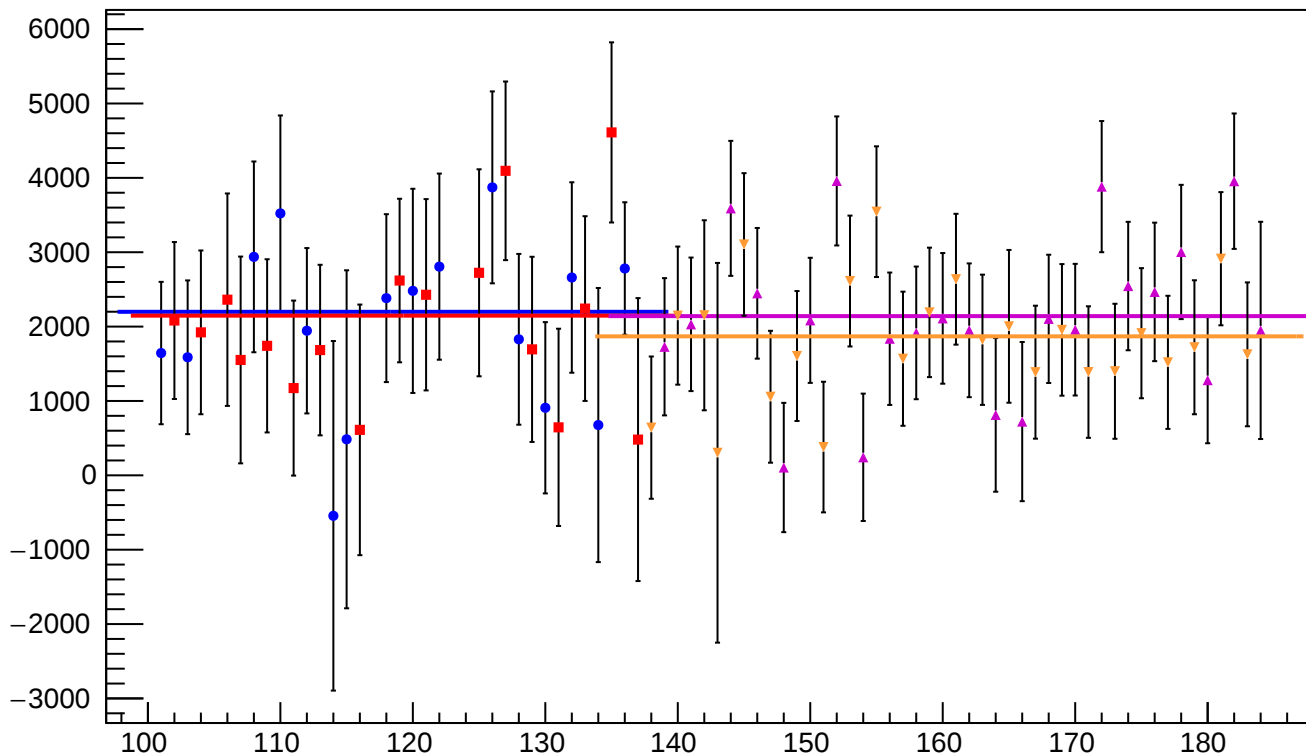


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1869.020+/-189.692

Right Out: 2147.149+/-304.804

Left In: 2140.787+/-189.296

χ^2/NDF : 8.6/15

χ^2/NDF : 15.5/23

χ^2/NDF : 11.4/16

χ^2/NDF : 31.5/22

Left: 2005.188+/-133.992

Right: 2172.848+/-216.219

In: 2156.807+/-161.094

Out: 1946.668+/-161.051

All: 2051.709+/-113.895

χ^2/NDF : 48.0/46

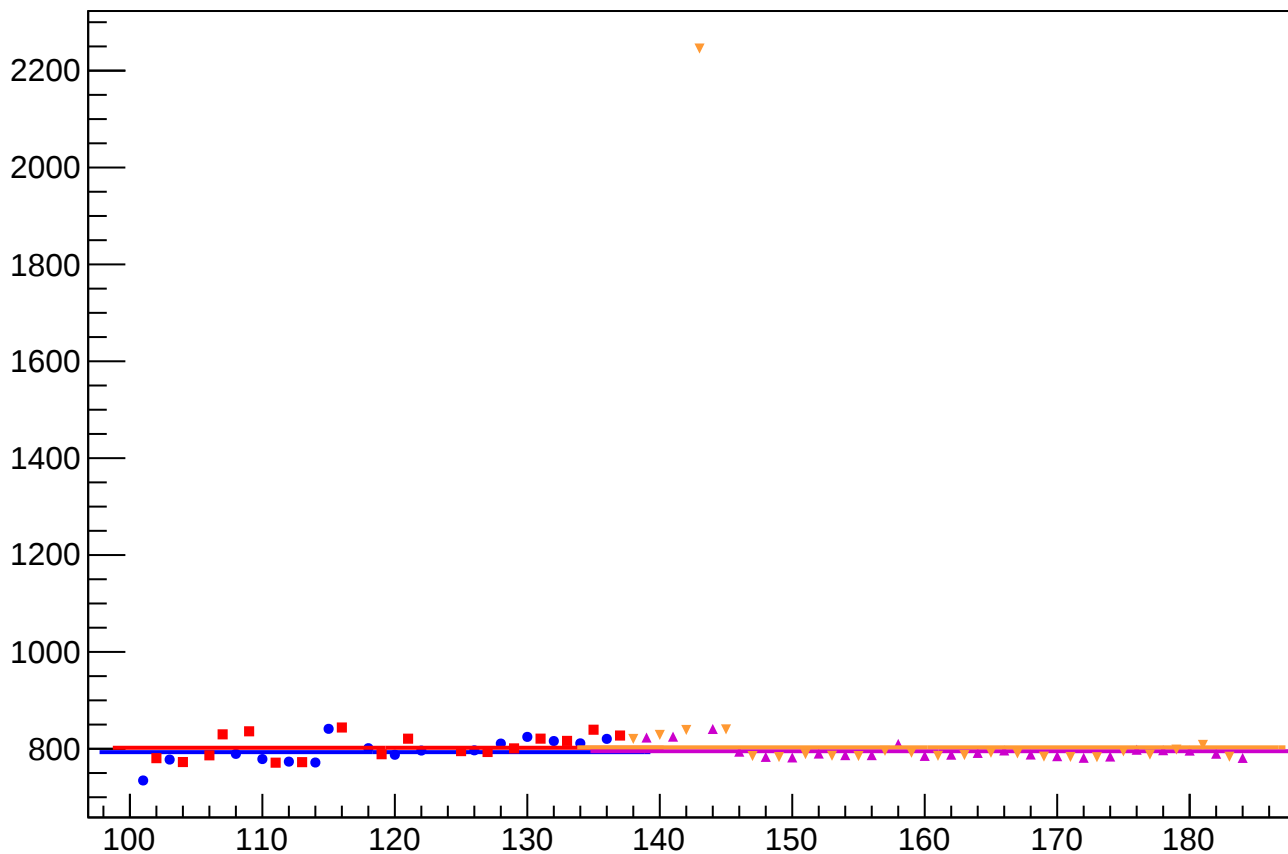
χ^2/NDF : 20.0/32

χ^2/NDF : 40.2/38

χ^2/NDF : 27.5/40

χ^2/NDF : 68.5/79

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.030 $\pm$ 0.134 χ^2 /NDF:656539.2/23

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

Left In: 795.046 $\pm$ 0.134 χ^2 /NDF:12905.4/22

Left: 799.030 $\pm$ 0.095 χ^2 /NDF: 671219.6/46

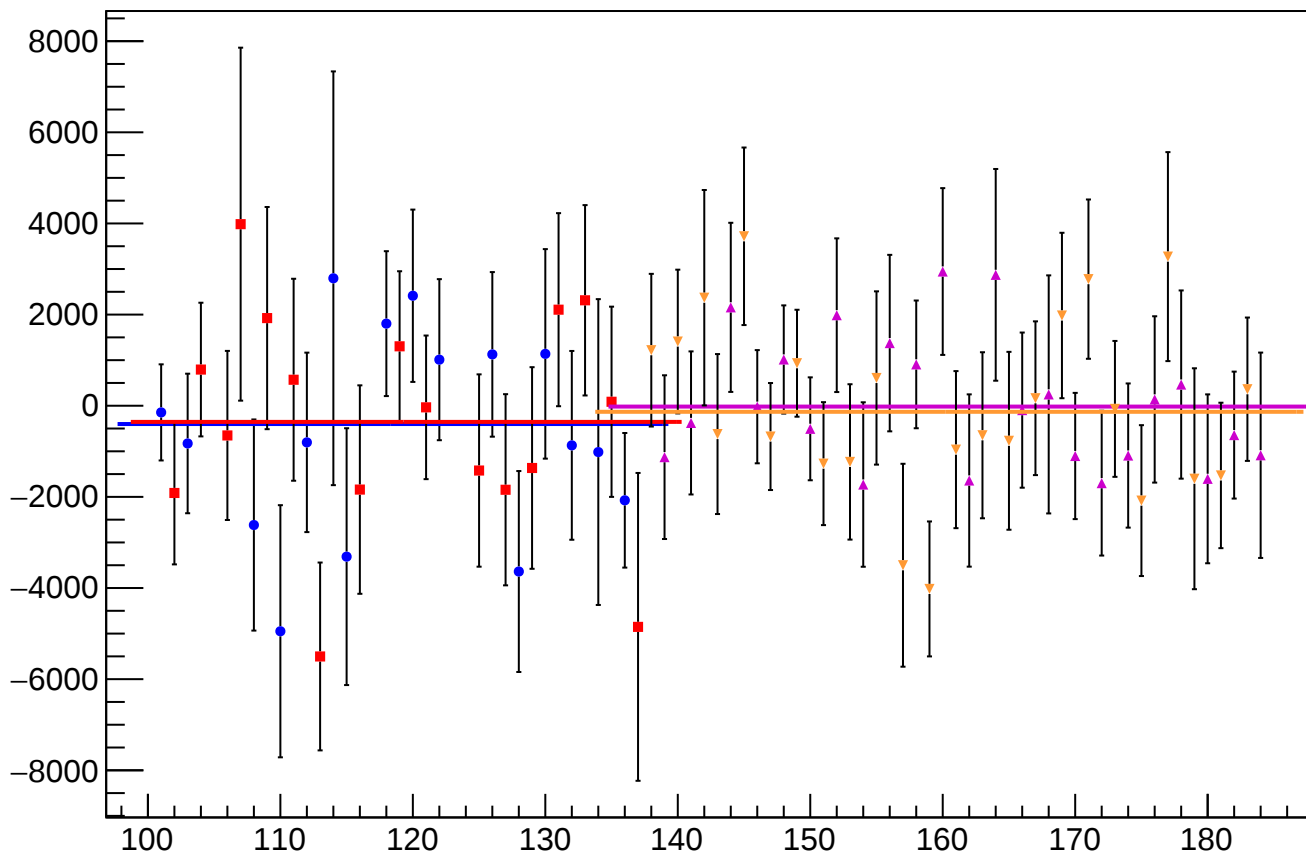
Right: 797.648 $\pm$ 0.153 χ^2 /NDF: 28303.8/32

In: 794.507 $\pm$ 0.114 χ^2 /NDF:27667.3/38

Out: 802.784 $\pm$ 0.114 χ^2 /NDF:669274.8/40

All: 798.646 $\pm$ 0.081 χ^2 /NDF: 699582.4/79

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -18.629 $\pm$ 339.158 χ^2 /NDF:14.4/22

Left: -75.744 $\pm$ 240.049 χ^2 /NDF: 42.0/46

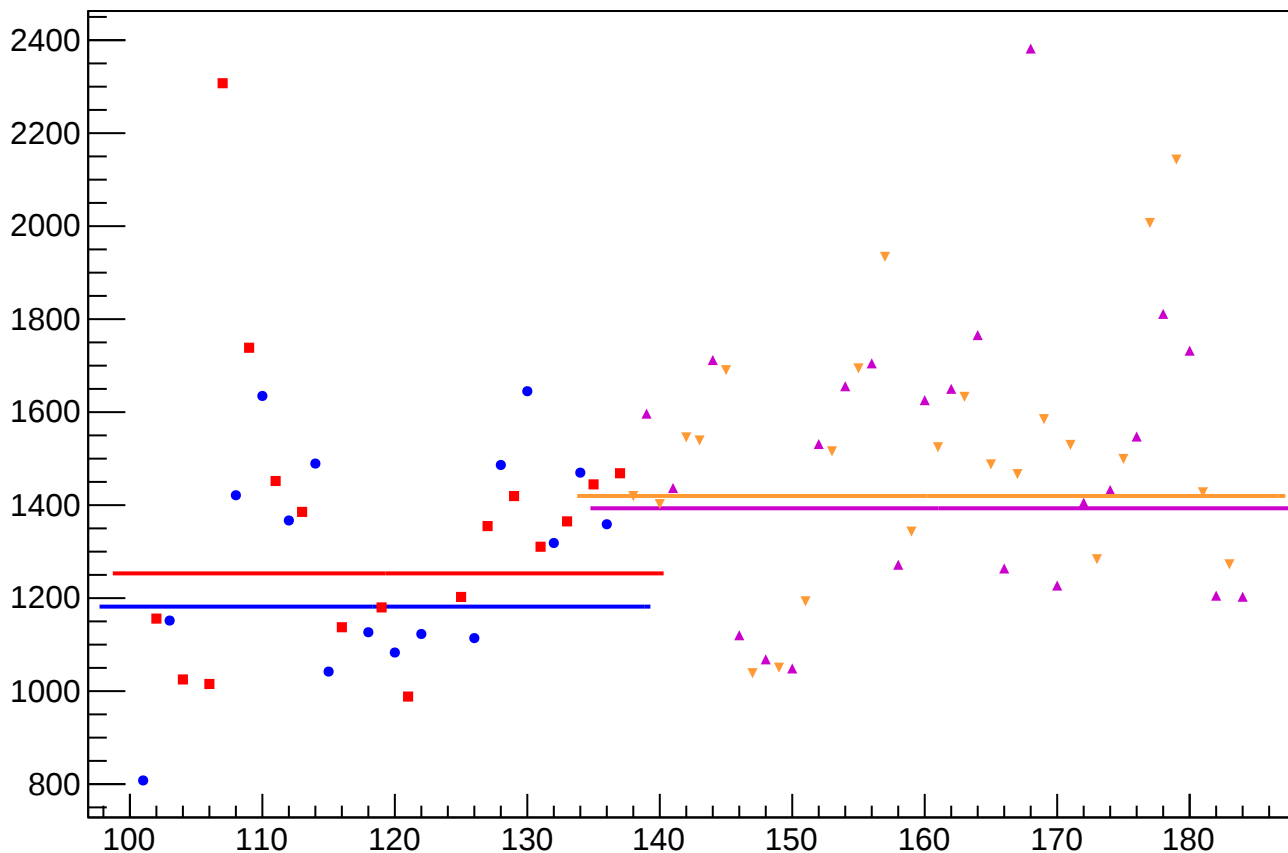
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -150.209 $\pm$ 274.760 χ^2 /NDF:29.6/38

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

All: -177.553 $\pm$ 195.623 χ^2 /NDF: 74.8/79

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1393.228 $\pm$ 0.240 χ^2 /NDF: 1304180.4/22

Left: 1406.468 $\pm$ 0.170 χ^2 /NDF: 2400809.0/46

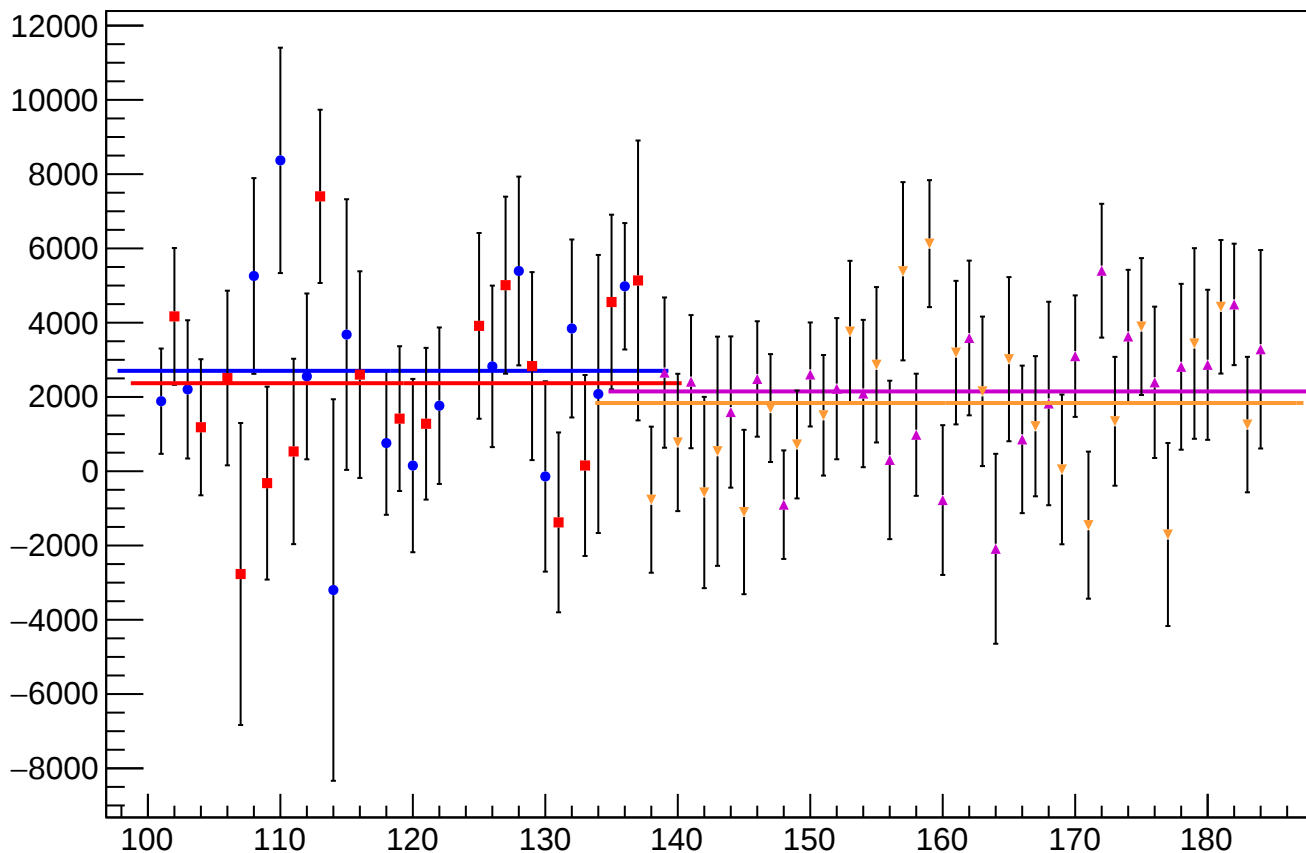
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1320.549 $\pm$ 0.194 χ^2 /NDF: 2114889.3/38

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

All: 1342.544 $\pm$ 0.138 χ^2 /NDF: 3844547.8/79

asym_us_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2148.867 $\pm$ 391.716 χ^2 /NDF:18.4/22

Left: 1994.618 $\pm$ 278.106 χ^2 /NDF: 44.4/46

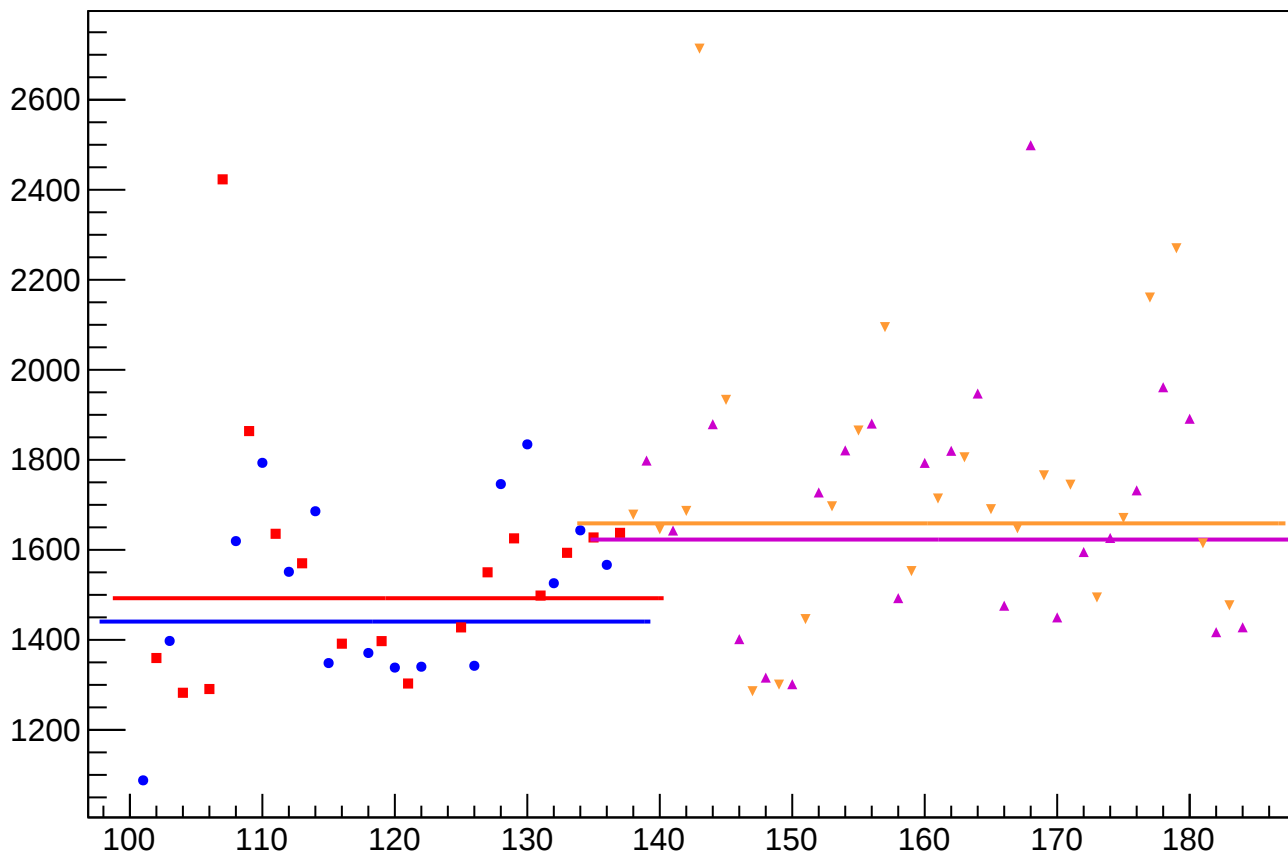
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2329.191 $\pm$ 321.824 χ^2 /NDF:32.1/38

Out: 2009.217 $\pm$ 325.251 χ^2 /NDF:42.3/40

All: 2170.899 $\pm$ 228.766 χ^2 /NDF: 74.9/79

asym_us_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1622.876 $\pm$ 0.277 χ^2/NDF : 780522.2/22

Left: 1640.717 $\pm$ 0.197 χ^2/NDF : 1693230.1/46

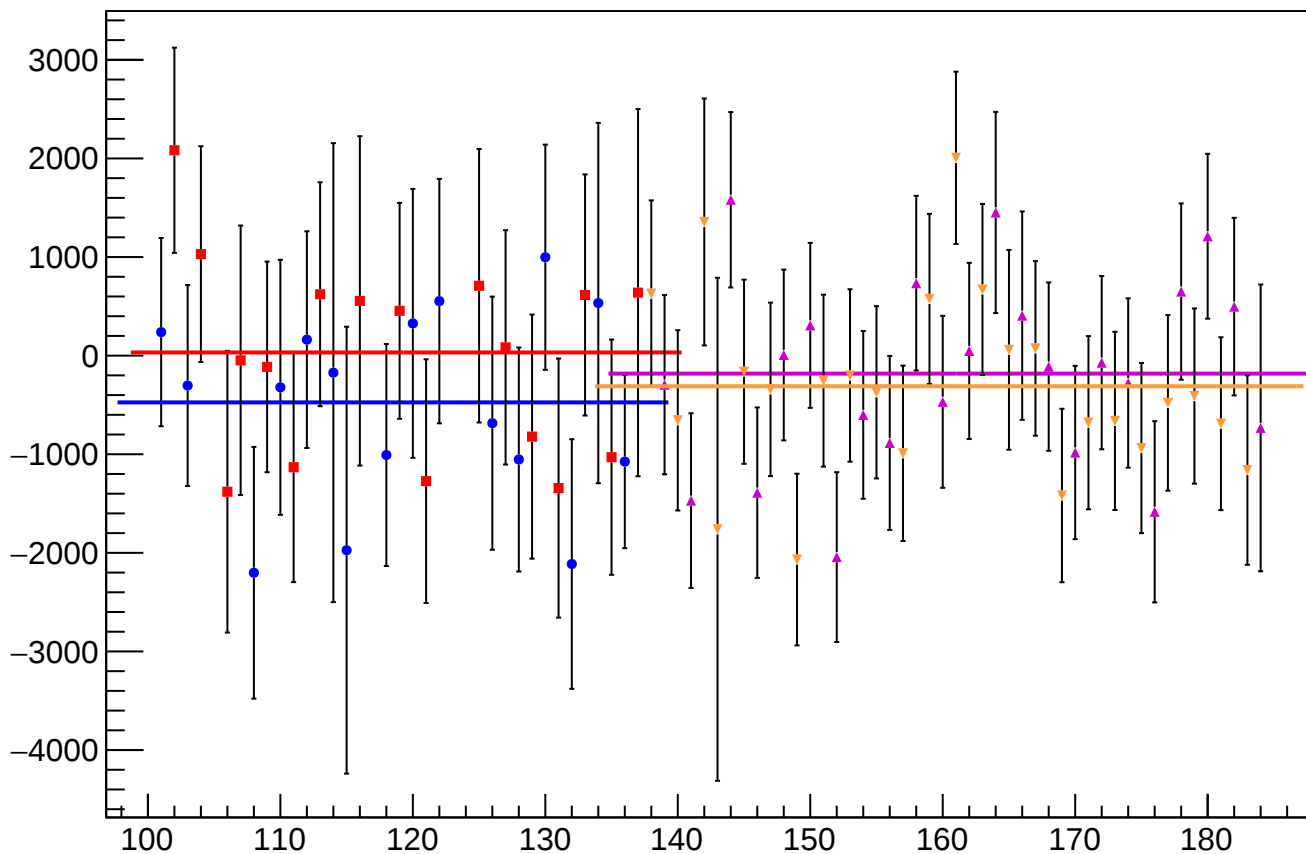
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1563.651 $\pm$ 0.228 χ^2/NDF : 1203453.5/38

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

All: 1584.280 $\pm$ 0.162 χ^2/NDF : 2490025.3/79

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -182.204+/-187.476 χ^2/NDF :25.6/22

Left: -246.248+/-132.669 χ^2/NDF : 46.9/46

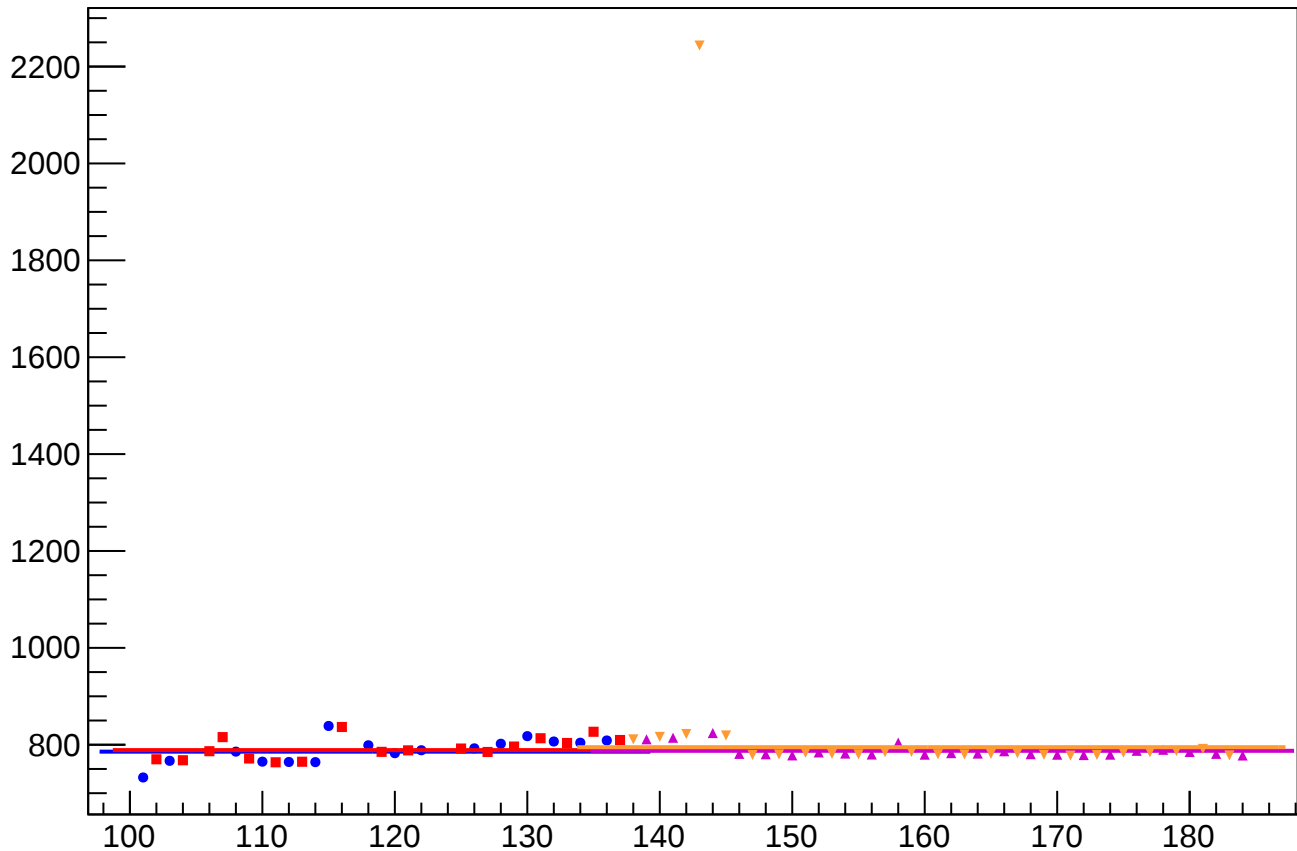
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -262.672+/-159.560 χ^2/NDF :35.2/38

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

All: -238.157+/-112.665 χ^2/NDF : 68.5/79

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 787.487 $\pm$ 0.133 χ^2 /NDF: 9284.4/22

Left: 791.216 $\pm$ 0.094 χ^2 /NDF: 668420.6/46

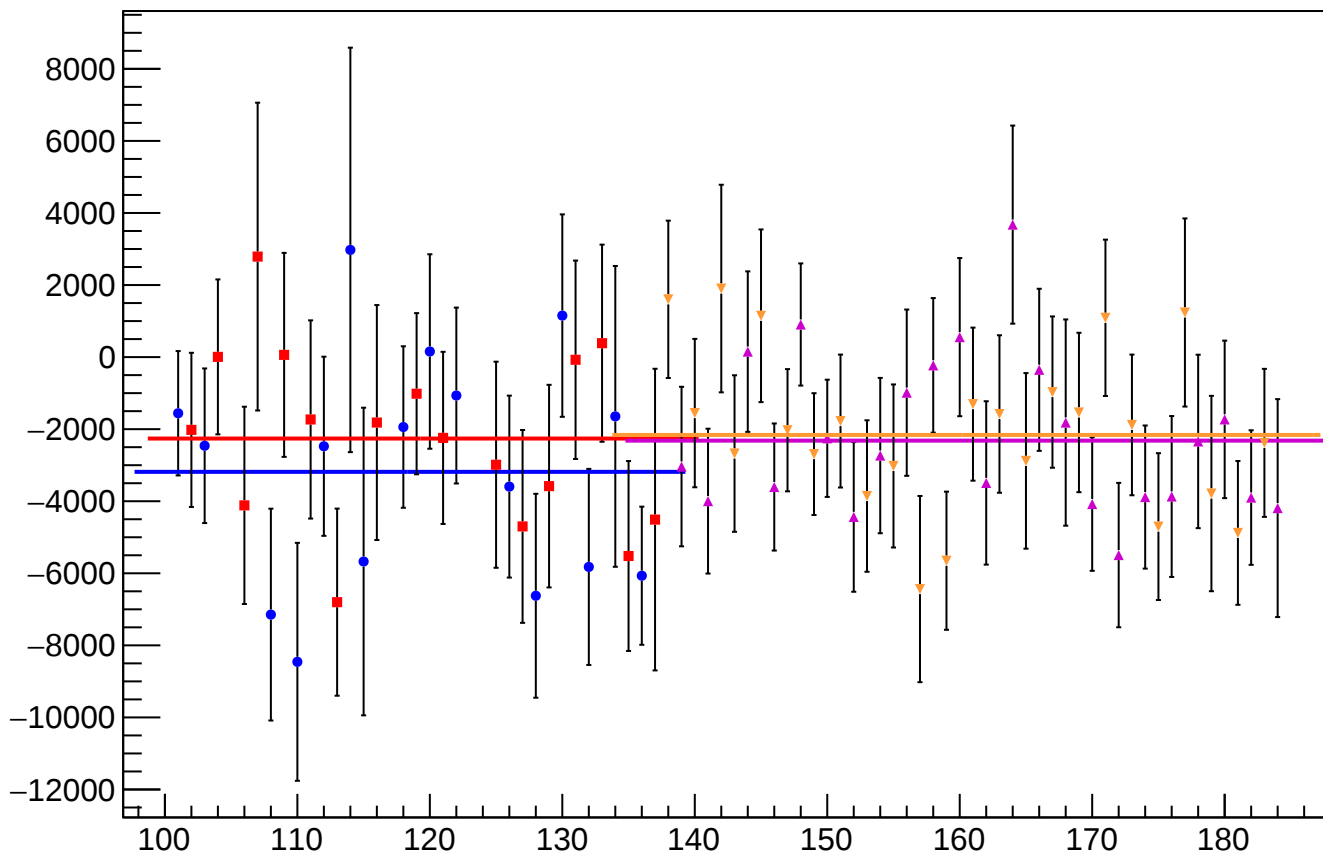
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 787.007 $\pm$ 0.113 χ^2 /NDF: 23253.4/38

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

All: 790.142 $\pm$ 0.080 χ^2 /NDF: 692448.8/79

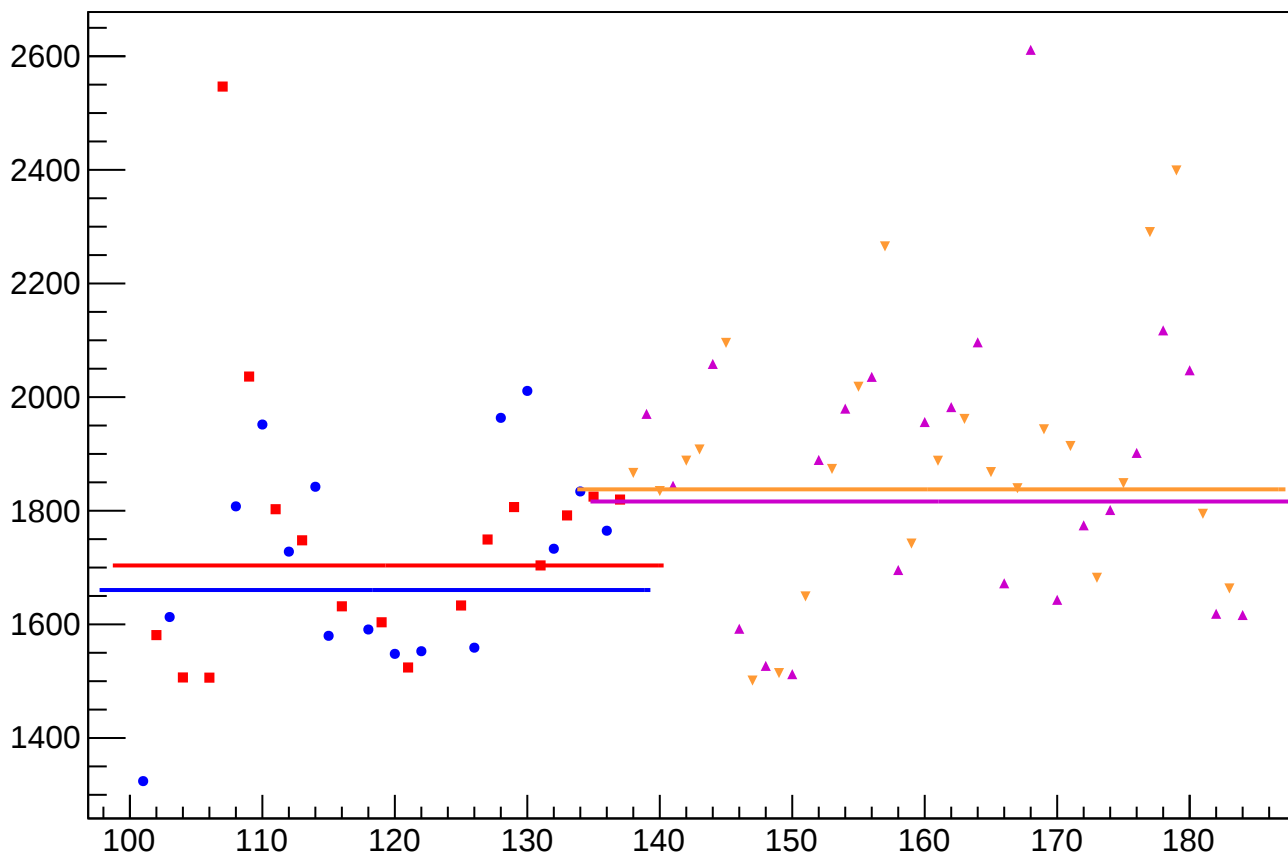
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2160.253 ± 434.182 $\chi^2/\text{NDF}: 22.5/23$
 Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$
 Left In: -2318.636 ± 436.503 $\chi^2/\text{NDF}: 22.1/22$

Left: -2239.022 ± 307.830 $\chi^2/\text{NDF}: 44.6/46$
 Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$
 In: -2589.270 ± 361.916 $\chi^2/\text{NDF}: 40.1/38$
 Out: -2190.974 ± 361.378 $\chi^2/\text{NDF}: 34.1/40$
 All: -2389.825 ± 255.723 $\chi^2/\text{NDF}: 74.8/79$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1816.261 $\pm$ 0.309 χ^2/NDF : 542704.9/22

Left: 1827.019 $\pm$ 0.218 χ^2/NDF : 1006161.8/46

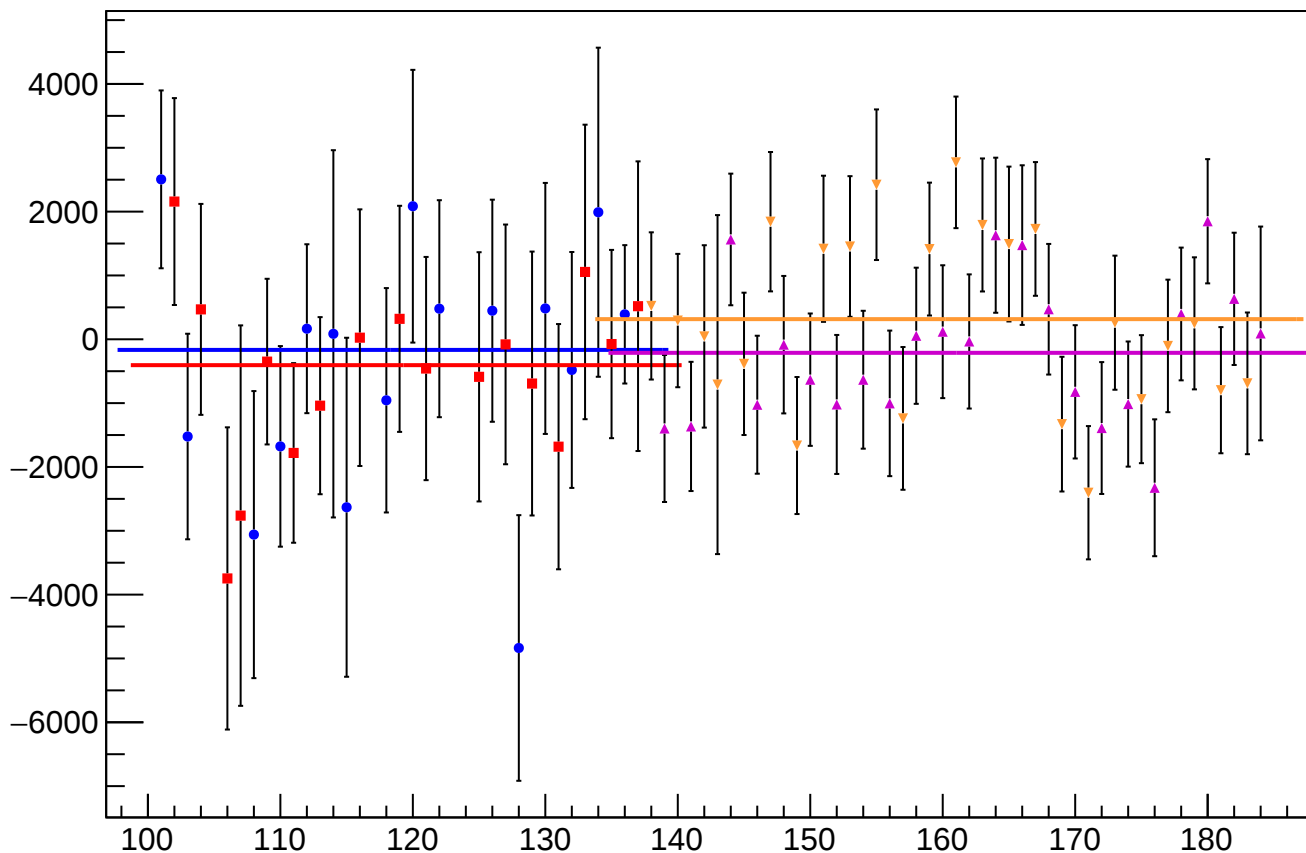
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1767.566 $\pm$ 0.256 χ^2/NDF : 801546.6/38

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

All: 1782.053 $\pm$ 0.181 χ^2/NDF : 1498528.4/79

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 315.608 ± 225.244 $\chi^2/\text{NDF}: 37.7/23$

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

Left In: -212.080 ± 224.701 $\chi^2/\text{NDF}: 23.7/22$

Left: 51.127 ± 159.079 $\chi^2/\text{NDF}: 64.2/46$

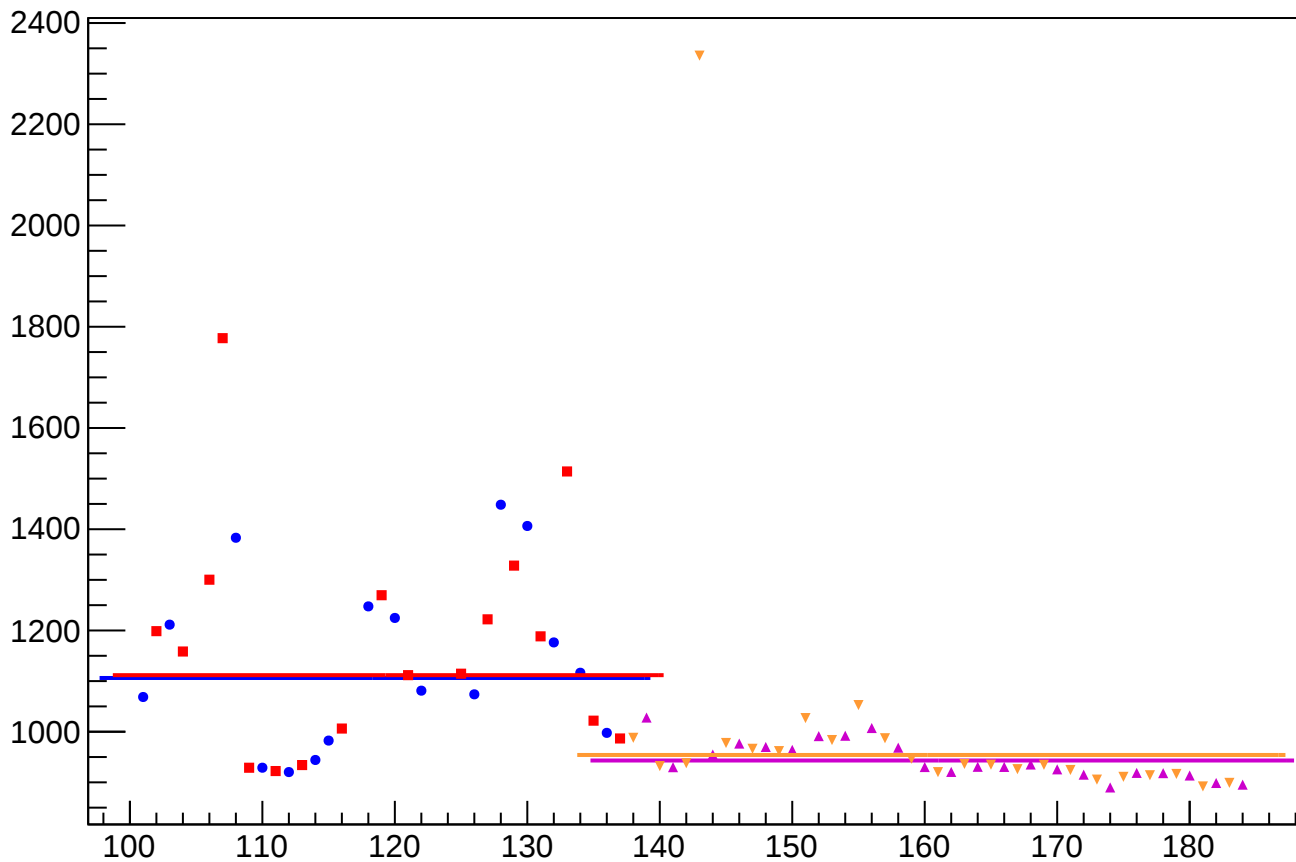
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -202.369 ± 199.414 $\chi^2/\text{NDF}: 39.4/38$

Out: 159.606 ± 199.389 $\chi^2/\text{NDF}: 47.8/40$

All: -21.359 ± 140.998 $\chi^2/\text{NDF}: 88.8/79$

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 954.083 ± 0.159 $\chi^2/\text{NDF}: 604284.7/23$

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

Left In: 943.137 ± 0.159 $\chi^2/\text{NDF}: 49948.2/22$

Left: 948.597 ± 0.112 $\chi^2/\text{NDF}: 656600.5/46$

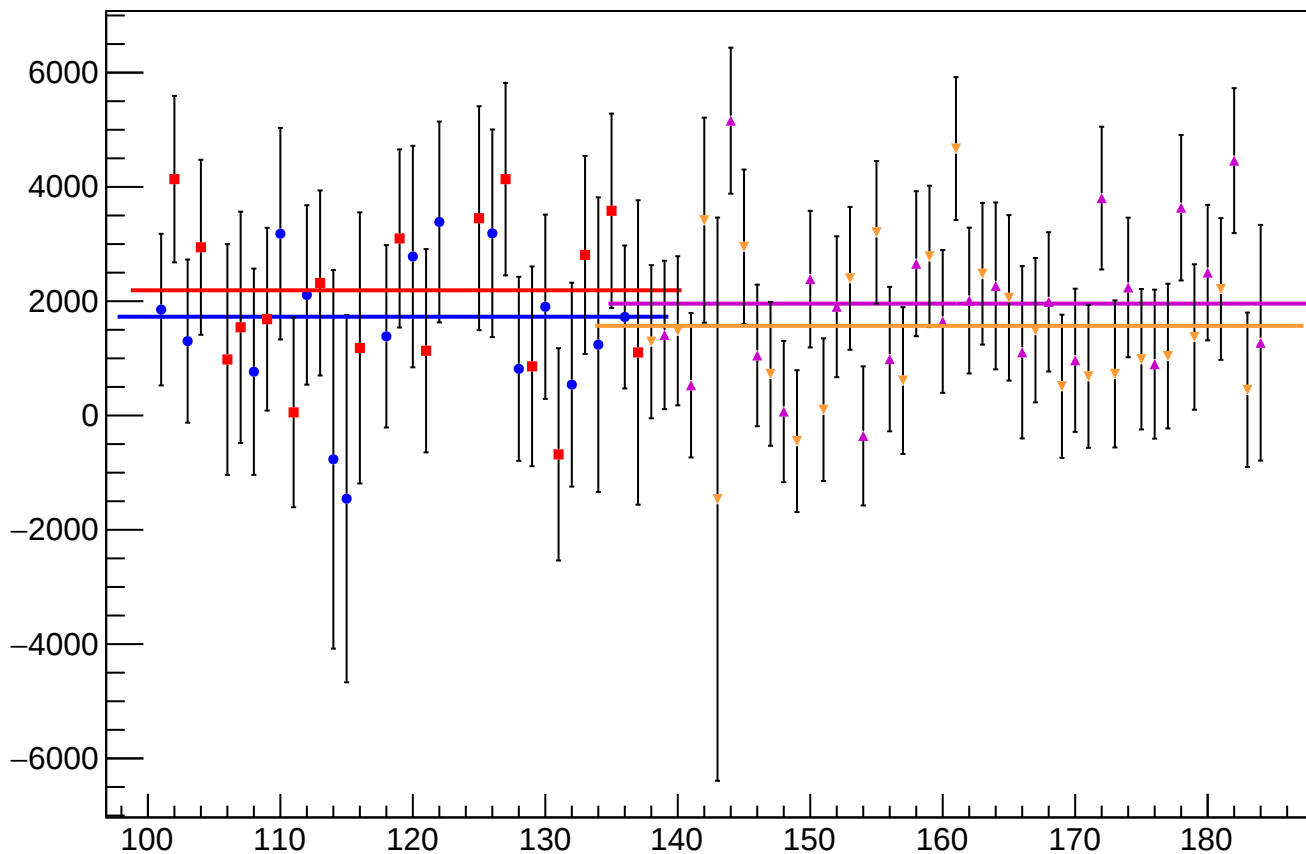
Right: 1108.969 ± 0.215 $\chi^2/\text{NDF}: 616473.4/32$

In: 977.764 ± 0.141 $\chi^2/\text{NDF}: 533475.7/38$

Out: 988.197 ± 0.141 $\chi^2/\text{NDF}: 1172669.9/40$

All: 982.982 ± 0.100 $\chi^2/\text{NDF}: 1708883.2/79$

dit_asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1957.687 $\pm$ 267.470 χ^2/NDF : 25.1/22

Left: 1763.960 $\pm$ 189.447 χ^2/NDF : 46.7/46

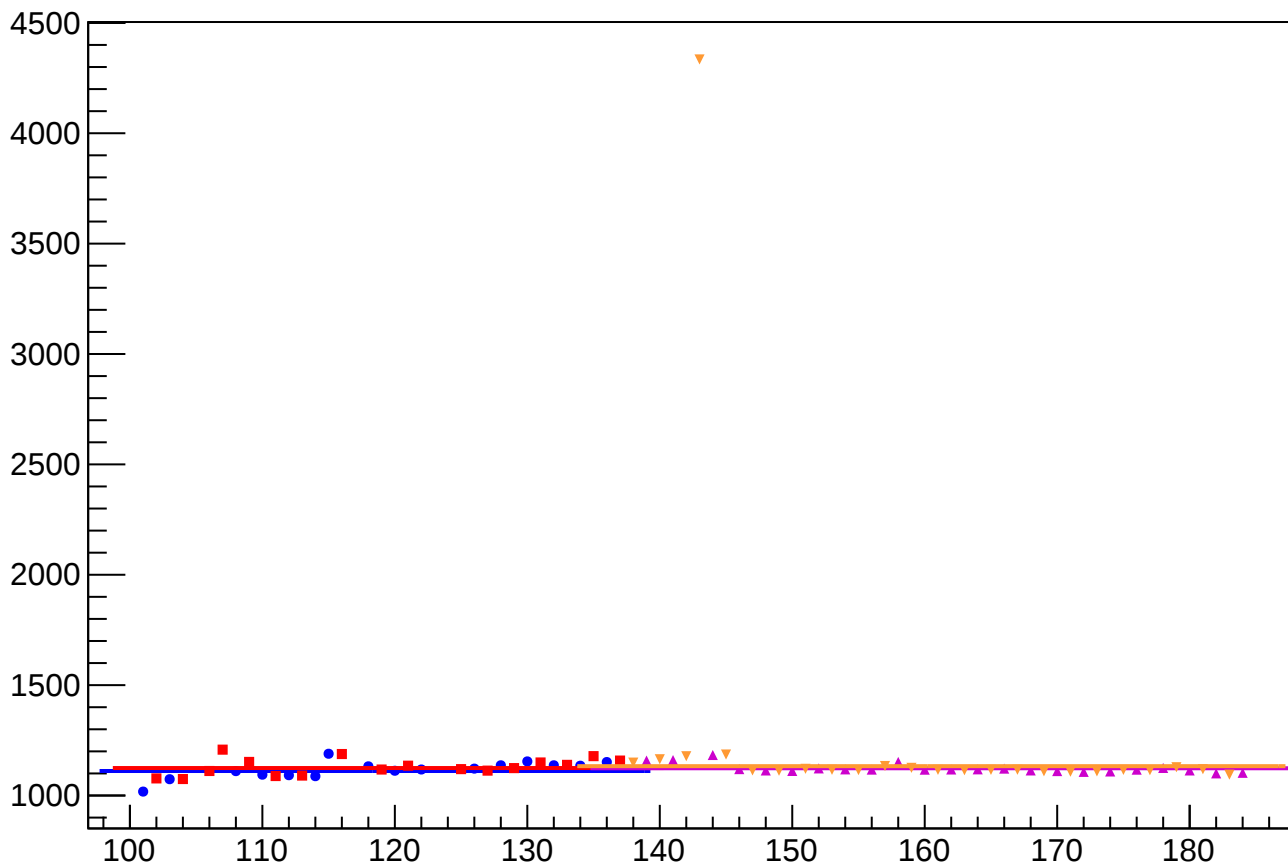
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1893.698 $\pm$ 227.088 χ^2/NDF : 30.7/38

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

All: 1819.370 $\pm$ 160.634 χ^2/NDF : 63.7/79

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1132.968 $\pm$ 0.190 χ^2 /NDF:858190.7/23

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

Left In: 1123.430 $\pm$ 0.189 χ^2 /NDF:11176.4/22

Left: 1128.183 $\pm$ 0.134 χ^2 /NDF: 870634.3/46

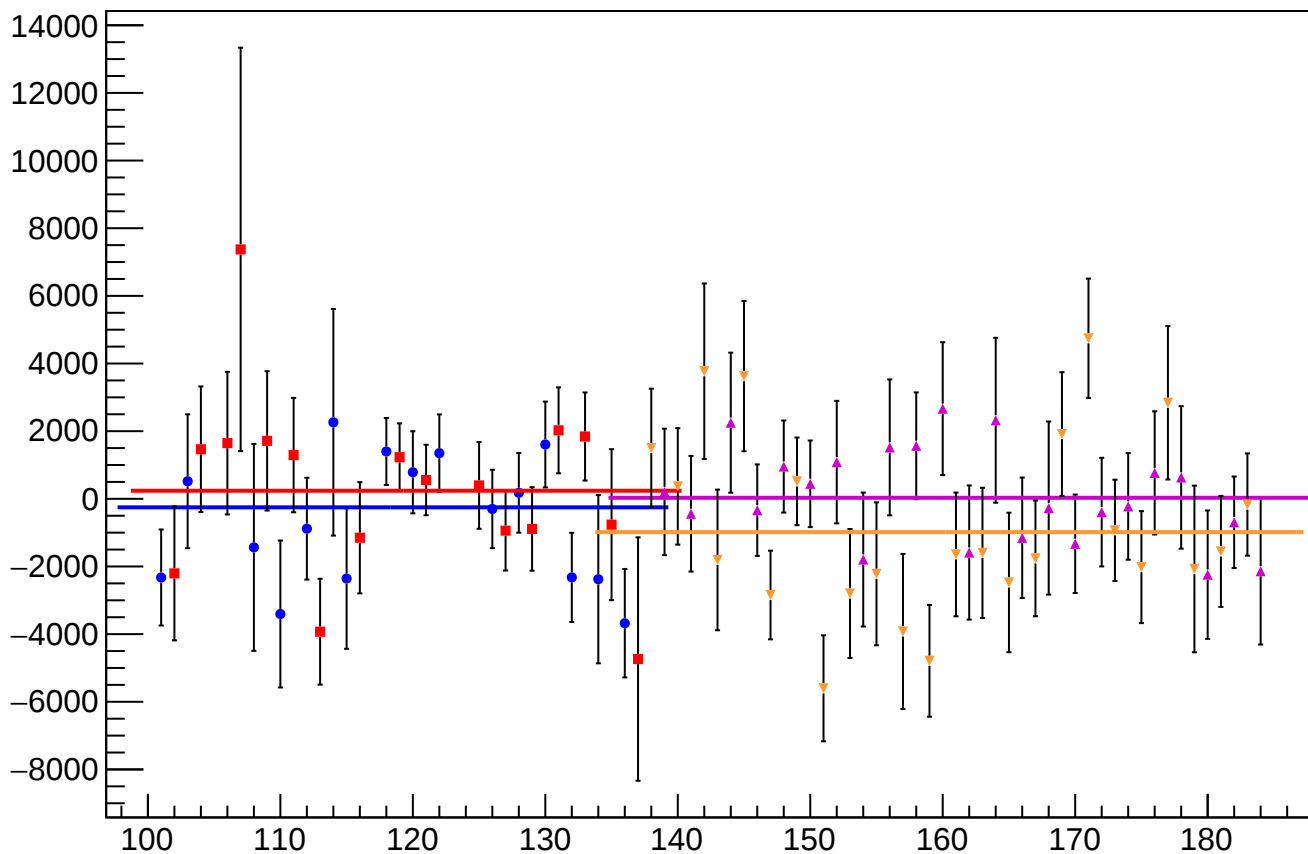
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1119.972 $\pm$ 0.161 χ^2 /NDF:30465.2/38

Out: 1130.576 $\pm$ 0.161 χ^2 /NDF:873352.9/40

All: 1125.270 $\pm$ 0.114 χ^2 /NDF: 905996.9/79

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -983.830 $\pm$ 361.996 χ^2/NDF : 48.5/23

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

Left In: 30.596 $\pm$ 359.328 χ^2/NDF : 12.3/22

Left: -472.866 $\pm$ 255.021 χ^2/NDF : 64.8/46

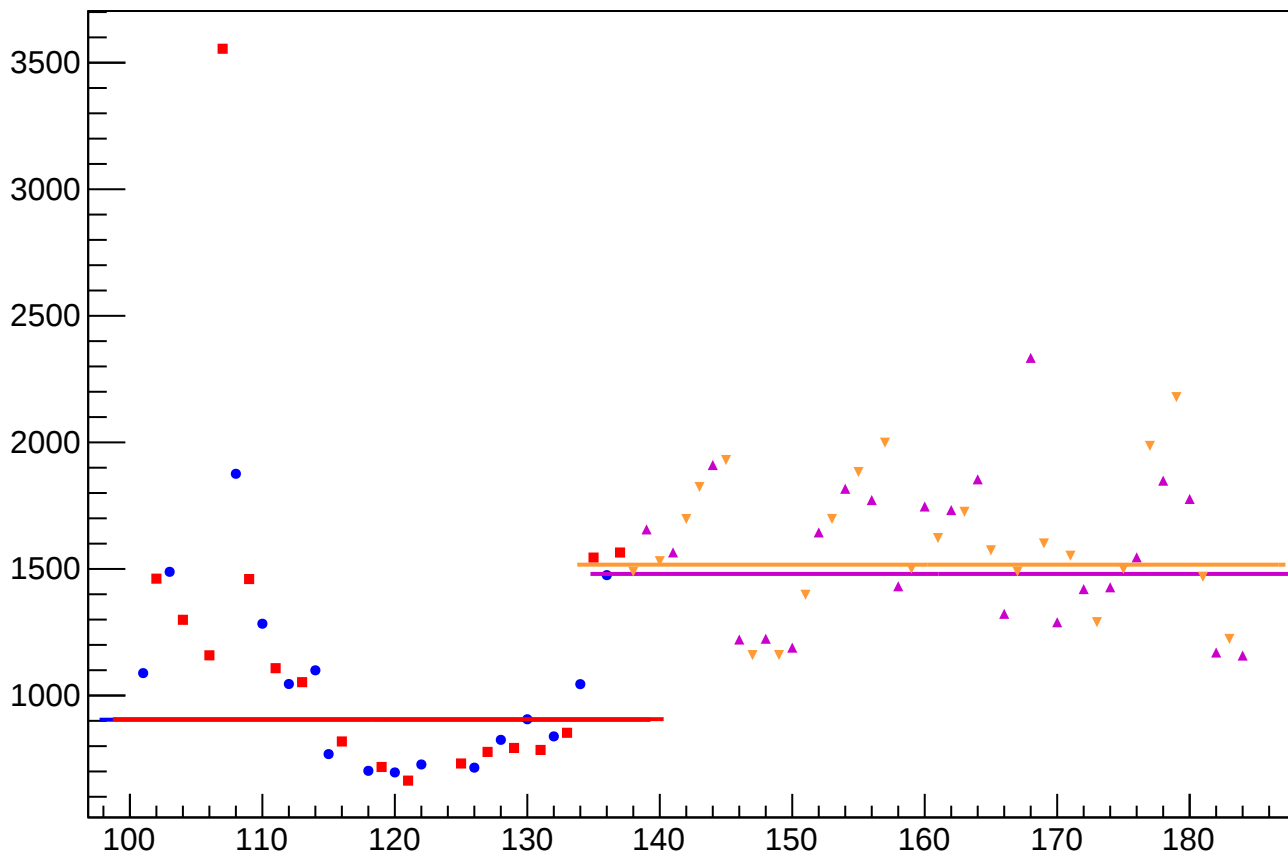
Right: -4.984 $\pm$ 257.666 χ^2/NDF : 43.8/32

In: -108.177 $\pm$ 256.048 χ^2/NDF : 34.4/38

Out: -375.096 $\pm$ 256.620 χ^2/NDF : 75.3/40

All: -241.339 $\pm$ 181.255 χ^2/NDF : 110.2/79

asym_usl_correction_rms vs Slug, Sign Corrected



Right In: 904.488 $\pm$ 0.258 χ^2 /NDF: 1021094.8/15

Left Out: 1516.956 $\pm$ 0.256 χ^2 /NDF: 992209.9/23

Right Out: 906.594 $\pm$ 0.257 χ^2 /NDF: 1376076.4/16

Left In: 1480.347 $\pm$ 0.254 χ^2 /NDF: 1131004.9/22

Left: 1498.516 $\pm$ 0.180 χ^2 /NDF: 2133518.2/46

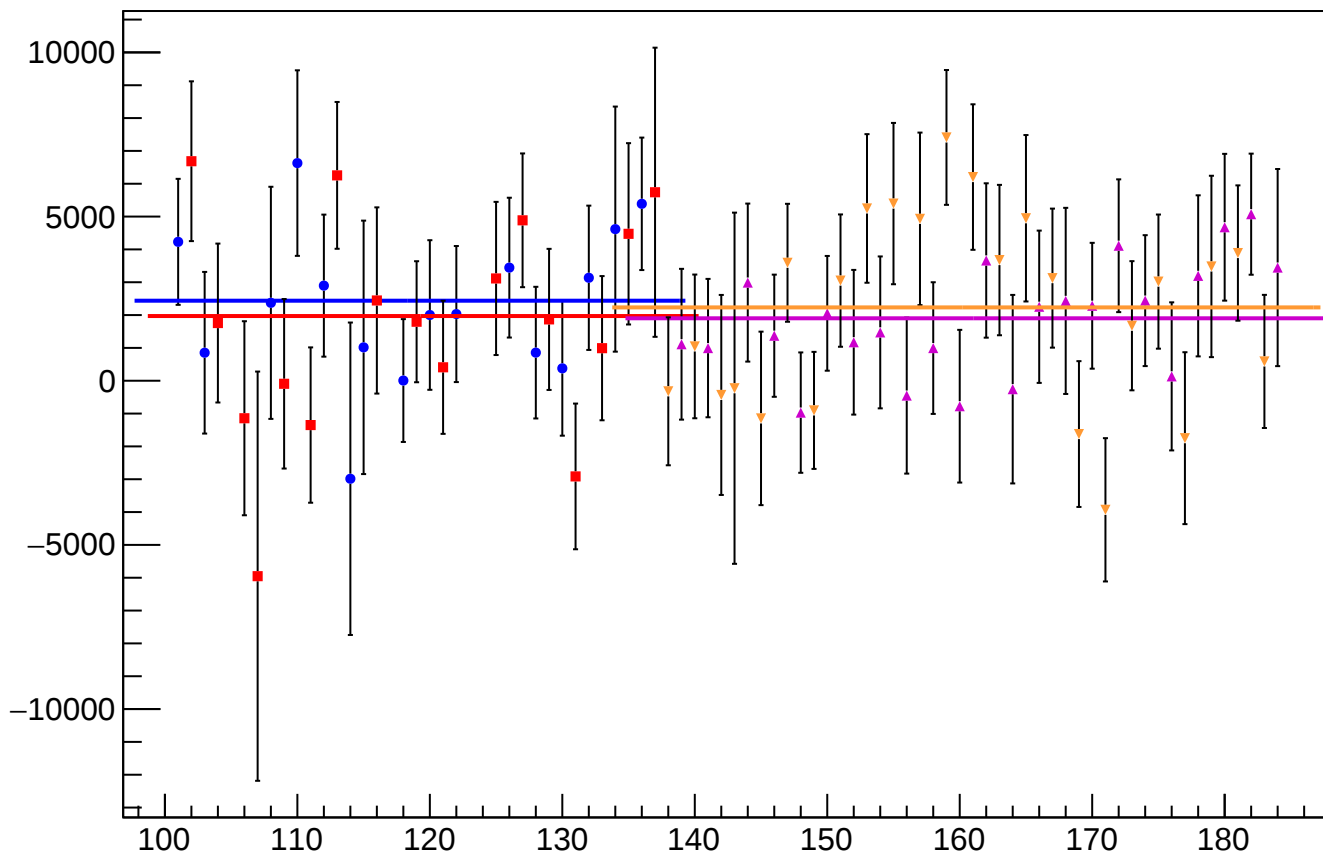
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

In: 1196.888 $\pm$ 0.181 χ^2 /NDF: 4680542.0/38

Out: 1213.328 $\pm$ 0.181 χ^2 /NDF: 5196768.2/40

All: 1205.089 $\pm$ 0.128 χ^2 /NDF: 9881423.5/79

asym_usl_mean vs Slug, Sign Corrected



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

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

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

Left In: 1901.797 $\pm$ 453.879 χ^2 /NDF:13.9/22

Left: 2065.777 $\pm$ 322.752 χ^2 /NDF: 53.0/46

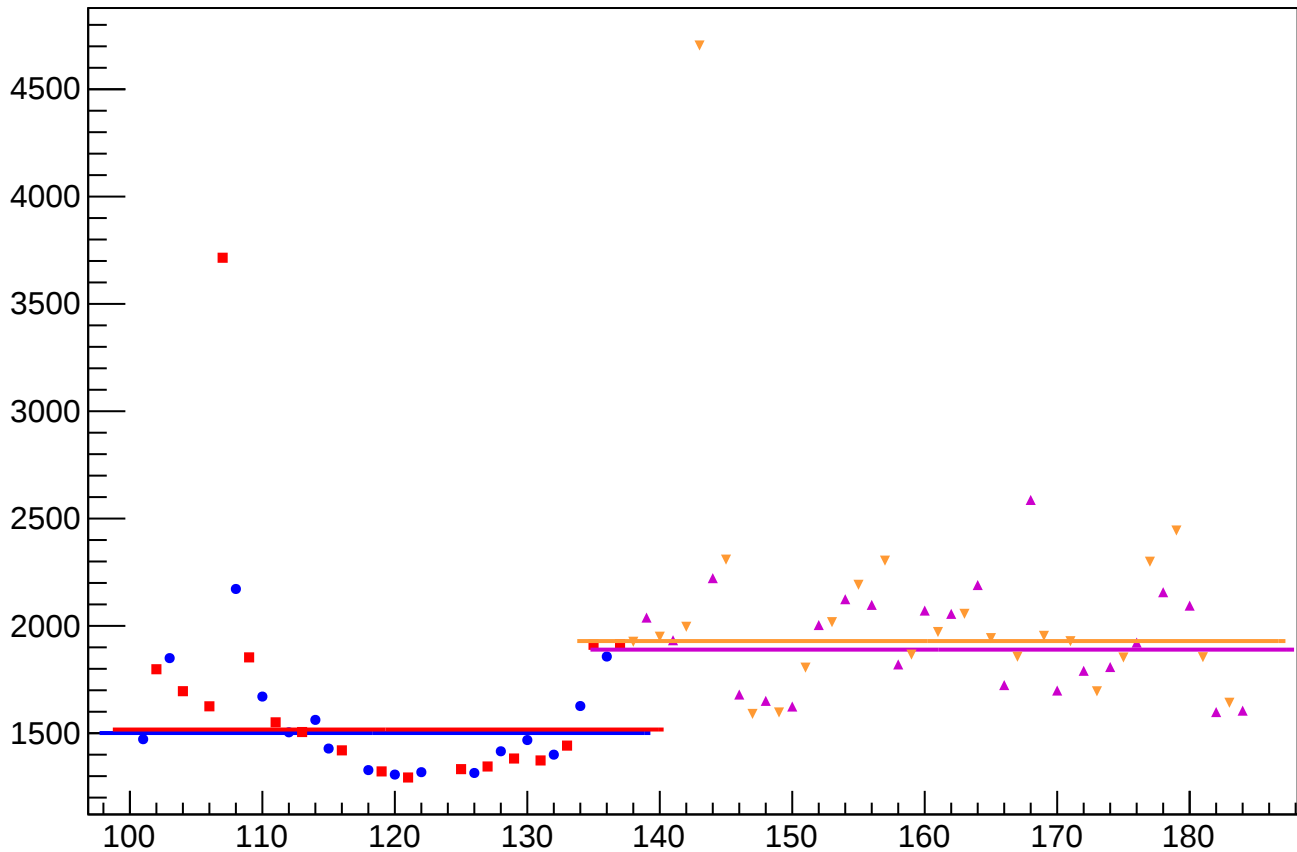
Right: 2204.149 $\pm$ 414.681 χ^2 /NDF: 33.8/32

In: 2102.571 $\pm$ 358.886 χ^2 /NDF:25.5/38

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

All: 2117.978 $\pm$ 254.699 χ^2 /NDF: 86.8/79

asym_usl_rms vs Slug, Sign Corrected



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

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

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

Left In: 1889.326+/-0.321 χ^2/NDF : 508648.5/22

Left: 1909.077+/-0.228 χ^2/NDF : 1506934.1/46

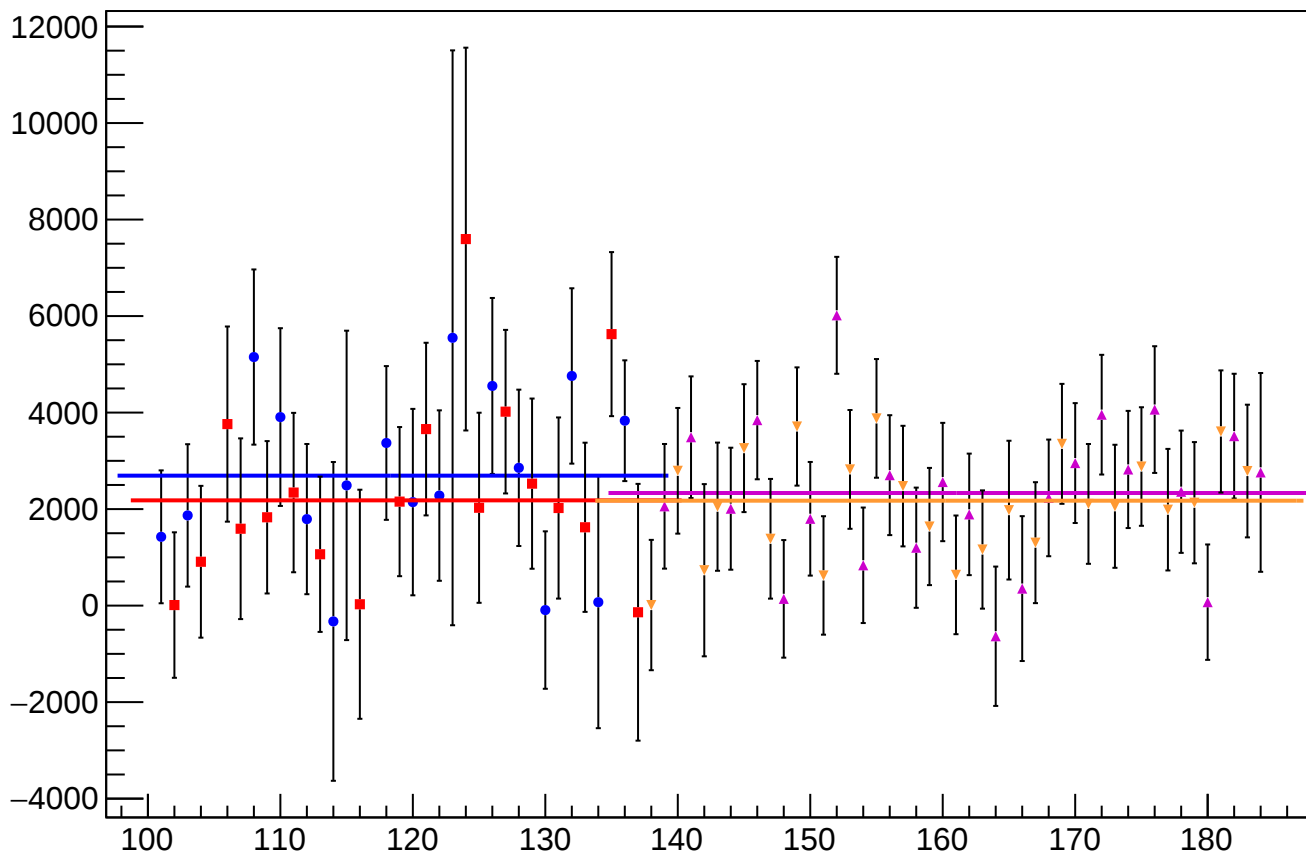
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1743.726+/-0.254 χ^2/NDF : 1314038.7/38

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

All: 1758.138+/-0.180 χ^2/NDF : 3398489.4/79

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2333.582 $\pm$ 265.340 χ^2 /NDF:32.1/22

Left: 2252.705 $\pm$ 186.177 χ^2 /NDF: 47.9/46

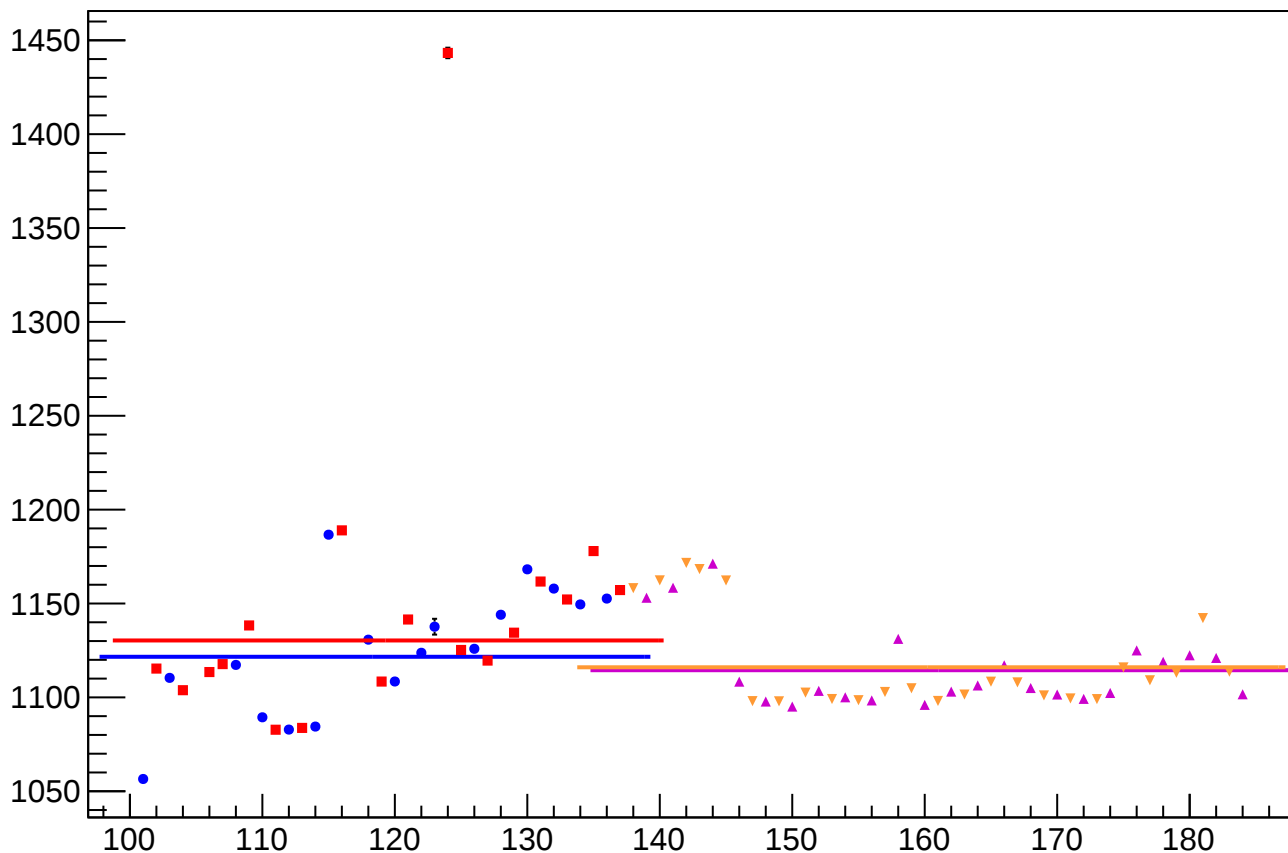
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2431.830 $\pm$ 226.185 χ^2 /NDF:44.8/39

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

All: 2301.960 $\pm$ 158.675 χ^2 /NDF: 74.7/81

dit_asym_usr_rms vs Slug, Sign Corrected



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

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

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

Left In: 1114.473 $\pm$ 0.188 χ^2 /NDF:12263.8/22

Left: 1115.262 $\pm$ 0.132 χ^2 /NDF: 29310.3/46

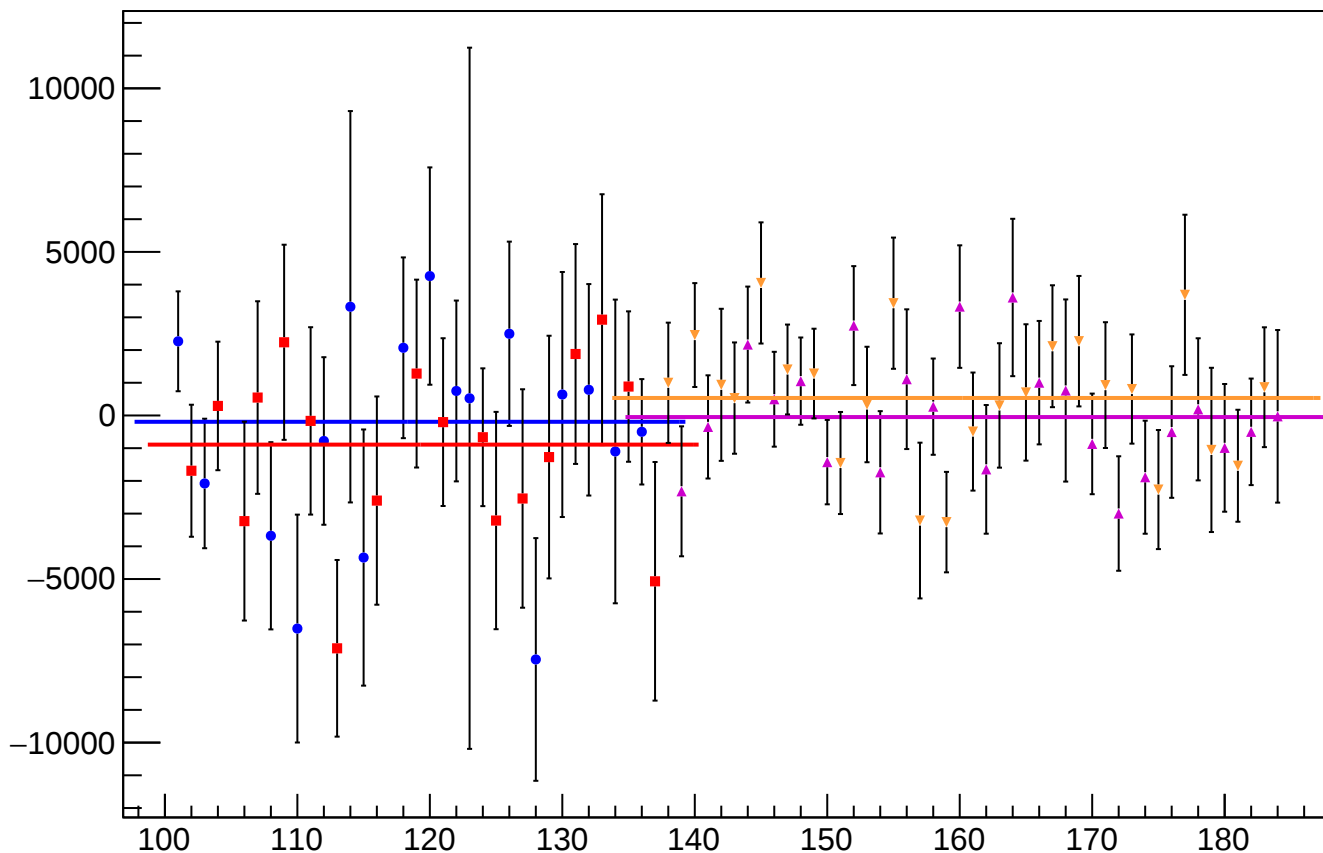
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1116.429 $\pm$ 0.160 χ^2 /NDF:24641.3/39

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

All: 1118.212 $\pm$ 0.112 χ^2 /NDF: 64812.3/81

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 535.202 $\pm$ 367.440 χ^2 /NDF:26.0/23

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

Left In: -48.620 $\pm$ 369.225 χ^2 /NDF:19.6/22

Left: 244.705 $\pm$ 260.448 χ^2 /NDF: 46.9/46

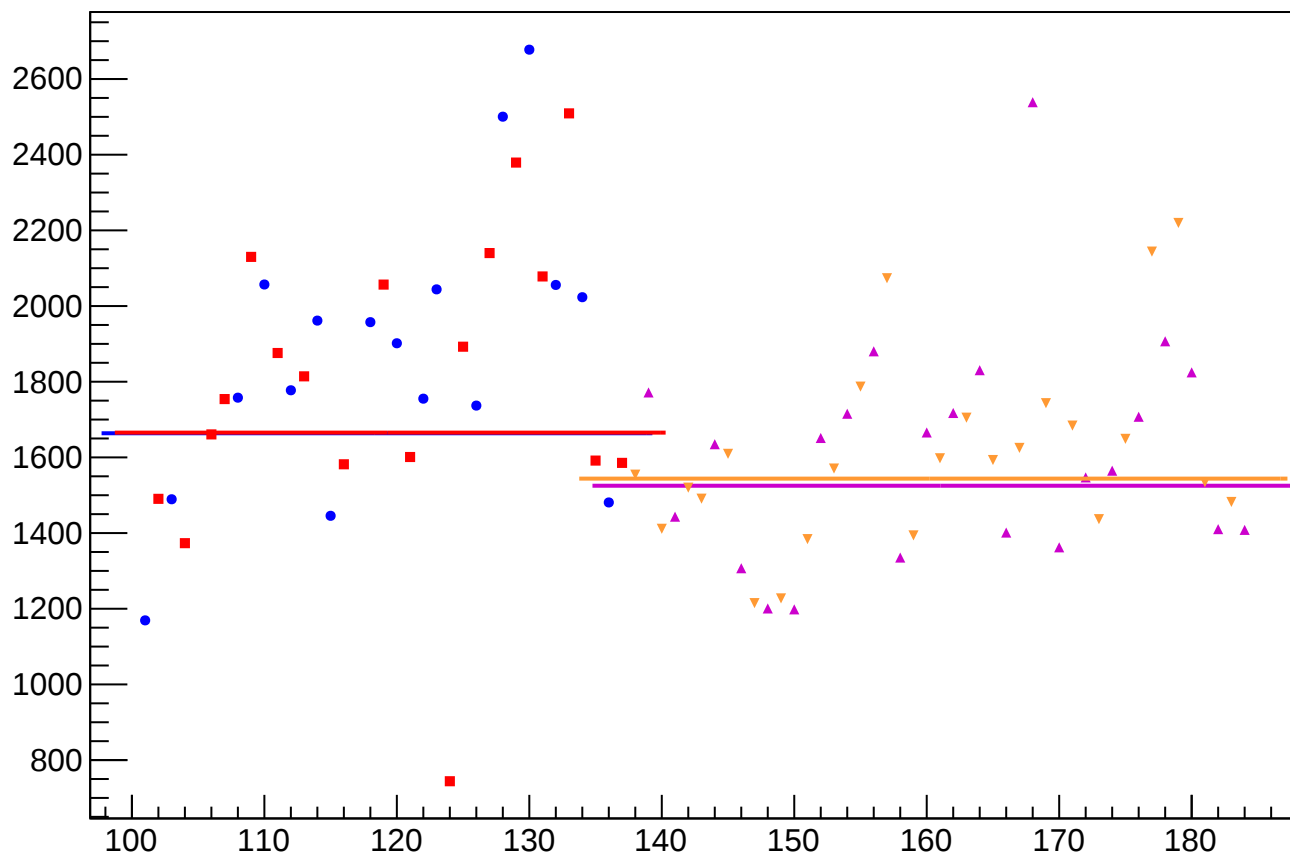
Right: -548.030 $\pm$ 463.023 χ^2 /NDF: 31.0/34

In: -83.086 $\pm$ 322.271 χ^2 /NDF:37.0/39

Out: 189.326 $\pm$ 319.799 χ^2 /NDF:42.7/41

All: 54.169 $\pm$ 227.001 χ^2 /NDF: 80.1/81

asym_usr_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 1525.105+/-0.261 χ^2/NDF : 953918.8/22

Left: 1534.551+/-0.184 χ^2/NDF : 1699362.8/46

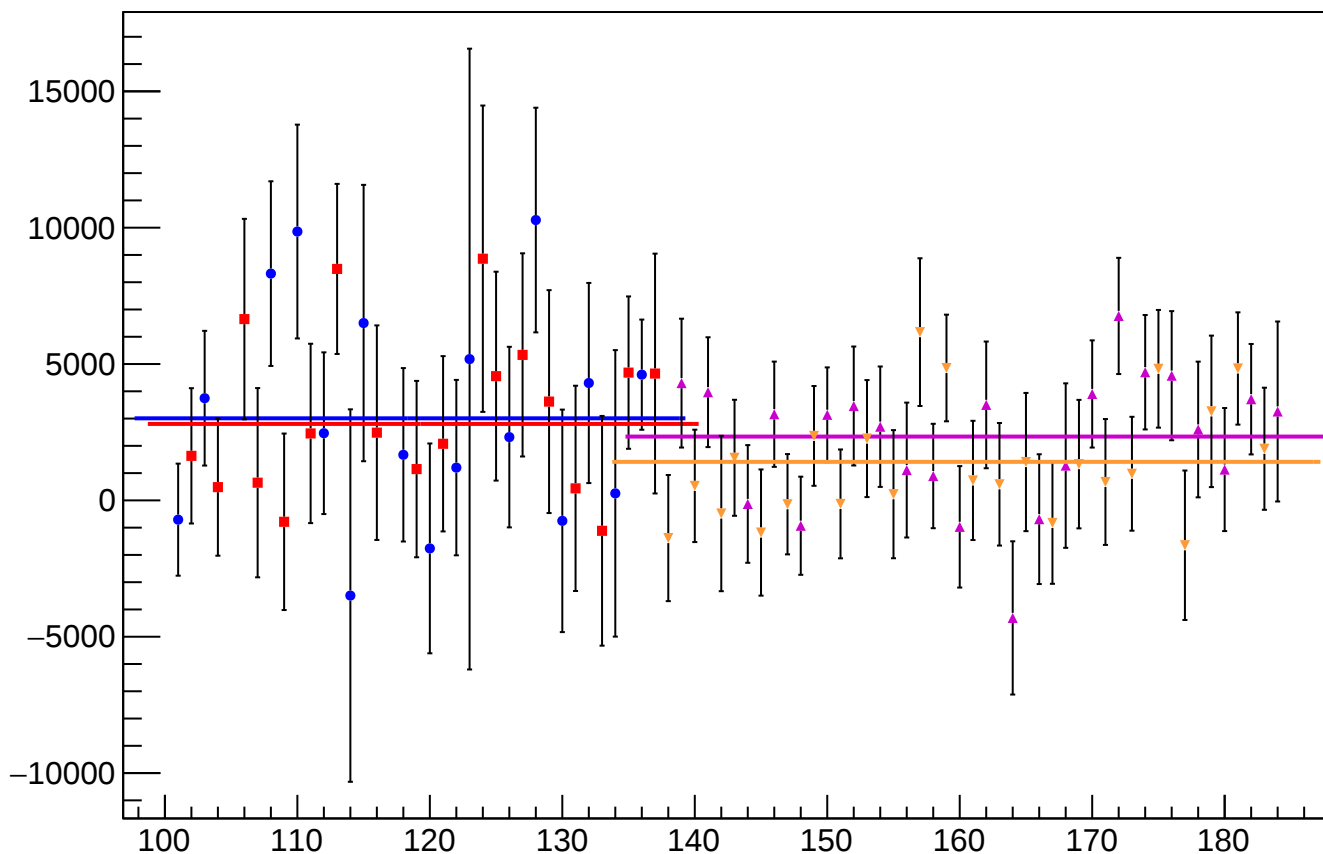
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1558.132+/-0.228 χ^2/NDF : 1643589.3/39

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

All: 1565.818+/-0.161 χ^2/NDF : 3244559.8/81

asym_usr_mean vs Slug, Sign Corrected



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

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

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

Left In: 2339.905 $\pm$ 457.448 χ^2 /NDF:25.2/22

Left: 1872.227 $\pm$ 321.945 χ^2 /NDF: 47.2/46

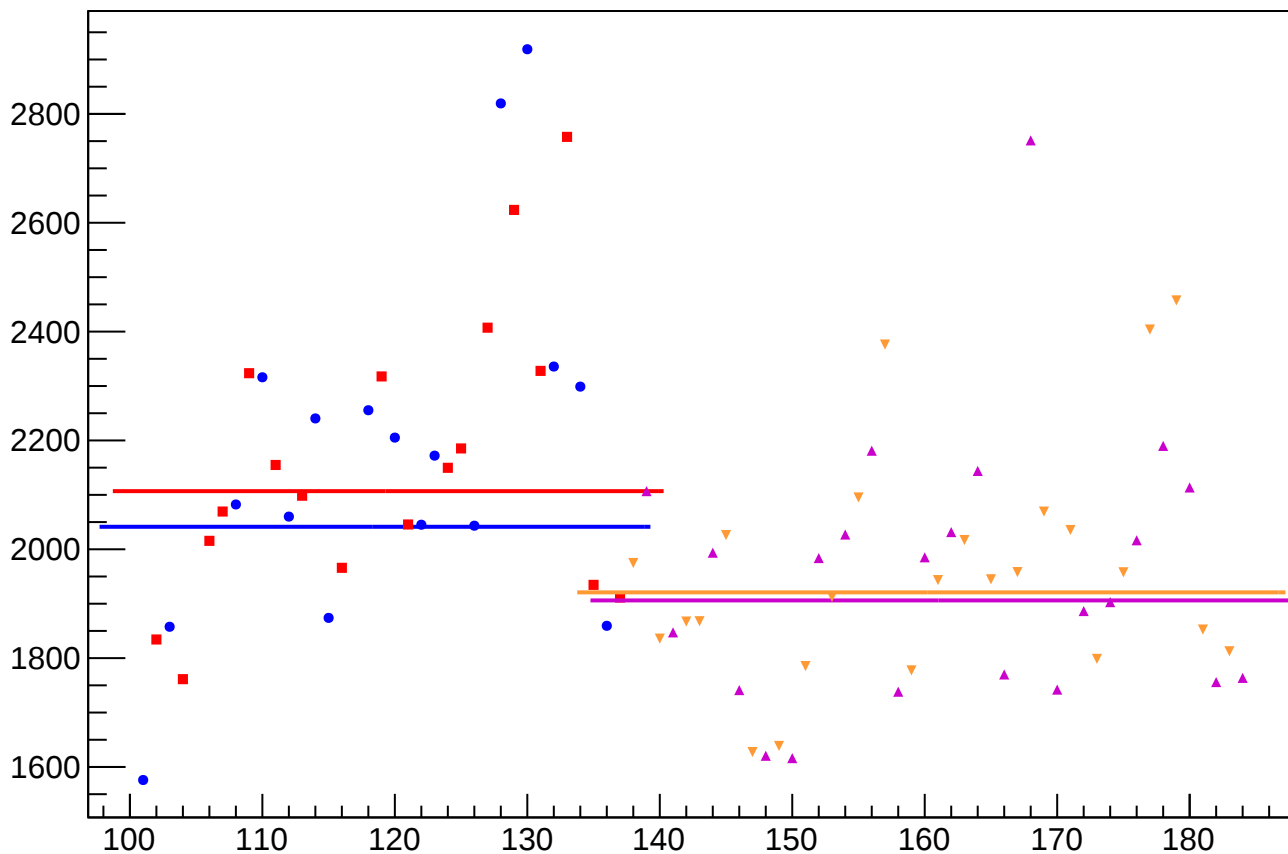
Right: 2906.573 $\pm$ 565.416 χ^2 /NDF: 28.6/34

In: 2504.928 $\pm$ 397.068 χ^2 /NDF:43.1/39

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

All: 2125.470 $\pm$ 279.771 χ^2 /NDF: 78.3/81

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1920.837+/-0.320 χ^2/NDF : 365165.2/23

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

Left In: 1906.043+/-0.323 χ^2/NDF : 451054.7/22

Left: 1913.509+/-0.228 χ^2/NDF : 817275.7/46

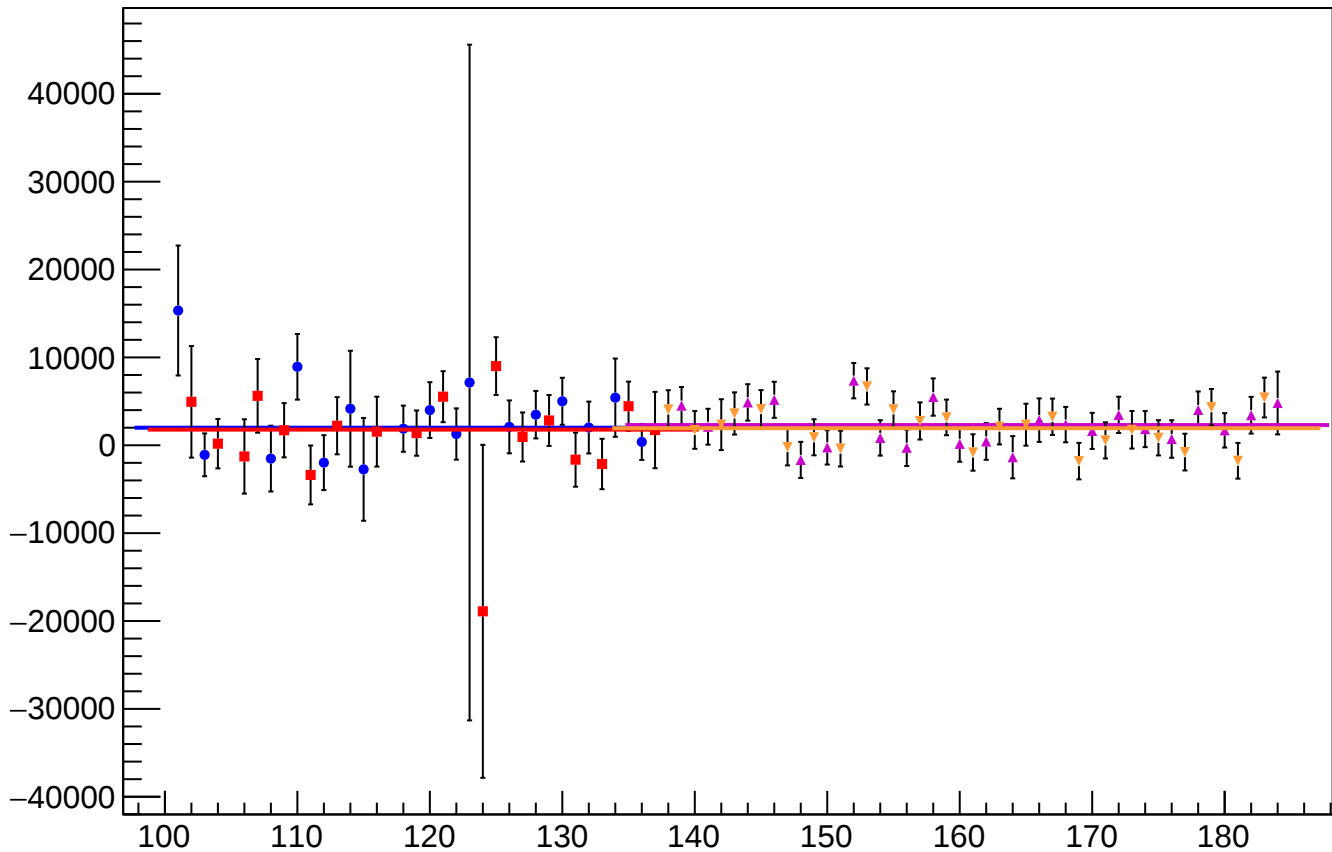
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1939.405+/-0.281 χ^2/NDF : 832634.5/39

Out: 1966.061+/-0.279 χ^2/NDF : 643804.2/41

All: 1952.827+/-0.198 χ^2/NDF : 1480977.4/81

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2298.533 $\pm$ 440.433 χ^2 /NDF:27.5/22

Left: 2118.295 $\pm$ 309.316 χ^2 /NDF: 54.8/46

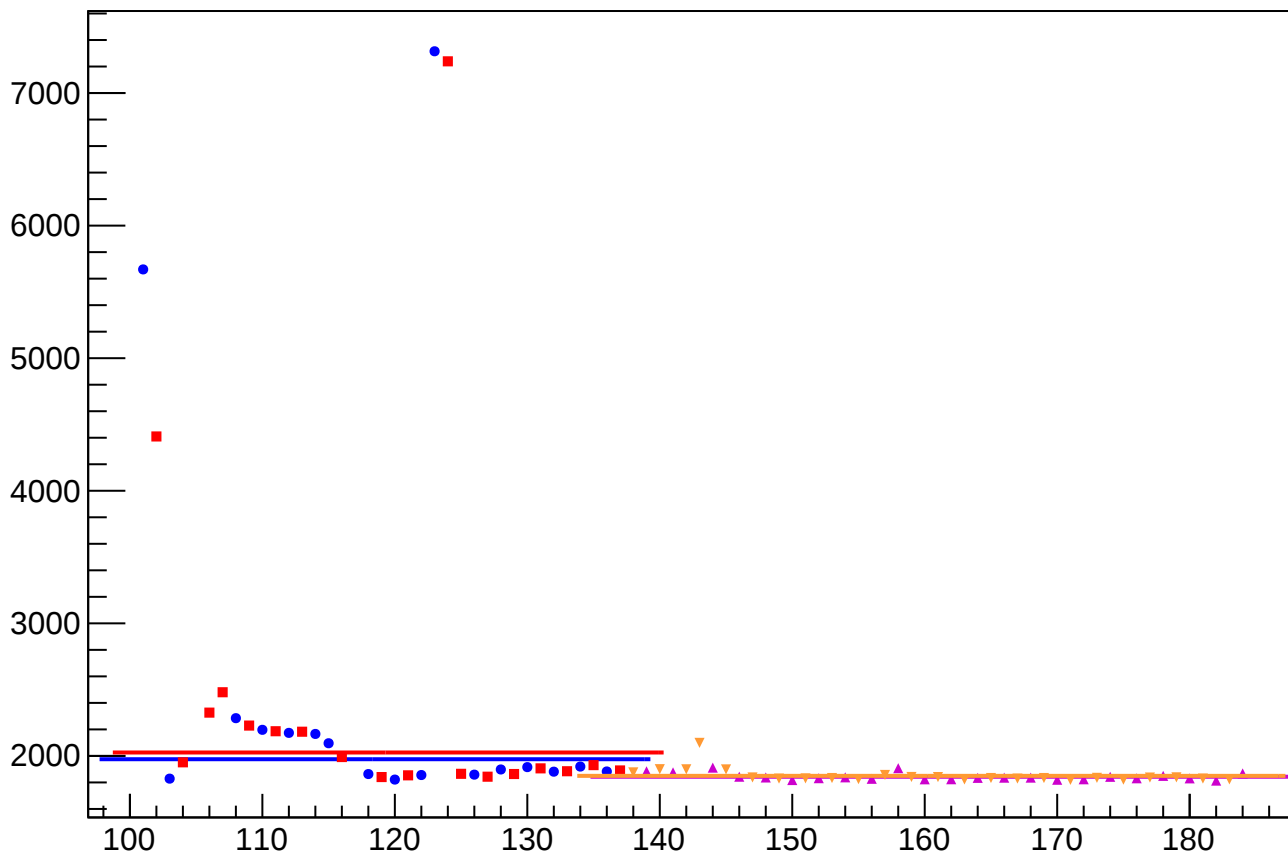
Right: 1890.892 $\pm$ 552.762 χ^2 /NDF: 31.1/34

In: 2226.562 $\pm$ 383.708 χ^2 /NDF:42.4/39

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

All: 2064.068 $\pm$ 269.928 χ^2 /NDF: 86.0/81

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1843.042+/-0.311 χ^2/NDF : 7279.9/22

Left: 1846.403+/-0.219 χ^2/NDF : 35190.7/46

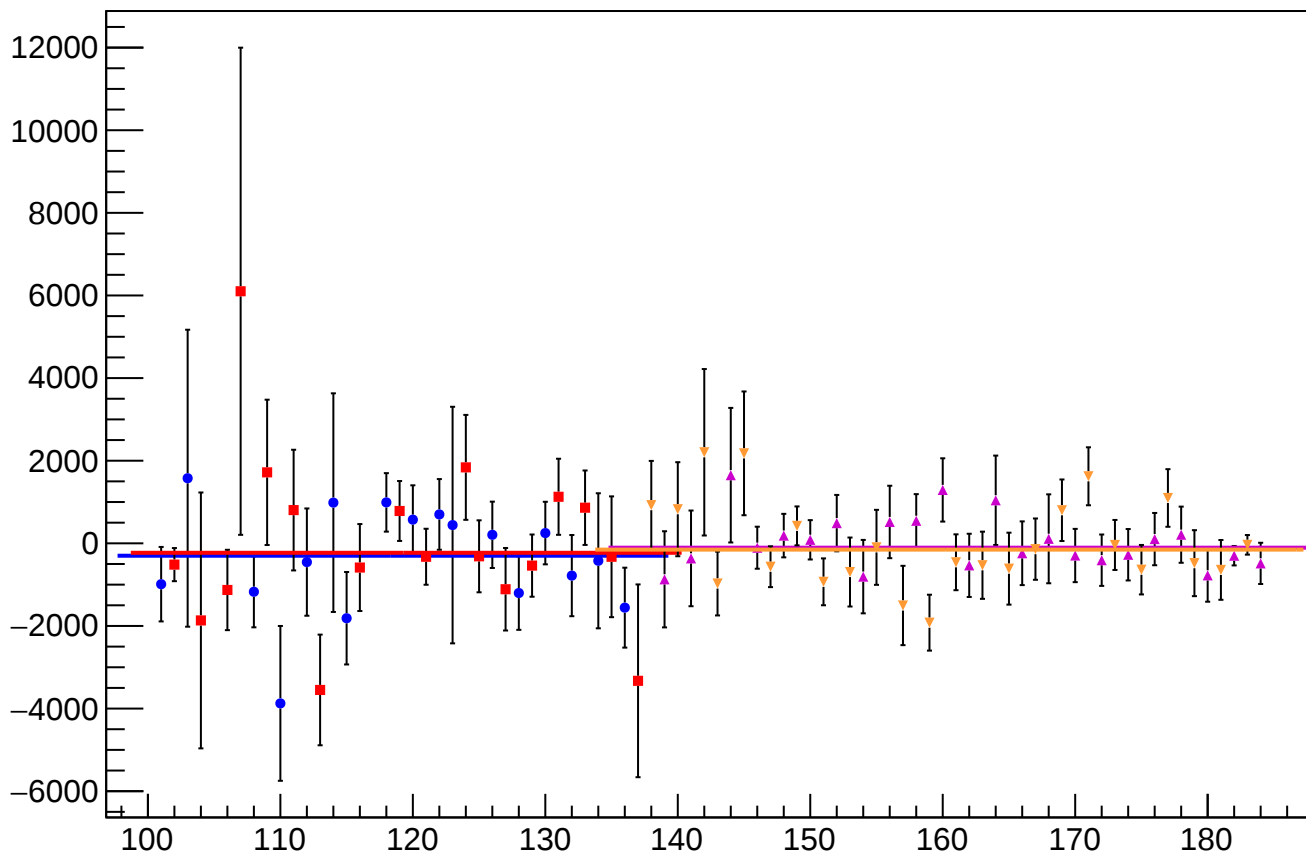
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1874.870+/-0.271 χ^2/NDF : 650450.3/39

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

All: 1883.145+/-0.191 χ^2/NDF : 1292966.0/81

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -152.262 ± 127.897 χ^2/NDF : 33.5/23

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

Left In: -105.406 ± 124.568 χ^2/NDF : 12.9/22

Left: -128.216 ± 89.237 χ^2/NDF : 46.5/46

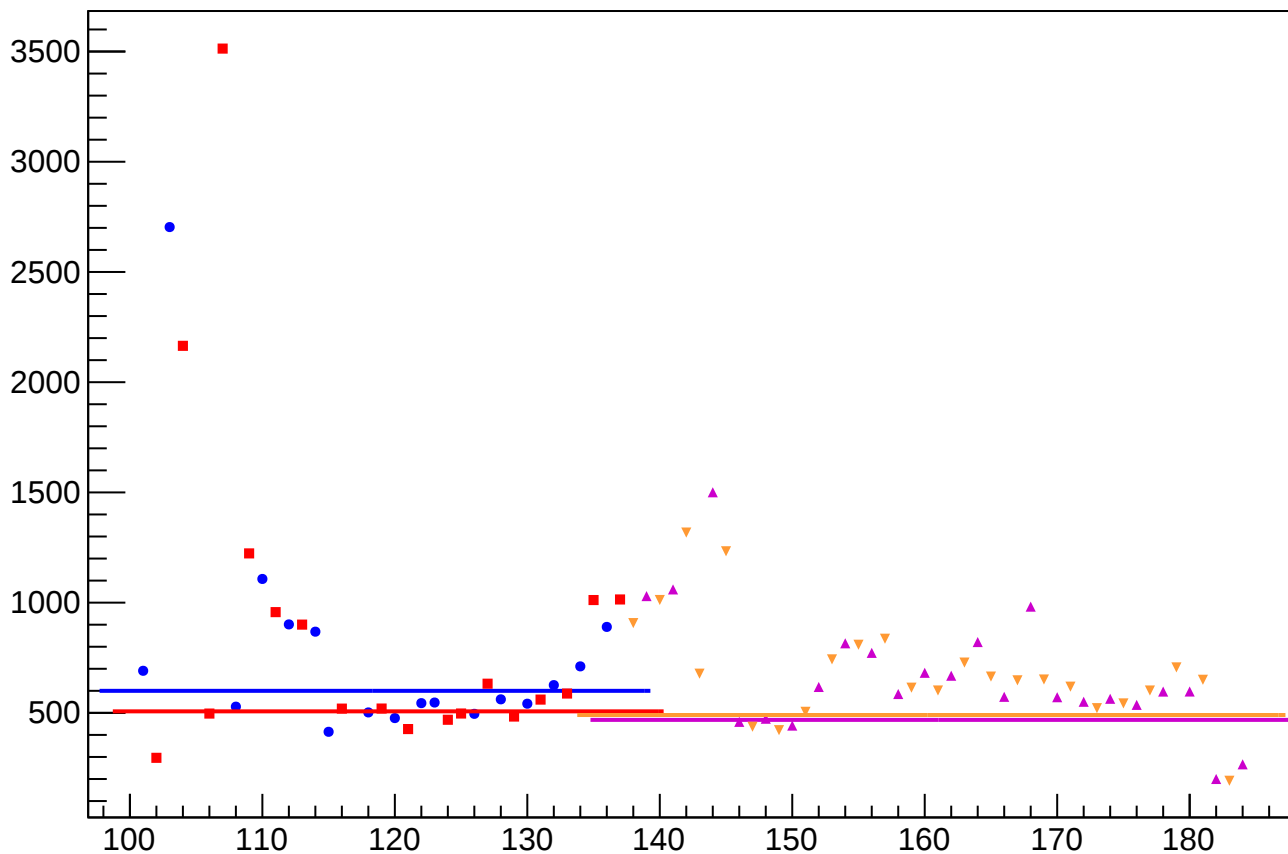
Right: -259.640 ± 162.327 χ^2/NDF : 39.2/34

In: -144.960 ± 111.189 χ^2/NDF : 30.8/39

Out: -172.180 ± 110.002 χ^2/NDF : 55.4/41

All: -158.716 ± 78.199 χ^2/NDF : 86.2/81

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 468.171+/-0.088 χ^2/NDF : 6737456.3/22

Left: 478.961+/-0.063 χ^2/NDF : 13294849.4/46

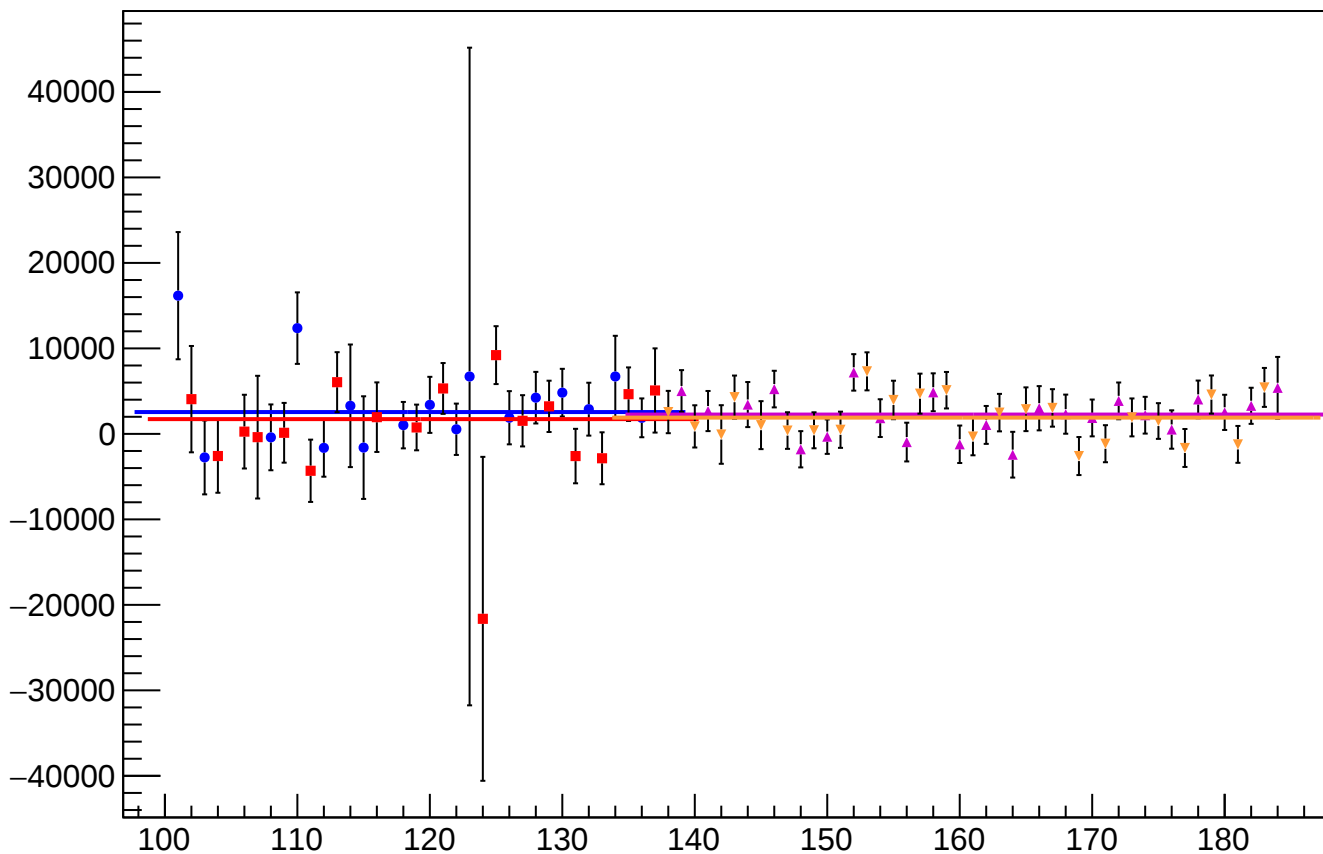
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 494.959+/-0.079 χ^2/NDF : 8573510.2/39

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

All: 494.798+/-0.055 χ^2/NDF : 17869653.5/83

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2553.597 ± 858.906 χ^2/NDF : 15.7/16

Left Out: 1902.973 ± 466.249 χ^2/NDF : 29.6/23

Right Out: 1727.074 ± 855.162 χ^2/NDF : 19.5/17

Left In: 2260.178 ± 472.324 χ^2/NDF : 26.3/22

Left: 2079.264 ± 331.815 χ^2/NDF : 56.2/46

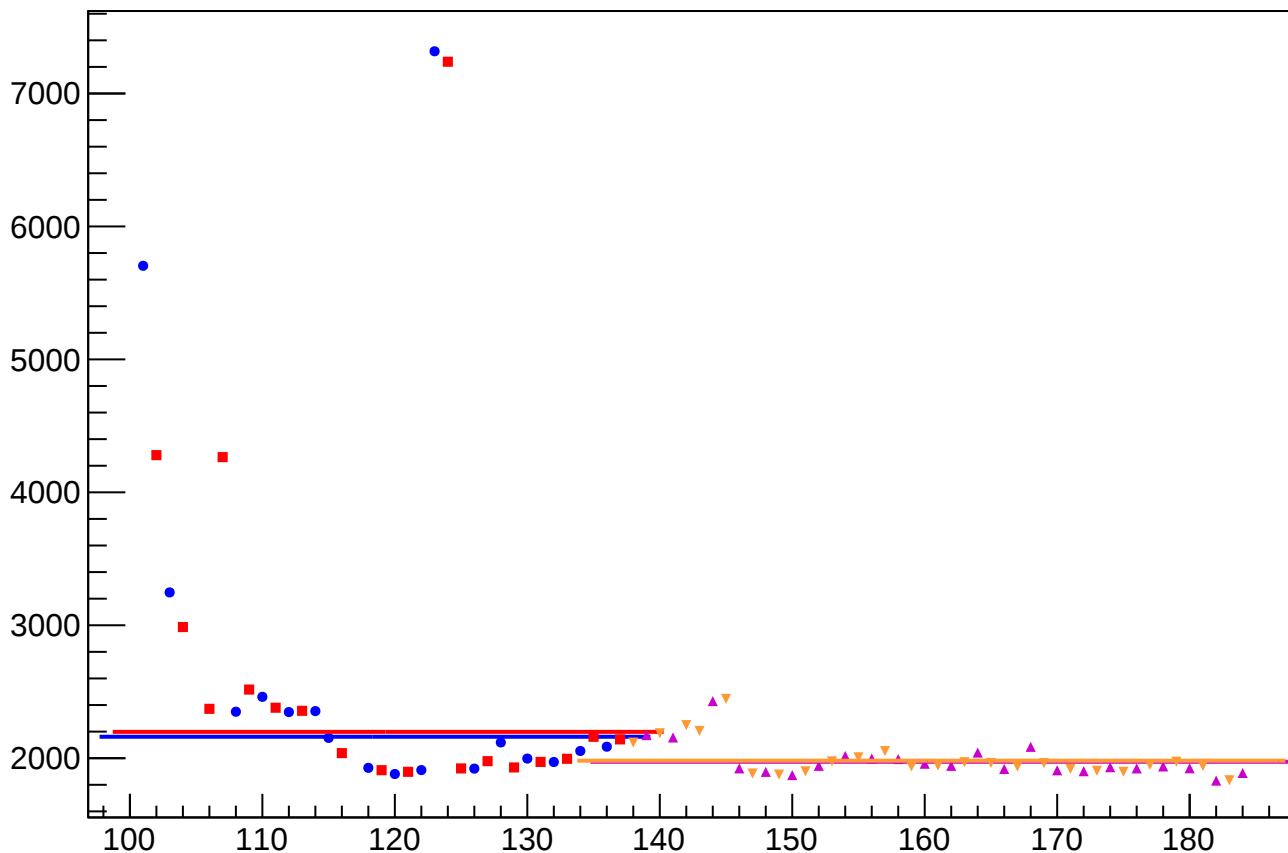
Right: 2138.530 ± 606.010 χ^2/NDF : 35.7/34

In: 2328.307 ± 413.873 χ^2/NDF : 42.1/39

Out: 1862.666 ± 409.359 χ^2/NDF : 49.2/41

All: 2092.933 ± 291.043 χ^2/NDF : 92.0/81

asym_at1_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1973.216 $\pm$ 0.334 χ^2 /NDF:120479.3/22

Left: 1977.354 $\pm$ 0.235 χ^2 /NDF: 256644.6/46

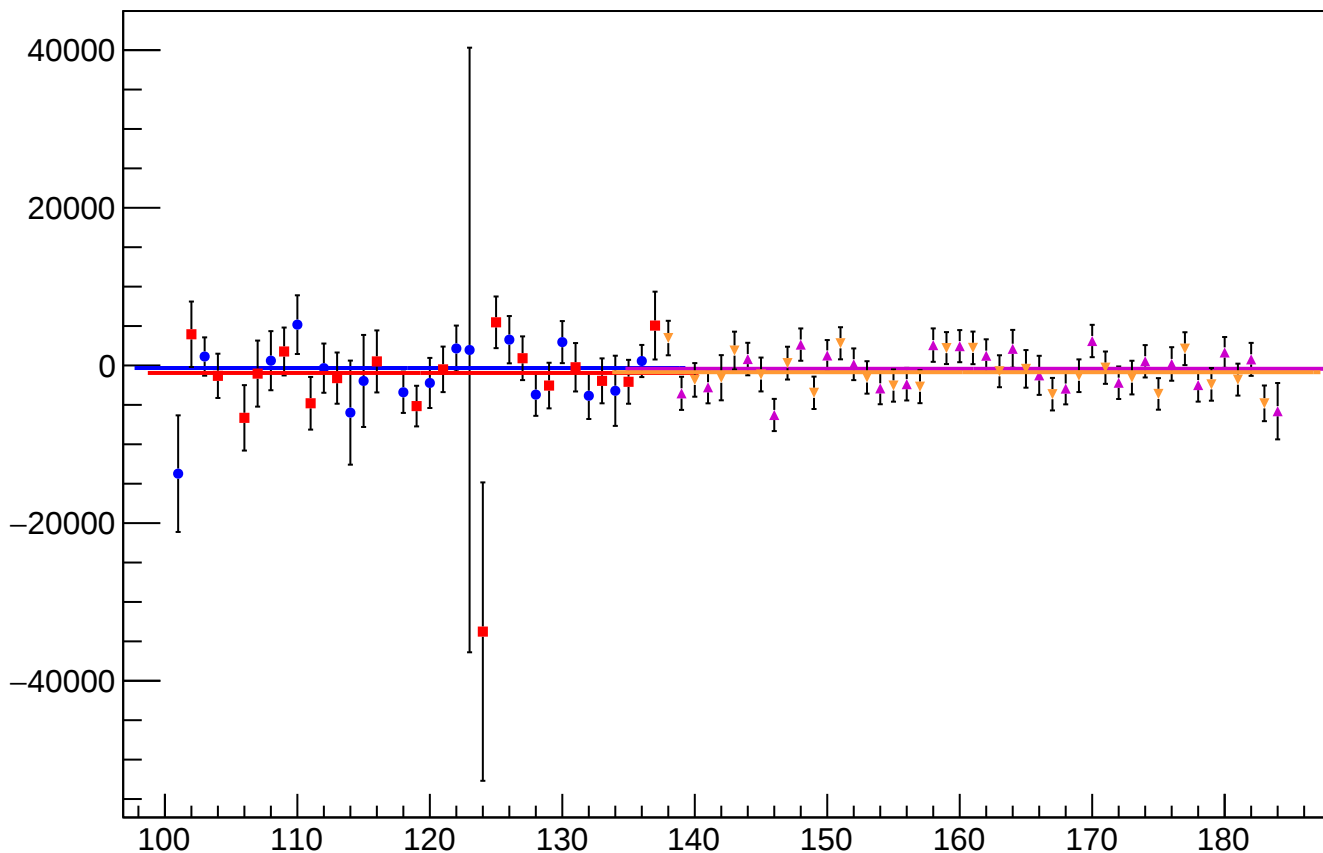
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2016.915 $\pm$ 0.293 χ^2 /NDF:905462.2/39

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

All: 2024.068 $\pm$ 0.206 χ^2 /NDF: 1875469.3/81

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -424.262+/-439.523 χ^2/NDF : 33.7/22

Left: -642.791+/-308.587 χ^2/NDF : 60.8/46

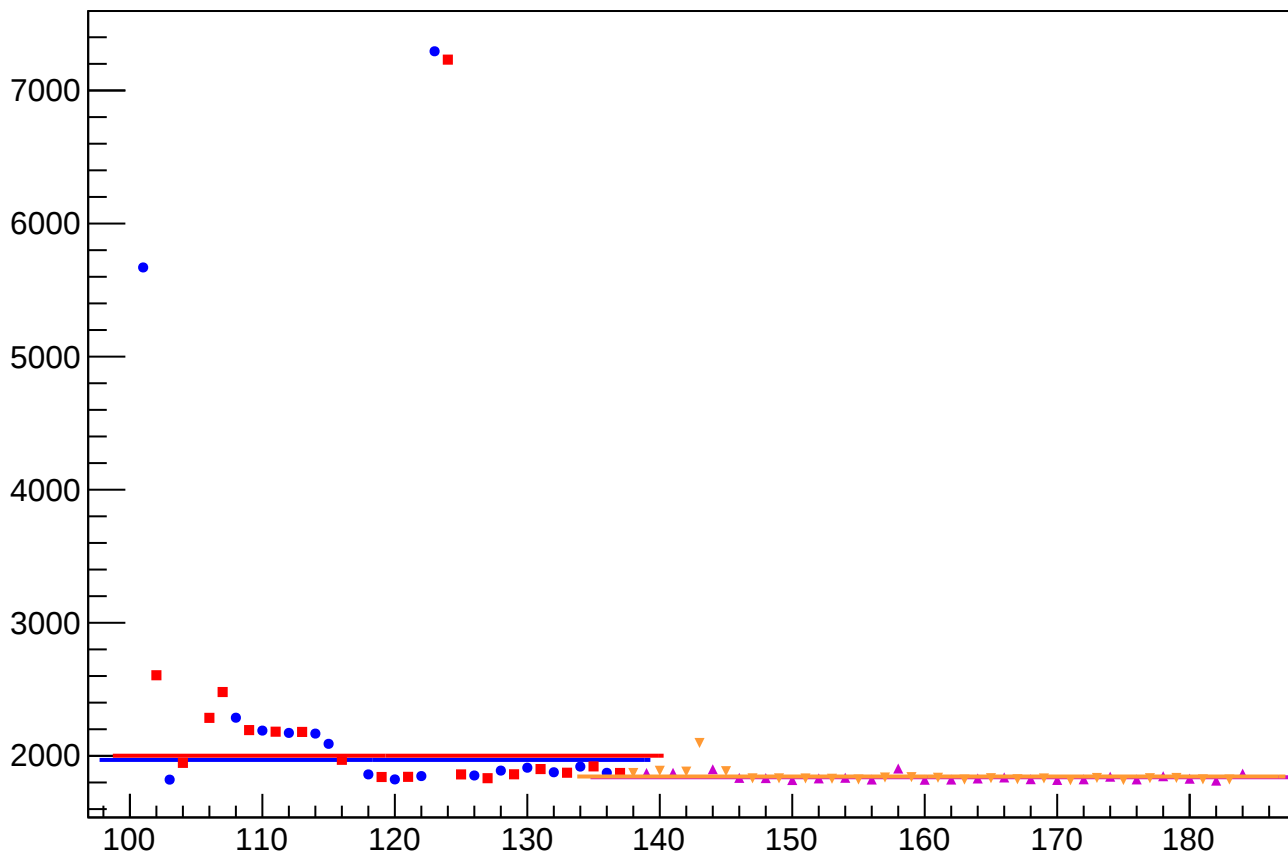
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -400.013+/-382.857 χ^2/NDF : 49.4/39

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

All: -642.421+/-268.875 χ^2/NDF : 95.0/81

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1969.494 $\pm$ 0.551 χ^2 /NDF: 602810.5/16

Left Out: 1844.859 $\pm$ 0.306 χ^2 /NDF: 26834.6/23

Right Out: 2001.177 $\pm$ 0.545 χ^2 /NDF: 290624.5/17

Left In: 1839.274 $\pm$ 0.311 χ^2 /NDF: 6386.1/22

Left: 1842.106 $\pm$ 0.218 χ^2 /NDF: 33384.4/46

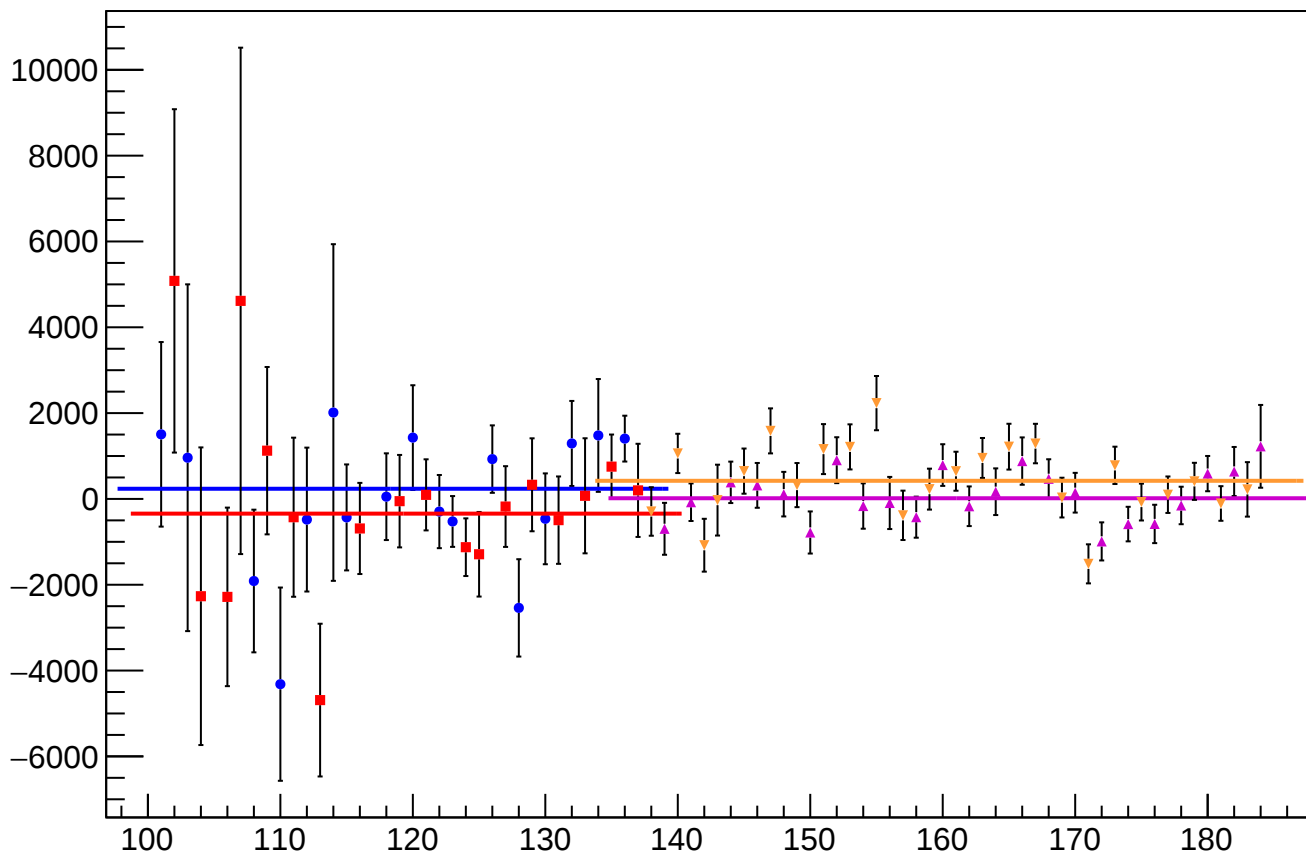
Right: 1985.524 $\pm$ 0.387 χ^2 /NDF: 895106.7/34

In: 1870.687 $\pm$ 0.271 χ^2 /NDF: 651547.0/39

Out: 1882.441 $\pm$ 0.267 χ^2 /NDF: 380023.4/41

All: 1876.644 $\pm$ 0.190 χ^2 /NDF: 1032525.7/83

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 15.681 $\pm$ 102.850 χ^2 /NDF:29.1/22

Left: 221.576 $\pm$ 72.269 χ^2 /NDF: 96.7/46

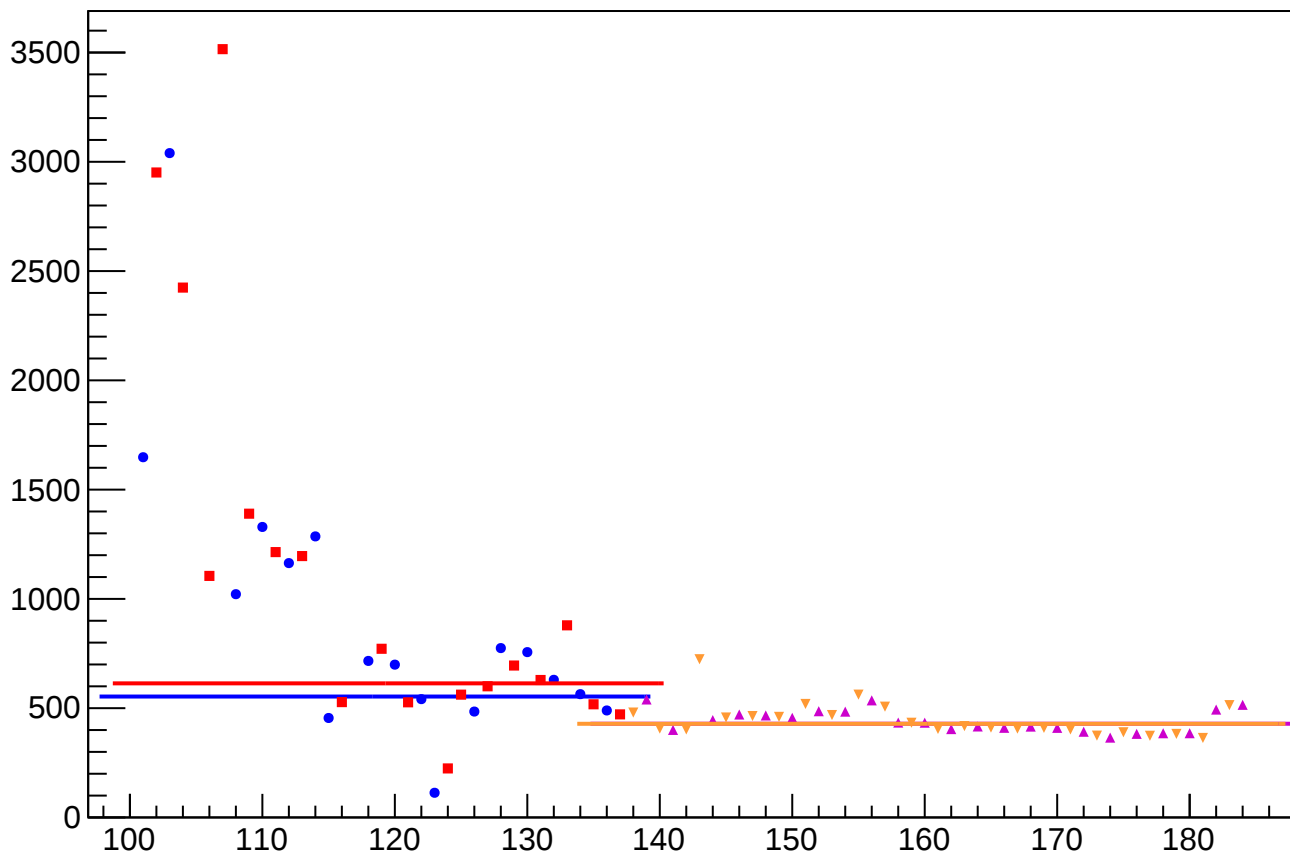
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

In: 48.005 $\pm$ 95.038 χ^2 /NDF:53.7/39

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

All: 187.372 $\pm$ 67.190 χ^2 /NDF: 140.6/81

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 428.814+/-0.073 χ^2/NDF : 397391.5/22

Left: 428.699+/-0.051 χ^2/NDF : 1101723.4/46

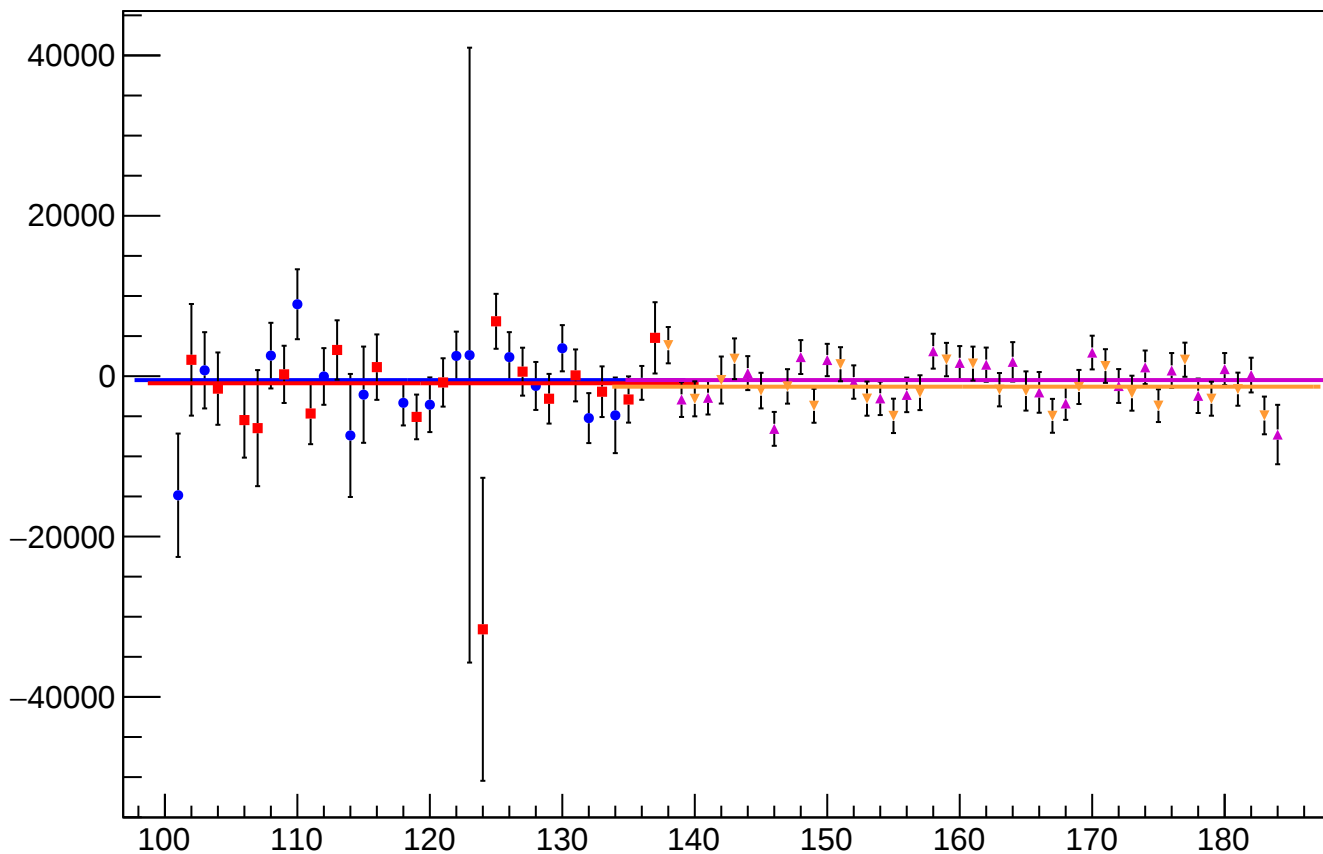
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 447.004+/-0.067 χ^2/NDF : 4238194.5/39

Out: 451.732+/-0.067 χ^2/NDF : 5010800.5/41

All: 449.369+/-0.048 χ^2/NDF : 9251471.4/81

asym_at1_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -485.827 ± 452.020 χ^2/NDF : 32.4/22

Left: -903.411 ± 317.531 χ^2/NDF : 64.1/46

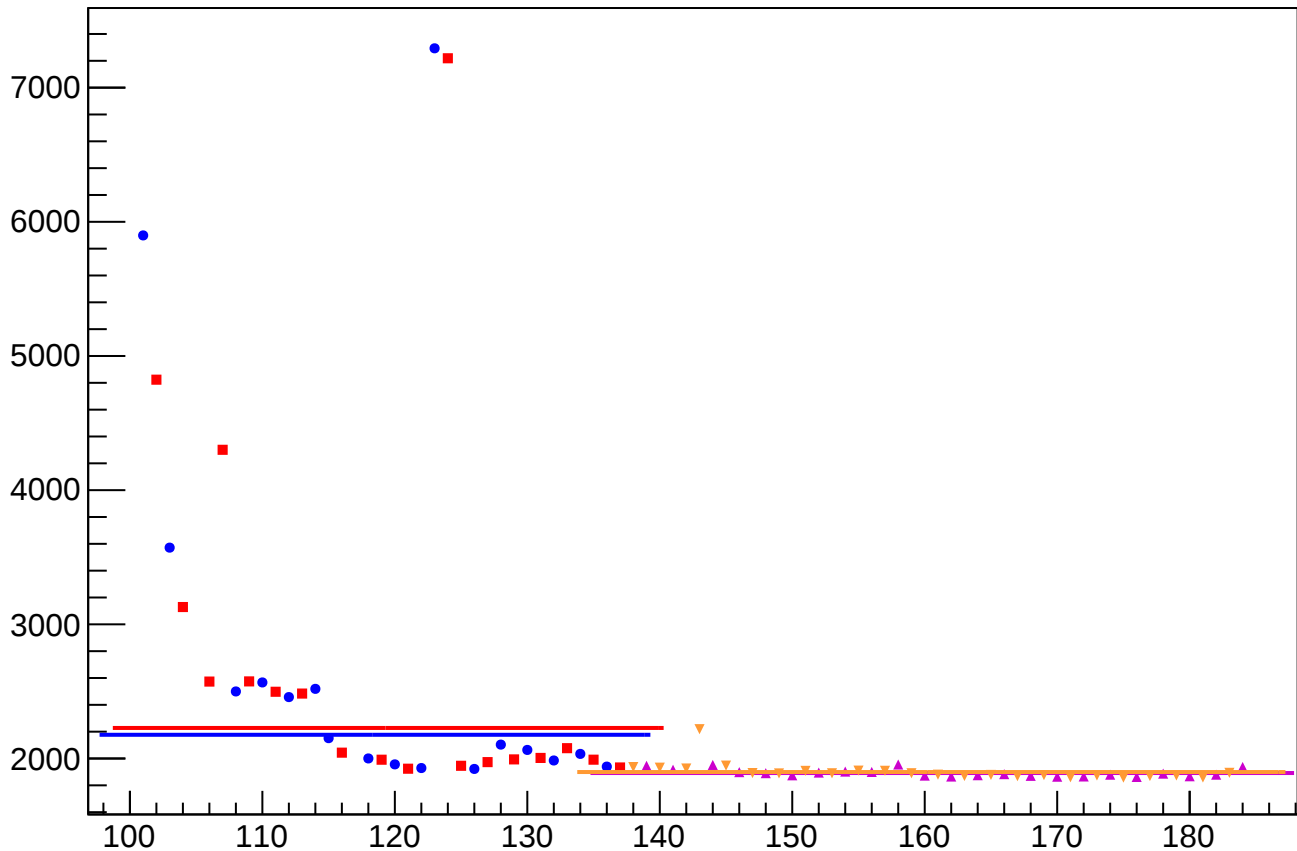
Right: -688.036 ± 614.167 χ^2/NDF : 35.9/34

In: -487.131 ± 400.914 χ^2/NDF : 51.0/39

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

All: -857.984 ± 282.063 χ^2/NDF : 100.2/81

asym_at1_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1891.722 $\pm$ 0.320 χ^2 /NDF: 7584.2/22

Left: 1895.509 $\pm$ 0.225 χ^2 /NDF: 46502.8/46

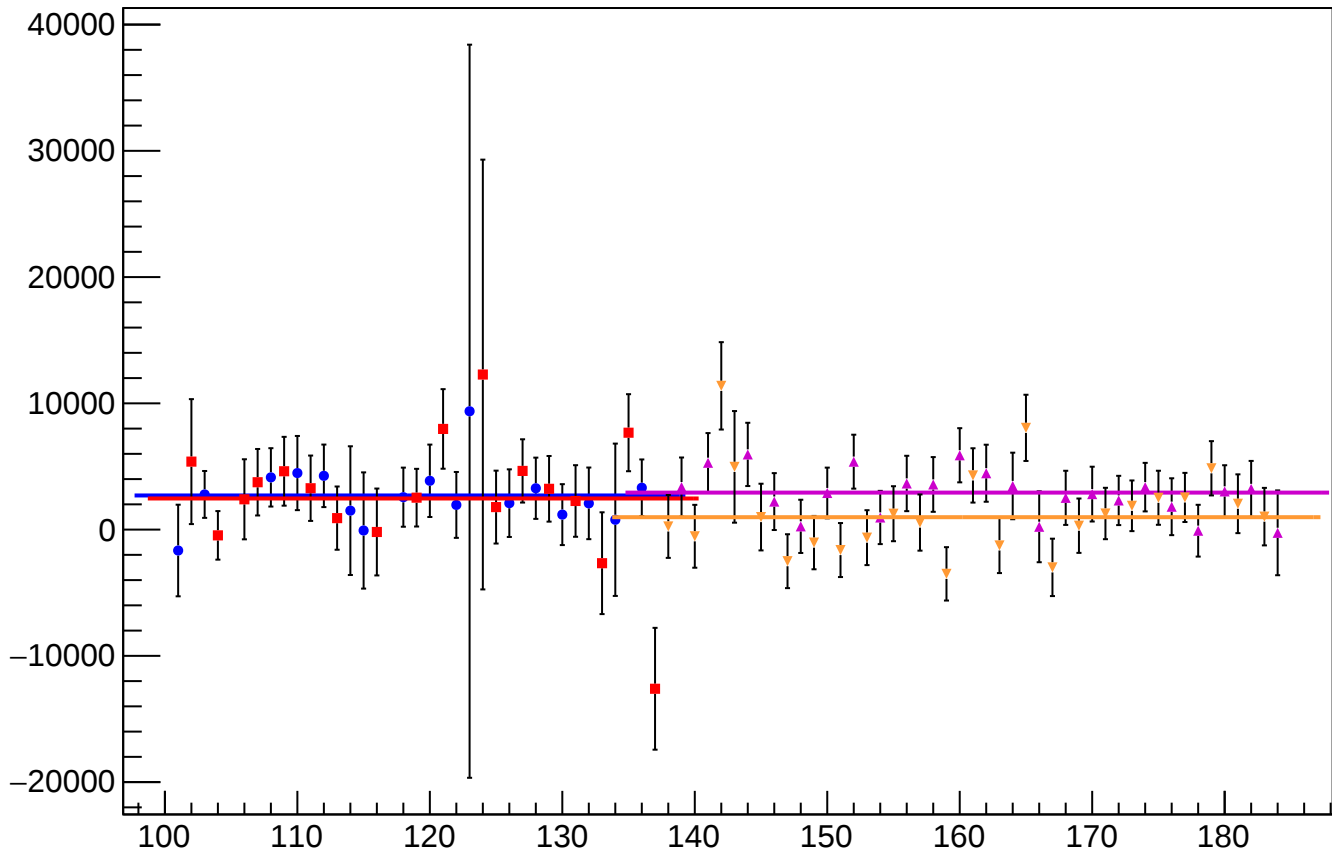
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 1952.529 $\pm$ 0.283 χ^2 /NDF: 979911.4/39

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

All: 1960.193 $\pm$ 0.199 χ^2 /NDF: 2071776.9/81

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 983.062 $\pm$ 463.435 χ^2 /NDF:39.2/23

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

Left In: 2930.152 $\pm$ 463.006 χ^2 /NDF:13.5/22

Left: 1957.508 $\pm$ 327.546 χ^2 /NDF: 61.4/46

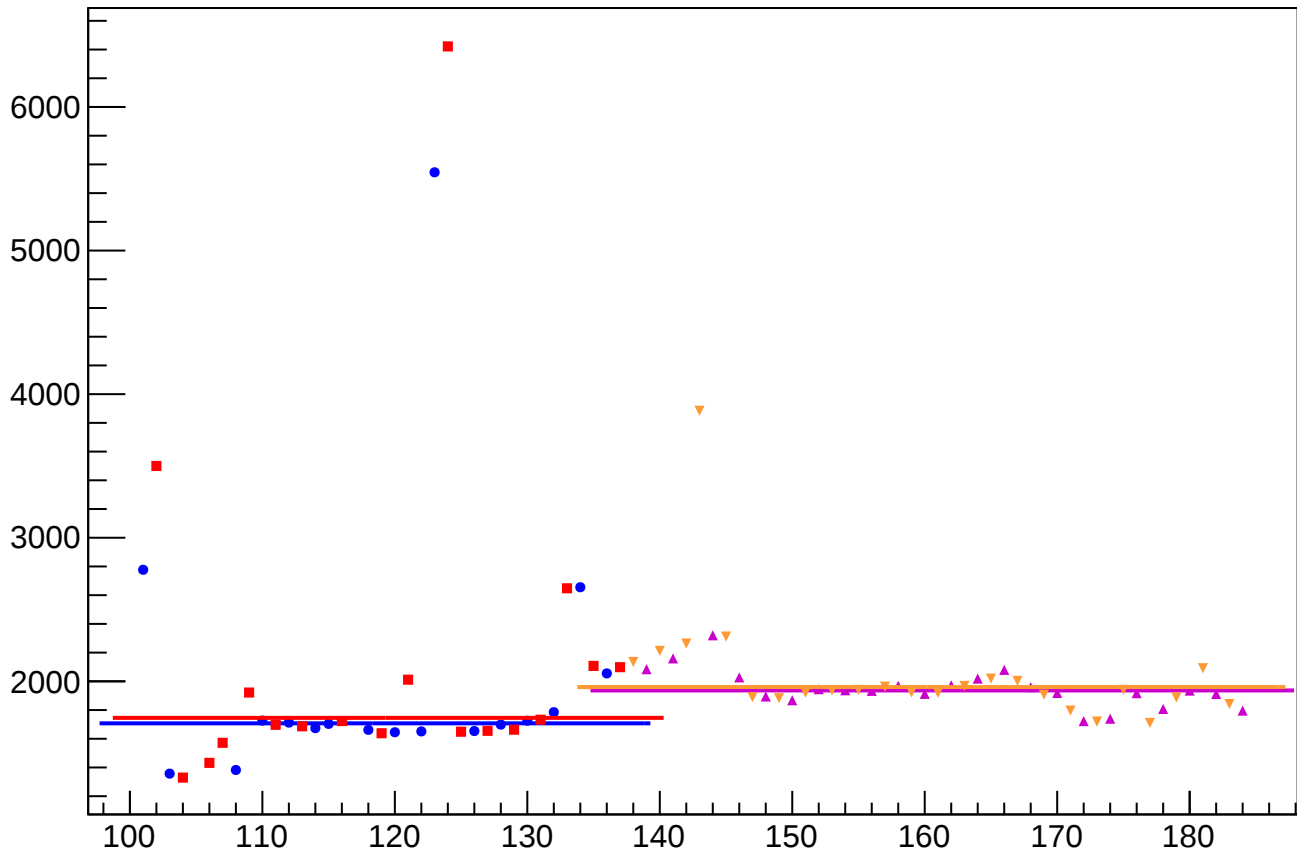
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 2857.474 $\pm$ 381.616 χ^2 /NDF:17.6/39

Out: 1449.862 $\pm$ 383.538 χ^2 /NDF:65.6/41

All: 2157.204 $\pm$ 270.520 χ^2 /NDF: 89.9/81

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1936.560+/-0.327 χ^2/NDF : 144738.0/22

Left: 1948.267+/-0.232 χ^2/NDF : 706348.7/46

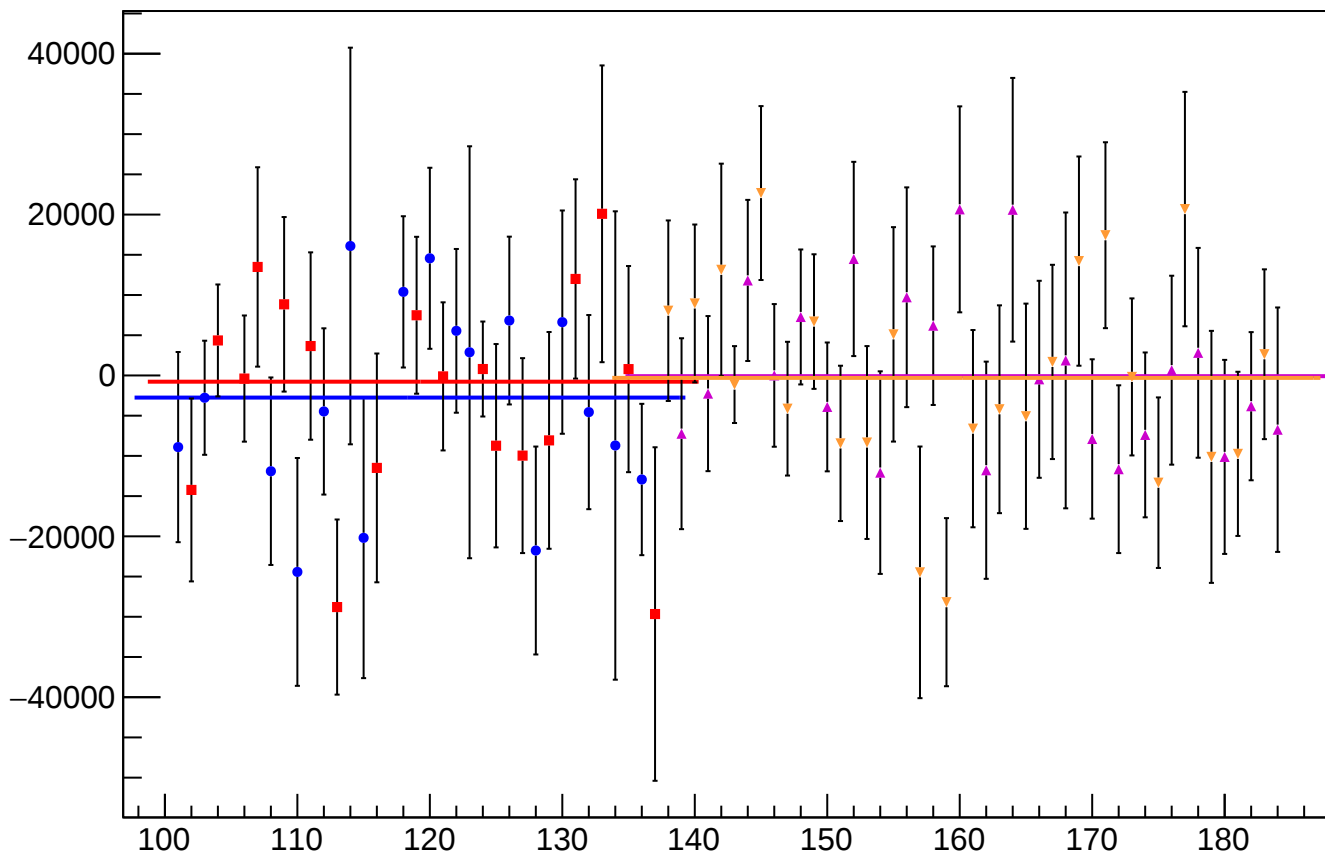
Right: 1726.210+/-0.339 χ^2/NDF : 1124571.0/34

In: 1863.070+/-0.270 χ^2/NDF : 724031.5/39

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

All: 1877.664+/-0.191 χ^2/NDF : 2123183.1/81

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -302.539 $\pm$ 2101.355 χ^2 /NDF:27.8/23

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

Left In: -88.781 $\pm$ 2299.426 χ^2 /NDF:14.5/22

Left: -205.261 $\pm$ 1551.189 χ^2 /NDF: 42.3/46

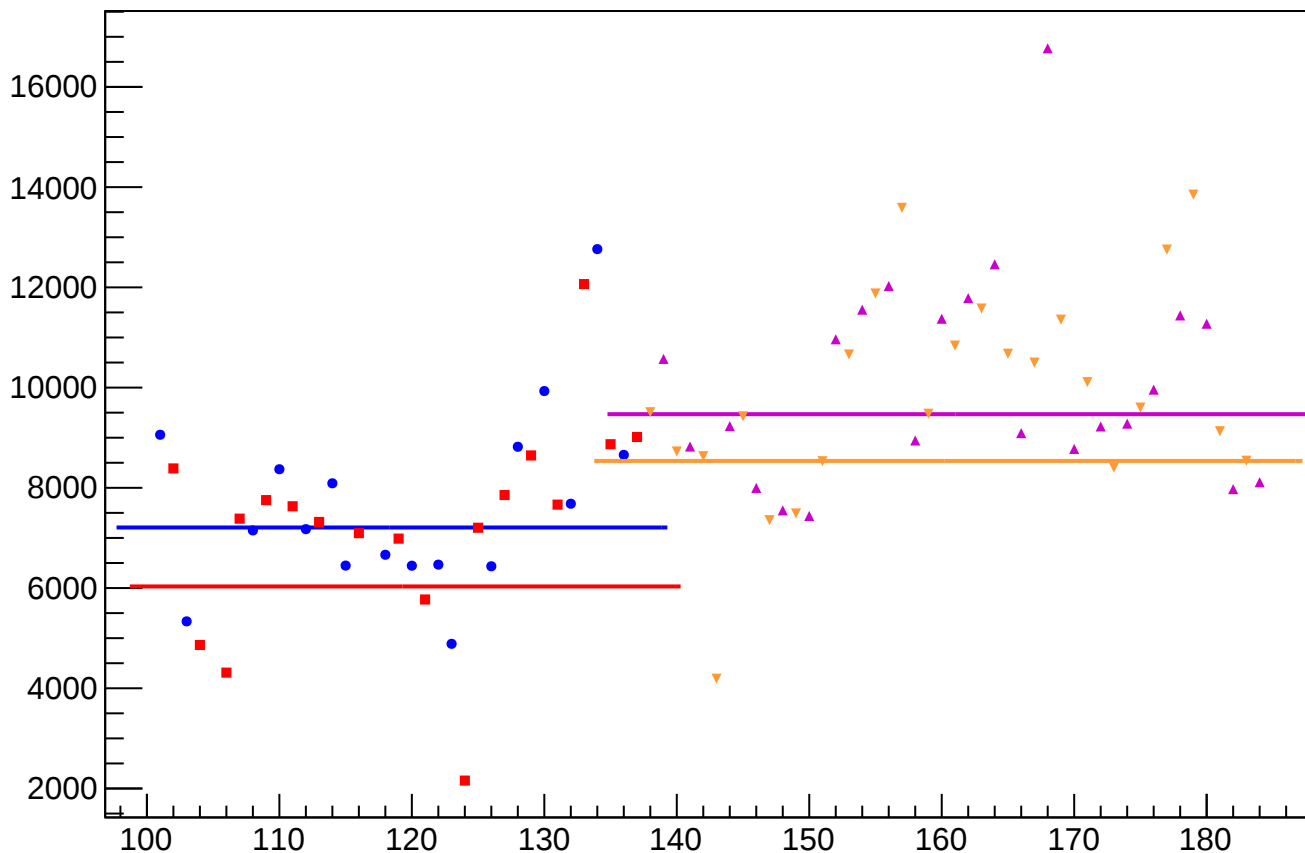
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -1141.753 $\pm$ 1787.698 χ^2 /NDF:29.7/39

Out: -503.625 $\pm$ 1592.482 χ^2 /NDF:45.6/41

All: -785.958 $\pm$ 1189.106 χ^2 /NDF: 75.3/81

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8536.653+/-1.486 χ^2/NDF : 3004249.0/23

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

Left In: 9469.781+/-1.626 χ^2/NDF : 1138084.7/22

Left: 8961.304+/-1.097 χ^2/NDF : 4321808.4/46

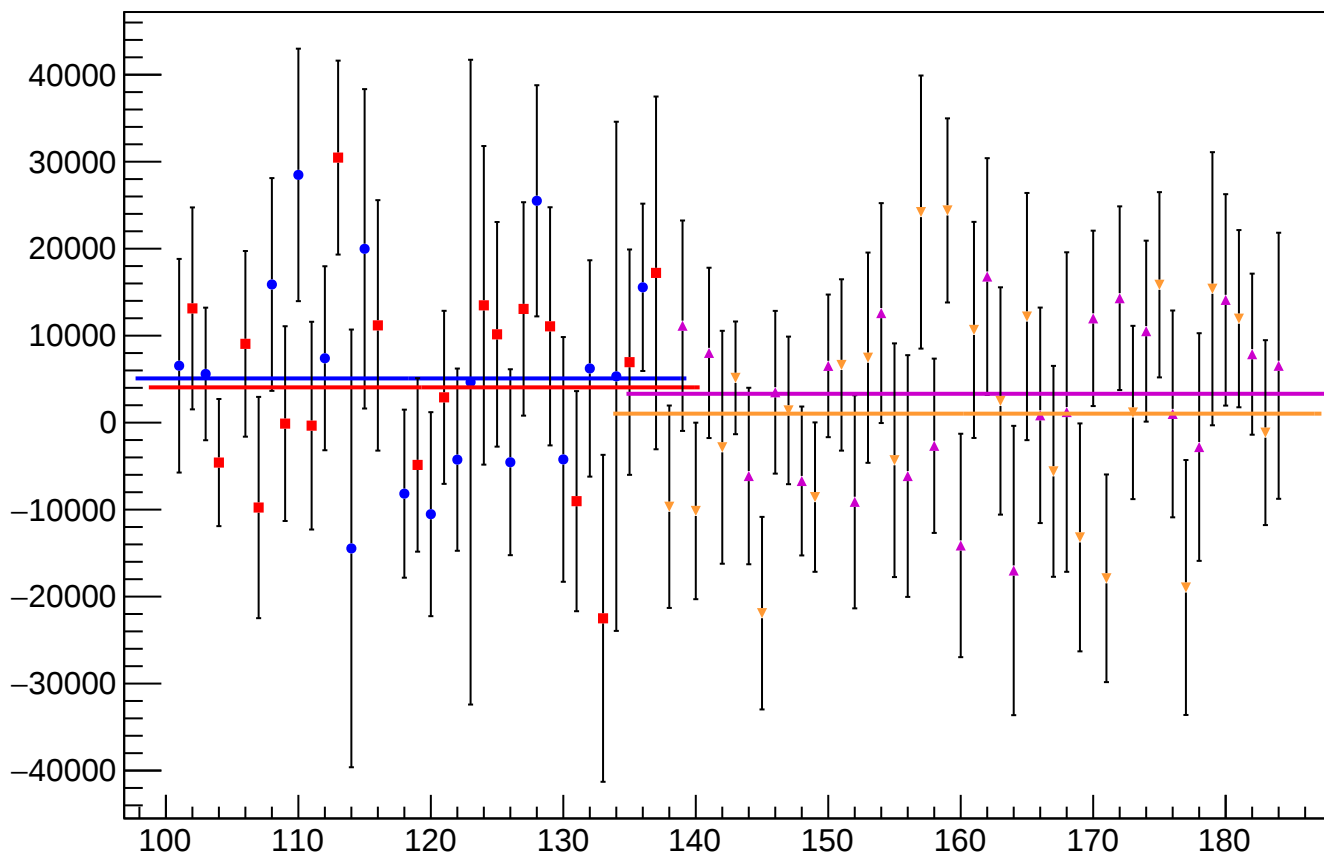
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8575.236+/-1.264 χ^2/NDF : 2397038.7/39

Out: 7470.541+/-1.126 χ^2/NDF : 6011151.5/41

All: 7959.301+/-0.841 χ^2/NDF : 8834003.1/81

asym_at2_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3316.960 $\pm$ 2336.196 χ^2 /NDF: 13.4/22

Left: 2122.445 $\pm$ 1613.654 χ^2 /NDF: 40.9/46

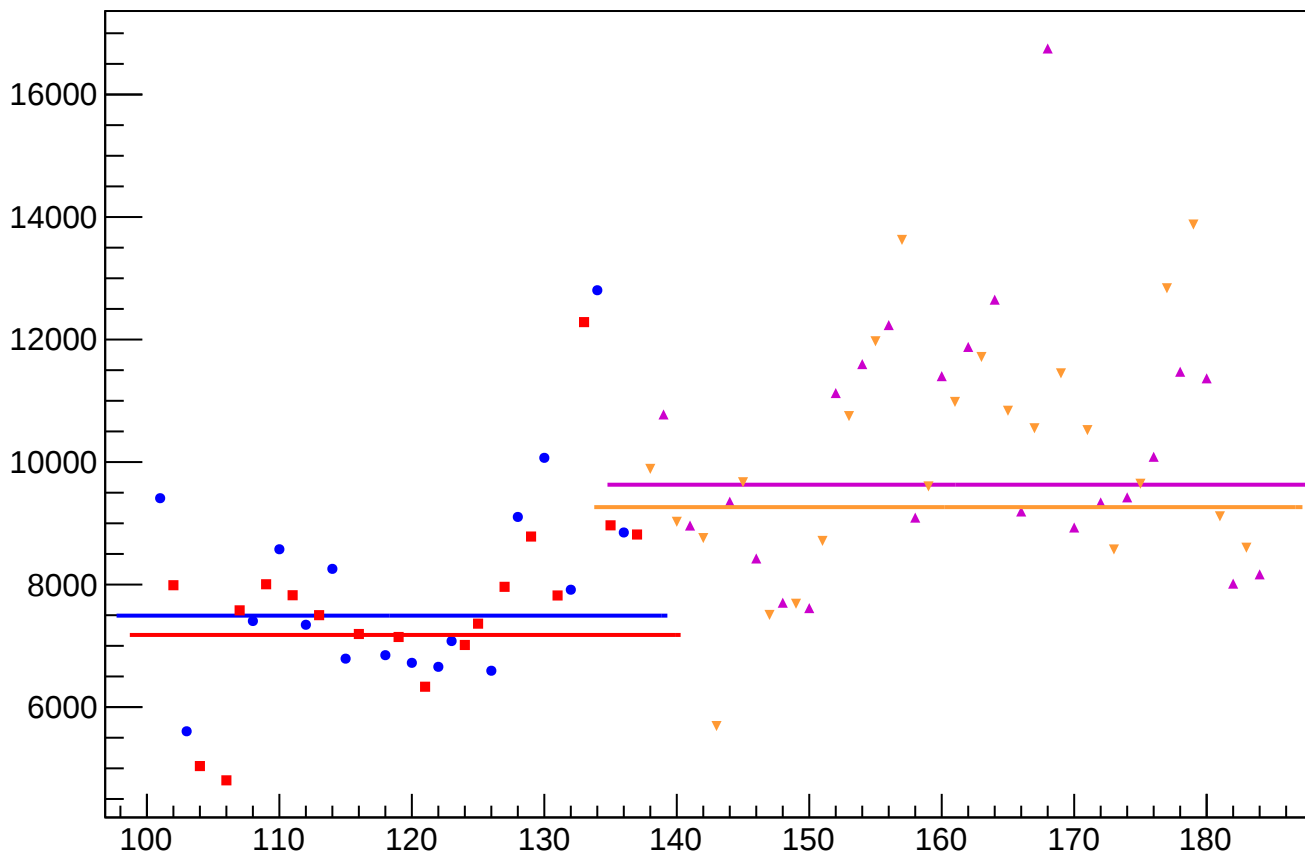
Right: 4542.385 $\pm$ 2032.595 χ^2 /NDF: 29.2/34

In: 3996.786 $\pm$ 1832.702 χ^2 /NDF: 27.6/39

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

All: 3057.995 $\pm$ 1263.811 χ^2 /NDF: 71.0/81

asym_at2_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 9630.345 $\pm$ 1.652 χ^2/NDF :1074643.5/22

Left: 9438.977 $\pm$ 1.141 χ^2/NDF : 2694258.9/46

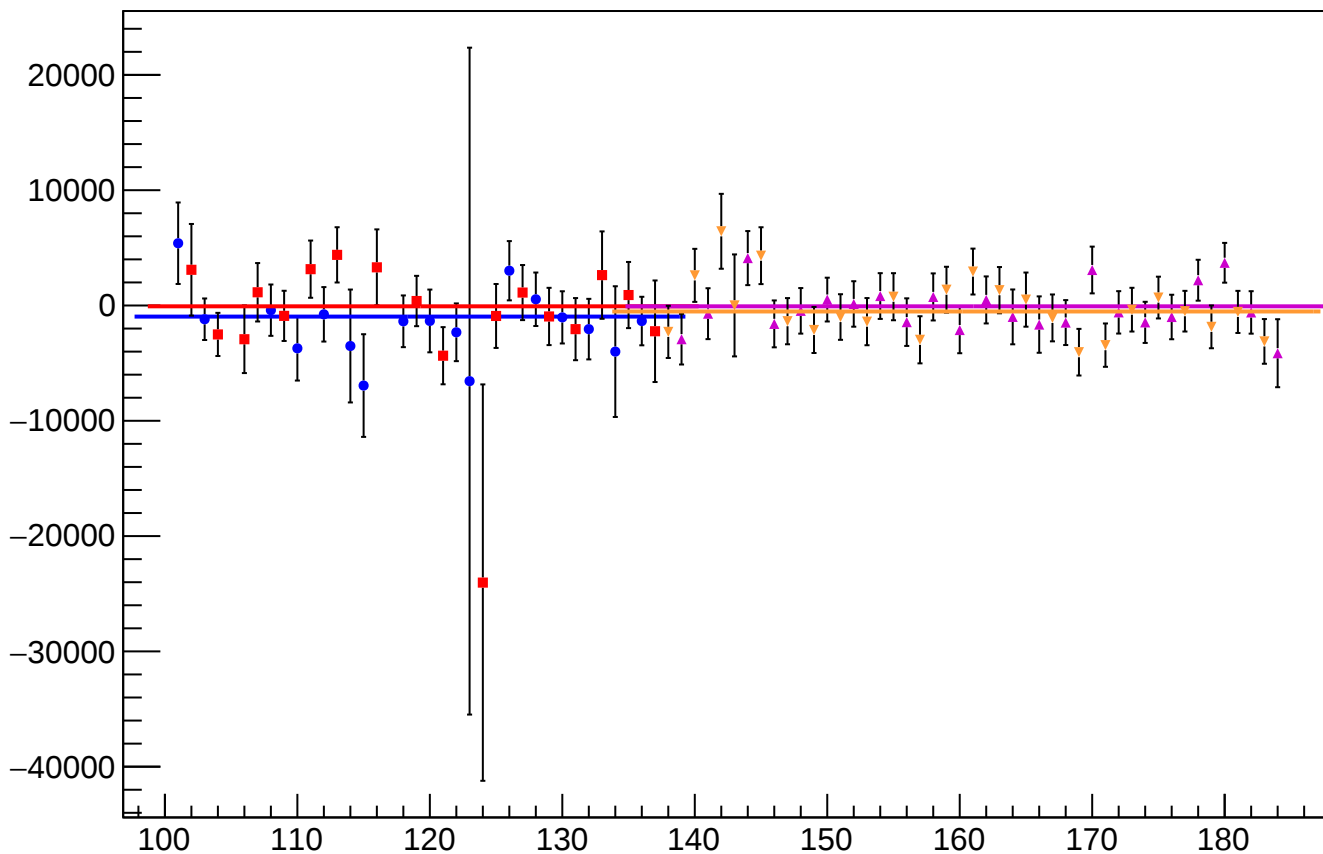
Right: 7326.859 $\pm$ 1.437 χ^2/NDF : 1004970.1/34

In: 8808.288 $\pm$ 1.296 χ^2/NDF :2155607.3/39

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

All: 8622.351 $\pm$ 0.894 χ^2/NDF : 5024030.8/83

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -71.111 $\pm$ 421.203 χ^2/NDF : 20.4/22

Left: -294.497 $\pm$ 297.874 χ^2/NDF : 48.1/46

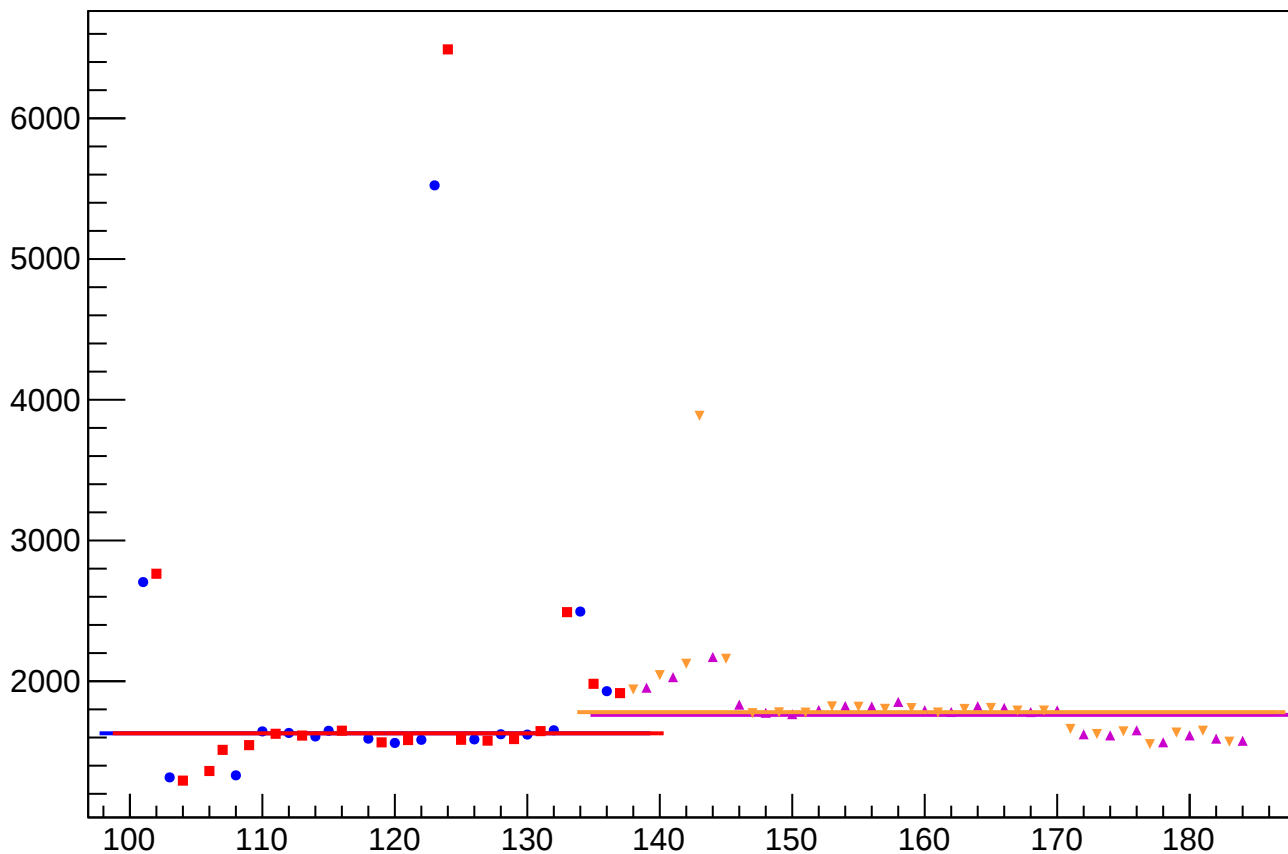
Right: -510.933 $\pm$ 451.616 χ^2/NDF : 27.8/34

In: -338.758 $\pm$ 352.342 χ^2/NDF : 31.8/39

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

All: -360.110 $\pm$ 248.657 χ^2/NDF : 76.0/81

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1780.161 $\pm$ 0.298 χ^2 /NDF: 674538.6/23

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

Left In: 1761.158 $\pm$ 0.298 χ^2 /NDF: 215162.1/22

Left: 1770.657 $\pm$ 0.211 χ^2 /NDF: 891735.7/46

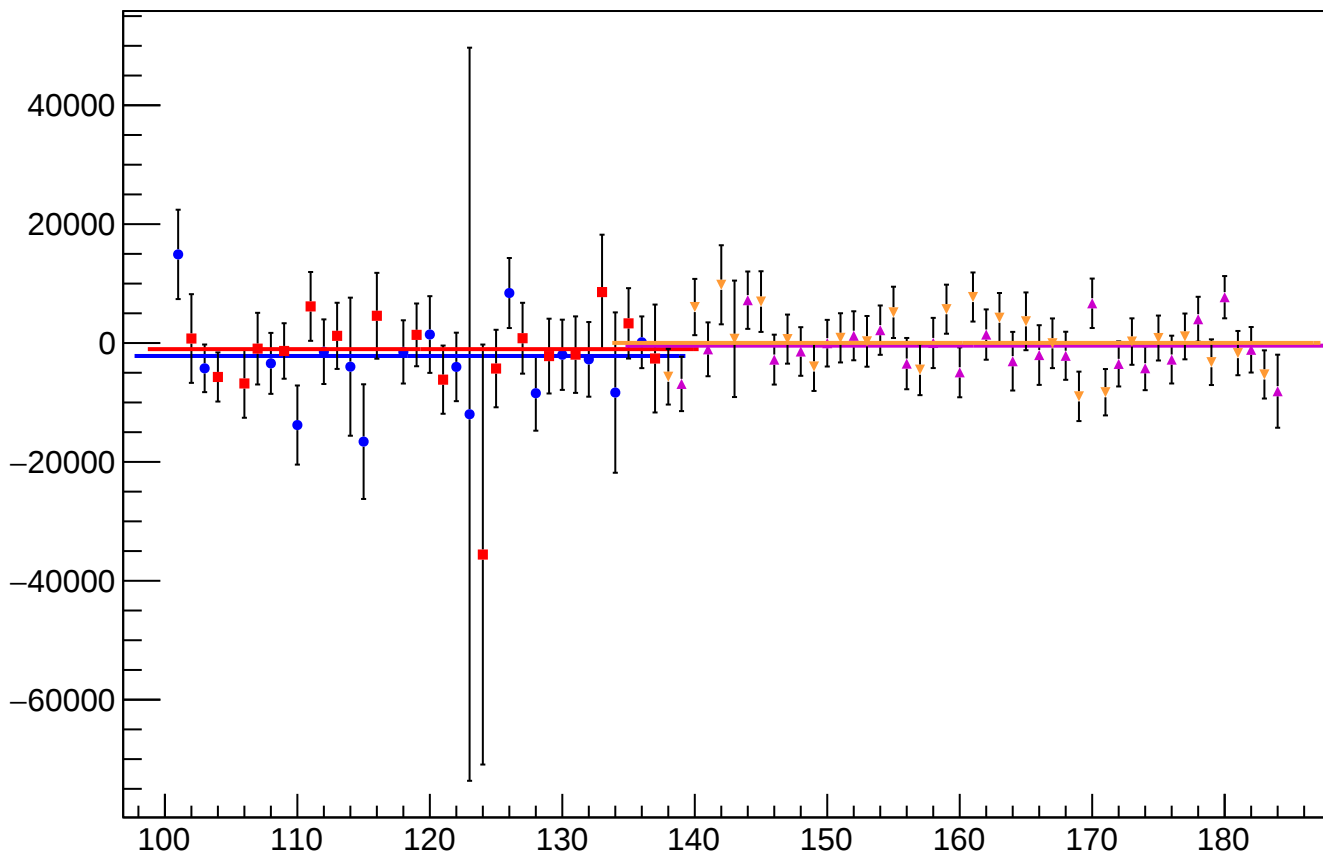
Right: 1629.948 $\pm$ 0.319 χ^2 /NDF: 965609.1/34

In: 1721.765 $\pm$ 0.249 χ^2 /NDF: 681580.3/39

Out: 1734.188 $\pm$ 0.248 χ^2 /NDF: 1309810.0/41

All: 1728.000 $\pm$ 0.176 χ^2 /NDF: 1992638.2/81

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -444.358 ± 874.185 χ^2/NDF : 21.1/22

Left: -213.011 ± 618.863 χ^2/NDF : 50.8/46

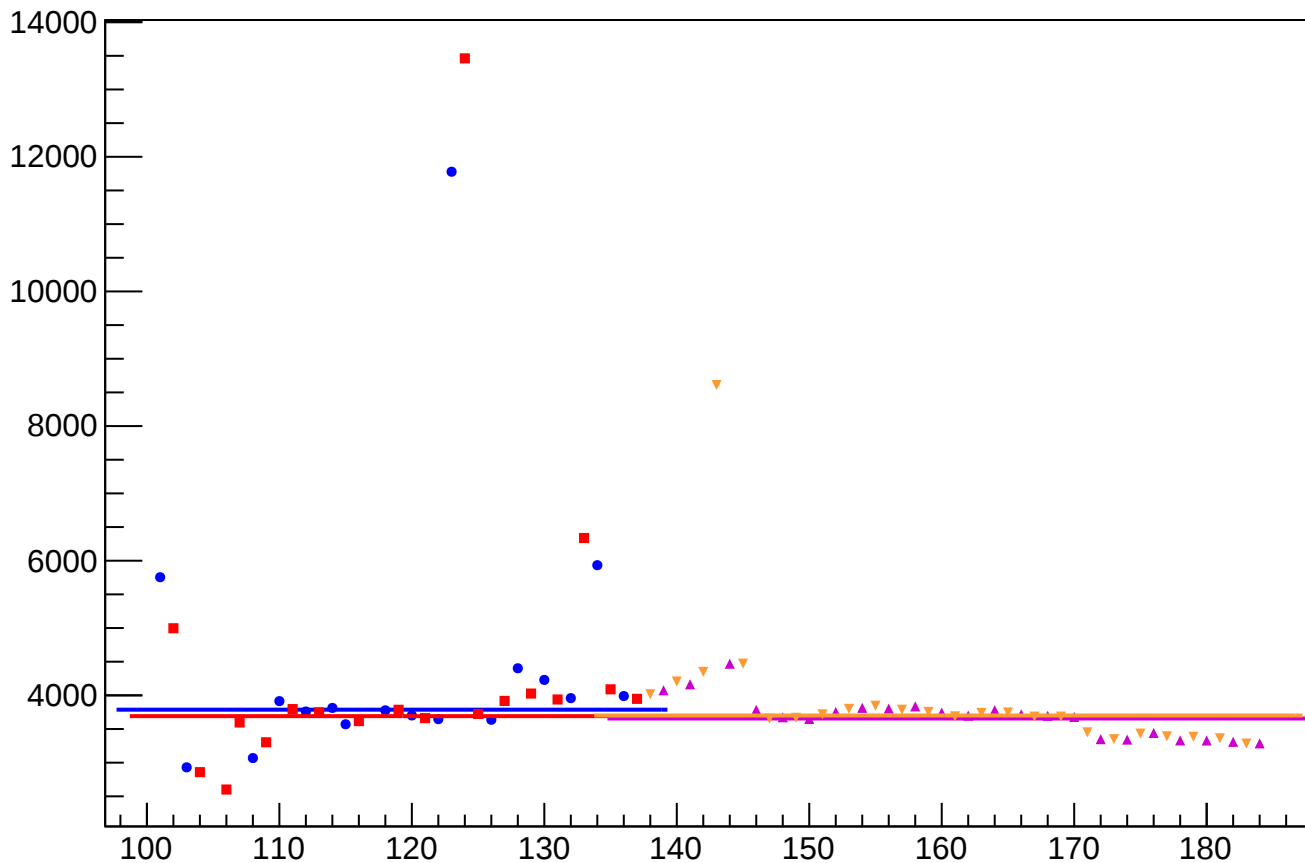
Right: -1583.224 ± 1037.341 χ^2/NDF : 24.9/34

In: -887.276 ± 754.386 χ^2/NDF : 38.1/39

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

All: -572.679 ± 531.469 χ^2/NDF : 76.9/81

asym_at2_dd_correction_rms vs Slug, Sign Corrected



Right In: 3787.301 $\pm$ 1.056 χ^2/NDF : 392650.8/16

Left Out: 3701.113 $\pm$ 0.620 χ^2/NDF : 702395.3/23

Right Out: 3691.246 $\pm$ 1.020 χ^2/NDF : 555157.1/17

Left In: 3656.034 $\pm$ 0.618 χ^2/NDF : 202126.4/22

Left: 3678.521 $\pm$ 0.438 χ^2/NDF : 907174.6/46

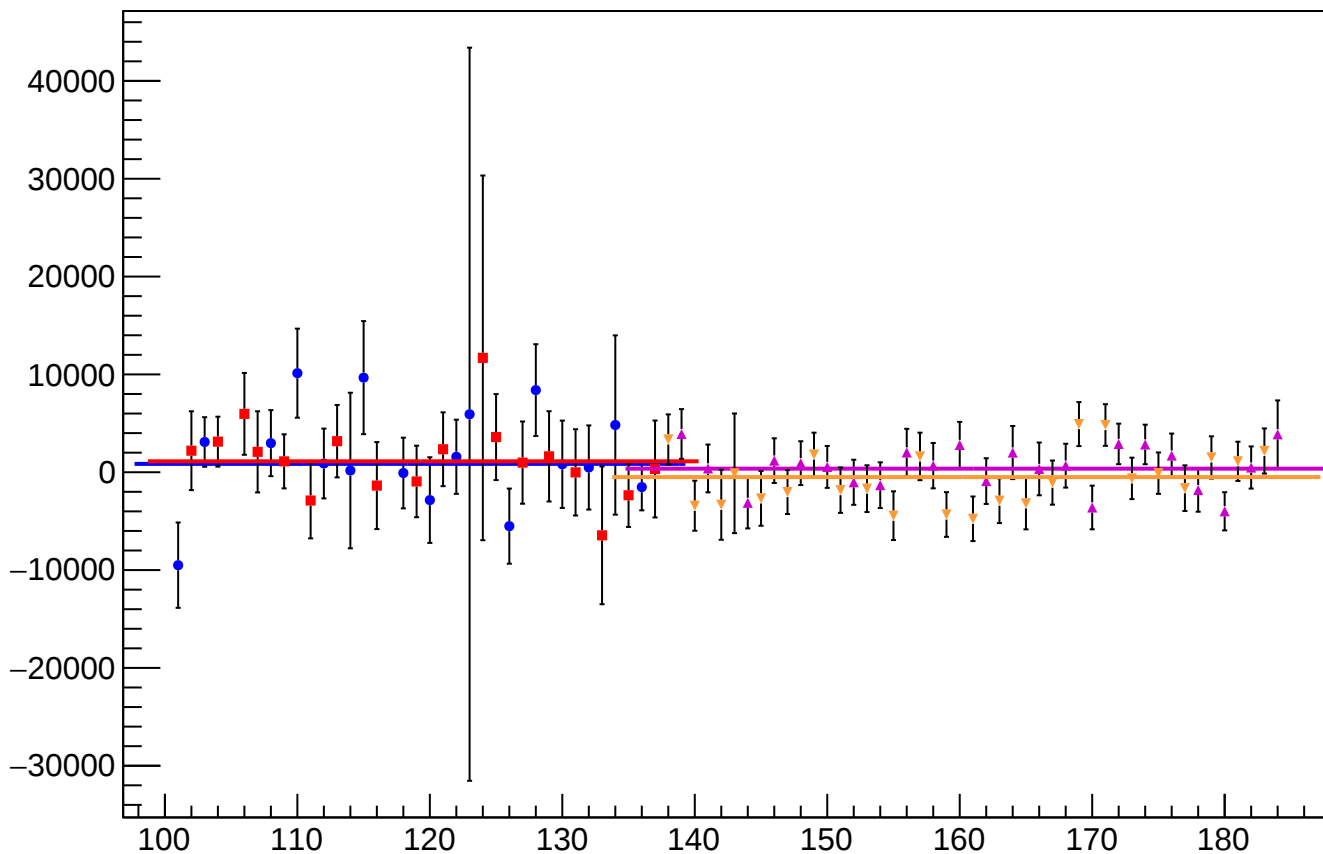
Right: 3737.614 $\pm$ 0.734 χ^2/NDF : 952090.1/34

In: 3689.547 $\pm$ 0.533 χ^2/NDF : 606290.3/39

Out: 3698.453 $\pm$ 0.530 χ^2/NDF : 1257620.7/41

All: 3694.033 $\pm$ 0.376 χ^2/NDF : 1864051.4/81

asym_at2_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: 366.243 ± 483.092 χ^2/NDF : 20.5/22

Left: -61.911 ± 342.434 χ^2/NDF : 56.0/46

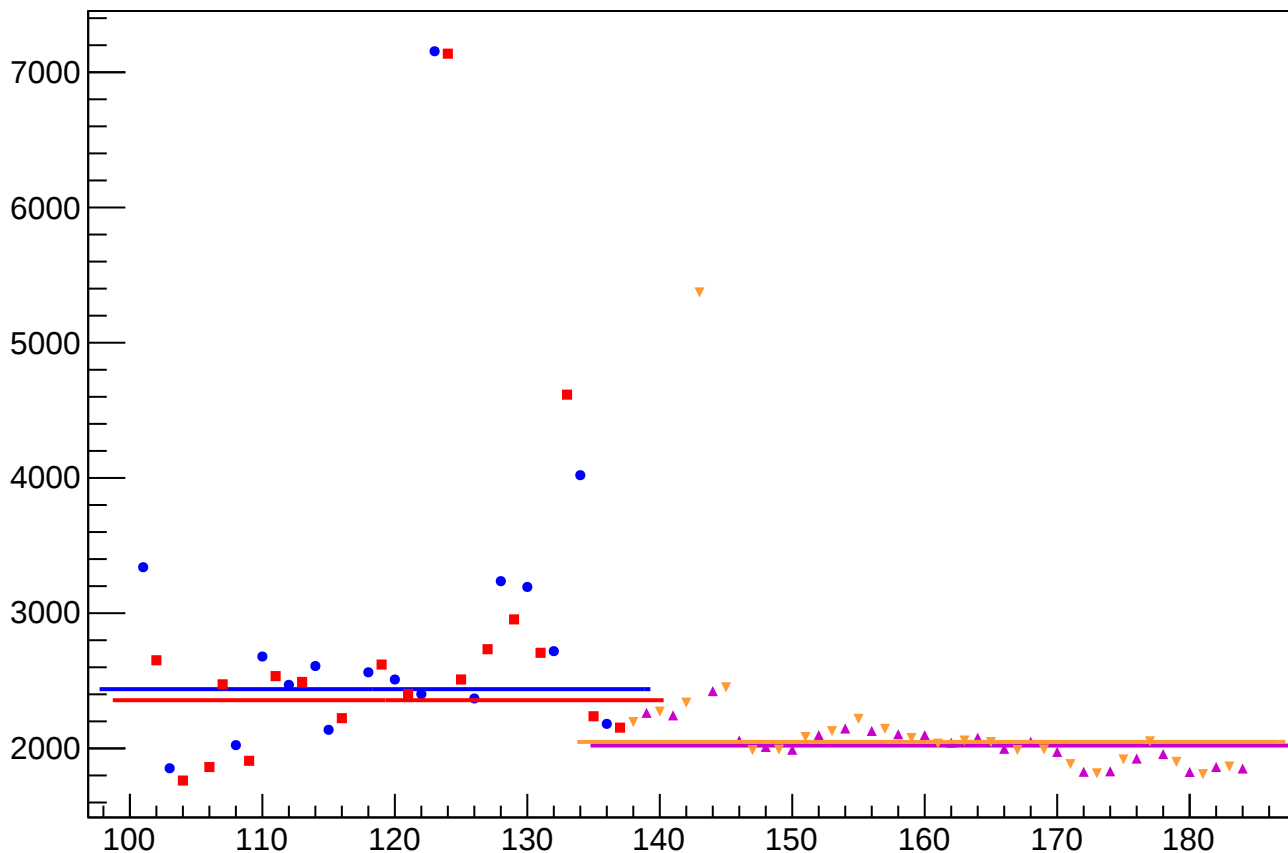
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 464.466 ± 431.962 χ^2/NDF : 41.4/39

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

All: 157.156 ± 304.776 χ^2/NDF : 85.9/81

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2048.273 $\pm$ 0.343 χ^2/NDF : 782256.5/23

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

Left In: 2021.065 $\pm$ 0.342 χ^2/NDF : 178726.2/22

Left: 2034.602 $\pm$ 0.242 χ^2/NDF : 964139.0/46

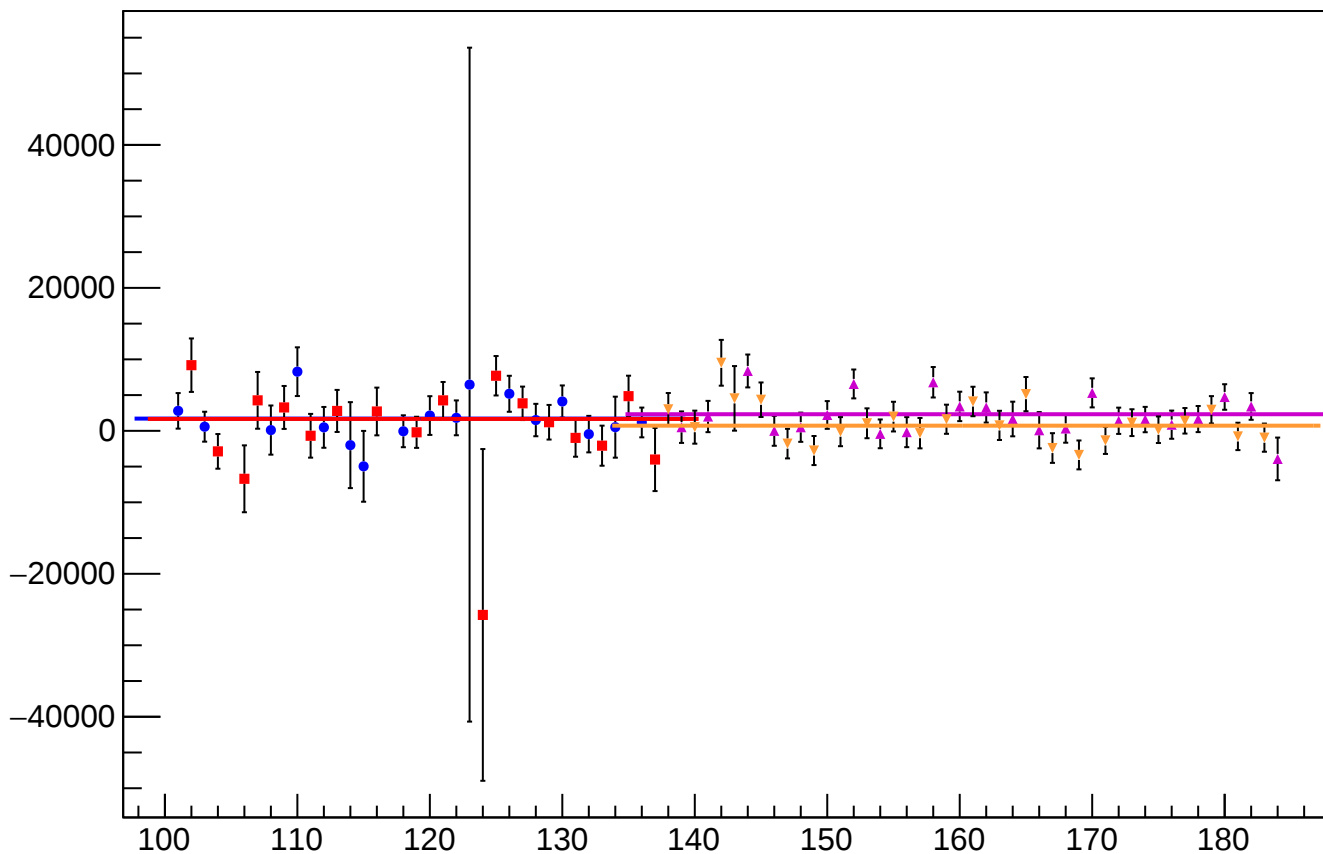
Right: 2395.716 $\pm$ 0.473 χ^2/NDF : 1113343.5/34

In: 2104.707 $\pm$ 0.305 χ^2/NDF : 954502.2/39

Out: 2114.570 $\pm$ 0.304 χ^2/NDF : 1584748.4/41

All: 2109.660 $\pm$ 0.216 χ^2/NDF : 2539774.3/81

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 723.600+/-428.989 χ^2/NDF : 33.6/23

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

Left In: 2323.976+/-428.861 χ^2/NDF : 33.9/22

Left: 1524.028+/-303.296 χ^2/NDF : 74.4/46

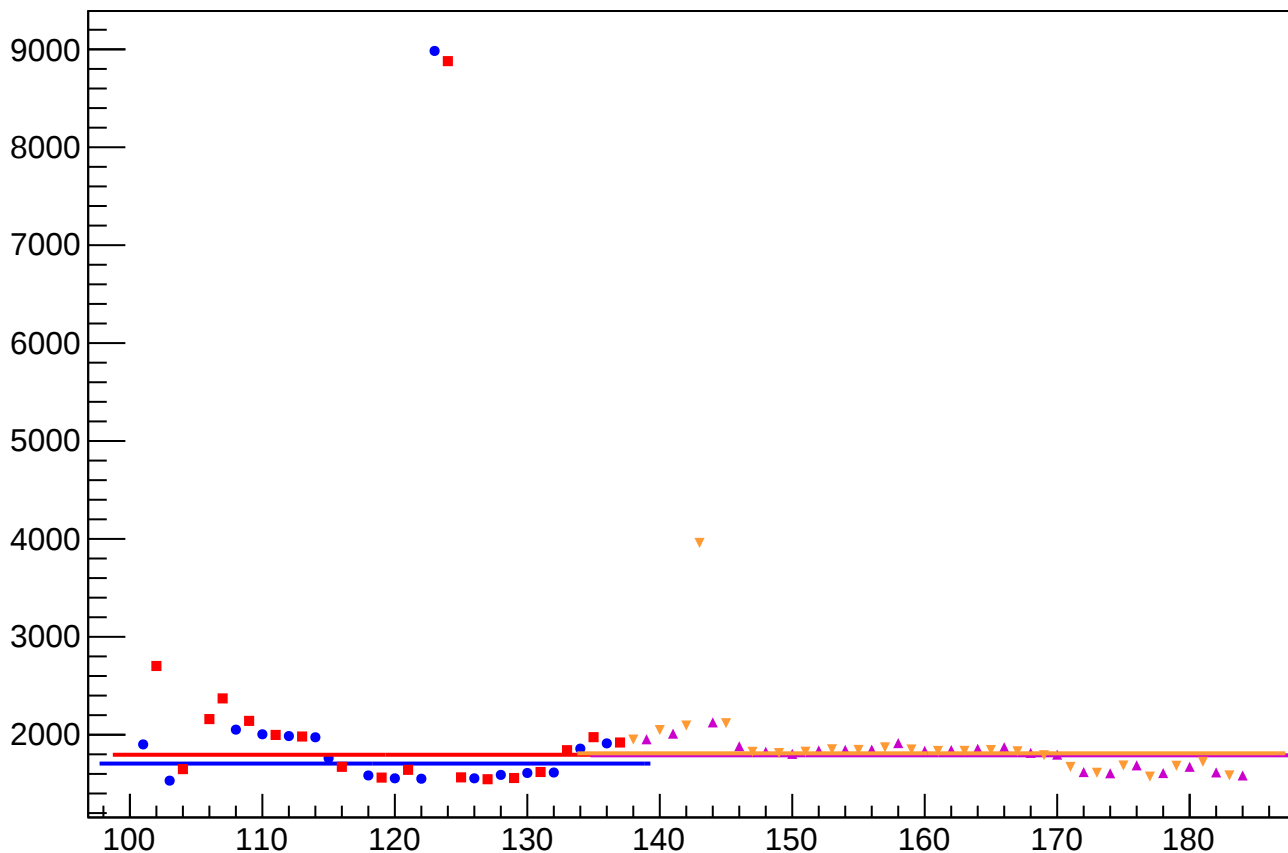
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2145.201+/-360.753 χ^2/NDF : 45.9/39

Out: 983.042+/-365.149 χ^2/NDF : 61.7/41

All: 1571.159+/-256.631 χ^2/NDF : 112.7/81

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1789.929 $\pm$ 0.303 χ^2/NDF : 195626.5/22

Left: 1800.155 $\pm$ 0.214 χ^2/NDF : 849278.9/46

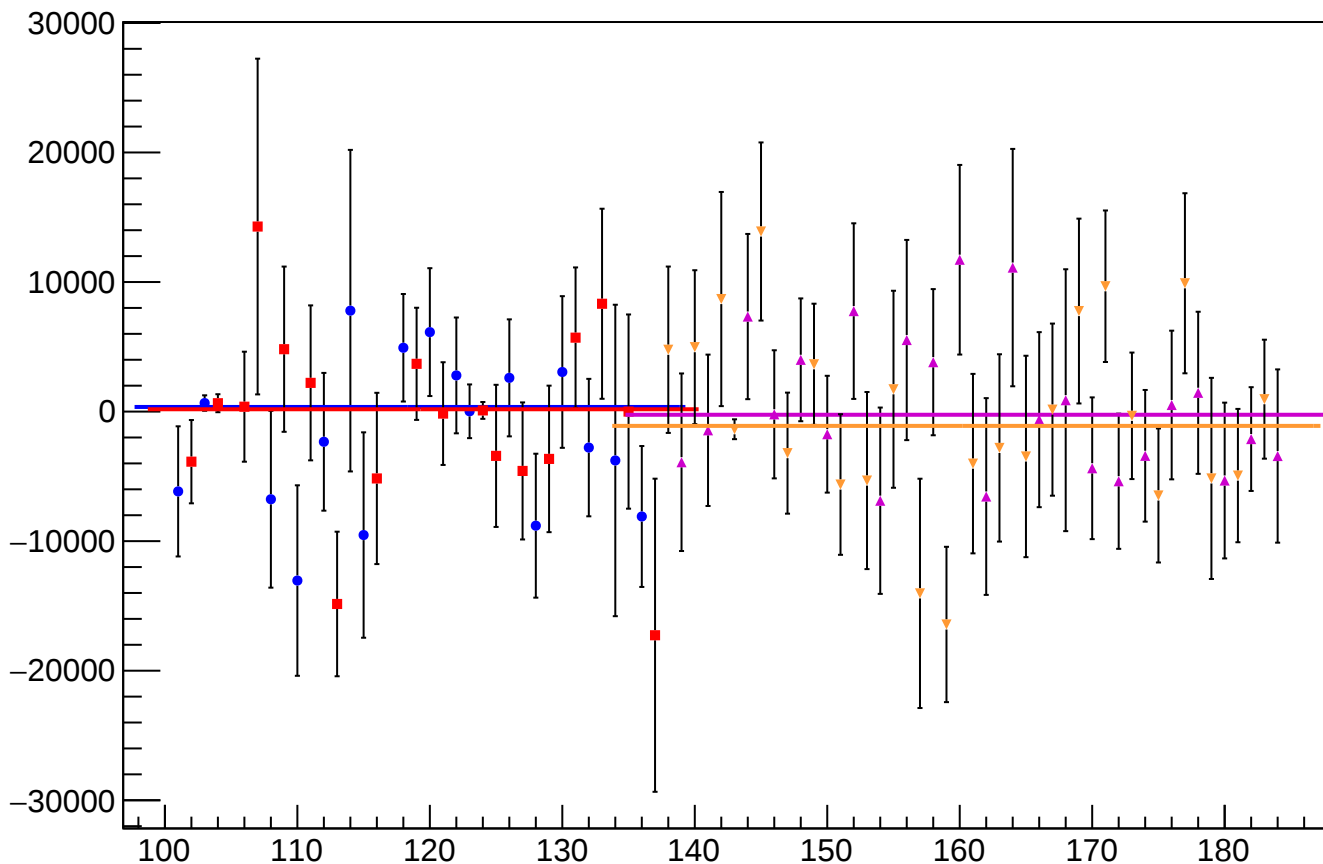
Right: 1748.814 $\pm$ 0.340 χ^2/NDF : 730436.4/34

In: 1765.278 $\pm$ 0.255 χ^2/NDF : 412399.2/39

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

All: 1785.550 $\pm$ 0.181 χ^2/NDF : 1596018.3/81

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -245.230 $\pm$ 1234.737 χ^2 /NDF:14.1/22

Left: -914.932 $\pm$ 579.009 χ^2 /NDF: 43.7/46

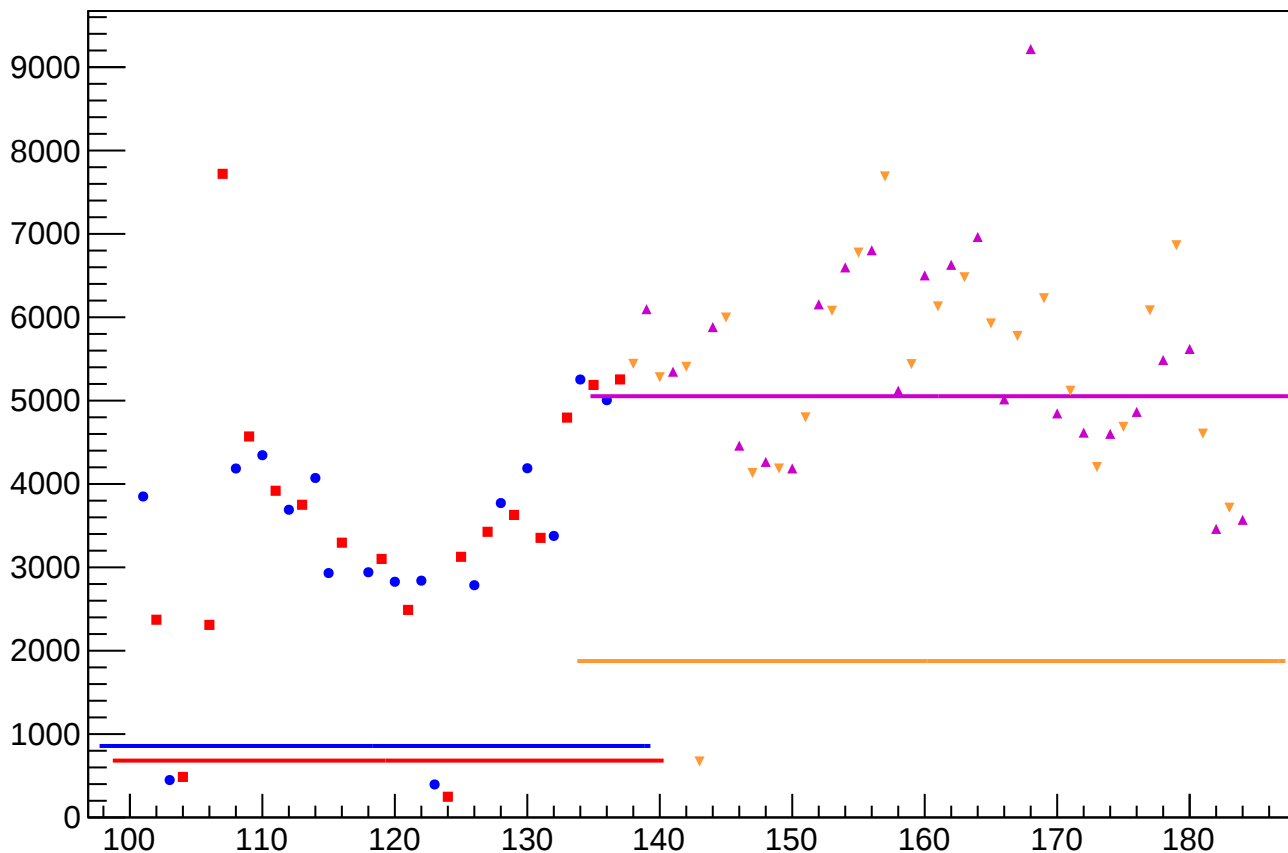
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 262.365 $\pm$ 489.515 χ^2 /NDF:31.8/39

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

All: -50.113 $\pm$ 294.820 χ^2 /NDF: 82.8/81

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 5053.000 $\pm$ 0.873 χ^2 /NDF:1559012.3/22

Left: 2574.854 $\pm$ 0.409 χ^2 /NDF: 31523913.5/46

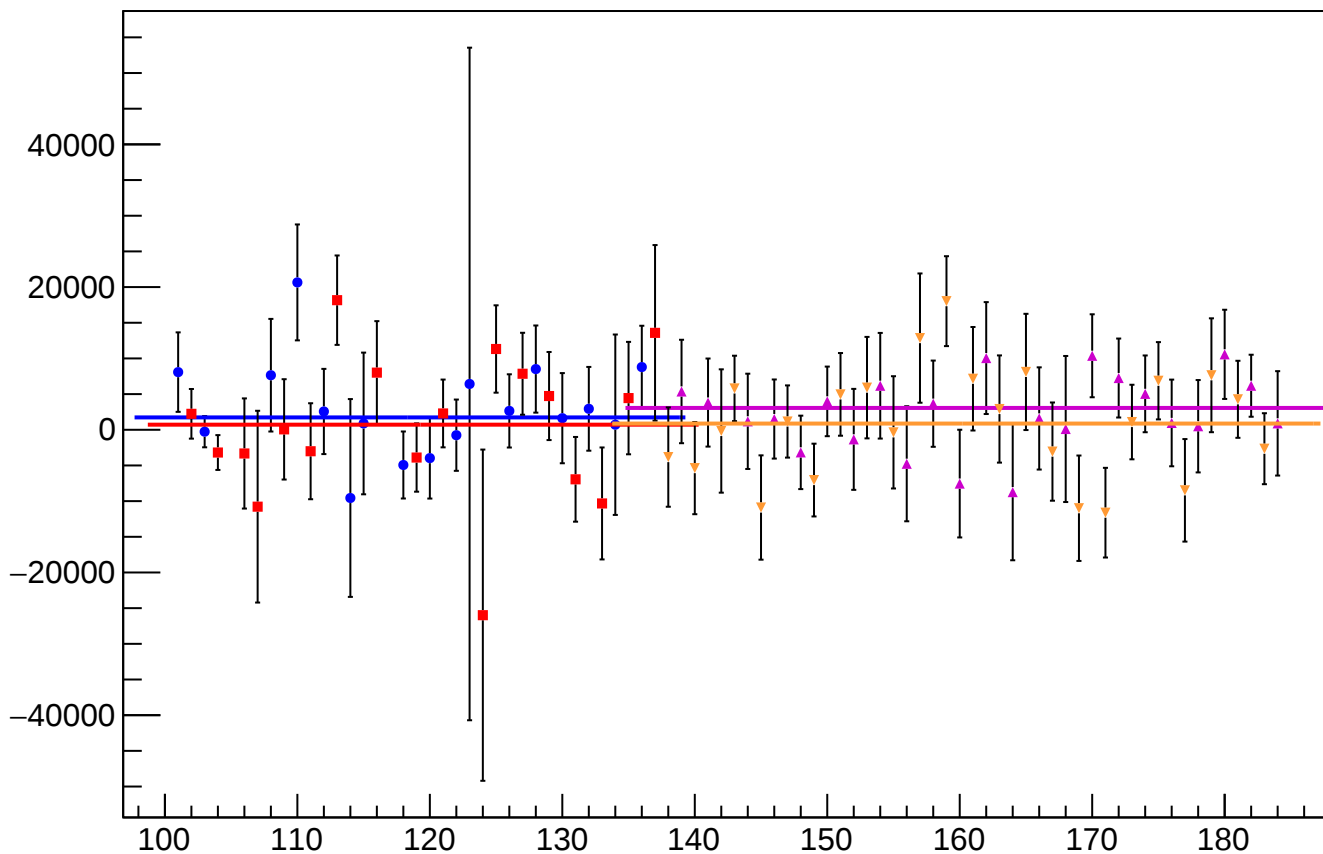
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1516.904 $\pm$ 0.346 χ^2 /NDF:29196475.3/39

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

All: 1226.444 $\pm$ 0.208 χ^2 /NDF: 63848126.9/80

asym_atl_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3061.439+/-1313.197 χ^2/NDF :12.3/22

Left: 1945.476+/-919.838 χ^2/NDF : 44.5/46

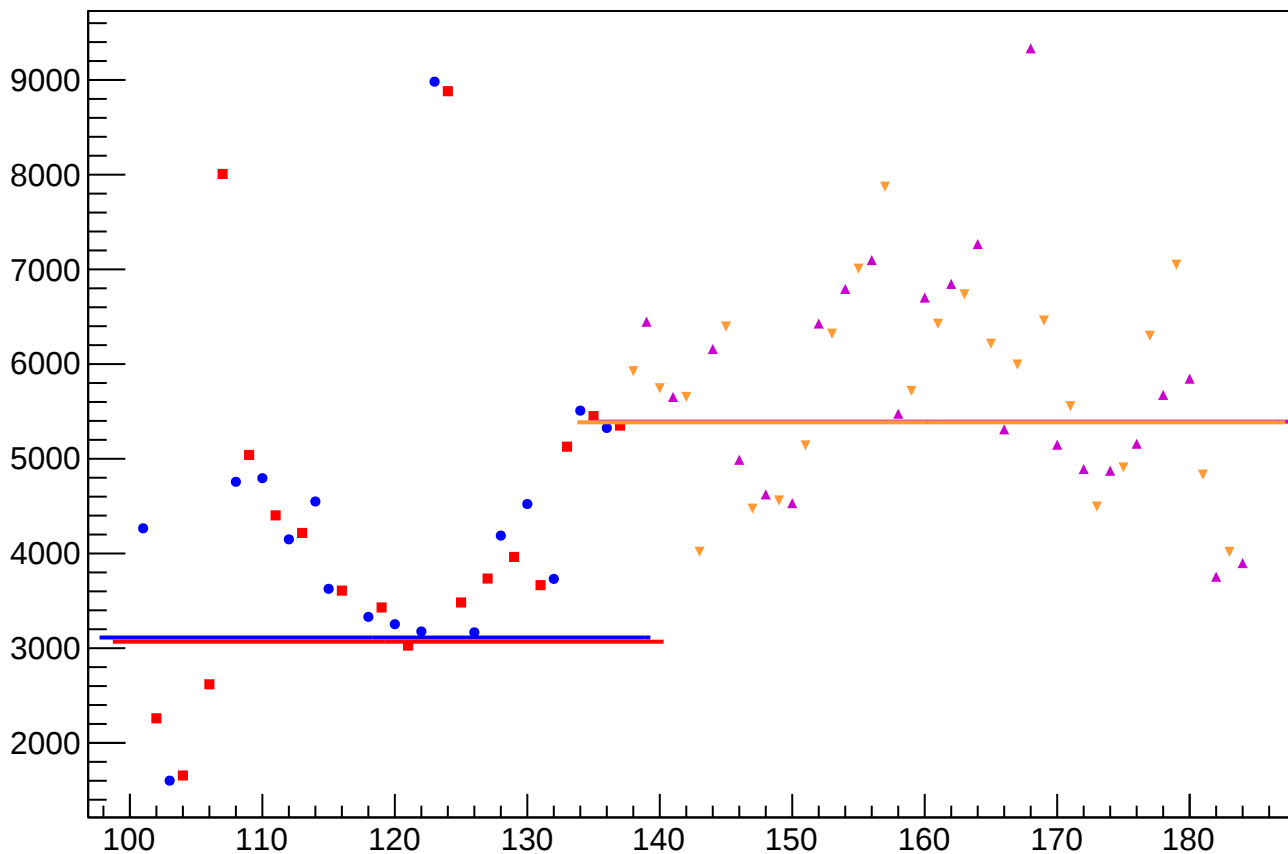
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 2392.997+/-925.518 χ^2/NDF :27.7/39

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

All: 1581.296+/-649.609 χ^2/NDF : 85.2/81

asym_atl_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5391.987 $\pm$ 0.929 χ^2 /NDF: 1320415.5/22

Left: 5388.440 $\pm$ 0.650 χ^2 /NDF: 2505035.1/46

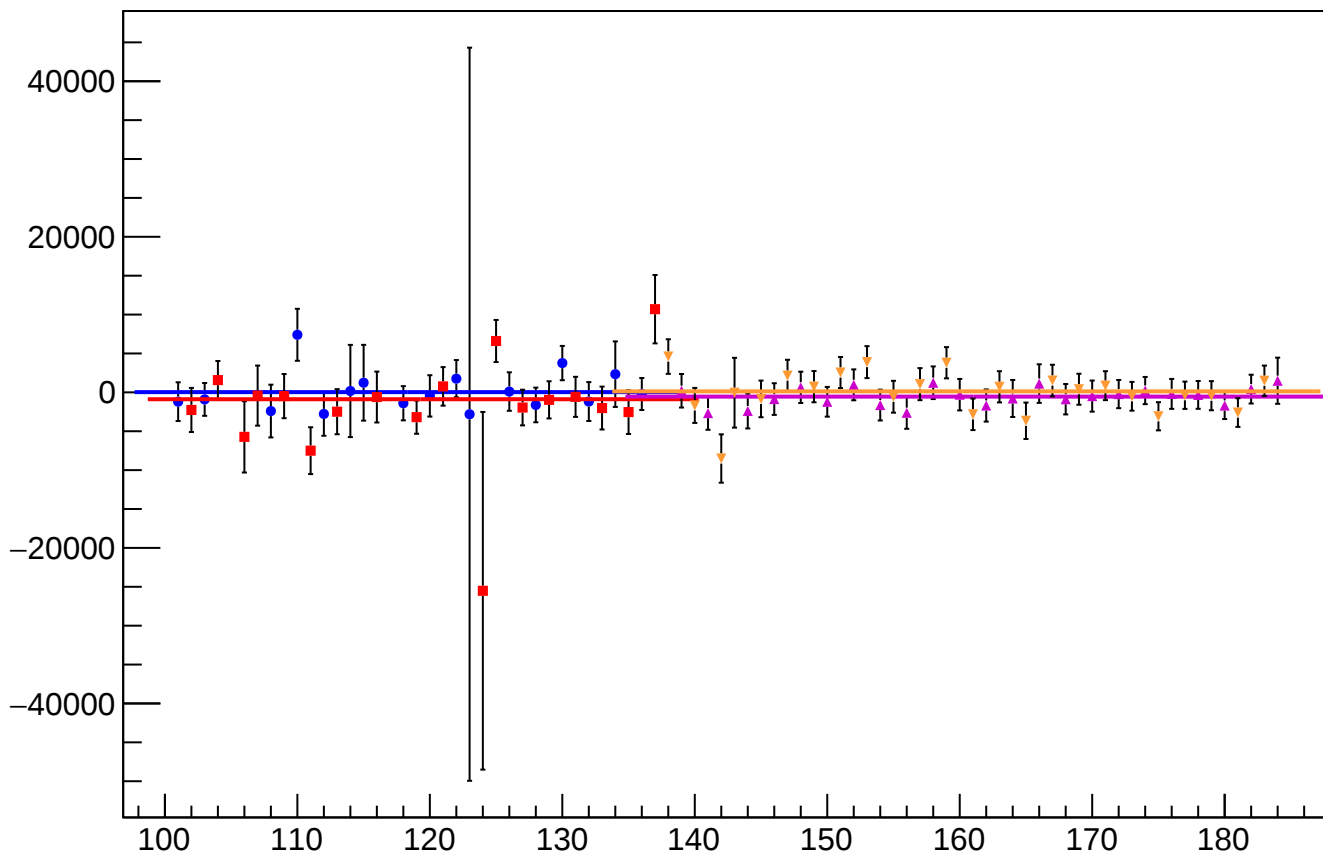
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 4244.851 $\pm$ 0.654 χ^2 /NDF: 6237329.0/39

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

All: 4227.804 $\pm$ 0.458 χ^2 /NDF: 12697826.5/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 126.129 $\pm$ 420.591 χ^2/NDF :33.7/23

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

Left In: -549.051 $\pm$ 420.967 χ^2/NDF :7.2/22

Left: -211.159 $\pm$ 297.536 χ^2/NDF : 42.2/46

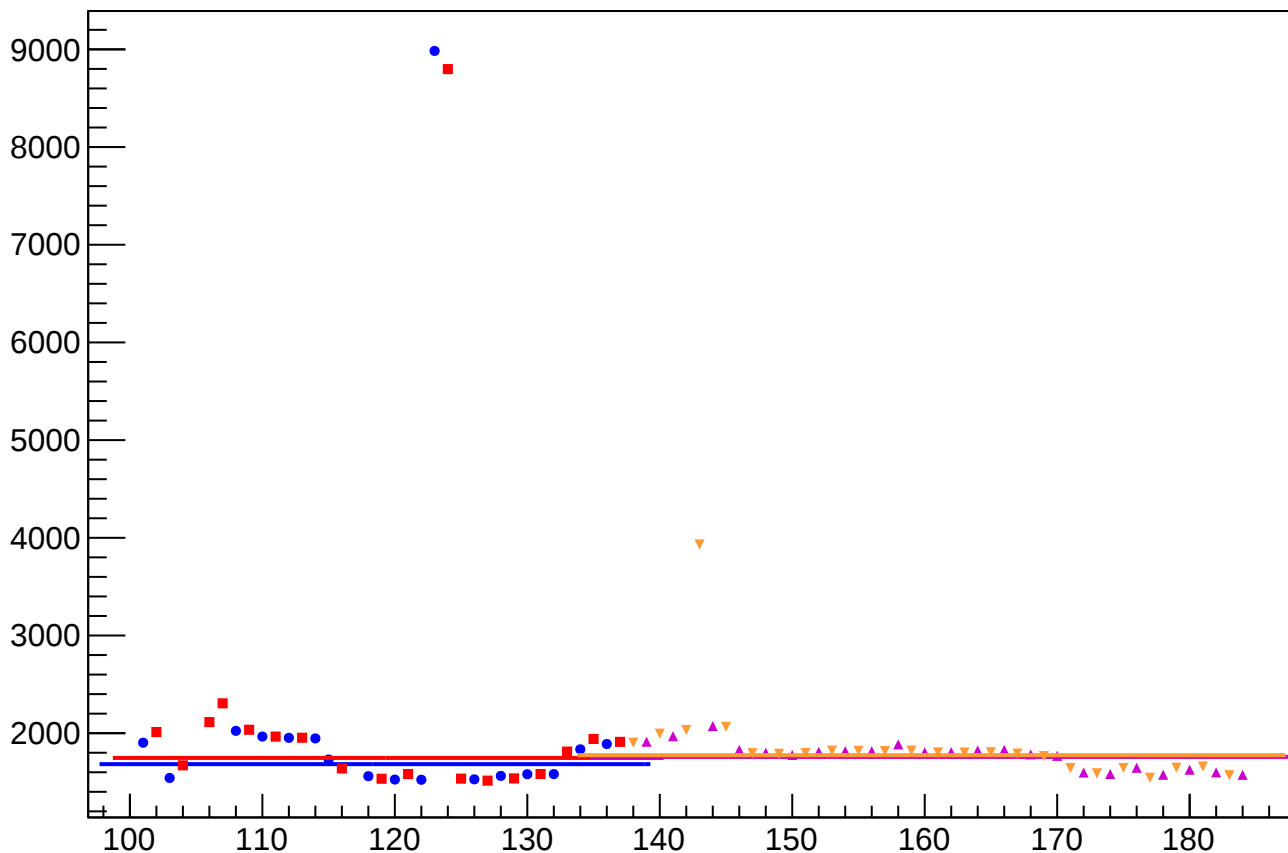
Right: -415.699 $\pm$ 471.191 χ^2/NDF : 38.4/34

In: -381.285 $\pm$ 354.669 χ^2/NDF :19.5/39

Out: -156.232 $\pm$ 356.910 χ^2/NDF :60.9/41

All: -269.467 $\pm$ 251.577 χ^2/NDF : 80.7/81

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1757.303+/-0.298 χ^2/NDF : 188004.2/22

Left: 1766.187+/-0.210 χ^2/NDF : 842411.7/46

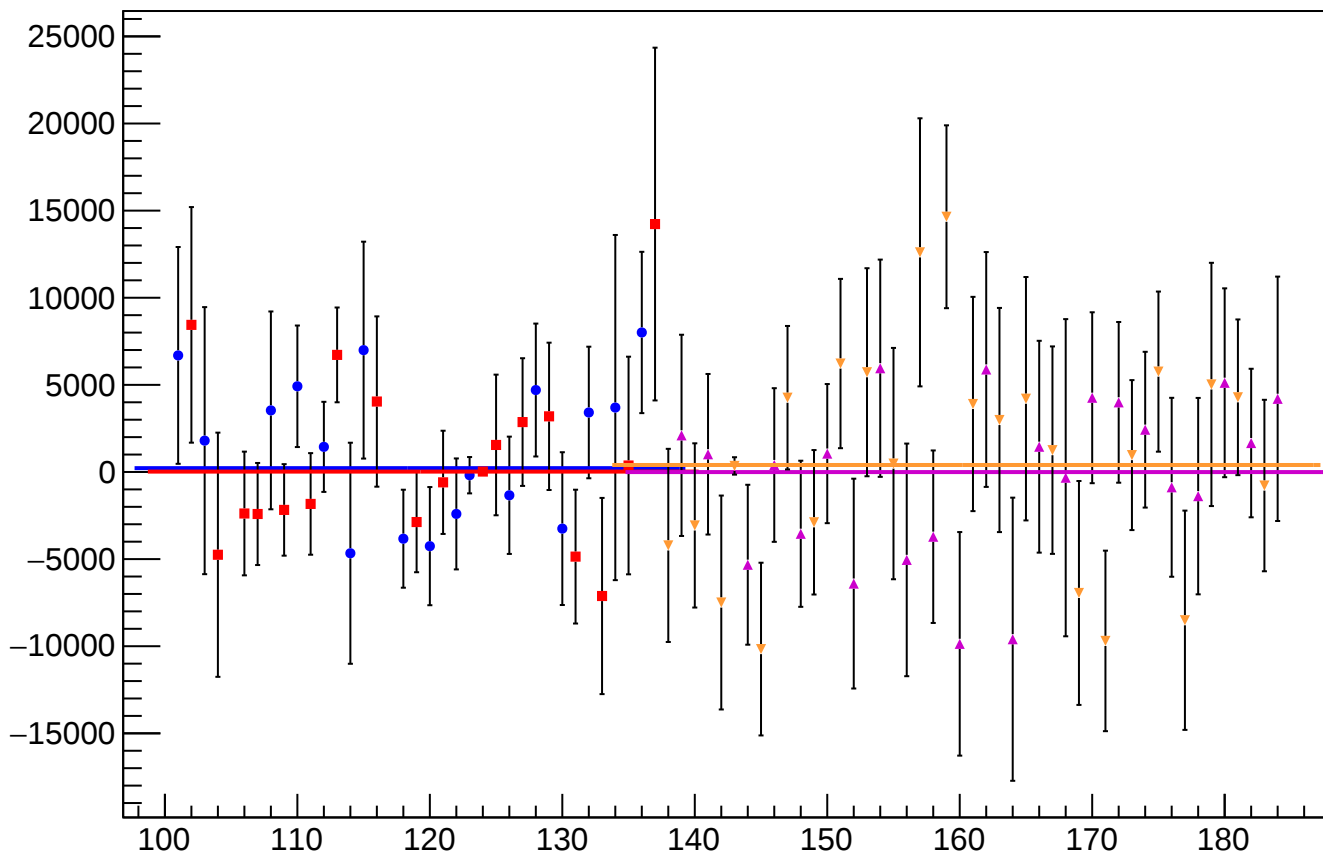
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1735.778+/-0.251 χ^2/NDF : 401881.6/39

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

All: 1751.361+/-0.178 χ^2/NDF : 1471533.0/81

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 401.250 $\pm$ 455.529 χ^2 /NDF:31.6/23

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

Left In: -5.520 $\pm$ 1097.521 χ^2 /NDF:13.4/22

Left: 341.474 $\pm$ 420.729 χ^2 /NDF: 45.1/46

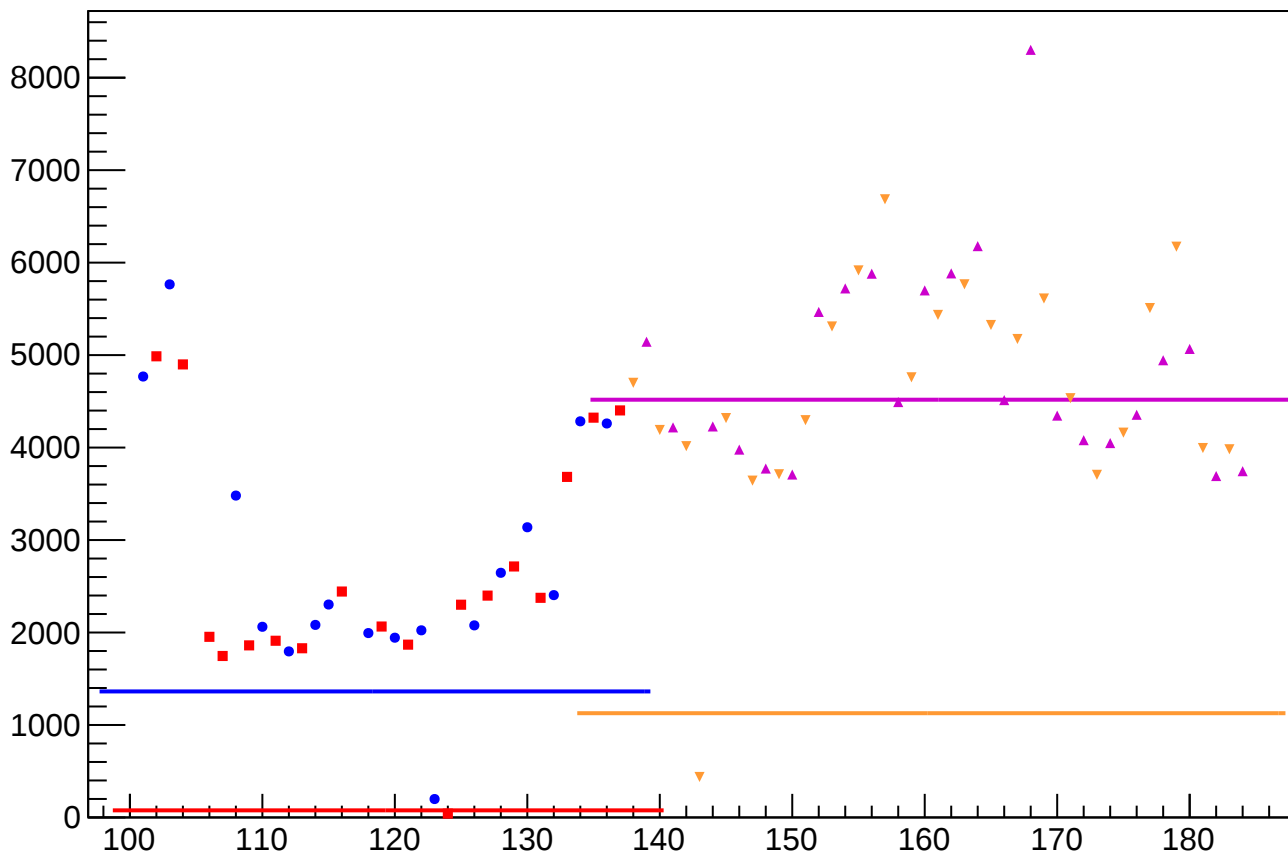
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: 151.891 $\pm$ 602.552 χ^2 /NDF:29.2/39

Out: 44.350 $\pm$ 110.713 χ^2 /NDF:50.8/41

All: 47.862 $\pm$ 108.890 χ^2 /NDF: 80.1/81

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4517.593 $\pm$ 0.776 χ^2 /NDF: 1177704.0/22

Left: 1625.611 $\pm$ 0.298 χ^2 /NDF: 41224086.2/46

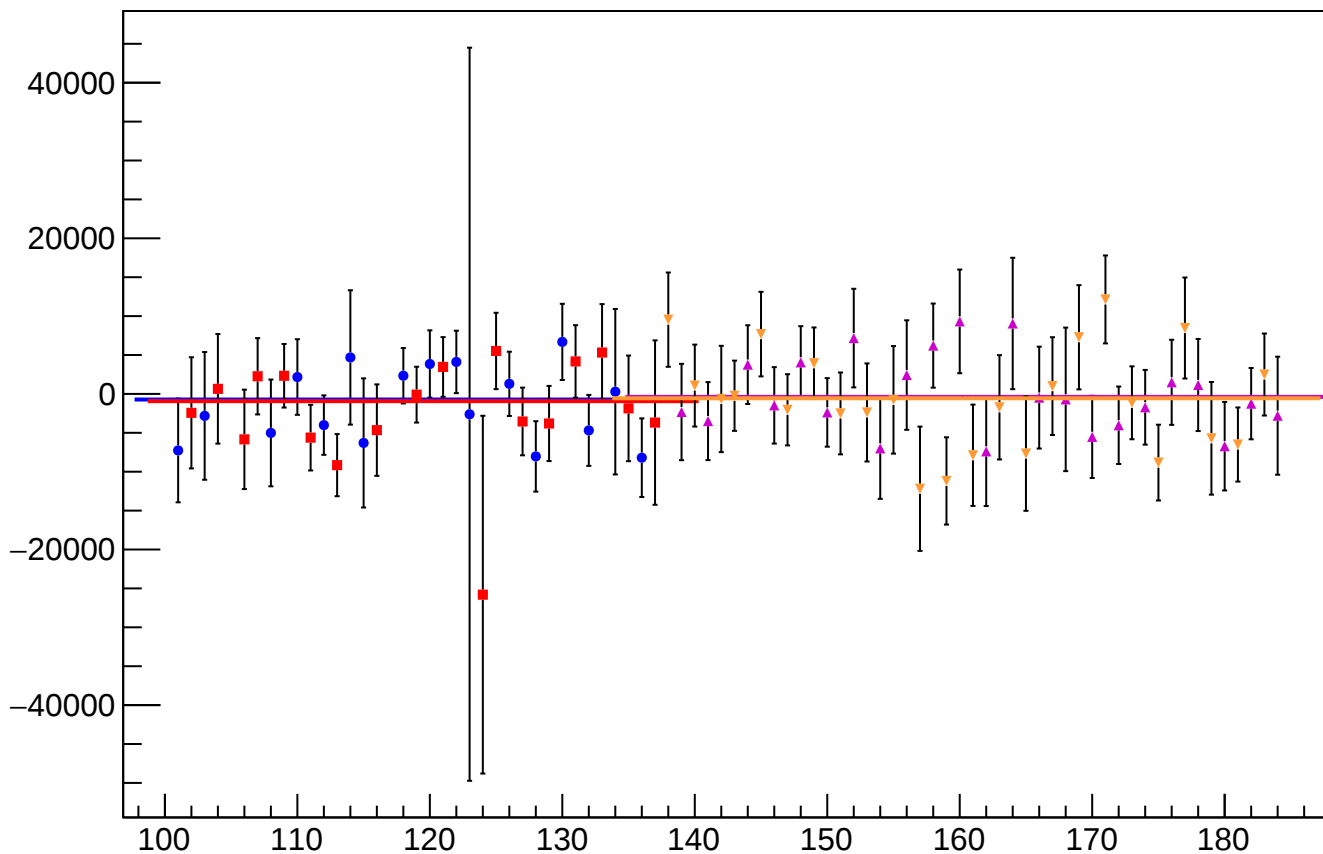
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 2313.727 $\pm$ 0.426 χ^2 /NDF: 18957502.4/39

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

All: 209.915 $\pm$ 0.077 χ^2 /NDF: 91053354.5/83

asym_atl_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -385.098+/-1181.458 χ^2/NDF : 13.9/22

Left: -474.474+/-826.860 χ^2/NDF : 42.0/46

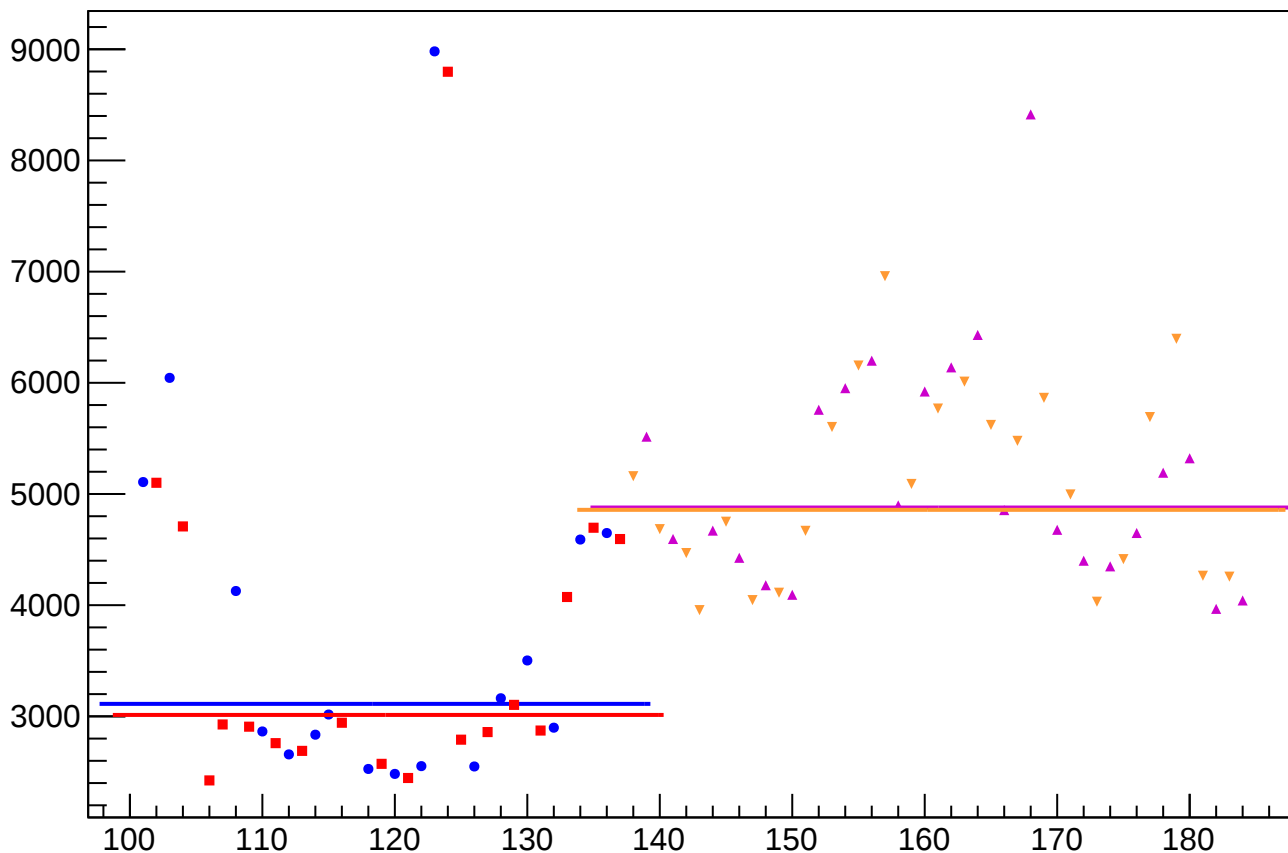
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -543.478+/-859.441 χ^2/NDF : 28.7/39

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

All: -645.104+/-597.511 χ^2/NDF : 71.8/81

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4857.432+/-0.819 χ^2/NDF : 897745.9/23

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

Left In: 4878.261+/-0.835 χ^2/NDF : 965222.2/22

Left: 4867.634+/-0.585 χ^2/NDF : 1863285.3/46

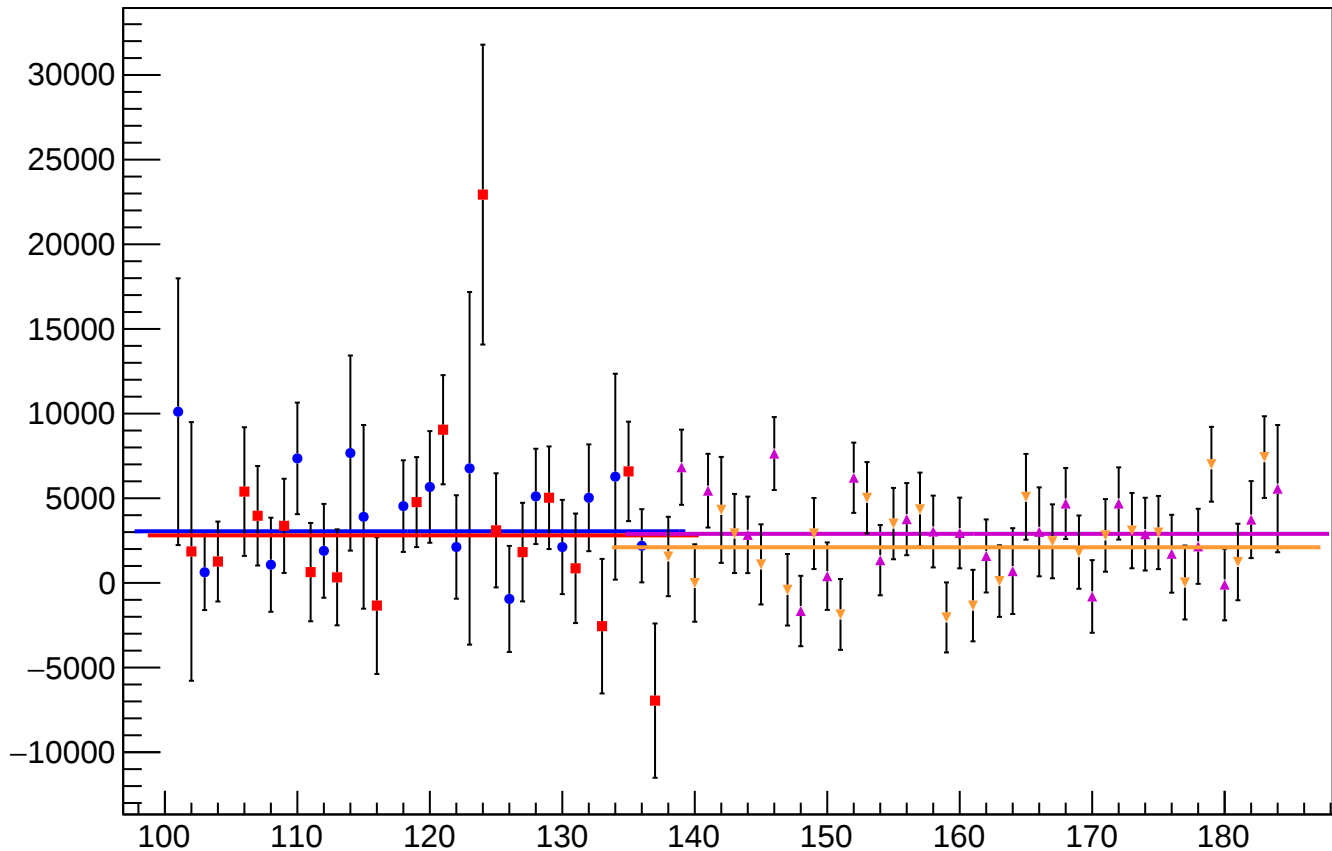
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 4046.758+/-0.608 χ^2/NDF : 4027764.6/39

Out: 3952.366+/-0.584 χ^2/NDF : 4163714.4/41

All: 3997.701+/-0.421 χ^2/NDF : 8204017.4/81

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2103.899 $\pm$ 453.871 χ^2/NDF :30.6/23

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

Left In: 2897.812 $\pm$ 460.232 χ^2/NDF :27.6/22

Left: 2495.331 $\pm$ 323.161 χ^2/NDF : 59.7/46

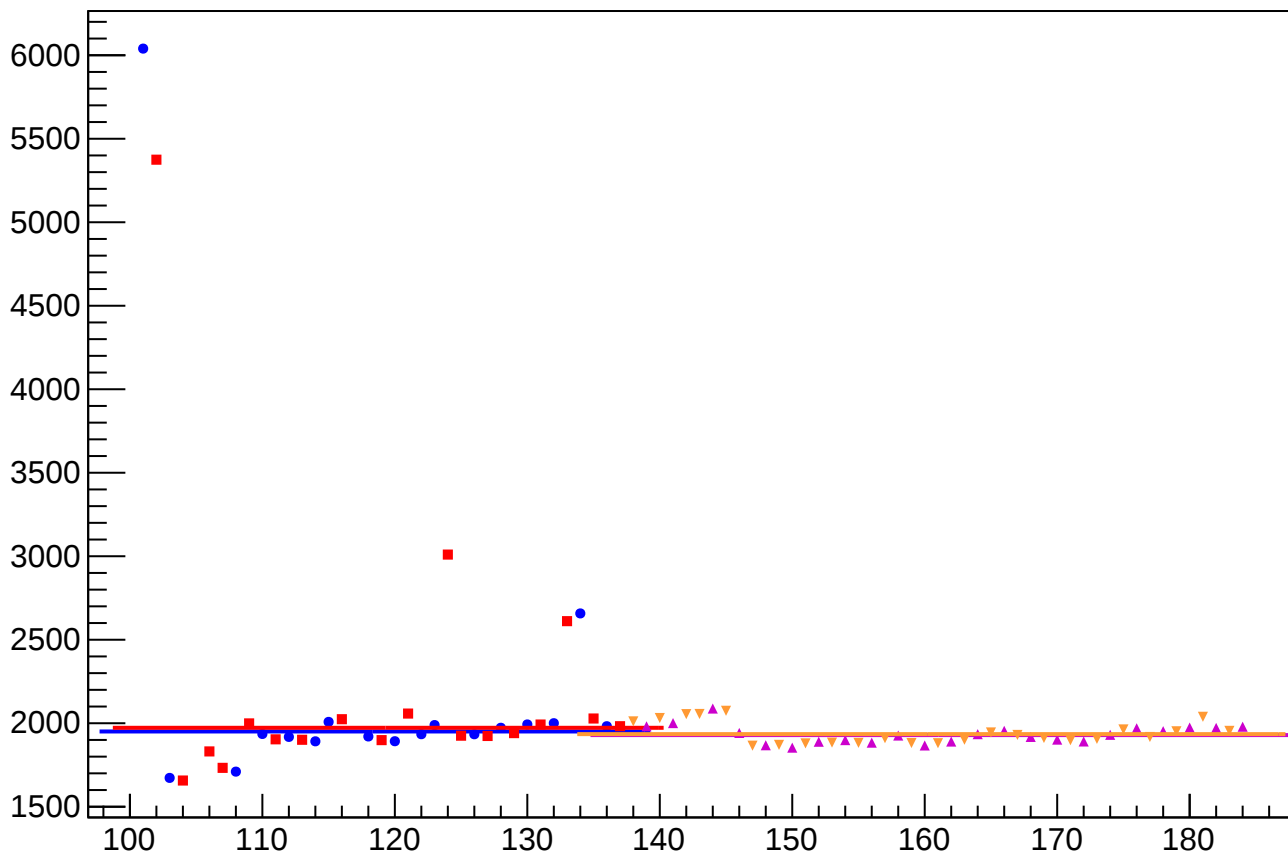
Right: 2928.147 $\pm$ 543.941 χ^2/NDF : 31.4/34

In: 2937.453 $\pm$ 395.358 χ^2/NDF :36.9/39

Out: 2287.076 $\pm$ 390.502 χ^2/NDF :53.3/41

All: 2608.246 $\pm$ 277.827 χ^2/NDF : 91.5/81

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.796 $\pm$ 0.321 χ^2 /NDF:38231.4/23

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

Left In: 1929.054 $\pm$ 0.325 χ^2 /NDF:26352.7/22

Left: 1931.965 $\pm$ 0.229 χ^2 /NDF: 64741.9/46

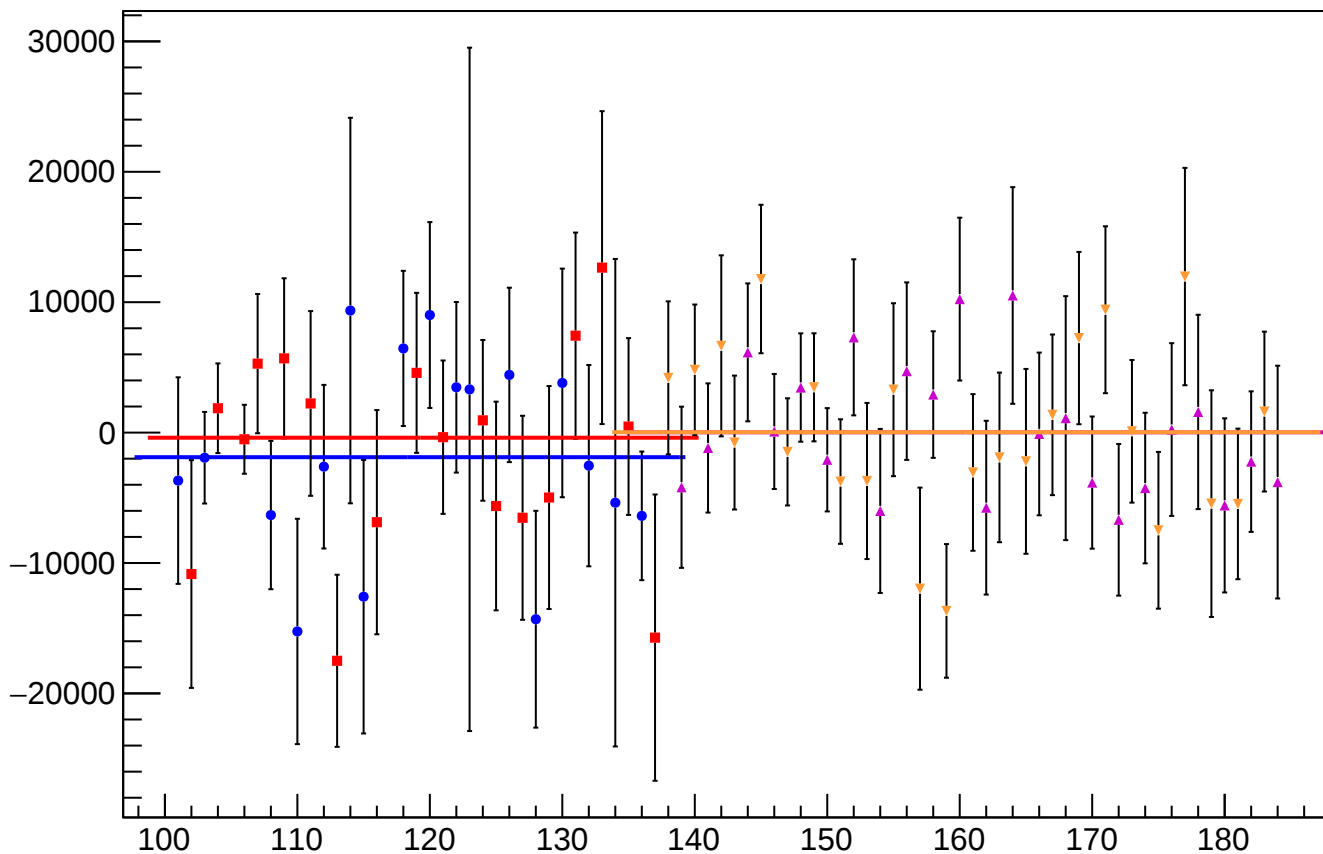
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1934.724 $\pm$ 0.280 χ^2 /NDF:642676.4/39

Out: 1944.657 $\pm$ 0.276 χ^2 /NDF:577532.7/41

All: 1939.753 $\pm$ 0.196 χ^2 /NDF: 1220848.3/81

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 24.107 $\pm$ 1193.917 χ^2/NDF : 14.7/22

Left: 26.584 $\pm$ 840.056 χ^2/NDF : 41.7/46

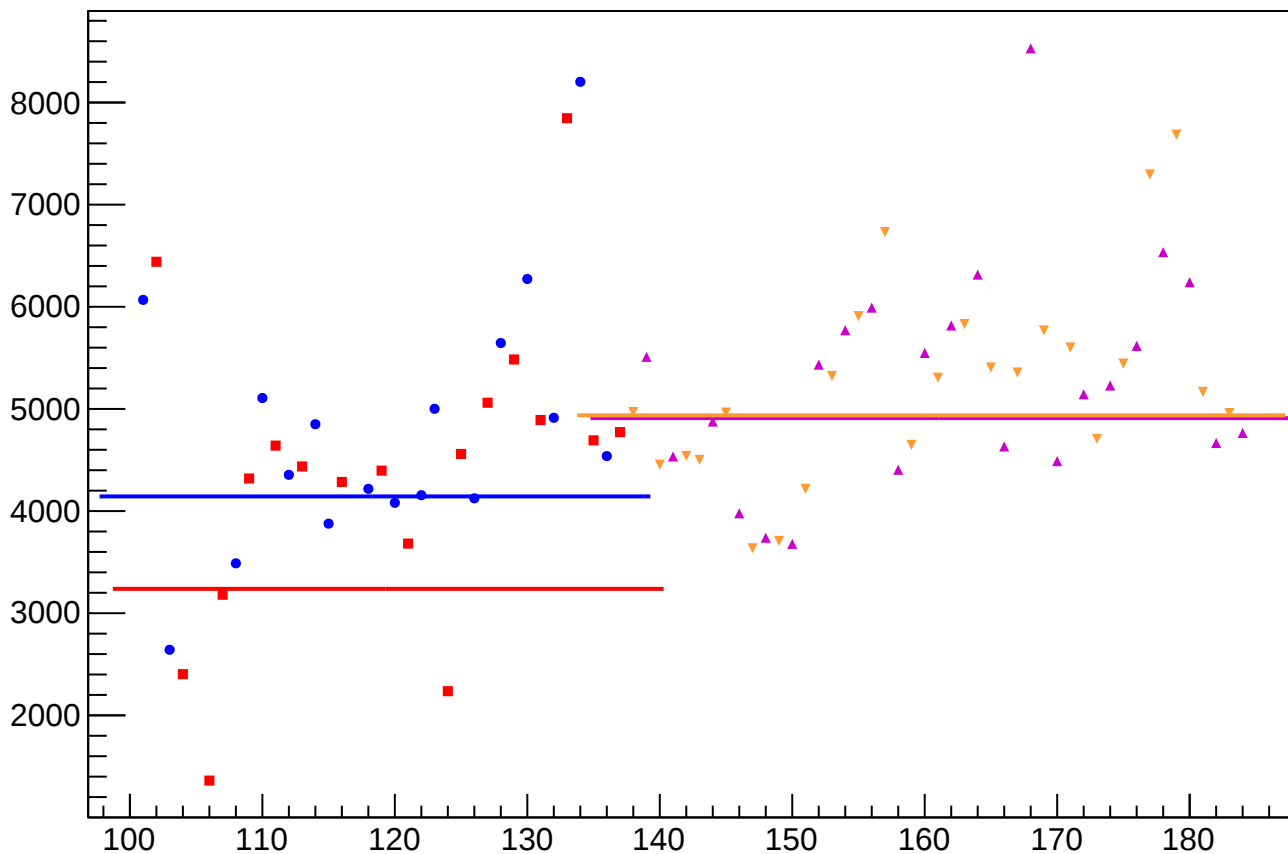
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -627.906 $\pm$ 968.857 χ^2/NDF : 29.7/39

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

All: -370.356 $\pm$ 656.511 χ^2/NDF : 74.5/81

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4937.759+/-0.836 χ^2/NDF : 1123998.4/23

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

Left In: 4909.787+/-0.844 χ^2/NDF : 1240536.9/22

Left: 4923.910+/-0.594 χ^2/NDF : 2365089.6/46

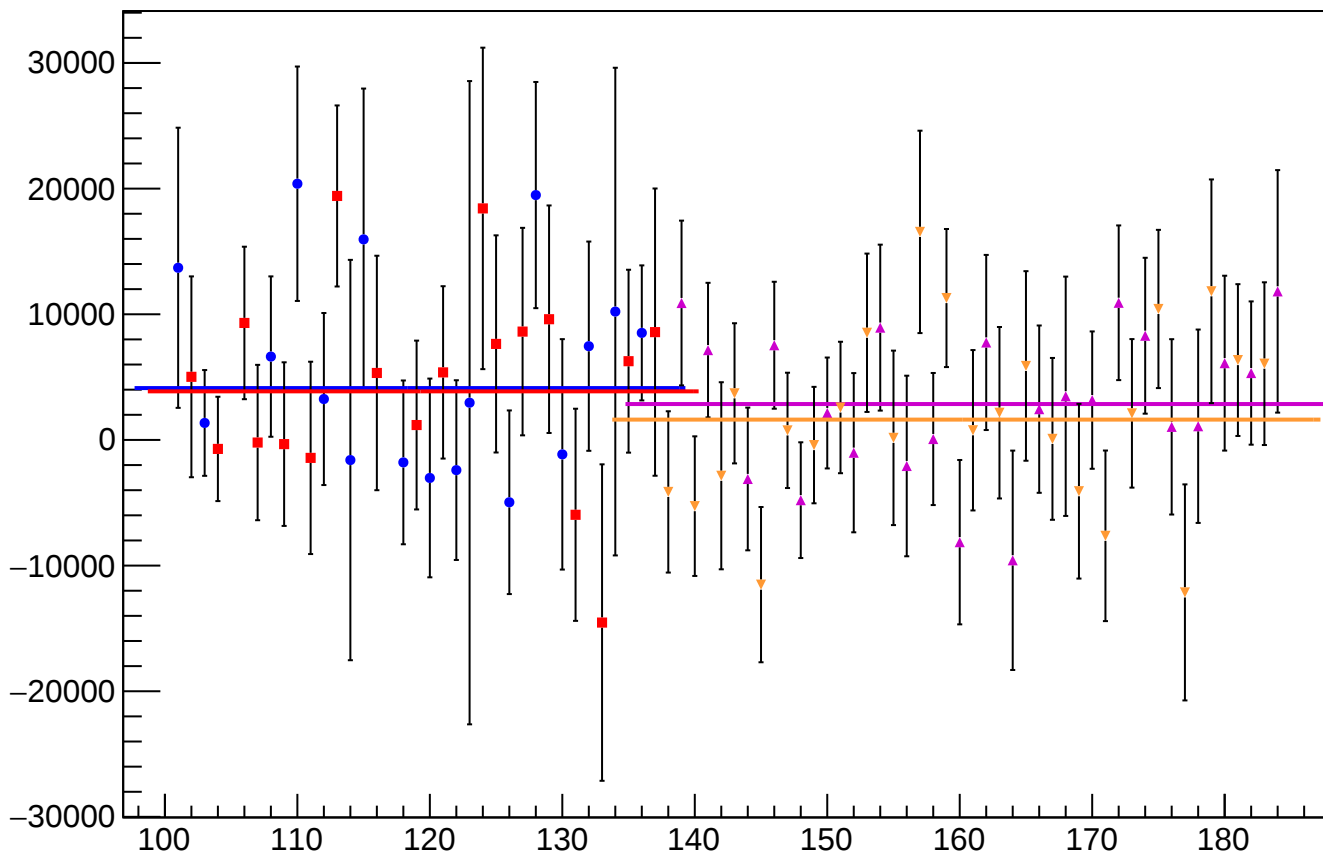
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4648.110+/-0.685 χ^2/NDF : 2377861.5/39

Out: 4207.462+/-0.631 χ^2/NDF : 5481697.3/41

All: 4409.790+/-0.464 χ^2/NDF : 8083308.5/83

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1617.825 $\pm$ 1270.436 χ^2/NDF : 25.3/23

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

Left In: 2856.480 $\pm$ 1284.131 χ^2/NDF : 18.1/22

Left: 2230.512 $\pm$ 903.137 χ^2/NDF : 43.8/46

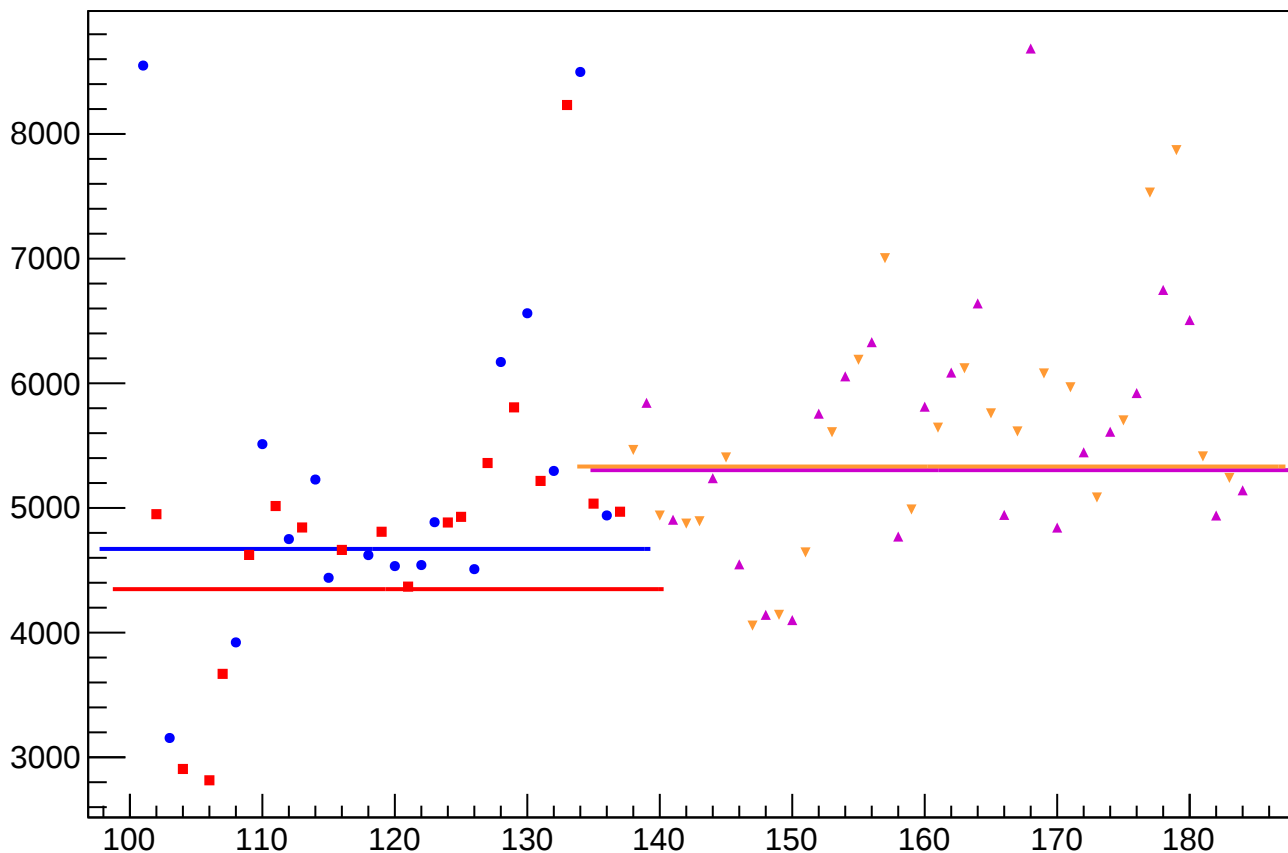
Right: 3986.746 $\pm$ 1266.737 χ^2/NDF : 27.9/34

In: 3265.557 $\pm$ 1057.309 χ^2/NDF : 32.1/39

Out: 2407.120 $\pm$ 1023.464 χ^2/NDF : 40.6/41

All: 2822.379 $\pm$ 735.372 χ^2/NDF : 73.0/81

asym_atr_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5303.321+/-0.908 χ^2/NDF : 960356.0/22

Left: 5317.991+/-0.639 χ^2/NDF : 1828269.0/46

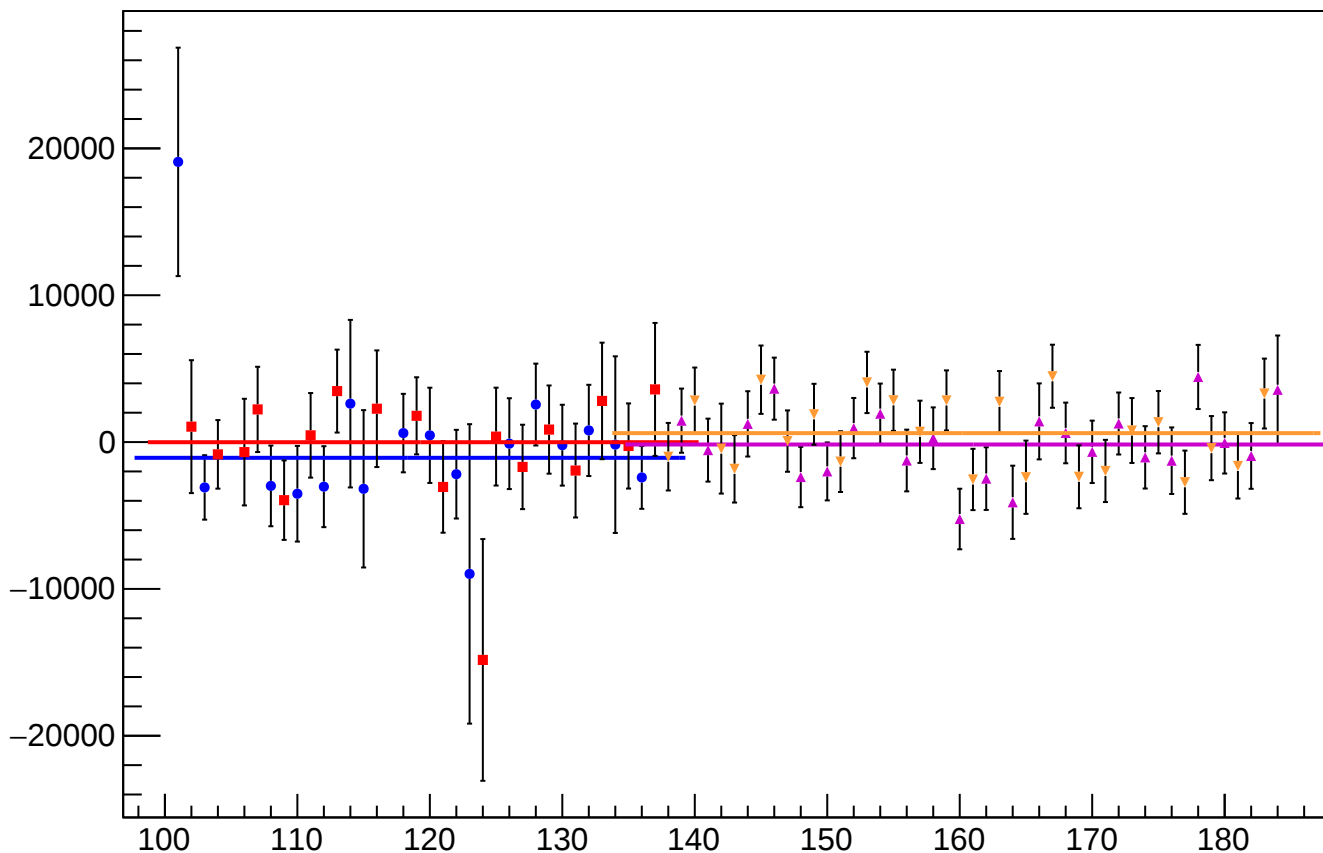
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 5099.772+/-0.748 χ^2/NDF : 1902493.9/39

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

All: 5040.134+/-0.519 χ^2/NDF : 3998625.1/81

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -165.209+/-454.110 χ^2/NDF : 24.6/22

Left: 227.842+/-318.774 χ^2/NDF : 54.1/46

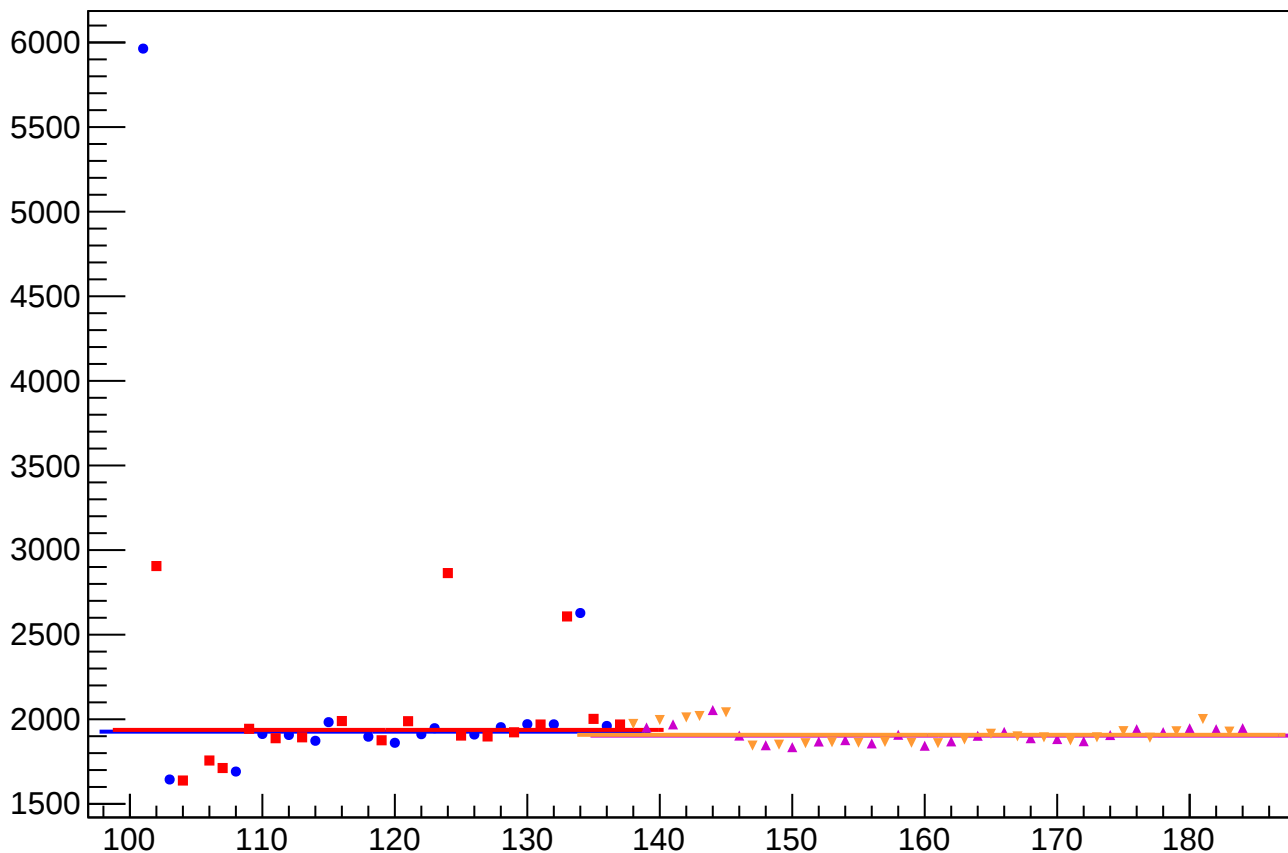
Right: -529.623+/-534.164 χ^2/NDF : 26.1/34

In: -402.215+/-390.222 χ^2/NDF : 39.4/39

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

All: 28.923+/-273.736 χ^2/NDF : 81.7/81

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1908.233+/-0.316 χ^2/NDF : 32743.4/23

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

Left In: 1903.508+/-0.321 χ^2/NDF : 23507.0/22

Left: 1905.904+/-0.225 χ^2/NDF : 56360.2/46

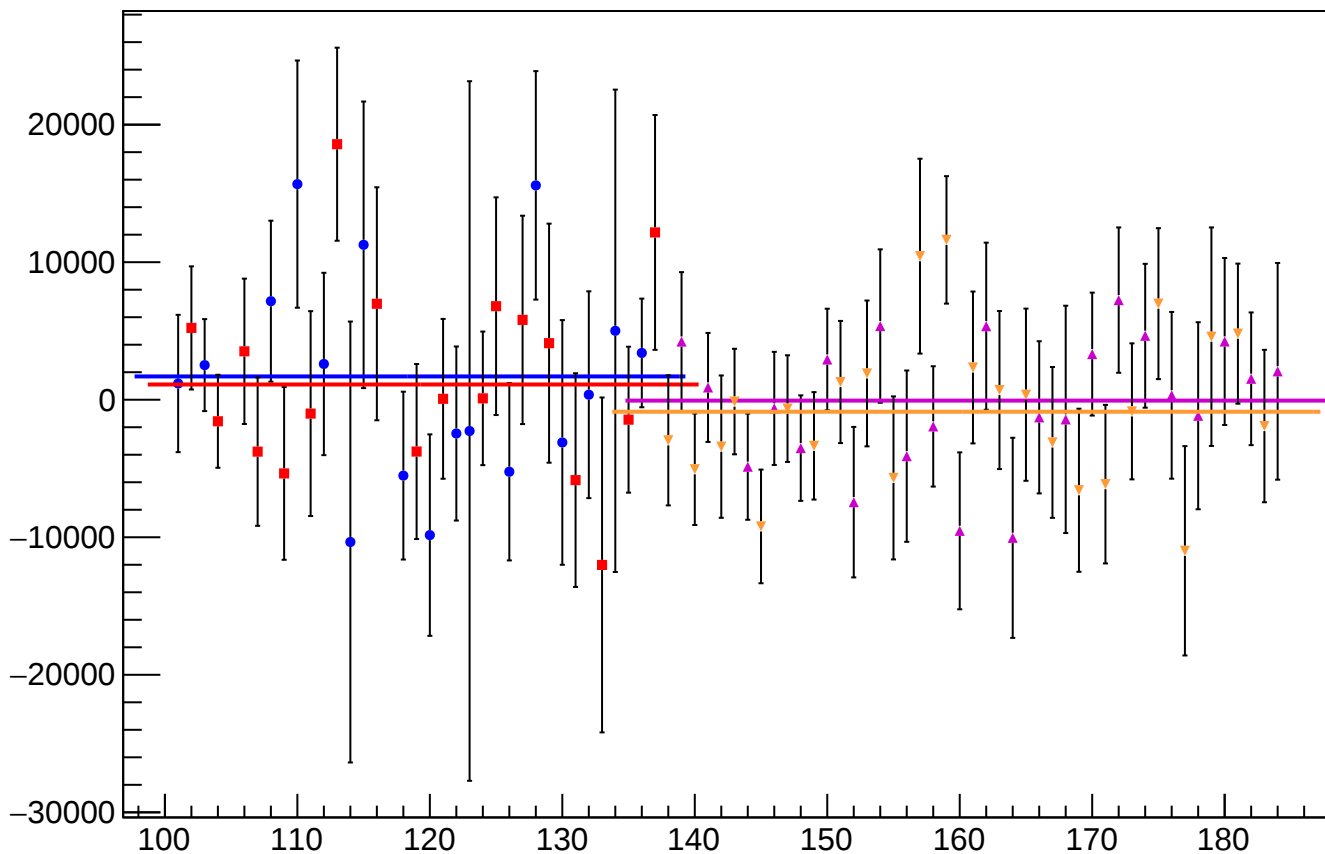
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1909.624+/-0.276 χ^2/NDF : 642010.4/39

Out: 1915.898+/-0.272 χ^2/NDF : 264045.7/41

All: 1912.811+/-0.194 χ^2/NDF : 906318.8/81

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: -63.527+/-1056.624 χ^2/NDF : 16.7/22

Left: -478.011+/-737.798 χ^2/NDF : 42.0/46

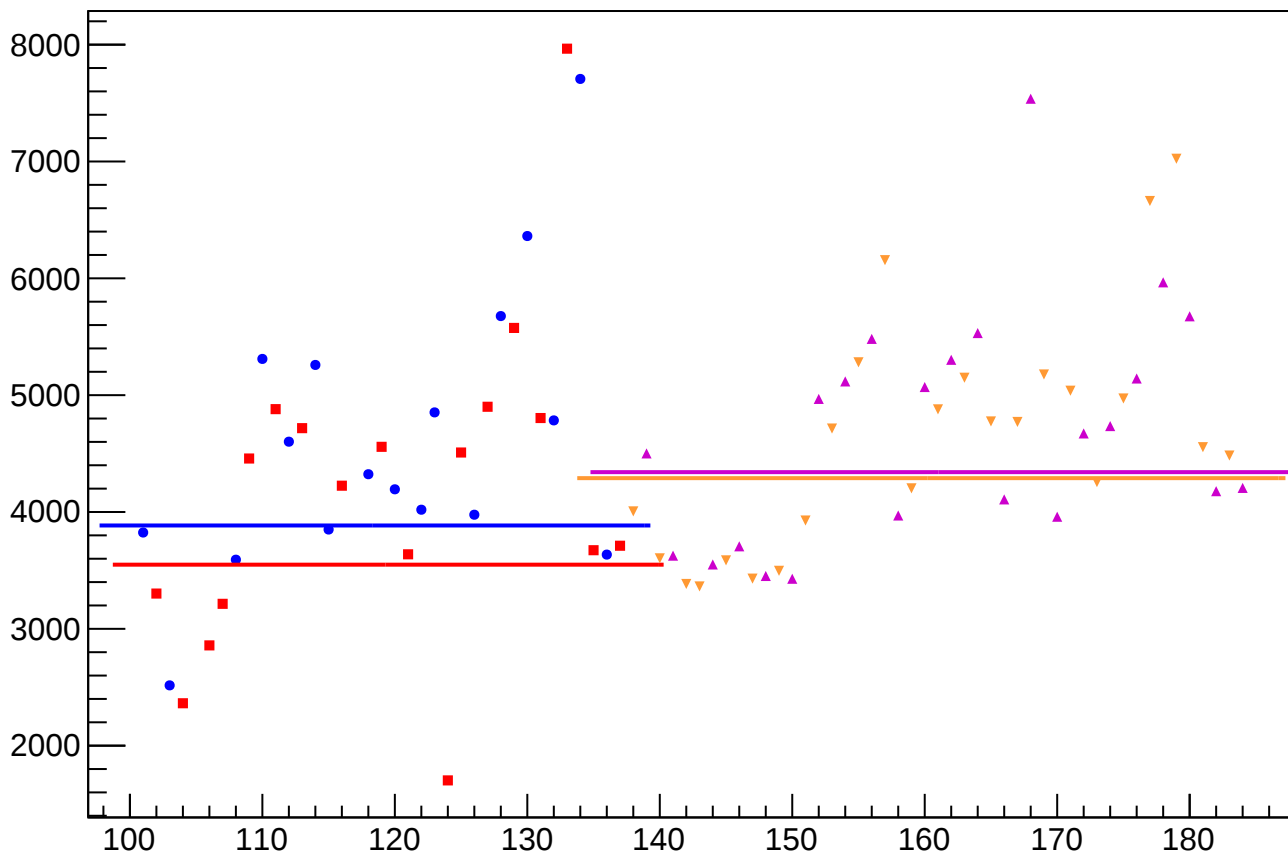
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 493.118+/-873.409 χ^2/NDF : 31.2/39

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

All: 138.136+/-602.658 χ^2/NDF : 73.6/81

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4341.102 $\pm$ 0.747 χ^2 /NDF:1295892.3/22

Left: 4314.780 $\pm$ 0.522 χ^2 /NDF: 2644594.4/46

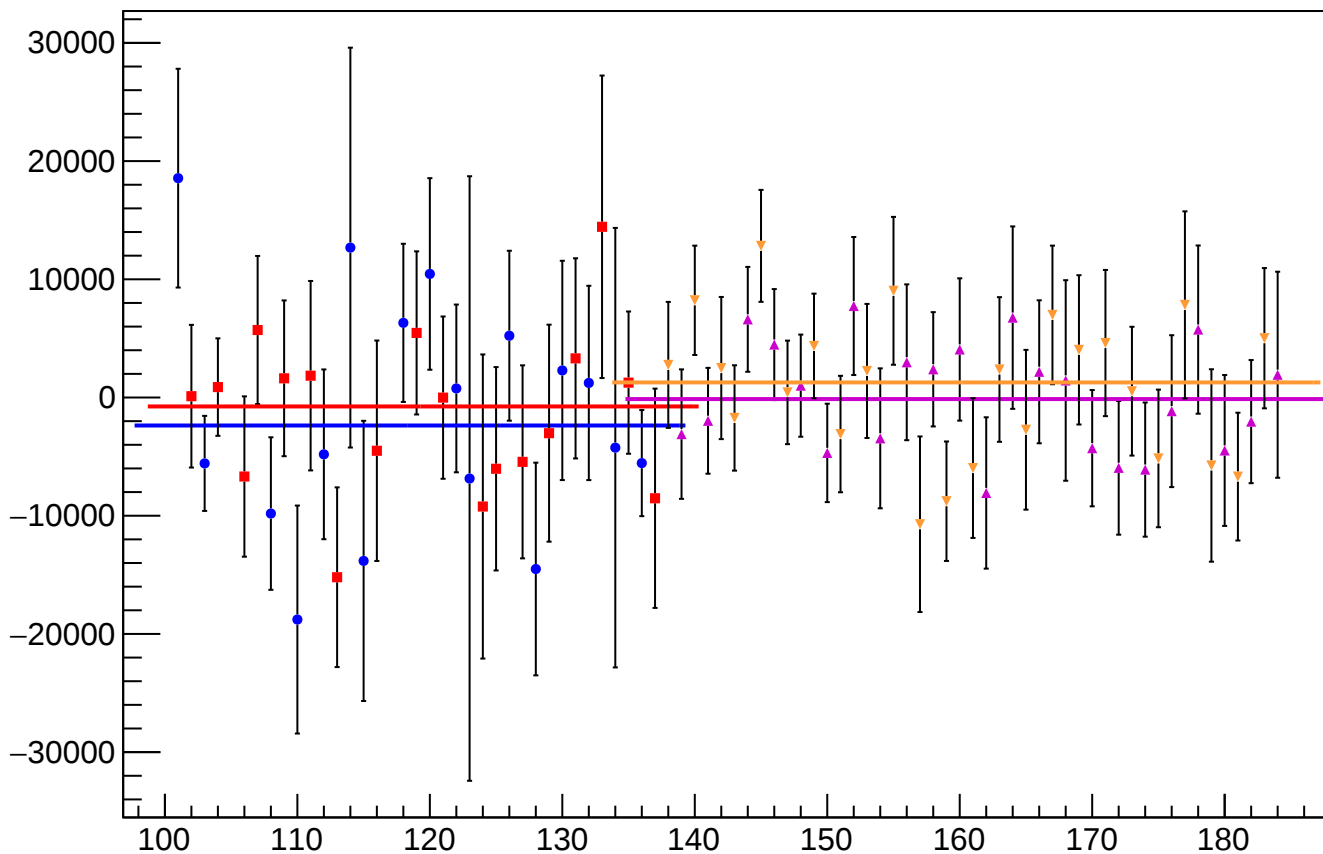
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 4196.516 $\pm$ 0.618 χ^2 /NDF:2240693.0/39

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

All: 4110.572 $\pm$ 0.426 χ^2 /NDF: 5309612.5/81

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1276.241 $\pm$ 1134.142 χ^2 /NDF:26.8/23

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

Left In: -131.428 $\pm$ 1157.282 χ^2 /NDF:14.9/22

Left: 586.620 $\pm$ 810.017 χ^2 /NDF: 42.4/46

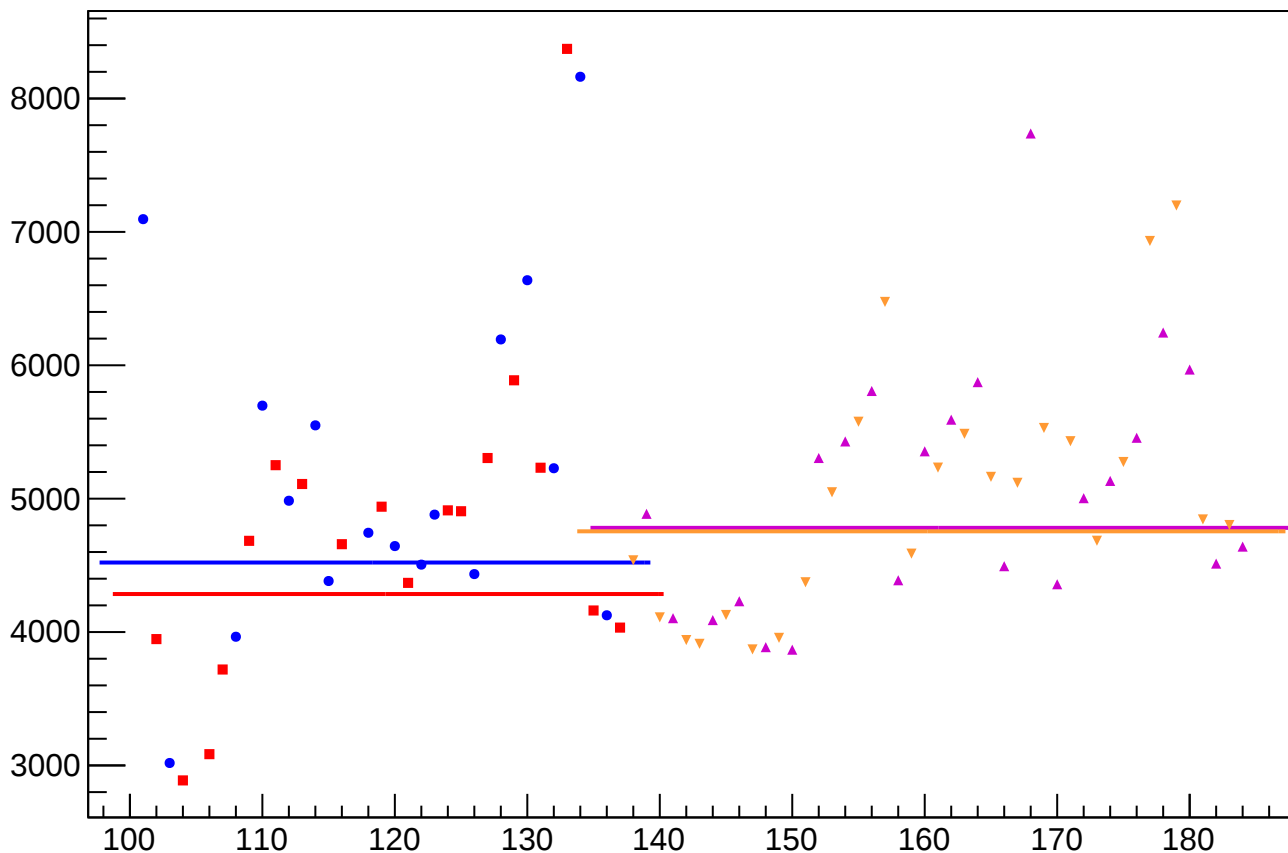
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -784.419 $\pm$ 973.753 χ^2 /NDF:36.1/39

Out: 646.866 $\pm$ 942.272 χ^2 /NDF:38.3/41

All: -45.266 $\pm$ 677.143 χ^2 /NDF: 75.5/81

asym_atr_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 4781.172+/-0.818 χ^2/NDF : 951542.2/22

Left: 4767.923+/-0.573 χ^2/NDF : 1905014.9/46

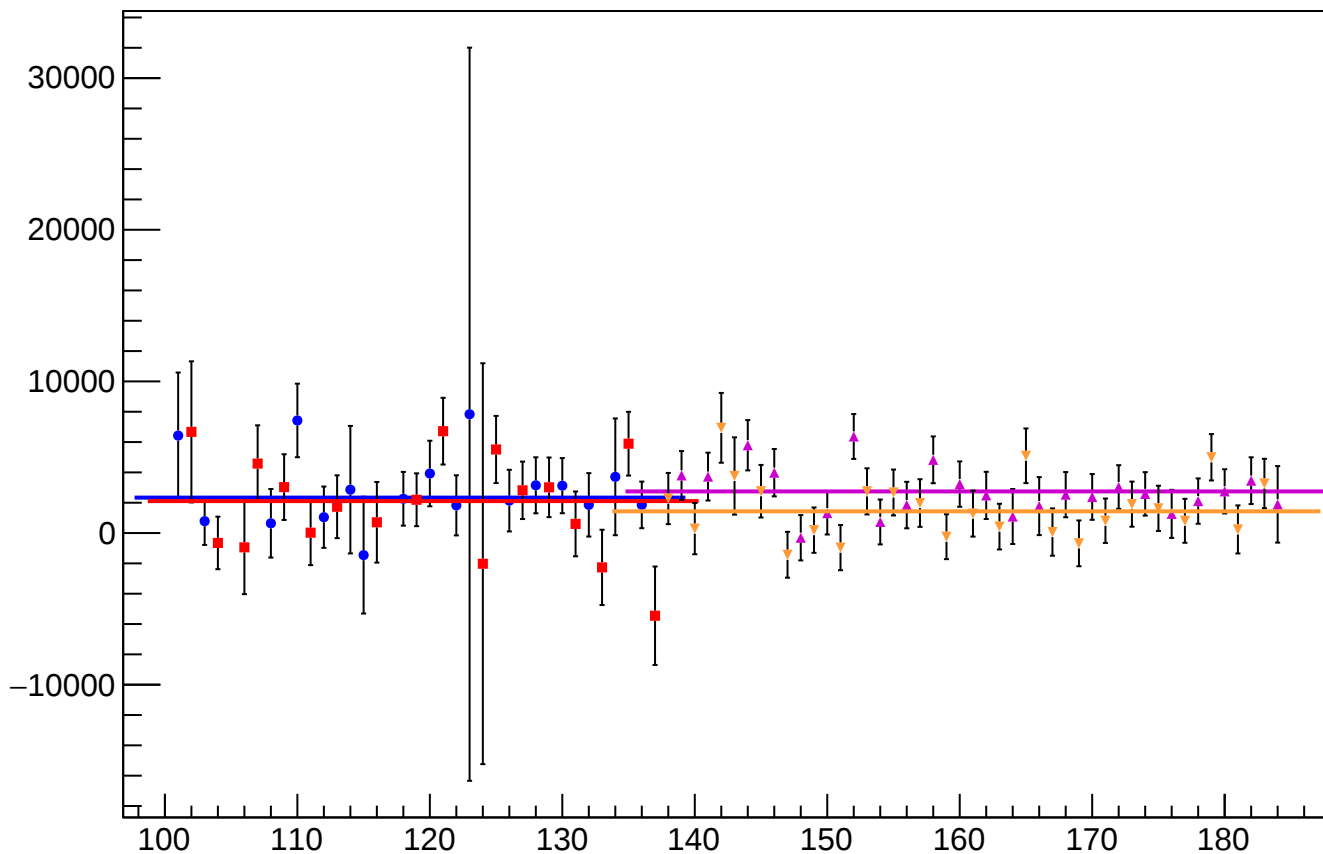
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4705.263+/-0.689 χ^2/NDF : 1759683.2/39

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

All: 4655.188+/-0.478 χ^2/NDF : 3576532.1/81

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 2745.012 $\pm$ 325.013 χ^2 /NDF:22.8/22

Left: 2087.152 $\pm$ 229.481 χ^2 /NDF: 63.5/46

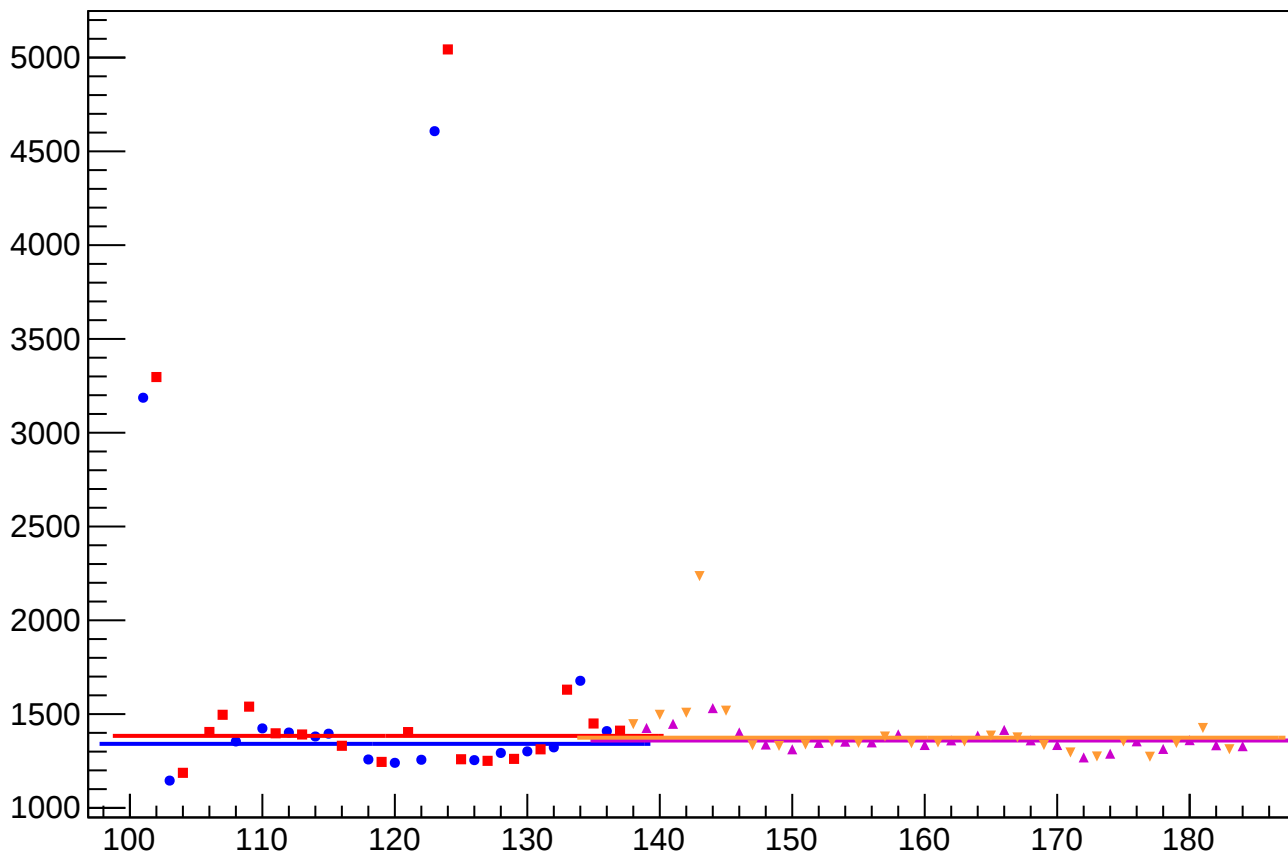
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2633.847 $\pm$ 277.227 χ^2 /NDF:32.8/39

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

All: 2123.895 $\pm$ 196.236 χ^2 /NDF: 99.7/81

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1374.188 $\pm$ 0.229 χ^2 /NDF:302283.2/23

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

Left In: 1359.185 $\pm$ 0.230 χ^2 /NDF:55328.0/22

Left: 1366.708 $\pm$ 0.162 χ^2 /NDF: 359748.3/46

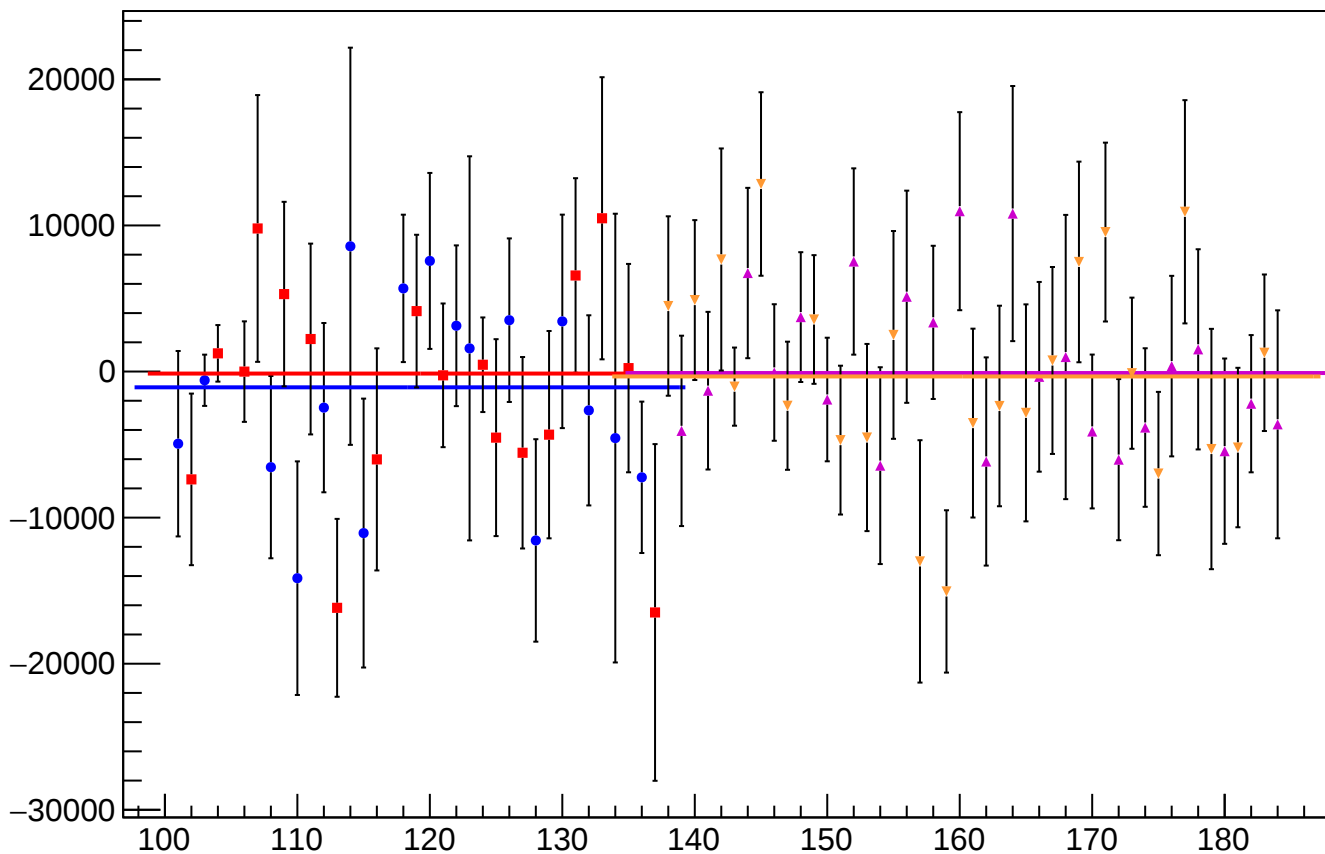
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1354.332 $\pm$ 0.196 χ^2 /NDF:561236.4/39

Out: 1376.768 $\pm$ 0.196 χ^2 /NDF:896607.5/41

All: 1365.528 $\pm$ 0.139 χ^2 /NDF: 1464380.4/81

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -335.823+/-1131.690 χ^2/NDF : 28.0/23

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

Left In: -102.901+/-1223.984 χ^2/NDF : 14.3/22

Left: -228.474+/-830.941 χ^2/NDF : 42.4/46

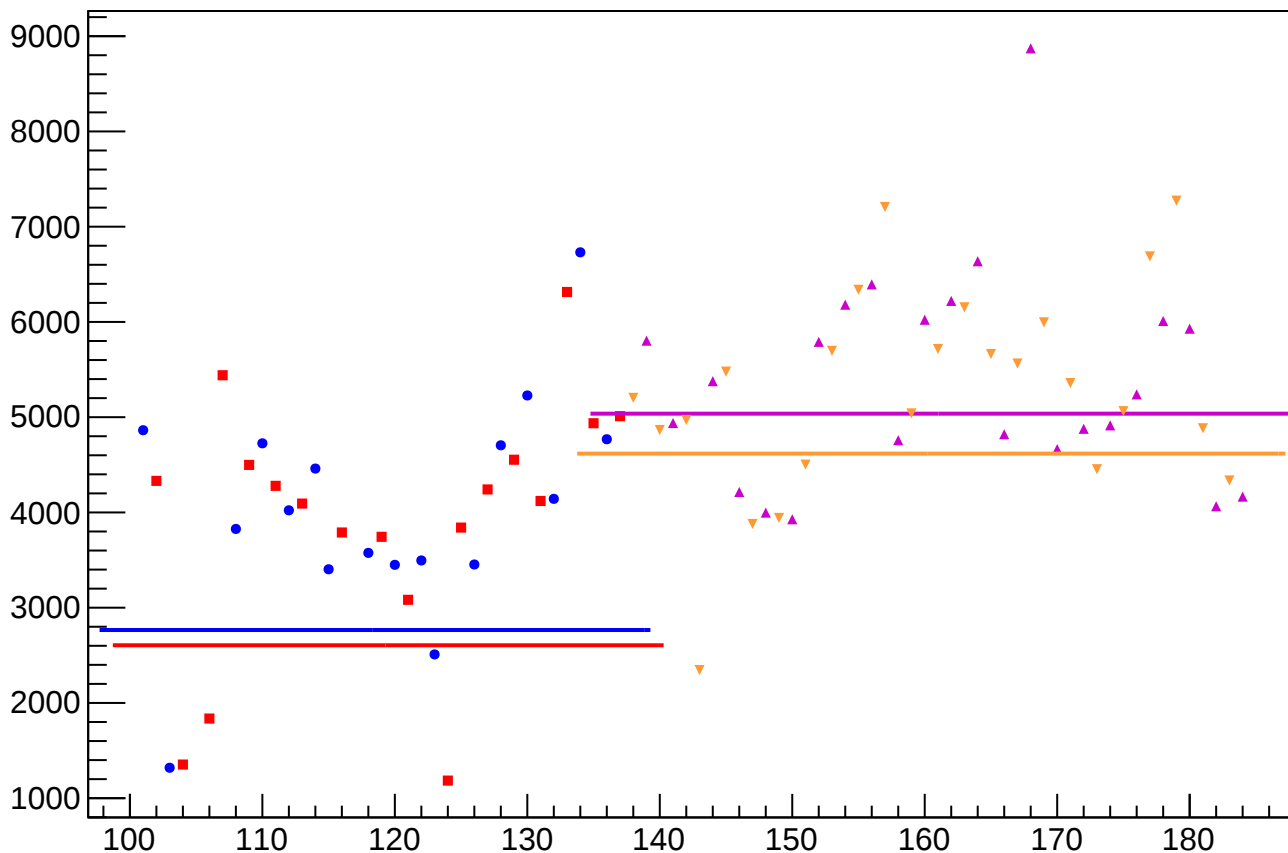
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -596.628+/-861.356 χ^2/NDF : 29.7/39

Out: -237.124+/-799.386 χ^2/NDF : 46.0/41

All: -403.480+/-585.936 χ^2/NDF : 75.8/81

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4617.470+/-0.800 χ^2/NDF : 2724290.0/23

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

Left In: 5037.077+/-0.865 χ^2/NDF : 1187934.6/22

Left: 4810.859+/-0.588 χ^2/NDF : 4038945.6/46

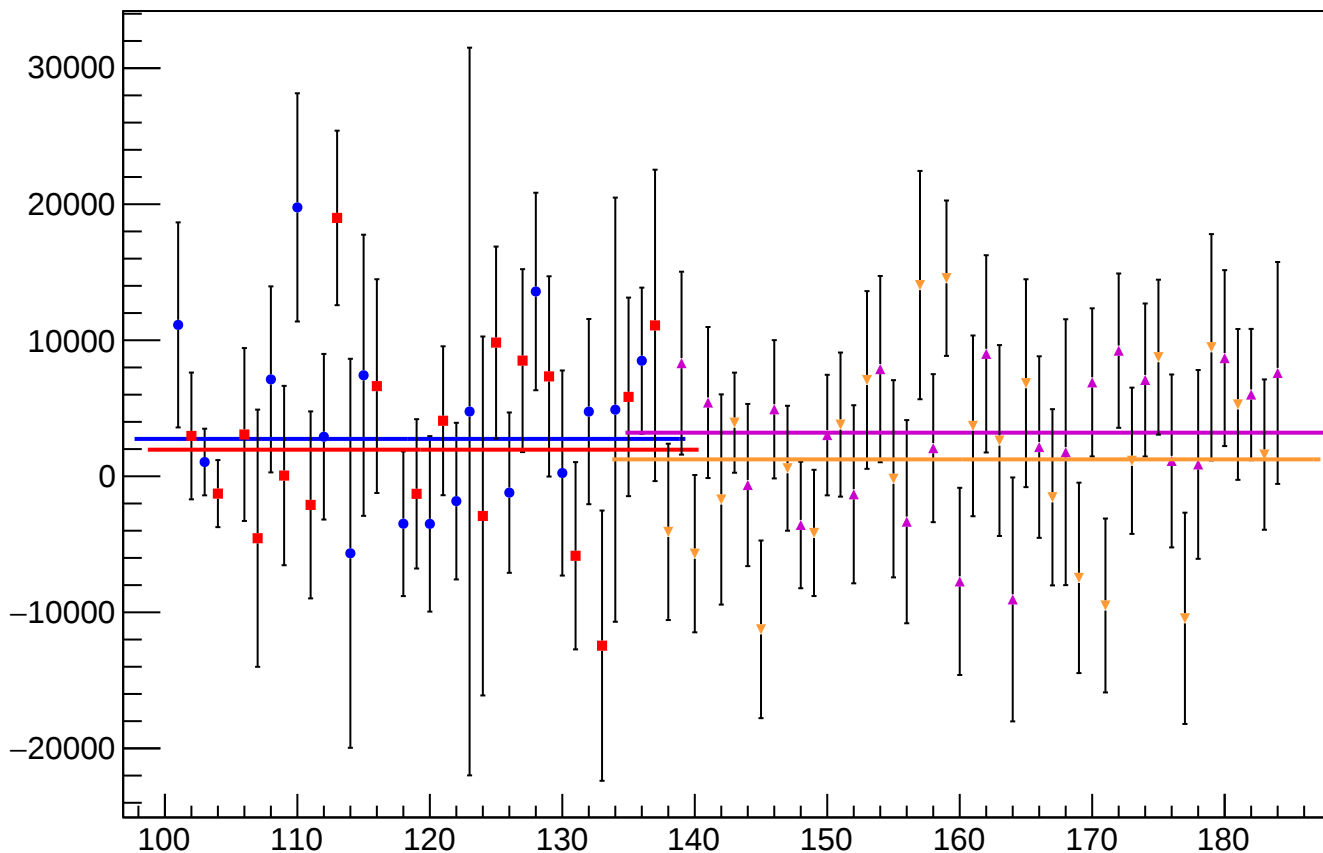
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3890.591+/-0.609 χ^2/NDF : 7603415.5/39

Out: 3609.388+/-0.565 χ^2/NDF : 9213901.9/41

All: 3739.511+/-0.414 χ^2/NDF : 16931839.6/80

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: 3205.363+/-1265.586 χ^2/NDF : 13.9/22

Left: 2186.452+/-877.208 χ^2/NDF : 42.6/46

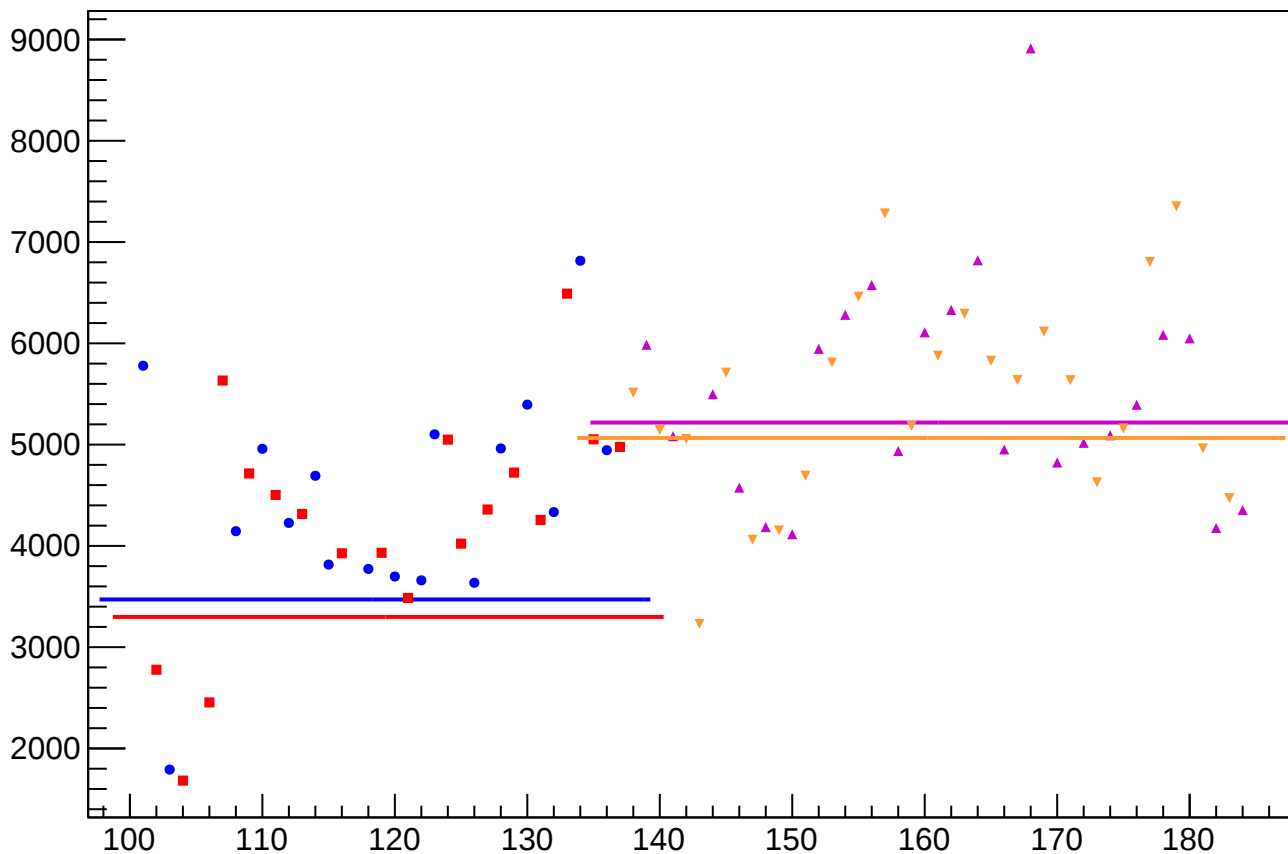
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 3007.198+/-952.523 χ^2/NDF : 27.7/39

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

All: 2250.892+/-659.490 χ^2/NDF : 74.3/81

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 5217.971+/-0.895 χ^2/NDF : 1058996.1/22

Left: 5138.959+/-0.620 χ^2/NDF : 2501454.9/46

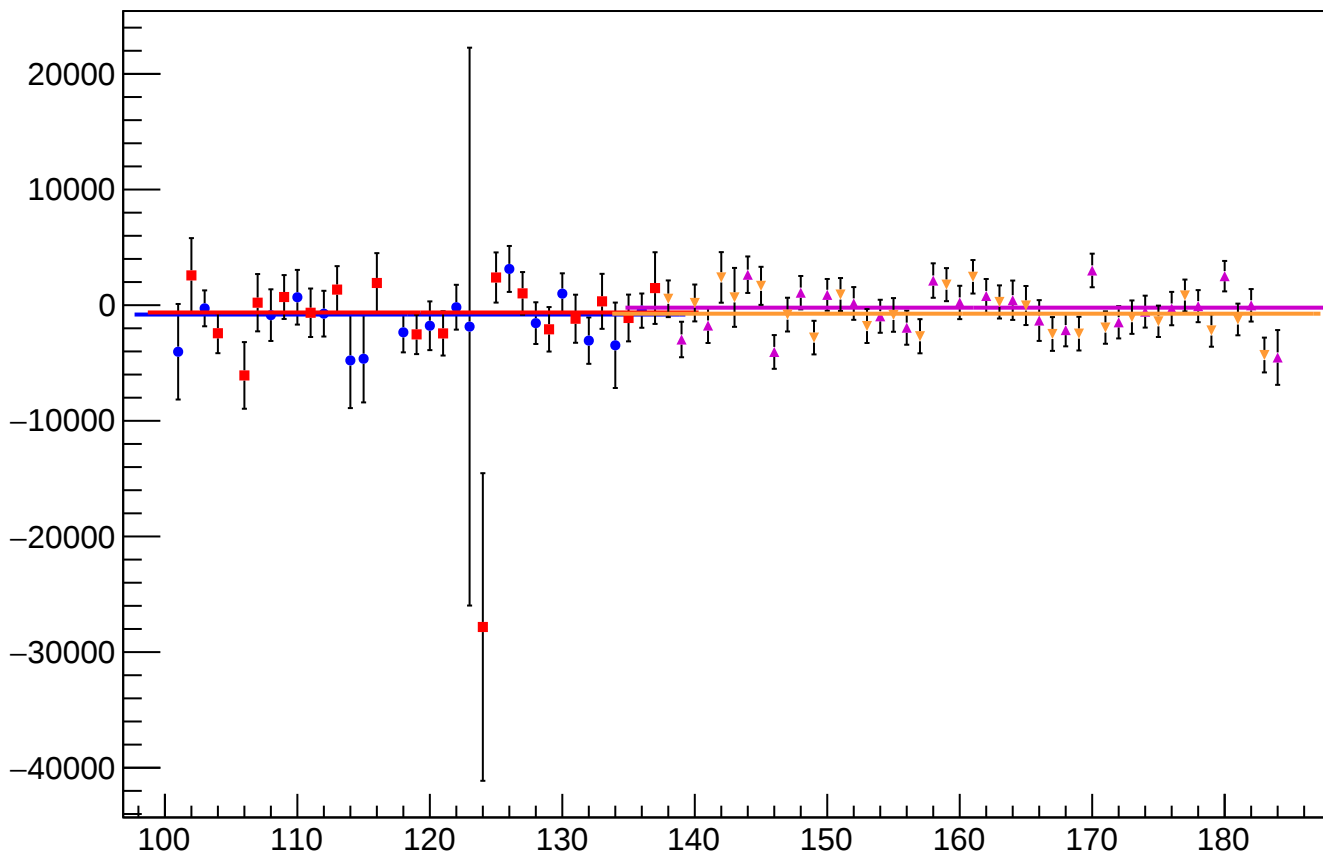
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4460.631+/-0.674 χ^2/NDF : 4478792.7/39

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

All: 4370.135+/-0.465 χ^2/NDF : 9684566.4/81

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -735.861+/-306.659 χ^2/NDF :31.8/23

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

Left In: -215.207+/-308.041 χ^2/NDF :36.5/22

Left: -476.705+/-217.328 χ^2/NDF : 69.7/46

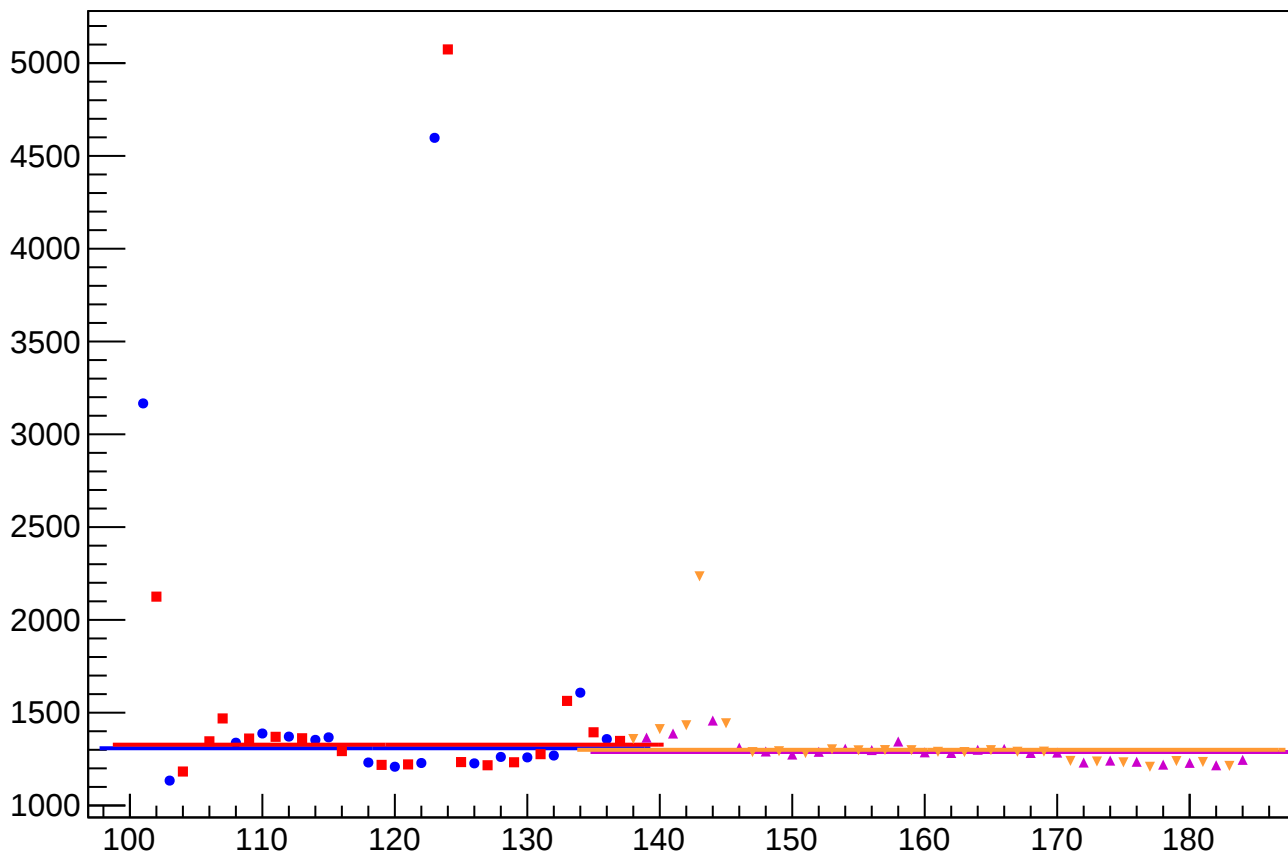
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -370.256+/-264.789 χ^2/NDF :48.6/39

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

All: -540.126+/-186.768 χ^2/NDF : 99.8/81

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1288.232+/-0.218 χ^2/NDF : 63961.3/22

Left: 1294.129+/-0.154 χ^2/NDF : 406598.9/46

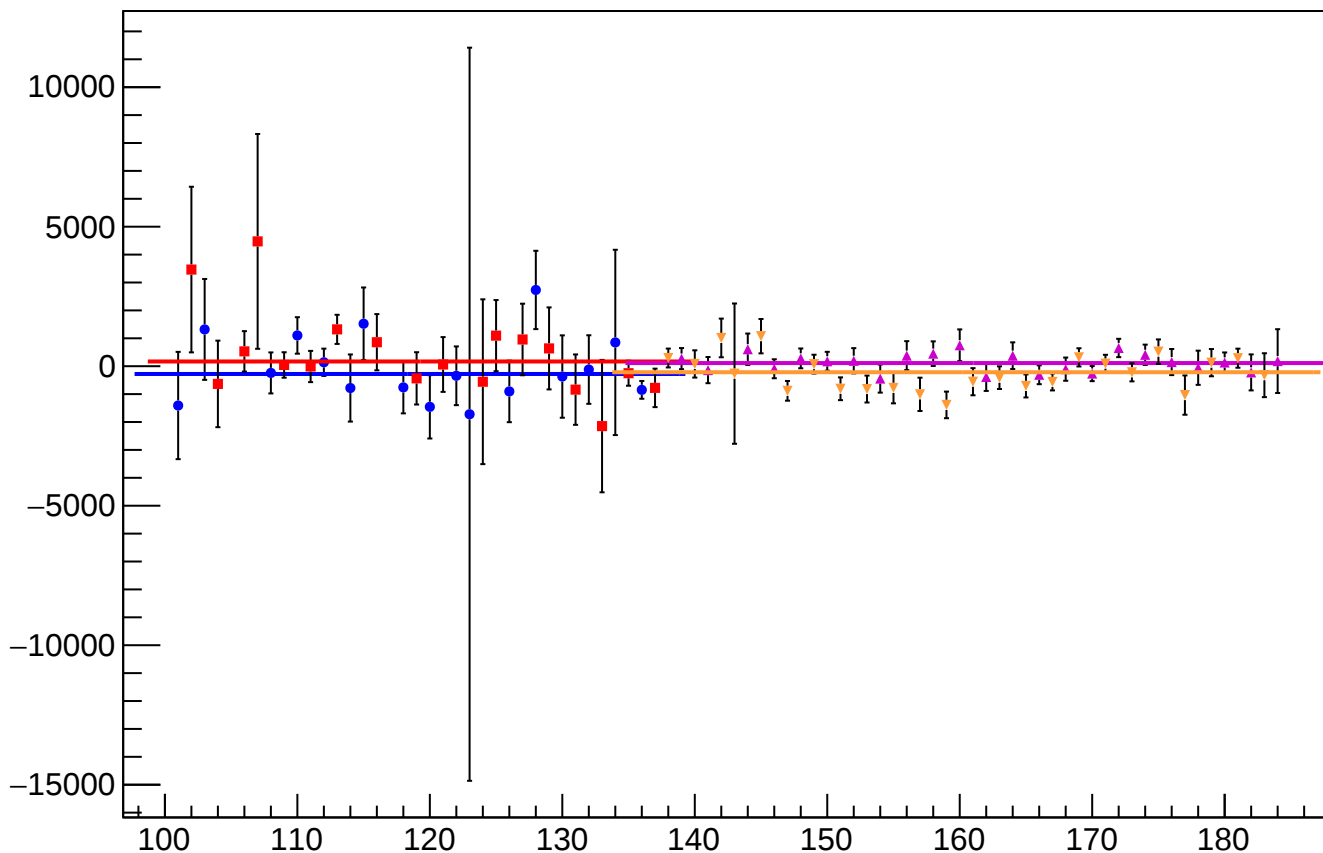
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1293.489+/-0.187 χ^2/NDF : 572737.5/39

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

All: 1300.388+/-0.132 χ^2/NDF : 1278212.3/83

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

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

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

Left In: 113.183+/-86.981 χ^2/NDF : 14.0/22

Left: -51.596+/-61.424 χ^2/NDF : 62.0/46

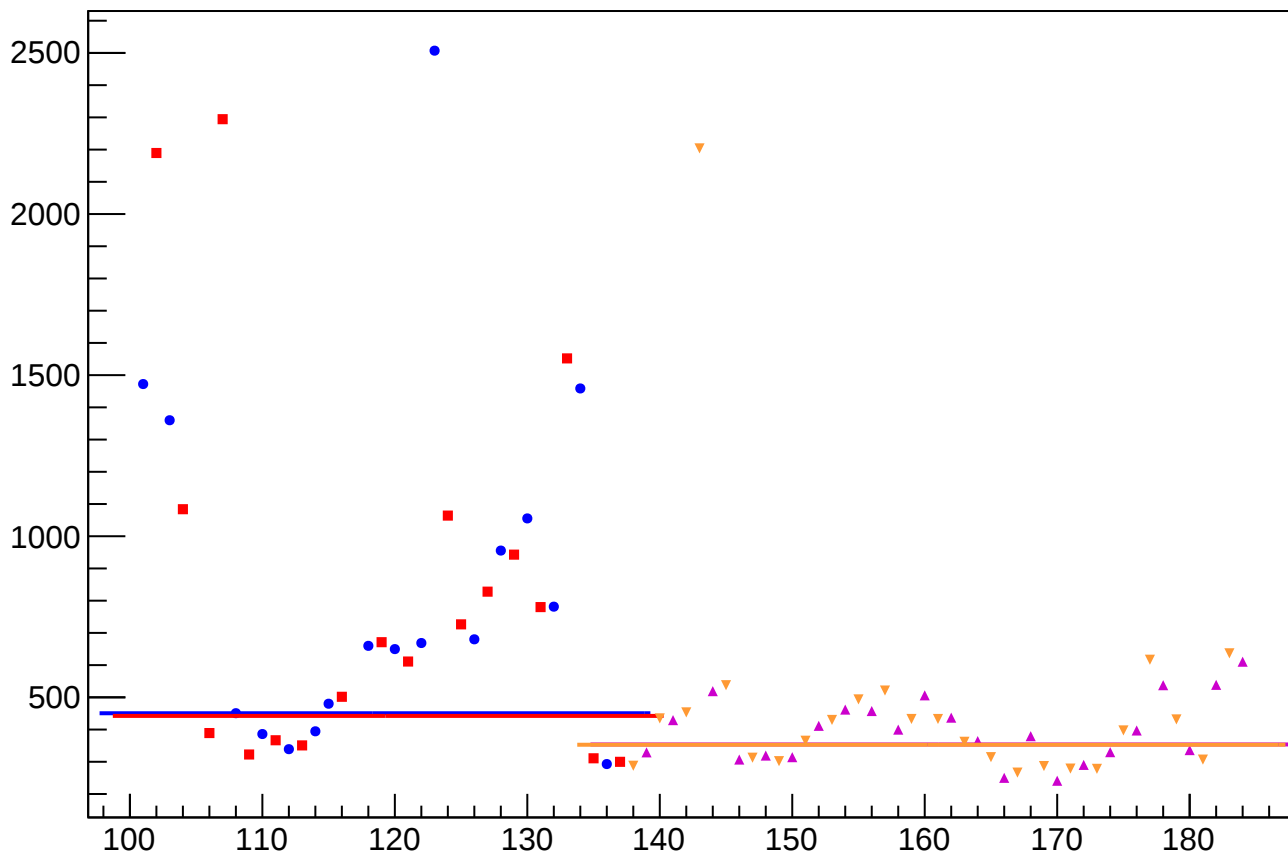
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 49.854+/-79.644 χ^2/NDF : 35.3/39

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

All: -51.015+/-56.120 χ^2/NDF : 97.1/81

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: 352.858+/-0.061 χ^2/NDF : 3086662.8/23

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

Left In: 353.746+/-0.062 χ^2/NDF : 1833470.0/22

Left: 353.301+/-0.043 χ^2/NDF : 4920237.1/46

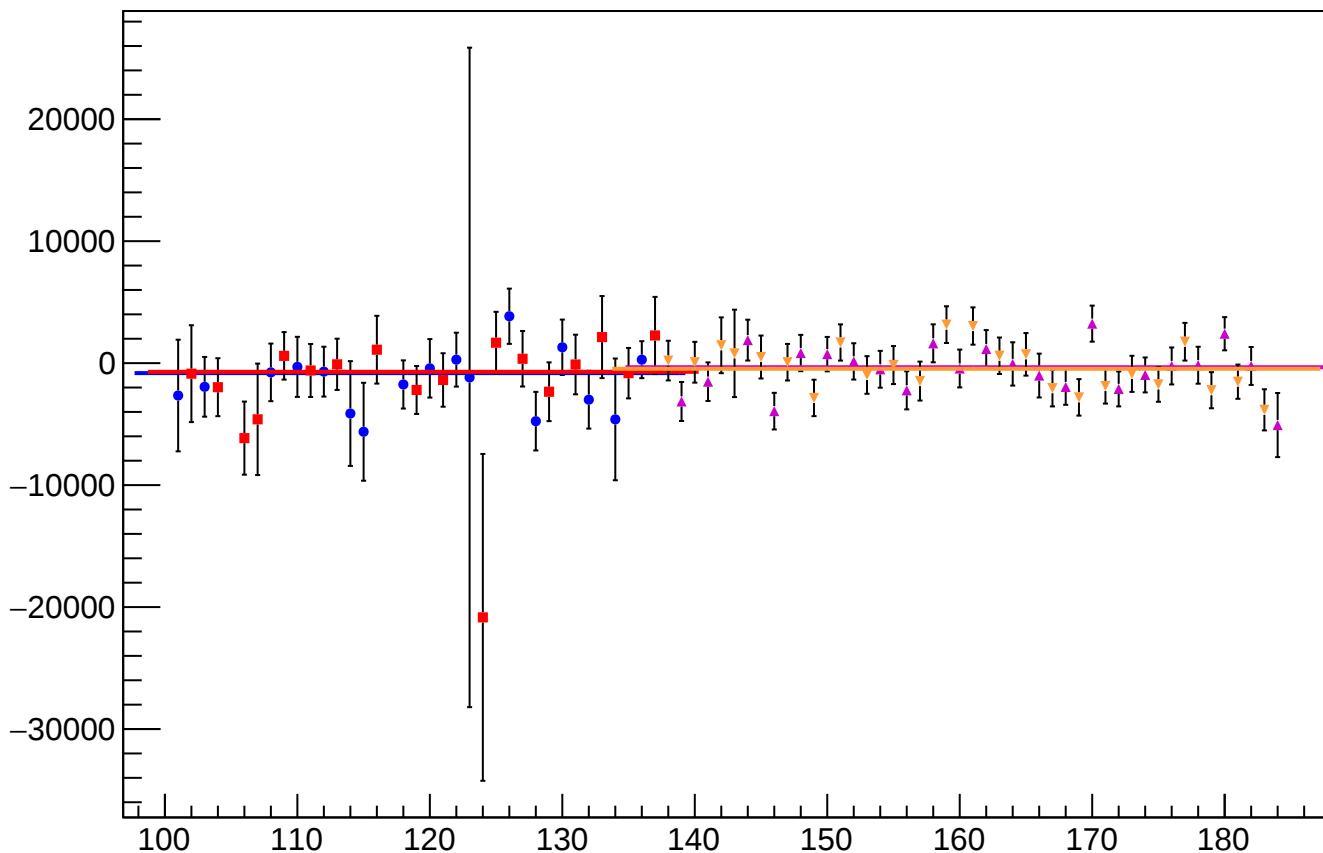
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 369.396+/-0.056 χ^2/NDF : 5231898.3/39

Out: 367.970+/-0.056 χ^2/NDF : 6814452.8/41

All: 368.678+/-0.040 χ^2/NDF : 12046674.2/83

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -337.193+/-323.023 χ^2/NDF : 32.8/22

Left: -400.172+/-228.309 χ^2/NDF : 65.0/46

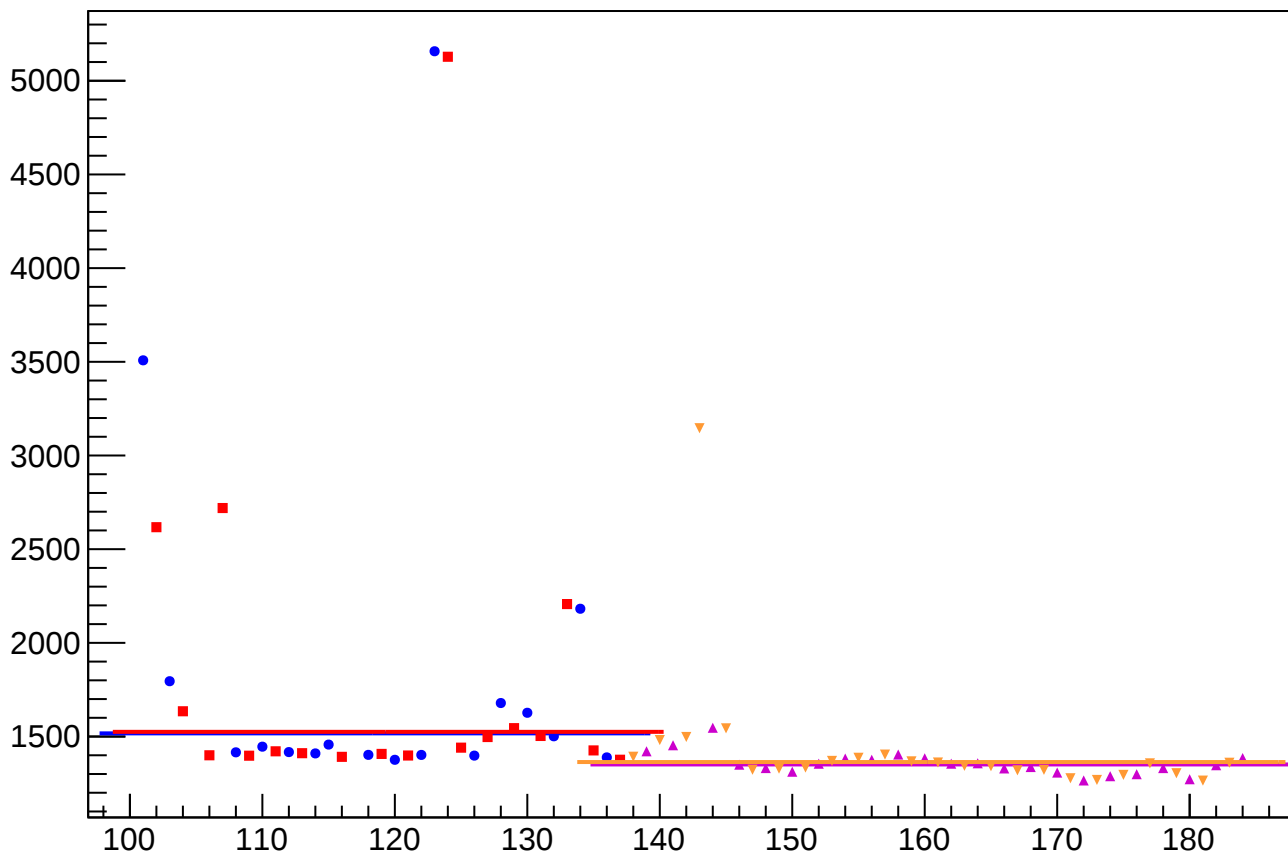
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -444.716+/-284.545 χ^2/NDF : 46.0/39

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

All: -482.037+/-200.941 χ^2/NDF : 89.8/81

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: 1363.907 $\pm$ 0.228 χ^2 /NDF: 575065.4/23

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

Left In: 1351.012 $\pm$ 0.228 χ^2 /NDF: 68978.1/22

Left: 1357.466 $\pm$ 0.161 χ^2 /NDF: 645638.5/46

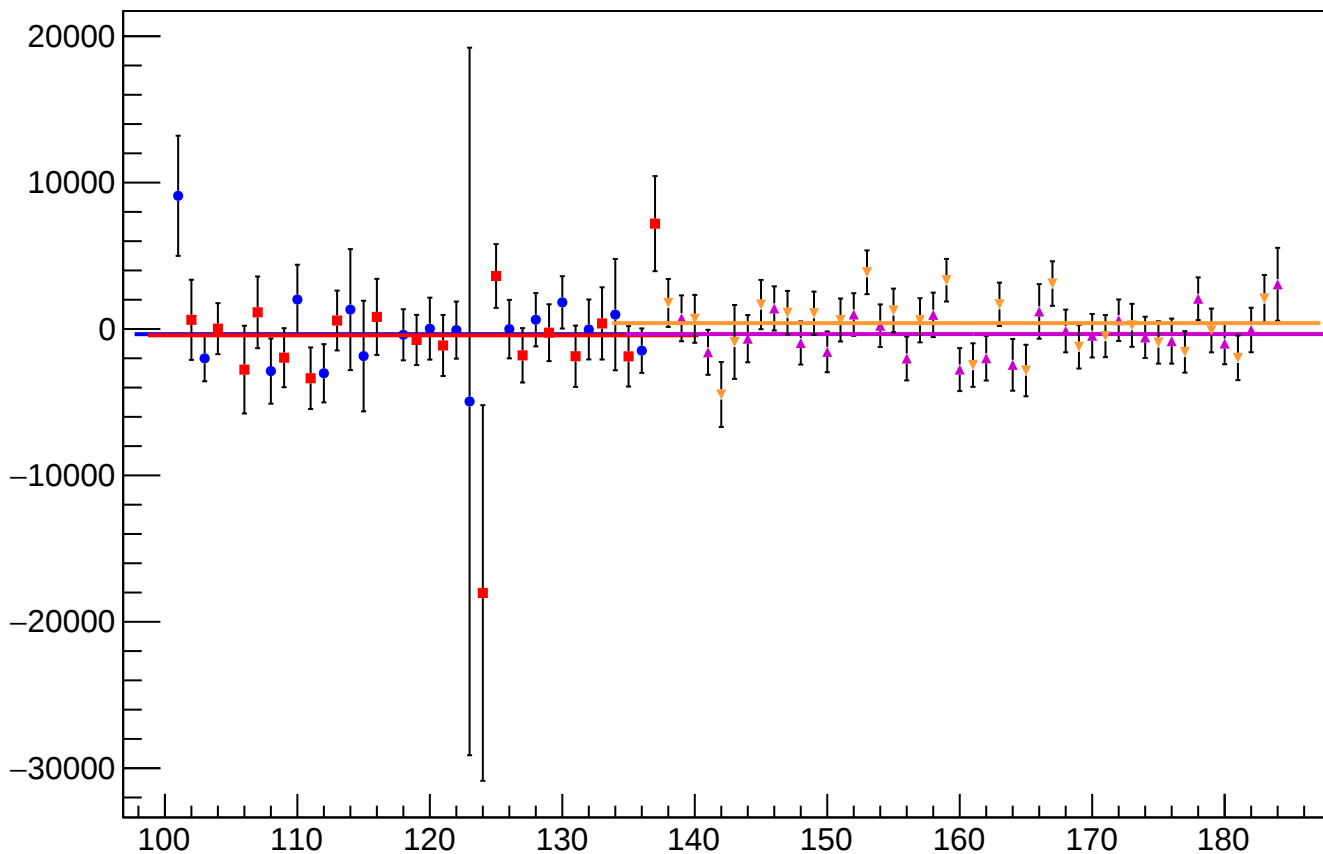
Right: 1521.052 $\pm$ 0.299 χ^2 /NDF: 1113154.8/34

In: 1388.187 $\pm$ 0.201 χ^2 /NDF: 728244.0/39

Out: 1400.450 $\pm$ 0.201 χ^2 /NDF: 1260100.1/41

All: 1394.334 $\pm$ 0.142 χ^2 /NDF: 1990206.1/81

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 403.233+/-317.011 χ^2/NDF : 35.6/23

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

Left In: -345.358+/-318.322 χ^2/NDF : 17.9/22

Left: 30.483+/-224.623 χ^2/NDF : 56.3/46

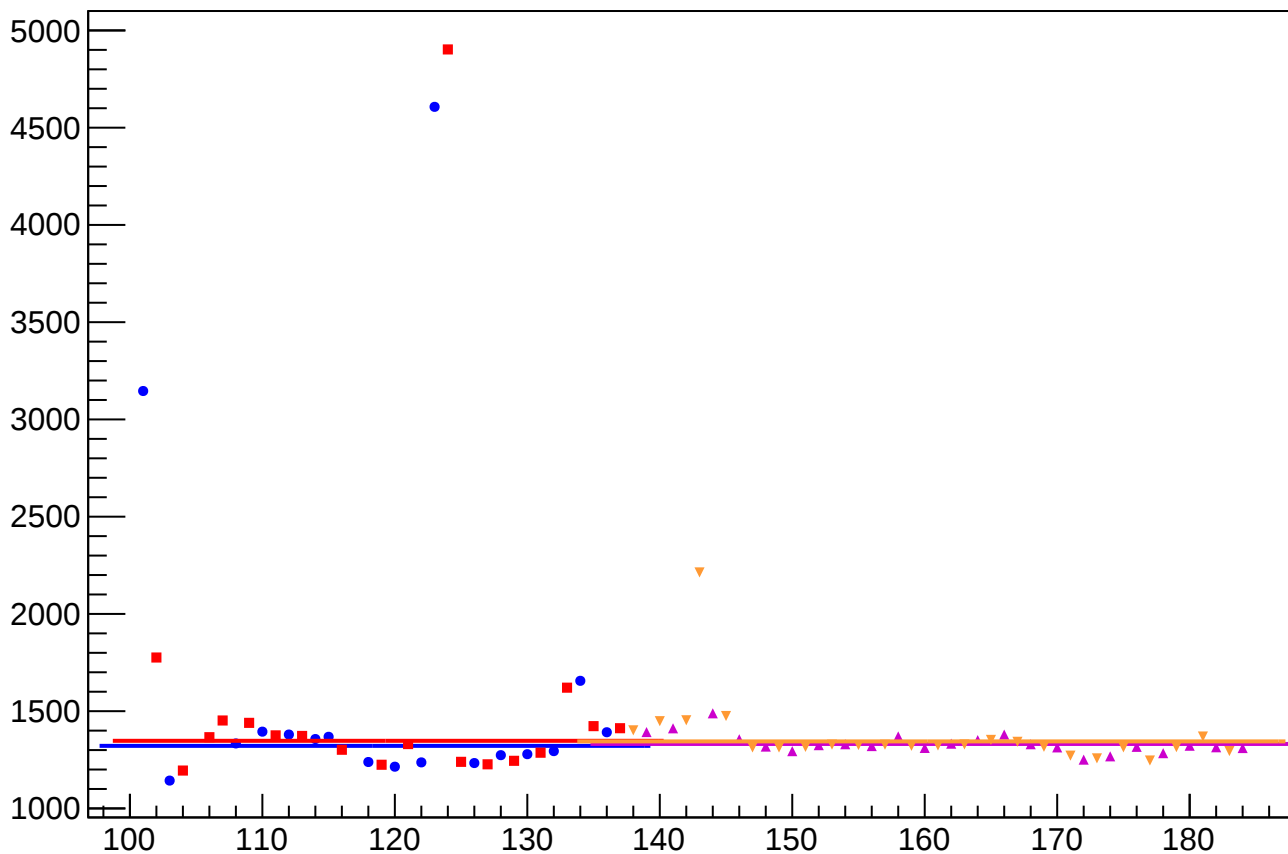
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -347.457+/-271.962 χ^2/NDF : 31.3/39

Out: 179.165+/-271.006 χ^2/NDF : 54.3/41

All: -83.219+/-191.967 χ^2/NDF : 87.5/81

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

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

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

Left In: 1331.511+/-0.225 χ^2/NDF : 46761.5/22

Left: 1338.089+/-0.159 χ^2/NDF : 343993.5/46

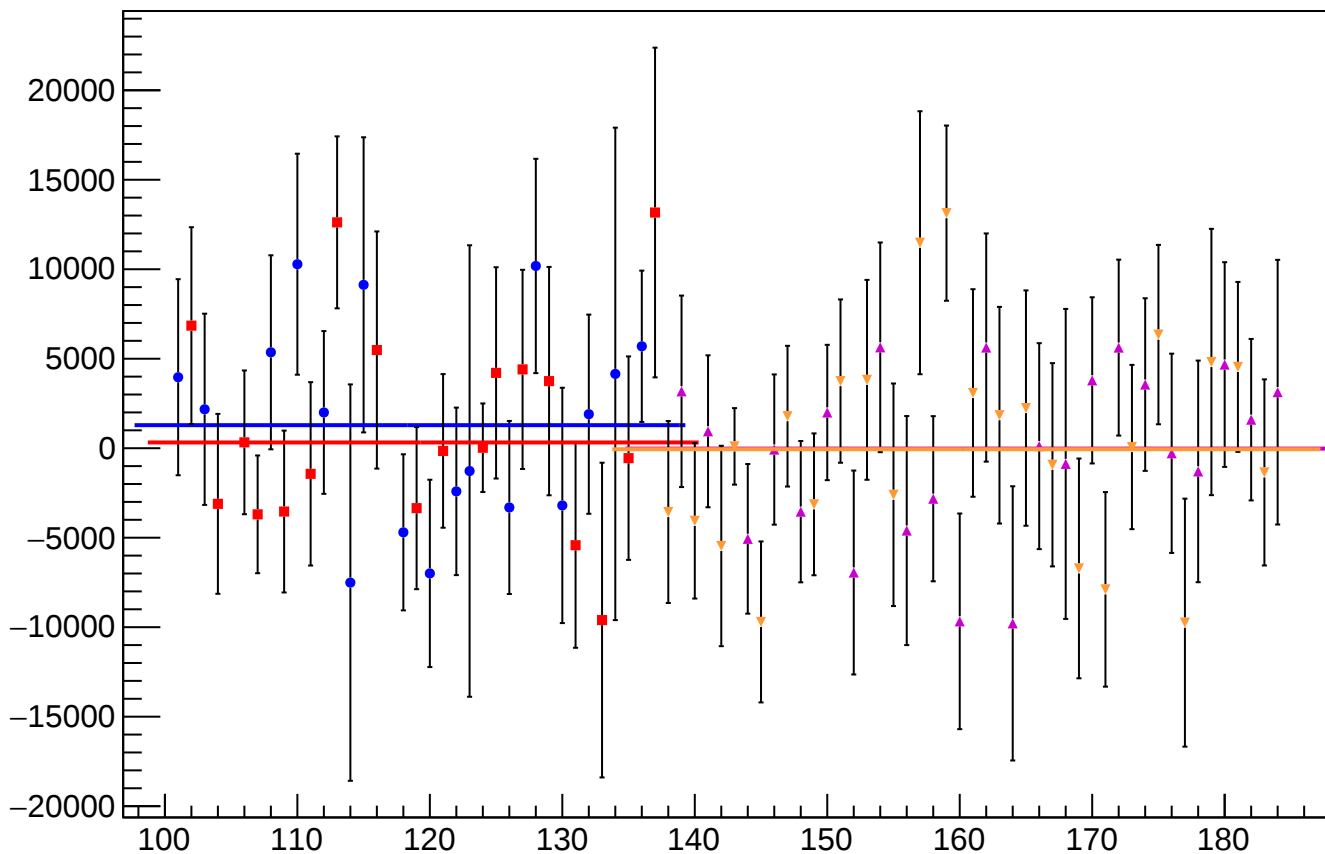
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1328.862+/-0.192 χ^2/NDF : 549520.1/39

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

All: 1337.176+/-0.136 χ^2/NDF : 1135126.4/81

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -56.947+/-968.728 χ^2/NDF : 27.6/23

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

Left In: -21.622+/-1072.272 χ^2/NDF : 14.8/22

Left: -41.072+/-718.821 χ^2/NDF : 42.4/46

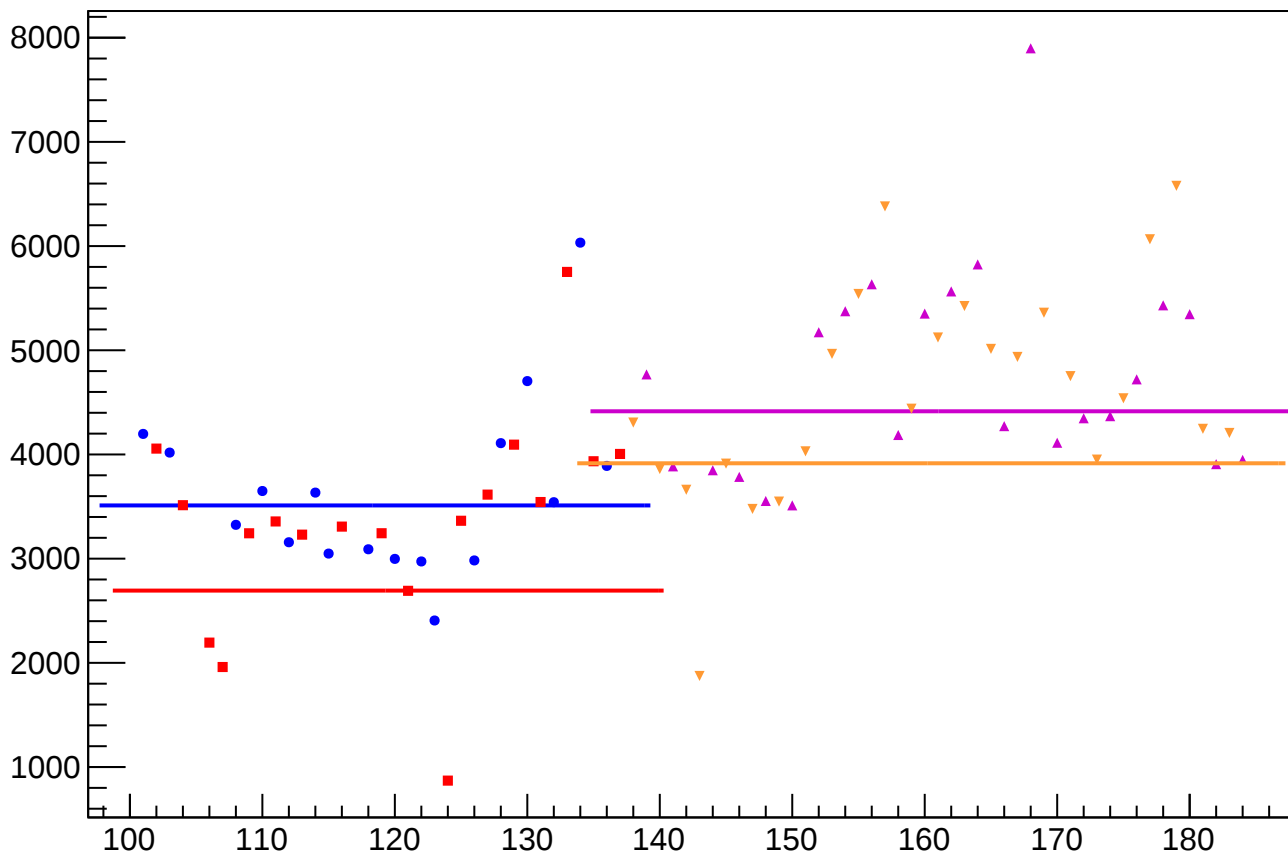
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 473.057+/-845.755 χ^2/NDF : 29.6/39

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

All: 263.181+/-552.011 χ^2/NDF : 75.0/81

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

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

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

Left In: 4414.418 $\pm$ 0.758 χ^2 /NDF:1158672.6/22

Left: 4139.614 $\pm$ 0.508 χ^2 /NDF: 4720959.6/46

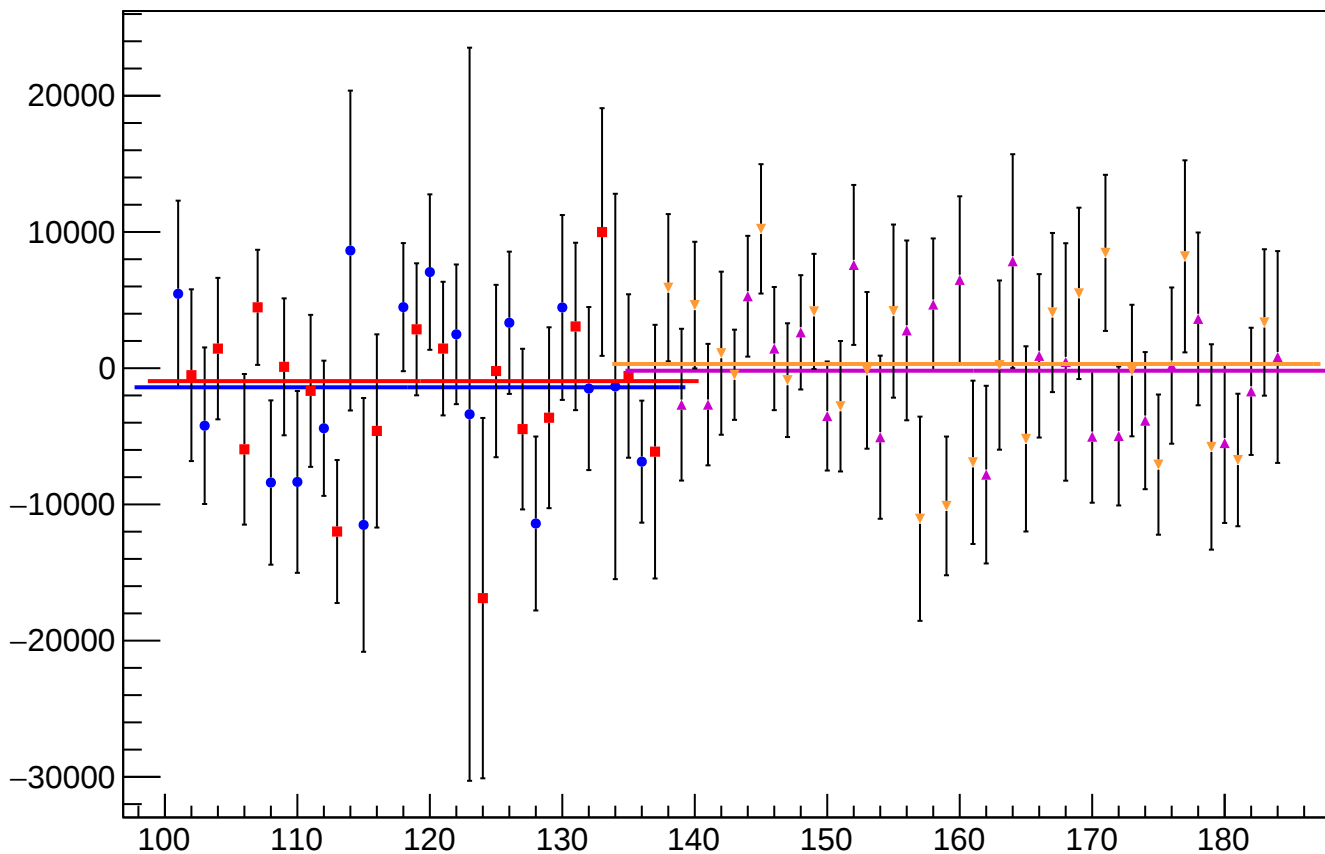
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 4072.965 $\pm$ 0.598 χ^2 /NDF:2039432.3/39

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

All: 3677.882 $\pm$ 0.390 χ^2 /NDF: 9631100.4/81

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

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

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

Left In: -185.280+/-1119.296 χ^2/NDF : 14.3/22

Left: 72.725+/-774.703 χ^2/NDF : 40.6/46

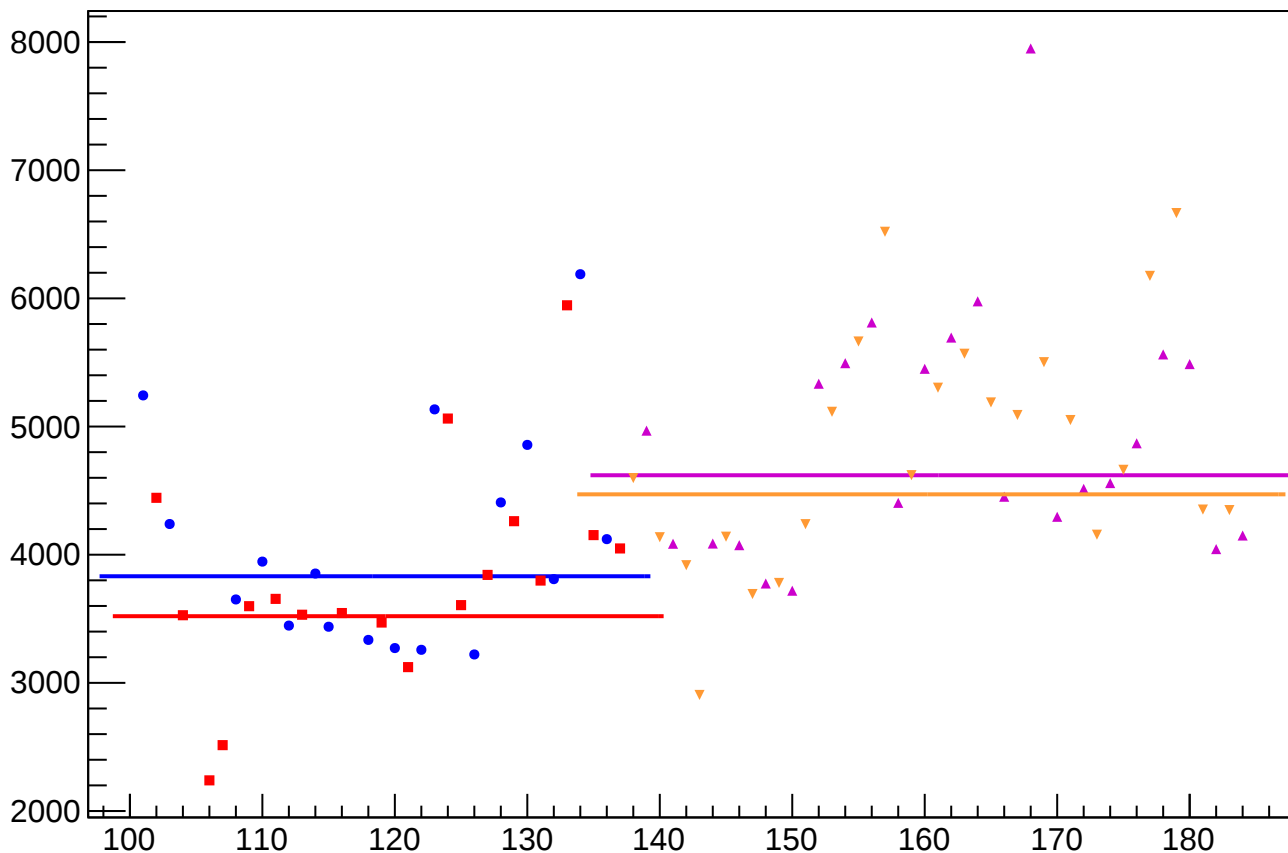
Right: -1155.658+/-1017.952 χ^2/NDF : 28.3/34

In: -618.711+/-897.957 χ^2/NDF : 30.5/39

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

All: -377.798+/-616.480 χ^2/NDF : 69.8/81

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: 4471.023+/-0.759 χ^2/NDF : 1379465.5/23

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

Left In: 4619.952+/-0.791 χ^2/NDF : 1001966.3/22

Left: 4542.368+/-0.548 χ^2/NDF : 2399877.5/46

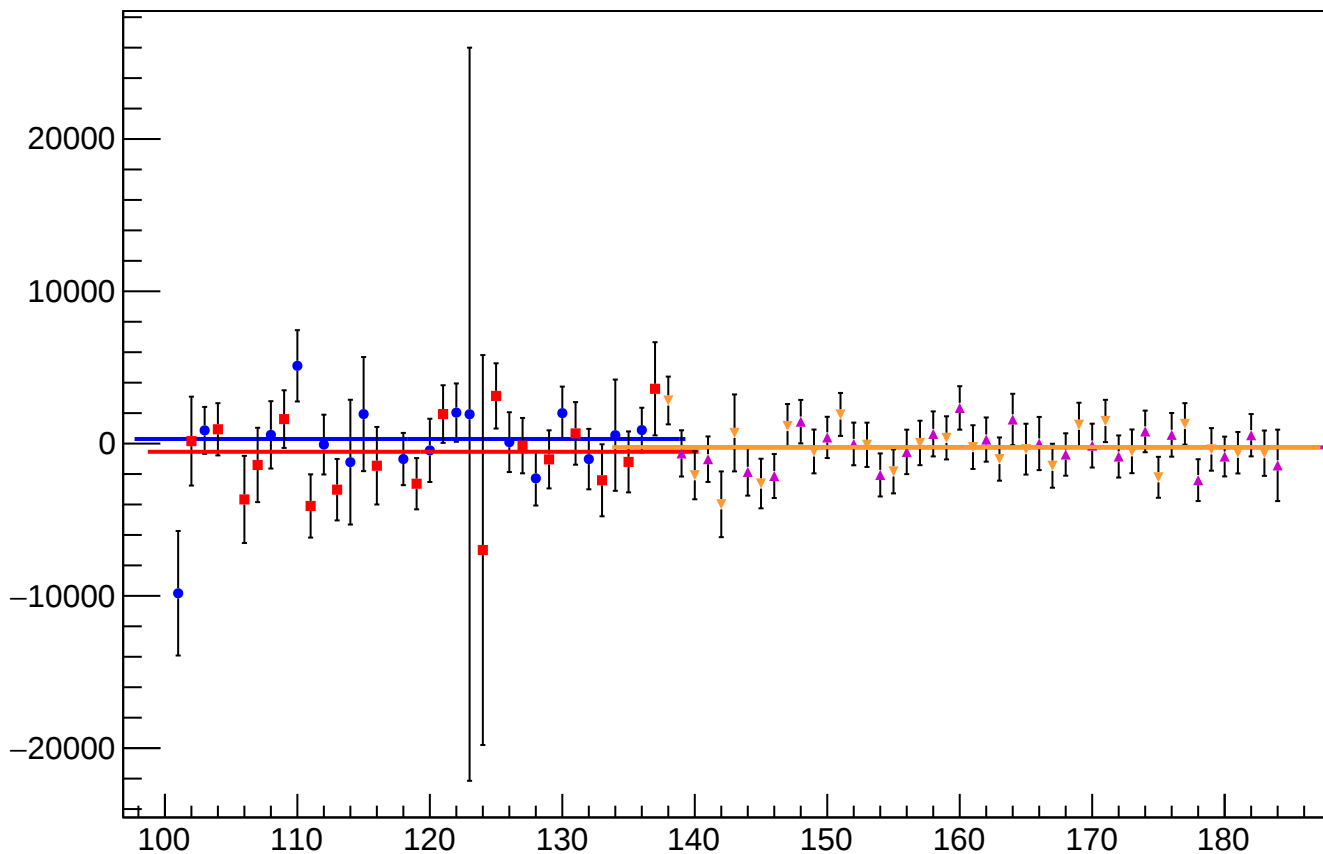
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4339.058+/-0.635 χ^2/NDF : 1693087.2/39

Out: 4109.399+/-0.597 χ^2/NDF : 2520532.7/41

All: 4217.248+/-0.435 χ^2/NDF : 4283008.7/81

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

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

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

Left In: -250.313 ± 305.013 $\chi^2/\text{NDF}: 15.9/22$

Left: -241.579 ± 215.219 $\chi^2/\text{NDF}: 38.3/46$

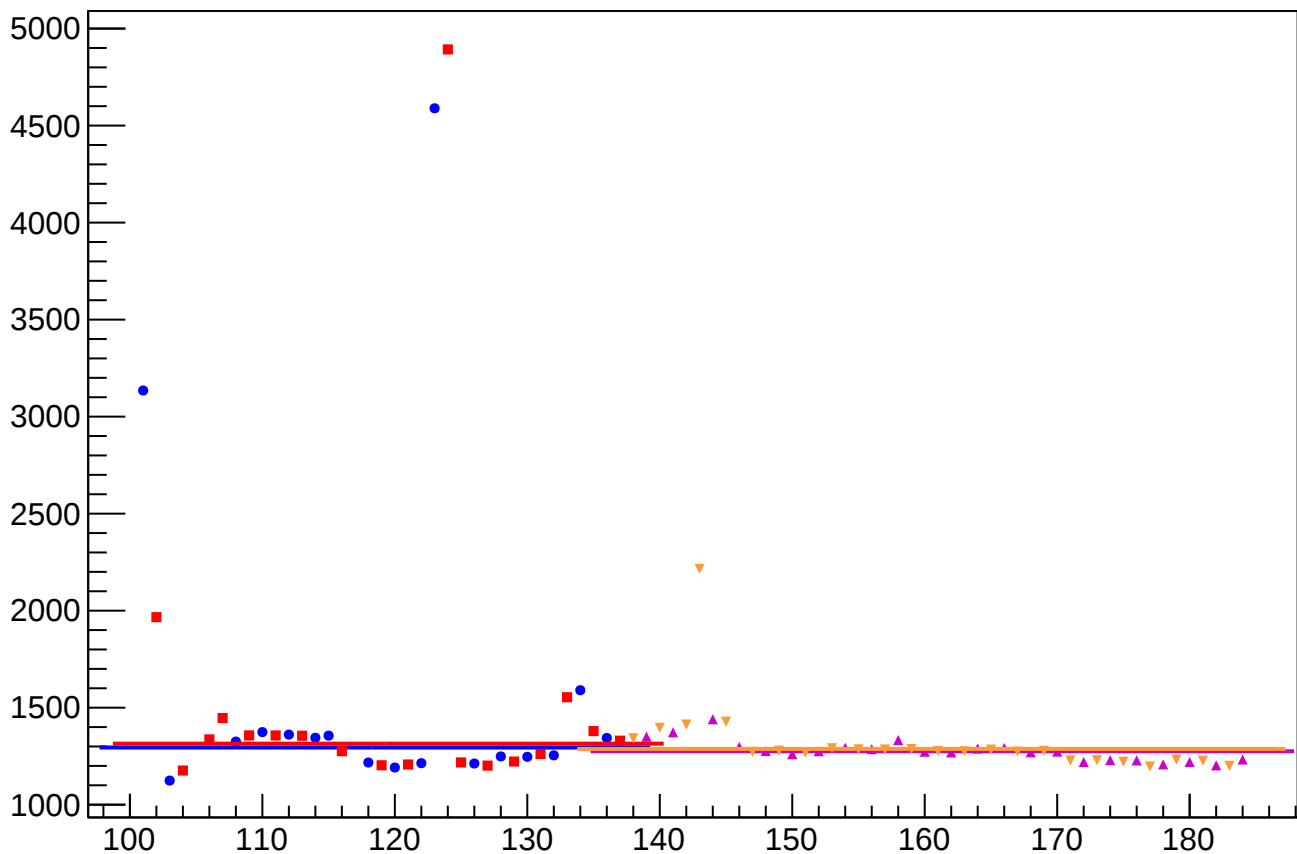
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -105.999 ± 262.151 $\chi^2/\text{NDF}: 32.8/39$

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

All: -210.056 ± 184.881 $\chi^2/\text{NDF}: 73.3/81$

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

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

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

Left In: 1275.546+/-0.216 χ^2/NDF : 62488.3/22

Left: 1281.547+/-0.152 χ^2/NDF : 403360.7/46

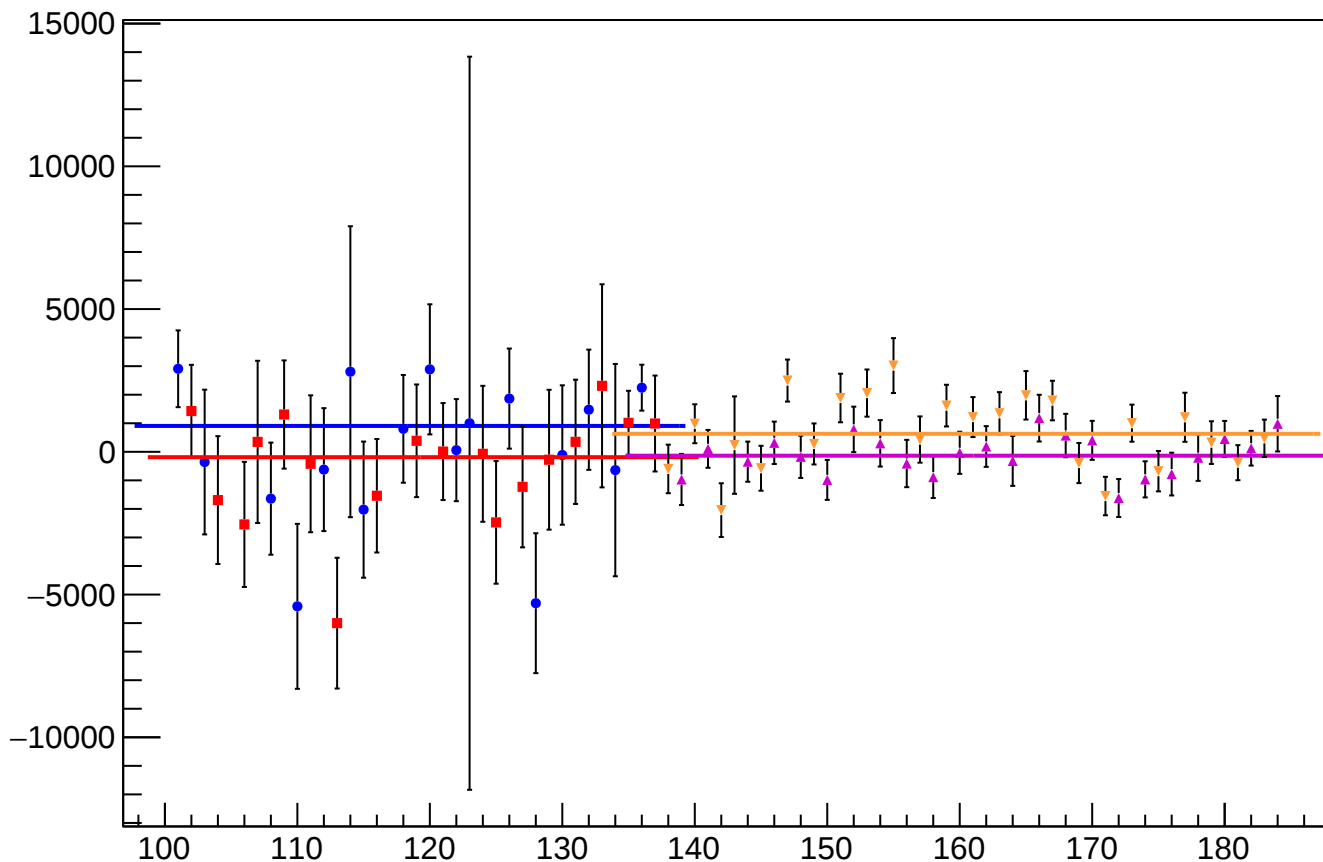
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1280.559+/-0.185 χ^2/NDF : 572359.6/39

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

All: 1287.625+/-0.131 χ^2/NDF : 1252601.3/81

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 631.515 $\pm$ 154.711 χ^2 /NDF:59.5/23

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -135.888 $\pm$ 153.479 χ^2 /NDF:19.8/22

Left: 244.745 $\pm$ 108.959 χ^2 /NDF: 91.7/46

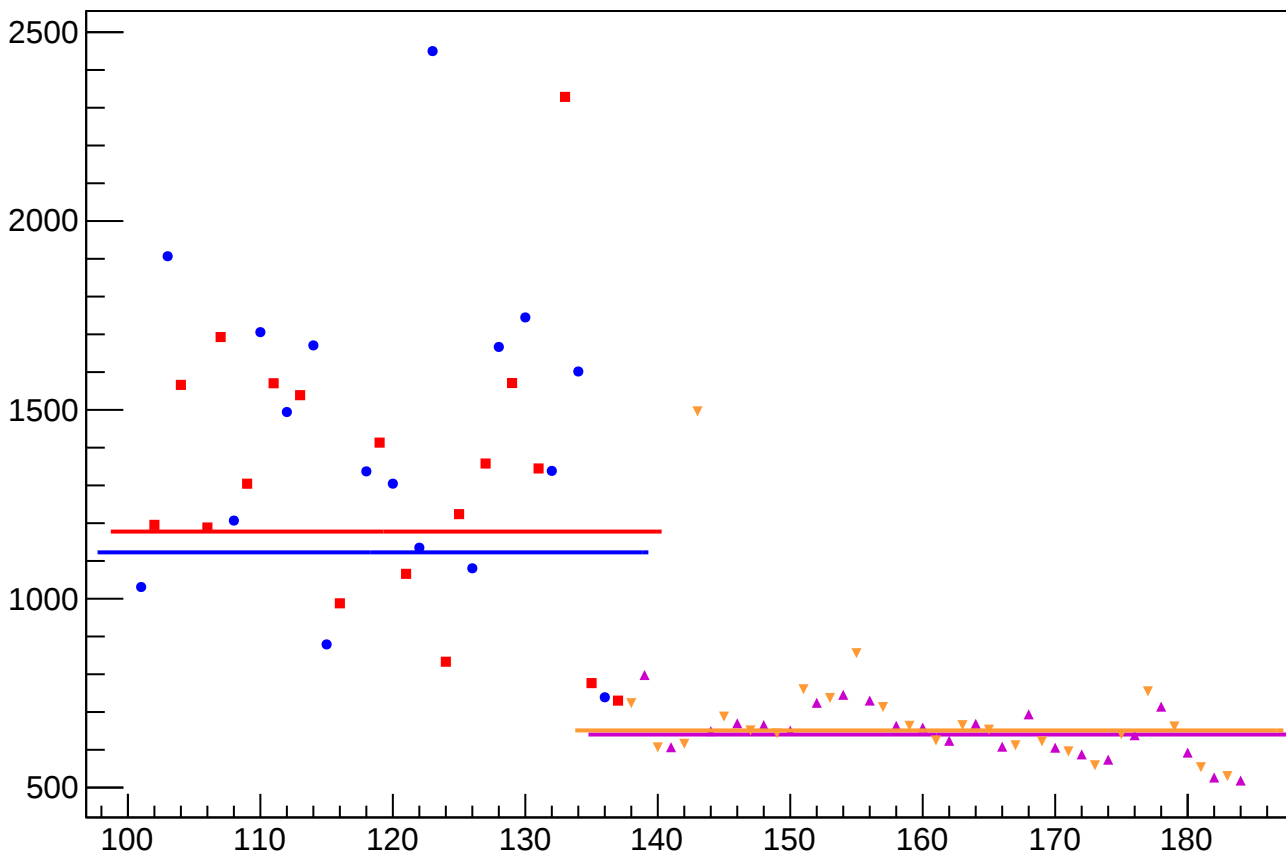
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: -29.733 $\pm$ 145.455 χ^2 /NDF:46.5/39

Out: 549.675 $\pm$ 146.784 χ^2 /NDF:76.1/41

All: 257.336 $\pm$ 103.319 χ^2 /NDF: 130.5/81

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 651.300+/-0.109 χ^2/NDF : 893072.7/23

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

Left In: 640.460+/-0.109 χ^2/NDF : 341526.8/22

Left: 645.837+/-0.077 χ^2/NDF : 1239548.4/46

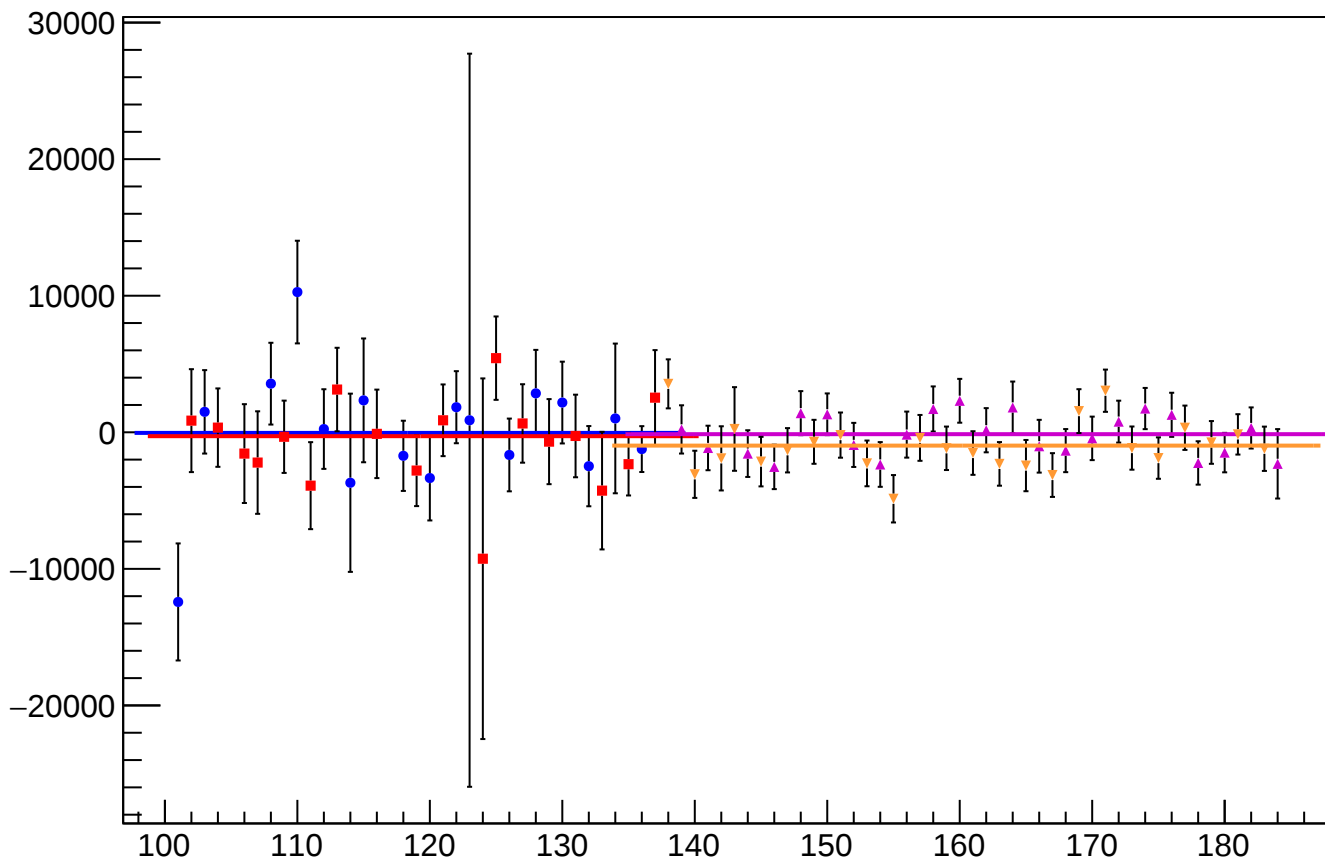
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 689.569+/-0.103 χ^2/NDF : 3540593.4/39

Out: 703.867+/-0.104 χ^2/NDF : 4227380.8/41

All: 696.653+/-0.073 χ^2/NDF : 7777549.4/81

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 $\pm$ 747.588 χ^2/NDF : 23.2/16

Left Out: -975.027 $\pm$ 342.322 χ^2/NDF :28.5/23

Right Out: -285.373 $\pm$ 735.391 χ^2/NDF : 10.6/17

Left In: -137.780 $\pm$ 342.262 χ^2/NDF :18.8/22

Left: -556.330 $\pm$ 242.037 χ^2/NDF : 50.3/46

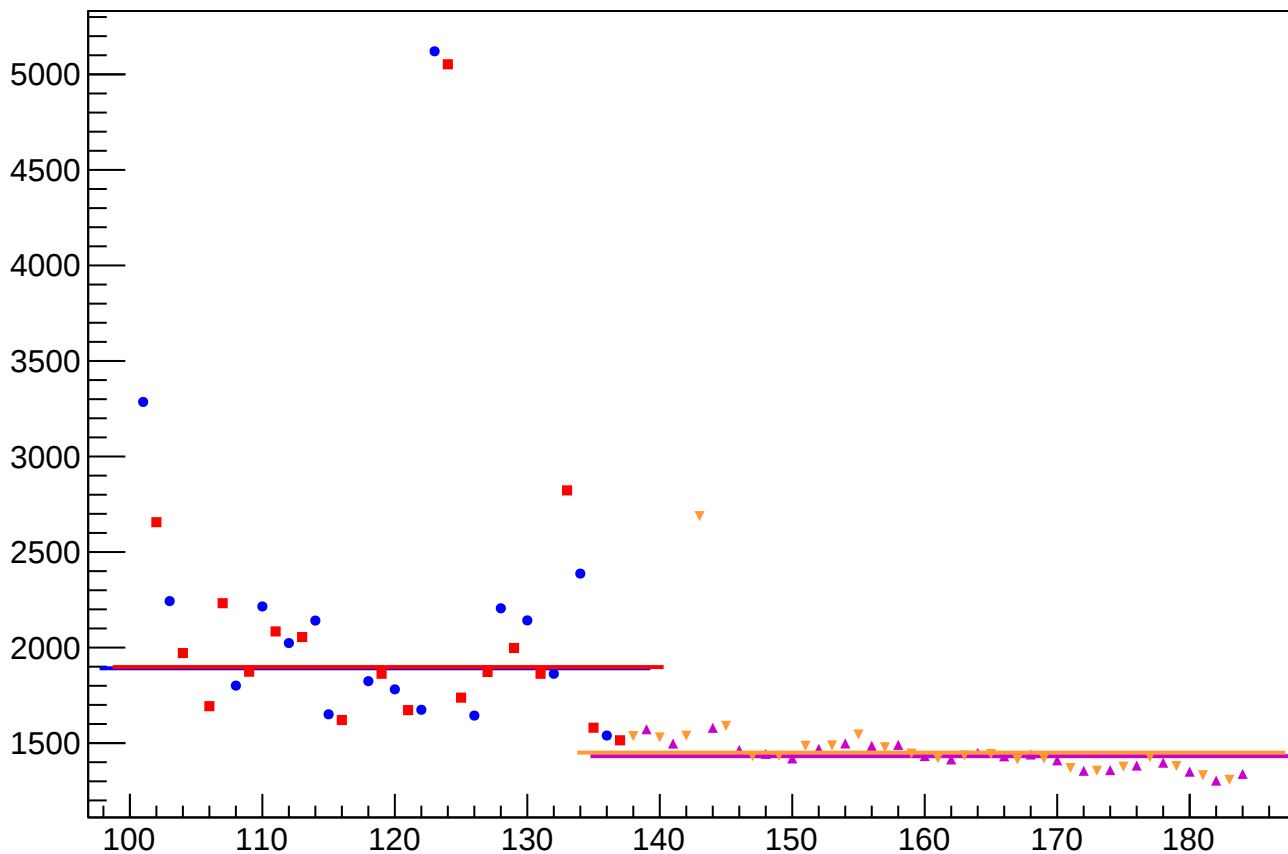
Right: -166.852 $\pm$ 524.259 χ^2/NDF : 33.9/34

In: -121.593 $\pm$ 311.198 χ^2/NDF :42.0/39

Out: -852.202 $\pm$ 310.345 χ^2/NDF :39.8/41

All: -487.900 $\pm$ 219.748 χ^2/NDF : 84.6/81

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1450.243 $\pm$ 0.242 χ^2 /NDF: 411895.3/23

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

Left: 1440.951 $\pm$ 0.171 χ^2 /NDF: 492634.3/46

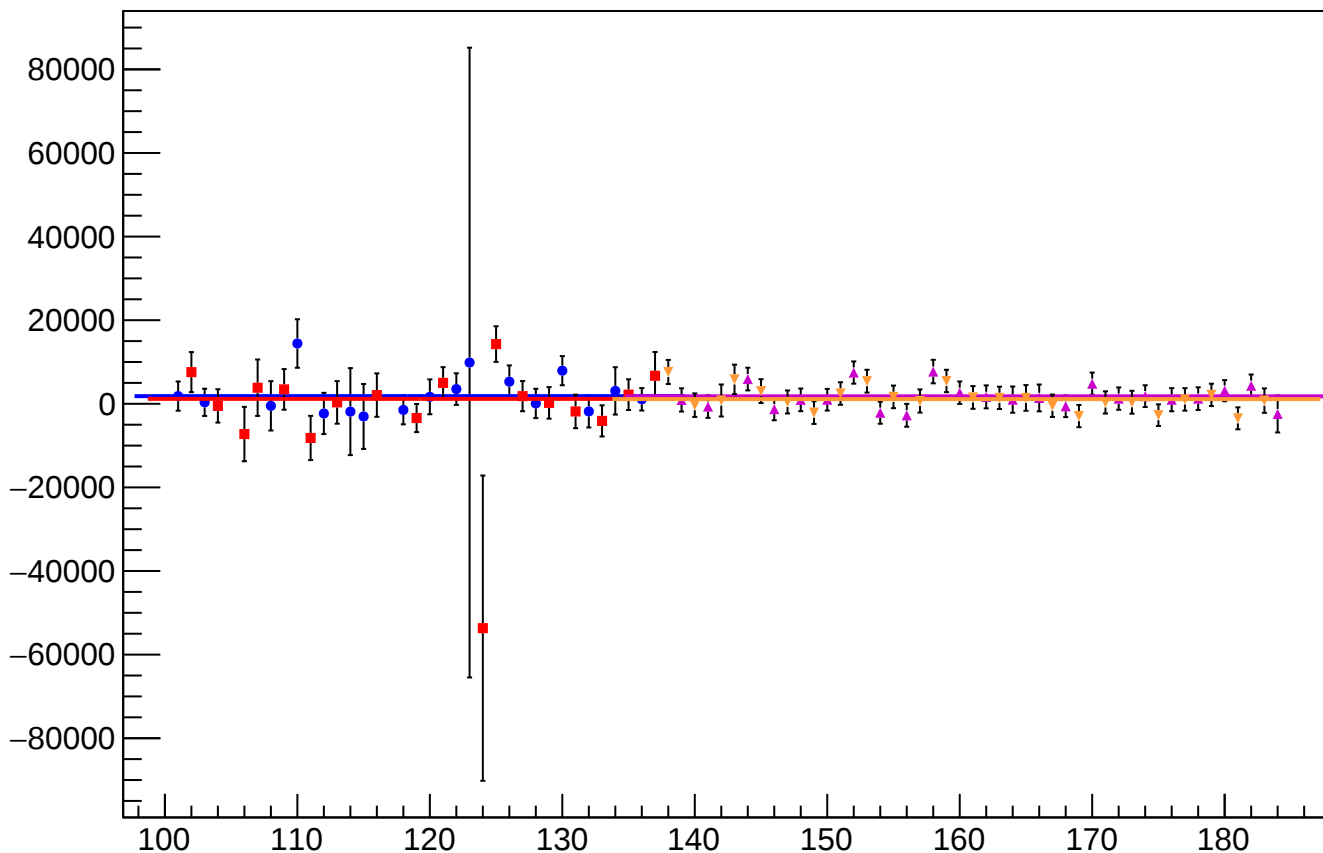
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1511.374 $\pm$ 0.220 χ^2 /NDF: 1172907.7/39

Out: 1529.990 $\pm$ 0.219 χ^2 /NDF: 1445027.6/41

All: 1520.708 $\pm$ 0.155 χ^2 /NDF: 2621523.9/81

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1123.883 $\pm$ 568.554 χ^2/NDF : 22.8/23

Right Out: 1182.804 $\pm$ 1049.924 χ^2/NDF : 25.5/17

Left In: 1782.787 $\pm$ 574.111 χ^2/NDF : 23.3/22

Left: 1450.130 $\pm$ 403.979 χ^2/NDF : 46.7/46

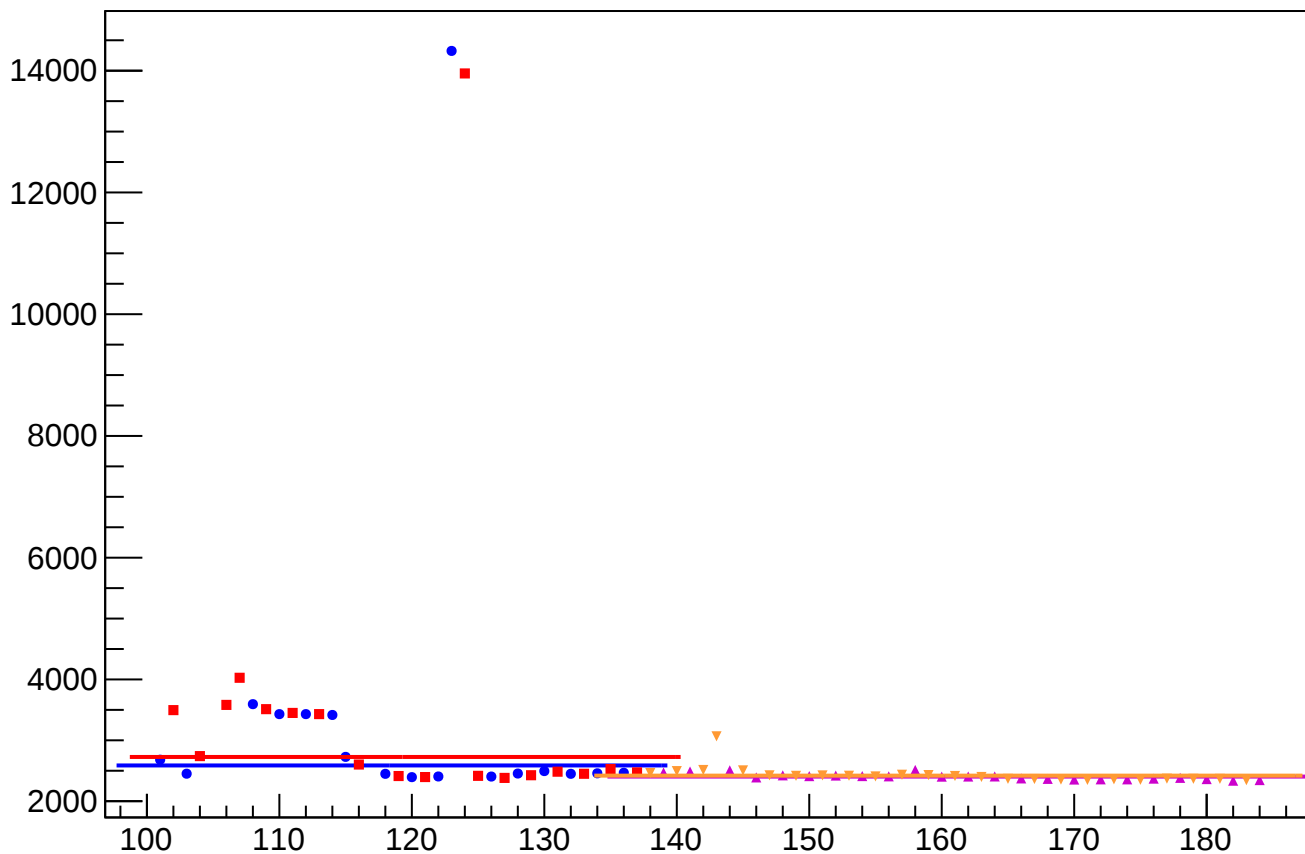
Right: 1516.312 $\pm$ 727.946 χ^2/NDF : 38.2/34

In: 1793.103 $\pm$ 499.133 χ^2/NDF : 35.9/39

Out: 1137.243 $\pm$ 499.956 χ^2/NDF : 48.2/41

All: 1465.713 $\pm$ 353.231 χ^2/NDF : 85.0/81

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2419.781+/-0.402 χ^2/NDF : 82397.9/23

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2404.189+/-0.406 χ^2/NDF : 14231.7/22

Left: 2412.061+/-0.286 χ^2/NDF : 97374.4/46

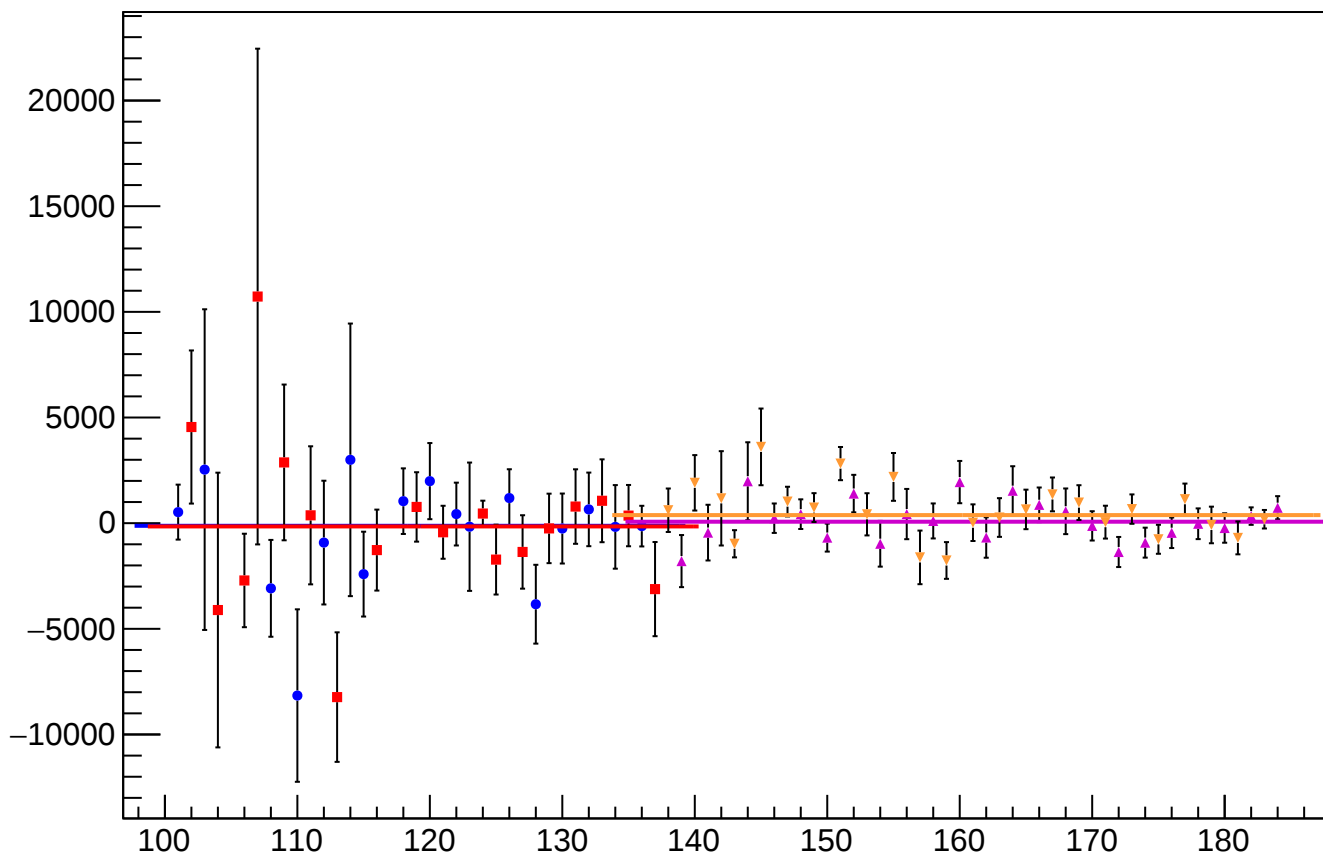
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2448.815+/-0.353 χ^2/NDF : 317842.1/39

Out: 2489.320+/-0.354 χ^2/NDF : 795193.1/41

All: 2469.034+/-0.250 χ^2/NDF : 1119609.6/81

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 381.895+/-165.436 χ^2/NDF : 39.9/23

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 69.054+/-161.241 χ^2/NDF : 24.0/22

Left: 221.458+/-115.469 χ^2/NDF : 65.7/46

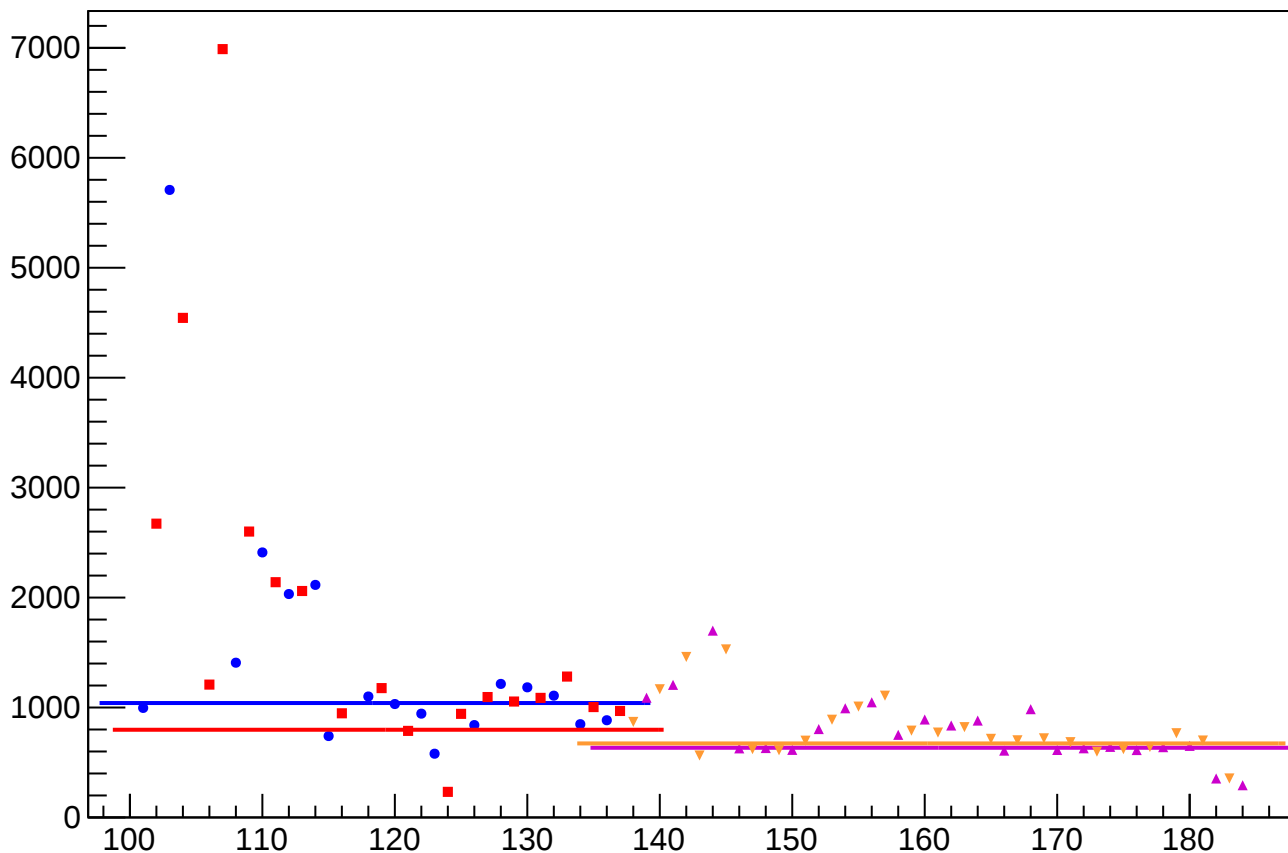
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: 45.271+/-151.009 χ^2/NDF : 38.8/39

Out: 296.763+/-151.743 χ^2/NDF : 59.1/41

All: 170.407+/-107.038 χ^2/NDF : 99.3/81

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 673.337+/-0.117 χ^2/NDF : 2884476.1/23

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

Left In: 633.854+/-0.114 χ^2/NDF : 4111957.5/22

Left: 653.089+/-0.082 χ^2/NDF : 7054855.4/46

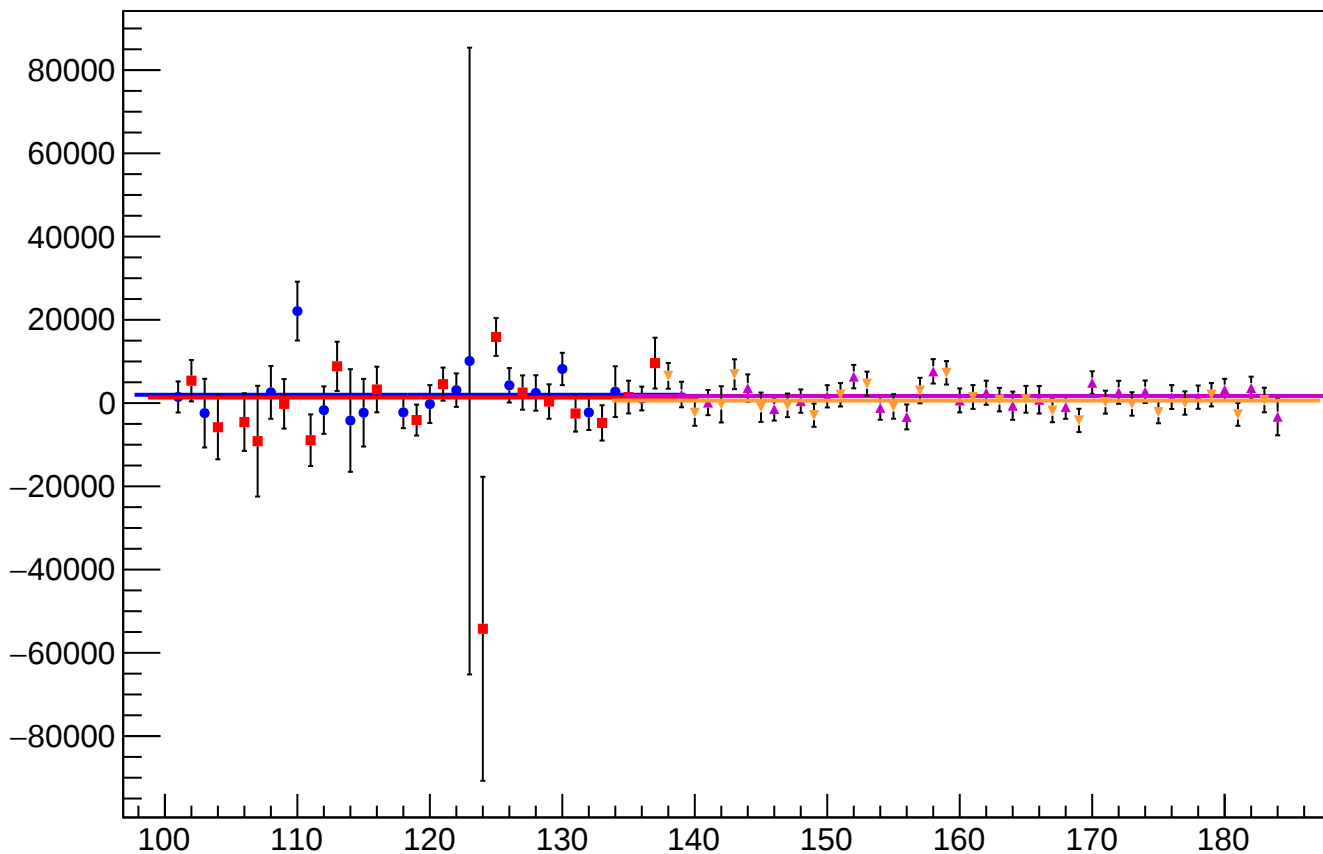
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 683.860+/-0.107 χ^2/NDF : 7250297.2/39

Out: 693.077+/-0.107 χ^2/NDF : 8238247.7/41

All: 688.446+/-0.076 χ^2/NDF : 15492251.8/83

asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 611.128+/-601.707 χ^2/NDF : 25.0/23

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1713.317+/-607.775 χ^2/NDF : 18.1/22

Left: 1156.692+/-427.600 χ^2/NDF : 44.7/46

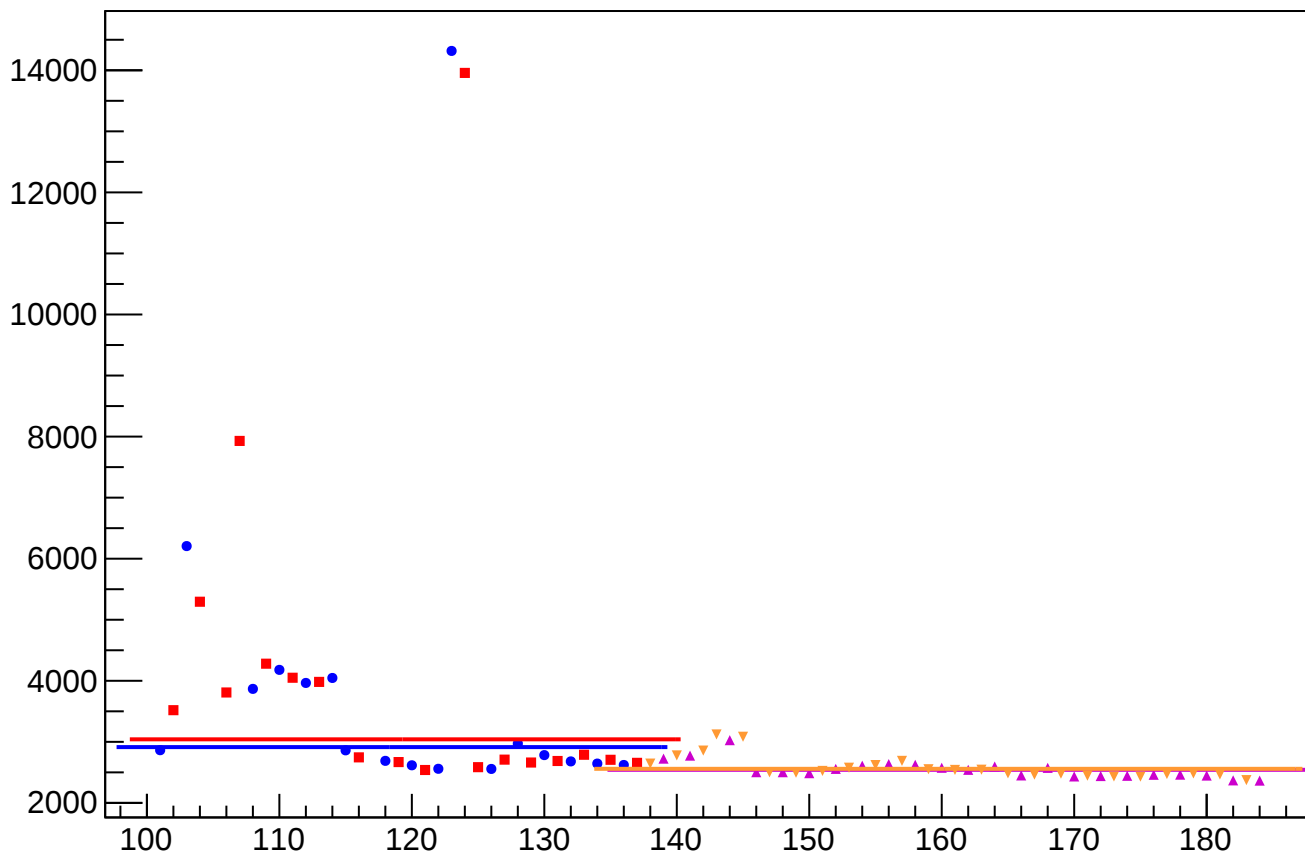
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1774.670+/-537.860 χ^2/NDF : 33.0/39

Out: 758.113+/-537.308 χ^2/NDF : 52.8/41

All: 1265.870+/-380.129 χ^2/NDF : 87.6/81

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2558.130+/-0.425 χ^2/NDF : 151781.1/23

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2541.950+/-0.430 χ^2/NDF : 97238.4/22

Left: 2550.121+/-0.302 χ^2/NDF : 249735.3/46

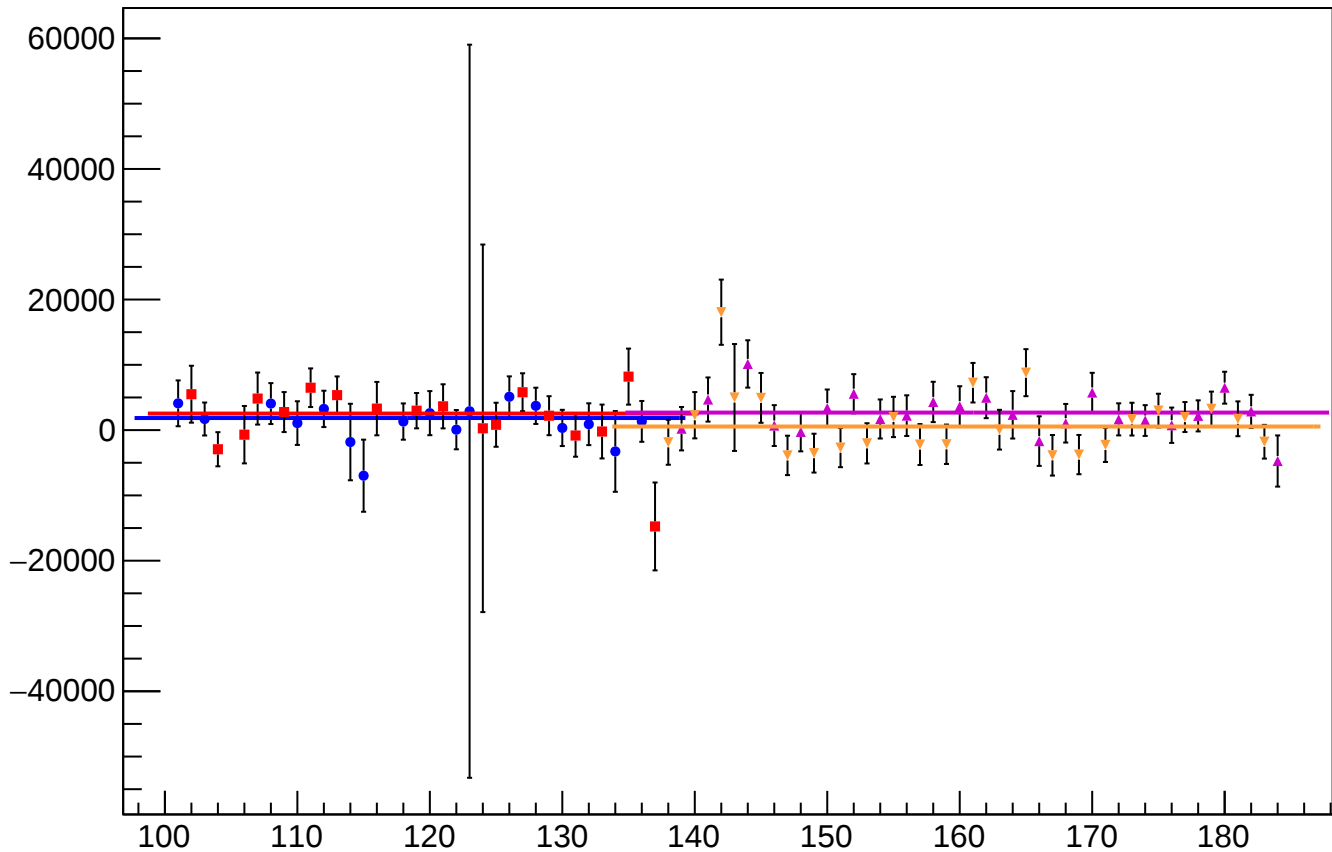
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2622.597+/-0.380 χ^2/NDF : 898624.3/39

Out: 2656.004+/-0.380 χ^2/NDF : 1416559.6/41

All: 2639.318+/-0.269 χ^2/NDF : 2319045.8/81

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 550.108+/-616.540 χ^2/NDF : 41.3/23

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 2684.095+/-614.666 χ^2/NDF : 18.2/22

Left: 1620.349+/-435.296 χ^2/NDF : 65.5/46

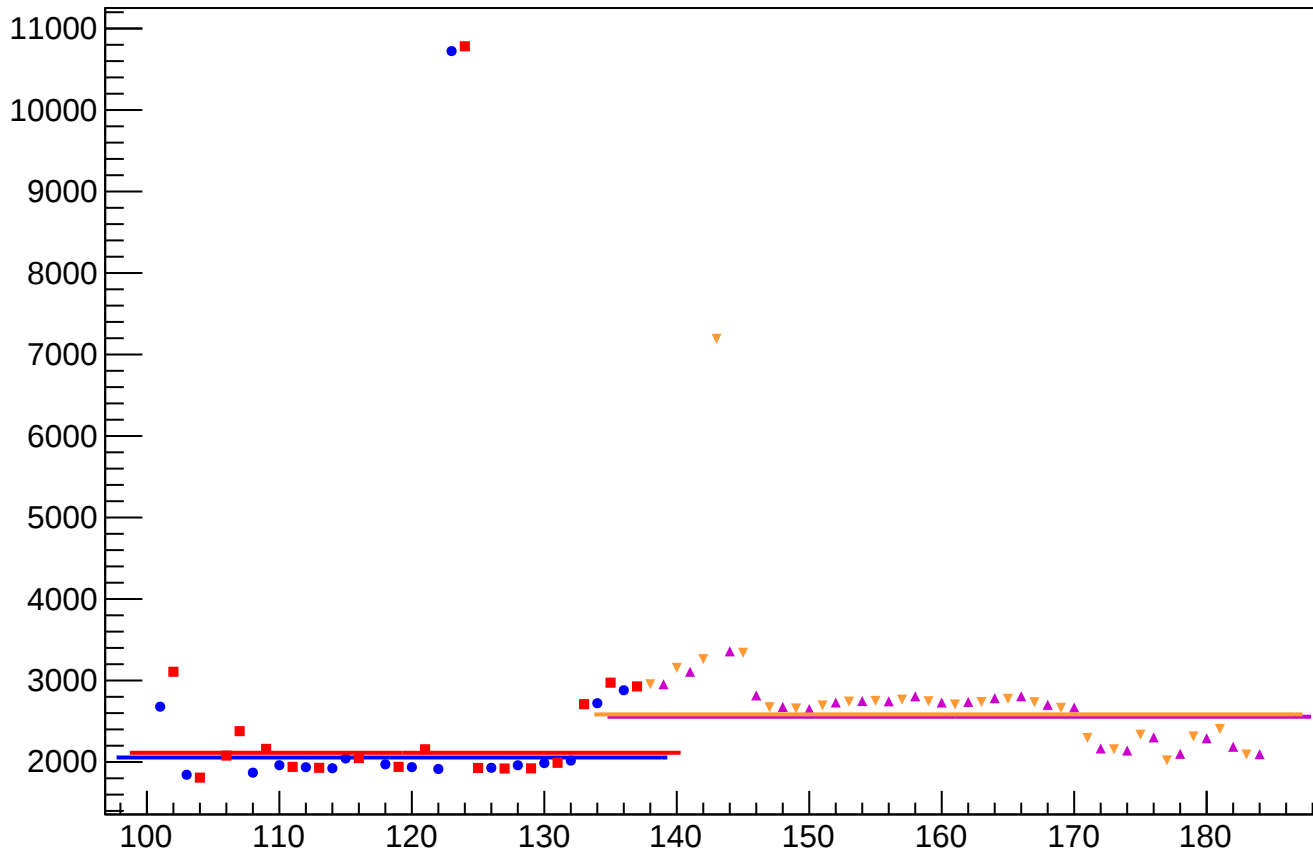
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2377.781+/-488.927 χ^2/NDF : 26.2/39

Out: 1267.775+/-492.640 χ^2/NDF : 65.1/41

All: 1826.977+/-347.029 χ^2/NDF : 93.8/81

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2584.366 $\pm$ 0.436 χ^2/NDF : 1198069.5/23

Right Out: 2113.304 $\pm$ 0.578 χ^2/NDF : 532006.4/17

Left In: 2555.439 $\pm$ 0.435 χ^2/NDF : 568401.2/22

Left: 2569.858 $\pm$ 0.308 χ^2/NDF : 1768678.7/46

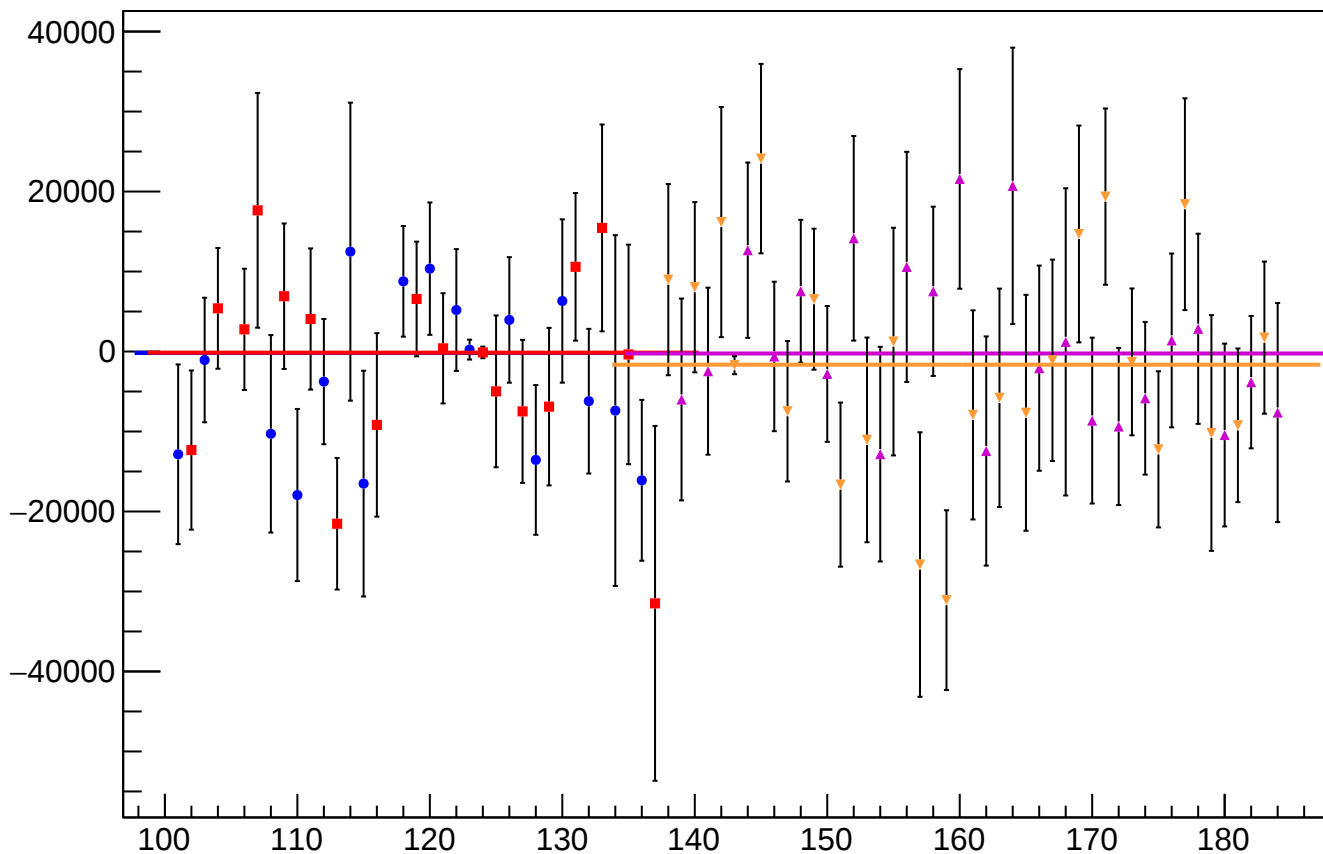
Right: 2083.972 $\pm$ 0.406 χ^2/NDF : 853461.4/34

In: 2371.800 $\pm$ 0.346 χ^2/NDF : 1370831.5/39

Out: 2413.733 $\pm$ 0.348 χ^2/NDF : 2152984.0/41

All: 2392.620 $\pm$ 0.245 χ^2/NDF : 3531119.6/83

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1647.649+/-1015.277 χ^2/NDF : 31.2/23

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: -245.792+/-2336.154 χ^2/NDF : 13.7/22

Left: -1424.942+/-931.145 χ^2/NDF : 45.2/46

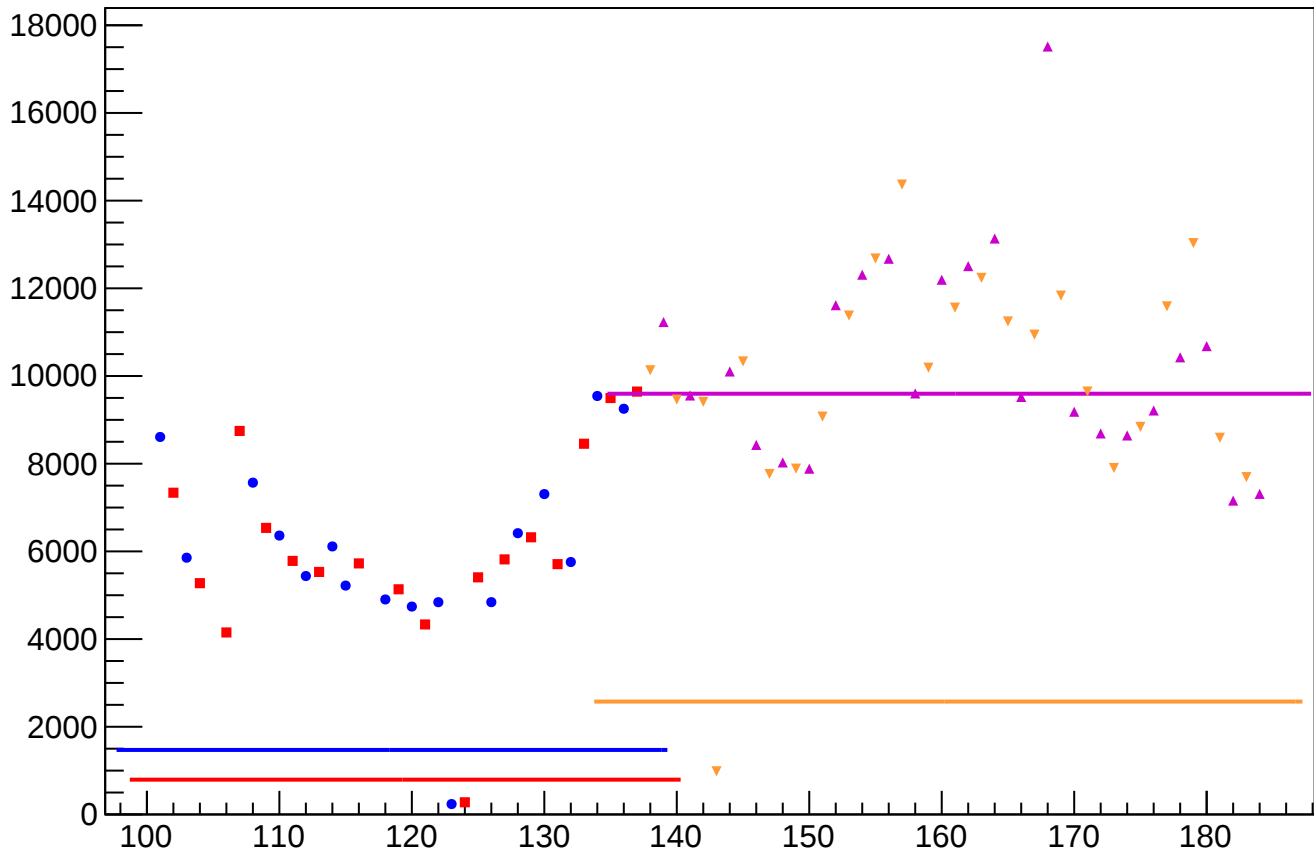
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: -196.246+/-995.774 χ^2/NDF : 30.1/39

Out: -618.588+/-571.234 χ^2/NDF : 51.7/41

All: -514.015+/-495.494 χ^2/NDF : 81.9/81

asym_atl2_correction_rms vs Slug, Sign Corrected



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

Left Out: 2574.655+/-0.718 χ^2/NDF : 23161760.3/23

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

Left In: 9596.259+/-1.652 χ^2/NDF : 1313330.2/22

Left: 3690.150+/-0.658 χ^2/NDF : 39672332.0/46

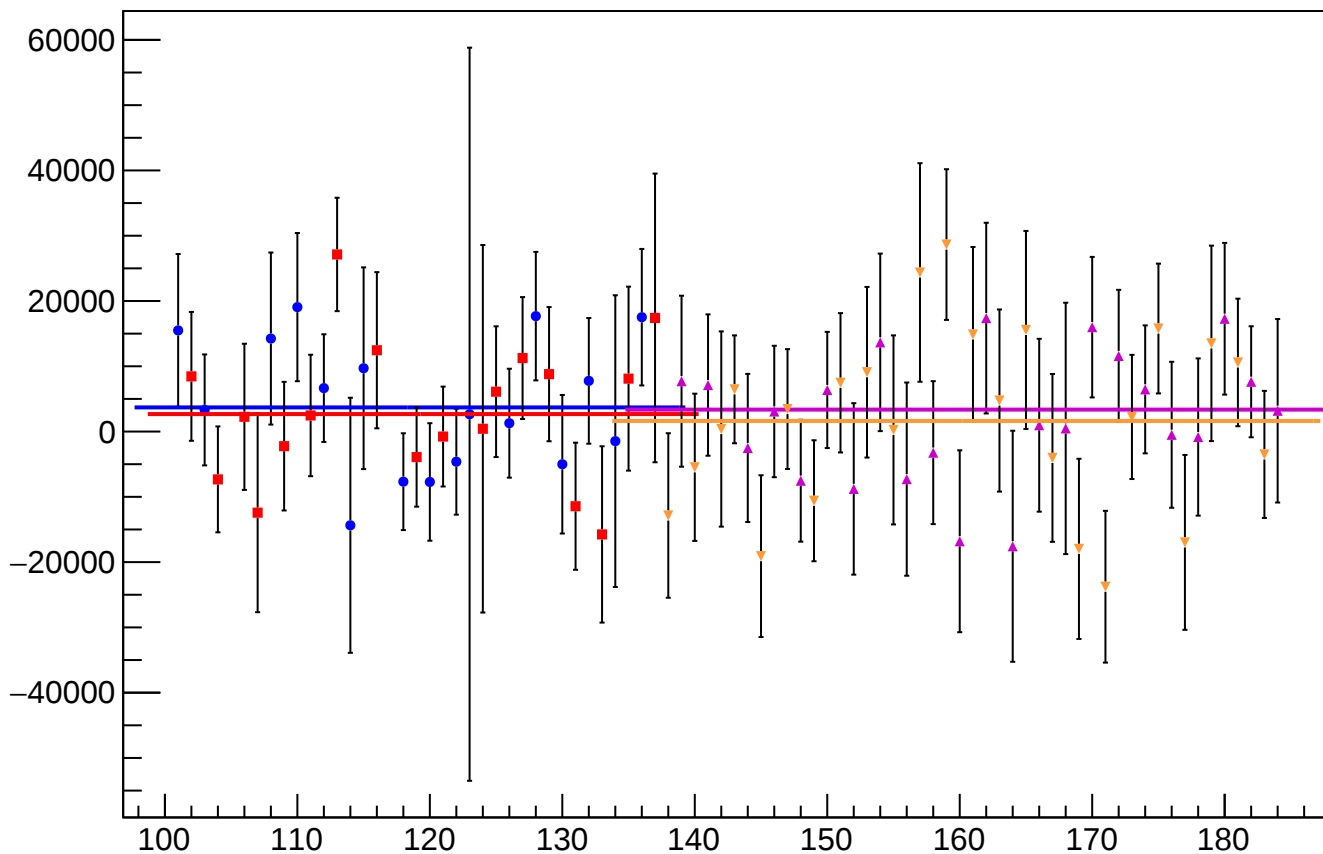
Right: 985.285+/-0.414 χ^2/NDF : 21755031.4/34

In: 2947.733+/-0.704 χ^2/NDF : 30896652.0/39

Out: 1357.456+/-0.404 χ^2/NDF : 38790501.4/41

All: 1751.213+/-0.350 χ^2/NDF : 73525124.0/8

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 1624.440+/-2358.421 χ^2/NDF : 29.2/23

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 3362.489+/-2413.842 χ^2/NDF : 12.8/22

Left: 2473.283+/-1686.908 χ^2/NDF : 42.3/46

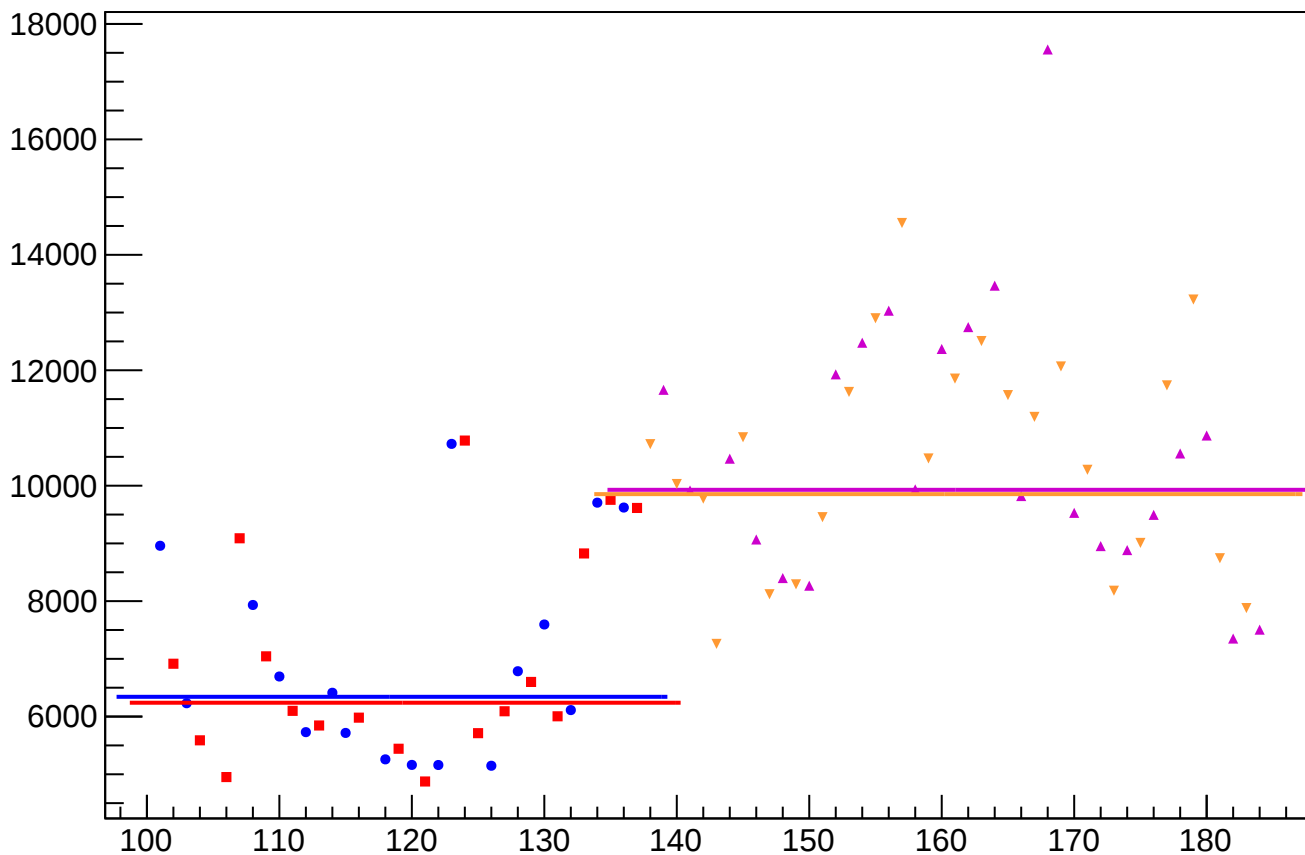
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 3523.376+/-1742.486 χ^2/NDF : 27.2/39

Out: 2136.487+/-1691.938 χ^2/NDF : 47.8/41

All: 2809.523+/-1213.858 χ^2/NDF : 75.3/81

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9853.864+/-1.668 χ^2/NDF : 1183169.6/23

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

Left: 9890.394+/-1.193 χ^2/NDF : 2404957.0/46

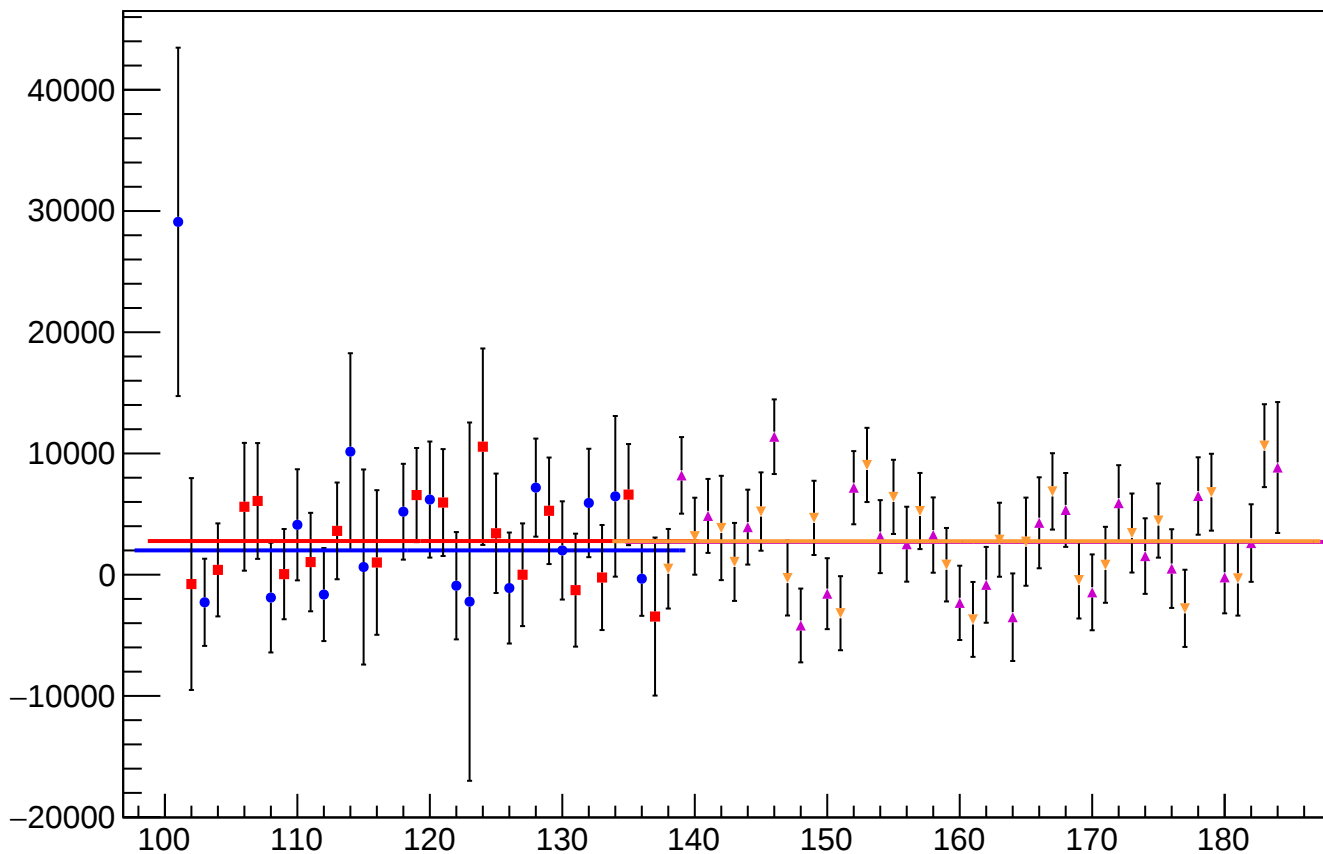
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 8211.158+/-1.232 χ^2/NDF : 3928746.8/39

Out: 8099.720+/-1.196 χ^2/NDF : 3992006.6/41

All: 8153.798+/-0.858 χ^2/NDF : 7924963.9/81

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2759.609 $\pm$ 650.815 χ^2 /NDF:32.0/23

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 2701.503 $\pm$ 662.221 χ^2 /NDF:36.1/22

Left: 2731.061 $\pm$ 464.176 χ^2 /NDF: 68.1/46

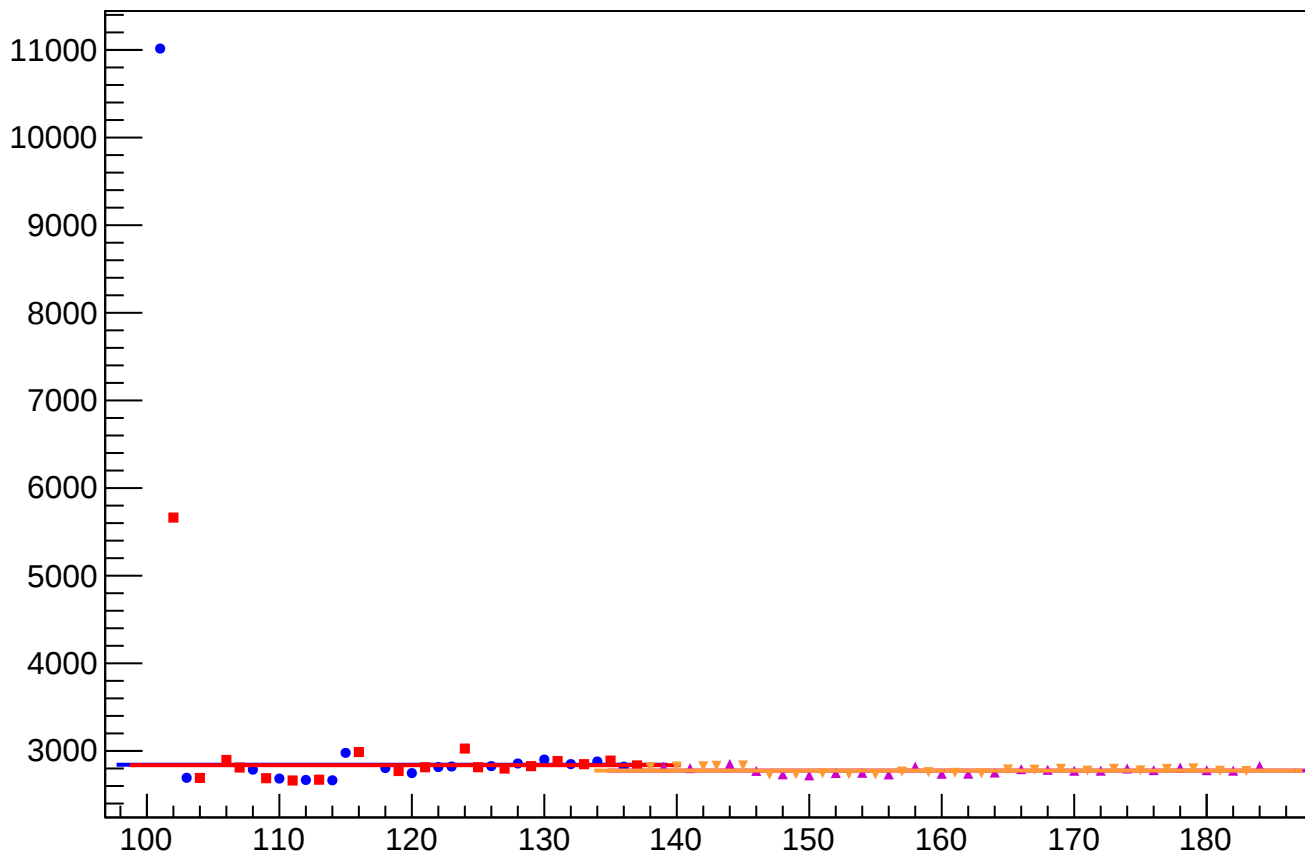
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 2522.266 $\pm$ 570.746 χ^2 /NDF:50.0/39

Out: 2763.946 $\pm$ 558.357 χ^2 /NDF:40.4/41

All: 2645.758 $\pm$ 399.126 χ^2 /NDF: 90.5/81

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2775.890+/-0.460 χ^2/NDF : 4885.0/23

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2776.013+/-0.468 χ^2/NDF : 5154.3/22

Left: 2775.950+/-0.328 χ^2/NDF : 10039.4/46

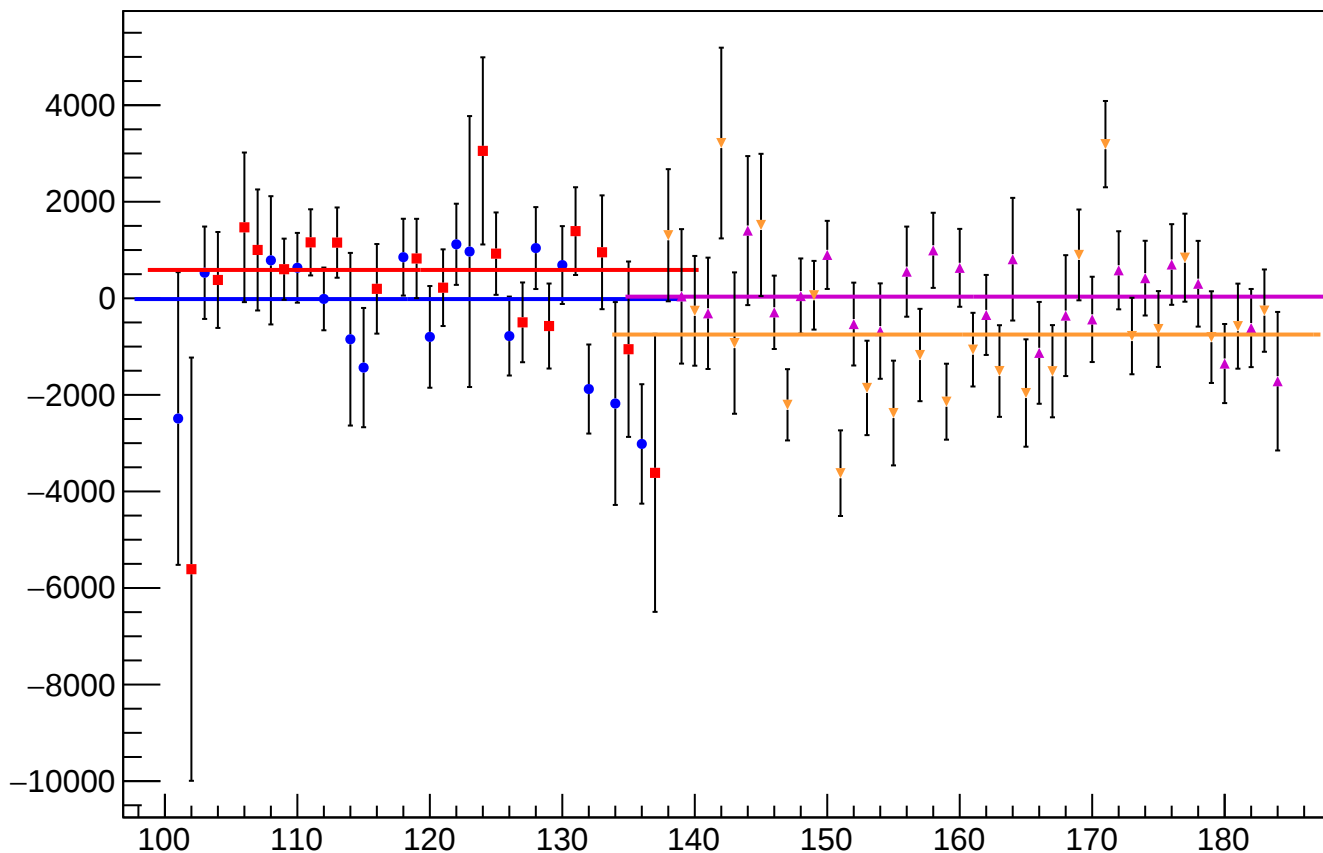
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2793.145+/-0.404 χ^2/NDF : 670664.5/39

Out: 2792.135+/-0.395 χ^2/NDF : 236028.4/41

All: 2792.629+/-0.282 χ^2/NDF : 906696.1/81

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -750.226 $\pm$ 190.736 χ^2/NDF : 60.0/23

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 34.290 $\pm$ 188.671 χ^2/NDF : 14.5/22

Left: -353.698 $\pm$ 134.134 χ^2/NDF : 83.1/46

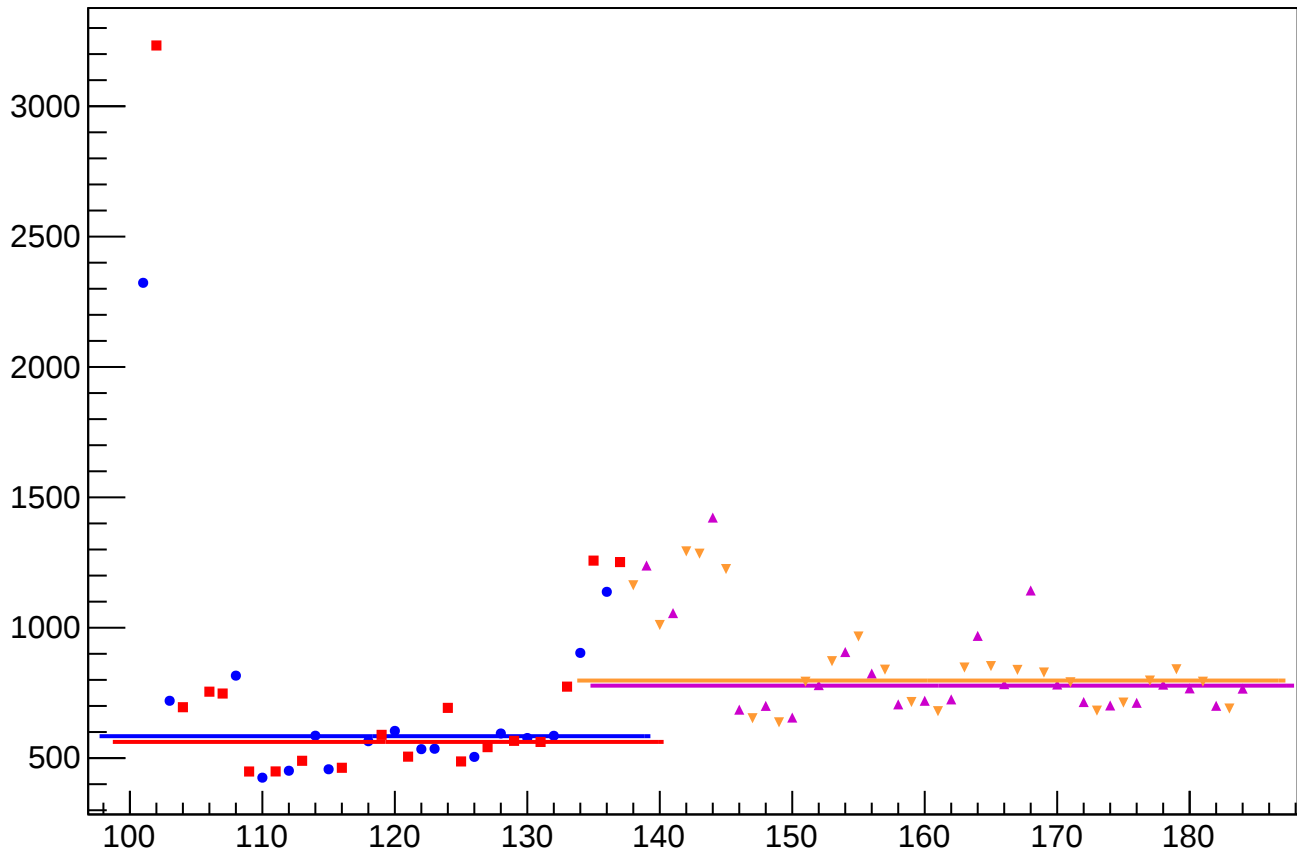
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 15.111 $\pm$ 148.056 χ^2/NDF : 36.1/39

Out: -193.168 $\pm$ 145.712 χ^2/NDF : 93.8/41

All: -90.690 $\pm$ 103.853 χ^2/NDF : 131.0/81

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 797.447+/-0.135 χ^2/NDF : 1157358.7/23

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 777.887+/-0.133 χ^2/NDF : 1145609.7/22

Left: 787.561+/-0.095 χ^2/NDF : 2313599.9/46

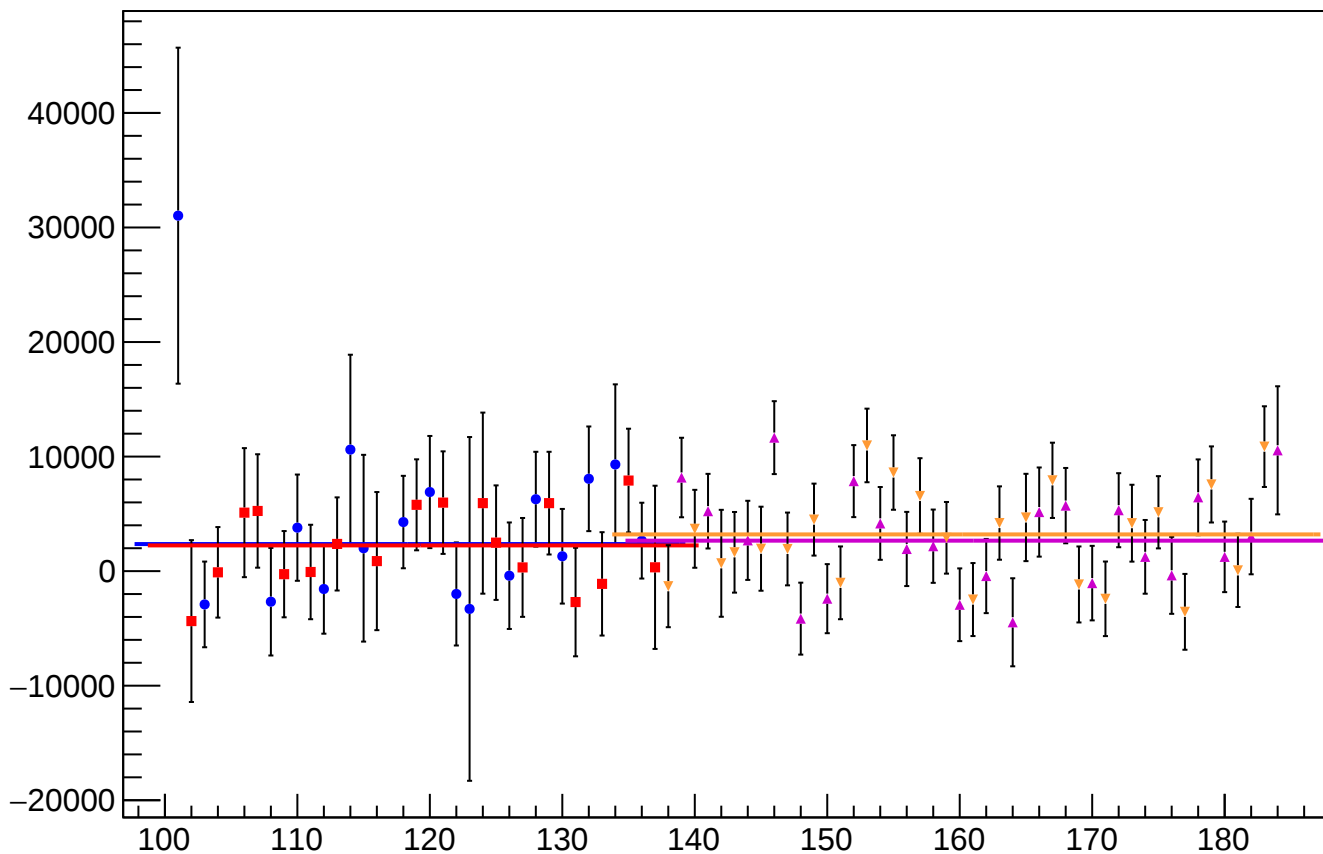
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 703.417+/-0.105 χ^2/NDF : 3393231.6/39

Out: 699.461+/-0.103 χ^2/NDF : 3950313.5/41

All: 701.407+/-0.073 χ^2/NDF : 7344270.5/81

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3206.013+/-683.095 χ^2/NDF : 36.2/23

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 2659.828+/-693.121 χ^2/NDF : 36.9/22

Left: 2936.899+/-486.527 χ^2/NDF : 73.5/46

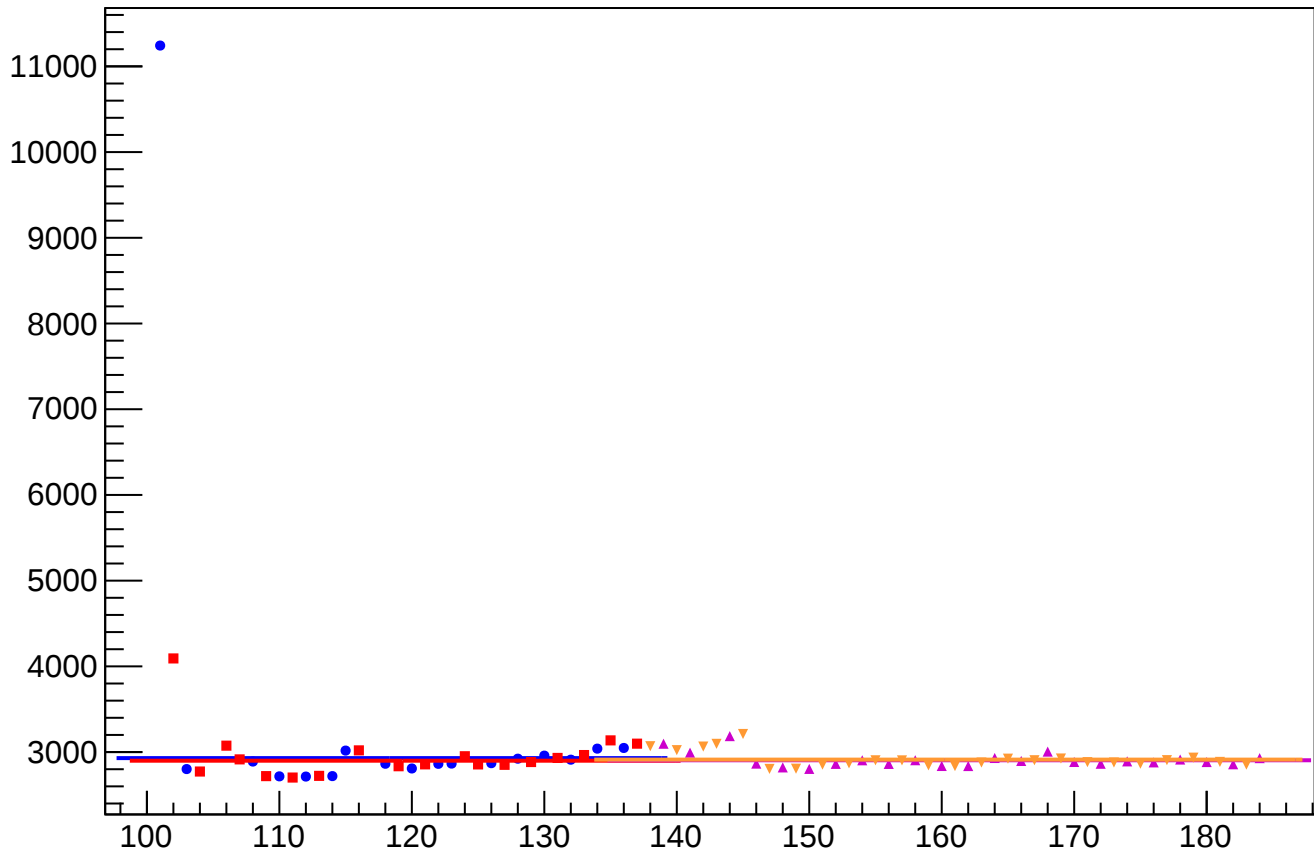
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 2581.675+/-594.989 χ^2/NDF : 52.0/39

Out: 2942.812+/-582.037 χ^2/NDF : 45.3/41

All: 2766.217+/-416.066 χ^2/NDF : 97.6/81

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2912.053+/-0.483 χ^2/NDF : 36420.0/23

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

Left: 2908.331+/-0.344 χ^2/NDF : 66963.6/46

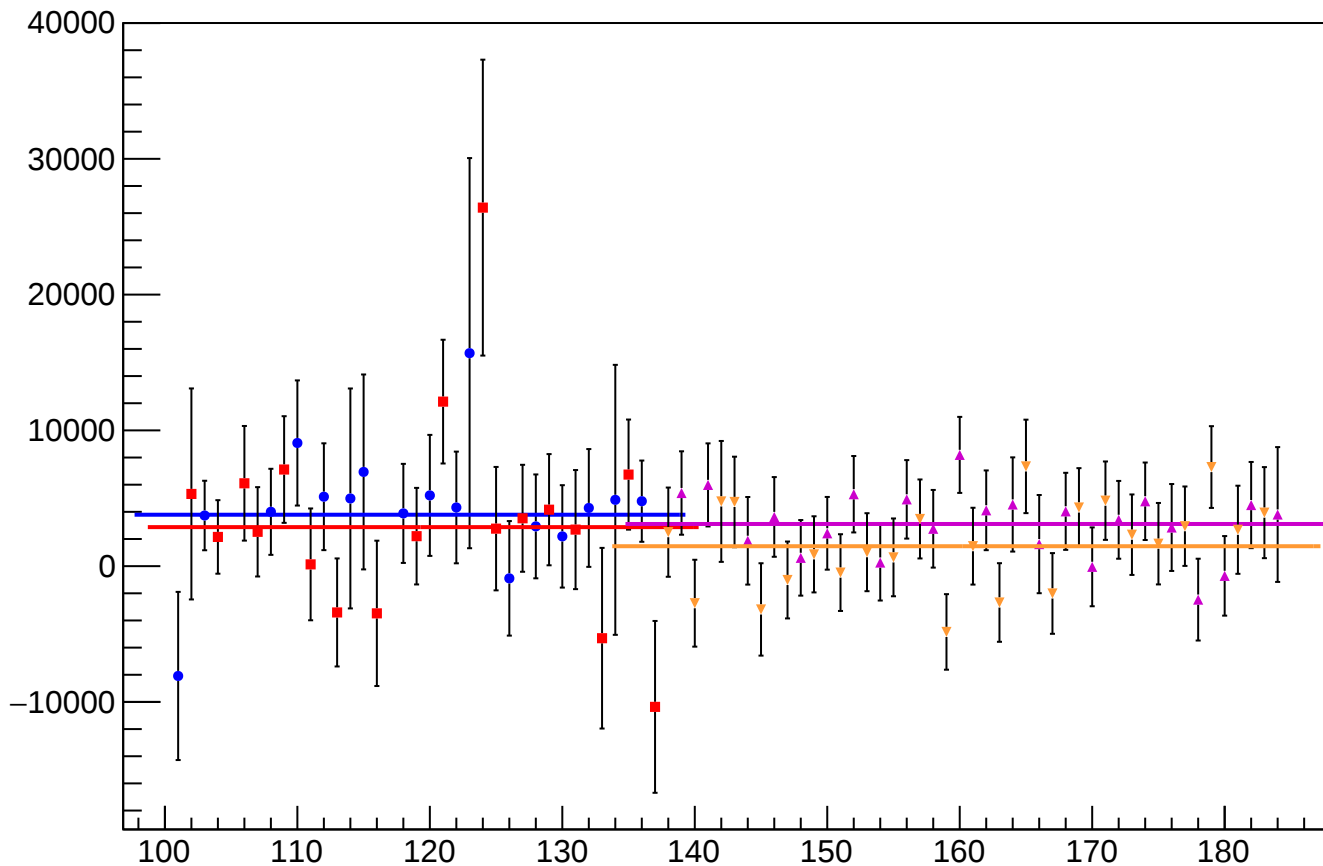
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2911.117+/-0.421 χ^2/NDF : 693745.2/39

Out: 2908.595+/-0.412 χ^2/NDF : 120150.2/41

All: 2909.828+/-0.294 χ^2/NDF : 813913.8/81

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1468.483+/-619.948 χ^2/NDF : 25.7/23

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3105.866+/-626.946 χ^2/NDF : 15.3/22

Left: 2277.985+/-440.823 χ^2/NDF : 44.4/46

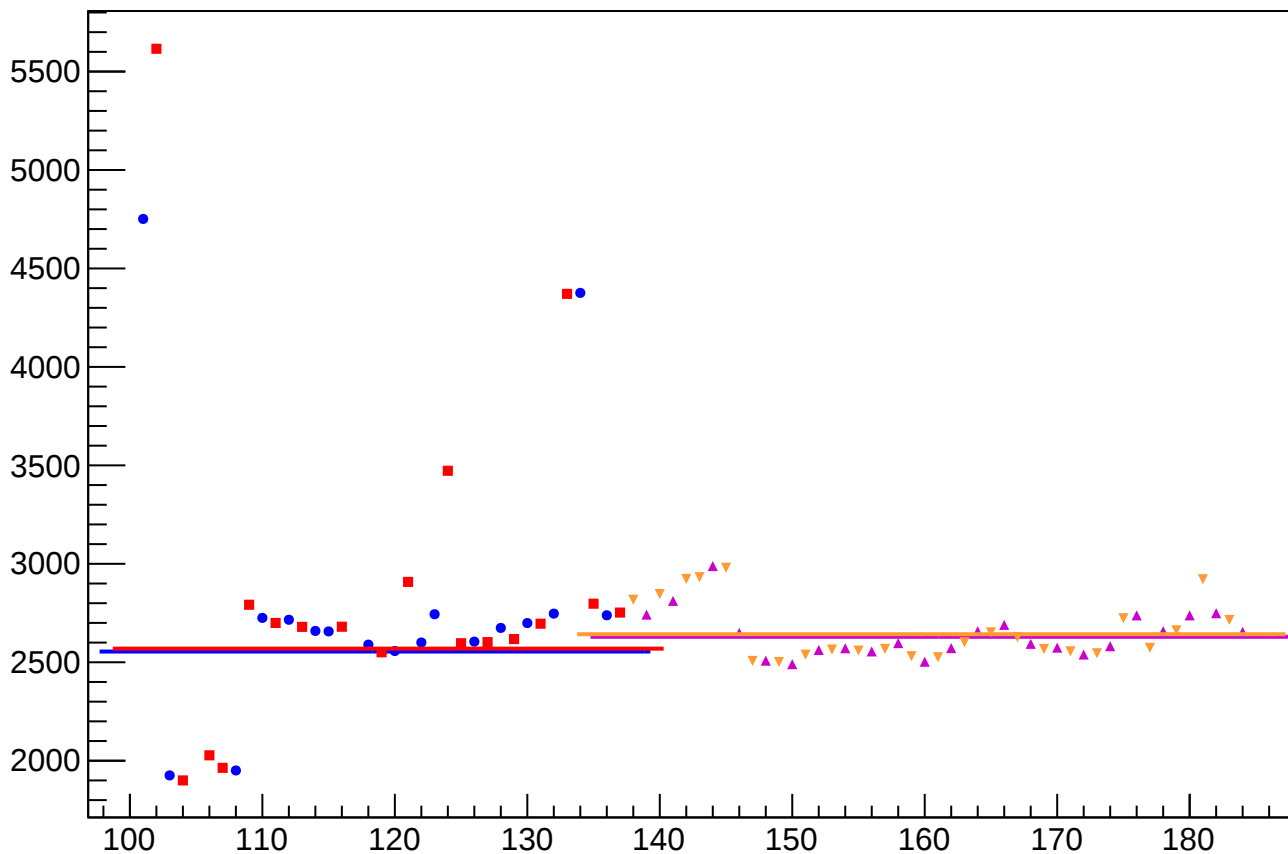
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3296.063+/-532.391 χ^2/NDF : 23.3/39

Out: 1856.601+/-527.502 χ^2/NDF : 49.1/41

All: 2569.692+/-374.717 χ^2/NDF : 76.1/81

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2642.476 $\pm$ 0.438 χ^2 /NDF:104172.8/23

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2629.589 $\pm$ 0.443 χ^2 /NDF:64727.7/22

Left: 2636.104 $\pm$ 0.312 χ^2 /NDF: 169327.8/46

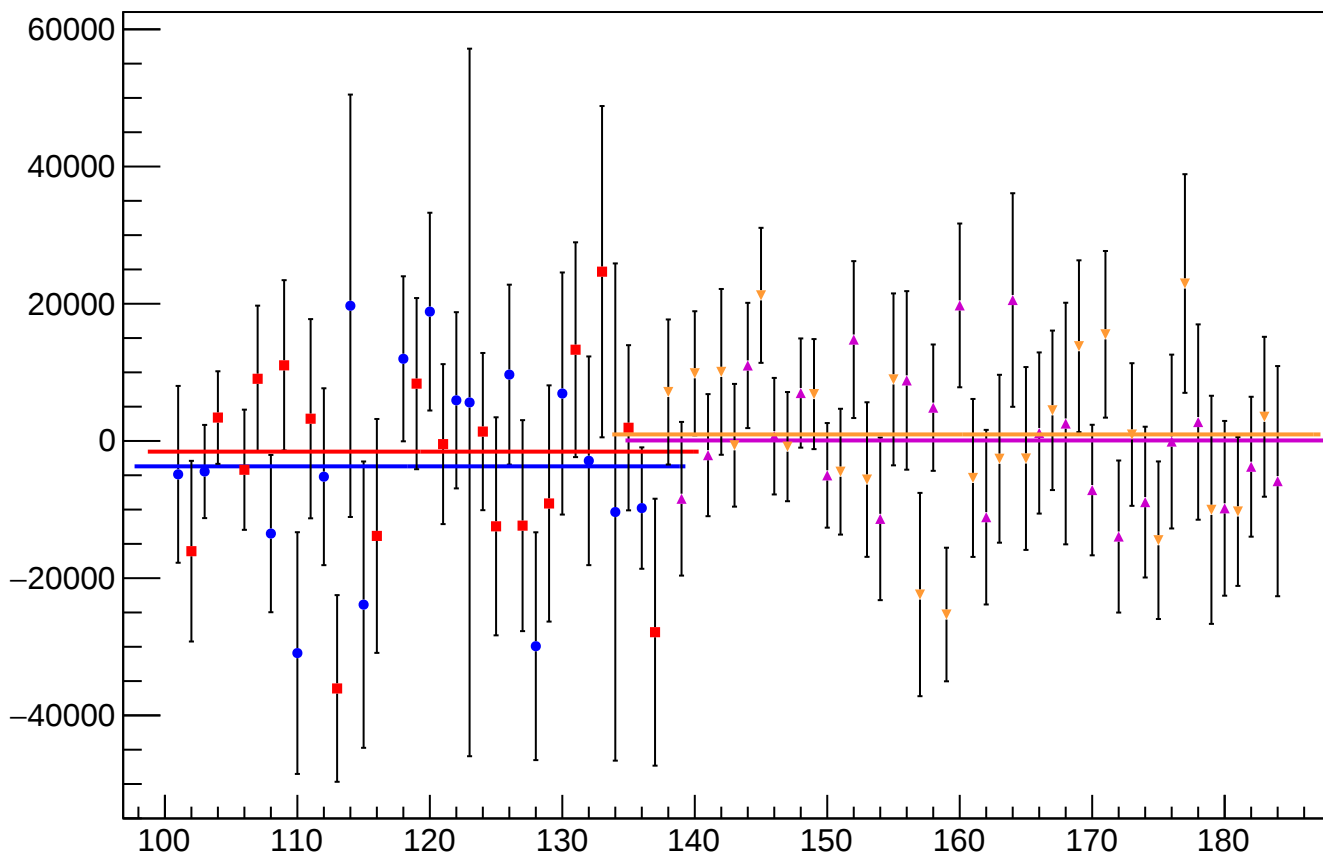
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2608.657 $\pm$ 0.376 χ^2 /NDF:609347.0/39

Out: 2622.255 $\pm$ 0.373 χ^2 /NDF:835209.4/41

All: 2615.520 $\pm$ 0.265 χ^2 /NDF: 1445214.9/83

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 954.333 $\pm$ 2213.483 χ^2/NDF : 25.9/23

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 74.778 $\pm$ 2249.033 χ^2/NDF : 15.6/22

Left: 521.562 $\pm$ 1577.587 χ^2/NDF : 41.6/46

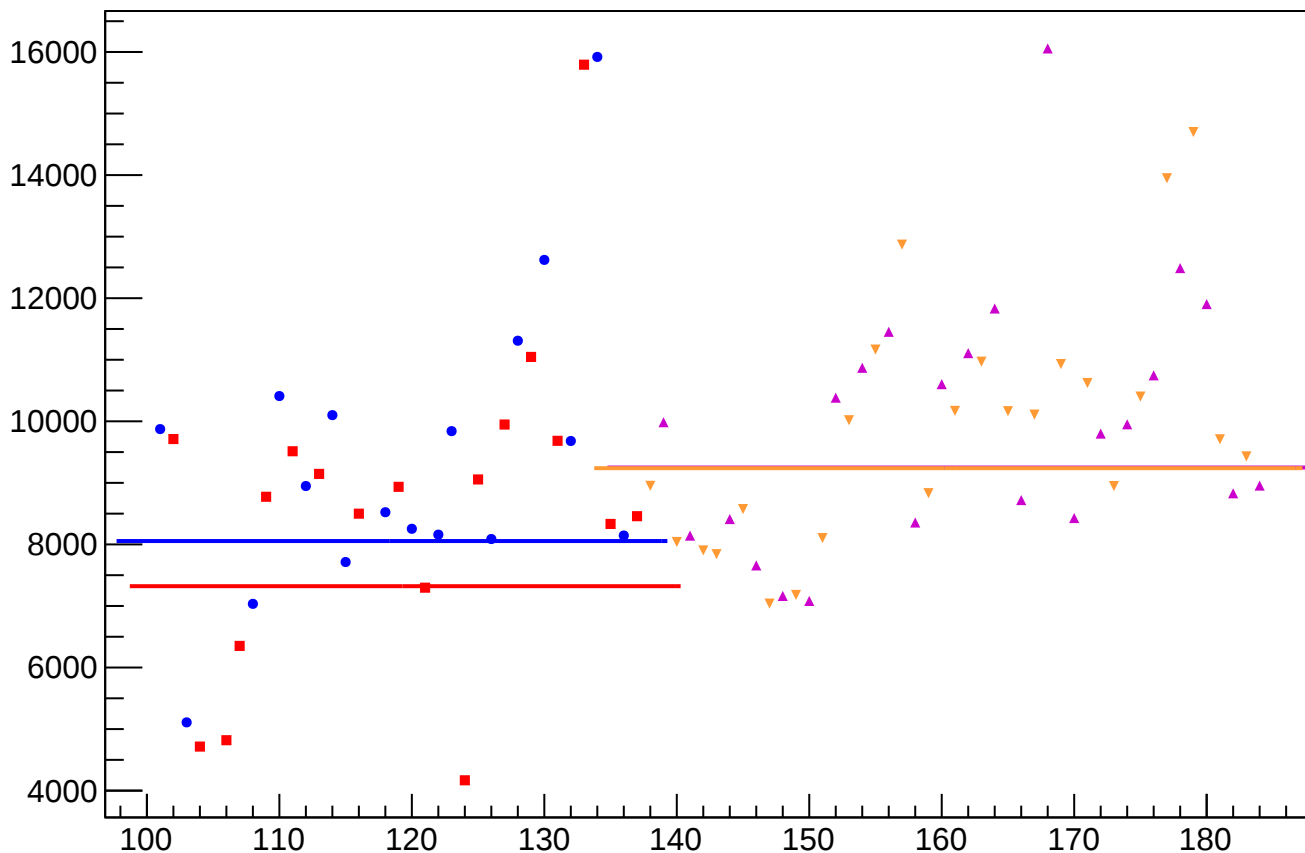
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -1163.877 $\pm$ 1843.410 χ^2/NDF : 30.3/39

Out: 35.059 $\pm$ 1762.134 χ^2/NDF : 43.2/41

All: -537.396 $\pm$ 1273.781 χ^2/NDF : 73.7/81

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9238.342 $\pm$ 1.565 χ^2 /NDF:1168174.5/23

Right Out: 7321.428 $\pm$ 2.059 χ^2 /NDF: 1335956.4/17

Left In: 9248.938 $\pm$ 1.590 χ^2 /NDF:1235940.4/22

Left: 9243.556 $\pm$ 1.116 χ^2 /NDF: 2404137.4/46

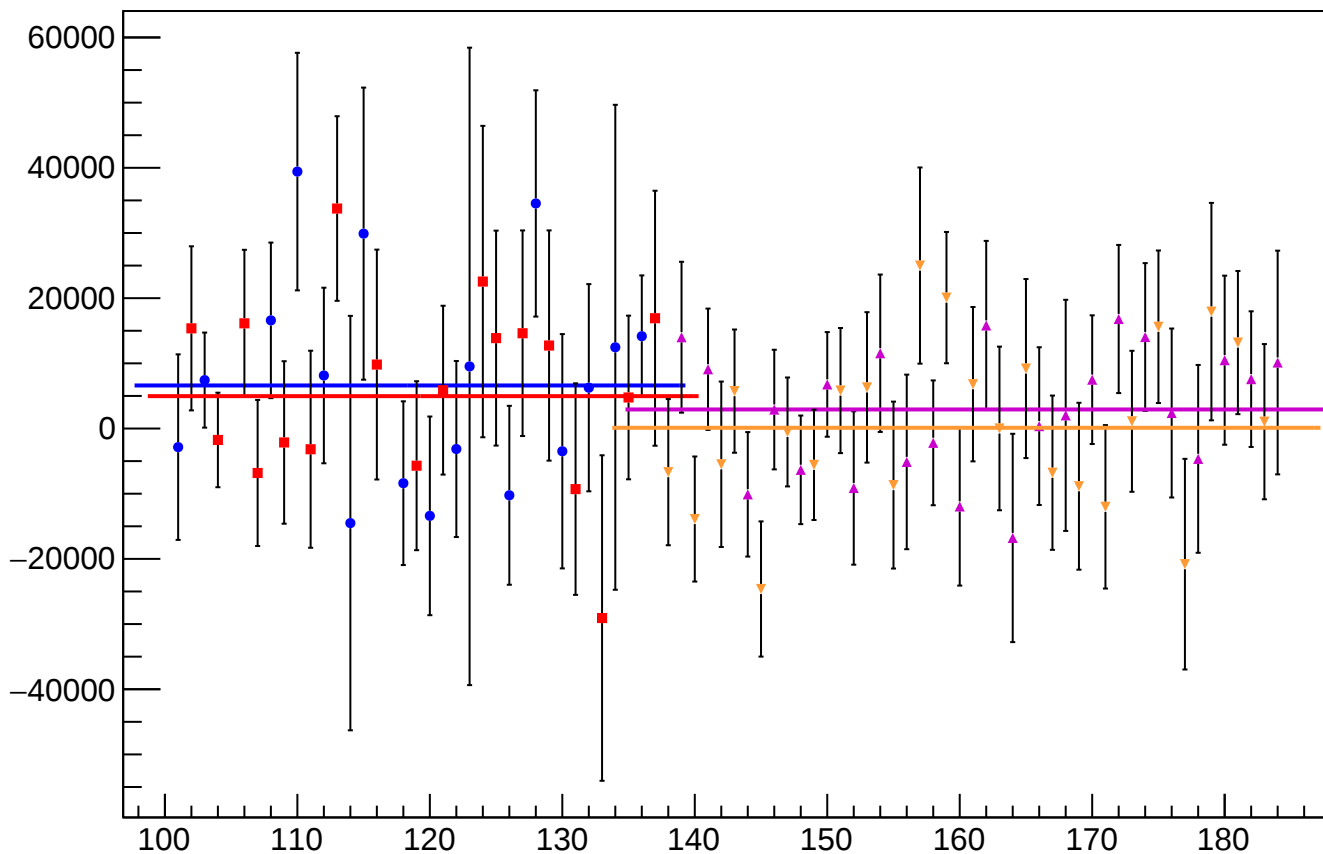
Right: 7651.572 $\pm$ 1.527 χ^2 /NDF: 2213832.0/34

In: 8857.035 $\pm$ 1.303 χ^2 /NDF:2241750.5/39

Out: 8536.294 $\pm$ 1.246 χ^2 /NDF:3053478.7/41

All: 8689.438 $\pm$ 0.901 χ^2 /NDF: 5326867.1/81

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 113.199+/-2297.089 χ^2/NDF : 25.5/23

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 2925.533+/-2330.587 χ^2/NDF : 14.6/22

Left: 1499.010+/-1636.002 χ^2/NDF : 40.8/46

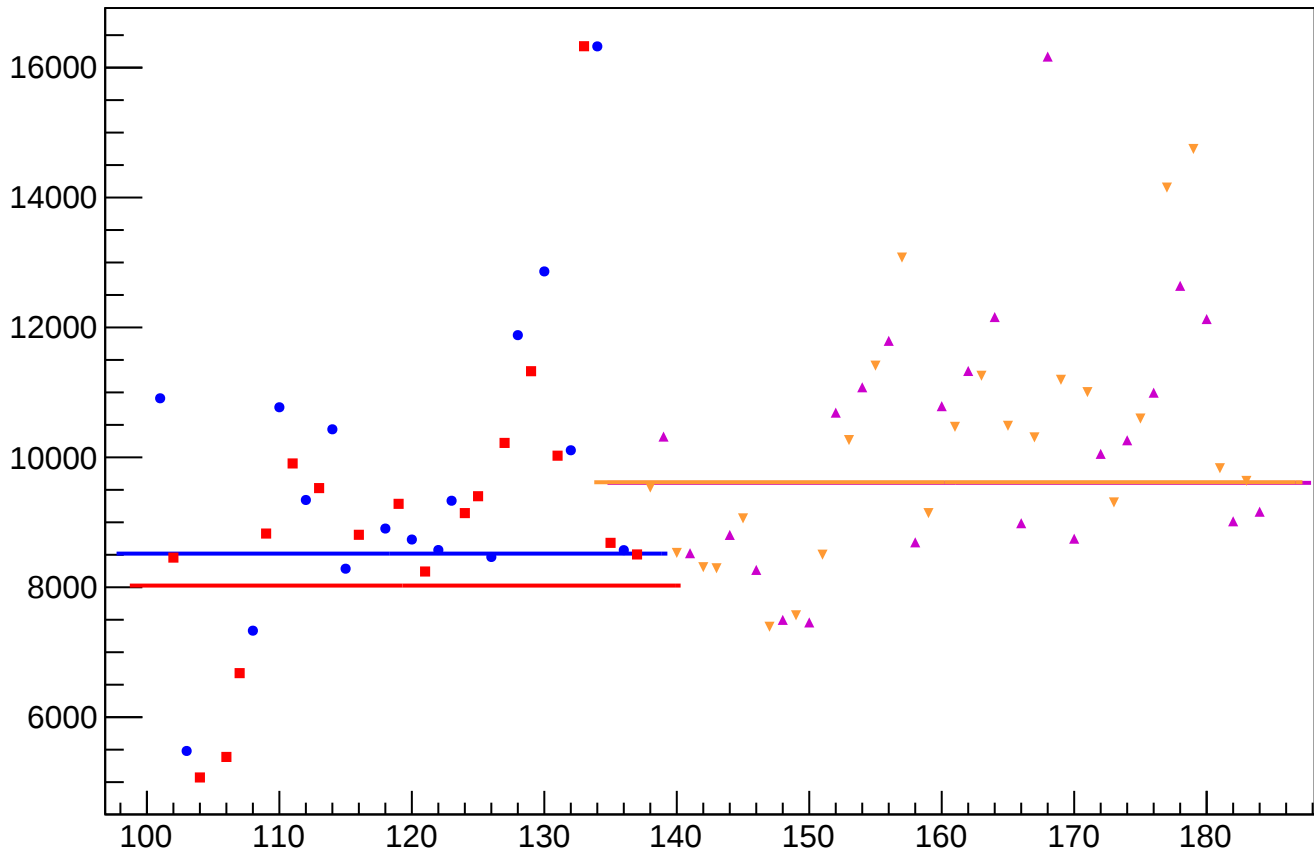
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 4104.425+/-1921.576 χ^2/NDF : 30.1/39

Out: 1779.912+/-1861.455 χ^2/NDF : 40.6/41

All: 2905.236+/-1336.997 χ^2/NDF : 71.4/81

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.809+/-1.624 χ^2/NDF : 1011200.0/23

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

Left: 9612.248+/-1.157 χ^2/NDF : 2096681.7/46

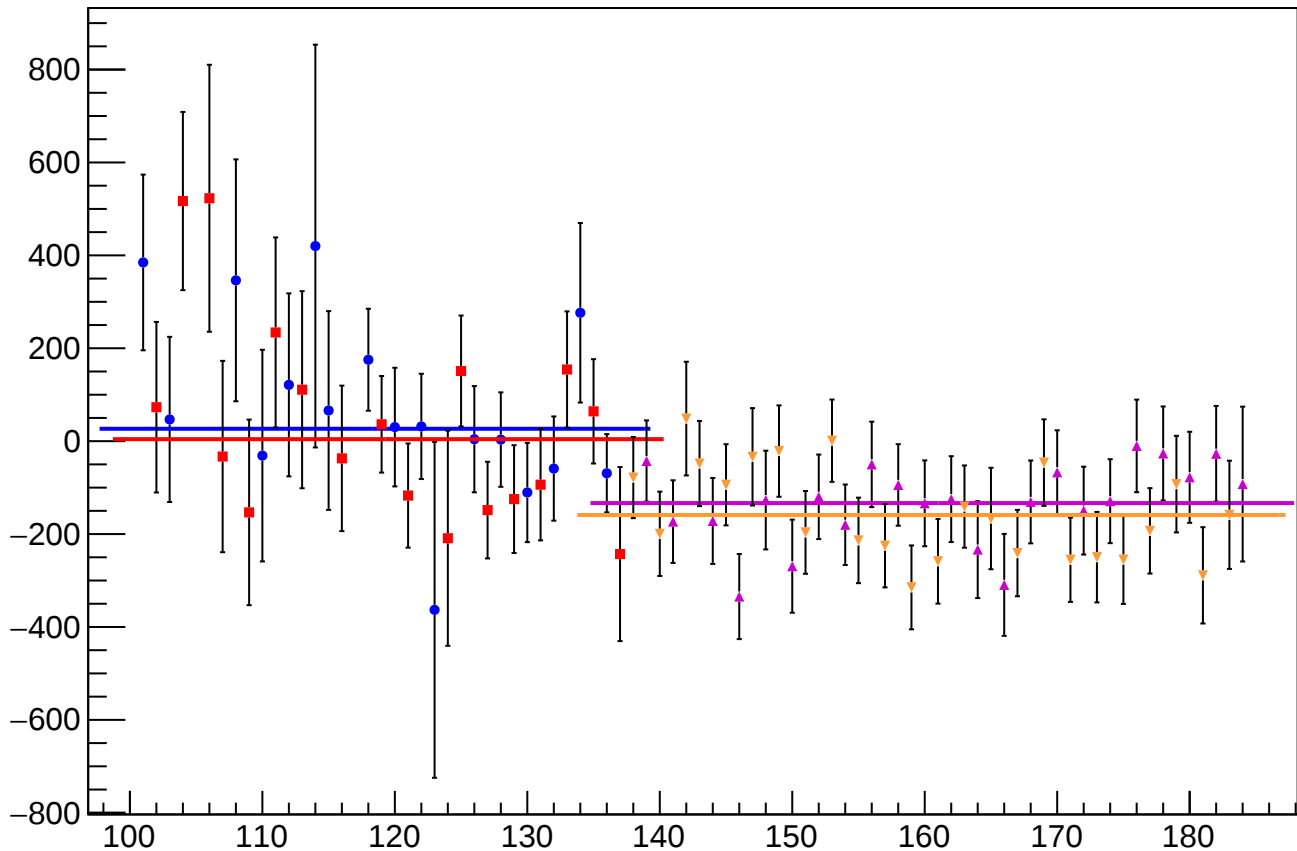
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 9258.772+/-1.359 χ^2/NDF : 1997352.7/39

Out: 9070.632+/-1.316 χ^2/NDF : 2283174.5/41

All: 9161.711+/-0.945 χ^2/NDF : 4290418.2/83

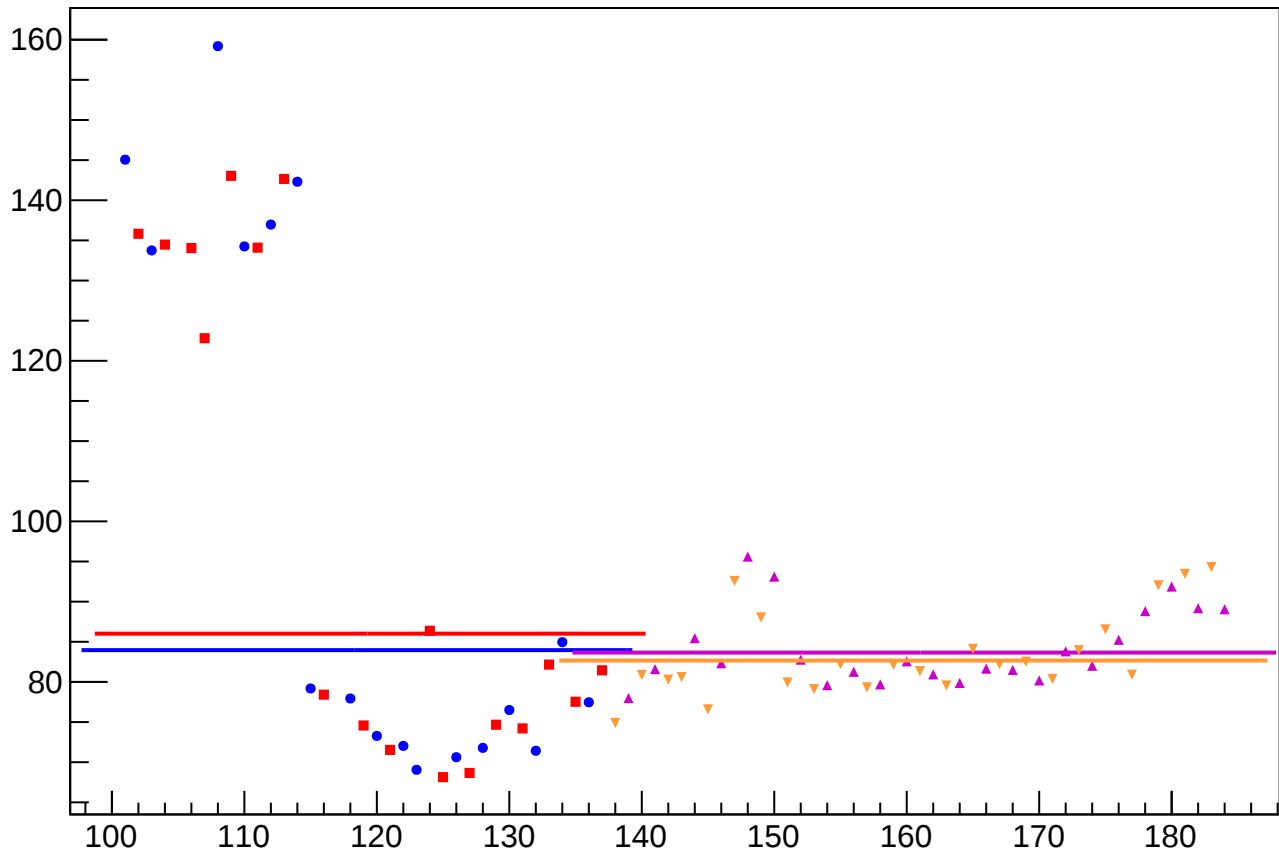
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
Left Out: -158.861 $\pm$ 19.395 χ^2/NDF : 25.2/23
Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
Left In: -133.271 $\pm$ 19.968 χ^2/NDF : 17.6/22

Left: -146.438 $\pm$ 13.913 χ^2/NDF : 43.7/46
Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34
In: -91.563 $\pm$ 17.169 χ^2/NDF : 48.9/39
Out: -118.510 $\pm$ 16.828 χ^2/NDF : 66.7/41
All: -105.307 $\pm$ 12.018 χ^2/NDF : 116.8/81

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 82.662+/-0.014 χ^2/NDF :126742.6/23

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.657+/-0.014 χ^2/NDF :101606.4/22

Left: 83.145+/-0.010 χ^2/NDF : 230902.5/46

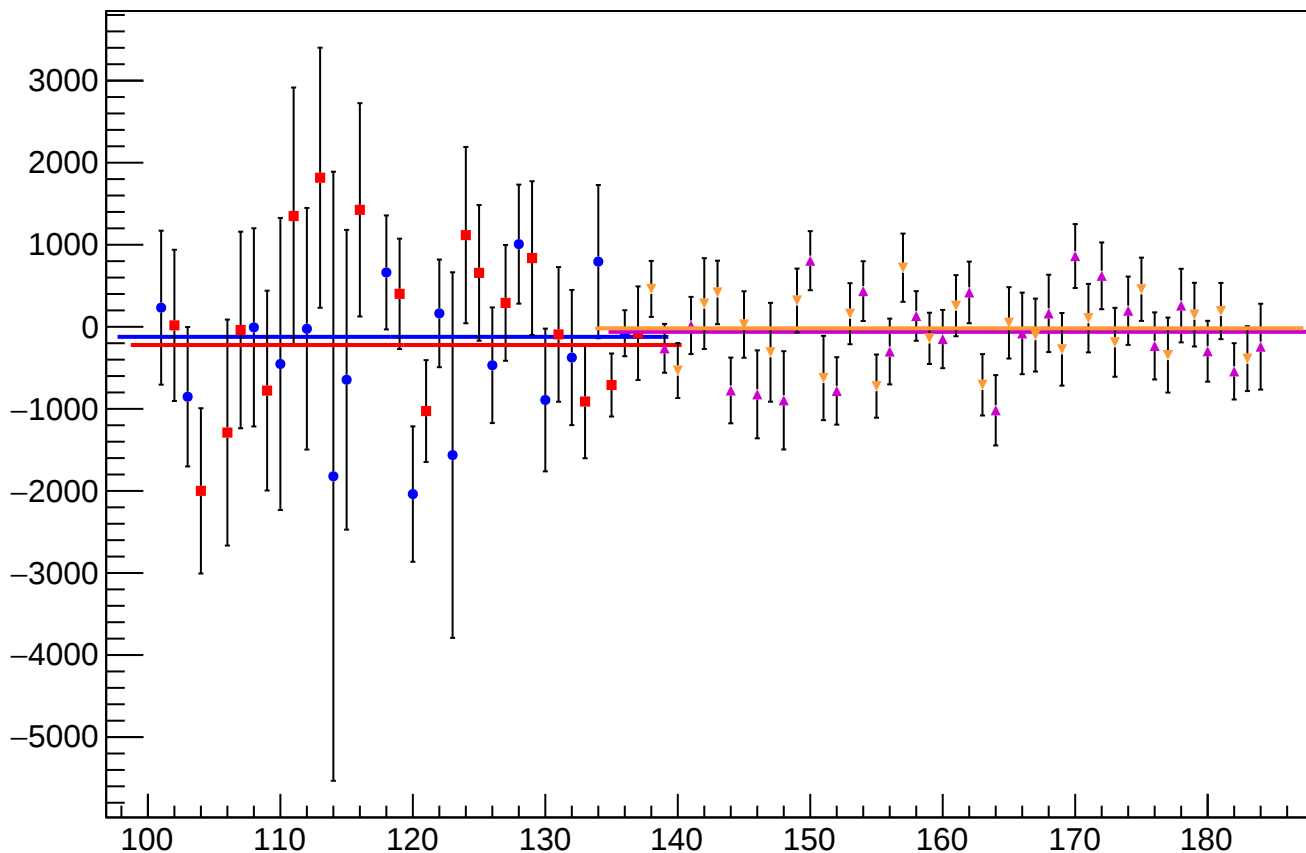
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.736+/-0.012 χ^2/NDF :1061980.7/39

Out: 83.490+/-0.012 χ^2/NDF :1167898.1/41

All: 83.611+/-0.008 χ^2/NDF : 2230087.6/81

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -18.232 $\pm$ 81.371 χ^2 /NDF:23.2/23

Right Out: -221.525 $\pm$ 185.098 χ^2 /NDF: 18.0/17

Left In: -61.389 $\pm$ 82.151 χ^2 /NDF:38.0/22

Left: -39.604 $\pm$ 57.812 χ^2 /NDF: 61.4/46

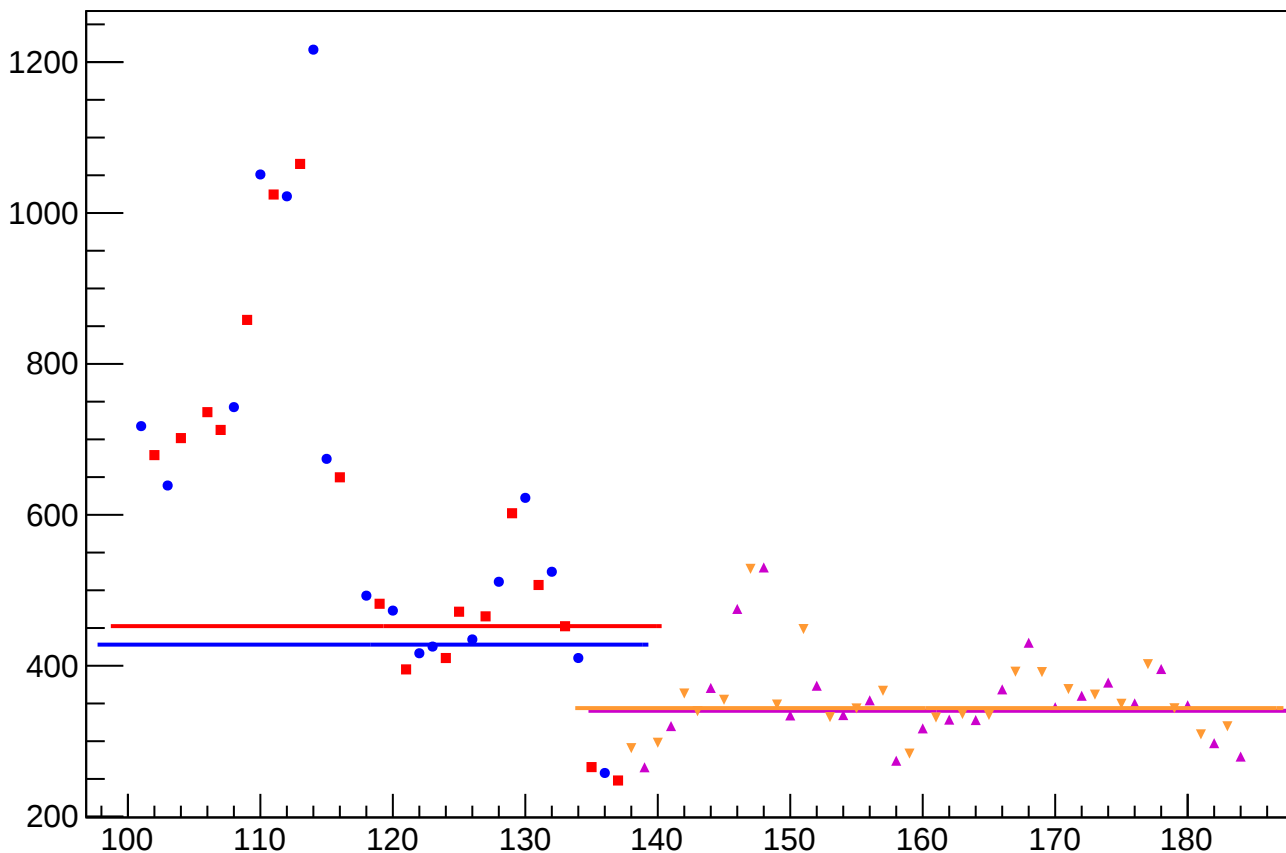
Right: -170.470 $\pm$ 128.892 χ^2 /NDF: 31.2/34

In: -71.948 $\pm$ 74.706 χ^2 /NDF:51.2/39

Out: -51.157 $\pm$ 74.491 χ^2 /NDF:42.3/41

All: -61.522 $\pm$ 52.749 χ^2 /NDF: 93.5/81

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 343.868+/-0.058 χ^2/NDF : 566856.8/23

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 340.311+/-0.058 χ^2/NDF : 789089.8/22

Left: 342.107+/-0.041 χ^2/NDF : 1357838.9/46

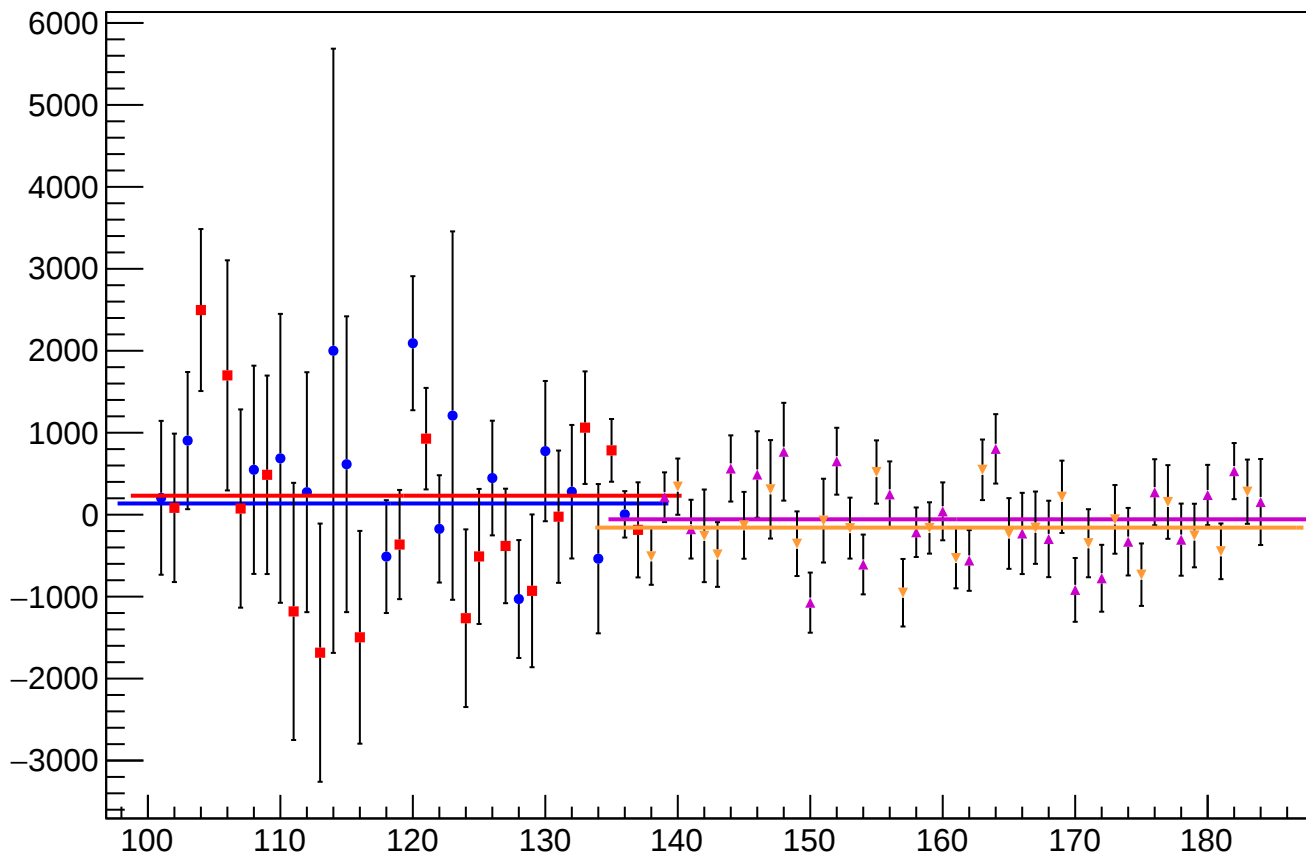
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 355.483+/-0.053 χ^2/NDF : 3245524.4/39

Out: 361.463+/-0.053 χ^2/NDF : 3217277.3/41

All: 358.482+/-0.037 χ^2/NDF : 6469227.5/81

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -158.026 $\pm$ 81.417 χ^2 /NDF:22.0/23

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -56.402 $\pm$ 82.155 χ^2 /NDF:39.7/22

Left: -107.673 $\pm$ 57.830 χ^2 /NDF: 62.5/46

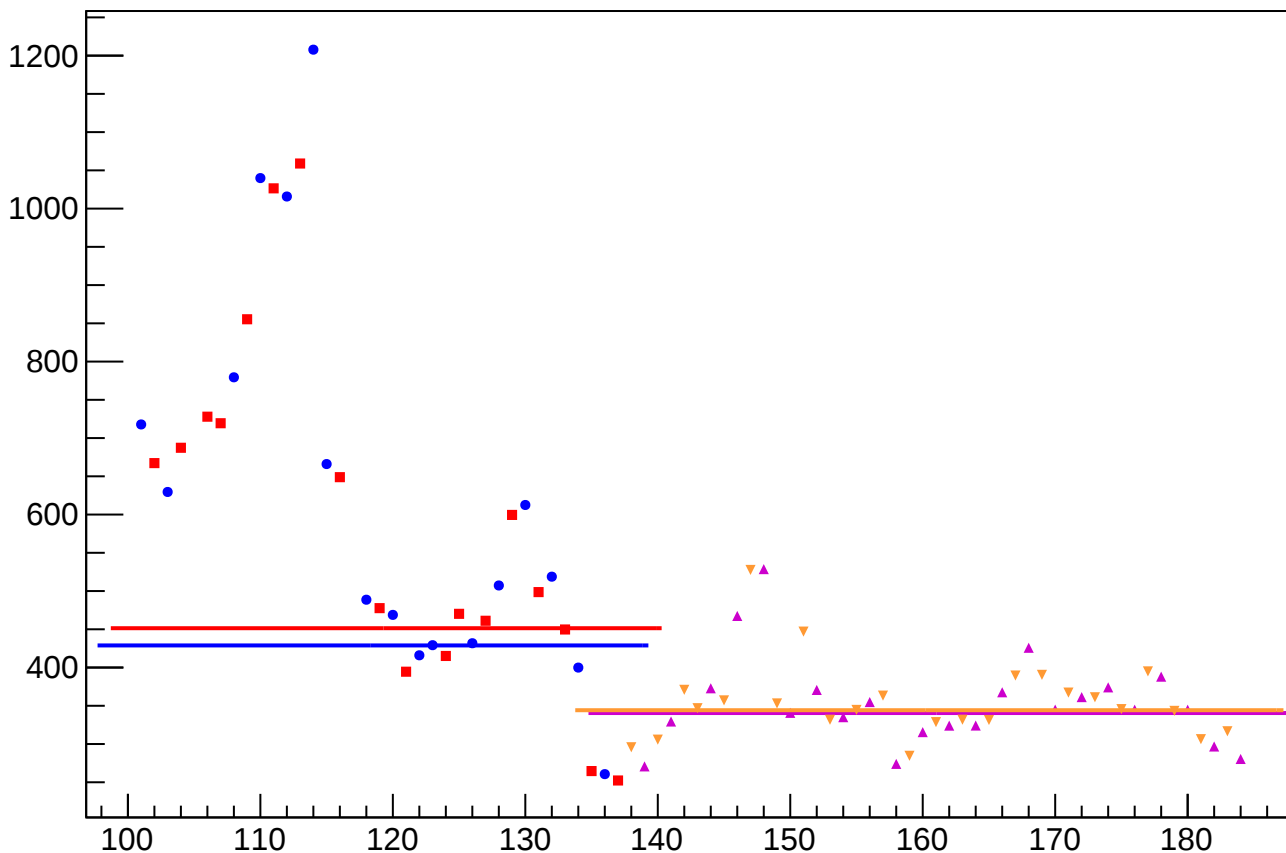
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: -22.972 $\pm$ 74.710 χ^2 /NDF:53.3/39

Out: -94.567 $\pm$ 74.492 χ^2 /NDF:47.5/41

All: -58.874 $\pm$ 52.751 χ^2 /NDF: 101.2/81

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 344.192+/-0.058 χ^2/NDF : 537957.0/23

Right Out: 451.411+/-0.131 χ^2/NDF : 2030742.8/17

Left In: 340.519+/-0.058 χ^2/NDF : 737049.6/22

Left: 342.372+/-0.041 χ^2/NDF : 1277023.3/46

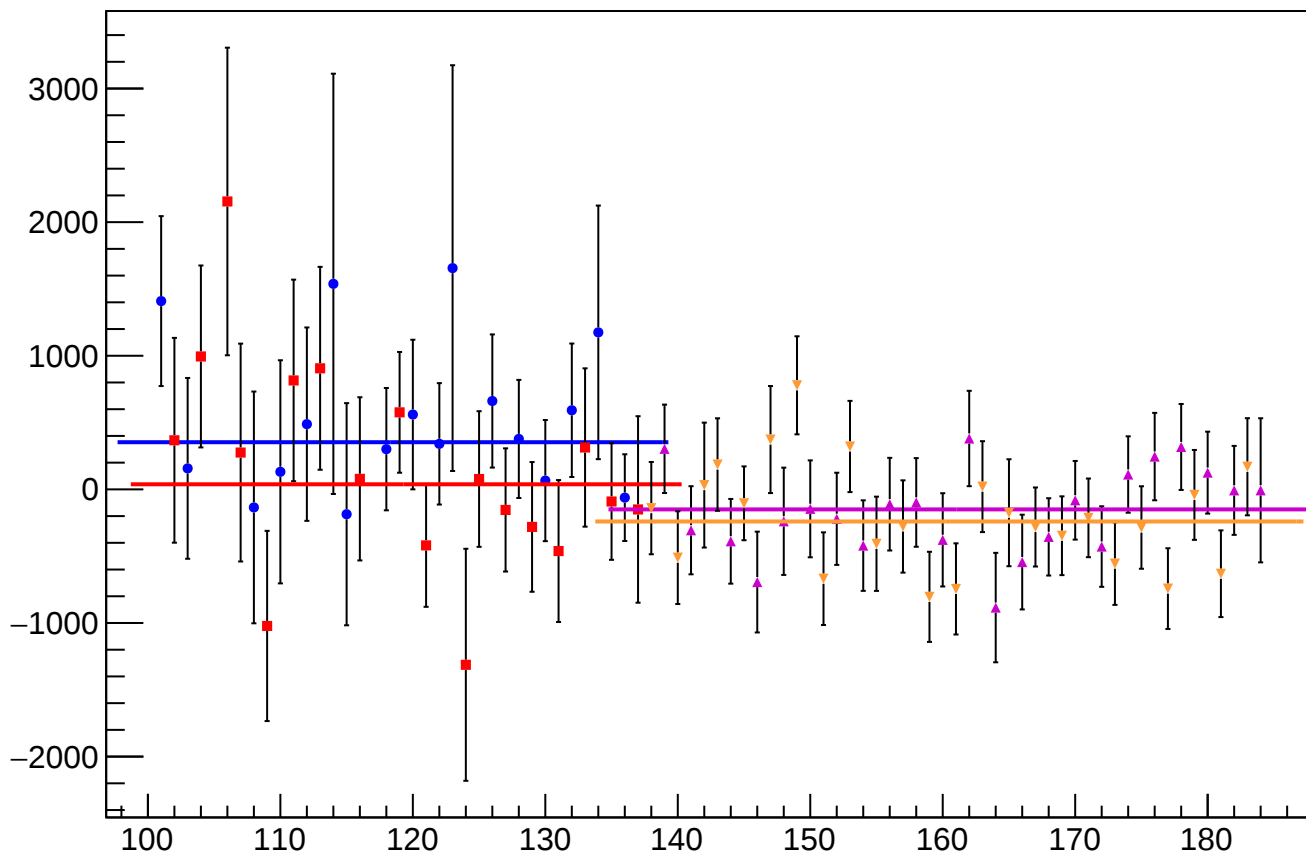
Right: 439.843+/-0.091 χ^2/NDF : 4056629.4/34

In: 355.809+/-0.053 χ^2/NDF : 3148026.6/39

Out: 361.656+/-0.053 χ^2/NDF : 3133635.4/41

All: 358.741+/-0.037 χ^2/NDF : 6287803.3/81

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2 /NDF: 8.5/16

Left Out: -240.307 $\pm$ 68.313 χ^2 /NDF:30.0/23

Right Out: 37.982 $\pm$ 139.023 χ^2 /NDF: 16.9/17

Left In: -149.974 $\pm$ 70.280 χ^2 /NDF:19.5/22

Left: -196.422 $\pm$ 48.985 χ^2 /NDF: 50.3/46

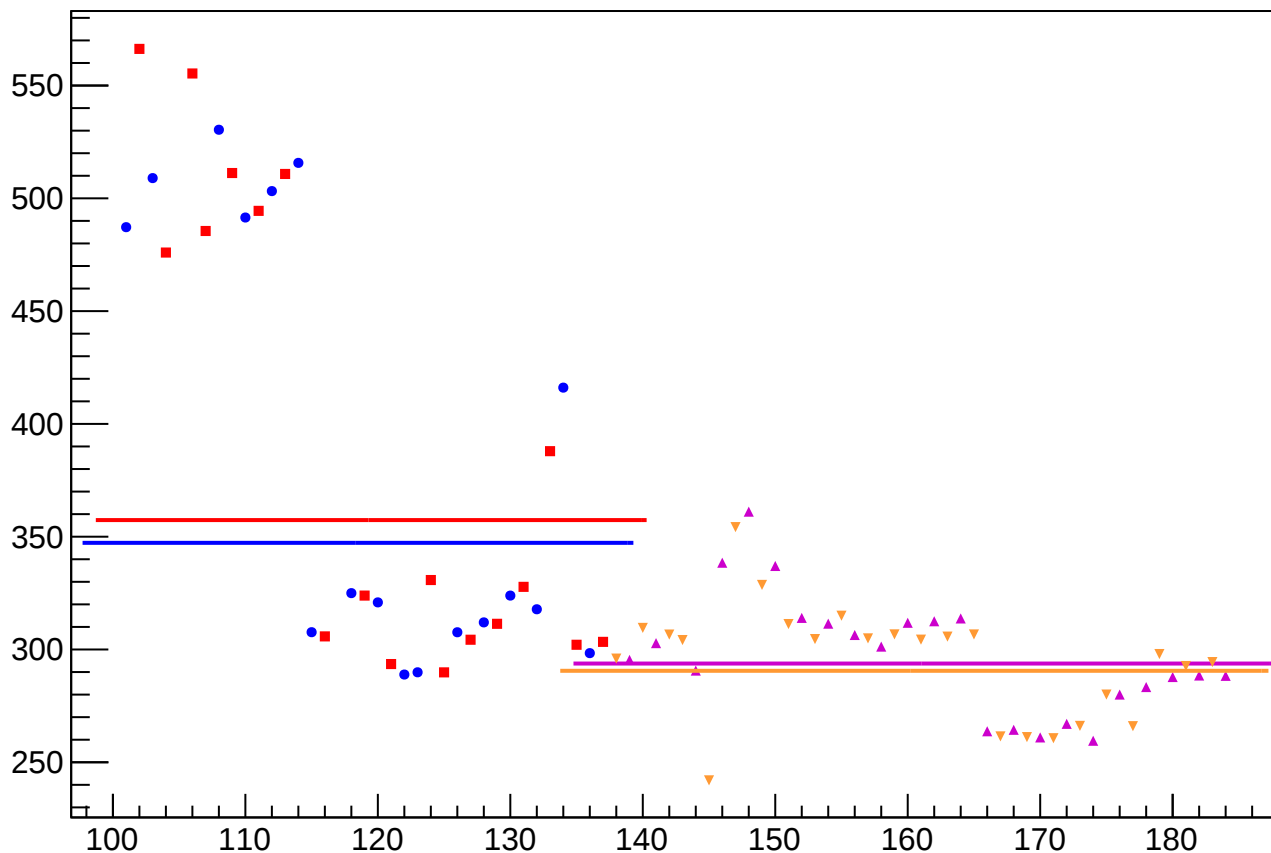
Right: 197.421 $\pm$ 97.689 χ^2 /NDF: 28.1/34

In: -45.562 $\pm$ 62.560 χ^2 /NDF:38.7/39

Out: -186.182 $\pm$ 61.311 χ^2 /NDF:50.1/41

All: -117.290 $\pm$ 43.788 χ^2 /NDF: 91.3/81

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 290.553 $\pm$ 0.048 χ^2/NDF :273711.1/23

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 293.772 $\pm$ 0.050 χ^2/NDF :257410.6/22

Left: 292.117 $\pm$ 0.035 χ^2/NDF : 533279.3/46

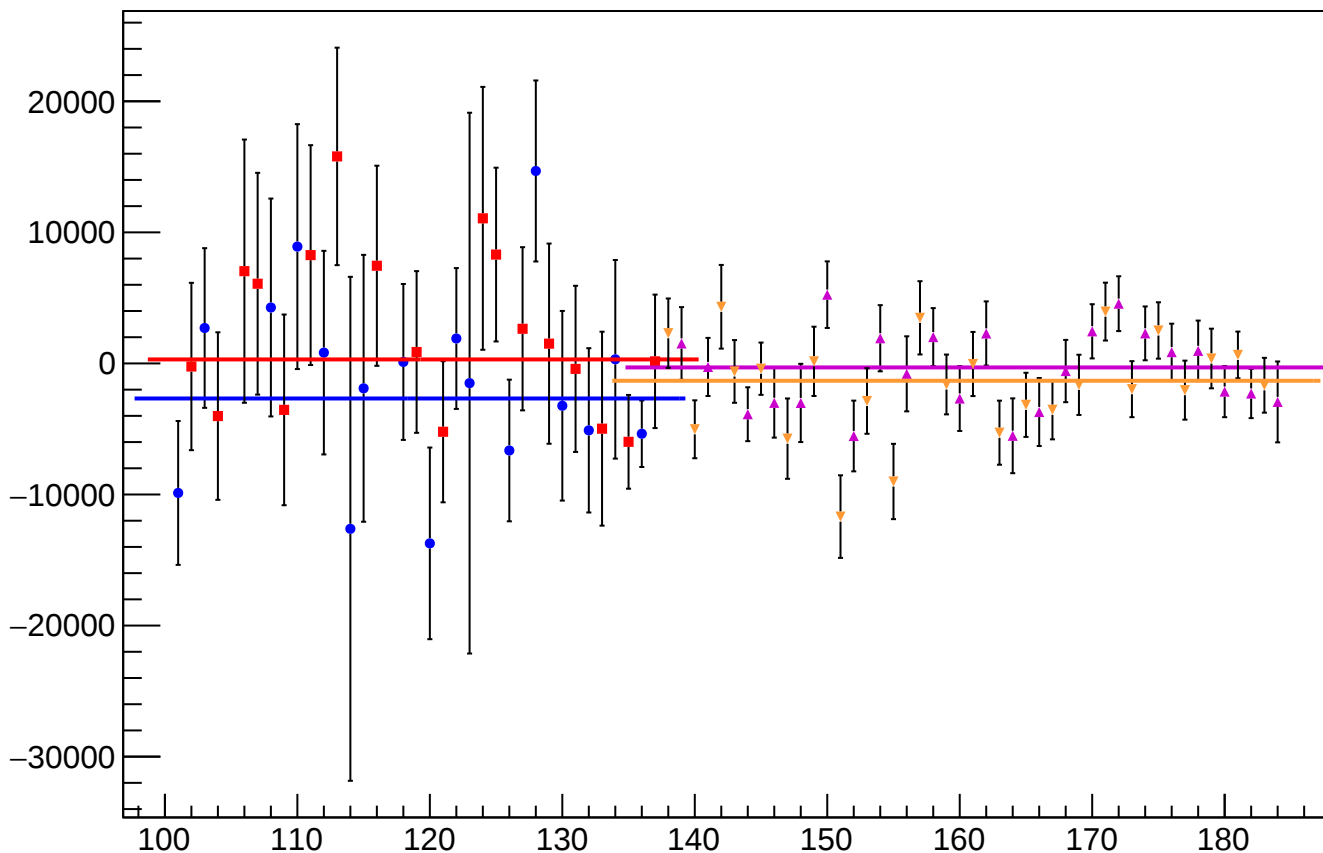
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 304.881 $\pm$ 0.044 χ^2/NDF :1117015.1/39

Out: 303.547 $\pm$ 0.043 χ^2/NDF :1405728.1/41

All: 304.201 $\pm$ 0.031 χ^2/NDF : 2523207.1/81

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -1321.458 $\pm$ 483.069 χ^2 /NDF: 47.2/23

Right Out: 304.817 $\pm$ 1517.834 χ^2 /NDF: 14.4/17

Left In: -304.624 $\pm$ 492.139 χ^2 /NDF: 35.0/22

Left: -822.498 $\pm$ 344.743 χ^2 /NDF: 84.3/46

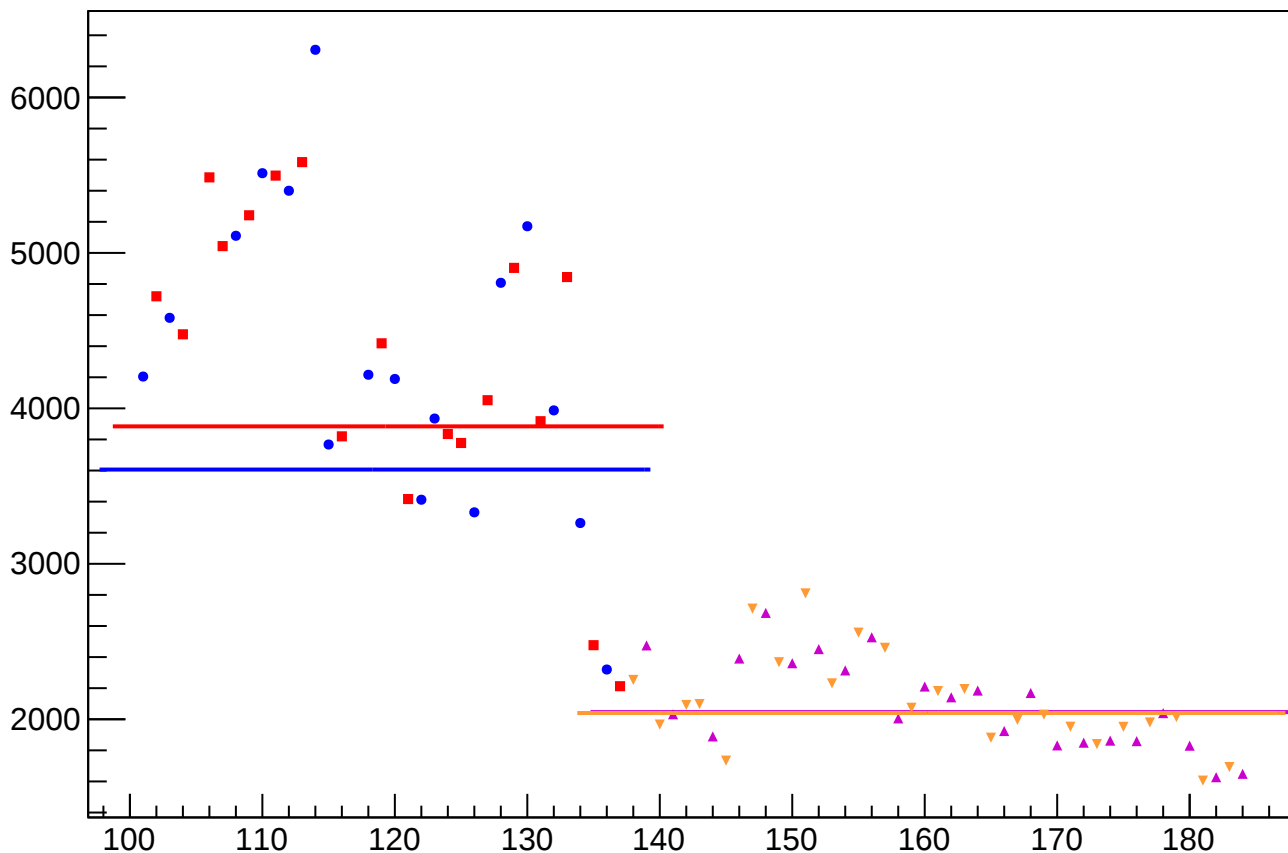
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -547.514 $\pm$ 466.232 χ^2 /NDF: 54.1/39

Out: -1171.882 $\pm$ 460.318 χ^2 /NDF: 62.6/41

All: -863.683 $\pm$ 327.565 χ^2 /NDF: 117.6/81

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 ± 1.030 $\chi^2/\text{NDF}: 1092516.6/16$

Left Out: 2040.115 ± 0.342 $\chi^2/\text{NDF}: 656113.3/23$

Right Out: 3884.203 ± 1.073 $\chi^2/\text{NDF}: 994574.5/17$

Left In: 2046.135 ± 0.348 $\chi^2/\text{NDF}: 593551.6/22$

Left: 2043.069 ± 0.244 $\chi^2/\text{NDF}: 1249817.3/46$

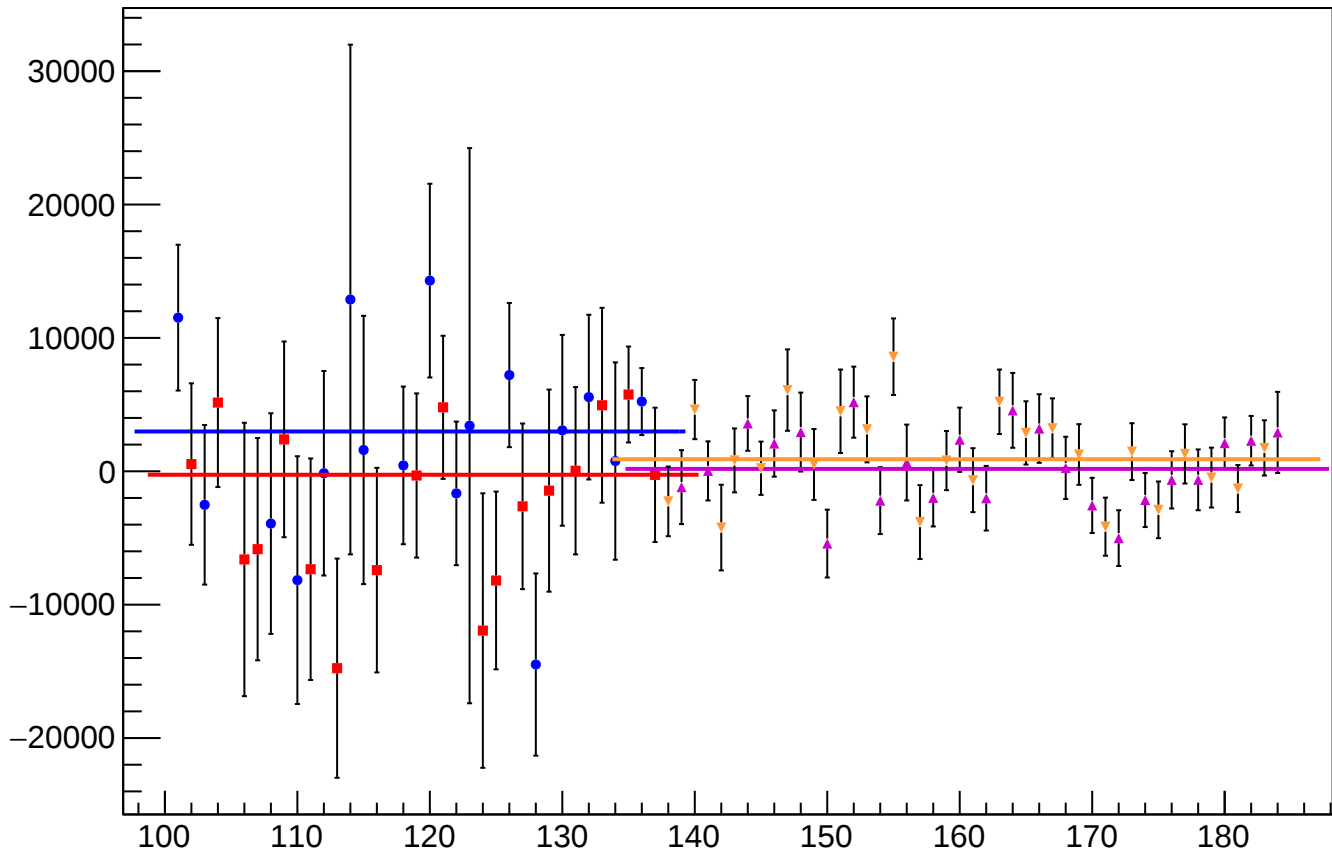
Right: 3739.524 ± 0.743 $\chi^2/\text{NDF}: 2121988.0/34$

In: 2206.075 ± 0.330 $\chi^2/\text{NDF}: 3746690.6/39$

Out: 2209.724 ± 0.325 $\chi^2/\text{NDF}: 4331356.7/41$

All: 2207.923 ± 0.232 $\chi^2/\text{NDF}: 8078109.4/83$

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 905.954+/-478.643 χ^2/NDF : 38.2/23

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 180.087+/-486.112 χ^2/NDF : 32.9/22

Left: 548.639+/-341.062 χ^2/NDF : 72.3/46

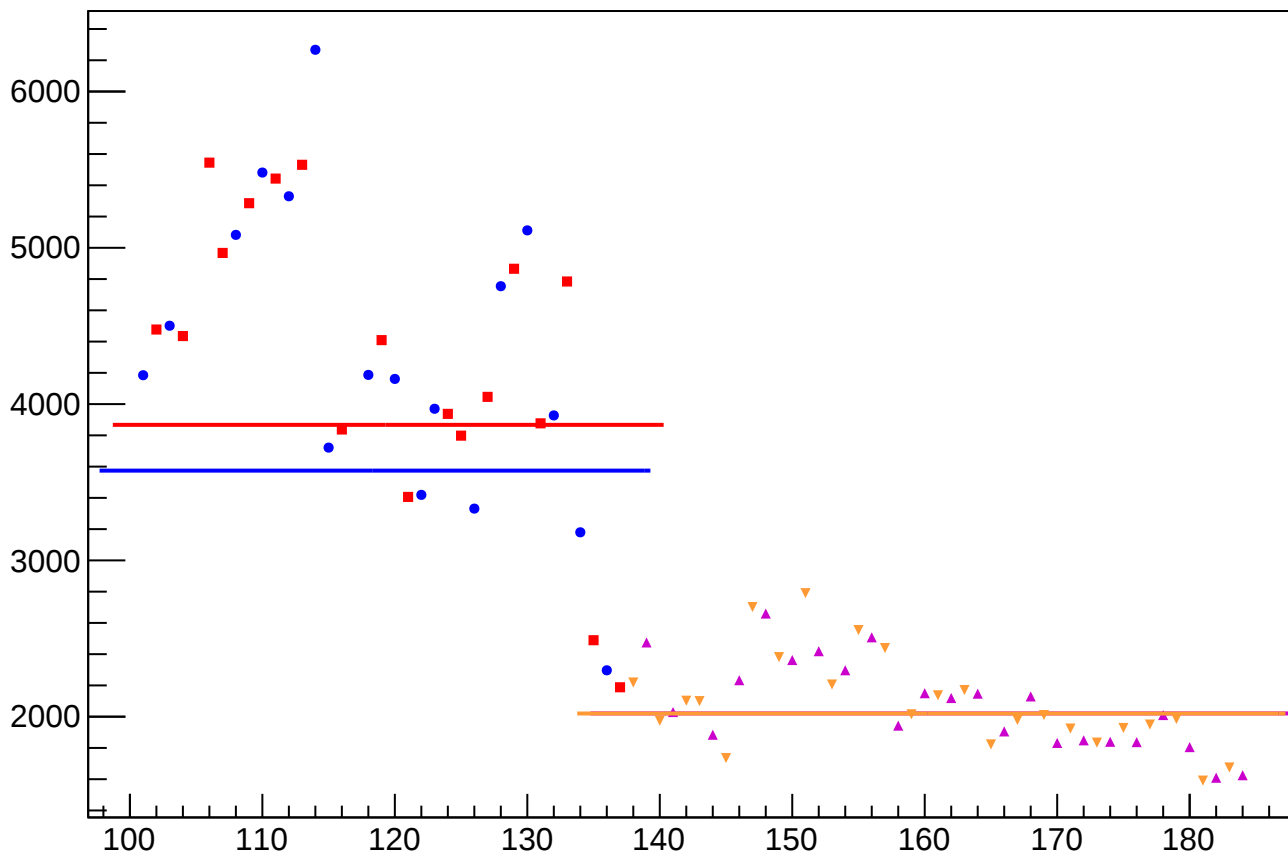
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 465.595+/-460.694 χ^2/NDF : 53.7/39

Out: 799.567+/-456.279 χ^2/NDF : 52.3/41

All: 634.190+/-324.188 χ^2/NDF : 106.3/81

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2020.378 $\pm$ 0.338 χ^2 /NDF: 666696.6/23

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2020.887 $\pm$ 0.344 χ^2 /NDF: 576363.5/22

Left: 2020.629 $\pm$ 0.241 χ^2 /NDF: 1243061.2/46

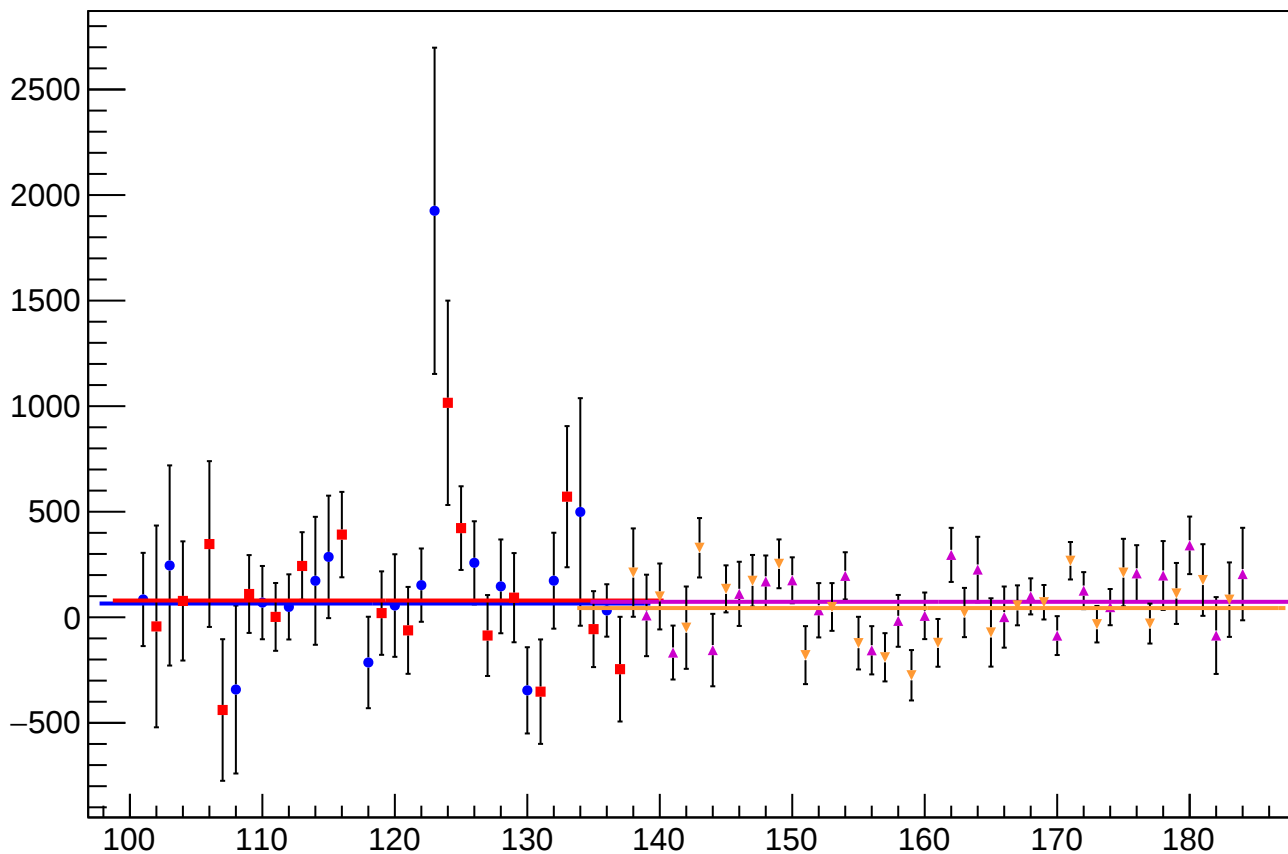
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2179.092 $\pm$ 0.326 χ^2 /NDF: 3747798.5/39

Out: 2188.933 $\pm$ 0.323 χ^2 /NDF: 4352398.5/41

All: 2184.060 $\pm$ 0.229 χ^2 /NDF: 8100657.8/81

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 43.650 $\pm$ 24.377 χ^2 /NDF: 38.4/23

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 73.305 $\pm$ 25.388 χ^2 /NDF: 27.6/22

Left: 57.875 $\pm$ 17.584 χ^2 /NDF: 66.7/46

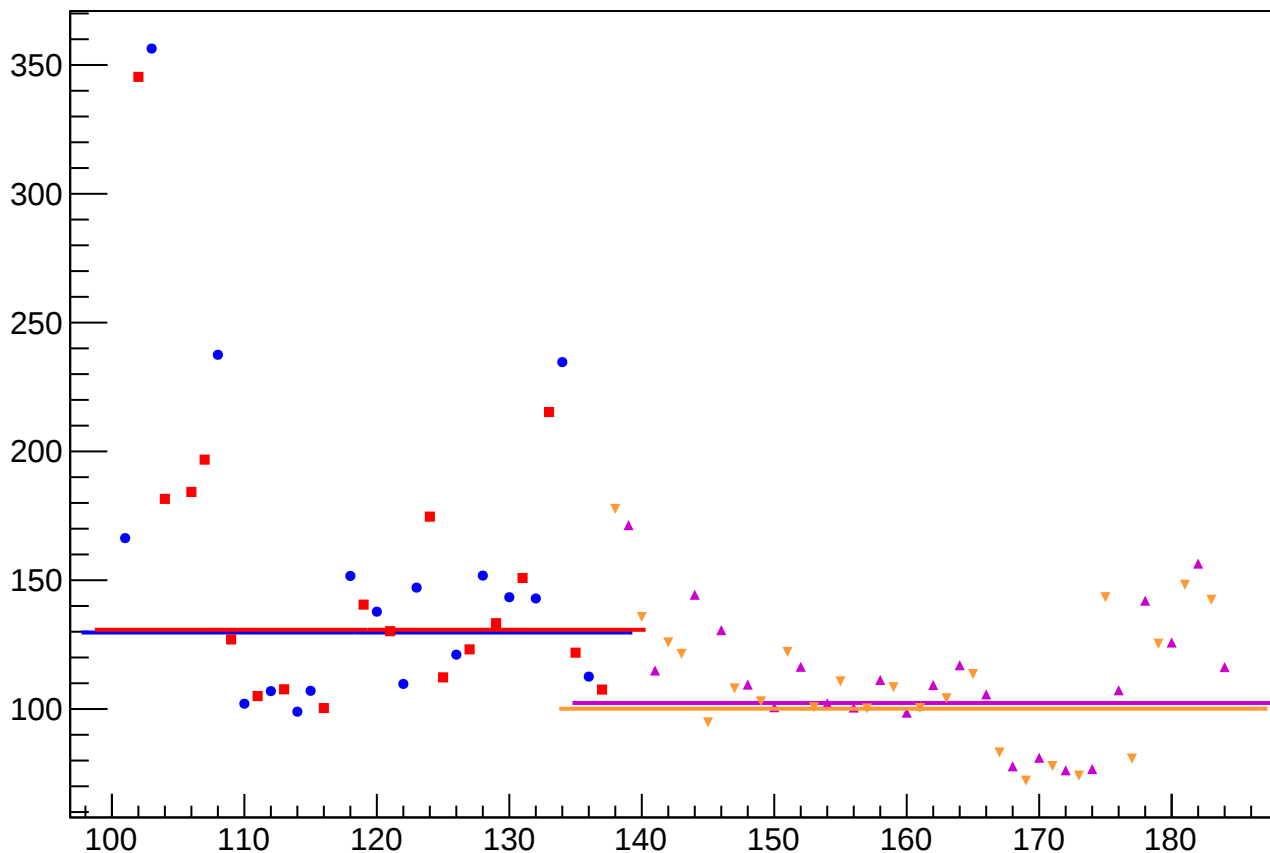
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 71.783 $\pm$ 22.873 χ^2 /NDF: 43.3/39

Out: 50.035 $\pm$ 22.098 χ^2 /NDF: 61.0/41

All: 60.534 $\pm$ 15.893 χ^2 /NDF: 104.8/81

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 100.115 $\pm$ 0.017 χ^2 /NDF:1736767.7/23

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 102.345 $\pm$ 0.018 χ^2 /NDF:1527594.6/22

Left: 101.185 $\pm$ 0.012 χ^2 /NDF: 3272396.8/46

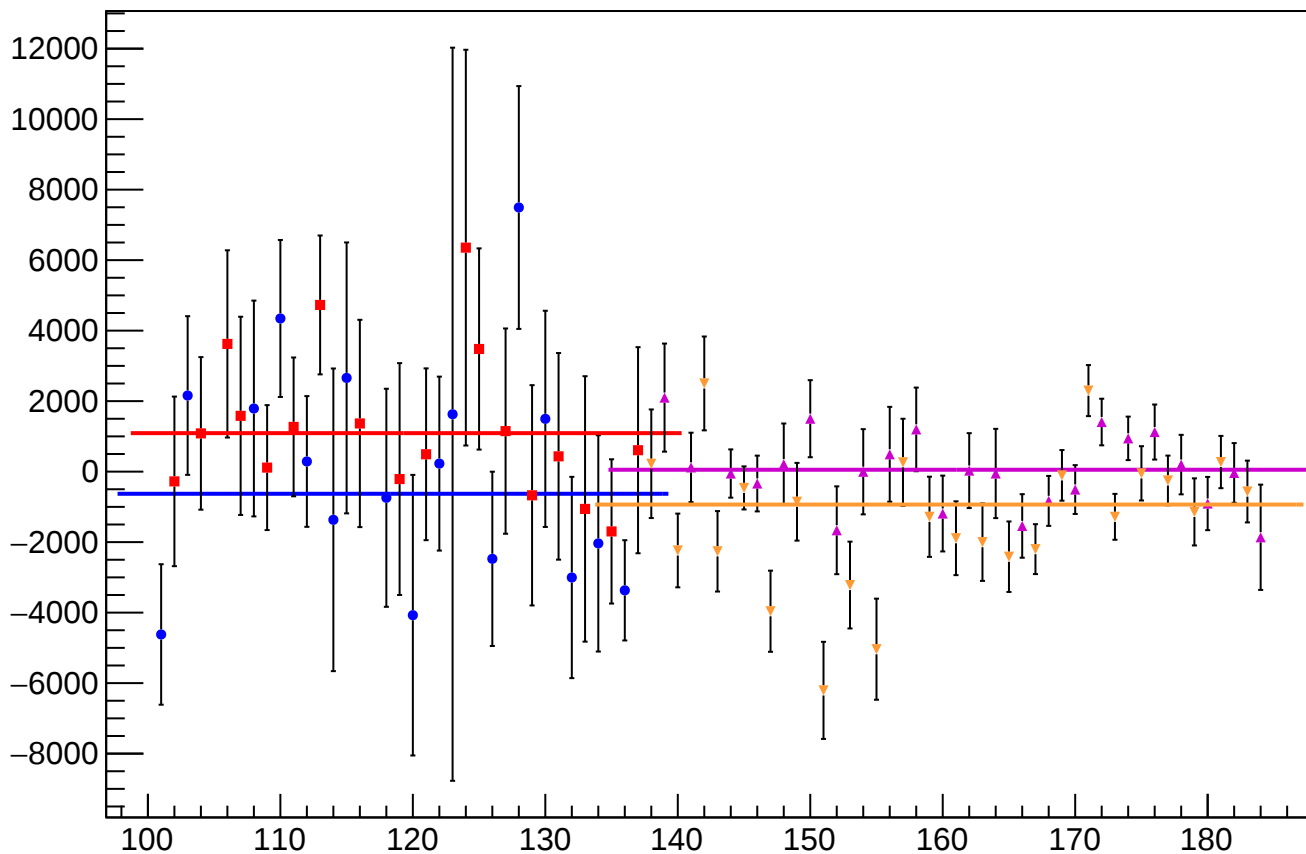
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 107.498 $\pm$ 0.016 χ^2 /NDF:2954510.0/39

Out: 105.575 $\pm$ 0.016 χ^2 /NDF:3227335.8/41

All: 106.503 $\pm$ 0.011 χ^2 /NDF: 6189153.7/81

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -933.996 ± 186.040 χ^2/NDF : 78.8/23

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 53.413 ± 187.000 χ^2/NDF : 24.9/22

Left: -442.833 ± 131.888 χ^2/NDF : 117.7/46

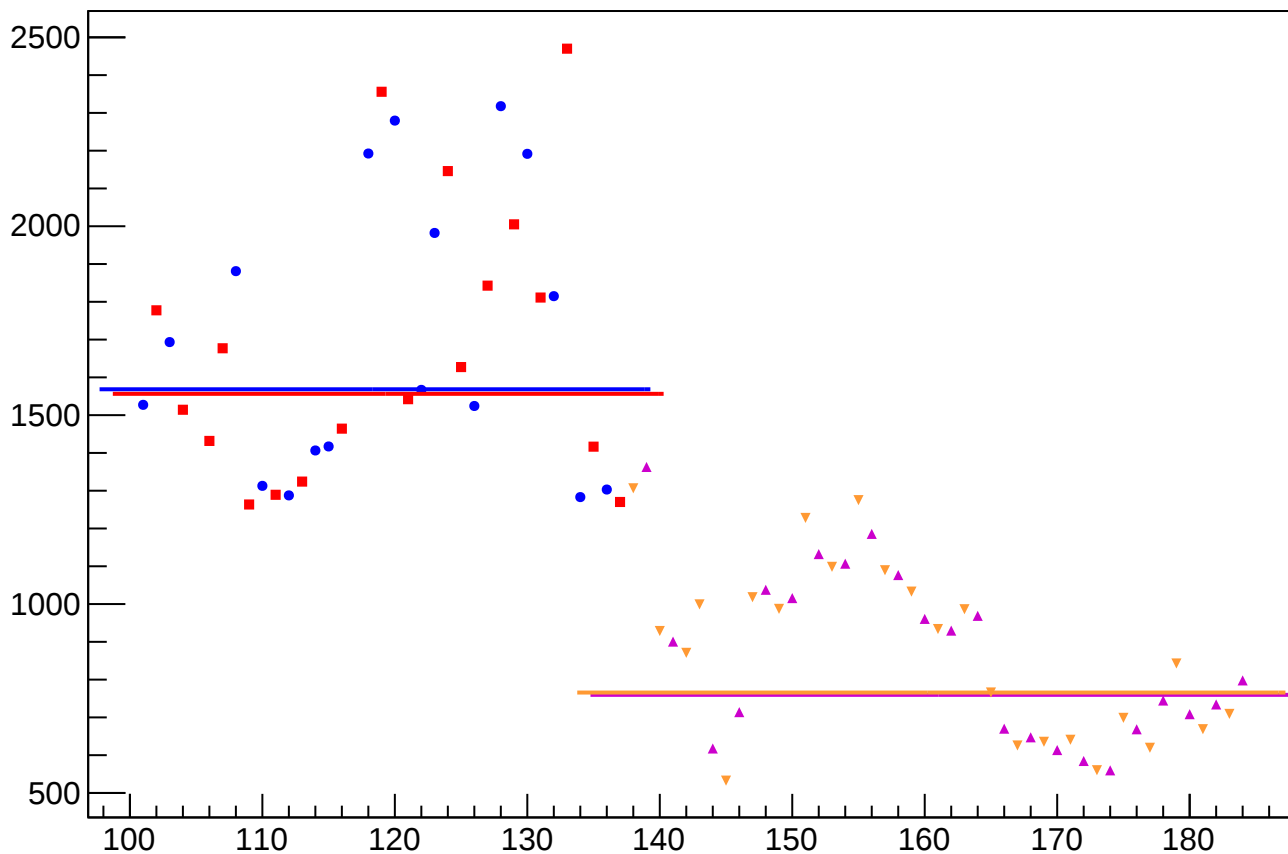
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -3.172 ± 179.070 χ^2/NDF : 50.3/39

Out: -756.023 ± 177.681 χ^2/NDF : 98.6/41

All: -382.529 ± 126.128 χ^2/NDF : 157.8/81

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 765.786+/-0.132 χ^2/NDF : 2422489.2/23

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 759.696+/-0.132 χ^2/NDF : 2080981.0/22

Left: 762.757+/-0.093 χ^2/NDF : 4504536.0/46

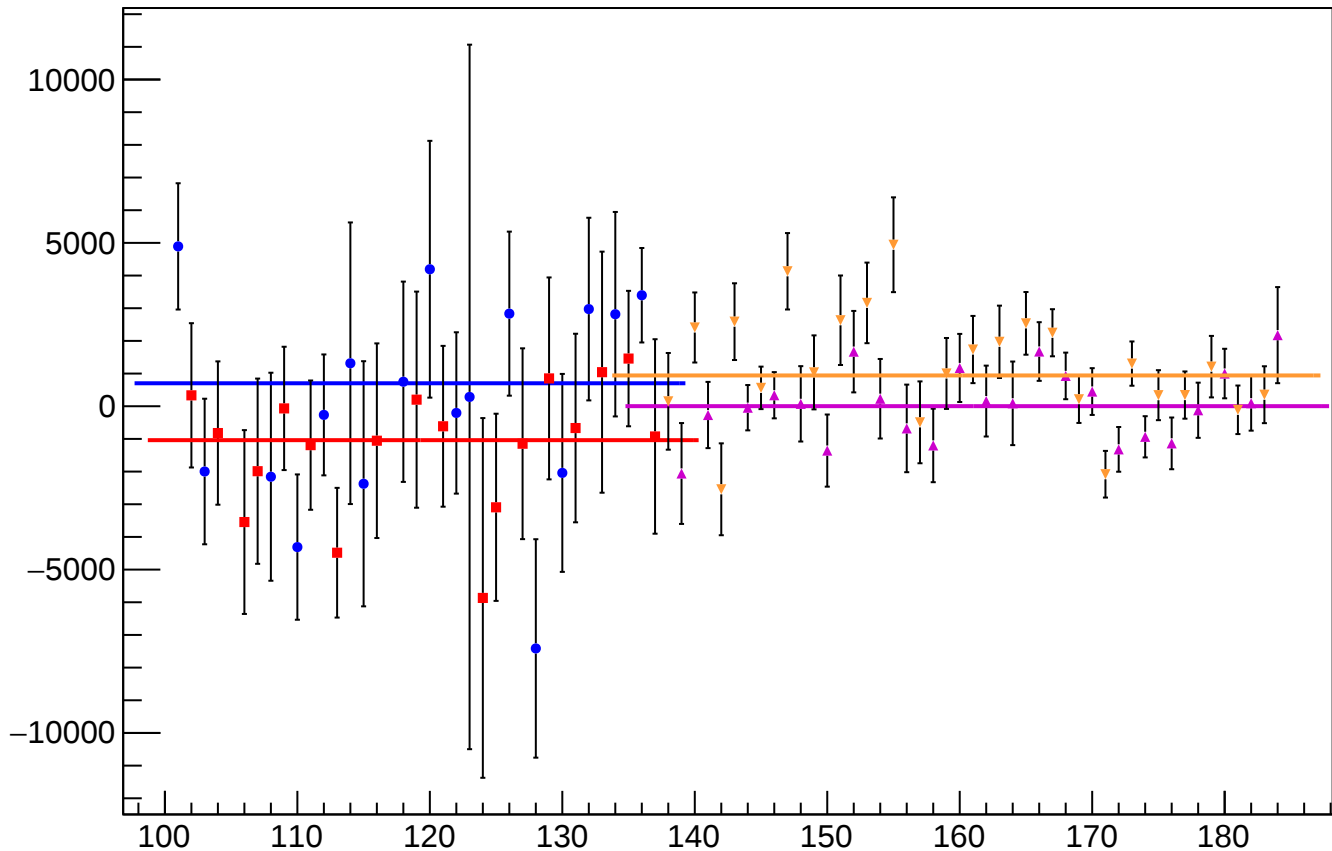
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 826.841+/-0.127 χ^2/NDF : 5721108.7/39

Out: 835.241+/-0.126 χ^2/NDF : 6106156.0/41

All: 831.074+/-0.089 χ^2/NDF : 11829482.0/83

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 942.464 $\pm$ 188.039 χ^2 /NDF: 62.3/23

Right Out: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: 2.470 $\pm$ 187.271 χ^2 /NDF: 25.6/22

Left: 470.545 $\pm$ 132.691 χ^2 /NDF: 100.5/46

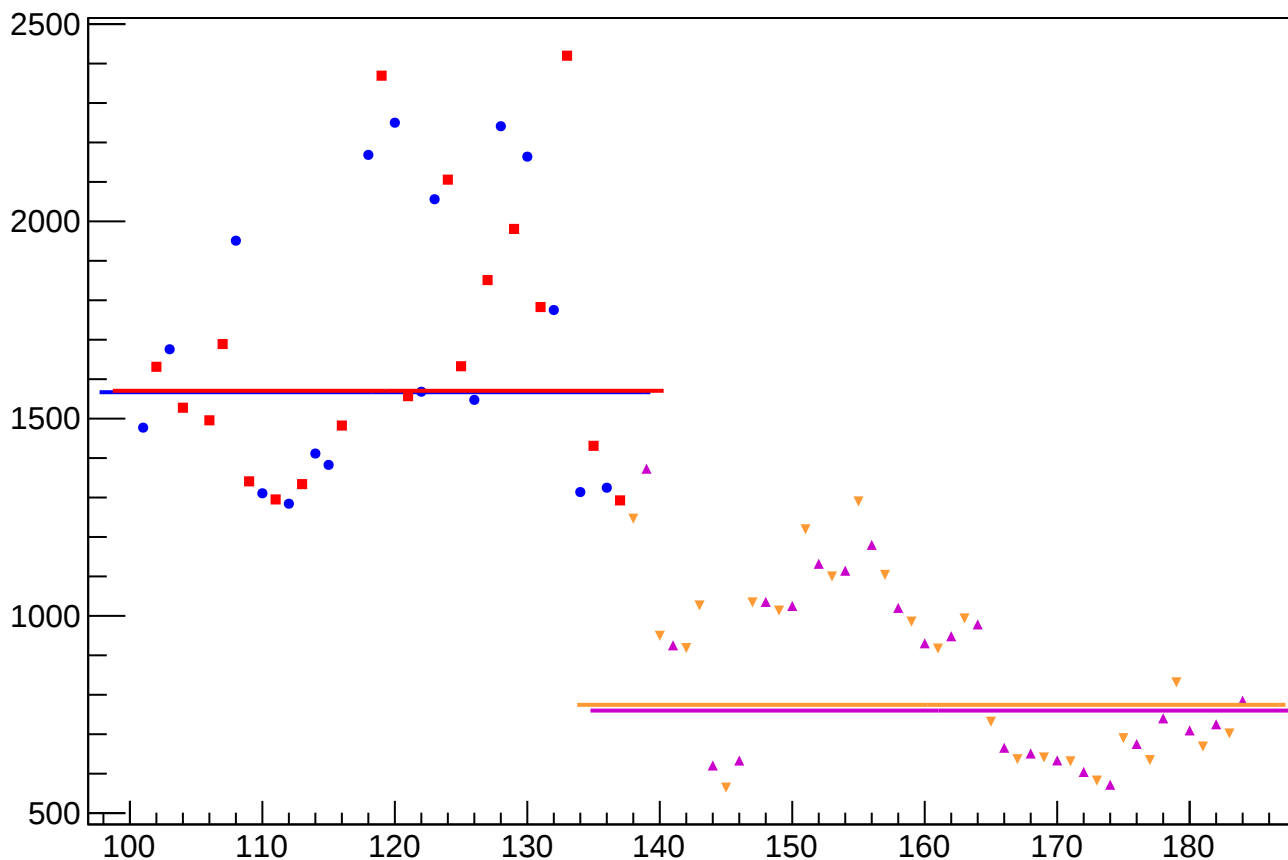
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: 60.936 $\pm$ 179.287 χ^2 /NDF: 52.8/39

Out: 767.570 $\pm$ 179.546 χ^2 /NDF: 80.3/41

All: 413.743 $\pm$ 126.866 χ^2 /NDF: 140.8/81

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 774.511 $\pm$ 0.133 χ^2 /NDF: 2245999.1/23

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

Left: 767.193 $\pm$ 0.094 χ^2 /NDF: 4266736.1/46

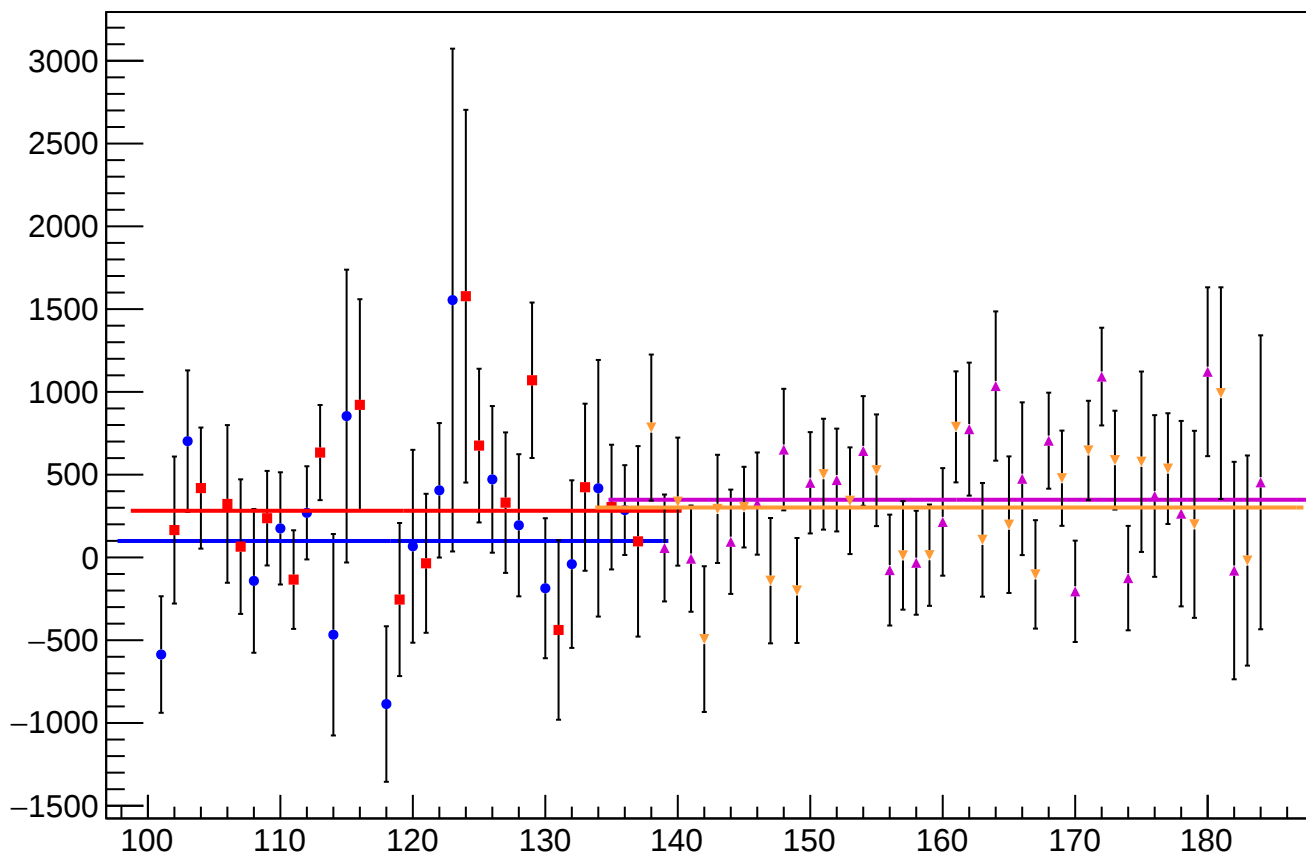
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 827.282 $\pm$ 0.127 χ^2 /NDF: 5613992.7/39

Out: 844.794 $\pm$ 0.127 χ^2 /NDF: 5849867.9/41

All: 836.026 $\pm$ 0.090 χ^2 /NDF: 11473387.4/83

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 301.537 $\pm$ 71.649 χ^2/NDF : 19.7/23

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 348.428 $\pm$ 74.384 χ^2/NDF : 27.4/22

Left: 324.104 $\pm$ 51.603 χ^2/NDF : 47.2/46

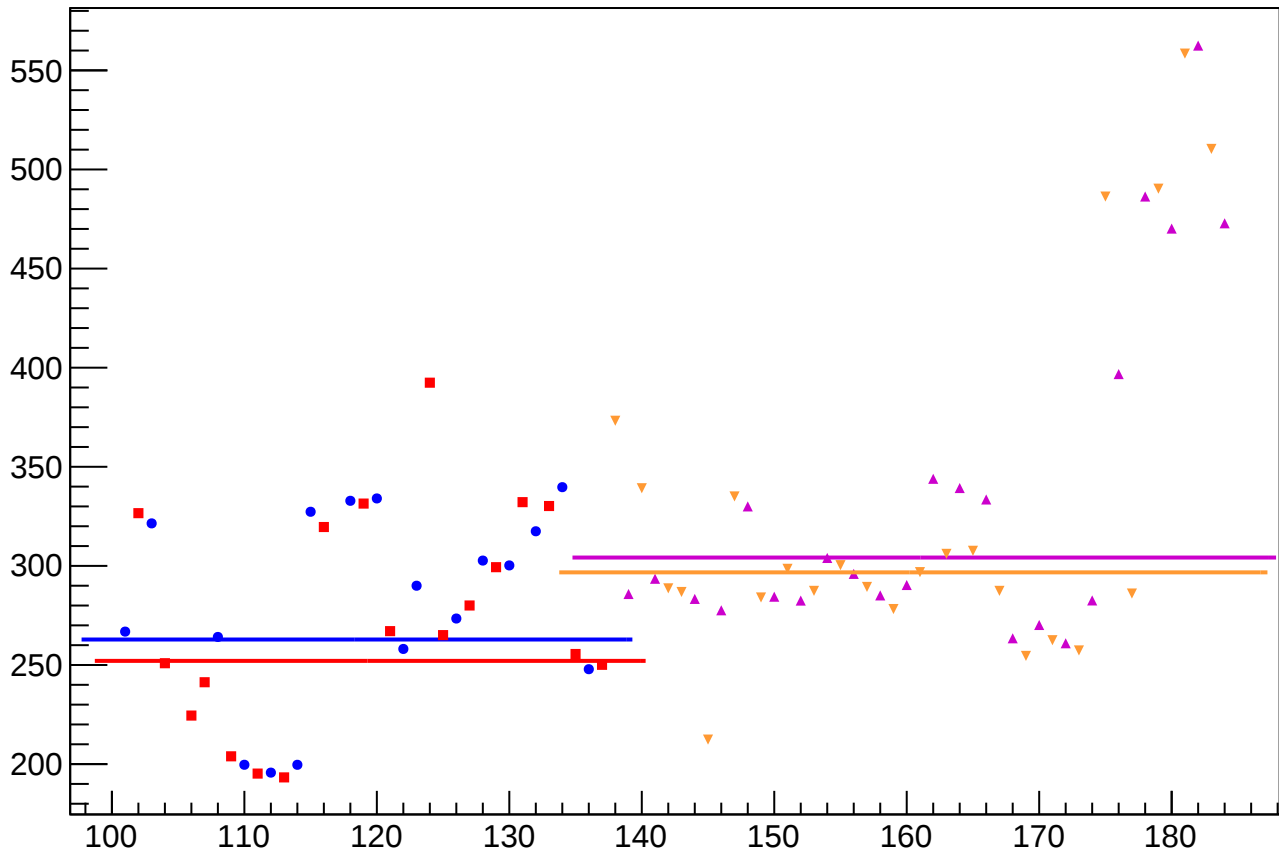
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 263.567 $\pm$ 60.396 χ^2/NDF : 47.1/39

Out: 294.662 $\pm$ 57.815 χ^2/NDF : 33.4/41

All: 279.793 $\pm$ 41.764 χ^2/NDF : 80.6/81

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 296.734 $\pm$ 0.051 χ^2 /NDF:1509514.4/23

Right Out: 252.079 $\pm$ 0.069 χ^2 /NDF: 515150.4/17

Left In: 304.211 $\pm$ 0.053 χ^2 /NDF:1105493.1/22

Left: 300.333 $\pm$ 0.036 χ^2 /NDF: 2625488.8/46

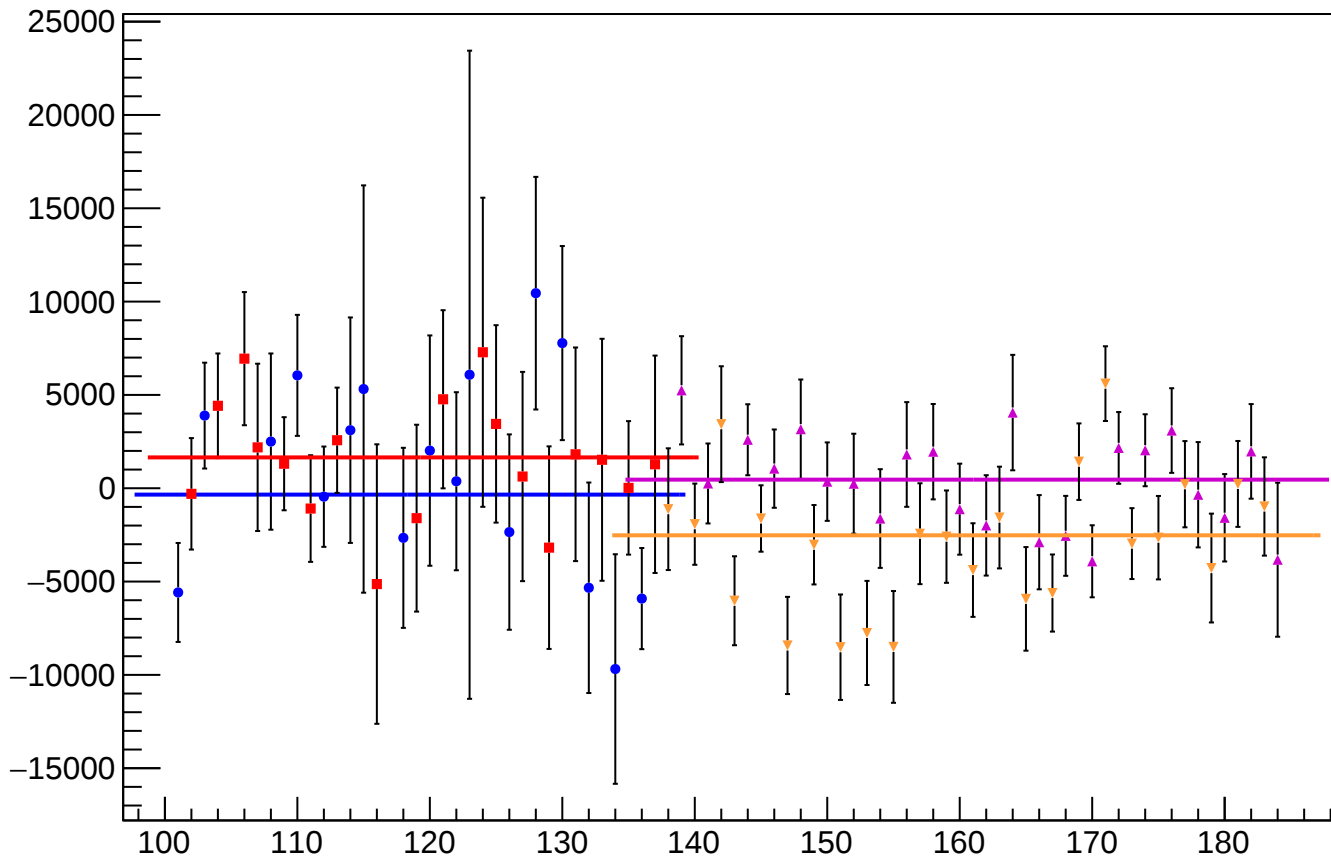
Right: 257.169 $\pm$ 0.050 χ^2 /NDF: 938300.0/34

In: 290.119 $\pm$ 0.043 χ^2 /NDF:1727837.6/39

Out: 281.155 $\pm$ 0.041 χ^2 /NDF:2295708.2/41

All: 285.441 $\pm$ 0.030 χ^2 /NDF: 4046539.1/81

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2521.563+/-488.162 χ^2/NDF : 51.8/23

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 460.244+/-494.914 χ^2/NDF : 22.9/22

Left: -1051.136+/-347.545 χ^2/NDF : 93.0/46

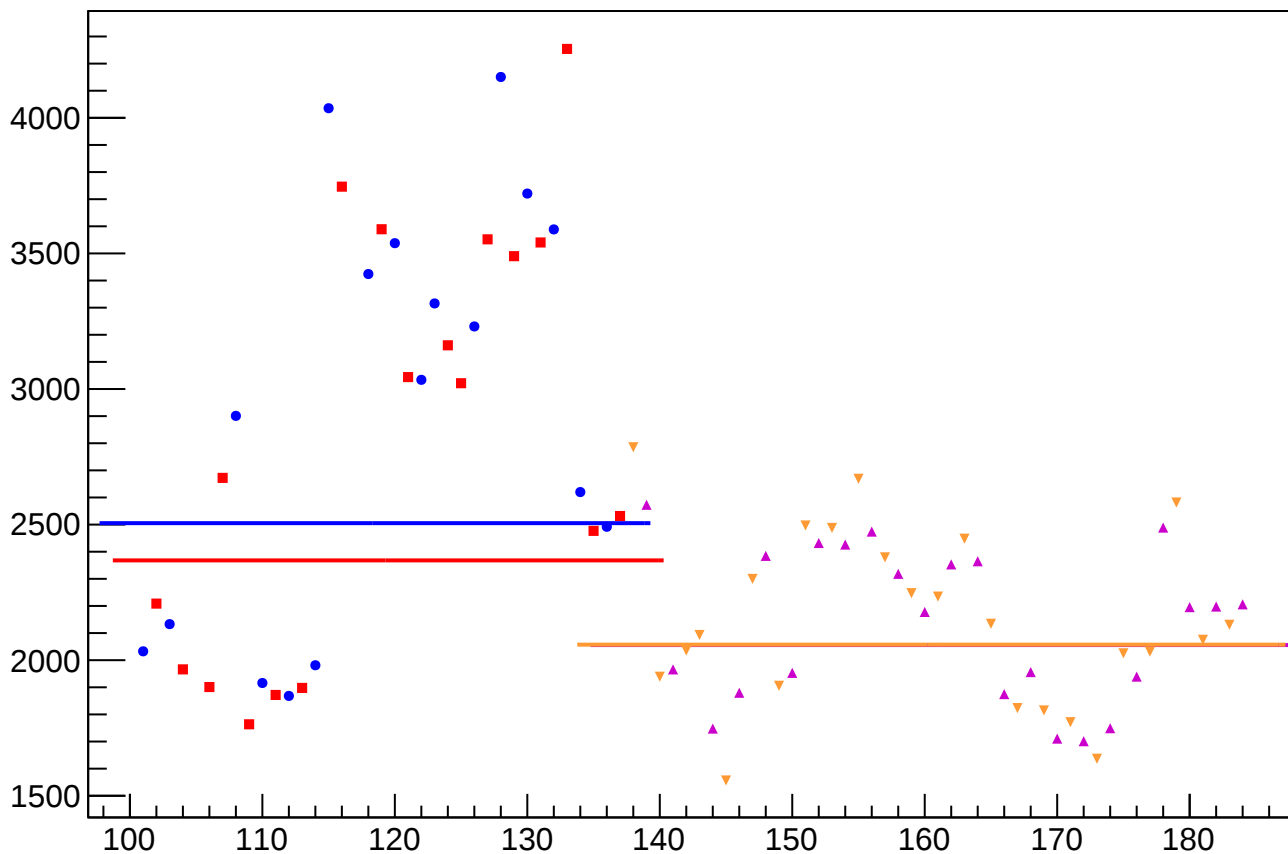
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 303.663+/-443.965 χ^2/NDF : 47.8/39

Out: -1619.827+/-432.220 χ^2/NDF : 75.5/41

All: -683.860+/-309.695 χ^2/NDF : 132.9/81

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2057.270+/-0.345 χ^2/NDF : 824064.2/23

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2055.758+/-0.350 χ^2/NDF : 628611.0/22

Left: 2056.525+/-0.246 χ^2/NDF : 1452684.6/46

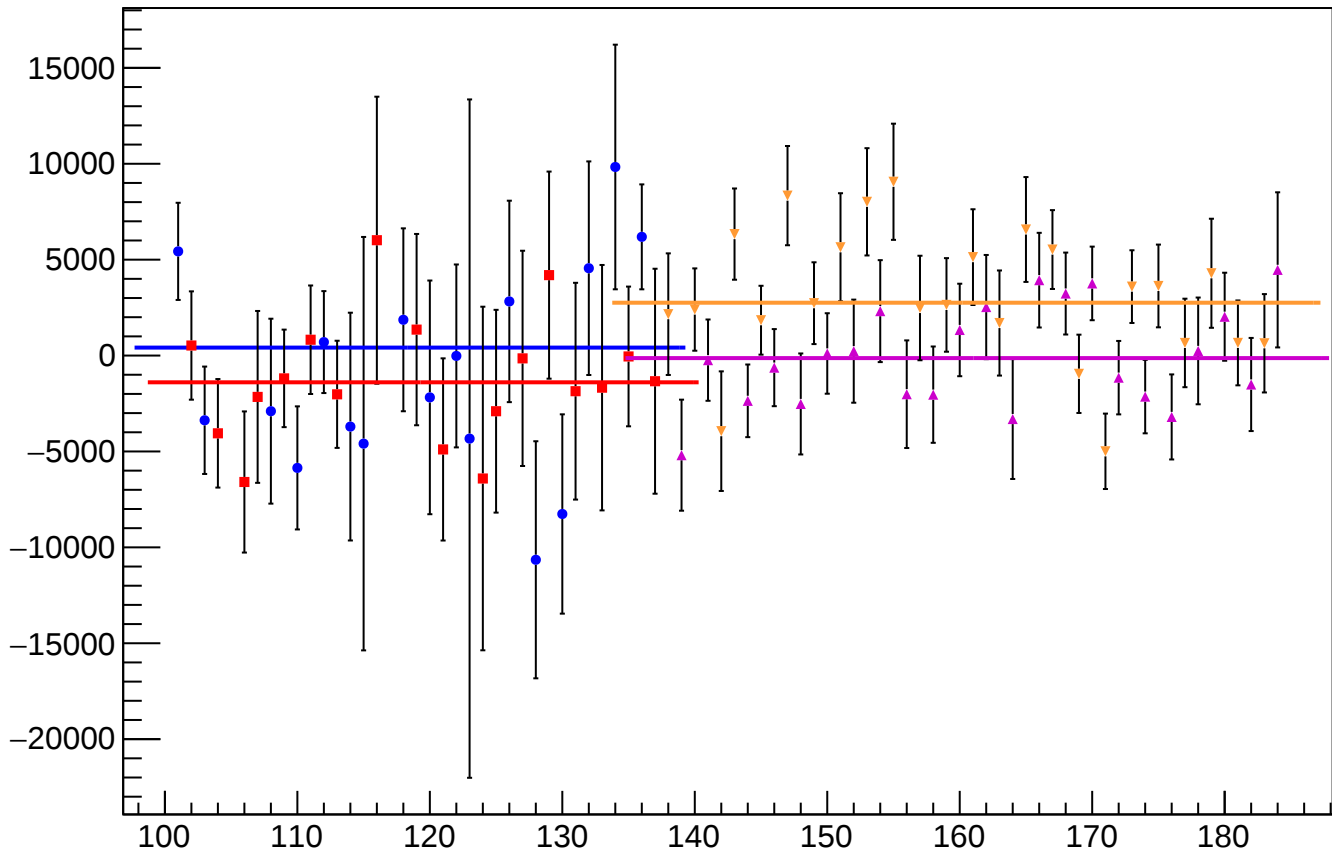
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2143.555+/-0.314 χ^2/NDF : 1815037.0/39

Out: 2124.408+/-0.306 χ^2/NDF : 2030030.7/41

All: 2133.725+/-0.219 χ^2/NDF : 3846977.6/83

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2755.575 $\pm$ 484.204 χ^2 /NDF:47.5/23

Right Out: -1394.660 $\pm$ 928.996 χ^2 /NDF: 7.5/17

Left In: -132.307 $\pm$ 489.752 χ^2 /NDF:24.7/22

Left: 1328.082 $\pm$ 344.329 χ^2 /NDF: 89.8/46

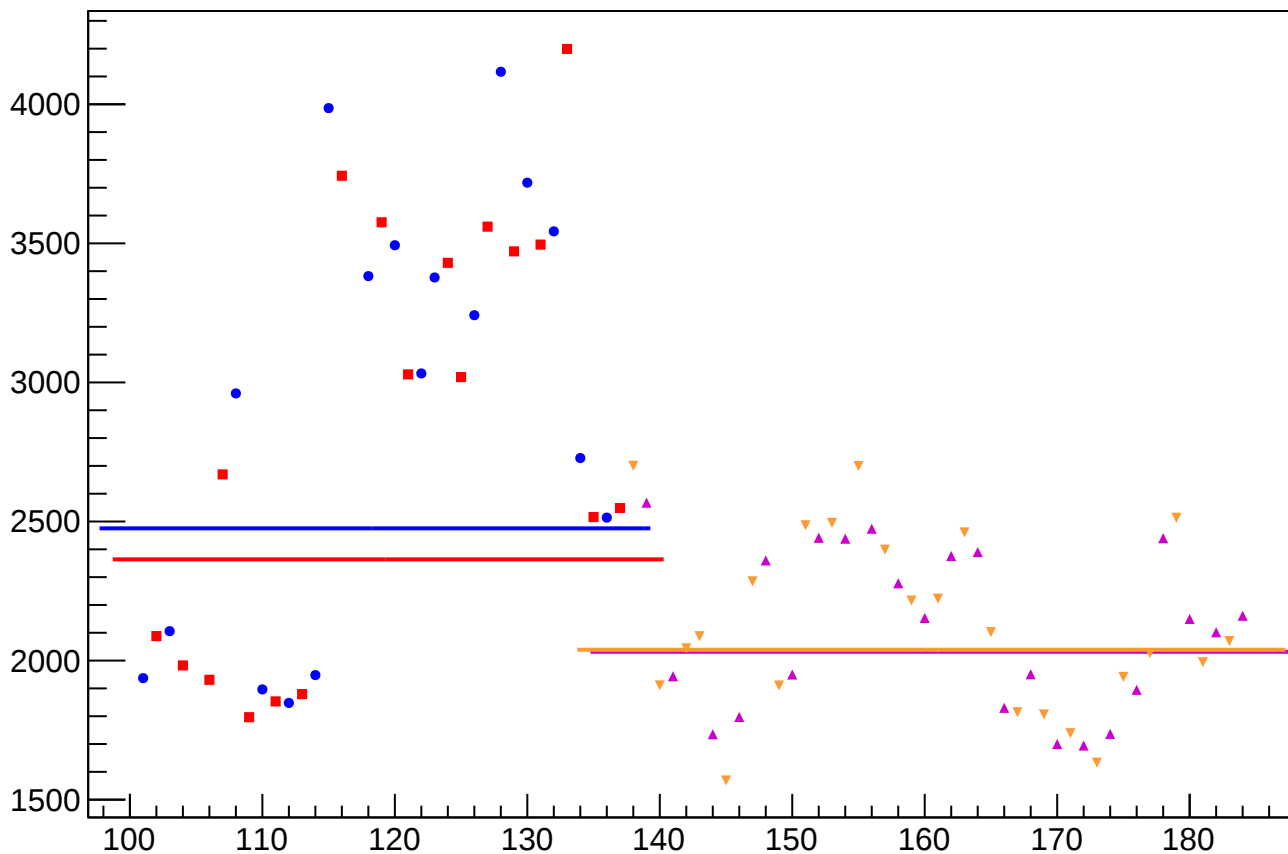
Right: -551.504 $\pm$ 679.008 χ^2 /NDF: 33.8/34

In: -25.447 $\pm$ 439.400 χ^2 /NDF:49.5/39

Out: 1868.969 $\pm$ 429.381 χ^2 /NDF:70.7/41

All: 943.606 $\pm$ 307.099 χ^2 /NDF: 129.7/81

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2038.995 $\pm$ 0.342 χ^2 /NDF: 809876.0/23

Right Out: 2363.907 $\pm$ 0.657 χ^2 /NDF: 1026875.6/17

Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF: 653382.0/22

Left: 2035.385 $\pm$ 0.243 χ^2 /NDF: 1463482.9/46

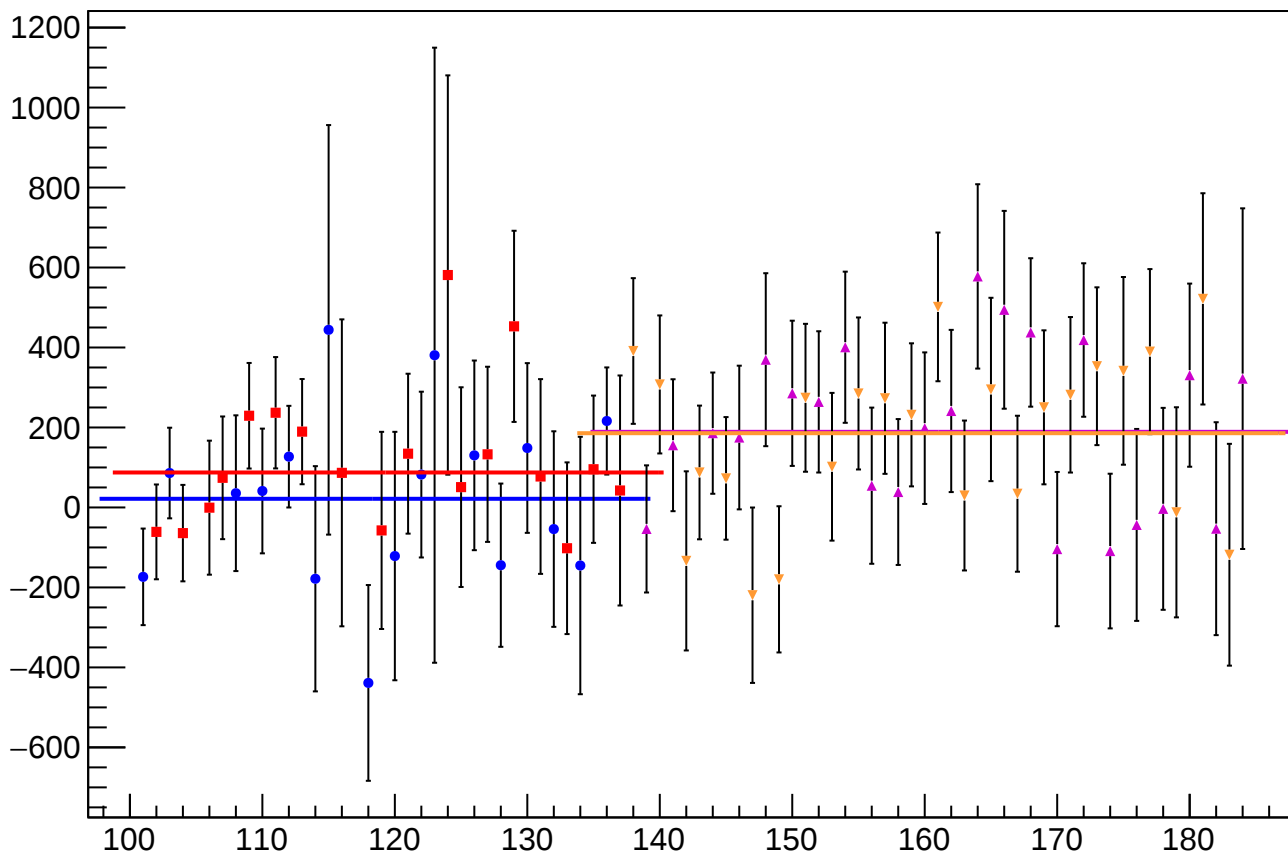
Right: 2415.854 $\pm$ 0.480 χ^2 /NDF: 1953375.1/34

In: 2118.245 $\pm$ 0.311 χ^2 /NDF: 1886705.9/39

Out: 2108.405 $\pm$ 0.304 χ^2 /NDF: 2029132.2/41

All: 2113.212 $\pm$ 0.217 χ^2 /NDF: 3916351.1/83

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 185.685 $\pm$ 40.050 χ^2 /NDF:23.4/23

Right Out: 87.439 $\pm$ 41.826 χ^2 /NDF: 10.9/17

Left In: 189.100 $\pm$ 41.249 χ^2 /NDF:21.1/22

Left: 187.342 $\pm$ 28.734 χ^2 /NDF: 44.5/46

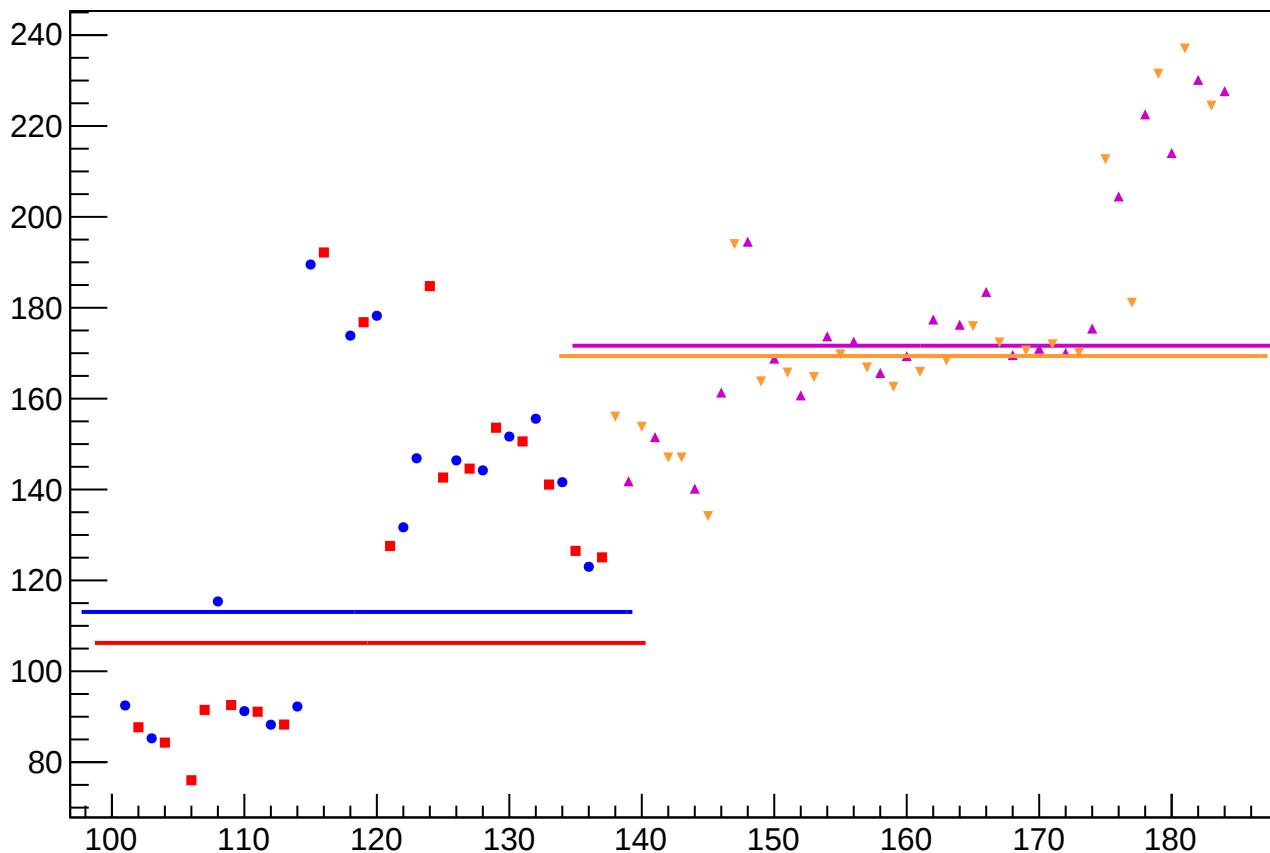
Right: 57.059 $\pm$ 30.686 χ^2 /NDF: 24.7/34

In: 112.931 $\pm$ 30.456 χ^2 /NDF:41.2/39

Out: 138.693 $\pm$ 28.927 χ^2 /NDF:37.2/41

All: 126.474 $\pm$ 20.974 χ^2 /NDF: 78.8/81

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 169.377 $\pm$ 0.028 χ^2 /NDF: 620325.8/23

Right Out: 106.240 $\pm$ 0.030 χ^2 /NDF: 951702.9/17

Left In: 171.646 $\pm$ 0.029 χ^2 /NDF: 552888.4/22

Left: 170.478 $\pm$ 0.020 χ^2 /NDF: 1176328.9/46

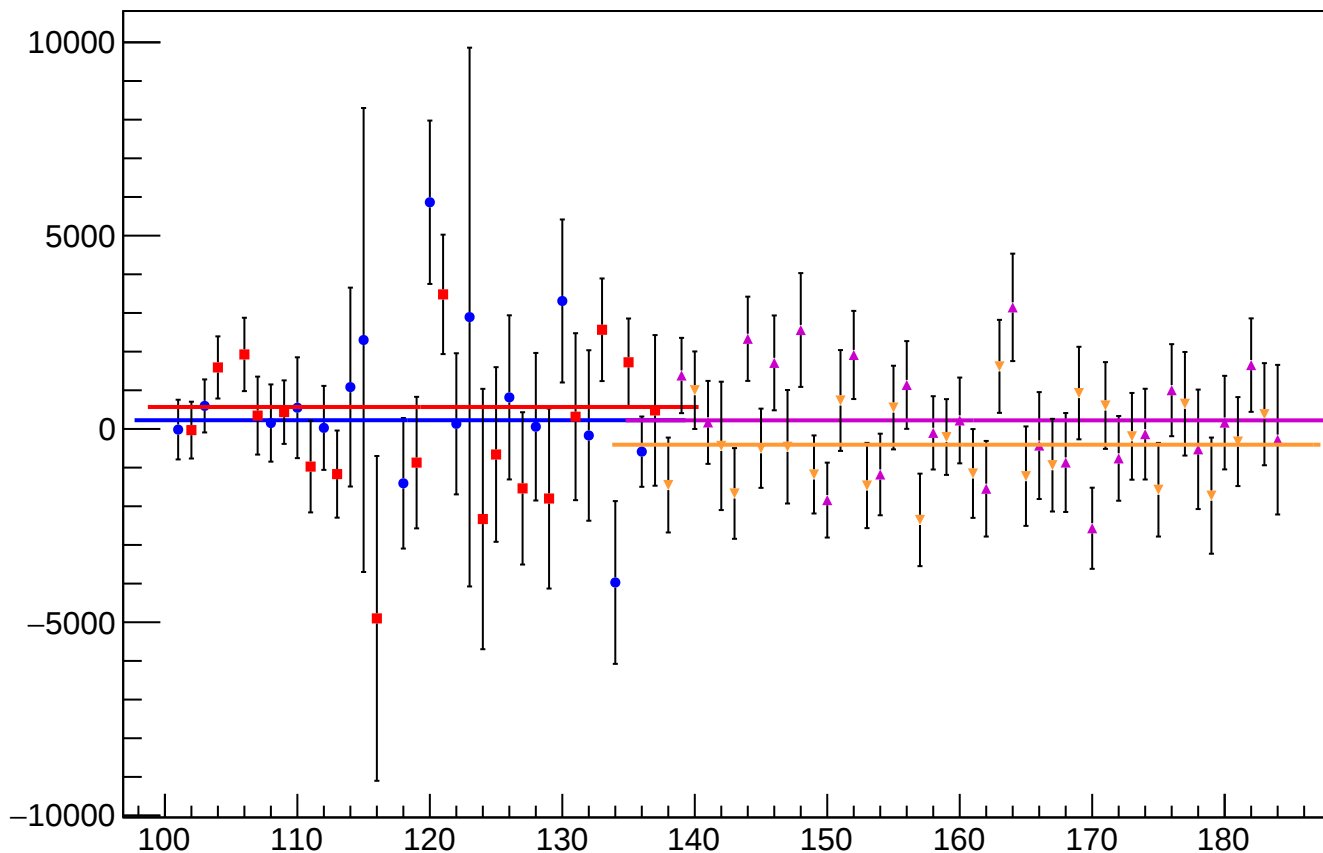
Right: 109.389 $\pm$ 0.022 χ^2 /NDF: 1797042.6/34

In: 144.996 $\pm$ 0.022 χ^2 /NDF: 3208912.3/39

Out: 139.178 $\pm$ 0.020 χ^2 /NDF: 3949459.4/41

All: 141.937 $\pm$ 0.015 χ^2 /NDF: 7196747.4/81

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -407.531+/-241.127 χ^2/NDF : 18.2/23

Right Out: 568.109+/-290.500 χ^2/NDF : 21.0/17

Left In: 222.173+/-243.547 χ^2/NDF : 35.9/22

Left: -95.823+/-171.352 χ^2/NDF : 57.6/46

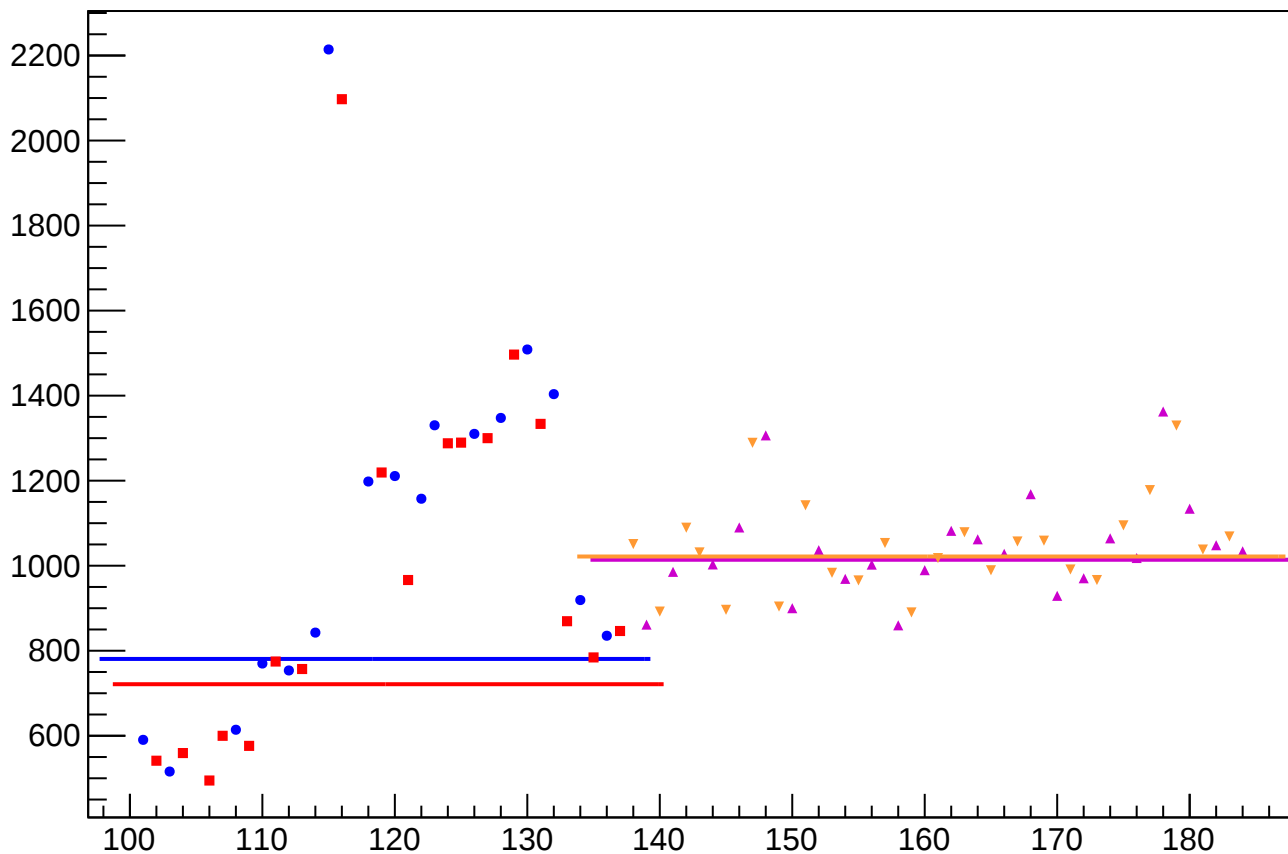
Right: 414.129+/-215.517 χ^2/NDF : 37.6/34

In: 223.436+/-194.114 χ^2/NDF : 51.9/39

Out: -9.545+/-185.539 χ^2/NDF : 45.9/41

All: 101.686+/-134.125 χ^2/NDF : 98.5/81

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 1021.631+/-0.171 χ^2/NDF : 361199.4/23

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 1013.992+/-0.172 χ^2/NDF : 404573.8/22

Left: 1017.849+/-0.121 χ^2/NDF : 766766.8/46

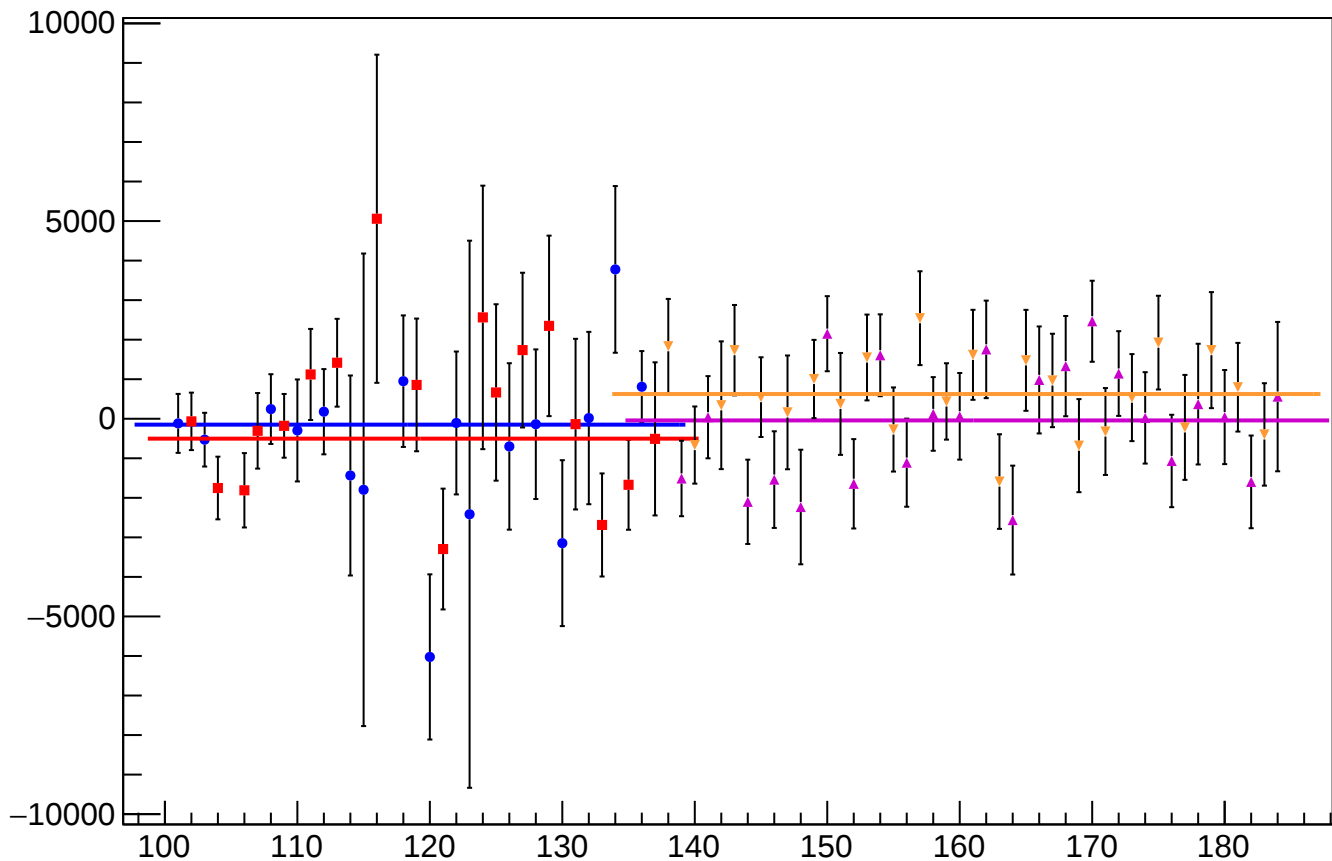
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 928.900+/-0.137 χ^2/NDF : 2683432.5/39

Out: 899.104+/-0.131 χ^2/NDF : 3253788.1/41

All: 913.329+/-0.095 χ^2/NDF : 5961845.2/81

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163+/-312.963 χ^2/NDF : 16.1/16

Left Out: 625.002+/-236.930 χ^2/NDF : 17.6/23

Right Out: -503.162+/-285.781 χ^2/NDF : 23.6/17

Left In: -42.397+/-239.278 χ^2/NDF : 37.9/22

Left: 294.593+/-168.359 χ^2/NDF : 59.5/46

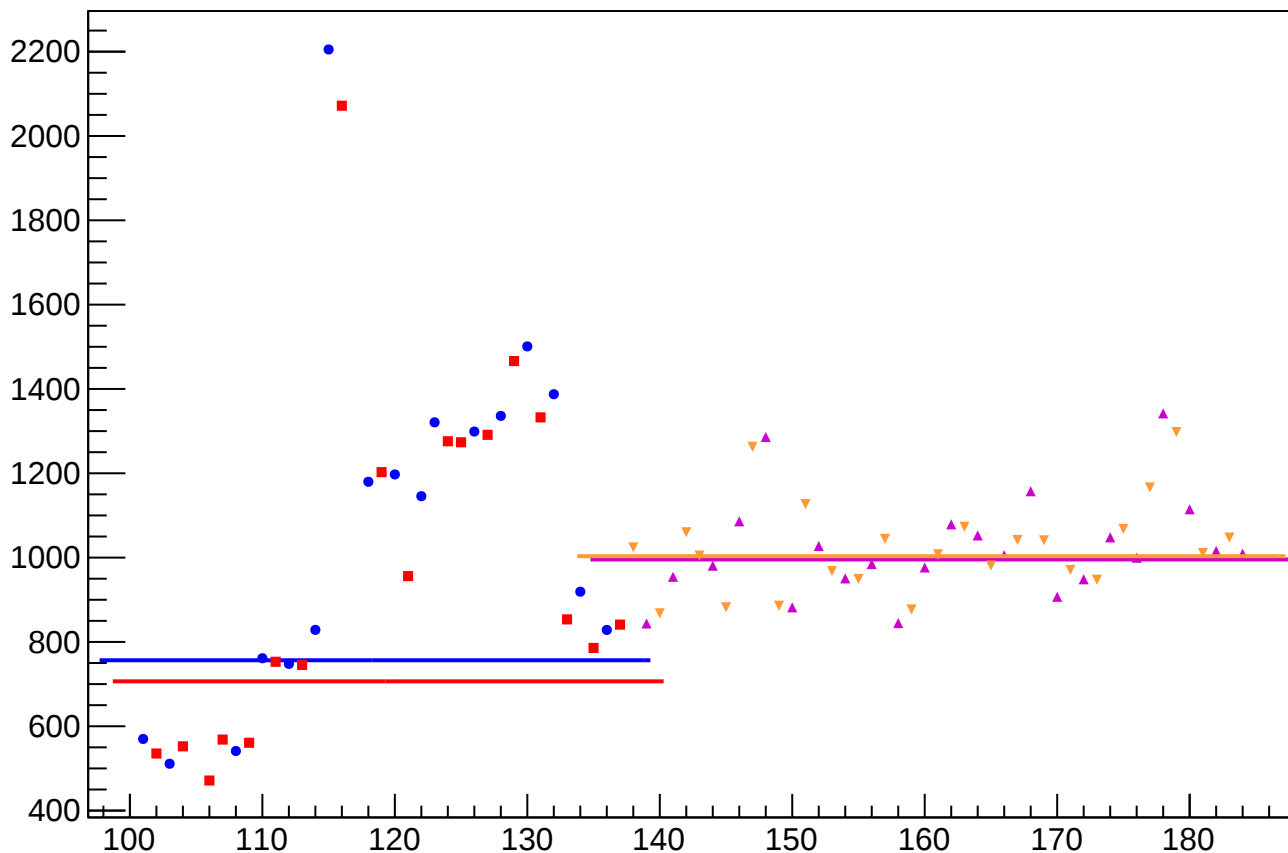
Right: -342.200+/-211.034 χ^2/NDF : 40.4/34

In: -81.784+/-190.086 χ^2/NDF : 54.1/39

Out: 165.442+/-182.397 χ^2/NDF : 50.5/41

All: 46.930+/-131.609 χ^2/NDF : 105.5/81

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1003.344 $\pm$ 0.168 χ^2 /NDF: 363624.7/23

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

Left: 999.505 $\pm$ 0.119 χ^2 /NDF: 789119.9/46

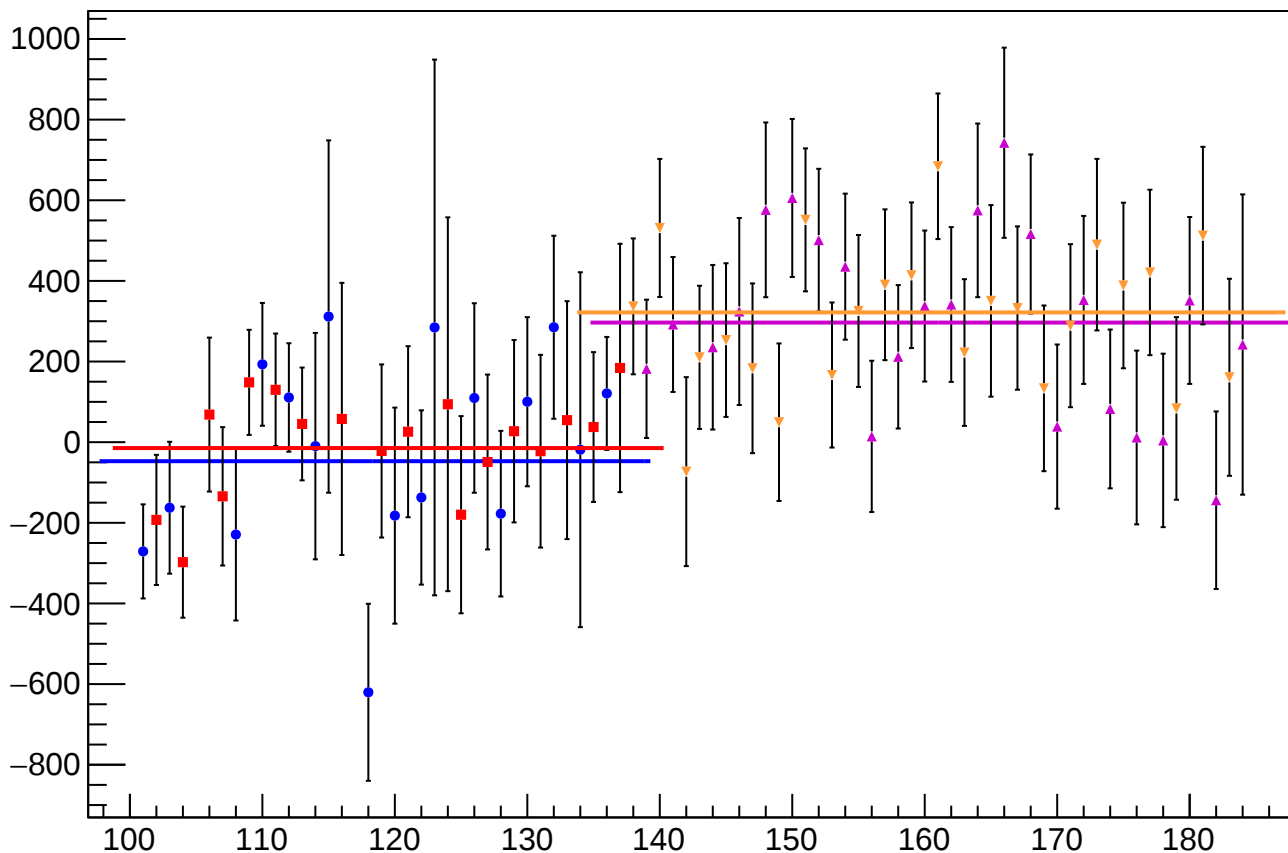
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 907.403 $\pm$ 0.134 χ^2 /NDF: 2874487.0/39

Out: 882.445 $\pm$ 0.129 χ^2 /NDF: 3312047.0/41

All: 894.409 $\pm$ 0.093 χ^2 /NDF: 6204485.0/81

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 321.903 ± 40.055 $\chi^2/\text{NDF}: 18.5/23$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 296.645 ± 41.875 $\chi^2/\text{NDF}: 26.3/22$

Left: 309.835 ± 28.945 $\chi^2/\text{NDF}: 45.0/46$

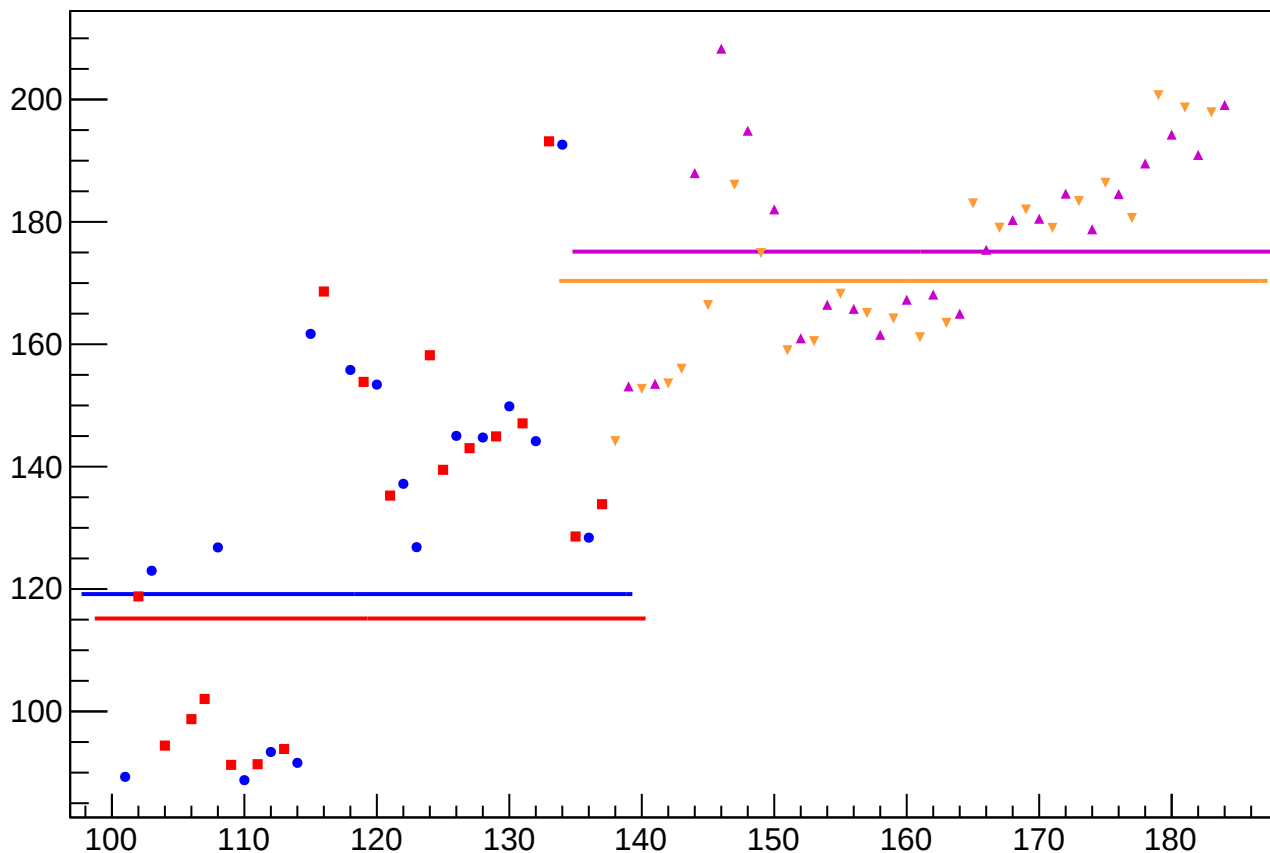
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 145.469 ± 31.344 $\chi^2/\text{NDF}: 77.8/39$

Out: 172.584 ± 29.875 $\chi^2/\text{NDF}: 60.0/41$

All: 159.677 ± 21.626 $\chi^2/\text{NDF}: 138.2/81$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 170.354+/-0.028 χ^2/NDF : 270906.9/23

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 175.139+/-0.030 χ^2/NDF : 234951.0/22

Left: 172.640+/-0.020 χ^2/NDF : 519494.6/46

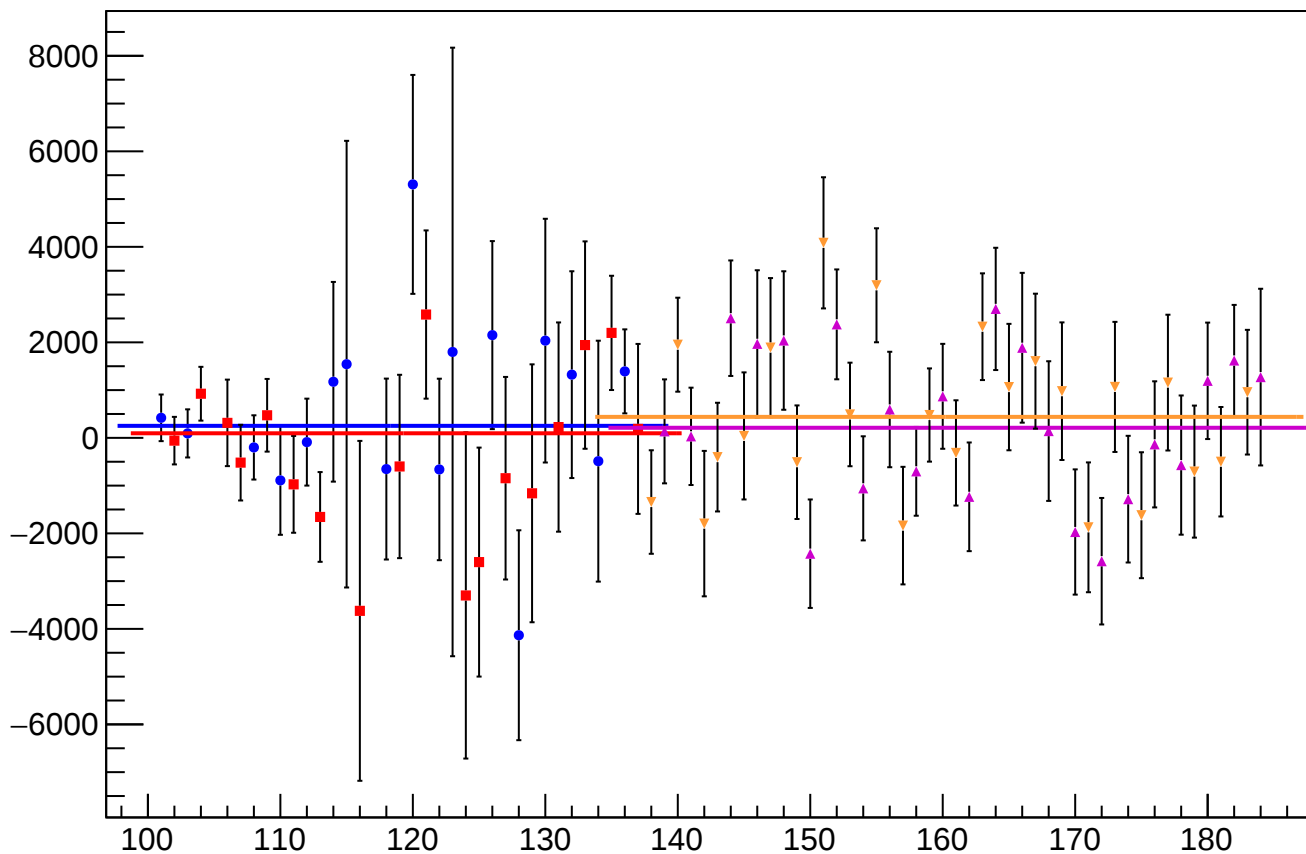
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 150.531+/-0.022 χ^2/NDF : 2421006.3/39

Out: 145.876+/-0.021 χ^2/NDF : 2629810.3/41

All: 148.092+/-0.015 χ^2/NDF : 5073927.3/81

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 439.473+/-251.392 χ^2/NDF : 37.0/23

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 211.216+/-256.884 χ^2/NDF : 36.1/22

Left: 327.810+/-179.671 χ^2/NDF : 73.4/46

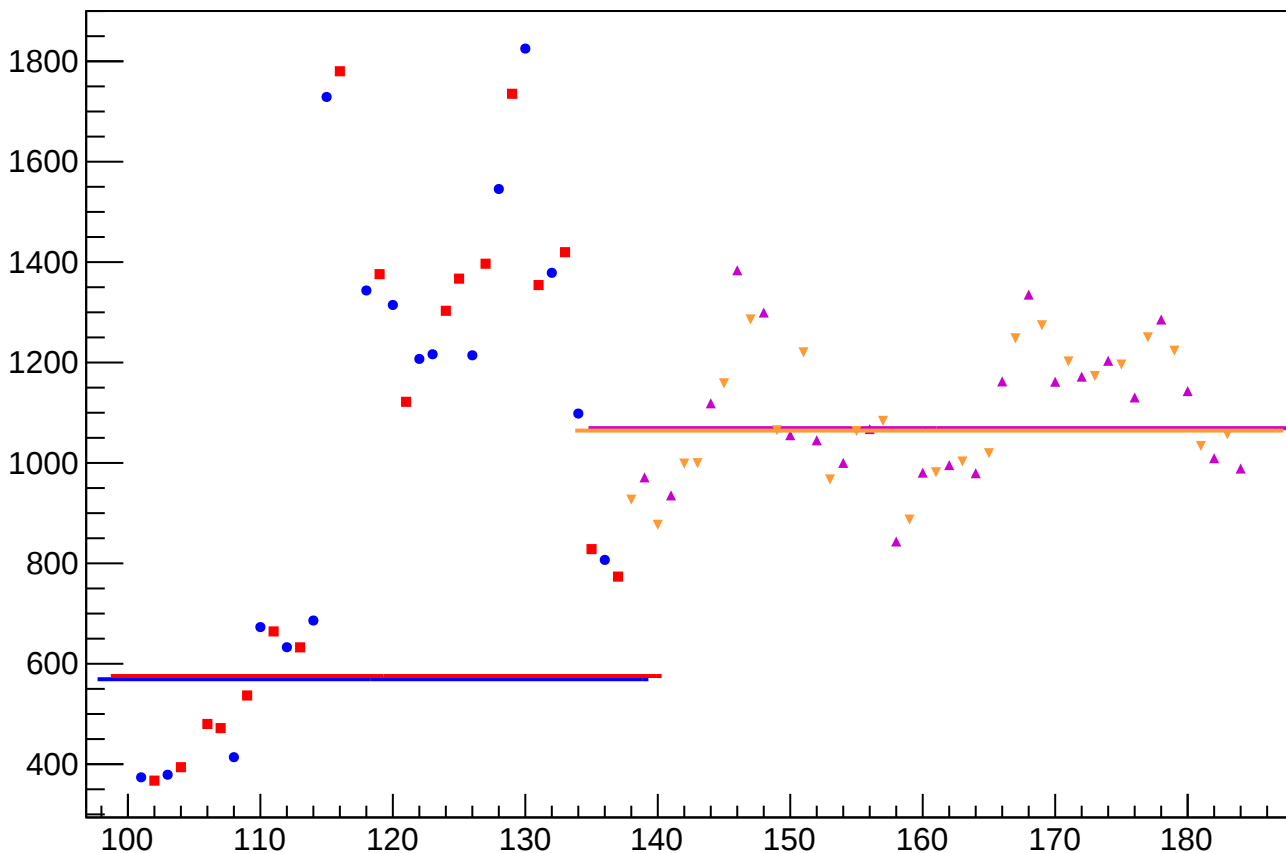
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 231.798+/-180.190 χ^2/NDF : 51.0/39

Out: 263.737+/-175.731 χ^2/NDF : 55.4/41

All: 248.167+/-125.808 χ^2/NDF : 106.4/81

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.472 $\pm$ 0.178 χ^2 /NDF: 491111.3/23

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1069.252 $\pm$ 0.182 χ^2 /NDF: 526609.1/22

Left: 1066.811 $\pm$ 0.127 χ^2 /NDF: 1018074.1/46

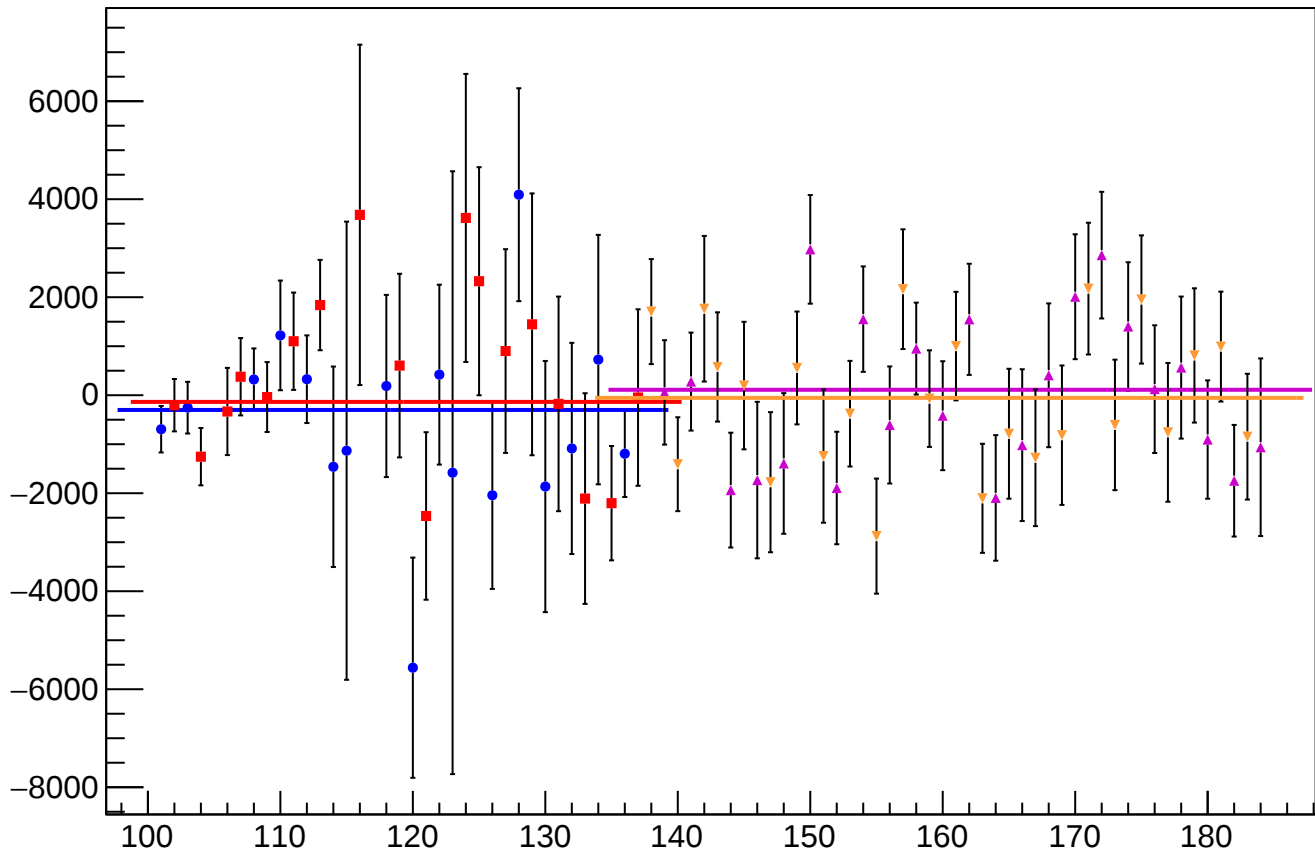
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 815.239 $\pm$ 0.127 χ^2 /NDF: 7643374.8/39

Out: 814.478 $\pm$ 0.124 χ^2 /NDF: 7417208.0/41

All: 814.849 $\pm$ 0.089 χ^2 /NDF: 15060601.1/83

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -54.179 ± 248.357 $\chi^2/\text{NDF}: 31.0/23$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 110.879 ± 254.337 $\chi^2/\text{NDF}: 35.2/22$

Left: 26.387 ± 177.692 $\chi^2/\text{NDF}: 66.4/46$

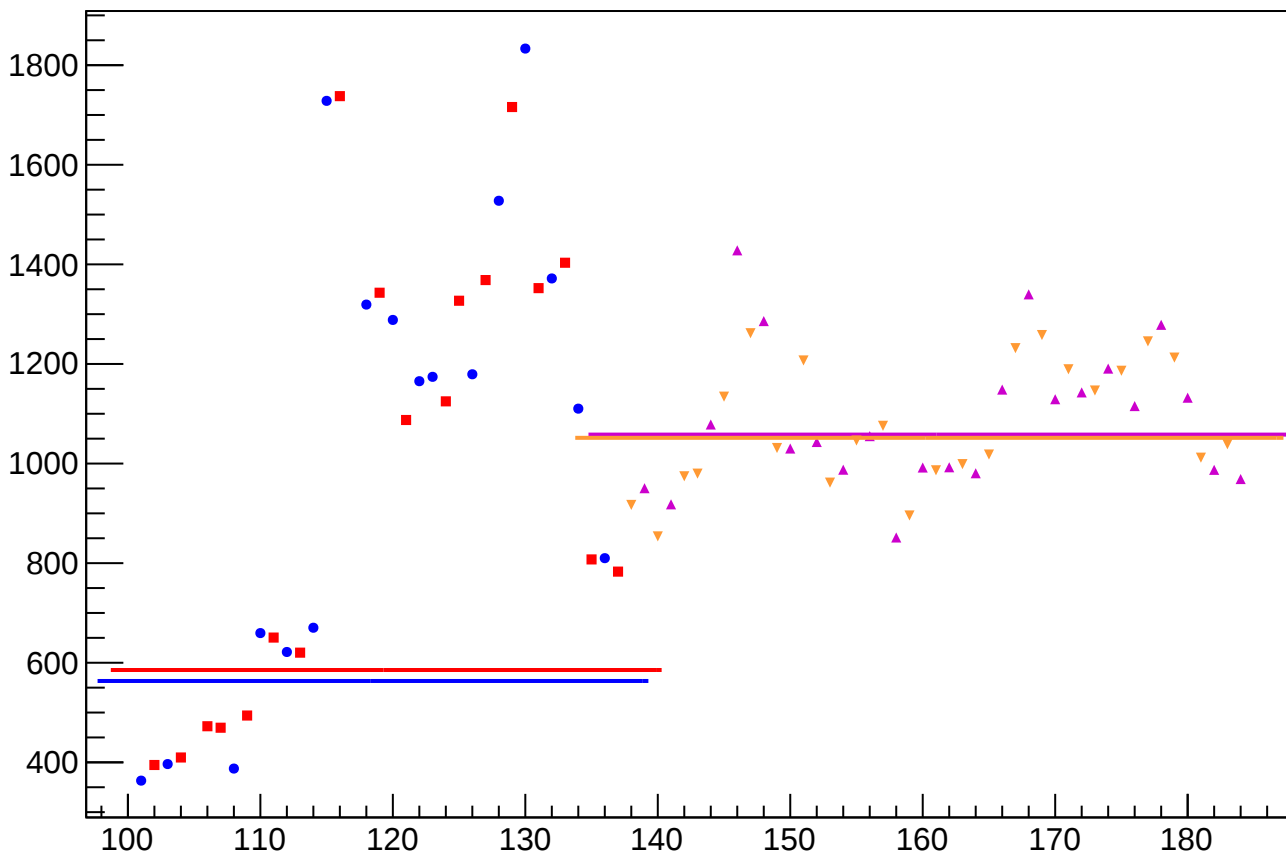
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -98.177 ± 178.400 $\chi^2/\text{NDF}: 53.2/39$

Out: -95.253 ± 175.379 $\chi^2/\text{NDF}: 52.0/41$

All: -96.690 ± 125.066 $\chi^2/\text{NDF}: 105.2/81$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1051.674 $\pm$ 0.176 χ^2 /NDF: 481792.4/23

Right Out: 585.438 $\pm$ 0.175 χ^2 /NDF: 2818143.7/17

Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

Left: 1054.837 $\pm$ 0.126 χ^2 /NDF: 1014716.8/46

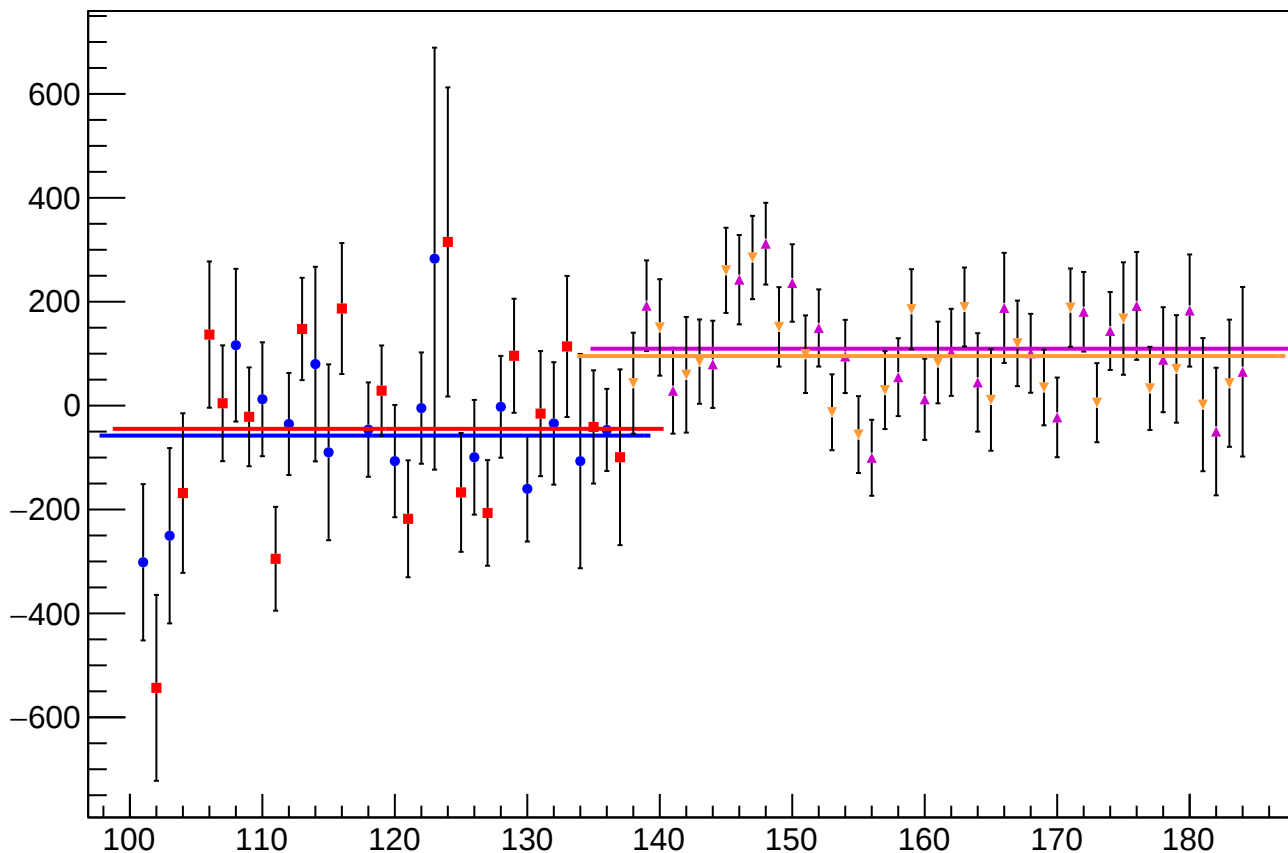
Right: 574.531 $\pm$ 0.124 χ^2 /NDF: 6085027.9/34

In: 806.818 $\pm$ 0.126 χ^2 /NDF: 7635978.8/39

Out: 817.931 $\pm$ 0.124 χ^2 /NDF: 6833567.0/41

All: 812.469 $\pm$ 0.088 χ^2 /NDF: 14473492.7/83

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 95.358 ± 17.119 χ^2/NDF : 27.3/23

Right Out: -44.693 ± 27.711 χ^2/NDF : 35.2/17

Left In: 109.529 ± 17.618 χ^2/NDF : 32.5/22

Left: 102.240 ± 12.278 χ^2/NDF : 60.1/46

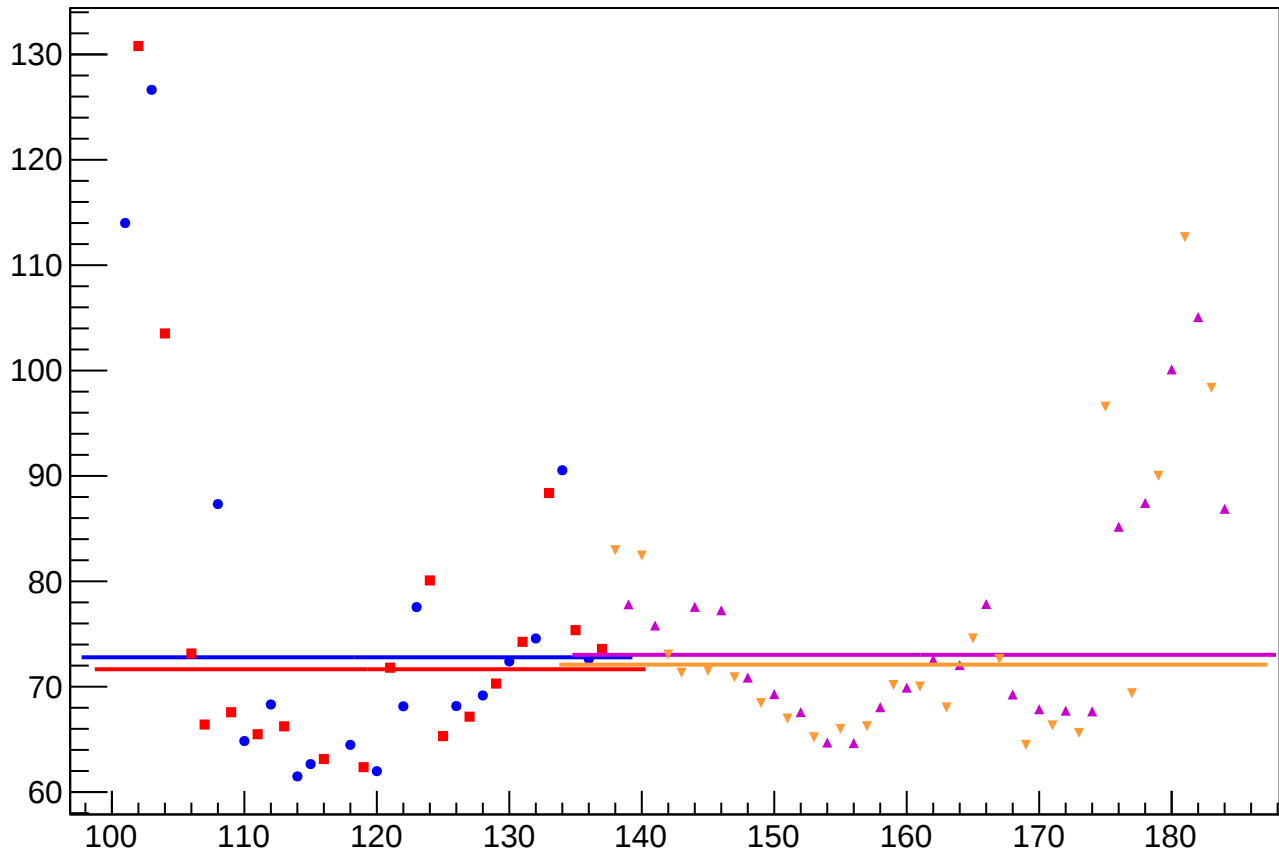
Right: -50.974 ± 19.933 χ^2/NDF : 44.4/34

In: 63.742 ± 15.014 χ^2/NDF : 66.3/39

Out: 56.673 ± 14.564 χ^2/NDF : 81.0/41

All: 60.100 ± 10.454 χ^2/NDF : 147.4/81

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 72.096 $\pm$ 0.012 χ^2 /NDF: 623183.7/23

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 73.025 $\pm$ 0.012 χ^2 /NDF: 485154.7/22

Left: 72.547 $\pm$ 0.009 χ^2 /NDF: 1111193.2/46

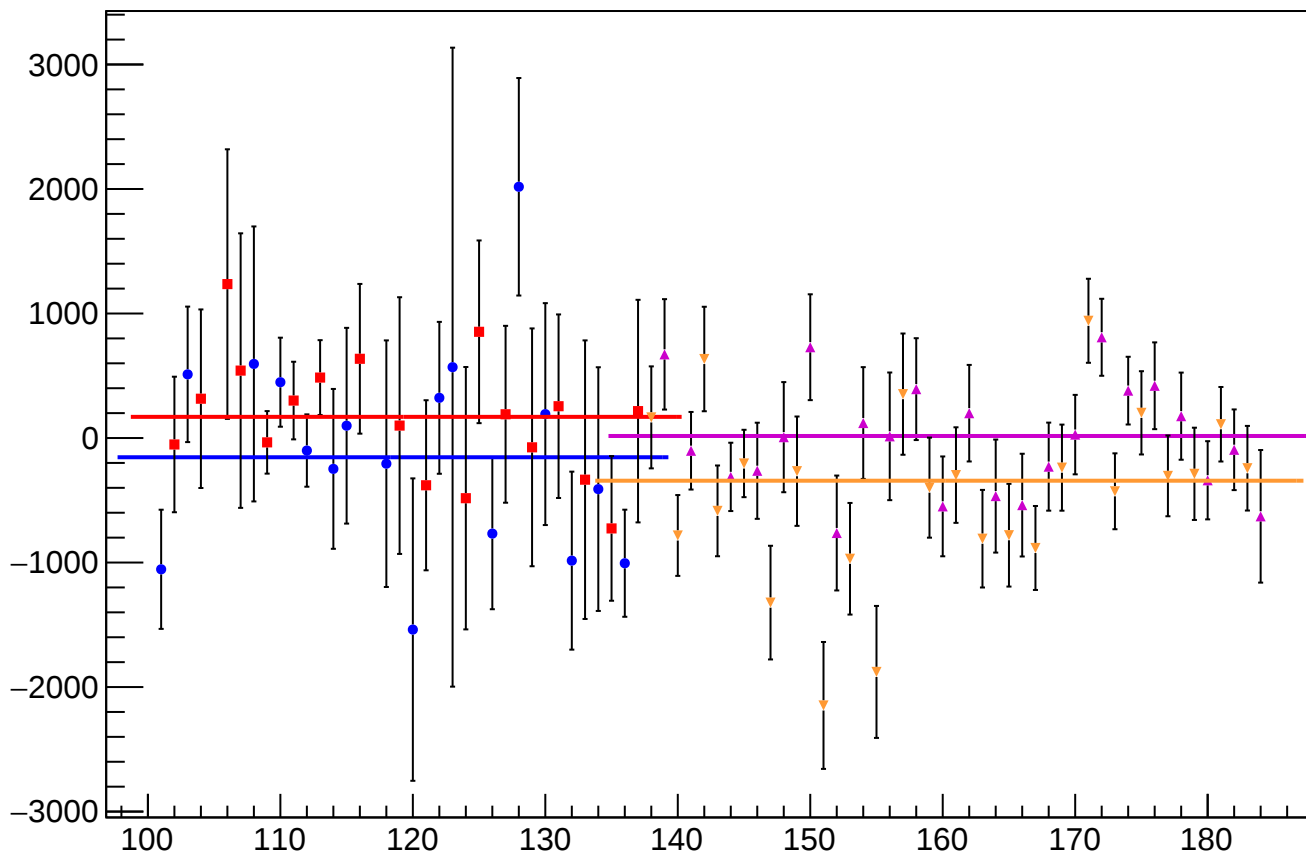
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 72.960 $\pm$ 0.011 χ^2 /NDF: 950024.8/39

Out: 71.975 $\pm$ 0.010 χ^2 /NDF: 1027927.7/41

All: 72.452 $\pm$ 0.007 χ^2 /NDF: 1982394.0/81

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2/NDF : 23.2/16

Left Out: -342.761 $\pm$ 75.255 χ^2/NDF : 63.9/23

Right Out: 170.028 $\pm$ 126.220 χ^2/NDF : 8.4/17

Left In: 16.398 $\pm$ 76.588 χ^2/NDF : 29.3/22

Left: -166.334 $\pm$ 53.679 χ^2/NDF : 104.4/46

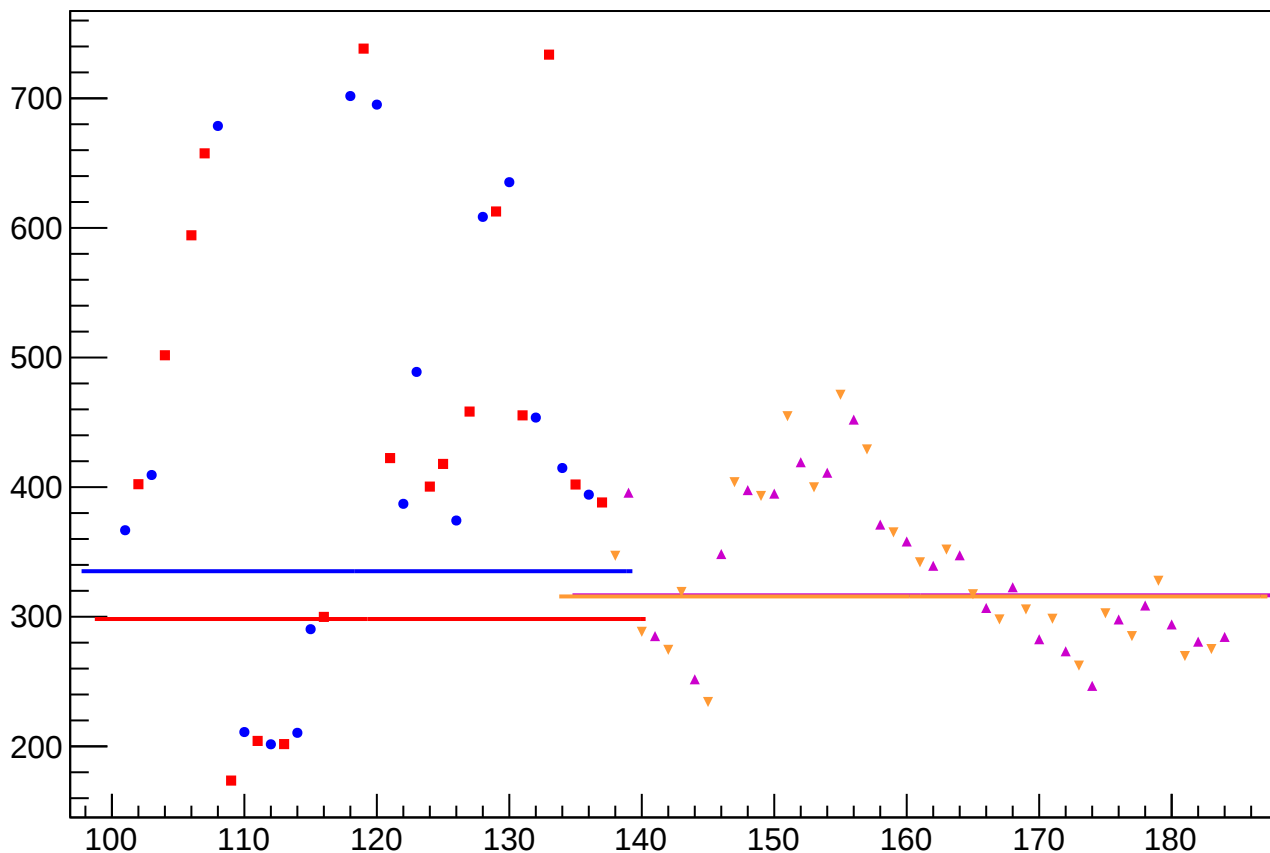
Right: 25.360 $\pm$ 93.955 χ^2/NDF : 34.5/34

In: -22.643 $\pm$ 67.268 χ^2/NDF : 53.6/39

Out: -208.280 $\pm$ 64.638 χ^2/NDF : 84.5/41

All: -119.161 $\pm$ 46.608 χ^2/NDF : 142.1/81

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 315.660+/-0.053 χ^2/NDF : 1093133.5/23

Right Out: 298.253+/-0.089 χ^2/NDF : 2776555.9/17

Left In: 316.537+/-0.054 χ^2/NDF : 989819.1/22

Left: 316.091+/-0.038 χ^2/NDF : 2083086.1/46

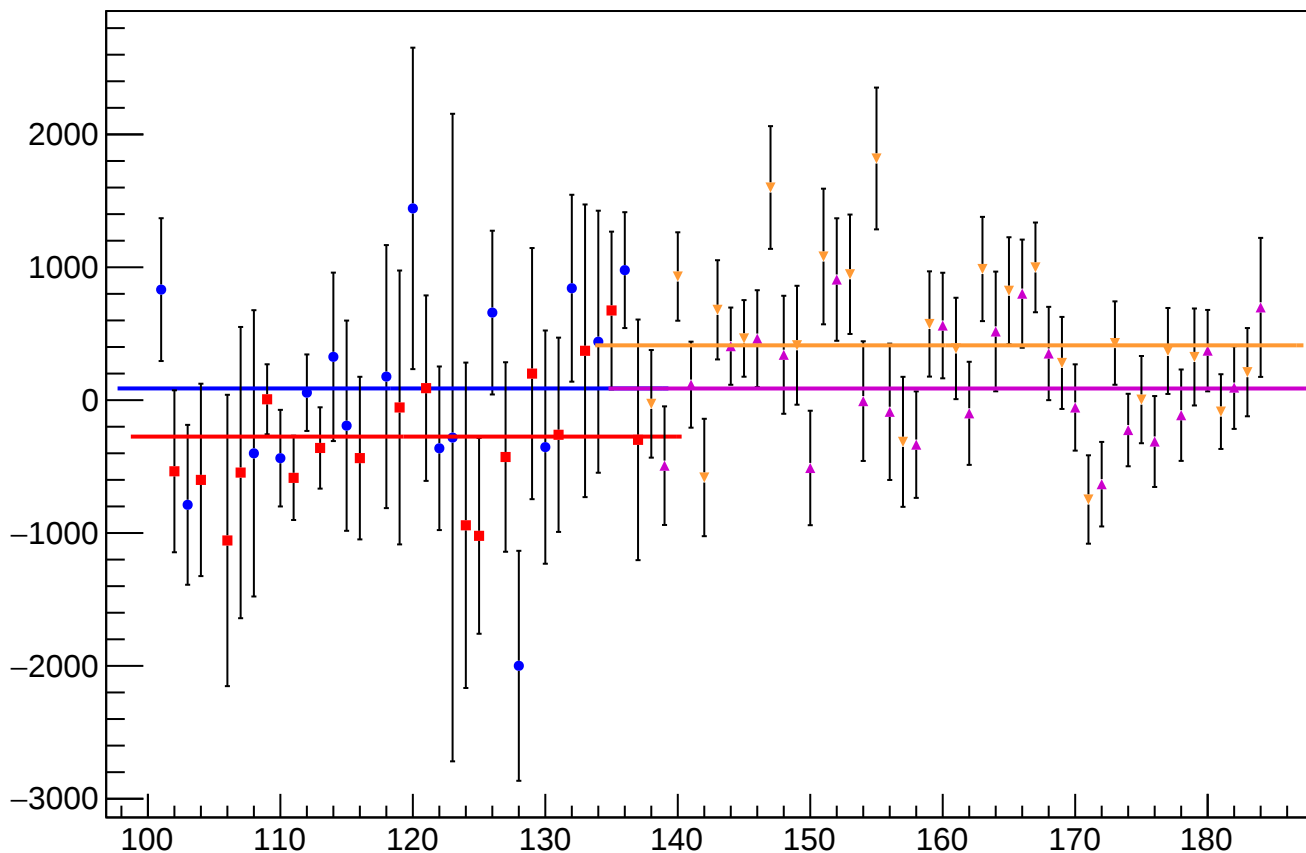
Right: 314.699+/-0.066 χ^2/NDF : 4846742.5/34

In: 320.788+/-0.048 χ^2/NDF : 3010817.9/39

Out: 311.095+/-0.046 χ^2/NDF : 3897751.2/41

All: 315.748+/-0.033 χ^2/NDF : 6930159.5/81

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 412.528+/-75.408 χ^2/NDF : 51.9/23

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 87.657+/-76.572 χ^2/NDF : 27.4/22

Left: 252.579+/-53.728 χ^2/NDF : 88.5/46

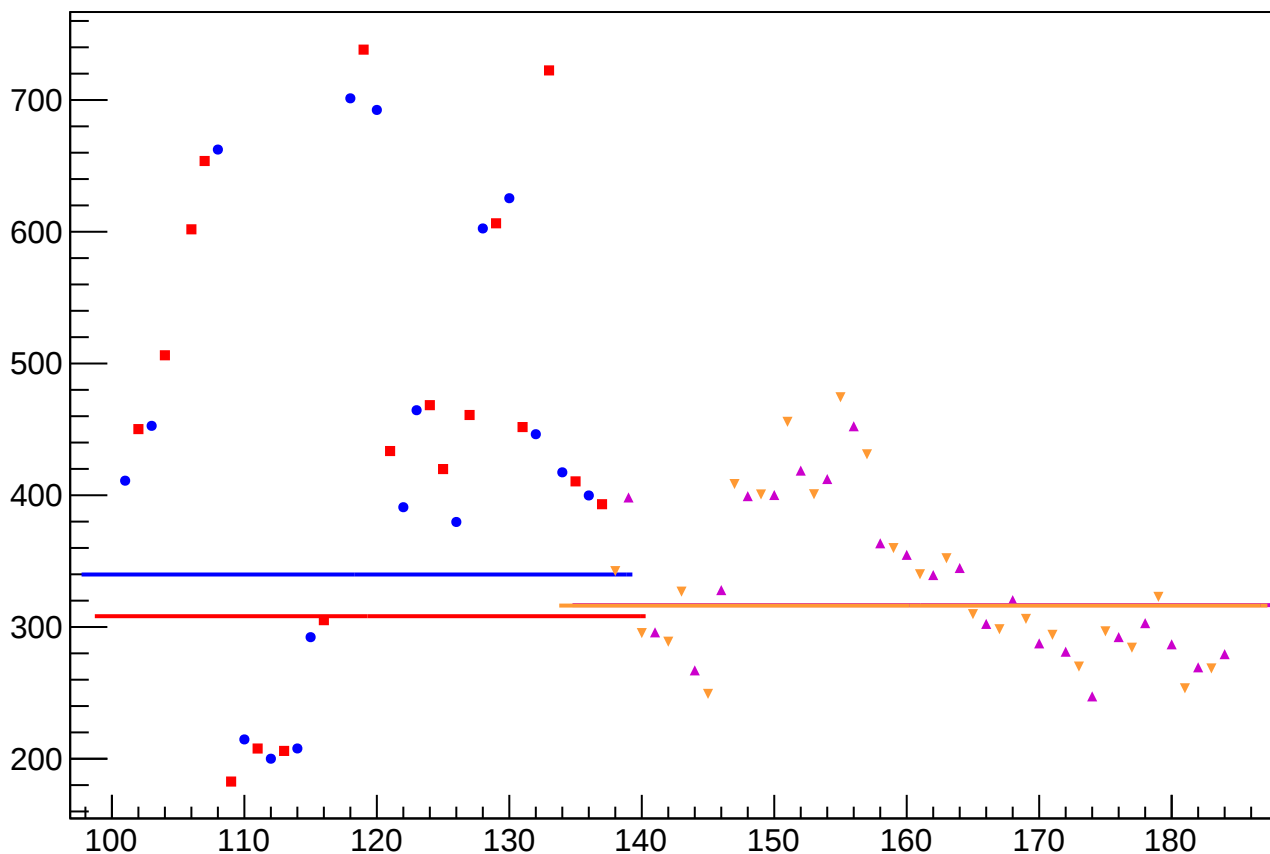
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 87.759+/-67.505 χ^2/NDF : 48.2/39

Out: 239.334+/-65.212 χ^2/NDF : 80.9/41

All: 166.165+/-46.901 χ^2/NDF : 131.7/81

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2 /NDF: 2043522.4/16

Left Out: 316.266 $\pm$ 0.053 χ^2 /NDF:1067506.6/23

Right Out: 308.199 $\pm$ 0.092 χ^2 /NDF: 2698828.8/17

Left In: 316.616 $\pm$ 0.054 χ^2 /NDF:929652.0/22

Left: 316.438 $\pm$ 0.038 χ^2 /NDF: 1997179.9/46

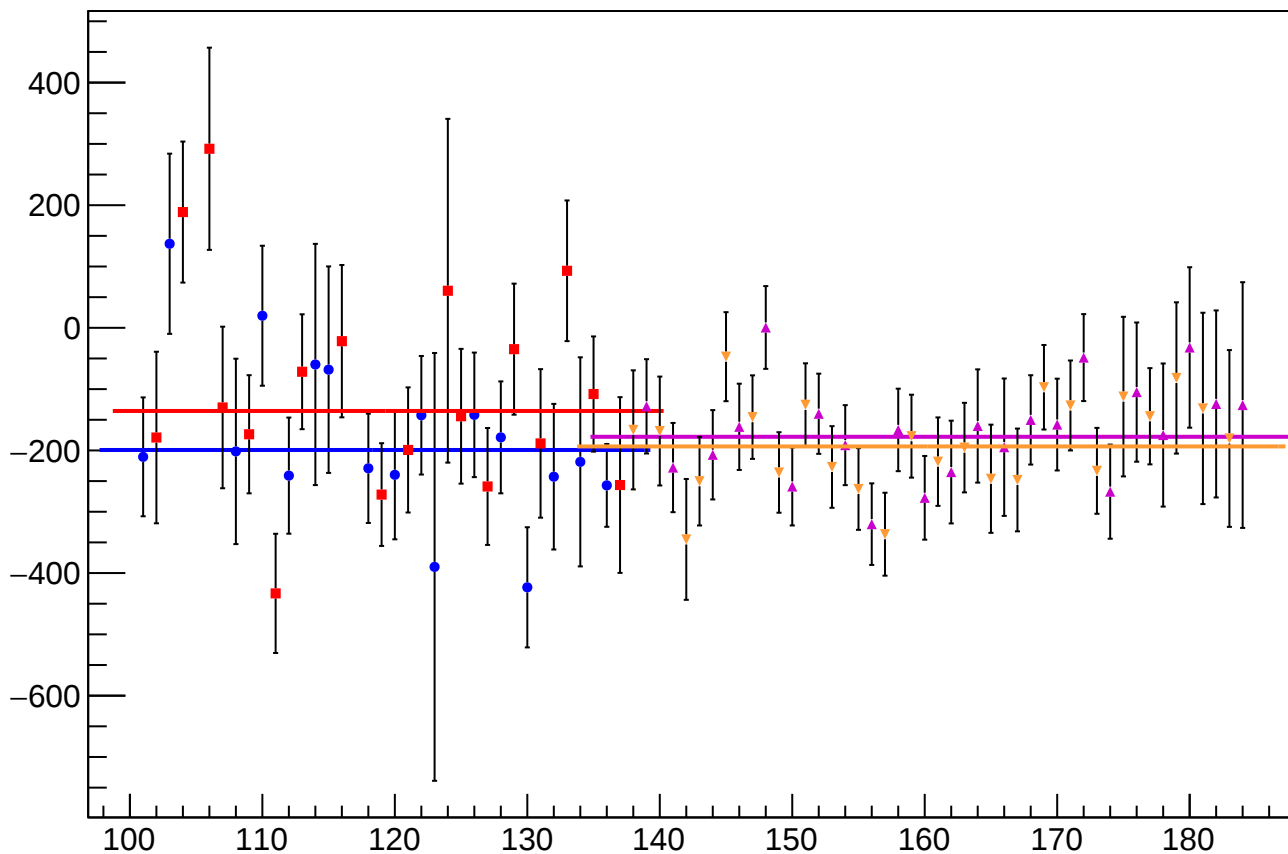
Right: 322.502 $\pm$ 0.068 χ^2 /NDF: 4796037.7/34

In: 321.792 $\pm$ 0.048 χ^2 /NDF:3014196.3/39

Out: 314.232 $\pm$ 0.046 χ^2 /NDF:3772106.8/41

All: 317.882 $\pm$ 0.033 χ^2 /NDF: 6799280.4/81

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -193.458 $\pm$ 16.017 χ^2/NDF :20.8/23

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -177.739 $\pm$ 16.445 χ^2/NDF :24.1/22

Left: -185.806 $\pm$ 11.474 χ^2/NDF : 45.3/46

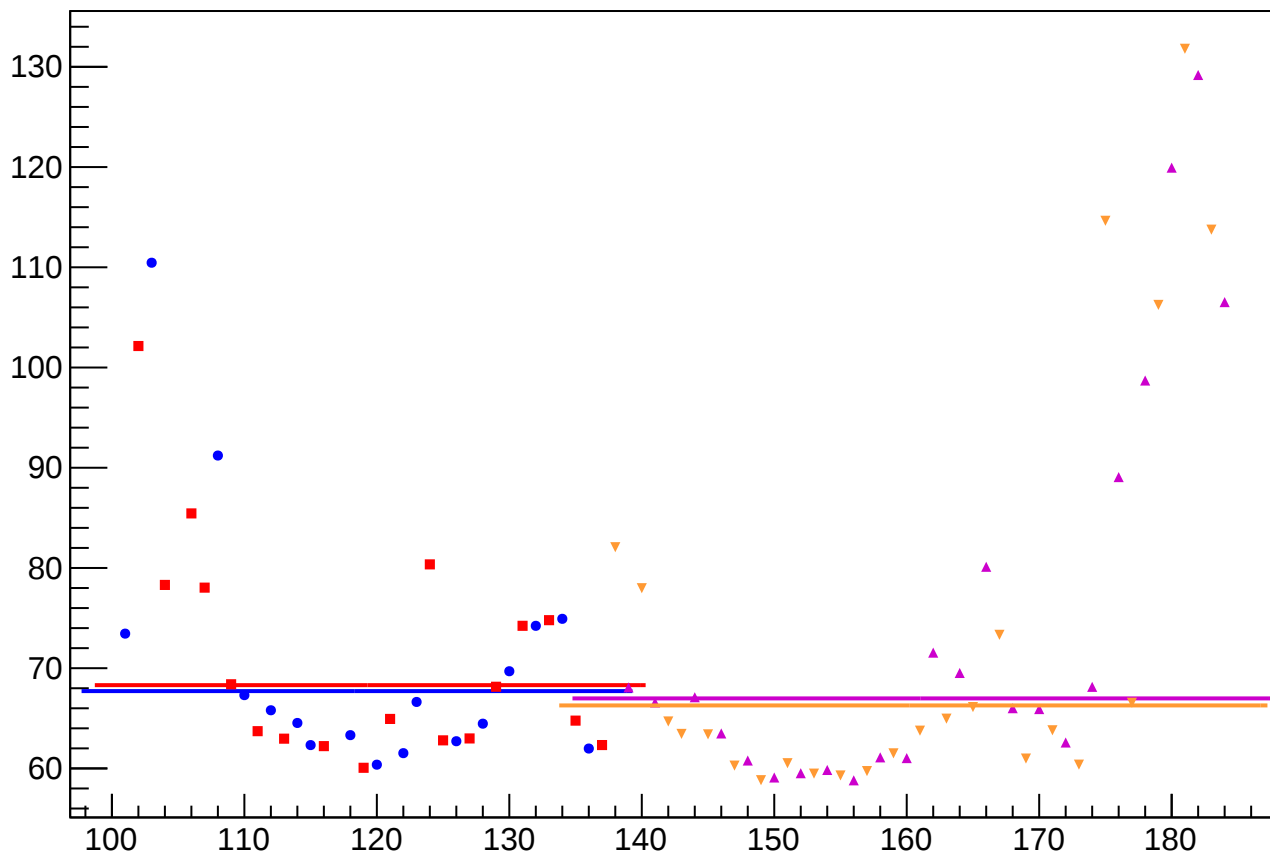
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -183.715 $\pm$ 13.976 χ^2/NDF :42.2/39

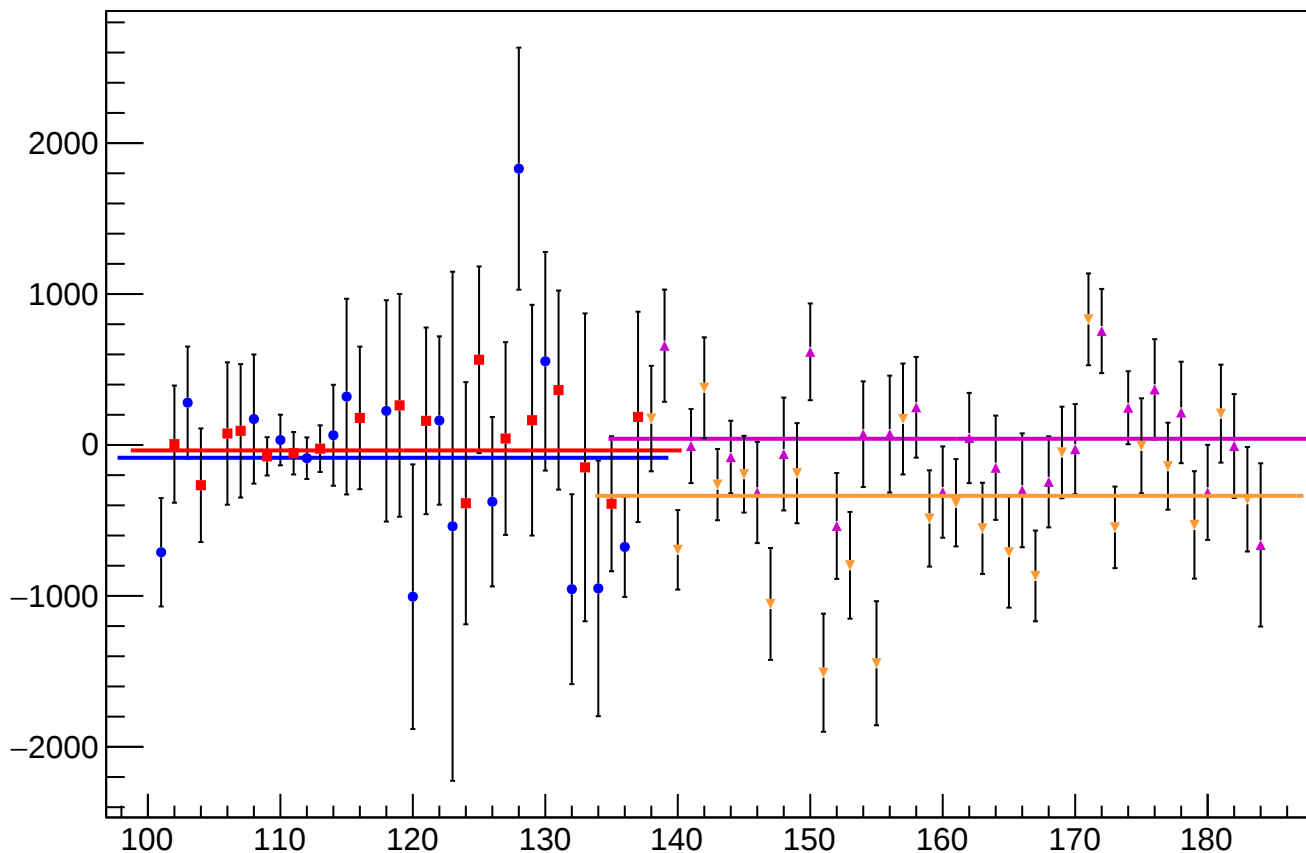
Out: -177.769 $\pm$ 13.673 χ^2/NDF :61.0/41

All: -180.677 $\pm$ 9.774 χ^2/NDF : 103.2/81

dit_asym_sam8_rms vs Slug, Sign Corrected



asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -336.795 ± 64.070 $\chi^2/\text{NDF}: 58.7/23$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 41.000 ± 66.172 $\chi^2/\text{NDF}: 25.5/22$

Left: -153.992 ± 46.029 $\chi^2/\text{NDF}: 101.0/46$

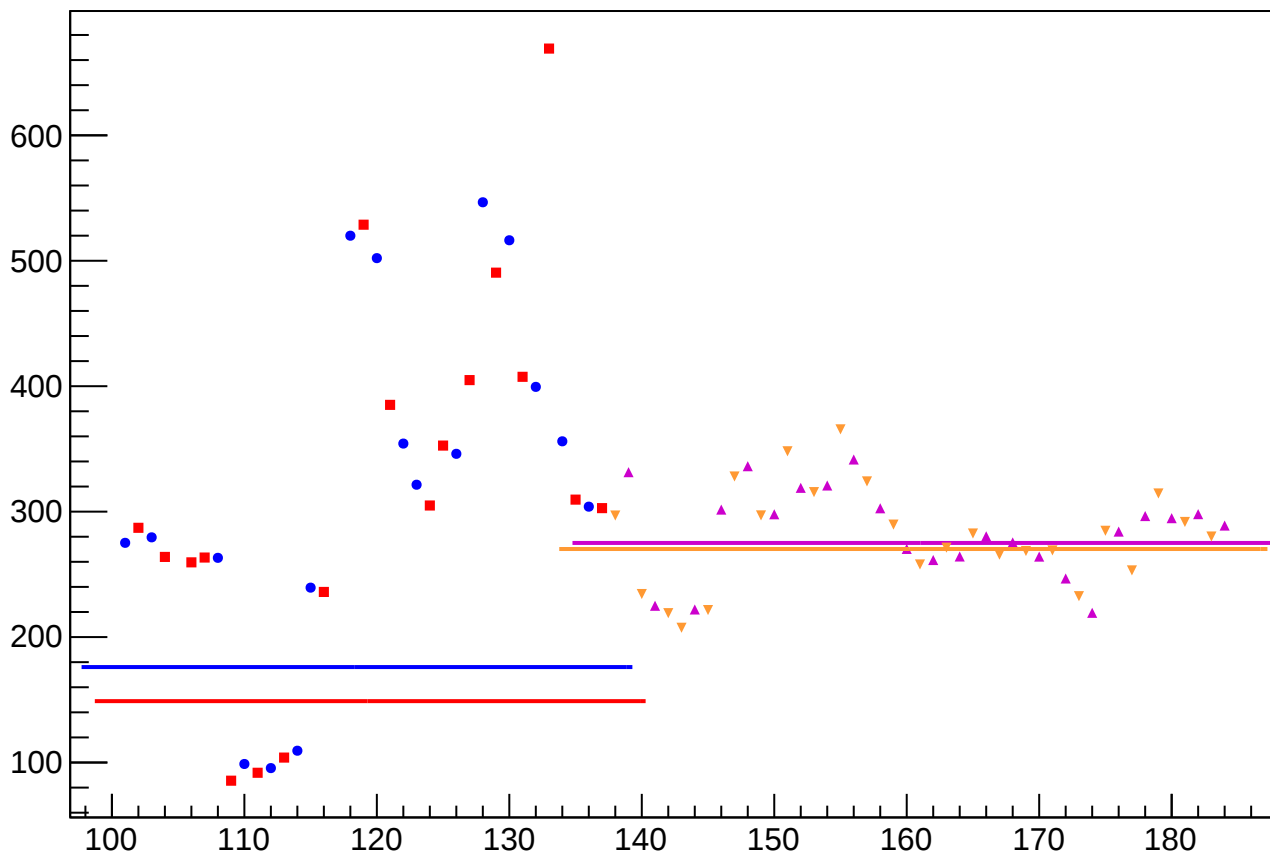
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -8.111 ± 51.660 $\chi^2/\text{NDF}: 46.8/39$

Out: -199.202 ± 47.185 $\chi^2/\text{NDF}: 72.2/41$

All: -112.290 ± 34.840 $\chi^2/\text{NDF}: 126.5/81$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2 /NDF: 4223651.6/16

Left Out: 270.209 $\pm$ 0.045 χ^2 /NDF: 740097.2/23

Right Out: 148.932 $\pm$ 0.049 χ^2 /NDF: 4770916.6/17

Left In: 275.043 $\pm$ 0.047 χ^2 /NDF: 605074.4/22

Left: 272.548 $\pm$ 0.033 χ^2 /NDF: 1350681.7/46

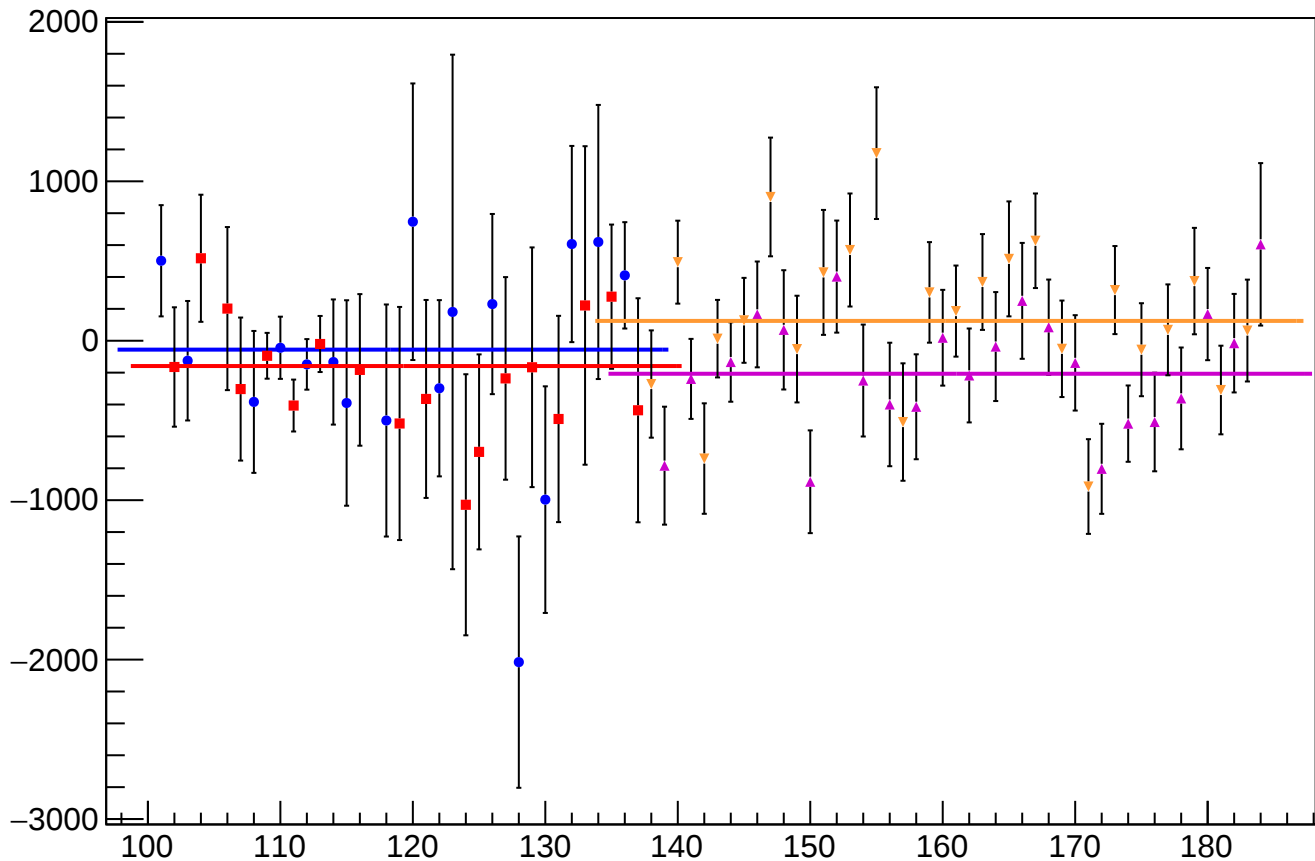
Right: 160.228 $\pm$ 0.038 χ^2 /NDF: 9120718.3/34

In: 236.403 $\pm$ 0.037 χ^2 /NDF: 6575061.9/39

Out: 214.709 $\pm$ 0.033 χ^2 /NDF: 8790397.0/41

All: 224.576 $\pm$ 0.025 χ^2 /NDF: 15557749.6/83

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 $\pm$ 90.572 χ^2/NDF : 17.1/16

Left Out: 124.425 $\pm$ 63.198 χ^2/NDF :47.7/23

Right Out: -158.676 $\pm$ 77.072 χ^2/NDF : 10.4/17

Left In: -207.047 $\pm$ 65.246 χ^2/NDF :27.8/22

Left: -36.026 $\pm$ 45.395 χ^2/NDF : 88.7/46

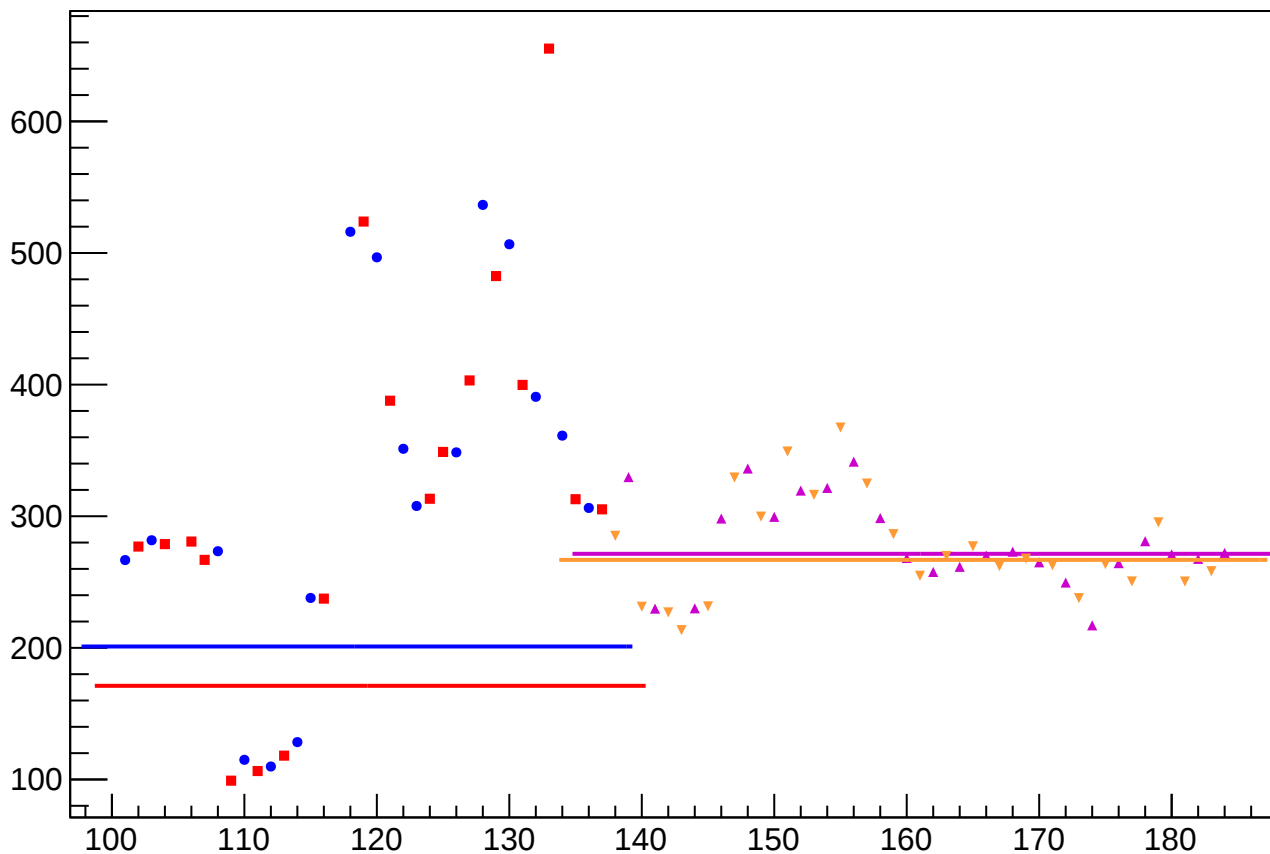
Right: -115.437 $\pm$ 58.697 χ^2/NDF : 28.3/34

In: -155.347 $\pm$ 52.940 χ^2/NDF :46.8/39

Out: 10.605 $\pm$ 48.869 χ^2/NDF :66.1/41

All: -65.746 $\pm$ 35.909 χ^2/NDF : 118.2/81

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.851 $\pm$ 0.045 χ^2/NDF : 638385.7/23

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 271.451 $\pm$ 0.046 χ^2/NDF : 530897.8/22

Left: 269.077 $\pm$ 0.032 χ^2/NDF : 1174413.2/46

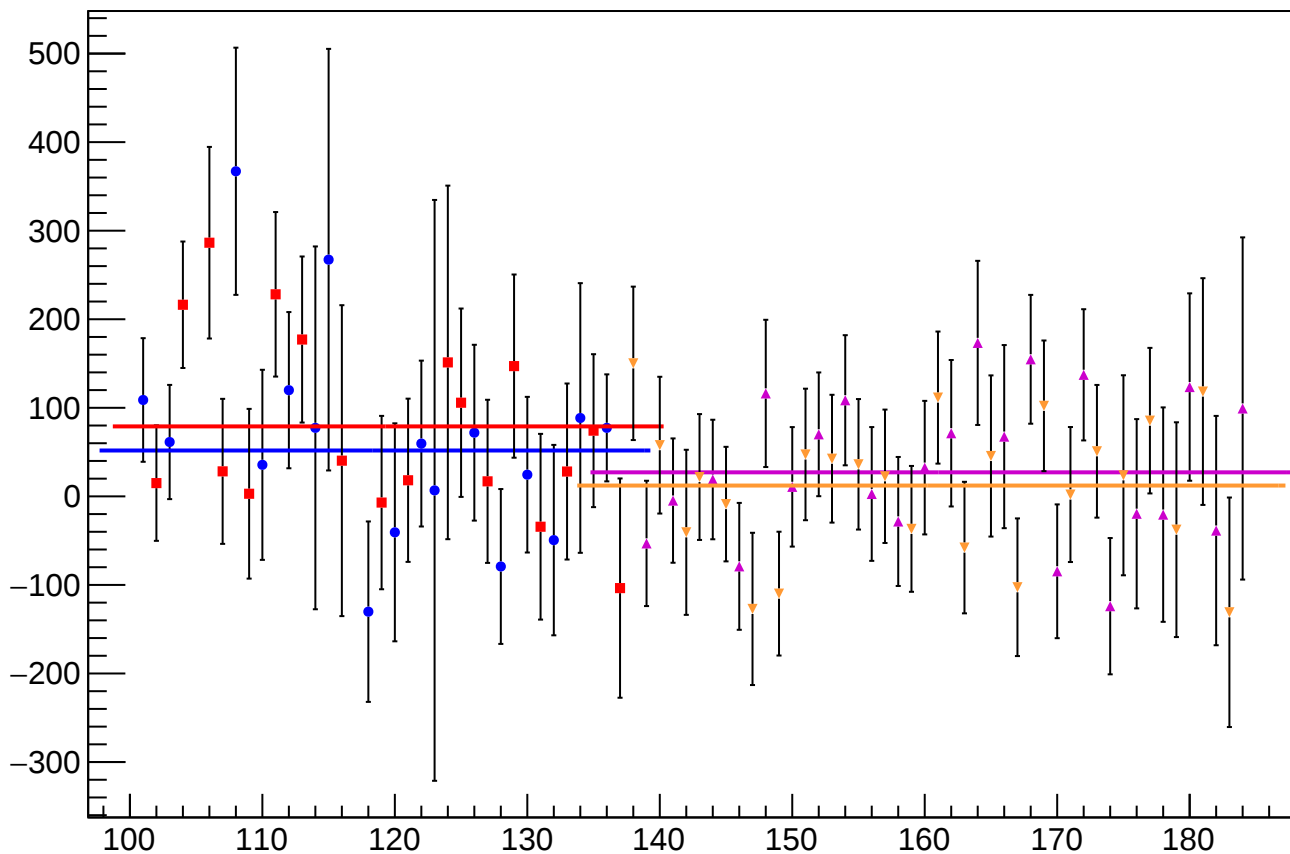
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 247.394 $\pm$ 0.037 χ^2/NDF : 4759756.2/39

Out: 228.378 $\pm$ 0.035 χ^2/NDF : 6547506.2/41

All: 237.127 $\pm$ 0.025 χ^2/NDF : 11446583.8/83

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 12.218 $\pm$ 16.392 χ^2 /NDF:19.6/23

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 27.136 $\pm$ 16.869 χ^2 /NDF:23.0/22

Left: 19.463 $\pm$ 11.756 χ^2 /NDF: 43.1/46

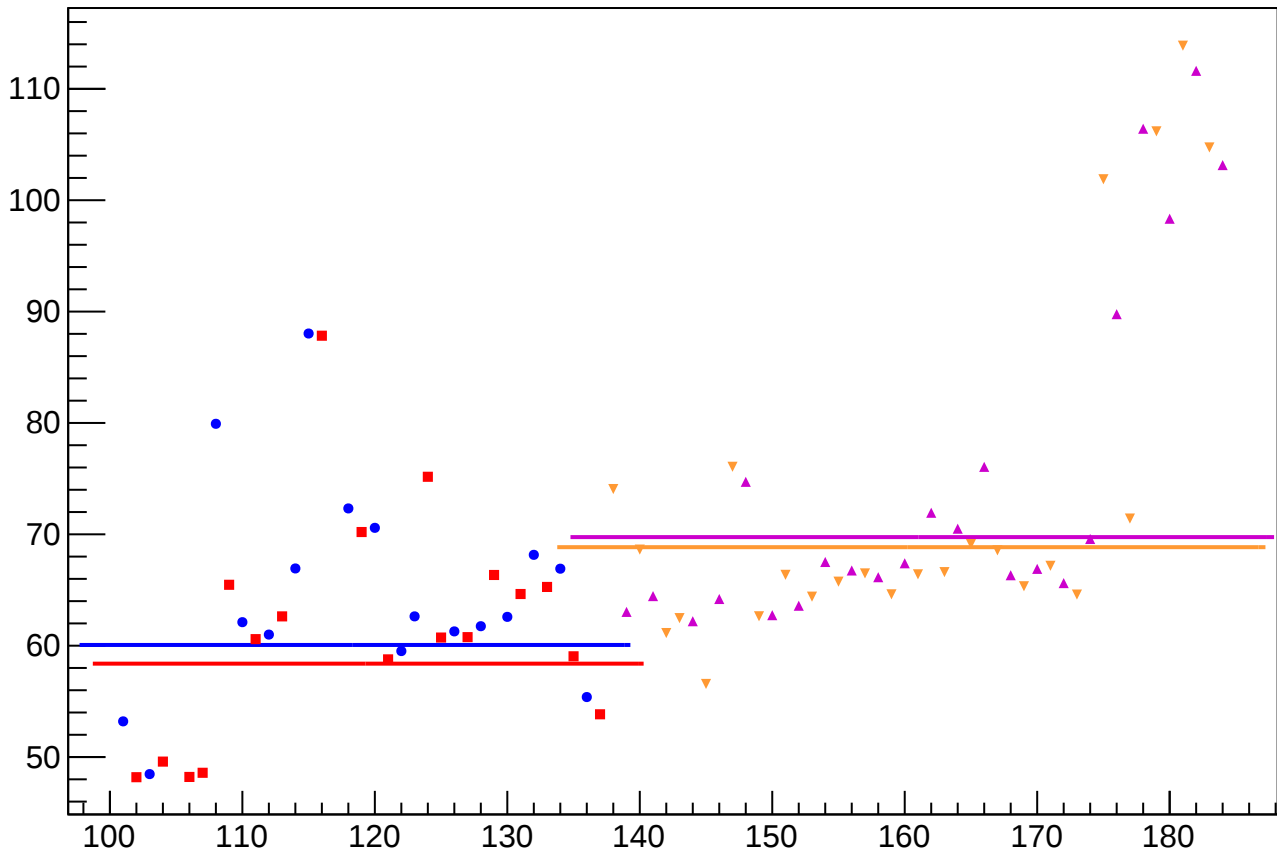
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 35.505 $\pm$ 13.711 χ^2 /NDF:38.3/39

Out: 35.378 $\pm$ 13.249 χ^2 /NDF:44.4/41

All: 35.439 $\pm$ 9.528 χ^2 /NDF: 82.7/81

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 68.846 $\pm$ 0.012 χ^2 /NDF: 941029.2/23

Right Out: 58.387 $\pm$ 0.016 χ^2 /NDF: 275017.2/17

Left In: 69.750 $\pm$ 0.012 χ^2 /NDF: 813672.8/22

Left: 69.285 $\pm$ 0.008 χ^2 /NDF: 1757659.7/46

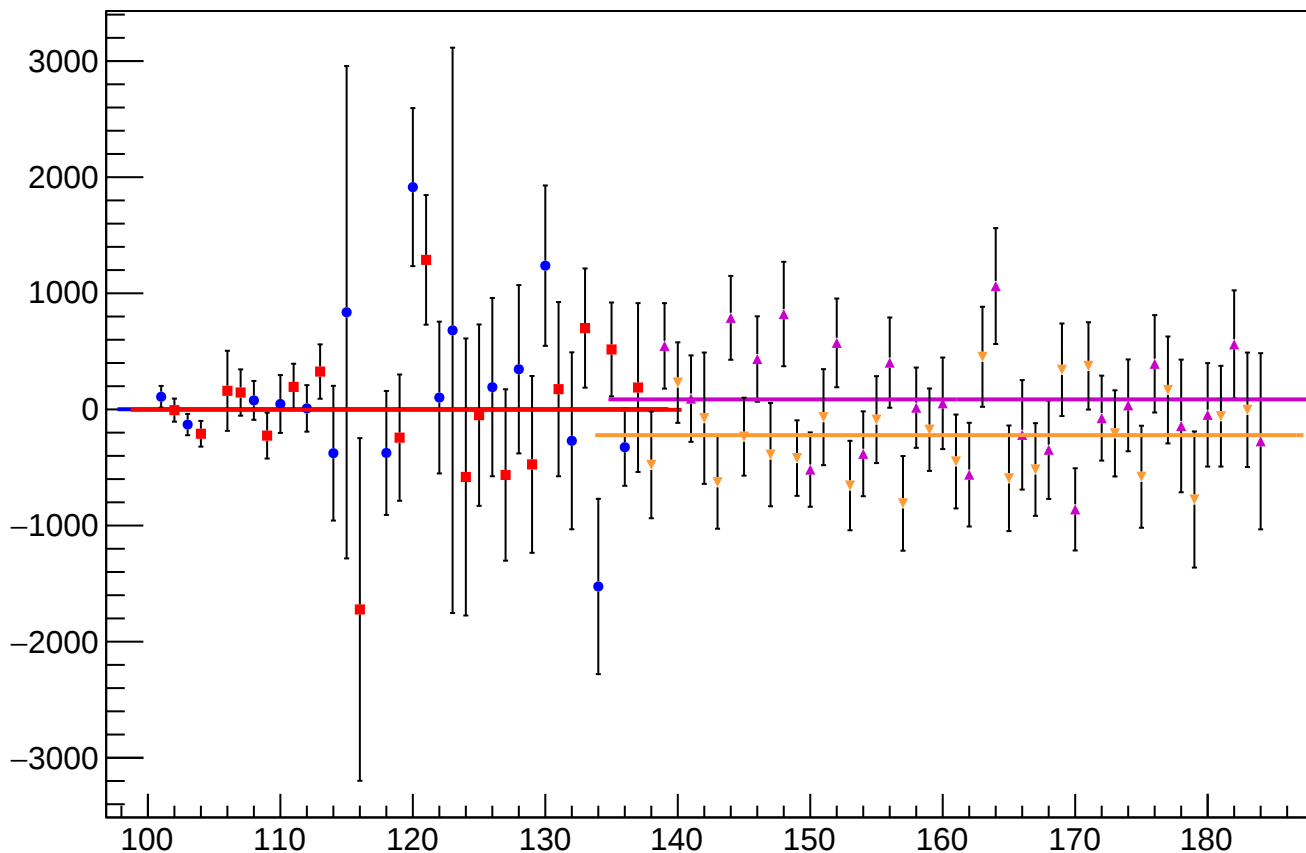
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 66.464 $\pm$ 0.010 χ^2 /NDF: 1266468.8/39

Out: 65.219 $\pm$ 0.009 χ^2 /NDF: 1498353.9/41

All: 65.820 $\pm$ 0.007 χ^2 /NDF: 2773348.9/81

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -221.530 $\pm$ 83.045 χ^2 /NDF:18.4/23

Right Out: -3.242 $\pm$ 56.611 χ^2 /NDF: 20.2/17

Left In: 86.274 $\pm$ 84.158 χ^2 /NDF:33.3/22

Left: -69.677 $\pm$ 59.112 χ^2 /NDF: 58.4/46

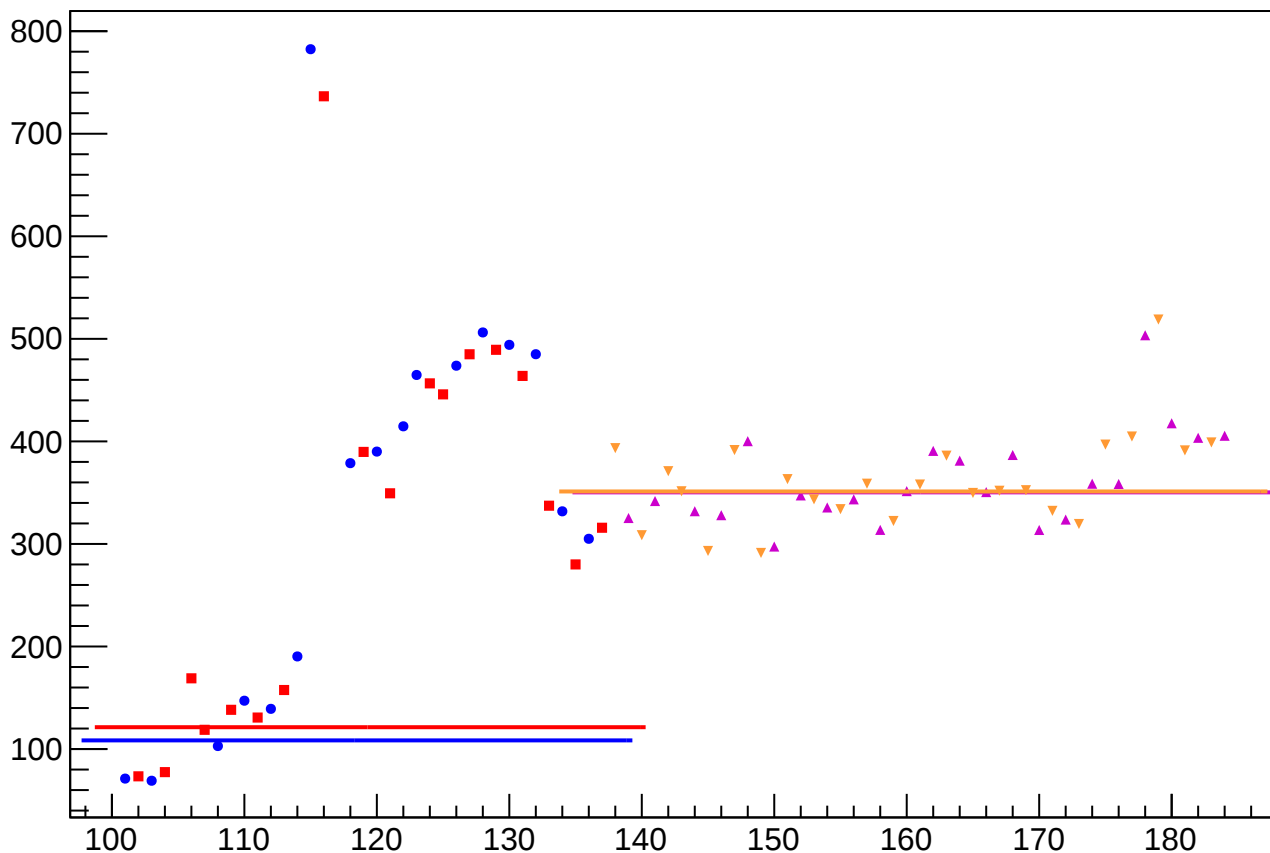
Right: -0.730 $\pm$ 39.182 χ^2 /NDF: 41.6/34

In: 26.465 $\pm$ 45.618 χ^2 /NDF:55.4/39

Out: -72.498 $\pm$ 46.777 χ^2 /NDF:43.3/41

All: -21.775 $\pm$ 32.659 χ^2 /NDF: 101.0/81

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 351.177 $\pm$ 0.059 χ^2 /NDF: 495981.2/23

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 350.292 $\pm$ 0.060 χ^2 /NDF: 427103.1/22

Left: 350.740 $\pm$ 0.042 χ^2 /NDF: 923196.4/46

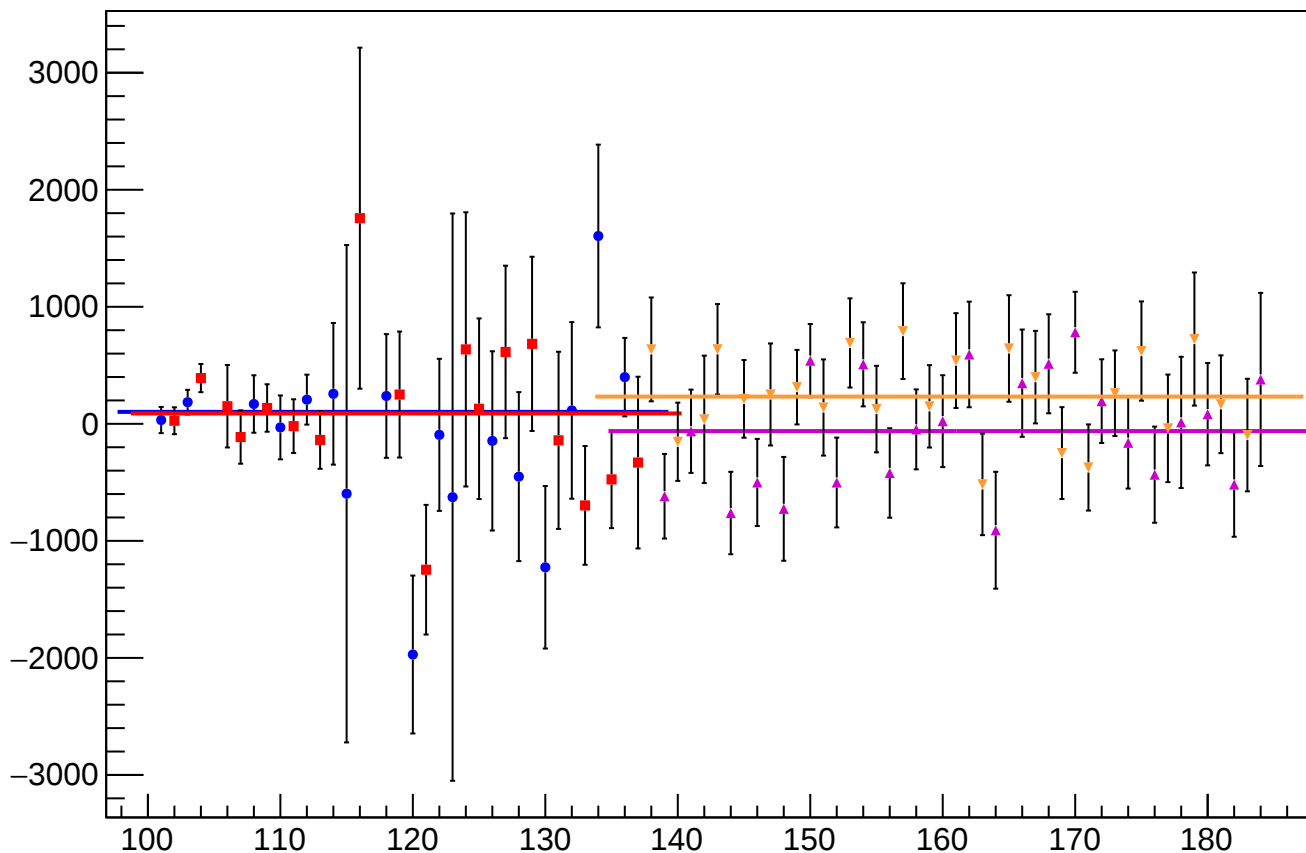
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 179.503 $\pm$ 0.032 χ^2 /NDF: 17494914.7/39

Out: 194.235 $\pm$ 0.033 χ^2 /NDF: 15689878.6/41

All: 186.684 $\pm$ 0.023 χ^2 /NDF: 33286477.5/83

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 232.807 $\pm$ 81.673 χ^2 /NDF:18.2/23

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

Left: 87.629 $\pm$ 58.160 χ^2 /NDF: 59.5/46

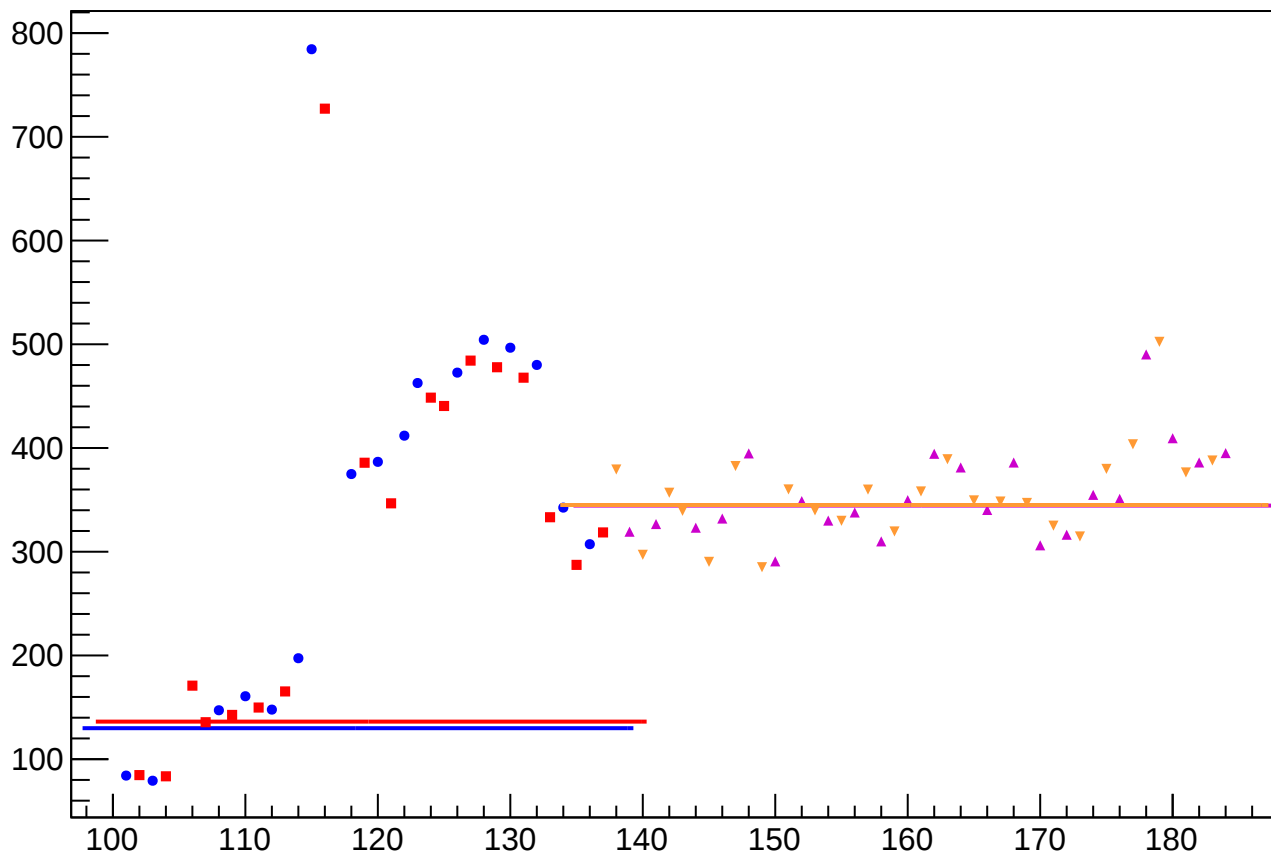
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 41.991 $\pm$ 50.211 χ^2 /NDF:57.7/39

Out: 141.721 $\pm$ 49.499 χ^2 /NDF:41.9/41

All: 92.568 $\pm$ 35.250 χ^2 /NDF: 101.5/81

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 345.040+/-0.058 χ^2/NDF : 483383.1/23

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 344.475+/-0.059 χ^2/NDF : 433401.7/22

Left: 344.761+/-0.041 χ^2/NDF : 916831.9/46

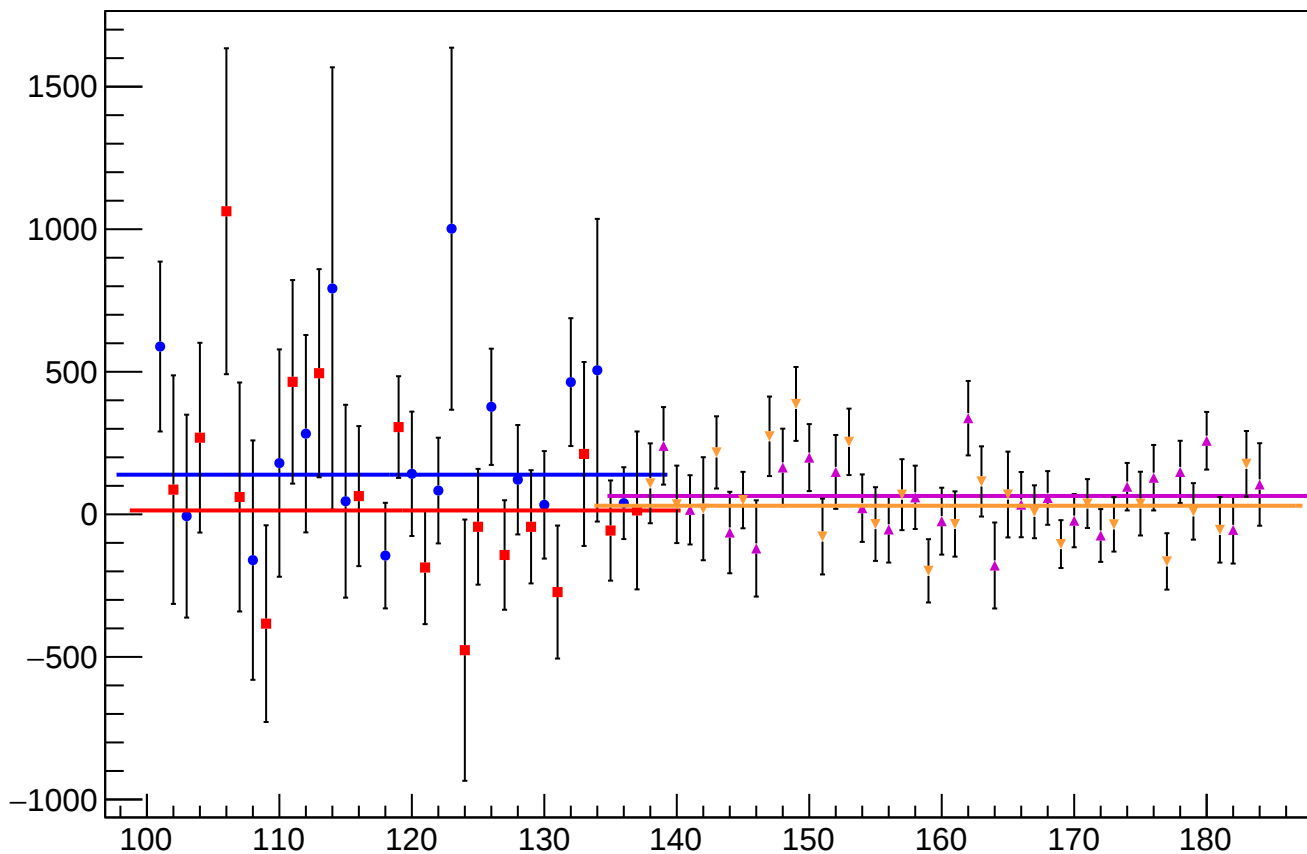
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 208.717+/-0.036 χ^2/NDF : 13753068.3/39

Out: 212.925+/-0.035 χ^2/NDF : 13037649.7/41

All: 210.851+/-0.025 χ^2/NDF : 26797841.6/83

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 30.196 $\pm$ 23.108 χ^2 /NDF:32.2/23

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 64.518 $\pm$ 24.006 χ^2 /NDF:23.8/22

Left: 46.703 $\pm$ 16.648 χ^2 /NDF: 57.0/46

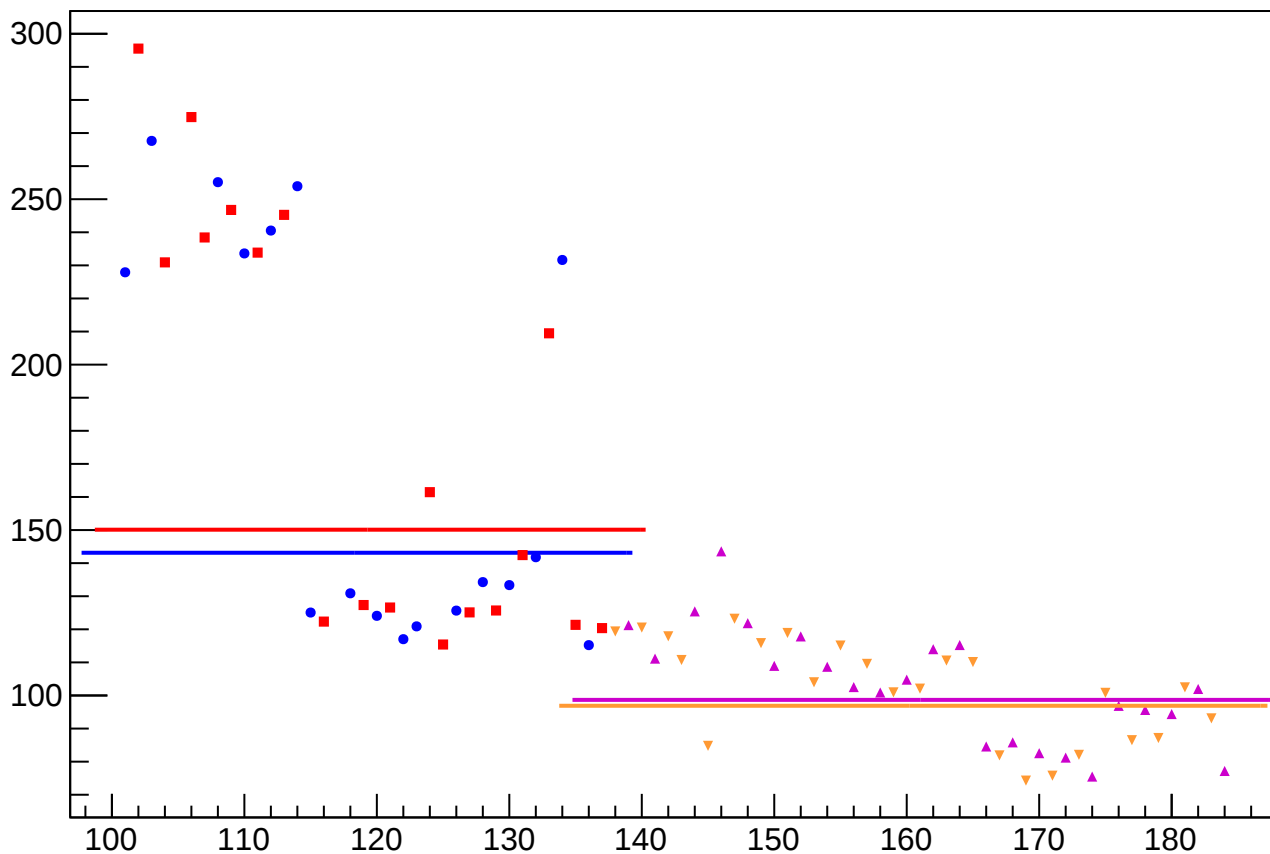
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 75.431 $\pm$ 22.180 χ^2 /NDF:38.3/39

Out: 28.065 $\pm$ 21.570 χ^2 /NDF:48.7/41

All: 51.088 $\pm$ 15.463 χ^2 /NDF: 89.3/81

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.892 $\pm$ 0.016 χ^2 /NDF: 894066.1/23

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 98.672 $\pm$ 0.017 χ^2 /NDF: 883912.4/22

Left: 97.748 $\pm$ 0.012 χ^2 /NDF: 1783687.0/46

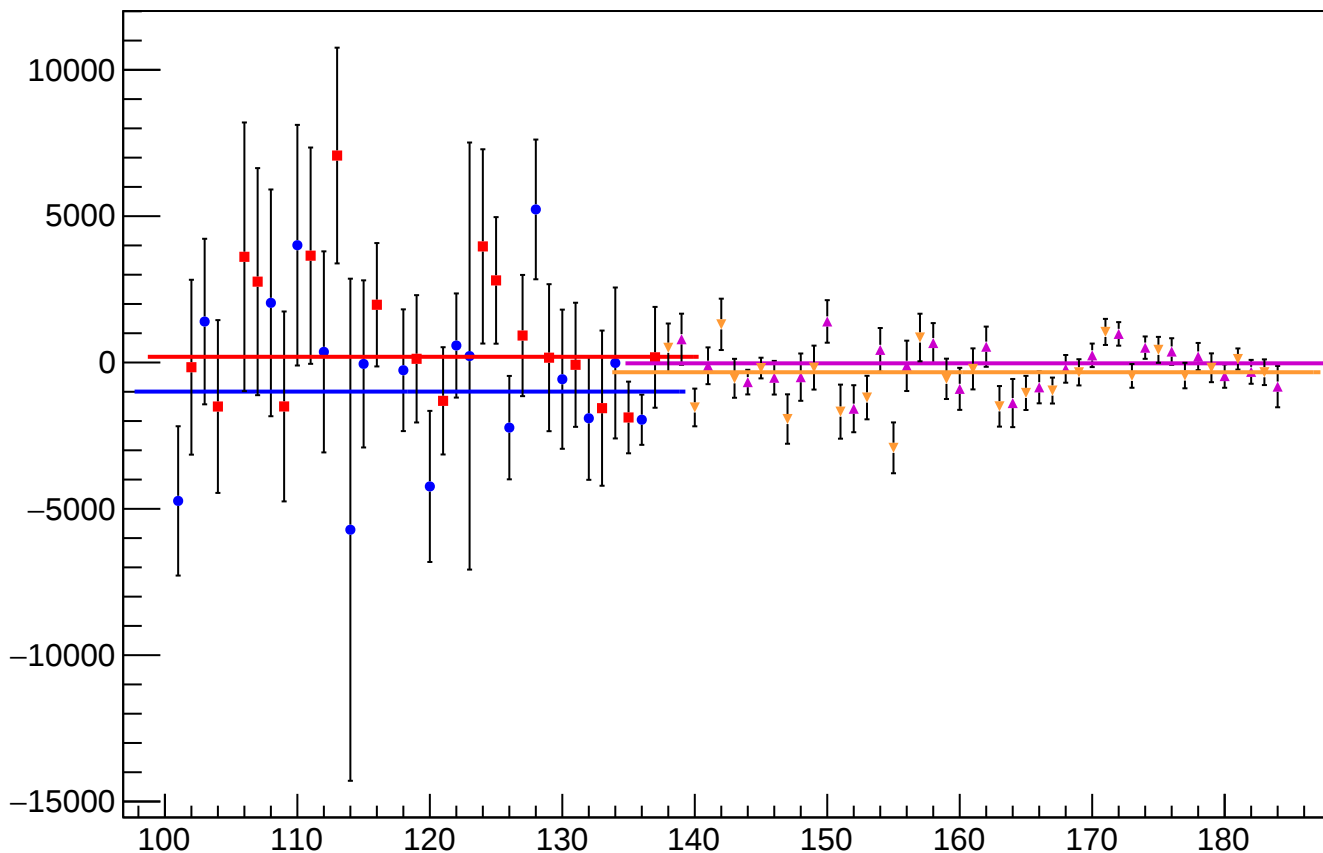
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 105.179 $\pm$ 0.016 χ^2 /NDF: 2989383.4/39

Out: 103.741 $\pm$ 0.015 χ^2 /NDF: 3591933.6/41

All: 104.440 $\pm$ 0.011 χ^2 /NDF: 6585640.7/81

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: -332.272 $\pm$ 110.352 χ^2 /NDF:47.1/23

Right Out: 195.049 $\pm$ 543.821 χ^2 /NDF: 13.5/17

Left In: -27.826 $\pm$ 112.415 χ^2 /NDF:33.3/22

Left: -182.868 $\pm$ 78.750 χ^2 /NDF: 84.2/46

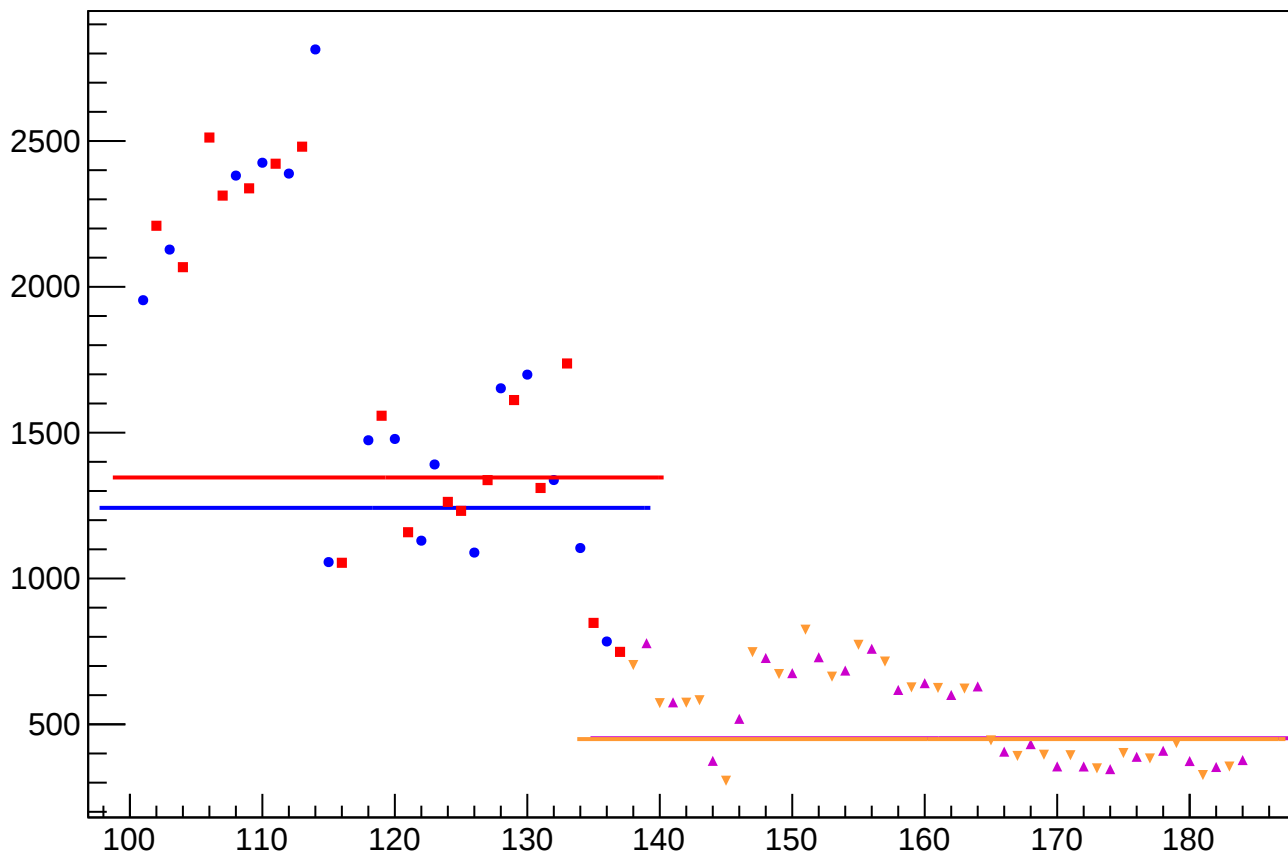
Right: -430.023 $\pm$ 374.493 χ^2 /NDF: 33.0/34

In: -71.520 $\pm$ 109.843 χ^2 /NDF:53.6/39

Out: -311.418 $\pm$ 108.148 χ^2 /NDF:61.6/41

All: -193.335 $\pm$ 77.065 χ^2 /NDF: 117.6/81

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172+/-0.365 χ^2/NDF : 1767422.8/16

Left Out: 449.365+/-0.078 χ^2/NDF : 3113871.5/23

Right Out: 1346.340+/-0.385 χ^2/NDF : 1809161.2/17

Left In: 452.323+/-0.079 χ^2/NDF : 2675264.3/22

Left: 450.817+/-0.056 χ^2/NDF : 5789840.7/46

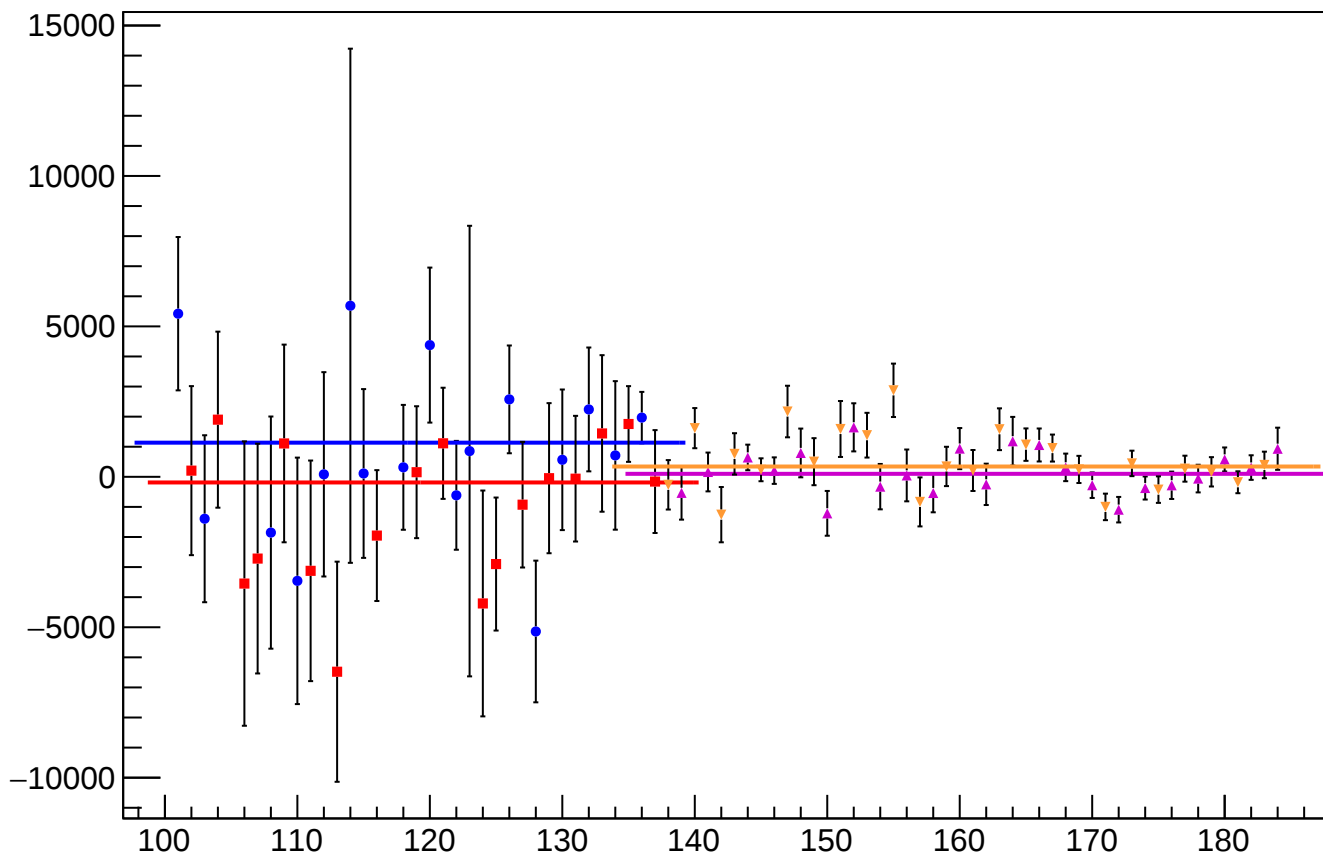
Right: 1291.570+/-0.265 χ^2/NDF : 3615166.4/34

In: 488.051+/-0.078 χ^2/NDF : 8908873.3/39

Out: 484.839+/-0.076 χ^2/NDF : 10148839.4/41

All: 486.420+/-0.054 χ^2/NDF : 19058581.2/83

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 342.585+/-111.335 χ^2/NDF : 47.8/23

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 99.475+/-111.475 χ^2/NDF : 32.1/22

Left: 221.183+/-78.775 χ^2/NDF : 82.3/46

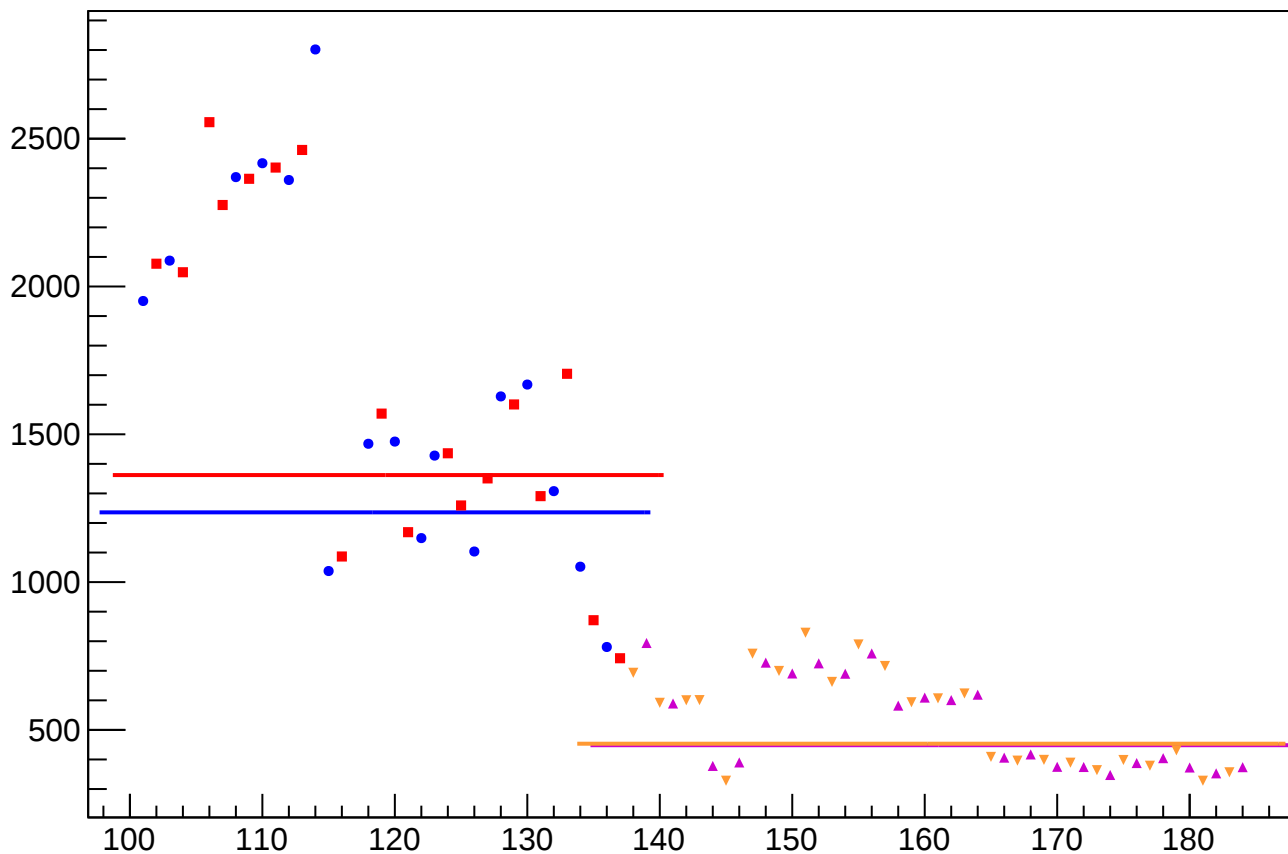
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 146.043+/-108.940 χ^2/NDF : 53.7/39

Out: 321.586+/-109.108 χ^2/NDF : 60.7/41

All: 233.680+/-77.091 χ^2/NDF : 115.7/81

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 453.298 $\pm$ 0.079 χ^2 /NDF: 2993489.5/23

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 448.238 $\pm$ 0.079 χ^2 /NDF: 2563455.5/22

Left: 450.772 $\pm$ 0.056 χ^2 /NDF: 5559008.0/46

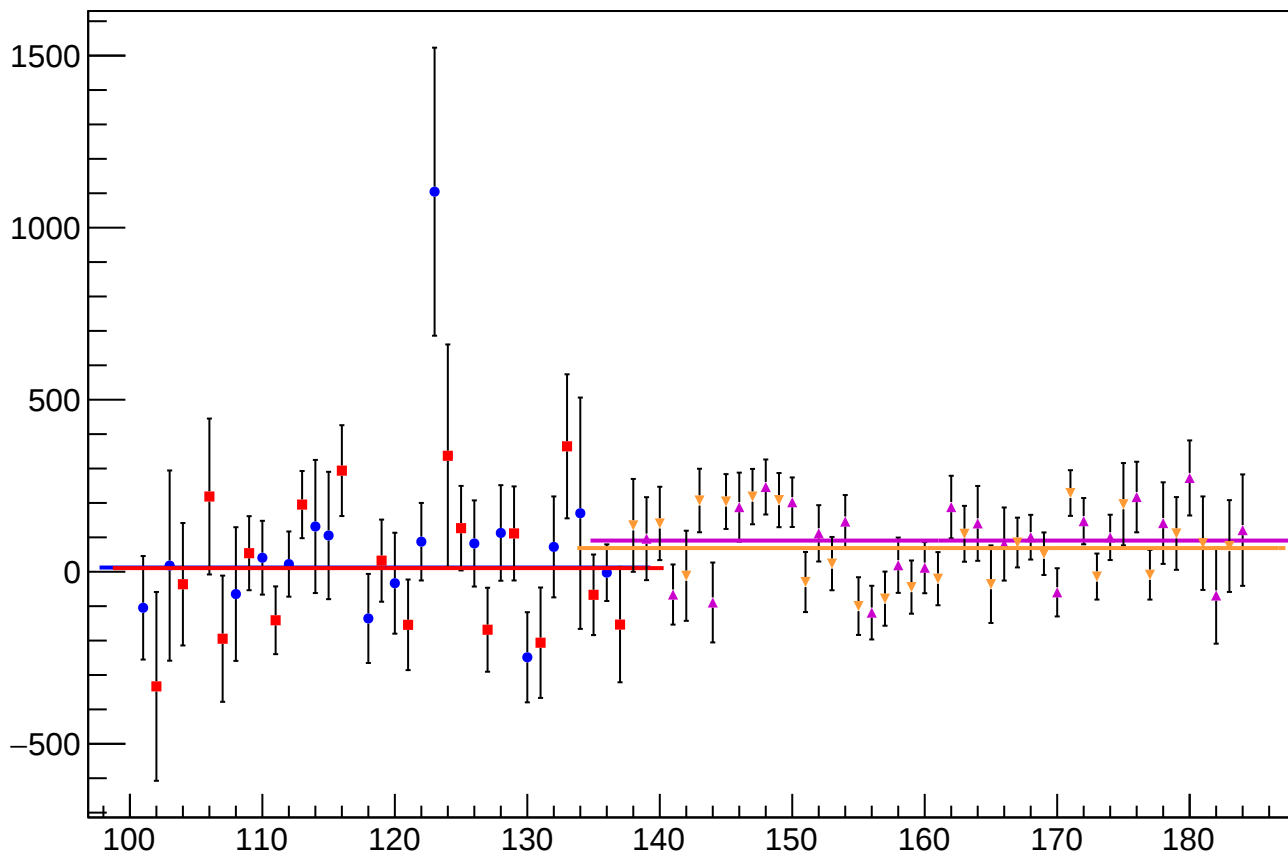
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 483.654 $\pm$ 0.077 χ^2 /NDF: 8799055.4/39

Out: 489.299 $\pm$ 0.077 χ^2 /NDF: 9981629.8/41

All: 486.472 $\pm$ 0.055 χ^2 /NDF: 18783366.1/83

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 68.809 $\pm$ 17.346 χ^2 /NDF:36.5/23

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 90.640 $\pm$ 18.057 χ^2 /NDF:35.0/22

Left: 79.286 $\pm$ 12.509 χ^2 /NDF: 72.2/46

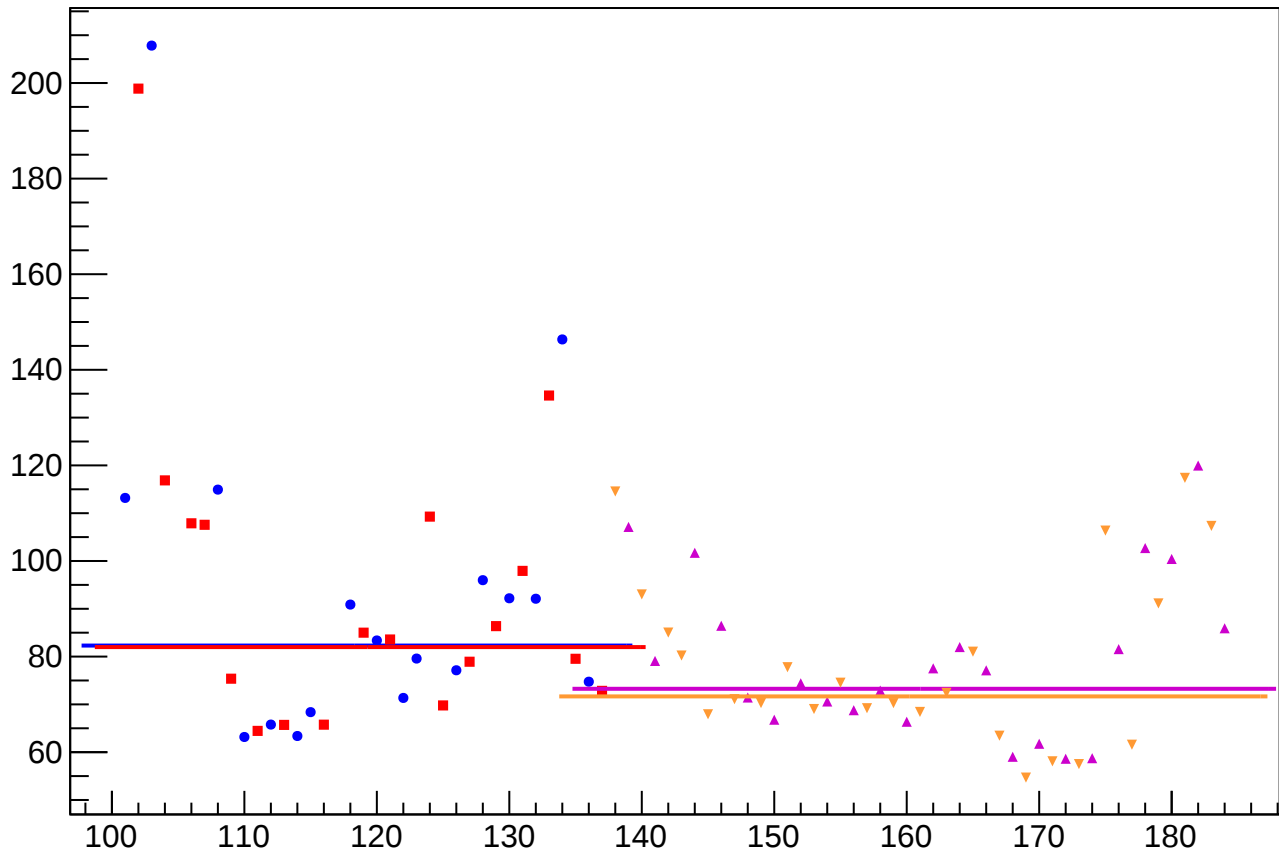
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 72.782 $\pm$ 15.866 χ^2 /NDF:54.7/39

Out: 55.967 $\pm$ 15.314 χ^2 /NDF:65.7/41

All: 64.077 $\pm$ 11.018 χ^2 /NDF: 120.9/81

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2/NDF : 868742.4/16

Left Out: 71.669 $\pm$ 0.012 χ^2/NDF : 1354557.0/23

Right Out: 81.987 $\pm$ 0.023 χ^2/NDF : 853217.2/17

Left In: 73.261 $\pm$ 0.013 χ^2/NDF : 1222046.2/22

Left: 72.433 $\pm$ 0.009 χ^2/NDF : 2584691.2/46

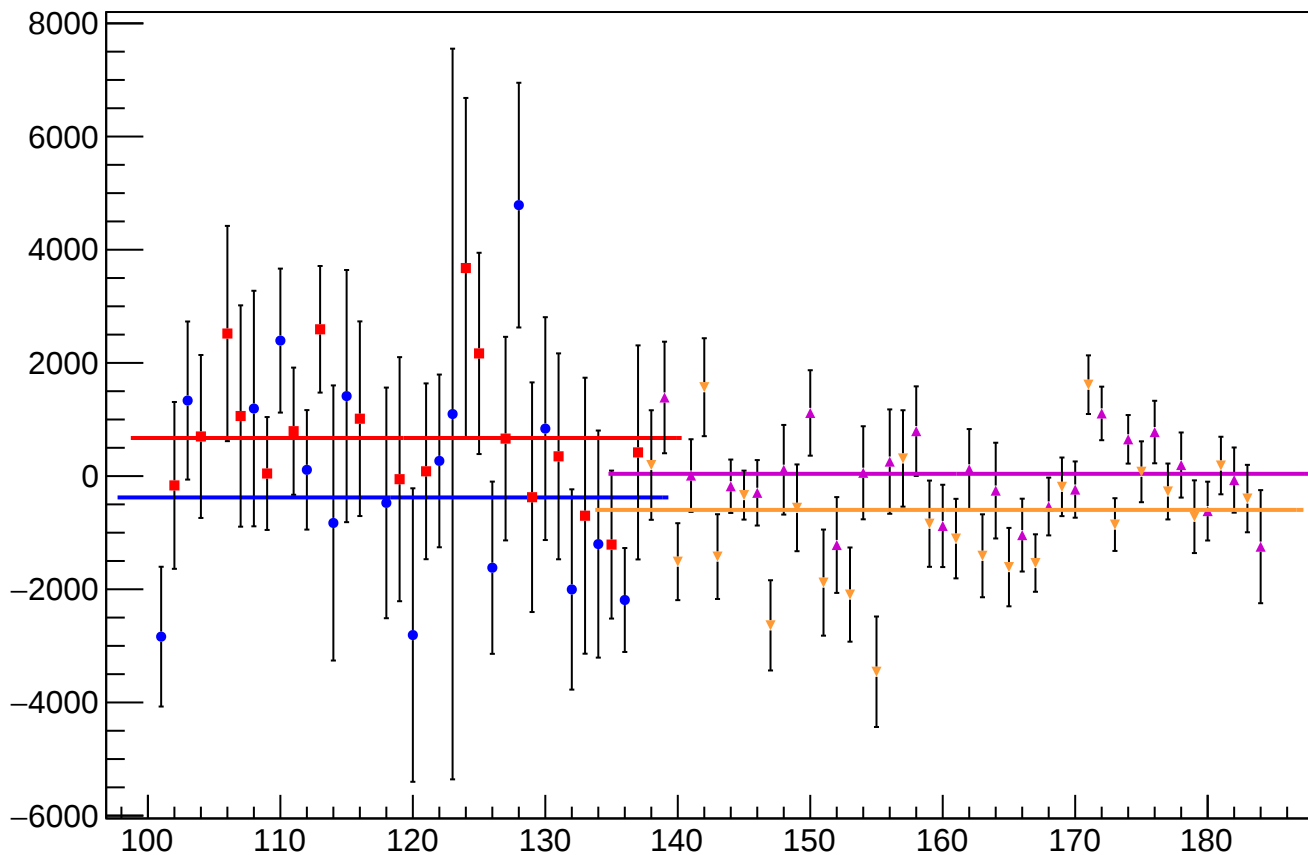
Right: 82.144 $\pm$ 0.016 χ^2/NDF : 1722053.3/34

In: 75.323 $\pm$ 0.011 χ^2/NDF : 2205190.9/39

Out: 73.945 $\pm$ 0.011 χ^2/NDF : 2363886.0/41

All: 74.610 $\pm$ 0.008 χ^2/NDF : 4576891.1/81

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: -597.408 ± 128.810 $\chi^2/\text{NDF}: 62.8/23$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 40.329 ± 129.731 $\chi^2/\text{NDF}: 26.1/22$

Left: -280.811 ± 91.407 $\chi^2/\text{NDF}: 101.0/46$

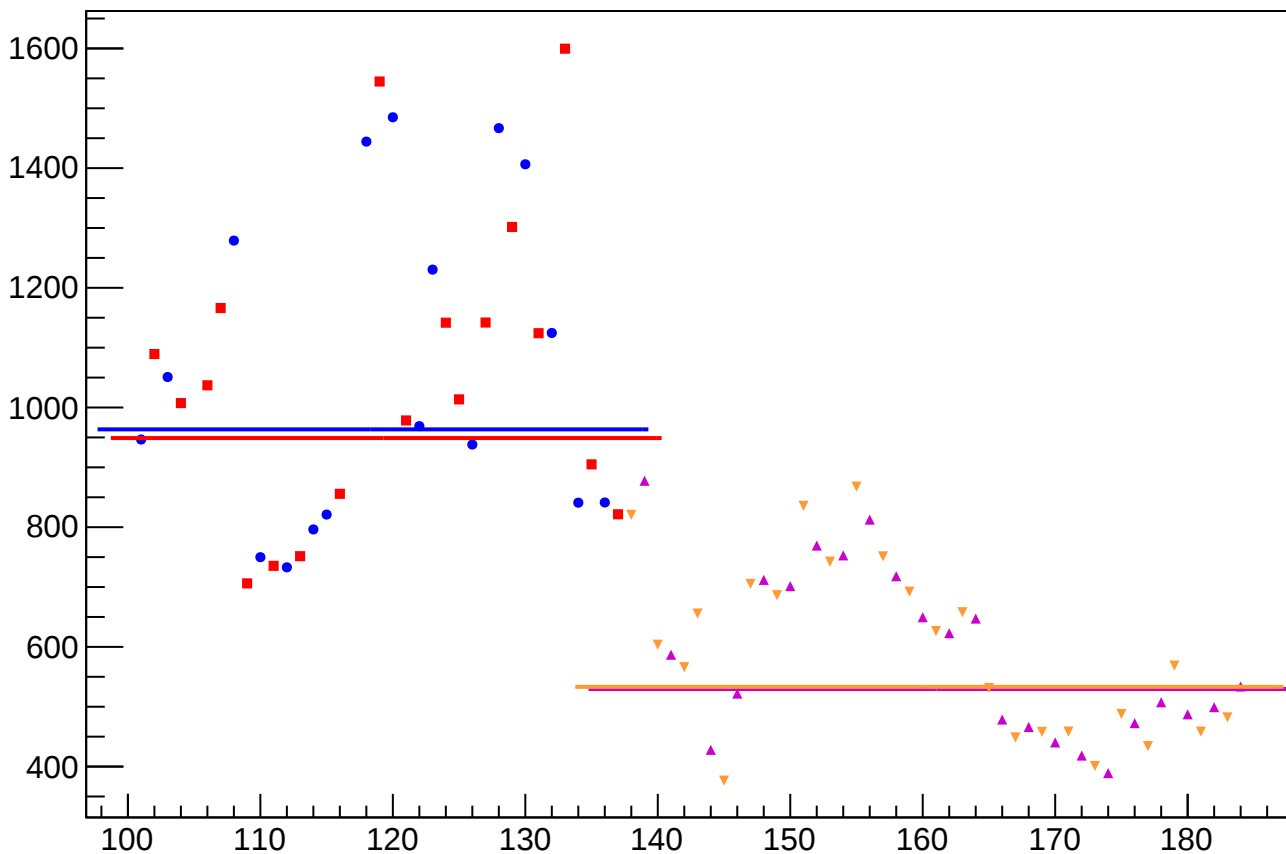
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -2.479 ± 122.903 $\chi^2/\text{NDF}: 51.6/39$

Out: -459.143 ± 121.600 $\chi^2/\text{NDF}: 82.8/41$

All: -233.245 ± 86.441 $\chi^2/\text{NDF}: 141.3/81$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 533.216 $\pm$ 0.091 χ^2 /NDF: 2029141.0/23

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 529.591 $\pm$ 0.092 χ^2 /NDF: 1781741.4/22

Left: 531.417 $\pm$ 0.065 χ^2 /NDF: 3811668.7/46

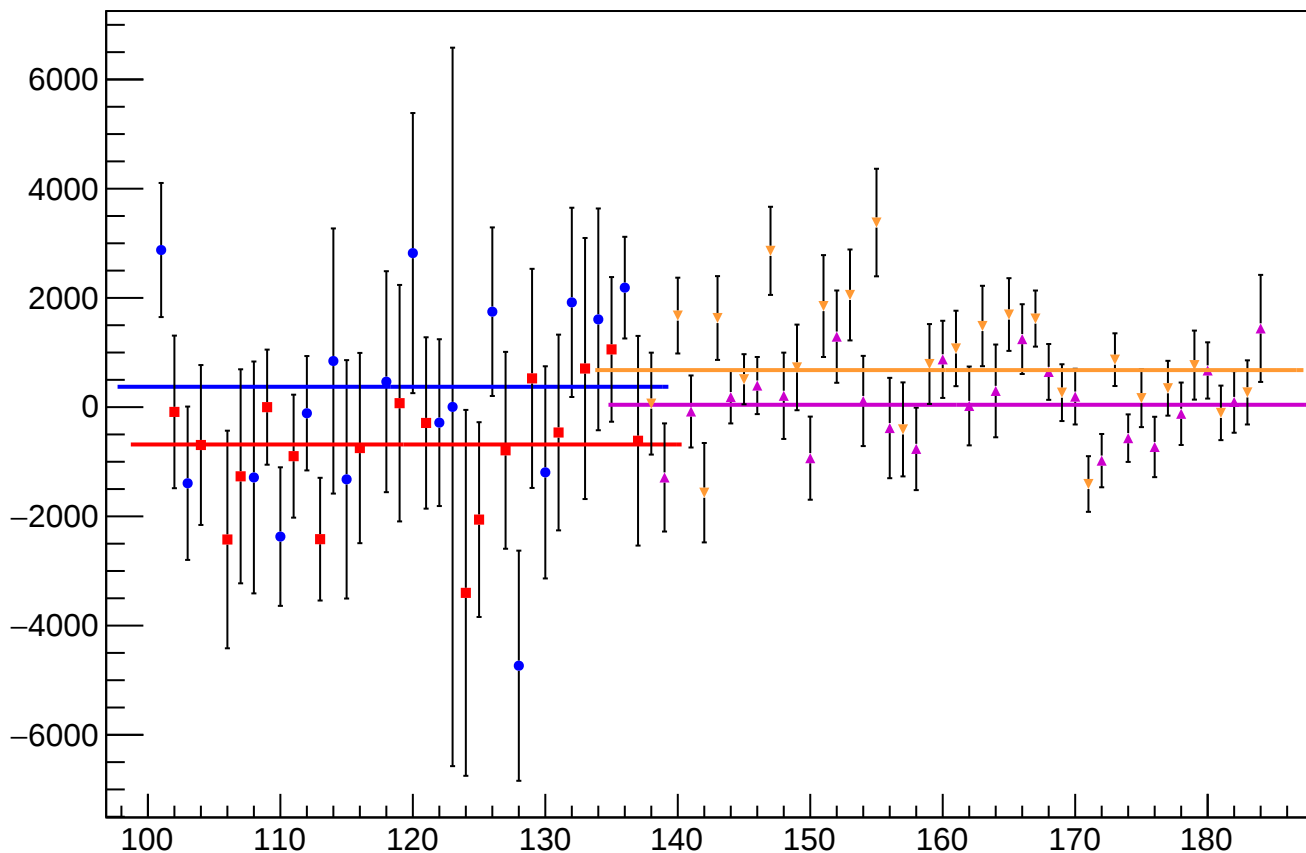
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 574.061 $\pm$ 0.087 χ^2 /NDF: 4763446.1/39

Out: 578.455 $\pm$ 0.086 χ^2 /NDF: 5025536.2/41

All: 576.282 $\pm$ 0.061 χ^2 /NDF: 9790274.3/81

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 678.199+/-129.480 χ^2/NDF : 60.2/23

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 43.183+/-129.538 χ^2/NDF : 26.0/22

Left: 360.834+/-91.576 χ^2/NDF : 98.2/46

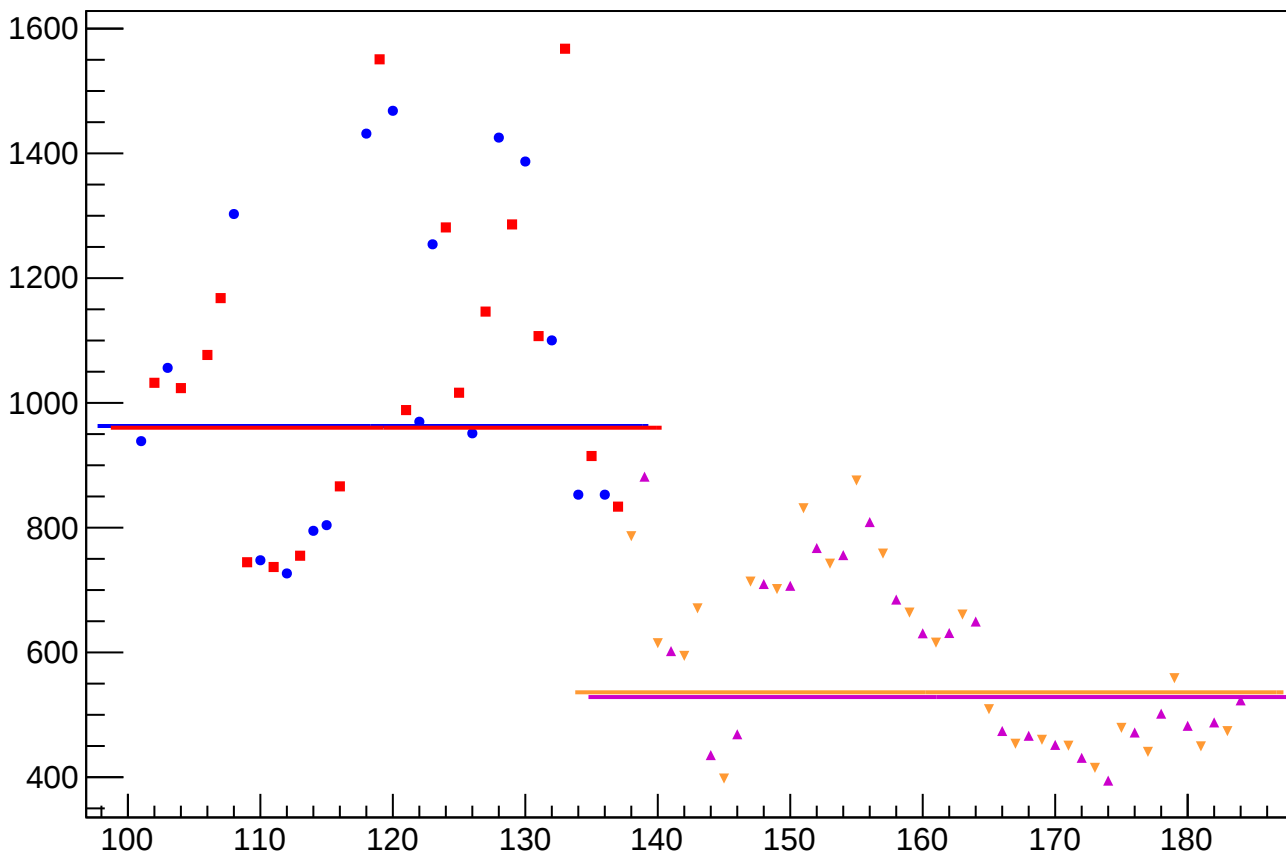
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 76.923+/-122.731 χ^2/NDF : 52.0/39

Out: 531.340+/-122.299 χ^2/NDF : 79.8/41

All: 304.933+/-86.631 χ^2/NDF : 138.7/81

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 536.071 $\pm$ 0.092 χ^2 /NDF:1906389.3/23

Right Out: 960.218 $\pm$ 0.263 χ^2 /NDF: 671009.3/17

Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

Left: 532.270 $\pm$ 0.065 χ^2 /NDF: 3621888.9/46

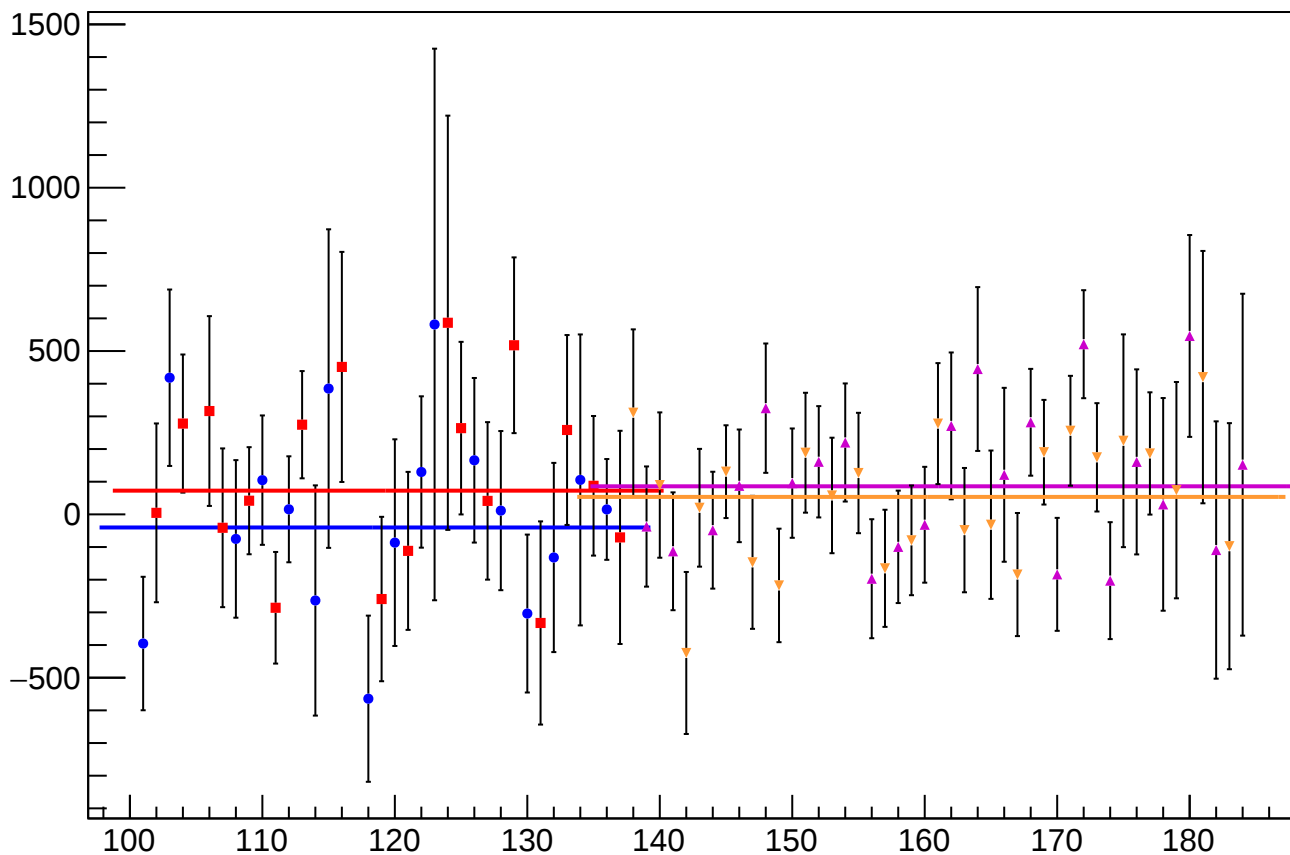
Right: 961.553 $\pm$ 0.189 χ^2 /NDF: 1338584.2/34

In: 572.928 $\pm$ 0.087 χ^2 /NDF:4682290.3/39

Out: 581.812 $\pm$ 0.086 χ^2 /NDF:4891821.8/41

All: 577.386 $\pm$ 0.061 χ^2 /NDF: 9579369.4/81

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 53.460 ± 40.064 $\chi^2/\text{NDF}: 19.4/23$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 85.917 ± 41.591 $\chi^2/\text{NDF}: 27.2/22$

Left: 69.082 ± 28.854 $\chi^2/\text{NDF}: 46.8/46$

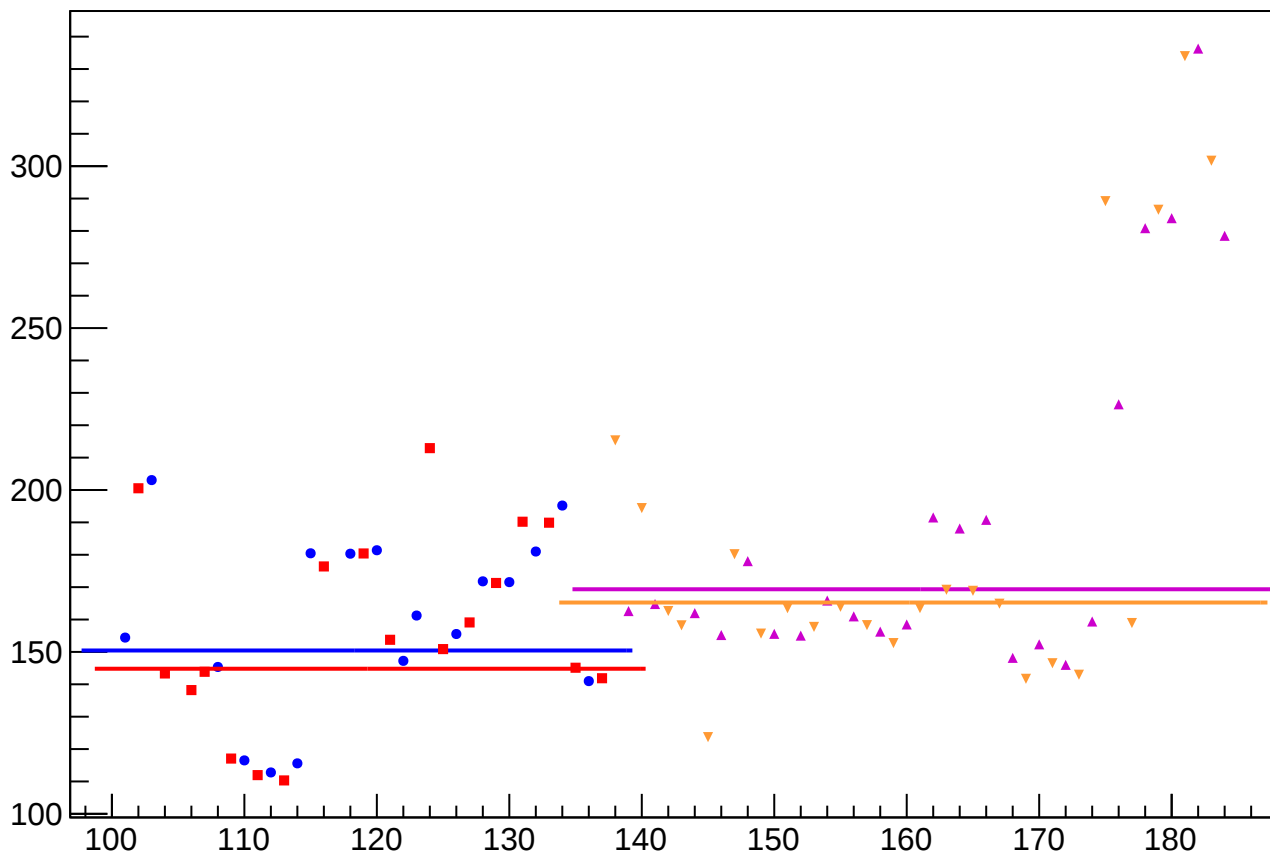
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 44.318 ± 34.043 $\chi^2/\text{NDF}: 45.5/39$

Out: 59.895 ± 32.645 $\chi^2/\text{NDF}: 37.0/41$

All: 52.433 ± 23.562 $\chi^2/\text{NDF}: 82.7/81$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 165.252 $\pm$ 0.028 χ^2 /NDF:1630838.0/23

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 169.348 $\pm$ 0.029 χ^2 /NDF:1256257.6/22

Left: 167.224 $\pm$ 0.020 χ^2 /NDF: 2897155.4/46

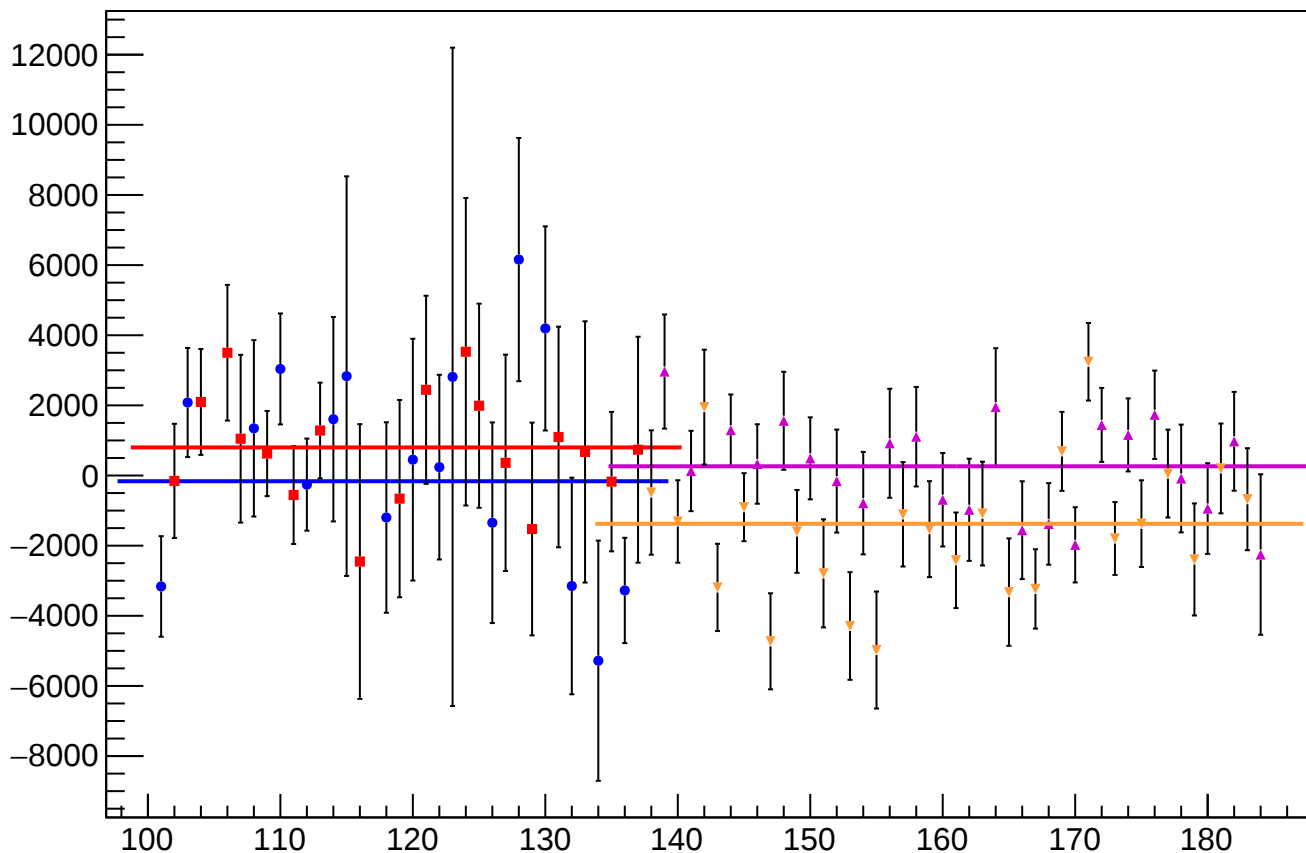
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 163.108 $\pm$ 0.024 χ^2 /NDF:1792782.9/39

Out: 158.382 $\pm$ 0.023 χ^2 /NDF:2309735.1/41

All: 160.646 $\pm$ 0.017 χ^2 /NDF: 4122602.8/81

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1376.631 ± 266.585 $\chi^2/\text{NDF}: 51.3/23$

Right Out: 801.139 ± 486.610 $\chi^2/\text{NDF}: 6.9/17$

Left In: 263.205 ± 270.689 $\chi^2/\text{NDF}: 21.9/22$

Left: -569.240 ± 189.938 $\chi^2/\text{NDF}: 91.8/46$

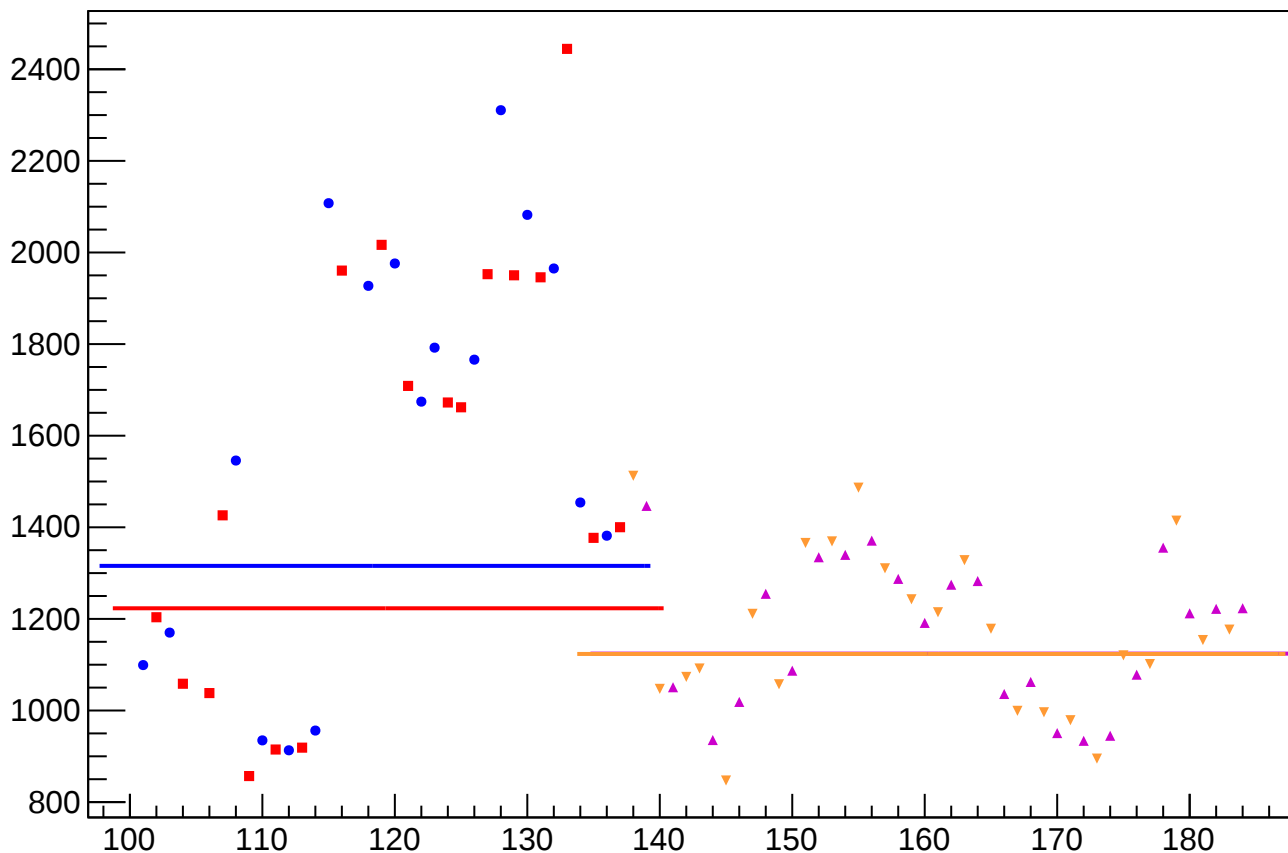
Right: 363.081 ± 359.419 $\chi^2/\text{NDF}: 33.7/34$

In: 175.899 ± 241.364 $\chi^2/\text{NDF}: 47.5/39$

Out: -873.902 ± 233.799 $\chi^2/\text{NDF}: 73.6/41$

All: -365.711 ± 167.931 $\chi^2/\text{NDF}: 130.8/81$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1123.480+/-0.189 χ^2/NDF : 828409.5/23

Right Out: 1223.179+/-0.344 χ^2/NDF : 1363055.0/17

Left In: 1124.193+/-0.191 χ^2/NDF : 659010.3/22

Left: 1123.831+/-0.134 χ^2/NDF : 1487426.9/46

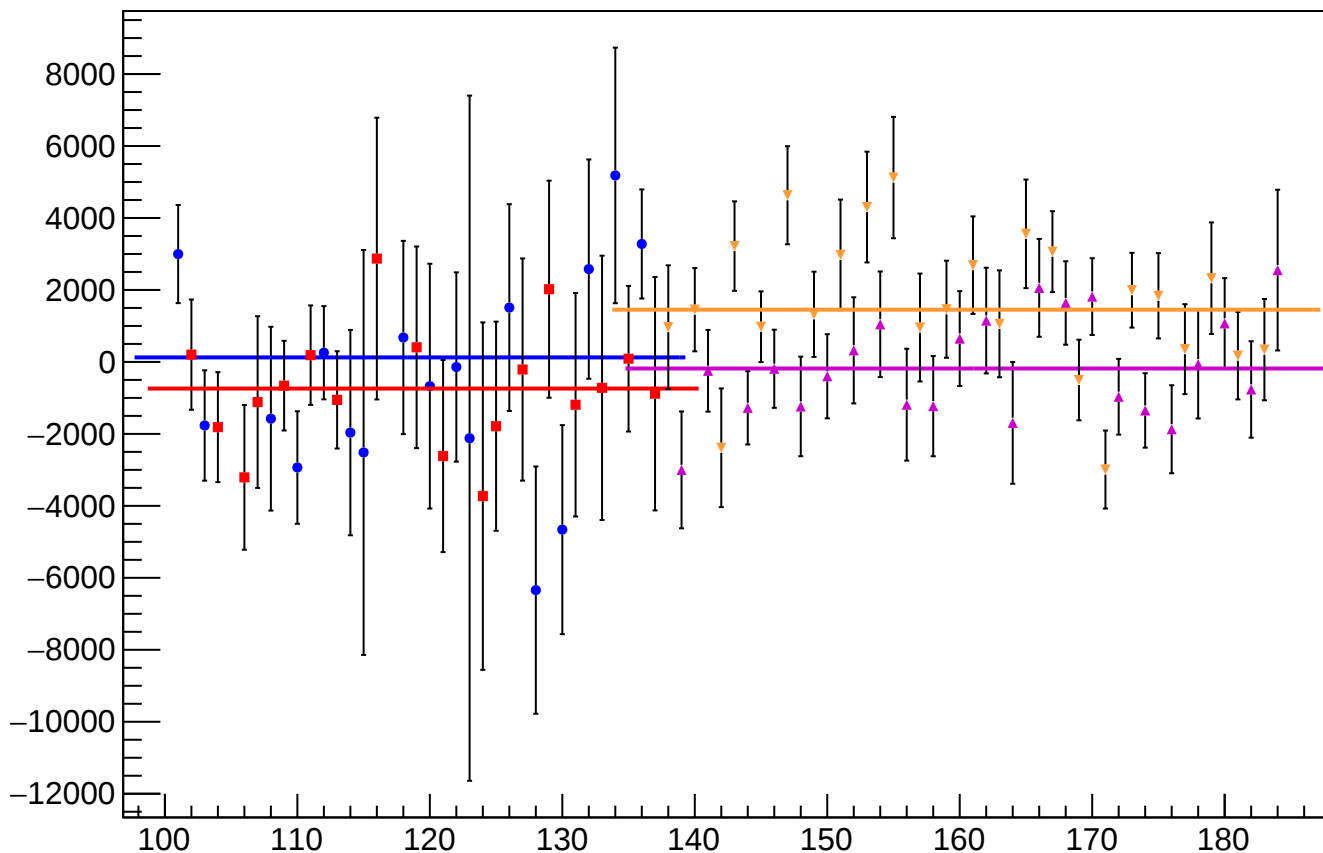
Right: 1265.263+/-0.254 χ^2/NDF : 2514318.9/34

In: 1163.457+/-0.171 χ^2/NDF : 1982690.1/39

Out: 1146.495+/-0.165 χ^2/NDF : 2256039.4/41

All: 1154.706+/-0.119 χ^2/NDF : 4243825.9/81

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1451.591 $\pm$ 264.177 χ^2 /NDF: 50.4/23

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

Left: 644.757 $\pm$ 188.007 χ^2 /NDF: 93.0/46

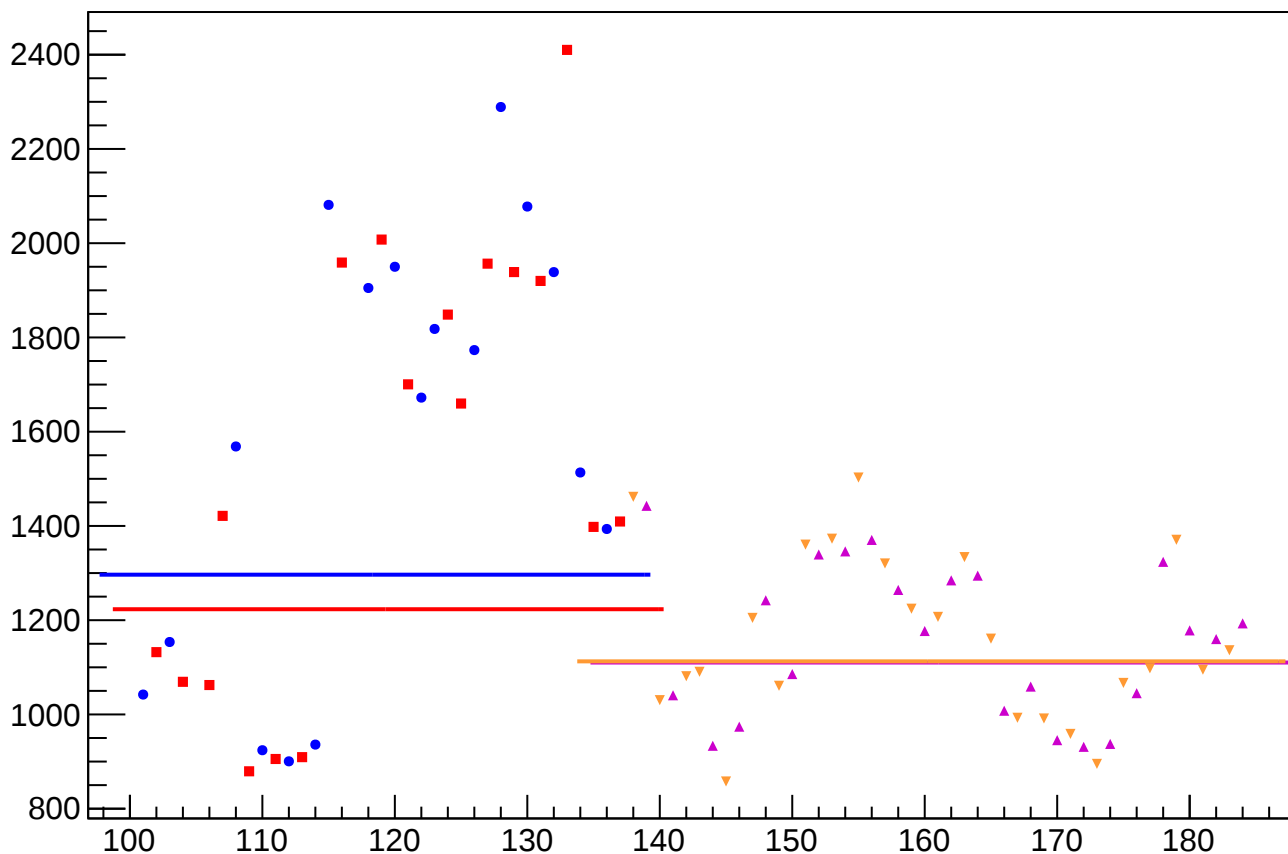
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -119.939 $\pm$ 238.597 χ^2 /NDF: 48.6/39

Out: 953.023 $\pm$ 232.191 χ^2 /NDF: 72.1/41

All: 431.141 $\pm$ 166.402 χ^2 /NDF: 131.1/81

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1112.640 $\pm$ 0.187 χ^2 /NDF: 799599.6/23

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1110.162 $\pm$ 0.189 χ^2 /NDF: 673229.2/22

Left: 1111.417 $\pm$ 0.133 χ^2 /NDF: 1472915.7/46

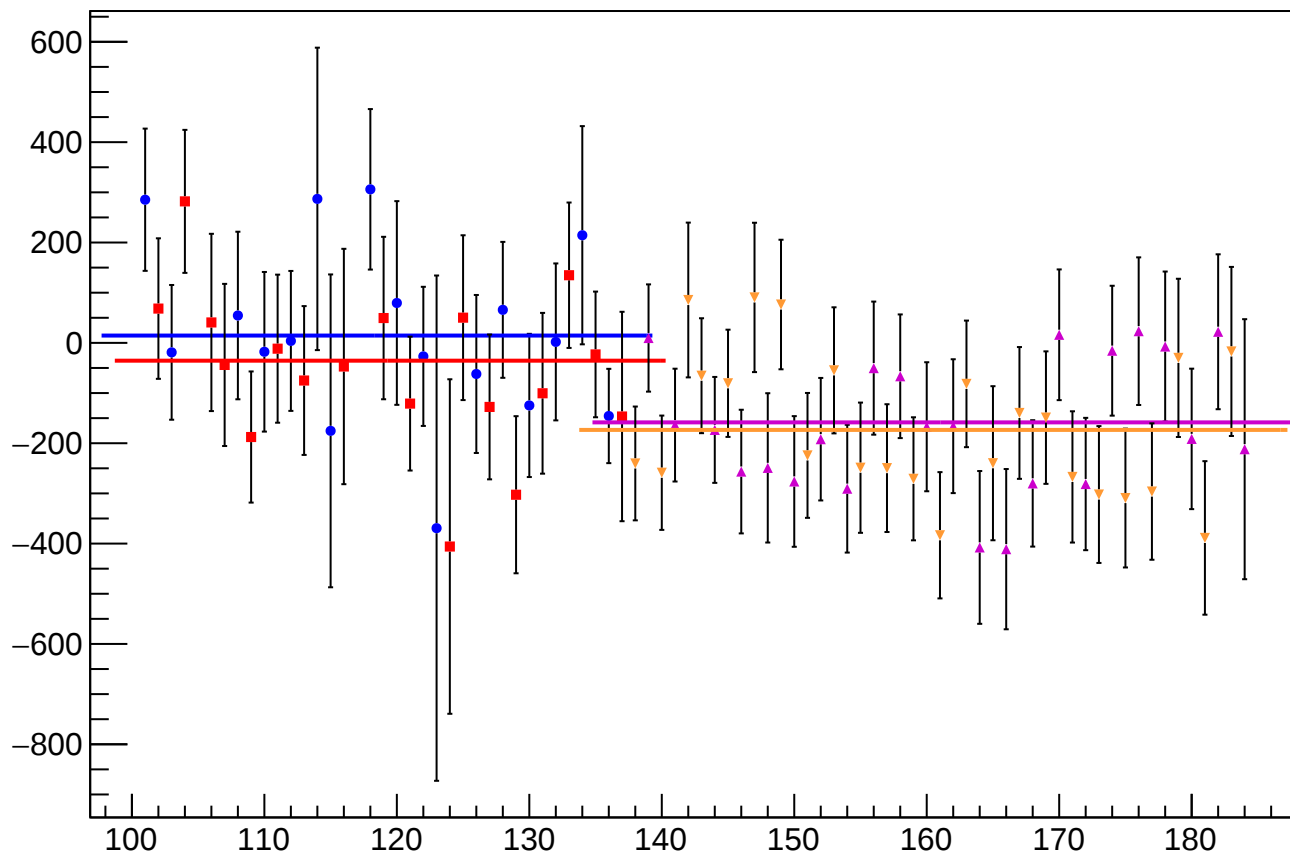
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1148.401 $\pm$ 0.169 χ^2 /NDF: 2047750.0/39

Out: 1137.809 $\pm$ 0.164 χ^2 /NDF: 2226088.3/41

All: 1142.961 $\pm$ 0.118 χ^2 /NDF: 4275863.0/83

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



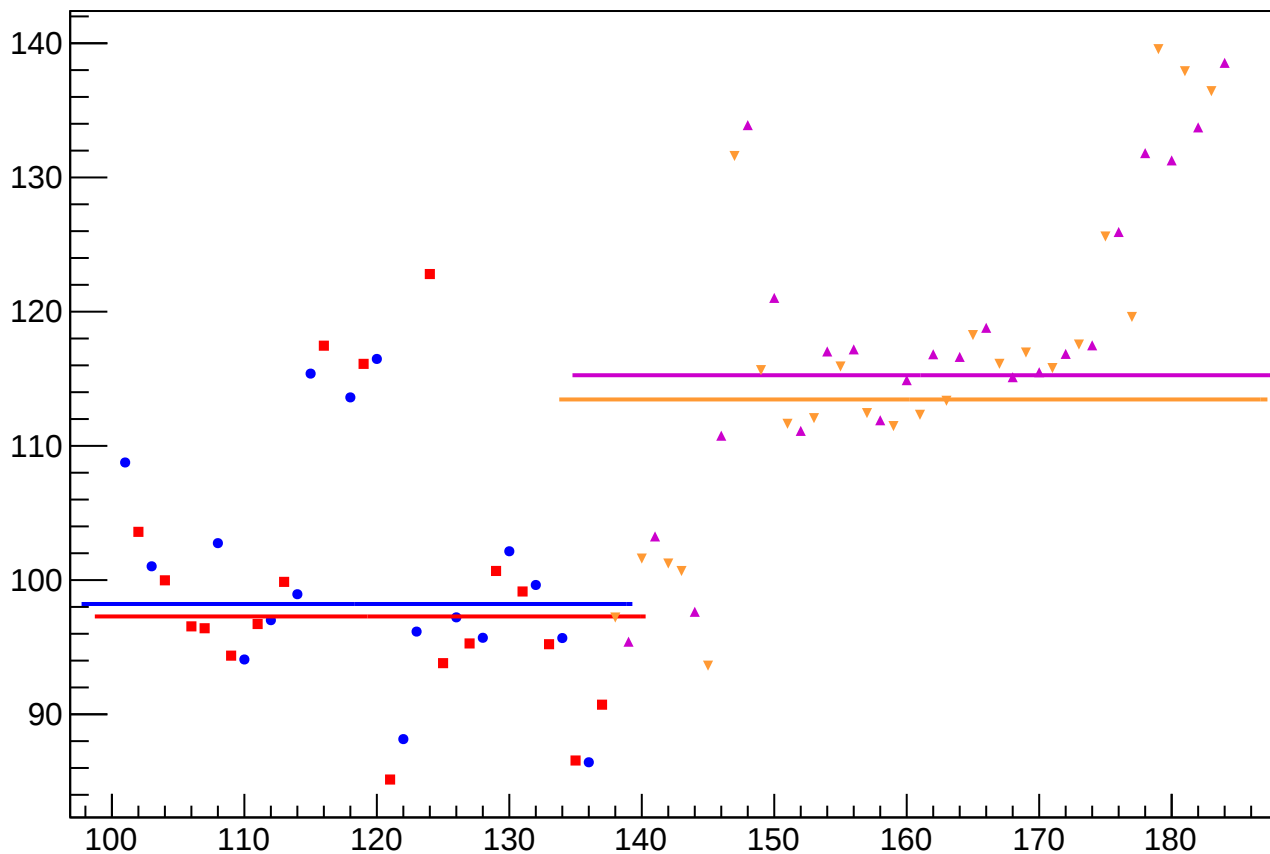
Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -173.465 ± 26.708 $\chi^2/\text{NDF}: 25.1/23$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -158.449 ± 27.575 $\chi^2/\text{NDF}: 20.7/22$

Left: -166.197 ± 19.184 $\chi^2/\text{NDF}: 46.0/46$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -98.801 ± 22.321 $\chi^2/\text{NDF}: 48.5/39$
 Out: -125.736 ± 21.601 $\chi^2/\text{NDF}: 48.9/41$

All: -112.710 ± 15.522 $\chi^2/\text{NDF}: 98.1/81$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 113.459+/-0.019 χ^2/NDF : 370817.2/23

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 115.264+/-0.019 χ^2/NDF : 298522.7/22

Left: 114.332+/-0.014 χ^2/NDF : 673761.0/46

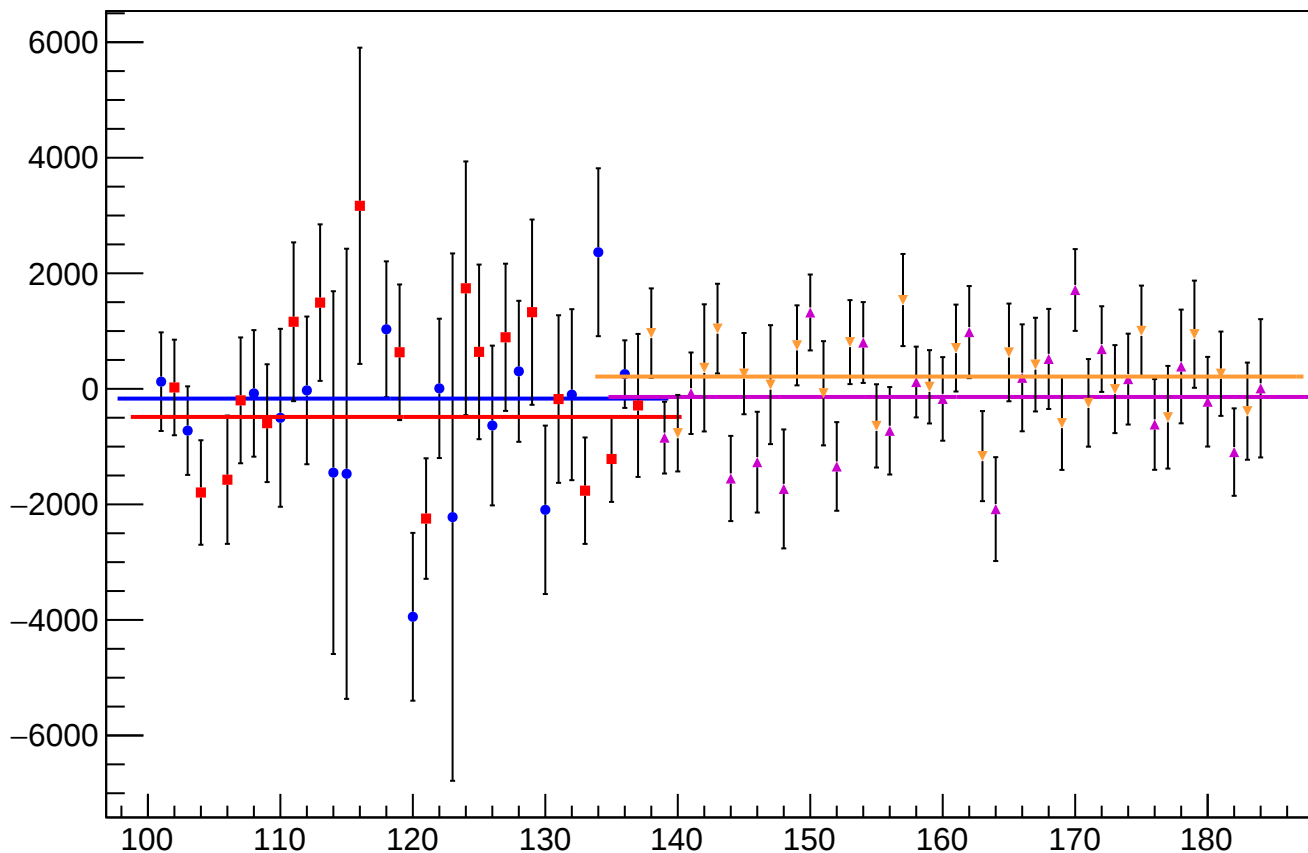
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 109.388+/-0.016 χ^2/NDF : 662467.8/39

Out: 107.866+/-0.015 χ^2/NDF : 720560.2/41

All: 108.602+/-0.011 χ^2/NDF : 1387826.5/81

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 212.214 $\pm$ 159.605 χ^2 /NDF:18.0/23

Right Out: -486.312 $\pm$ 268.010 χ^2 /NDF: 19.6/17

Left In: -140.513 $\pm$ 160.990 χ^2 /NDF:36.9/22

Left: 37.375 $\pm$ 113.344 χ^2 /NDF: 57.3/46

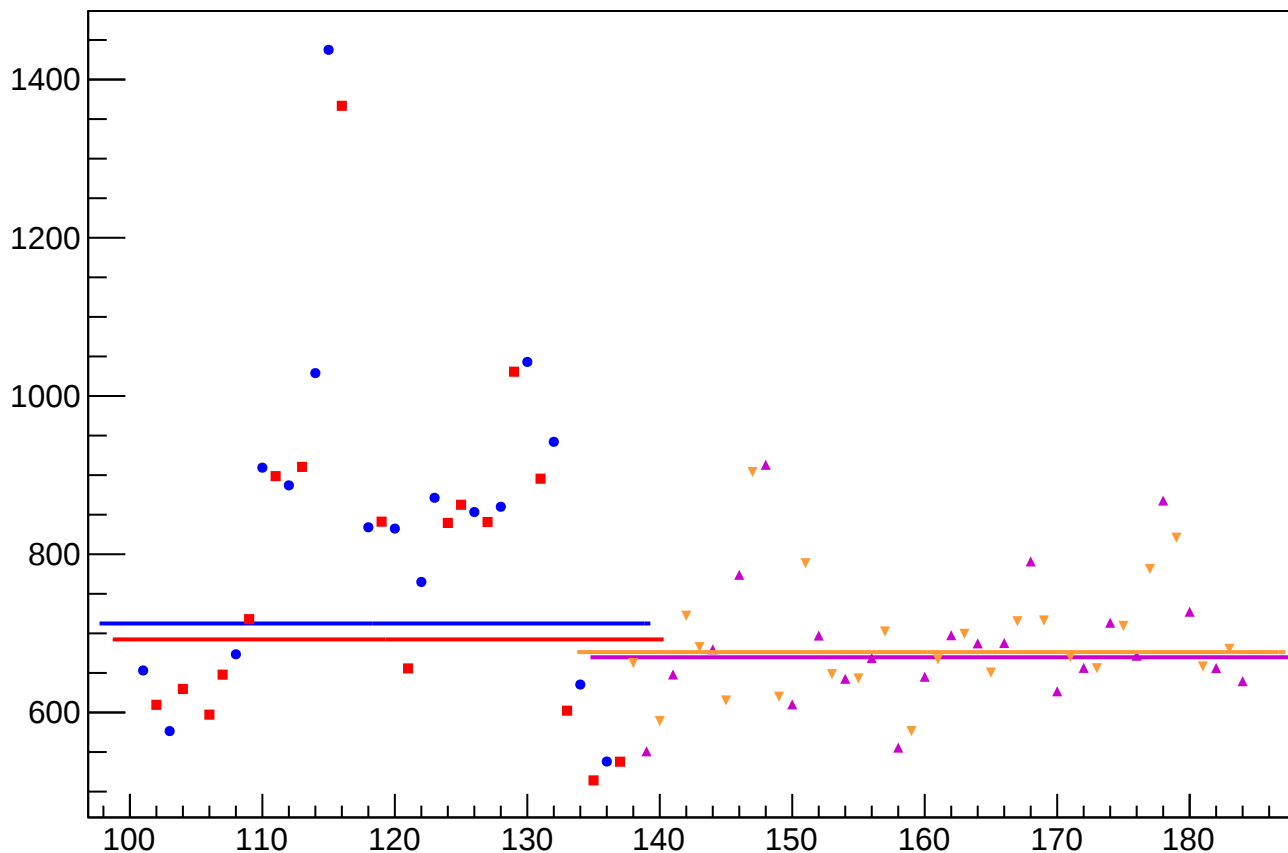
Right: -335.728 $\pm$ 194.327 χ^2 /NDF: 34.9/34

In: -147.460 $\pm$ 139.833 χ^2 /NDF:51.5/39

Out: 29.341 $\pm$ 137.130 χ^2 /NDF:42.6/41

All: -57.334 $\pm$ 97.907 χ^2 /NDF: 94.9/81

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 676.348+/-0.113 χ^2/NDF : 351081.1/23

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 669.811+/-0.114 χ^2/NDF : 460796.0/22

Left: 673.108+/-0.080 χ^2/NDF : 813540.2/46

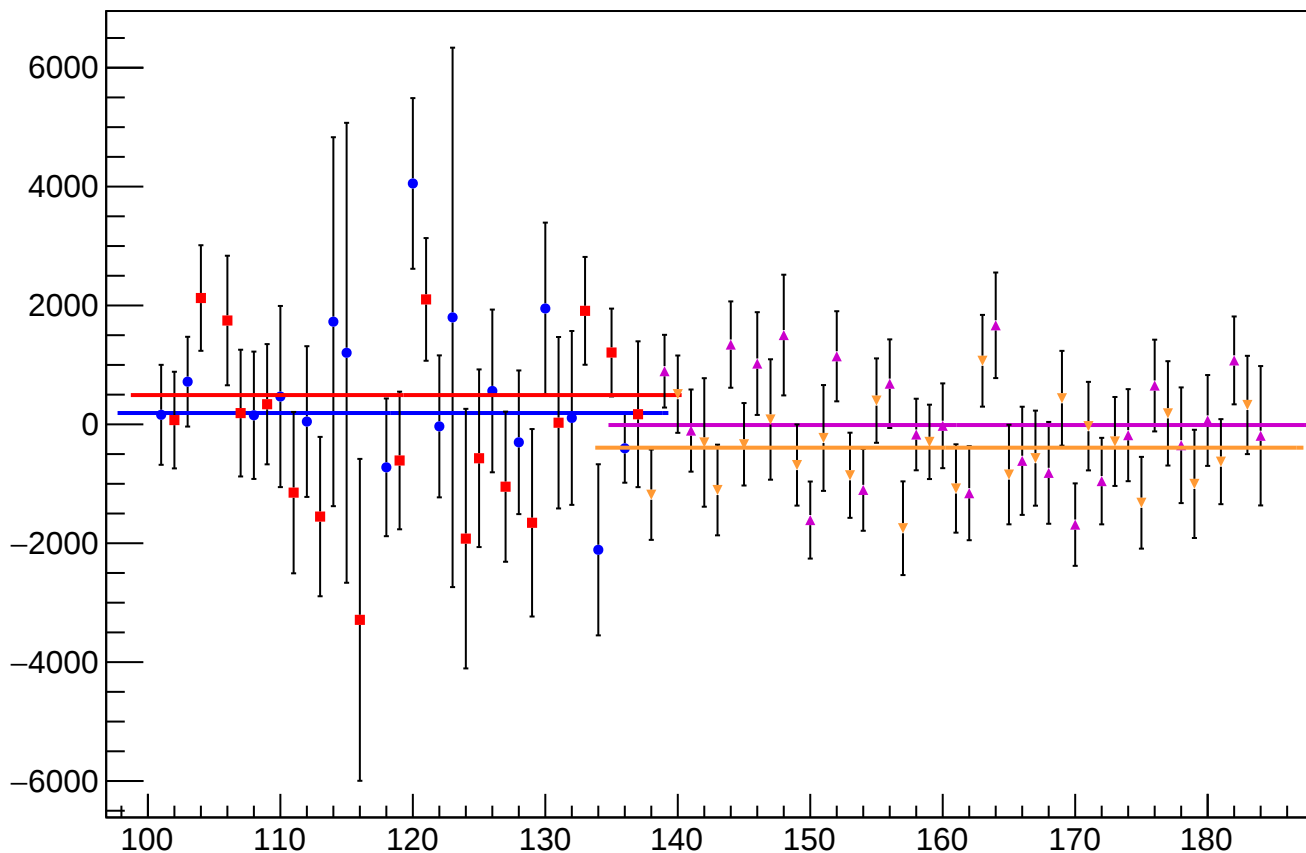
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 680.288+/-0.099 χ^2/NDF : 1155811.0/39

Out: 680.535+/-0.097 χ^2/NDF : 1013292.3/41

All: 680.414+/-0.069 χ^2/NDF : 2169106.5/81

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -392.404 ± 157.190 $\chi^2/\text{NDF}: 18.3/23$

Right Out: 492.784 ± 264.629 $\chi^2/\text{NDF}: 22.8/17$

Left In: -11.243 ± 158.497 $\chi^2/\text{NDF}: 38.8/22$

Left: -203.402 ± 111.609 $\chi^2/\text{NDF}: 60.0/46$

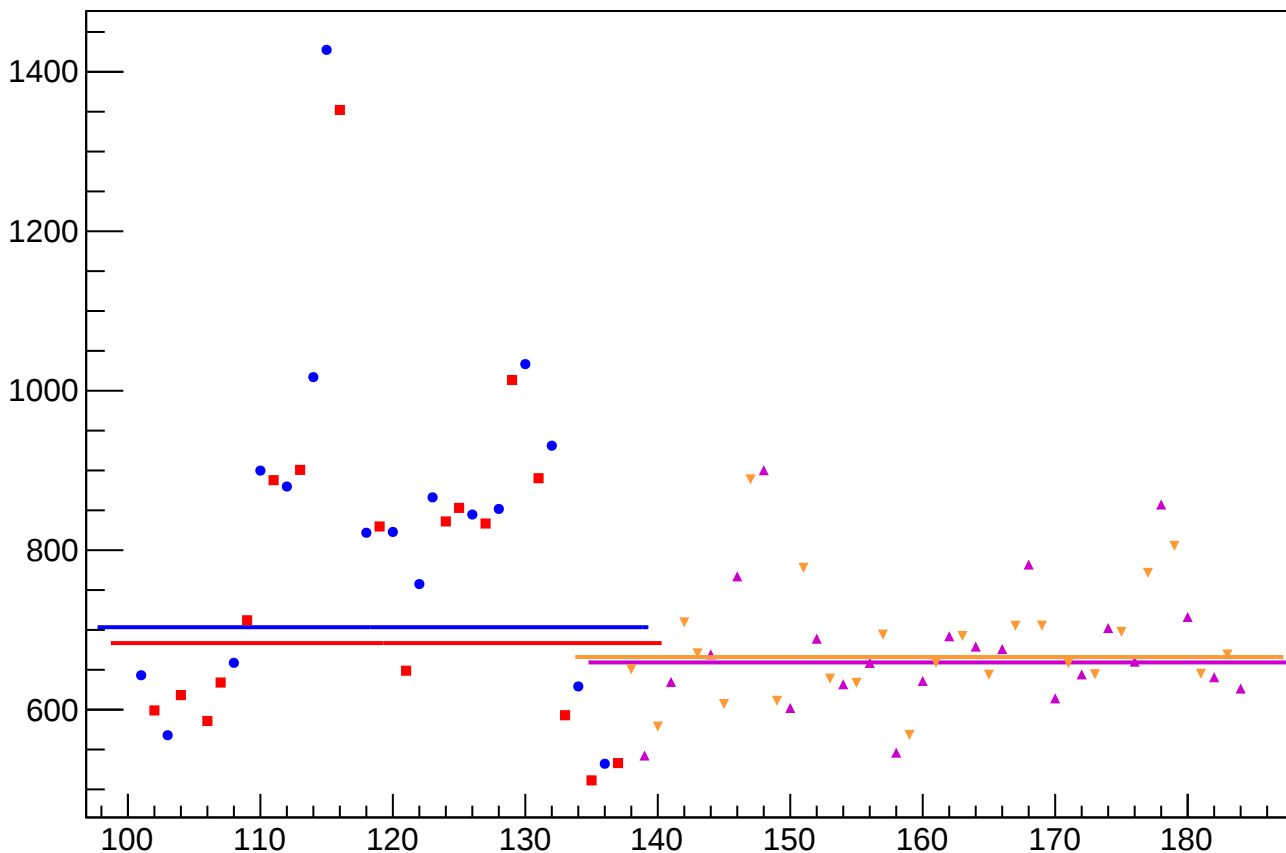
Right: 349.629 ± 191.893 $\chi^2/\text{NDF}: 37.6/34$

In: 38.160 ± 137.772 $\chi^2/\text{NDF}: 53.4/39$

Out: -161.536 ± 135.146 $\chi^2/\text{NDF}: 49.3/41$

All: -63.609 ± 96.478 $\chi^2/\text{NDF}: 103.8/81$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 666.001 $\pm$ 0.111 χ^2 /NDF: 350746.8/23

Right Out: 683.493 $\pm$ 0.187 χ^2 /NDF: 659356.0/17

Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

Left: 662.644 $\pm$ 0.079 χ^2 /NDF: 825331.9/46

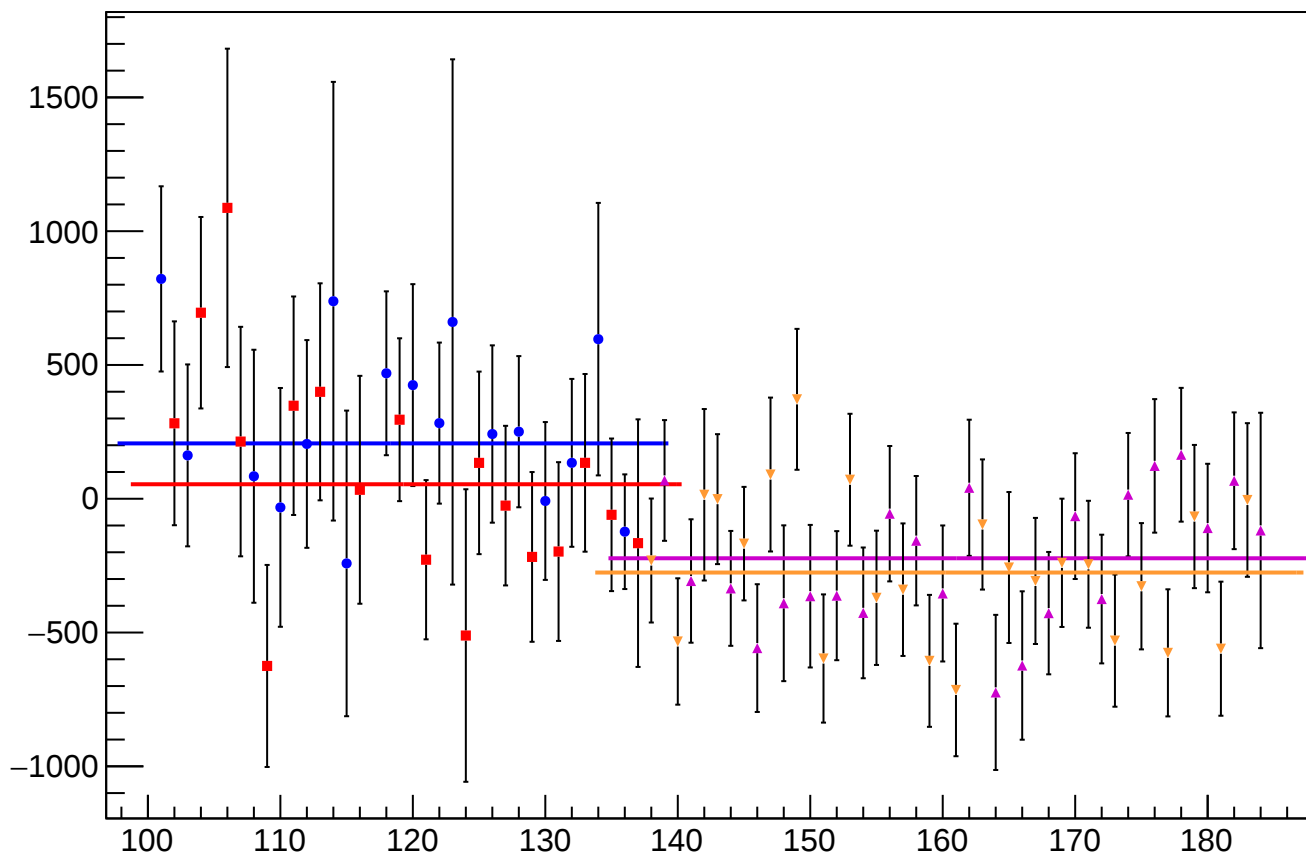
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 670.028 $\pm$ 0.097 χ^2 /NDF: 1177606.2/39

Out: 670.563 $\pm$ 0.096 χ^2 /NDF: 1016561.8/41

All: 670.301 $\pm$ 0.068 χ^2 /NDF: 2194183.3/81

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: -275.772 $\pm$ 50.797 χ^2 /NDF:26.3/23

Right Out: 54.185 $\pm$ 85.192 χ^2 /NDF: 15.7/17

Left In: -222.456 $\pm$ 52.039 χ^2 /NDF:21.2/22

Left: -249.757 $\pm$ 36.350 χ^2 /NDF: 48.0/46

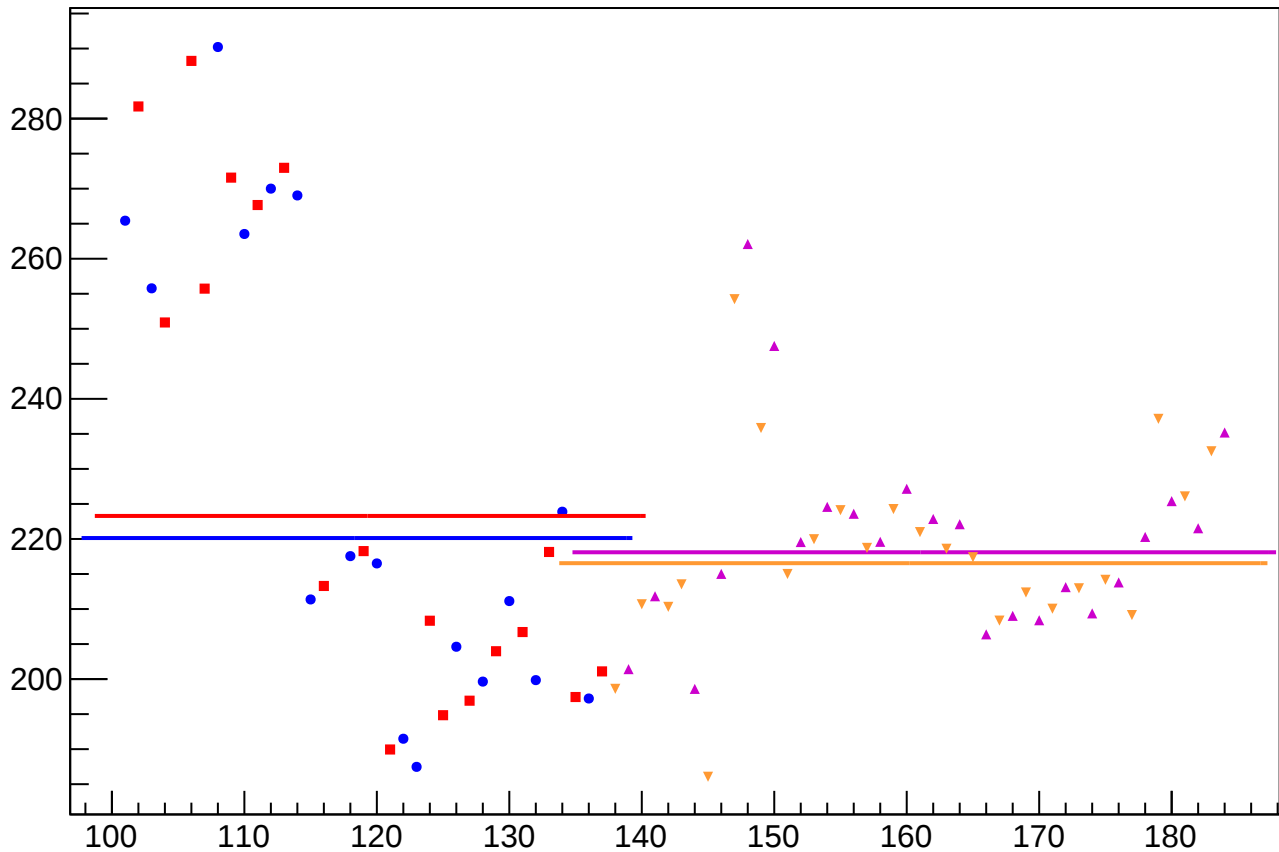
Right: 130.137 $\pm$ 60.395 χ^2 /NDF: 26.8/34

In: -106.665 $\pm$ 44.471 χ^2 /NDF:49.1/39

Out: -189.230 $\pm$ 43.630 χ^2 /NDF:53.0/41

All: -148.735 $\pm$ 31.144 χ^2 /NDF: 103.8/81

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 ± 0.061 $\chi^2/\text{NDF}: 228444.0/16$

Left Out: 216.545 ± 0.036 $\chi^2/\text{NDF}: 133887.2/23$

Right Out: 223.287 ± 0.060 $\chi^2/\text{NDF}: 272255.2/17$

Left In: 218.101 ± 0.037 $\chi^2/\text{NDF}: 125305.4/22$

Left: 217.304 ± 0.026 $\chi^2/\text{NDF}: 260108.8/46$

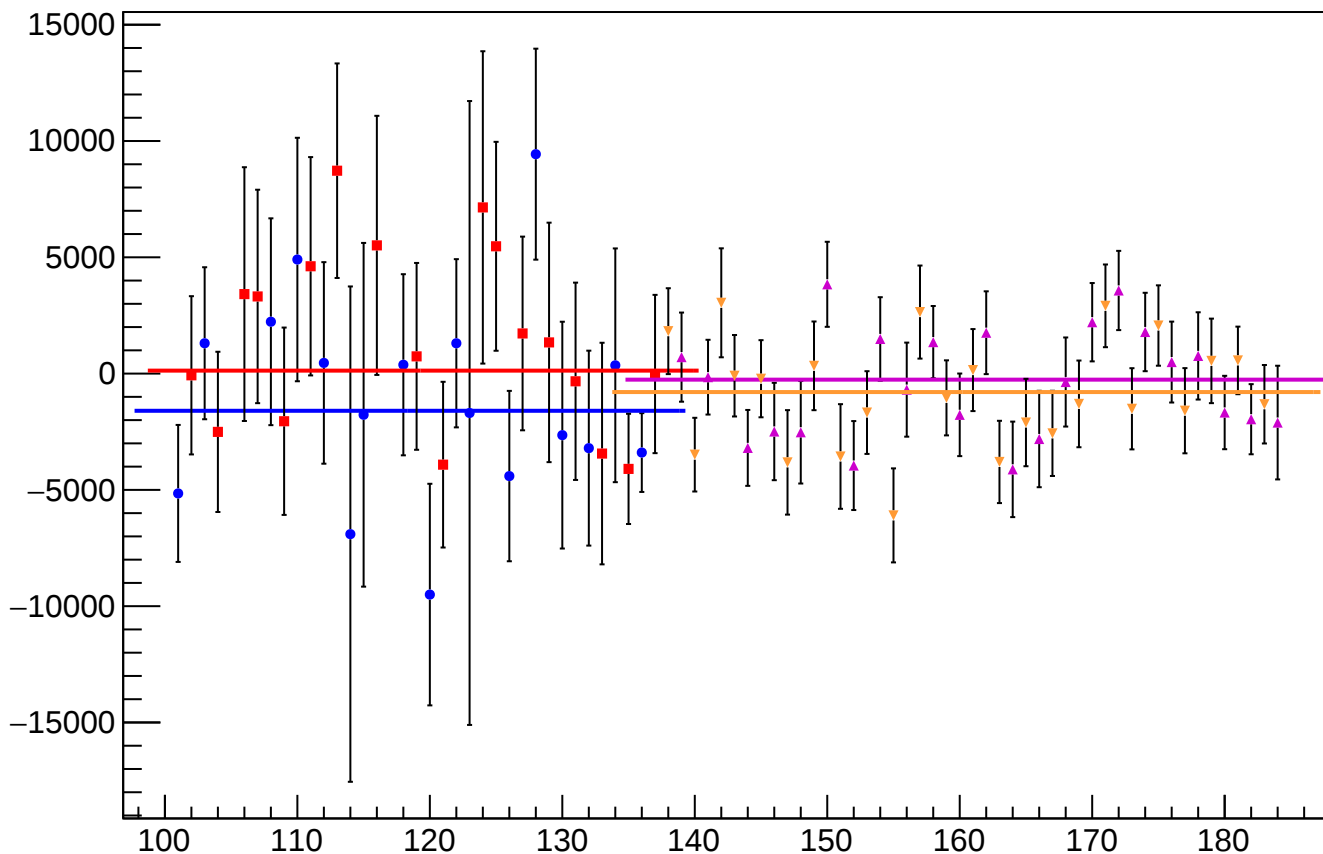
Right: 221.718 ± 0.043 $\chi^2/\text{NDF}: 502063.5/34$

In: 218.649 ± 0.031 $\chi^2/\text{NDF}: 354571.5/39$

Out: 218.313 ± 0.031 $\chi^2/\text{NDF}: 415384.9/41$

All: 218.478 ± 0.022 $\chi^2/\text{NDF}: 770014.5/81$

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -793.698 $\pm$ 368.971 χ^2 /NDF:35.3/23

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -260.369 $\pm$ 376.365 χ^2 /NDF:35.4/22

Left: -532.324 $\pm$ 263.477 χ^2 /NDF: 71.7/46

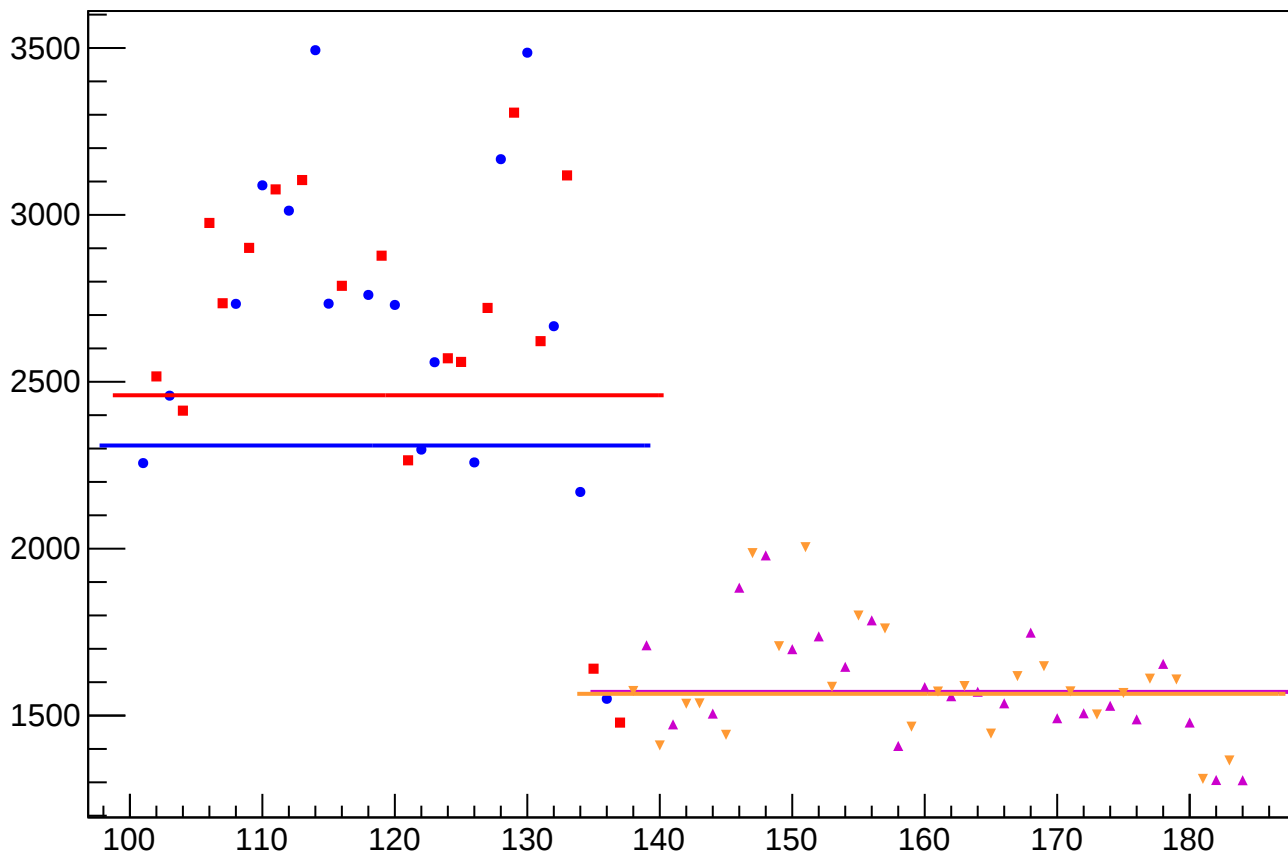
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -451.914 $\pm$ 348.400 χ^2 /NDF:53.8/39

Out: -672.718 $\pm$ 343.897 χ^2 /NDF:50.9/41

All: -563.752 $\pm$ 244.748 χ^2 /NDF: 105.0/81

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1565.153 $\pm$ 0.261 χ^2 /NDF: 351109.3/23

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1570.921 $\pm$ 0.266 χ^2 /NDF: 333590.4/22

Left: 1567.980 $\pm$ 0.186 χ^2 /NDF: 684939.2/46

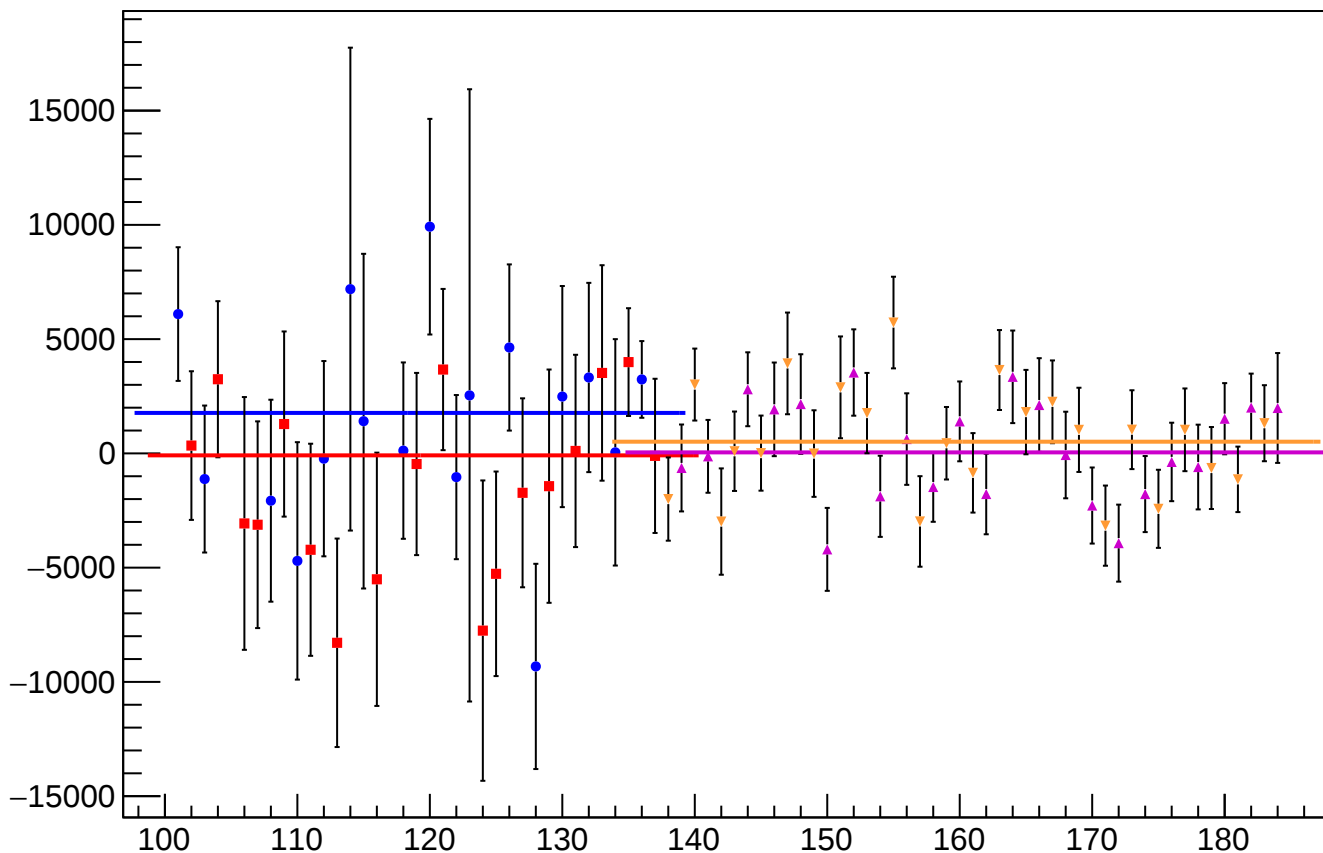
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1676.549 $\pm$ 0.246 χ^2 /NDF: 2235271.2/39

Out: 1682.588 $\pm$ 0.243 χ^2 /NDF: 2562400.8/41

All: 1679.607 $\pm$ 0.173 χ^2 /NDF: 4797976.4/81

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2 /NDF: 17.3/16

Left Out: 511.737 $\pm$ 364.769 χ^2 /NDF:35.6/23

Right Out: -86.080 $\pm$ 939.852 χ^2 /NDF: 14.5/17

Left In: 43.949 $\pm$ 371.765 χ^2 /NDF:33.5/22

Left: 282.286 $\pm$ 260.369 χ^2 /NDF: 69.9/46

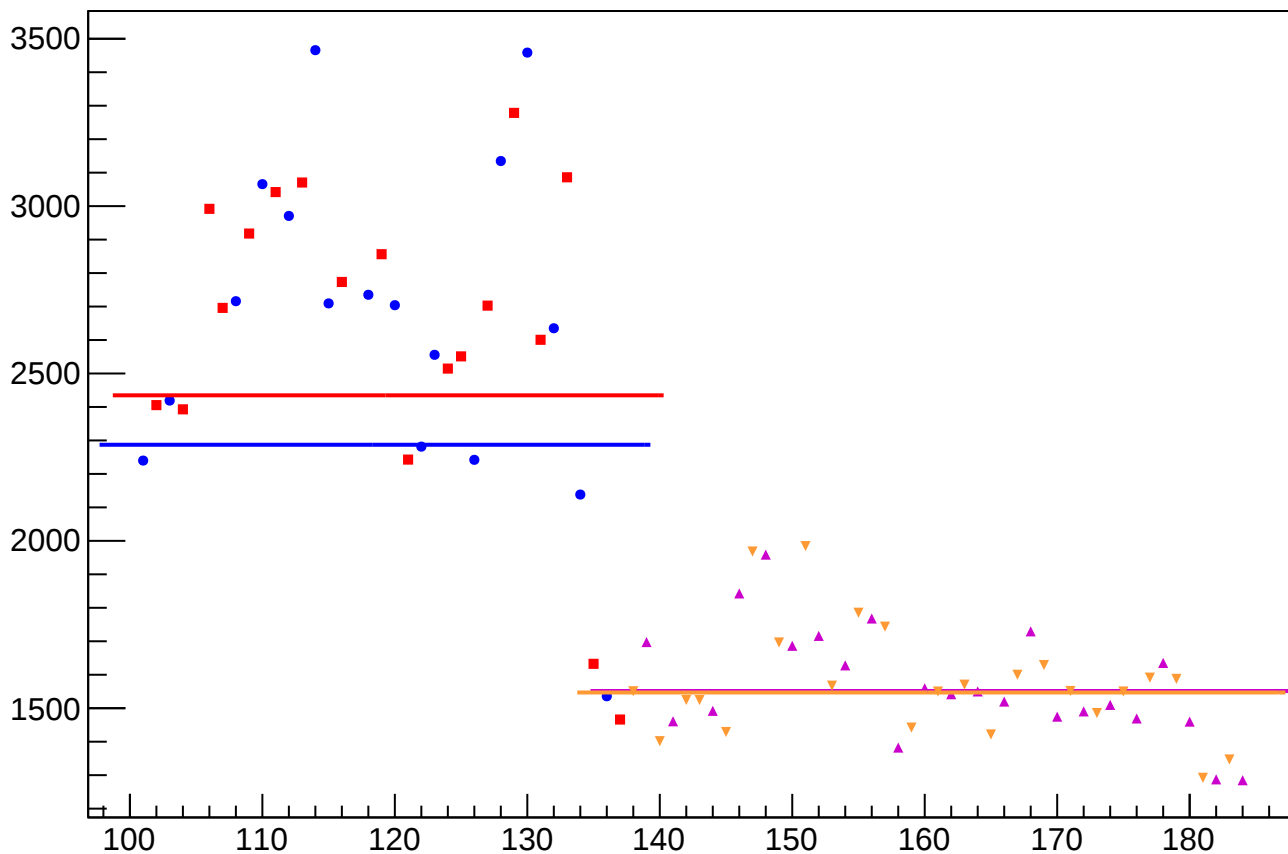
Right: 870.195 $\pm$ 654.628 χ^2 /NDF: 33.8/34

In: 289.926 $\pm$ 344.279 χ^2 /NDF:53.9/39

Out: 433.475 $\pm$ 340.056 χ^2 /NDF:50.4/41

All: 362.586 $\pm$ 241.935 χ^2 /NDF: 104.4/81

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1547.007+/-0.258 χ^2/NDF : 358246.0/23

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1551.481+/-0.263 χ^2/NDF : 339002.9/22

Left: 1549.201+/-0.184 χ^2/NDF : 697396.5/46

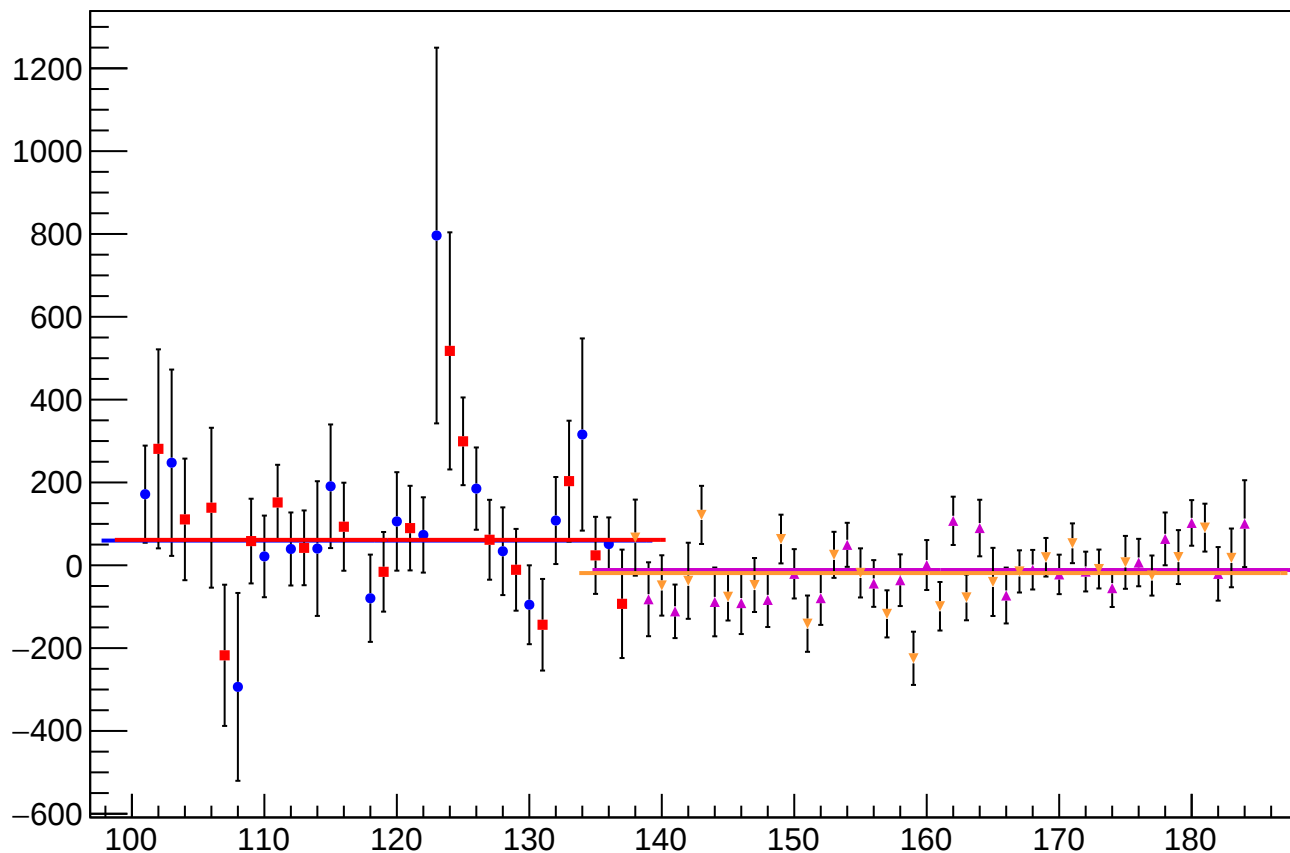
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1656.235+/-0.243 χ^2/NDF : 2253516.6/39

Out: 1663.228+/-0.240 χ^2/NDF : 2576084.4/41

All: 1659.775+/-0.171 χ^2/NDF : 4830018.7/81

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 ± 27.080 χ^2/NDF : 15.3/16

Left Out: -18.790 ± 12.183 χ^2/NDF : 35.8/23

Right Out: 61.399 ± 27.011 χ^2/NDF : 19.7/17

Left In: -11.418 ± 12.524 χ^2/NDF : 24.3/22

Left: -15.206 ± 8.733 χ^2/NDF : 60.2/46

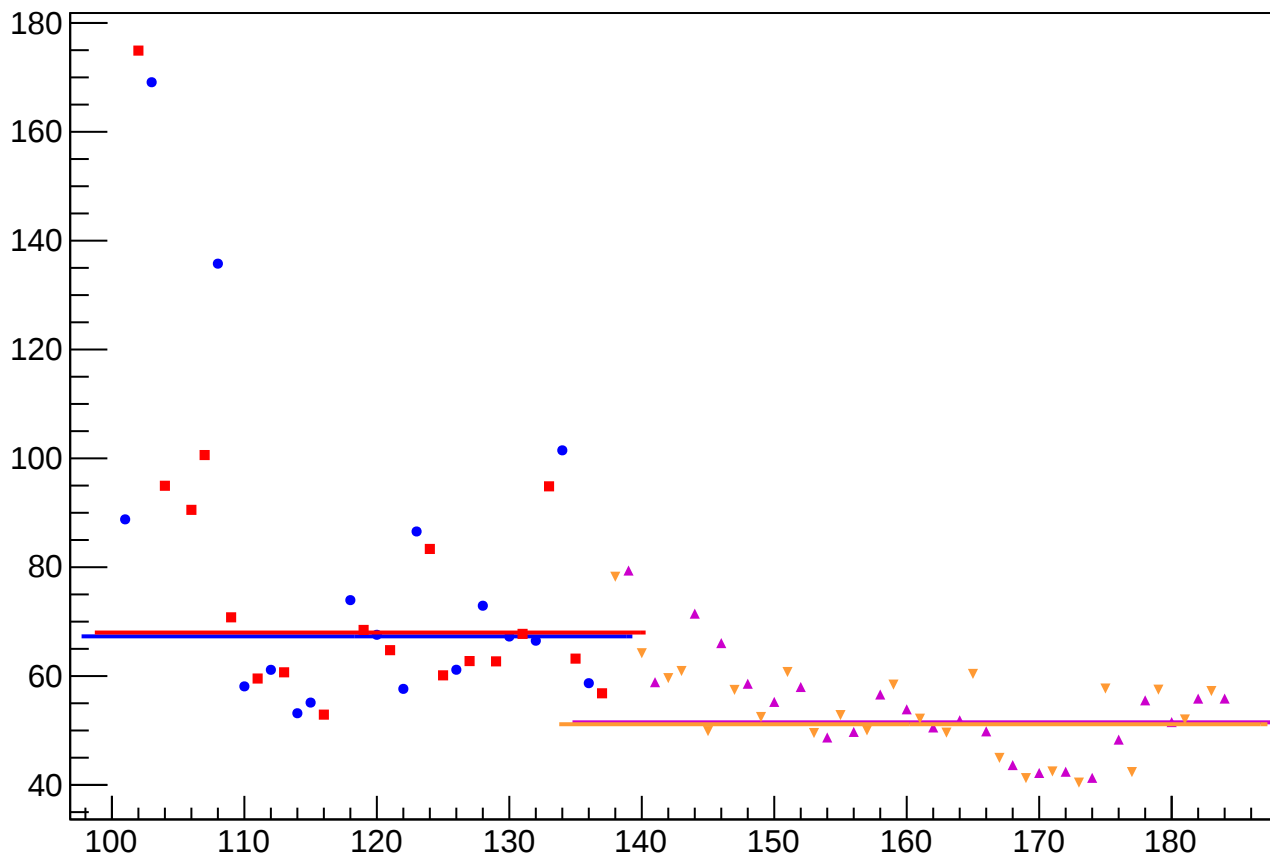
Right: 60.530 ± 19.124 χ^2/NDF : 35.0/34

In: 1.106 ± 11.367 χ^2/NDF : 45.3/39

Out: -5.235 ± 11.105 χ^2/NDF : 62.8/41

All: -2.138 ± 7.944 χ^2/NDF : 108.2/81

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.149 $\pm$ 0.009 χ^2 /NDF: 822679.4/23

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 51.501 $\pm$ 0.009 χ^2 /NDF: 818721.5/22

Left: 51.320 $\pm$ 0.006 χ^2 /NDF: 1642209.8/46

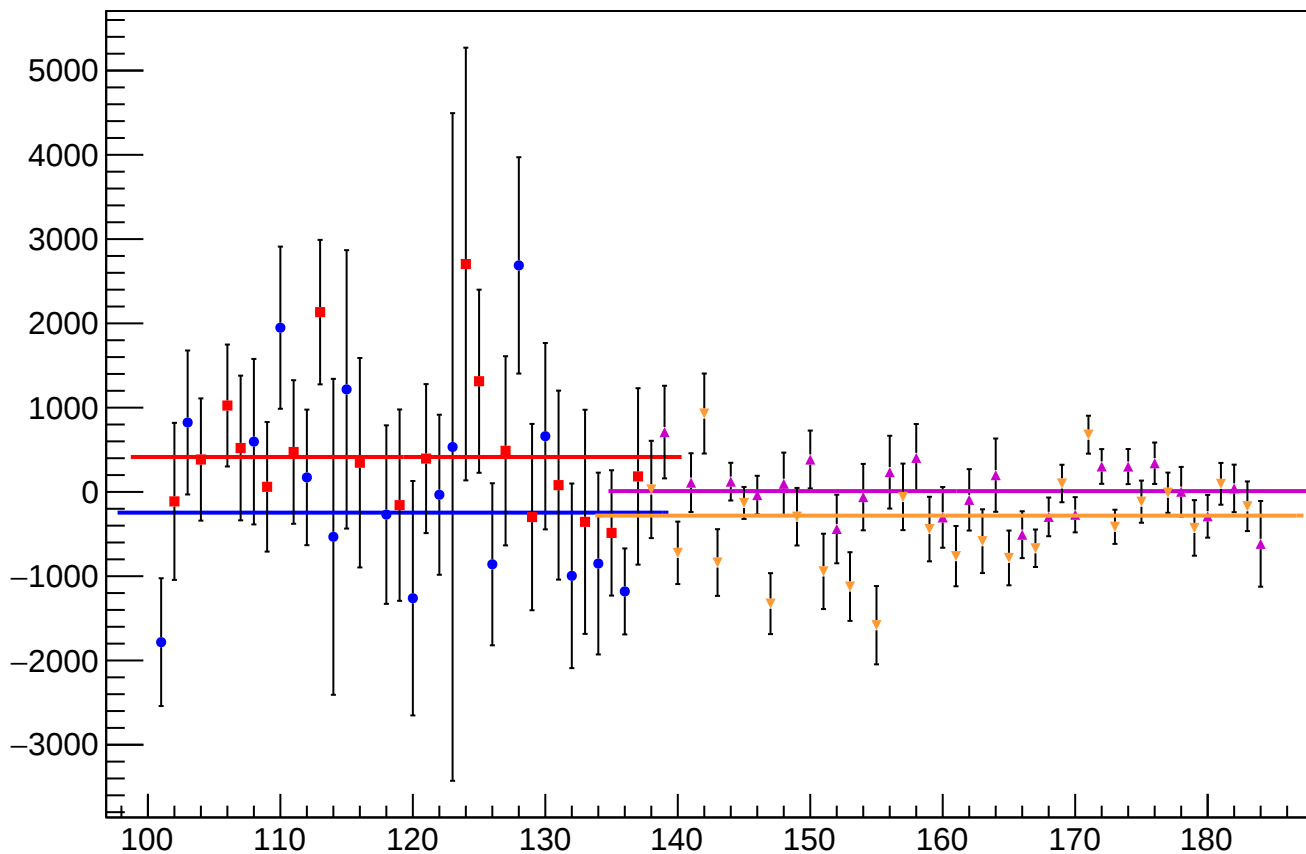
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 54.284 $\pm$ 0.008 χ^2 /NDF: 2220704.1/39

Out: 53.997 $\pm$ 0.008 χ^2 /NDF: 2223687.4/41

All: 54.137 $\pm$ 0.006 χ^2 /NDF: 4445041.9/81

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 ± 235.404 χ^2/NDF : 23.8/16

Left Out: -281.018 ± 60.477 χ^2/NDF : 67.8/23

Right Out: 414.725 ± 222.788 χ^2/NDF : 9.4/17

Left In: 9.866 ± 60.601 χ^2/NDF : 22.5/22

Left: -135.873 ± 42.807 χ^2/NDF : 101.8/46

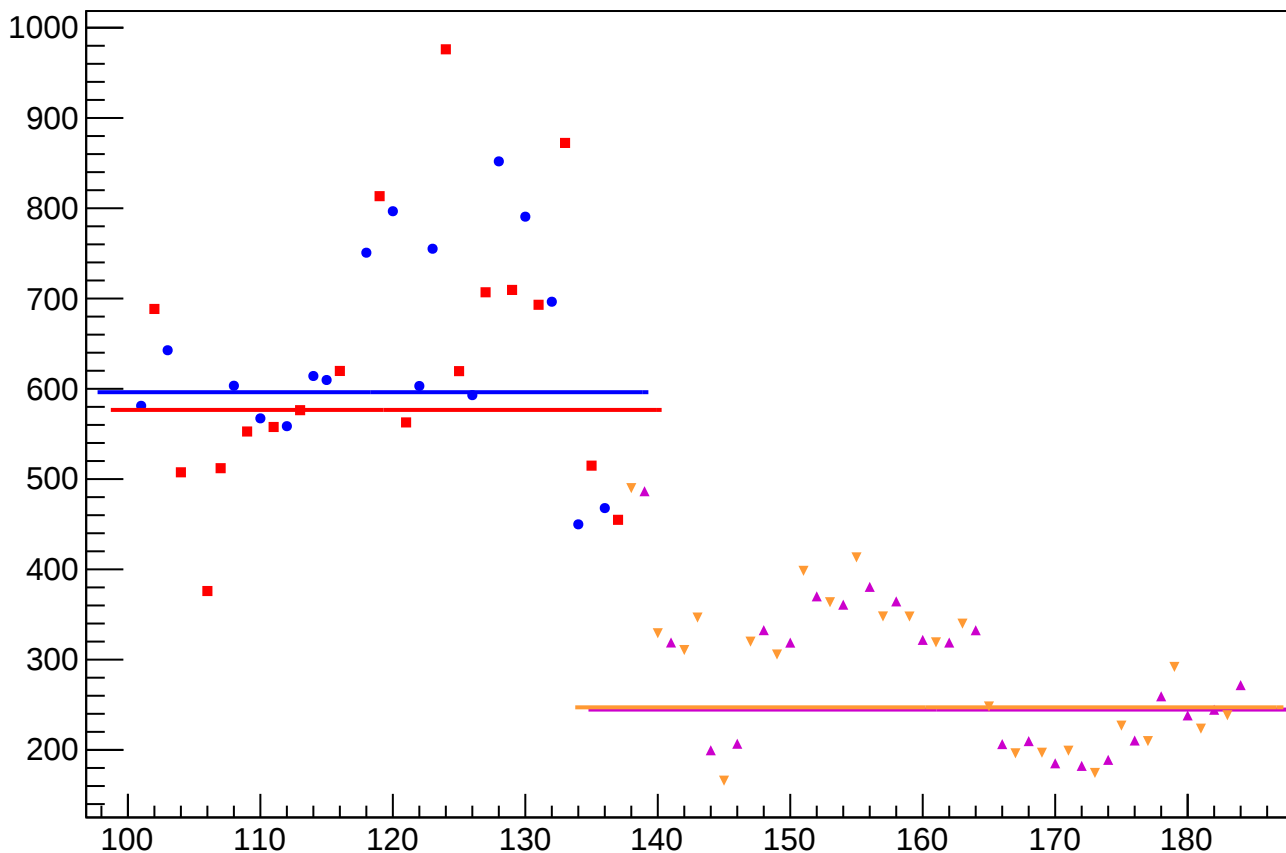
Right: 102.716 ± 161.811 χ^2/NDF : 37.3/34

In: -6.014 ± 58.687 χ^2/NDF : 47.3/39

Out: -233.269 ± 58.365 χ^2/NDF : 86.3/41

All: -120.267 ± 41.384 χ^2/NDF : 141.1/81

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 247.159+/-0.043 χ^2/NDF : 2911749.4/23

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 244.671+/-0.043 χ^2/NDF : 2439501.9/22

Left: 245.918+/-0.030 χ^2/NDF : 5352940.1/46

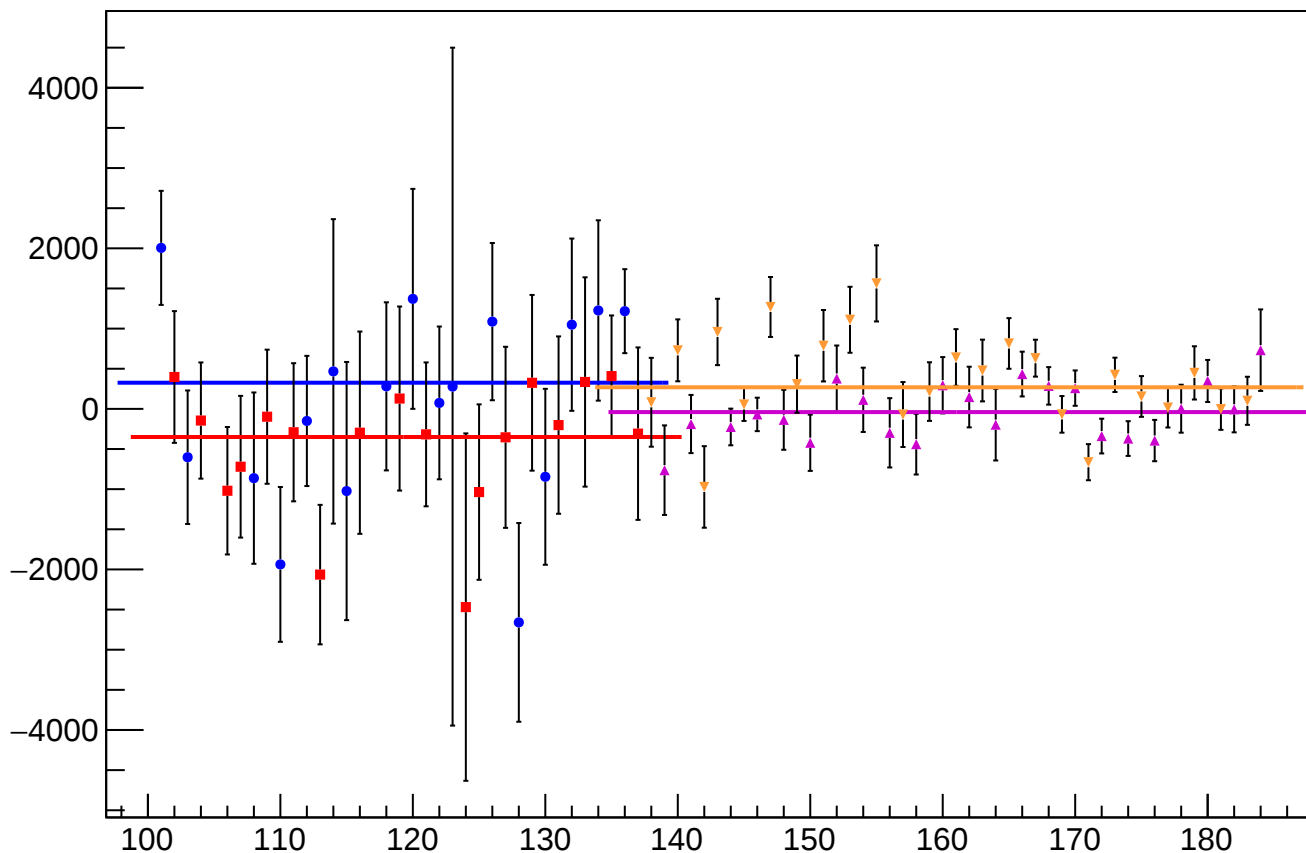
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 266.522+/-0.041 χ^2/NDF : 7045440.6/39

Out: 269.770+/-0.041 χ^2/NDF : 7558842.2/41

All: 268.155+/-0.029 χ^2/NDF : 14607361.6/83

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 269.168 ± 62.128 χ^2/NDF : 62.0/23

Right Out: -350.392 ± 225.254 χ^2/NDF : 9.0/17

Left In: -40.015 ± 61.495 χ^2/NDF : 25.0/22

Left: 112.993 ± 43.706 χ^2/NDF : 99.6/46

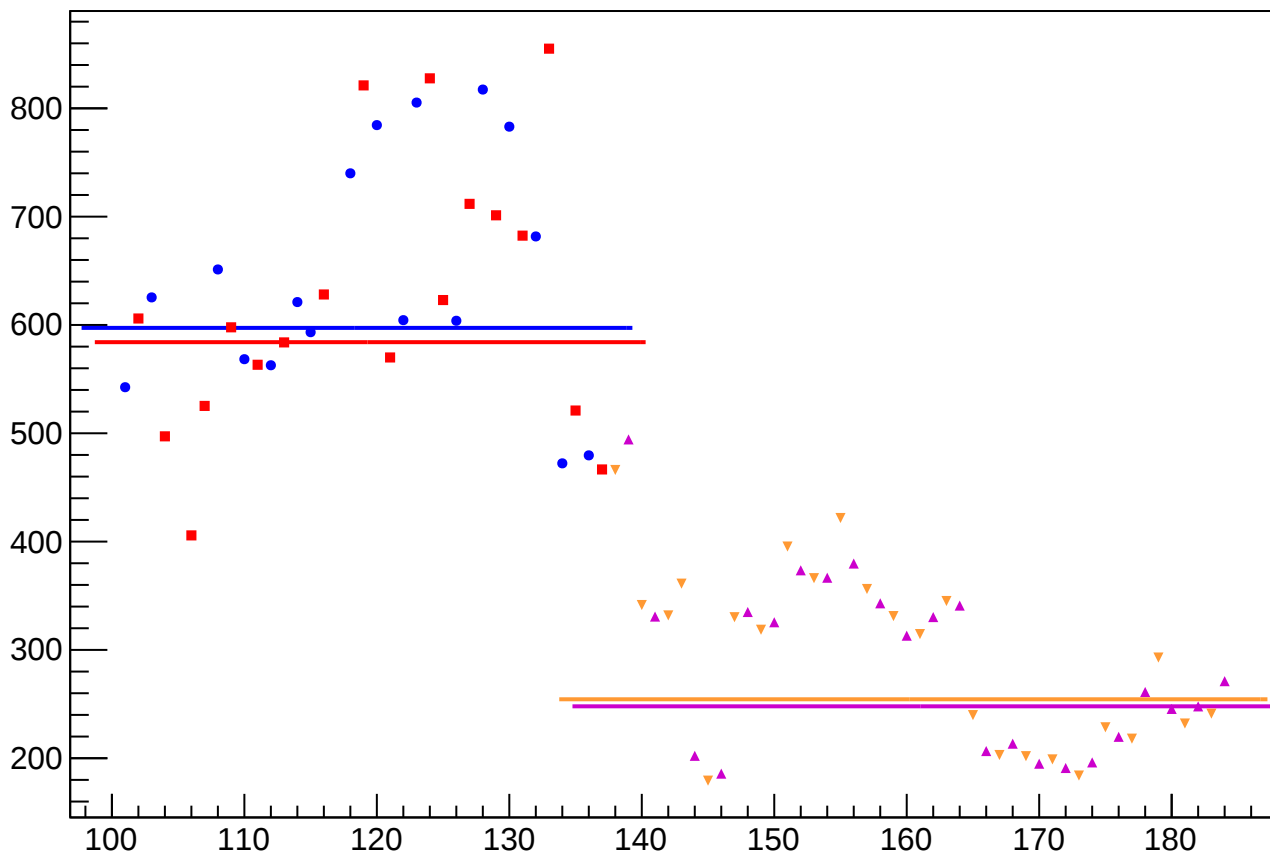
Right: -27.335 ± 162.813 χ^2/NDF : 40.2/34

In: -16.665 ± 59.502 χ^2/NDF : 54.2/39

Out: 225.368 ± 59.892 χ^2/NDF : 78.1/41

All: 103.560 ± 42.211 χ^2/NDF : 140.5/81

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 254.418 $\pm$ 0.044 χ^2 /NDF: 2629922.0/23

Right Out: 584.112 $\pm$ 0.159 χ^2 /NDF: 446882.7/17

Left In: 247.919 $\pm$ 0.043 χ^2 /NDF: 2374698.8/22

Left: 251.135 $\pm$ 0.031 χ^2 /NDF: 5015676.7/46

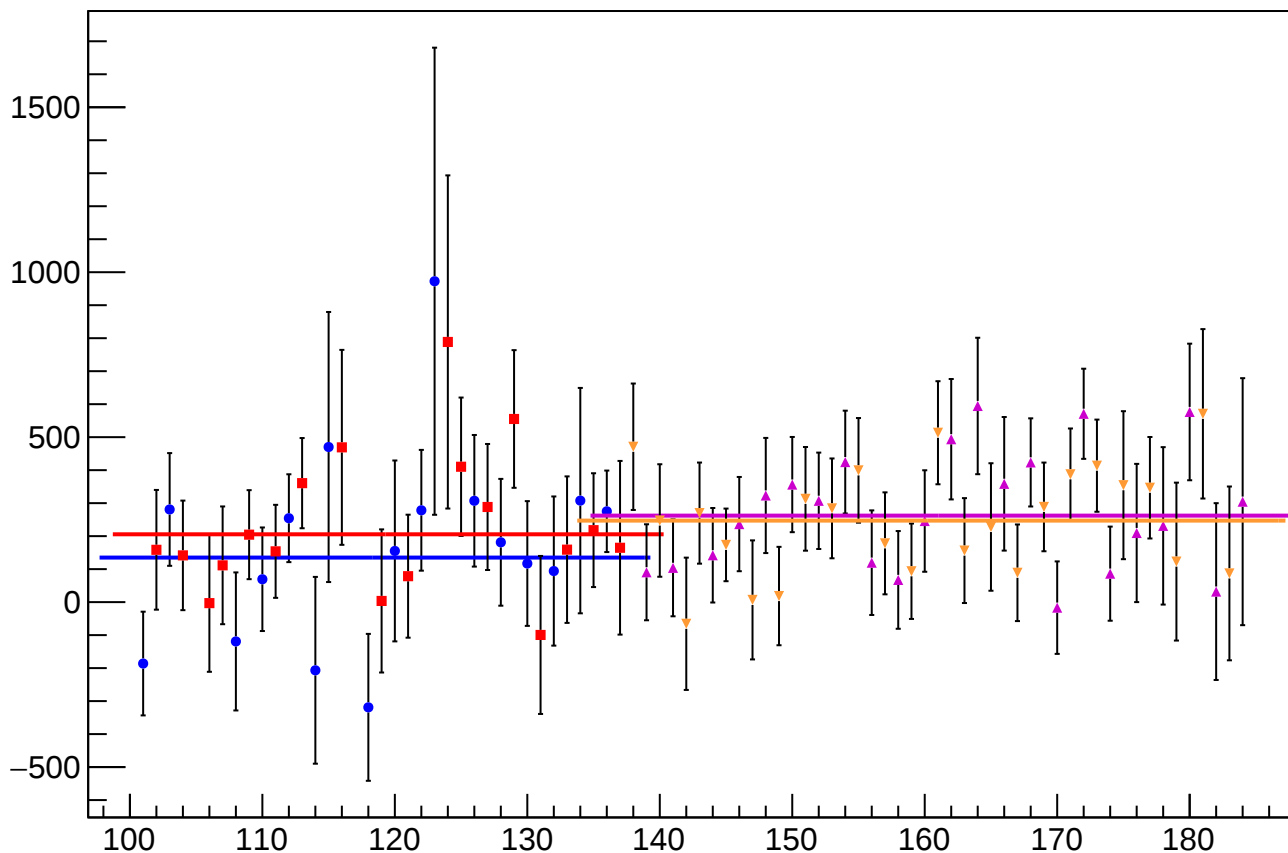
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 270.203 $\pm$ 0.042 χ^2 /NDF: 6856038.0/39

Out: 277.726 $\pm$ 0.042 χ^2 /NDF: 7058463.3/41

All: 273.940 $\pm$ 0.030 χ^2 /NDF: 13930380.7/83

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 247.080 $\pm$ 32.922 χ^2 /NDF:20.7/23

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 262.179 $\pm$ 34.097 χ^2 /NDF:27.2/22

Left: 254.365 $\pm$ 23.684 χ^2 /NDF: 48.0/46

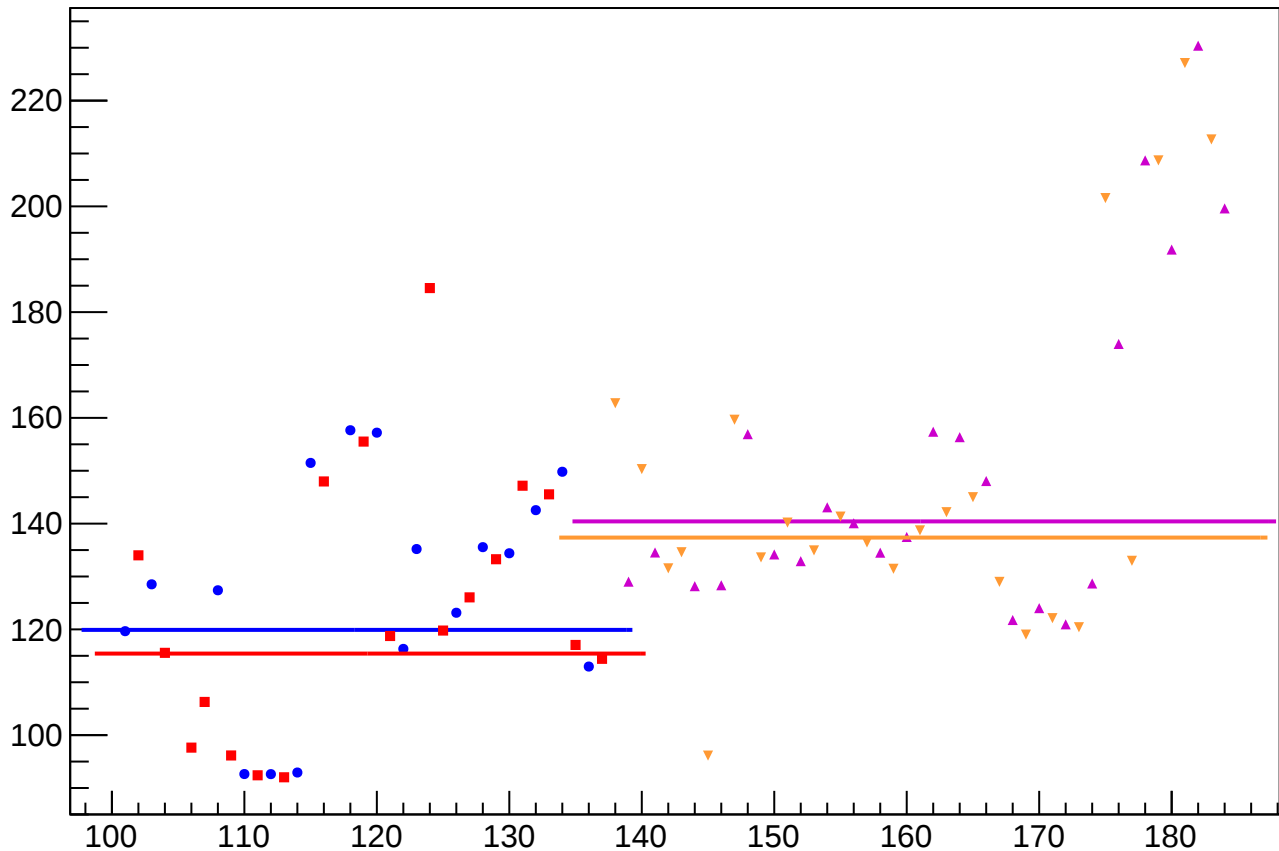
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 218.365 $\pm$ 27.604 χ^2 /NDF:50.0/39

Out: 232.419 $\pm$ 26.474 χ^2 /NDF:33.3/41

All: 225.685 $\pm$ 19.107 χ^2 /NDF: 83.4/81

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 137.361 $\pm$ 0.023 χ^2 /NDF:1220836.6/23

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 140.421 $\pm$ 0.024 χ^2 /NDF:842288.1/22

Left: 138.837 $\pm$ 0.017 χ^2 /NDF: 2071459.0/46

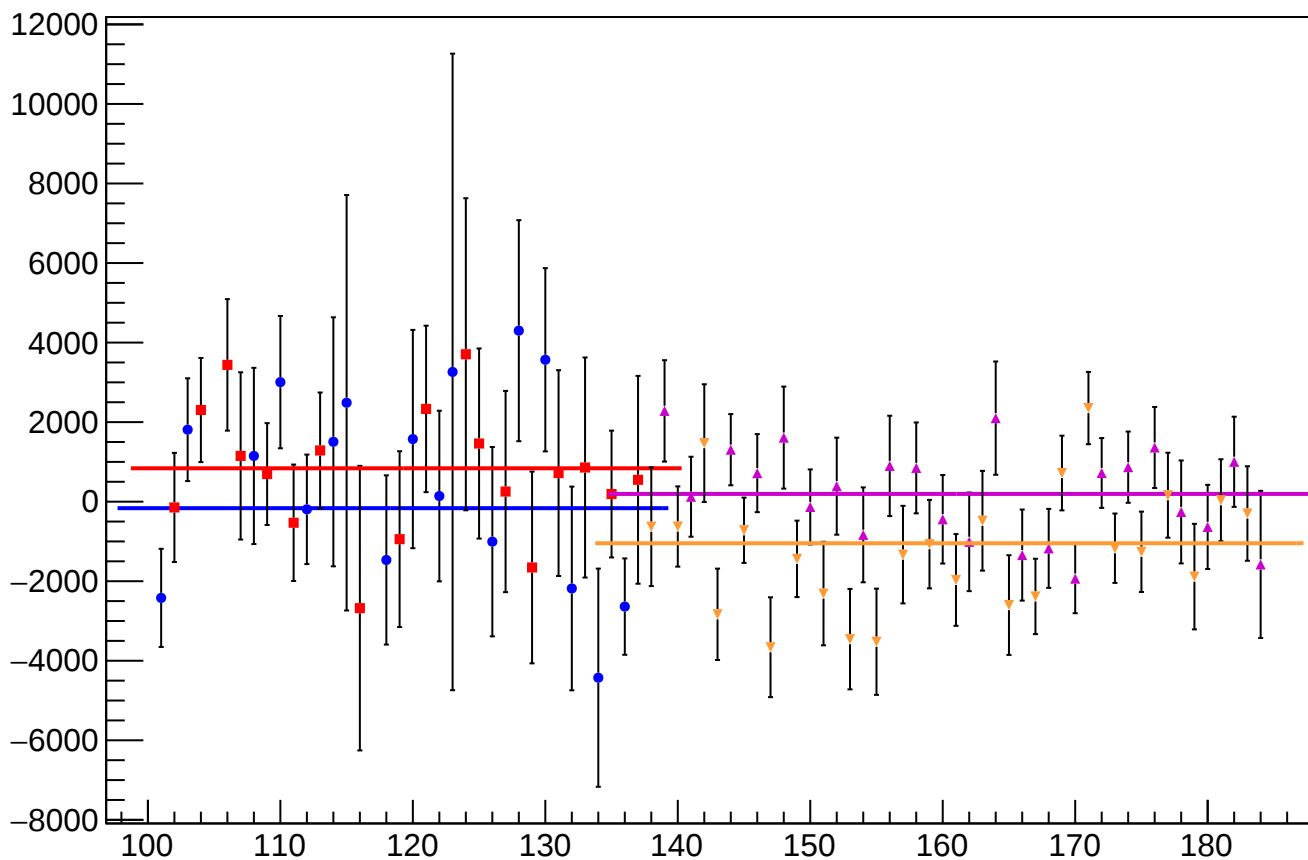
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 133.351 $\pm$ 0.020 χ^2 /NDF:1437338.0/39

Out: 129.609 $\pm$ 0.019 χ^2 /NDF:1952781.7/41

All: 131.402 $\pm$ 0.014 χ^2 /NDF: 3409263.4/81

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: -1045.490 $\pm$ 223.762 χ^2/NDF : 43.5/23

Right Out: 839.187 $\pm$ 440.476 χ^2/NDF : 9.3/17

Left In: 194.721 $\pm$ 226.403 χ^2/NDF : 24.4/22

Left: -432.659 $\pm$ 159.149 χ^2/NDF : 83.1/46

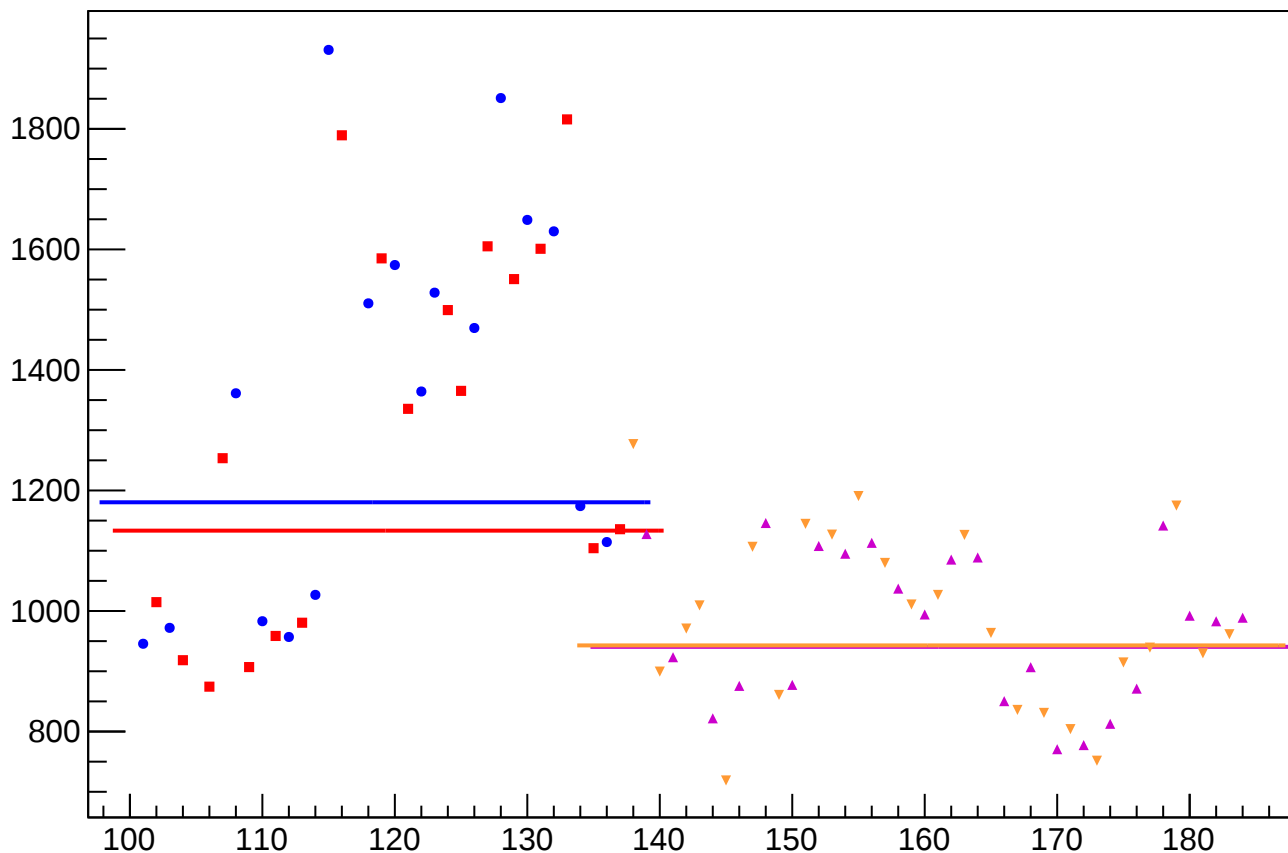
Right: 369.872 $\pm$ 321.264 χ^2/NDF : 35.4/34

In: 127.151 $\pm$ 203.938 χ^2/NDF : 48.6/39

Out: -658.890 $\pm$ 199.496 χ^2/NDF : 67.3/41

All: -274.521 $\pm$ 142.610 χ^2/NDF : 123.5/81

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 942.906 $\pm$ 0.158 χ^2 /NDF: 814975.6/23

Right Out: 1133.347 $\pm$ 0.311 χ^2 /NDF: 760395.8/17

Left In: 940.516 $\pm$ 0.160 χ^2 /NDF: 591572.1/22

Left: 941.725 $\pm$ 0.113 χ^2 /NDF: 1406660.4/46

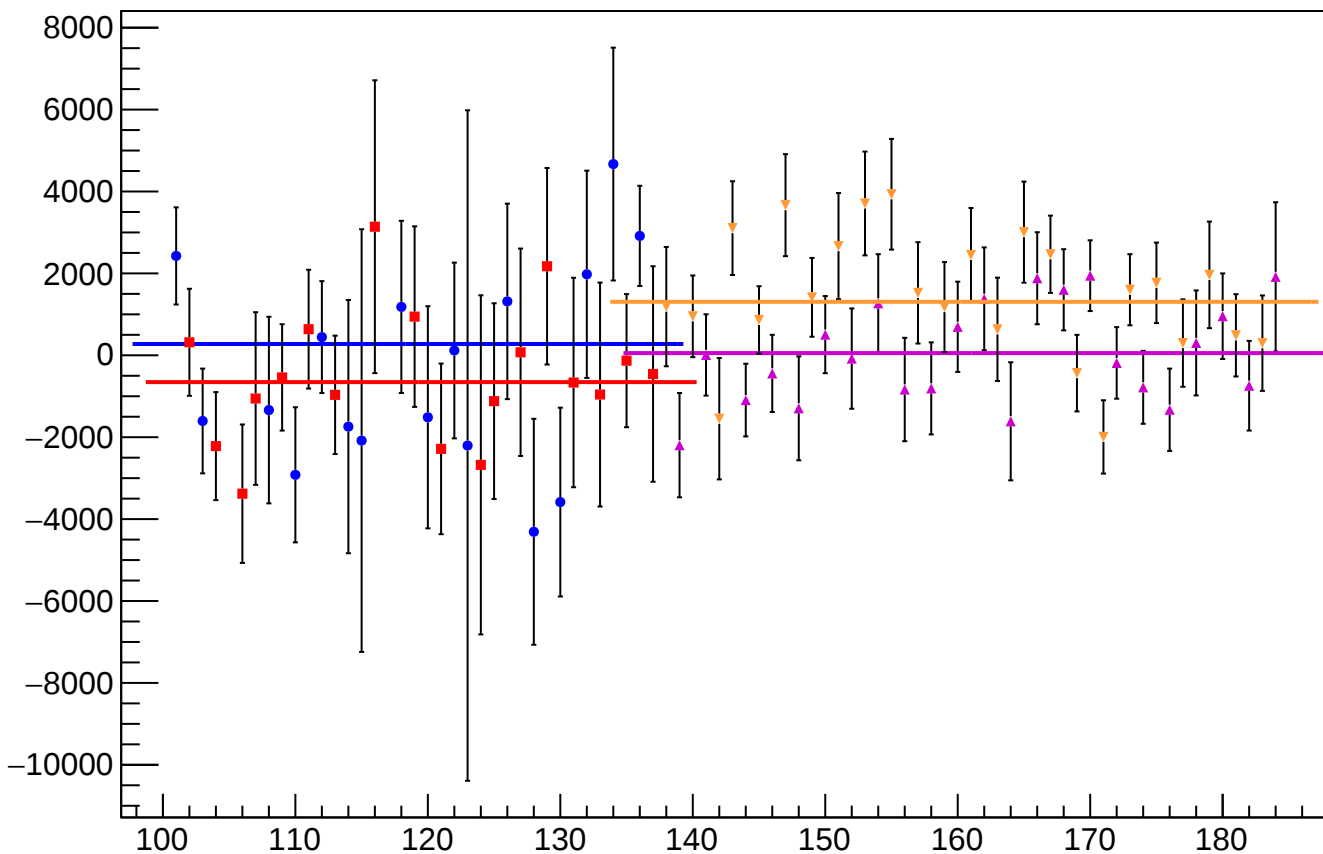
Right: 1155.371 $\pm$ 0.227 χ^2 /NDF: 1439924.5/34

In: 985.760 $\pm$ 0.144 χ^2 /NDF: 1683898.5/39

Out: 981.971 $\pm$ 0.141 χ^2 /NDF: 1872540.3/41

All: 983.824 $\pm$ 0.101 χ^2 /NDF: 3556791.7/81

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1306.369+/-222.217 χ^2/NDF : 43.4/23

Right Out: -654.406+/-439.824 χ^2/NDF : 9.6/17

Left In: 53.940+/-224.371 χ^2/NDF : 26.4/22

Left: 686.194+/-157.887 χ^2/NDF : 85.5/46

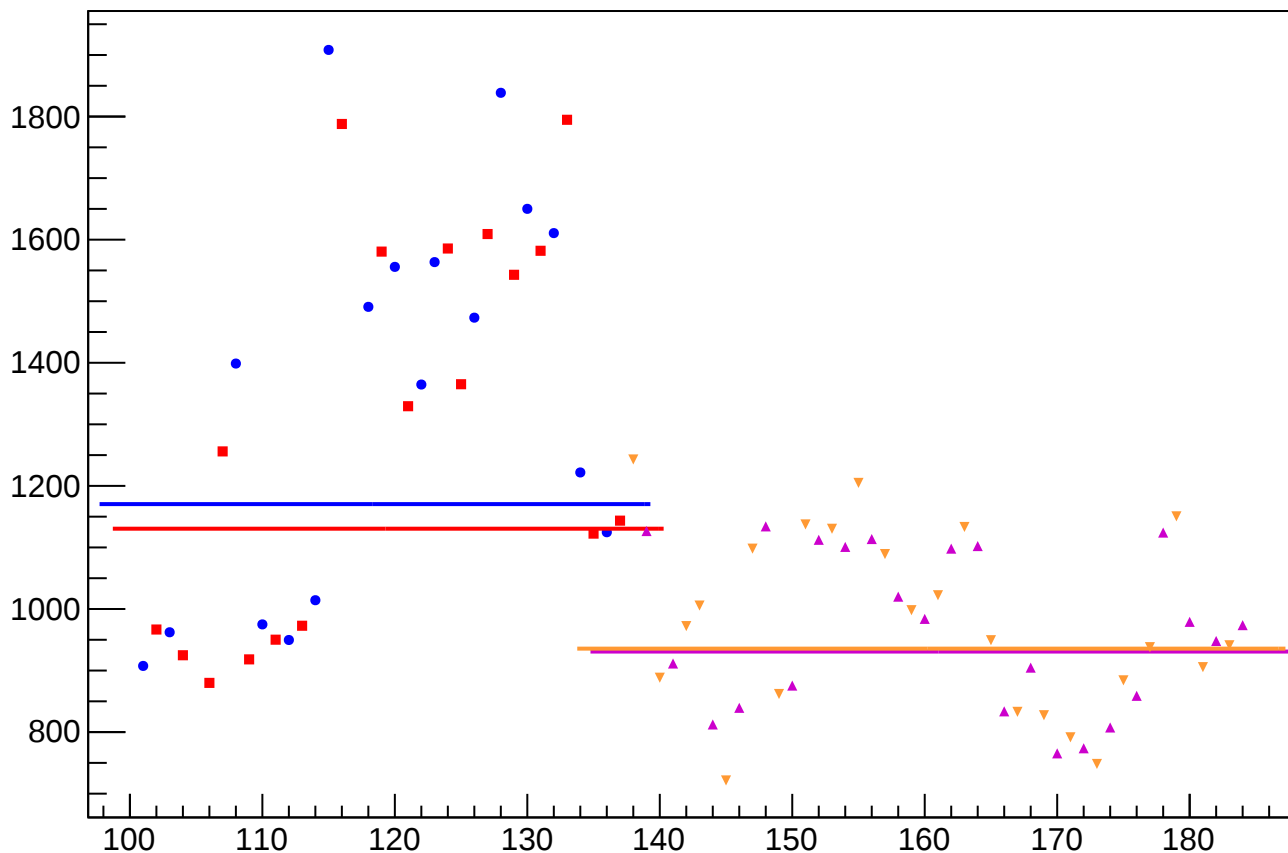
Right: -216.291+/-319.993 χ^2/NDF : 36.0/34

In: 95.748+/-202.193 χ^2/NDF : 50.9/39

Out: 907.630+/-198.339 χ^2/NDF : 68.8/41

All: 509.500+/-141.590 χ^2/NDF : 127.9/81

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.599 $\pm$ 0.157 χ^2 /NDF: 813282.1/23

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 930.854 $\pm$ 0.159 χ^2 /NDF: 621985.5/22

Left: 933.249 $\pm$ 0.112 χ^2 /NDF: 1435719.0/46

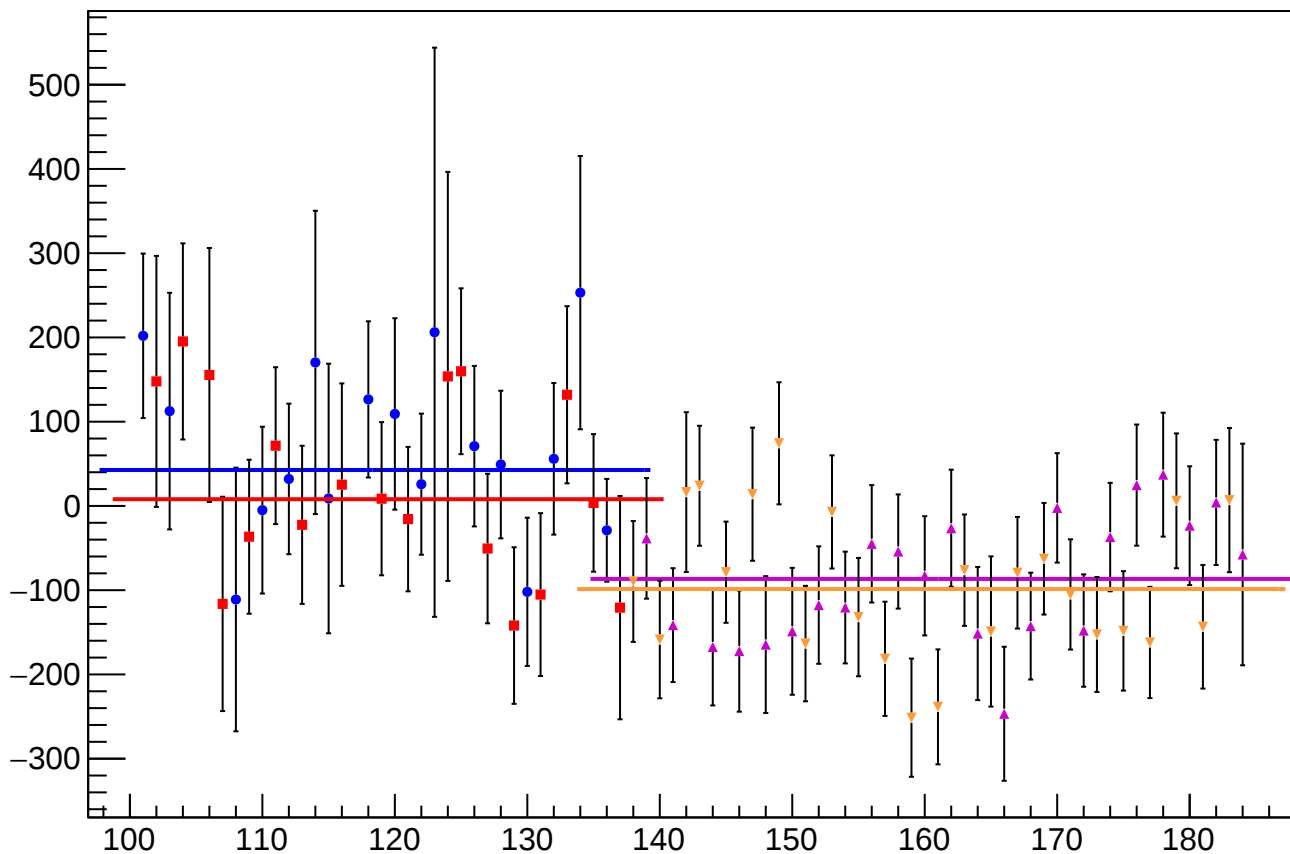
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 975.870 $\pm$ 0.143 χ^2 /NDF: 1755883.0/39

Out: 975.224 $\pm$ 0.140 χ^2 /NDF: 1889041.0/41

All: 975.541 $\pm$ 0.100 χ^2 /NDF: 3644934.3/81

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: -98.659 ± 14.471 $\chi^2/\text{NDF}: 32.9/23$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -86.657 ± 14.916 $\chi^2/\text{NDF}: 23.5/22$

Left: -92.839 ± 10.386 $\chi^2/\text{NDF}: 56.7/46$

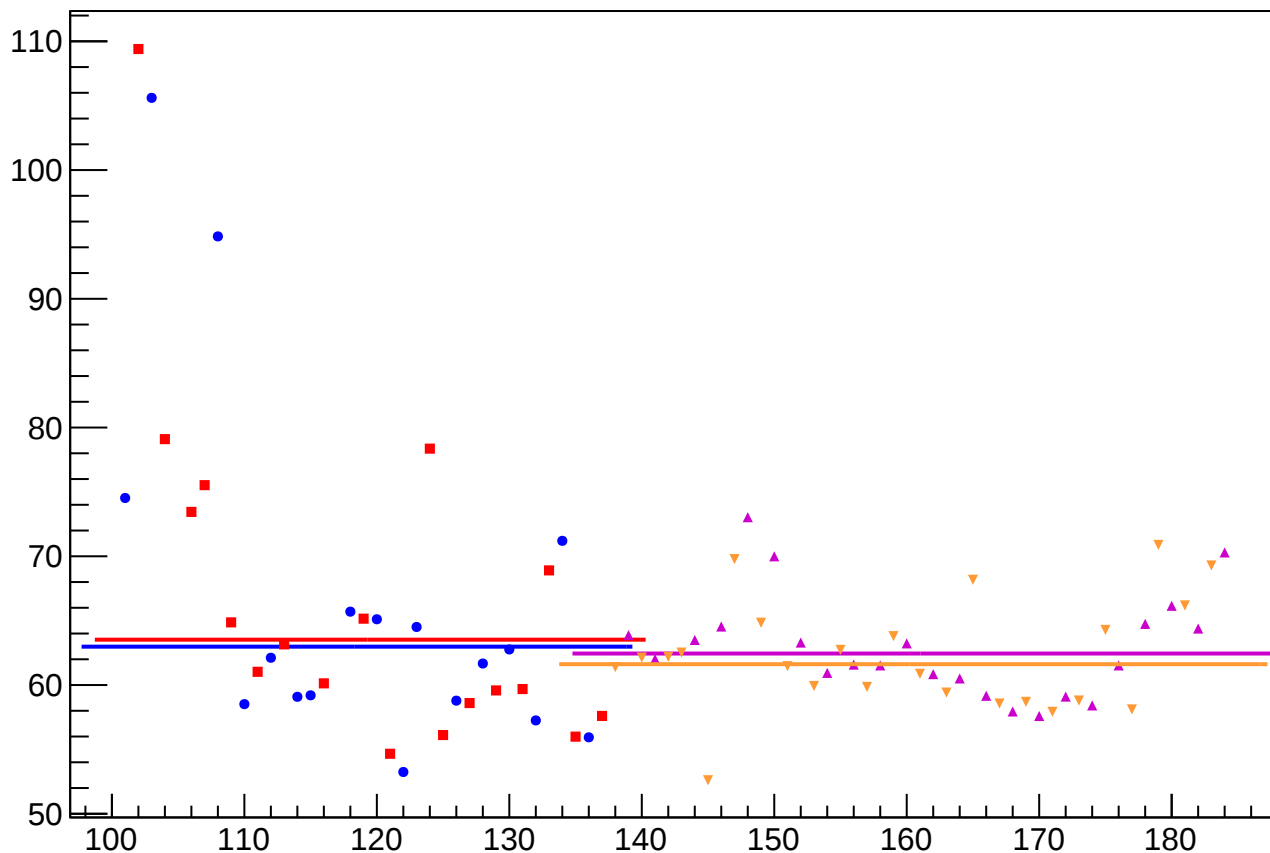
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -52.100 ± 12.768 $\chi^2/\text{NDF}: 55.6/39$

Out: -71.060 ± 12.459 $\chi^2/\text{NDF}: 62.7/41$

All: -61.812 ± 8.917 $\chi^2/\text{NDF}: 119.4/81$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980+/-0.017 χ^2/NDF : 375263.3/16

Left Out: 61.618+/-0.010 χ^2/NDF : 166328.8/23

Right Out: 63.522+/-0.017 χ^2/NDF : 335430.9/17

Left In: 62.447+/-0.011 χ^2/NDF : 115477.5/22

Left: 62.020+/-0.007 χ^2/NDF : 284993.6/46

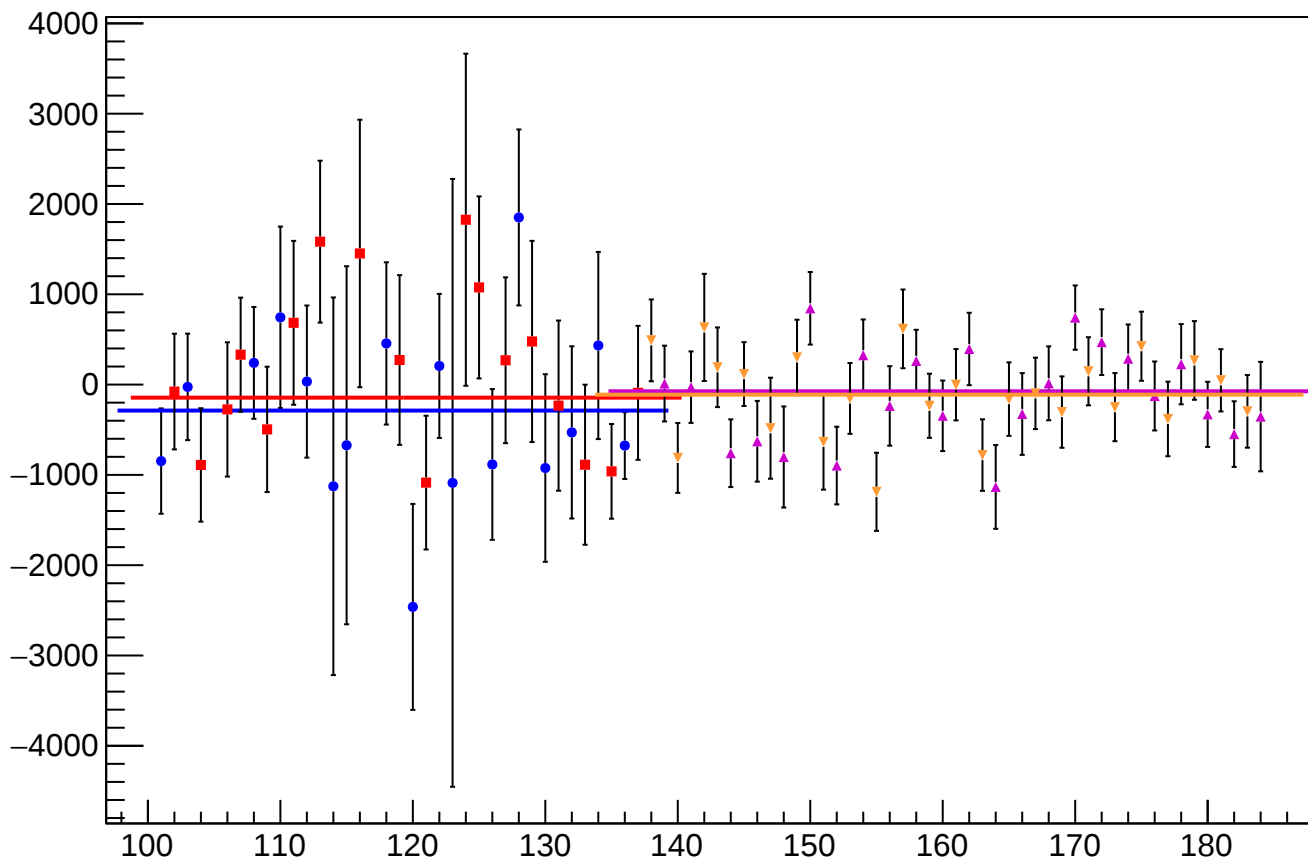
Right: 63.253+/-0.012 χ^2/NDF : 711180.0/34

In: 62.590+/-0.009 χ^2/NDF : 491422.8/39

Out: 62.111+/-0.009 χ^2/NDF : 510723.9/41

All: 62.344+/-0.006 χ^2/NDF : 1003589.6/81

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -111.441 $\pm$ 83.531 χ^2 /NDF:26.4/23

Right Out: -144.624 $\pm$ 187.777 χ^2 /NDF: 16.1/17

Left In: -74.139 $\pm$ 84.673 χ^2 /NDF:36.3/22

Left: -93.043 $\pm$ 59.465 χ^2 /NDF: 62.8/46

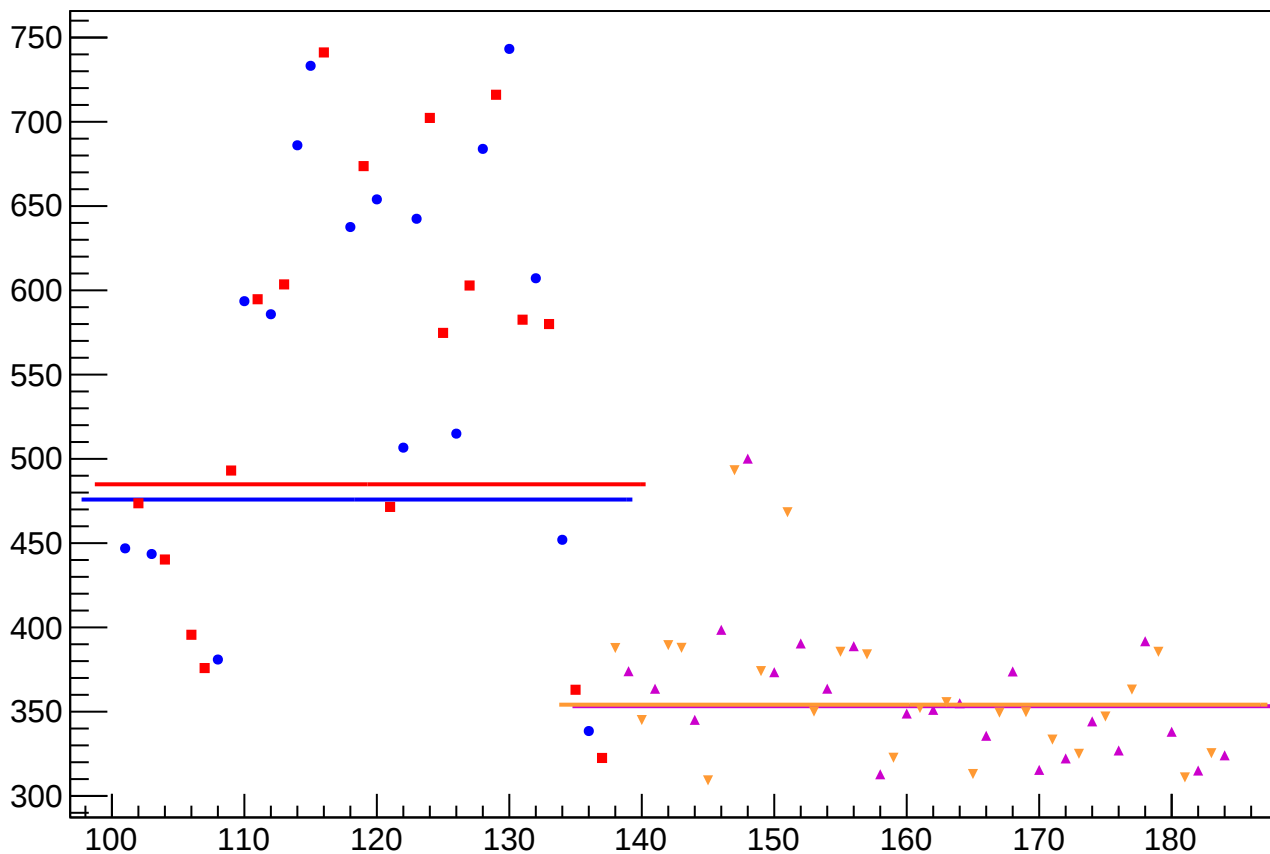
Right: -215.353 $\pm$ 133.518 χ^2 /NDF: 31.7/34

In: -109.557 $\pm$ 77.333 χ^2 /NDF:52.7/39

Out: -116.923 $\pm$ 76.321 χ^2 /NDF:42.5/41

All: -113.288 $\pm$ 54.321 χ^2 /NDF: 95.2/81

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 354.156 $\pm$ 0.059 χ^2 /NDF: 413212.5/23

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 353.246 $\pm$ 0.060 χ^2 /NDF: 328781.6/22

Left: 353.707 $\pm$ 0.042 χ^2 /NDF: 742111.1/46

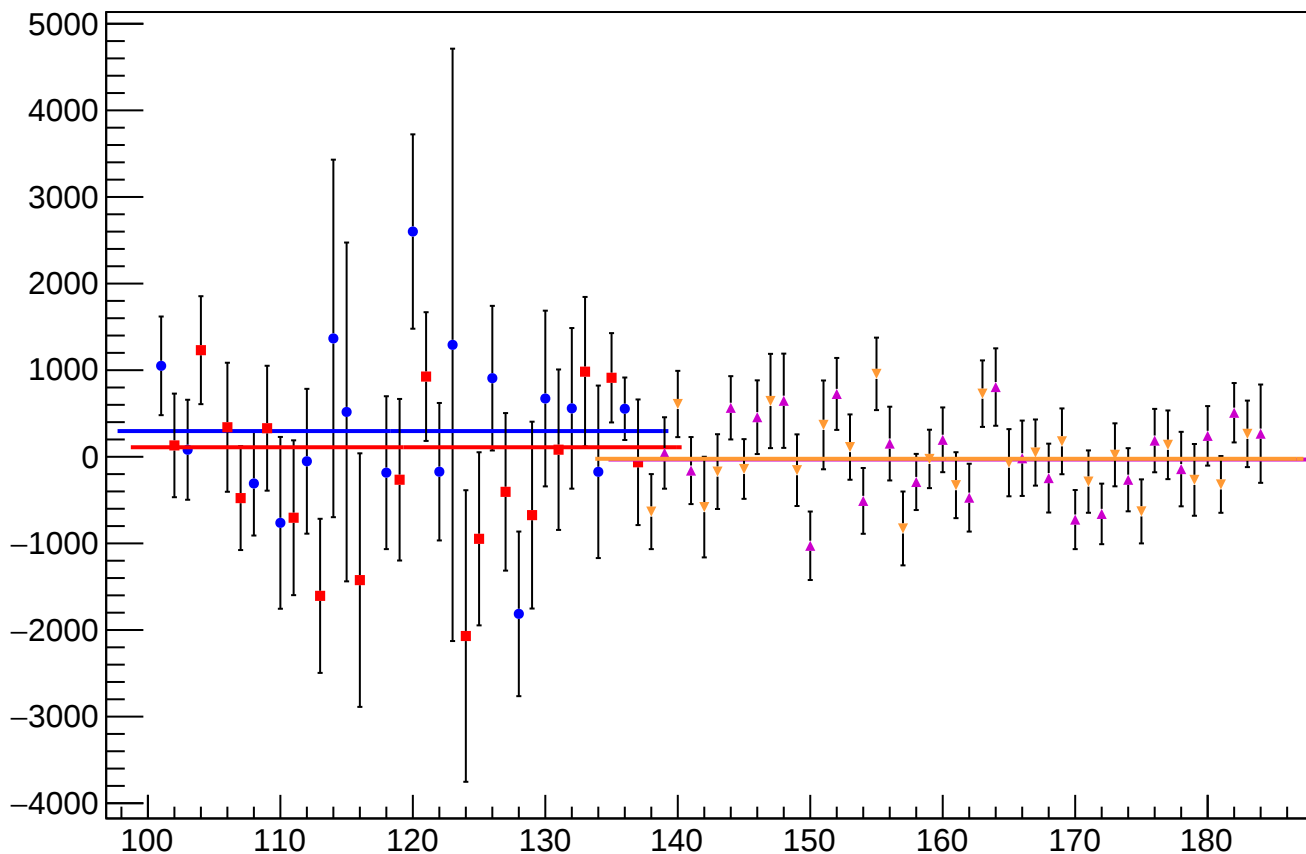
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 373.585 $\pm$ 0.055 χ^2 /NDF: 1862301.4/39

Out: 375.757 $\pm$ 0.054 χ^2 /NDF: 1939116.9/41

All: 374.685 $\pm$ 0.038 χ^2 /NDF: 3802217.7/81

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: -23.144 $\pm$ 80.591 χ^2 /NDF:27.2/23

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: -31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

Left: -27.292 $\pm$ 57.297 χ^2 /NDF: 62.0/46

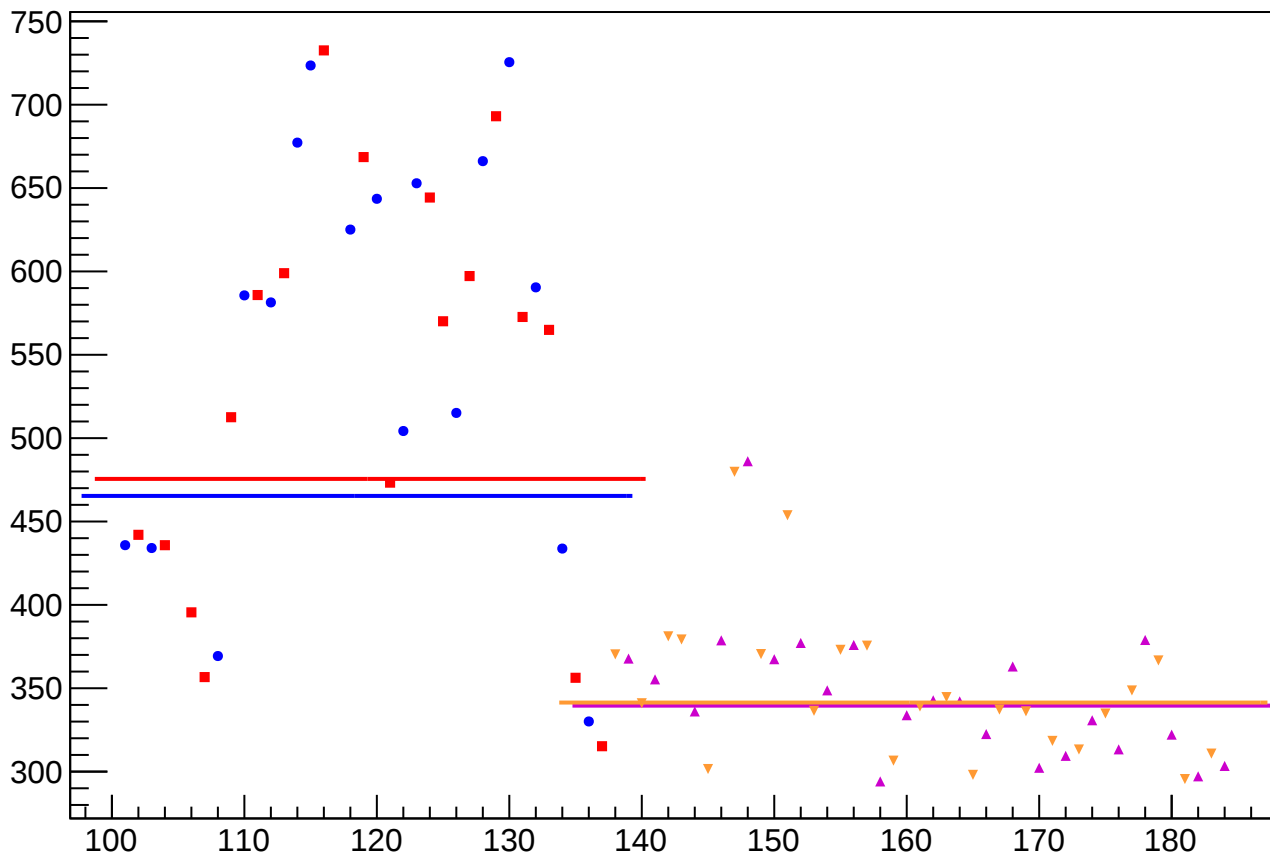
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 21.368 $\pm$ 74.628 χ^2 /NDF:53.3/39

Out: -1.769 $\pm$ 73.846 χ^2 /NDF:46.2/41

All: 9.678 $\pm$ 52.492 χ^2 /NDF: 99.5/81

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 341.420 $\pm$ 0.057 χ^2 /NDF: 448202.7/23

Right Out: 475.559 $\pm$ 0.130 χ^2 /NDF: 740849.9/17

Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

Left: 340.505 $\pm$ 0.041 χ^2 /NDF: 826539.2/46

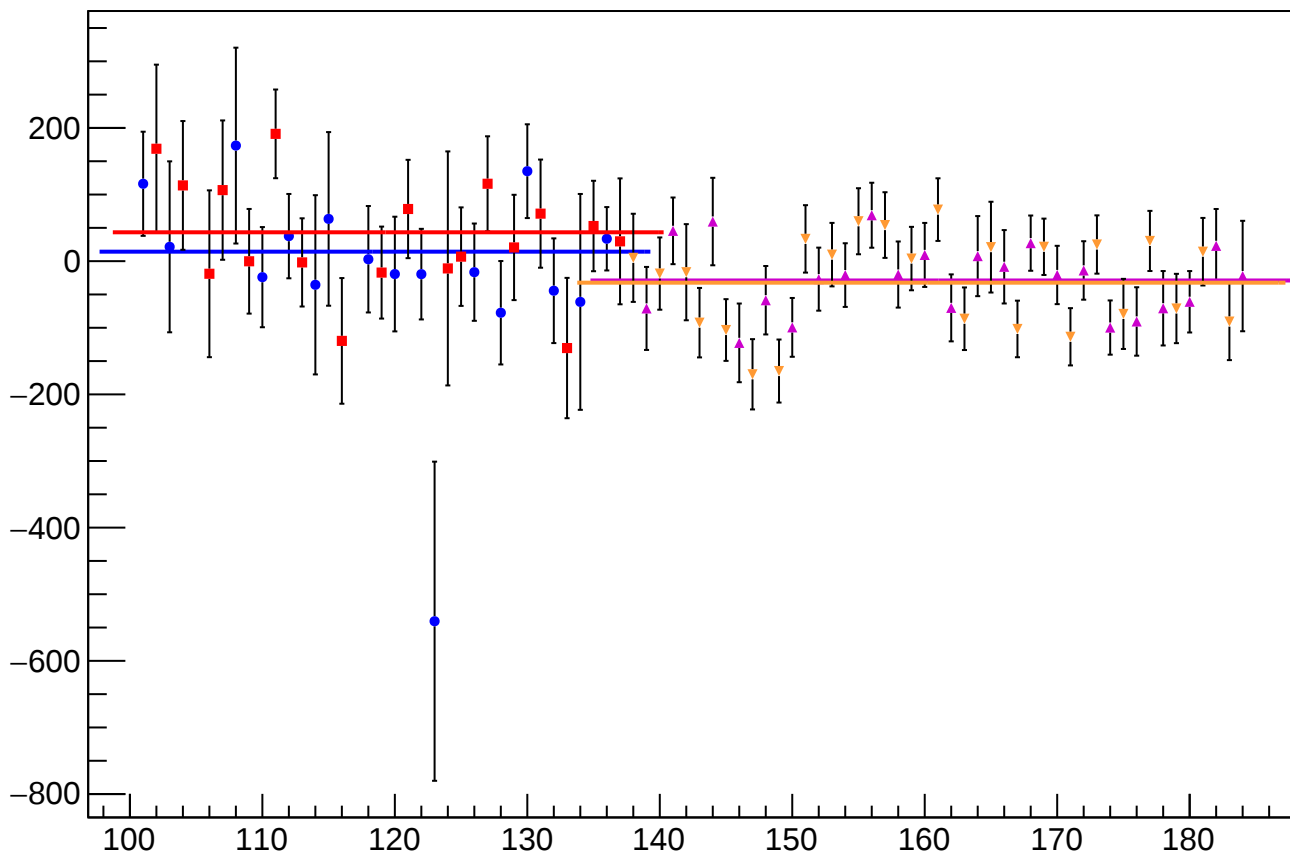
Right: 470.501 $\pm$ 0.093 χ^2 /NDF: 1604306.1/34

In: 359.825 $\pm$ 0.053 χ^2 /NDF: 2005817.1/39

Out: 362.932 $\pm$ 0.052 χ^2 /NDF: 2077650.7/41

All: 361.395 $\pm$ 0.037 χ^2 /NDF: 4085219.0/81

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 χ^2/NDF : 14.8/16

Left Out: -32.306 ± 10.155 χ^2/NDF : 50.5/23

Right Out: 43.336 ± 19.650 χ^2/NDF : 16.2/17

Left In: -28.995 ± 10.494 χ^2/NDF : 24.1/22

Left: -30.705 ± 7.297 χ^2/NDF : 74.6/46

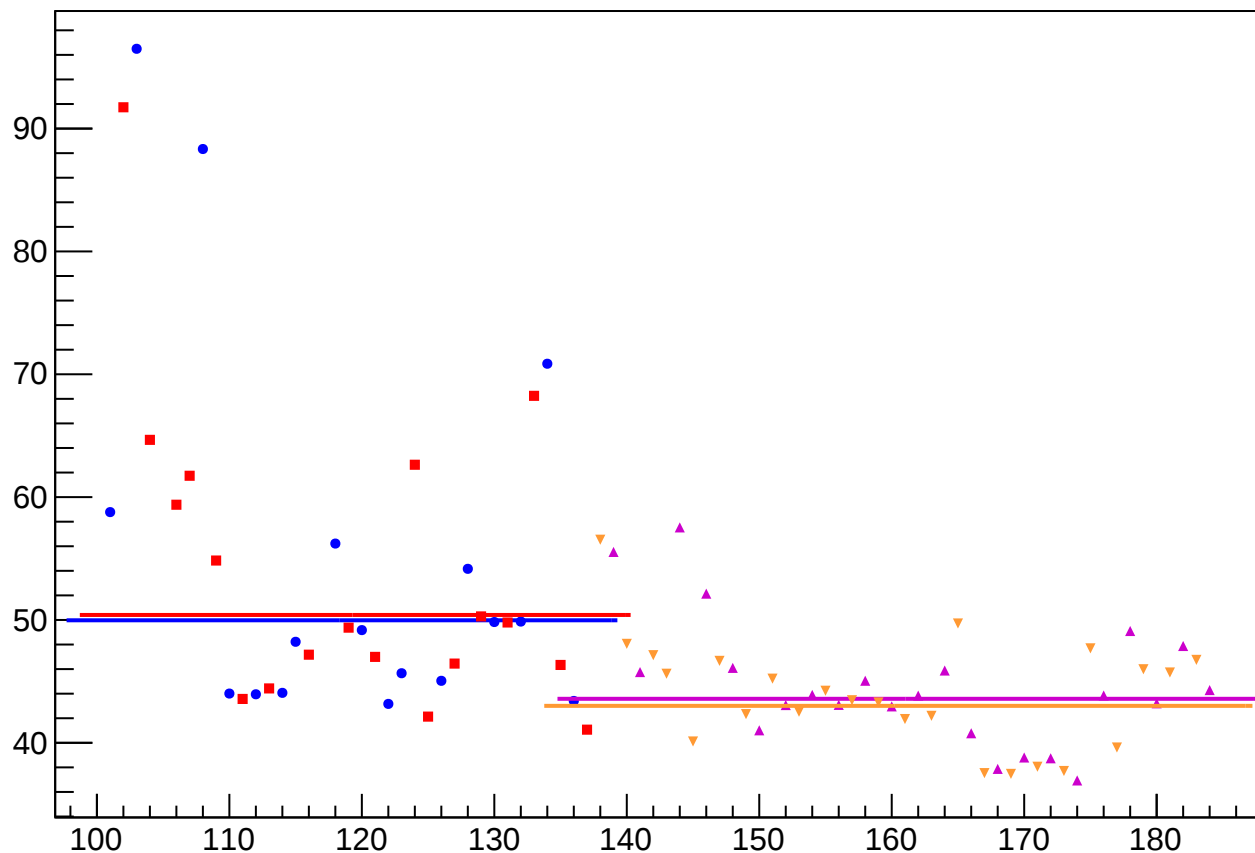
Right: 28.954 ± 13.971 χ^2/NDF : 32.0/34

In: -19.561 ± 9.279 χ^2/NDF : 42.6/39

Out: -16.362 ± 9.021 χ^2/NDF : 78.3/41

All: -17.917 ± 6.468 χ^2/NDF : 121.0/81

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: 43.008 $\pm$ 0.007 χ^2/NDF : 328111.6/23

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 43.582 $\pm$ 0.007 χ^2/NDF : 403339.6/22

Left: 43.286 $\pm$ 0.005 χ^2/NDF : 734537.6/46

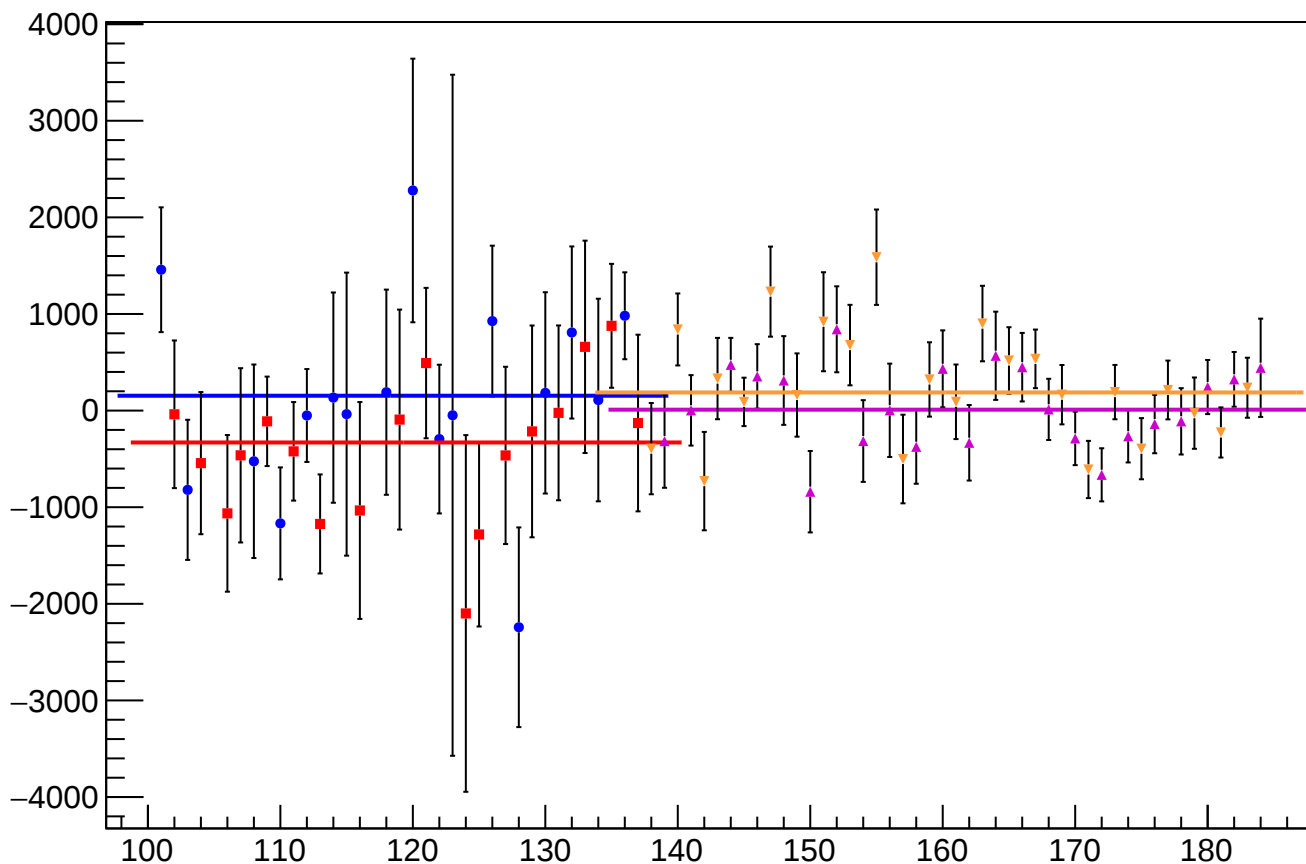
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 44.976 $\pm$ 0.007 χ^2/NDF : 1143914.3/39

Out: 44.568 $\pm$ 0.006 χ^2/NDF : 1019420.6/41

All: 44.766 $\pm$ 0.005 χ^2/NDF : 2165323.8/81

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 187.828 $\pm$ 72.019 χ^2 /NDF:46.1/23

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 9.477 $\pm$ 72.601 χ^2 /NDF:30.0/22

Left: 99.371 $\pm$ 51.130 χ^2 /NDF: 79.2/46

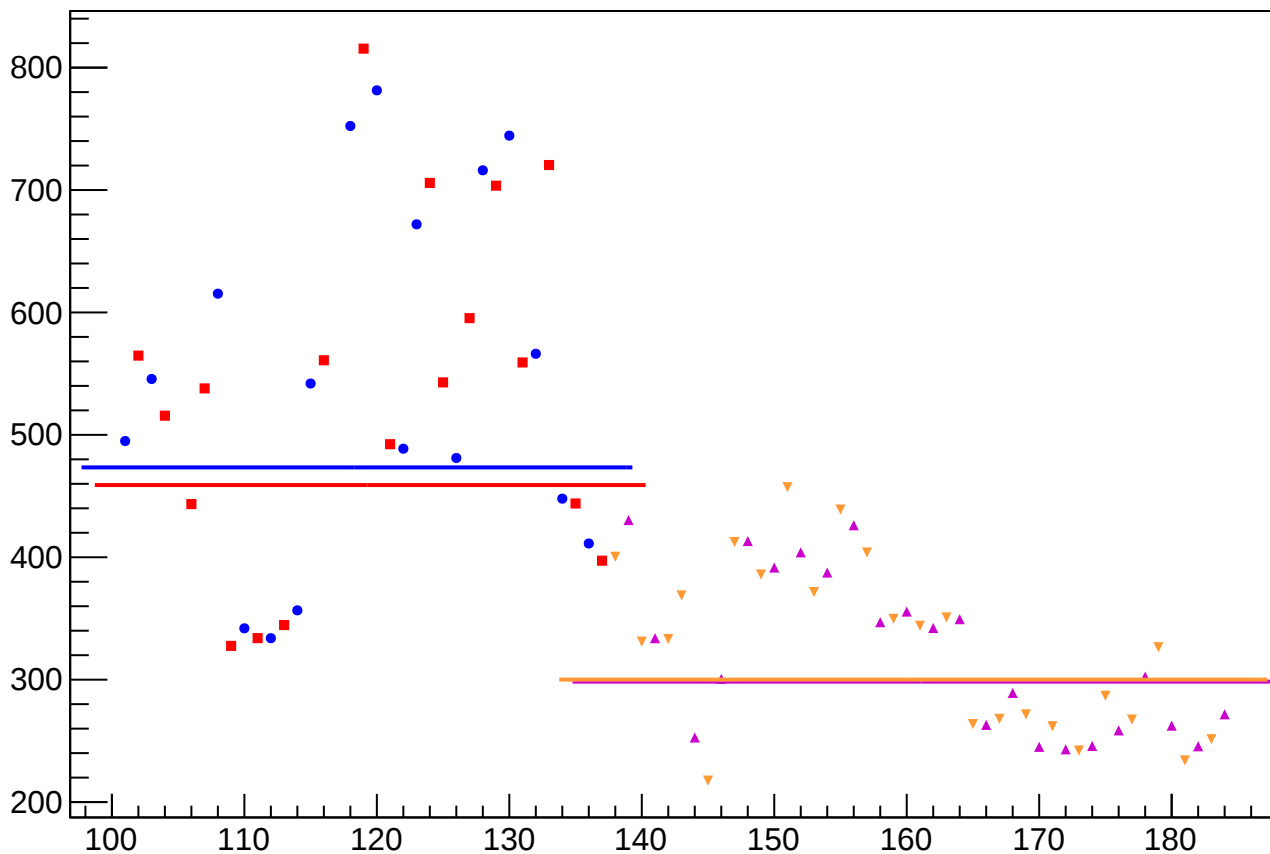
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 27.876 $\pm$ 67.817 χ^2 /NDF:55.3/39

Out: 116.236 $\pm$ 66.855 χ^2 /NDF:65.3/41

All: 72.688 $\pm$ 47.610 χ^2 /NDF: 121.5/81

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 300.044+/-0.051 χ^2/NDF :1574487.4/23

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 298.418+/-0.051 χ^2/NDF :1304411.3/22

Left: 299.237+/-0.036 χ^2/NDF : 2879403.9/46

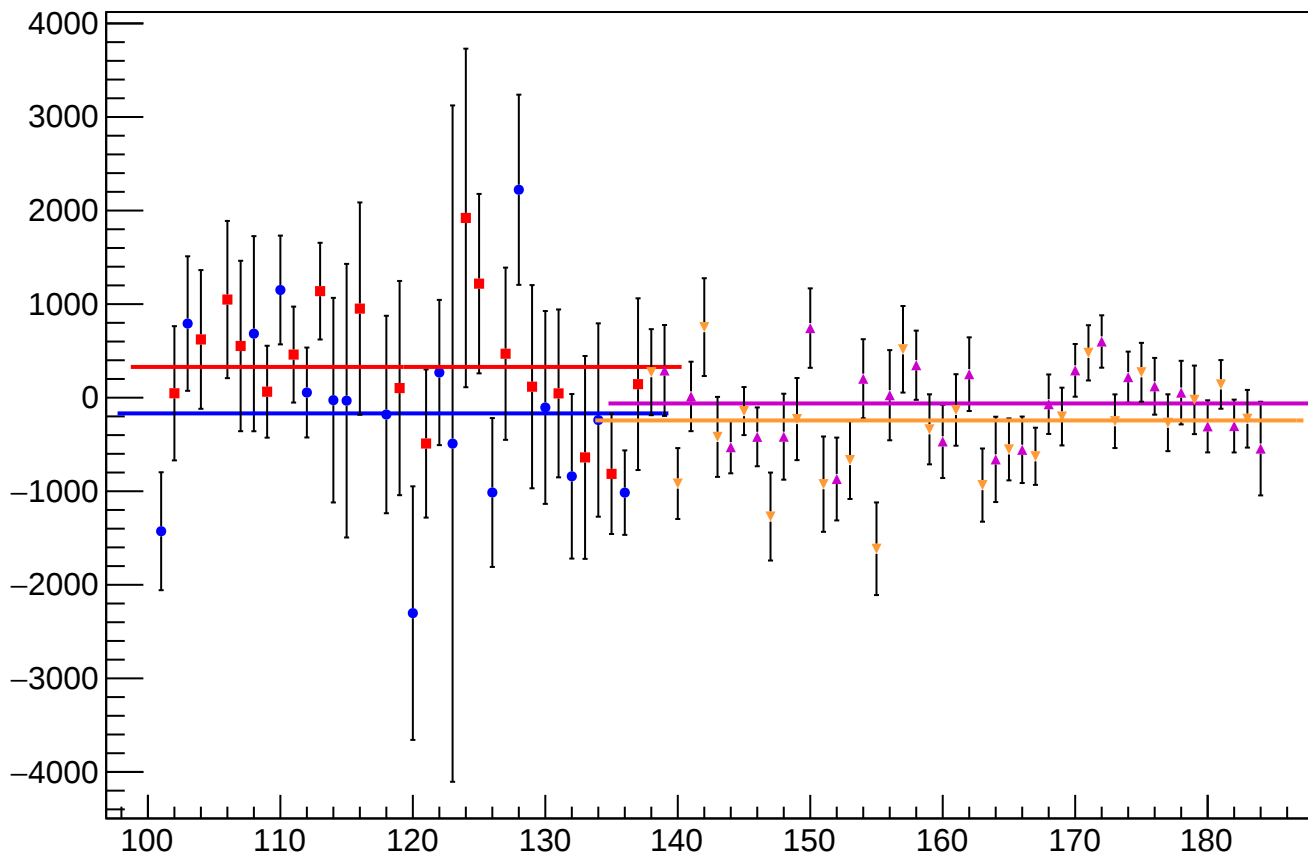
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 320.720+/-0.048 χ^2/NDF :3700150.1/39

Out: 322.020+/-0.047 χ^2/NDF :3927667.4/41

All: 321.380+/-0.034 χ^2/NDF : 7628190.0/81

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -243.279 ± 72.118 $\chi^2/\text{NDF}: 43.3/23$

Right Out: 328.598 ± 181.559 $\chi^2/\text{NDF}: 11.1/17$

Left In: -61.707 ± 72.478 $\chi^2/\text{NDF}: 30.3/22$

Left: -152.945 ± 51.122 $\chi^2/\text{NDF}: 76.8/46$

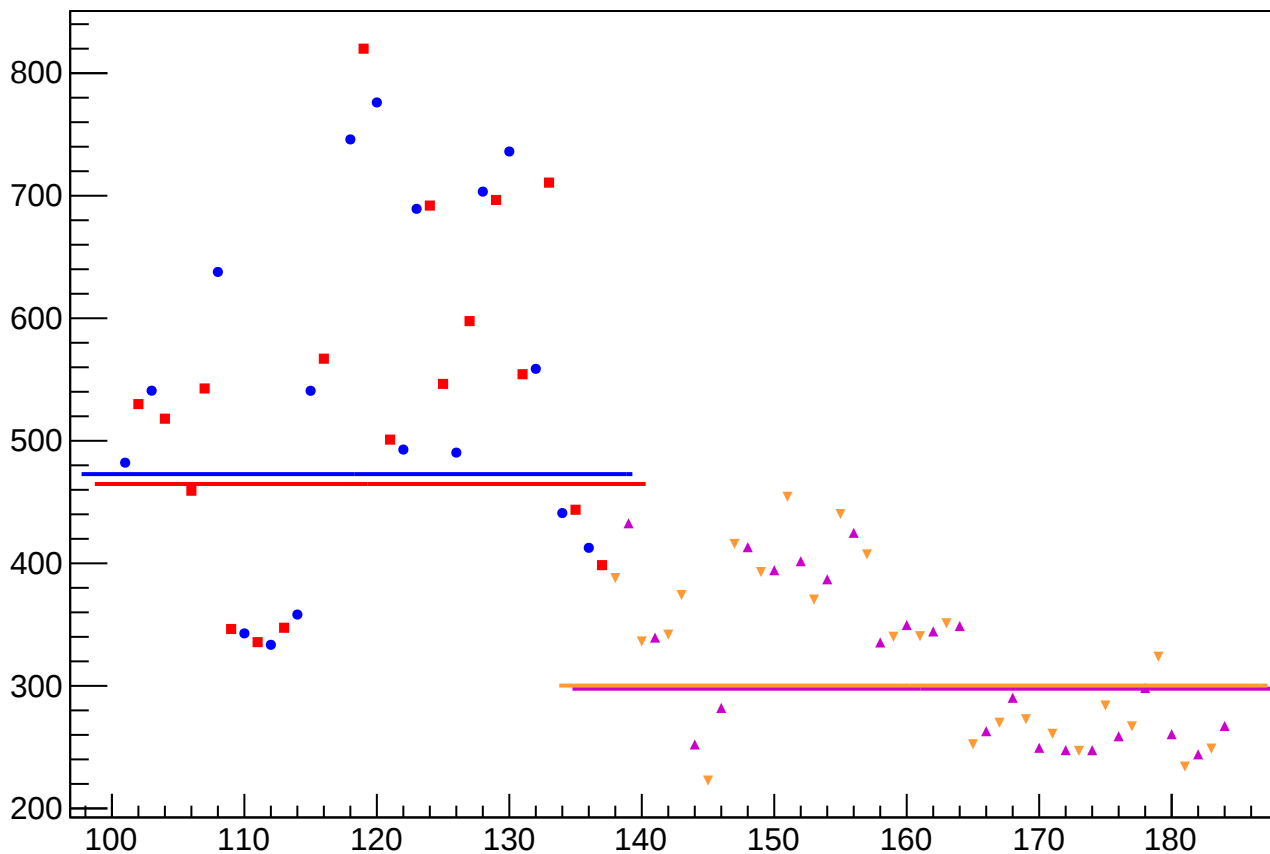
Right: 91.236 ± 131.185 $\chi^2/\text{NDF}: 40.1/34$

In: -75.245 ± 67.707 $\chi^2/\text{NDF}: 56.0/39$

Out: -165.346 ± 67.024 $\chi^2/\text{NDF}: 63.0/41$

All: -120.752 ± 47.633 $\chi^2/\text{NDF}: 119.9/81$

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: 300.233 $\pm$ 0.051 χ^2 /NDF:1545726.9/23

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

Left: 298.971 $\pm$ 0.036 χ^2 /NDF: 2821565.9/46

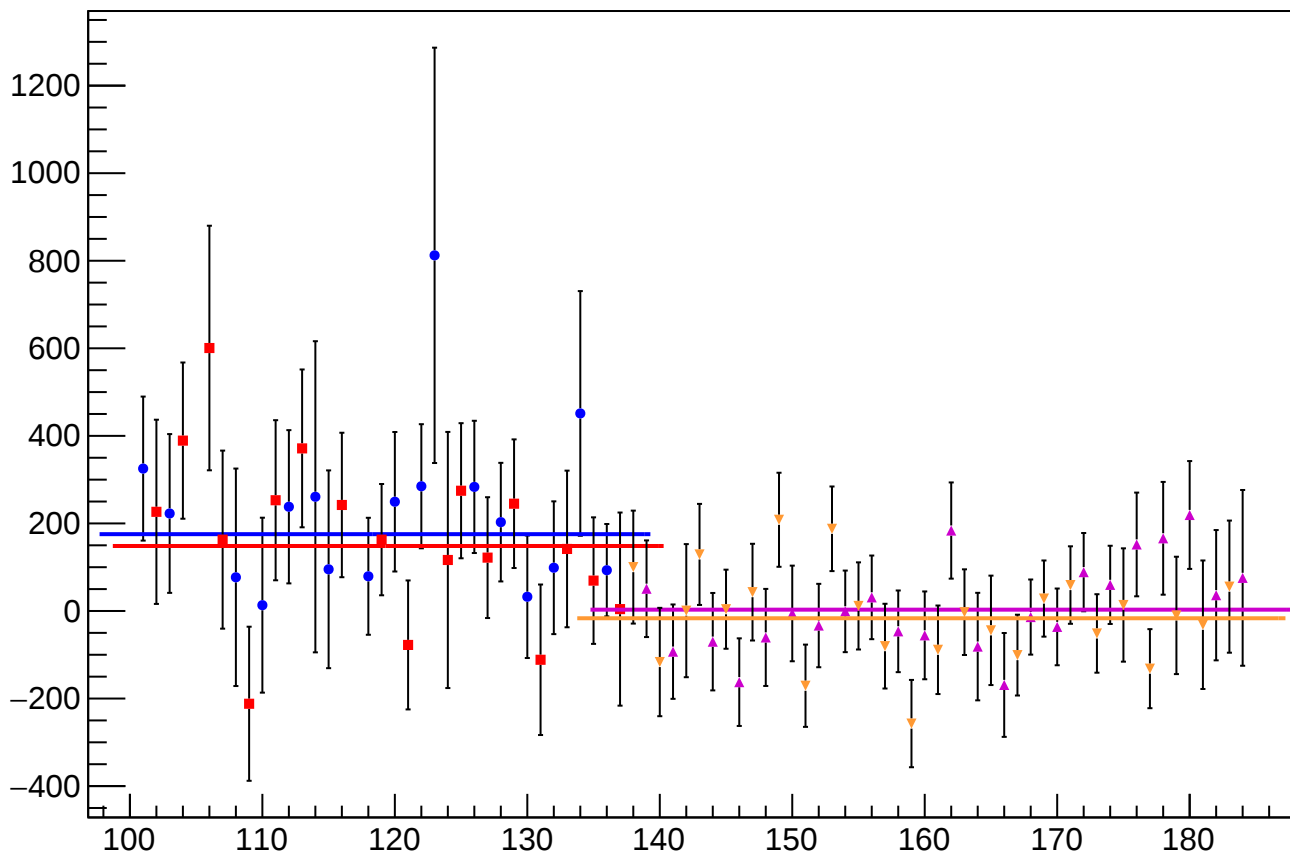
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 319.991 $\pm$ 0.048 χ^2 /NDF:3657523.8/39

Out: 322.654 $\pm$ 0.047 χ^2 /NDF:3879058.7/41

All: 321.336 $\pm$ 0.034 χ^2 /NDF: 7538145.1/81

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -16.626 $\pm$ 21.517 χ^2 /NDF:25.8/23

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: 3.016 $\pm$ 21.993 χ^2 /NDF:18.6/22

Left: -7.020 $\pm$ 15.380 χ^2 /NDF: 44.8/46

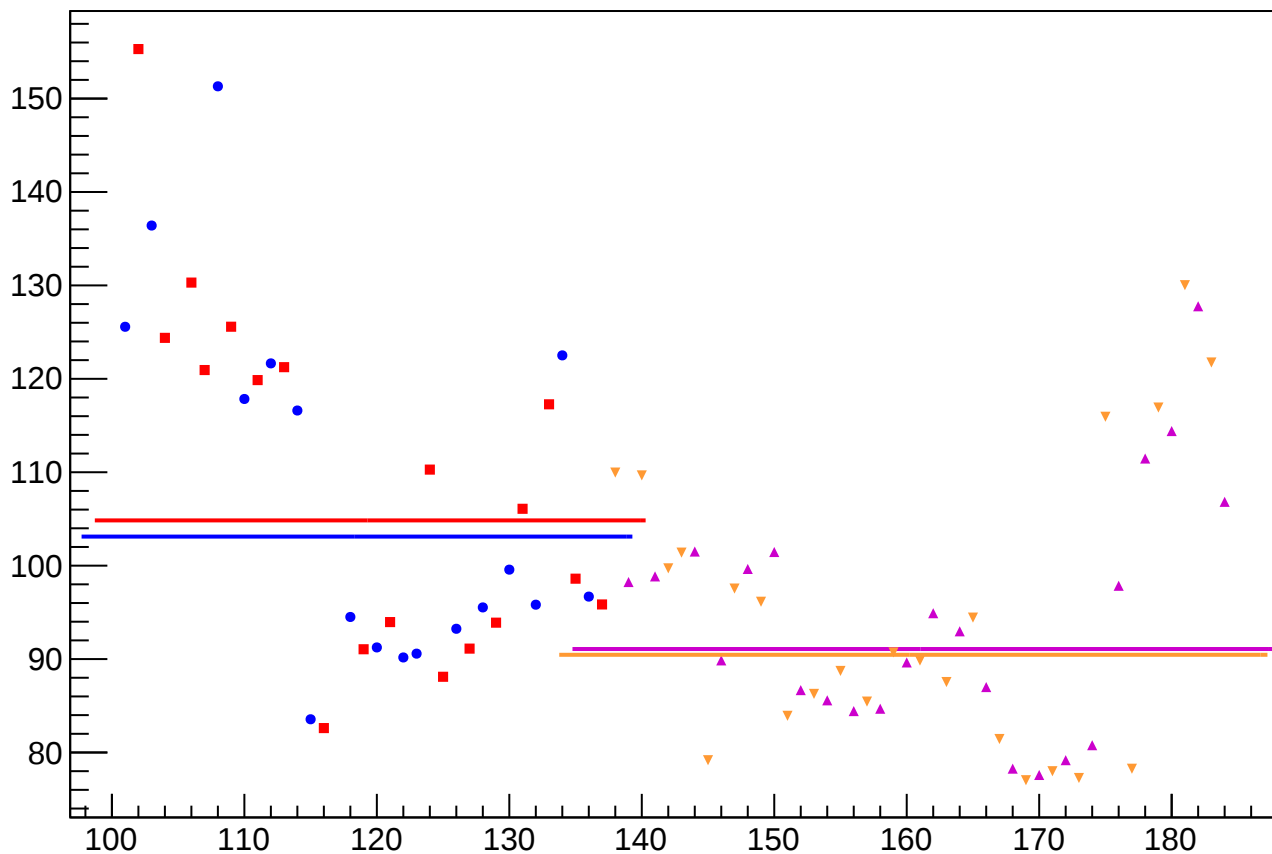
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 42.502 $\pm$ 19.312 χ^2 /NDF:41.3/39

Out: 19.947 $\pm$ 18.984 χ^2 /NDF:56.3/41

All: 31.032 $\pm$ 13.538 χ^2 /NDF: 98.3/81

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 ± 0.029 $\chi^2/\text{NDF}: 306438.5/16$

Left Out: 90.458 ± 0.015 $\chi^2/\text{NDF}: 760582.7/23$

Right Out: 104.844 ± 0.029 $\chi^2/\text{NDF}: 368677.3/17$

Left In: 91.077 ± 0.016 $\chi^2/\text{NDF}: 518918.8/22$

Left: 90.761 ± 0.011 $\chi^2/\text{NDF}: 1280311.9/46$

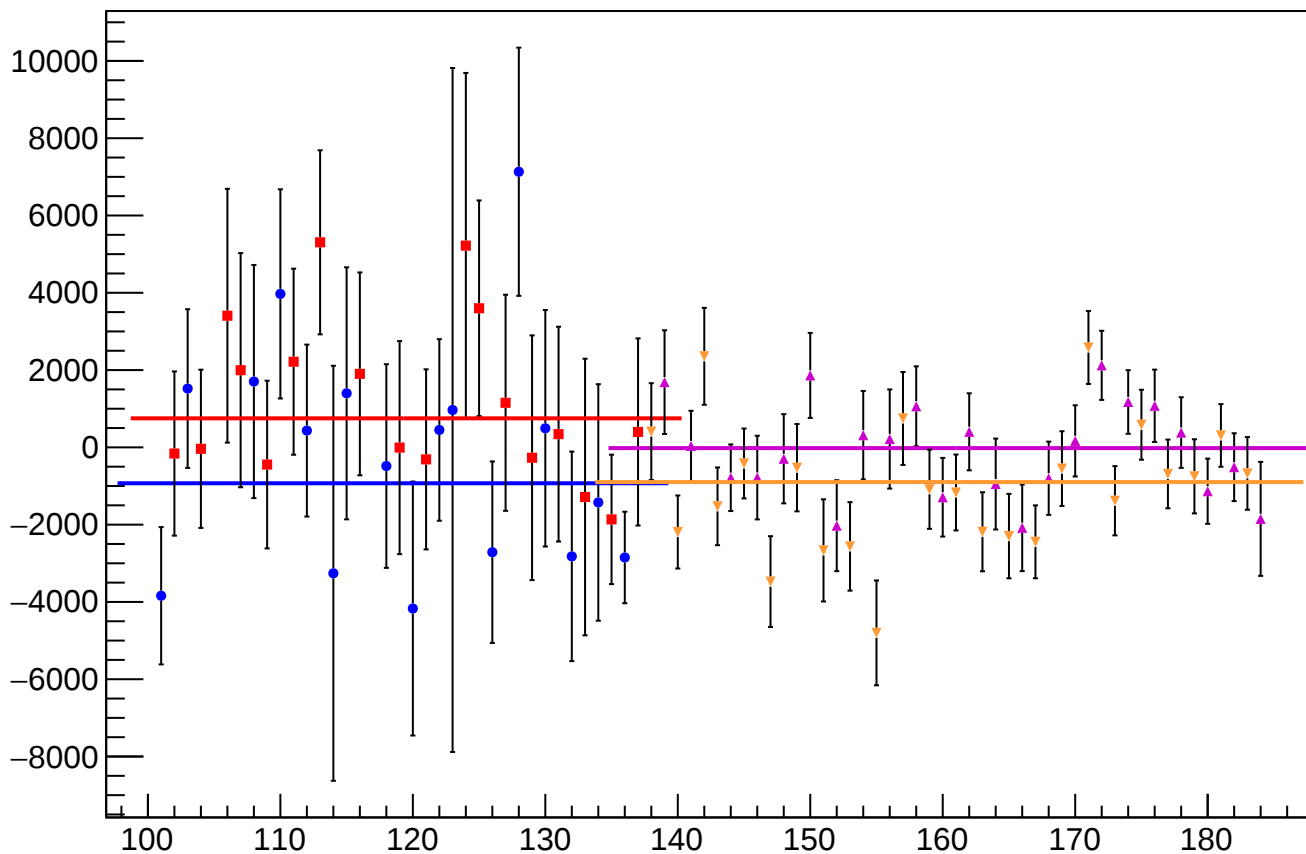
Right: 103.979 ± 0.020 $\chi^2/\text{NDF}: 676958.3/34$

In: 93.833 ± 0.014 $\chi^2/\text{NDF}: 962483.8/39$

Out: 93.645 ± 0.013 $\chi^2/\text{NDF}: 1327341.4/41$

All: 93.737 ± 0.010 $\chi^2/\text{NDF}: 2289921.2/81$

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 ± 586.968 $\chi^2/\text{NDF}: 20.9/16$

Left Out: -897.998 ± 207.362 $\chi^2/\text{NDF}: 54.4/23$

Right Out: 751.262 ± 594.960 $\chi^2/\text{NDF}: 10.9/17$

Left In: -19.191 ± 210.437 $\chi^2/\text{NDF}: 29.5/22$

Left: -465.063 ± 147.702 $\chi^2/\text{NDF}: 92.8/46$

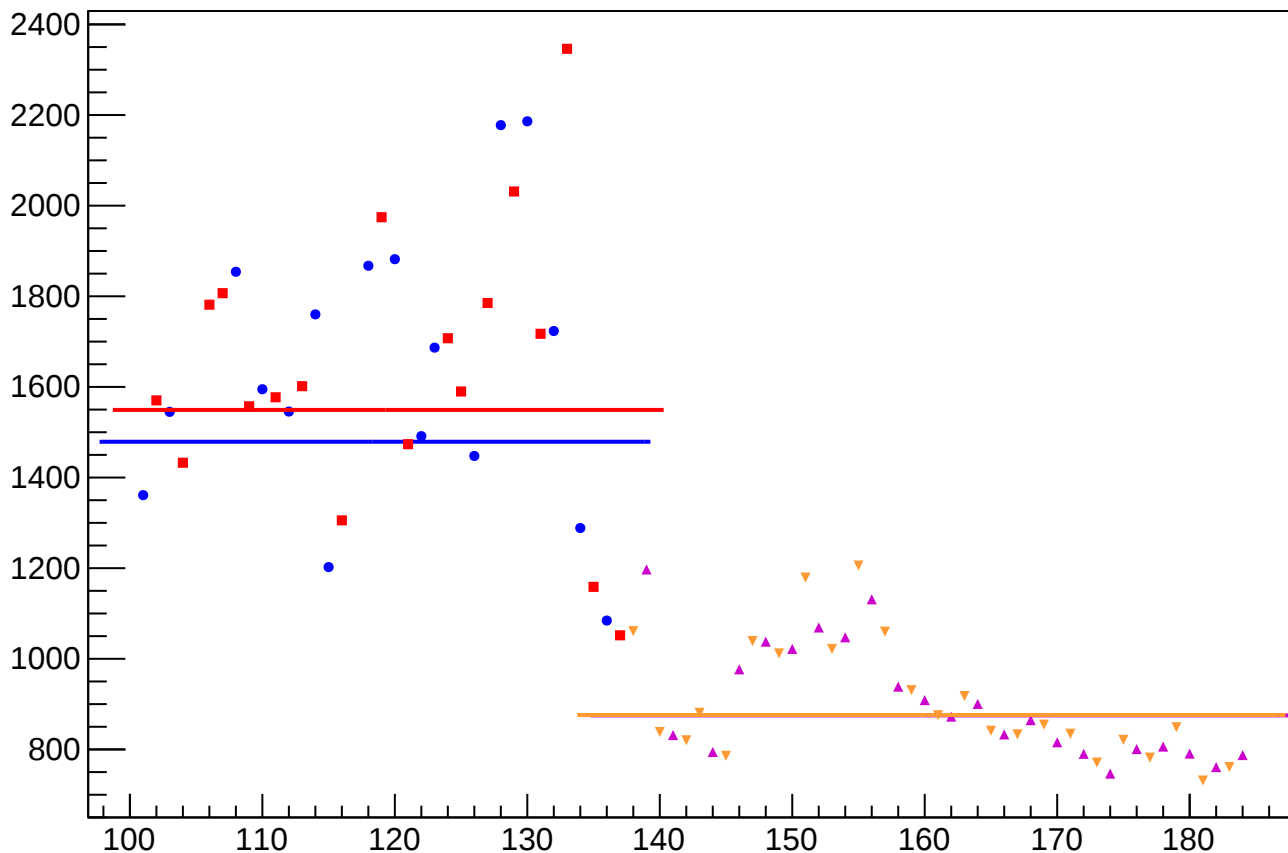
Right: -100.195 ± 417.846 $\chi^2/\text{NDF}: 35.8/34$

In: -122.806 ± 198.091 $\chi^2/\text{NDF}: 52.5/39$

Out: -719.356 ± 195.810 $\chi^2/\text{NDF}: 72.2/41$

All: -424.536 ± 139.258 $\chi^2/\text{NDF}: 129.3/81$

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: 875.962+/-0.147 χ^2/NDF : 613112.3/23

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 875.074+/-0.149 χ^2/NDF : 583342.7/22

Left: 875.525+/-0.104 χ^2/NDF : 1196473.1/46

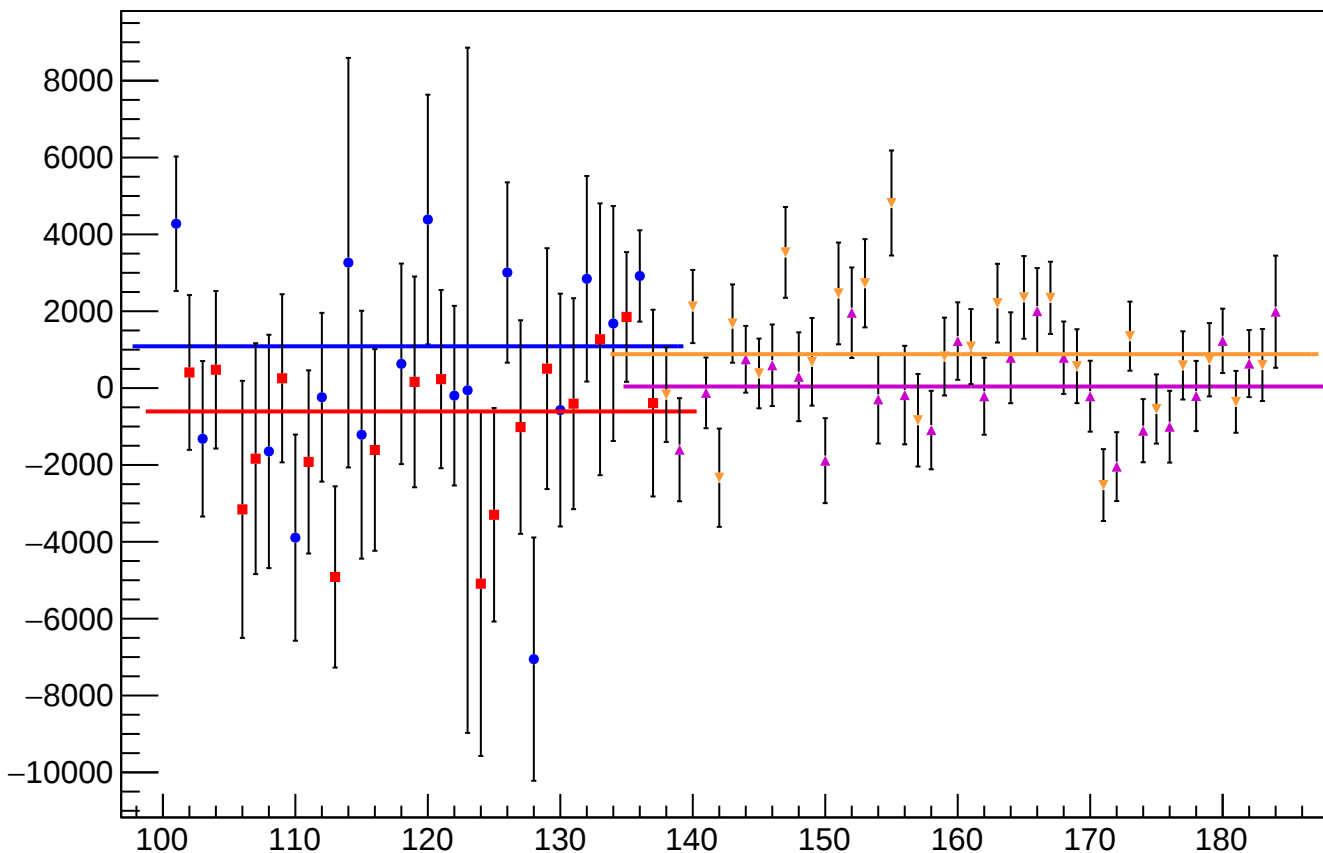
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 943.857+/-0.140 χ^2/NDF : 3048999.9/39

Out: 948.892+/-0.138 χ^2/NDF : 3359624.6/41

All: 946.404+/-0.098 χ^2/NDF : 6409278.2/81

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 883.136 $\pm$ 207.121 χ^2 /NDF:53.8/23

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 41.523 $\pm$ 210.209 χ^2 /NDF:28.1/22

Left: 468.556 $\pm$ 147.536 χ^2 /NDF: 90.1/46

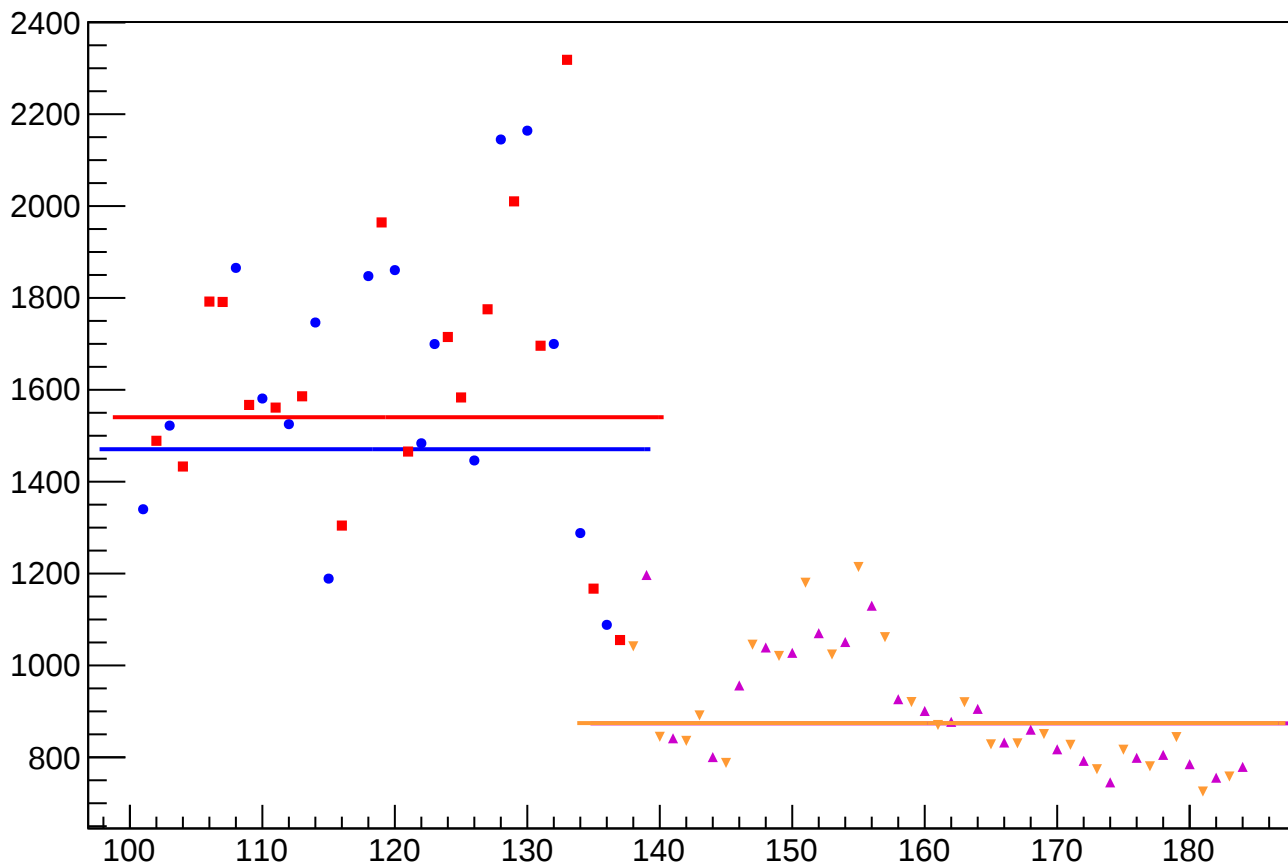
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 161.798 $\pm$ 197.760 χ^2 /NDF:52.8/39

Out: 720.304 $\pm$ 195.485 χ^2 /NDF:69.4/41

All: 444.282 $\pm$ 139.026 χ^2 /NDF: 126.3/81

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2 /NDF: 567728.4/16

Left Out: 874.482 $\pm$ 0.146 χ^2 /NDF: 625957.8/23

Right Out: 1540.341 $\pm$ 0.418 χ^2 /NDF: 442804.3/17

Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

Left: 874.196 $\pm$ 0.104 χ^2 /NDF: 1209310.0/46

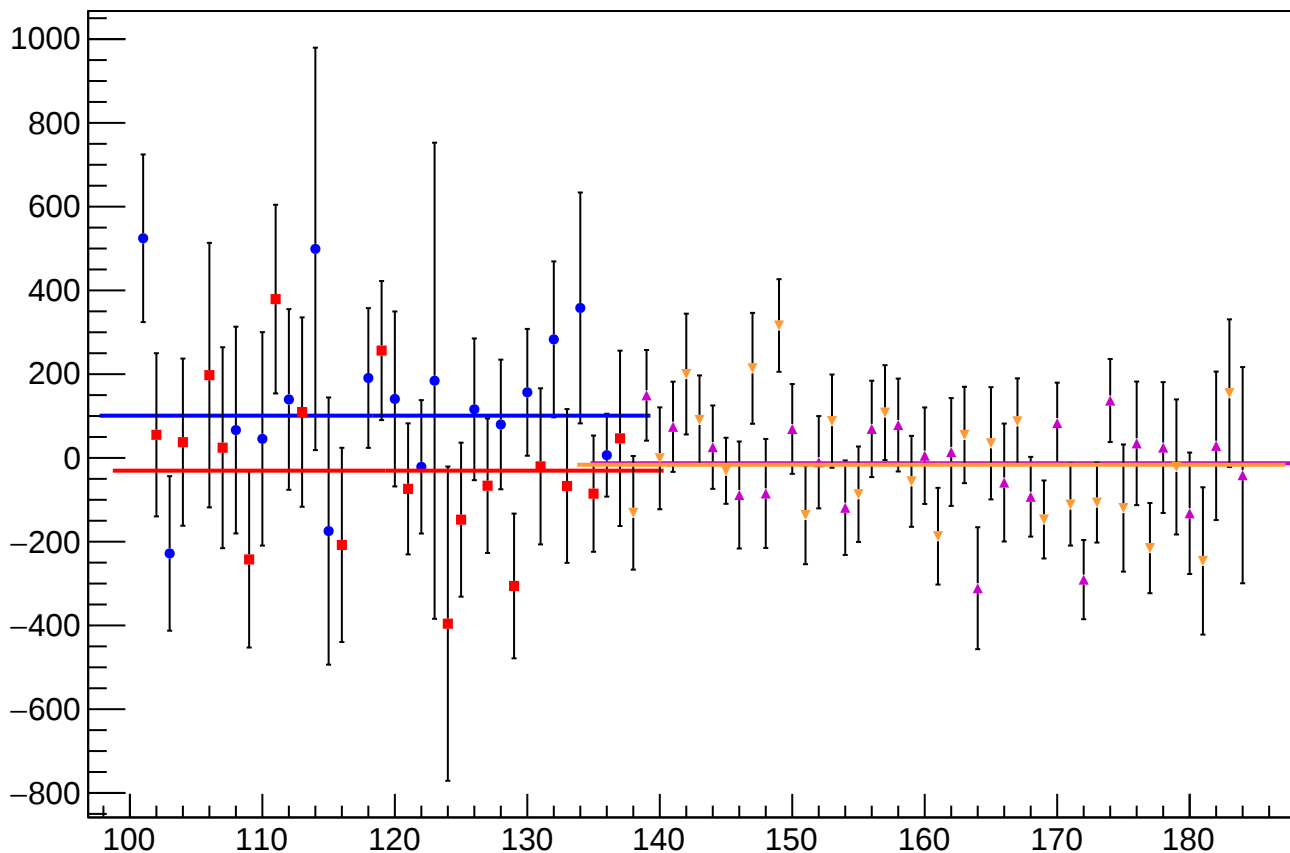
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 942.493 $\pm$ 0.140 χ^2 /NDF: 3003797.9/39

Out: 947.197 $\pm$ 0.138 χ^2 /NDF: 3326063.0/41

All: 944.872 $\pm$ 0.098 χ^2 /NDF: 6330433.2/81

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 χ^2/NDF : 13.0/16

Left Out: -16.336 ± 23.481 χ^2/NDF : 33.8/23

Right Out: -30.411 ± 45.710 χ^2/NDF : 13.5/17

Left In: -12.678 ± 24.667 χ^2/NDF : 24.3/22

Left: -14.597 ± 17.007 χ^2/NDF : 58.1/46

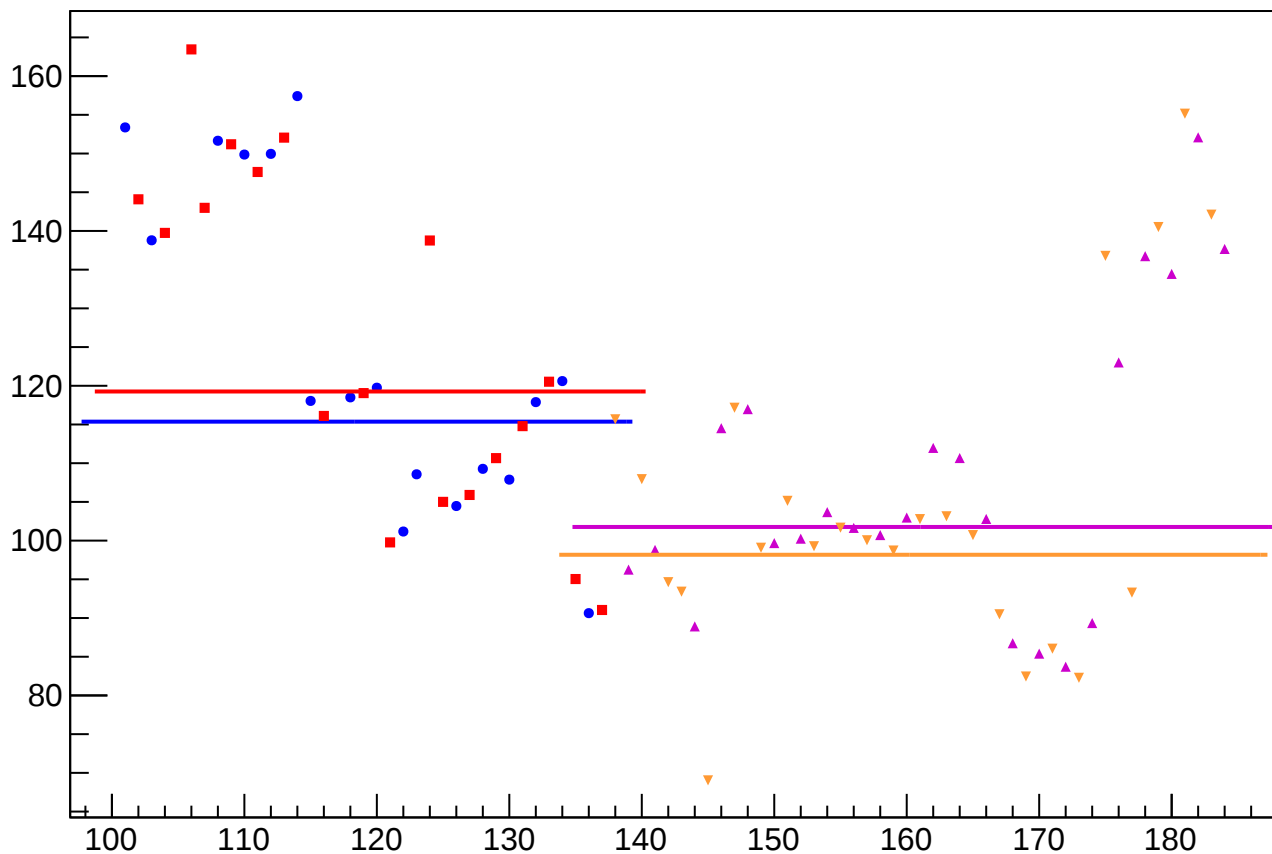
Right: 35.869 ± 32.170 χ^2/NDF : 30.7/34

In: 13.316 ± 21.662 χ^2/NDF : 42.1/39

Out: -19.275 ± 20.886 χ^2/NDF : 47.4/41

All: -3.574 ± 15.035 χ^2/NDF : 90.7/81

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 98.172 $\pm$ 0.017 χ^2 /NDF:1142321.5/23

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.764 $\pm$ 0.017 χ^2 /NDF:764471.2/22

Left: 99.880 $\pm$ 0.012 χ^2 /NDF: 1929041.6/46

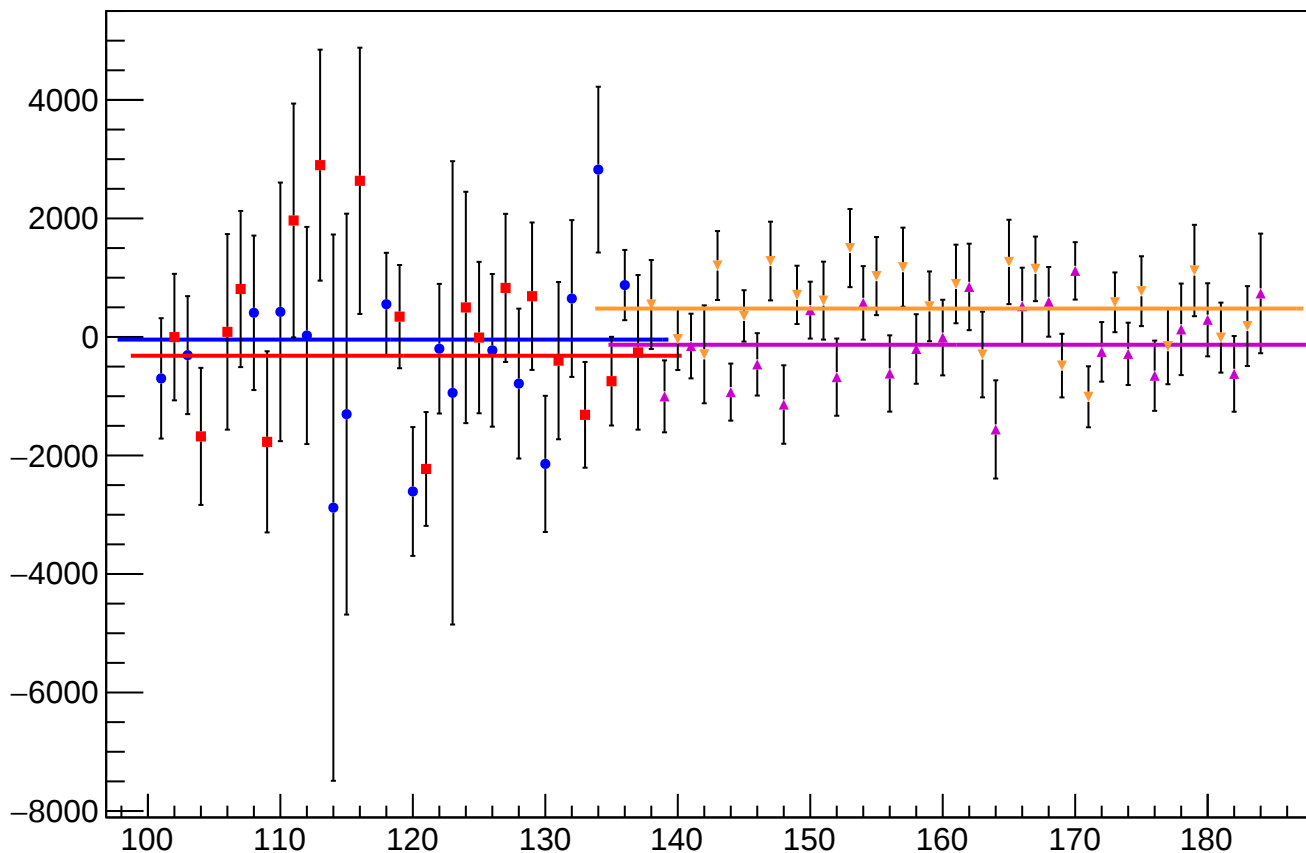
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 104.877 $\pm$ 0.015 χ^2 /NDF:1315000.8/39

Out: 102.575 $\pm$ 0.015 χ^2 /NDF:1877530.0/41

All: 103.684 $\pm$ 0.011 χ^2 /NDF: 3204227.2/81

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2 /NDF: 17.9/16

Left Out: 479.345 $\pm$ 122.734 χ^2 /NDF:28.1/23

Right Out: -316.976 $\pm$ 283.113 χ^2 /NDF: 16.8/17

Left In: -131.610 $\pm$ 124.664 χ^2 /NDF:28.4/22

Left: 178.633 $\pm$ 87.461 χ^2 /NDF: 68.6/46

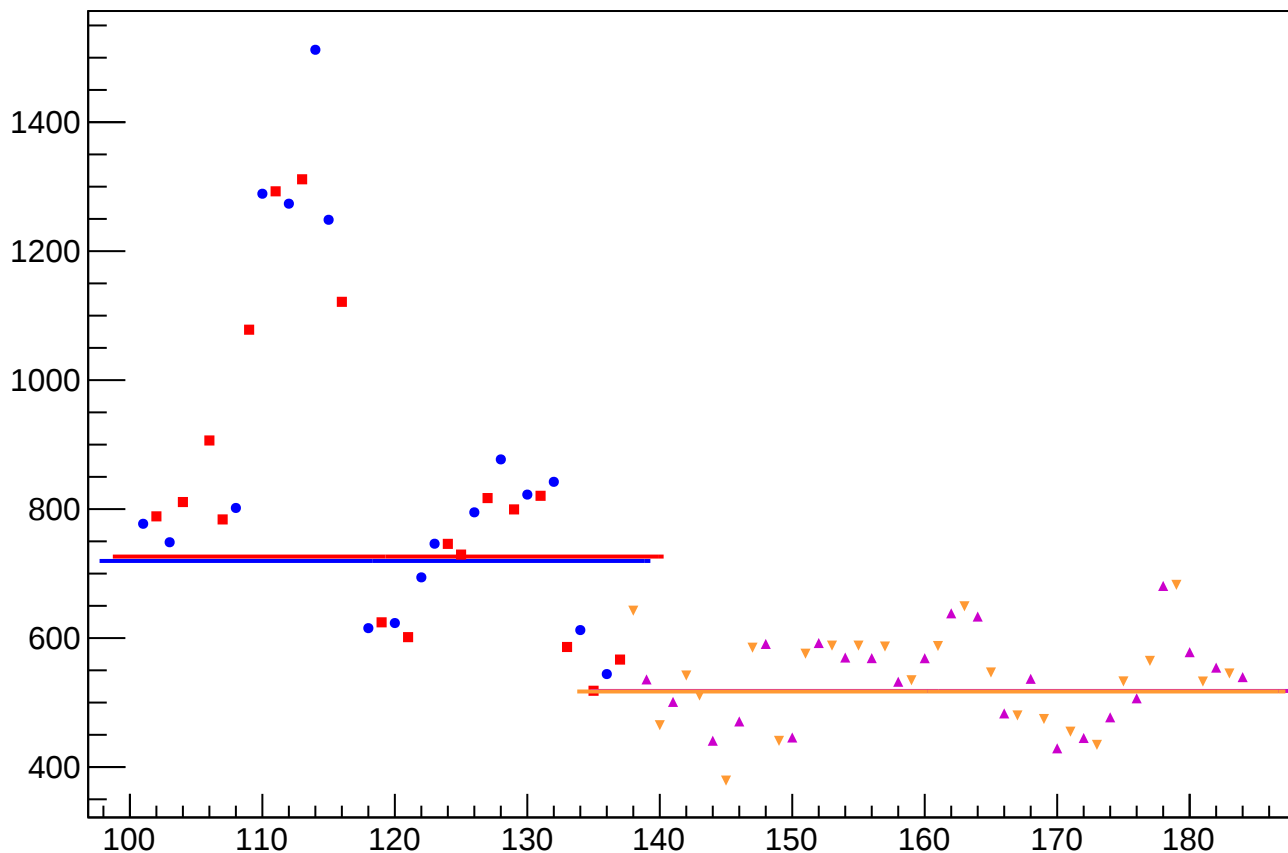
Right: -182.282 $\pm$ 201.303 χ^2 /NDF: 35.1/34

In: -117.733 $\pm$ 114.298 χ^2 /NDF:46.3/39

Out: 353.363 $\pm$ 112.608 χ^2 /NDF:51.6/41

All: 121.323 $\pm$ 80.217 χ^2 /NDF: 106.5/81

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 517.174 $\pm$ 0.087 χ^2 /NDF: 743378.7/23

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 518.007 $\pm$ 0.088 χ^2 /NDF: 545568.0/22

Left: 517.584 $\pm$ 0.062 χ^2 /NDF: 1288992.1/46

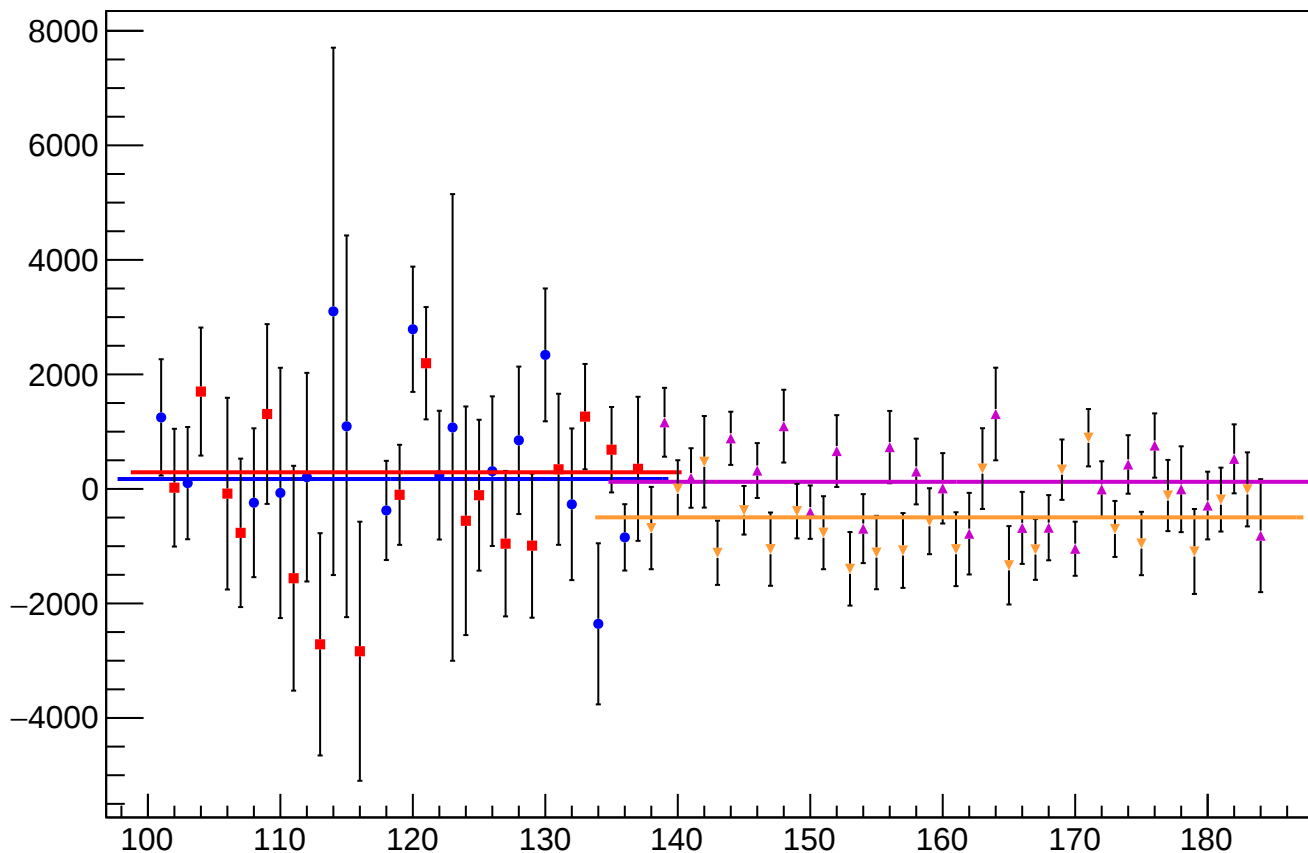
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 550.141 $\pm$ 0.081 χ^2 /NDF: 2126200.4/39

Out: 550.274 $\pm$ 0.080 χ^2 /NDF: 2543839.0/41

All: 550.209 $\pm$ 0.057 χ^2 /NDF: 4670040.8/81

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -496.565 $\pm$ 118.730 χ^2 /NDF:26.3/23

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 124.022 $\pm$ 120.216 χ^2 /NDF:30.2/22

Left: -190.131 $\pm$ 84.475 χ^2 /NDF: 70.0/46

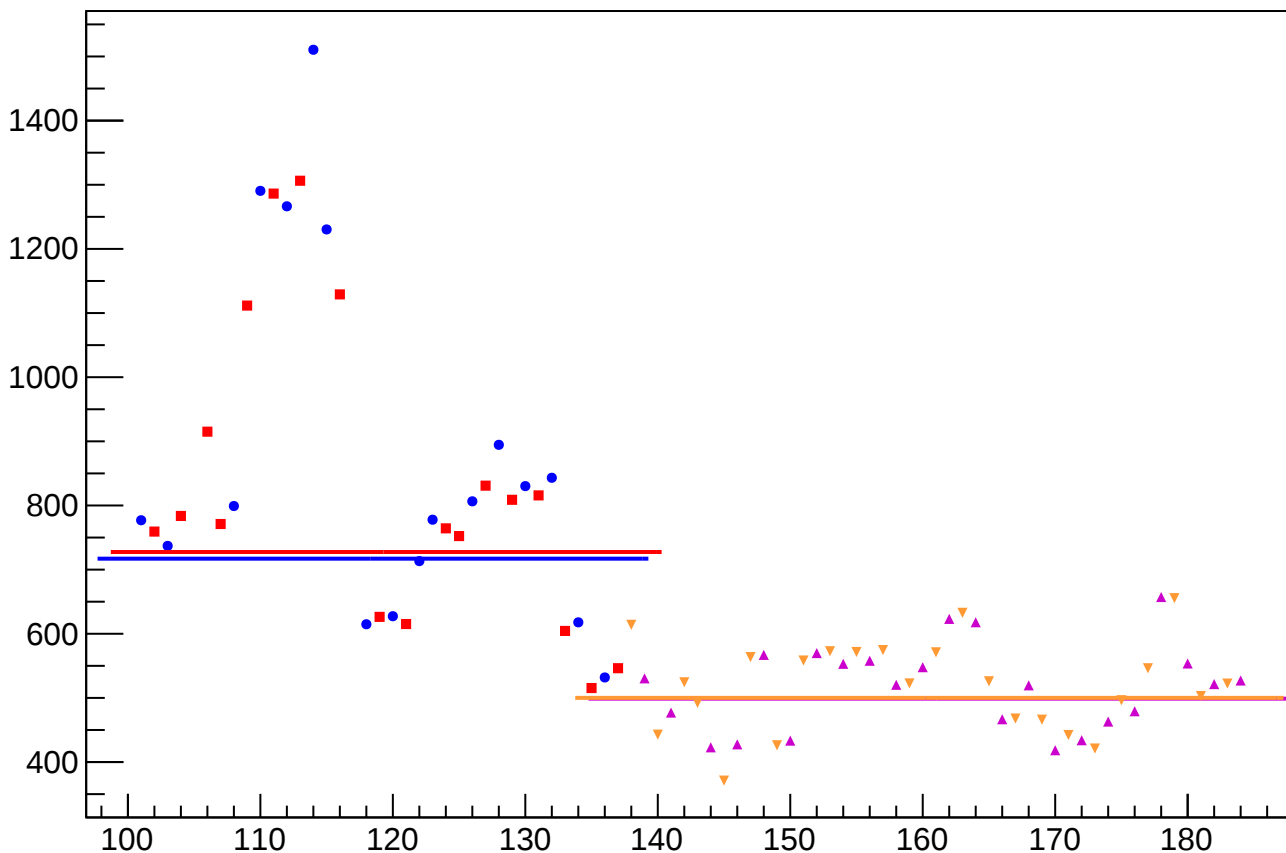
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 131.418 $\pm$ 110.804 χ^2 /NDF:48.3/39

Out: -379.106 $\pm$ 109.516 χ^2 /NDF:48.5/41

All: -126.829 $\pm$ 77.891 χ^2 /NDF: 107.5/81

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 500.067 $\pm$ 0.084 χ^2 /NDF: 721326.2/23

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

Left: 499.458 $\pm$ 0.060 χ^2 /NDF: 1293766.8/46

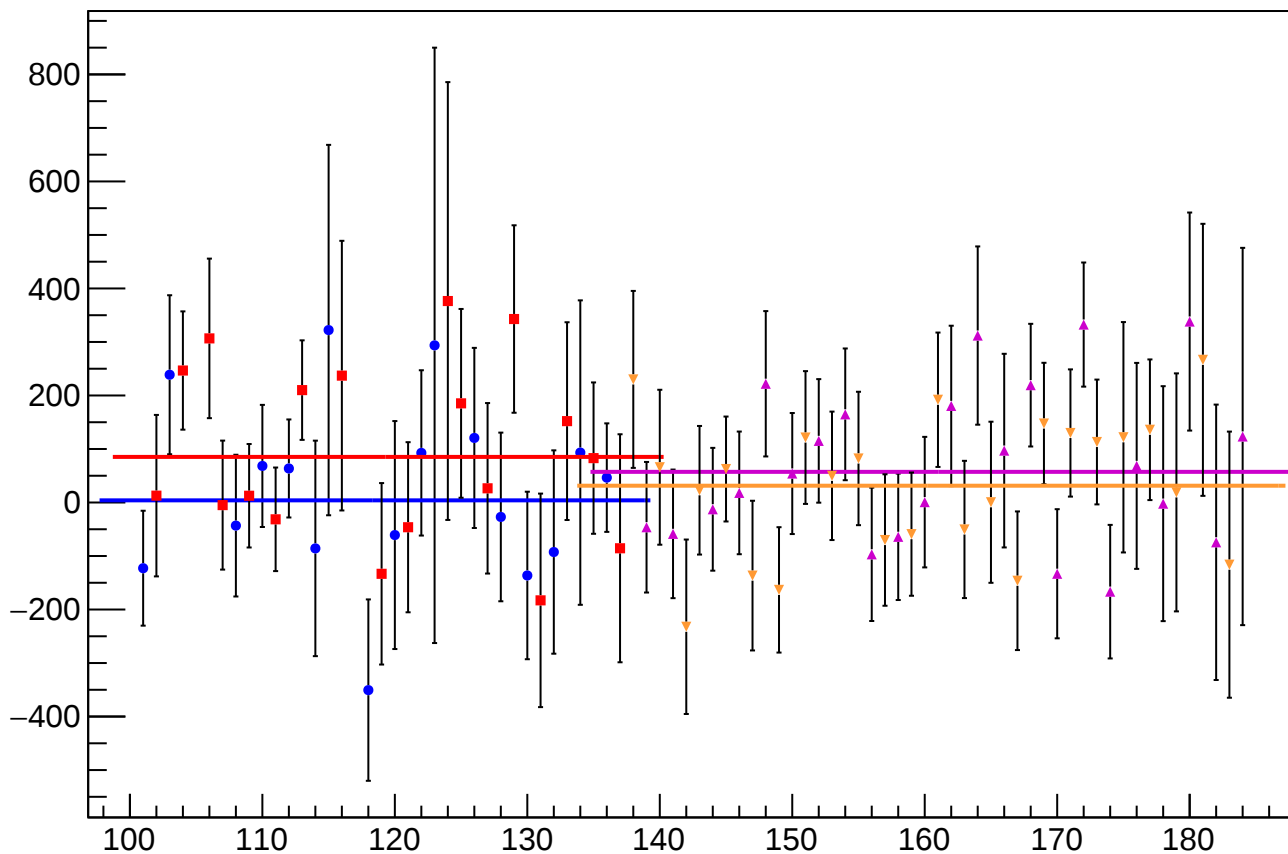
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 531.669 $\pm$ 0.078 χ^2 /NDF: 2346494.6/39

Out: 533.994 $\pm$ 0.077 χ^2 /NDF: 2697053.3/41

All: 532.845 $\pm$ 0.055 χ^2 /NDF: 5043993.0/81

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 $\pm$ 35.950 χ^2/NDF : 12.7/16

Left Out: 31.384 $\pm$ 27.309 χ^2/NDF : 18.7/23

Right Out: 85.205 $\pm$ 33.413 χ^2/NDF : 17.4/17

Left In: 57.275 $\pm$ 28.232 χ^2/NDF : 26.1/22

Left: 43.899 $\pm$ 19.629 χ^2/NDF : 45.2/46

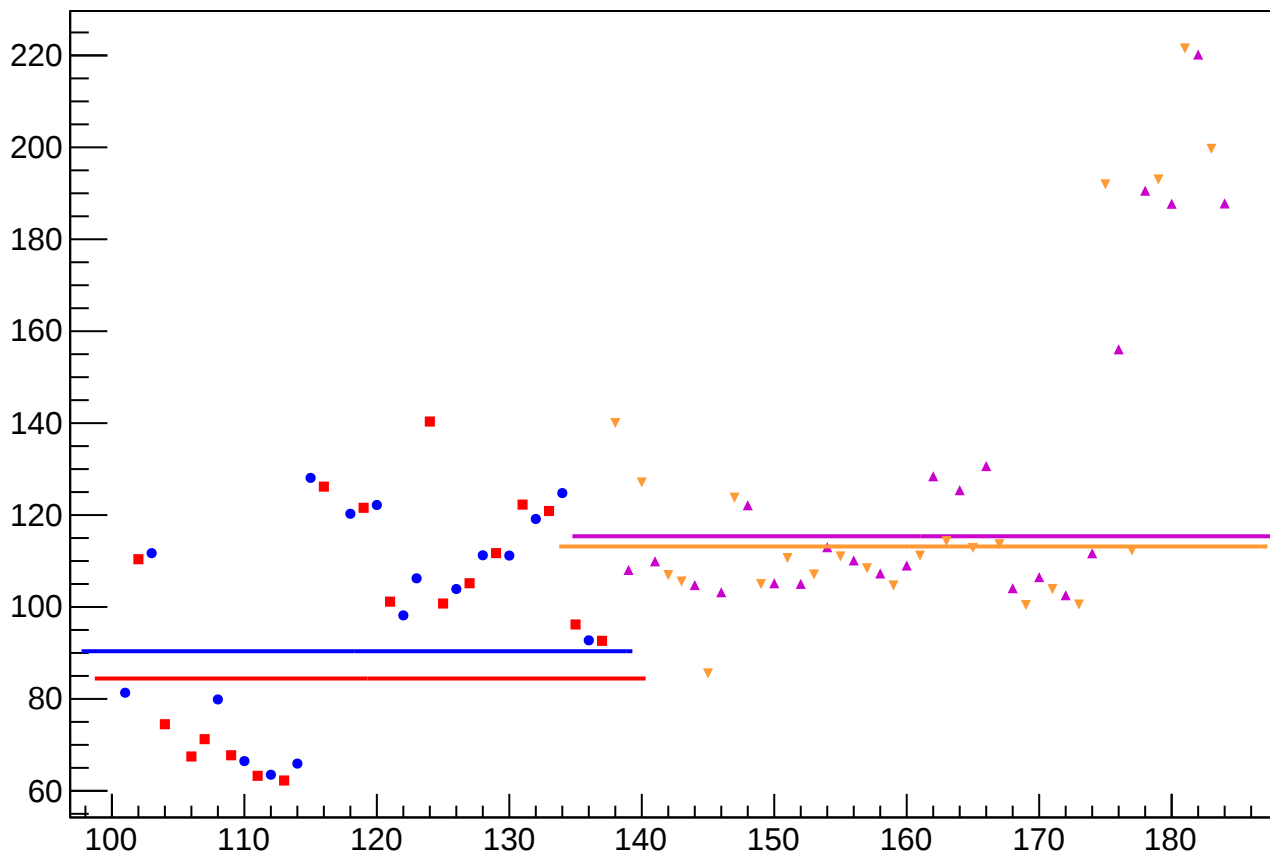
Right: 47.574 $\pm$ 24.474 χ^2/NDF : 32.8/34

In: 36.957 $\pm$ 22.204 χ^2/NDF : 40.2/39

Out: 52.938 $\pm$ 21.145 χ^2/NDF : 37.6/41

All: 45.338 $\pm$ 15.312 χ^2/NDF : 78.0/81

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 113.165 $\pm$ 0.019 χ^2 /NDF: 1475281.0/23

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 115.386 $\pm$ 0.020 χ^2 /NDF: 1192884.8/22

Left: 114.238 $\pm$ 0.014 χ^2 /NDF: 2674557.5/46

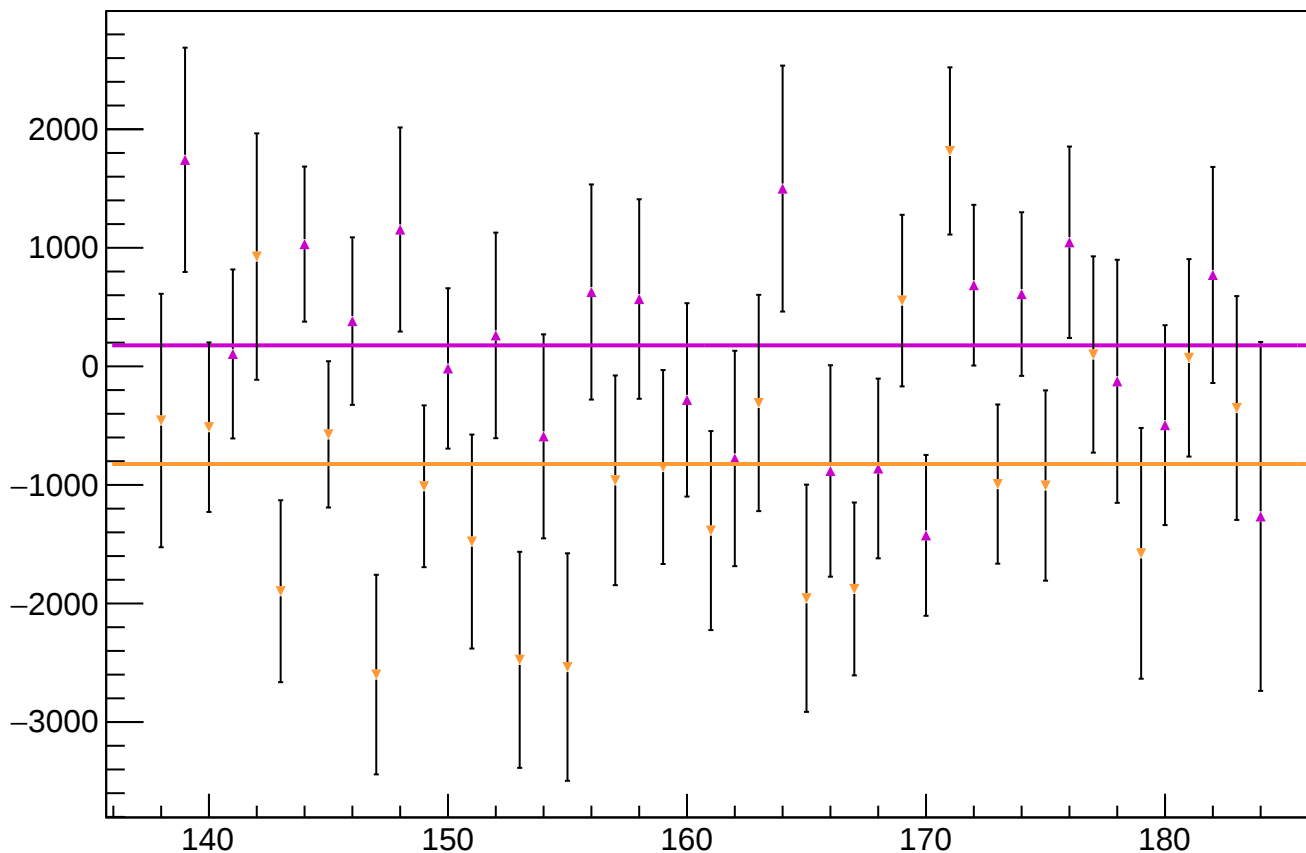
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 105.845 $\pm$ 0.016 χ^2 /NDF: 2445762.2/39

Out: 101.662 $\pm$ 0.015 χ^2 /NDF: 3232194.5/41

All: 103.651 $\pm$ 0.011 χ^2 /NDF: 5715178.9/81

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -823.796+/-166.352 χ^2/NDF :42.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 177.186+/-169.212 χ^2/NDF :23.3/22

Left: -331.836+/-118.627 χ^2/NDF : 83.1/46

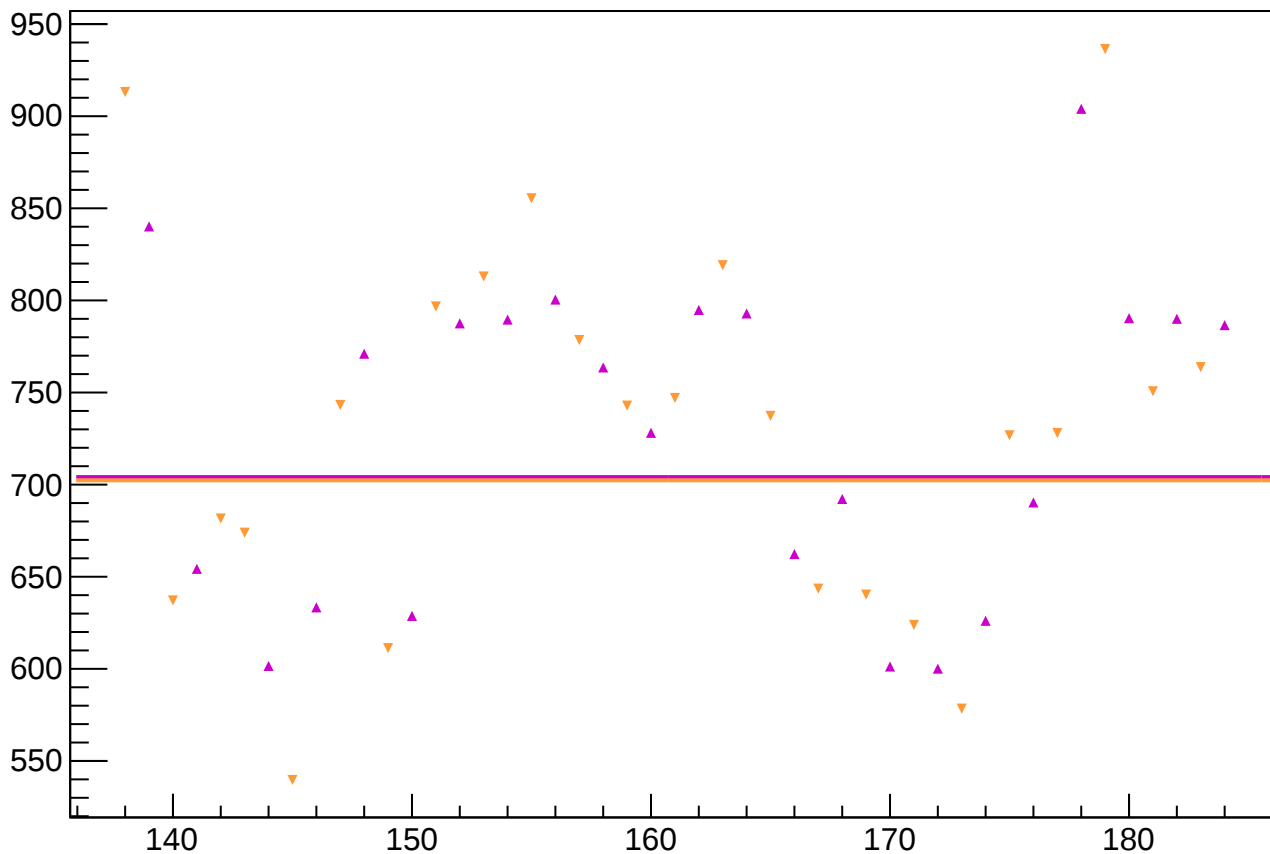
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 177.186+/-169.212 χ^2/NDF :23.3/22

Out: -823.796+/-166.352 χ^2/NDF :42.0/23

All: -331.836+/-118.627 χ^2/NDF : 83.1/46

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Left: 703.220+/-0.084 χ^2/NDF : 1187929.7/46

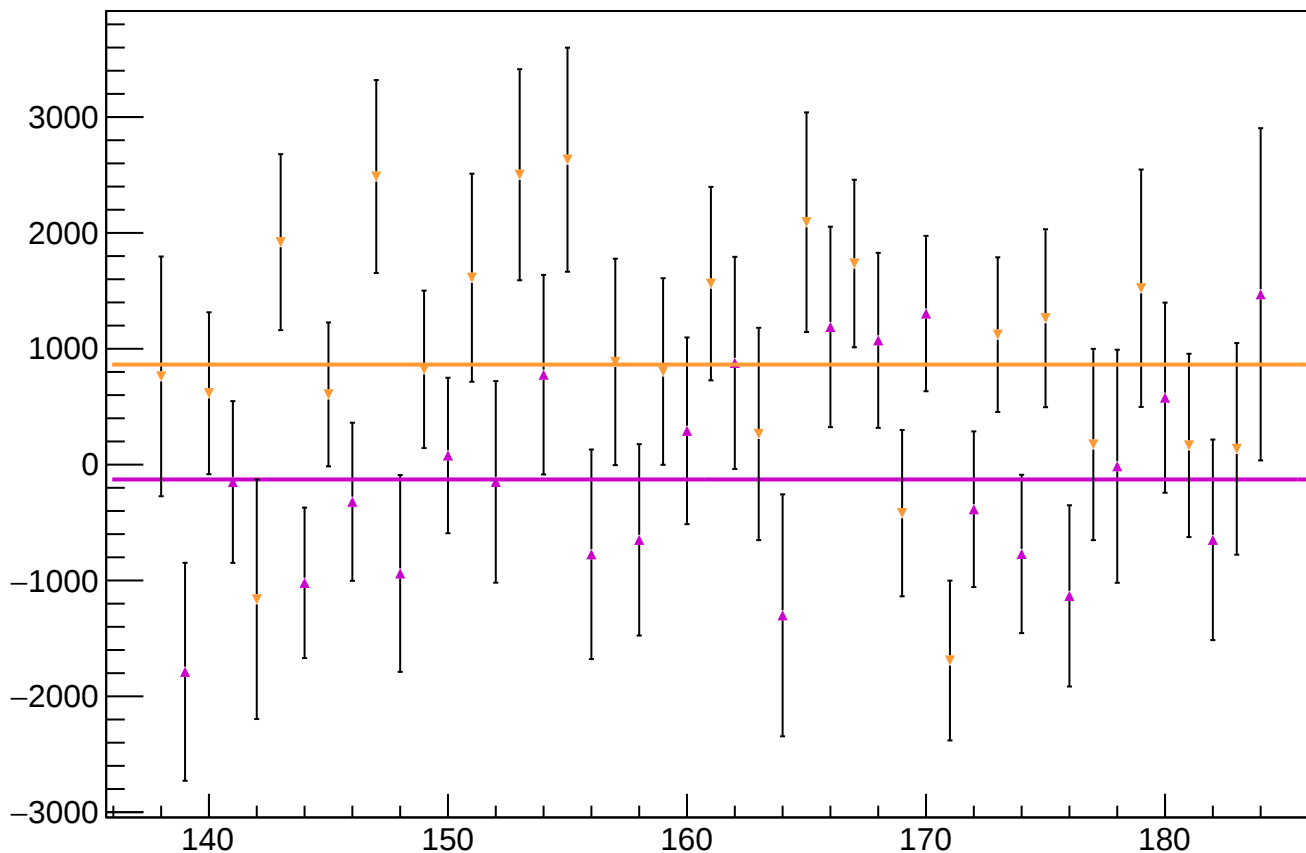
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Out: 702.369+/-0.118 χ^2/NDF : 678199.7/23

All: 703.220+/-0.084 χ^2/NDF : 1187929.7/46

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.623+/-164.357 χ^2/NDF :41.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -128.120+/-166.866 χ^2/NDF :25.3/22

Left: 375.264+/-117.095 χ^2/NDF : 84.5/46

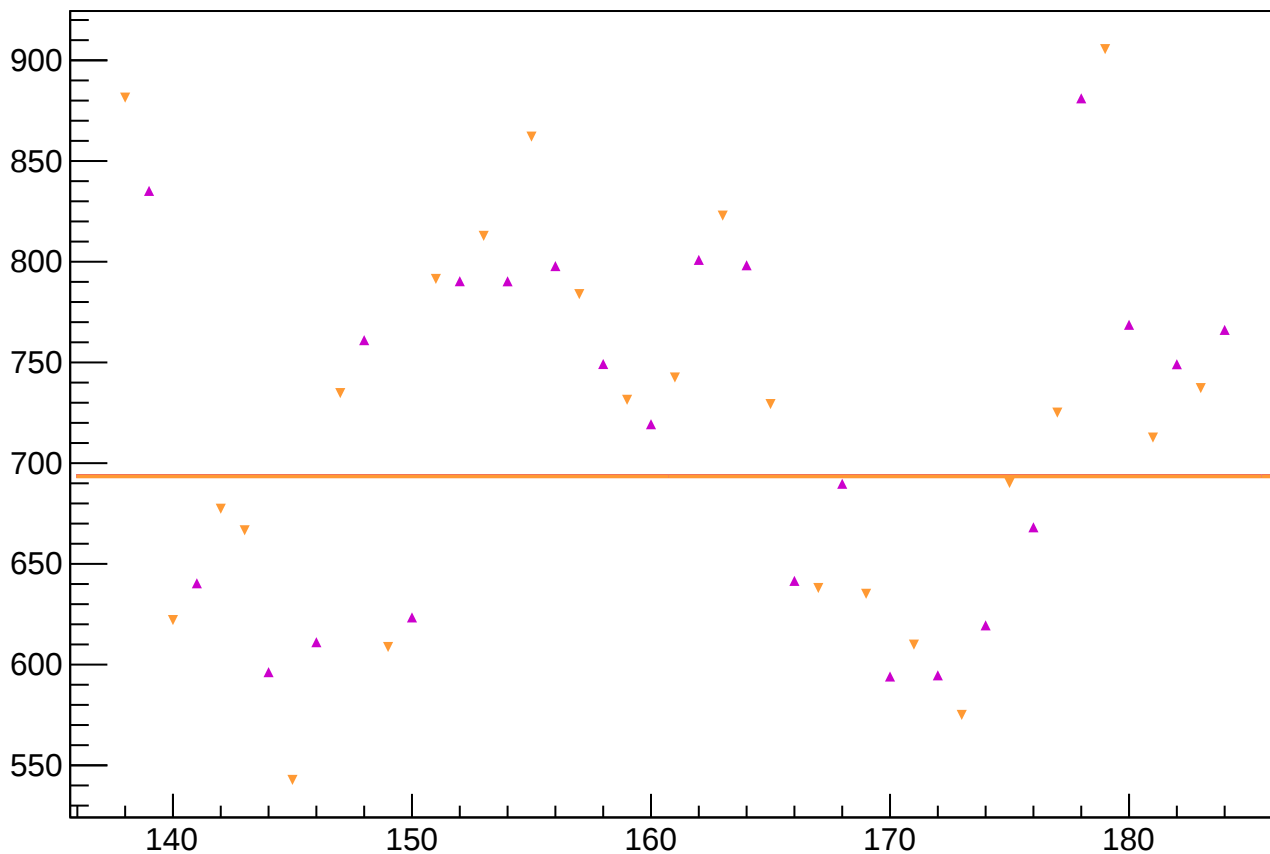
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.120+/-166.866 χ^2/NDF :25.3/22

Out: 863.623+/-164.357 χ^2/NDF :41.3/23

All: 375.264+/-117.095 χ^2/NDF : 84.5/46

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Left: 693.559+/-0.083 χ^2/NDF : 1169797.3/46

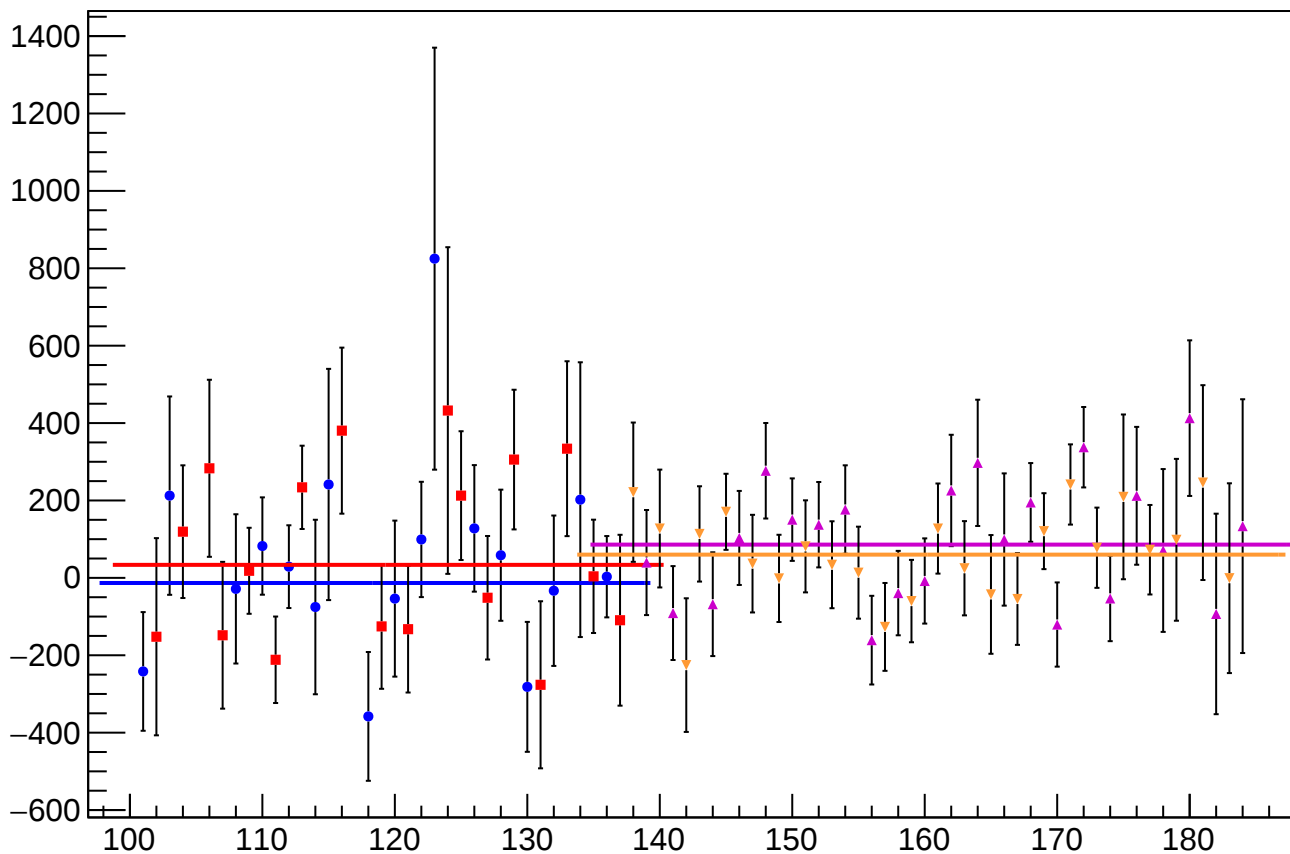
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Out: 693.503+/-0.116 χ^2/NDF : 649104.2/23

All: 693.559+/-0.083 χ^2/NDF : 1169797.3/46

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 60.055 ± 25.802 χ^2/NDF : 16.2/23

Right Out: 33.637 ± 38.891 χ^2/NDF : 24.7/17

Left In: 85.948 ± 26.925 χ^2/NDF : 32.4/22

Left: 72.450 ± 18.629 χ^2/NDF : 49.0/46

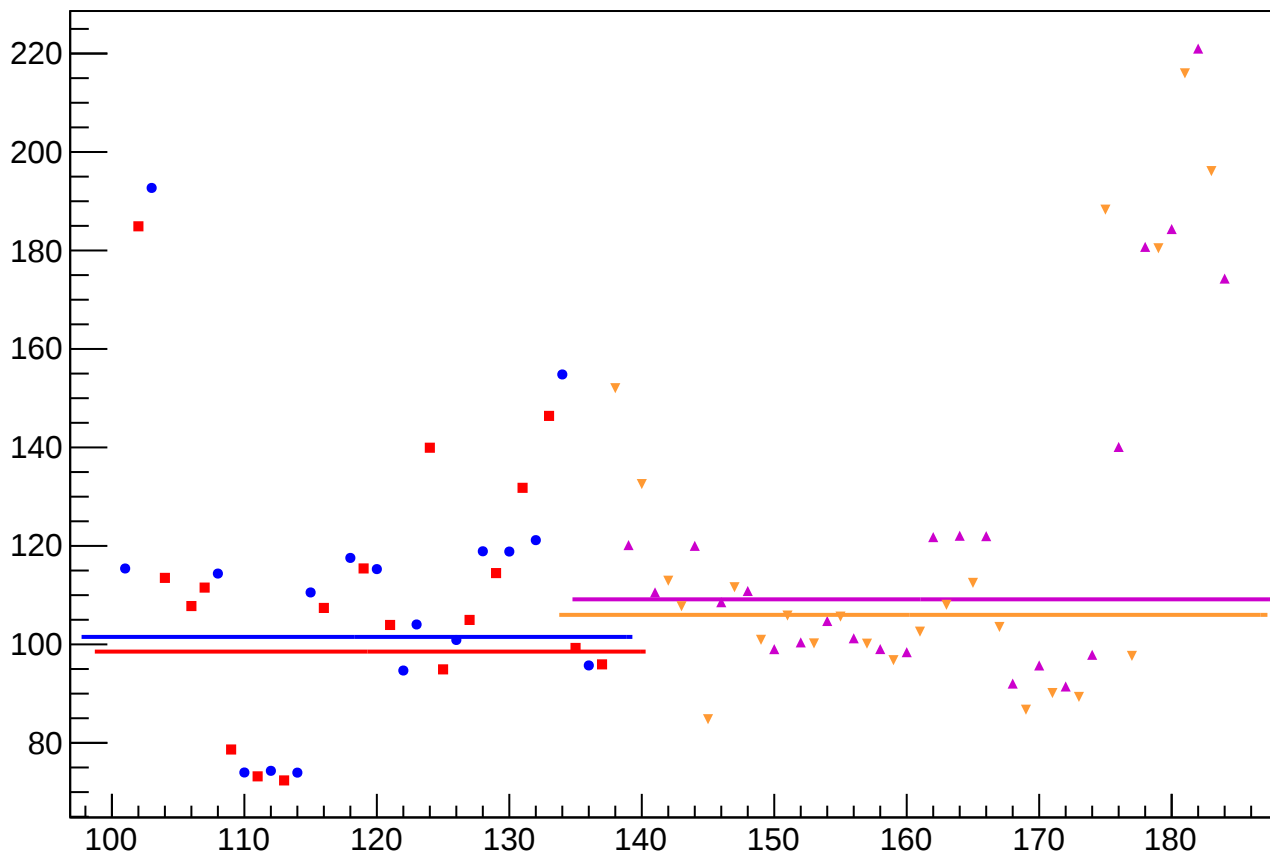
Right: 11.191 ± 28.070 χ^2/NDF : 41.1/34

In: 55.610 ± 22.431 χ^2/NDF : 52.2/39

Out: 51.981 ± 21.500 χ^2/NDF : 41.2/41

All: 53.719 ± 15.522 χ^2/NDF : 93.4/81

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.996 $\pm$ 0.018 χ^2 /NDF: 1719045.8/23

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 109.150 $\pm$ 0.019 χ^2 /NDF: 1334655.1/22

Left: 107.506 $\pm$ 0.013 χ^2 /NDF: 3068004.6/46

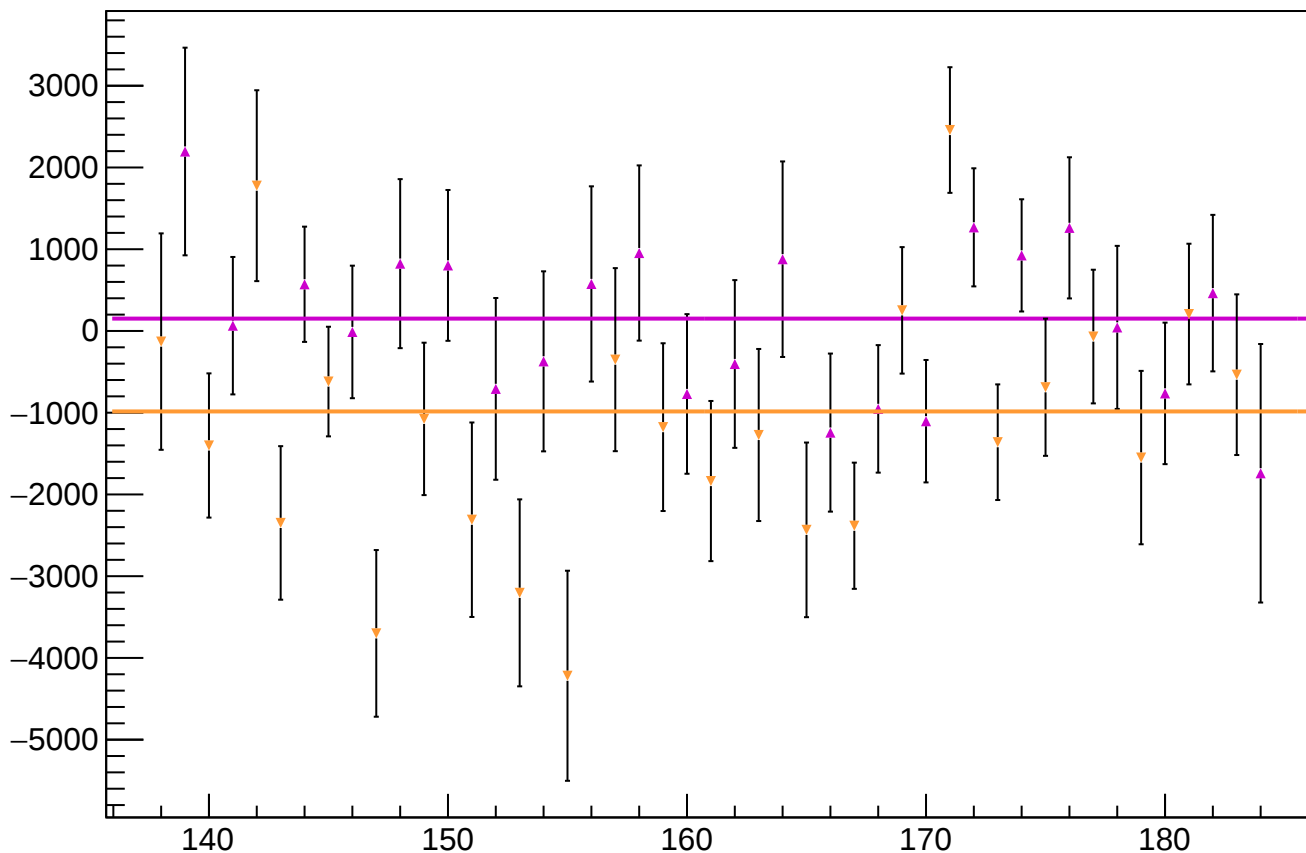
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 106.815 $\pm$ 0.016 χ^2 /NDF: 2065515.6/39

Out: 103.716 $\pm$ 0.015 χ^2 /NDF: 2517116.4/41

All: 105.200 $\pm$ 0.011 χ^2 /NDF: 4602528.1/81

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -984.461+/-189.203 χ^2/NDF :60.1/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 151.179+/-191.433 χ^2/NDF :21.9/22

Left: -423.295+/-134.568 χ^2/NDF : 99.7/46

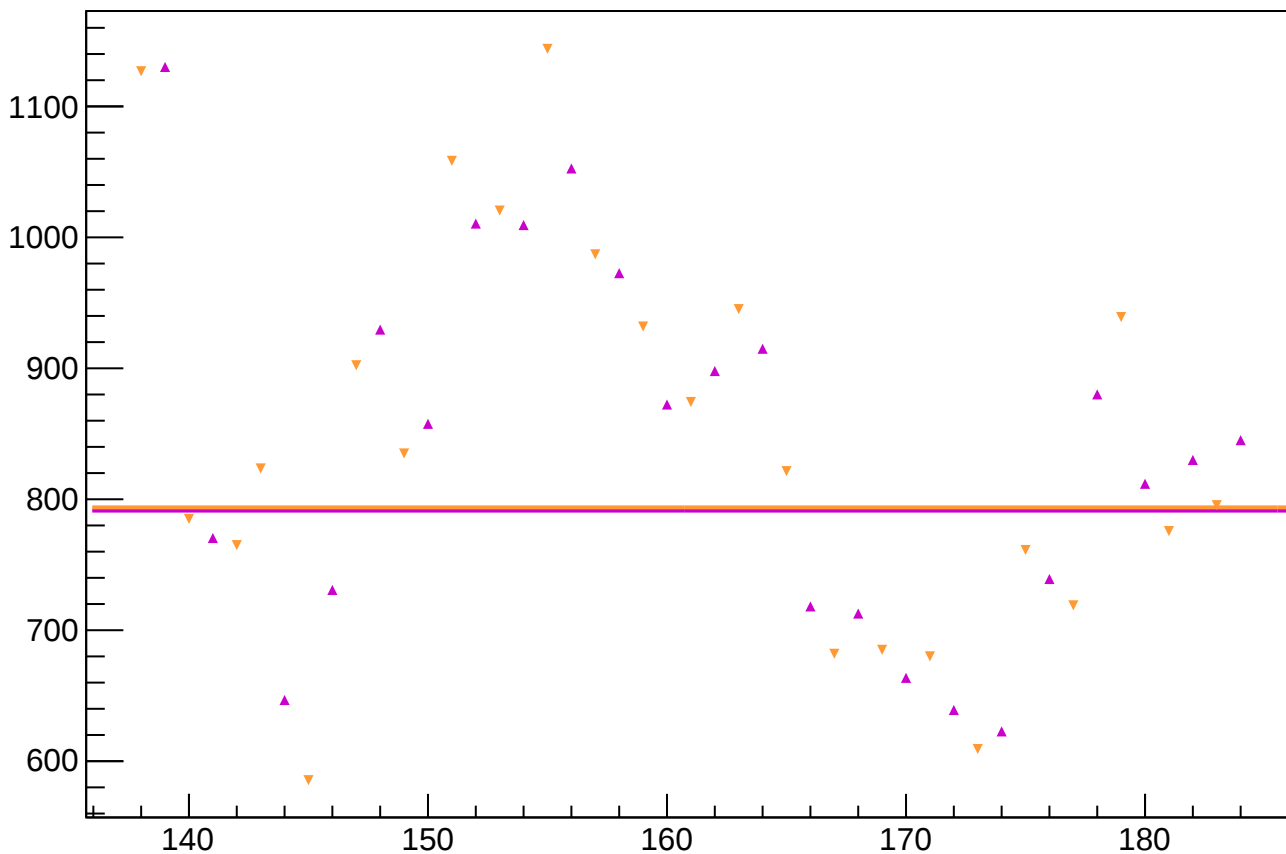
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.179+/-191.433 χ^2/NDF :21.9/22

Out: -984.461+/-189.203 χ^2/NDF :60.1/23

All: -423.295+/-134.568 χ^2/NDF : 99.7/46

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Left: 792.592+/-0.095 χ^2/NDF : 2127334.1/46

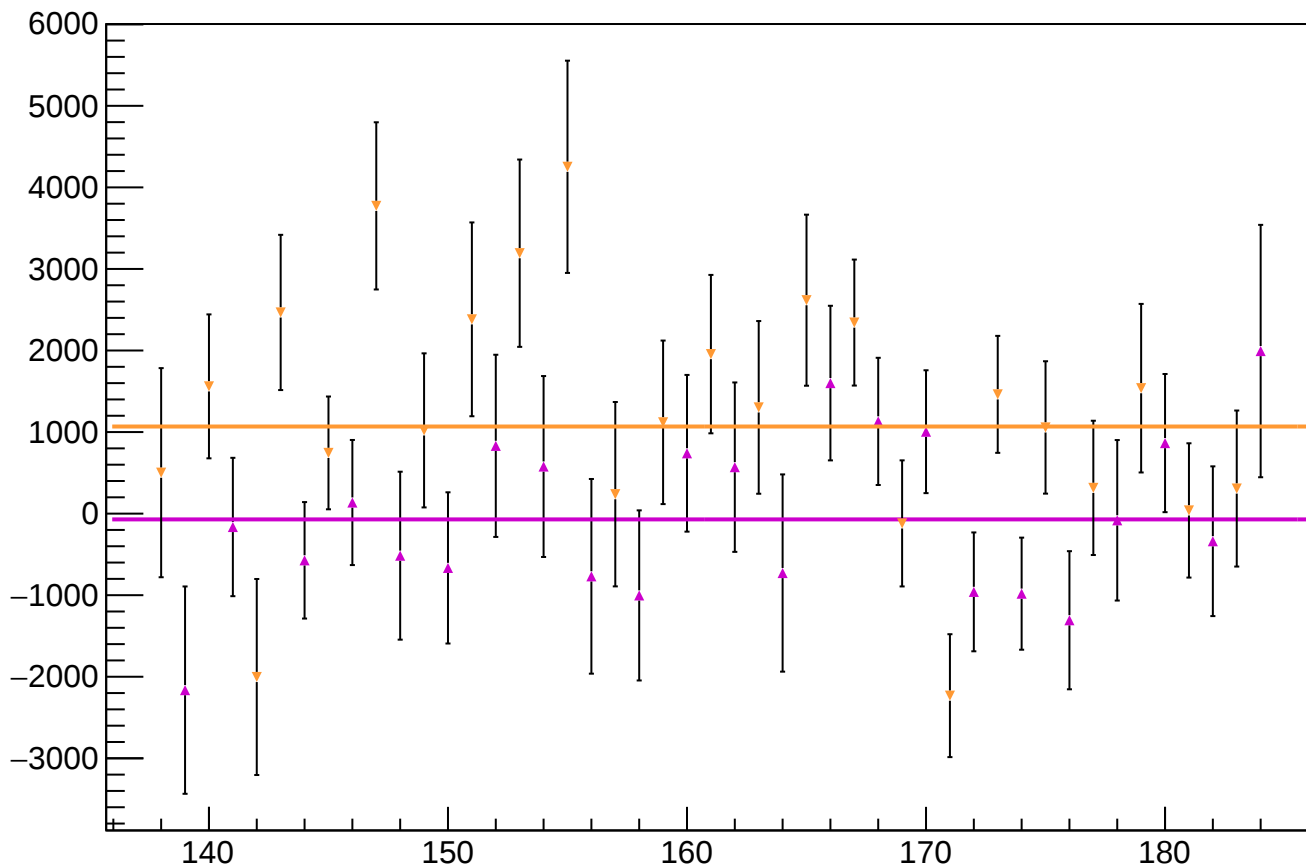
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Out: 793.795+/-0.134 χ^2/NDF :1147145.5/23

All: 792.592+/-0.095 χ^2/NDF : 2127334.1/46

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.852+/-190.155 χ^2/NDF :23.4/22

Left: 503.174+/-133.917 χ^2/NDF : 99.9/46

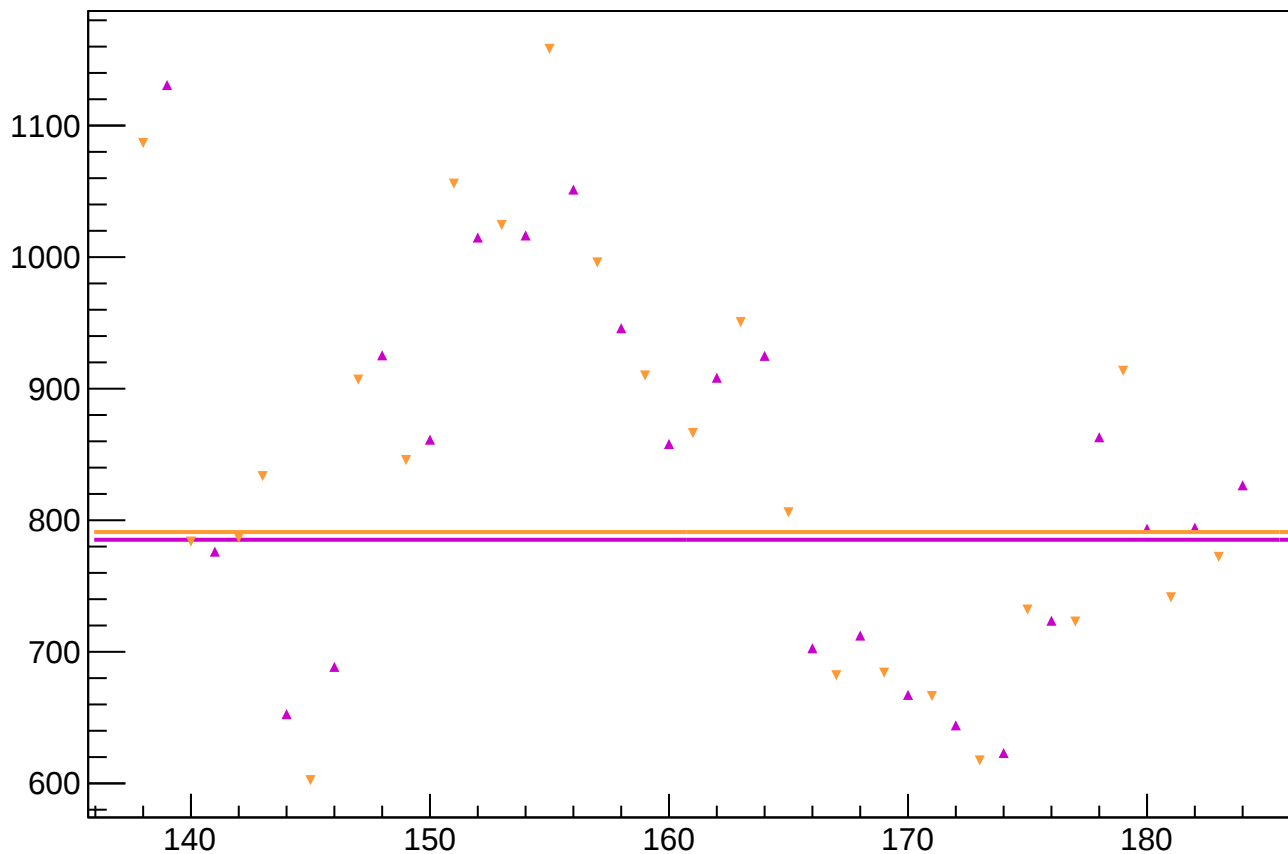
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.852+/-190.155 χ^2/NDF :23.4/22

Out: 1068.014+/-188.628 χ^2/NDF :58.4/23

All: 503.174+/-133.917 χ^2/NDF : 99.9/46

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Left: 788.133+/-0.095 χ^2/NDF : 2072719.0/46

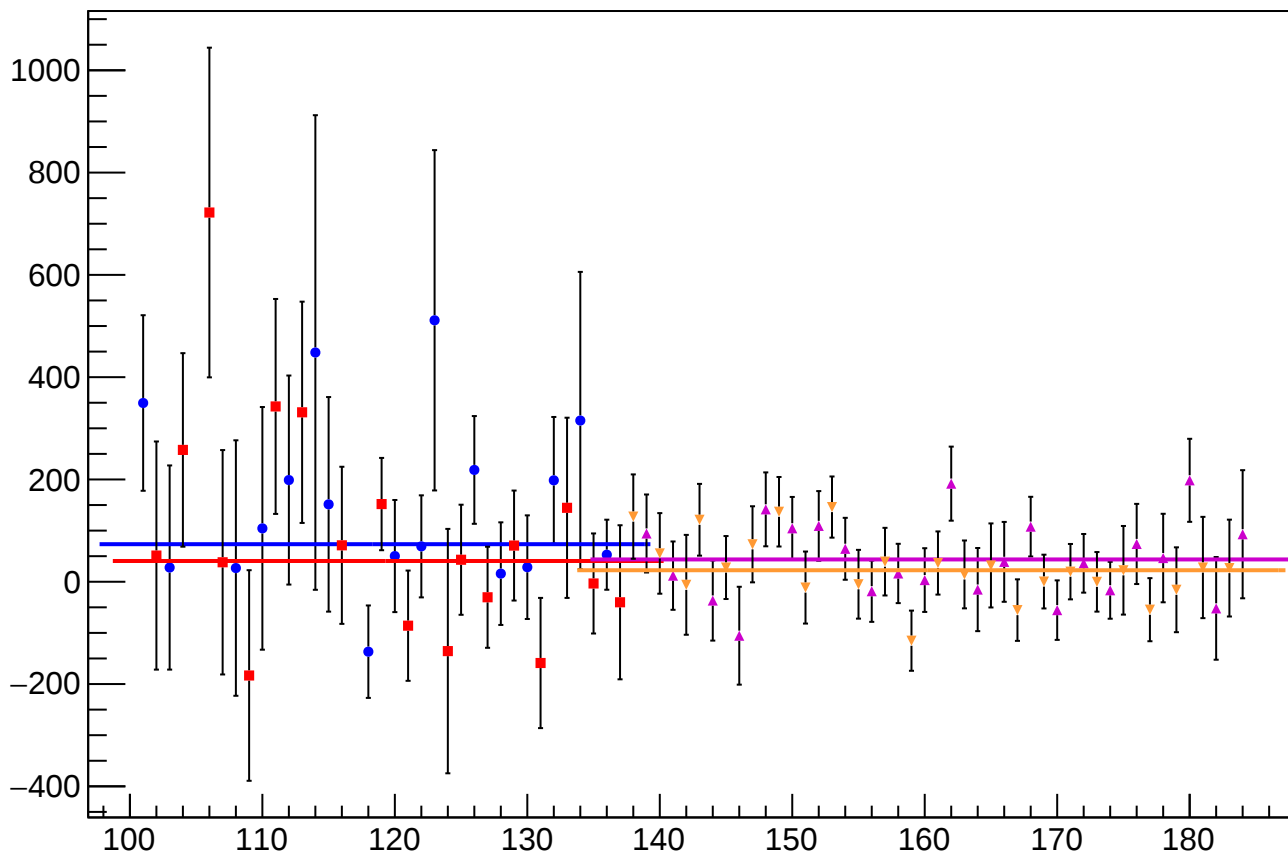
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Out: 791.041+/-0.133 χ^2/NDF :1094819.0/23

All: 788.133+/-0.095 χ^2/NDF : 2072719.0/46

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.519 $\pm$ 13.915 χ^2 /NDF:21.2/23

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 43.624 $\pm$ 14.461 χ^2 /NDF:24.6/22

Left: 32.666 $\pm$ 10.027 χ^2 /NDF: 47.0/46

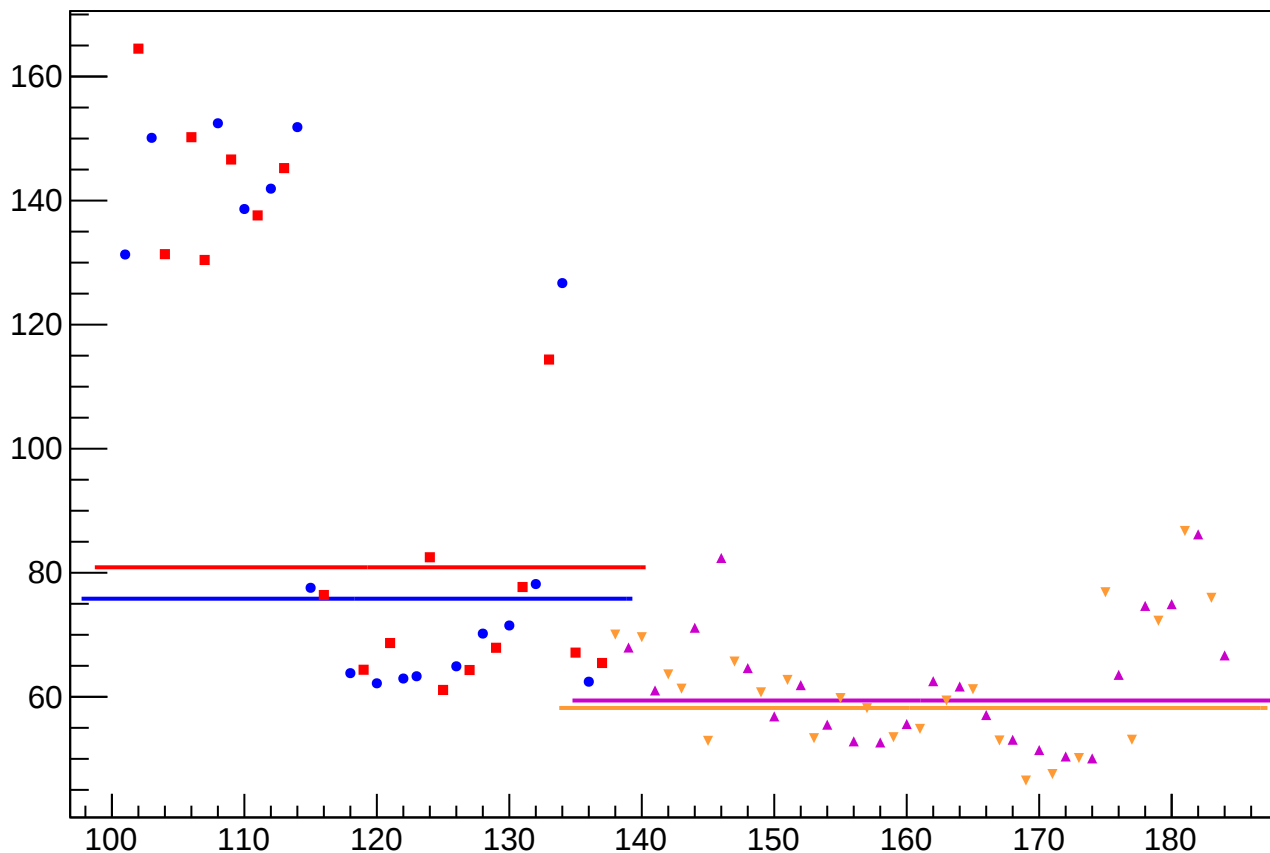
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 48.937 $\pm$ 13.110 χ^2 /NDF:40.6/39

Out: 25.284 $\pm$ 12.807 χ^2 /NDF:39.7/41

All: 36.834 $\pm$ 9.161 χ^2 /NDF: 82.0/81

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.206 $\pm$ 0.010 χ^2 /NDF: 806257.7/23

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 59.407 $\pm$ 0.010 χ^2 /NDF: 734143.0/22

Left: 58.783 $\pm$ 0.007 χ^2 /NDF: 1547555.4/46

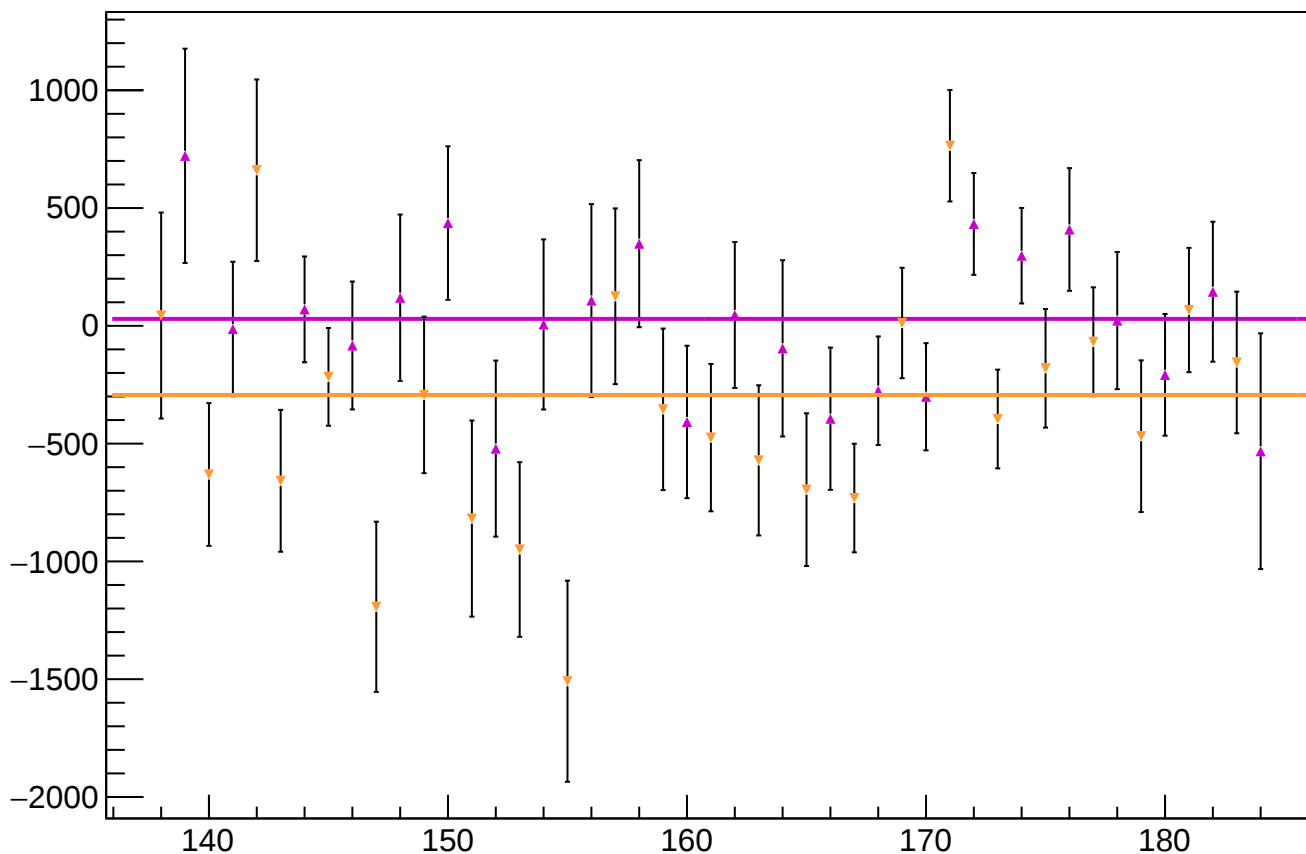
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 62.331 $\pm$ 0.009 χ^2 /NDF: 2543079.6/39

Out: 61.675 $\pm$ 0.009 χ^2 /NDF: 3144646.9/41

All: 61.995 $\pm$ 0.006 χ^2 /NDF: 5690286.9/81

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 29.526 $\pm$ 60.246 χ^2 /NDF:24.6/22

Left: -134.802 $\pm$ 42.242 χ^2 /NDF: 100.8/46

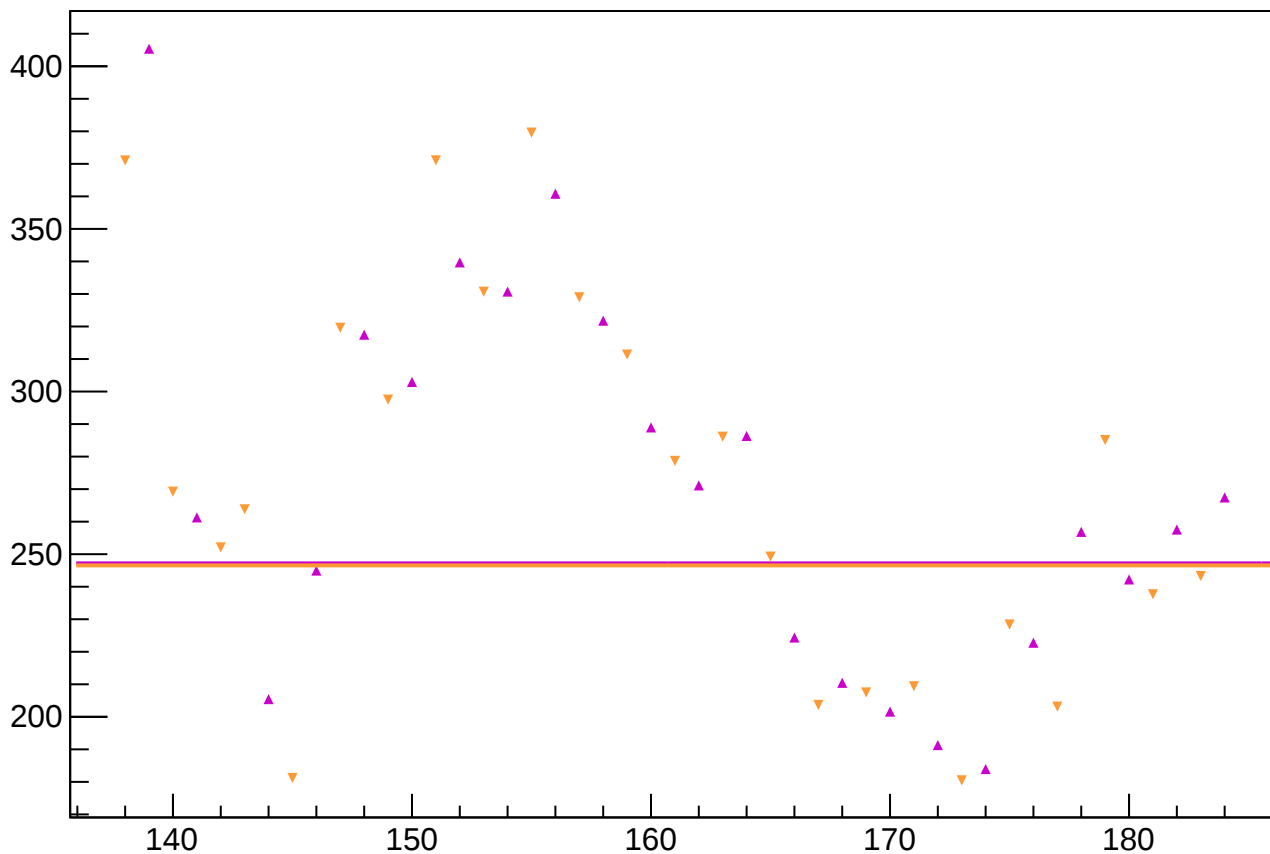
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 29.526 $\pm$ 60.246 χ^2 /NDF:24.6/22

Out: -293.720 $\pm$ 59.246 χ^2 /NDF:61.6/23

All: -134.802 $\pm$ 42.242 χ^2 /NDF: 100.8/46

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Left: 246.854+/-0.030 χ^2/NDF : 3180744.9/46

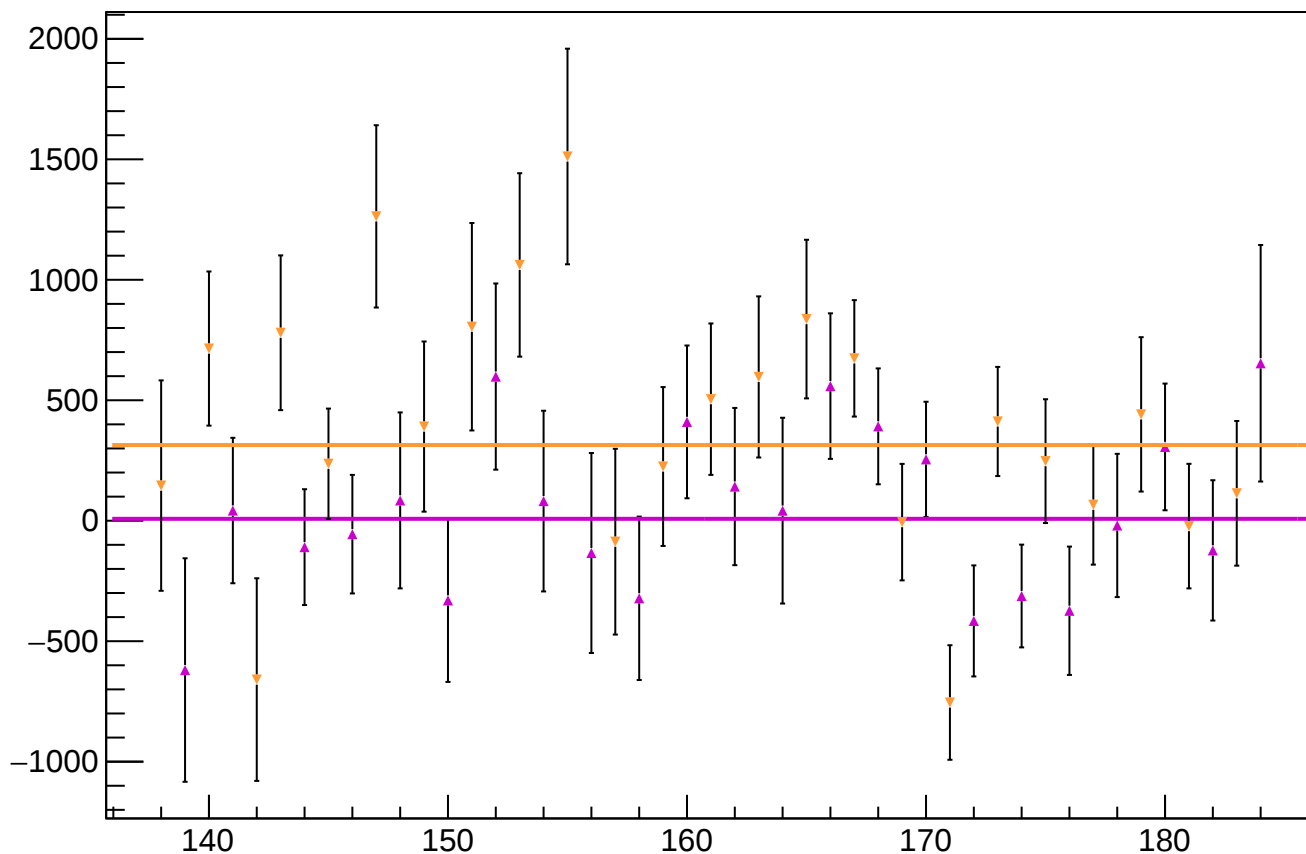
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Out: 246.553+/-0.042 χ^2/NDF :1690159.4/23

All: 246.854+/-0.030 χ^2/NDF : 3180744.9/46

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 314.159+/-61.487 χ^2/NDF :60.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.915+/-61.726 χ^2/NDF :26.3/22

Left: 161.629+/-43.562 χ^2/NDF : 99.1/46

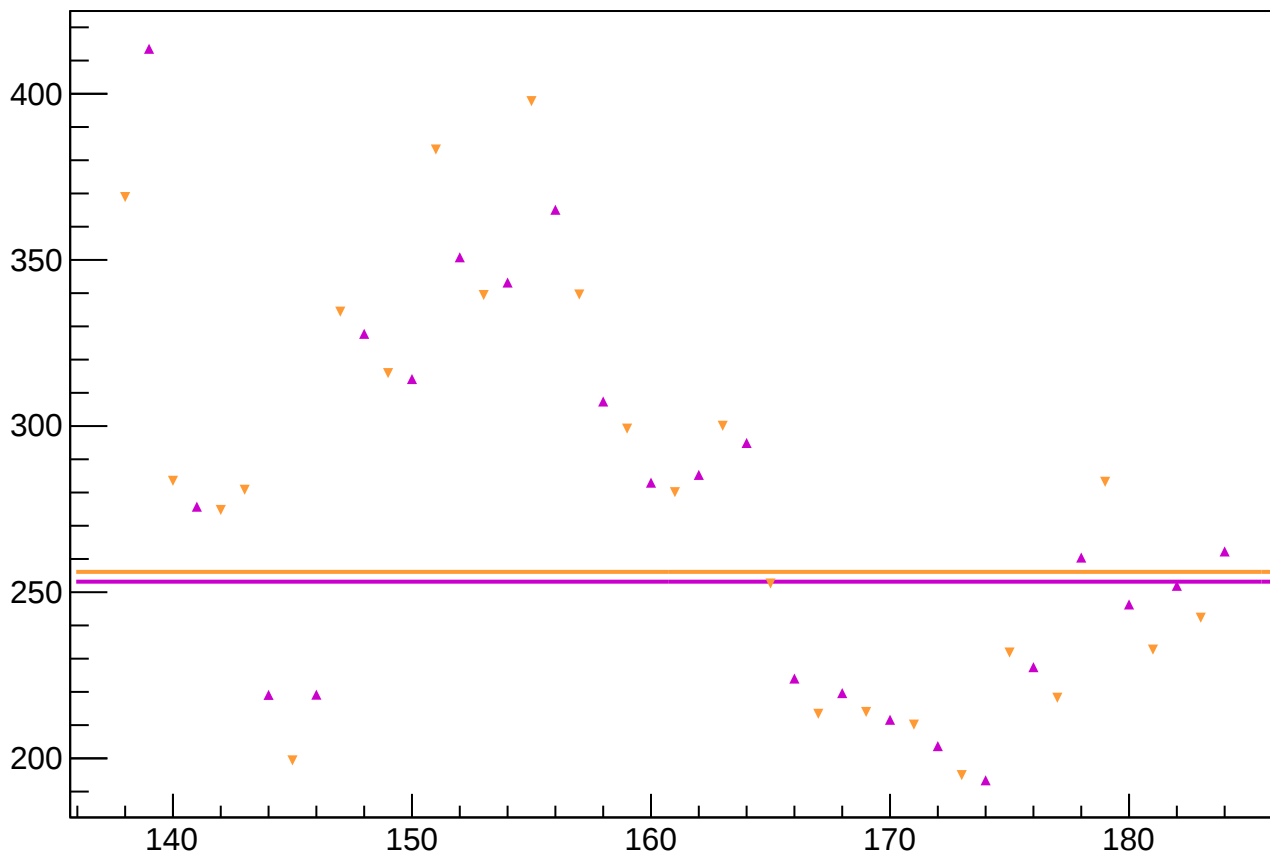
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.915+/-61.726 χ^2/NDF :26.3/22

Out: 314.159+/-61.487 χ^2/NDF :60.4/23

All: 161.629+/-43.562 χ^2/NDF : 99.1/46

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Left: 254.652+/-0.031 χ^2/NDF : 2886594.1/46

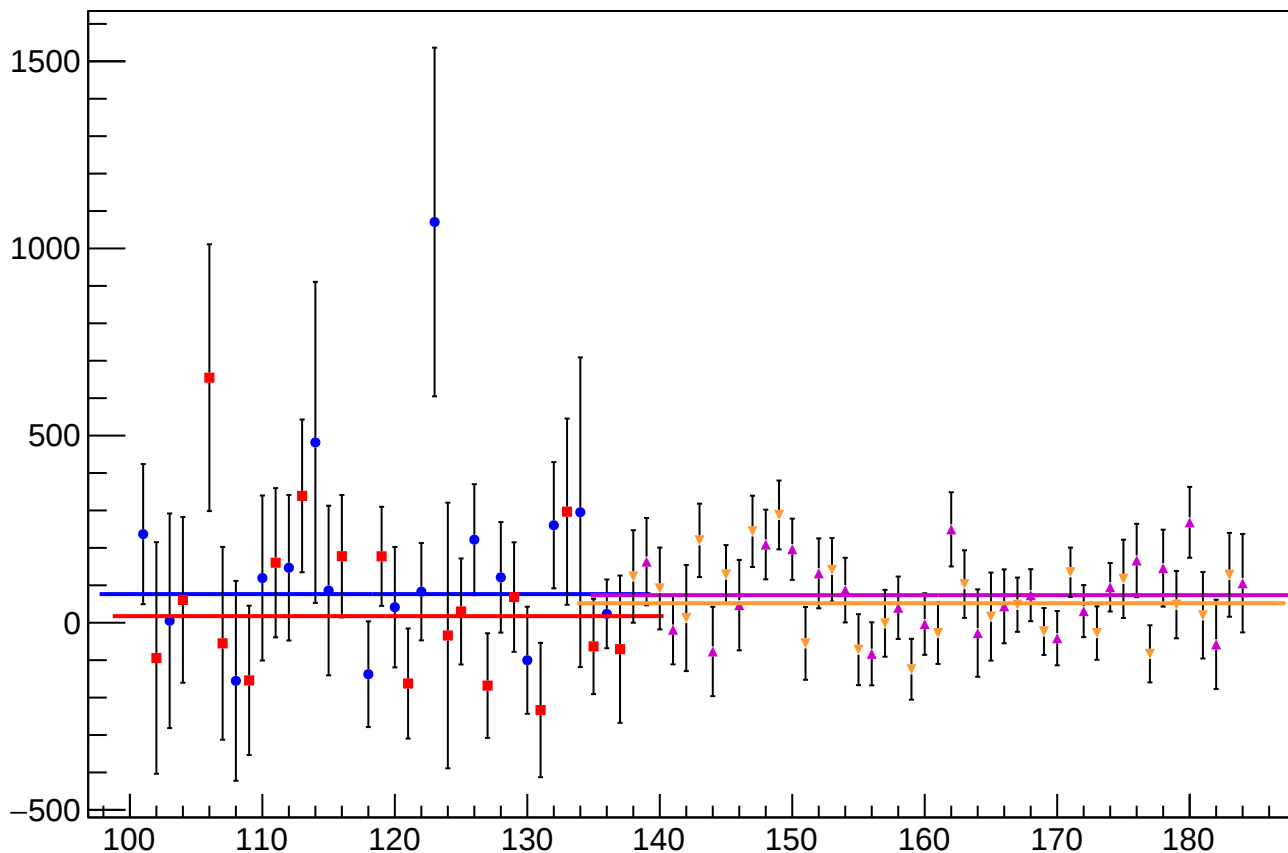
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Out: 256.122+/-0.043 χ^2/NDF :1517770.2/23

All: 254.652+/-0.031 χ^2/NDF : 2886594.1/46

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503 $\pm$ 41.558 χ^2 /NDF: 13.9/16

Left Out: 52.082 $\pm$ 18.020 χ^2 /NDF:33.9/23

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 73.724 $\pm$ 18.787 χ^2 /NDF:26.4/22

Left: 62.452 $\pm$ 13.005 χ^2 /NDF: 60.9/46

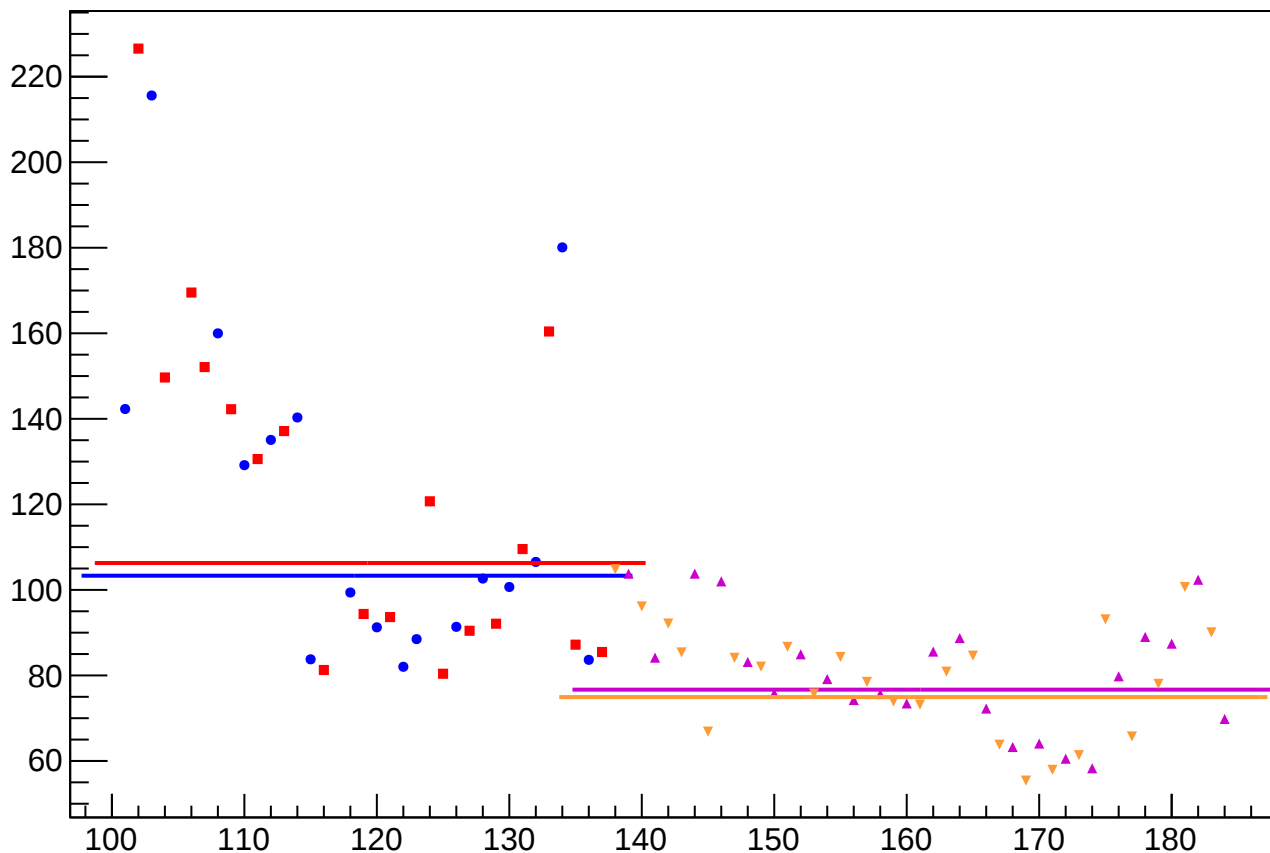
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 74.195 $\pm$ 17.119 χ^2 /NDF:40.3/39

Out: 46.786 $\pm$ 16.578 χ^2 /NDF:51.2/41

All: 60.050 $\pm$ 11.909 χ^2 /NDF: 92.8/81

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.940 $\pm$ 0.013 χ^2 /NDF: 1046127.8/23

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 76.673 $\pm$ 0.013 χ^2 /NDF: 944412.6/22

Left: 75.770 $\pm$ 0.009 χ^2 /NDF: 1999409.7/46

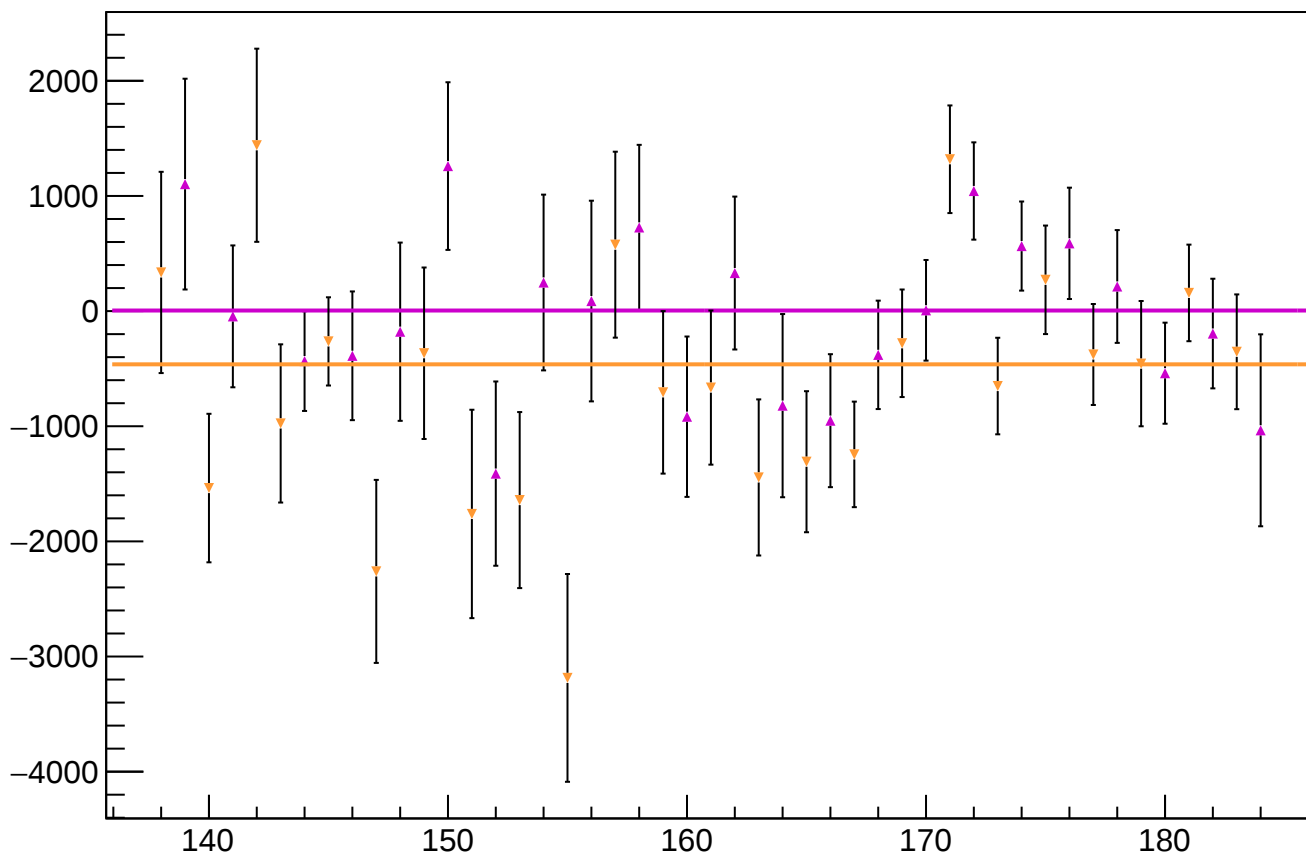
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 81.195 $\pm$ 0.012 χ^2 /NDF: 2464834.2/39

Out: 79.755 $\pm$ 0.012 χ^2 /NDF: 2976701.4/41

All: 80.452 $\pm$ 0.008 χ^2 /NDF: 5448831.0/81

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -462.286+/-115.753 χ^2/NDF :56.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.090+/-117.135 χ^2/NDF :29.8/22

Left: -231.372+/-82.334 χ^2/NDF : 94.5/46

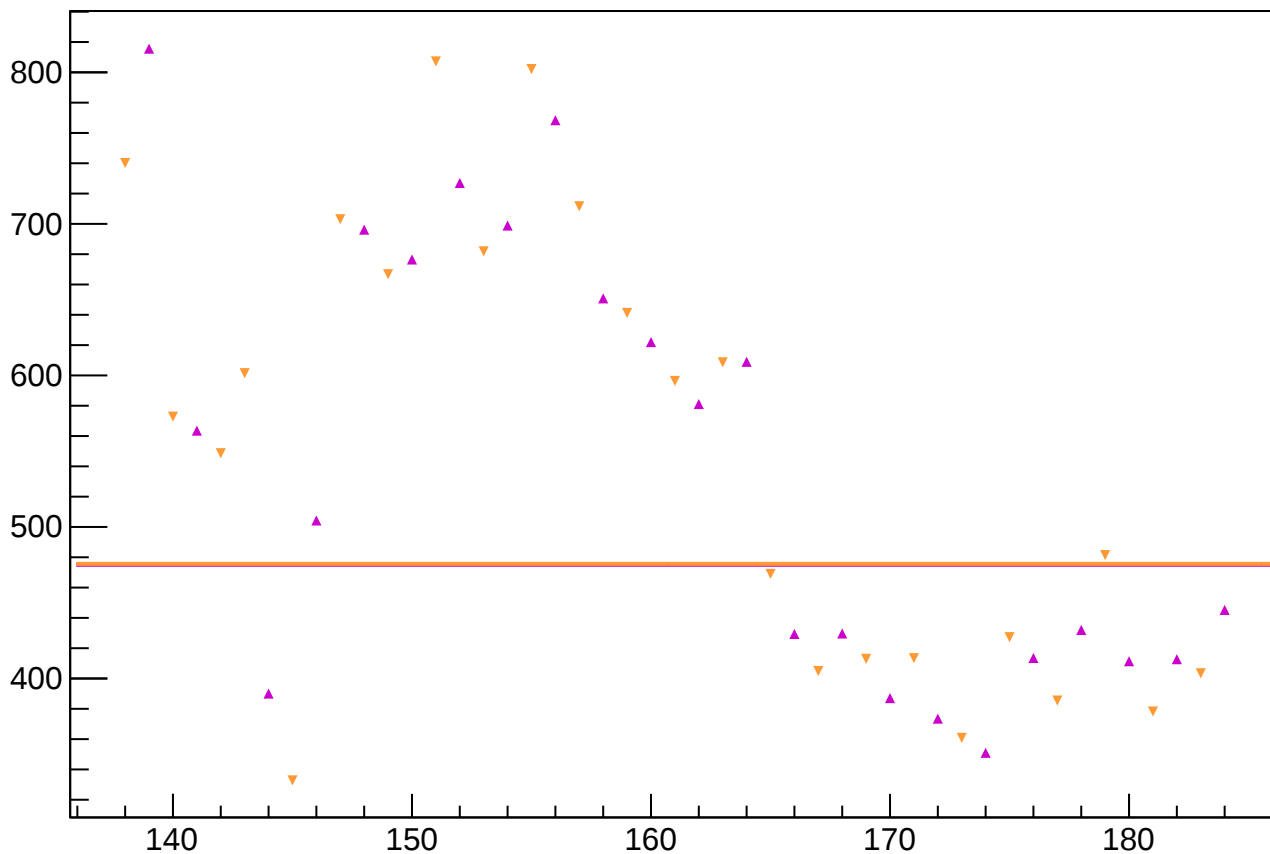
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.090+/-117.135 χ^2/NDF :29.8/22

Out: -462.286+/-115.753 χ^2/NDF :56.6/23

All: -231.372+/-82.334 χ^2/NDF : 94.5/46

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Left: 475.374+/-0.058 χ^2/NDF : 4699302.9/46

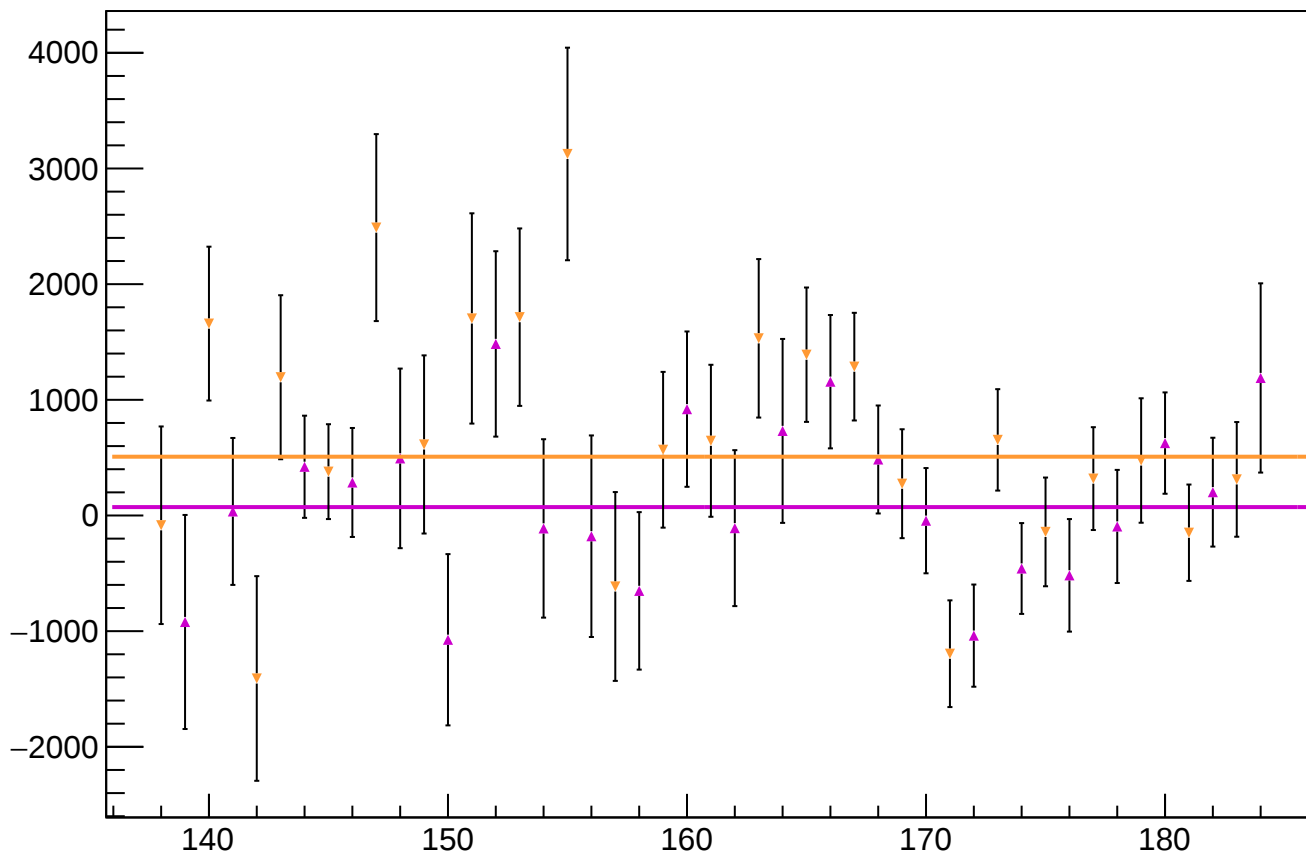
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Out: 475.681+/-0.082 χ^2/NDF :2508352.5/23

All: 475.374+/-0.058 χ^2/NDF : 4699302.9/46

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 508.262+/-116.897 χ^2/NDF :55.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 72.627+/-116.927 χ^2/NDF :29.1/22

Left: 290.501+/-82.669 χ^2/NDF : 91.6/46

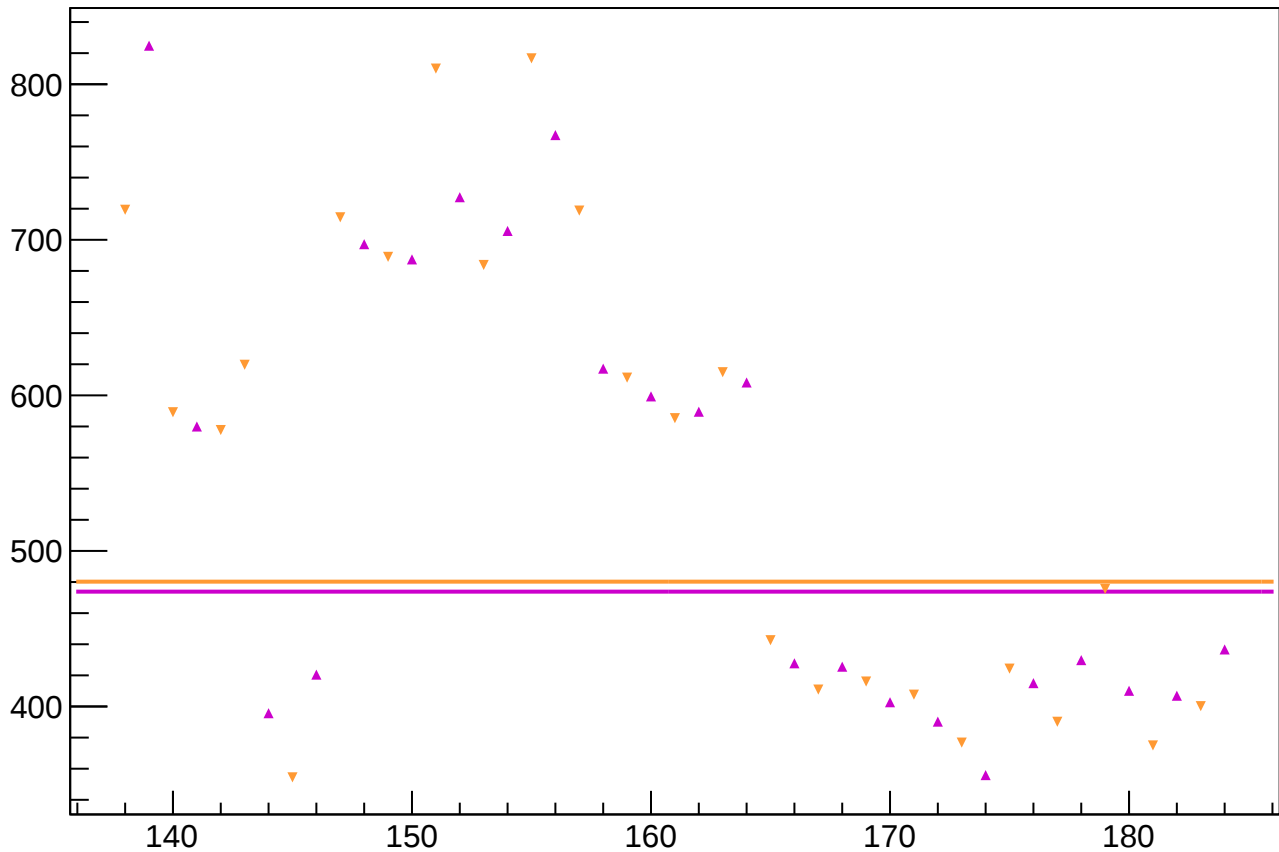
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.627+/-116.927 χ^2/NDF :29.1/22

Out: 508.262+/-116.897 χ^2/NDF :55.6/23

All: 290.501+/-82.669 χ^2/NDF : 91.6/46

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 480.251+/-0.083 χ^2/NDF : 2404069.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

Left: 477.038+/-0.058 χ^2/NDF : 4520845.5/46

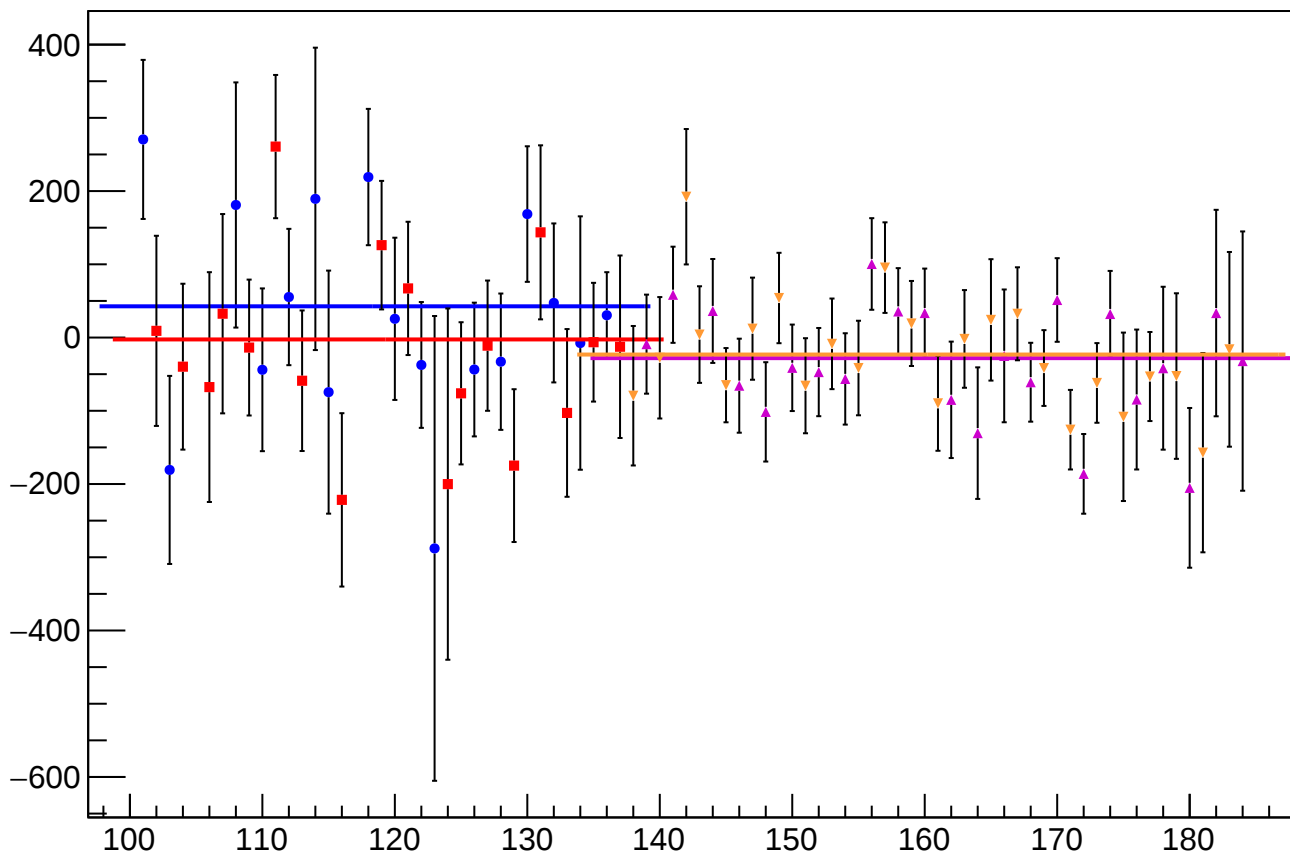
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.824+/-0.083 χ^2/NDF : 2113753.1/22

Out: 480.251+/-0.083 χ^2/NDF : 2404069.9/23

All: 477.038+/-0.058 χ^2/NDF : 4520845.5/46

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -23.203 $\pm$ 13.869 χ^2 /NDF:21.5/23

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -28.117 $\pm$ 14.462 χ^2 /NDF:27.7/22

Left: -25.557 $\pm$ 10.010 χ^2 /NDF: 49.3/46

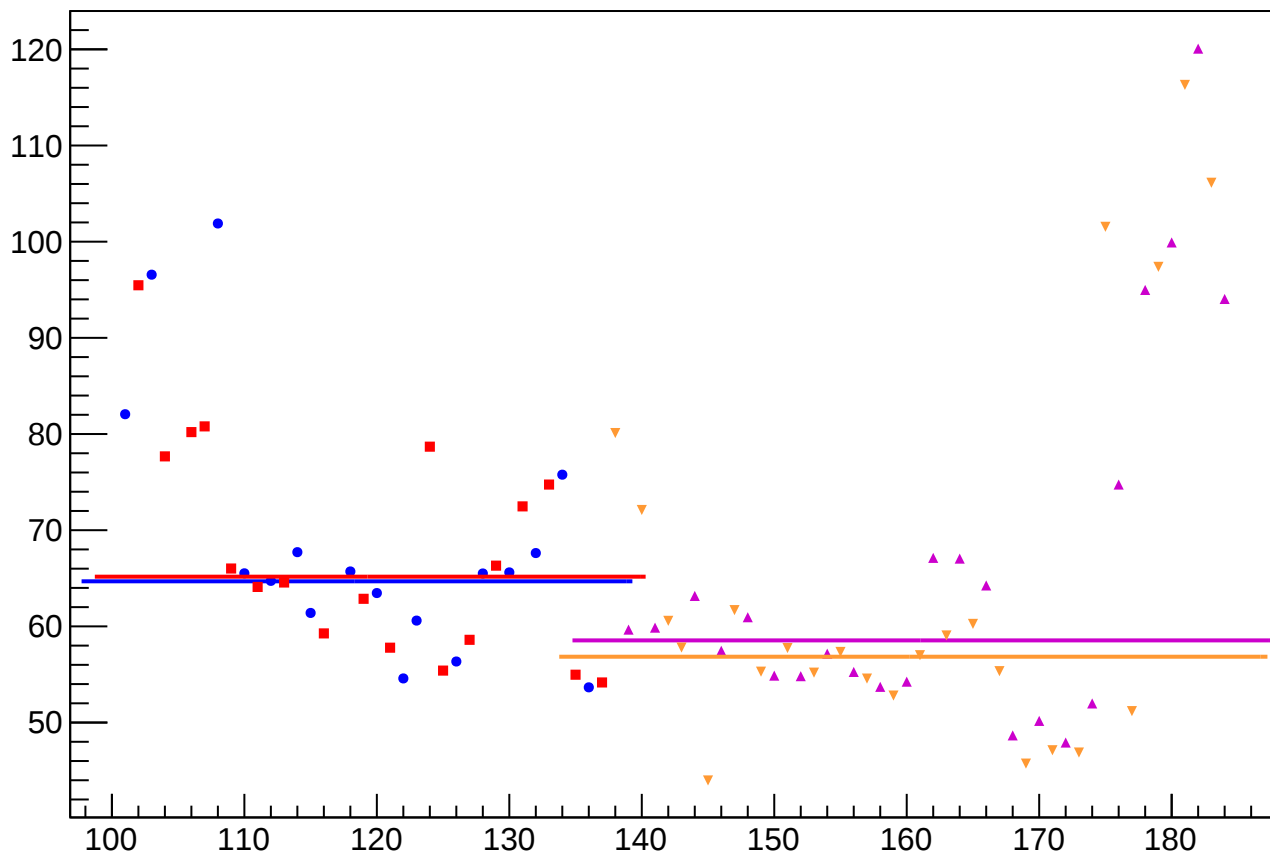
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: -10.879 $\pm$ 12.578 χ^2 /NDF:52.4/39

Out: -18.375 $\pm$ 12.137 χ^2 /NDF:42.5/41

All: -14.761 $\pm$ 8.734 χ^2 /NDF: 95.1/81

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.845 $\pm$ 0.010 χ^2 /NDF:1808458.2/23

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.542 $\pm$ 0.010 χ^2 /NDF:1340216.9/22

Left: 57.658 $\pm$ 0.007 χ^2 /NDF: 3163034.2/46

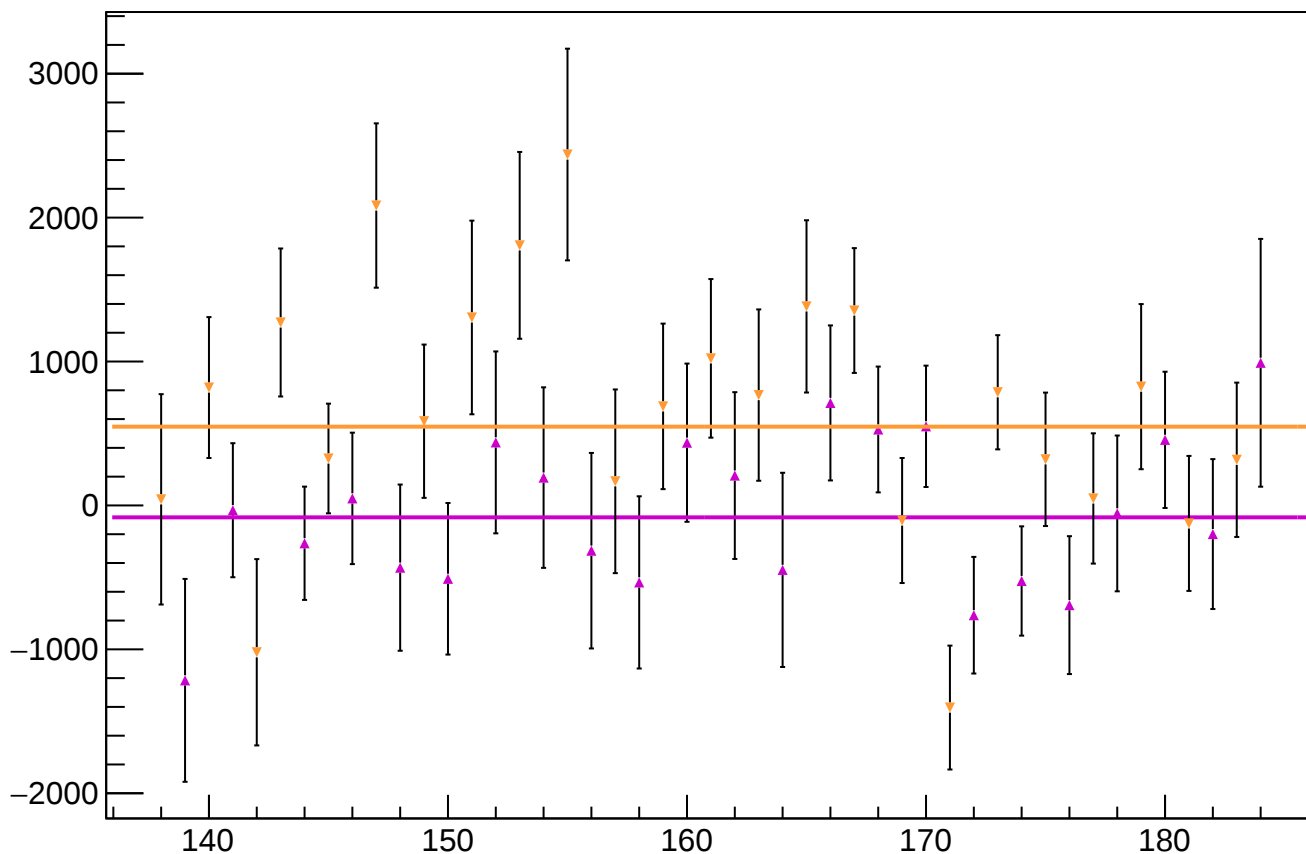
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.039 $\pm$ 0.009 χ^2 /NDF:1828303.7/39

Out: 58.793 $\pm$ 0.009 χ^2 /NDF:2281628.4/41

All: 59.393 $\pm$ 0.006 χ^2 /NDF: 4120096.6/81

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 547.268 $\pm$ 105.721 χ^2 /NDF:61.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -82.880 $\pm$ 106.864 χ^2 /NDF:22.0/22

Left: 235.582 $\pm$ 75.157 χ^2 /NDF: 101.2/46

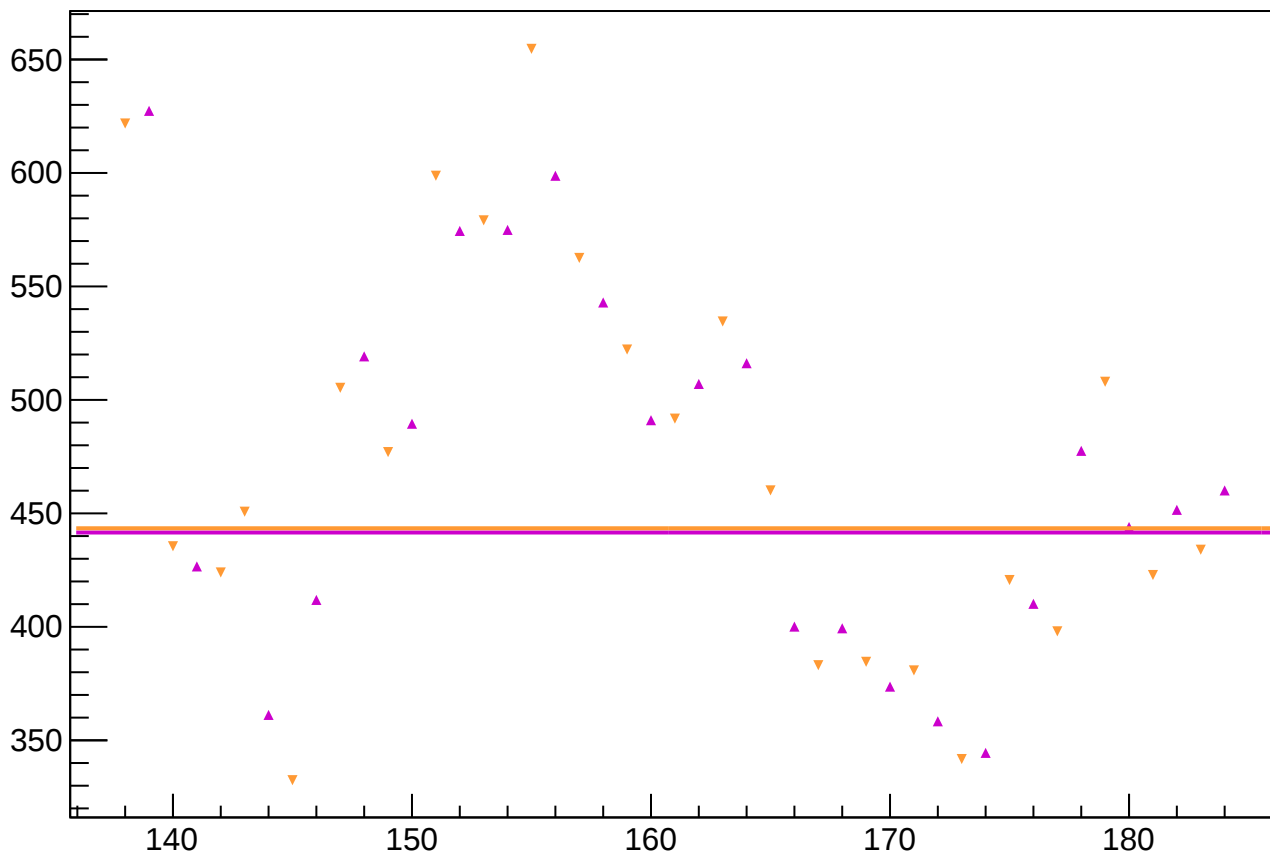
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -82.880 $\pm$ 106.864 χ^2 /NDF:22.0/22

Out: 547.268 $\pm$ 105.721 χ^2 /NDF:61.7/23

All: 235.582 $\pm$ 75.157 χ^2 /NDF: 101.2/46

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Left: 442.516+/-0.053 χ^2/NDF : 2168760.4/46

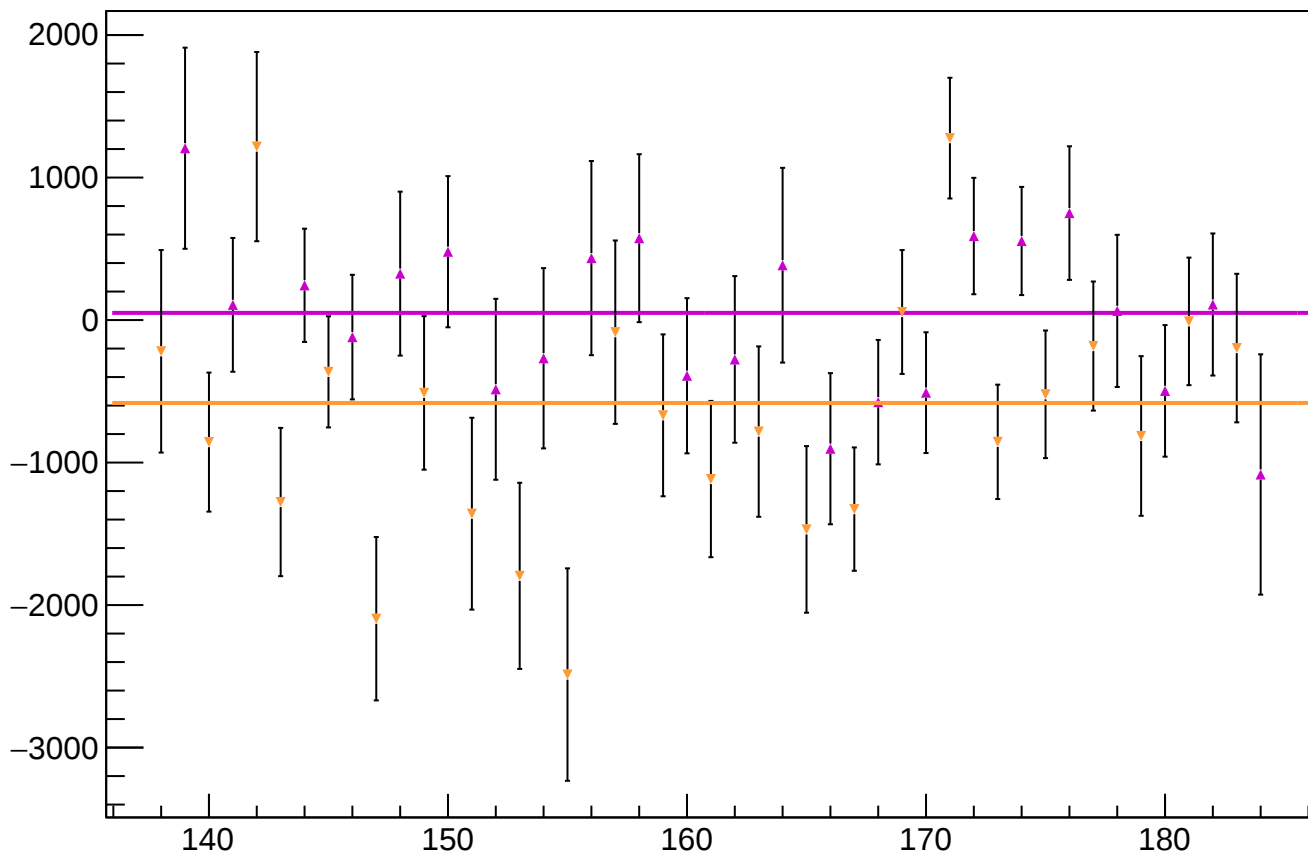
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Out: 443.441+/-0.075 χ^2/NDF :1156813.8/23

All: 442.516+/-0.053 χ^2/NDF : 2168760.4/46

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

Left: -268.516 $\pm$ 74.766 χ^2 /NDF: 101.4/46

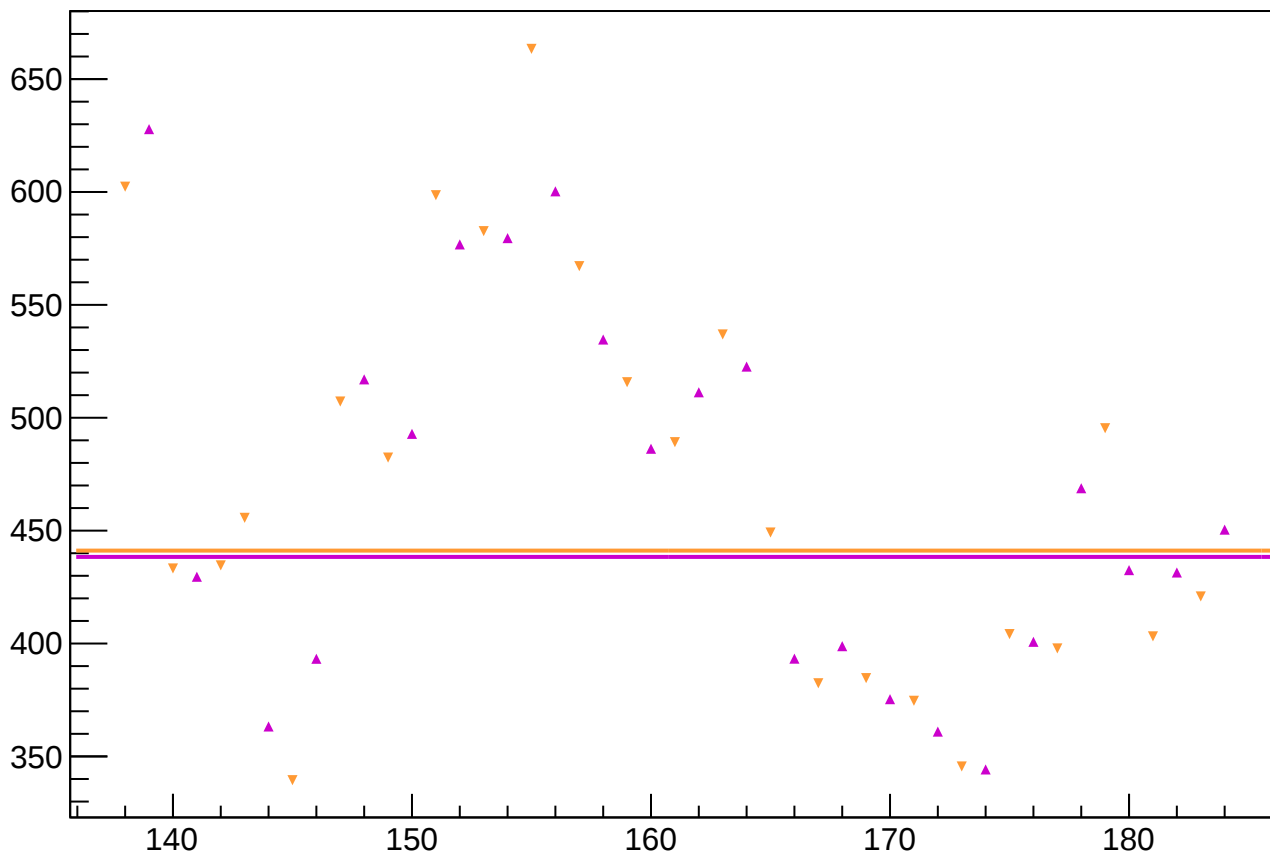
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 50.387 $\pm$ 106.218 χ^2 /NDF:23.3/22

Out: -581.685 $\pm$ 105.259 χ^2 /NDF:60.3/23

All: -268.516 $\pm$ 74.766 χ^2 /NDF: 101.4/46

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Left: 439.774+/-0.053 χ^2/NDF : 2165460.9/46

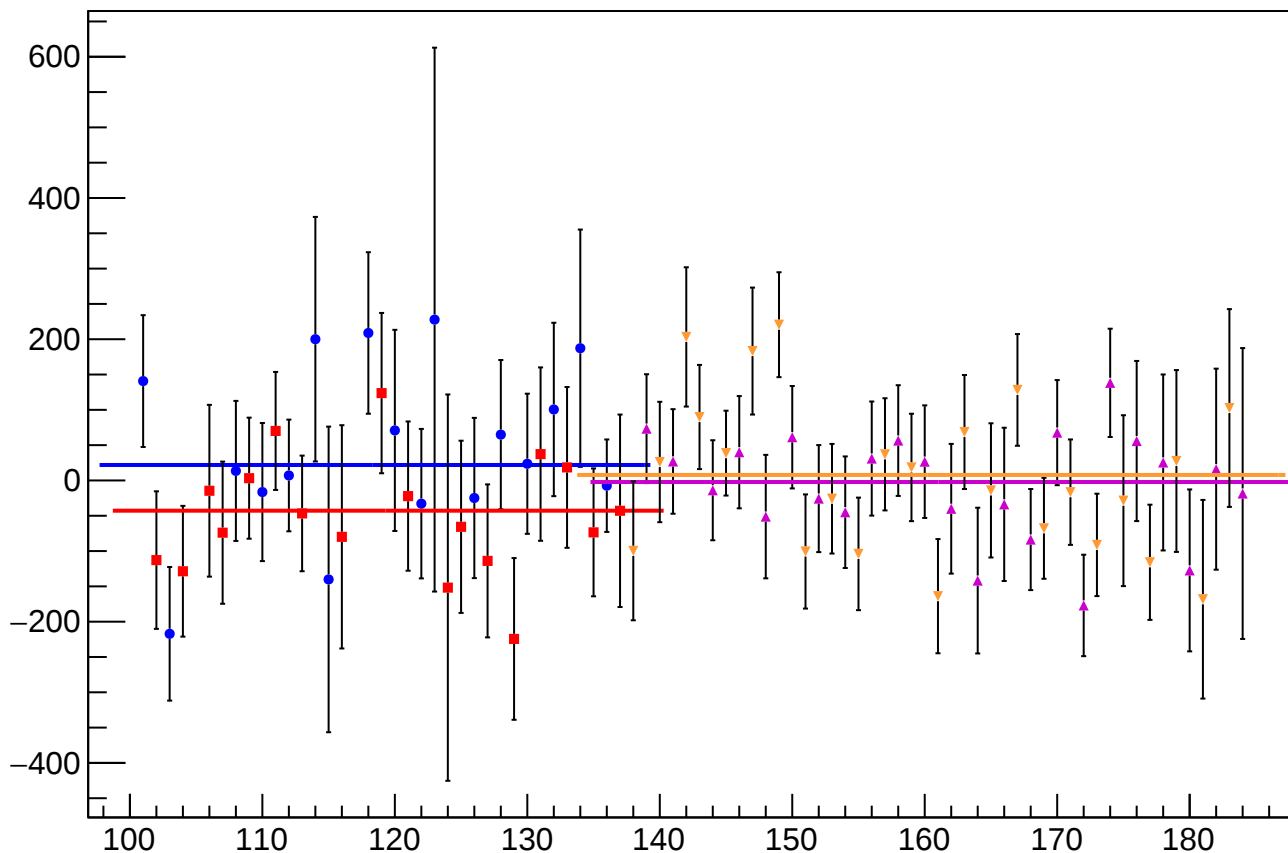
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Out: 441.157+/-0.074 χ^2/NDF :1140102.4/23

All: 439.774+/-0.053 χ^2/NDF : 2165460.9/46

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 ± 26.055 χ^2/NDF : 15.1/16

Left Out: 7.807 ± 17.049 χ^2/NDF : 37.8/23

Right Out: -42.817 ± 25.116 χ^2/NDF : 9.9/17

Left In: -2.213 ± 17.775 χ^2/NDF : 18.8/22

Left: 3.005 ± 12.304 χ^2/NDF : 56.8/46

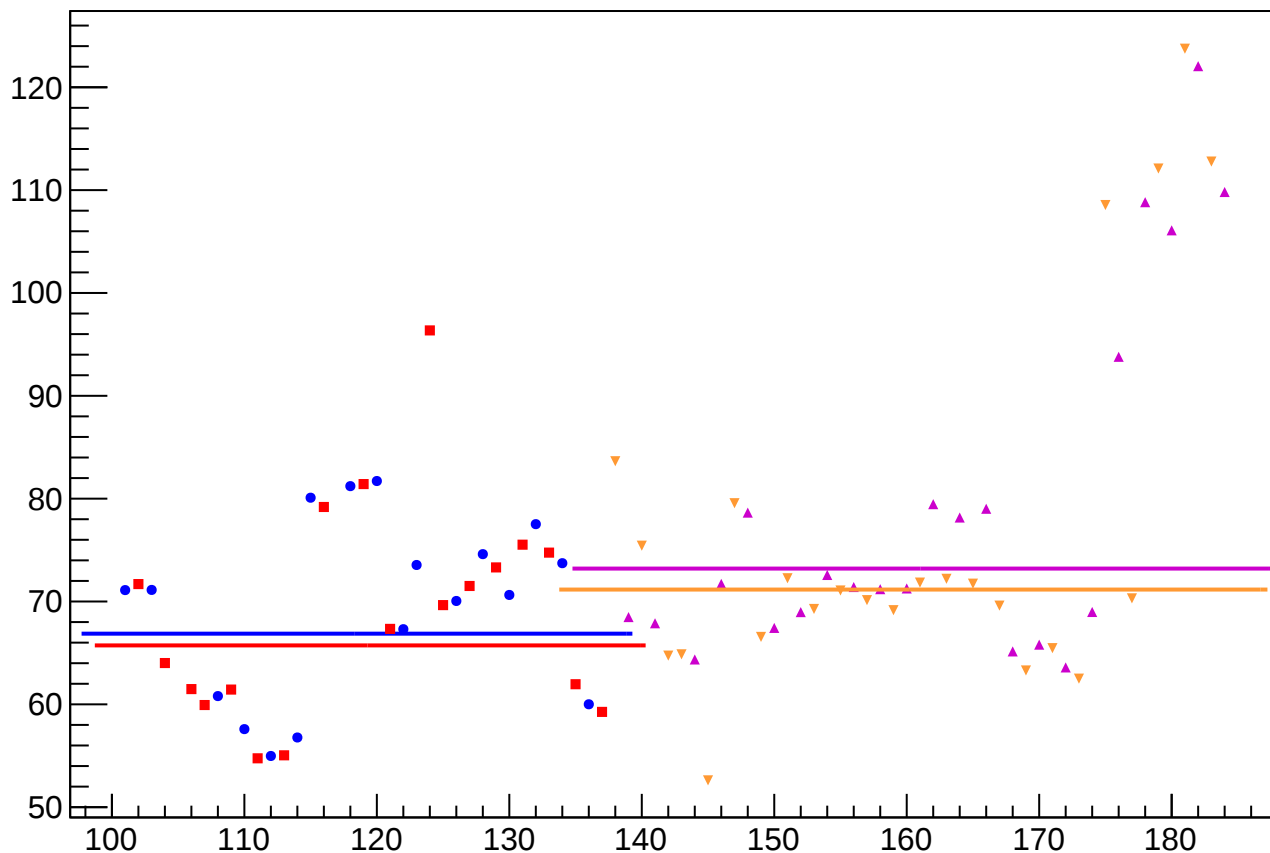
Right: -11.642 ± 18.082 χ^2/NDF : 28.1/34

In: 5.447 ± 14.683 χ^2/NDF : 34.5/39

Out: -8.162 ± 14.106 χ^2/NDF : 50.4/41

All: -1.630 ± 10.172 χ^2/NDF : 85.3/81

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 71.161 $\pm$ 0.012 χ^2/NDF : 1194674.5/23

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 73.201 $\pm$ 0.013 χ^2/NDF : 879338.5/22

Left: 72.139 $\pm$ 0.009 χ^2/NDF : 2087733.1/46

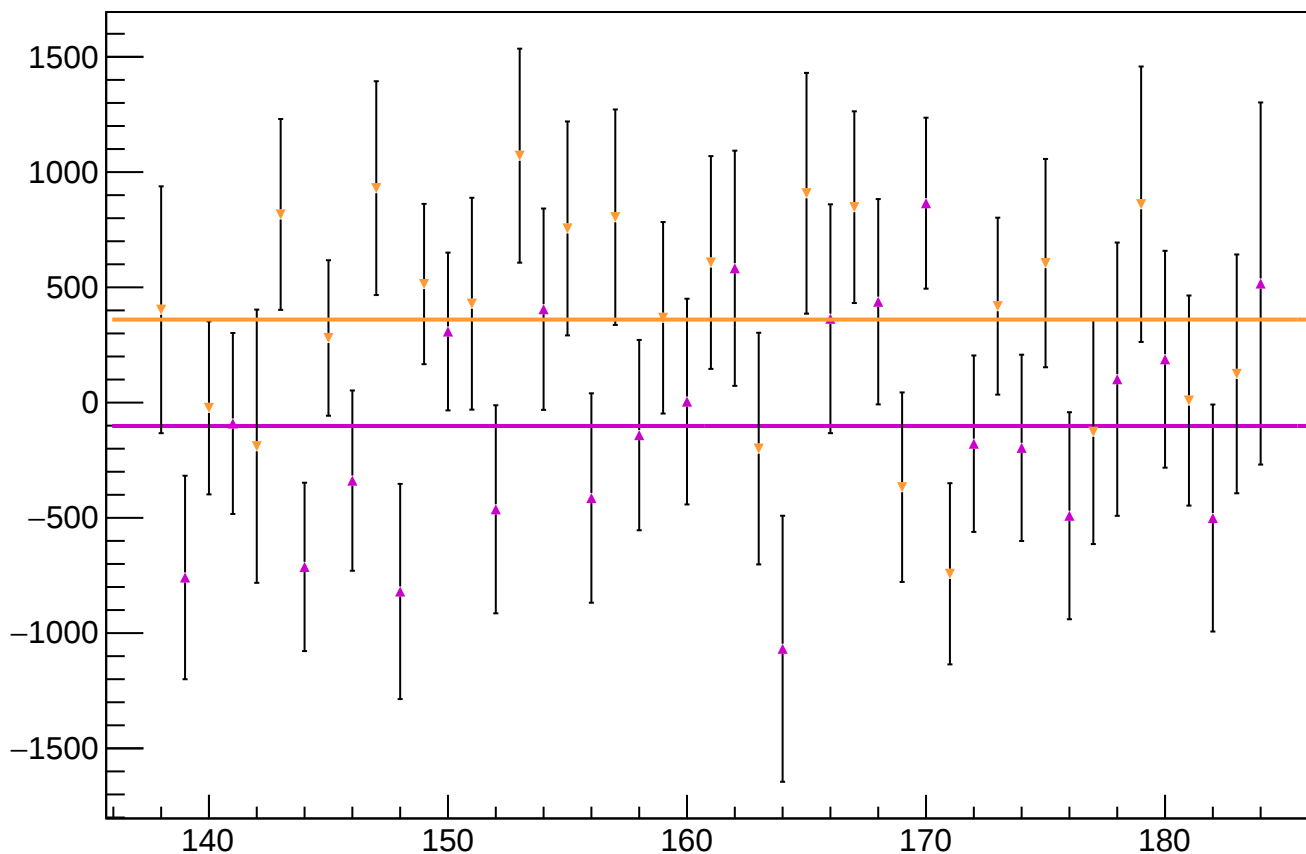
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 71.191 $\pm$ 0.010 χ^2/NDF : 1162386.4/39

Out: 69.448 $\pm$ 0.010 χ^2/NDF : 1477550.3/41

All: 70.285 $\pm$ 0.007 χ^2/NDF : 2654592.4/81

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 360.194 $\pm$ 90.130 χ^2 /NDF:26.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -101.465 $\pm$ 91.704 χ^2 /NDF:28.1/22

Left: 133.362 $\pm$ 64.281 χ^2 /NDF: 67.7/46

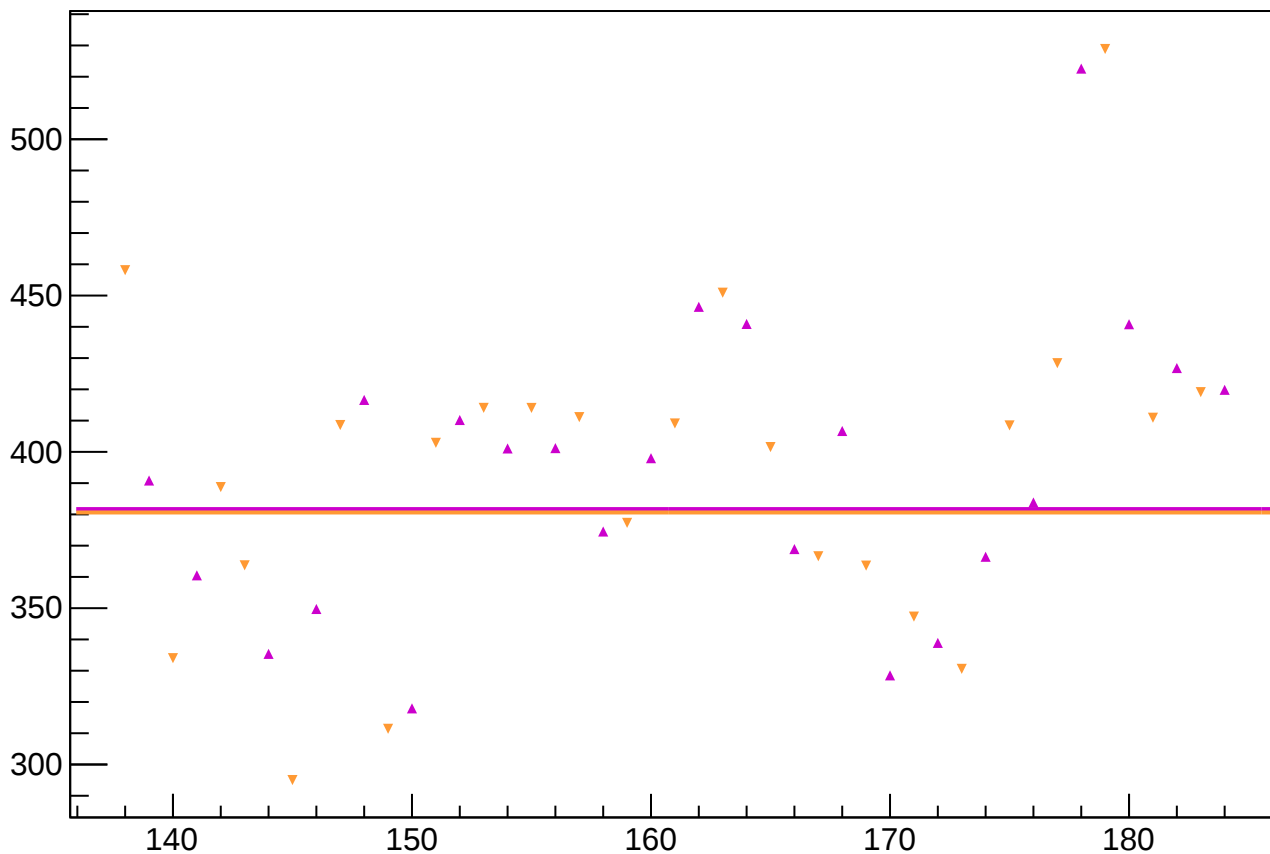
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -101.465 $\pm$ 91.704 χ^2 /NDF:28.1/22

Out: 360.194 $\pm$ 90.130 χ^2 /NDF:26.7/23

All: 133.362 $\pm$ 64.281 χ^2 /NDF: 67.7/46

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Left: 381.148+/-0.045 χ^2/NDF : 1047414.1/46

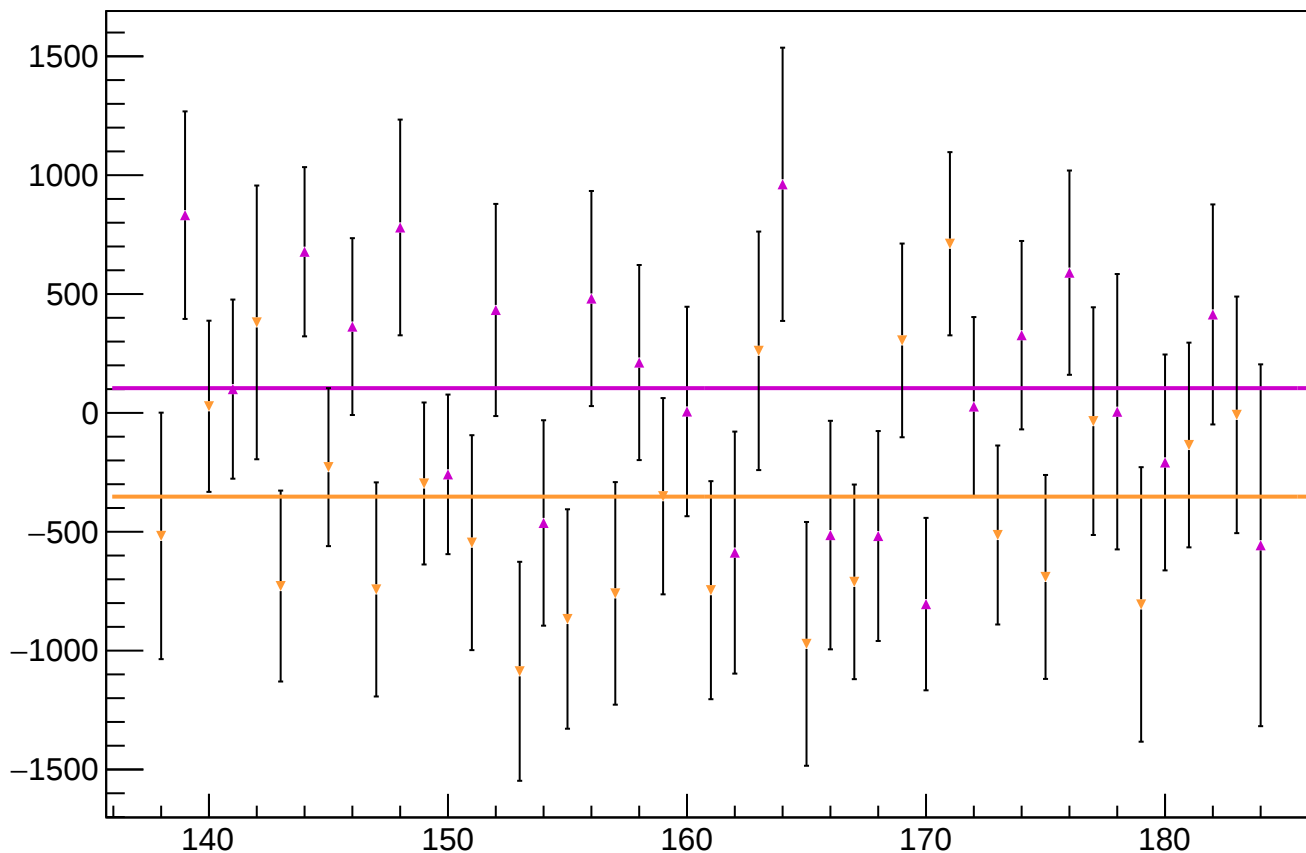
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Out: 380.615+/-0.064 χ^2/NDF : 599606.7/23

All: 381.148+/-0.045 χ^2/NDF : 1047414.1/46

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -352.213+/-88.207 χ^2/NDF :26.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 104.117+/-89.613 χ^2/NDF :29.7/22

Left: -127.656+/-62.863 χ^2/NDF : 69.5/46

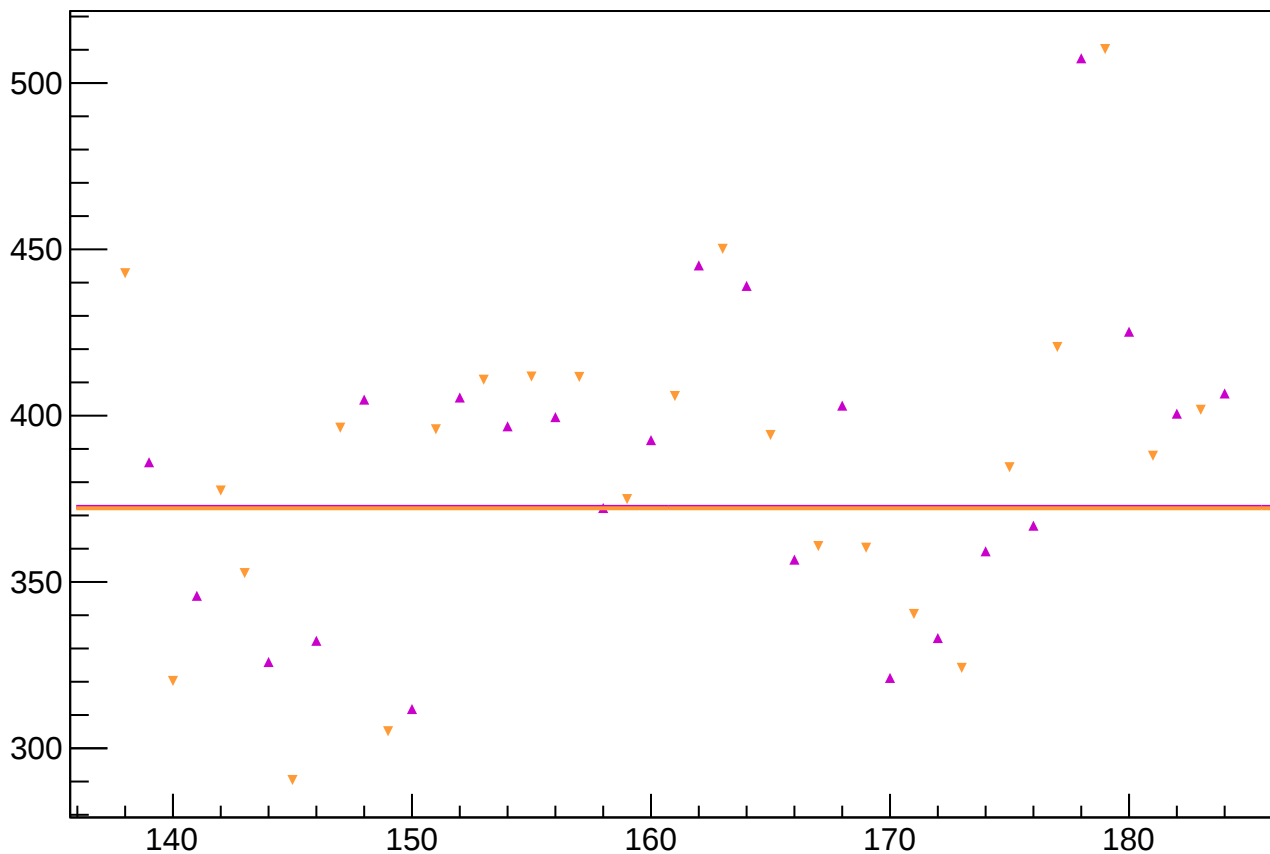
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.117+/-89.613 χ^2/NDF :29.7/22

Out: -352.213+/-88.207 χ^2/NDF :26.6/23

All: -127.656+/-62.863 χ^2/NDF : 69.5/46

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

Left: 372.363+/-0.044 χ^2/NDF : 1059250.7/46

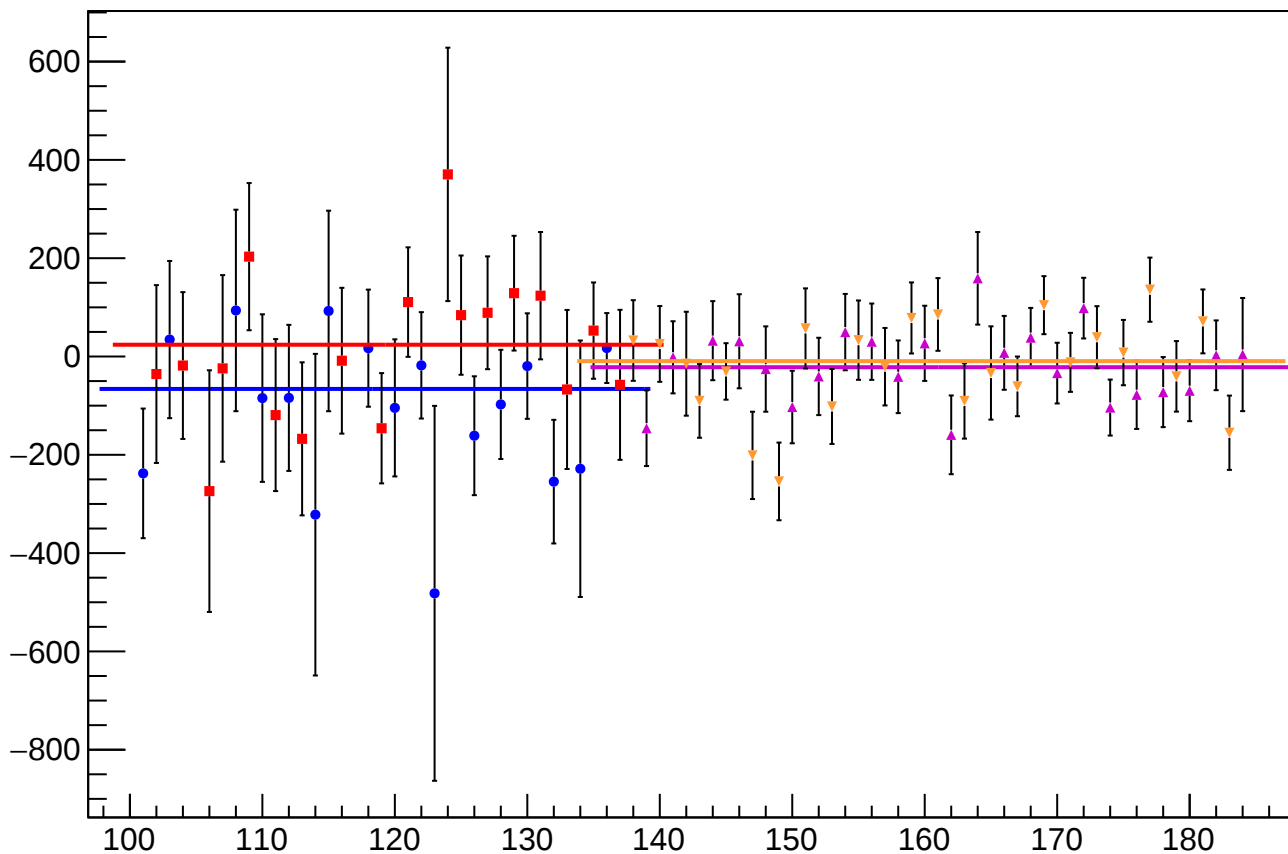
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.574+/-0.063 χ^2/NDF : 464397.2/22

Out: 372.158+/-0.062 χ^2/NDF : 594831.5/23

All: 372.363+/-0.044 χ^2/NDF : 1059250.7/46

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -9.418 ± 14.713 χ^2/NDF : 38.3/23

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -21.775 ± 15.300 χ^2/NDF : 22.1/22

Left: -15.355 ± 10.605 χ^2/NDF : 60.7/46

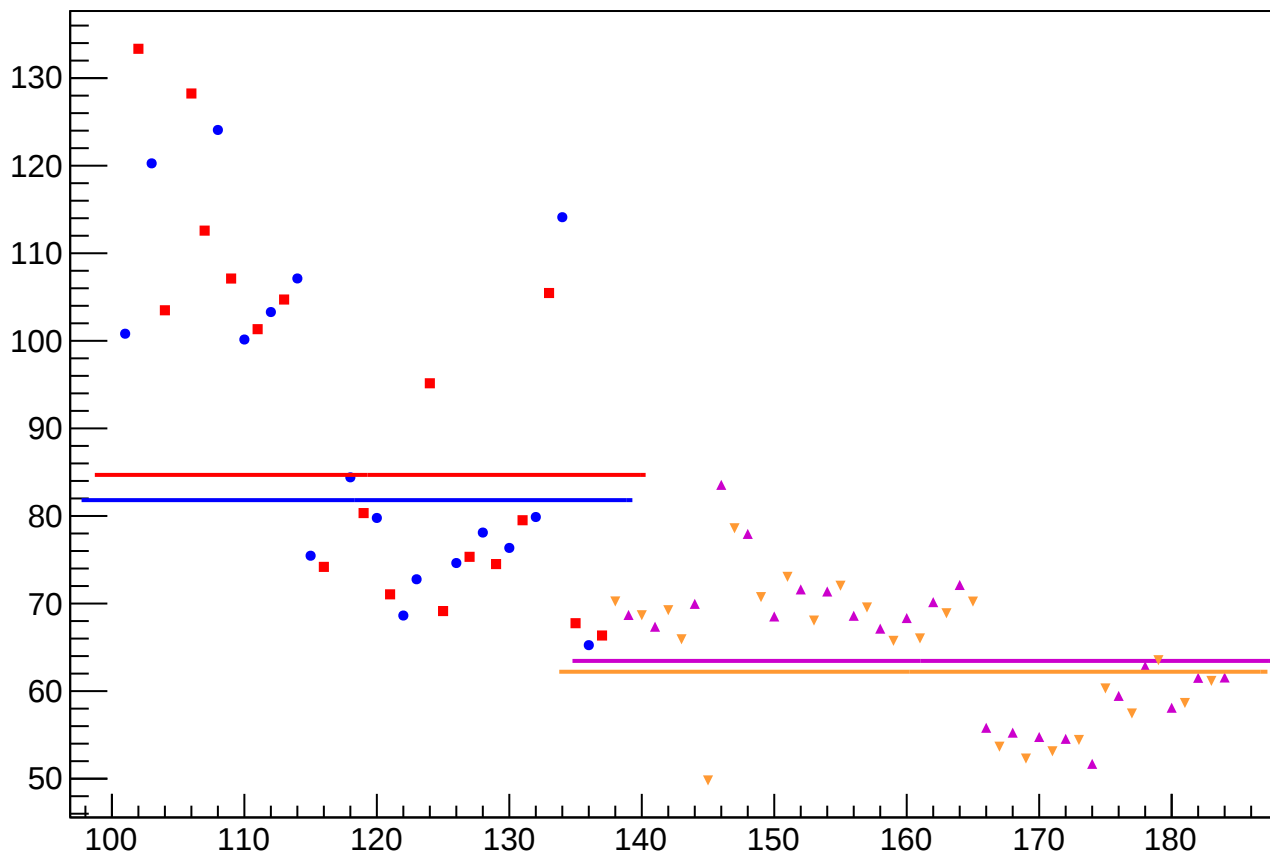
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -29.879 ± 13.826 χ^2/NDF : 34.4/39

Out: -3.820 ± 13.424 χ^2/NDF : 52.1/41

All: -16.465 ± 9.631 χ^2/NDF : 88.3/81

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.213+/-0.010 χ^2/NDF : 556789.0/23

Right Out: 84.691+/-0.023 χ^2/NDF : 615927.4/17

Left In: 63.450+/-0.011 χ^2/NDF : 524286.3/22

Left: 62.807+/-0.007 χ^2/NDF : 1087866.2/46

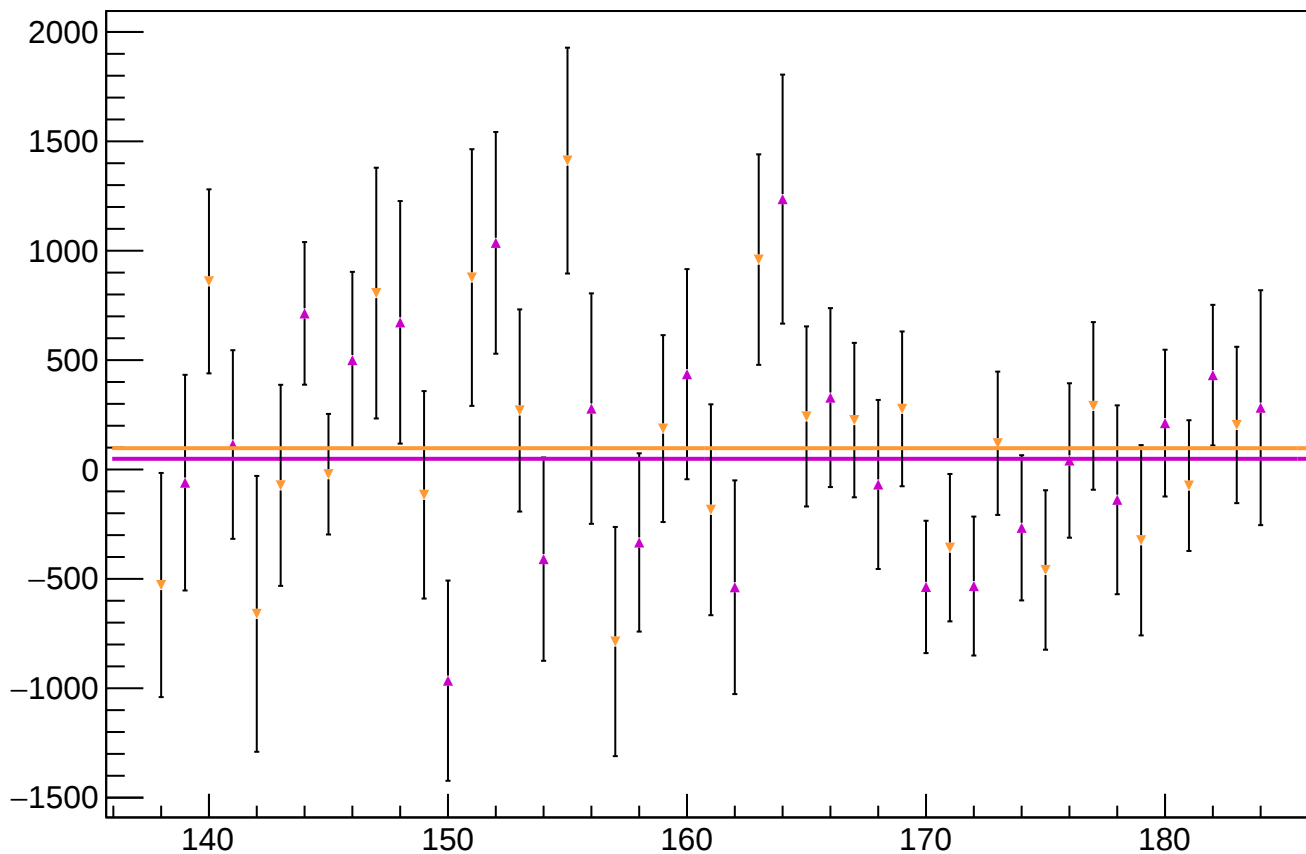
Right: 83.228+/-0.016 χ^2/NDF : 1130968.2/34

In: 66.816+/-0.010 χ^2/NDF : 1559488.3/39

Out: 65.980+/-0.009 χ^2/NDF : 1955045.7/41

All: 66.386+/-0.007 χ^2/NDF : 3518294.2/81

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 48.861 $\pm$ 84.251 χ^2 /NDF:34.5/22

Left: 73.472 $\pm$ 59.126 χ^2 /NDF: 64.1/46

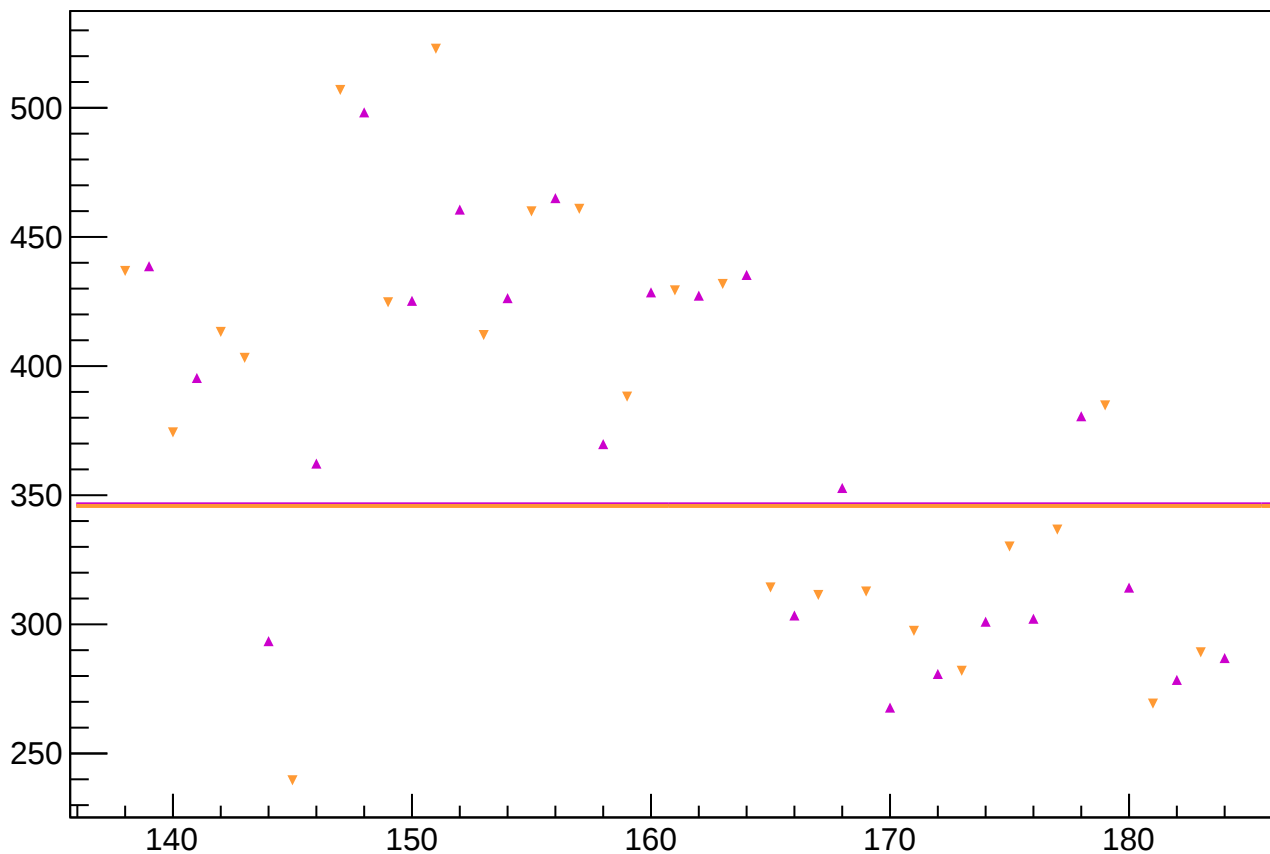
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 48.861 $\pm$ 84.251 χ^2 /NDF:34.5/22

Out: 97.357 $\pm$ 82.998 χ^2 /NDF:29.4/23

All: 73.472 $\pm$ 59.126 χ^2 /NDF: 64.1/46

asym_sam_15_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Left: 346.152+/-0.042 χ^2/NDF : 2813973.0/46

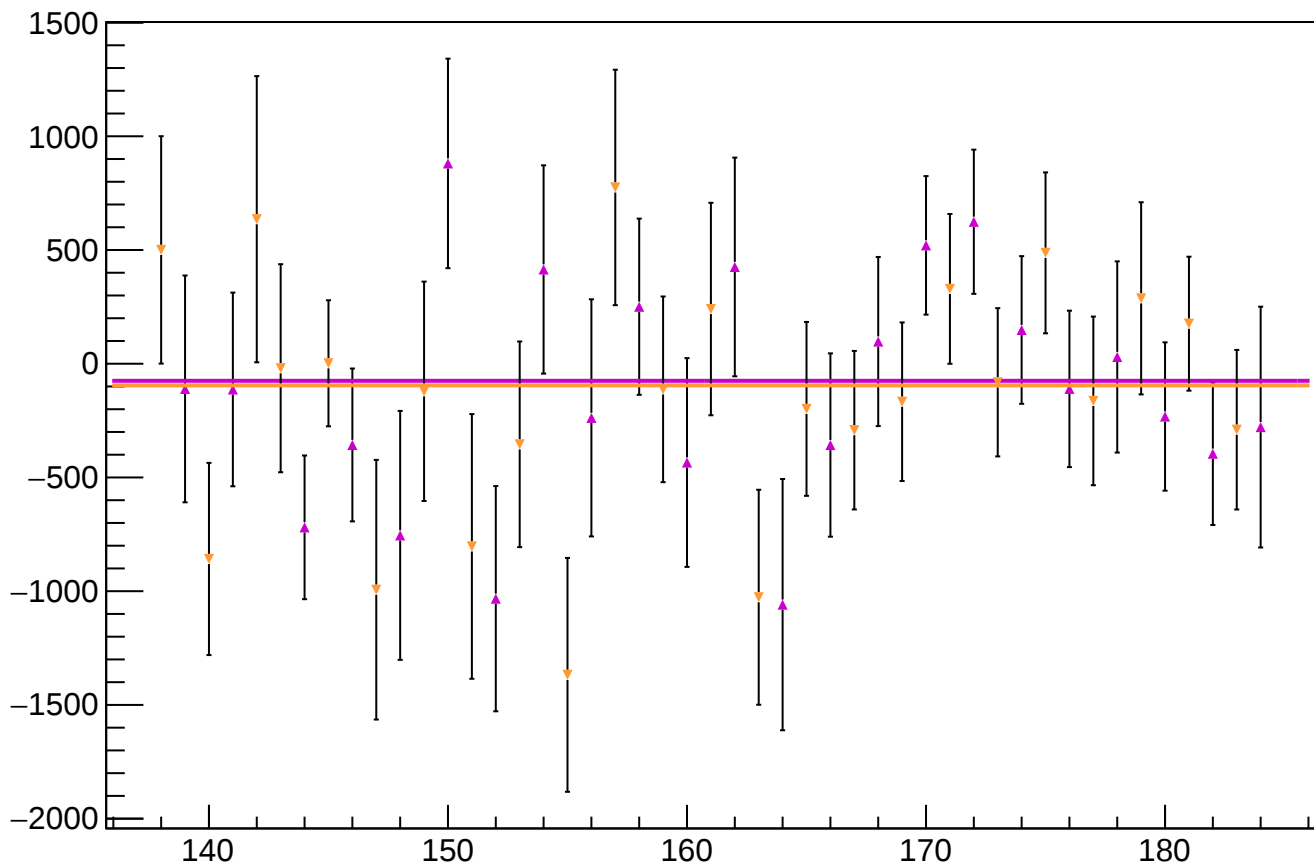
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Out: 345.848+/-0.059 χ^2/NDF :1565232.9/23

All: 346.152+/-0.042 χ^2/NDF : 2813973.0/46

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: -95.091 $\pm$ 81.591 χ^2 /NDF:30.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -74.986 $\pm$ 81.949 χ^2 /NDF:32.7/22

Left: -85.082 $\pm$ 57.820 χ^2 /NDF: 63.3/46

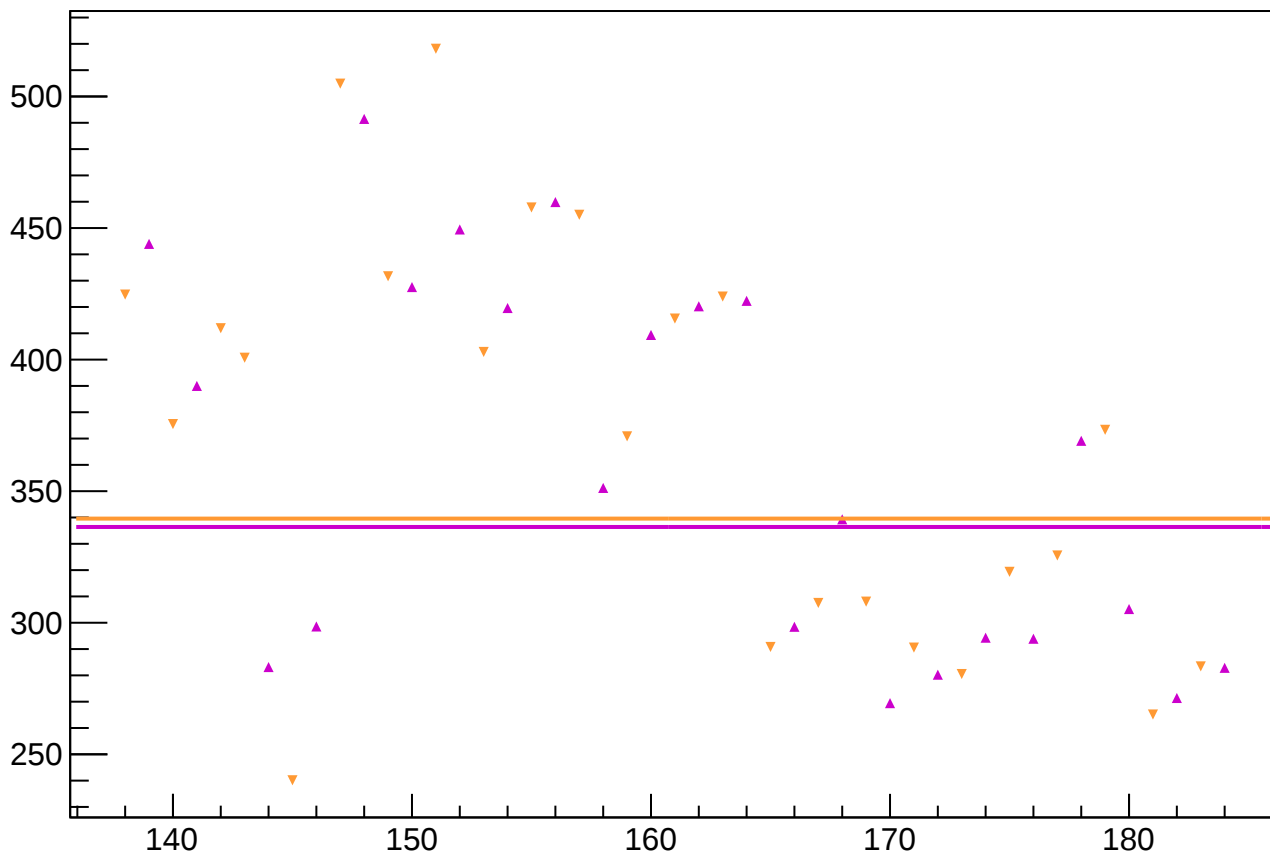
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -74.986 $\pm$ 81.949 χ^2 /NDF:32.7/22

Out: -95.091 $\pm$ 81.591 χ^2 /NDF:30.7/23

All: -85.082 $\pm$ 57.820 χ^2 /NDF: 63.3/46

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Left: 337.994+/-0.041 χ^2/NDF : 2842784.5/46

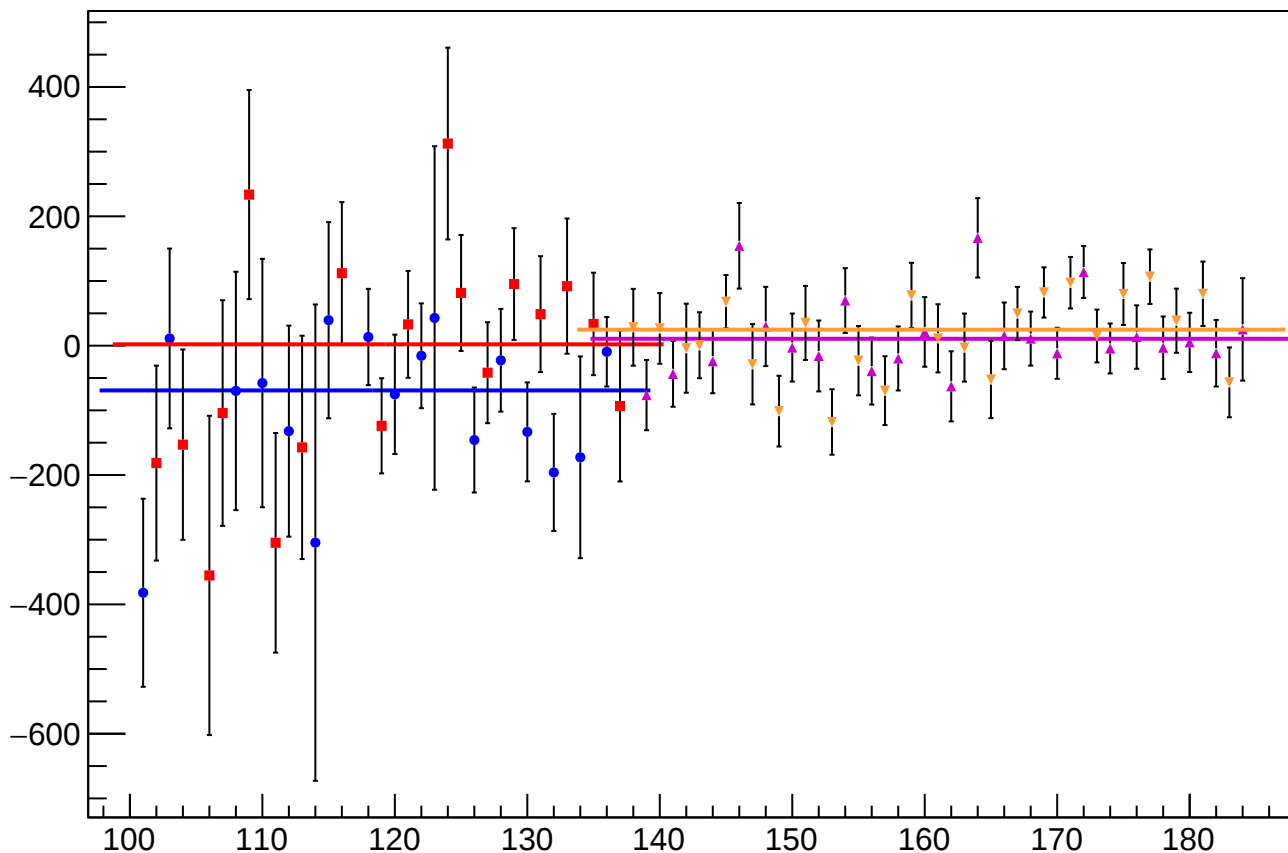
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Out: 339.578+/-0.058 χ^2/NDF :1571682.0/23

All: 337.994+/-0.041 χ^2/NDF : 2842784.5/46

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 $\pm$ 24.260 χ^2/NDF : 13.5/16

Left Out: 24.814 $\pm$ 10.091 χ^2/NDF : 37.2/23

Right Out: 2.082 $\pm$ 25.187 χ^2/NDF : 23.8/17

Left In: 10.652 $\pm$ 10.428 χ^2/NDF : 27.8/22

Left: 17.966 $\pm$ 7.251 χ^2/NDF : 66.0/46

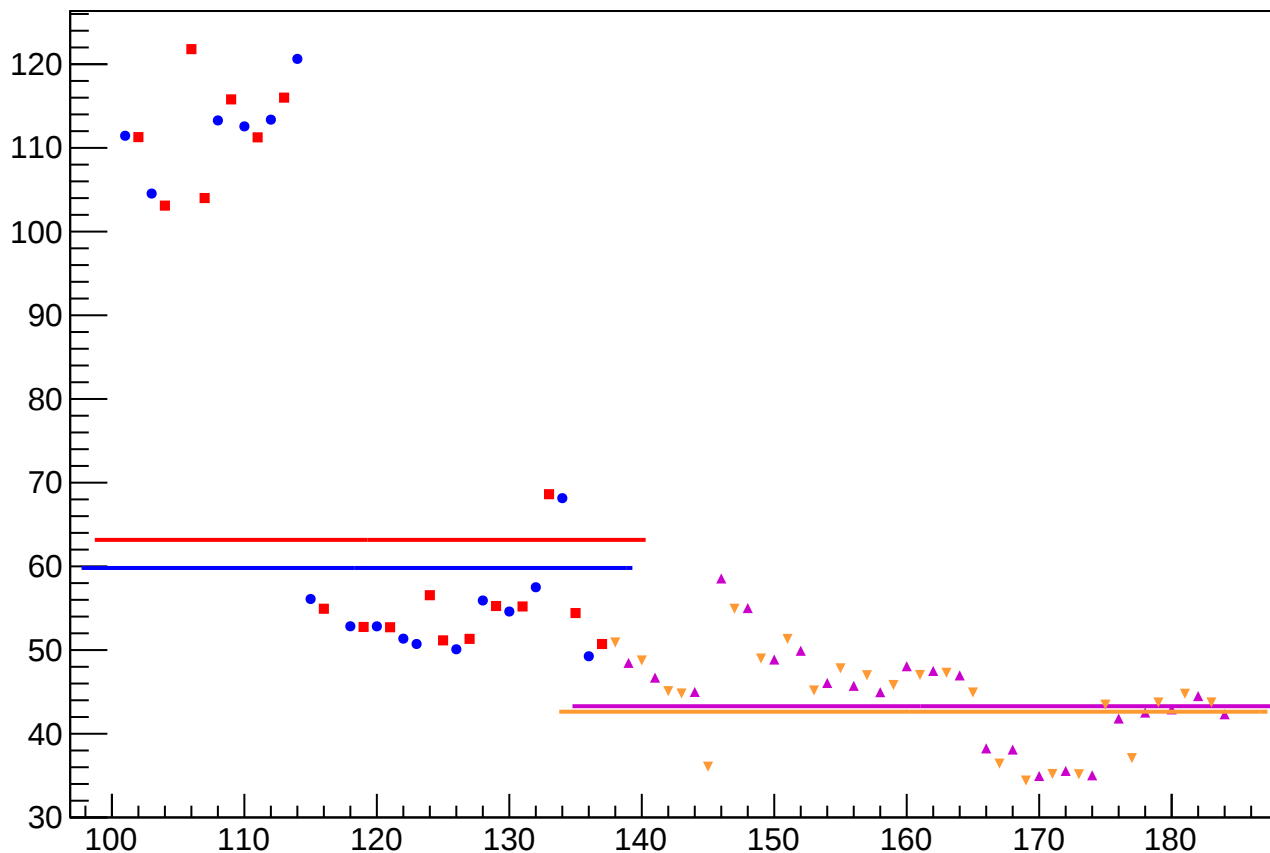
Right: -34.889 $\pm$ 17.473 χ^2/NDF : 41.4/34

In: -1.799 $\pm$ 9.580 χ^2/NDF : 50.4/39

Out: 21.670 $\pm$ 9.367 χ^2/NDF : 61.7/41

All: 10.200 $\pm$ 6.698 χ^2/NDF : 115.2/81

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: 42.635+/-0.007 χ^2/NDF : 662667.9/23

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 43.291+/-0.007 χ^2/NDF : 617612.6/22

Left: 42.952+/-0.005 χ^2/NDF : 1284364.4/46

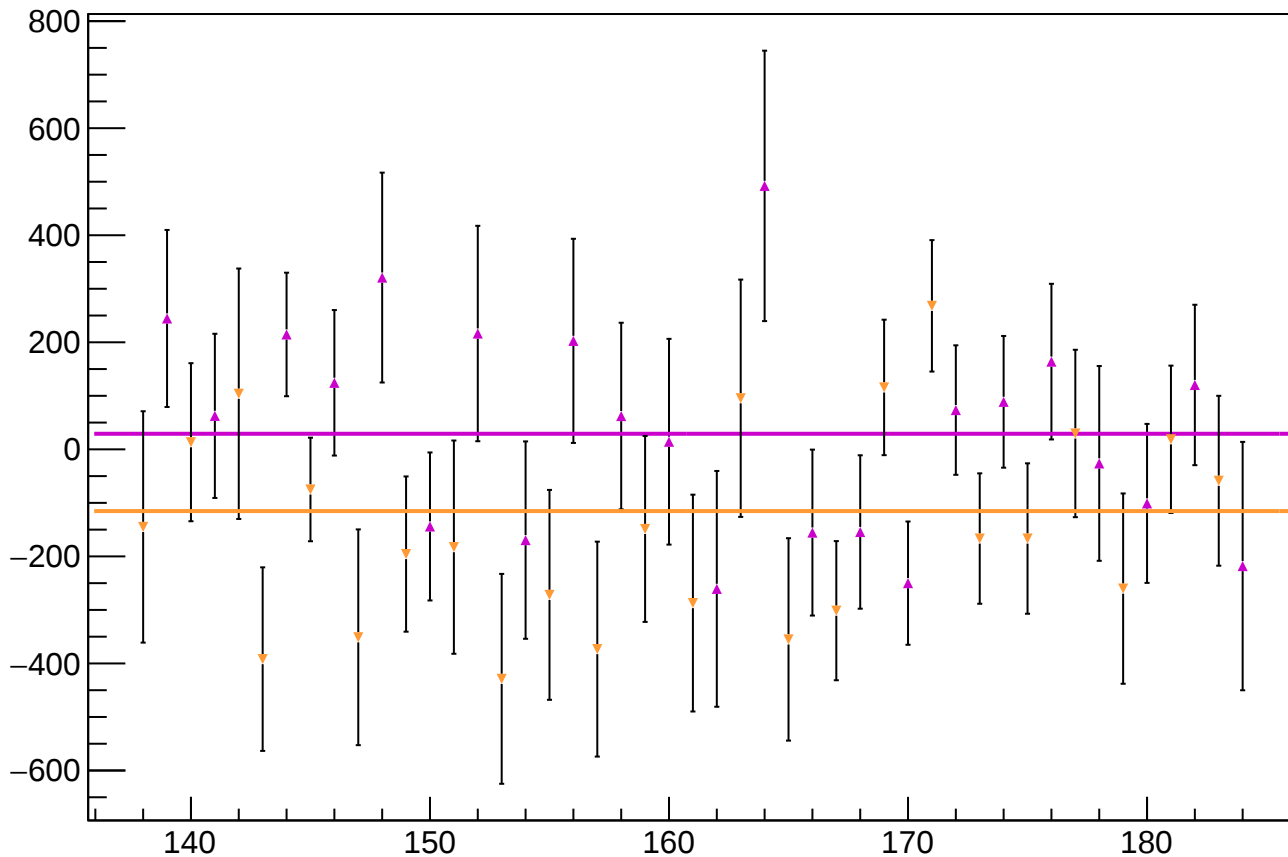
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 45.867+/-0.007 χ^2/NDF : 2630187.5/39

Out: 45.474+/-0.007 χ^2/NDF : 3195072.3/41

All: 45.666+/-0.005 χ^2/NDF : 5826973.3/81

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -115.349+/-31.984 χ^2/NDF :32.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.116+/-32.434 χ^2/NDF :29.1/22

Left: -44.125+/-22.774 χ^2/NDF : 71.6/46

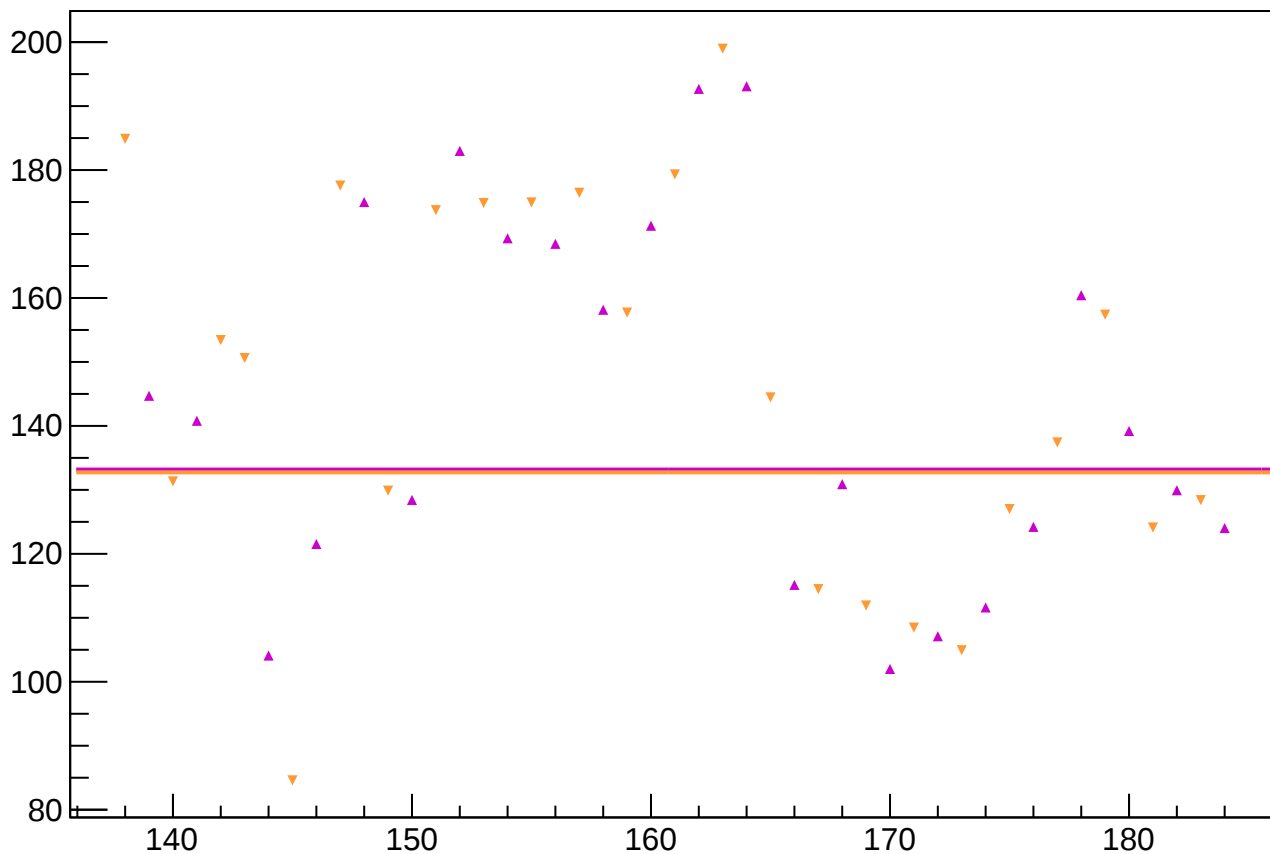
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.116+/-32.434 χ^2/NDF :29.1/22

Out: -115.349+/-31.984 χ^2/NDF :32.4/23

All: -44.125+/-22.774 χ^2/NDF : 71.6/46

asym_sam_37_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Left: 132.953+/-0.016 χ^2/NDF : 3060217.5/46

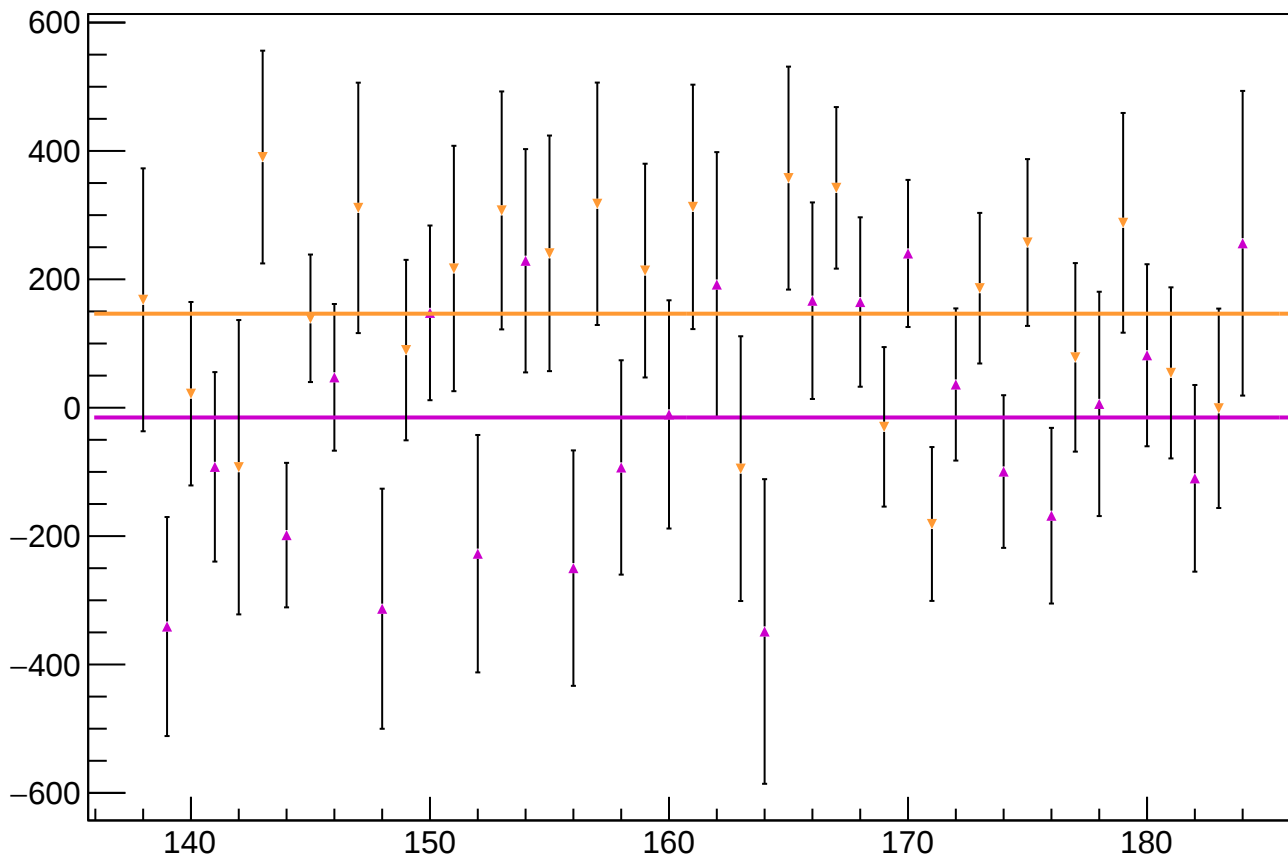
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Out: 132.738+/-0.023 χ^2/NDF :1775908.7/23

All: 132.953+/-0.016 χ^2/NDF : 3060217.5/46

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Left: 66.043 $\pm$ 21.889 χ^2 /NDF: 70.7/46

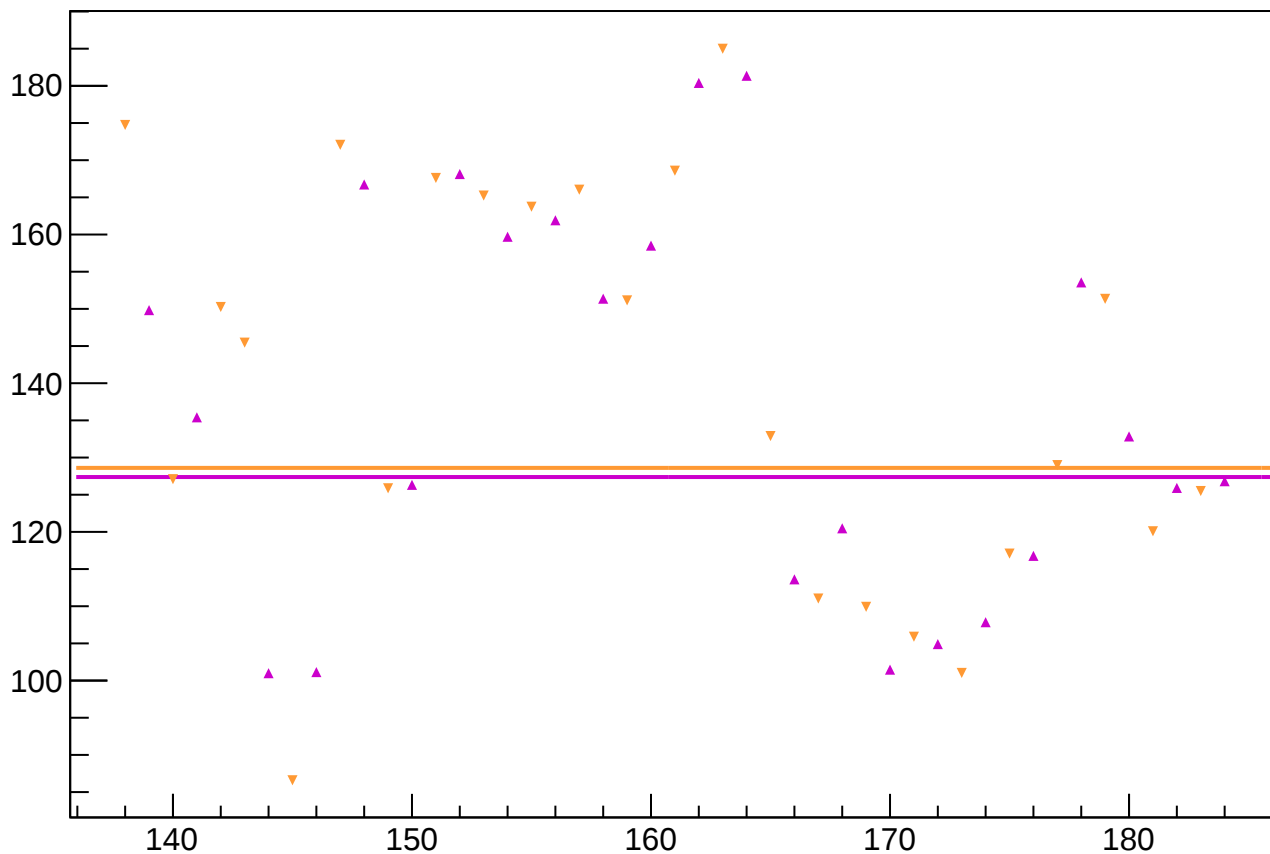
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Out: 146.476 $\pm$ 30.878 χ^2 /NDF:25.7/23

All: 66.043 $\pm$ 21.889 χ^2 /NDF: 70.7/46

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Left: 127.998+/-0.015 χ^2/NDF : 2745271.1/46

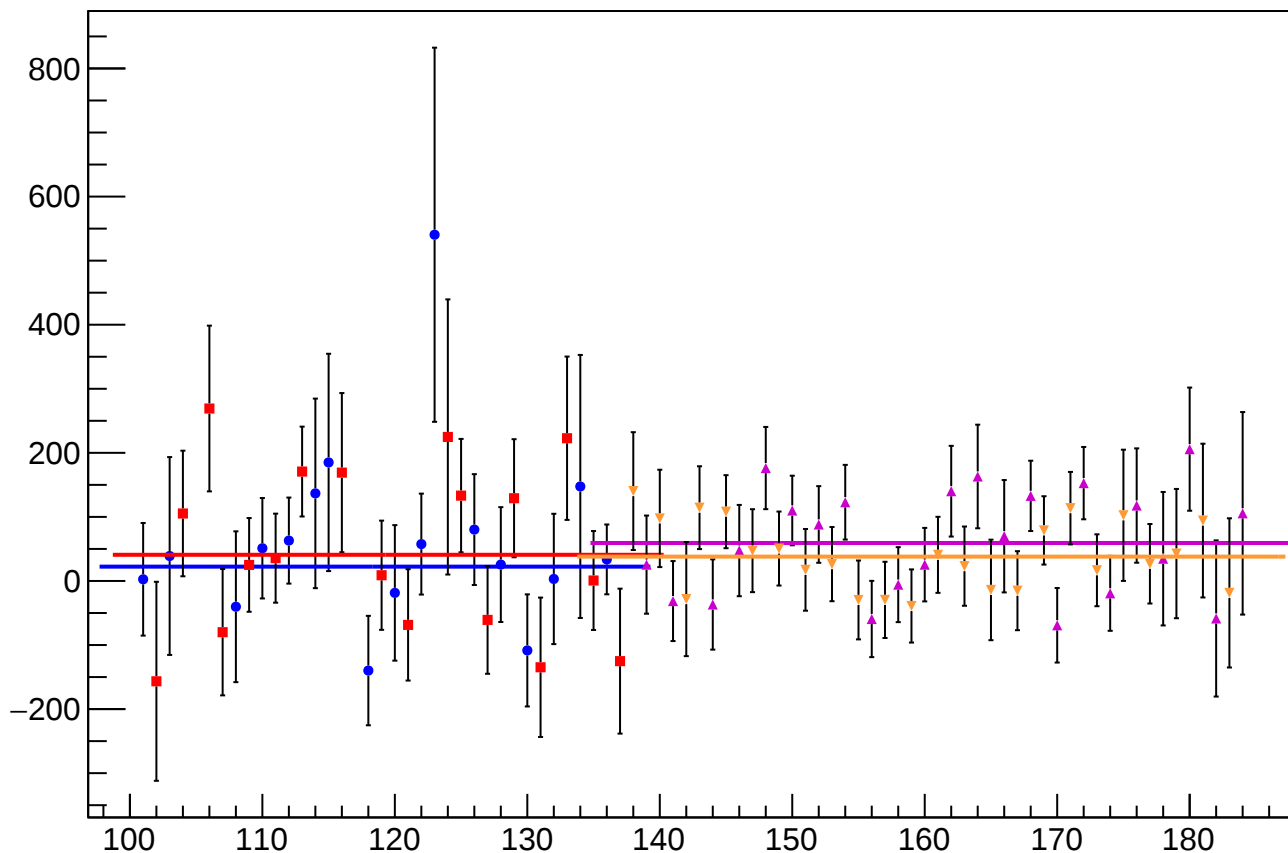
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Out: 128.611+/-0.022 χ^2/NDF :1513790.0/23

All: 127.998+/-0.015 χ^2/NDF : 2745271.1/46

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.002 $\pm$ 13.546 χ^2 /NDF:14.5/23

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 59.288 $\pm$ 14.130 χ^2 /NDF:33.4/22

Left: 48.196 $\pm$ 9.779 χ^2 /NDF: 49.1/46

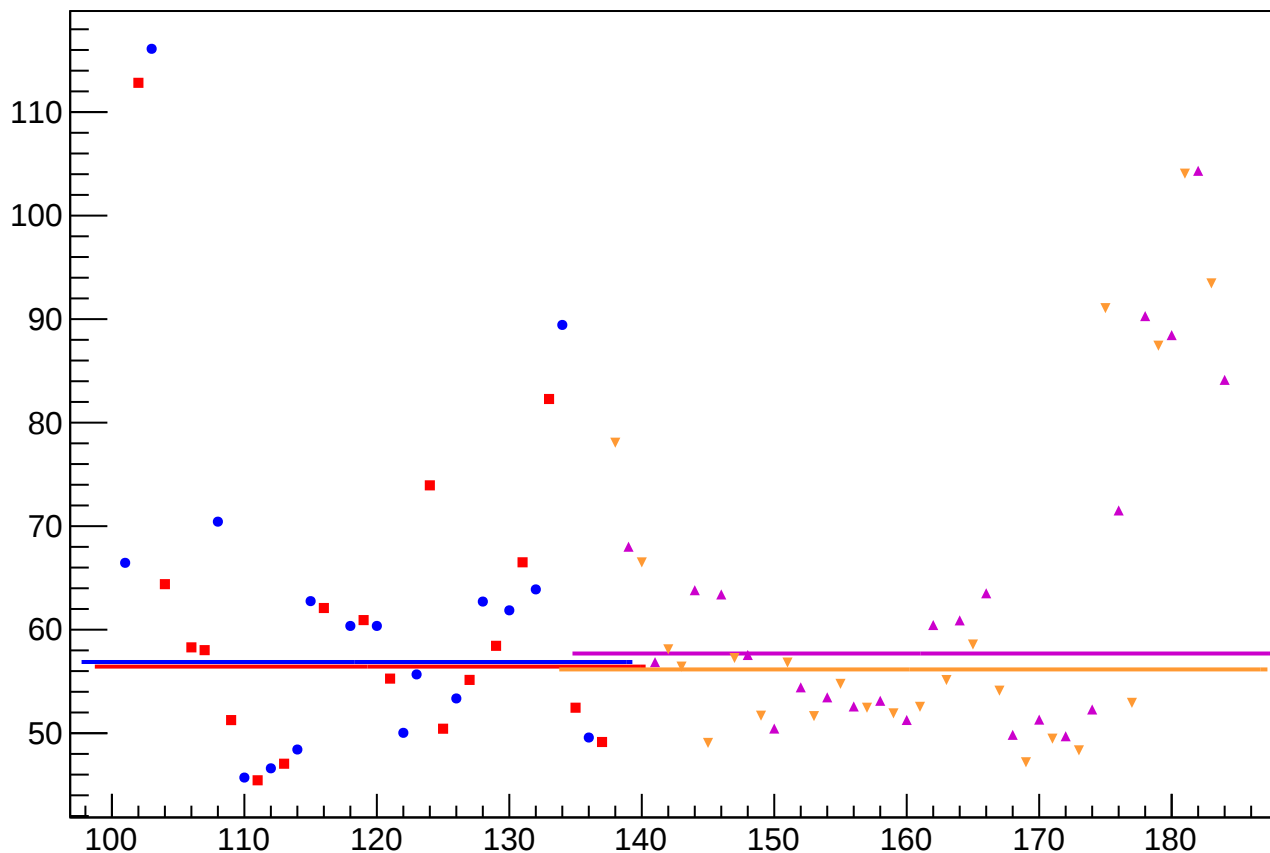
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 48.927 $\pm$ 11.985 χ^2 /NDF:47.9/39

Out: 38.782 $\pm$ 11.555 χ^2 /NDF:38.7/41

All: 43.669 $\pm$ 8.318 χ^2 /NDF: 87.0/81

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2/NDF : 575487.1/16

Left Out: 56.160 $\pm$ 0.010 χ^2/NDF : 1316070.1/23

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 57.698 $\pm$ 0.010 χ^2/NDF : 1102960.9/22

Left: 56.897 $\pm$ 0.007 χ^2/NDF : 2431375.8/46

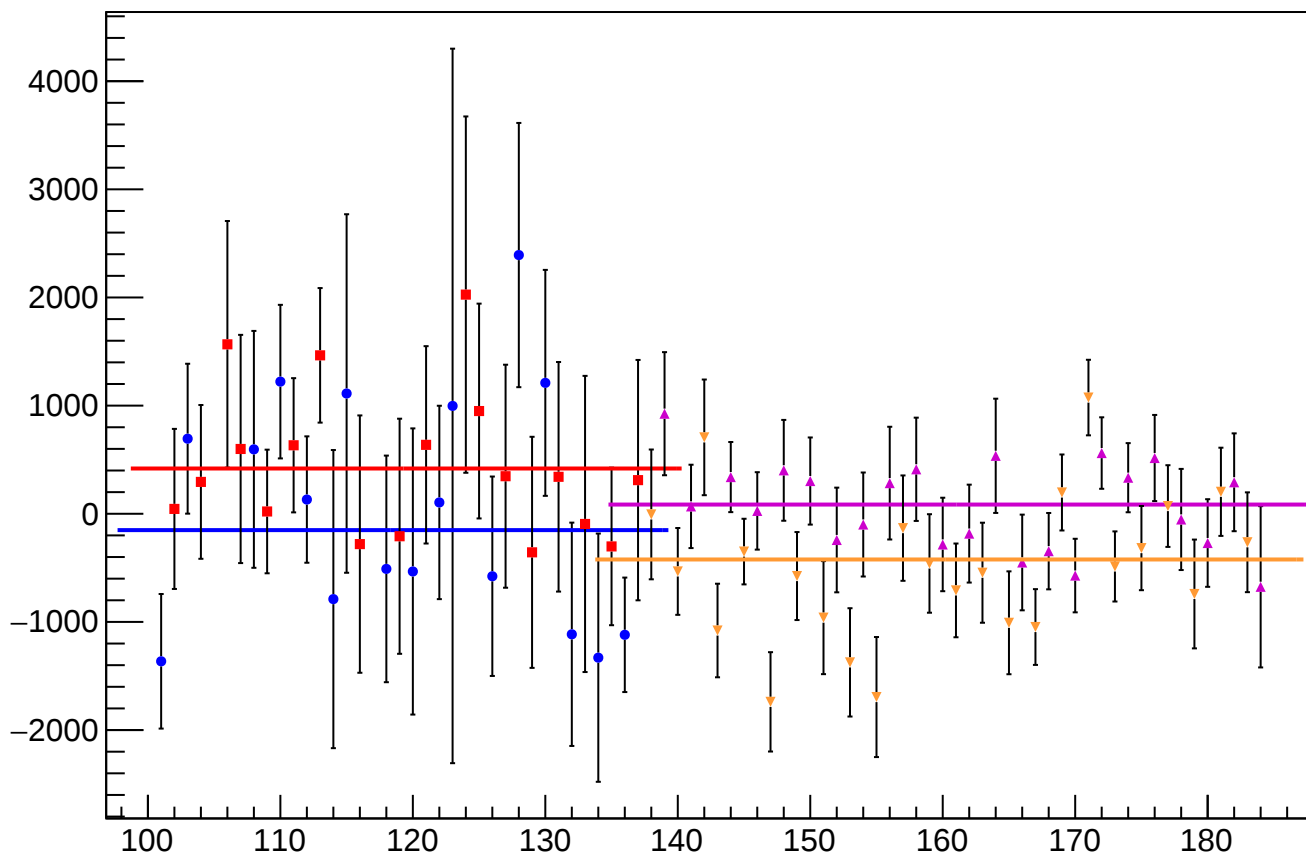
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 57.468 $\pm$ 0.008 χ^2/NDF : 1680336.1/39

Out: 56.235 $\pm$ 0.008 χ^2/NDF : 1836749.2/41

All: 56.829 $\pm$ 0.006 χ^2/NDF : 3528062.9/81

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: -422.670 ± 85.734 $\chi^2/\text{NDF}: 57.4/23$

Right Out: 418.554 ± 205.061 $\chi^2/\text{NDF}: 8.4/17$

Left In: 85.183 ± 86.793 $\chi^2/\text{NDF}: 19.2/22$

Left: -171.858 ± 60.994 $\chi^2/\text{NDF}: 94.0/46$

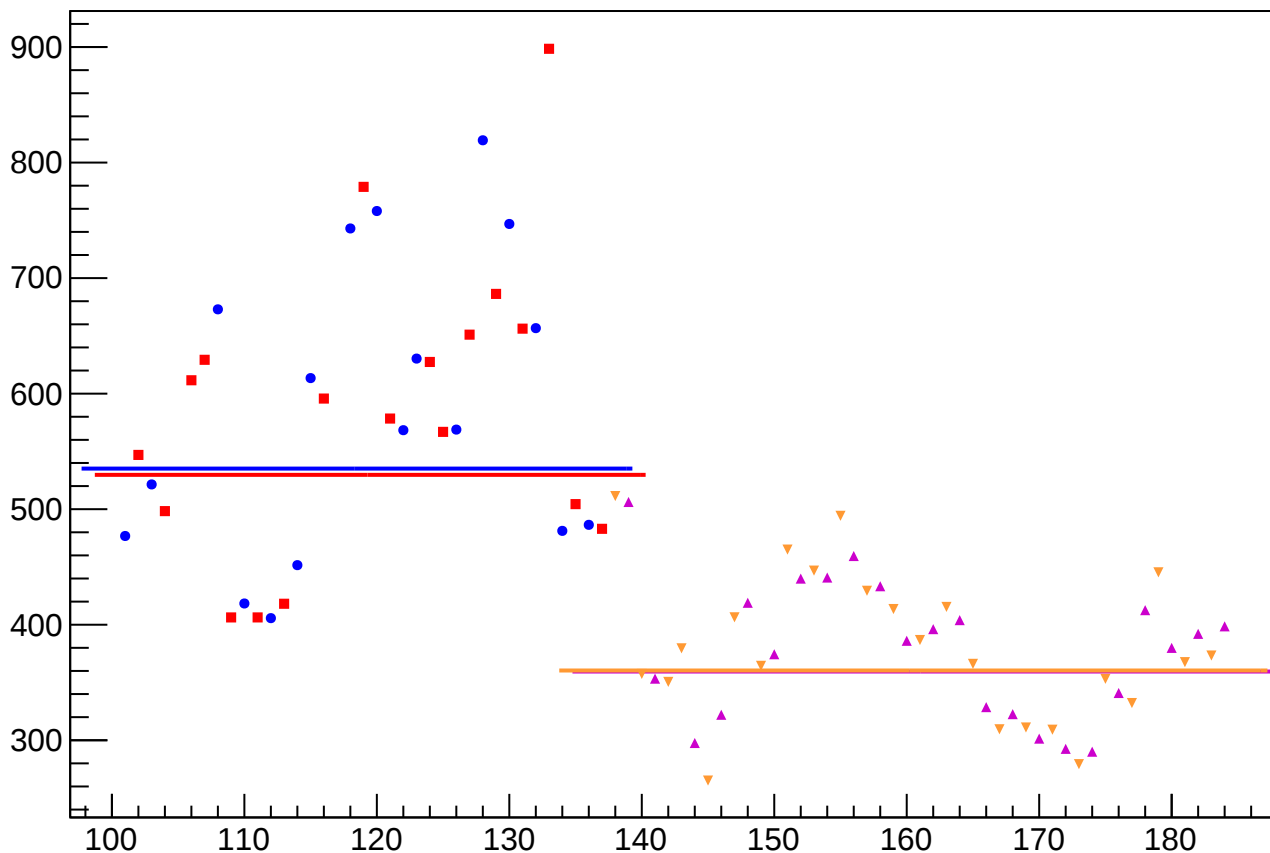
Right: 143.757 ± 147.542 $\chi^2/\text{NDF}: 34.6/34$

In: 51.374 ± 80.346 $\chi^2/\text{NDF}: 42.7/39$

Out: -297.503 ± 79.099 $\chi^2/\text{NDF}: 80.1/41$

All: -125.792 ± 56.367 $\chi^2/\text{NDF}: 132.4/81$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 360.380+/-0.061 χ^2/NDF :1029078.6/23

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 359.485+/-0.061 χ^2/NDF :849465.2/22

Left: 359.938+/-0.043 χ^2/NDF : 1878651.6/46

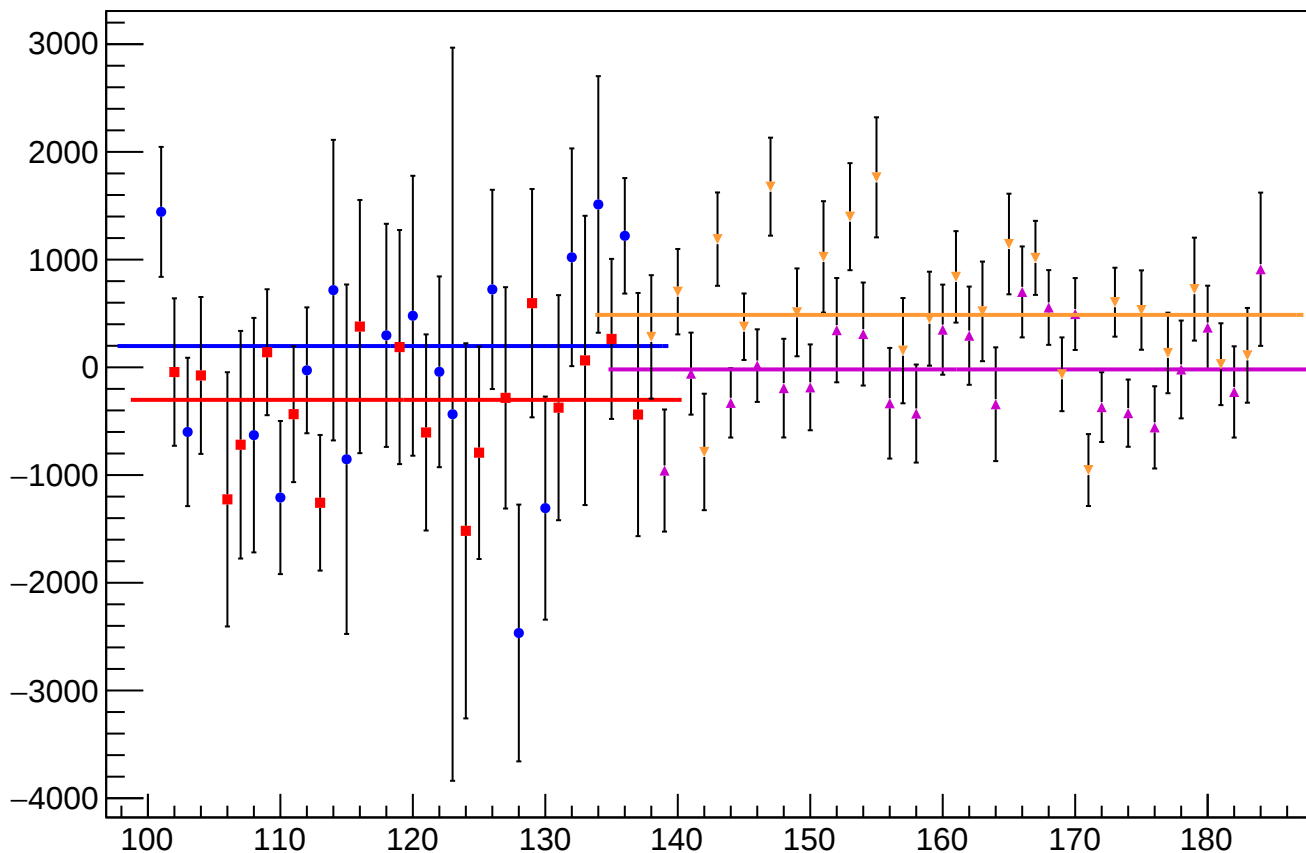
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 384.608+/-0.057 χ^2/NDF :2617210.5/39

Out: 385.576+/-0.056 χ^2/NDF :2836762.1/41

All: 385.100+/-0.040 χ^2/NDF : 5454120.0/81

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 486.787 $\pm$ 84.065 χ^2 /NDF:55.5/23

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -19.328 $\pm$ 84.679 χ^2 /NDF:23.7/22

Left: 235.572 $\pm$ 59.659 χ^2 /NDF: 97.2/46

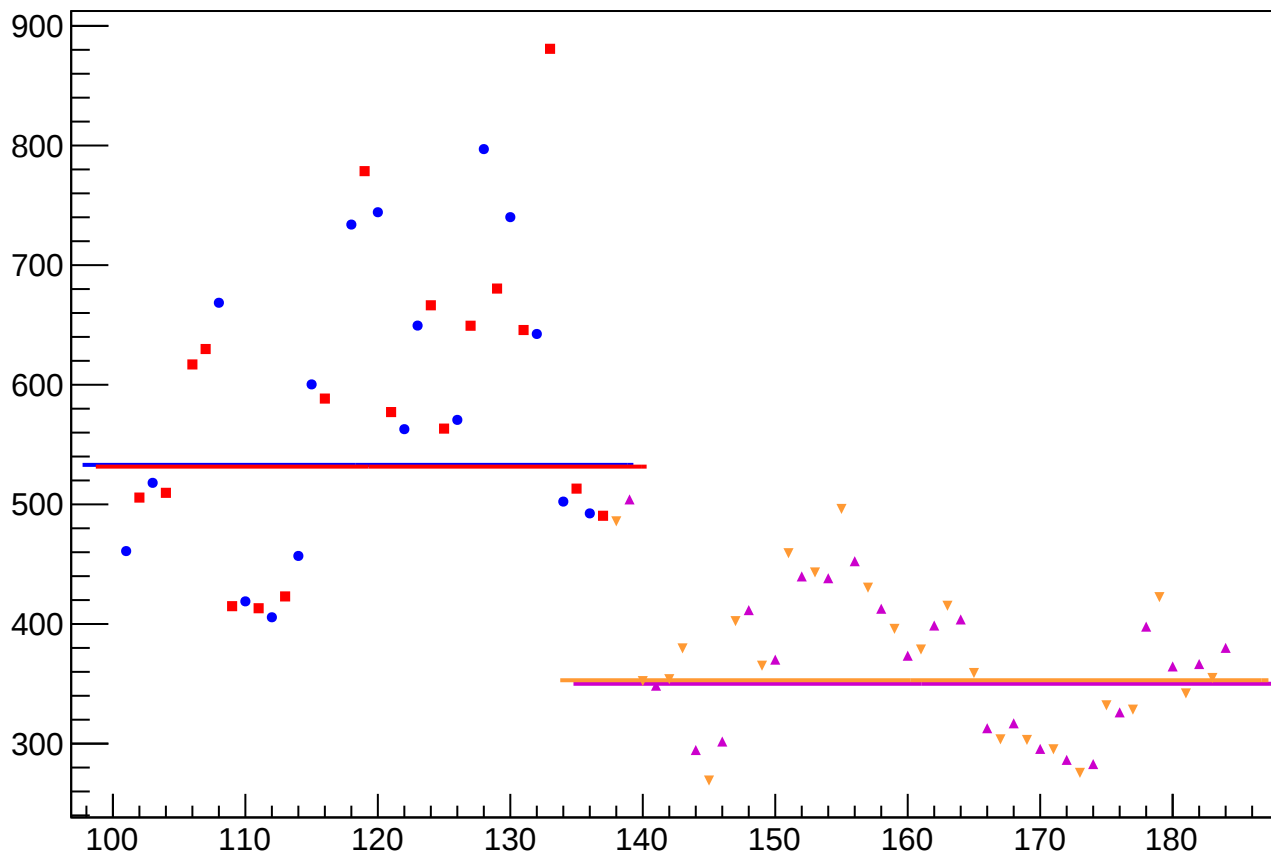
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: 10.641 $\pm$ 78.612 χ^2 /NDF:48.5/39

Out: 373.920 $\pm$ 77.817 χ^2 /NDF:74.8/41

All: 194.125 $\pm$ 55.304 χ^2 /NDF: 134.1/81

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 352.983+/-0.059 χ^2/NDF :1003504.1/23

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 350.037+/-0.060 χ^2/NDF :889435.7/22

Left: 351.521+/-0.042 χ^2/NDF : 1894158.7/46

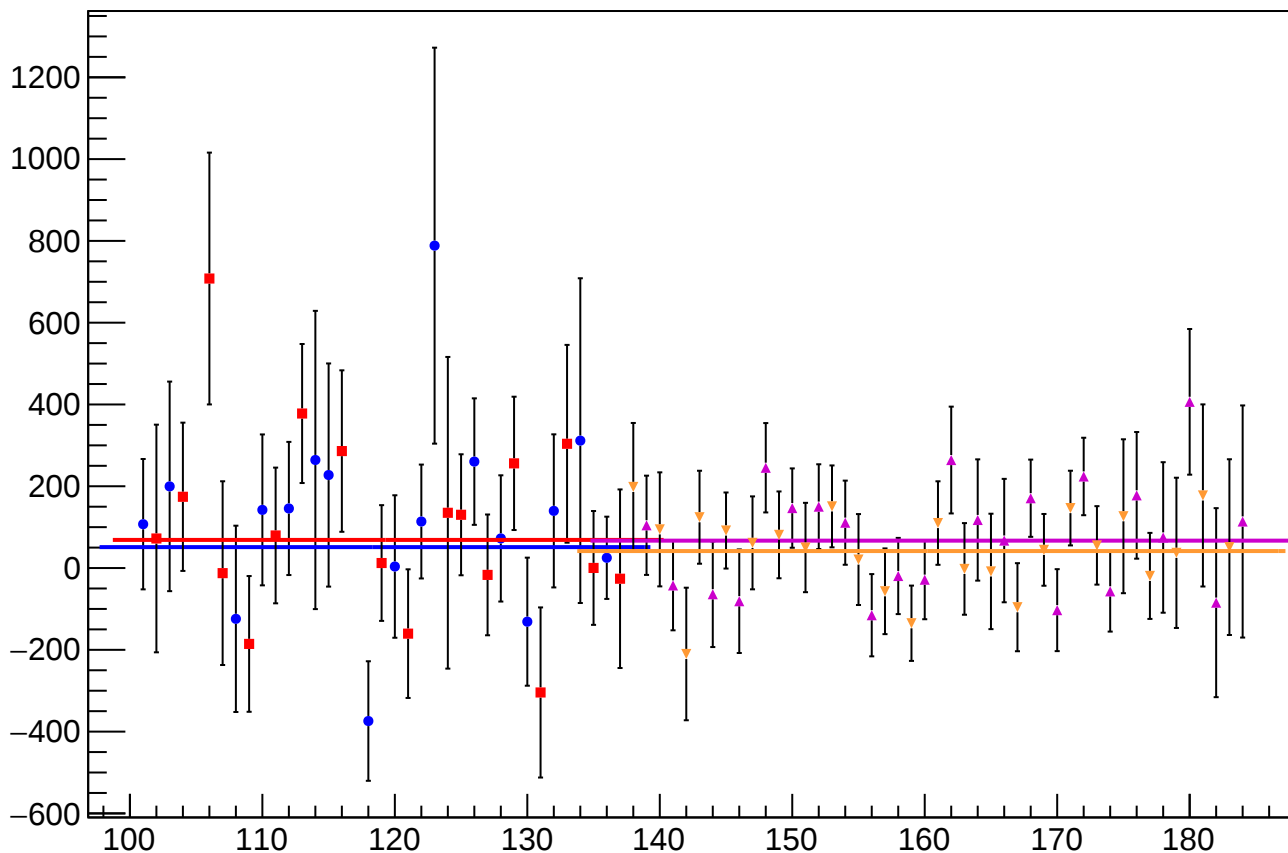
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 375.323+/-0.056 χ^2/NDF :2746868.6/39

Out: 378.540+/-0.055 χ^2/NDF :2893040.0/41

All: 376.947+/-0.039 χ^2/NDF : 5641600.4/81

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 41.526 $\pm$ 23.418 χ^2 /NDF:15.0/23

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 67.000 $\pm$ 24.395 χ^2 /NDF:28.2/22

Left: 53.743 $\pm$ 16.894 χ^2 /NDF: 43.7/46

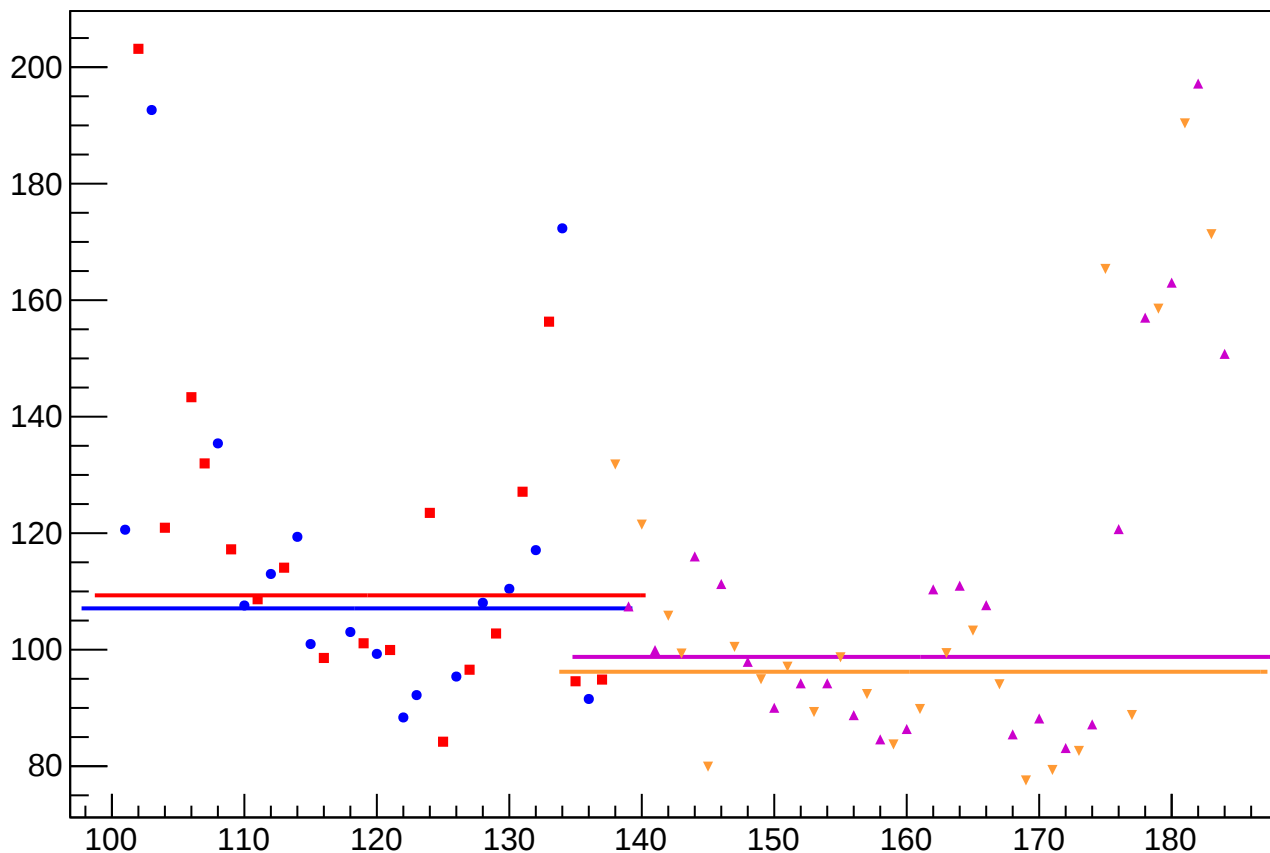
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 63.064 $\pm$ 21.147 χ^2 /NDF:45.7/39

Out: 47.804 $\pm$ 20.544 χ^2 /NDF:35.6/41

All: 55.214 $\pm$ 14.736 χ^2 /NDF: 81.6/81

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 96.213 $\pm$ 0.017 χ^2 /NDF:1618259.5/23

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 98.763 $\pm$ 0.017 χ^2 /NDF:1299339.3/22

Left: 97.436 $\pm$ 0.012 χ^2 /NDF: 2928969.3/46

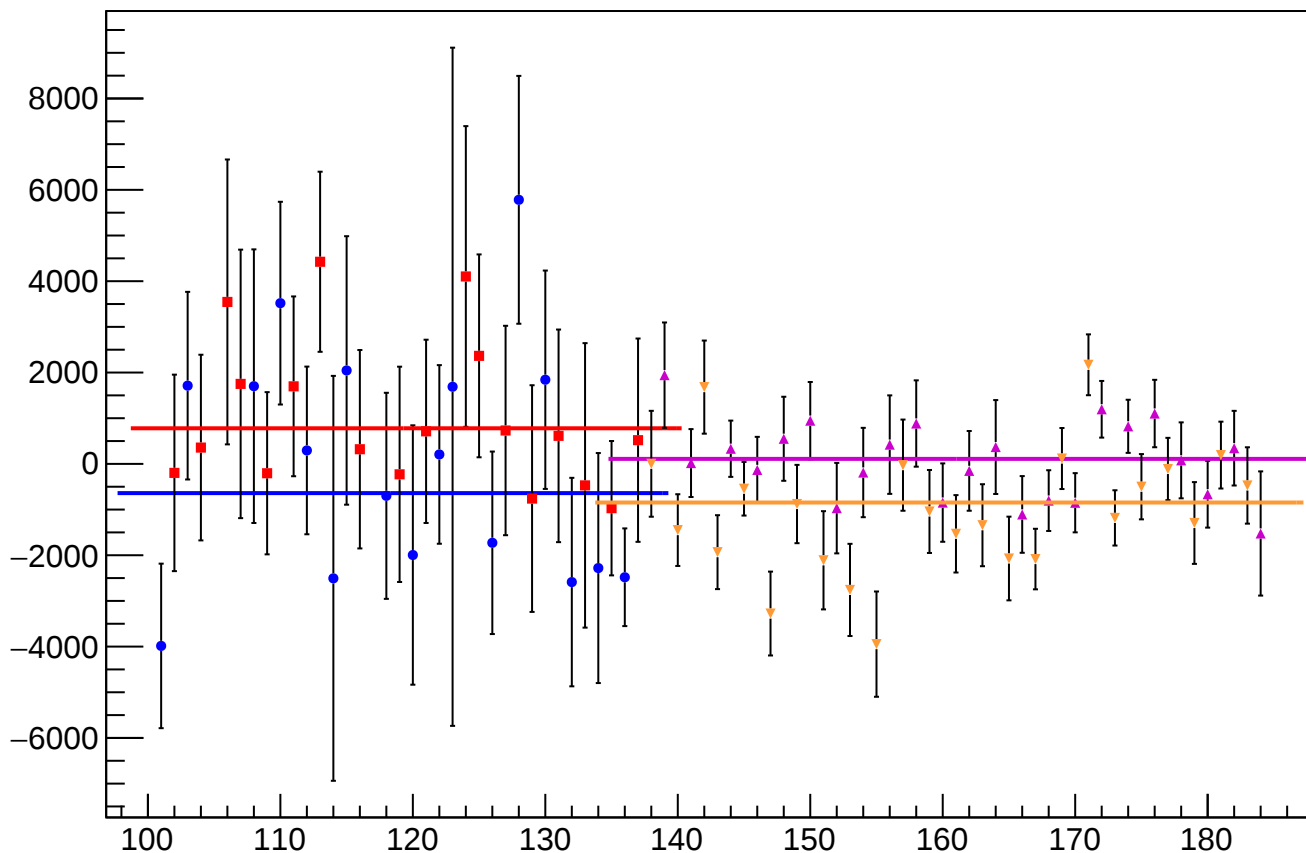
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.834 $\pm$ 0.015 χ^2 /NDF:1795065.0/39

Out: 99.235 $\pm$ 0.015 χ^2 /NDF:2268808.2/41

All: 100.011 $\pm$ 0.010 χ^2 /NDF: 4069755.6/81

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -845.643 ± 164.170 $\chi^2/\text{NDF}: 62.3/23$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 109.724 ± 166.318 $\chi^2/\text{NDF}: 22.6/22$

Left: -374.168 ± 116.838 $\chi^2/\text{NDF}: 101.6/46$

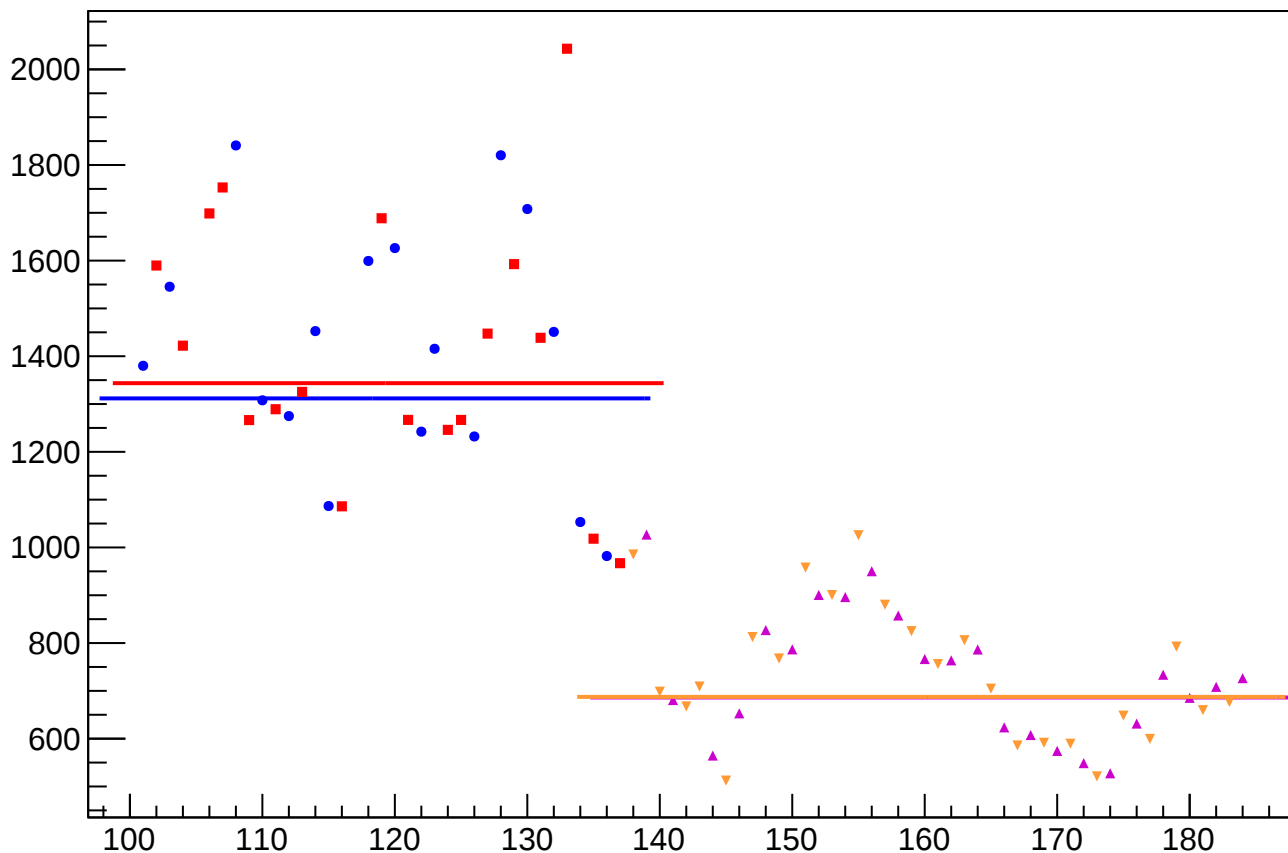
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 39.977 ± 158.391 $\chi^2/\text{NDF}: 46.3/39$

Out: -696.500 ± 156.455 $\chi^2/\text{NDF}: 80.1/41$

All: -332.789 ± 111.309 $\chi^2/\text{NDF}: 137.3/81$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 $\pm$ 0.367 χ^2 /NDF: 512676.0/16

Left Out: 687.404 $\pm$ 0.116 χ^2 /NDF: 1277077.8/23

Right Out: 1343.659 $\pm$ 0.365 χ^2 /NDF: 461009.9/17

Left In: 686.116 $\pm$ 0.118 χ^2 /NDF: 1122124.7/22

Left: 686.768 $\pm$ 0.083 χ^2 /NDF: 2399263.2/46

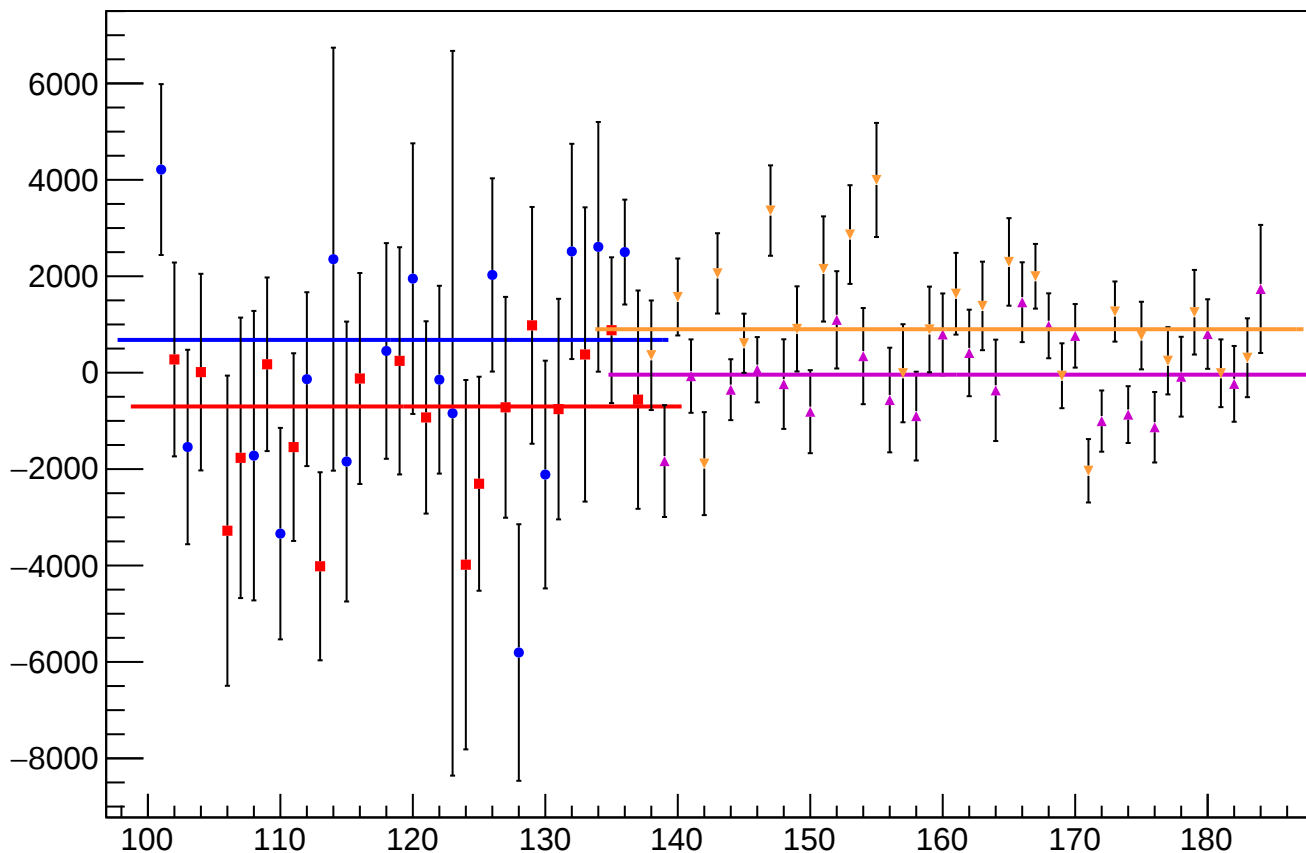
Right: 1327.813 $\pm$ 0.259 χ^2 /NDF: 977472.0/34

In: 744.335 $\pm$ 0.112 χ^2 /NDF: 4268503.1/39

Out: 747.631 $\pm$ 0.111 χ^2 /NDF: 4671088.8/41

All: 746.004 $\pm$ 0.079 χ^2 /NDF: 8940030.4/81

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 901.336 $\pm$ 165.548 χ^2 /NDF:61.1/23

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

Left: 433.255 $\pm$ 117.475 χ^2 /NDF: 101.4/46

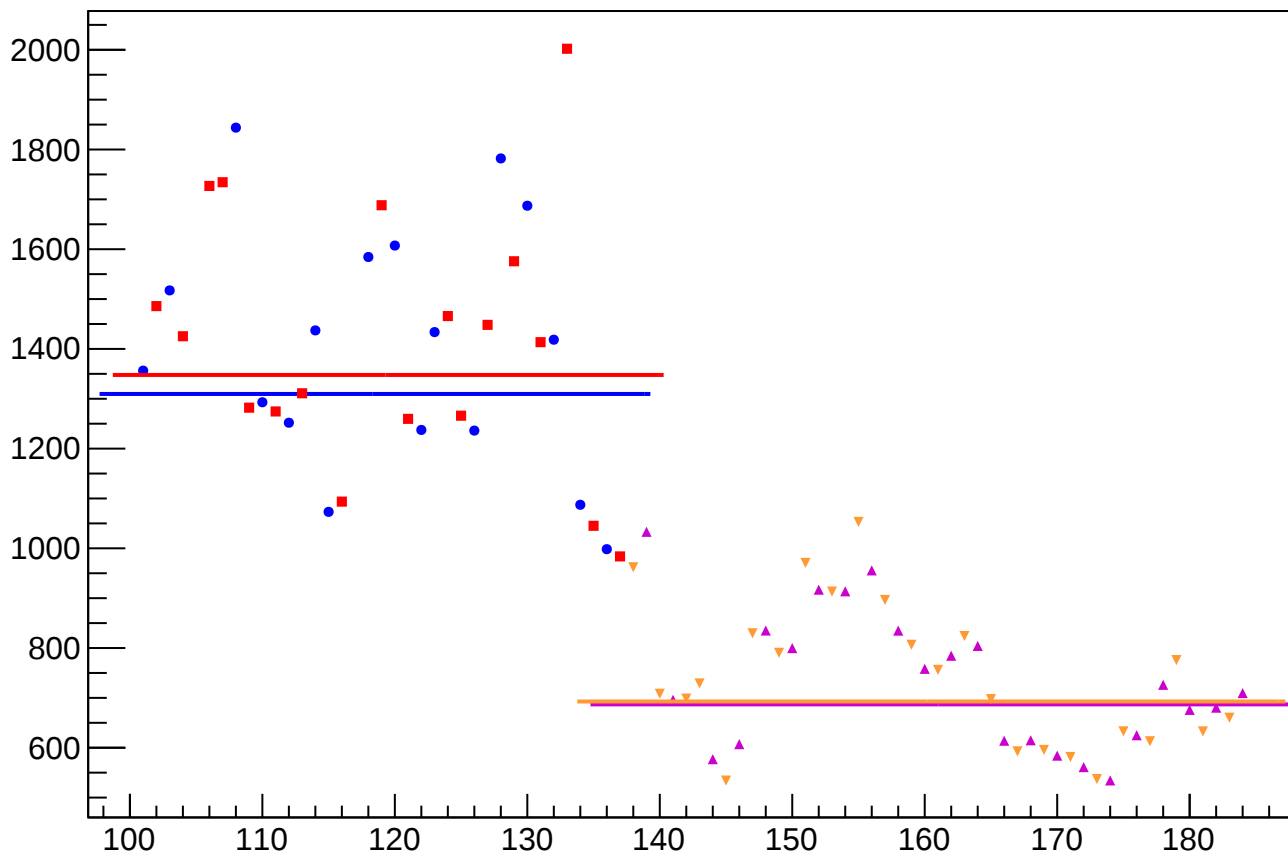
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 26.320 $\pm$ 158.695 χ^2 /NDF:48.4/39

Out: 752.495 $\pm$ 157.671 χ^2 /NDF:77.5/41

All: 391.757 $\pm$ 111.851 χ^2 /NDF: 136.4/81

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 692.752 $\pm$ 0.117 χ^2 /NDF: 1234649.1/23

Right Out: 1347.768 $\pm$ 0.366 χ^2 /NDF: 405345.0/17

Left In: 686.944 $\pm$ 0.118 χ^2 /NDF: 1116042.4/22

Left: 689.869 $\pm$ 0.083 χ^2 /NDF: 2351913.9/46

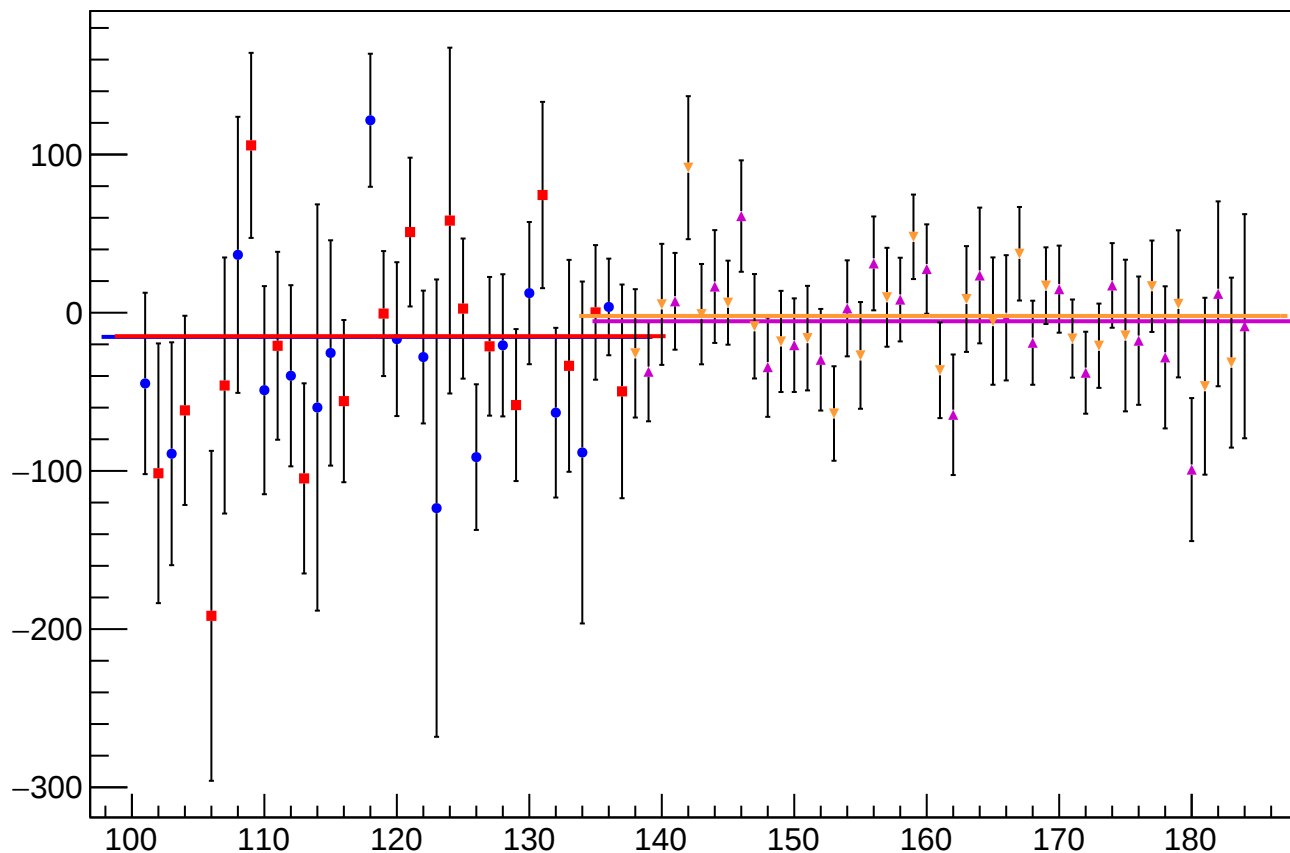
Right: 1328.718 $\pm$ 0.259 χ^2 /NDF: 870085.9/34

In: 745.501 $\pm$ 0.112 χ^2 /NDF: 4198847.6/39

Out: 753.599 $\pm$ 0.111 χ^2 /NDF: 4548522.7/41

All: 749.576 $\pm$ 0.079 χ^2 /NDF: 8749991.5/81

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -2.044 ± 6.638 χ^2/NDF : 19.8/23

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -5.397 ± 6.854 χ^2/NDF : 20.8/22

Left: -3.667 ± 4.768 χ^2/NDF : 40.7/46

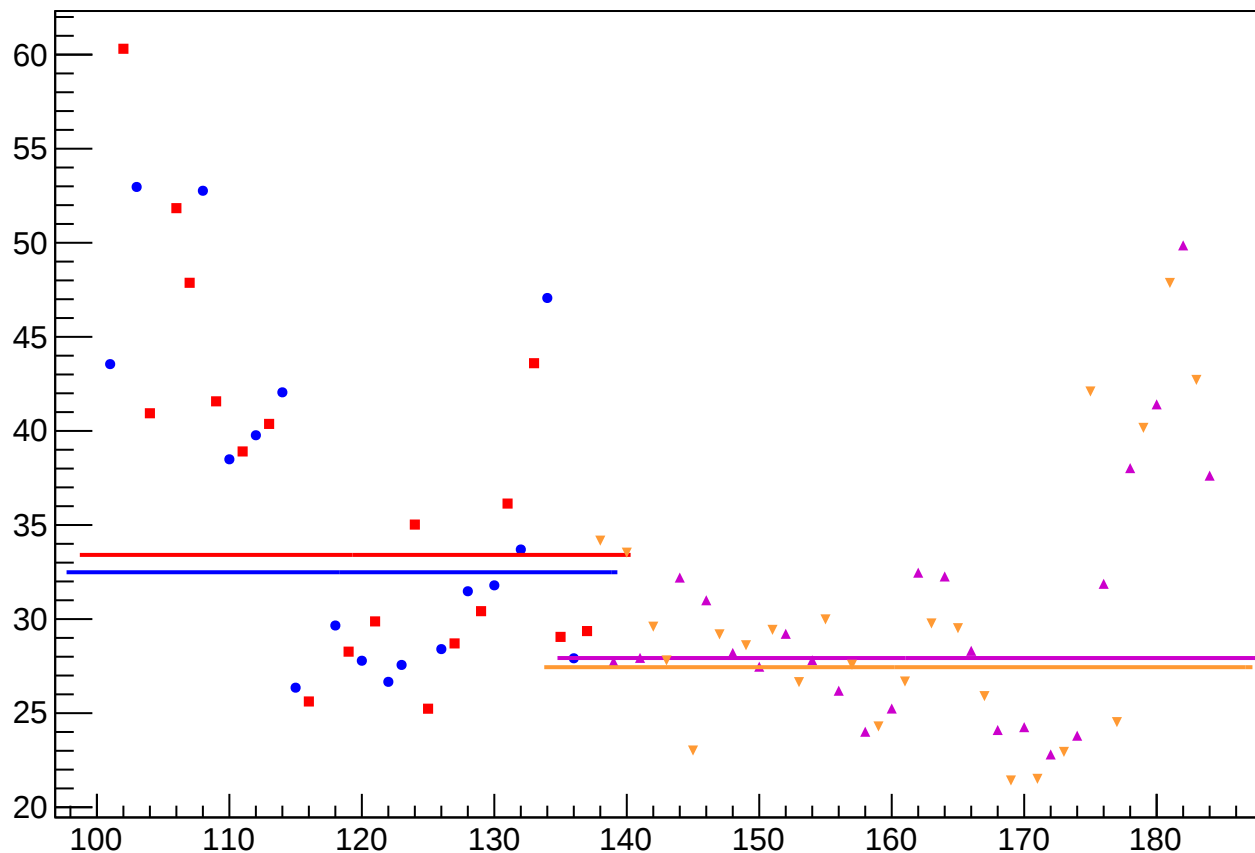
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -7.571 ± 6.053 χ^2/NDF : 39.5/39

Out: -4.659 ± 5.921 χ^2/NDF : 38.7/41

All: -6.083 ± 4.233 χ^2/NDF : 78.4/81

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.444+/-0.005 χ^2/NDF : 1325331.9/23

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.930+/-0.005 χ^2/NDF : 985659.8/22

Left: 27.679+/-0.003 χ^2/NDF : 2316193.8/46

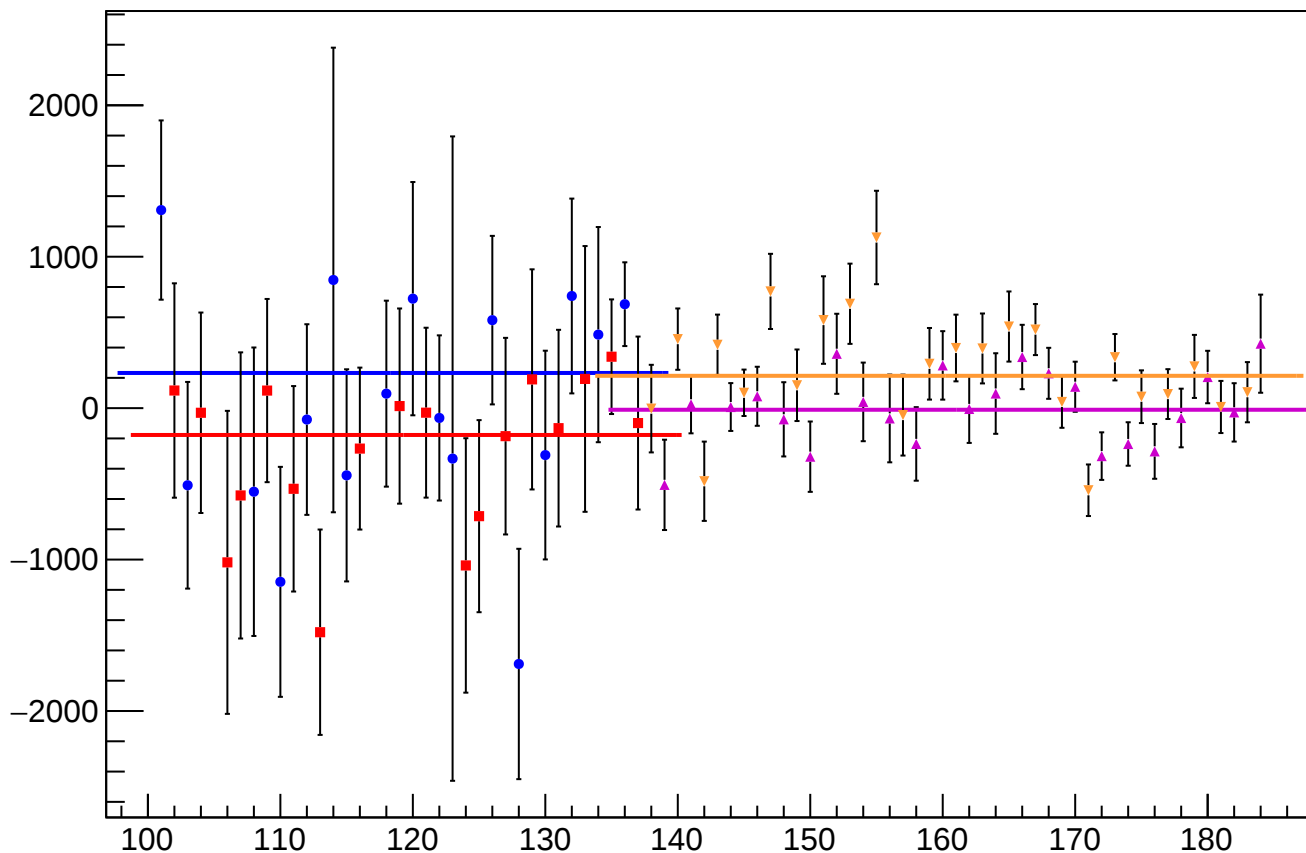
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 28.933+/-0.004 χ^2/NDF : 1774757.3/39

Out: 28.663+/-0.004 χ^2/NDF : 2380832.8/41

All: 28.795+/-0.003 χ^2/NDF : 4157618.2/81

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: 213.564 $\pm$ 41.586 χ^2 /NDF: 61.3/23

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -10.639 $\pm$ 42.196 χ^2 /NDF: 27.2/22

Left: 103.094 $\pm$ 29.619 χ^2 /NDF: 102.9/46

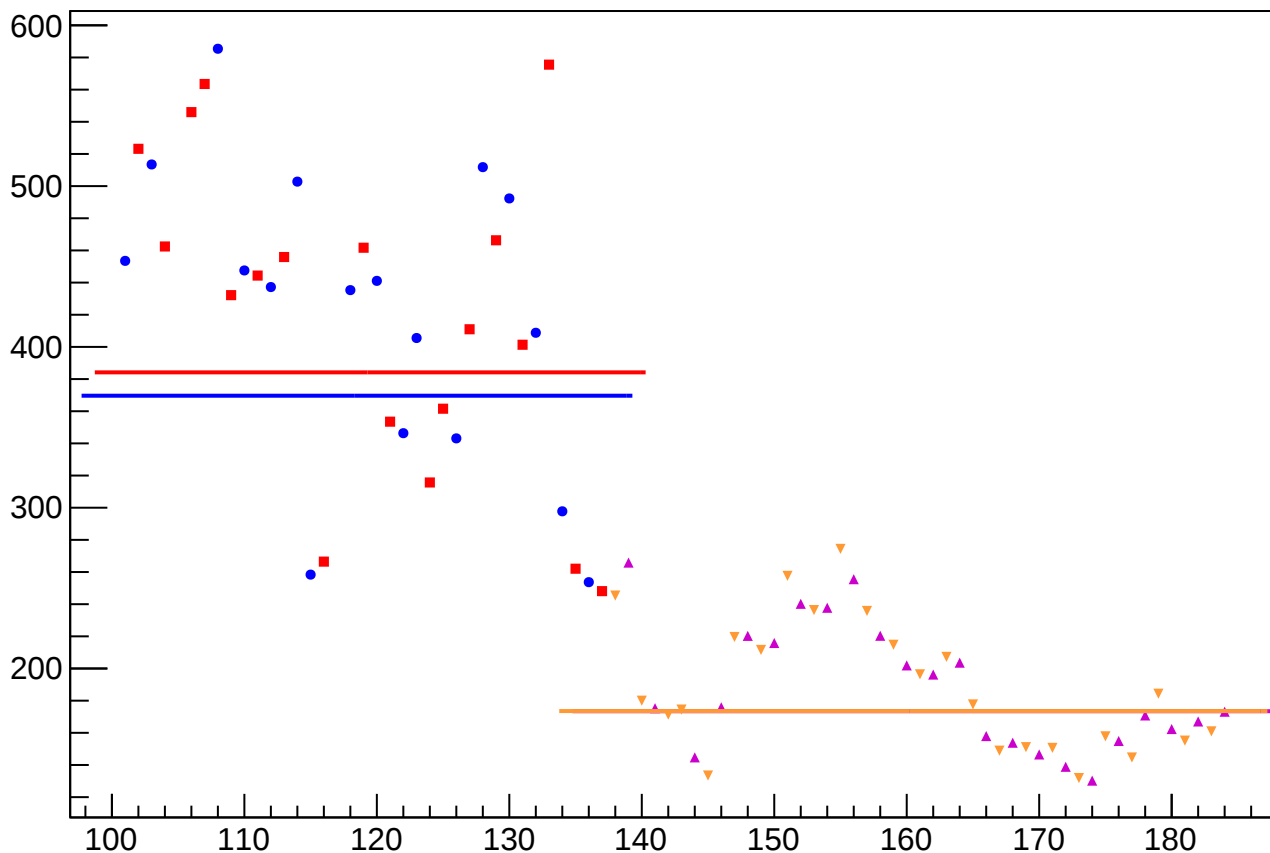
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 7.489 $\pm$ 40.592 χ^2 /NDF: 51.2/39

Out: 185.677 $\pm$ 40.075 χ^2 /NDF: 77.2/41

All: 97.724 $\pm$ 28.518 χ^2 /NDF: 138.1/81

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: 173.538 $\pm$ 0.029 χ^2 /NDF: 1488115.2/23

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 173.445 $\pm$ 0.030 χ^2 /NDF: 1362240.7/22

Left: 173.492 $\pm$ 0.021 χ^2 /NDF: 2850360.9/46

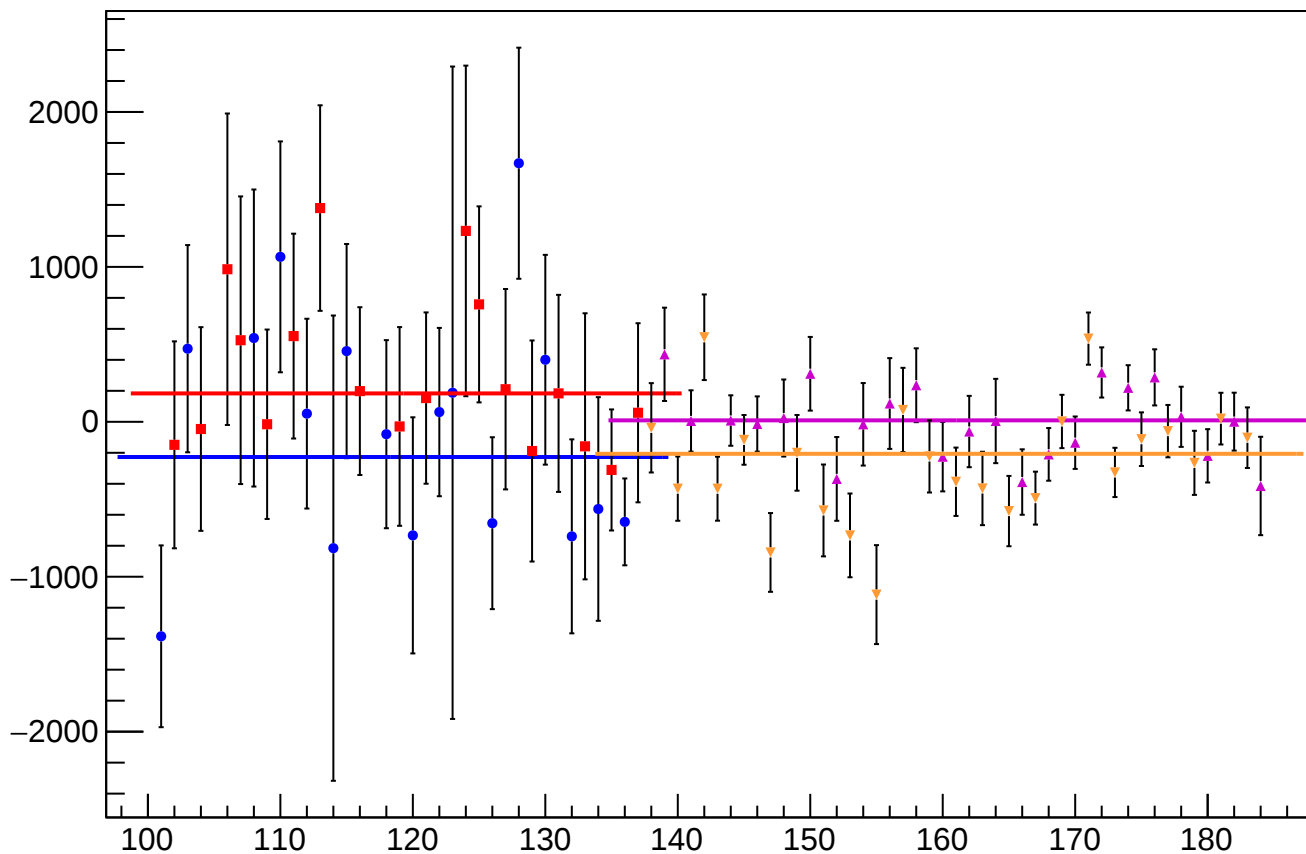
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 188.084 $\pm$ 0.029 χ^2 /NDF: 5491231.8/39

Out: 188.572 $\pm$ 0.028 χ^2 /NDF: 6025163.9/41

All: 188.331 $\pm$ 0.020 χ^2 /NDF: 11516541.9/83

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -206.573 ± 42.101 $\chi^2/\text{NDF}: 63.0/23$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

Left: -99.452 ± 29.888 $\chi^2/\text{NDF}: 101.5/46$

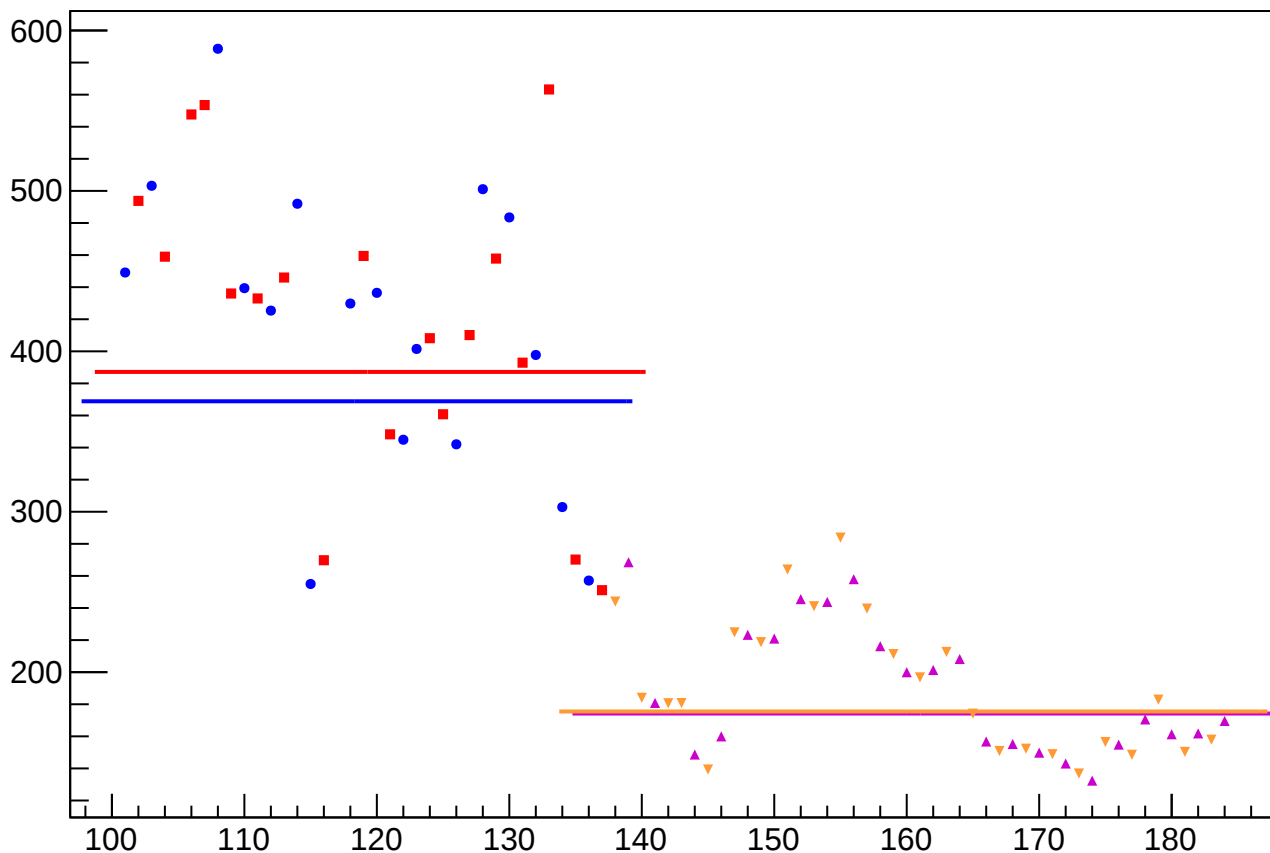
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: -8.613 ± 40.791 $\chi^2/\text{NDF}: 49.6/39$

Out: -178.272 ± 40.544 $\chi^2/\text{NDF}: 78.0/41$

All: -93.958 ± 28.756 $\chi^2/\text{NDF}: 136.3/81$

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 175.495 $\pm$ 0.030 χ^2 /NDF: 1496037.6/23

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 174.217 $\pm$ 0.030 χ^2 /NDF: 1364600.9/22

Left: 174.861 $\pm$ 0.021 χ^2 /NDF: 2861553.3/46

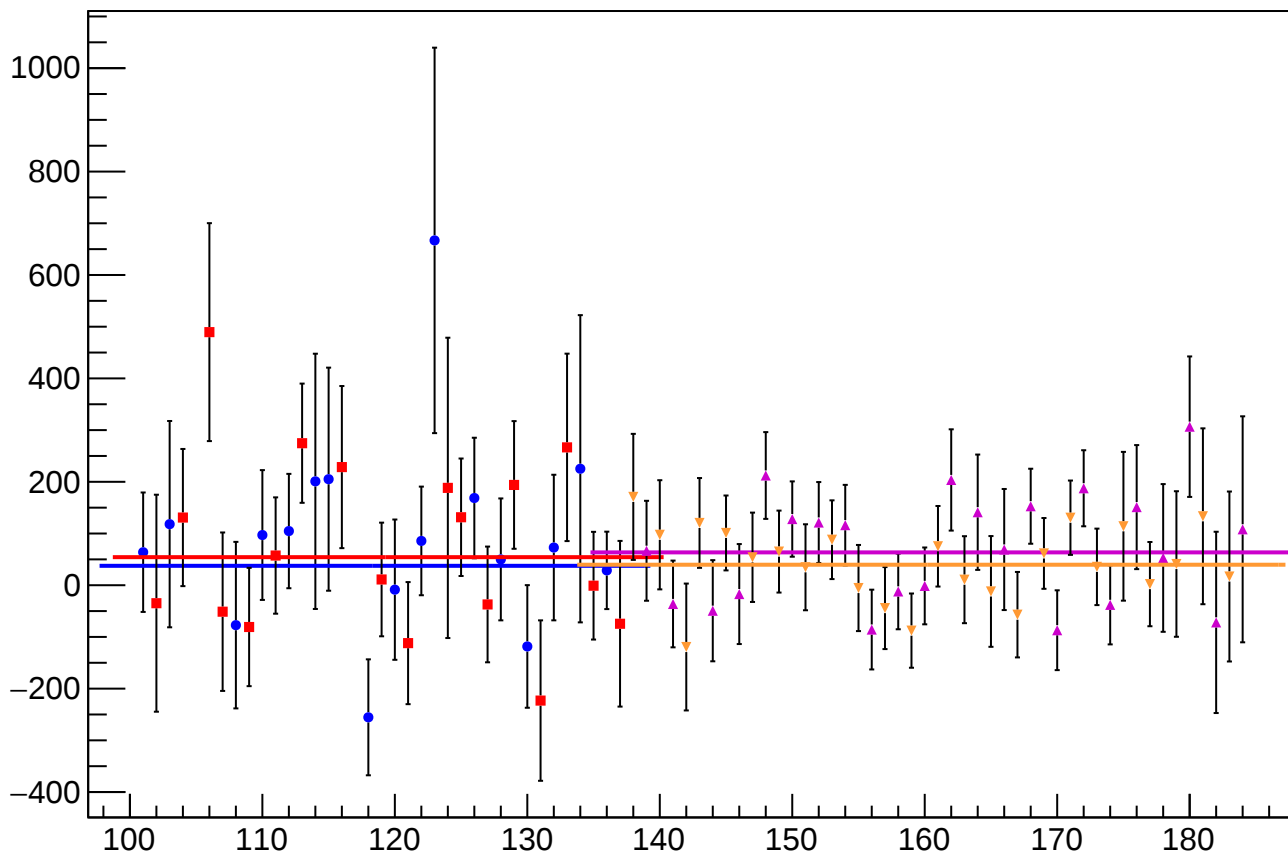
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 189.019 $\pm$ 0.029 χ^2 /NDF: 5393998.7/39

Out: 190.860 $\pm$ 0.029 χ^2 /NDF: 5923797.6/41

All: 189.945 $\pm$ 0.020 χ^2 /NDF: 11319846.6/83

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.642 $\pm$ 17.947 χ^2 /NDF:14.3/23

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 63.496 $\pm$ 18.723 χ^2 /NDF:30.8/22

Left: 51.064 $\pm$ 12.956 χ^2 /NDF: 45.9/46

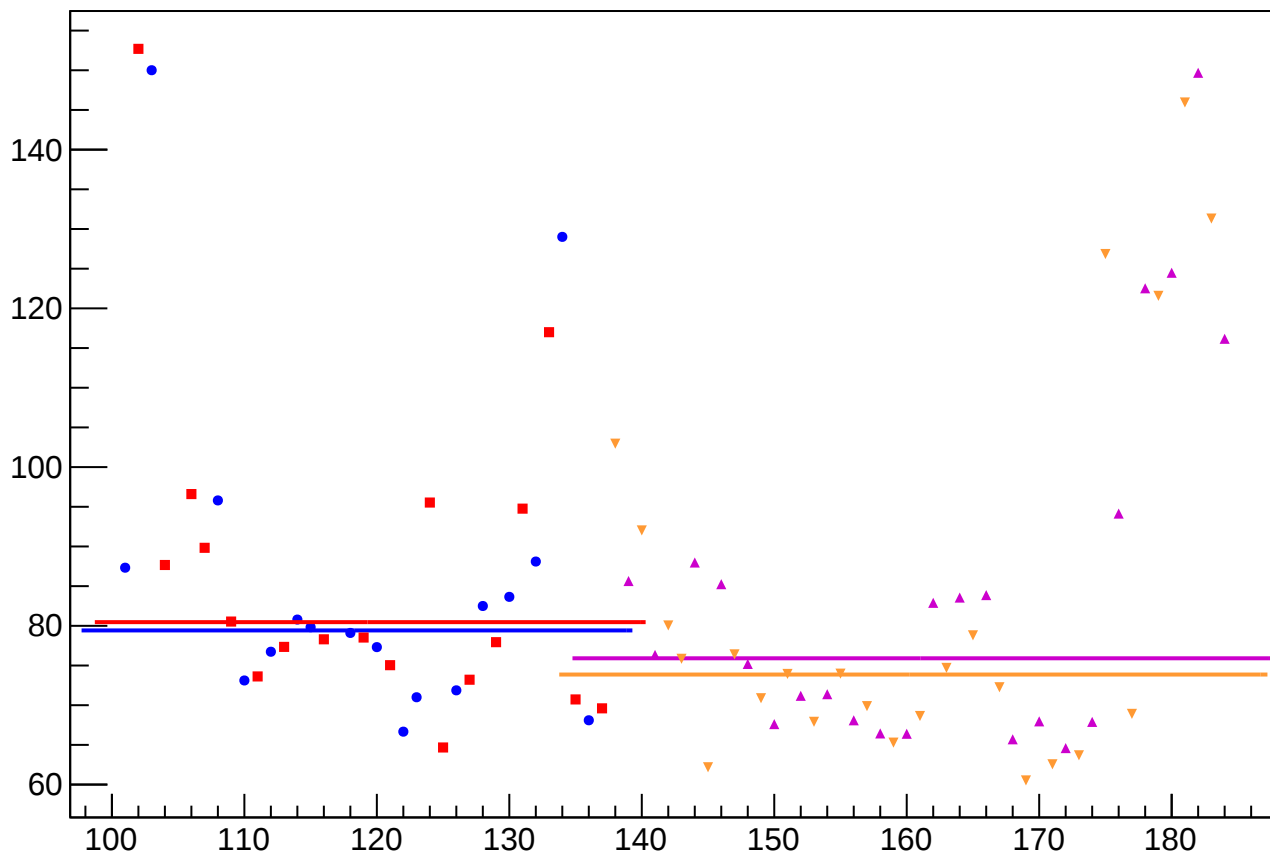
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 56.706 $\pm$ 16.089 χ^2 /NDF:47.1/39

Out: 43.230 $\pm$ 15.592 χ^2 /NDF:36.2/41

All: 49.757 $\pm$ 11.197 χ^2 /NDF: 83.7/81

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.863 $\pm$ 0.013 χ^2 /NDF:1571395.3/23

Right Out: 80.465 $\pm$ 0.022 χ^2 /NDF: 454376.0/17

Left In: 75.910 $\pm$ 0.013 χ^2 /NDF:1292273.0/22

Left: 74.843 $\pm$ 0.009 χ^2 /NDF: 2876129.0/46

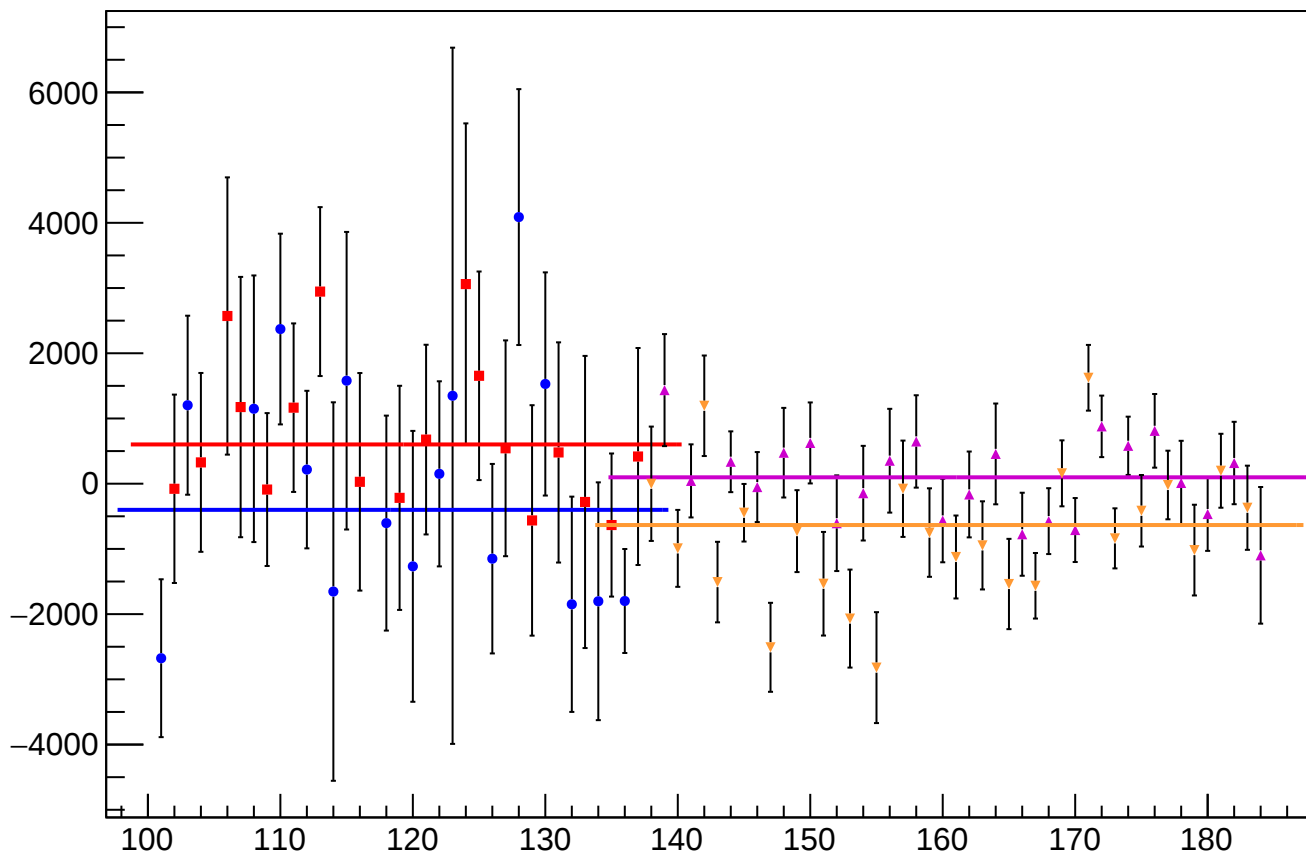
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.828 $\pm$ 0.011 χ^2 /NDF:1749719.9/39

Out: 75.482 $\pm$ 0.011 χ^2 /NDF:2092143.4/41

All: 76.134 $\pm$ 0.008 χ^2 /NDF: 3849089.3/81

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -633.902+/-124.197 χ^2/NDF : 61.2/23

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 97.833+/-125.782 χ^2/NDF : 21.3/22

Left: -272.675+/-88.376 χ^2/NDF : 99.7/46

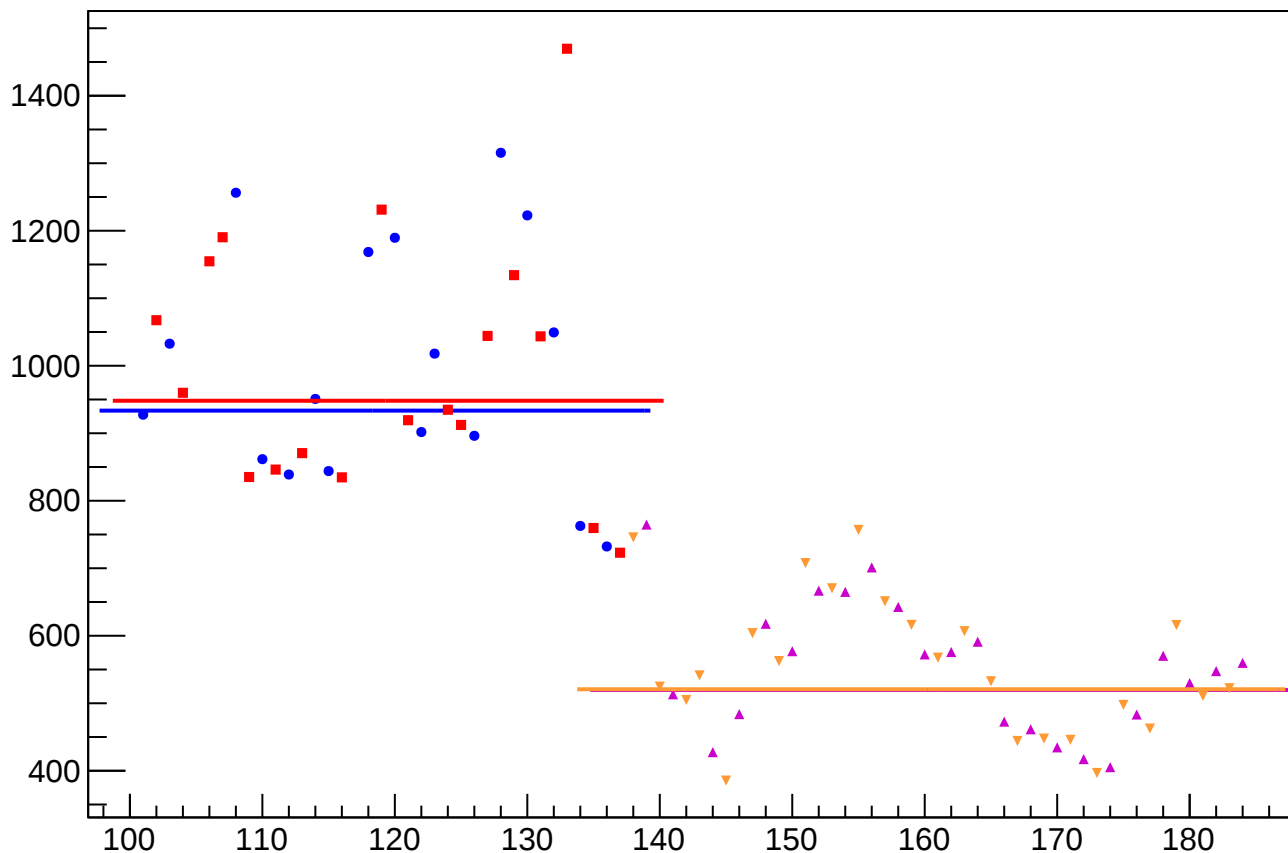
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 45.769+/-119.038 χ^2/NDF : 44.9/39

Out: -504.825+/-117.532 χ^2/NDF : 80.3/41

All: -233.033+/-83.635 χ^2/NDF : 135.9/81

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 520.718 $\pm$ 0.088 χ^2 /NDF: 1194322.8/23

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 519.615 $\pm$ 0.089 χ^2 /NDF: 1029150.7/22

Left: 520.173 $\pm$ 0.062 χ^2 /NDF: 2223551.3/46

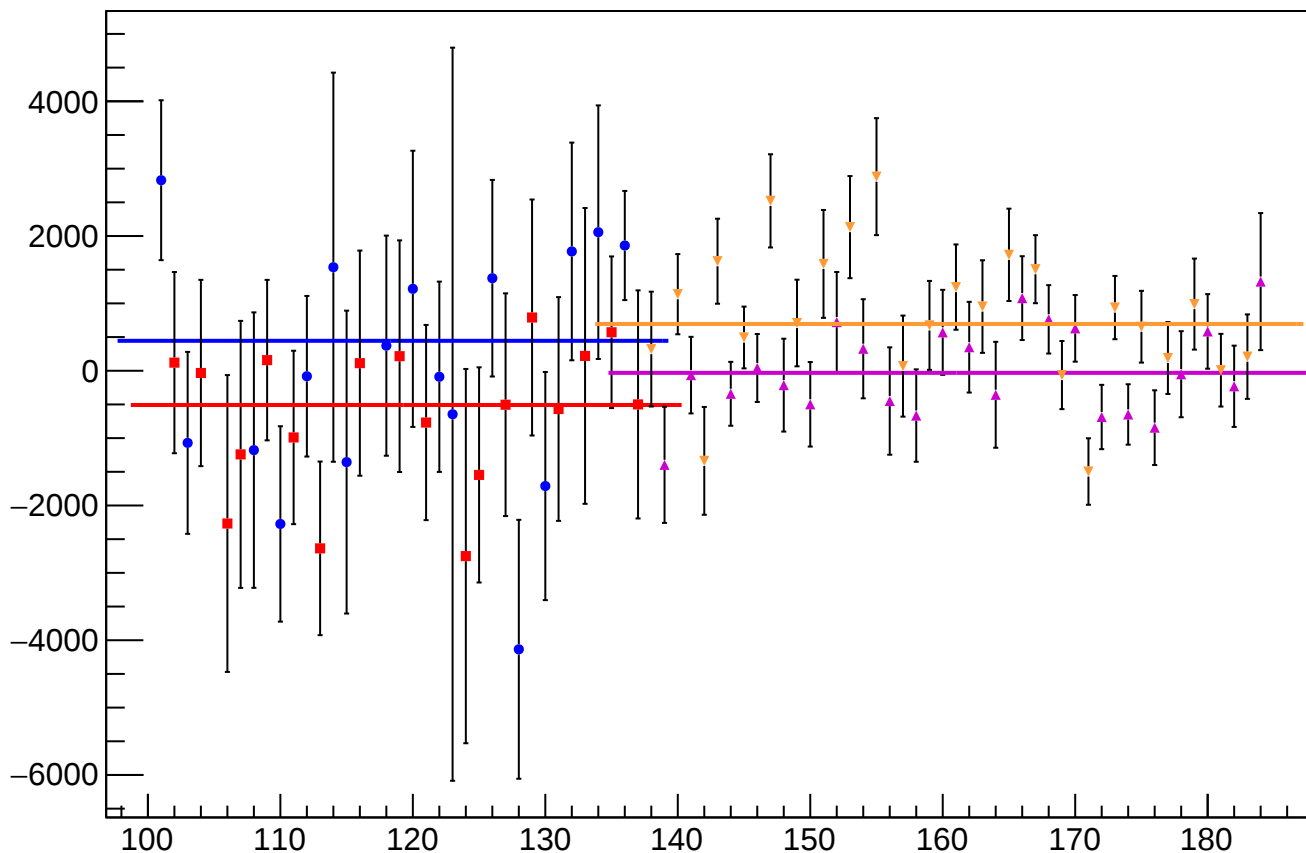
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 562.812 $\pm$ 0.084 χ^2 /NDF: 3731728.3/39

Out: 565.360 $\pm$ 0.083 χ^2 /NDF: 4073522.5/41

All: 564.103 $\pm$ 0.059 χ^2 /NDF: 7805714.9/81

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 694.505+/-124.355 χ^2/NDF : 59.7/23

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -31.056+/-125.236 χ^2/NDF : 23.8/22

Left: 334.286+/-88.242 χ^2/NDF : 100.4/46

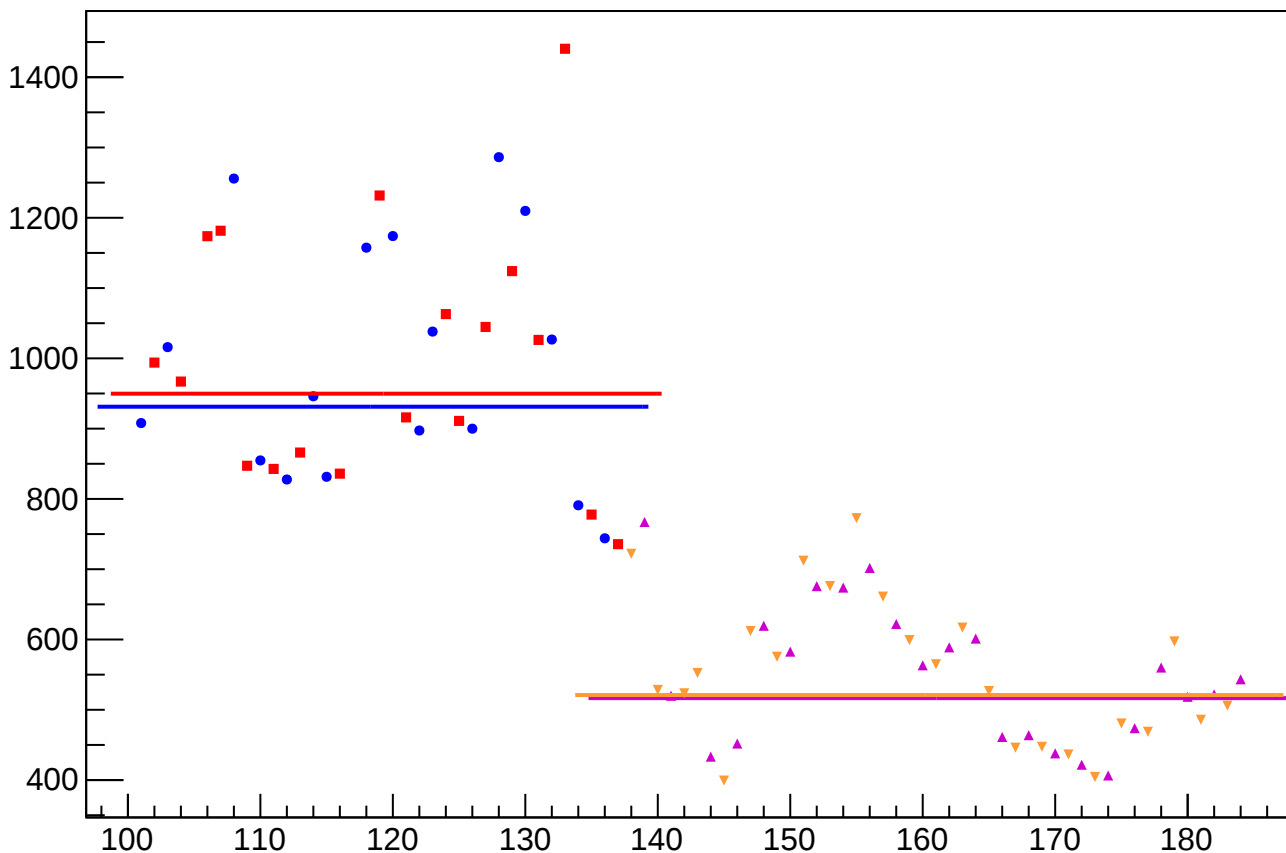
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: 18.539+/-118.529 χ^2/NDF : 48.3/39

Out: 568.869+/-117.681 χ^2/NDF : 76.7/41

All: 295.679+/-83.511 χ^2/NDF : 135.8/81

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 521.015+/-0.088 χ^2/NDF : 1152579.9/23

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 516.594+/-0.089 χ^2/NDF : 1036092.8/22

Left: 518.820+/-0.062 χ^2/NDF : 2189927.7/46

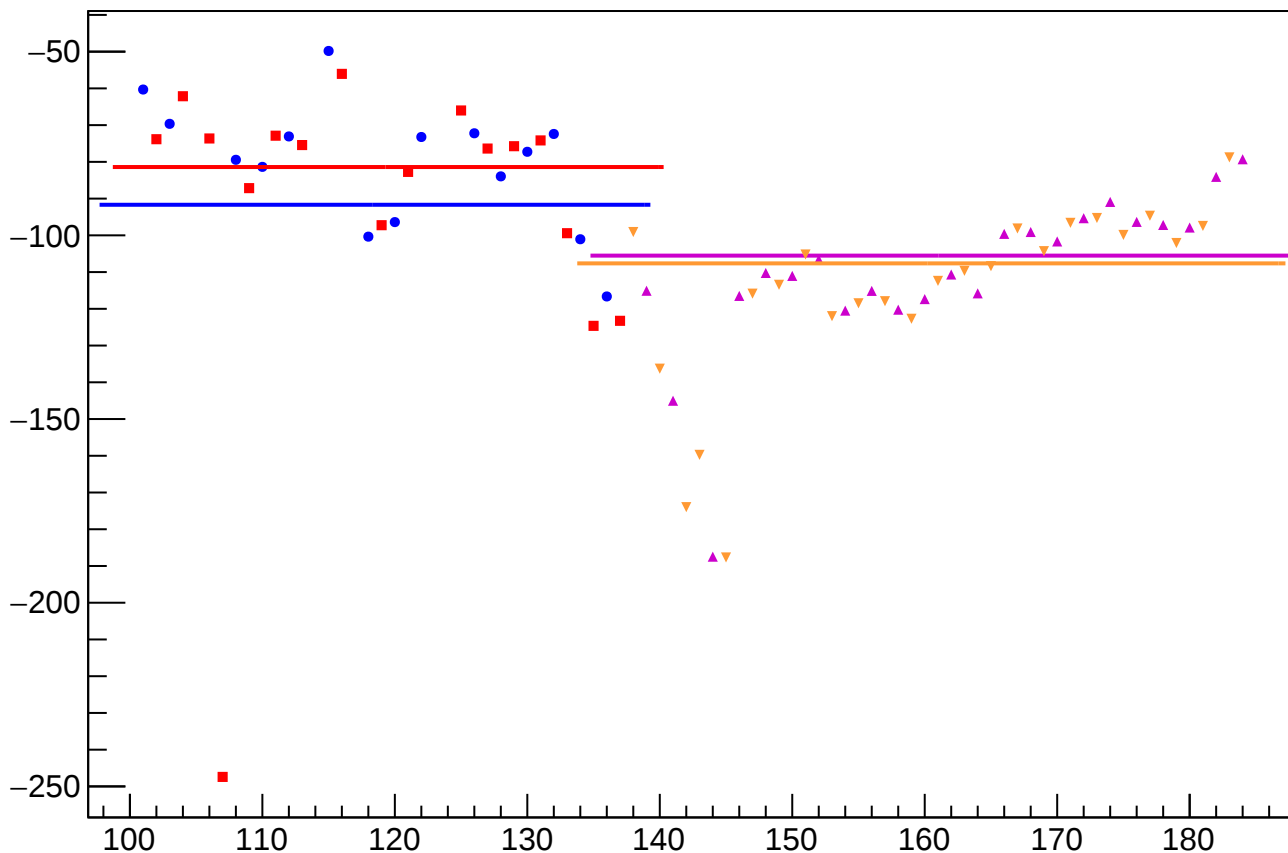
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 559.818+/-0.084 χ^2/NDF : 3721548.8/39

Out: 565.799+/-0.083 χ^2/NDF : 4001283.7/41

All: 562.830+/-0.059 χ^2/NDF : 7725397.6/81

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -107.631 ± 0.051 $\chi^2/\text{NDF}: 78570.5/23$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -105.520 ± 0.046 $\chi^2/\text{NDF}: 128731.9/22$

Left: -106.464 ± 0.034 $\chi^2/\text{NDF}: 208259.3/46$

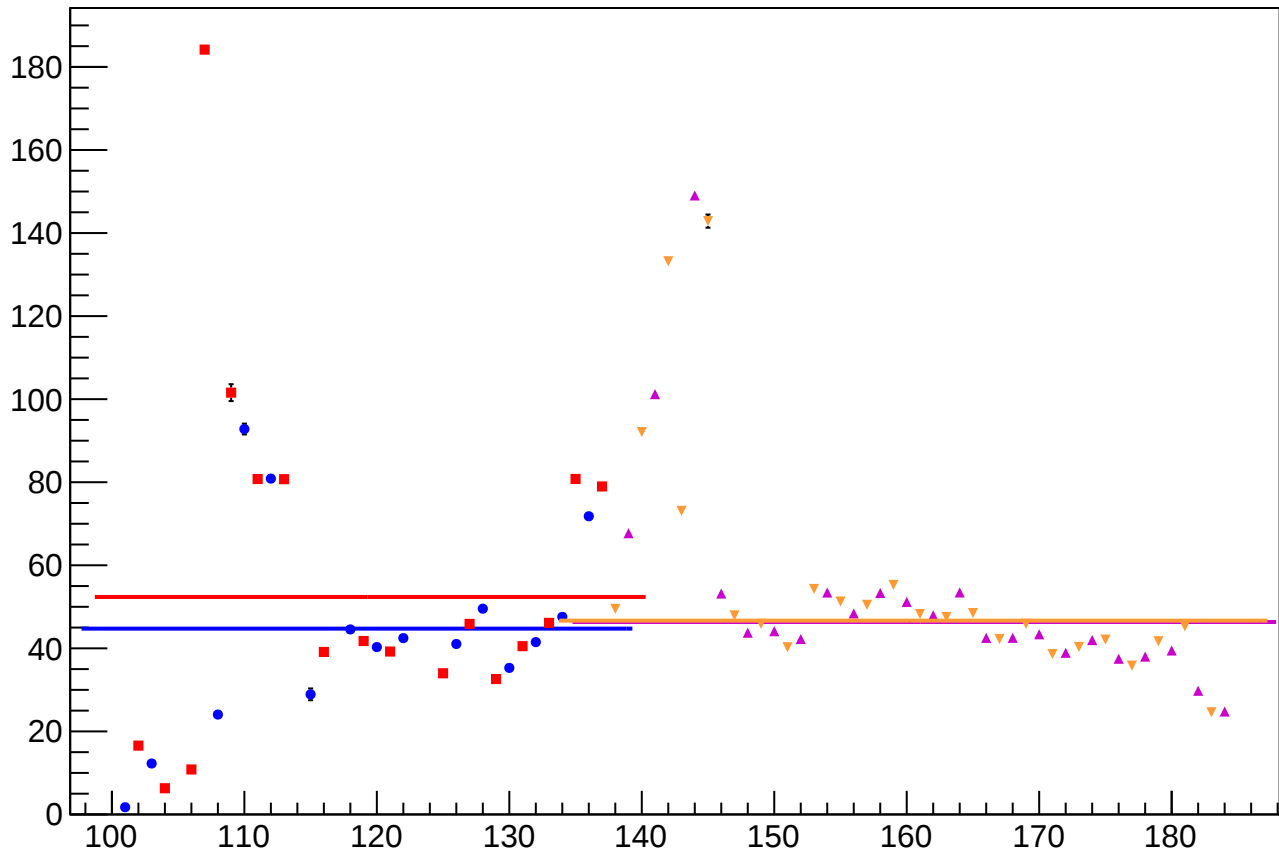
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -101.401 ± 0.038 $\chi^2/\text{NDF}: 220709.5/37$

Out: -102.127 ± 0.045 $\chi^2/\text{NDF}: 176324.8/40$

All: -101.705 ± 0.029 $\chi^2/\text{NDF}: 397184.9/78$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 46.668+/-0.043 χ^2/NDF : 71029.9/23

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 46.346+/-0.040 χ^2/NDF : 165523.0/22

Left: 46.495+/-0.029 χ^2/NDF : 236583.3/46

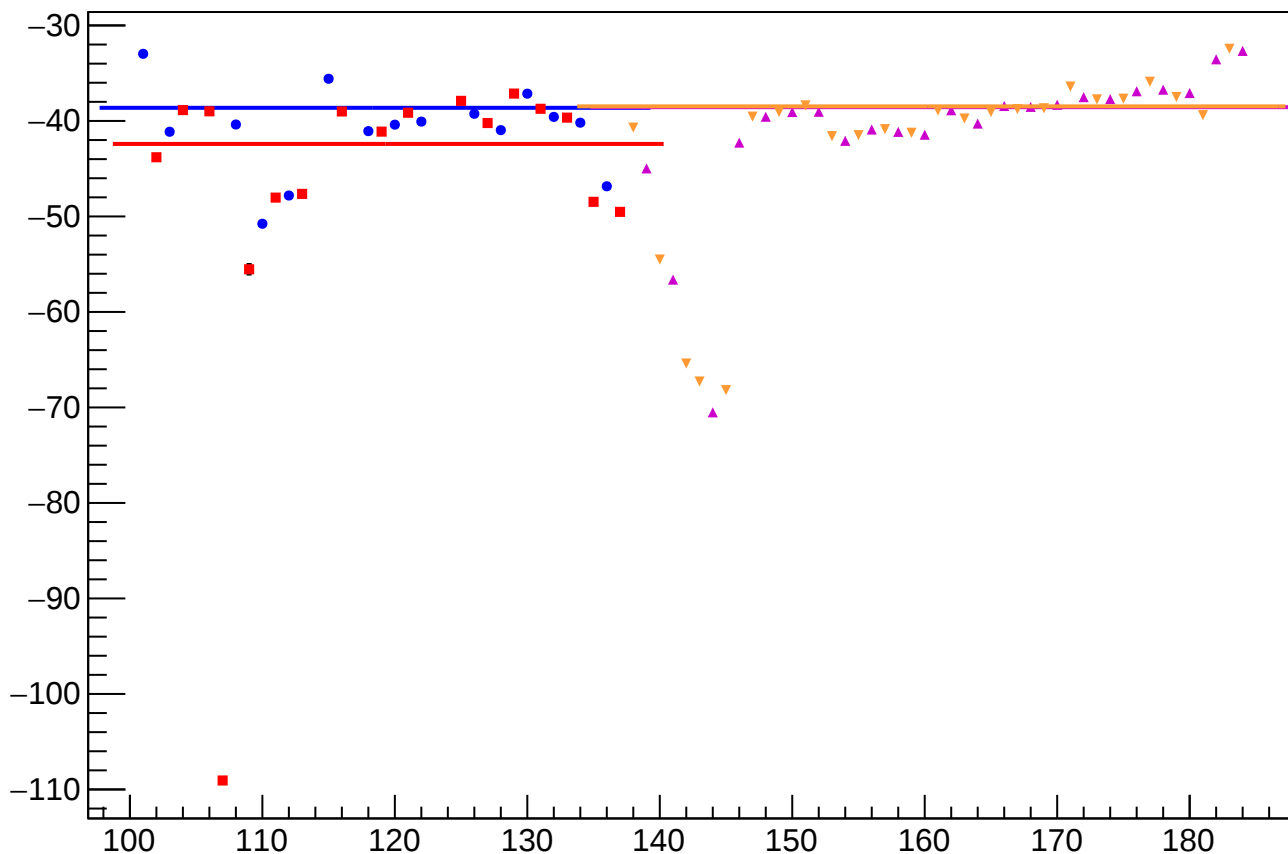
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 45.865+/-0.033 χ^2/NDF : 250710.1/37

Out: 47.387+/-0.040 χ^2/NDF : 142554.8/40

All: 46.486+/-0.026 χ^2/NDF : 394122.1/78

dit_usl_11X12X_slope vs Slug, Sign Corrected



Left: -38.512 ± 0.004 $\chi^2/\text{NDF}: 829594.9/46$

Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -38.585 ± 0.005 $\chi^2/\text{NDF}: 574856.8/37$

Out: -38.754 ± 0.006 $\chi^2/\text{NDF}: 795628.7/40$

All: -38.661 ± 0.004 $\chi^2/\text{NDF}: 1370972.5/78$

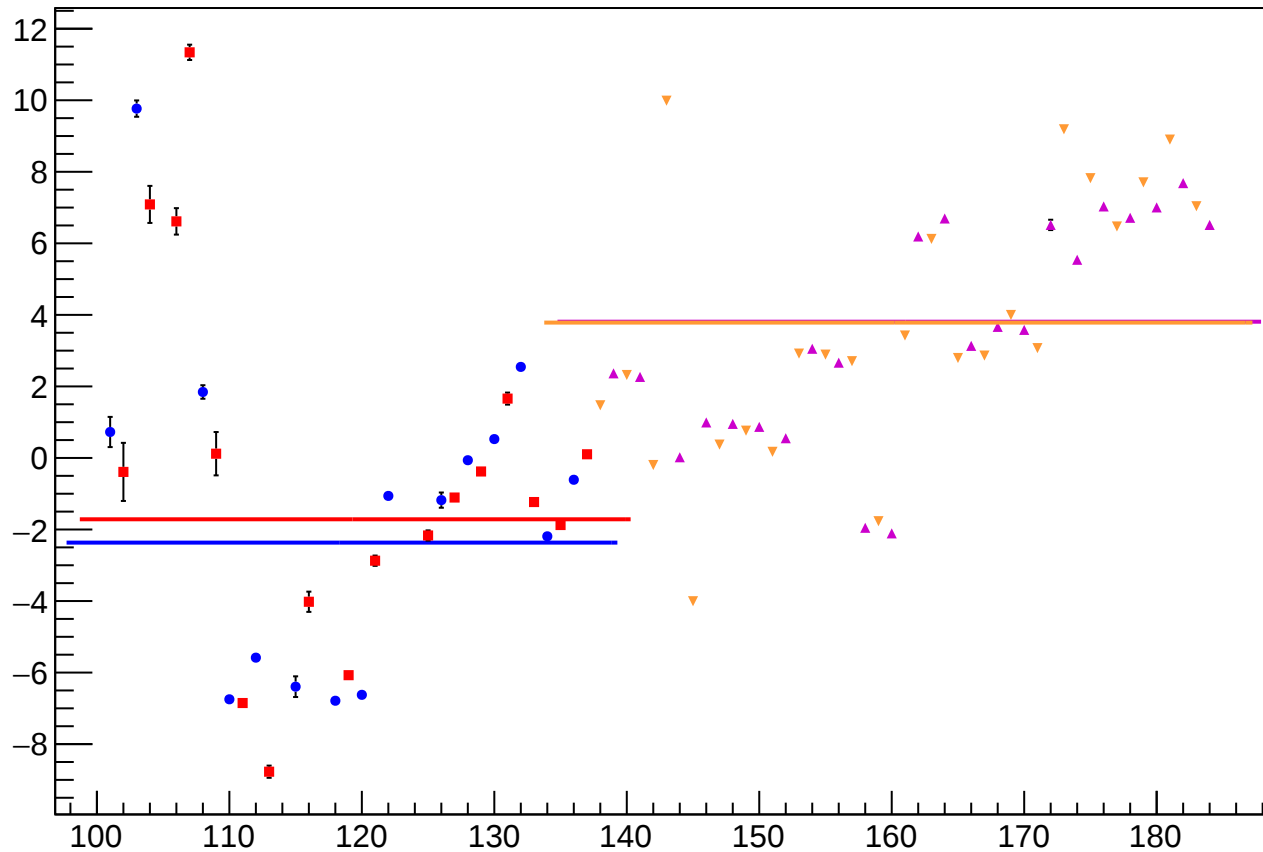
Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -38.473 ± 0.006 $\chi^2/\text{NDF}: 494789.2/23$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -38.560 ± 0.007 $\chi^2/\text{NDF}: 334709.2/22$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 $\pm$ 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.784 $\pm$ 0.007 χ^2/NDF : 202945.6/23

Right Out: -1.715 $\pm$ 0.027 χ^2/NDF : 12719.3/16

Left In: 3.809 $\pm$ 0.006 χ^2/NDF : 229467.1/22

Left: 3.799 $\pm$ 0.004 χ^2/NDF : 432420.0/46

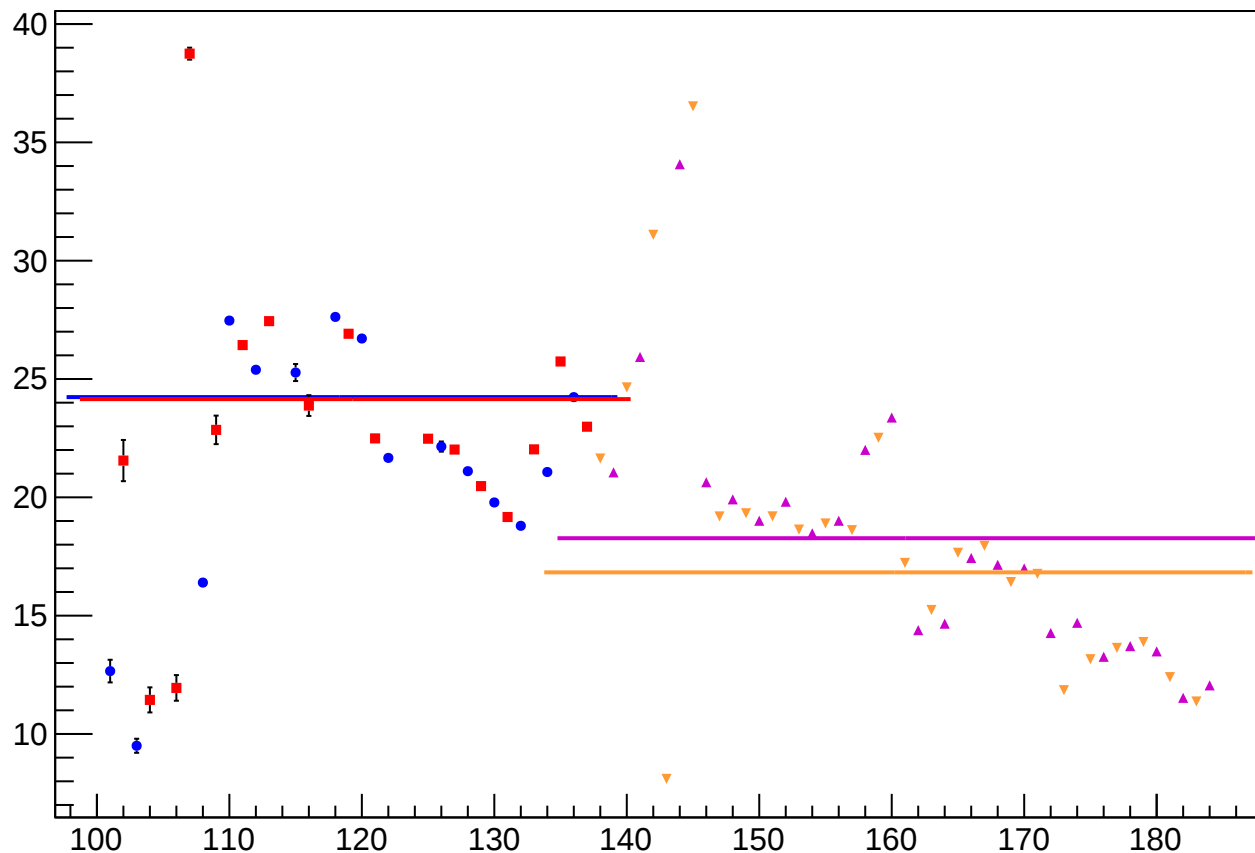
Right: -2.227 $\pm$ 0.012 χ^2/NDF : 41975.5/31

In: 2.900 $\pm$ 0.005 χ^2/NDF : 422481.0/37

Out: 3.440 $\pm$ 0.007 χ^2/NDF : 254575.2/40

All: 3.110 $\pm$ 0.004 χ^2/NDF : 680951.7/78

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.830 $\pm$ 0.007 χ^2 /NDF:189279.2/23

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

Left: 17.551 $\pm$ 0.005 χ^2 /NDF: 447462.3/46

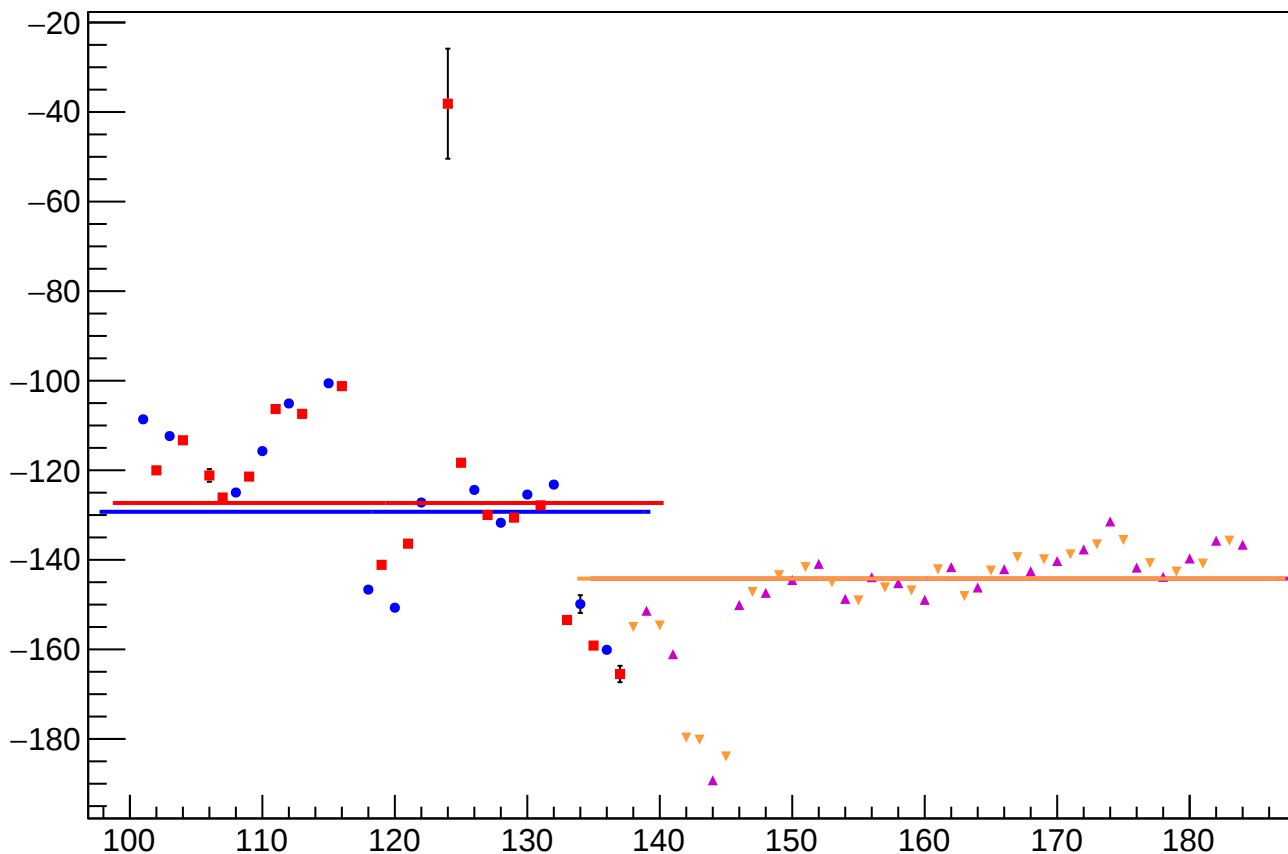
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.838 $\pm$ 0.007 χ^2 /NDF:325966.5/37

Out: 17.407 $\pm$ 0.007 χ^2 /NDF:285608.5/40

All: 18.129 $\pm$ 0.005 χ^2 /NDF: 633644.7/78

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 $\pm$ 0.088 χ^2 /NDF: 35109.7/14

Left Out: -144.193 $\pm$ 0.042 χ^2 /NDF: 43581.8/23

Right Out: -127.303 $\pm$ 0.084 χ^2 /NDF: 29597.3/17

Left In: -144.184 $\pm$ 0.045 χ^2 /NDF: 34723.9/22

Left: -144.189 $\pm$ 0.031 χ^2 /NDF: 78305.7/46

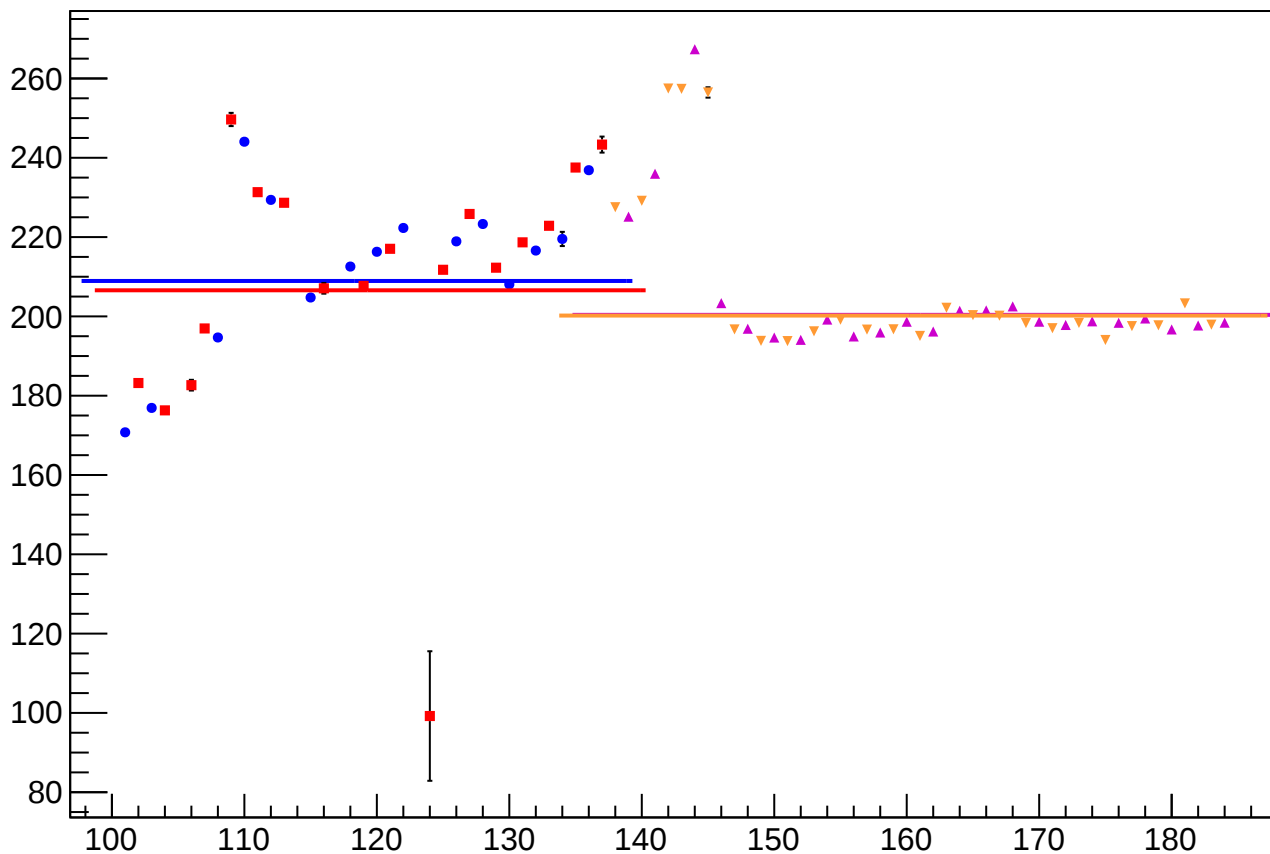
Right: -128.248 $\pm$ 0.061 χ^2 /NDF: 64968.8/32

In: -141.073 $\pm$ 0.040 χ^2 /NDF: 92674.3/37

Out: -140.858 $\pm$ 0.037 χ^2 /NDF: 105381.4/41

All: -140.958 $\pm$ 0.027 χ^2 /NDF: 198071.0/79

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.208 $\pm$ 0.035 χ^2 /NDF:109327.2/23

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.386 $\pm$ 0.039 χ^2 /NDF:77918.6/22

Left: 200.286 $\pm$ 0.026 χ^2 /NDF: 187257.4/46

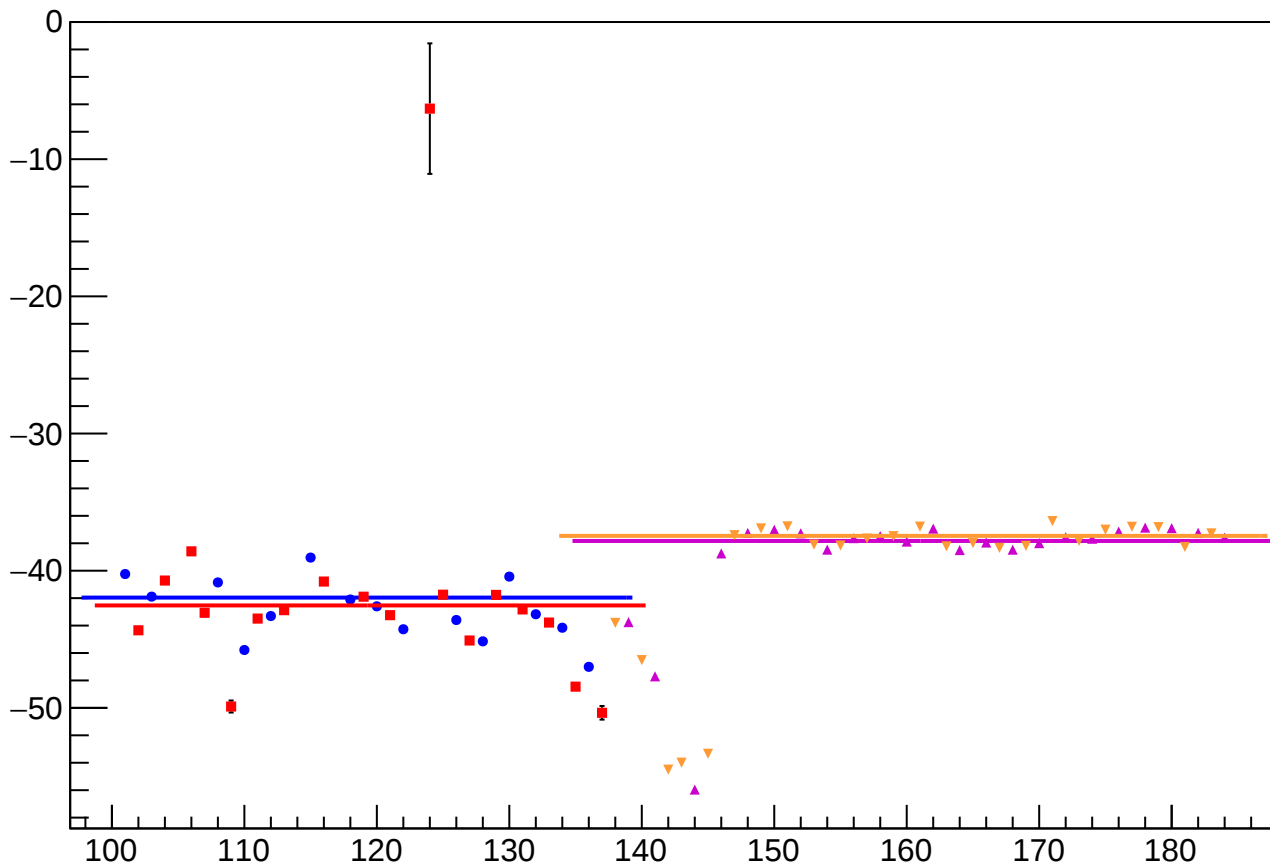
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.766 $\pm$ 0.036 χ^2 /NDF:130303.4/37

Out: 201.146 $\pm$ 0.032 χ^2 /NDF:162542.5/41

All: 201.420 $\pm$ 0.024 χ^2 /NDF: 293012.5/79

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.460 $\pm$ 0.004 χ^2 /NDF: 231546.5/23

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.832 $\pm$ 0.004 χ^2 /NDF: 142924.4/22

Left: -37.625 $\pm$ 0.003 χ^2 /NDF: 378893.5/46

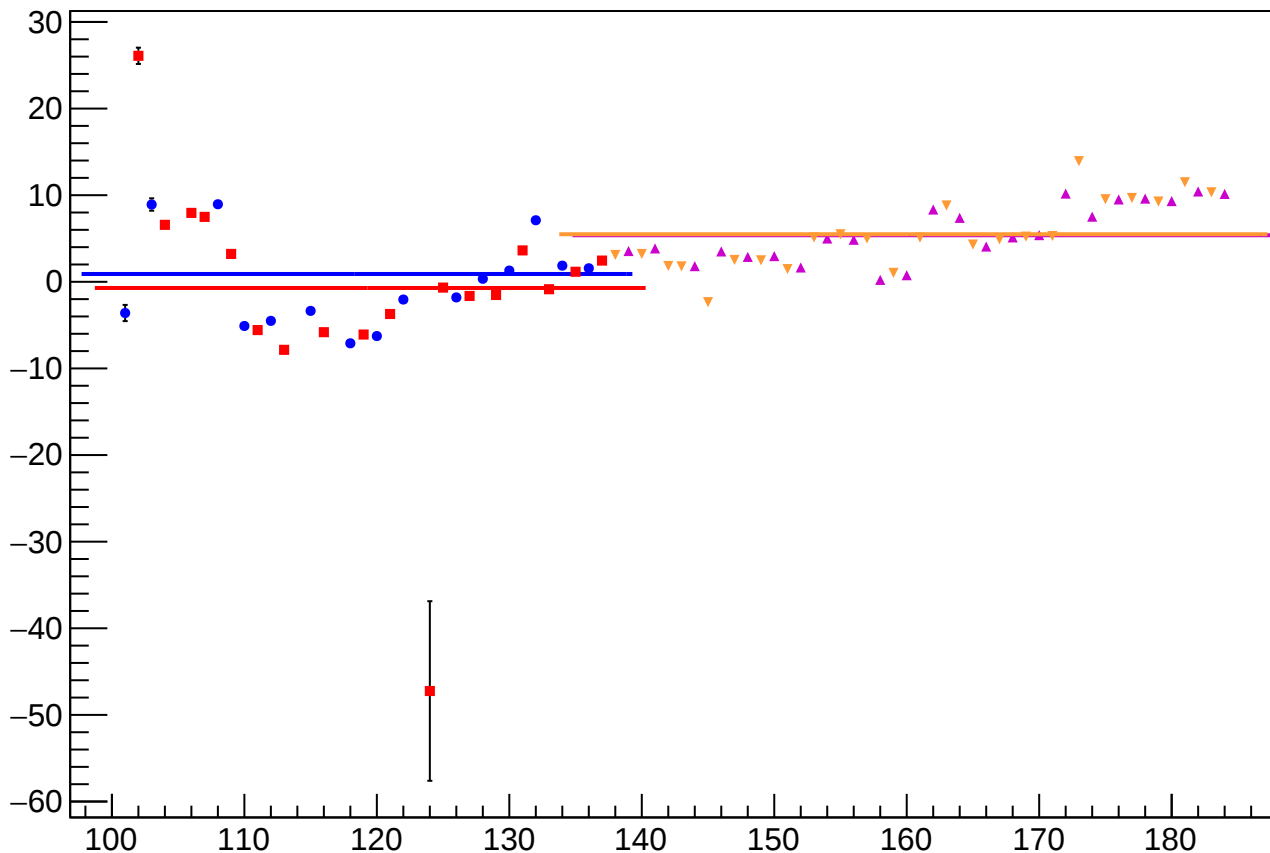
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.106 $\pm$ 0.004 χ^2 /NDF: 232460.0/37

Out: -37.620 $\pm$ 0.004 χ^2 /NDF: 296091.2/41

All: -37.841 $\pm$ 0.003 χ^2 /NDF: 536519.8/79

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.020 χ^2 /NDF: 21140.4/14

Left Out: 5.493 $\pm$ 0.006 χ^2 /NDF:295416.3/23

Right Out: -0.711 $\pm$ 0.024 χ^2 /NDF: 30723.8/17

Left In: 5.375 $\pm$ 0.007 χ^2 /NDF:205713.7/22

Left: 5.443 $\pm$ 0.004 χ^2 /NDF: 501312.1/46

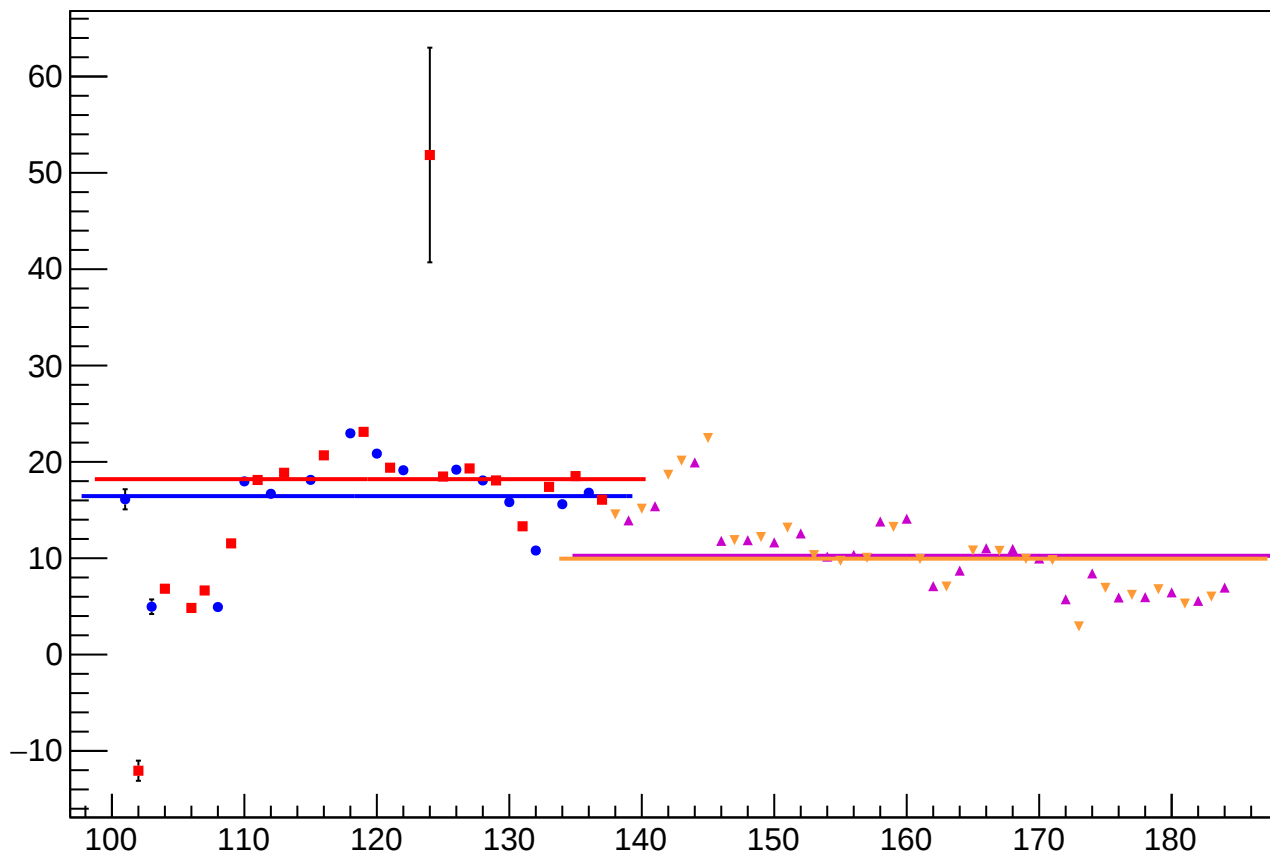
Right: 0.250 $\pm$ 0.015 χ^2 /NDF: 54492.0/32

In: 4.936 $\pm$ 0.006 χ^2 /NDF:271746.5/37

Out: 5.168 $\pm$ 0.006 χ^2 /NDF:387900.3/41

All: 5.066 $\pm$ 0.004 χ^2 /NDF: 660409.2/79

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 9.954 $\pm$ 0.007 χ^2 /NDF: 210293.1/23

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.254 $\pm$ 0.008 χ^2 /NDF: 137399.6/22

Left: 10.086 $\pm$ 0.005 χ^2 /NDF: 348467.5/46

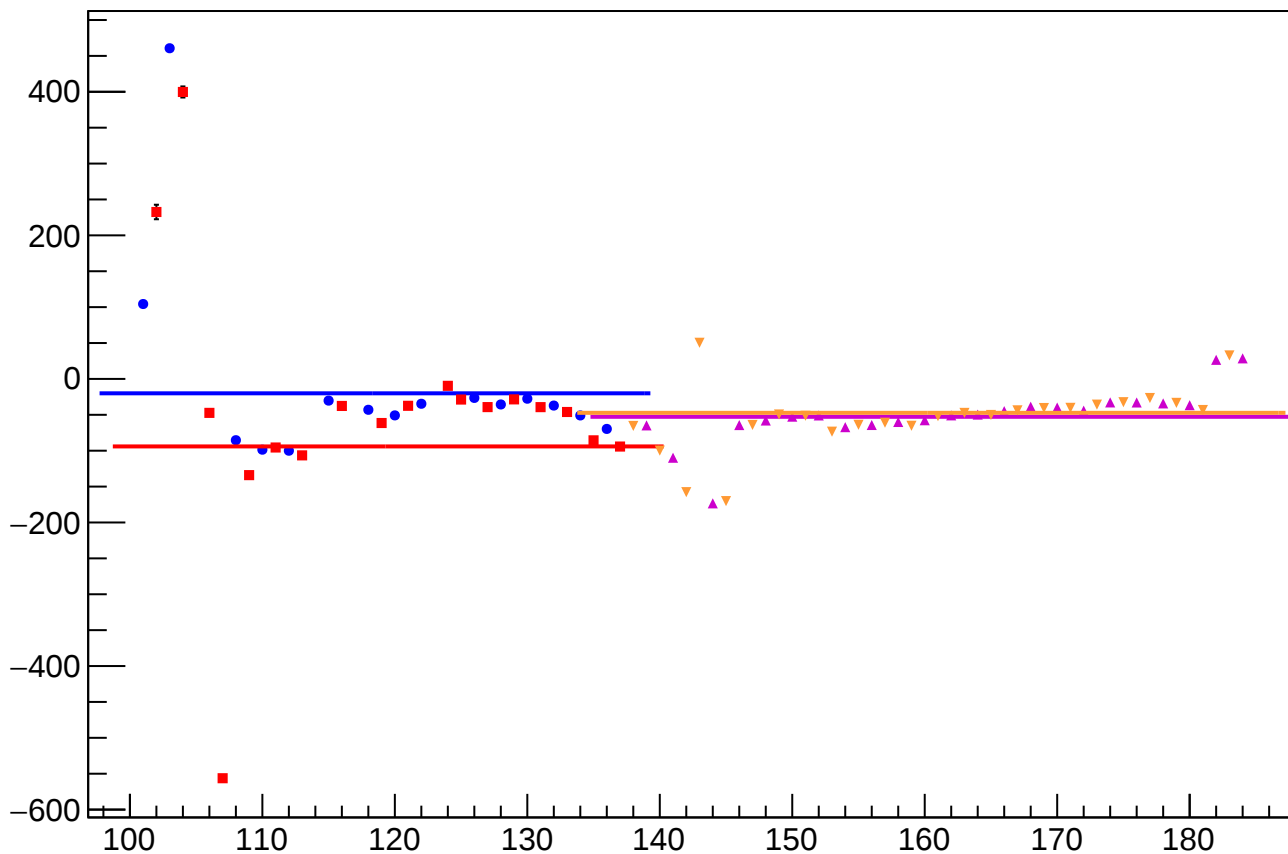
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 10.867 $\pm$ 0.008 χ^2 /NDF: 209587.5/37

Out: 10.857 $\pm$ 0.007 χ^2 /NDF: 383104.1/41

All: 10.861 $\pm$ 0.005 χ^2 /NDF: 592692.6/79

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -47.236 ± 0.089 $\chi^2/\text{NDF}: 90111.9/23$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -52.769 ± 0.103 $\chi^2/\text{NDF}: 70359.7/22$

Left: -49.586 ± 0.067 $\chi^2/\text{NDF}: 162128.9/46$

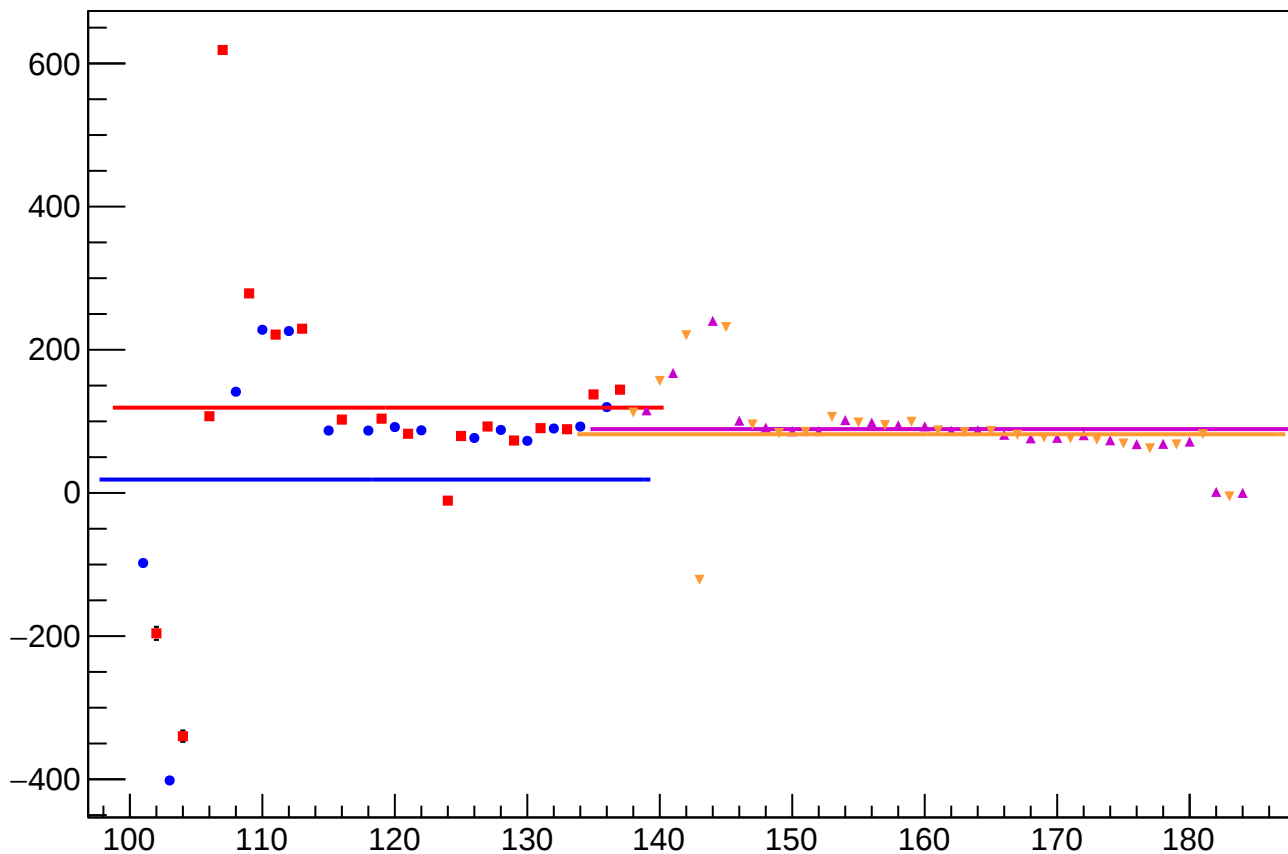
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.570 ± 0.086 $\chi^2/\text{NDF}: 543217.2/37$

Out: -93.146 ± 0.012 $\chi^2/\text{NDF}: 451472.5/41$

All: -92.118 ± 0.012 $\chi^2/\text{NDF}: 1337375.9/79$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 81.976+/-0.078 χ^2/NDF : 219583.1/23

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 89.202+/-0.090 χ^2/NDF : 95378.9/22

Left: 85.095+/-0.059 χ^2/NDF : 318635.6/46

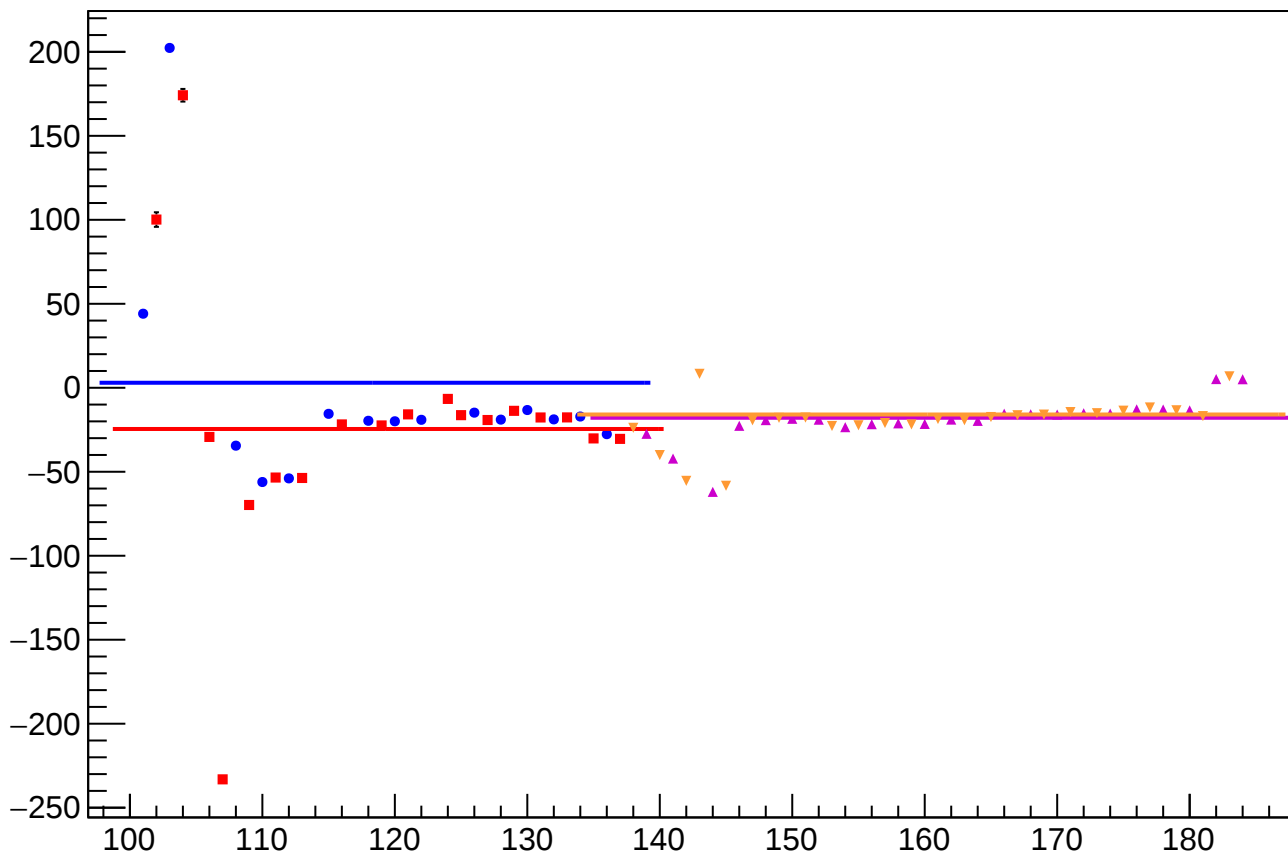
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 70.958+/-0.077 χ^2/NDF : 1356323.7/37

Out: 86.953+/-0.073 χ^2/NDF : 337210.2/41

All: 79.433+/-0.053 χ^2/NDF : 1716173.1/79

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -15.912 ± 0.011 $\chi^2/\text{NDF}: 672177.5/23$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -17.854 ± 0.012 $\chi^2/\text{NDF}: 251583.5/22$

Left: -16.761 ± 0.008 $\chi^2/\text{NDF}: 938106.2/46$

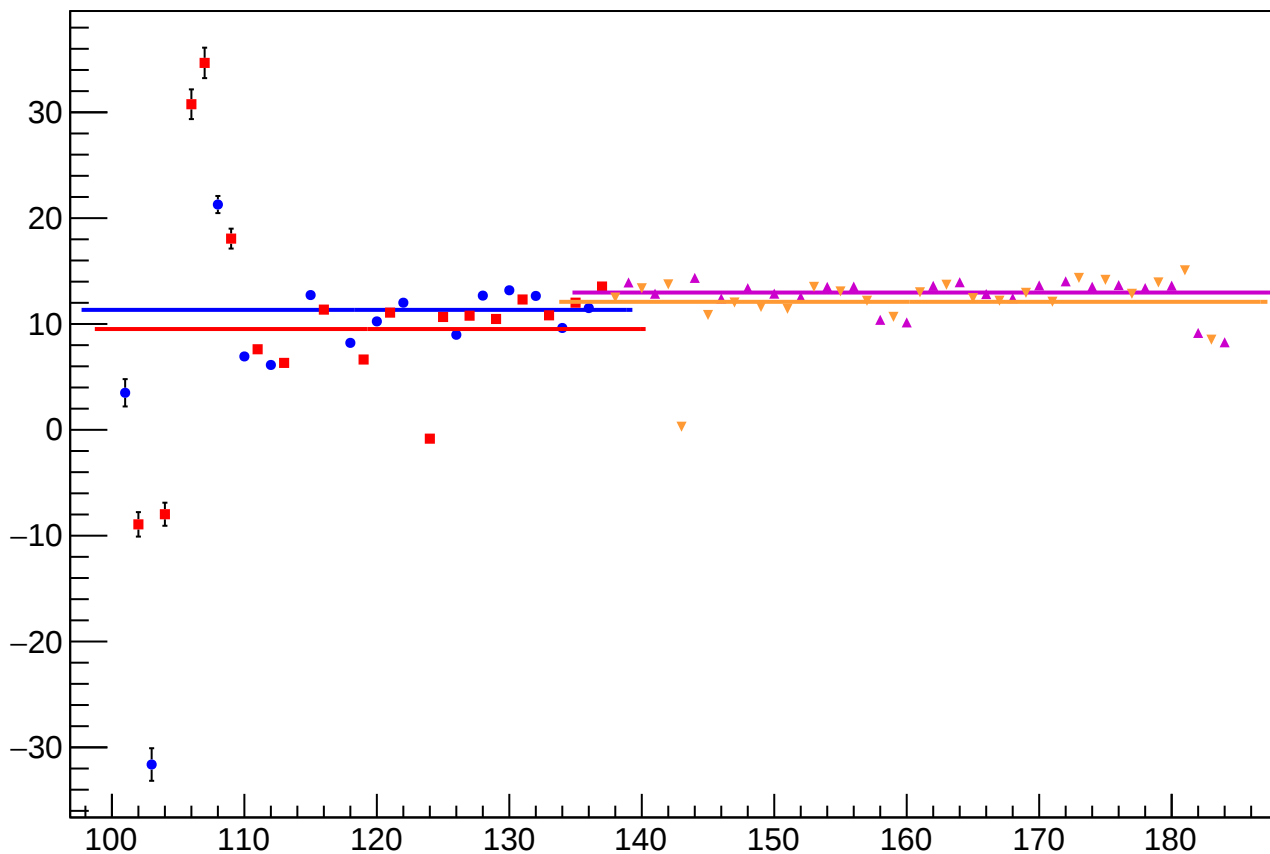
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.311 ± 0.011 $\chi^2/\text{NDF}: 4247266.7/37$

Out: -16.403 ± 0.010 $\chi^2/\text{NDF}: 885490.7/41$

All: -15.422 ± 0.008 $\chi^2/\text{NDF}: 5151679.3/79$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.095 $\pm$ 0.014 χ^2 /NDF:38884.4/23

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.971 $\pm$ 0.011 χ^2 /NDF:9592.9/22

Left: 12.615 $\pm$ 0.009 χ^2 /NDF: 50941.4/46

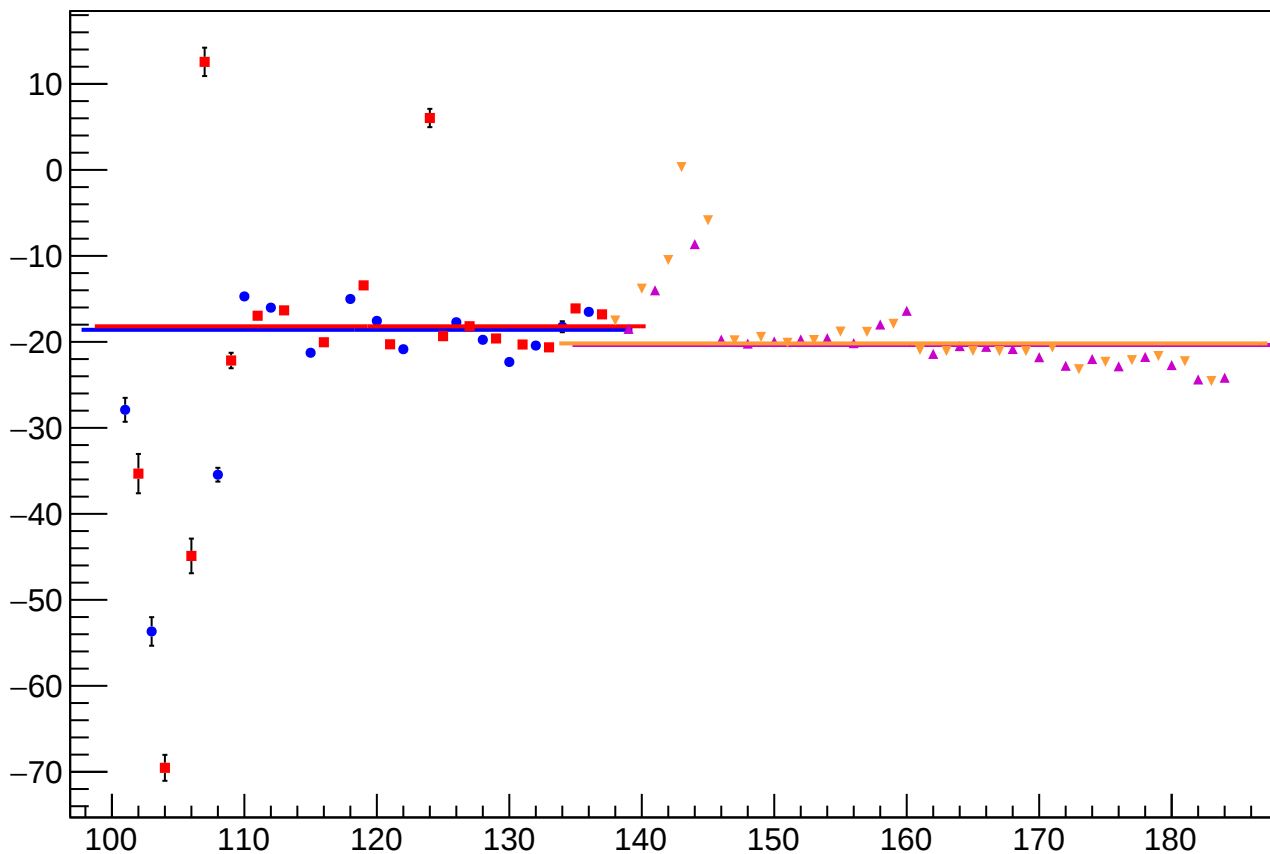
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.835 $\pm$ 0.011 χ^2 /NDF:13757.8/37

Out: 11.904 $\pm$ 0.013 χ^2 /NDF:45605.1/41

All: 12.459 $\pm$ 0.008 χ^2 /NDF: 62380.8/79

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -20.179 ± 0.014 $\chi^2/\text{NDF}: 74922.3/23$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.362 ± 0.015 $\chi^2/\text{NDF}: 19964.2/22$

Left: -20.267 ± 0.010 $\chi^2/\text{NDF}: 94962.7/46$

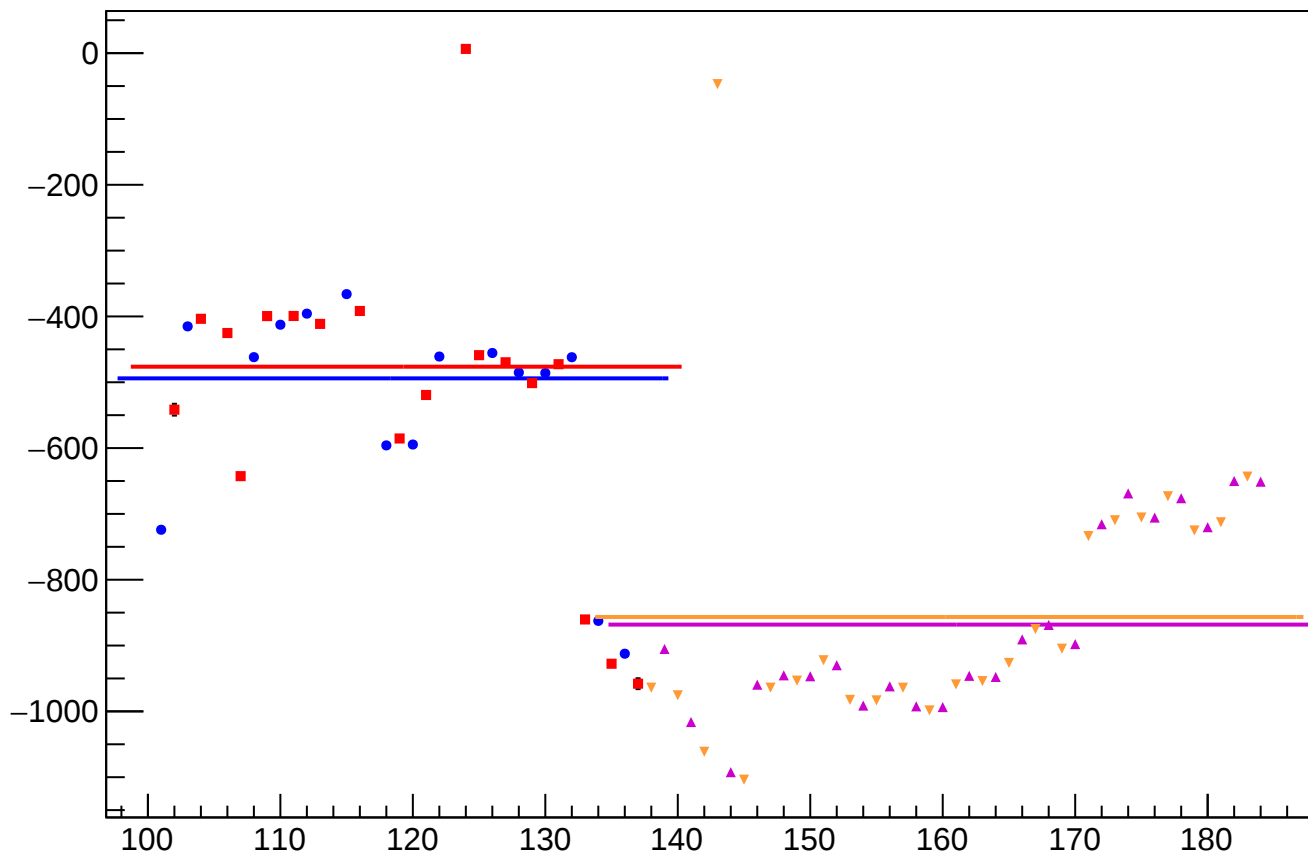
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -20.111 ± 0.014 $\chi^2/\text{NDF}: 28088.6/37$

Out: -20.023 ± 0.014 $\chi^2/\text{NDF}: 81295.4/41$

All: -20.066 ± 0.010 $\chi^2/\text{NDF}: 109404.1/79$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -856.625 ± 0.146 $\chi^2/\text{NDF}: 979738.8/23$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -868.181 ± 0.145 $\chi^2/\text{NDF}: 820548.1/22$

Left: -862.410 ± 0.103 $\chi^2/\text{NDF}: 1803442.9/46$

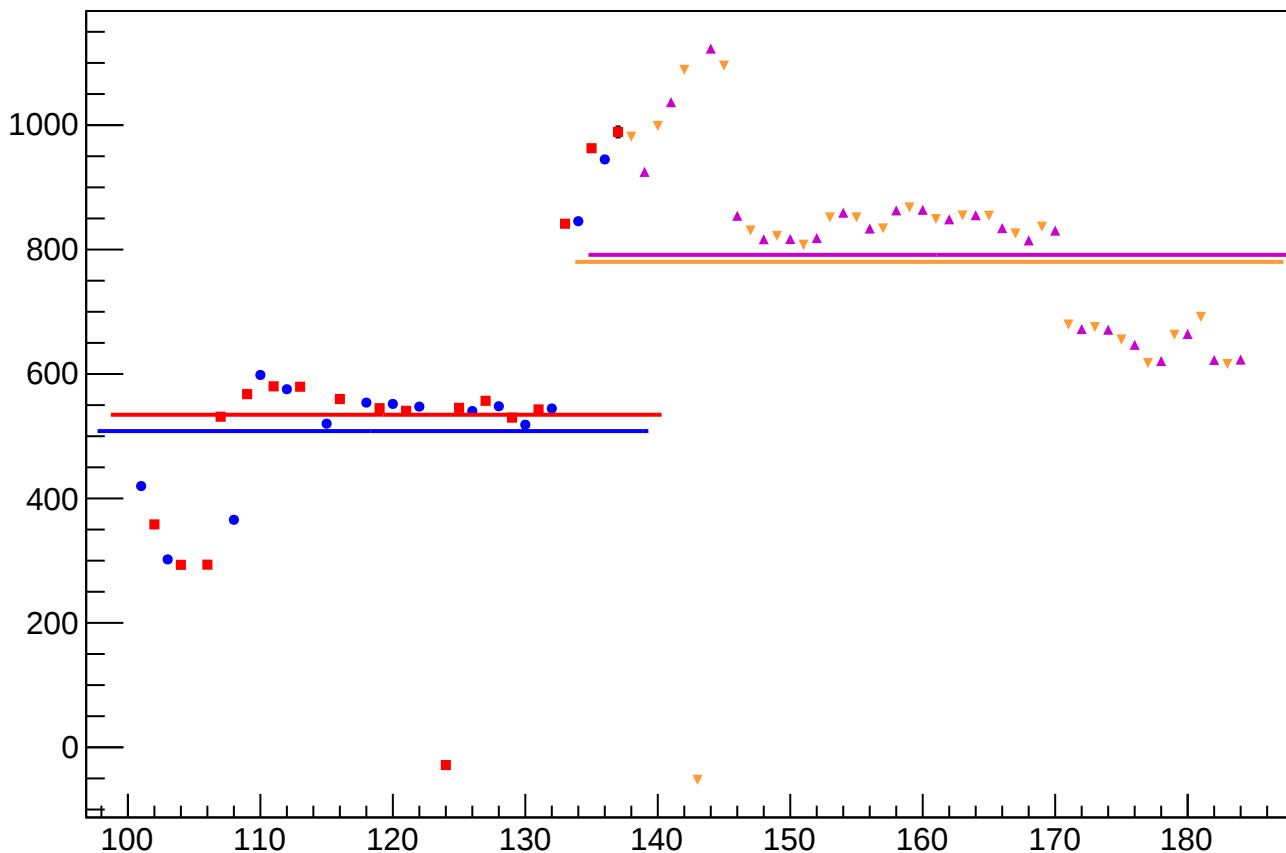
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -762.785 ± 0.123 $\chi^2/\text{NDF}: 3012572.4/37$

Out: -711.389 ± 0.114 $\chi^2/\text{NDF}: 4181802.6/41$

All: -735.189 ± 0.084 $\chi^2/\text{NDF}: 7287829.4/79$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 780.239 $\pm$ 0.120 χ^2 /NDF:913991.4/23

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 791.519 $\pm$ 0.122 χ^2 /NDF:690326.2/22

Left: 785.819 $\pm$ 0.086 χ^2 /NDF: 1608659.5/46

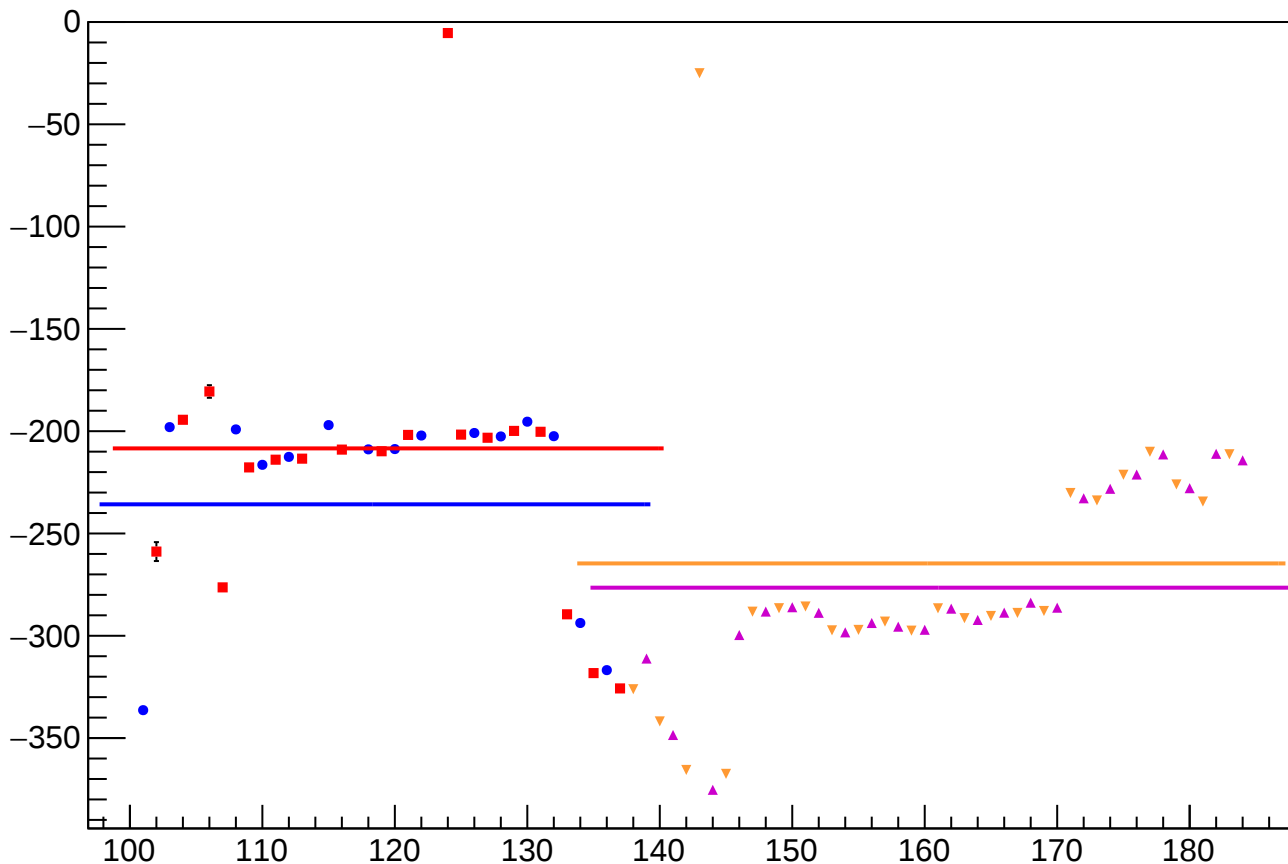
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 725.933 $\pm$ 0.107 χ^2 /NDF:2384544.5/37

Out: 722.480 $\pm$ 0.105 χ^2 /NDF:2261347.4/41

All: 724.184 $\pm$ 0.075 χ^2 /NDF: 4646422.7/79

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -264.637 ± 0.022 $\chi^2/\text{NDF}: 7445319.1/23$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

Left: -270.489 ± 0.015 $\chi^2/\text{NDF}: 10029242.9/46$

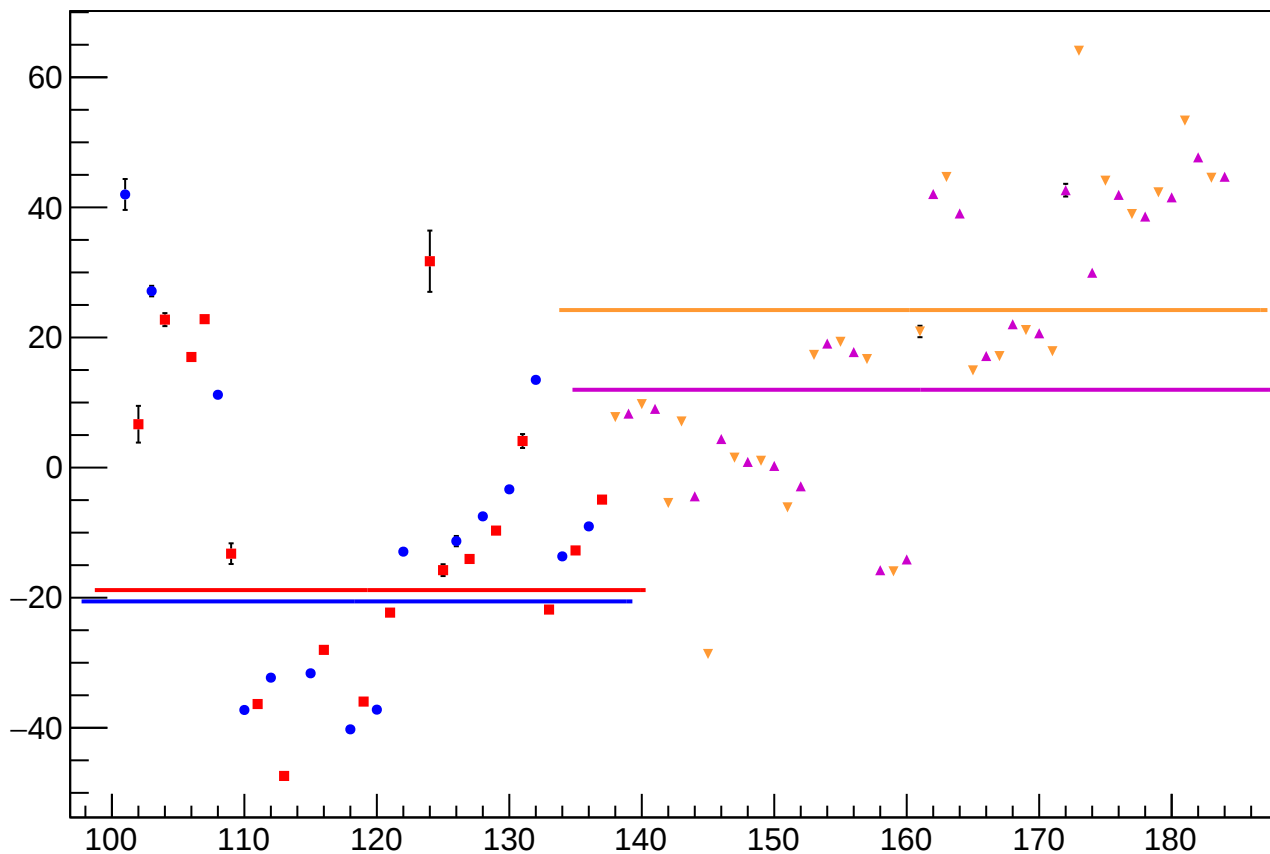
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -270.903 ± 0.020 $\chi^2/\text{NDF}: 3783032.3/37$

Out: -254.640 ± 0.020 $\chi^2/\text{NDF}: 9009802.5/41$

All: -262.470 ± 0.014 $\chi^2/\text{NDF}: 13120587.4/77$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569±/0.071 χ^2/NDF : 63404.0/14

Left Out: 24.216±/0.019 χ^2/NDF :1077331.6/23

Right Out: -18.831±/0.108 χ^2/NDF : 20855.1/17

Left In: 11.963±/0.018 χ^2/NDF :1338781.7/22

Left: 17.686±/0.013 χ^2/NDF : 2631389.7/46

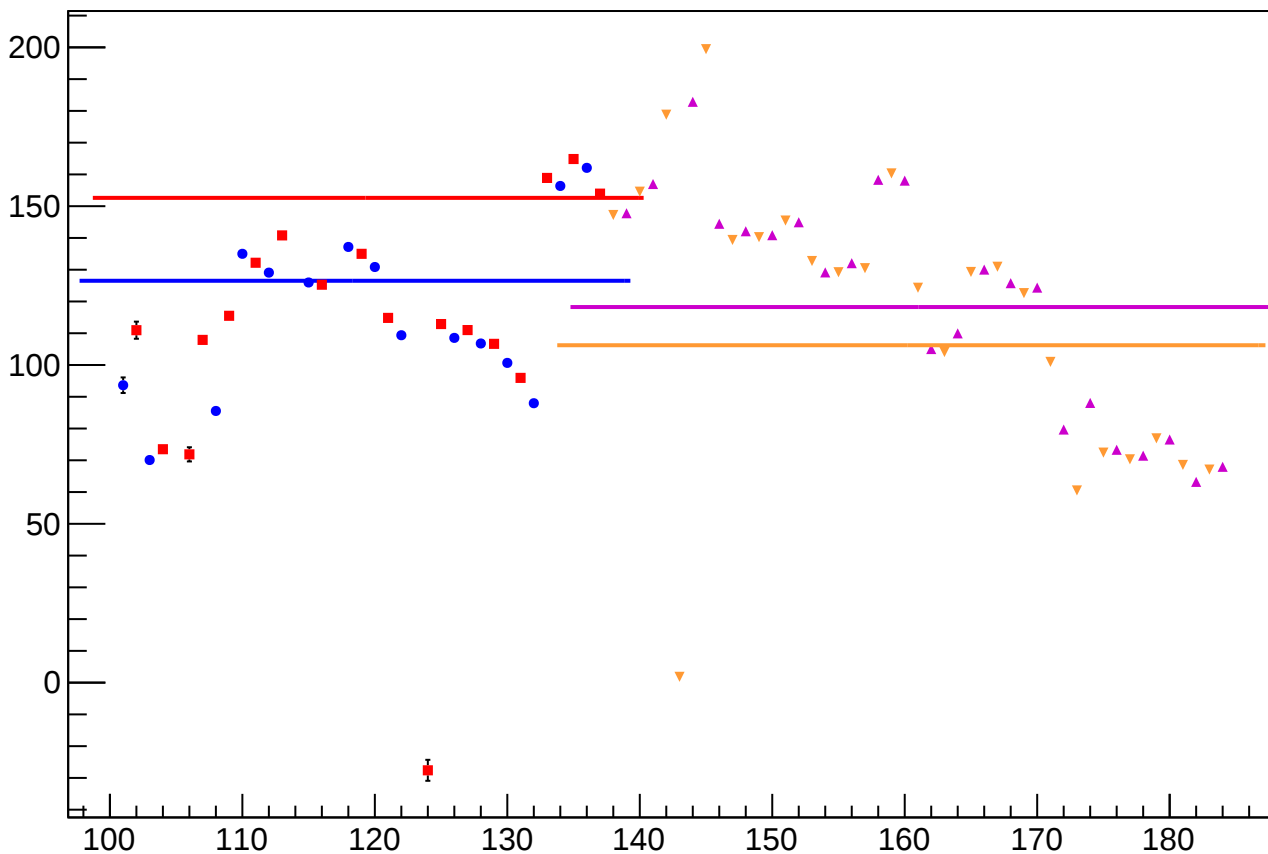
Right: -20.041±/0.060 χ^2/NDF : 84439.6/32

In: 10.007±/0.017 χ^2/NDF :1597641.2/37

Out: 22.887±/0.019 χ^2/NDF :1252131.2/41

All: 15.924±/0.013 χ^2/NDF : 3098761.2/79

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 106.222 $\pm$ 0.024 χ^2 /NDF:1933264.7/23

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

Left: 112.286 $\pm$ 0.017 χ^2 /NDF: 3887296.1/46

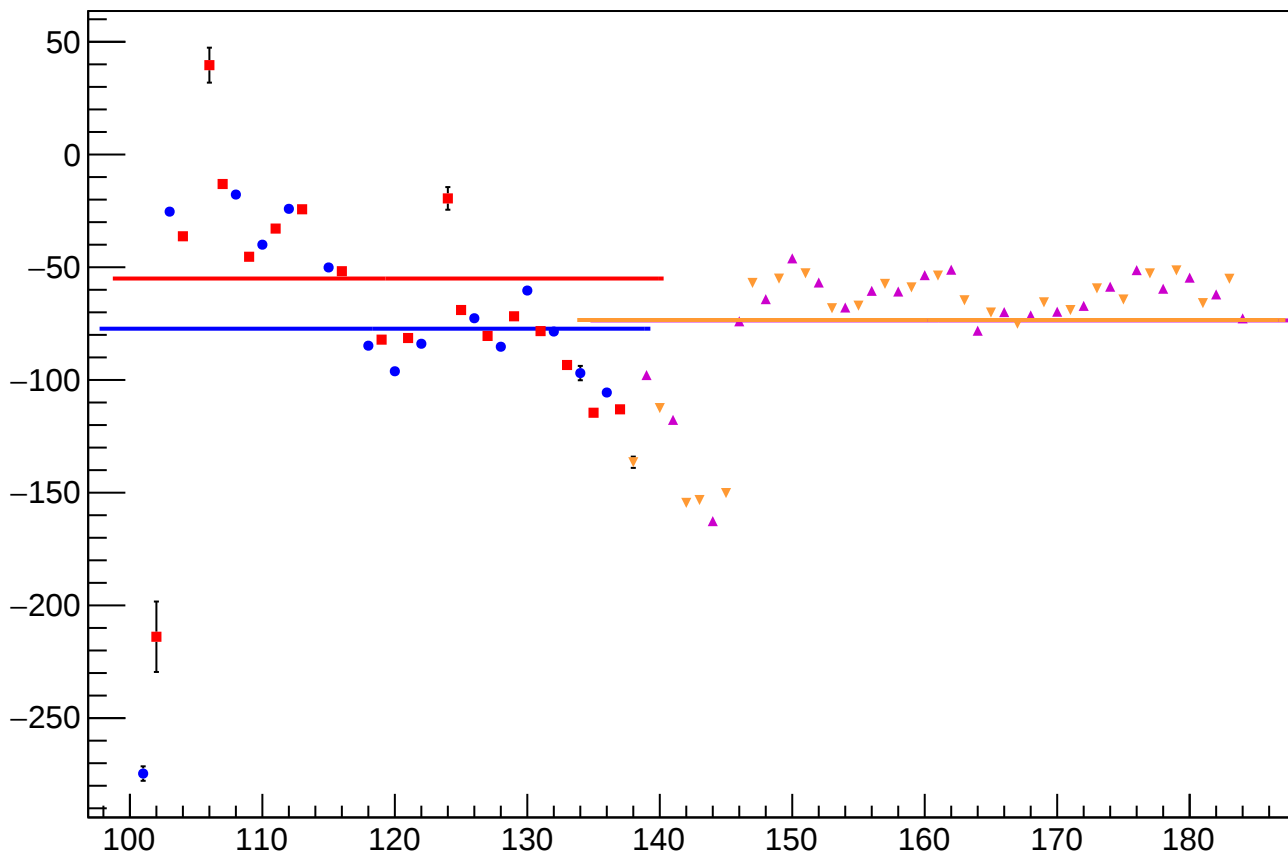
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 118.855 $\pm$ 0.023 χ^2 /NDF:1949484.4/37

Out: 123.910 $\pm$ 0.019 χ^2 /NDF:3453339.5/41

All: 121.866 $\pm$ 0.014 χ^2 /NDF: 5432244.3/79

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -73.401 ± 0.113 $\chi^2/\text{NDF}: 65784.4/23$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -73.591 ± 0.110 $\chi^2/\text{NDF}: 68577.9/22$

Left: -73.498 ± 0.079 $\chi^2/\text{NDF}: 134363.7/46$

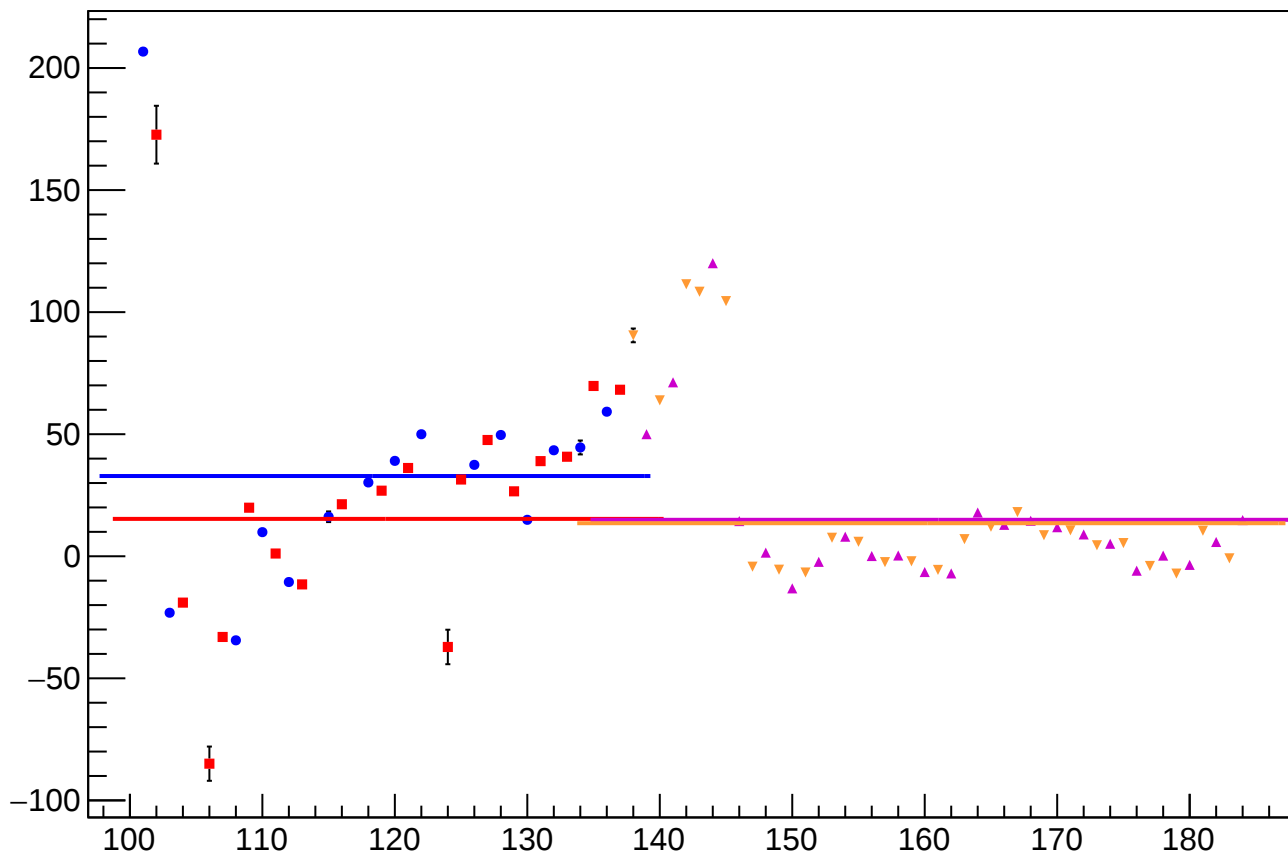
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -74.920 ± 0.088 $\chi^2/\text{NDF}: 99334.1/37$

Out: -68.624 ± 0.097 $\chi^2/\text{NDF}: 96334.3/41$

All: -72.071 ± 0.065 $\chi^2/\text{NDF}: 197977.1/79$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 13.537 $\pm$ 0.098 χ^2 /NDF:96668.6/23

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 14.934 $\pm$ 0.098 χ^2 /NDF:96635.9/22

Left: 14.238 $\pm$ 0.069 χ^2 /NDF: 193405.5/46

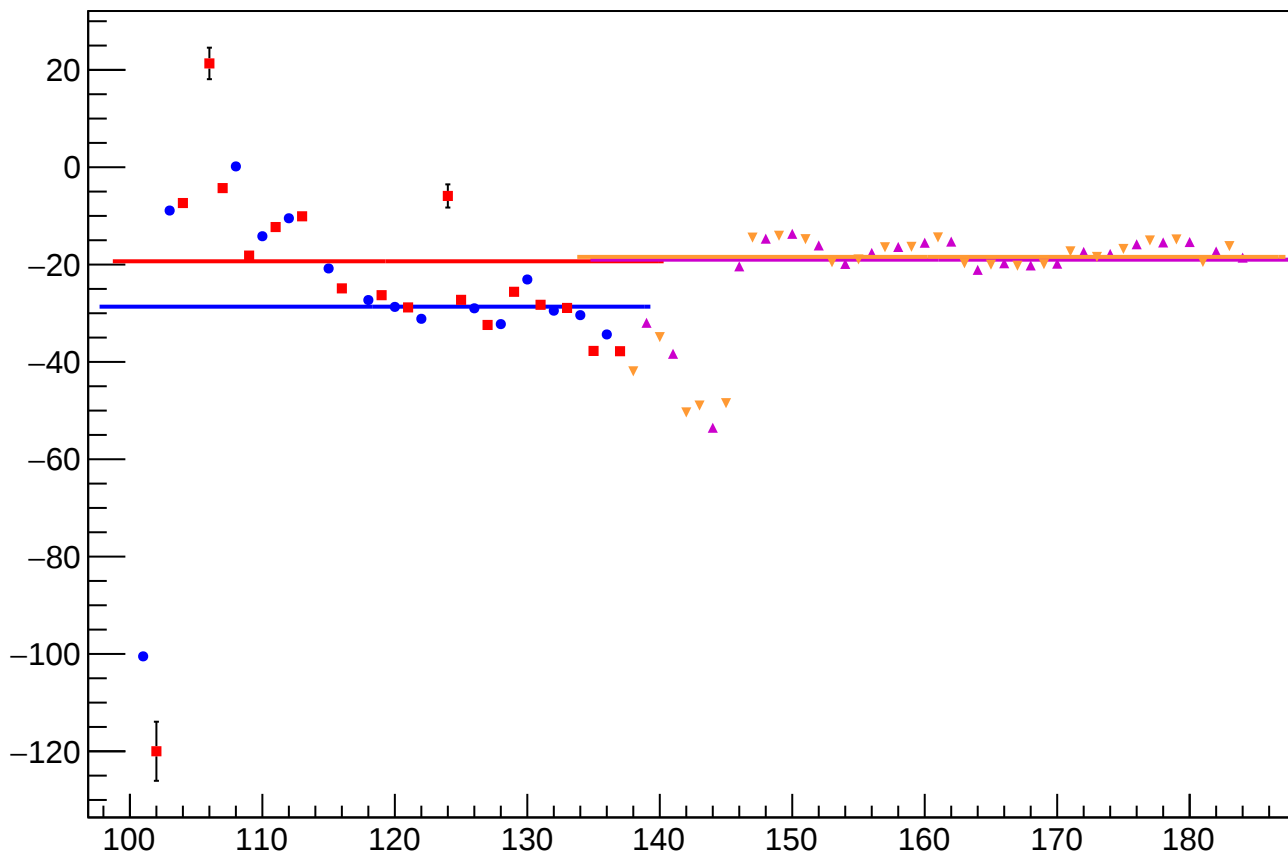
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 20.505 $\pm$ 0.081 χ^2 /NDF:138429.5/37

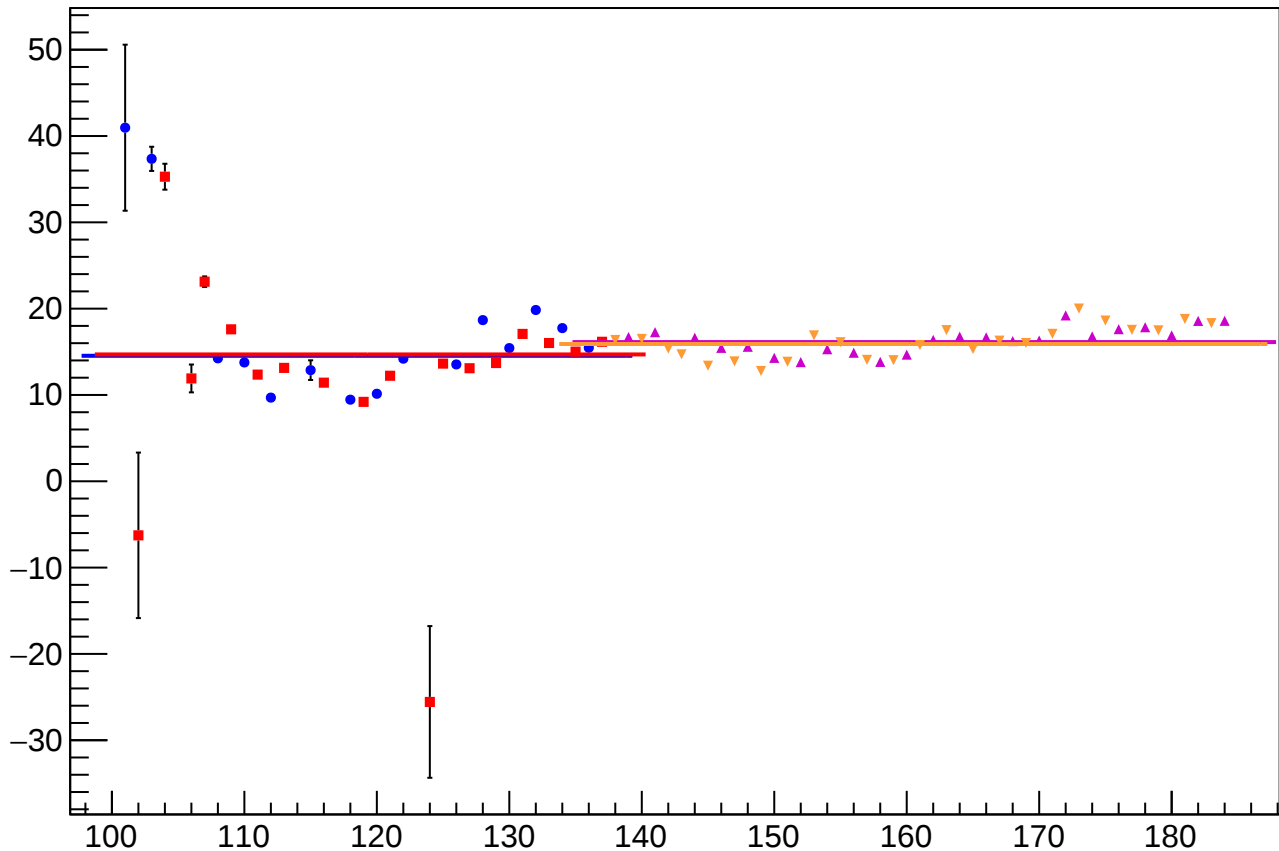
Out: 13.857 $\pm$ 0.089 χ^2 /NDF:113473.1/41

All: 17.483 $\pm$ 0.060 χ^2 /NDF: 254936.1/79

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.905+/-0.014 χ^2/NDF :13263.3/23

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.127+/-0.013 χ^2/NDF :12045.9/22

Left: 16.026+/-0.009 χ^2/NDF : 25449.4/46

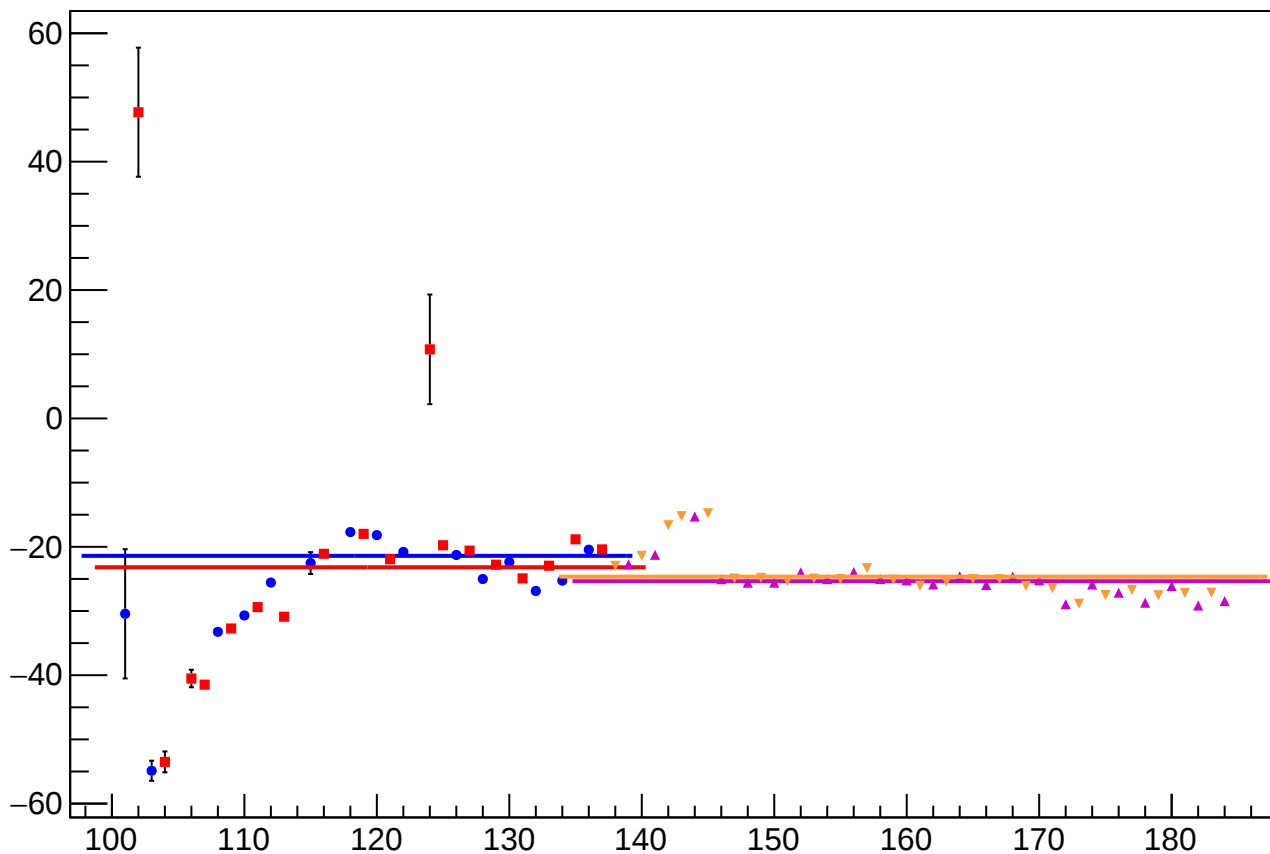
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.884+/-0.012 χ^2/NDF :26522.5/37

Out: 15.794+/-0.013 χ^2/NDF :15598.9/41

All: 15.845+/-0.009 χ^2/NDF : 42147.6/79

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.650 ± 0.016 $\chi^2/\text{NDF}: 43859.4/23$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.356 ± 0.016 $\chi^2/\text{NDF}: 16913.2/22$

Left: -25.006 ± 0.011 $\chi^2/\text{NDF}: 61755.2/46$

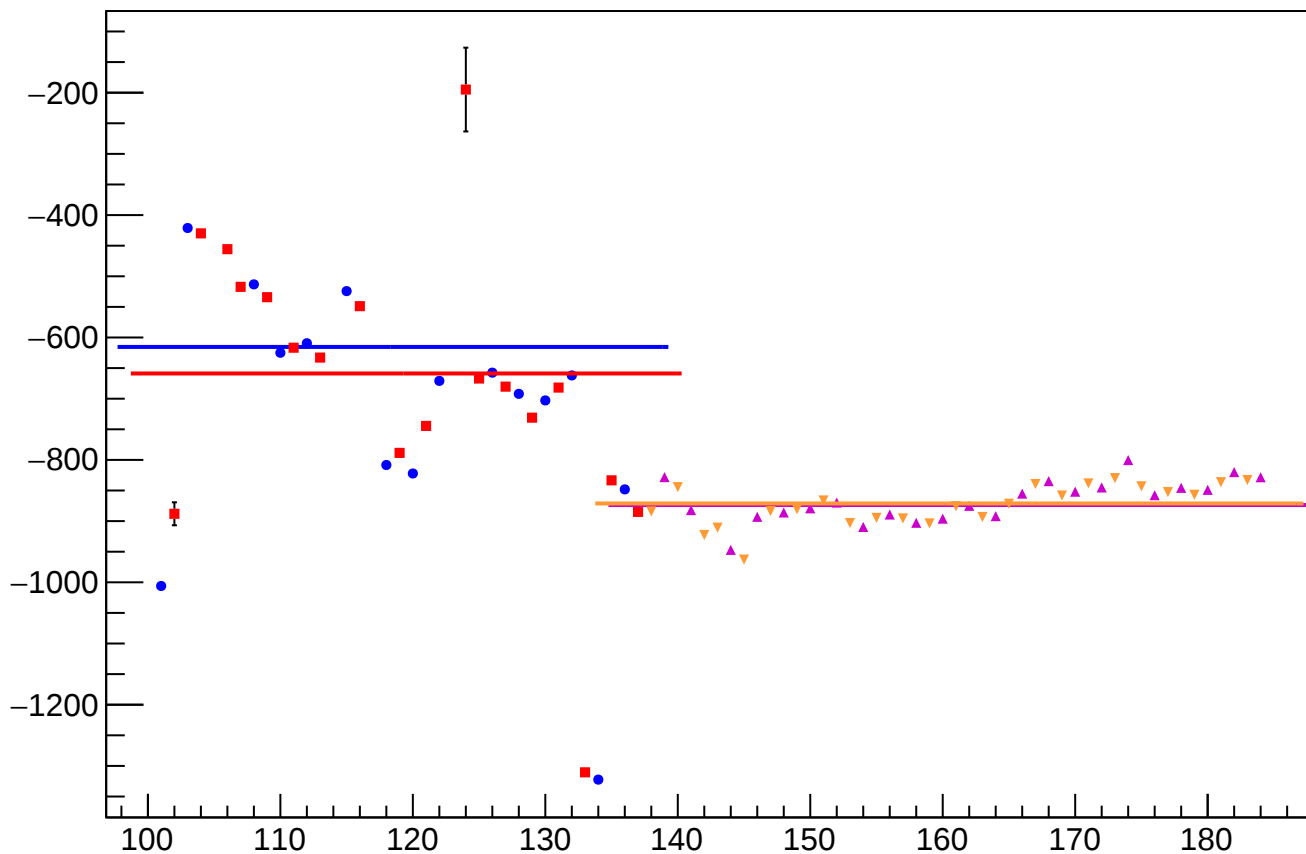
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.701 ± 0.014 $\chi^2/\text{NDF}: 36886.6/37$

Out: -24.519 ± 0.015 $\chi^2/\text{NDF}: 53733.5/41$

All: -24.615 ± 0.011 $\chi^2/\text{NDF}: 90694.9/79$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -871.166+/-0.128 χ^2/NDF : 49892.1/23

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.739+/-0.123 χ^2/NDF : 58452.7/22

Left: -872.501+/-0.089 χ^2/NDF : 108554.3/46

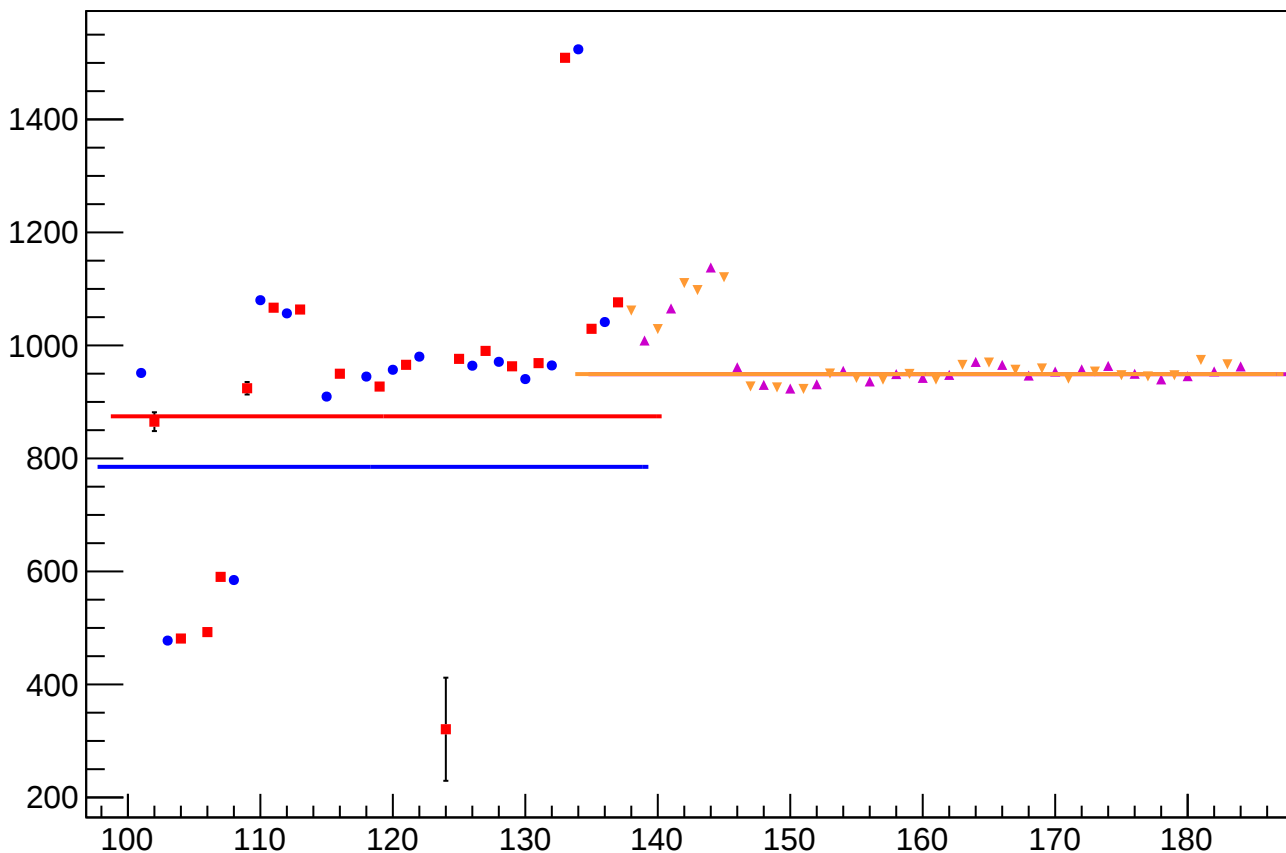
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.940+/-0.109 χ^2/NDF : 1372520.1/37

Out: -828.729+/-0.115 χ^2/NDF : 984604.6/41

All: -823.610+/-0.079 χ^2/NDF : 2360942.8/79

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095±/0.228 χ^2/NDF : 886147.1/14

Left Out: 949.270±/0.102 χ^2/NDF : 74403.1/23

Right Out: 874.516±/0.261 χ^2/NDF : 842565.5/17

Left In: 949.032±/0.102 χ^2/NDF : 76875.5/22

Left: 949.152±/0.072 χ^2/NDF : 151281.3/46

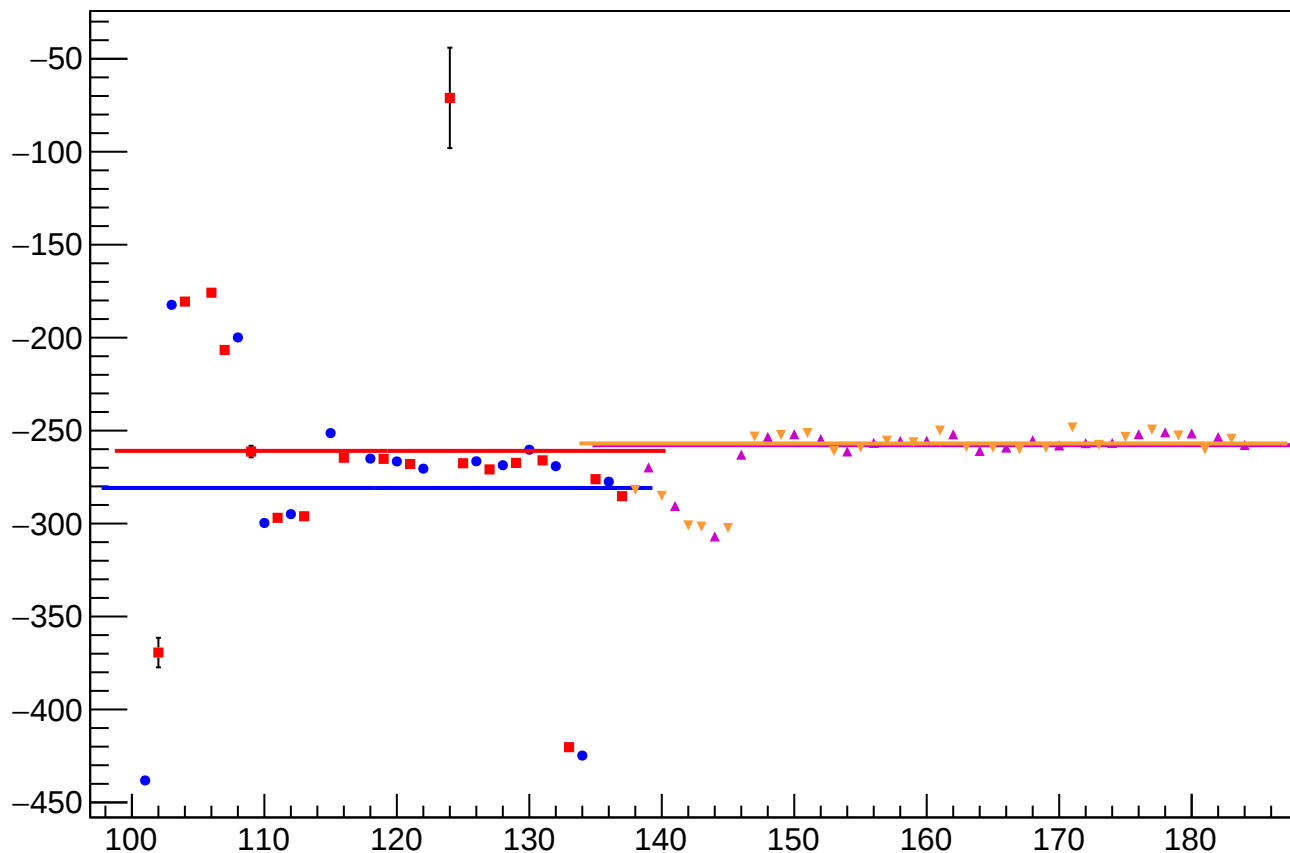
Right: 823.762±/0.172 χ^2/NDF : 1795202.4/32

In: 921.528±/0.093 χ^2/NDF : 1393133.4/37

Out: 939.380±/0.095 χ^2/NDF : 988006.8/41

All: 930.300±/0.067 χ^2/NDF : 2399088.4/79

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.892 ± 0.019 $\chi^2/\text{NDF}: 184458.9/23$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.860 ± 0.019 $\chi^2/\text{NDF}: 208410.5/22$

Left: -257.391 ± 0.013 $\chi^2/\text{NDF}: 394183.7/46$

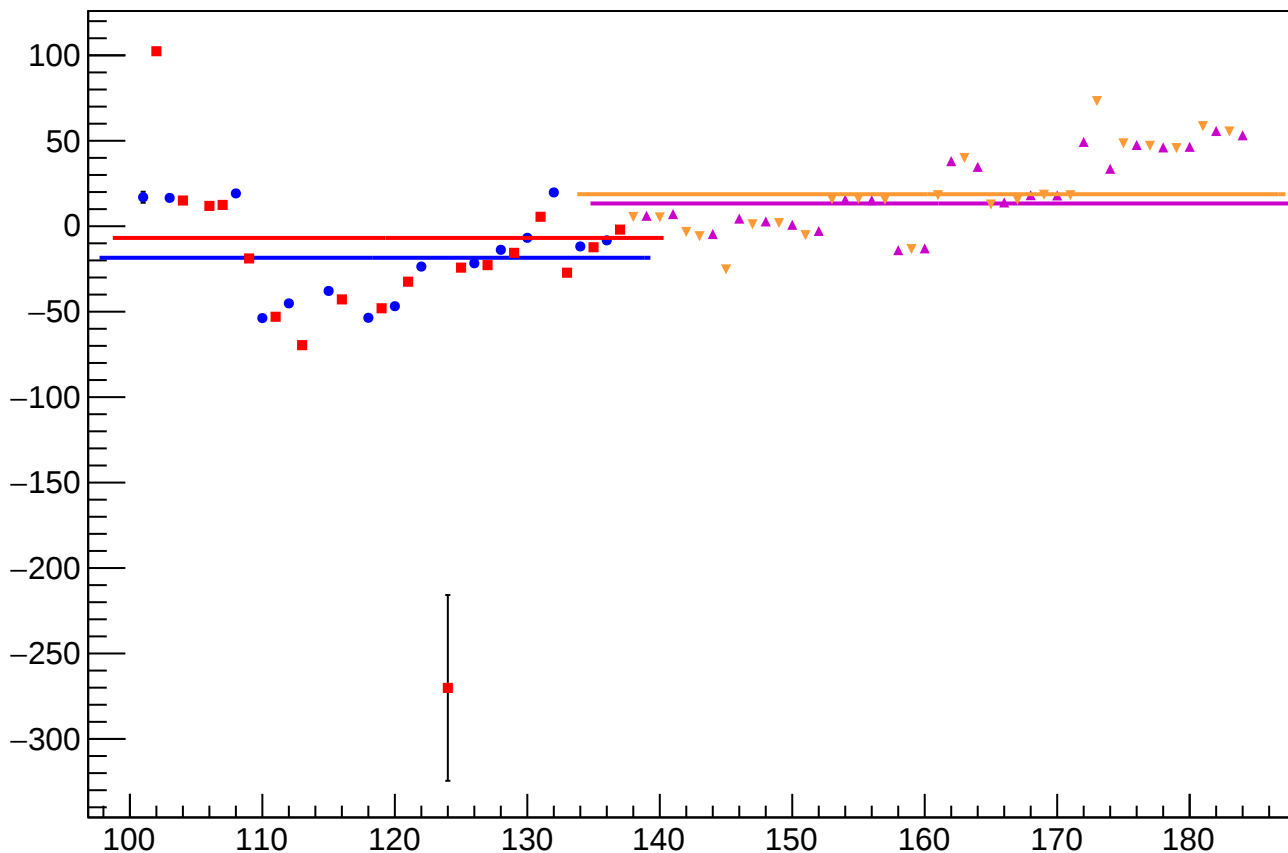
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -259.966 ± 0.018 $\chi^2/\text{NDF}: 1222236.8/37$

Out: -257.191 ± 0.018 $\chi^2/\text{NDF}: 535428.5/41$

All: -258.635 ± 0.013 $\chi^2/\text{NDF}: 1769439.2/79$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 18.734 ± 0.019 $\chi^2/\text{NDF}: 1270961.0/23$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 13.314 ± 0.019 $\chi^2/\text{NDF}: 1023799.5/22$

Left: 16.017 ± 0.013 $\chi^2/\text{NDF}: 2336431.1/46$

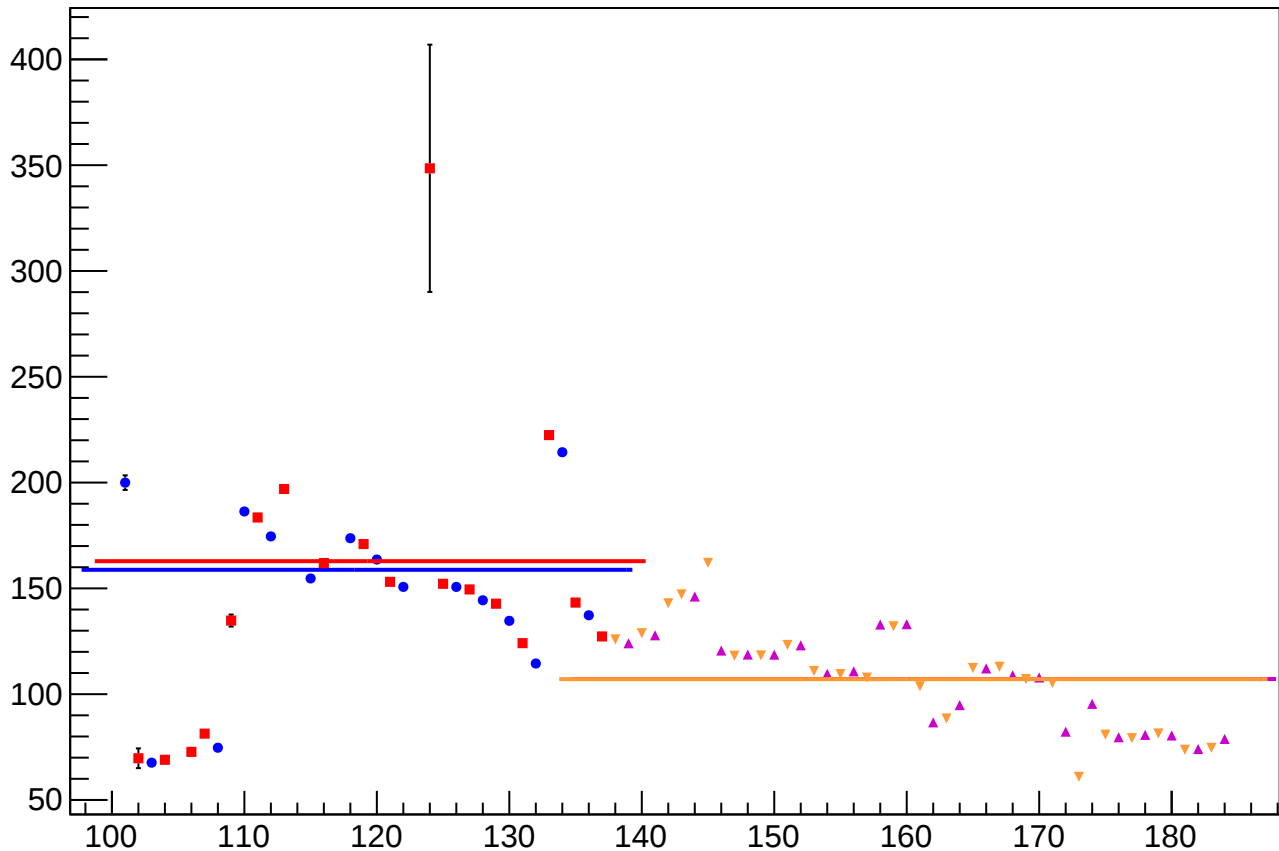
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 12.027 ± 0.018 $\chi^2/\text{NDF}: 1186597.8/37$

Out: 16.736 ± 0.018 $\chi^2/\text{NDF}: 1465618.3/41$

All: 14.422 ± 0.013 $\chi^2/\text{NDF}: 2685639.1/79$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 χ^2/NDF : 159016.5/14

Left Out: 107.102 ± 0.023 χ^2/NDF : 654702.0/23

Right Out: 162.856 ± 0.093 χ^2/NDF : 156176.8/17

Left In: 107.162 ± 0.020 χ^2/NDF : 786041.1/22

Left: 107.136 ± 0.015 χ^2/NDF : 1440747.2/46

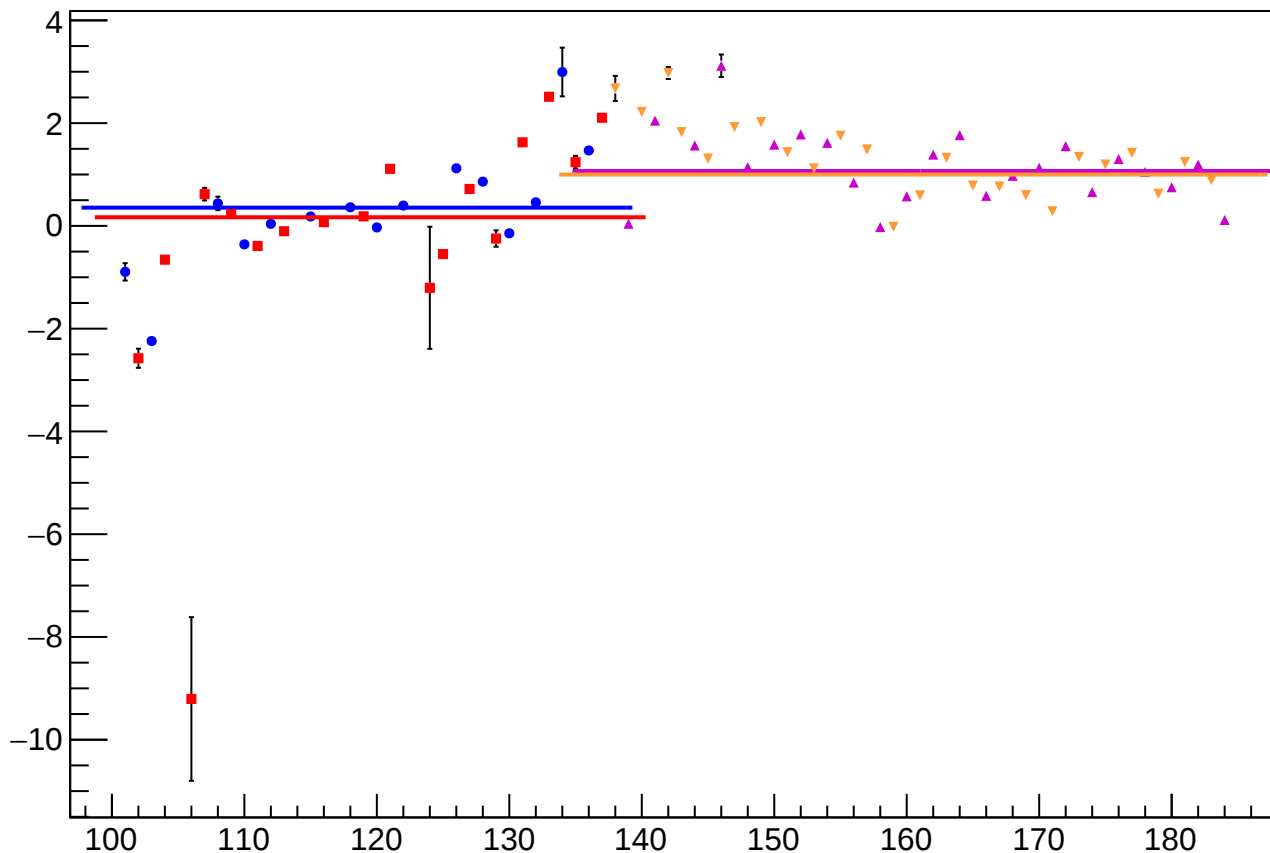
Right: 160.702 ± 0.064 χ^2/NDF : 316204.3/32

In: 109.606 ± 0.019 χ^2/NDF : 1270436.2/37

Out: 110.208 ± 0.022 χ^2/NDF : 1148326.7/41

All: 109.866 ± 0.014 χ^2/NDF : 2419188.1/79

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 0.999 ± 0.007 $\chi^2/\text{NDF}: 6512.9/23$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.068 ± 0.006 $\chi^2/\text{NDF}: 7383.3/22$

Left: 1.035 ± 0.005 $\chi^2/\text{NDF}: 13950.1/46$

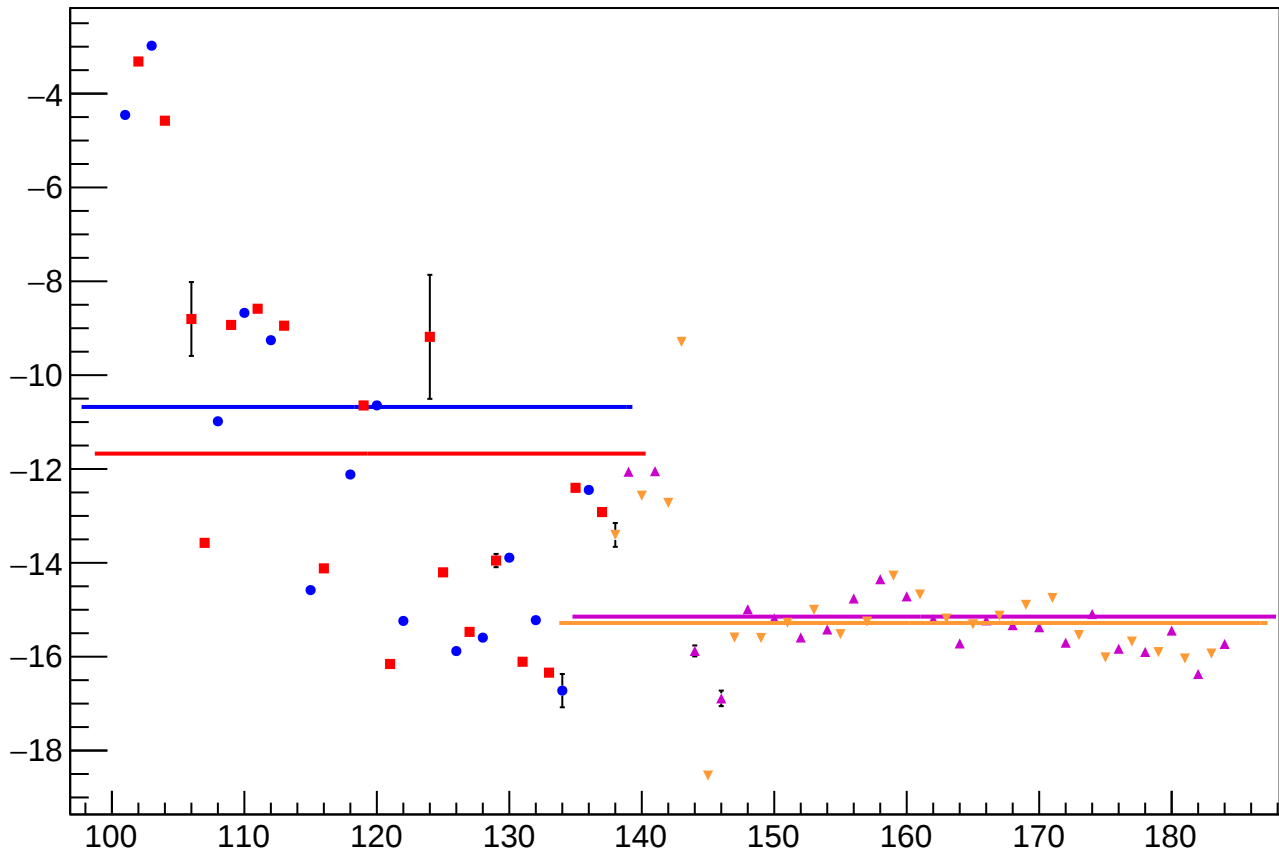
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.902 ± 0.006 $\chi^2/\text{NDF}: 14216.9/37$

Out: 0.632 ± 0.005 $\chi^2/\text{NDF}: 17703.1/41$

All: 0.752 ± 0.004 $\chi^2/\text{NDF}: 33183.2/79$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.281 ± 0.005 $\chi^2/\text{NDF}: 40702.2/23$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.146 ± 0.006 $\chi^2/\text{NDF}: 15634.6/22$

Left: -15.218 ± 0.004 $\chi^2/\text{NDF}: 56627.4/46$

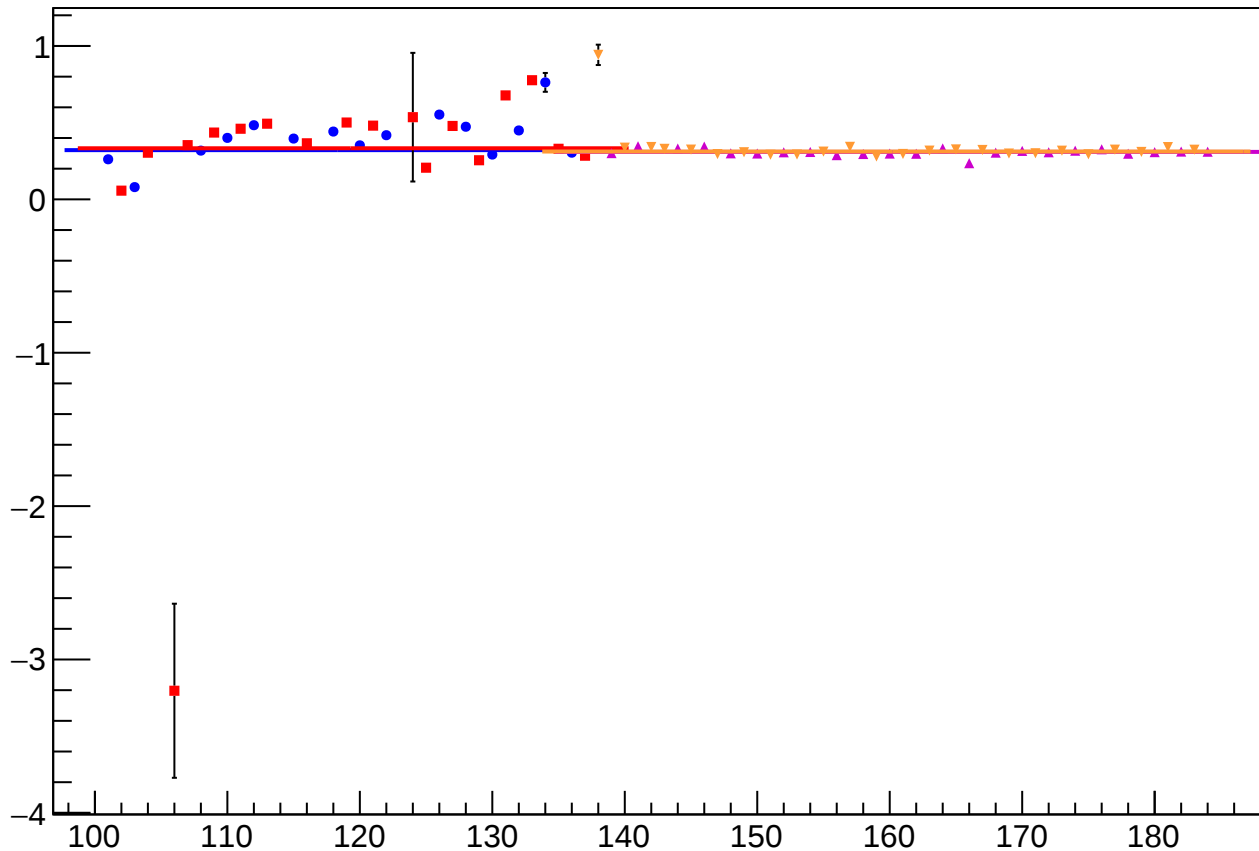
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.071 ± 0.005 $\chi^2/\text{NDF}: 385958.5/37$

Out: -14.638 ± 0.005 $\chi^2/\text{NDF}: 227536.8/41$

All: -14.362 ± 0.004 $\chi^2/\text{NDF}: 619967.4/79$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 ± 0.001 $\chi^2/\text{NDF}: 4017.7/14$

Left Out: 0.312 ± 0.000 $\chi^2/\text{NDF}: 5414.1/23$

Right Out: 0.333 ± 0.001 $\chi^2/\text{NDF}: 4170.0/17$

Left In: 0.309 ± 0.000 $\chi^2/\text{NDF}: 2994.1/22$

Left: 0.311 ± 0.000 $\chi^2/\text{NDF}: 8461.8/46$

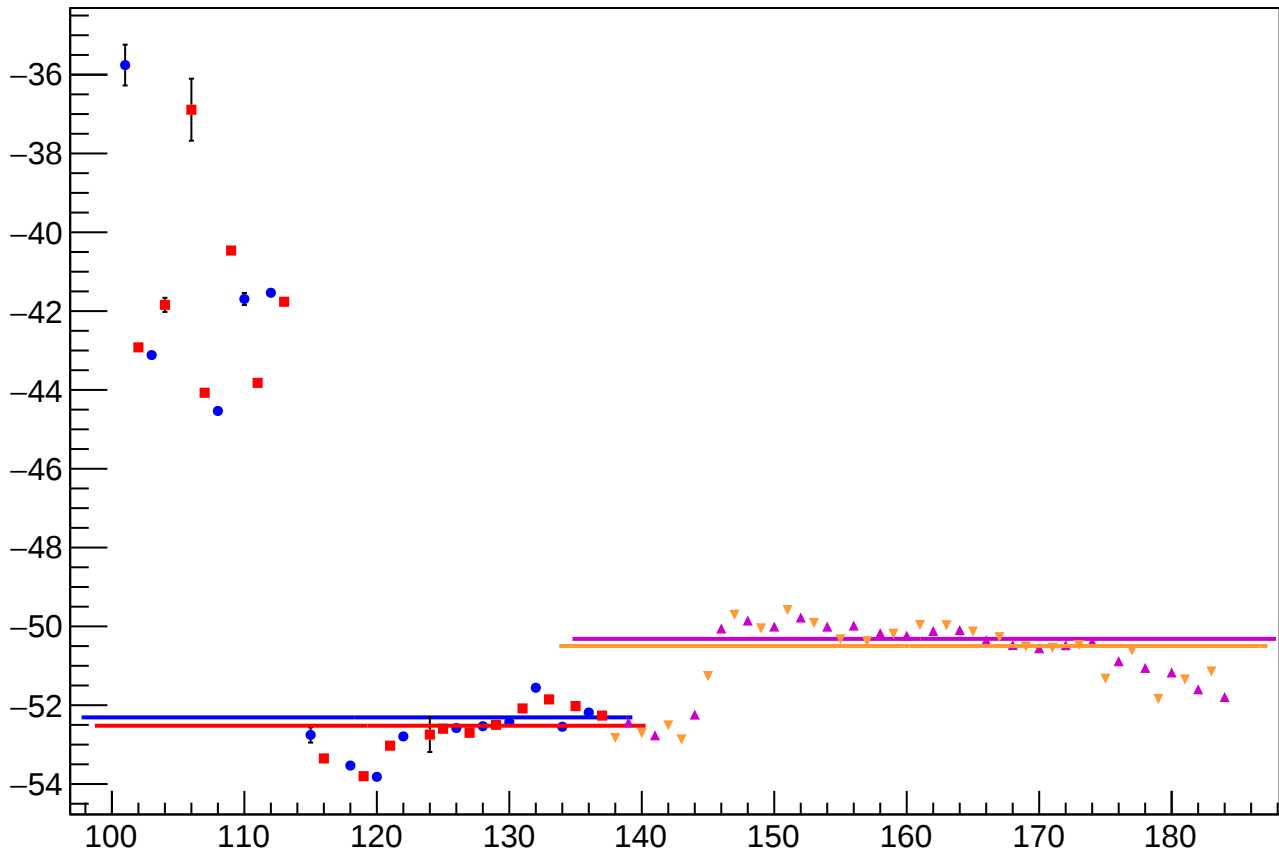
Right: 0.325 ± 0.001 $\chi^2/\text{NDF}: 8247.8/32$

In: 0.310 ± 0.000 $\chi^2/\text{NDF}: 7153.2/37$

Out: 0.312 ± 0.000 $\chi^2/\text{NDF}: 9863.0/41$

All: 0.311 ± 0.000 $\chi^2/\text{NDF}: 17073.3/79$

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 χ^2/NDF : 53459.2/14

Left Out: -50.498 ± 0.001 χ^2/NDF : 275427.5/23

Right Out: -52.521 ± 0.005 χ^2/NDF : 76616.3/17

Left In: -50.317 ± 0.001 χ^2/NDF : 186234.6/22

Left: -50.396 ± 0.001 χ^2/NDF : 470333.0/46

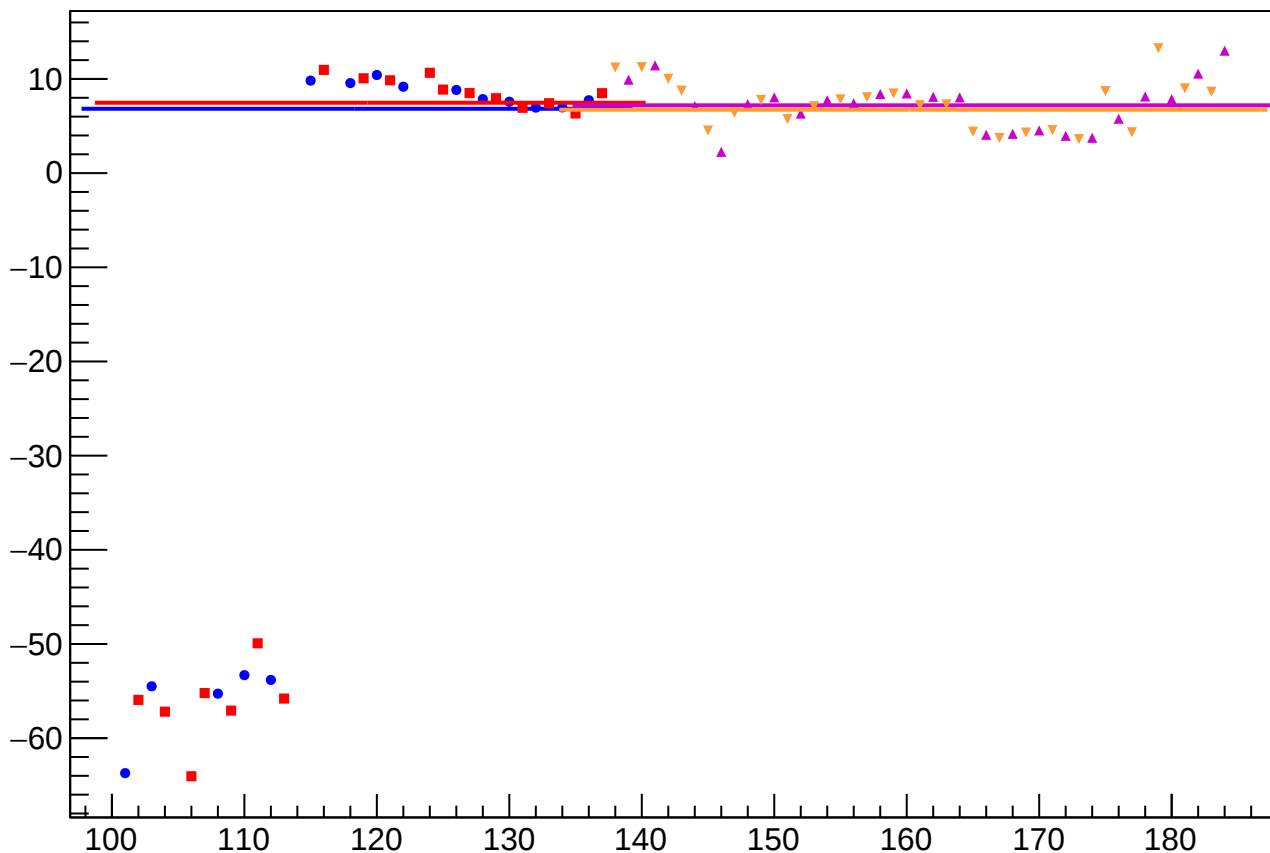
Right: -52.410 ± 0.003 χ^2/NDF : 131177.9/32

In: -50.473 ± 0.001 χ^2/NDF : 427415.3/37

Out: -50.682 ± 0.001 χ^2/NDF : 527412.0/41

All: -50.565 ± 0.001 χ^2/NDF : 967487.1/79

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.734 ± 0.004 $\chi^2/\text{NDF}: 335883.2/23$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

Left: 6.984 ± 0.003 $\chi^2/\text{NDF}: 547226.9/46$

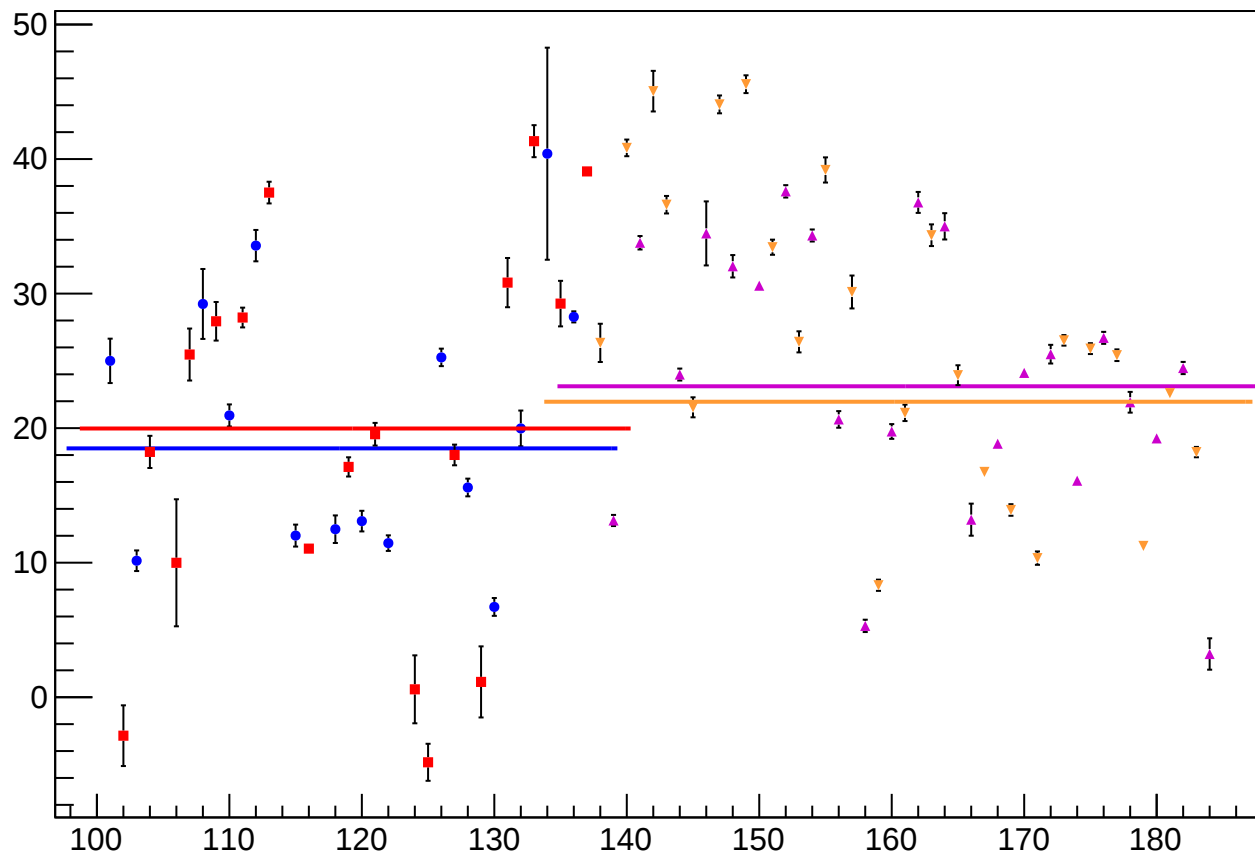
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.083 ± 0.003 $\chi^2/\text{NDF}: 1197093.7/37$

Out: 6.836 ± 0.003 $\chi^2/\text{NDF}: 1536849.1/41$

All: 6.983 ± 0.002 $\chi^2/\text{NDF}: 2736961.4/79$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 21.963 $\pm$ 0.101 χ^2 /NDF:8944.2/23

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.111 $\pm$ 0.097 χ^2 /NDF:6631.9/22

Left: 22.558 $\pm$ 0.070 χ^2 /NDF: 15643.6/46

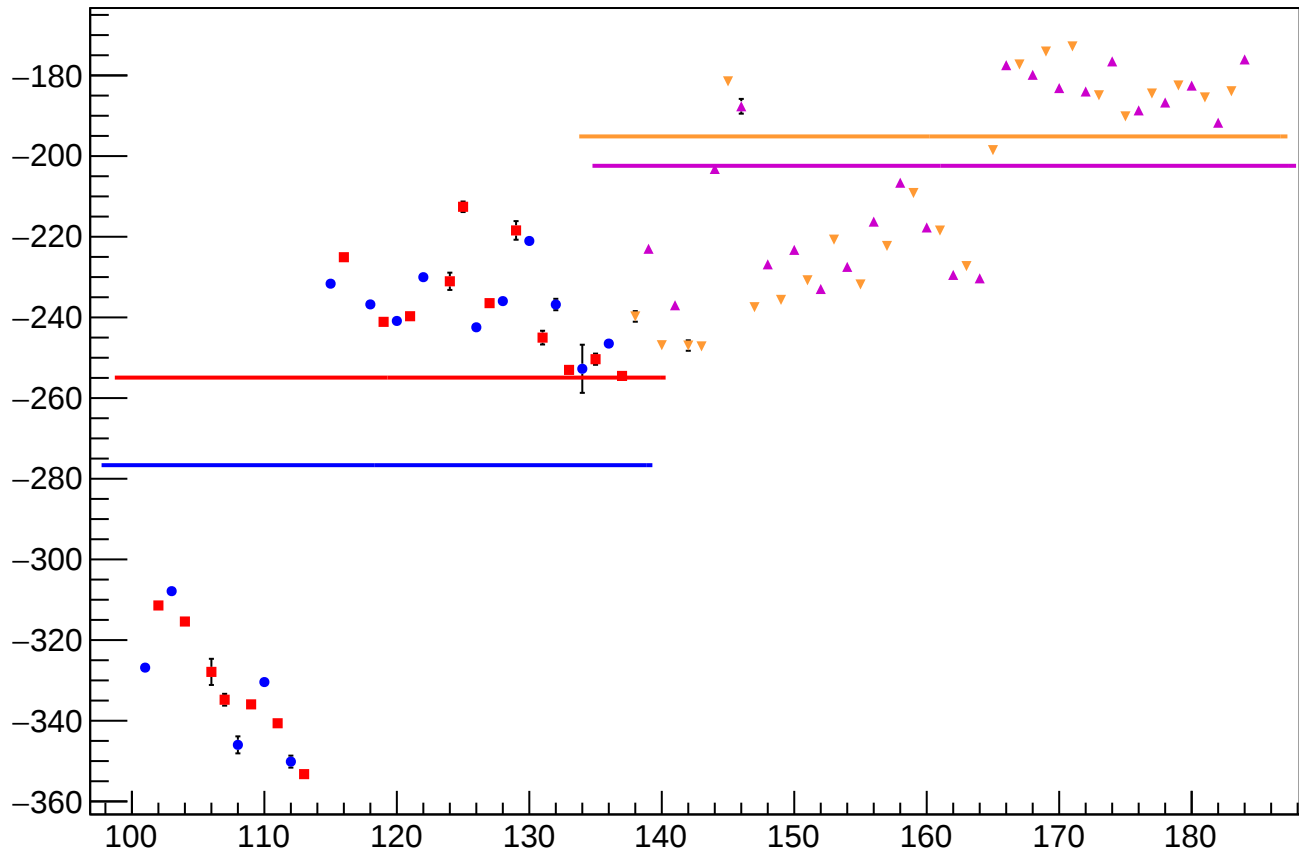
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.231 $\pm$ 0.087 χ^2 /NDF:8699.4/37

Out: 21.218 $\pm$ 0.080 χ^2 /NDF:18291.6/41

All: 21.678 $\pm$ 0.059 χ^2 /NDF: 27064.4/79

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -195.126 ± 0.084 $\chi^2/\text{NDF}: 70659.4/23$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.410 ± 0.086 $\chi^2/\text{NDF}: 63292.5/22$

Left: -198.691 ± 0.060 $\chi^2/\text{NDF}: 137627.8/46$

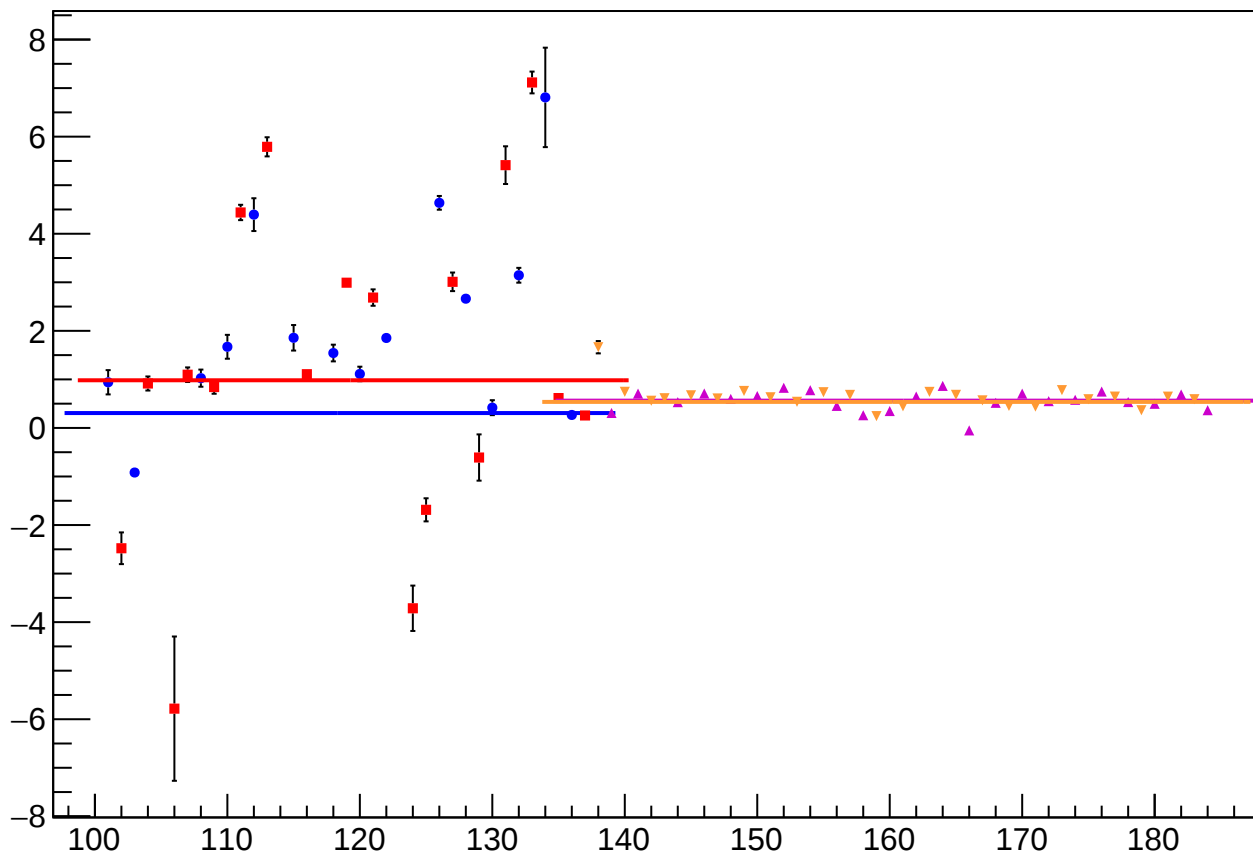
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.179 ± 0.074 $\chi^2/\text{NDF}: 329504.4/37$

Out: -229.927 ± 0.054 $\chi^2/\text{NDF}: 437188.4/41$

All: -226.872 ± 0.044 $\chi^2/\text{NDF}: 775741.0/79$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.536 $\pm$ 0.002 χ^2 /NDF:11037.4/23

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.562 $\pm$ 0.001 χ^2 /NDF:16291.7/22

Left: 0.551 $\pm$ 0.001 χ^2 /NDF: 27467.5/46

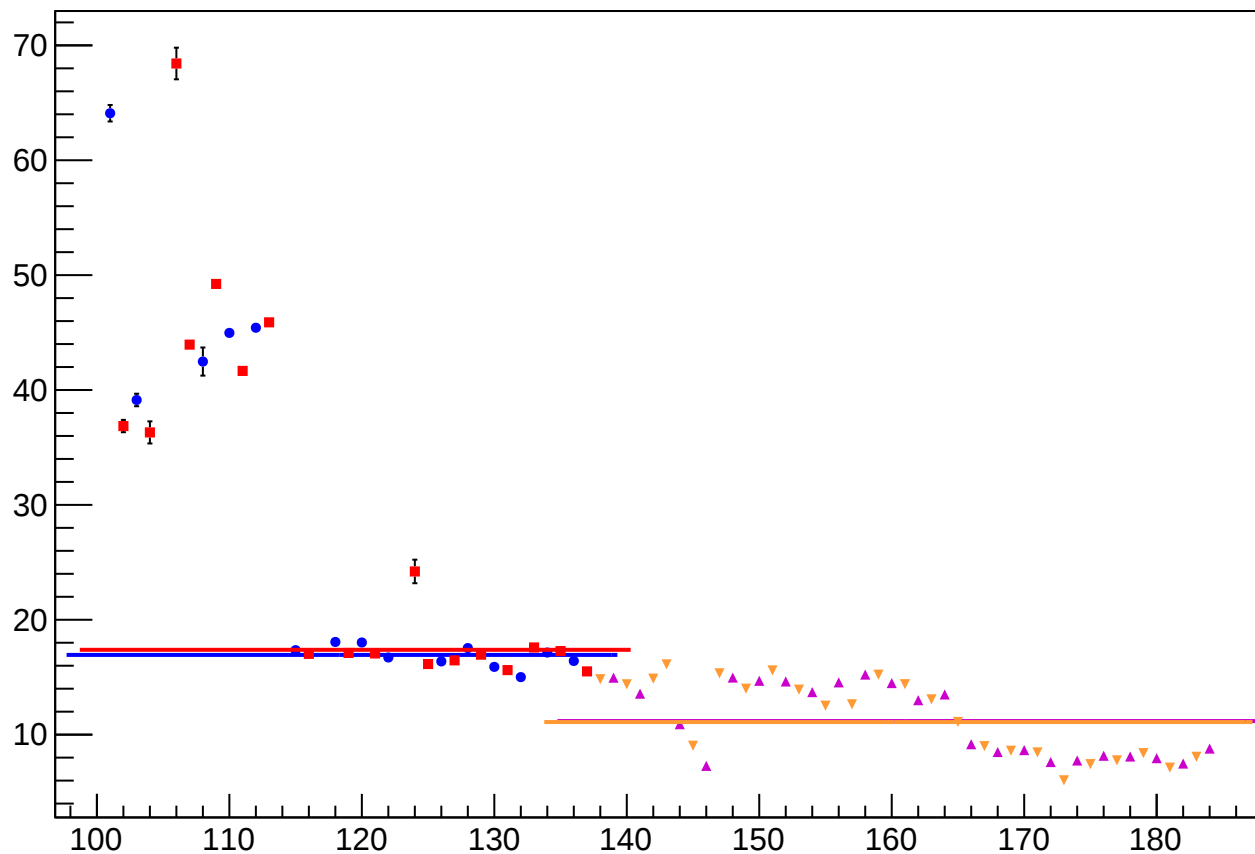
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.551 $\pm$ 0.001 χ^2 /NDF:20493.3/37

Out: 0.542 $\pm$ 0.002 χ^2 /NDF:15322.1/41

All: 0.547 $\pm$ 0.001 χ^2 /NDF: 35831.5/79

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941+/-0.013 χ^2/NDF : 29019.8/14

Left Out: 11.097+/-0.007 χ^2/NDF : 262500.6/23

Right Out: 17.385+/-0.018 χ^2/NDF : 61131.5/17

Left In: 11.184+/-0.007 χ^2/NDF : 221112.8/22

Left: 11.141+/-0.005 χ^2/NDF : 483697.8/46

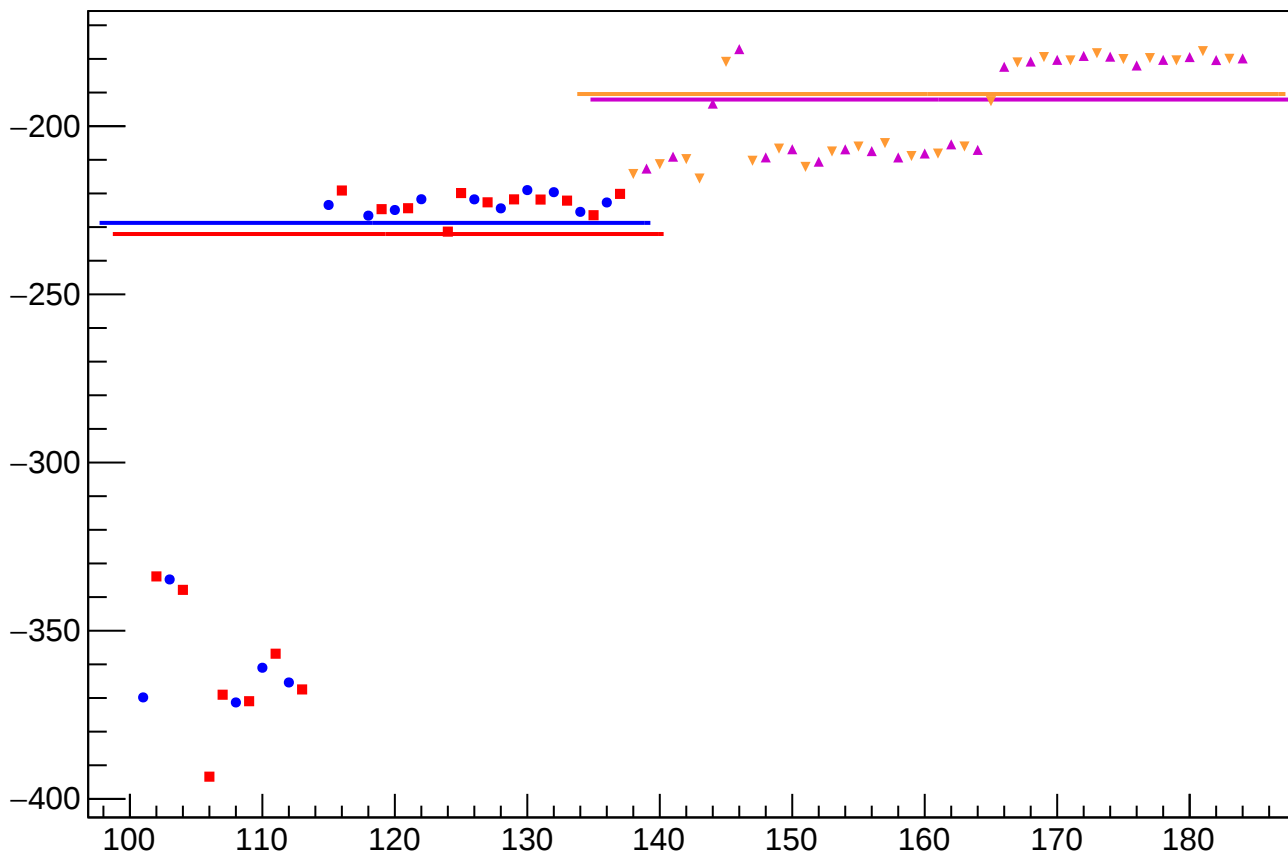
Right: 17.096+/-0.010 χ^2/NDF : 90566.4/32

In: 12.416+/-0.006 χ^2/NDF : 407402.8/37

Out: 11.903+/-0.006 χ^2/NDF : 435058.9/41

All: 12.174+/-0.004 χ^2/NDF : 845973.0/79

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749+/-0.035 χ^2/NDF : 657578.5/14

Left Out: -190.438+/-0.012 χ^2/NDF :1505401.0/23

Right Out: -232.058+/-0.041 χ^2/NDF : 791526.5/17

Left In: -192.086+/-0.012 χ^2/NDF :1430161.9/22

Left: -191.261+/-0.008 χ^2/NDF : 2945654.2/46

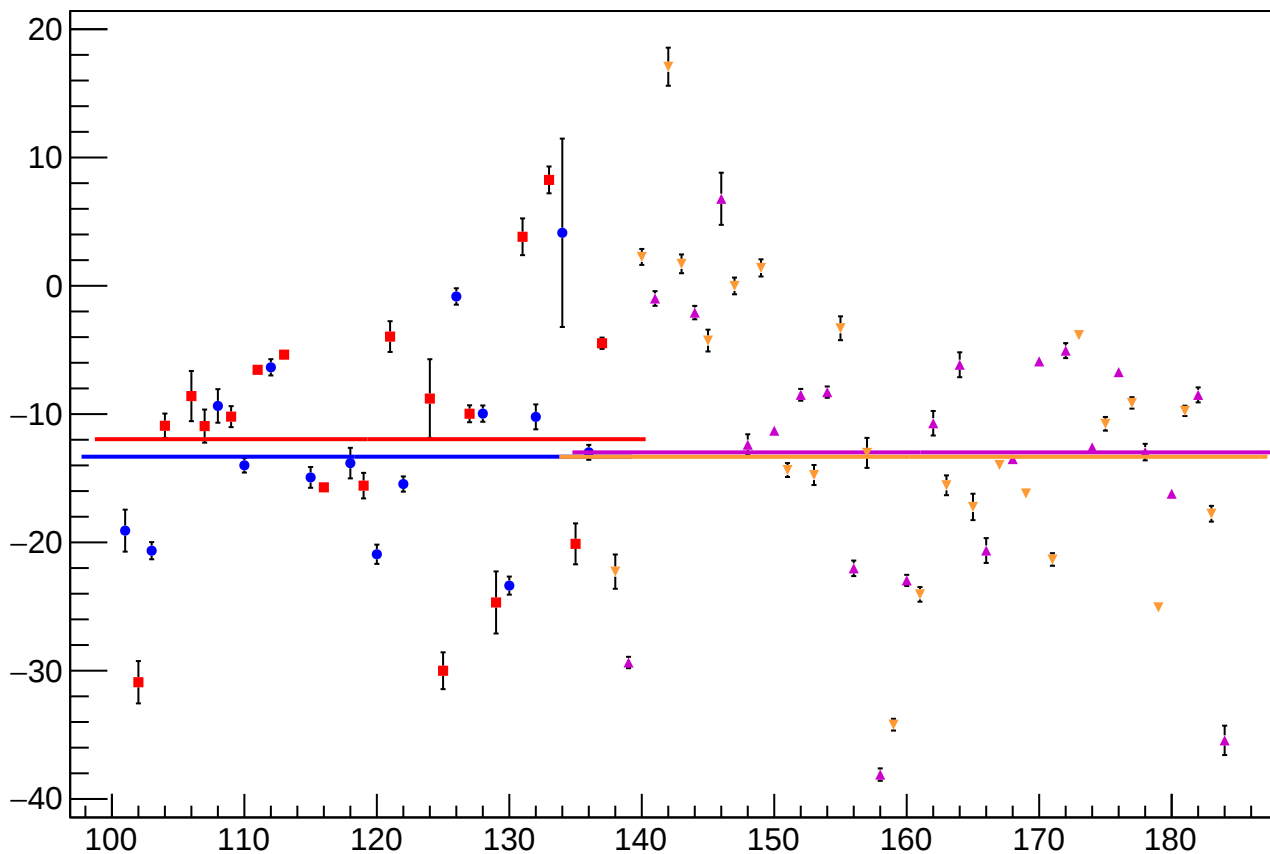
Right: -230.117+/-0.027 χ^2/NDF : 1452870.5/32

In: -195.777+/-0.011 χ^2/NDF :3092606.0/37

Out: -193.479+/-0.011 χ^2/NDF :3238205.1/41

All: -194.645+/-0.008 χ^2/NDF : 6352290.5/79

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -13.330 ± 0.109 $\chi^2/\text{NDF}: 7285.3/23$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -12.982 ± 0.099 $\chi^2/\text{NDF}: 7714.4/22$

Left: -13.139 ± 0.073 $\chi^2/\text{NDF}: 15005.2/46$

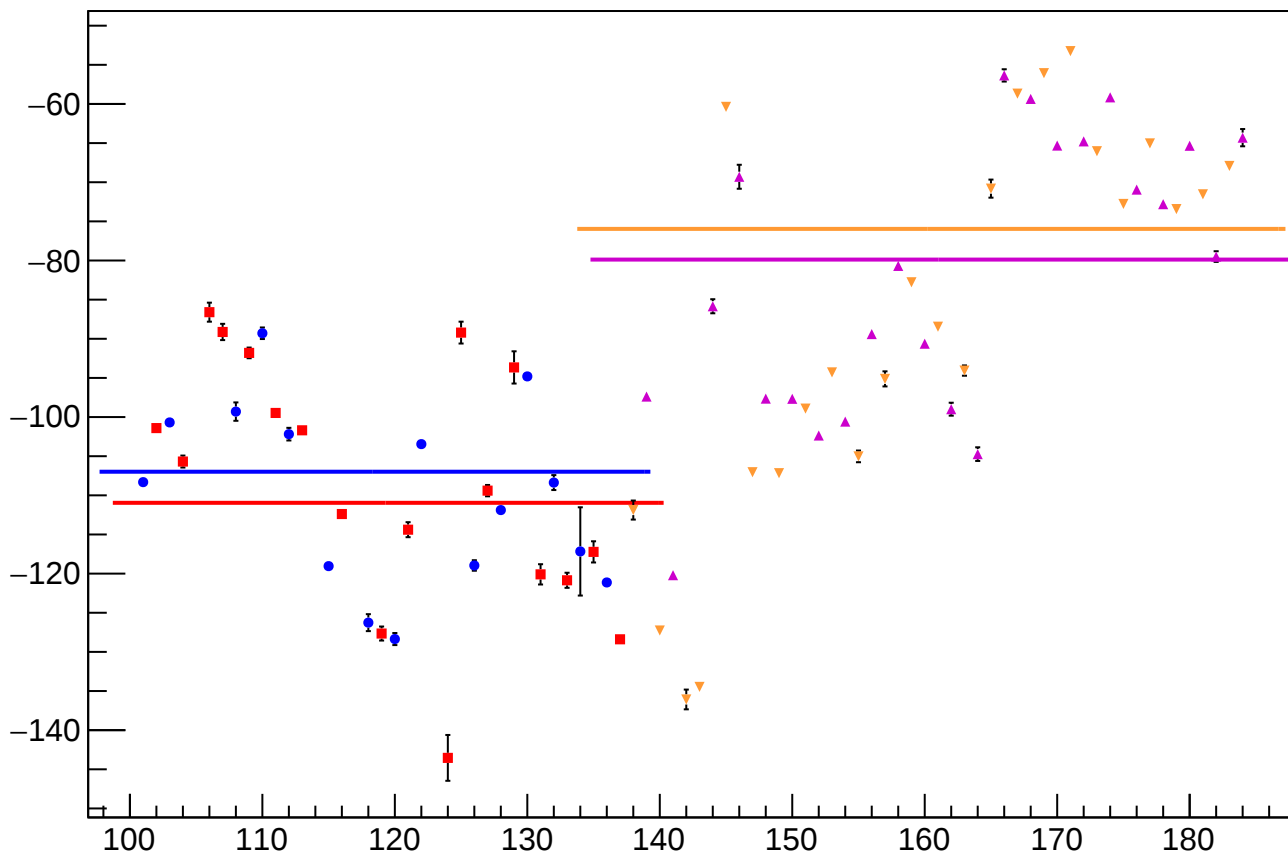
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.053 ± 0.088 $\chi^2/\text{NDF}: 8729.8/37$

Out: -12.664 ± 0.078 $\chi^2/\text{NDF}: 9849.2/41$

All: -12.836 ± 0.059 $\chi^2/\text{NDF}: 18589.8/79$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -75.960 ± 0.086 χ^2/NDF : 53788.8/23

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.882 ± 0.086 χ^2/NDF : 44553.2/22

Left: -77.924 ± 0.061 χ^2/NDF : 99388.0/46

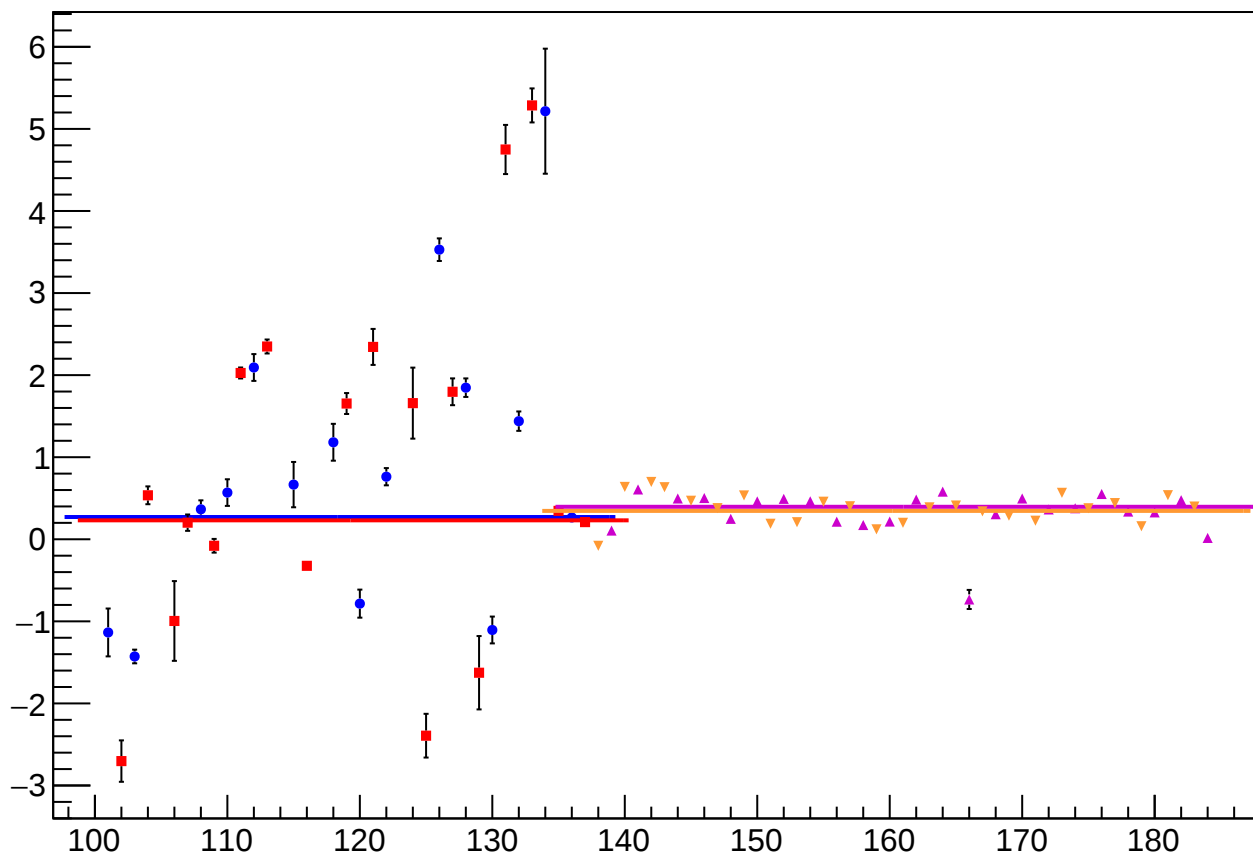
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.111 ± 0.068 χ^2/NDF : 86984.3/37

Out: -102.035 ± 0.043 χ^2/NDF : 188400.5/41

All: -98.564 ± 0.036 χ^2/NDF : 297444.9/79

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.346 ± 0.002 χ^2/NDF : 10444.6/23

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

Left: 0.374 ± 0.001 χ^2/NDF : 21402.8/46

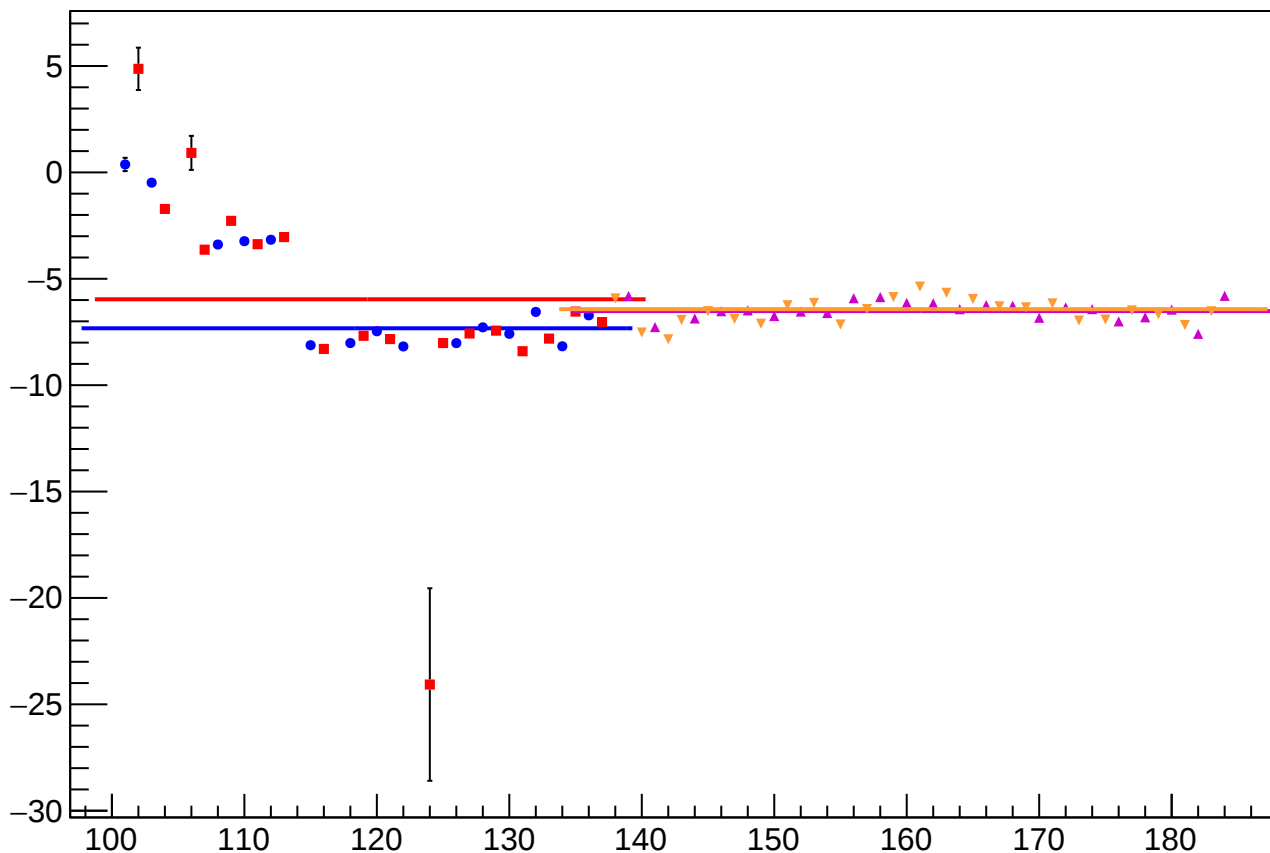
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.387 ± 0.001 χ^2/NDF : 12563.2/37

Out: 0.332 ± 0.002 χ^2/NDF : 13945.8/41

All: 0.362 ± 0.001 χ^2/NDF : 27216.9/79

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.428+/-0.005 χ^2/NDF : 7324.0/23

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.517+/-0.005 χ^2/NDF : 7083.8/22

Left: -6.475+/-0.003 χ^2/NDF : 14584.1/46

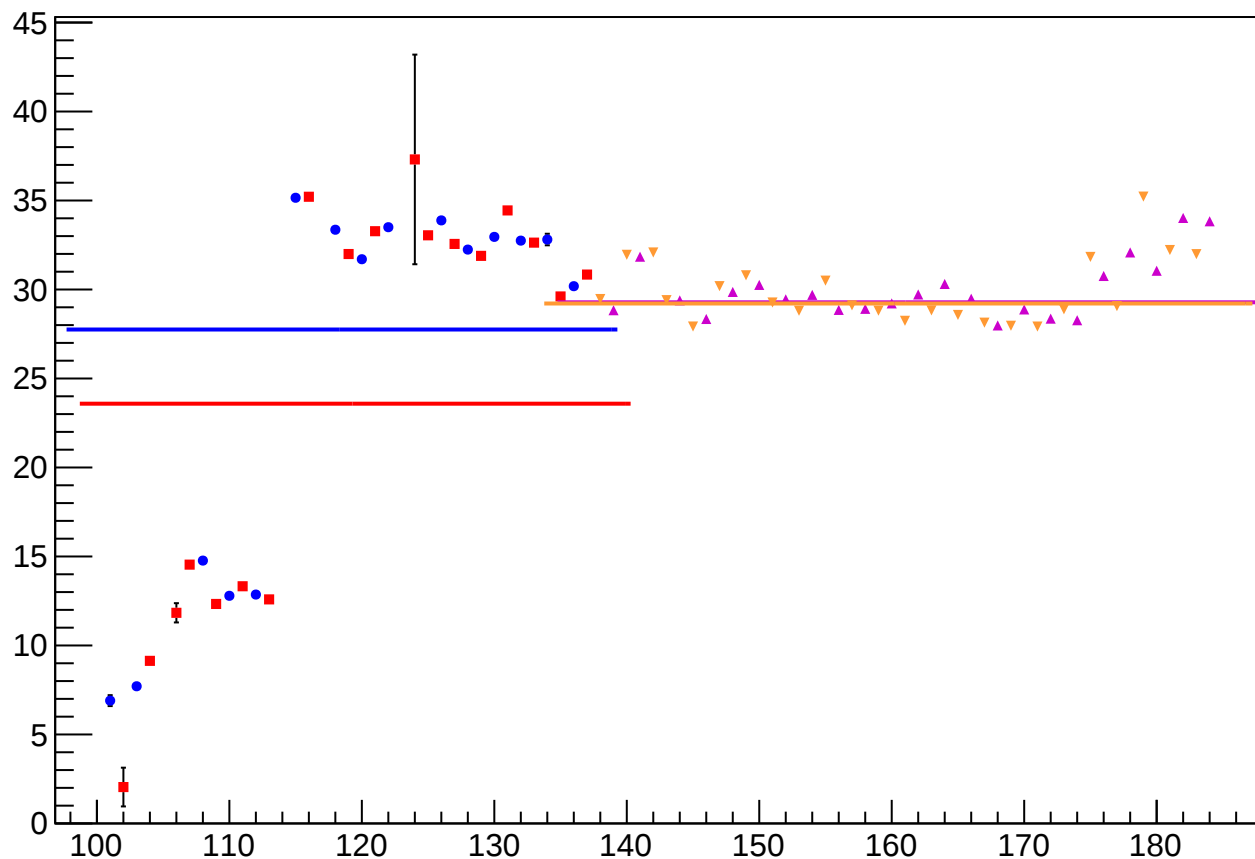
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.705+/-0.004 χ^2/NDF : 44743.4/37

Out: -6.320+/-0.004 χ^2/NDF : 81279.7/41

All: -6.522+/-0.003 χ^2/NDF : 130353.2/79

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.213 $\pm$ 0.008 χ^2 /NDF: 40113.9/23

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.281 $\pm$ 0.008 χ^2 /NDF: 12436.8/22

Left: 29.247 $\pm$ 0.006 χ^2 /NDF: 52583.2/46

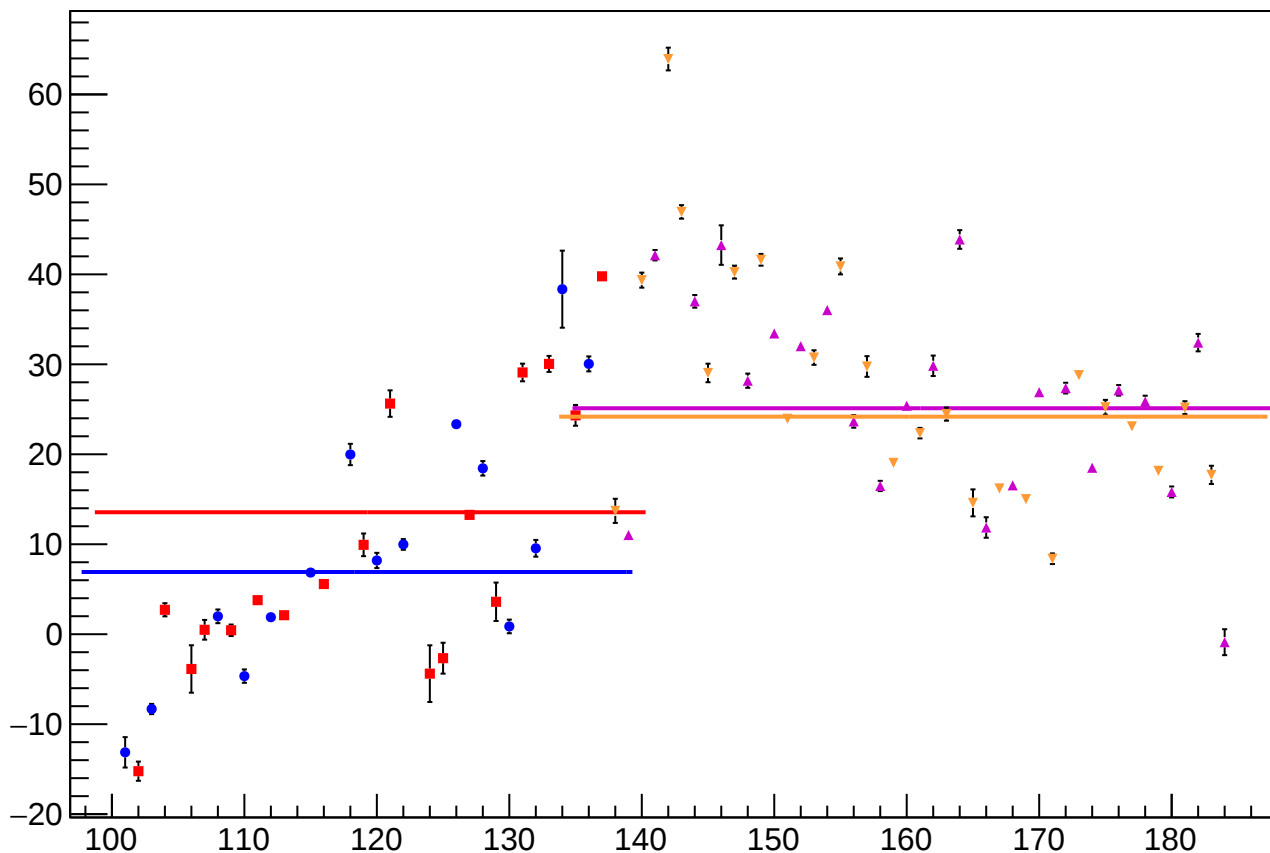
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.916 $\pm$ 0.007 χ^2 /NDF: 353236.0/37

Out: 27.687 $\pm$ 0.007 χ^2 /NDF: 702505.7/41

All: 28.285 $\pm$ 0.005 χ^2 /NDF: 1070156.0/79

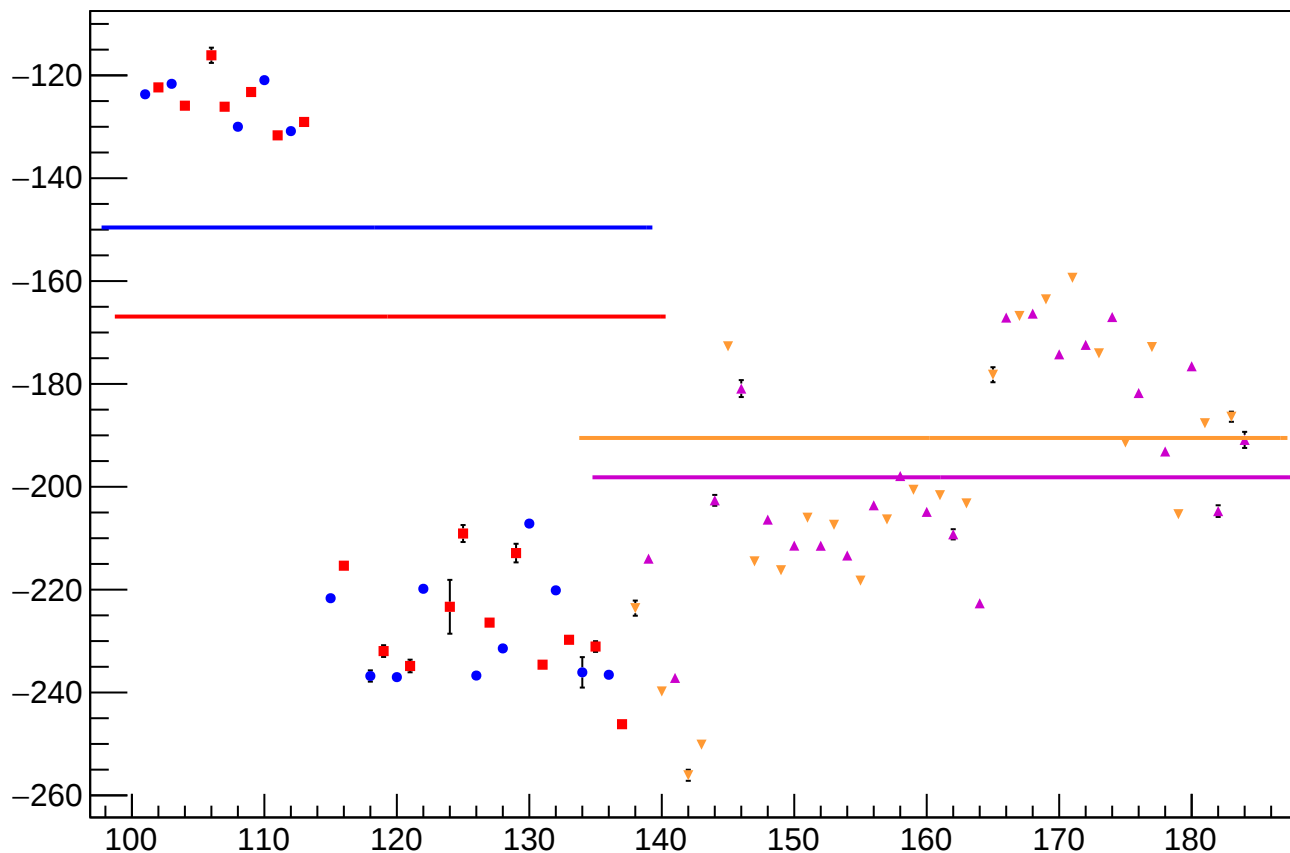
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2 /NDF: 3503.2/14
 Left Out: 24.179 $\pm$ 0.127 χ^2 /NDF:6170.5/23
 Right Out: 13.557 $\pm$ 0.145 χ^2 /NDF: 11657.2/17
 Left In: 25.118 $\pm$ 0.113 χ^2 /NDF:6448.8/22

Left: 24.704 $\pm$ 0.085 χ^2 /NDF: 12649.6/46
 Right: 10.880 $\pm$ 0.112 χ^2 /NDF: 16004.9/32
 In: 19.814 $\pm$ 0.095 χ^2 /NDF:17484.1/37
 Out: 19.552 $\pm$ 0.096 χ^2 /NDF:20853.7/41
 All: 19.684 $\pm$ 0.068 χ^2 /NDF: 38341.5/79

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -190.505 $\pm$ 0.103 χ^2 /NDF: 50654.7/23

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -198.153 $\pm$ 0.098 χ^2 /NDF: 42045.5/22

Left: -194.516 $\pm$ 0.071 χ^2 /NDF: 95568.2/46

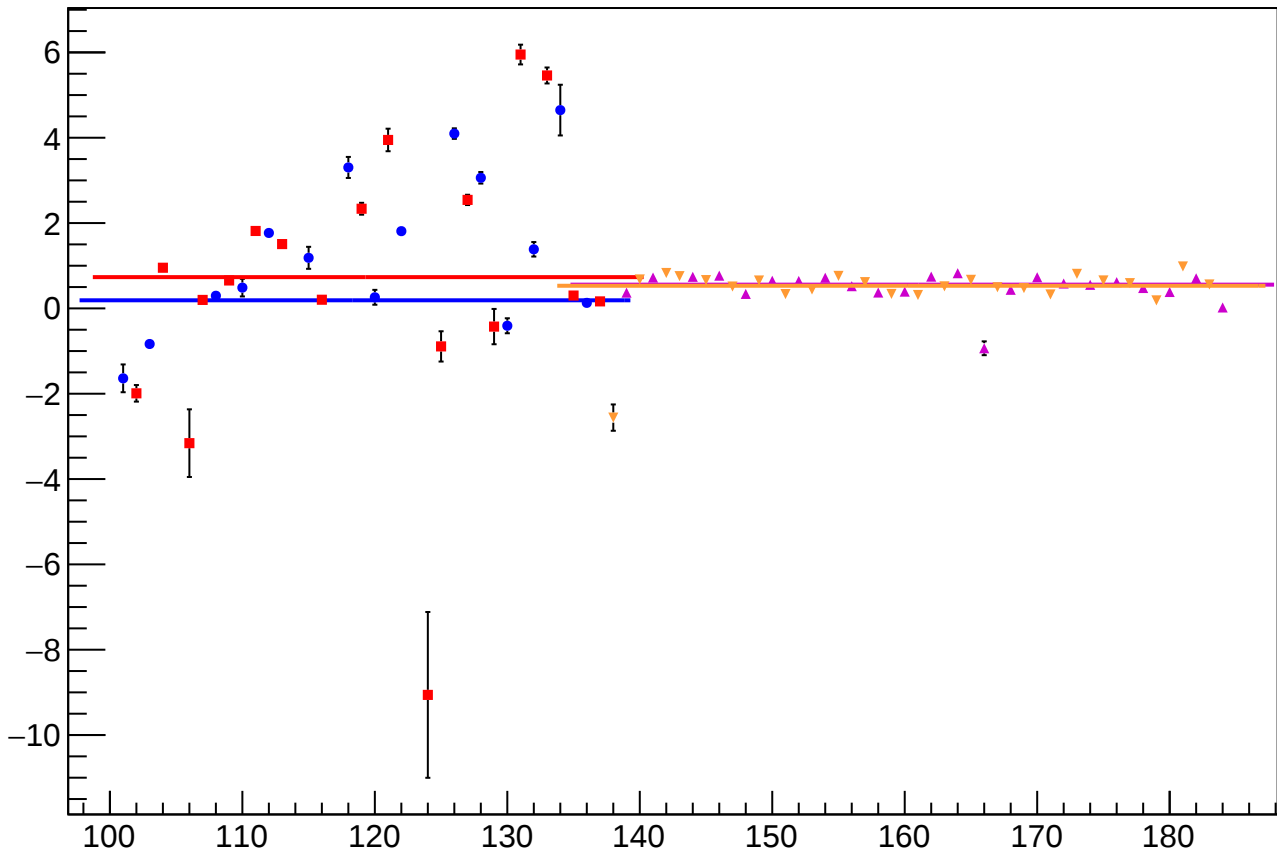
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -174.448 $\pm$ 0.070 χ^2 /NDF: 355849.6/37

Out: -178.375 $\pm$ 0.072 χ^2 /NDF: 372918.0/41

All: -176.366 $\pm$ 0.050 χ^2 /NDF: 730284.3/79

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.530 ± 0.002 χ^2/NDF : 8554.8/23

Right Out: 0.733 ± 0.020 χ^2/NDF : 2666.9/17

Left In: 0.556 ± 0.002 χ^2/NDF : 5988.8/22

Left: 0.544 ± 0.001 χ^2/NDF : 14627.8/46

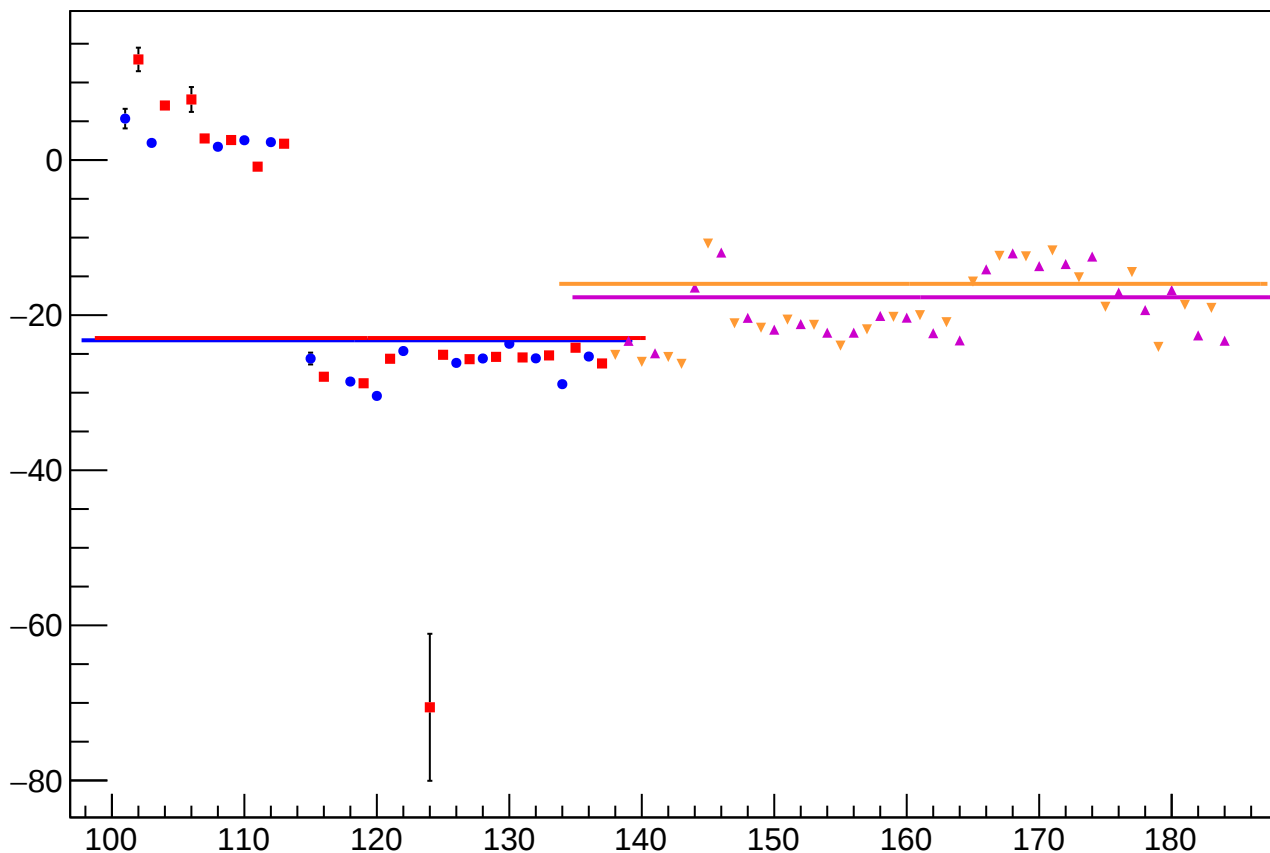
Right: 0.276 ± 0.008 χ^2/NDF : 6029.4/32

In: 0.539 ± 0.002 χ^2/NDF : 10442.7/37

Out: 0.533 ± 0.002 χ^2/NDF : 11325.5/41

All: 0.536 ± 0.001 χ^2/NDF : 21773.0/79

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 $\pm$ 0.025 χ^2 /NDF: 103102.8/14

Left Out: -15.963 $\pm$ 0.011 χ^2 /NDF: 188462.0/23

Right Out: -22.951 $\pm$ 0.025 χ^2 /NDF: 108039.1/17

Left In: -17.695 $\pm$ 0.012 χ^2 /NDF: 121415.4/22

Left: -16.779 $\pm$ 0.008 χ^2 /NDF: 321457.1/46

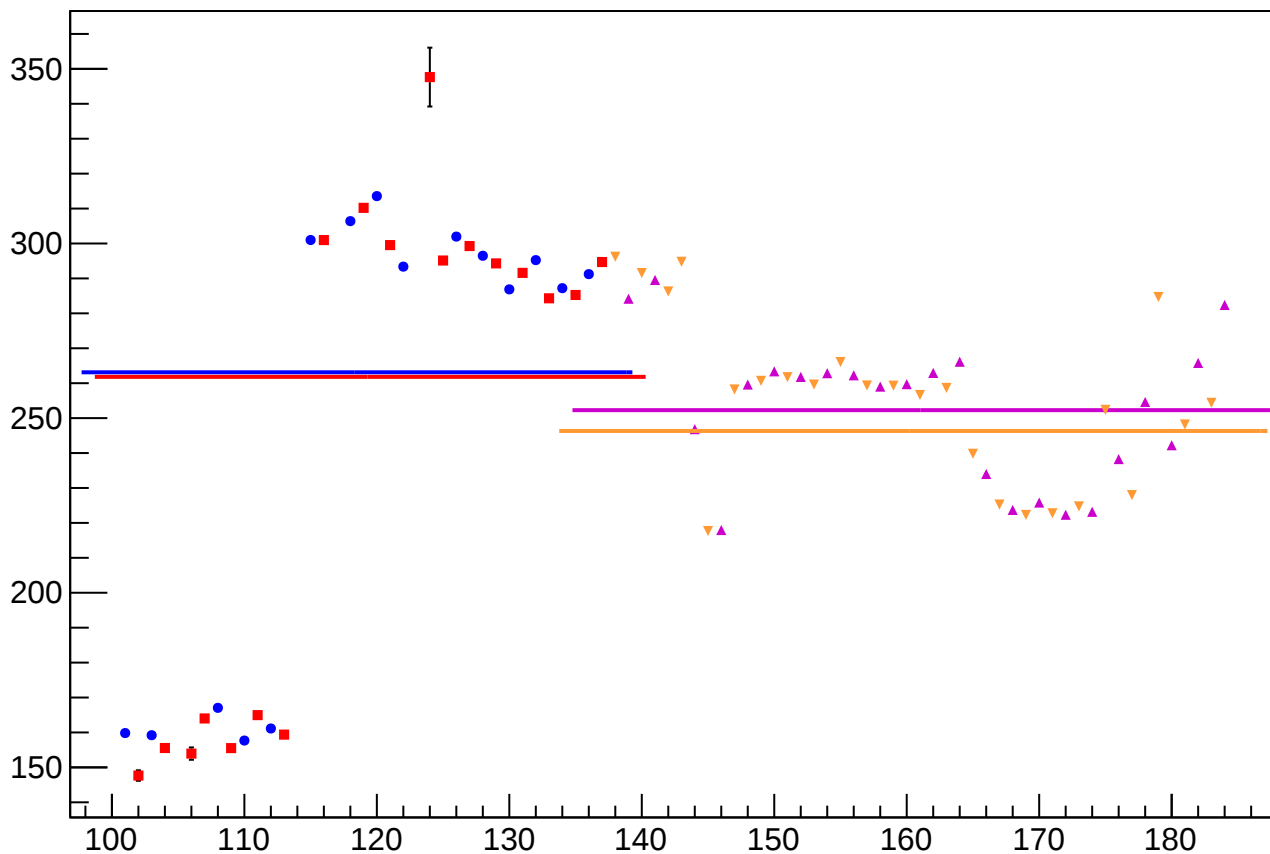
Right: -23.095 $\pm$ 0.017 χ^2 /NDF: 211210.7/32

In: -18.707 $\pm$ 0.011 χ^2 /NDF: 265521.4/37

Out: -17.128 $\pm$ 0.010 χ^2 /NDF: 363245.1/41

All: -17.879 $\pm$ 0.007 χ^2 /NDF: 640450.7/79

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 246.324+/-0.028 χ^2/NDF : 684790.0/23

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

Left: 249.287+/-0.020 χ^2/NDF : 1066630.4/46

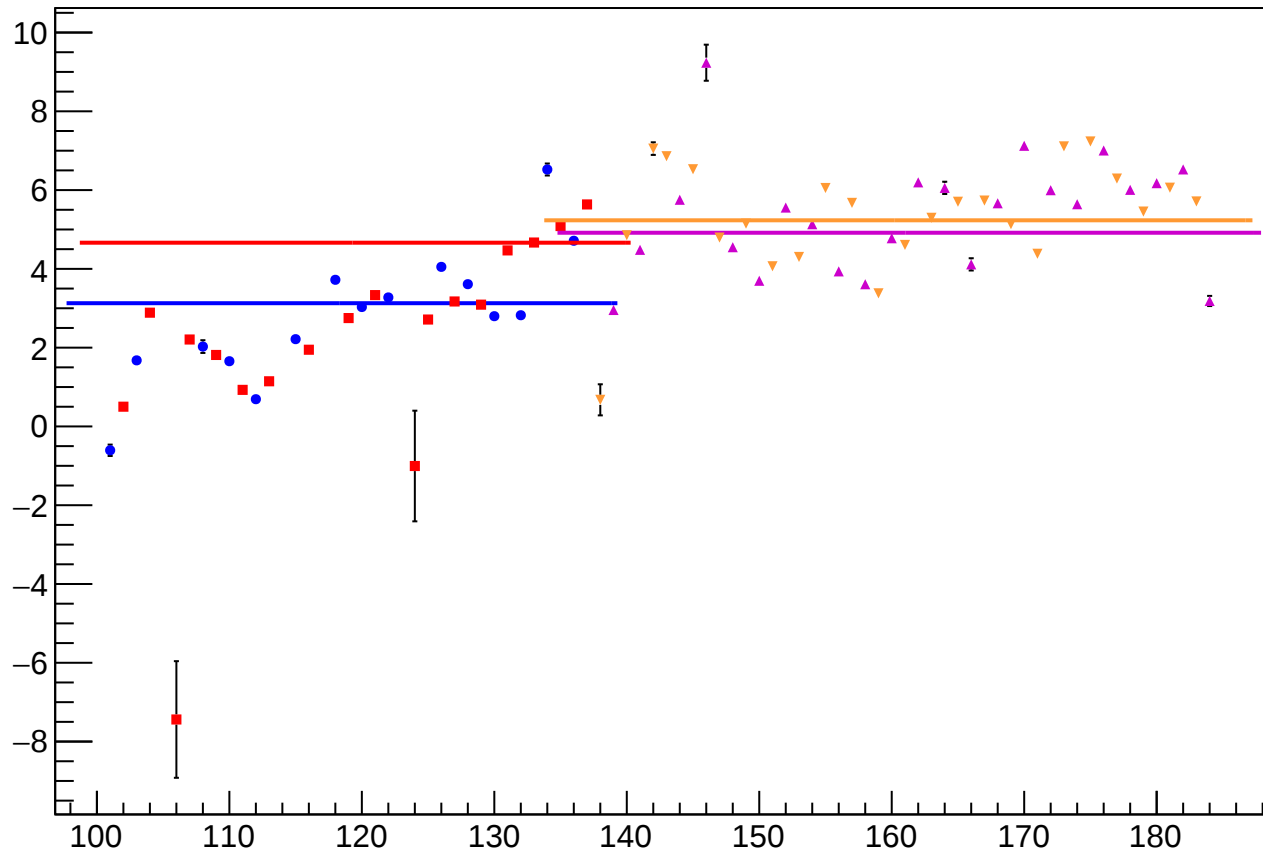
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.850+/-0.026 χ^2/NDF : 1073782.4/37

Out: 249.111+/-0.026 χ^2/NDF : 1744847.2/41

All: 251.420+/-0.018 χ^2/NDF : 2835272.7/79

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.233 ± 0.014 $\chi^2/\text{NDF}: 4522.8/23$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.917 ± 0.013 $\chi^2/\text{NDF}: 10749.9/22$

Left: 5.063 ± 0.009 $\chi^2/\text{NDF}: 15556.5/46$

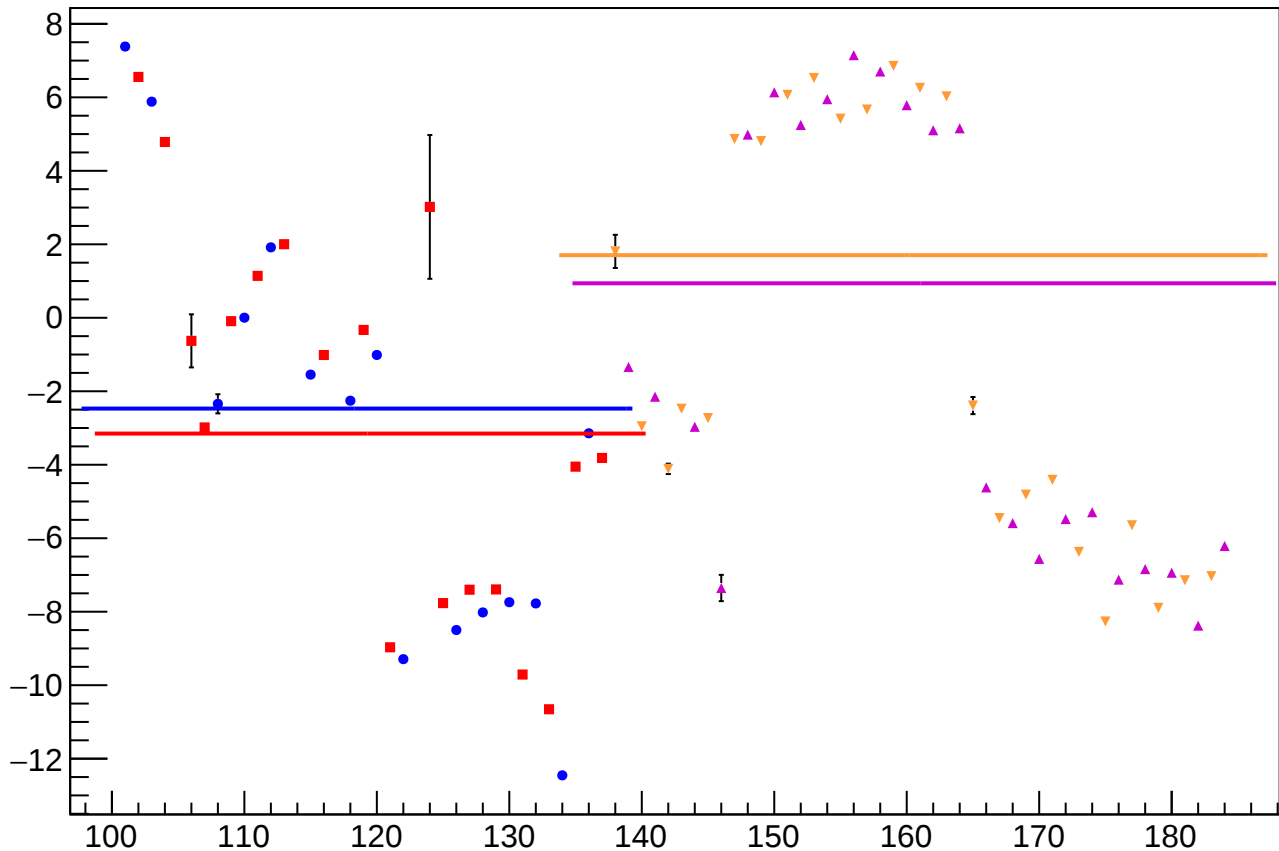
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.209 ± 0.010 $\chi^2/\text{NDF}: 24205.7/37$

Out: 4.764 ± 0.006 $\chi^2/\text{NDF}: 72795.4/41$

All: 4.624 ± 0.005 $\chi^2/\text{NDF}: 99343.5/79$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Left: 1.308 ± 0.008 χ^2/NDF : 473013.3/46

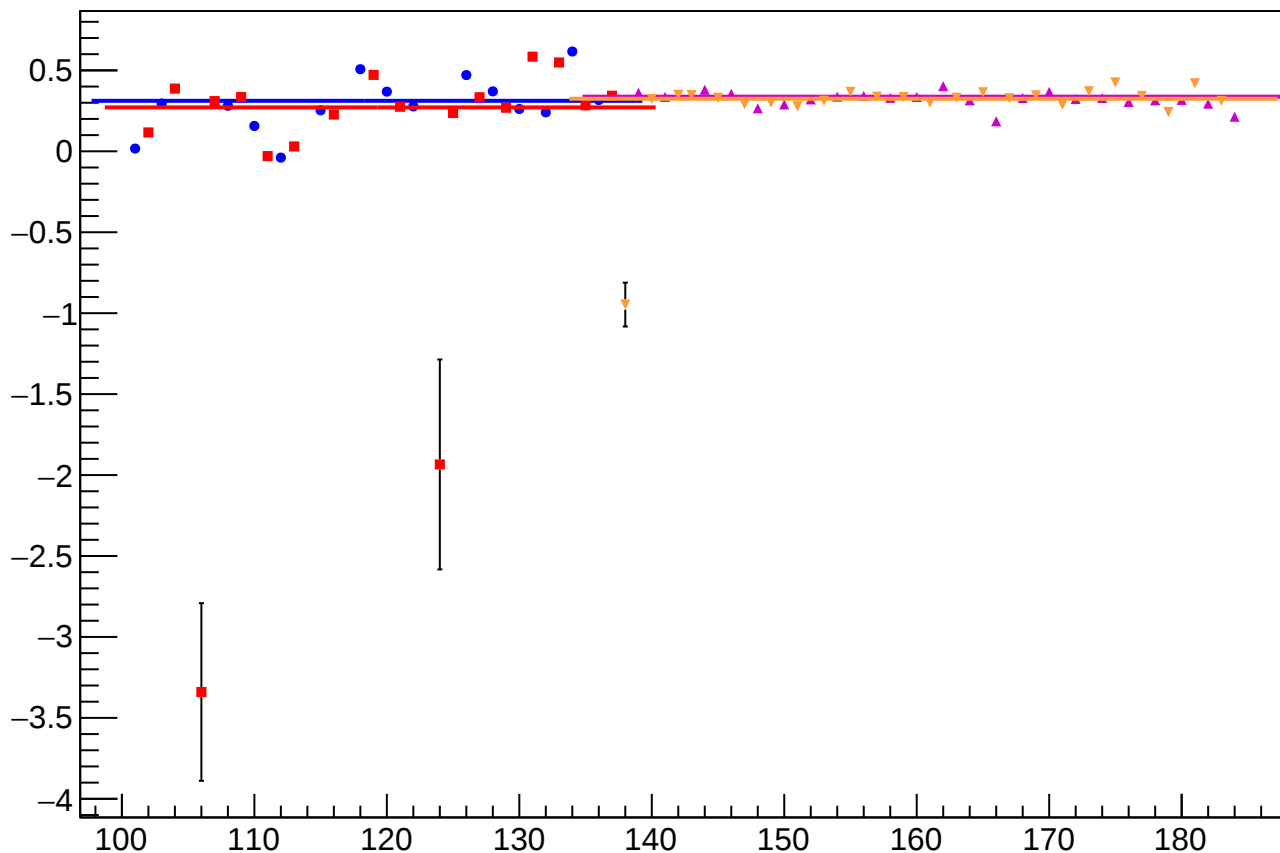
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: -0.367 ± 0.009 χ^2/NDF : 532111.4/37

Out: -1.719 ± 0.006 χ^2/NDF : 590498.1/41

All: -1.262 ± 0.005 χ^2/NDF : 1138481.4/79

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.325 ± 0.001 $\chi^2/\text{NDF}: 2881.7/23$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4013.5/22$

Left: 0.331 ± 0.000 $\chi^2/\text{NDF}: 7158.4/46$

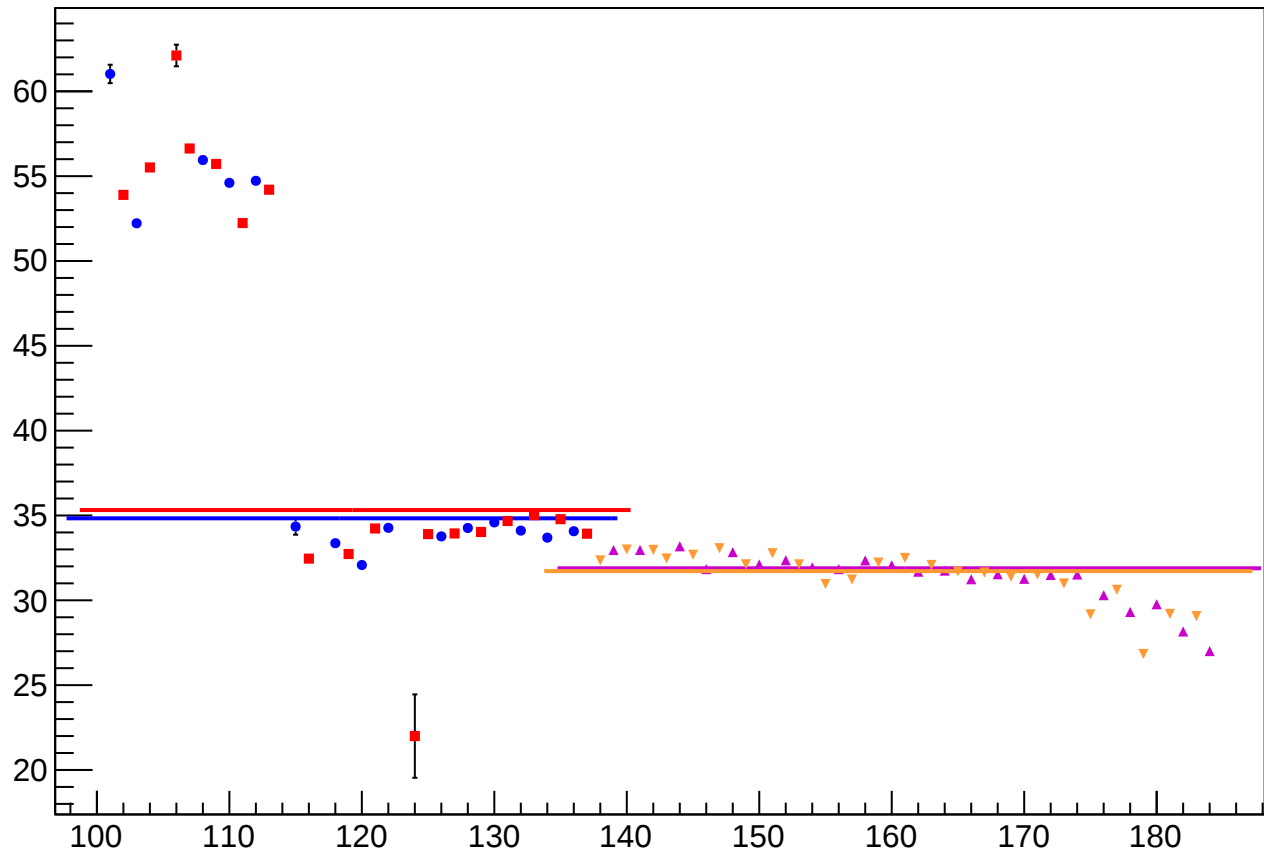
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.000 $\chi^2/\text{NDF}: 5667.7/37$

Out: 0.321 ± 0.001 $\chi^2/\text{NDF}: 9620.5/41$

All: 0.328 ± 0.000 $\chi^2/\text{NDF}: 15577.0/79$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.721 $\pm$ 0.003 χ^2 /NDF: 67512.2/23

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

Left: 31.794 $\pm$ 0.002 χ^2 /NDF: 101899.6/46

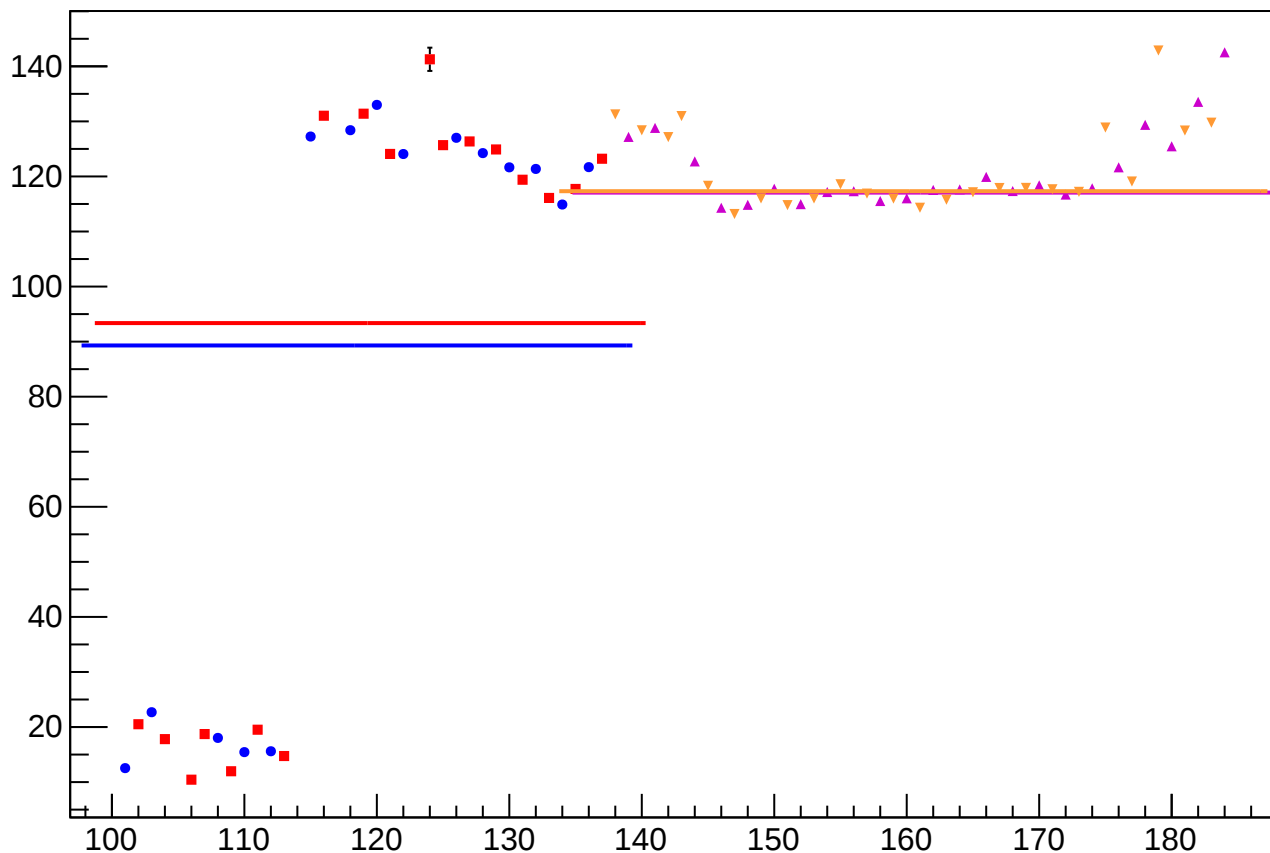
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.329 $\pm$ 0.003 χ^2 /NDF: 377934.2/37

Out: 32.057 $\pm$ 0.003 χ^2 /NDF: 447483.2/41

All: 32.181 $\pm$ 0.002 χ^2 /NDF: 829045.7/79

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.321 ± 0.008 $\chi^2/\text{NDF}: 154523.8/23$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.066 ± 0.009 $\chi^2/\text{NDF}: 63800.7/22$

Left: 117.205 ± 0.006 $\chi^2/\text{NDF}: 218785.3/46$

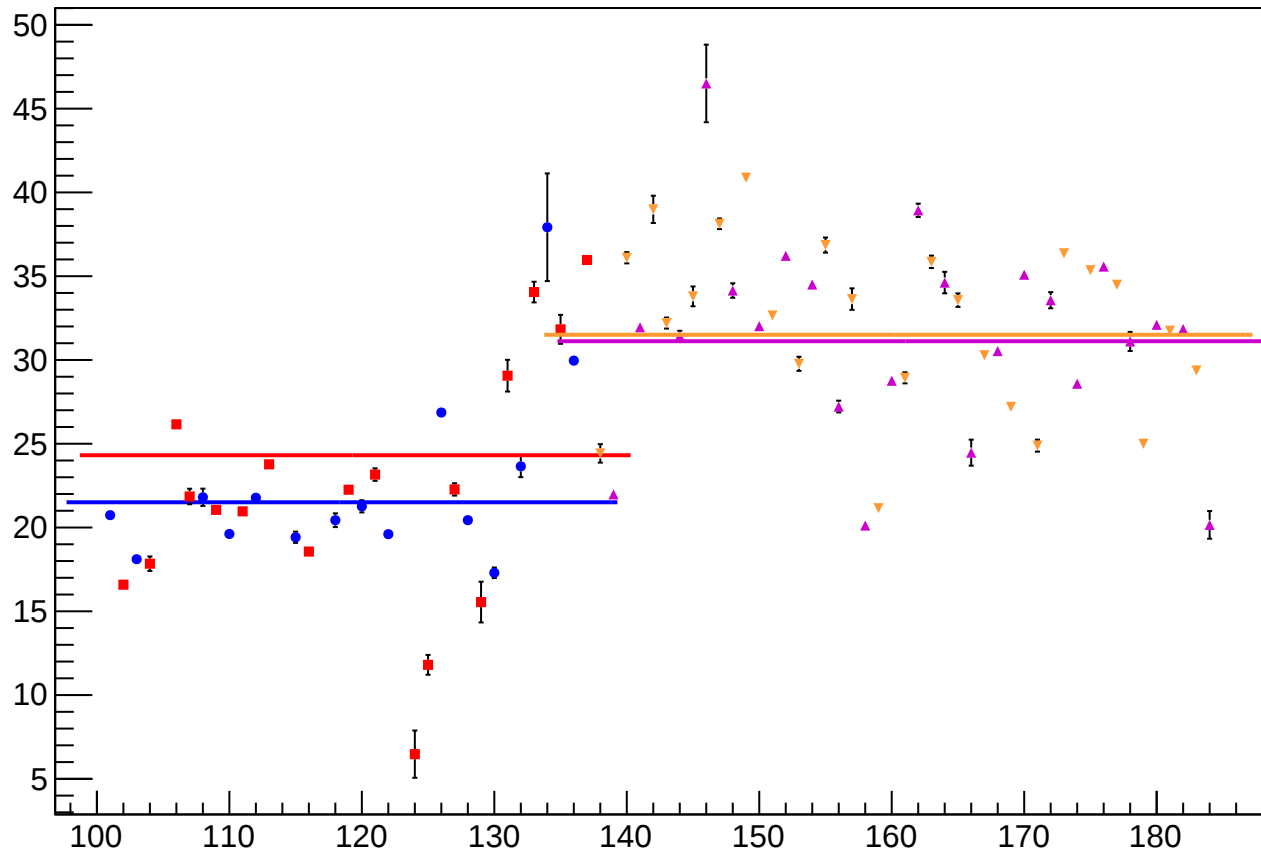
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.497 ± 0.008 $\chi^2/\text{NDF}: 4027441.9/37$

Out: 115.730 ± 0.008 $\chi^2/\text{NDF}: 3604526.6/41$

All: 115.162 ± 0.006 $\chi^2/\text{NDF}: 7643749.2/79$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.503 $\pm$ 0.061 χ^2 /NDF: 6153.0/23

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.120 $\pm$ 0.058 χ^2 /NDF: 6111.4/22

Left: 31.300 $\pm$ 0.042 χ^2 /NDF: 12285.3/46

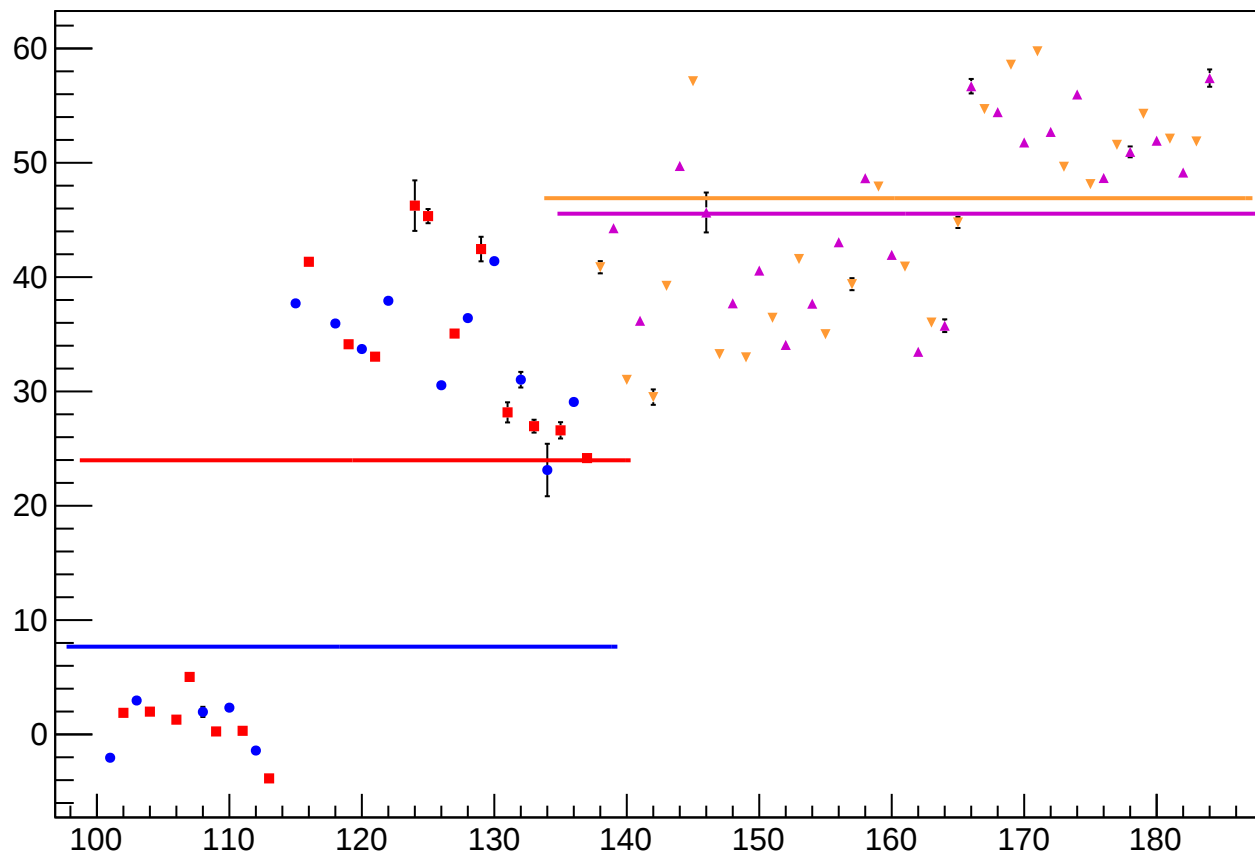
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.393 $\pm$ 0.045 χ^2 /NDF: 19892.8/37

Out: 27.744 $\pm$ 0.042 χ^2 /NDF: 27661.3/41

All: 27.580 $\pm$ 0.031 χ^2 /NDF: 47586.3/79

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.904 ± 0.051 $\chi^2/\text{NDF}: 26985.0/23$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.548 ± 0.049 $\chi^2/\text{NDF}: 19148.5/22$

Left: 46.205 ± 0.035 $\chi^2/\text{NDF}: 46500.3/46$

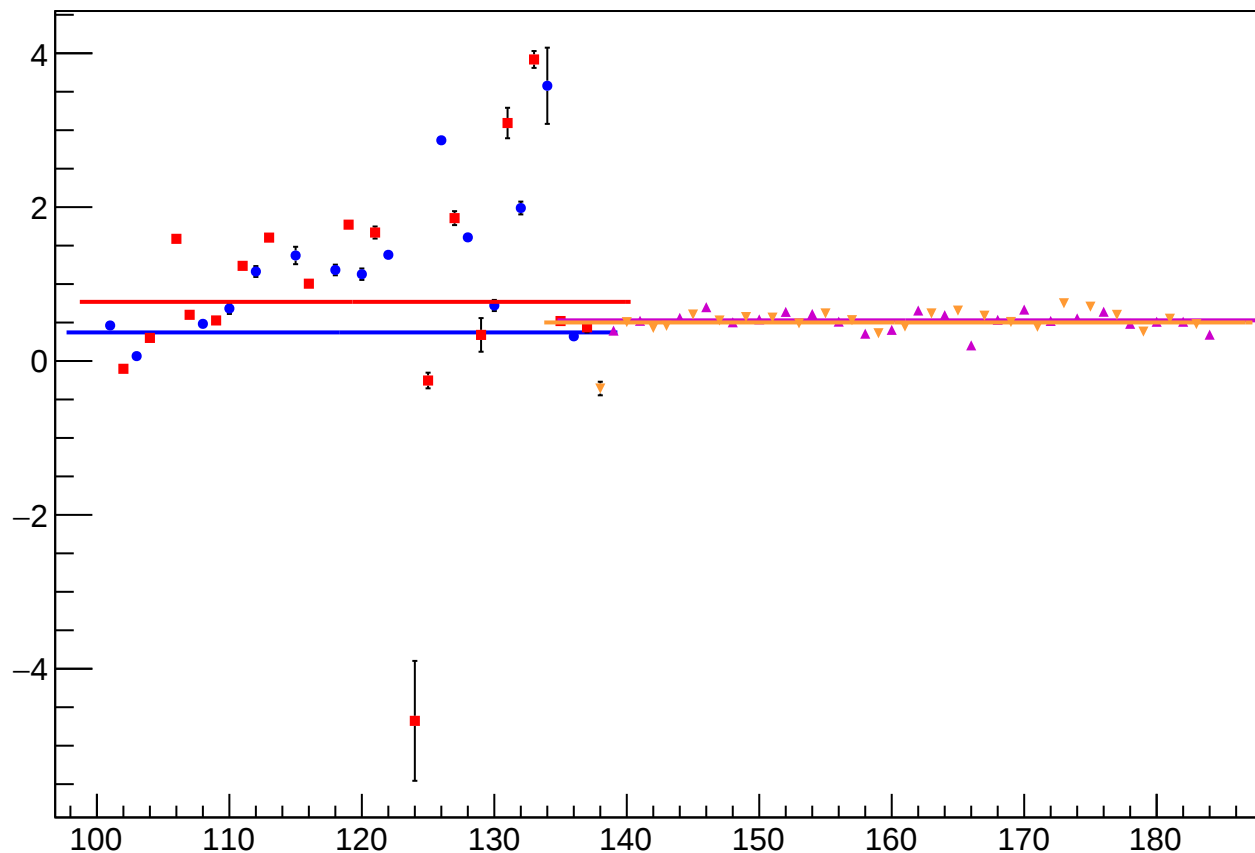
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.990 ± 0.033 $\chi^2/\text{NDF}: 436078.9/37$

Out: 24.556 ± 0.008 $\chi^2/\text{NDF}: 335701.6/41$

All: 24.580 ± 0.008 $\chi^2/\text{NDF}: 771941.3/79$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501+/-0.001 χ^2/NDF :15192.3/23

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.528+/-0.001 χ^2/NDF :12771.0/22

Left: 0.517+/-0.001 χ^2/NDF : 28452.2/46

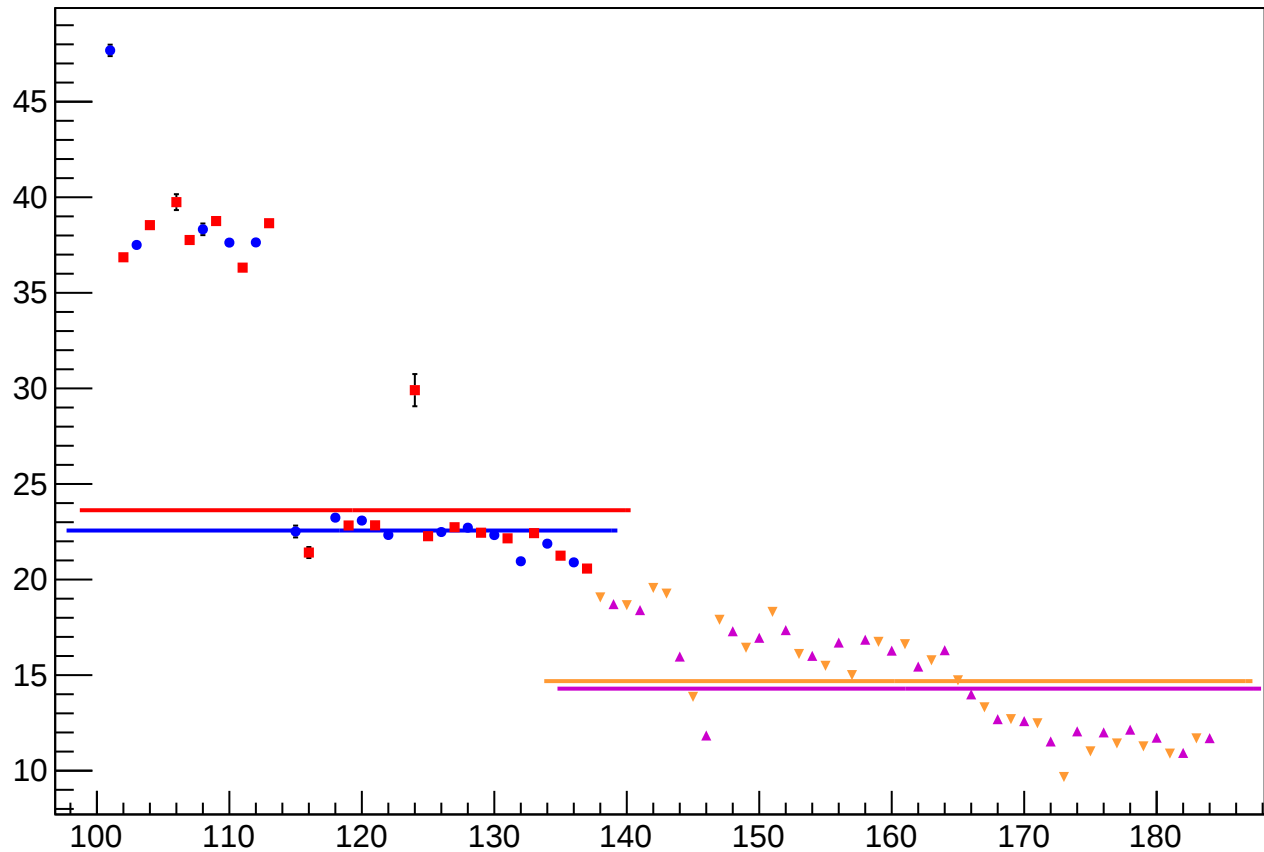
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.523+/-0.001 χ^2/NDF :18771.1/37

Out: 0.506+/-0.001 χ^2/NDF :20793.5/41

All: 0.516+/-0.001 χ^2/NDF : 39766.5/79

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2/NDF : 92859.1/14

Left Out: 14.686 $\pm$ 0.005 χ^2/NDF : 312569.2/23

Right Out: 23.627 $\pm$ 0.011 χ^2/NDF : 123194.1/17

Left In: 14.293 $\pm$ 0.005 χ^2/NDF : 213936.0/22

Left: 14.495 $\pm$ 0.004 χ^2/NDF : 529228.1/46

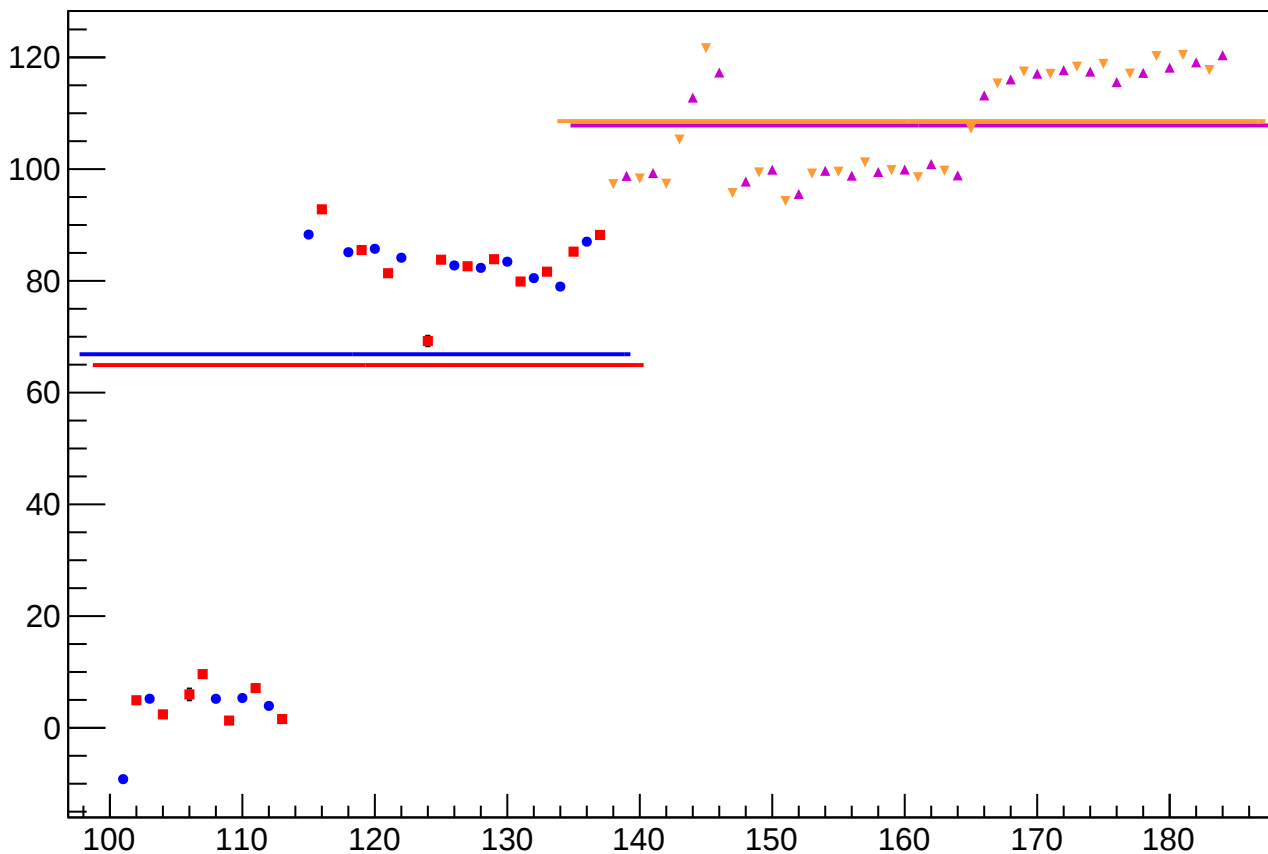
Right: 23.044 $\pm$ 0.008 χ^2/NDF : 220970.6/32

In: 16.118 $\pm$ 0.005 χ^2/NDF : 822092.2/37

Out: 16.293 $\pm$ 0.005 χ^2/NDF : 956496.2/41

All: 16.206 $\pm$ 0.003 χ^2/NDF : 1779262.8/79

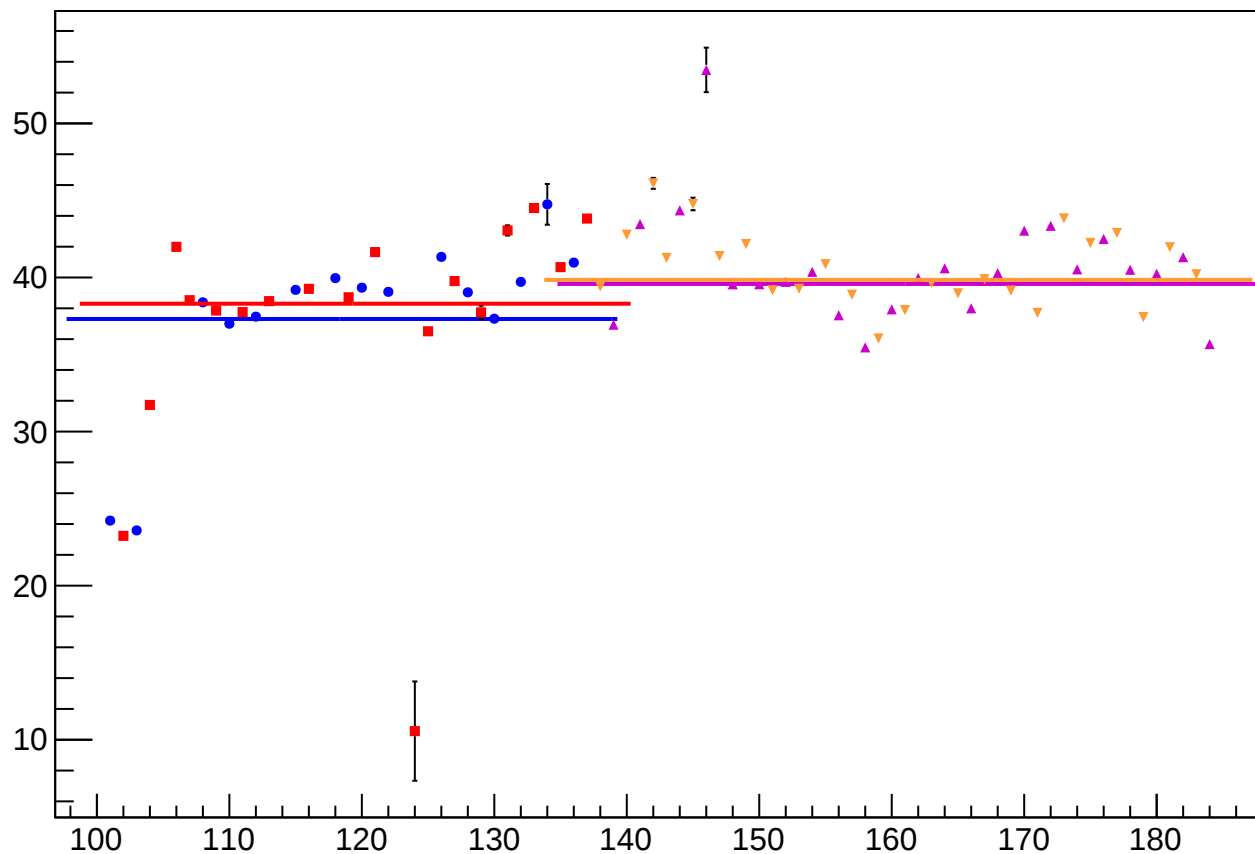
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 108.593 $\pm$ 0.010 χ^2 /NDF:1006055.5/23
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 107.814 $\pm$ 0.010 χ^2 /NDF:911439.9/22

Left: 108.203 $\pm$ 0.007 χ^2 /NDF: 1920779.0/46
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 103.229 $\pm$ 0.009 χ^2 /NDF:4439055.0/37
 Out: 104.453 $\pm$ 0.009 χ^2 /NDF:4293424.8/41
 All: 103.834 $\pm$ 0.006 χ^2 /NDF: 8741514.3/79

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.845 ± 0.027 $\chi^2/\text{NDF}: 6861.7/23$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.582 ± 0.023 $\chi^2/\text{NDF}: 9138.0/22$

Left: 39.691 ± 0.018 $\chi^2/\text{NDF}: 16054.4/46$

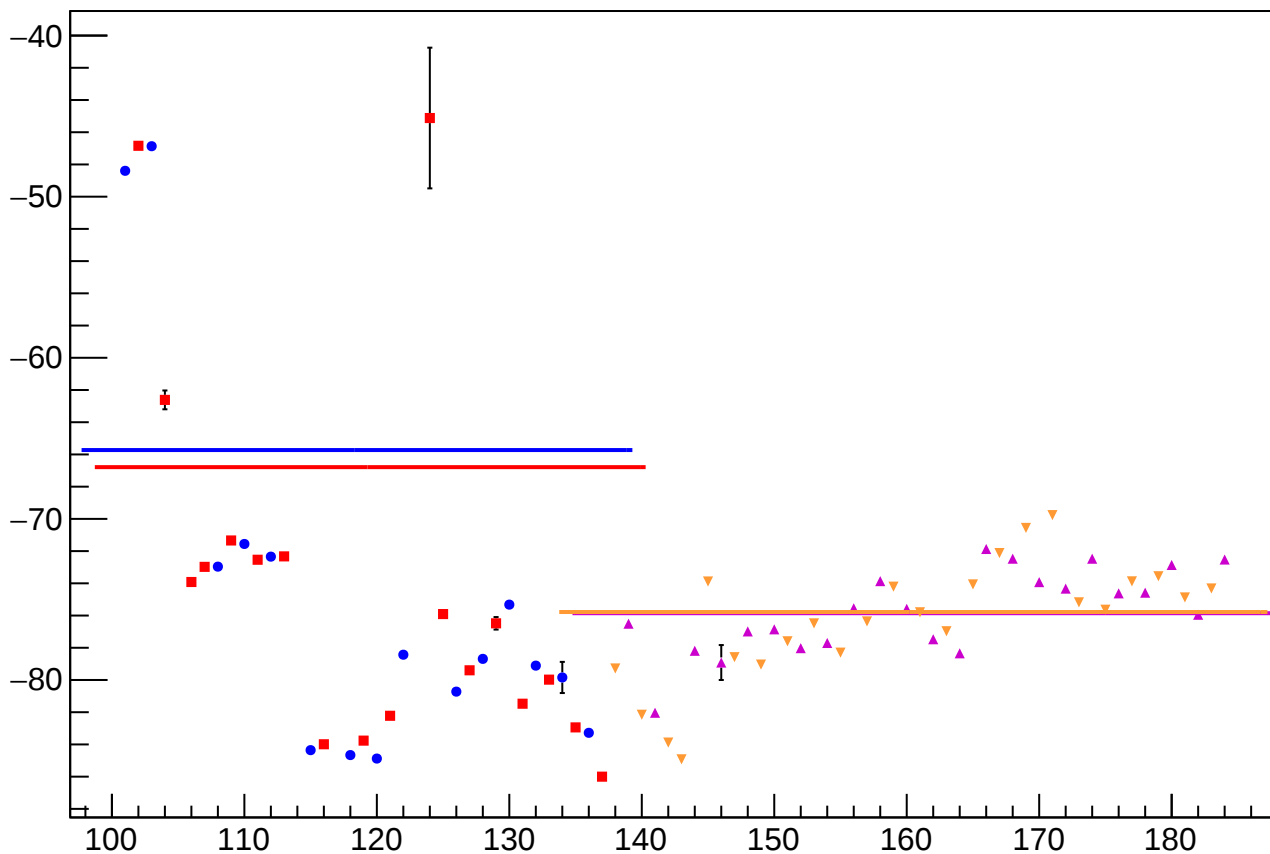
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.450 ± 0.016 $\chi^2/\text{NDF}: 73591.2/37$

Out: 38.860 ± 0.016 $\chi^2/\text{NDF}: 27757.3/41$

All: 38.653 ± 0.012 $\chi^2/\text{NDF}: 101663.6/79$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -75.781 $\pm$ 0.022 χ^2 /NDF:23682.8/23

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -75.855 $\pm$ 0.019 χ^2 /NDF:12226.9/22

Left: -75.823 $\pm$ 0.014 χ^2 /NDF: 35916.3/46

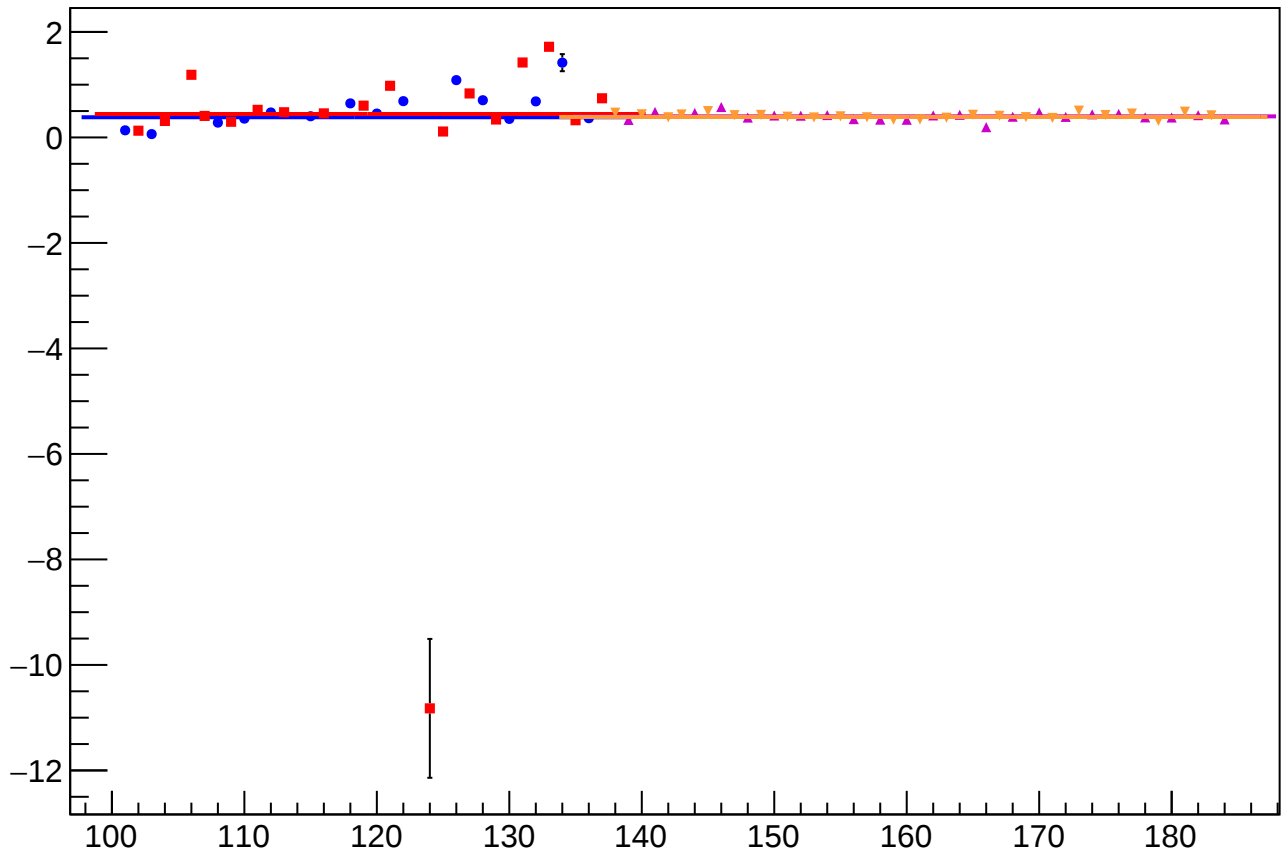
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -70.150 $\pm$ 0.013 χ^2 /NDF:1073023.0/37

Out: -69.881 $\pm$ 0.013 χ^2 /NDF:944362.0/41

All: -70.017 $\pm$ 0.009 χ^2 /NDF: 2017607.6/79

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.388+/-0.000 χ^2/NDF :10603.9/23

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.399+/-0.000 χ^2/NDF :8983.2/22

Left: 0.394+/-0.000 χ^2/NDF : 19882.6/46

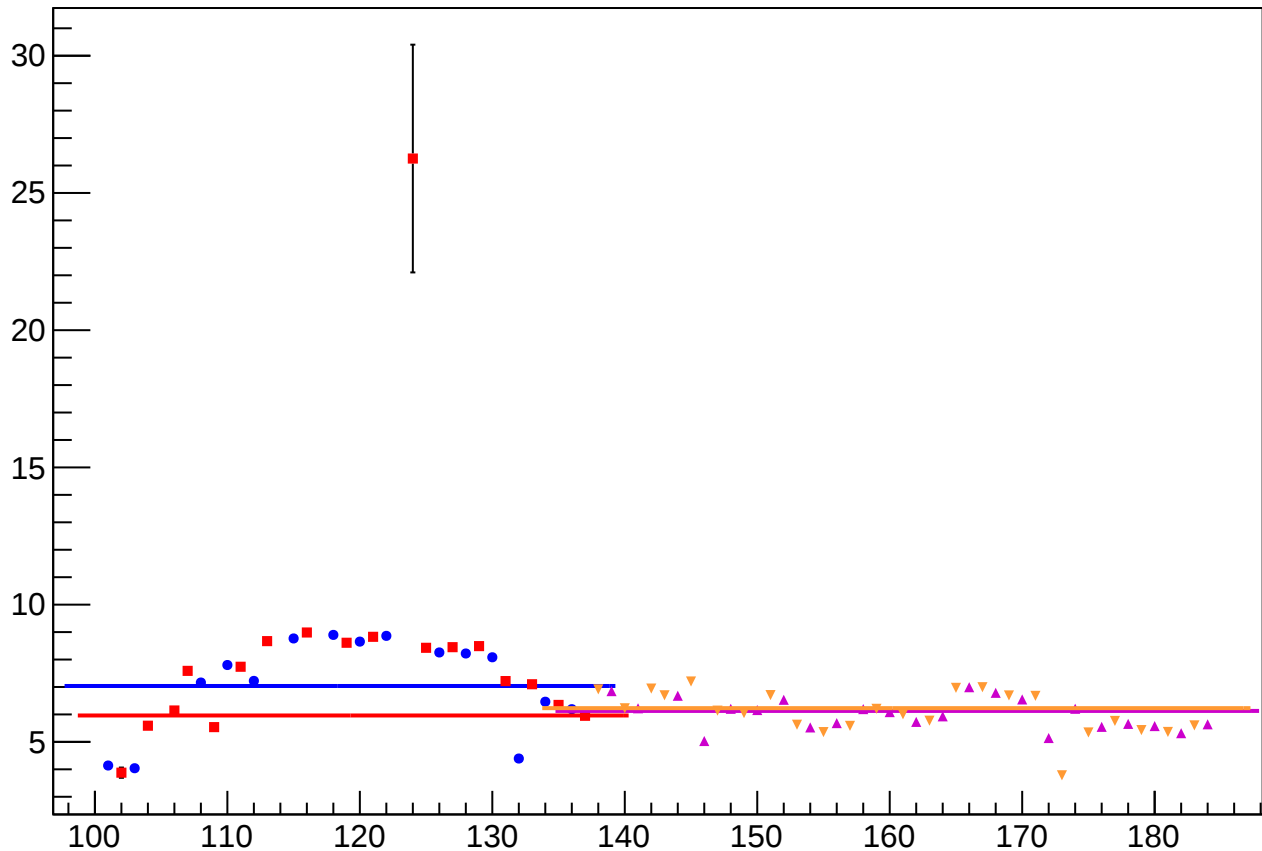
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.398+/-0.000 χ^2/NDF :17230.6/37

Out: 0.389+/-0.000 χ^2/NDF :13620.5/41

All: 0.394+/-0.000 χ^2/NDF : 31066.3/79

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.229 ± 0.002 χ^2/NDF : 118000.3/23

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.128 ± 0.002 χ^2/NDF : 56126.9/22

Left: 6.178 ± 0.001 χ^2/NDF : 176355.7/46

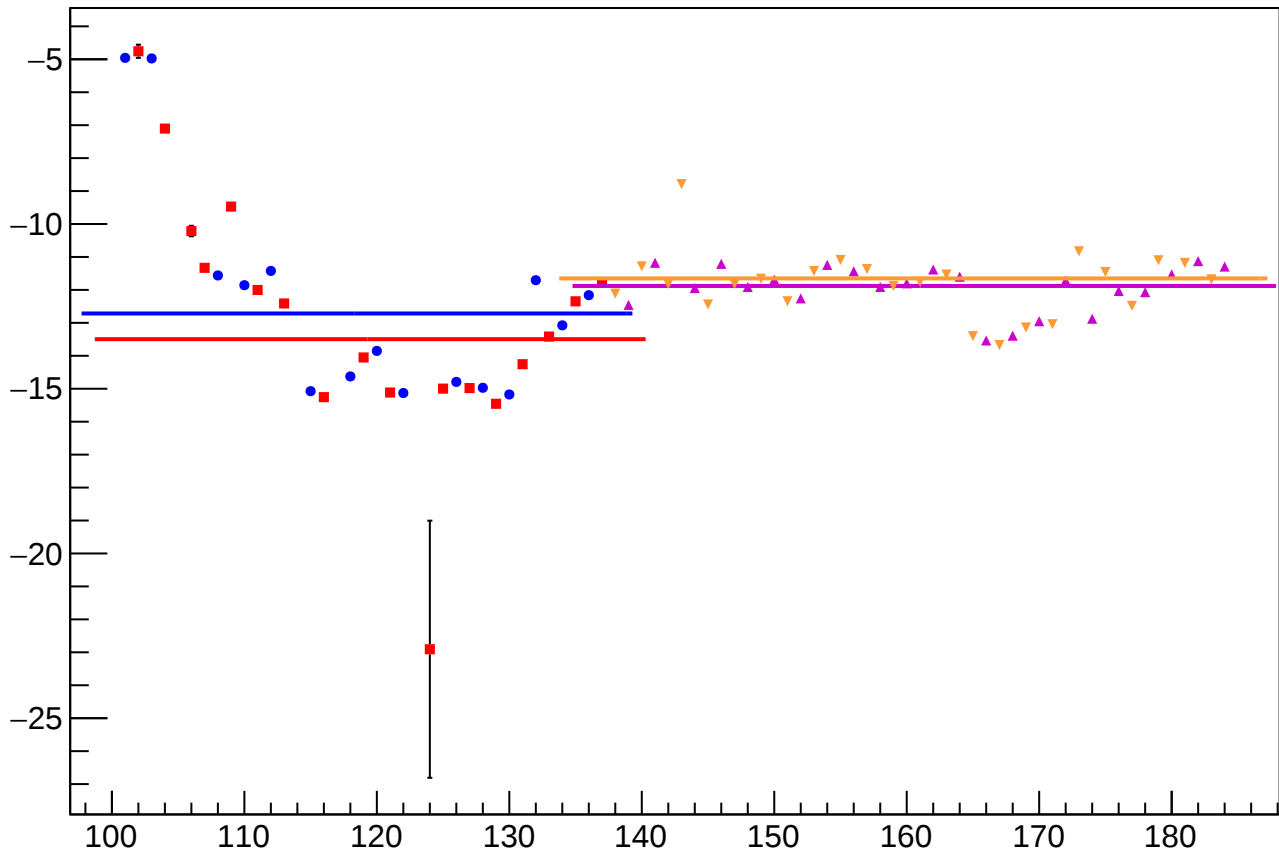
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.219 ± 0.001 χ^2/NDF : 162354.5/37

Out: 5.980 ± 0.000 χ^2/NDF : 315182.7/41

All: 5.997 ± 0.000 χ^2/NDF : 503499.7/79

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.651 ± 0.002 $\chi^2/\text{NDF}: 344023.2/23$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.880 ± 0.002 $\chi^2/\text{NDF}: 66782.1/22$

Left: -11.765 ± 0.001 $\chi^2/\text{NDF}: 416833.1/46$

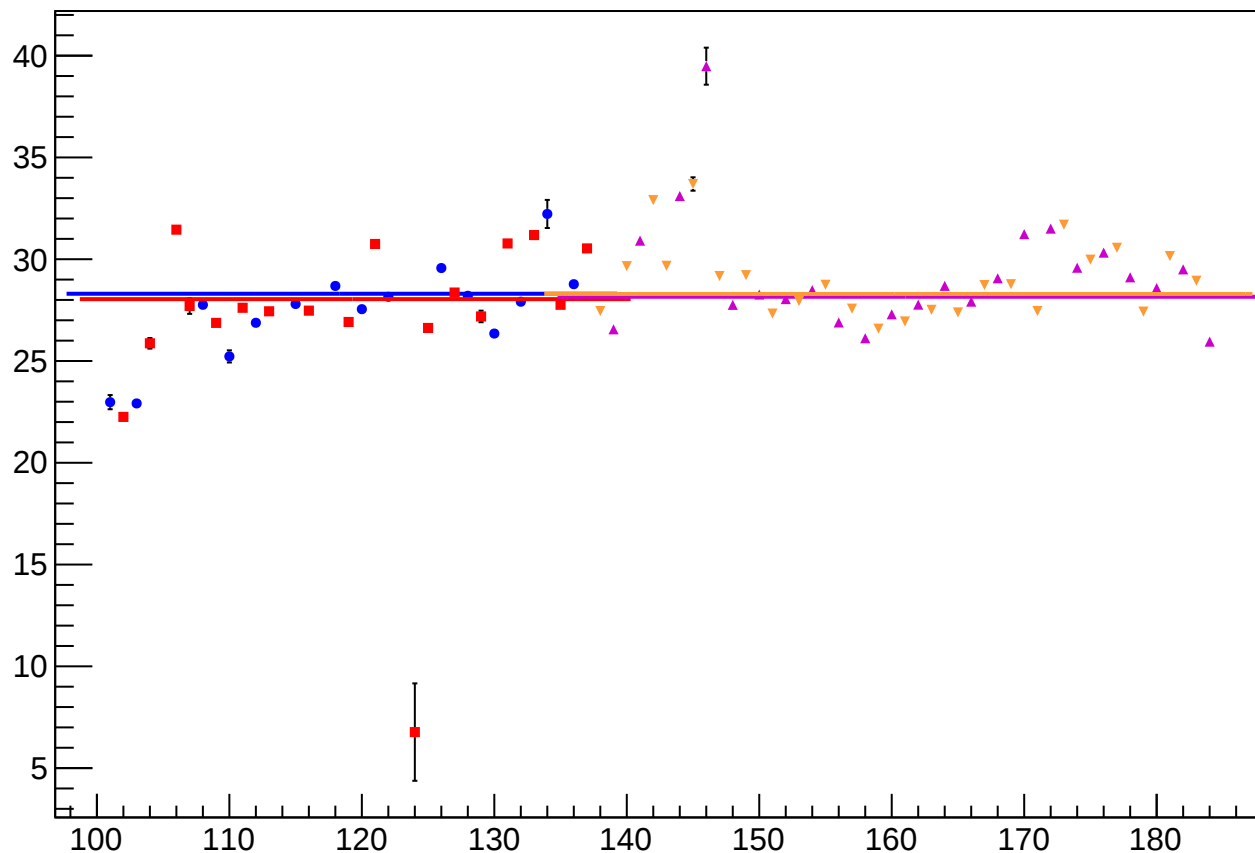
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.962 ± 0.002 $\chi^2/\text{NDF}: 167467.3/37$

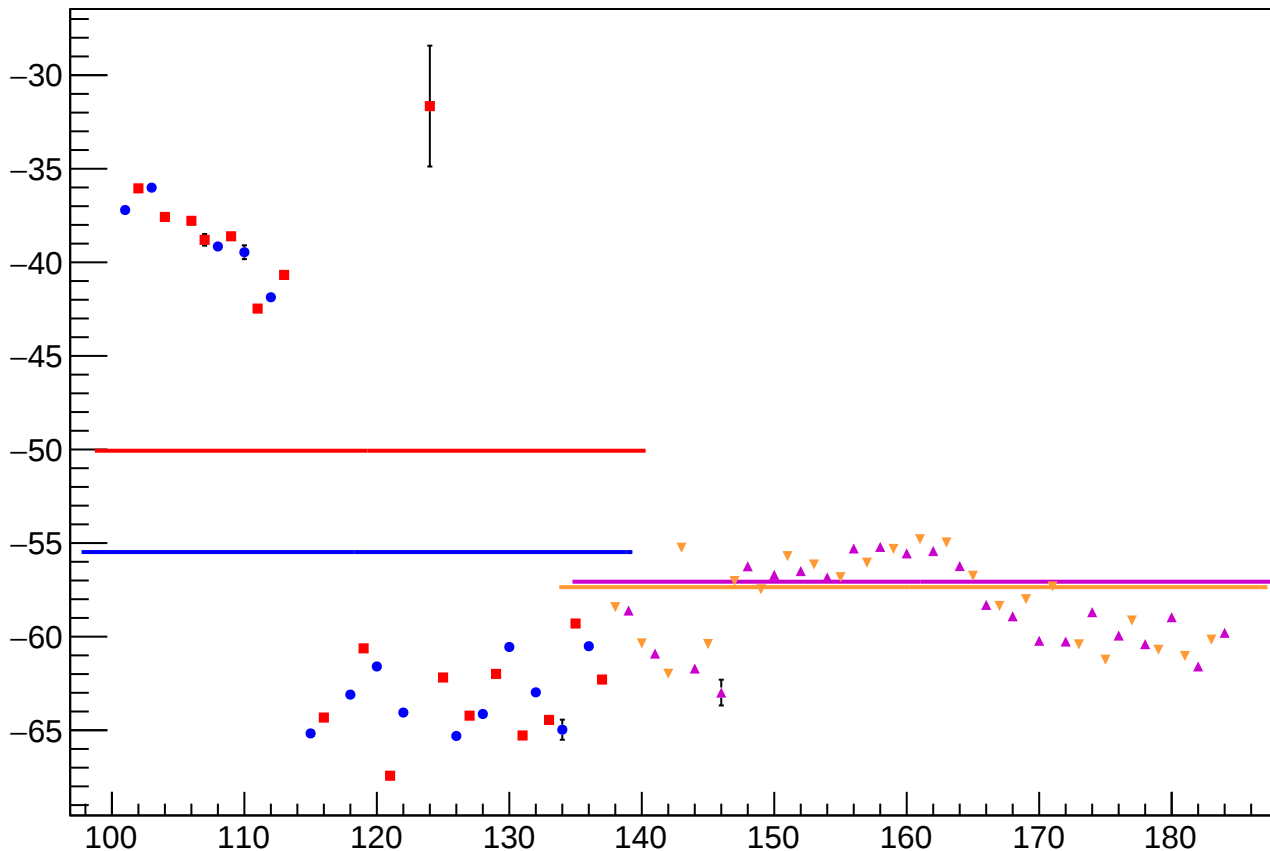
Out: -11.861 ± 0.002 $\chi^2/\text{NDF}: 489112.1/41$

All: -11.910 ± 0.001 $\chi^2/\text{NDF}: 657889.4/79$

dit_sam8_4aX_slope vs Slug, Sign Corrected



dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.355 ± 0.014 χ^2/NDF : 22950.8/23

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -57.064 ± 0.013 χ^2/NDF : 19679.5/22

Left: -57.190 ± 0.010 χ^2/NDF : 42857.3/46

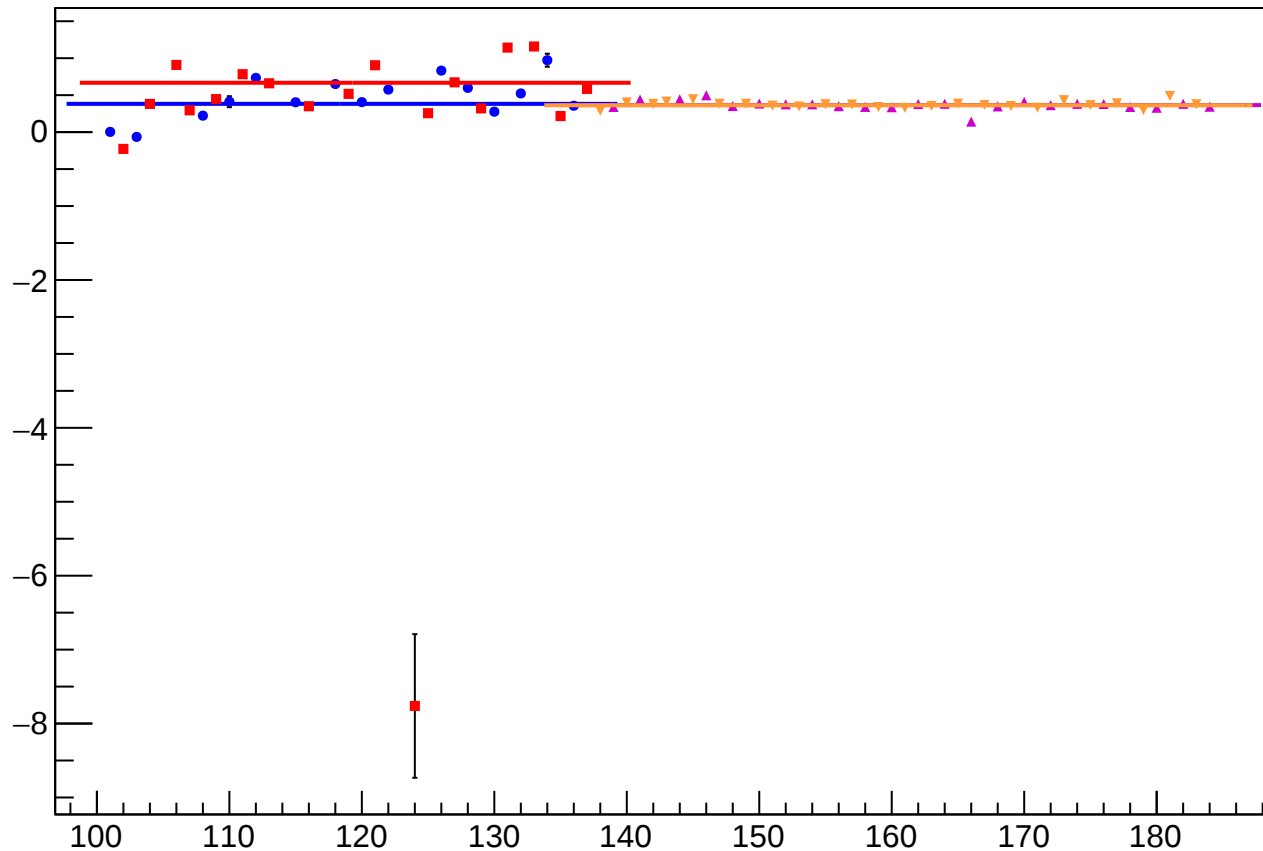
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.478 ± 0.010 χ^2/NDF : 620581.6/37

Out: -55.299 ± 0.012 χ^2/NDF : 434384.5/41

All: -56.003 ± 0.008 χ^2/NDF : 1060471.6/79

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.364 ± 0.000 χ^2/NDF : 8225.1/23

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.365 ± 0.000 χ^2/NDF : 6174.1/22

Left: 0.365 ± 0.000 χ^2/NDF : 14414.2/46

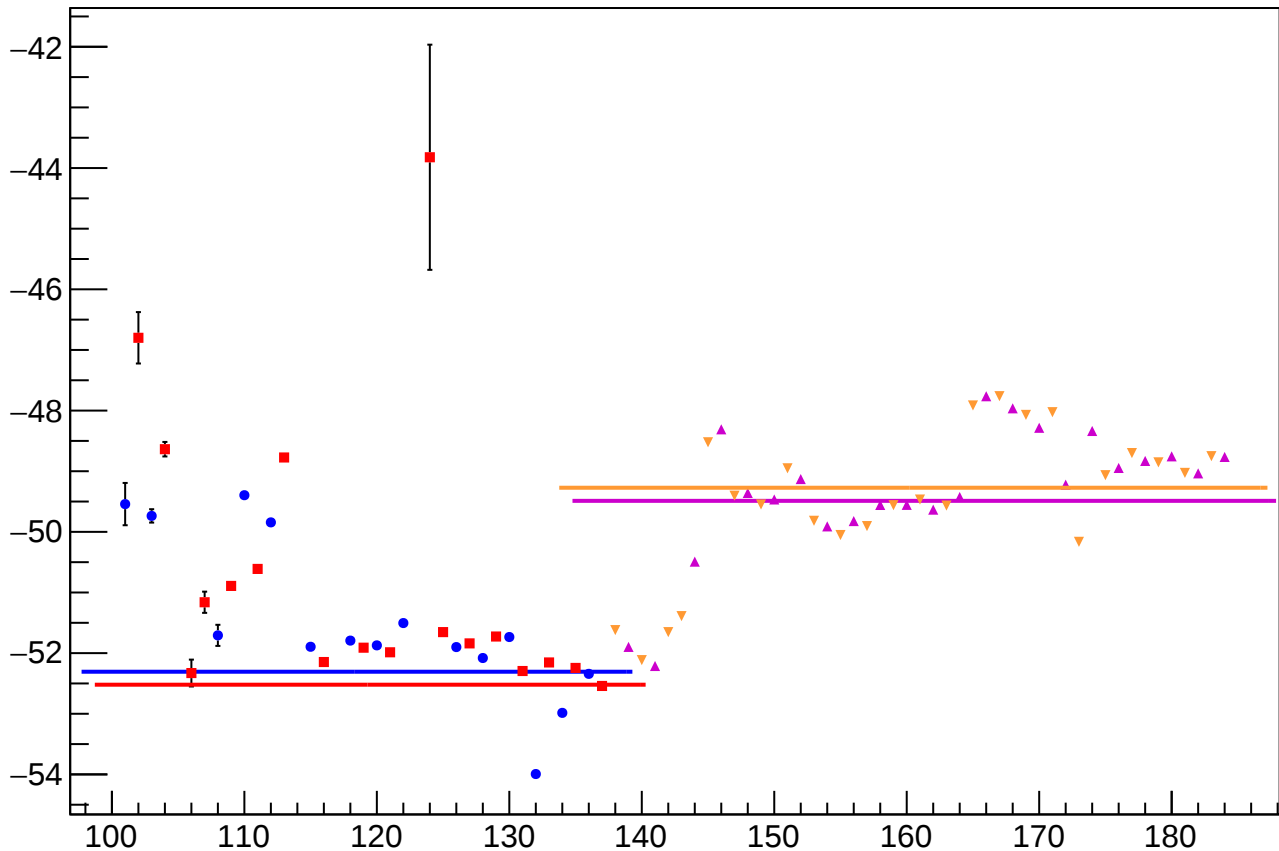
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.366 ± 0.000 χ^2/NDF : 10875.4/37

Out: 0.365 ± 0.000 χ^2/NDF : 16260.8/41

All: 0.366 ± 0.000 χ^2/NDF : 27139.7/79

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.272 $\pm$ 0.001 χ^2 /NDF: 512046.5/23

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.488 $\pm$ 0.001 χ^2 /NDF: 431523.8/22

Left: -49.378 $\pm$ 0.001 χ^2 /NDF: 955741.1/46

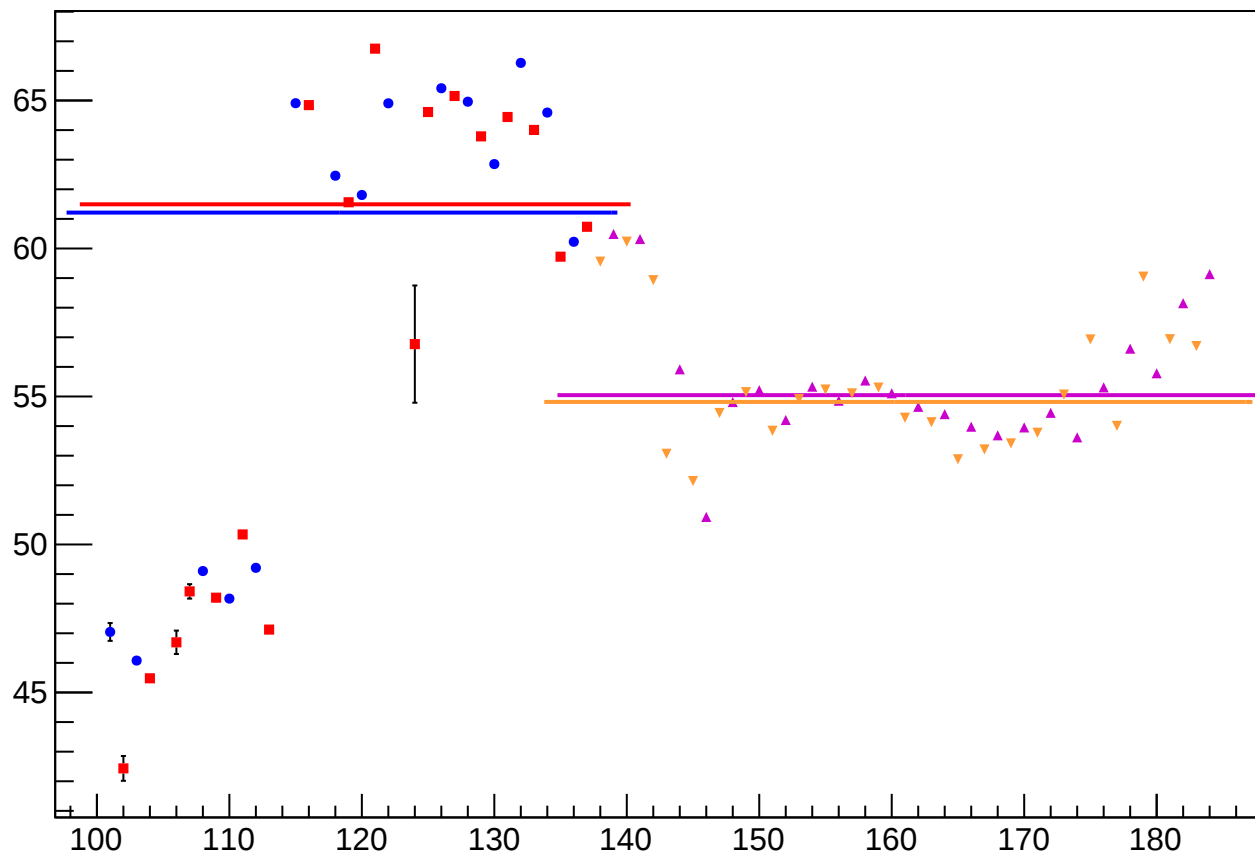
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.812 $\pm$ 0.001 χ^2 /NDF: 923740.1/37

Out: -51.248 $\pm$ 0.001 χ^2 /NDF: 3924933.1/41

All: -50.818 $\pm$ 0.001 χ^2 /NDF: 5682961.2/79

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 54.816 ± 0.003 $\chi^2/\text{NDF}: 269519.2/23$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.045 ± 0.003 $\chi^2/\text{NDF}: 88930.1/22$

Left: 54.942 ± 0.002 $\chi^2/\text{NDF}: 361317.4/46$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 55.519 ± 0.003 $\chi^2/\text{NDF}: 601910.7/37$

Out: 56.028 ± 0.003 $\chi^2/\text{NDF}: 1321647.2/41$

All: 55.764 ± 0.002 $\chi^2/\text{NDF}: 1940015.7/79$

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

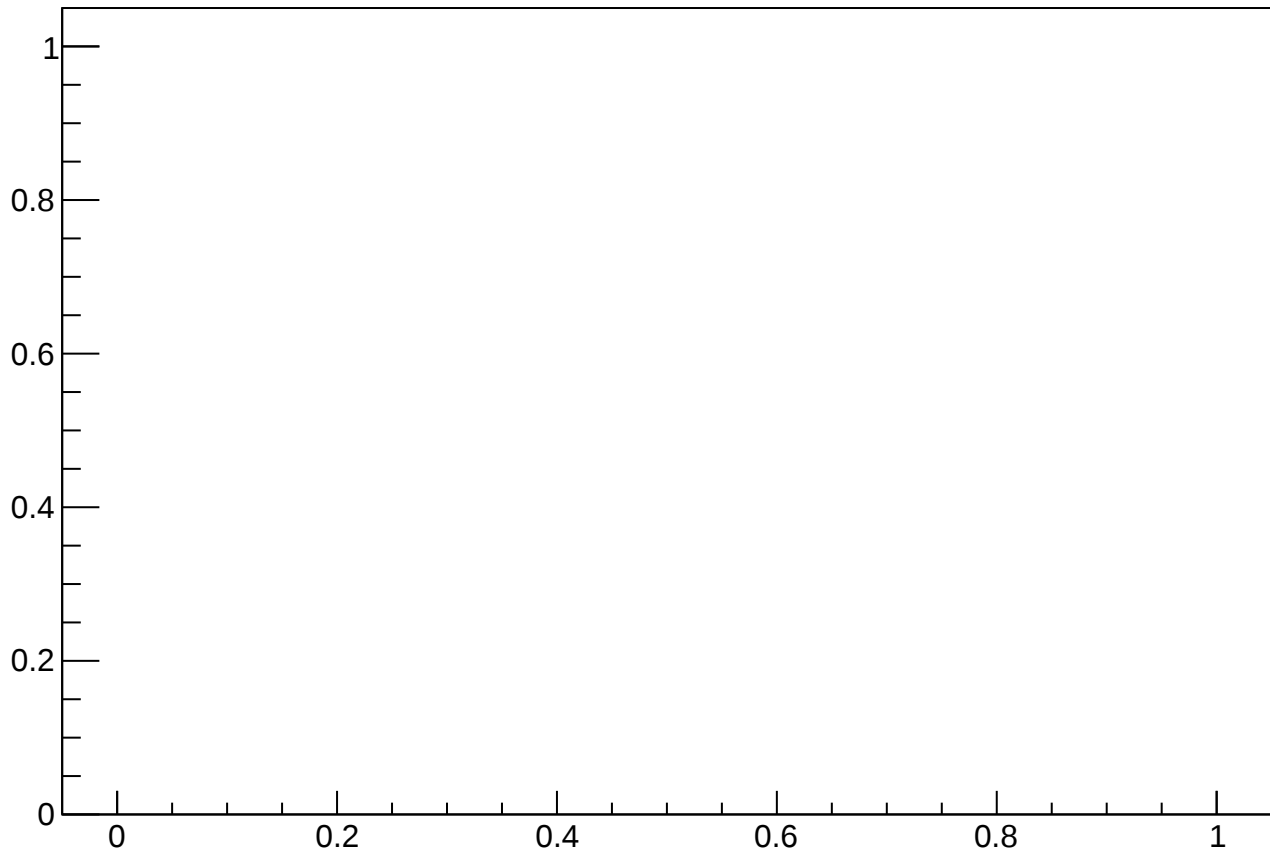
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

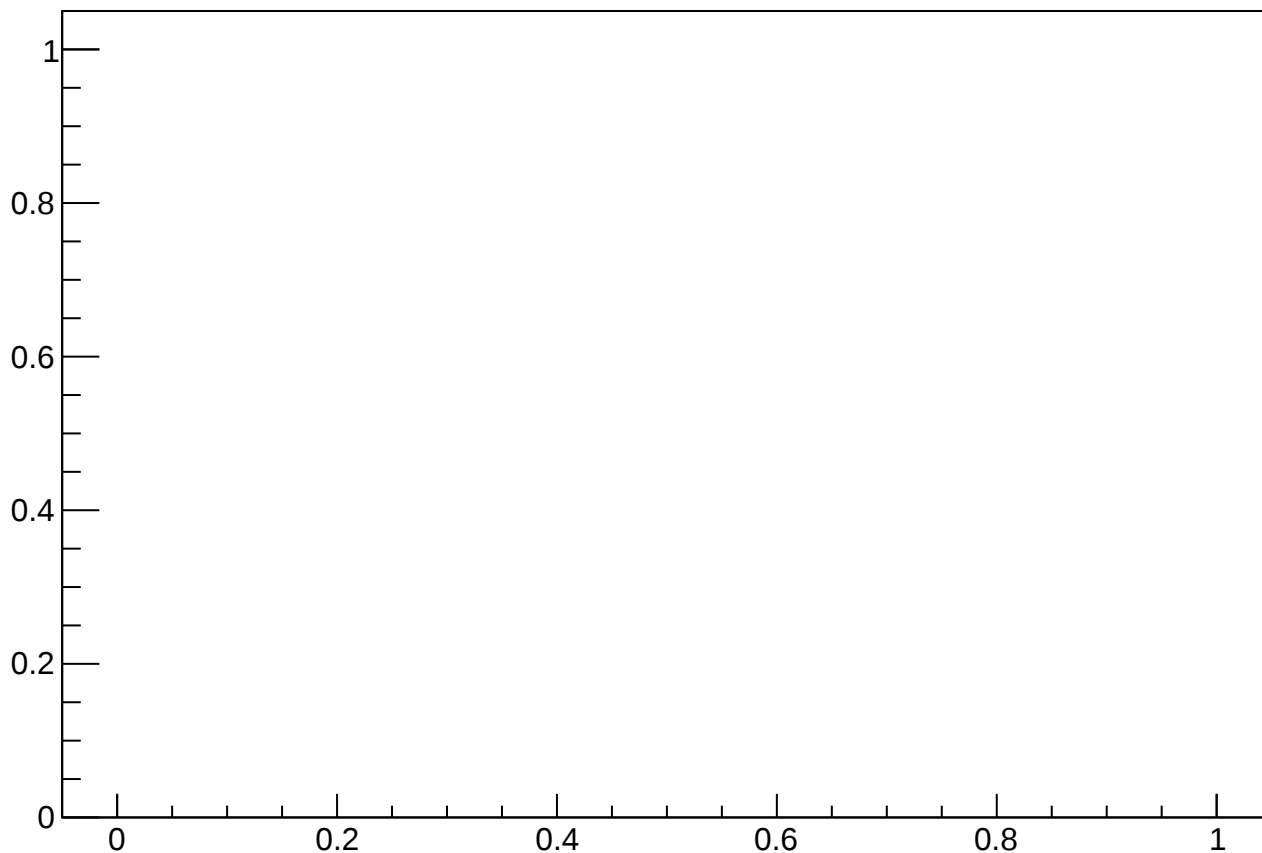
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

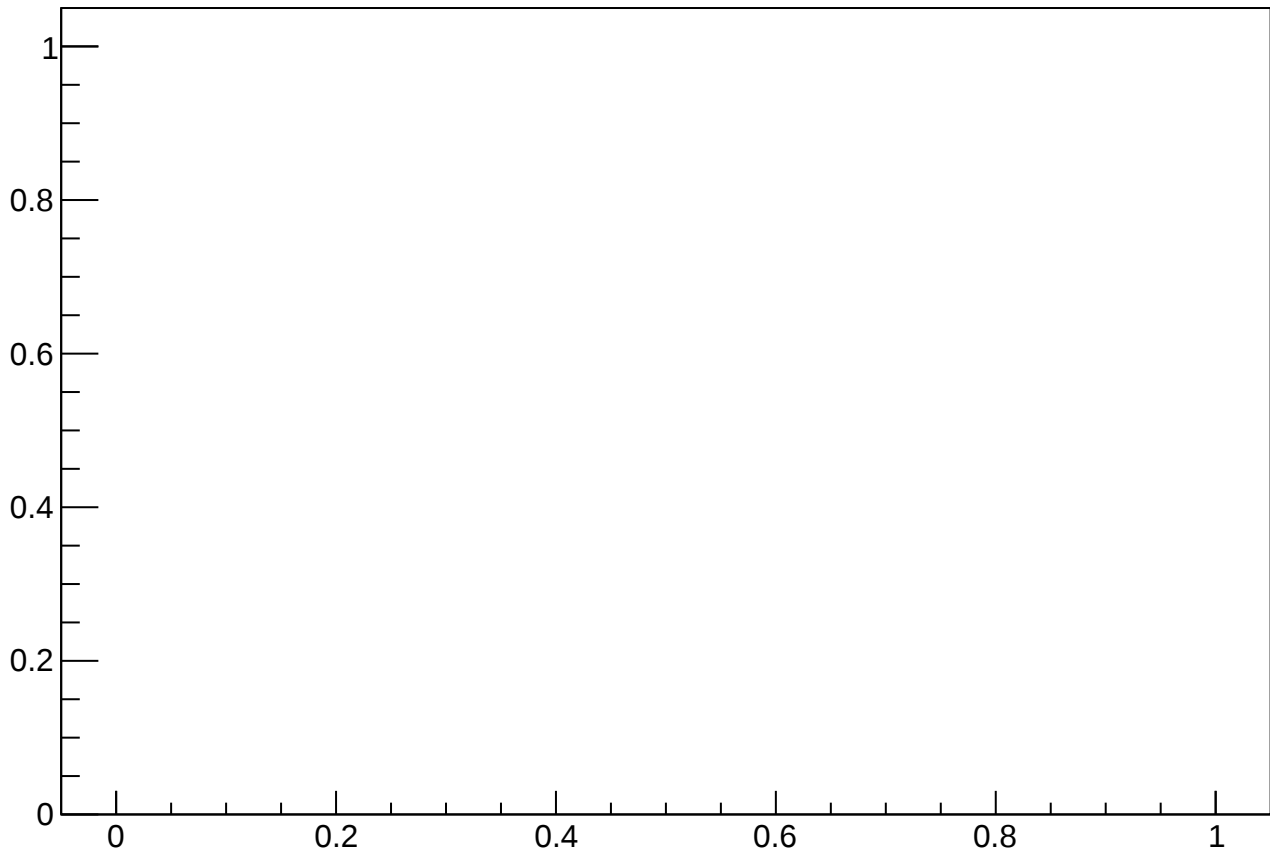
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

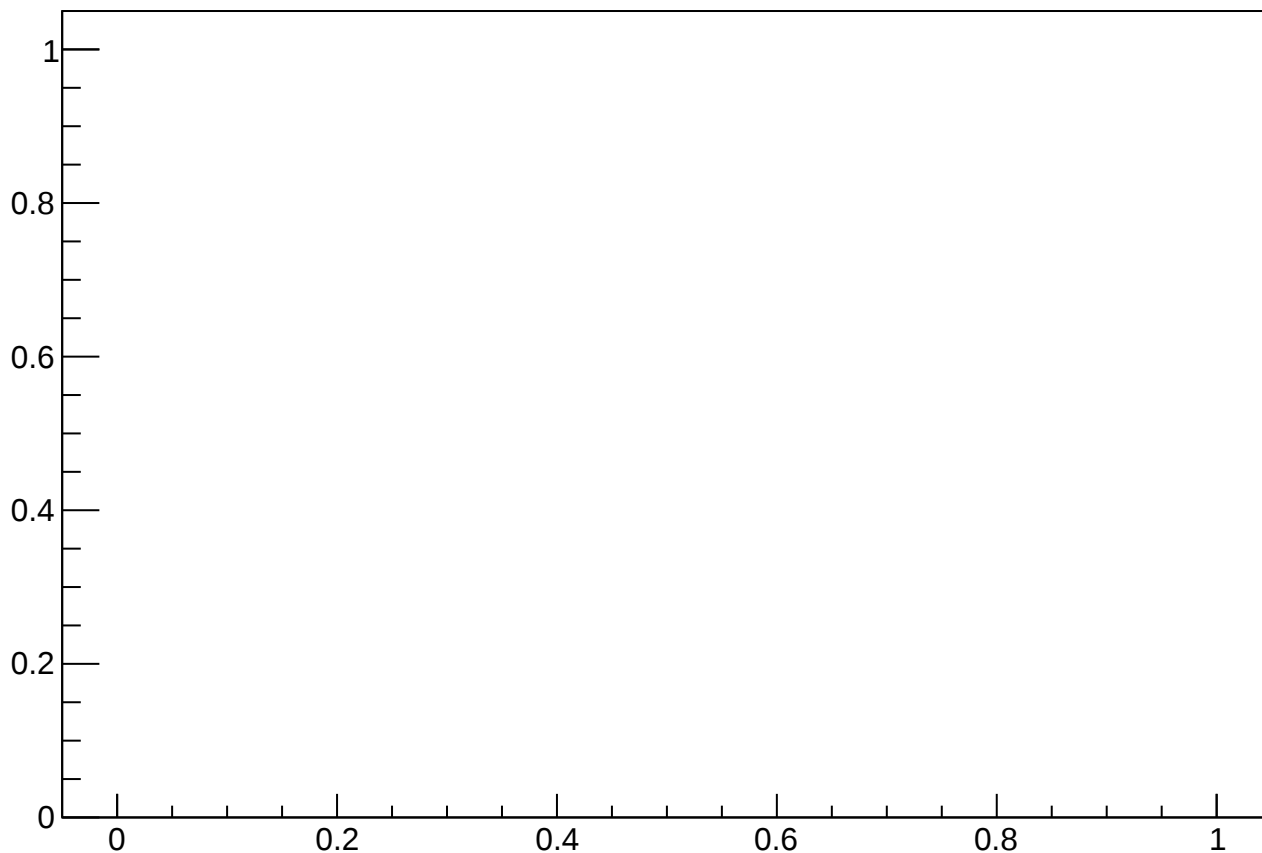
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

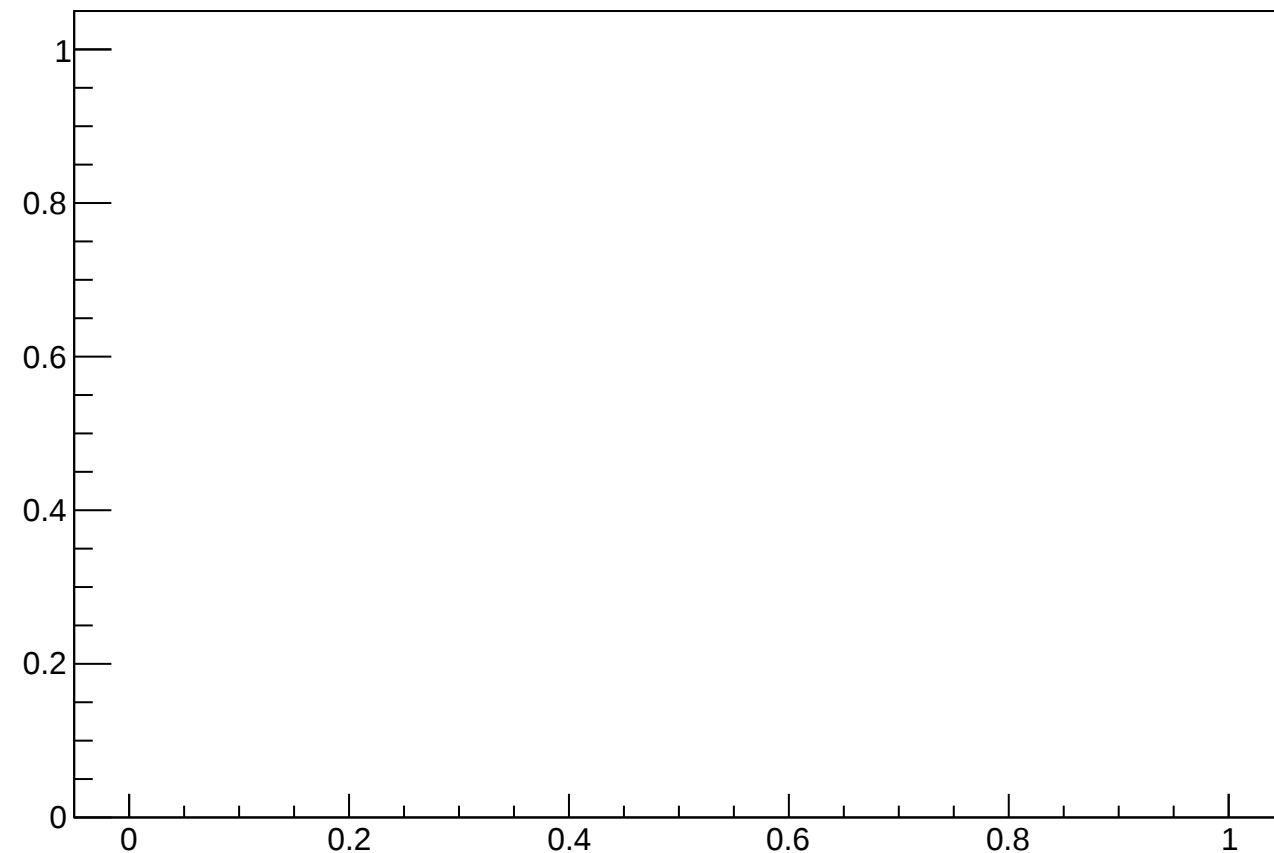
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

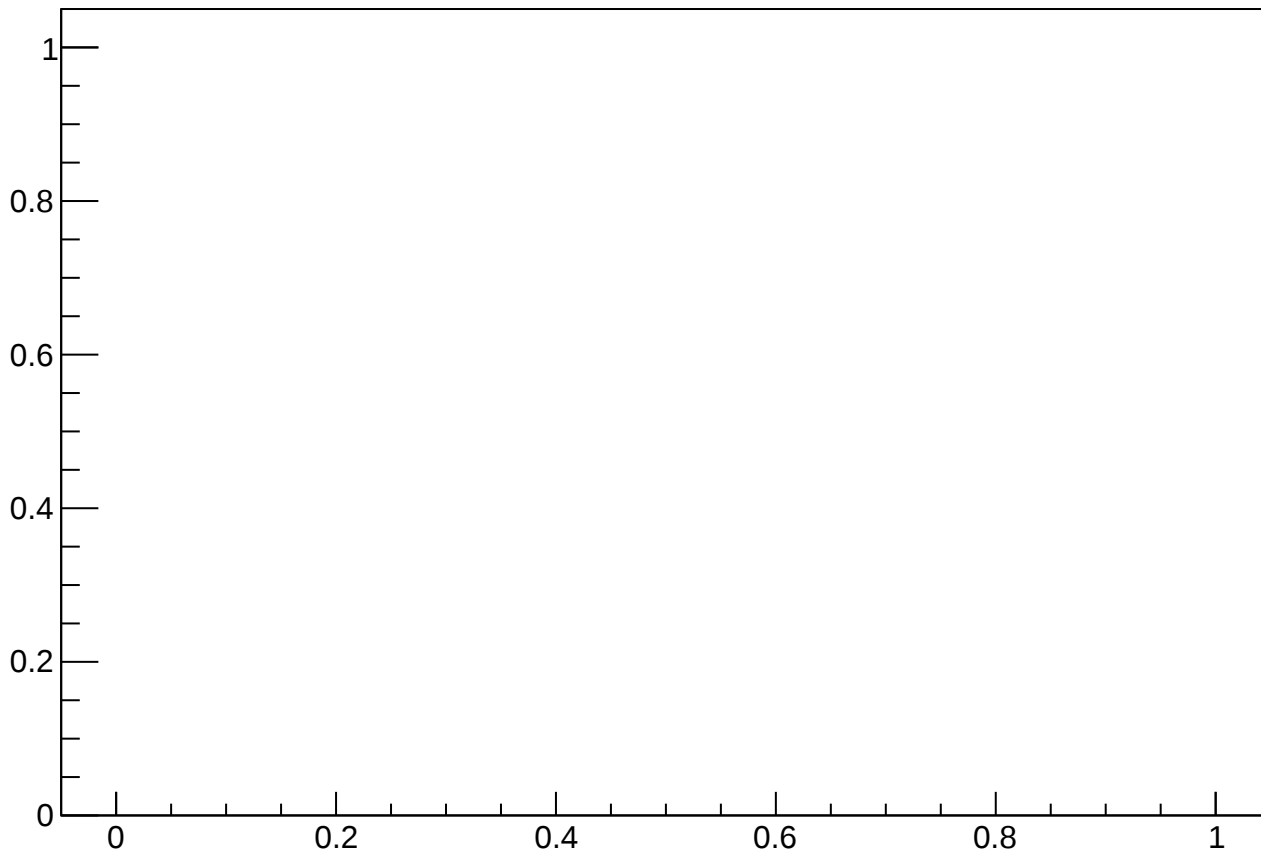
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

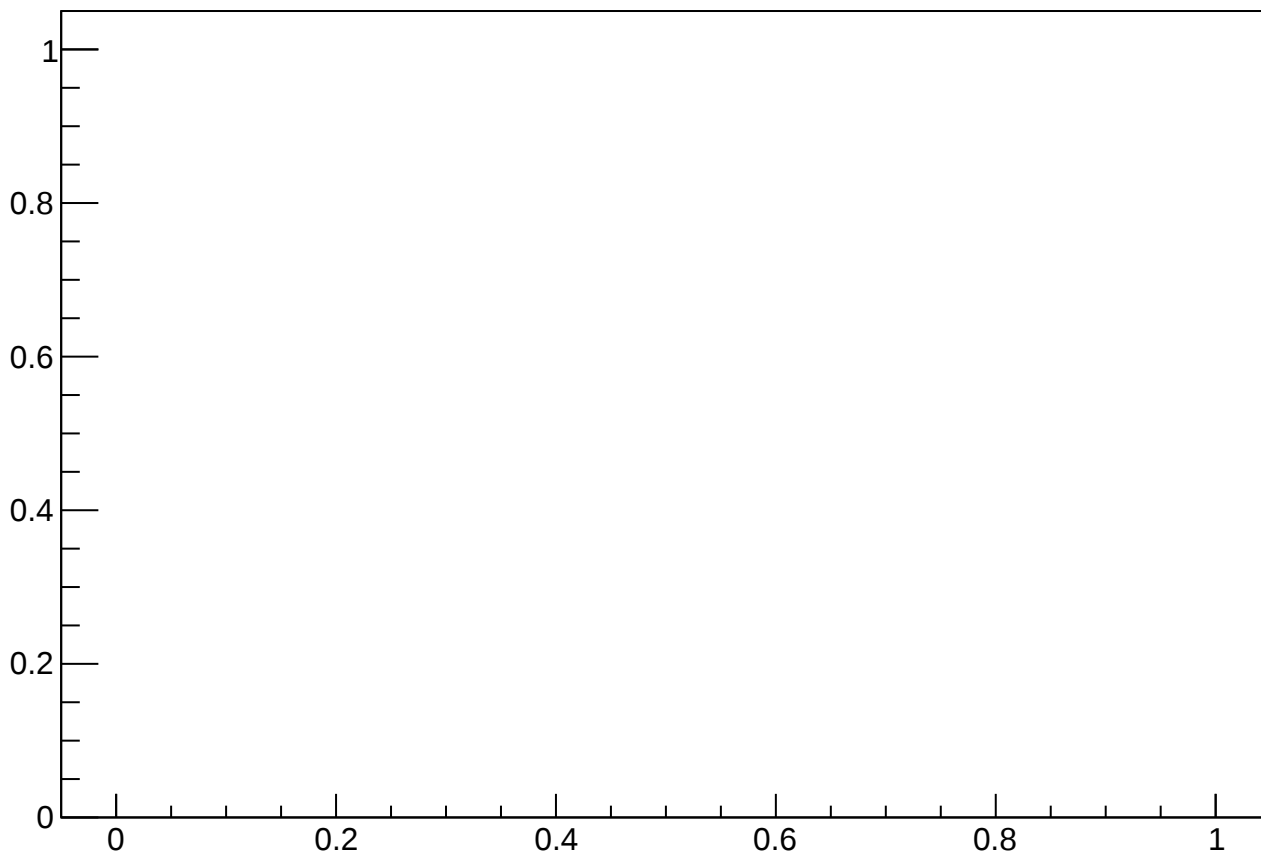
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

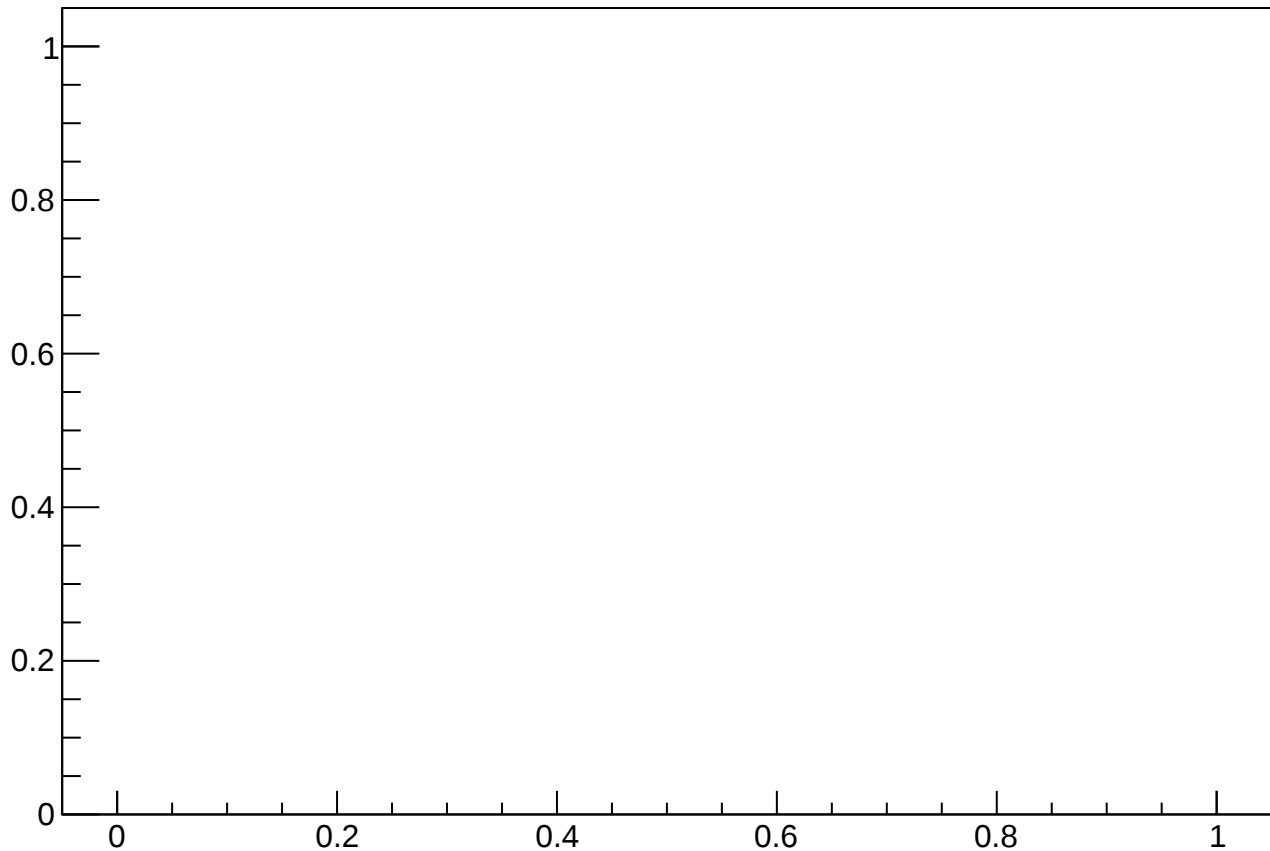
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

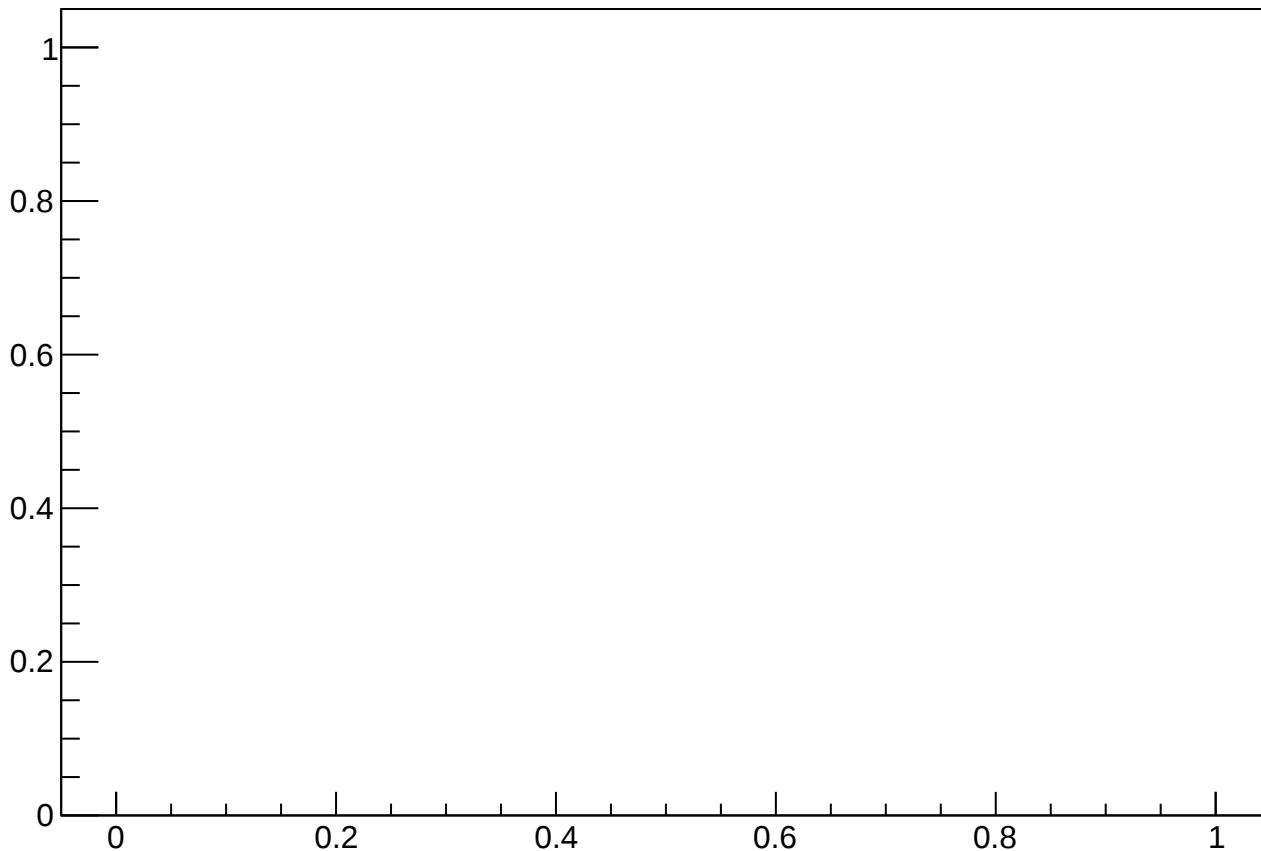
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

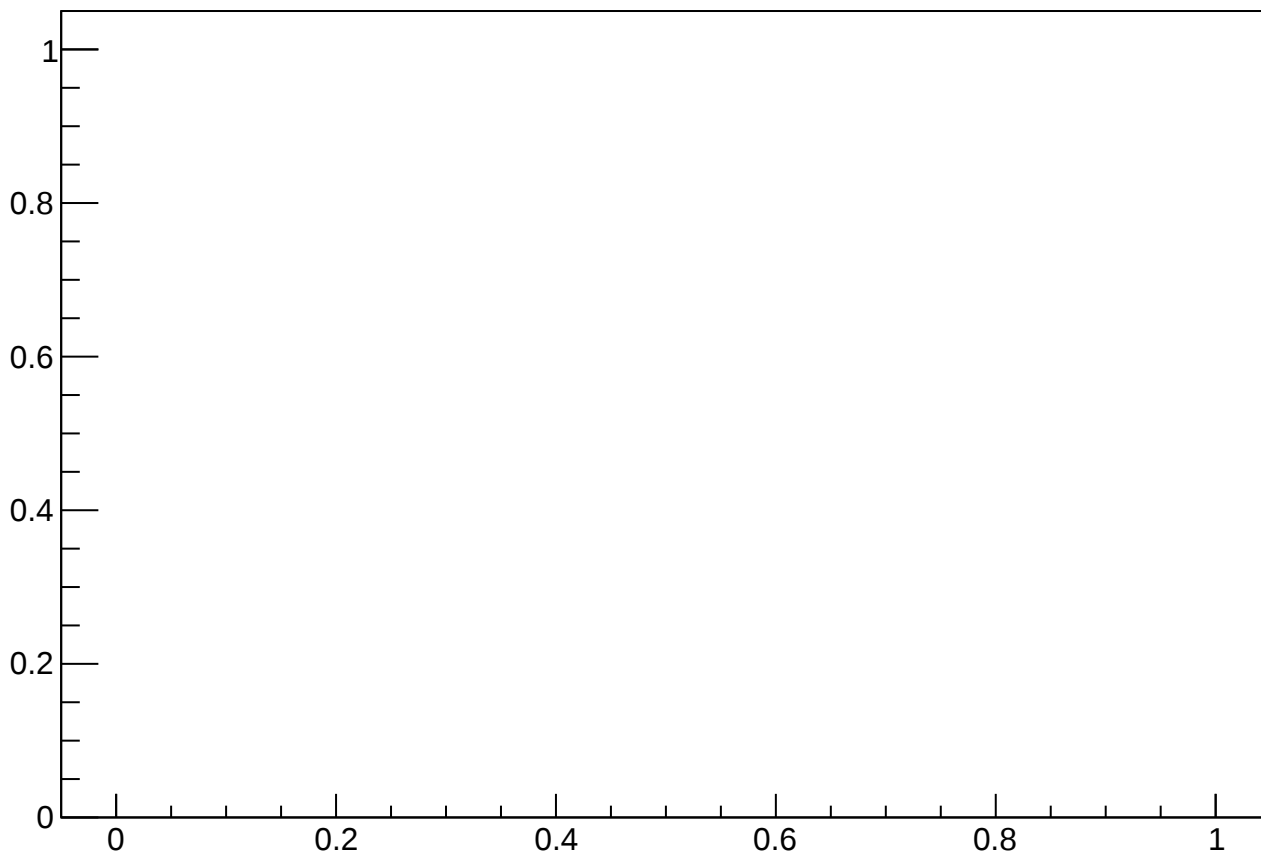
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

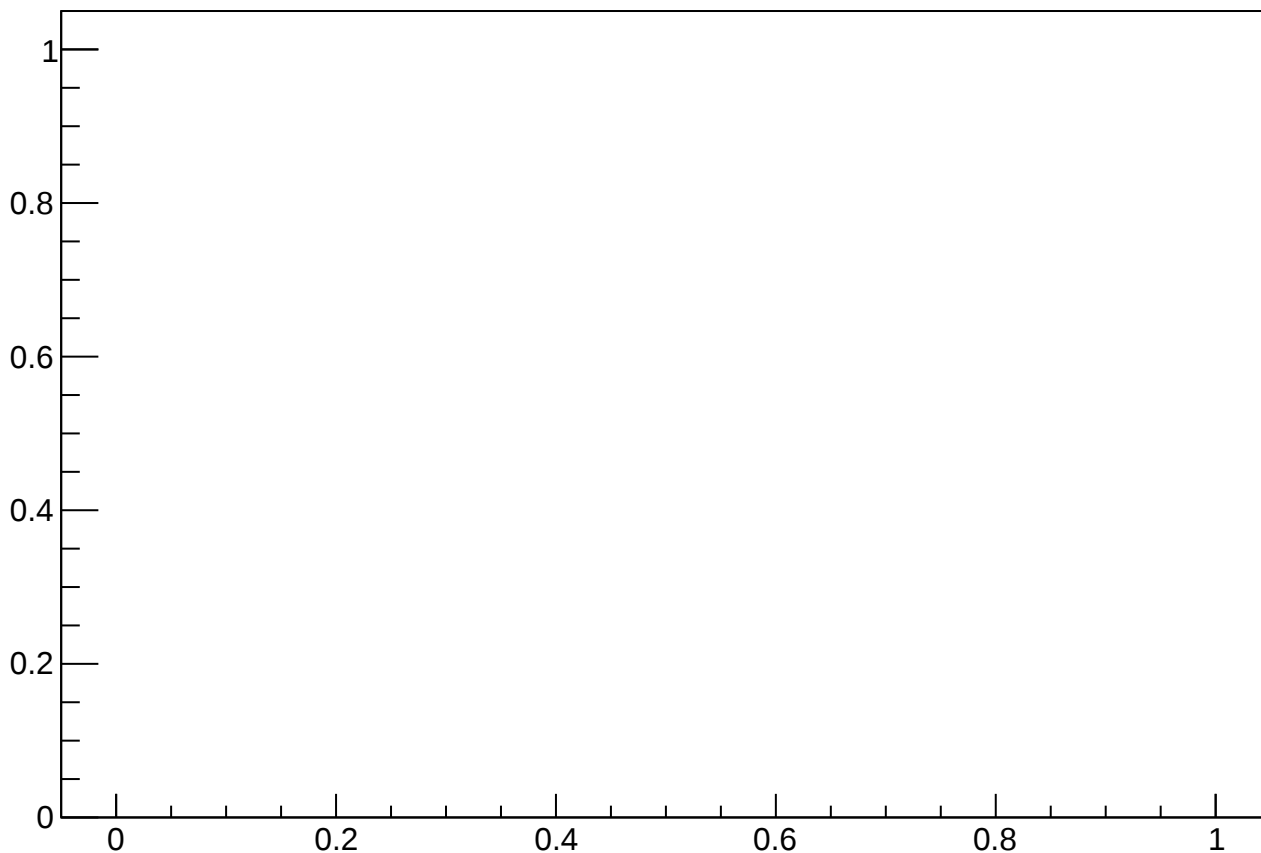
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

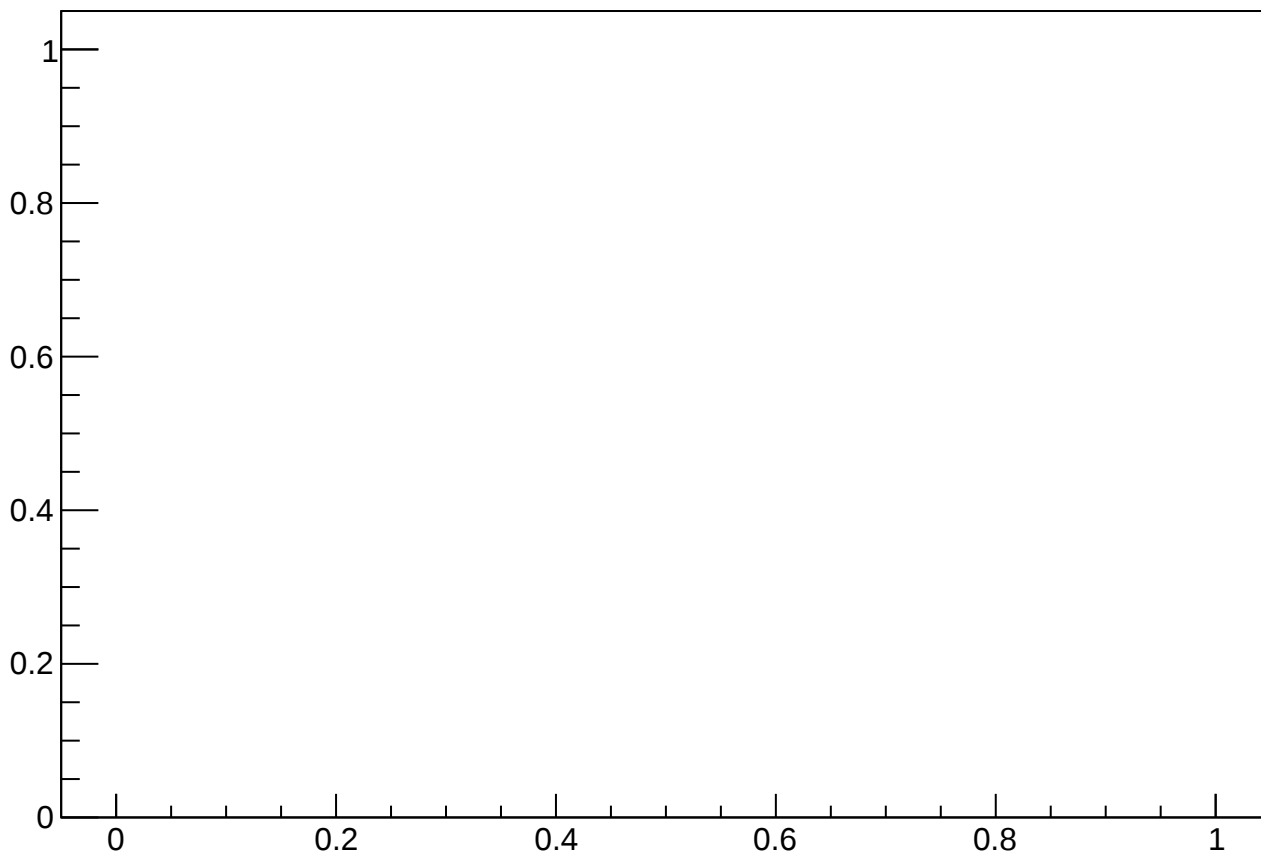
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

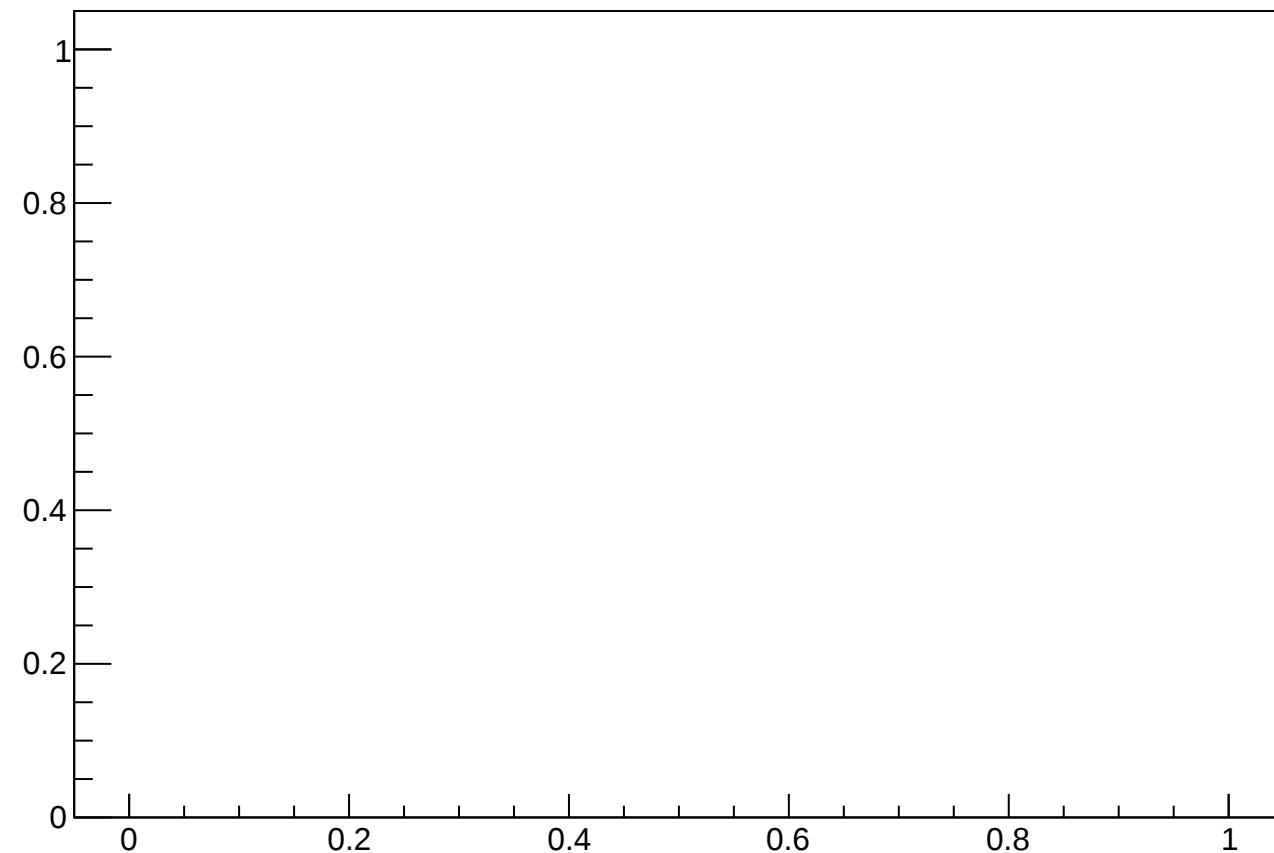
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

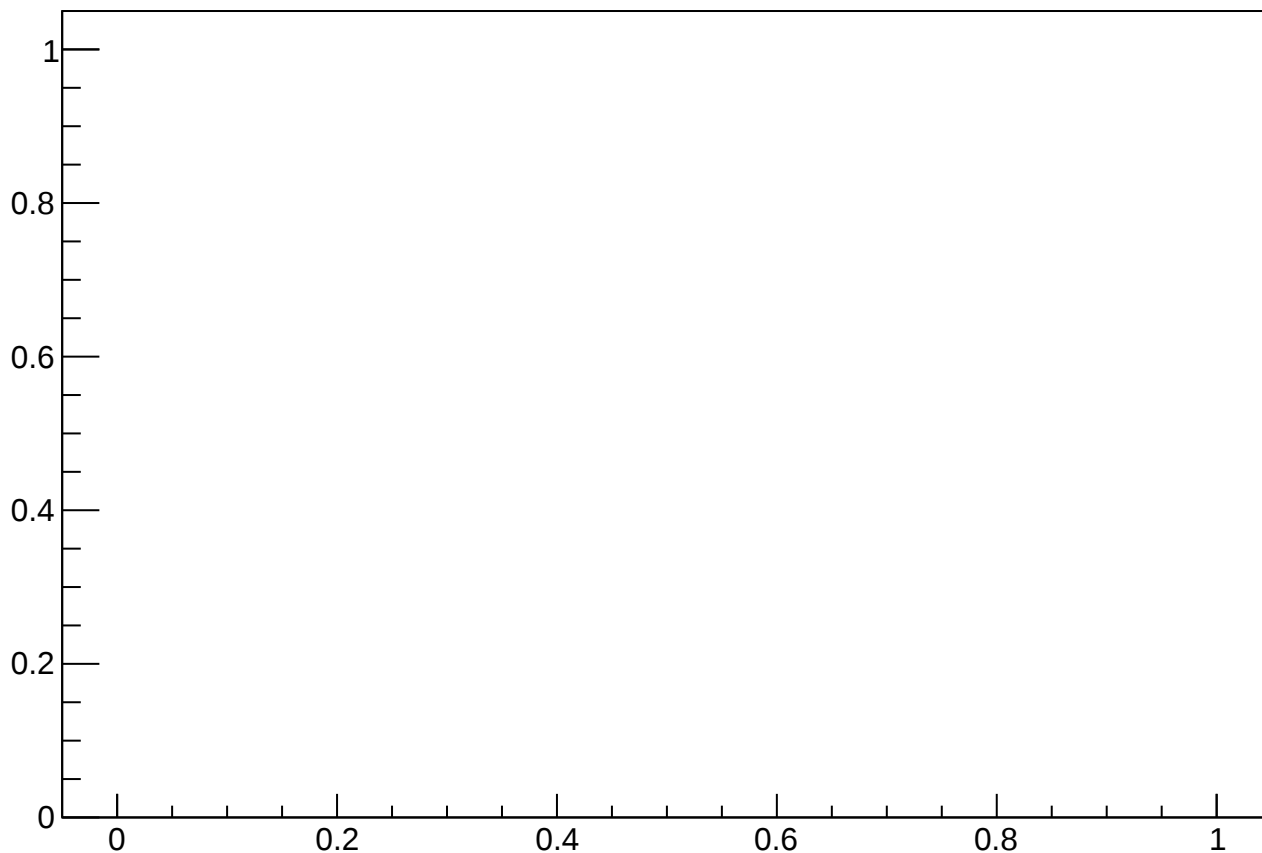
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

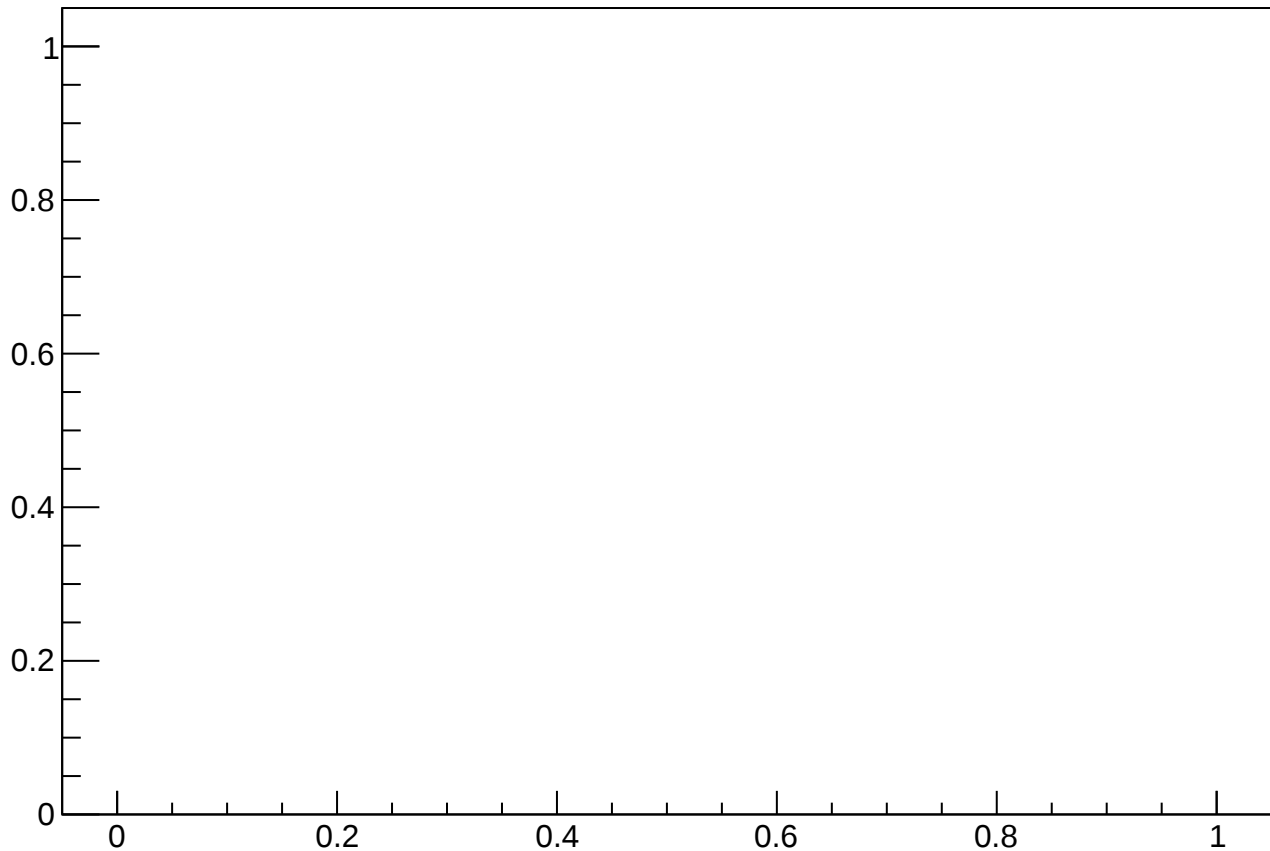
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

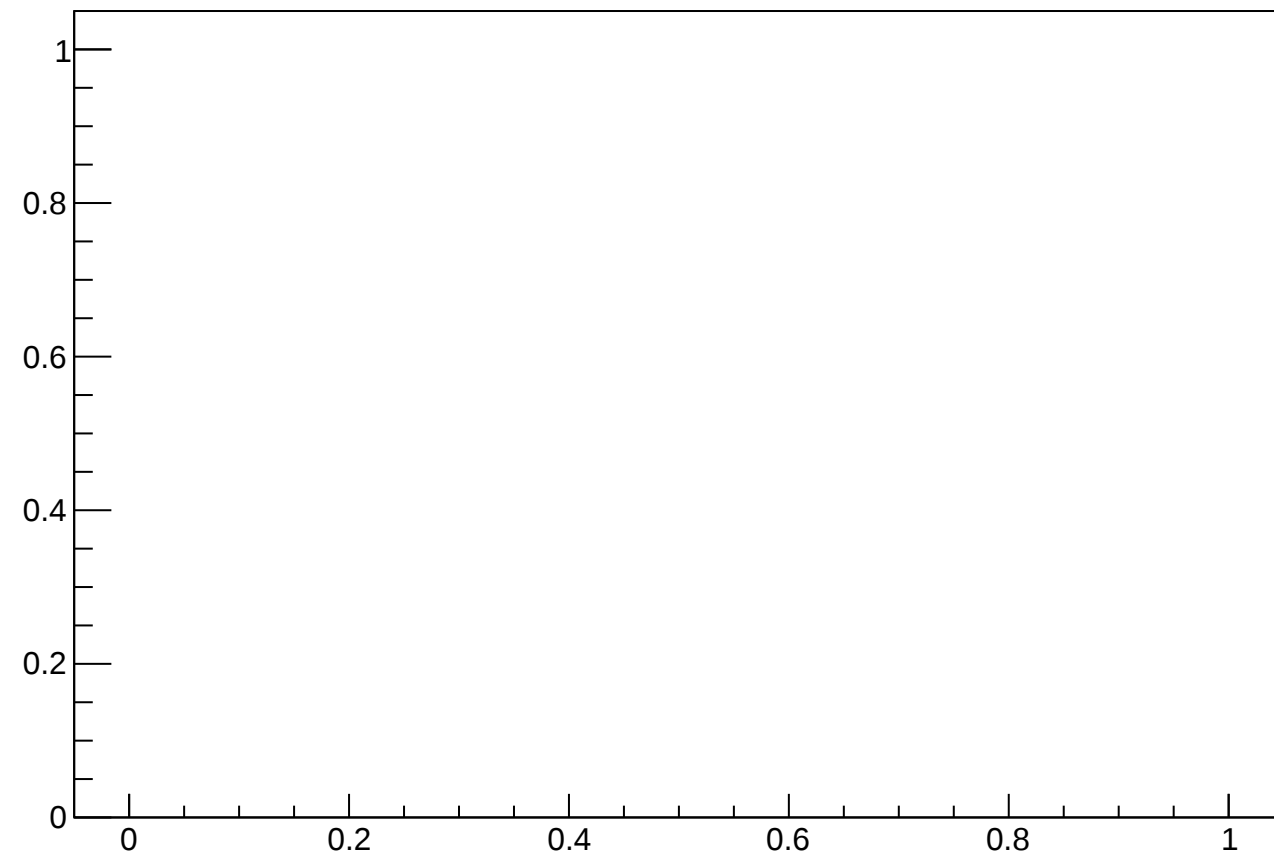
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

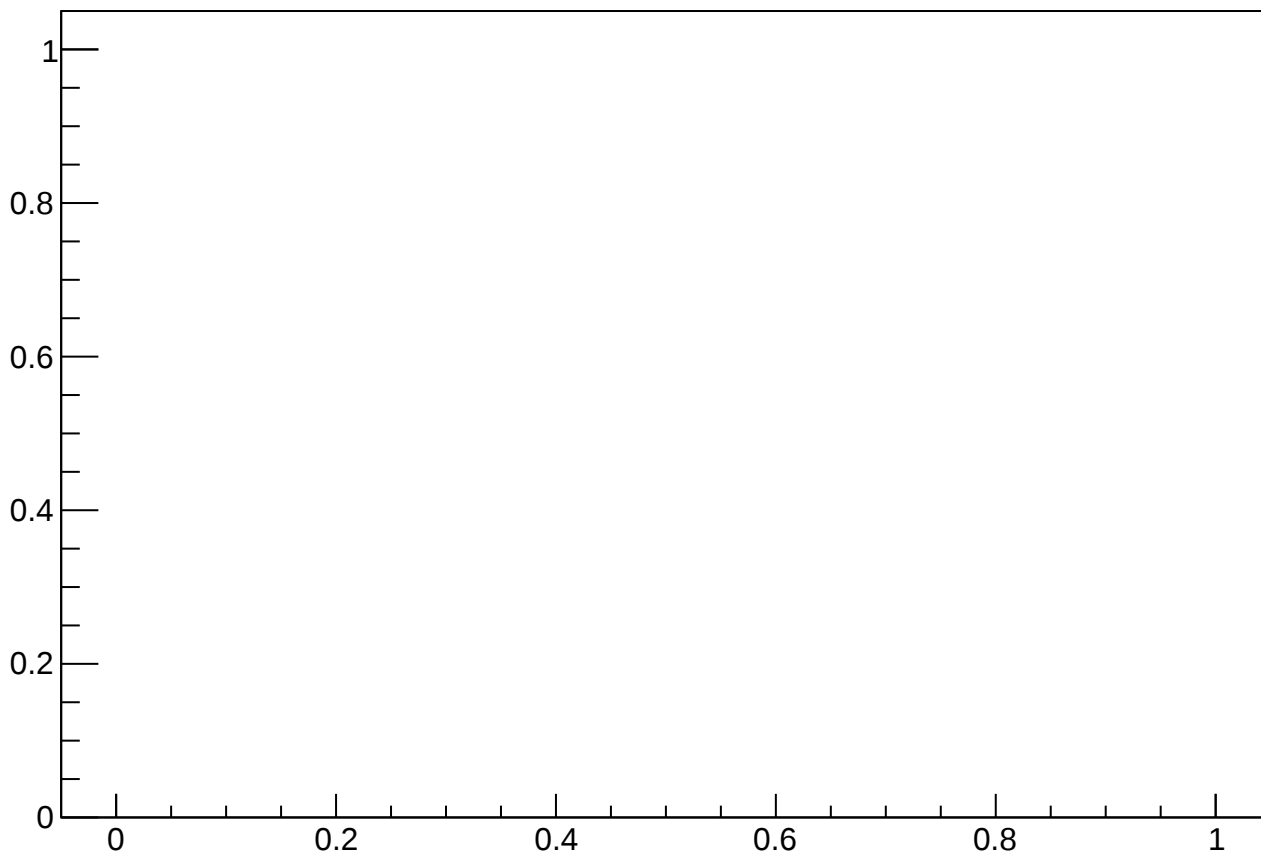
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

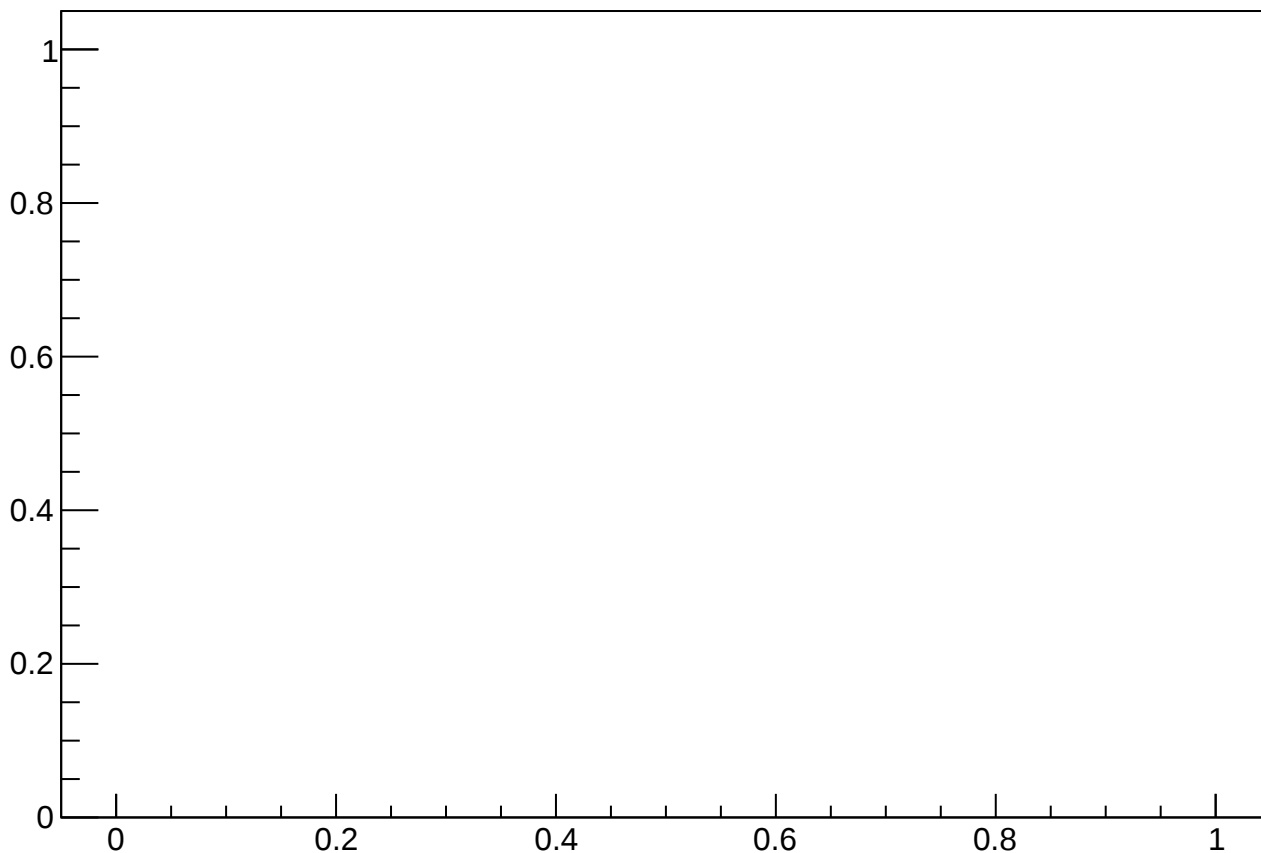
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

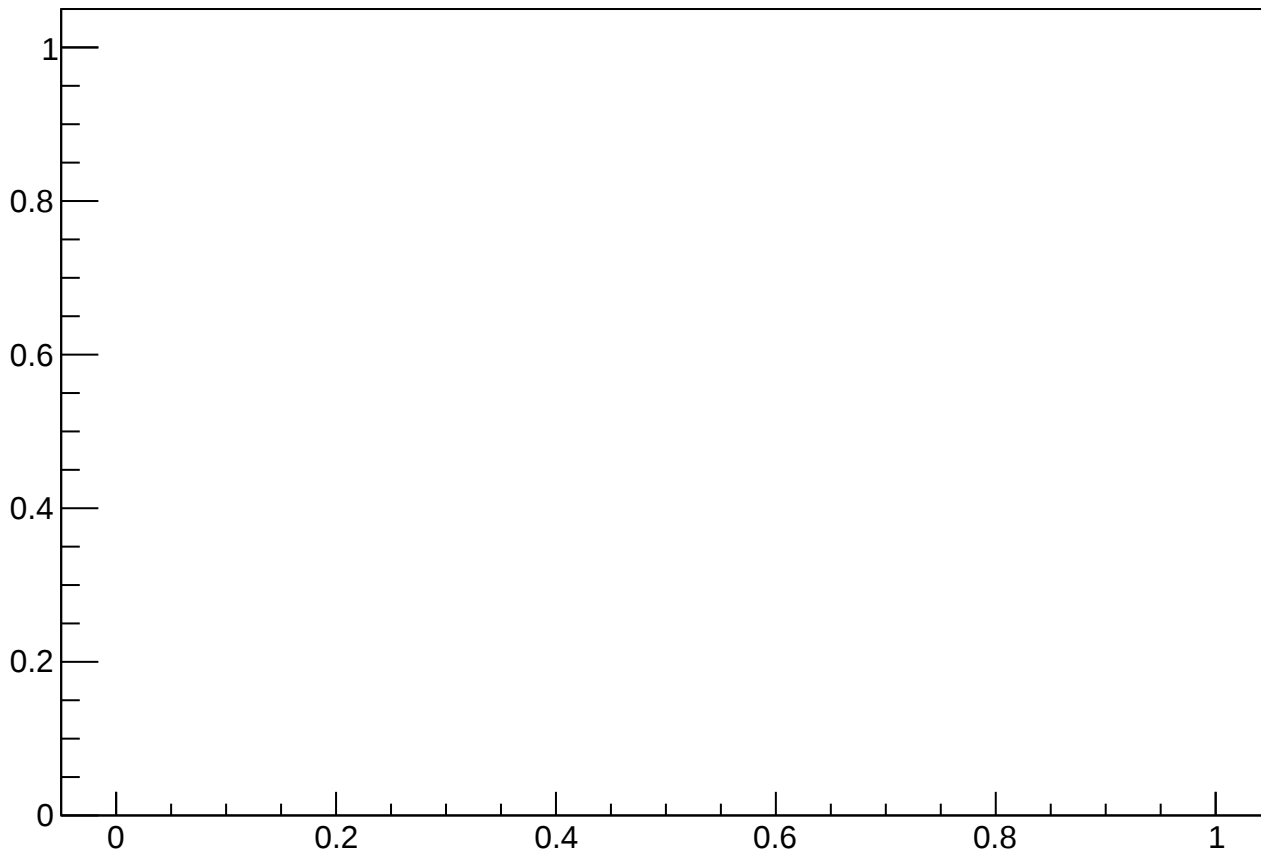
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

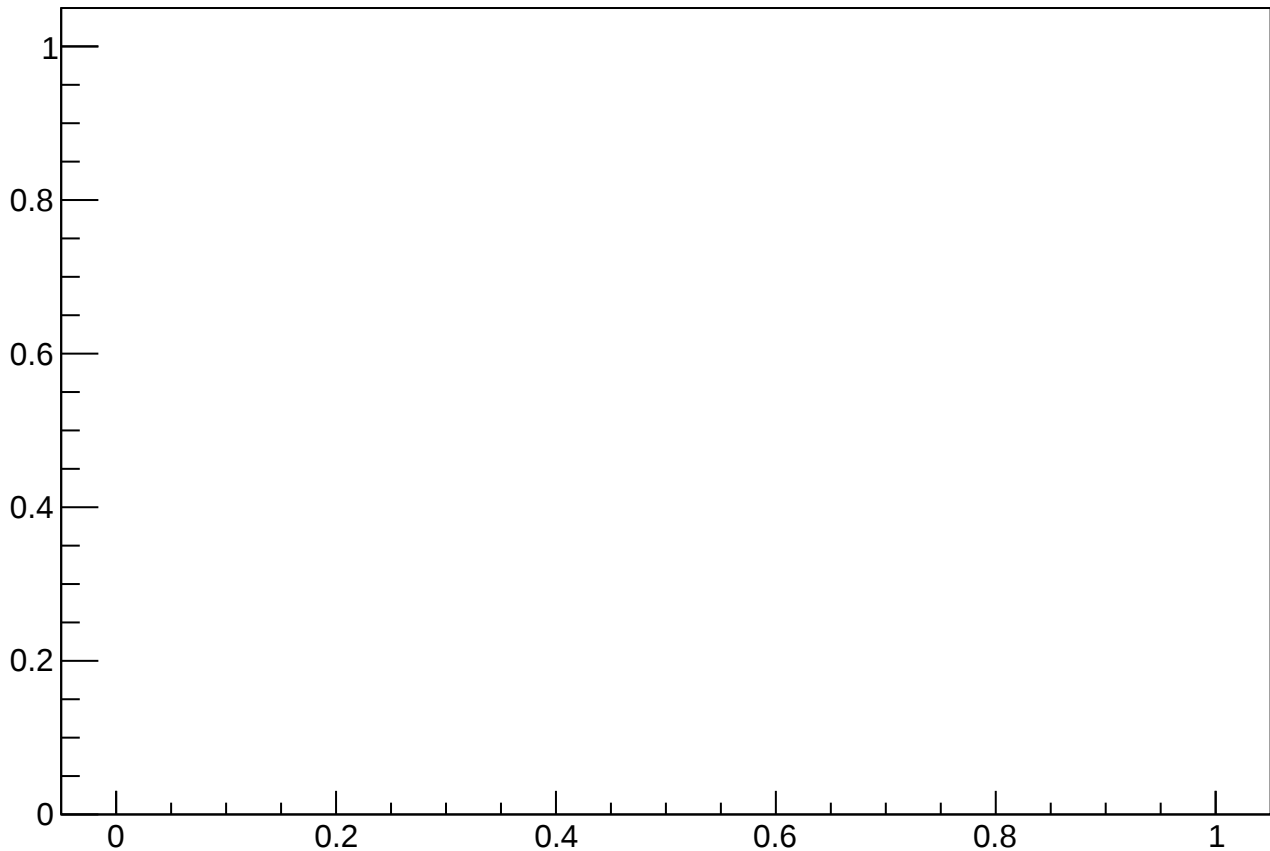
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

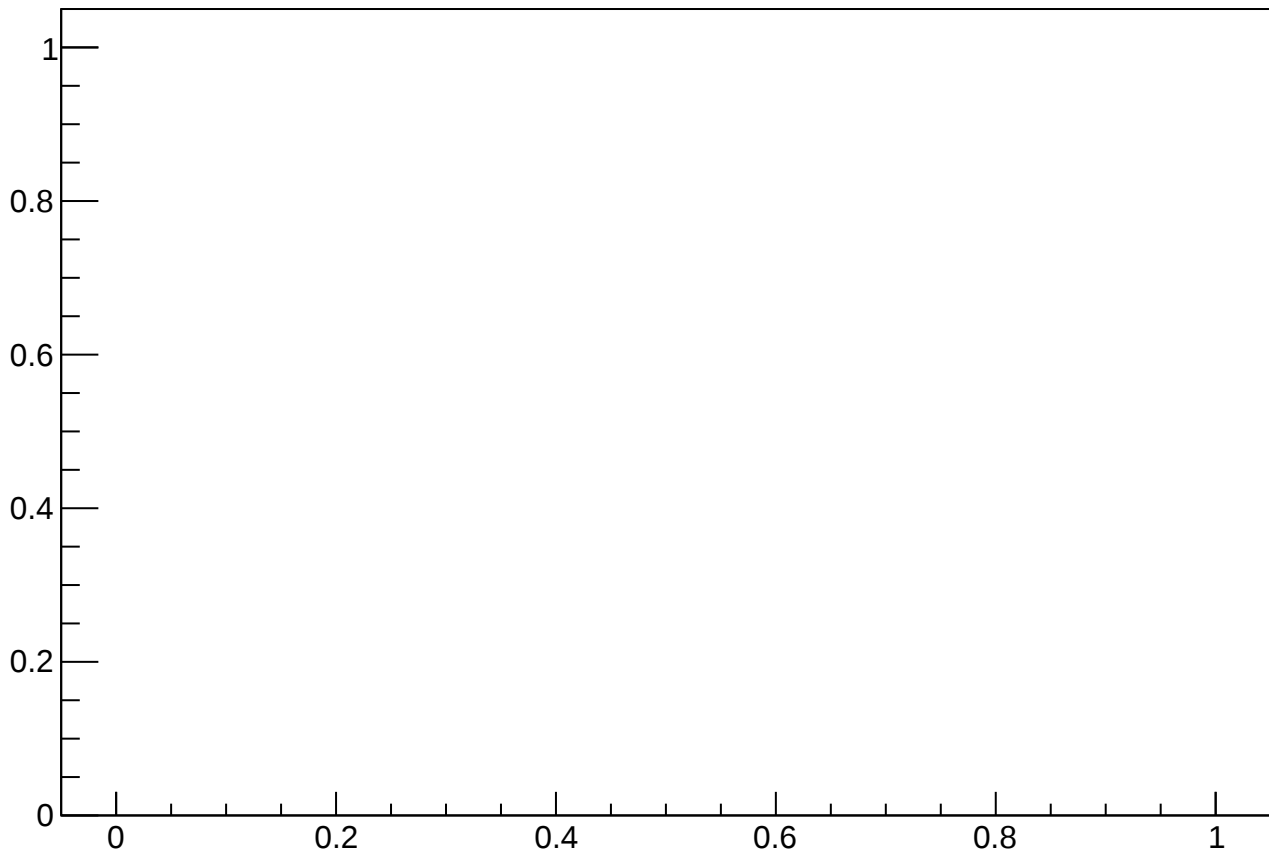
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

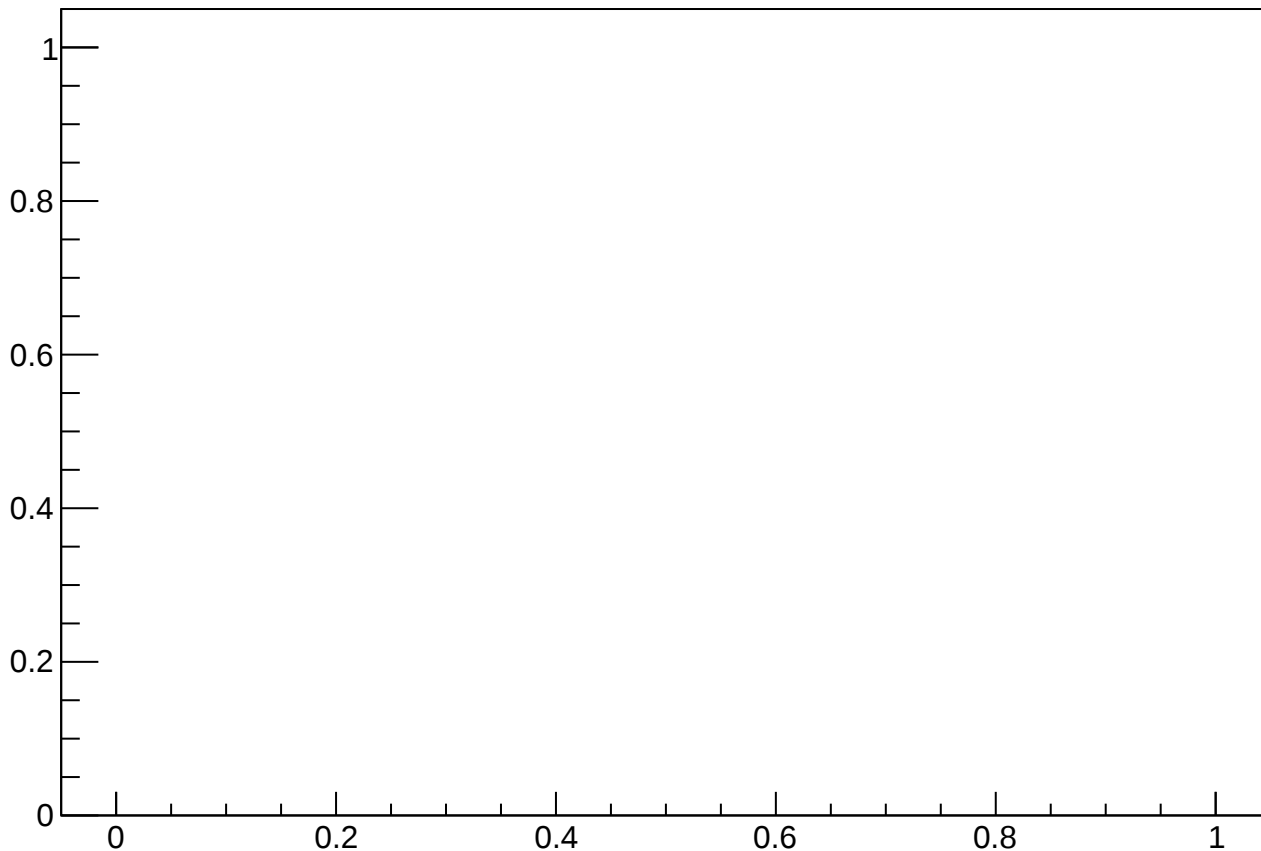
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

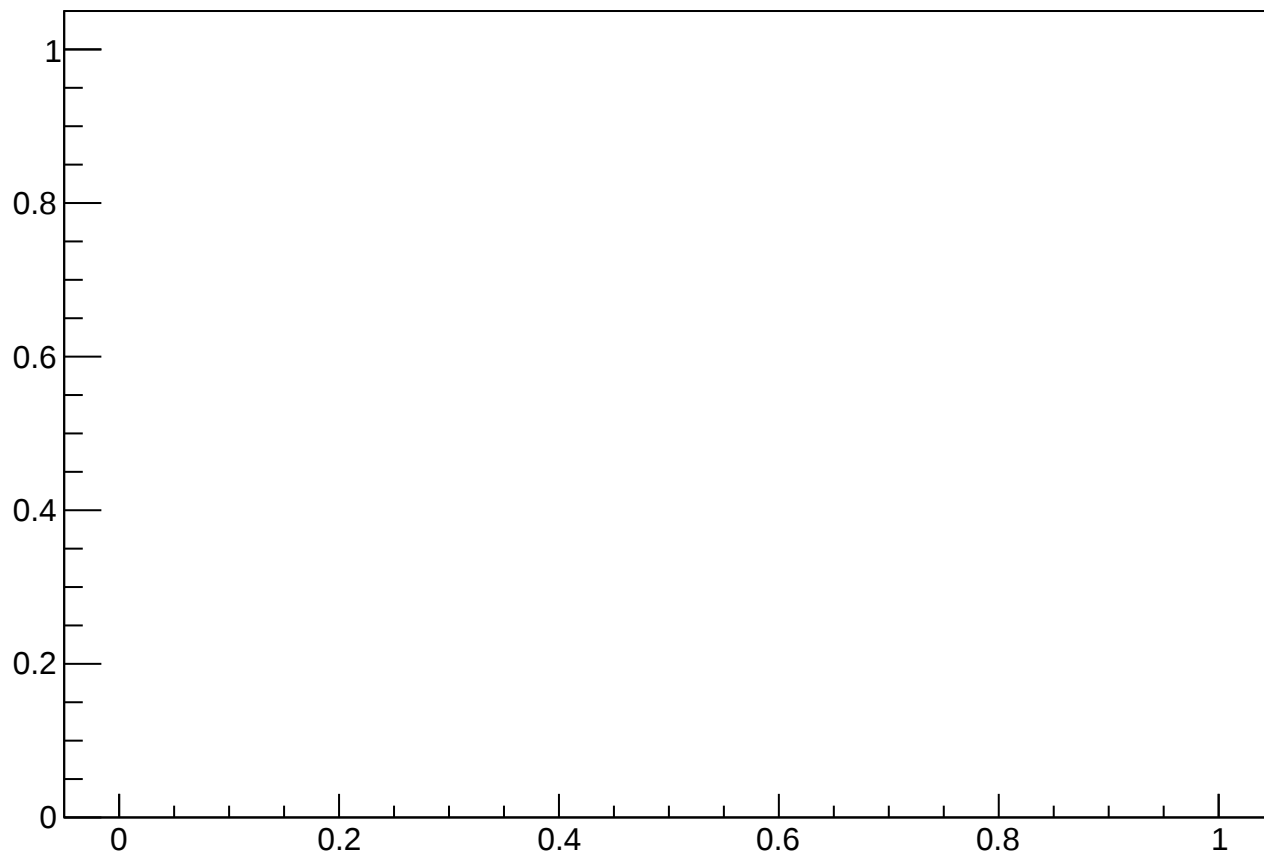
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

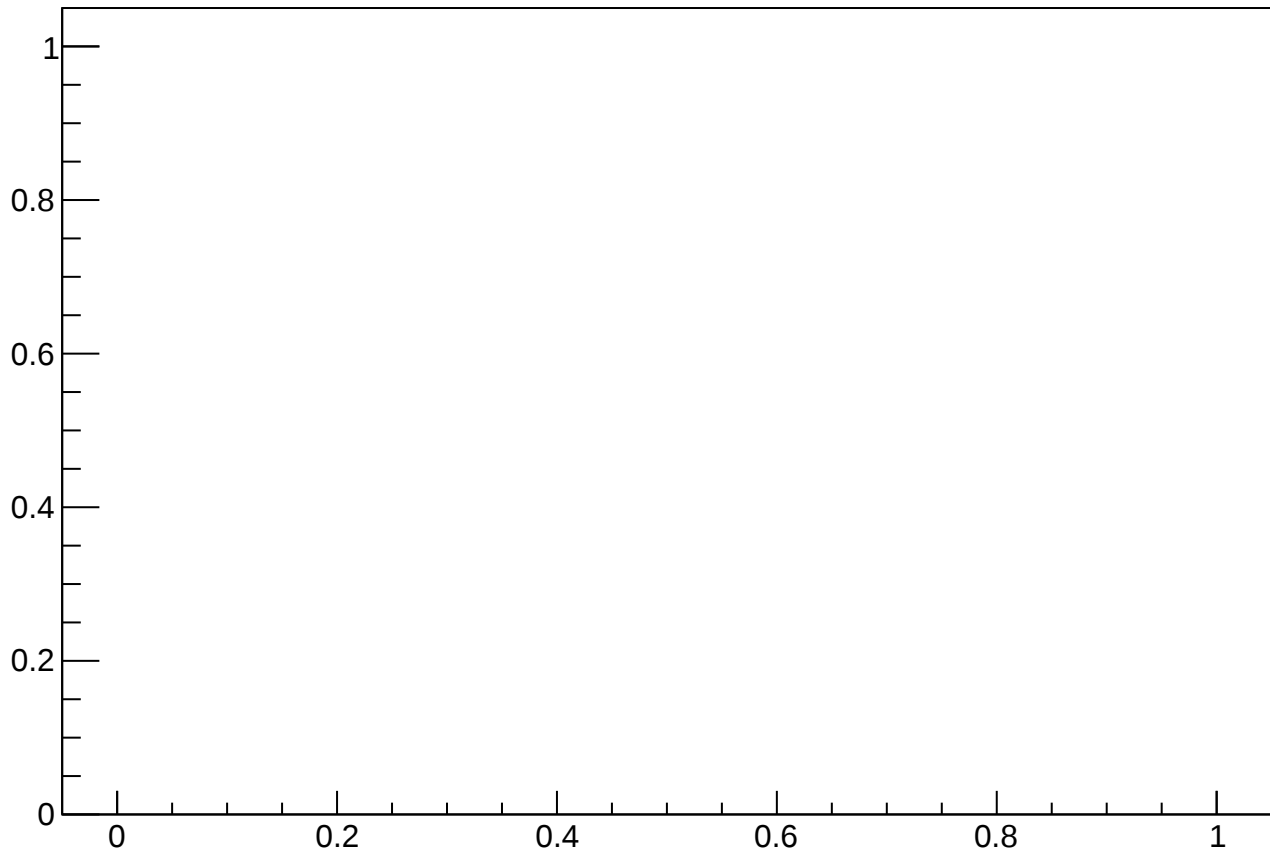
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

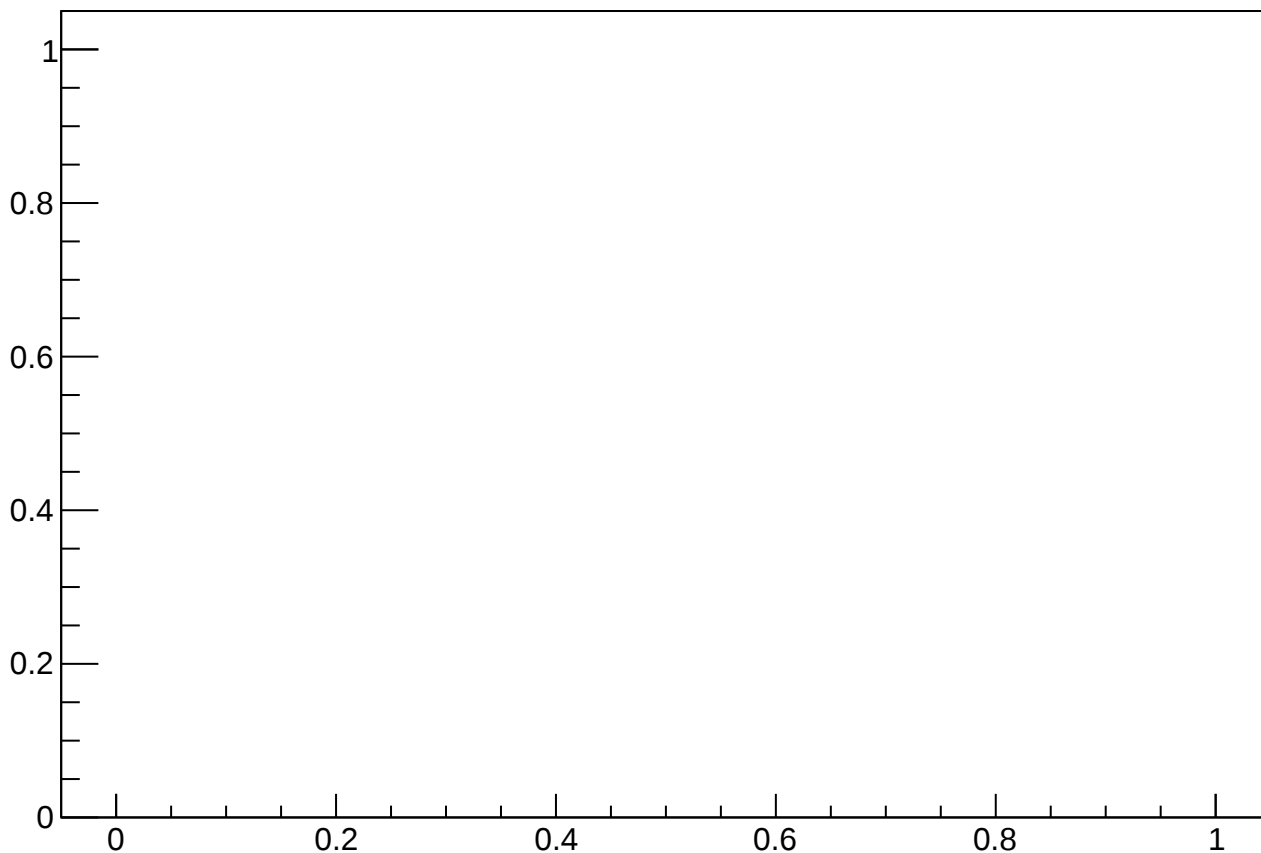
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

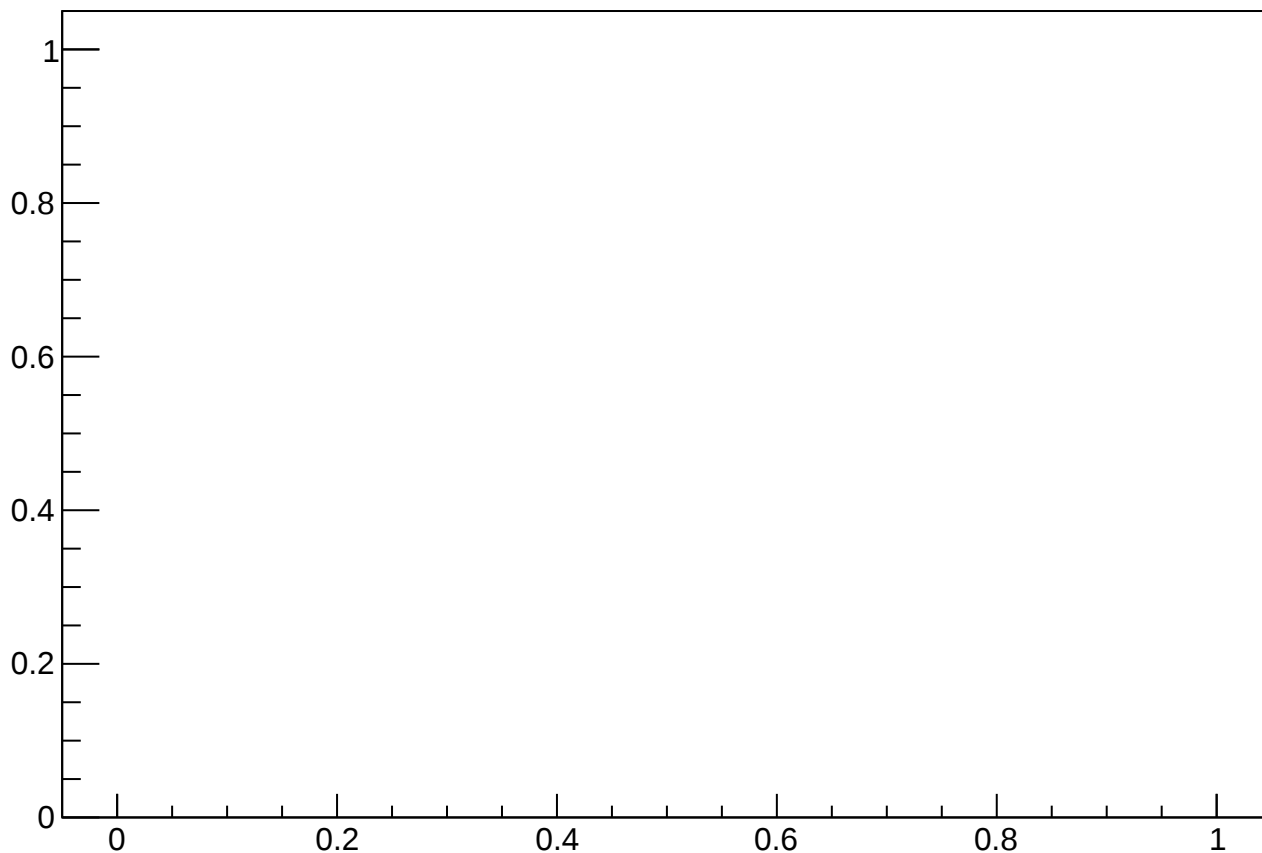
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

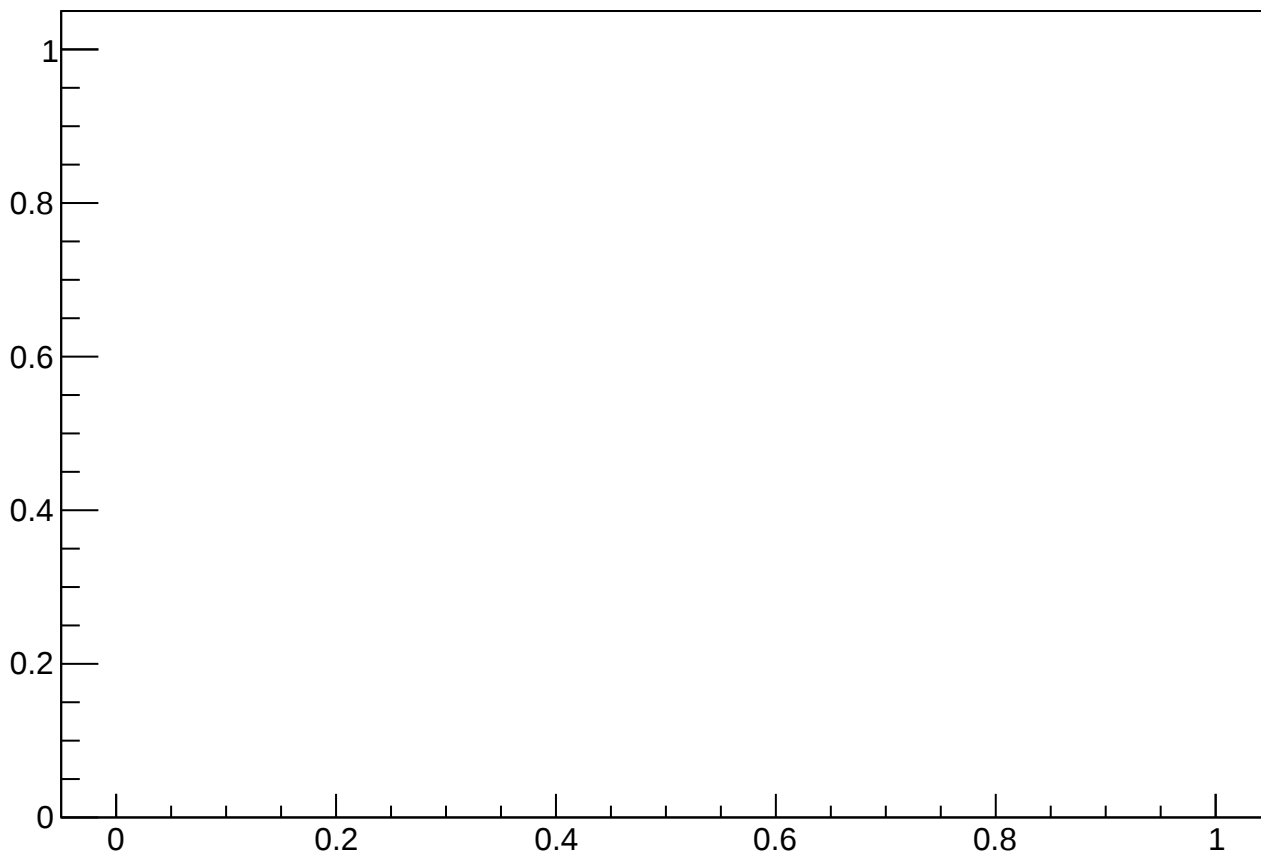
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

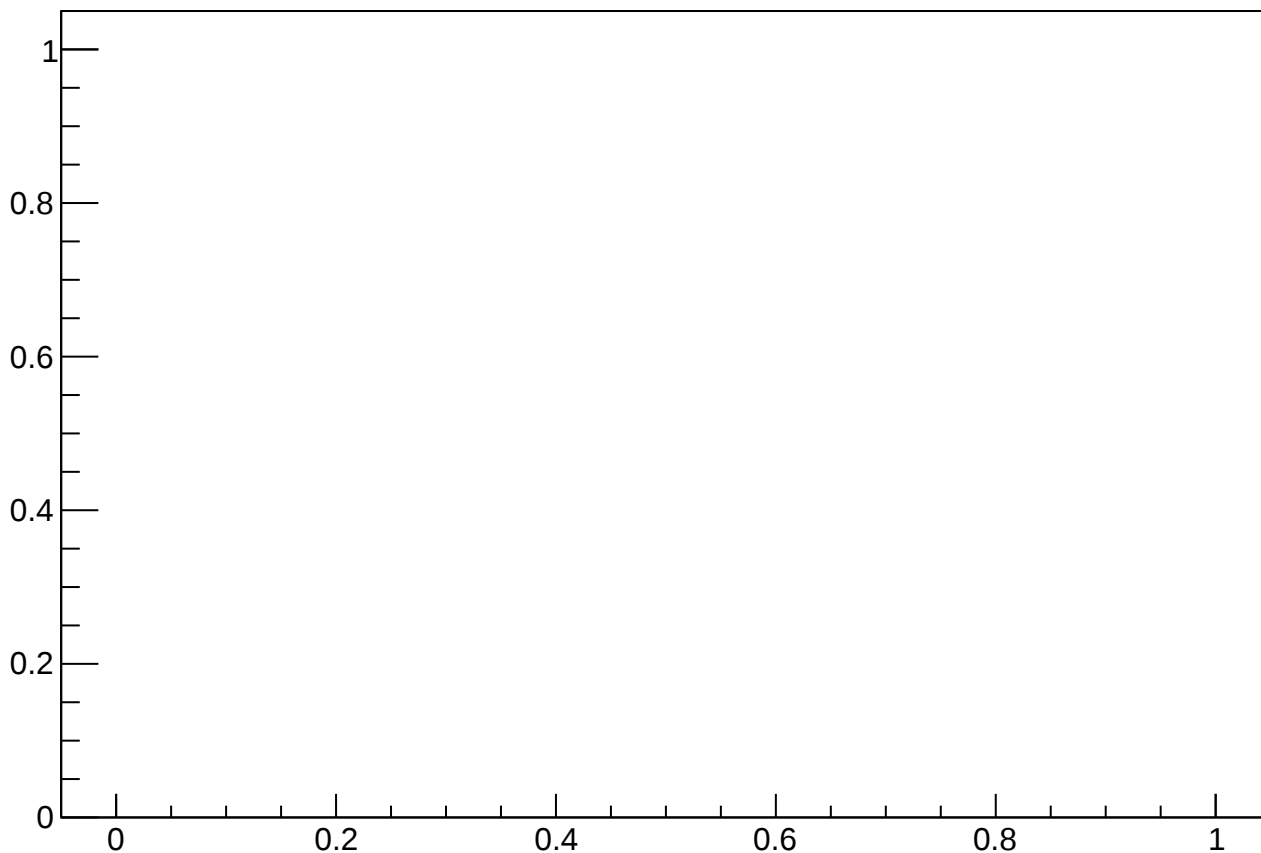
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

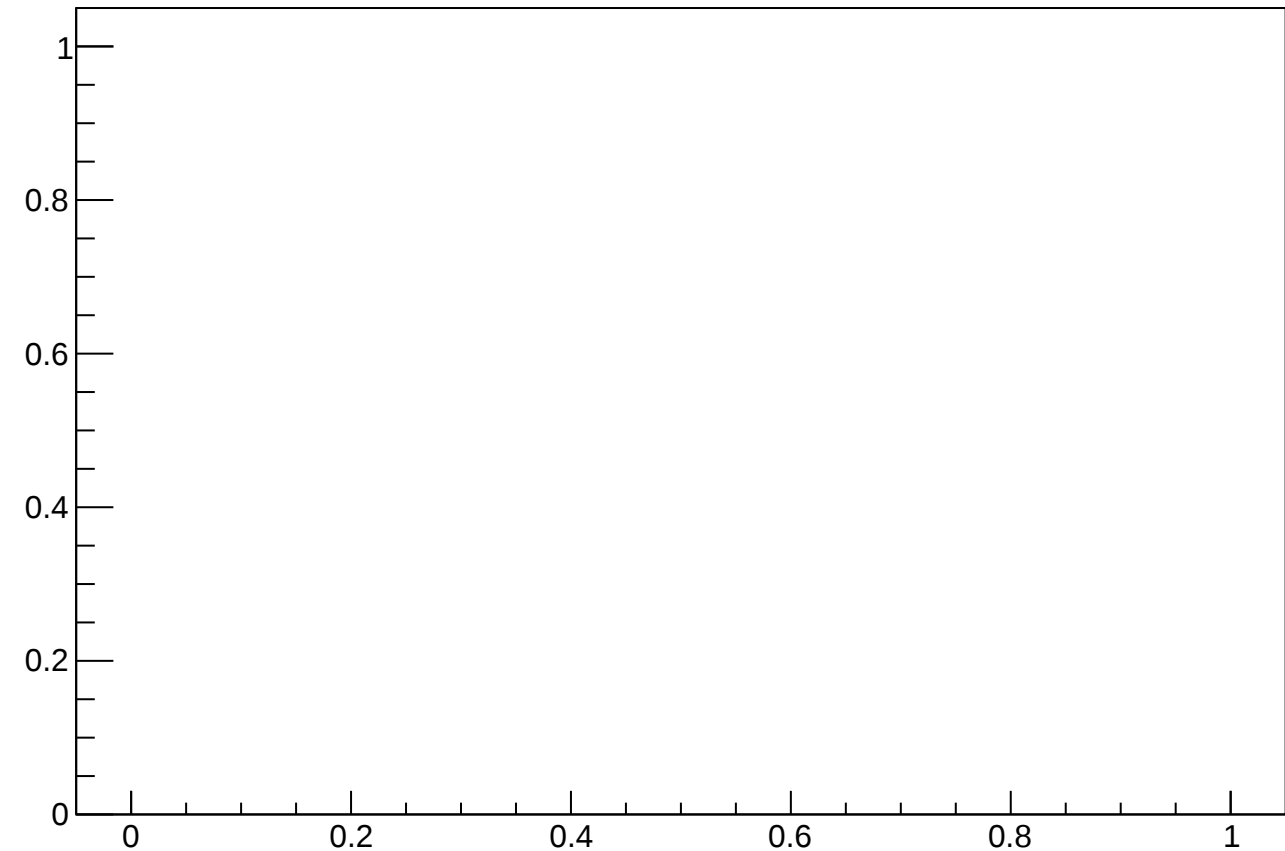
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

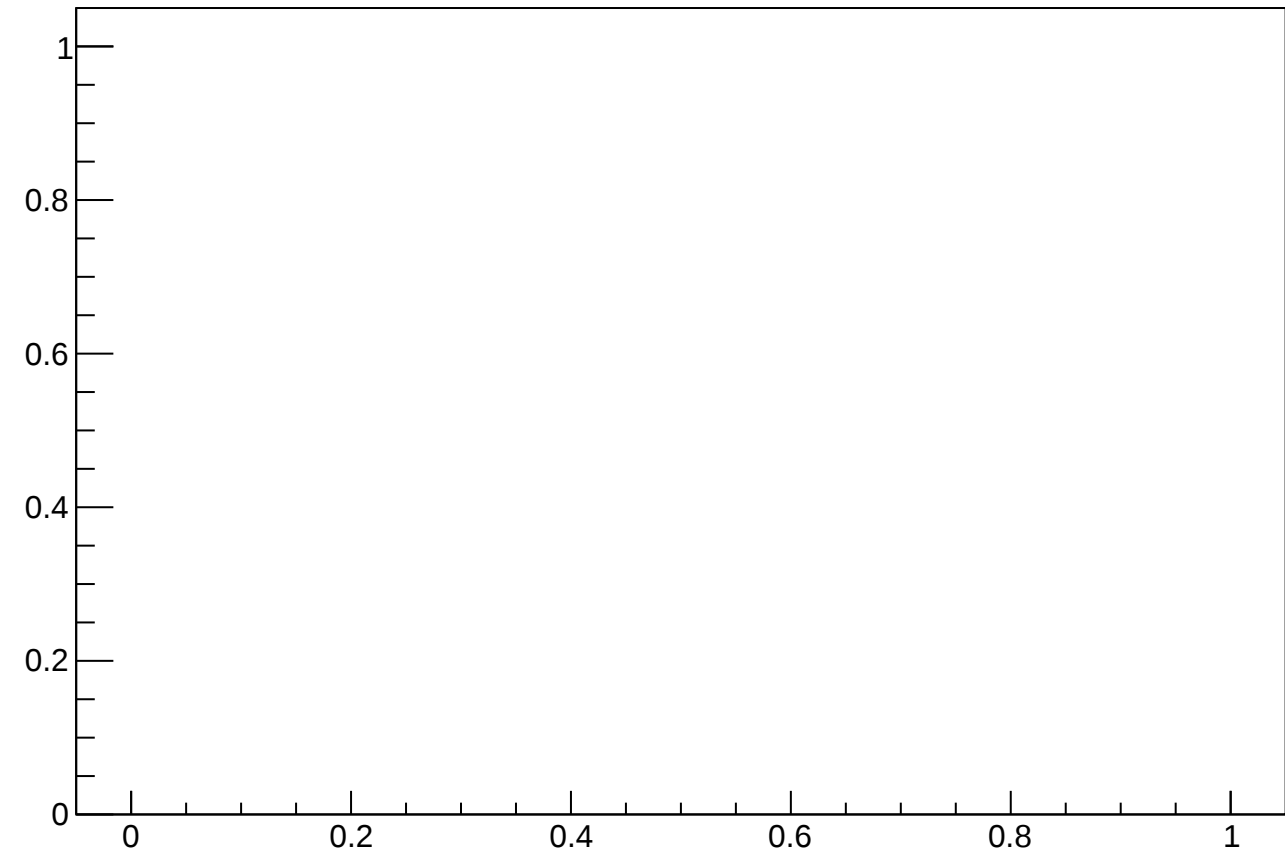
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

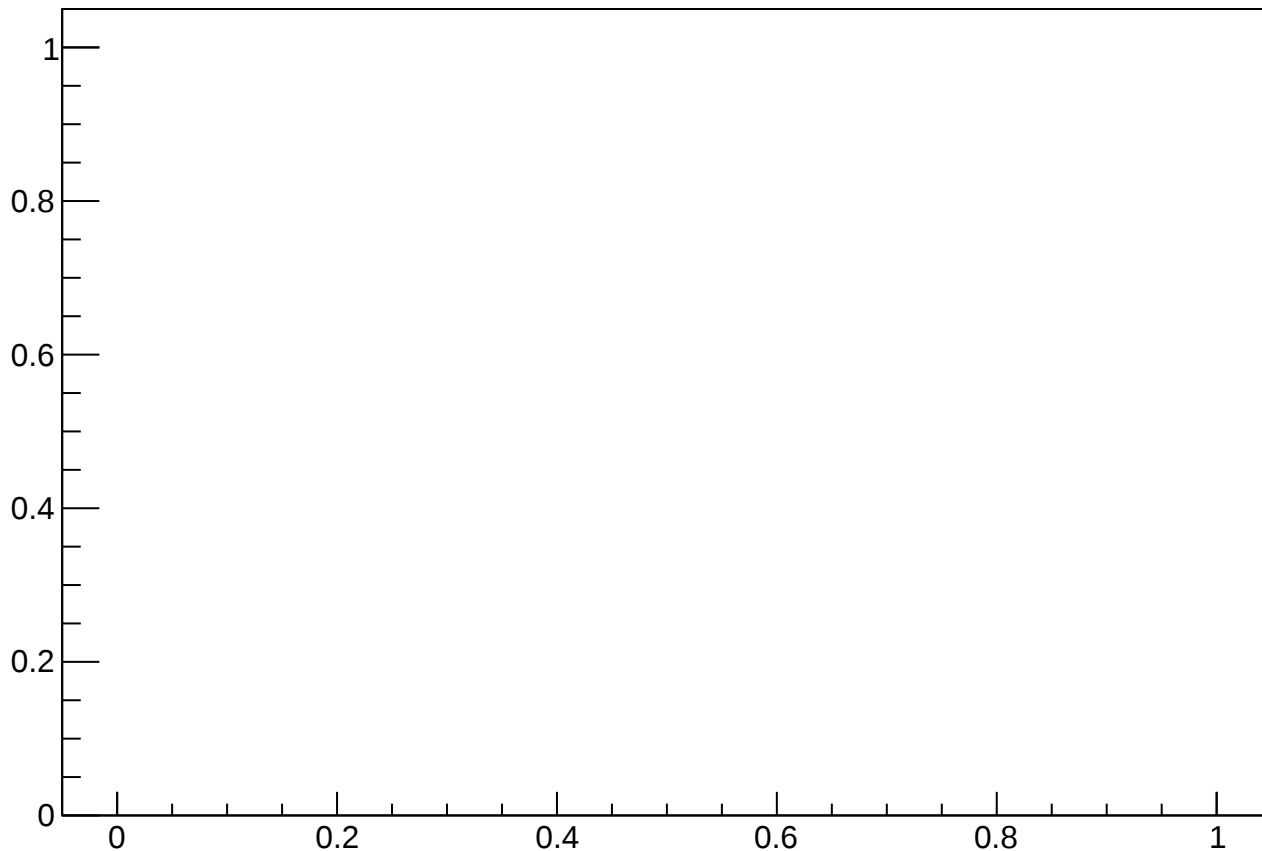
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

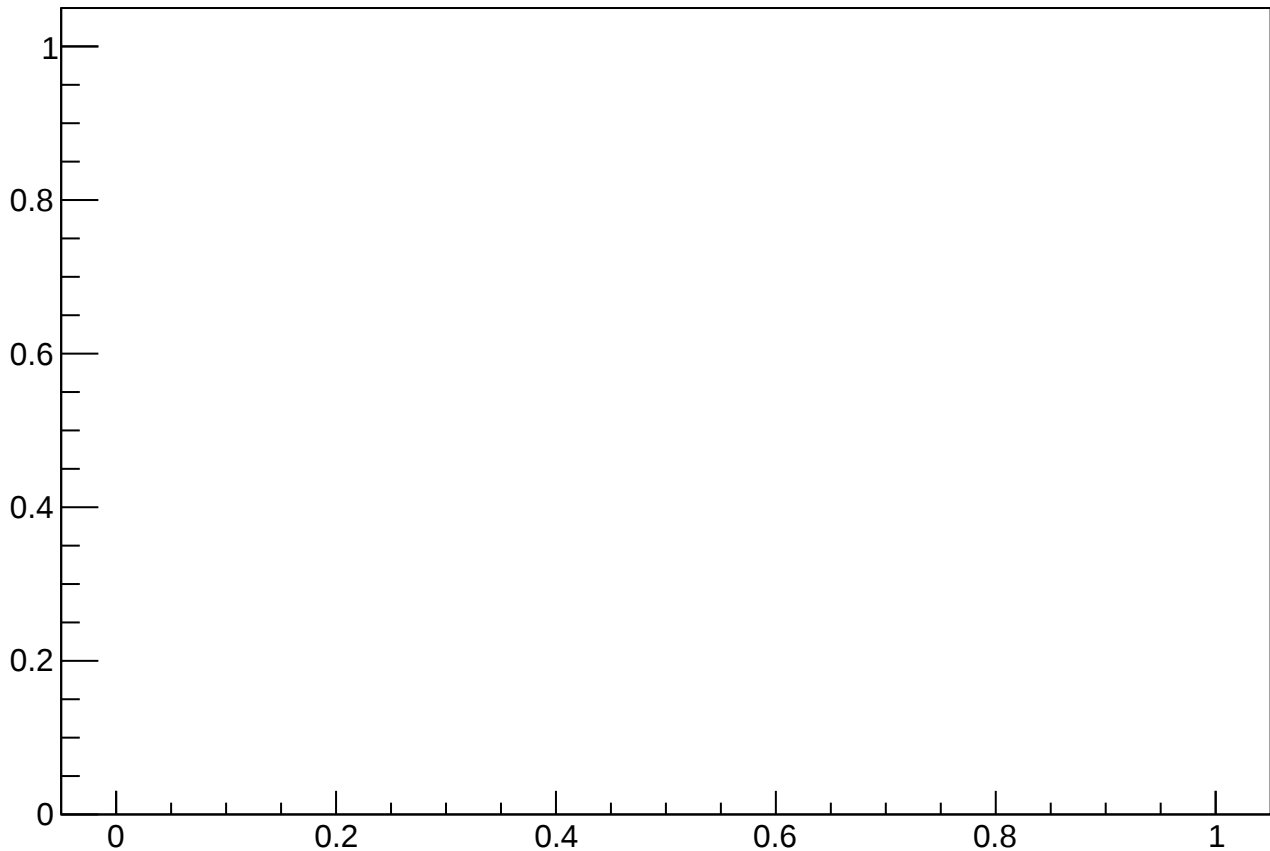
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

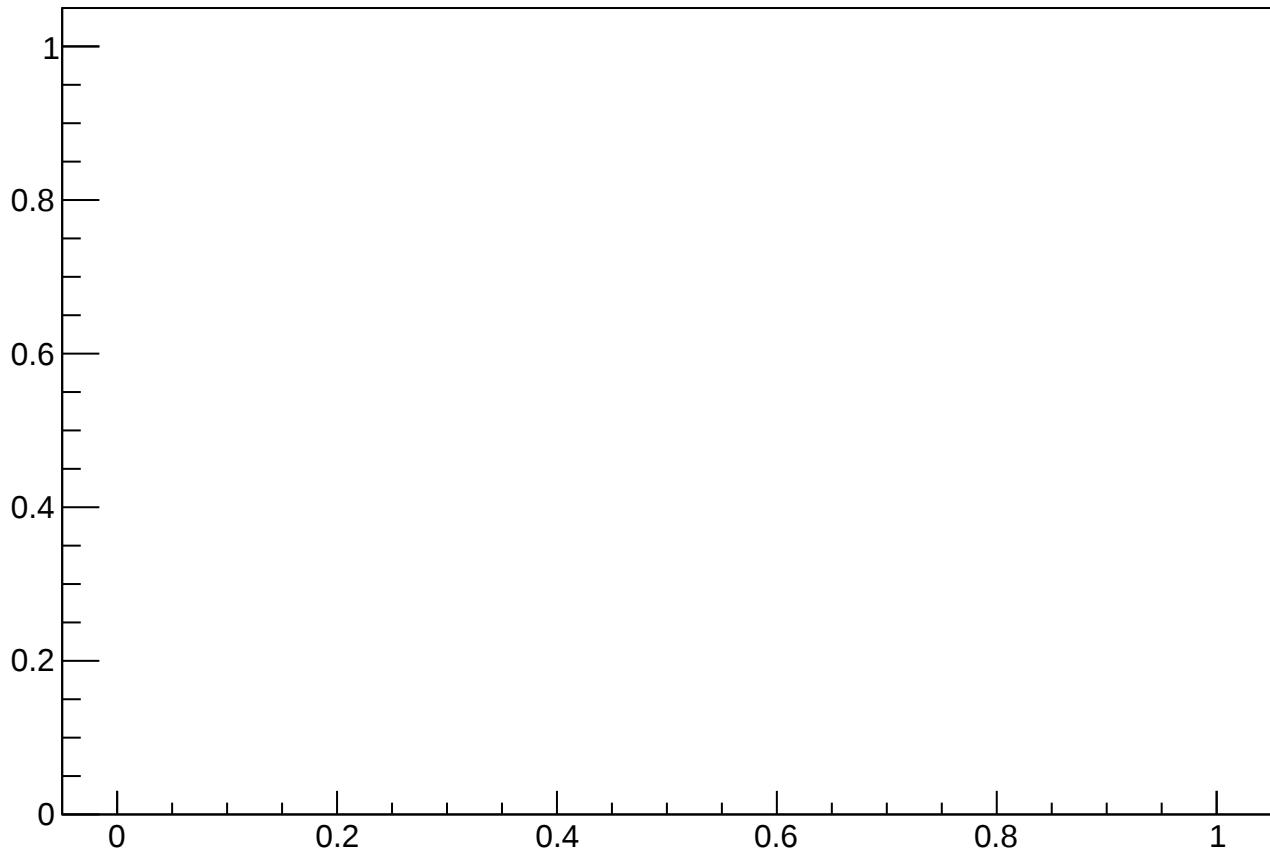
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

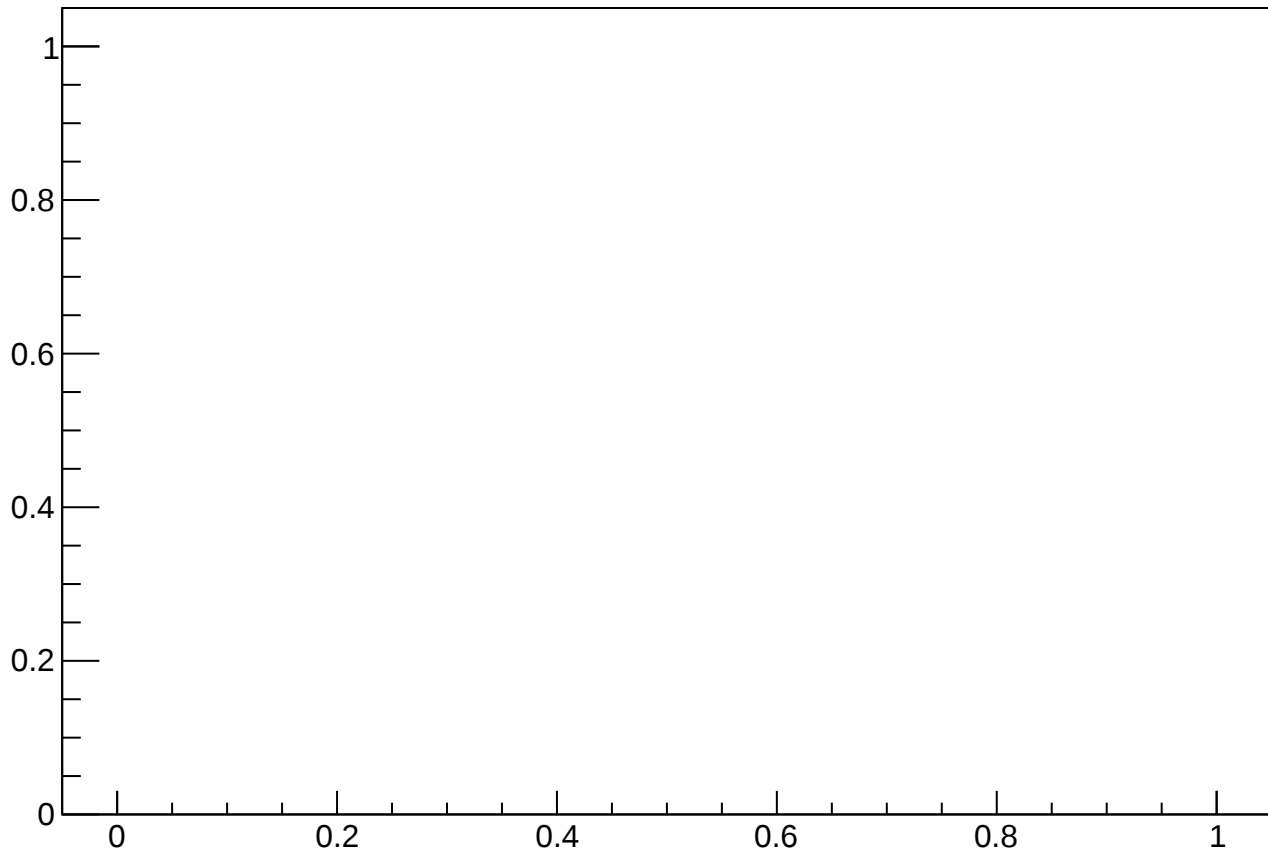
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

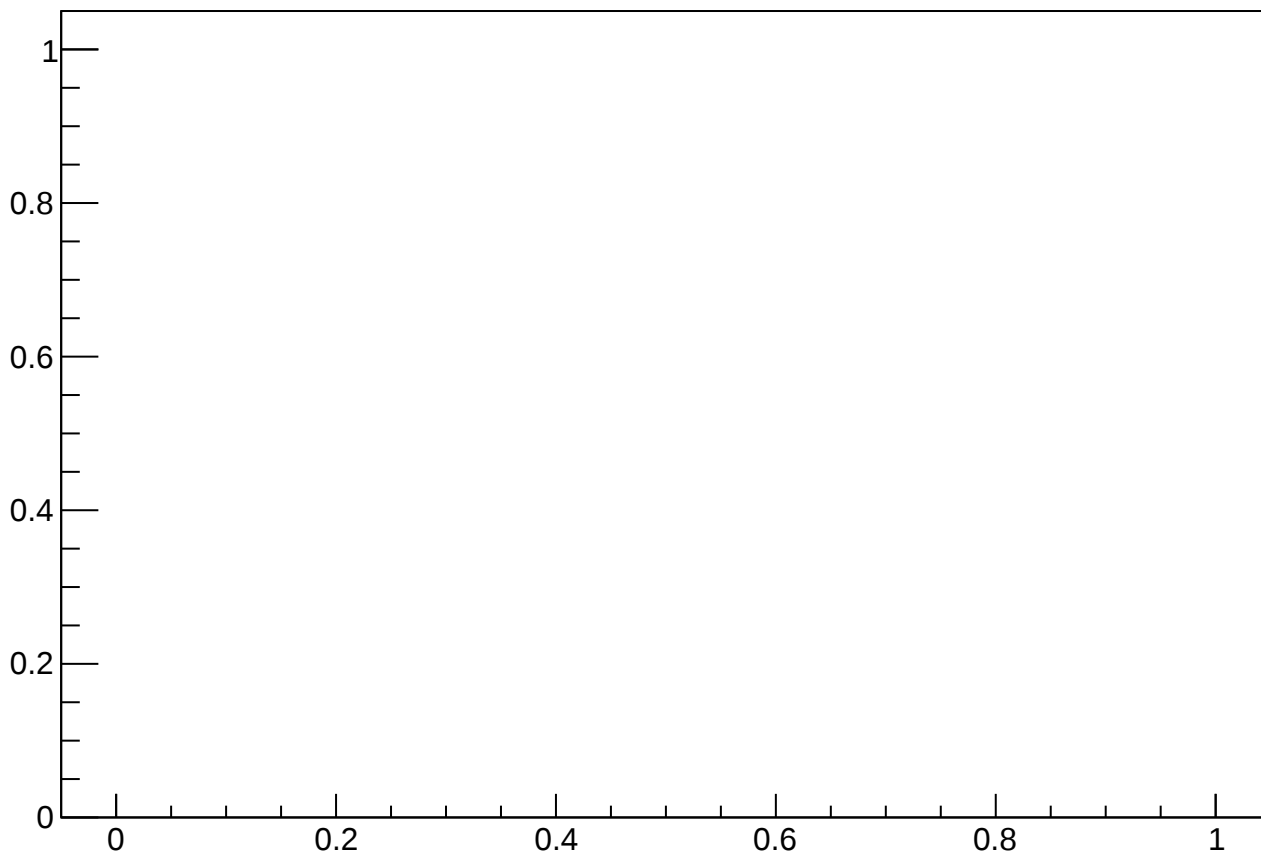
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

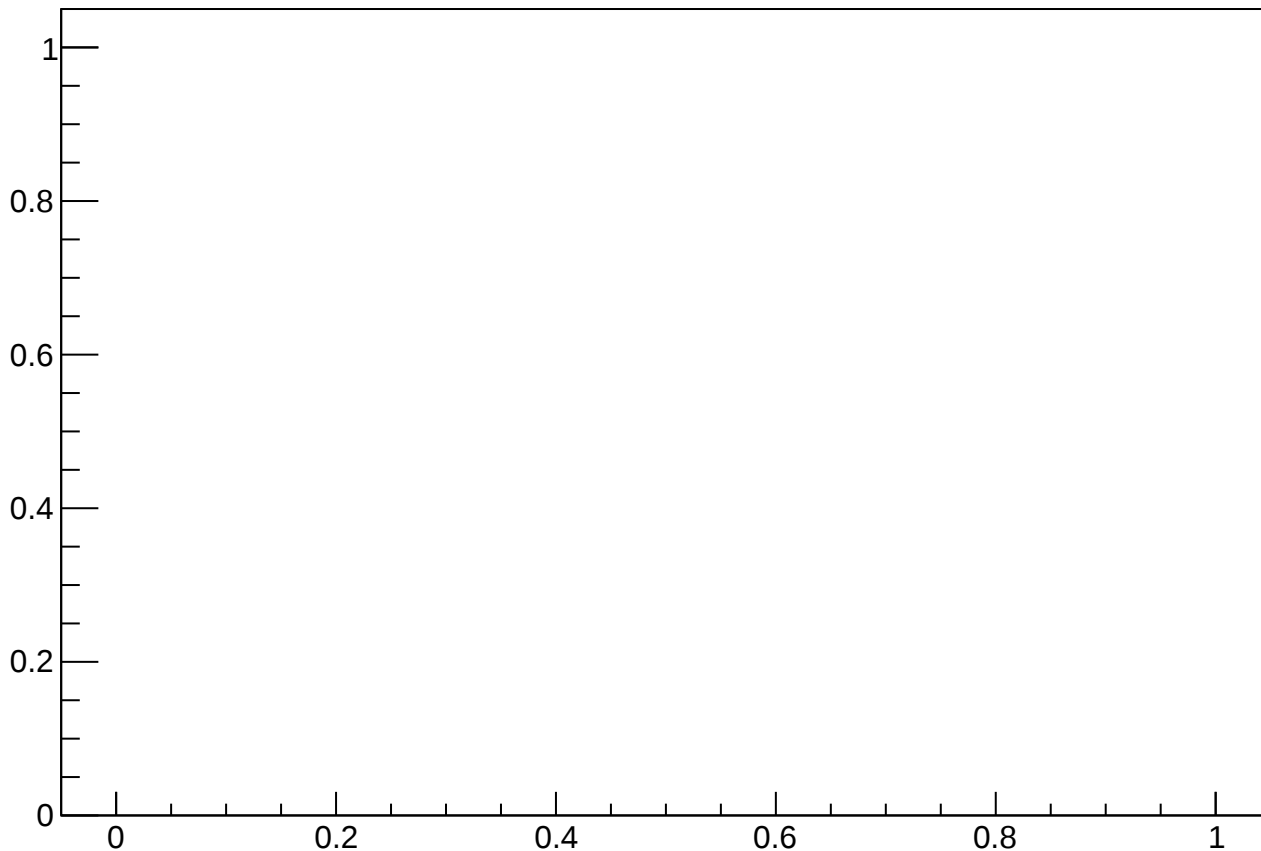
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

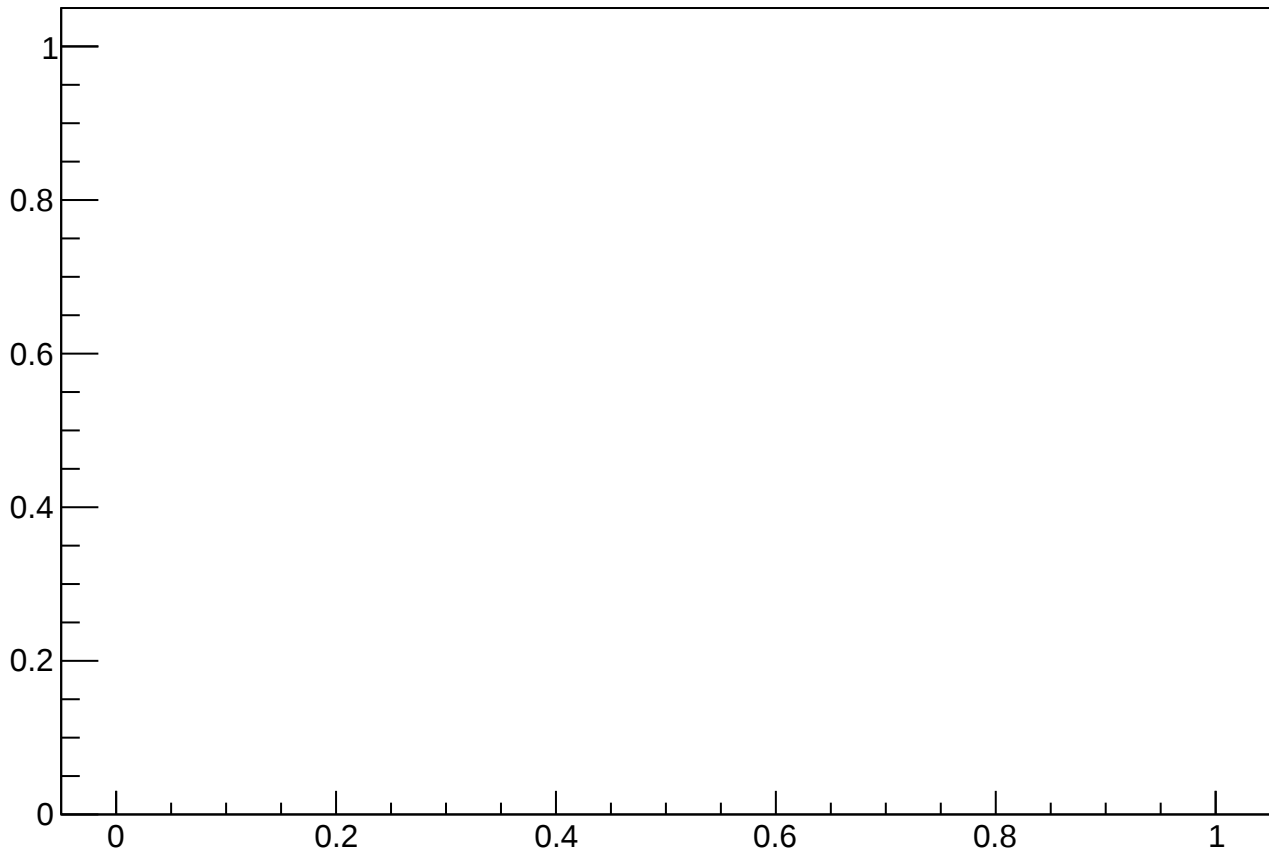
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

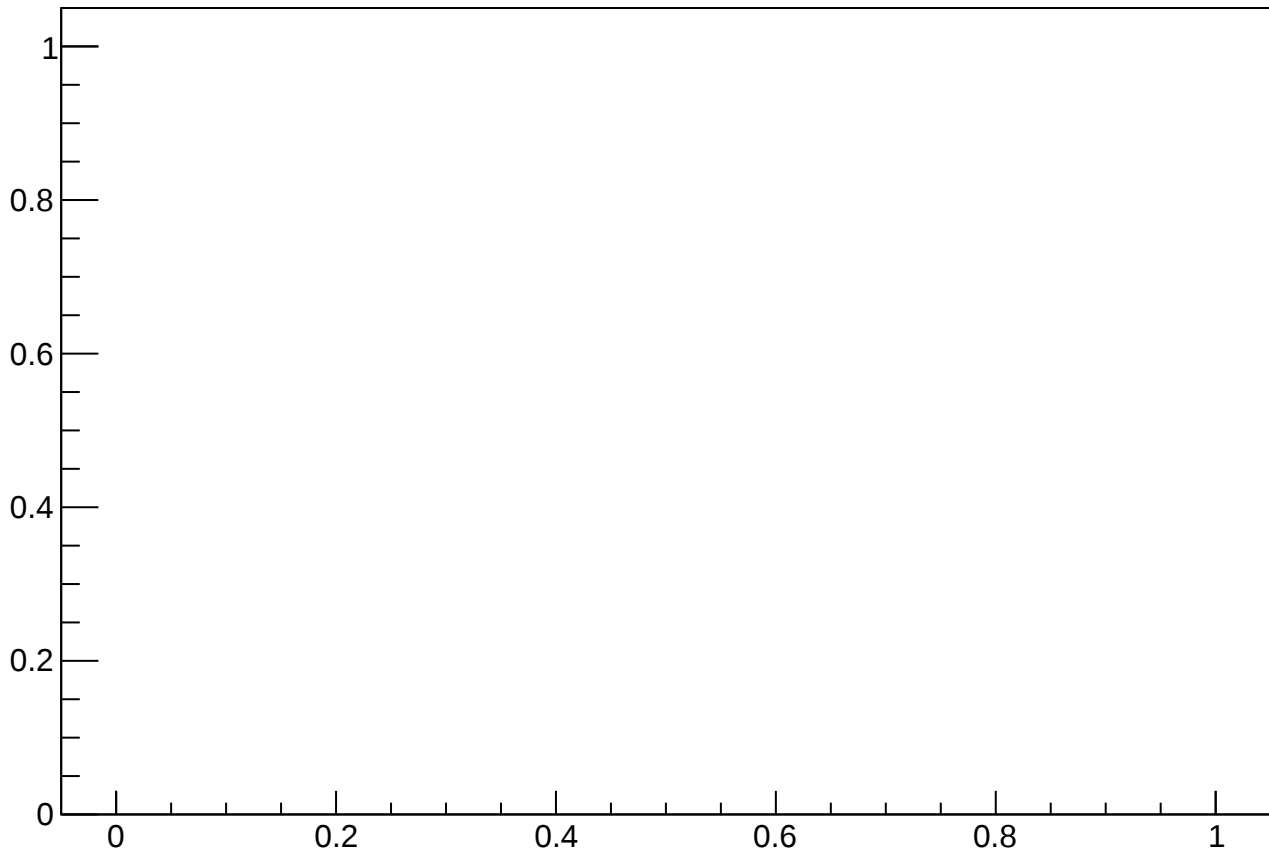
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

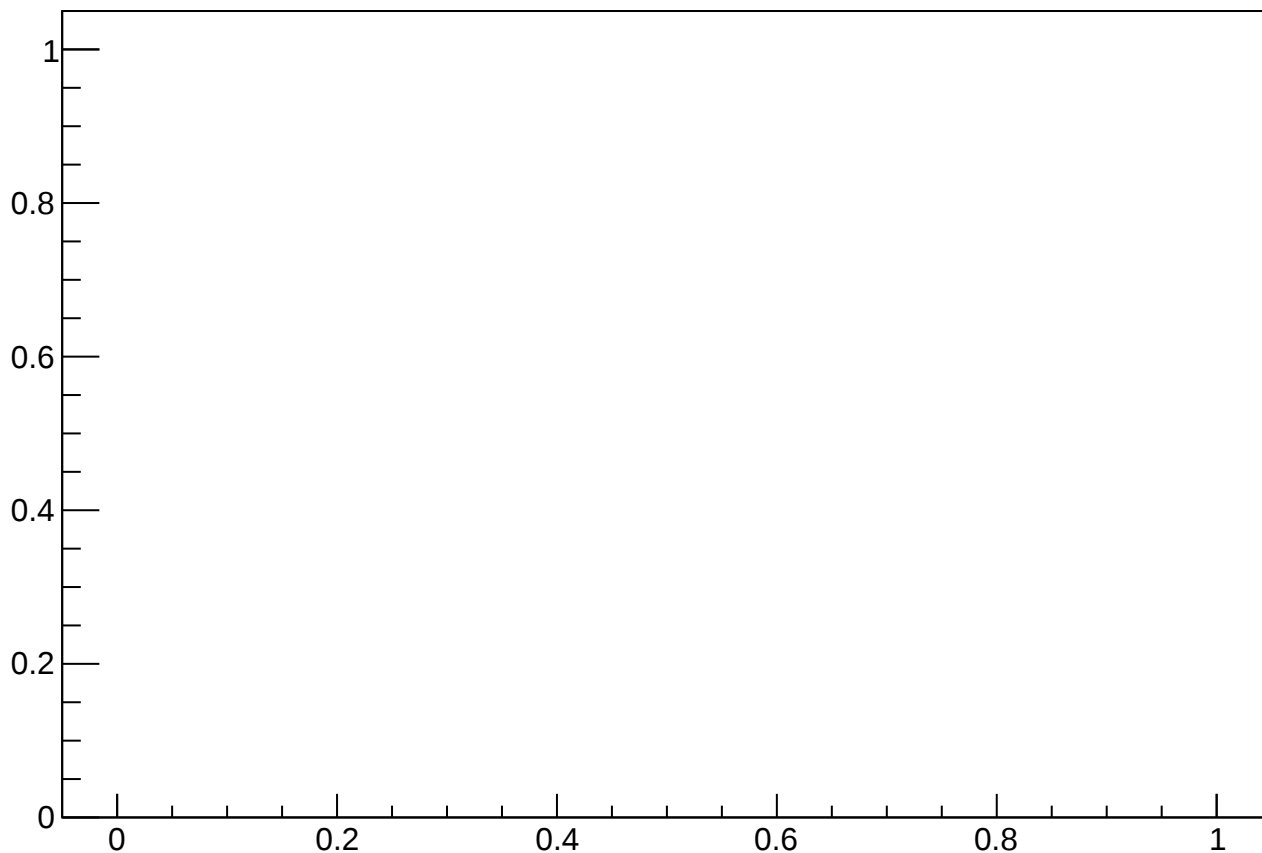
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

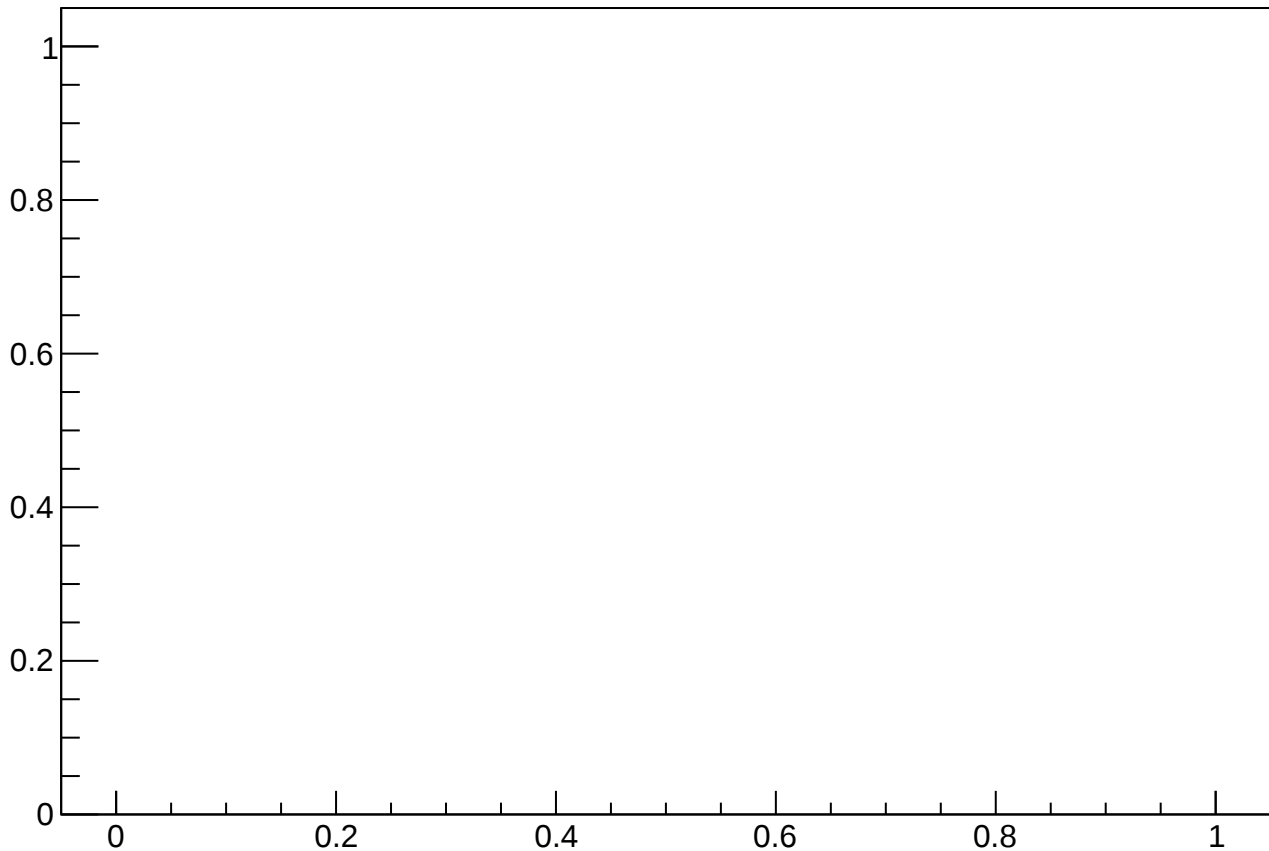
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

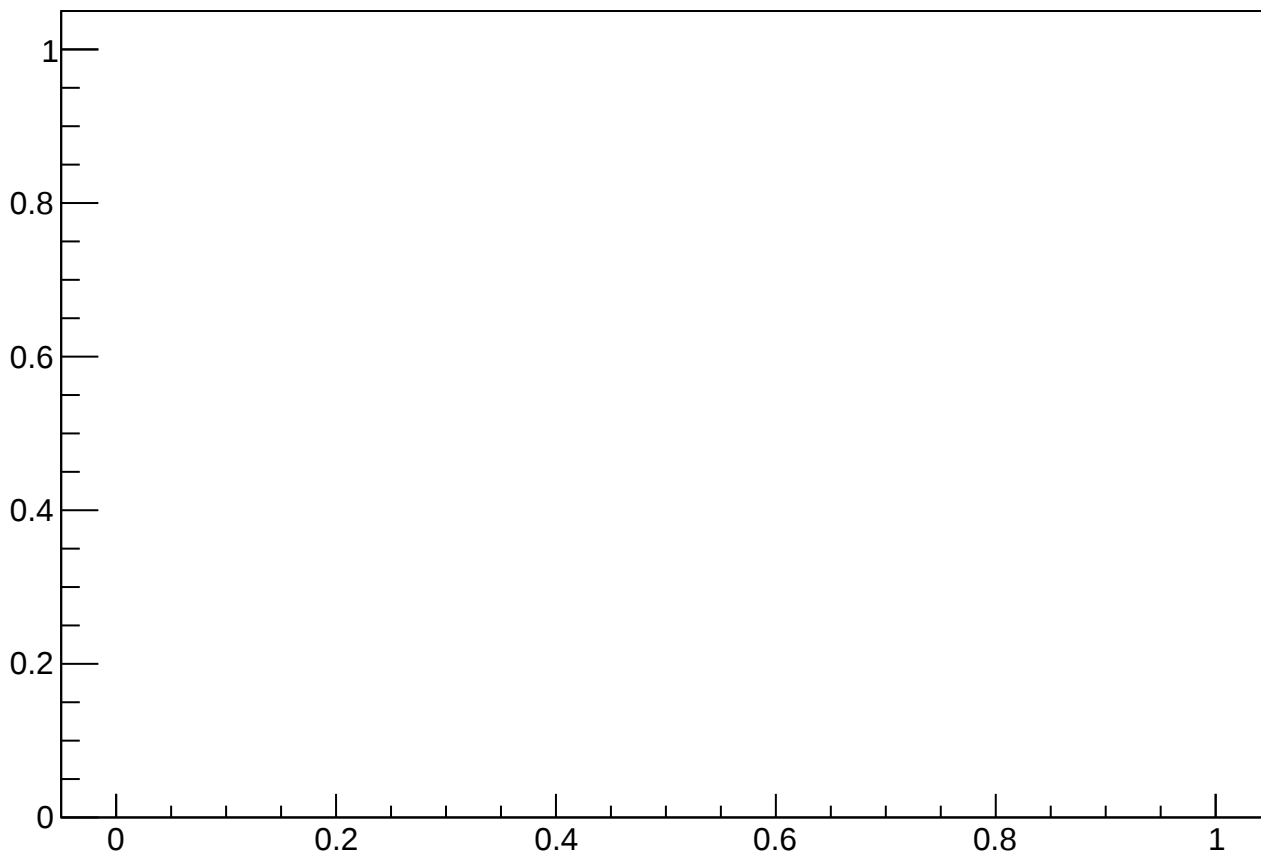
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

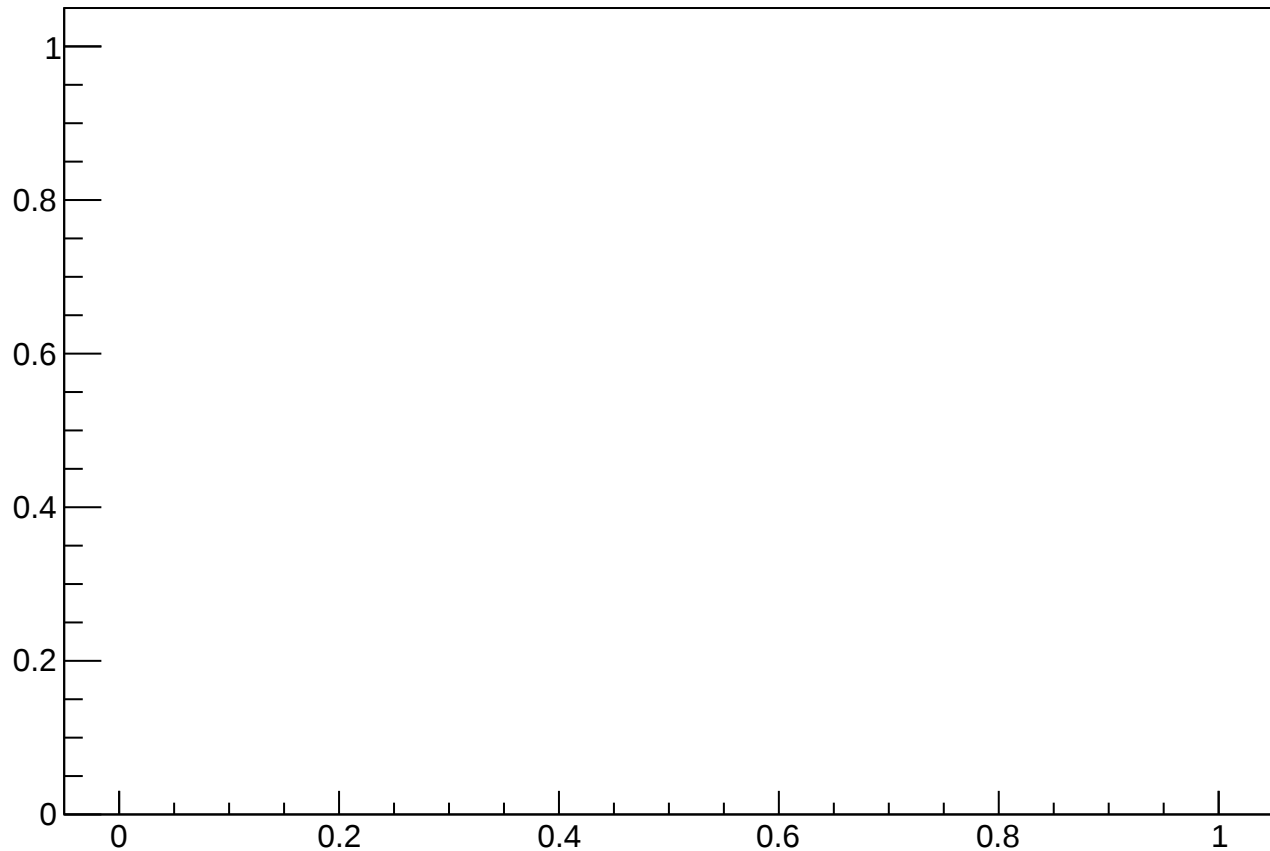
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

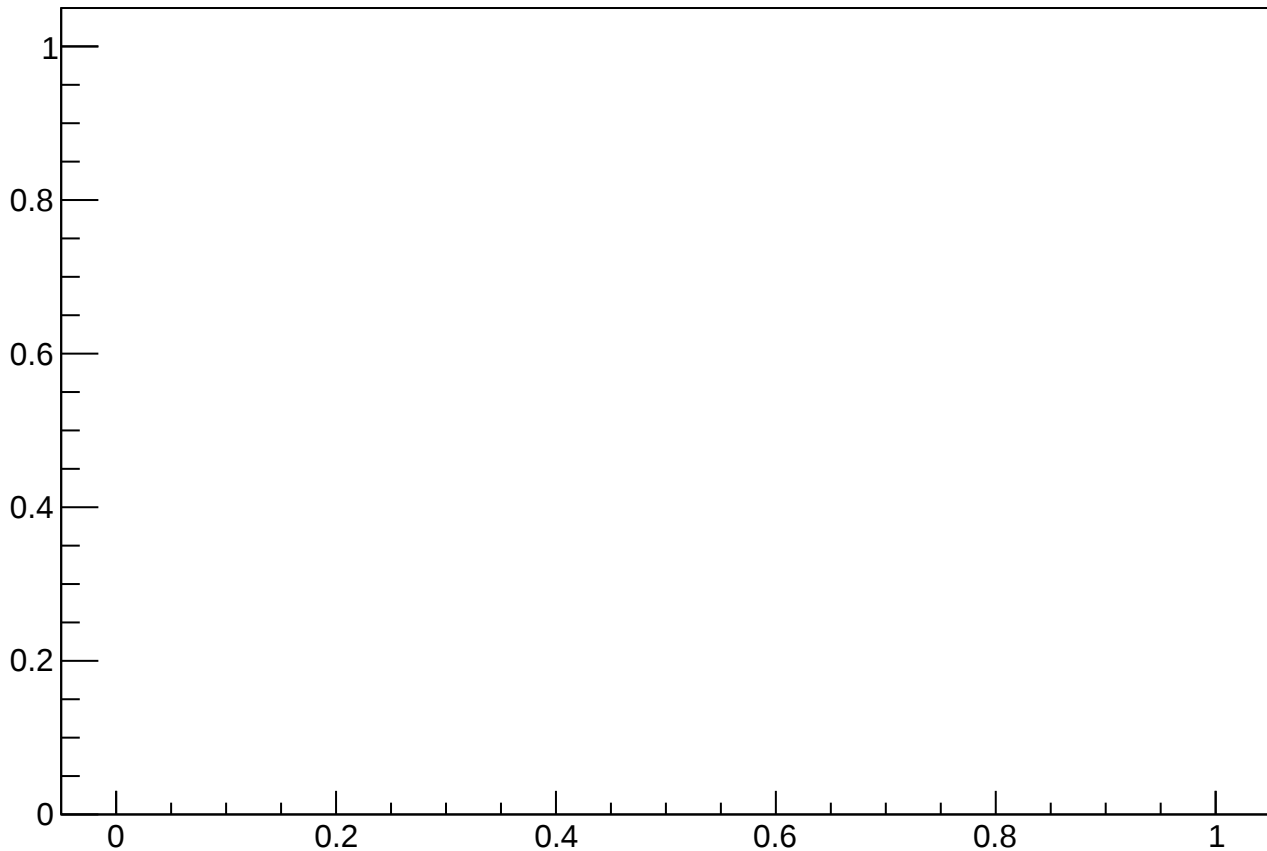
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

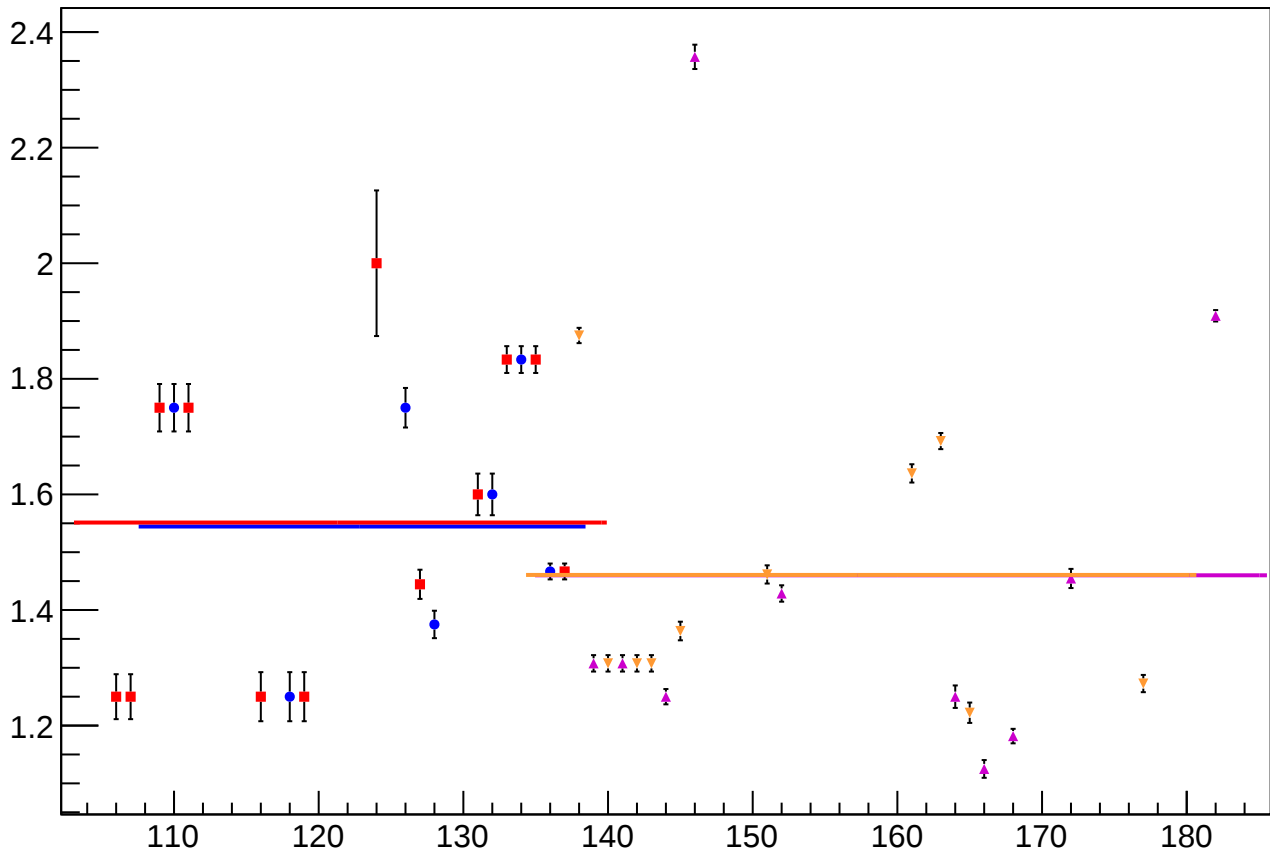
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF :2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF :5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

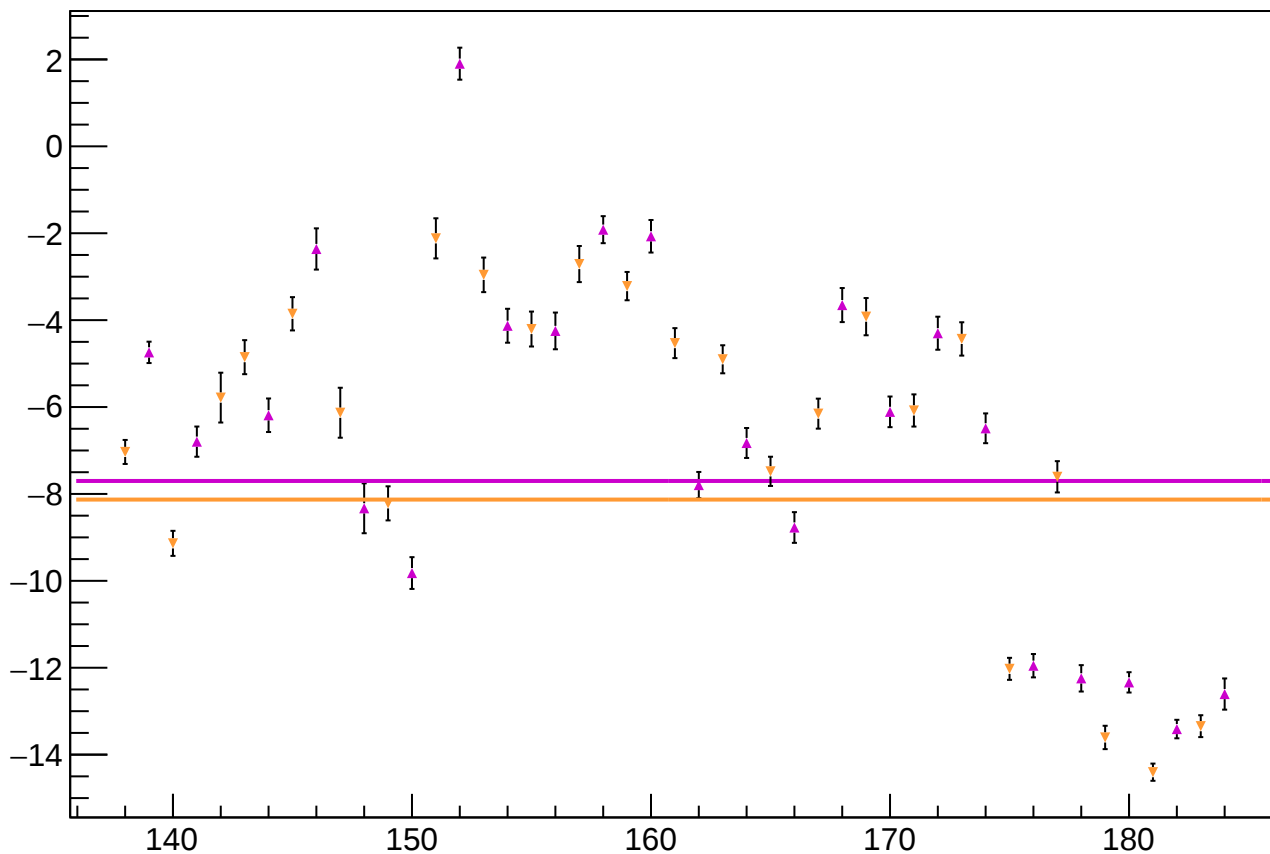
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF :5869.6/16

Out: 1.483+/-0.004 χ^2/NDF :2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Left: -7.917 $\pm$ 0.048 χ^2 /NDF: 7391.7/46

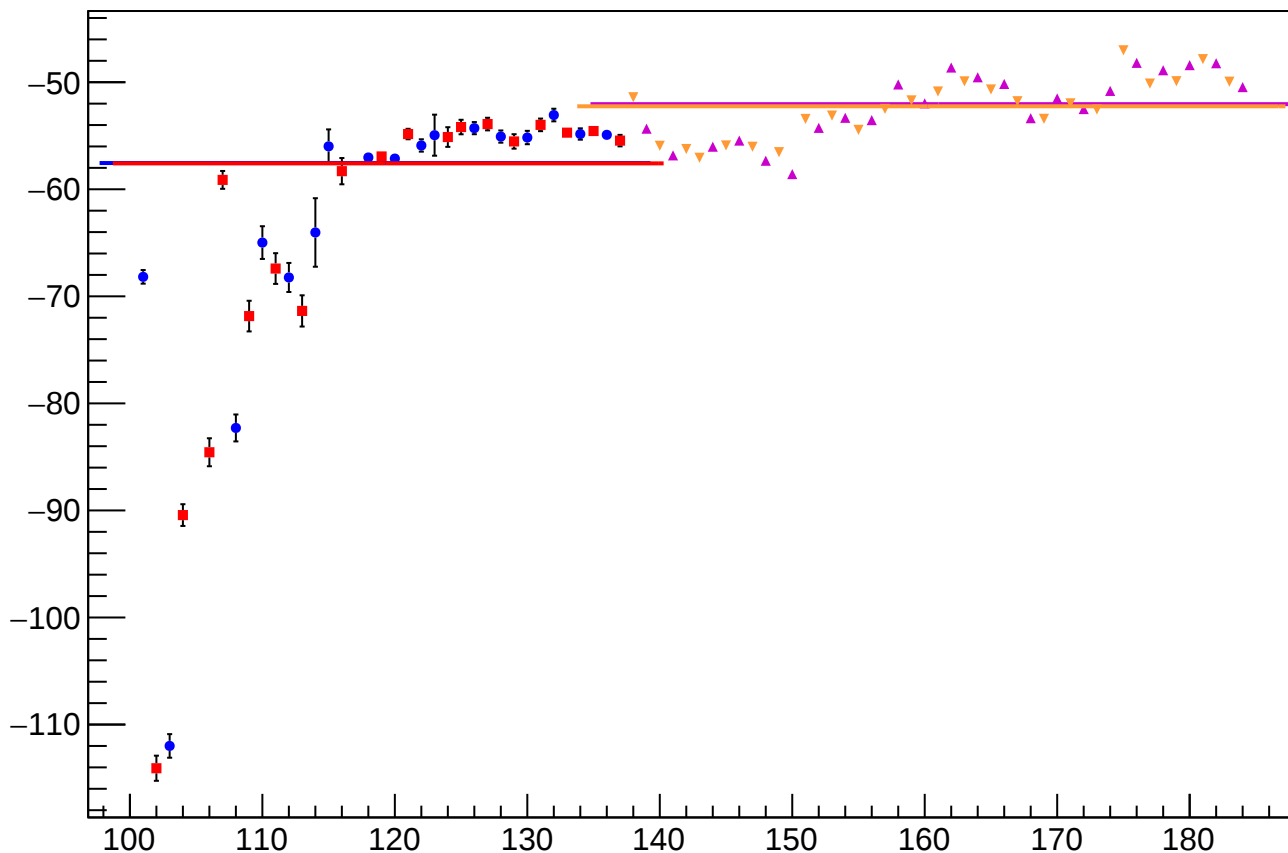
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Out: -8.130 $\pm$ 0.068 χ^2 /NDF:3634.7/23

All: -7.917 $\pm$ 0.048 χ^2 /NDF: 7391.7/46

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.249 $\pm$ 0.055 χ^2 /NDF:2603.6/23

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -52.050 $\pm$ 0.057 χ^2 /NDF:3197.5/22

Left: -52.152 $\pm$ 0.040 χ^2 /NDF: 5807.4/46

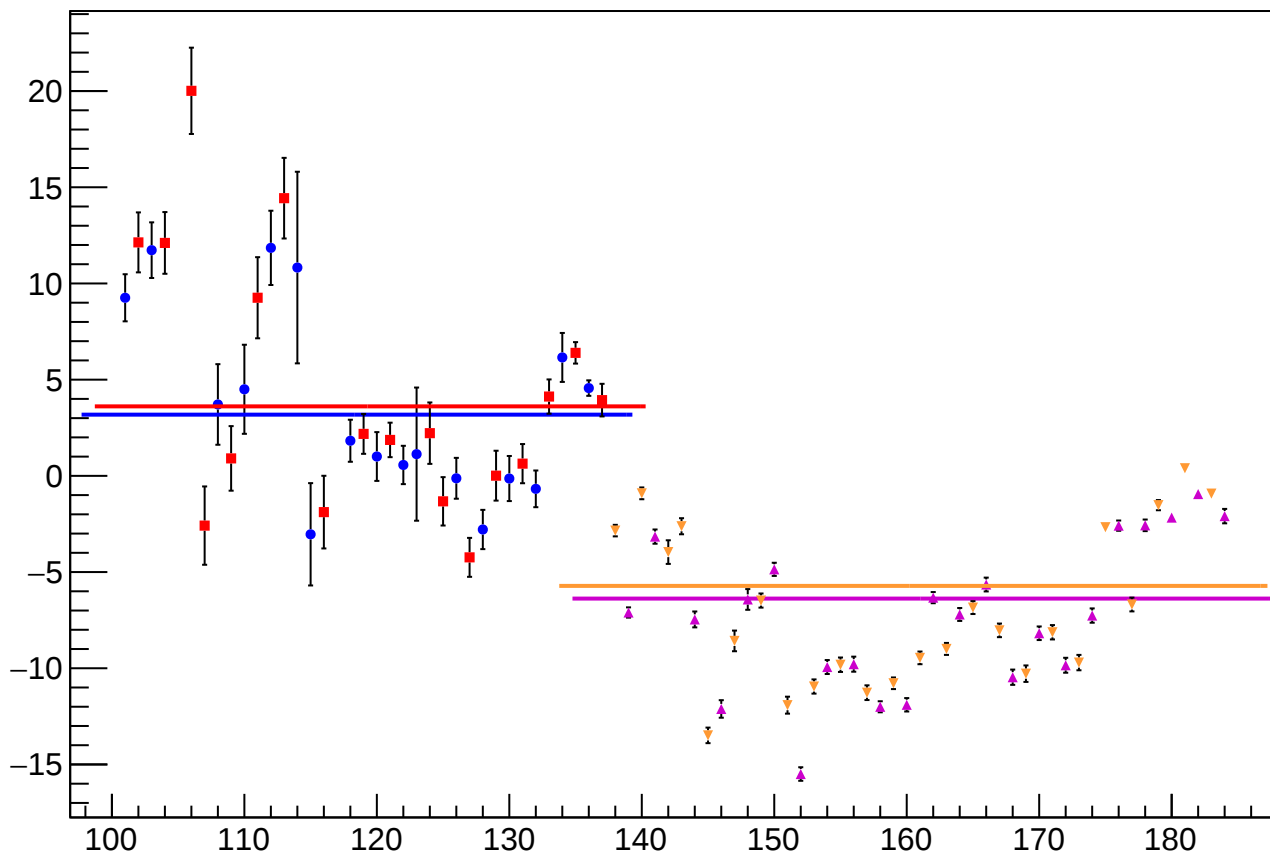
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -52.817 $\pm$ 0.053 χ^2 /NDF:7956.1/39

Out: -52.946 $\pm$ 0.052 χ^2 /NDF:8157.0/41

All: -52.883 $\pm$ 0.037 χ^2 /NDF: 16116.2/81

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -5.719 ± 0.068 χ^2/NDF : 3982.2/23

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -6.379 ± 0.068 χ^2/NDF : 3395.7/22

Left: -6.048 ± 0.048 χ^2/NDF : 7424.8/46

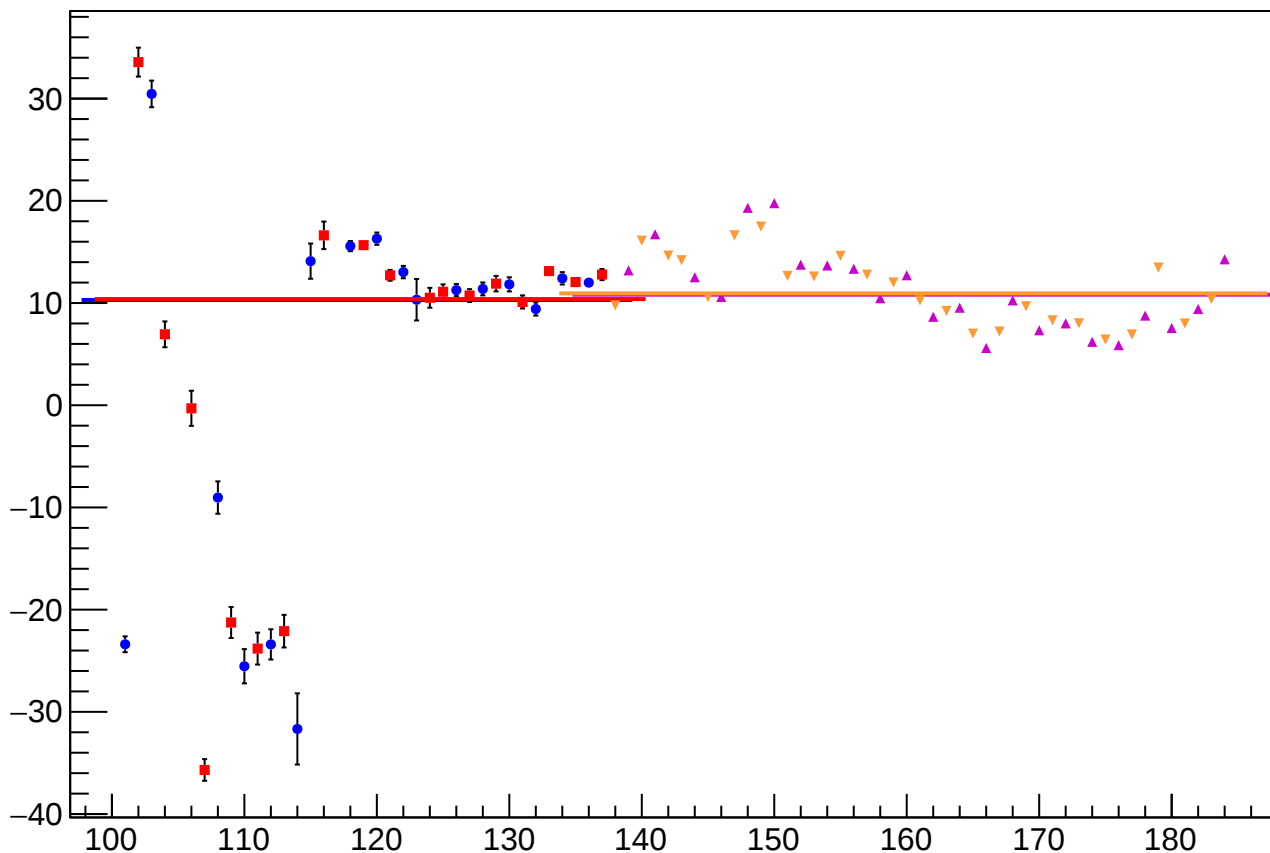
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.753 ± 0.066 χ^2/NDF : 4864.2/39

Out: -5.153 ± 0.066 χ^2/NDF : 5411.2/41

All: -5.453 ± 0.047 χ^2/NDF : 10316.7/81

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 10.943+/-0.062 χ^2/NDF : 2629.1/23

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 10.818+/-0.063 χ^2/NDF : 3577.7/22

Left: 10.882+/-0.044 χ^2/NDF : 6208.7/46

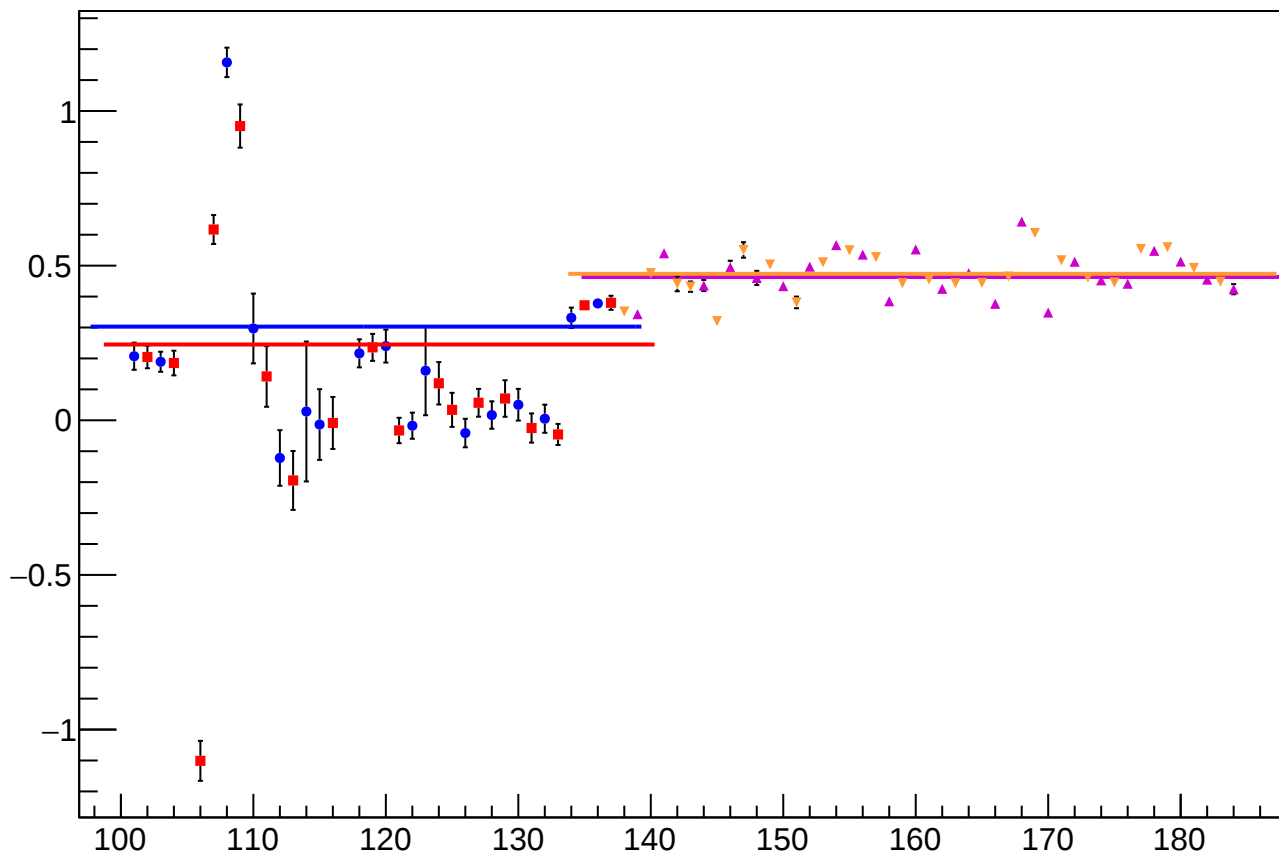
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 10.747+/-0.058 χ^2/NDF : 7286.4/39

Out: 10.871+/-0.058 χ^2/NDF : 6425.9/41

All: 10.810+/-0.041 χ^2/NDF : 13714.6/81

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.474 $\pm$ 0.003 χ^2 /NDF:507.8/23

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.463 $\pm$ 0.003 χ^2 /NDF:749.9/22

Left: 0.468 $\pm$ 0.002 χ^2 /NDF: 1264.5/46

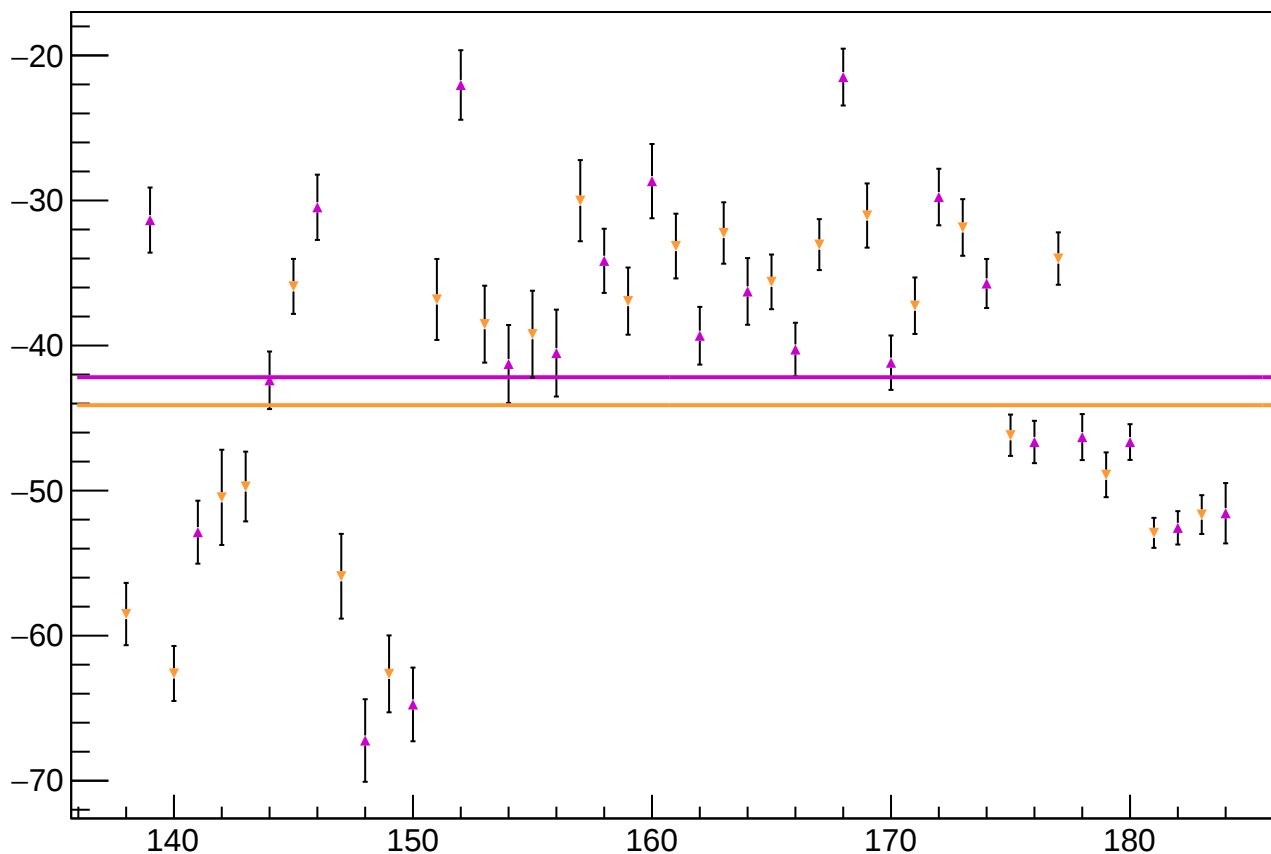
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.447 $\pm$ 0.003 χ^2 /NDF:1741.6/39

Out: 0.451 $\pm$ 0.003 χ^2 /NDF:2112.7/41

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3855.7/81

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



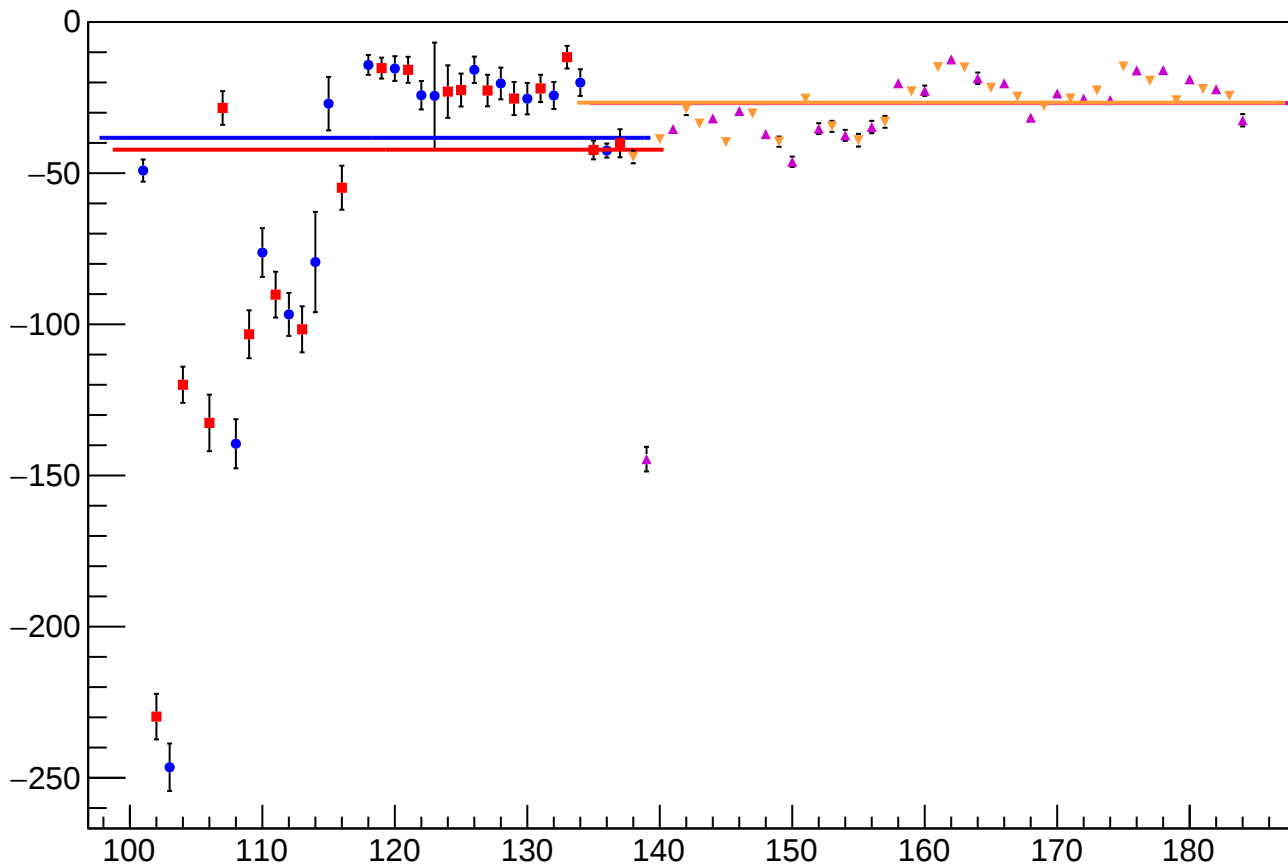
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -44.112 ± 0.393 $\chi^2/\text{NDF}: 631.7/23$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$

Left: -43.159 ± 0.280 $\chi^2/\text{NDF}: 1294.7/46$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -42.185 ± 0.398 $\chi^2/\text{NDF}: 651.0/22$
 Out: -44.112 ± 0.393 $\chi^2/\text{NDF}: 631.7/23$

All: -43.159 ± 0.280 $\chi^2/\text{NDF}: 1294.7/46$

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.678 ± 0.319 $\chi^2/\text{NDF}: 606.5/23$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

Left: -26.750 ± 0.228 $\chi^2/\text{NDF}: 2088.2/46$

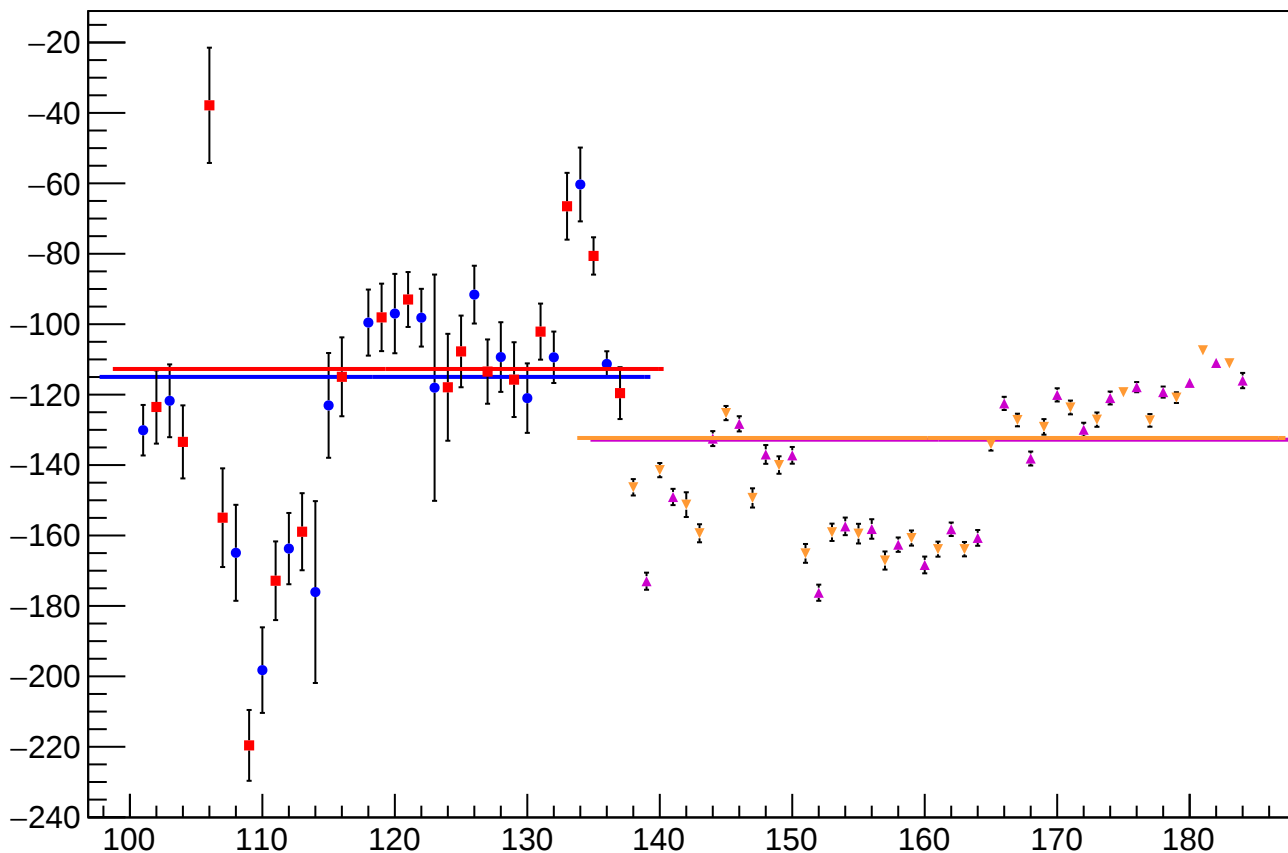
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -27.693 ± 0.313 $\chi^2/\text{NDF}: 2708.4/39$

Out: -27.692 ± 0.309 $\chi^2/\text{NDF}: 2039.2/41$

All: -27.692 ± 0.220 $\chi^2/\text{NDF}: 4747.6/81$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 ± 2.075 $\chi^2/\text{NDF}: 141.4/16$

Left Out: -132.308 ± 0.396 $\chi^2/\text{NDF}: 2392.0/23$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

Left: -132.552 ± 0.281 $\chi^2/\text{NDF}: 4908.6/46$

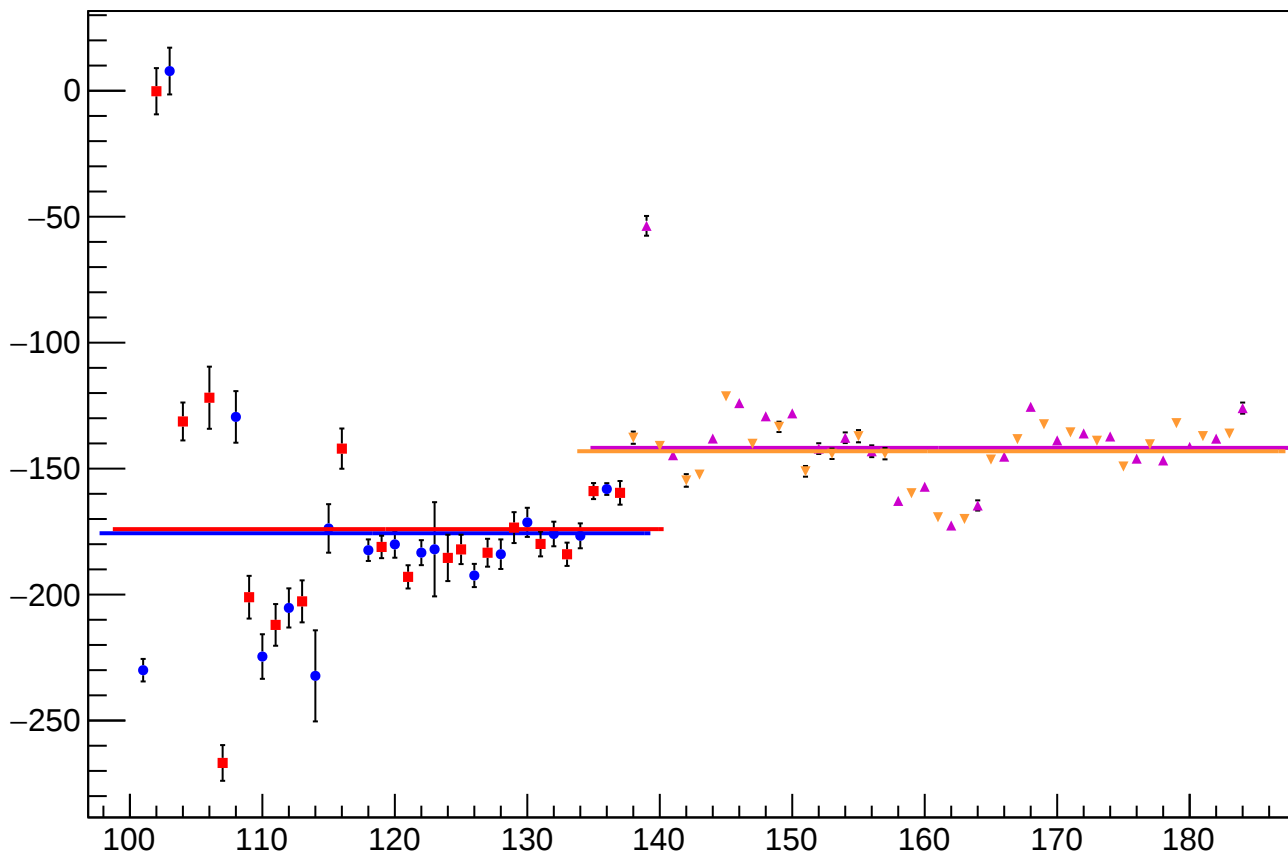
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -132.166 ± 0.391 $\chi^2/\text{NDF}: 2728.5/39$

Out: -131.699 ± 0.389 $\chi^2/\text{NDF}: 2735.2/41$

All: -131.932 ± 0.276 $\chi^2/\text{NDF}: 5464.5/81$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.095 ± 0.358 χ^2/NDF : 1043.7/23

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -141.769 ± 0.363 χ^2/NDF : 1604.4/22

Left: -142.441 ± 0.255 χ^2/NDF : 2654.9/46

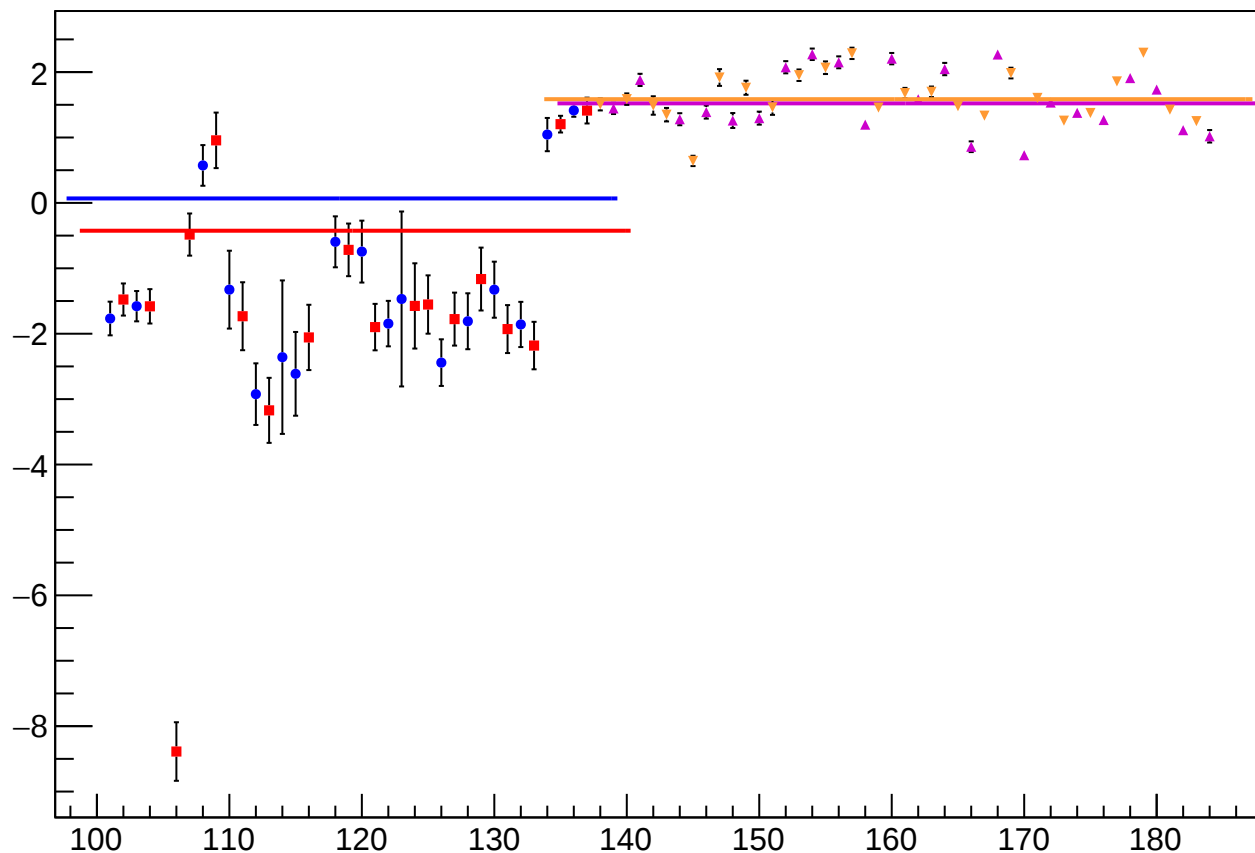
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.327 ± 0.349 χ^2/NDF : 2955.4/39

Out: -145.110 ± 0.346 χ^2/NDF : 2234.2/41

All: -144.722 ± 0.246 χ^2/NDF : 5192.1/81

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.586 ± 0.016 χ^2/NDF : 493.5/23

Right Out: -0.425 ± 0.071 χ^2/NDF : 742.9/17

Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

Left: 1.554 ± 0.012 χ^2/NDF : 1240.2/46

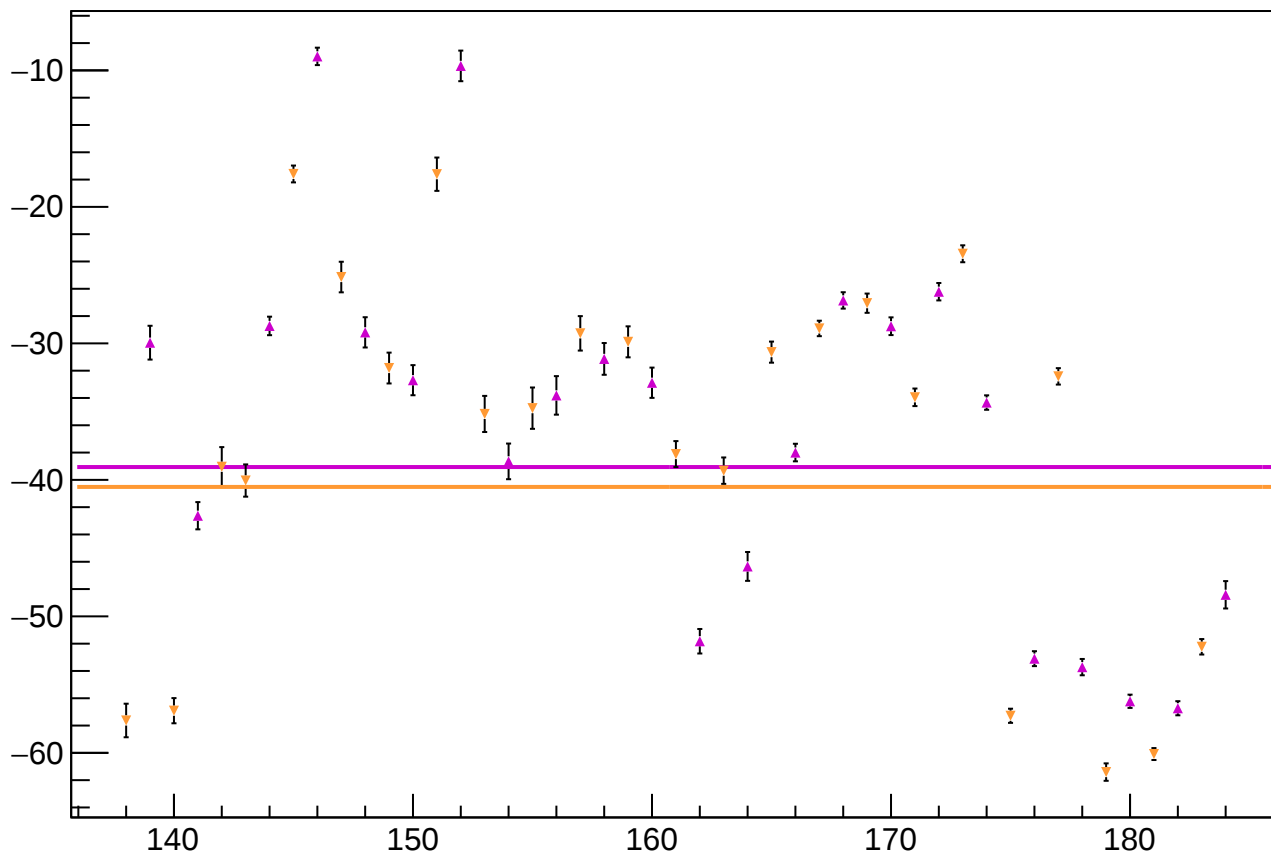
Right: -0.163 ± 0.049 χ^2/NDF : 1294.2/34

In: 1.439 ± 0.016 χ^2/NDF : 1708.9/39

Out: 1.484 ± 0.016 χ^2/NDF : 1993.1/41

All: 1.462 ± 0.011 χ^2/NDF : 3706.0/81

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.517+/-0.155 χ^2/NDF : 9233.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.060+/-0.154 χ^2/NDF : 8577.0/22

Left: -39.783+/-0.109 χ^2/NDF : 17854.8/46

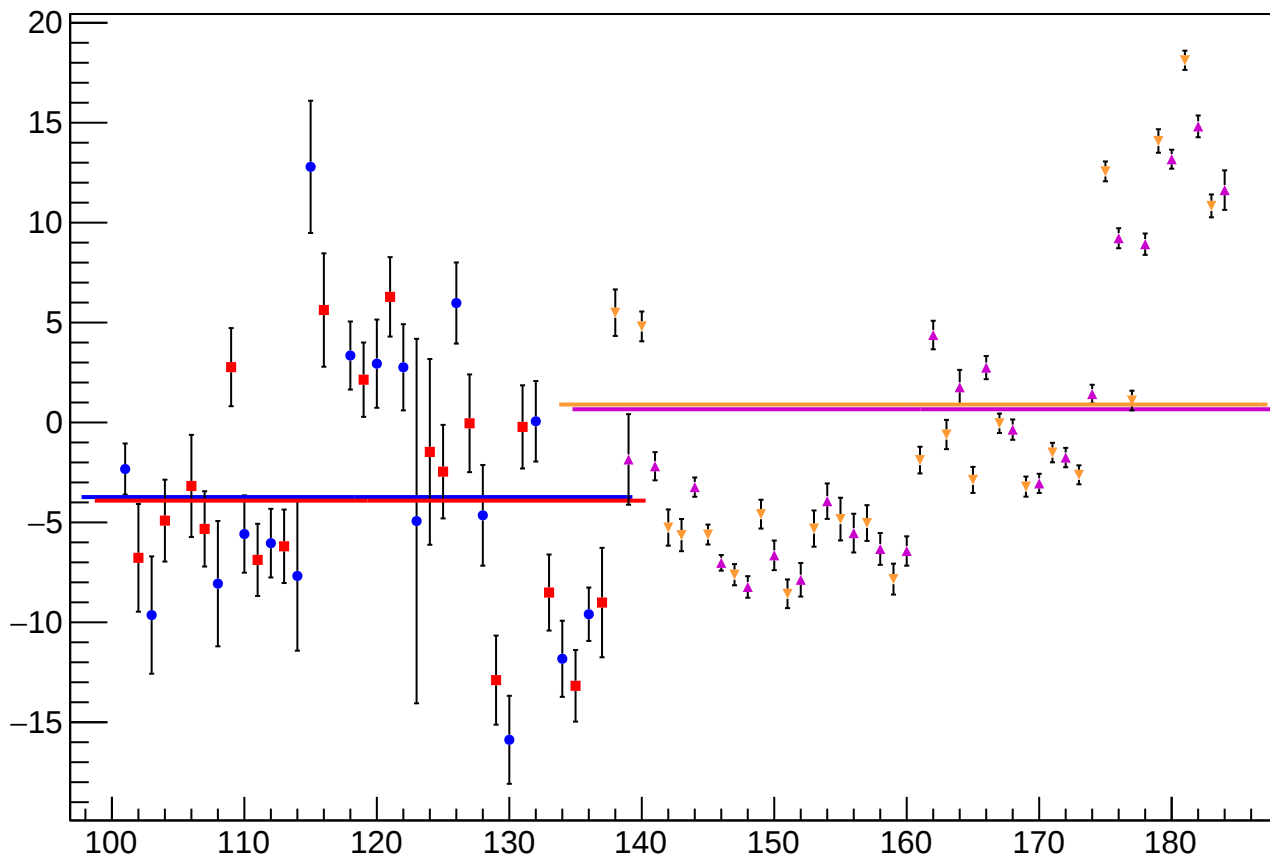
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.060+/-0.154 χ^2/NDF : 8577.0/22

Out: -40.517+/-0.155 χ^2/NDF : 9233.4/23

All: -39.783+/-0.109 χ^2/NDF : 17854.8/46

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.899 ± 0.125 χ^2/NDF : 3904.1/23

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

Left: 0.779 ± 0.088 χ^2/NDF : 7246.8/46

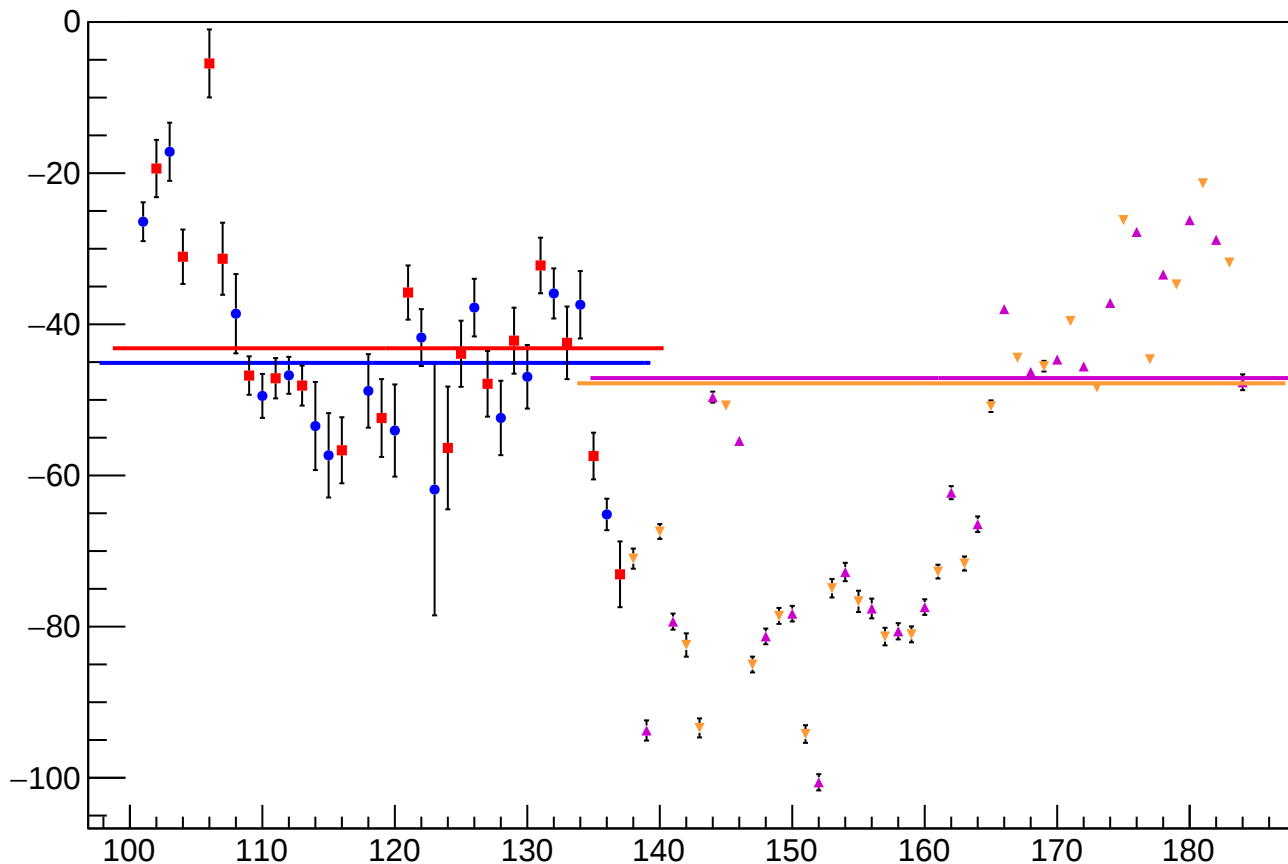
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: 0.404 ± 0.120 χ^2/NDF : 3580.6/39

Out: 0.621 ± 0.122 χ^2/NDF : 4113.7/41

All: 0.511 ± 0.086 χ^2/NDF : 7695.9/81

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 $\pm$ 0.883 χ^2 /NDF: 230.6/16

Left Out: -47.806 $\pm$ 0.156 χ^2 /NDF:16887.5/23

Right Out: -43.167 $\pm$ 0.879 χ^2 /NDF: 232.9/17

Left In: -47.112 $\pm$ 0.155 χ^2 /NDF:15654.8/22

Left: -47.456 $\pm$ 0.110 χ^2 /NDF: 32552.2/46

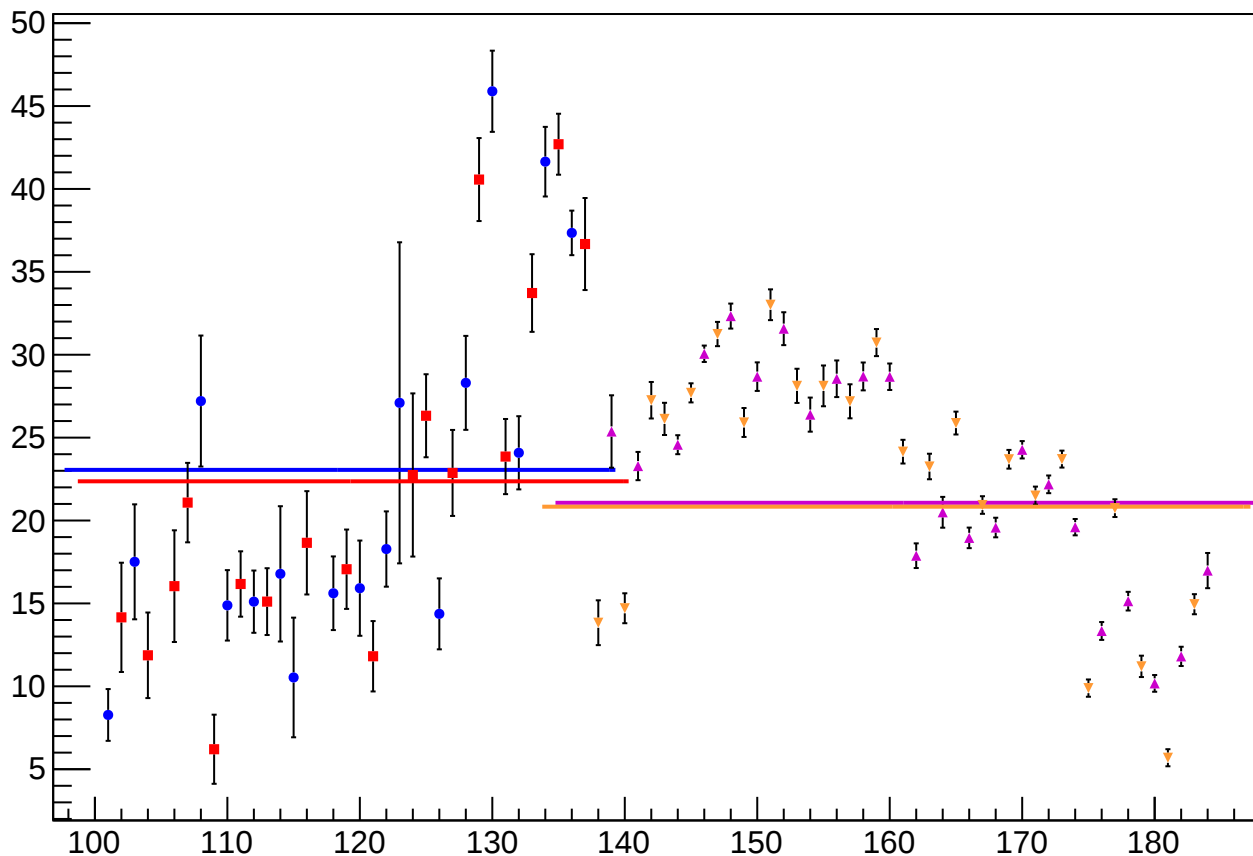
Right: -44.131 $\pm$ 0.623 χ^2 /NDF: 465.9/34

In: -47.053 $\pm$ 0.152 χ^2 /NDF:15890.4/39

Out: -47.664 $\pm$ 0.154 χ^2 /NDF:17147.4/41

All: -47.355 $\pm$ 0.108 χ^2 /NDF: 33045.7/81

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 20.834 $\pm$ 0.140 χ^2 /NDF:2723.4/23

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 21.069 $\pm$ 0.139 χ^2 /NDF:2176.7/22

Left: 20.953 $\pm$ 0.099 χ^2 /NDF: 4901.5/46

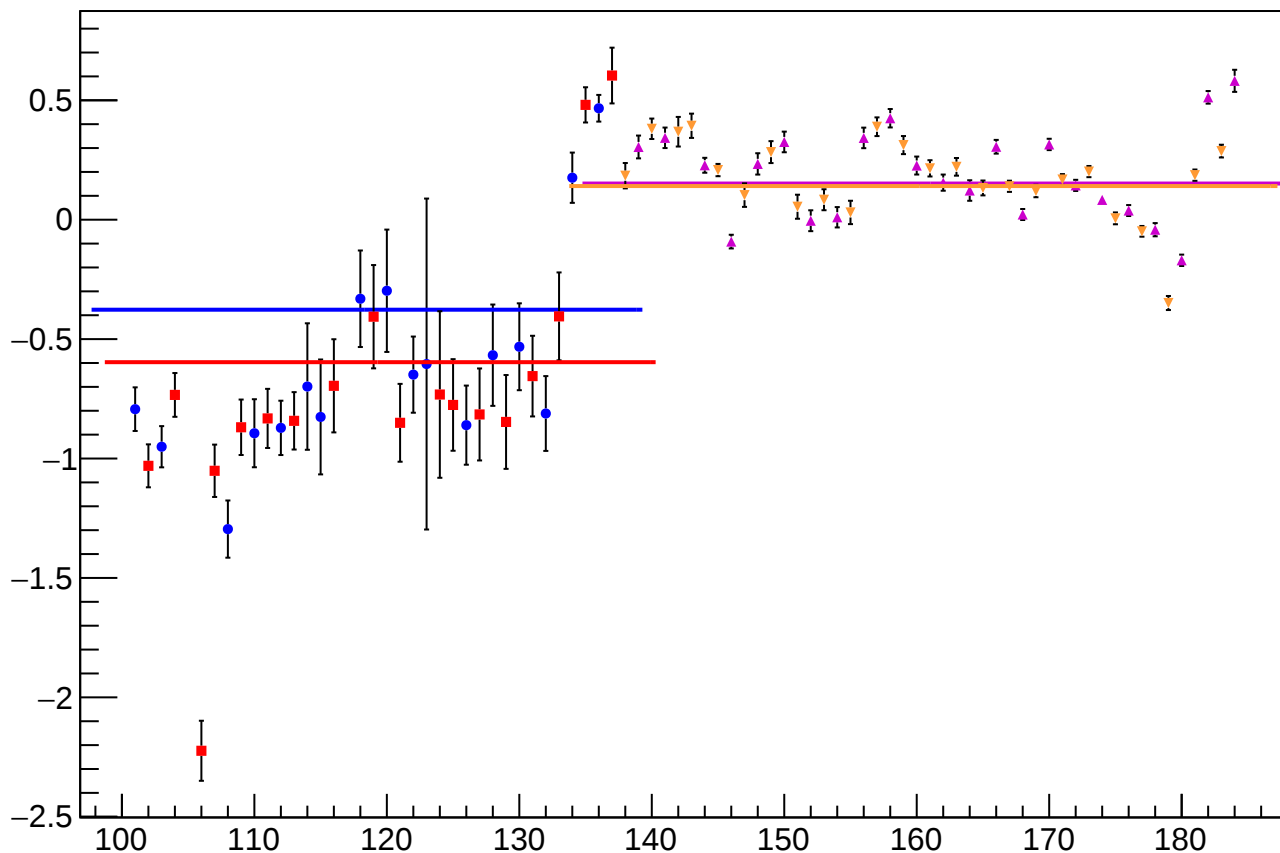
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 21.186 $\pm$ 0.135 χ^2 /NDF:2649.8/39

Out: 20.921 $\pm$ 0.136 χ^2 /NDF:3098.9/41

All: 21.055 $\pm$ 0.096 χ^2 /NDF: 5750.6/81

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.141 ± 0.006 $\chi^2/\text{NDF}: 587.8/23$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

Left: 0.146 ± 0.005 $\chi^2/\text{NDF}: 1463.1/46$

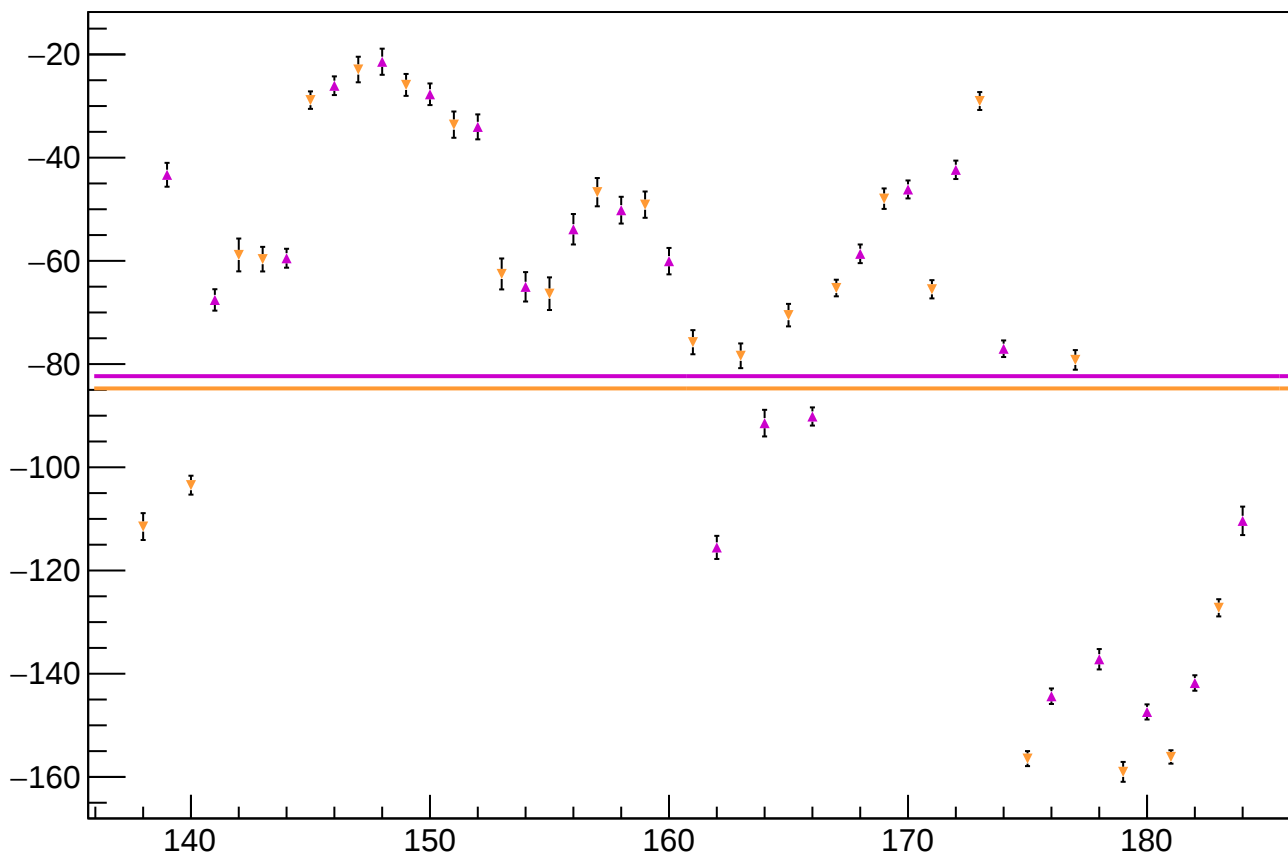
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.129 ± 0.006 $\chi^2/\text{NDF}: 1606.1/39$

Out: 0.109 ± 0.006 $\chi^2/\text{NDF}: 1708.0/41$

All: 0.119 ± 0.004 $\chi^2/\text{NDF}: 3319.0/81$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -84.719 ± 0.410 χ^2/NDF : 13036.2/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

Left: -83.538 ± 0.291 χ^2/NDF : 24007.8/46

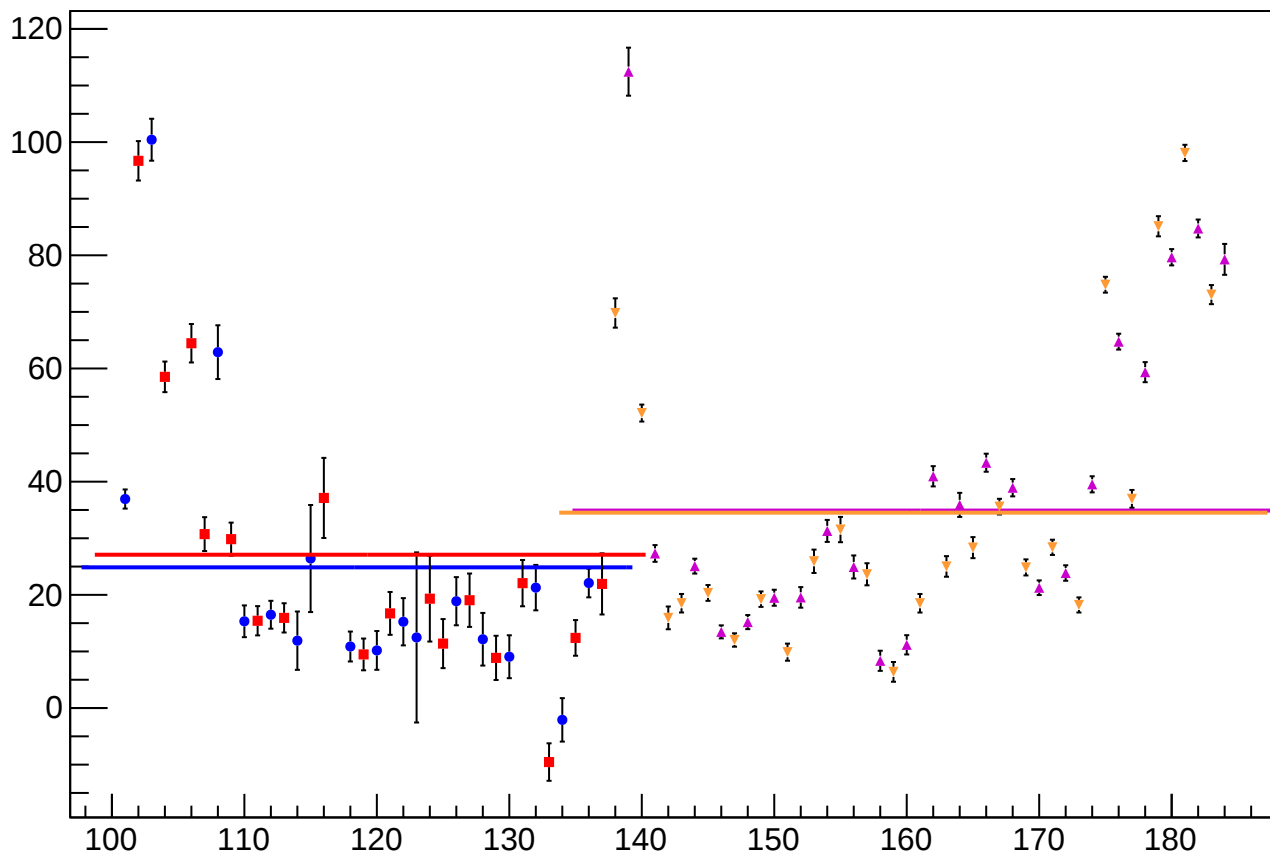
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -82.342 ± 0.413 χ^2/NDF : 10954.9/22

Out: -84.719 ± 0.410 χ^2/NDF : 13036.2/23

All: -83.538 ± 0.291 χ^2/NDF : 24007.8/46

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 34.523 $\pm$ 0.323 χ^2 /NDF: 6140.6/23

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 34.893 $\pm$ 0.328 χ^2 /NDF: 4754.6/22

Left: 34.705 $\pm$ 0.230 χ^2 /NDF: 10895.8/46

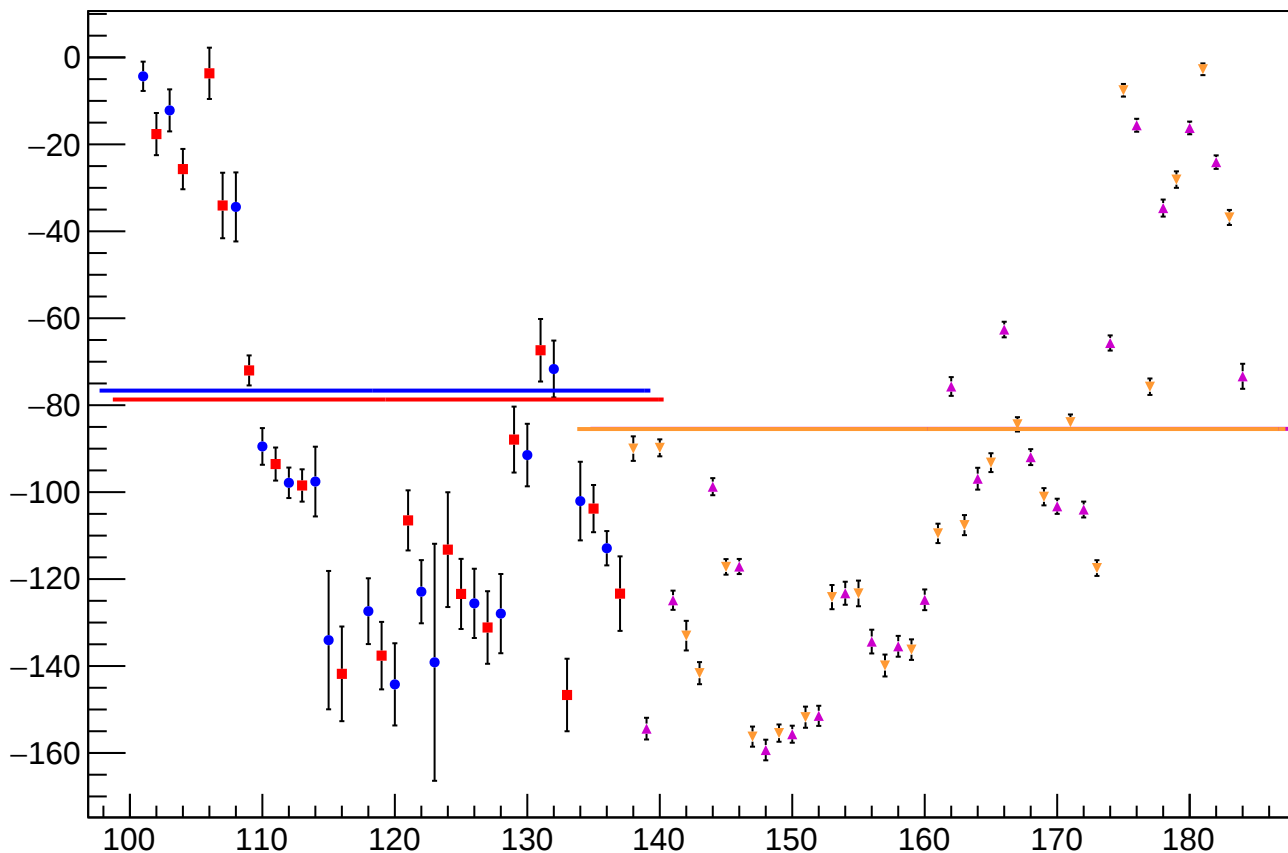
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 33.454 $\pm$ 0.304 χ^2 /NDF: 5579.6/39

Out: 33.509 $\pm$ 0.300 χ^2 /NDF: 7143.9/41

All: 33.482 $\pm$ 0.213 χ^2 /NDF: 12723.5/81

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -85.484 ± 0.412 χ^2/NDF : 14145.4/23

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

Left: -85.463 ± 0.292 χ^2/NDF : 27144.2/46

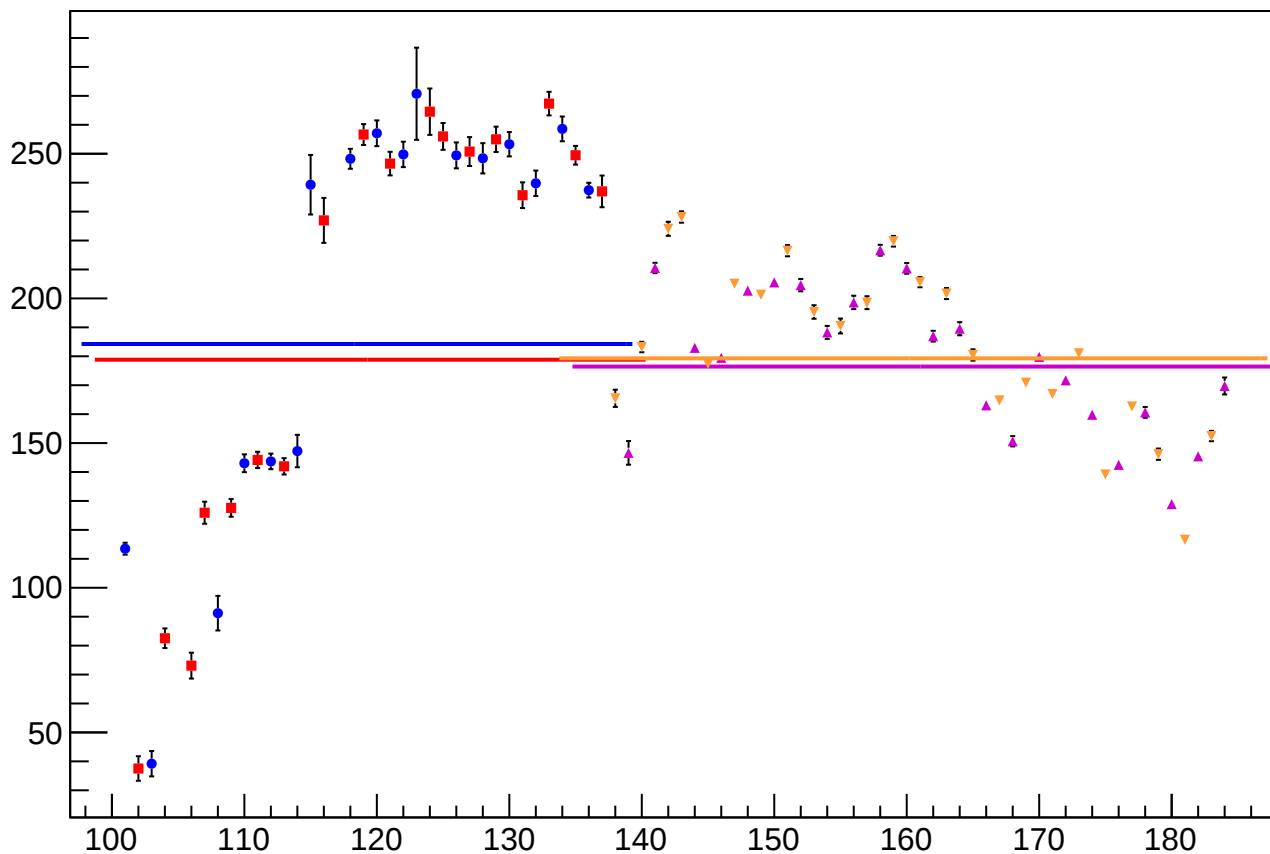
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -84.749 ± 0.397 χ^2/NDF : 14075.2/39

Out: -84.913 ± 0.395 χ^2/NDF : 15004.6/41

All: -84.832 ± 0.280 χ^2/NDF : 29080.0/81

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 179.290 $\pm$ 0.365 χ^2 /NDF: 5984.1/23

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

Left: 177.887 $\pm$ 0.260 χ^2 /NDF: 10456.1/46

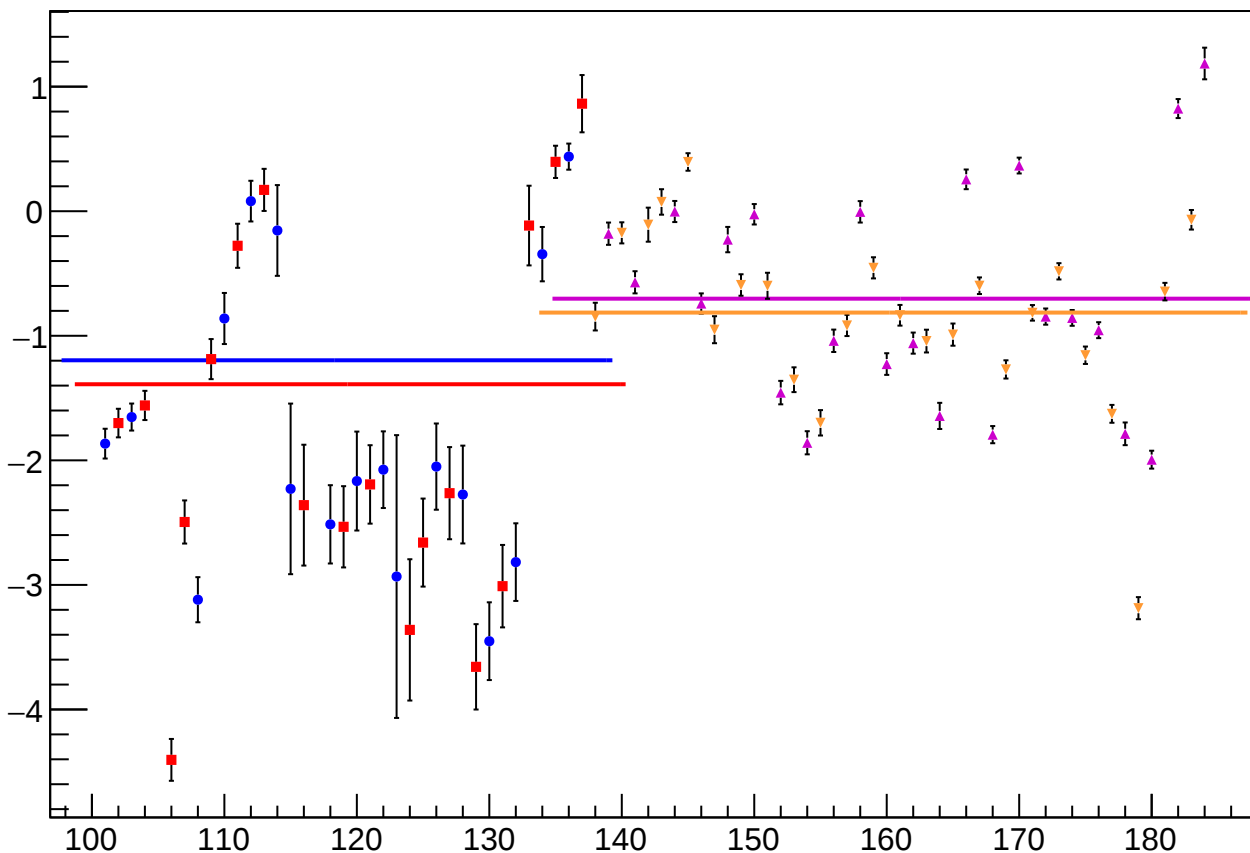
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 177.542 $\pm$ 0.343 χ^2 /NDF: 9893.1/39

Out: 179.227 $\pm$ 0.340 χ^2 /NDF: 12155.3/41

All: 178.392 $\pm$ 0.241 χ^2 /NDF: 22060.5/81

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.814 ± 0.017 χ^2/NDF : 1640.1/23

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

Left: -0.758 ± 0.012 χ^2/NDF : 4083.5/46

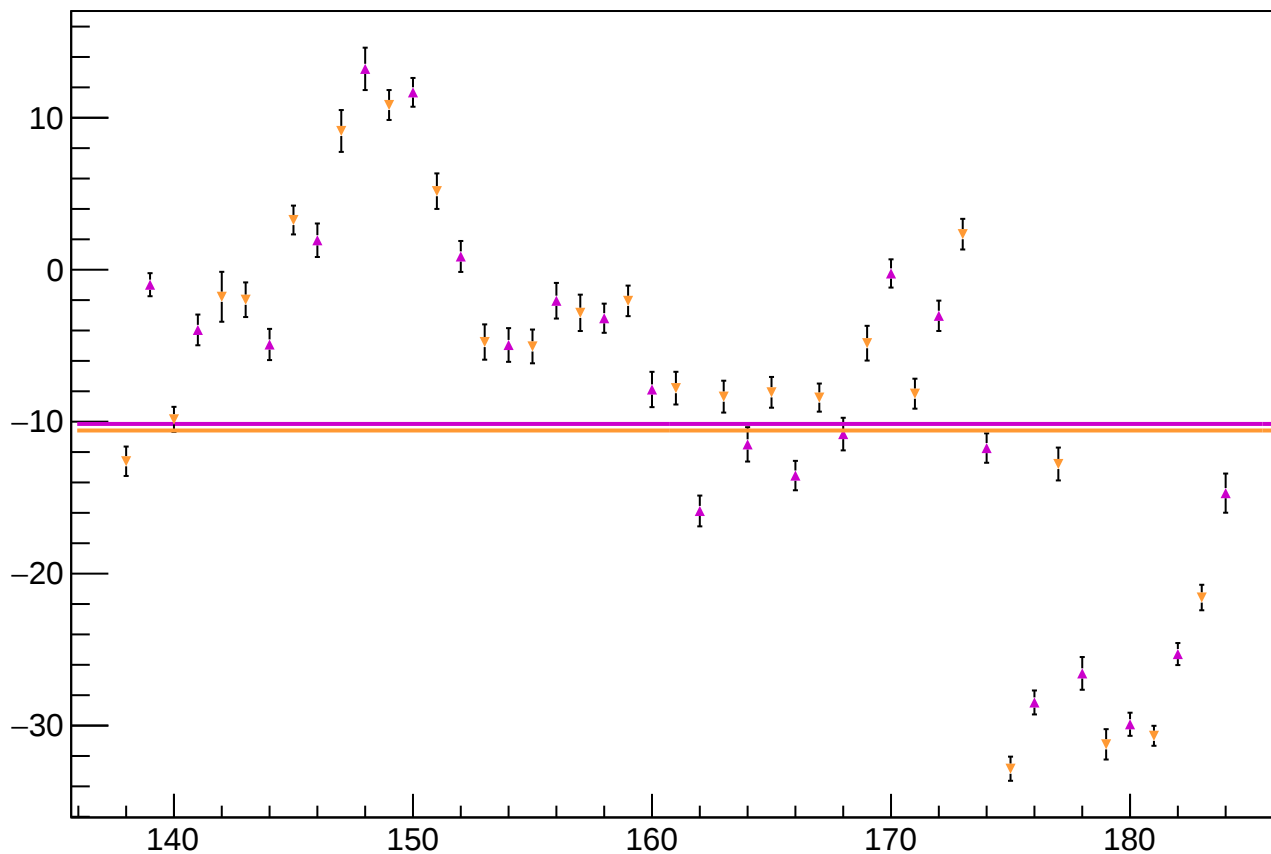
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.756 ± 0.016 χ^2/NDF : 3136.9/39

Out: -0.881 ± 0.016 χ^2/NDF : 2700.0/41

All: -0.819 ± 0.011 χ^2/NDF : 5868.2/81

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Left: -10.365+/-0.144 χ^2/NDF : 7360.3/46

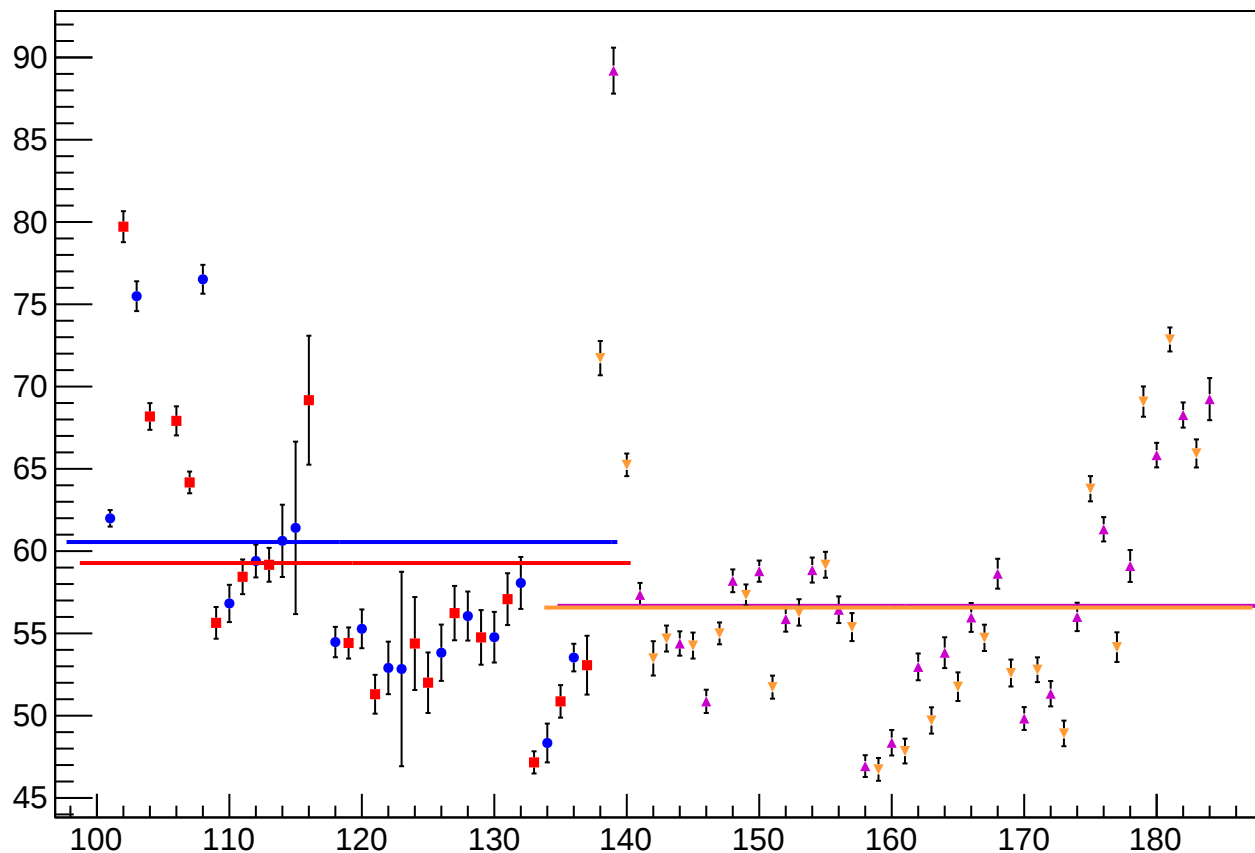
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Out: -10.580+/-0.203 χ^2/NDF :3866.3/23

All: -10.365+/-0.144 χ^2/NDF : 7360.3/46

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.571 ± 0.160 $\chi^2/\text{NDF}: 1953.5/23$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 56.674 ± 0.165 $\chi^2/\text{NDF}: 1679.8/22$

Left: 56.621 ± 0.115 $\chi^2/\text{NDF}: 3633.5/46$

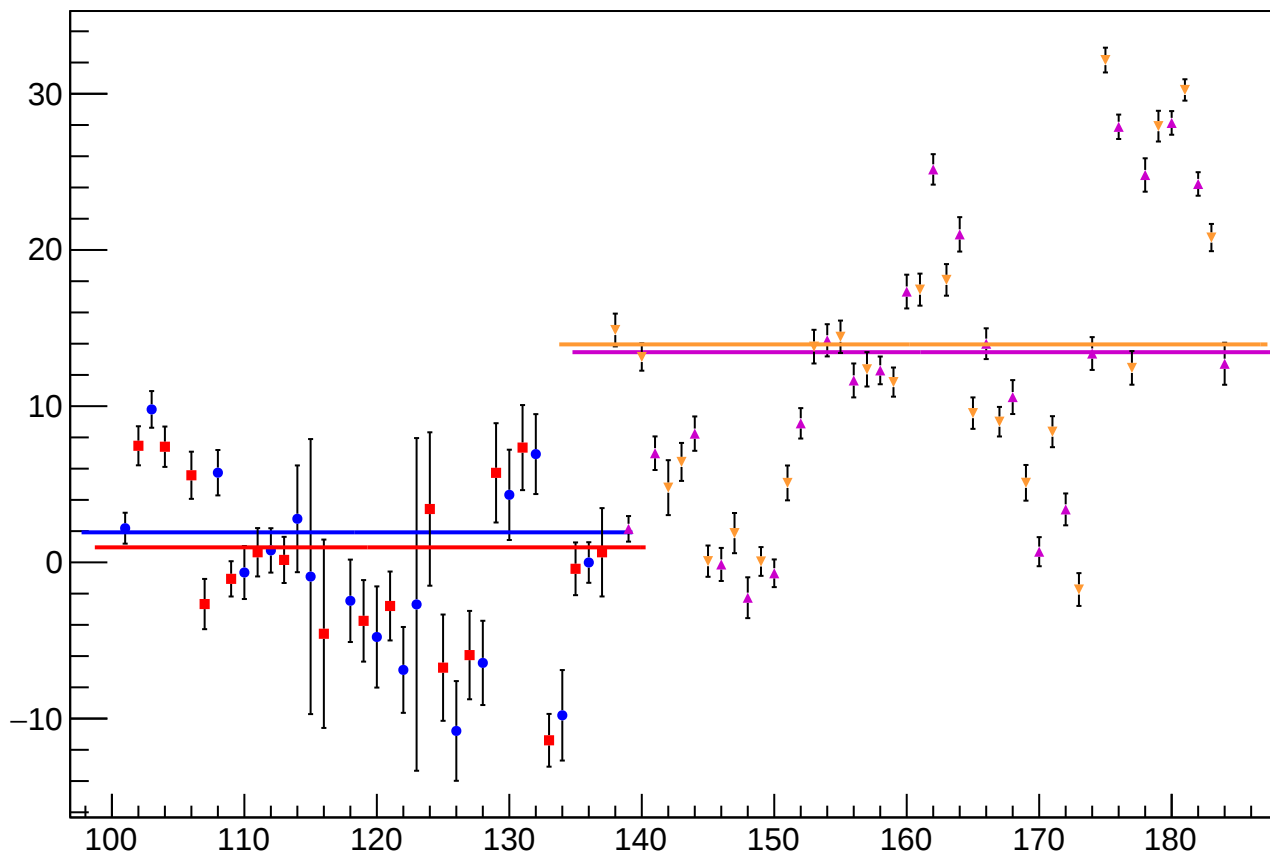
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 57.774 ± 0.139 $\chi^2/\text{NDF}: 2768.0/39$

Out: 57.362 ± 0.135 $\chi^2/\text{NDF}: 3311.9/41$

All: 57.561 ± 0.097 $\chi^2/\text{NDF}: 6084.4/81$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 13.955 ± 0.203 $\chi^2/\text{NDF}: 2396.1/23$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 13.456 ± 0.203 $\chi^2/\text{NDF}: 2371.9/22$

Left: 13.705 ± 0.144 $\chi^2/\text{NDF}: 4771.0/46$

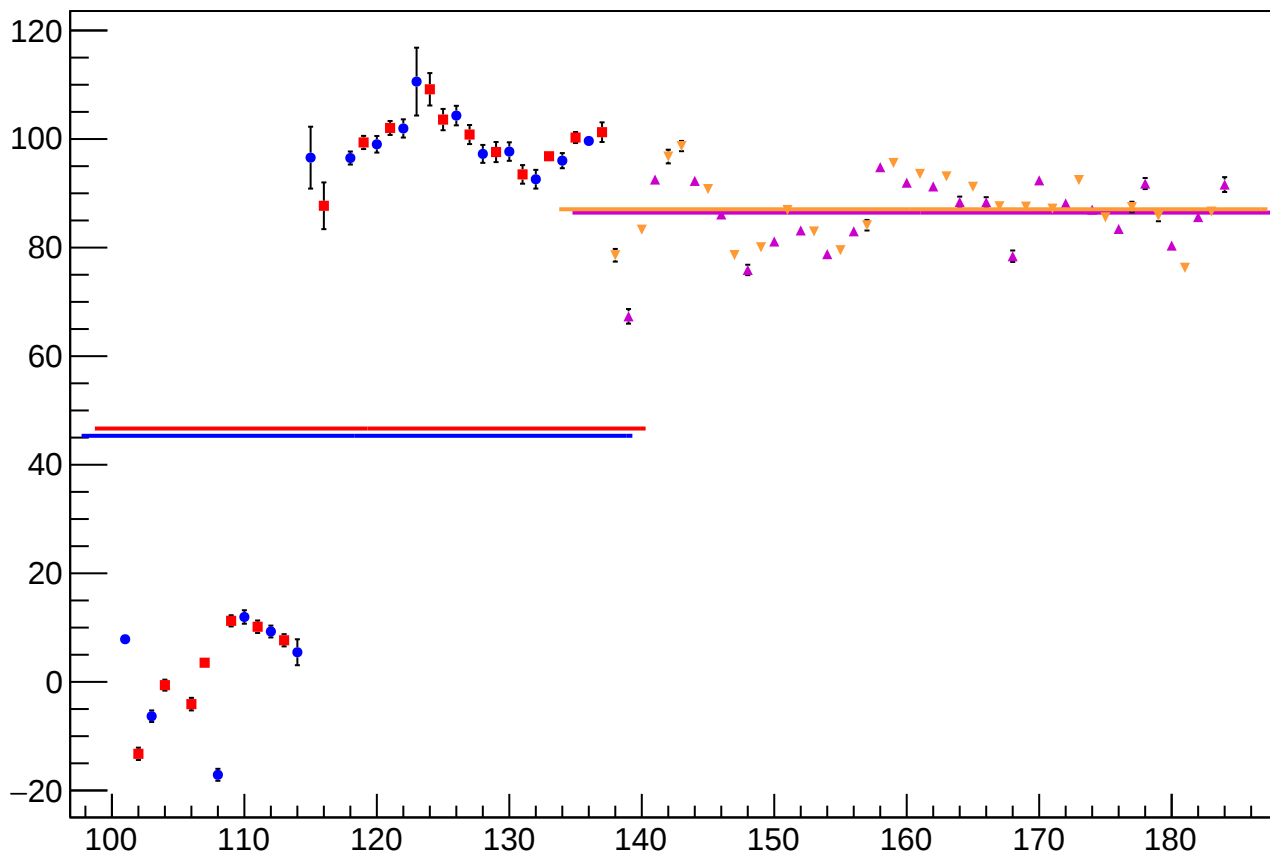
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 11.563 ± 0.186 $\chi^2/\text{NDF}: 3022.3/39$

Out: 11.580 ± 0.184 $\chi^2/\text{NDF}: 3293.5/41$

All: 11.572 ± 0.131 $\chi^2/\text{NDF}: 6315.8/81$

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: 87.058 $\pm$ 0.181 χ^2 /NDF:1084.4/23

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

Left: 86.757 $\pm$ 0.129 χ^2 /NDF: 2128.7/46

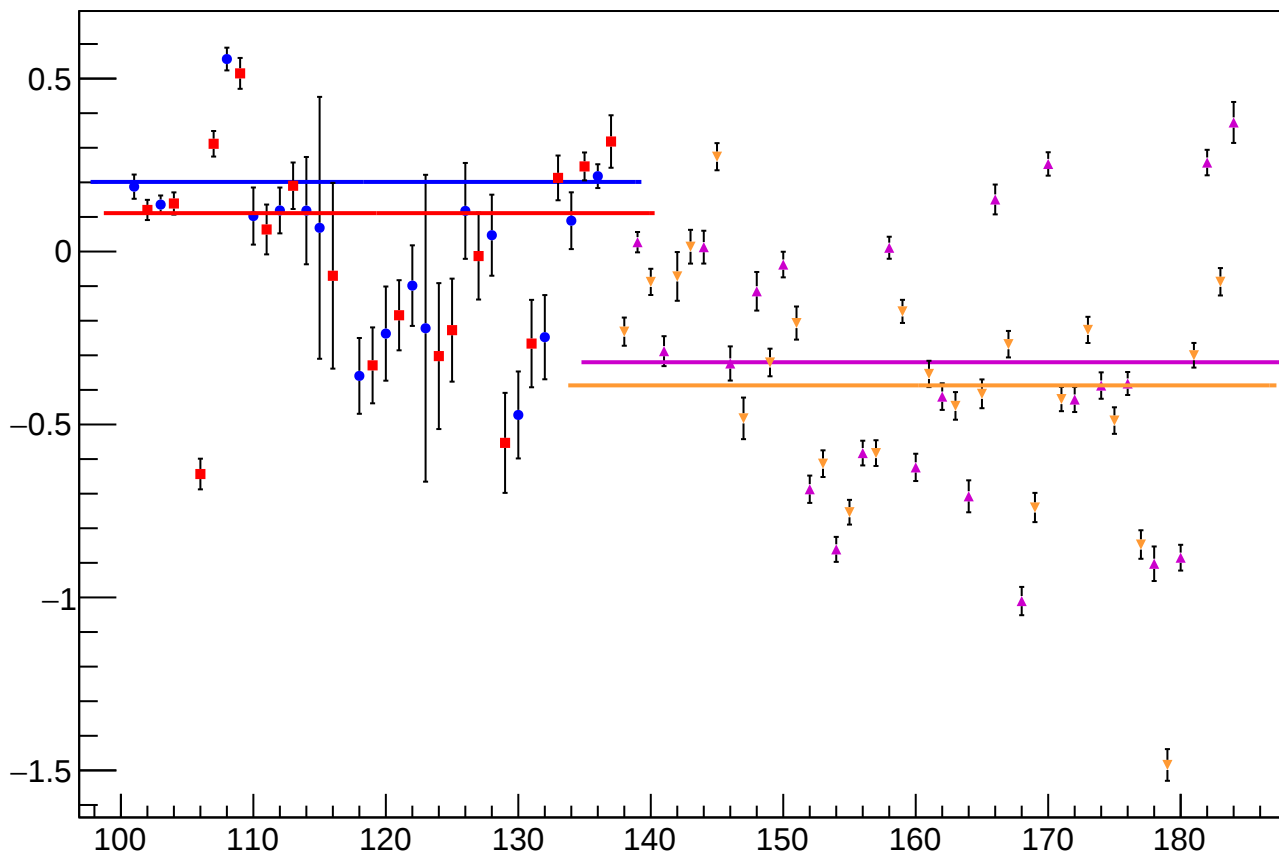
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 75.399 $\pm$ 0.157 χ^2 /NDF:39457.3/39

Out: 75.824 $\pm$ 0.153 χ^2 /NDF:42906.0/41

All: 75.617 $\pm$ 0.110 χ^2 /NDF: 82367.0/81

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.387 ± 0.008 χ^2/NDF : 1546.1/23

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

Left: -0.353 ± 0.006 χ^2/NDF : 3904.5/46

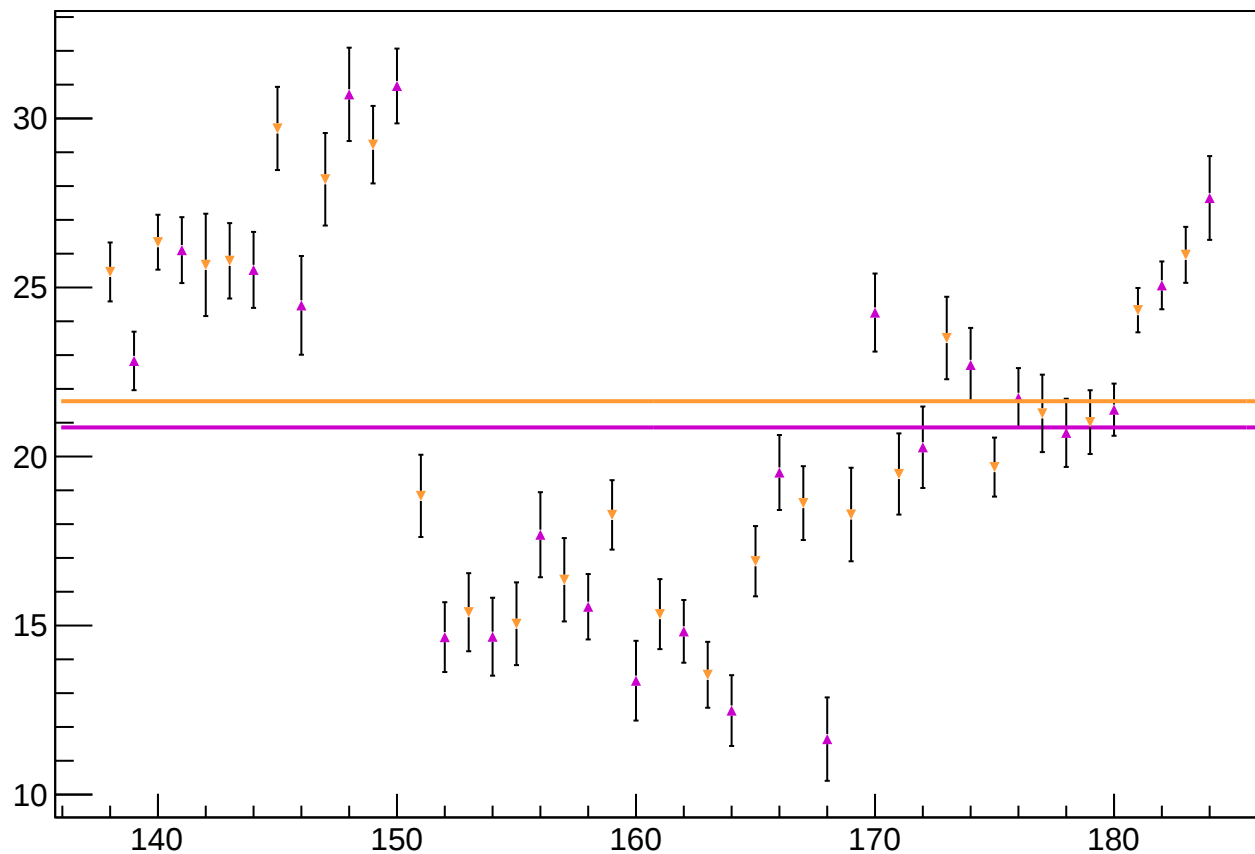
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.189 ± 0.007 χ^2/NDF : 3573.4/39

Out: -0.247 ± 0.007 χ^2/NDF : 3064.4/41

All: -0.218 ± 0.005 χ^2/NDF : 6672.8/81

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Left: 21.256 $\pm$ 0.151 χ^2 /NDF: 1053.7/46

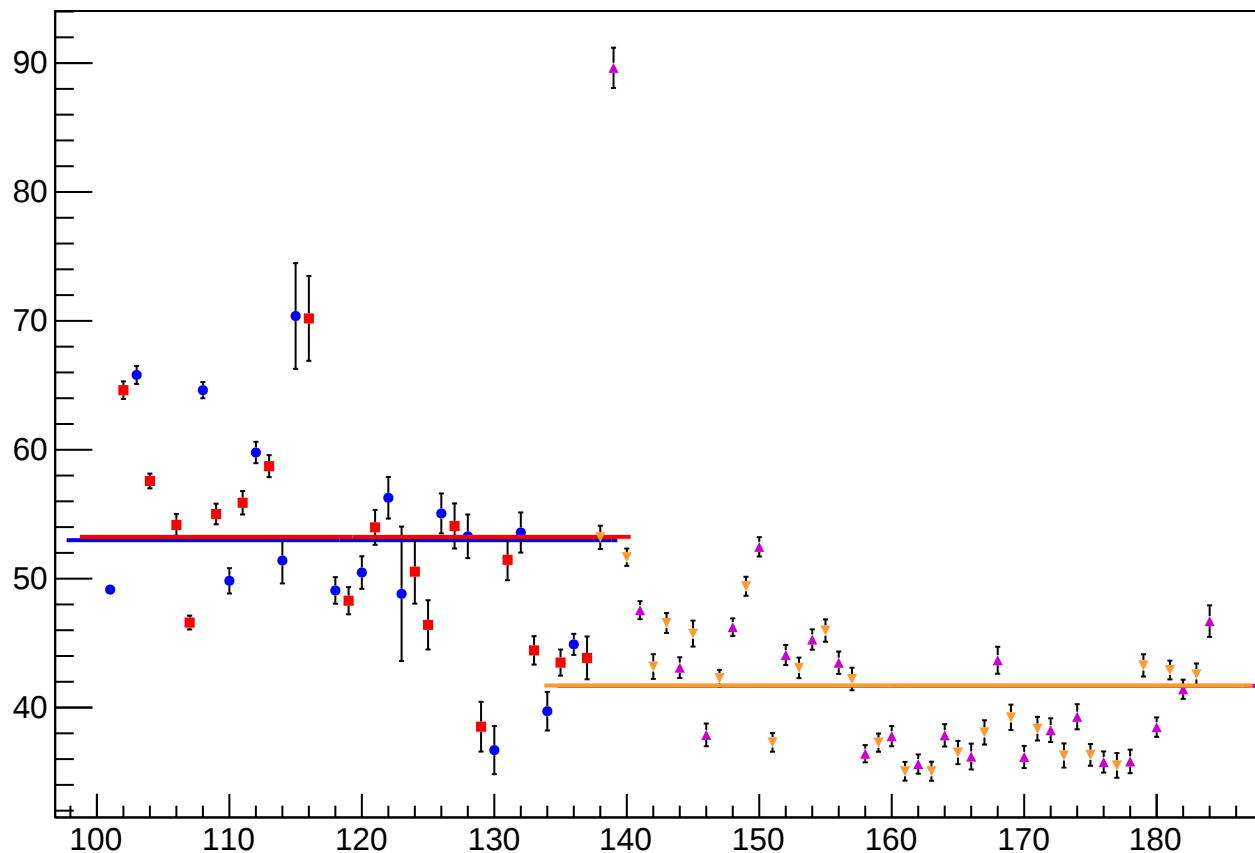
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Out: 21.636 $\pm$ 0.212 χ^2 /NDF:471.6/23

All: 21.256 $\pm$ 0.151 χ^2 /NDF: 1053.7/46

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.710 $\pm$ 0.166 χ^2 /NDF:1010.2/23

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

Left: 41.697 $\pm$ 0.120 χ^2 /NDF: 2726.1/46

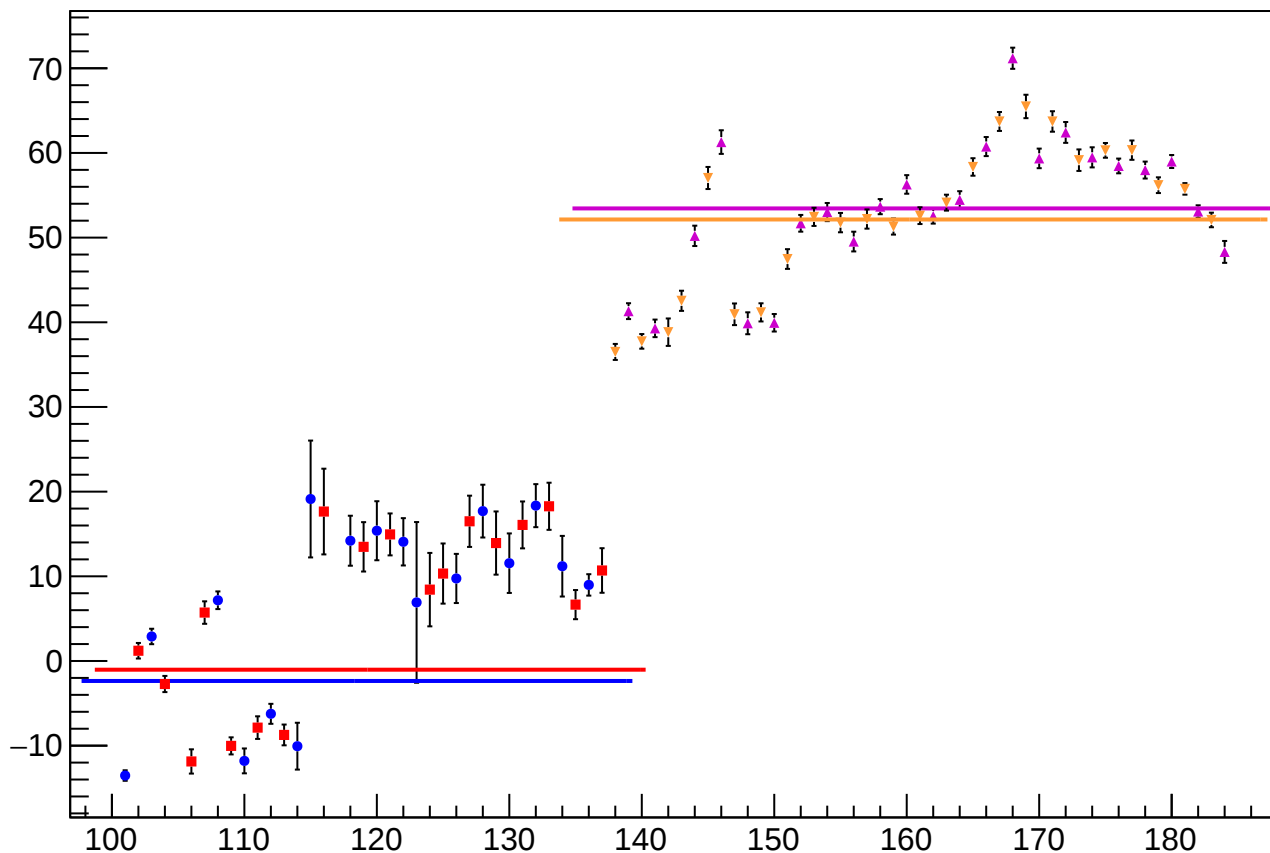
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 46.257 $\pm$ 0.134 χ^2 /NDF:4633.1/39

Out: 45.735 $\pm$ 0.134 χ^2 /NDF:3543.3/41

All: 45.997 $\pm$ 0.095 χ^2 /NDF: 8183.9/81

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.141 ± 0.212 χ^2/NDF : 1446.1/23

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

Left: 52.785 ± 0.151 χ^2/NDF : 2632.5/46

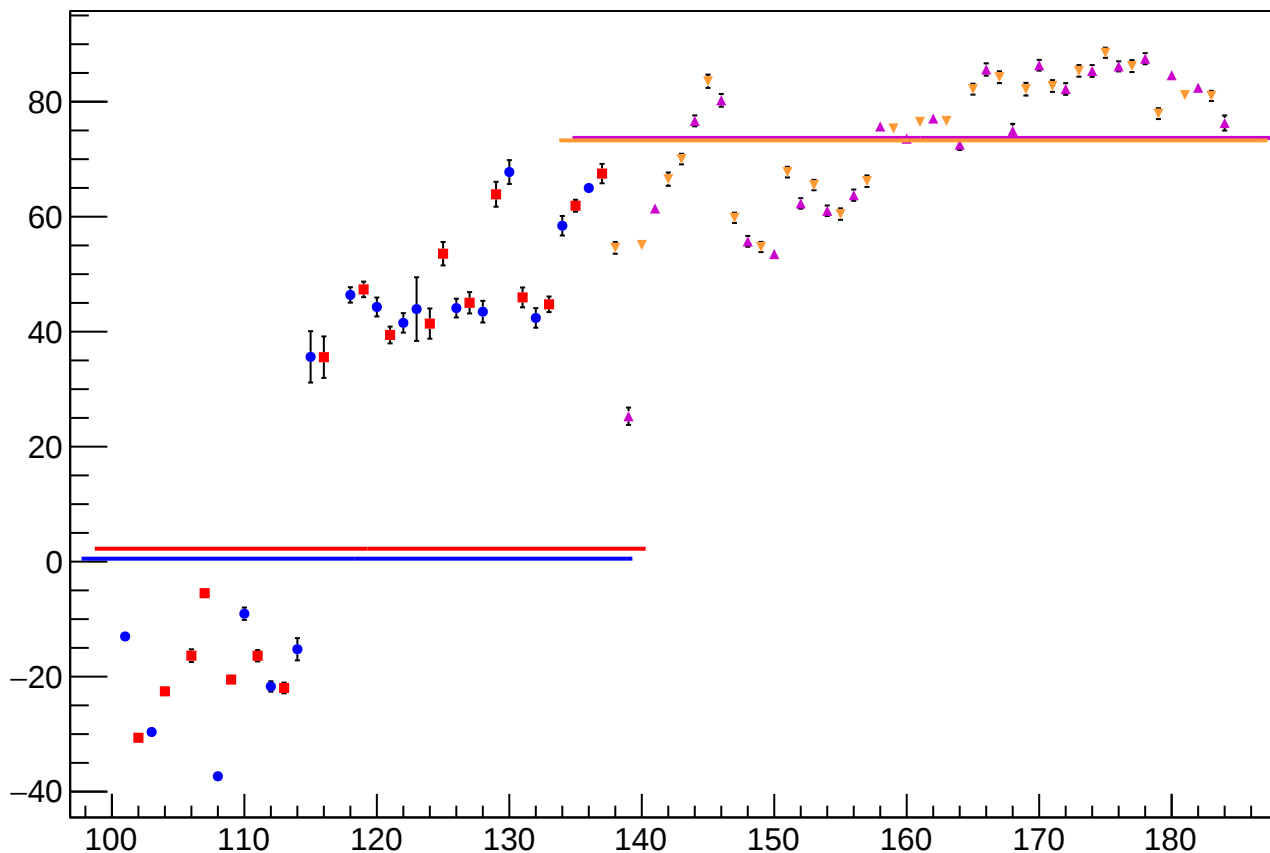
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 39.078 ± 0.185 χ^2/NDF : 19446.2/39

Out: 39.570 ± 0.185 χ^2/NDF : 16882.5/41

All: 39.324 ± 0.131 χ^2/NDF : 36332.2/81

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 73.266+/-0.188 χ^2/NDF : 3144.7/23

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 73.699+/-0.194 χ^2/NDF : 3901.1/22

Left: 73.476+/-0.135 χ^2/NDF : 7048.3/46

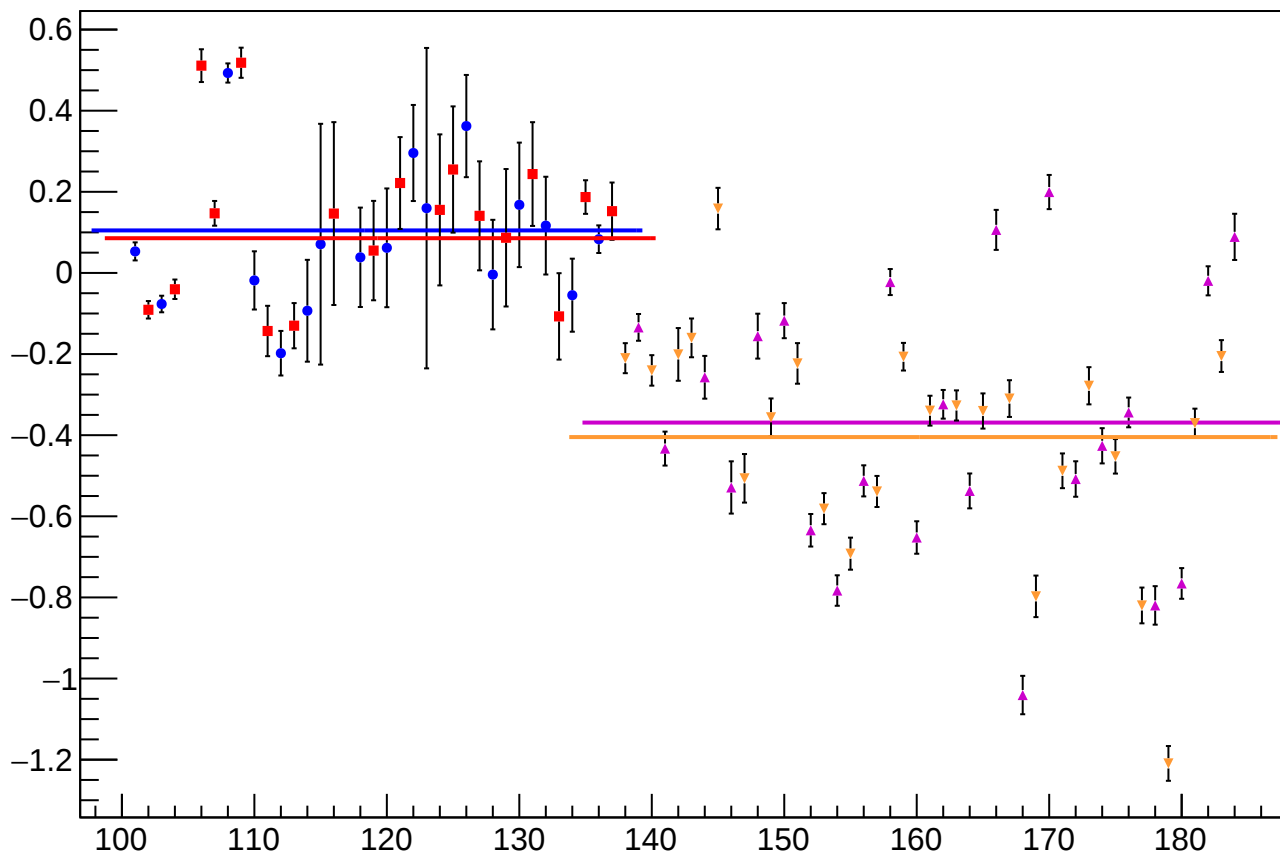
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 45.793+/-0.152 χ^2/NDF : 76627.2/39

Out: 49.742+/-0.154 χ^2/NDF : 65695.4/41

All: 47.750+/-0.108 χ^2/NDF : 142654.9/81

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.405 ± 0.009 $\chi^2/\text{NDF}: 894.8/23$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

Left: -0.387 ± 0.006 $\chi^2/\text{NDF}: 2226.1/46$

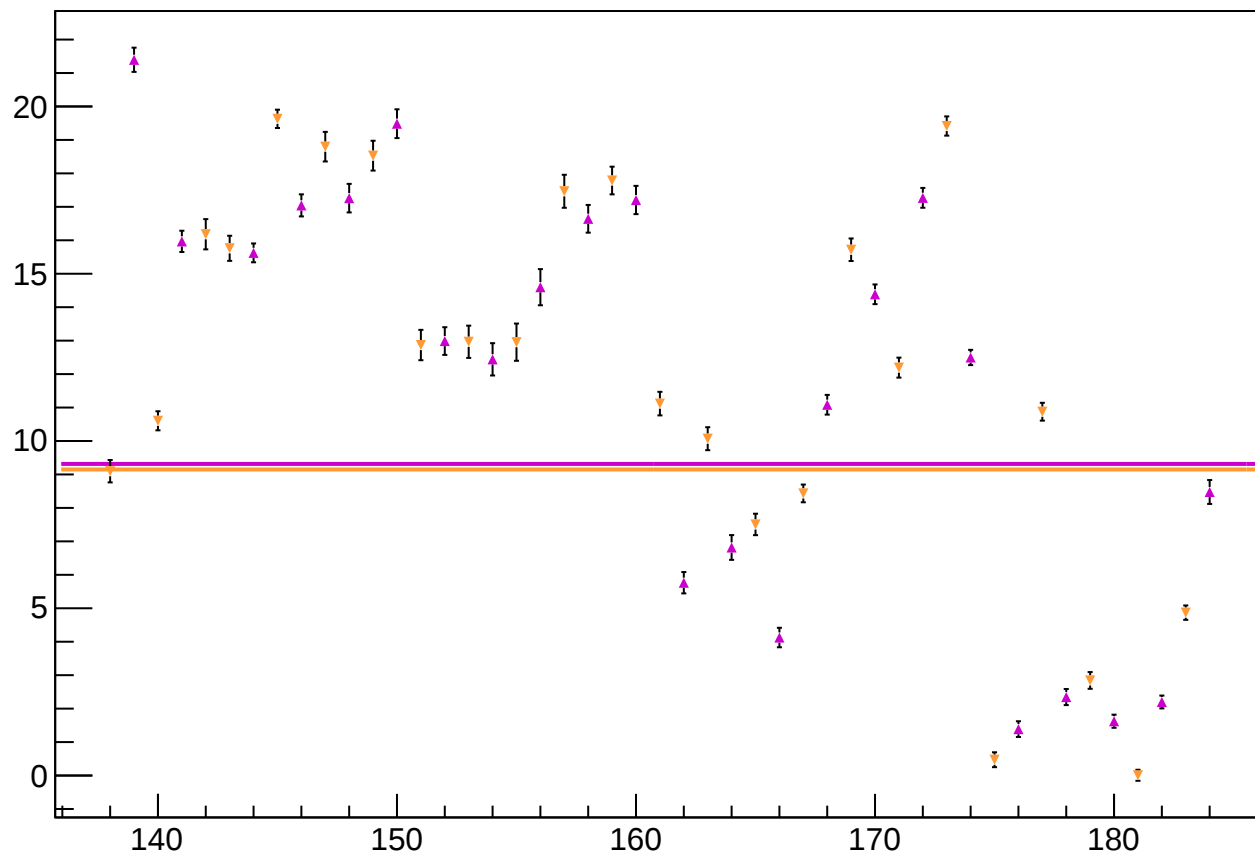
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.188 ± 0.007 $\chi^2/\text{NDF}: 2864.3/39$

Out: -0.220 ± 0.007 $\chi^2/\text{NDF}: 2501.4/41$

All: -0.204 ± 0.005 $\chi^2/\text{NDF}: 5376.2/81$

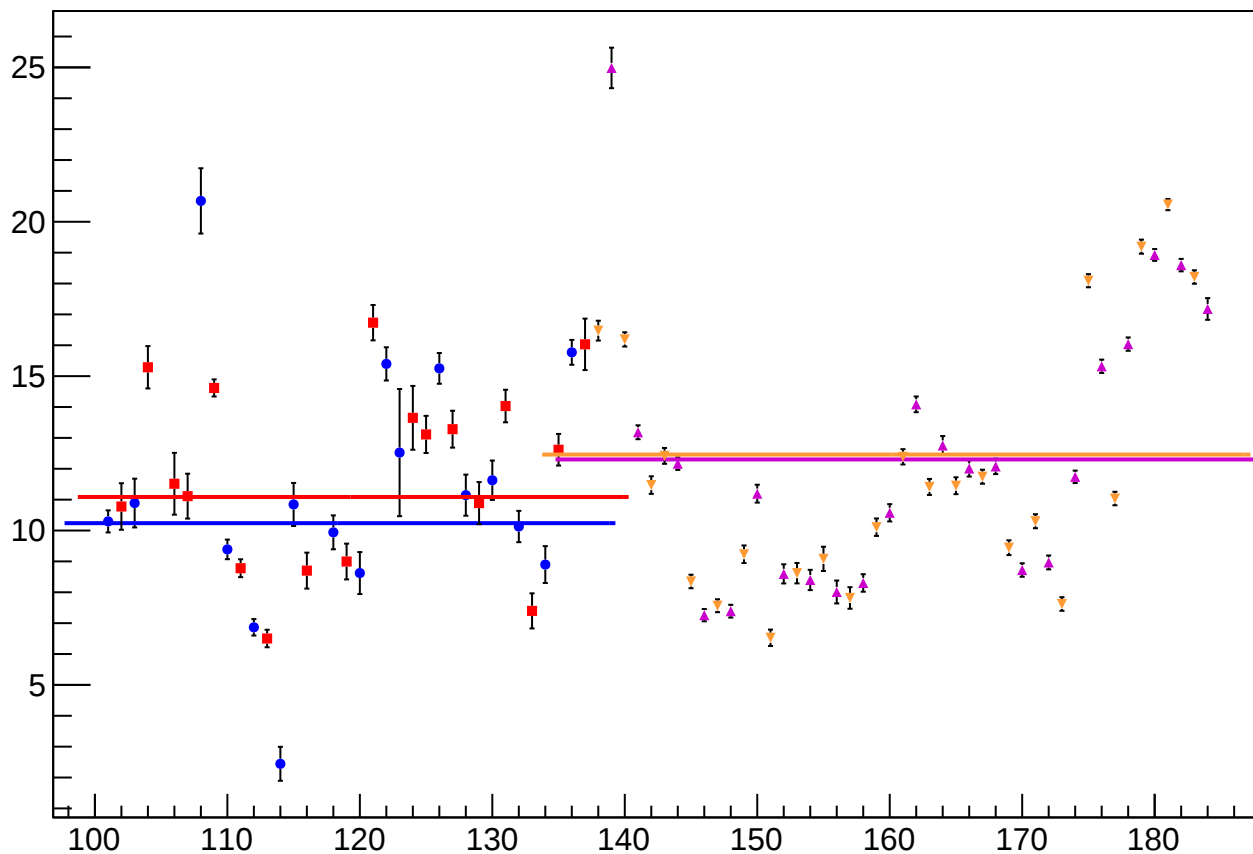
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.315+/-0.063 χ^2/NDF :11007.3/22

Left: 9.231+/-0.044 χ^2/NDF : 22358.8/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.315+/-0.063 χ^2/NDF :11007.3/22
 Out: 9.149+/-0.062 χ^2/NDF :11348.0/23
 All: 9.231+/-0.044 χ^2/NDF : 22358.8/46

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 12.460 ± 0.050 $\chi^2/\text{NDF}: 7464.5/23$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 12.302 ± 0.051 $\chi^2/\text{NDF}: 5661.3/22$

Left: 12.382 ± 0.036 $\chi^2/\text{NDF}: 13130.6/46$

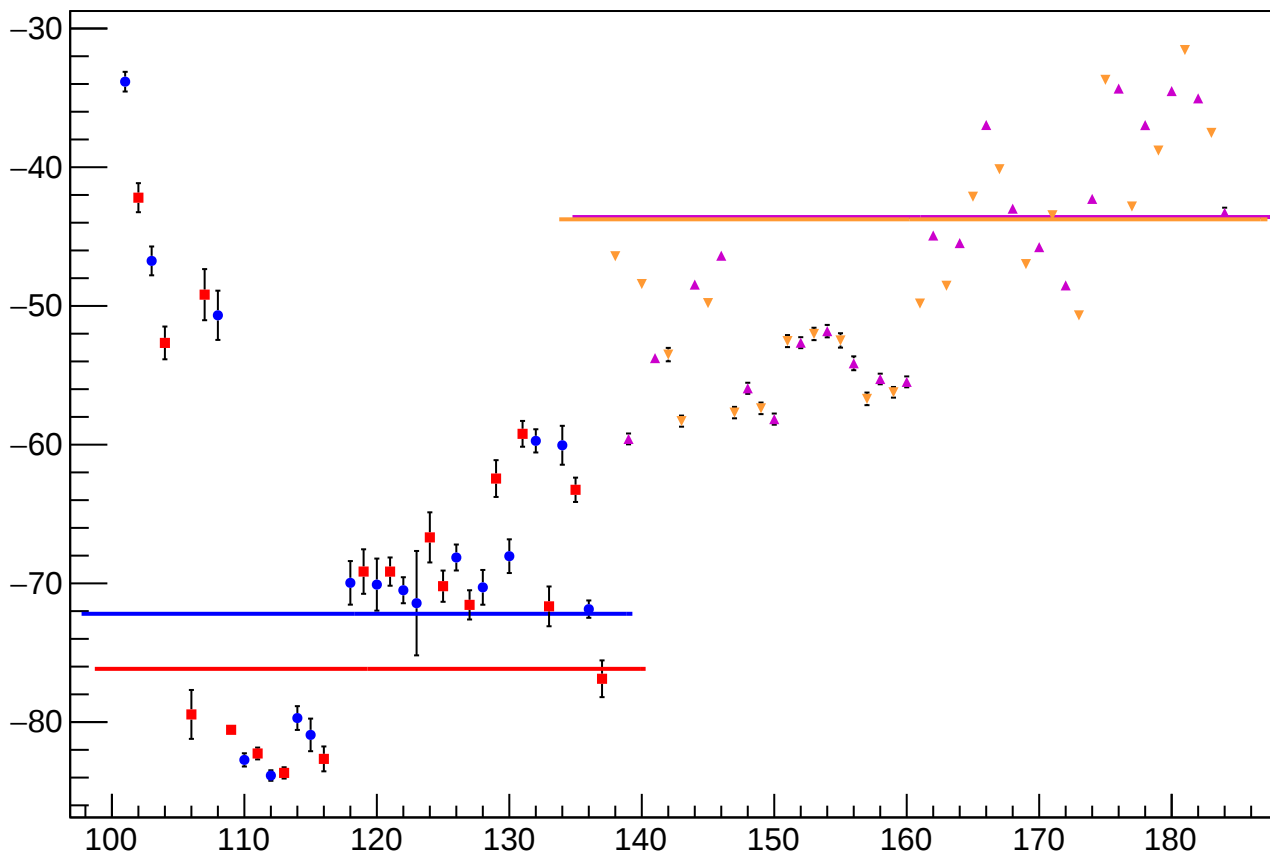
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 11.982 ± 0.047 $\chi^2/\text{NDF}: 6782.1/39$

Out: 12.245 ± 0.046 $\chi^2/\text{NDF}: 8382.8/41$

All: 12.116 ± 0.033 $\chi^2/\text{NDF}: 15180.9/81$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -43.756 ± 0.063 $\chi^2/\text{NDF}: 17190.6/23$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

Left: -43.674 ± 0.044 $\chi^2/\text{NDF}: 32768.9/46$

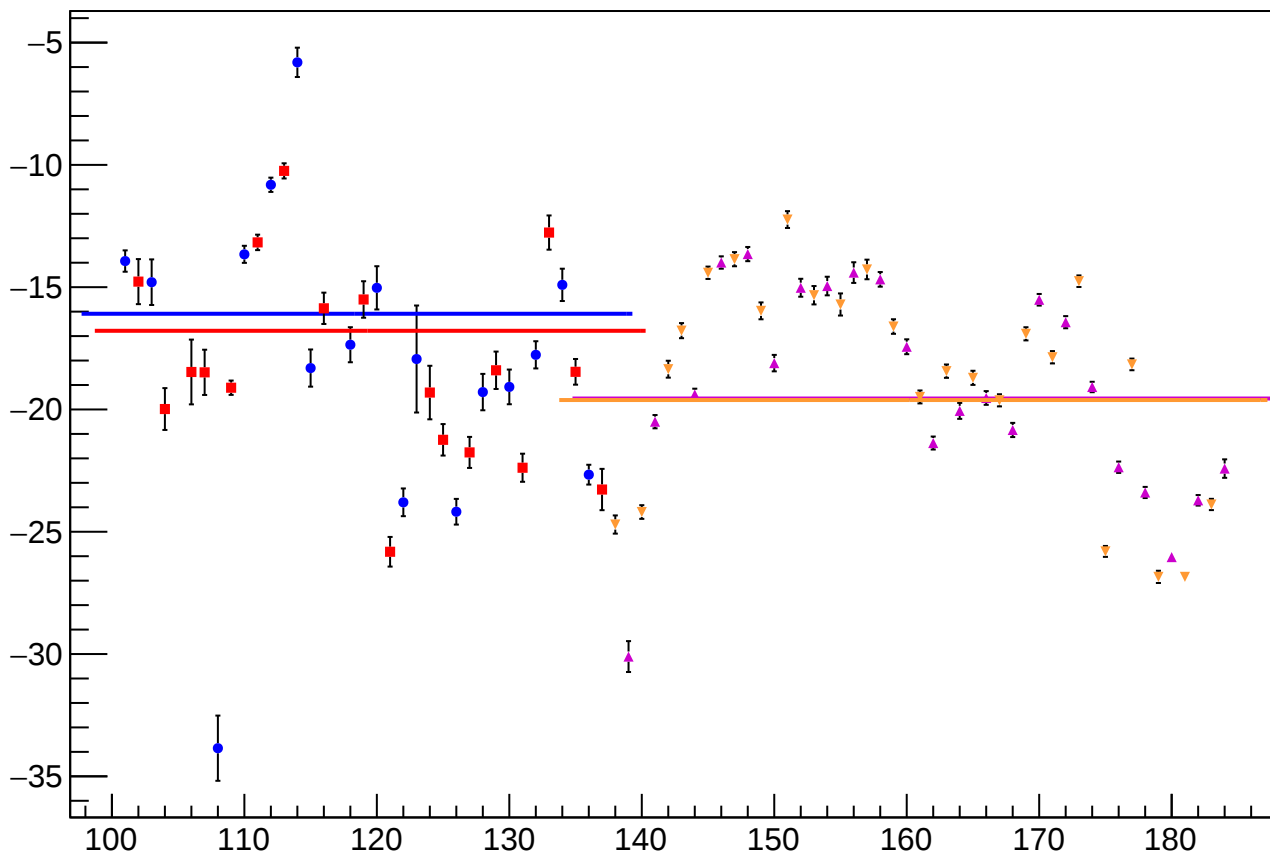
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -46.223 ± 0.060 $\chi^2/\text{NDF}: 40057.7/39$

Out: -47.212 ± 0.059 $\chi^2/\text{NDF}: 48975.4/41$

All: -46.725 ± 0.042 $\chi^2/\text{NDF}: 89170.7/81$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -19.615 ± 0.056 $\chi^2/\text{NDF}: 6384.9/23$
 Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$
 Left In: -19.552 ± 0.057 $\chi^2/\text{NDF}: 4359.1/22$

Left: -19.584 ± 0.040 $\chi^2/\text{NDF}: 10744.5/46$

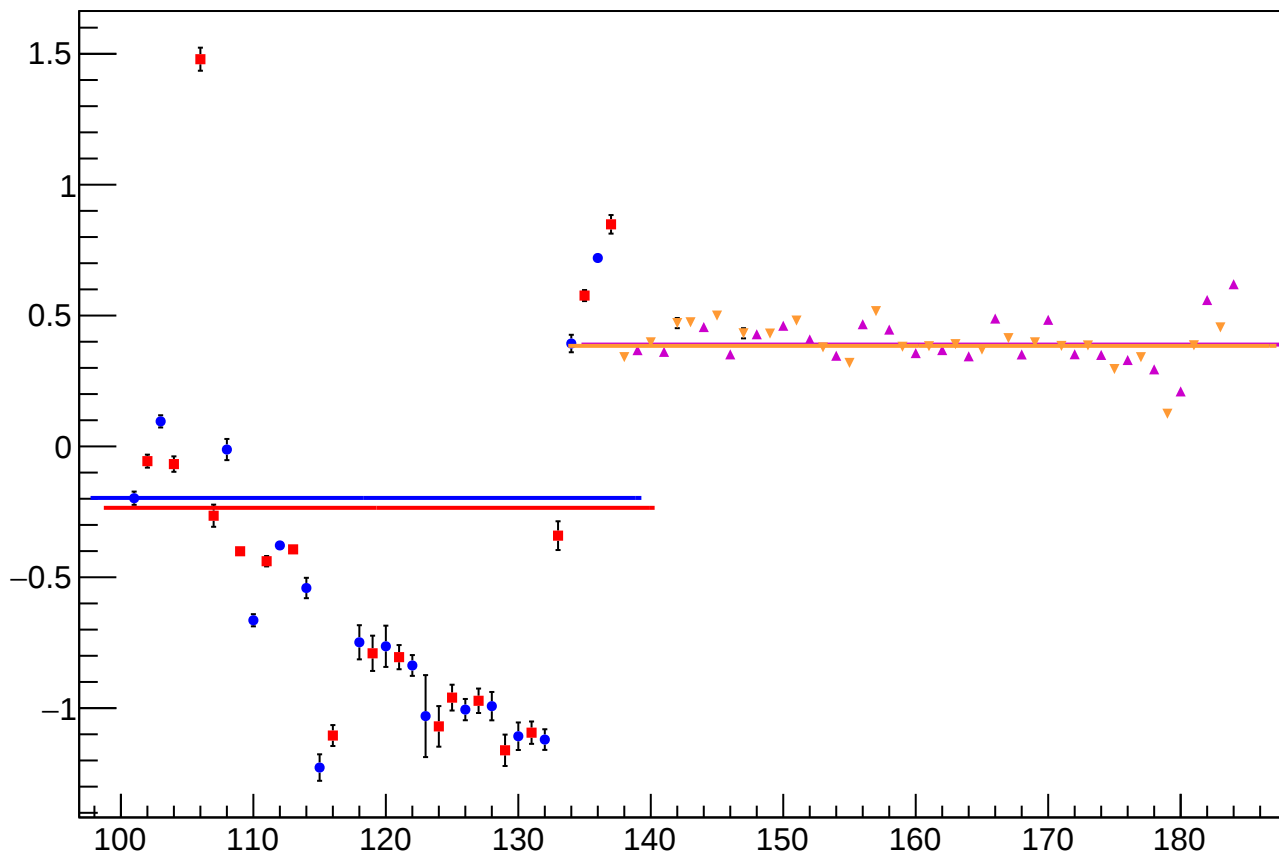
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -19.008 ± 0.052 $\chi^2/\text{NDF}: 6558.2/39$

Out: -19.156 ± 0.052 $\chi^2/\text{NDF}: 7997.8/41$

All: -19.083 ± 0.037 $\chi^2/\text{NDF}: 14560.1/81$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.384 ± 0.003 χ^2/NDF : 951.9/23

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

Left: 0.387 ± 0.002 χ^2/NDF : 2210.7/46

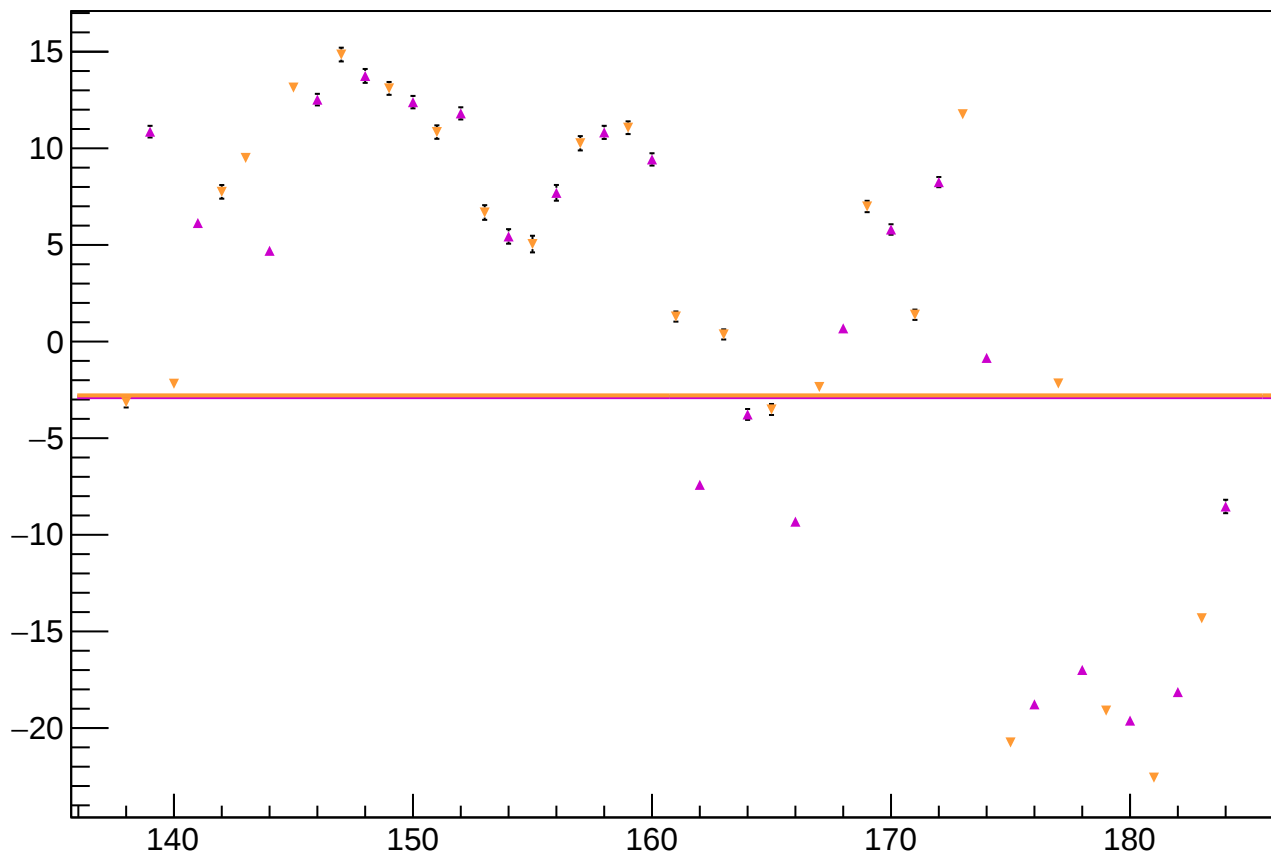
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.327 ± 0.002 χ^2/NDF : 12970.4/39

Out: 0.313 ± 0.002 χ^2/NDF : 13711.9/41

All: 0.320 ± 0.002 χ^2/NDF : 26698.3/81

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Left: -2.829+/-0.038 χ^2/NDF : 100249.1/46

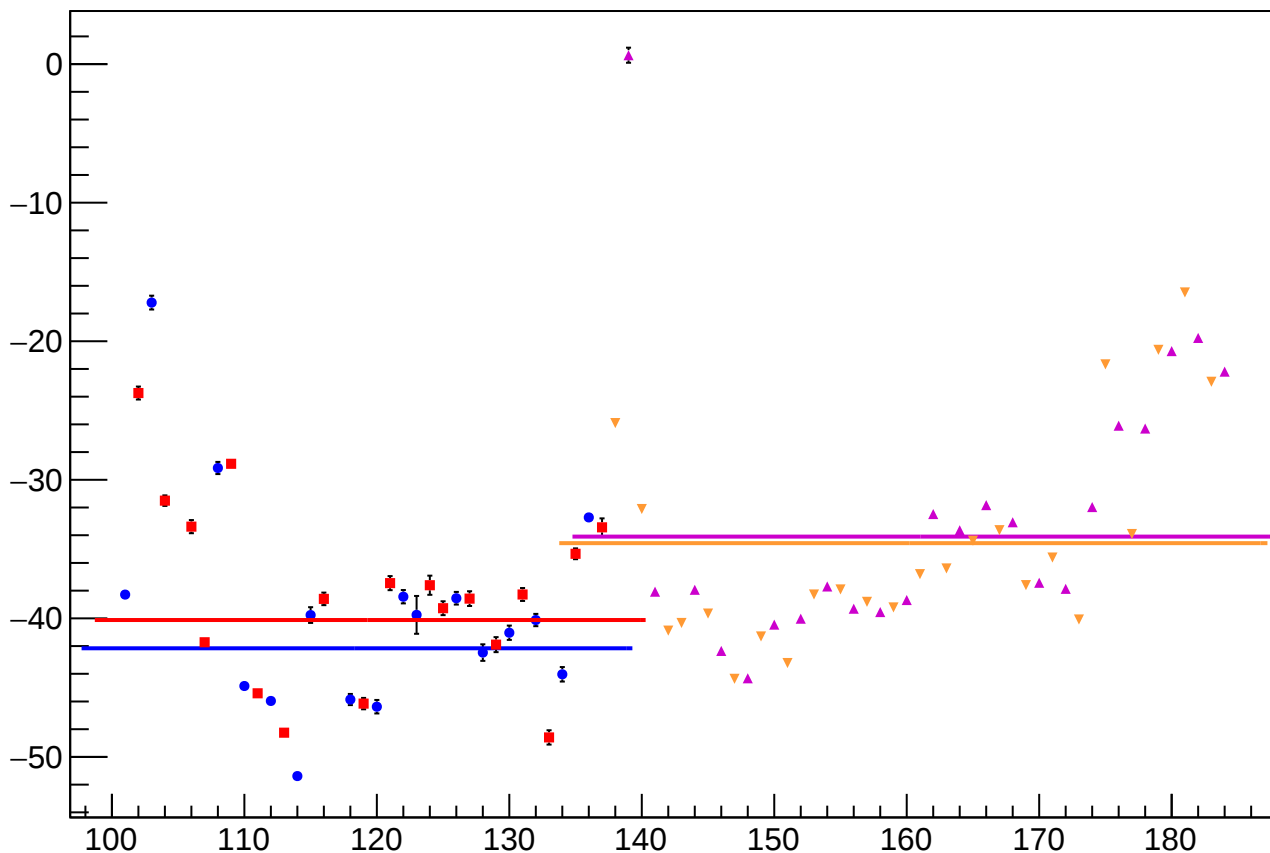
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Out: -2.785+/-0.053 χ^2/NDF : 53866.7/23

All: -2.829+/-0.038 χ^2/NDF : 100249.1/46

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: -34.572 ± 0.042 $\chi^2/\text{NDF}: 34483.2/23$

Right Out: -40.120 ± 0.073 $\chi^2/\text{NDF}: 10884.6/17$

Left In: -34.099 ± 0.044 $\chi^2/\text{NDF}: 29370.6/22$

Left: -34.345 ± 0.030 $\chi^2/\text{NDF}: 63914.4/46$

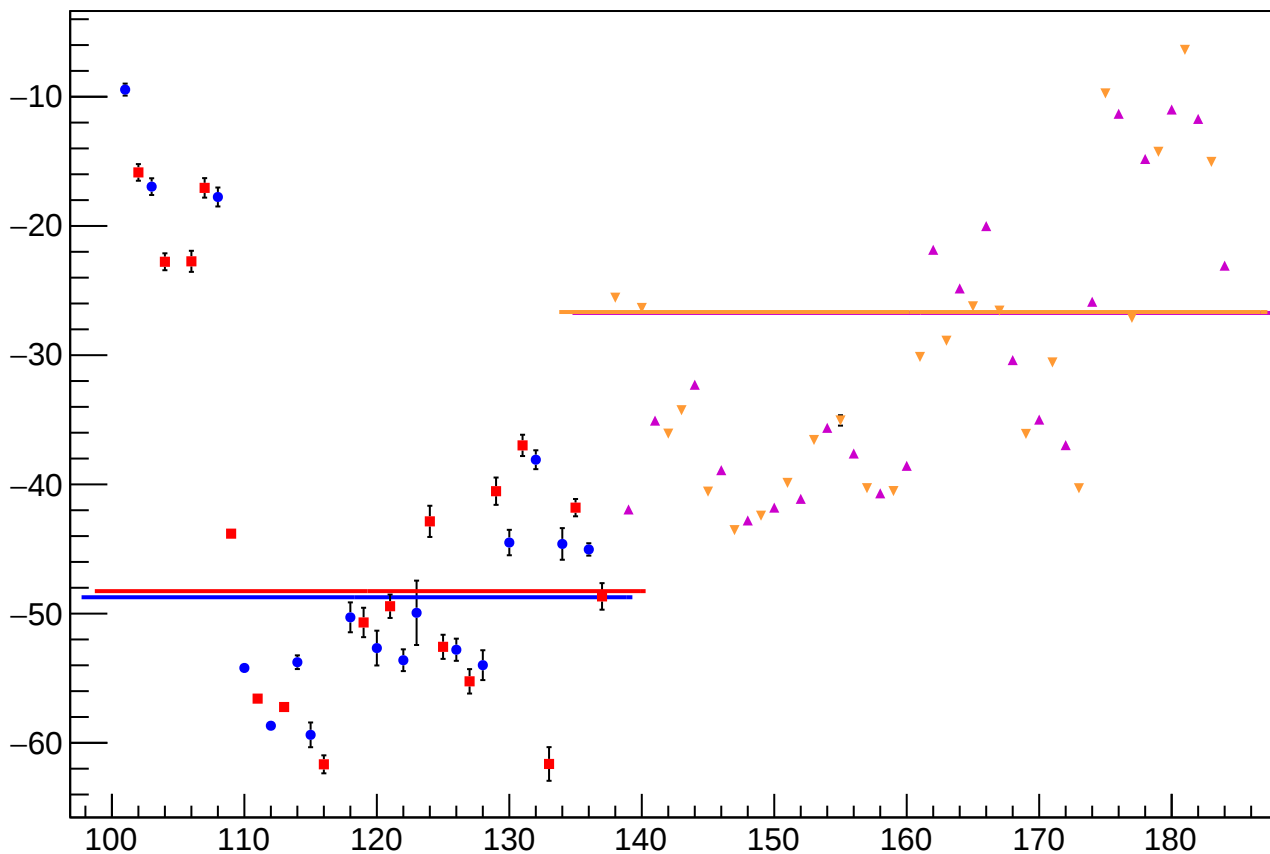
Right: -41.071 ± 0.053 $\chi^2/\text{NDF}: 17821.0/34$

In: -36.038 ± 0.038 $\chi^2/\text{NDF}: 44070.2/39$

Out: -35.961 ± 0.036 $\chi^2/\text{NDF}: 49714.9/41$

All: -35.998 ± 0.026 $\chi^2/\text{NDF}: 93787.2/81$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -26.660 ± 0.054 $\chi^2/\text{NDF}: 47485.4/23$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

Left: -26.696 ± 0.038 $\chi^2/\text{NDF}: 90129.3/46$

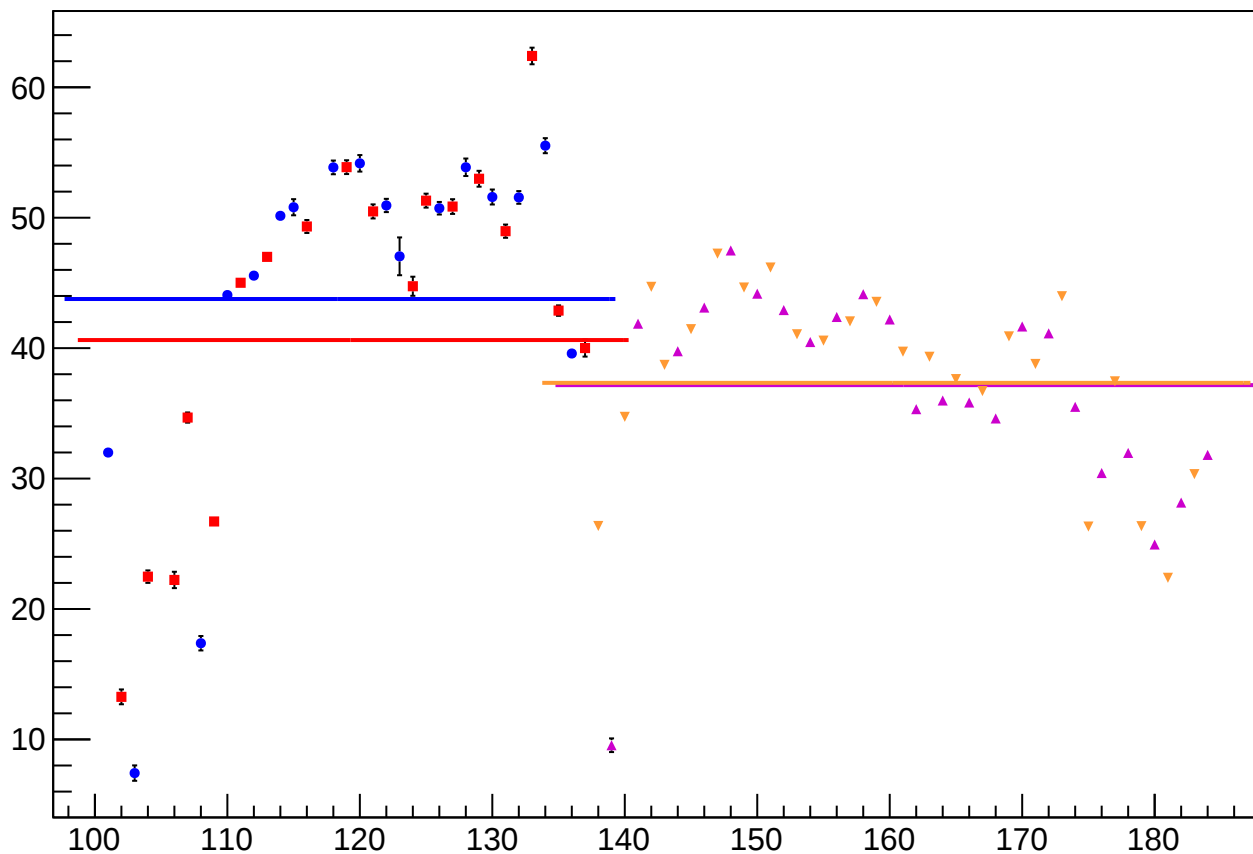
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -30.287 ± 0.050 $\chi^2/\text{NDF}: 83406.9/39$

Out: -30.973 ± 0.048 $\chi^2/\text{NDF}: 90928.9/41$

All: -30.644 ± 0.035 $\chi^2/\text{NDF}: 174433.7/81$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.339 $\pm$ 0.048 χ^2 /NDF: 21277.3/23

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 37.164 $\pm$ 0.049 χ^2 /NDF: 17427.3/22

Left: 37.255 $\pm$ 0.034 χ^2 /NDF: 38711.2/46

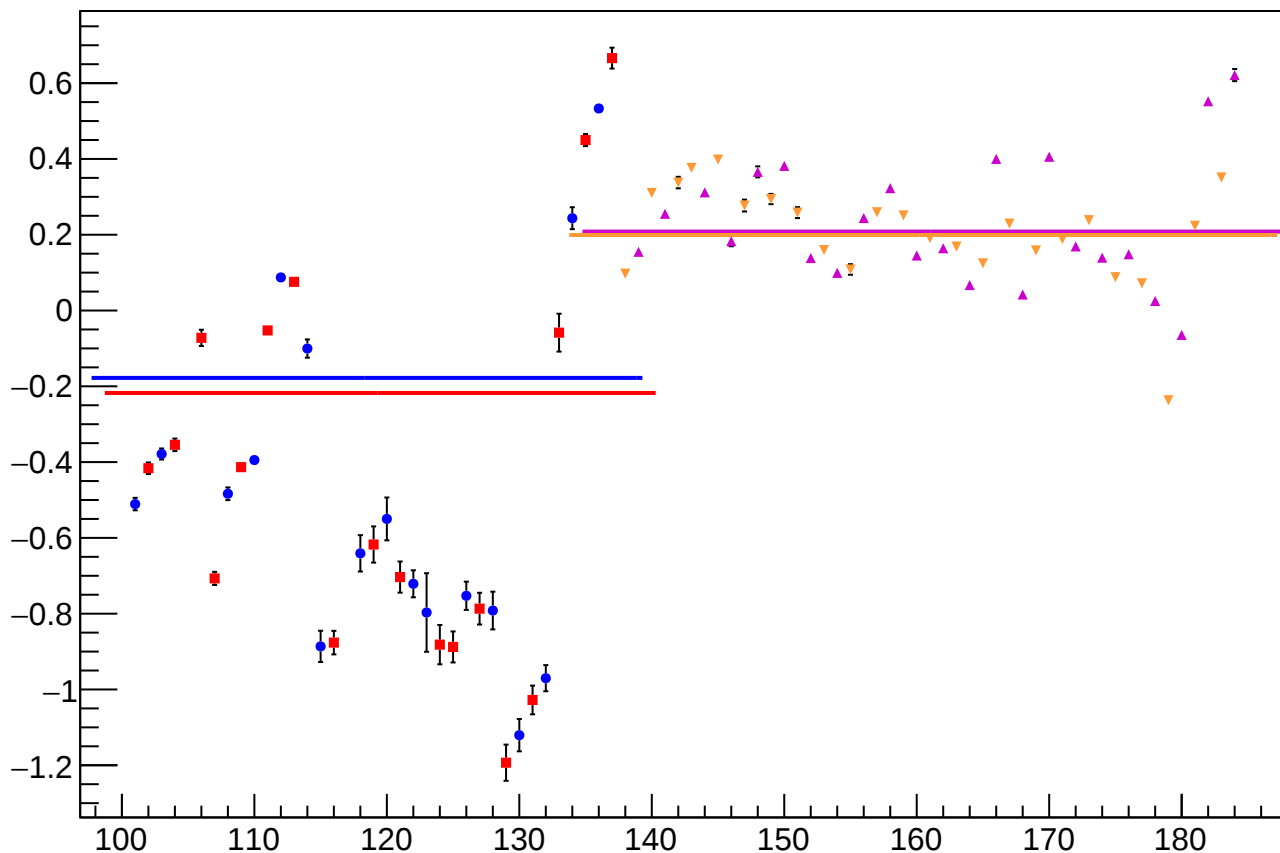
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 38.765 $\pm$ 0.043 χ^2 /NDF: 32442.9/39

Out: 38.192 $\pm$ 0.041 χ^2 /NDF: 39471.6/41

All: 38.466 $\pm$ 0.030 χ^2 /NDF: 72008.5/81

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178±/0.005 χ^2/NDF : 7364.4/16

Left Out: 0.199±/0.002 χ^2/NDF :3543.4/23

Right Out: -0.218±/0.004 χ^2/NDF : 7455.7/17

Left In: 0.208±/0.002 χ^2/NDF :5095.2/22

Left: 0.204±/0.002 χ^2/NDF : 8646.7/46

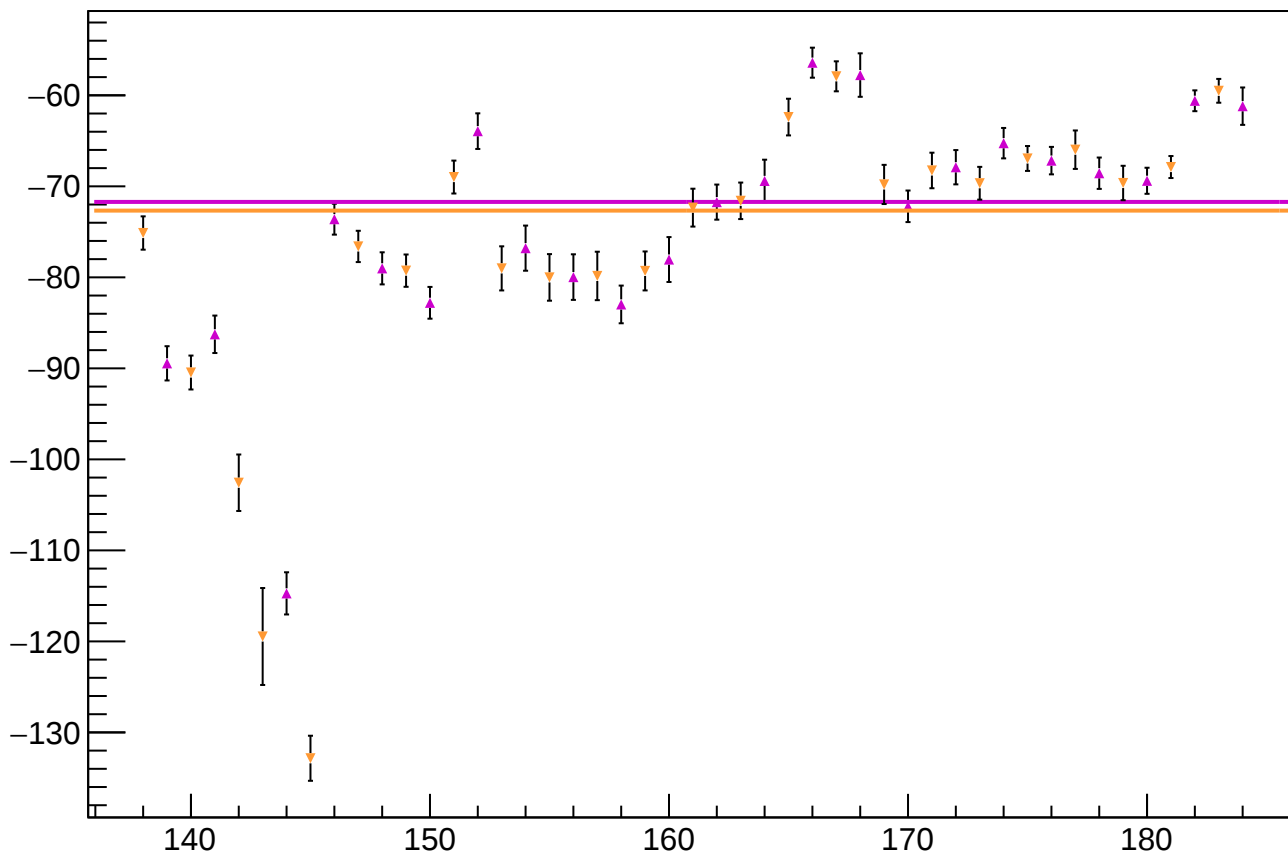
Right: -0.200±/0.003 χ^2/NDF : 14857.8/34

In: 0.140±/0.002 χ^2/NDF :17697.8/39

Out: 0.113±/0.002 χ^2/NDF :18414.6/41

All: 0.126±/0.001 χ^2/NDF : 36204.7/81

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.667+/-0.386 χ^2/NDF :1172.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.713+/-0.380 χ^2/NDF :884.6/22

Left: -72.183+/-0.271 χ^2/NDF : 2060.0/46

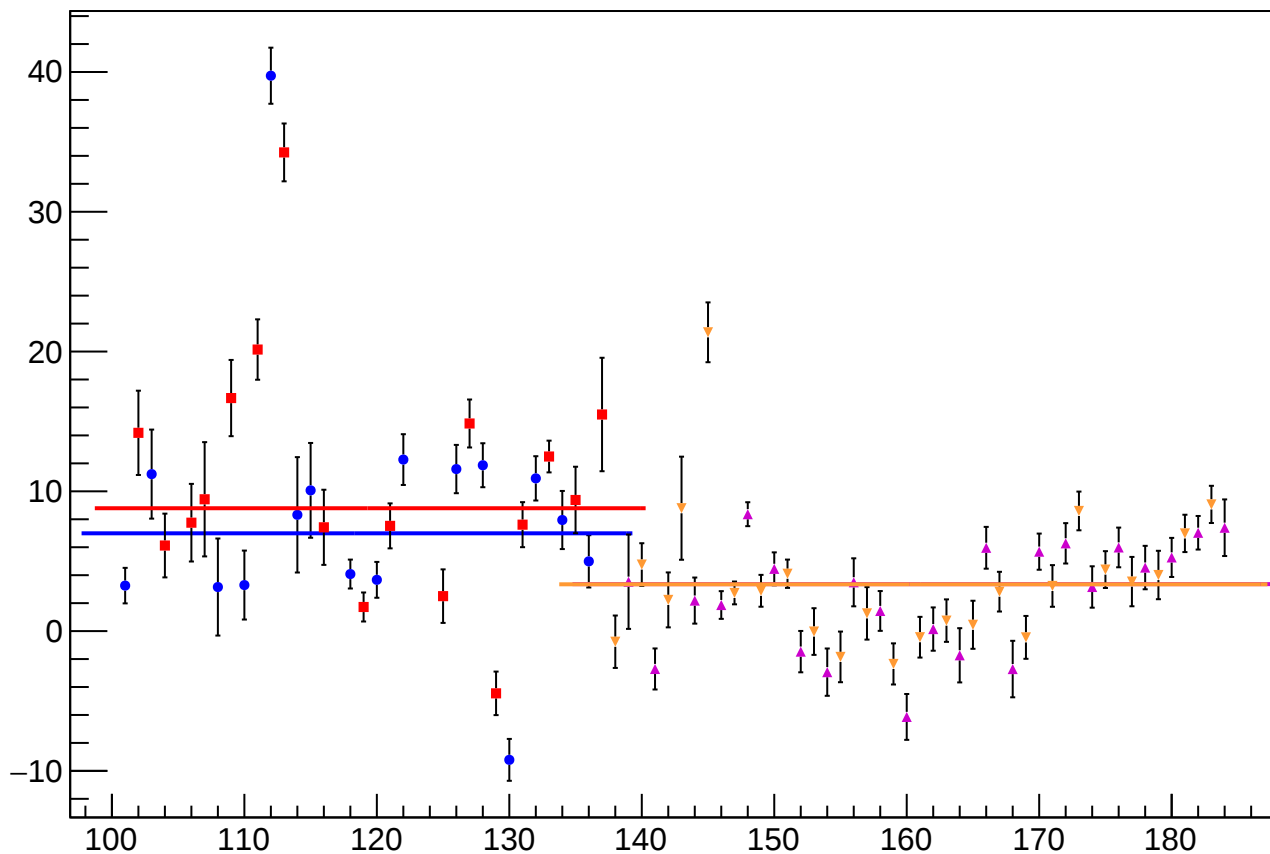
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.713+/-0.380 χ^2/NDF :884.6/22

Out: -72.667+/-0.386 χ^2/NDF :1172.2/23

All: -72.183+/-0.271 χ^2/NDF : 2060.0/46

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.348 ± 0.296 $\chi^2/\text{NDF}: 168.8/23$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.360 ± 0.298 $\chi^2/\text{NDF}: 164.5/22$

Left: 3.354 ± 0.210 $\chi^2/\text{NDF}: 333.3/46$

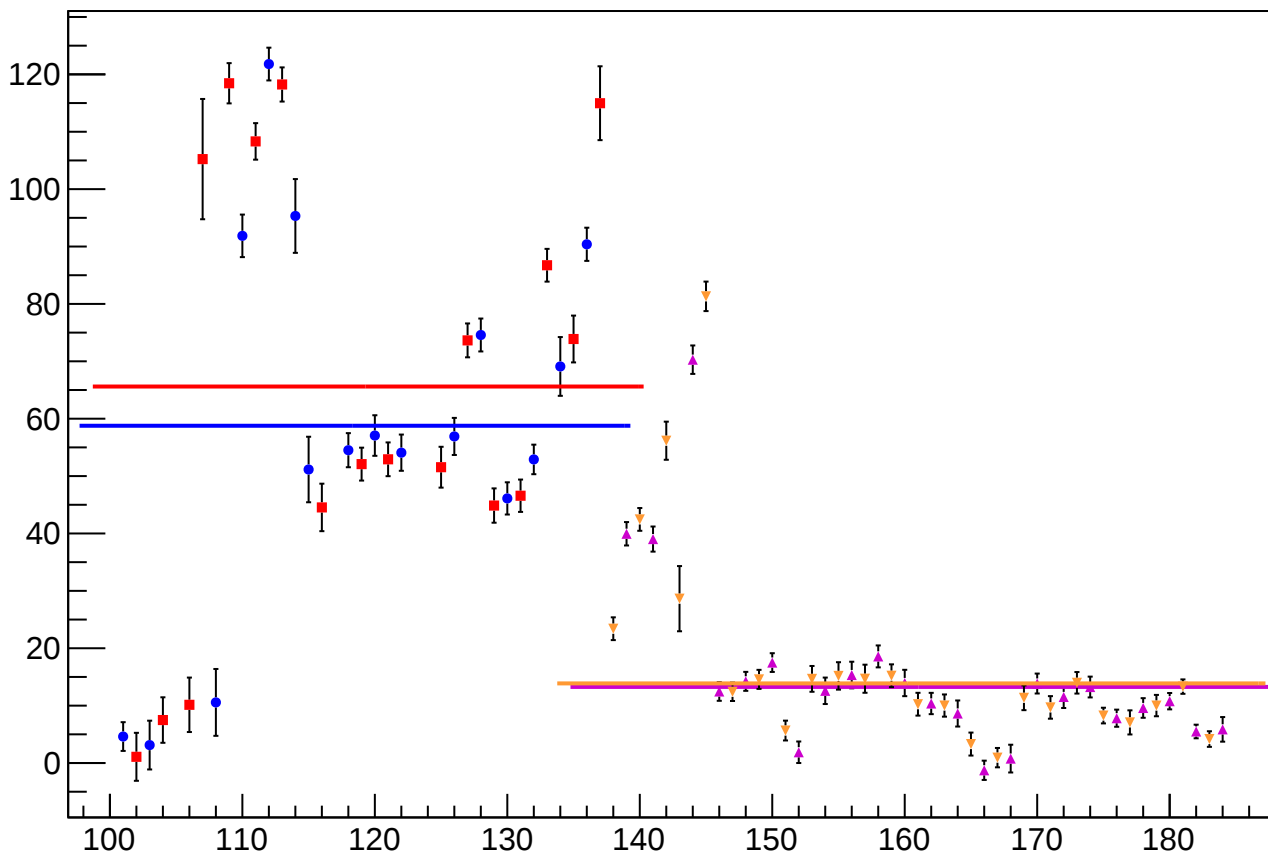
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.522 ± 0.245 $\chi^2/\text{NDF}: 657.6/38$

Out: 4.994 ± 0.247 $\chi^2/\text{NDF}: 619.9/40$

All: 4.756 ± 0.174 $\chi^2/\text{NDF}: 1279.3/79$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770+/-0.833 χ^2/NDF : 1493.3/15

Left Out: 13.875+/-0.384 χ^2/NDF :1295.9/23

Right Out: 65.606+/-0.845 χ^2/NDF : 1625.3/16

Left In: 13.262+/-0.379 χ^2/NDF :1077.0/22

Left: 13.564+/-0.270 χ^2/NDF : 2374.2/46

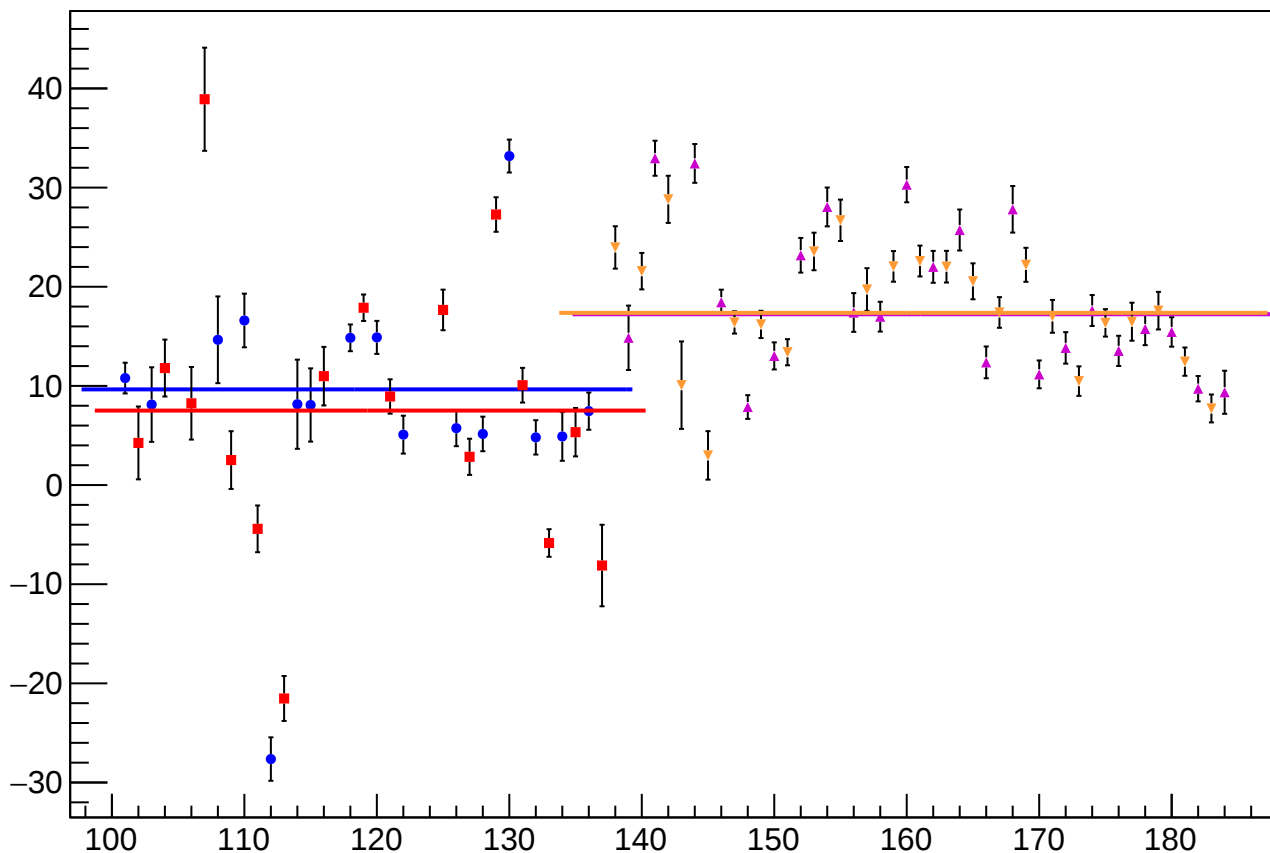
Right: 62.140+/-0.593 χ^2/NDF : 3151.9/32

In: 21.052+/-0.345 χ^2/NDF :5044.5/38

Out: 22.749+/-0.350 χ^2/NDF :6028.3/40

All: 21.888+/-0.246 χ^2/NDF : 11084.7/79

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.367 ± 0.339 $\chi^2/\text{NDF}: 238.8/23$

Right Out: 7.511 ± 0.516 $\chi^2/\text{NDF}: 564.3/16$

Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

Left: 17.296 ± 0.240 $\chi^2/\text{NDF}: 681.1/46$

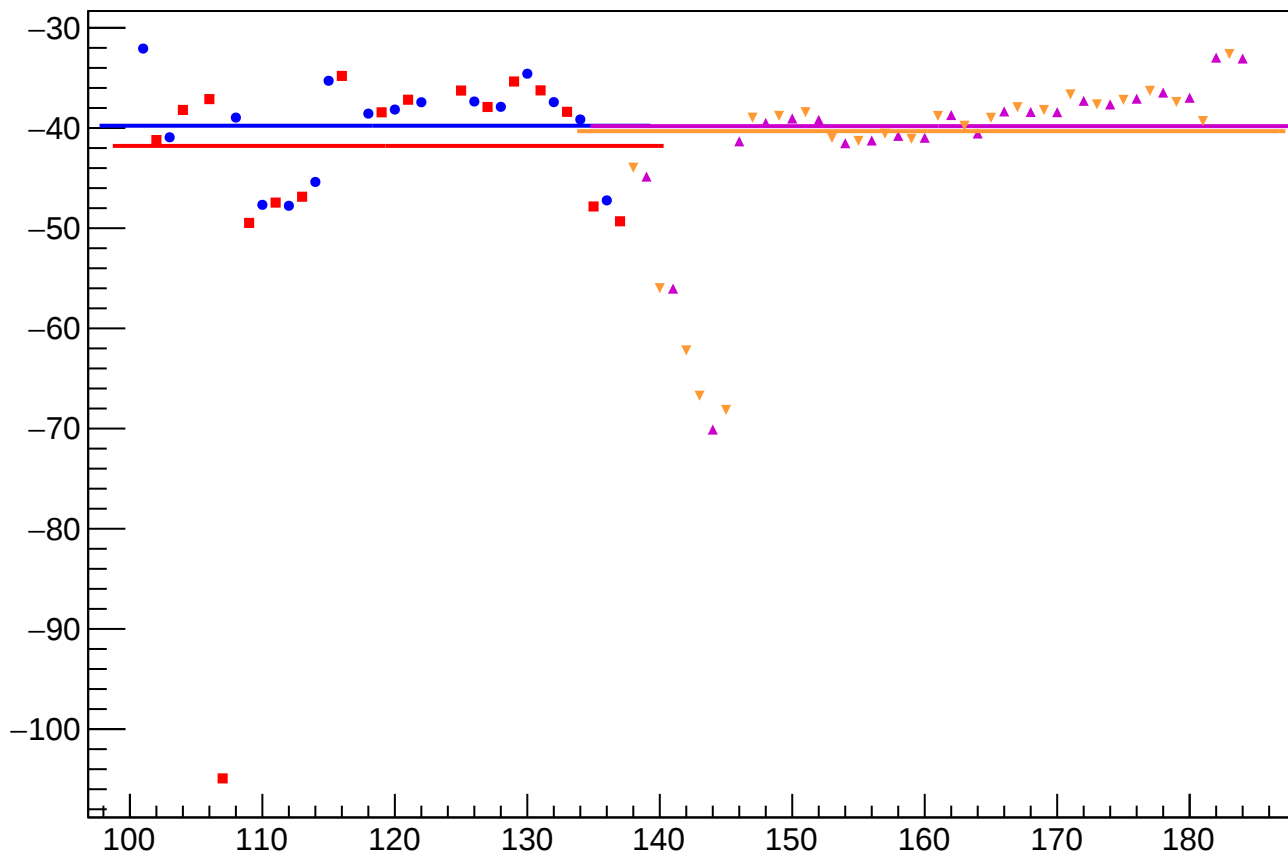
Right: 8.610 ± 0.360 $\chi^2/\text{NDF}: 1126.7/32$

In: 14.856 ± 0.281 $\chi^2/\text{NDF}: 1152.3/38$

Out: 14.400 ± 0.283 $\chi^2/\text{NDF}: 1057.7/40$

All: 14.630 ± 0.199 $\chi^2/\text{NDF}: 2211.3/79$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -40.315 ± 0.016 χ^2/NDF : 180158.5/23

Right Out: -41.787 ± 0.031 χ^2/NDF : 93008.7/16

Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

Left: -40.059 ± 0.011 χ^2/NDF : 326457.3/46

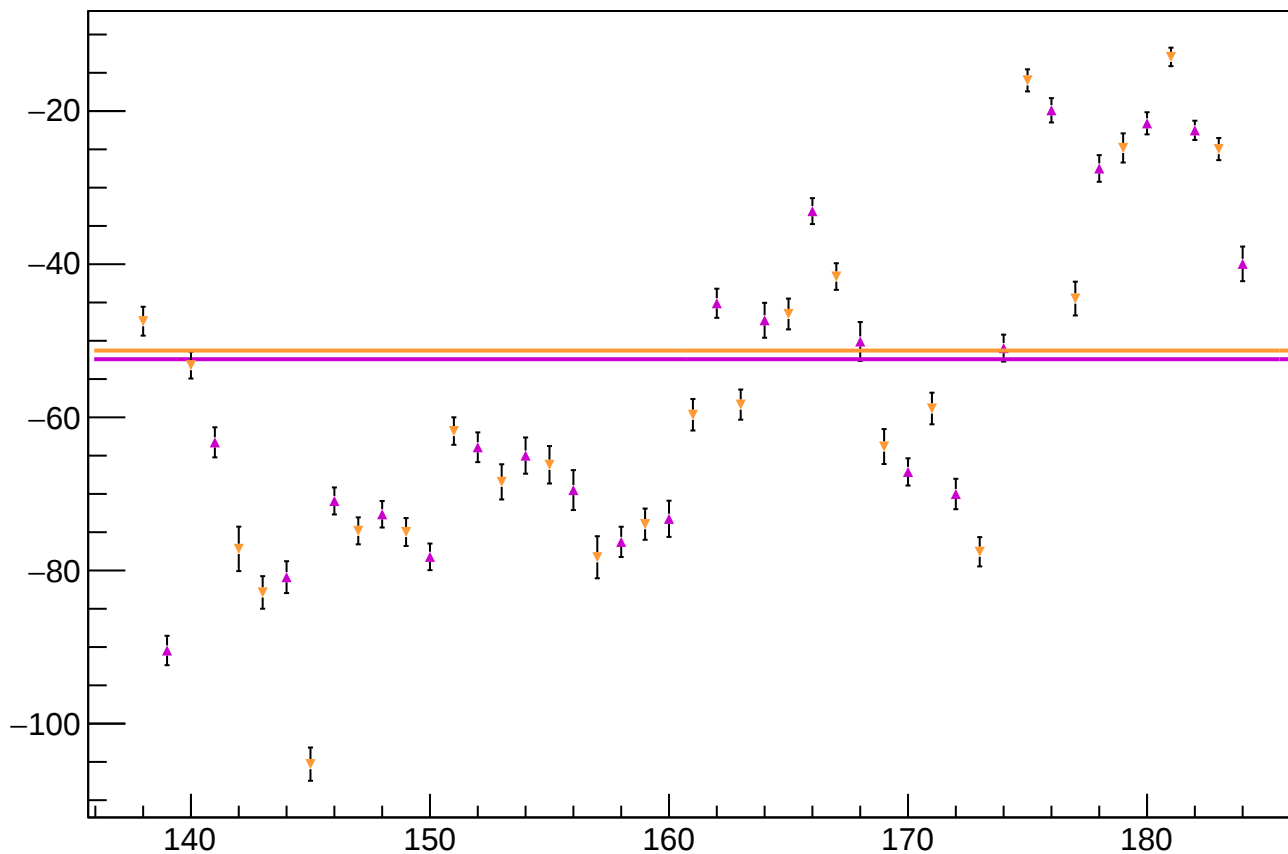
Right: -40.769 ± 0.022 χ^2/NDF : 121265.0/32

In: -39.805 ± 0.014 χ^2/NDF : 171968.5/38

Out: -40.616 ± 0.014 χ^2/NDF : 274915.3/40

All: -40.203 ± 0.010 χ^2/NDF : 448546.4/79

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.409+/-0.387 χ^2/NDF : 3378.7/22

Left: -51.840+/-0.273 χ^2/NDF : 7442.7/46

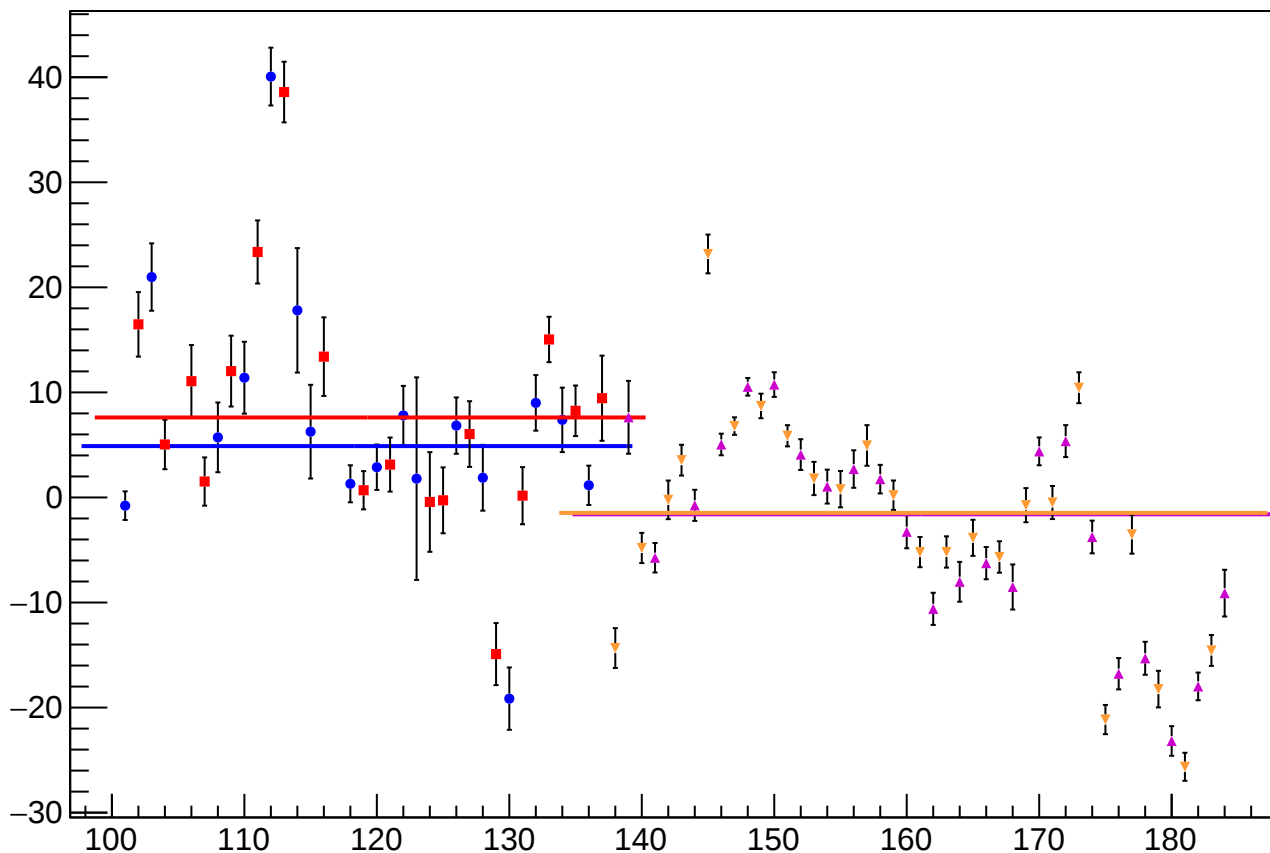
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.409+/-0.387 χ^2/NDF : 3378.7/22

Out: -51.275+/-0.386 χ^2/NDF : 4059.7/23

All: -51.840+/-0.273 χ^2/NDF : 7442.7/46

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -1.469 ± 0.293 $\chi^2/\text{NDF}: 1279.0/23$

Right Out: 7.615 ± 0.652 $\chi^2/\text{NDF}: 269.2/17$

Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

Left: -1.537 ± 0.210 $\chi^2/\text{NDF}: 2376.5/46$

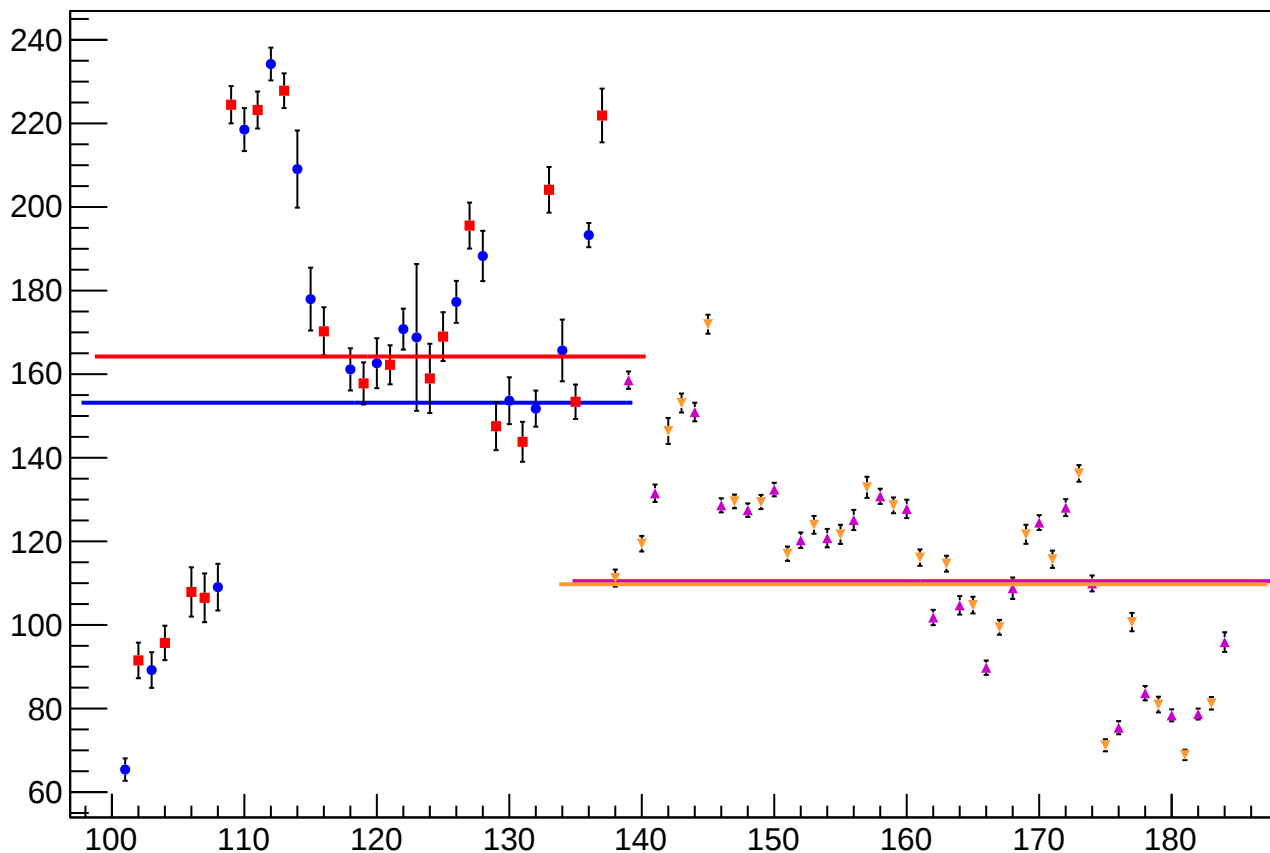
Right: 6.187 ± 0.450 $\chi^2/\text{NDF}: 573.1/34$

In: -0.385 ± 0.270 $\chi^2/\text{NDF}: 1480.6/39$

Out: 0.060 ± 0.268 $\chi^2/\text{NDF}: 1709.5/41$

All: -0.161 ± 0.190 $\chi^2/\text{NDF}: 3191.5/81$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 109.739 $\pm$ 0.385 χ^2 /NDF:4493.5/23

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 110.482 $\pm$ 0.385 χ^2 /NDF:3824.9/22

Left: 110.111 $\pm$ 0.272 χ^2 /NDF: 8320.2/46

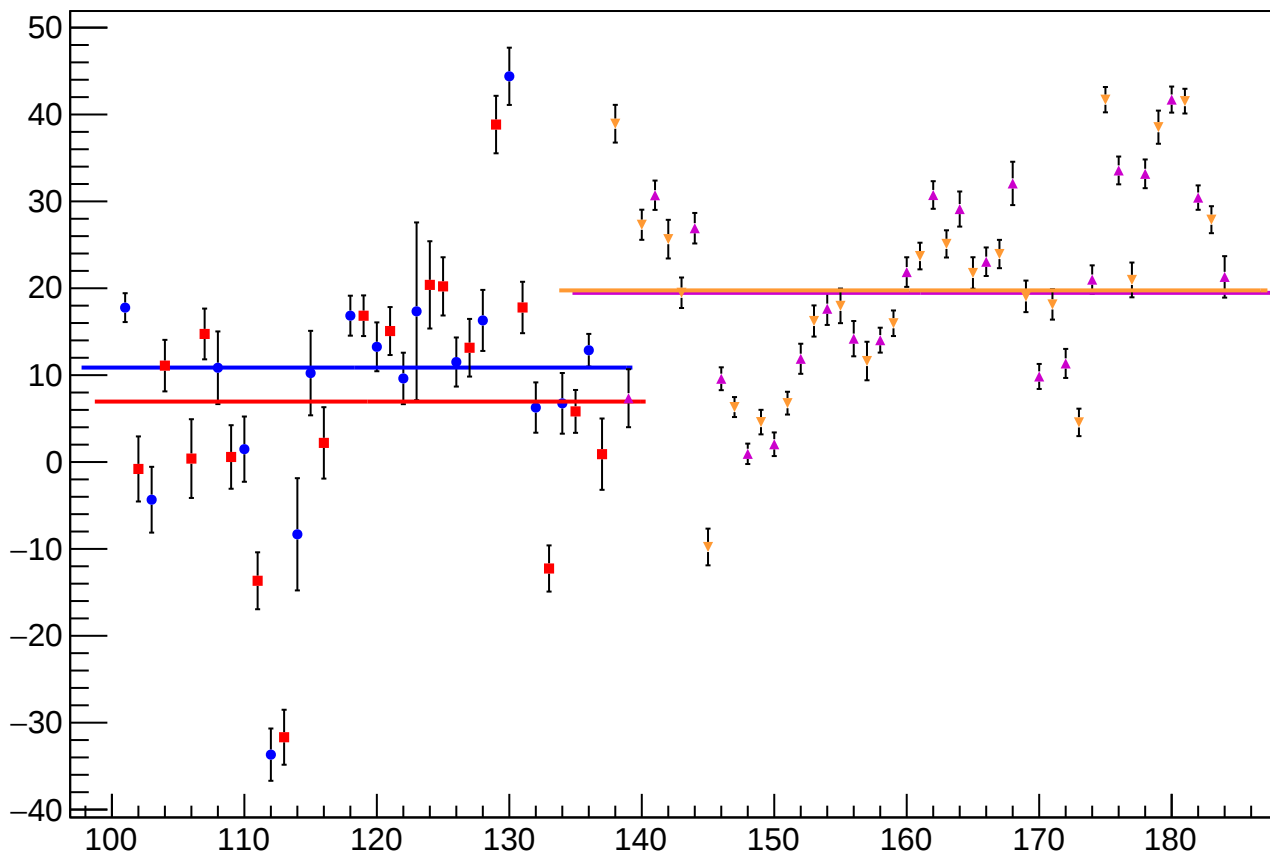
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 114.803 $\pm$ 0.365 χ^2 /NDF:7335.6/39

Out: 114.951 $\pm$ 0.366 χ^2 /NDF:7966.6/41

All: 114.877 $\pm$ 0.258 χ^2 /NDF: 15302.3/81

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: 19.754 $\pm$ 0.337 χ^2 /NDF:1379.3/23

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

Left: 19.615 $\pm$ 0.240 χ^2 /NDF: 2567.8/46

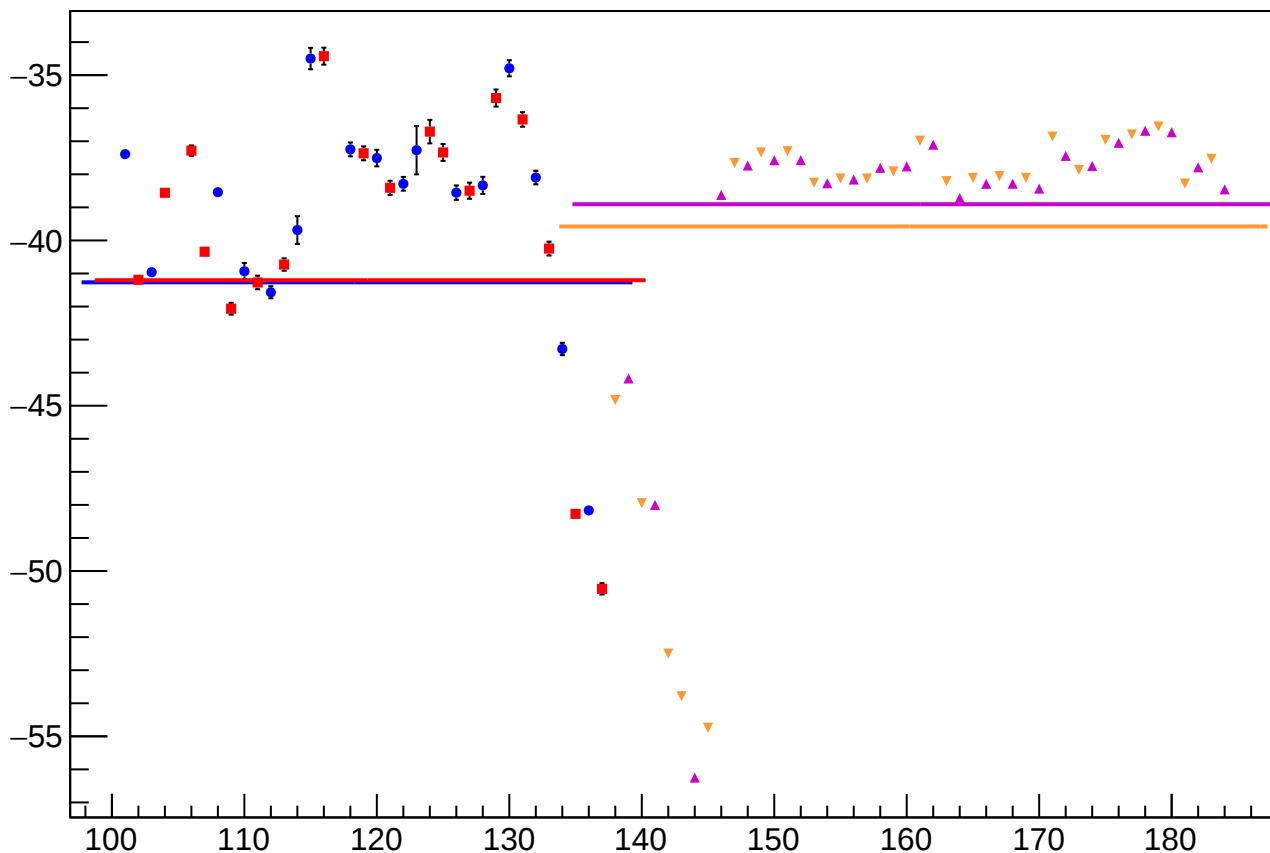
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 17.872 $\pm$ 0.308 χ^2 /NDF:1692.8/39

Out: 17.602 $\pm$ 0.307 χ^2 /NDF:2044.3/41

All: 17.736 $\pm$ 0.218 χ^2 /NDF: 3737.5/81

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: -39.577 ± 0.016 $\chi^2/\text{NDF}: 91761.9/23$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -38.905 ± 0.016 $\chi^2/\text{NDF}: 54282.7/22$

Left: -39.239 ± 0.011 $\chi^2/\text{NDF}: 146946.3/46$

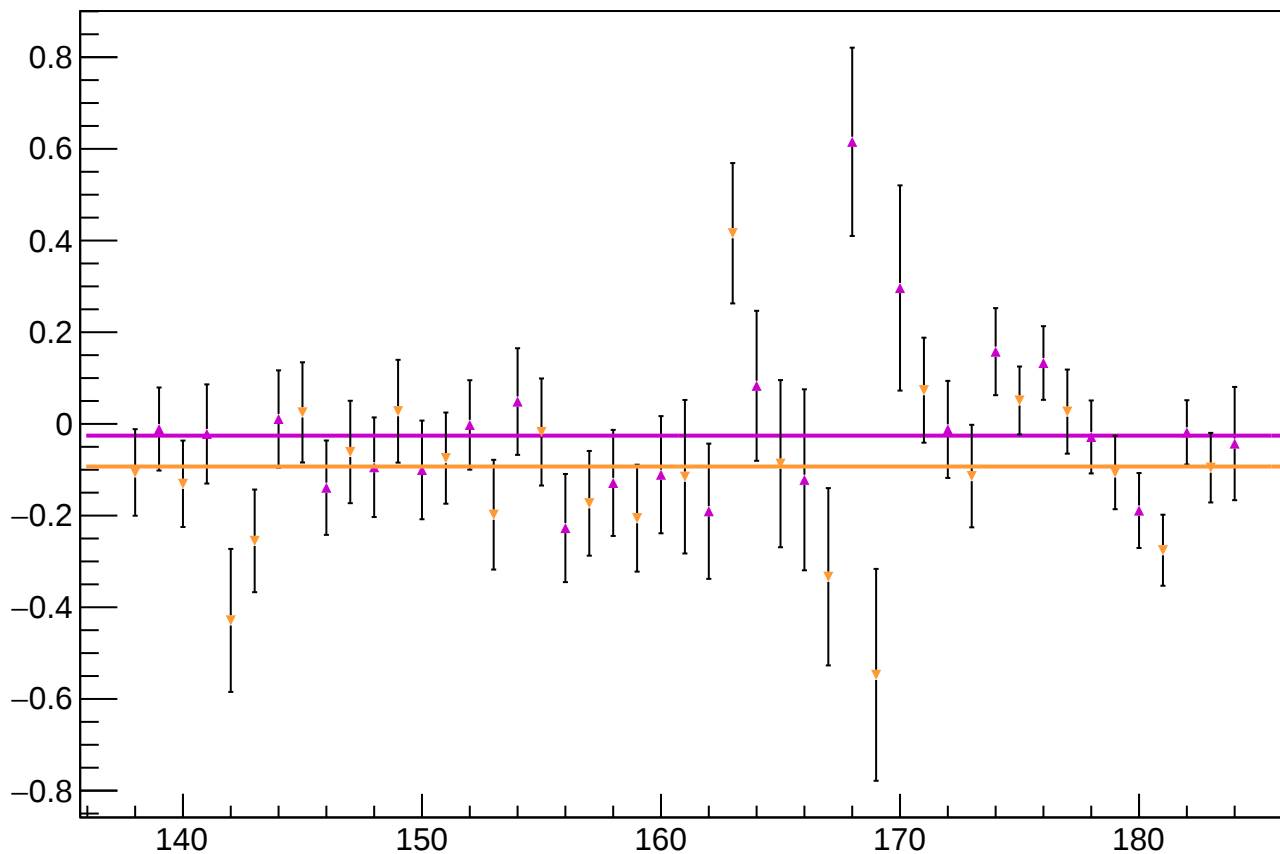
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -39.245 ± 0.015 $\chi^2/\text{NDF}: 70083.4/39$

Out: -39.811 ± 0.015 $\chi^2/\text{NDF}: 105272.1/41$

All: -39.526 ± 0.010 $\chi^2/\text{NDF}: 176099.5/81$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22

Left: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/46

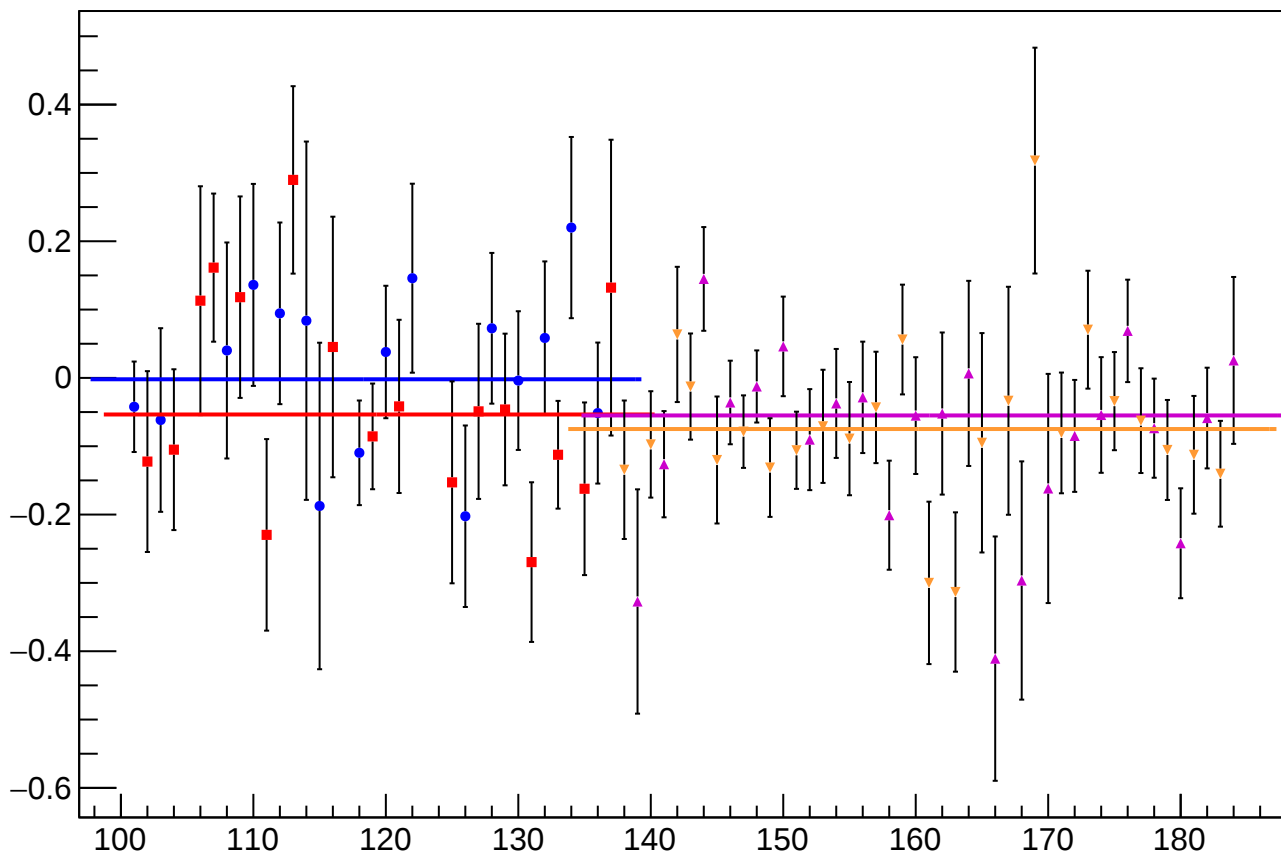
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22

Out: -0.093 $\pm$ 0.022 χ^2 /NDF:41.7/23

All: -0.060 $\pm$ 0.016 χ^2 /NDF: 78.6/46

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.075 ± 0.017 χ^2/NDF : 24.8/23

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

Left: -0.065 ± 0.012 χ^2/NDF : 57.6/46

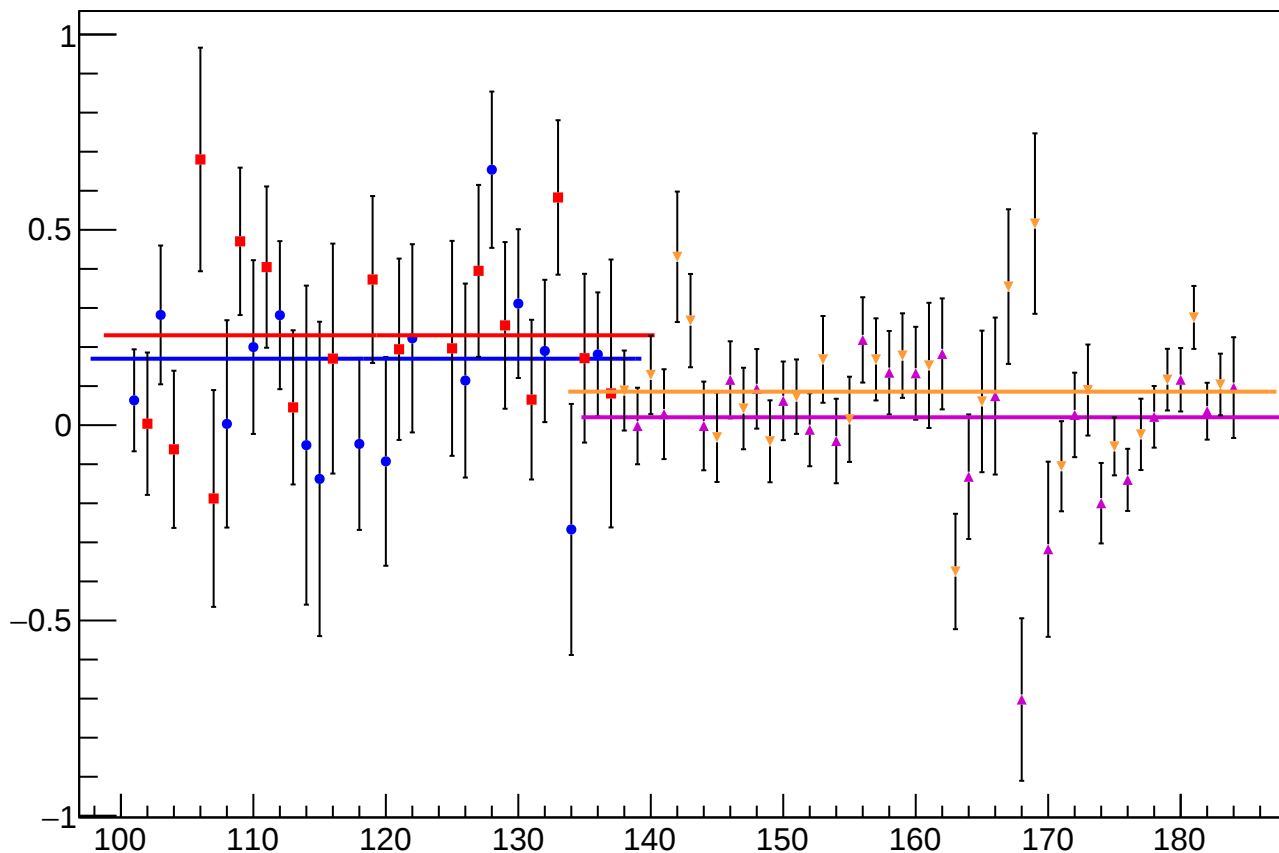
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.040 ± 0.015 χ^2/NDF : 46.8/38

Out: -0.069 ± 0.015 χ^2/NDF : 46.1/40

All: -0.055 ± 0.010 χ^2/NDF : 94.9/79

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.086 $\pm$ 0.022 χ^2 /NDF:40.5/23

Right Out: 0.230 $\pm$ 0.054 χ^2 /NDF: 16.8/16

Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

Left: 0.053 $\pm$ 0.016 χ^2 /NDF: 79.5/46

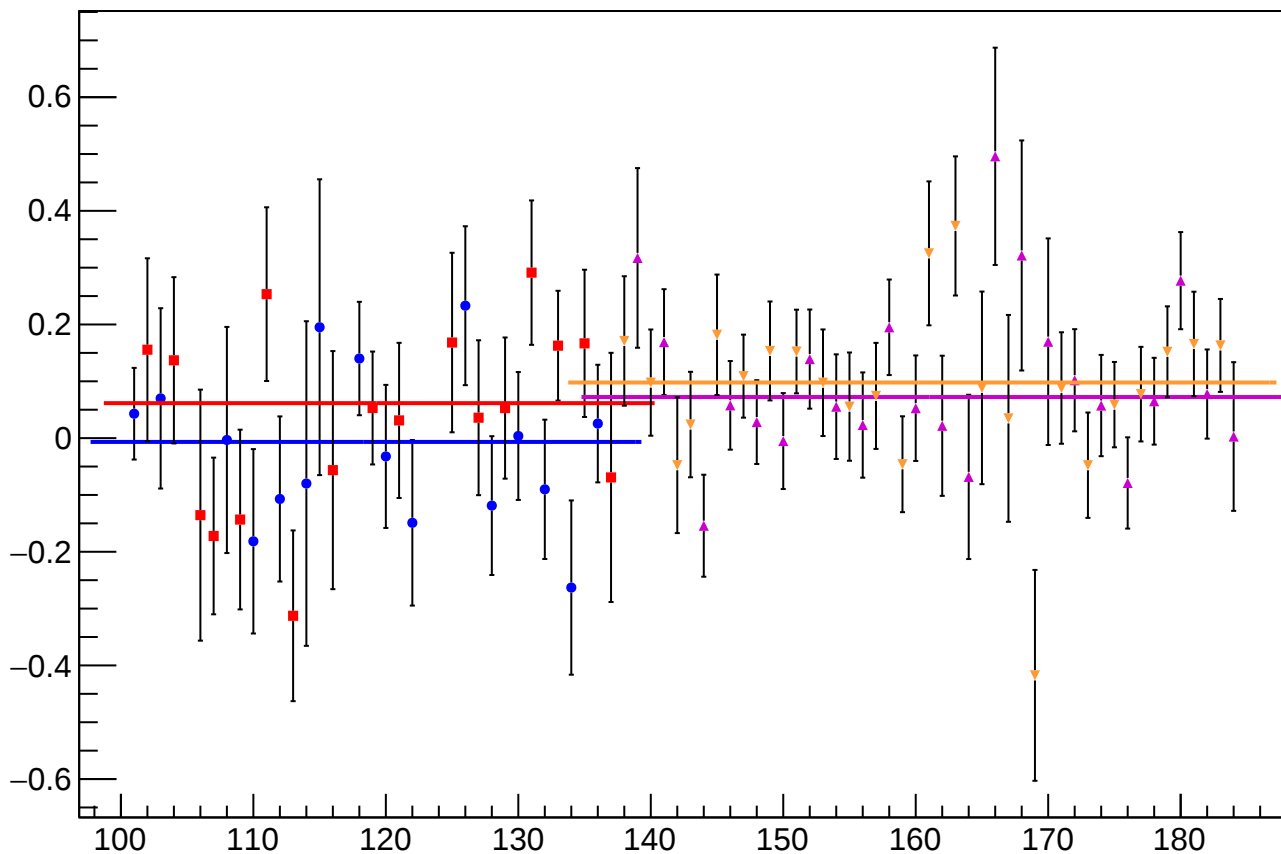
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 30.5/32

In: 0.043 $\pm$ 0.020 χ^2 /NDF:54.5/38

Out: 0.106 $\pm$ 0.020 χ^2 /NDF:63.5/40

All: 0.075 $\pm$ 0.014 χ^2 /NDF: 122.9/79

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.098 ± 0.019 $\chi^2/\text{NDF}: 27.9/23$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.072 ± 0.020 $\chi^2/\text{NDF}: 31.7/22$

Left: 0.085 ± 0.014 $\chi^2/\text{NDF}: 60.4/46$

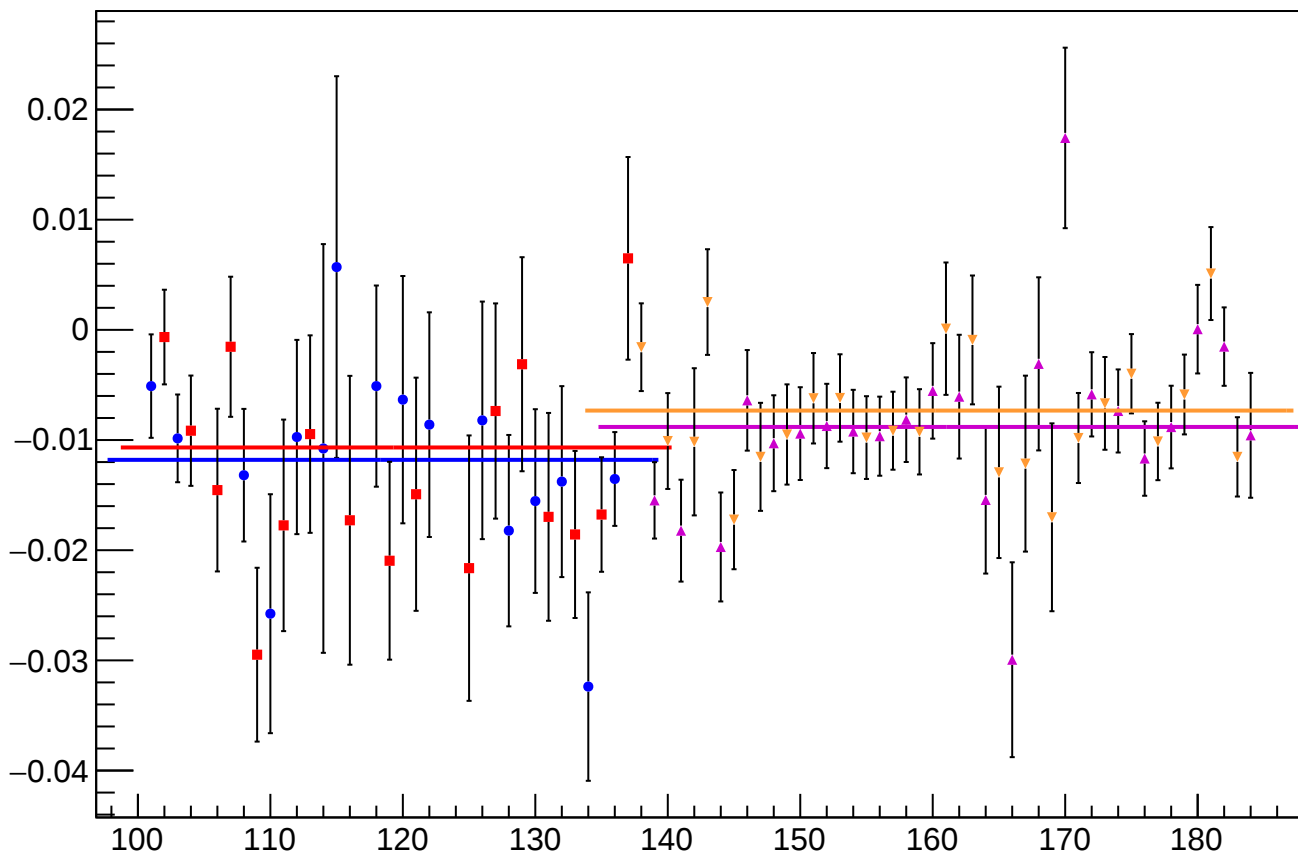
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.051 ± 0.017 $\chi^2/\text{NDF}: 49.2/38$

Out: 0.089 ± 0.017 $\chi^2/\text{NDF}: 48.7/40$

All: 0.070 ± 0.012 $\chi^2/\text{NDF}: 100.4/79$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.001 χ^2/NDF : 30.8/23

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

Left: -0.008 ± 0.001 χ^2/NDF : 74.2/46

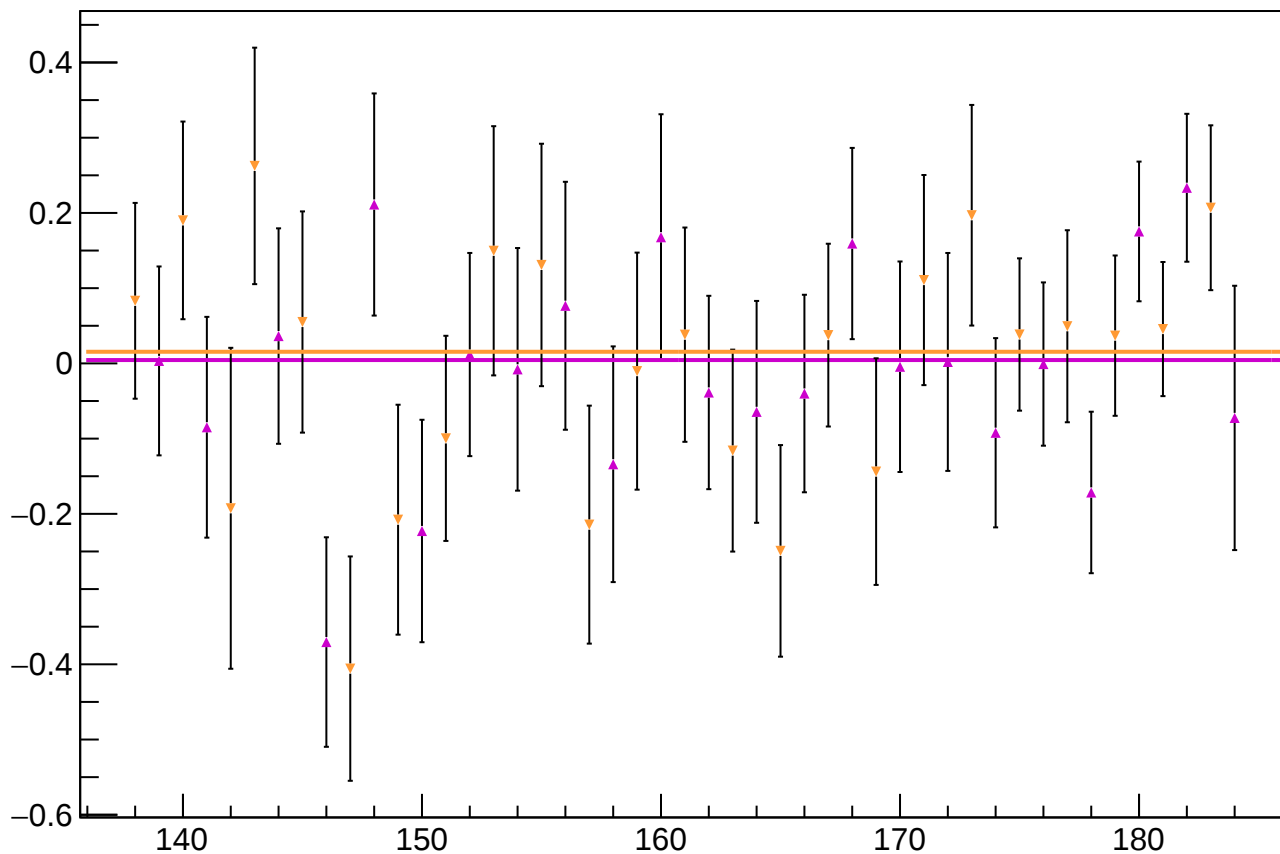
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.009 ± 0.001 χ^2/NDF : 57.1/38

Out: -0.008 ± 0.001 χ^2/NDF : 57.4/40

All: -0.009 ± 0.001 χ^2/NDF : 116.0/79

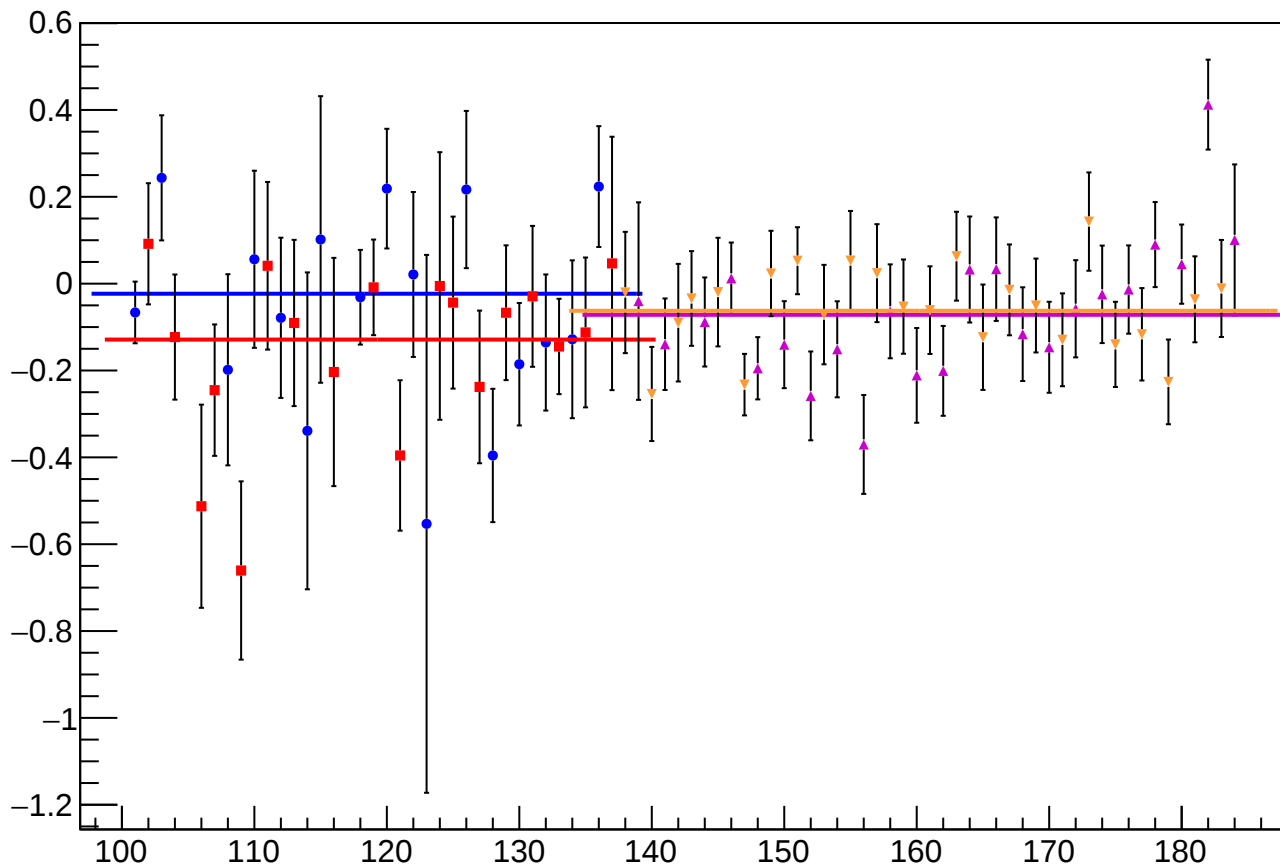
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

Left: 0.010 $\pm$ 0.019 χ^2 /NDF: 58.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22
 Out: 0.015 $\pm$ 0.027 χ^2 /NDF:30.7/23
 All: 0.010 $\pm$ 0.019 χ^2 /NDF: 58.9/46

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.062 ± 0.021 χ^2/NDF : 23.5/23

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.072 ± 0.022 χ^2/NDF : 48.7/22

Left: -0.067 ± 0.015 χ^2/NDF : 72.3/46

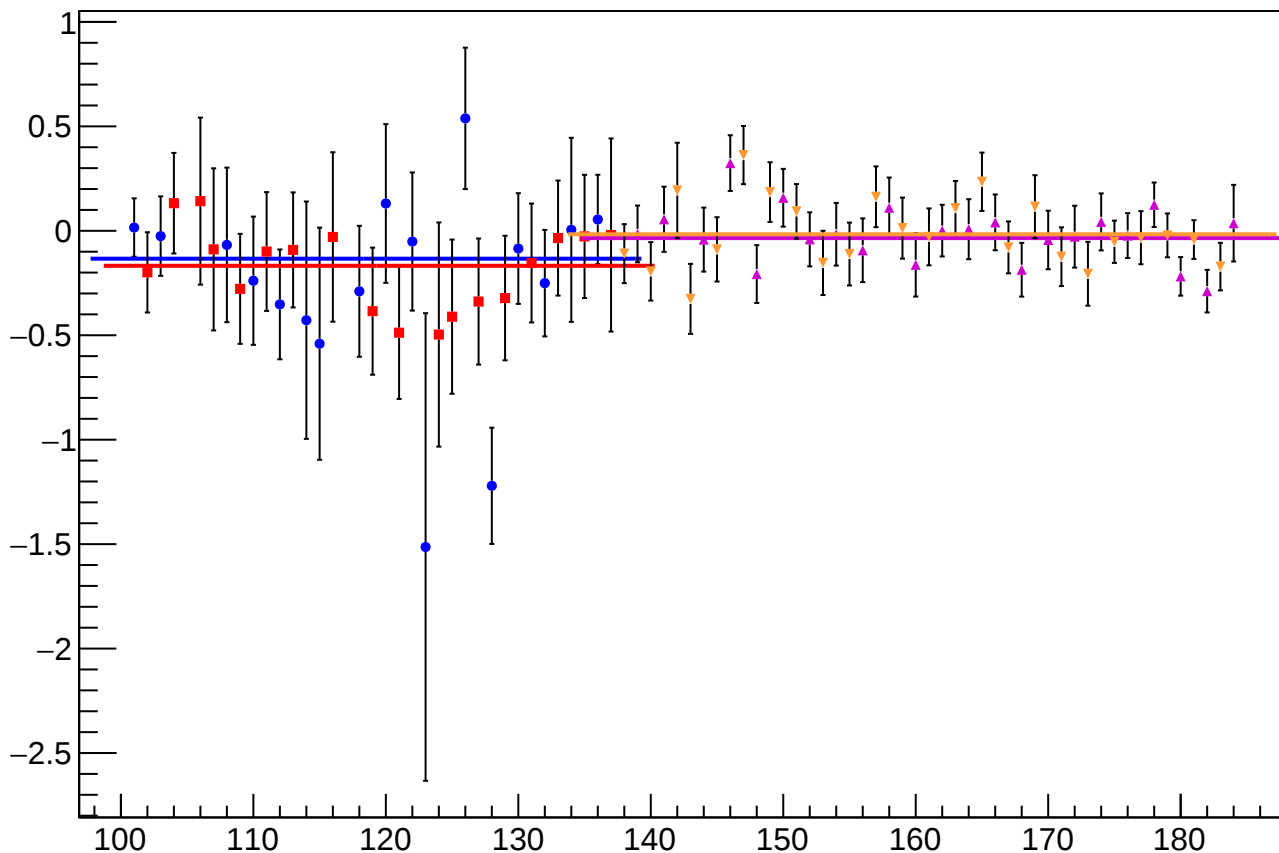
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.059 ± 0.019 χ^2/NDF : 72.4/39

Out: -0.077 ± 0.019 χ^2/NDF : 44.3/41

All: -0.068 ± 0.013 χ^2/NDF : 117.2/81

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.017 ± 0.027 χ^2/NDF : 28.8/23

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

Left: -0.026 ± 0.019 χ^2/NDF : 56.7/46

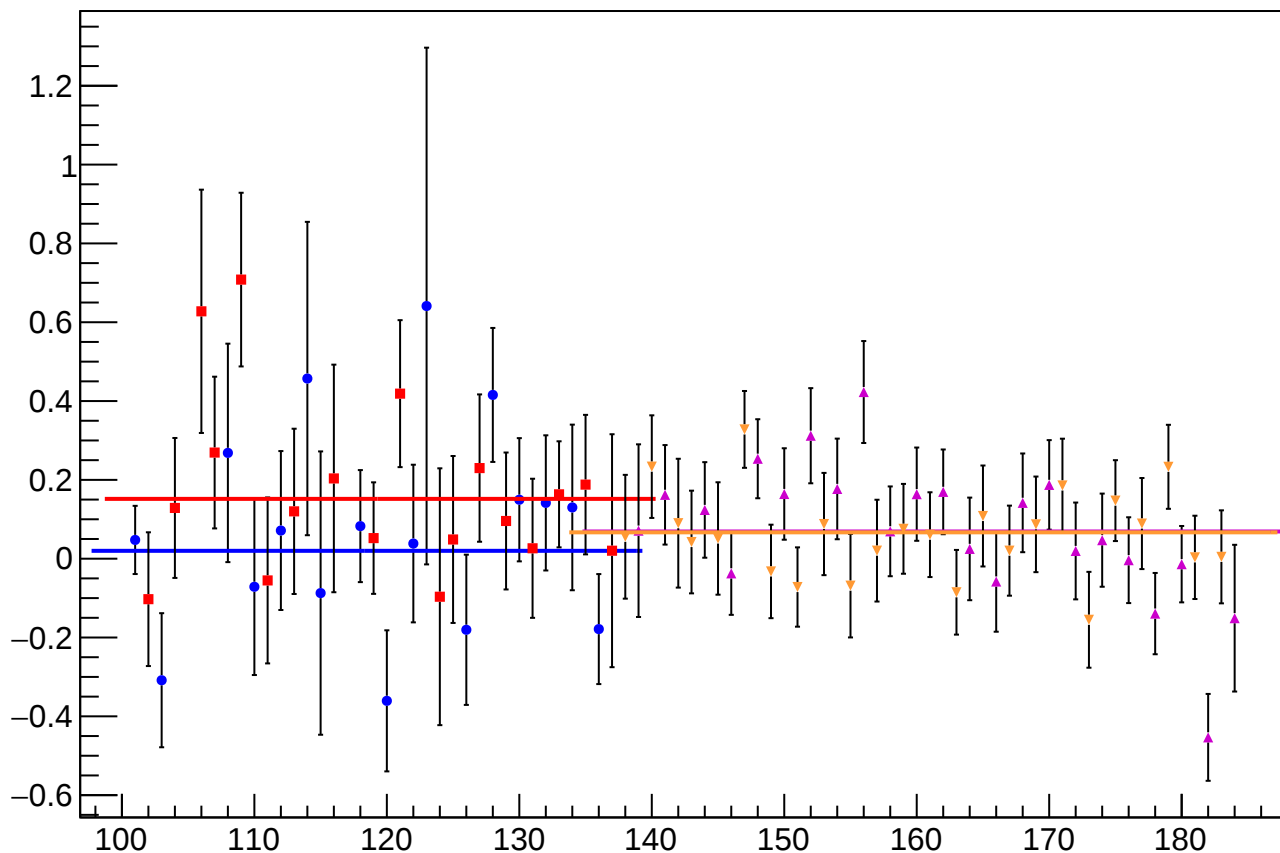
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.049 ± 0.025 χ^2/NDF : 55.3/39

Out: -0.036 ± 0.025 χ^2/NDF : 38.8/41

All: -0.042 ± 0.018 χ^2/NDF : 94.3/81

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2 /NDF: 21.8/16

Left Out: 0.067 $\pm$ 0.024 χ^2 /NDF: 23.1/23

Right Out: 0.152 $\pm$ 0.045 χ^2 /NDF: 16.8/17

Left In: 0.069 $\pm$ 0.025 χ^2 /NDF: 51.4/22

Left: 0.068 $\pm$ 0.017 χ^2 /NDF: 74.5/46

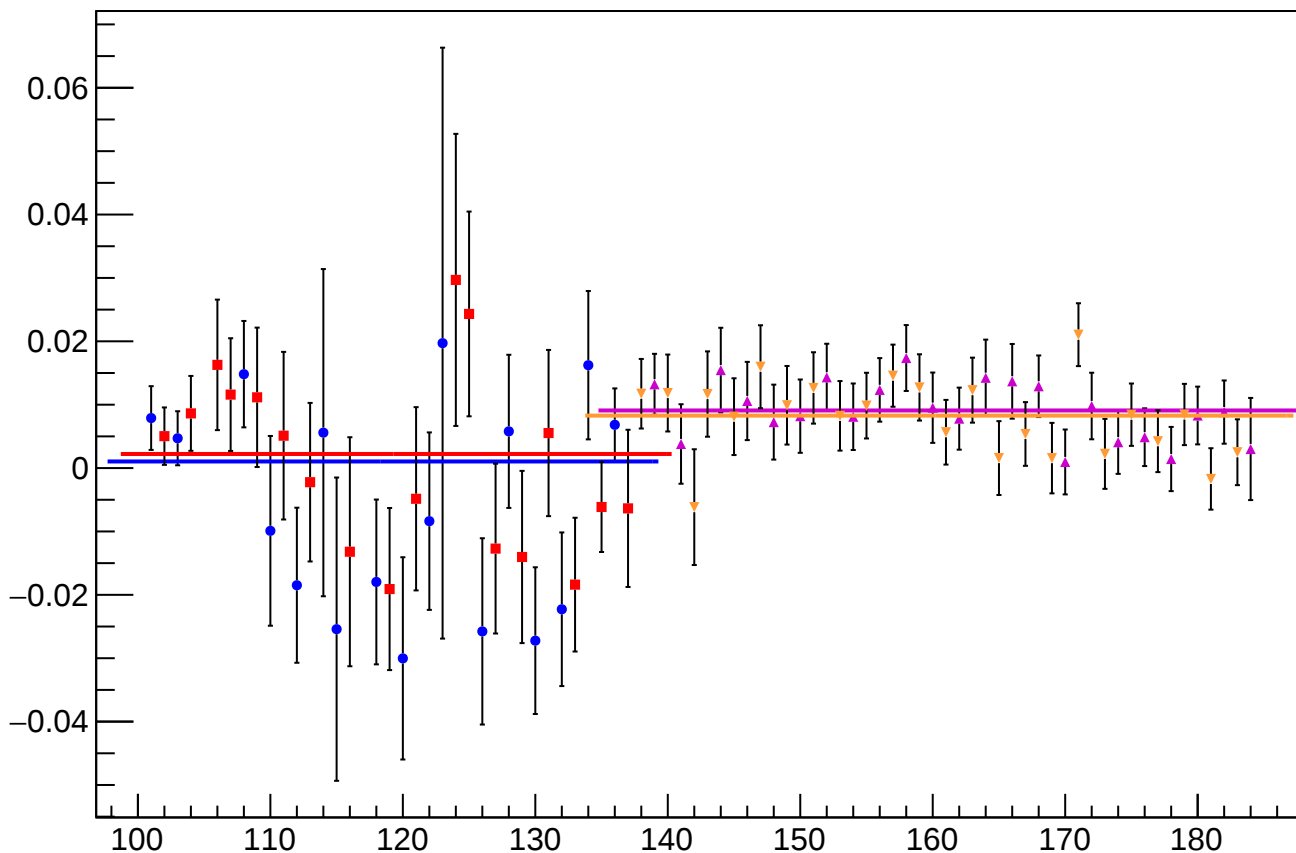
Right: 0.081 $\pm$ 0.031 χ^2 /NDF: 43.1/34

In: 0.057 $\pm$ 0.021 χ^2 /NDF: 74.2/39

Out: 0.086 $\pm$ 0.021 χ^2 /NDF: 42.6/41

All: 0.071 $\pm$ 0.015 χ^2 /NDF: 117.8/81

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 ± 0.002 χ^2/NDF : 32.0/16

Left Out: 0.008 ± 0.001 χ^2/NDF : 26.0/23

Right Out: 0.002 ± 0.002 χ^2/NDF : 20.8/17

Left In: 0.009 ± 0.001 χ^2/NDF : 15.8/22

Left: 0.009 ± 0.001 χ^2/NDF : 42.1/46

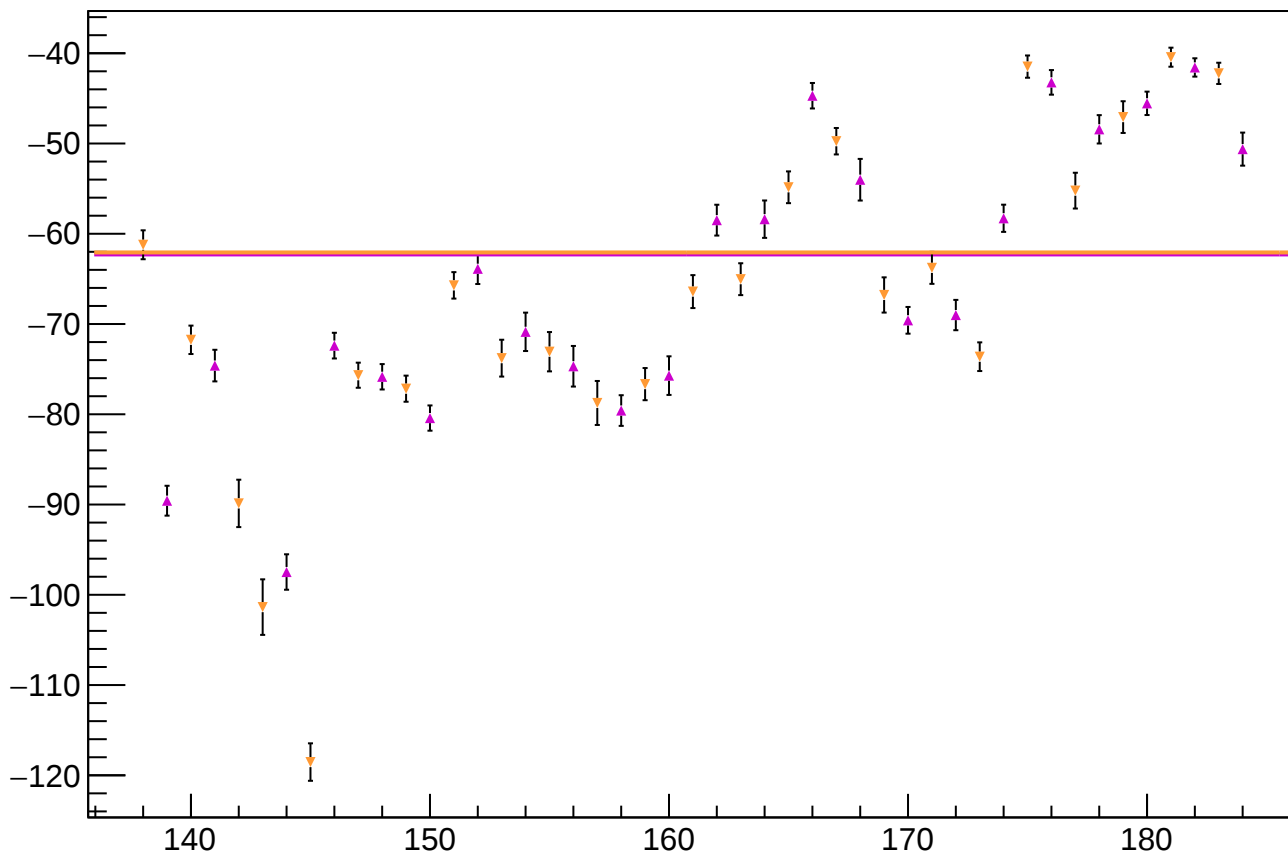
Right: 0.002 ± 0.002 χ^2/NDF : 53.0/34

In: 0.007 ± 0.001 χ^2/NDF : 58.3/39

Out: 0.007 ± 0.001 χ^2/NDF : 52.5/41

All: 0.007 ± 0.001 χ^2/NDF : 110.9/81

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.290+/-0.331 χ^2/NDF :2265.0/22

Left: -62.181+/-0.235 χ^2/NDF : 4925.3/46

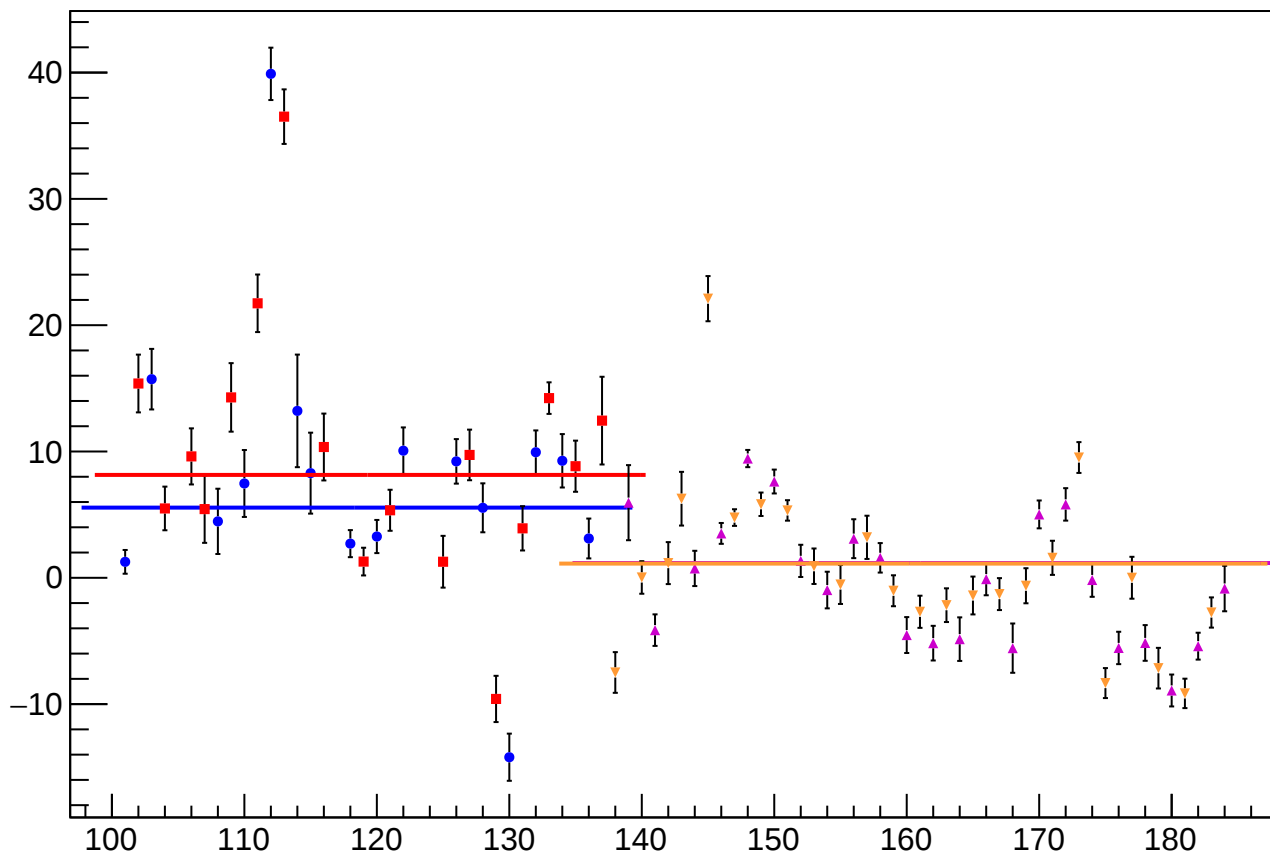
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.290+/-0.331 χ^2/NDF :2265.0/22

Out: -62.070+/-0.335 χ^2/NDF :2660.1/23

All: -62.181+/-0.235 χ^2/NDF : 4925.3/46

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 1.125 $\pm$ 0.252 χ^2 /NDF:511.1/23

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 1.171 $\pm$ 0.255 χ^2 /NDF:466.2/22

Left: 1.148 $\pm$ 0.179 χ^2 /NDF: 977.4/46

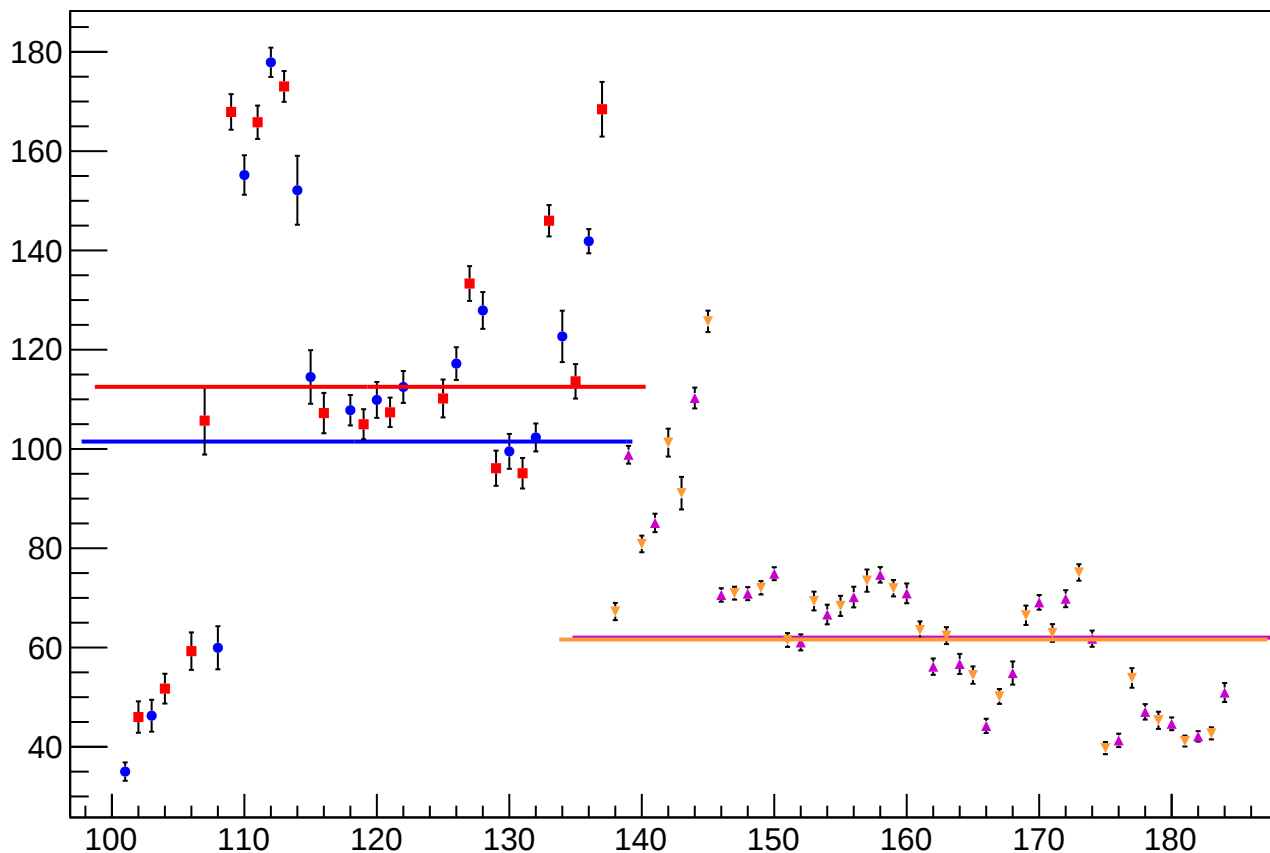
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 2.334 $\pm$ 0.218 χ^2 /NDF:1006.9/38

Out: 2.781 $\pm$ 0.221 χ^2 /NDF:1100.4/40

All: 2.555 $\pm$ 0.155 χ^2 /NDF: 2109.3/79

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 61.617 $\pm$ 0.333 χ^2 /NDF:2670.3/23

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

Left: 61.808 $\pm$ 0.234 χ^2 /NDF: 5188.6/46

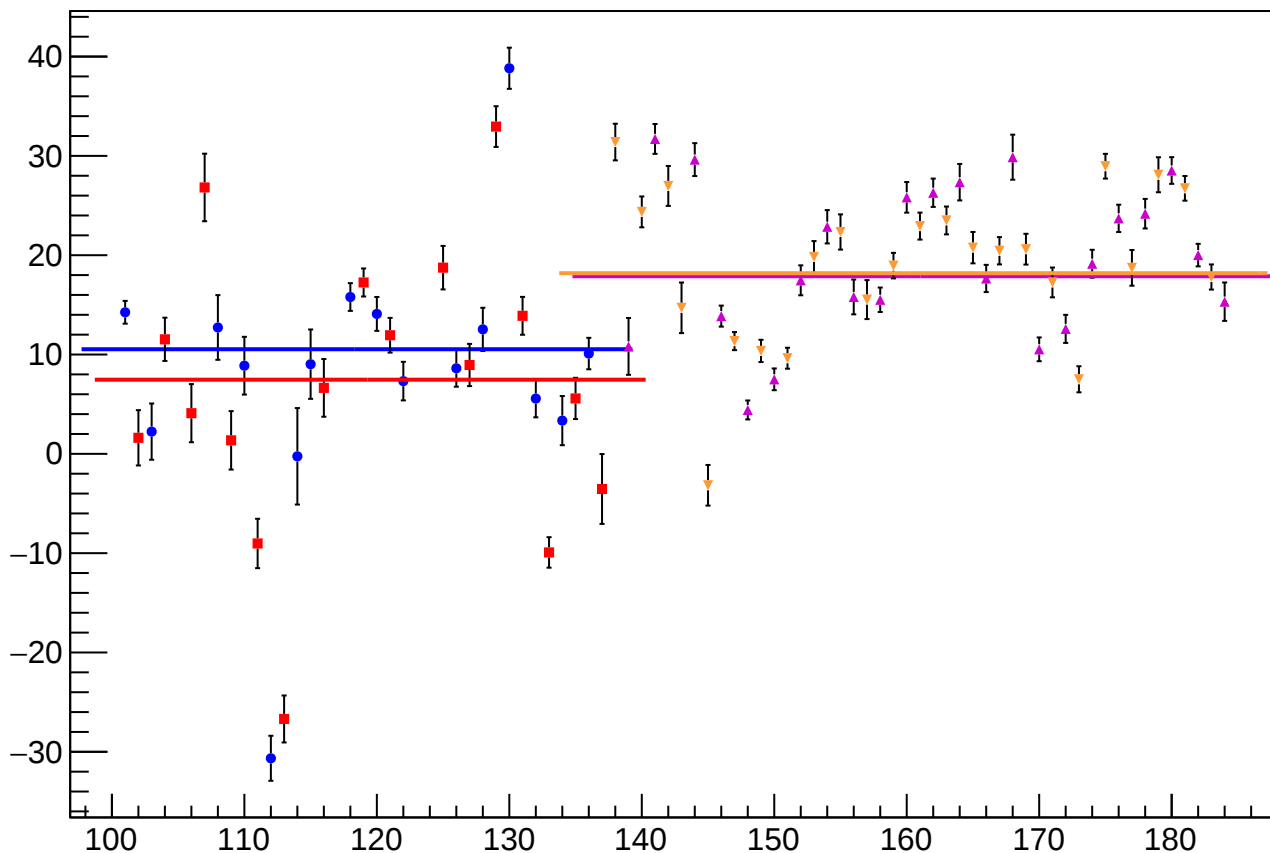
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 67.608 $\pm$ 0.305 χ^2 /NDF:7539.7/38

Out: 68.497 $\pm$ 0.310 χ^2 /NDF:8059.0/40

All: 68.045 $\pm$ 0.217 χ^2 /NDF: 15602.9/79

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 18.188 $\pm$ 0.291 χ^2 /NDF: 631.5/23

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 17.881 $\pm$ 0.292 χ^2 /NDF: 730.9/22

Left: 18.035 $\pm$ 0.206 χ^2 /NDF: 1363.0/46

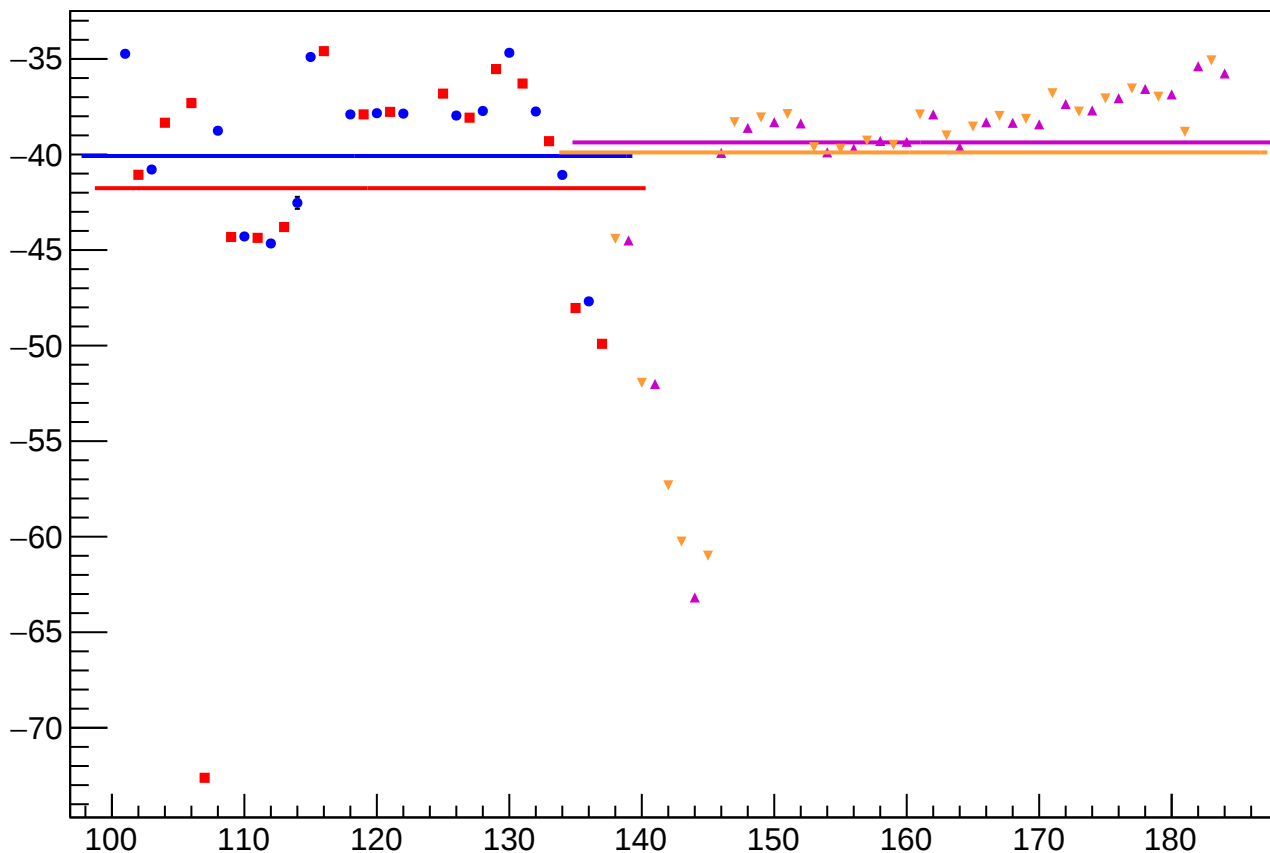
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 15.975 $\pm$ 0.251 χ^2 /NDF: 1475.9/38

Out: 15.667 $\pm$ 0.255 χ^2 /NDF: 1635.4/40

All: 15.823 $\pm$ 0.179 χ^2 /NDF: 3112.0/79

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -39.893 ± 0.014 $\chi^2/\text{NDF}: 162897.7/23$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -39.368 ± 0.014 $\chi^2/\text{NDF}: 117958.1/22$

Left: -39.625 ± 0.010 $\chi^2/\text{NDF}: 281591.3/46$

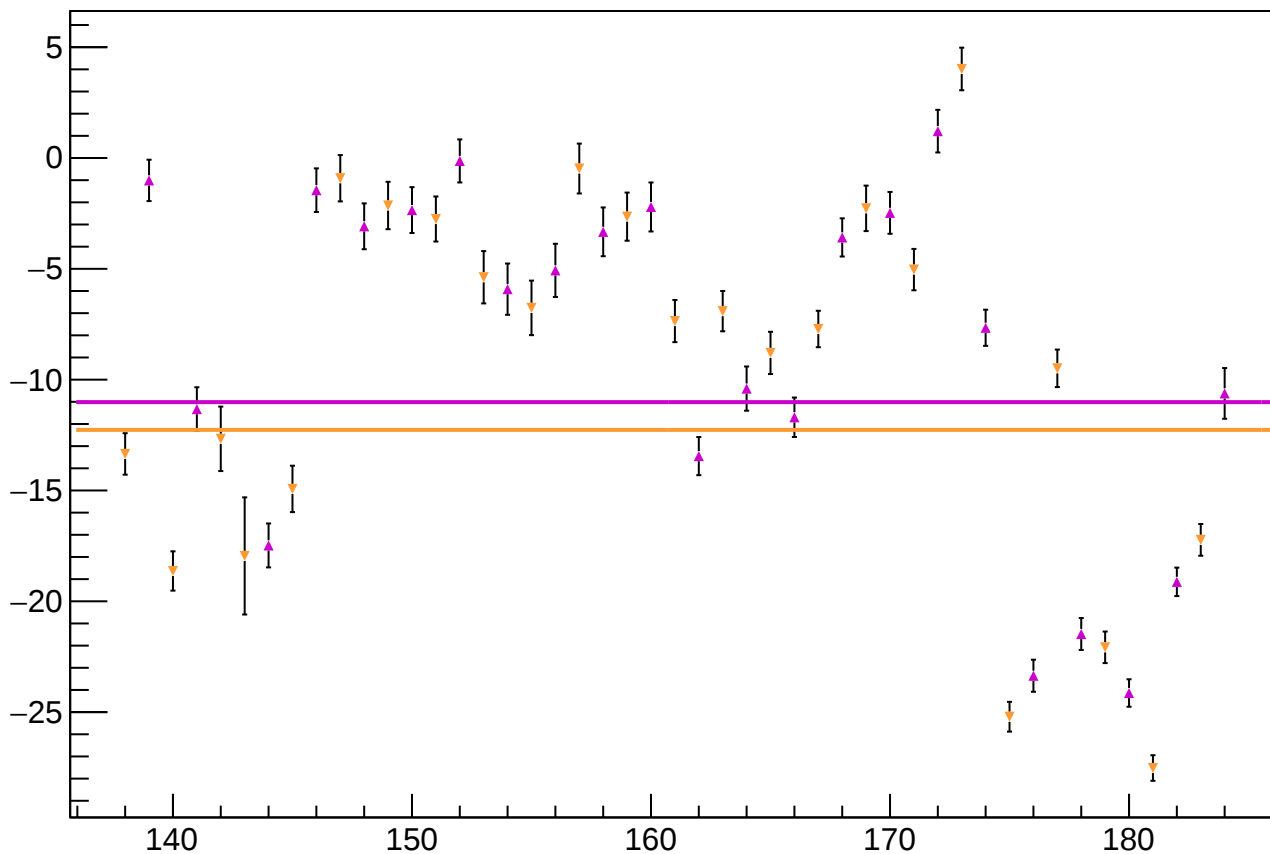
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -39.501 ± 0.012 $\chi^2/\text{NDF}: 143620.6/38$

Out: -40.242 ± 0.012 $\chi^2/\text{NDF}: 226568.2/40$

All: -39.864 ± 0.009 $\chi^2/\text{NDF}: 371990.7/79$

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: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.014 $\pm$ 0.187 χ^2/NDF :2116.6/22

Left: -11.638 $\pm$ 0.133 χ^2/NDF : 4607.4/46

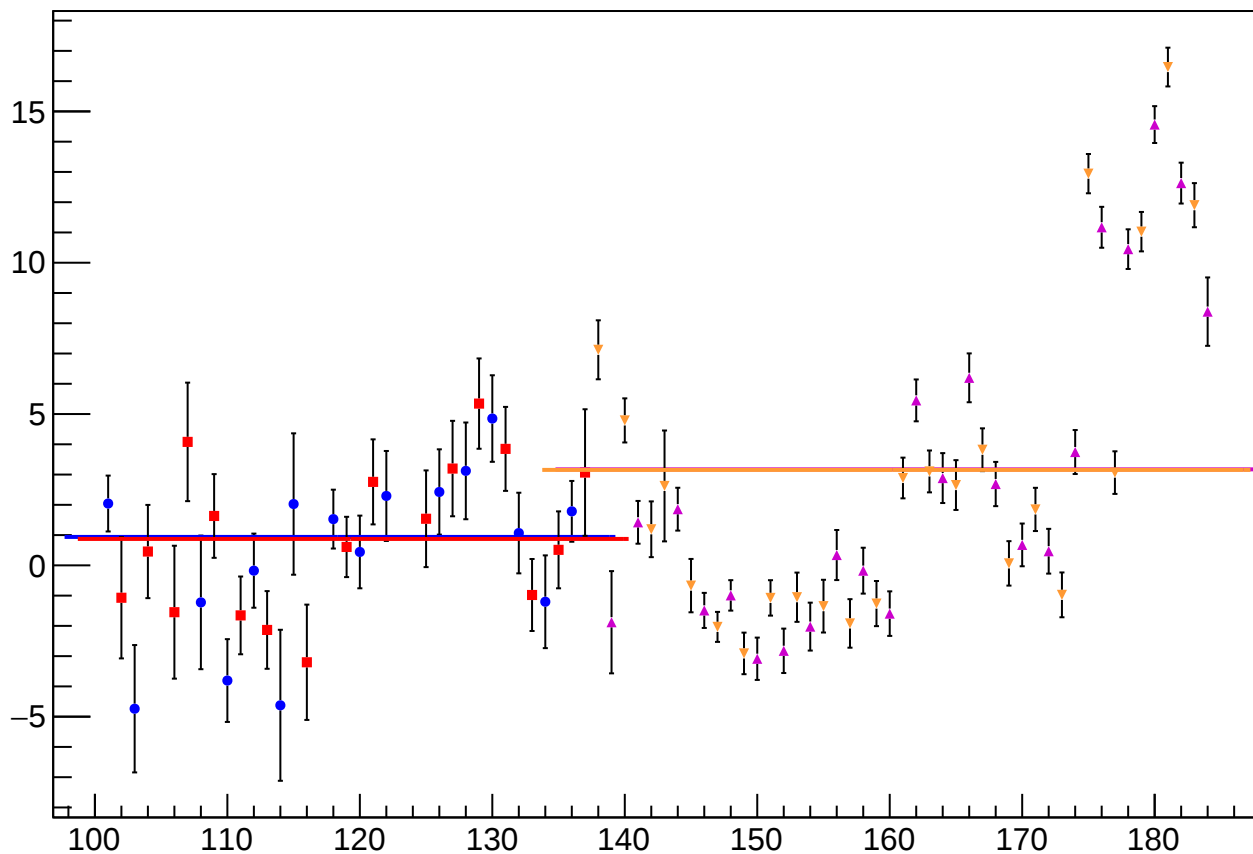
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.014 $\pm$ 0.187 χ^2/NDF :2116.6/22

Out: -12.267 $\pm$ 0.188 χ^2/NDF :2468.5/23

All: -11.638 $\pm$ 0.133 χ^2/NDF : 4607.4/46

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.154 ± 0.148 $\chi^2/\text{NDF}: 1416.1/23$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

Left: 3.163 ± 0.105 $\chi^2/\text{NDF}: 2714.0/46$

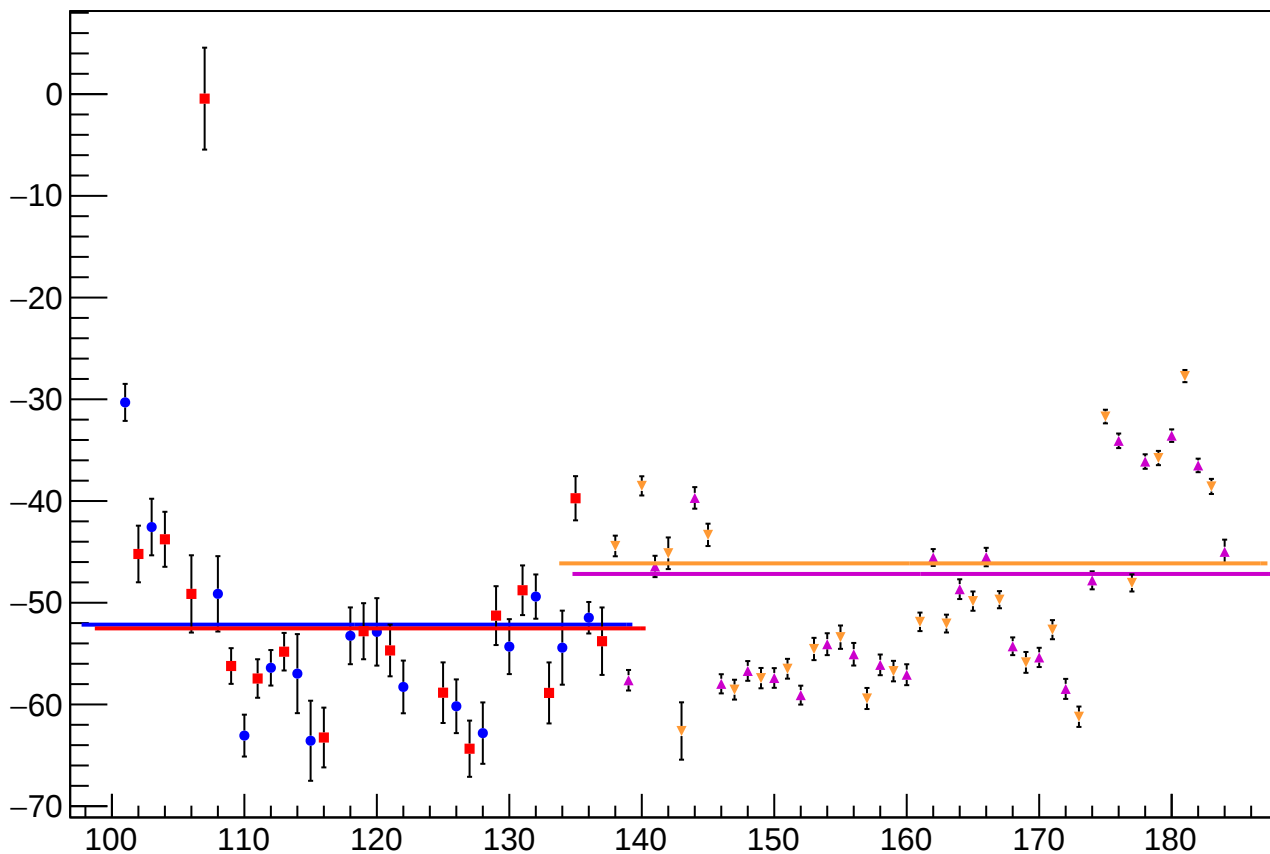
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: 2.808 ± 0.137 $\chi^2/\text{NDF}: 1376.5/38$

Out: 2.814 ± 0.137 $\chi^2/\text{NDF}: 1492.0/40$

All: 2.811 ± 0.097 $\chi^2/\text{NDF}: 2868.5/79$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.131 ± 0.187 χ^2/NDF : 3100.9/23

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

Left: -46.653 ± 0.132 χ^2/NDF : 5642.6/46

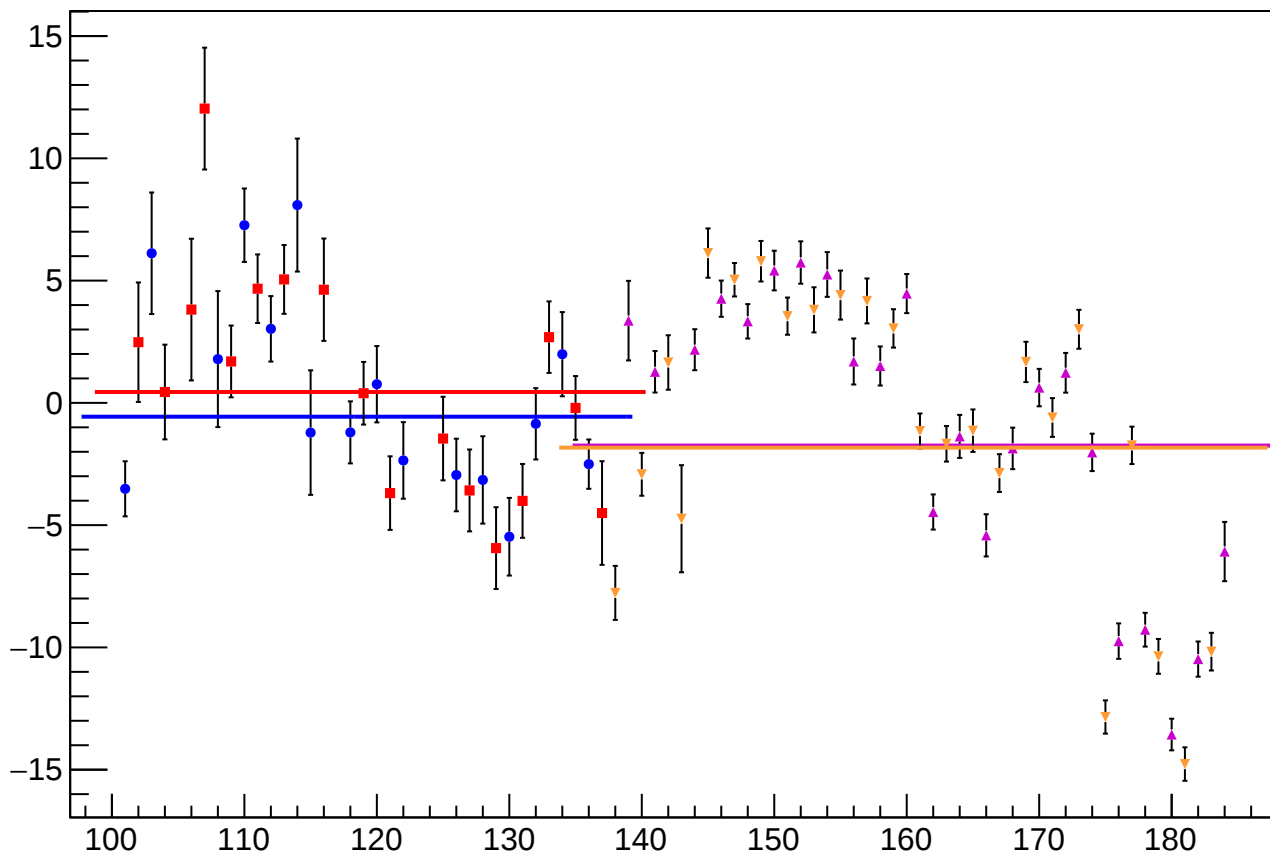
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -47.592 ± 0.178 χ^2/NDF : 2817.9/38

Out: -46.670 ± 0.179 χ^2/NDF : 3416.6/40

All: -47.133 ± 0.127 χ^2/NDF : 6247.7/79

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: -1.830 ± 0.168 χ^2/NDF : 1439.9/23

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

Left: -1.788 ± 0.119 χ^2/NDF : 2694.1/46

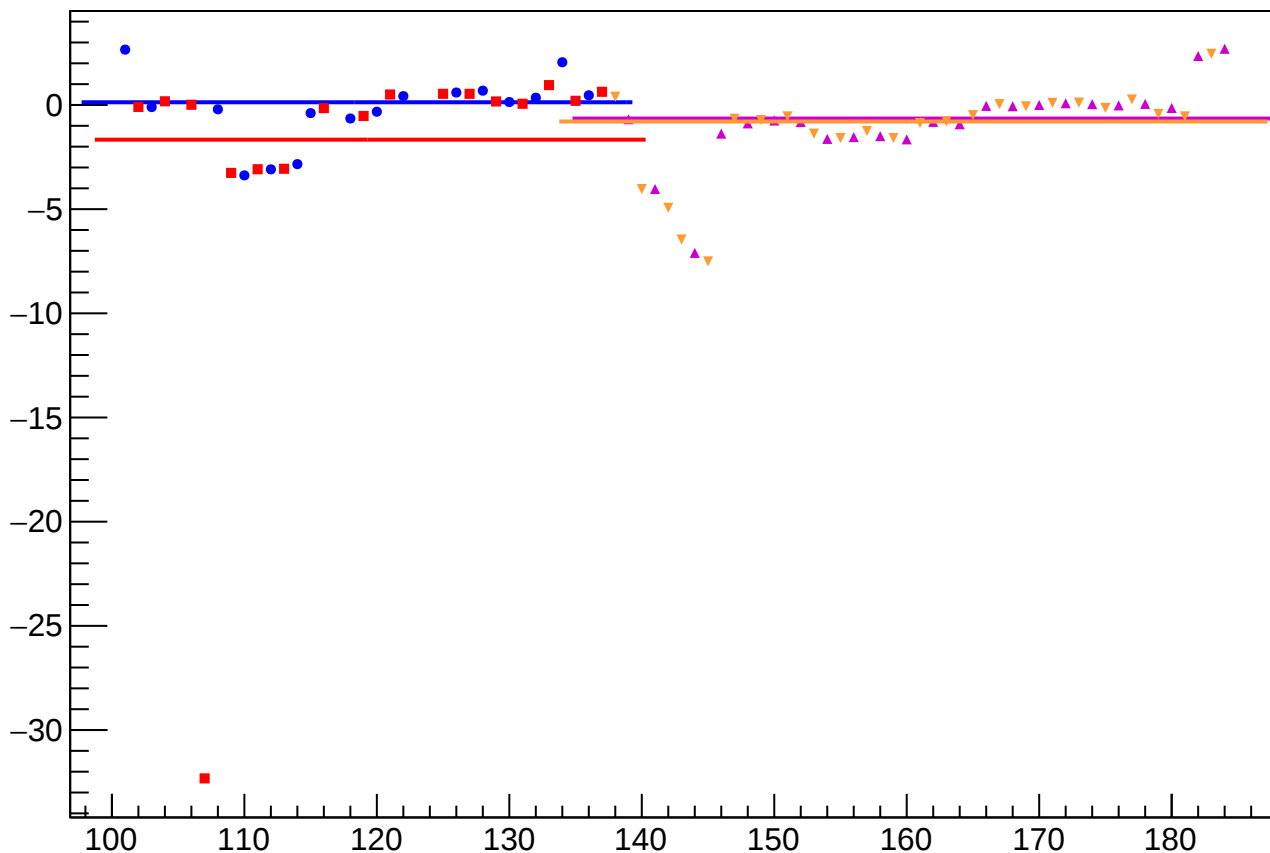
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: -1.556 ± 0.154 χ^2/NDF : 1343.9/38

Out: -1.490 ± 0.155 χ^2/NDF : 1561.5/40

All: -1.523 ± 0.109 χ^2/NDF : 2905.4/79

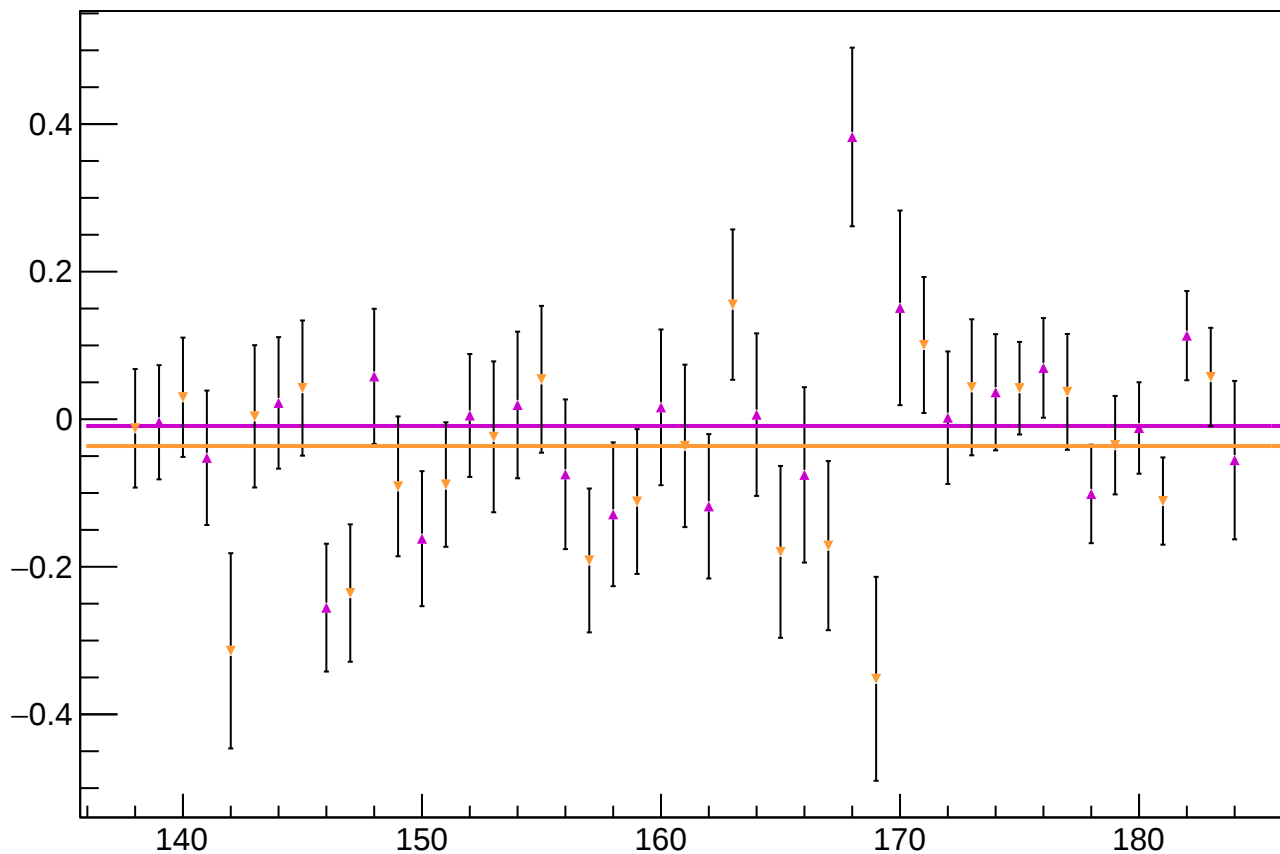
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.793 ± 0.008 $\chi^2/\text{NDF}: 52752.3/23$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

Left: -0.722 ± 0.005 $\chi^2/\text{NDF}: 97089.5/46$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -0.564 ± 0.007 $\chi^2/\text{NDF}: 50572.9/38$
 Out: -0.889 ± 0.007 $\chi^2/\text{NDF}: 131766.1/40$
 All: -0.725 ± 0.005 $\chi^2/\text{NDF}: 183348.4/79$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Left: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.3/46

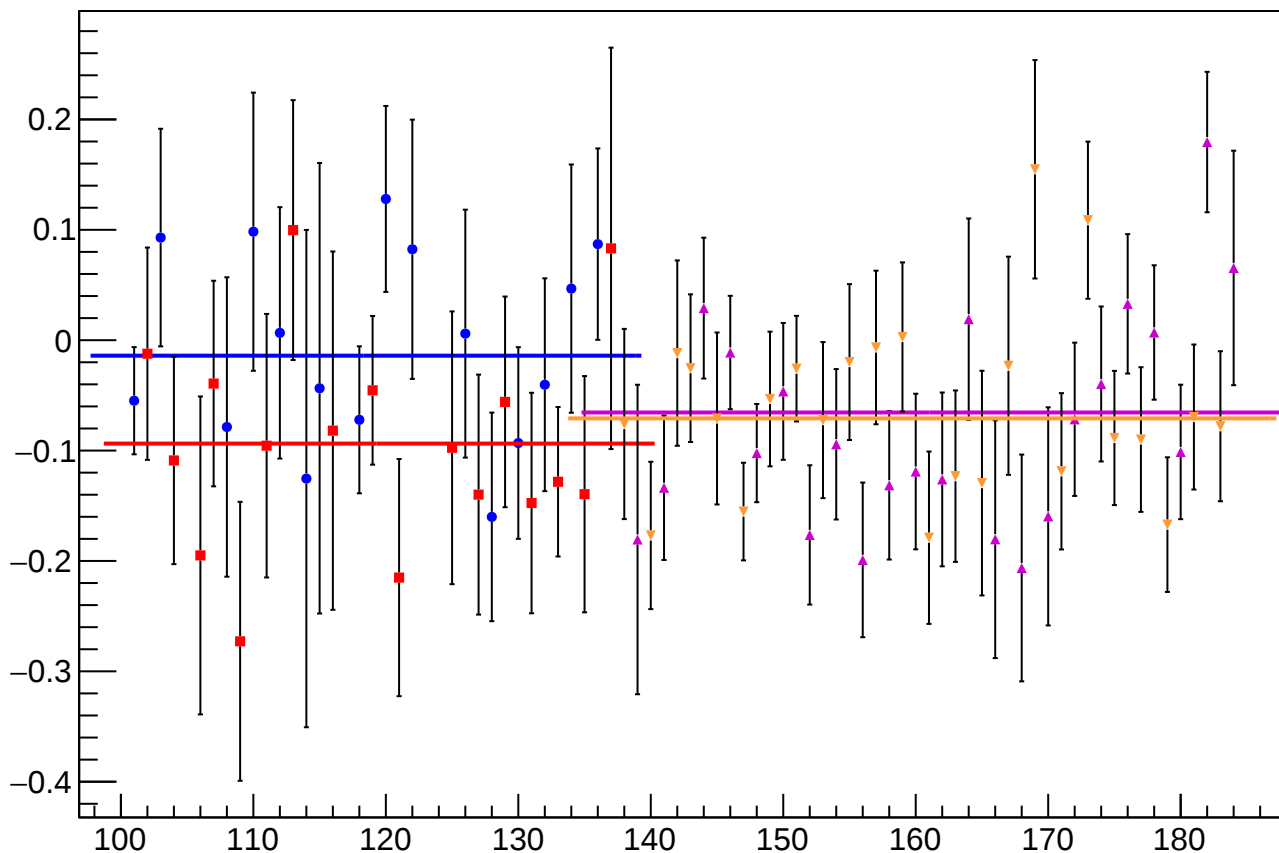
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/23

All: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.3/46

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/23

Right Out: -0.094 ± 0.025 χ^2/NDF : 10.1/16

Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

Left: -0.068 ± 0.010 χ^2/NDF : 68.7/46

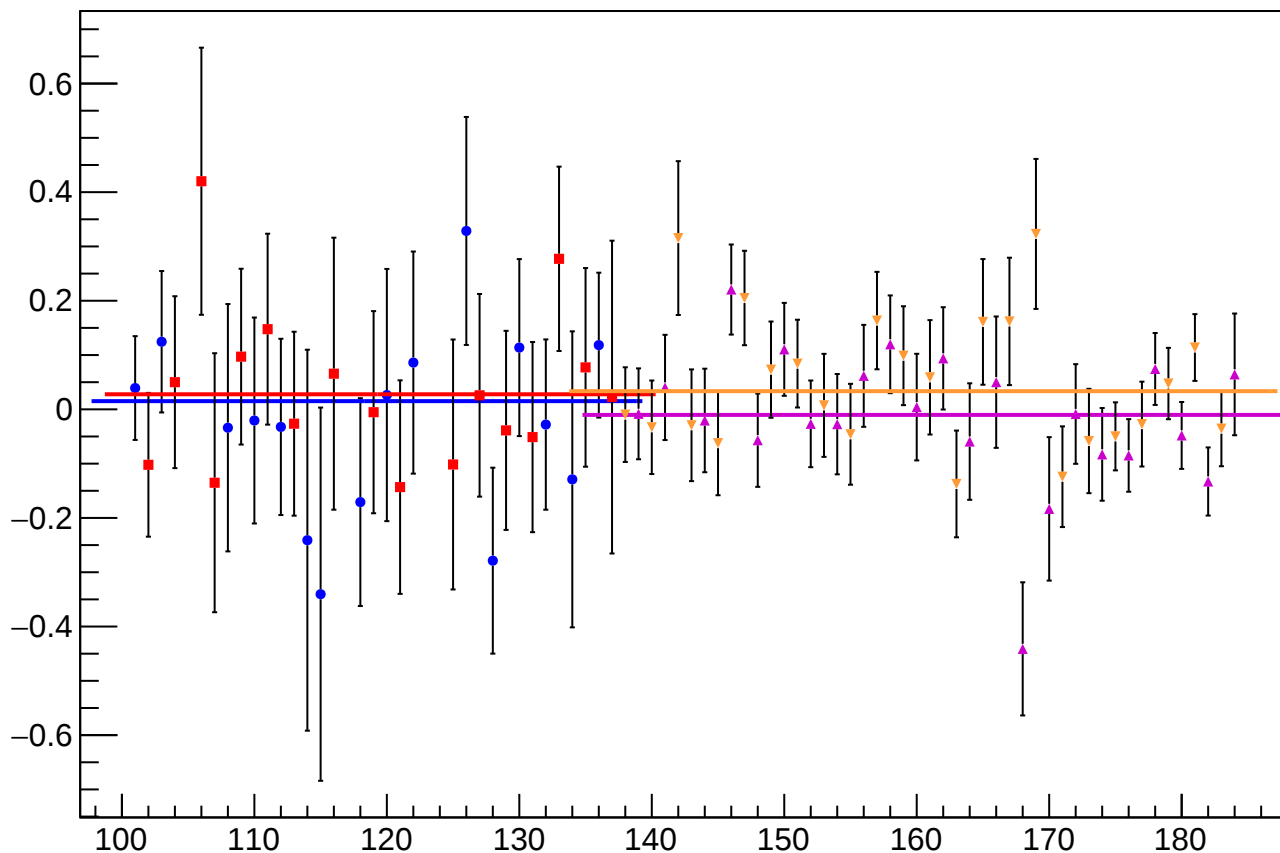
Right: -0.051 ± 0.017 χ^2/NDF : 28.1/32

In: -0.051 ± 0.012 χ^2/NDF : 56.4/38

Out: -0.076 ± 0.012 χ^2/NDF : 39.0/40

All: -0.064 ± 0.009 χ^2/NDF : 97.5/79

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2/NDF : 10.1/15

Left Out: 0.033 $\pm$ 0.018 χ^2/NDF :32.9/23

Right Out: 0.028 $\pm$ 0.045 χ^2/NDF : 8.4/16

Left In: -0.010 $\pm$ 0.018 χ^2/NDF :37.1/22

Left: 0.012 $\pm$ 0.013 χ^2/NDF : 72.9/46

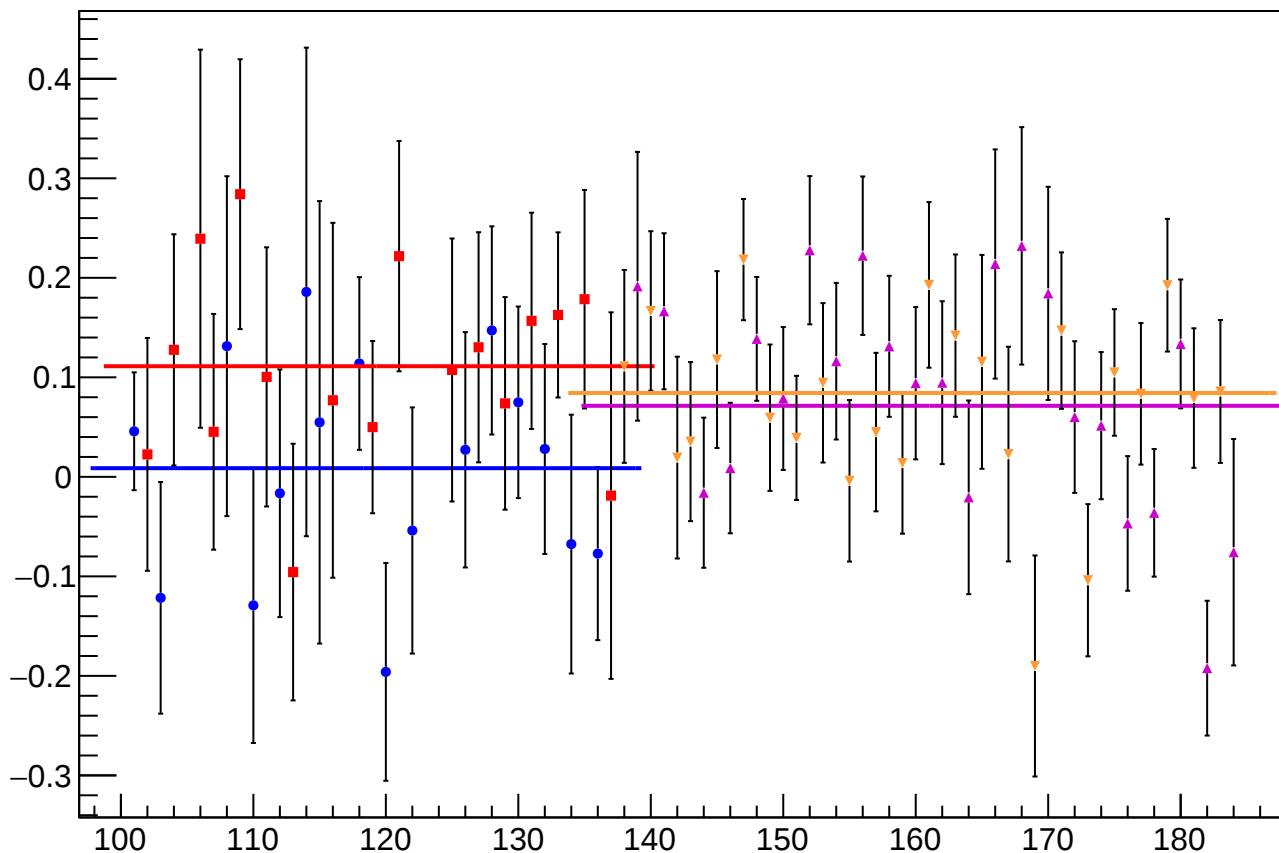
Right: 0.021 $\pm$ 0.031 χ^2/NDF : 18.6/32

In: -0.006 $\pm$ 0.017 χ^2/NDF :47.5/38

Out: 0.033 $\pm$ 0.017 χ^2/NDF :41.3/40

All: 0.013 $\pm$ 0.012 χ^2/NDF : 91.6/79

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.084 $\pm$ 0.016 χ^2 /NDF: 28.1/23

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.071 $\pm$ 0.016 χ^2 /NDF: 44.0/22

Left: 0.078 $\pm$ 0.011 χ^2 /NDF: 72.4/46

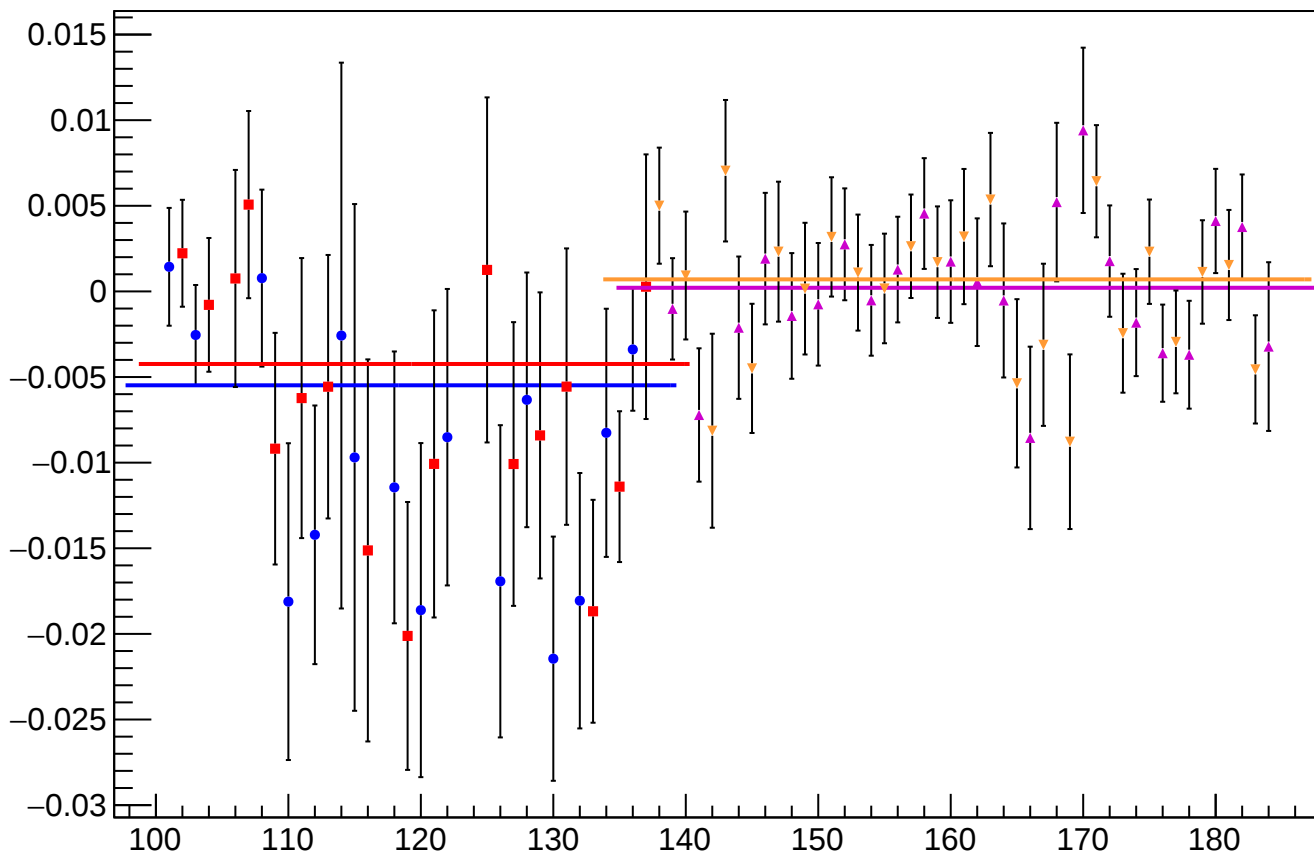
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.055 $\pm$ 0.014 χ^2 /NDF: 60.5/38

Out: 0.091 $\pm$ 0.014 χ^2 /NDF: 37.4/40

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 101.3/79

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 : 25.5/23

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 22.4/22

Left: 0.000 ± 0.001 χ^2/NDF : 48.1/46

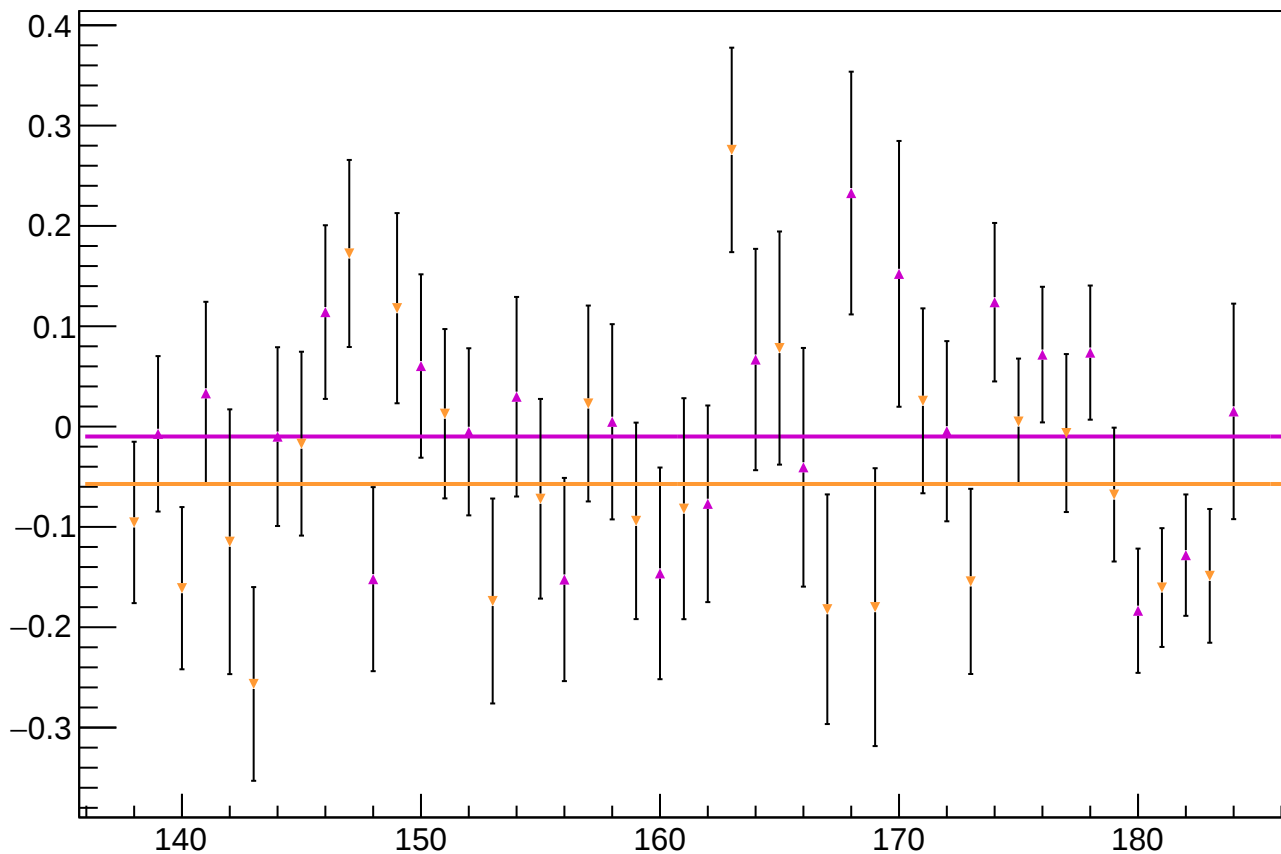
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.001 ± 0.001 χ^2/NDF : 57.0/38

Out: -0.000 ± 0.001 χ^2/NDF : 58.3/40

All: -0.001 ± 0.000 χ^2/NDF : 115.9/79

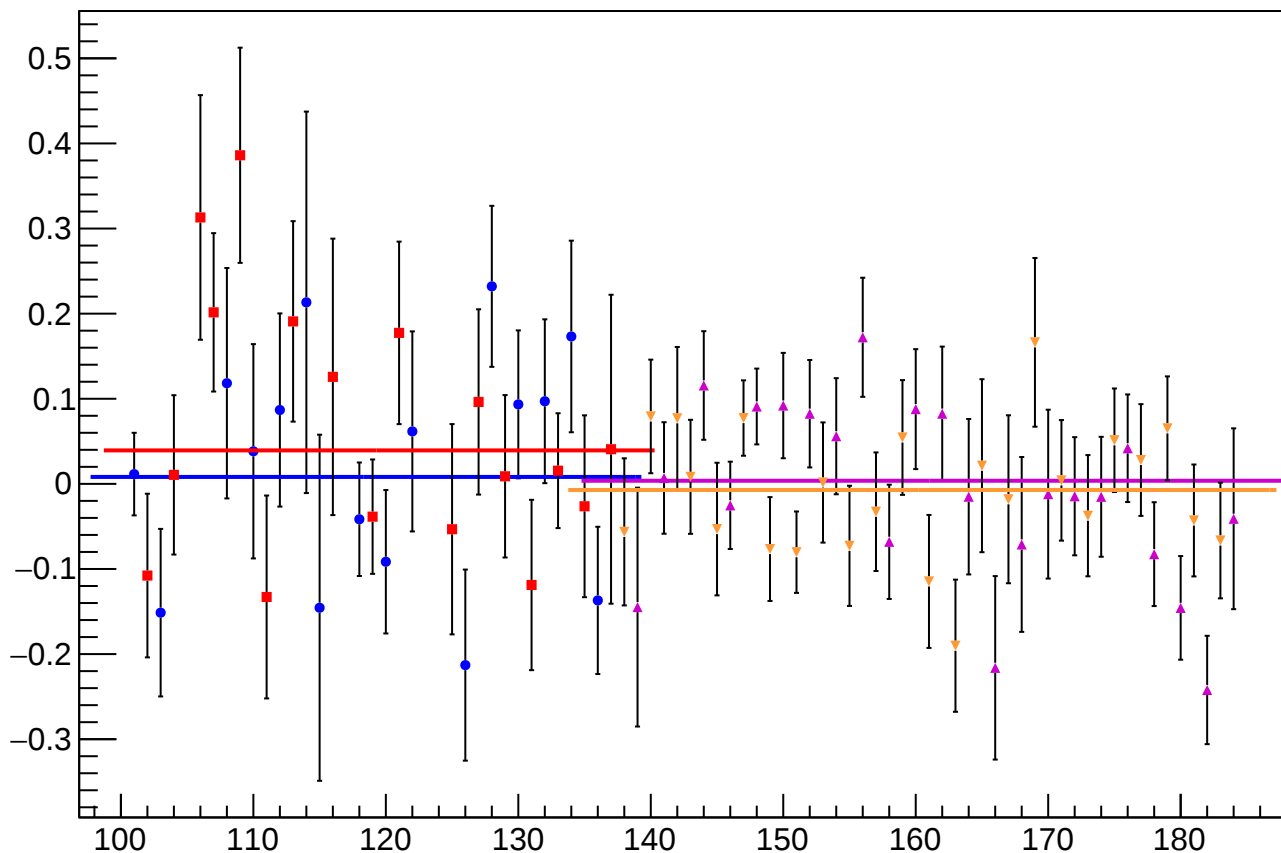
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22

Left: -0.034 $\pm$ 0.013 χ^2 /NDF: 77.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22
 Out: -0.057 $\pm$ 0.018 χ^2 /NDF:41.2/23
 All: -0.034 $\pm$ 0.013 χ^2 /NDF: 77.9/46

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.007 $\pm$ 0.014 χ^2 /NDF:27.0/23

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 27.6/16

Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.3/22

Left: -0.002 $\pm$ 0.010 χ^2 /NDF: 77.6/46

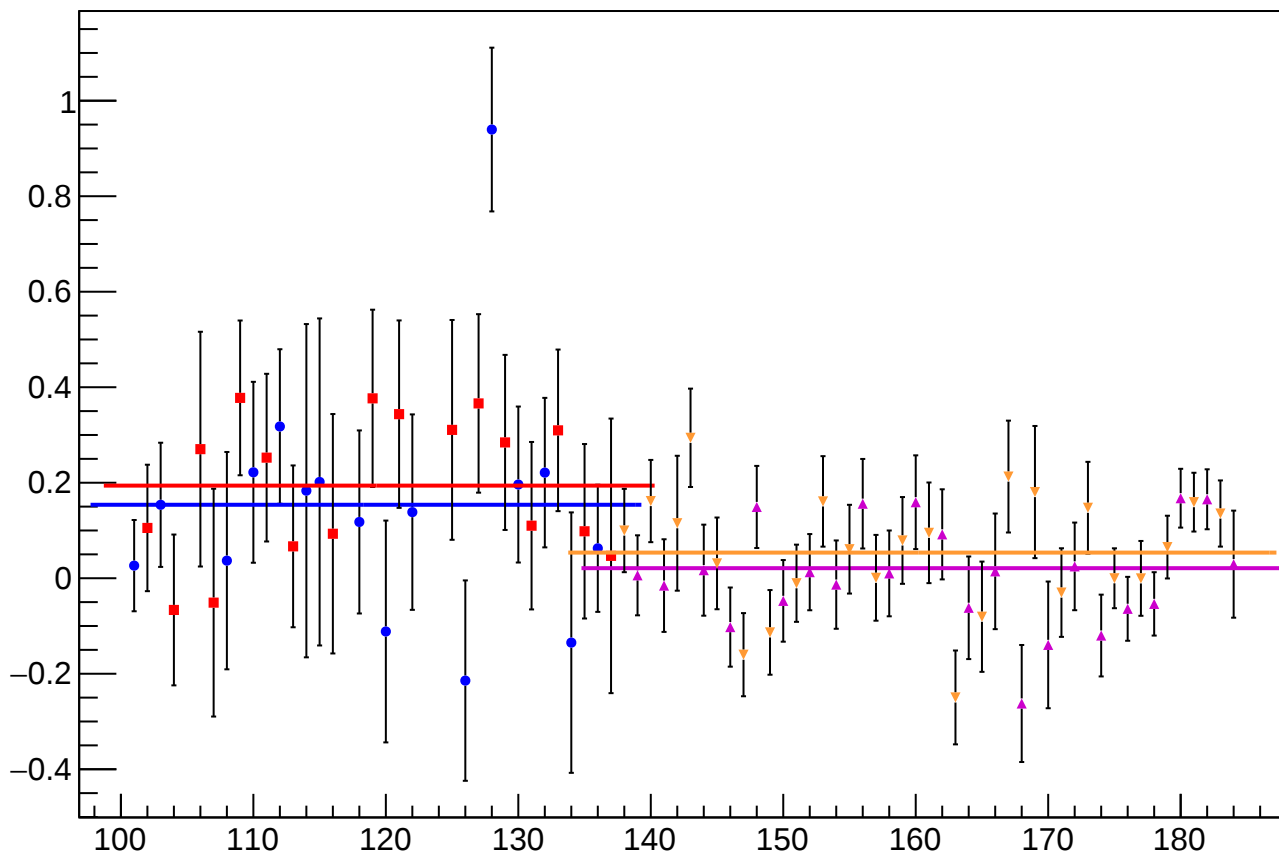
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.1/32

In: 0.005 $\pm$ 0.012 χ^2 /NDF:74.0/38

Out: 0.004 $\pm$ 0.012 χ^2 /NDF:57.3/40

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 131.3/79

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.054 $\pm$ 0.018 χ^2 /NDF:40.5/23

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/22

Left: 0.038 $\pm$ 0.013 χ^2 /NDF: 76.2/46

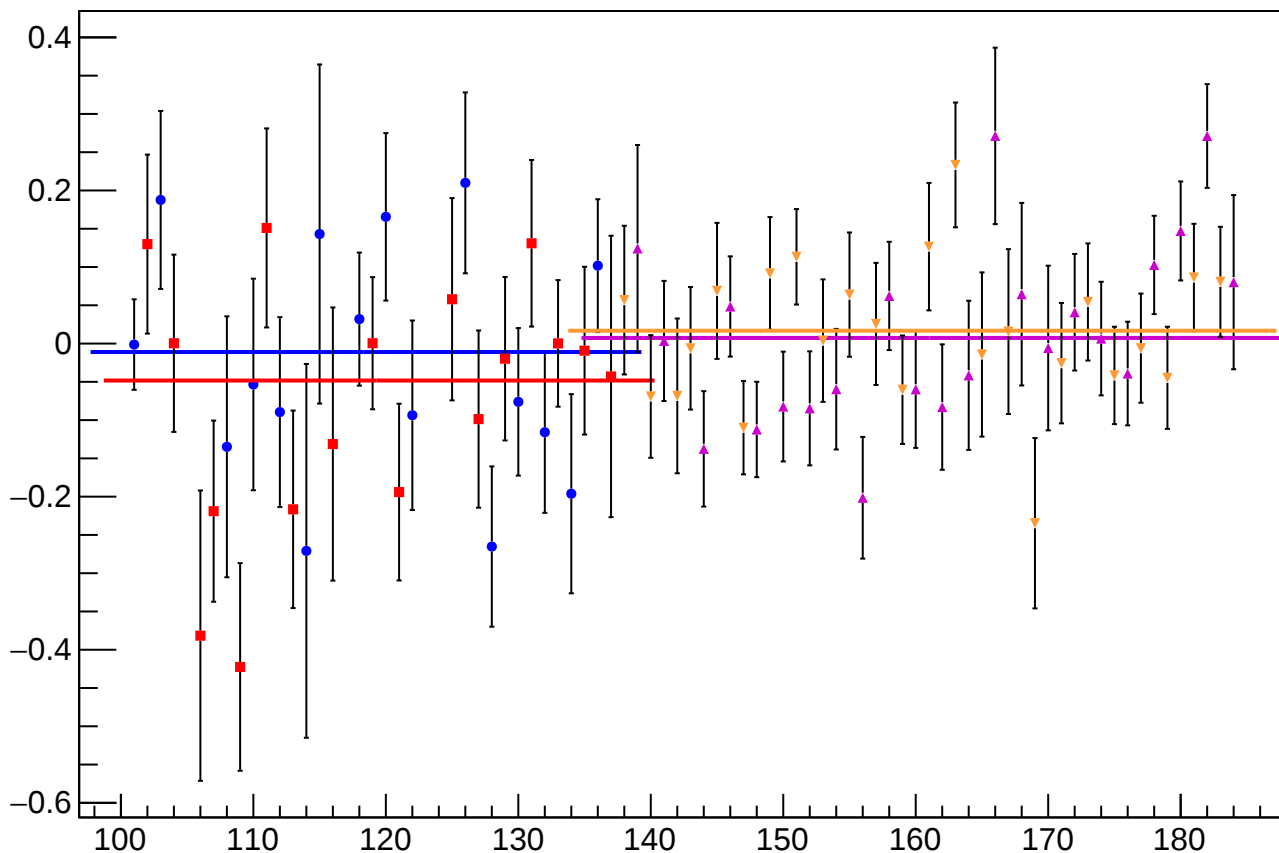
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.041 $\pm$ 0.017 χ^2 /NDF:72.7/38

Out: 0.073 $\pm$ 0.017 χ^2 /NDF:59.5/40

All: 0.057 $\pm$ 0.012 χ^2 /NDF: 134.0/79

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.017 ± 0.016 χ^2/NDF : 29.9/23

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

Left: 0.012 ± 0.011 χ^2/NDF : 80.7/46

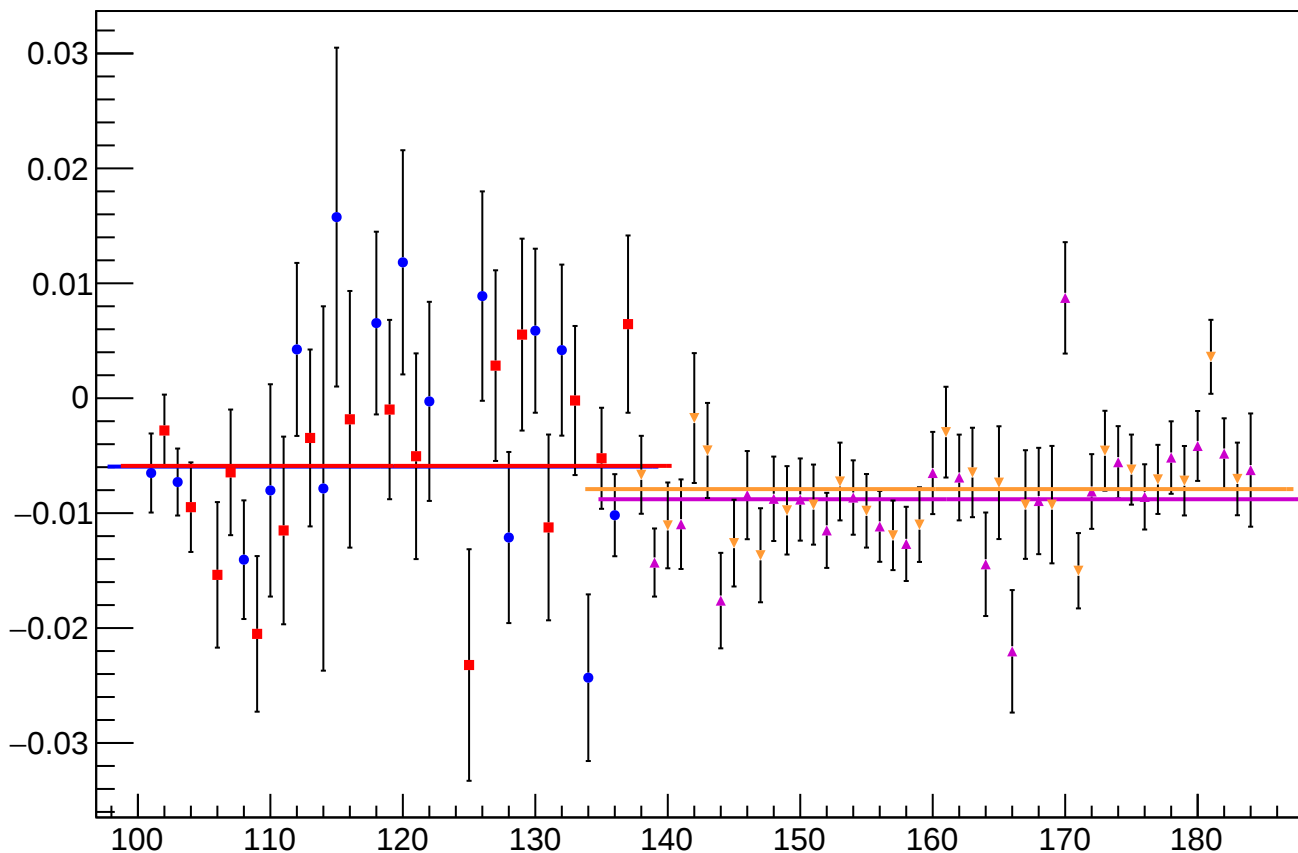
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: 0.002 ± 0.014 χ^2/NDF : 74.4/38

Out: 0.001 ± 0.014 χ^2/NDF : 59.4/40

All: 0.002 ± 0.010 χ^2/NDF : 133.8/79

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: -0.008 ± 0.001 χ^2/NDF : 30.5/23

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.009 ± 0.001 χ^2/NDF : 39.2/22

Left: -0.008 ± 0.001 χ^2/NDF : 70.4/46

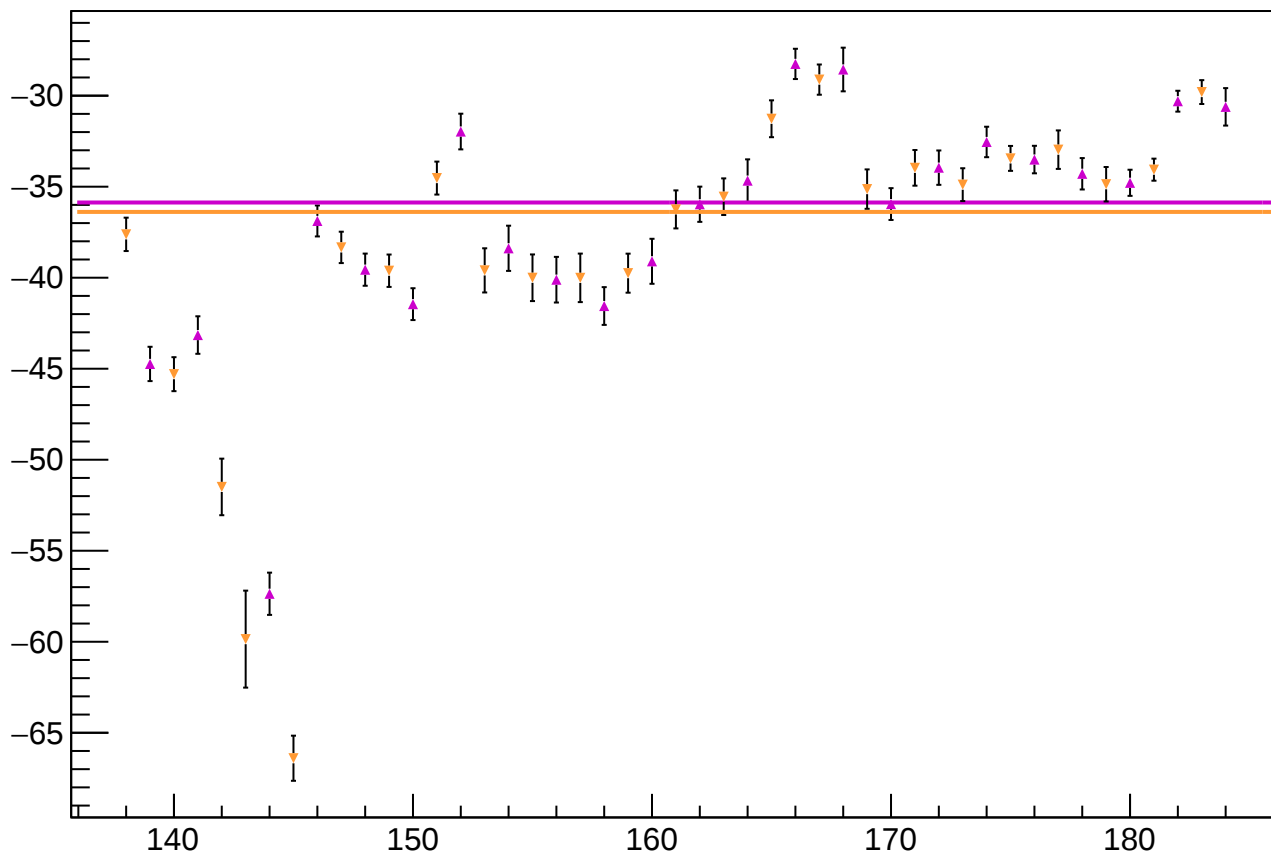
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.008 ± 0.001 χ^2/NDF : 71.0/38

Out: -0.008 ± 0.001 χ^2/NDF : 51.6/40

All: -0.008 ± 0.000 χ^2/NDF : 123.2/79

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

Left: -36.124+/-0.136 χ^2/NDF : 2057.2/46

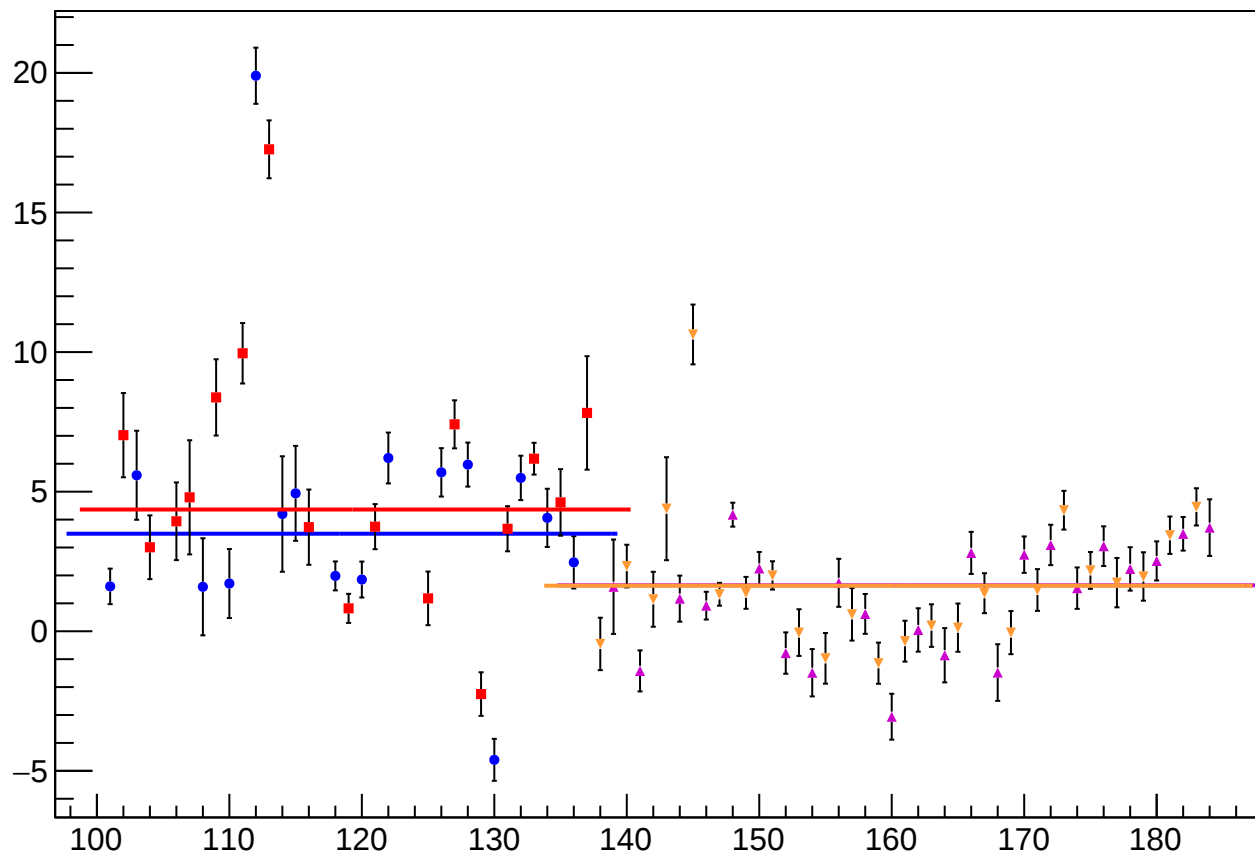
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.869+/-0.191 χ^2/NDF :887.1/22

Out: -36.386+/-0.193 χ^2/NDF :1166.4/23

All: -36.124+/-0.136 χ^2/NDF : 2057.2/46

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.632 $\pm$ 0.148 χ^2 /NDF:167.8/23

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.646 $\pm$ 0.149 χ^2 /NDF:164.1/22

Left: 1.639 $\pm$ 0.105 χ^2 /NDF: 331.9/46

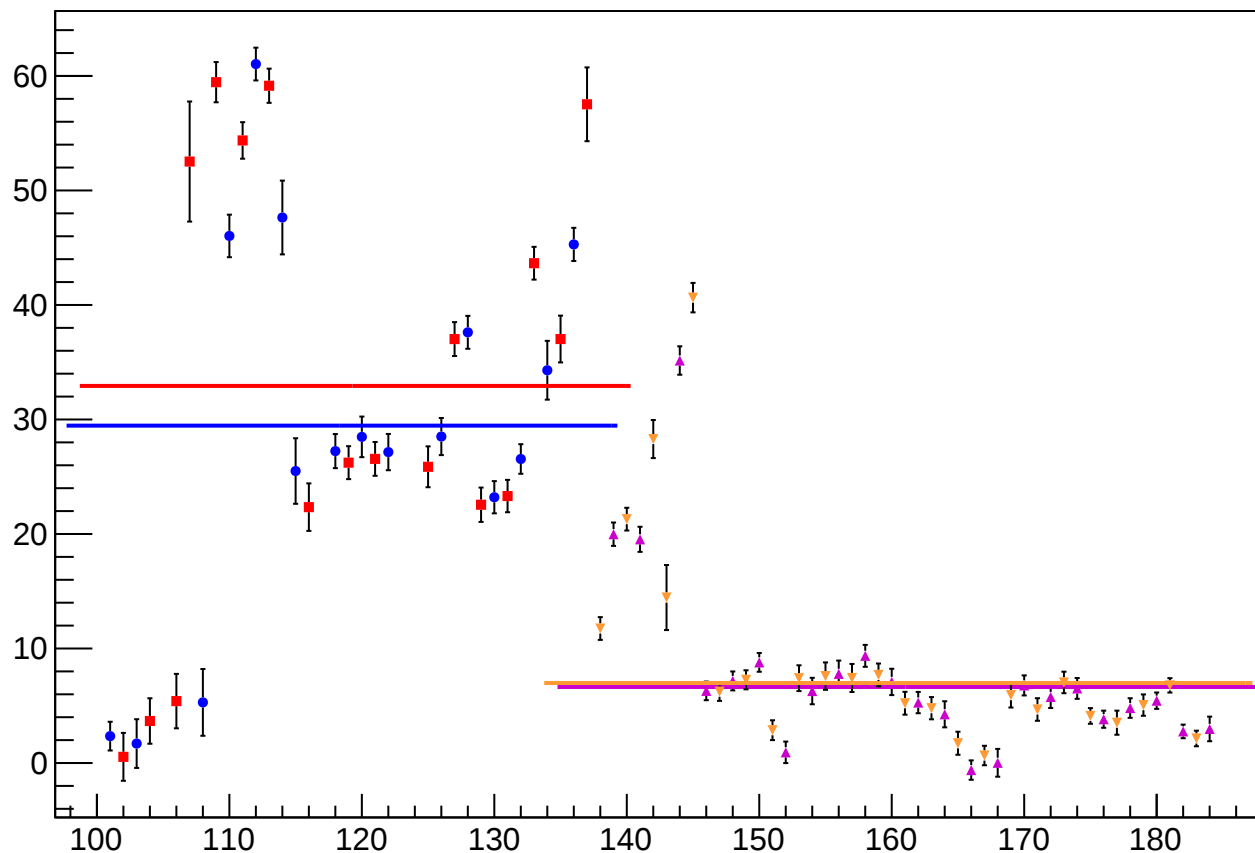
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.236 $\pm$ 0.123 χ^2 /NDF:658.0/38

Out: 2.457 $\pm$ 0.124 χ^2 /NDF:621.1/40

All: 2.346 $\pm$ 0.087 χ^2 /NDF: 1280.7/79

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 6.988+/-0.193 χ^2/NDF :1291.7/23

Right Out: 32.930+/-0.423 χ^2/NDF : 1624.4/16

Left In: 6.639+/-0.190 χ^2/NDF :1077.2/22

Left: 6.811+/-0.135 χ^2/NDF : 2370.6/46

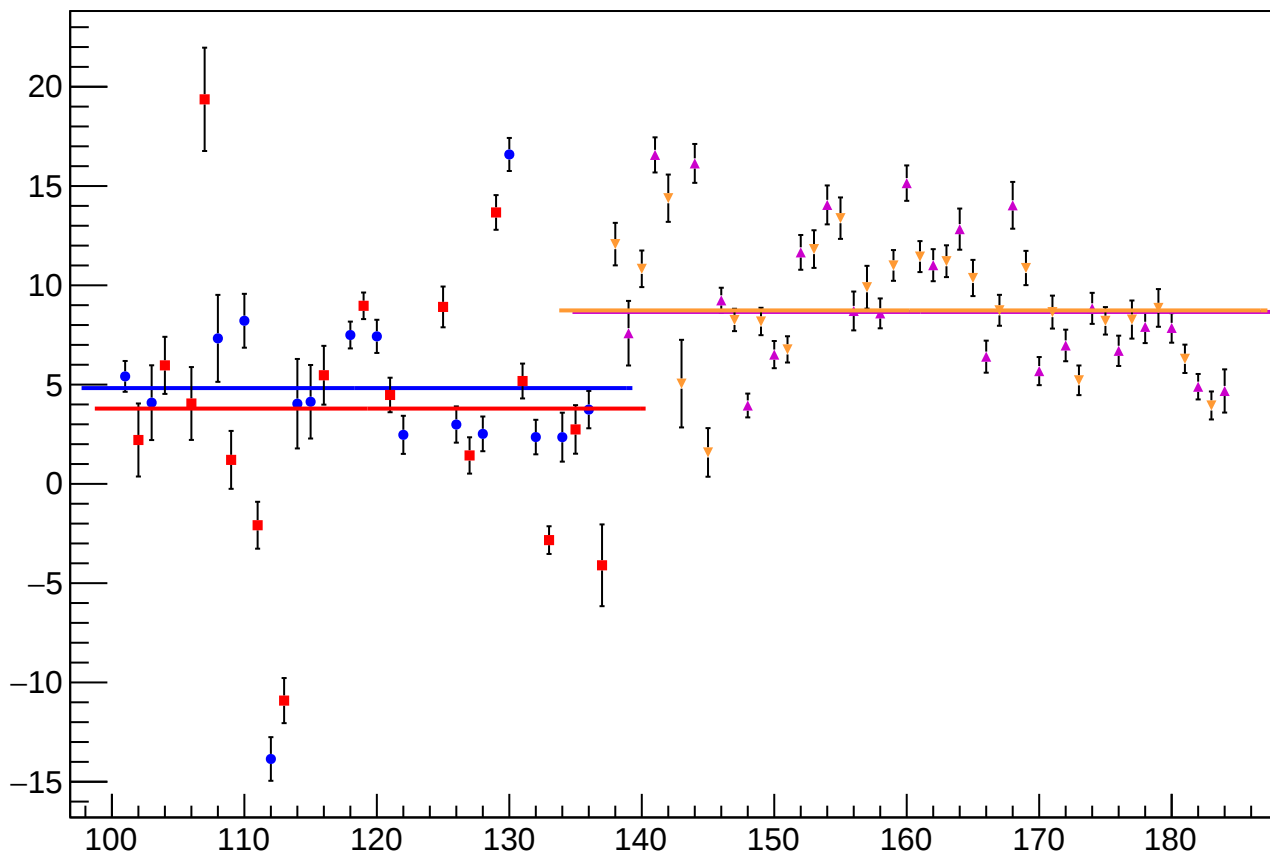
Right: 31.172+/-0.297 χ^2/NDF : 3150.0/32

In: 10.547+/-0.173 χ^2/NDF :5045.4/38

Out: 11.437+/-0.175 χ^2/NDF :6025.0/40

All: 10.985+/-0.123 χ^2/NDF : 11083.5/79

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 8.736 $\pm$ 0.170 χ^2 /NDF:236.5/23

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 8.659 $\pm$ 0.170 χ^2 /NDF:438.0/22

Left: 8.697 $\pm$ 0.120 χ^2 /NDF: 674.6/46

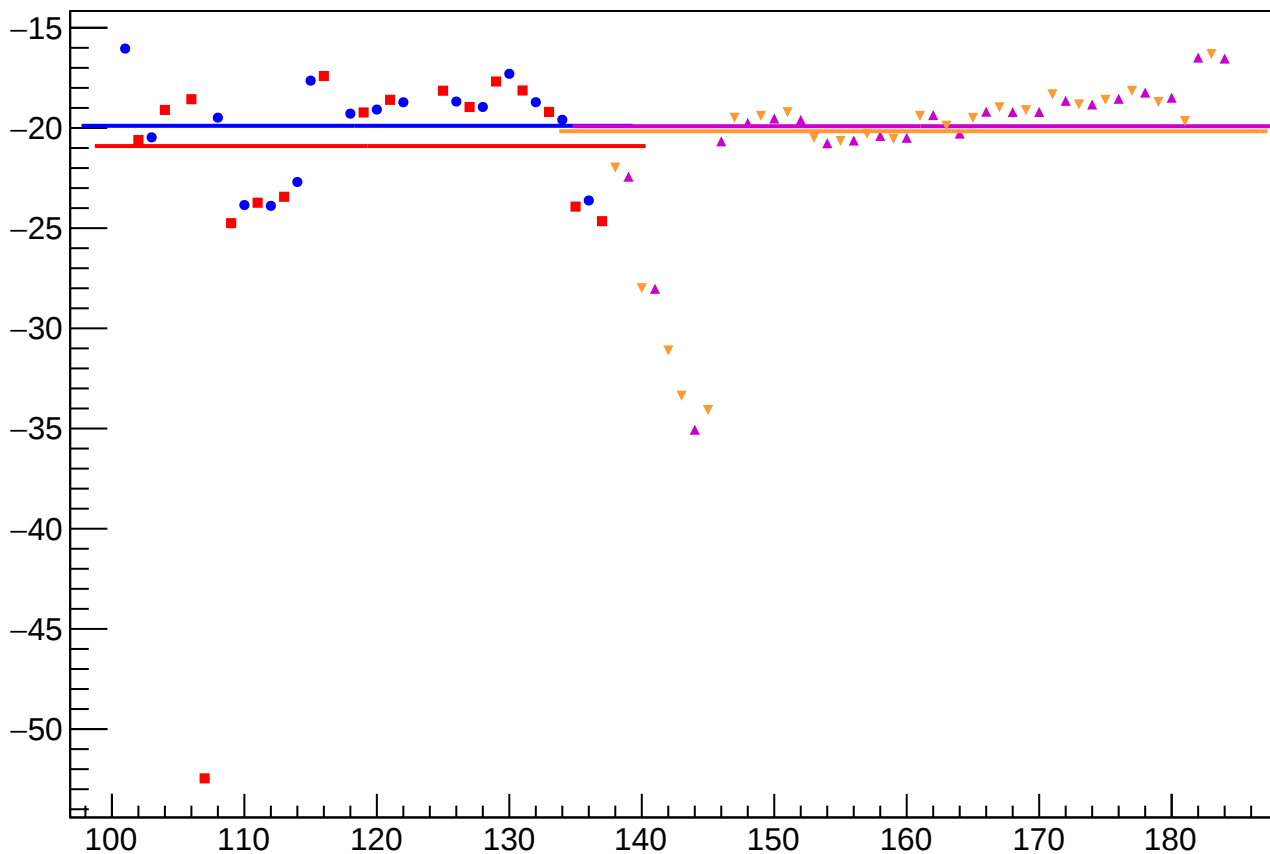
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.460 $\pm$ 0.141 χ^2 /NDF:1150.6/38

Out: 7.248 $\pm$ 0.142 χ^2 /NDF:1054.9/40

All: 7.355 $\pm$ 0.100 χ^2 /NDF: 2206.6/79

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 $\pm$ 0.016 χ^2 /NDF: 26092.3/15

Left Out: -20.164 $\pm$ 0.008 χ^2 /NDF:179671.0/23

Right Out: -20.904 $\pm$ 0.016 χ^2 /NDF: 92802.8/16

Left In: -19.912 $\pm$ 0.008 χ^2 /NDF:145487.3/22

Left: -20.035 $\pm$ 0.006 χ^2 /NDF: 325665.9/46

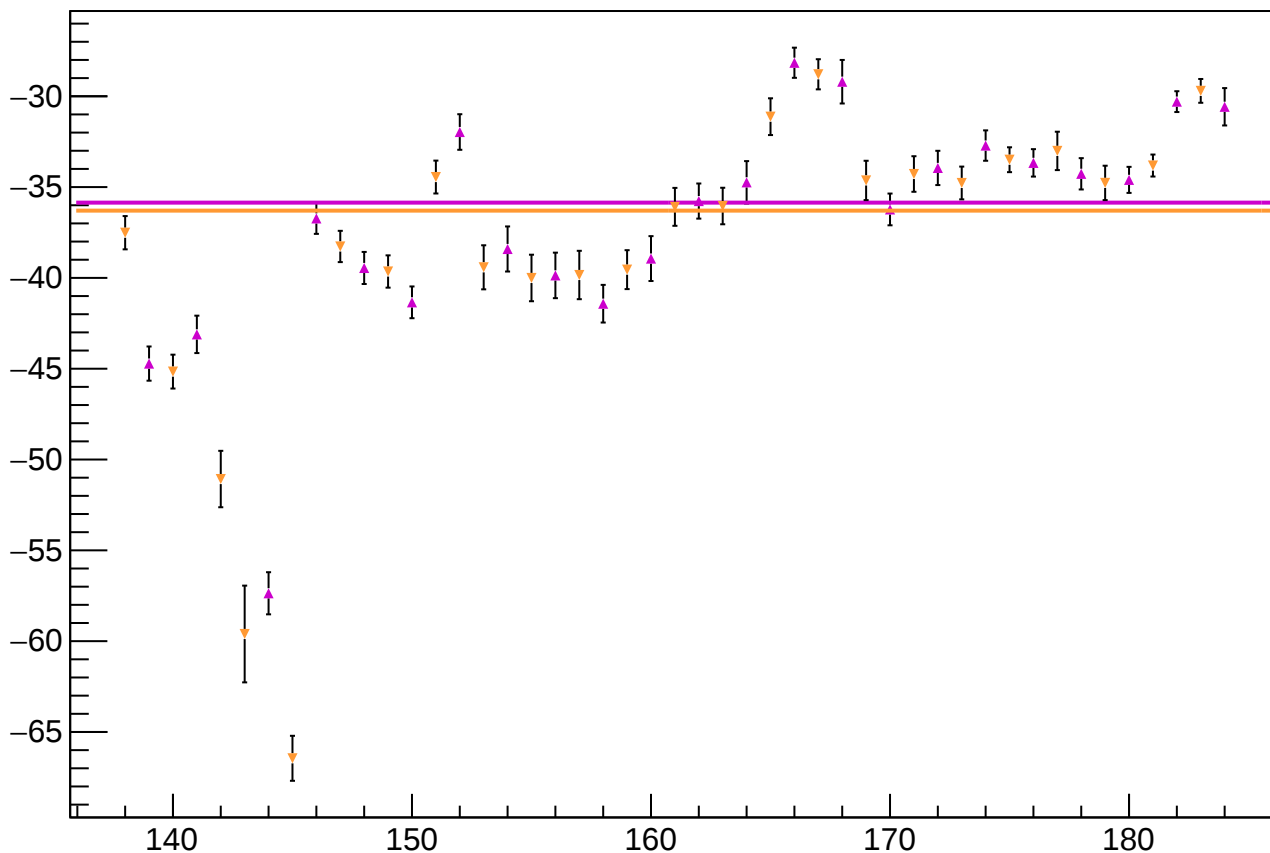
Right: -20.393 $\pm$ 0.011 χ^2 /NDF: 120979.2/32

In: -19.908 $\pm$ 0.007 χ^2 /NDF:171581.0/38

Out: -20.315 $\pm$ 0.007 χ^2 /NDF:274232.0/40

All: -20.108 $\pm$ 0.005 χ^2 /NDF: 447476.5/79

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.856+/-0.191 χ^2/NDF :875.9/22

Left: -36.073+/-0.136 χ^2/NDF : 2049.9/46

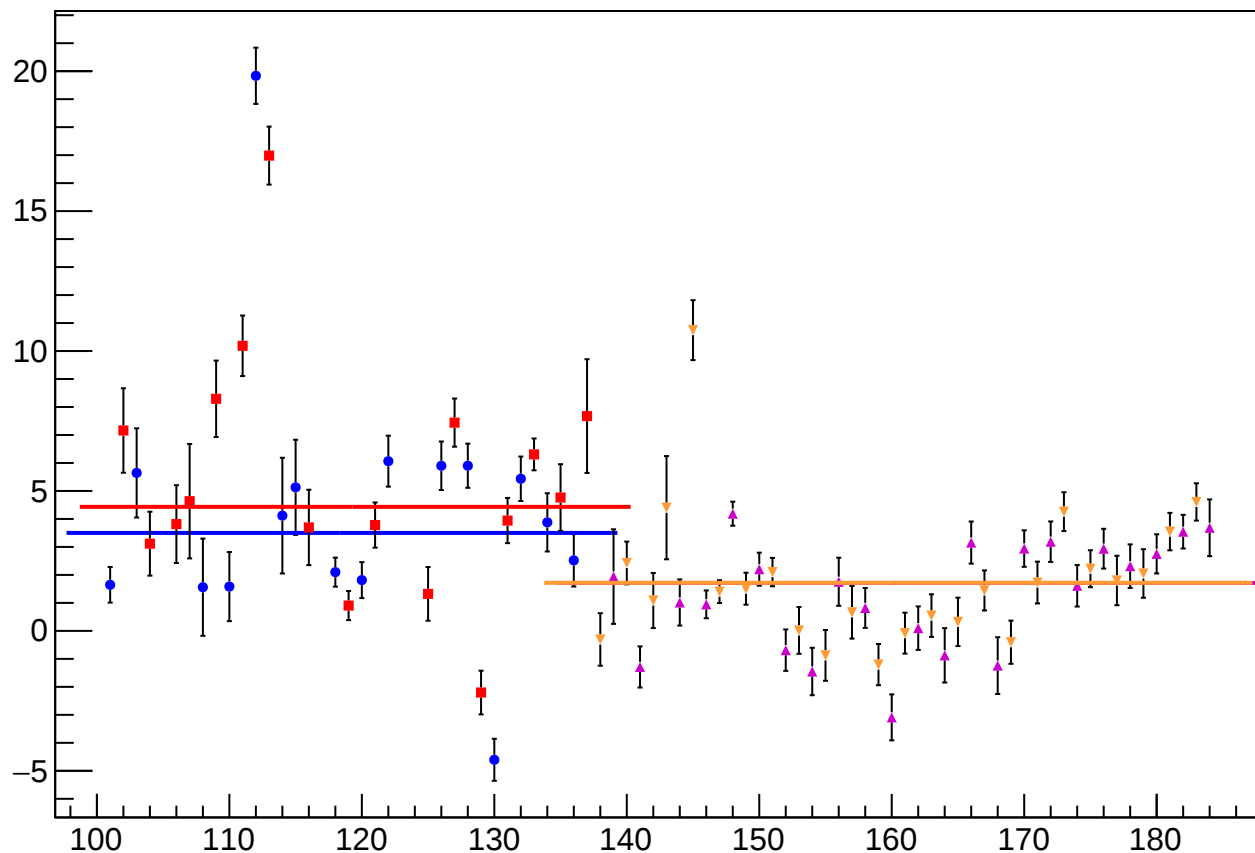
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.856+/-0.191 χ^2/NDF :875.9/22

Out: -36.296+/-0.193 χ^2/NDF :1171.4/23

All: -36.073+/-0.136 χ^2/NDF : 2049.9/46

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: 1.717 ± 0.148 χ^2/NDF : 169.0/23

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

Left: 1.715 ± 0.105 χ^2/NDF : 333.1/46

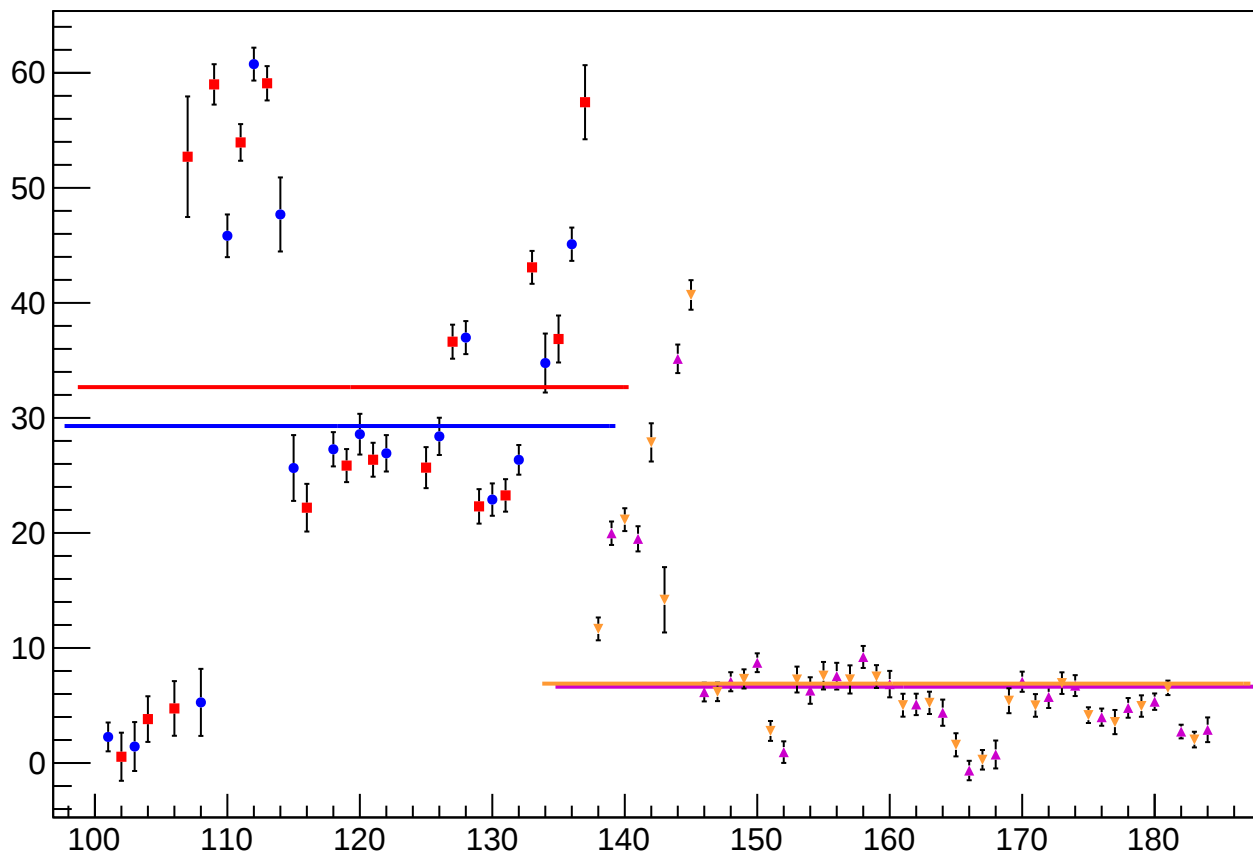
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.284 ± 0.123 χ^2/NDF : 652.0/38

Out: 2.538 ± 0.124 χ^2/NDF : 614.0/40

All: 2.410 ± 0.087 χ^2/NDF : 1268.1/79

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297+/-0.417 χ^2/NDF : 1485.2/15

Left Out: 6.901+/-0.193 χ^2/NDF :1293.3/23

Right Out: 32.679+/-0.423 χ^2/NDF : 1614.8/16

Left In: 6.635+/-0.190 χ^2/NDF :1070.4/22

Left: 6.766+/-0.135 χ^2/NDF : 2364.7/46

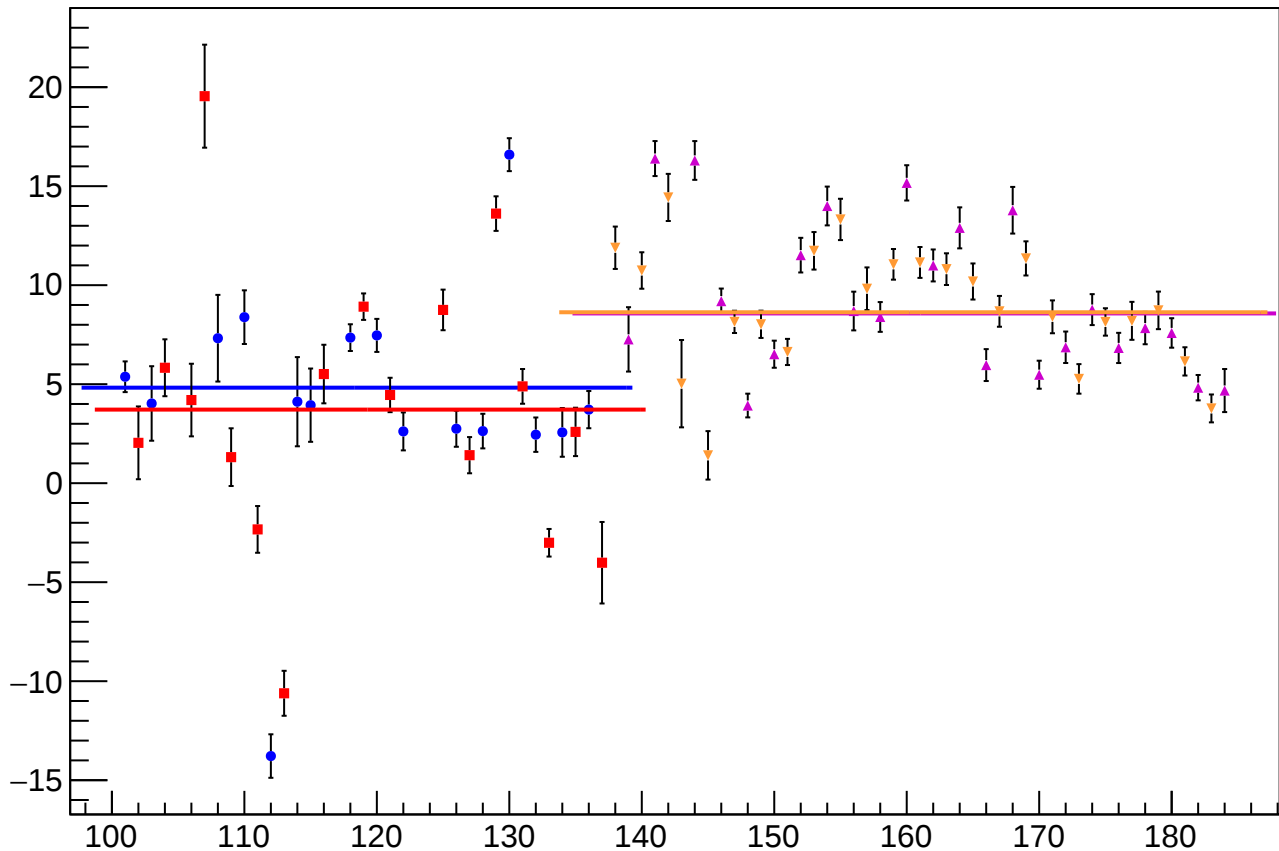
Right: 30.964+/-0.297 χ^2/NDF : 3132.4/32

In: 10.515+/-0.173 χ^2/NDF :5000.6/38

Out: 11.323+/-0.175 χ^2/NDF :5981.9/40

All: 10.913+/-0.123 χ^2/NDF : 10993.2/79

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.632 ± 0.170 χ^2/NDF : 239.9/23

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

Left: 8.602 ± 0.120 χ^2/NDF : 683.4/46

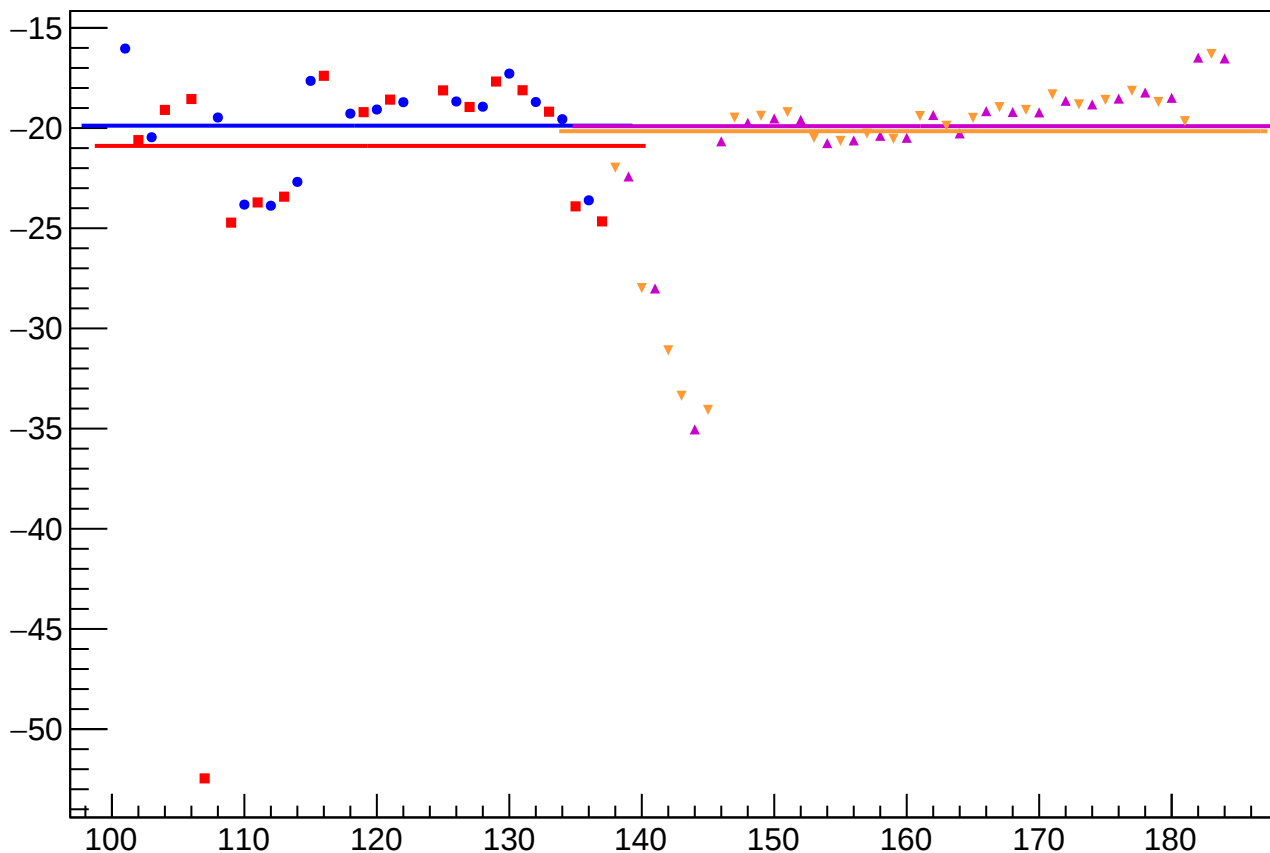
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.401 ± 0.141 χ^2/NDF : 1145.4/38

Out: 7.152 ± 0.142 χ^2/NDF : 1052.1/40

All: 7.278 ± 0.100 χ^2/NDF : 2199.0/79

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: -20.156 ± 0.008 $\chi^2/\text{NDF}: 179830.3/23$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

Left: -20.028 ± 0.006 $\chi^2/\text{NDF}: 325686.6/46$

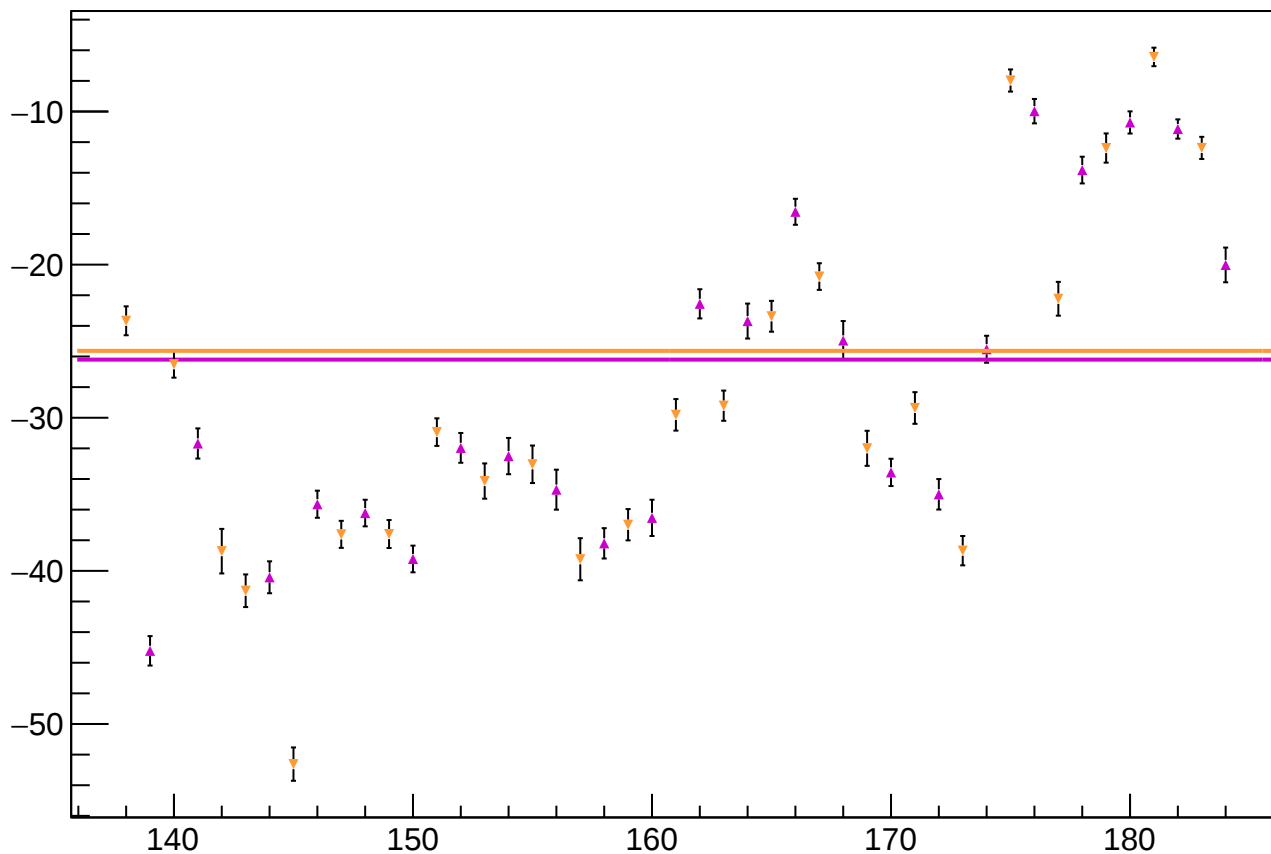
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -19.900 ± 0.007 $\chi^2/\text{NDF}: 171430.6/38$

Out: -20.306 ± 0.007 $\chi^2/\text{NDF}: 274477.3/40$

All: -20.099 ± 0.005 $\chi^2/\text{NDF}: 447574.0/79$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.630+/-0.193 χ^2/NDF :4054.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.204+/-0.194 χ^2/NDF :3377.8/22

Left: -25.916+/-0.137 χ^2/NDF : 7436.4/46

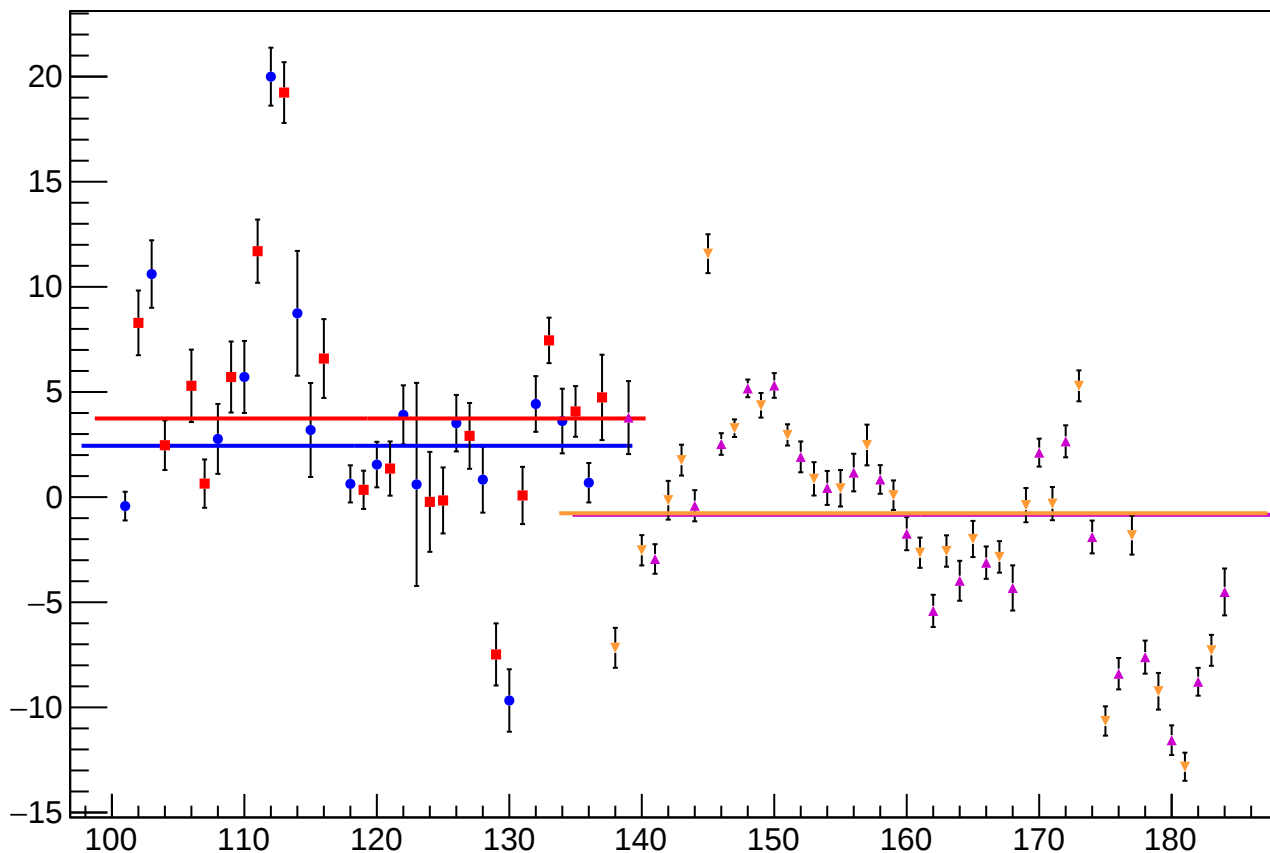
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.204+/-0.194 χ^2/NDF :3377.8/22

Out: -25.630+/-0.193 χ^2/NDF :4054.2/23

All: -25.916+/-0.137 χ^2/NDF : 7436.4/46

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: -0.768 ± 0.147 $\chi^2/\text{NDF}: 1276.3/23$

Right Out: 3.741 ± 0.327 $\chi^2/\text{NDF}: 268.1/17$

Left In: -0.842 ± 0.150 $\chi^2/\text{NDF}: 1071.6/22$

Left: -0.804 ± 0.105 $\chi^2/\text{NDF}: 2348.1/46$

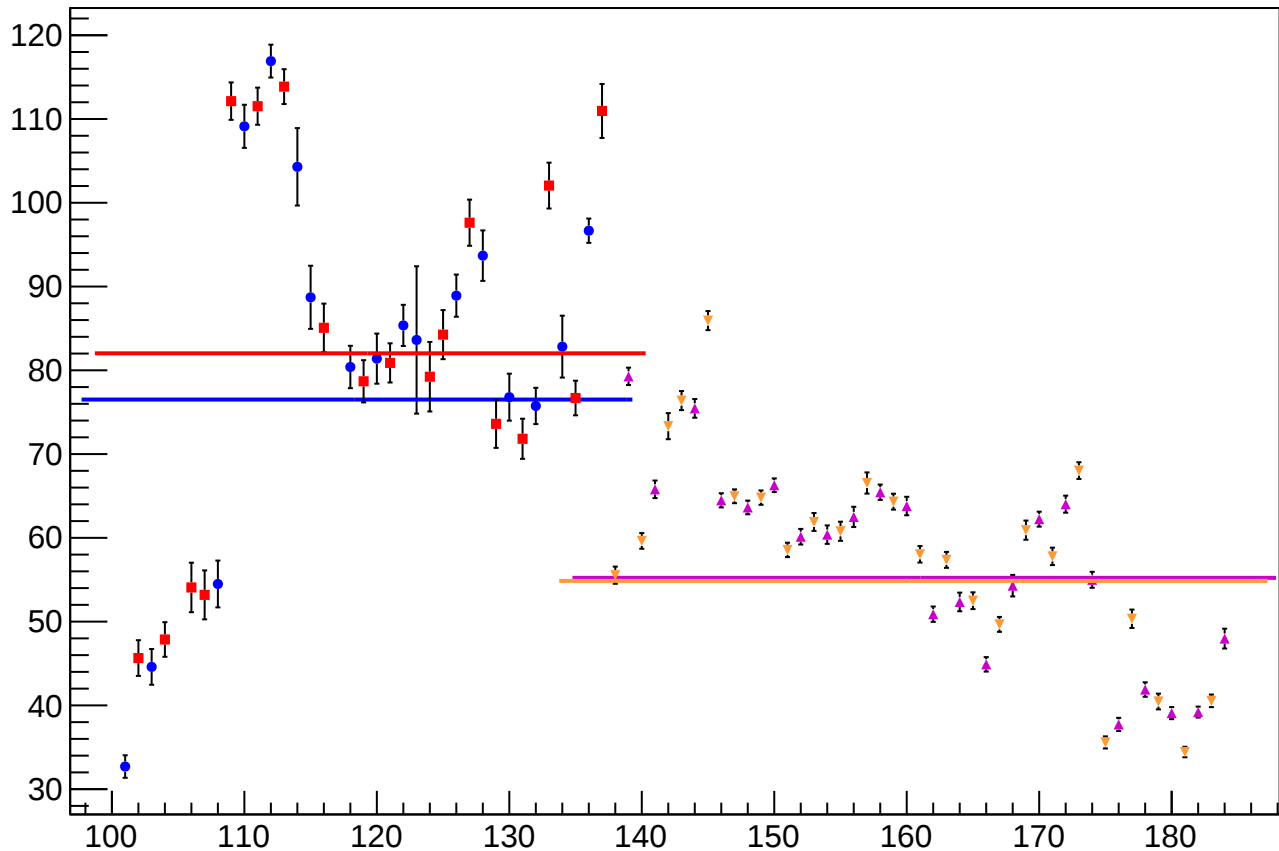
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/34$

In: -0.223 ± 0.135 $\chi^2/\text{NDF}: 1456.6/39$

Out: -0.008 ± 0.134 $\chi^2/\text{NDF}: 1702.8/41$

All: -0.115 ± 0.095 $\chi^2/\text{NDF}: 3160.6/81$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 54.862 $\pm$ 0.193 χ^2 /NDF: 4480.3/23

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 55.225 $\pm$ 0.193 χ^2 /NDF: 3825.0/22

Left: 55.044 $\pm$ 0.136 χ^2 /NDF: 8307.0/46

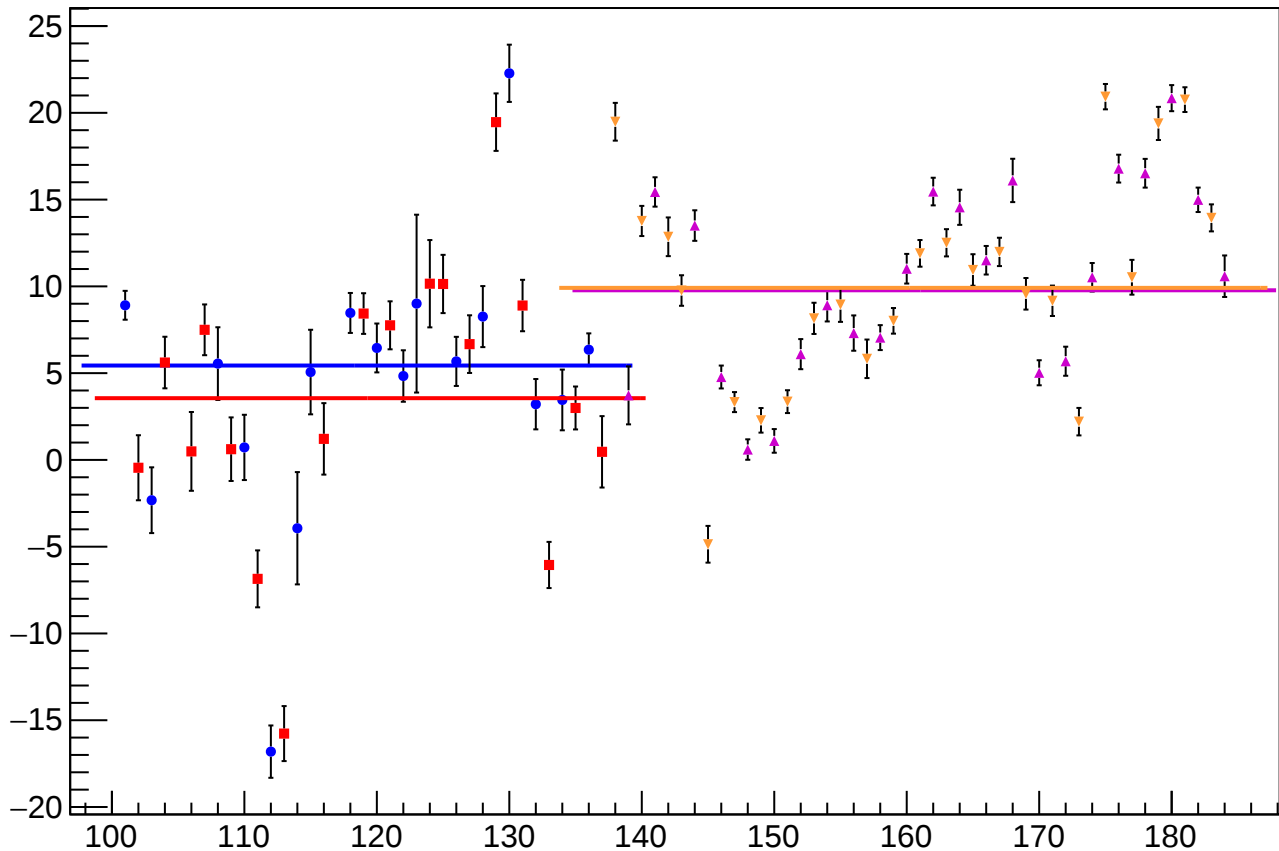
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 57.382 $\pm$ 0.183 χ^2 /NDF: 7310.9/39

Out: 57.464 $\pm$ 0.183 χ^2 /NDF: 7928.6/41

All: 57.423 $\pm$ 0.129 χ^2 /NDF: 15239.6/81

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 9.914 $\pm$ 0.169 χ^2 /NDF:1374.8/23

Right Out: 3.557 $\pm$ 0.375 χ^2 /NDF: 420.6/17

Left In: 9.775 $\pm$ 0.171 χ^2 /NDF:1165.6/22

Left: 9.845 $\pm$ 0.120 χ^2 /NDF: 2540.7/46

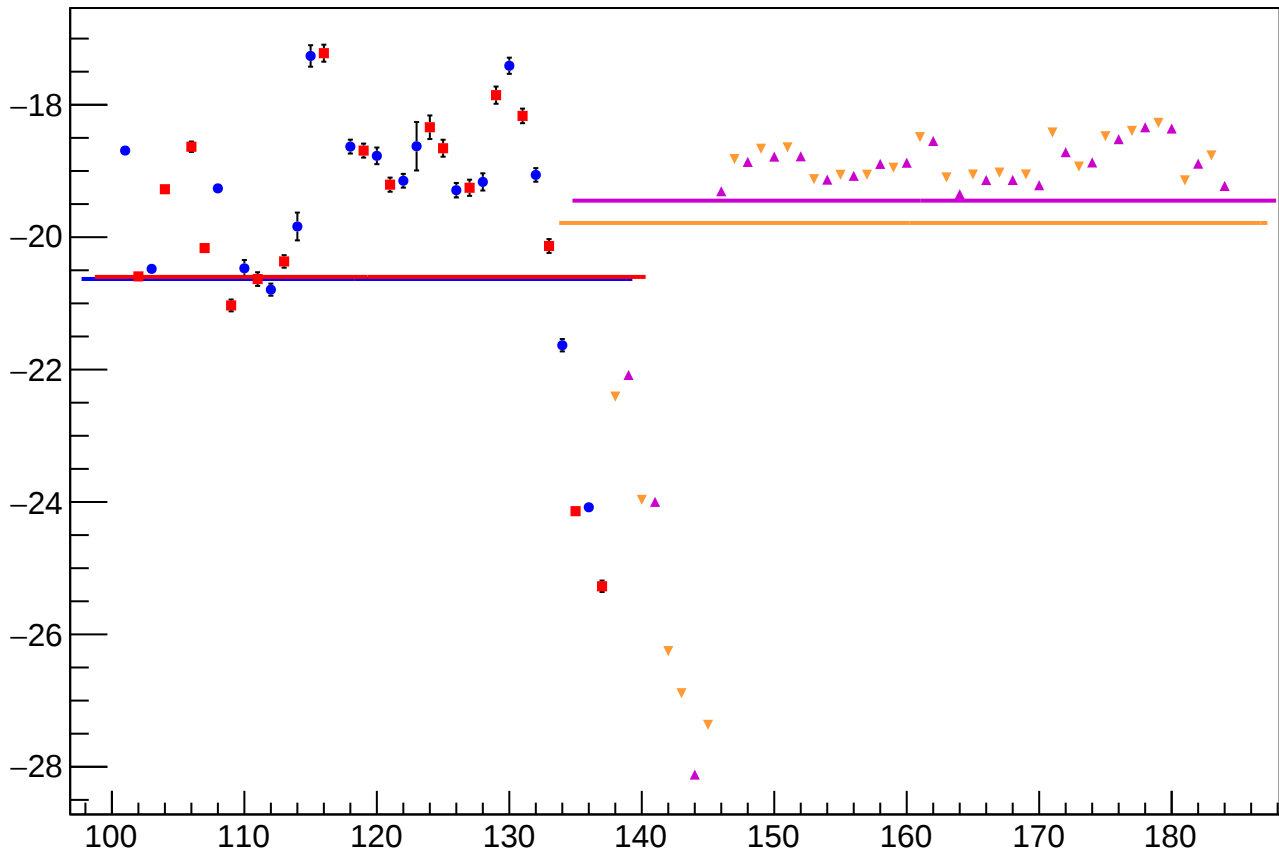
Right: 4.542 $\pm$ 0.259 χ^2 /NDF: 819.9/34

In: 8.967 $\pm$ 0.154 χ^2 /NDF:1671.2/39

Out: 8.843 $\pm$ 0.154 χ^2 /NDF:2034.1/41

All: 8.905 $\pm$ 0.109 χ^2 /NDF: 3705.6/81

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.785 ± 0.008 $\chi^2/\text{NDF}: 91355.4/23$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -19.448 ± 0.008 $\chi^2/\text{NDF}: 54039.2/22$

Left: -19.615 ± 0.006 $\chi^2/\text{NDF}: 146295.2/46$

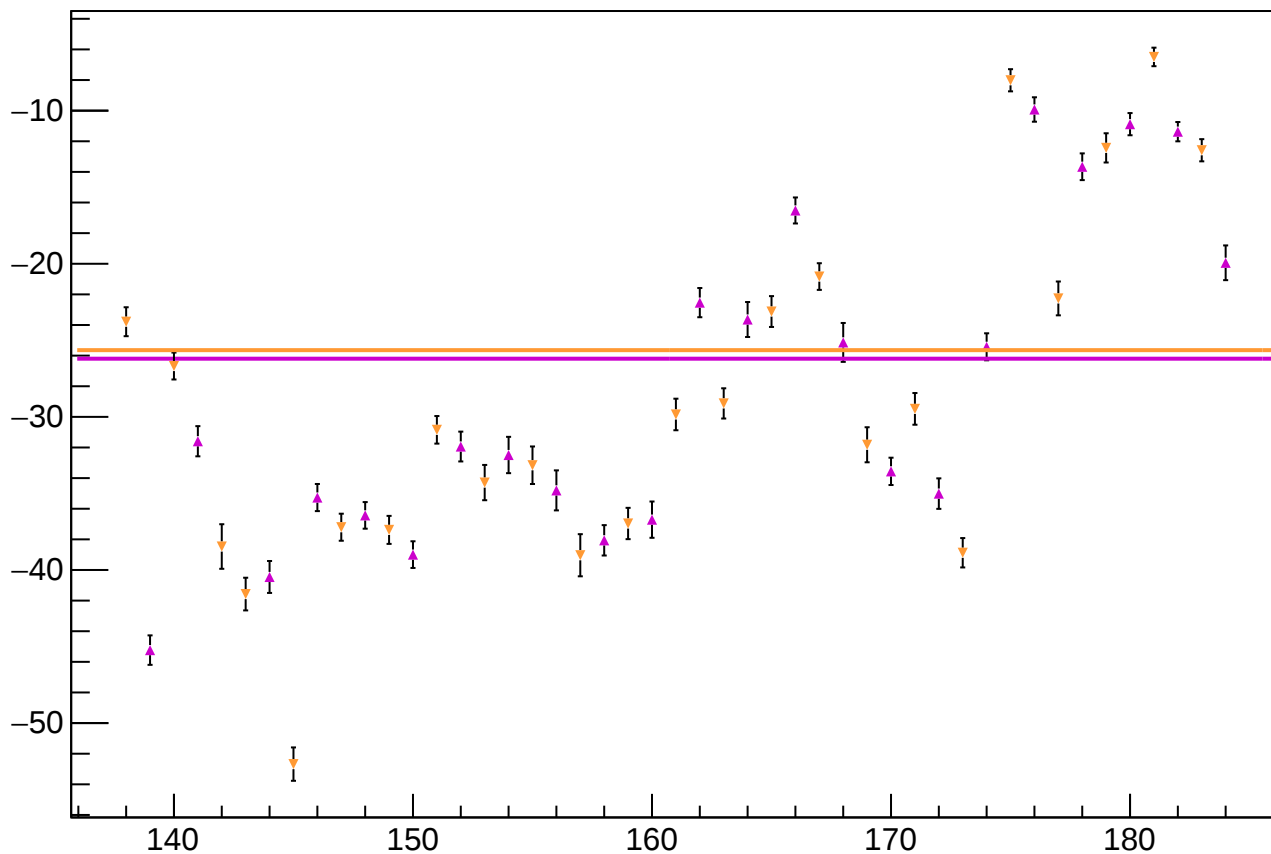
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -19.618 ± 0.007 $\chi^2/\text{NDF}: 69761.5/39$

Out: -19.902 ± 0.007 $\chi^2/\text{NDF}: 104833.0/41$

All: -19.759 ± 0.005 $\chi^2/\text{NDF}: 175337.6/81$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



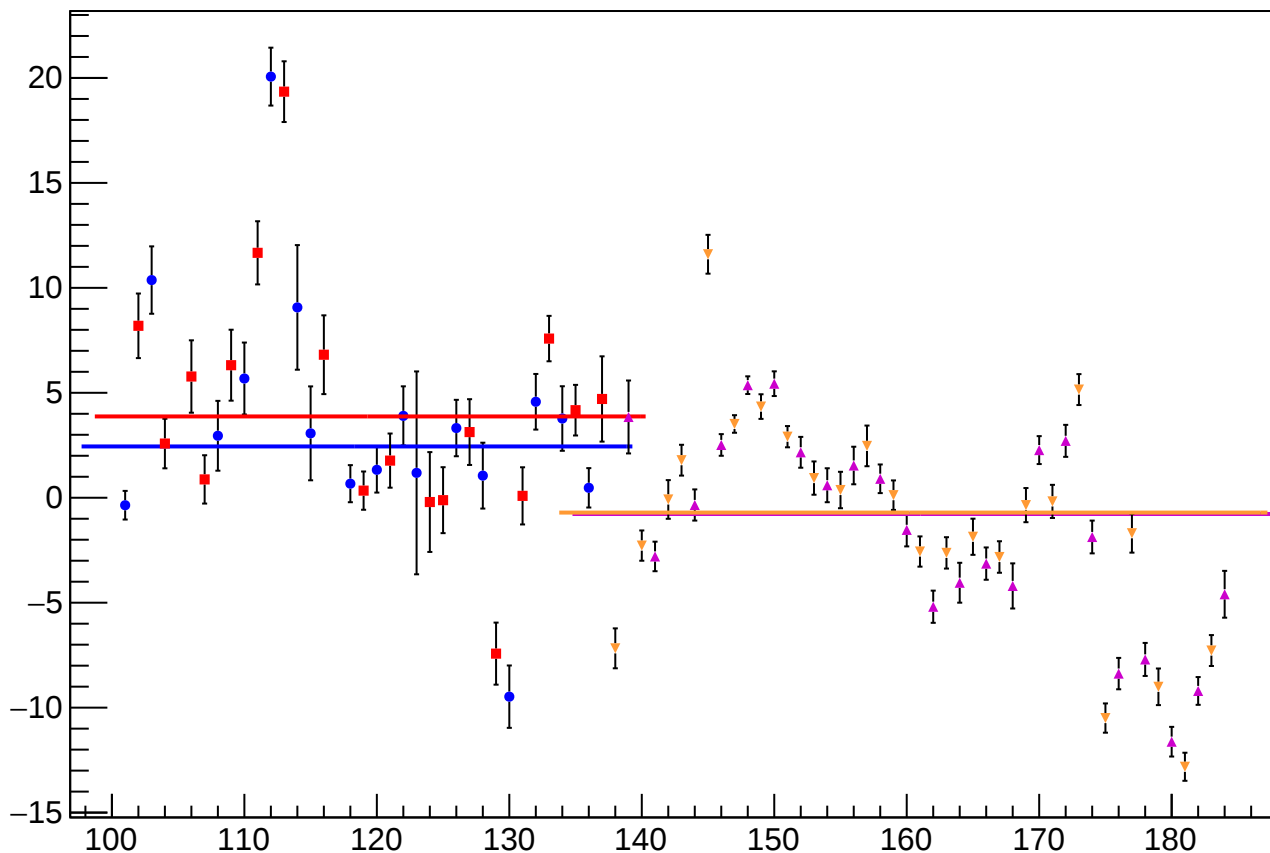
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -25.642+/-0.193 χ^2/NDF : 4022.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

Left: -25.920+/-0.137 χ^2/NDF : 7371.1/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.200+/-0.194 χ^2/NDF : 3344.6/22
 Out: -25.642+/-0.193 χ^2/NDF : 4022.3/23

All: -25.920+/-0.137 χ^2/NDF : 7371.1/46

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: -0.706 $\pm$ 0.147 χ^2 /NDF:1268.4/23

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: -0.773 $\pm$ 0.150 χ^2 /NDF:1111.4/22

Left: -0.739 $\pm$ 0.105 χ^2 /NDF: 2380.0/46

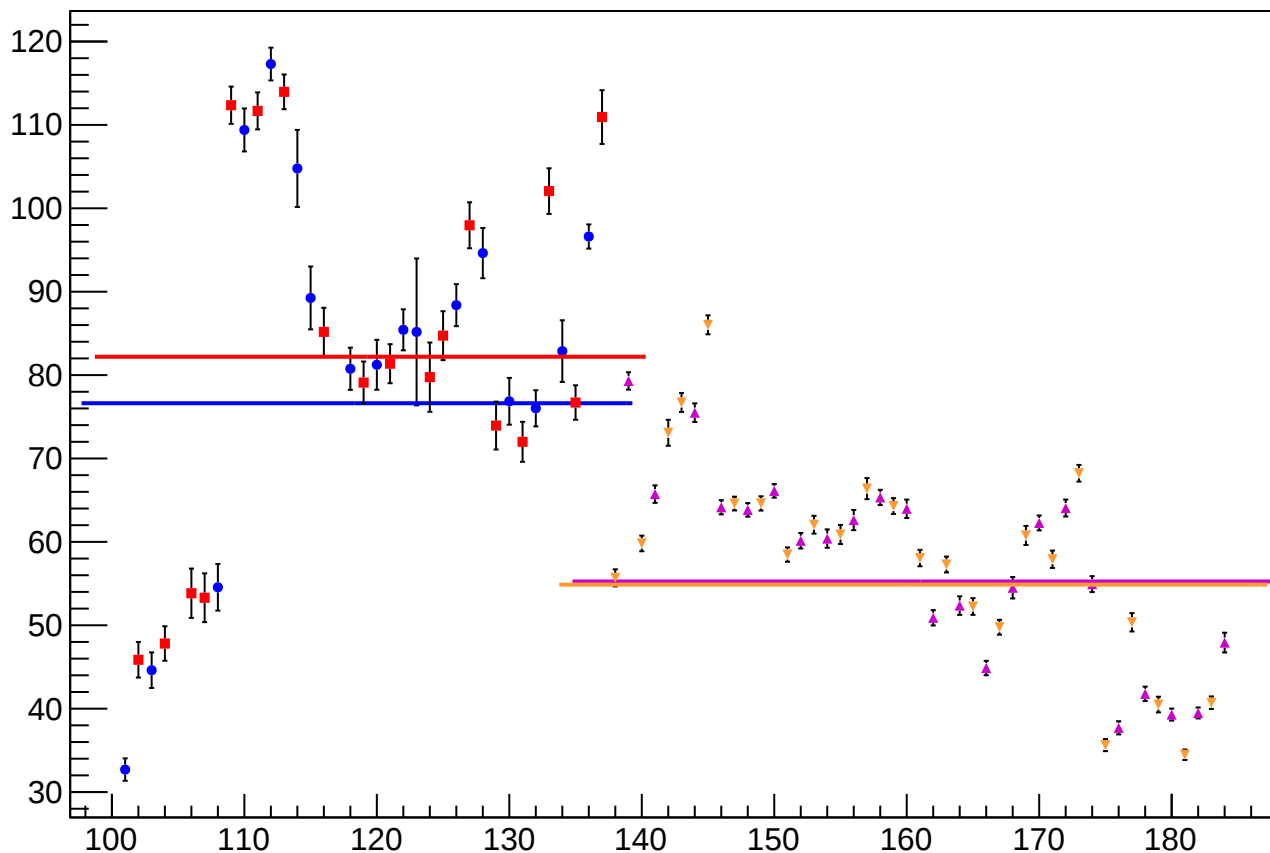
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: -0.167 $\pm$ 0.135 χ^2 /NDF:1490.6/39

Out: 0.066 $\pm$ 0.134 χ^2 /NDF:1700.0/41

All: -0.050 $\pm$ 0.095 χ^2 /NDF: 3192.1/81

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 ± 0.574 χ^2/NDF : 2262.8/16

Left Out: 54.873 ± 0.193 χ^2/NDF : 4460.0/23

Right Out: 82.201 ± 0.593 χ^2/NDF : 1550.2/17

Left In: 55.252 ± 0.193 χ^2/NDF : 3786.2/22

Left: 55.062 ± 0.136 χ^2/NDF : 8248.1/46

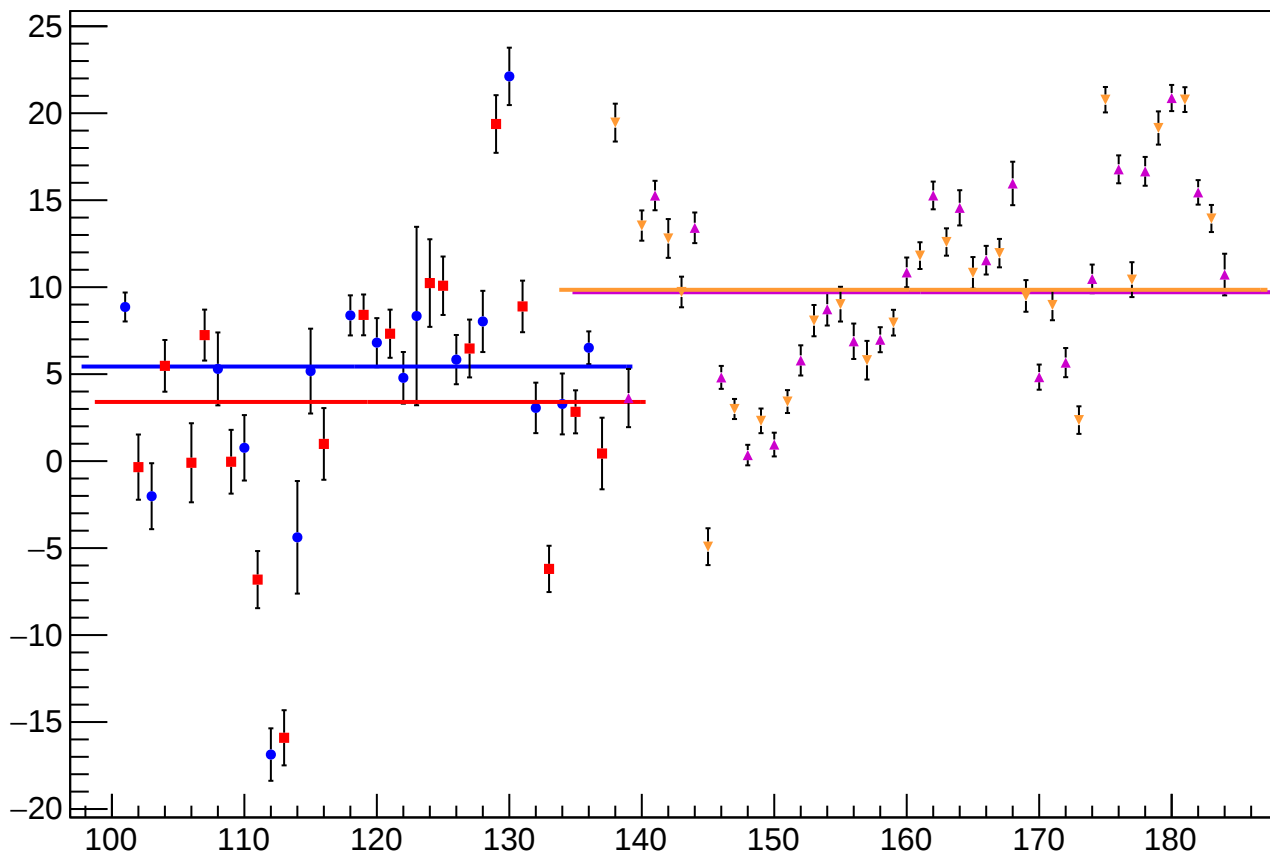
Right: 79.325 ± 0.413 χ^2/NDF : 3858.6/34

In: 57.418 ± 0.183 χ^2/NDF : 7293.1/39

Out: 57.490 ± 0.183 χ^2/NDF : 7930.9/41

All: 57.454 ± 0.130 χ^2/NDF : 15224.1/81

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 $\pm$ 0.358 χ^2/NDF : 384.5/16

Left Out: 9.848 $\pm$ 0.169 χ^2/NDF :1369.3/23

Right Out: 3.401 $\pm$ 0.375 χ^2/NDF : 420.9/17

Left In: 9.708 $\pm$ 0.171 χ^2/NDF :1198.0/22

Left: 9.779 $\pm$ 0.120 χ^2/NDF : 2567.7/46

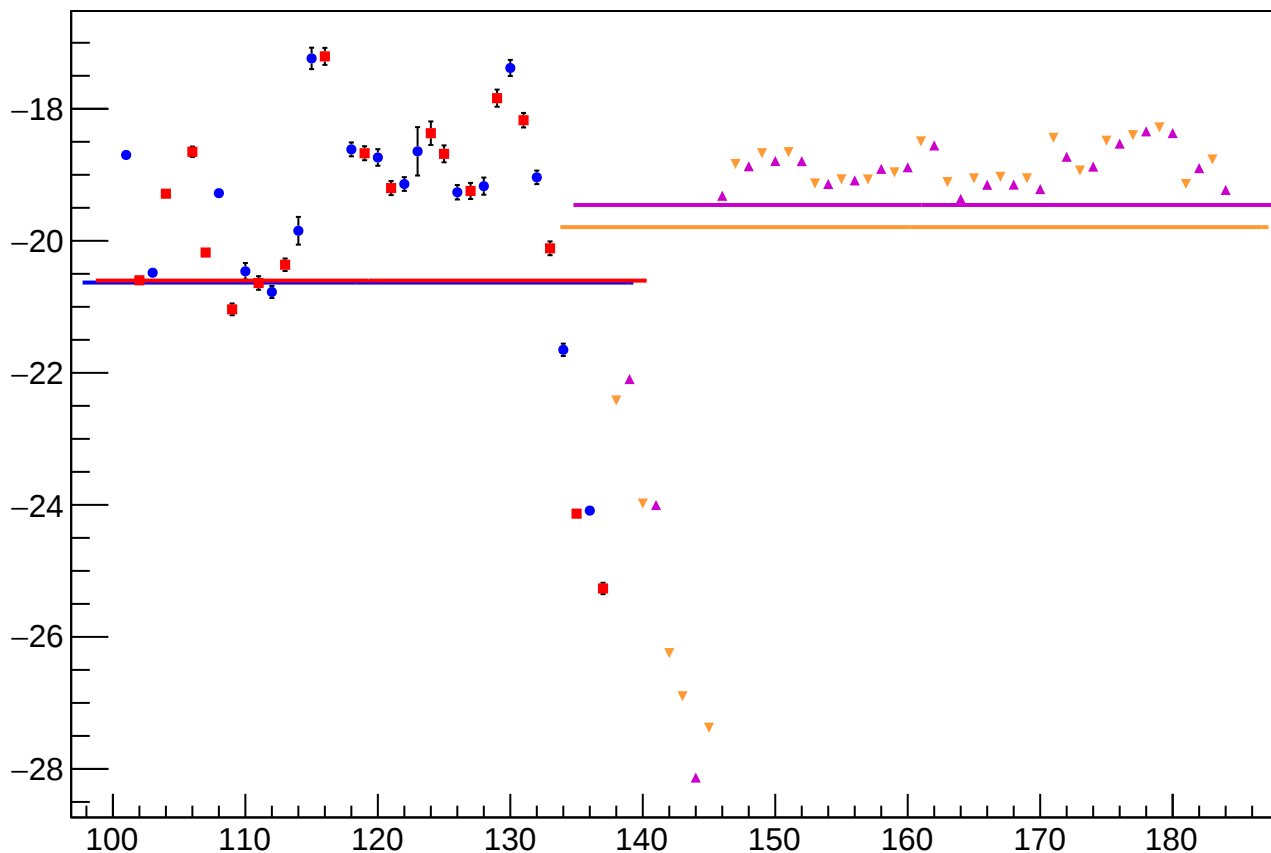
Right: 4.467 $\pm$ 0.259 χ^2/NDF : 820.8/34

In: 8.912 $\pm$ 0.155 χ^2/NDF :1698.3/39

Out: 8.762 $\pm$ 0.154 χ^2/NDF :2035.4/41

All: 8.837 $\pm$ 0.109 χ^2/NDF : 3734.2/81

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -19.793 ± 0.008 $\chi^2/\text{NDF}: 91250.6/23$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

Left: -19.624 ± 0.006 $\chi^2/\text{NDF}: 146137.2/46$

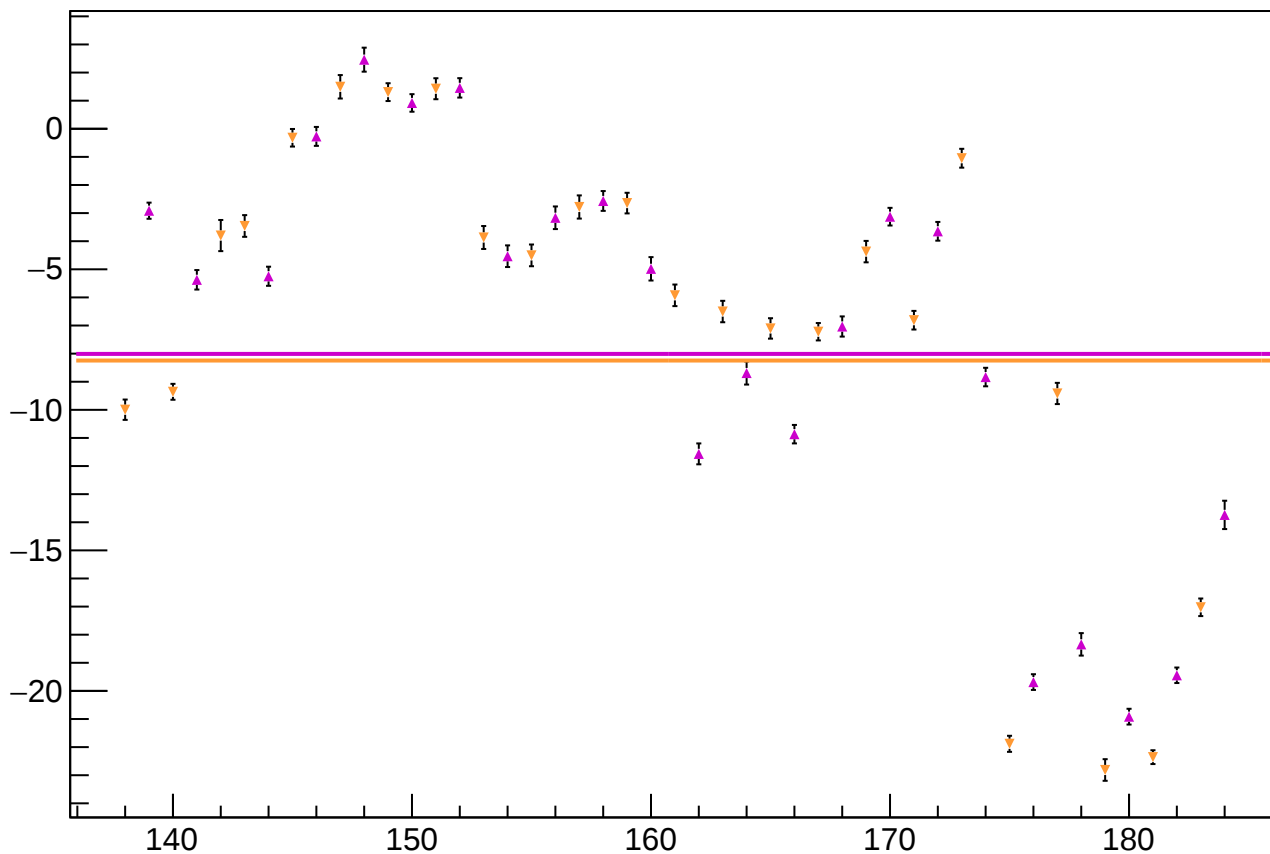
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -19.627 ± 0.007 $\chi^2/\text{NDF}: 69709.6/39$

Out: -19.909 ± 0.007 $\chi^2/\text{NDF}: 104660.3/41$

All: -19.767 ± 0.005 $\chi^2/\text{NDF}: 175106.5/81$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

Left: -8.128 $\pm$ 0.050 χ^2 /NDF: 22740.9/46

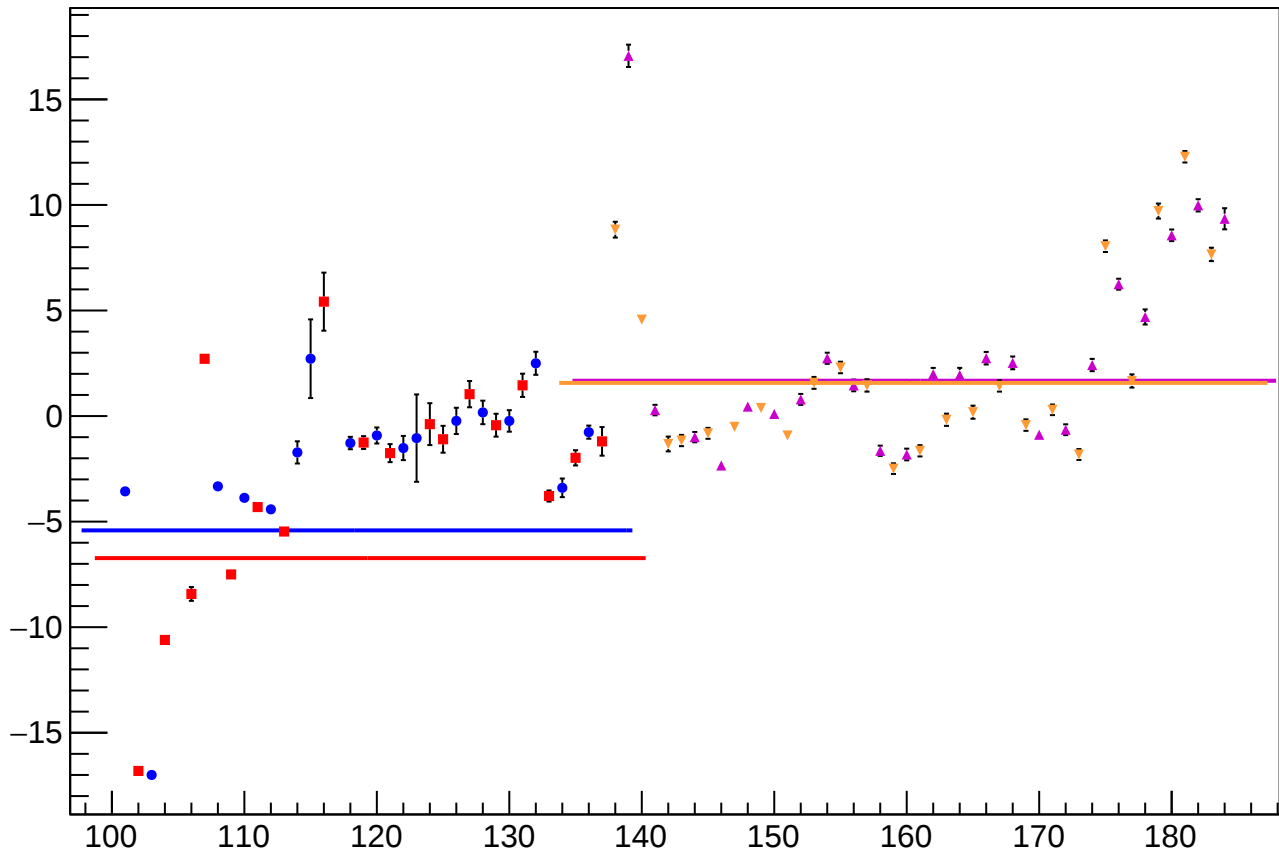
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

Out: -8.246 $\pm$ 0.071 χ^2 /NDF:12104.2/23

All: -8.128 $\pm$ 0.050 χ^2 /NDF: 22740.9/46

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 1.571 $\pm$ 0.055 χ^2 /NDF:4784.5/23

Right Out: -6.729 $\pm$ 0.060 χ^2 /NDF: 11217.0/17

Left In: 1.673 $\pm$ 0.056 χ^2 /NDF:4106.3/22

Left: 1.621 $\pm$ 0.039 χ^2 /NDF: 8892.5/46

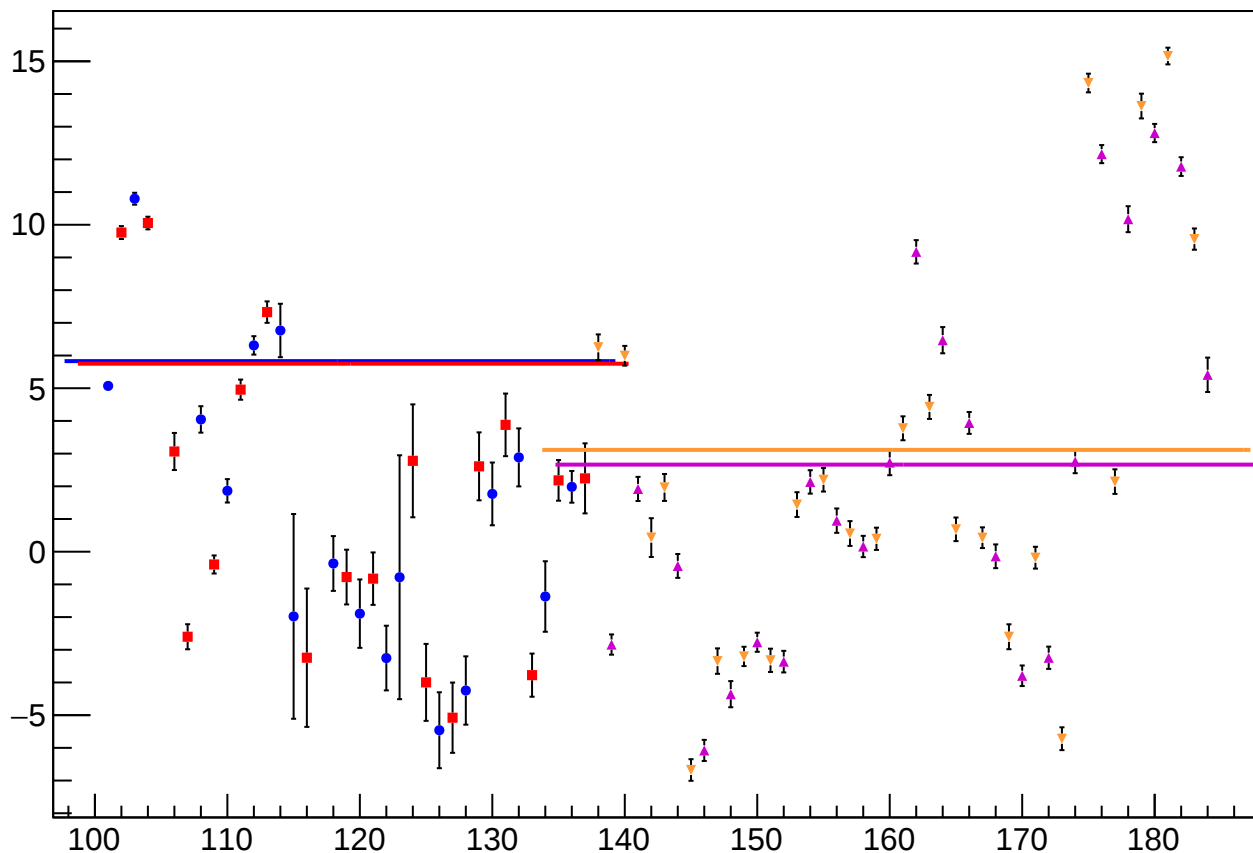
Right: -6.014 $\pm$ 0.040 χ^2 /NDF: 20734.4/34

In: -1.976 $\pm$ 0.039 χ^2 /NDF:21490.8/39

Out: -2.212 $\pm$ 0.040 χ^2 /NDF:26478.7/41

All: -2.091 $\pm$ 0.028 χ^2 /NDF: 47987.0/81

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 3.114 ± 0.071 $\chi^2/\text{NDF}: 8284.8/23$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: 2.663 ± 0.071 $\chi^2/\text{NDF}: 7308.8/22$

Left: 2.889 ± 0.050 $\chi^2/\text{NDF}: 15613.7/46$

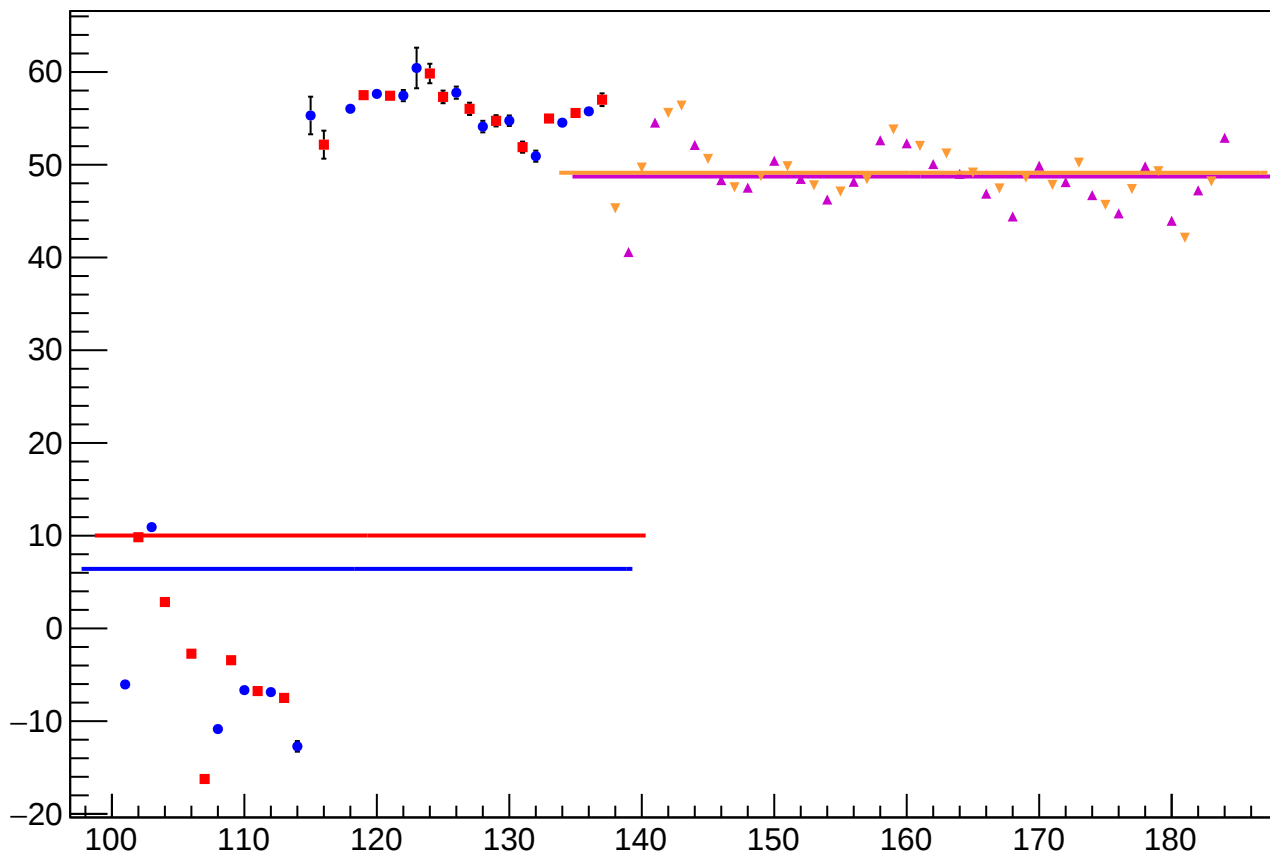
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 3.885 ± 0.056 $\chi^2/\text{NDF}: 9523.4/39$

Out: 4.041 ± 0.057 $\chi^2/\text{NDF}: 11282.6/41$

All: 3.961 ± 0.040 $\chi^2/\text{NDF}: 20809.8/81$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421+/-0.065 χ^2/NDF : 123109.7/16

Left Out: 49.138+/-0.062 χ^2/NDF : 2252.3/23

Right Out: 10.019+/-0.071 χ^2/NDF : 122082.4/17

Left In: 48.731+/-0.064 χ^2/NDF : 2117.7/22

Left: 48.939+/-0.044 χ^2/NDF : 4391.0/46

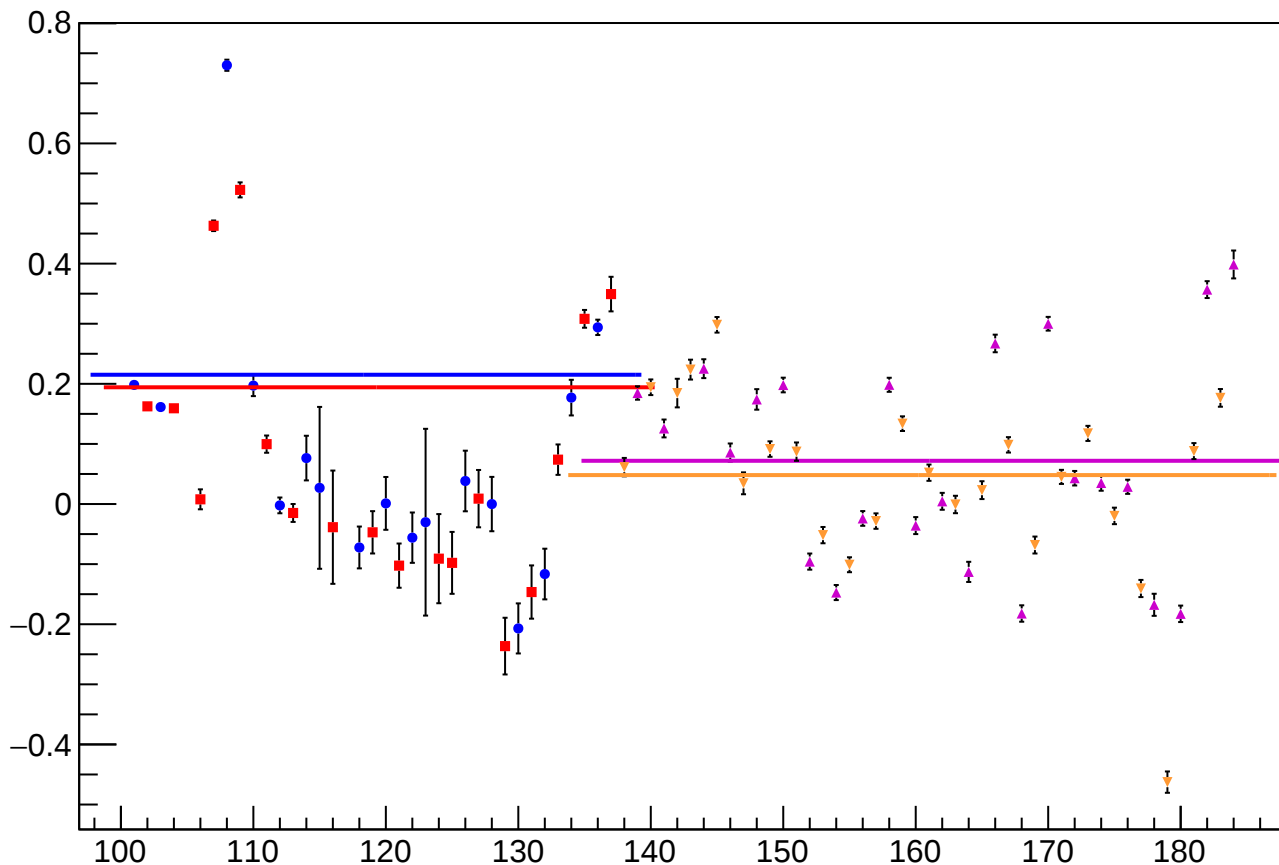
Right: 8.061+/-0.048 χ^2/NDF : 246600.2/34

In: 27.963+/-0.045 χ^2/NDF : 342747.7/39

Out: 32.071+/-0.047 χ^2/NDF : 296805.1/41

All: 29.956+/-0.033 χ^2/NDF : 643532.5/81

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.048 $\pm$ 0.003 χ^2 /NDF:2187.0/23

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

Left: 0.060 $\pm$ 0.002 χ^2 /NDF: 5493.8/46

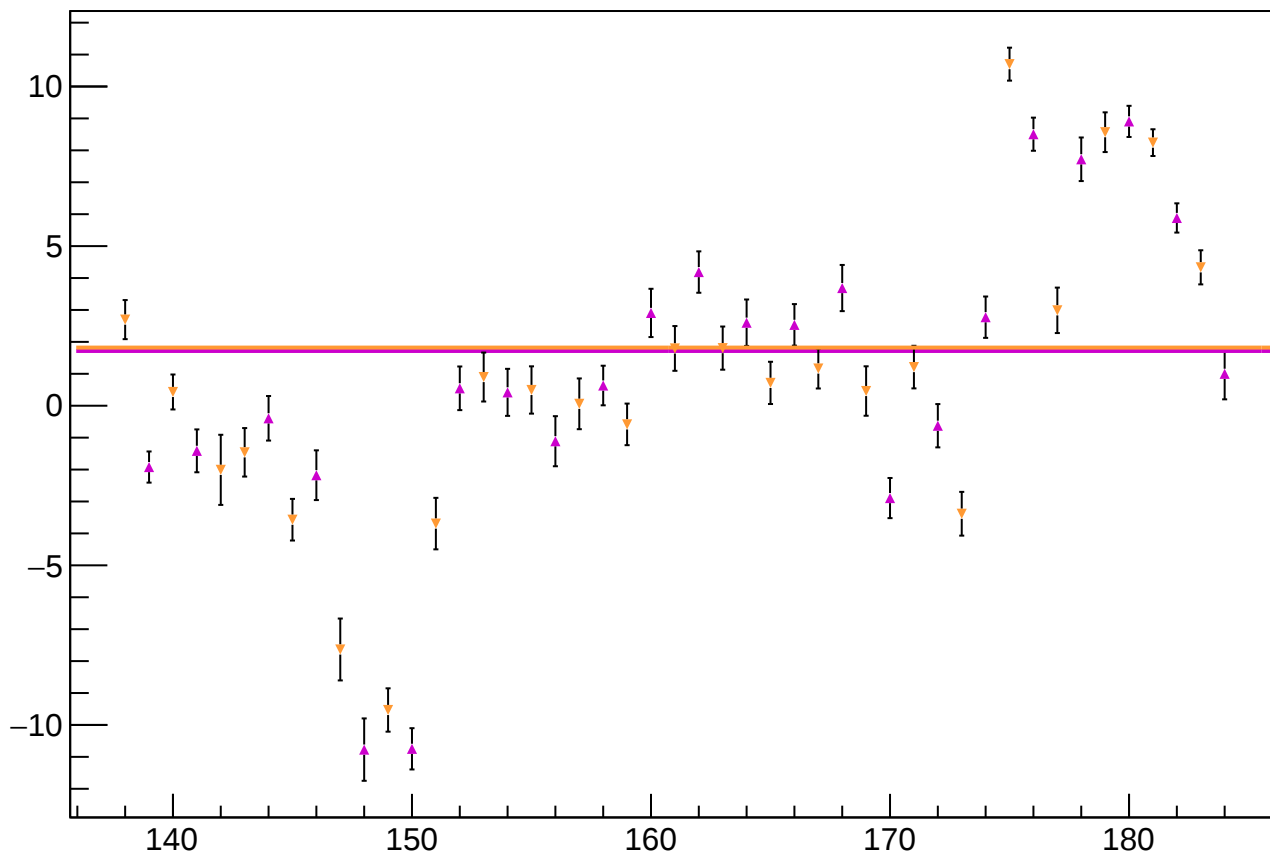
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.145 $\pm$ 0.002 χ^2 /NDF:8500.1/39

Out: 0.124 $\pm$ 0.002 χ^2 /NDF:6065.6/41

All: 0.135 $\pm$ 0.001 χ^2 /NDF: 14624.7/81

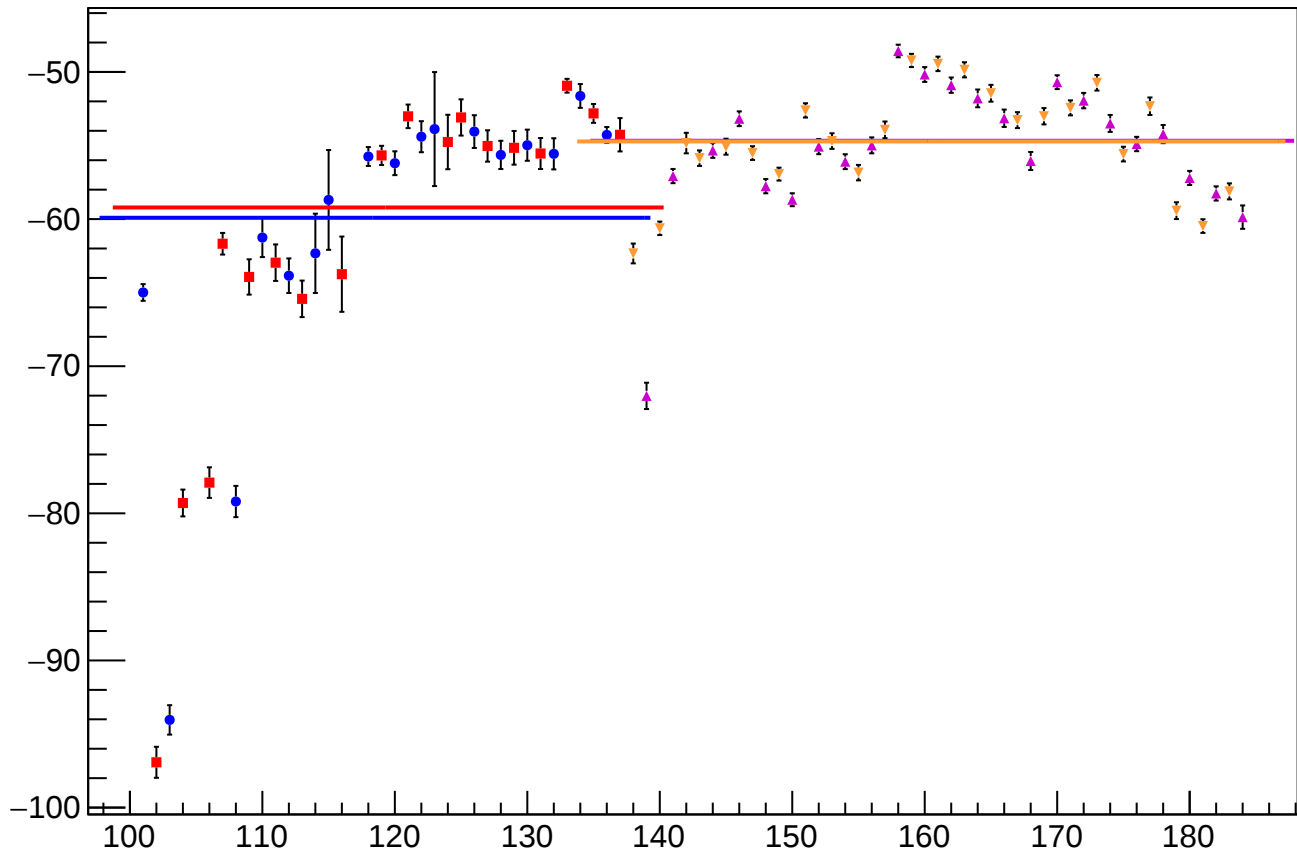
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22

Left: 1.768 $\pm$ 0.095 χ^2 /NDF: 2605.0/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22
 Out: 1.821 $\pm$ 0.134 χ^2 /NDF:1291.1/23
 All: 1.768 $\pm$ 0.095 χ^2 /NDF: 2605.0/46

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.723 ± 0.106 χ^2/NDF : 1124.4/23

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

Left: -54.701 ± 0.076 χ^2/NDF : 2265.1/46

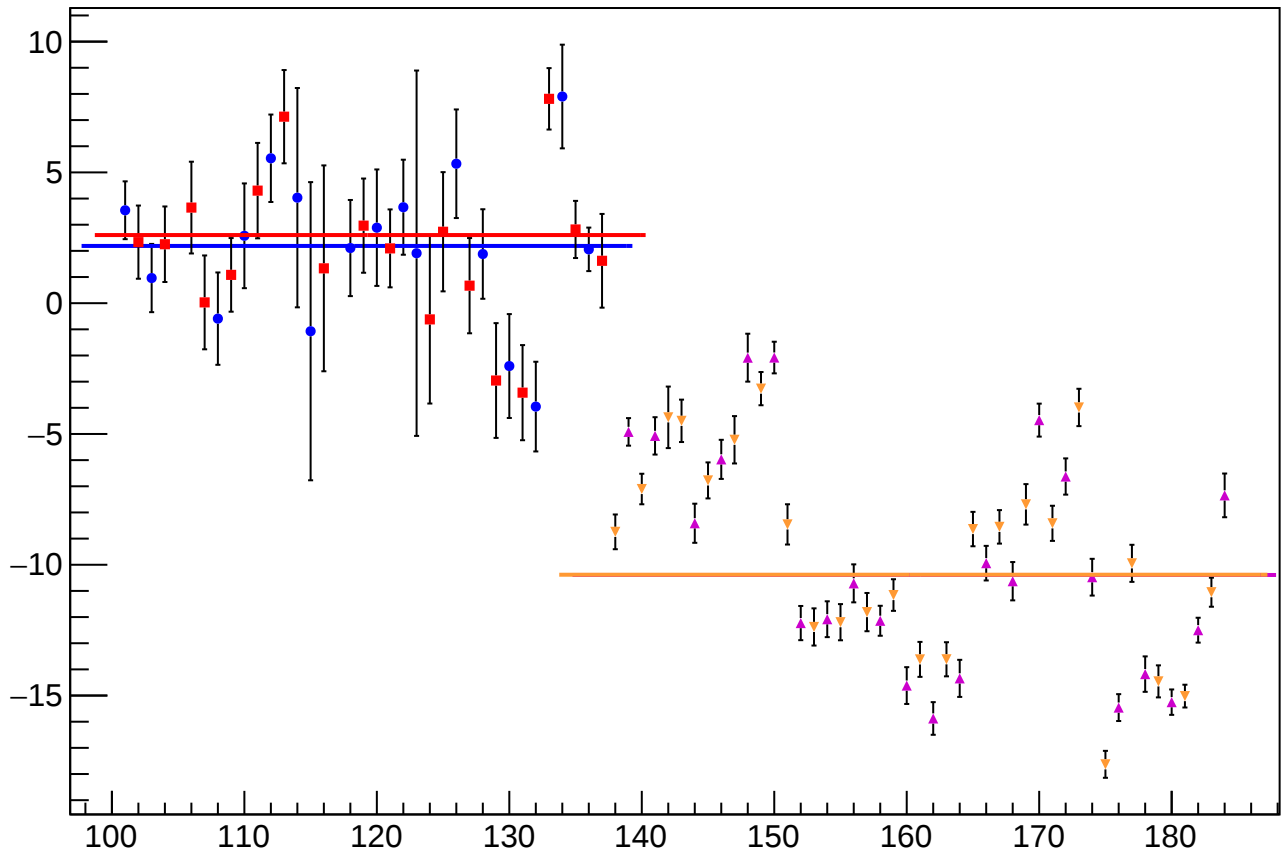
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -55.692 ± 0.098 χ^2/NDF : 3564.7/39

Out: -55.625 ± 0.095 χ^2/NDF : 4224.3/41

All: -55.657 ± 0.068 χ^2/NDF : 7789.3/81

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -10.381 ± 0.134 $\chi^2/\text{NDF}: 850.2/23$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -10.391 ± 0.134 $\chi^2/\text{NDF}: 1024.8/22$

Left: -10.386 ± 0.095 $\chi^2/\text{NDF}: 1875.0/46$

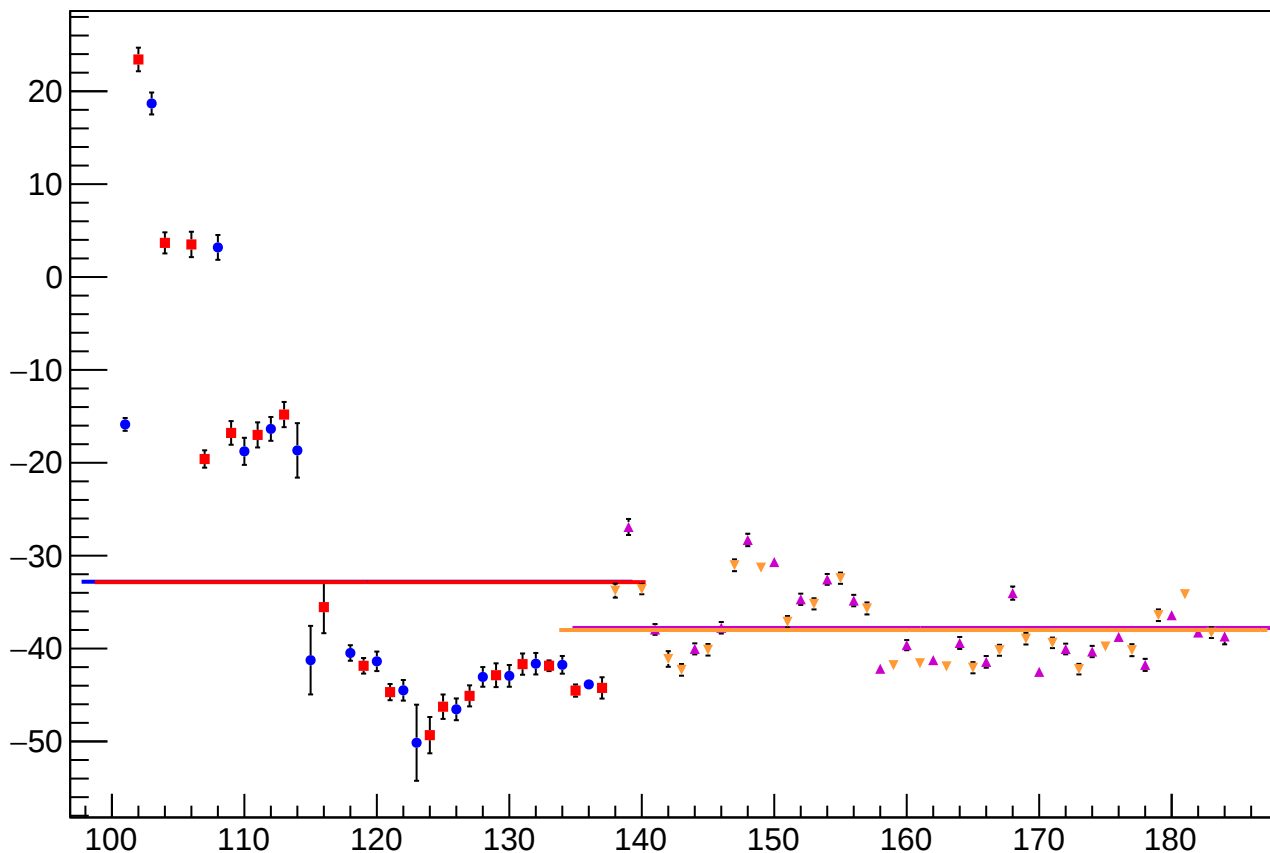
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -9.151 ± 0.127 $\chi^2/\text{NDF}: 1935.5/39$

Out: -9.017 ± 0.127 $\chi^2/\text{NDF}: 1888.8/41$

All: -9.084 ± 0.090 $\chi^2/\text{NDF}: 3824.9/81$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -38.005 ± 0.120 χ^2/NDF : 945.8/23

Right Out: -32.850 ± 0.244 χ^2/NDF : 5750.3/17

Left In: -37.784 ± 0.122 χ^2/NDF : 1079.7/22

Left: -37.896 ± 0.085 χ^2/NDF : 2027.1/46

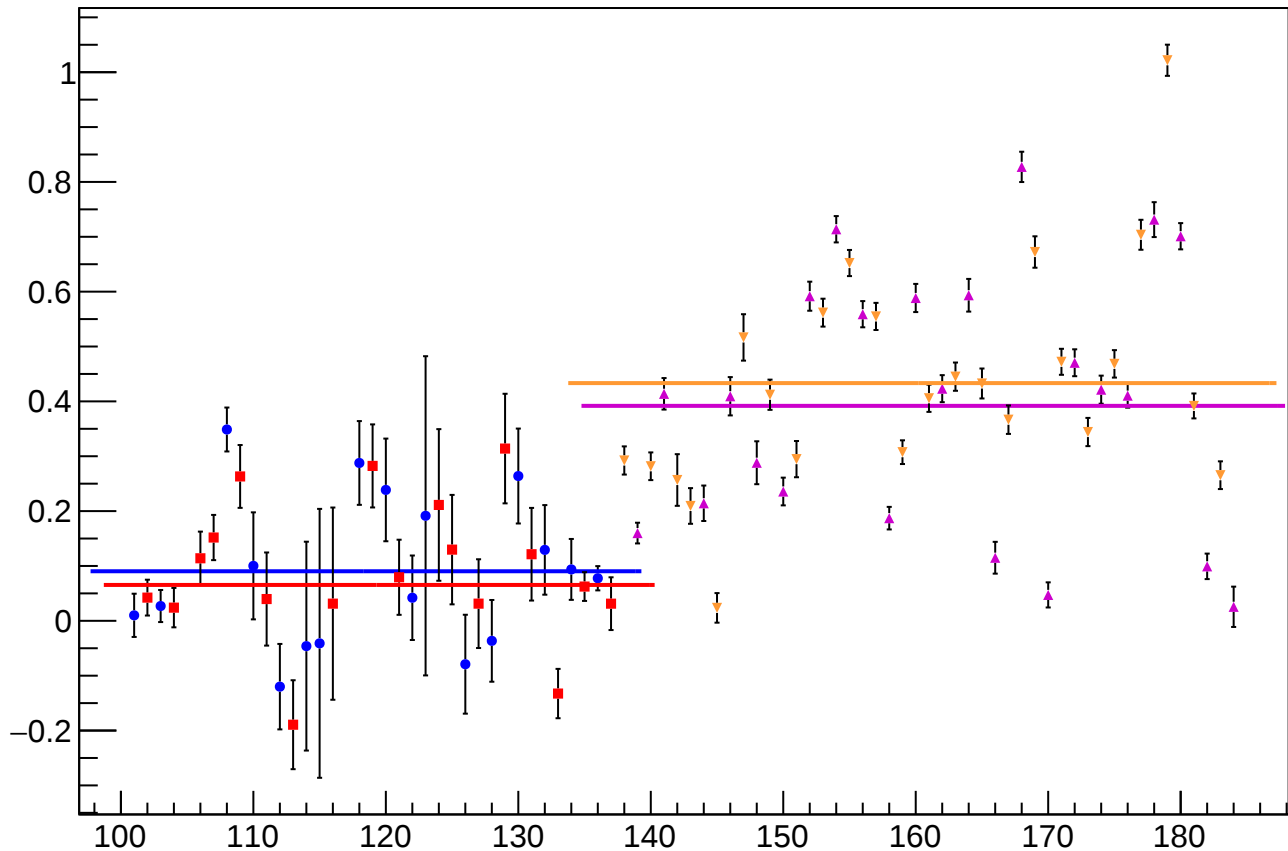
Right: -32.829 ± 0.176 χ^2/NDF : 10413.1/34

In: -36.854 ± 0.110 χ^2/NDF : 6054.0/39

Out: -37.007 ± 0.107 χ^2/NDF : 7054.9/41

All: -36.932 ± 0.077 χ^2/NDF : 13110.0/81

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.433 $\pm$ 0.005 χ^2 /NDF:1216.9/23

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.392 $\pm$ 0.005 χ^2 /NDF:1835.6/22

Left: 0.412 $\pm$ 0.004 χ^2 /NDF: 3082.0/46

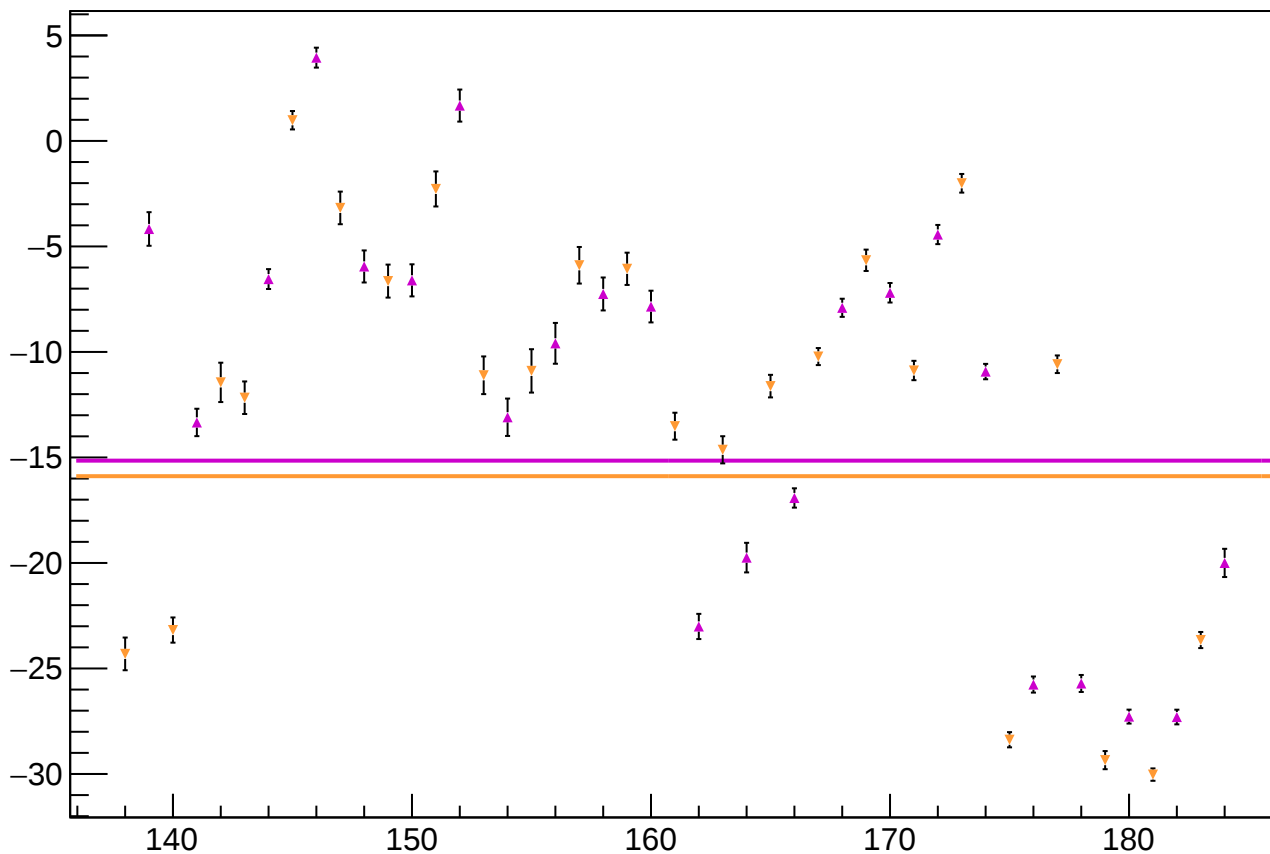
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.346 $\pm$ 0.005 χ^2 /NDF:2391.4/39

Out: 0.373 $\pm$ 0.005 χ^2 /NDF:2037.2/41

All: 0.359 $\pm$ 0.004 χ^2 /NDF: 4442.9/81

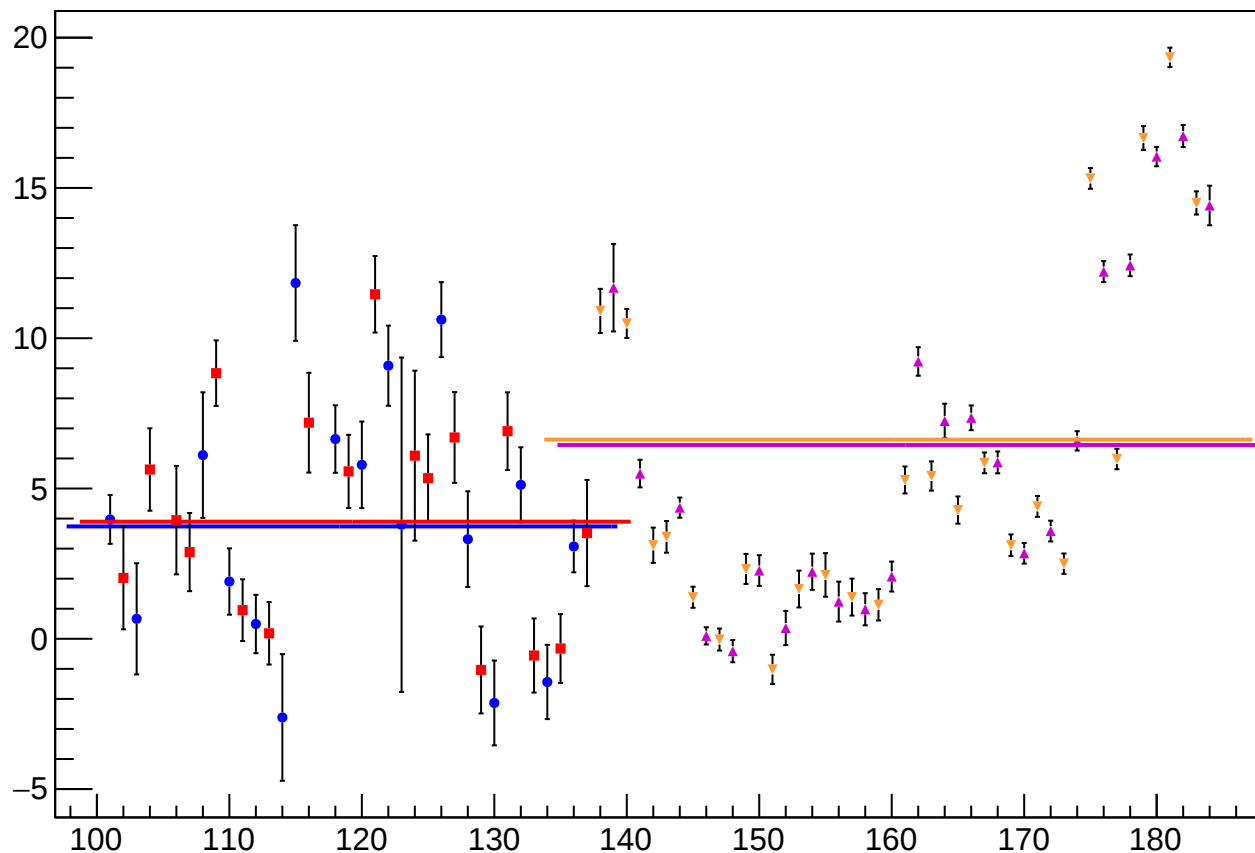
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.888+/-0.107 χ^2/NDF : 9710.0/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.151+/-0.106 χ^2/NDF : 8744.3/22

Left: -15.518+/-0.075 χ^2/NDF : 18478.3/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -15.151+/-0.106 χ^2/NDF : 8744.3/22
 Out: -15.888+/-0.107 χ^2/NDF : 9710.0/23
 All: -15.518+/-0.075 χ^2/NDF : 18478.3/46

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 6.628 $\pm$ 0.086 χ^2 /NDF:4913.4/23

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 6.448 $\pm$ 0.086 χ^2 /NDF:3955.6/22

Left: 6.537 $\pm$ 0.061 χ^2 /NDF: 8871.2/46

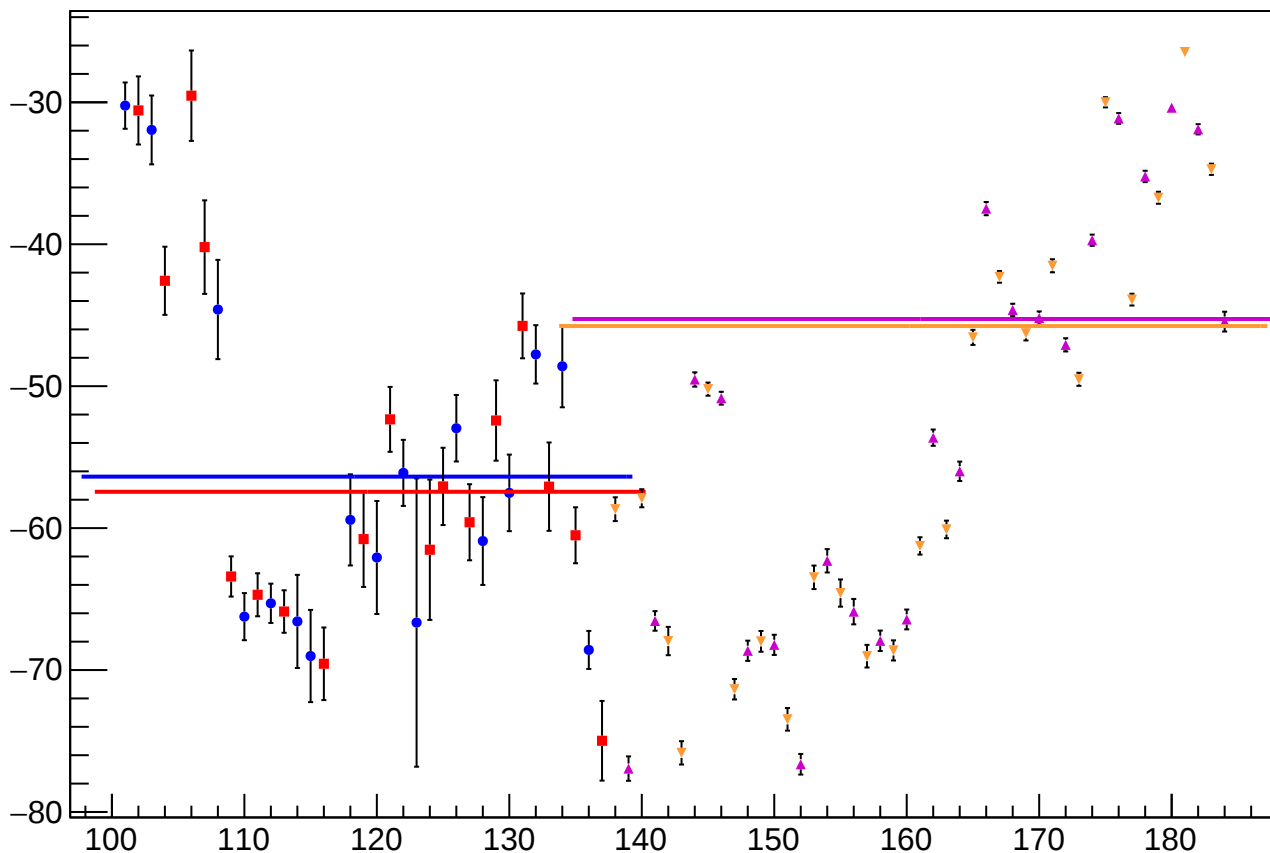
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 6.254 $\pm$ 0.083 χ^2 /NDF:4163.9/39

Out: 6.438 $\pm$ 0.083 χ^2 /NDF:5117.7/41

All: 6.346 $\pm$ 0.059 χ^2 /NDF: 9284.0/81

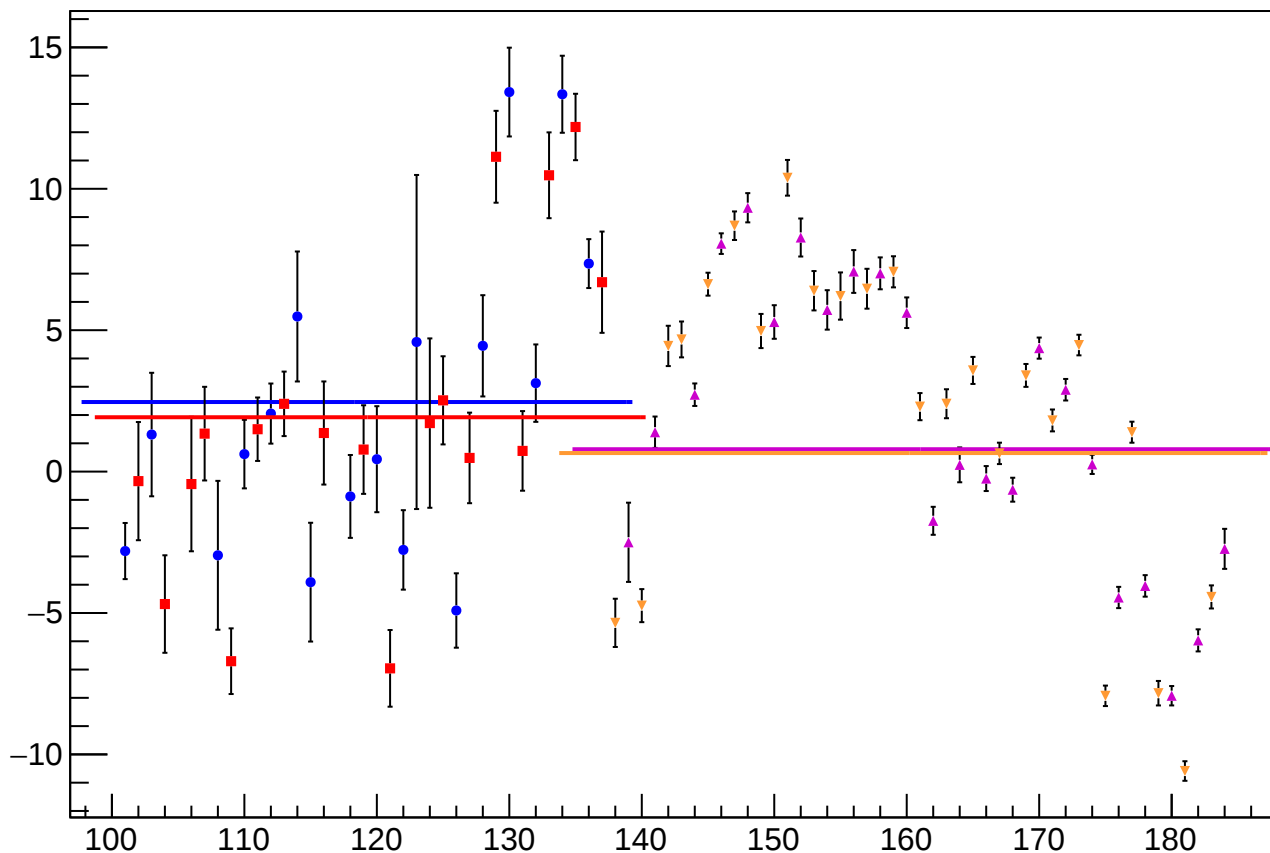
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$
 Left Out: -45.764 ± 0.107 $\chi^2/\text{NDF}: 17199.0/23$
 Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$
 Left In: -45.268 ± 0.107 $\chi^2/\text{NDF}: 15775.7/22$

Left: -45.514 ± 0.076 $\chi^2/\text{NDF}: 32985.5/46$
 Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$
 In: -45.681 ± 0.105 $\chi^2/\text{NDF}: 16766.0/39$
 Out: -46.214 ± 0.105 $\chi^2/\text{NDF}: 18094.7/41$
 All: -45.946 ± 0.074 $\chi^2/\text{NDF}: 34873.5/81$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 0.656 $\pm$ 0.097 χ^2 /NDF:3666.3/23

Right Out: 1.922 $\pm$ 0.355 χ^2 /NDF: 265.1/17

Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

Left: 0.724 $\pm$ 0.068 χ^2 /NDF: 6365.0/46

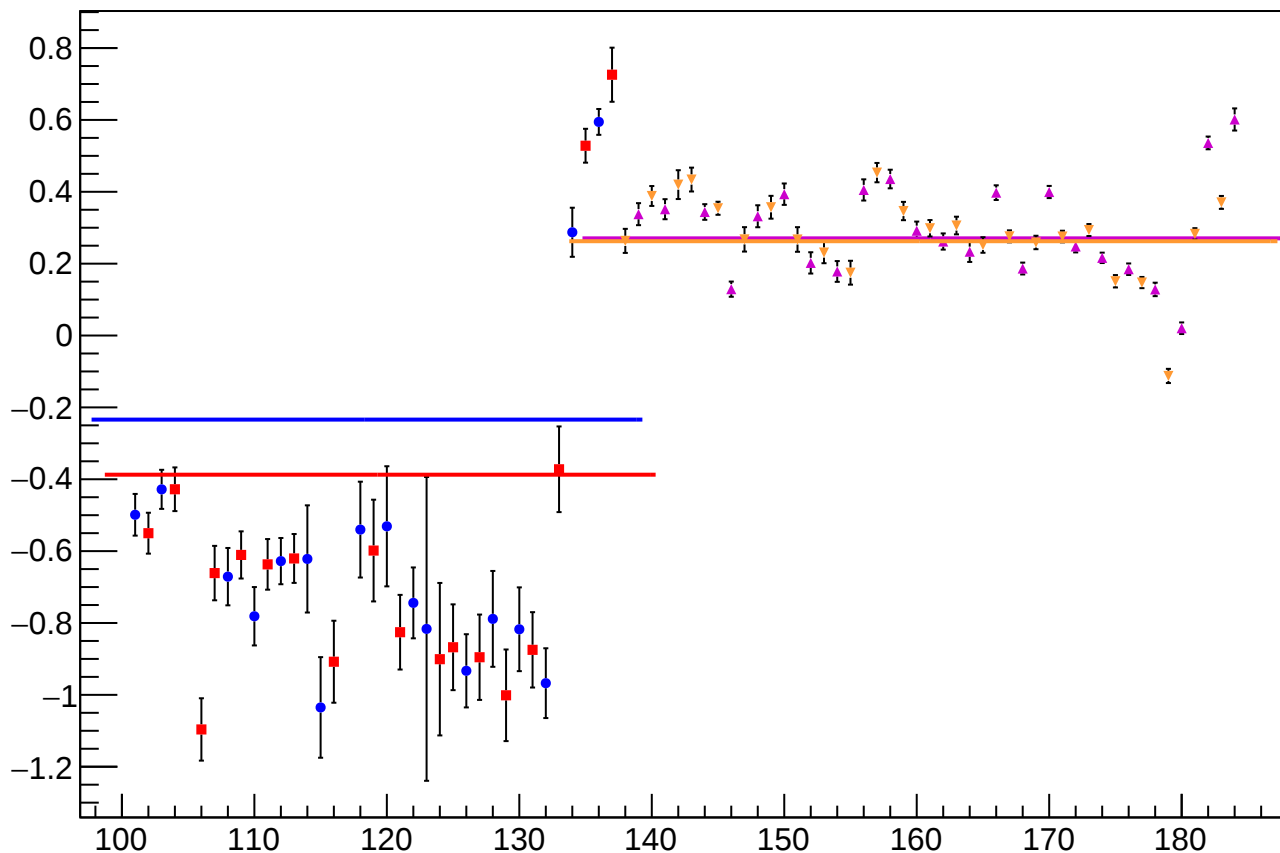
Right: 2.198 $\pm$ 0.248 χ^2 /NDF: 510.2/34

In: 0.911 $\pm$ 0.093 χ^2 /NDF:2963.2/39

Out: 0.743 $\pm$ 0.093 χ^2 /NDF:3943.3/41

All: 0.827 $\pm$ 0.066 χ^2 /NDF: 6908.1/81

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.262 ± 0.004 χ^2/NDF : 670.8/23

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

Left: 0.266 ± 0.003 χ^2/NDF : 1646.0/46

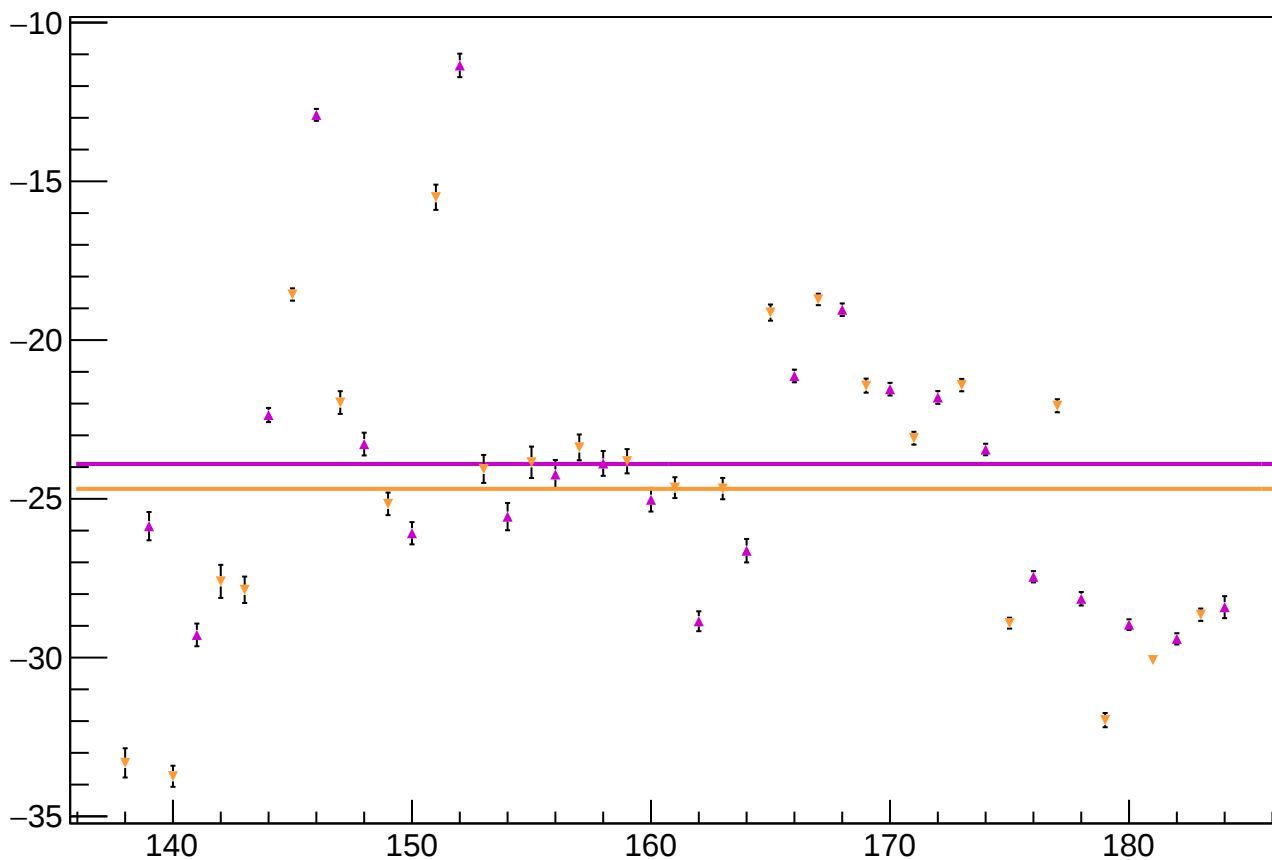
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.244 ± 0.004 χ^2/NDF : 2607.7/39

Out: 0.229 ± 0.004 χ^2/NDF : 2626.4/41

All: 0.237 ± 0.003 χ^2/NDF : 5240.4/81

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -24.685 $\pm$ 0.052 χ^2 /NDF:8406.9/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Left: -24.288 $\pm$ 0.036 χ^2 /NDF: 17682.7/46

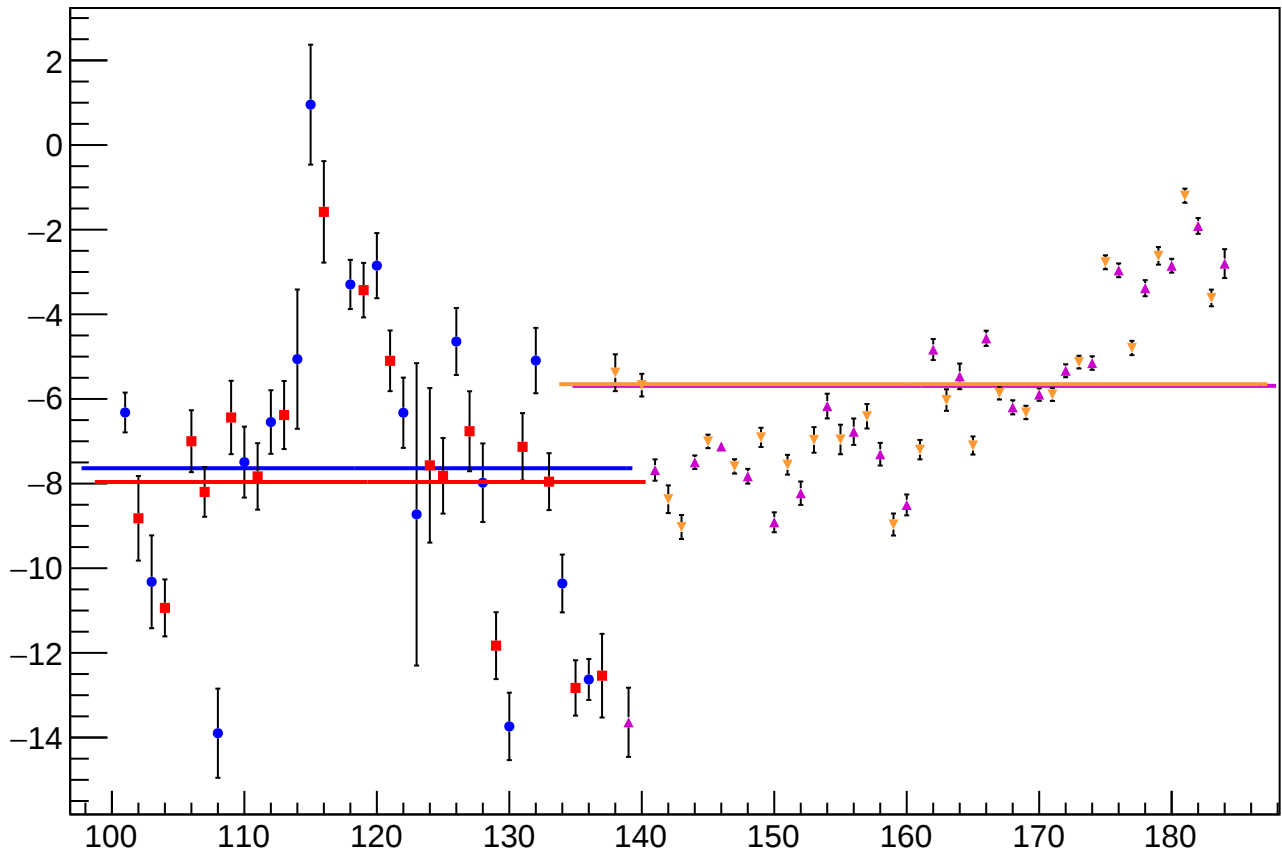
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Out: -24.685 $\pm$ 0.052 χ^2 /NDF:8406.9/23

All: -24.288 $\pm$ 0.036 χ^2 /NDF: 17682.7/46

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.650 ± 0.042 χ^2/NDF : 2205.3/23

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

Left: -5.670 ± 0.029 χ^2/NDF : 4534.0/46

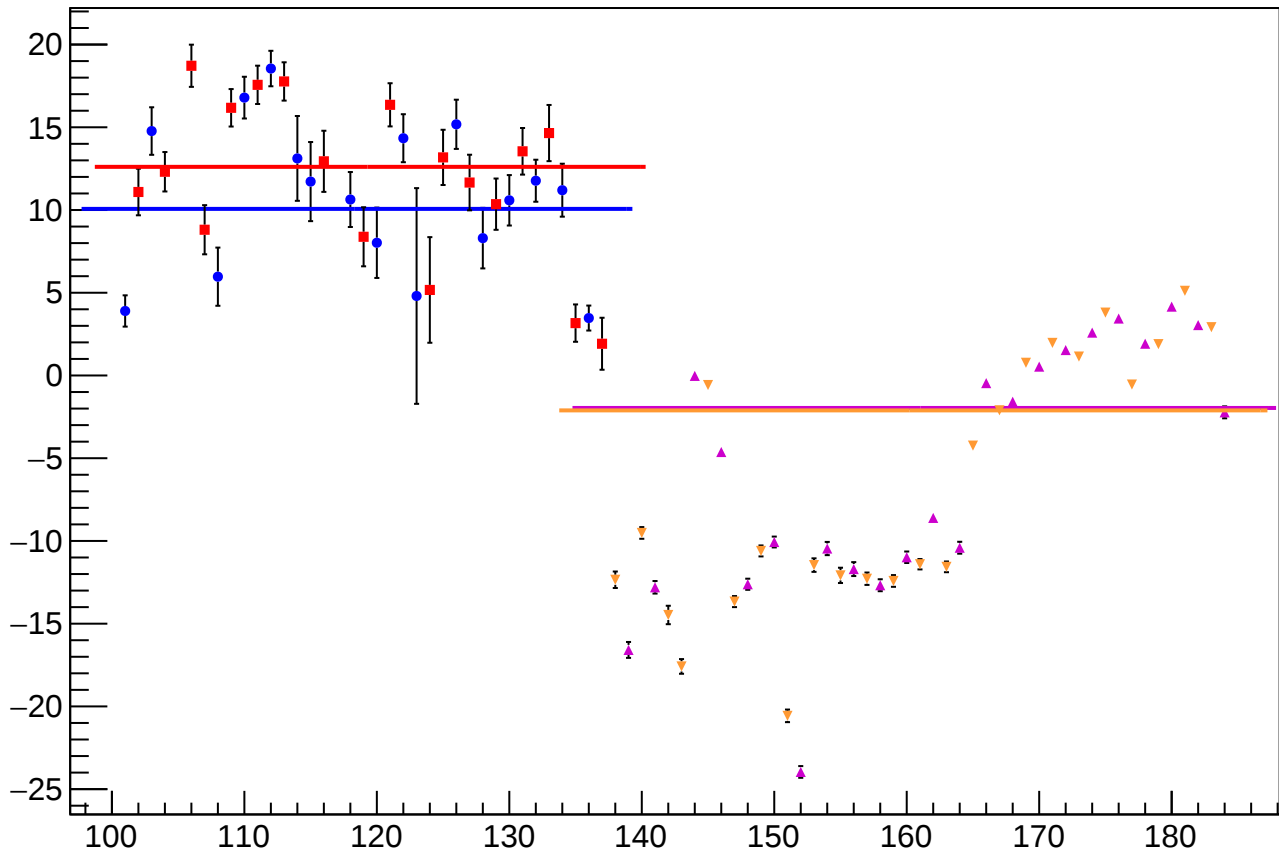
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -5.779 ± 0.040 χ^2/NDF : 2826.9/39

Out: -5.760 ± 0.041 χ^2/NDF : 2579.3/41

All: -5.769 ± 0.028 χ^2/NDF : 5406.3/81

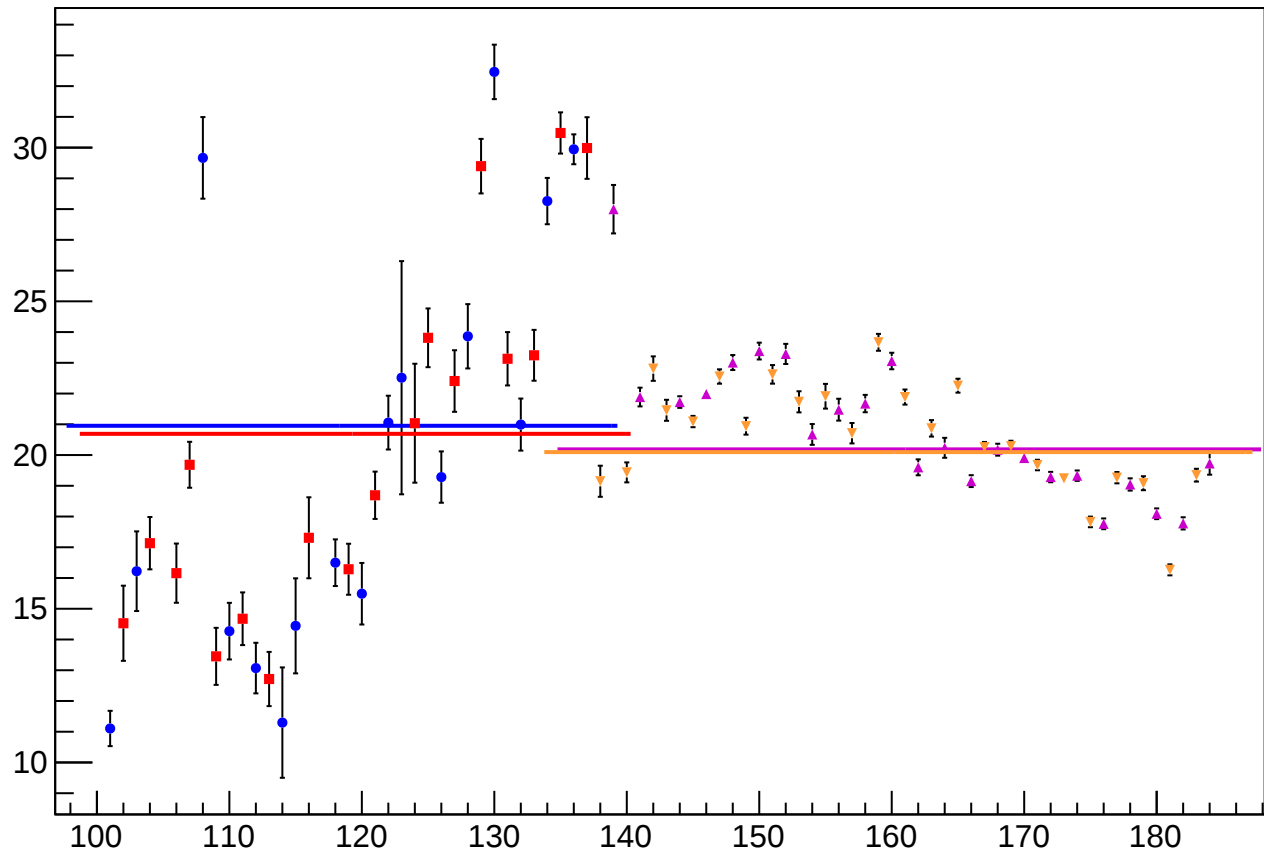
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$
 Left Out: -2.110 ± 0.052 $\chi^2/\text{NDF}: 16299.2/23$
 Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$
 Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

Left: -2.035 ± 0.036 $\chi^2/\text{NDF}: 31796.2/46$
 Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$
 In: -1.694 ± 0.050 $\chi^2/\text{NDF}: 16989.4/39$
 Out: -1.760 ± 0.051 $\chi^2/\text{NDF}: 18424.3/41$
 All: -1.726 ± 0.036 $\chi^2/\text{NDF}: 35414.6/81$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.096 $\pm$ 0.046 χ^2 /NDF:1378.0/23

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 20.184 $\pm$ 0.046 χ^2 /NDF:1470.7/22

Left: 20.141 $\pm$ 0.033 χ^2 /NDF: 2850.6/46

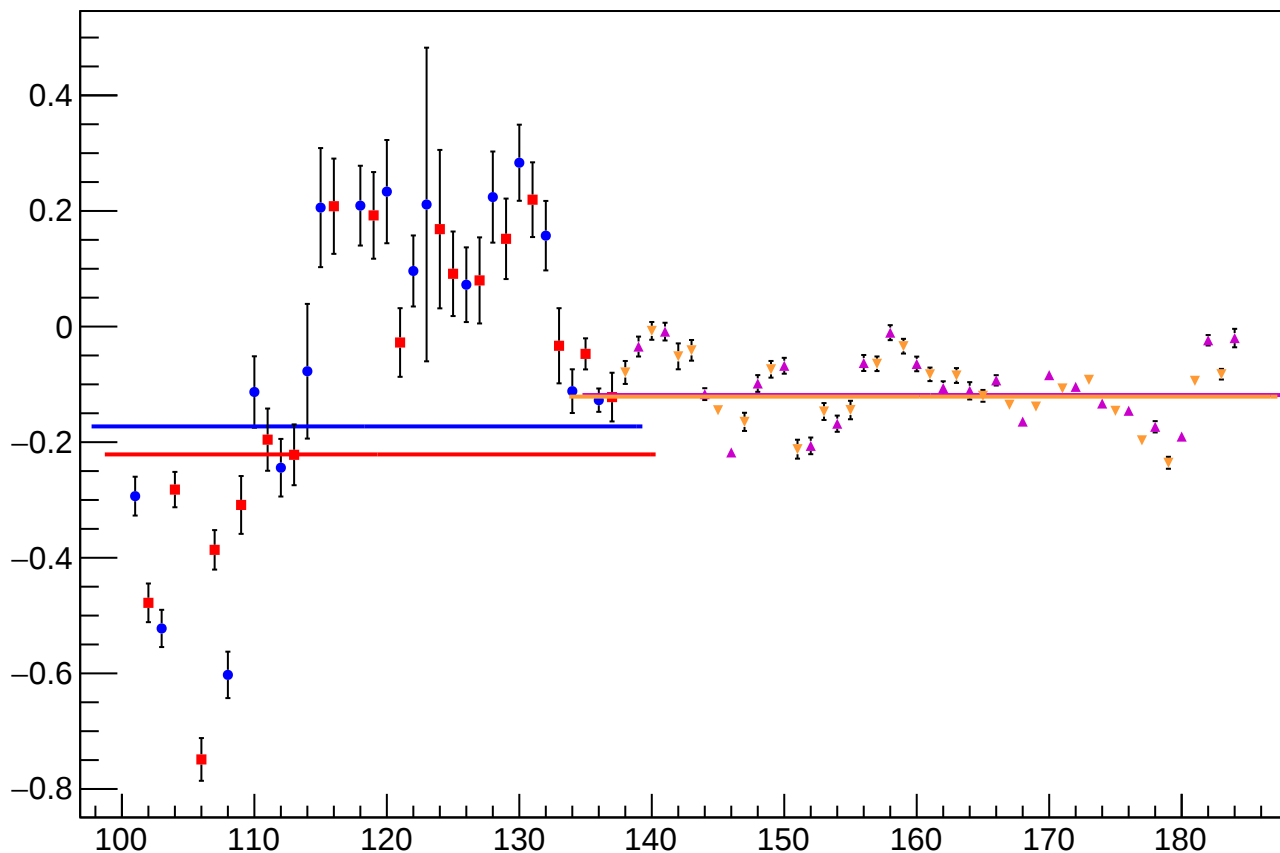
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 20.219 $\pm$ 0.045 χ^2 /NDF:2706.2/39

Out: 20.123 $\pm$ 0.045 χ^2 /NDF:2112.4/41

All: 20.172 $\pm$ 0.032 χ^2 /NDF: 4820.9/81

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.121 ± 0.002 χ^2/NDF : 521.1/23

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.118 ± 0.002 χ^2/NDF : 727.5/22

Left: -0.120 ± 0.001 χ^2/NDF : 1249.4/46

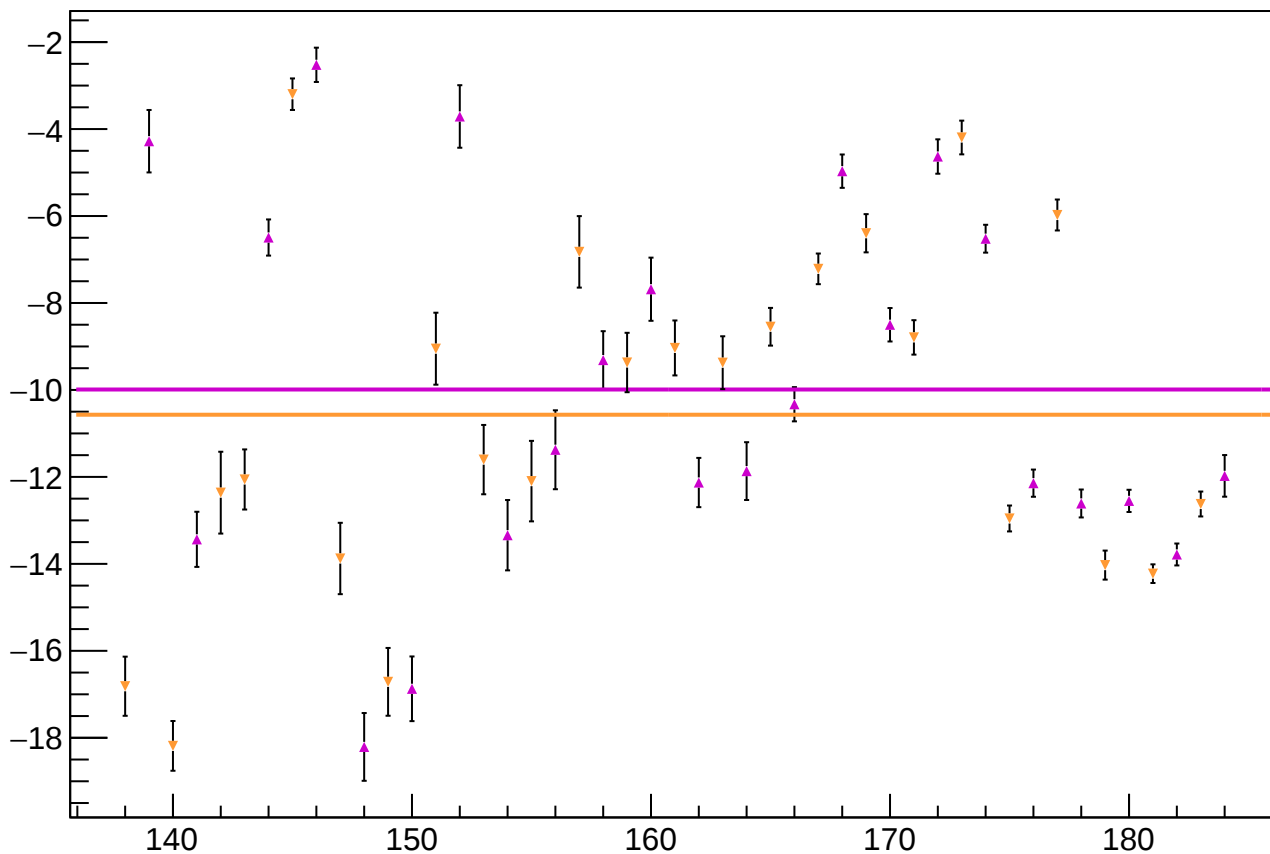
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.120 ± 0.002 χ^2/NDF : 1210.5/39

Out: -0.125 ± 0.002 χ^2/NDF : 1136.3/41

All: -0.123 ± 0.001 χ^2/NDF : 2349.2/81

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Left: -10.280+/-0.063 χ^2/NDF : 3791.1/46

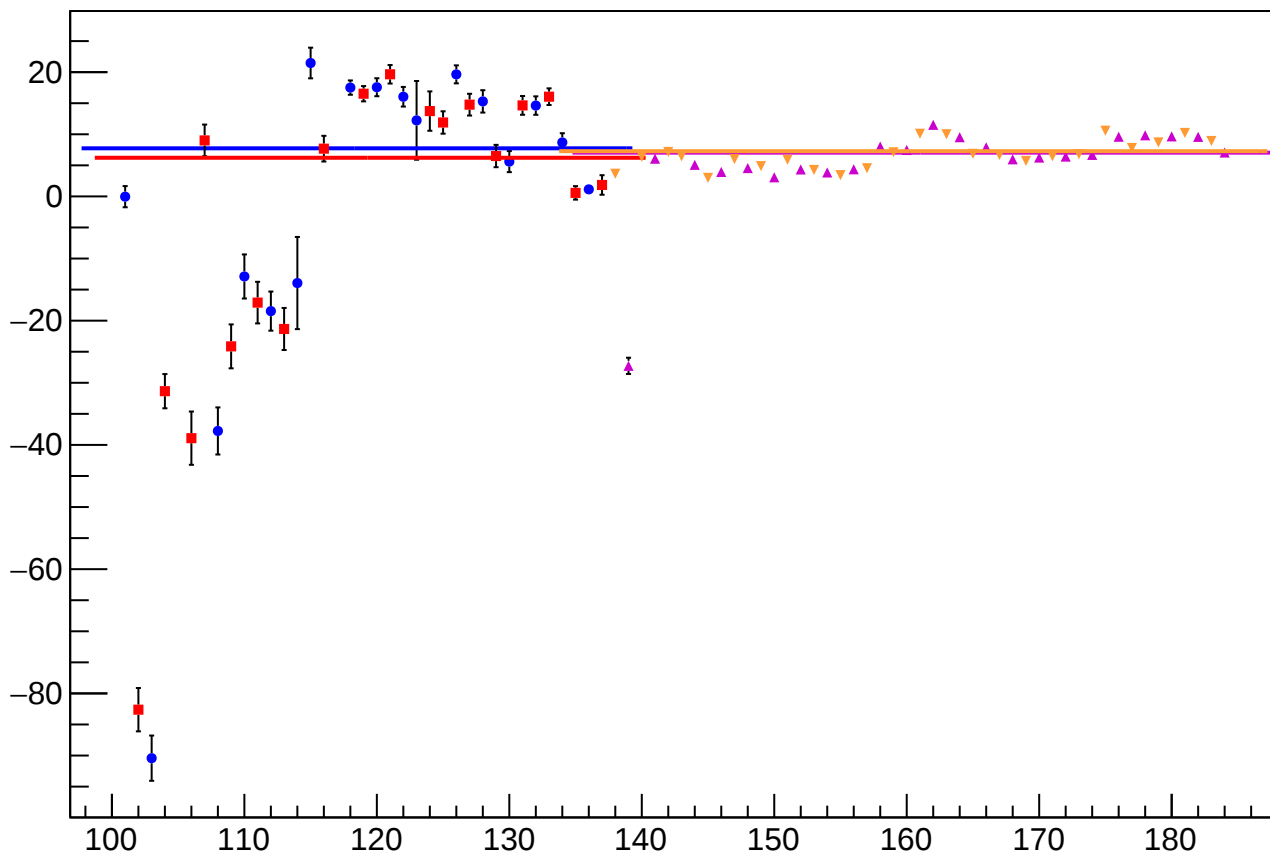
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.990+/-0.089 χ^2/NDF :1794.2/22

Out: -10.570+/-0.089 χ^2/NDF :1975.8/23

All: -10.280+/-0.063 χ^2/NDF : 3791.1/46

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 7.282 ± 0.074 χ^2/NDF : 852.1/23

Right Out: 6.220 ± 0.434 χ^2/NDF : 1445.9/17

Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

Left: 7.162 ± 0.052 χ^2/NDF : 2461.9/46

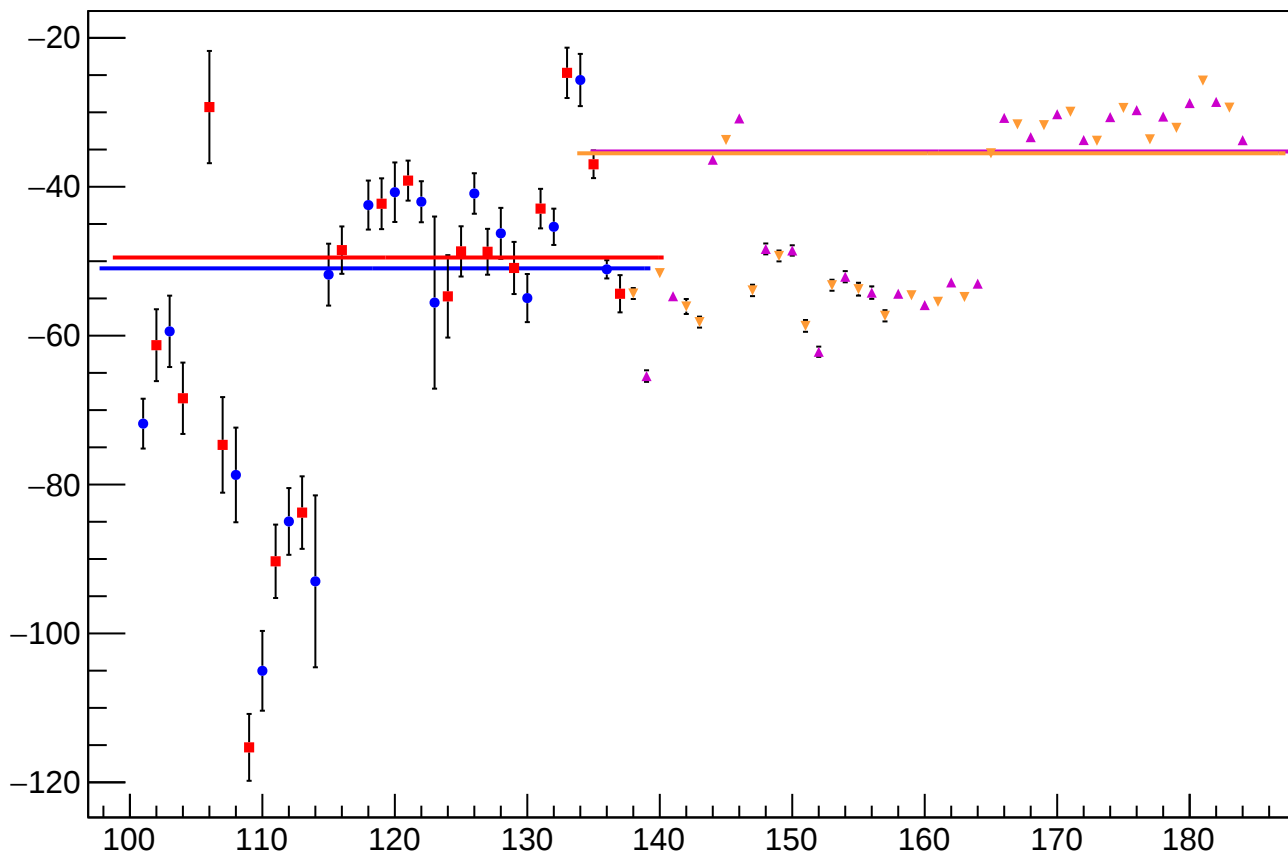
Right: 7.037 ± 0.295 χ^2/NDF : 2811.4/34

In: 7.066 ± 0.073 χ^2/NDF : 2966.4/39

Out: 7.252 ± 0.073 χ^2/NDF : 2303.9/41

All: 7.158 ± 0.052 χ^2/NDF : 5273.5/81

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -35.504 ± 0.090 χ^2/NDF : 12761.7/23

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

Left: -35.382 ± 0.064 χ^2/NDF : 24534.6/46

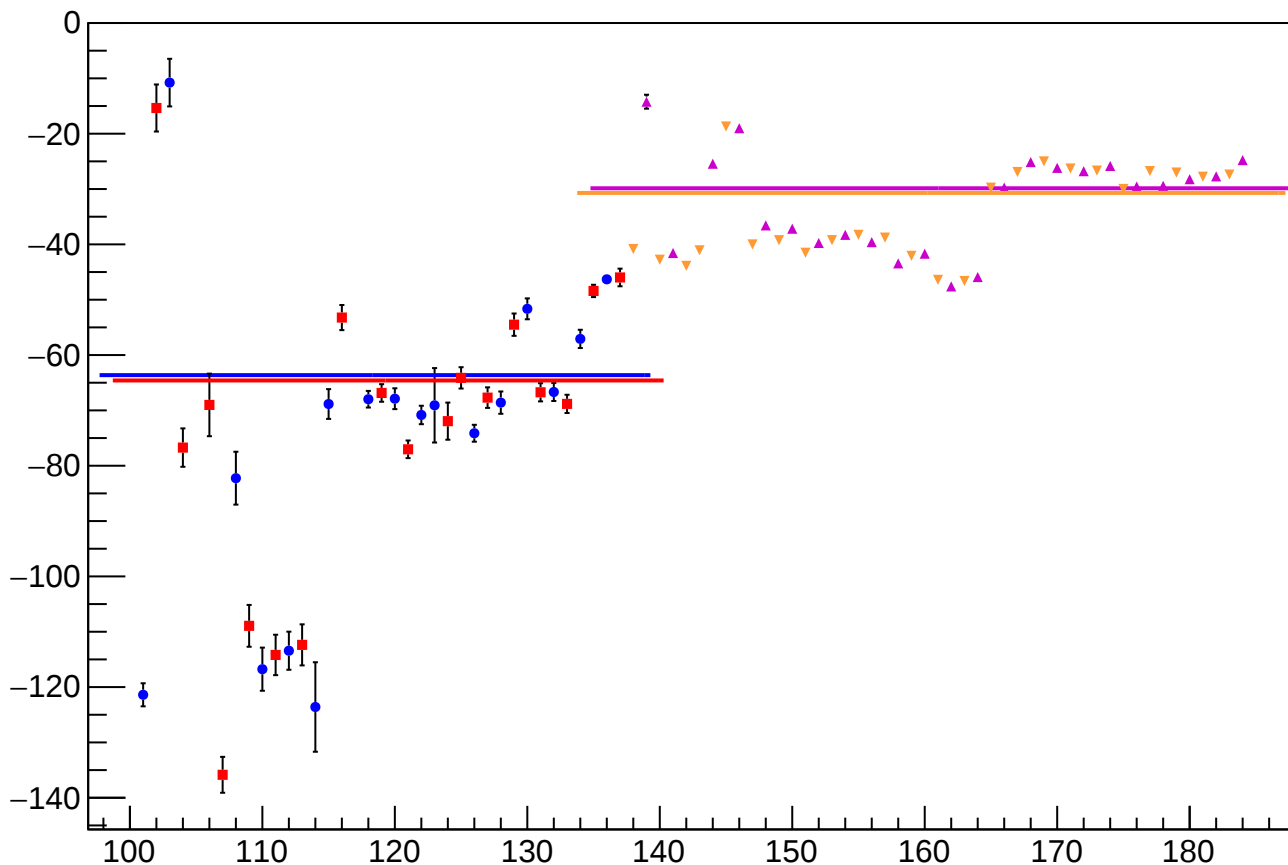
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -35.489 ± 0.089 χ^2/NDF : 12546.6/39

Out: -35.681 ± 0.090 χ^2/NDF : 13571.9/41

All: -35.584 ± 0.063 χ^2/NDF : 26120.8/81

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.702 ± 0.083 χ^2/NDF : 7826.2/23

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -29.863 ± 0.082 χ^2/NDF : 7145.9/22

Left: -30.280 ± 0.058 χ^2/NDF : 15023.9/46

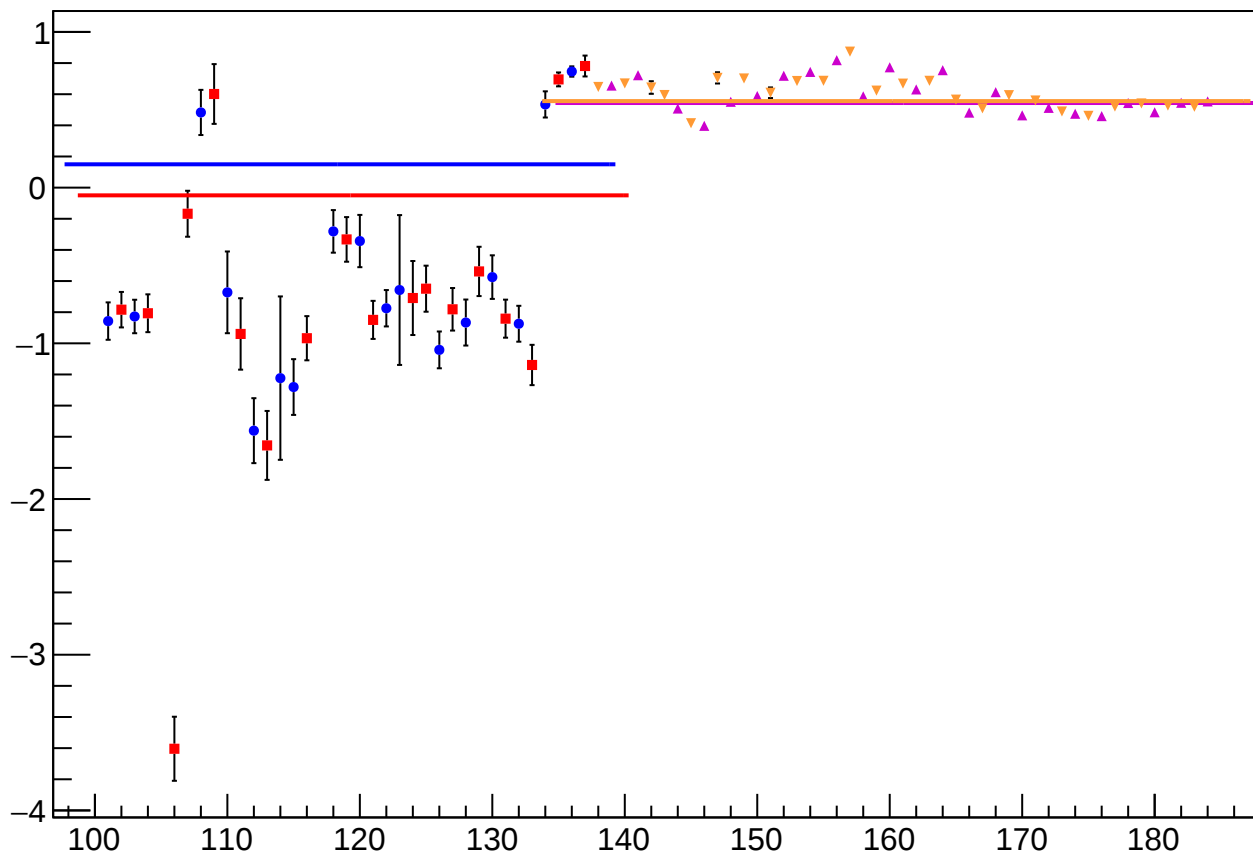
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -30.975 ± 0.081 χ^2/NDF : 14704.7/39

Out: -31.670 ± 0.081 χ^2/NDF : 14219.1/41

All: -31.320 ± 0.057 χ^2/NDF : 28960.4/81

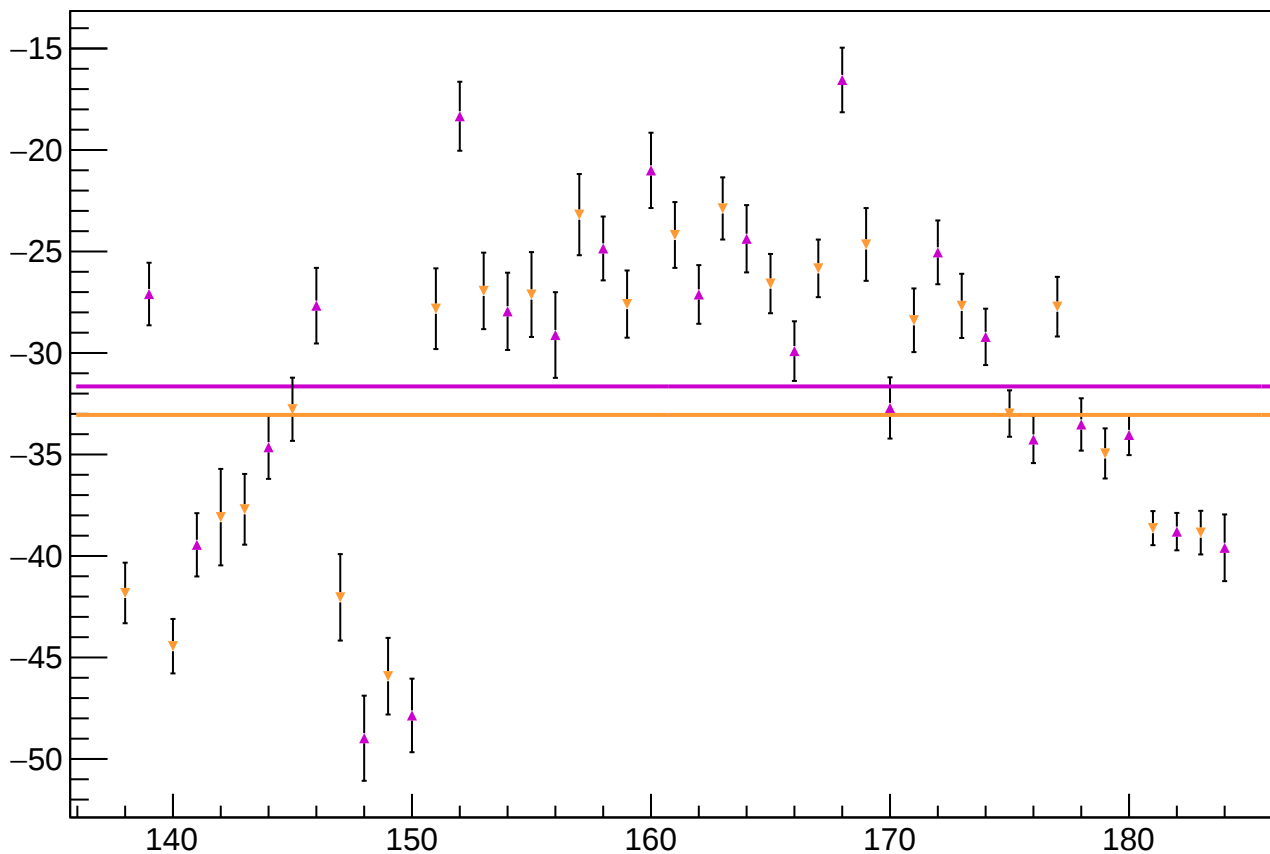
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 $\pm$ 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.556 $\pm$ 0.004 χ^2/NDF : 526.3/23
 Right Out: -0.050 $\pm$ 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.544 $\pm$ 0.004 χ^2/NDF : 659.2/22

Left: 0.550 $\pm$ 0.003 χ^2/NDF : 1190.8/46
 Right: 0.059 $\pm$ 0.018 χ^2/NDF : 2174.6/34
 In: 0.534 $\pm$ 0.004 χ^2/NDF : 1911.3/39
 Out: 0.543 $\pm$ 0.004 χ^2/NDF : 2202.2/41
 All: 0.539 $\pm$ 0.003 χ^2/NDF : 4116.6/81

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22

Left: -32.359 $\pm$ 0.216 χ^2 /NDF: 1051.4/46

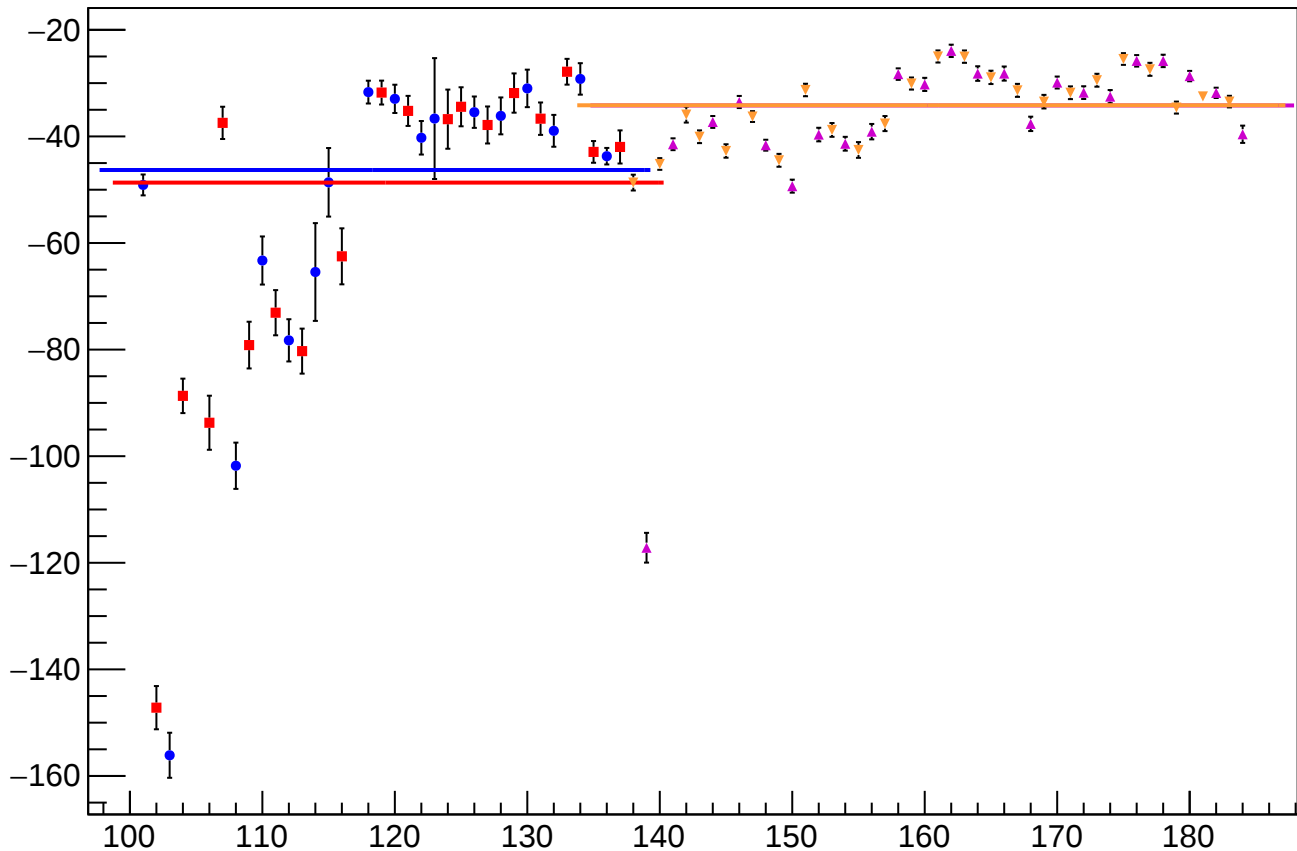
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -31.647 $\pm$ 0.308 χ^2 /NDF:546.9/22

Out: -33.051 $\pm$ 0.303 χ^2 /NDF:494.0/23

All: -32.359 $\pm$ 0.216 χ^2 /NDF: 1051.4/46

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.157 ± 0.244 χ^2/NDF : 679.4/23

Right Out: -48.666 ± 0.763 χ^2/NDF : 1212.3/17

Left In: -34.189 ± 0.250 χ^2/NDF : 1546.1/22

Left: -34.173 ± 0.175 χ^2/NDF : 2225.6/46

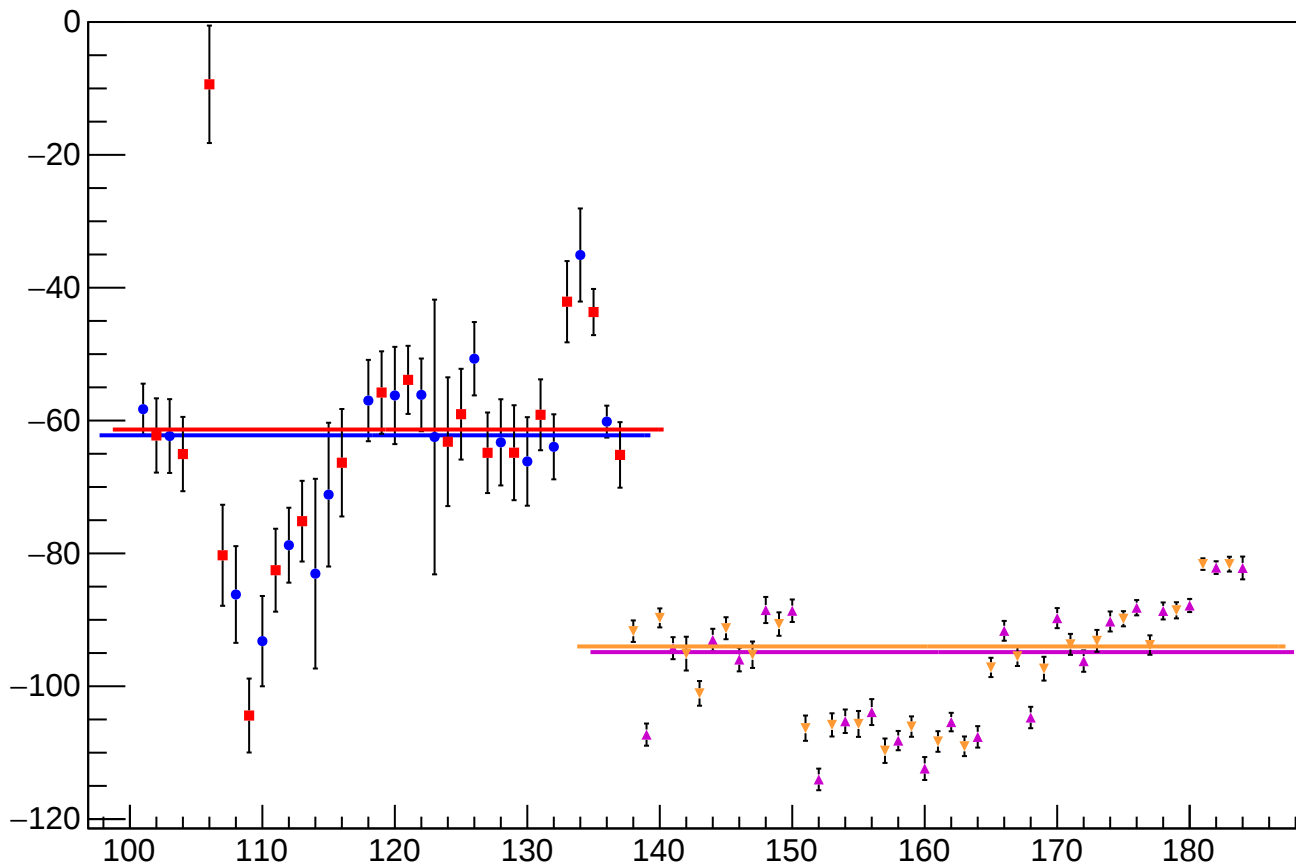
Right: -47.420 ± 0.525 χ^2/NDF : 2301.3/34

In: -35.483 ± 0.236 χ^2/NDF : 2880.4/39

Out: -35.497 ± 0.232 χ^2/NDF : 2219.6/41

All: -35.490 ± 0.166 χ^2/NDF : 5100.1/81

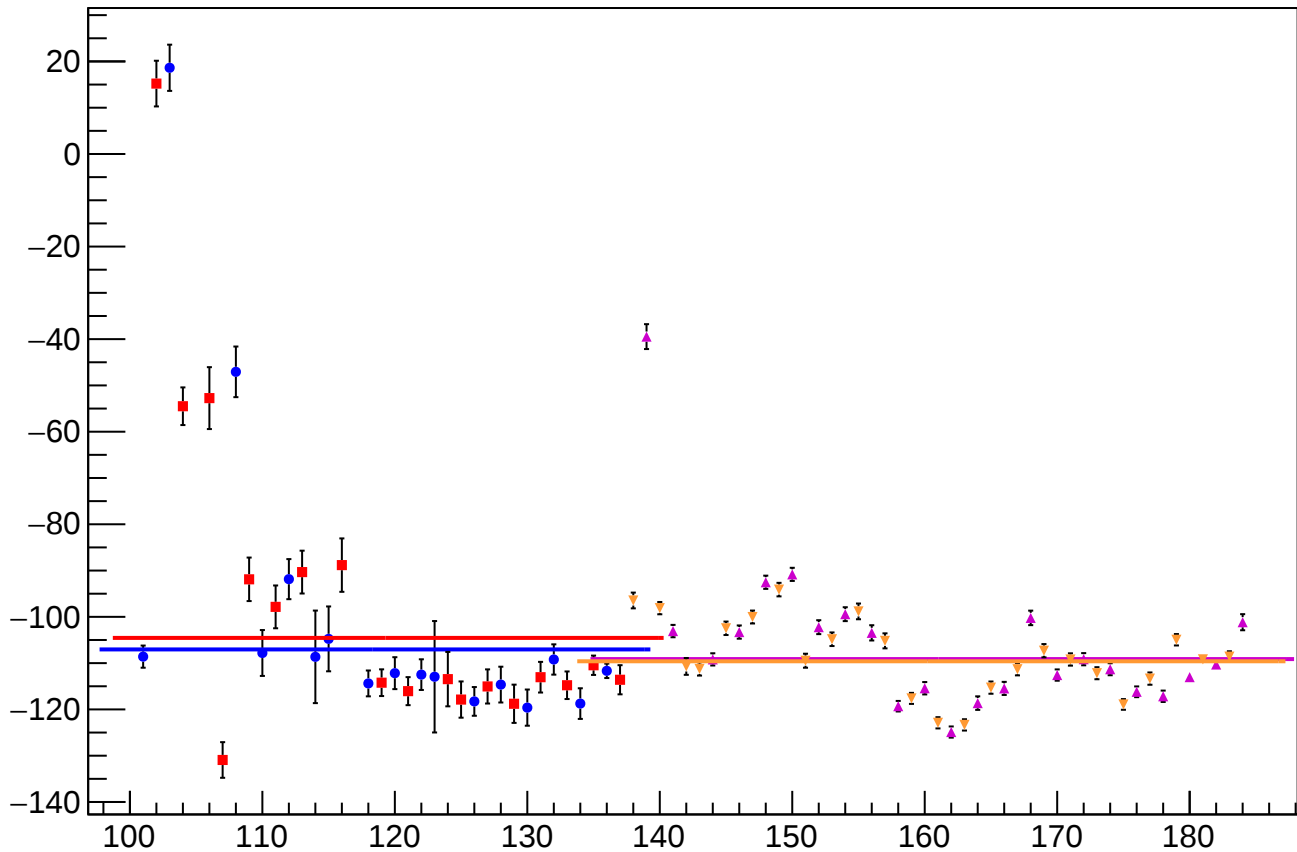
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -94.006 ± 0.305 $\chi^2/\text{NDF}: 847.2/23$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -94.861 ± 0.307 $\chi^2/\text{NDF}: 985.5/22$

Left: -94.430 ± 0.216 $\chi^2/\text{NDF}: 1836.6/46$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -93.163 ± 0.299 $\chi^2/\text{NDF}: 1639.8/39$
 Out: -92.495 ± 0.298 $\chi^2/\text{NDF}: 1537.5/41$
 All: -92.827 ± 0.211 $\chi^2/\text{NDF}: 3179.8/81$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.600 ± 0.274 χ^2/NDF : 783.5/23

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -109.126 ± 0.279 χ^2/NDF : 1578.7/22

Left: -109.368 ± 0.195 χ^2/NDF : 2363.7/46

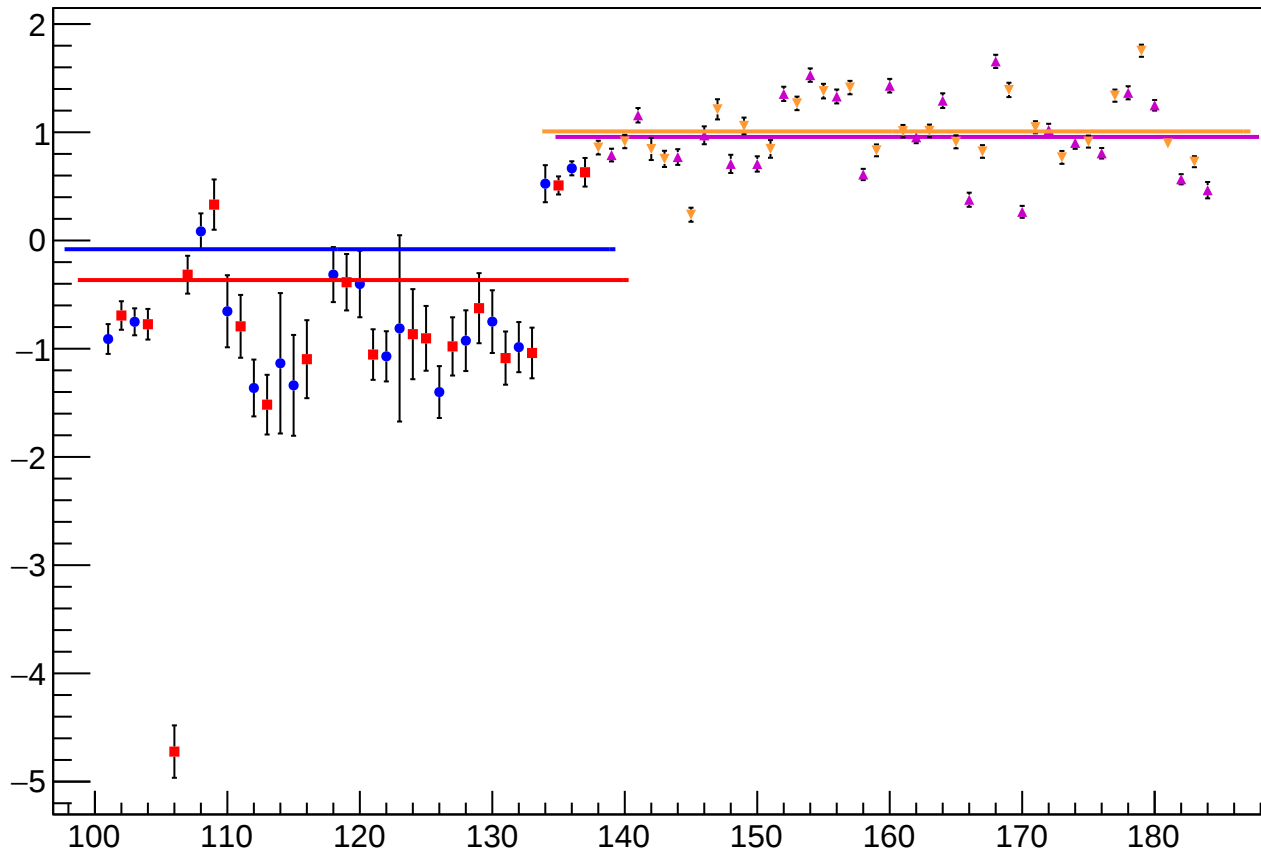
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -108.906 ± 0.264 χ^2/NDF : 2412.5/39

Out: -109.136 ± 0.261 χ^2/NDF : 1782.2/41

All: -109.023 ± 0.186 χ^2/NDF : 4195.0/81

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 1.008 ± 0.013 χ^2/NDF : 584.2/23

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

Left: 0.982 ± 0.009 χ^2/NDF : 1488.9/46

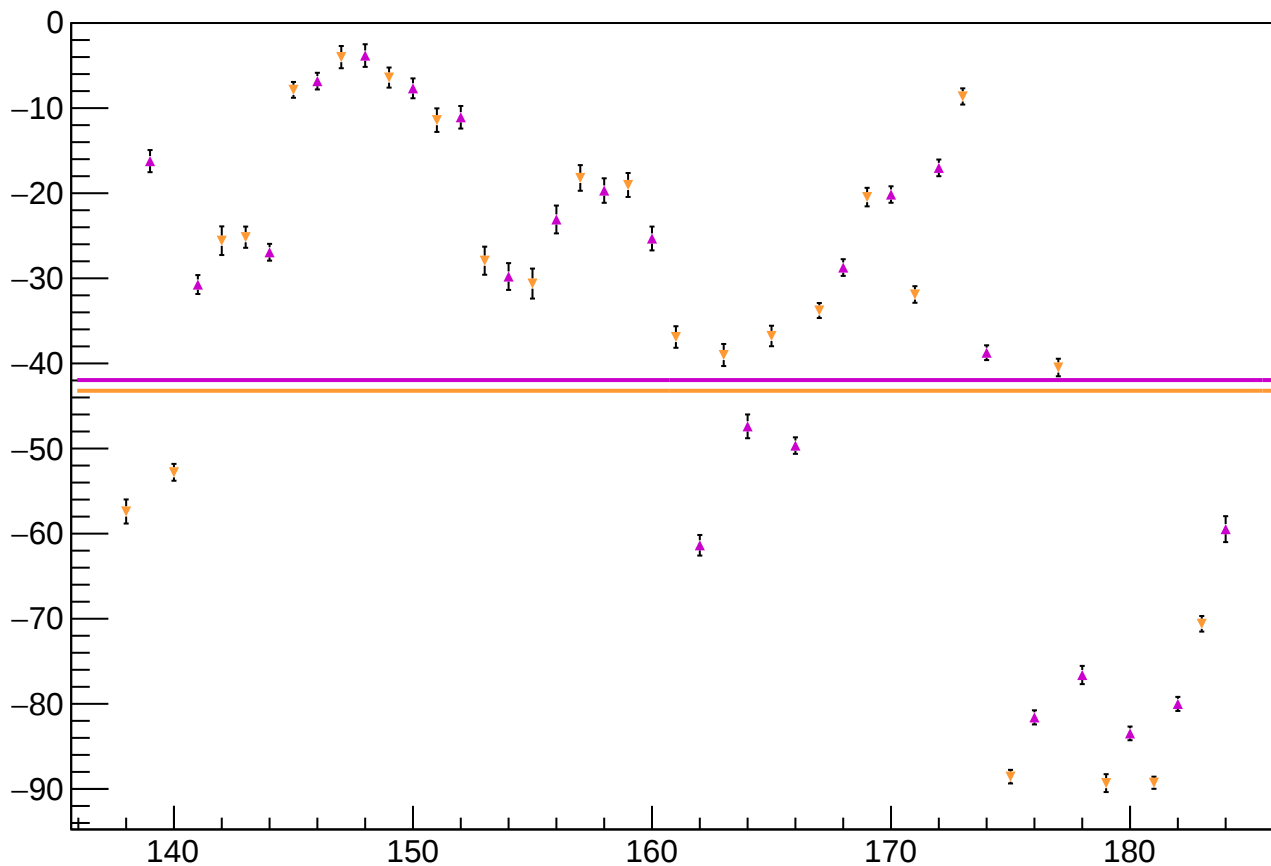
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.872 ± 0.012 χ^2/NDF : 1780.6/39

Out: 0.904 ± 0.012 χ^2/NDF : 2057.8/41

All: 0.888 ± 0.009 χ^2/NDF : 3842.0/81

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Left: -42.589+/-0.159 χ^2/NDF : 32079.2/46

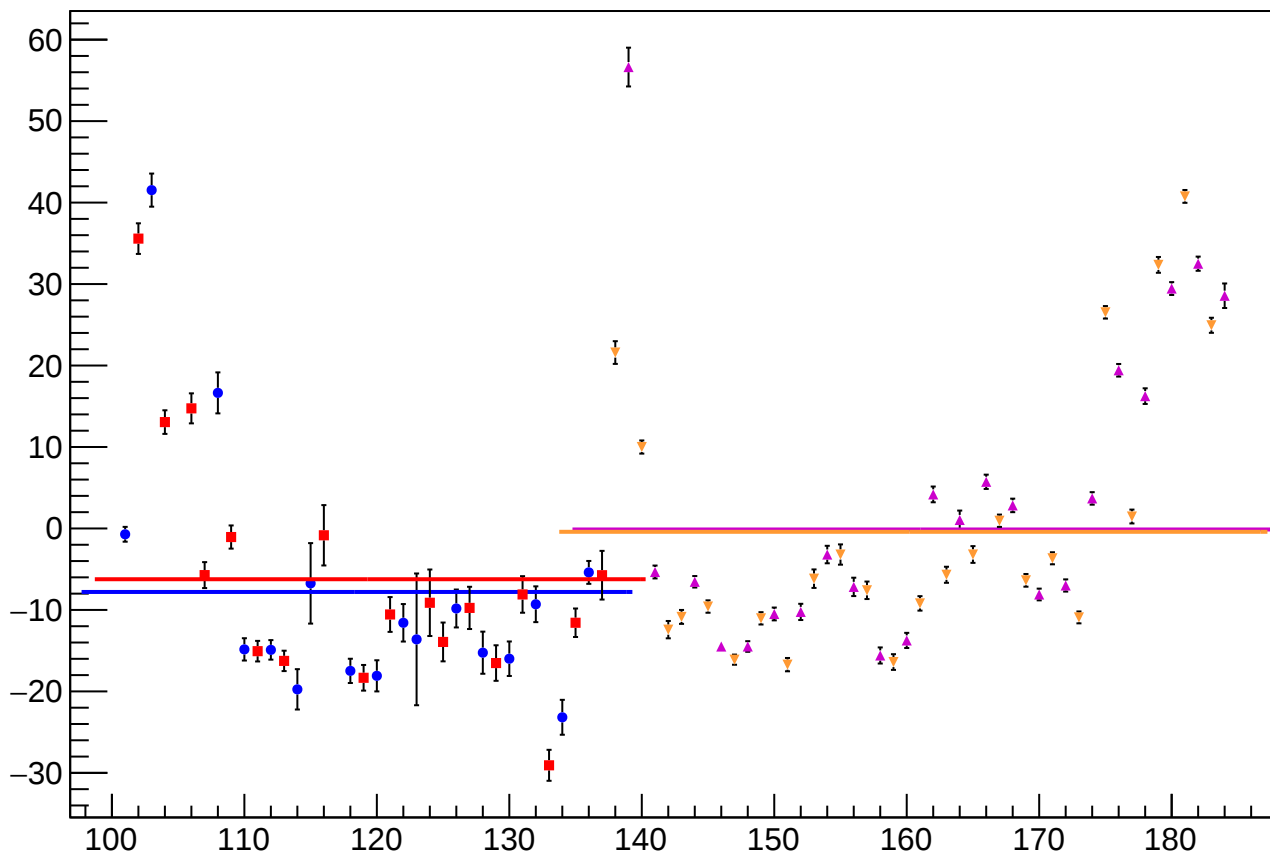
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Out: -43.213+/-0.224 χ^2/NDF :17340.2/23

All: -42.589+/-0.159 χ^2/NDF : 32079.2/46

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -0.409 ± 0.176 χ^2/NDF : 8687.9/23

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -0.125 ± 0.179 χ^2/NDF : 6925.0/22

Left: -0.269 ± 0.125 χ^2/NDF : 15614.2/46

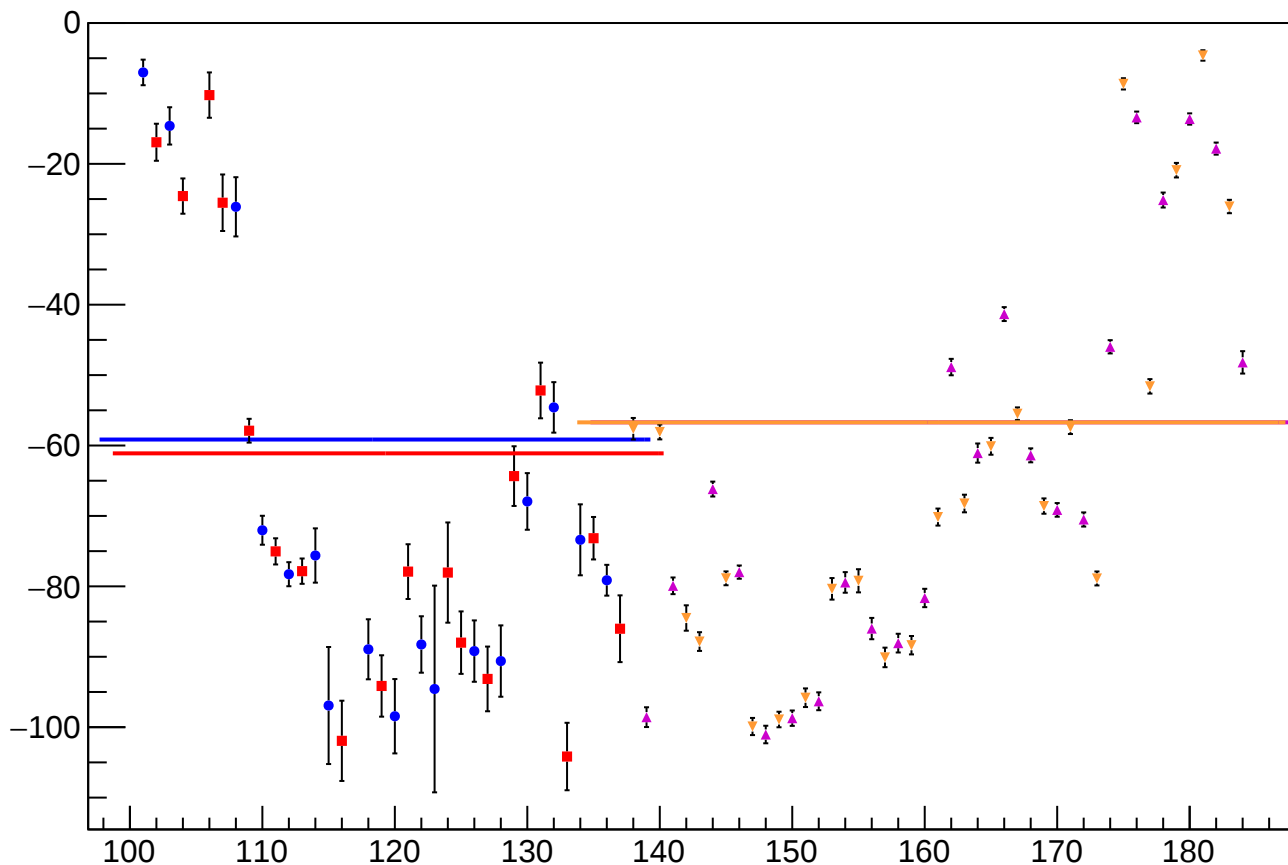
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -1.262 ± 0.165 χ^2/NDF : 8181.2/39

Out: -1.242 ± 0.163 χ^2/NDF : 10028.1/41

All: -1.252 ± 0.116 χ^2/NDF : 18209.3/81

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -56.712 ± 0.225 χ^2/NDF : 18104.9/23

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

Left: -56.708 ± 0.160 χ^2/NDF : 34652.4/46

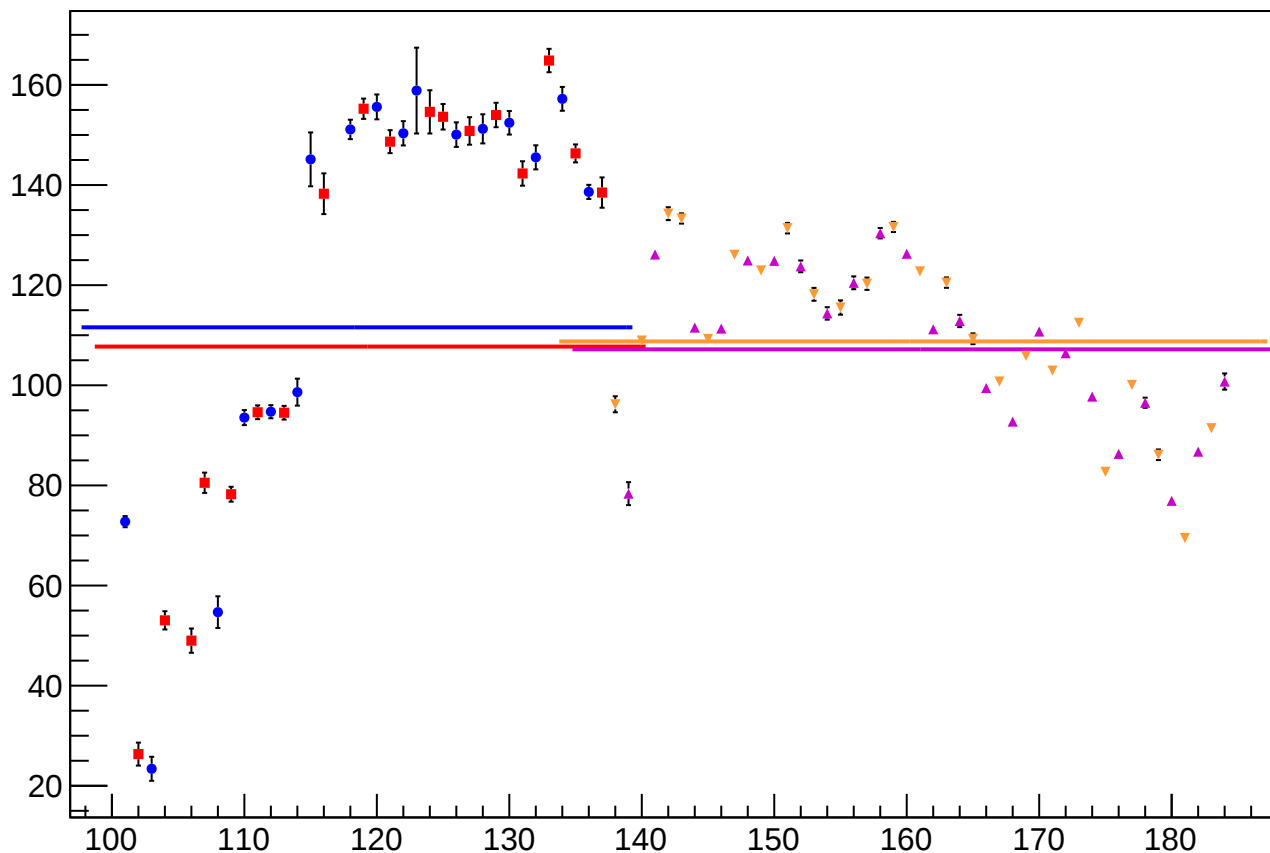
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -56.911 ± 0.216 χ^2/NDF : 18275.7/39

Out: -57.117 ± 0.215 χ^2/NDF : 19457.8/41

All: -57.015 ± 0.152 χ^2/NDF : 37734.0/81

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 108.764 $\pm$ 0.199 χ^2 /NDF: 7395.8/23

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

Left: 107.983 $\pm$ 0.142 χ^2 /NDF: 13019.4/46

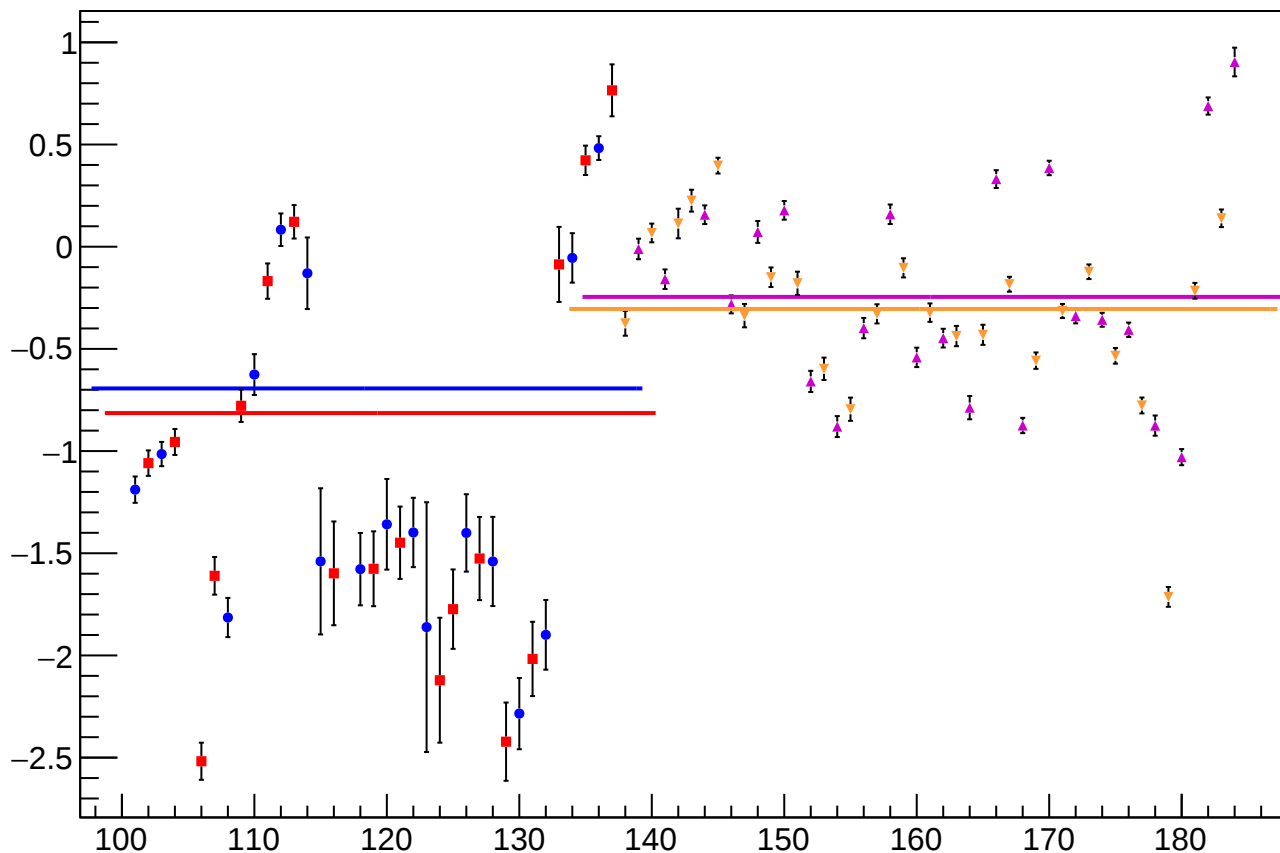
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 107.823 $\pm$ 0.186 χ^2 /NDF: 11607.8/39

Out: 108.618 $\pm$ 0.184 χ^2 /NDF: 14235.8/41

All: 108.225 $\pm$ 0.131 χ^2 /NDF: 25852.8/81

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16

Left Out: -0.305 ± 0.009 χ^2/NDF : 1898.9/23

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

Left: -0.275 ± 0.007 χ^2/NDF : 4723.8/46

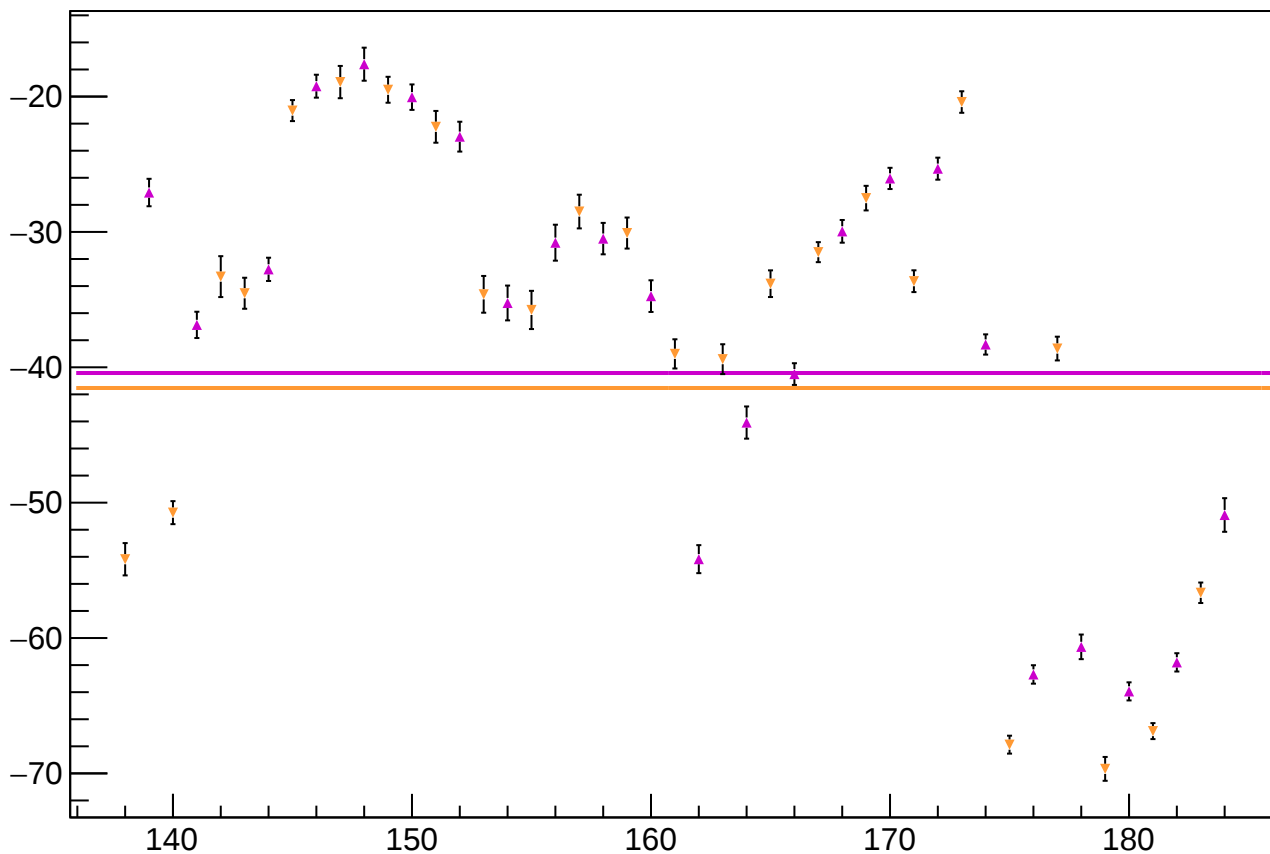
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.296 ± 0.009 χ^2/NDF : 4062.2/39

Out: -0.368 ± 0.009 χ^2/NDF : 3587.1/41

All: -0.332 ± 0.006 χ^2/NDF : 7683.4/81

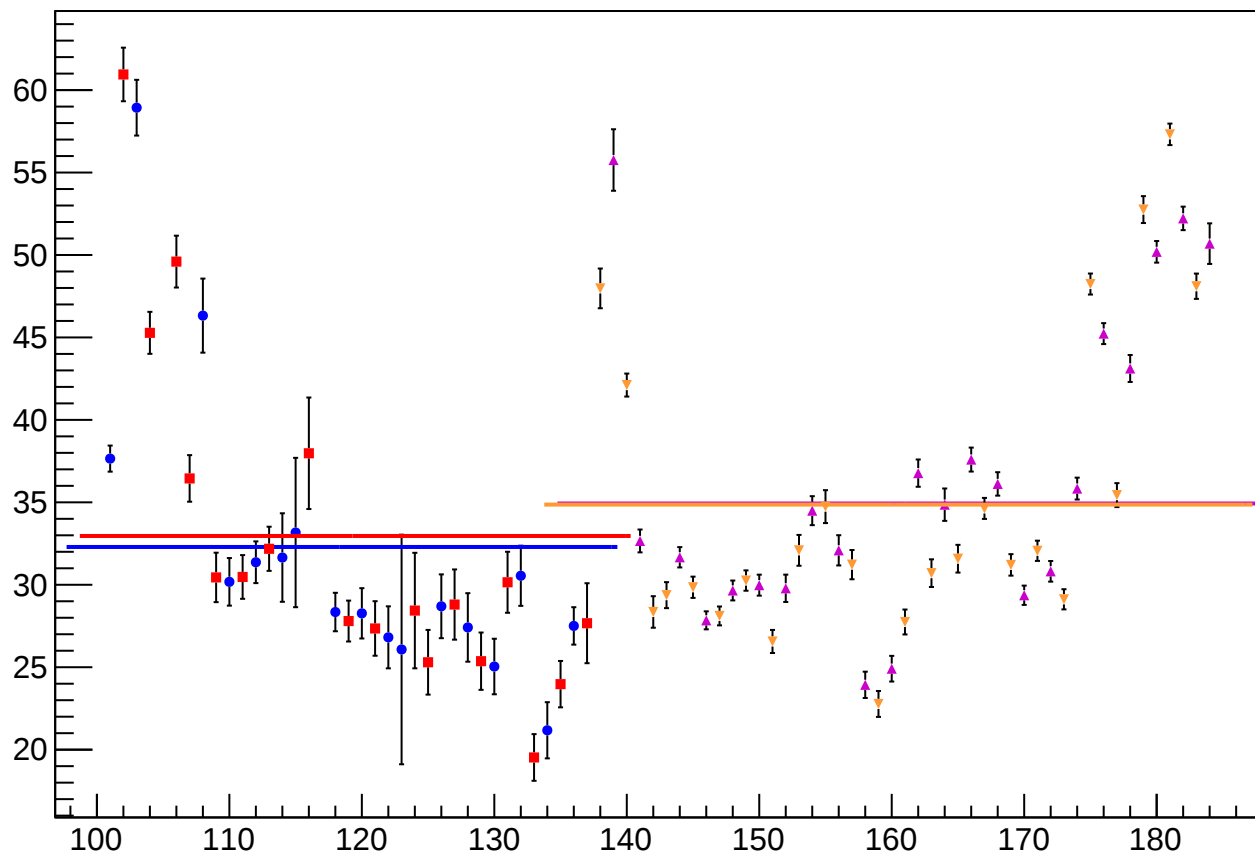
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.529+/-0.188 χ^2/NDF :8554.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.422+/-0.189 χ^2/NDF :7030.2/22

Left: -40.978+/-0.133 χ^2/NDF : 15602.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.422+/-0.189 χ^2/NDF :7030.2/22
 Out: -41.529+/-0.188 χ^2/NDF :8554.8/23
 All: -40.978+/-0.133 χ^2/NDF : 15602.2/46

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 34.863 ± 0.149 $\chi^2/\text{NDF}: 3654.5/23$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 34.928 ± 0.151 $\chi^2/\text{NDF}: 2688.4/22$

Left: 34.895 ± 0.106 $\chi^2/\text{NDF}: 6343.0/46$

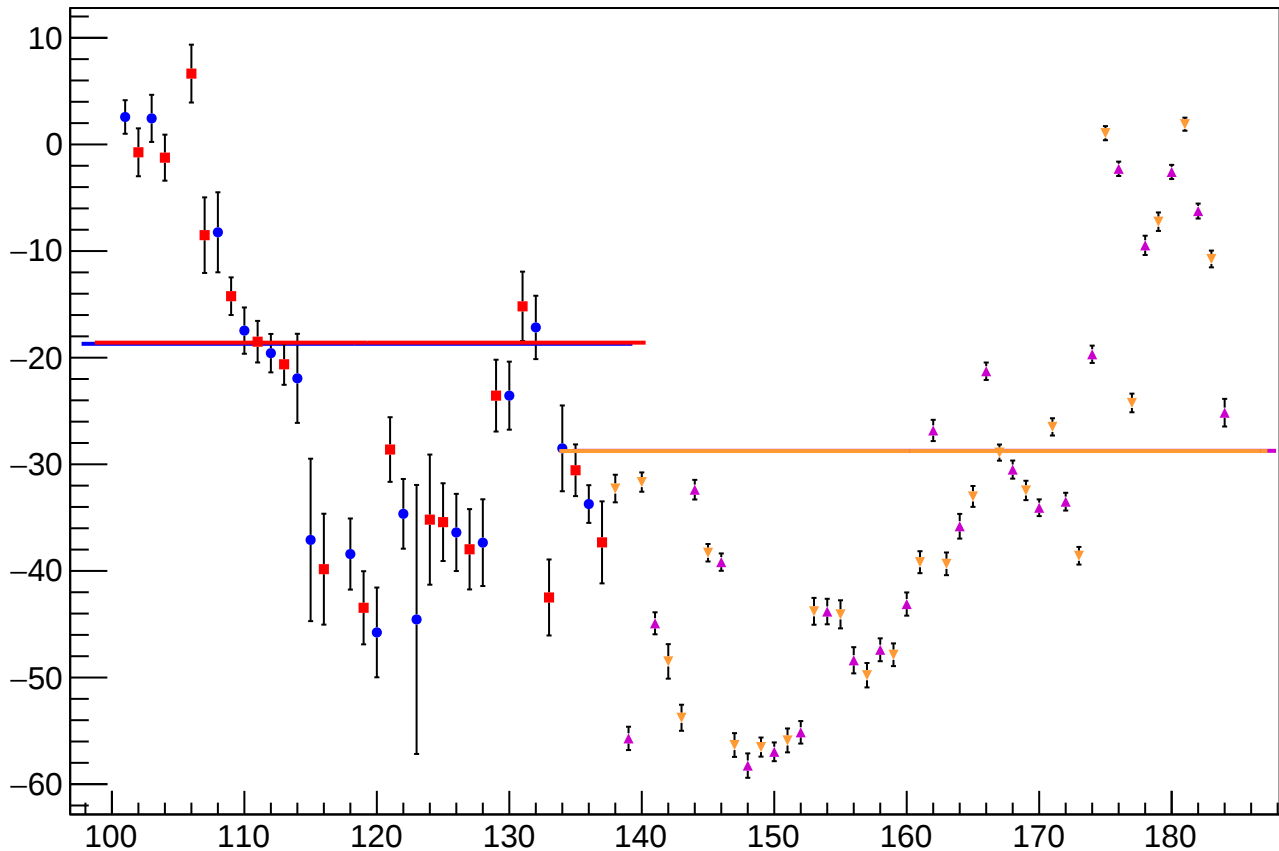
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 34.557 ± 0.140 $\chi^2/\text{NDF}: 3183.8/39$

Out: 34.610 ± 0.138 $\chi^2/\text{NDF}: 4400.3/41$

All: 34.584 ± 0.098 $\chi^2/\text{NDF}: 7584.2/81$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -28.756 ± 0.189 χ^2/NDF : 9891.4/23

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -28.735 ± 0.189 χ^2/NDF : 9155.5/22

Left: -28.746 ± 0.134 χ^2/NDF : 19046.9/46

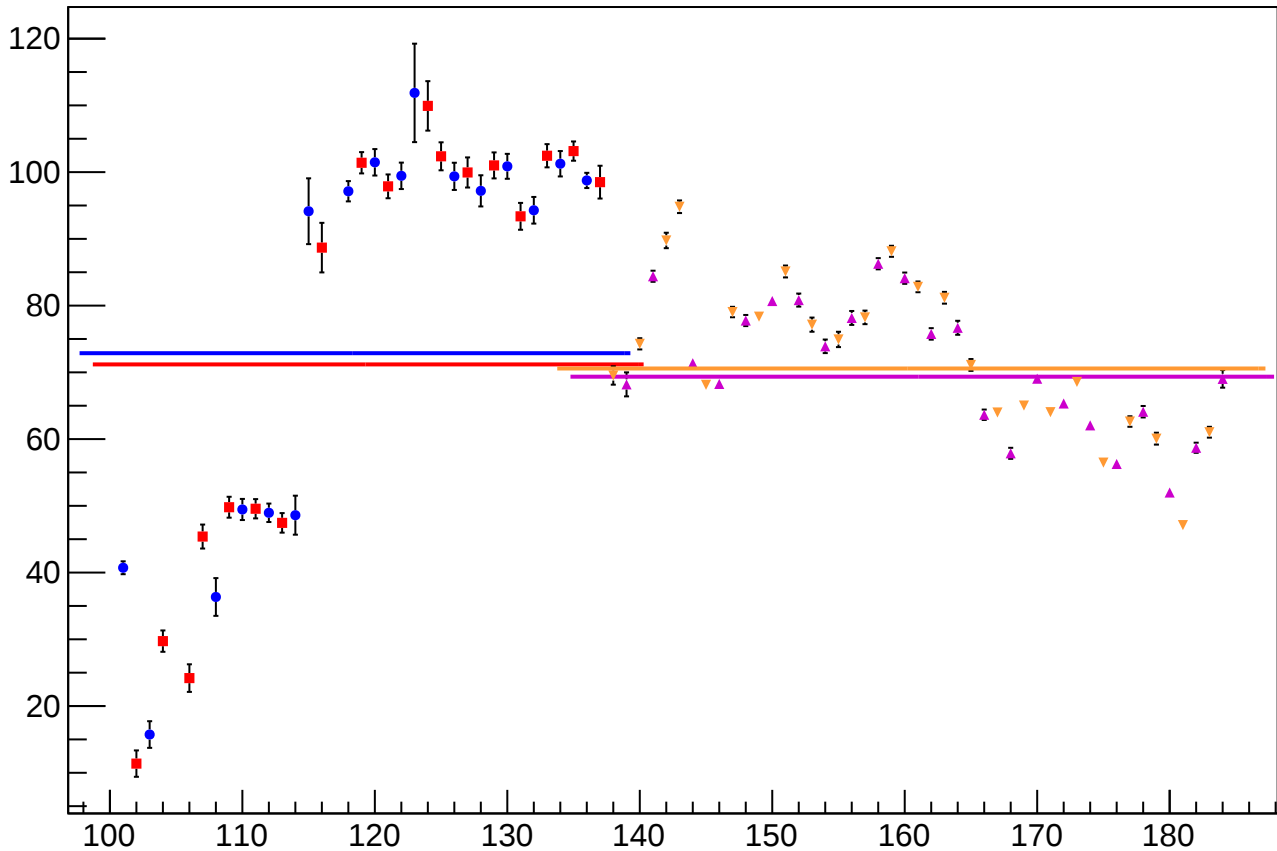
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -27.989 ± 0.182 χ^2/NDF : 9884.5/39

Out: -27.960 ± 0.181 χ^2/NDF : 10579.9/41

All: -27.974 ± 0.128 χ^2/NDF : 20464.4/81

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 70.578+/-0.168 χ^2/NDF : 4590.9/23

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 69.350+/-0.170 χ^2/NDF : 3330.7/22

Left: 69.971+/-0.119 χ^2/NDF : 7948.1/46

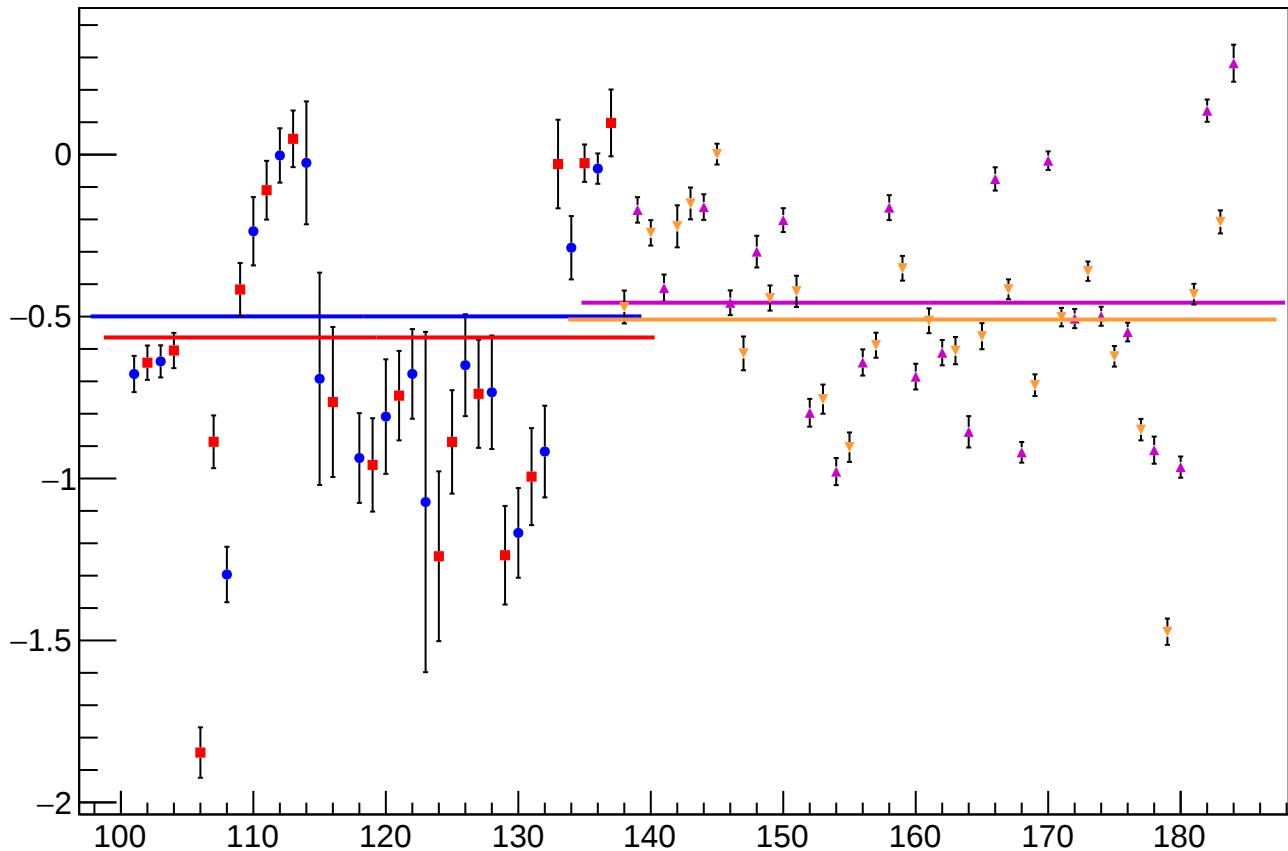
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 69.831+/-0.158 χ^2/NDF : 8116.6/39

Out: 70.657+/-0.156 χ^2/NDF : 9967.8/41

All: 70.247+/-0.111 χ^2/NDF : 18098.2/81

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.509 ± 0.008 χ^2/NDF : 1344.8/23

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.457 ± 0.008 χ^2/NDF : 1975.2/22

Left: -0.483 ± 0.005 χ^2/NDF : 3342.9/46

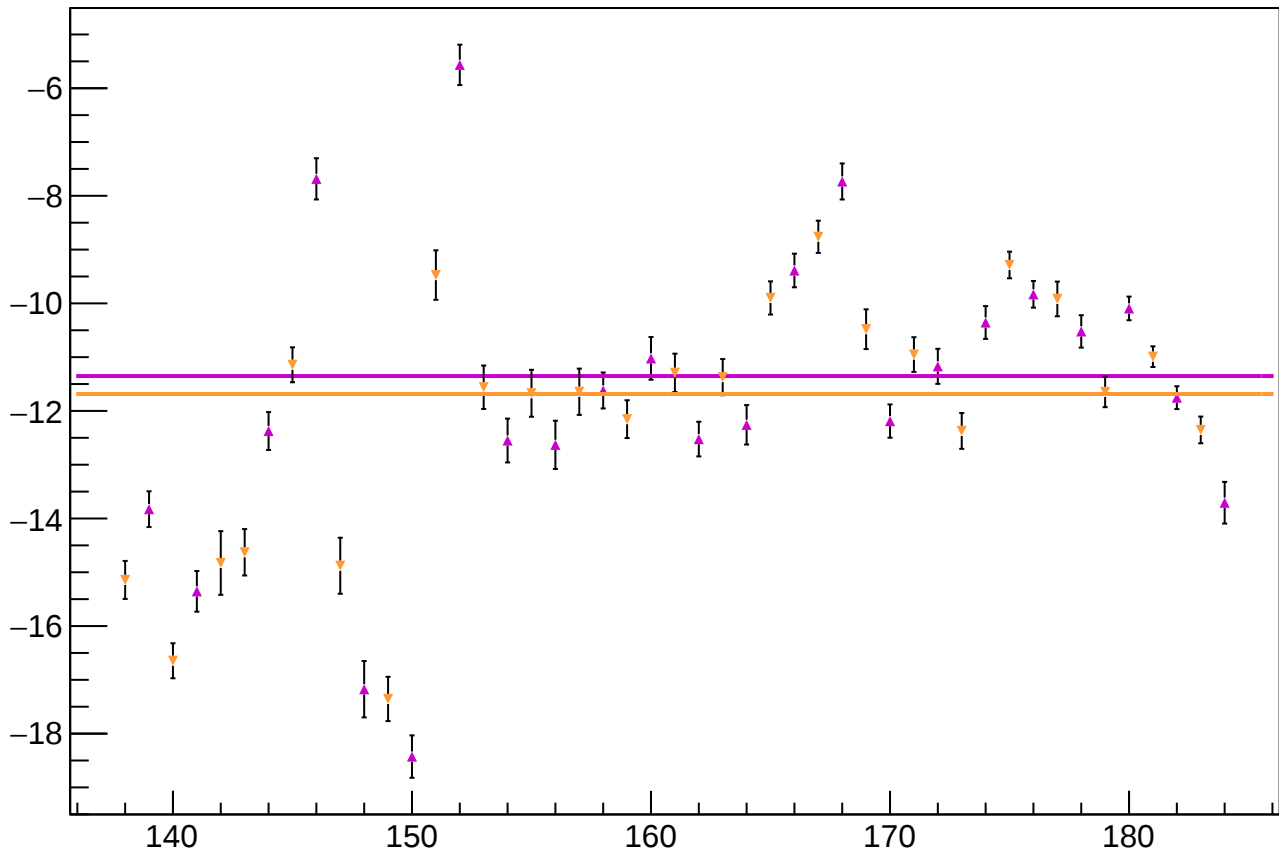
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.462 ± 0.007 χ^2/NDF : 2281.1/39

Out: -0.515 ± 0.007 χ^2/NDF : 1910.0/41

All: -0.489 ± 0.005 χ^2/NDF : 4218.6/81

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.685+/-0.067 χ^2/NDF :952.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.352+/-0.068 χ^2/NDF :1280.6/22

Left: -11.519+/-0.048 χ^2/NDF : 2245.7/46

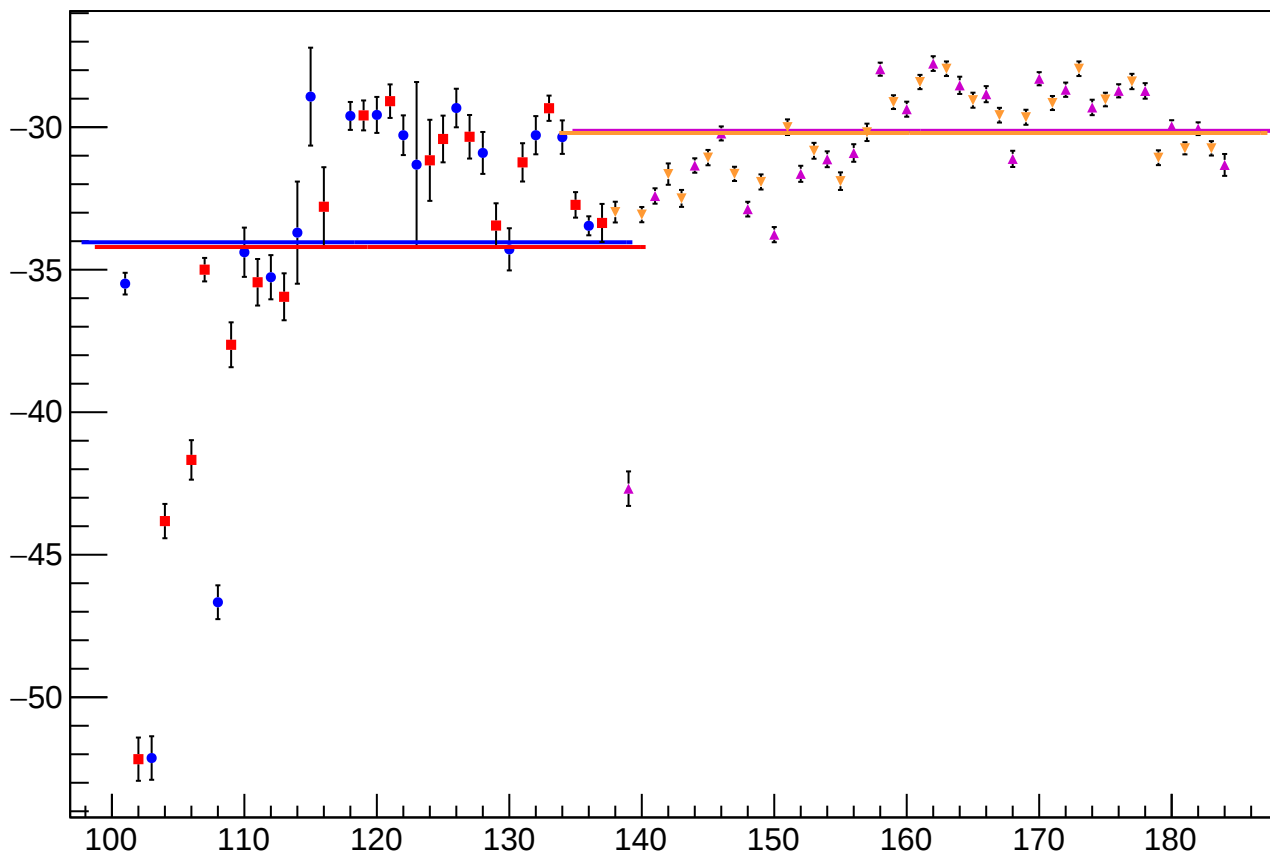
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.352+/-0.068 χ^2/NDF :1280.6/22

Out: -11.685+/-0.067 χ^2/NDF :952.8/23

All: -11.519+/-0.048 χ^2/NDF : 2245.7/46

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.203 ± 0.054 χ^2/NDF : 732.5/23

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -30.128 ± 0.055 χ^2/NDF : 1290.4/22

Left: -30.166 ± 0.039 χ^2/NDF : 2023.9/46

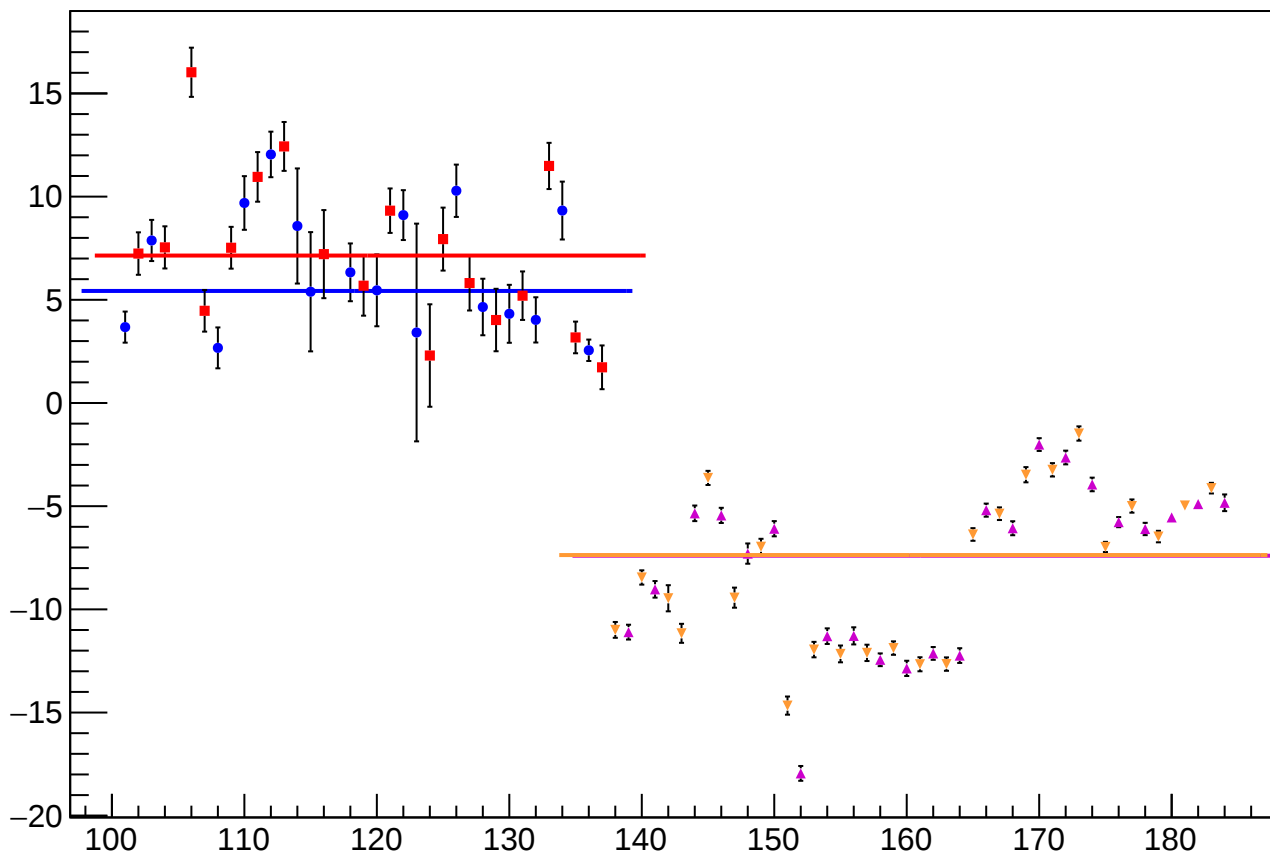
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -30.592 ± 0.052 χ^2/NDF : 3225.3/39

Out: -30.663 ± 0.051 χ^2/NDF : 2676.4/41

All: -30.628 ± 0.036 χ^2/NDF : 5902.7/81

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.369 ± 0.068 χ^2/NDF : 2704.2/23

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

Left: -7.384 ± 0.048 χ^2/NDF : 5839.2/46

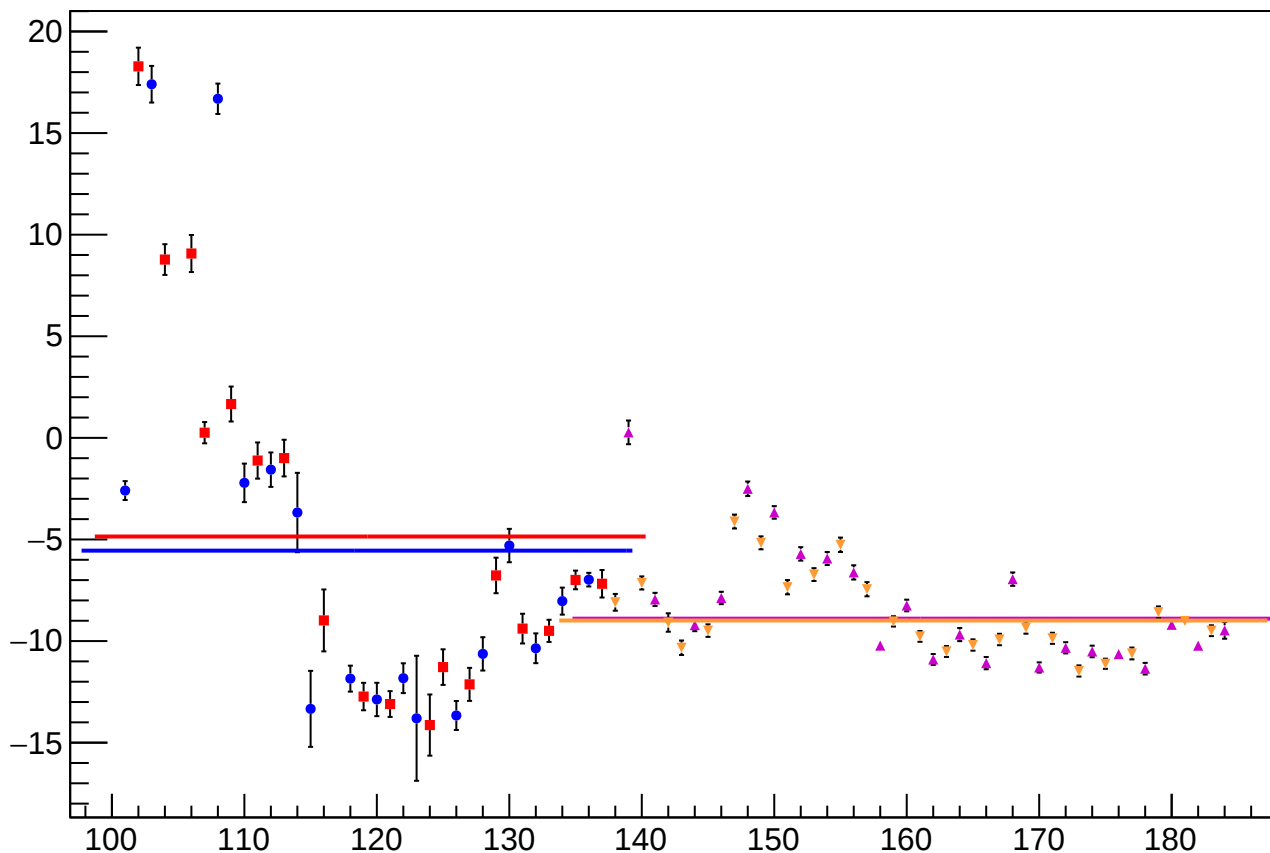
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -6.643 ± 0.066 χ^2/NDF : 5393.8/39

Out: -6.544 ± 0.066 χ^2/NDF : 5510.2/41

All: -6.593 ± 0.046 χ^2/NDF : 10905.2/81

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.988 ± 0.061 χ^2/NDF : 874.0/23

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

Left: -8.943 ± 0.043 χ^2/NDF : 2459.1/46

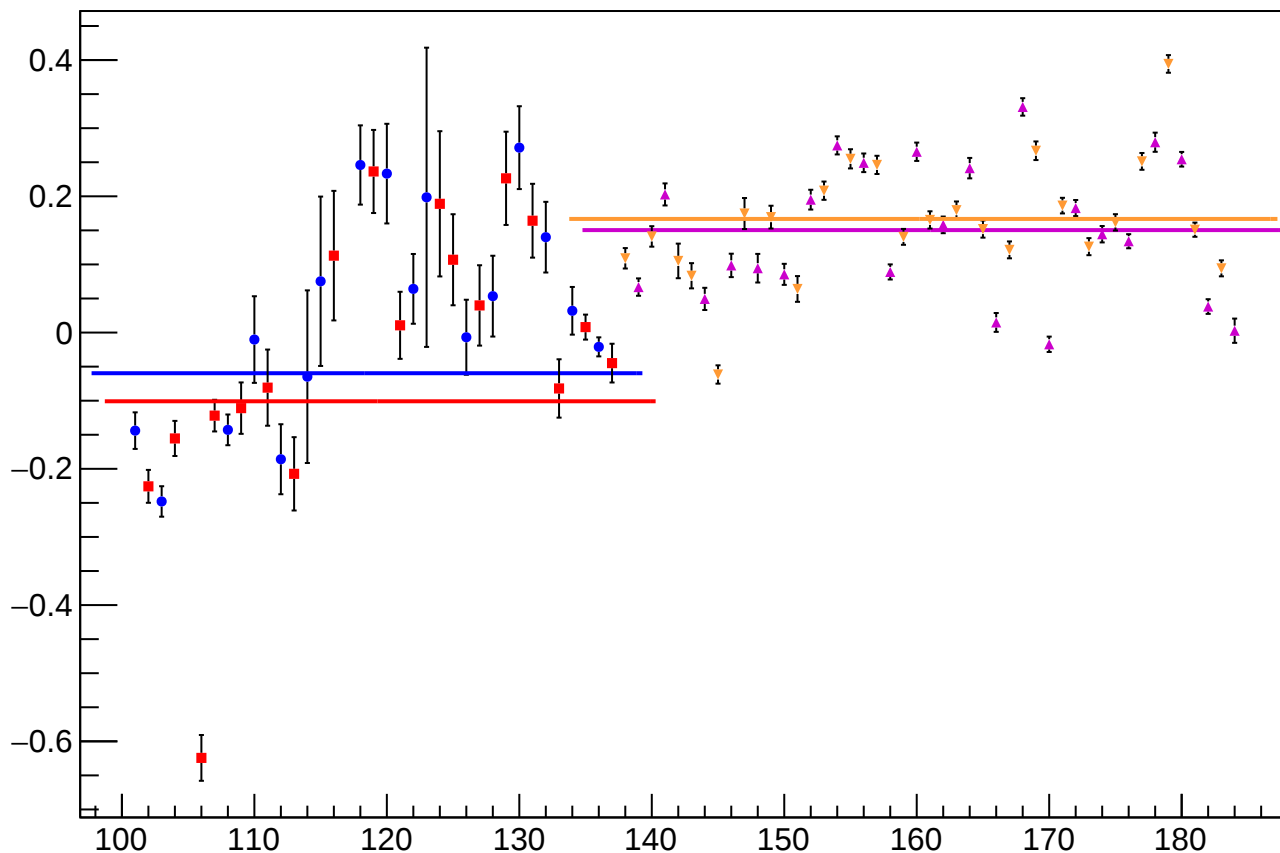
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -8.511 ± 0.058 χ^2/NDF : 4053.1/39

Out: -8.534 ± 0.057 χ^2/NDF : 3396.2/41

All: -8.523 ± 0.041 χ^2/NDF : 7449.5/81

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.167 ± 0.003 χ^2/NDF : 930.6/23

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

Left: 0.159 ± 0.002 χ^2/NDF : 2244.8/46

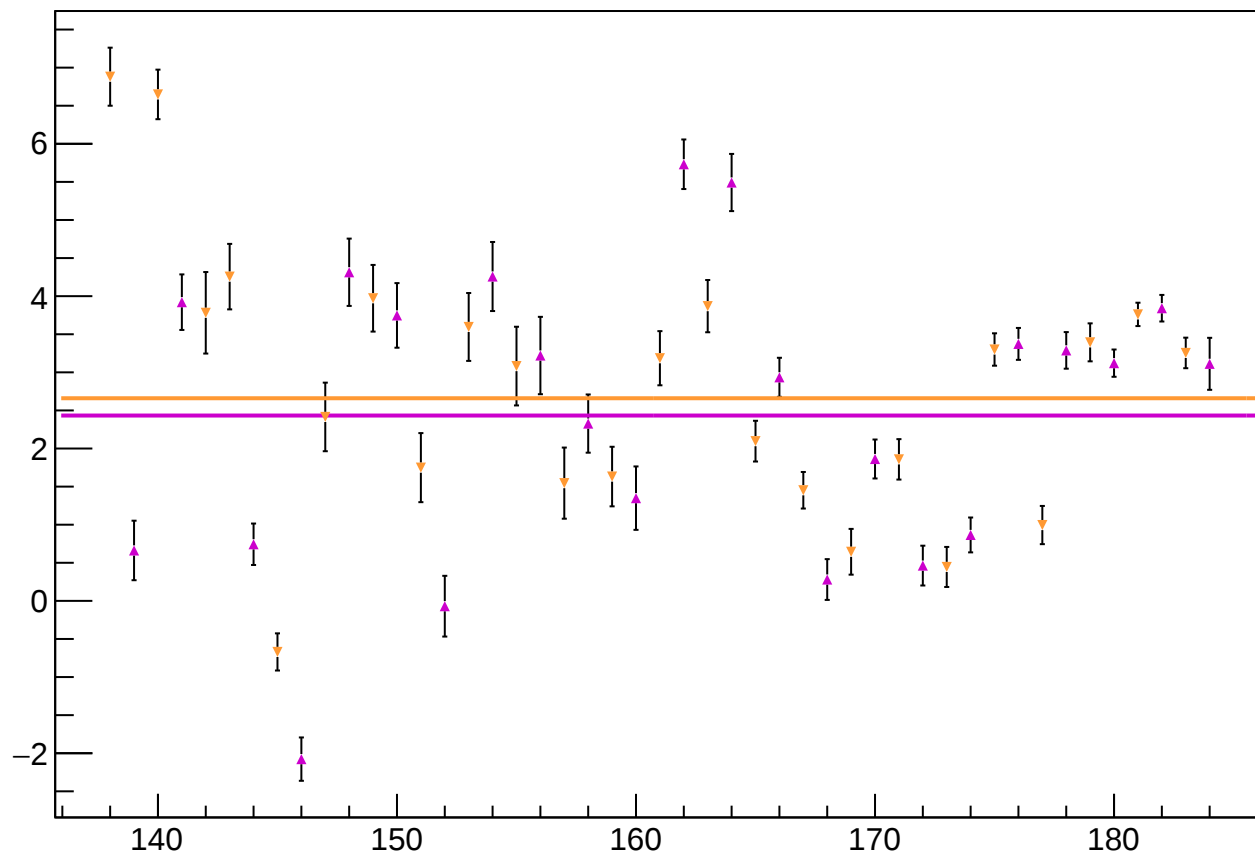
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.130 ± 0.003 χ^2/NDF : 2078.6/39

Out: 0.141 ± 0.003 χ^2/NDF : 2266.9/41

All: 0.135 ± 0.002 χ^2/NDF : 4354.2/81

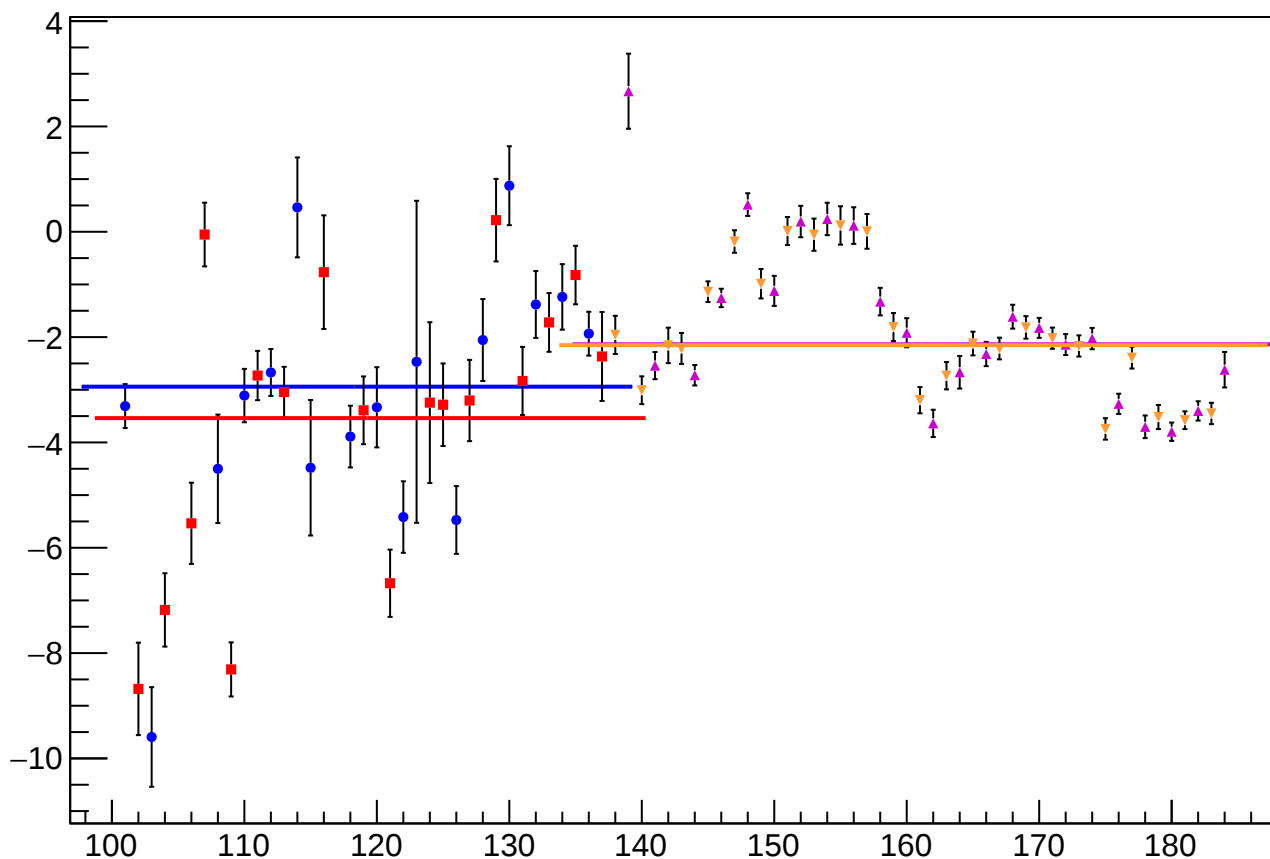
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 2.660 ± 0.059 $\chi^2/\text{NDF}: 800.4/23$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 2.433 ± 0.059 $\chi^2/\text{NDF}: 882.9/22$

Left: 2.547 ± 0.042 $\chi^2/\text{NDF}: 1690.7/46$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 2.433 ± 0.059 $\chi^2/\text{NDF}: 882.9/22$
 Out: 2.660 ± 0.059 $\chi^2/\text{NDF}: 800.4/23$
 All: 2.547 ± 0.042 $\chi^2/\text{NDF}: 1690.7/46$

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -2.154 ± 0.048 $\chi^2/\text{NDF}: 572.4/23$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -2.137 ± 0.048 $\chi^2/\text{NDF}: 693.6/22$

Left: -2.145 ± 0.034 $\chi^2/\text{NDF}: 1266.0/46$

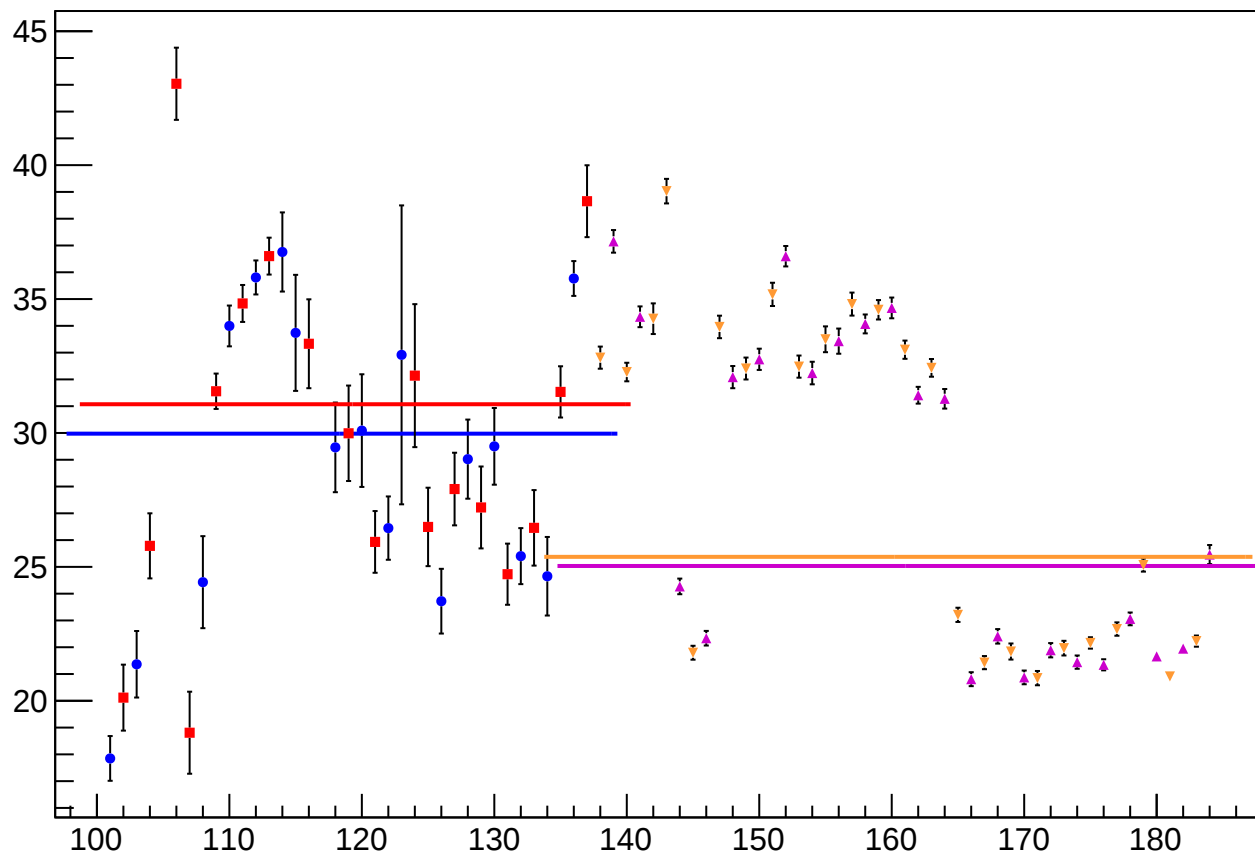
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -2.208 ± 0.046 $\chi^2/\text{NDF}: 863.9/39$

Out: -2.276 ± 0.046 $\chi^2/\text{NDF}: 929.0/41$

All: -2.242 ± 0.033 $\chi^2/\text{NDF}: 1794.0/81$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.375 $\pm$ 0.060 χ^2 /NDF: 8207.2/23

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

Left: 25.204 $\pm$ 0.042 χ^2 /NDF: 15913.6/46

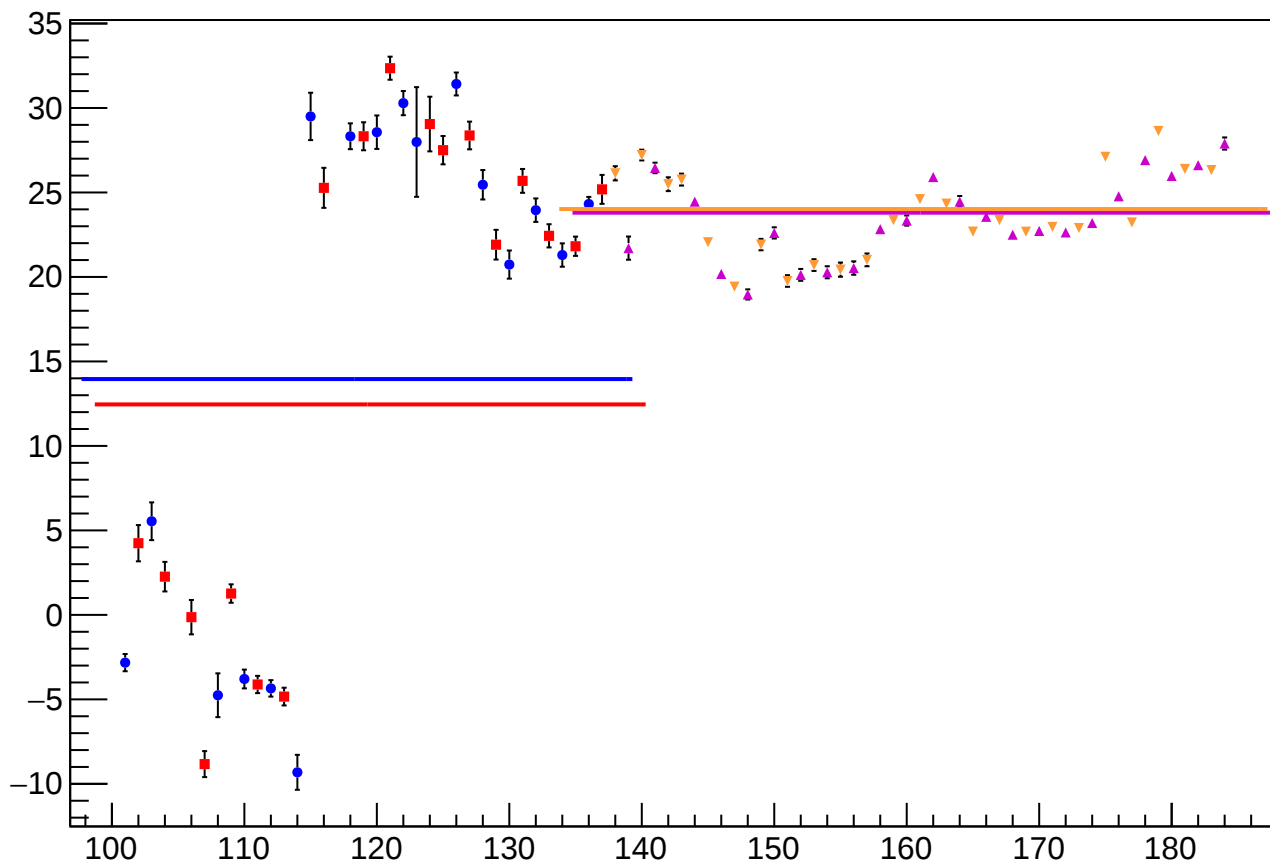
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 25.266 $\pm$ 0.058 χ^2 /NDF: 8569.6/39

Out: 25.659 $\pm$ 0.058 χ^2 /NDF: 9115.4/41

All: 25.462 $\pm$ 0.041 χ^2 /NDF: 17707.8/81

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 24.018 $\pm$ 0.054 χ^2 /NDF:1880.6/23

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

Left: 23.911 $\pm$ 0.038 χ^2 /NDF: 3648.9/46

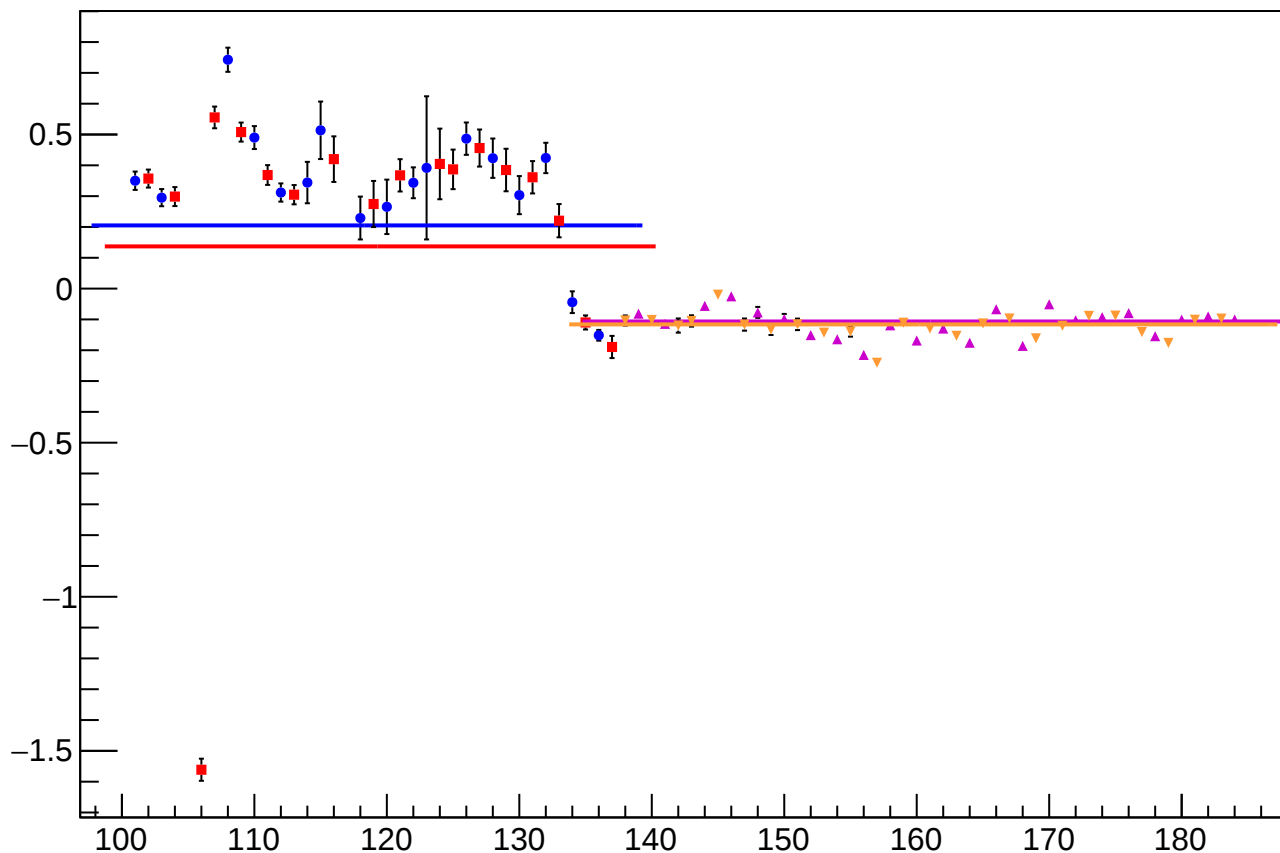
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 22.927 $\pm$ 0.051 χ^2 /NDF:12084.2/39

Out: 23.005 $\pm$ 0.051 χ^2 /NDF:12900.6/41

All: 22.966 $\pm$ 0.036 χ^2 /NDF: 24985.9/81

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: -0.116 ± 0.002 χ^2/NDF : 258.6/23

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.107 ± 0.002 χ^2/NDF : 322.0/22

Left: -0.111 ± 0.002 χ^2/NDF : 588.1/46

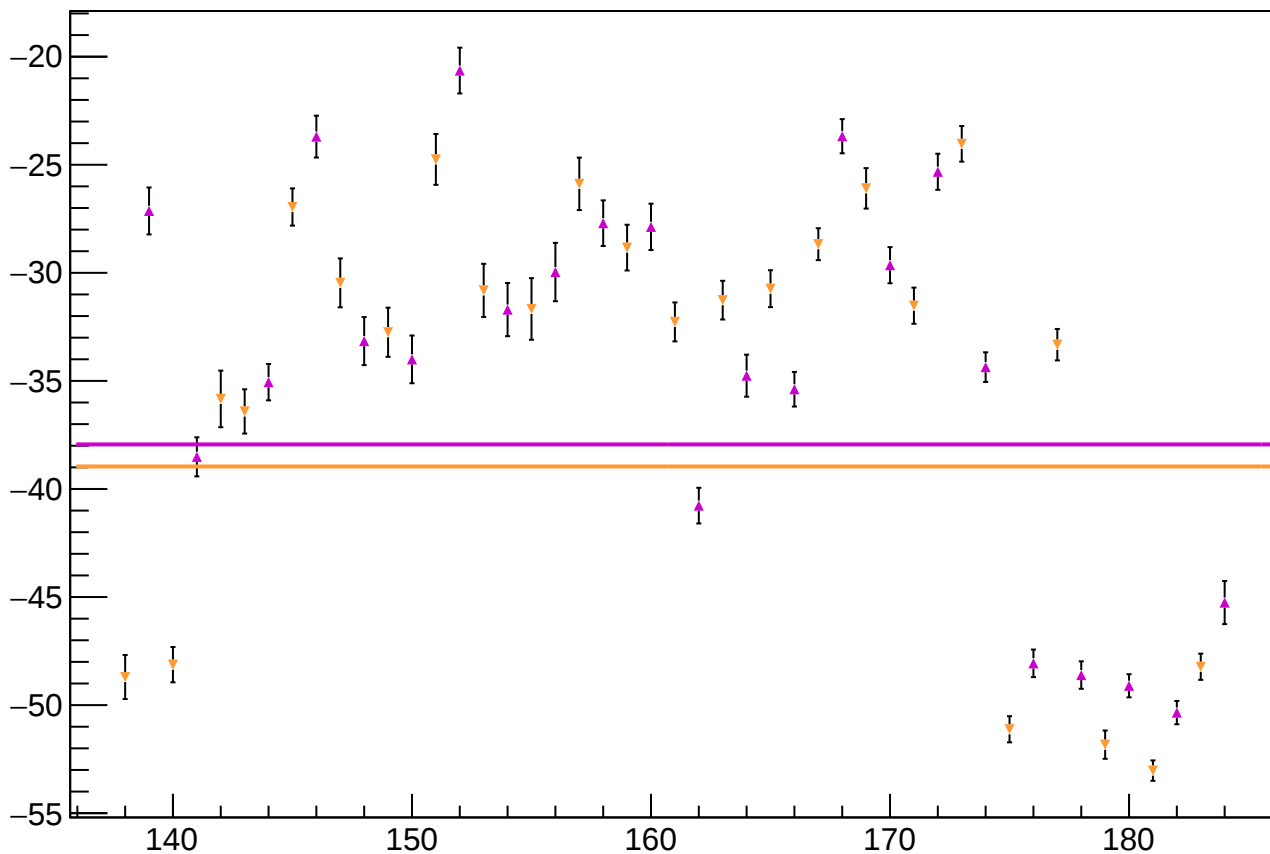
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.087 ± 0.002 χ^2/NDF : 2203.9/39

Out: -0.099 ± 0.002 χ^2/NDF : 3970.2/41

All: -0.093 ± 0.002 χ^2/NDF : 6188.1/81

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.959+/-0.171 χ^2/NDF :3921.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.939+/-0.173 χ^2/NDF :3133.2/22

Left: -38.454+/-0.121 χ^2/NDF : 7072.4/46

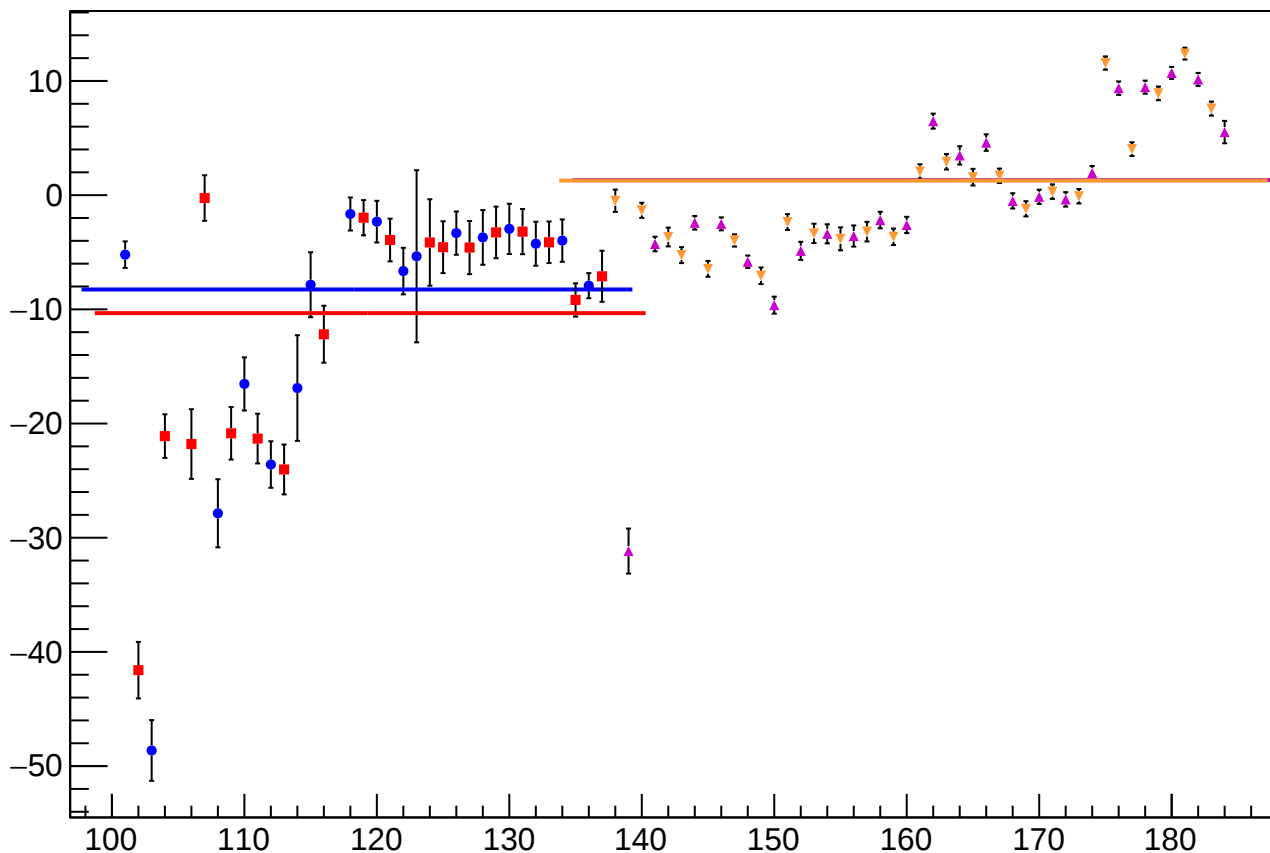
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.939+/-0.173 χ^2/NDF :3133.2/22

Out: -38.959+/-0.171 χ^2/NDF :3921.5/23

All: -38.454+/-0.121 χ^2/NDF : 7072.4/46

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 1.275 ± 0.137 χ^2/NDF : 1737.1/23

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: 1.319 ± 0.139 χ^2/NDF : 2080.7/22

Left: 1.296 ± 0.098 χ^2/NDF : 3817.8/46

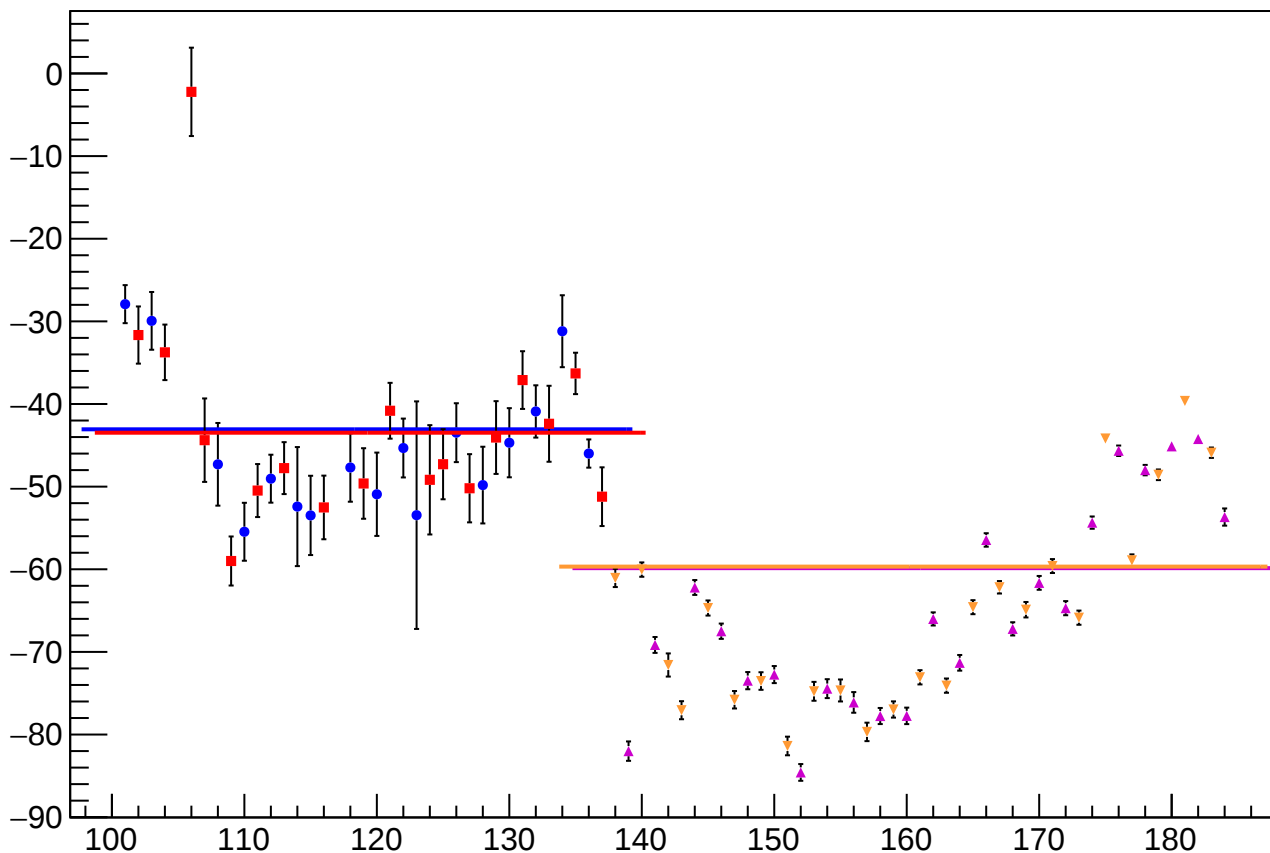
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: 0.521 ± 0.134 χ^2/NDF : 2885.6/39

Out: 0.435 ± 0.132 χ^2/NDF : 2666.2/41

All: 0.478 ± 0.094 χ^2/NDF : 5552.1/81

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -59.678 ± 0.172 χ^2/NDF : 5816.9/23

Right Out: -43.473 ± 0.869 χ^2/NDF : 142.3/17

Left In: -59.864 ± 0.173 χ^2/NDF : 5275.1/22

Left: -59.771 ± 0.122 χ^2/NDF : 11092.5/46

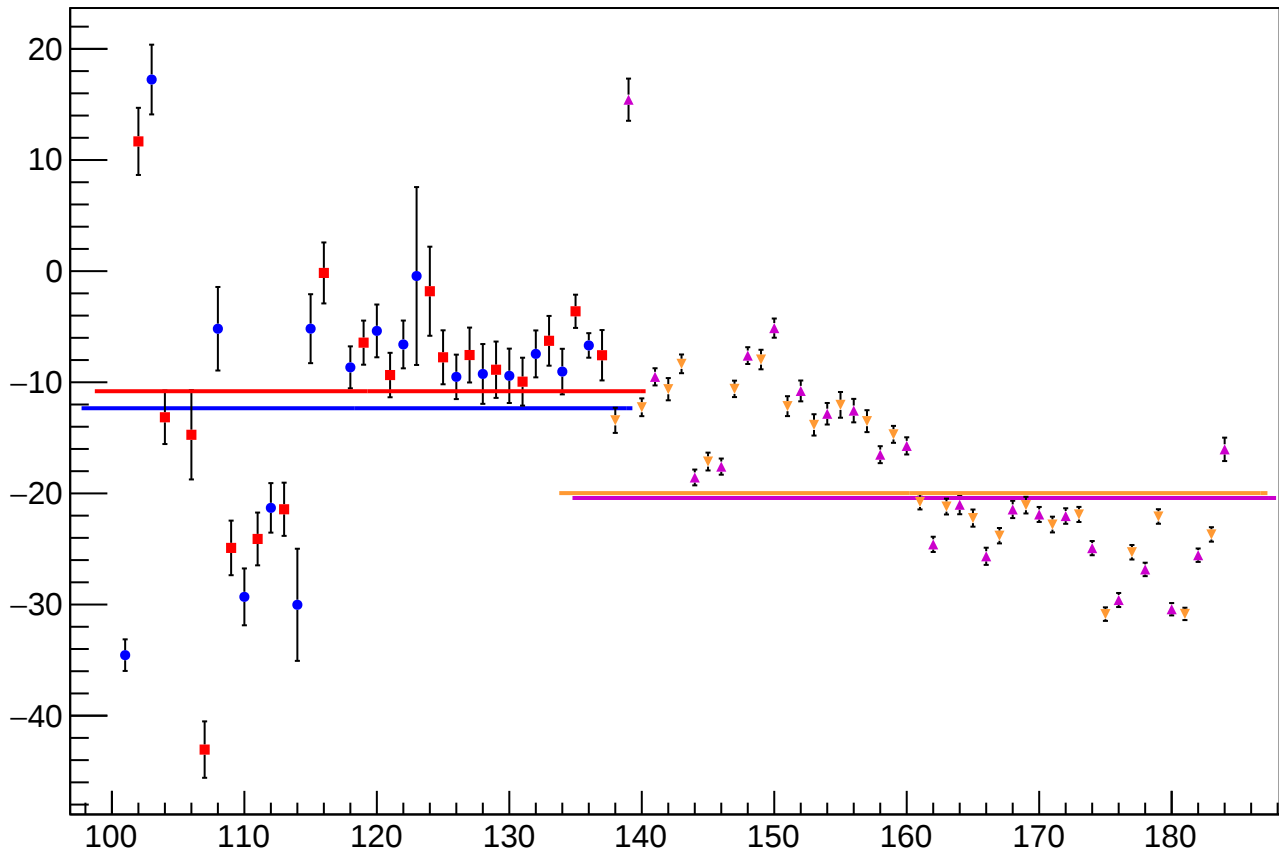
Right: -43.261 ± 0.602 χ^2/NDF : 241.5/34

In: -59.176 ± 0.169 χ^2/NDF : 5762.0/39

Out: -59.068 ± 0.169 χ^2/NDF : 6294.0/41

All: -59.122 ± 0.119 χ^2/NDF : 12056.3/81

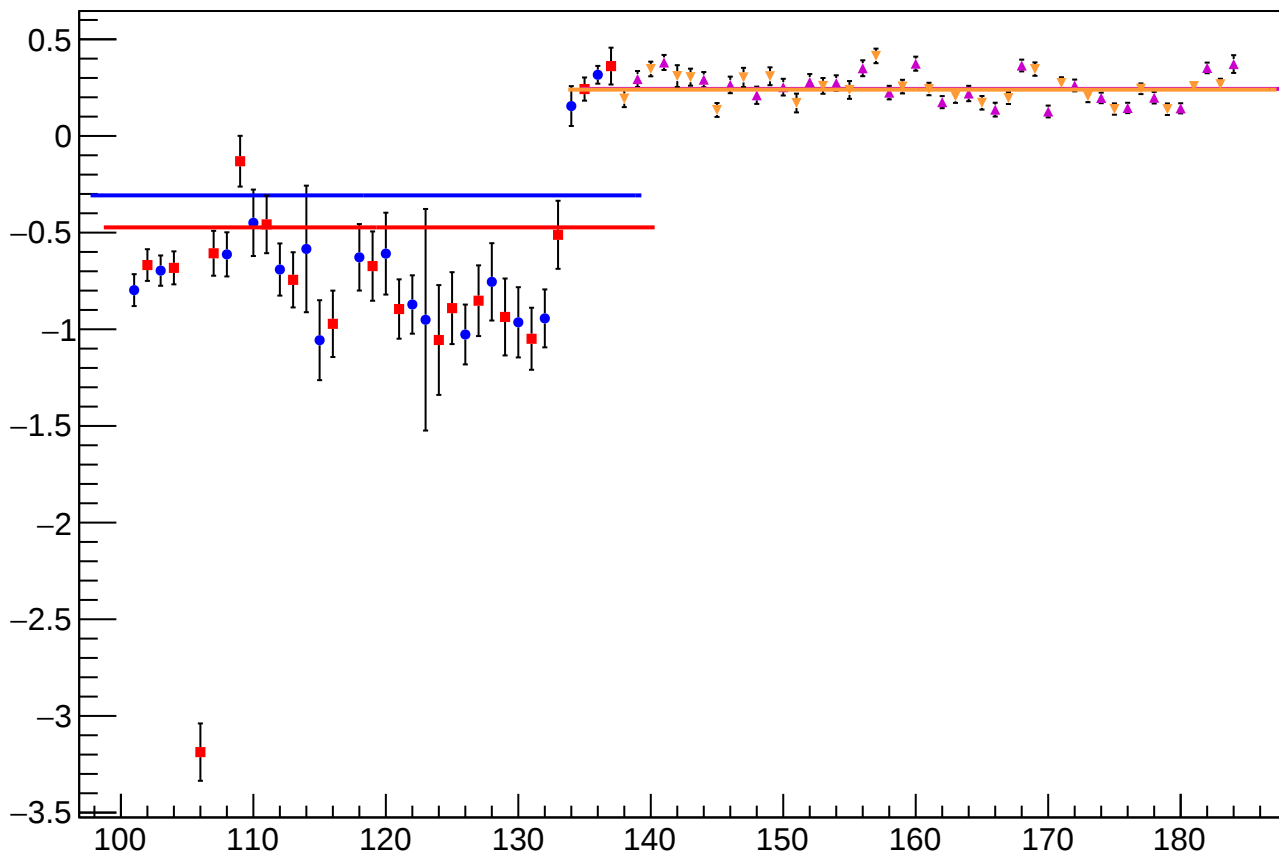
reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 $\pm$ 0.520 χ^2/NDF : 475.2/16
 Left Out: -19.973 $\pm$ 0.154 χ^2/NDF :1899.5/23
 Right Out: -10.804 $\pm$ 0.554 χ^2/NDF : 361.4/17
 Left In: -20.412 $\pm$ 0.156 χ^2/NDF :2345.4/22

Left: -20.190 $\pm$ 0.110 χ^2/NDF : 4248.9/46
 Right: -11.618 $\pm$ 0.379 χ^2/NDF : 840.6/34
 In: -19.745 $\pm$ 0.150 χ^2/NDF :3041.5/39
 Out: -19.313 $\pm$ 0.149 χ^2/NDF :2515.3/41
 All: -19.527 $\pm$ 0.105 χ^2/NDF : 5561.0/81

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.240 ± 0.007 χ^2/NDF : 92.6/23

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

Left: 0.241 ± 0.005 χ^2/NDF : 231.9/46

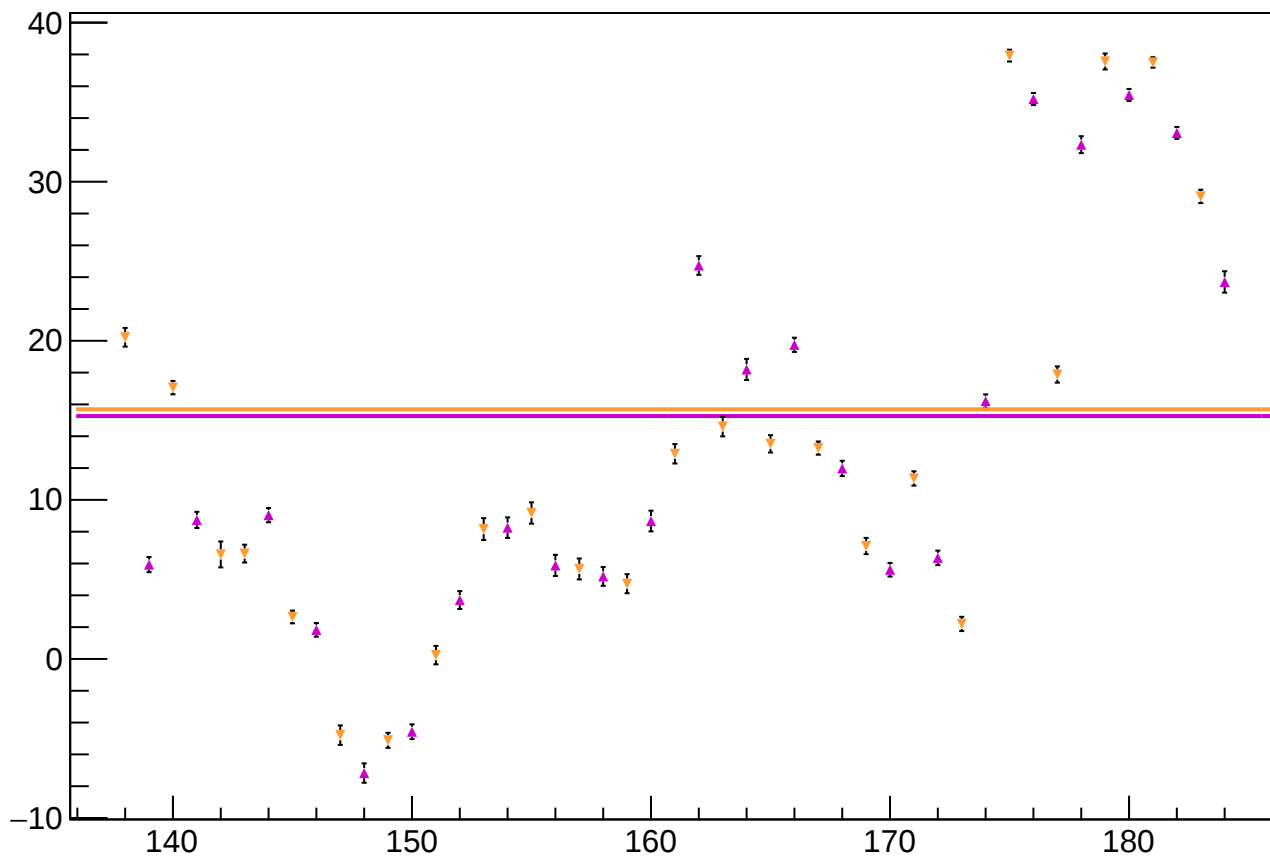
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.209 ± 0.007 χ^2/NDF : 886.4/39

Out: 0.198 ± 0.007 χ^2/NDF : 1302.8/41

All: 0.203 ± 0.005 χ^2/NDF : 2190.5/81

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Left: 15.482 $\pm$ 0.072 χ^2 /NDF: 34725.0/46

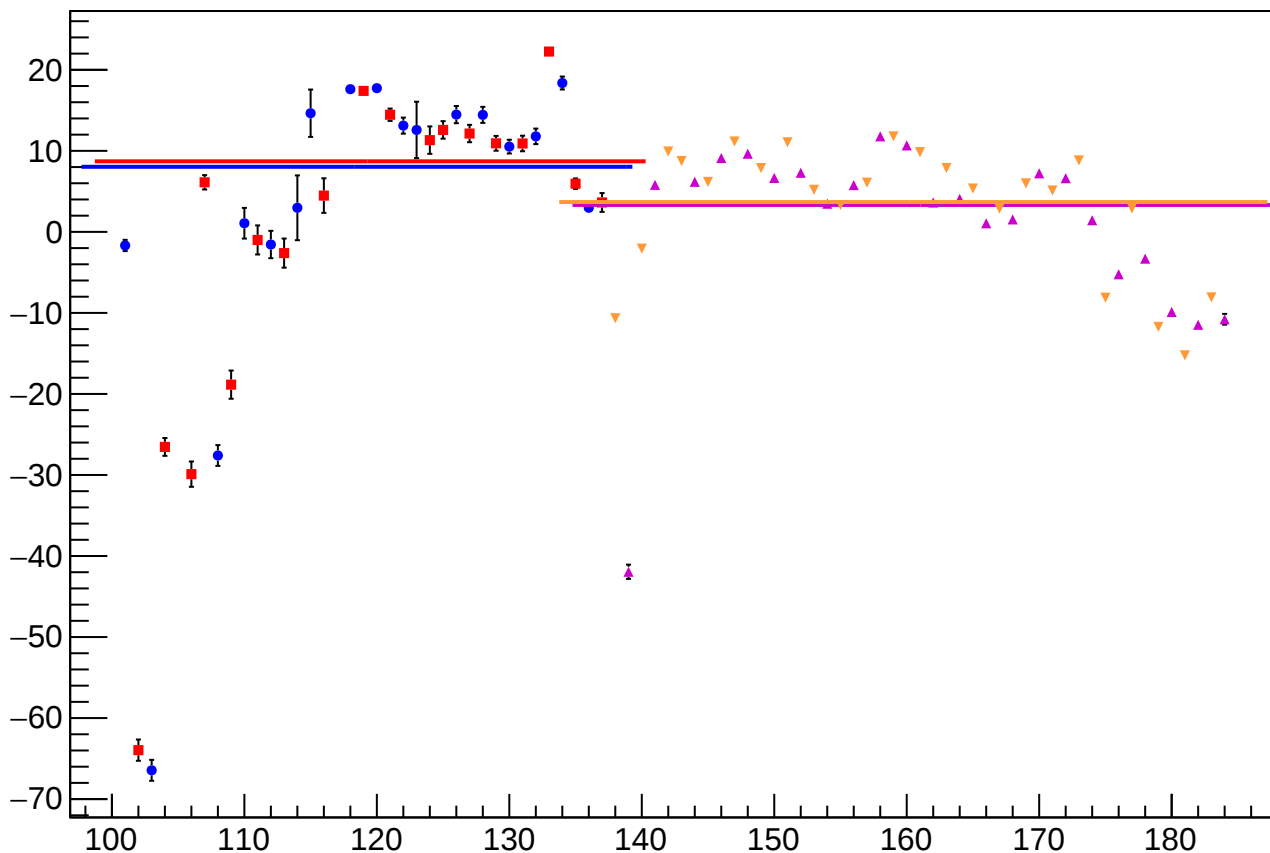
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Out: 15.694 $\pm$ 0.102 χ^2 /NDF:18310.0/23

All: 15.482 $\pm$ 0.072 χ^2 /NDF: 34725.0/46

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 3.682 ± 0.079 $\chi^2/\text{NDF}: 9210.4/23$

Right Out: 8.708 ± 0.213 $\chi^2/\text{NDF}: 6290.2/17$

Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

Left: 3.508 ± 0.057 $\chi^2/\text{NDF}: 18050.8/46$

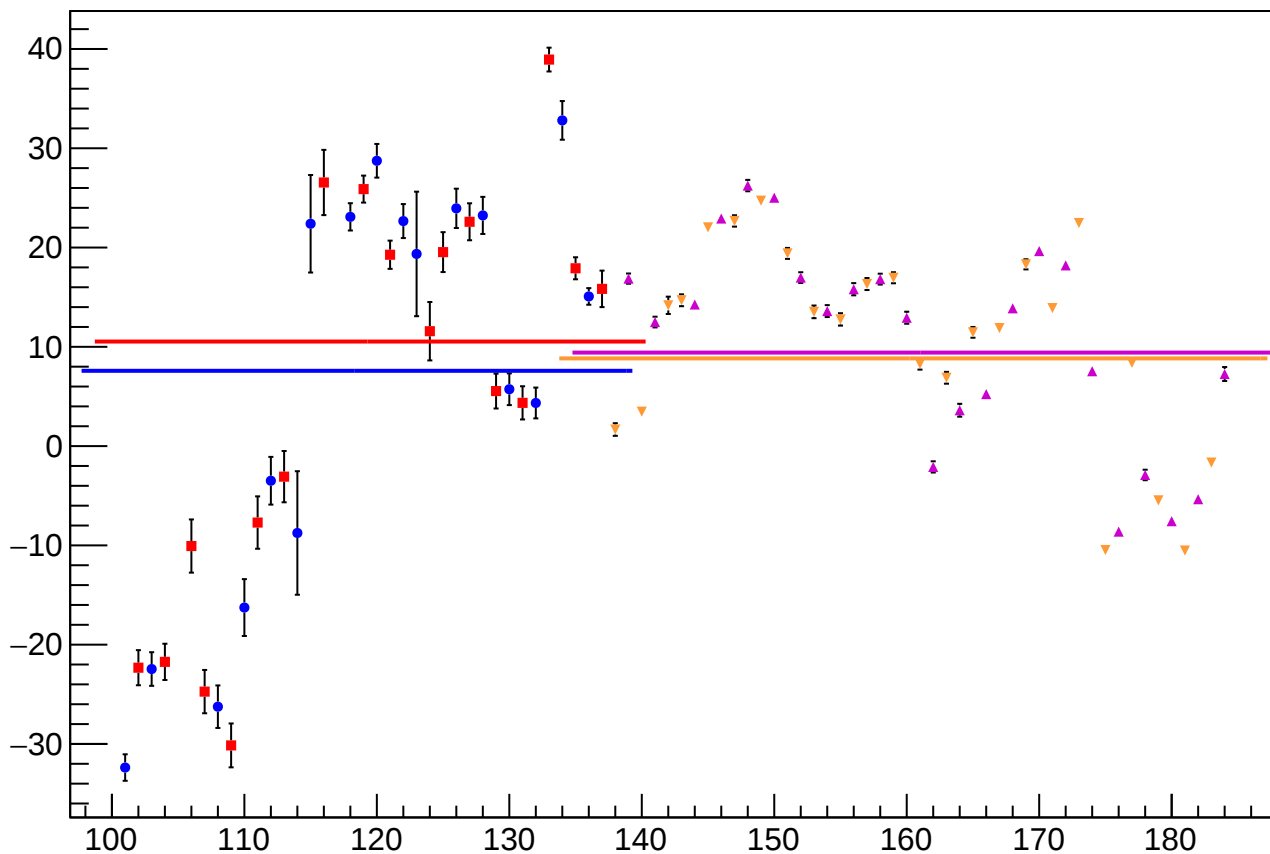
Right: 8.375 ± 0.151 $\chi^2/\text{NDF}: 11665.4/34$

In: 3.910 ± 0.076 $\chi^2/\text{NDF}: 14619.6/39$

Out: 4.294 ± 0.074 $\chi^2/\text{NDF}: 15988.8/41$

All: 4.106 ± 0.053 $\chi^2/\text{NDF}: 30621.5/81$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 8.834 $\pm$ 0.102 χ^2 /NDF:12790.4/23

Right Out: 10.532 $\pm$ 0.418 χ^2 /NDF: 2279.5/17

Left In: 9.420 $\pm$ 0.102 χ^2 /NDF:12078.1/22

Left: 9.127 $\pm$ 0.072 χ^2 /NDF: 24885.1/46

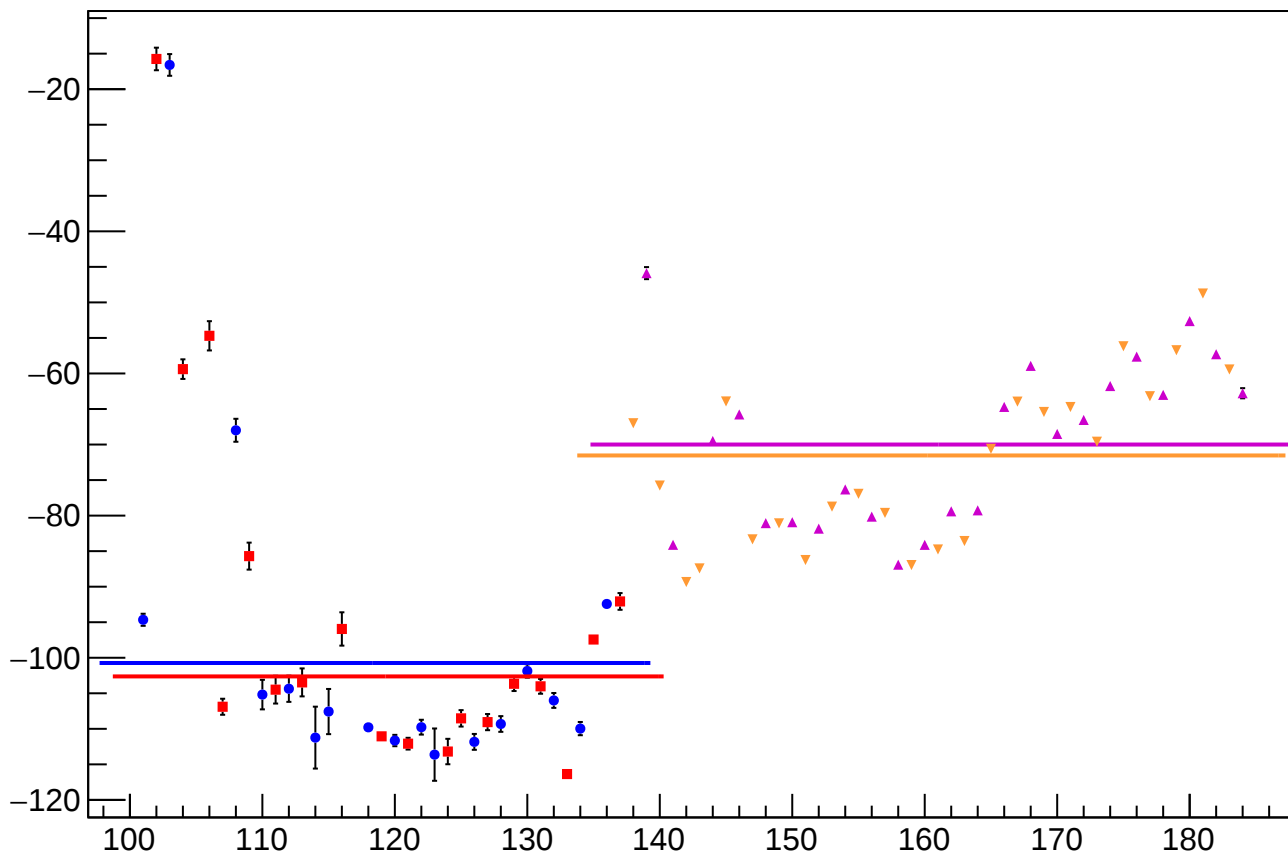
Right: 9.054 $\pm$ 0.295 χ^2 /NDF: 4627.2/34

In: 9.316 $\pm$ 0.099 χ^2 /NDF:14419.2/39

Out: 8.929 $\pm$ 0.099 χ^2 /NDF:15085.5/41

All: 9.123 $\pm$ 0.070 χ^2 /NDF: 29512.3/81

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -71.535 ± 0.090 χ^2/NDF : 16377.3/23

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -69.999 ± 0.091 χ^2/NDF : 13188.0/22

Left: -70.778 ± 0.064 χ^2/NDF : 29708.6/46

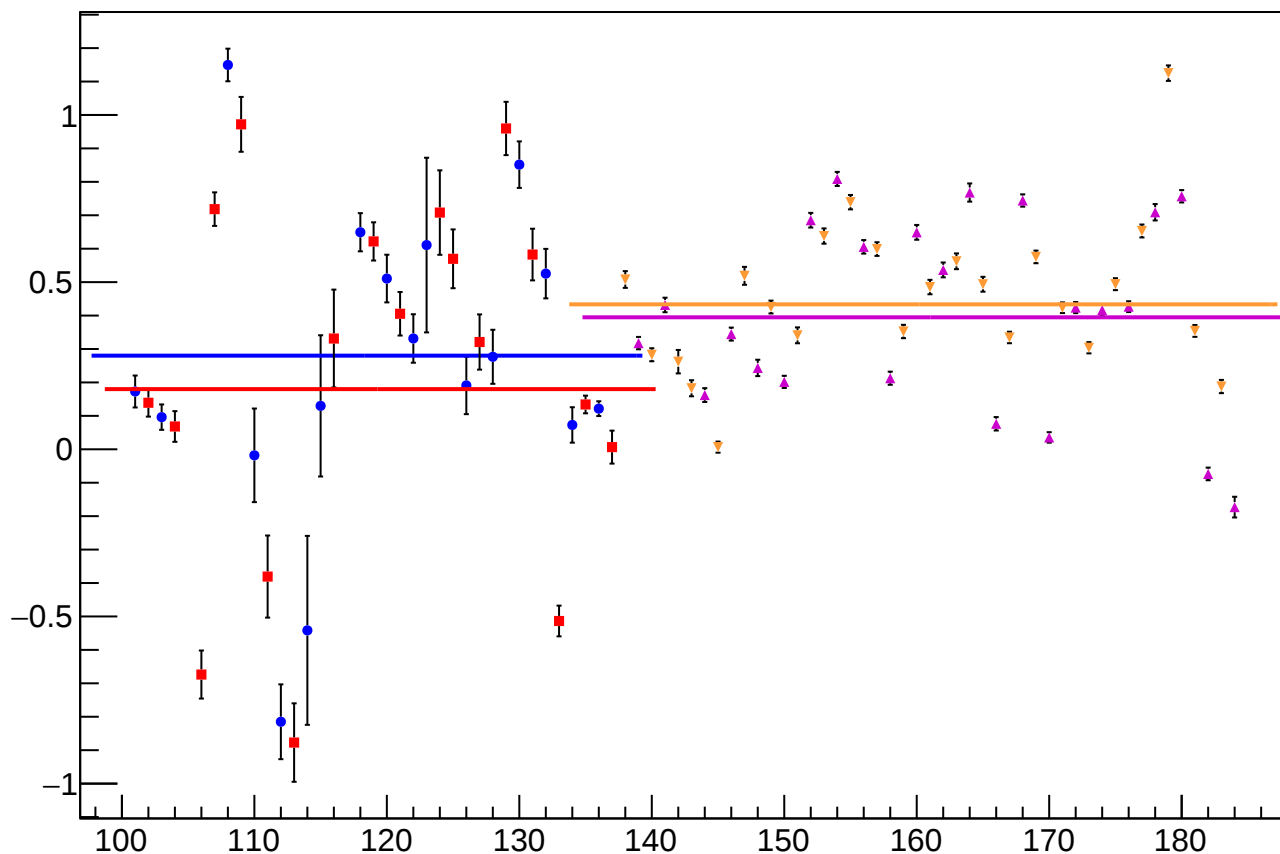
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -73.667 ± 0.086 χ^2/NDF : 31203.1/39

Out: -75.206 ± 0.085 χ^2/NDF : 36167.4/41

All: -74.448 ± 0.060 χ^2/NDF : 67533.7/81

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 $\pm$ 0.013 χ^2 /NDF: 656.4/16

Left Out: 0.434 $\pm$ 0.004 χ^2 /NDF:2645.5/23

Right Out: 0.180 $\pm$ 0.013 χ^2 /NDF: 937.1/17

Left In: 0.395 $\pm$ 0.004 χ^2 /NDF:4063.1/22

Left: 0.414 $\pm$ 0.003 χ^2 /NDF: 6752.4/46

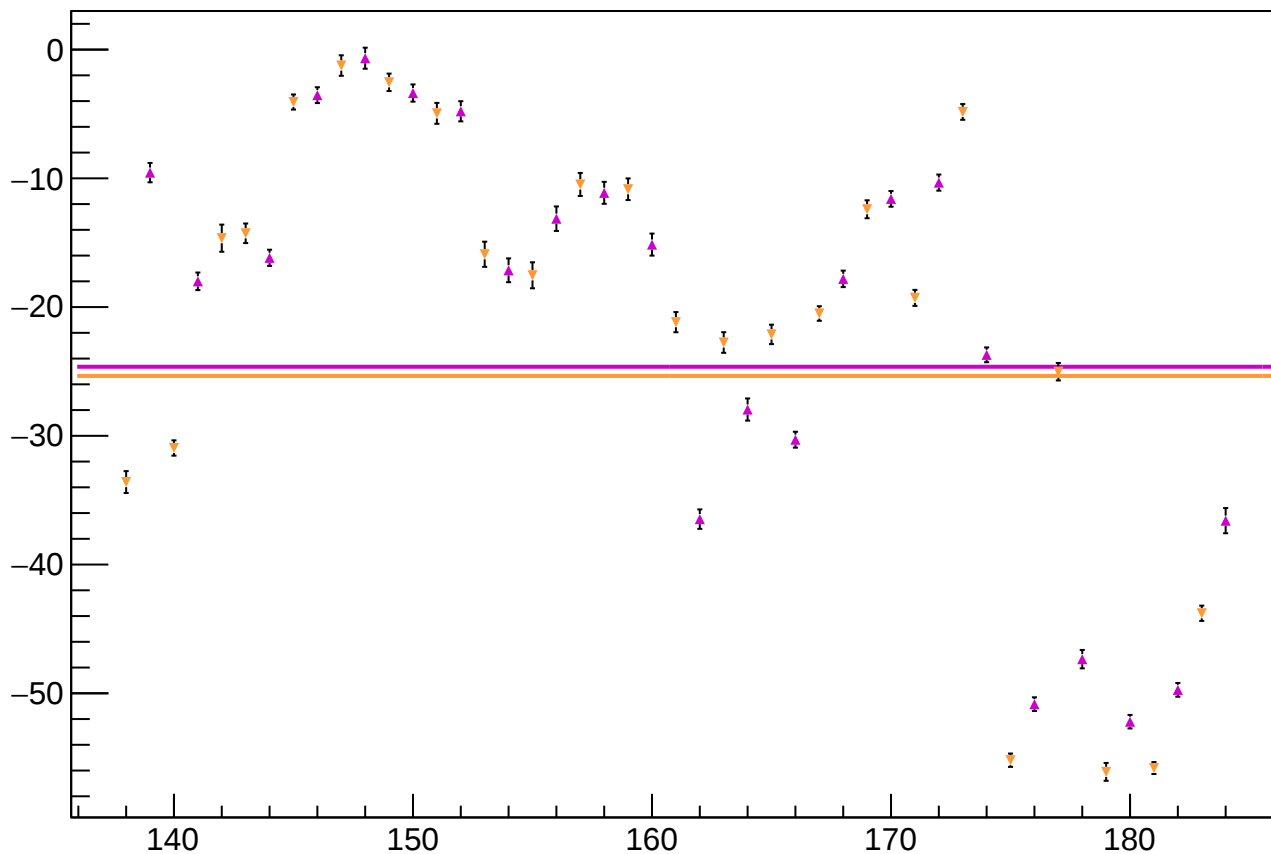
Right: 0.230 $\pm$ 0.010 χ^2 /NDF: 1621.0/34

In: 0.385 $\pm$ 0.004 χ^2 /NDF:4785.7/39

Out: 0.412 $\pm$ 0.004 χ^2 /NDF:3905.7/41

All: 0.398 $\pm$ 0.003 χ^2 /NDF: 8714.3/81

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Left: -24.996+/-0.100 χ^2/NDF : 32413.9/46

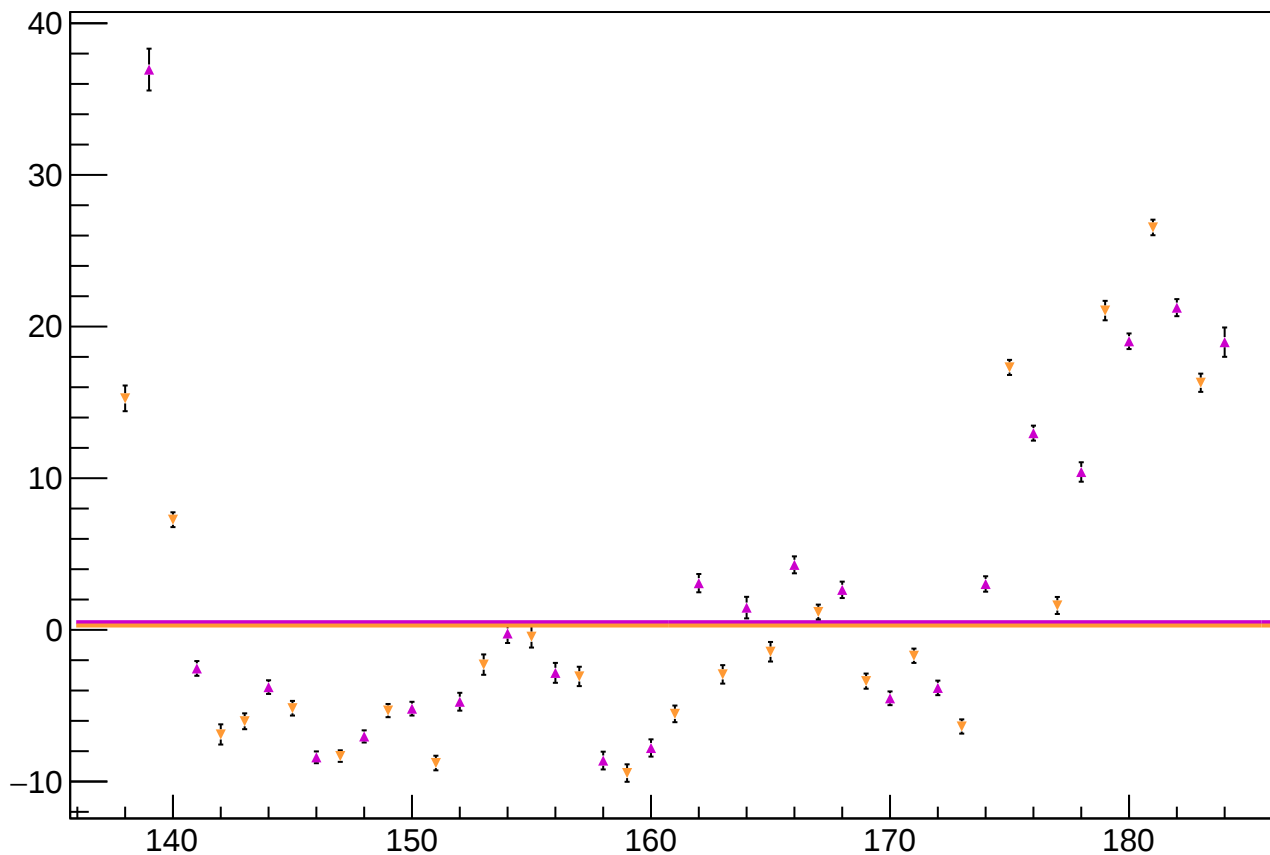
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Out: -25.350+/-0.141 χ^2/NDF :17453.2/23

All: -24.996+/-0.100 χ^2/NDF : 32413.9/46

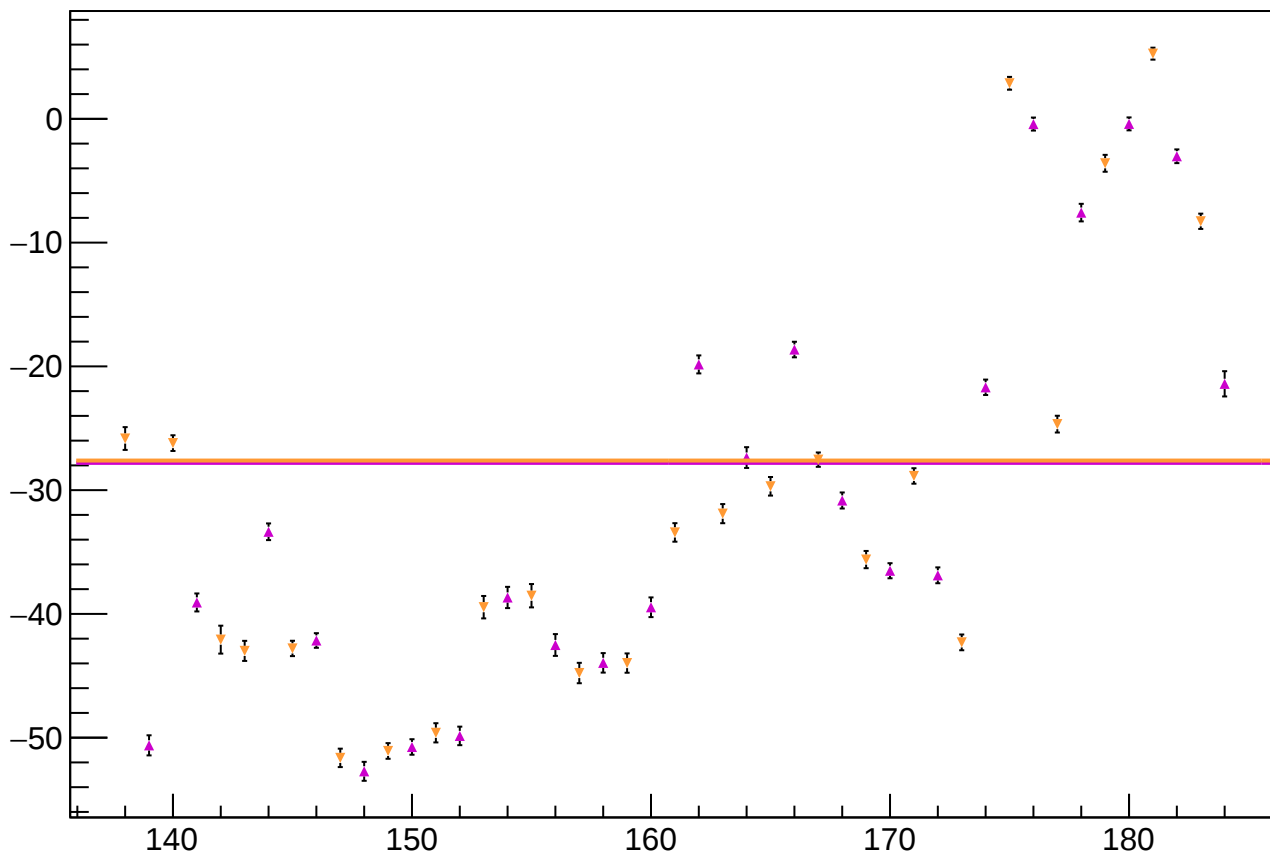
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.507+/-0.112 χ^2/NDF :6626.9/22

Left: 0.394+/-0.078 χ^2/NDF : 14862.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.507+/-0.112 χ^2/NDF :6626.9/22
 Out: 0.286+/-0.109 χ^2/NDF :8233.3/23
 All: 0.394+/-0.078 χ^2/NDF : 14862.2/46

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: -27.609+/-0.141 χ^2/NDF :16616.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Left: -27.702+/-0.100 χ^2/NDF : 31810.5/46

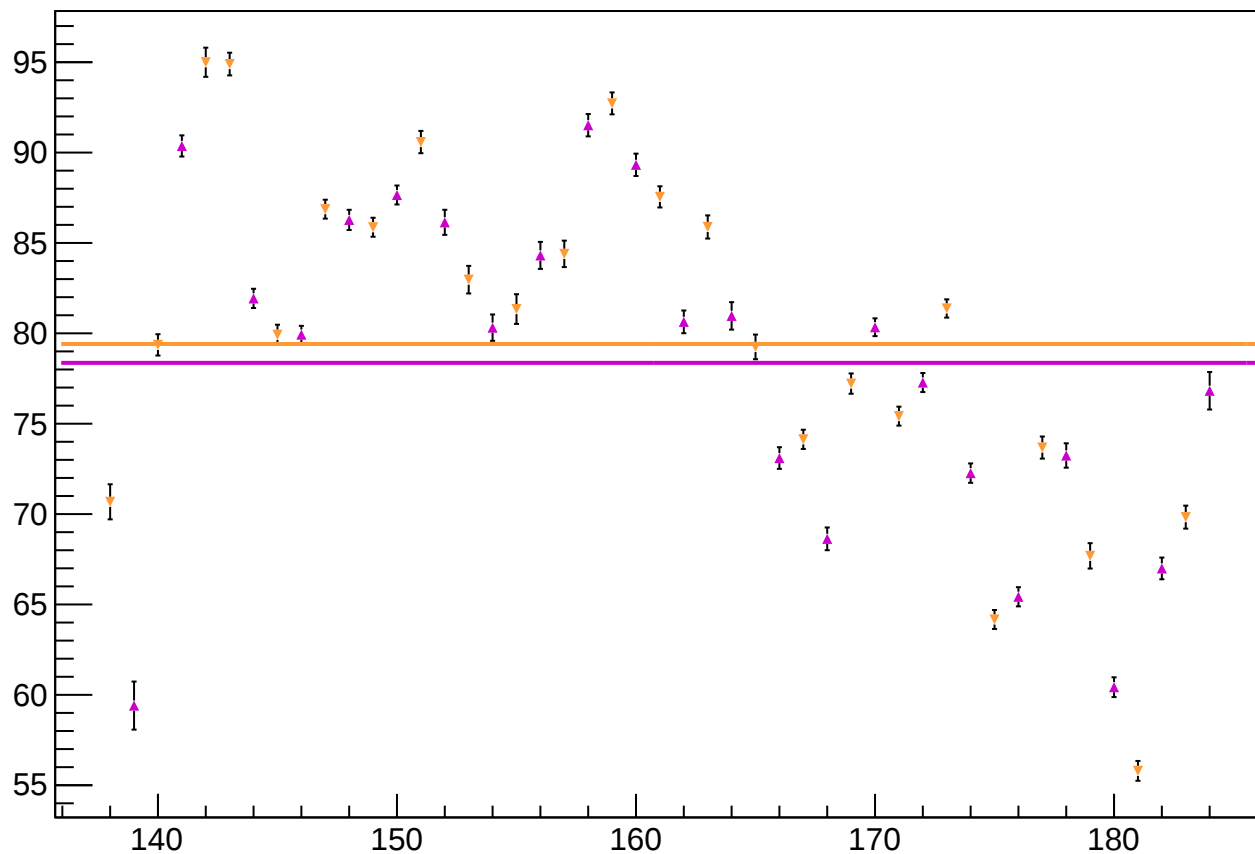
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Out: -27.609+/-0.141 χ^2/NDF :16616.3/23

All: -27.702+/-0.100 χ^2/NDF : 31810.5/46

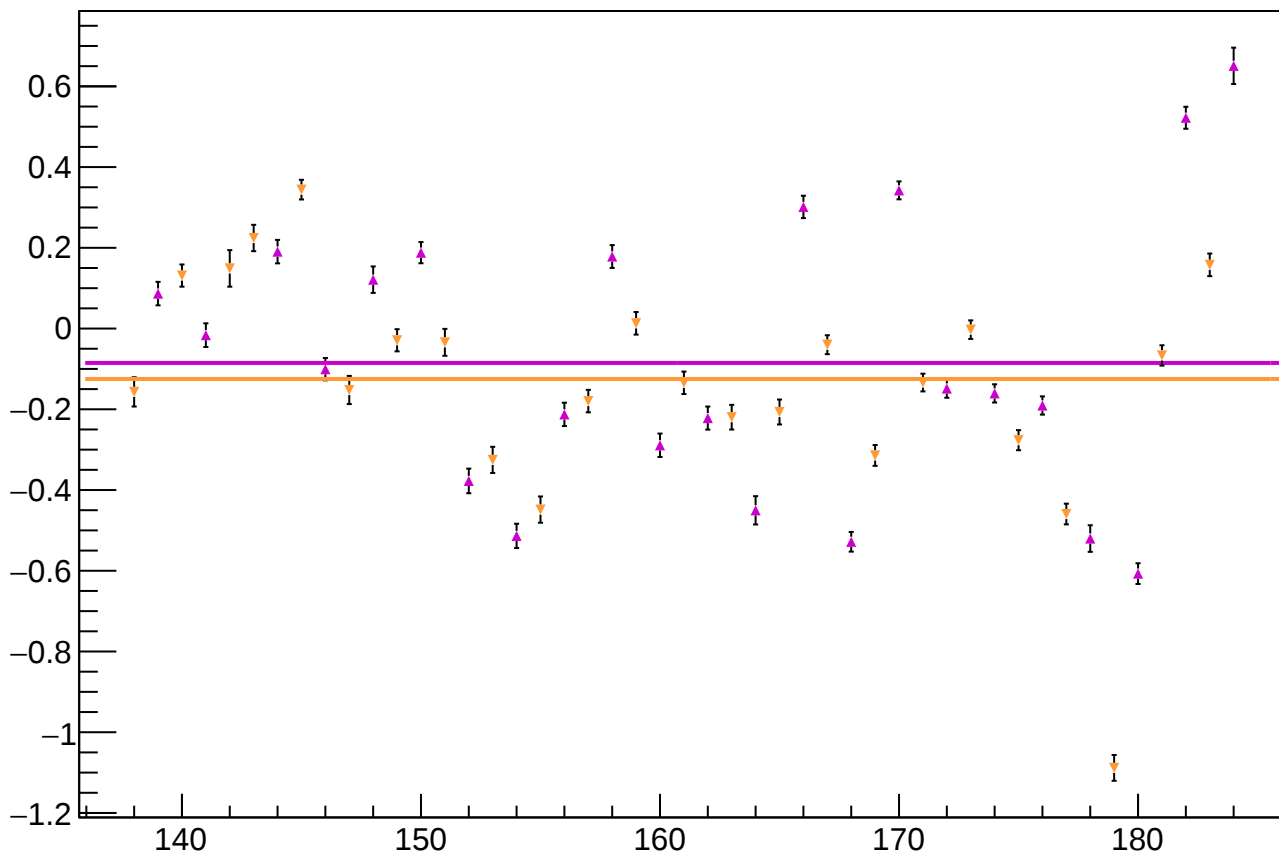
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 79.411 $\pm$ 0.124 χ^2/NDF :6074.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 78.367 $\pm$ 0.126 χ^2/NDF :4735.5/22

Left: 78.898 $\pm$ 0.089 χ^2/NDF : 10844.6/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 78.367 $\pm$ 0.126 χ^2/NDF :4735.5/22
 Out: 79.411 $\pm$ 0.124 χ^2/NDF :6074.4/23
 All: 78.898 $\pm$ 0.089 χ^2/NDF : 10844.6/46

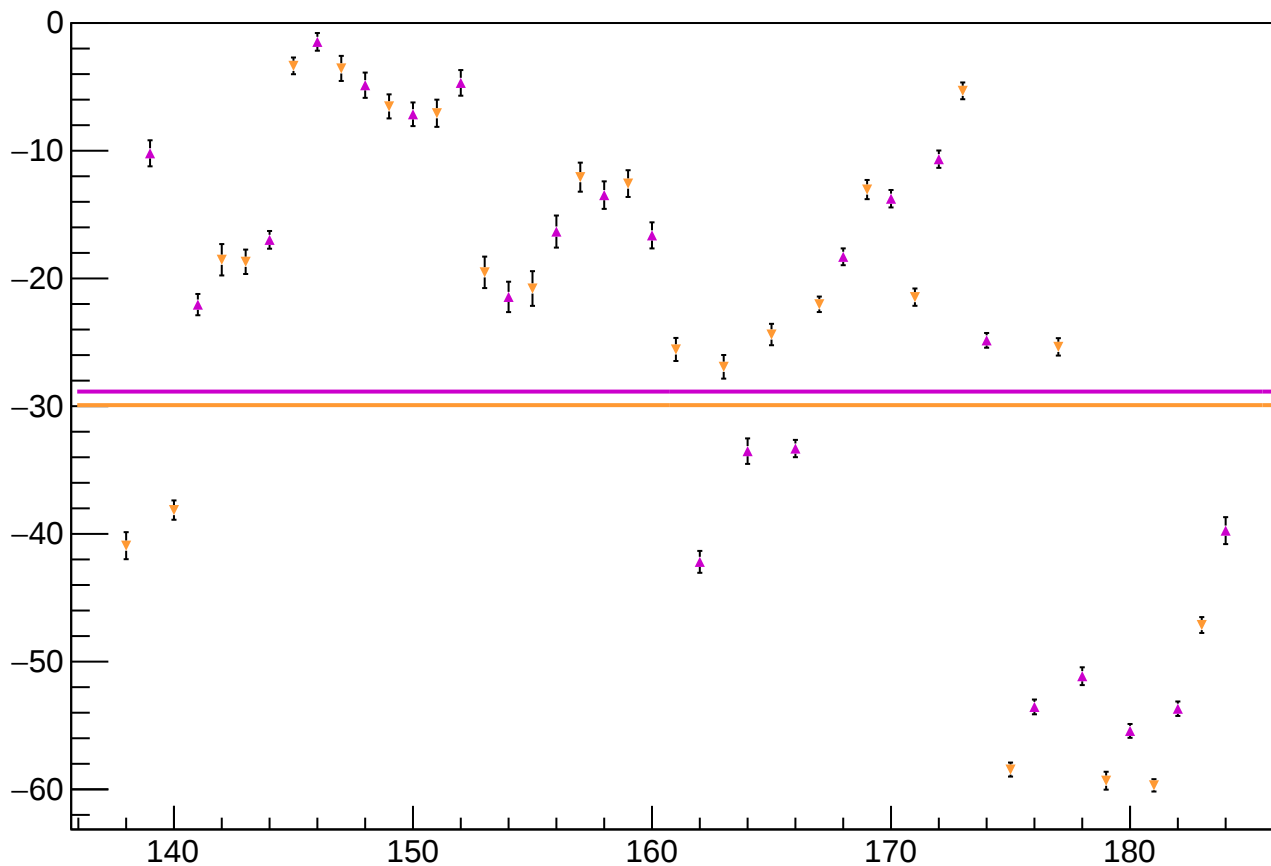
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.125+/-0.006 χ^2/NDF :2130.1/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.085+/-0.006 χ^2/NDF :3148.4/22

Left: -0.105+/-0.004 χ^2/NDF : 5302.4/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.085+/-0.006 χ^2/NDF :3148.4/22
 Out: -0.125+/-0.006 χ^2/NDF :2130.1/23
 All: -0.105+/-0.004 χ^2/NDF : 5302.4/46

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Left: -29.390+/-0.112 χ^2/NDF : 29479.5/46

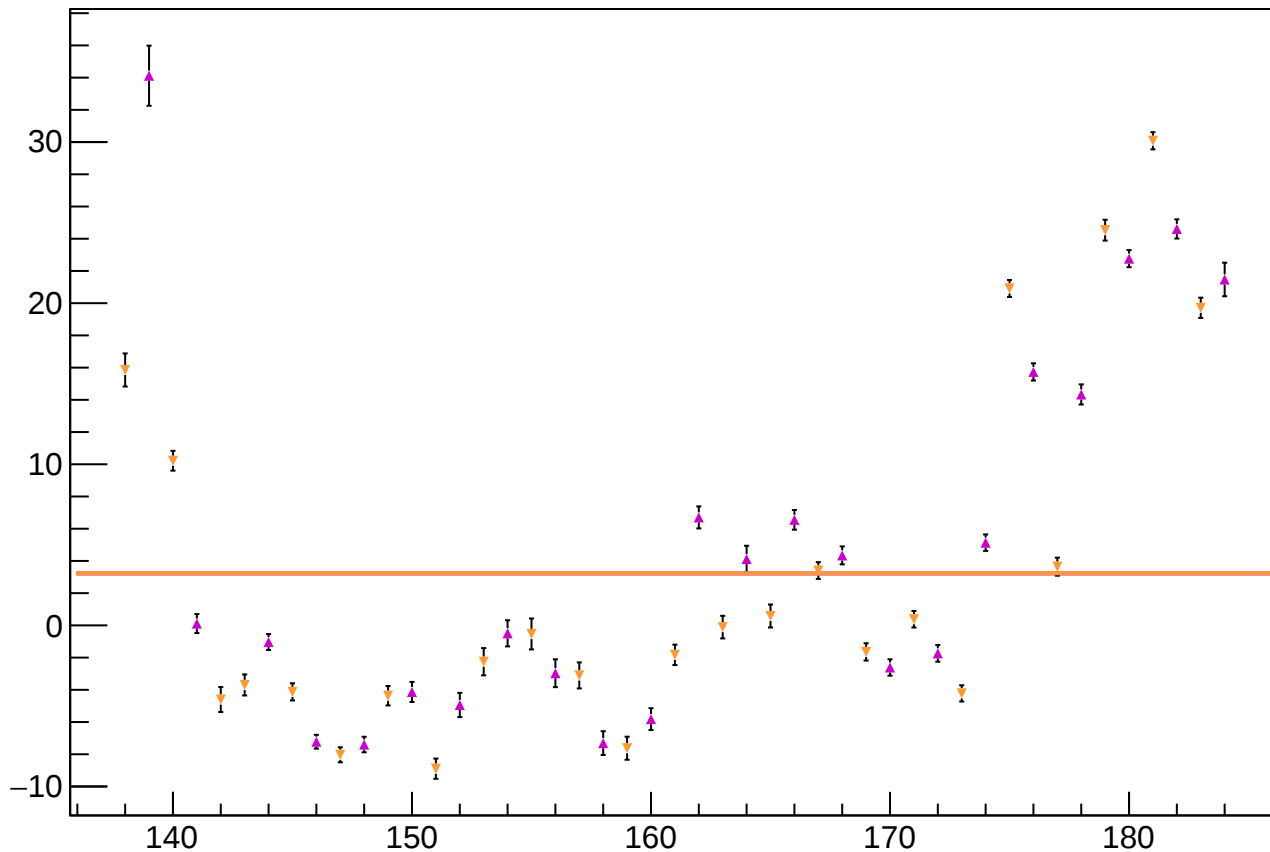
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Out: -29.918+/-0.158 χ^2/NDF :15903.6/23

All: -29.390+/-0.112 χ^2/NDF : 29479.5/46

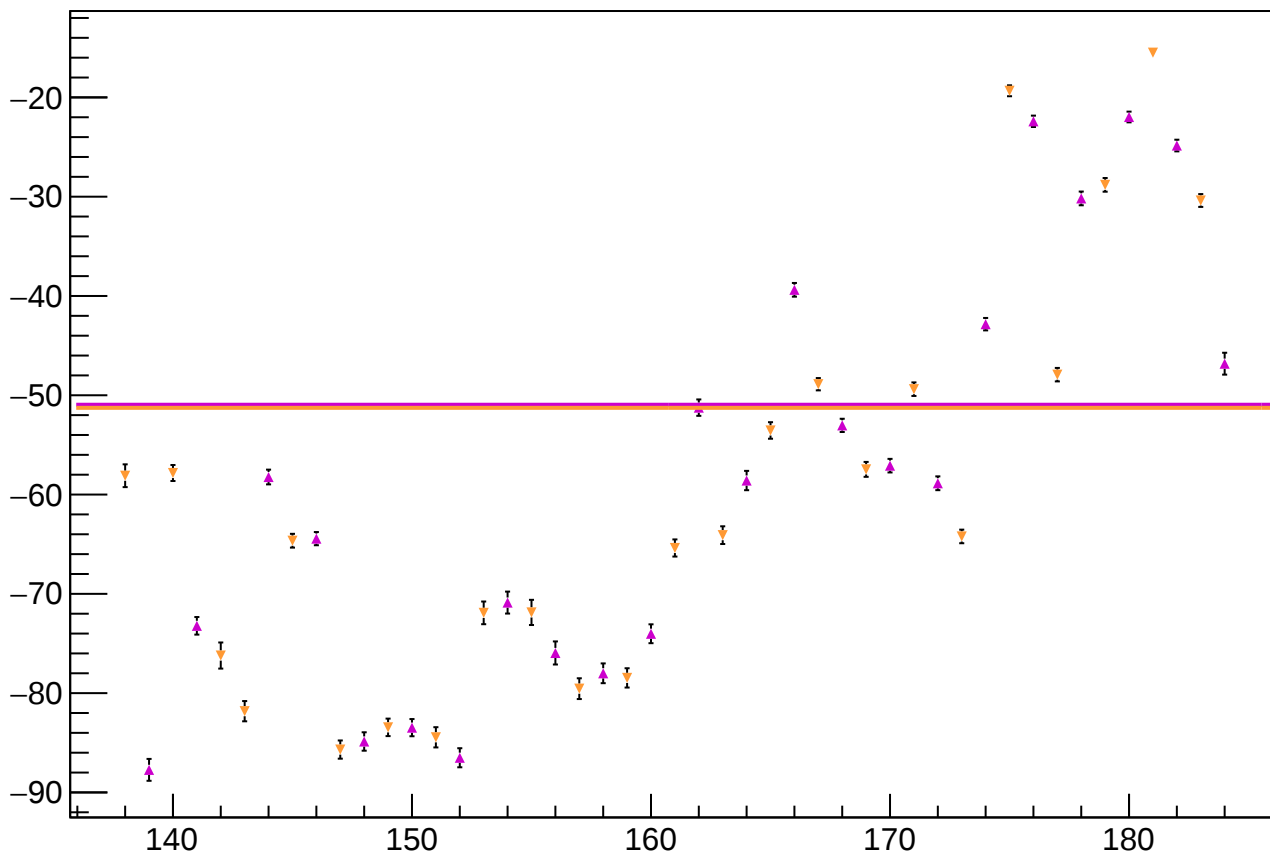
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.234 $\pm$ 0.125 χ^2 /NDF:8010.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22

Left: 3.229 $\pm$ 0.089 χ^2 /NDF: 14284.9/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.224 $\pm$ 0.127 χ^2 /NDF:6274.0/22
 Out: 3.234 $\pm$ 0.125 χ^2 /NDF:8010.9/23
 All: 3.229 $\pm$ 0.089 χ^2 /NDF: 14284.9/46

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.265+/-0.159 χ^2/NDF :19130.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Left: -51.110+/-0.113 χ^2/NDF : 36604.8/46

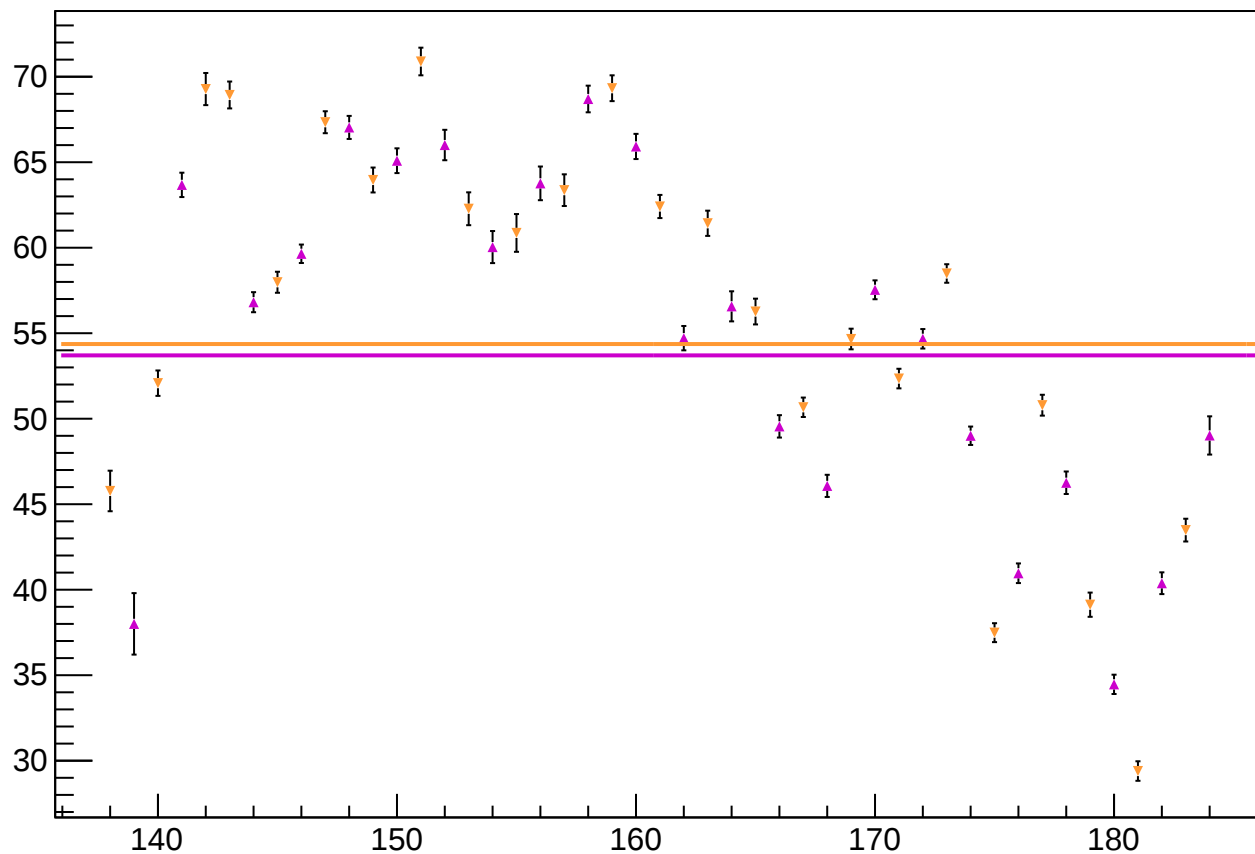
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Out: -51.265+/-0.159 χ^2/NDF :19130.7/23

All: -51.110+/-0.113 χ^2/NDF : 36604.8/46

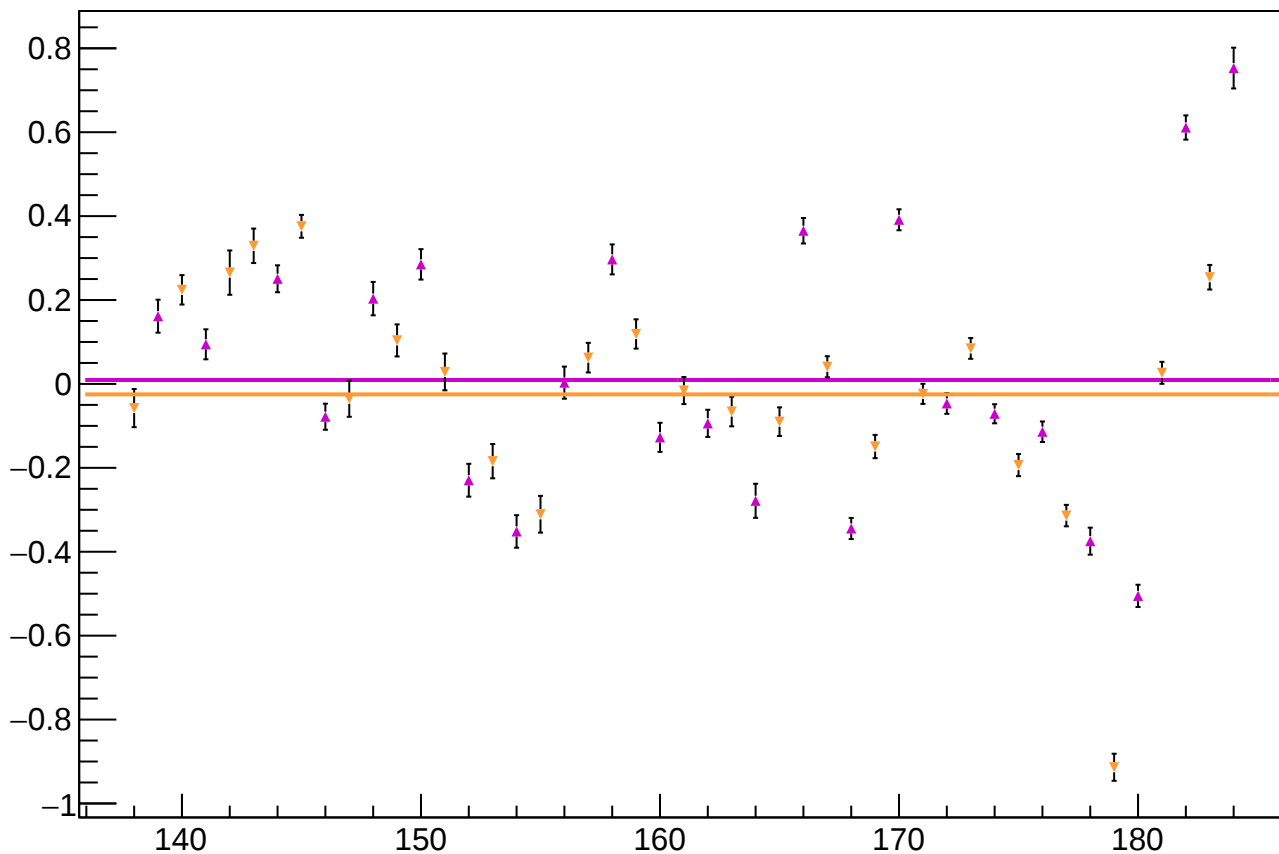
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.367 $\pm$ 0.142 χ^2 /NDF:6240.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 53.704 $\pm$ 0.143 χ^2 /NDF:4603.5/22

Left: 54.038 $\pm$ 0.100 χ^2 /NDF: 10854.7/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 53.704 $\pm$ 0.143 χ^2 /NDF:4603.5/22
 Out: 54.367 $\pm$ 0.142 χ^2 /NDF:6240.3/23
 All: 54.038 $\pm$ 0.100 χ^2 /NDF: 10854.7/46

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



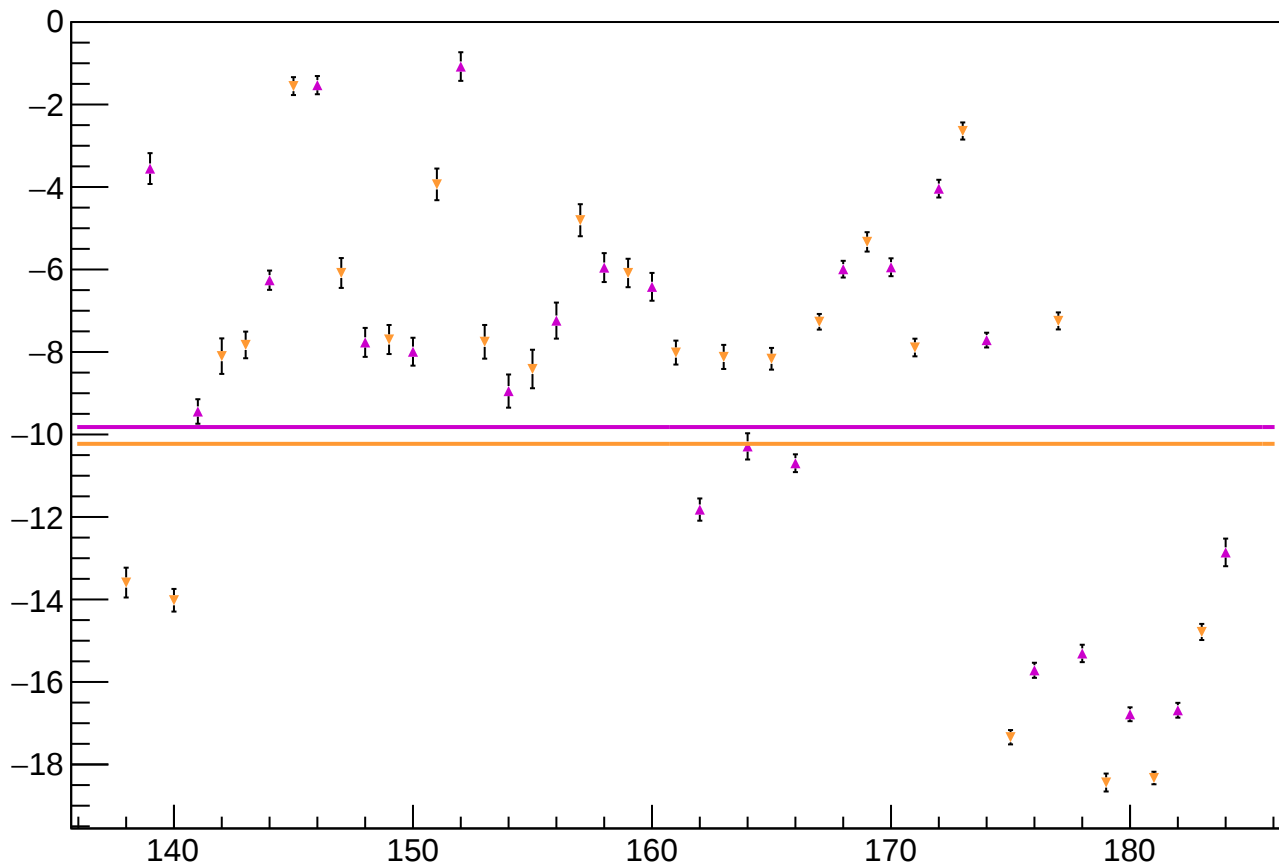
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.025 $\pm$ 0.007 χ^2 /NDF:1539.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22

Left: -0.008 $\pm$ 0.005 χ^2 /NDF: 3781.7/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22
 Out: -0.025 $\pm$ 0.007 χ^2 /NDF:1539.0/23

All: -0.008 $\pm$ 0.005 χ^2 /NDF: 3781.7/46

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

Left: -10.023 $\pm$ 0.036 χ^2 /NDF: 21300.4/46

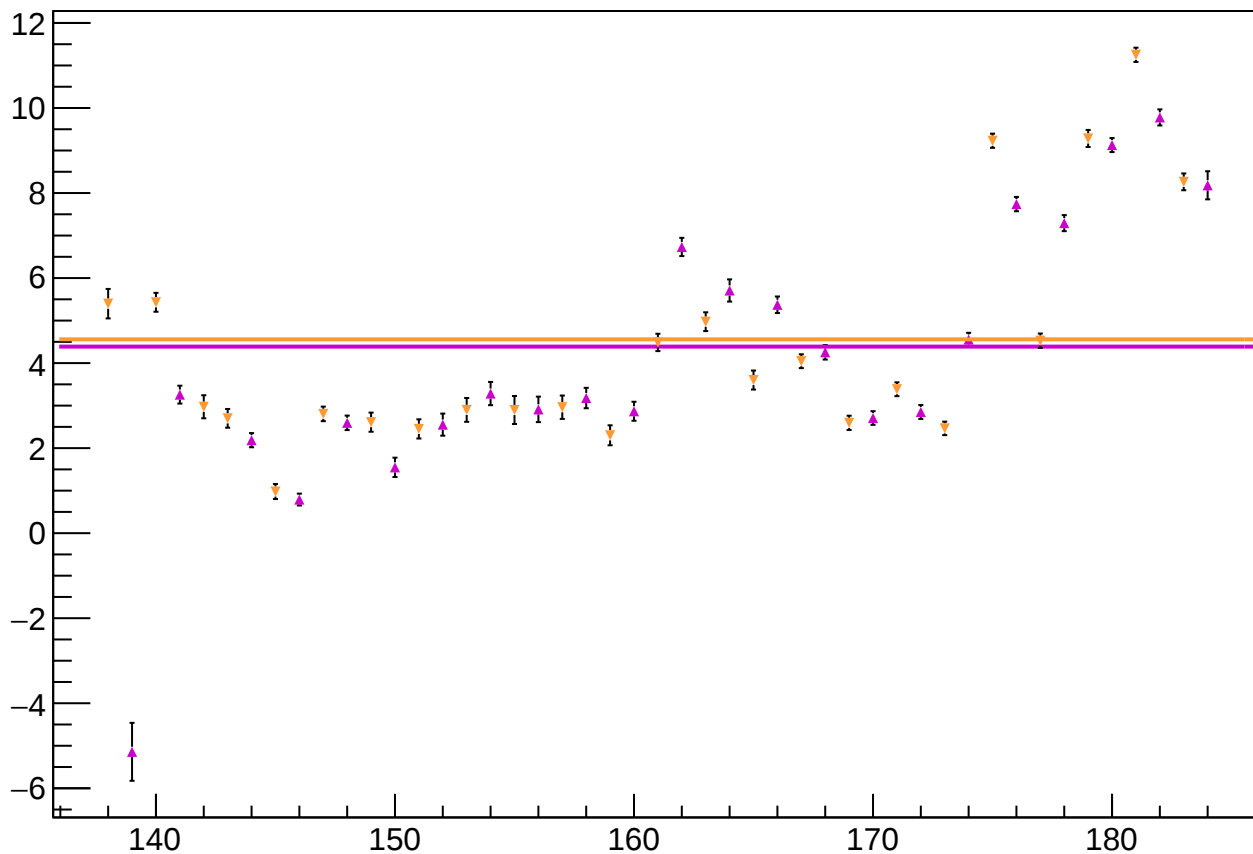
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

Out: -10.227 $\pm$ 0.051 χ^2 /NDF:11800.0/23

All: -10.023 $\pm$ 0.036 χ^2 /NDF: 21300.4/46

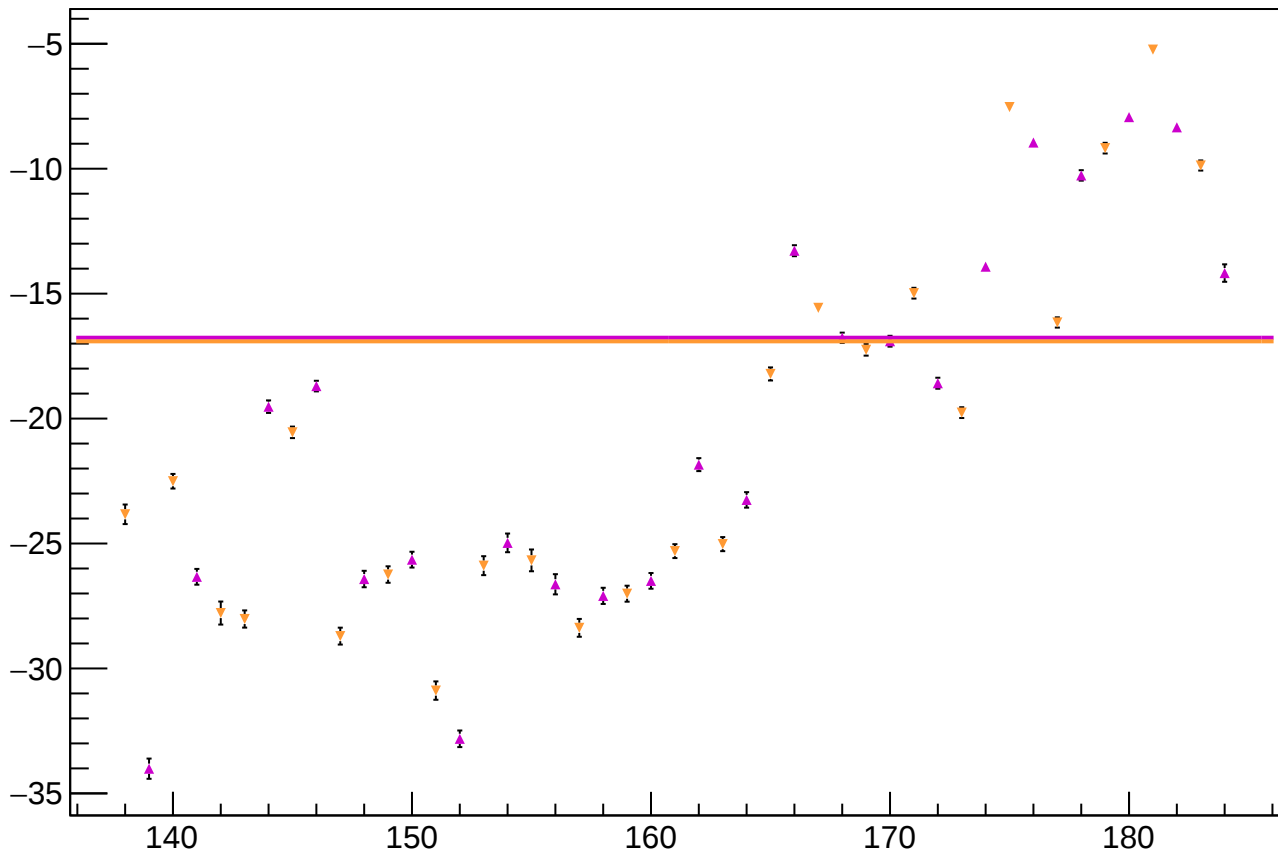
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22

Left: 4.474 $\pm$ 0.029 χ^2 /NDF: 8948.1/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22
 Out: 4.559 $\pm$ 0.041 χ^2 /NDF:4673.0/23
 All: 4.474 $\pm$ 0.029 χ^2 /NDF: 8948.1/46

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Left: -16.836+/-0.036 χ^2/NDF : 40976.0/46

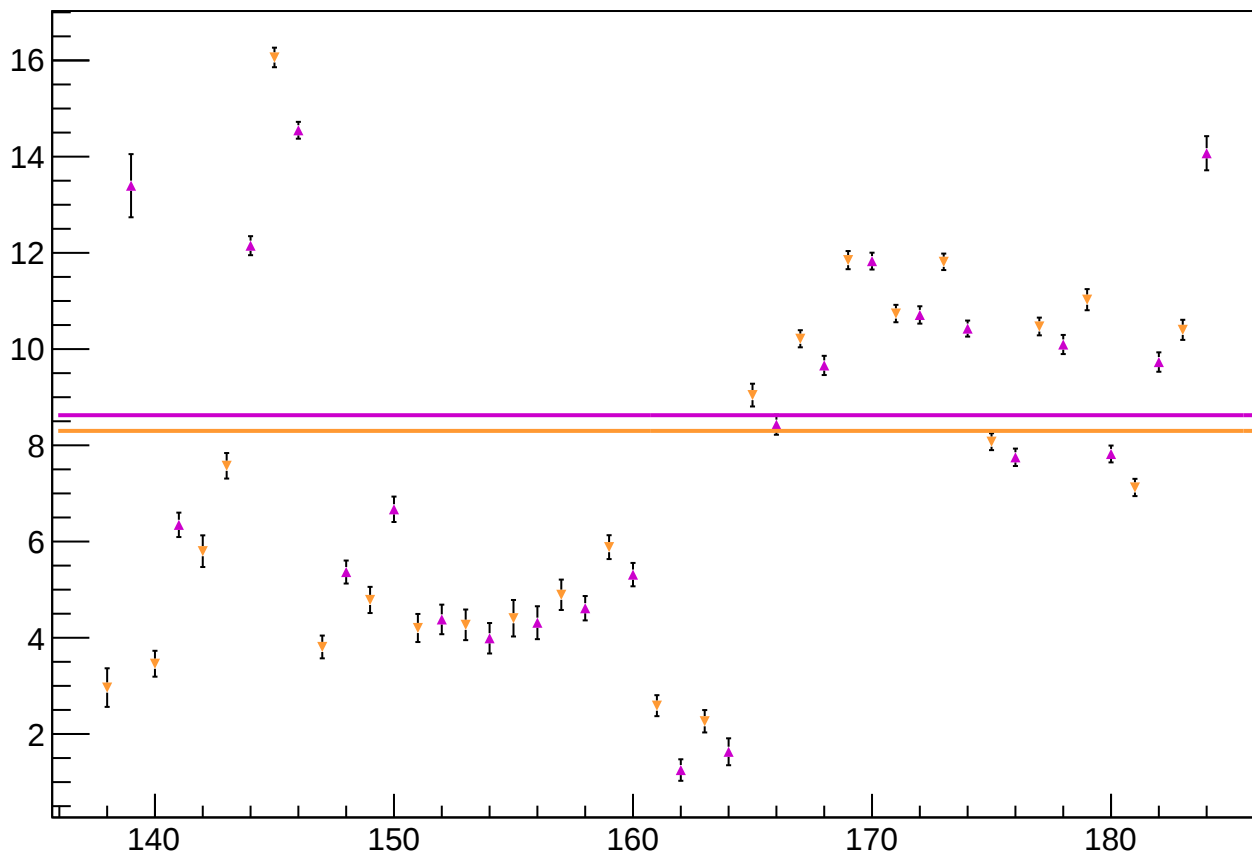
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Out: -16.909+/-0.052 χ^2/NDF :21934.3/23

All: -16.836+/-0.036 χ^2/NDF : 40976.0/46

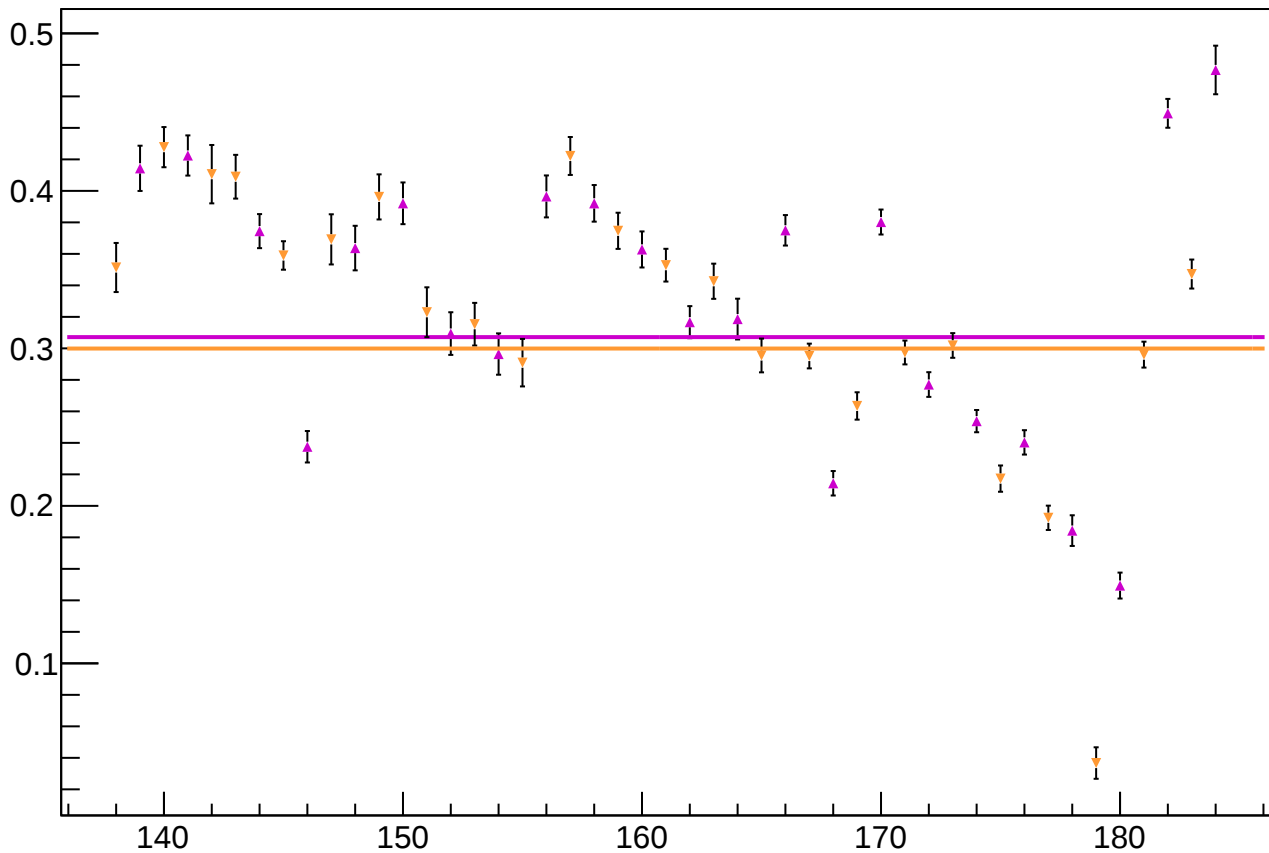
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.300 $\pm$ 0.046 χ^2/NDF :6107.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.626 $\pm$ 0.046 χ^2/NDF :5531.9/22

Left: 8.463 $\pm$ 0.033 χ^2/NDF : 11664.1/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.626 $\pm$ 0.046 χ^2/NDF :5531.9/22
 Out: 8.300 $\pm$ 0.046 χ^2/NDF :6107.2/23
 All: 8.463 $\pm$ 0.033 χ^2/NDF : 11664.1/46

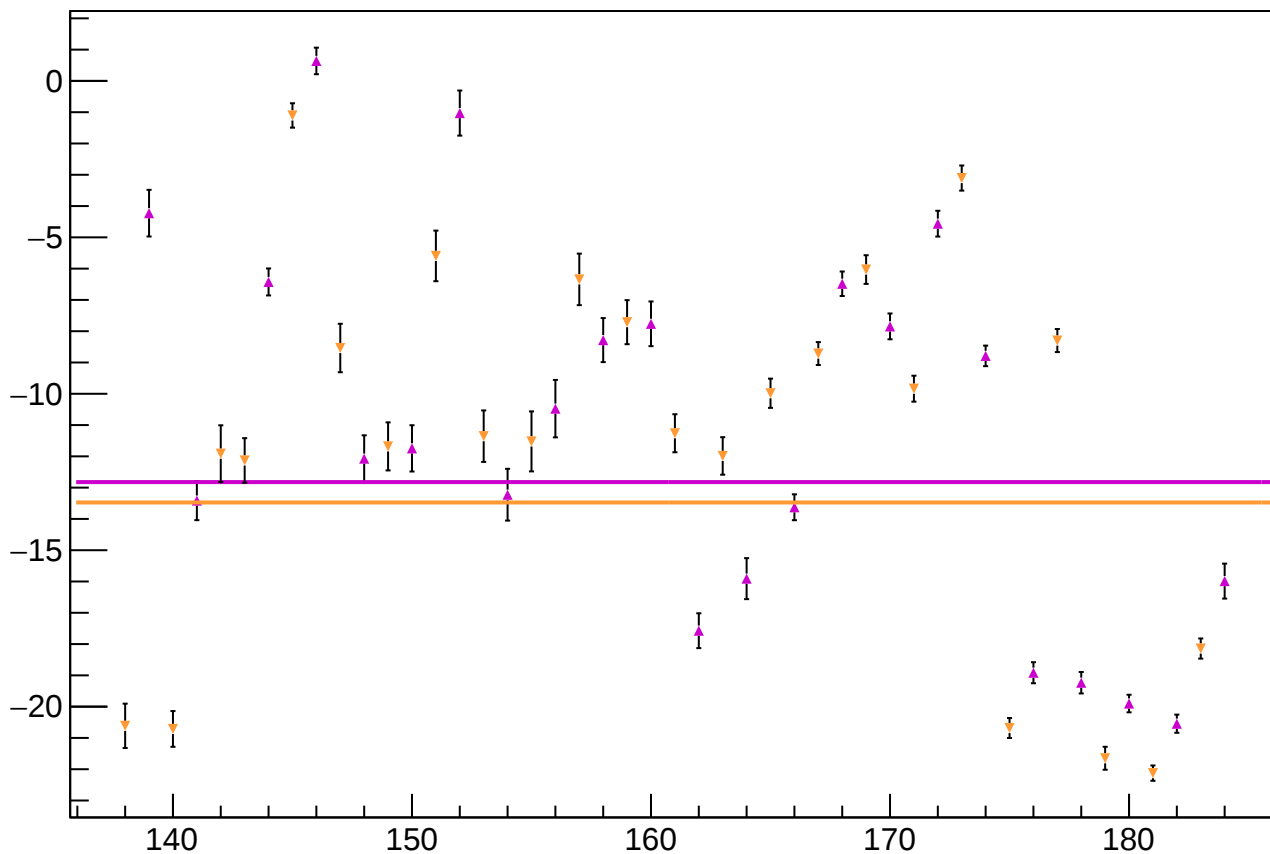
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

Left: 0.304 $\pm$ 0.001 χ^2 /NDF: 3257.2/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22
 Out: 0.300 $\pm$ 0.002 χ^2 /NDF:1534.5/23
 All: 0.304 $\pm$ 0.001 χ^2 /NDF: 3257.2/46

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.474+/-0.095 χ^2/NDF : 5482.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.823+/-0.095 χ^2/NDF : 4841.5/22

Left: -13.148+/-0.067 χ^2/NDF : 10347.1/46

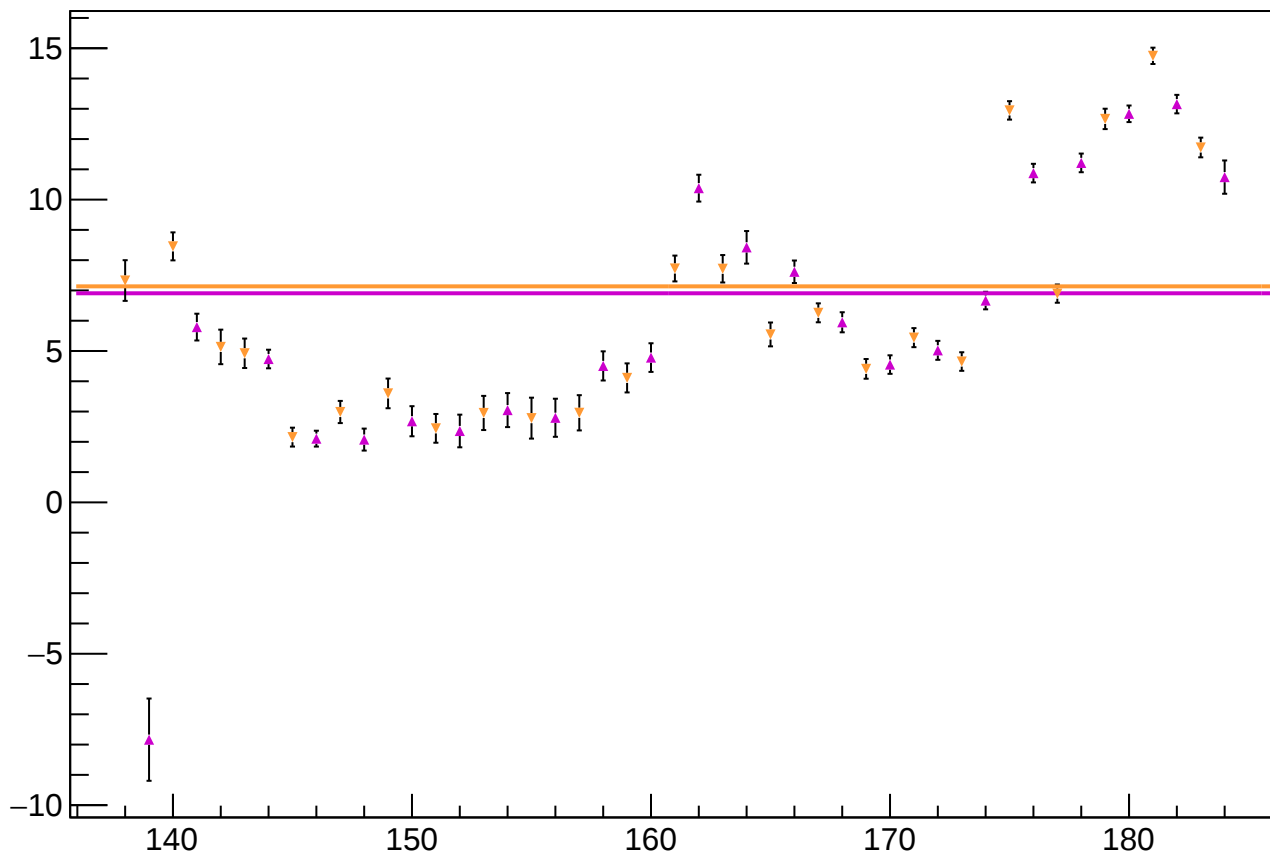
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.823+/-0.095 χ^2/NDF : 4841.5/22

Out: -13.474+/-0.095 χ^2/NDF : 5482.0/23

All: -13.148+/-0.067 χ^2/NDF : 10347.1/46

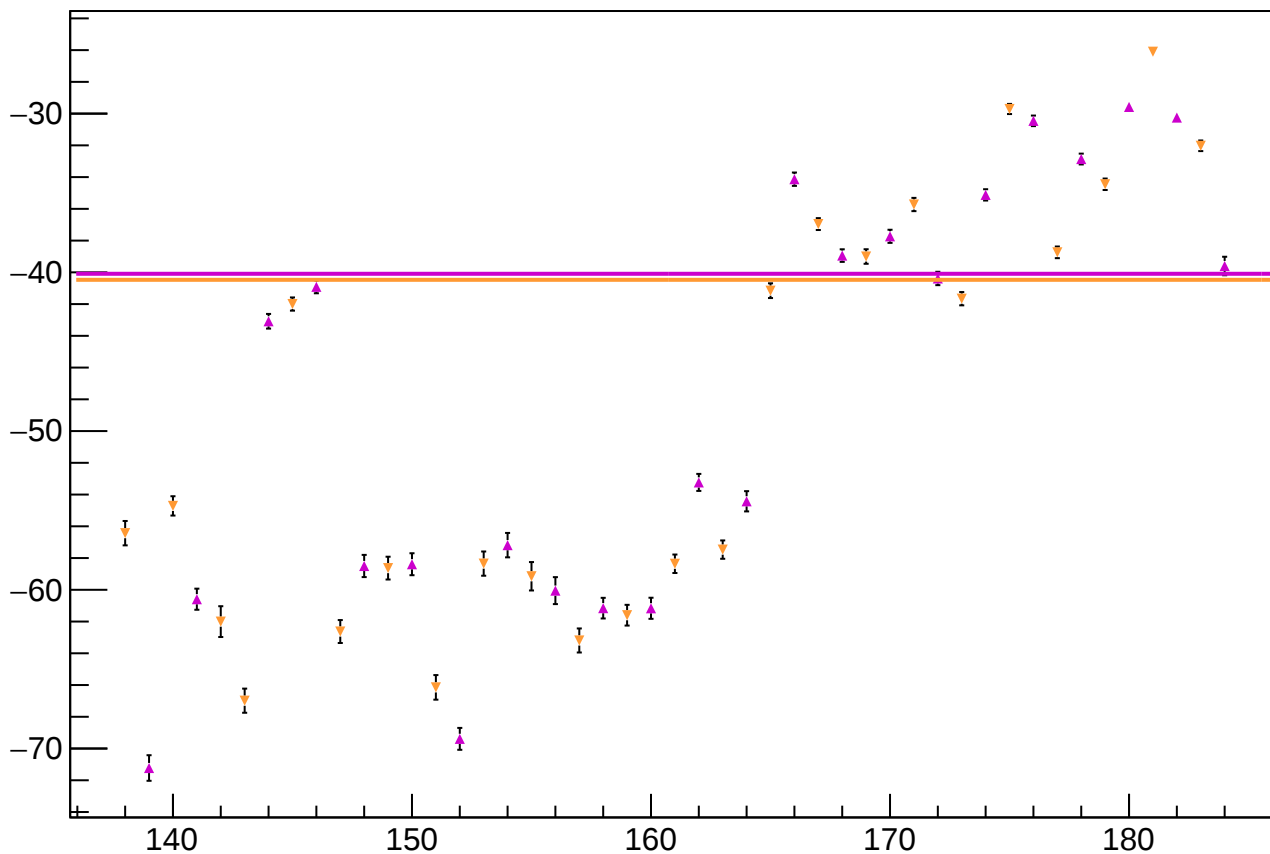
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 7.135 $\pm$ 0.078 χ^2/NDF :2584.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 6.906 $\pm$ 0.077 χ^2/NDF :2442.8/22

Left: 7.020 $\pm$ 0.055 χ^2/NDF : 5032.1/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 6.906 $\pm$ 0.077 χ^2/NDF :2442.8/22
 Out: 7.135 $\pm$ 0.078 χ^2/NDF :2584.9/23
 All: 7.020 $\pm$ 0.055 χ^2/NDF : 5032.1/46

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Left: -40.279+/-0.068 χ^2/NDF : 29722.8/46

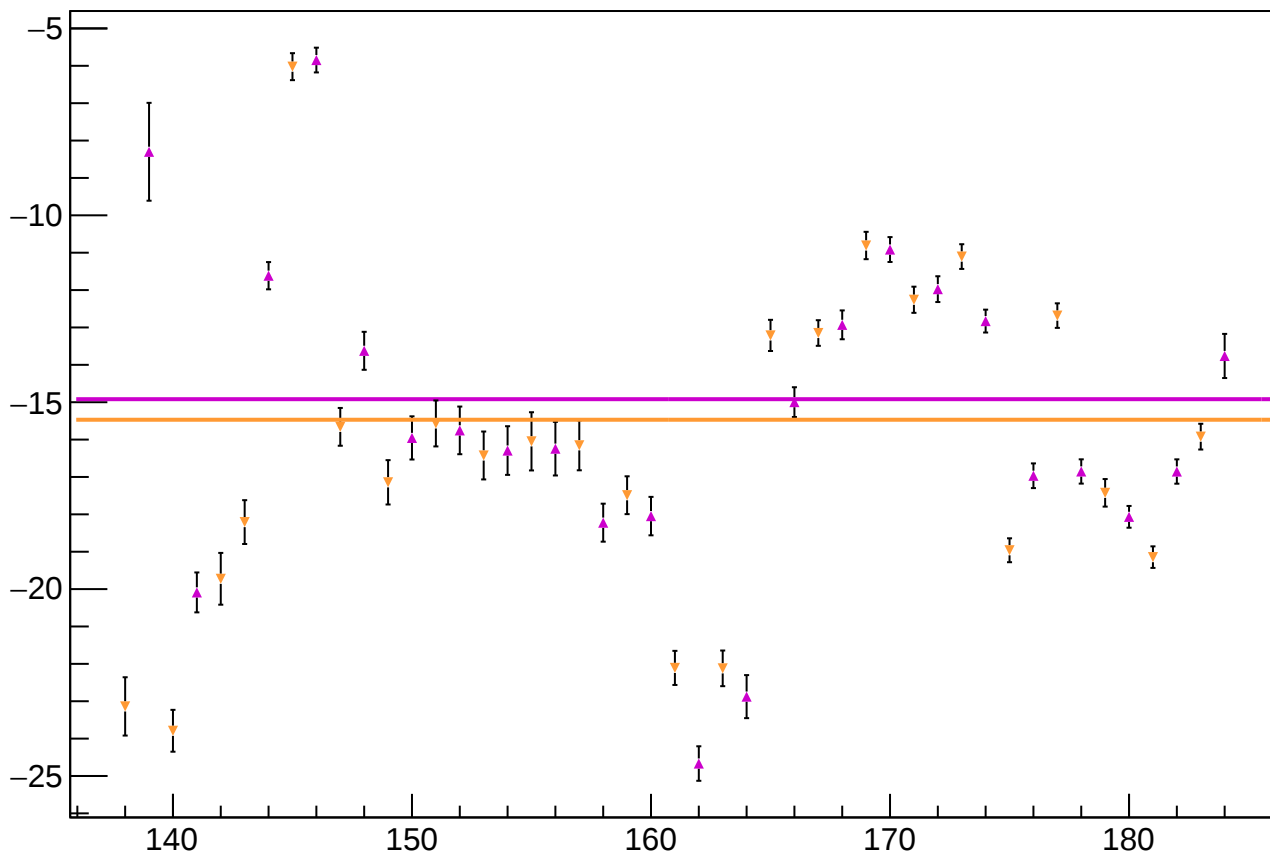
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Out: -40.471+/-0.096 χ^2/NDF :15611.3/23

All: -40.279+/-0.068 χ^2/NDF : 29722.8/46

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -15.469 ± 0.087 $\chi^2/\text{NDF}: 2375.9/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

Left: -15.193 ± 0.061 $\chi^2/\text{NDF}: 4603.8/46$

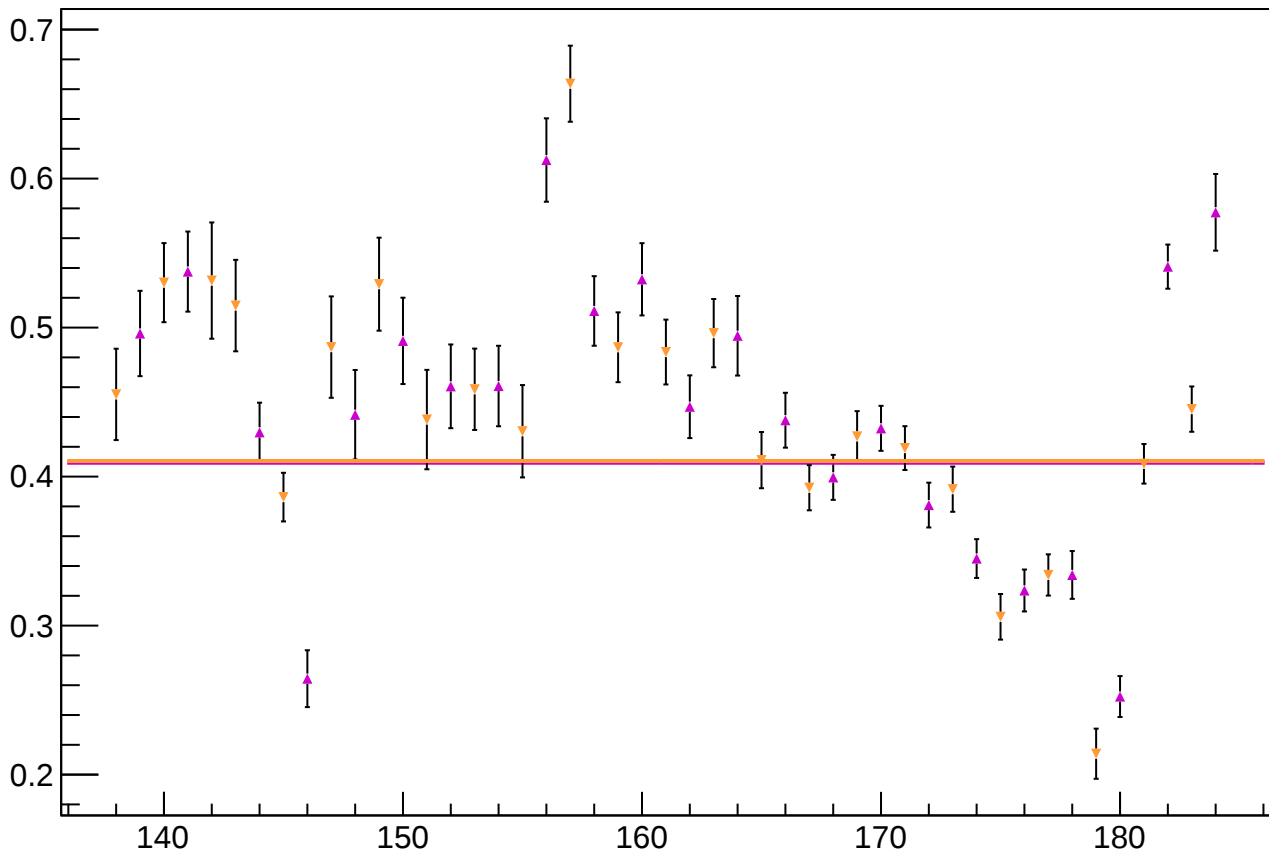
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.919 ± 0.087 $\chi^2/\text{NDF}: 2207.7/22$

Out: -15.469 ± 0.087 $\chi^2/\text{NDF}: 2375.9/23$

All: -15.193 ± 0.061 $\chi^2/\text{NDF}: 4603.8/46$

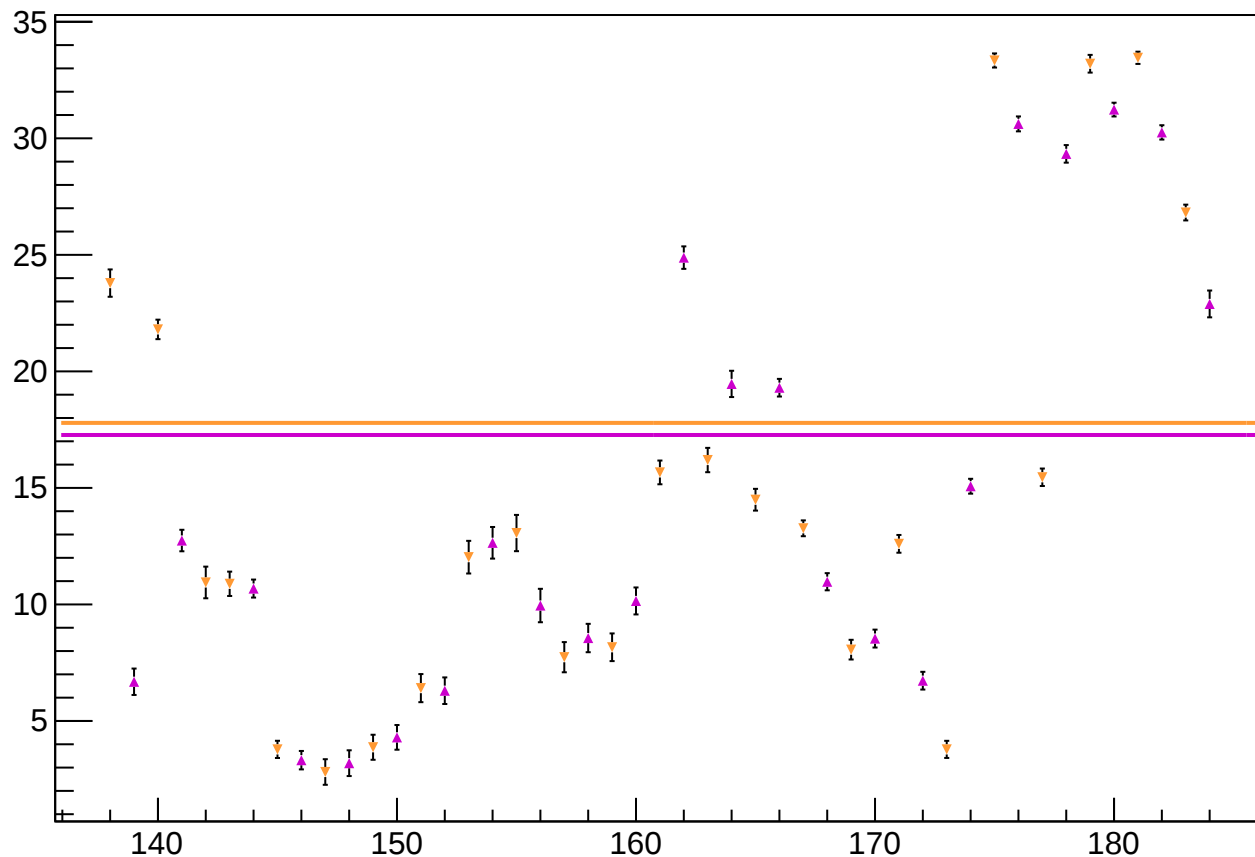
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22

Left: 0.410 $\pm$ 0.003 χ^2 /NDF: 988.8/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22
 Out: 0.410 $\pm$ 0.004 χ^2 /NDF:426.9/23
 All: 0.410 $\pm$ 0.003 χ^2 /NDF: 988.8/46

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.790+/-0.088 χ^2/NDF :15292.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Left: 17.532+/-0.062 χ^2/NDF : 28202.4/46

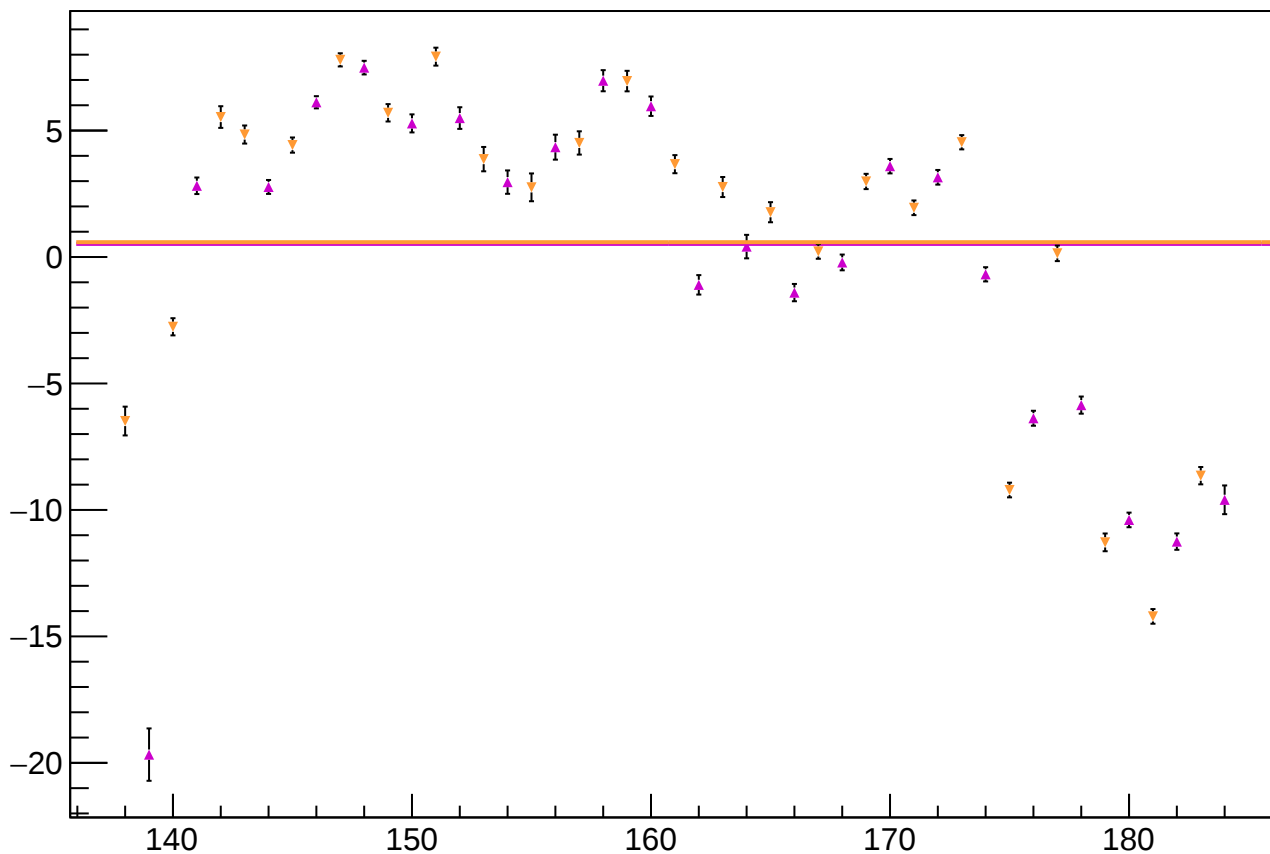
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Out: 17.790+/-0.088 χ^2/NDF :15292.9/23

All: 17.532+/-0.062 χ^2/NDF : 28202.4/46

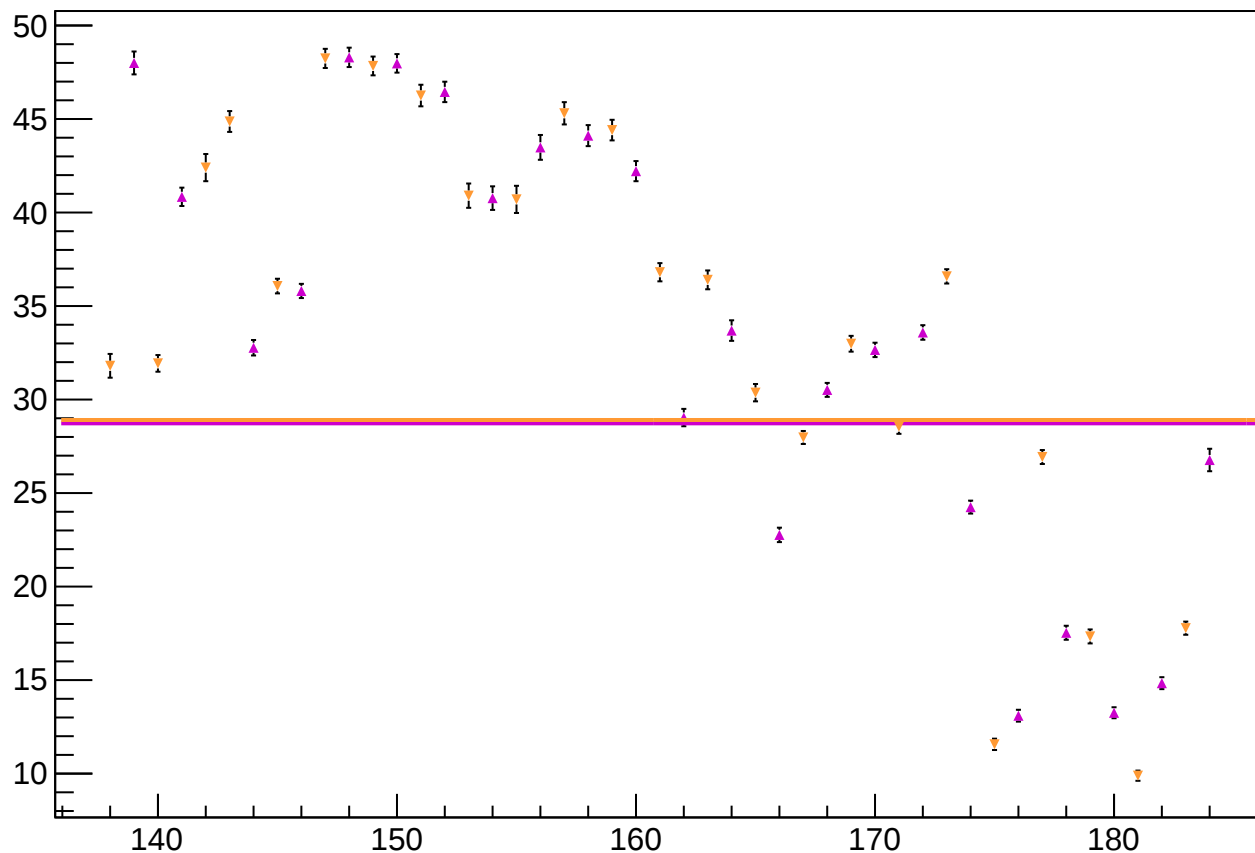
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22

Left: 0.553 $\pm$ 0.050 χ^2 /NDF: 15270.0/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.519 $\pm$ 0.071 χ^2 /NDF:6776.8/22
 Out: 0.586 $\pm$ 0.070 χ^2 /NDF:8492.8/23
 All: 0.553 $\pm$ 0.050 χ^2 /NDF: 15270.0/46

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Left: 28.818 $\pm$ 0.063 χ^2 /NDF: 35596.0/46

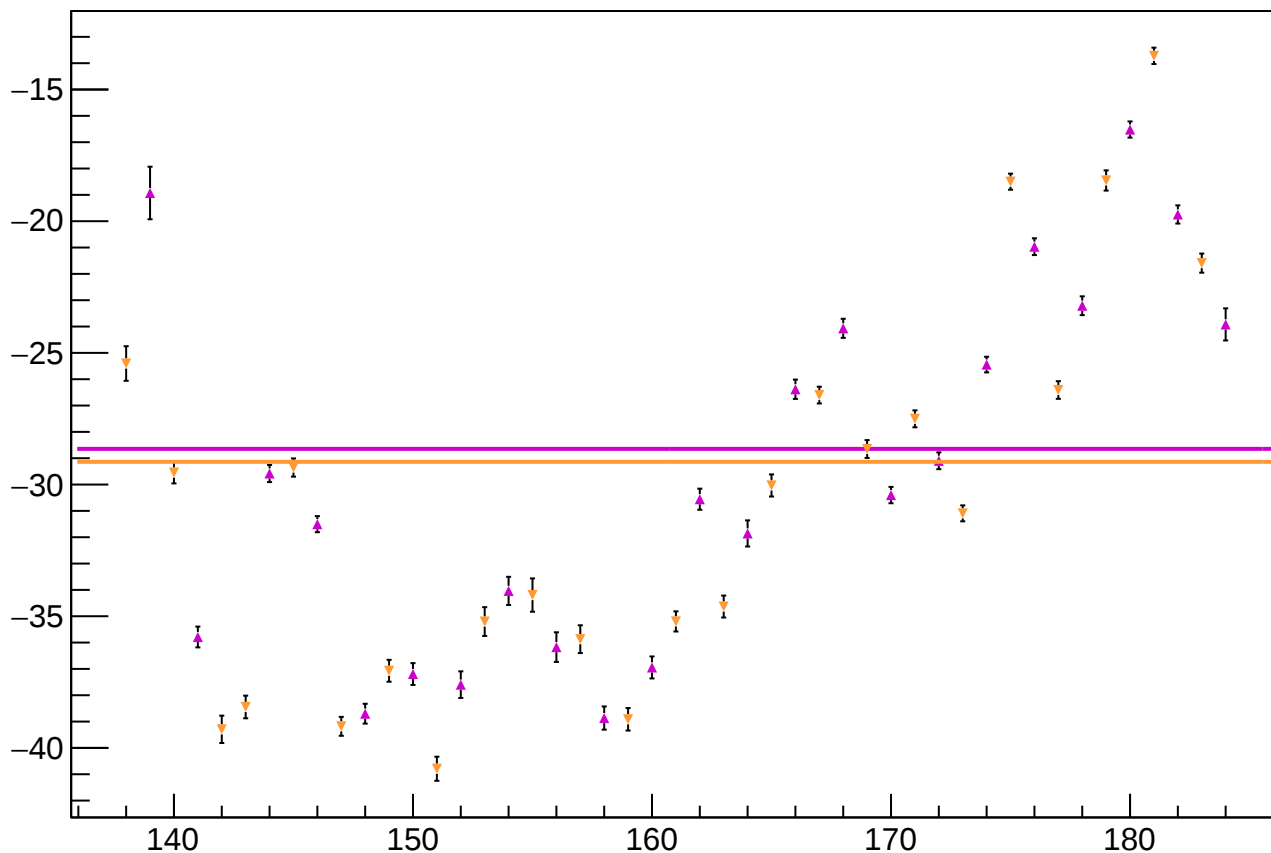
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Out: 28.907 $\pm$ 0.089 χ^2 /NDF:18556.6/23

All: 28.818 $\pm$ 0.063 χ^2 /NDF: 35596.0/46

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Left: -28.892 $\pm$ 0.056 χ^2 /NDF: 15784.3/46

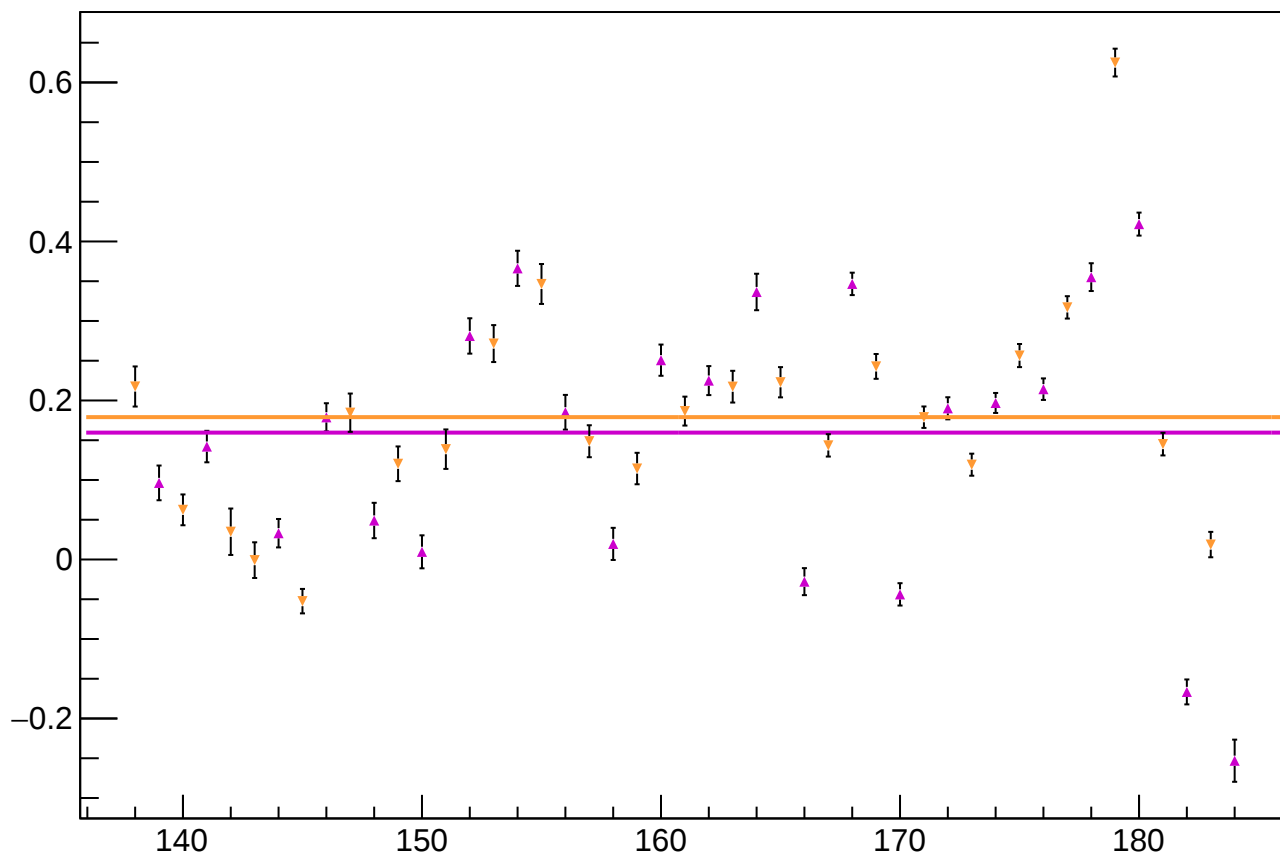
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -28.645 $\pm$ 0.080 χ^2 /NDF:6693.5/22

Out: -29.136 $\pm$ 0.079 χ^2 /NDF:9071.6/23

All: -28.892 $\pm$ 0.056 χ^2 /NDF: 15784.3/46

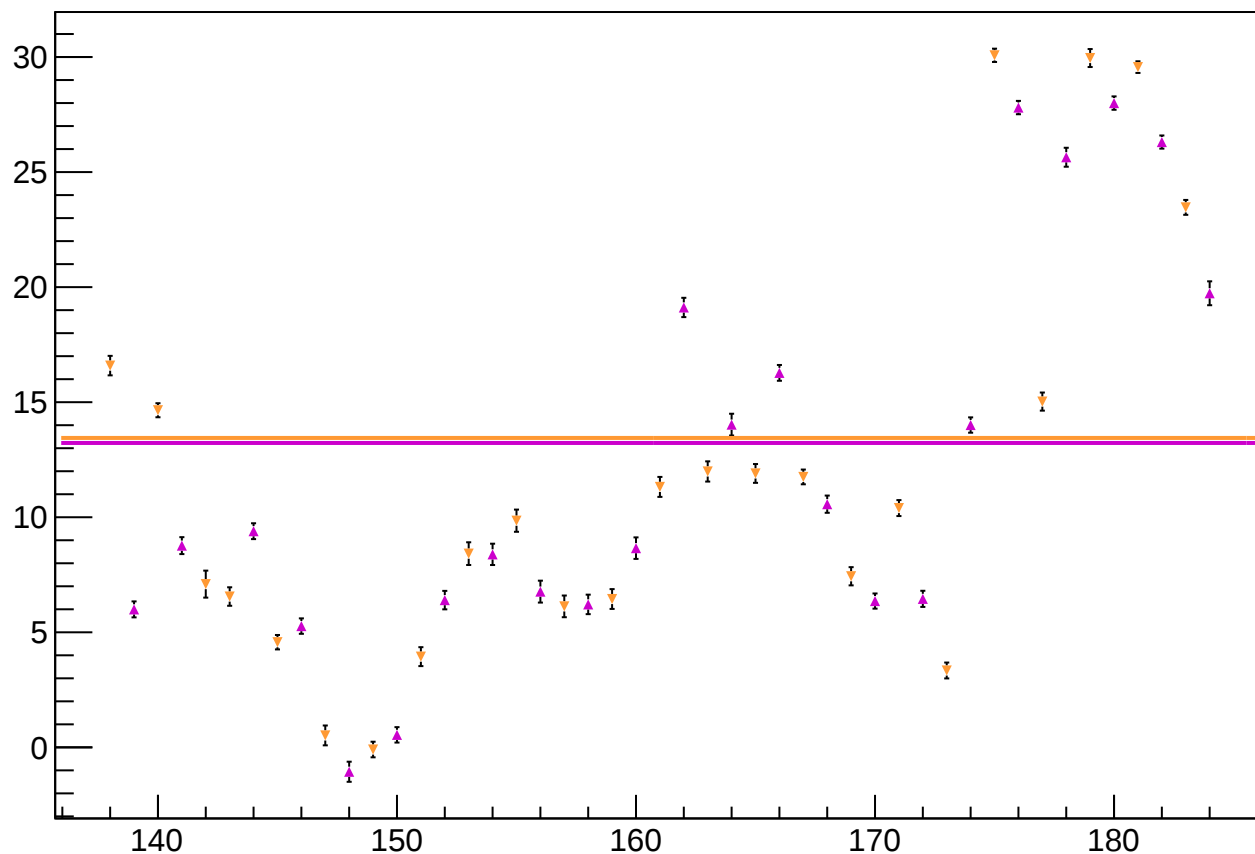
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

Left: 0.169 $\pm$ 0.003 χ^2 /NDF: 3446.4/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22
 Out: 0.179 $\pm$ 0.004 χ^2 /NDF:1368.4/23
 All: 0.169 $\pm$ 0.003 χ^2 /NDF: 3446.4/46

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Left: 13.338+/-0.054 χ^2/NDF : 30469.5/46

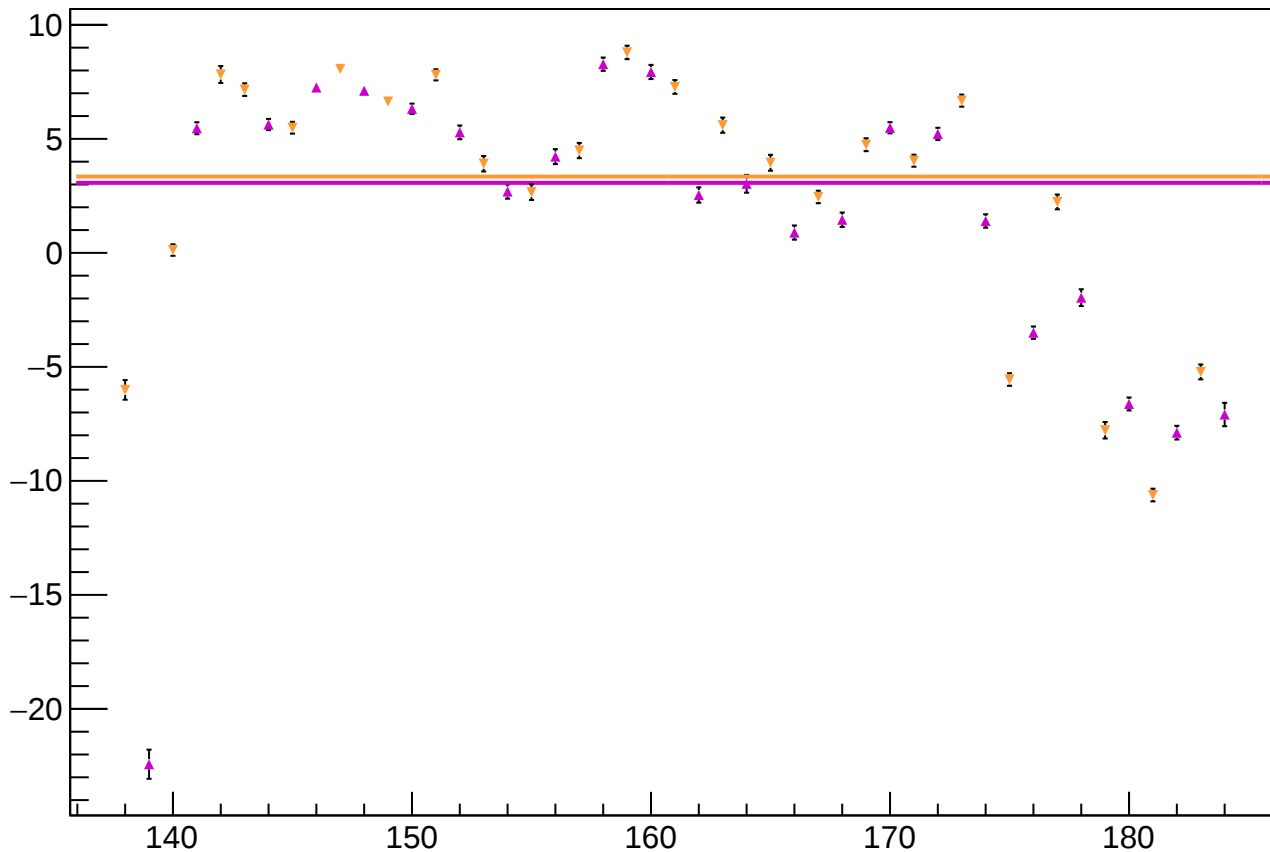
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Out: 13.447+/-0.076 χ^2/NDF :16339.3/23

All: 13.338+/-0.054 χ^2/NDF : 30469.5/46

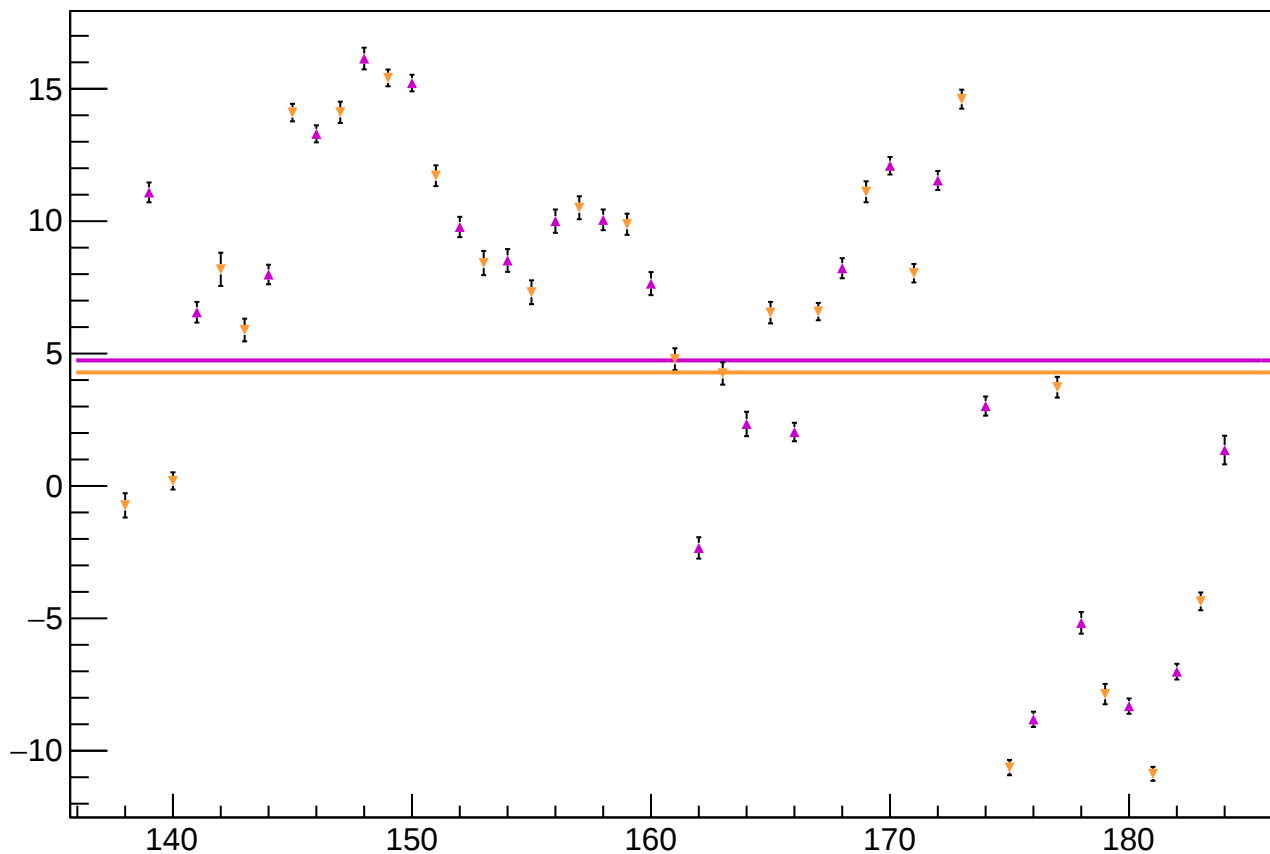
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.346 $\pm$ 0.059 χ^2 /NDF:8058.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

Left: 3.213 $\pm$ 0.042 χ^2 /NDF: 15337.8/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22
 Out: 3.346 $\pm$ 0.059 χ^2 /NDF:8058.1/23
 All: 3.213 $\pm$ 0.042 χ^2 /NDF: 15337.8/46

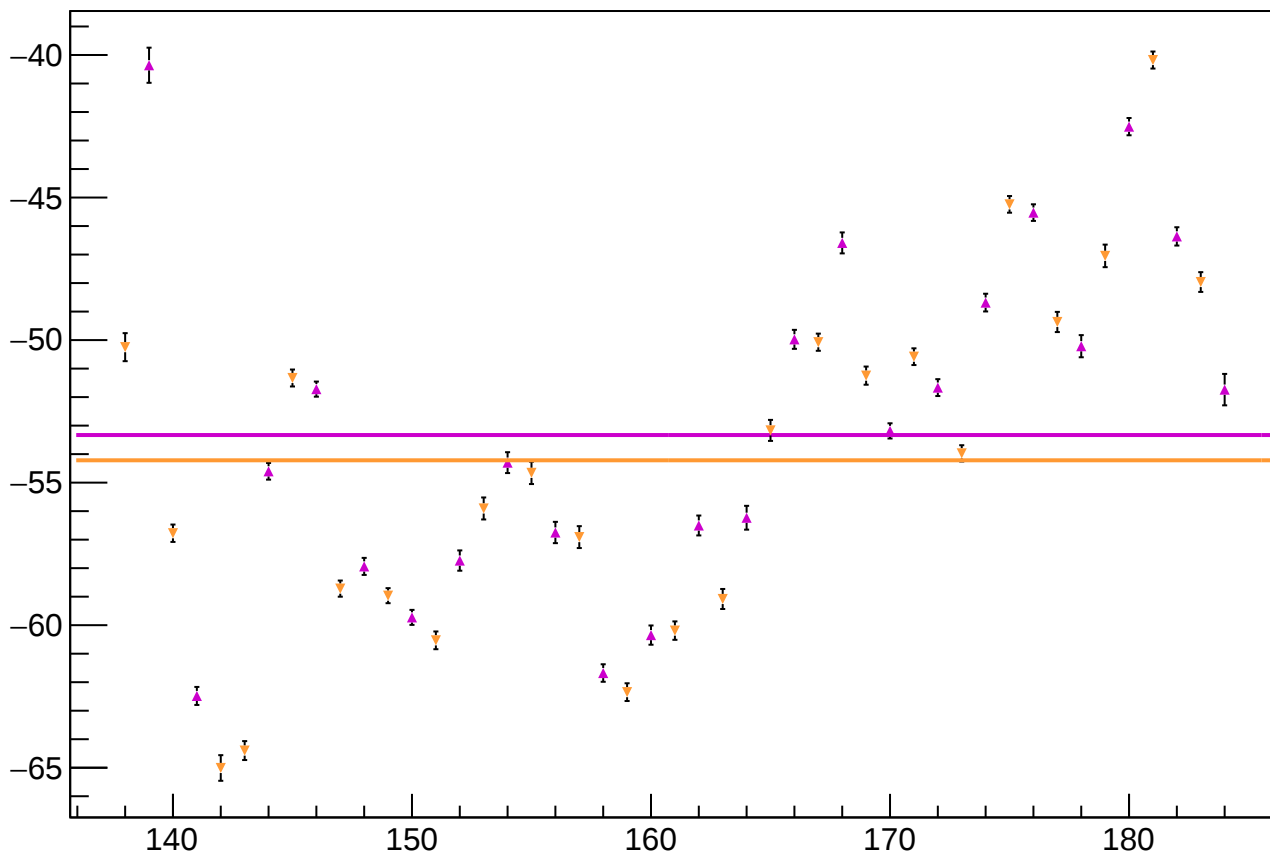
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

Left: 4.513 $\pm$ 0.054 χ^2 /NDF: 24320.8/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22
 Out: 4.287 $\pm$ 0.076 χ^2 /NDF:12884.8/23
 All: 4.513 $\pm$ 0.054 χ^2 /NDF: 24320.8/46

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.217+/-0.067 χ^2/NDF : 8453.2/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.330+/-0.068 χ^2/NDF : 6940.2/22

Left: -53.782+/-0.048 χ^2/NDF : 15479.3/46

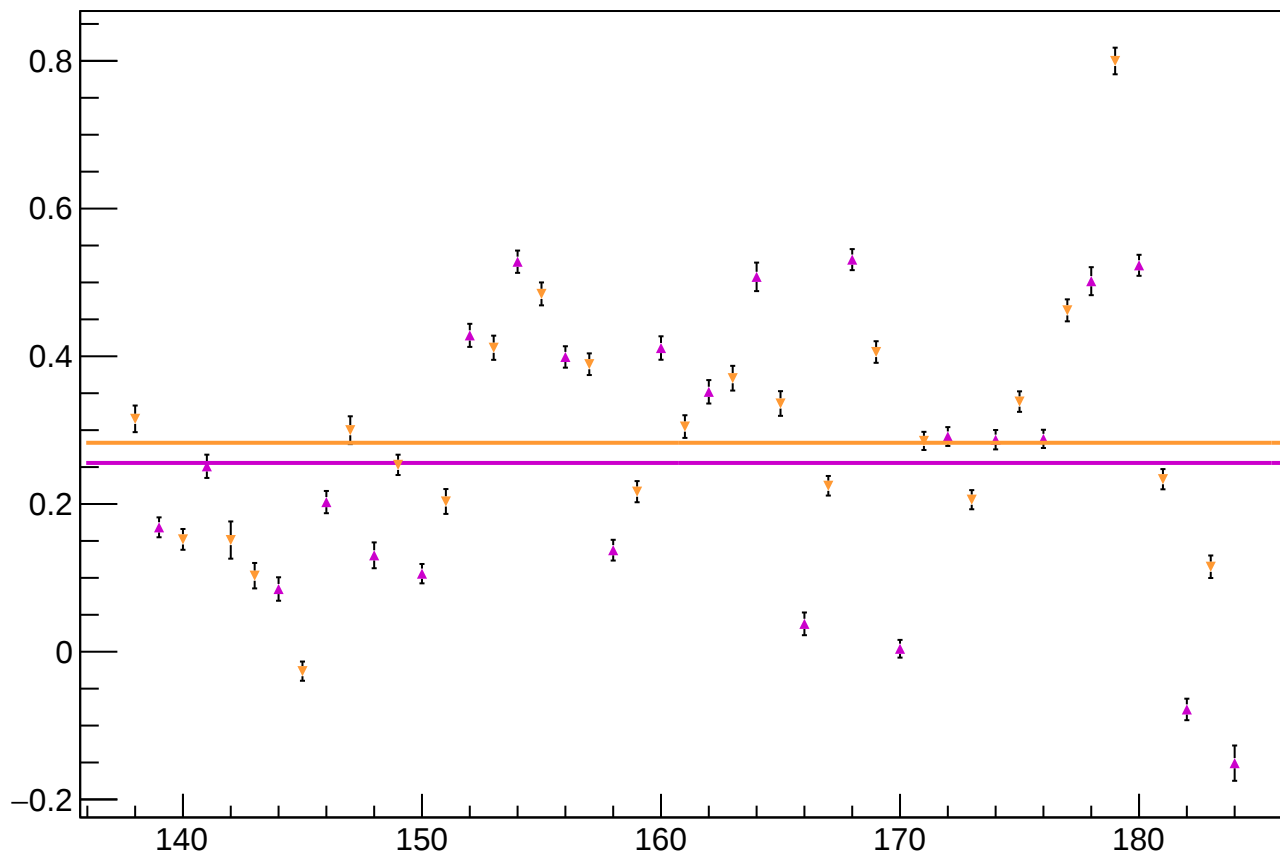
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.330+/-0.068 χ^2/NDF : 6940.2/22

Out: -54.217+/-0.067 χ^2/NDF : 8453.2/23

All: -53.782+/-0.048 χ^2/NDF : 15479.3/46

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.283 $\pm$ 0.003 χ^2 /NDF:2405.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Left: 0.269 $\pm$ 0.002 χ^2 /NDF: 6088.8/46

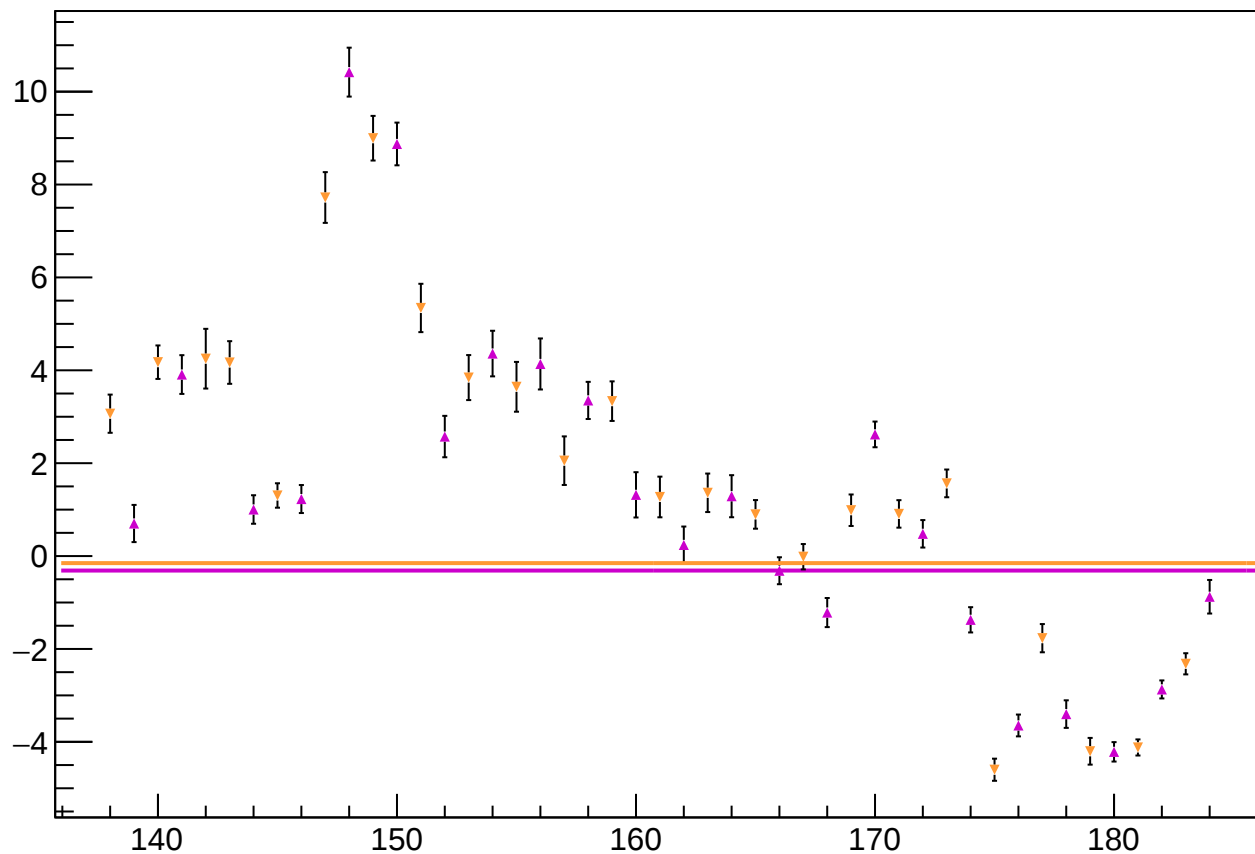
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Out: 0.283 $\pm$ 0.003 χ^2 /NDF:2405.8/23

All: 0.269 $\pm$ 0.002 χ^2 /NDF: 6088.8/46

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



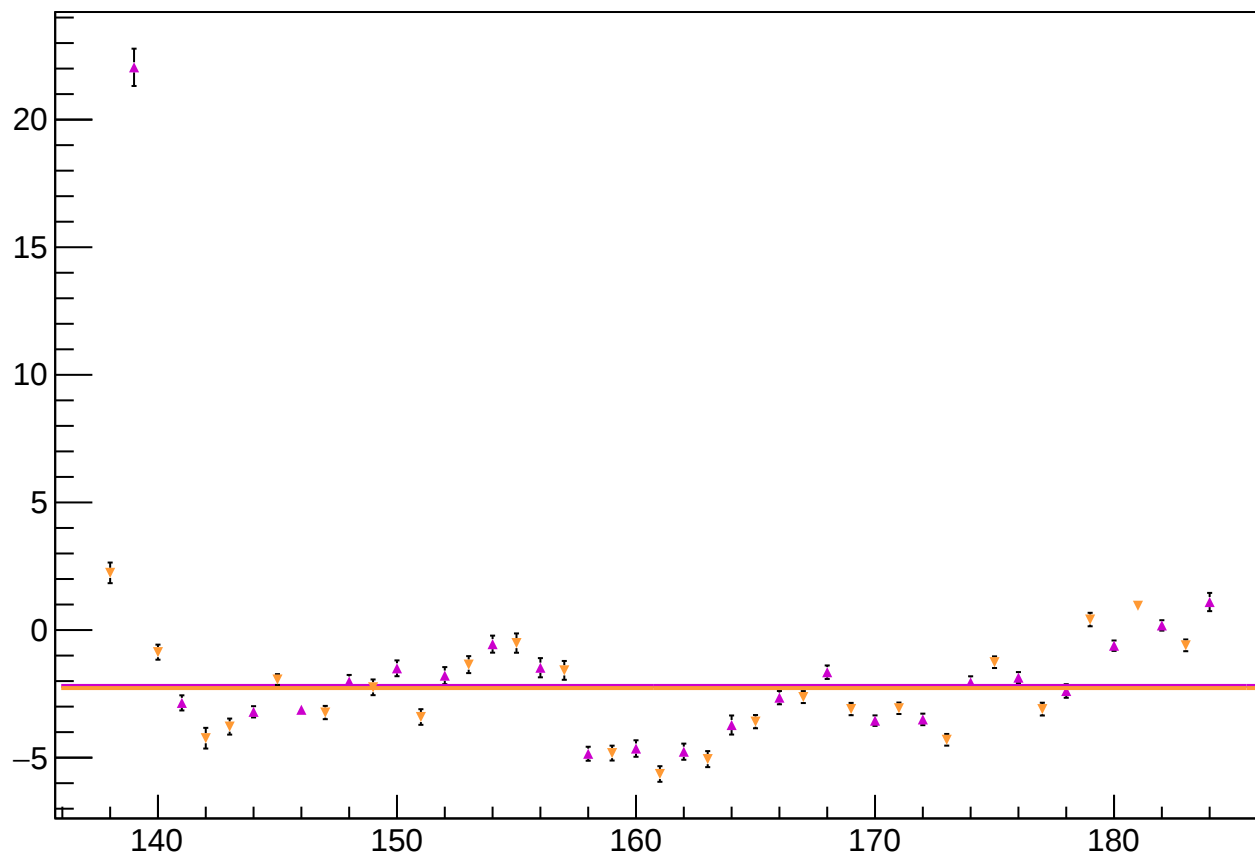
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.152+/-0.067 χ^2/NDF :2538.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.312+/-0.067 χ^2/NDF :2252.6/22

Left: -0.232+/-0.047 χ^2/NDF : 4794.0/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.312+/-0.067 χ^2/NDF :2252.6/22
 Out: -0.152+/-0.067 χ^2/NDF :2538.5/23

All: -0.232+/-0.047 χ^2/NDF : 4794.0/46

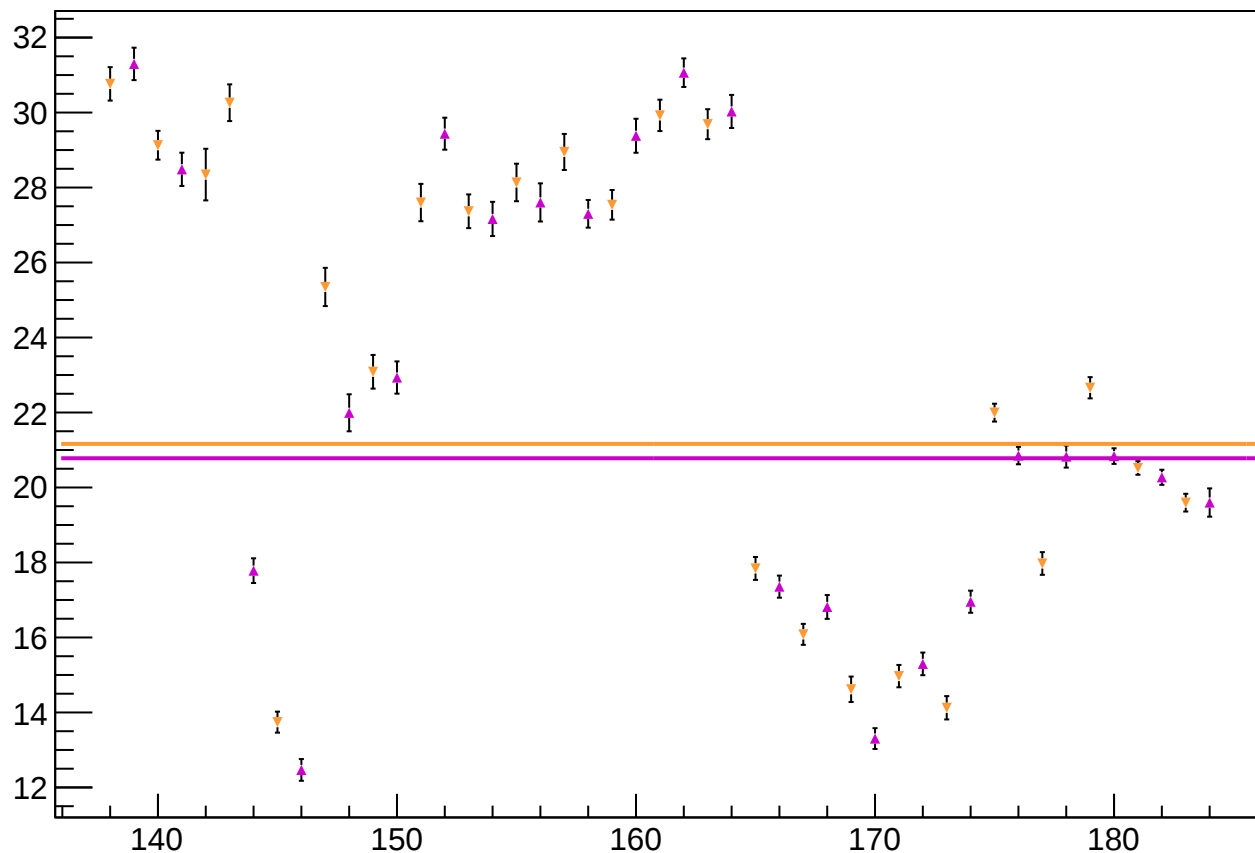
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.190+/-0.055 χ^2/NDF :1785.1/22

Left: -2.232+/-0.039 χ^2/NDF : 2921.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.190+/-0.055 χ^2/NDF :1785.1/22
 Out: -2.274+/-0.055 χ^2/NDF :1134.9/23
 All: -2.232+/-0.039 χ^2/NDF : 2921.2/46

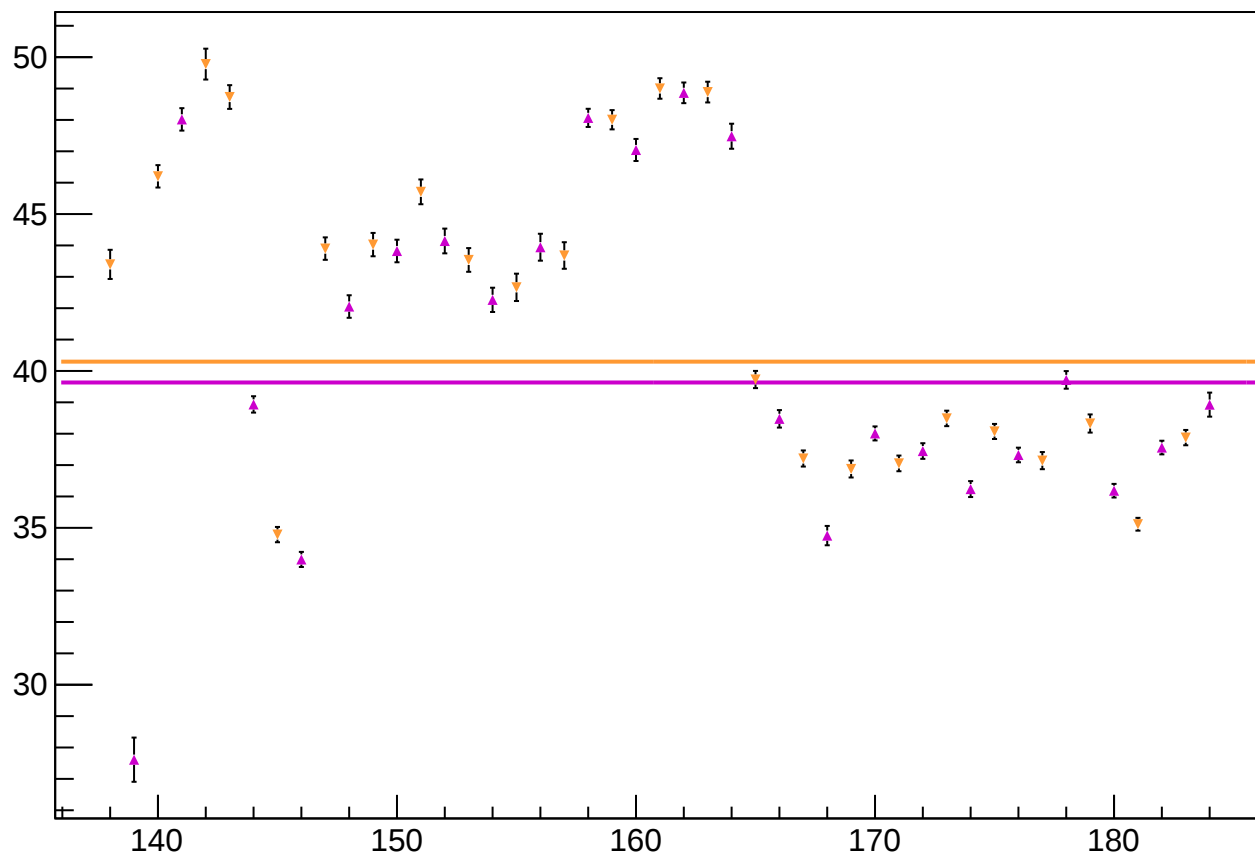
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.162+/-0.068 χ^2/NDF : 6075.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.780+/-0.067 χ^2/NDF : 5988.0/22

Left: 20.970+/-0.048 χ^2/NDF : 12079.6/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.780+/-0.067 χ^2/NDF : 5988.0/22
 Out: 21.162+/-0.068 χ^2/NDF : 6075.5/23
 All: 20.970+/-0.048 χ^2/NDF : 12079.6/46

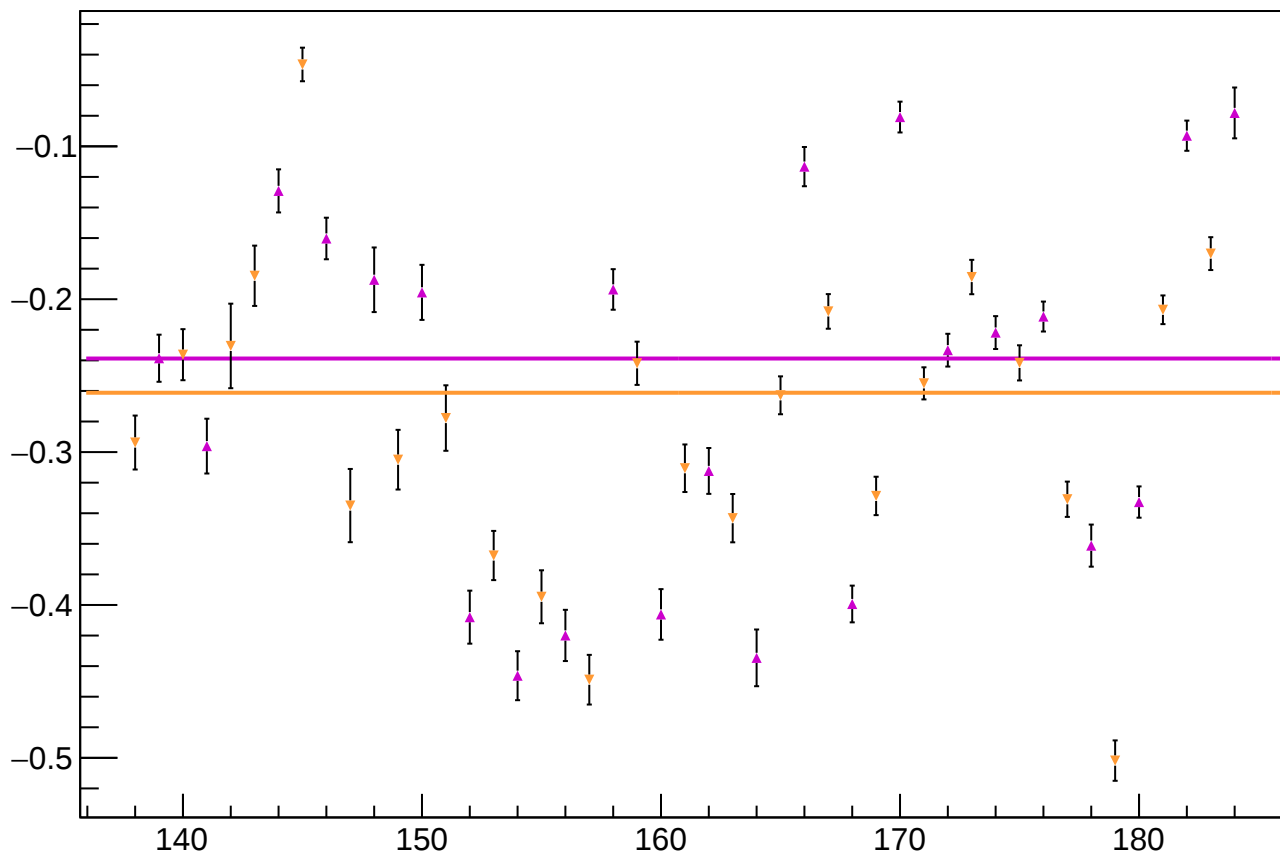
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.297+/-0.061 χ^2/NDF : 5809.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.632+/-0.061 χ^2/NDF : 5343.3/22

Left: 39.965+/-0.043 χ^2/NDF : 11211.6/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.632+/-0.061 χ^2/NDF : 5343.3/22
 Out: 40.297+/-0.061 χ^2/NDF : 5809.5/23
 All: 39.965+/-0.043 χ^2/NDF : 11211.6/46

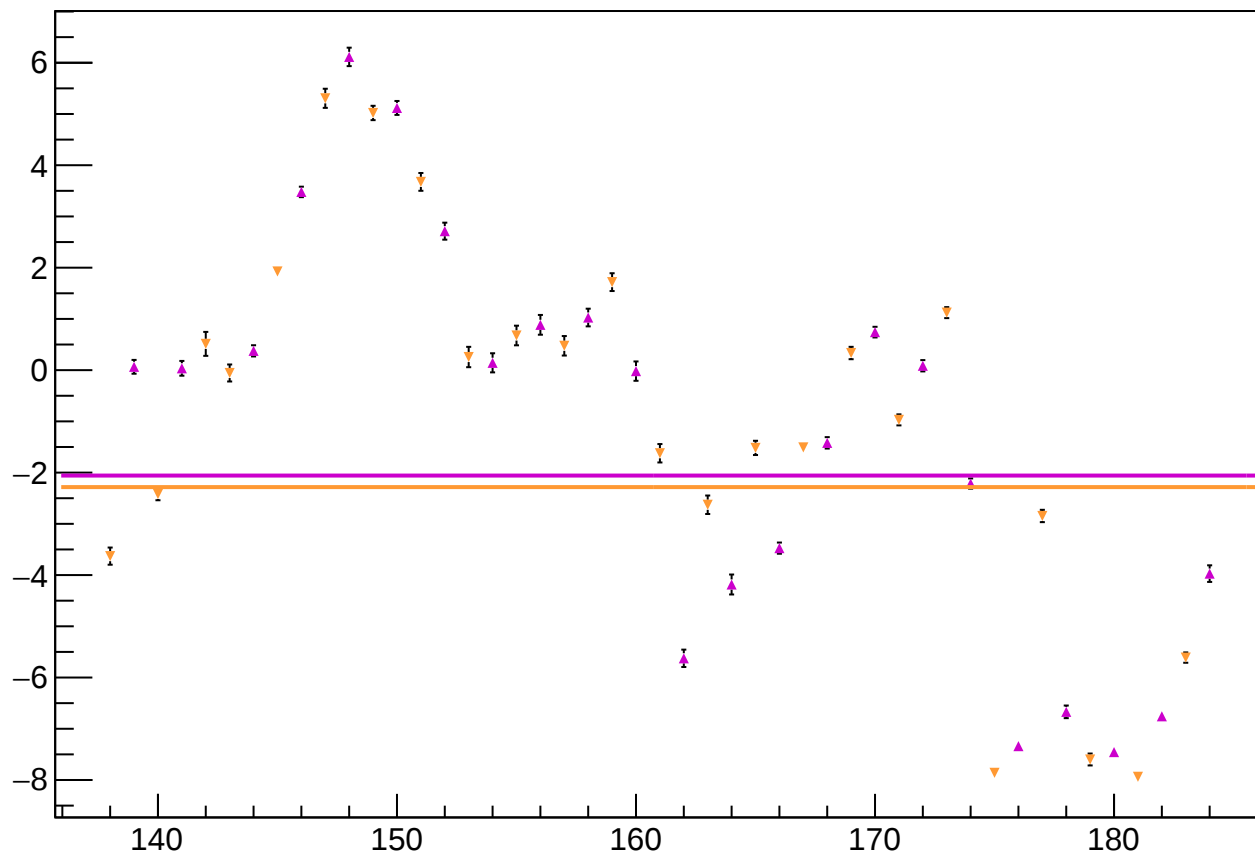
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261+/-0.003 χ^2/NDF :1267.5/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.239+/-0.003 χ^2/NDF :1750.0/22

Left: -0.250+/-0.002 χ^2/NDF : 3049.8/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.239+/-0.003 χ^2/NDF :1750.0/22
 Out: -0.261+/-0.003 χ^2/NDF :1267.5/23
 All: -0.250+/-0.002 χ^2/NDF : 3049.8/46

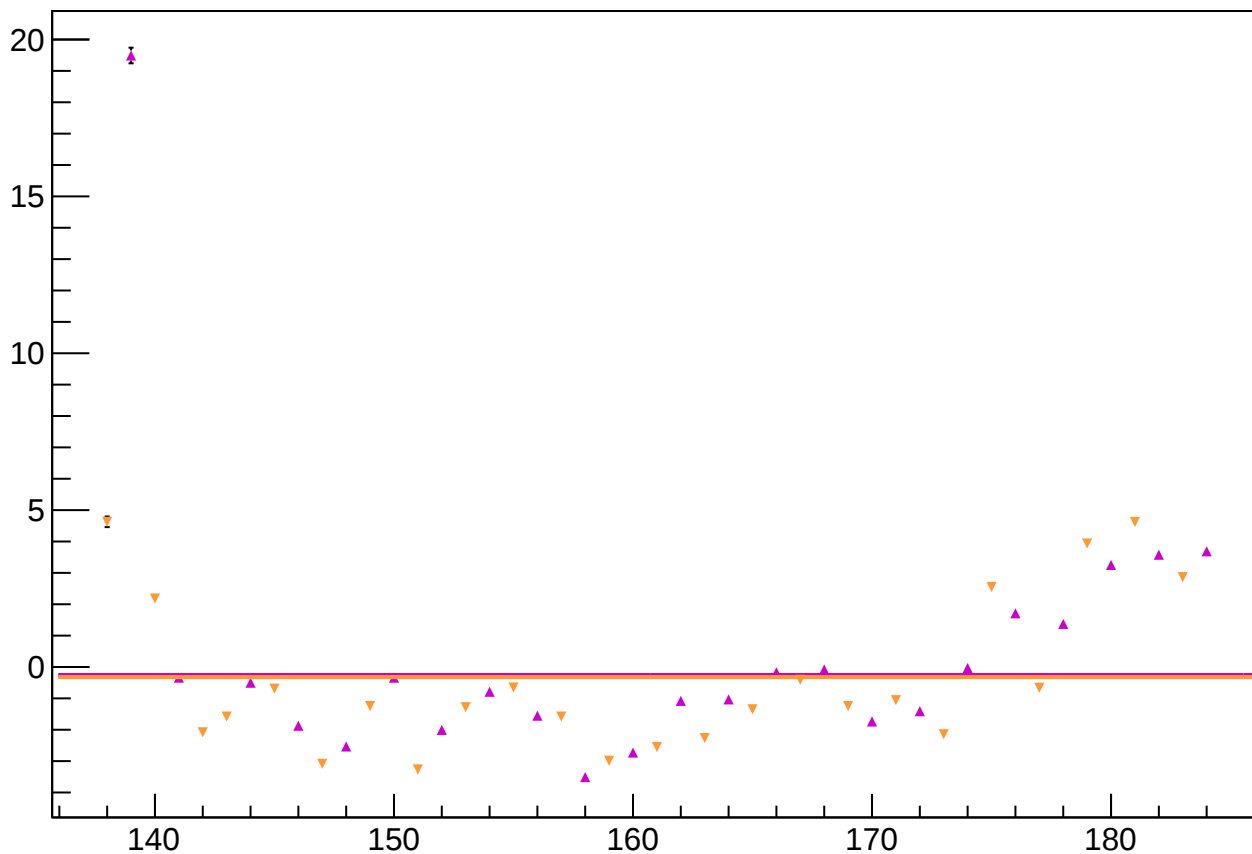
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.283+/-0.026 χ^2/NDF :23302.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.058+/-0.026 χ^2/NDF :23343.8/22

Left: -2.170+/-0.018 χ^2/NDF : 46684.1/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.058+/-0.026 χ^2/NDF :23343.8/22
 Out: -2.283+/-0.026 χ^2/NDF :23302.6/23
 All: -2.170+/-0.018 χ^2/NDF : 46684.1/46

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



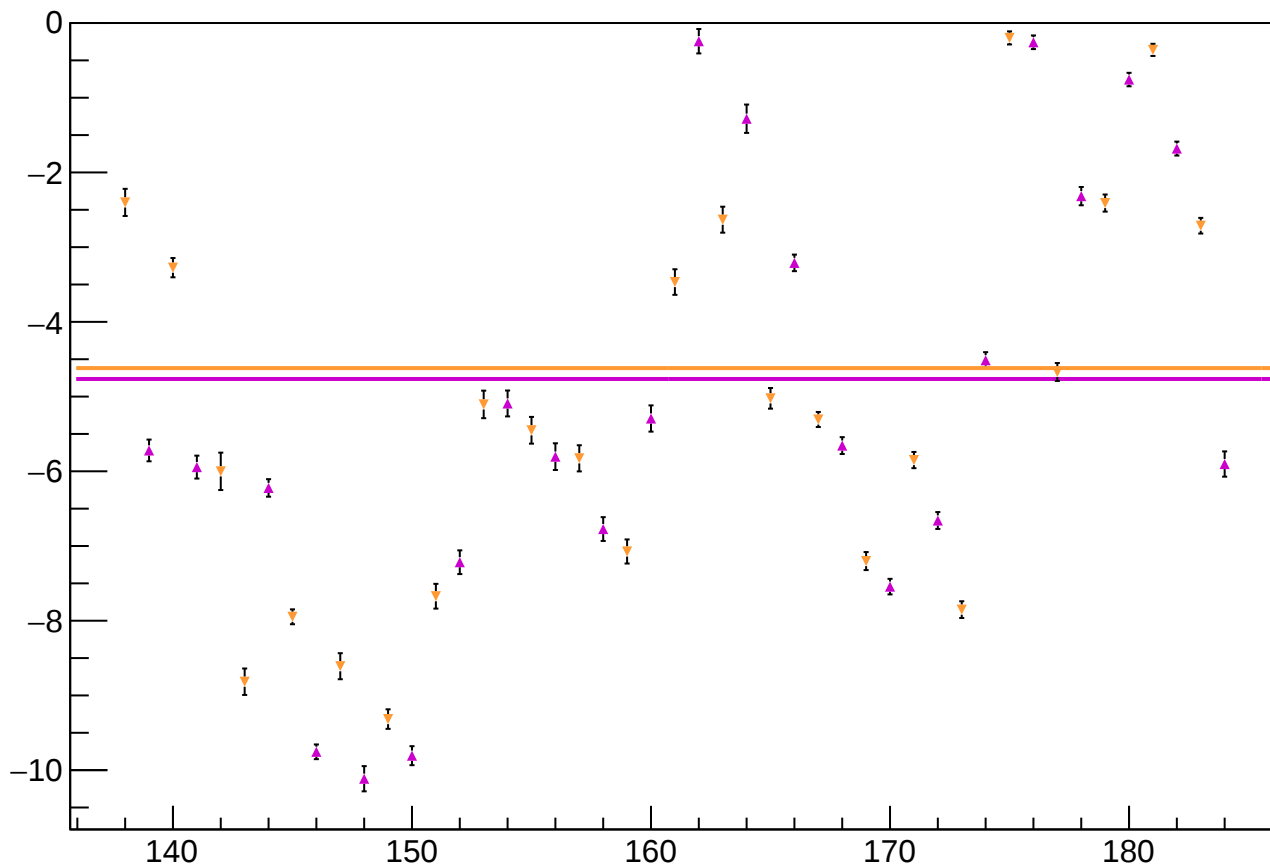
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.323+/-0.021 χ^2/NDF :12576.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

Left: -0.289+/-0.015 χ^2/NDF : 26744.2/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.255+/-0.021 χ^2/NDF :14162.0/22
 Out: -0.323+/-0.021 χ^2/NDF :12576.8/23

All: -0.289+/-0.015 χ^2/NDF : 26744.2/46

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



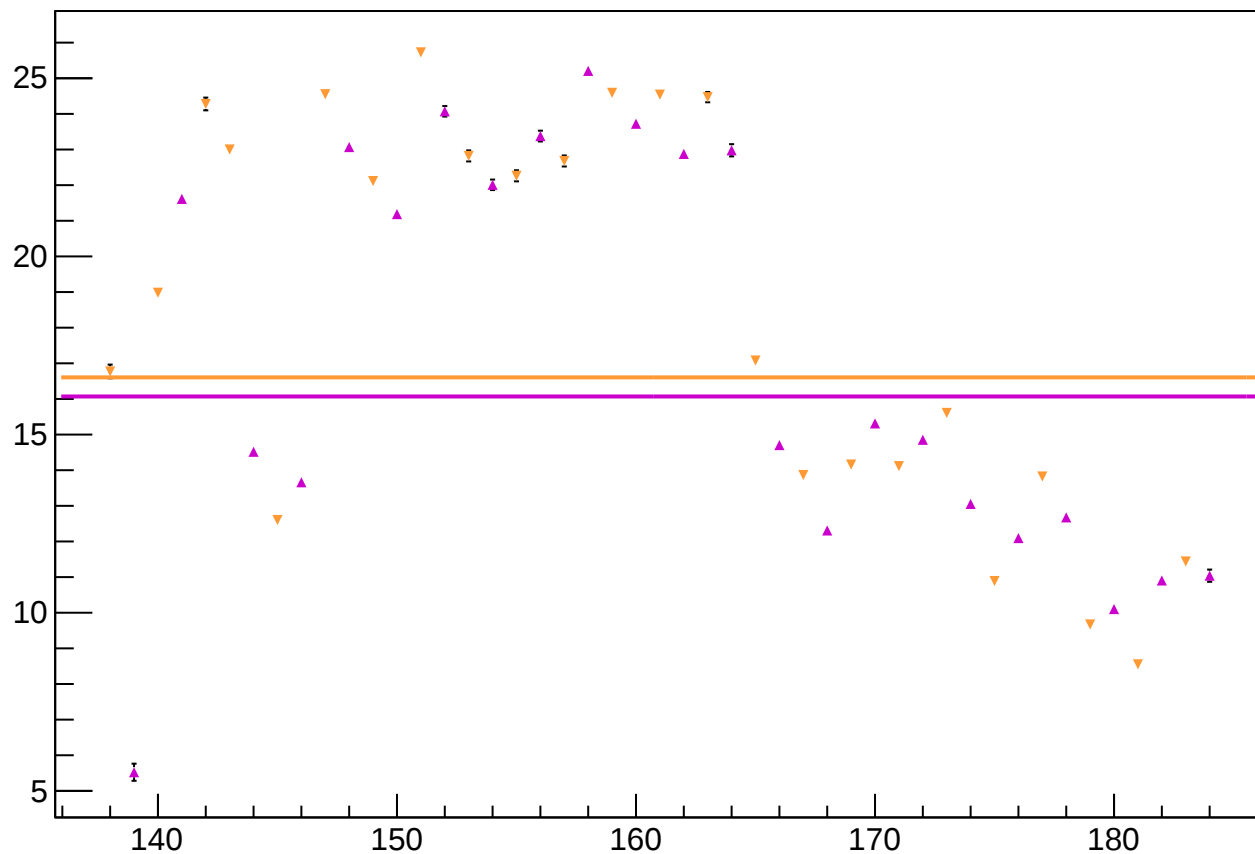
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22

Left: -4.692 $\pm$ 0.018 χ^2 /NDF: 26251.1/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.764 $\pm$ 0.026 χ^2 /NDF:14163.2/22
 Out: -4.619 $\pm$ 0.026 χ^2 /NDF:12072.2/23

All: -4.692 $\pm$ 0.018 χ^2 /NDF: 26251.1/46

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 16.605+/-0.023 χ^2/NDF :53683.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 16.069+/-0.023 χ^2/NDF :42736.3/22

Left: 16.338+/-0.017 χ^2/NDF : 96681.2/46

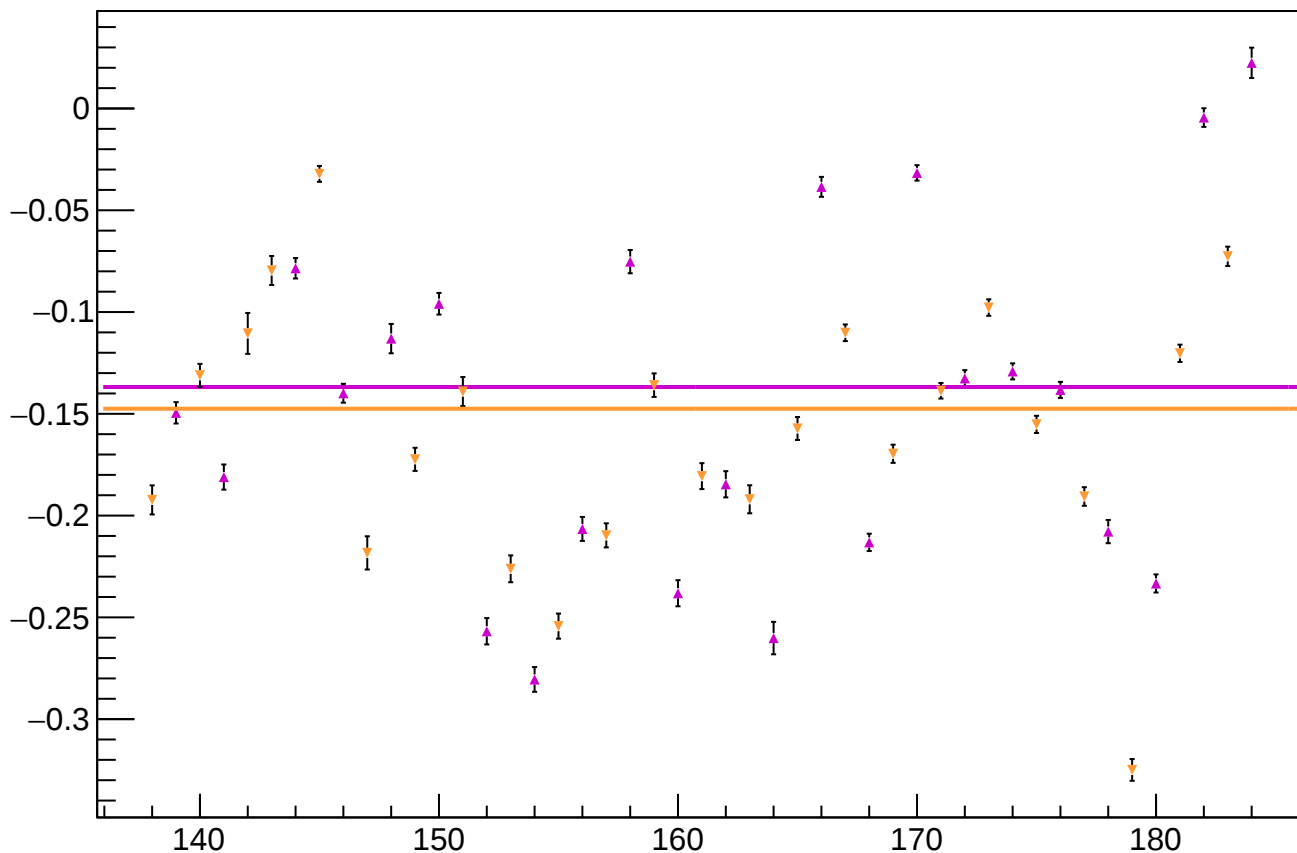
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.069+/-0.023 χ^2/NDF :42736.3/22

Out: 16.605+/-0.023 χ^2/NDF :53683.0/23

All: 16.338+/-0.017 χ^2/NDF : 96681.2/46

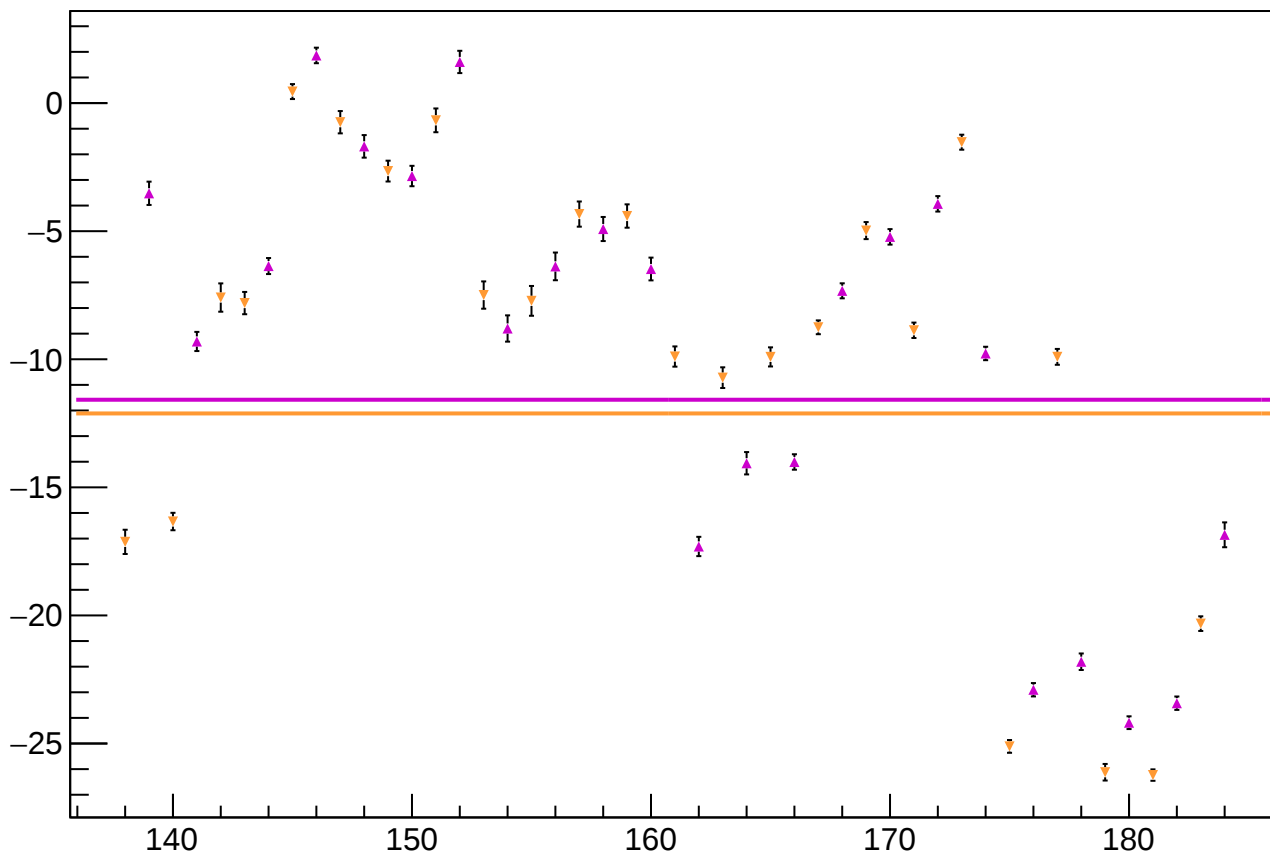
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22

Left: -0.142 $\pm$ 0.001 χ^2 /NDF: 8929.7/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22
 Out: -0.147 $\pm$ 0.001 χ^2 /NDF:3496.3/23
 All: -0.142 $\pm$ 0.001 χ^2 /NDF: 8929.7/46

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -12.115 $\pm$ 0.071 χ^2 /NDF:16366.2/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -11.580 $\pm$ 0.071 χ^2 /NDF:14243.6/22

Left: -11.848 $\pm$ 0.050 χ^2 /NDF: 30638.1/46

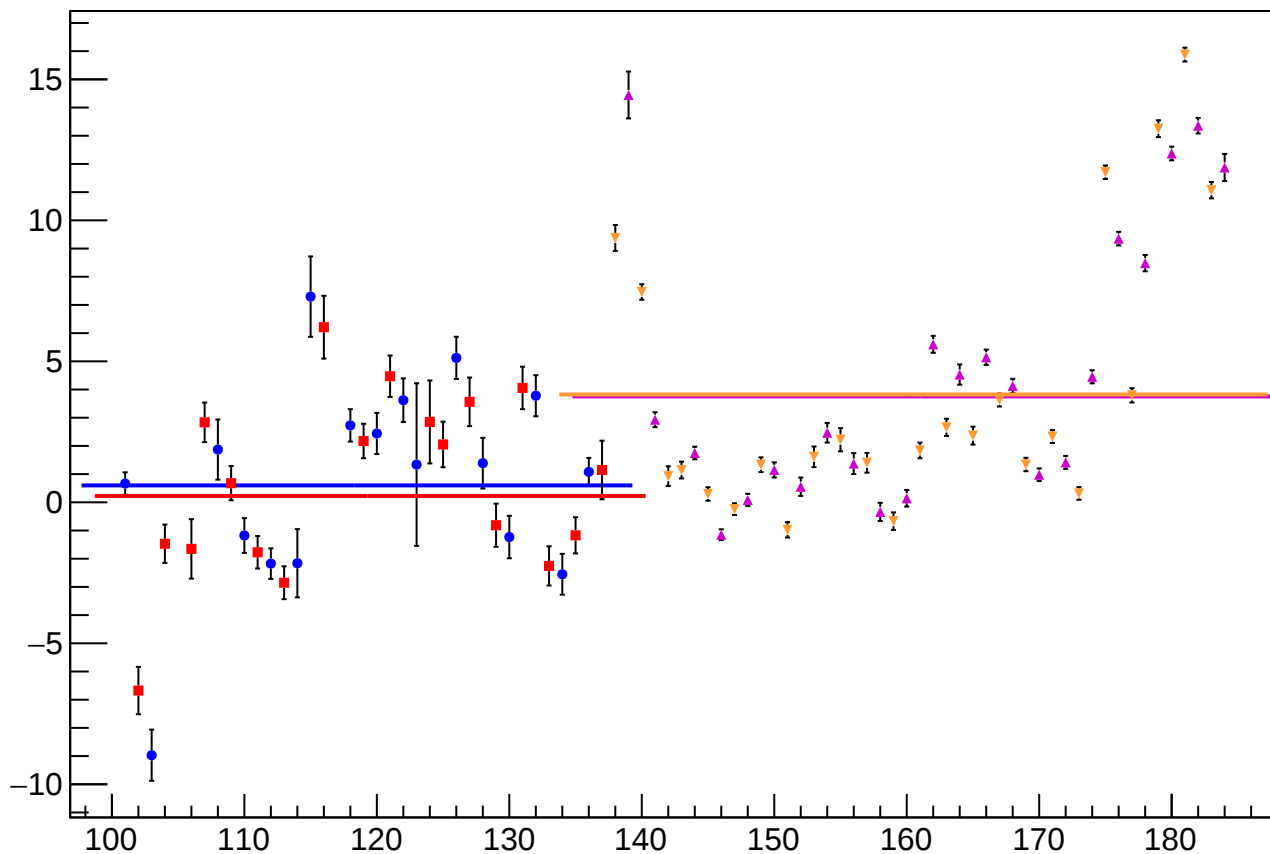
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.580 $\pm$ 0.071 χ^2 /NDF:14243.6/22

Out: -12.115 $\pm$ 0.071 χ^2 /NDF:16366.2/23

All: -11.848 $\pm$ 0.050 χ^2 /NDF: 30638.1/46

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 3.824 ± 0.056 χ^2/NDF : 7363.4/23

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 3.755 ± 0.056 χ^2/NDF : 5655.2/22

Left: 3.790 ± 0.040 χ^2/NDF : 13019.3/46

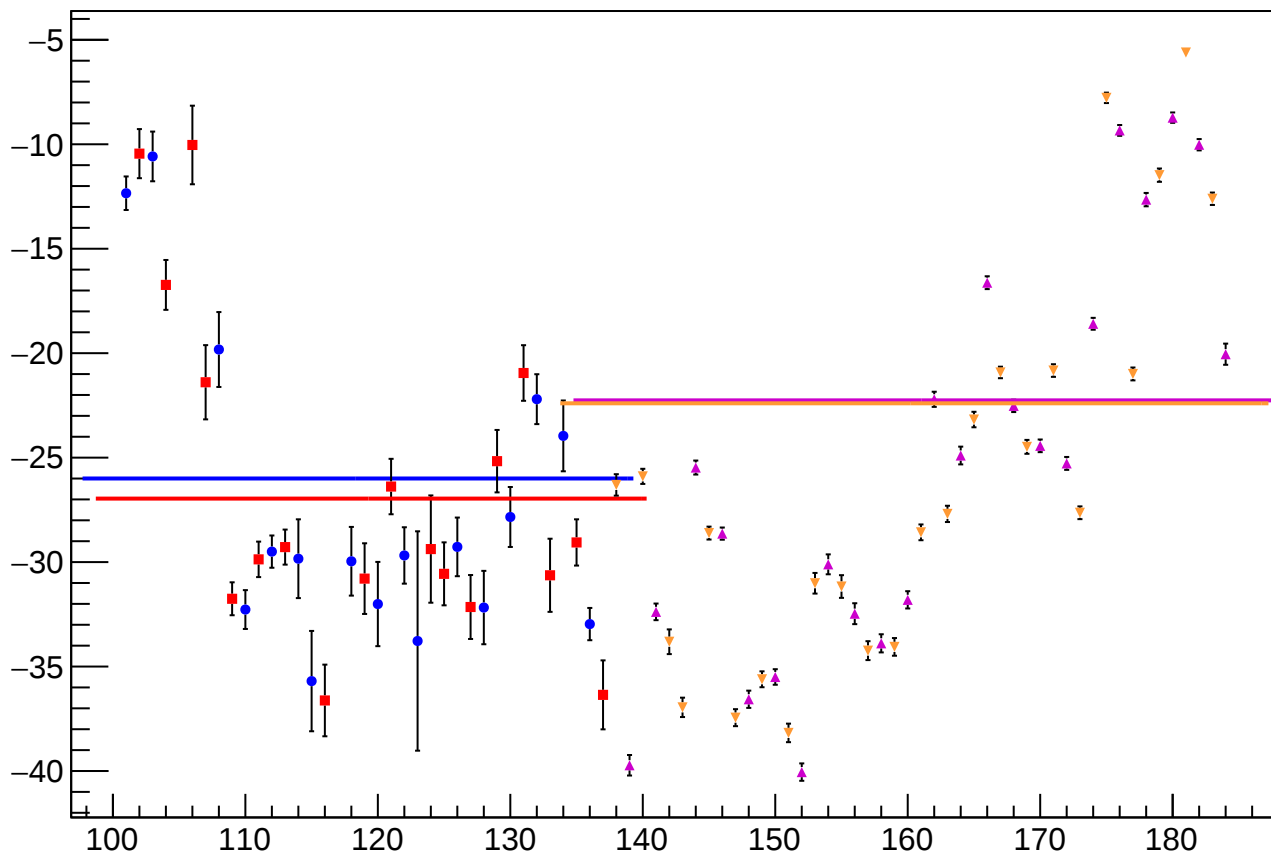
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 3.440 ± 0.054 χ^2/NDF : 6260.0/39

Out: 3.490 ± 0.053 χ^2/NDF : 8021.3/41

All: 3.465 ± 0.038 χ^2/NDF : 14281.7/81

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -22.400 ± 0.071 χ^2/NDF : 19551.3/23

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

Left: -22.329 ± 0.050 χ^2/NDF : 37391.6/46

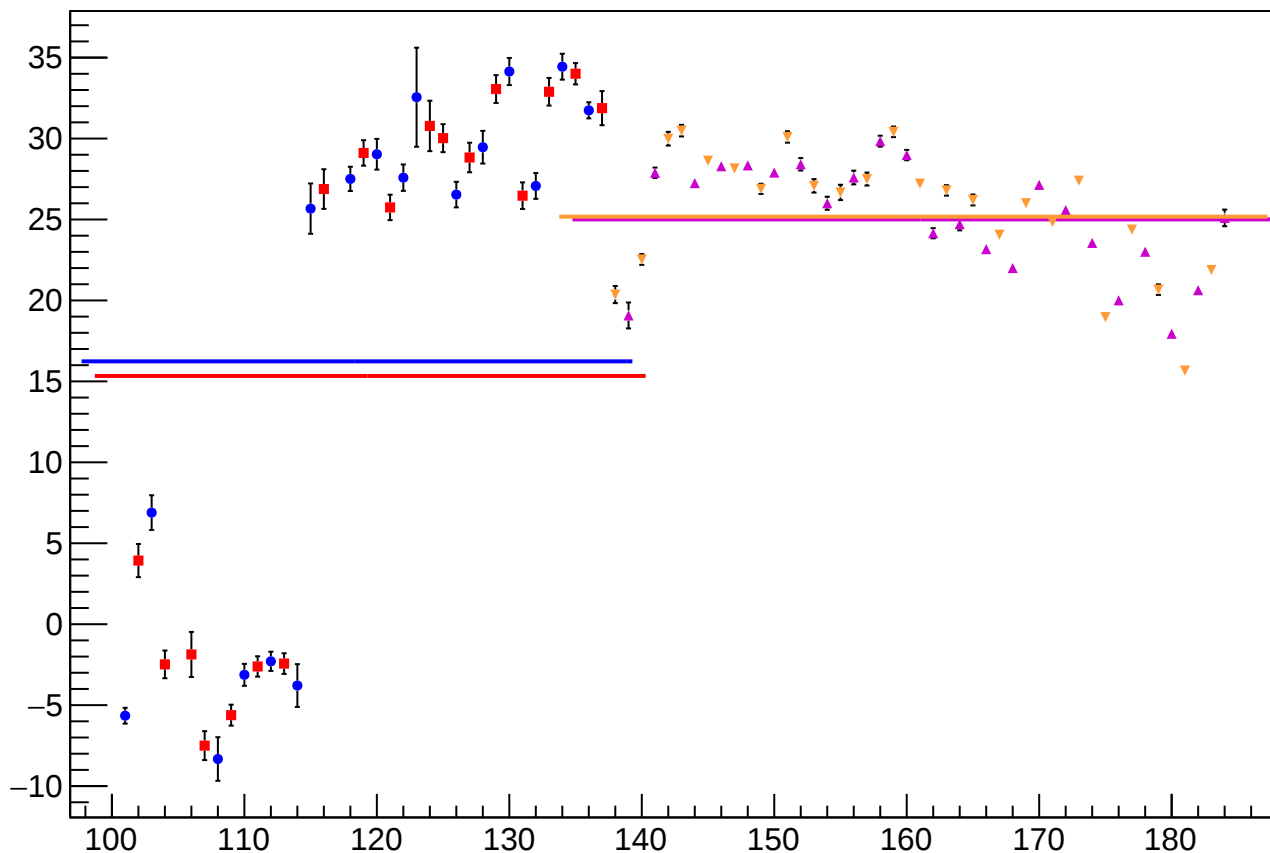
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -22.458 ± 0.069 χ^2/NDF : 18678.0/39

Out: -22.647 ± 0.069 χ^2/NDF : 20307.9/41

All: -22.552 ± 0.049 χ^2/NDF : 38989.5/81

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.175 $\pm$ 0.063 χ^2 /NDF:3729.6/23

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 25.005 $\pm$ 0.064 χ^2 /NDF:2733.7/22

Left: 25.091 $\pm$ 0.045 χ^2 /NDF: 6466.8/46

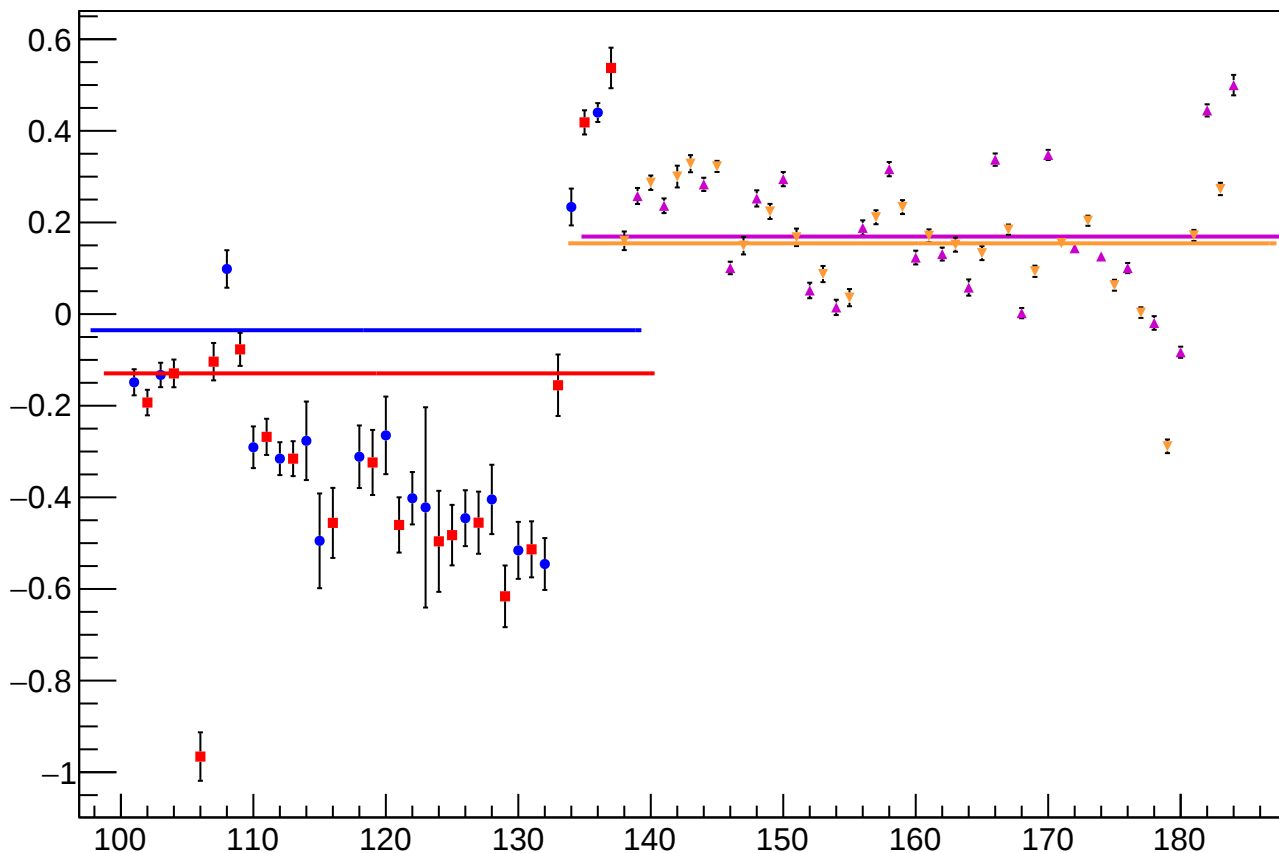
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.133 $\pm$ 0.060 χ^2 /NDF:12203.6/39

Out: 24.259 $\pm$ 0.060 χ^2 /NDF:13248.4/41

All: 24.196 $\pm$ 0.043 χ^2 /NDF: 25454.3/81

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.154 ± 0.003 χ^2/NDF : 1744.7/23

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.169 ± 0.003 χ^2/NDF : 2430.7/22

Left: 0.162 ± 0.002 χ^2/NDF : 4188.3/46

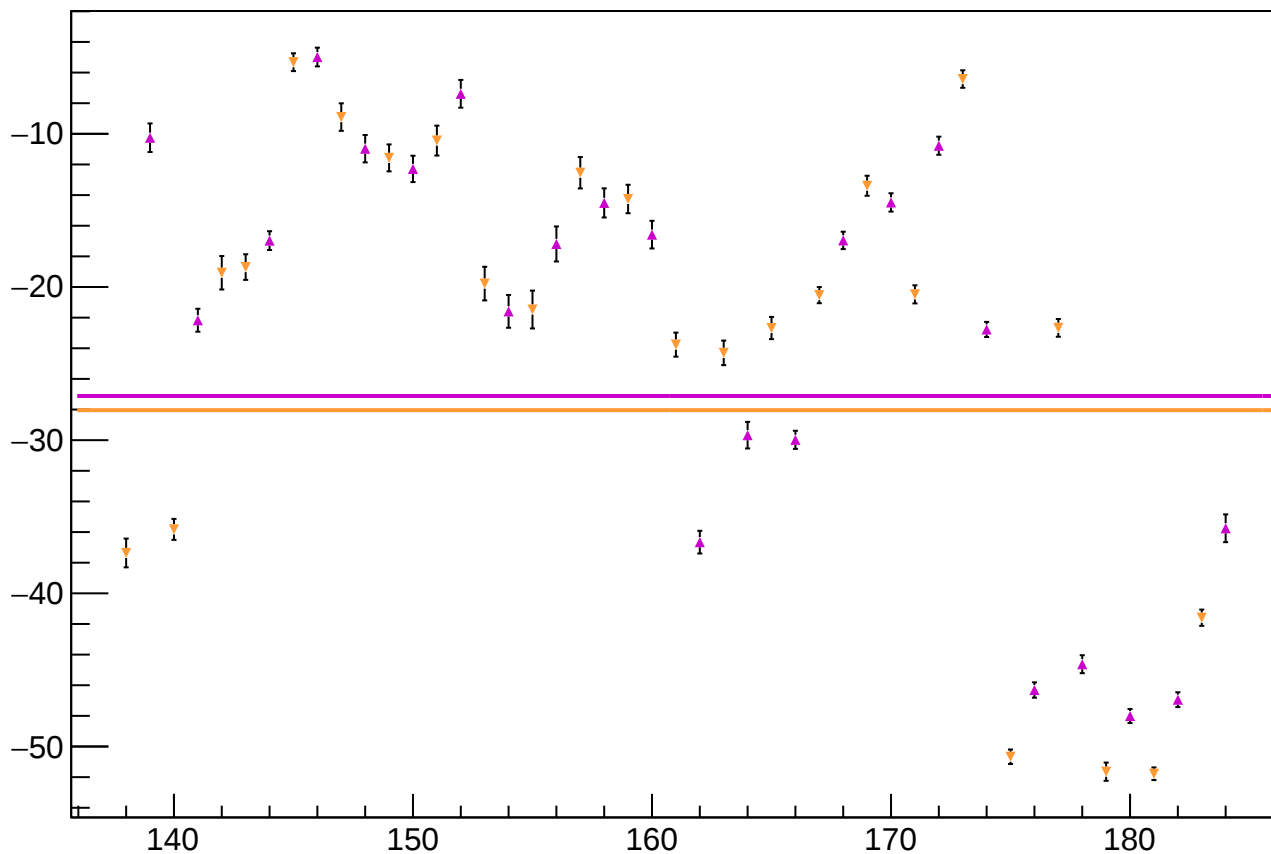
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.154 ± 0.003 χ^2/NDF : 3807.7/39

Out: 0.134 ± 0.003 χ^2/NDF : 3598.4/41

All: 0.144 ± 0.002 χ^2/NDF : 7432.5/81

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Left: -27.579+/-0.098 χ^2/NDF : 25371.7/46

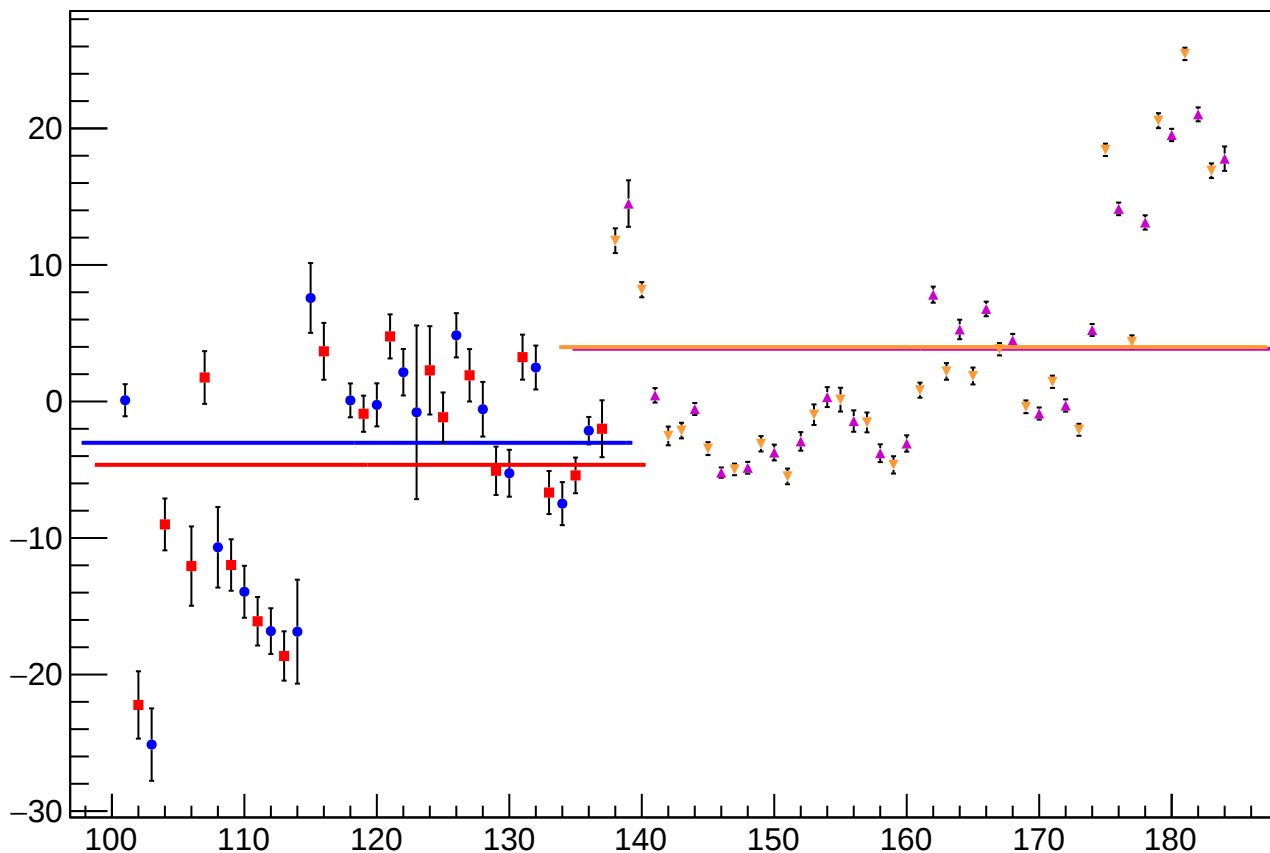
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.114+/-0.139 χ^2/NDF :11443.8/22

Out: -28.041+/-0.138 χ^2/NDF :13905.6/23

All: -27.579+/-0.098 χ^2/NDF : 25371.7/46

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.985 ± 0.110 χ^2/NDF : 6846.0/23

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: 3.861 ± 0.111 χ^2/NDF : 5438.4/22

Left: 3.923 ± 0.078 χ^2/NDF : 12285.1/46

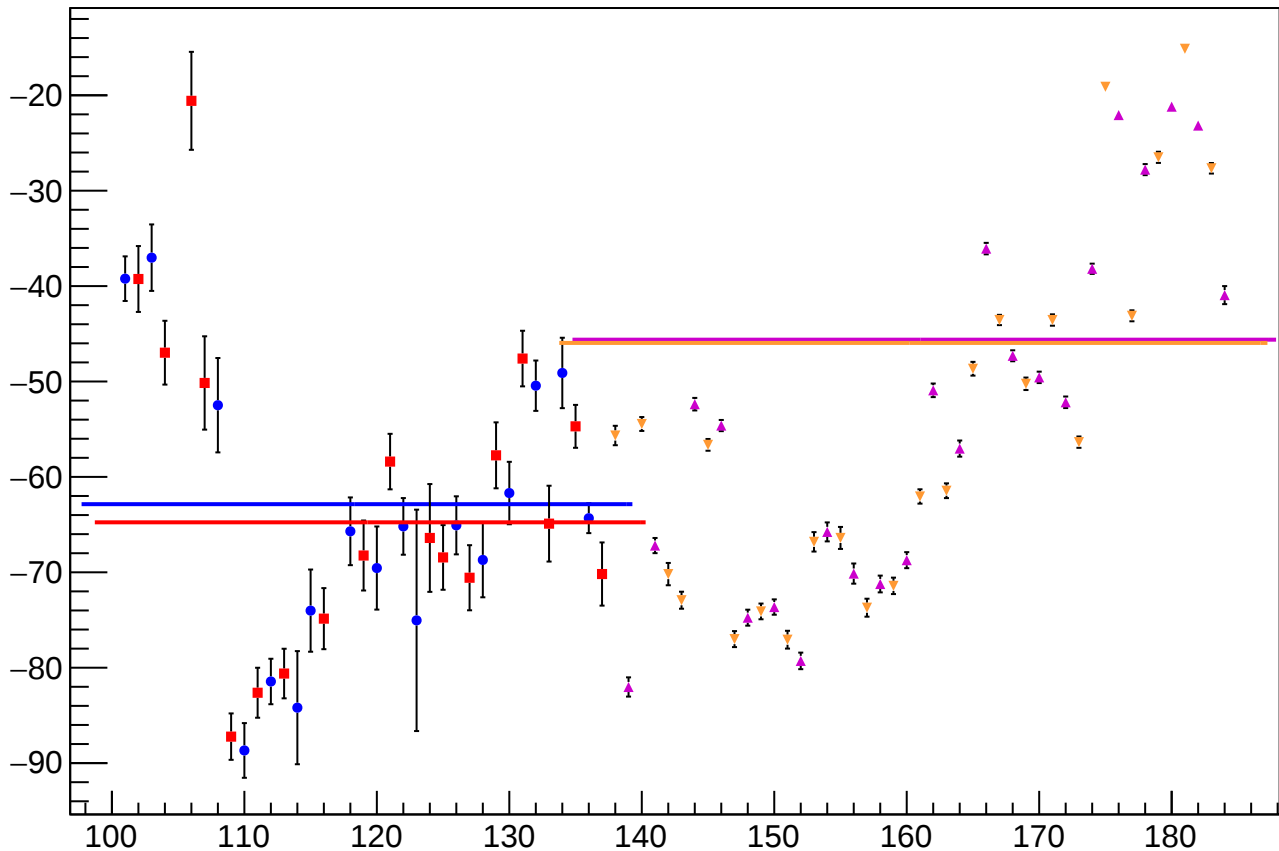
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: 3.388 ± 0.107 χ^2/NDF : 5984.3/39

Out: 3.446 ± 0.107 χ^2/NDF : 7524.1/41

All: 3.417 ± 0.076 χ^2/NDF : 13508.6/81

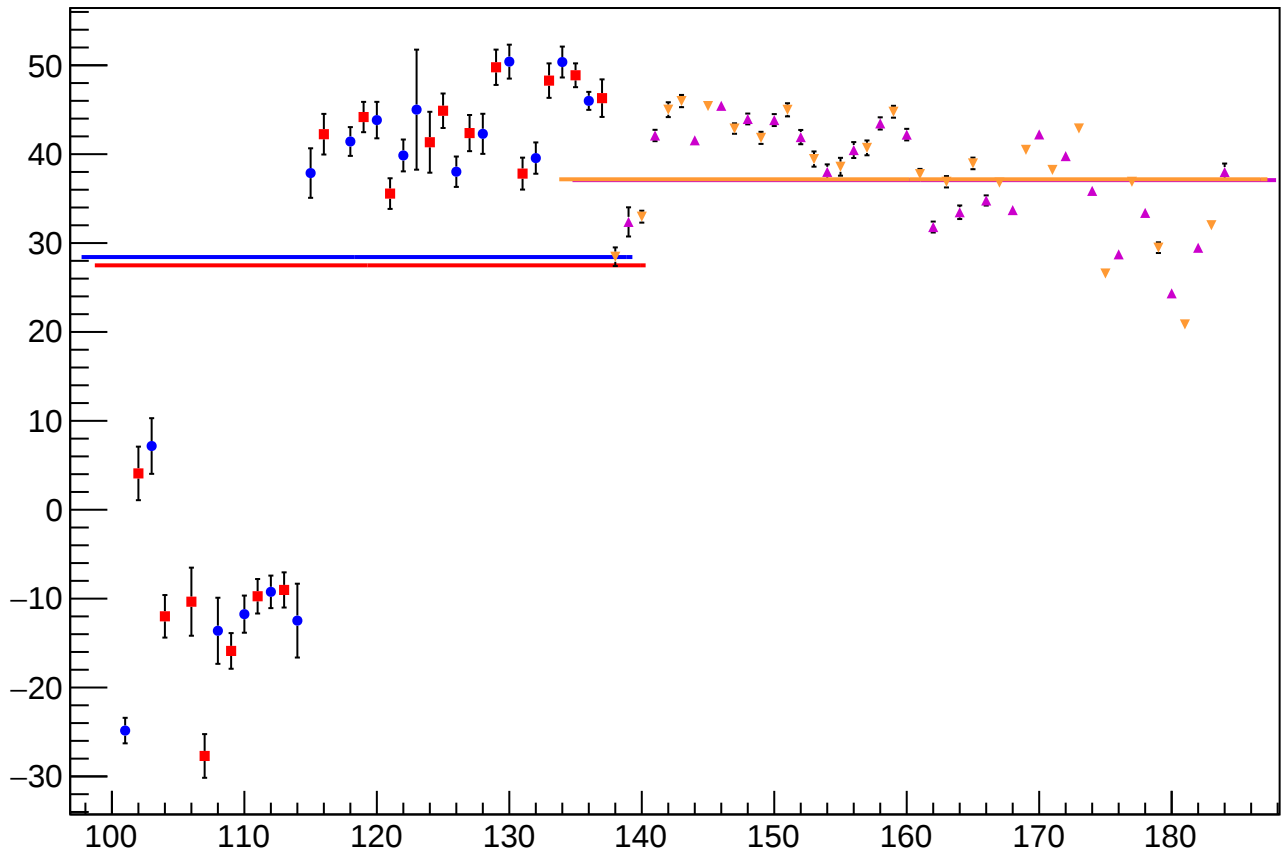
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16
 Left Out: -45.958 ± 0.139 χ^2/NDF : 19825.8/23
 Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17
 Left In: -45.616 ± 0.139 χ^2/NDF : 17743.8/22

Left: -45.787 ± 0.098 χ^2/NDF : 37572.6/46
 Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34
 In: -46.207 ± 0.137 χ^2/NDF : 18637.2/39
 Out: -46.580 ± 0.137 χ^2/NDF : 20845.0/41
 All: -46.393 ± 0.097 χ^2/NDF : 39485.9/81

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.173 $\pm$ 0.124 χ^2 /NDF:3058.6/23

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

Left: 37.126 $\pm$ 0.088 χ^2 /NDF: 5464.2/46

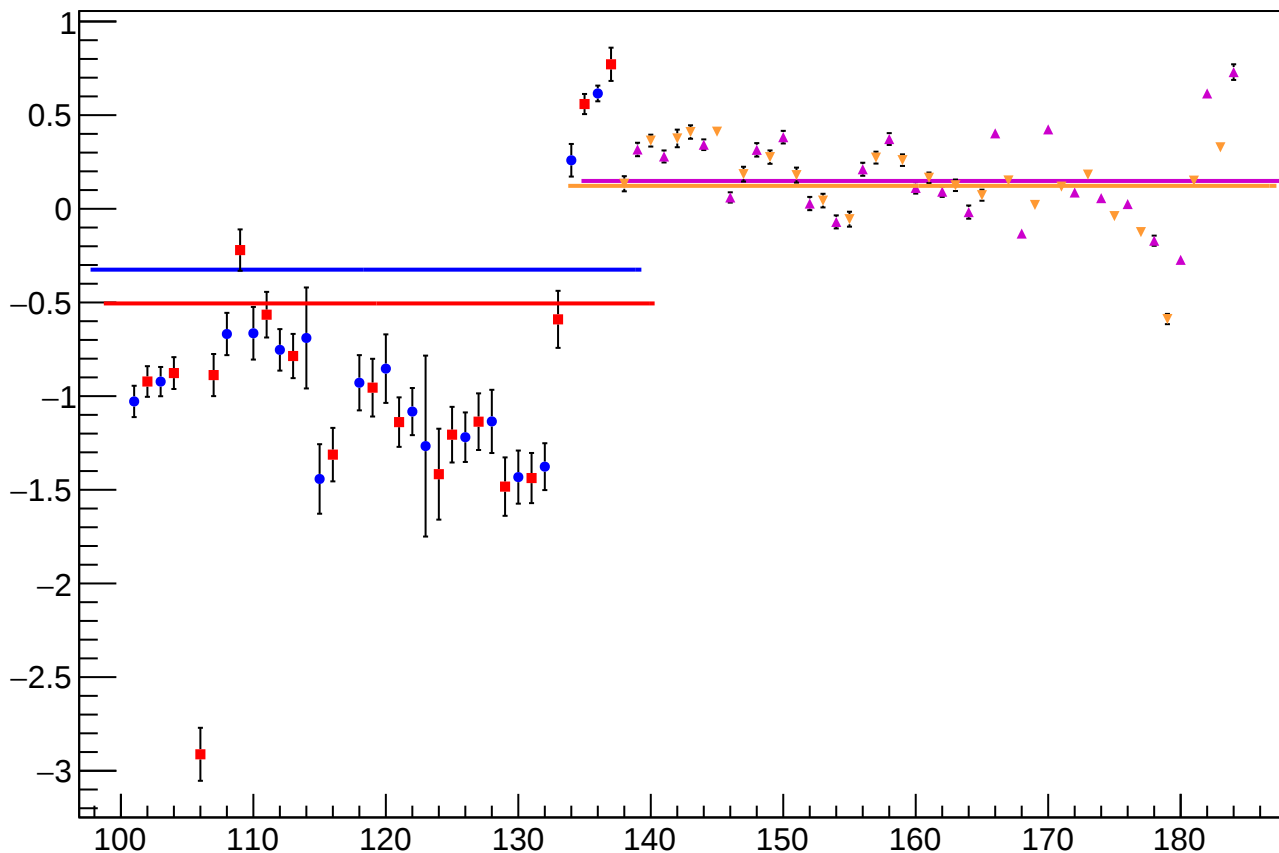
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 36.482 $\pm$ 0.120 χ^2 /NDF:6060.4/39

Out: 36.564 $\pm$ 0.120 χ^2 /NDF:6469.5/41

All: 36.523 $\pm$ 0.085 χ^2 /NDF: 12530.1/81

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.122 ± 0.006 χ^2/NDF : 1337.8/23

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

Left: 0.136 ± 0.004 χ^2/NDF : 3162.0/46

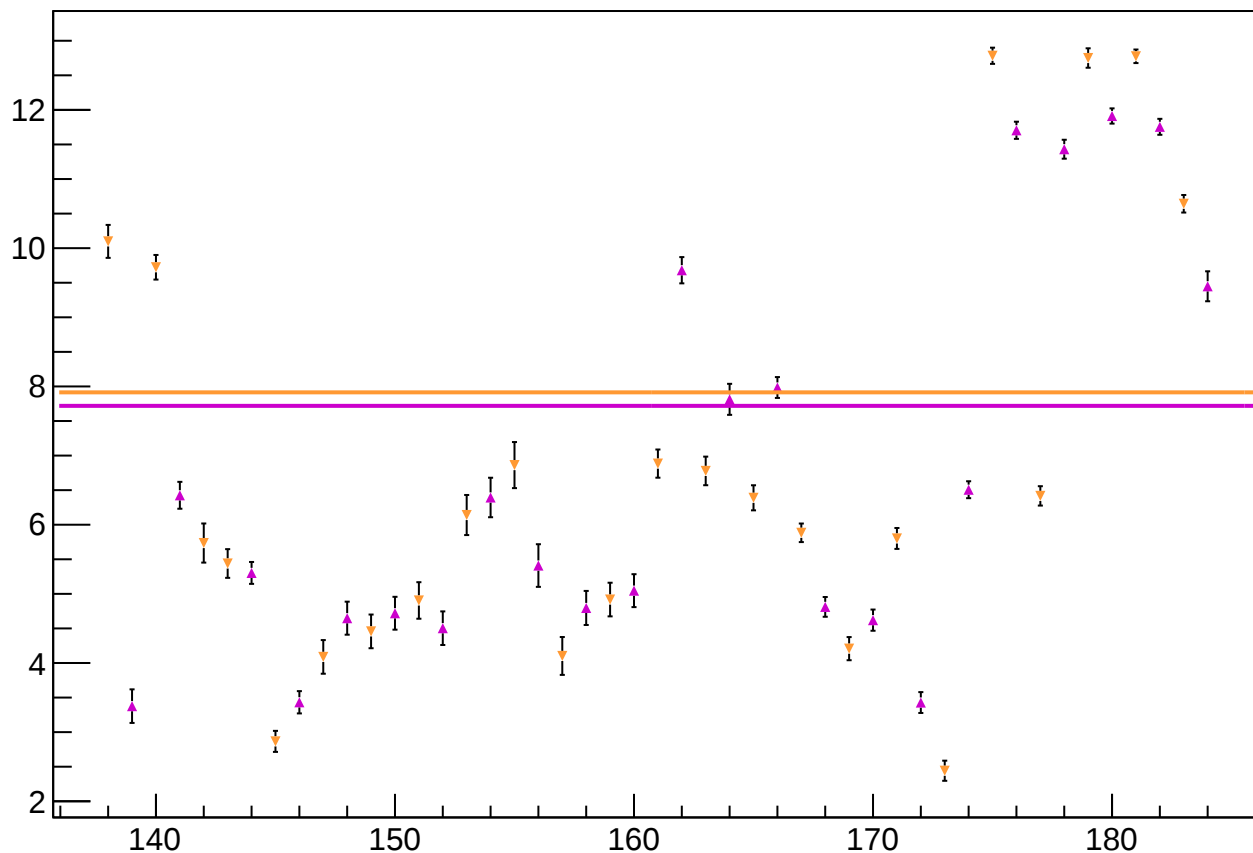
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.125 ± 0.006 χ^2/NDF : 3168.7/39

Out: 0.093 ± 0.006 χ^2/NDF : 3066.7/41

All: 0.109 ± 0.004 χ^2/NDF : 6251.9/81

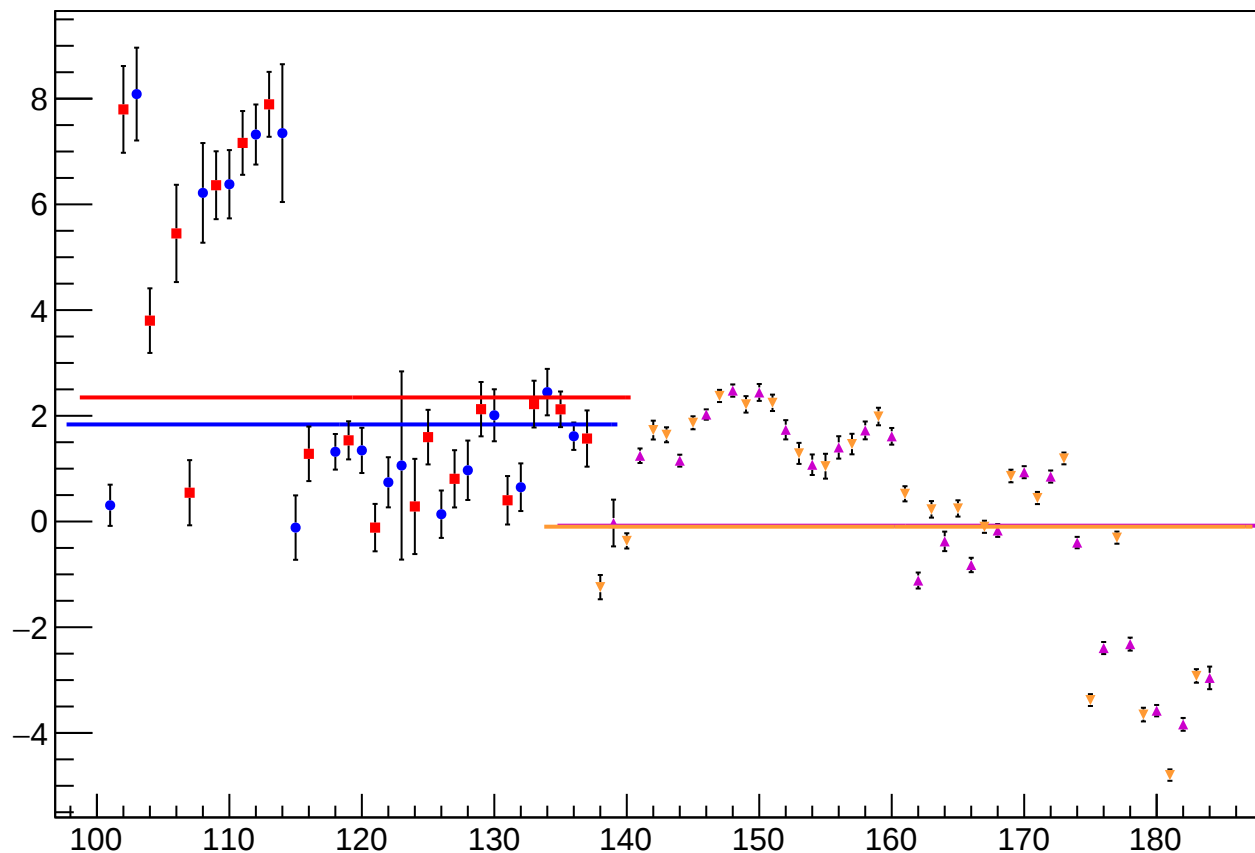
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22

Left: 7.817 $\pm$ 0.025 χ^2 /NDF: 19367.3/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 7.719 $\pm$ 0.035 χ^2 /NDF:8490.5/22
 Out: 7.915 $\pm$ 0.035 χ^2 /NDF:10861.1/23
 All: 7.817 $\pm$ 0.025 χ^2 /NDF: 19367.3/46

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.098 ± 0.028 $\chi^2/\text{NDF}: 5974.4/23$

Right Out: 2.347 ± 0.123 $\chi^2/\text{NDF}: 329.8/17$

Left In: -0.079 ± 0.028 $\chi^2/\text{NDF}: 4989.1/22$

Left: -0.088 ± 0.020 $\chi^2/\text{NDF}: 10963.8/46$

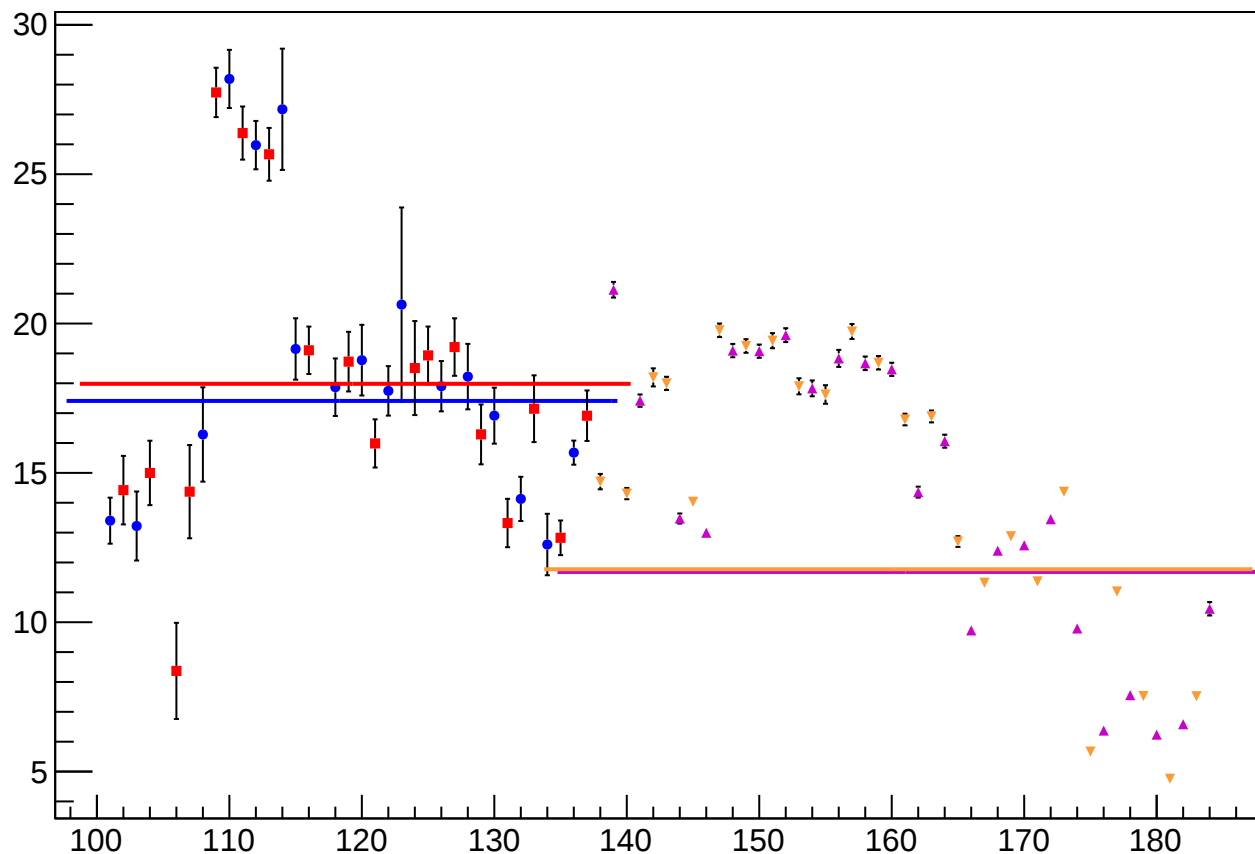
Right: 2.078 ± 0.084 $\chi^2/\text{NDF}: 633.0/34$

In: 0.027 ± 0.027 $\chi^2/\text{NDF}: 5540.0/39$

Out: 0.024 ± 0.027 $\chi^2/\text{NDF}: 6682.5/41$

All: 0.026 ± 0.019 $\chi^2/\text{NDF}: 12222.5/81$

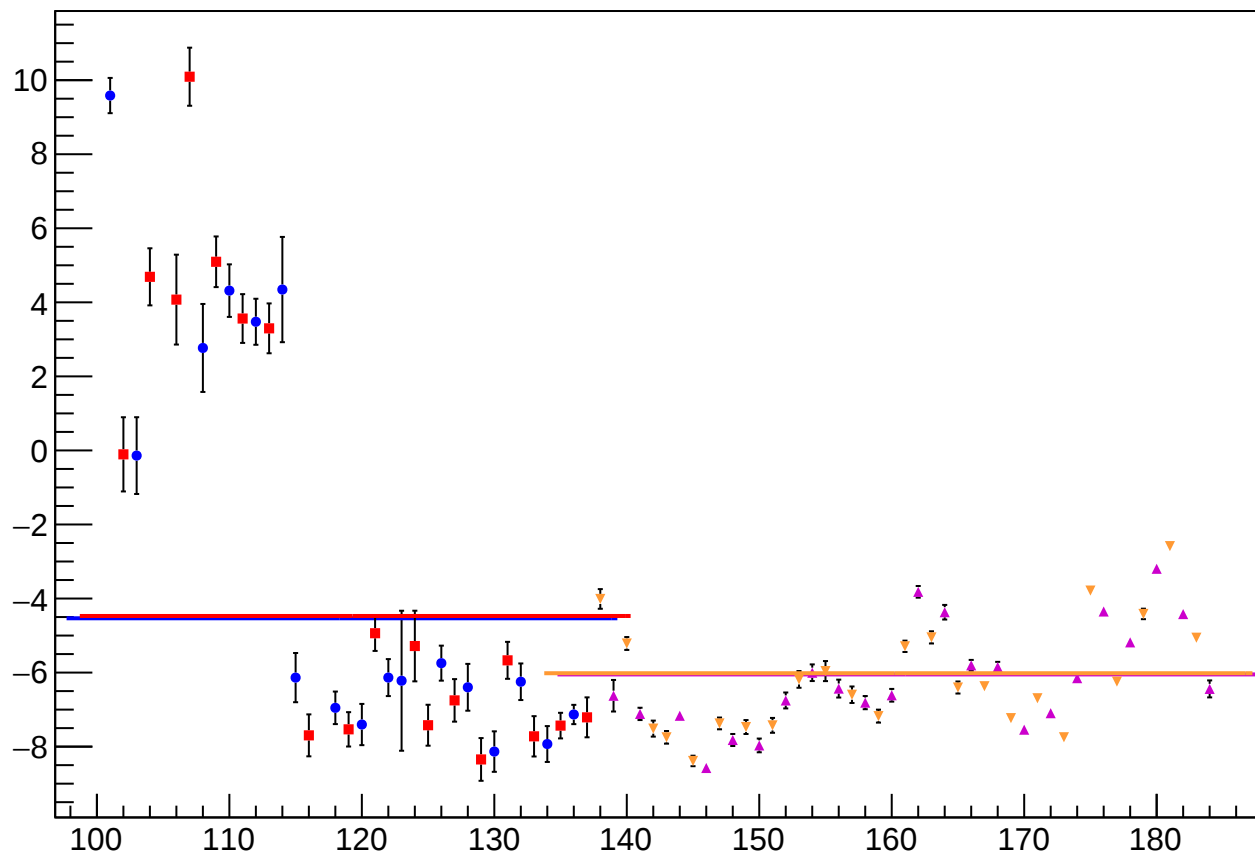
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16
 Left Out: 11.773 $\pm$ 0.035 χ^2 /NDF:18929.8/23
 Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17
 Left In: 11.683 $\pm$ 0.035 χ^2 /NDF:16927.3/22

Left: 11.728 $\pm$ 0.025 χ^2 /NDF: 35860.4/46
 Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34
 In: 11.836 $\pm$ 0.035 χ^2 /NDF:18002.7/39
 Out: 11.928 $\pm$ 0.035 χ^2 /NDF:20202.2/41
 All: 11.882 $\pm$ 0.024 χ^2 /NDF: 38208.5/81

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.017 ± 0.031 χ^2/NDF : 2547.3/23

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

Left: -6.033 ± 0.022 χ^2/NDF : 4851.1/46

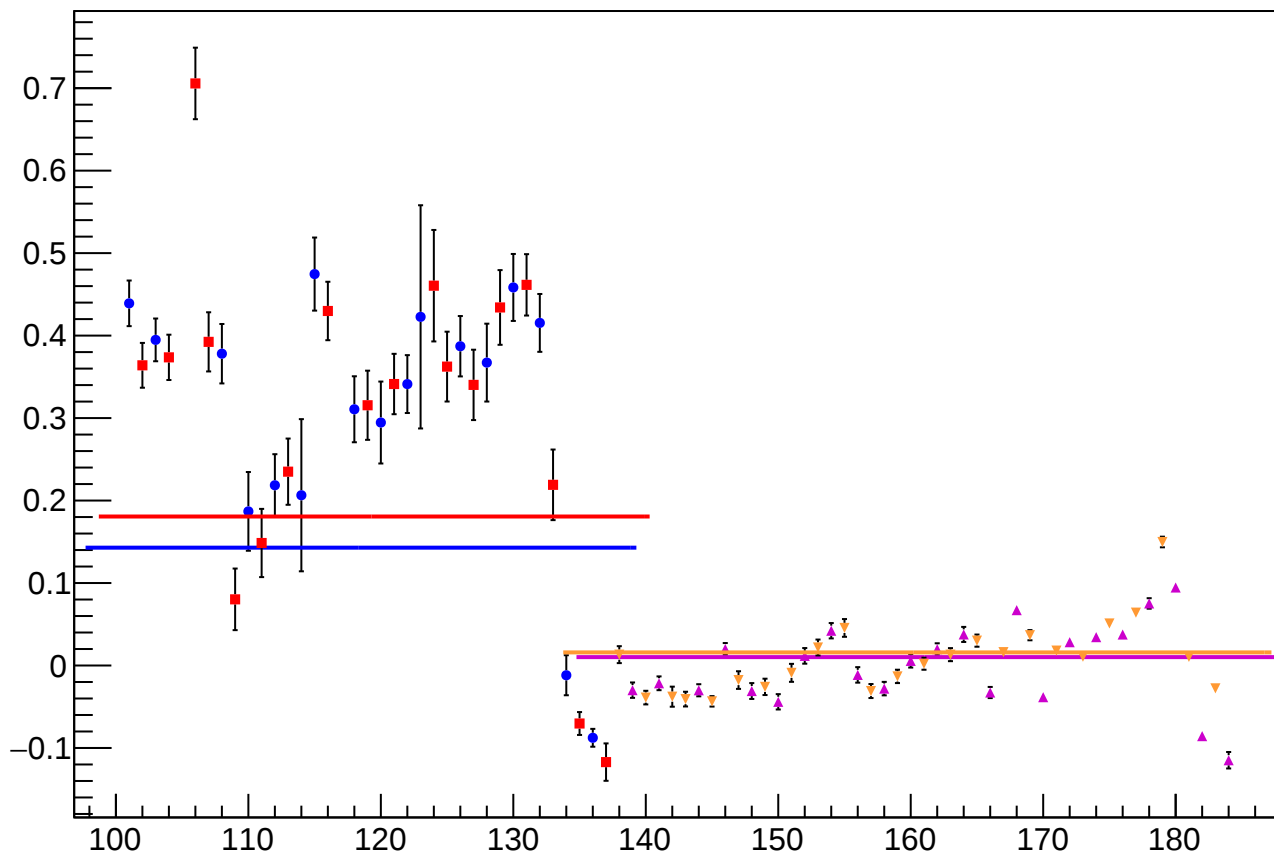
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -5.965 ± 0.031 χ^2/NDF : 4020.8/39

Out: -5.940 ± 0.031 χ^2/NDF : 4007.7/41

All: -5.952 ± 0.022 χ^2/NDF : 8028.9/81

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.016 $\pm$ 0.001 χ^2 /NDF:901.4/23

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:1224.5/22

Left: 0.013 $\pm$ 0.001 χ^2 /NDF: 2133.8/46

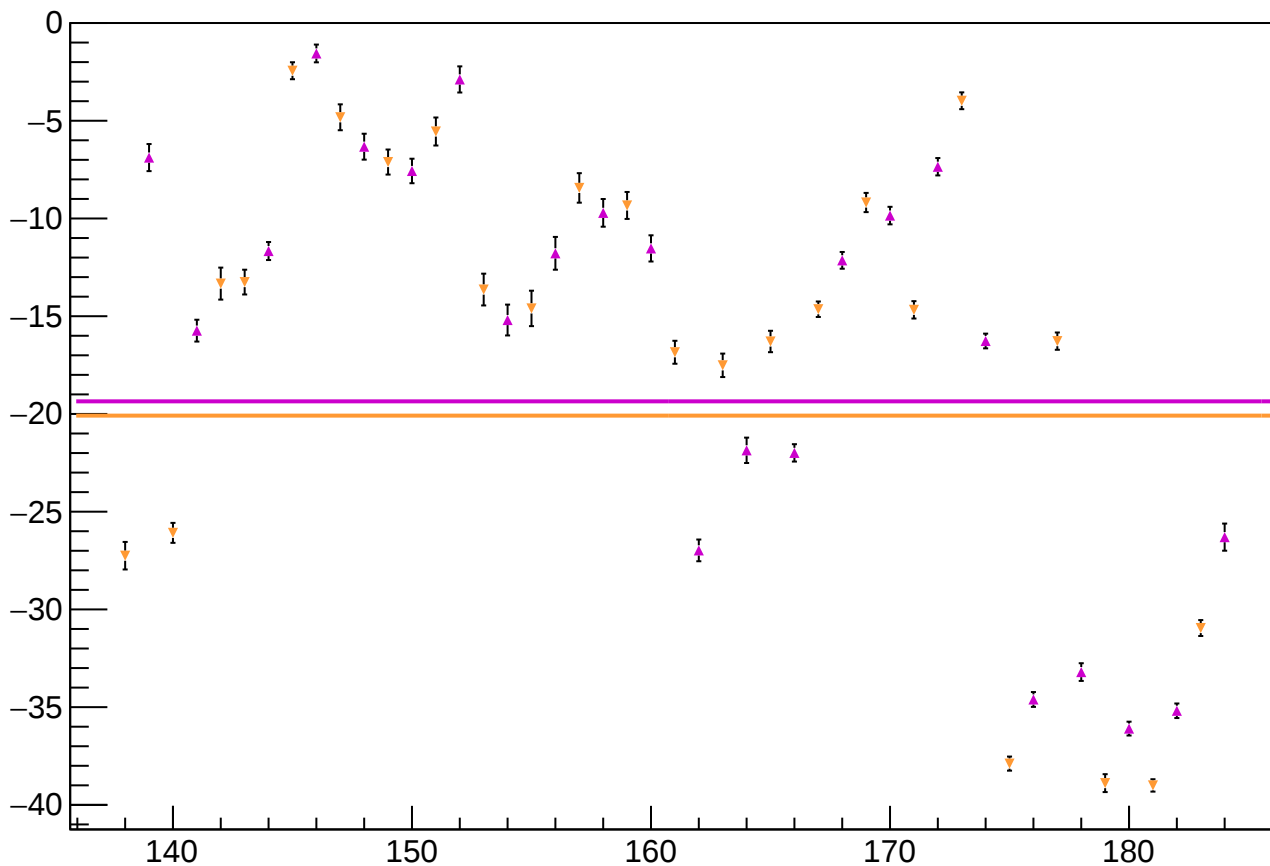
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.016 $\pm$ 0.001 χ^2 /NDF:2623.0/39

Out: 0.022 $\pm$ 0.001 χ^2 /NDF:2382.2/41

All: 0.019 $\pm$ 0.001 χ^2 /NDF: 5015.5/81

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -20.086+/-0.104 χ^2/NDF :14809.8/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.355+/-0.105 χ^2/NDF :12417.1/22

Left: -19.721+/-0.074 χ^2/NDF : 27251.3/46

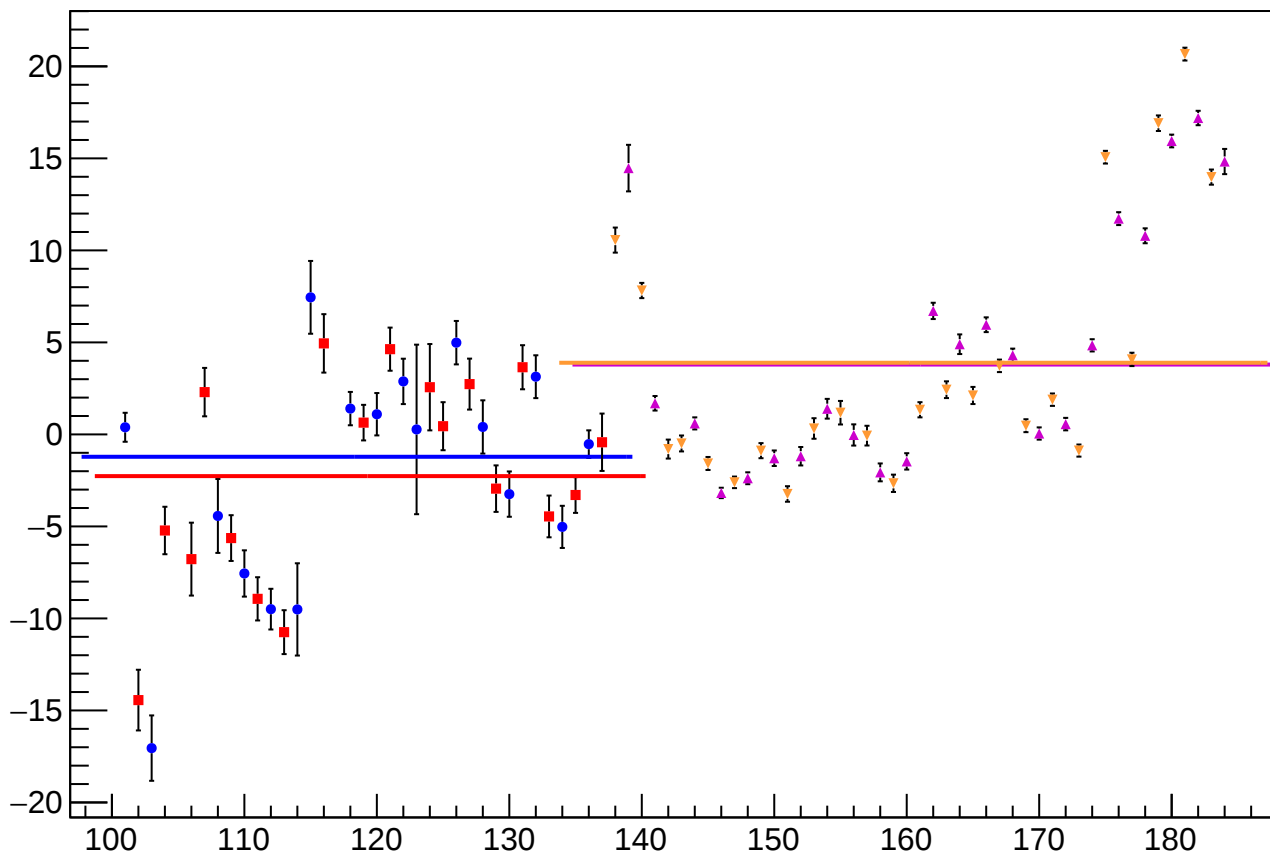
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.355+/-0.105 χ^2/NDF :12417.1/22

Out: -20.086+/-0.104 χ^2/NDF :14809.8/23

All: -19.721+/-0.074 χ^2/NDF : 27251.3/46

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 0.290 χ^2 /NDF: 278.7/16

Left Out: 3.894 $\pm$ 0.083 χ^2 /NDF: 7059.1/23

Right Out: -2.267 $\pm$ 0.302 χ^2 /NDF: 283.9/17

Left In: 3.795 $\pm$ 0.083 χ^2 /NDF: 5534.4/22

Left: 3.845 $\pm$ 0.059 χ^2 /NDF: 12594.1/46

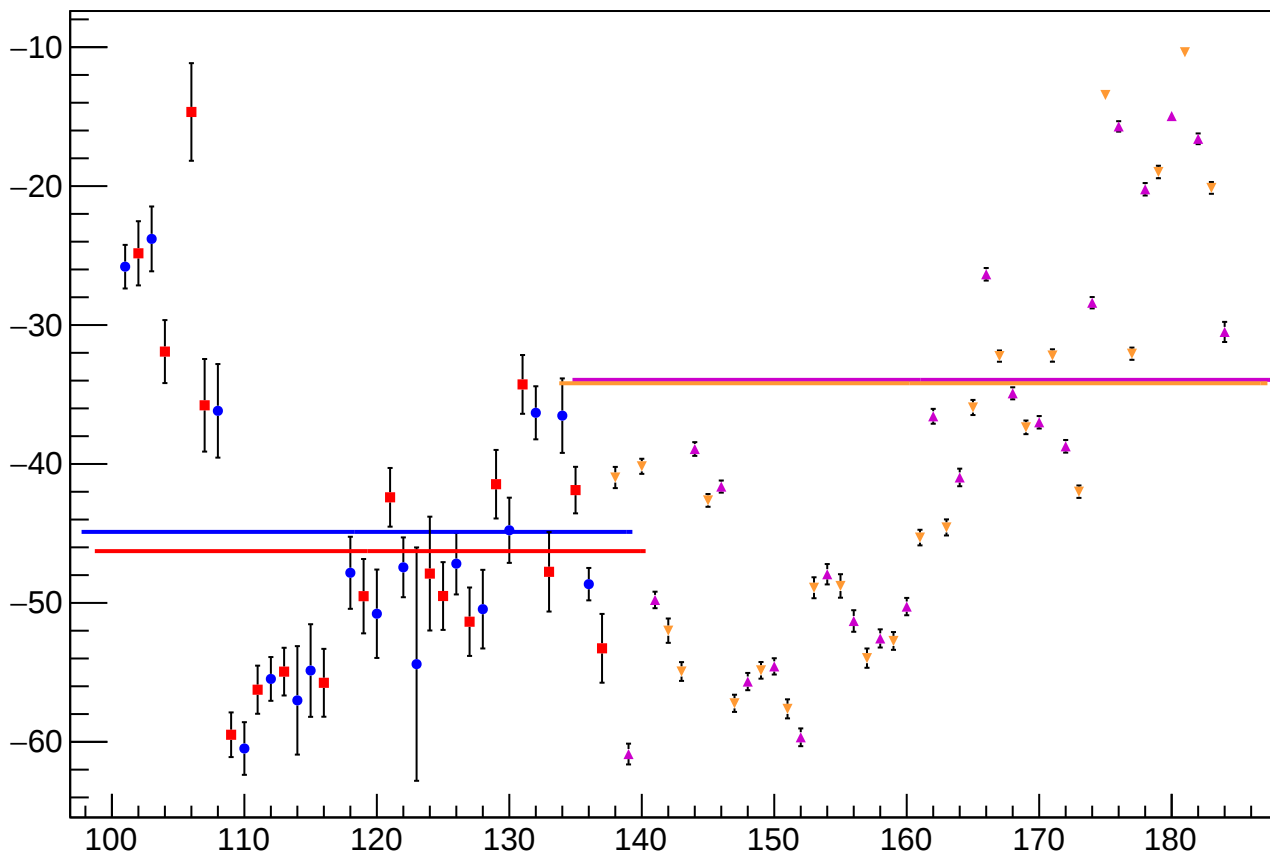
Right: -1.720 $\pm$ 0.209 χ^2 /NDF: 568.9/34

In: 3.414 $\pm$ 0.080 χ^2 /NDF: 6088.2/39

Out: 3.465 $\pm$ 0.080 χ^2 /NDF: 7728.9/41

All: 3.439 $\pm$ 0.057 χ^2 /NDF: 13817.3/81

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -34.191 ± 0.105 χ^2/NDF : 19861.2/23

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -33.946 ± 0.105 χ^2/NDF : 17855.4/22

Left: -34.068 ± 0.074 χ^2/NDF : 37719.3/46

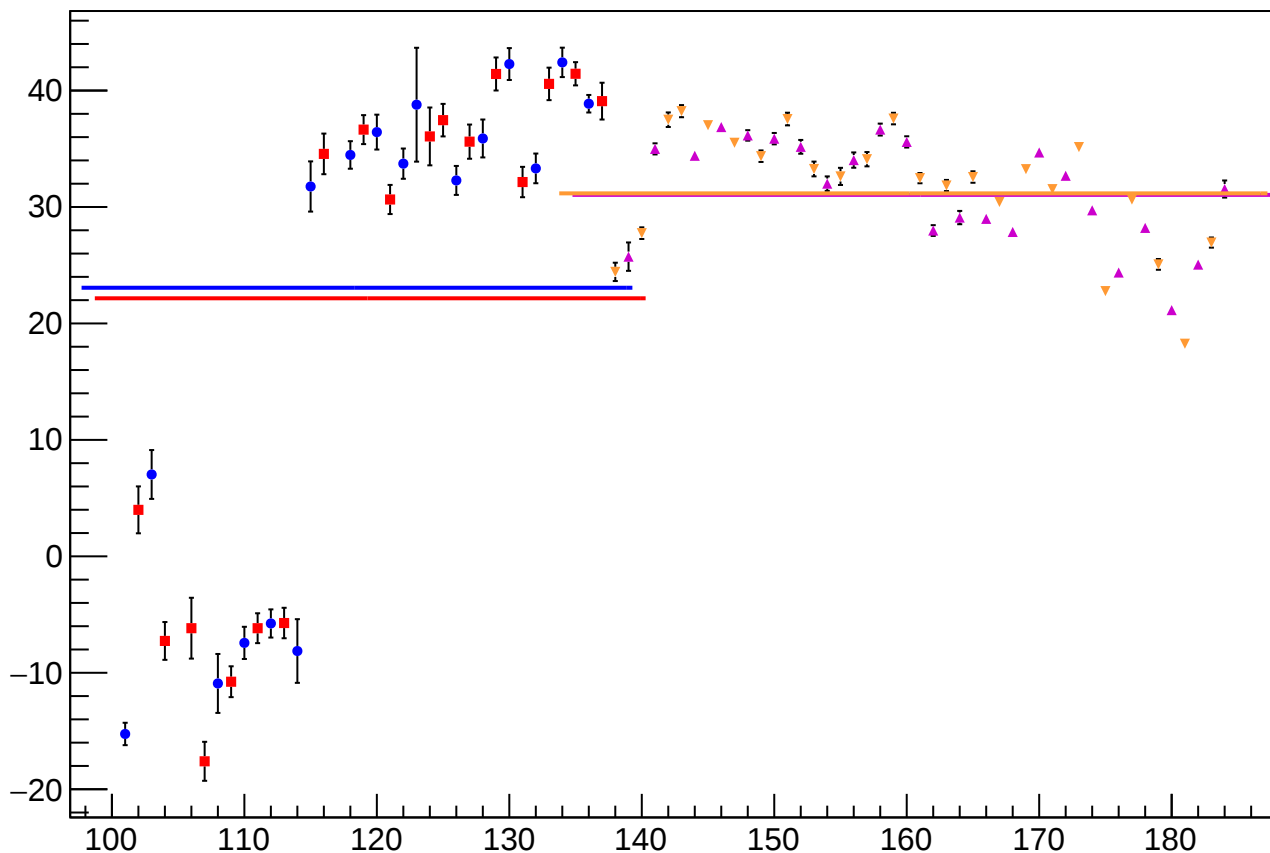
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -34.368 ± 0.103 χ^2/NDF : 18696.2/39

Out: -34.648 ± 0.103 χ^2/NDF : 20782.6/41

All: -34.508 ± 0.073 χ^2/NDF : 39482.4/81

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.170 $\pm$ 0.093 χ^2 /NDF:3266.9/23

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

Left: 31.105 $\pm$ 0.066 χ^2 /NDF: 5756.5/46

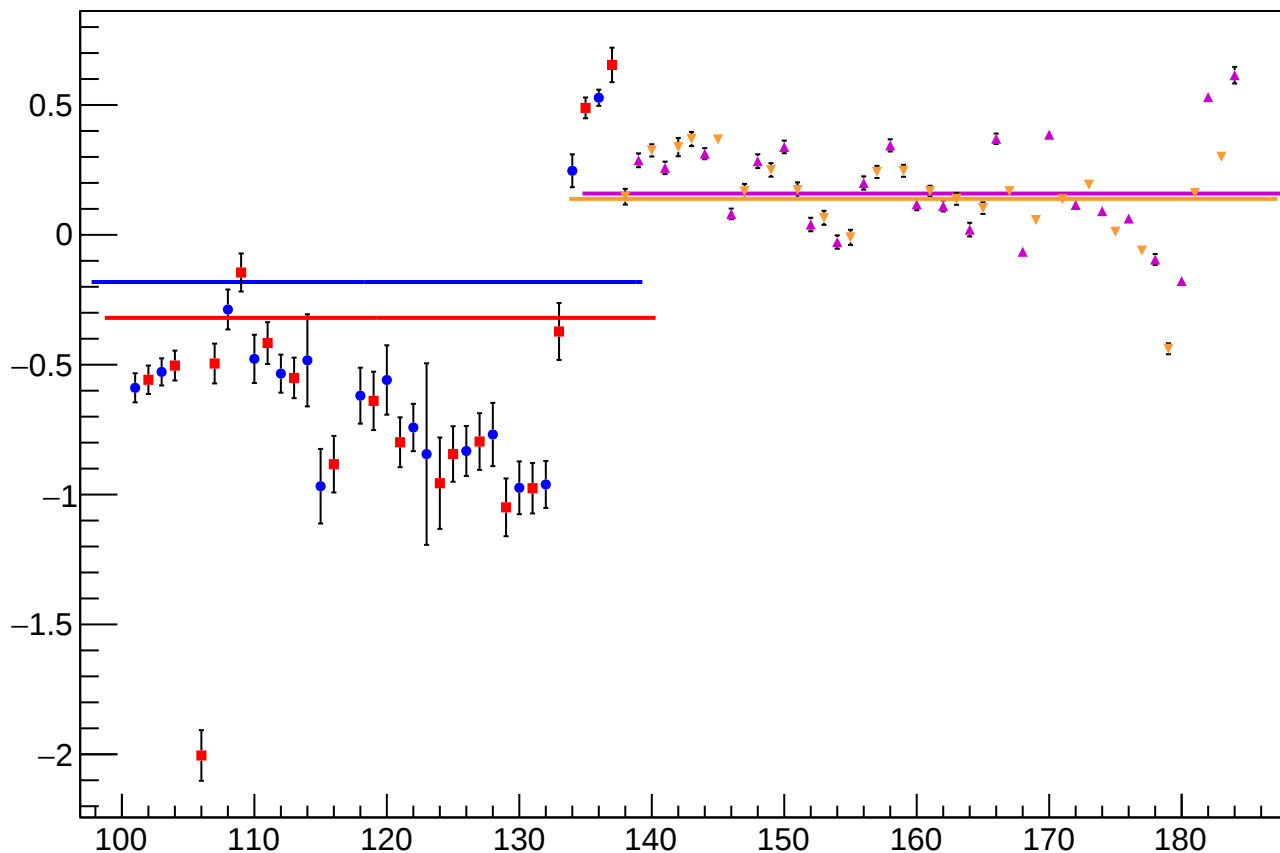
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 30.432 $\pm$ 0.090 χ^2 /NDF:7372.9/39

Out: 30.540 $\pm$ 0.090 χ^2 /NDF:7945.6/41

All: 30.486 $\pm$ 0.064 χ^2 /NDF: 15319.2/81

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.139 ± 0.004 χ^2/NDF : 1480.1/23

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

Left: 0.149 ± 0.003 χ^2/NDF : 3512.0/46

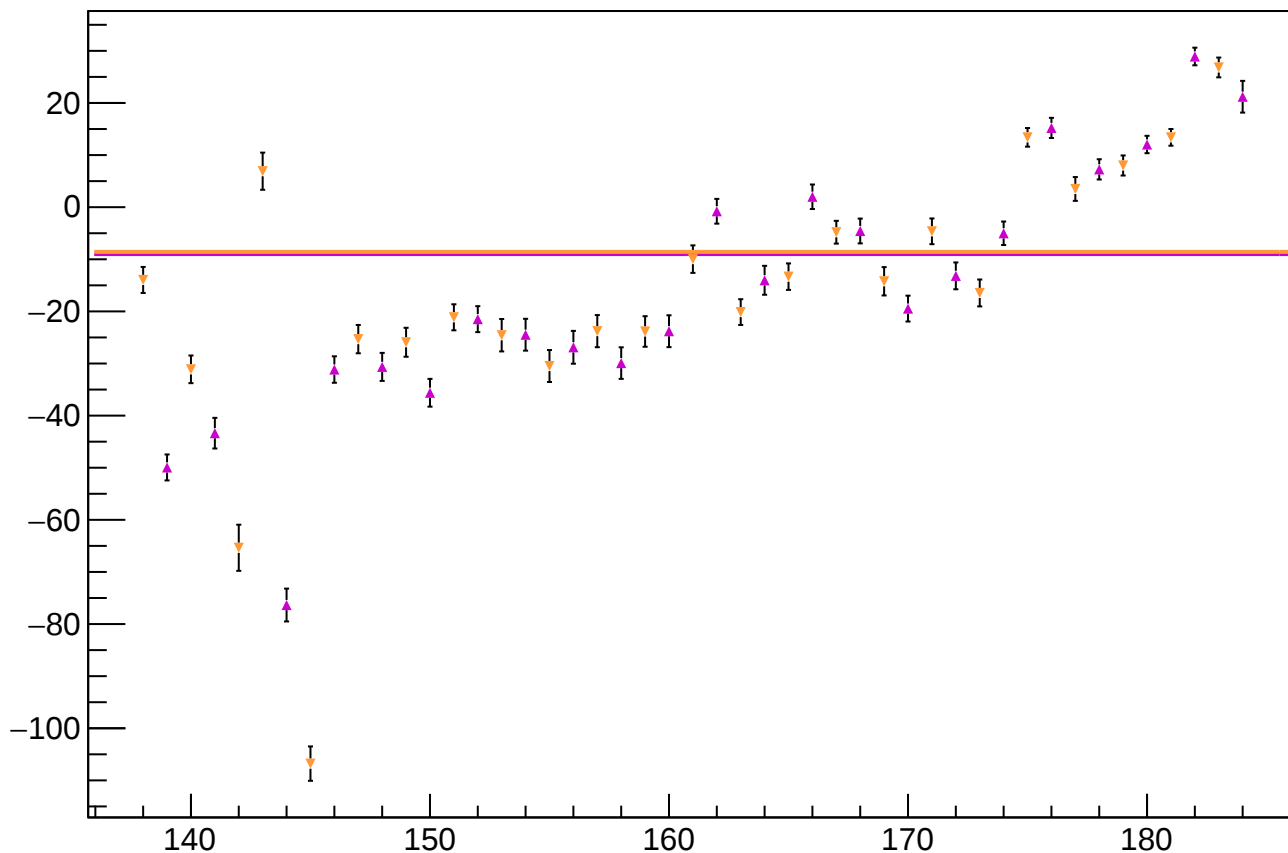
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.140 ± 0.004 χ^2/NDF : 3365.5/39

Out: 0.114 ± 0.004 χ^2/NDF : 3257.1/41

All: 0.127 ± 0.003 χ^2/NDF : 6641.6/81

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



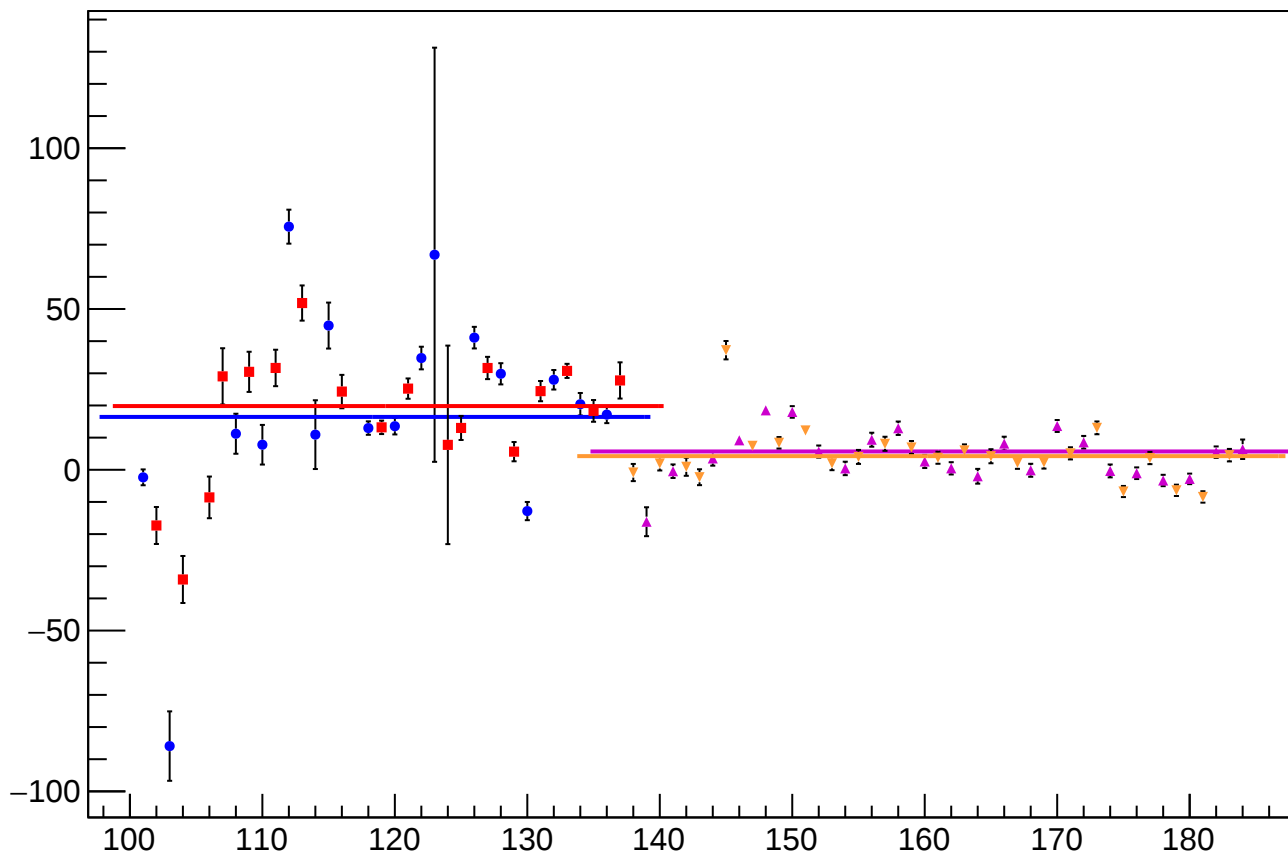
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22

Left: -8.783 $\pm$ 0.357 χ^2 /NDF: 4520.6/46
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.995 $\pm$ 0.505 χ^2 /NDF:2308.2/22
 Out: -8.572 $\pm$ 0.504 χ^2 /NDF:2212.0/23

All: -8.783 $\pm$ 0.357 χ^2 /NDF: 4520.6/46

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 4.246 $\pm$ 0.395 χ^2 /NDF: 346.1/23

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 5.699 $\pm$ 0.403 χ^2 /NDF: 329.1/22

Left: 4.957 $\pm$ 0.282 χ^2 /NDF: 681.9/46

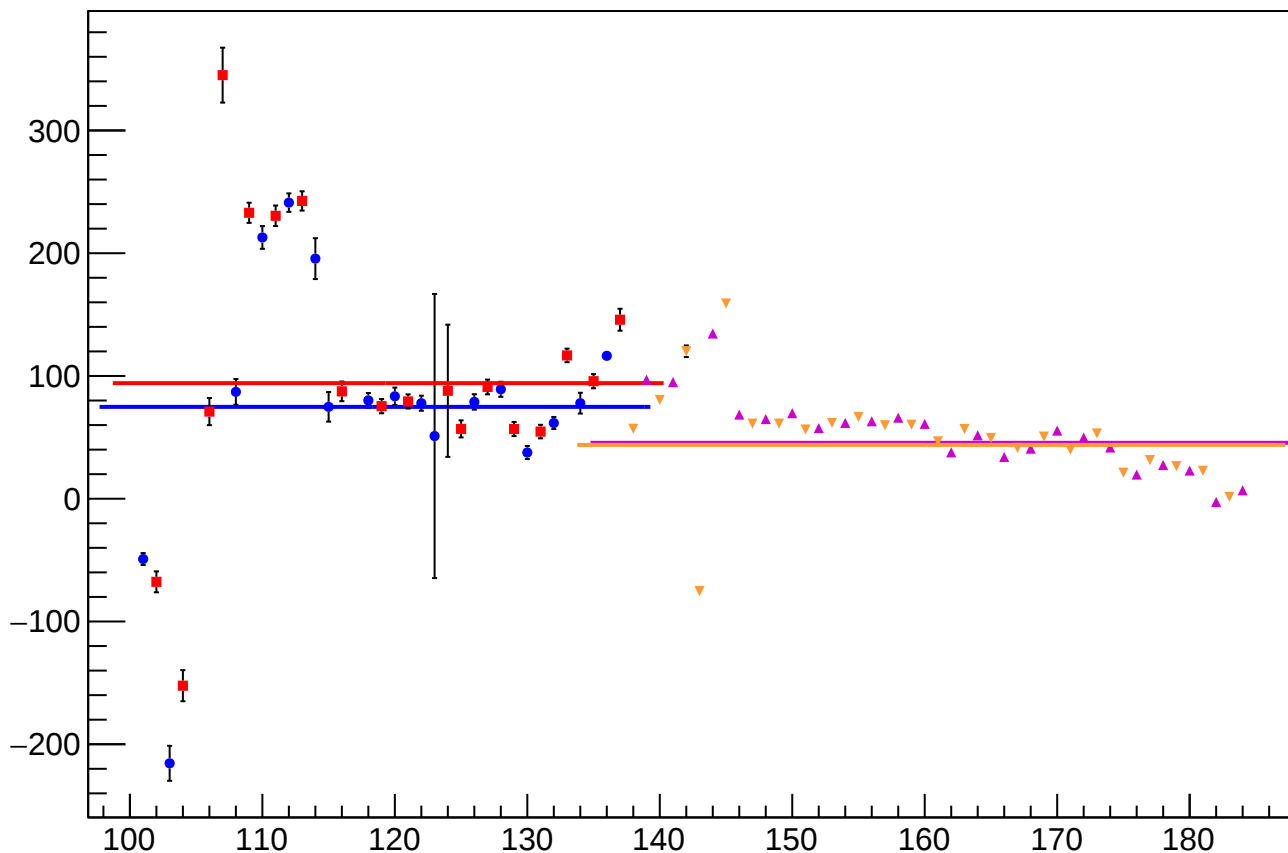
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 7.677 $\pm$ 0.364 χ^2 /NDF: 976.8/39

Out: 6.759 $\pm$ 0.361 χ^2 /NDF: 836.0/41

All: 7.215 $\pm$ 0.256 χ^2 /NDF: 1815.9/81

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 43.827 ± 0.502 χ^2/NDF : 3806.0/23

Right Out: 94.153 ± 1.720 χ^2/NDF : 1969.2/17

Left In: 45.559 ± 0.502 χ^2/NDF : 3152.4/22

Left: 44.692 ± 0.355 χ^2/NDF : 6964.4/46

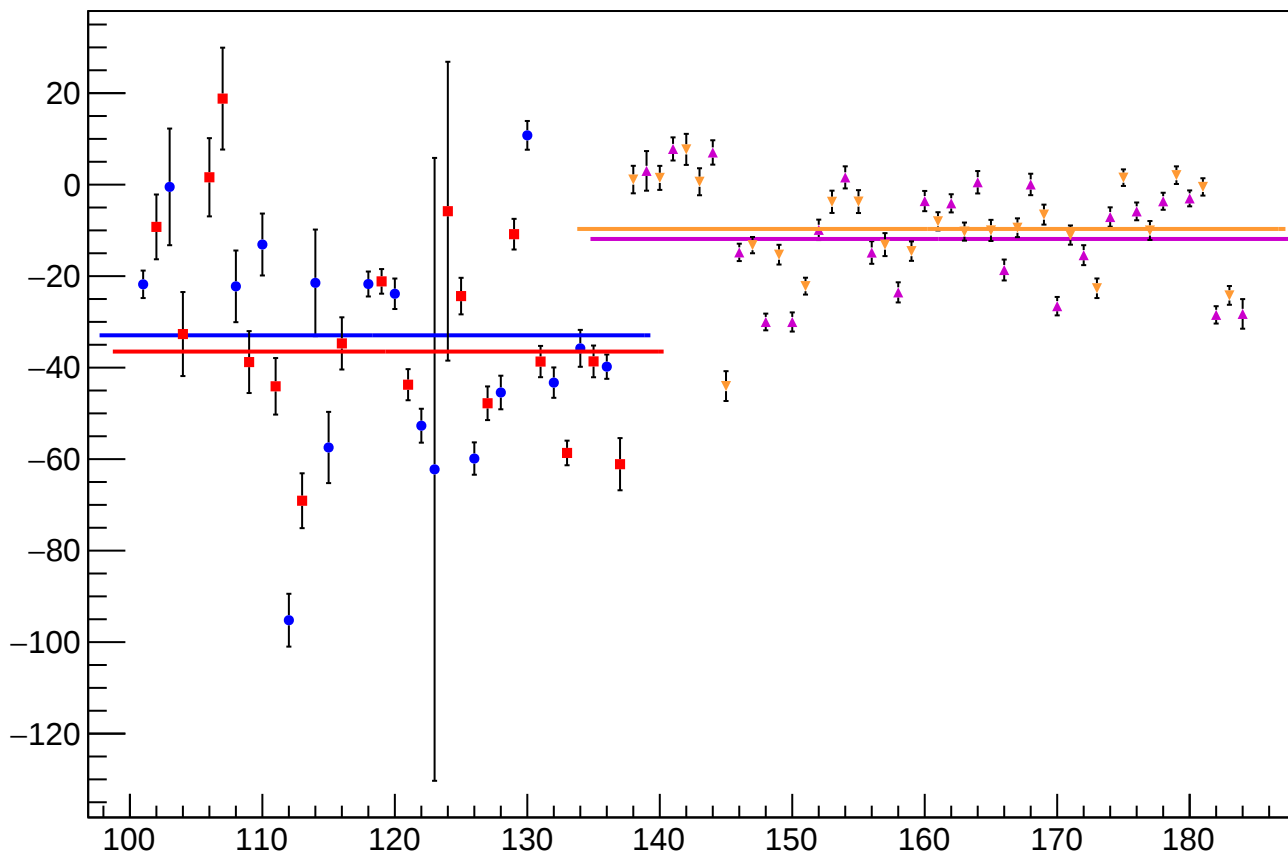
Right: 84.020 ± 1.186 χ^2/NDF : 4032.2/34

In: 48.074 ± 0.480 χ^2/NDF : 5440.8/39

Out: 47.779 ± 0.482 χ^2/NDF : 6564.1/41

All: 47.927 ± 0.340 χ^2/NDF : 12005.0/81

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -9.684 ± 0.447 χ^2/NDF : 444.9/23

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

Left: -10.761 ± 0.319 χ^2/NDF : 1125.1/46

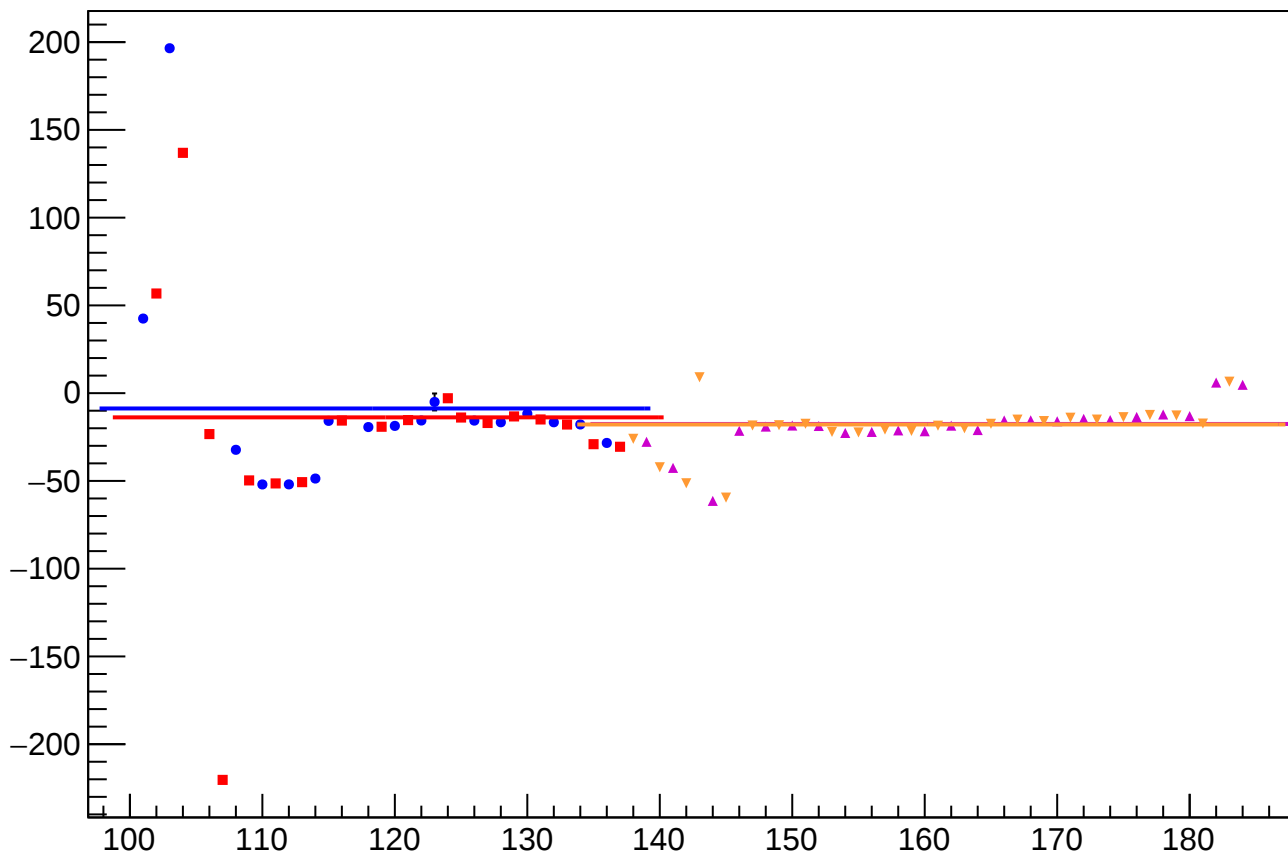
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -15.649 ± 0.412 χ^2/NDF : 1543.4/39

Out: -13.961 ± 0.410 χ^2/NDF : 1311.0/41

All: -14.801 ± 0.291 χ^2/NDF : 2862.8/81

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: -17.835 ± 0.021 $\chi^2/\text{NDF}: 295697.2/23$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

Left: -17.693 ± 0.015 $\chi^2/\text{NDF}: 557691.7/46$

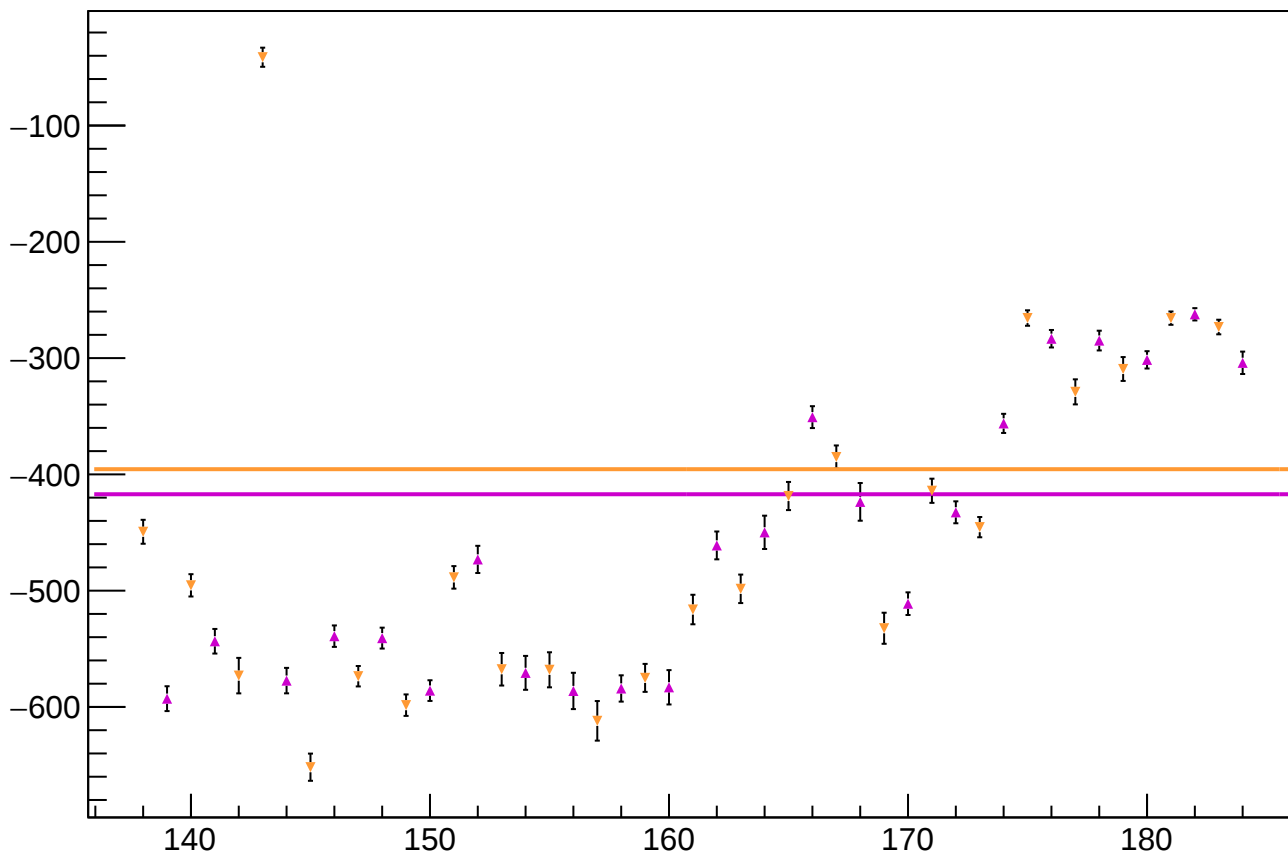
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -16.590 ± 0.019 $\chi^2/\text{NDF}: 857780.3/39$

Out: -17.434 ± 0.020 $\chi^2/\text{NDF}: 848896.0/41$

All: -17.009 ± 0.014 $\chi^2/\text{NDF}: 1707613.9/81$

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: -395.534 ± 1.976 $\chi^2/\text{NDF}: 5946.7/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -417.080 ± 1.997 $\chi^2/\text{NDF}: 3958.5/22$

Left: -406.194 ± 1.405 $\chi^2/\text{NDF}: 9964.1/46$

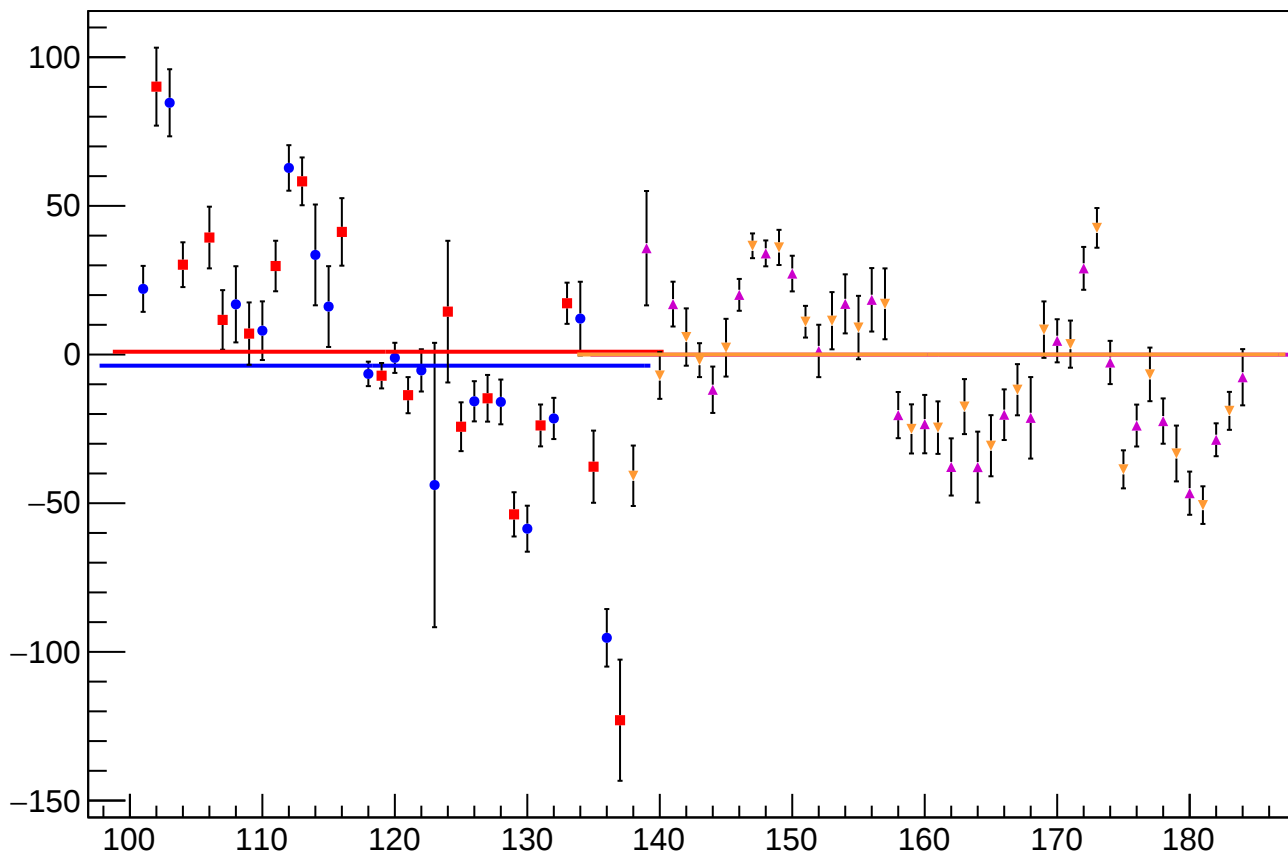
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -417.080 ± 1.997 $\chi^2/\text{NDF}: 3958.5/22$

Out: -395.534 ± 1.976 $\chi^2/\text{NDF}: 5946.7/23$

All: -406.194 ± 1.405 $\chi^2/\text{NDF}: 9964.1/46$

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.019 ± 1.516 χ^2/NDF : 335.6/23

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

Left: -0.015 ± 1.091 χ^2/NDF : 599.7/46

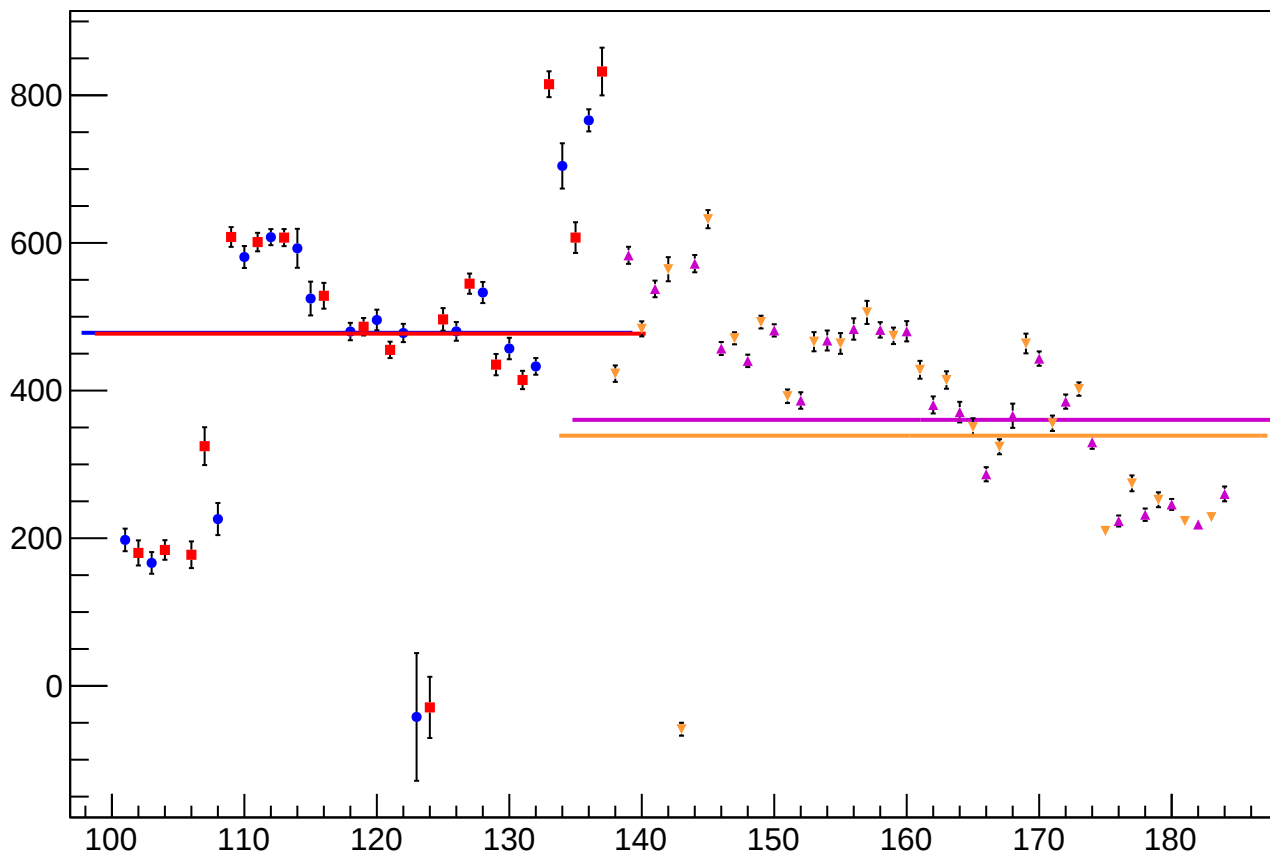
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: -1.558 ± 1.209 χ^2/NDF : 580.5/39

Out: 0.376 ± 1.189 χ^2/NDF : 629.4/41

All: -0.575 ± 0.848 χ^2/NDF : 1211.2/81

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 338.942+/-1.983 χ^2/NDF : 5501.2/23

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 360.355+/-1.996 χ^2/NDF : 3449.9/22

Left: 349.583+/-1.407 χ^2/NDF : 9009.1/46

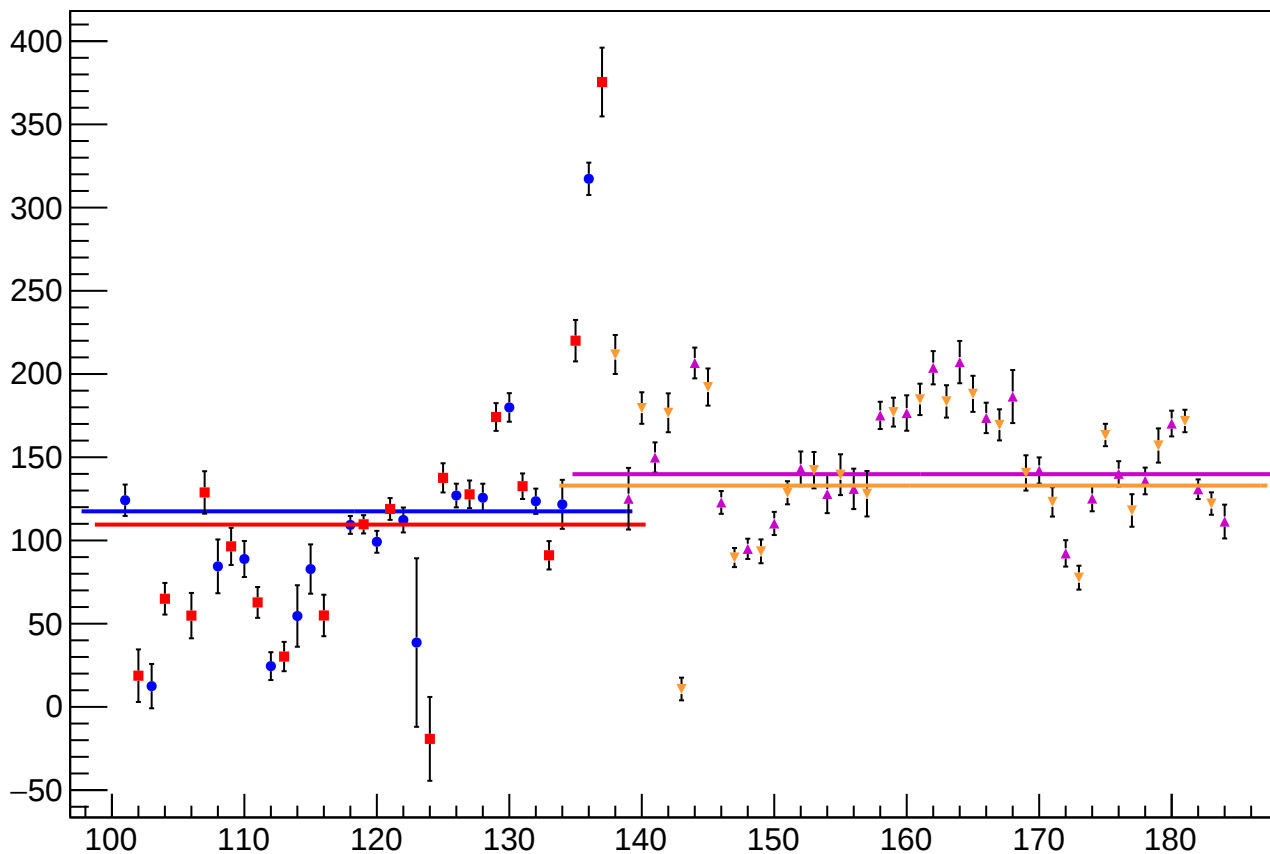
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 387.625+/-1.750 χ^2/NDF : 5885.3/39

Out: 371.929+/-1.730 χ^2/NDF : 8835.7/41

All: 379.690+/-1.230 χ^2/NDF : 14761.6/81

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 132.977 ± 1.745 $\chi^2/\text{NDF}: 771.2/23$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 139.828 ± 1.790 $\chi^2/\text{NDF}: 321.7/22$

Left: 136.315 ± 1.249 $\chi^2/\text{NDF}: 1100.4/46$

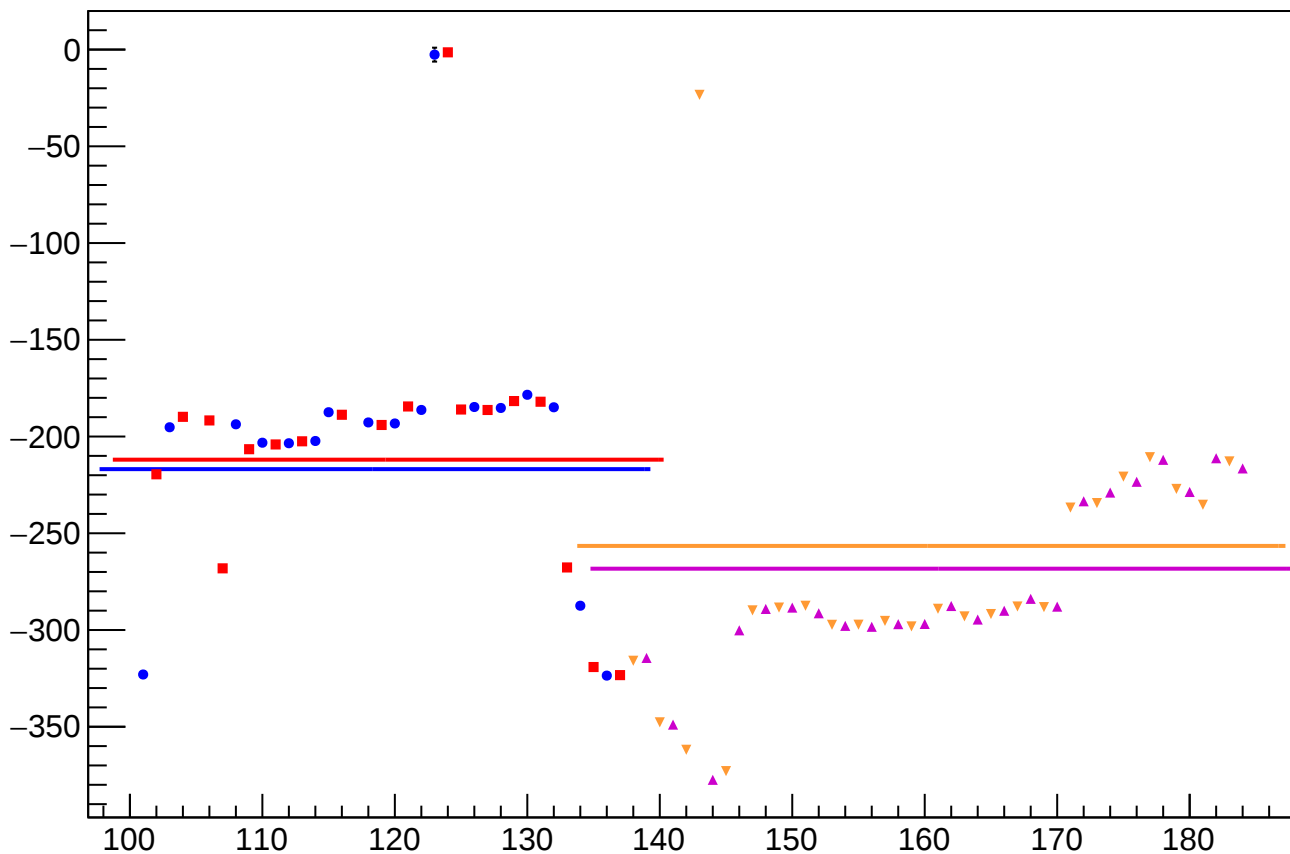
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 130.926 ± 1.388 $\chi^2/\text{NDF}: 1089.7/39$

Out: 123.970 ± 1.369 $\chi^2/\text{NDF}: 1402.8/41$

All: 127.400 ± 0.975 $\chi^2/\text{NDF}: 2505.2/81$

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -256.537+/-0.083 χ^2/NDF : 719911.3/23

Right Out: -211.961+/-0.131 χ^2/NDF : 112091.8/17

Left In: -268.305+/-0.083 χ^2/NDF : 264853.3/22

Left: -262.414+/-0.059 χ^2/NDF : 994763.6/46

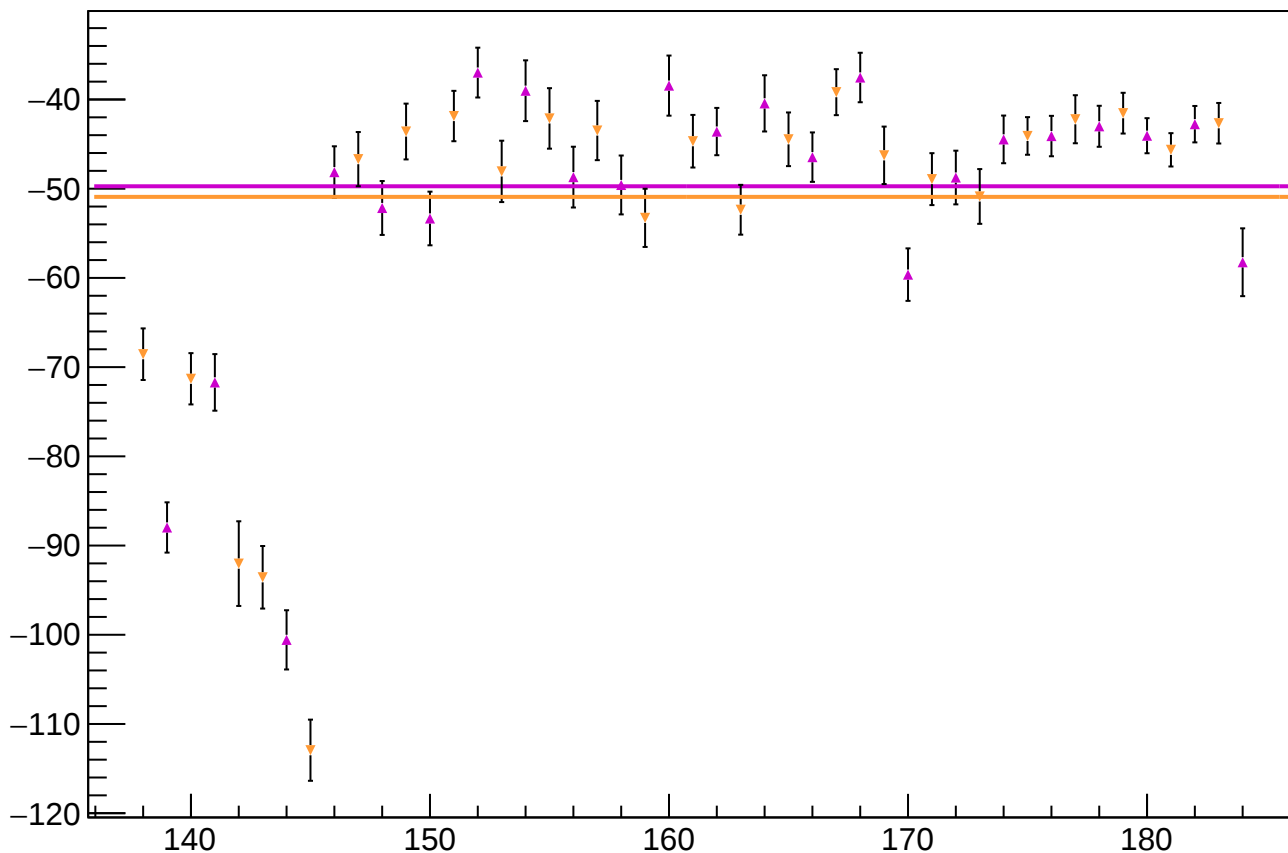
Right: -214.313+/-0.094 χ^2/NDF : 259693.1/34

In: -254.256+/-0.071 χ^2/NDF : 516034.7/39

Out: -243.684+/-0.070 χ^2/NDF : 914838.9/41

All: -248.907+/-0.050 χ^2/NDF : 1442091.3/81

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -50.916 ± 0.577 $\chi^2/\text{NDF}: 760.1/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

Left: -50.327 ± 0.410 $\chi^2/\text{NDF}: 1363.1/46$

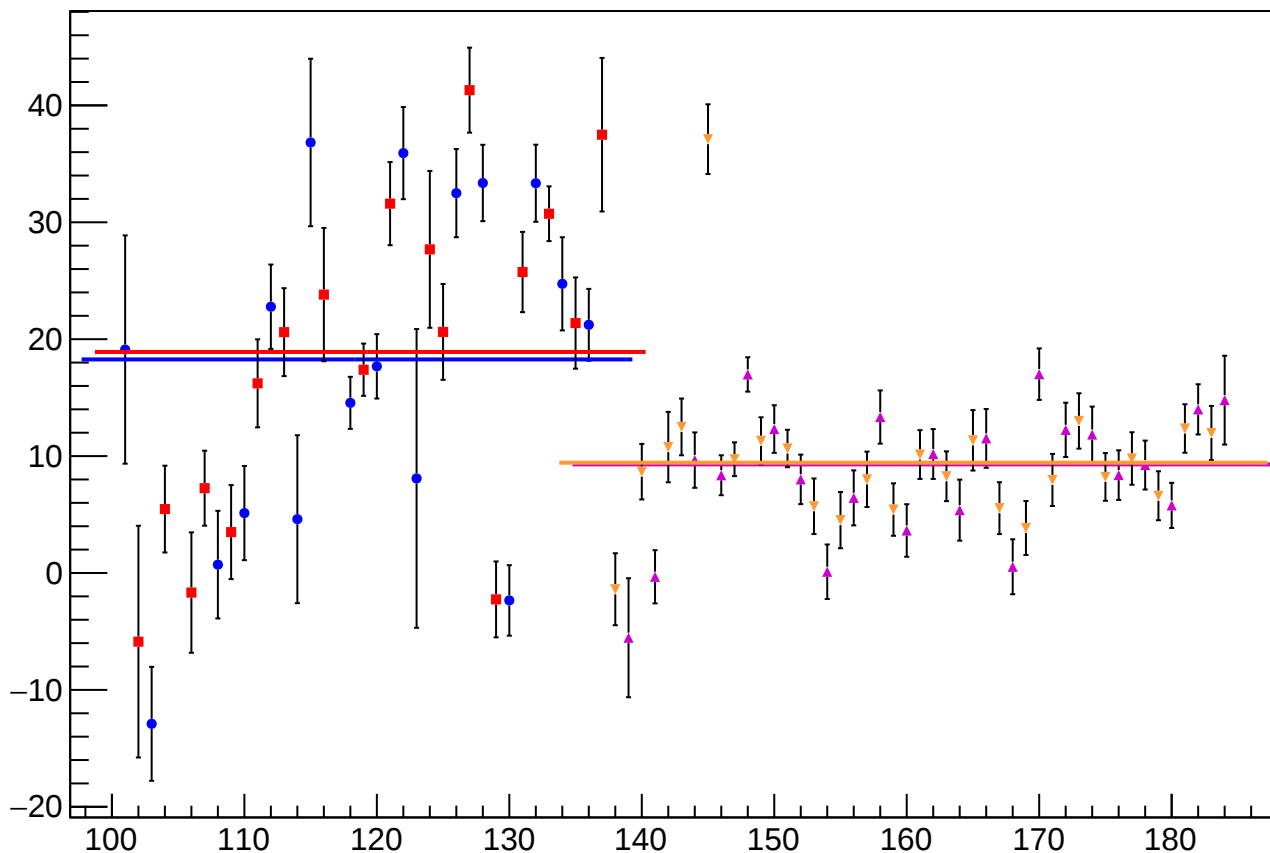
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

Out: -50.916 ± 0.577 $\chi^2/\text{NDF}: 760.1/23$

All: -50.327 ± 0.410 $\chi^2/\text{NDF}: 1363.1/46$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.436 ± 0.448 χ^2/NDF : 130.1/23

Right Out: 18.909 ± 0.864 χ^2/NDF : 198.1/17

Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

Left: 9.364 ± 0.321 χ^2/NDF : 255.8/46

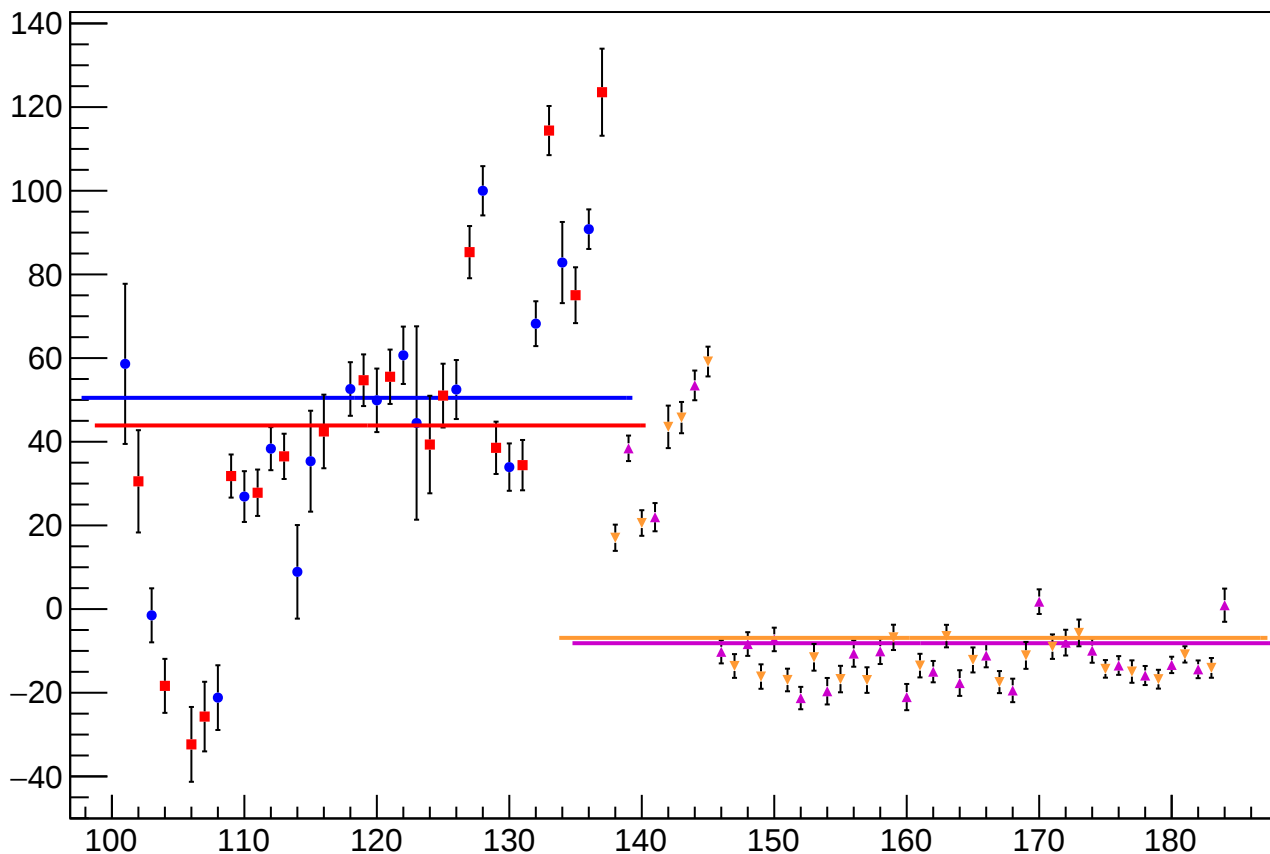
Right: 18.605 ± 0.626 χ^2/NDF : 406.7/34

In: 11.130 ± 0.411 χ^2/NDF : 411.9/39

Out: 11.445 ± 0.398 χ^2/NDF : 422.8/41

All: 11.293 ± 0.286 χ^2/NDF : 835.1/81

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: -6.884 $\pm$ 0.575 χ^2 /NDF: 913.1/23

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -8.158 $\pm$ 0.578 χ^2 /NDF: 753.9/22

Left: -7.518 $\pm$ 0.407 χ^2 /NDF: 1669.5/46

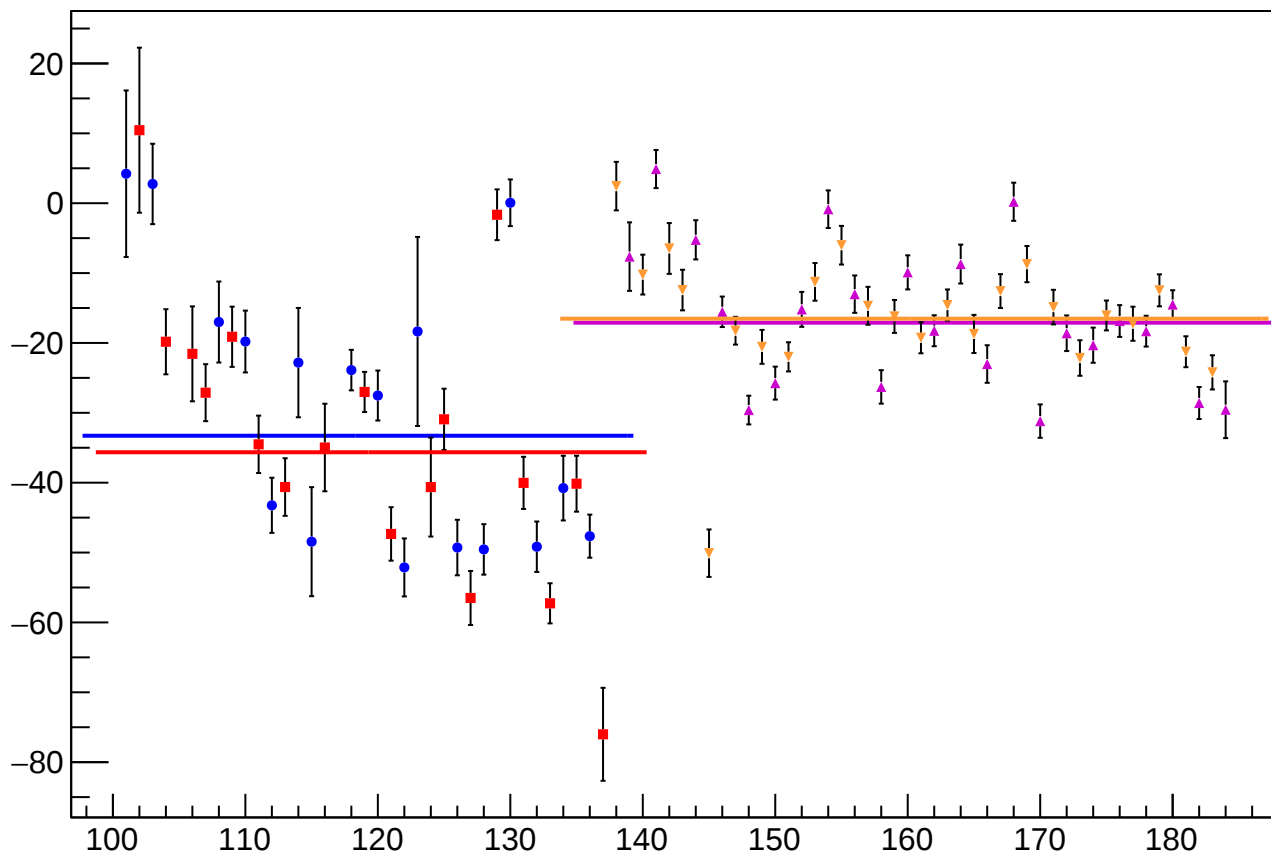
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: -1.895 $\pm$ 0.546 χ^2 /NDF: 2217.9/39

Out: -1.102 $\pm$ 0.541 χ^2 /NDF: 2333.3/41

All: -1.495 $\pm$ 0.384 χ^2 /NDF: 4552.3/81

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 $\pm$ 1.035 χ^2/NDF : 292.9/16

Left Out: -16.524 $\pm$ 0.510 χ^2/NDF :208.9/23

Right Out: -35.644 $\pm$ 0.993 χ^2/NDF : 284.6/17

Left In: -17.100 $\pm$ 0.520 χ^2/NDF :328.1/22

Left: -16.806 $\pm$ 0.364 χ^2/NDF : 537.5/46

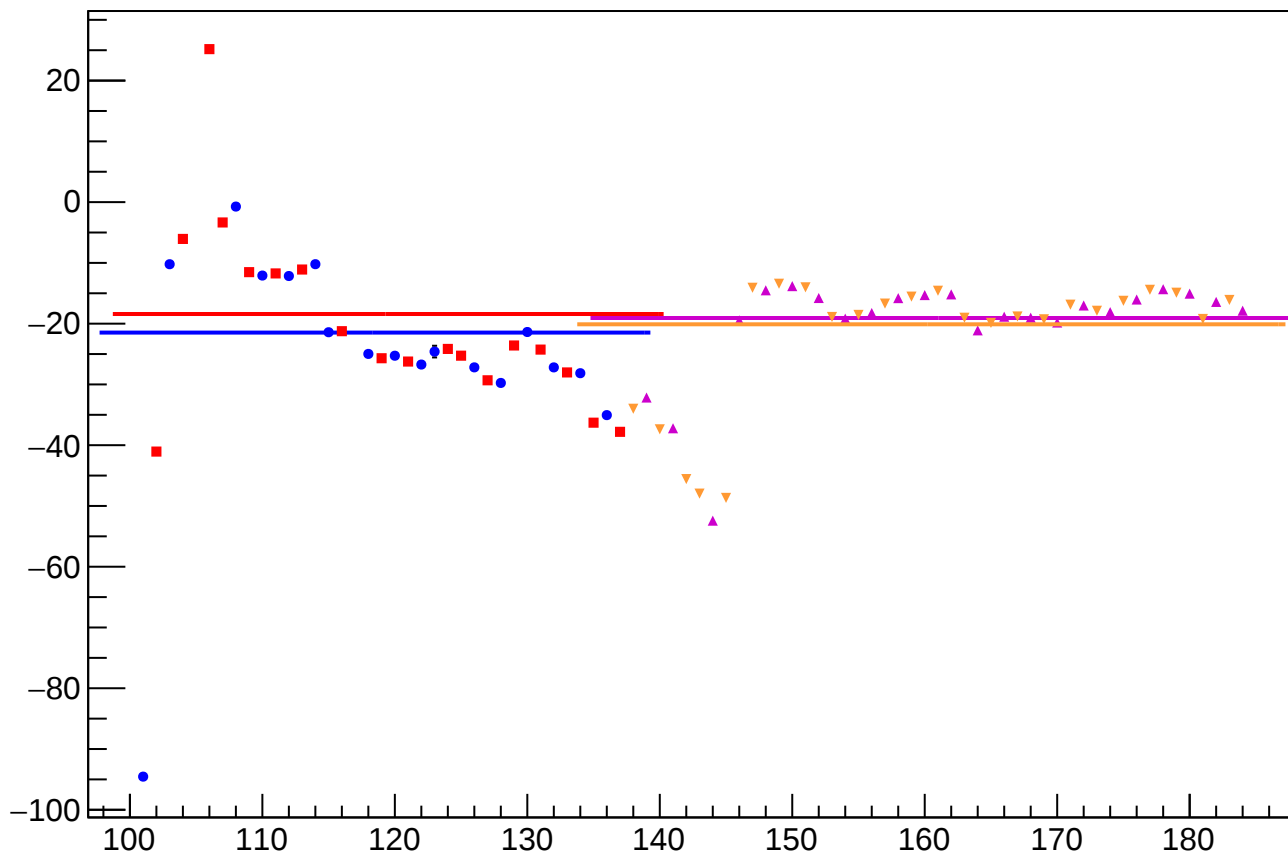
Right: -34.511 $\pm$ 0.716 χ^2/NDF : 580.2/34

In: -20.367 $\pm$ 0.465 χ^2/NDF :816.1/39

Out: -20.515 $\pm$ 0.454 χ^2/NDF :787.0/41

All: -20.443 $\pm$ 0.325 χ^2/NDF : 1603.1/81

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -20.105 $\pm$ 0.024 χ^2 /NDF:144628.6/23

Right Out: -18.411 $\pm$ 0.057 χ^2 /NDF: 77587.3/17

Left In: -19.068 $\pm$ 0.024 χ^2 /NDF:92702.3/22

Left: -19.588 $\pm$ 0.017 χ^2 /NDF: 238301.0/46

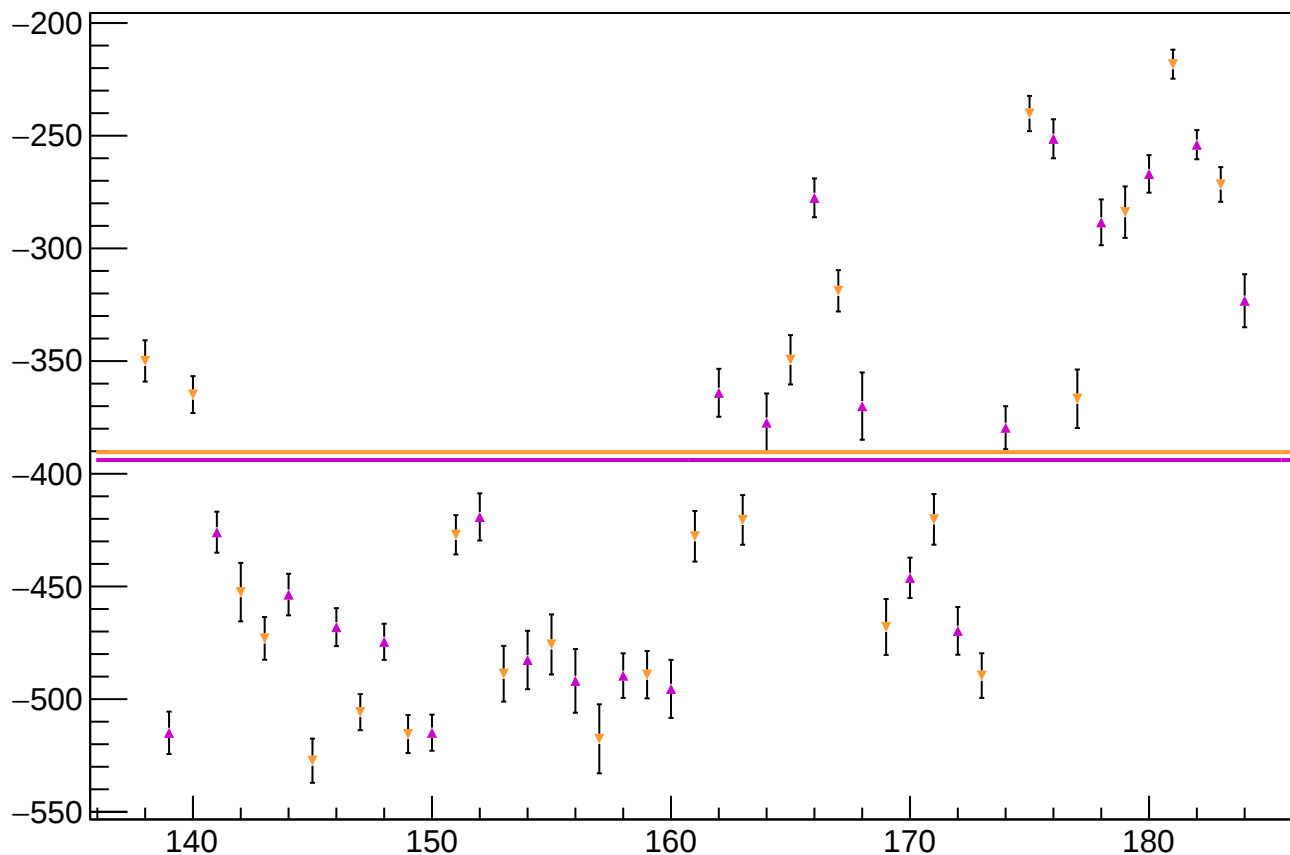
Right: -19.904 $\pm$ 0.041 χ^2 /NDF: 127953.4/34

In: -19.401 $\pm$ 0.022 χ^2 /NDF:143120.4/39

Out: -19.862 $\pm$ 0.022 χ^2 /NDF:222962.2/41

All: -19.633 $\pm$ 0.015 χ^2 /NDF: 366305.3/81

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -390.416 ± 1.982 χ^2/NDF : 2680.5/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -393.904 ± 1.998 χ^2/NDF : 2280.8/22

Left: -392.146 ± 1.407 χ^2/NDF : 4962.8/46

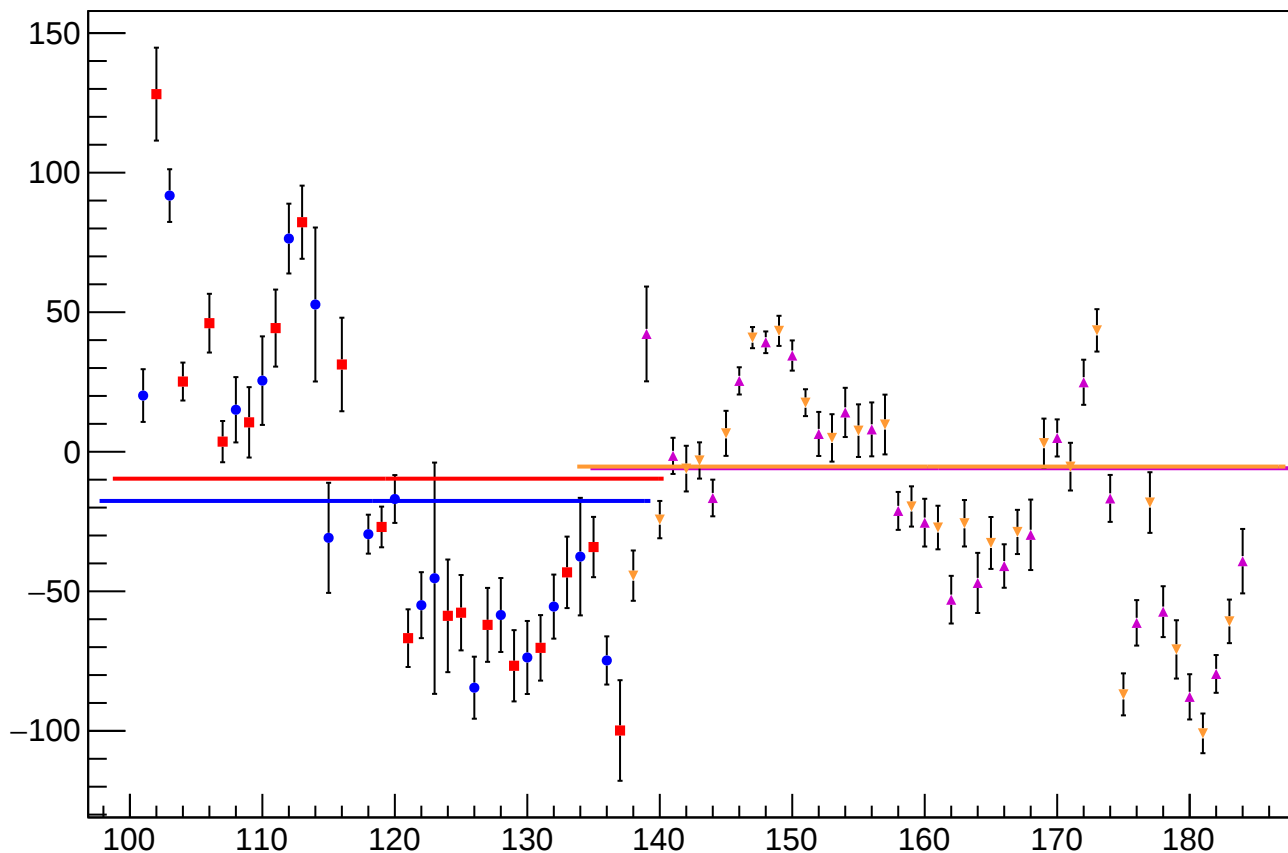
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -393.904 ± 1.998 χ^2/NDF : 2280.8/22

Out: -390.416 ± 1.982 χ^2/NDF : 2680.5/23

All: -392.146 ± 1.407 χ^2/NDF : 4962.8/46

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -5.306 ± 1.470 $\chi^2/\text{NDF}: 753.9/23$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: -5.906 ± 1.513 $\chi^2/\text{NDF}: 657.5/22$

Left: -5.597 ± 1.054 $\chi^2/\text{NDF}: 1411.5/46$

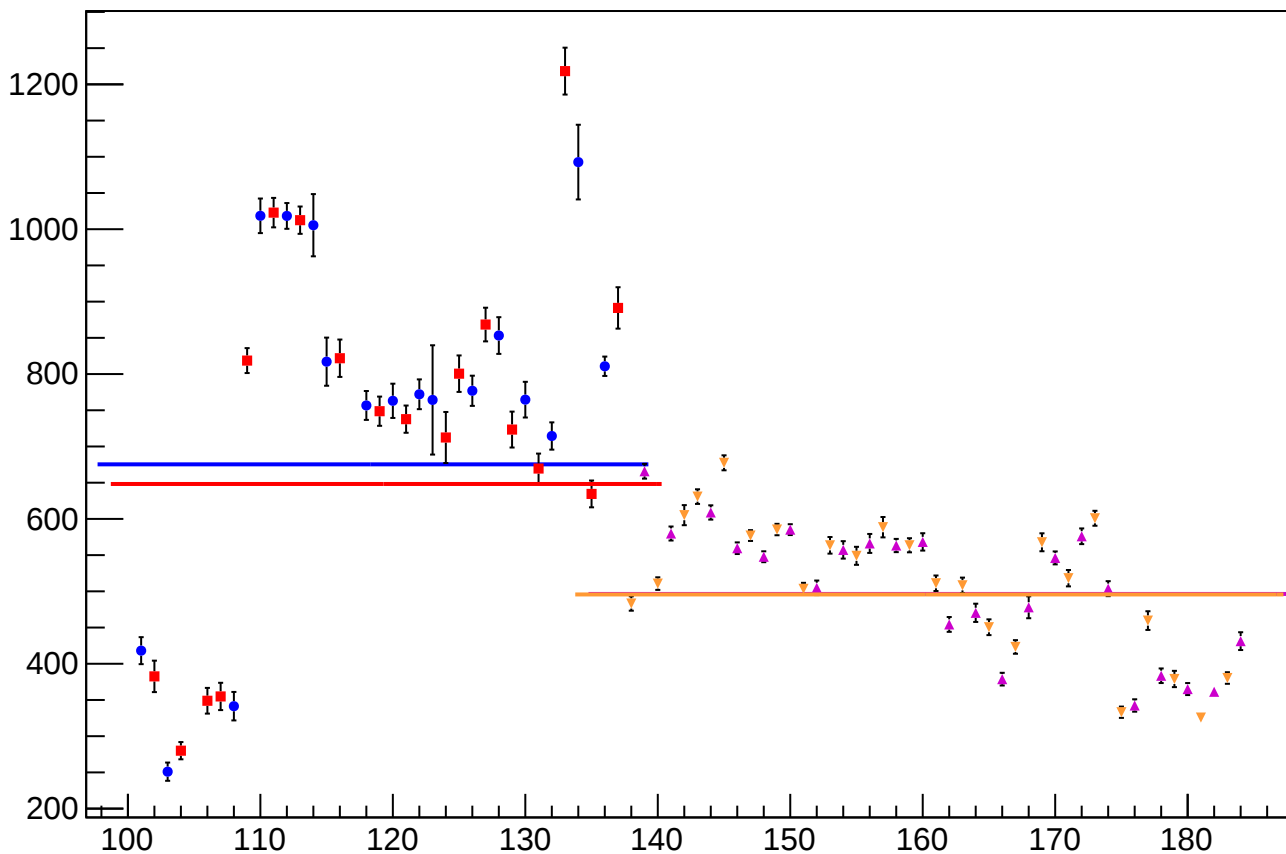
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: -8.574 ± 1.330 $\chi^2/\text{NDF}: 1033.2/39$

Out: -6.348 ± 1.281 $\chi^2/\text{NDF}: 1116.7/41$

All: -7.420 ± 0.923 $\chi^2/\text{NDF}: 2151.3/81$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 495.700 $\pm$ 1.980 χ^2 /NDF:2571.3/23

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 496.393 $\pm$ 1.985 χ^2 /NDF:2295.8/22

Left: 496.046 $\pm$ 1.402 χ^2 /NDF: 4867.1/46

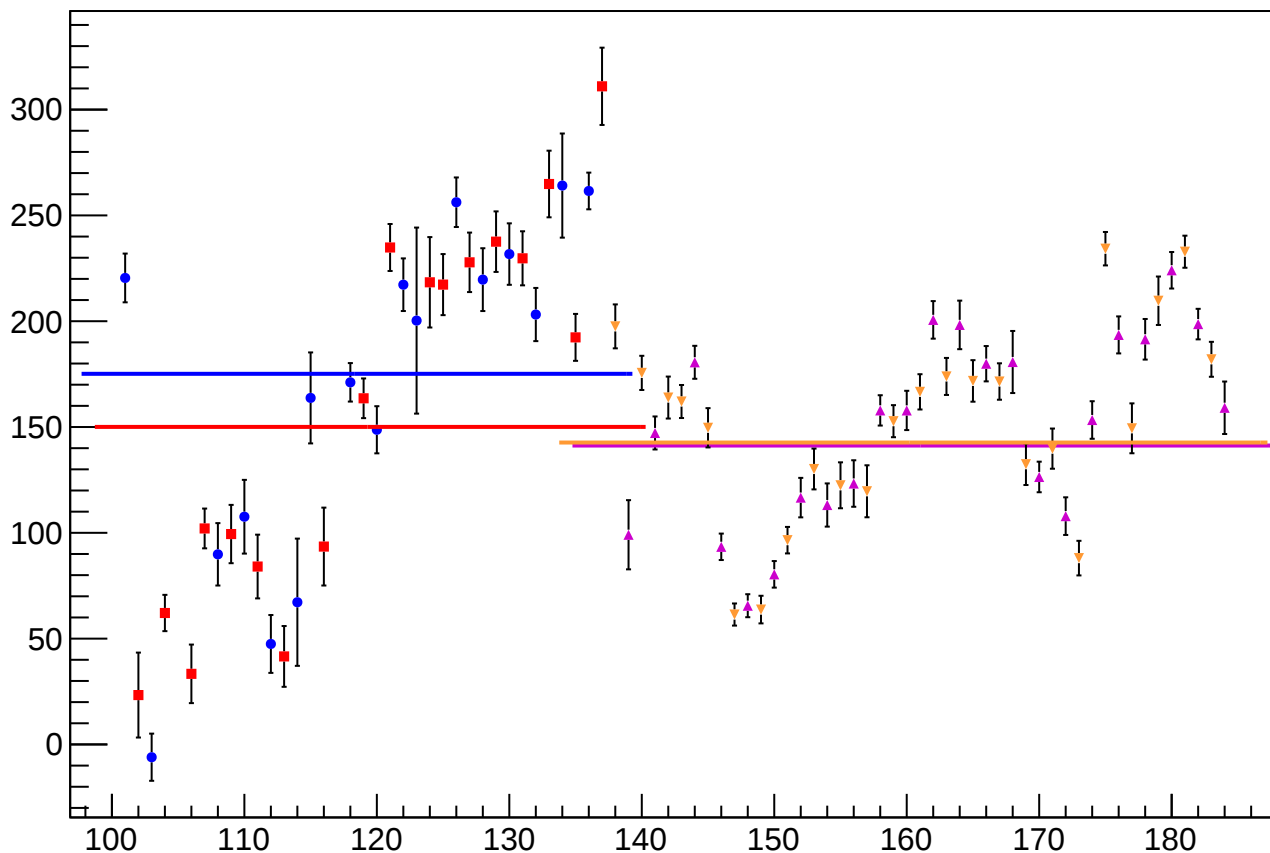
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 520.385 $\pm$ 1.848 χ^2 /NDF:5967.6/39

Out: 518.074 $\pm$ 1.829 χ^2 /NDF:6501.0/41

All: 519.217 $\pm$ 1.300 χ^2 /NDF: 12469.4/81

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 χ^2/NDF : 635.6/16

Left Out: 142.672 ± 1.709 χ^2/NDF : 928.9/23

Right Out: 150.054 ± 3.045 χ^2/NDF : 686.2/17

Left In: 141.248 ± 1.744 χ^2/NDF : 744.2/22

Left: 141.974 ± 1.221 χ^2/NDF : 1673.4/46

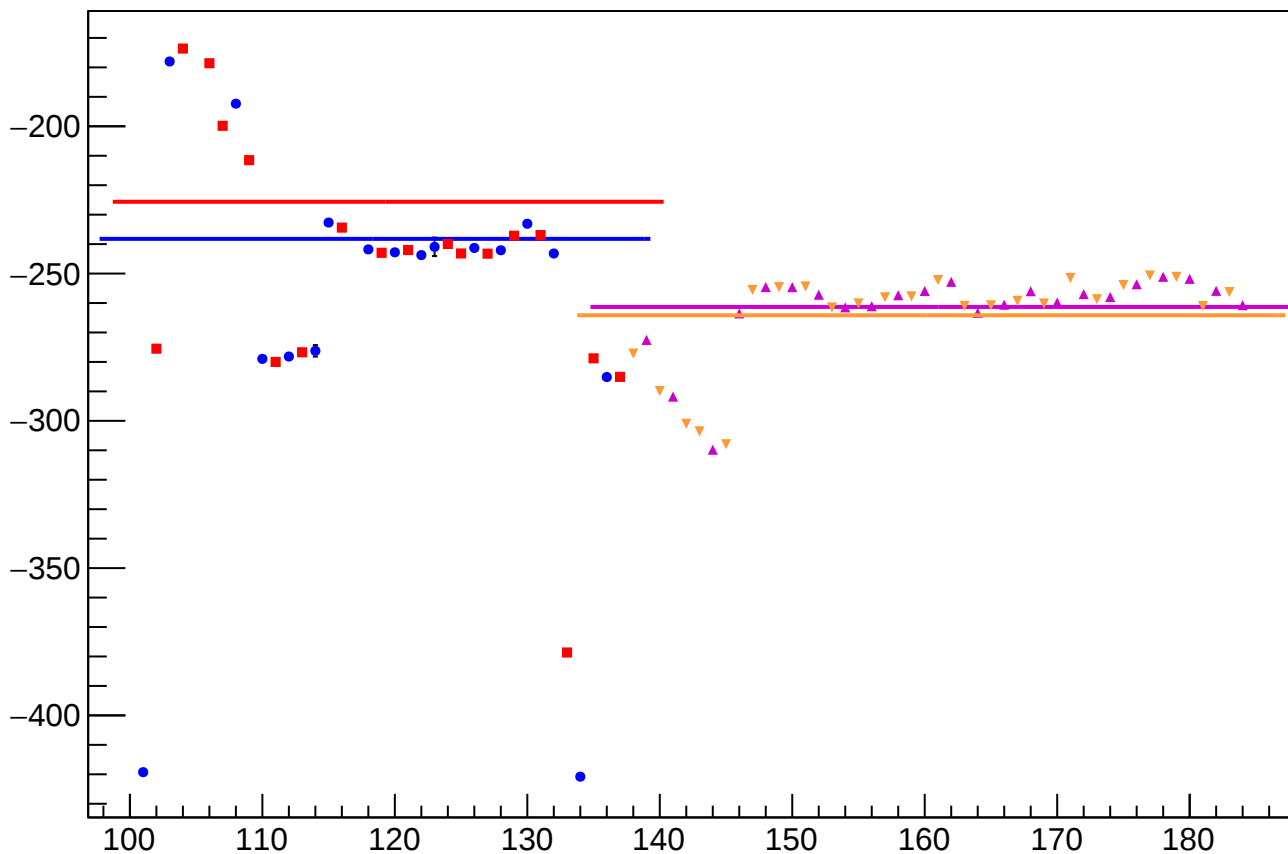
Right: 161.941 ± 2.209 χ^2/NDF : 1354.0/34

In: 148.974 ± 1.532 χ^2/NDF : 1465.9/39

Out: 144.440 ± 1.490 χ^2/NDF : 1619.5/41

All: 146.644 ± 1.068 χ^2/NDF : 3090.0/81

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.161+/-0.082 χ^2/NDF : 38717.8/23

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

Left: -262.737+/-0.058 χ^2/NDF : 62767.4/46

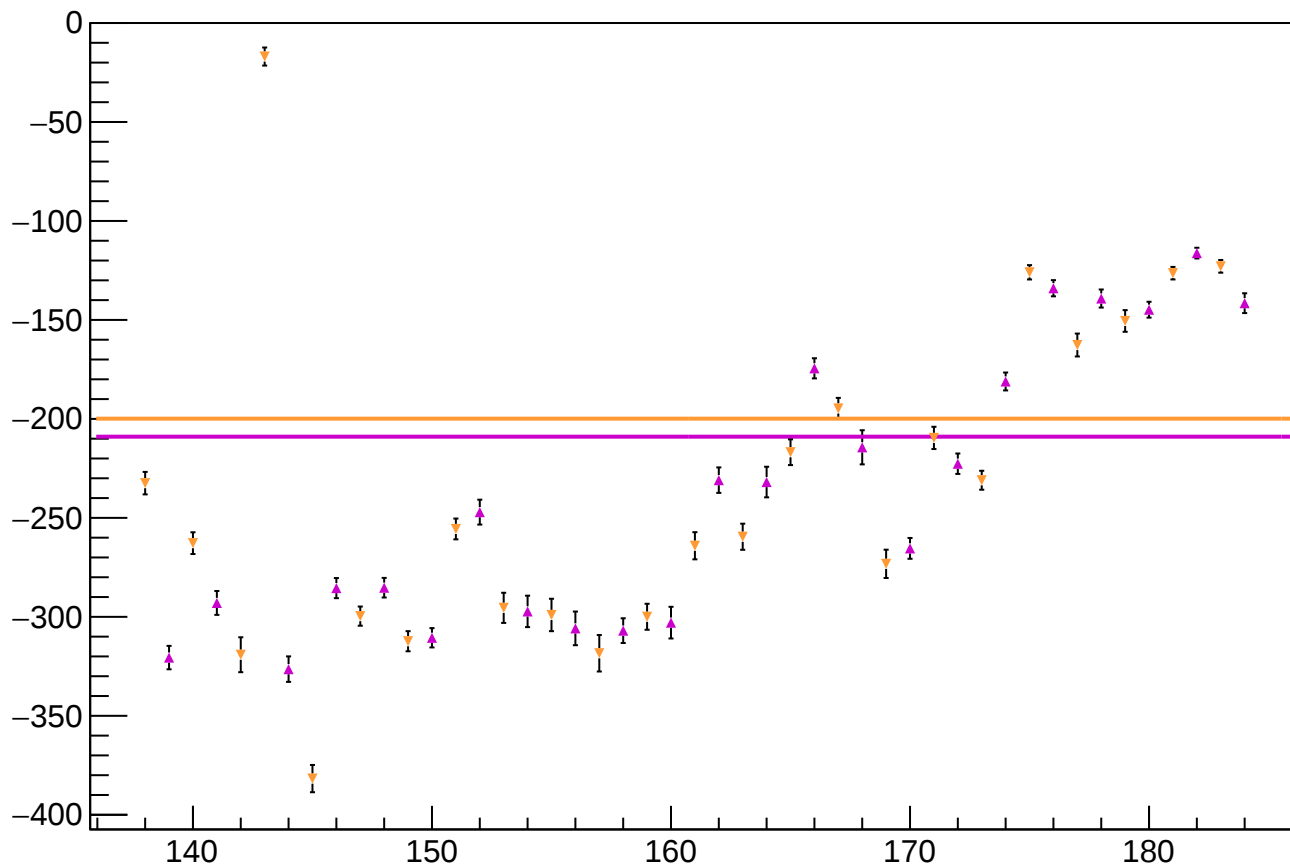
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.554+/-0.073 χ^2/NDF : 207087.4/39

Out: -255.431+/-0.072 χ^2/NDF : 184170.3/41

All: -255.988+/-0.051 χ^2/NDF : 391377.9/81

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -199.873 ± 1.075 $\chi^2/\text{NDF}: 6360.9/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -208.981 ± 1.078 $\chi^2/\text{NDF}: 4865.2/22$

Left: -204.414 ± 0.761 $\chi^2/\text{NDF}: 11261.9/46$

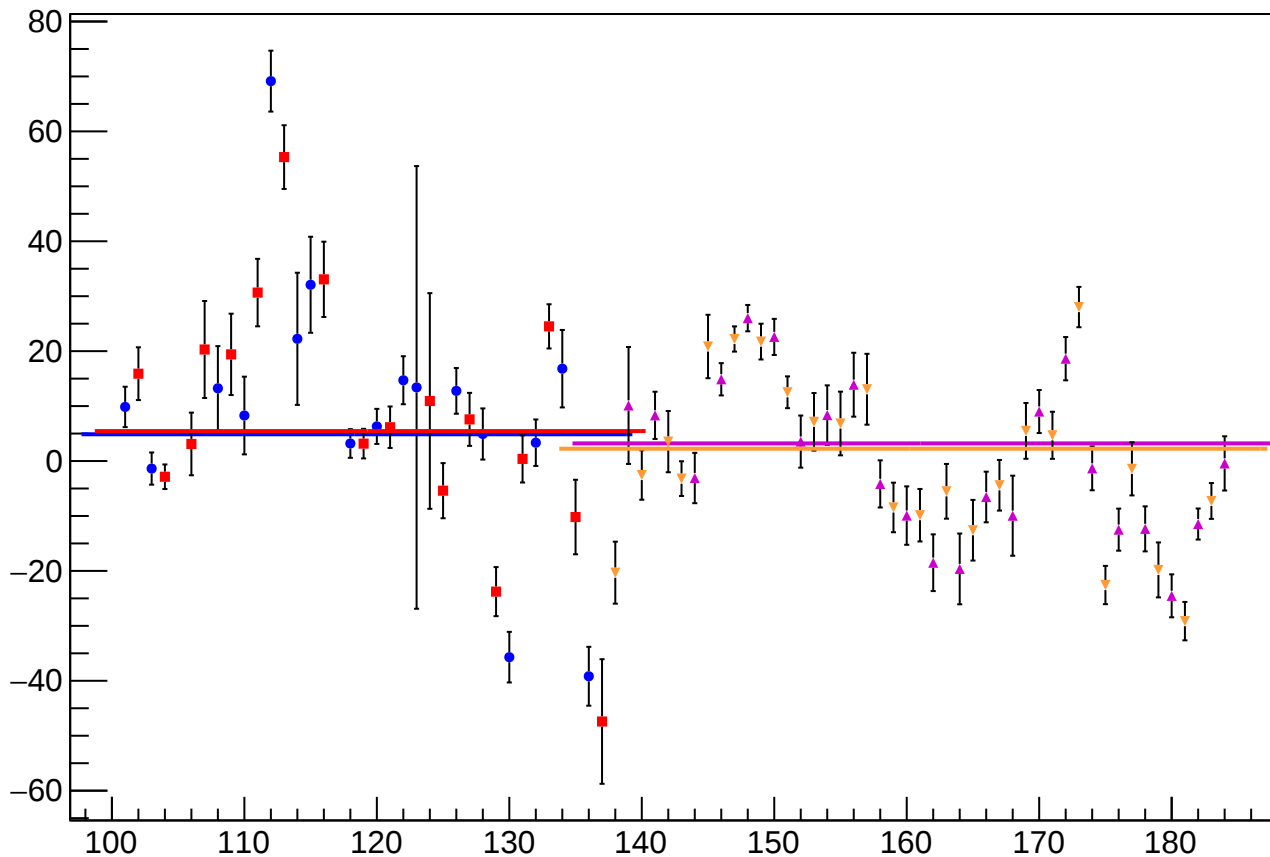
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -208.981 ± 1.078 $\chi^2/\text{NDF}: 4865.2/22$

Out: -199.873 ± 1.075 $\chi^2/\text{NDF}: 6360.9/23$

All: -204.414 ± 0.761 $\chi^2/\text{NDF}: 11261.9/46$

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: 2.243 ± 0.828 χ^2/NDF : 392.8/23

Right Out: 5.450 ± 1.071 χ^2/NDF : 231.5/17

Left In: 3.208 ± 0.854 χ^2/NDF : 323.8/22

Left: 2.711 ± 0.595 χ^2/NDF : 717.2/46

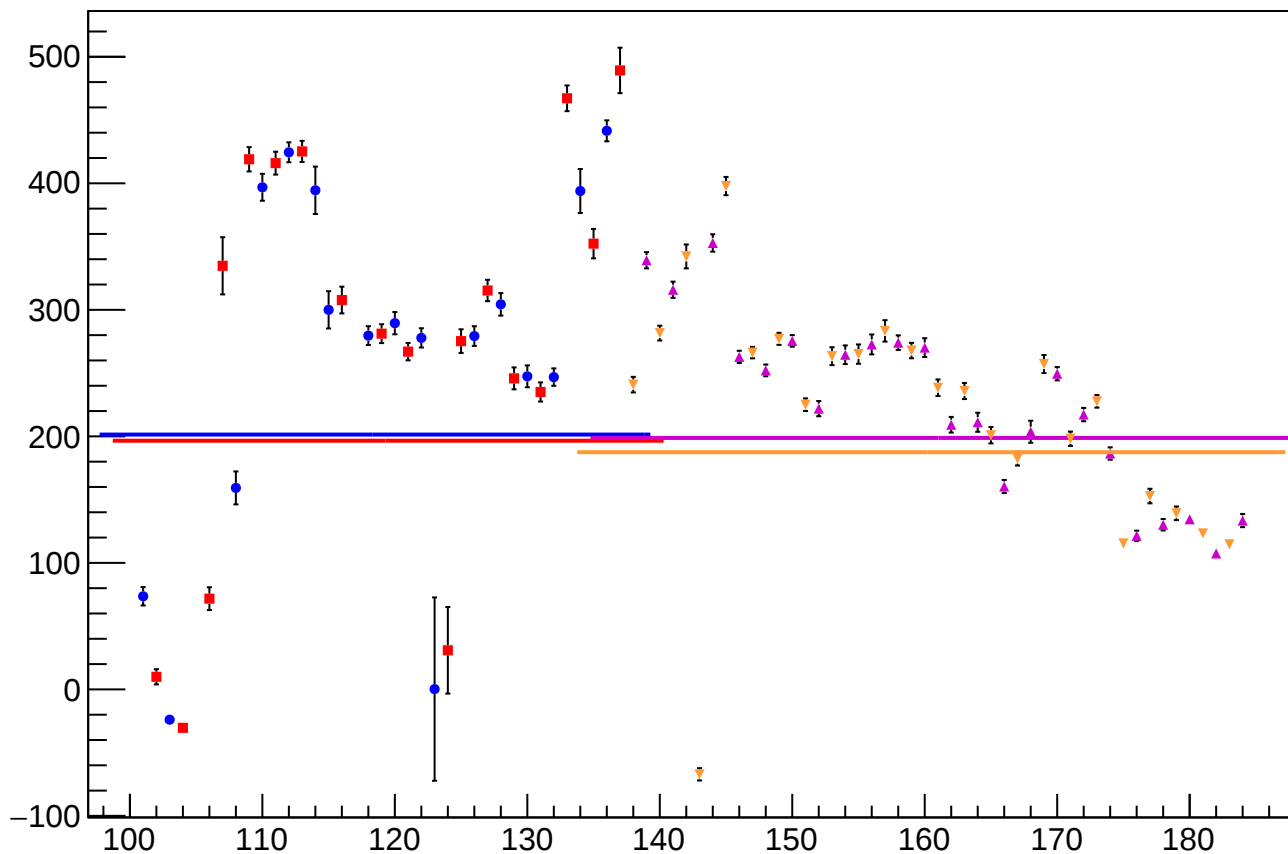
Right: 5.165 ± 0.764 χ^2/NDF : 543.2/34

In: 3.840 ± 0.673 χ^2/NDF : 636.8/39

Out: 3.443 ± 0.655 χ^2/NDF : 629.9/41

All: 3.636 ± 0.469 χ^2/NDF : 1266.9/81

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 187.483 $\pm$ 1.079 χ^2 /NDF:7082.1/23

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 198.762 $\pm$ 1.078 χ^2 /NDF:4590.0/22

Left: 193.126 $\pm$ 0.762 χ^2 /NDF: 11726.8/46

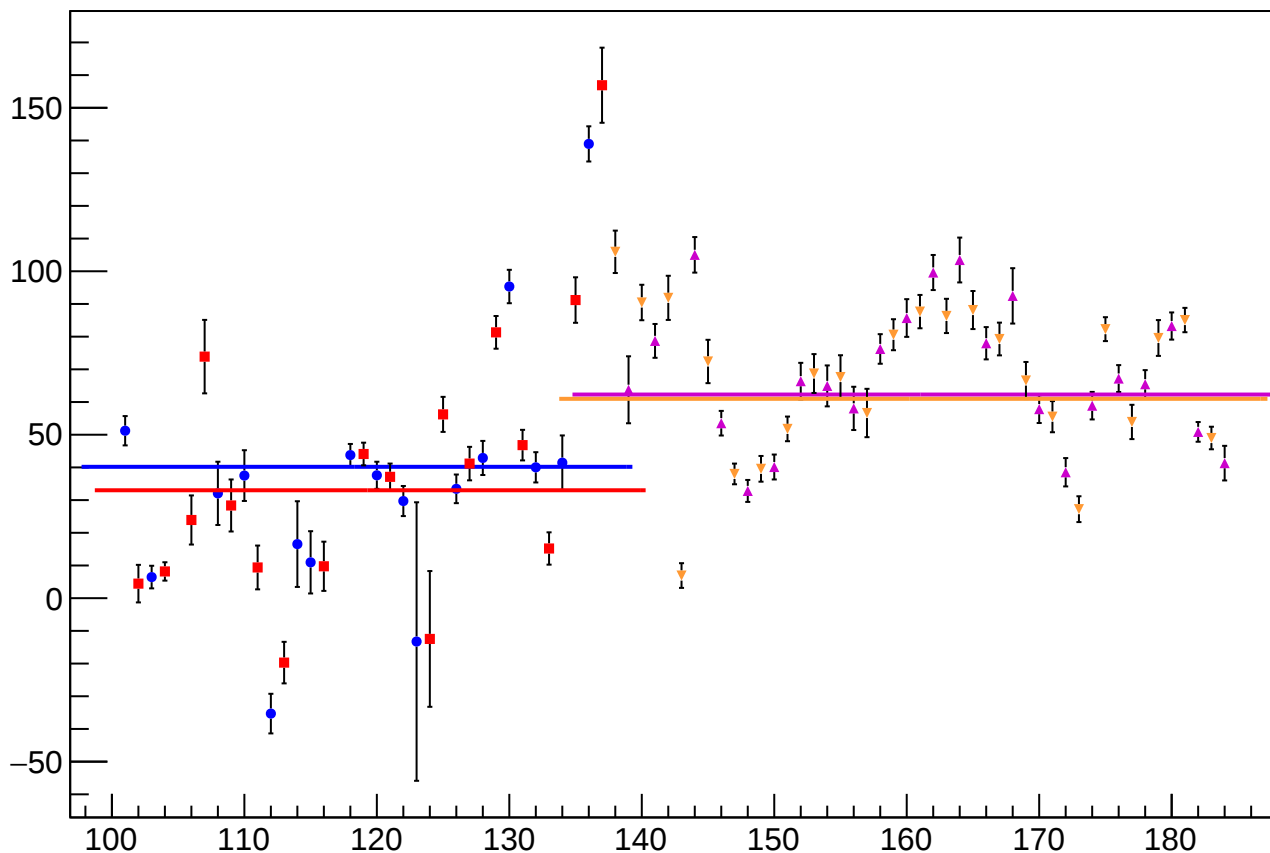
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 199.369 $\pm$ 0.946 χ^2 /NDF:11331.8/39

Out: 189.642 $\pm$ 0.942 χ^2 /NDF:15277.1/41

All: 194.484 $\pm$ 0.667 χ^2 /NDF: 26662.0/81

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 60.979+/-0.951 χ^2/NDF : 677.0/23

Right Out: 33.009+/-1.253 χ^2/NDF : 547.2/17

Left In: 62.290+/-0.971 χ^2/NDF : 411.6/22

Left: 61.621+/-0.680 χ^2/NDF : 1089.6/46

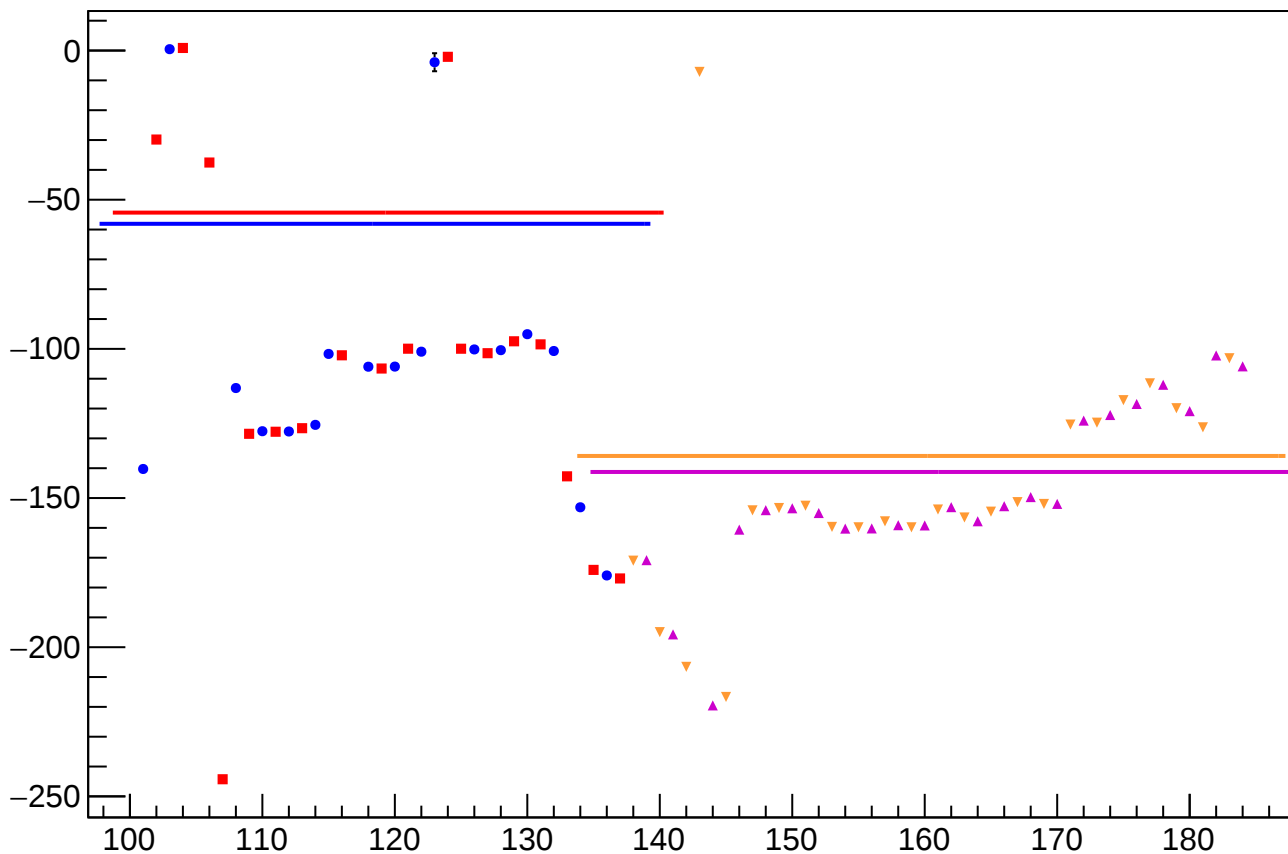
Right: 36.547+/-0.892 χ^2/NDF : 1297.4/34

In: 54.131+/-0.771 χ^2/NDF : 1336.9/39

Out: 50.749+/-0.758 χ^2/NDF : 1540.3/41

All: 52.409+/-0.541 χ^2/NDF : 2887.0/81

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -135.893 $\pm$ 0.045 χ^2 /NDF: 786934.6/23

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -141.259 $\pm$ 0.045 χ^2 /NDF: 350045.9/22

Left: -138.585 $\pm$ 0.032 χ^2 /NDF: 1144035.2/46

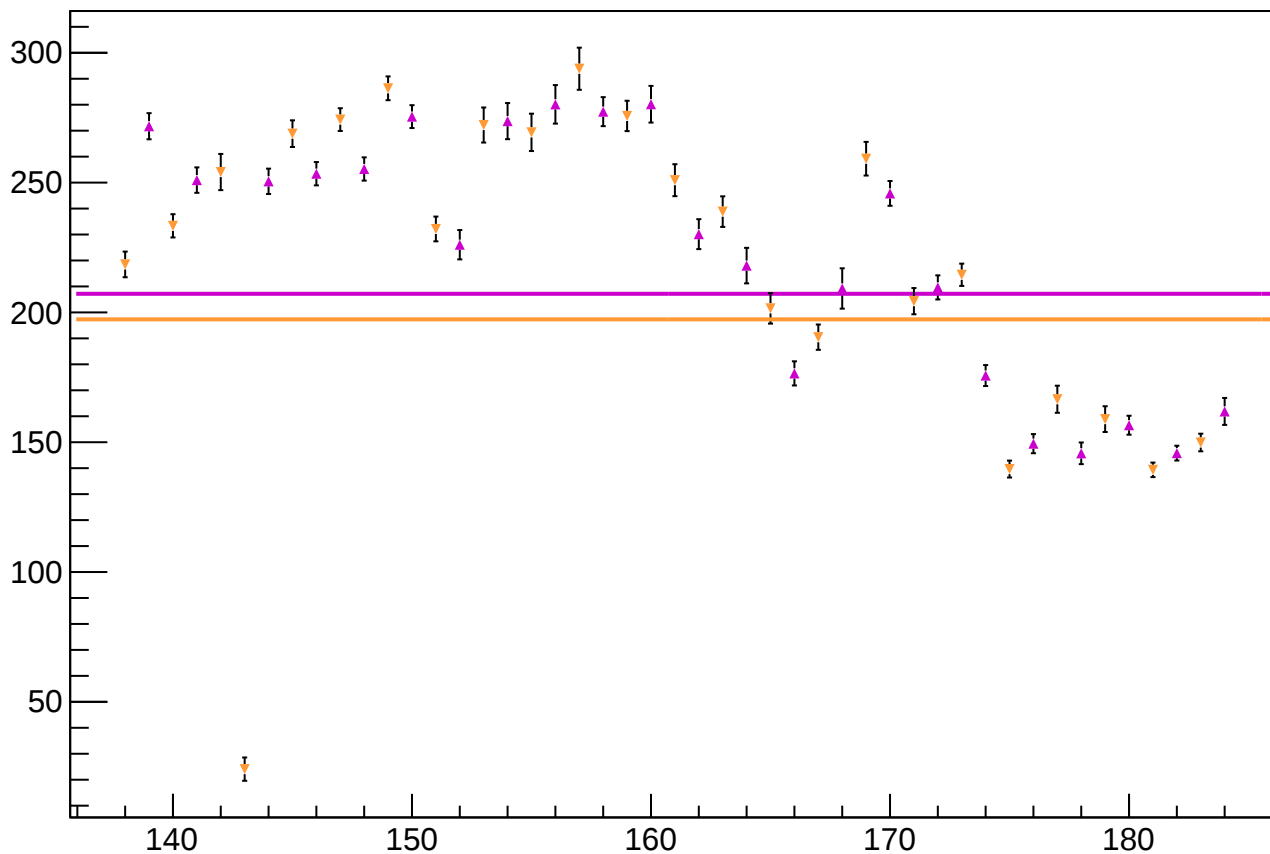
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -112.238 $\pm$ 0.036 χ^2 /NDF: 2640985.8/39

Out: -106.593 $\pm$ 0.036 χ^2 /NDF: 2945218.2/41

All: -109.402 $\pm$ 0.026 χ^2 /NDF: 5598286.7/81

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.330+/-0.972 χ^2/NDF :4384.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Left: 202.181+/-0.692 χ^2/NDF : 7066.4/46

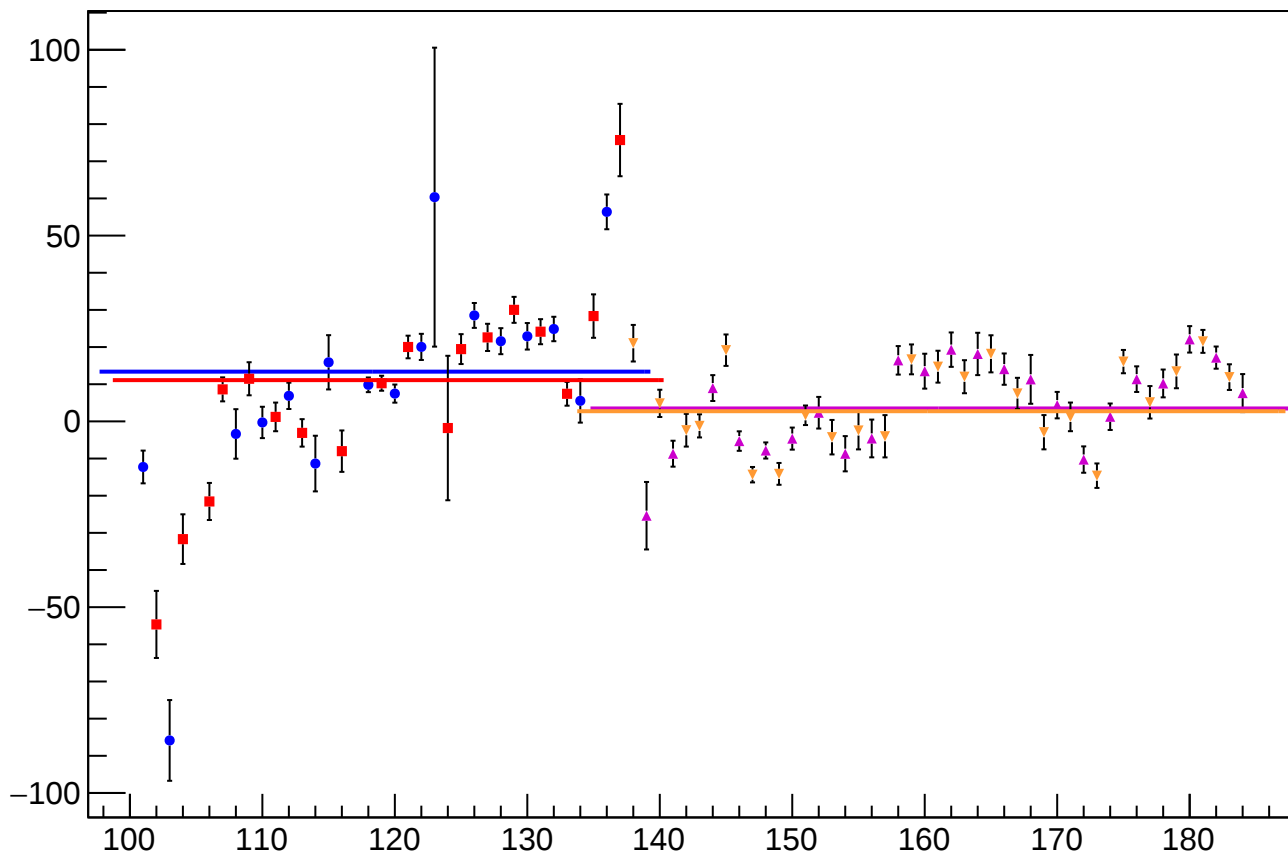
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Out: 197.330+/-0.972 χ^2/NDF :4384.3/23

All: 202.181+/-0.692 χ^2/NDF : 7066.4/46

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 2.738 ± 0.746 χ^2/NDF : 270.4/23

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: 3.478 ± 0.772 χ^2/NDF : 194.7/22

Left: 3.095 ± 0.537 χ^2/NDF : 465.6/46

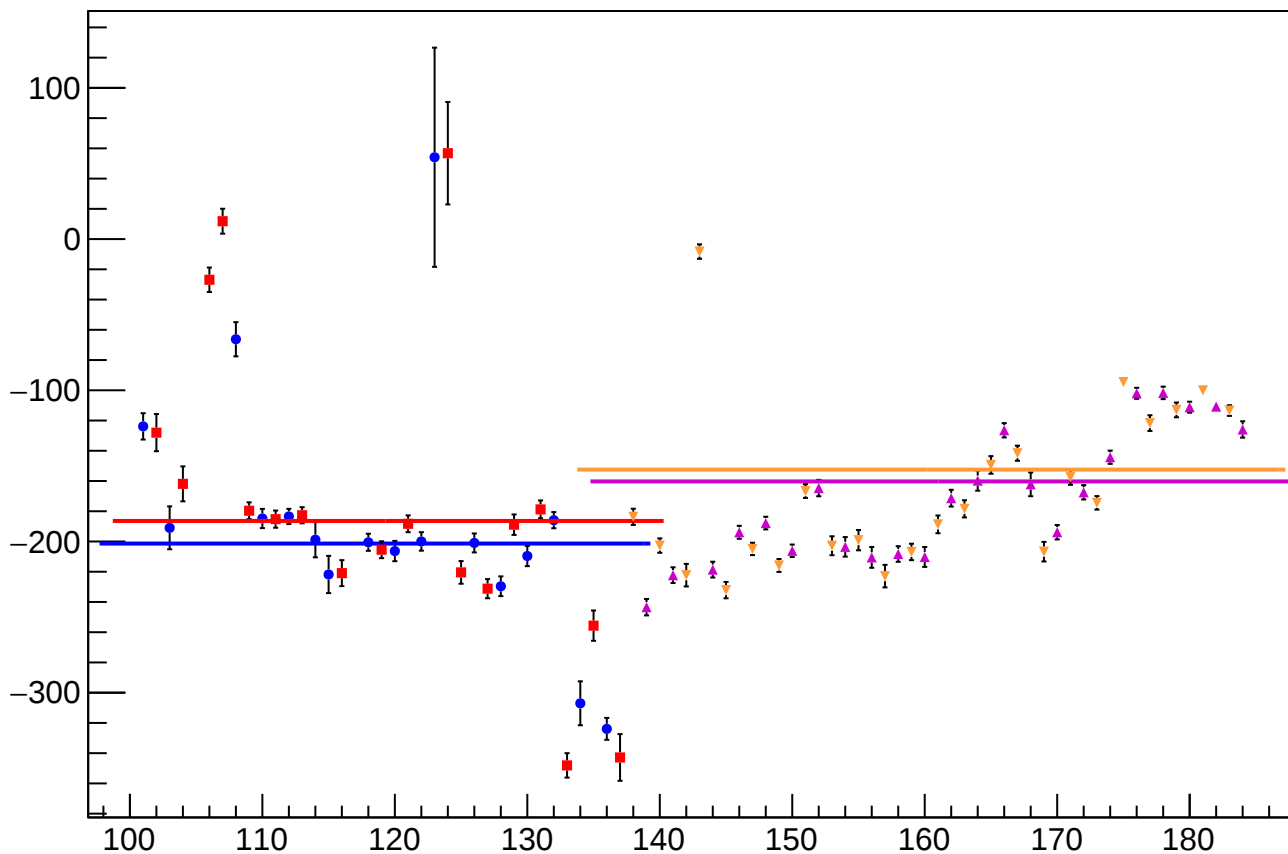
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 7.565 ± 0.592 χ^2/NDF : 556.7/39

Out: 6.076 ± 0.578 χ^2/NDF : 612.8/41

All: 6.804 ± 0.414 χ^2/NDF : 1172.7/81

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -152.466 ± 0.976 χ^2/NDF : 3074.7/23

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

Left: -156.335 ± 0.693 χ^2/NDF : 5155.9/46

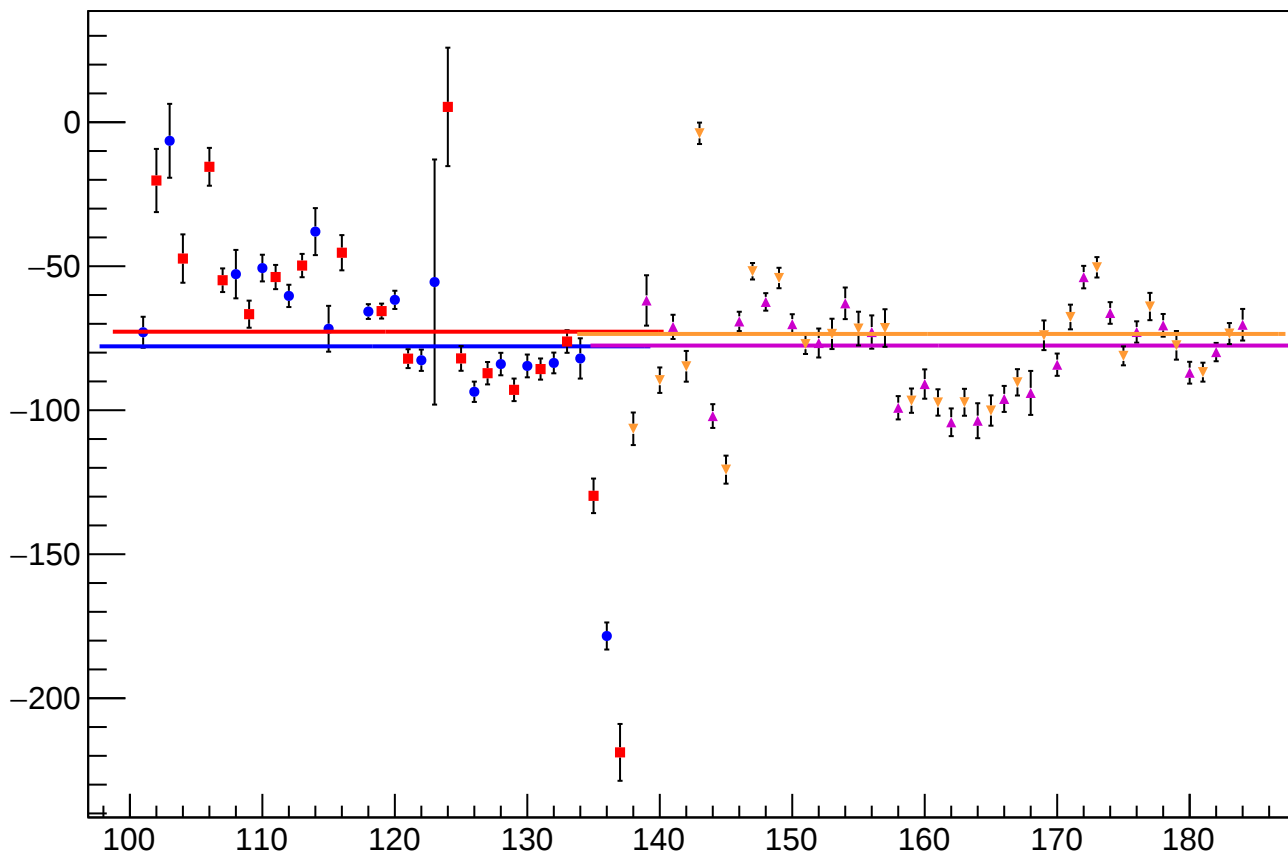
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -169.881 ± 0.862 χ^2/NDF : 3081.1/39

Out: -160.849 ± 0.847 χ^2/NDF : 5073.2/41

All: -165.282 ± 0.604 χ^2/NDF : 8210.2/81

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.510 ± 0.858 χ^2/NDF : 777.9/23

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

Left: -75.477 ± 0.614 χ^2/NDF : 1041.4/46

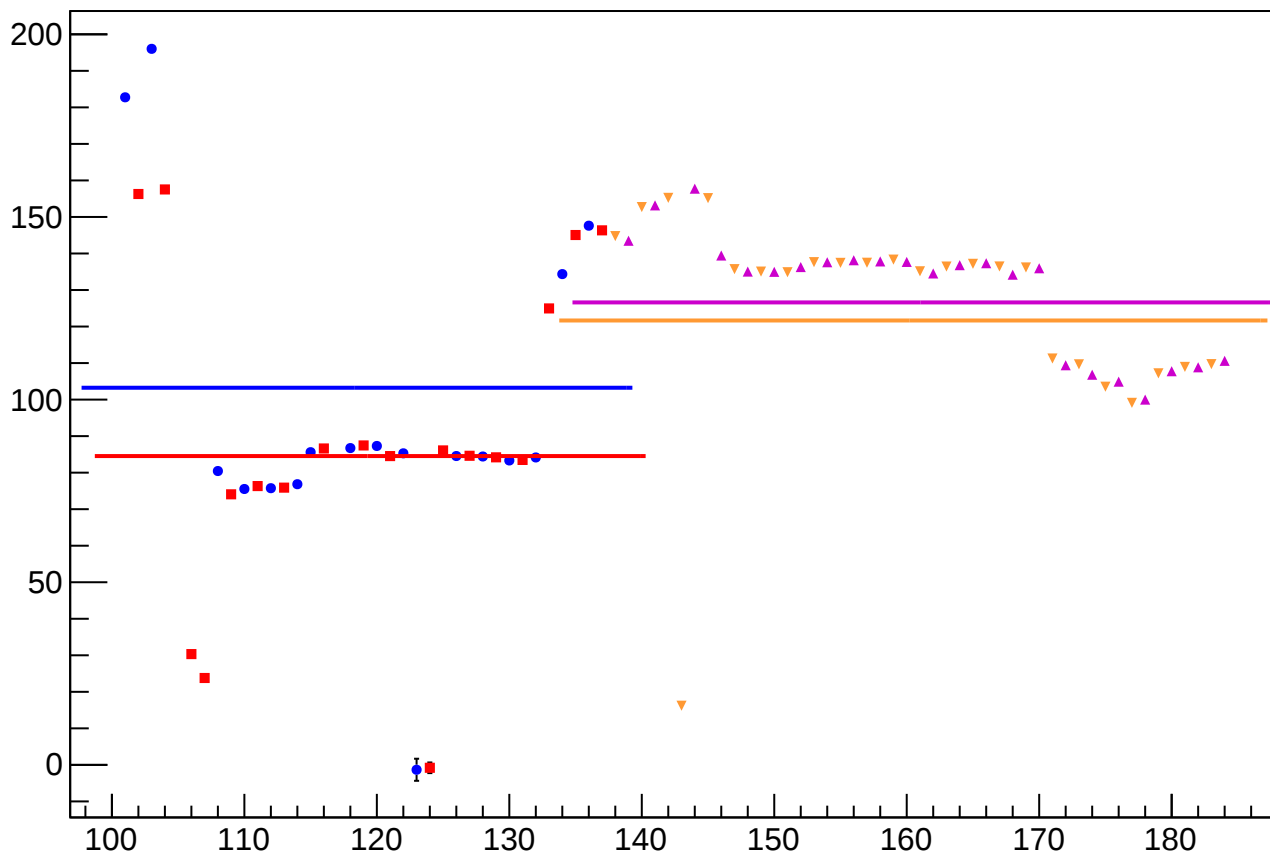
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -77.656 ± 0.679 χ^2/NDF : 909.1/39

Out: -73.200 ± 0.665 χ^2/NDF : 1377.2/41

All: -75.382 ± 0.475 χ^2/NDF : 2308.3/81

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 121.658 $\pm$ 0.041 χ^2 /NDF: 479964.6/23

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

Left: 124.126 $\pm$ 0.029 χ^2 /NDF: 652056.8/46

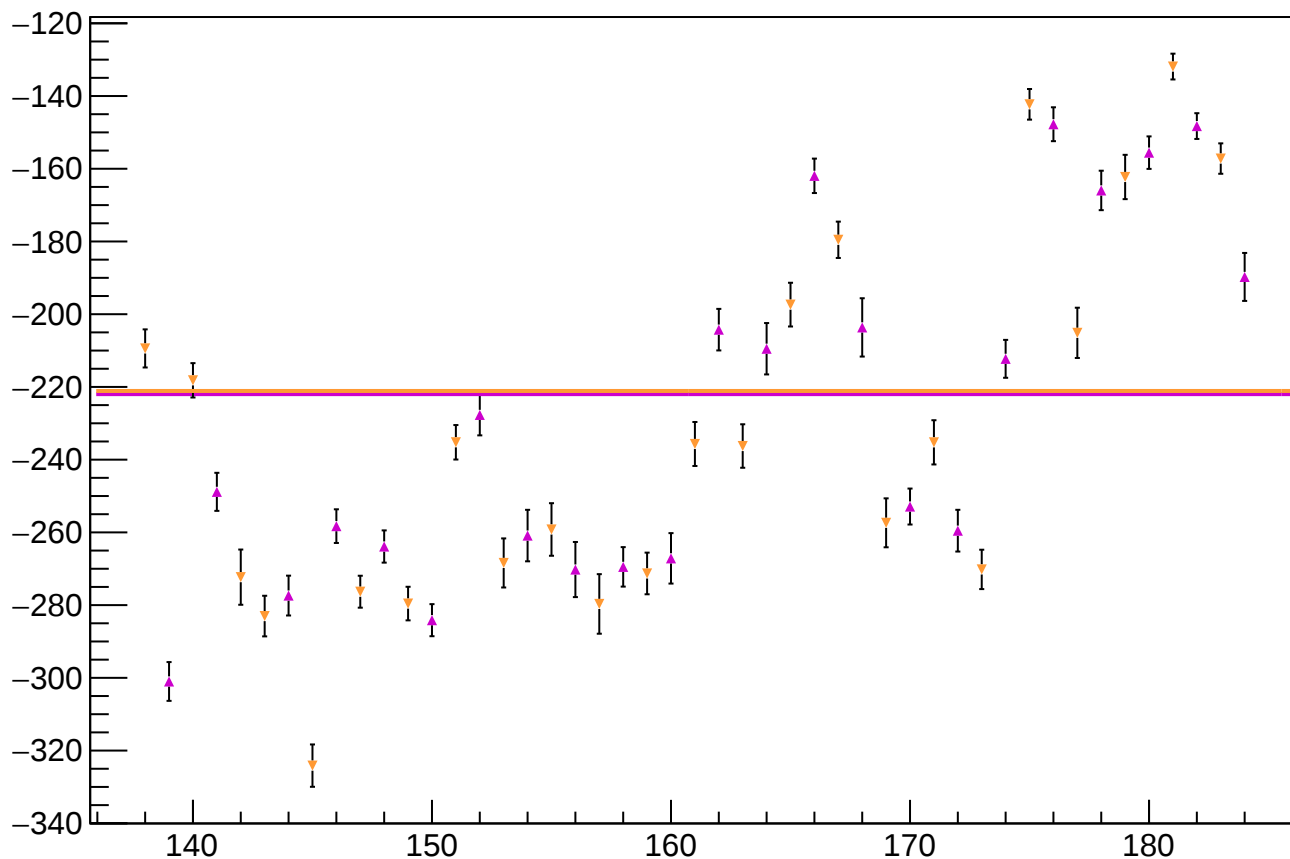
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 120.720 $\pm$ 0.035 χ^2 /NDF: 520356.1/39

Out: 110.913 $\pm$ 0.034 χ^2 /NDF: 1130963.4/41

All: 115.679 $\pm$ 0.025 χ^2 /NDF: 1690848.6/81

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Left: -221.543+/-0.775 χ^2/NDF : 4738.8/46

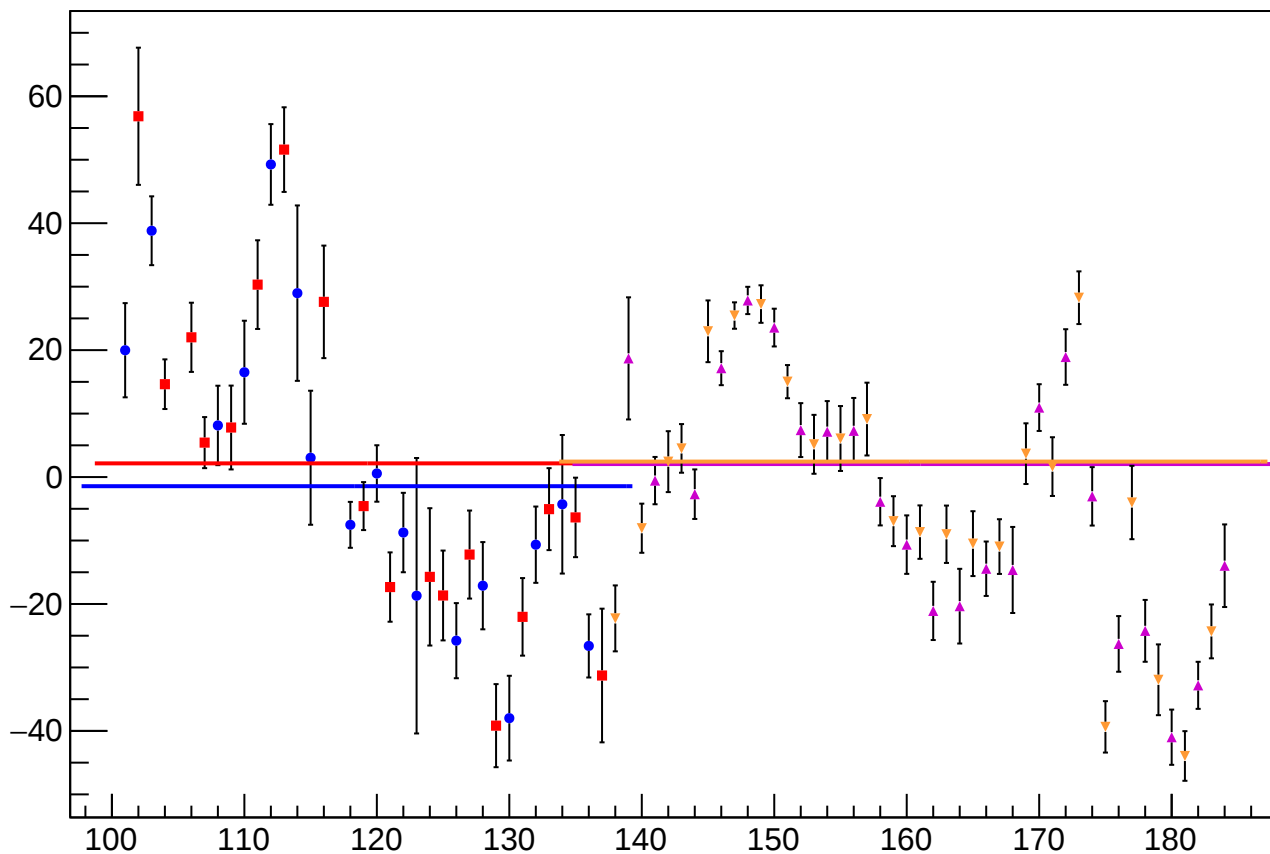
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Out: -221.110+/-1.093 χ^2/NDF :2547.8/23

All: -221.543+/-0.775 χ^2/NDF : 4738.8/46

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 2.438 ± 0.811 χ^2/NDF : 666.3/23

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 2.050 ± 0.833 χ^2/NDF : 592.6/22

Left: 2.249 ± 0.581 χ^2/NDF : 1259.0/46

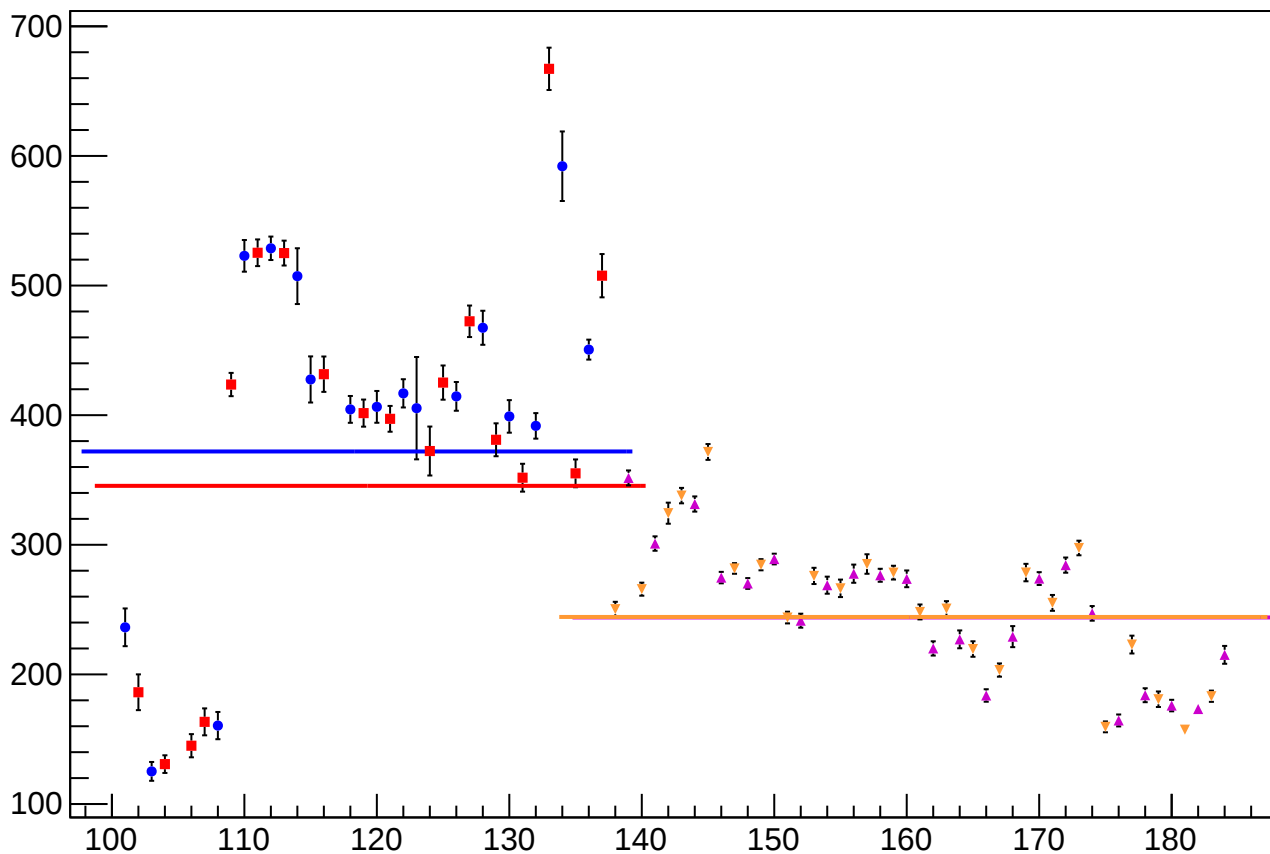
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 1.240 ± 0.730 χ^2/NDF : 821.1/39

Out: 2.367 ± 0.702 χ^2/NDF : 896.5/41

All: 1.826 ± 0.506 χ^2/NDF : 1718.8/81

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 244.321 $\pm$ 1.090 χ^2 /NDF:2559.6/23

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 243.933 $\pm$ 1.090 χ^2 /NDF:2294.8/22

Left: 244.127 $\pm$ 0.771 χ^2 /NDF: 4854.4/46

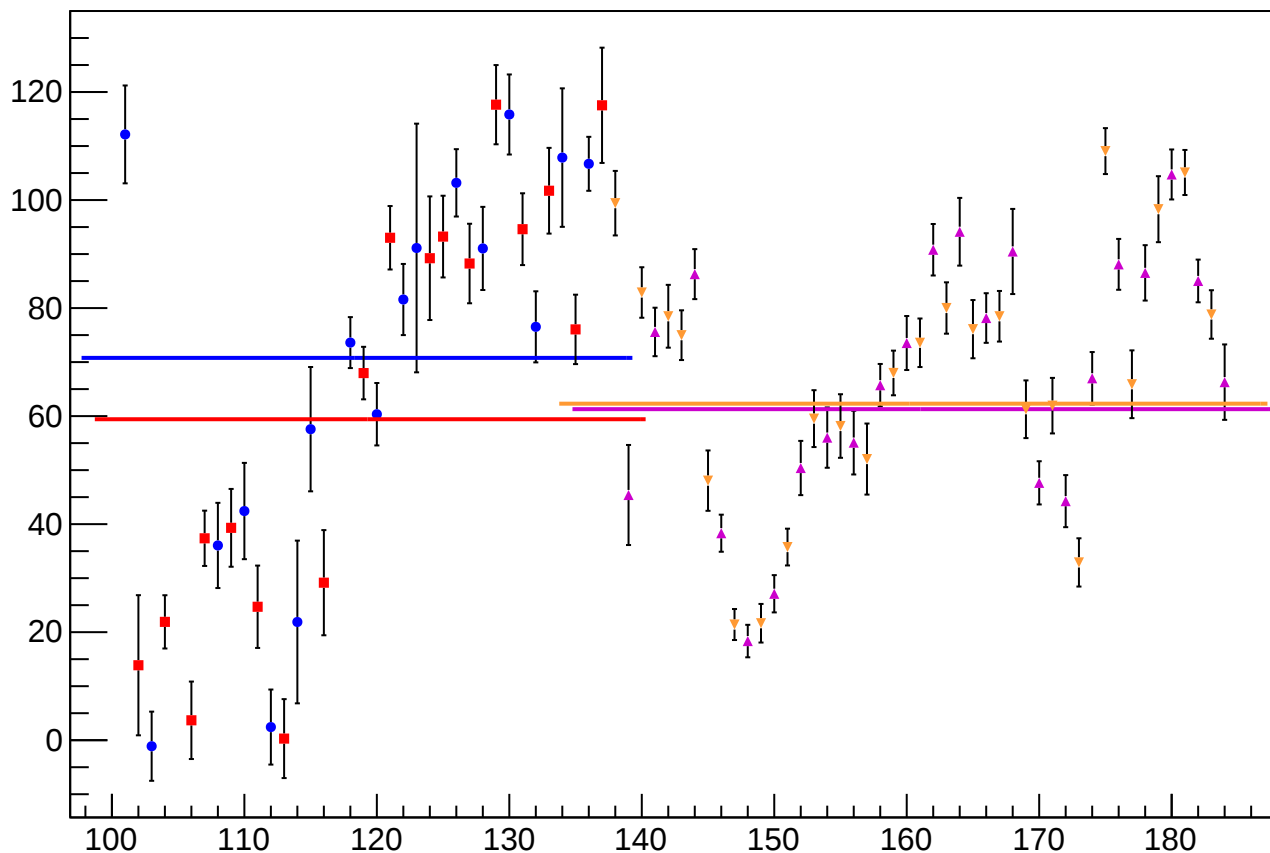
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 261.163 $\pm$ 1.014 χ^2 /NDF:6582.9/39

Out: 259.794 $\pm$ 1.003 χ^2 /NDF:7279.2/41

All: 260.471 $\pm$ 0.713 χ^2 /NDF: 13863.0/81

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 62.302 $\pm$ 0.942 χ^2 /NDF:834.8/23

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 61.286 $\pm$ 0.959 χ^2 /NDF:702.8/22

Left: 61.803 $\pm$ 0.672 χ^2 /NDF: 1538.2/46

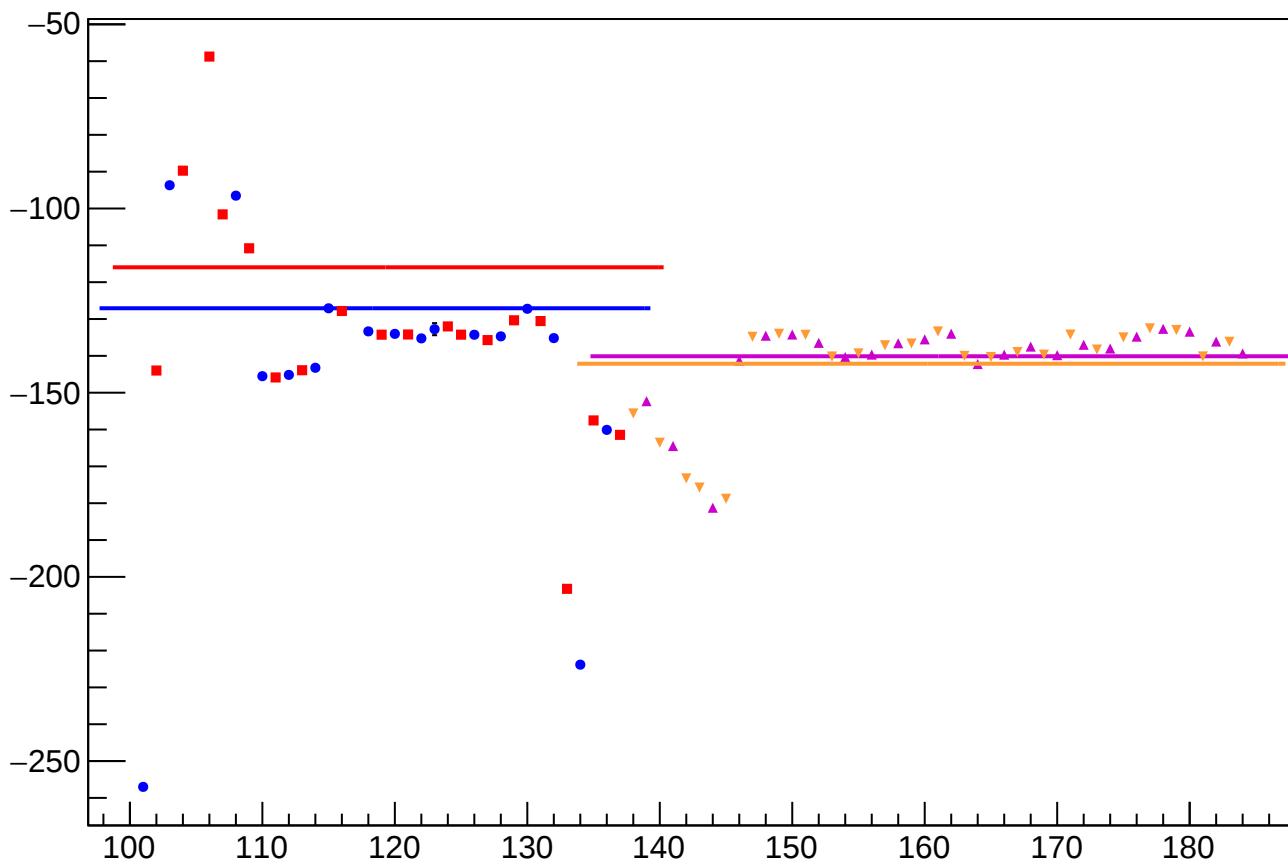
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 63.485 $\pm$ 0.840 χ^2 /NDF:1149.4/39

Out: 61.582 $\pm$ 0.816 χ^2 /NDF:1323.8/41

All: 62.505 $\pm$ 0.585 χ^2 /NDF: 2475.8/81

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -142.135+/-0.045 χ^2/NDF : 79564.9/23

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -140.112+/-0.045 χ^2/NDF : 48400.6/22

Left: -141.116+/-0.032 χ^2/NDF : 128976.6/46

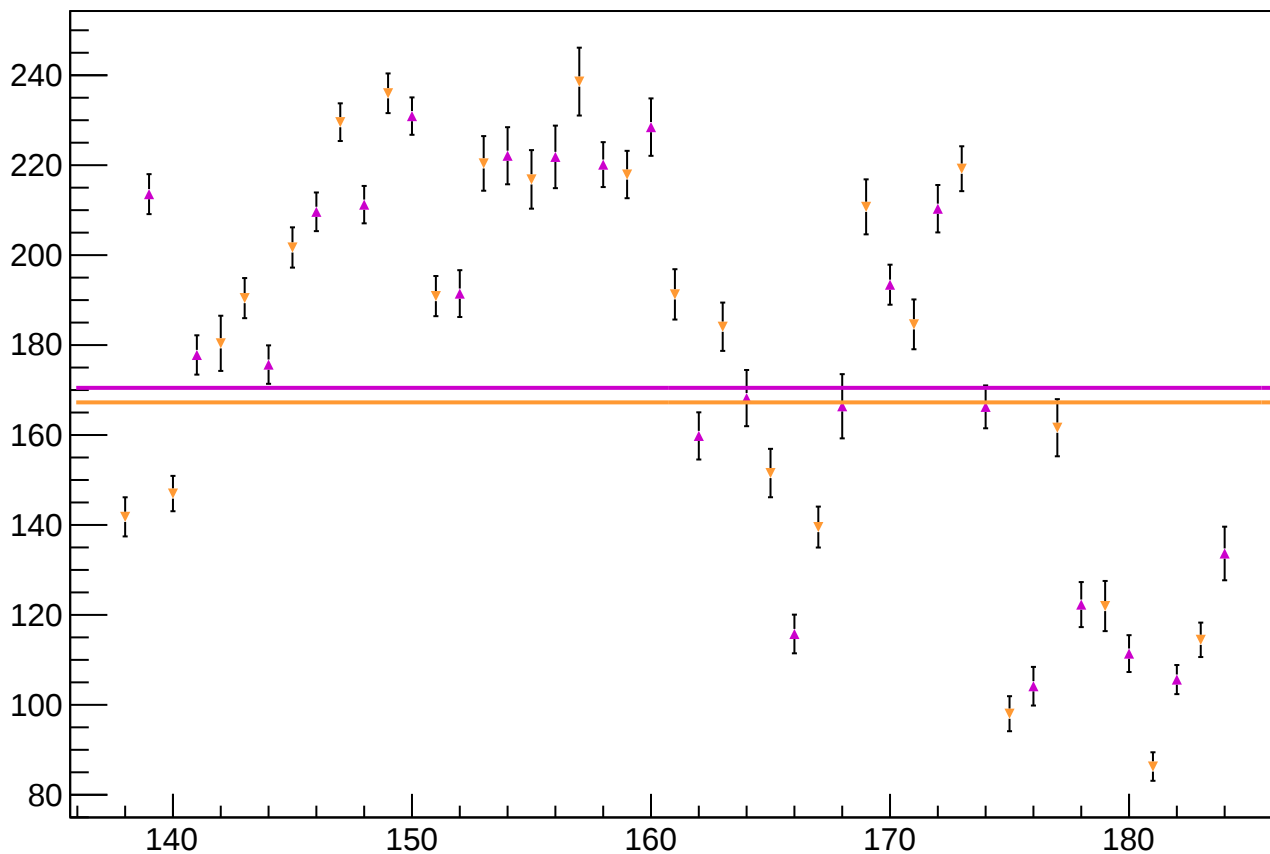
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.498+/-0.040 χ^2/NDF : 232380.7/39

Out: -136.162+/-0.040 χ^2/NDF : 315280.6/41

All: -136.823+/-0.028 χ^2/NDF : 548223.2/81

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 167.256 ± 0.978 χ^2/NDF : 2427.4/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 170.487 ± 0.991 χ^2/NDF : 2036.5/22

Left: 168.849 ± 0.696 χ^2/NDF : 4469.2/46

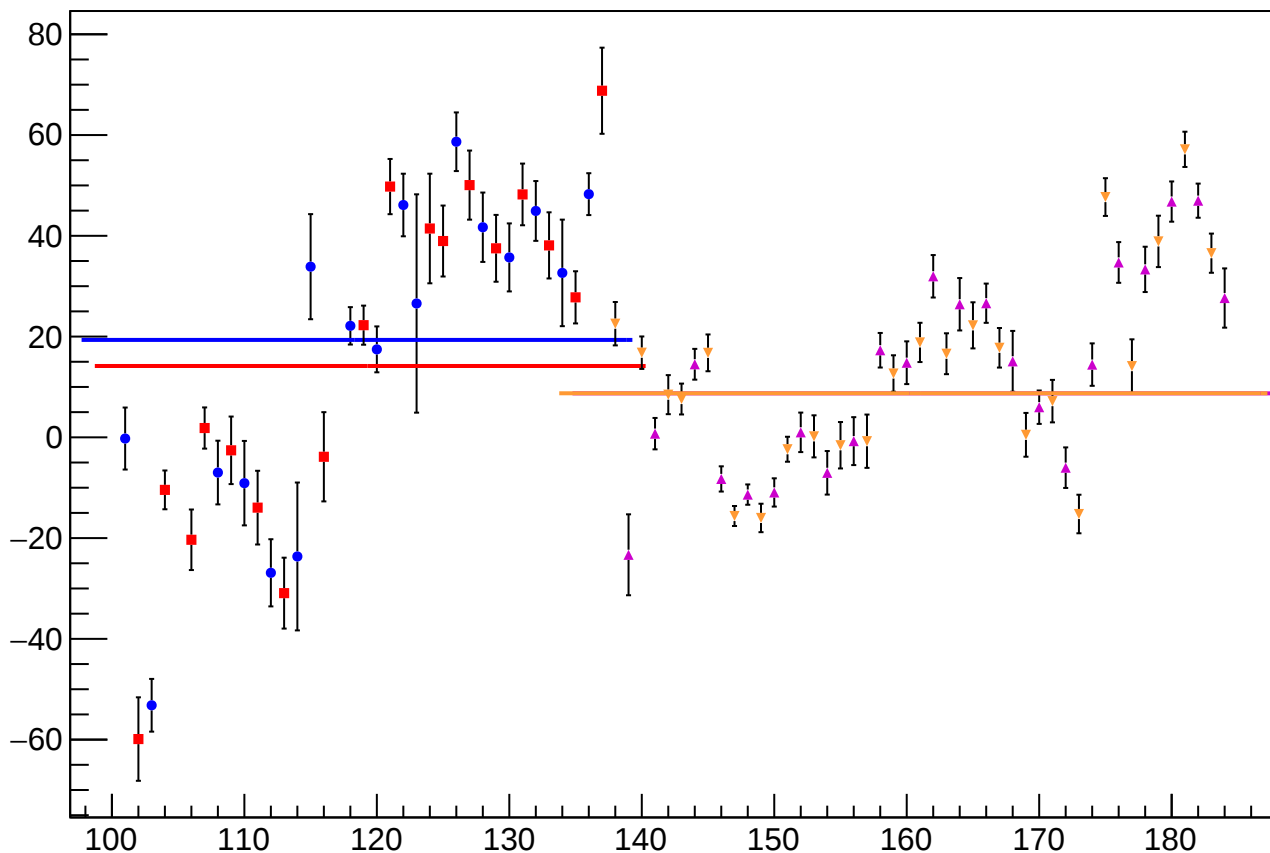
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 170.487 ± 0.991 χ^2/NDF : 2036.5/22

Out: 167.256 ± 0.978 χ^2/NDF : 2427.4/23

All: 168.849 ± 0.696 χ^2/NDF : 4469.2/46

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: 8.744 ± 0.732 $\chi^2/\text{NDF}: 736.6/23$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

Left: 8.737 ± 0.526 $\chi^2/\text{NDF}: 1366.7/46$

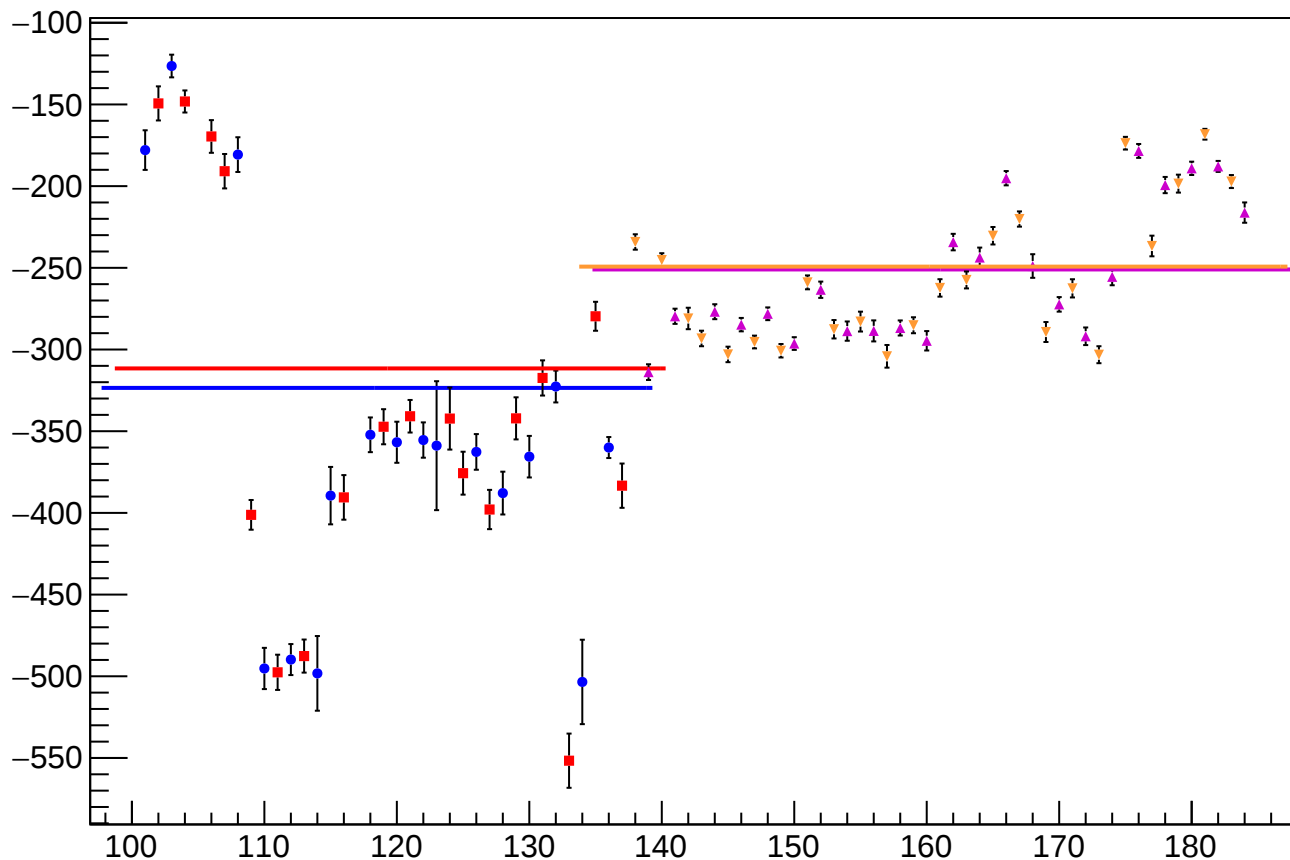
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 10.923 ± 0.674 $\chi^2/\text{NDF}: 1110.6/39$

Out: 9.919 ± 0.648 $\chi^2/\text{NDF}: 1174.5/41$

All: 10.401 ± 0.467 $\chi^2/\text{NDF}: 2286.2/81$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 $\pm$ 2.673 χ^2 /NDF: 1847.6/16

Left Out: -249.260 $\pm$ 0.979 χ^2 /NDF:2200.8/23

Right Out: -311.573 $\pm$ 2.527 χ^2 /NDF: 2243.8/17

Left In: -251.002 $\pm$ 0.987 χ^2 /NDF:1958.3/22

Left: -250.125 $\pm$ 0.695 χ^2 /NDF: 4160.7/46

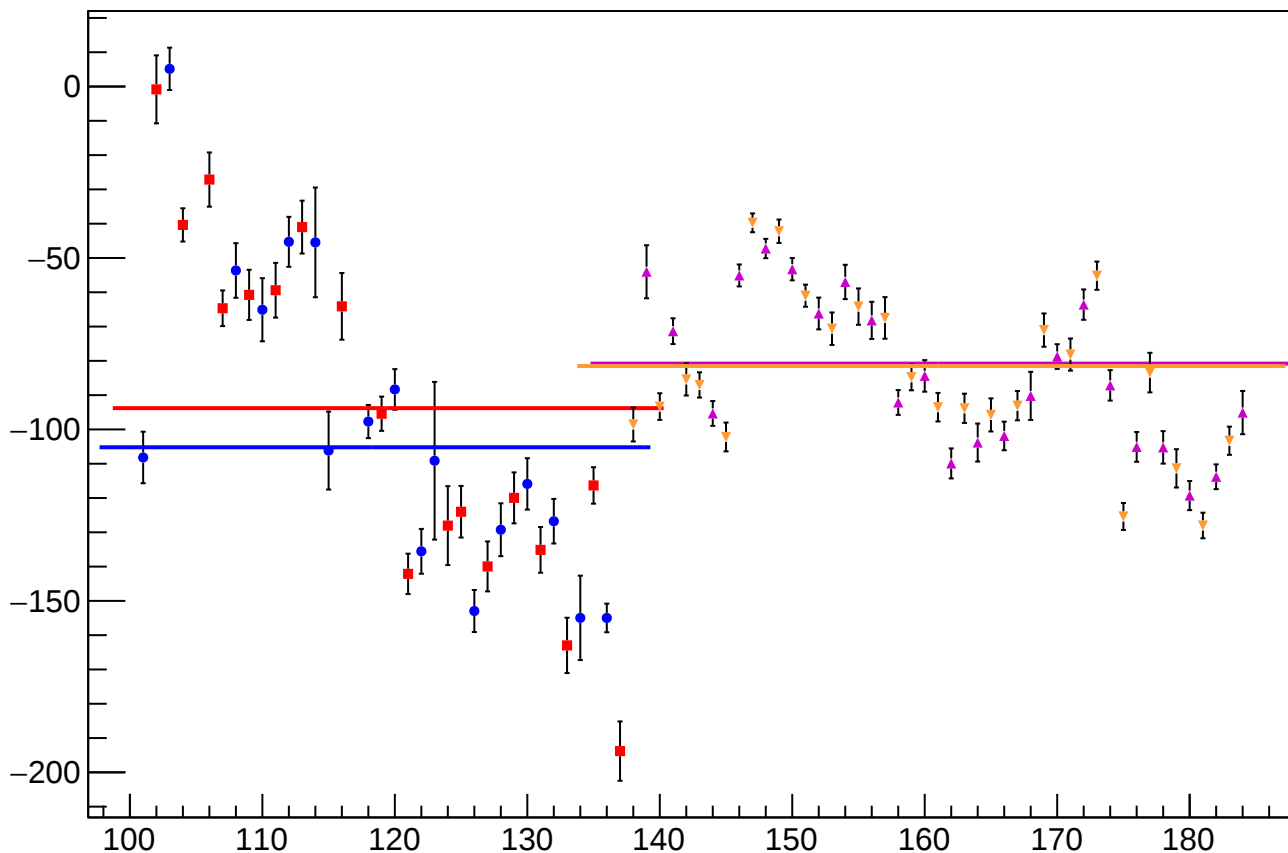
Right: -317.199 $\pm$ 1.836 χ^2 /NDF: 4101.9/34

In: -259.698 $\pm$ 0.926 χ^2 /NDF:4453.3/39

Out: -257.393 $\pm$ 0.913 χ^2 /NDF:4973.3/41

All: -258.529 $\pm$ 0.650 χ^2 /NDF: 9429.7/81

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -81.512 ± 0.848 χ^2/NDF : 891.4/23

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

Left: -81.167 ± 0.607 χ^2/NDF : 1587.2/46

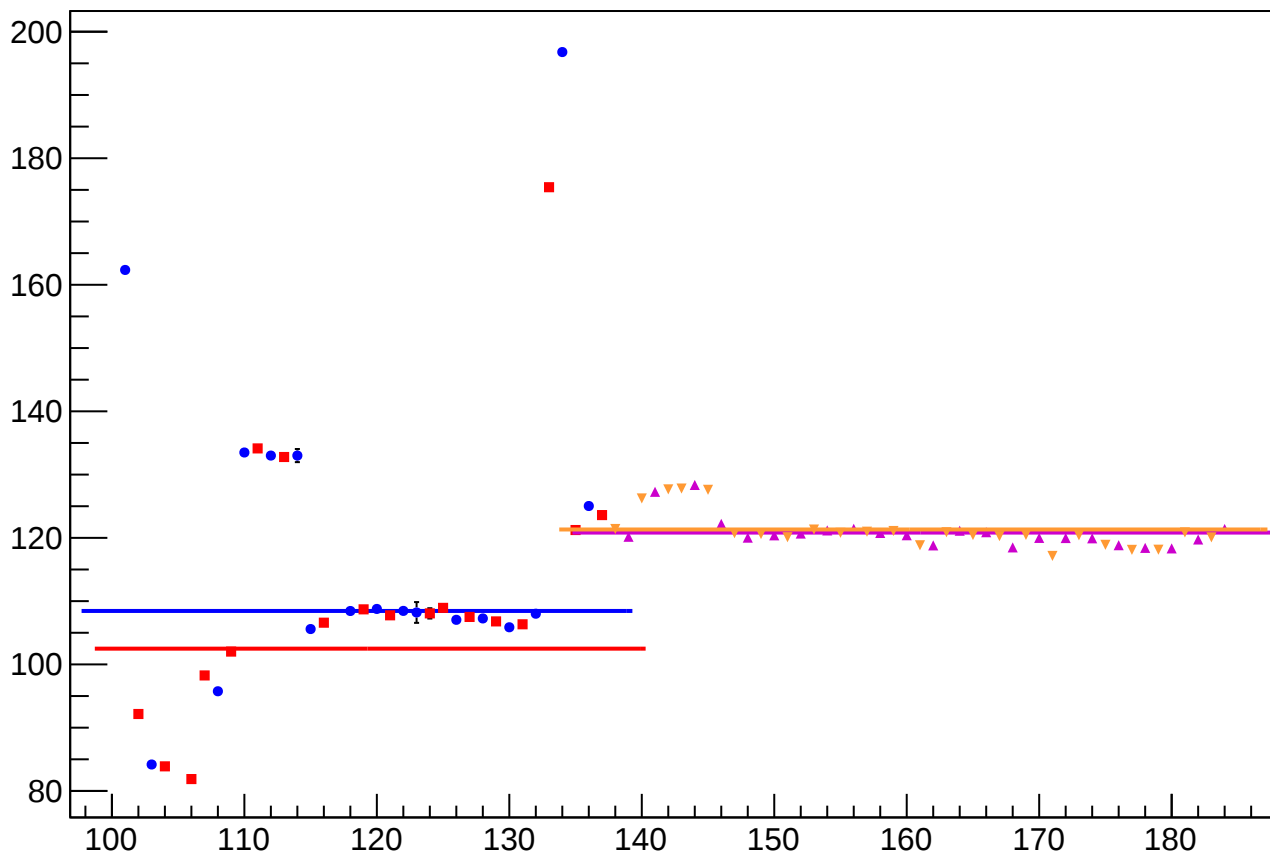
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -85.880 ± 0.774 χ^2/NDF : 1594.8/39

Out: -84.178 ± 0.751 χ^2/NDF : 1752.3/41

All: -85.003 ± 0.539 χ^2/NDF : 3349.6/81

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.324 $\pm$ 0.040 χ^2 /NDF: 4883.8/23

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

Left: 121.080 $\pm$ 0.029 χ^2 /NDF: 8329.4/46

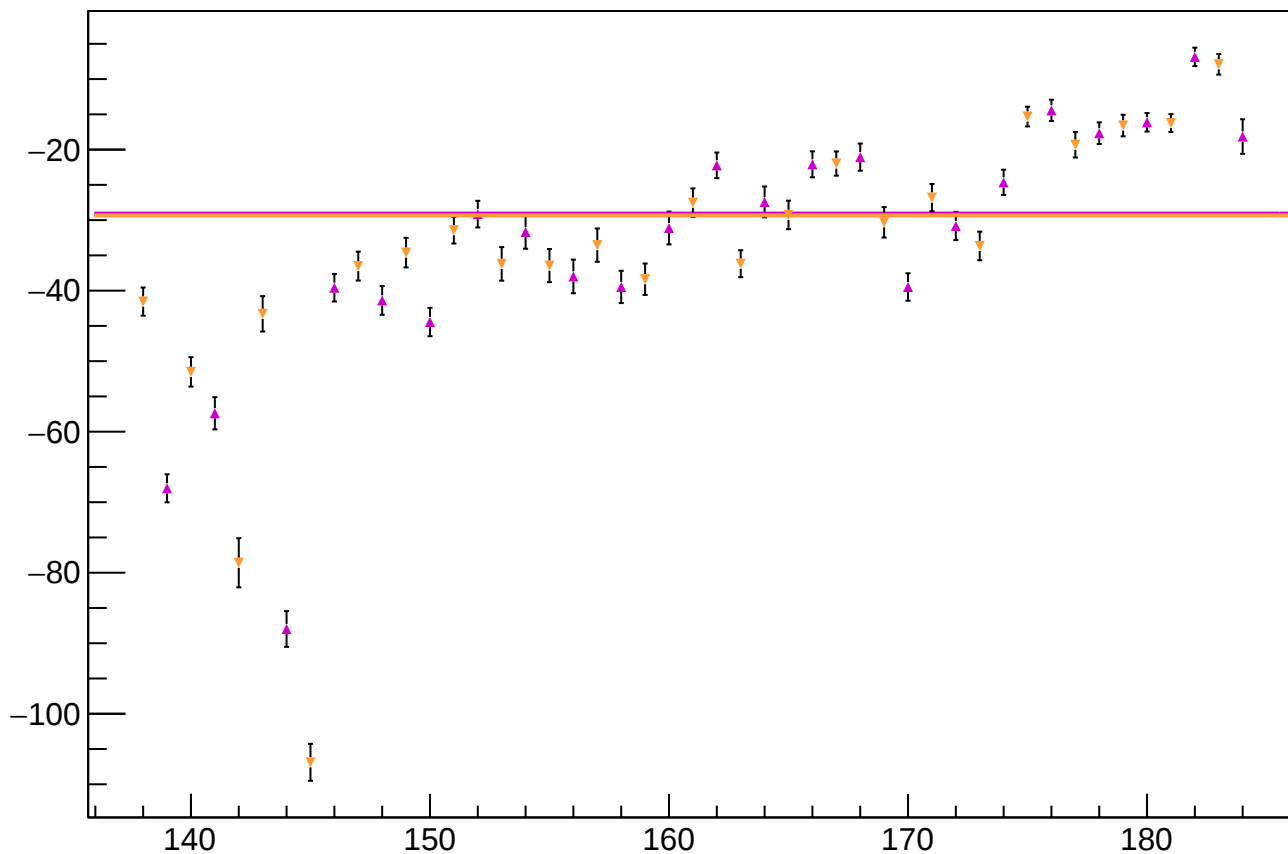
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 118.532 $\pm$ 0.037 χ^2 /NDF: 94009.7/39

Out: 117.455 $\pm$ 0.036 χ^2 /NDF: 102274.1/41

All: 117.986 $\pm$ 0.026 χ^2 /NDF: 196723.9/81

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: -29.325+/-0.392 χ^2/NDF :1875.3/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Left: -29.200+/-0.278 χ^2/NDF : 3747.9/46

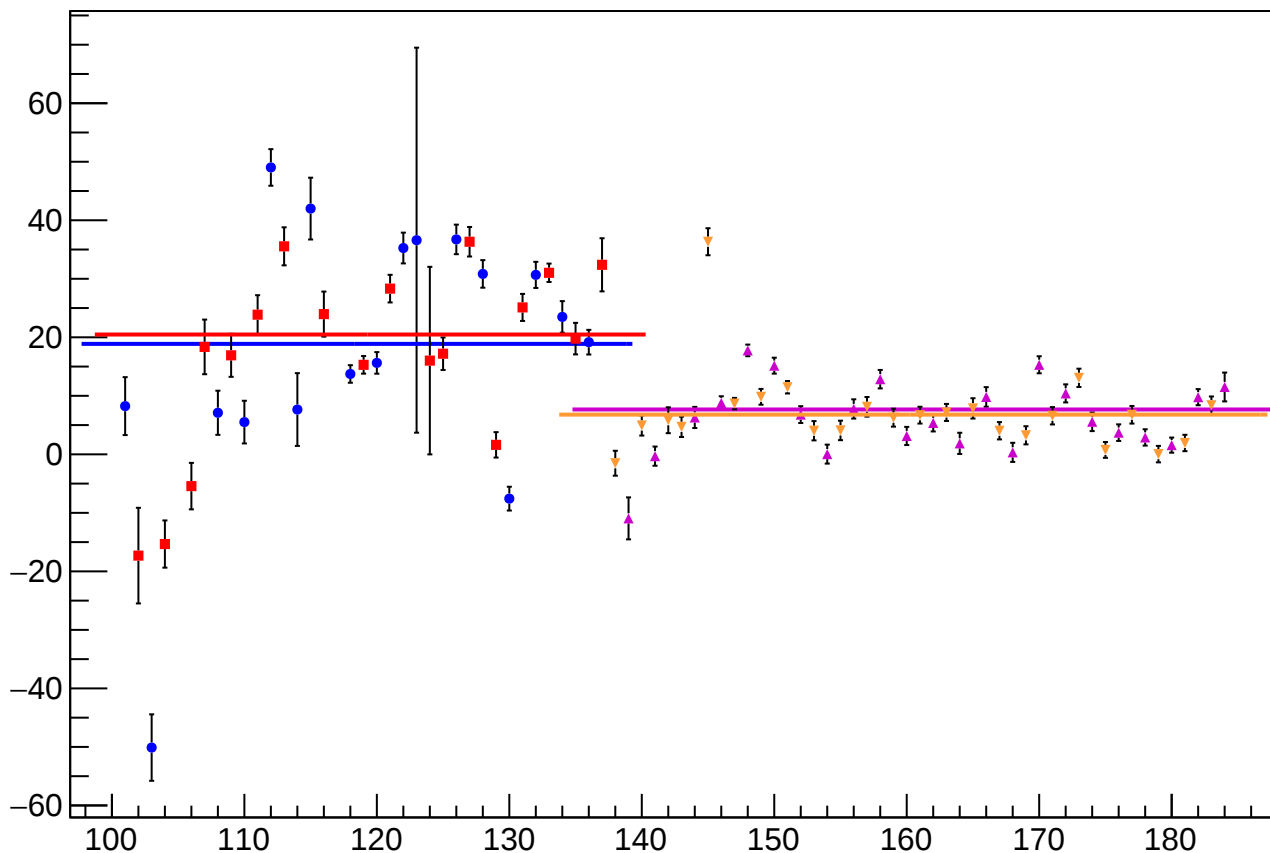
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Out: -29.325+/-0.392 χ^2/NDF :1875.3/23

All: -29.200+/-0.278 χ^2/NDF : 3747.9/46

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 ± 0.644 χ^2/NDF : 620.5/16

Left Out: 6.785 ± 0.305 χ^2/NDF : 297.2/23

Right Out: 20.474 ± 0.644 χ^2/NDF : 362.4/17

Left In: 7.666 ± 0.313 χ^2/NDF : 341.1/22

Left: 7.214 ± 0.218 χ^2/NDF : 642.4/46

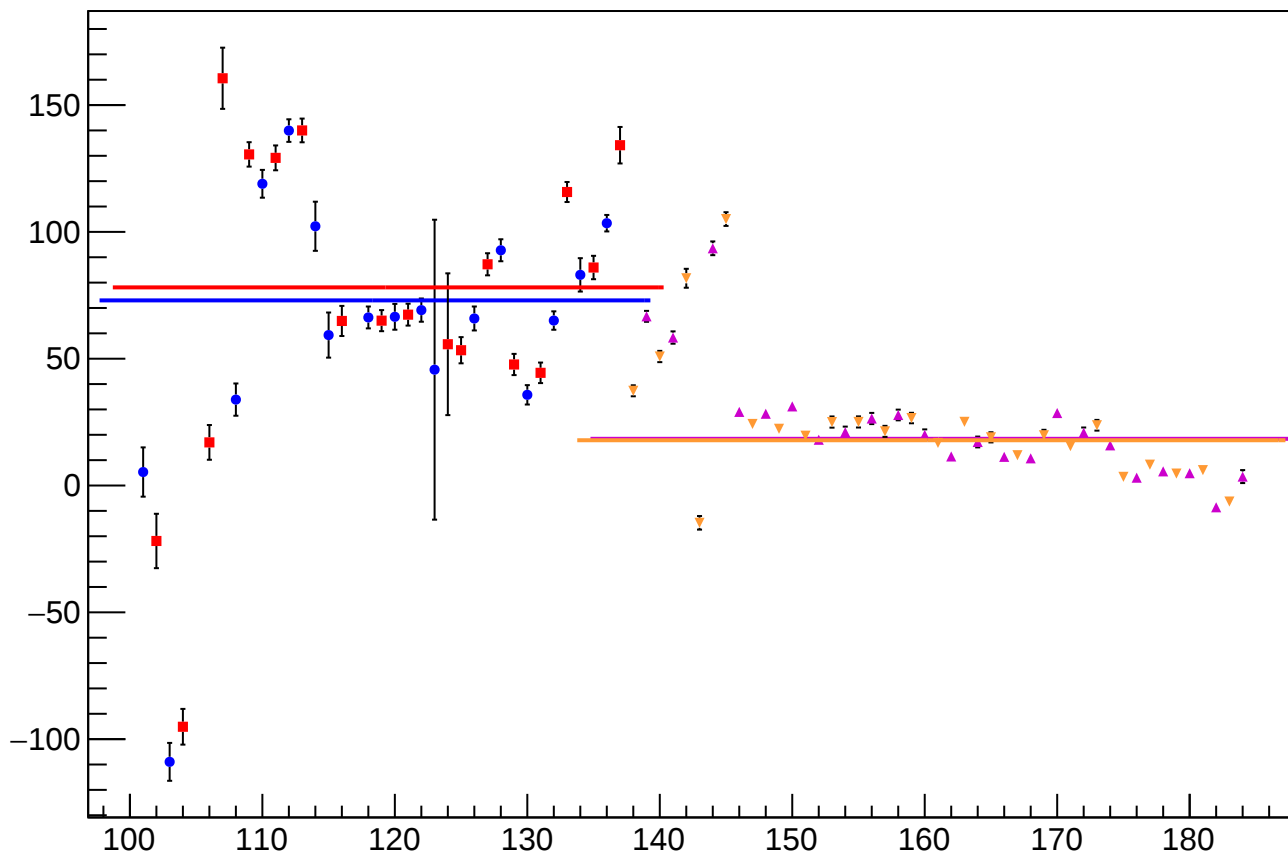
Right: 19.676 ± 0.455 χ^2/NDF : 986.0/34

In: 9.803 ± 0.281 χ^2/NDF : 1206.5/39

Out: 9.295 ± 0.276 χ^2/NDF : 1029.1/41

All: 9.543 ± 0.197 χ^2/NDF : 2237.3/81

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 17.851 $\pm$ 0.390 χ^2 /NDF:2423.1/23

Right Out: 78.119 $\pm$ 1.224 χ^2 /NDF: 1546.8/17

Left In: 18.416 $\pm$ 0.391 χ^2 /NDF:2468.4/22

Left: 18.133 $\pm$ 0.276 χ^2 /NDF: 4892.6/46

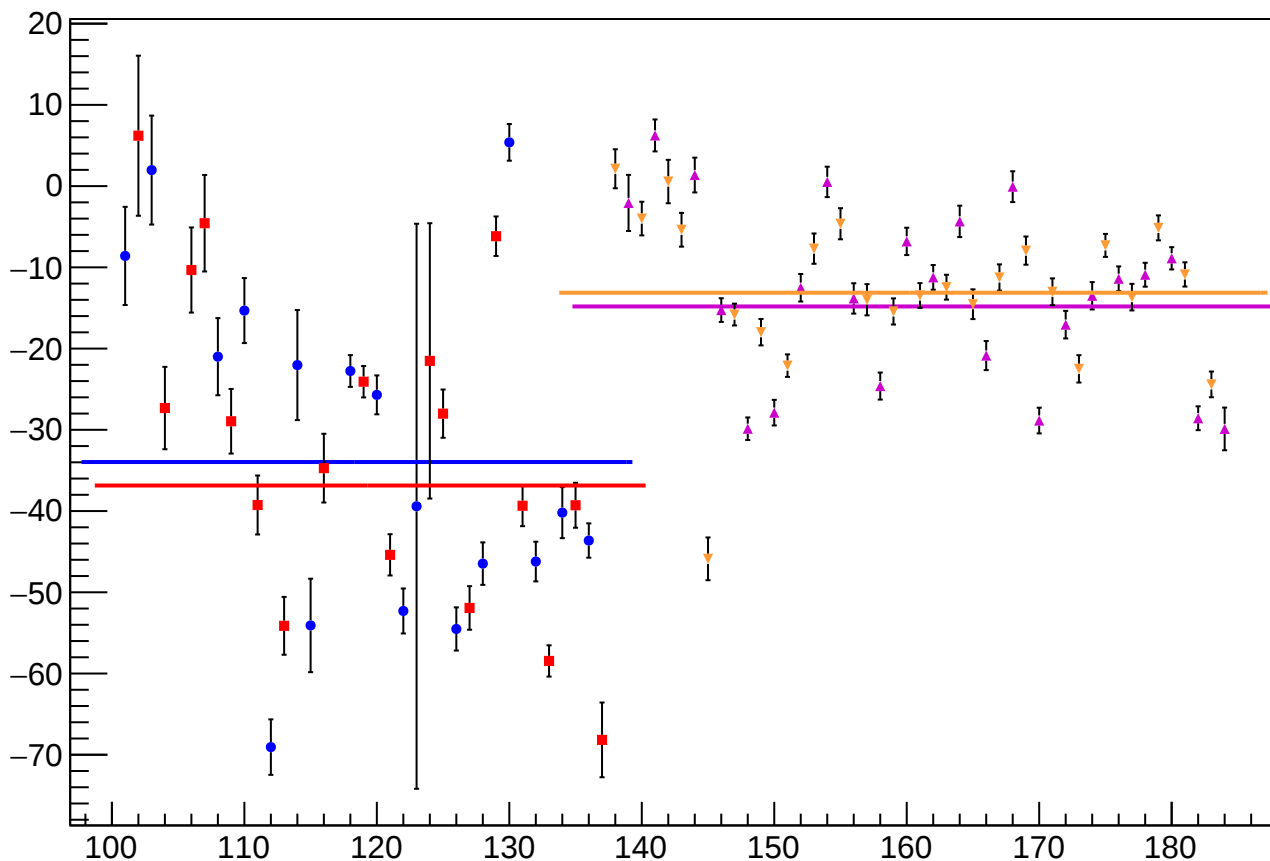
Right: 75.568 $\pm$ 0.868 χ^2 /NDF: 2761.0/34

In: 23.431 $\pm$ 0.373 χ^2 /NDF:5461.7/39

Out: 23.411 $\pm$ 0.372 χ^2 /NDF:6171.2/41

All: 23.421 $\pm$ 0.263 χ^2 /NDF: 11632.9/81

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -13.124 ± 0.346 χ^2/NDF : 479.5/23

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -14.815 ± 0.353 χ^2/NDF : 838.2/22

Left: -13.953 ± 0.247 χ^2/NDF : 1329.5/46

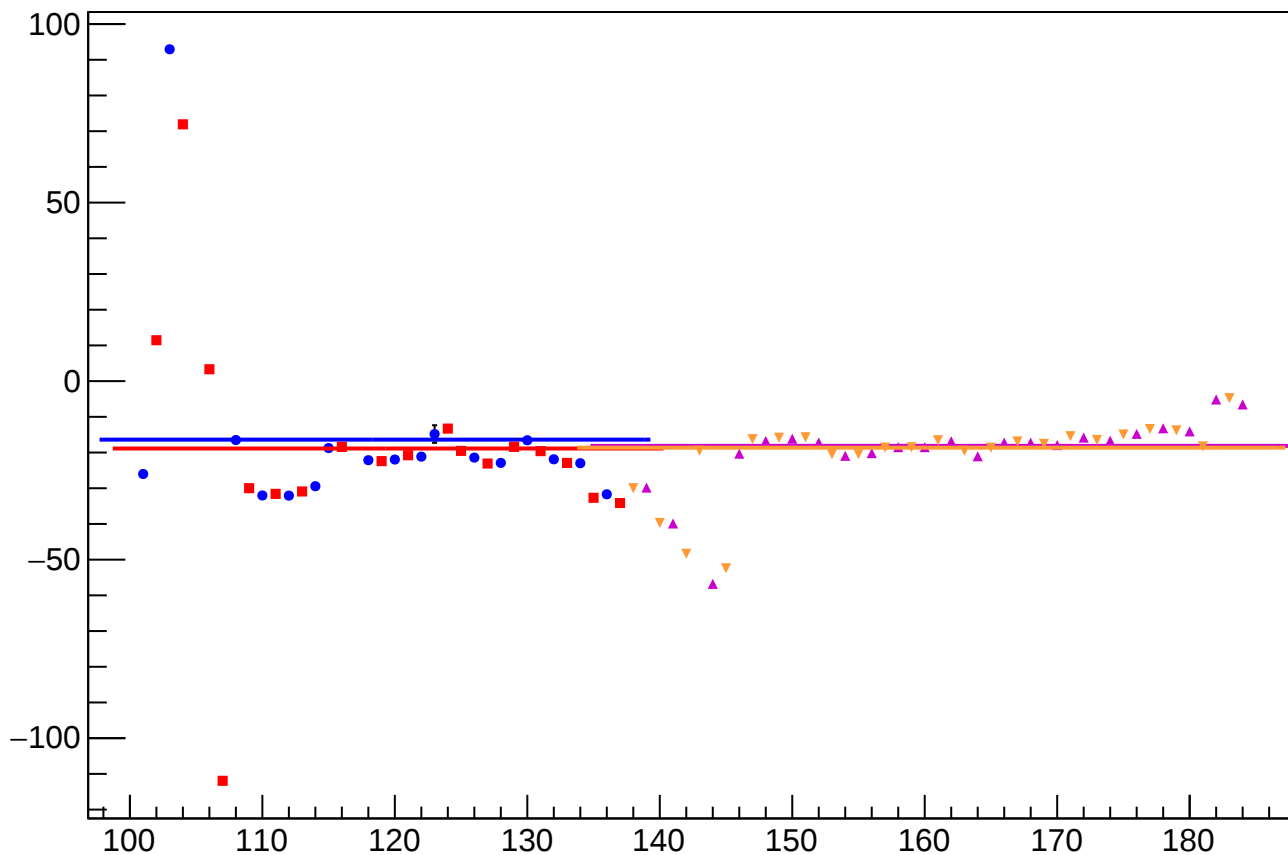
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -18.386 ± 0.319 χ^2/NDF : 2108.6/39

Out: -17.420 ± 0.314 χ^2/NDF : 1864.2/41

All: -17.895 ± 0.223 χ^2/NDF : 3977.4/81

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: -18.638 ± 0.016 $\chi^2/\text{NDF}: 266448.9/23$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

Left: -18.387 ± 0.011 $\chi^2/\text{NDF}: 512594.2/46$

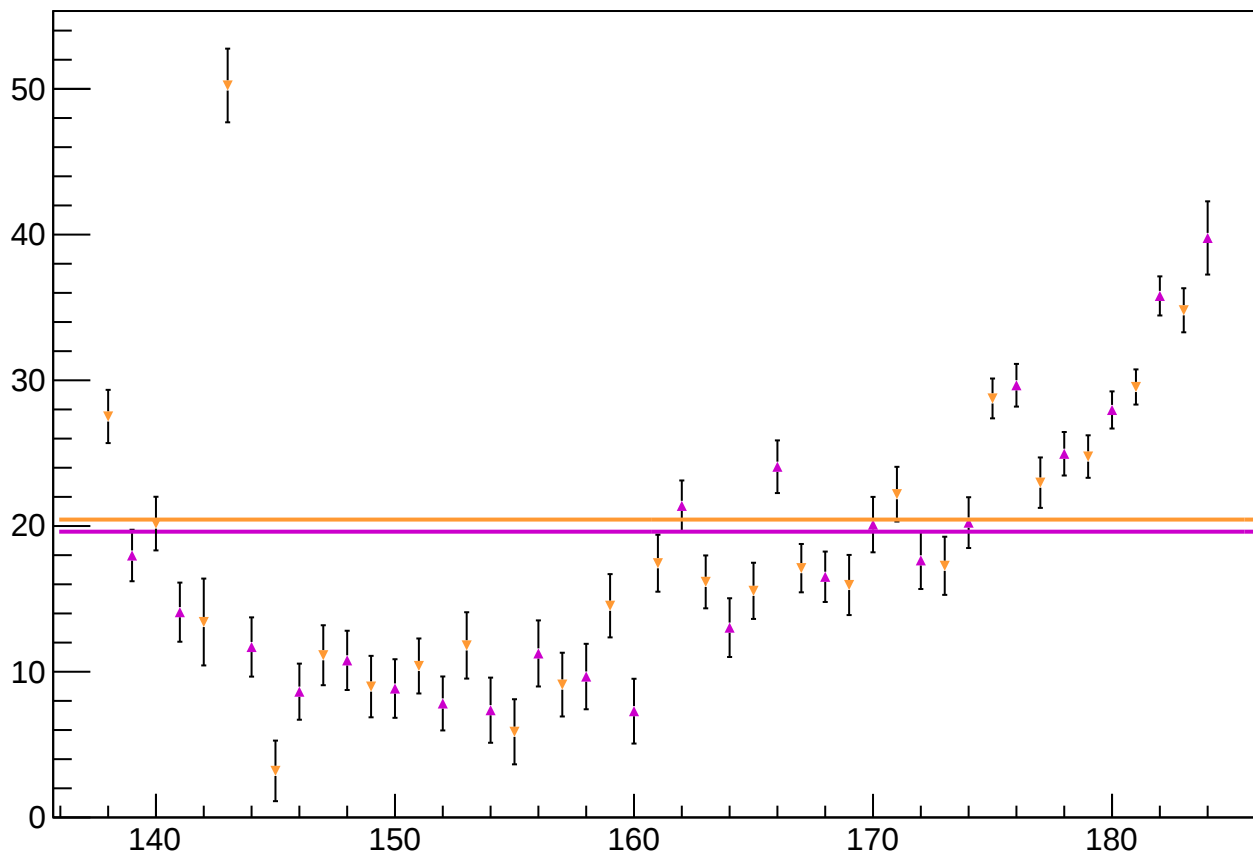
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -17.934 ± 0.015 $\chi^2/\text{NDF}: 721315.8/39$

Out: -18.664 ± 0.015 $\chi^2/\text{NDF}: 699845.2/41$

All: -18.299 ± 0.011 $\chi^2/\text{NDF}: 1422335.3/81$

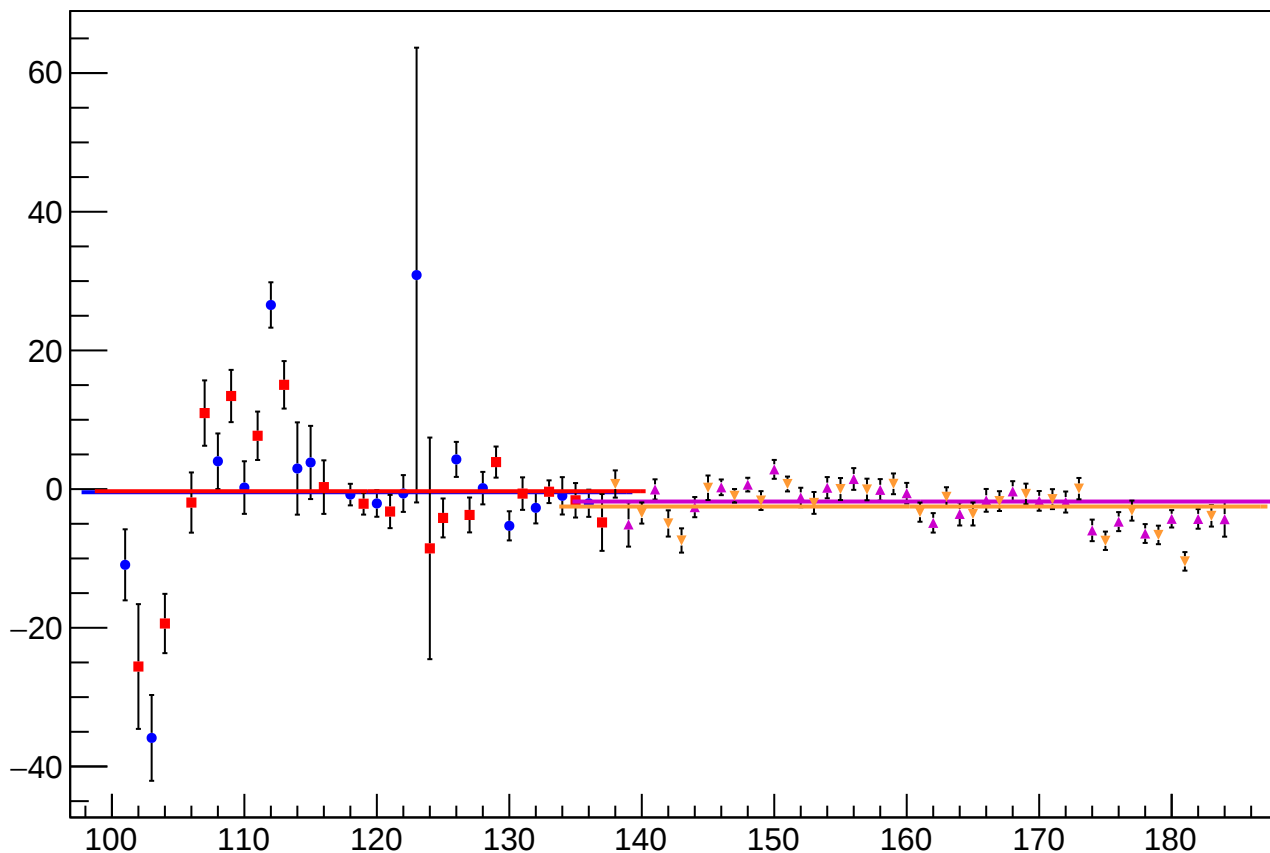
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 19.612 $\pm$ 0.379 χ^2/NDF :572.7/22

Left: 20.031 $\pm$ 0.267 χ^2/NDF : 1194.3/46
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 19.612 $\pm$ 0.379 χ^2/NDF :572.7/22
 Out: 20.443 $\pm$ 0.376 χ^2/NDF :619.3/23
 All: 20.031 $\pm$ 0.267 χ^2/NDF : 1194.3/46

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.513 ± 0.294 χ^2/NDF : 103.1/23

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

Left: -2.161 ± 0.210 χ^2/NDF : 176.1/46

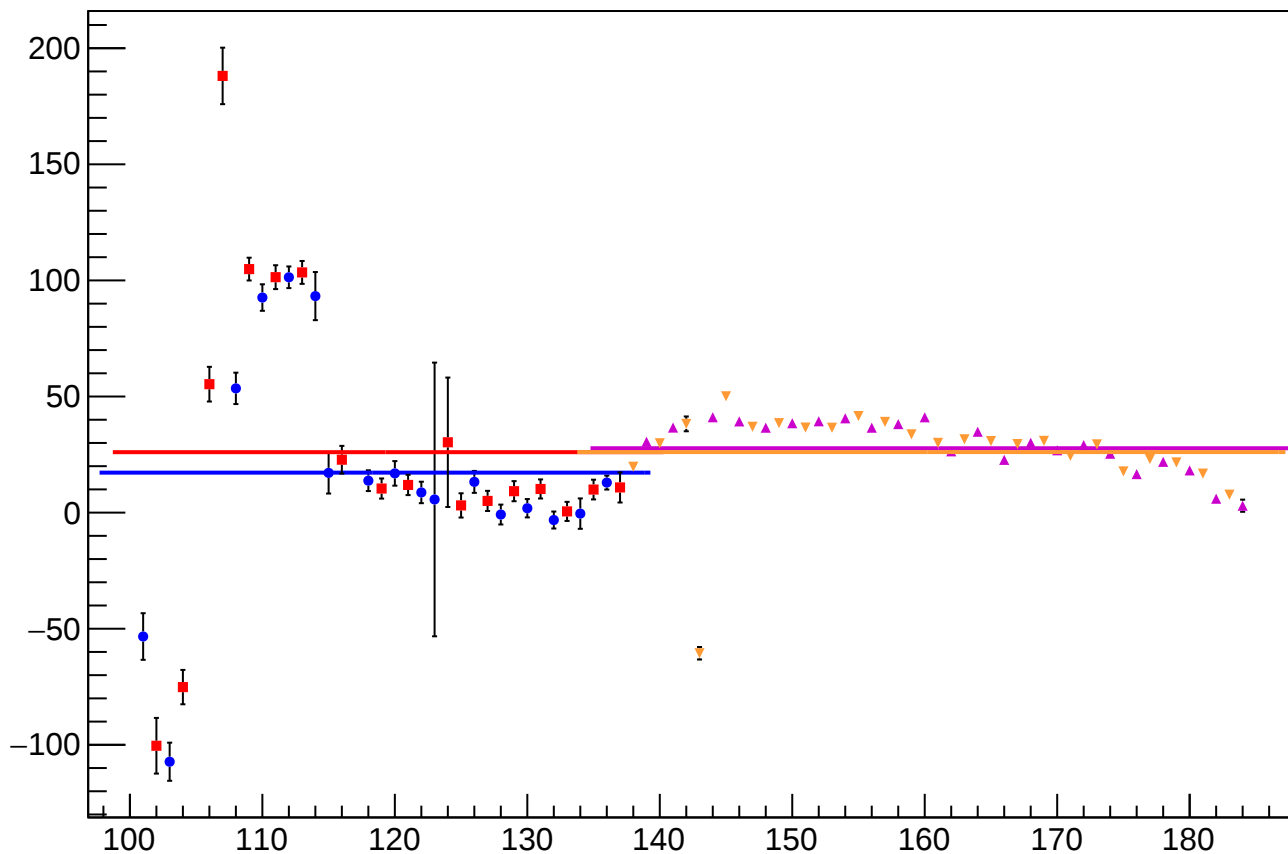
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -1.557 ± 0.274 χ^2/NDF : 193.1/39

Out: -2.146 ± 0.268 χ^2/NDF : 196.6/41

All: -1.857 ± 0.192 χ^2/NDF : 392.0/81

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: 26.079 $\pm$ 0.375 χ^2 /NDF:1698.9/23

Right Out: 26.032 $\pm$ 1.244 χ^2 /NDF: 1366.0/17

Left In: 27.725 $\pm$ 0.377 χ^2 /NDF:805.1/22

Left: 26.898 $\pm$ 0.266 χ^2 /NDF: 2513.5/46

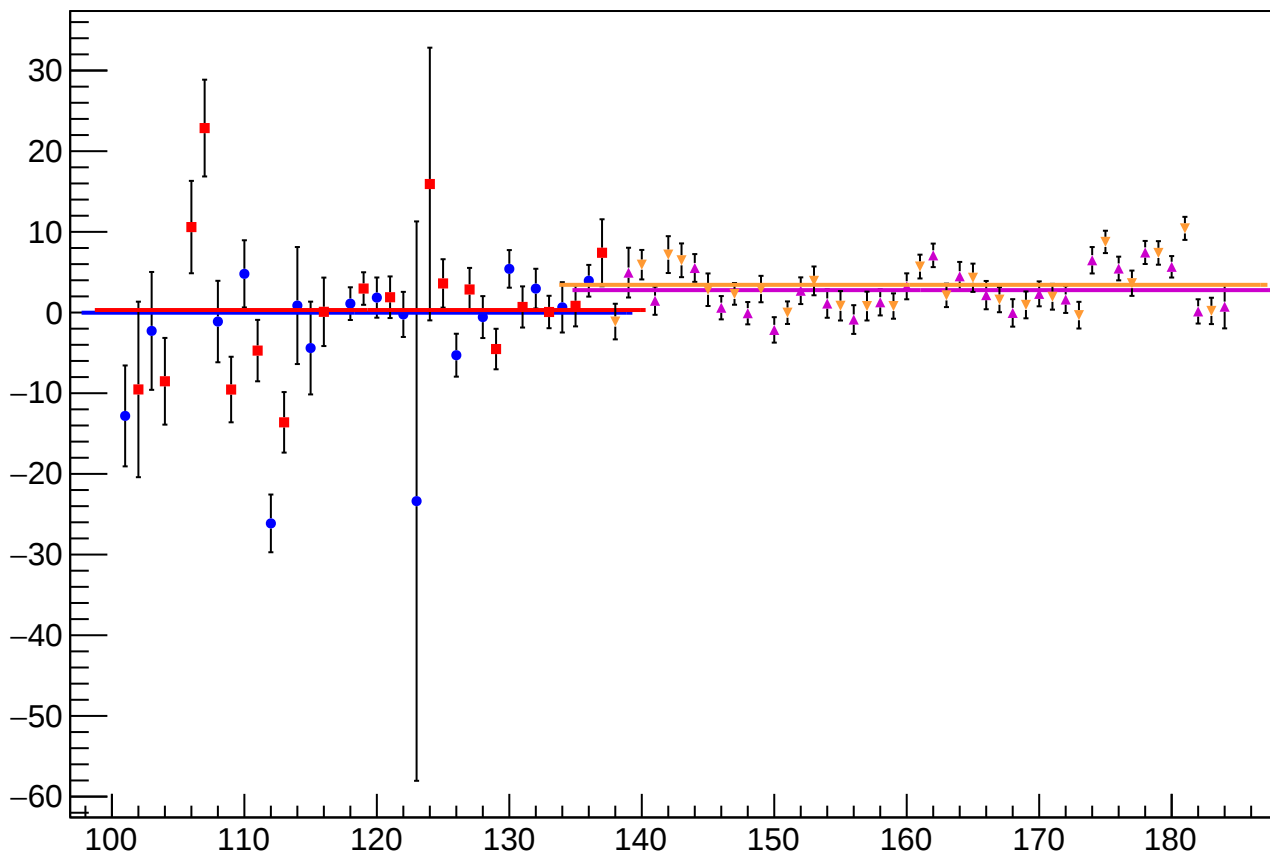
Right: 21.614 $\pm$ 0.879 χ^2 /NDF: 2331.3/34

In: 26.838 $\pm$ 0.360 χ^2 /NDF:1810.8/39

Out: 26.075 $\pm$ 0.359 χ^2 /NDF:3064.8/41

All: 26.455 $\pm$ 0.254 χ^2 /NDF: 4877.9/81

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 $\chi^2/\text{NDF}: 75.8/16$

Left Out: 3.434 ± 0.333 $\chi^2/\text{NDF}: 88.1/23$

Right Out: 0.311 ± 0.749 $\chi^2/\text{NDF}: 54.1/17$

Left In: 2.777 ± 0.340 $\chi^2/\text{NDF}: 66.5/22$

Left: 3.112 ± 0.238 $\chi^2/\text{NDF}: 156.5/46$

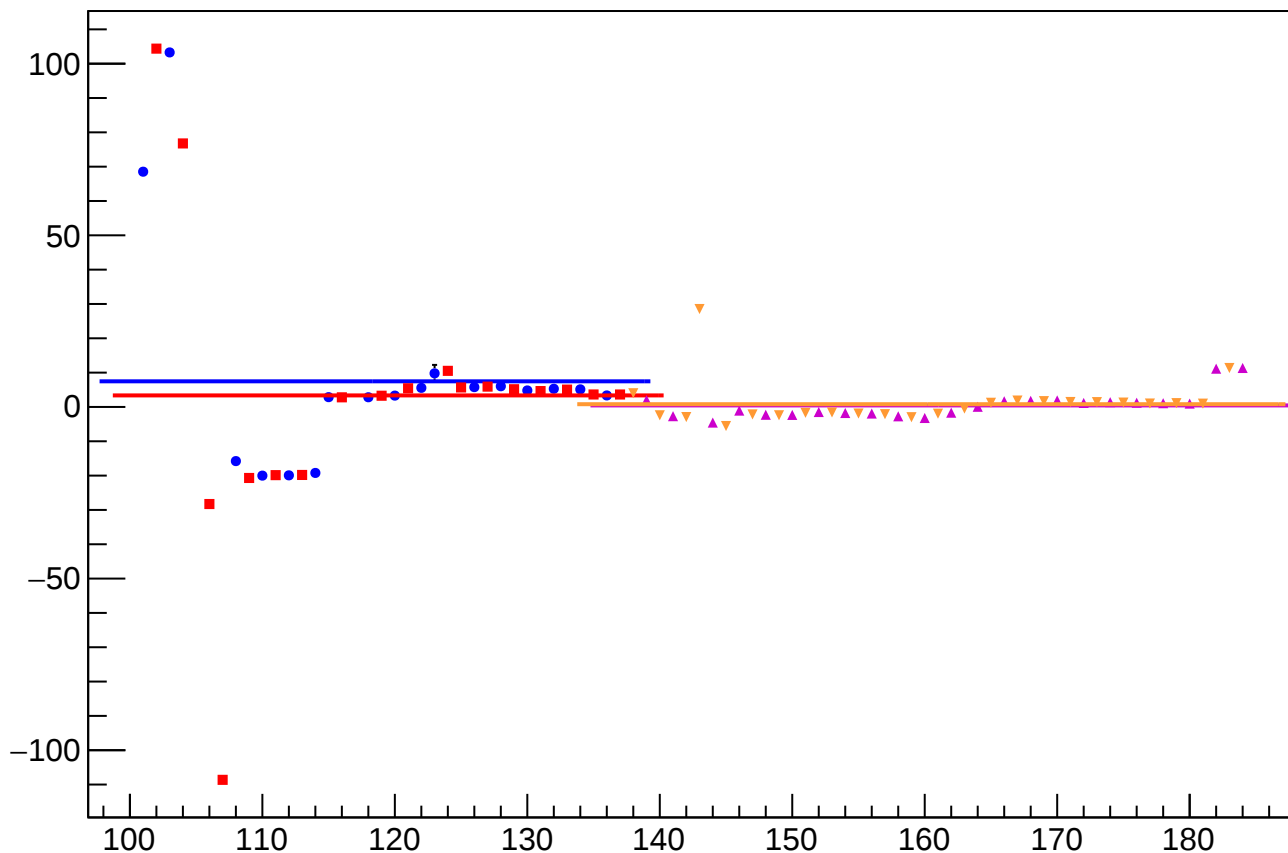
Right: 0.144 ± 0.528 $\chi^2/\text{NDF}: 130.0/34$

In: 2.294 ± 0.309 $\chi^2/\text{NDF}: 154.0/39$

Out: 2.918 ± 0.305 $\chi^2/\text{NDF}: 156.7/41$

All: 2.611 ± 0.217 $\chi^2/\text{NDF}: 312.8/81$

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: 0.801 ± 0.015 $\chi^2/\text{NDF}: 109761.8/23$

Right Out: 3.362 ± 0.046 $\chi^2/\text{NDF}: 504811.4/17$

Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

Left: 0.625 ± 0.011 $\chi^2/\text{NDF}: 160559.8/46$

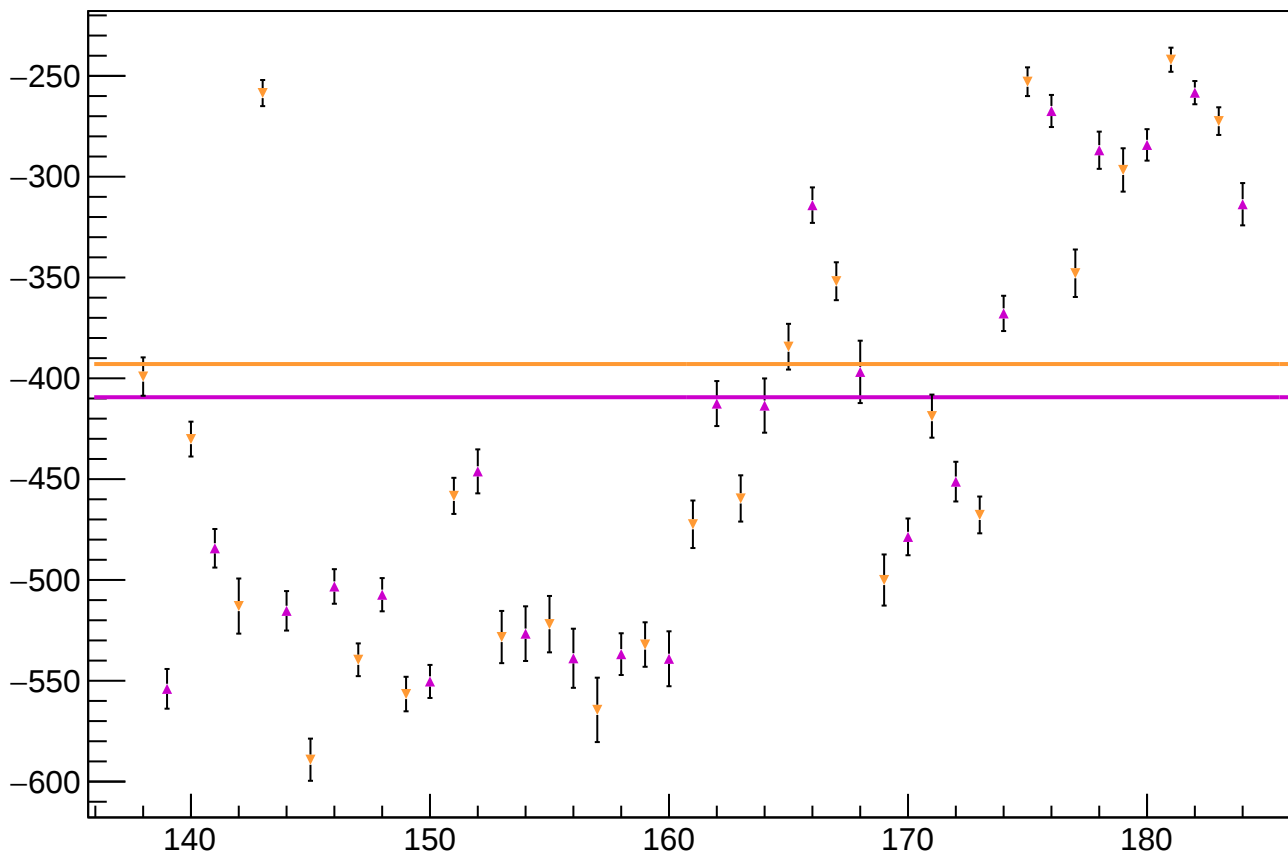
Right: 5.466 ± 0.032 $\chi^2/\text{NDF}: 864856.4/34$

In: 1.196 ± 0.015 $\chi^2/\text{NDF}: 428681.8/39$

Out: 1.061 ± 0.015 $\chi^2/\text{NDF}: 617407.6/41$

All: 1.128 ± 0.010 $\chi^2/\text{NDF}: 1046132.8/81$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

Left: -400.907 ± 1.373 χ^2/NDF : 6894.1/46

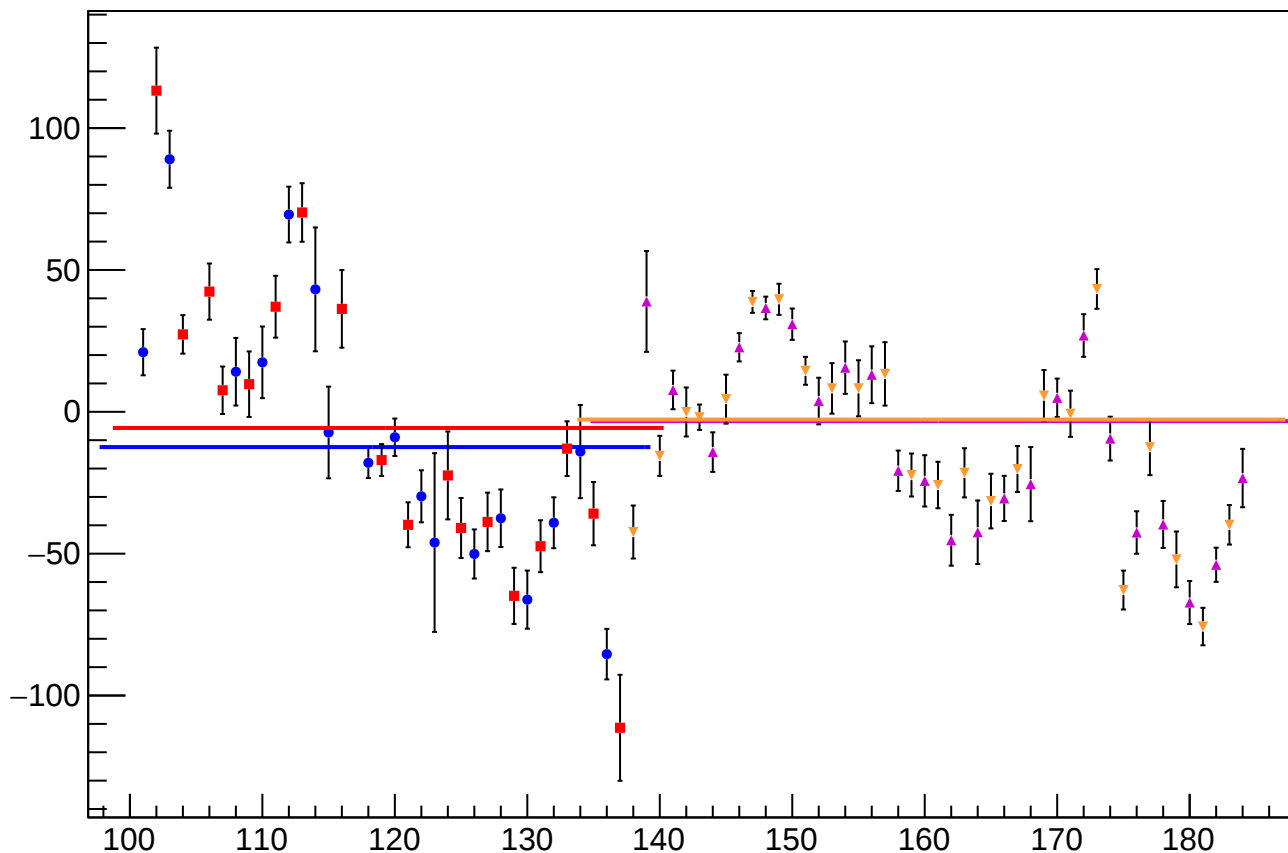
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -409.377 ± 1.971 χ^2/NDF : 3096.1/22

Out: -392.920 ± 1.914 χ^2/NDF : 3762.2/23

All: -400.907 ± 1.373 χ^2/NDF : 6894.1/46

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -2.724 ± 1.433 χ^2/NDF : 546.2/23

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

Left: -2.991 ± 1.042 χ^2/NDF : 1000.8/46

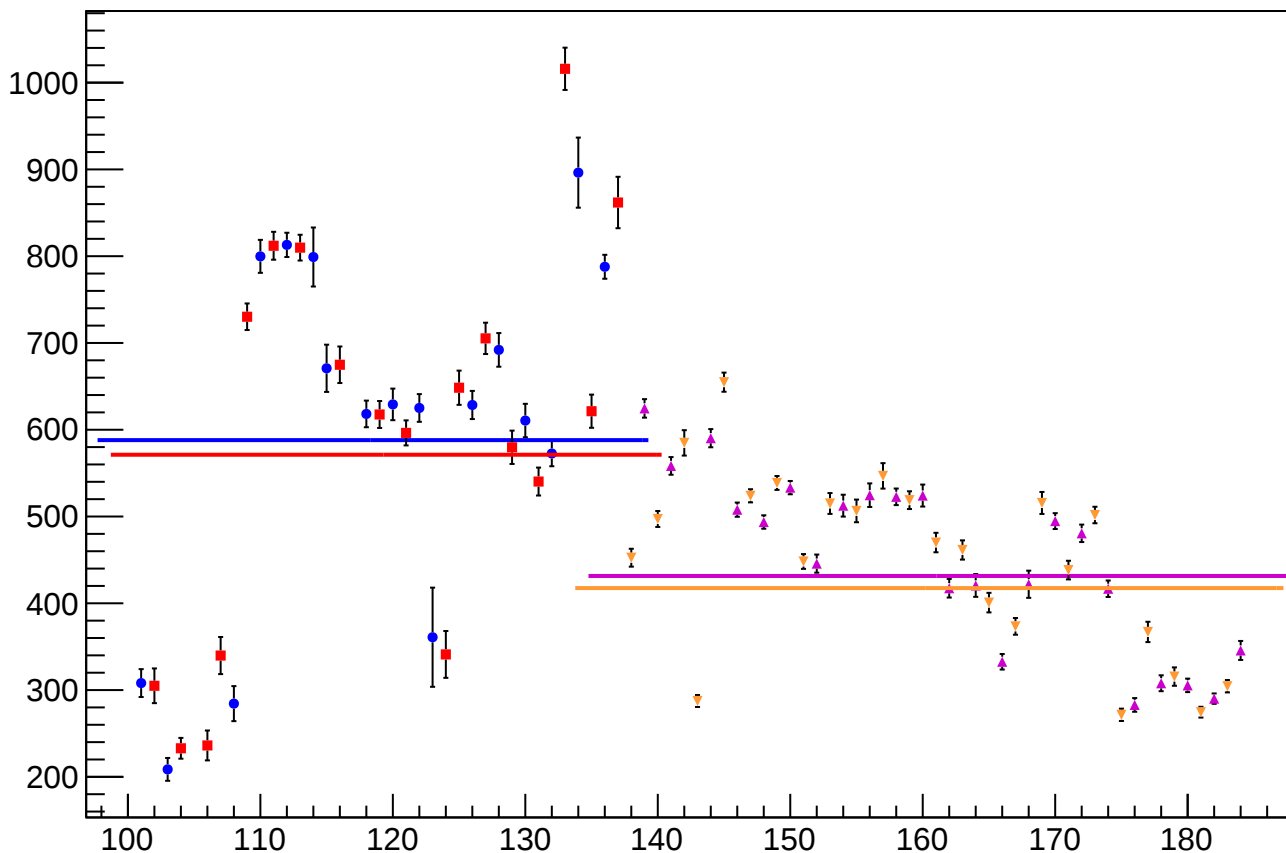
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: -6.035 ± 1.269 χ^2/NDF : 805.6/39

Out: -3.572 ± 1.211 χ^2/NDF : 881.1/41

All: -4.746 ± 0.876 χ^2/NDF : 1688.7/81

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2/NDF : 2127.7/16

Left Out: 417.540 $\pm$ 1.921 χ^2/NDF :3279.1/23

Right Out: 571.196 $\pm$ 4.151 χ^2/NDF : 2680.4/17

Left In: 431.487 $\pm$ 1.964 χ^2/NDF :2897.1/22

Left: 424.358 $\pm$ 1.373 χ^2/NDF : 6202.0/46

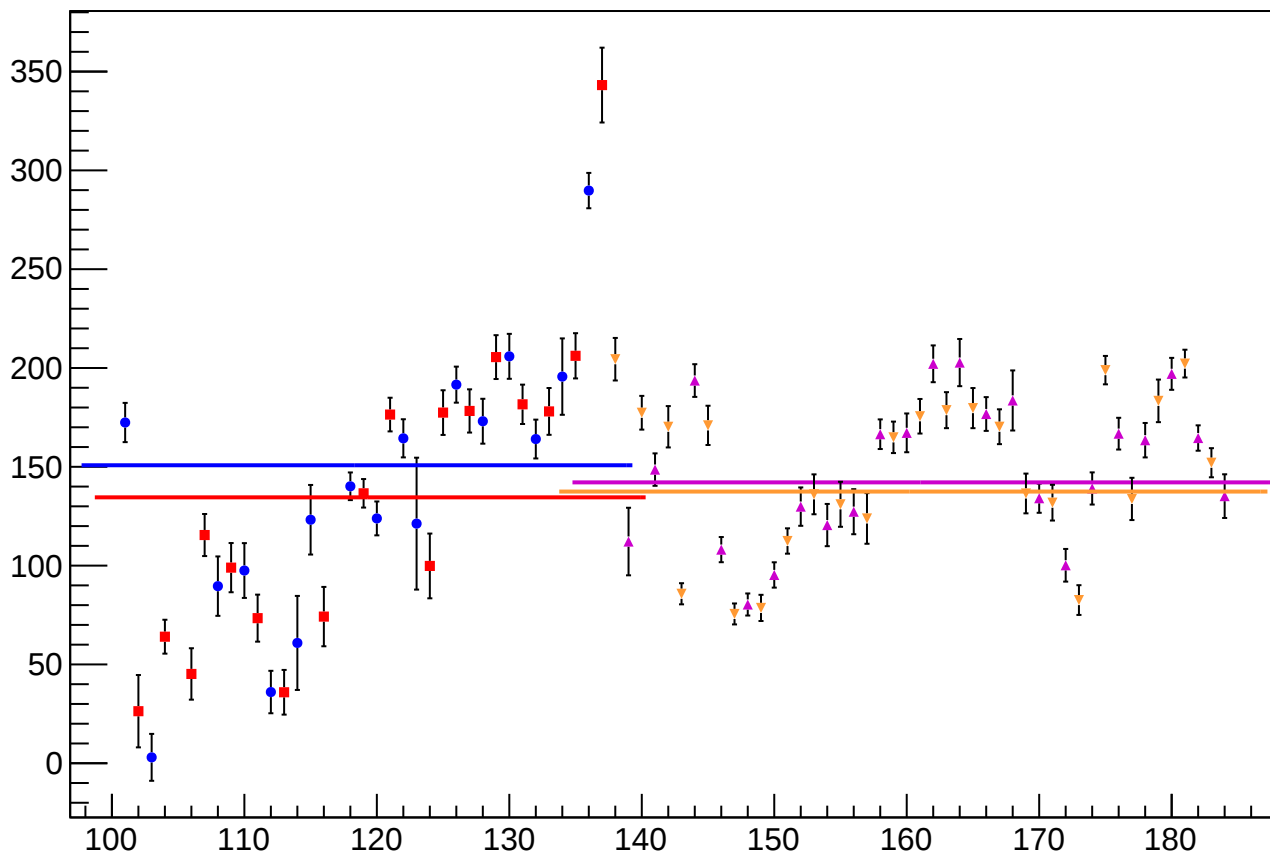
Right: 579.261 $\pm$ 2.996 χ^2/NDF : 4816.0/34

In: 458.210 $\pm$ 1.789 χ^2/NDF :6109.4/39

Out: 444.640 $\pm$ 1.743 χ^2/NDF :7088.2/41

All: 451.250 $\pm$ 1.248 χ^2/NDF : 13227.1/81

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 ± 2.679 $\chi^2/\text{NDF}: 633.1/16$

Left Out: 137.476 ± 1.663 $\chi^2/\text{NDF}: 723.4/23$

Right Out: 134.549 ± 2.619 $\chi^2/\text{NDF}: 576.2/17$

Left In: 142.123 ± 1.740 $\chi^2/\text{NDF}: 463.8/22$

Left: 139.694 ± 1.202 $\chi^2/\text{NDF}: 1190.9/46$

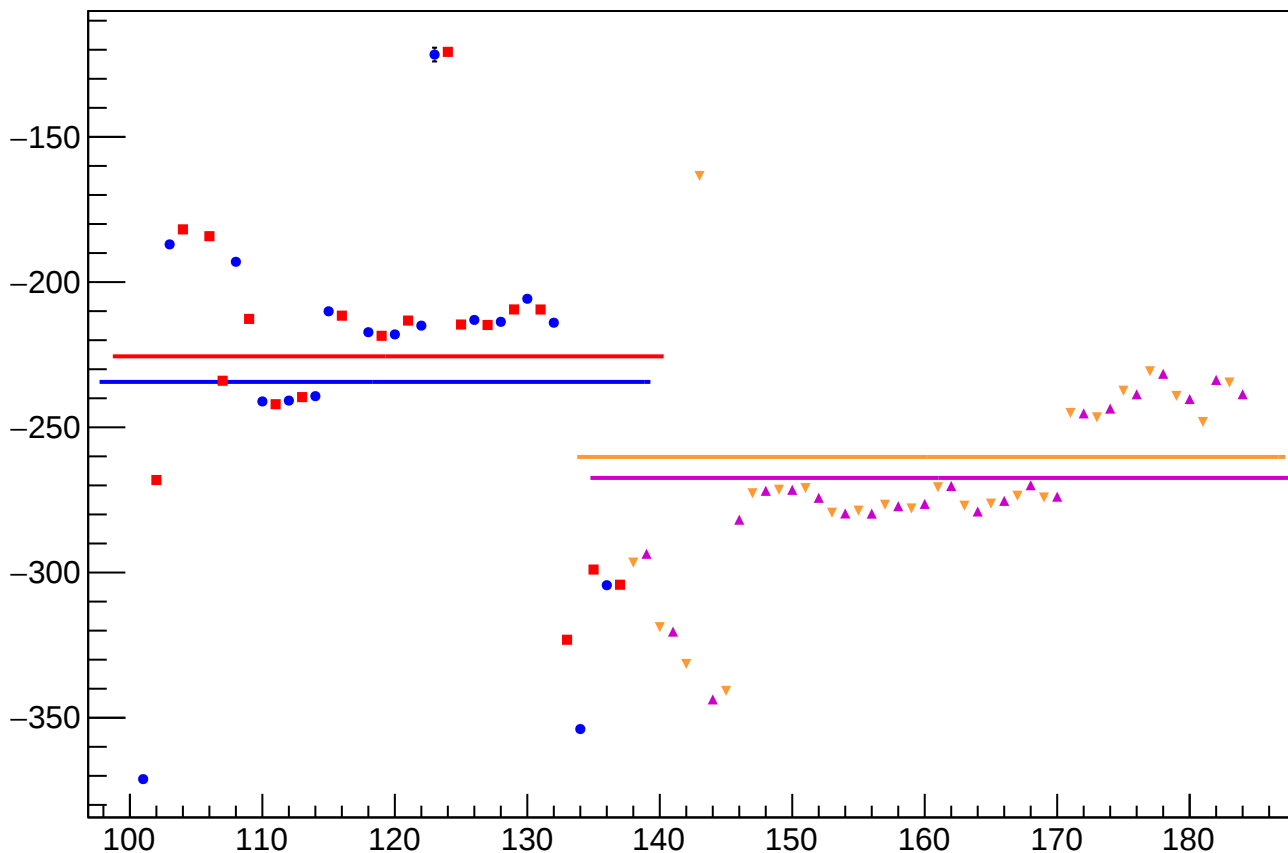
Right: 142.483 ± 1.873 $\chi^2/\text{NDF}: 1228.1/34$

In: 144.692 ± 1.459 $\chi^2/\text{NDF}: 1104.3/39$

Out: 136.635 ± 1.404 $\chi^2/\text{NDF}: 1300.5/41$

All: 140.508 ± 1.012 $\chi^2/\text{NDF}: 2420.6/81$

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -260.198+/-0.080 χ^2/NDF : 235534.6/23

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

Left: -263.747+/-0.057 χ^2/NDF : 338429.3/46

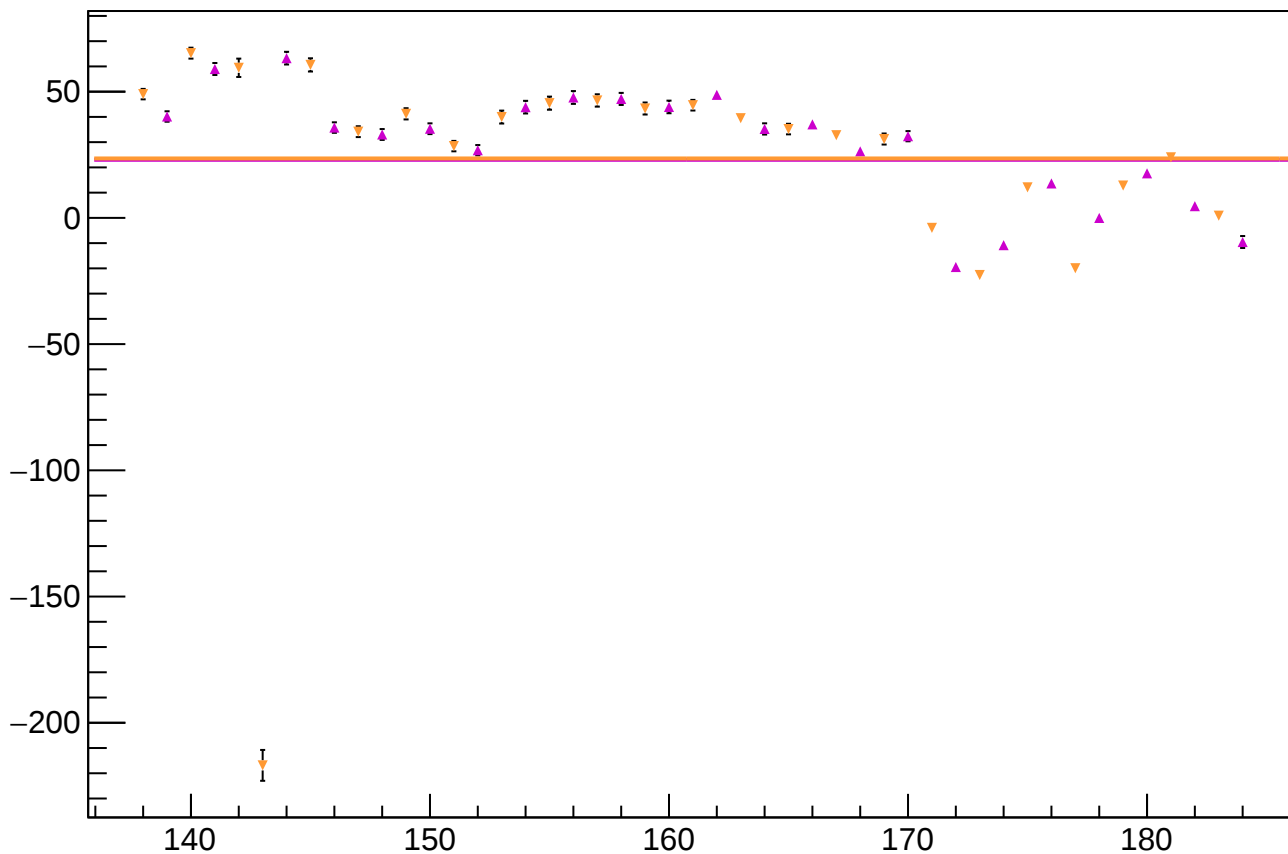
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -259.785+/-0.071 χ^2/NDF : 282174.0/39

Out: -251.848+/-0.070 χ^2/NDF : 373691.2/41

All: -255.724+/-0.050 χ^2/NDF : 662199.7/81

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: 23.539+/-0.402 χ^2/NDF :4620.7/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Left: 23.278+/-0.284 χ^2/NDF : 7441.4/46

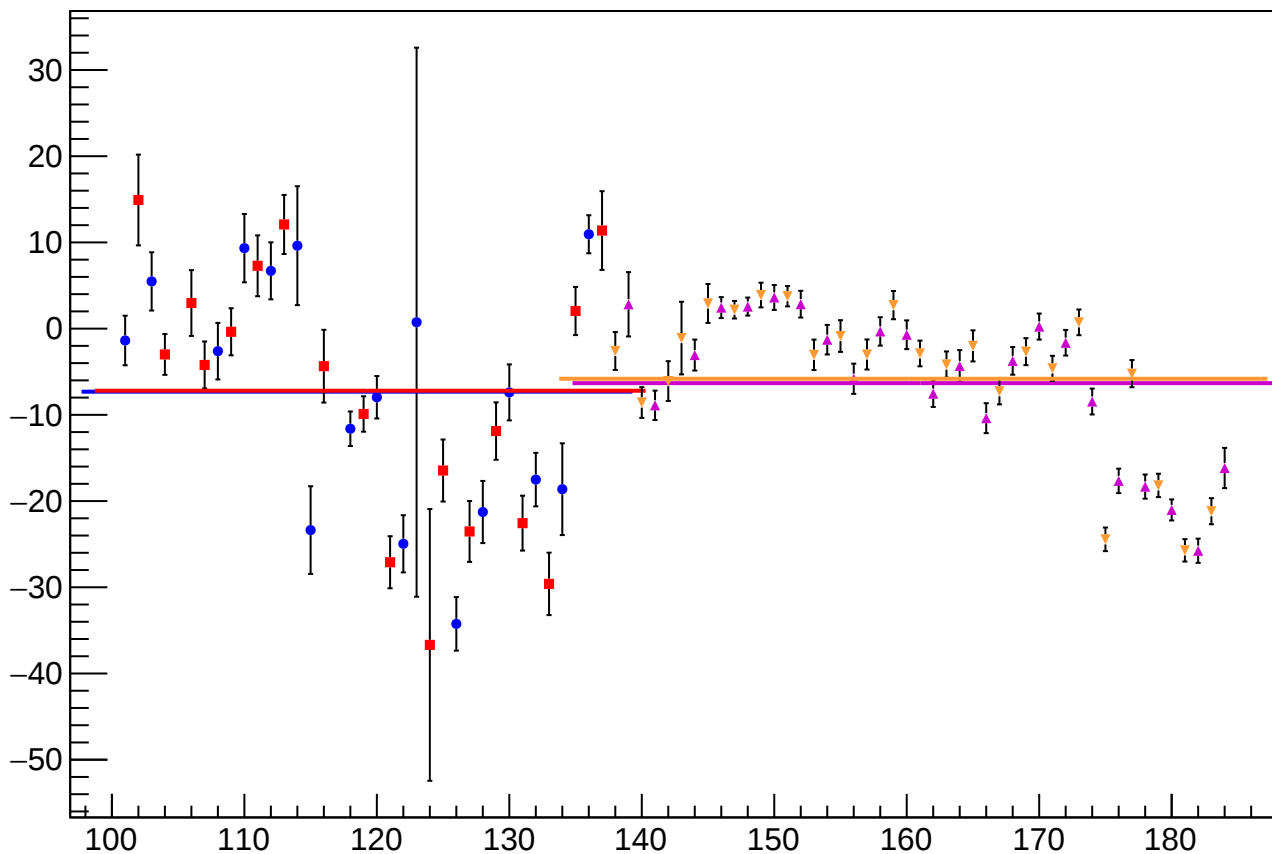
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Out: 23.539+/-0.402 χ^2/NDF :4620.7/23

All: 23.278+/-0.284 χ^2/NDF : 7441.4/46

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.813 ± 0.318 χ^2/NDF : 874.6/23

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

Left: -6.066 ± 0.226 χ^2/NDF : 1660.2/46

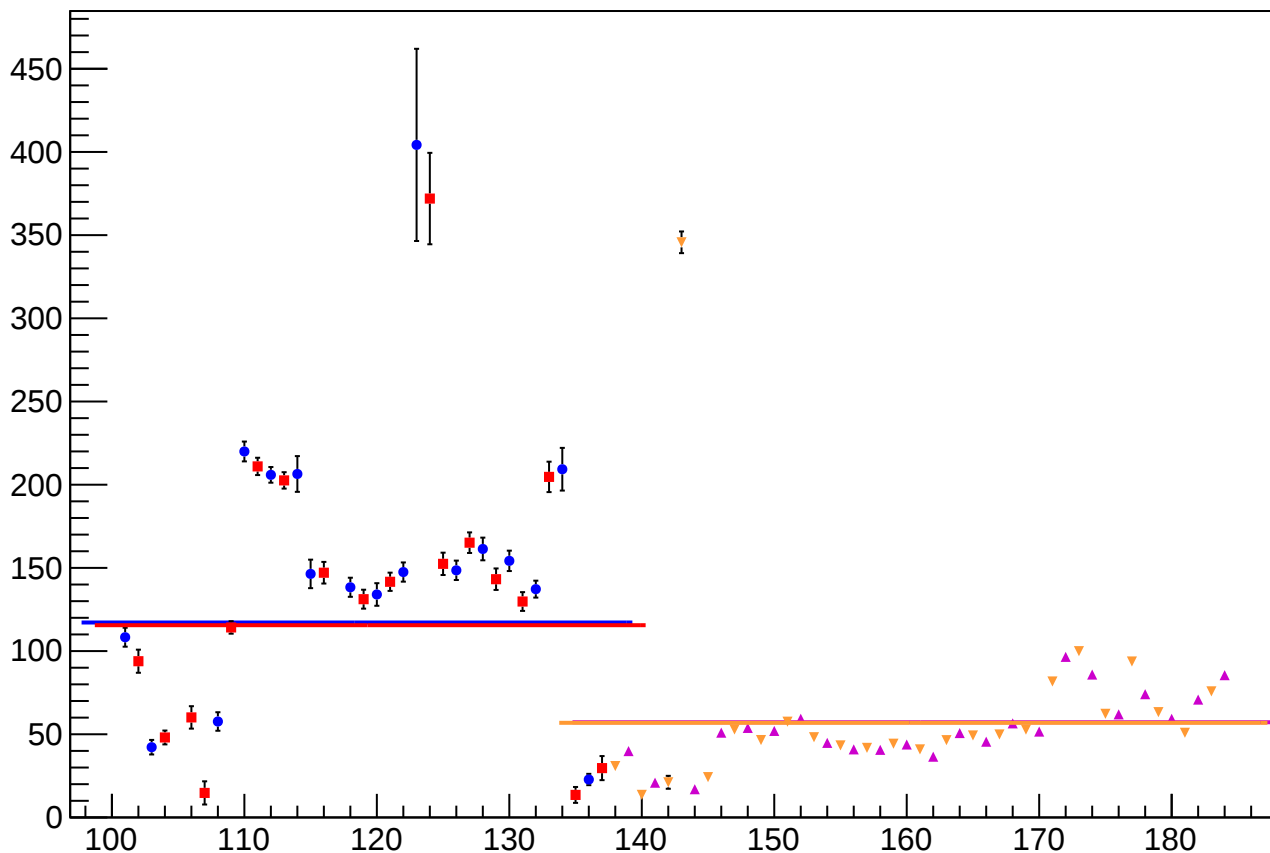
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -6.466 ± 0.296 χ^2/NDF : 1064.8/39

Out: -6.019 ± 0.293 χ^2/NDF : 1129.5/41

All: -6.240 ± 0.208 χ^2/NDF : 2195.5/81

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 ± 1.411 χ^2/NDF : 2159.6/16

Left Out: 56.889 ± 0.401 χ^2/NDF : 4166.5/23

Right Out: 115.556 ± 1.363 χ^2/NDF : 2149.2/17

Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

Left: 57.059 ± 0.283 χ^2/NDF : 6027.4/46

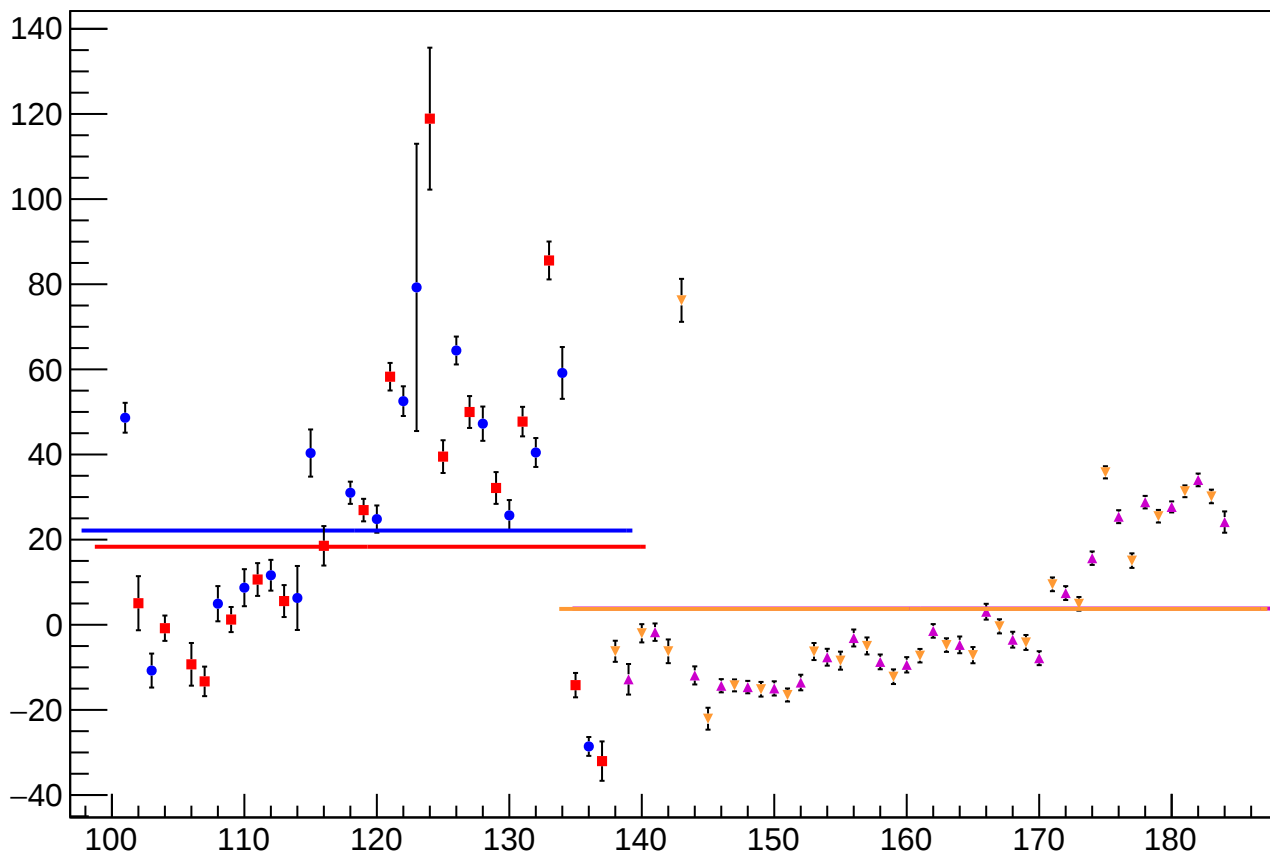
Right: 116.338 ± 0.981 χ^2/NDF : 4309.5/34

In: 61.644 ± 0.383 χ^2/NDF : 5691.5/39

Out: 61.563 ± 0.385 χ^2/NDF : 8020.3/41

All: 61.604 ± 0.271 χ^2/NDF : 13711.9/81

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2 /NDF: 1064.1/16

Left Out: 3.722+/-0.359 χ^2 /NDF:2540.8/23

Right Out: 18.331+/-0.872 χ^2 /NDF: 1070.4/17

Left In: 3.812+/-0.361 χ^2 /NDF:2203.5/22

Left: 3.767+/-0.255 χ^2 /NDF: 4744.3/46

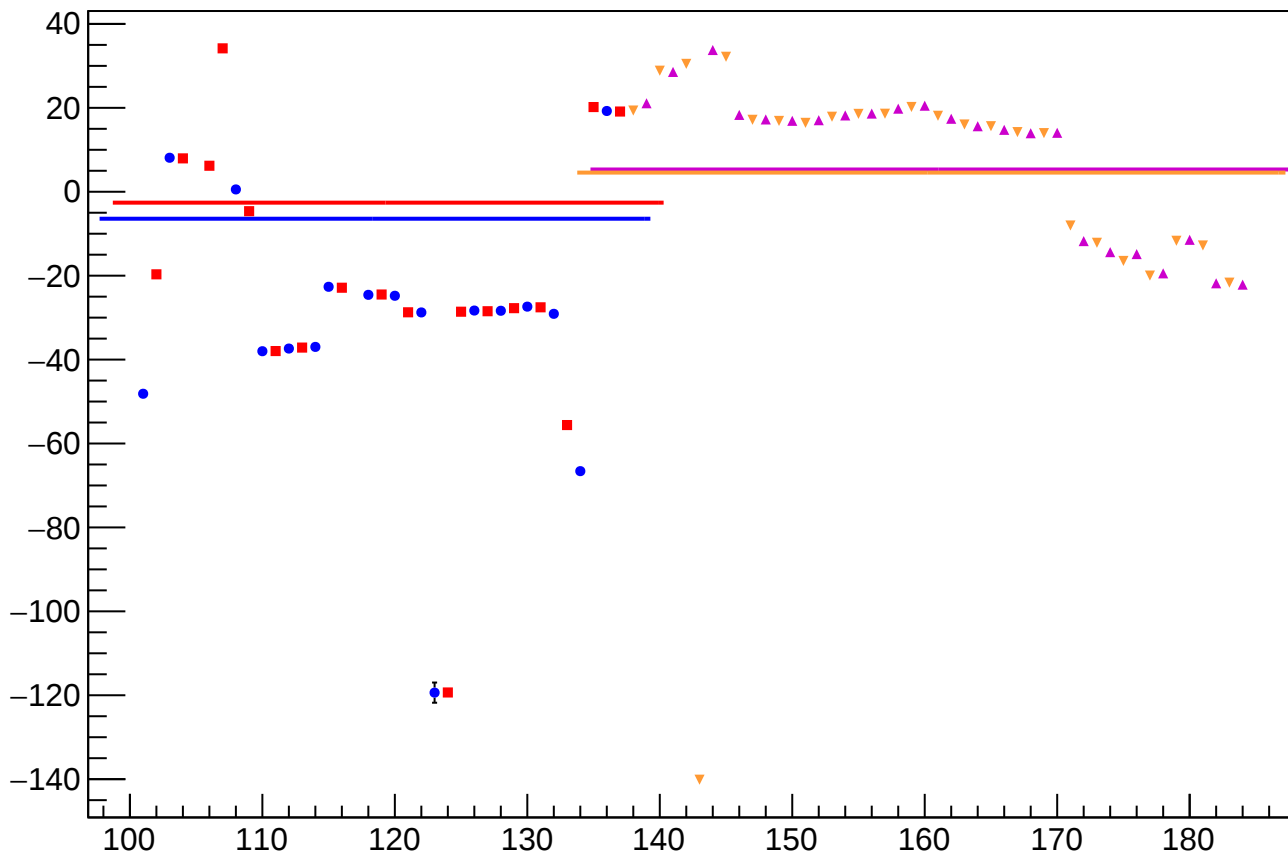
Right: 20.192+/-0.623 χ^2 /NDF: 2143.8/34

In: 6.391+/-0.334 χ^2 /NDF:3630.9/39

Out: 5.844+/-0.332 χ^2 /NDF:3851.1/41

All: 6.116+/-0.236 χ^2 /NDF: 7483.3/81

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 $\chi^2/\text{NDF}: 265170.6/16$

Left Out: 4.568 ± 0.017 $\chi^2/\text{NDF}: 1334748.6/23$

Right Out: -2.597 ± 0.046 $\chi^2/\text{NDF}: 263579.4/17$

Left In: 5.305 ± 0.016 $\chi^2/\text{NDF}: 1089610.2/22$

Left: 4.941 ± 0.012 $\chi^2/\text{NDF}: 2425364.7/46$

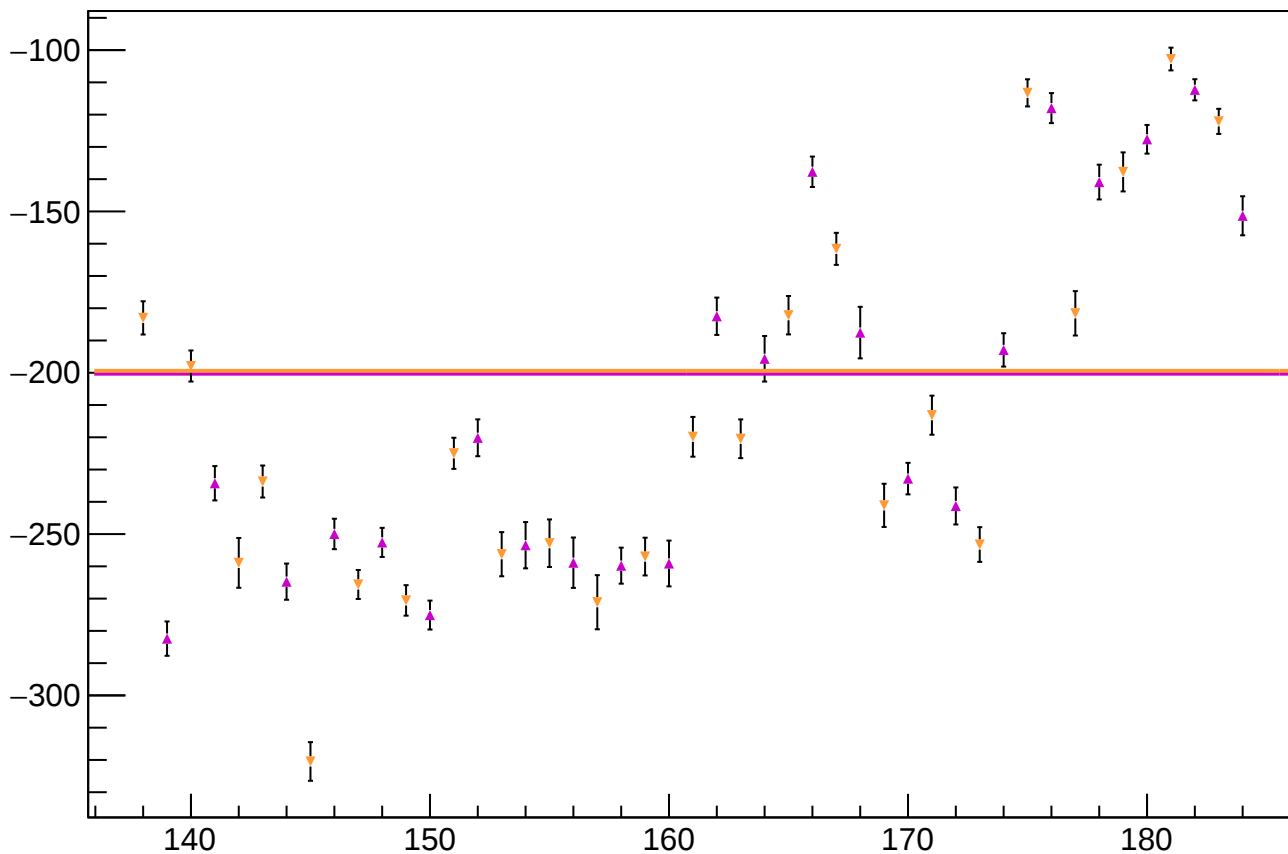
Right: -4.494 ± 0.033 $\chi^2/\text{NDF}: 532217.8/34$

In: 4.000 ± 0.015 $\chi^2/\text{NDF}: 1412069.1/39$

Out: 3.740 ± 0.016 $\chi^2/\text{NDF}: 1619999.2/41$

All: 3.871 ± 0.011 $\chi^2/\text{NDF}: 3032208.5/81$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -199.404 $\pm$ 1.088 χ^2/NDF :3199.8/23

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -200.276 $\pm$ 1.093 χ^2/NDF :3013.8/22

Left: -199.838 $\pm$ 0.771 χ^2/NDF : 6213.9/46

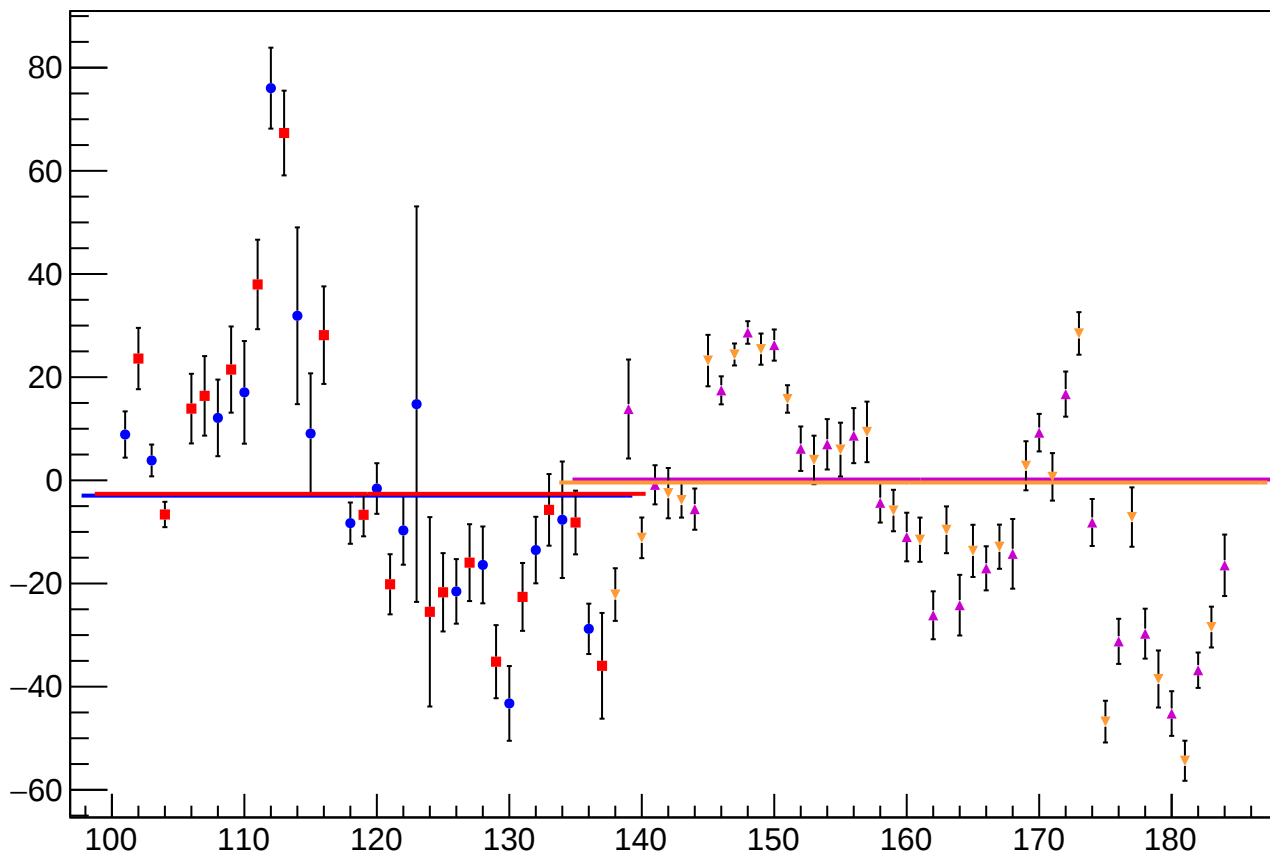
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -200.276 $\pm$ 1.093 χ^2/NDF :3013.8/22

Out: -199.404 $\pm$ 1.088 χ^2/NDF :3199.8/23

All: -199.838 $\pm$ 0.771 χ^2/NDF : 6213.9/46

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: -0.419 ± 0.812 $\chi^2/\text{NDF}: 800.6/23$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 0.153 ± 0.836 $\chi^2/\text{NDF}: 719.6/22$

Left: -0.141 ± 0.583 $\chi^2/\text{NDF}: 1520.5/46$

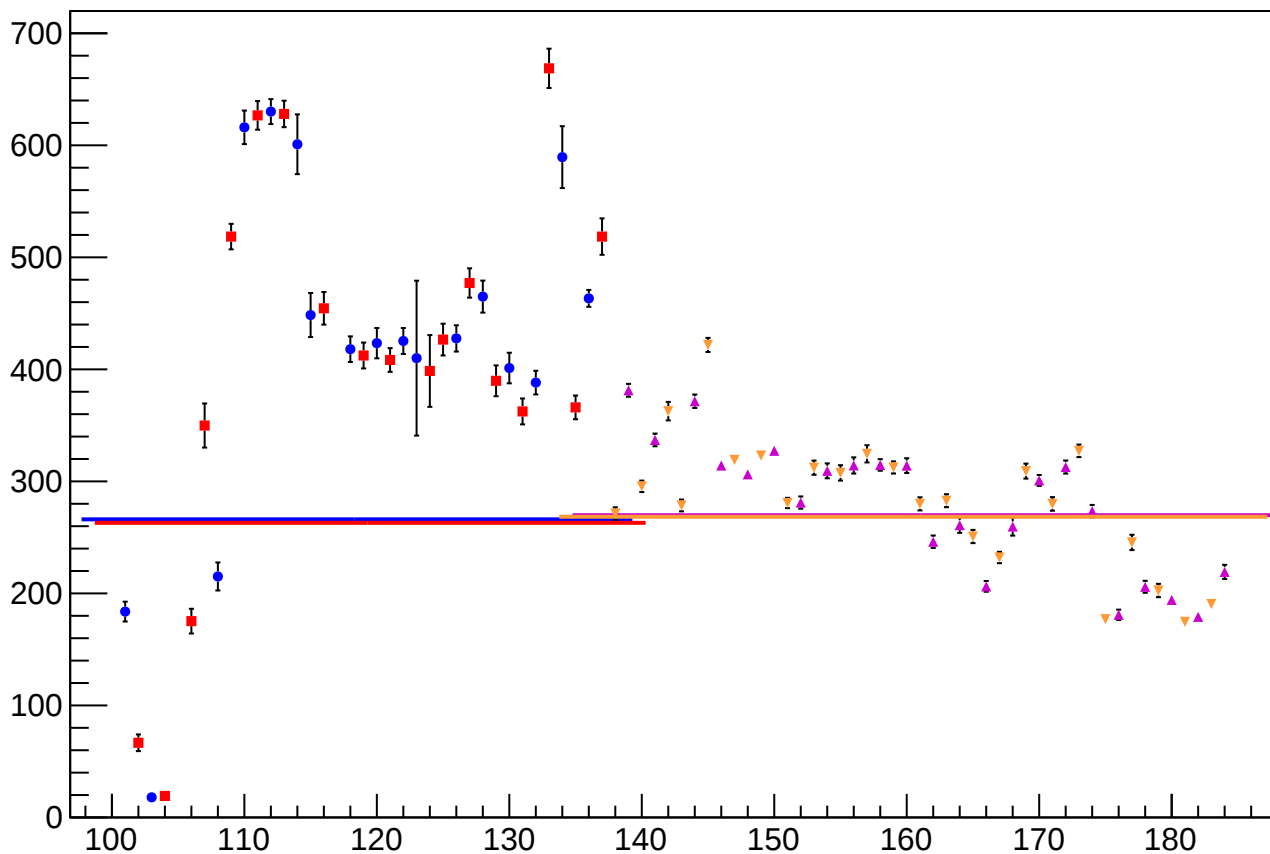
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: -0.623 ± 0.725 $\chi^2/\text{NDF}: 926.6/39$

Out: -0.973 ± 0.703 $\chi^2/\text{NDF}: 1013.0/41$

All: -0.803 ± 0.504 $\chi^2/\text{NDF}: 1939.7/81$

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111+/-2.480 χ^2/NDF : 7644.0/16

Left Out: 268.444+/-1.087 χ^2/NDF : 3117.3/23

Right Out: 263.003+/-2.467 χ^2/NDF : 8172.0/17

Left In: 269.798+/-1.087 χ^2/NDF : 3234.9/22

Left: 269.121+/-0.768 χ^2/NDF : 6353.0/46

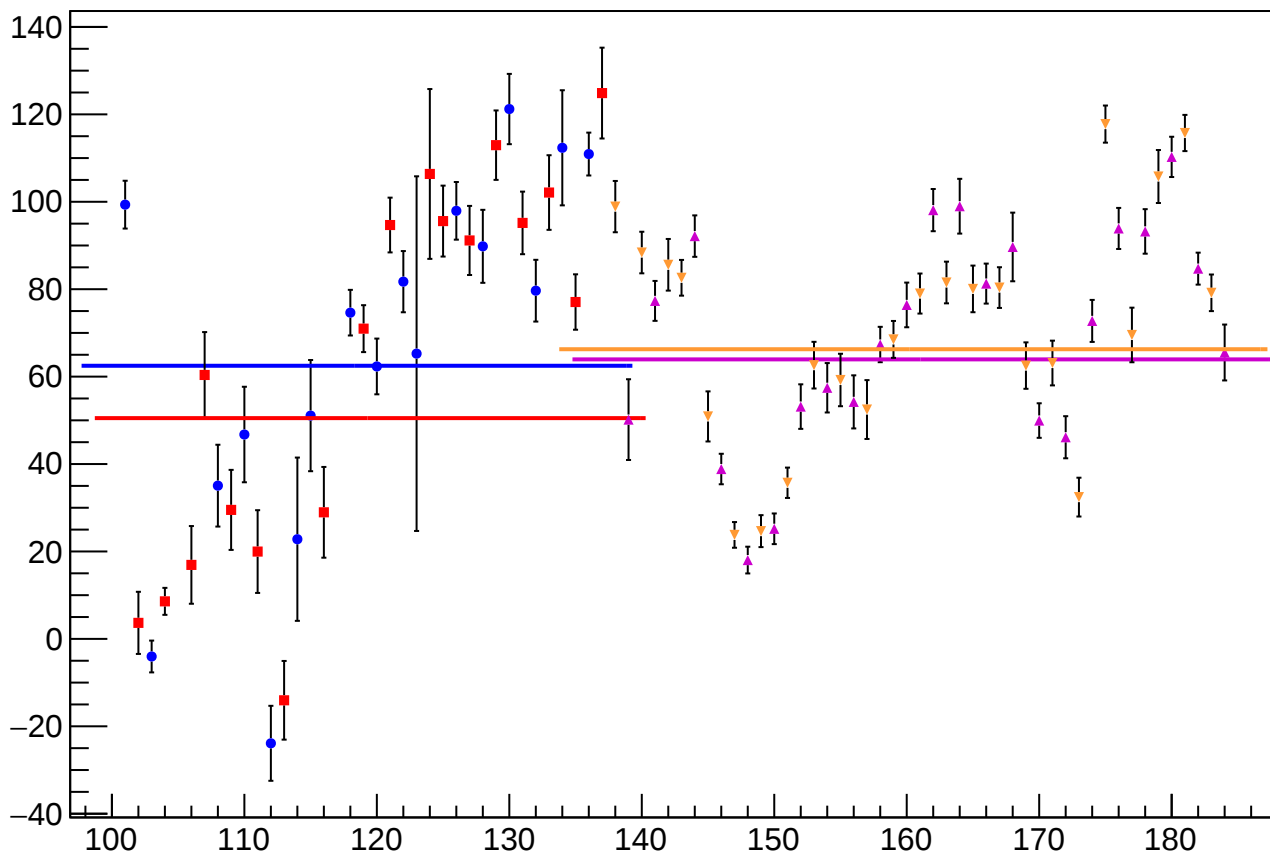
Right: 264.548+/-1.749 χ^2/NDF : 15816.8/34

In: 269.204+/-0.996 χ^2/NDF : 10880.8/39

Out: 267.560+/-0.994 χ^2/NDF : 11293.4/41

All: 268.381+/-0.704 χ^2/NDF : 22175.6/81

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 66.268 $\pm$ 0.942 χ^2 /NDF: 943.6/23

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 63.944 $\pm$ 0.961 χ^2 /NDF: 803.4/22

Left: 65.129 $\pm$ 0.672 χ^2 /NDF: 1750.0/46

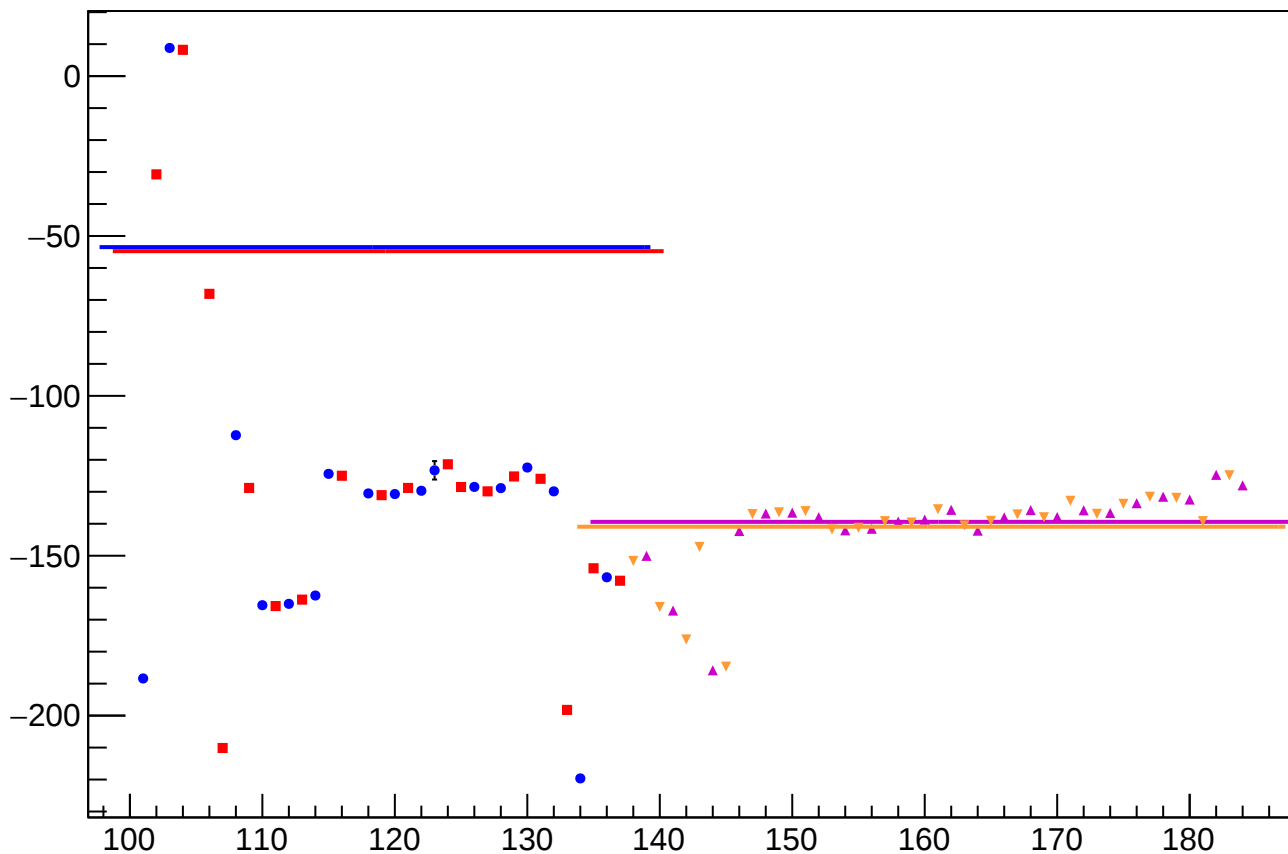
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 63.585 $\pm$ 0.834 χ^2 /NDF: 1524.7/39

Out: 62.375 $\pm$ 0.817 χ^2 /NDF: 1663.4/41

All: 62.968 $\pm$ 0.584 χ^2 /NDF: 3189.2/81

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -140.930 $\pm$ 0.045 χ^2 /NDF: 73823.5/23

Right Out: -54.748 $\pm$ 0.072 χ^2 /NDF: 952446.3/17

Left In: -139.406 $\pm$ 0.045 χ^2 /NDF: 62878.4/22

Left: -140.164 $\pm$ 0.032 χ^2 /NDF: 137277.0/46

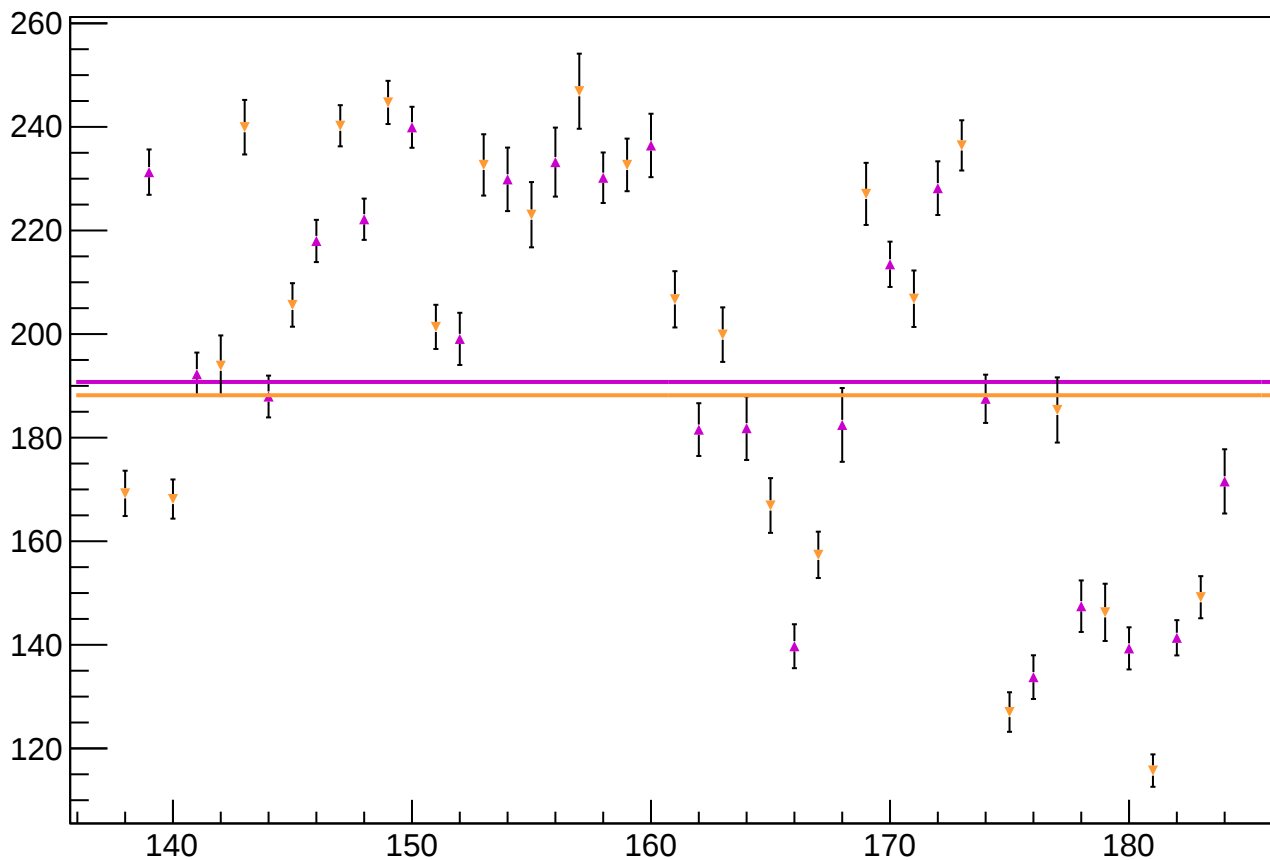
Right: -54.098 $\pm$ 0.050 χ^2 /NDF: 2181335.1/34

In: -114.565 $\pm$ 0.038 χ^2 /NDF: 2353351.2/39

Out: -116.740 $\pm$ 0.038 χ^2 /NDF: 2053080.7/41

All: -115.640 $\pm$ 0.027 χ^2 /NDF: 4408068.8/81

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.189+/-0.962 χ^2/NDF :1930.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Left: 189.459+/-0.683 χ^2/NDF : 3356.2/46

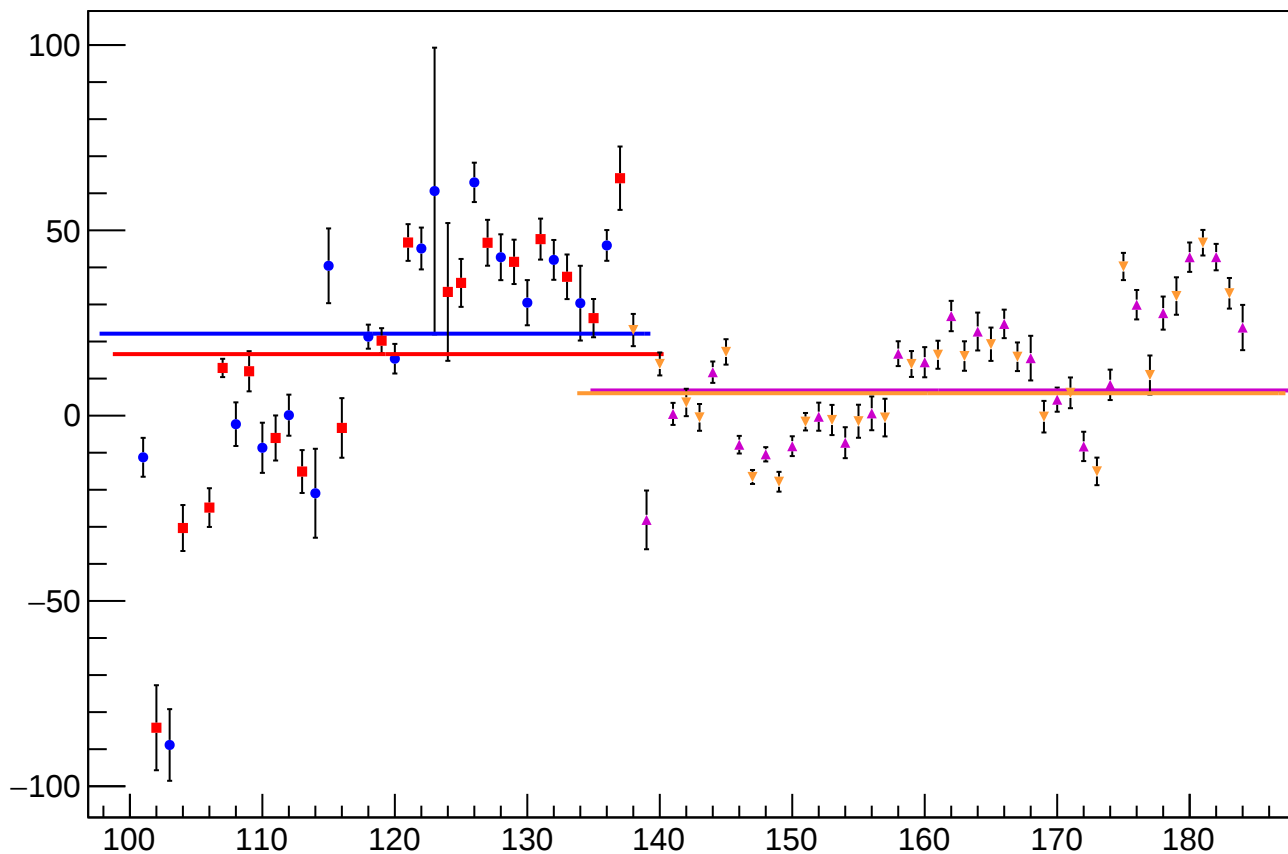
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Out: 188.189+/-0.962 χ^2/NDF :1930.9/23

All: 189.459+/-0.683 χ^2/NDF : 3356.2/46

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: 6.050+/-0.716 χ^2/NDF : 642.3/23

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: 6.797+/-0.735 χ^2/NDF : 525.8/22

Left: 6.414+/-0.513 χ^2/NDF : 1168.7/46

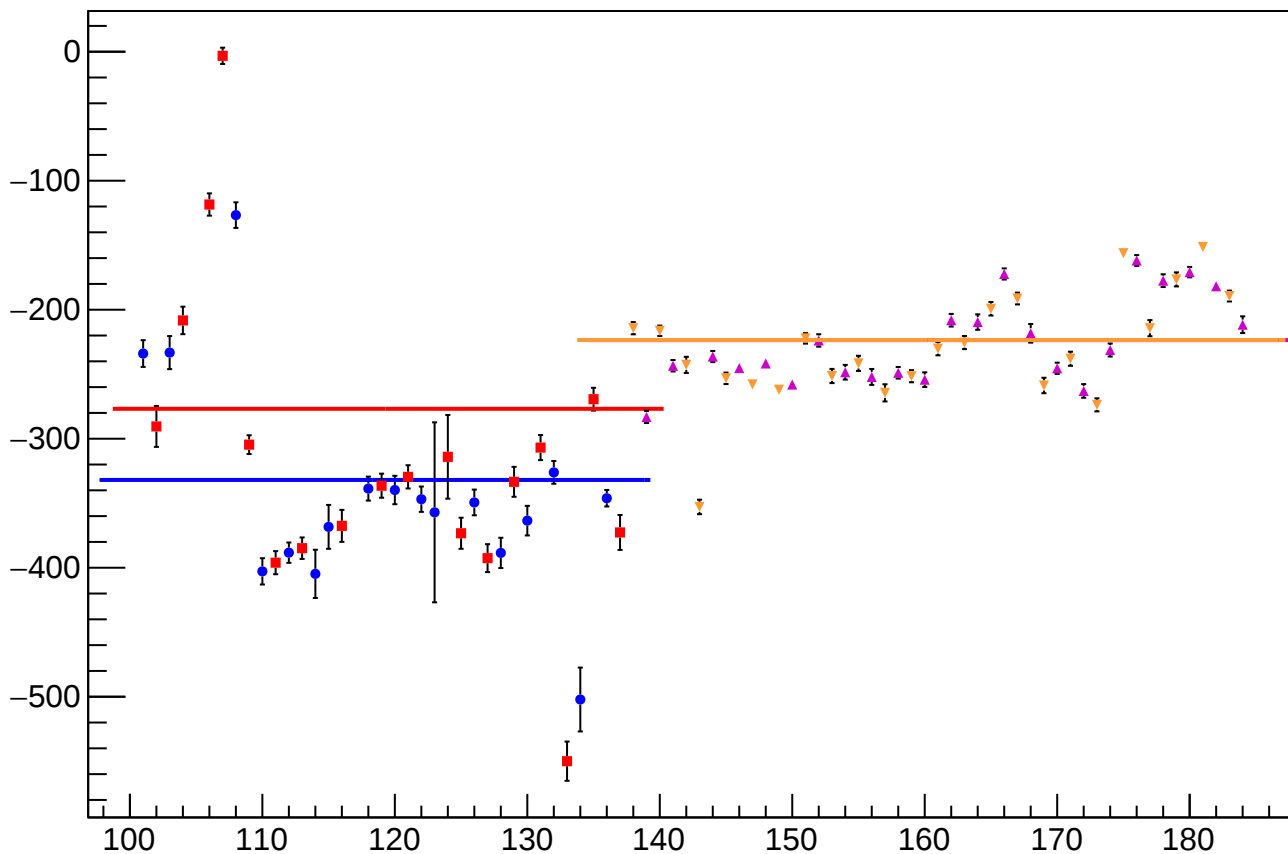
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 10.195+/-0.648 χ^2/NDF : 1004.2/39

Out: 8.722+/-0.619 χ^2/NDF : 1114.2/41

All: 9.424+/-0.447 χ^2/NDF : 2121.1/81

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -223.485 ± 0.962 $\chi^2/\text{NDF}: 2042.7/23$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -223.554 ± 0.966 $\chi^2/\text{NDF}: 1286.5/22$

Left: -223.519 ± 0.681 $\chi^2/\text{NDF}: 3329.2/46$

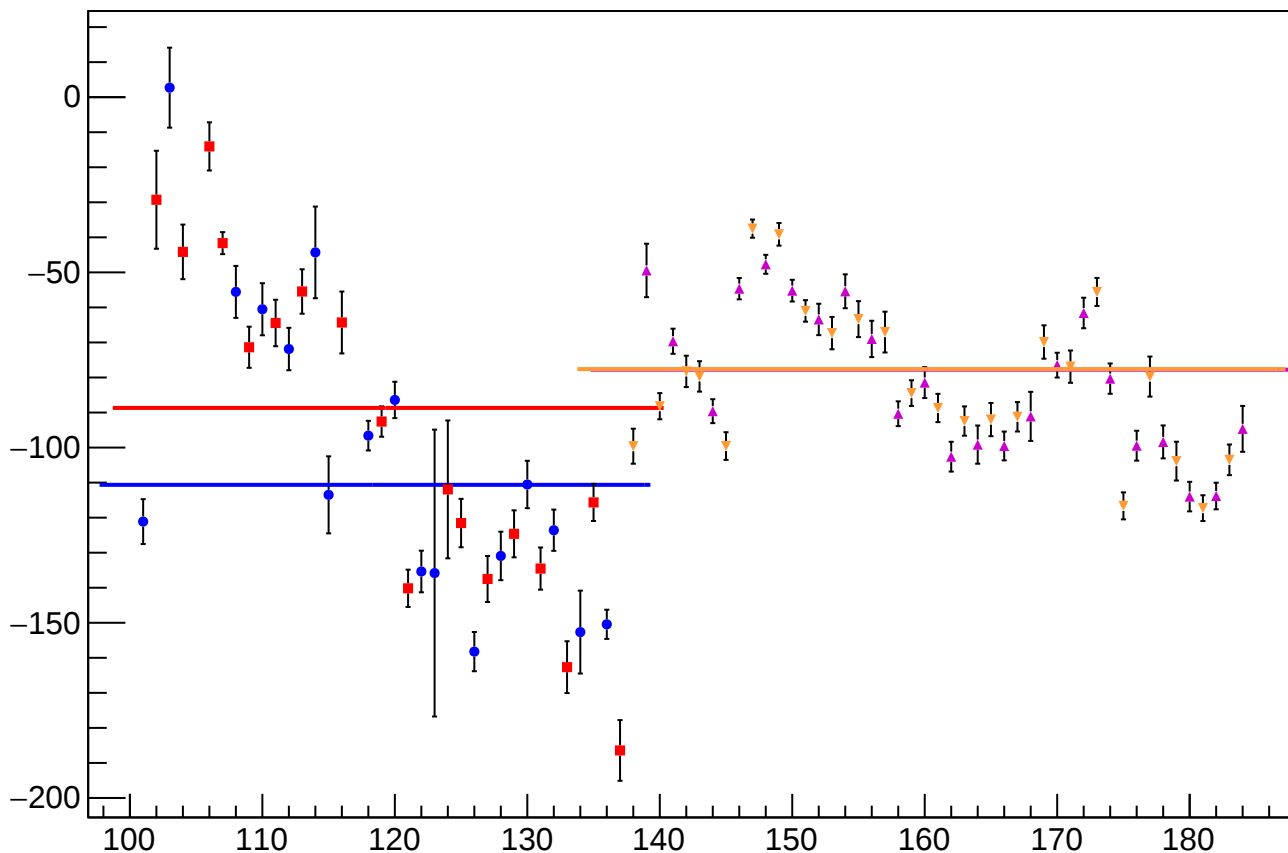
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -236.988 ± 0.904 $\chi^2/\text{NDF}: 3633.9/39$

Out: -231.250 ± 0.889 $\chi^2/\text{NDF}: 5820.7/41$

All: -234.071 ± 0.634 $\chi^2/\text{NDF}: 9475.1/81$

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: -77.600 ± 0.831 χ^2/NDF : 836.8/23

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

Left: -77.687 ± 0.593 χ^2/NDF : 1461.3/46

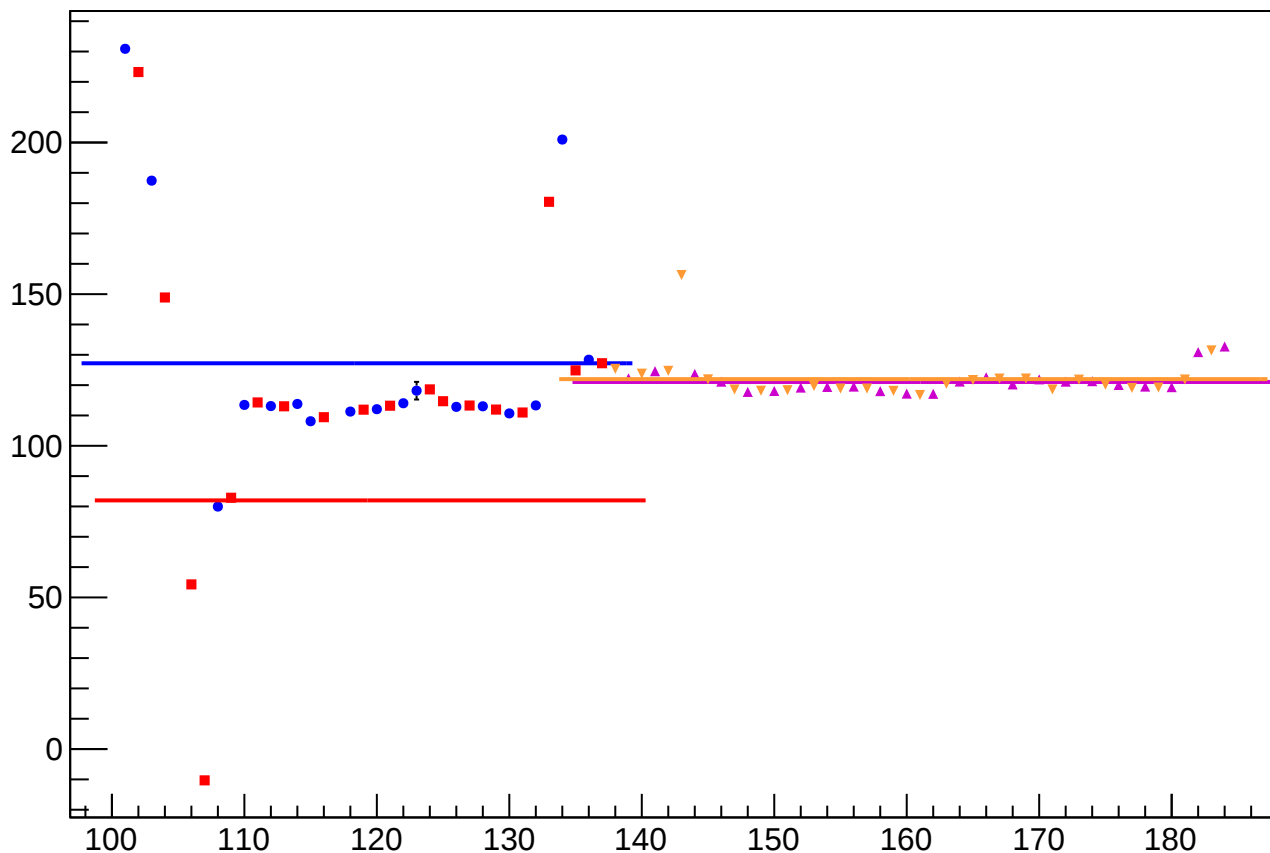
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -85.099 ± 0.746 χ^2/NDF : 1468.9/39

Out: -80.385 ± 0.719 χ^2/NDF : 1845.5/41

All: -82.654 ± 0.518 χ^2/NDF : 3335.1/81

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.987 $\pm$ 0.040 χ^2 /NDF: 29808.3/23

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 121.045 $\pm$ 0.040 χ^2 /NDF: 7903.5/22

Left: 121.514 $\pm$ 0.028 χ^2 /NDF: 37993.6/46

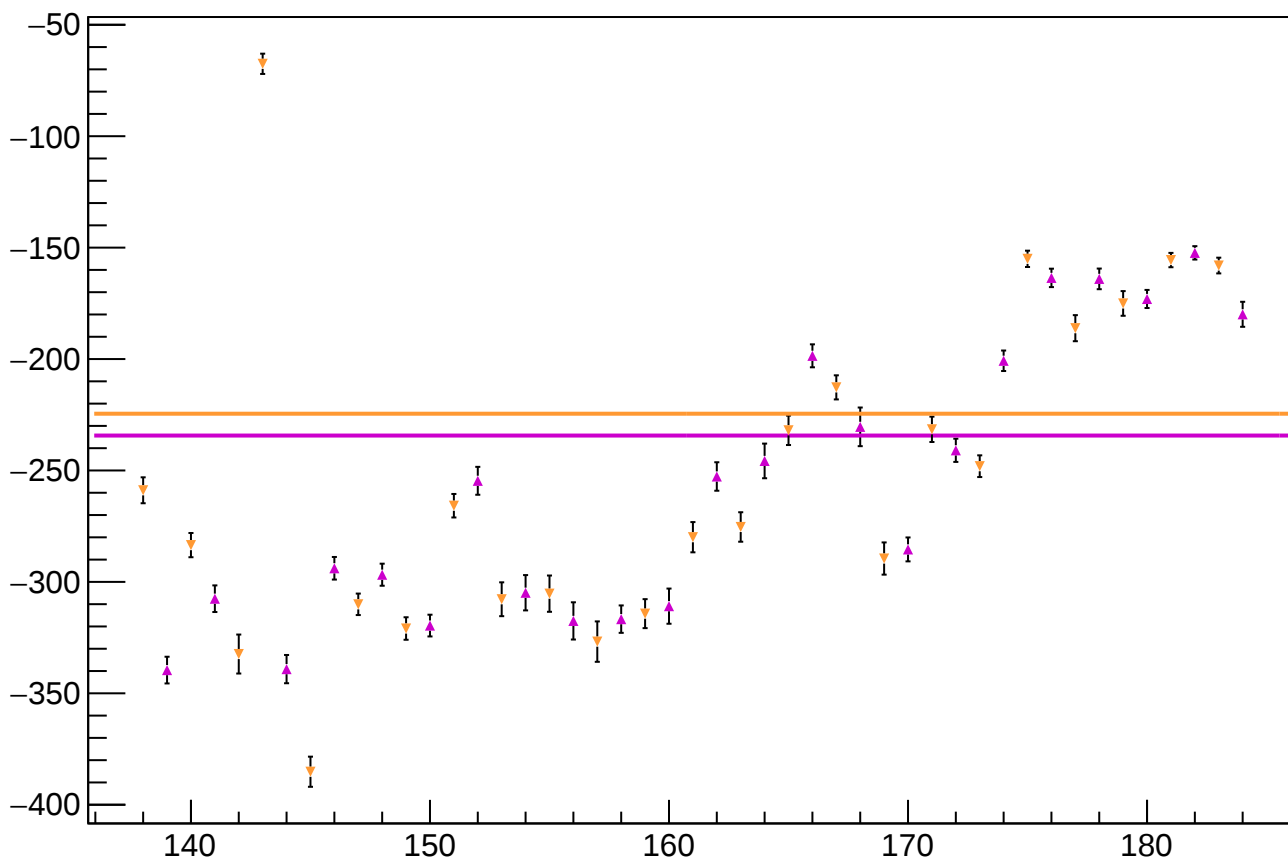
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.059 $\pm$ 0.036 χ^2 /NDF: 199918.8/39

Out: 113.310 $\pm$ 0.035 χ^2 /NDF: 999432.3/41

All: 117.562 $\pm$ 0.025 χ^2 /NDF: 1229443.4/81

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -224.530+/-1.091 χ^2/NDF :4870.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -234.328+/-1.104 χ^2/NDF :3591.9/22

Left: -229.370+/-0.776 χ^2/NDF : 8502.6/46

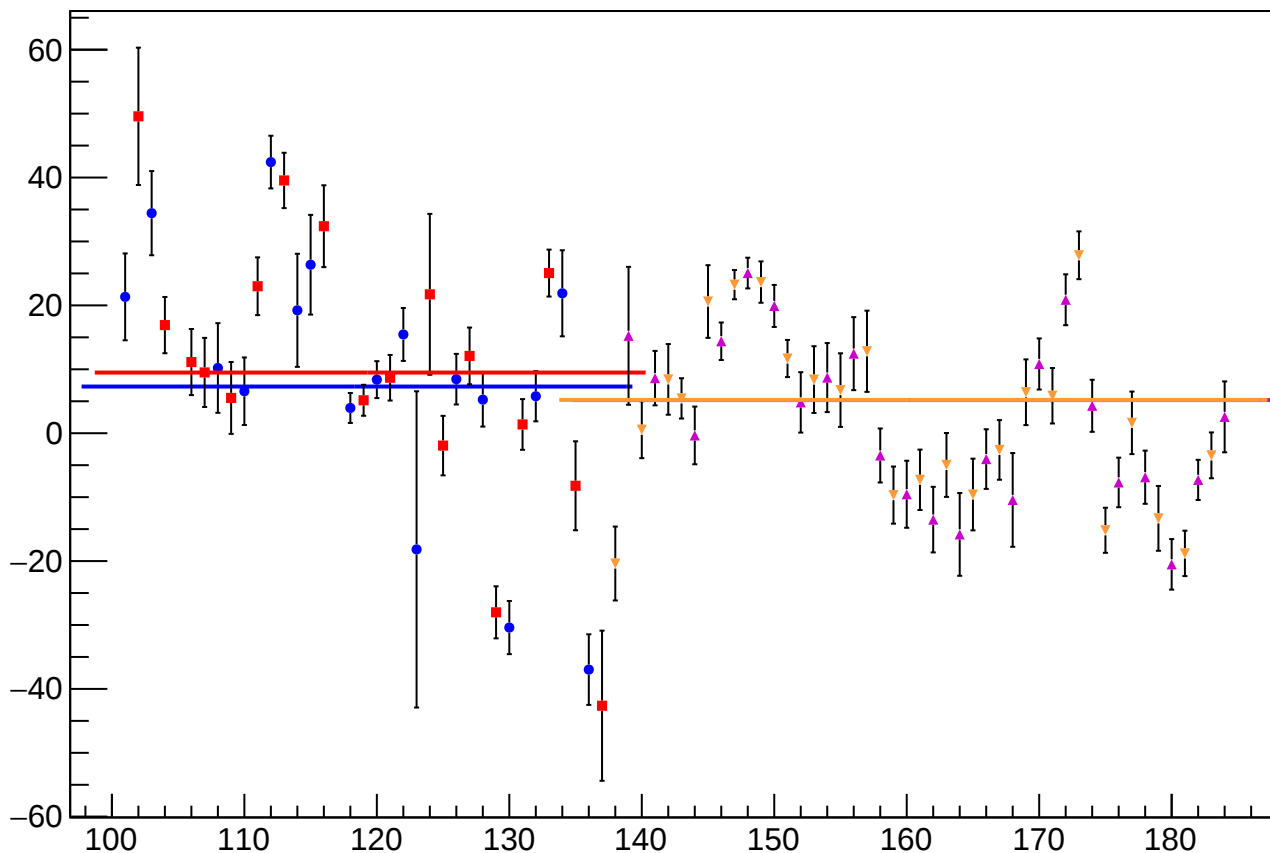
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -234.328+/-1.104 χ^2/NDF :3591.9/22

Out: -224.530+/-1.091 χ^2/NDF :4870.8/23

All: -229.370+/-0.776 χ^2/NDF : 8502.6/46

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 5.216 $\pm$ 0.835 χ^2 /NDF:297.7/23

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 5.186 $\pm$ 0.867 χ^2 /NDF:243.2/22

Left: 5.202 $\pm$ 0.601 χ^2 /NDF: 540.9/46

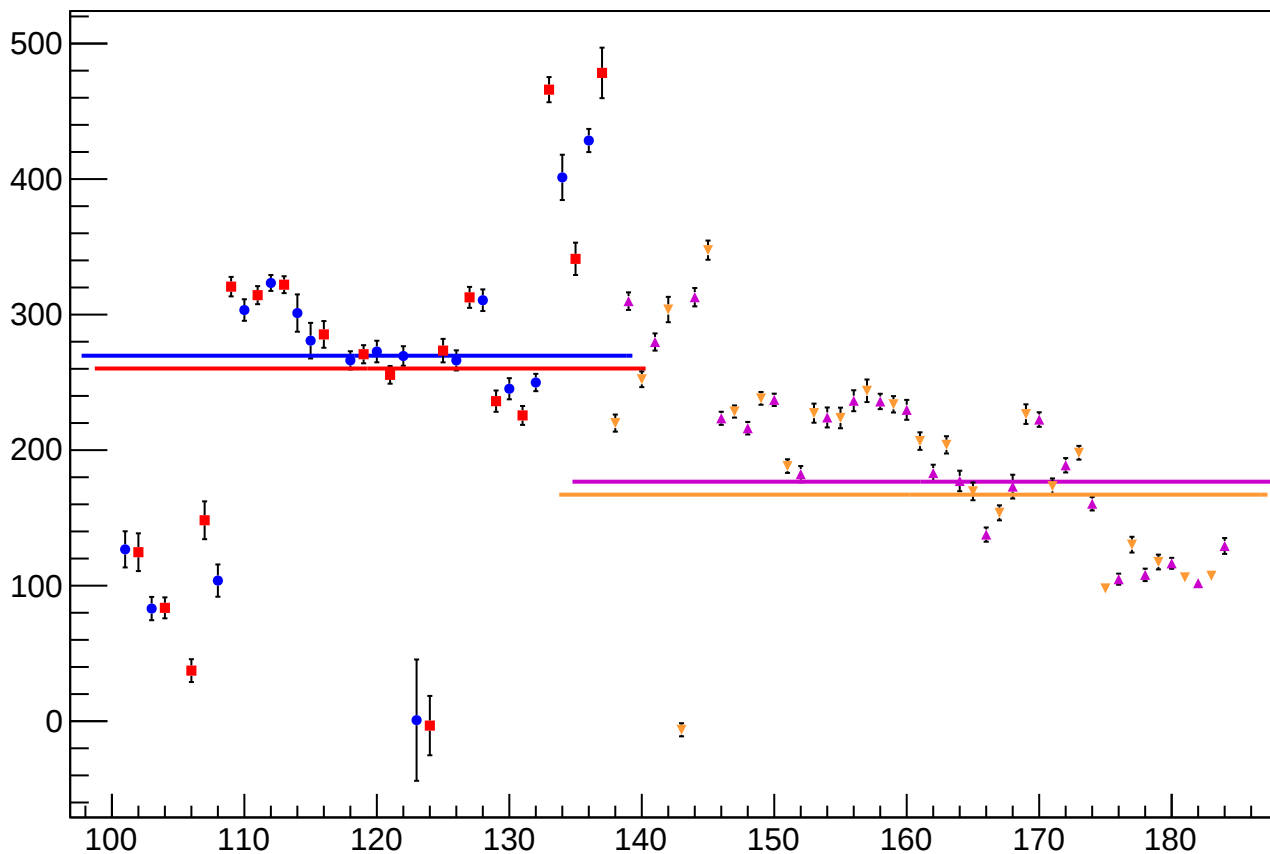
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 6.010 $\pm$ 0.677 χ^2 /NDF:506.1/39

Out: 6.828 $\pm$ 0.659 χ^2 /NDF:538.7/41

All: 6.430 $\pm$ 0.472 χ^2 /NDF: 1045.6/81

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 167.145 $\pm$ 1.093 χ^2 /NDF: 4453.7/23

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 176.711 $\pm$ 1.102 χ^2 /NDF: 3234.3/22

Left: 171.892 $\pm$ 0.776 χ^2 /NDF: 7725.9/46

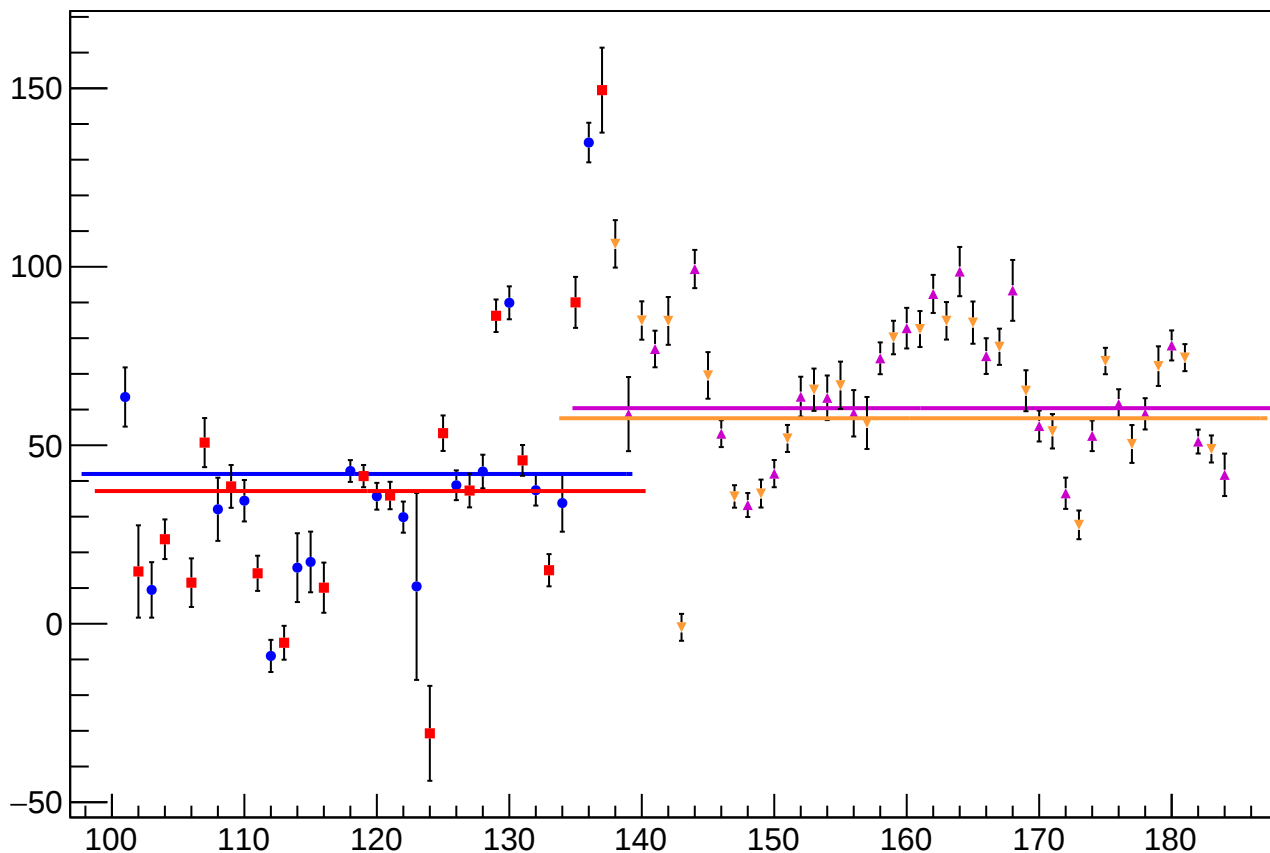
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 197.140 $\pm$ 0.973 χ^2 /NDF: 6175.0/39

Out: 188.920 $\pm$ 0.957 χ^2 /NDF: 8676.8/41

All: 192.961 $\pm$ 0.682 χ^2 /NDF: 14888.1/81

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: 57.569 $\pm$ 0.961 χ^2 /NDF: 646.2/23

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 60.392 $\pm$ 0.987 χ^2 /NDF: 341.2/22

Left: 58.942 $\pm$ 0.688 χ^2 /NDF: 991.7/46

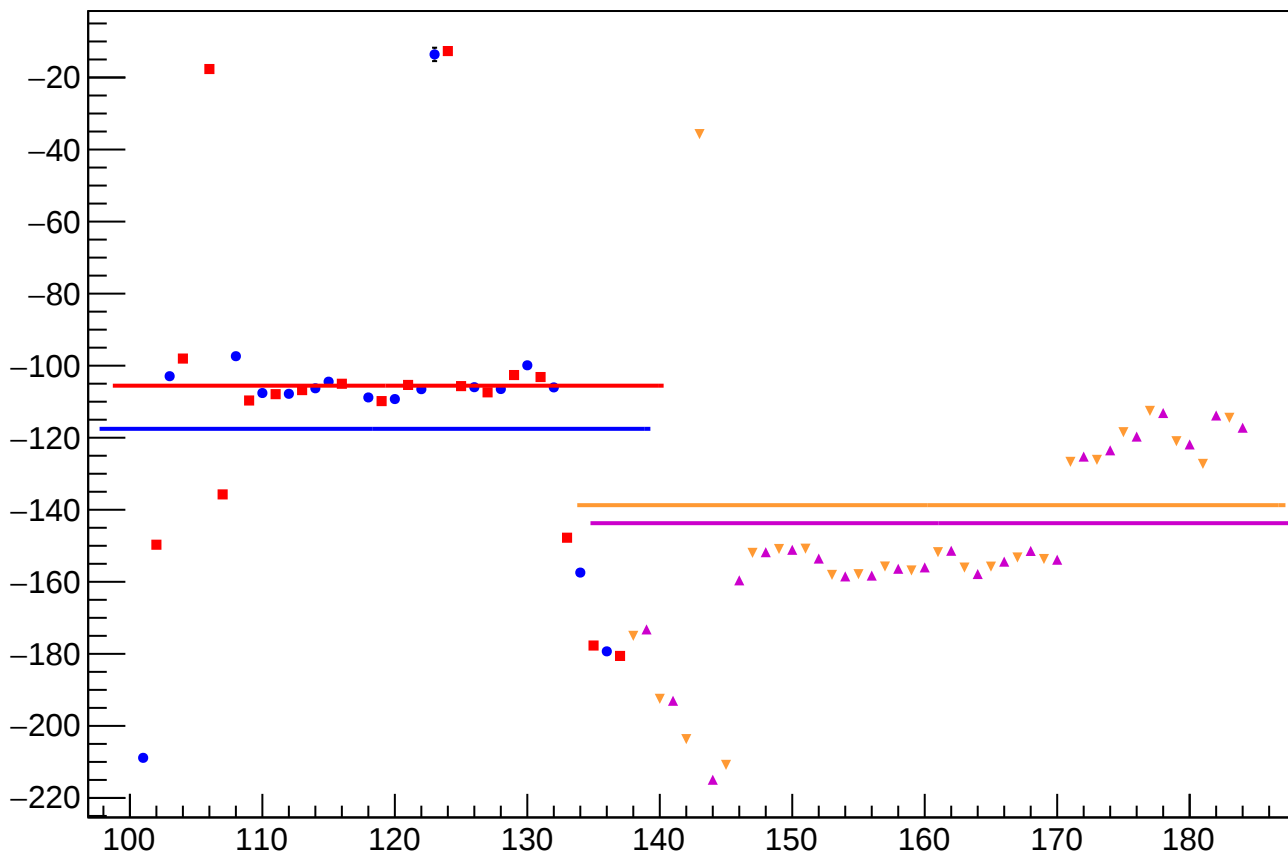
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 53.369 $\pm$ 0.777 χ^2 /NDF: 1048.3/39

Out: 49.888 $\pm$ 0.759 χ^2 /NDF: 1286.9/41

All: 51.587 $\pm$ 0.543 χ^2 /NDF: 2345.5/81

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -138.725+/-0.046 χ^2/NDF : 557322.7/23

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

Left: -141.217+/-0.032 χ^2/NDF : 824269.9/46

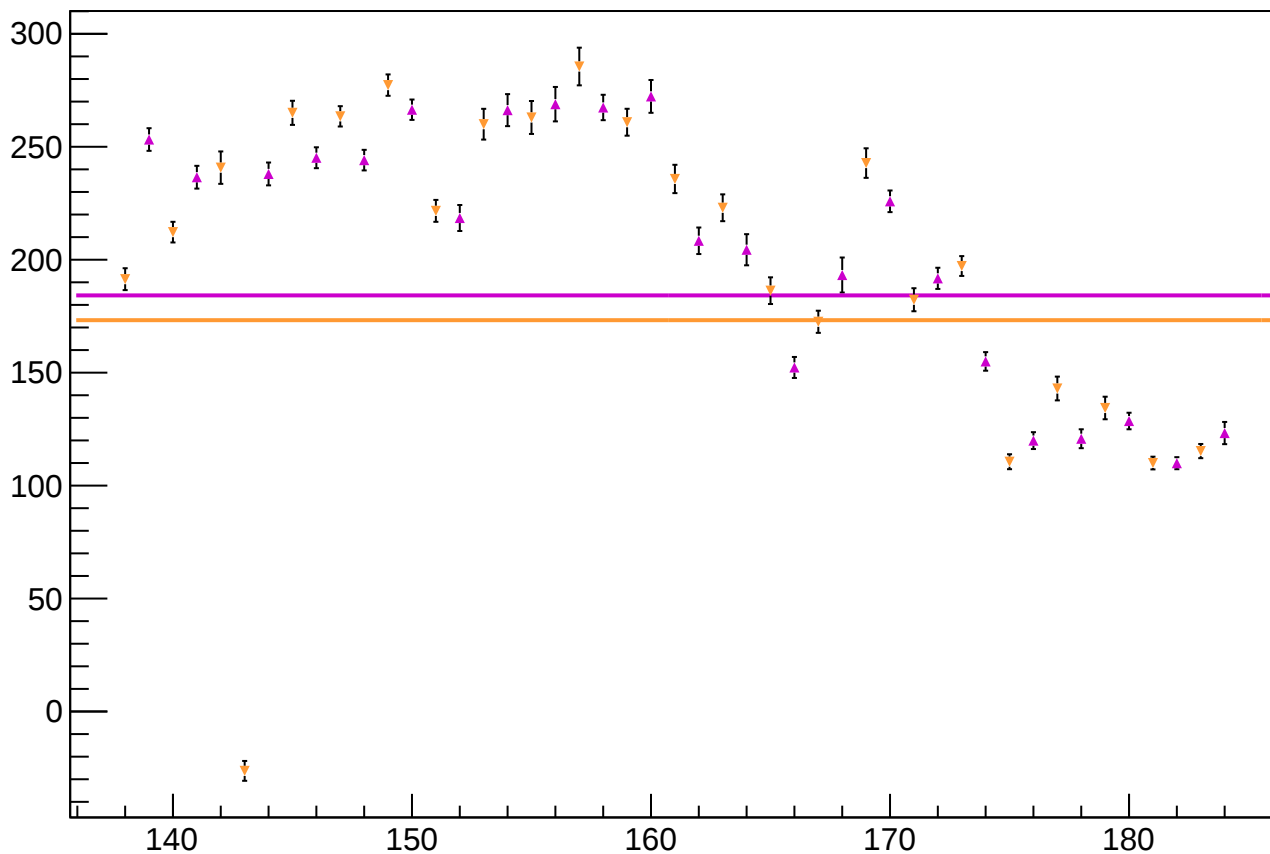
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -137.003+/-0.040 χ^2/NDF : 486587.3/39

Out: -129.343+/-0.039 χ^2/NDF : 1023337.3/41

All: -133.092+/-0.028 χ^2/NDF : 1529047.7/81

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Left: 178.661+/-0.694 χ^2/NDF : 9545.5/46

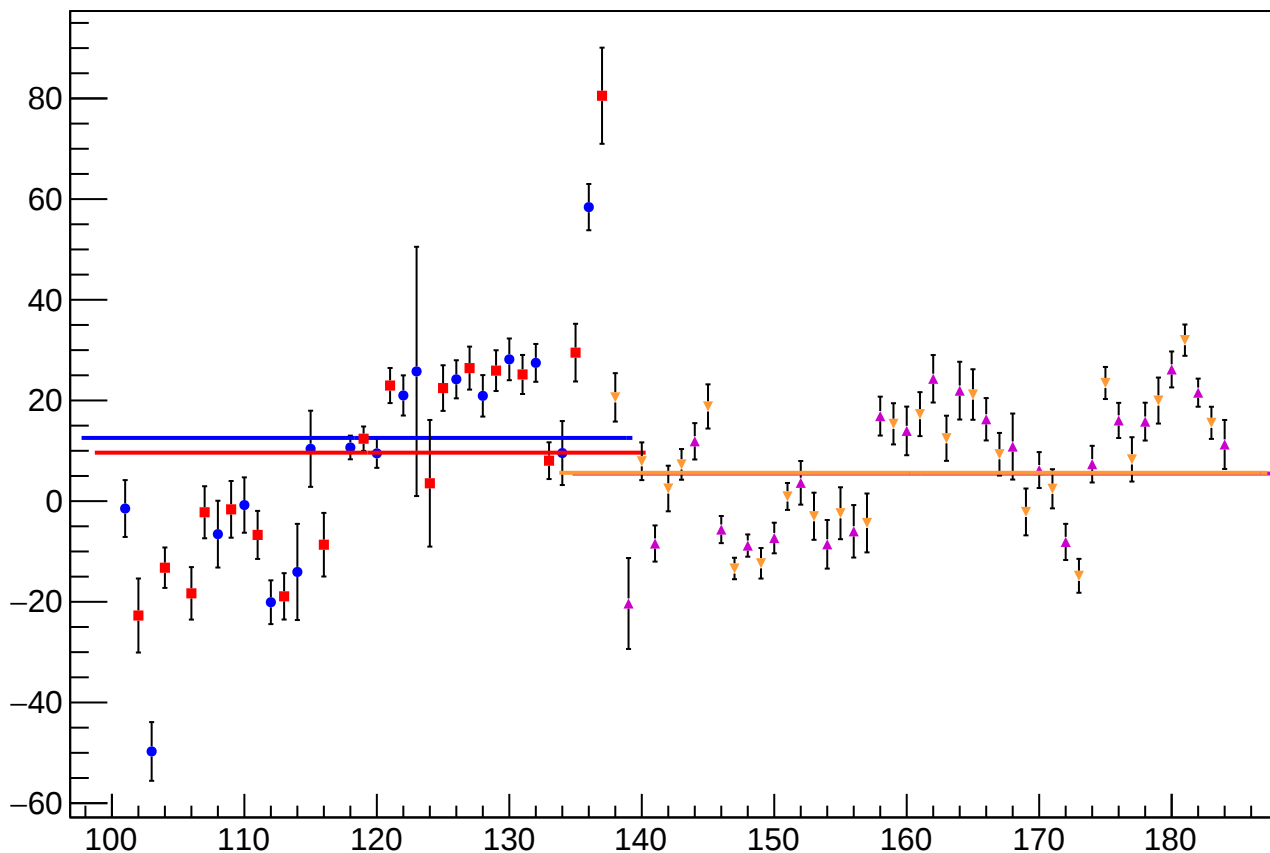
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Out: 173.234+/-0.976 χ^2/NDF :5845.9/23

All: 178.661+/-0.694 χ^2/NDF : 9545.5/46

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 5.633+/-0.754 χ^2/NDF : 335.3/23

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: 5.483+/-0.779 χ^2/NDF : 259.1/22

Left: 5.561+/-0.542 χ^2/NDF : 594.4/46

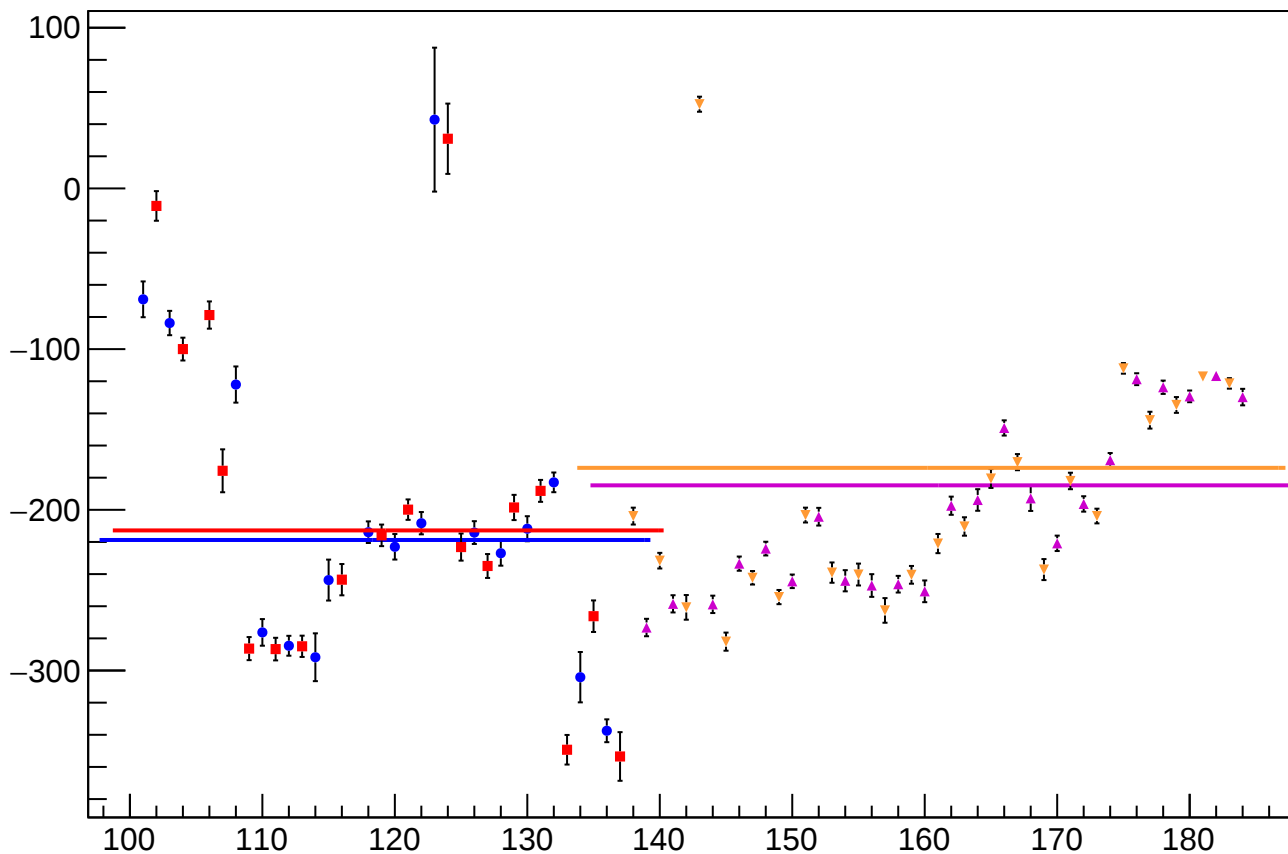
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 7.972+/-0.627 χ^2/NDF : 636.7/39

Out: 6.993+/-0.612 χ^2/NDF : 632.4/41

All: 7.471+/-0.438 χ^2/NDF : 1270.3/81

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 χ^2/NDF : 1144.4/16

Left Out: -173.880 ± 0.981 χ^2/NDF : 5442.4/23

Right Out: -212.817 ± 1.926 χ^2/NDF : 1824.5/17

Left In: -184.774 ± 0.987 χ^2/NDF : 3082.4/22

Left: -179.293 ± 0.696 χ^2/NDF : 8586.1/46

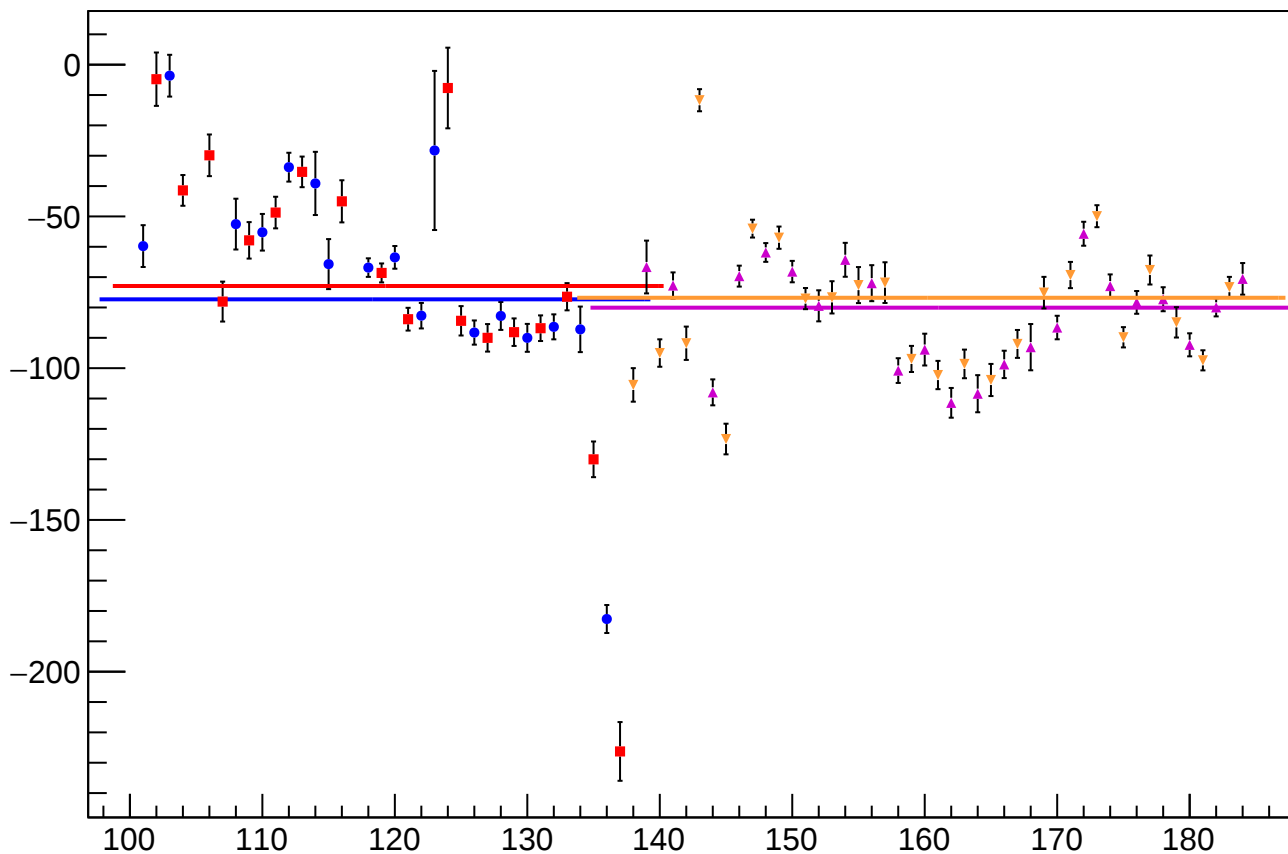
Right: -215.666 ± 1.391 χ^2/NDF : 2973.5/34

In: -191.376 ± 0.886 χ^2/NDF : 4457.3/39

Out: -181.896 ± 0.874 χ^2/NDF : 7591.3/41

All: -186.572 ± 0.622 χ^2/NDF : 12106.6/81

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.803 ± 0.866 χ^2/NDF : 775.0/23

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

Left: -78.397 ± 0.619 χ^2/NDF : 1068.7/46

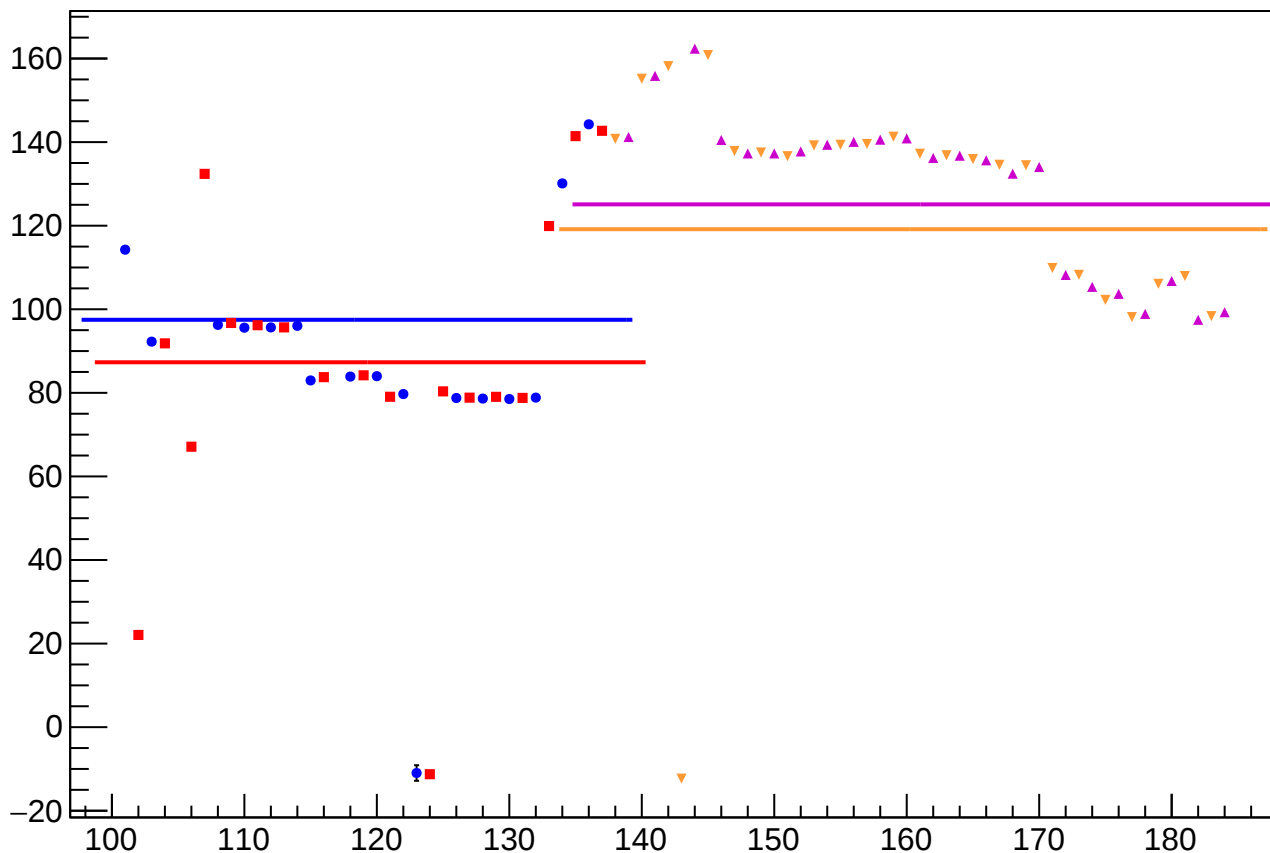
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -79.120 ± 0.717 χ^2/NDF : 1107.8/39

Out: -75.486 ± 0.704 χ^2/NDF : 1442.6/41

All: -77.268 ± 0.502 χ^2/NDF : 2563.5/81

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: 119.154+/-0.041 χ^2/NDF : 721869.6/23

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 125.101+/-0.041 χ^2/NDF : 222793.3/22

Left: 122.126+/-0.029 χ^2/NDF : 955139.9/46

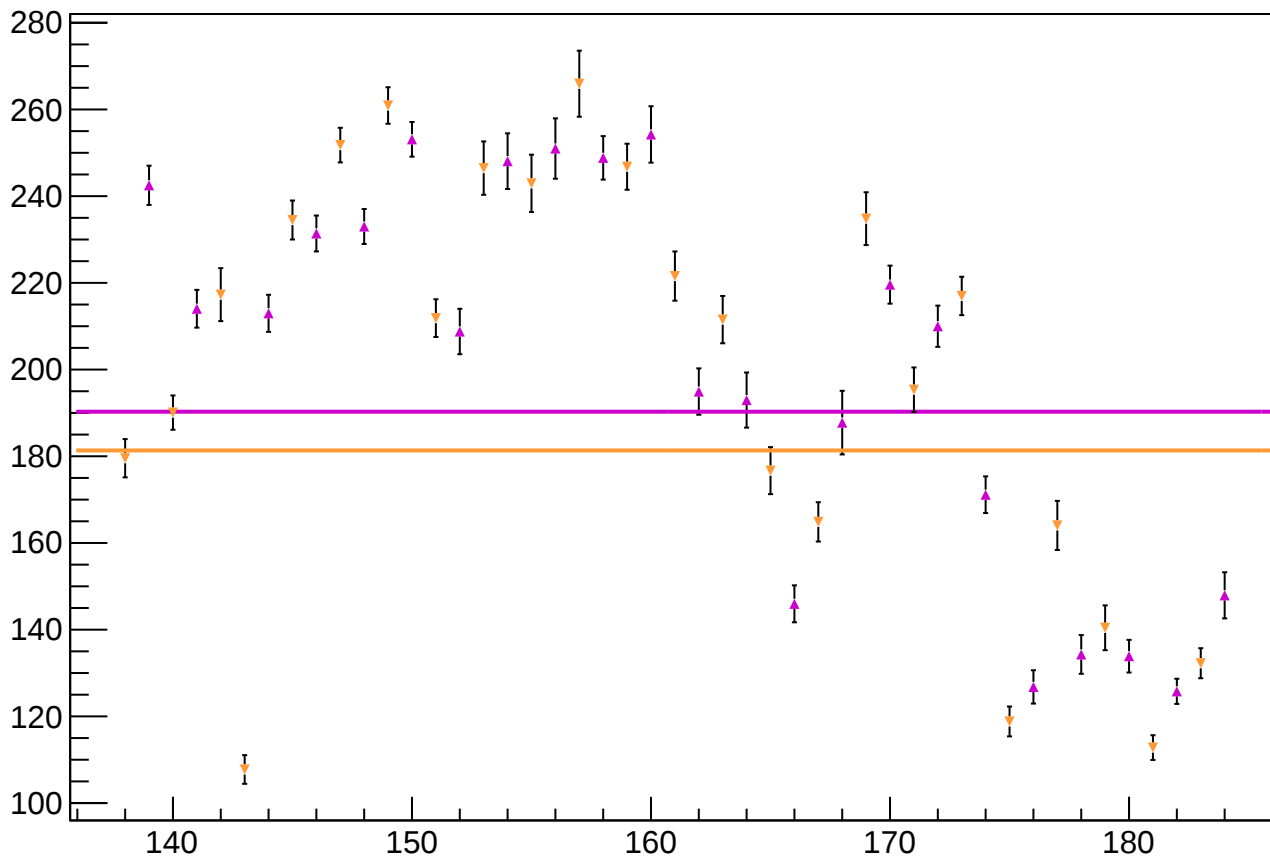
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 118.505+/-0.036 χ^2/NDF : 425051.6/39

Out: 110.707+/-0.035 χ^2/NDF : 1103163.2/41

All: 114.534+/-0.025 χ^2/NDF : 1552298.3/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 181.343+/-0.921 χ^2/NDF :3288.6/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Left: 185.677+/-0.661 χ^2/NDF : 5787.2/46

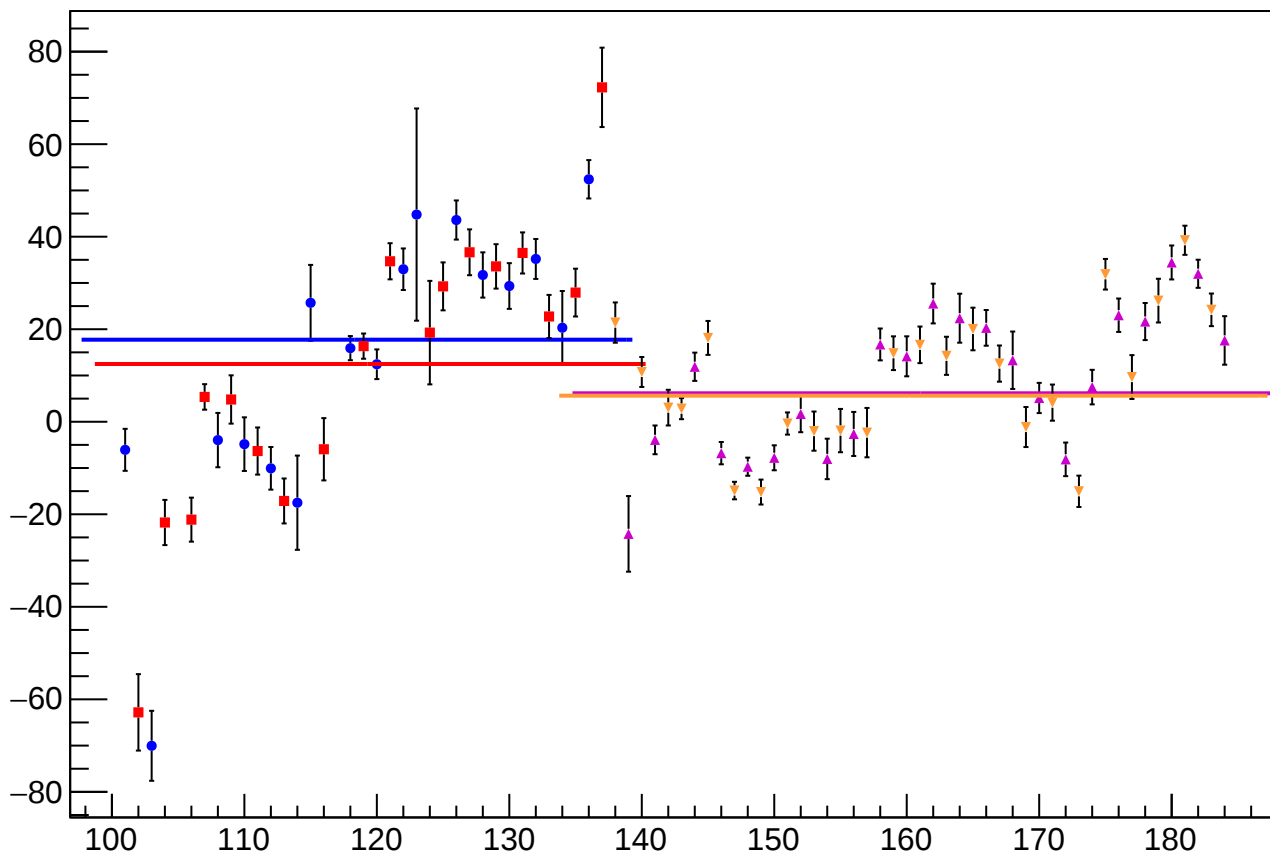
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.279+/-0.949 χ^2/NDF :2452.9/22

Out: 181.343+/-0.921 χ^2/NDF :3288.6/23

All: 185.677+/-0.661 χ^2/NDF : 5787.2/46

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737+/-1.149 χ^2/NDF : 394.0/16

Left Out: 5.638+/-0.692 χ^2/NDF : 515.9/23

Right Out: 12.484+/-1.085 χ^2/NDF : 429.2/17

Left In: 6.151+/-0.730 χ^2/NDF : 410.6/22

Left: 5.881+/-0.502 χ^2/NDF : 926.7/46

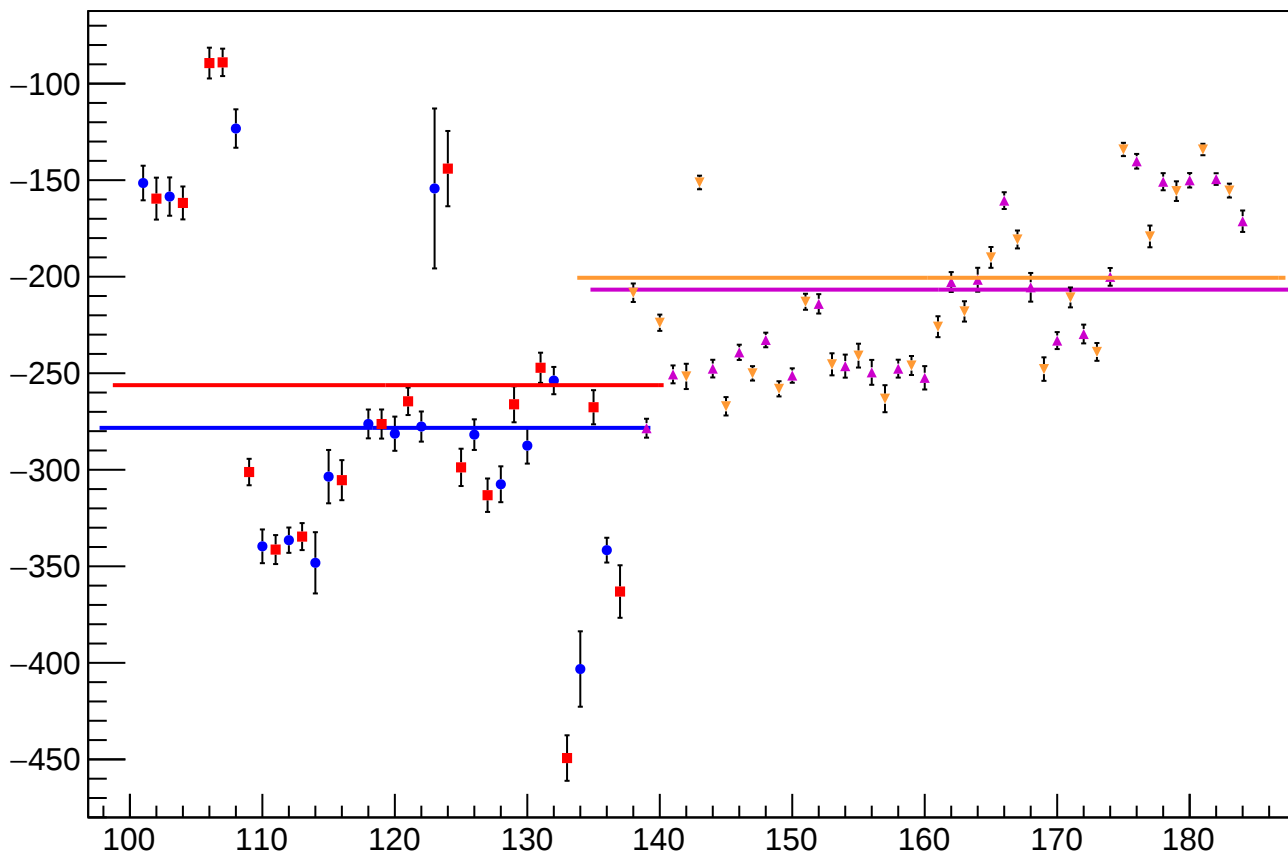
Right: 14.961+/-0.789 χ^2/NDF : 834.2/34

In: 9.484+/-0.616 χ^2/NDF : 877.0/39

Out: 7.617+/-0.583 χ^2/NDF : 973.4/41

All: 8.500+/-0.424 χ^2/NDF : 1855.2/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2 /NDF: 910.0/16

Left Out: -200.557 $\pm$ 0.925 χ^2 /NDF:2467.0/23

Right Out: -256.177 $\pm$ 2.025 χ^2 /NDF: 1952.2/17

Left In: -206.700 $\pm$ 0.946 χ^2 /NDF:2134.9/22

Left: -203.558 $\pm$ 0.661 χ^2 /NDF: 4623.5/46

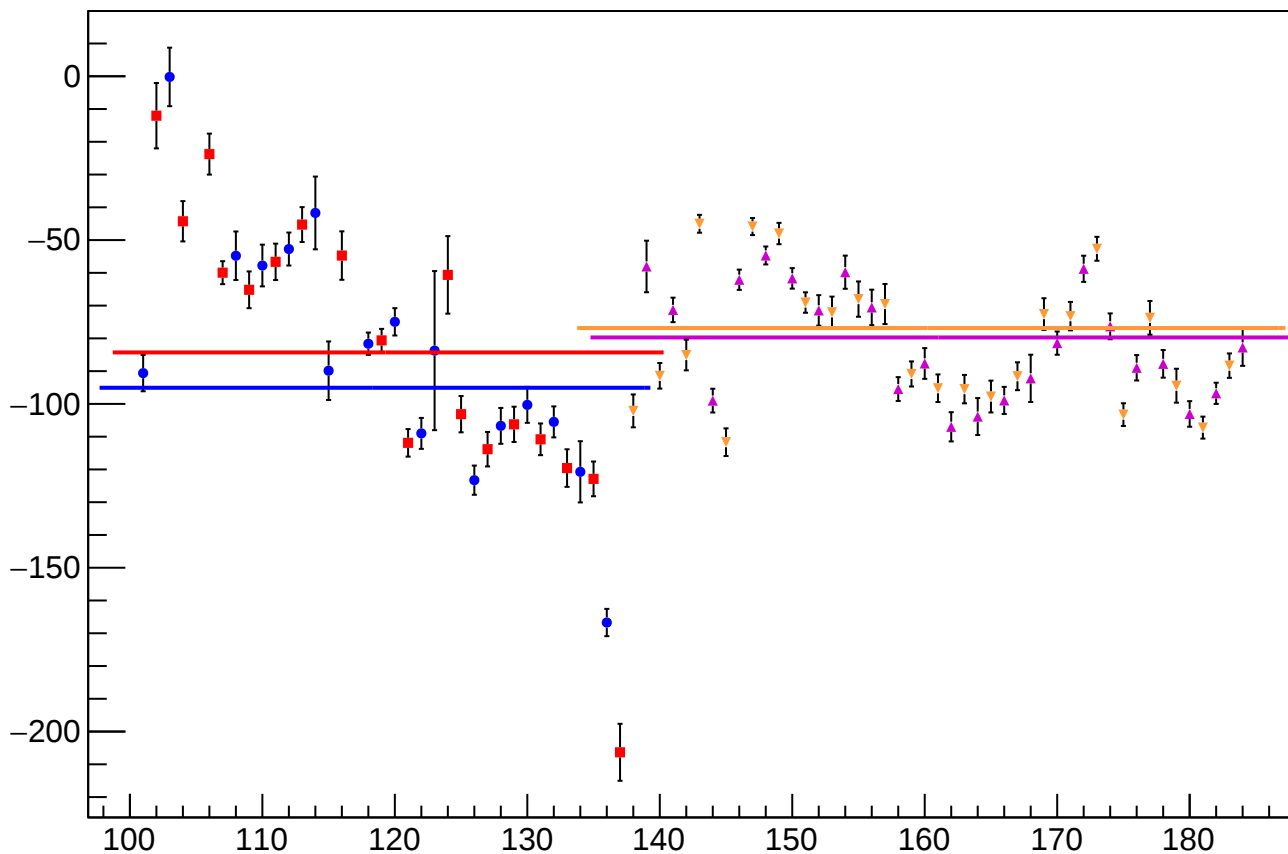
Right: -266.460 $\pm$ 1.481 χ^2 /NDF: 2917.6/34

In: -218.116 $\pm$ 0.867 χ^2 /NDF:3958.0/39

Out: -210.156 $\pm$ 0.841 χ^2 /NDF:5043.5/41

All: -214.014 $\pm$ 0.604 χ^2 /NDF: 9044.9/81

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.842 ± 0.802 χ^2/NDF : 764.9/23

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

Left: -78.219 ± 0.579 χ^2/NDF : 1186.2/46

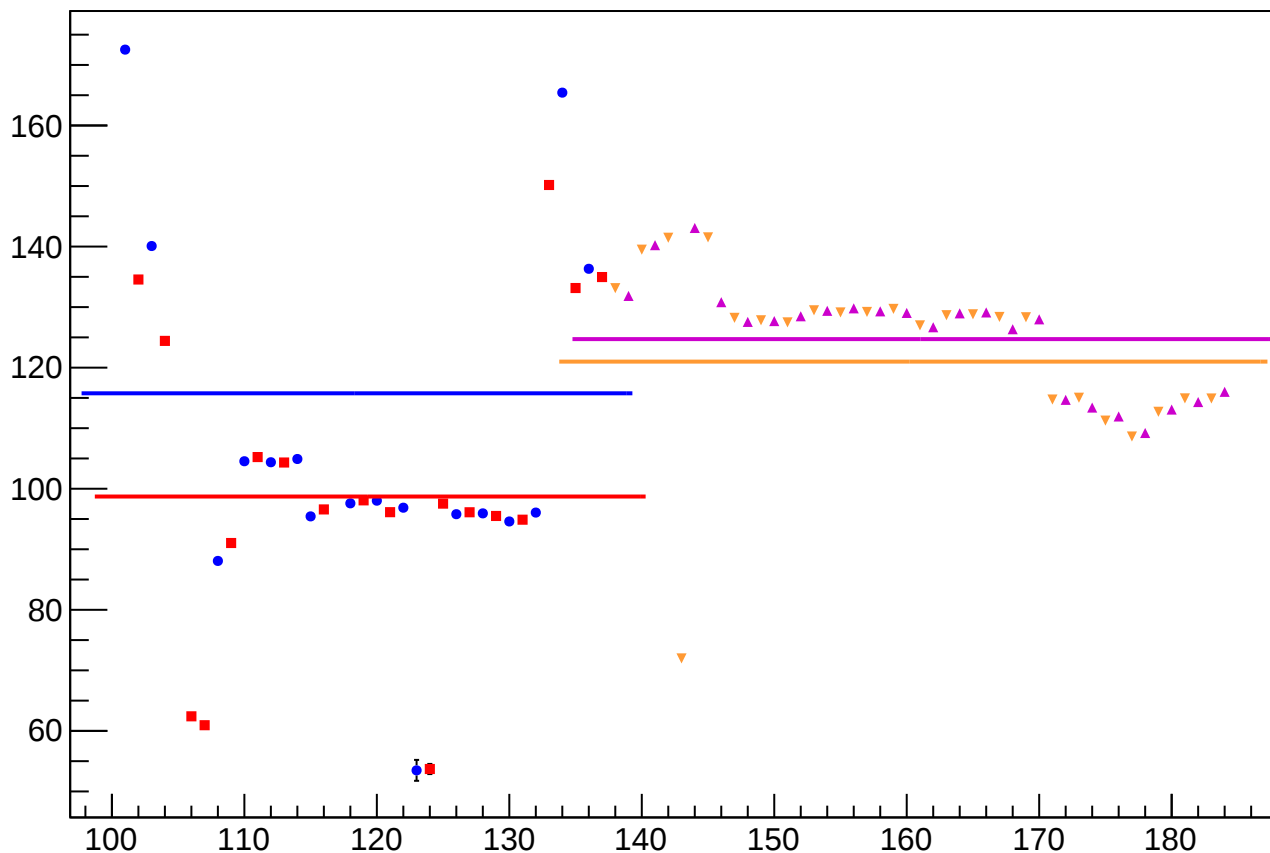
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -84.100 ± 0.708 χ^2/NDF : 1184.3/39

Out: -78.994 ± 0.676 χ^2/NDF : 1558.6/41

All: -81.431 ± 0.489 χ^2/NDF : 2770.0/81

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: 120.998 $\pm$ 0.038 χ^2 /NDF:182176.7/23

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

Left: 122.826 $\pm$ 0.027 χ^2 /NDF: 238522.2/46

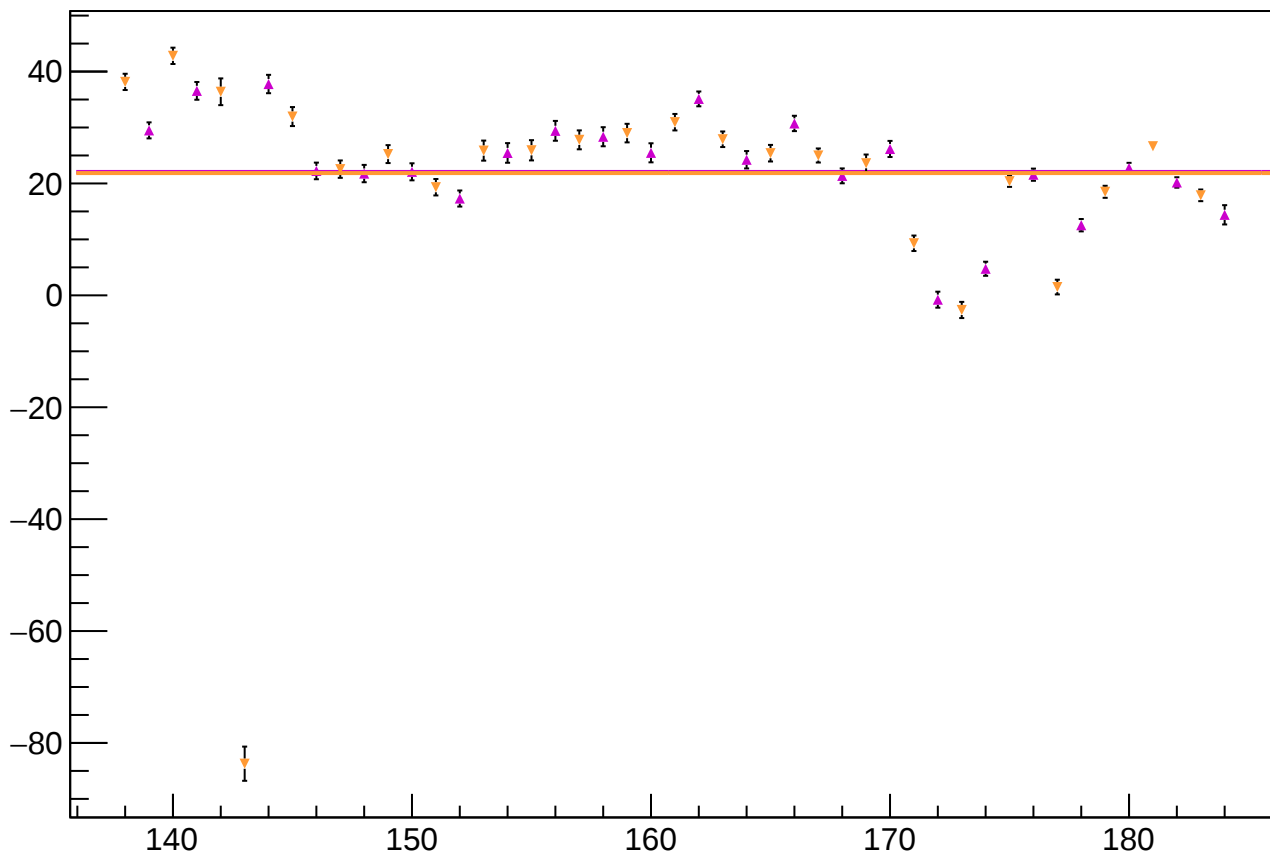
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 122.921 $\pm$ 0.035 χ^2 /NDF:168557.2/39

Out: 115.683 $\pm$ 0.034 χ^2 /NDF:432462.4/41

All: 119.155 $\pm$ 0.024 χ^2 /NDF: 623340.6/81

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.055+/-0.284 χ^2/NDF :941.3/22

Left: 21.954+/-0.201 χ^2/NDF : 3324.0/46

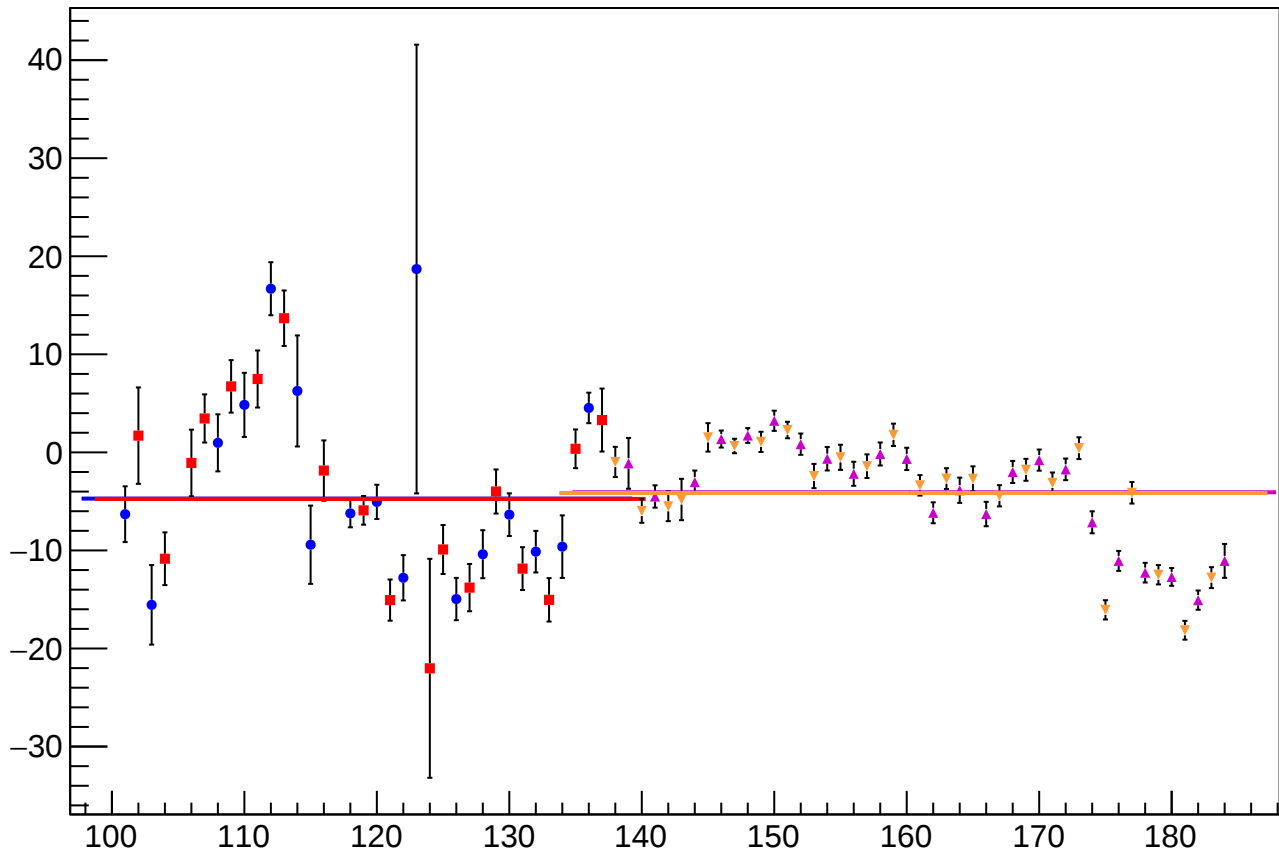
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.055+/-0.284 χ^2/NDF :941.3/22

Out: 21.854+/-0.285 χ^2/NDF :2382.5/23

All: 21.954+/-0.201 χ^2/NDF : 3324.0/46

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -4.144 ± 0.225 χ^2/NDF : 715.4/23

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: -4.069 ± 0.227 χ^2/NDF : 580.1/22

Left: -4.107 ± 0.160 χ^2/NDF : 1295.5/46

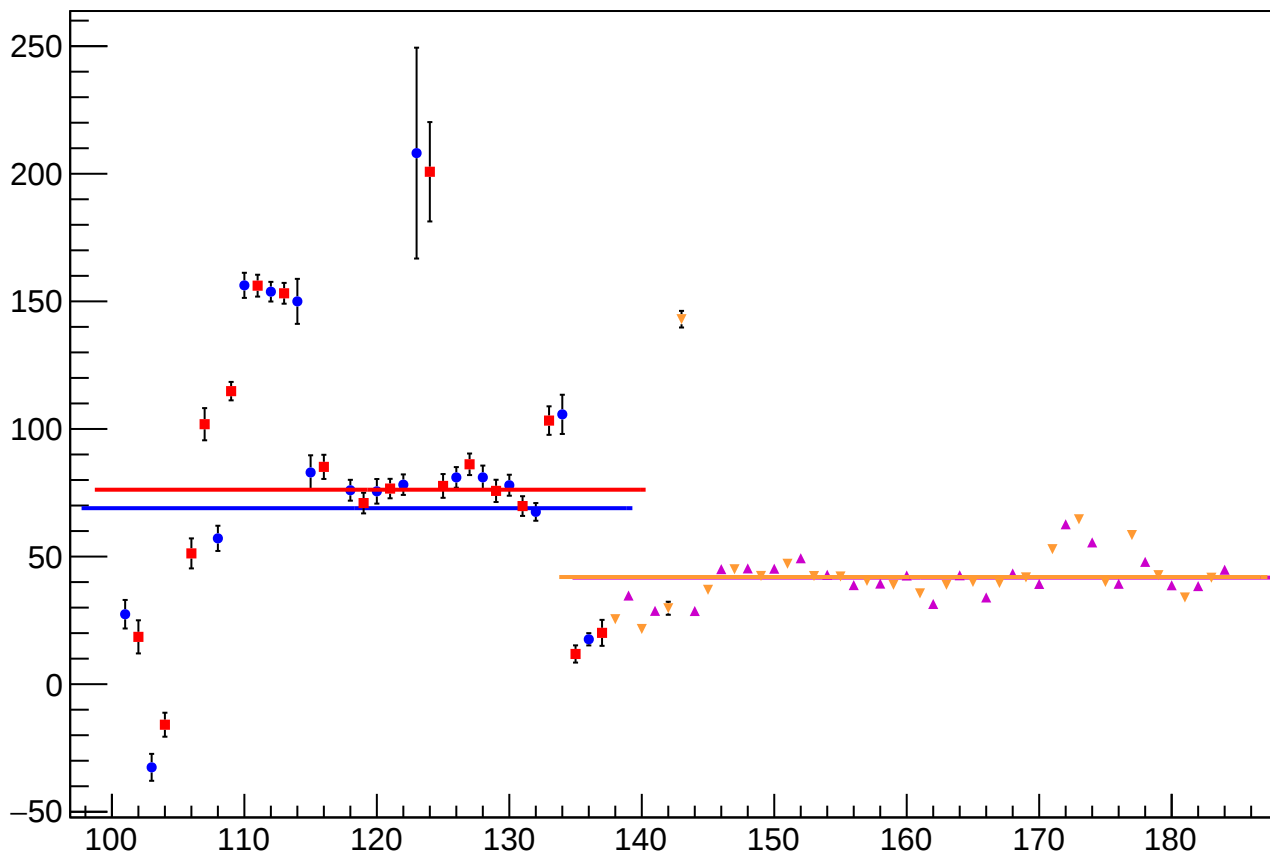
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -4.155 ± 0.212 χ^2/NDF : 755.8/39

Out: -4.221 ± 0.210 χ^2/NDF : 905.6/41

All: -4.188 ± 0.149 χ^2/NDF : 1661.5/81

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 41.987 ± 0.284 $\chi^2/\text{NDF}: 1855.8/23$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 41.755 ± 0.283 $\chi^2/\text{NDF}: 659.6/22$

Left: 41.870 ± 0.201 $\chi^2/\text{NDF}: 2515.7/46$

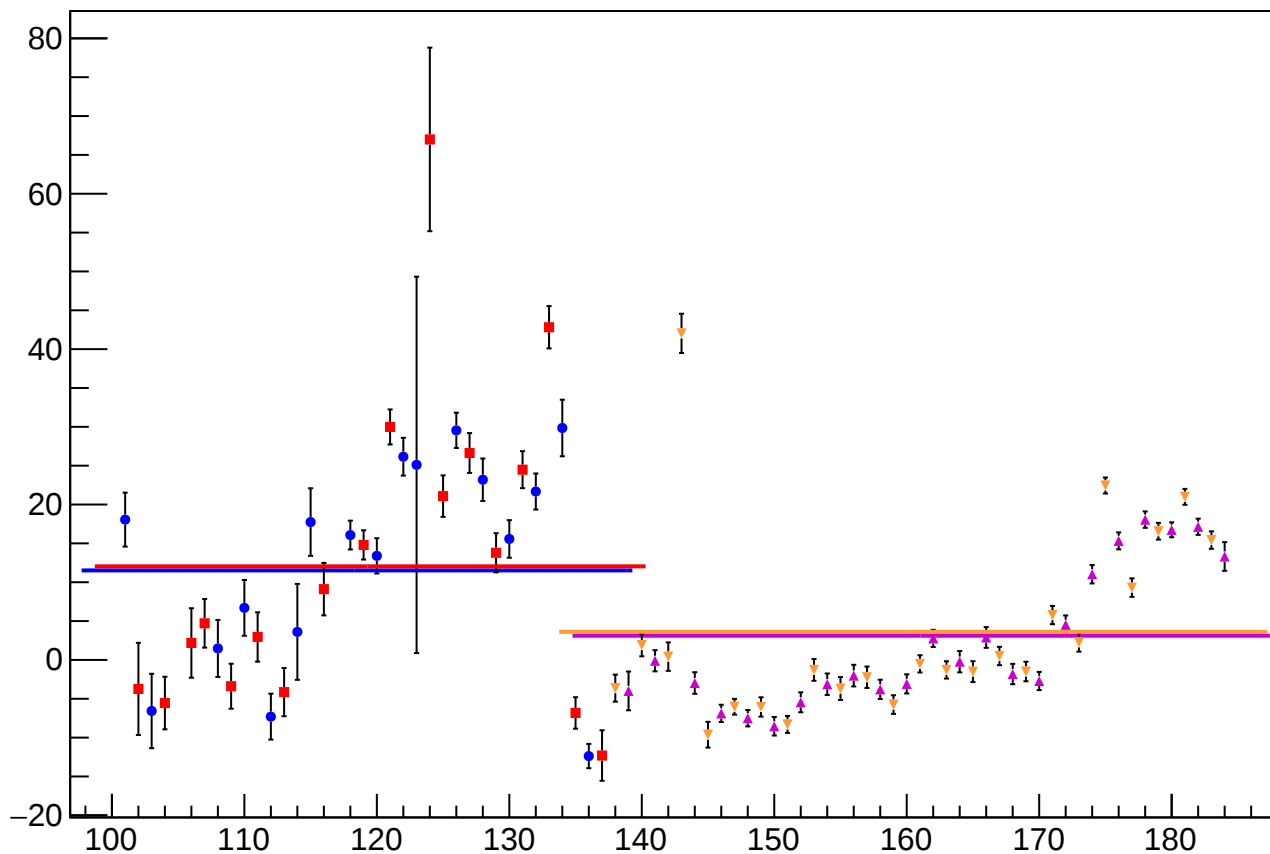
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 43.506 ± 0.274 $\chi^2/\text{NDF}: 3098.5/39$

Out: 44.237 ± 0.275 $\chi^2/\text{NDF}: 4690.1/41$

All: 43.870 ± 0.194 $\chi^2/\text{NDF}: 7792.1/81$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 3.618 $\pm$ 0.254 χ^2 /NDF:1679.6/23

Right Out: 12.046 $\pm$ 0.665 χ^2 /NDF: 538.7/17

Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

Left: 3.368 $\pm$ 0.180 χ^2 /NDF: 2954.6/46

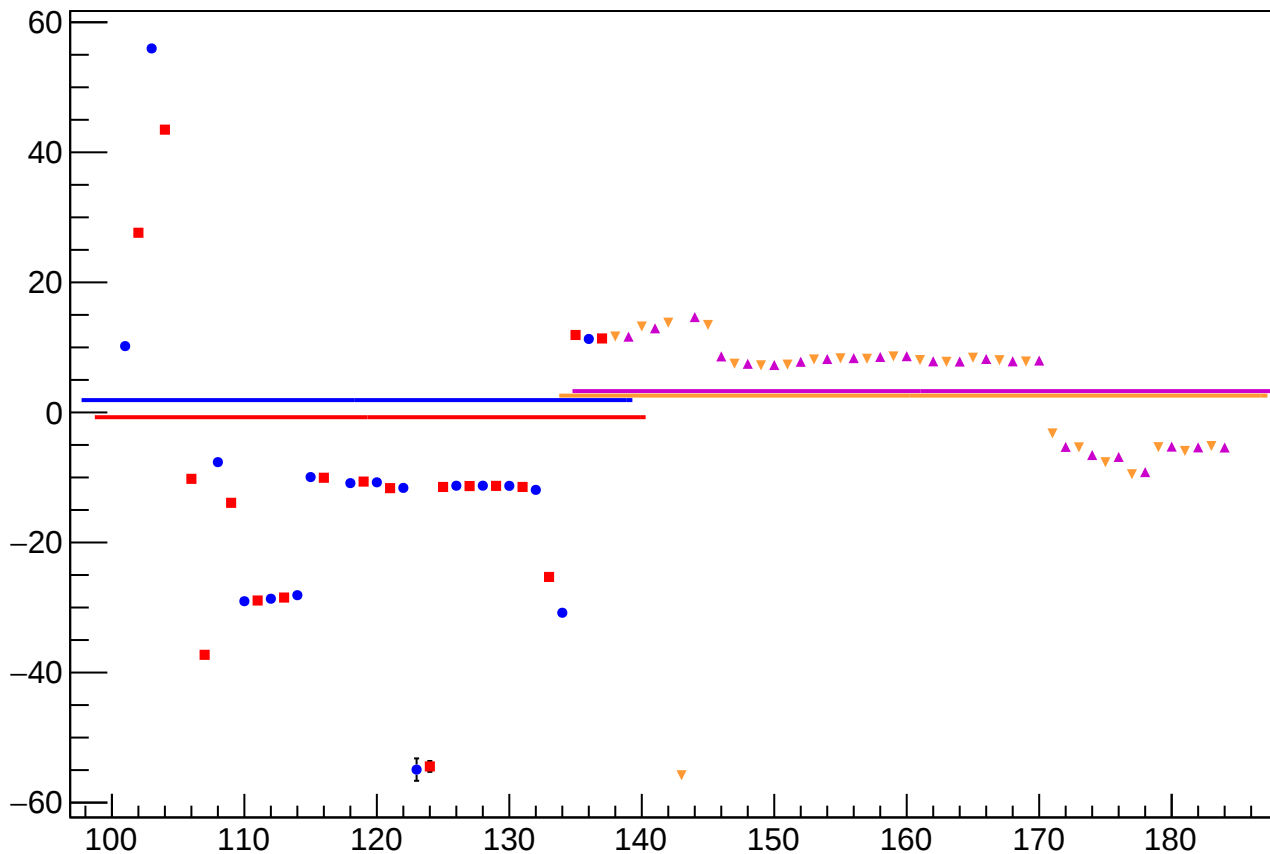
Right: 11.782 $\pm$ 0.468 χ^2 /NDF: 1016.2/34

In: 4.216 $\pm$ 0.239 χ^2 /NDF:1891.3/39

Out: 4.694 $\pm$ 0.237 χ^2 /NDF:2358.7/41

All: 4.457 $\pm$ 0.168 χ^2 /NDF: 4252.0/81

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 2.588 ± 0.012 $\chi^2/\text{NDF}: 608012.1/23$

Right Out: -0.733 ± 0.037 $\chi^2/\text{NDF}: 359934.4/17$

Left In: 3.281 ± 0.012 $\chi^2/\text{NDF}: 409605.3/22$

Left: 2.937 ± 0.008 $\chi^2/\text{NDF}: 1019389.2/46$

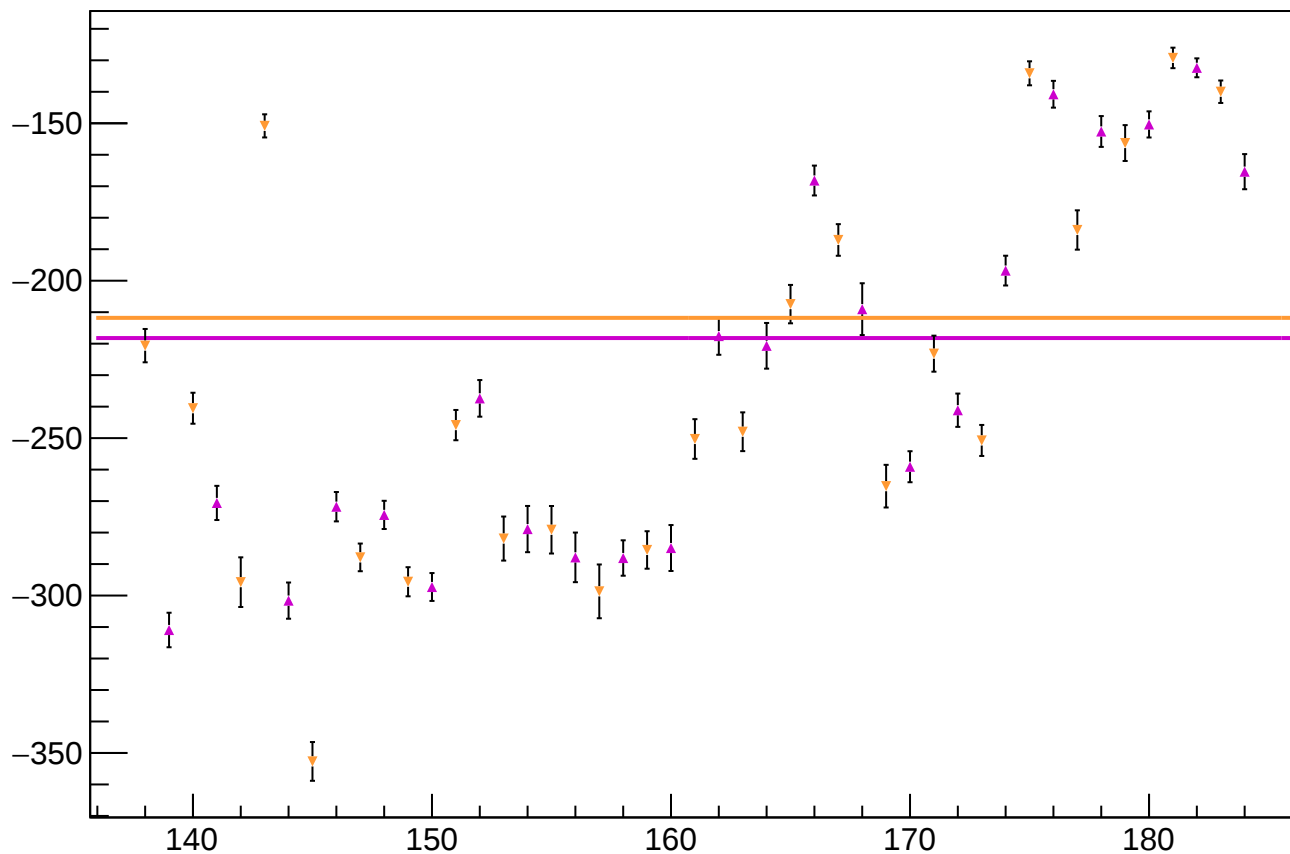
Right: 0.584 ± 0.026 $\chi^2/\text{NDF}: 721303.3/34$

In: 3.157 ± 0.011 $\chi^2/\text{NDF}: 769734.2/39$

Out: 2.288 ± 0.011 $\chi^2/\text{NDF}: 975229.3/41$

All: 2.726 ± 0.008 $\chi^2/\text{NDF}: 1748022.7/81$

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Left: -214.938 ± 0.743 $\chi^2/\text{NDF}: 7386.7/46$

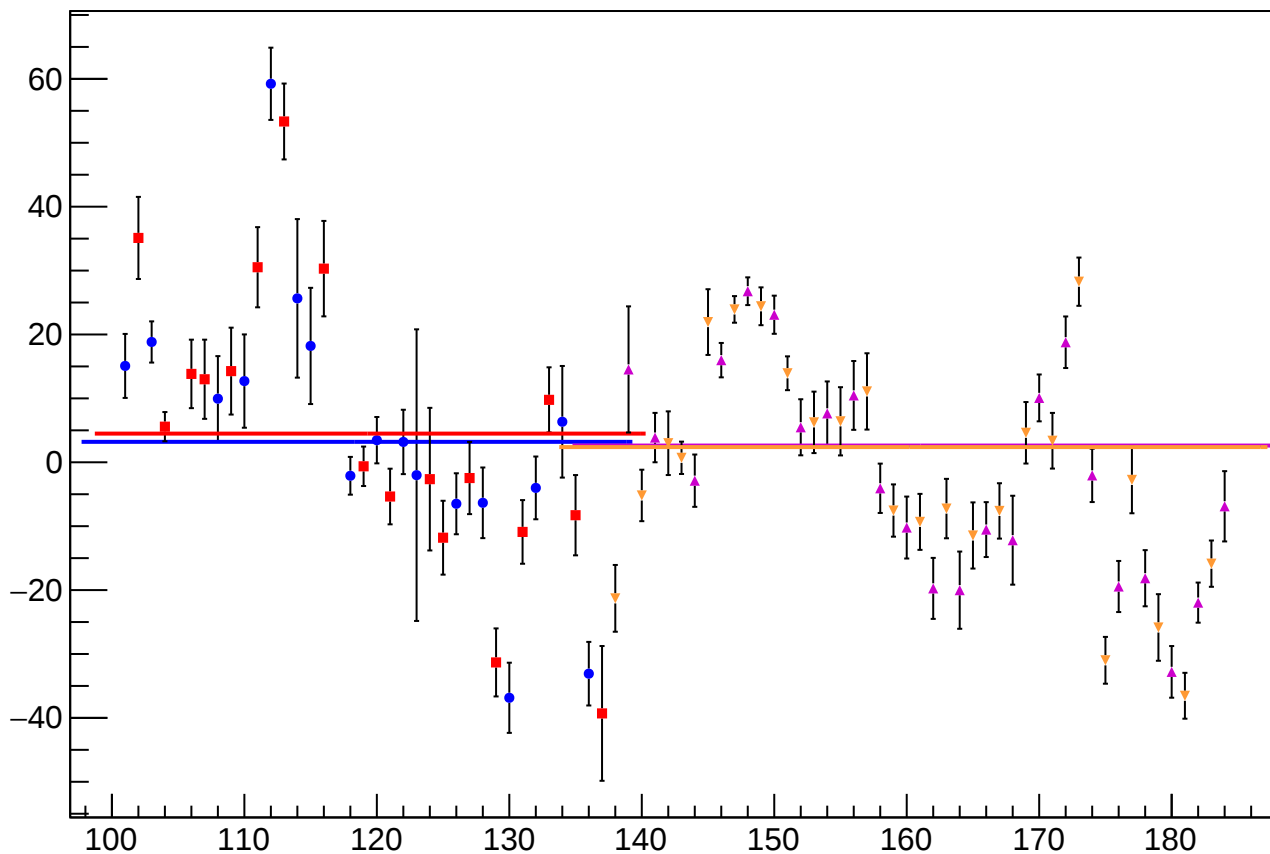
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Out: -211.801 ± 1.040 $\chi^2/\text{NDF}: 3869.1/23$

All: -214.938 ± 0.743 $\chi^2/\text{NDF}: 7386.7/46$

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: 2.378 ± 0.780 $\chi^2/\text{NDF}: 557.1/23$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 2.619 ± 0.821 $\chi^2/\text{NDF}: 477.6/22$

Left: 2.492 ± 0.565 $\chi^2/\text{NDF}: 1034.8/46$

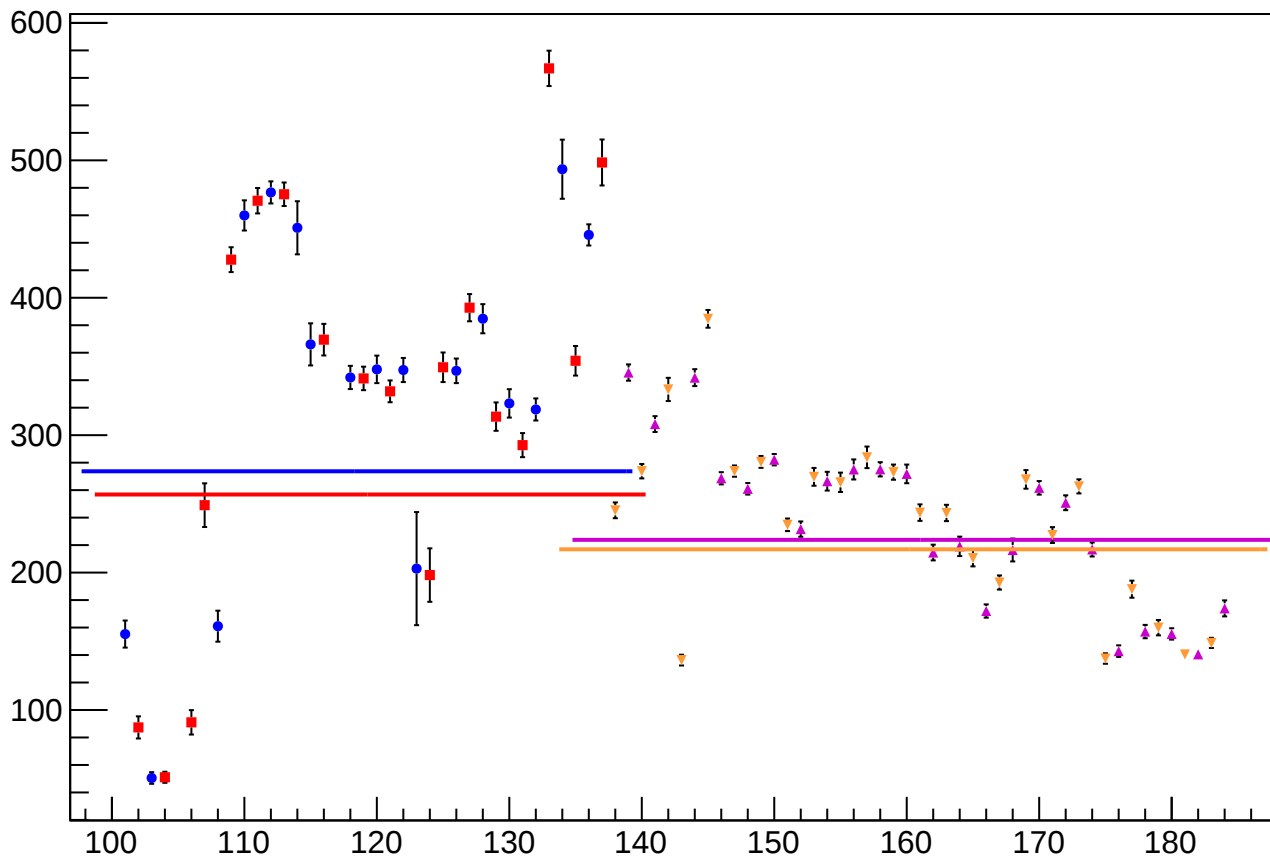
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 2.798 ± 0.682 $\chi^2/\text{NDF}: 732.9/39$

Out: 3.036 ± 0.647 $\chi^2/\text{NDF}: 781.2/41$

All: 2.924 ± 0.469 $\chi^2/\text{NDF}: 1514.1/81$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 ± 2.195 $\chi^2/\text{NDF}: 5103.3/16$

Left Out: 216.938 ± 1.042 $\chi^2/\text{NDF}: 3757.1/23$

Right Out: 256.826 ± 2.084 $\chi^2/\text{NDF}: 6411.8/17$

Left In: 223.827 ± 1.058 $\chi^2/\text{NDF}: 3444.7/22$

Left: 220.328 ± 0.742 $\chi^2/\text{NDF}: 7223.3/46$

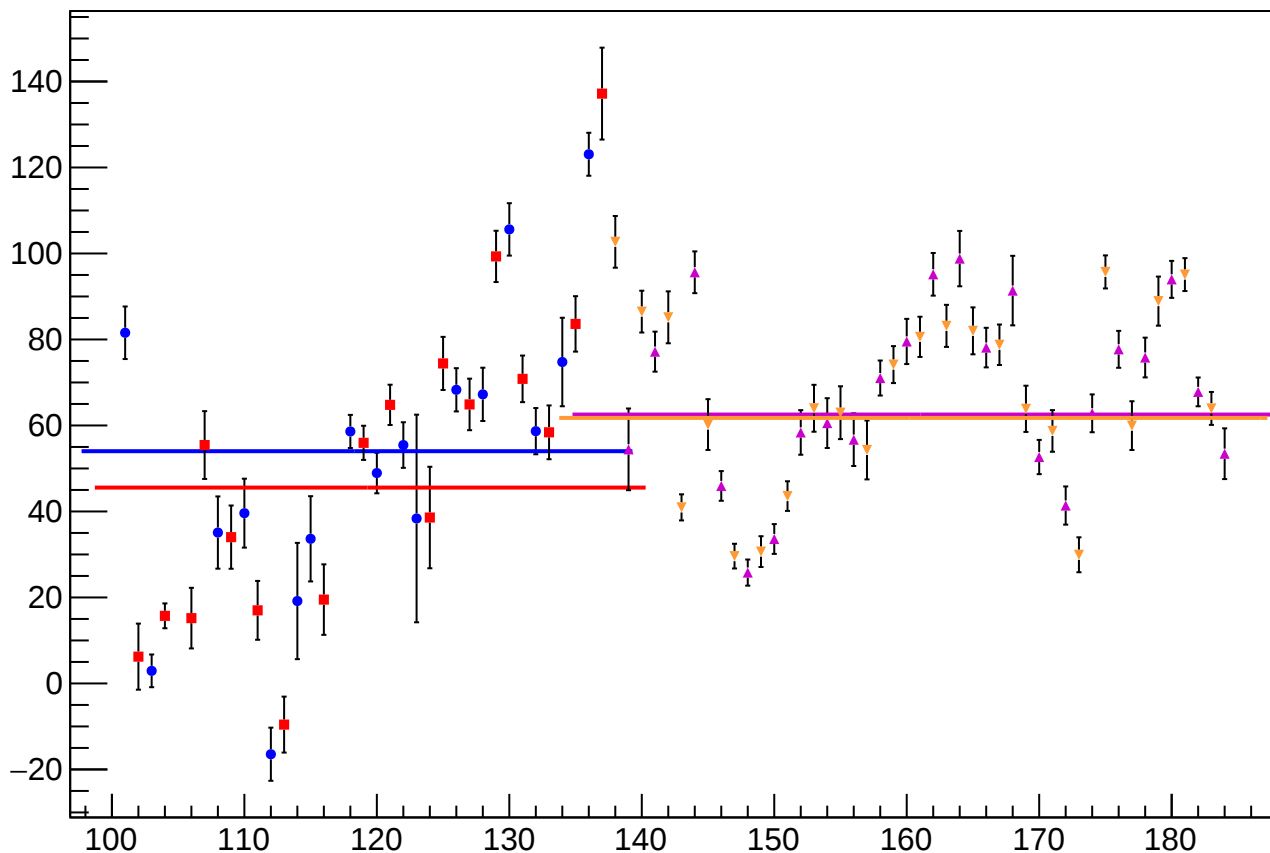
Right: 264.834 ± 1.511 $\chi^2/\text{NDF}: 11546.2/34$

In: 233.242 ± 0.953 $\chi^2/\text{NDF}: 8967.3/39$

Out: 224.915 ± 0.932 $\chi^2/\text{NDF}: 10462.0/41$

All: 228.983 ± 0.666 $\chi^2/\text{NDF}: 19468.3/81$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 61.757 $\pm$ 0.904 χ^2 /NDF:673.7/23

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 62.538 $\pm$ 0.940 χ^2 /NDF:520.0/22

Left: 62.132 $\pm$ 0.652 χ^2 /NDF: 1194.0/46

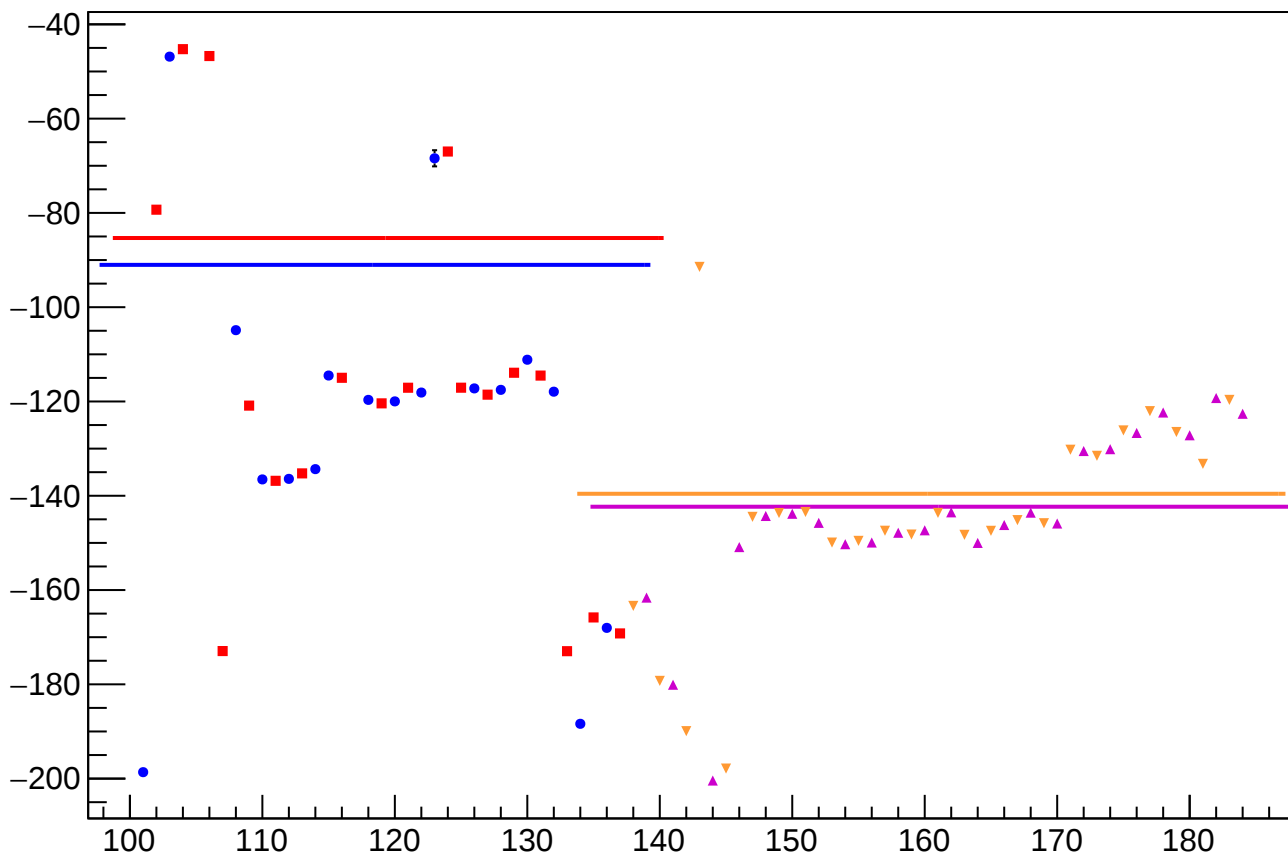
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 59.949 $\pm$ 0.784 χ^2 /NDF:1177.8/39

Out: 56.783 $\pm$ 0.753 χ^2 /NDF:1299.0/41

All: 58.300 $\pm$ 0.543 χ^2 /NDF: 2485.2/81

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -139.579 ± 0.043 $\chi^2/\text{NDF}: 252062.6/23$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

Left: -140.936 ± 0.031 $\chi^2/\text{NDF}: 398684.4/46$

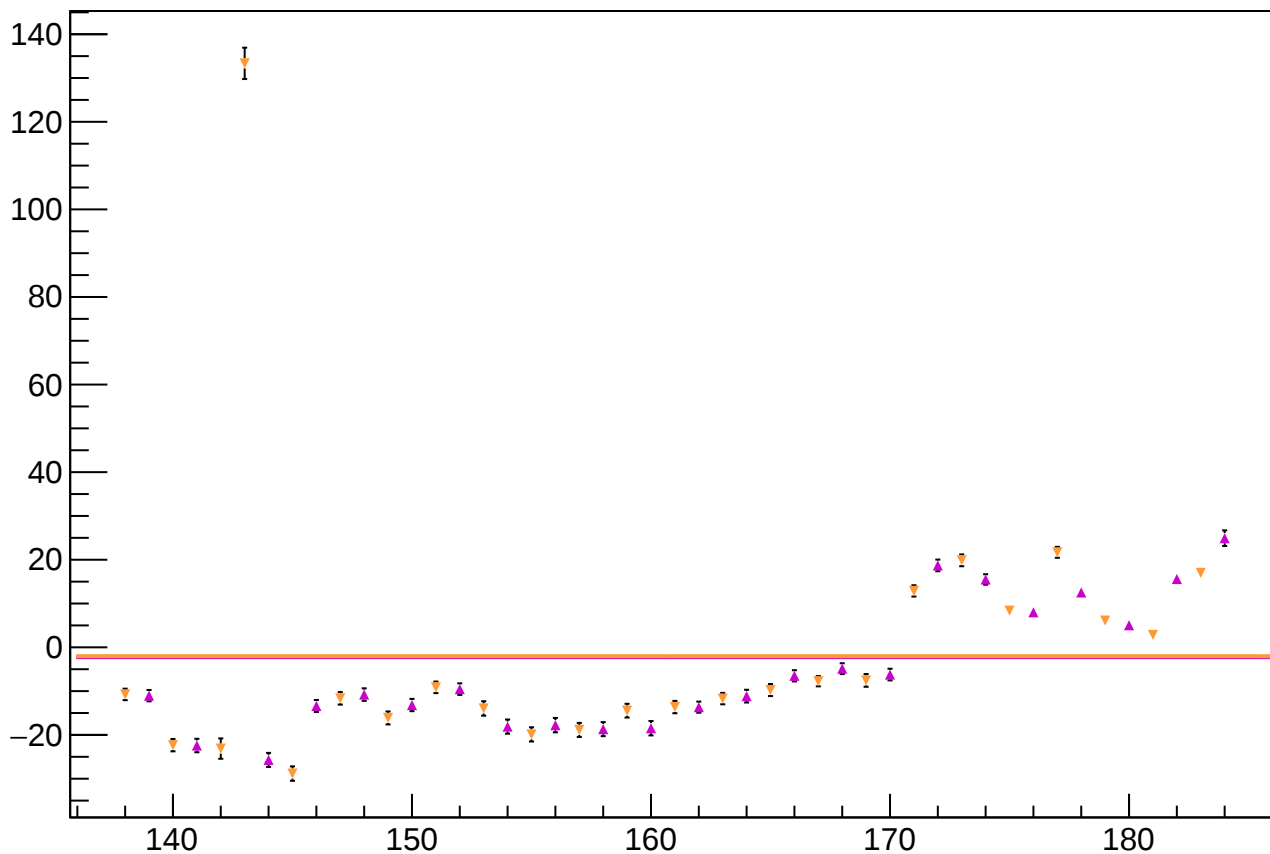
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -127.098 ± 0.037 $\chi^2/\text{NDF}: 1084155.6/39$

Out: -122.905 ± 0.036 $\chi^2/\text{NDF}: 1215340.1/41$

All: -124.962 ± 0.026 $\chi^2/\text{NDF}: 2306104.7/81$

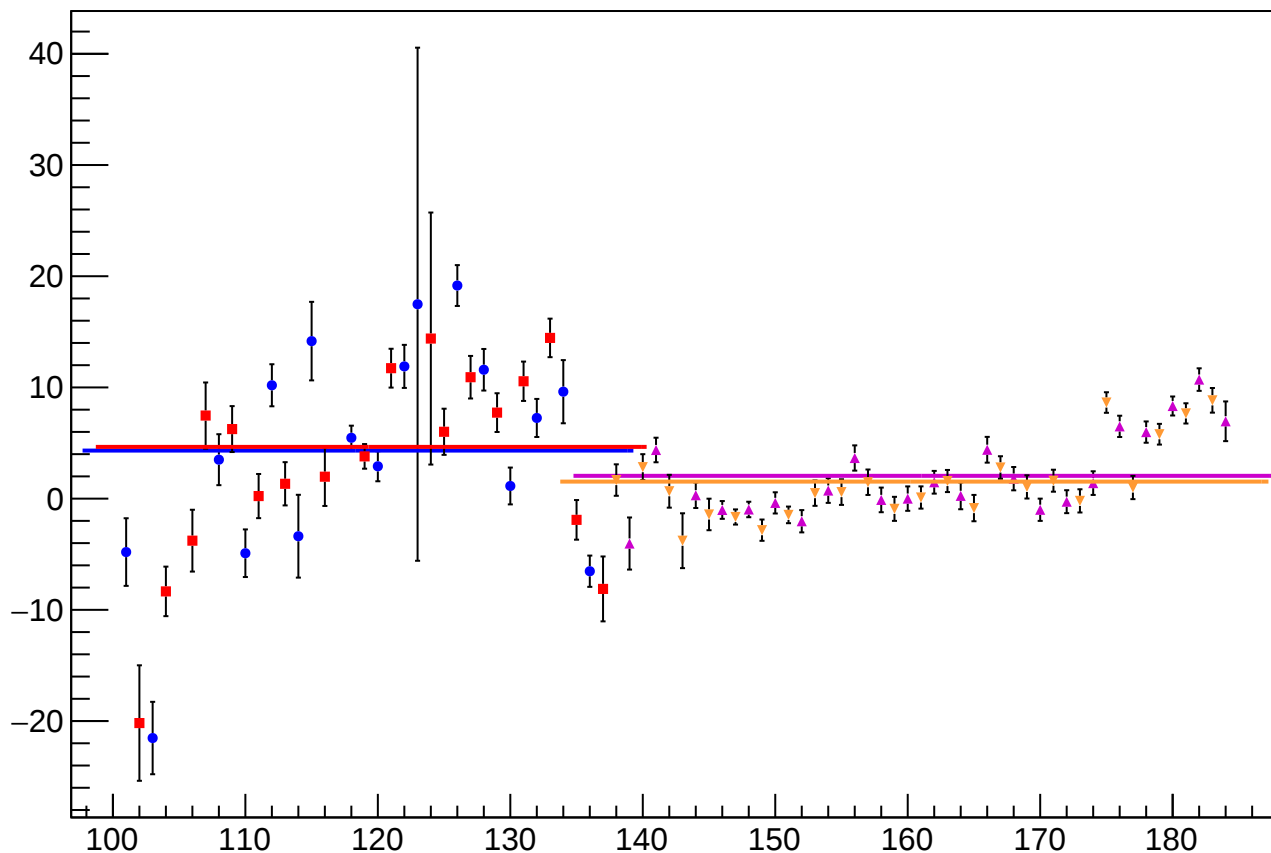
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.024+/-0.270 χ^2 /NDF:4008.1/23
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: -2.244+/-0.270 χ^2 /NDF:2561.6/22

Left: -2.134+/-0.191 χ^2 /NDF: 6570.1/46
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: -2.244+/-0.270 χ^2 /NDF:2561.6/22
 Out: -2.024+/-0.270 χ^2 /NDF:4008.1/23
 All: -2.134+/-0.191 χ^2 /NDF: 6570.1/46

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 1.532 ± 0.212 χ^2/NDF : 255.8/23

Right Out: 4.653 ± 0.474 χ^2/NDF : 184.4/17

Left In: 2.051 ± 0.215 χ^2/NDF : 275.4/22

Left: 1.788 ± 0.151 χ^2/NDF : 534.1/46

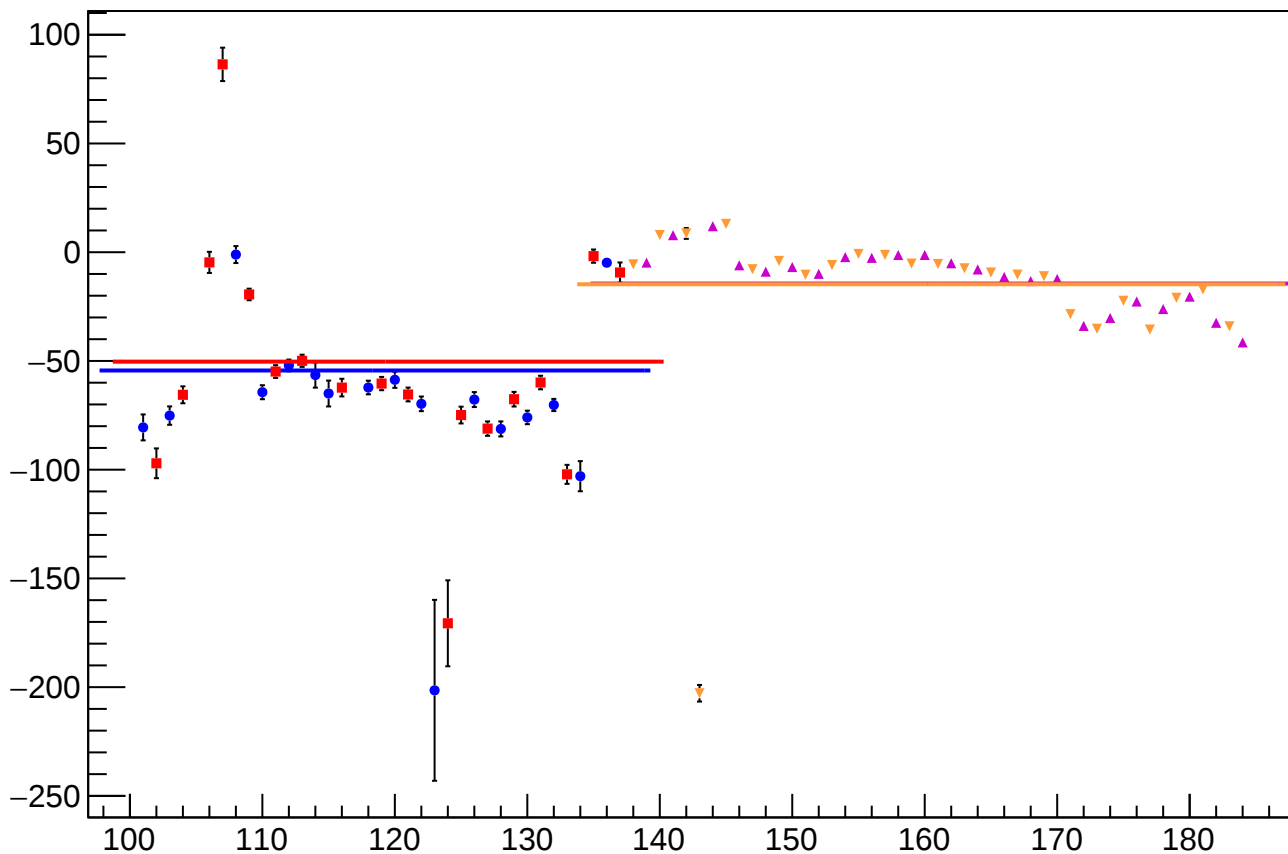
Right: 4.484 ± 0.332 χ^2/NDF : 465.0/34

In: 2.450 ± 0.195 χ^2/NDF : 575.3/39

Out: 2.050 ± 0.193 χ^2/NDF : 476.4/41

All: 2.248 ± 0.137 χ^2/NDF : 1053.8/81

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: -14.732 ± 0.269 $\chi^2/\text{NDF}: 4507.8/23$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

Left: -14.573 ± 0.190 $\chi^2/\text{NDF}: 6574.3/46$

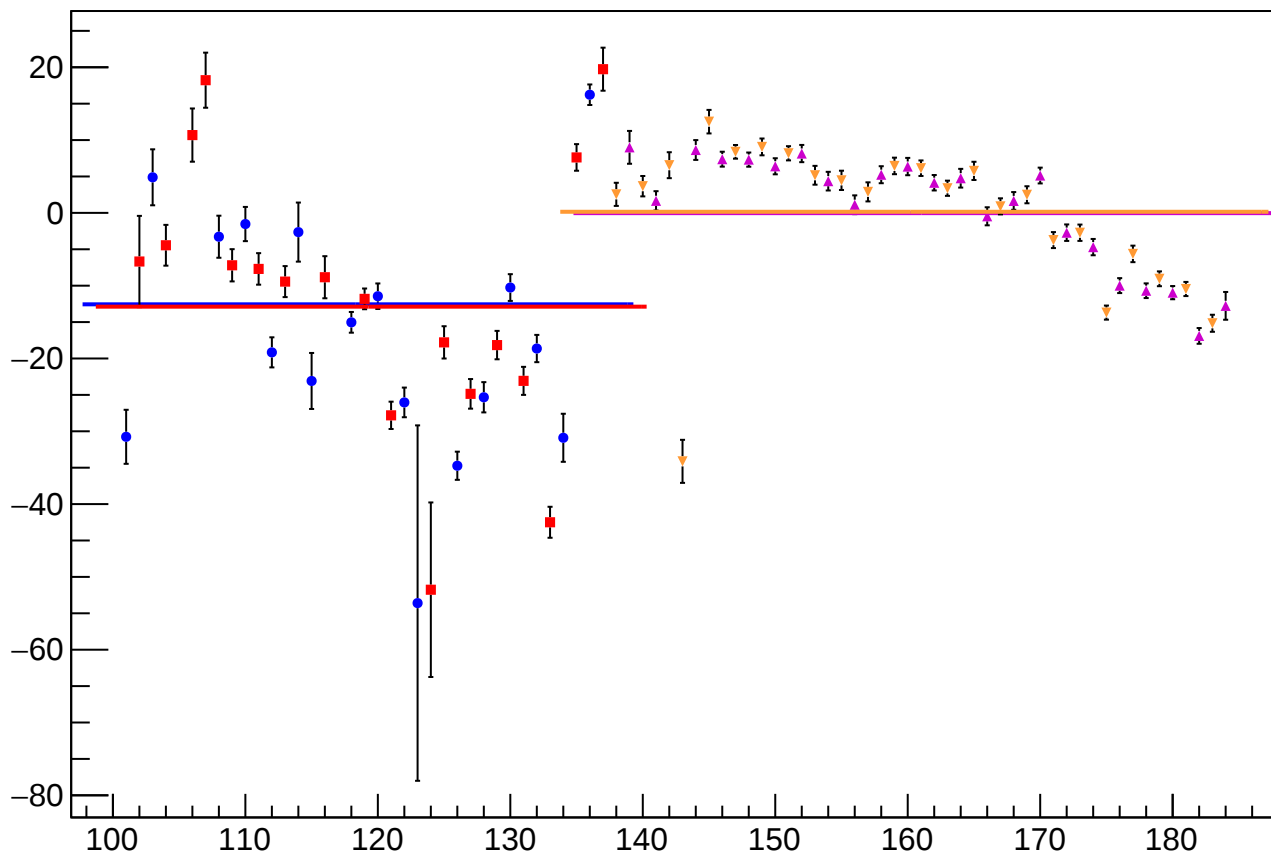
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -17.921 ± 0.256 $\chi^2/\text{NDF}: 5030.1/39$

Out: -17.905 ± 0.256 $\chi^2/\text{NDF}: 7392.7/41$

All: -17.913 ± 0.181 $\chi^2/\text{NDF}: 12422.8/81$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.152 ± 0.240 χ^2/NDF : 1167.6/23

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

Left: 0.059 ± 0.170 χ^2/NDF : 2195.5/46

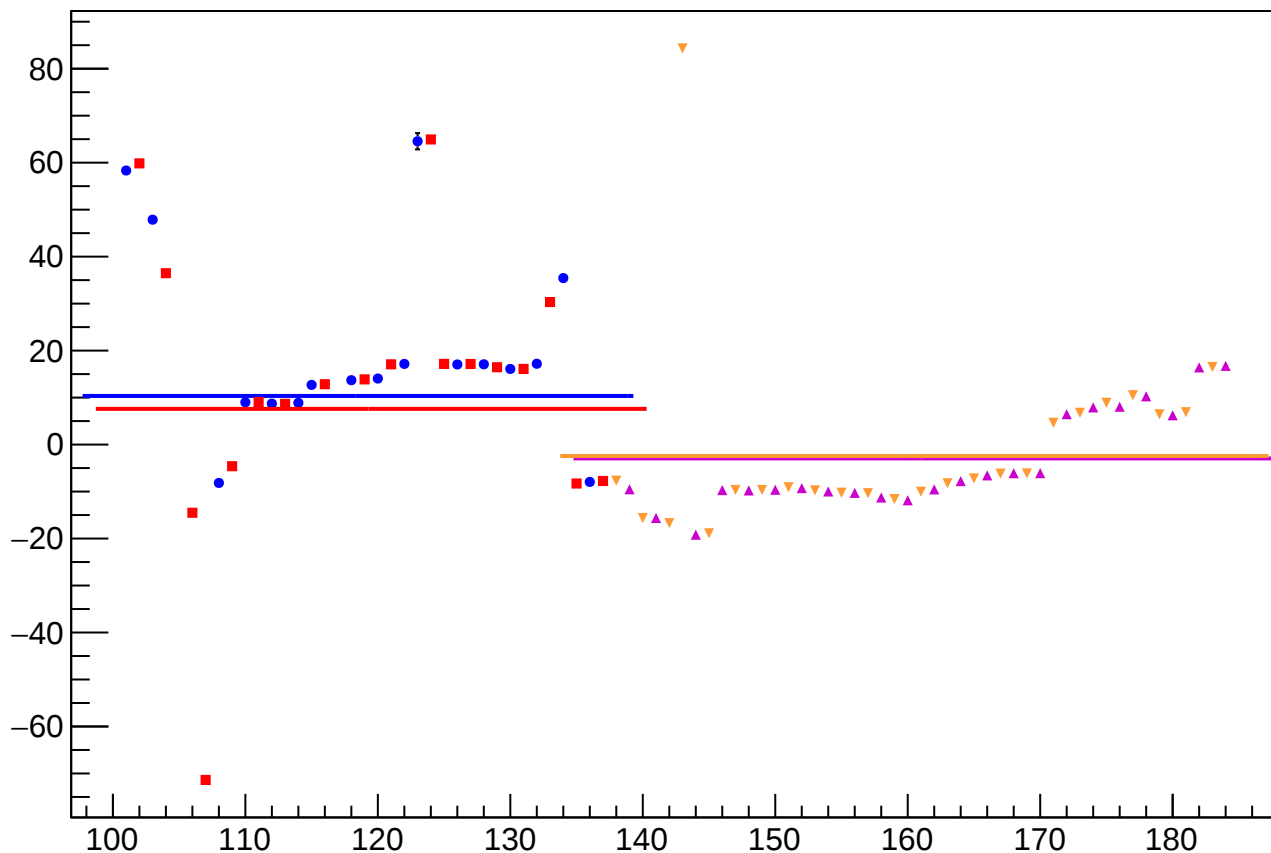
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -2.192 ± 0.221 χ^2/NDF : 2266.9/39

Out: -2.006 ± 0.219 χ^2/NDF : 2383.4/41

All: -2.099 ± 0.155 χ^2/NDF : 4650.7/81

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -2.434+/-0.011 χ^2/NDF :1044875.5/23

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -2.949+/-0.011 χ^2/NDF :770702.4/22

Left: -2.693+/-0.008 χ^2/NDF : 1816678.3/46

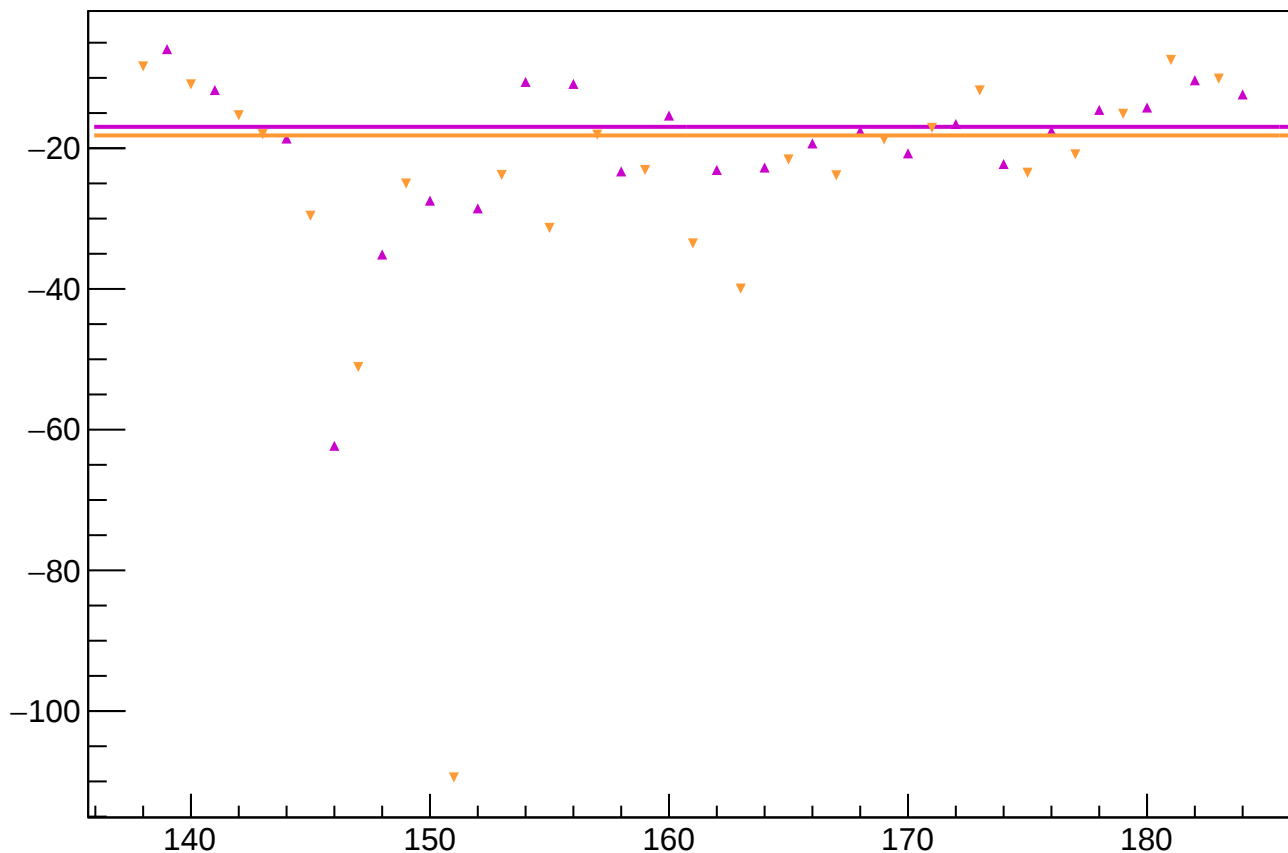
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -1.437+/-0.010 χ^2/NDF :1319212.0/39

Out: -1.327+/-0.010 χ^2/NDF :1674835.5/41

All: -1.382+/-0.007 χ^2/NDF : 2994104.8/81

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.180 $\pm$ 0.039 χ^2 /NDF:88474.5/23

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Left: -17.546 $\pm$ 0.027 χ^2 /NDF: 133732.8/46

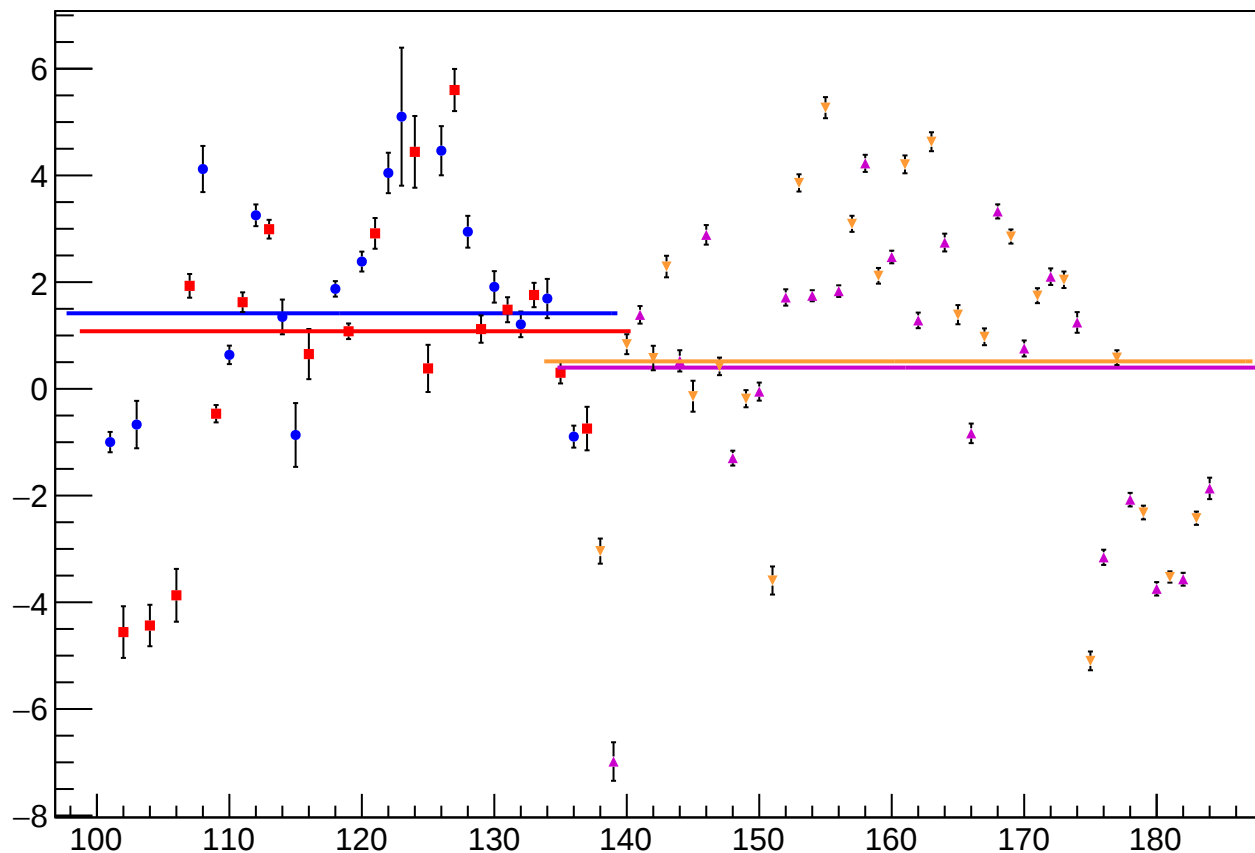
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Out: -18.180 $\pm$ 0.039 χ^2 /NDF:88474.5/23

All: -17.546 $\pm$ 0.027 χ^2 /NDF: 133732.8/46

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.515 ± 0.033 χ^2/NDF : 7051.0/23

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

Left: 0.453 ± 0.022 χ^2/NDF : 13344.1/46

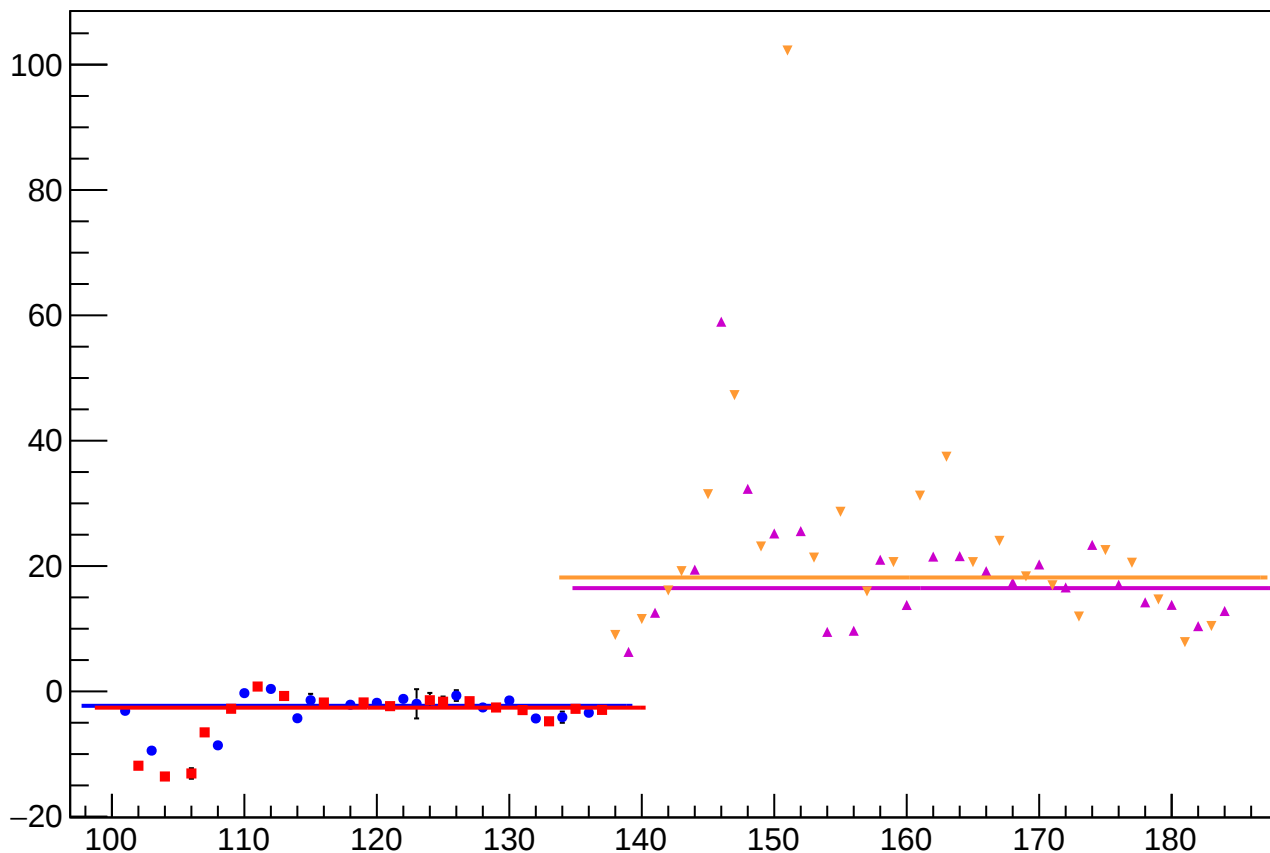
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 0.602 ± 0.027 χ^2/NDF : 7138.8/39

Out: 0.651 ± 0.029 χ^2/NDF : 8038.7/41

All: 0.626 ± 0.020 χ^2/NDF : 15179.0/81

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 18.177 ± 0.040 χ^2/NDF : 77817.9/23

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 16.477 ± 0.038 χ^2/NDF : 41326.5/22

Left: 17.284 ± 0.027 χ^2/NDF : 120114.7/46

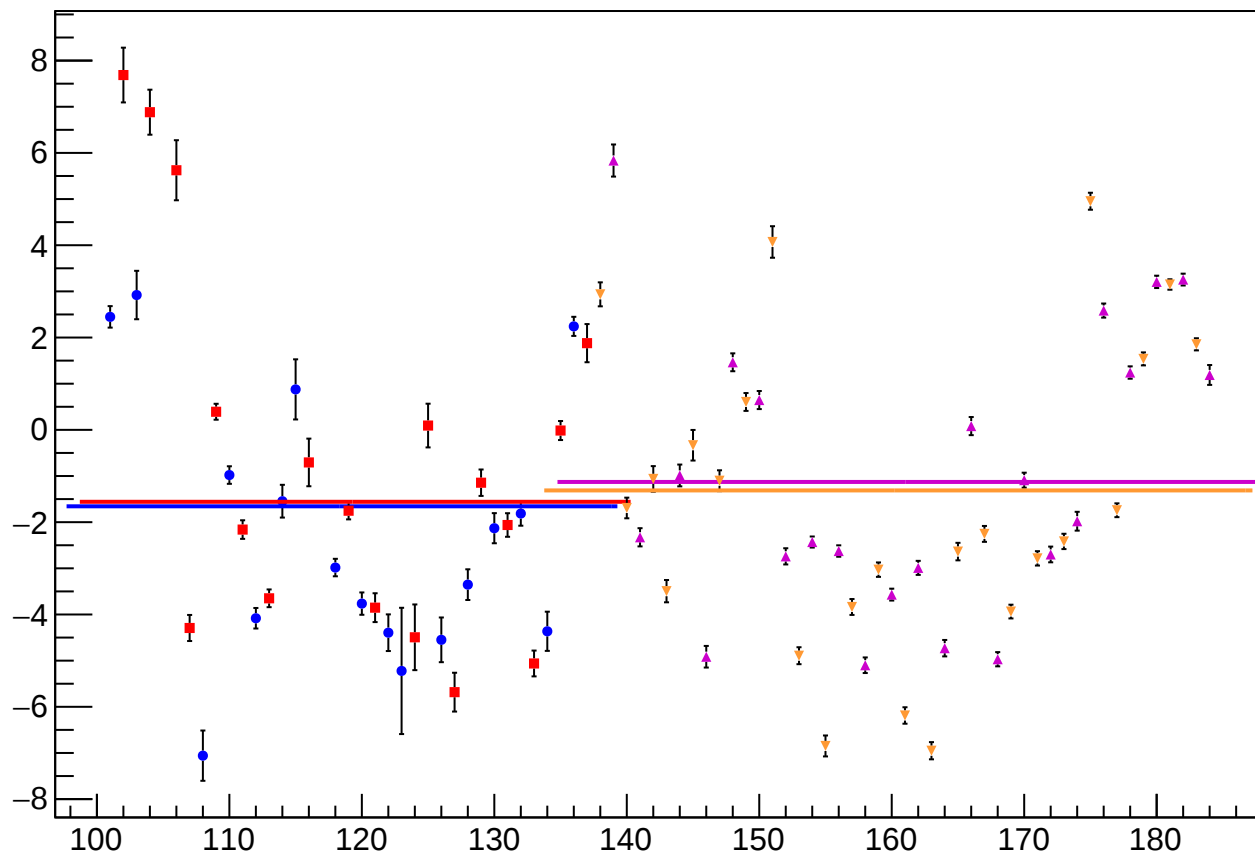
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 14.537 ± 0.036 χ^2/NDF : 67498.2/39

Out: 15.332 ± 0.037 χ^2/NDF : 116490.6/41

All: 14.922 ± 0.026 χ^2/NDF : 184230.2/81

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -1.312 ± 0.036 $\chi^2/\text{NDF}: 7921.4/23$

Right Out: -1.558 ± 0.066 $\chi^2/\text{NDF}: 1484.7/17$

Left In: -1.129 ± 0.034 $\chi^2/\text{NDF}: 6778.7/22$

Left: -1.214 ± 0.025 $\chi^2/\text{NDF}: 14713.7/46$

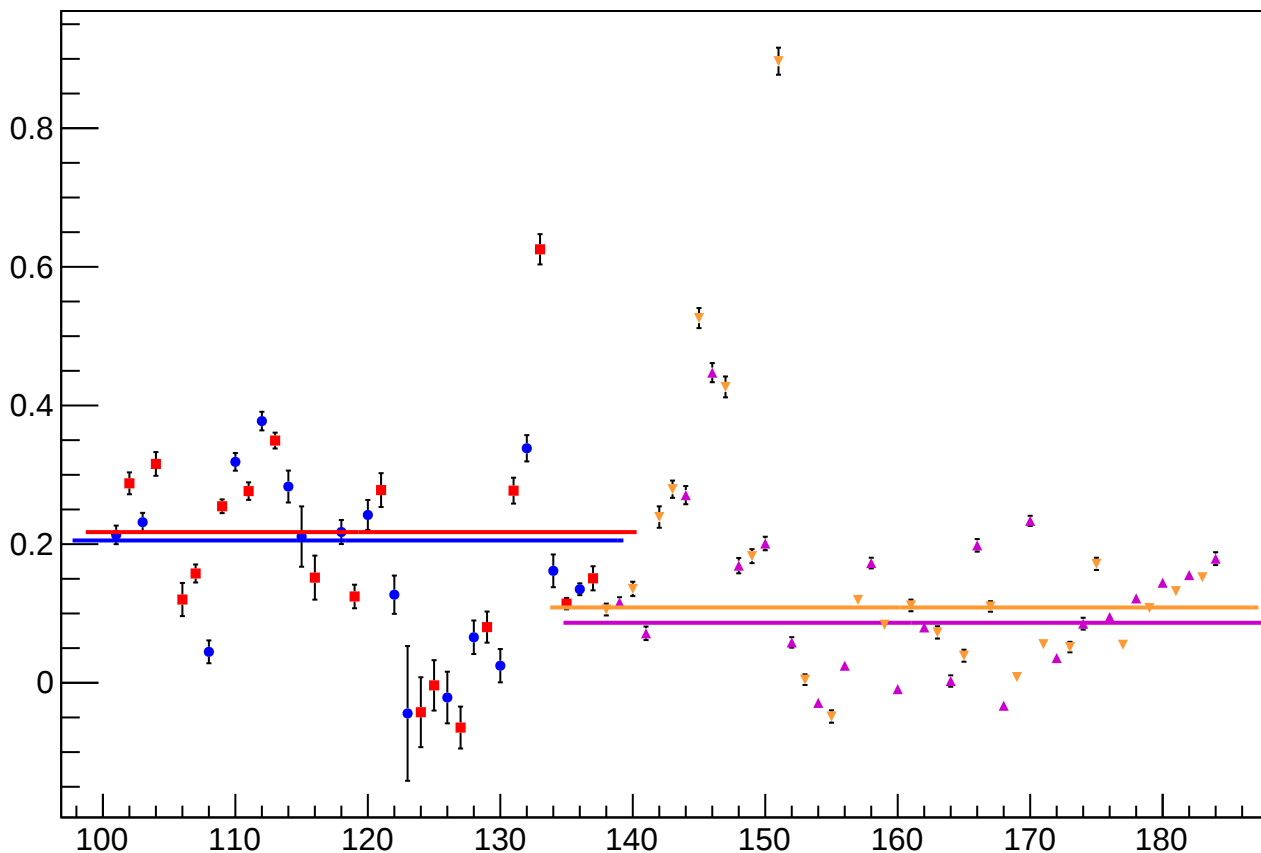
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -1.229 ± 0.031 $\chi^2/\text{NDF}: 8095.3/39$

Out: -1.370 ± 0.032 $\chi^2/\text{NDF}: 9416.9/41$

All: -1.297 ± 0.022 $\chi^2/\text{NDF}: 17522.5/81$

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: 0.109 ± 0.002 χ^2/NDF : 4357.9/23

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.087 ± 0.001 χ^2/NDF : 3661.4/22

Left: 0.097 ± 0.001 χ^2/NDF : 8119.1/46

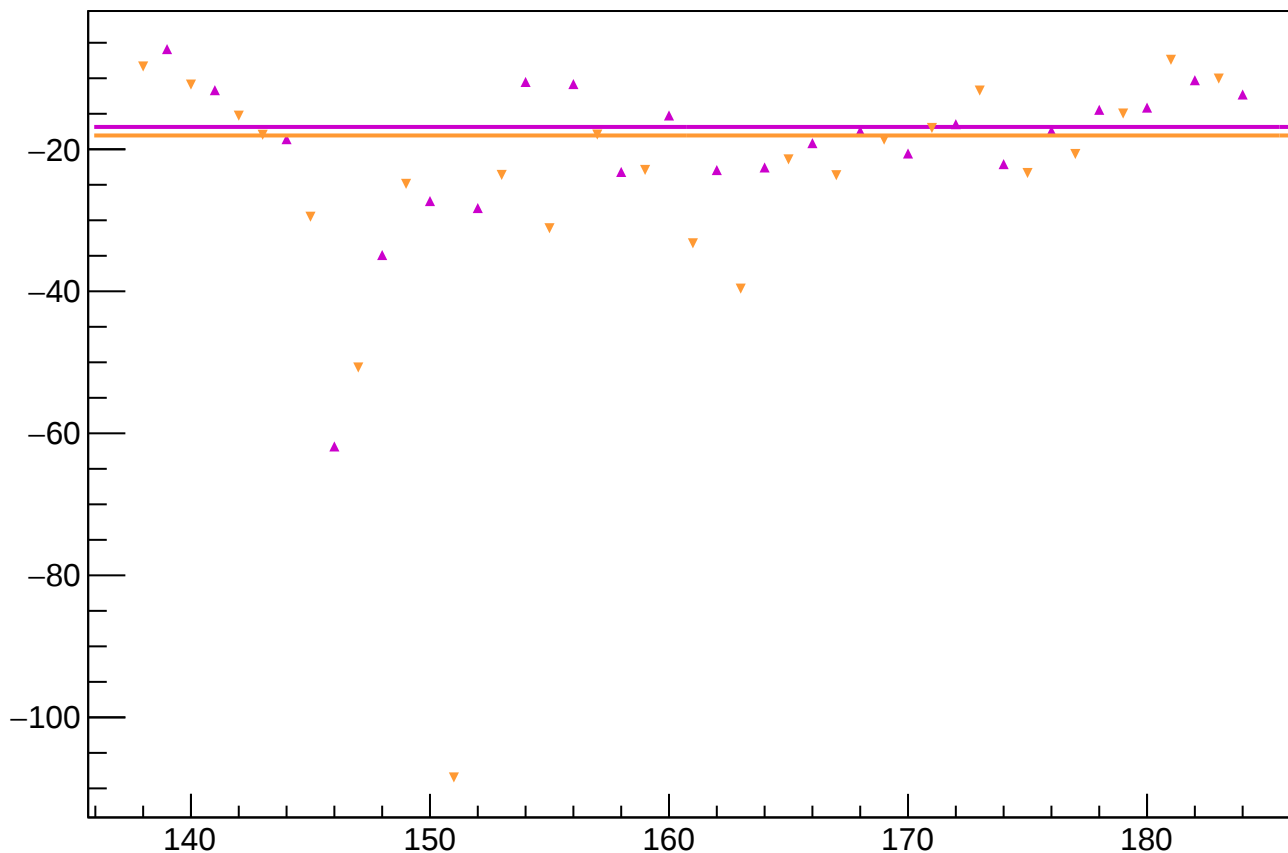
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.100 ± 0.001 χ^2/NDF : 5009.7/39

Out: 0.126 ± 0.001 χ^2/NDF : 6097.0/41

All: 0.113 ± 0.001 χ^2/NDF : 11266.7/81

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.056+/-0.039 χ^2/NDF :88314.0/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Left: -17.433+/-0.027 χ^2/NDF : 133483.9/46

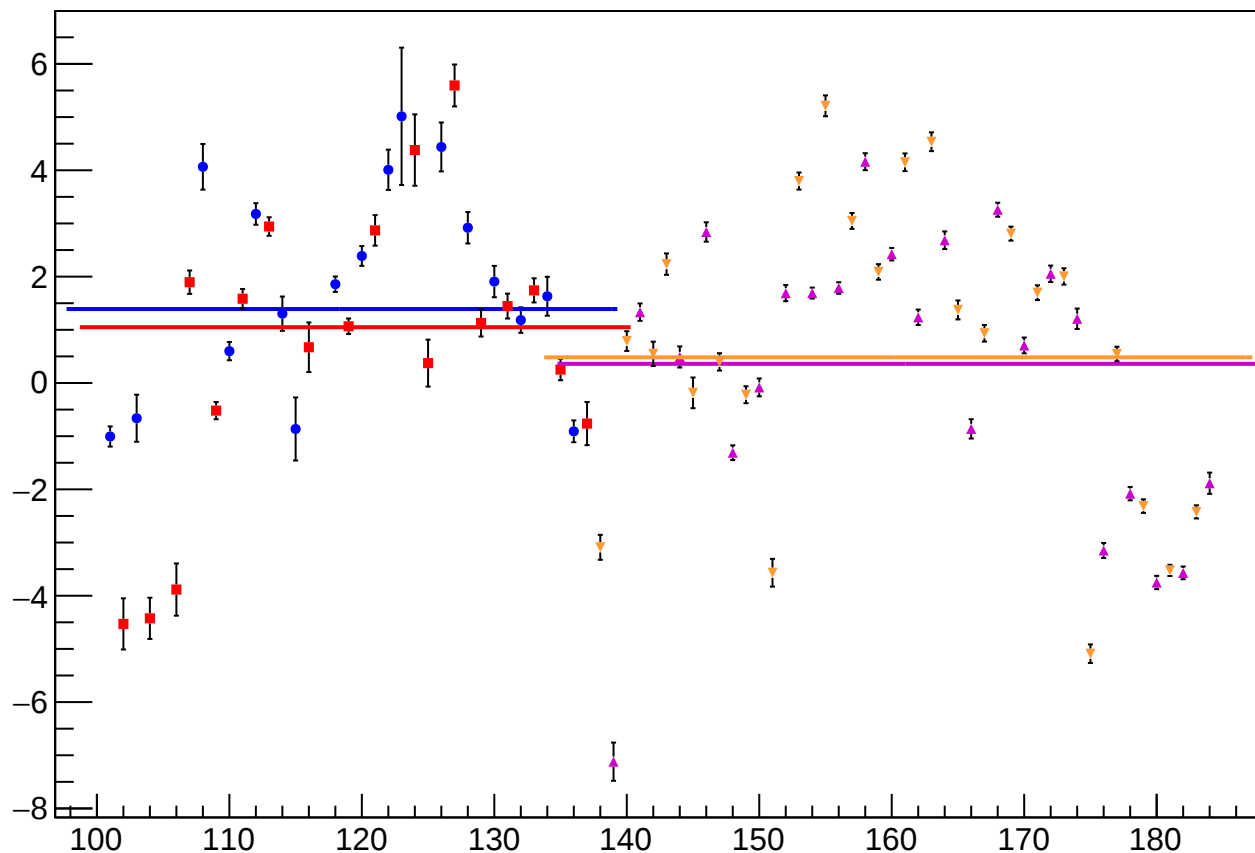
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Out: -18.056+/-0.039 χ^2/NDF :88314.0/23

All: -17.433+/-0.027 χ^2/NDF : 133483.9/46

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: 0.483 ± 0.032 χ^2/NDF : 7034.5/23

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 0.361 ± 0.030 χ^2/NDF : 6273.5/22

Left: 0.418 ± 0.022 χ^2/NDF : 13315.5/46

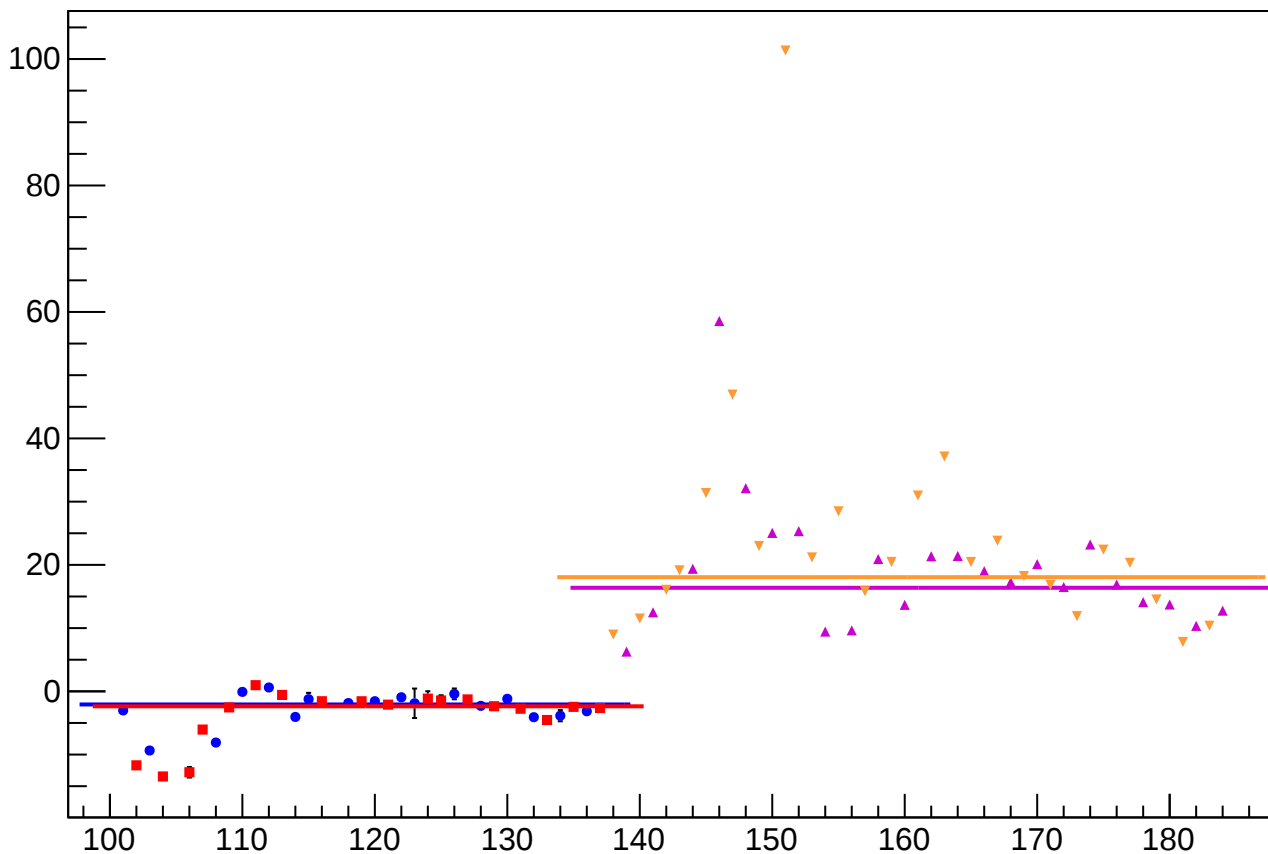
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 0.567 ± 0.027 χ^2/NDF : 7131.5/39

Out: 0.619 ± 0.028 χ^2/NDF : 8027.0/41

All: 0.592 ± 0.020 χ^2/NDF : 15160.3/81

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.110 χ^2/NDF : 442.3/16

Left Out: 18.053+/-0.039 χ^2/NDF : 77688.4/23

Right Out: -2.366+/-0.099 χ^2/NDF : 893.2/17

Left In: 16.377+/-0.037 χ^2/NDF : 41253.5/22

Left: 17.174+/-0.027 χ^2/NDF : 119897.4/46

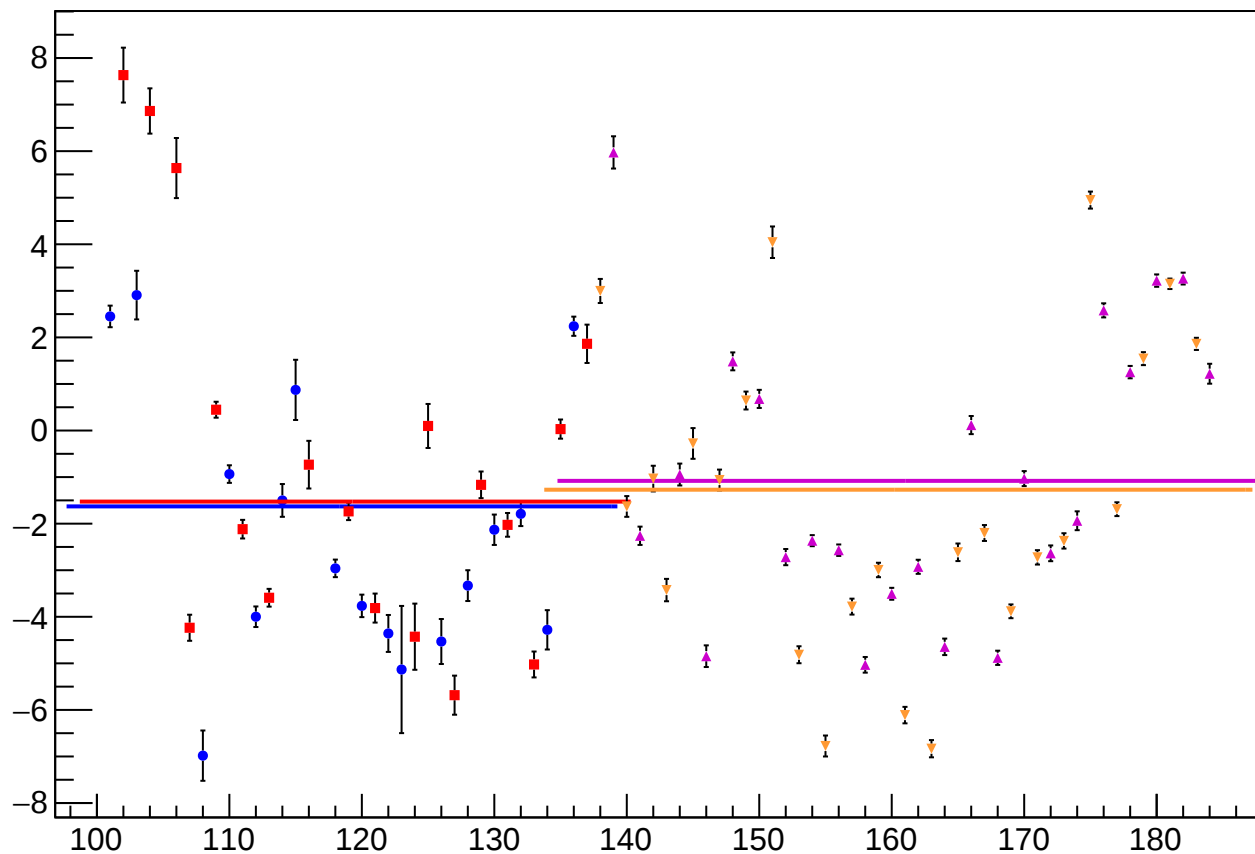
Right: -2.237+/-0.074 χ^2/NDF : 1339.4/34

In: 14.476+/-0.035 χ^2/NDF : 66806.6/39

Out: 15.265+/-0.036 χ^2/NDF : 115505.0/41

All: 14.858+/-0.025 χ^2/NDF : 182552.1/81

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.271 ± 0.036 χ^2/NDF : 7902.0/23

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -1.081 ± 0.034 χ^2/NDF : 6764.0/22

Left: -1.170 ± 0.025 χ^2/NDF : 14680.8/46

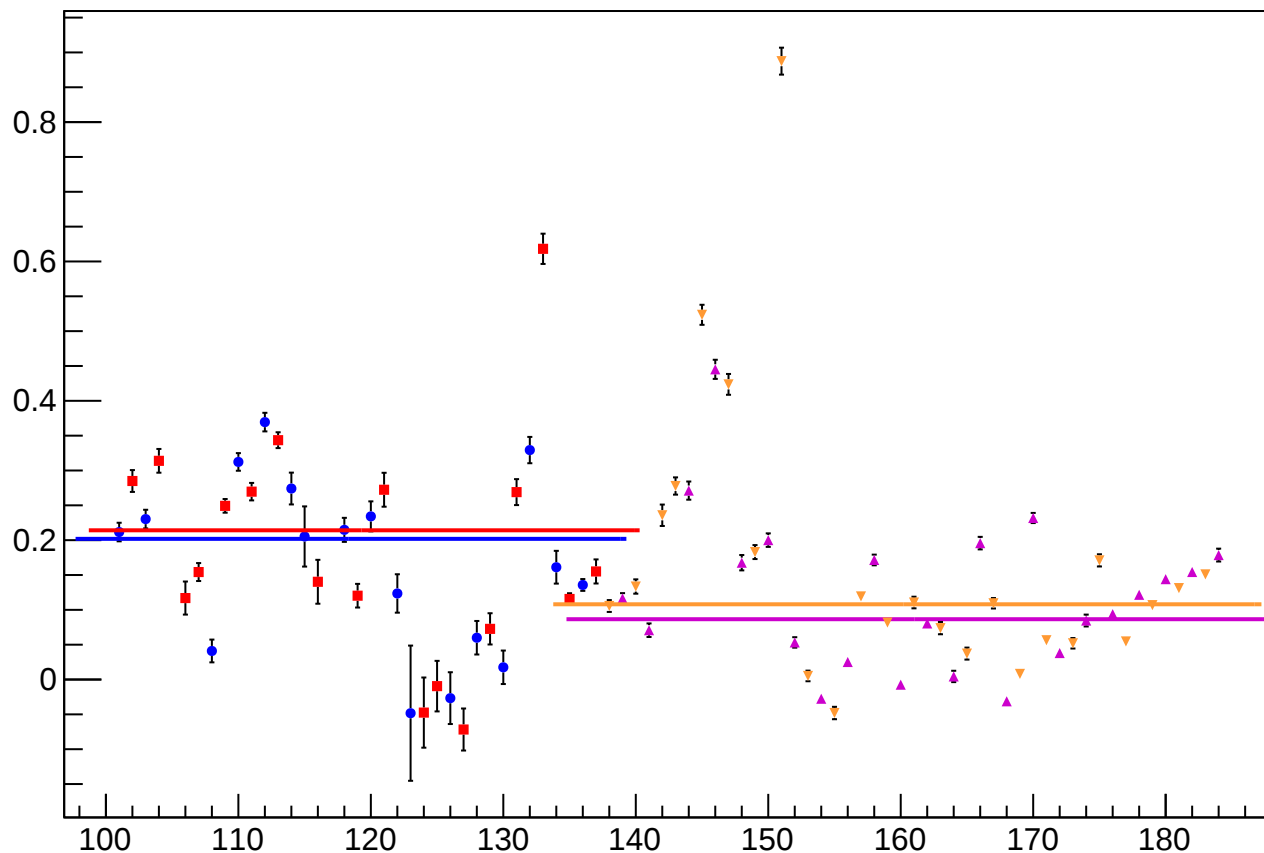
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.184 ± 0.030 χ^2/NDF : 8080.0/39

Out: -1.330 ± 0.032 χ^2/NDF : 9401.9/41

All: -1.255 ± 0.022 χ^2/NDF : 17492.9/81

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.108 $\pm$ 0.002 χ^2 /NDF:4348.9/23

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3631.4/22

Left: 0.096 $\pm$ 0.001 χ^2 /NDF: 8075.4/46

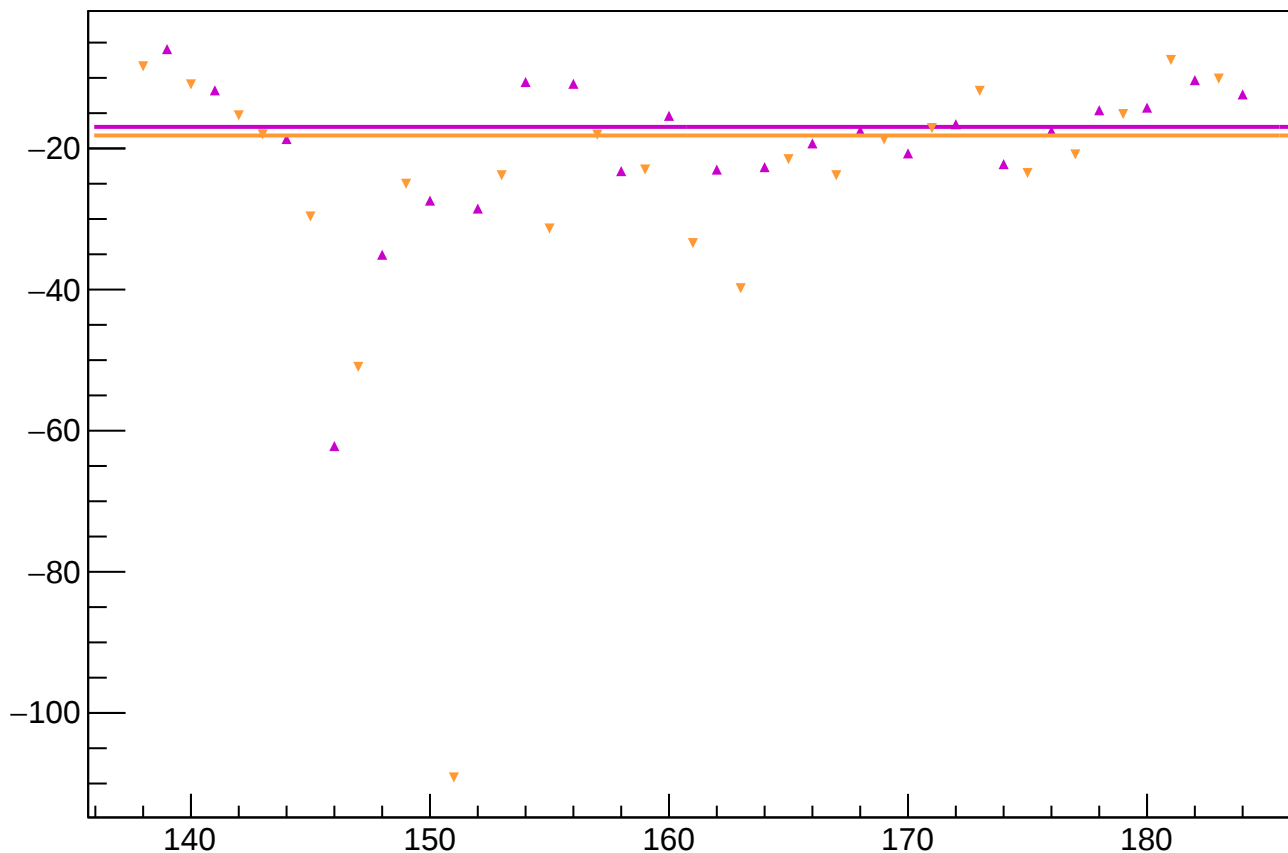
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4929.7/39

Out: 0.125 $\pm$ 0.001 χ^2 /NDF:6044.7/41

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 11127.7/81

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.166+/-0.039 χ^2/NDF : 88447.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.945+/-0.038 χ^2/NDF : 44756.2/22

Left: -17.533+/-0.027 χ^2/NDF : 133704.8/46

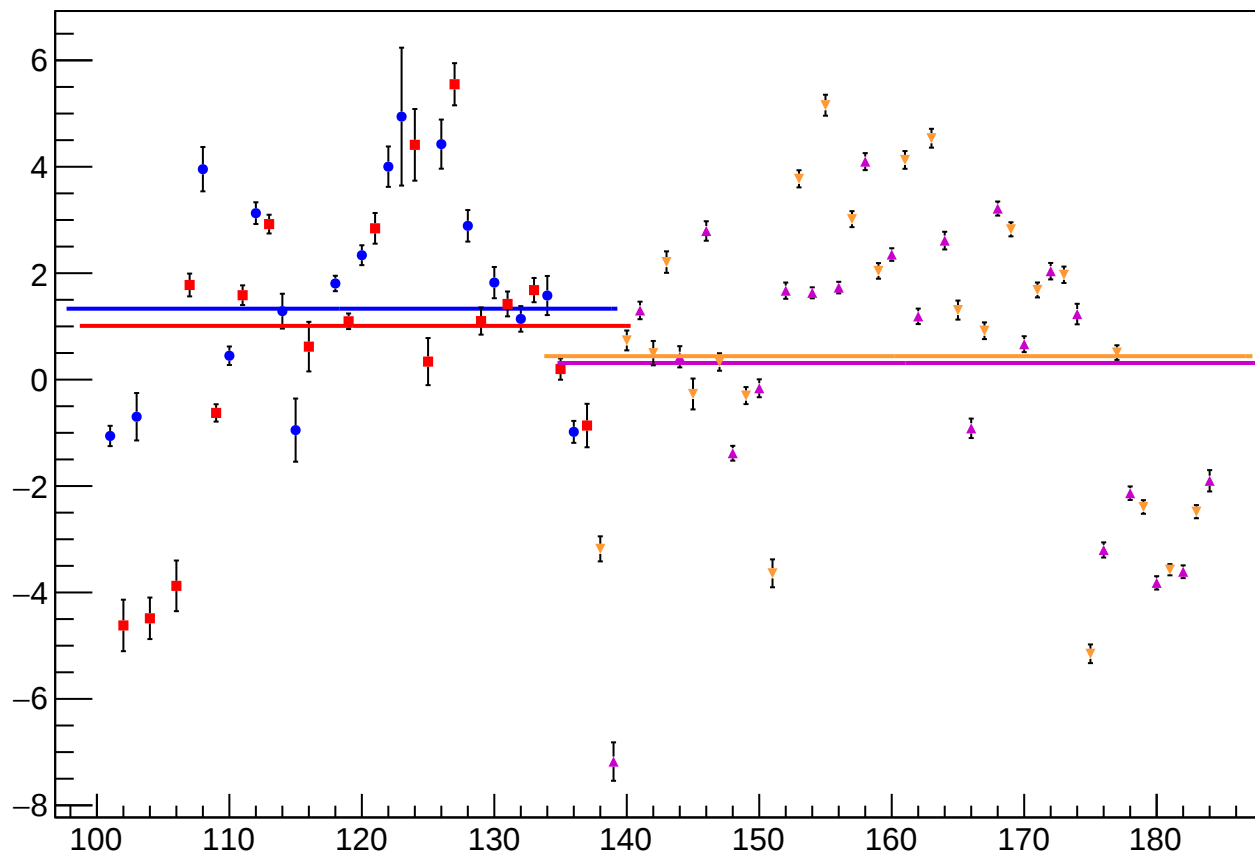
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.945+/-0.038 χ^2/NDF : 44756.2/22

Out: -18.166+/-0.039 χ^2/NDF : 88447.8/23

All: -17.533+/-0.027 χ^2/NDF : 133704.8/46

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.441 ± 0.033 χ^2/NDF : 7058.1/23

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

Left: 0.372 ± 0.022 χ^2/NDF : 13301.4/46

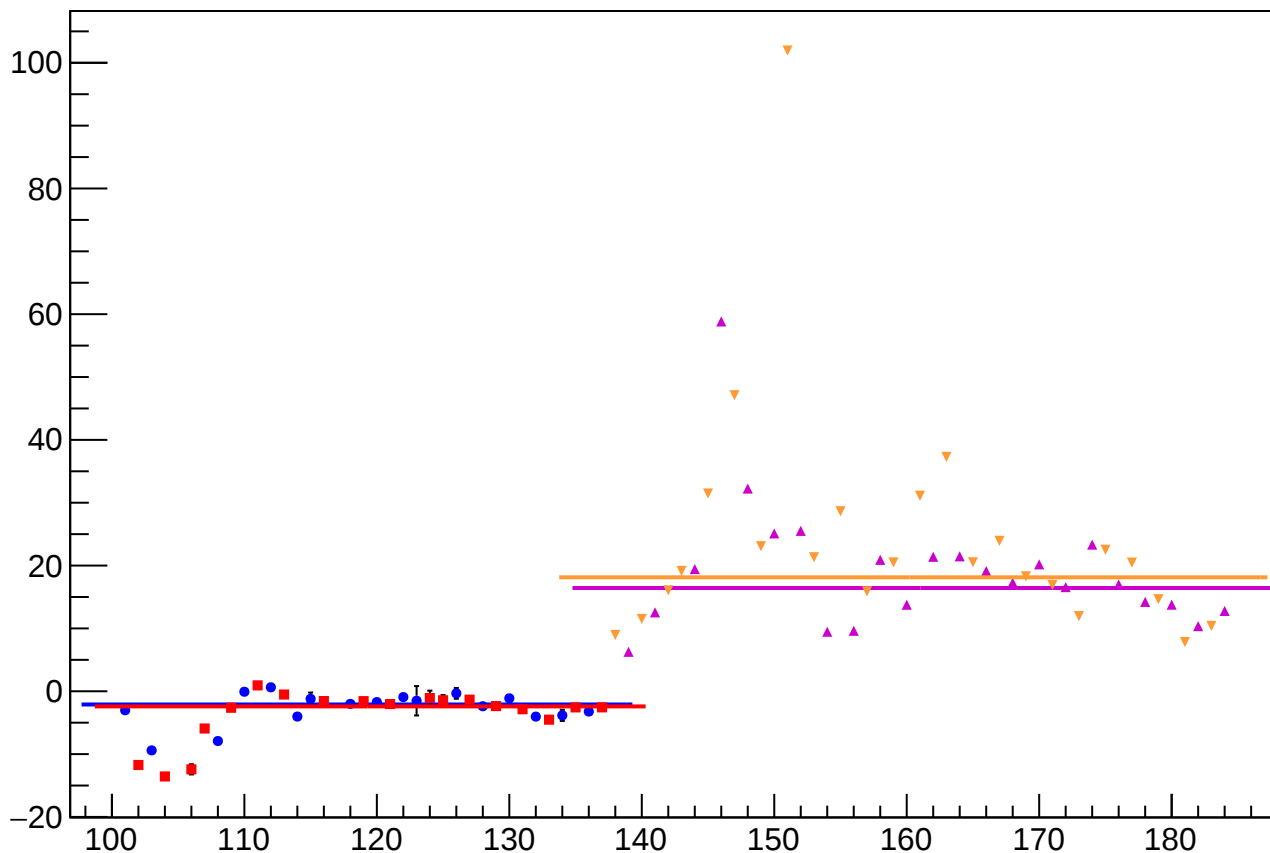
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.516 ± 0.027 χ^2/NDF : 7092.1/39

Out: 0.577 ± 0.028 χ^2/NDF : 8061.4/41

All: 0.546 ± 0.020 χ^2/NDF : 15155.9/81

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: 18.129 ± 0.039 $\chi^2/\text{NDF}: 77806.9/23$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

Left: 17.238 ± 0.027 $\chi^2/\text{NDF}: 120117.0/46$

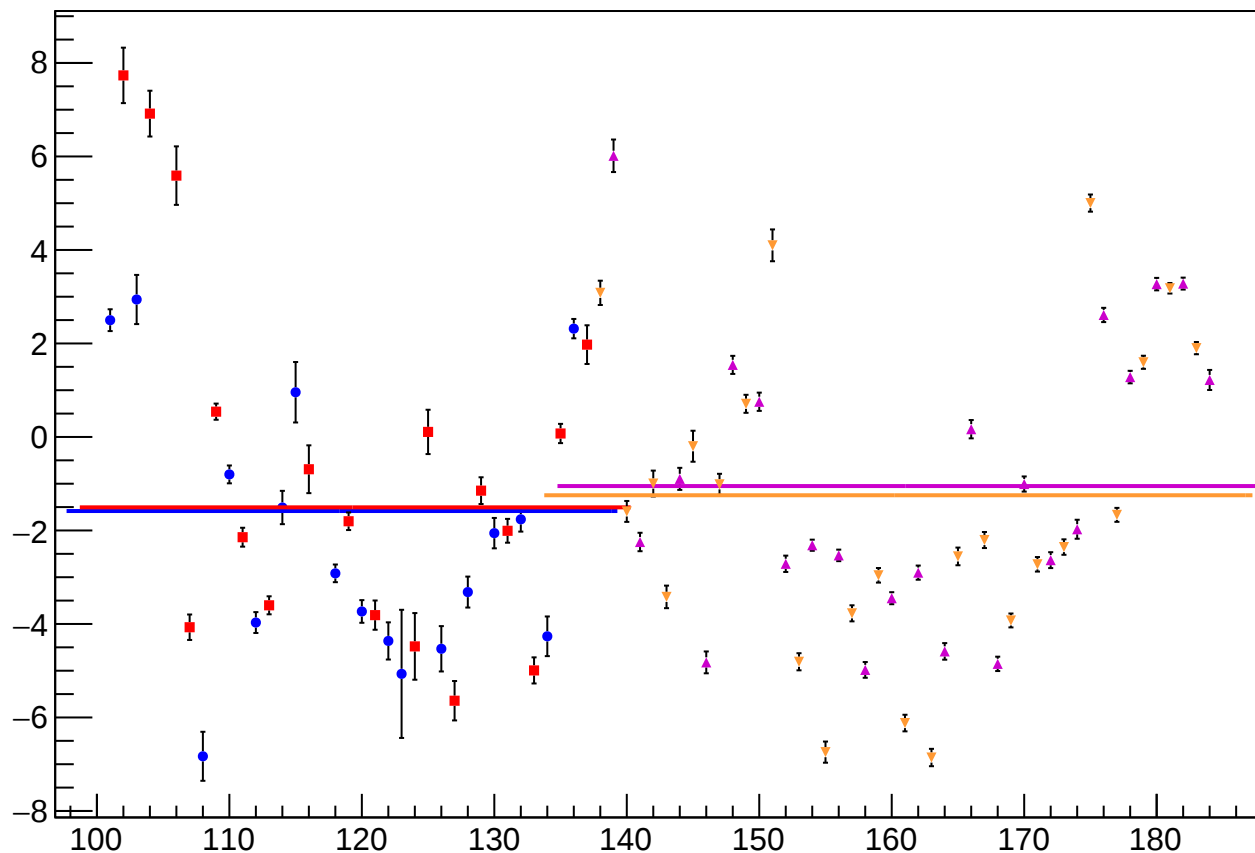
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 14.527 ± 0.036 $\chi^2/\text{NDF}: 66852.0/39$

Out: 15.327 ± 0.037 $\chi^2/\text{NDF}: 115691.6/41$

All: 14.915 ± 0.026 $\chi^2/\text{NDF}: 182789.6/81$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -1.142 ± 0.025 $\chi^2/\text{NDF}: 14658.1/46$

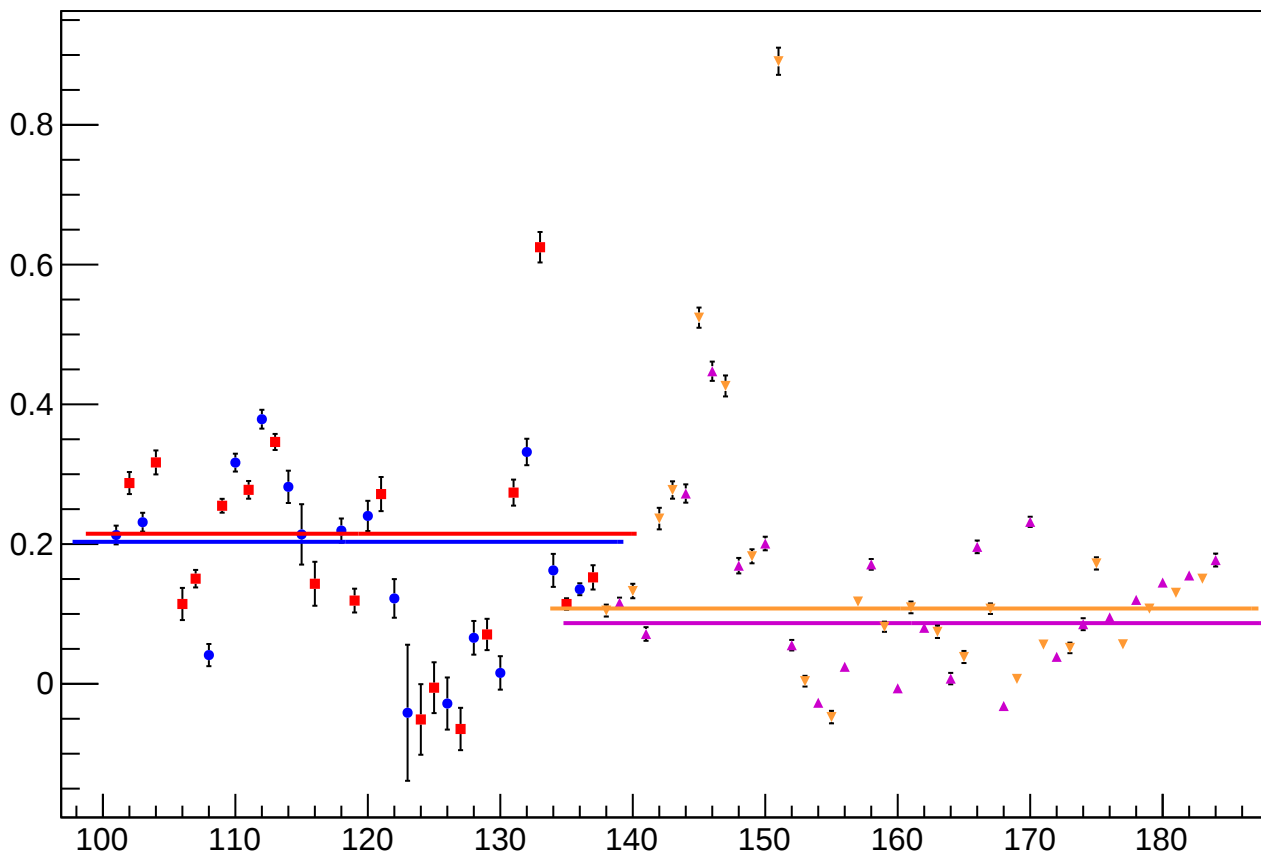
Right: -1.542 ± 0.048 $\chi^2/\text{NDF}: 2772.7/34$

In: -1.151 ± 0.031 $\chi^2/\text{NDF}: 8031.7/39$

Out: -1.307 ± 0.032 $\chi^2/\text{NDF}: 9441.1/41$

All: -1.226 ± 0.022 $\chi^2/\text{NDF}: 17485.5/81$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.108 $\pm$ 0.002 χ^2 /NDF:4330.9/23

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1033.0/17

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3604.3/22

Left: 0.096 $\pm$ 0.001 χ^2 /NDF: 8025.3/46

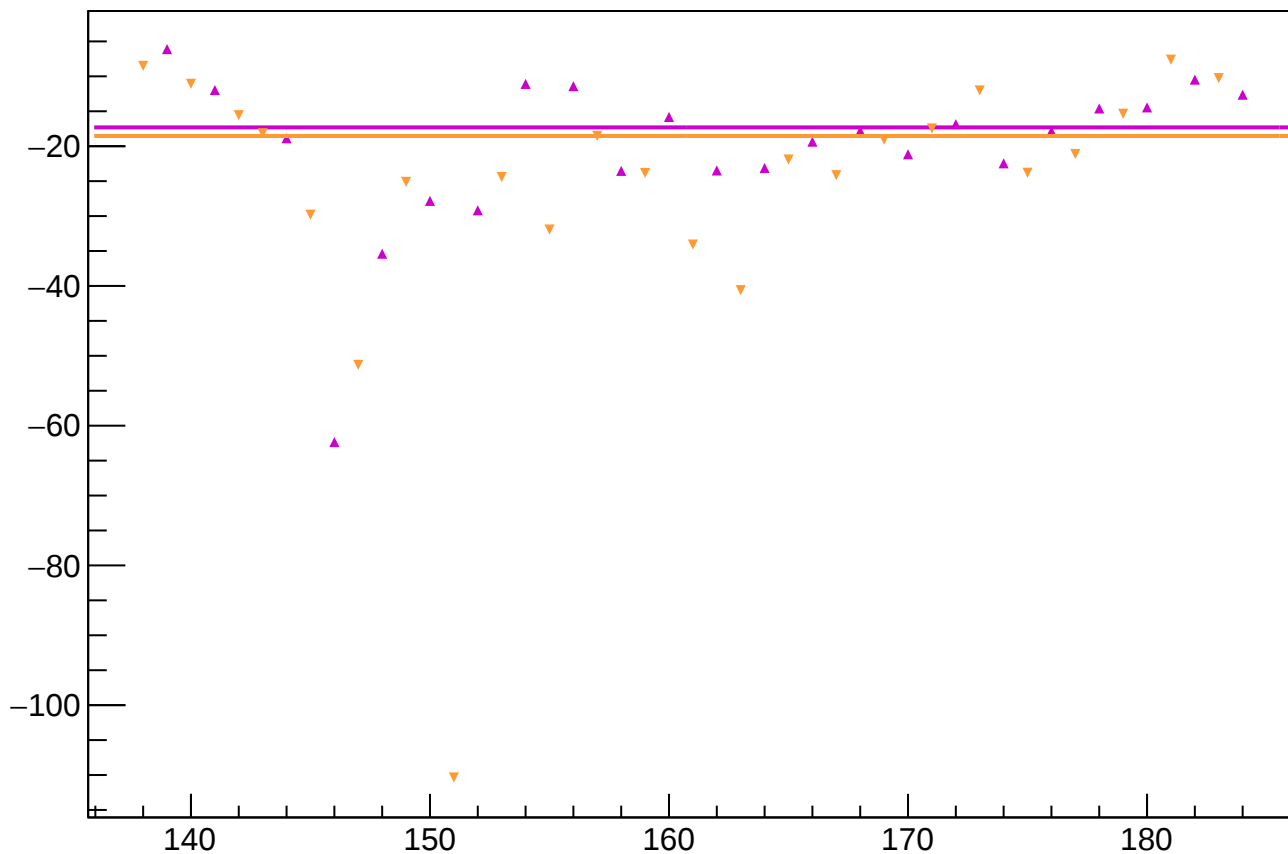
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1670.1/34

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4938.4/39

Out: 0.125 $\pm$ 0.001 χ^2 /NDF:6065.7/41

All: 0.112 $\pm$ 0.001 χ^2 /NDF: 11151.4/81

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.539+/-0.040 χ^2/NDF :87786.8/23

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.309+/-0.039 χ^2/NDF :43807.0/22

Left: -17.902+/-0.028 χ^2/NDF : 132078.3/46

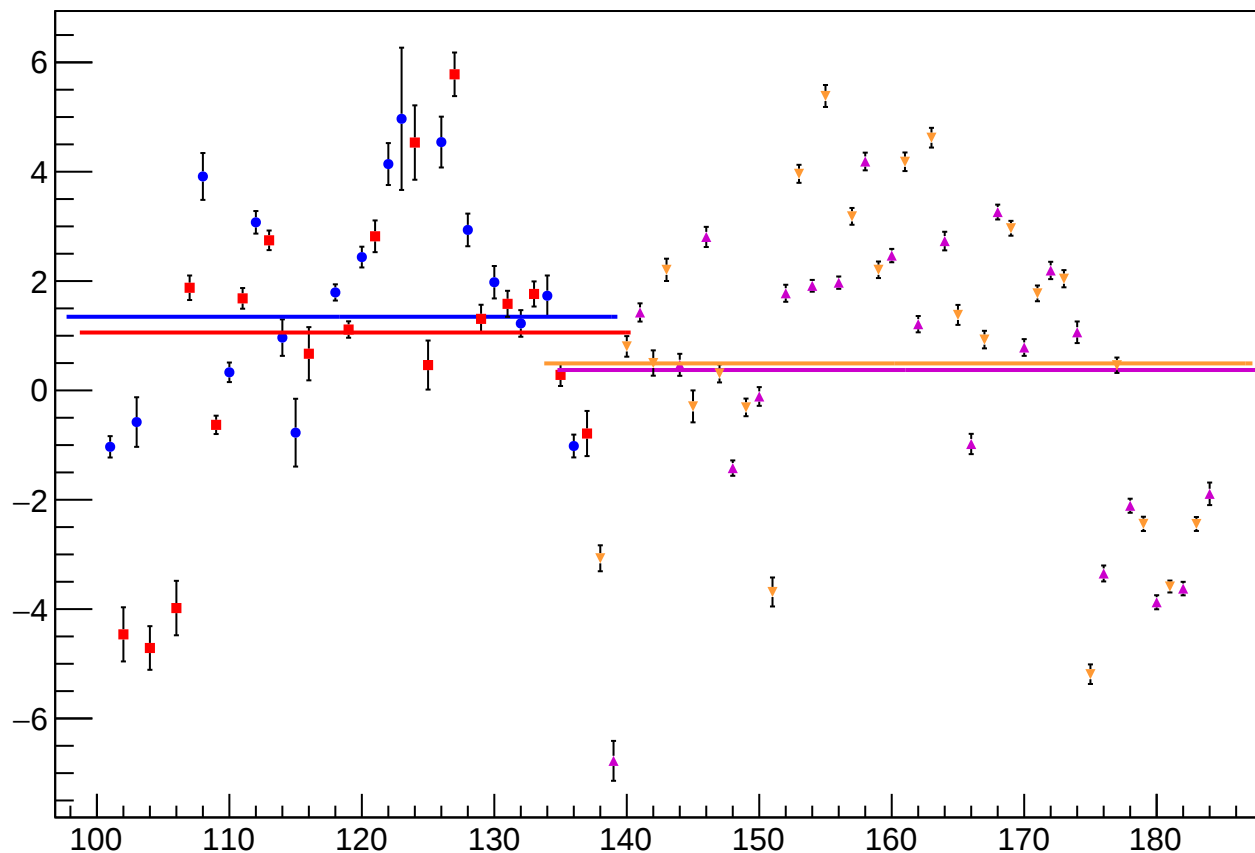
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.309+/-0.039 χ^2/NDF :43807.0/22

Out: -18.539+/-0.040 χ^2/NDF :87786.8/23

All: -17.902+/-0.028 χ^2/NDF : 132078.3/46

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.430 $\pm$ 0.023 χ^2/NDF : 13293.1/46

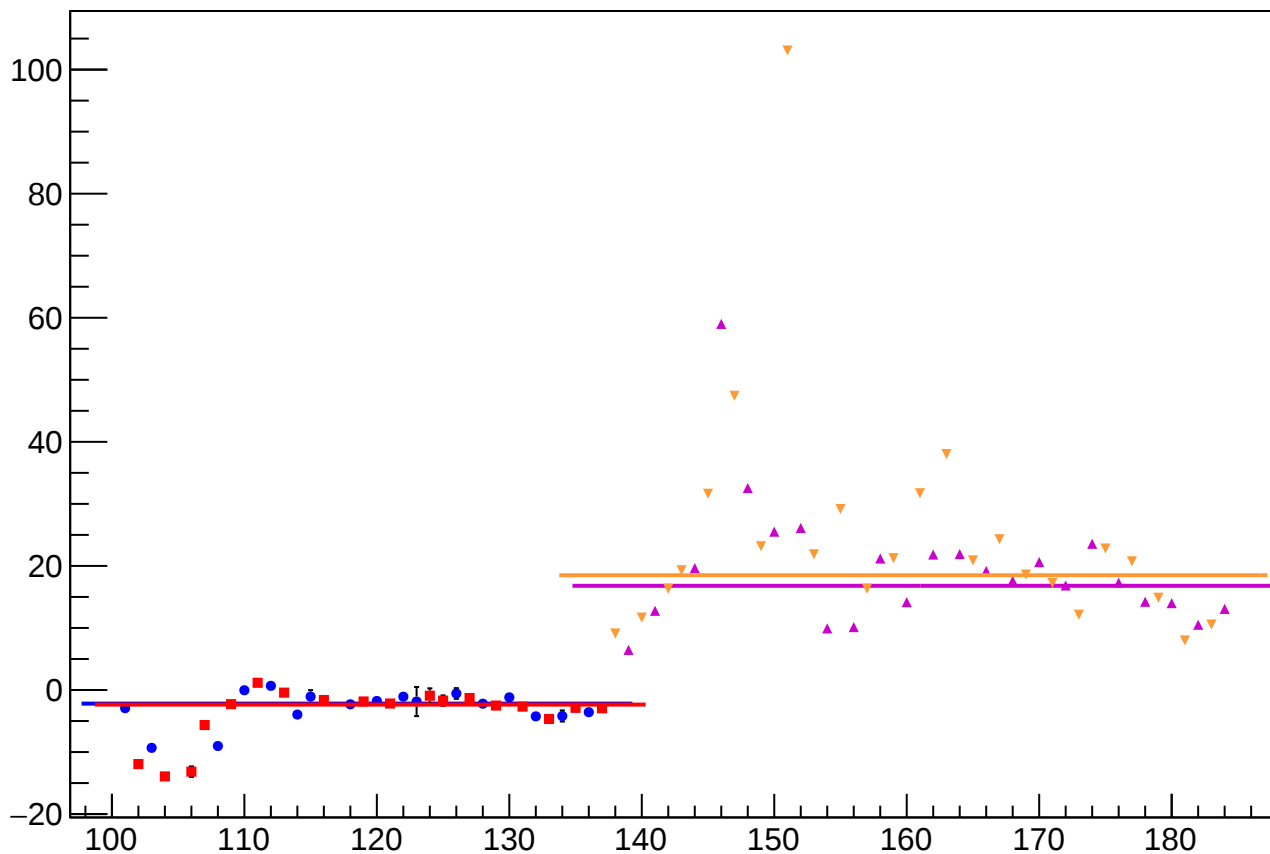
Right: 1.196 $\pm$ 0.043 χ^2/NDF : 1546.6/34

In: 0.569 $\pm$ 0.028 χ^2/NDF : 7089.2/39

Out: 0.629 $\pm$ 0.029 χ^2/NDF : 7996.6/41

All: 0.598 $\pm$ 0.020 χ^2/NDF : 15088.0/81

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194+/-0.113 χ^2/NDF : 463.5/16

Left Out: 18.500+/-0.040 χ^2/NDF : 77185.5/23

Right Out: -2.350+/-0.101 χ^2/NDF : 908.5/17

Left In: 16.798+/-0.038 χ^2/NDF : 40258.9/22

Left: 17.608+/-0.028 χ^2/NDF : 118378.1/46

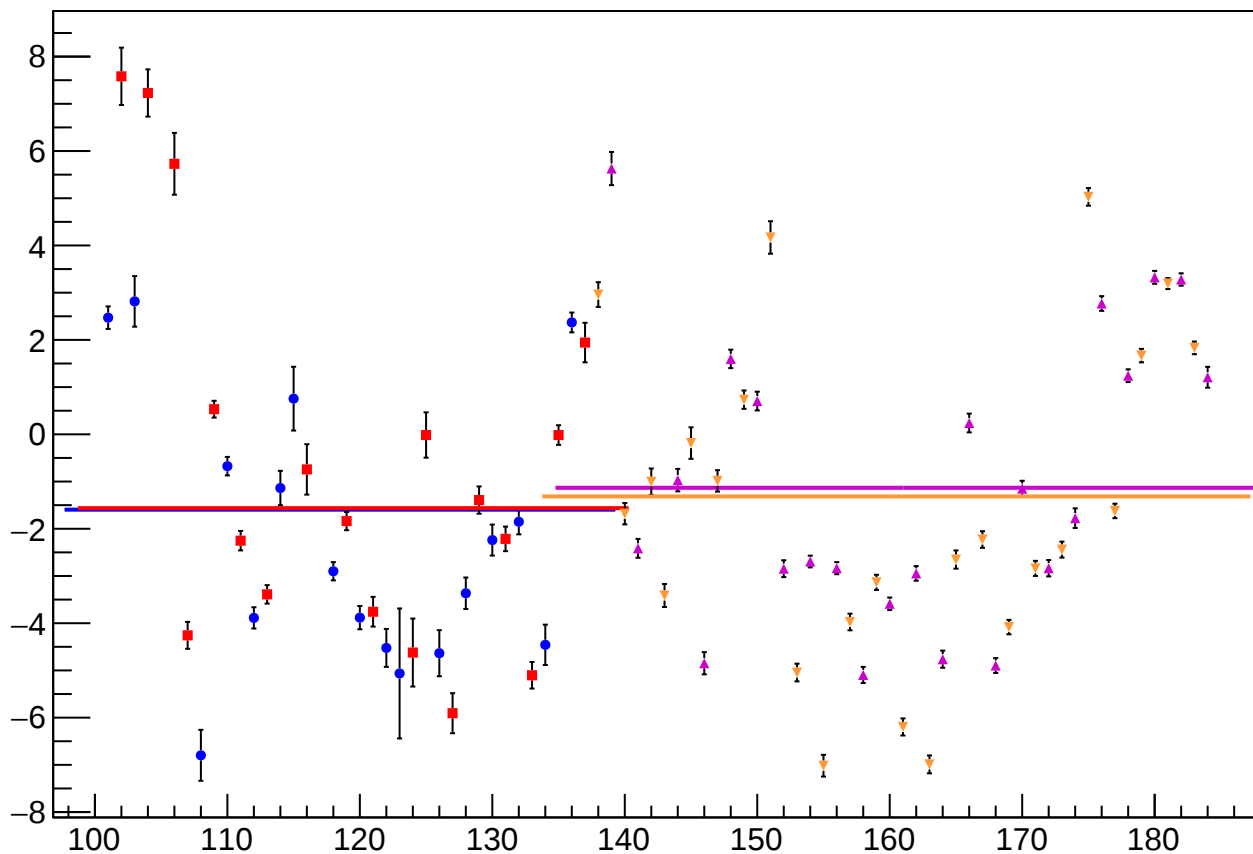
Right: -2.280+/-0.075 χ^2/NDF : 1373.0/34

In: 14.825+/-0.036 χ^2/NDF : 66102.8/39

Out: 15.649+/-0.037 χ^2/NDF : 114635.9/41

All: 15.224+/-0.026 χ^2/NDF : 180987.3/81

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.315 ± 0.037 $\chi^2/\text{NDF}: 7886.8/23$

Right Out: -1.564 ± 0.067 $\chi^2/\text{NDF}: 1461.9/17$

Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

Left: -1.218 ± 0.025 $\chi^2/\text{NDF}: 14643.2/46$

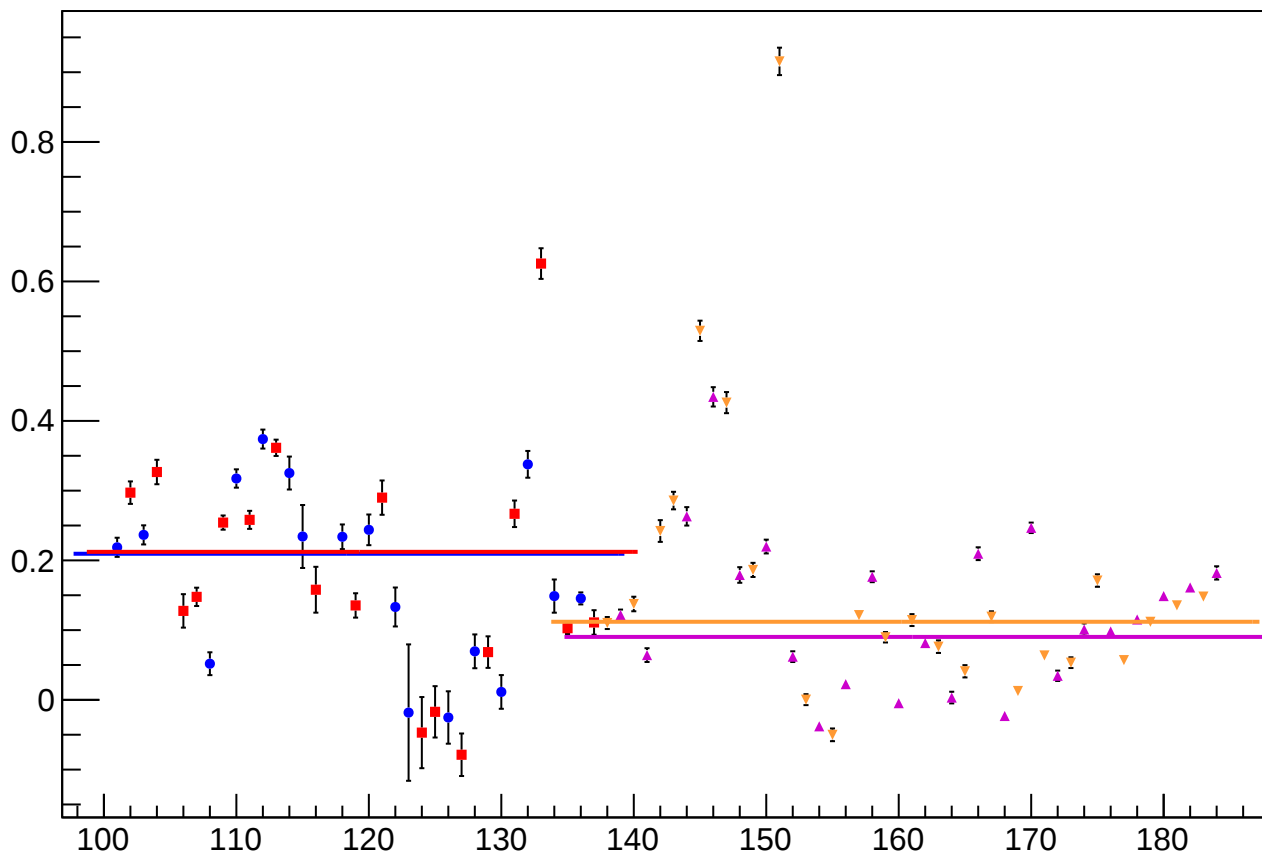
Right: -1.578 ± 0.049 $\chi^2/\text{NDF}: 2717.4/34$

In: -1.220 ± 0.031 $\chi^2/\text{NDF}: 8032.6/39$

Out: -1.373 ± 0.032 $\chi^2/\text{NDF}: 9359.2/41$

All: -1.294 ± 0.023 $\chi^2/\text{NDF}: 17403.4/81$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 χ^2/NDF : 597.7/16

Left Out: 0.112 ± 0.002 χ^2/NDF : 4338.8/23

Right Out: 0.212 ± 0.004 χ^2/NDF : 1096.9/17

Left In: 0.090 ± 0.002 χ^2/NDF : 3679.2/22

Left: 0.100 ± 0.001 χ^2/NDF : 8110.5/46

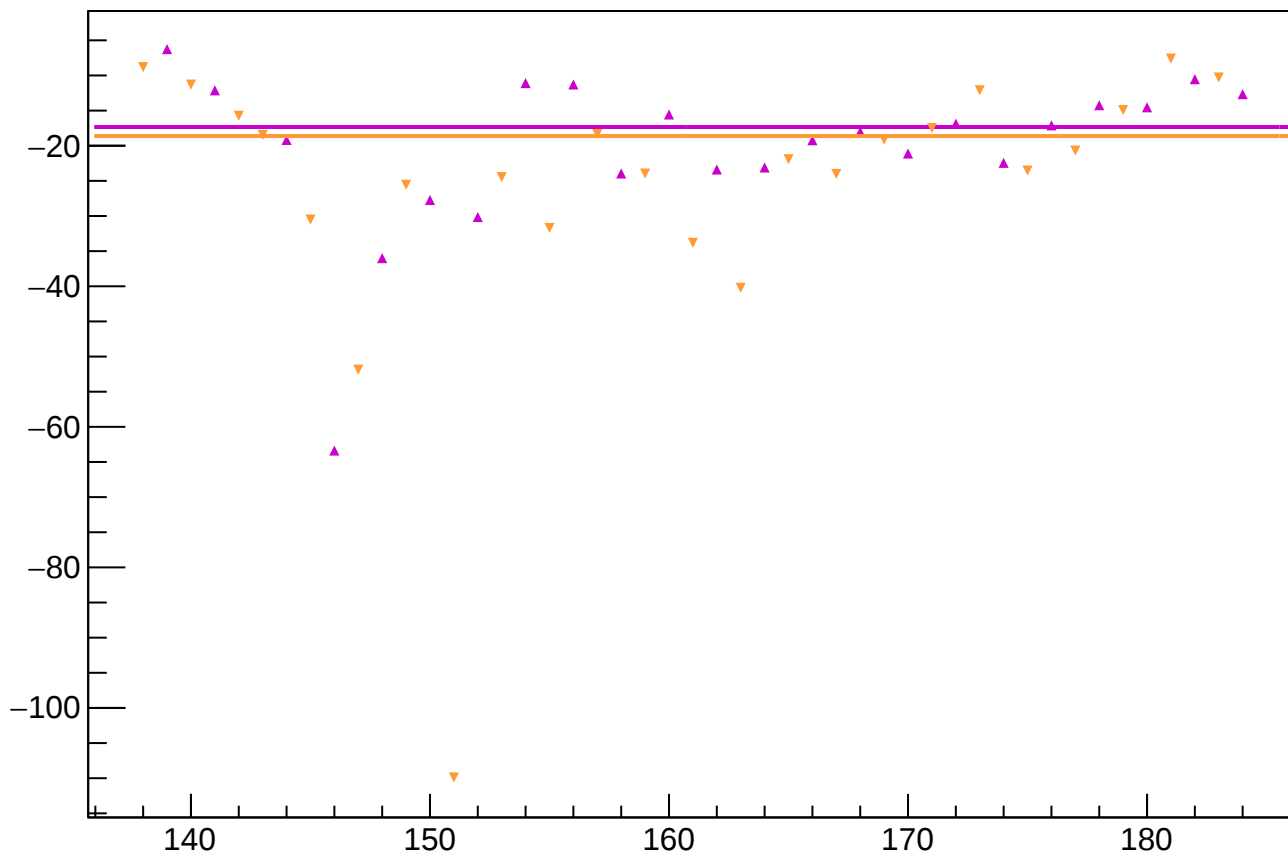
Right: 0.211 ± 0.003 χ^2/NDF : 1694.9/34

In: 0.104 ± 0.001 χ^2/NDF : 4986.8/39

Out: 0.128 ± 0.002 χ^2/NDF : 6026.9/41

All: 0.116 ± 0.001 χ^2/NDF : 11145.8/81

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



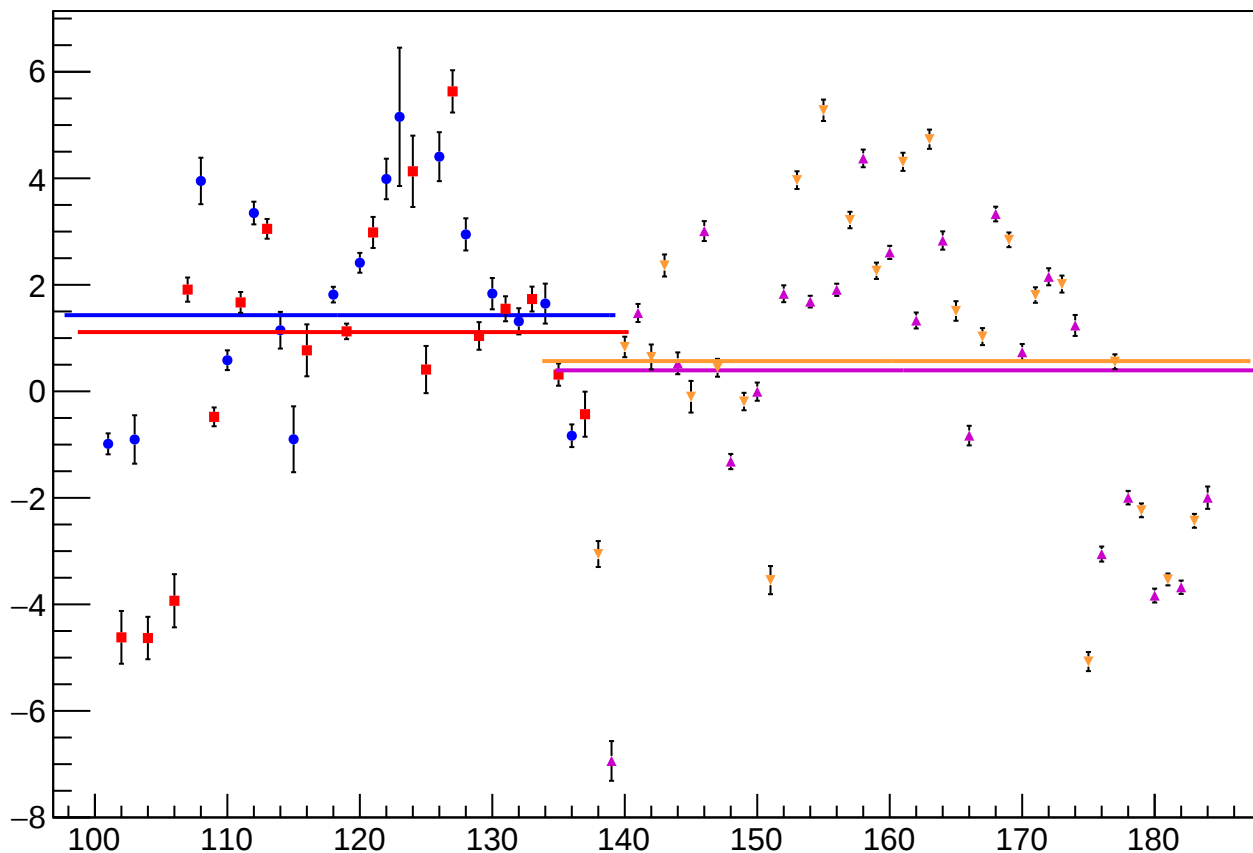
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.620+/-0.041 χ^2/NDF :86309.6/23
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.335+/-0.039 χ^2/NDF :44078.7/22

Left: -17.954+/-0.028 χ^2/NDF : 130907.7/46
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.335+/-0.039 χ^2/NDF :44078.7/22
 Out: -18.620+/-0.041 χ^2/NDF :86309.6/23

All: -17.954+/-0.028 χ^2/NDF : 130907.7/46

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 χ^2/NDF : 598.0/16

Left Out: 0.568 ± 0.034 χ^2/NDF : 6774.8/23

Right Out: 1.113 ± 0.060 χ^2/NDF : 887.6/17

Left In: 0.394 ± 0.032 χ^2/NDF : 6112.7/22

Left: 0.476 ± 0.023 χ^2/NDF : 12901.7/46

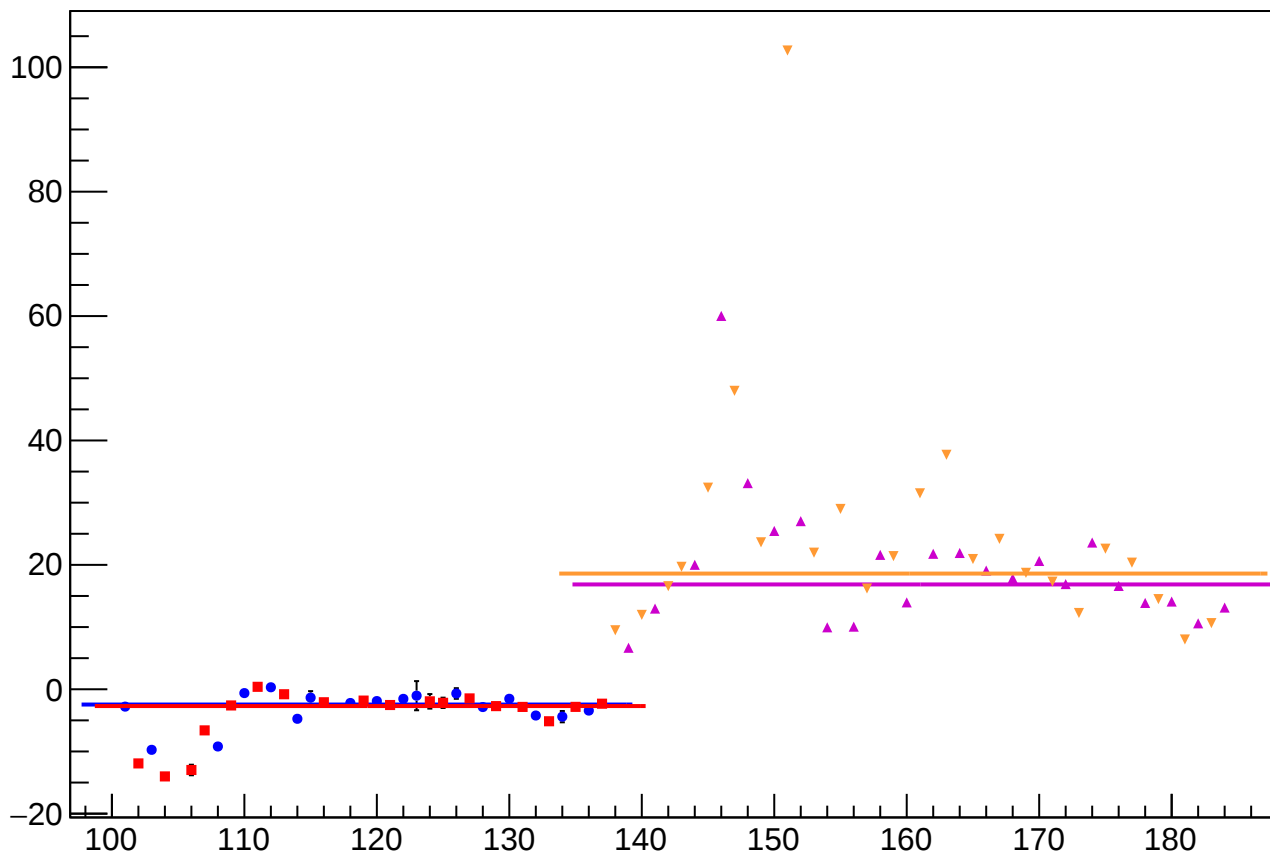
Right: 1.264 ± 0.043 χ^2/NDF : 1499.0/34

In: 0.604 ± 0.028 χ^2/NDF : 6927.7/39

Out: 0.698 ± 0.029 χ^2/NDF : 7724.9/41

All: 0.649 ± 0.020 χ^2/NDF : 14658.1/81

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 18.601+/-0.041 χ^2/NDF : 75998.1/23

Right Out: -2.700+/-0.104 χ^2/NDF : 829.7/17

Left In: 16.854+/-0.039 χ^2/NDF : 40590.0/22

Left: 17.685+/-0.028 χ^2/NDF : 117553.9/46

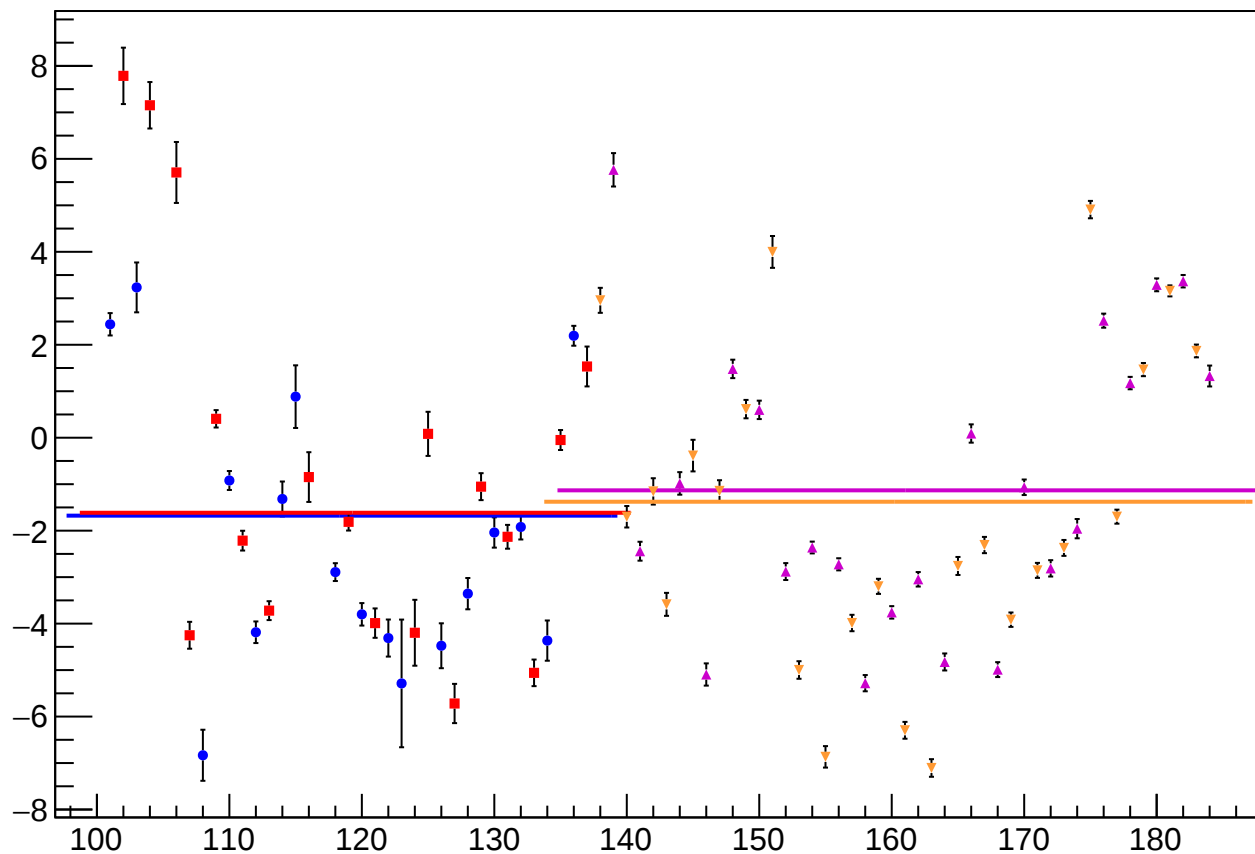
Right: -2.590+/-0.077 χ^2/NDF : 1251.4/34

In: 14.870+/-0.037 χ^2/NDF : 66501.7/39

Out: 15.750+/-0.038 χ^2/NDF : 113471.0/41

All: 15.296+/-0.026 χ^2/NDF : 180251.2/81

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.377 ± 0.037 χ^2/NDF : 7639.7/23

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.132 ± 0.035 χ^2/NDF : 6638.3/22

Left: -1.247 ± 0.026 χ^2/NDF : 14300.9/46

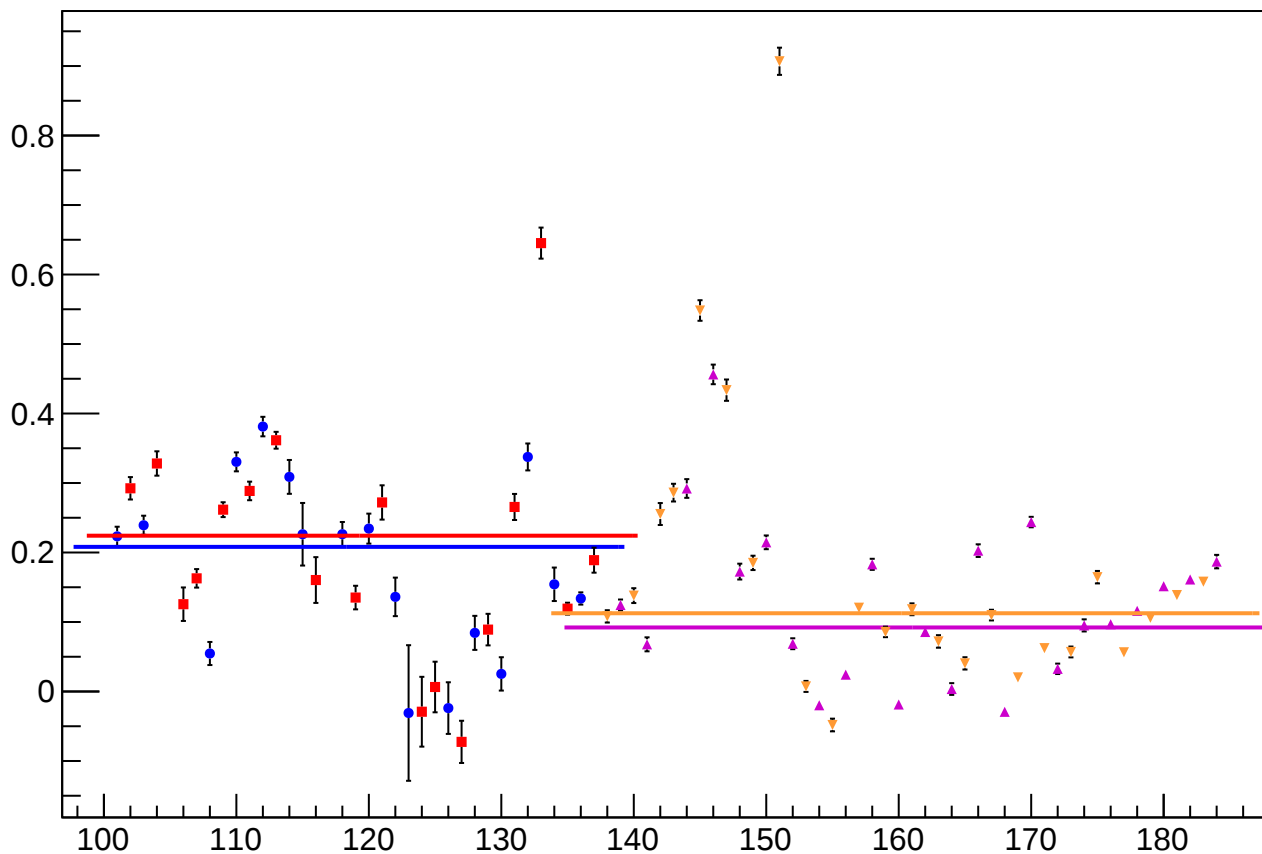
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.236 ± 0.032 χ^2/NDF : 7888.8/39

Out: -1.432 ± 0.033 χ^2/NDF : 9076.4/41

All: -1.331 ± 0.023 χ^2/NDF : 16983.9/81

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: 0.113 $\pm$ 0.002 χ^2 /NDF:4328.2/23

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.092 $\pm$ 0.002 χ^2 /NDF:3632.6/22

Left: 0.102 $\pm$ 0.001 χ^2 /NDF: 8041.4/46

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.106 $\pm$ 0.001 χ^2 /NDF:4887.1/39

Out: 0.130 $\pm$ 0.002 χ^2 /NDF:6029.6/41

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 11053.6/81