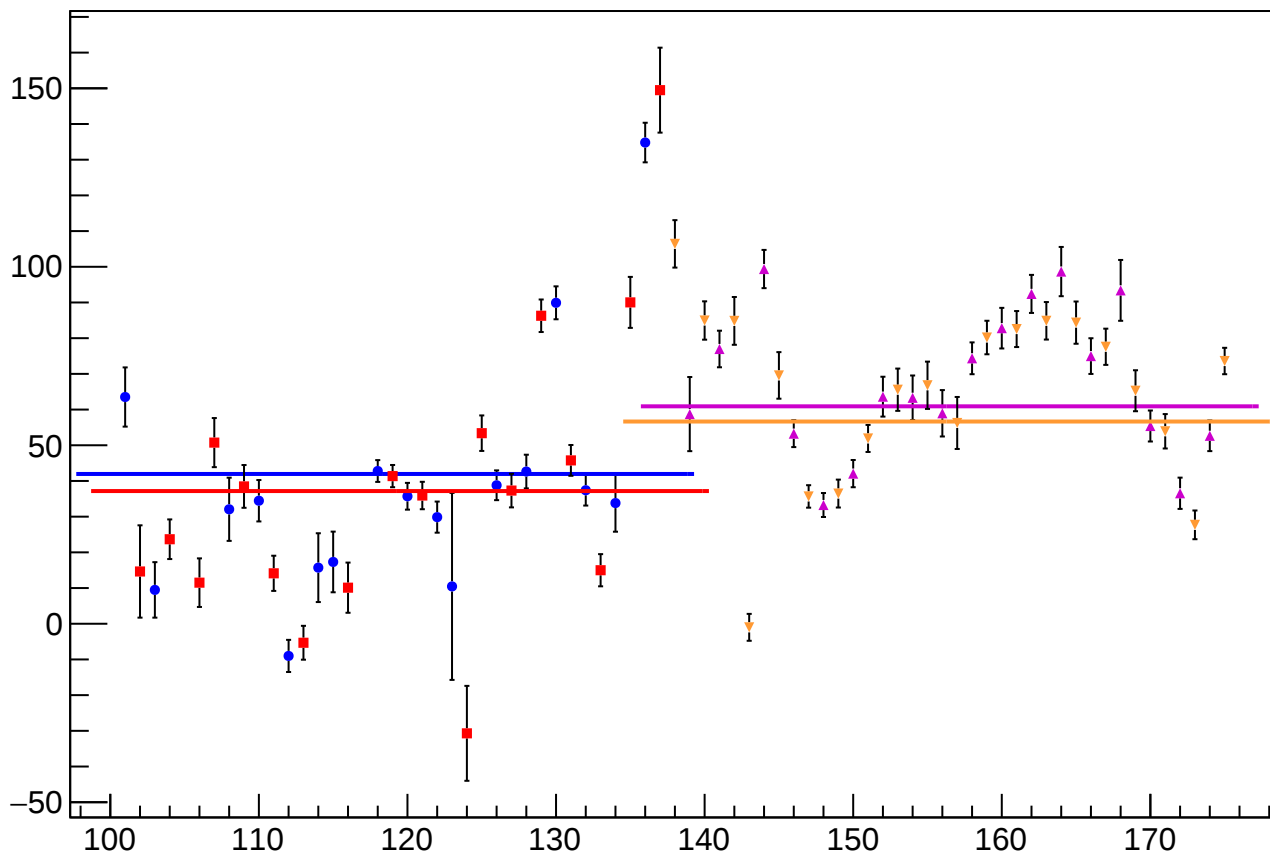
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 232.193 $\pm$ 1.151 χ^2 /NDF:2893.3/34

Out: 209.270 $\pm$ 1.075 χ^2 /NDF:6937.4/37

All: 219.955 $\pm$ 0.786 χ^2 /NDF: 10042.5/72

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 56.651 $\pm$ 1.068 χ^2 /NDF:611.5/19

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 60.910 $\pm$ 1.161 χ^2 /NDF:305.7/17

Left: 58.605 $\pm$ 0.786 χ^2 /NDF: 924.5/37

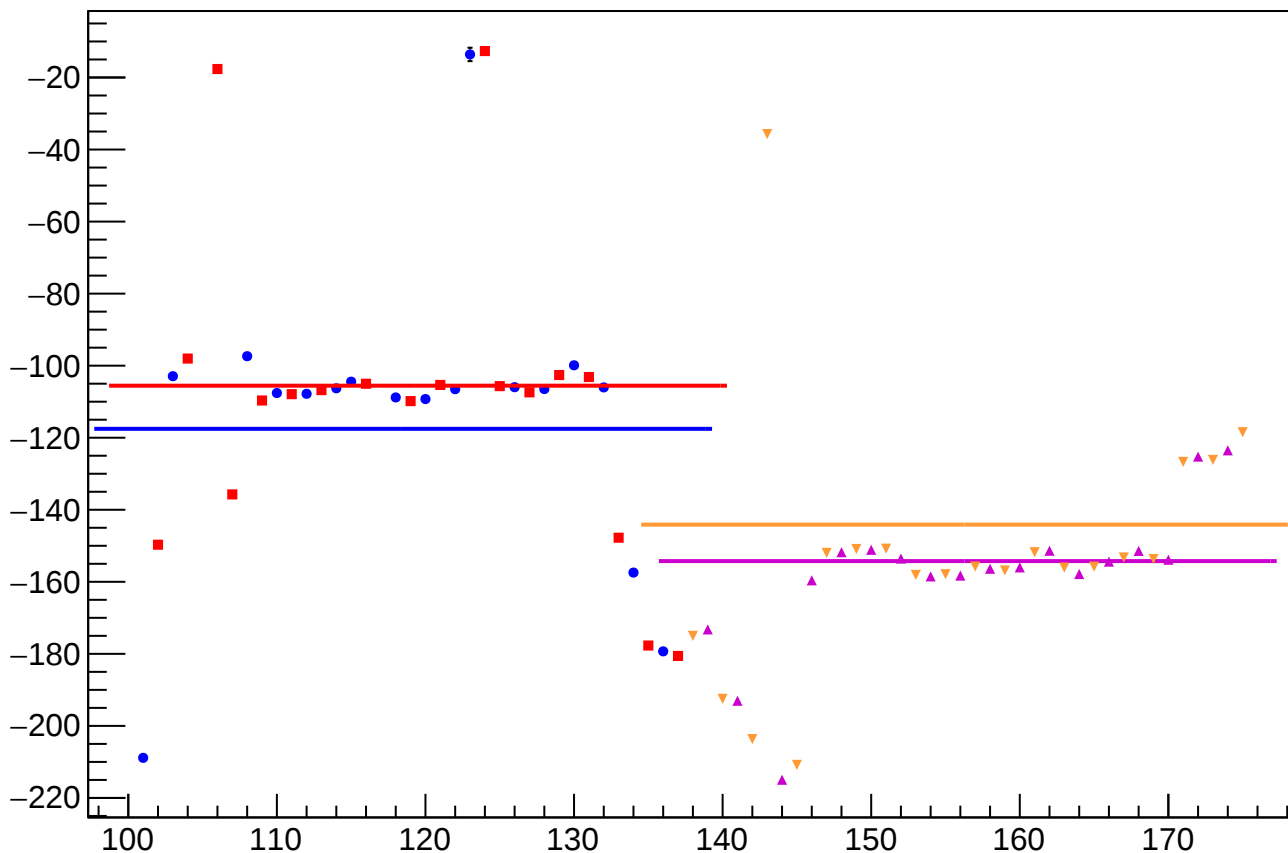
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 52.198 $\pm$ 0.853 χ^2 /NDF:1002.5/34

Out: 48.322 $\pm$ 0.808 χ^2 /NDF:1224.5/37

All: 50.155 $\pm$ 0.587 χ^2 /NDF: 2237.9/72

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 $\chi^2/\text{NDF}: 142039.8/16$

Left Out: -144.129 ± 0.052 $\chi^2/\text{NDF}: 502914.0/19$

Right Out: -105.555 ± 0.073 $\chi^2/\text{NDF}: 317428.5/17$

Left In: -154.249 ± 0.054 $\chi^2/\text{NDF}: 125404.4/17$

Left: -148.953 ± 0.037 $\chi^2/\text{NDF}: 646590.2/37$

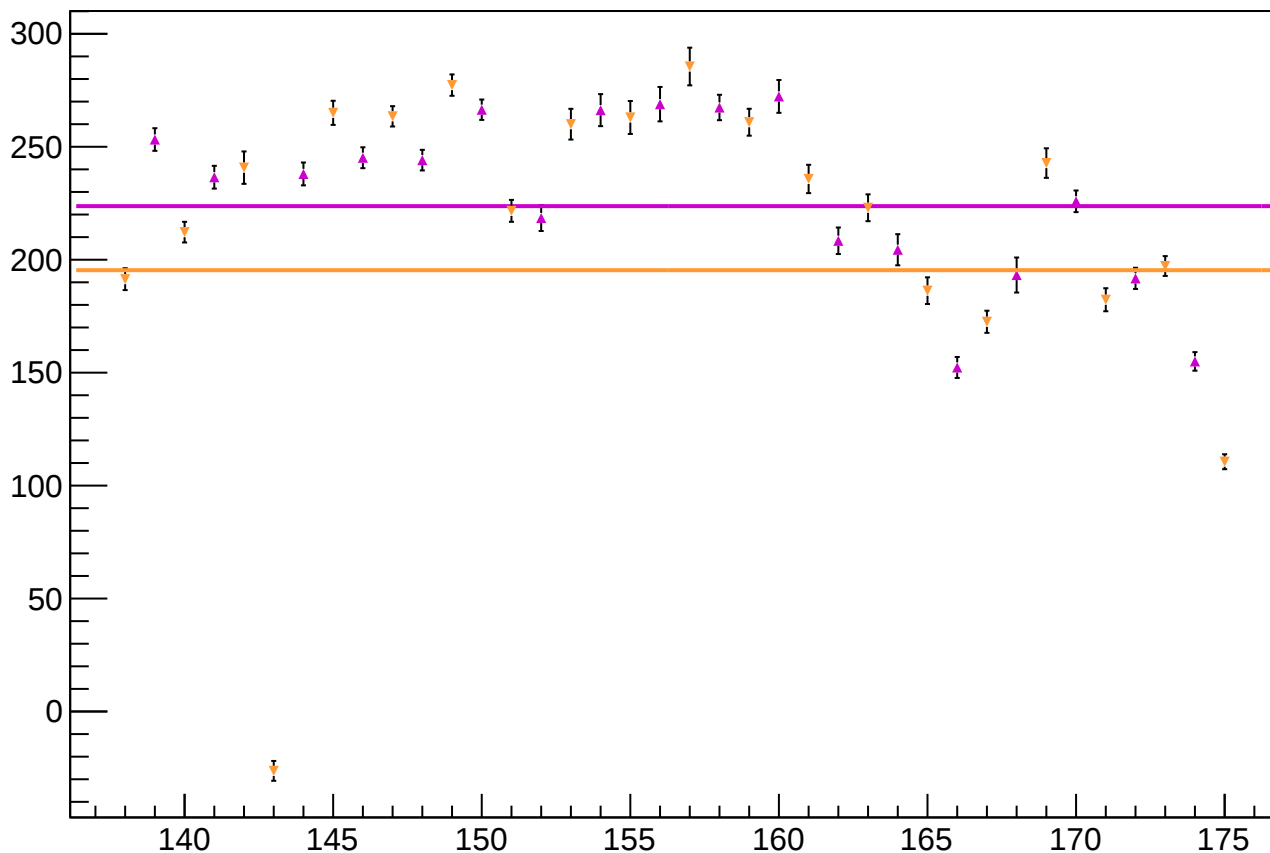
Right: -111.128 ± 0.053 $\chi^2/\text{NDF}: 472040.3/34$

In: -142.330 ± 0.045 $\chi^2/\text{NDF}: 416613.7/34$

Out: -131.218 ± 0.042 $\chi^2/\text{NDF}: 1006756.9/37$

All: -136.473 ± 0.031 $\chi^2/\text{NDF}: 1456223.9/72$

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: 195.368+/-1.158 χ^2/NDF :4542.7/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 223.720+/-1.249 χ^2/NDF :949.2/17

Left: 208.483+/-0.849 χ^2/NDF : 5769.0/37

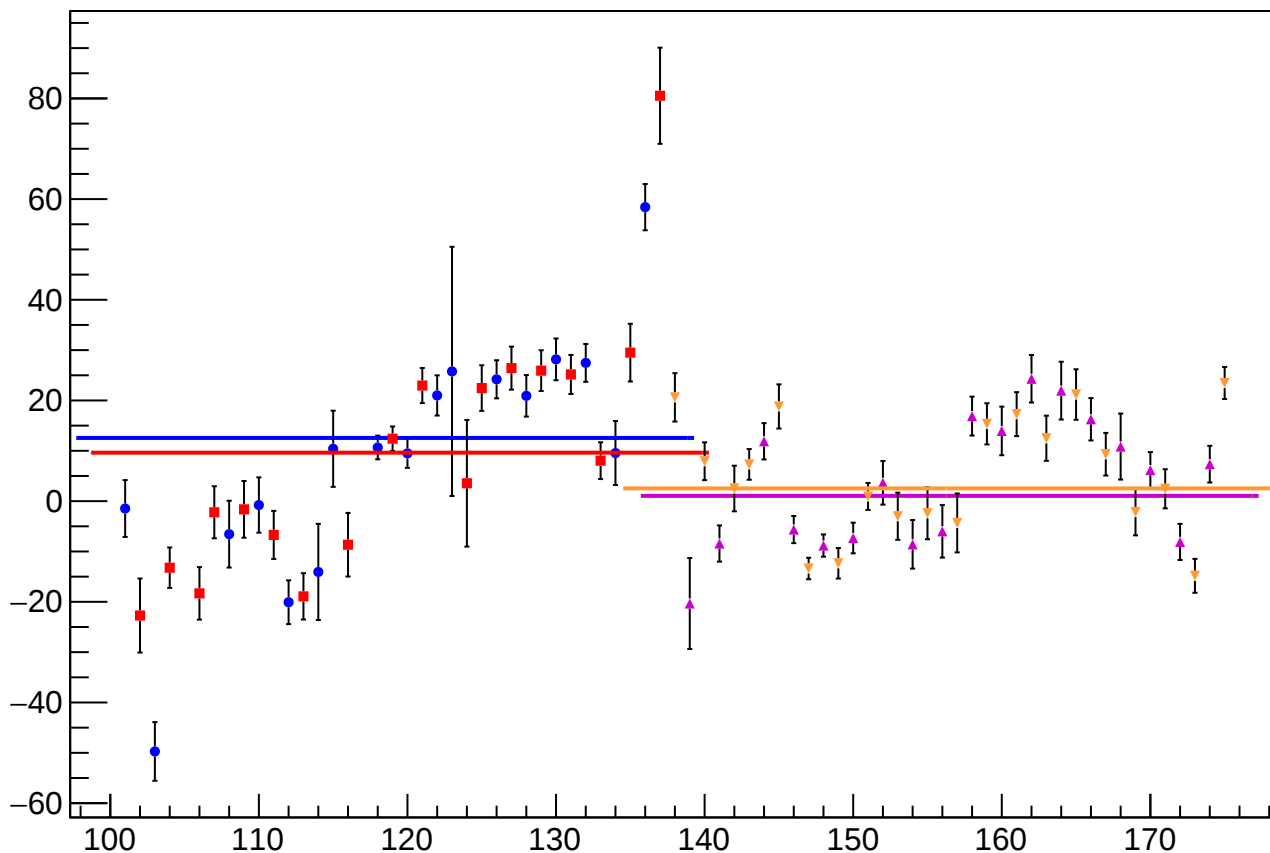
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 223.720+/-1.249 χ^2/NDF :949.2/17

Out: 195.368+/-1.158 χ^2/NDF :4542.7/19

All: 208.483+/-0.849 χ^2/NDF : 5769.0/37

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 2.535+/-0.828 χ^2/NDF : 229.6/19

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 1.051+/-0.896 χ^2/NDF : 149.8/17

Left: 1.851+/-0.608 χ^2/NDF : 380.9/37

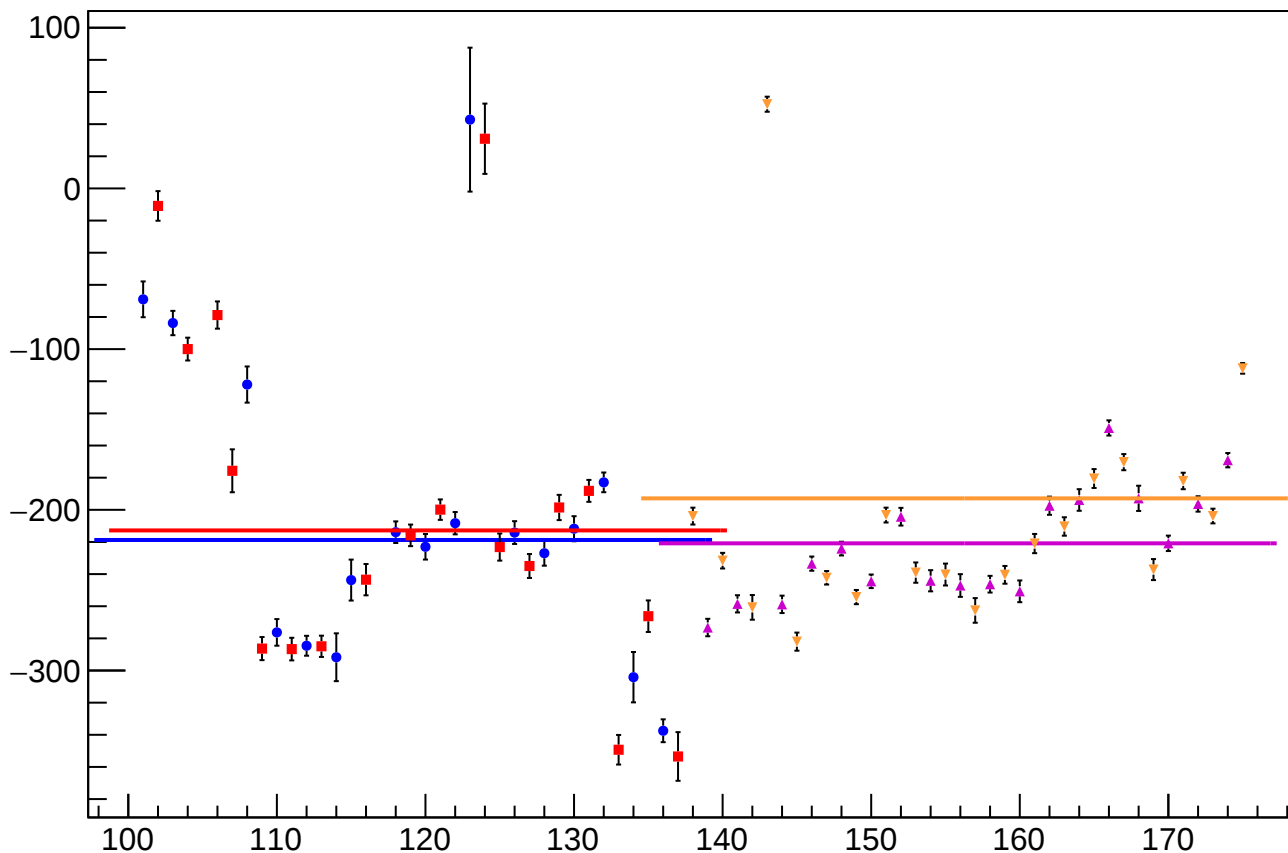
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 5.859+/-0.683 χ^2/NDF : 567.4/34

Out: 5.256+/-0.650 χ^2/NDF : 545.3/37

All: 5.542+/-0.471 χ^2/NDF : 1113.0/72

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: -192.875 ± 1.154 $\chi^2/\text{NDF}: 4439.4/19$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -220.860 ± 1.239 $\chi^2/\text{NDF}: 747.5/17$

Left: -205.876 ± 0.844 $\chi^2/\text{NDF}: 5460.2/37$

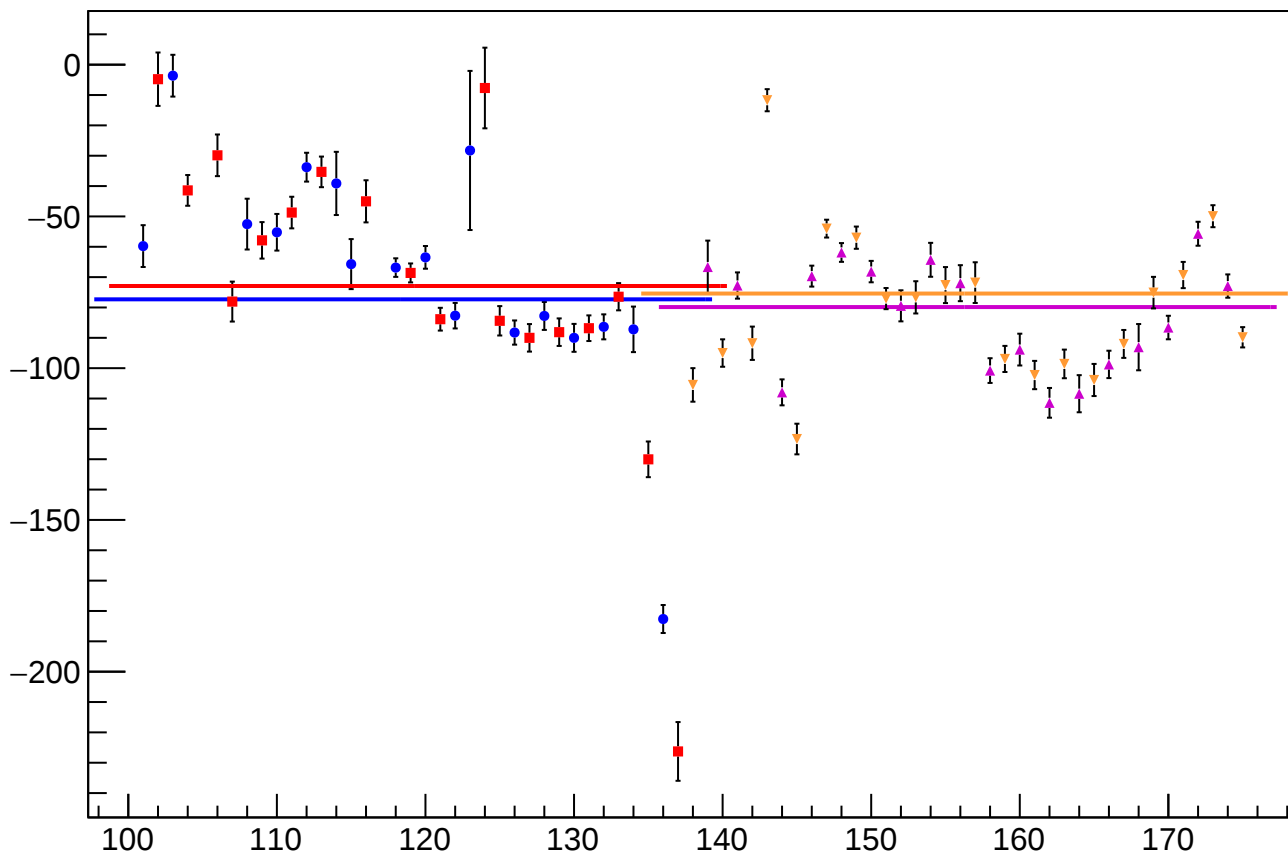
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -220.285 ± 1.055 $\chi^2/\text{NDF}: 1892.7/34$

Out: -198.140 ± 0.990 $\chi^2/\text{NDF}: 6342.8/37$

All: -208.512 ± 0.722 $\chi^2/\text{NDF}: 8469.9/72$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -75.410 ± 0.966 χ^2/NDF : 726.8/19

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -79.865 ± 1.043 χ^2/NDF : 272.4/17

Left: -77.466 ± 0.709 χ^2/NDF : 1009.0/37

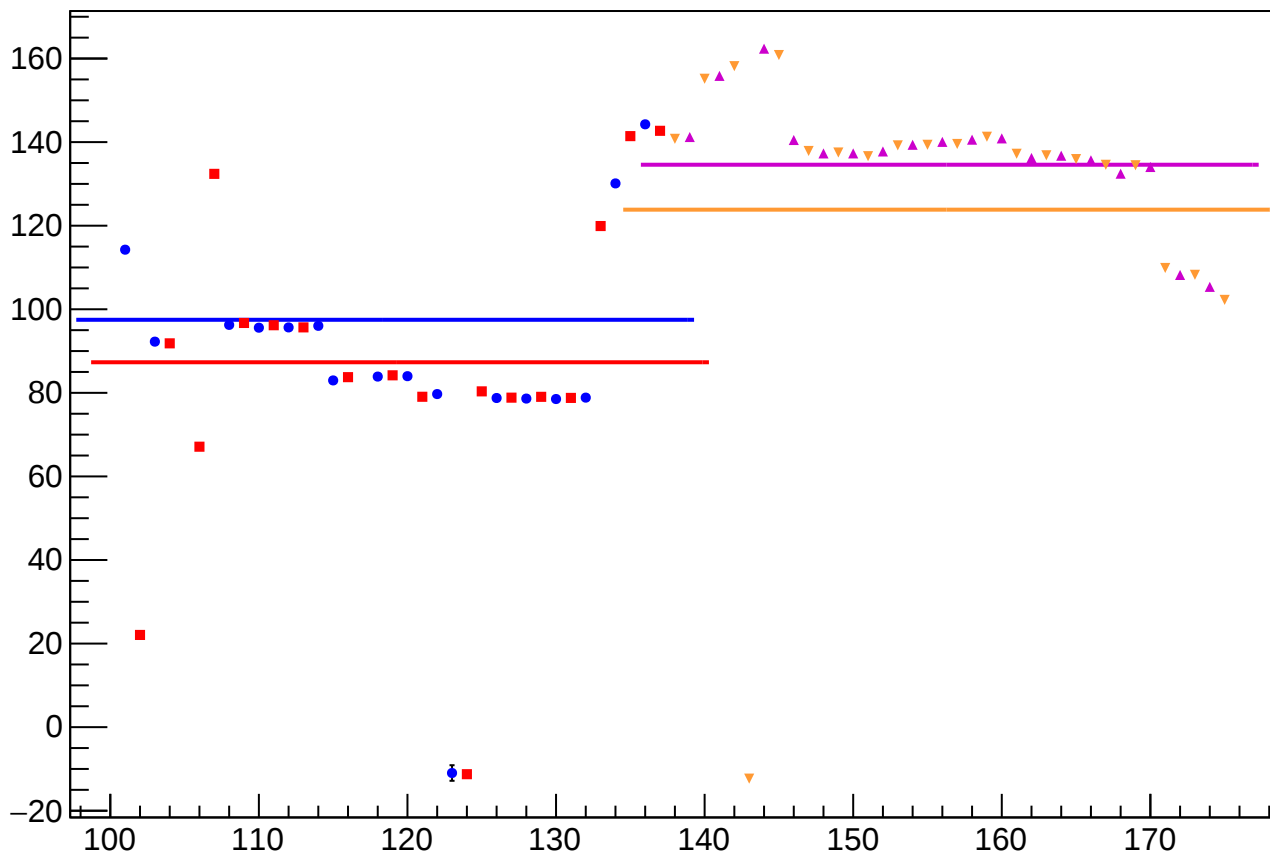
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -78.792 ± 0.793 χ^2/NDF : 1092.6/34

Out: -74.440 ± 0.754 χ^2/NDF : 1390.2/37

All: -76.506 ± 0.547 χ^2/NDF : 2498.6/72

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2 /NDF: 94392.9/16

Left Out: 123.834+/-0.047 χ^2 /NDF: 673132.0/19

Right Out: 87.318+/-0.068 χ^2 /NDF: 221863.6/17

Left In: 134.587+/-0.049 χ^2 /NDF: 85127.4/17

Left: 128.985+/-0.034 χ^2 /NDF: 783859.6/37

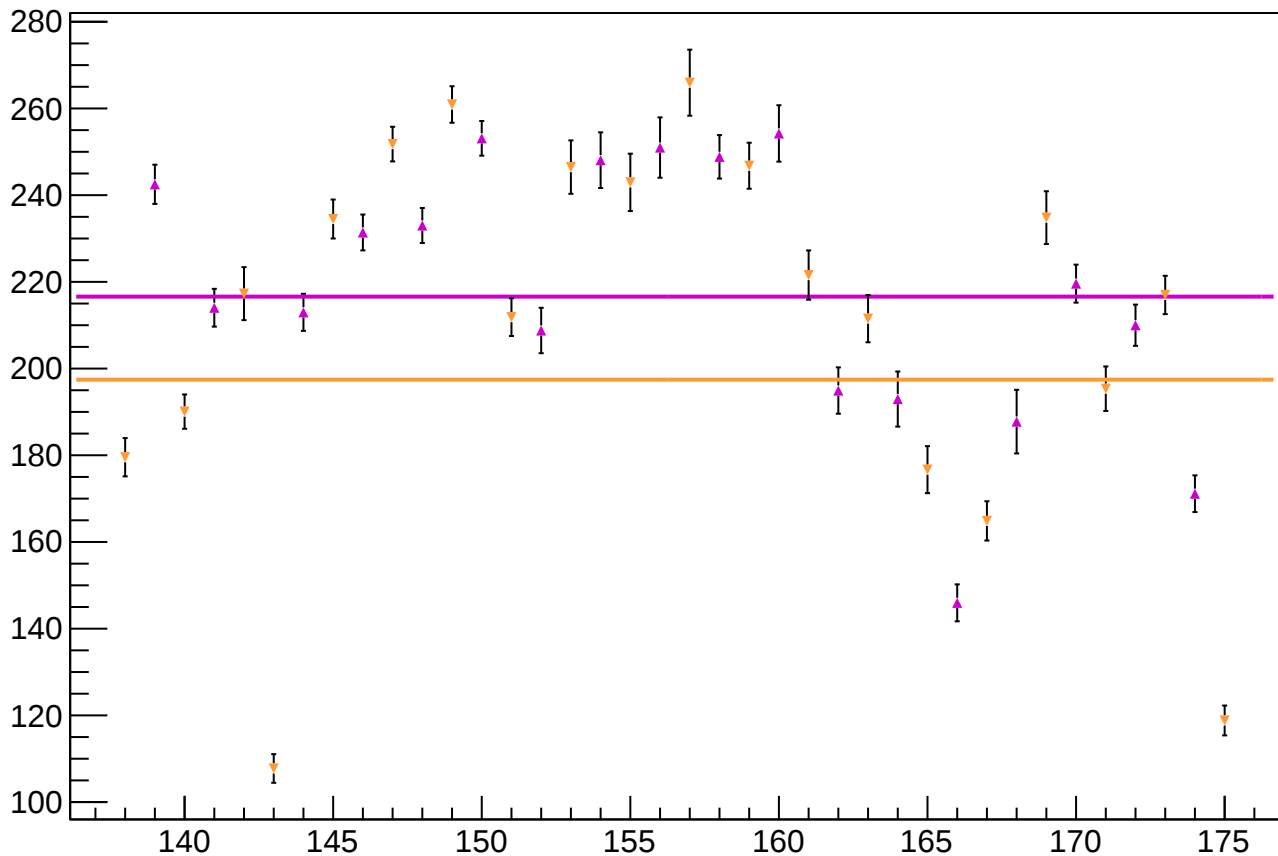
Right: 92.040+/-0.050 χ^2 /NDF: 326534.9/34

In: 123.301+/-0.040 χ^2 /NDF: 357491.0/34

Out: 112.275+/-0.038 χ^2 /NDF: 1090129.0/37

All: 117.507+/-0.028 χ^2 /NDF: 1486633.9/72

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: 197.446 $\pm$ 1.051 χ^2/NDF :2205.2/19

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 216.597 $\pm$ 1.141 χ^2/NDF :710.0/17

Left: 206.243 $\pm$ 0.773 χ^2/NDF : 3067.6/37

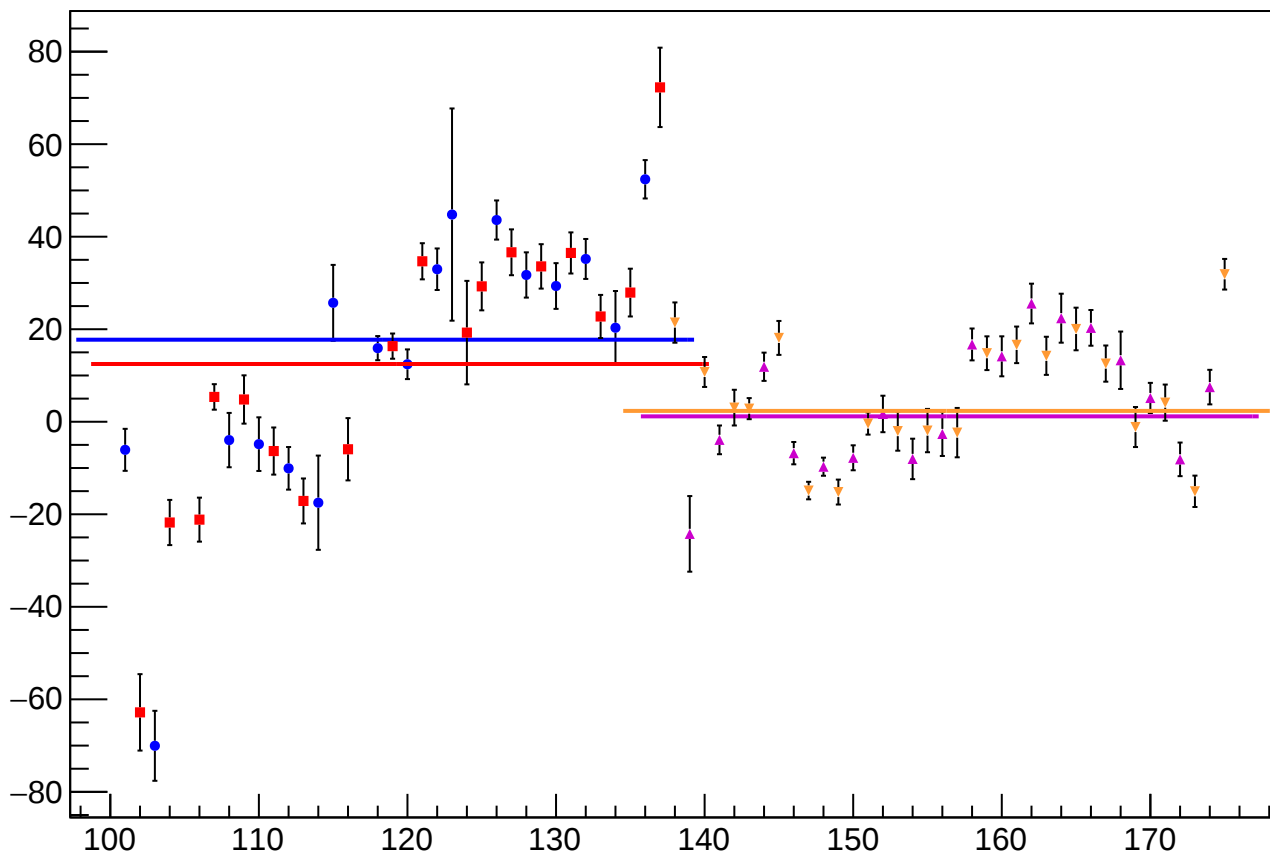
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 216.597 $\pm$ 1.141 χ^2/NDF :710.0/17

Out: 197.446 $\pm$ 1.051 χ^2/NDF :2205.2/19

All: 206.243 $\pm$ 0.773 χ^2/NDF : 3067.6/37

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: 2.346 ± 0.742 $\chi^2/\text{NDF}: 335.0/19$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: 1.164 ± 0.811 $\chi^2/\text{NDF}: 199.5/17$

Left: 1.808 ± 0.547 $\chi^2/\text{NDF}: 535.7/37$

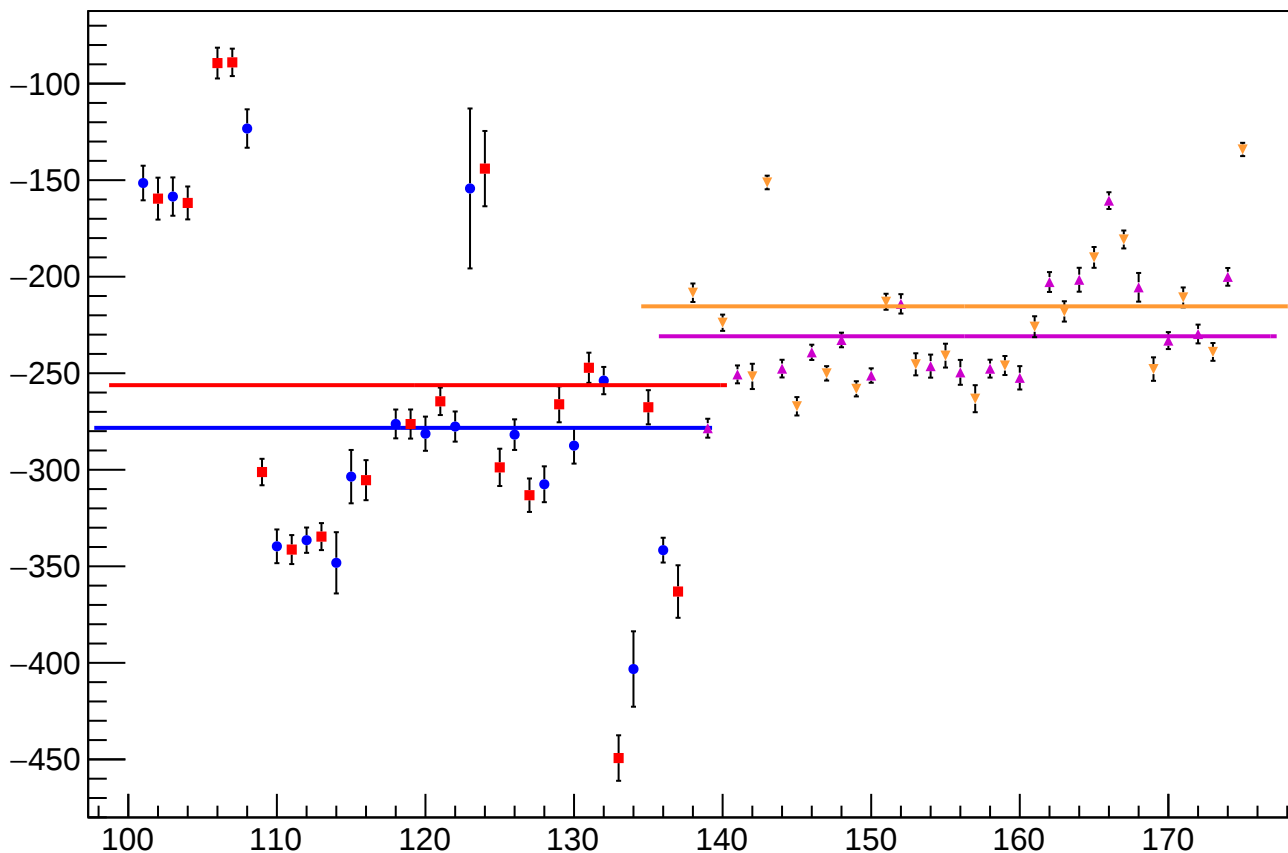
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 6.682 ± 0.663 $\chi^2/\text{NDF}: 732.4/34$

Out: 5.575 ± 0.612 $\chi^2/\text{NDF}: 823.7/37$

All: 6.085 ± 0.450 $\chi^2/\text{NDF}: 1557.6/72$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -215.348 ± 1.049 χ^2/NDF : 1517.4/19

Right Out: -256.177 ± 2.025 χ^2/NDF : 1952.2/17

Left In: -230.853 ± 1.130 χ^2/NDF : 583.3/17

Left: -222.528 ± 0.769 χ^2/NDF : 2201.8/37

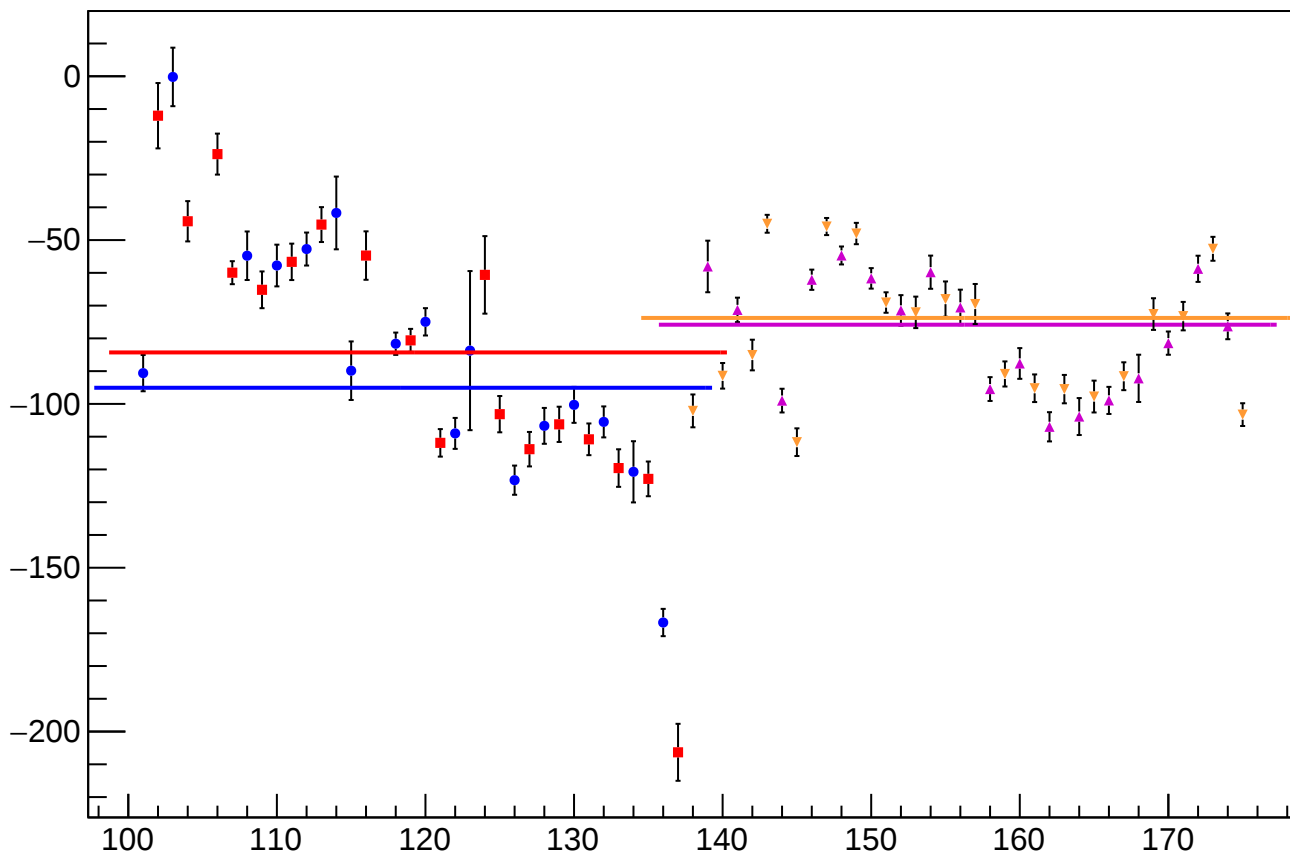
Right: -266.460 ± 1.481 χ^2/NDF : 2917.6/34

In: -240.953 ± 1.002 χ^2/NDF : 1868.7/34

Out: -223.990 ± 0.932 χ^2/NDF : 3790.1/37

All: -231.852 ± 0.682 χ^2/NDF : 5812.5/72

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -73.760 ± 0.871 χ^2/NDF : 648.9/19

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -75.829 ± 0.949 χ^2/NDF : 325.3/17

Left: -74.706 ± 0.642 χ^2/NDF : 976.8/37

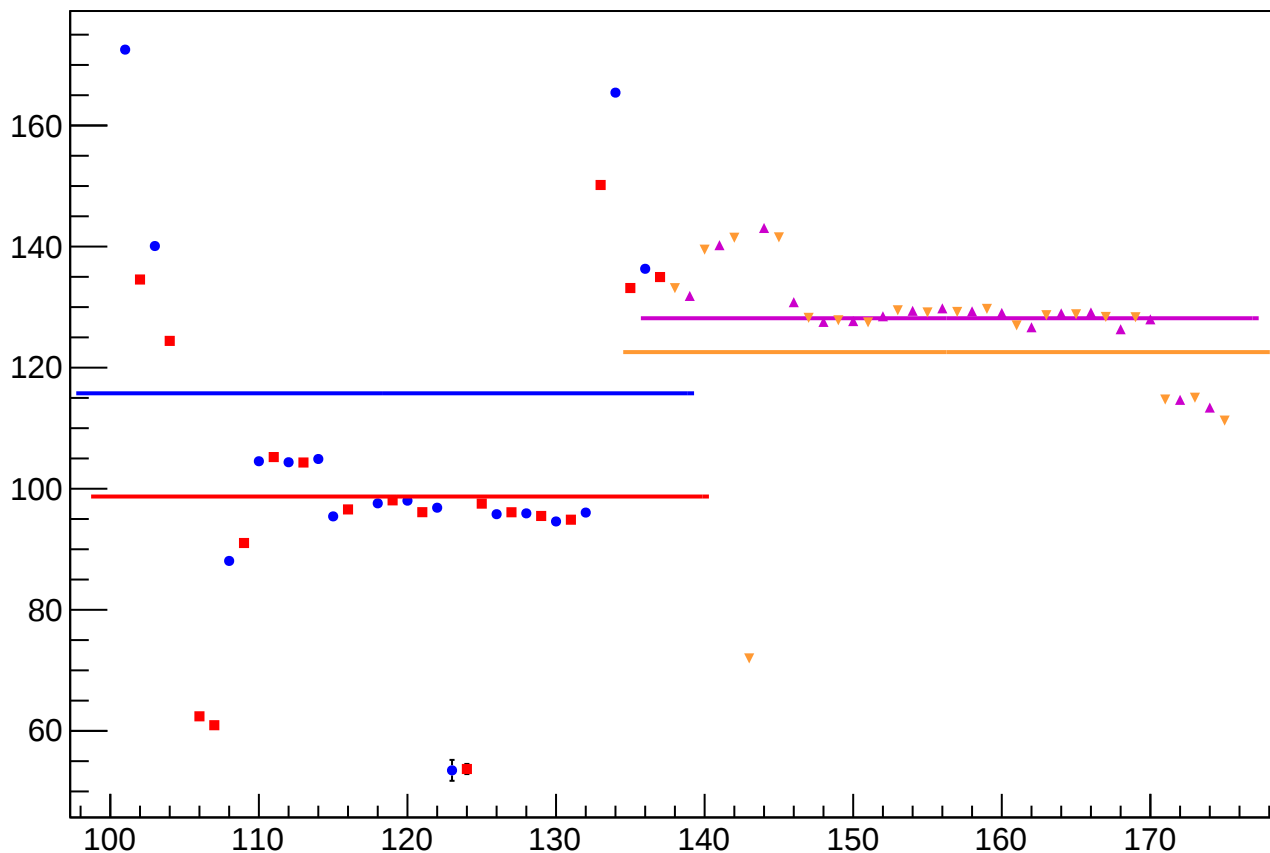
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -82.350 ± 0.772 χ^2/NDF : 1137.9/34

Out: -77.171 ± 0.716 χ^2/NDF : 1465.0/37

All: -79.568 ± 0.525 χ^2/NDF : 2627.1/72

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 122.569 $\pm$ 0.042 χ^2 /NDF:173514.5/19

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 128.162 $\pm$ 0.044 χ^2 /NDF:24560.2/17

Left: 125.226 $\pm$ 0.031 χ^2 /NDF: 206391.7/37

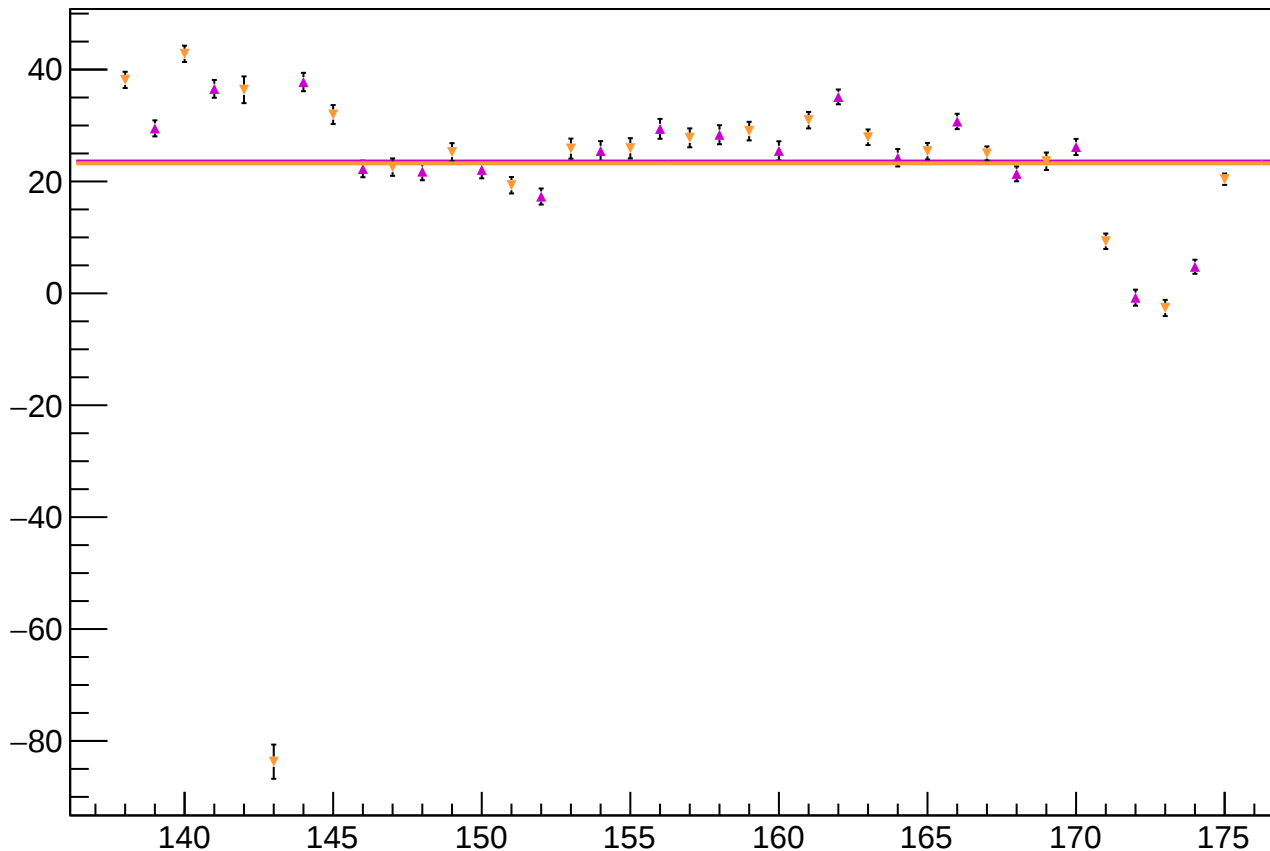
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.129 $\pm$ 0.039 χ^2 /NDF:149903.8/34

Out: 116.019 $\pm$ 0.036 χ^2 /NDF:431142.5/37

All: 120.255 $\pm$ 0.026 χ^2 /NDF: 610822.4/72

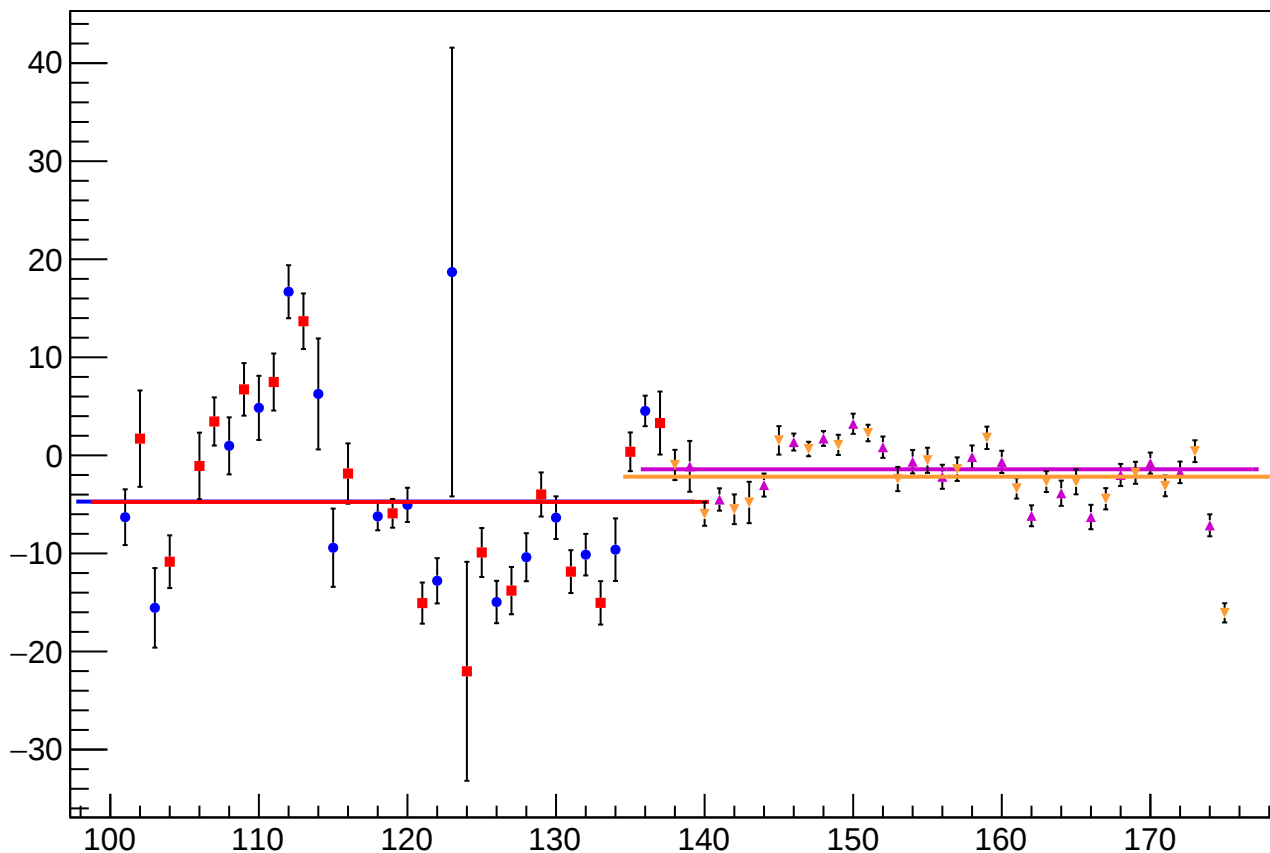
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 23.558 $\pm$ 0.352 χ^2 /NDF:824.4/17

Left: 23.391 $\pm$ 0.245 χ^2 /NDF: 2896.1/37
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 23.558 $\pm$ 0.352 χ^2 /NDF:824.4/17
 Out: 23.234 $\pm$ 0.341 χ^2 /NDF:2071.2/19
 All: 23.391 $\pm$ 0.245 χ^2 /NDF: 2896.1/37

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -2.177 ± 0.250 $\chi^2/\text{NDF}: 302.9/19$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: -1.418 ± 0.260 $\chi^2/\text{NDF}: 129.2/17$

Left: -1.812 ± 0.180 $\chi^2/\text{NDF}: 436.5/37$

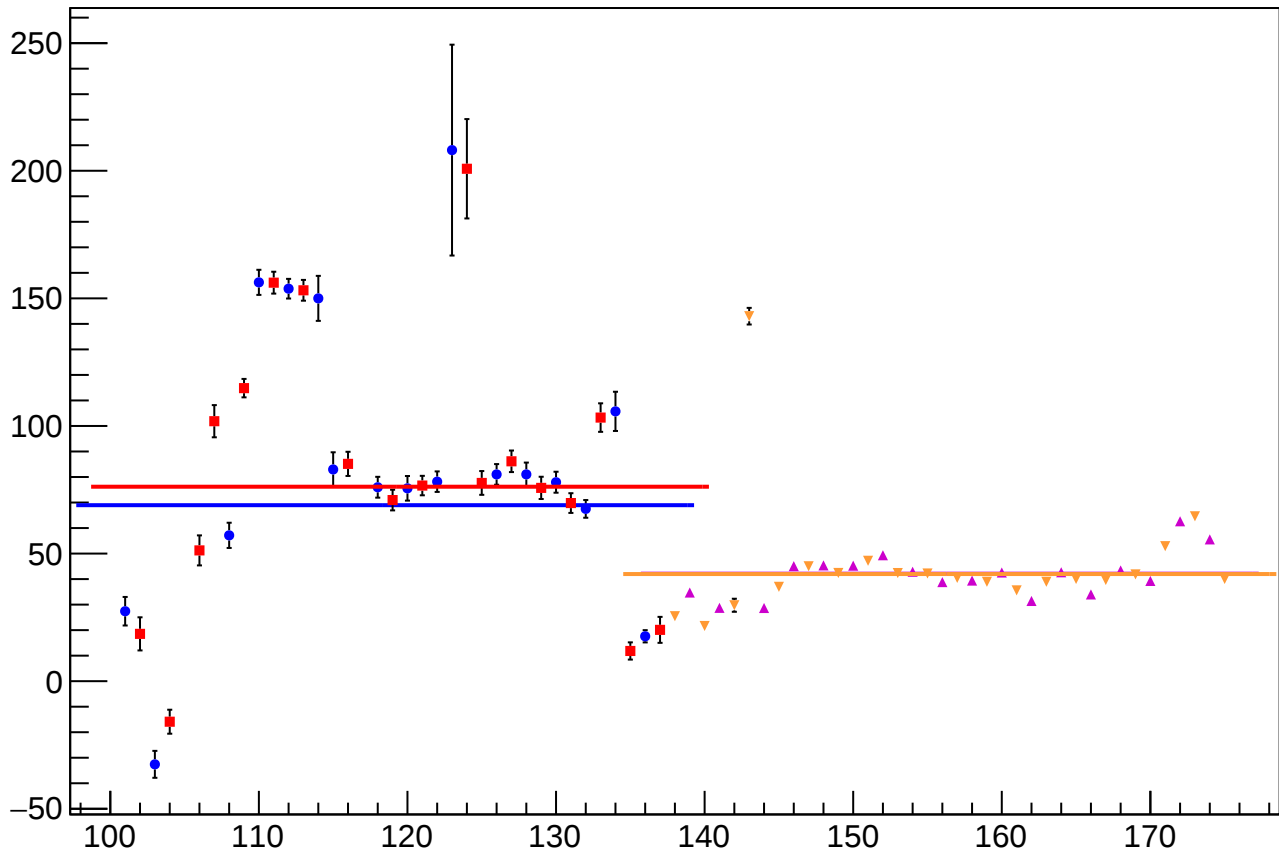
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.969 ± 0.237 $\chi^2/\text{NDF}: 330.7/34$

Out: -2.573 ± 0.230 $\chi^2/\text{NDF}: 508.5/37$

All: -2.280 ± 0.165 $\chi^2/\text{NDF}: 842.5/72$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 41.977+/-0.337 χ^2/NDF : 1617.9/19

Right Out: 76.199+/-1.071 χ^2/NDF : 1881.0/17

Left In: 42.127+/-0.349 χ^2/NDF : 596.4/17

Left: 42.050+/-0.242 χ^2/NDF : 2214.4/37

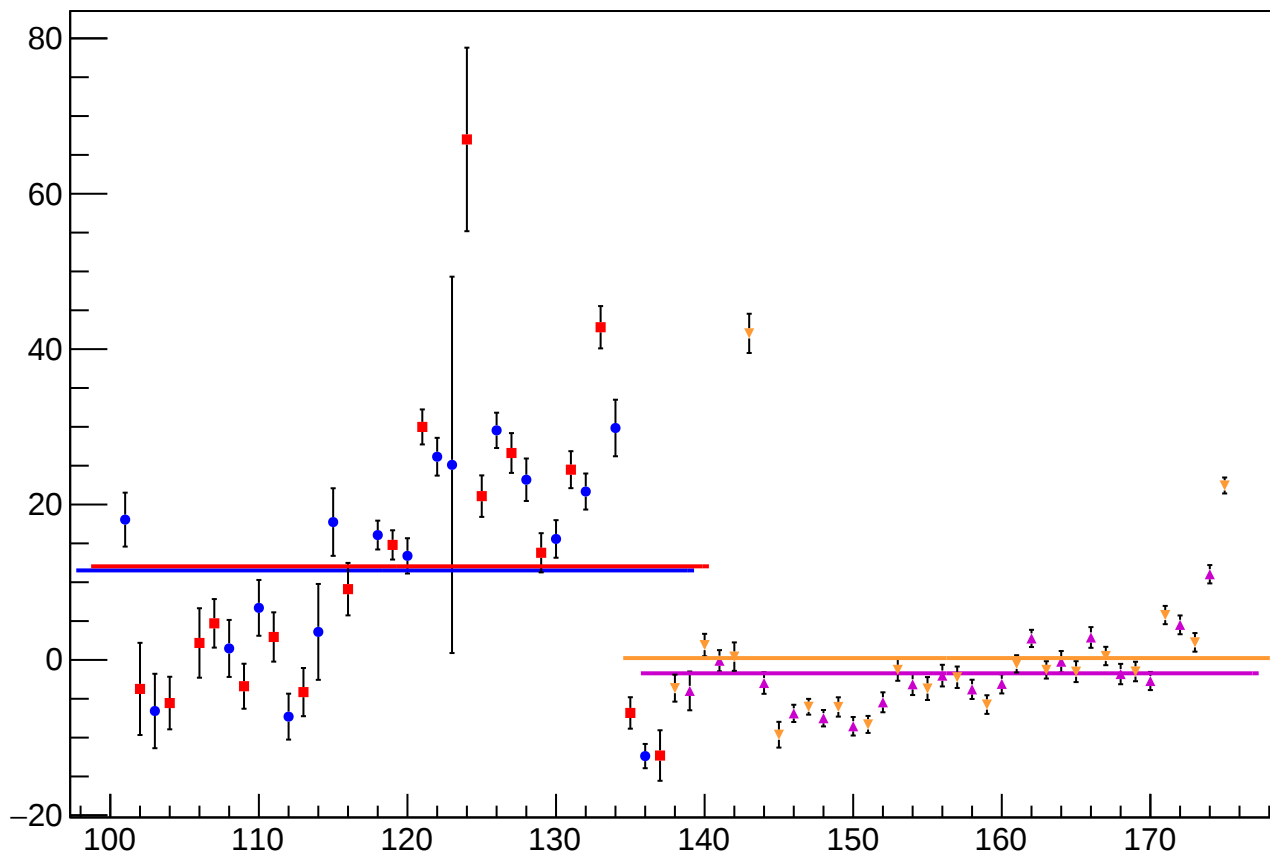
Right: 72.606+/-0.760 χ^2/NDF : 3747.6/34

In: 44.664+/-0.332 χ^2/NDF : 3000.5/34

Out: 45.056+/-0.321 χ^2/NDF : 4428.0/37

All: 44.866+/-0.231 χ^2/NDF : 7429.2/72

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: 0.238 ± 0.287 $\chi^2/\text{NDF}: 975.1/19$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -1.722 ± 0.299 $\chi^2/\text{NDF}: 274.4/17$

Left: -0.702 ± 0.207 $\chi^2/\text{NDF}: 1271.9/37$

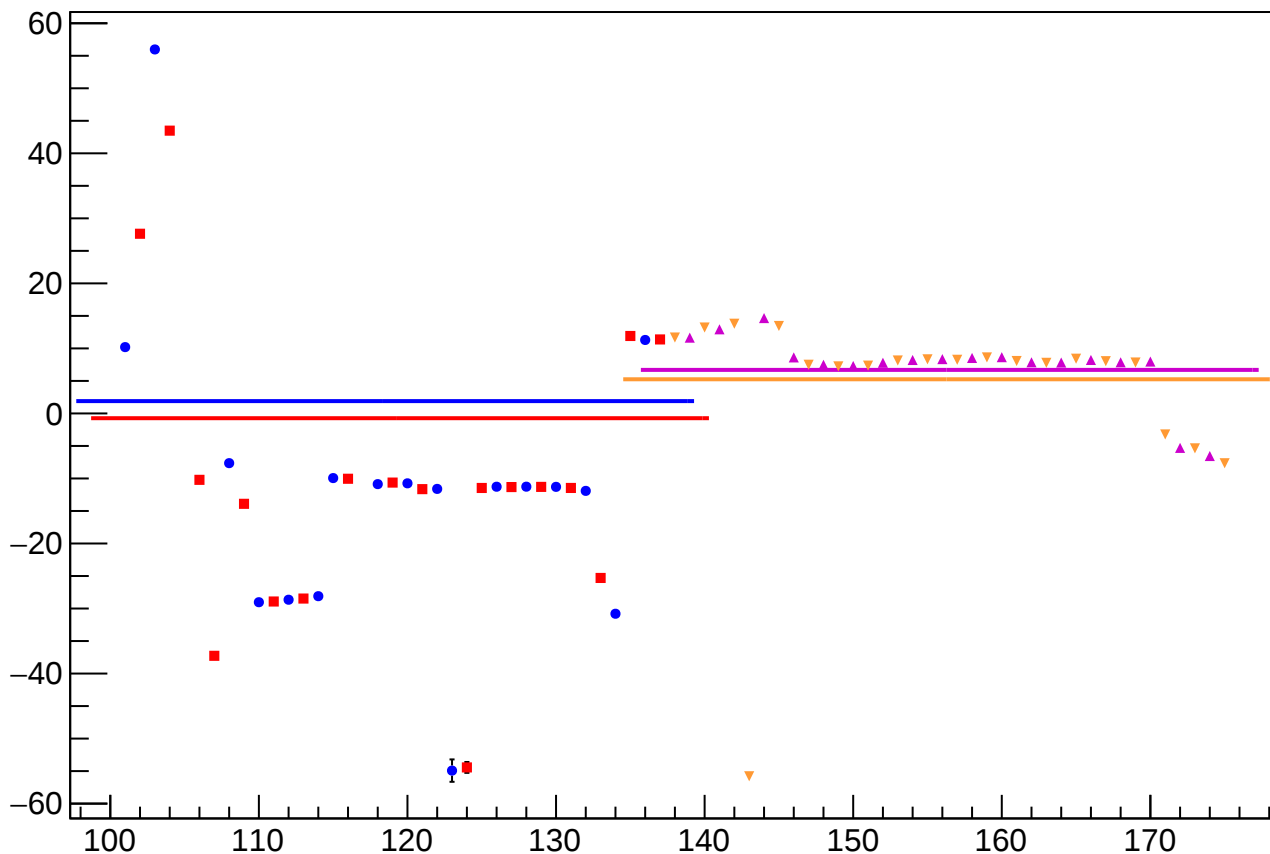
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 0.531 ± 0.272 $\chi^2/\text{NDF}: 1085.9/34$

Out: 2.092 ± 0.263 $\chi^2/\text{NDF}: 1780.0/37$

All: 1.337 ± 0.189 $\chi^2/\text{NDF}: 2882.9/72$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 χ^2/NDF : 358855.7/16

Left Out: 5.252 ± 0.013 χ^2/NDF : 427078.5/19

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 6.697 ± 0.013 χ^2/NDF : 159132.1/17

Left: 5.964 ± 0.009 χ^2/NDF : 592023.0/37

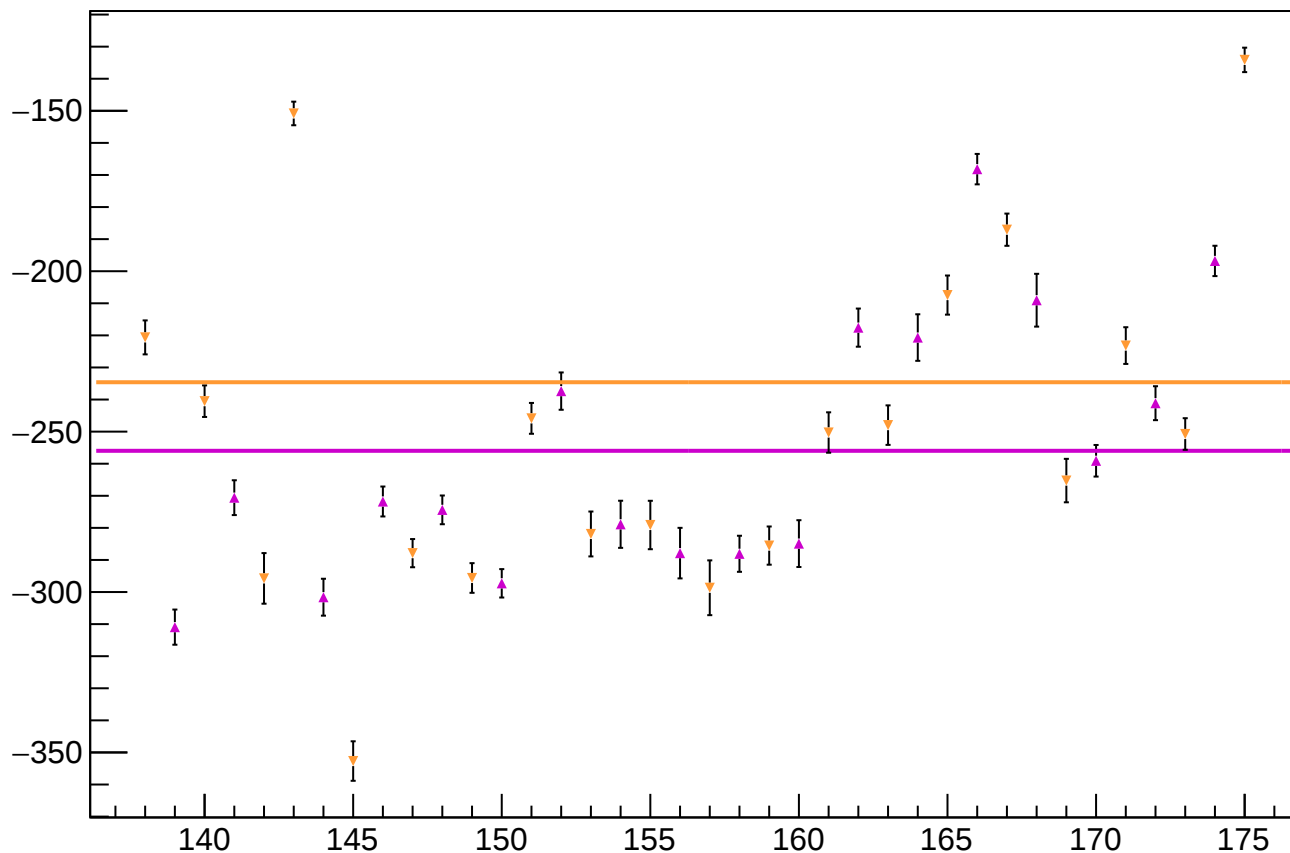
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 6.134 ± 0.013 χ^2/NDF : 532816.3/34

Out: 4.571 ± 0.013 χ^2/NDF : 810057.5/37

All: 5.343 ± 0.009 χ^2/NDF : 1350573.1/72

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -234.604+/-1.199 χ^2/NDF :2343.5/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.979+/-1.305 χ^2/NDF :976.4/17

Left: -244.387+/-0.883 χ^2/NDF : 3465.4/37

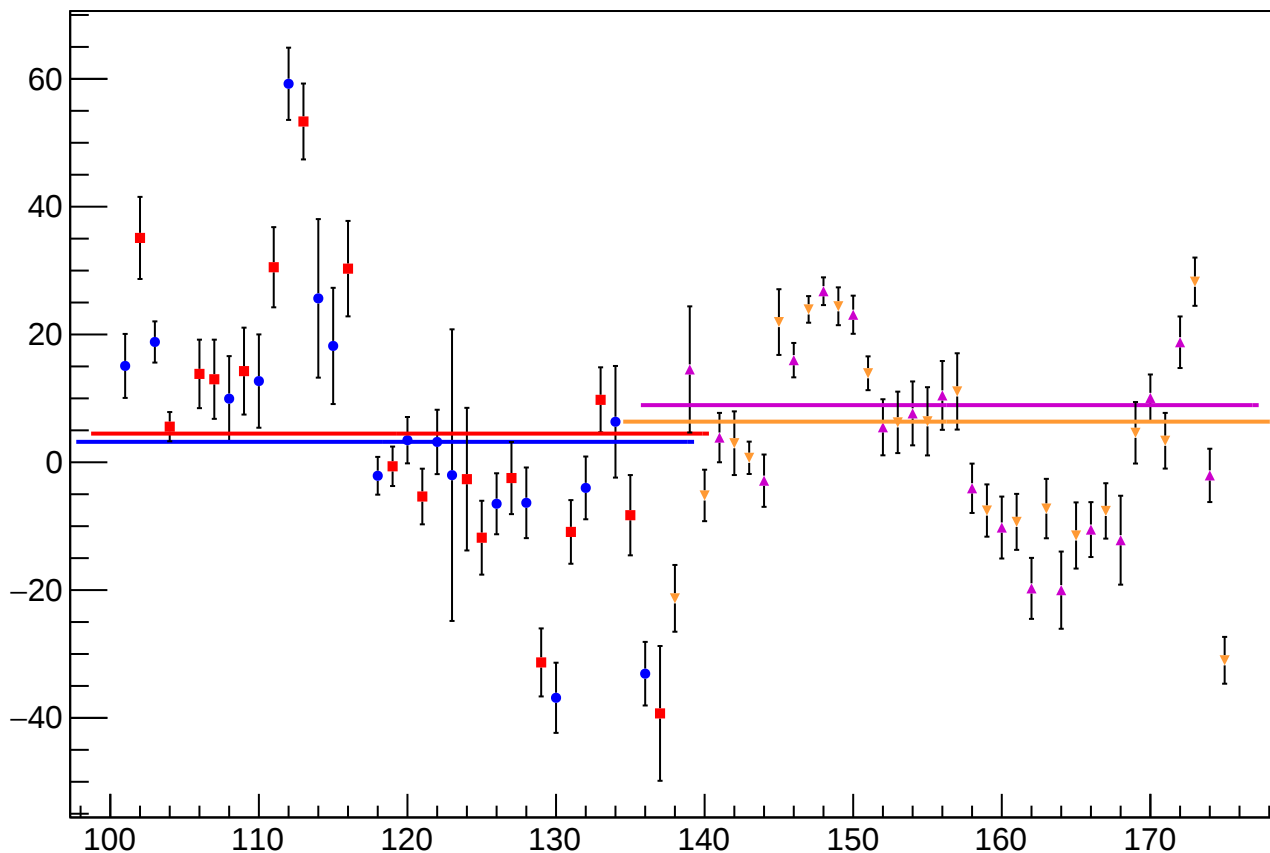
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.979+/-1.305 χ^2/NDF :976.4/17

Out: -234.604+/-1.199 χ^2/NDF :2343.5/19

All: -244.387+/-0.883 χ^2/NDF : 3465.4/37

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 6.361 ± 0.840 $\chi^2/\text{NDF}: 361.5/19$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 8.944 ± 0.923 $\chi^2/\text{NDF}: 236.7/17$

Left: 7.532 ± 0.621 $\chi^2/\text{NDF}: 602.5/37$

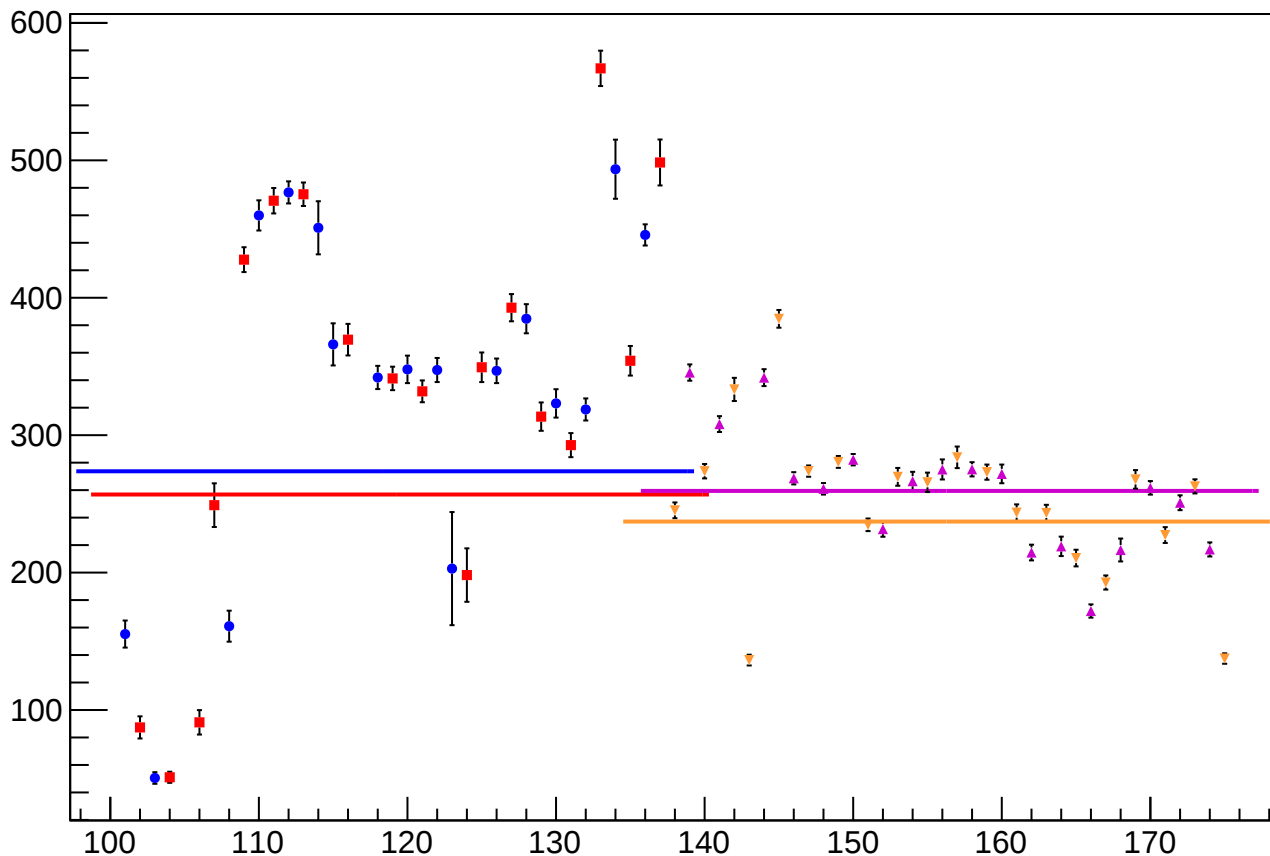
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 6.870 ± 0.737 $\chi^2/\text{NDF}: 505.9/34$

Out: 5.715 ± 0.680 $\chi^2/\text{NDF}: 584.9/37$

All: 6.246 ± 0.500 $\chi^2/\text{NDF}: 1092.1/72$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 237.130 $\pm$ 1.192 χ^2 /NDF:2495.9/19

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 259.434 $\pm$ 1.288 χ^2 /NDF:1058.4/17

Left: 247.421 $\pm$ 0.875 χ^2 /NDF: 3715.8/37

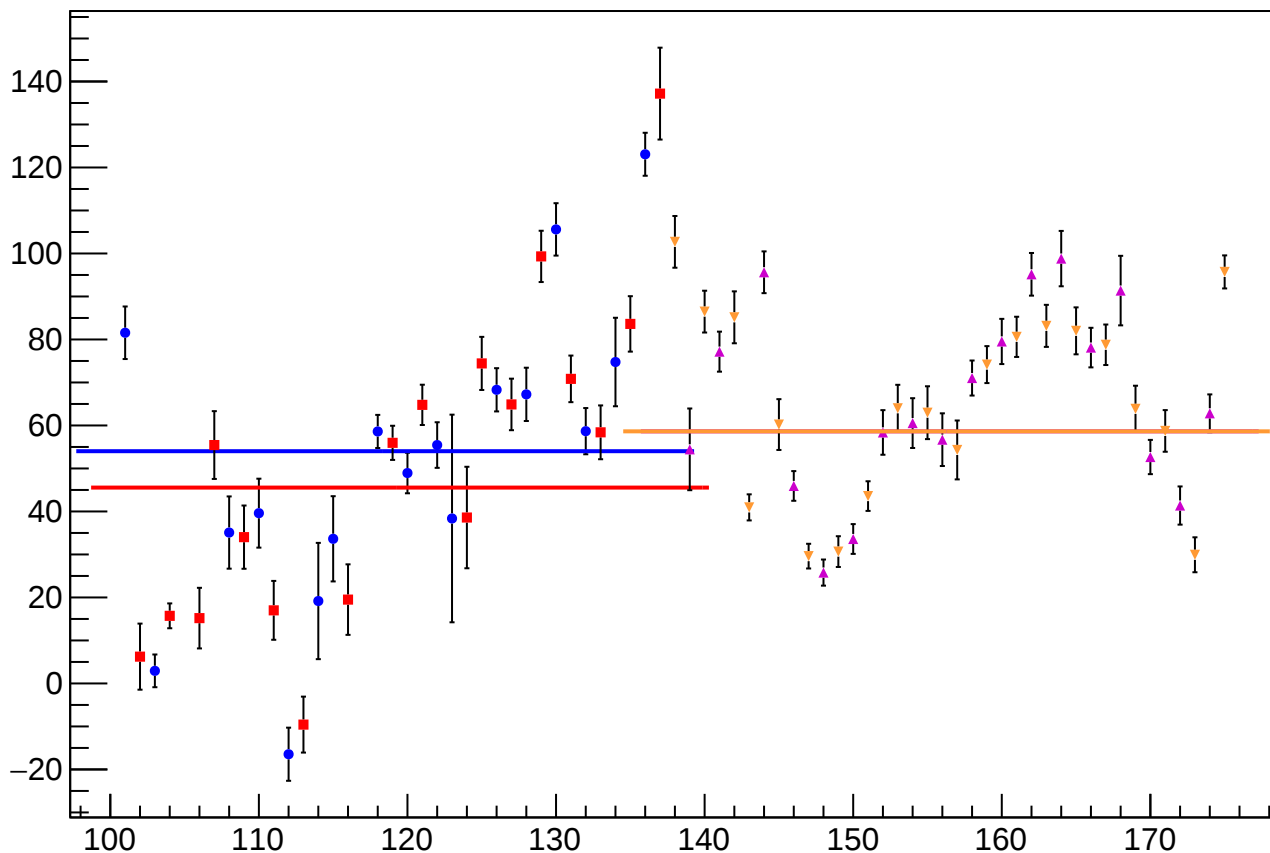
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 263.094 $\pm$ 1.111 χ^2 /NDF:6193.2/34

Out: 241.988 $\pm$ 1.035 χ^2 /NDF:8975.0/37

All: 251.793 $\pm$ 0.757 χ^2 /NDF: 15361.5/72

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 58.632 $\pm$ 0.988 χ^2 /NDF: 564.8/19

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 58.632 $\pm$ 1.079 χ^2 /NDF: 427.9/17

Left: 58.632 $\pm$ 0.729 χ^2 /NDF: 992.6/37

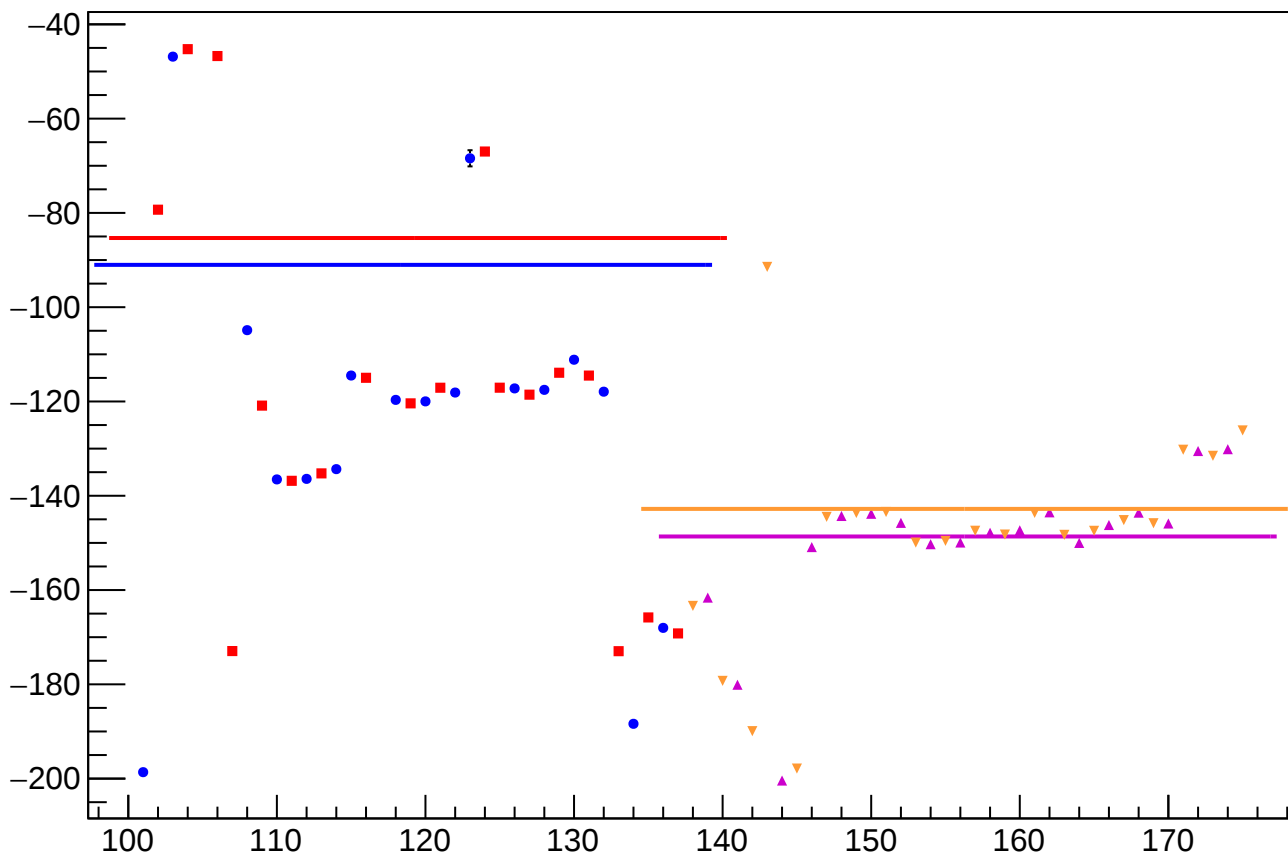
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 56.946 $\pm$ 0.860 χ^2 /NDF: 1067.4/34

Out: 54.109 $\pm$ 0.799 χ^2 /NDF: 1152.0/37

All: 55.423 $\pm$ 0.585 χ^2 /NDF: 2225.3/72

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: -142.786+/-0.048 χ^2/NDF : 224755.6/19

Right Out: -85.325+/-0.065 χ^2/NDF : 483106.3/17

Left In: -148.638+/-0.051 χ^2/NDF : 80498.3/17

Left: -145.561+/-0.035 χ^2/NDF : 312279.4/37

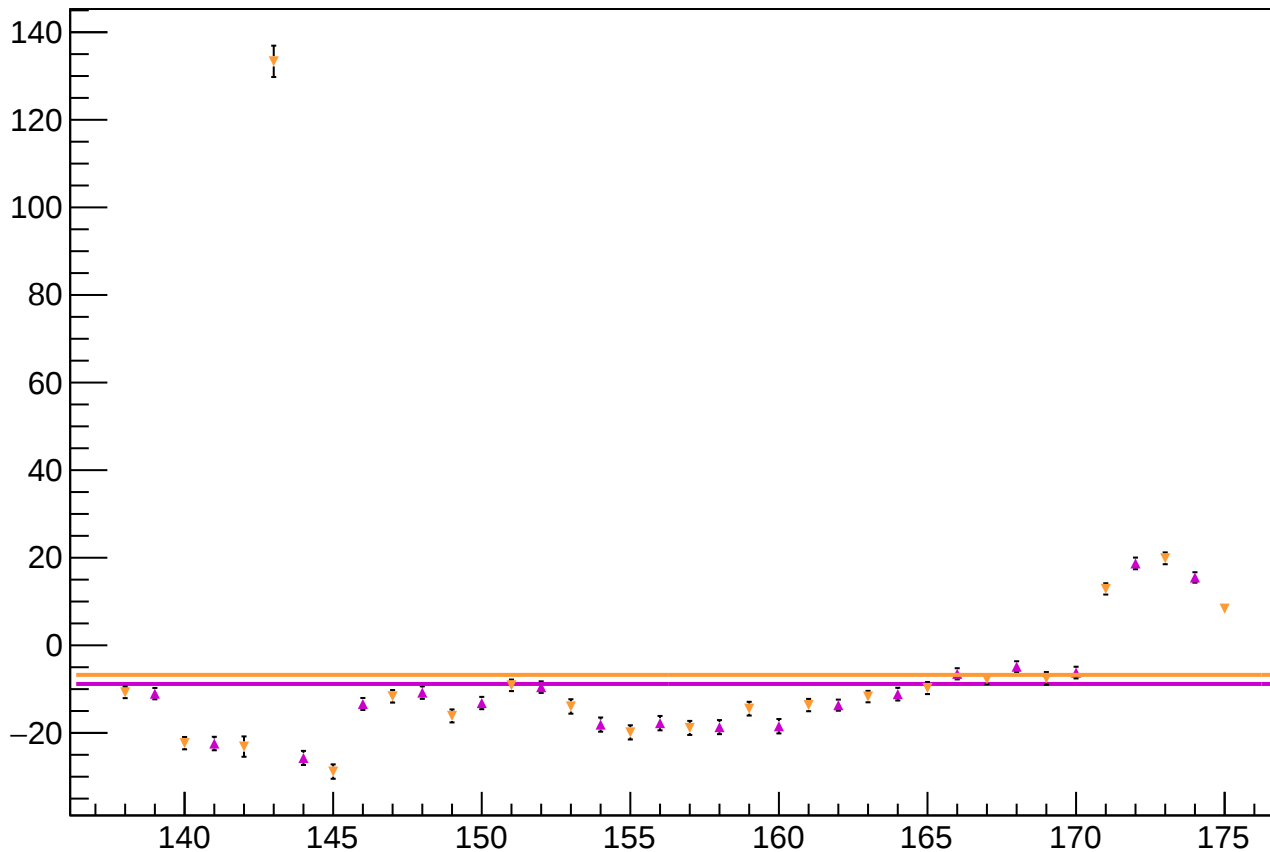
Right: -88.069+/-0.047 χ^2/NDF : 1021045.4/34

In: -127.929+/-0.041 χ^2/NDF : 1080352.8/34

Out: -122.527+/-0.039 χ^2/NDF : 1211294.3/37

All: -125.104+/-0.028 χ^2/NDF : 2300946.4/72

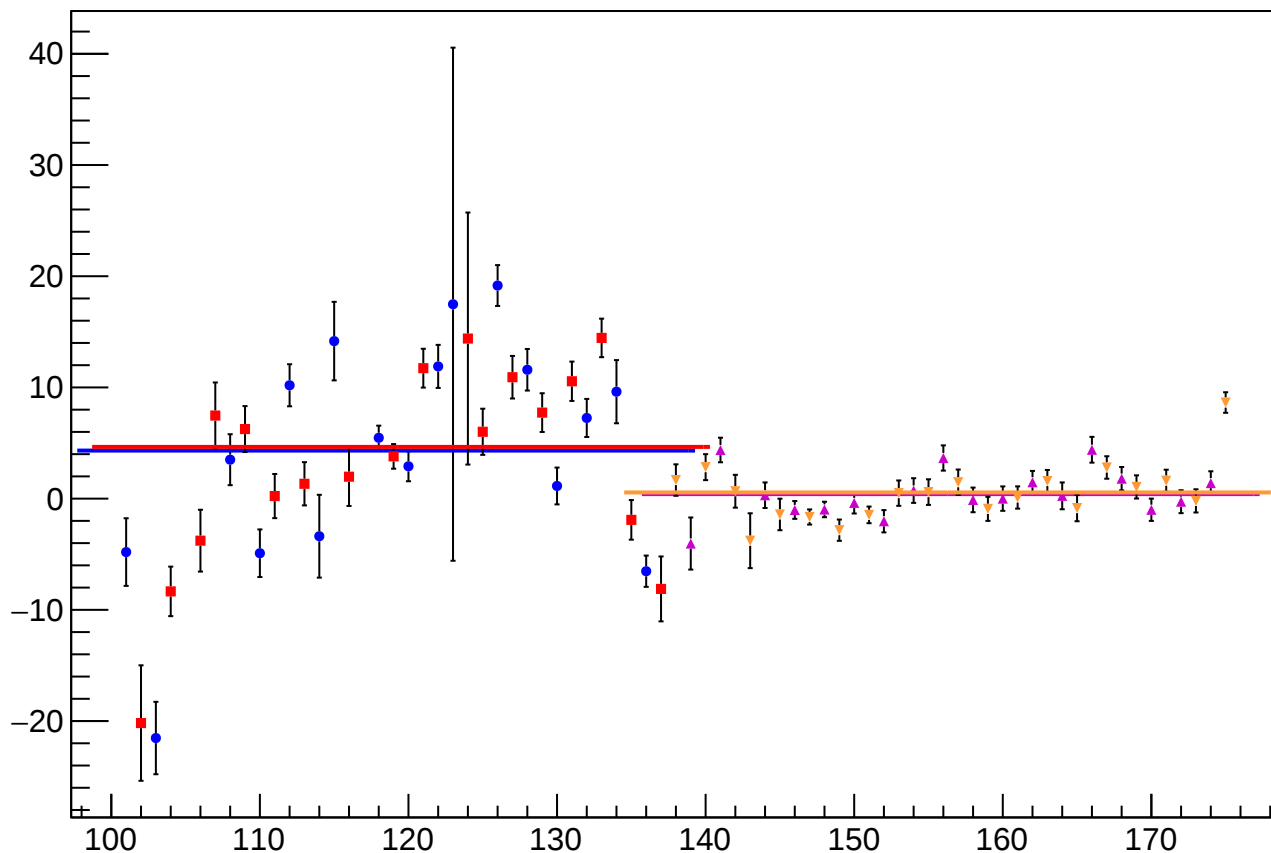
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -6.747 ± 0.319 $\chi^2/\text{NDF}: 3023.7/19$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -8.822 ± 0.330 $\chi^2/\text{NDF}: 1222.4/17$

Left: -7.750 ± 0.229 $\chi^2/\text{NDF}: 4266.6/37$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -8.822 ± 0.330 $\chi^2/\text{NDF}: 1222.4/17$
 Out: -6.747 ± 0.319 $\chi^2/\text{NDF}: 3023.7/19$
 All: -7.750 ± 0.229 $\chi^2/\text{NDF}: 4266.6/37$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.558 ± 0.234 χ^2/NDF : 128.3/19

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 0.406 ± 0.244 χ^2/NDF : 56.8/17

Left: 0.485 ± 0.169 χ^2/NDF : 185.4/37

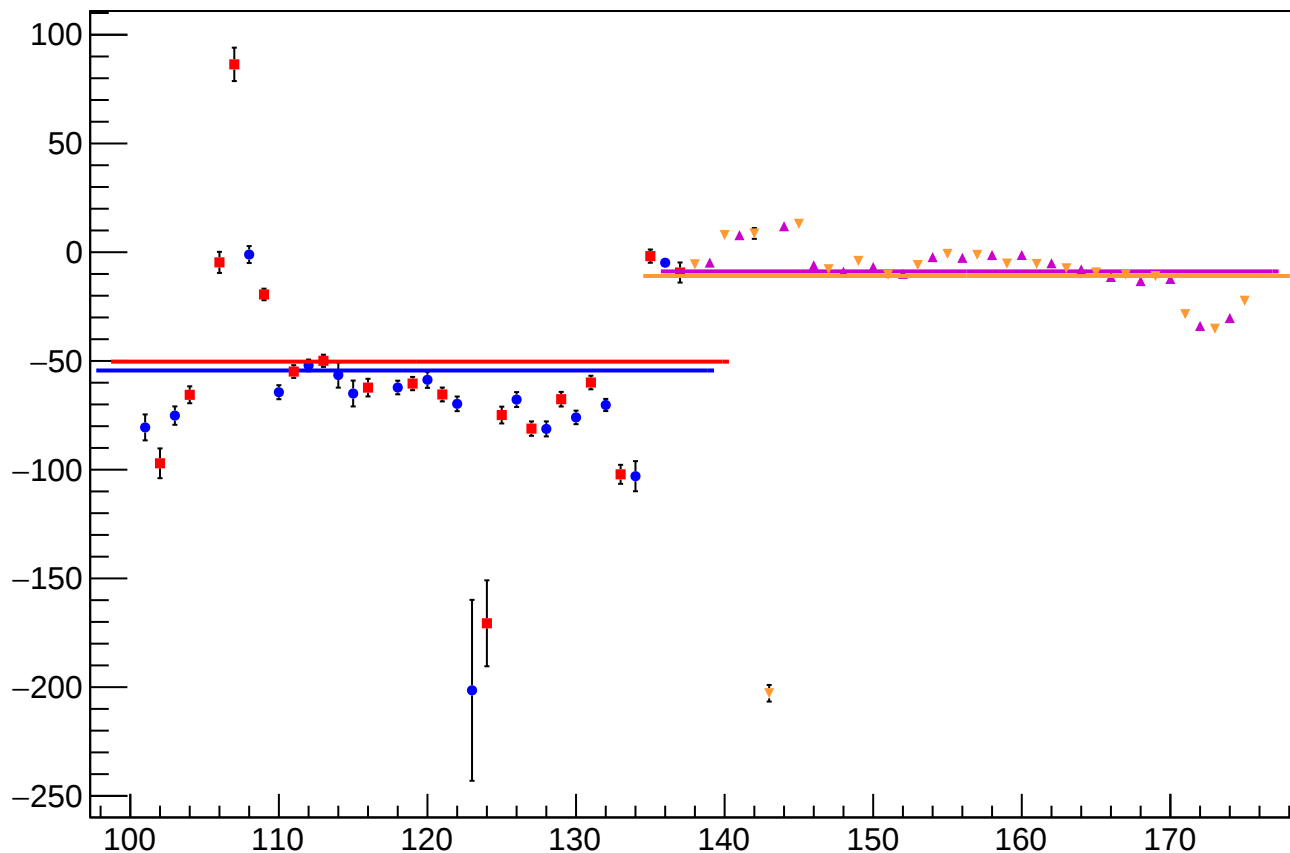
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 1.249 ± 0.216 χ^2/NDF : 392.7/34

Out: 1.360 ± 0.210 χ^2/NDF : 372.8/37

All: 1.306 ± 0.150 χ^2/NDF : 765.6/72

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -10.945 ± 0.315 $\chi^2/\text{NDF}: 3743.2/19$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -8.819 ± 0.326 $\chi^2/\text{NDF}: 995.7/17$

Left: -9.919 ± 0.227 $\chi^2/\text{NDF}: 4760.9/37$

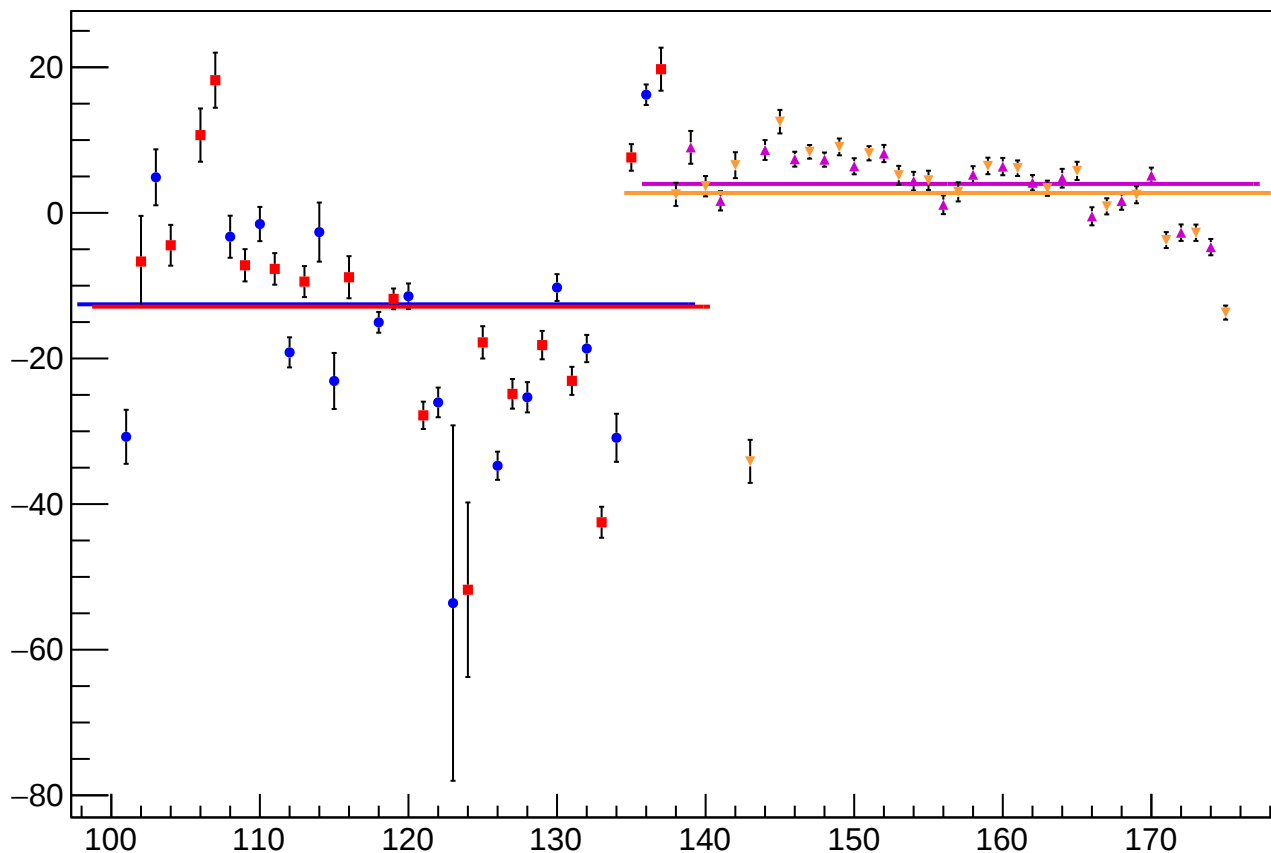
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -14.497 ± 0.305 $\chi^2/\text{NDF}: 4442.0/34$

Out: -15.624 ± 0.296 $\chi^2/\text{NDF}: 6916.5/37$

All: -15.078 ± 0.212 $\chi^2/\text{NDF}: 11365.5/72$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 2.734 ± 0.269 χ^2/NDF : 677.1/19

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 3.979 ± 0.280 χ^2/NDF : 183.0/17

Left: 3.330 ± 0.194 χ^2/NDF : 870.4/37

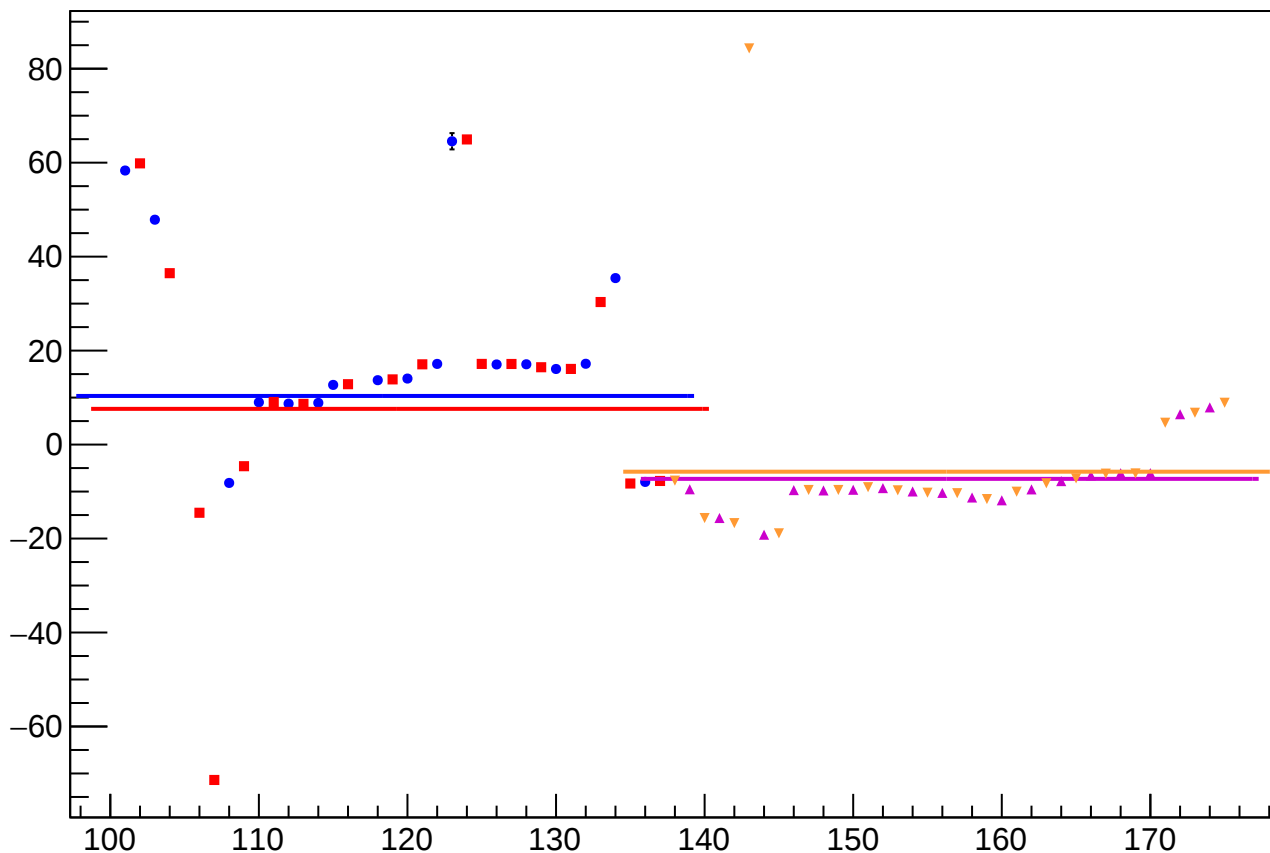
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: 0.383 ± 0.248 χ^2/NDF : 1720.5/34

Out: -0.379 ± 0.240 χ^2/NDF : 2077.5/37

All: -0.010 ± 0.173 χ^2/NDF : 3802.9/72

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: -5.771+/-0.012 χ^2/NDF : 685059.3/19

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -7.297+/-0.013 χ^2/NDF : 255595.9/17

Left: -6.524+/-0.009 χ^2/NDF : 948072.7/37

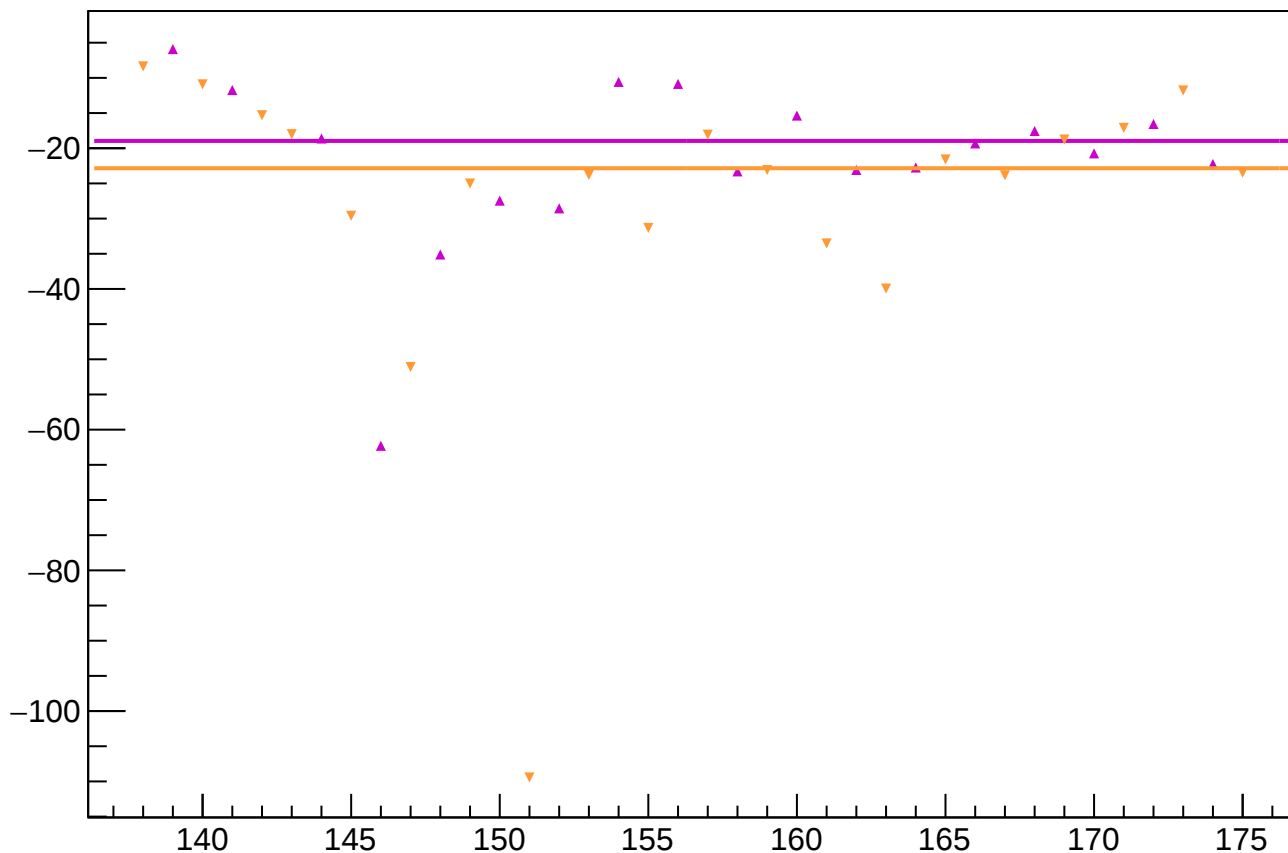
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -4.730+/-0.012 χ^2/NDF : 921060.0/34

Out: -3.945+/-0.012 χ^2/NDF : 1381210.7/37

All: -4.334+/-0.008 χ^2/NDF : 2304555.9/72

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.844+/-0.051 χ^2/NDF :62466.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Left: -20.762+/-0.035 χ^2/NDF : 103922.9/37

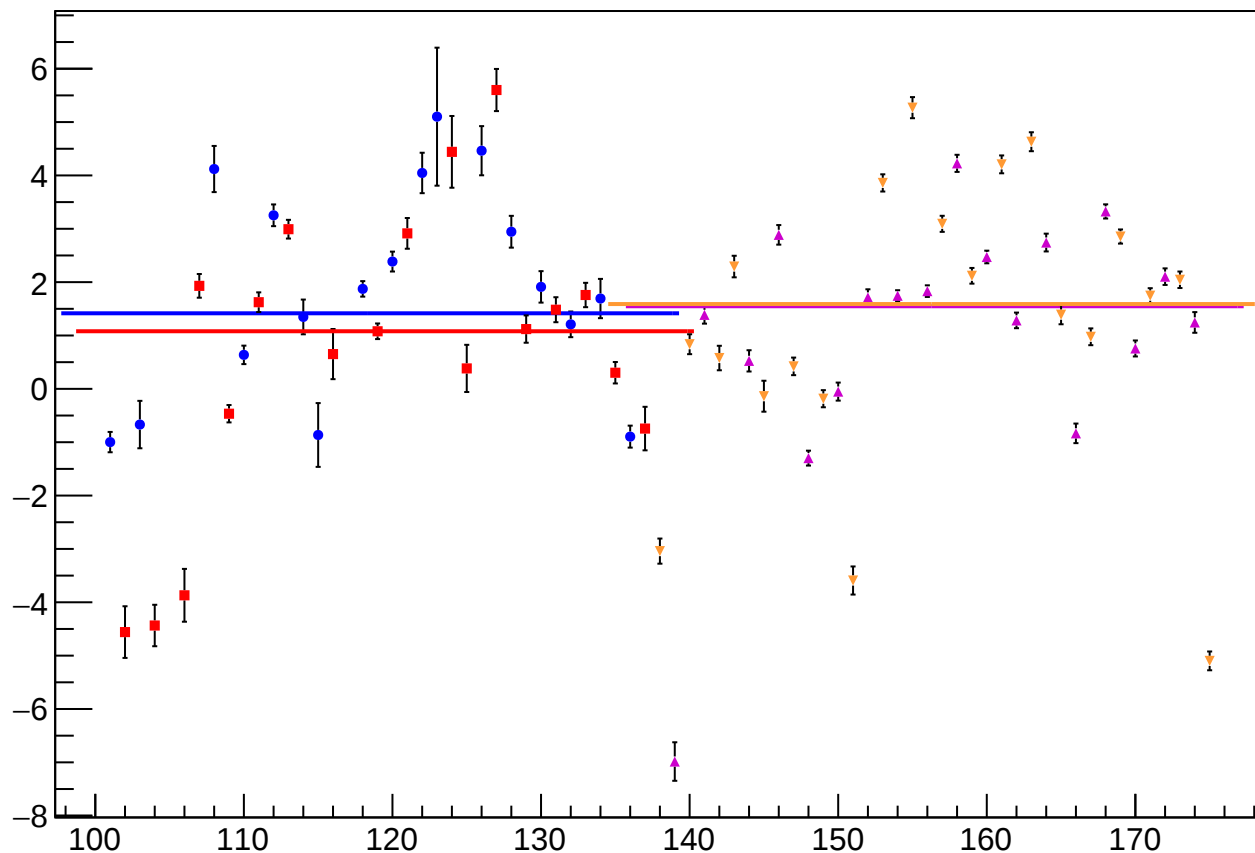
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Out: -22.844+/-0.051 χ^2/NDF :62466.6/19

All: -20.762+/-0.035 χ^2/NDF : 103922.9/37

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.589 $\pm$ 0.039 χ^2 /NDF:3785.4/19

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 1.548 $\pm$ 0.035 χ^2 /NDF:1940.0/17

Left: 1.567 $\pm$ 0.026 χ^2 /NDF: 5726.0/37

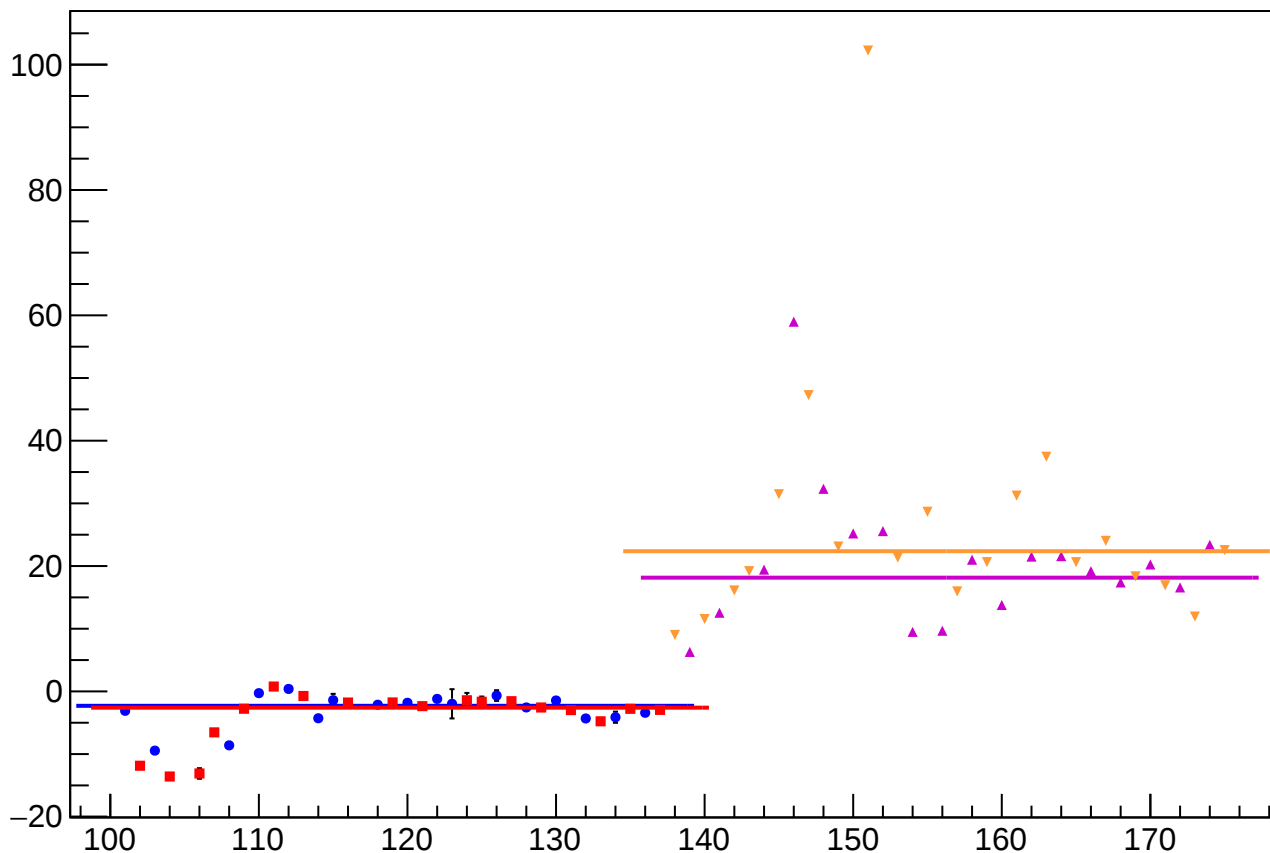
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 1.515 $\pm$ 0.031 χ^2 /NDF:2574.7/34

Out: 1.433 $\pm$ 0.032 χ^2 /NDF:4754.7/37

All: 1.476 $\pm$ 0.022 χ^2 /NDF: 7332.8/72

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.369 ± 0.051 χ^2/NDF : 55651.2/19

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 18.146 ± 0.047 χ^2/NDF : 36447.7/17

Left: 20.077 ± 0.034 χ^2/NDF : 95841.4/37

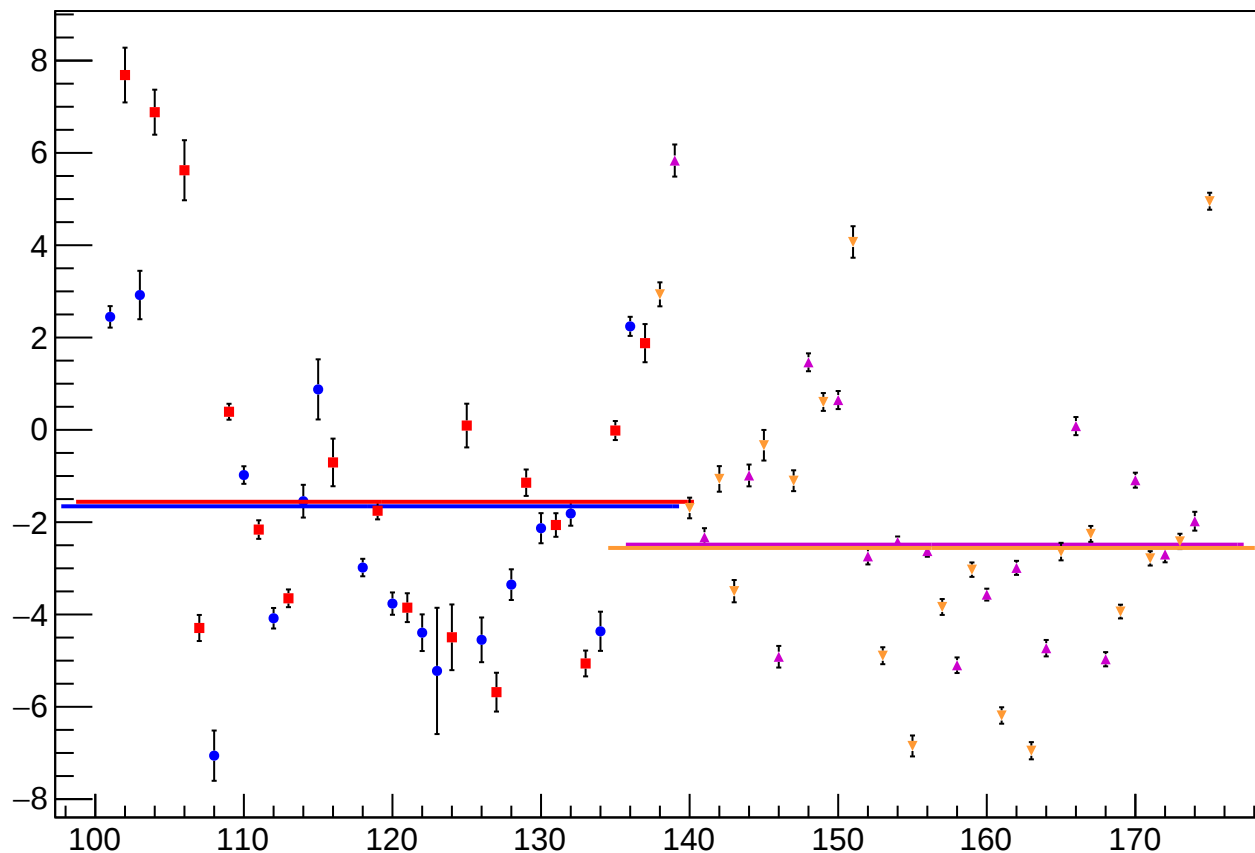
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 15.065 ± 0.043 χ^2/NDF : 65786.0/34

Out: 17.180 ± 0.045 χ^2/NDF : 106631.5/37

All: 16.069 ± 0.031 χ^2/NDF : 173565.1/72

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -2.558 ± 0.044 χ^2/NDF : 4550.4/19

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -2.487 ± 0.040 χ^2/NDF : 2387.5/17

Left: -2.520 ± 0.029 χ^2/NDF : 6939.3/37

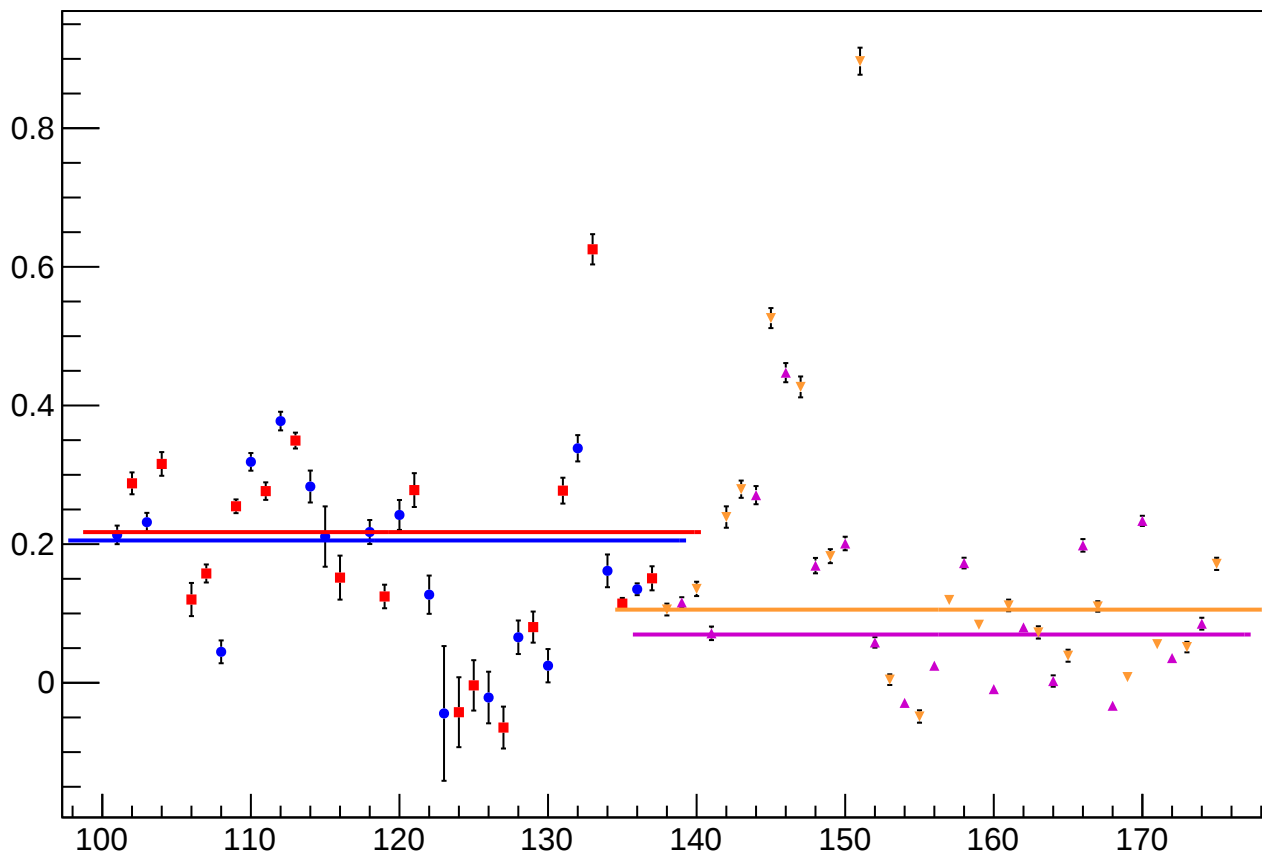
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -2.285 ± 0.035 χ^2/NDF : 3763.8/34

Out: -2.253 ± 0.036 χ^2/NDF : 6195.9/37

All: -2.269 ± 0.025 χ^2/NDF : 9960.1/72

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.106 ± 0.002 χ^2/NDF : 4206.3/19

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.070 ± 0.002 χ^2/NDF : 3211.5/17

Left: 0.085 ± 0.001 χ^2/NDF : 7605.5/37

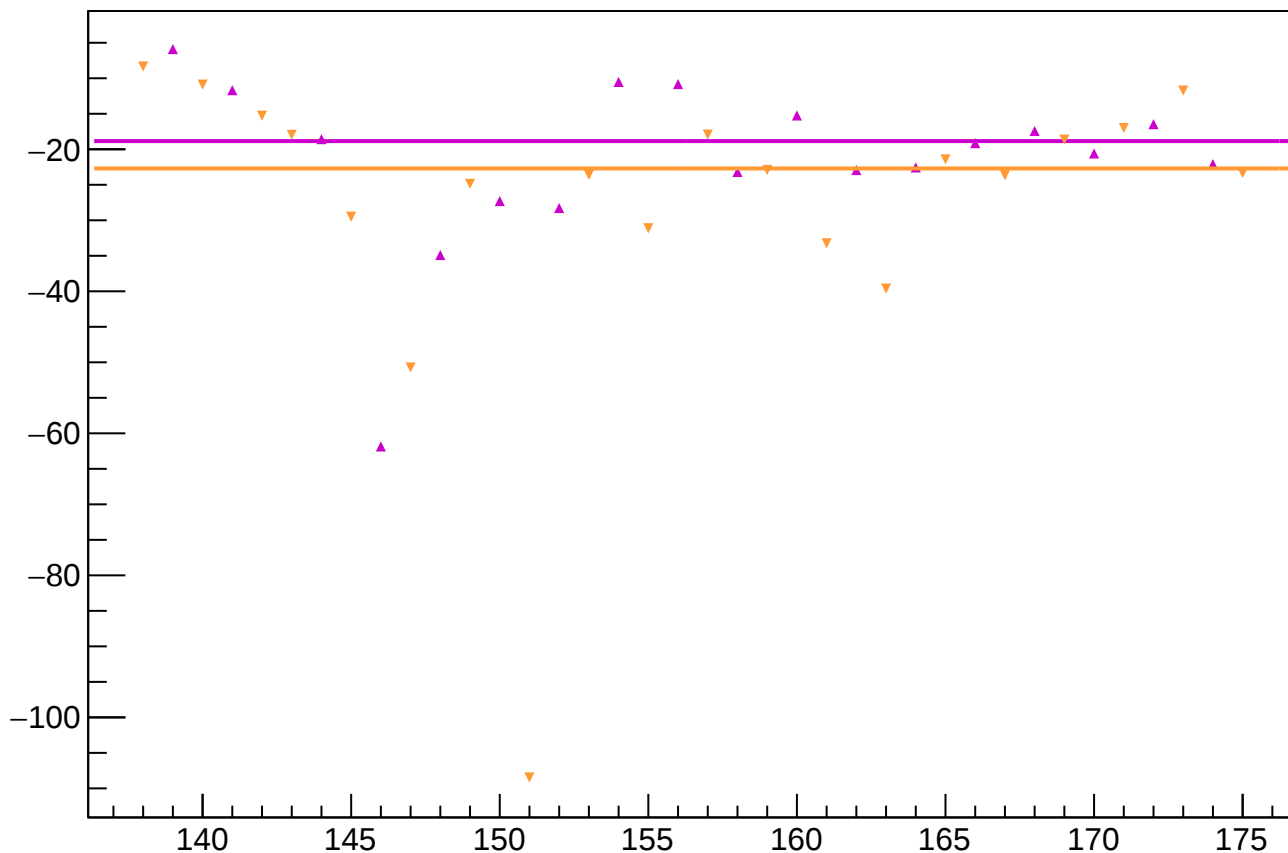
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.090 ± 0.002 χ^2/NDF : 4745.4/34

Out: 0.130 ± 0.002 χ^2/NDF : 5936.2/37

All: 0.108 ± 0.001 χ^2/NDF : 10968.0/72

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.701+/-0.051 χ^2/NDF :62279.1/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Left: -20.636+/-0.035 χ^2/NDF : 103636.1/37

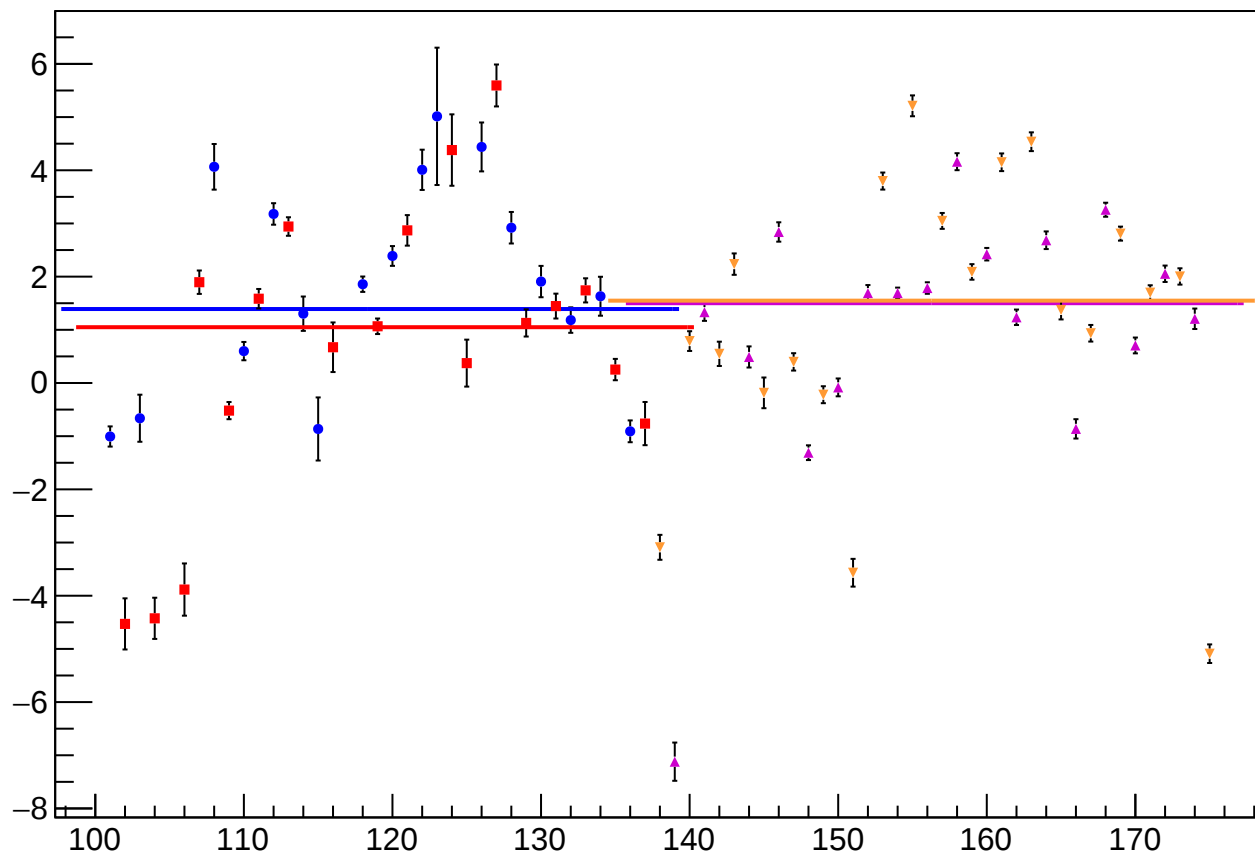
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Out: -22.701+/-0.051 χ^2/NDF :62279.1/19

All: -20.636+/-0.035 χ^2/NDF : 103636.1/37

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.548 ± 0.038 χ^2/NDF : 3784.3/19

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.501 ± 0.035 χ^2/NDF : 1951.1/17

Left: 1.522 ± 0.026 χ^2/NDF : 5736.2/37

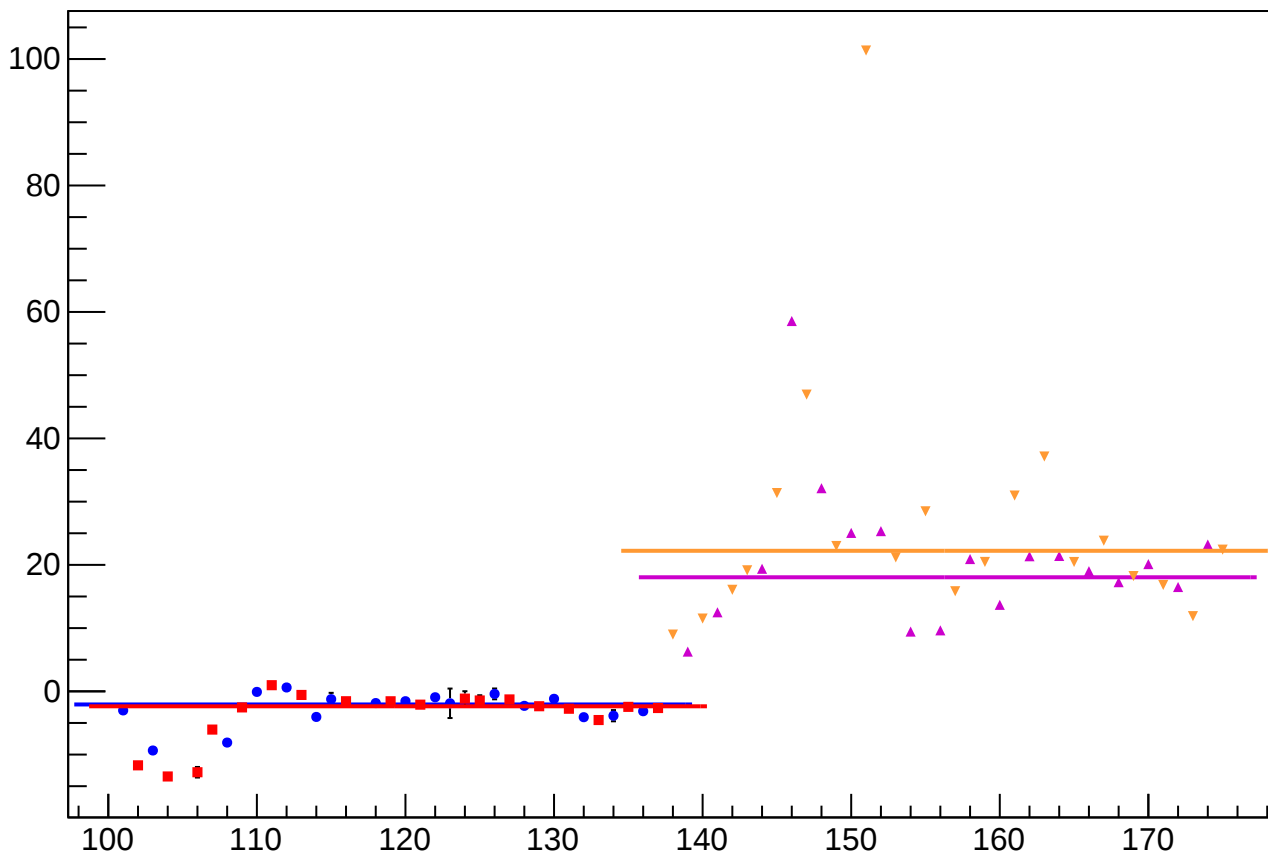
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.473 ± 0.030 χ^2/NDF : 2582.7/34

Out: 1.396 ± 0.032 χ^2/NDF : 4755.6/37

All: 1.436 ± 0.022 χ^2/NDF : 7341.4/72

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.227 ± 0.051 χ^2/NDF : 55504.3/19

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 18.039 ± 0.046 χ^2/NDF : 36368.7/17

Left: 19.955 ± 0.034 χ^2/NDF : 95601.1/37

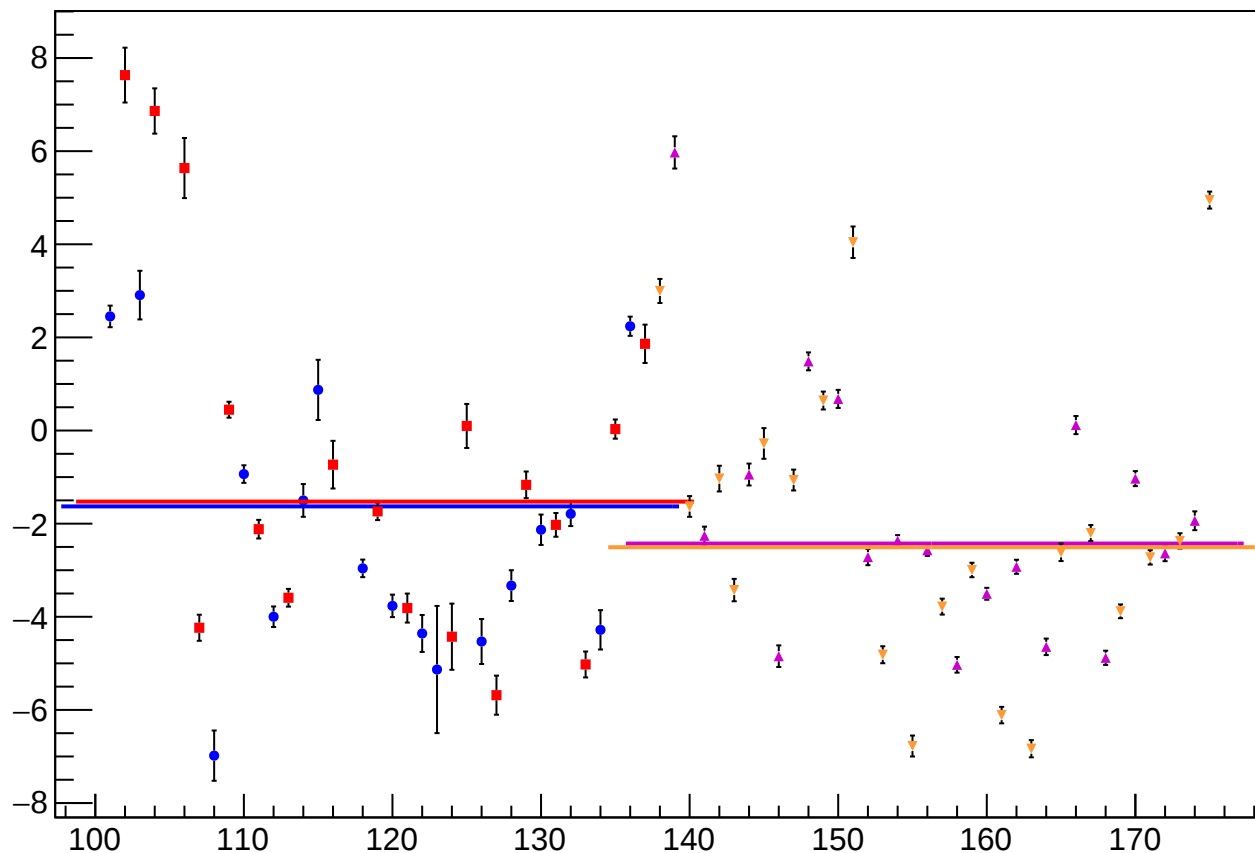
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 15.015 ± 0.043 χ^2/NDF : 65074.9/34

Out: 17.126 ± 0.045 χ^2/NDF : 105562.3/37

All: 16.017 ± 0.031 χ^2/NDF : 171793.9/72

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.506 ± 0.043 χ^2/NDF : 4547.5/19

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.427 ± 0.040 χ^2/NDF : 2399.0/17

Left: -2.463 ± 0.029 χ^2/NDF : 6948.3/37

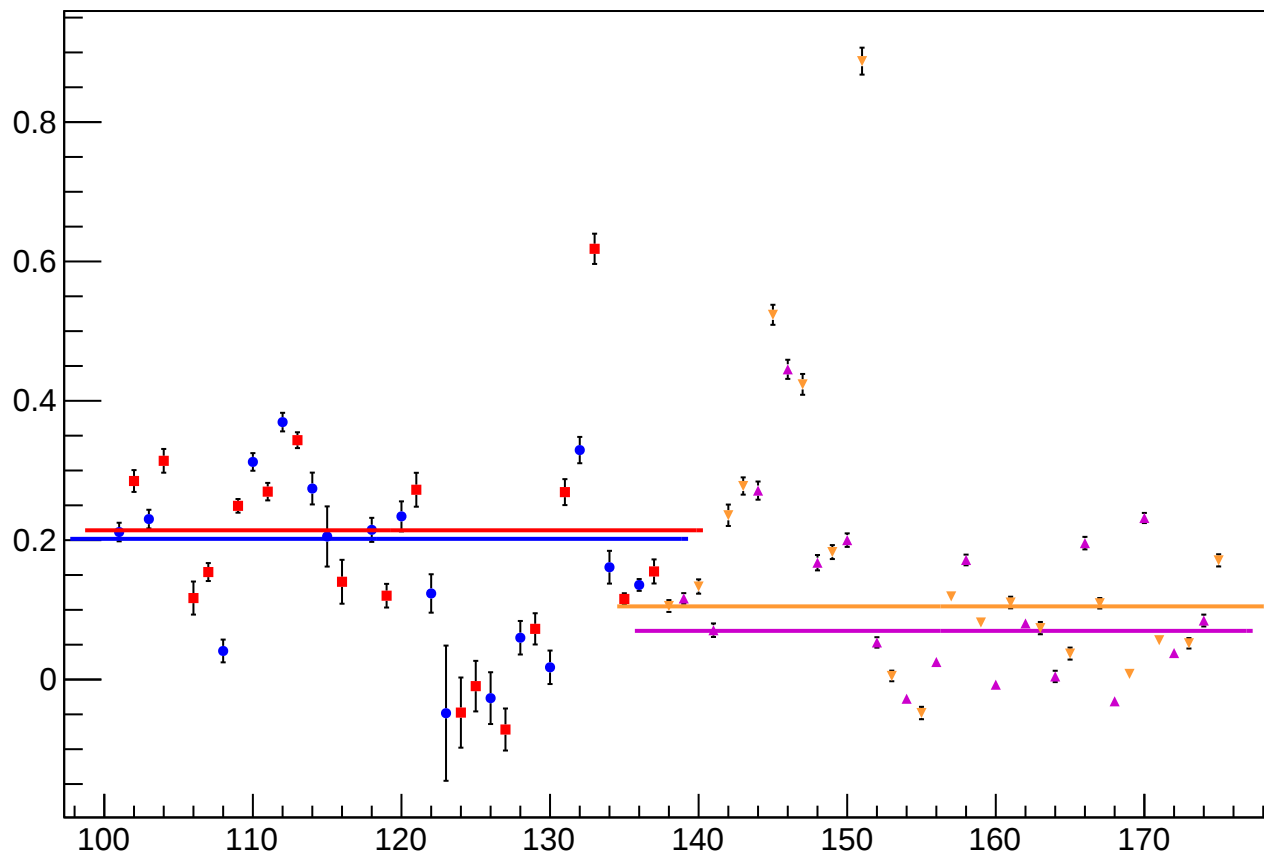
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -2.233 ± 0.035 χ^2/NDF : 3763.4/34

Out: -2.208 ± 0.036 χ^2/NDF : 6191.9/37

All: -2.221 ± 0.025 χ^2/NDF : 9955.5/72

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.085 $\pm$ 0.001 χ^2 /NDF: 7565.4/37

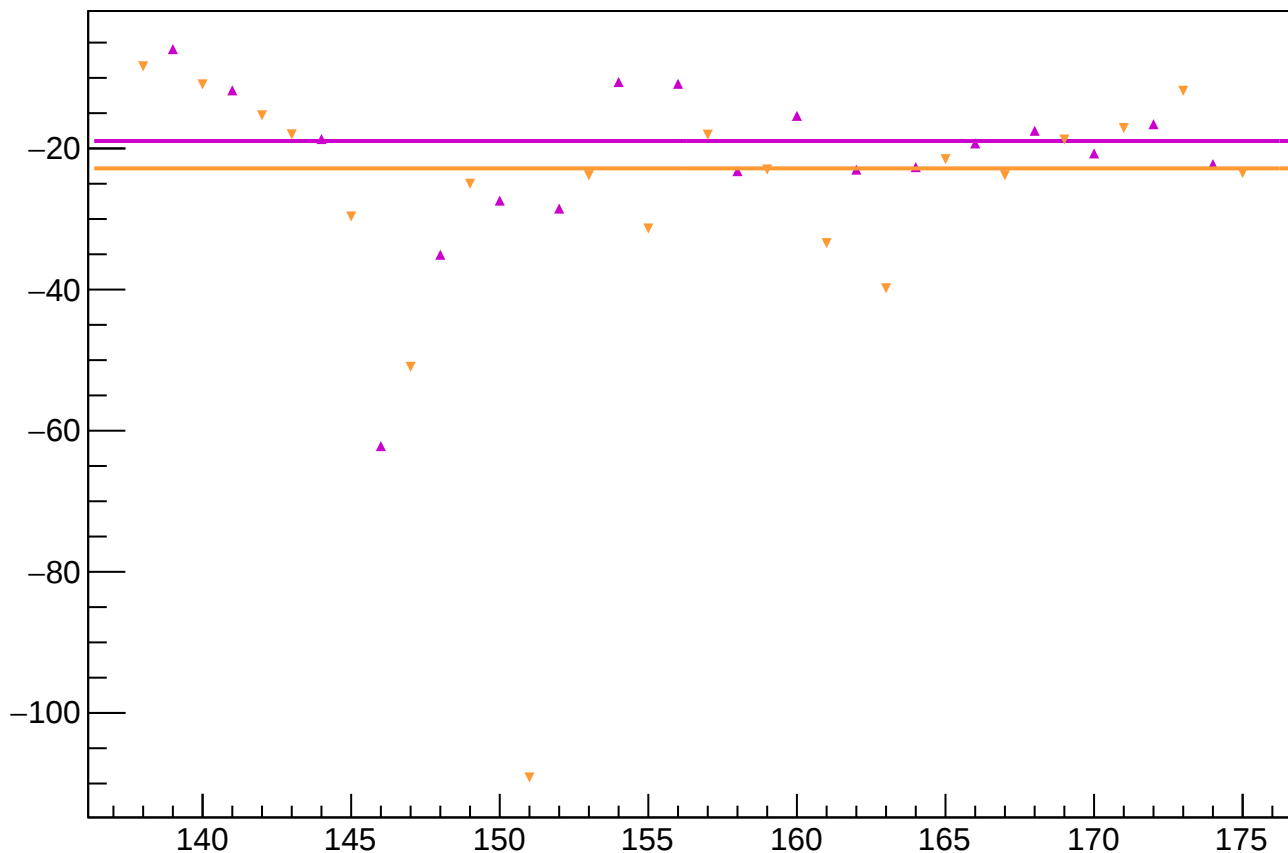
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4663.7/34

Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5884.4/37

All: 0.108 $\pm$ 0.001 χ^2 /NDF: 10826.6/72

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.826+/-0.051 χ^2/NDF :62394.2/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Left: -20.744+/-0.035 χ^2/NDF : 103837.1/37

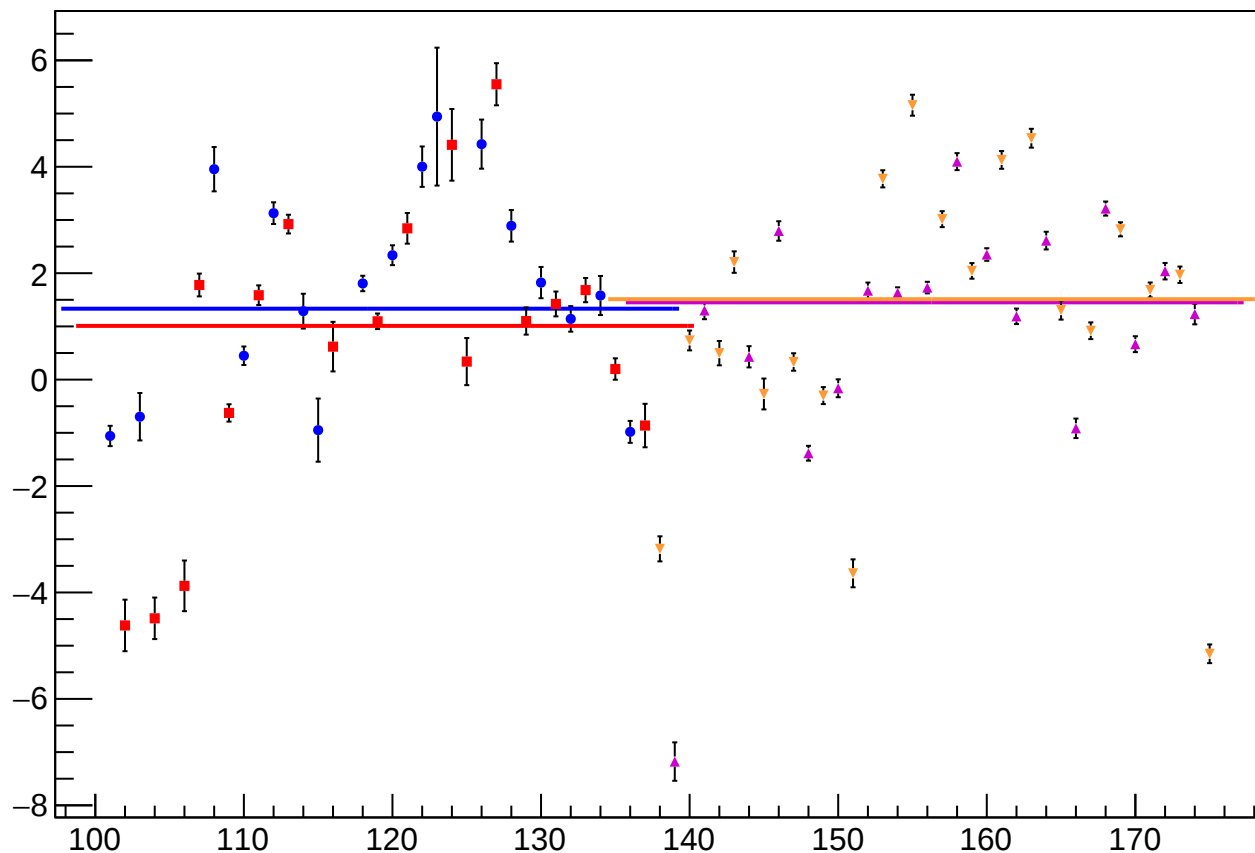
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Out: -22.826+/-0.051 χ^2/NDF :62394.2/19

All: -20.744+/-0.035 χ^2/NDF : 103837.1/37

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.511 ± 0.039 χ^2/NDF : 3803.8/19

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.452 ± 0.035 χ^2/NDF : 1941.0/17

Left: 1.479 ± 0.026 χ^2/NDF : 5746.1/37

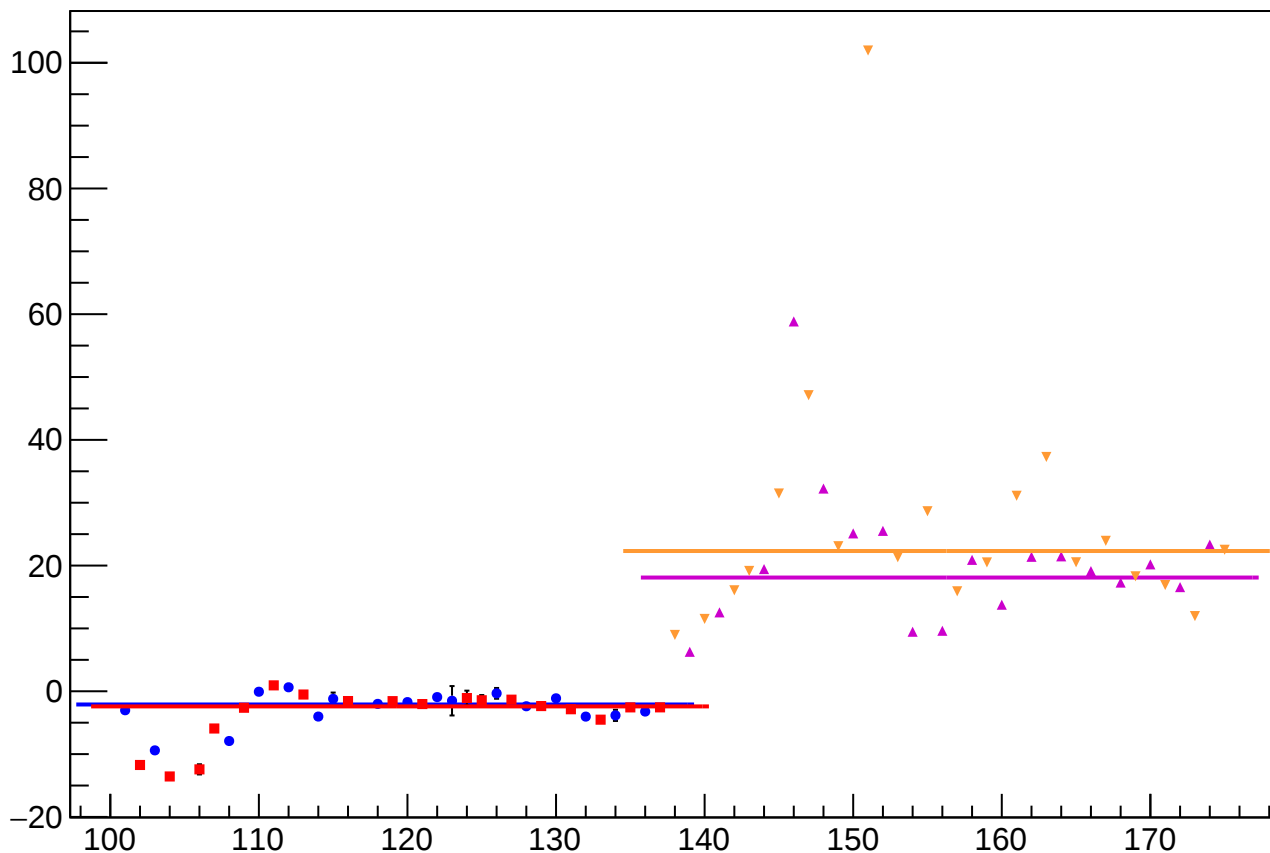
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.422 ± 0.031 χ^2/NDF : 2578.4/34

Out: 1.358 ± 0.032 χ^2/NDF : 4785.9/37

All: 1.392 ± 0.022 χ^2/NDF : 7366.4/72

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 22.317 ± 0.051 $\chi^2/\text{NDF}: 55602.6/19$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 18.095 ± 0.047 $\chi^2/\text{NDF}: 36446.4/17$

Left: 20.025 ± 0.034 $\chi^2/\text{NDF}: 95808.4/37$

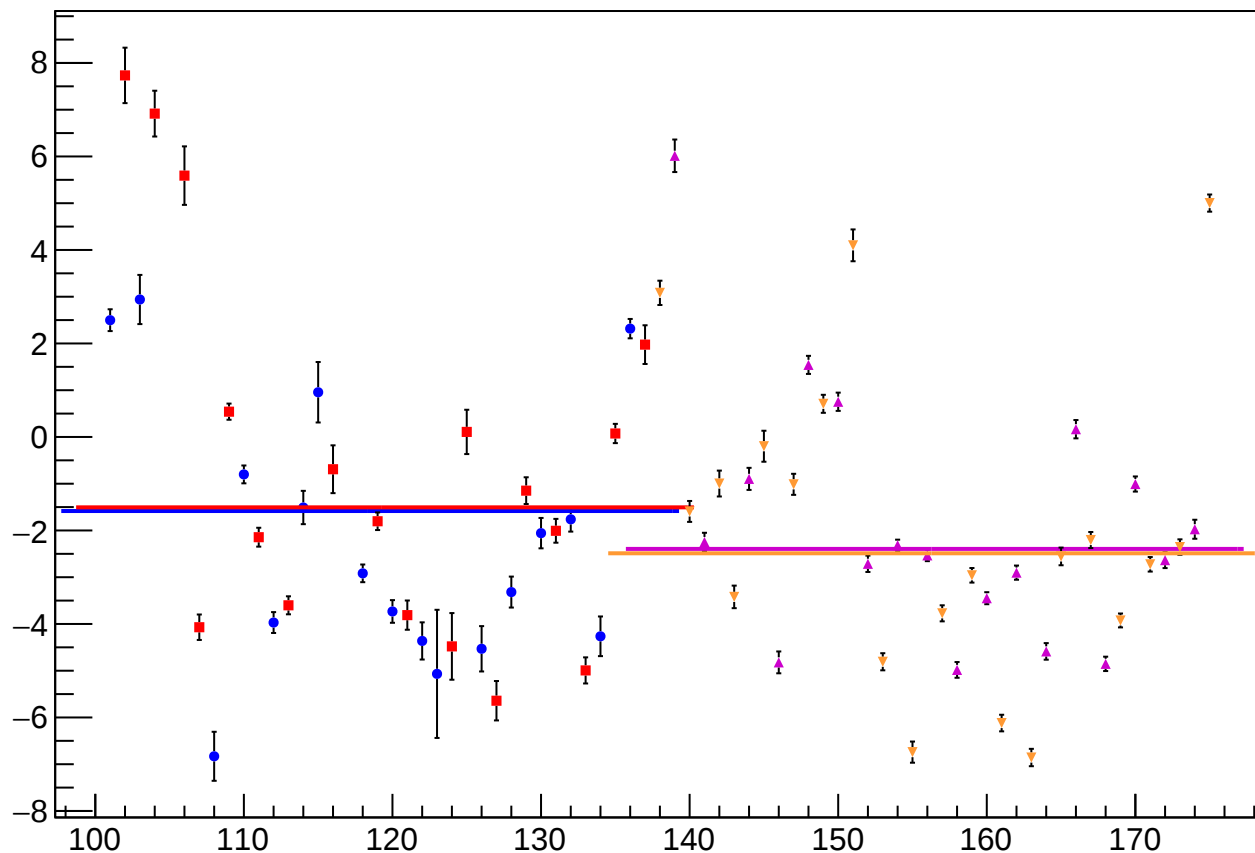
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 15.066 ± 0.043 $\chi^2/\text{NDF}: 65098.2/34$

Out: 17.194 ± 0.045 $\chi^2/\text{NDF}: 105716.8/37$

All: 16.076 ± 0.031 $\chi^2/\text{NDF}: 171980.5/72$

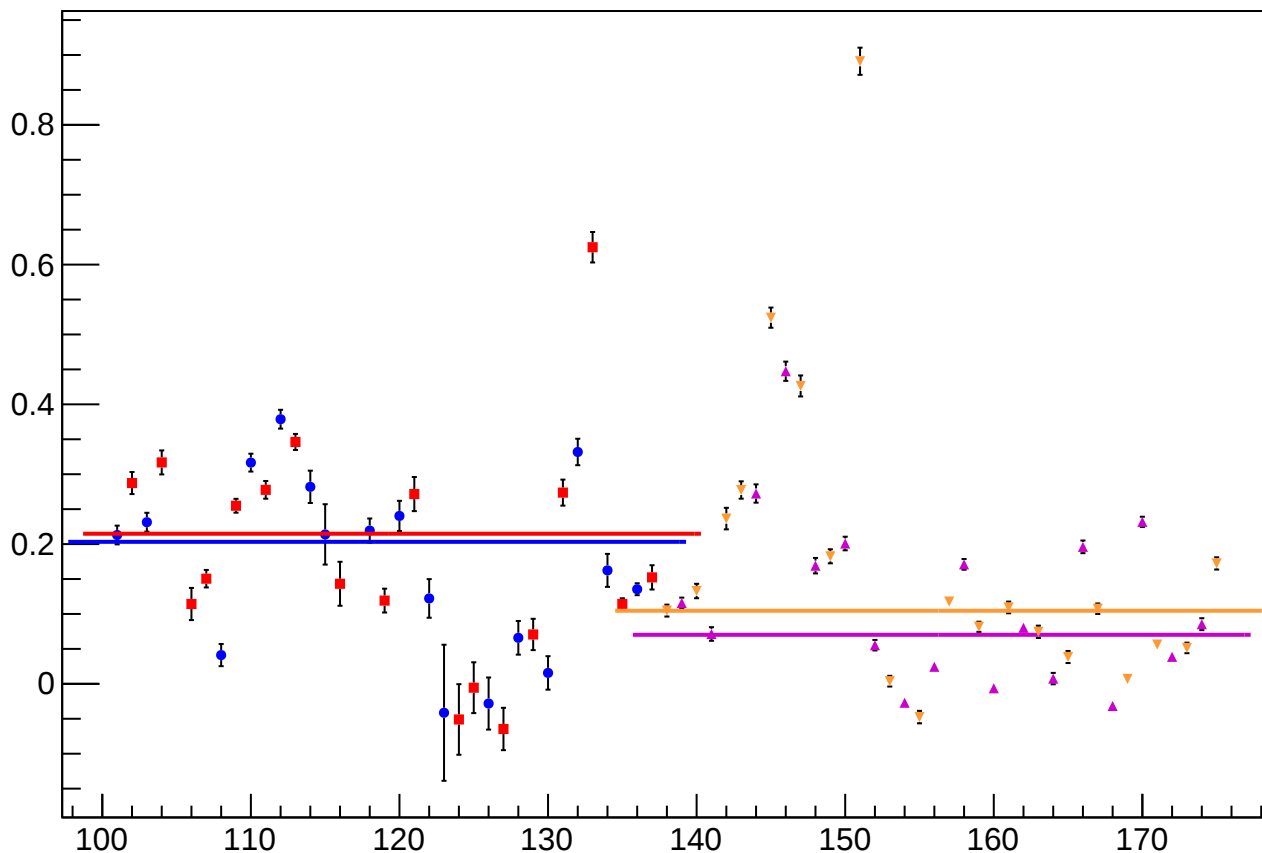
reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$
 Left Out: -2.488 ± 0.043 $\chi^2/\text{NDF}: 4576.0/19$
 Right Out: -1.506 ± 0.066 $\chi^2/\text{NDF}: 1499.8/17$
 Left In: -2.394 ± 0.040 $\chi^2/\text{NDF}: 2387.2/17$

Left: -2.437 ± 0.029 $\chi^2/\text{NDF}: 6965.7/37$
 Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$
 In: -2.198 ± 0.035 $\chi^2/\text{NDF}: 3759.5/34$
 Out: -2.189 ± 0.036 $\chi^2/\text{NDF}: 6231.7/37$
 All: -2.193 ± 0.025 $\chi^2/\text{NDF}: 9991.2/72$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.105 ± 0.002 χ^2/NDF : 4188.8/19

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.070 ± 0.002 χ^2/NDF : 3163.2/17

Left: 0.085 ± 0.001 χ^2/NDF : 7525.8/37

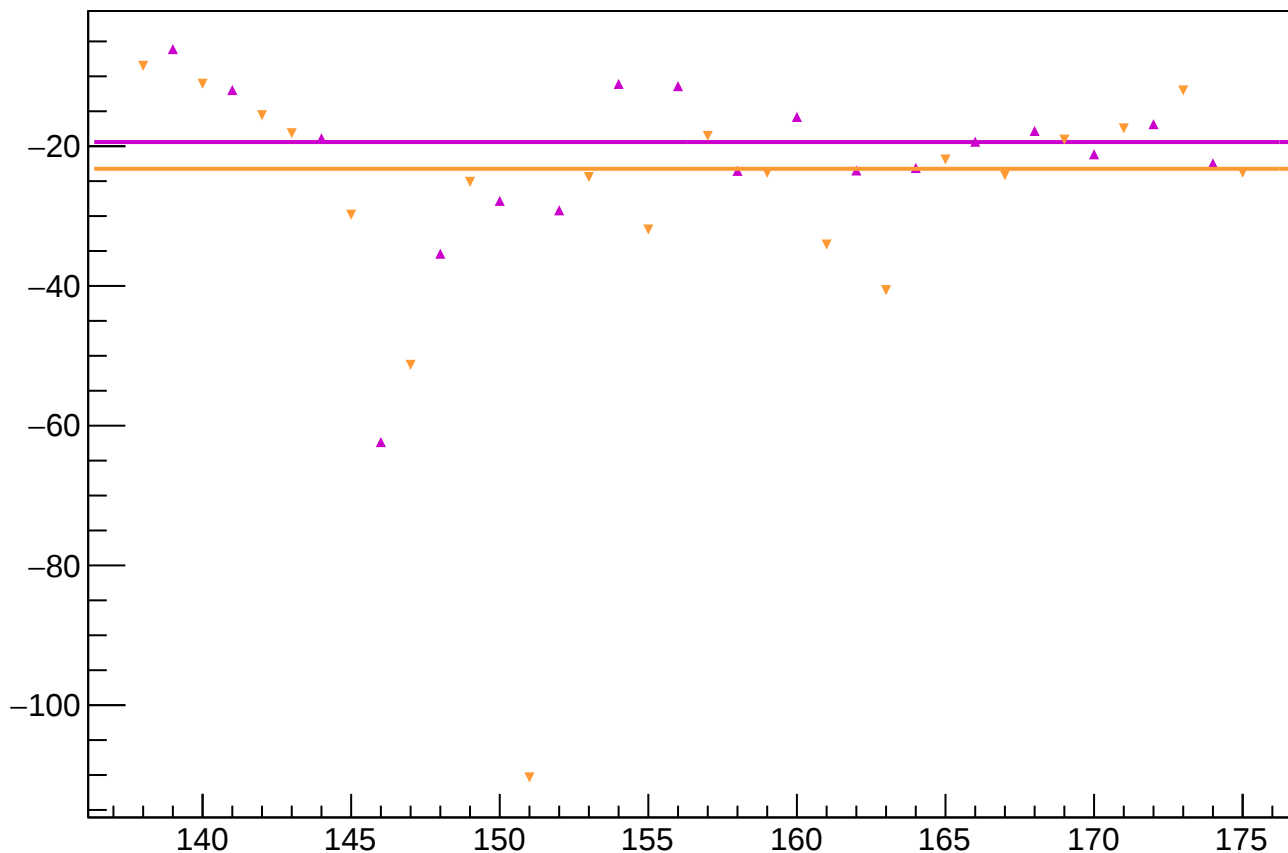
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.090 ± 0.002 χ^2/NDF : 4677.7/34

Out: 0.129 ± 0.002 χ^2/NDF : 5916.0/37

All: 0.108 ± 0.001 χ^2/NDF : 10862.5/72

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.231+/-0.052 χ^2/NDF :62244.6/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.405+/-0.049 χ^2/NDF :37219.9/17

Left: -21.187+/-0.036 χ^2/NDF : 102337.2/37

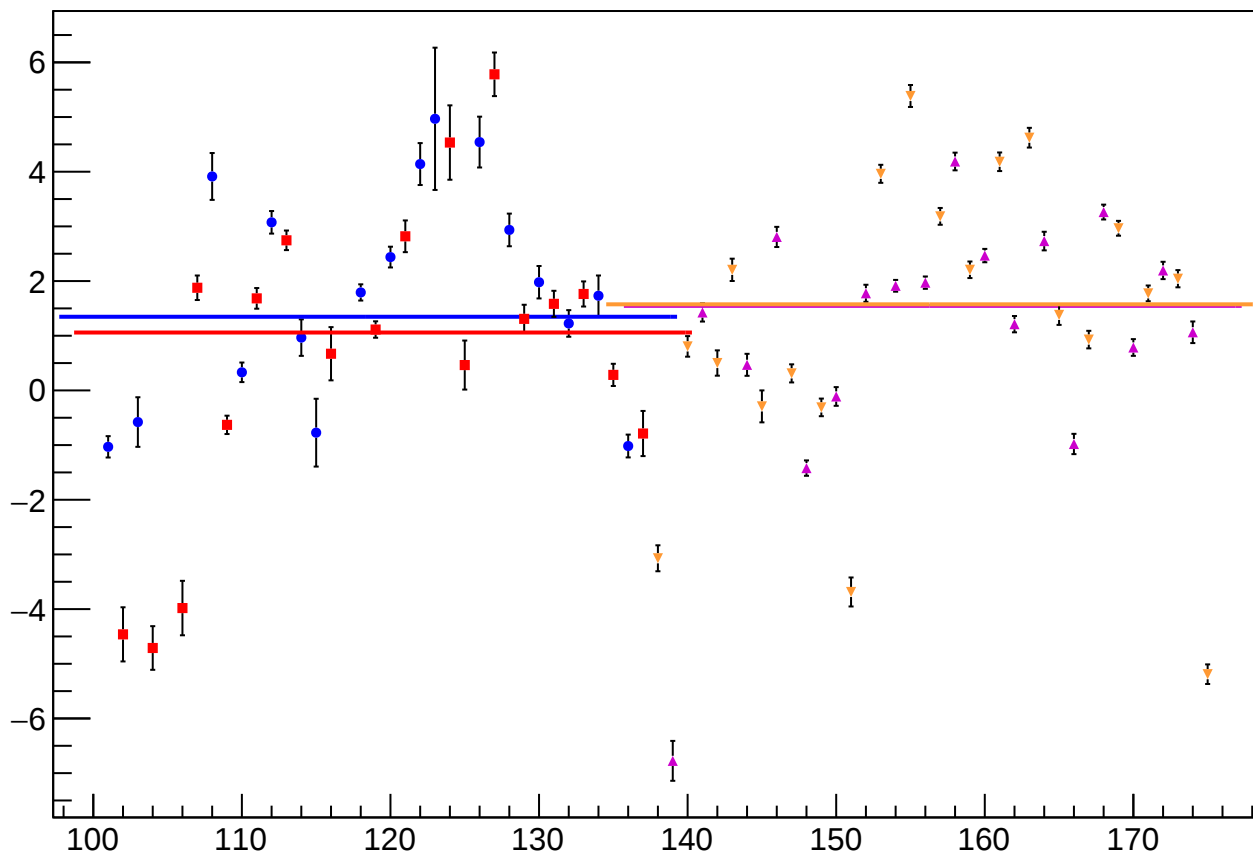
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.049 χ^2/NDF :37219.9/17

Out: -23.231+/-0.052 χ^2/NDF :62244.6/19

All: -21.187+/-0.036 χ^2/NDF : 102337.2/37

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.575 $\pm$ 0.039 χ^2 /NDF:3834.2/19

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.547 $\pm$ 0.036 χ^2 /NDF:1931.3/17

Left: 1.559 $\pm$ 0.027 χ^2 /NDF: 5765.8/37

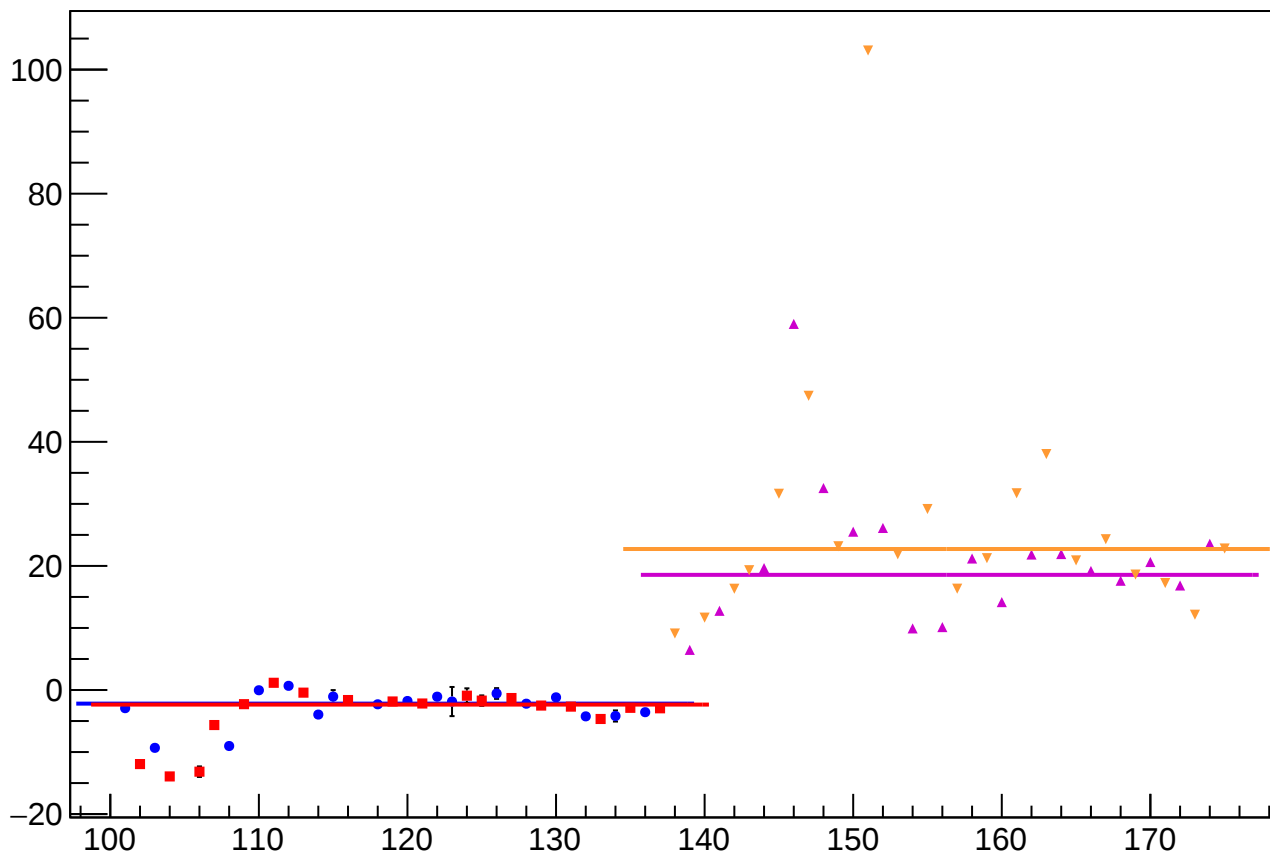
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.496 $\pm$ 0.031 χ^2 /NDF:2569.1/34

Out: 1.417 $\pm$ 0.033 χ^2 /NDF:4792.0/37

All: 1.458 $\pm$ 0.023 χ^2 /NDF: 7364.2/72

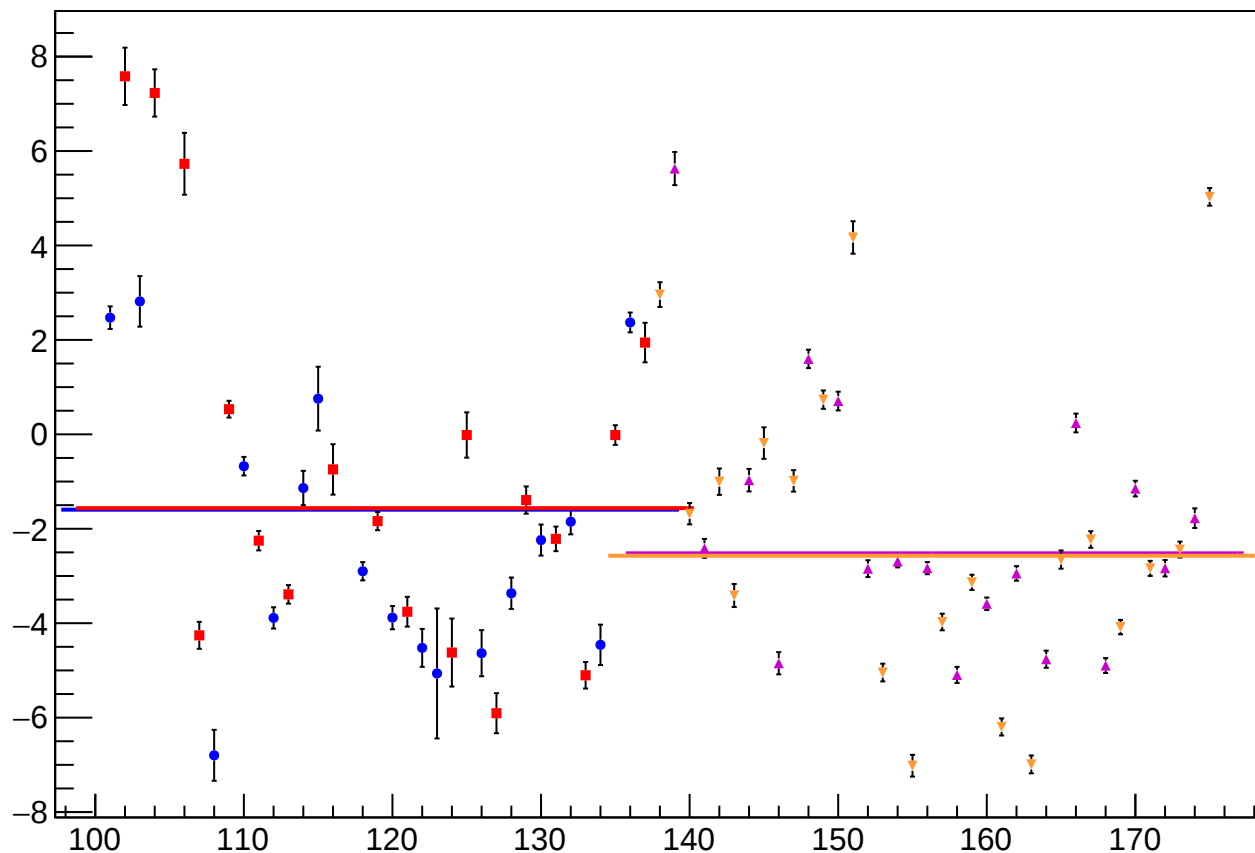
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 22.727 ± 0.052 $\chi^2/\text{NDF}: 55346.2/19$
 Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$
 Left In: 18.560 ± 0.048 $\chi^2/\text{NDF}: 35151.7/17$

Left: 20.475 ± 0.035 $\chi^2/\text{NDF}: 94003.4/37$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$
 In: 15.414 ± 0.044 $\chi^2/\text{NDF}: 64310.0/34$
 Out: 17.542 ± 0.046 $\chi^2/\text{NDF}: 104827.3/37$
 All: 16.427 ± 0.032 $\chi^2/\text{NDF}: 170254.1/72$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -2.571 ± 0.044 χ^2/NDF : 4598.6/19

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.520 ± 0.041 χ^2/NDF : 2356.4/17

Left: -2.544 ± 0.030 χ^2/NDF : 6955.7/37

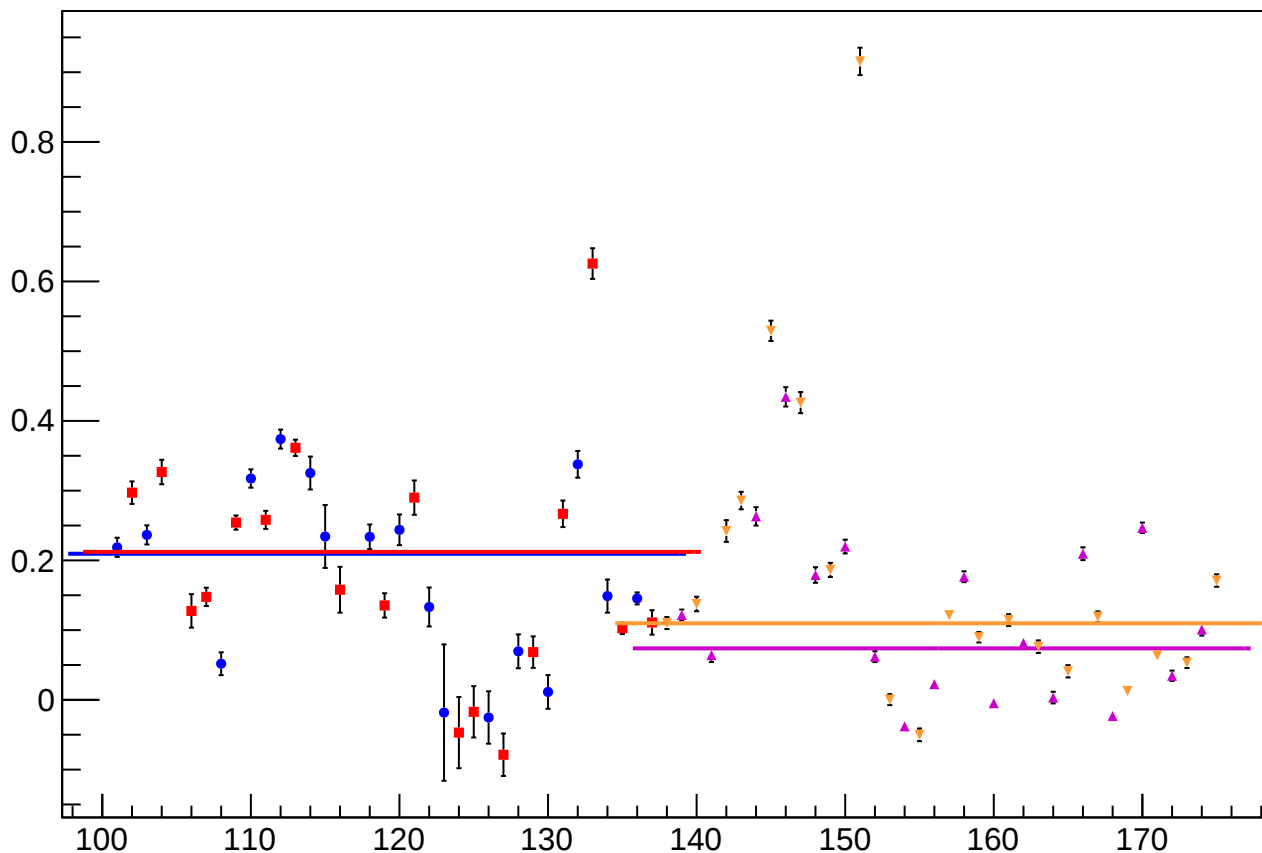
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -2.294 ± 0.036 χ^2/NDF : 3737.4/34

Out: -2.264 ± 0.037 χ^2/NDF : 6217.9/37

All: -2.279 ± 0.026 χ^2/NDF : 9955.7/72

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: 0.110 $\pm$ 0.002 χ^2/NDF : 4208.7/19

Right Out: 0.212 $\pm$ 0.004 χ^2/NDF : 1096.9/17

Left In: 0.074 $\pm$ 0.002 χ^2/NDF : 3259.9/17

Left: 0.090 $\pm$ 0.001 χ^2/NDF : 7650.1/37

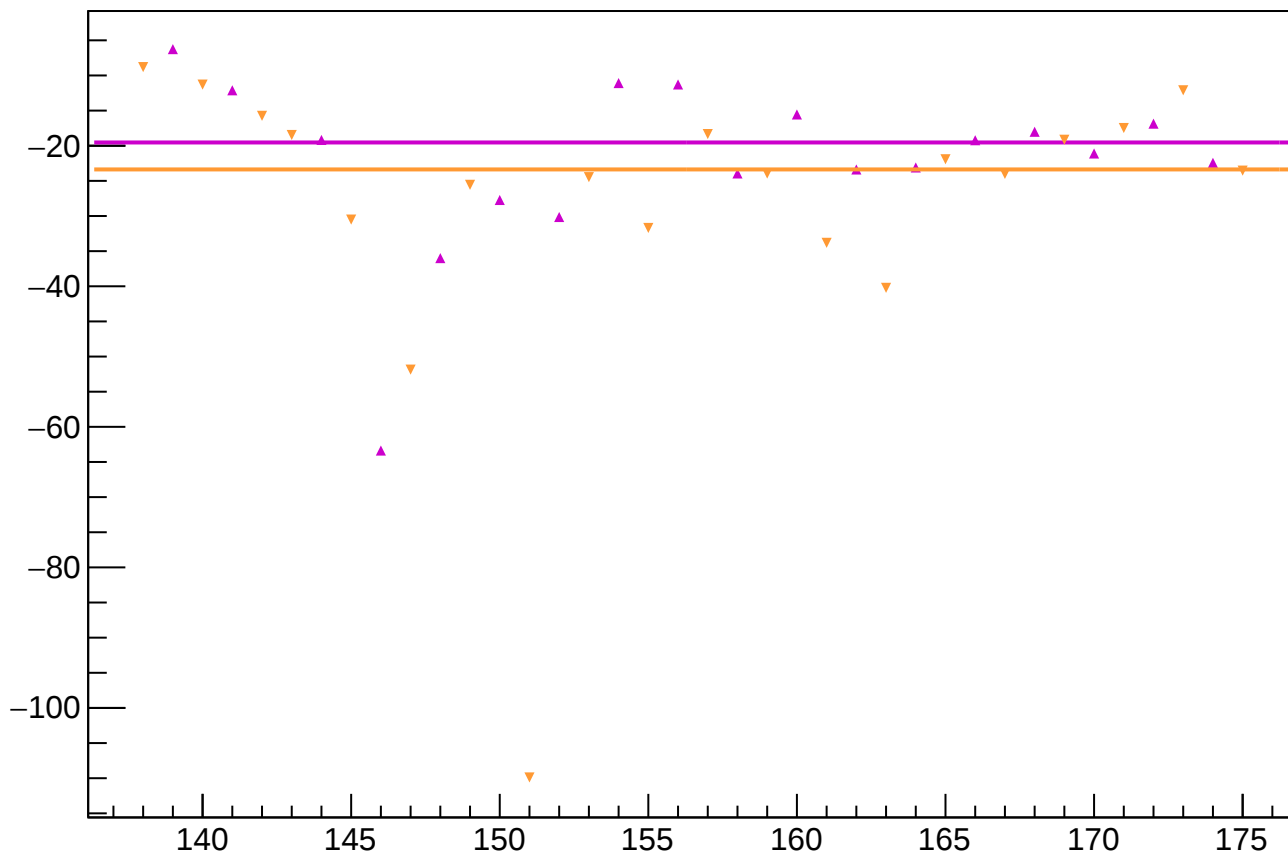
Right: 0.211 $\pm$ 0.003 χ^2/NDF : 1694.9/34

In: 0.094 $\pm$ 0.002 χ^2/NDF : 4740.5/34

Out: 0.132 $\pm$ 0.002 χ^2/NDF : 5881.1/37

All: 0.112 $\pm$ 0.001 χ^2/NDF : 10868.0/72

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.372+/-0.053 χ^2/NDF : 61009.4/19

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Left: -21.328+/-0.036 χ^2/NDF : 101282.6/37

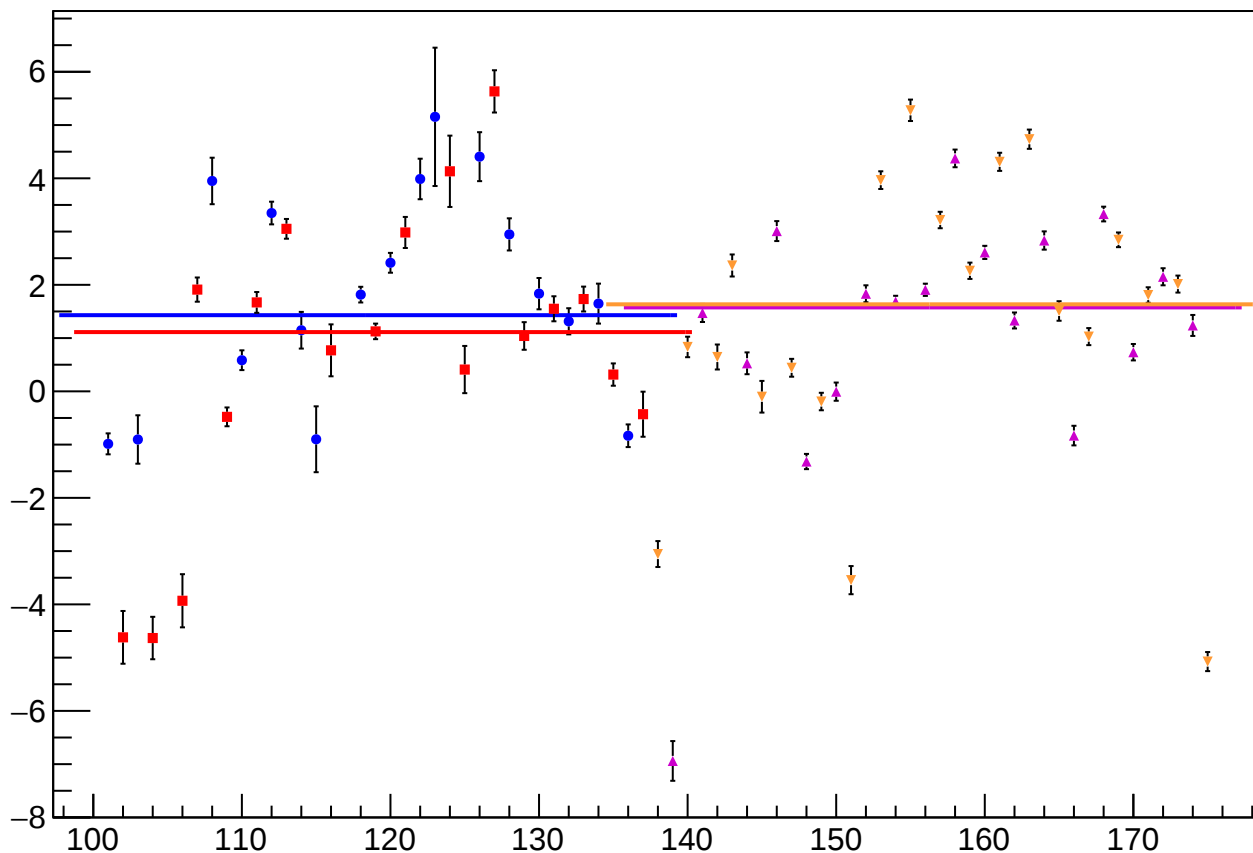
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Out: -23.372+/-0.053 χ^2/NDF : 61009.4/19

All: -21.328+/-0.036 χ^2/NDF : 101282.6/37

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 1.634 $\pm$ 0.040 χ^2 /NDF:3700.6/19

Right Out: 1.113 $\pm$ 0.060 χ^2 /NDF: 887.6/17

Left In: 1.576 $\pm$ 0.037 χ^2 /NDF:1901.5/17

Left: 1.602 $\pm$ 0.027 χ^2 /NDF: 5603.3/37

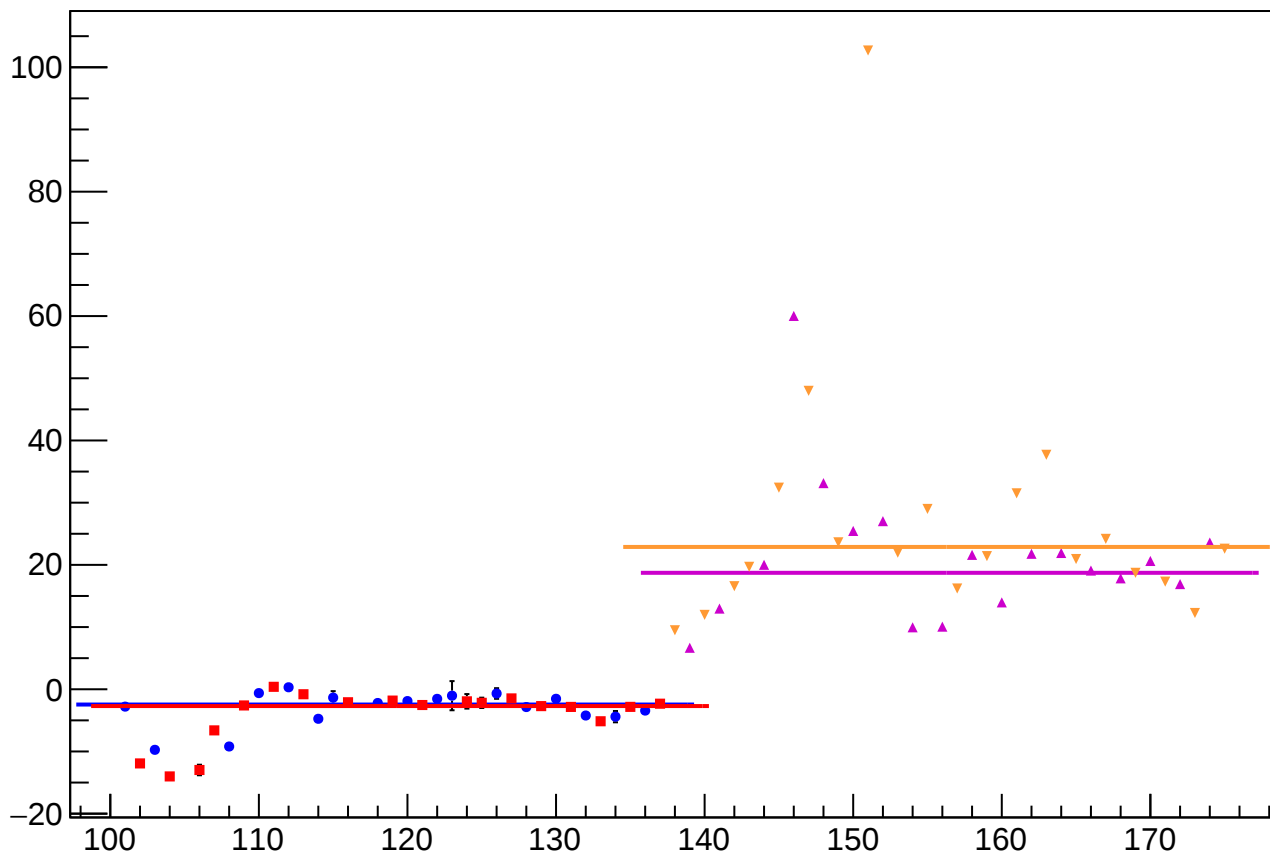
Right: 1.264 $\pm$ 0.043 χ^2 /NDF: 1499.0/34

In: 1.539 $\pm$ 0.032 χ^2 /NDF:2503.5/34

Out: 1.475 $\pm$ 0.033 χ^2 /NDF:4640.7/37

All: 1.508 $\pm$ 0.023 χ^2 /NDF: 7146.1/72

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.883 ± 0.052 χ^2/NDF : 54361.6/19

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.723 ± 0.048 χ^2/NDF : 35398.4/17

Left: 20.642 ± 0.035 χ^2/NDF : 93180.6/37

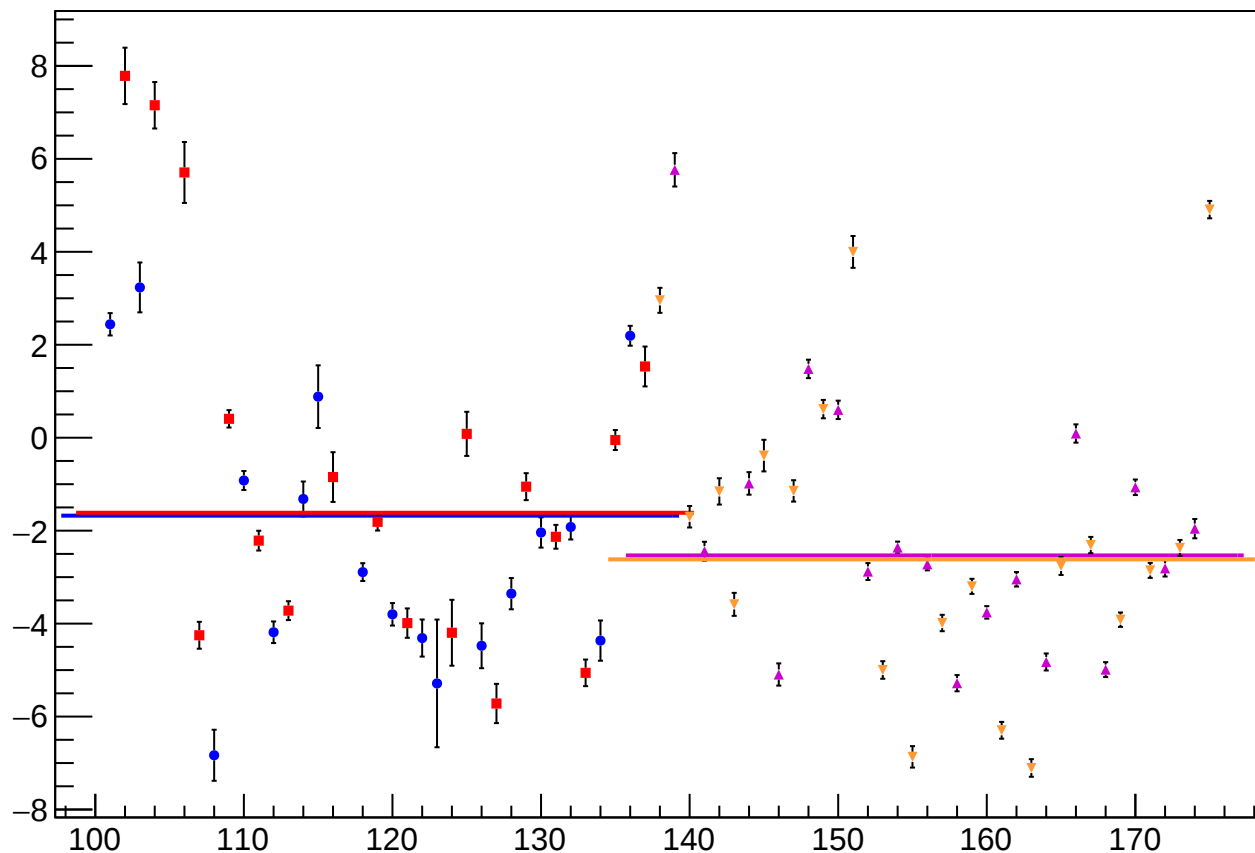
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 15.526 ± 0.045 χ^2/NDF : 64836.2/34

Out: 17.701 ± 0.047 χ^2/NDF : 103851.6/37

All: 16.563 ± 0.032 χ^2/NDF : 169826.5/72

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -2.618 ± 0.045 χ^2/NDF : 4448.7/19

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.533 ± 0.041 χ^2/NDF : 2352.8/17

Left: -2.572 ± 0.030 χ^2/NDF : 6803.5/37

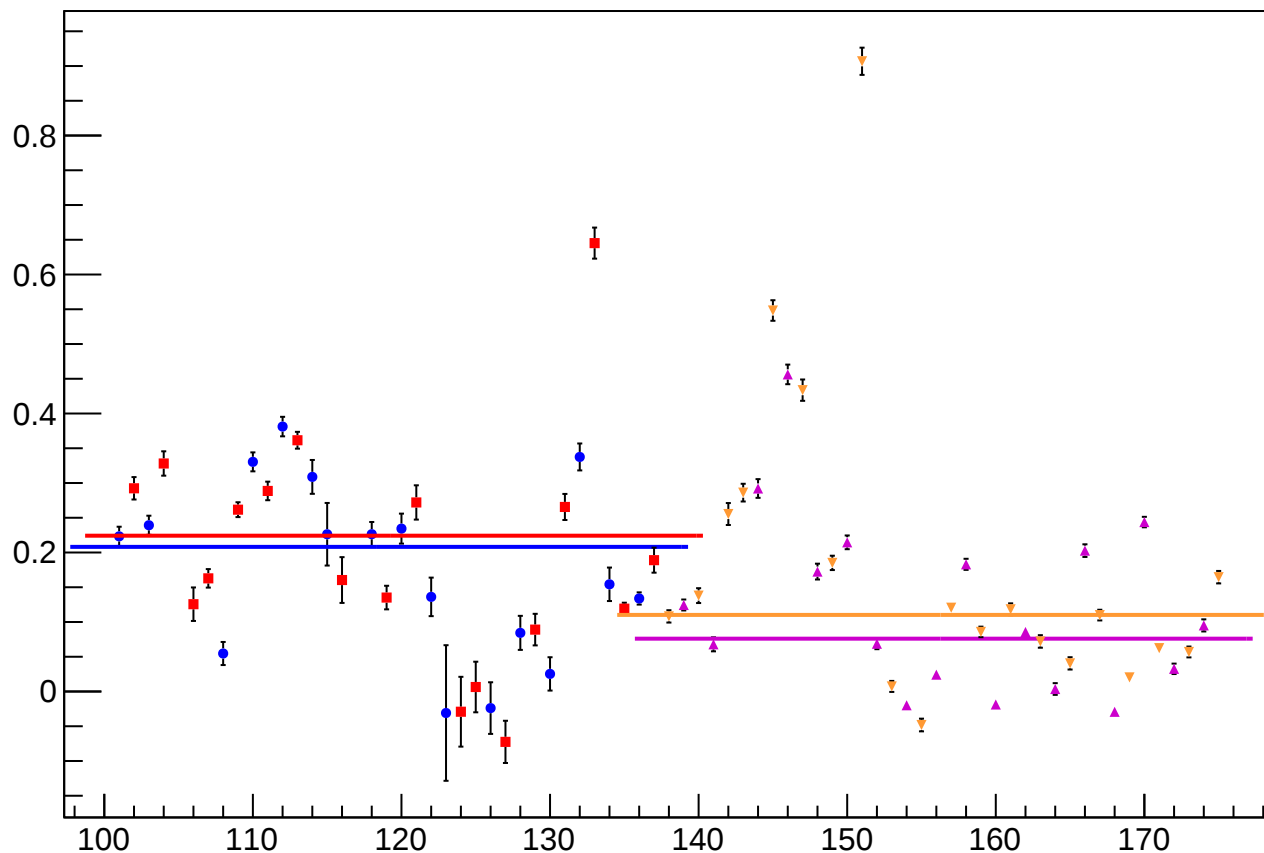
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -2.322 ± 0.036 χ^2/NDF : 3662.8/34

Out: -2.315 ± 0.037 χ^2/NDF : 6028.0/37

All: -2.319 ± 0.026 χ^2/NDF : 9690.8/72

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.110 $\pm$ 0.002 χ^2 /NDF: 4169.2/19

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.076 $\pm$ 0.002 χ^2 /NDF: 3230.6/17

Left: 0.091 $\pm$ 0.001 χ^2 /NDF: 7559.9/37

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.096 $\pm$ 0.002 χ^2 /NDF: 4645.5/34

Out: 0.135 $\pm$ 0.002 χ^2 /NDF: 5852.6/37

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 10749.1/72