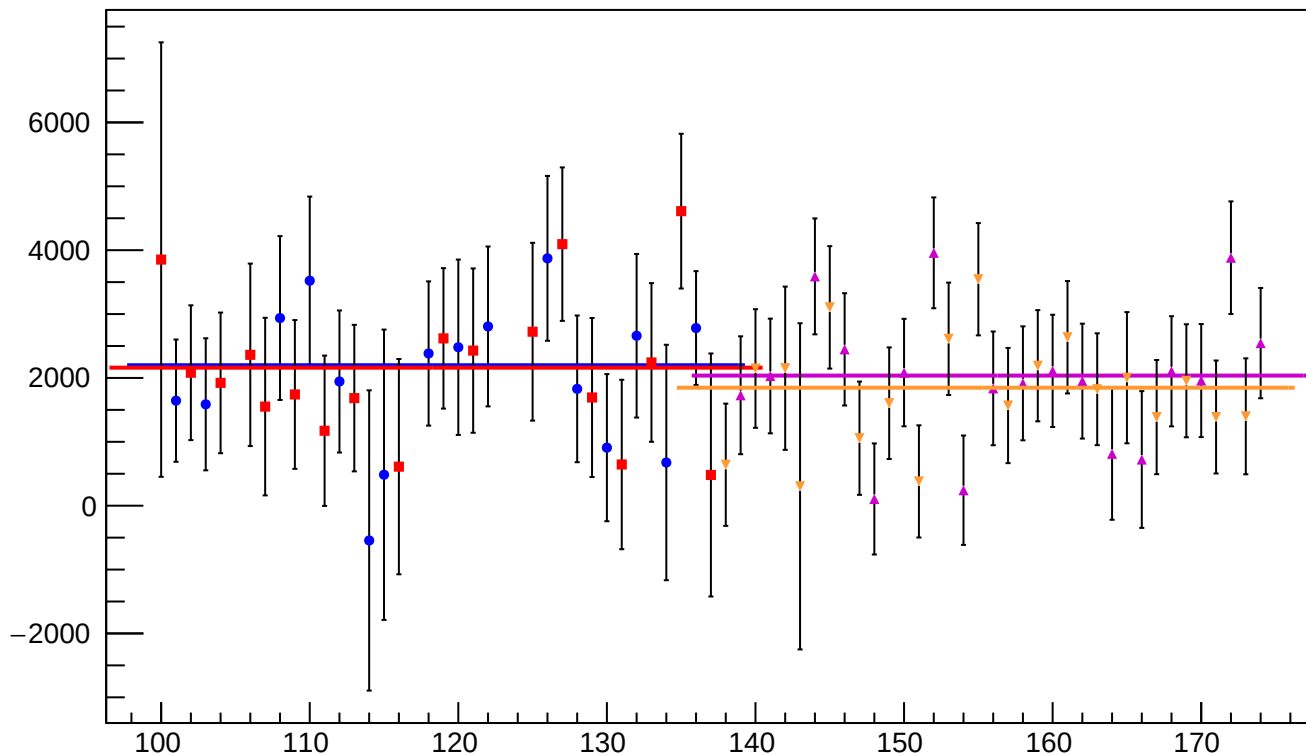


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1846.840+/-214.734

Right Out: 2160.742+/-303.587

Left In: 2036.801+/-210.996

χ^2/NDF : 8.6/15

χ^2/NDF :13.9/18

χ^2/NDF : 11.7/17

χ^2/NDF :25.2/17

Left: 1943.488+/-150.501

Right: 2179.612+/-215.784

In: 2088.853+/-173.845

Out: 1951.517+/-175.312

χ^2/NDF : 39.5/36

χ^2/NDF : 20.3/33

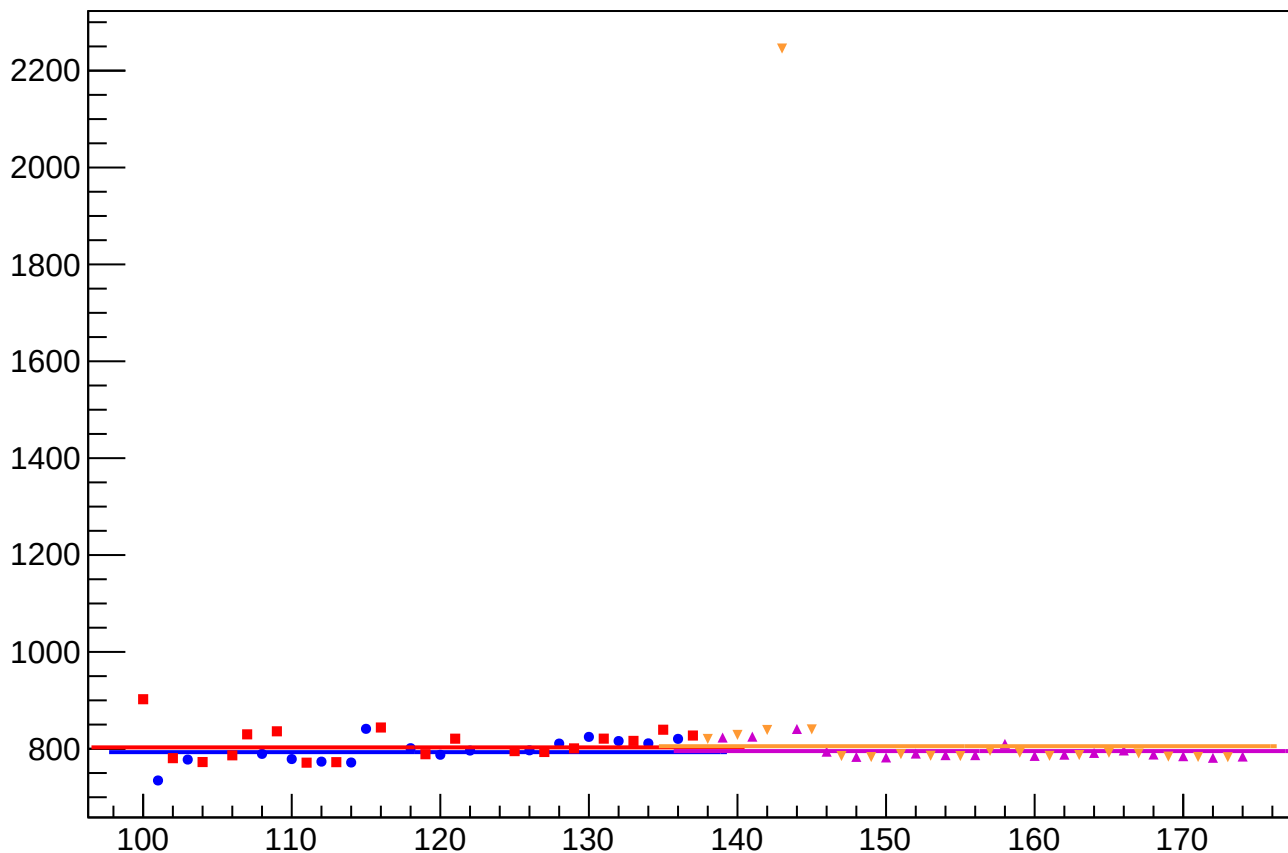
χ^2/NDF :34.0/33

χ^2/NDF :26.2/36

All: 2020.762+/-123.442

χ^2/NDF : 60.6/70

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 805.342 $\pm$ 0.152 χ^2 /NDF:654632.9/18

Right Out: 802.946 $\pm$ 0.215 χ^2 /NDF: 14445.6/17

Left In: 795.263 $\pm$ 0.149 χ^2 /NDF:12622.3/17

Left: 800.214 $\pm$ 0.106 χ^2 /NDF: 669496.8/36

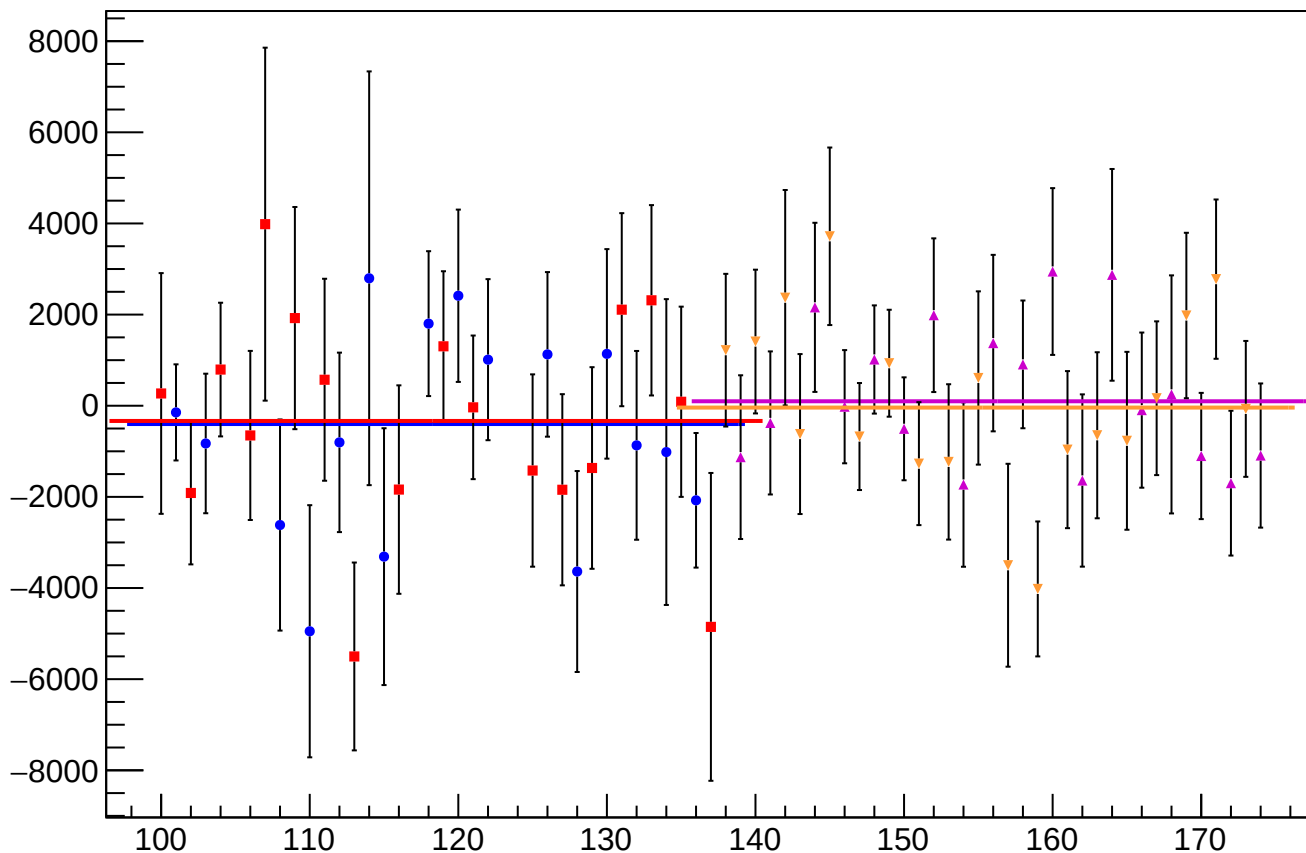
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

In: 794.566 $\pm$ 0.123 χ^2 /NDF:27393.4/33

Out: 804.543 $\pm$ 0.124 χ^2 /NDF:669161.5/36

All: 799.513 $\pm$ 0.087 χ^2 /NDF: 699821.2/70

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -40.408 ± 374.288 $\chi^2/\text{NDF}: 22.7/18$

Right Out: -333.998 ± 478.476 $\chi^2/\text{NDF}: 17.5/17$

Left In: 97.945 ± 373.845 $\chi^2/\text{NDF}: 13.0/17$

Left: 28.850 ± 264.505 $\chi^2/\text{NDF}: 35.8/36$

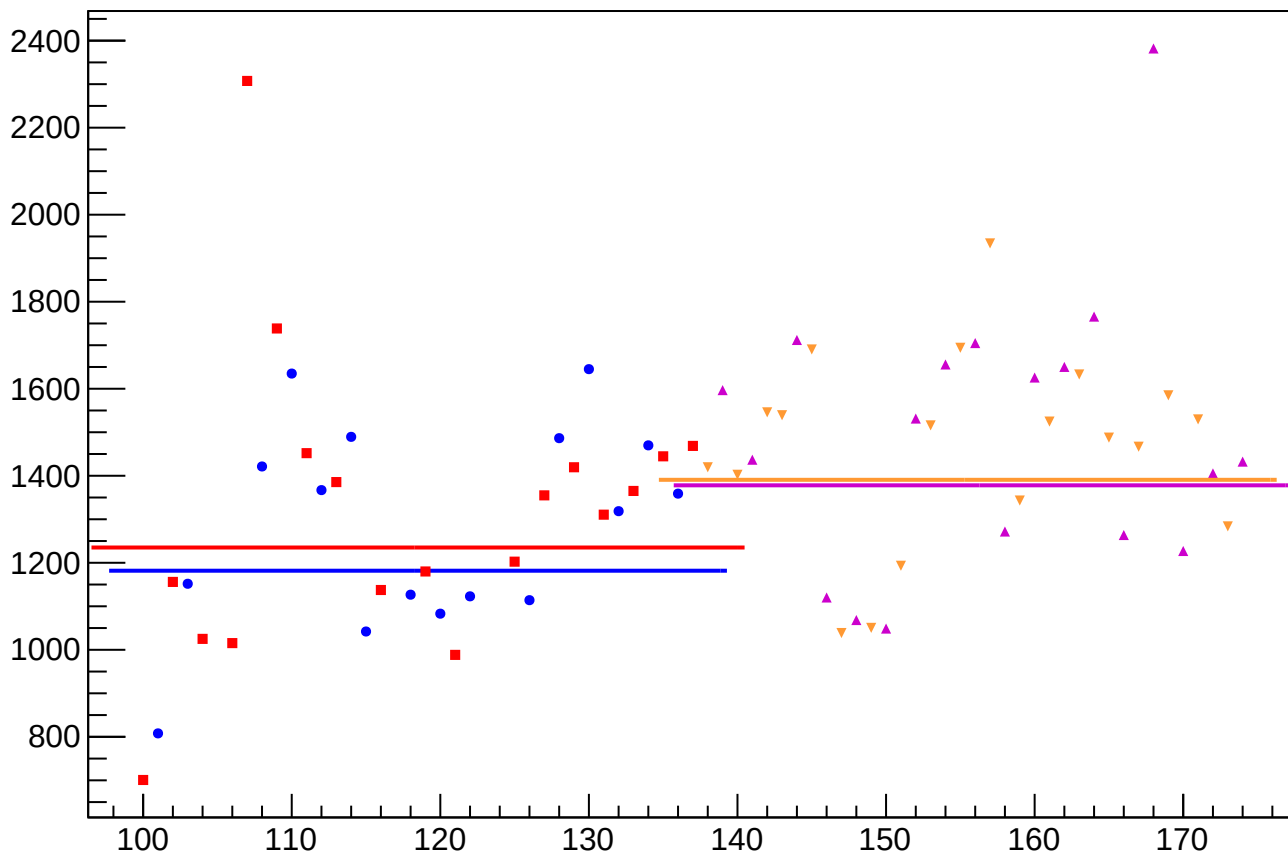
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -96.255 ± 292.255 $\chi^2/\text{NDF}: 28.6/33$

Out: -151.861 ± 294.805 $\chi^2/\text{NDF}: 40.4/36$

All: -123.816 ± 207.551 $\chi^2/\text{NDF}: 69.0/70$

asym_us_avg_correction_rms vs Slug, Sign Corrected



Right In: 1181.767+/-0.331 χ^2/NDF : 543493.3/15

Left Out: 1390.692+/-0.265 χ^2/NDF : 747053.0/18

Right Out: 1235.094+/-0.338 χ^2/NDF : 540252.3/17

Left In: 1378.016+/-0.264 χ^2/NDF : 1086954.0/17

Left: 1384.346+/-0.187 χ^2/NDF : 1835155.3/36

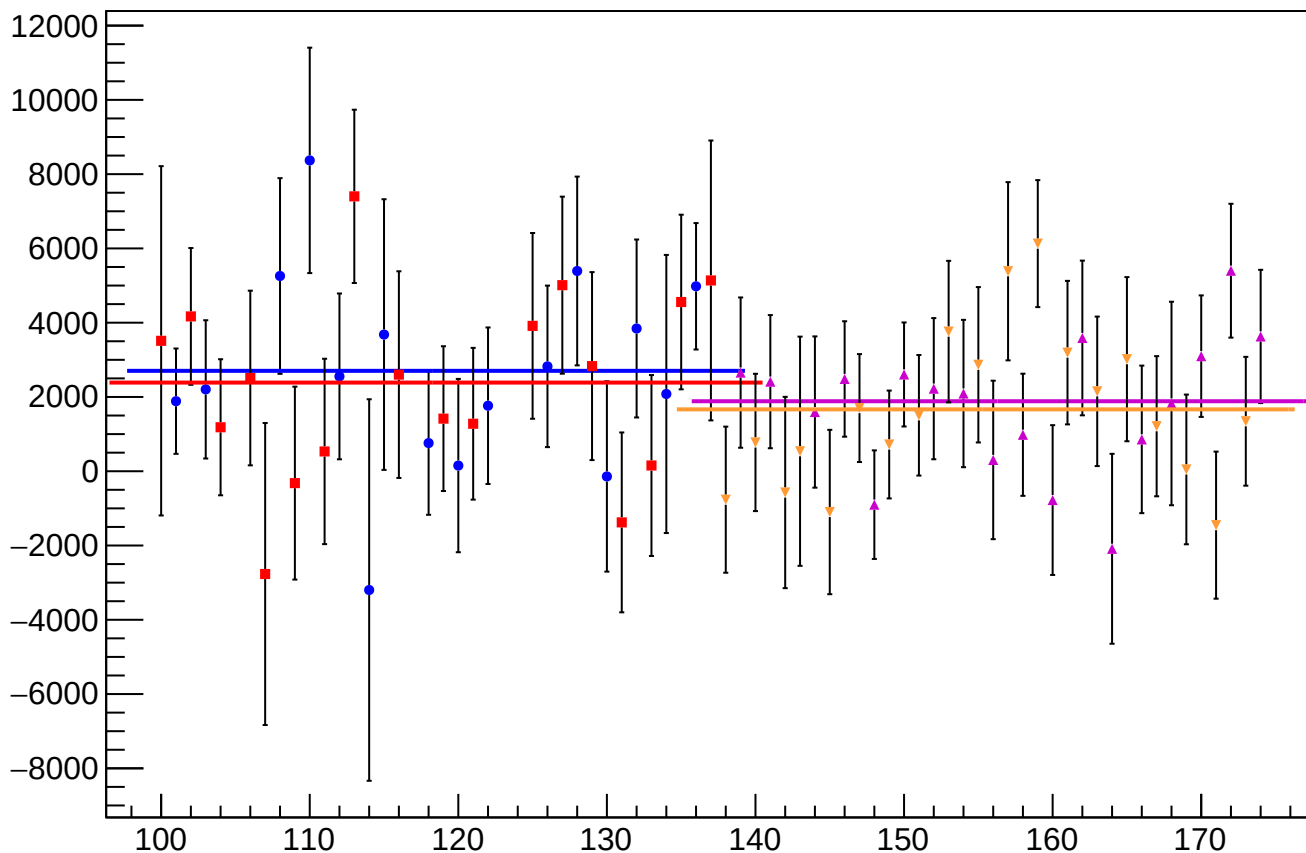
Right: 1207.878+/-0.237 χ^2/NDF : 1096424.2/33

In: 1301.703+/-0.207 χ^2/NDF : 1844763.6/33

Out: 1331.624+/-0.208 χ^2/NDF : 1418518.3/36

All: 1316.533+/-0.147 χ^2/NDF : 3273672.4/70

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1666.082 $\pm$ 438.873 χ^2/NDF : 19.7/18

Right Out: 2387.341 $\pm$ 569.264 χ^2/NDF : 16.1/17

Left In: 1884.951 $\pm$ 433.681 χ^2/NDF : 15.6/17

Left: 1776.819 $\pm$ 308.478 χ^2/NDF : 35.4/36

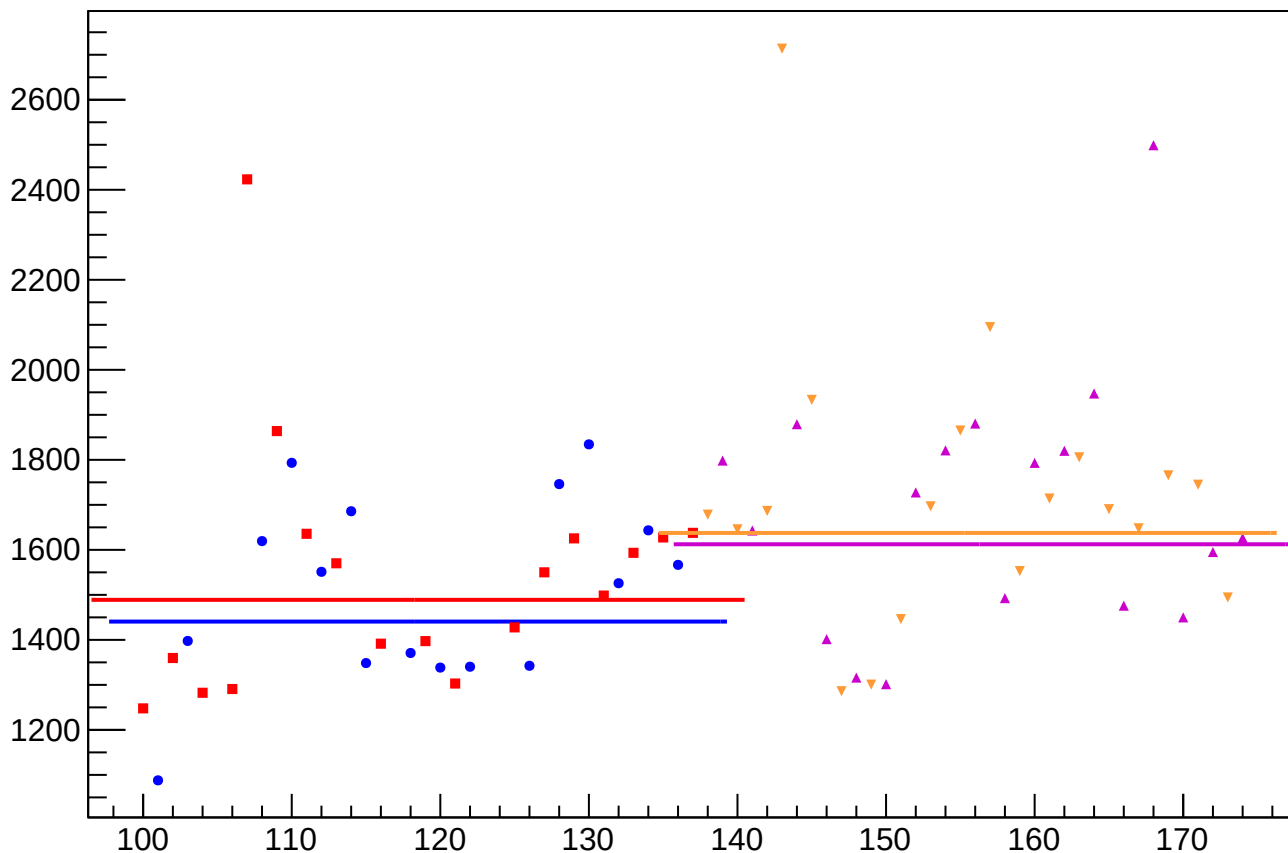
Right: 2546.843 $\pm$ 400.838 χ^2/NDF : 29.3/33

In: 2188.826 $\pm$ 343.909 χ^2/NDF : 29.9/33

Out: 1934.960 $\pm$ 347.573 χ^2/NDF : 36.8/36

All: 2063.238 $\pm$ 244.465 χ^2/NDF : 67.0/70

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1637.570 $\pm$ 0.310 χ^2/NDF : 682140.0/18

Right Out: 1488.944 $\pm$ 0.403 χ^2/NDF : 256842.6/17

Left In: 1612.397 $\pm$ 0.307 χ^2/NDF : 650063.6/17

Left: 1624.833 $\pm$ 0.218 χ^2/NDF : 1335532.7/36

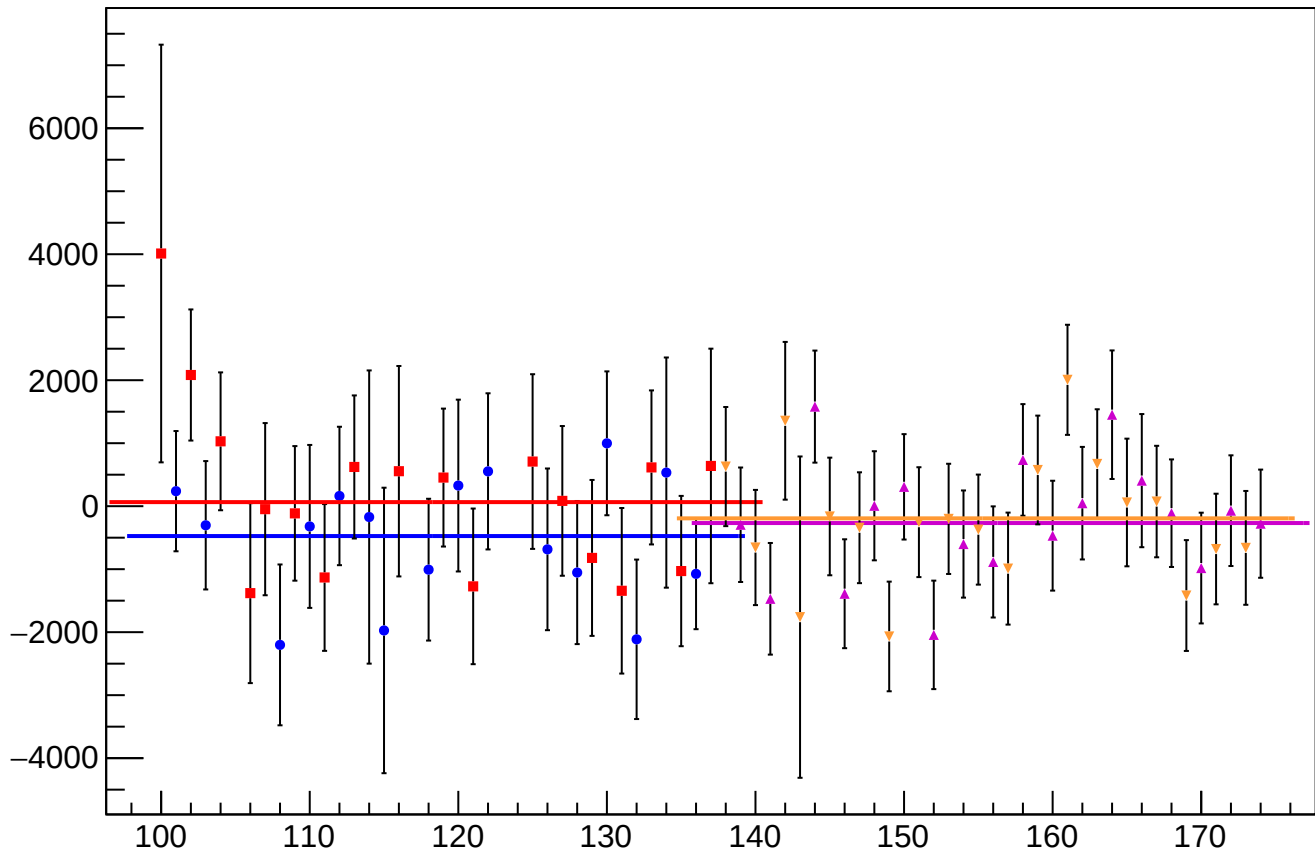
Right: 1464.596 $\pm$ 0.283 χ^2/NDF : 546361.9/33

In: 1548.654 $\pm$ 0.243 χ^2/NDF : 1048740.1/33

Out: 1582.164 $\pm$ 0.246 χ^2/NDF : 1024489.8/36

All: 1565.231 $\pm$ 0.173 χ^2/NDF : 2082623.4/70

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -193.082 $\pm$ 212.688 χ^2 /NDF:19.2/18

Right Out: 64.684 $\pm$ 298.395 χ^2 /NDF: 12.7/17

Left In: -267.511 $\pm$ 209.059 χ^2 /NDF:18.8/17

Left: -230.937 $\pm$ 149.094 χ^2 /NDF: 38.1/36

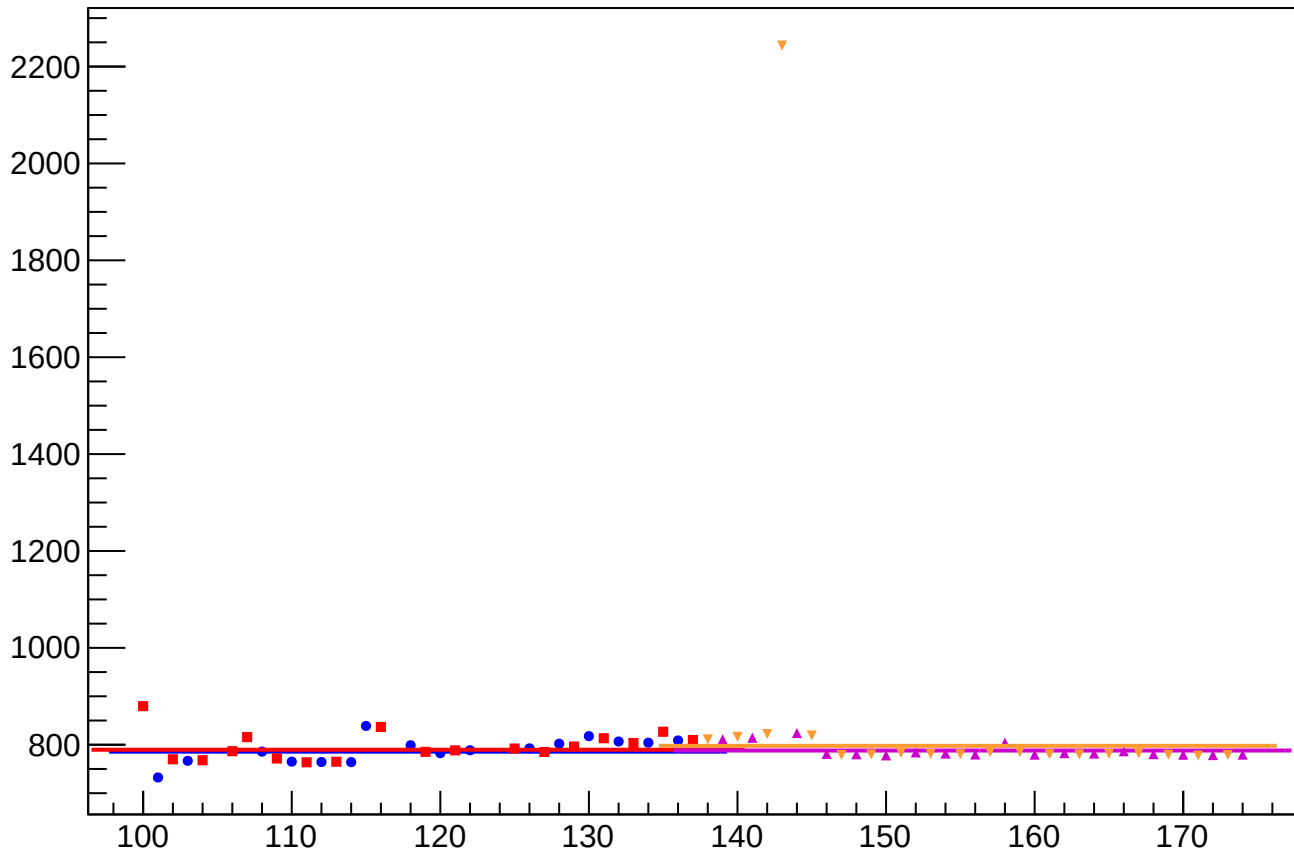
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -333.880 $\pm$ 172.242 χ^2 /NDF:28.0/33

Out: -106.243 $\pm$ 173.195 χ^2 /NDF:32.4/36

All: -220.689 $\pm$ 122.129 χ^2 /NDF: 61.2/70

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 797.742 $\pm$ 0.150 χ^2/NDF : 655768.8/18

Right Out: 789.675 $\pm$ 0.211 χ^2/NDF : 11010.0/17

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

Left: 792.816 $\pm$ 0.105 χ^2/NDF : 666935.3/36

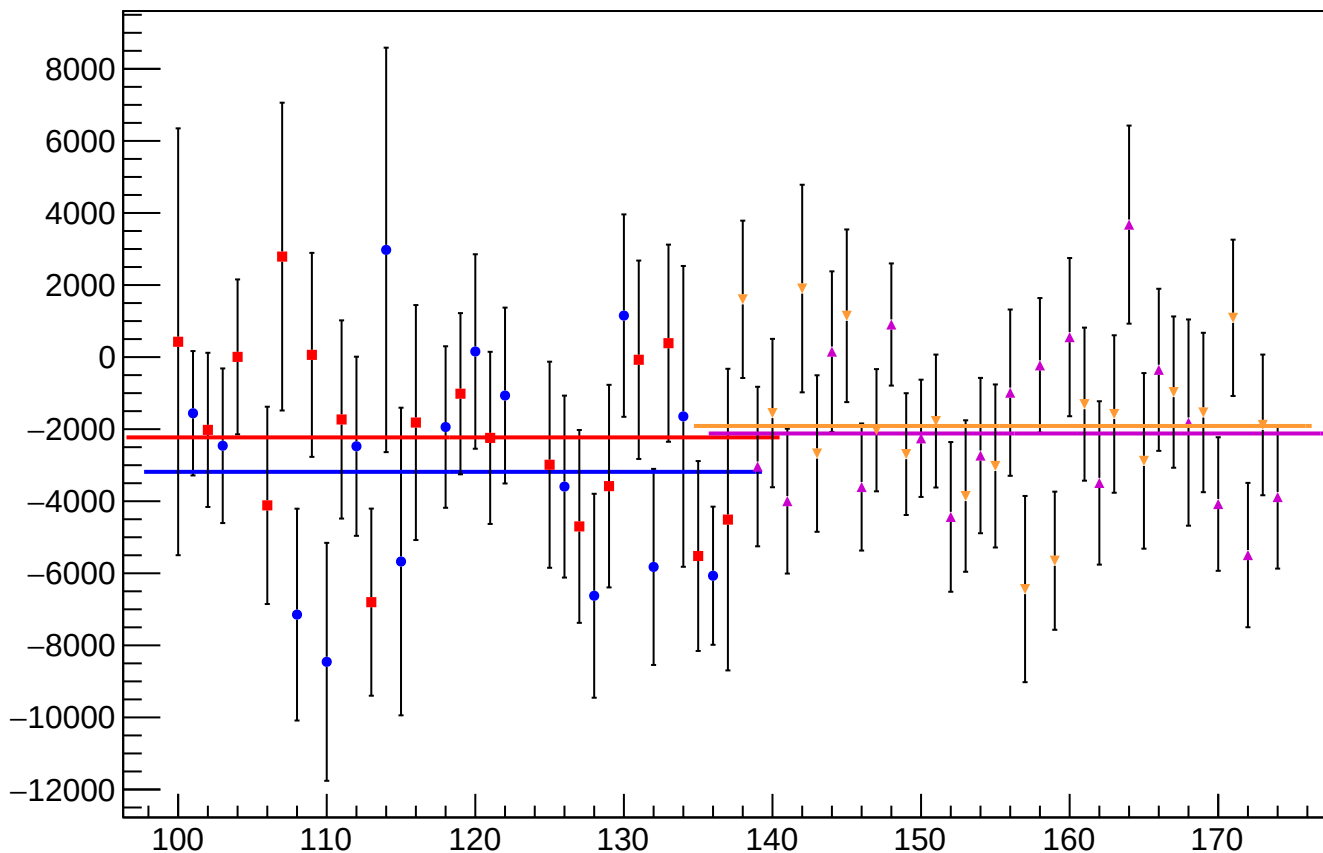
Right: 787.746 $\pm$ 0.151 χ^2/NDF : 25101.7/33

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

Out: 795.025 $\pm$ 0.122 χ^2/NDF : 667748.2/36

All: 791.148 $\pm$ 0.086 χ^2/NDF : 692797.7/70

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2/NDF : 16.8/15

Left Out: -1911.002 $\pm$ 482.641 χ^2/NDF : 16.7/18

Right Out: -2228.093 $\pm$ 648.044 χ^2/NDF : 11.8/17

Left In: -2119.793 $\pm$ 483.954 χ^2/NDF : 20.2/17

Left: -2015.114 $\pm$ 341.742 χ^2/NDF : 37.1/36

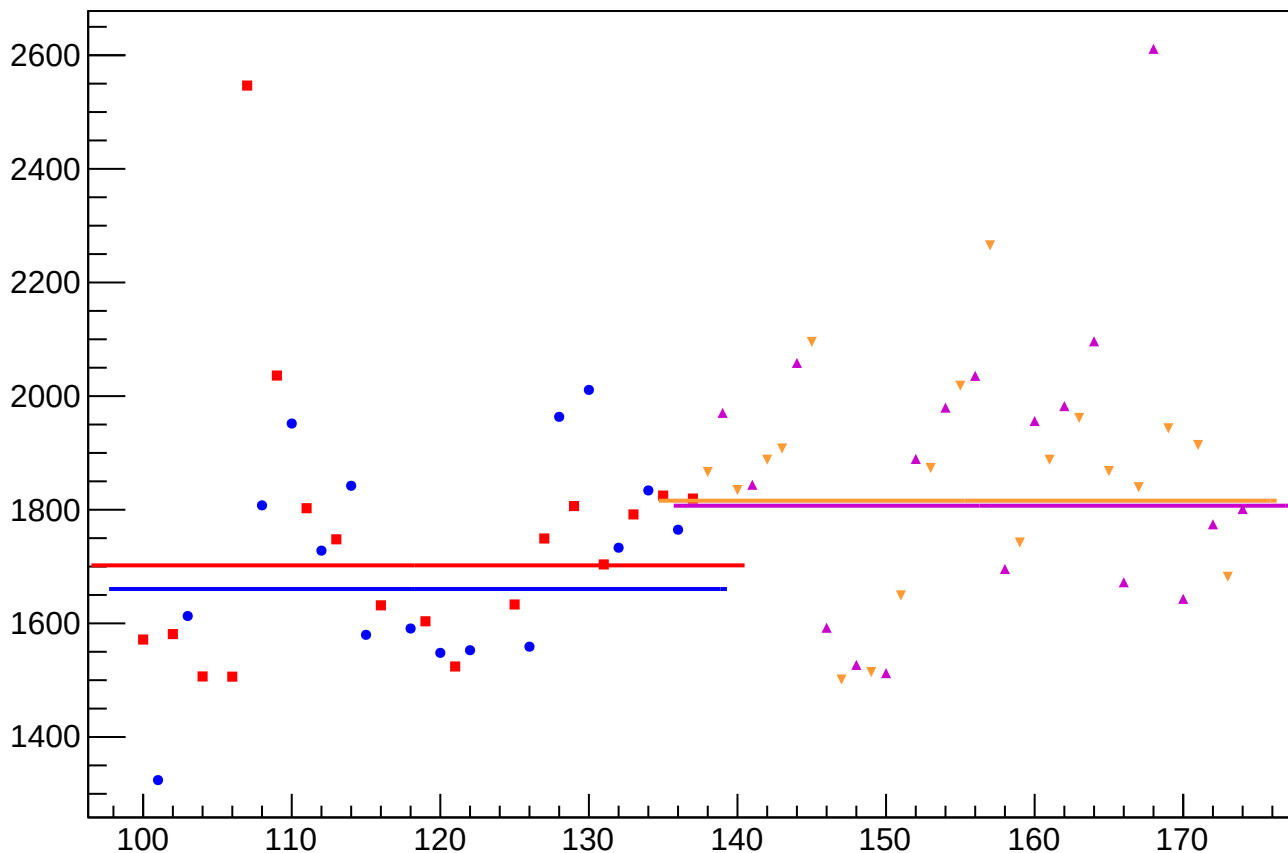
Right: -2706.812 $\pm$ 457.995 χ^2/NDF : 29.7/33

In: -2501.511 $\pm$ 387.613 χ^2/NDF : 38.8/33

Out: -2024.134 $\pm$ 387.083 χ^2/NDF : 28.7/36

All: -2262.496 $\pm$ 273.896 χ^2/NDF : 68.2/70

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1815.934 $\pm$ 0.341 χ^2 /NDF:295680.0/18

Right Out: 1702.098 $\pm$ 0.458 χ^2 /NDF: 172008.4/17

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

Left: 1811.539 $\pm$ 0.242 χ^2 /NDF: 750272.9/36

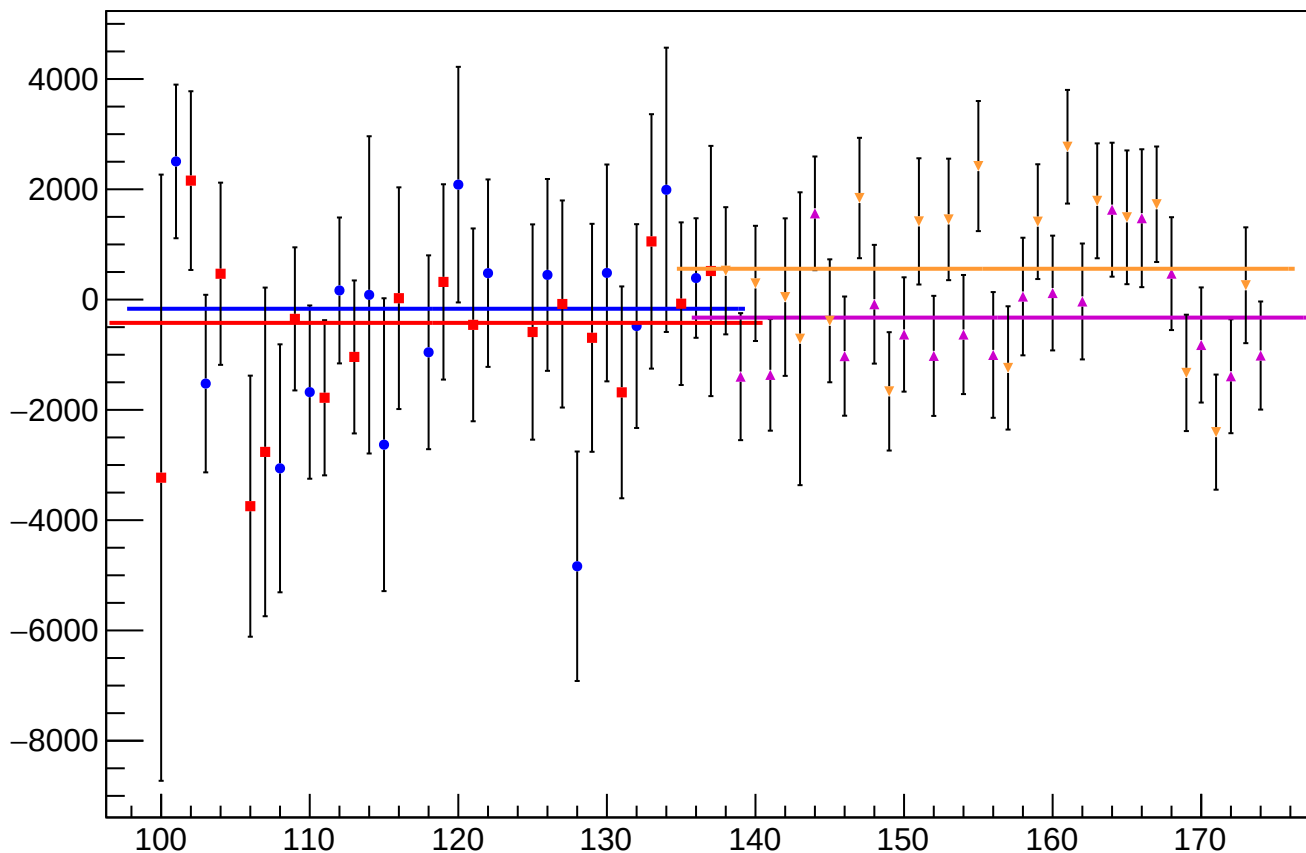
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1775.320 $\pm$ 0.274 χ^2 /NDF:507383.9/36

All: 1764.945 $\pm$ 0.194 χ^2 /NDF: 1209575.7/70

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 558.924 ± 258.050 $\chi^2/\text{NDF}: 33.0/18$

Right Out: -422.359 ± 427.321 $\chi^2/\text{NDF}: 8.2/17$

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

Left: 106.702 ± 180.529 $\chi^2/\text{NDF}: 53.1/36$

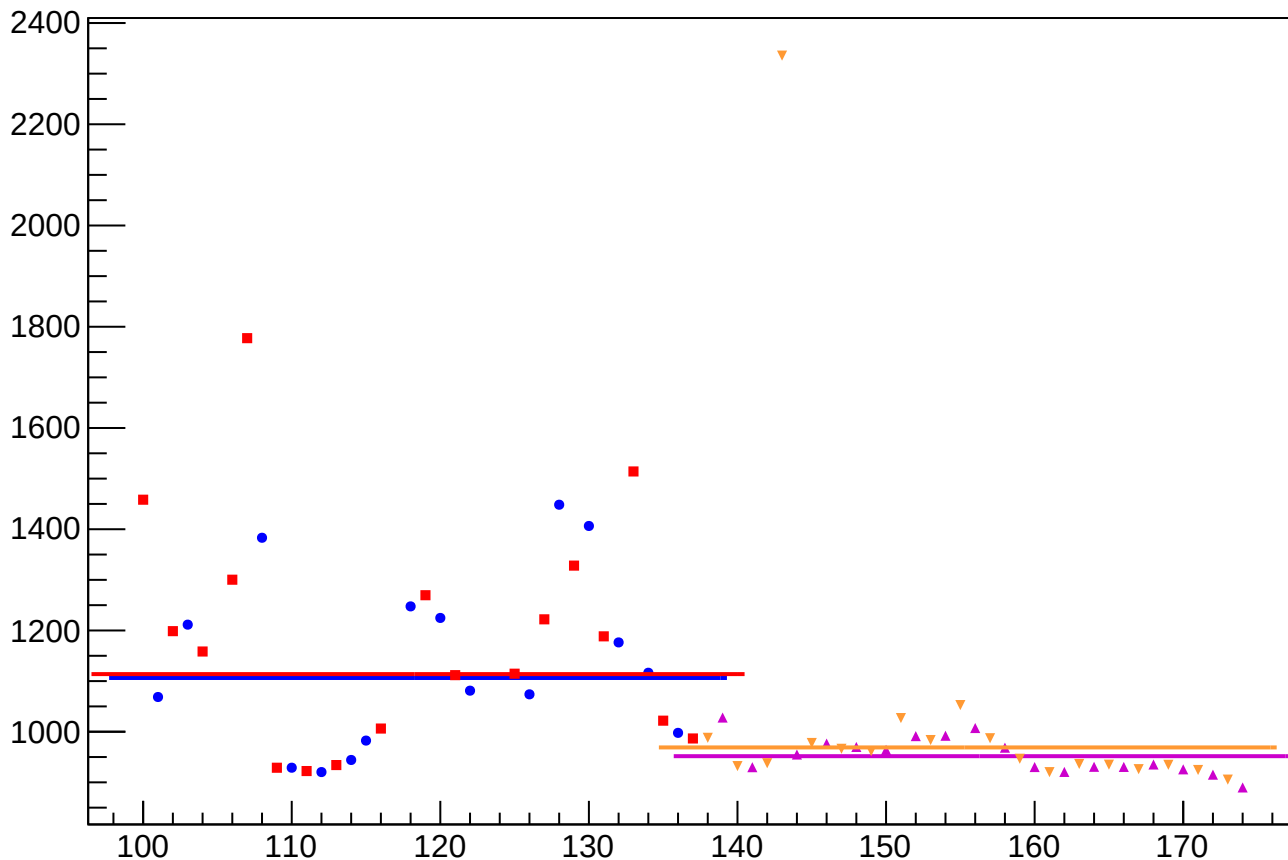
Right: -295.954 ± 304.038 $\chi^2/\text{NDF}: 24.0/33$

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

Out: 296.704 ± 220.897 $\chi^2/\text{NDF}: 45.0/36$

All: 1.744 ± 155.228 $\chi^2/\text{NDF}: 78.4/70$

asym_us_dd_rms vs Slug, Sign Corrected



Left: 960.149 ± 0.128 $\chi^2/\text{NDF}: 618357.3/36$

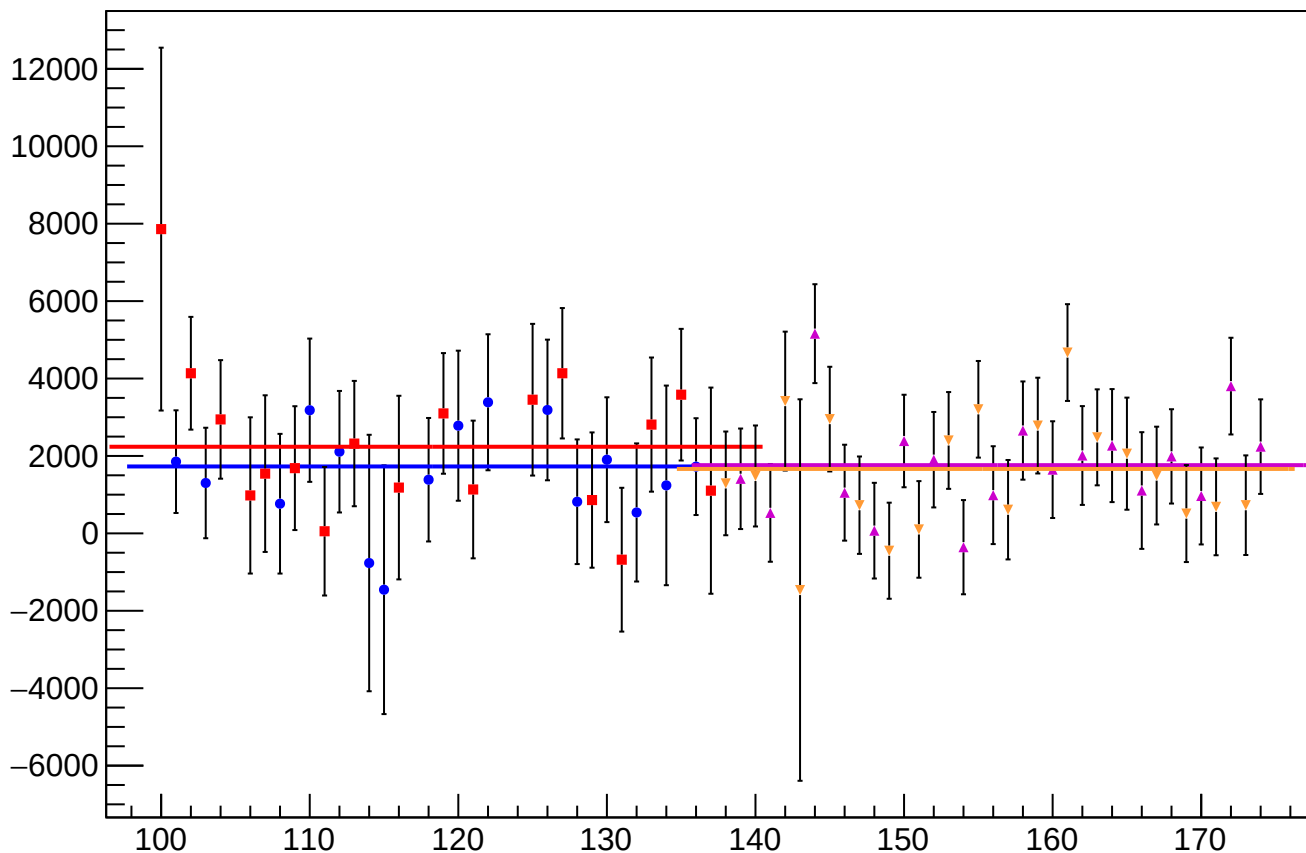
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

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

Out: 1007.682 ± 0.156 $\chi^2/\text{NDF}: 1108126.5/36$

All: 999.219 ± 0.110 $\chi^2/\text{NDF}: 1602265.7/70$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1664.539 $\pm$ 304.537 χ^2 /NDF:19.0/18

Right Out: 2237.683 $\pm$ 425.458 χ^2 /NDF: 12.3/17

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

Left: 1714.259 $\pm$ 213.257 χ^2 /NDF: 37.2/36

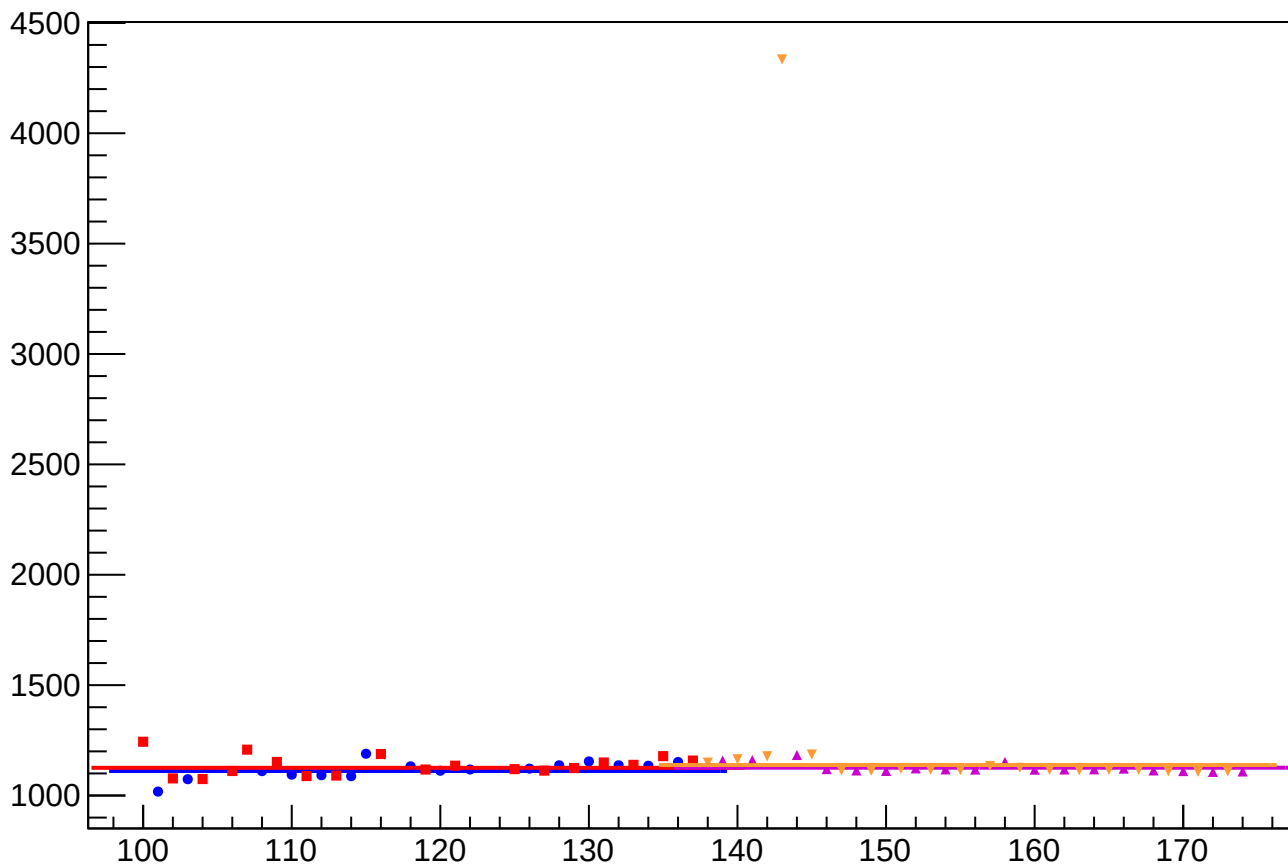
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 1858.708 $\pm$ 247.636 χ^2 /NDF:32.5/36

All: 1804.416 $\pm$ 174.273 χ^2 /NDF: 56.0/70

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1111.042 ± 0.304 $\chi^2/\text{NDF}: 18091.1/15$

Left Out: 1138.136 ± 0.215 $\chi^2/\text{NDF}: 854919.6/18$

Right Out: 1125.496 ± 0.301 $\chi^2/\text{NDF}: 15880.9/17$

Left In: 1126.006 ± 0.211 $\chi^2/\text{NDF}: 9982.0/17$

Left: 1131.954 ± 0.151 $\chi^2/\text{NDF}: 866518.9/36$

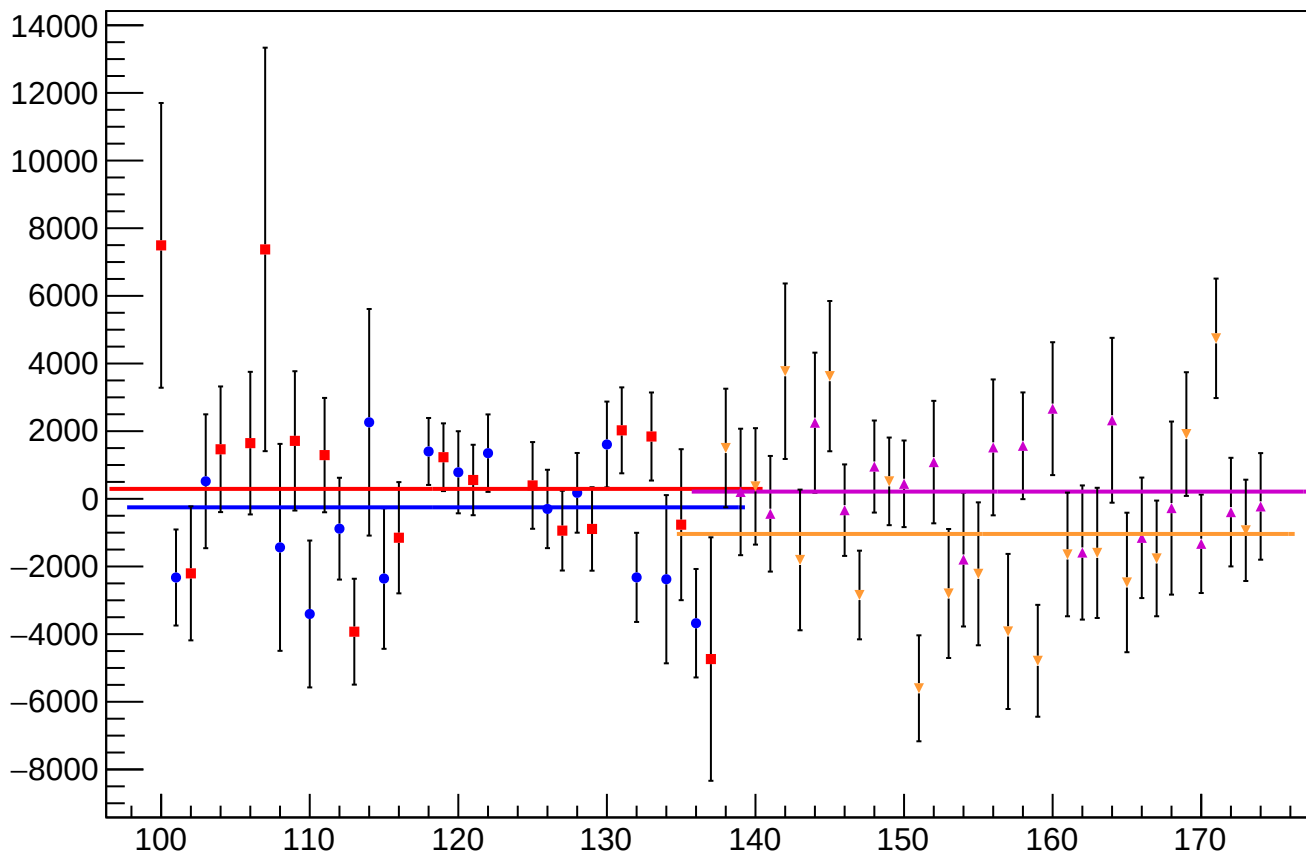
Right: 1118.342 ± 0.214 $\chi^2/\text{NDF}: 35114.3/33$

In: 1121.132 ± 0.173 $\chi^2/\text{NDF}: 29707.6/33$

Out: 1133.854 ± 0.175 $\chi^2/\text{NDF}: 871967.9/36$

All: 1127.432 ± 0.123 $\chi^2/\text{NDF}: 904339.9/70$

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1038.074 $\pm$ 404.947 χ^2/NDF :44.7/18

Right Out: 293.658 $\pm$ 362.490 χ^2/NDF : 24.0/17

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

Left: -408.087 $\pm$ 285.372 χ^2/NDF : 58.6/36

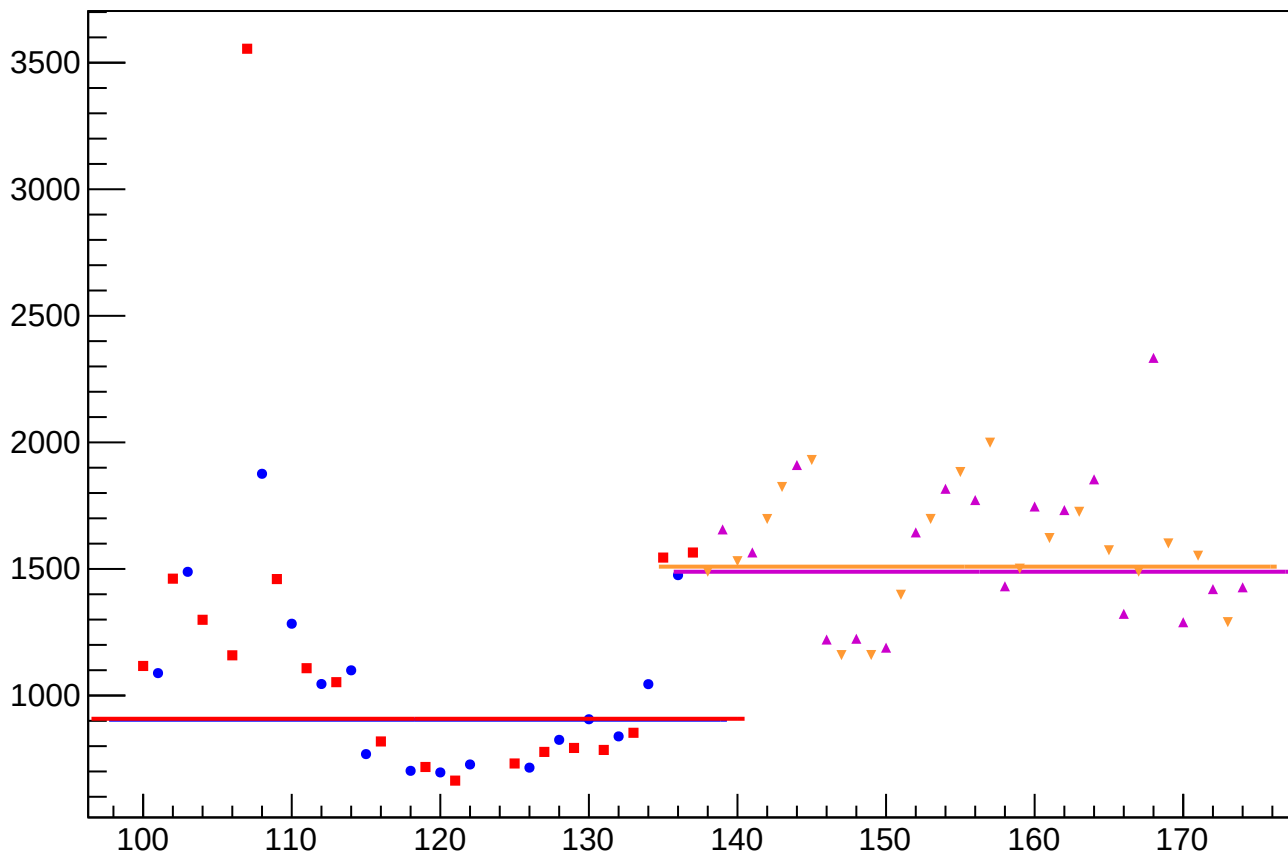
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

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

Out: -298.756 $\pm$ 270.087 χ^2/NDF :74.7/36

All: -170.203 $\pm$ 191.047 χ^2/NDF : 106.8/70

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1509.109+/-0.286 χ^2/NDF : 684206.8/18

Right Out: 908.153+/-0.256 χ^2/NDF : 1381025.2/17

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

Left: 1498.979+/-0.202 χ^2/NDF : 1554746.7/36

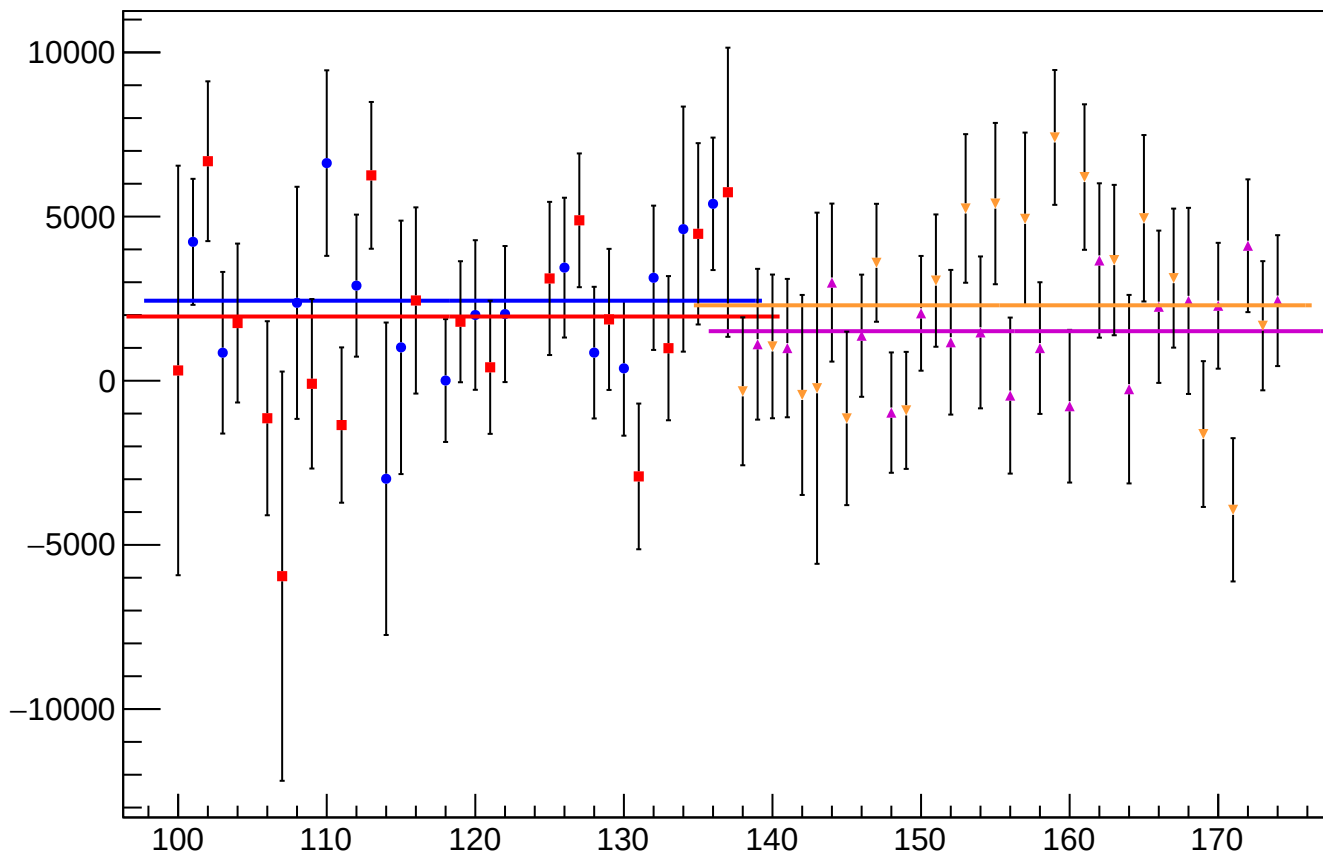
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 1175.485+/-0.191 χ^2/NDF : 4510530.7/36

All: 1171.950+/-0.135 χ^2/NDF : 8716785.9/70

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2297.509 $\pm$ 516.377 χ^2/NDF : 34.9/18

Right Out: 1955.910 $\pm$ 584.085 χ^2/NDF : 22.4/17

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

Left: 1896.325 $\pm$ 361.870 χ^2/NDF : 43.7/36

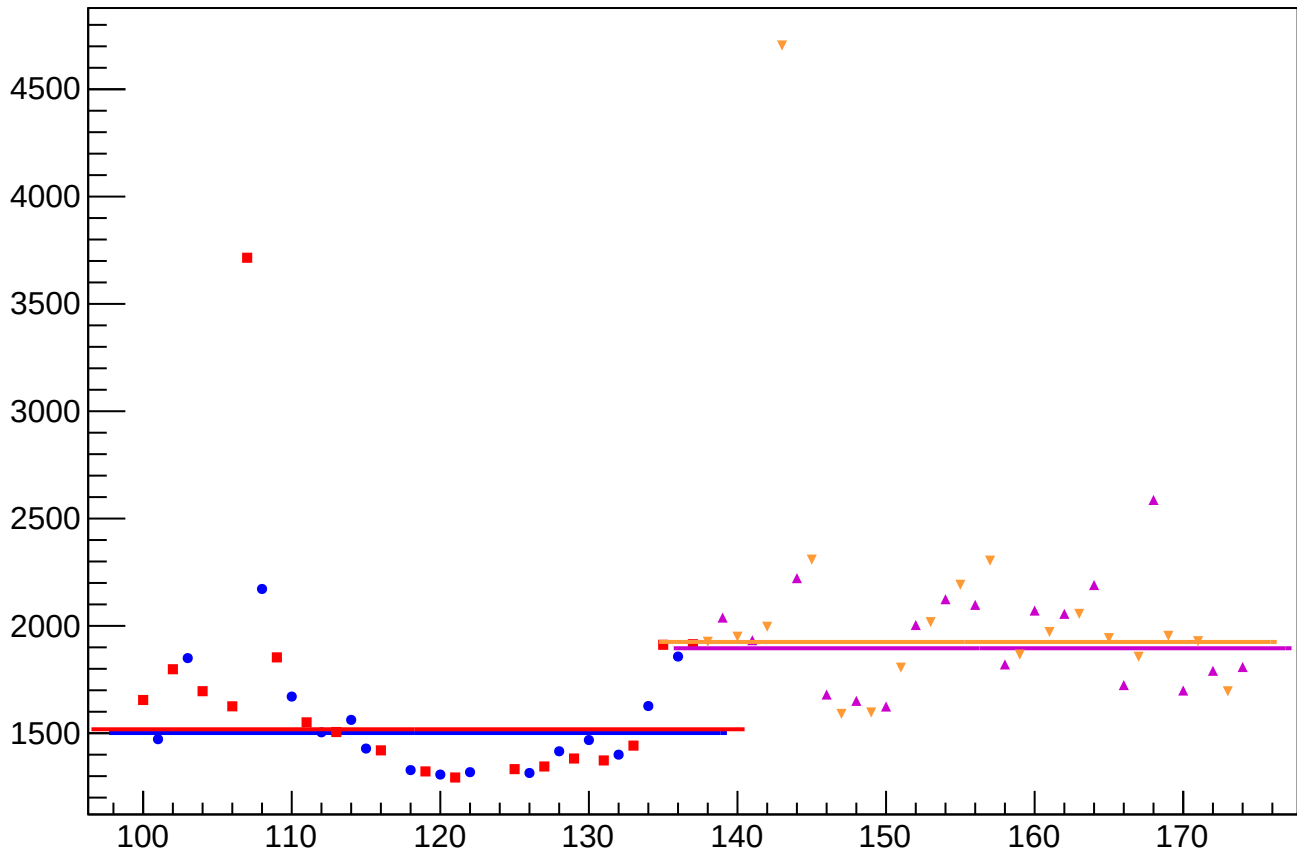
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

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

Out: 2147.648 $\pm$ 386.868 χ^2/NDF : 57.4/36

All: 2026.126 $\pm$ 272.392 χ^2/NDF : 77.8/70

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1925.150+/-0.365 χ^2/NDF : 835433.2/18

Right Out: 1518.327+/-0.413 χ^2/NDF : 476011.7/17

Left In: 1895.778+/-0.359 χ^2/NDF : 399614.3/17

Left: 1910.203+/-0.256 χ^2/NDF : 1238340.7/36

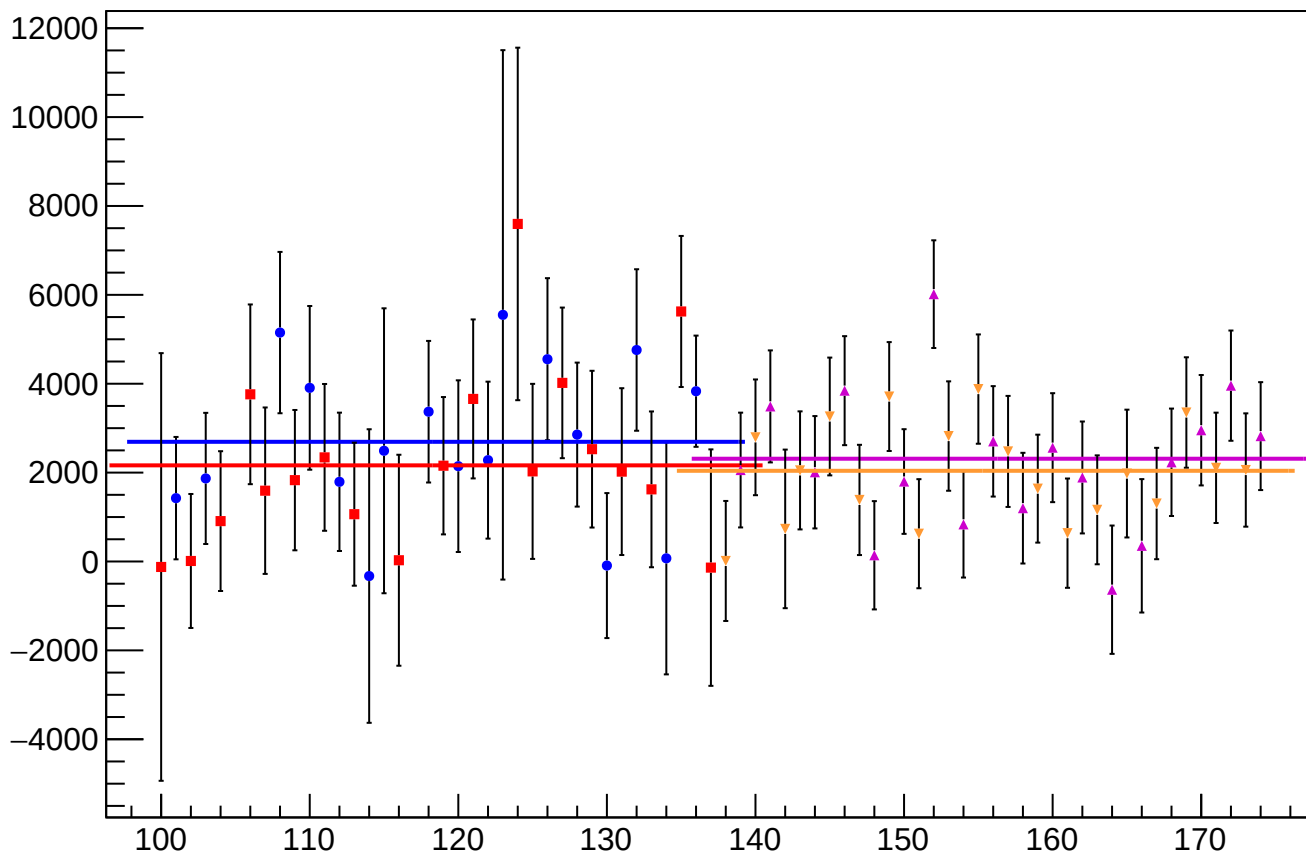
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

In: 1726.676+/-0.271 χ^2/NDF : 1174936.6/33

Out: 1746.675+/-0.274 χ^2/NDF : 1856048.8/36

All: 1736.590+/-0.193 χ^2/NDF : 3033680.3/70

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2040.700 $\pm$ 294.030 χ^2 /NDF:13.6/18

Right Out: 2163.105 $\pm$ 423.797 χ^2 /NDF: 13.8/18

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

Left: 2175.959 $\pm$ 208.363 χ^2 /NDF: 39.9/36

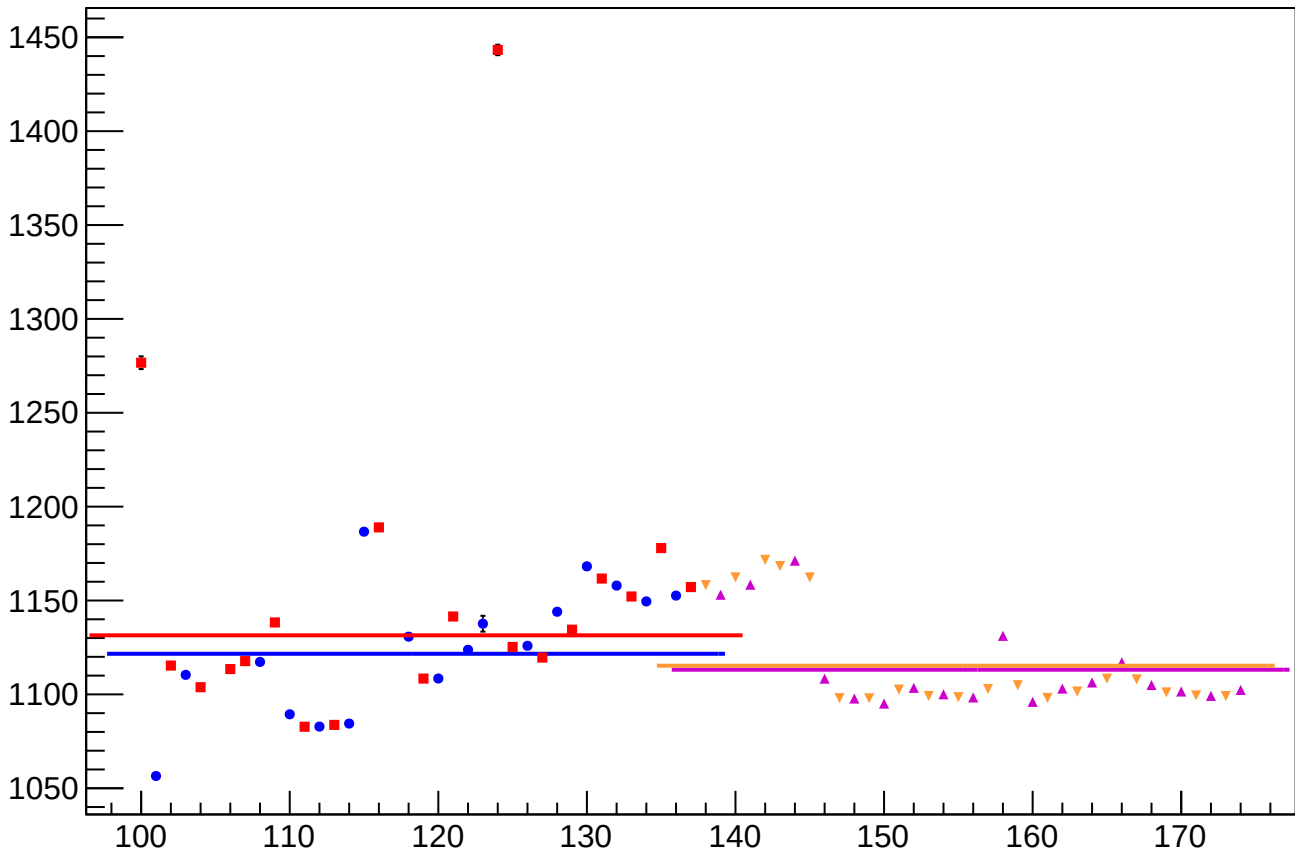
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2080.475 $\pm$ 241.580 χ^2 /NDF:27.4/37

All: 2255.237 $\pm$ 171.639 χ^2 /NDF: 67.1/72

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1115.260 $\pm$ 0.208 χ^2 /NDF:16063.8/18

Right Out: 1131.451 $\pm$ 0.300 χ^2 /NDF: 23111.7/18

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

Left: 1114.202 $\pm$ 0.147 χ^2 /NDF: 27967.4/36

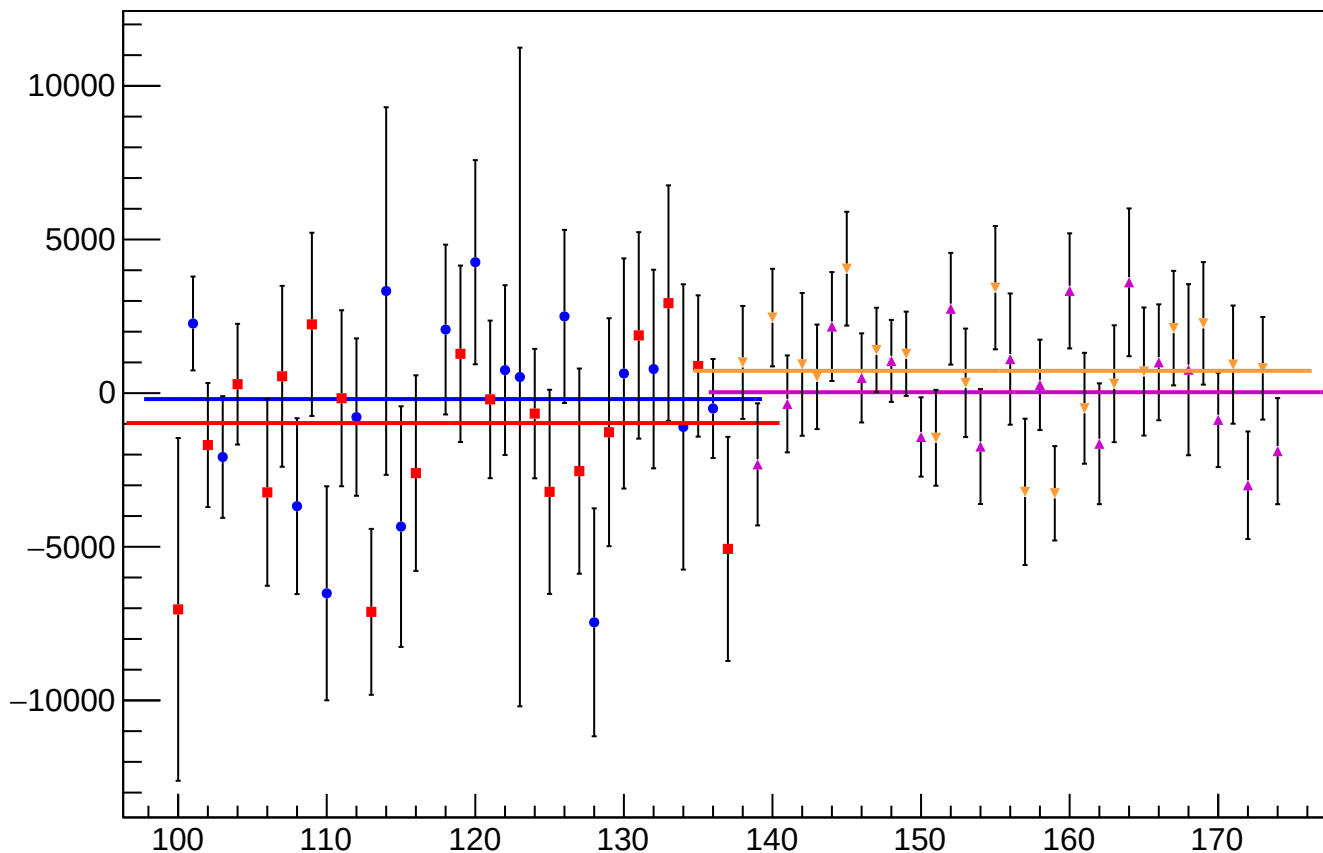
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1120.522 $\pm$ 0.171 χ^2 /NDF:41146.2/37

All: 1118.200 $\pm$ 0.121 χ^2 /NDF: 65876.6/72

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 727.501 ± 403.567 $\chi^2/\text{NDF}: 19.8/18$

Right Out: -973.263 ± 645.048 $\chi^2/\text{NDF}: 14.3/18$

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

Left: 379.951 ± 285.914 $\chi^2/\text{NDF}: 40.5/36$

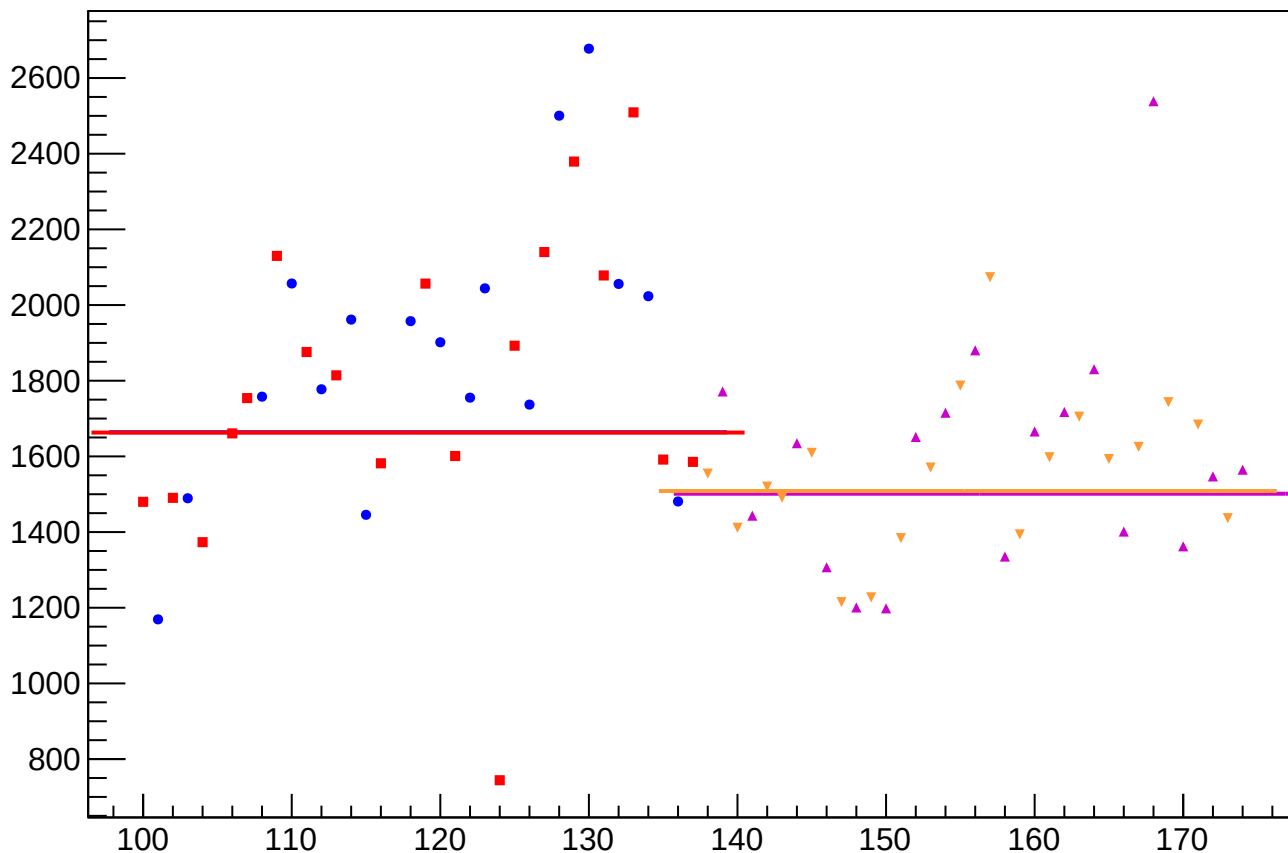
Right: -592.444 ± 461.436 $\chi^2/\text{NDF}: 32.4/35$

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

Out: 249.055 ± 342.126 $\chi^2/\text{NDF}: 39.1/37$

All: 110.191 ± 243.041 $\chi^2/\text{NDF}: 76.1/72$

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1508.504 $\pm$ 0.285 χ^2 /NDF: 453435.1/18

Right Out: 1662.985 $\pm$ 0.456 χ^2 /NDF: 804974.2/18

Left In: 1501.372 $\pm$ 0.286 χ^2 /NDF: 807888.4/17

Left: 1504.952 $\pm$ 0.202 χ^2 /NDF: 1261634.6/36

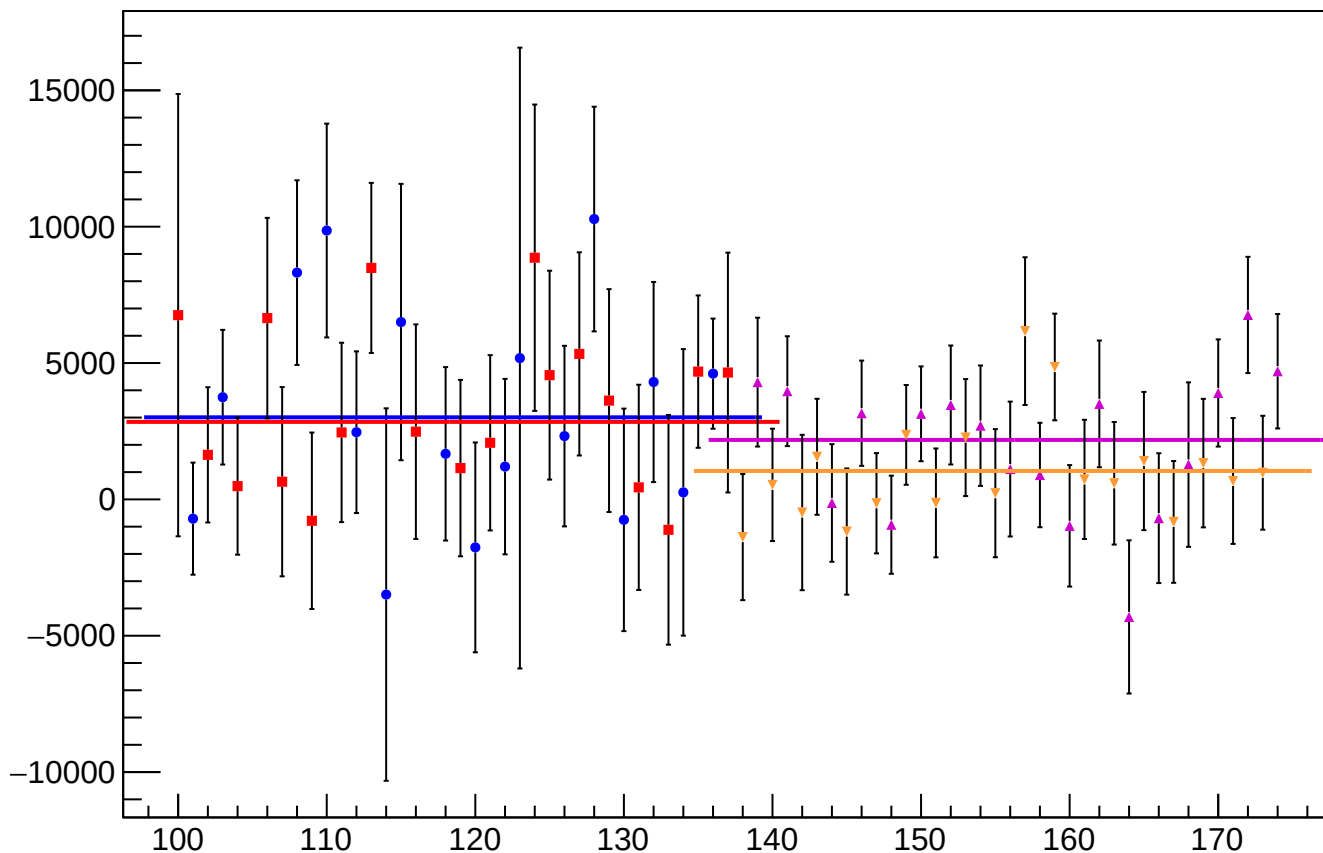
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1545.783 $\pm$ 0.244 χ^2 /NDF: 1518257.0/34

Out: 1551.962 $\pm$ 0.242 χ^2 /NDF: 1340849.5/37

All: 1548.901 $\pm$ 0.172 χ^2 /NDF: 2859429.6/72

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1041.995+/-502.759 χ^2/NDF : 12.4/18

Right Out: 2842.013+/-795.731 χ^2/NDF : 11.4/18

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

Left: 1607.892+/-356.619 χ^2/NDF : 38.3/36

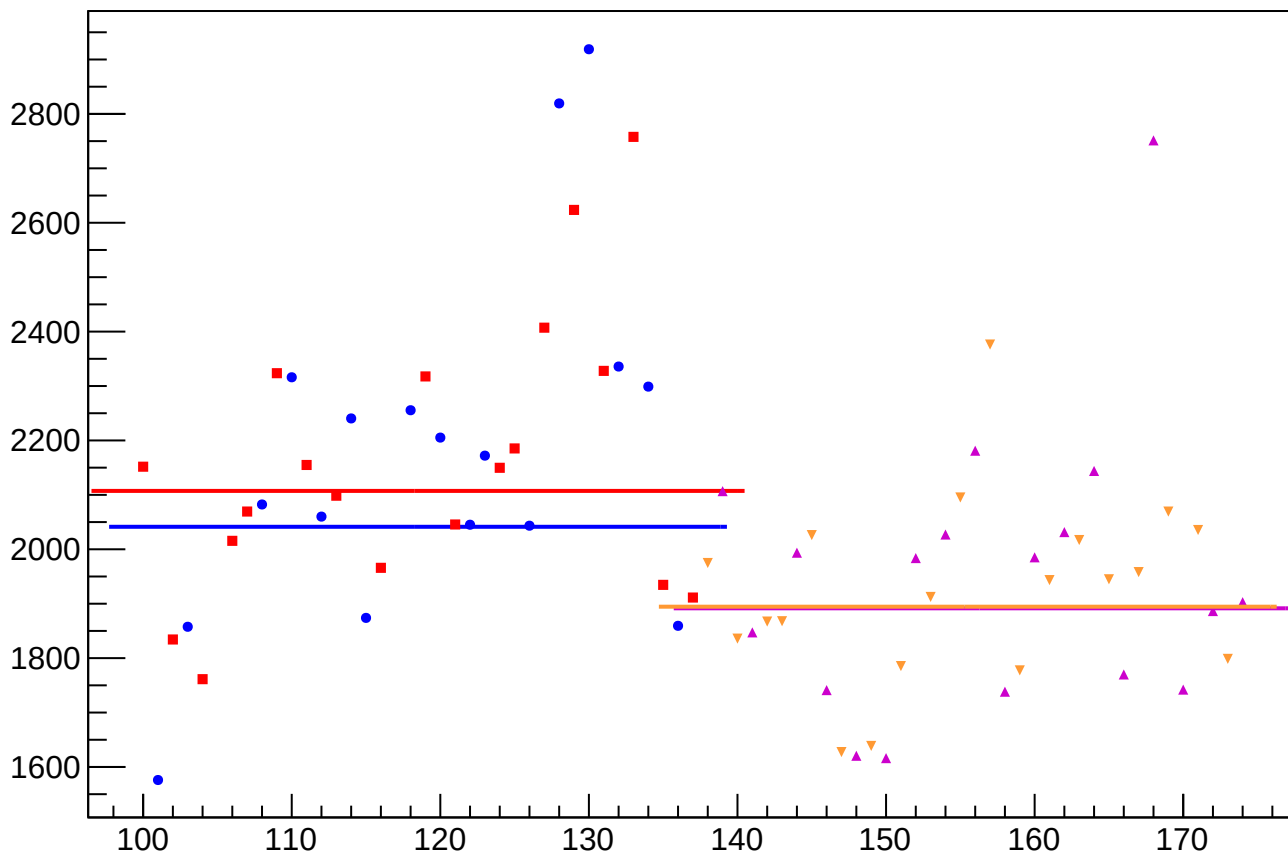
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

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

Out: 1555.548+/-425.031 χ^2/NDF : 27.5/37

All: 1984.089+/-301.426 χ^2/NDF : 71.0/72

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1894.526+/-0.356 χ^2/NDF : 215473.4/18

Right Out: 2107.277+/-0.563 χ^2/NDF : 196781.3/18

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

Left: 1893.040+/-0.252 χ^2/NDF : 602905.2/36

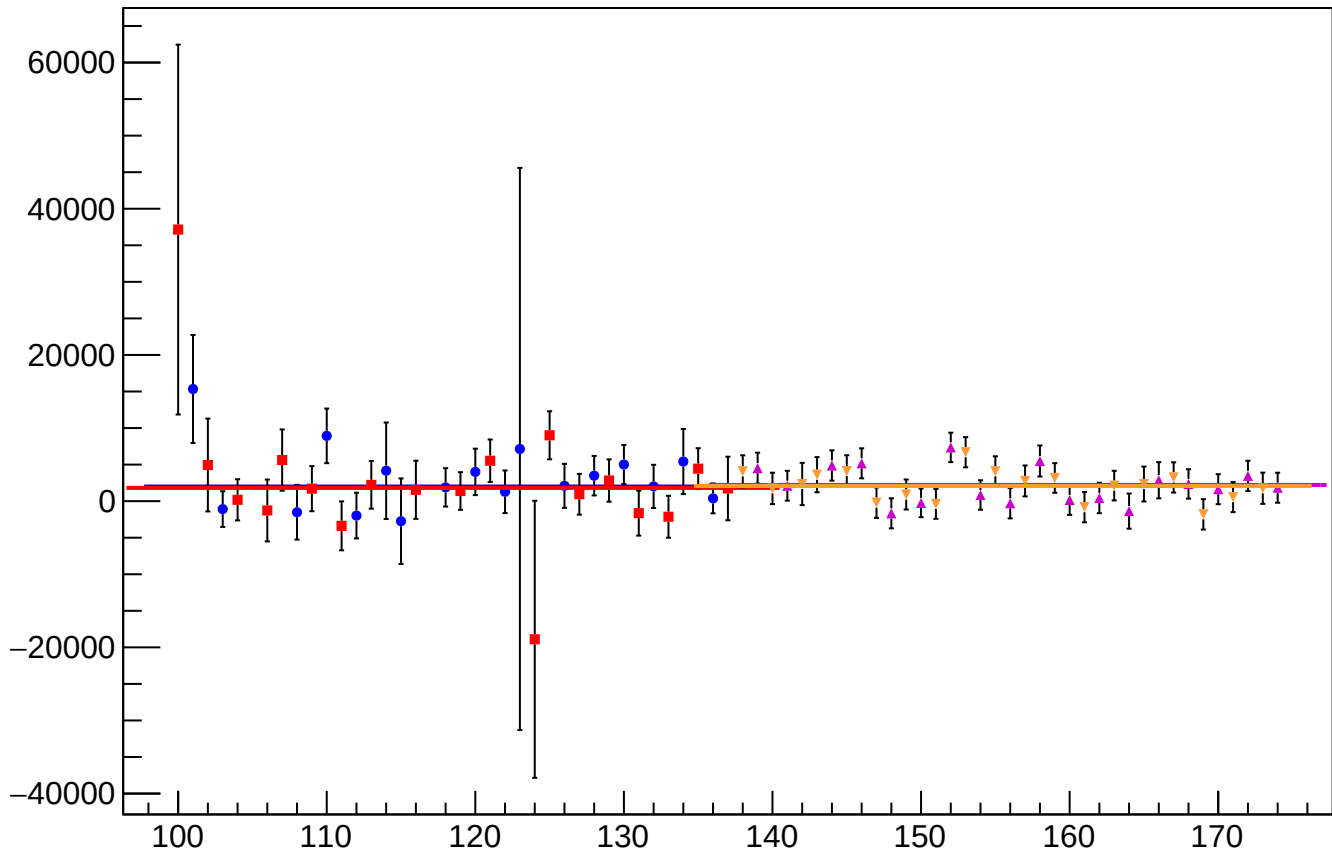
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

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

Out: 1955.225+/-0.301 χ^2/NDF : 514434.3/37

All: 1944.855+/-0.213 χ^2/NDF : 1292794.6/72

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2077.552+/-490.826 χ^2/NDF : 17.8/18

Right Out: 1815.578+/-781.463 χ^2/NDF : 18.2/18

Left In: 2216.962+/-491.293 χ^2/NDF : 25.4/17

Left: 2147.191+/-347.231 χ^2/NDF : 43.3/36

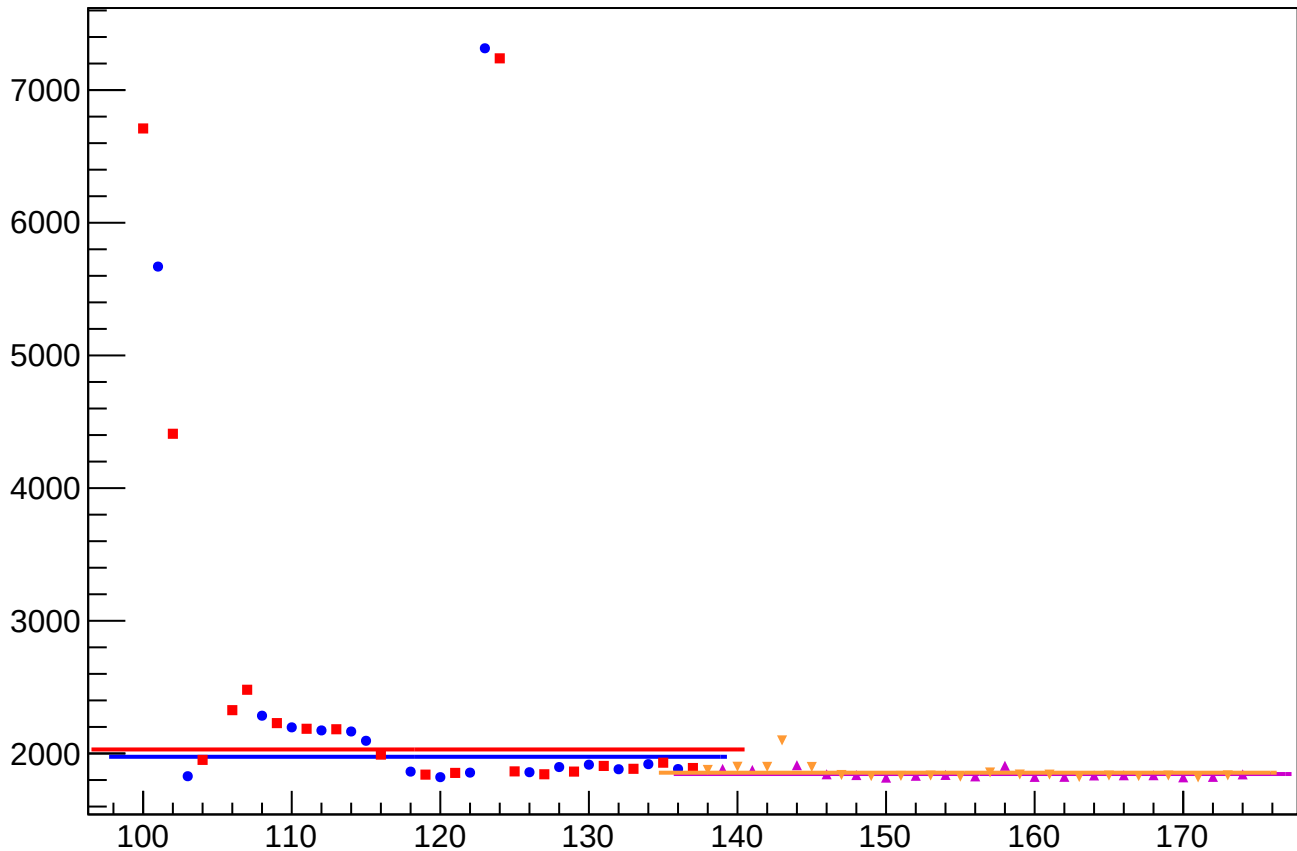
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2155.489+/-415.948 χ^2/NDF : 40.2/34

Out: 2003.442+/-415.642 χ^2/NDF : 36.2/37

All: 2079.409+/-294.011 χ^2/NDF : 76.5/72

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1855.154+/-0.347 χ^2/NDF : 26414.7/18

Right Out: 2030.342+/-0.553 χ^2/NDF : 603923.5/18

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

Left: 1850.182+/-0.246 χ^2/NDF : 33423.1/36

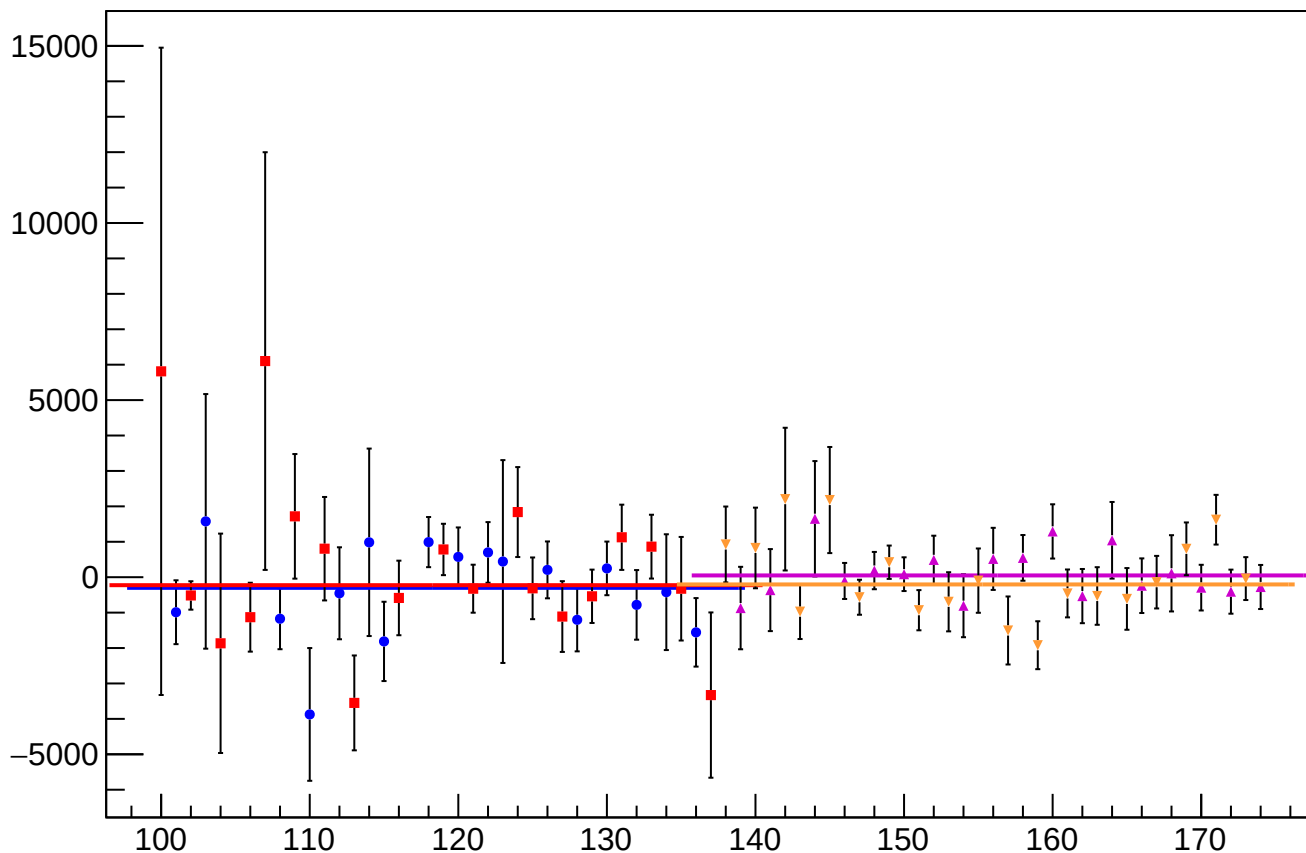
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1904.714+/-0.294 χ^2/NDF : 702417.3/37

All: 1893.361+/-0.208 χ^2/NDF : 1351434.9/72

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -204.276 ± 168.930 $\chi^2/\text{NDF}: 28.7/18$

Right Out: -225.432 ± 215.564 $\chi^2/\text{NDF}: 22.2/18$

Left In: 49.852 ± 168.455 $\chi^2/\text{NDF}: 9.4/17$

Left: -76.854 ± 119.283 $\chi^2/\text{NDF}: 39.2/36$

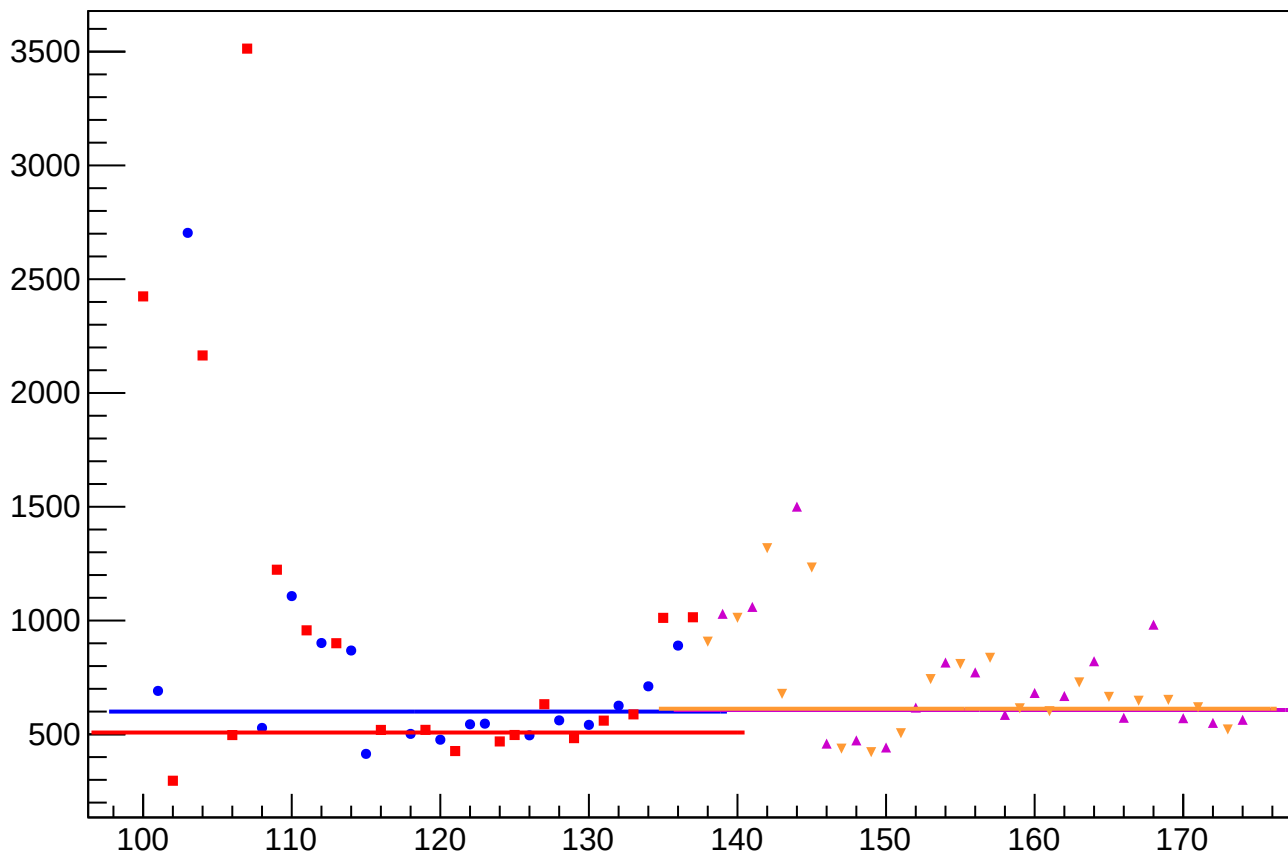
Right: -257.724 ± 162.302 $\chi^2/\text{NDF}: 39.6/35$

In: -61.447 ± 139.101 $\chi^2/\text{NDF}: 28.1/34$

Out: -212.325 ± 132.965 $\chi^2/\text{NDF}: 50.9/37$

All: -140.287 ± 96.116 $\chi^2/\text{NDF}: 79.6/72$

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 612.513 $\pm$ 0.119 χ^2 /NDF: 2008226.9/18

Right Out: 507.943 $\pm$ 0.152 χ^2 /NDF: 2848884.0/18

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

Left: 609.703 $\pm$ 0.084 χ^2 /NDF: 4290987.4/36

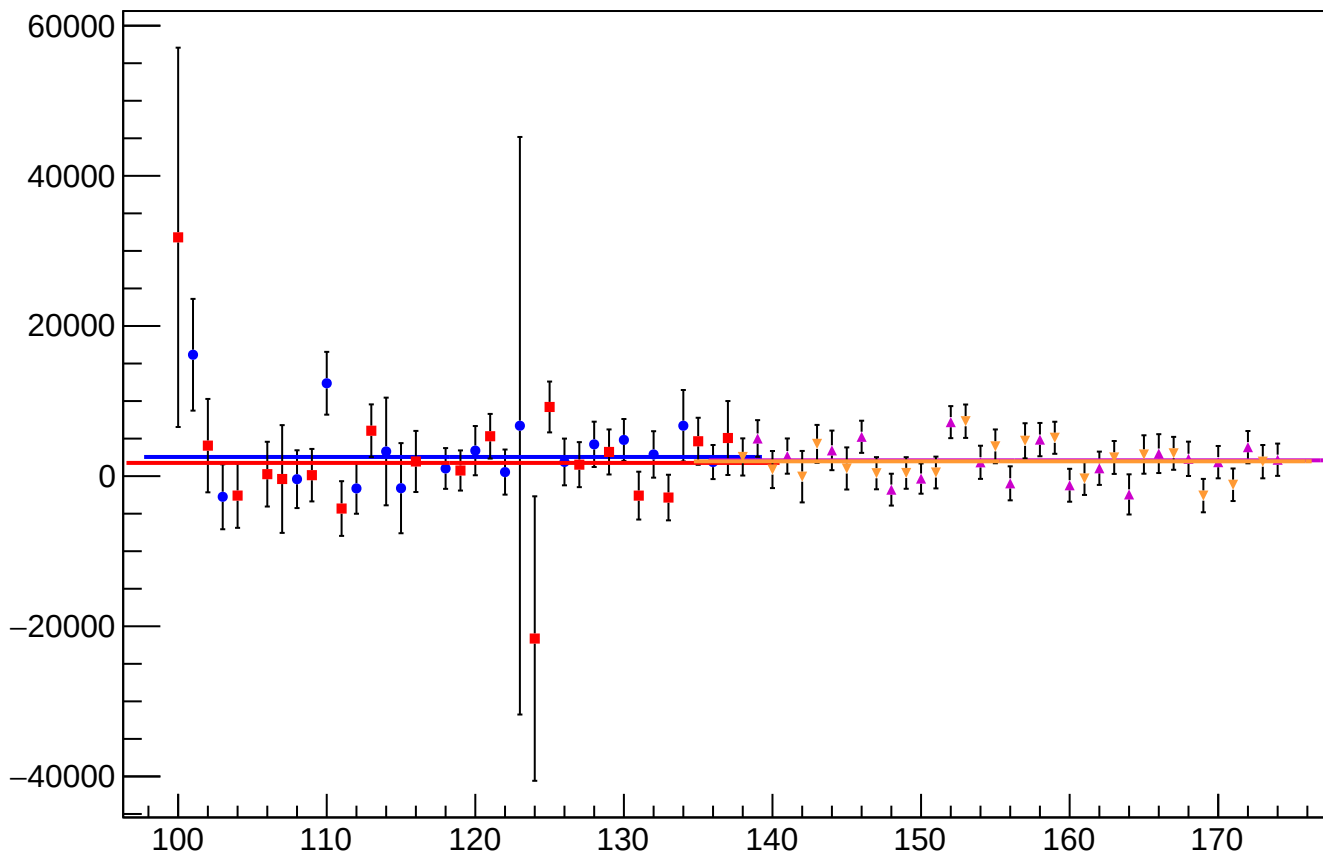
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

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

Out: 572.727 $\pm$ 0.094 χ^2 /NDF: 5148692.3/37

All: 587.991 $\pm$ 0.068 χ^2 /NDF: 8867679.7/72

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1976.752 $\pm$ 530.004 χ^2 /NDF:21.0/18

Right Out: 1761.499 $\pm$ 854.672 χ^2 /NDF: 20.9/18

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

Left: 2041.083 $\pm$ 375.244 χ^2 /NDF: 45.1/36

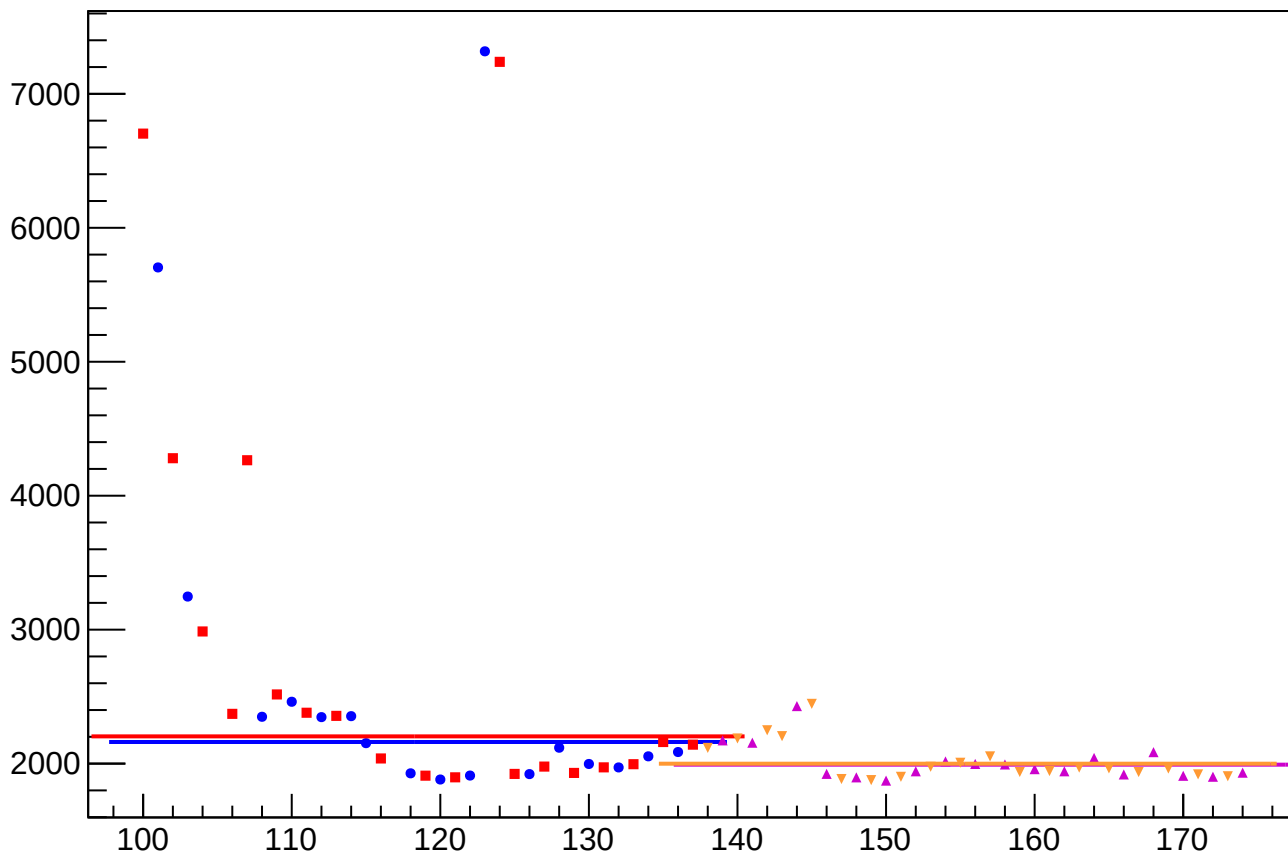
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 1916.966 $\pm$ 450.426 χ^2 /NDF:42.0/37

All: 2072.832 $\pm$ 319.009 χ^2 /NDF: 82.2/72

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1999.322 $\pm$ 0.375 χ^2 /NDF:120946.3/18

Right Out: 2203.343 $\pm$ 0.604 χ^2 /NDF: 797393.2/18

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

Left: 1995.709 $\pm$ 0.265 χ^2 /NDF: 226393.8/36

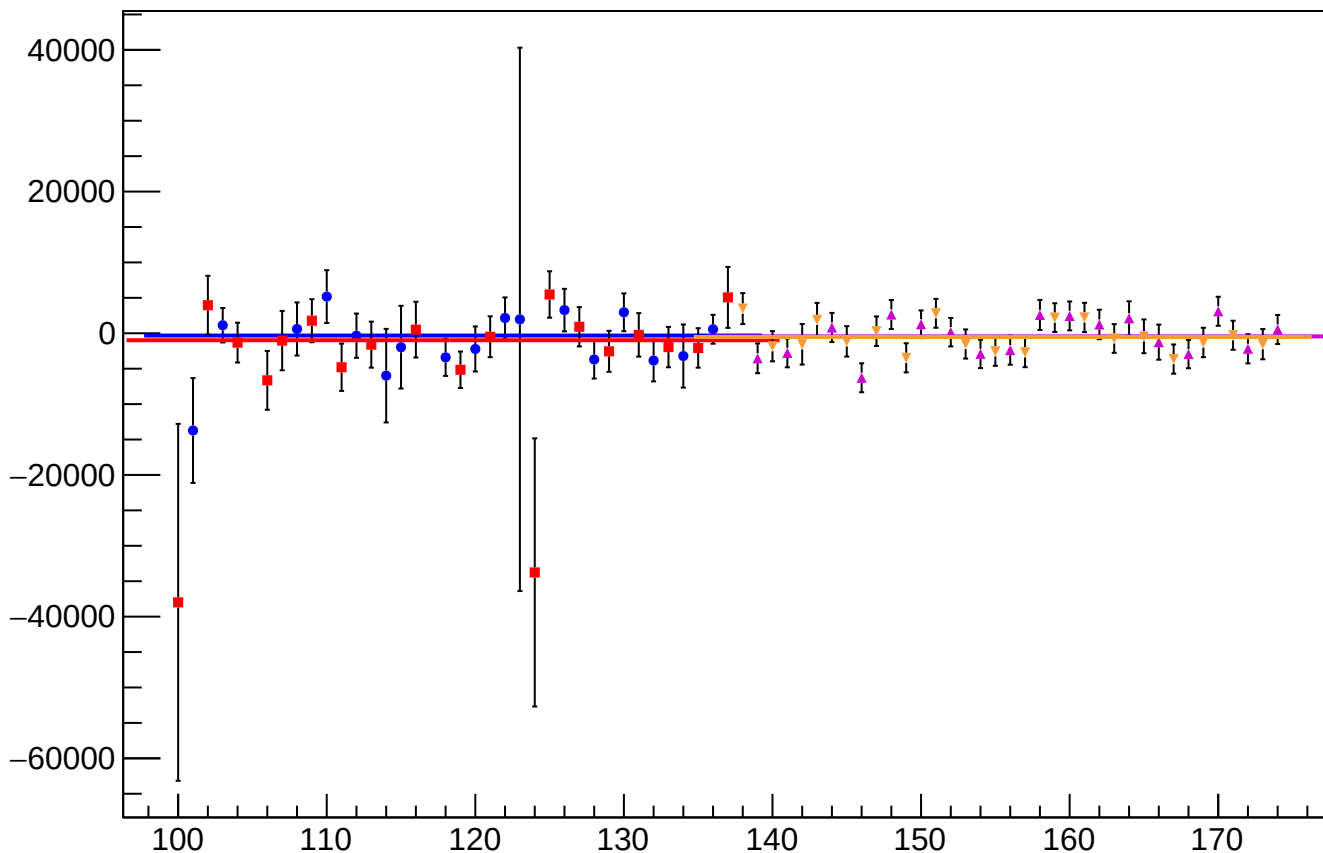
Right: 2182.484 $\pm$ 0.428 χ^2 /NDF: 1511040.8/35

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

Out: 2055.988 $\pm$ 0.318 χ^2 /NDF:1000653.2/37

All: 2047.495 $\pm$ 0.226 χ^2 /NDF: 1874819.3/72

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -529.109+/-489.466 χ^2/NDF : 18.4/18

Right Out: -985.900+/-769.924 χ^2/NDF : 20.4/18

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

Left: -484.405+/-346.372 χ^2/NDF : 47.3/36

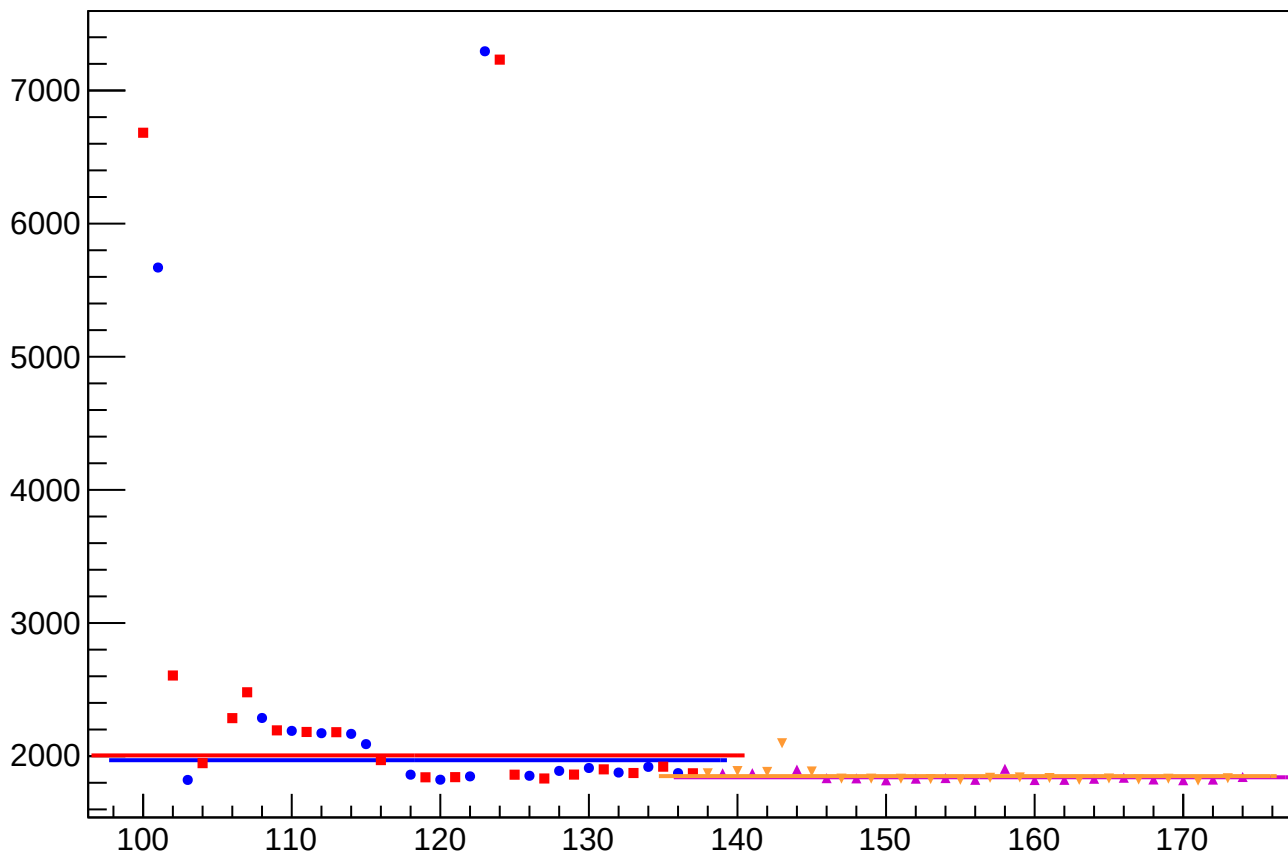
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -660.587+/-413.061 χ^2/NDF : 39.0/37

All: -534.250+/-292.755 χ^2/NDF : 83.9/72

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1850.093+/-0.346 χ^2/NDF : 25689.2/18

Right Out: 2005.551+/-0.544 χ^2/NDF : 359644.9/18

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

Left: 1845.670+/-0.245 χ^2/NDF : 31762.9/36

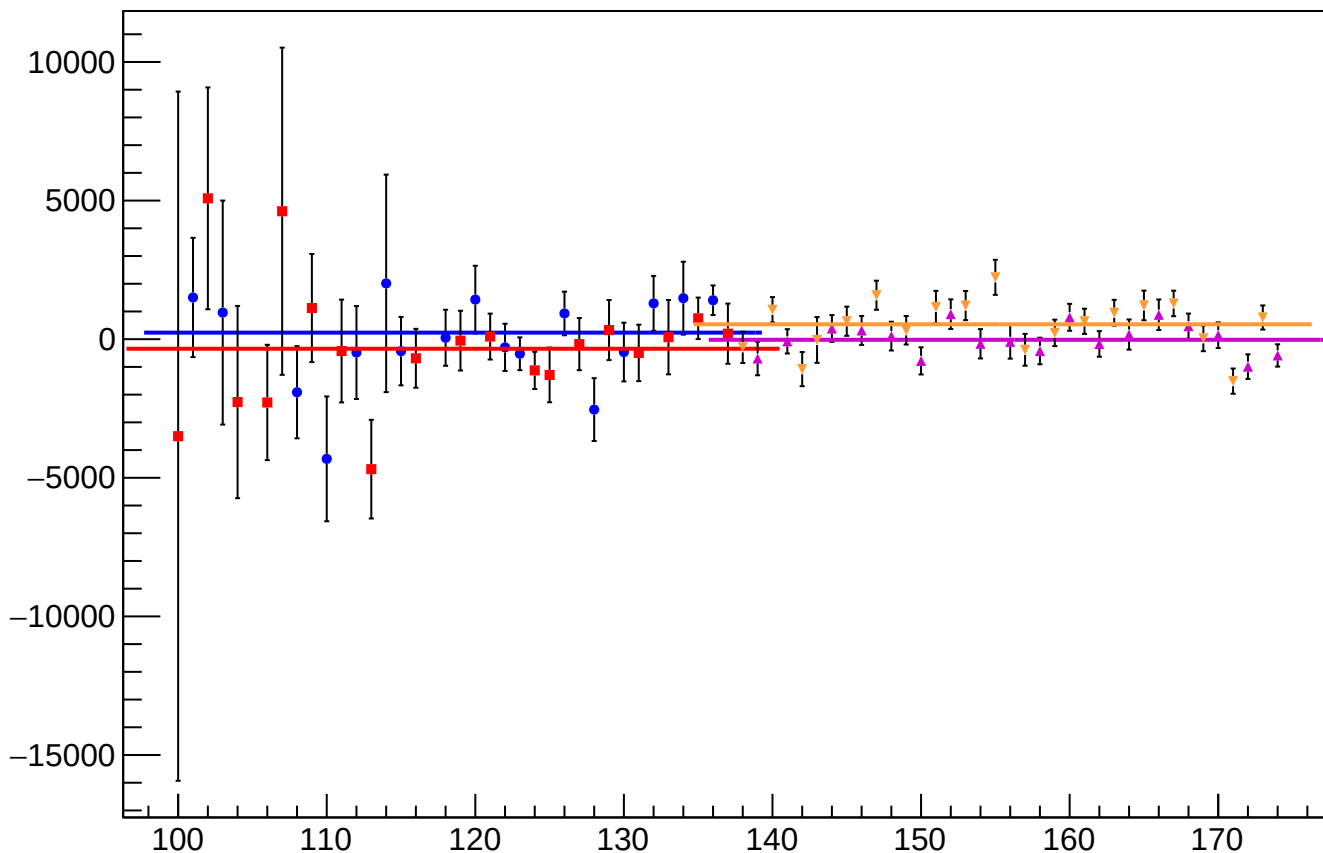
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1894.839+/-0.292 χ^2/NDF : 443403.3/37

All: 1886.251+/-0.207 χ^2/NDF : 1092498.4/72

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 537.603 $\pm$ 117.862 χ^2/NDF :55.0/18

Right Out: -344.268 $\pm$ 268.517 χ^2/NDF : 16.0/18

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

Left: 253.969 $\pm$ 82.697 χ^2/NDF : 88.7/36

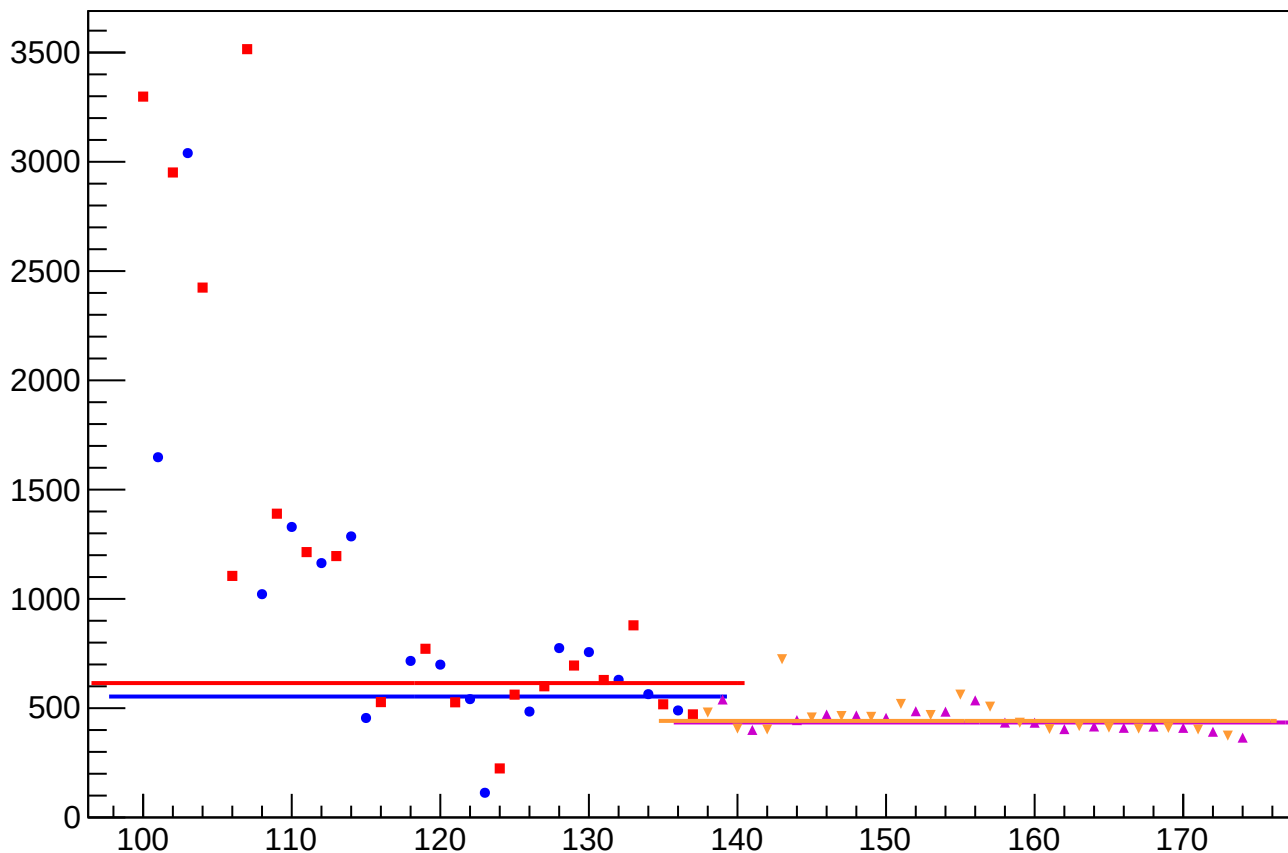
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

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

Out: 395.143 $\pm$ 107.923 χ^2/NDF :80.0/37

All: 205.329 $\pm$ 75.319 χ^2/NDF : 133.1/72

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 441.764+/-0.083 χ^2/NDF : 519007.4/18

Right Out: 614.829+/-0.190 χ^2/NDF : 3569607.7/18

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

Left: 438.088+/-0.058 χ^2/NDF : 810285.3/36

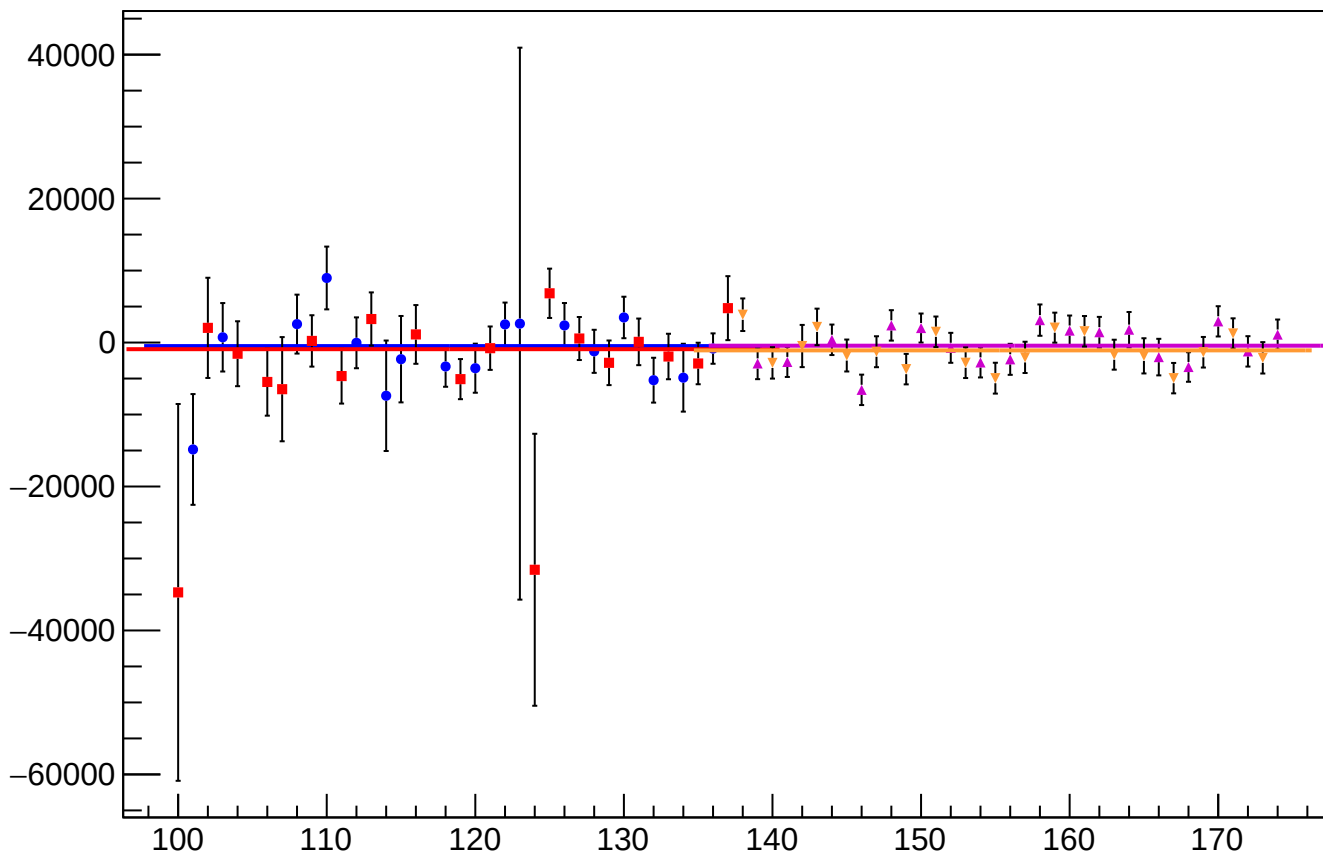
Right: 581.688+/-0.129 χ^2/NDF : 7038937.4/35

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

Out: 469.721+/-0.076 χ^2/NDF : 4785222.3/37

All: 462.568+/-0.053 χ^2/NDF : 8877258.5/72

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1086.044 ± 504.716 χ^2/NDF : 23.2/18

Right Out: -921.907 ± 868.662 χ^2/NDF : 18.9/18

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

Left: -761.654 ± 356.800 χ^2/NDF : 51.3/36

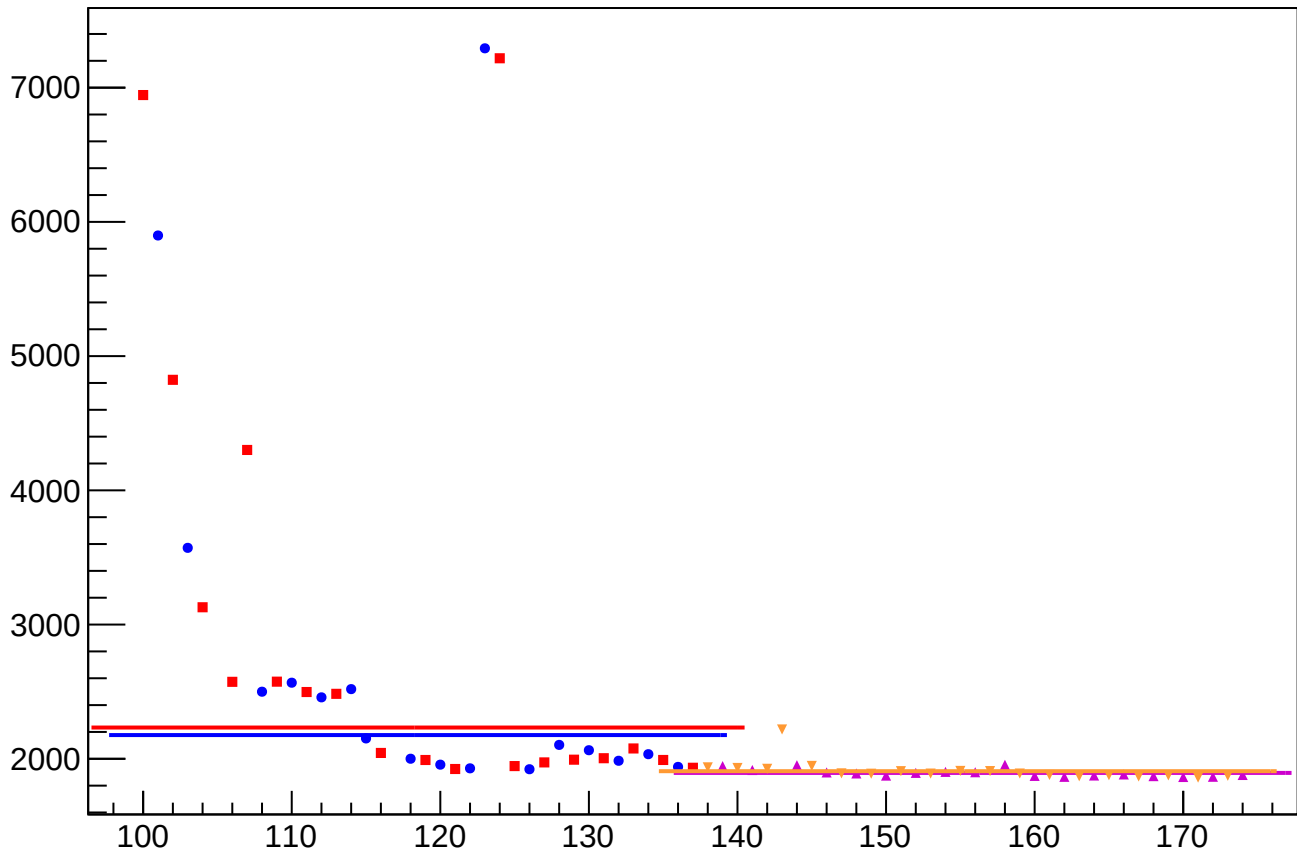
Right: -706.757 ± 613.998 χ^2/NDF : 37.6/35

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

Out: -1044.618 ± 436.400 χ^2/NDF : 42.1/37

All: -747.795 ± 308.494 χ^2/NDF : 89.0/72

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.602 $\pm$ 0.357 χ^2 /NDF: 35769.7/18

Right Out: 2232.883 $\pm$ 0.614 χ^2 /NDF: 890552.7/18

Left In: 1894.880 $\pm$ 0.357 χ^2 /NDF: 6493.7/17

Left: 1901.238 $\pm$ 0.252 χ^2 /NDF: 42899.2/36

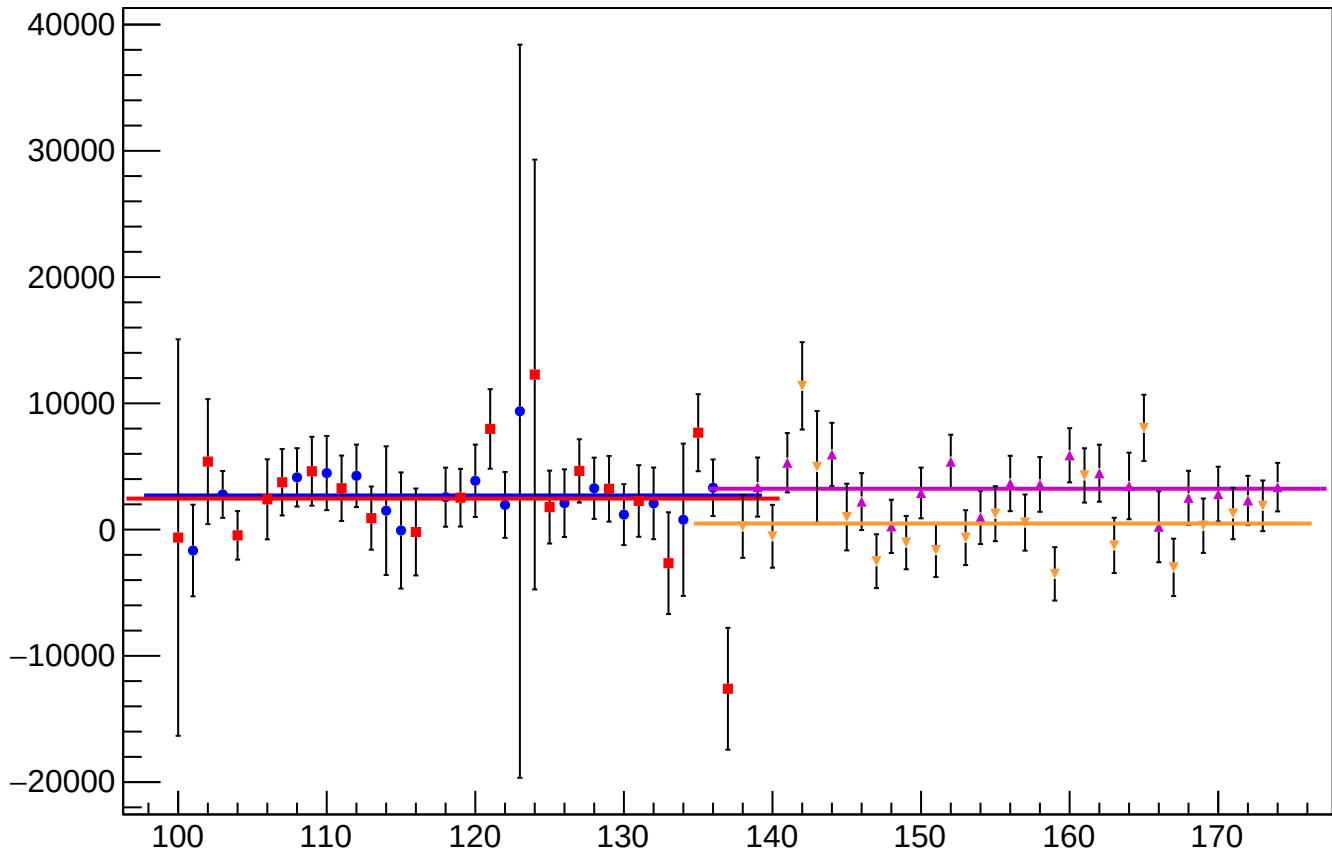
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

In: 1966.049 $\pm$ 0.308 χ^2 /NDF: 966825.6/34

Out: 1989.700 $\pm$ 0.309 χ^2 /NDF: 1135986.5/37

All: 1977.868 $\pm$ 0.218 χ^2 /NDF: 2105750.8/72

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 482.720 $\pm$ 528.503 χ^2 /NDF:33.6/18

Right Out: 2458.734 $\pm$ 682.630 χ^2 /NDF: 23.2/18

Left In: 3237.253 $\pm$ 519.541 χ^2 /NDF:9.8/17

Left: 1883.540 $\pm$ 370.499 χ^2 /NDF: 57.2/36

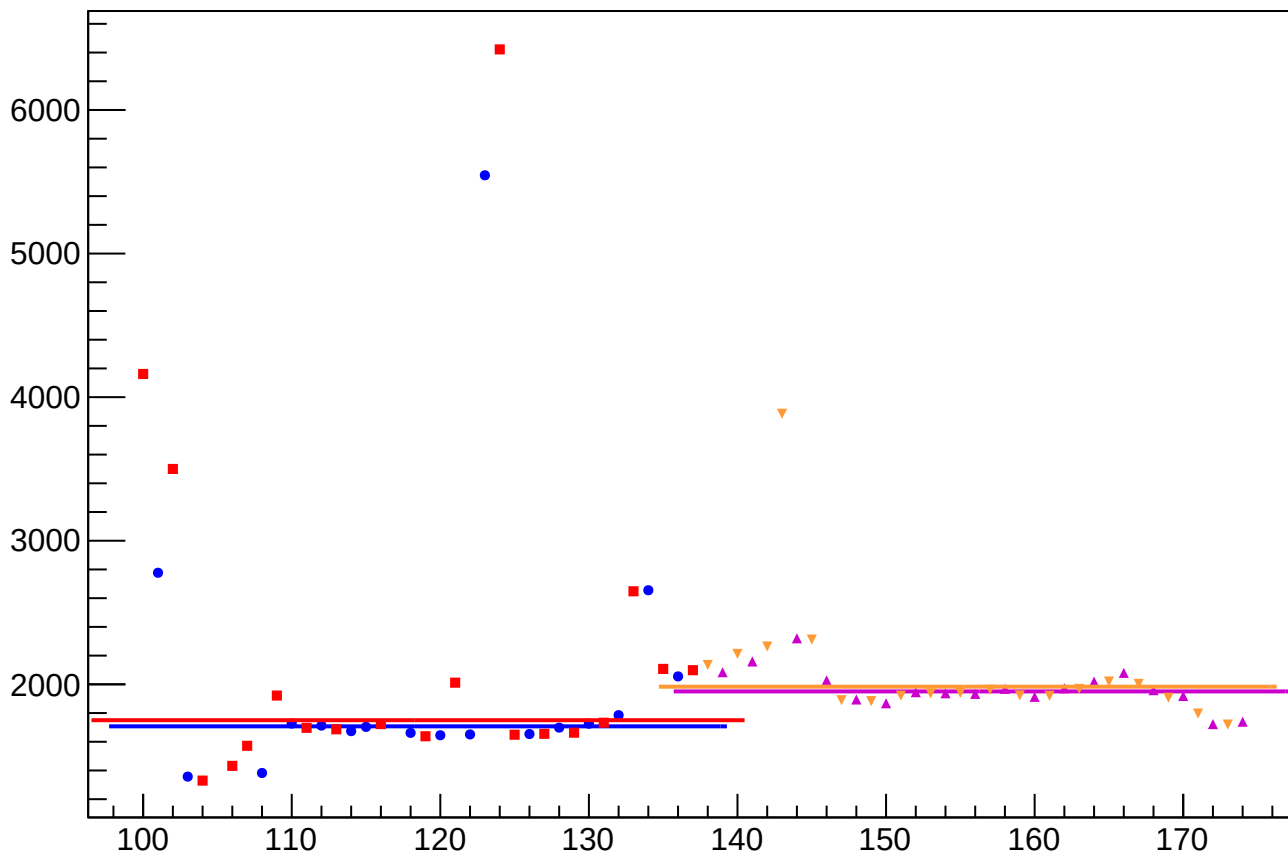
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 3038.278 $\pm$ 411.459 χ^2 /NDF:14.2/34

Out: 1223.269 $\pm$ 417.895 χ^2 /NDF:62.1/37

All: 2144.859 $\pm$ 293.194 χ^2 /NDF: 85.9/72

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1983.536+/-0.374 χ^2/NDF : 508022.3/18

Right Out: 1750.114+/-0.483 χ^2/NDF : 746498.0/18

Left In: 1950.603+/-0.367 χ^2/NDF : 131508.9/17

Left: 1966.788+/-0.262 χ^2/NDF : 643480.5/36

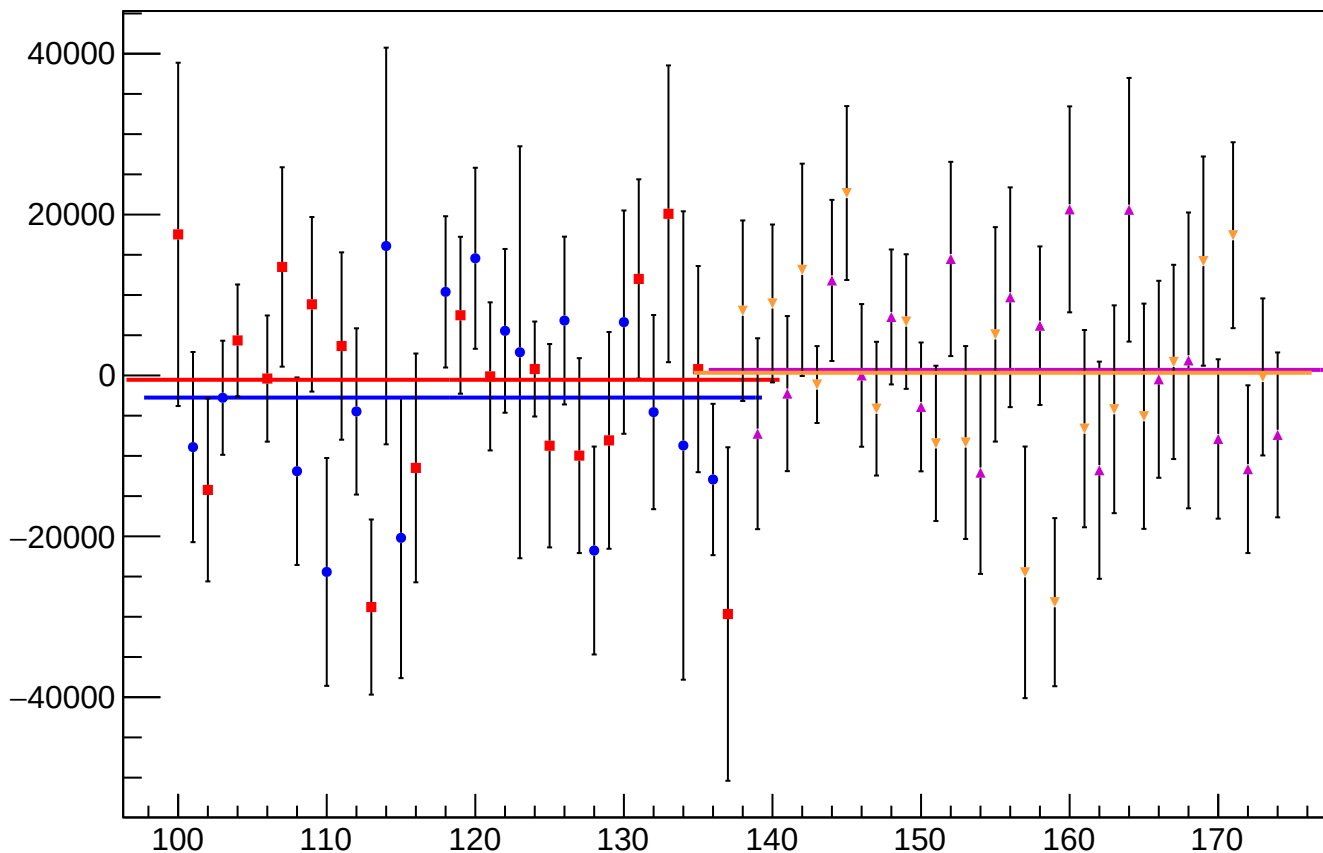
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

In: 1859.934+/-0.291 χ^2/NDF : 717071.9/34

Out: 1896.027+/-0.295 χ^2/NDF : 1400781.6/37

All: 1877.702+/-0.207 χ^2/NDF : 2125429.3/72

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 335.751+/-2292.929 χ^2/NDF : 22.8/18

Right Out: -538.445+/-2424.977 χ^2/NDF : 18.5/18

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

Left: 494.308+/-1706.951 χ^2/NDF : 36.2/36

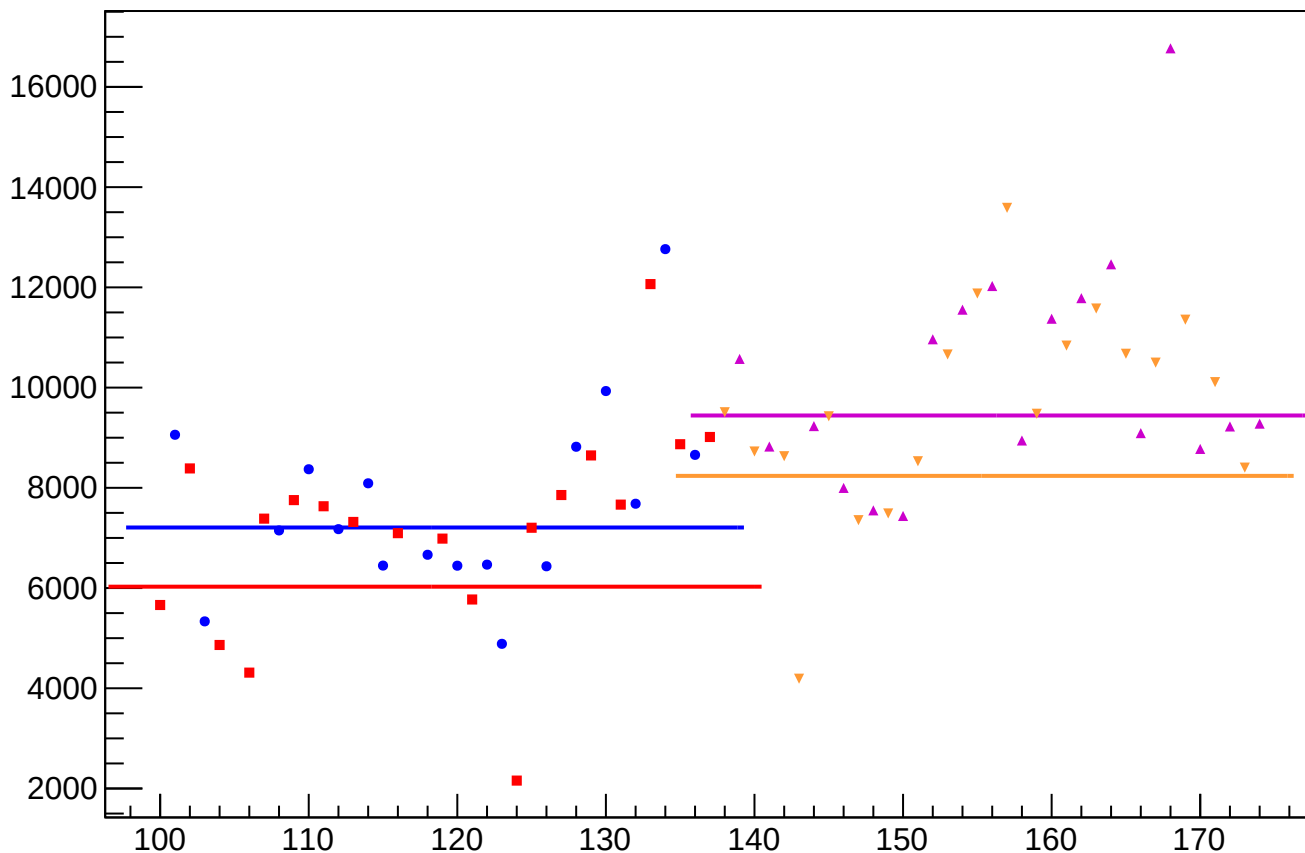
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: -76.898+/-1666.073 χ^2/NDF : 41.3/37

All: -411.879+/-1252.905 χ^2/NDF : 70.2/72

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8238.444+/-1.621 χ^2/NDF : 2545777.7/18

Right Out: 6027.409+/-1.715 χ^2/NDF : 1798157.6/18

Left In: 9443.438+/-1.808 χ^2/NDF : 975213.5/17

Left: 8775.640+/-1.207 χ^2/NDF : 3767235.4/36

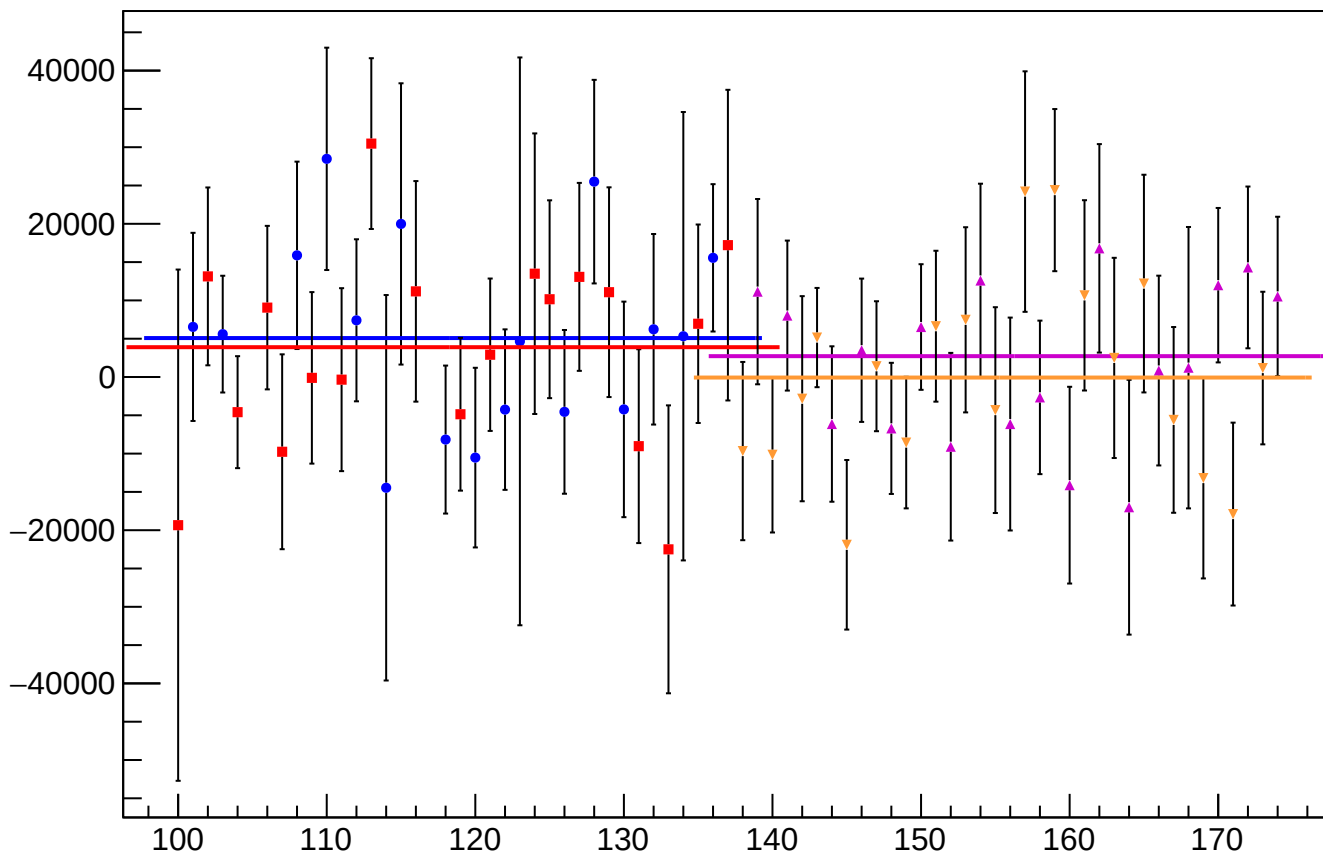
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8443.917+/-1.344 χ^2/NDF : 2152596.4/34

Out: 7194.762+/-1.178 χ^2/NDF : 5221769.0/37

All: 7737.495+/-0.886 χ^2/NDF : 7862842.6/72

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -70.374+/-2463.299 χ^2/NDF : 20.9/18

Right Out: 3892.007+/-2790.271 χ^2/NDF : 15.7/18

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

Left: 1248.821+/-1789.134 χ^2/NDF : 33.6/36

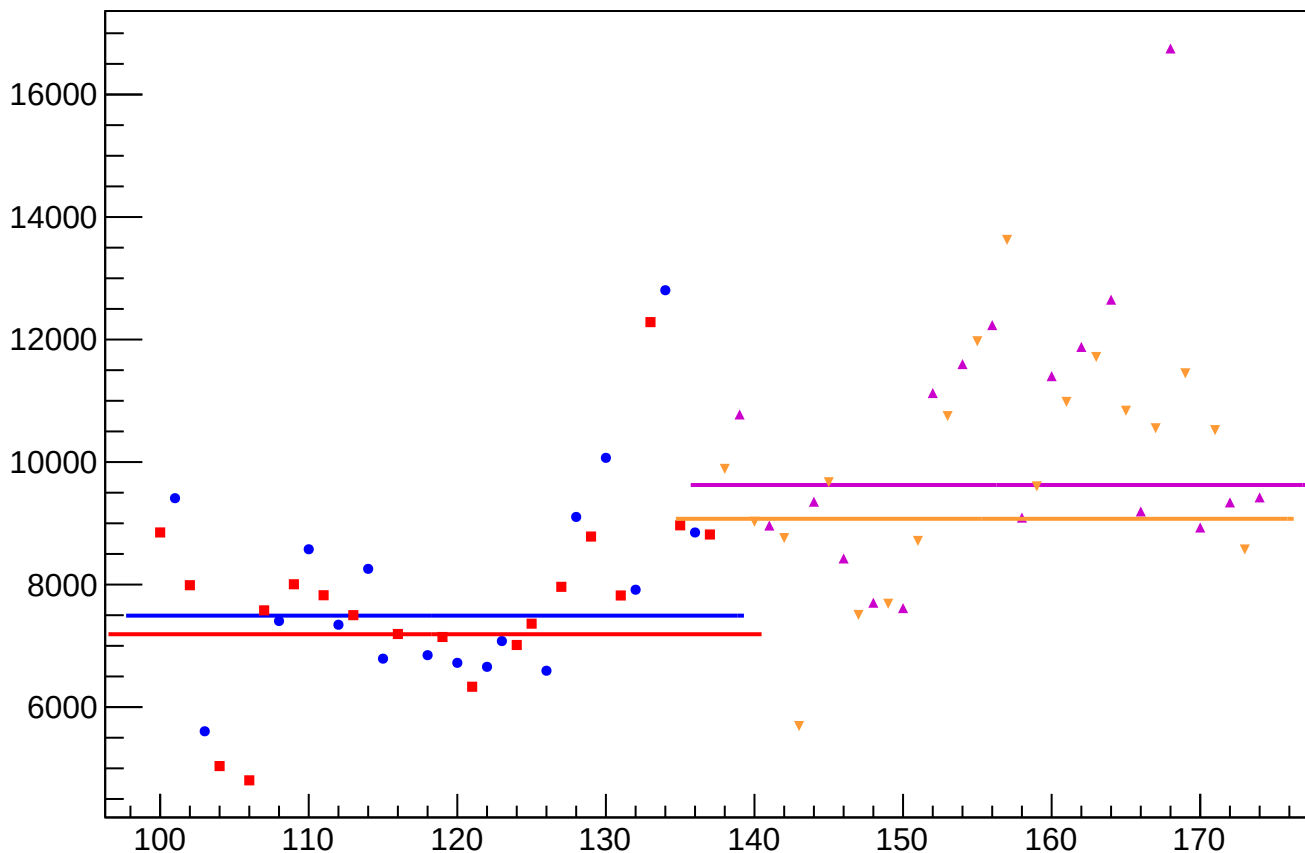
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

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

Out: 1665.157+/-1846.649 χ^2/NDF : 37.7/37

All: 2651.016+/-1341.893 χ^2/NDF : 64.7/72

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9073.849 $\pm$ 1.742 χ^2 /NDF:1279688.7/18

Right Out: 7189.504 $\pm$ 1.973 χ^2 /NDF: 560893.8/18

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

Left: 9334.651 $\pm$ 1.265 χ^2 /NDF: 2239120.8/36

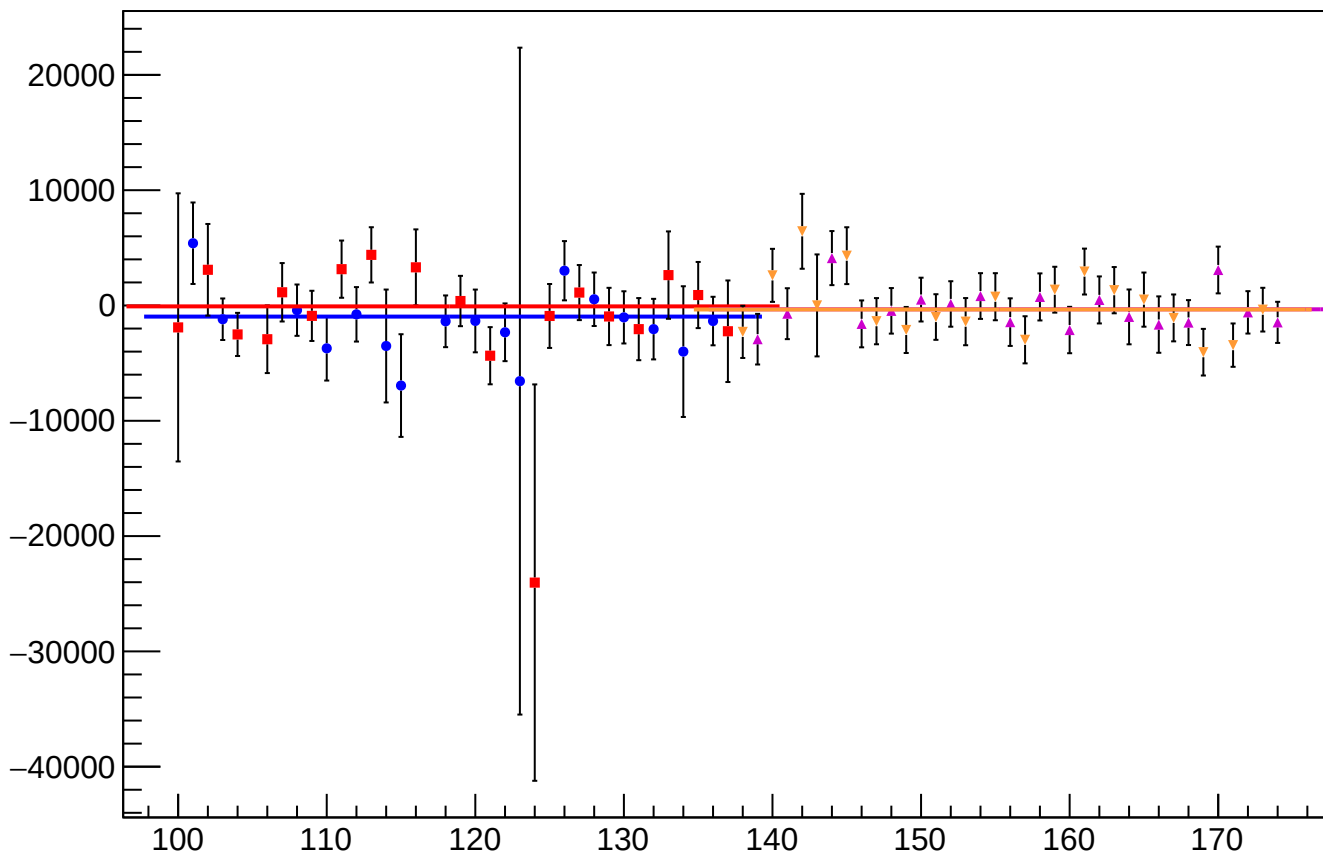
Right: 7332.491 $\pm$ 1.434 χ^2 /NDF: 1009125.7/35

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

Out: 8248.383 $\pm$ 1.306 χ^2 /NDF:2353273.1/37

All: 8458.699 $\pm$ 0.949 χ^2 /NDF: 4344026.6/72

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -345.961 $\pm$ 490.807 χ^2 /NDF:24.2/18

Right Out: -76.747 $\pm$ 633.483 χ^2 /NDF: 16.7/18

Left In: -330.375 $\pm$ 482.008 χ^2 /NDF:11.5/17

Left: -338.027 $\pm$ 343.900 χ^2 /NDF: 35.7/36

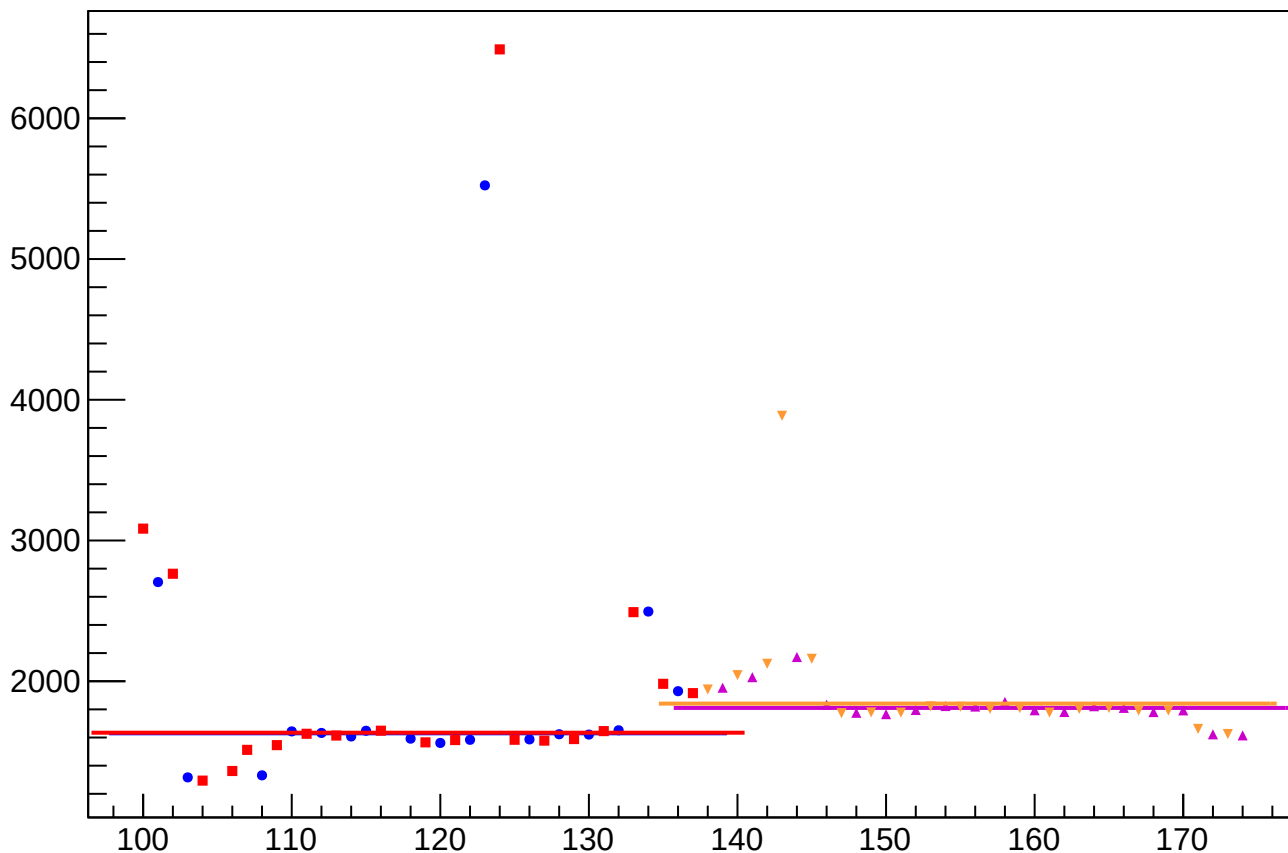
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

In: -557.797 $\pm$ 385.681 χ^2 /NDF:22.2/34

Out: -244.977 $\pm$ 387.984 χ^2 /NDF:41.1/37

All: -402.318 $\pm$ 273.528 χ^2 /NDF: 63.6/72

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1840.890 ± 0.347 $\chi^2/\text{NDF}: 553283.6/18$

Right Out: 1634.258 ± 0.448 $\chi^2/\text{NDF}: 588649.4/18$

Left In: 1810.289 ± 0.341 $\chi^2/\text{NDF}: 124811.1/17$

Left: 1825.313 ± 0.243 $\chi^2/\text{NDF}: 682052.6/36$

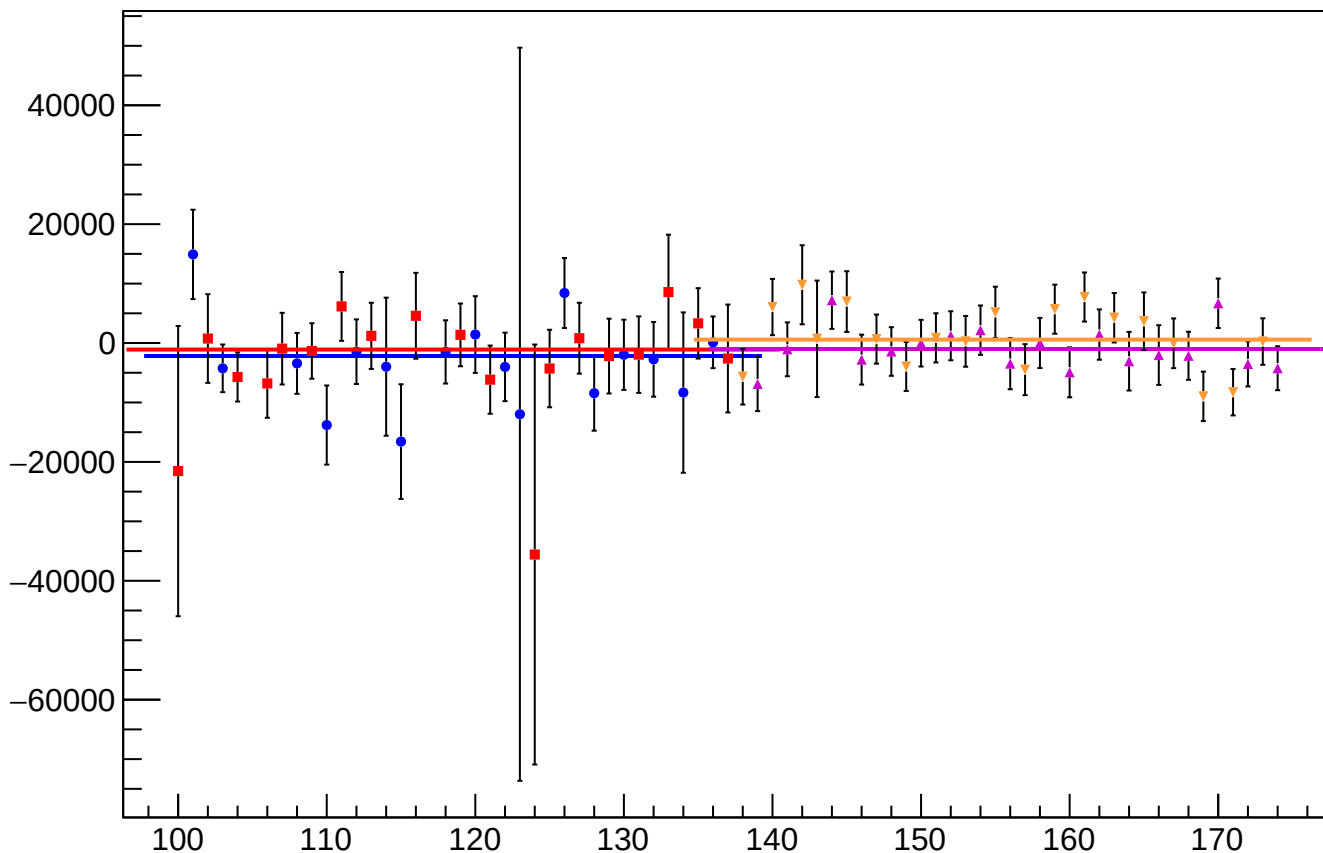
Right: 1632.138 ± 0.319 $\chi^2/\text{NDF}: 996846.6/35$

In: 1745.413 ± 0.273 $\chi^2/\text{NDF}: 633675.2/34$

Out: 1763.381 ± 0.274 $\chi^2/\text{NDF}: 1274906.2/37$

All: 1754.343 ± 0.193 $\chi^2/\text{NDF}: 1910738.8/72$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 574.041+/-1018.262 χ^2/NDF :26.5/18

Right Out: -1098.345+/-1439.820 χ^2/NDF : 9.3/18

Left In: -1006.309+/-998.697 χ^2/NDF :12.2/17

Left: -231.462+/-713.002 χ^2/NDF : 39.9/36

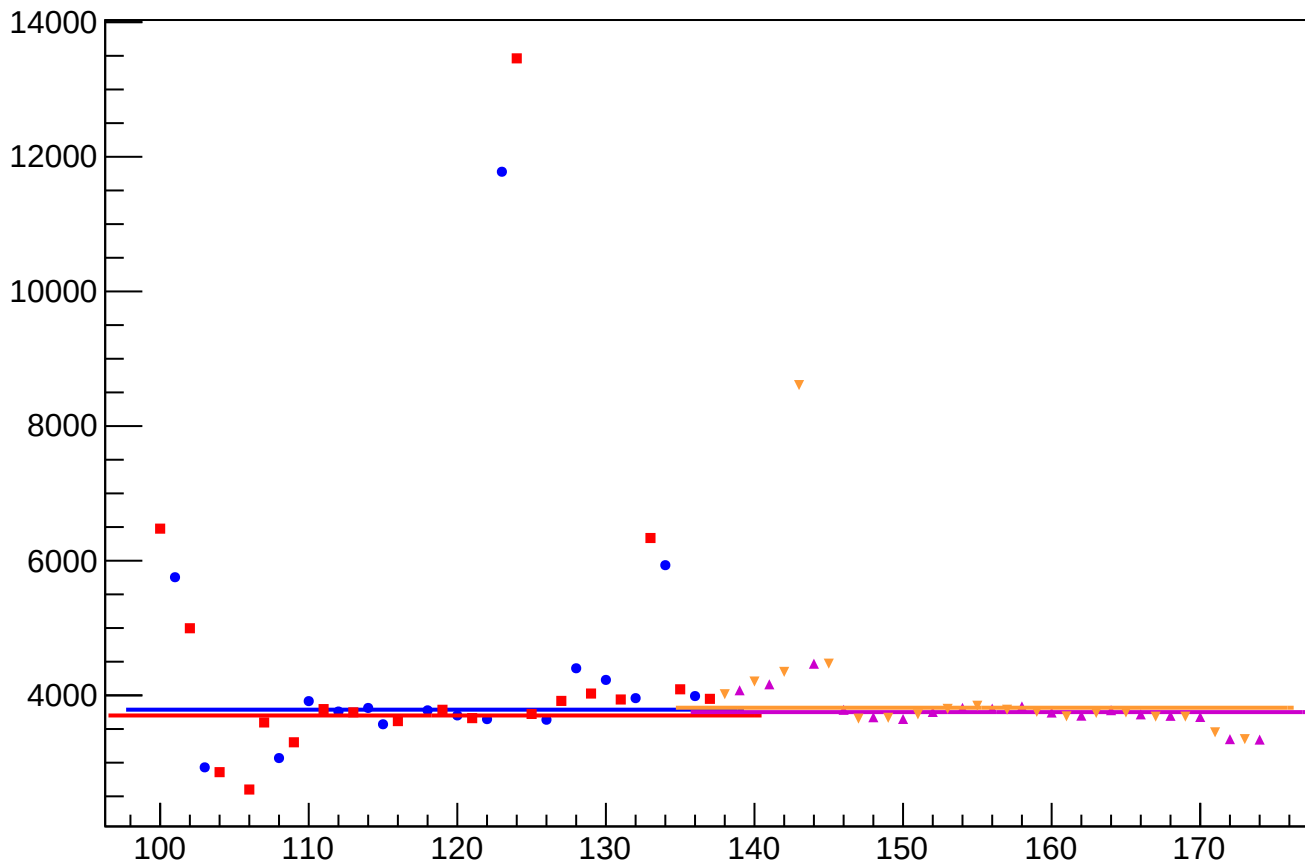
Right: -1619.192+/-1036.406 χ^2/NDF : 25.5/35

In: -1368.891+/-830.106 χ^2/NDF :28.6/34

Out: 16.466+/-831.365 χ^2/NDF :36.7/37

All: -677.262+/-587.418 χ^2/NDF : 66.7/72

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3816.289+/-0.720 χ^2/NDF : 602256.6/18

Right Out: 3700.932+/-1.018 χ^2/NDF : 581094.9/18

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

Left: 3783.050+/-0.504 χ^2/NDF : 729509.3/36

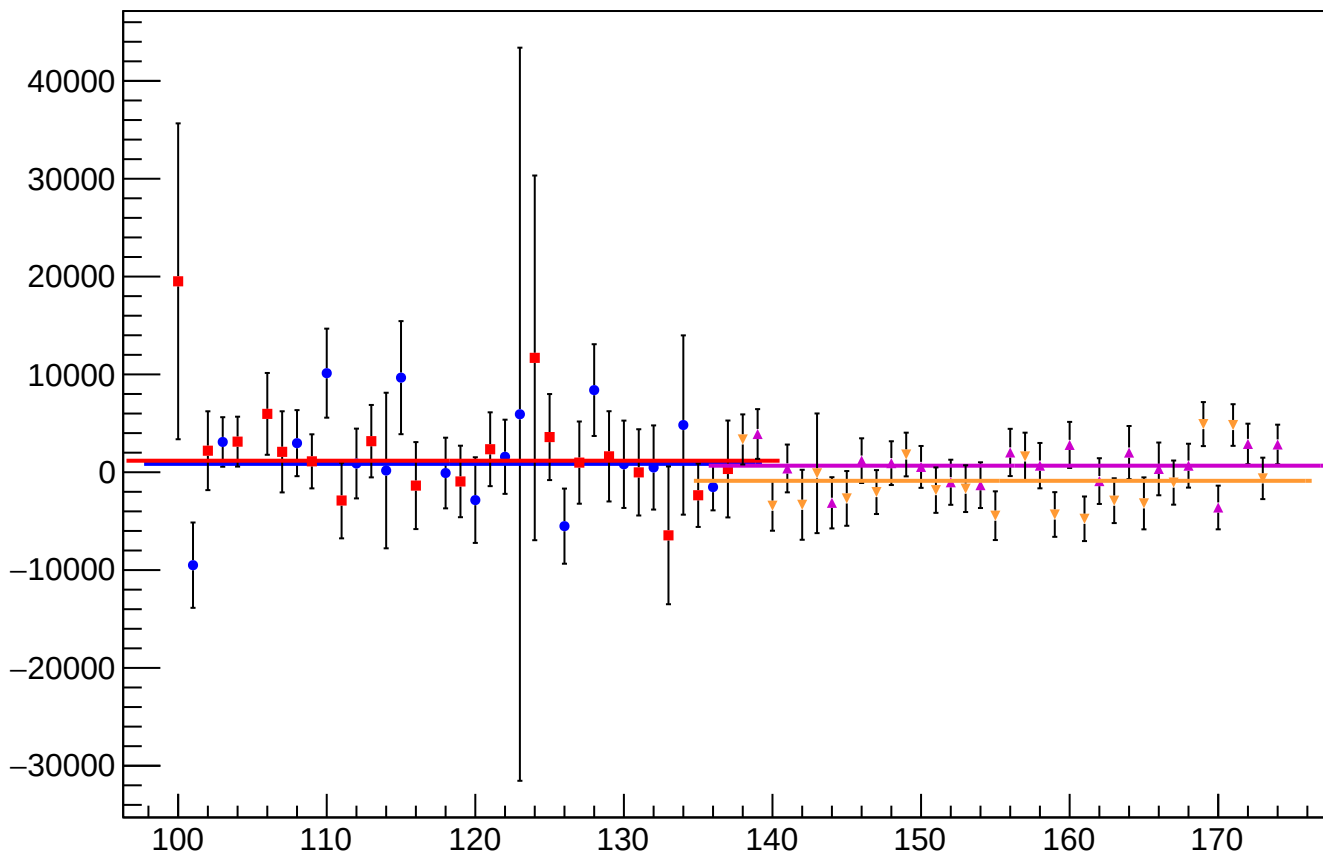
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

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

Out: 3777.828+/-0.588 χ^2/NDF : 1191909.6/37

All: 3770.039+/-0.415 χ^2/NDF : 1708796.0/72

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 856.187 $\pm$ 964.743 χ^2 /NDF: 20.7/16

Left Out: -876.443 $\pm$ 560.460 χ^2 /NDF:30.3/18

Right Out: 1178.044 $\pm$ 925.669 χ^2 /NDF: 8.6/18

Left In: 669.484 $\pm$ 548.648 χ^2 /NDF:12.9/17

Left: -87.018 $\pm$ 392.062 χ^2 /NDF: 47.0/36

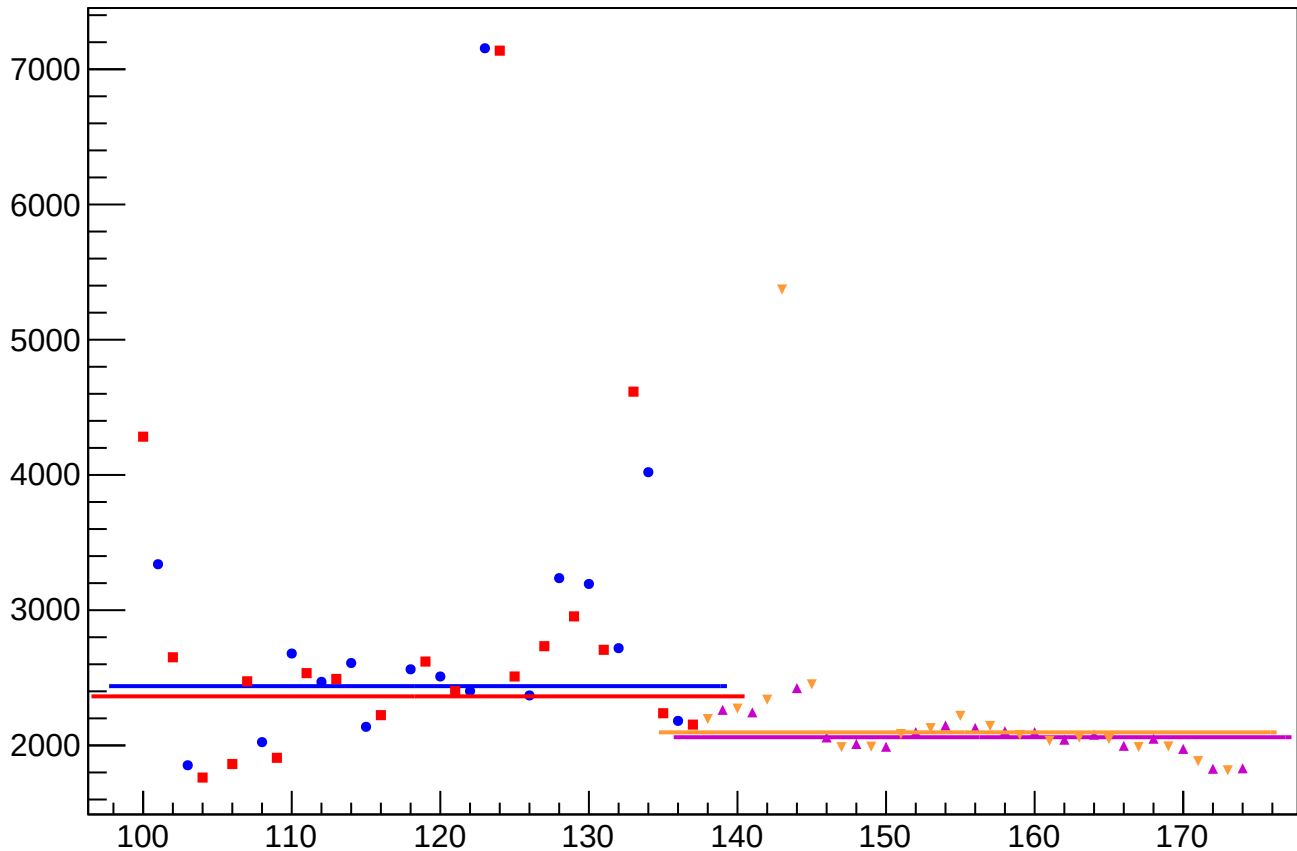
Right: 1023.765 $\pm$ 667.934 χ^2 /NDF: 29.3/35

In: 715.110 $\pm$ 476.920 χ^2 /NDF:33.6/34

Out: -325.327 $\pm$ 479.431 χ^2 /NDF:42.4/37

All: 197.623 $\pm$ 338.118 χ^2 /NDF: 78.4/72

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2096.636 $\pm$ 0.396 χ^2 /NDF: 709454.4/18

Right Out: 2362.739 $\pm$ 0.655 χ^2 /NDF: 657525.3/18

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

Left: 2078.229 $\pm$ 0.277 χ^2 /NDF: 841172.2/36

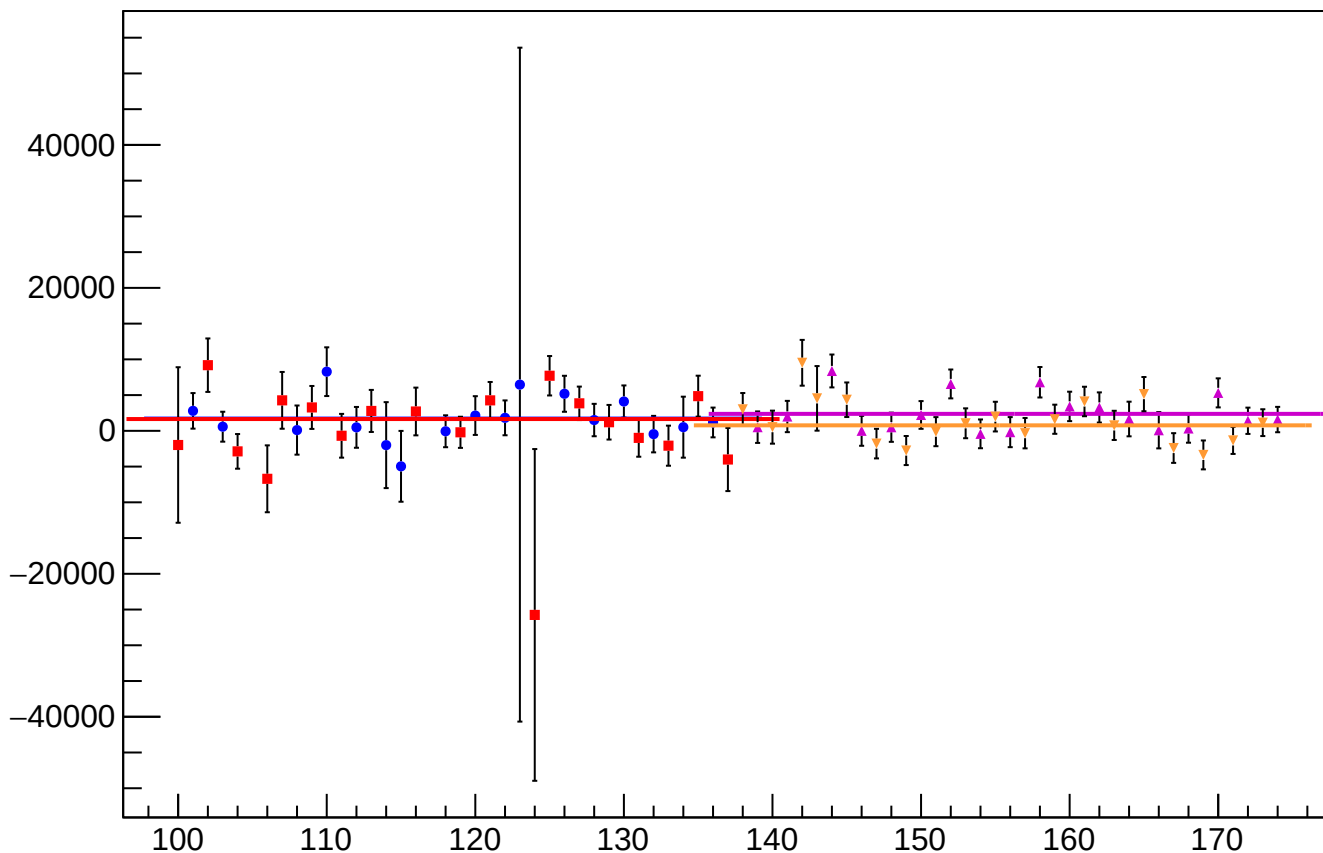
Right: 2398.946 $\pm$ 0.472 χ^2 /NDF: 1140632.3/35

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

Out: 2168.019 $\pm$ 0.339 χ^2 /NDF: 1487923.4/37

All: 2160.414 $\pm$ 0.239 χ^2 /NDF: 2324759.1/72

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 769.508+/-498.319 χ^2/NDF :30.6/18

Right Out: 1650.522+/-694.283 χ^2/NDF : 27.0/18

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

Left: 1586.048+/-349.296 χ^2/NDF : 62.5/36

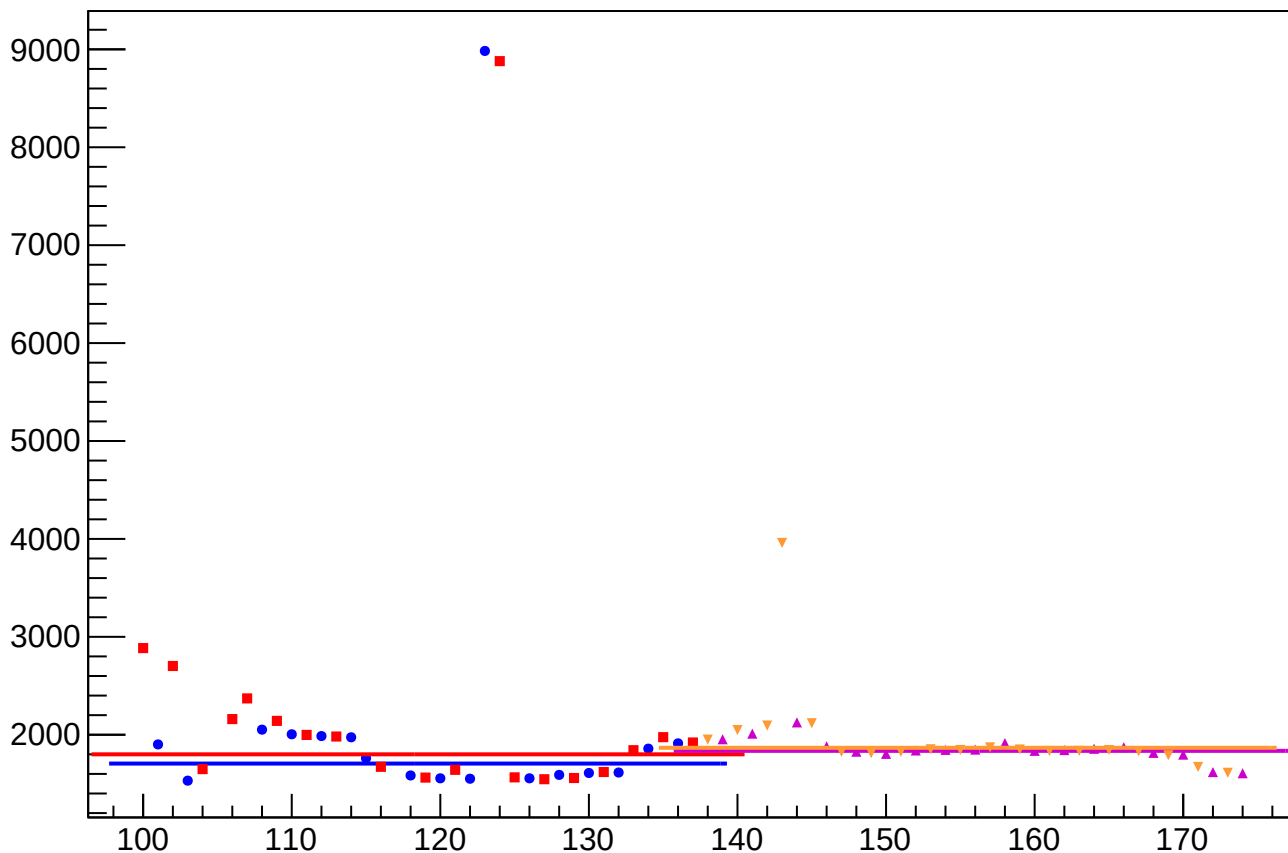
Right: 1682.780+/-481.052 χ^2/NDF : 38.3/35

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

Out: 1069.056+/-404.835 χ^2/NDF :58.6/37

All: 1619.442+/-282.645 χ^2/NDF : 100.9/72

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1866.826+/-0.352 χ^2/NDF : 542020.8/18

Right Out: 1799.992+/-0.490 χ^2/NDF : 538779.9/18

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

Left: 1850.931+/-0.247 χ^2/NDF : 663680.5/36

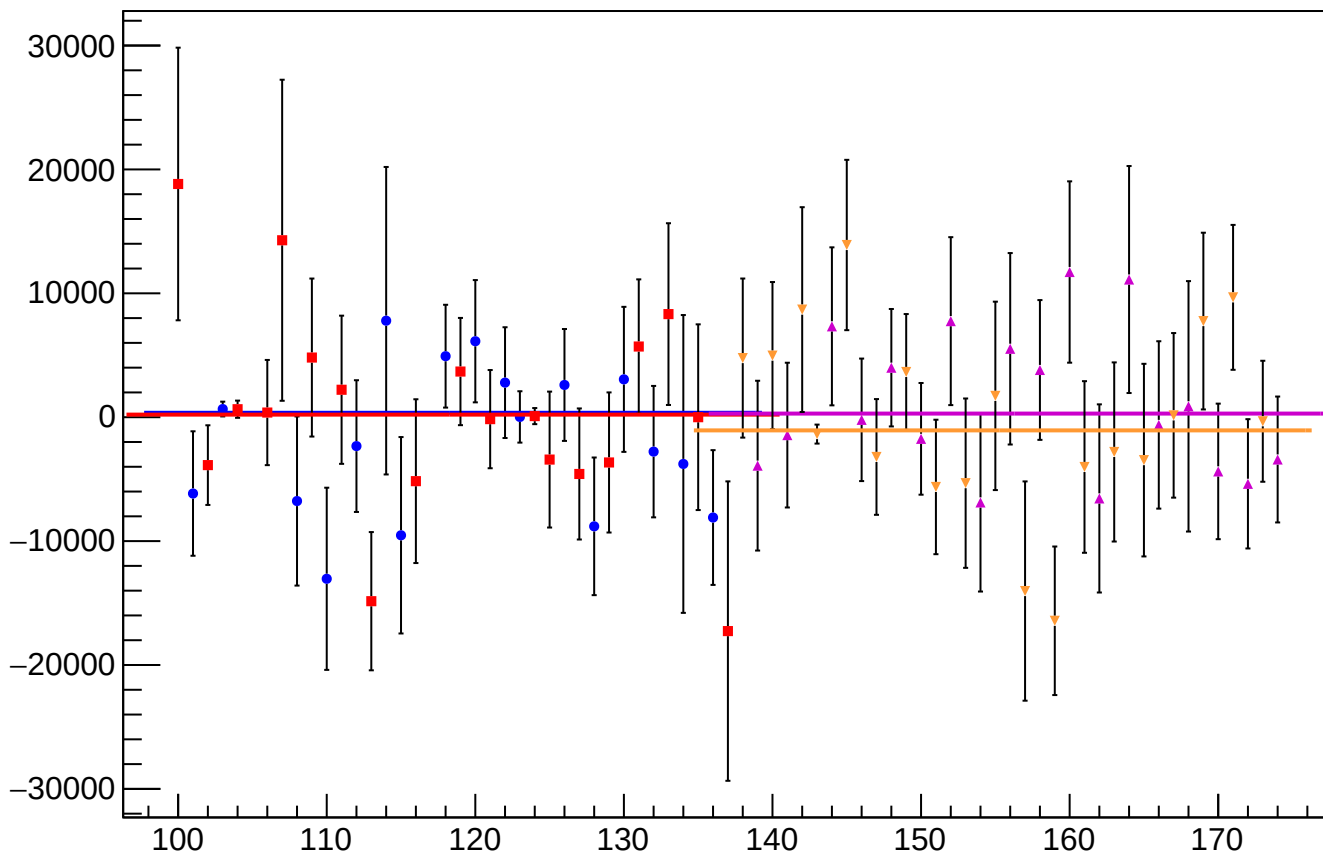
Right: 1751.031+/-0.340 χ^2/NDF : 752208.6/35

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

Out: 1844.036+/-0.286 χ^2/NDF : 1093067.8/37

All: 1816.396+/-0.200 χ^2/NDF : 1472443.7/72

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1063.473 $\pm$ 679.307 χ^2/NDF : 24.6/18

Right Out: 209.907 $\pm$ 446.627 χ^2/NDF : 21.4/18

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

Left: -814.301 $\pm$ 613.757 χ^2/NDF : 38.0/36

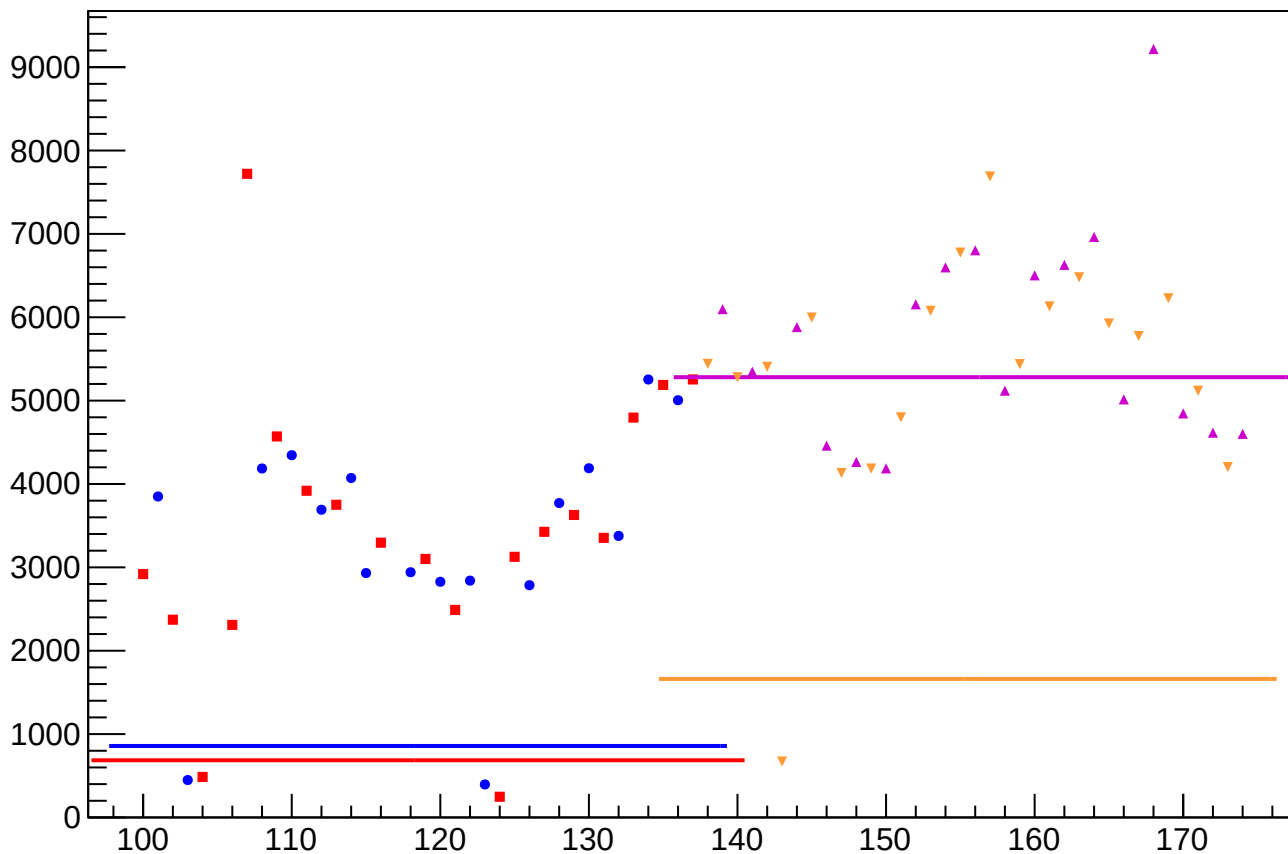
Right: 270.567 $\pm$ 342.385 χ^2/NDF : 38.9/35

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

Out: -174.410 $\pm$ 373.192 χ^2/NDF : 48.4/37

All: 13.086 $\pm$ 299.007 χ^2/NDF : 79.3/72

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1661.687 $\pm$ 0.480 χ^2 /NDF:16407221.7/18

Right Out: 685.800 $\pm$ 0.316 χ^2 /NDF: 9461114.1/18

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

Left: 2326.533 $\pm$ 0.434 χ^2 /NDF: 27901472.5/36

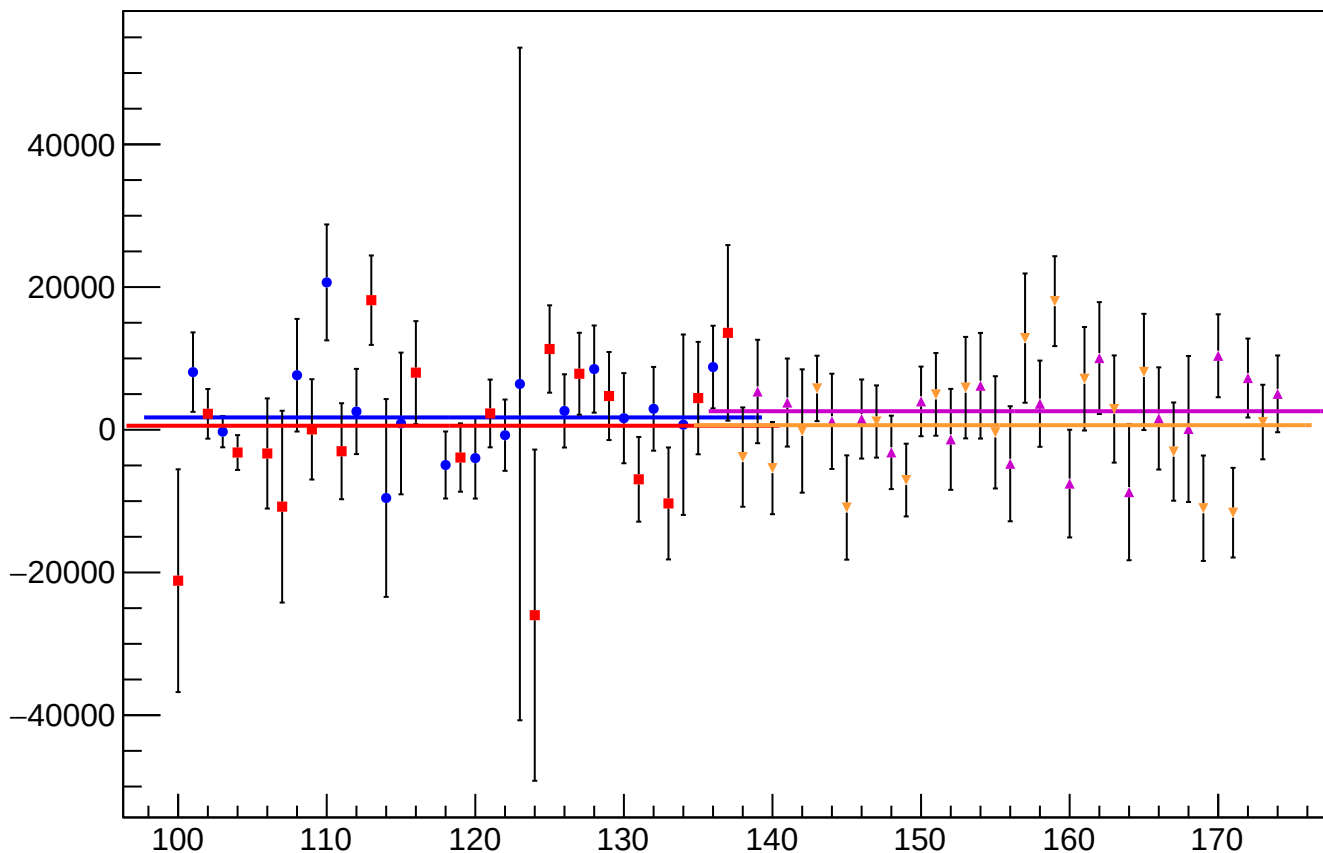
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 980.331 $\pm$ 0.264 χ^2 /NDF:28750181.4/37

All: 1129.193 $\pm$ 0.211 χ^2 /NDF: 55639890.5/7

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 643.797+/-1477.468 χ^2/NDF :26.2/18

Right Out: 567.083+/-1286.310 χ^2/NDF : 27.1/18

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

Left: 1593.624+/-1060.141 χ^2/NDF : 37.0/36

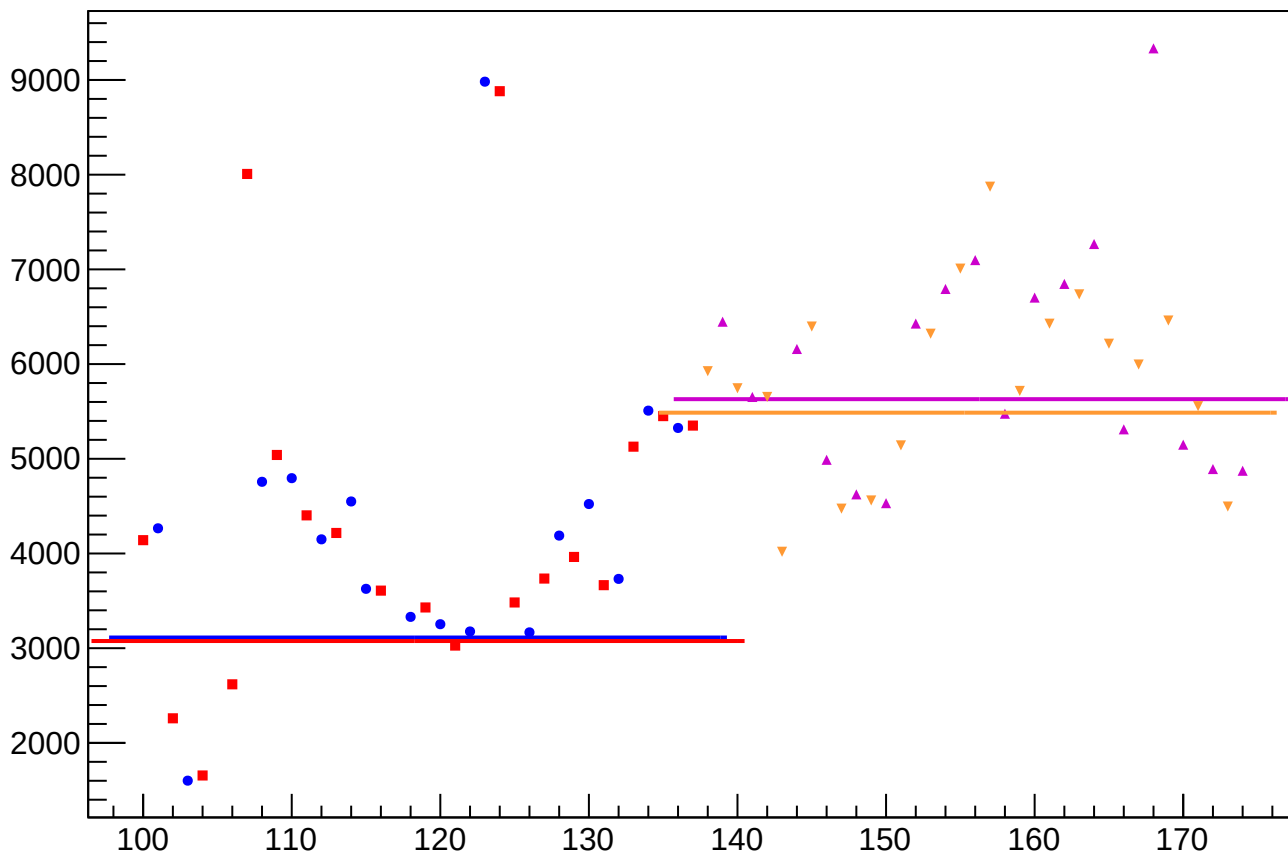
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 600.159+/-970.151 χ^2/NDF :53.3/37

All: 1335.002+/-693.095 χ^2/NDF : 79.5/72

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5486.868+/-1.045 χ^2/NDF : 867950.6/18

Right Out: 3075.702+/-0.896 χ^2/NDF : 2011000.5/18

Left In: 5629.596+/-1.076 χ^2/NDF : 887041.3/17

Left: 5556.111+/-0.750 χ^2/NDF : 1764046.7/36

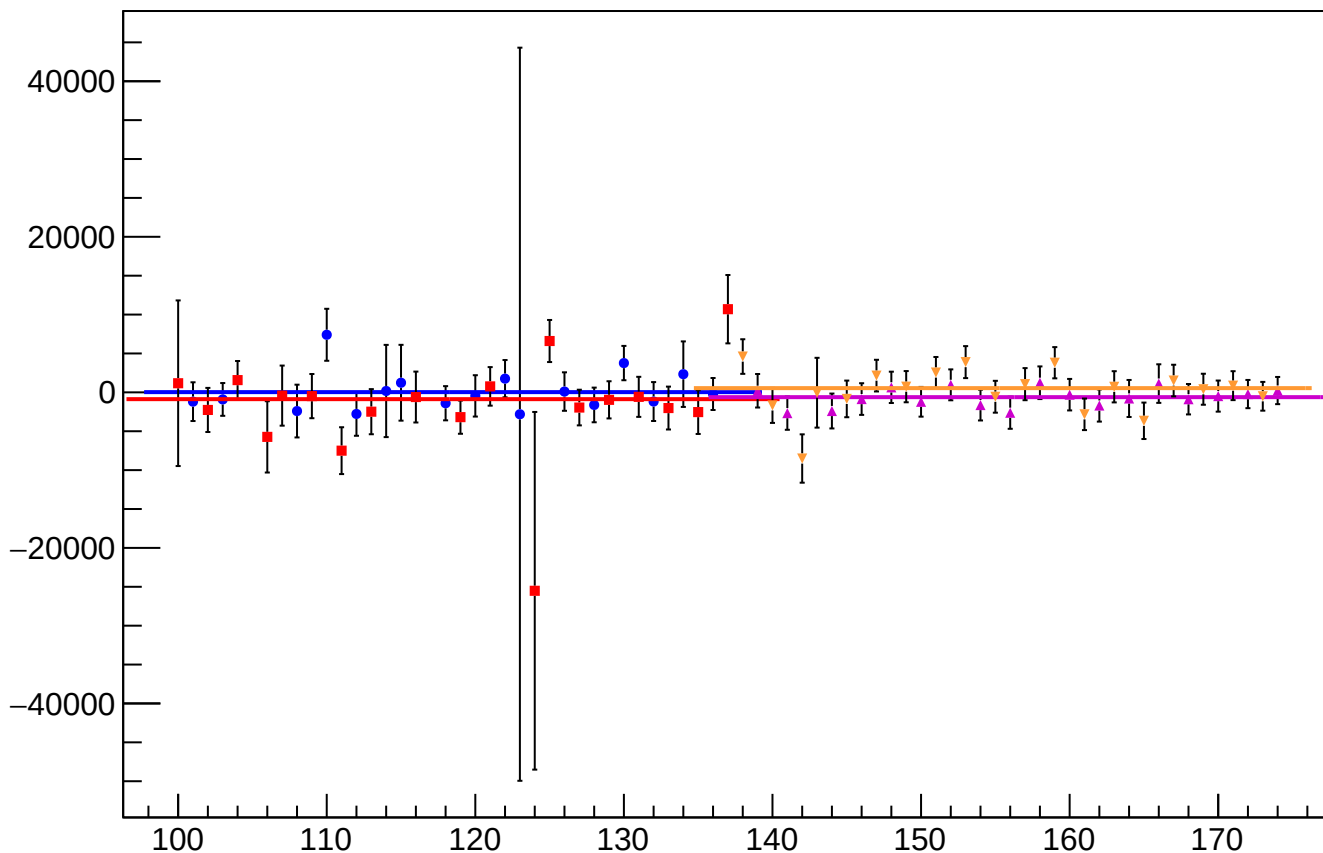
Right: 3093.663+/-0.643 χ^2/NDF : 3896339.1/35

In: 4178.653+/-0.700 χ^2/NDF : 5924281.9/34

Out: 4098.095+/-0.680 χ^2/NDF : 5946927.4/37

All: 4137.200+/-0.488 χ^2/NDF : 11878016.2/71

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 542.788+/-489.113 χ^2/NDF : 27.0/18

Right Out: -874.470+/-673.273 χ^2/NDF : 25.7/18

Left In: -617.822+/-480.961 χ^2/NDF : 5.9/17

Left: -47.269+/-342.937 χ^2/NDF : 35.8/36

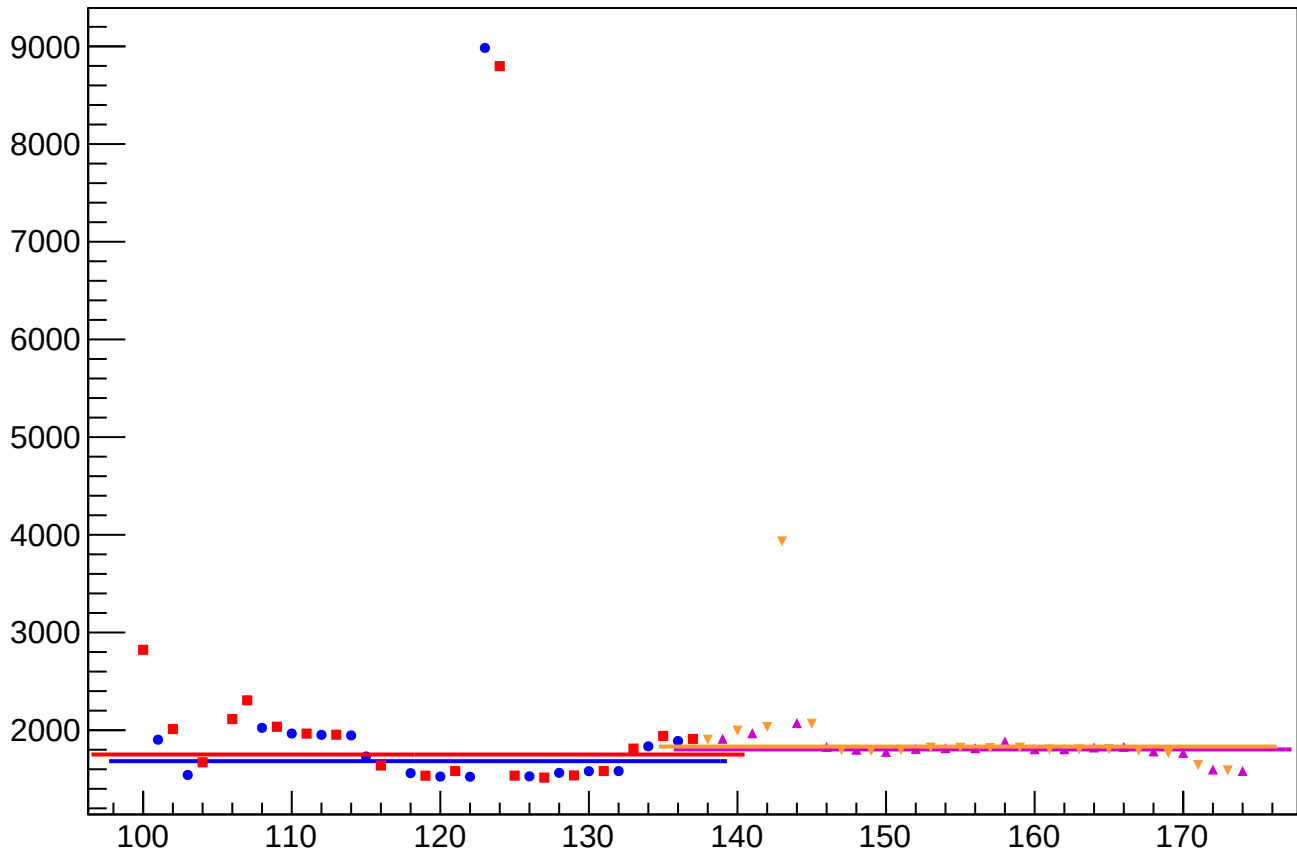
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -392.725+/-388.374 χ^2/NDF : 18.4/34

Out: 53.202+/-395.714 χ^2/NDF : 55.6/37

All: -173.935+/-277.181 χ^2/NDF : 74.6/72

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1832.501+/-0.346 χ^2/NDF : 540209.1/18

Right Out: 1751.086+/-0.475 χ^2/NDF : 427069.6/18

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

Left: 1817.507+/-0.242 χ^2/NDF : 652692.0/36

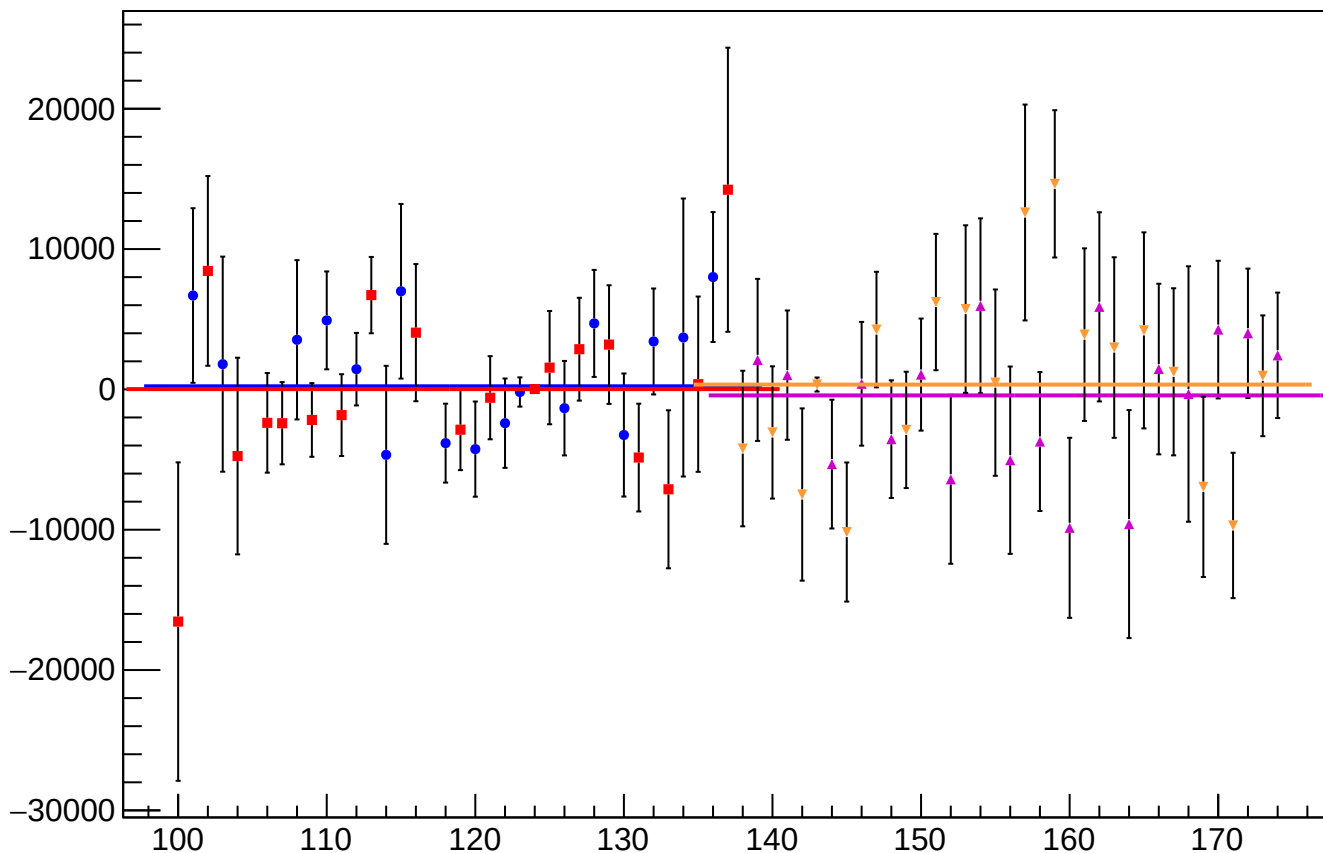
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1804.295+/-0.280 χ^2/NDF : 986476.6/37

All: 1782.409+/-0.196 χ^2/NDF : 1346394.9/72

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 343.083+/-464.509 χ^2/NDF : 27.0/18

Right Out: 20.268+/-114.130 χ^2/NDF : 20.7/18

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

Left: 248.064+/-434.949 χ^2/NDF : 39.1/36

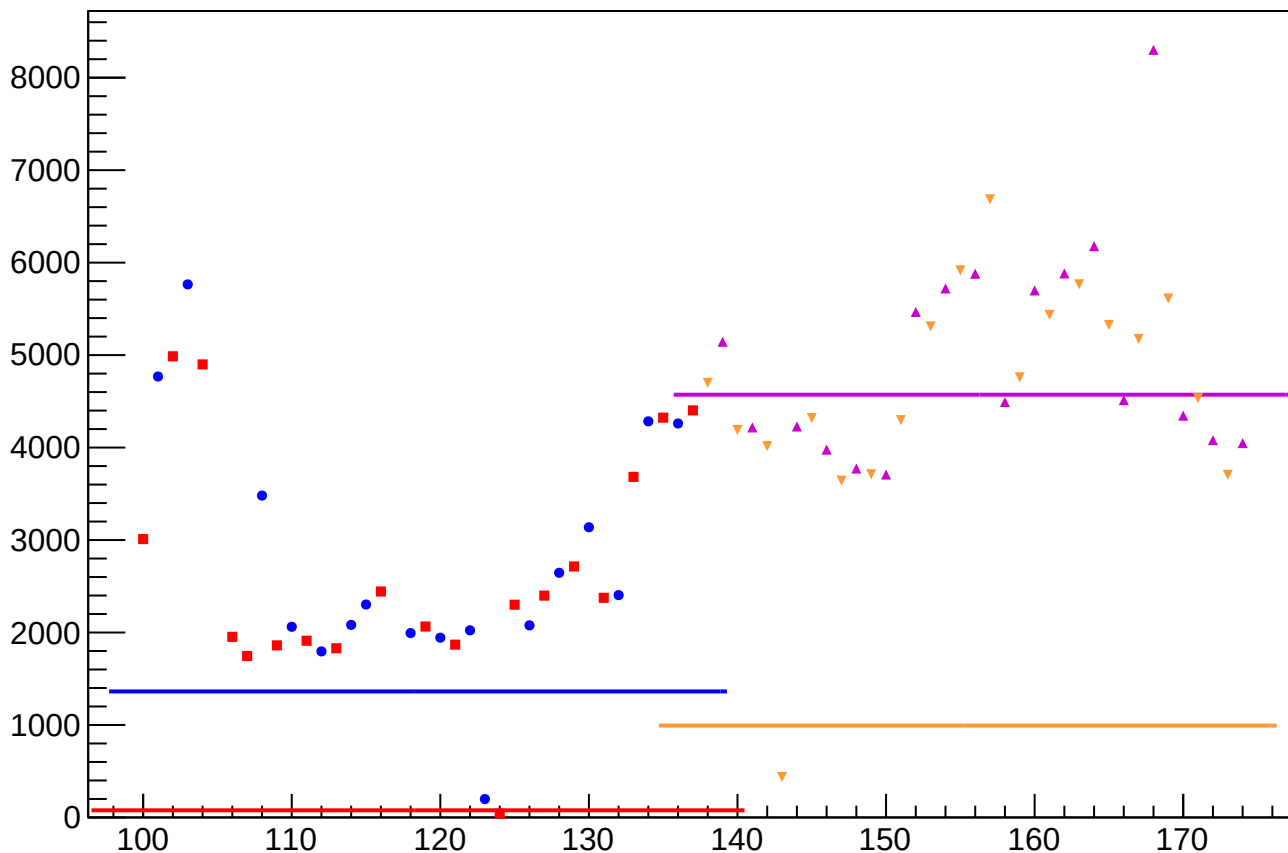
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

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

Out: 38.646+/-110.833 χ^2/NDF : 48.1/37

All: 39.178+/-109.121 χ^2/NDF : 75.9/72

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 993.764 $\pm$ 0.328 χ^2 /NDF: 19218953.5/18

Right Out: 77.129 $\pm$ 0.081 χ^2 /NDF: 13248048.9/18

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

Left: 1434.645 $\pm$ 0.308 χ^2 /NDF: 34880775.0/36

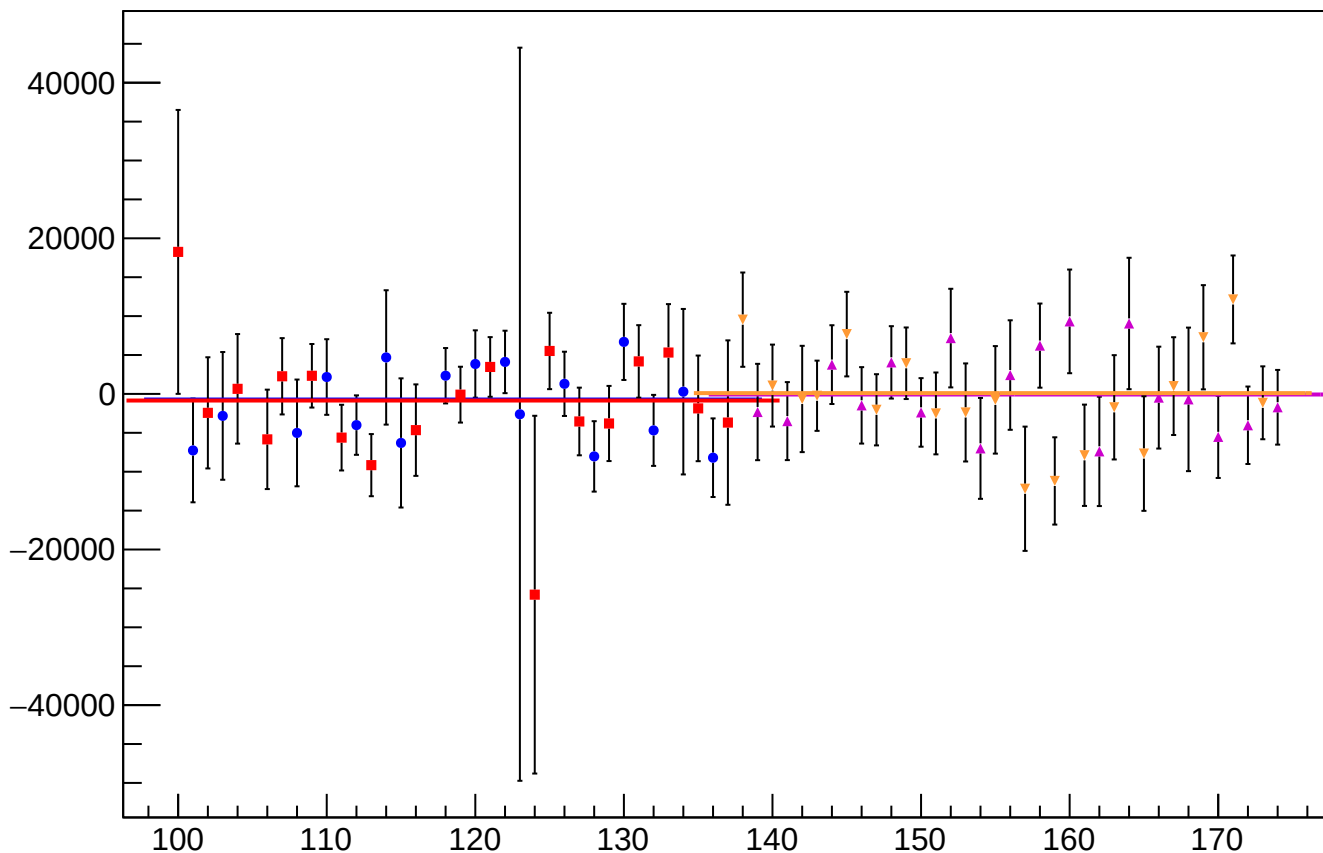
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 129.314 $\pm$ 0.078 χ^2 /NDF: 39811764.1/37

All: 192.030 $\pm$ 0.077 χ^2 /NDF: 77990982.5/72

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483 ± 1252.519 $\chi^2/\text{NDF}: 14.8/16$

Left Out: 101.570 ± 1311.749 $\chi^2/\text{NDF}: 20.7/18$

Right Out: -849.844 ± 1191.907 $\chi^2/\text{NDF}: 16.0/18$

Left In: -76.160 ± 1338.031 $\chi^2/\text{NDF}: 12.3/17$

Left: 14.468 ± 936.701 $\chi^2/\text{NDF}: 33.0/36$

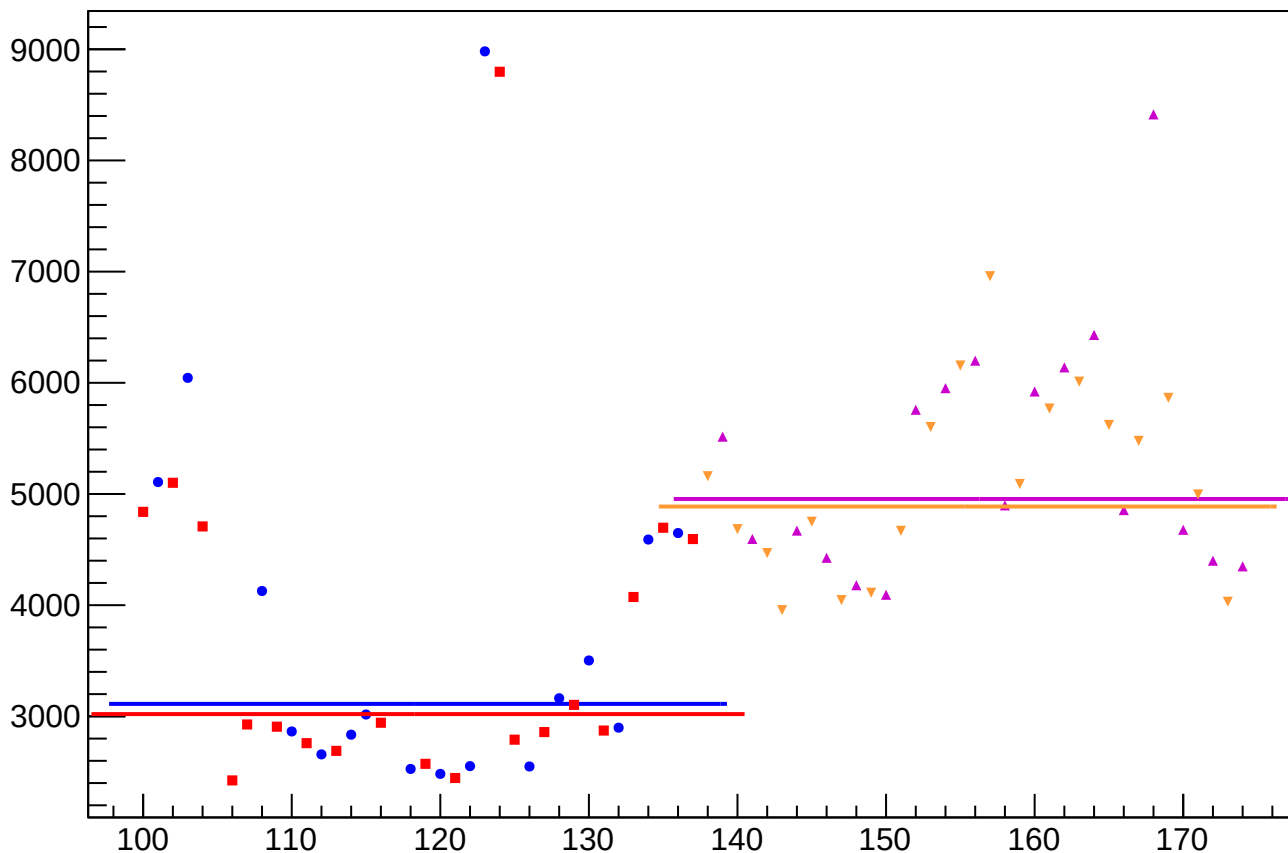
Right: -788.845 ± 863.438 $\chi^2/\text{NDF}: 30.8/35$

In: -420.100 ± 914.402 $\chi^2/\text{NDF}: 27.2/34$

Out: -419.574 ± 882.138 $\chi^2/\text{NDF}: 36.9/37$

All: -419.828 ± 634.865 $\chi^2/\text{NDF}: 64.1/72$

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4887.218 $\pm$ 0.928 χ^2 /NDF: 699810.9/18

Right Out: 3020.363 $\pm$ 0.832 χ^2 /NDF: 794218.3/18

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

Left: 4920.493 $\pm$ 0.662 χ^2 /NDF: 1536474.1/36

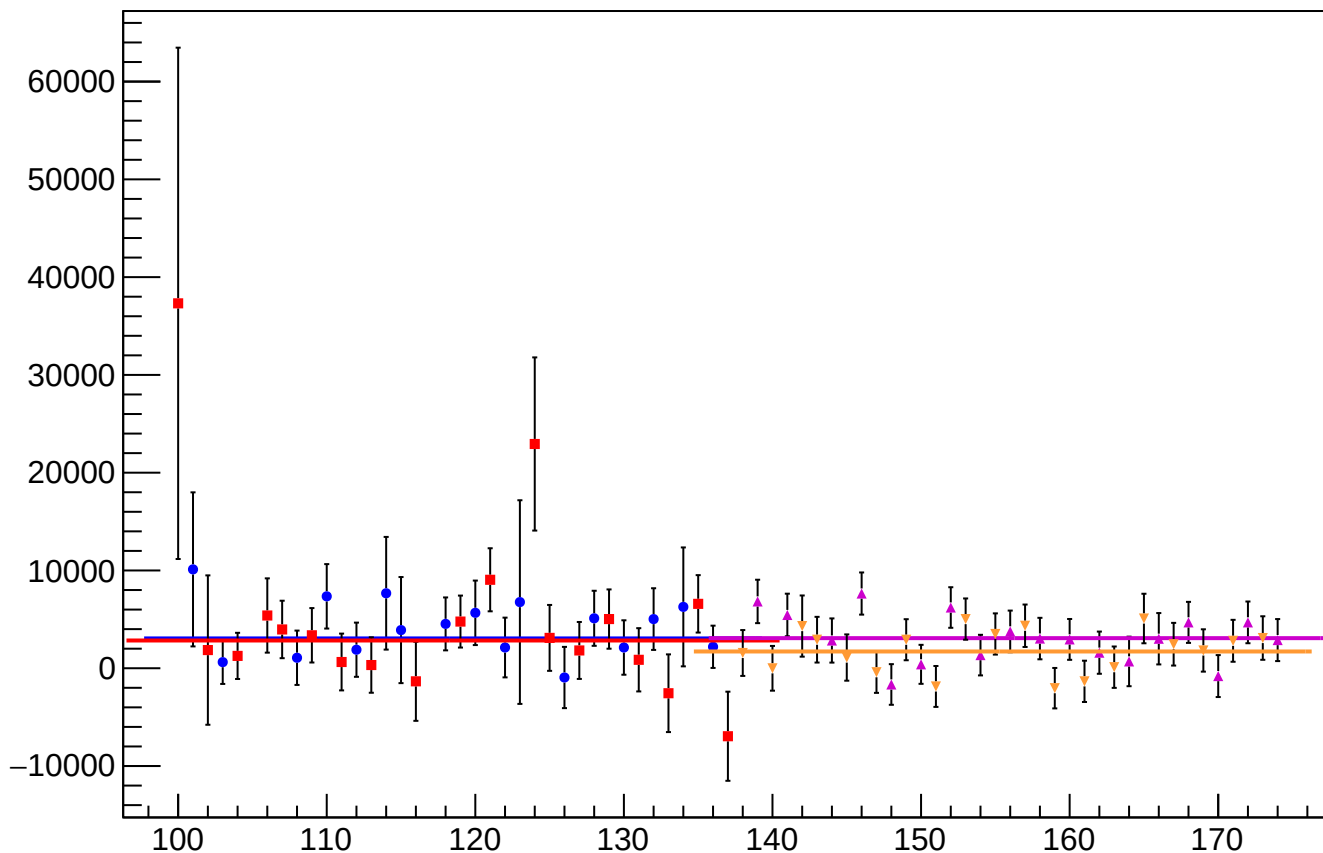
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

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

Out: 3853.042 $\pm$ 0.619 χ^2 /NDF: 3738082.7/37

All: 3910.407 $\pm$ 0.447 χ^2 /NDF: 7570626.1/72

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1715.159 $\pm$ 509.104 χ^2 /NDF:19.0/18

Right Out: 2838.725 $\pm$ 765.884 χ^2 /NDF: 23.8/18

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

Left: 2394.980 $\pm$ 360.407 χ^2 /NDF: 47.0/36

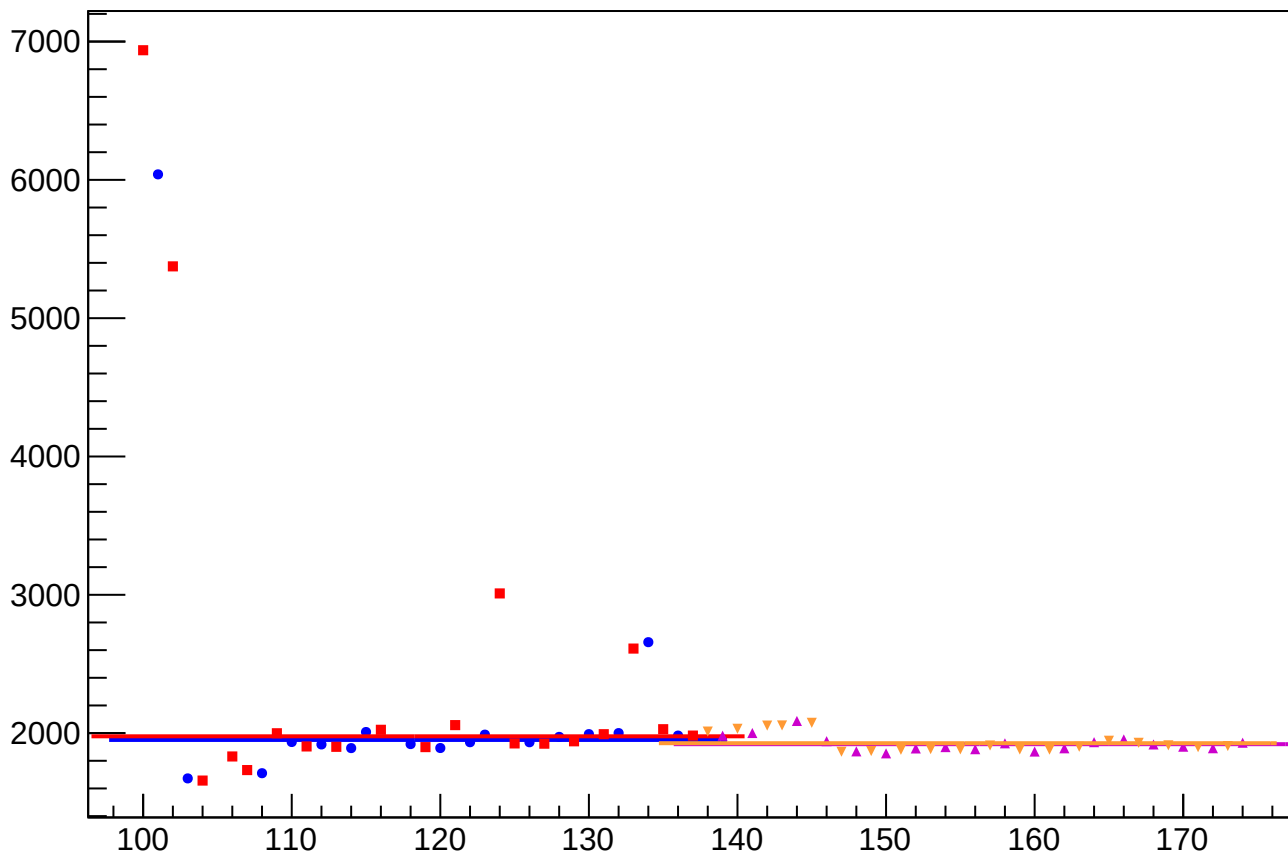
Right: 2943.024 $\pm$ 543.823 χ^2 /NDF: 33.1/35

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

Out: 2059.478 $\pm$ 423.979 χ^2 /NDF:44.3/37

All: 2562.229 $\pm$ 300.422 χ^2 /NDF: 80.8/72

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1927.126 $\pm$ 0.360 χ^2 /NDF: 32845.5/18

Right Out: 1976.980 $\pm$ 0.541 χ^2 /NDF: 607706.4/18

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

Left: 1923.613 $\pm$ 0.255 χ^2 /NDF: 55937.5/36

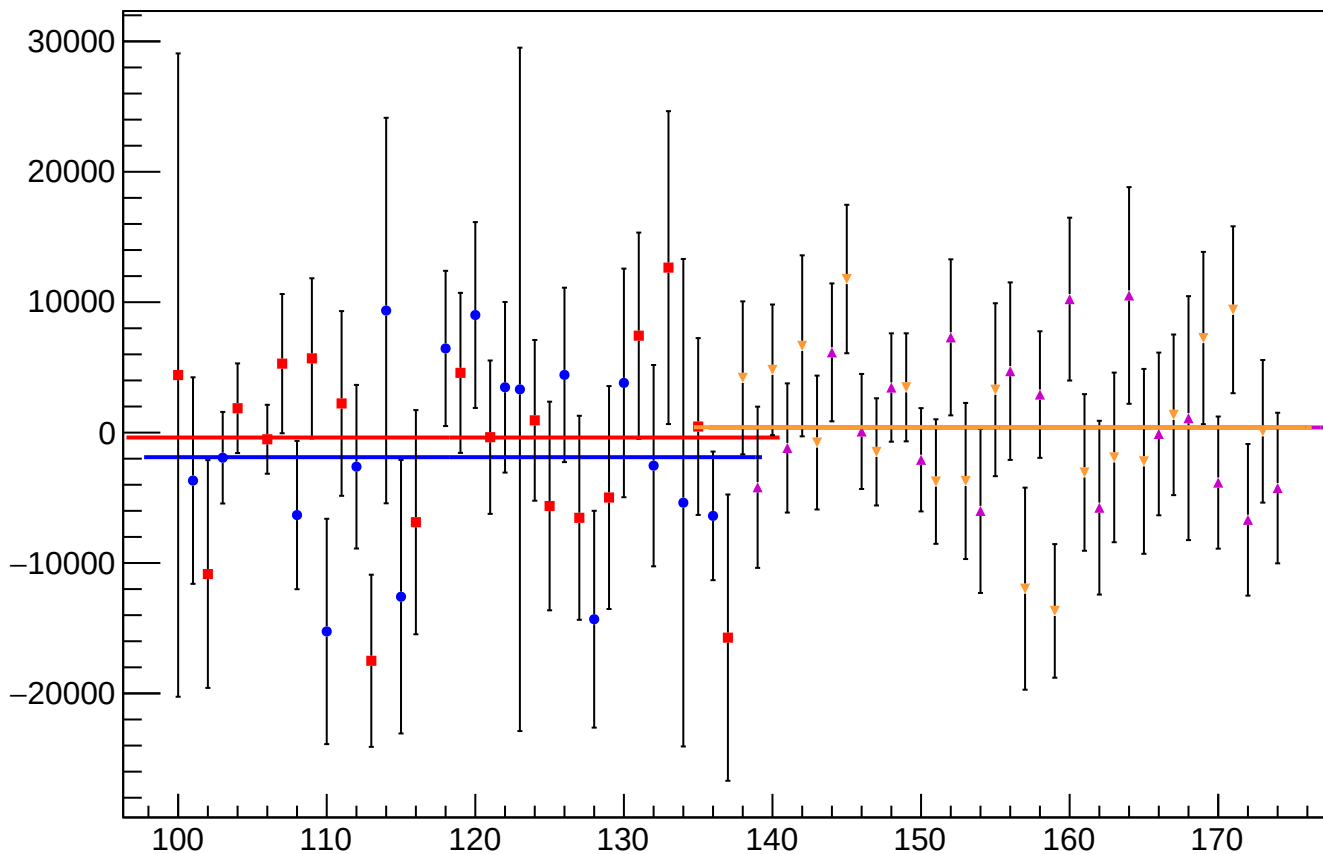
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

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

Out: 1942.417 $\pm$ 0.300 χ^2 /NDF: 646434.1/37

All: 1935.929 $\pm$ 0.212 χ^2 /NDF: 1287628.1/72

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 412.794+/-1287.164 χ^2/NDF : 22.0/18

Right Out: -376.861+/-1359.615 χ^2/NDF : 17.6/18

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

Left: 403.100+/-914.827 χ^2/NDF : 35.5/36

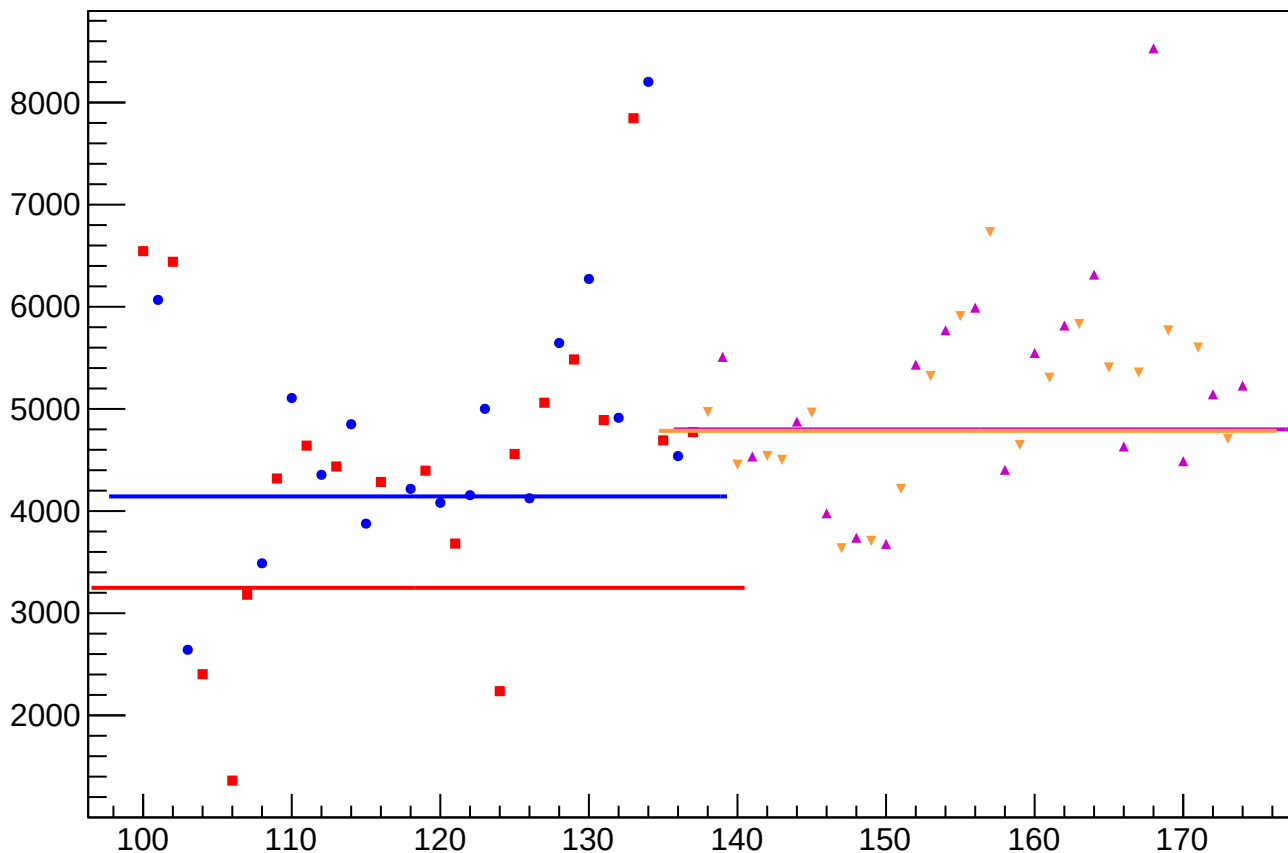
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

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

Out: 39.566+/-934.727 χ^2/NDF : 39.8/37

All: -194.343+/-690.128 χ^2/NDF : 68.7/72

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4785.696+/-0.910 χ^2/NDF : 718860.4/18

Right Out: 3248.634+/-0.961 χ^2/NDF : 2617775.0/18

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

Left: 4792.638+/-0.647 χ^2/NDF : 1743068.4/36

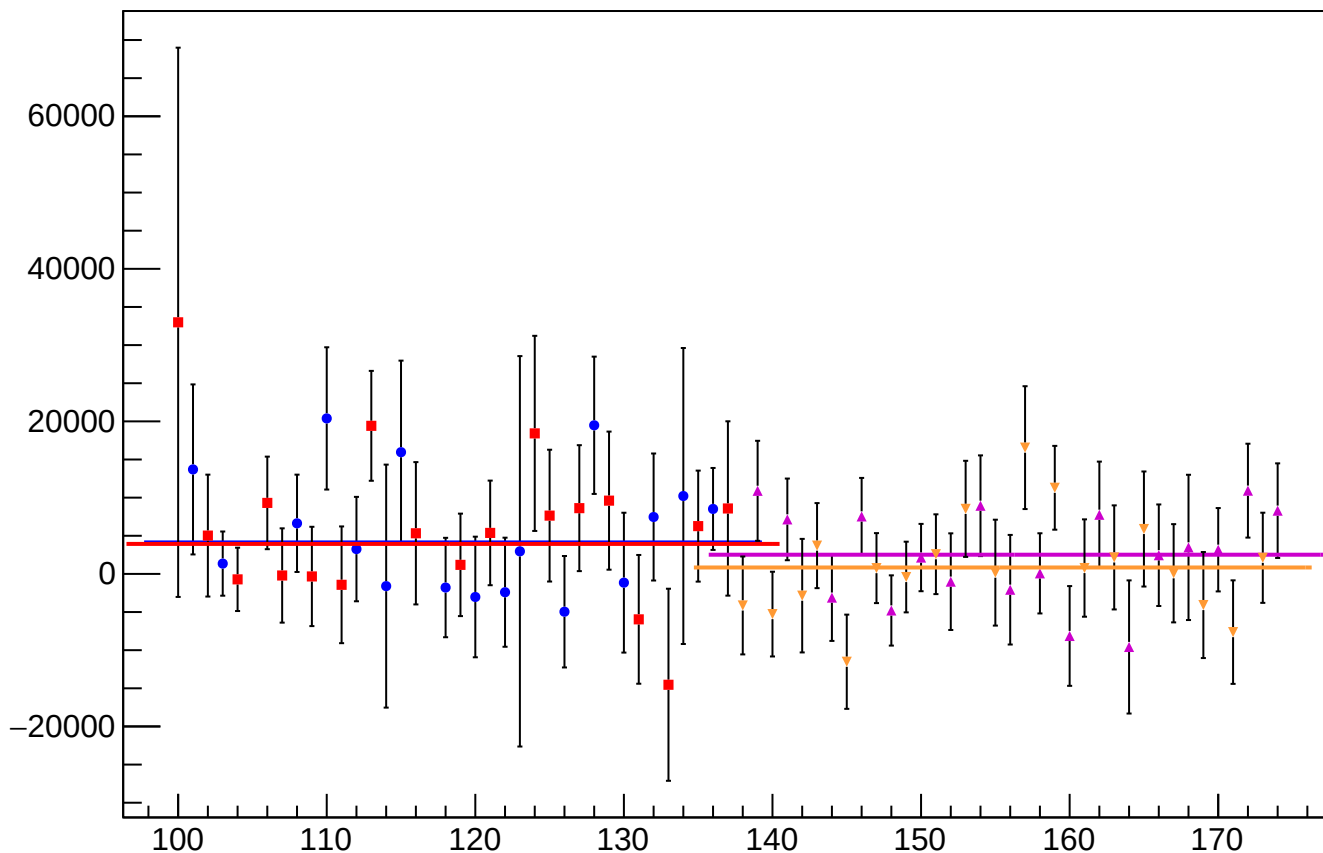
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 4059.208+/-0.661 χ^2/NDF : 4684611.1/37

All: 4282.354+/-0.488 χ^2/NDF : 7009237.4/72

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 842.175 $\pm$ 1390.856 χ^2 /NDF:18.0/18

Right Out: 3933.351 $\pm$ 1725.500 χ^2 /NDF: 14.9/18

Left In: 2516.581 $\pm$ 1404.644 χ^2 /NDF:16.6/17

Left: 1671.120 $\pm$ 988.322 χ^2 /NDF: 35.4/36

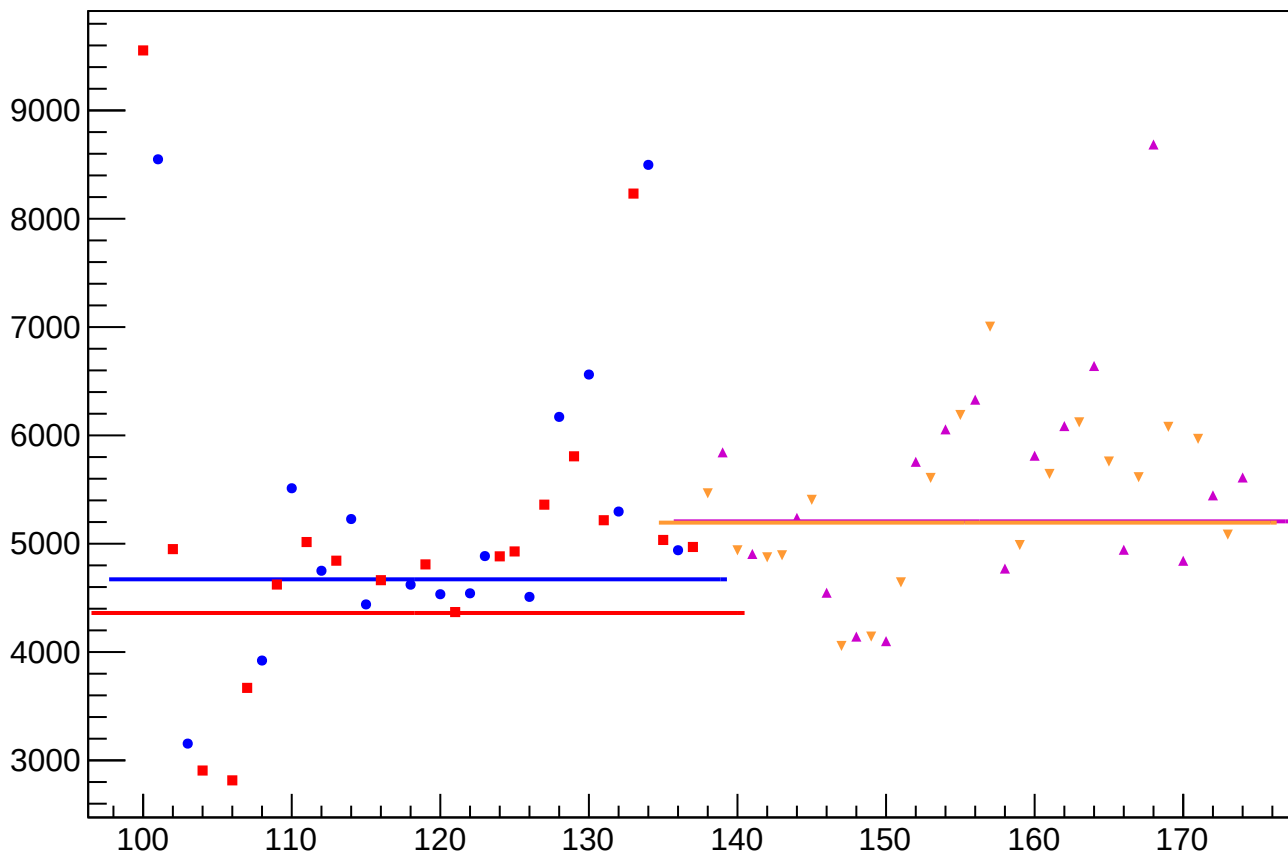
Right: 4022.593 $\pm$ 1265.954 χ^2 /NDF: 28.6/35

In: 3100.096 $\pm$ 1121.588 χ^2 /NDF:30.8/34

Out: 2059.607 $\pm$ 1082.868 χ^2 /NDF:34.9/37

All: 2561.581 $\pm$ 779.032 χ^2 /NDF: 66.1/72

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5194.710+/-0.983 χ^2/NDF : 546852.1/18

Right Out: 4360.531+/-1.213 χ^2/NDF : 834123.3/18

Left In: 5206.499+/-0.993 χ^2/NDF : 795908.8/17

Left: 5200.547+/-0.699 χ^2/NDF : 1342832.0/36

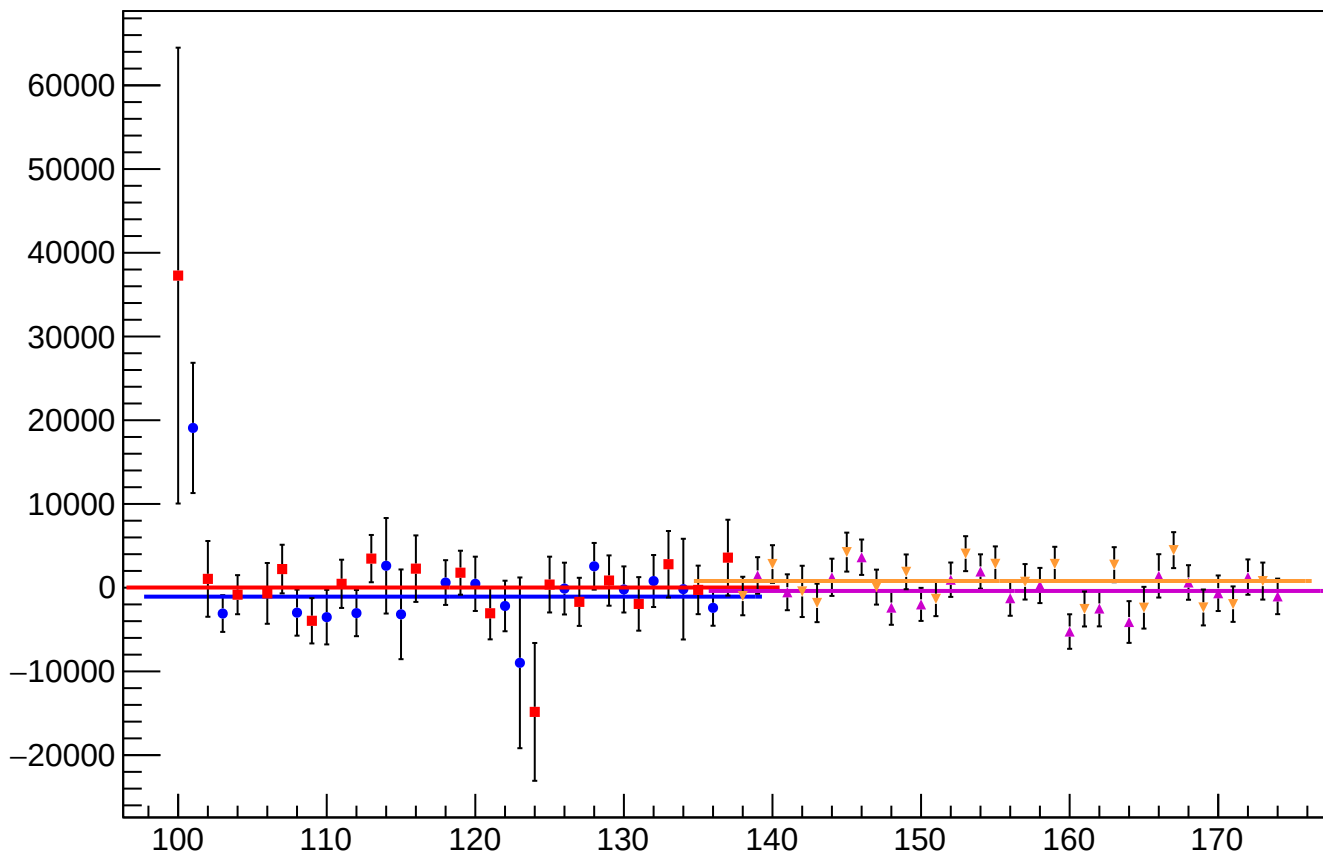
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

In: 5012.539+/-0.793 χ^2/NDF : 1687243.6/34

Out: 4863.866+/-0.764 χ^2/NDF : 1666305.9/37

All: 4935.422+/-0.550 χ^2/NDF : 3371777.8/72

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1071.254 $\pm$ 762.970 χ^2 /NDF: 13.7/16

Left Out: 798.323 $\pm$ 502.211 χ^2 /NDF:22.8/18

Right Out: 19.222 $\pm$ 747.810 χ^2 /NDF: 13.3/18

Left In: -391.019 $\pm$ 503.653 χ^2 /NDF:18.6/17

Left: 205.356 $\pm$ 355.625 χ^2 /NDF: 44.3/36

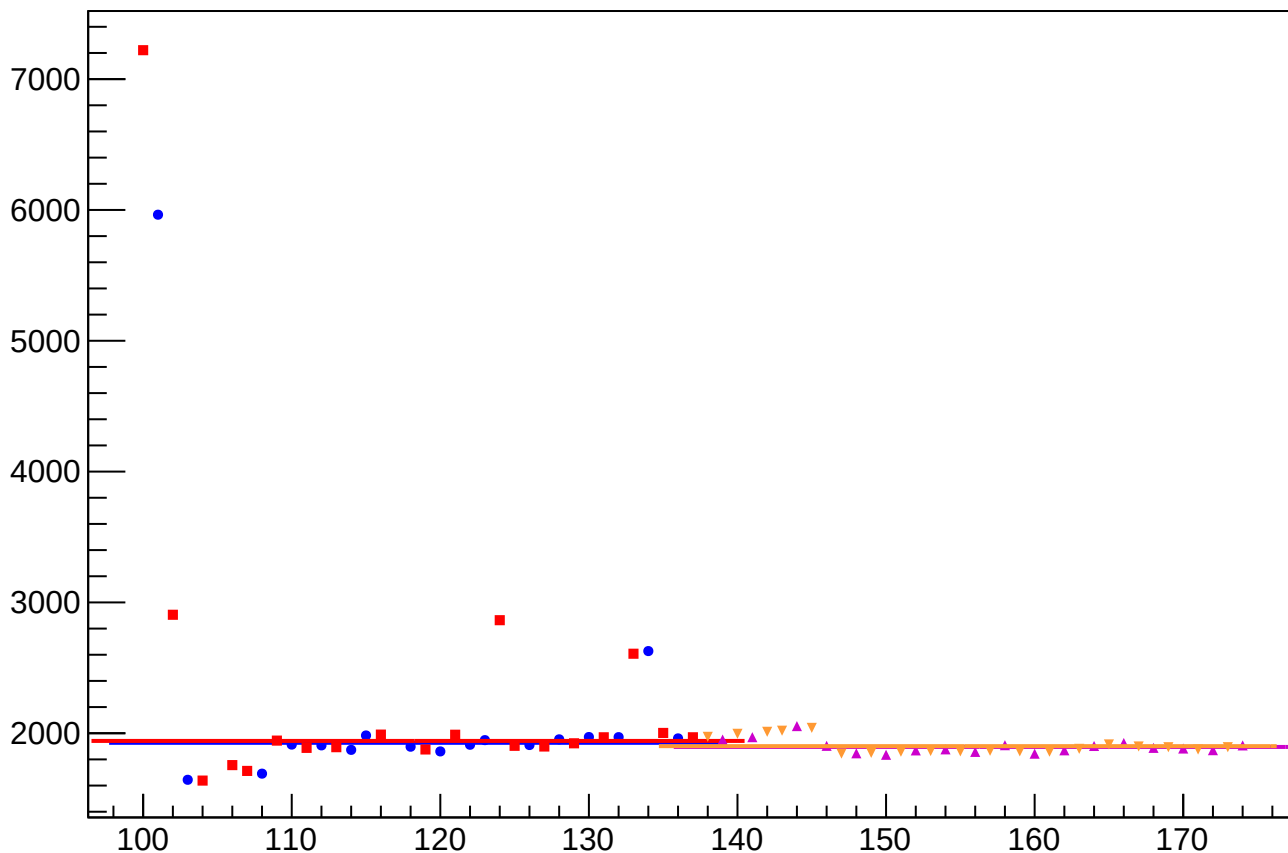
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -597.473 $\pm$ 420.330 χ^2 /NDF:32.9/34

Out: 556.157 $\pm$ 416.918 χ^2 /NDF:36.9/37

All: -15.957 $\pm$ 296.004 χ^2 /NDF: 73.6/72

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1901.255 $\pm$ 0.355 χ^2 /NDF: 28181.2/18

Right Out: 1941.261 $\pm$ 0.528 χ^2 /NDF: 304367.3/18

Left In: 1895.255 $\pm$ 0.356 χ^2 /NDF: 20501.9/17

Left: 1898.263 $\pm$ 0.251 χ^2 /NDF: 48825.4/36

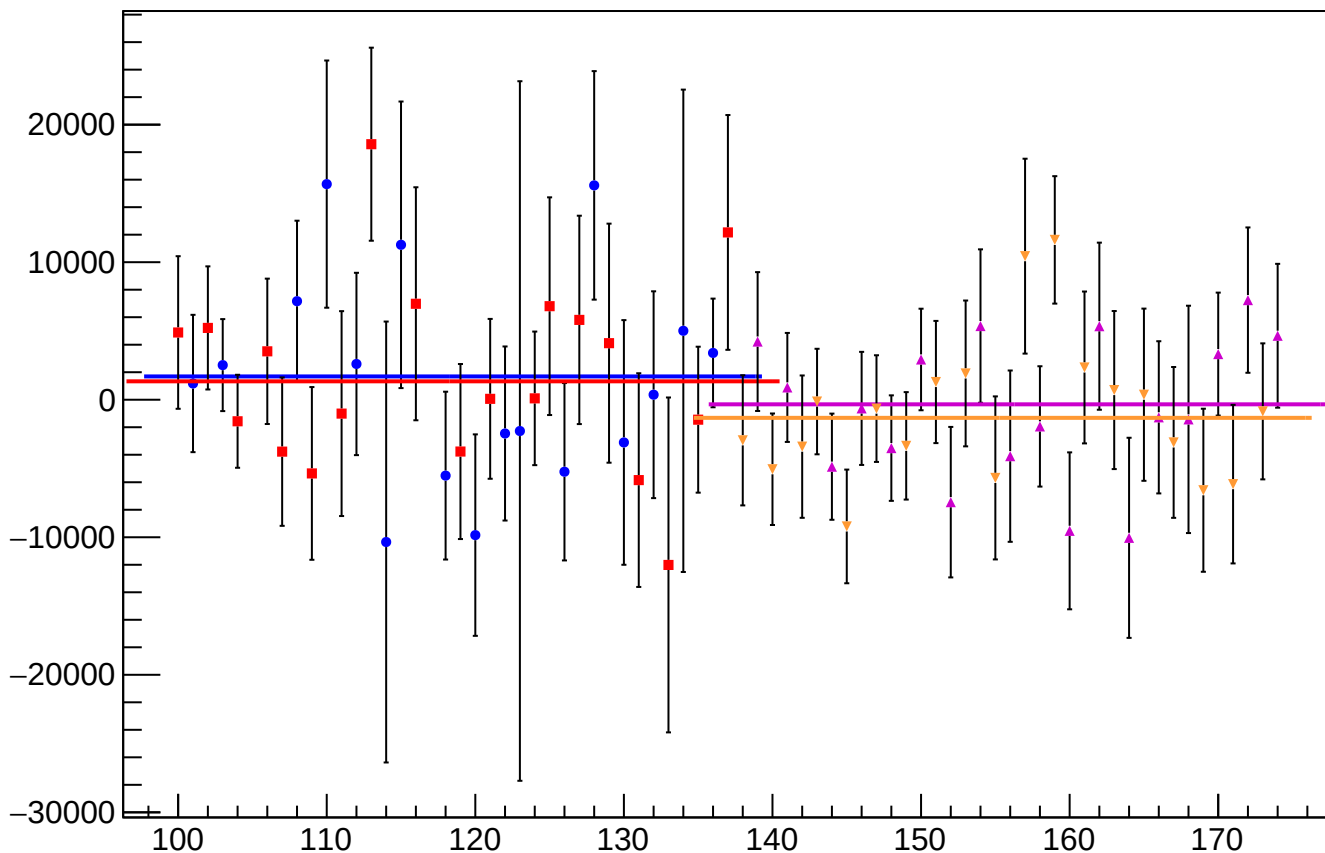
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1904.856 $\pm$ 0.297 χ^2 /NDF: 640013.0/34

Out: 1913.703 $\pm$ 0.295 χ^2 /NDF: 336497.5/37

All: 1909.317 $\pm$ 0.209 χ^2 /NDF: 976957.1/72

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1317.482 $\pm$ 1115.305 χ^2/NDF : 19.2/18

Right Out: 1338.172 $\pm$ 1369.005 χ^2/NDF : 16.3/18

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

Left: -839.372 $\pm$ 799.474 χ^2/NDF : 35.5/36

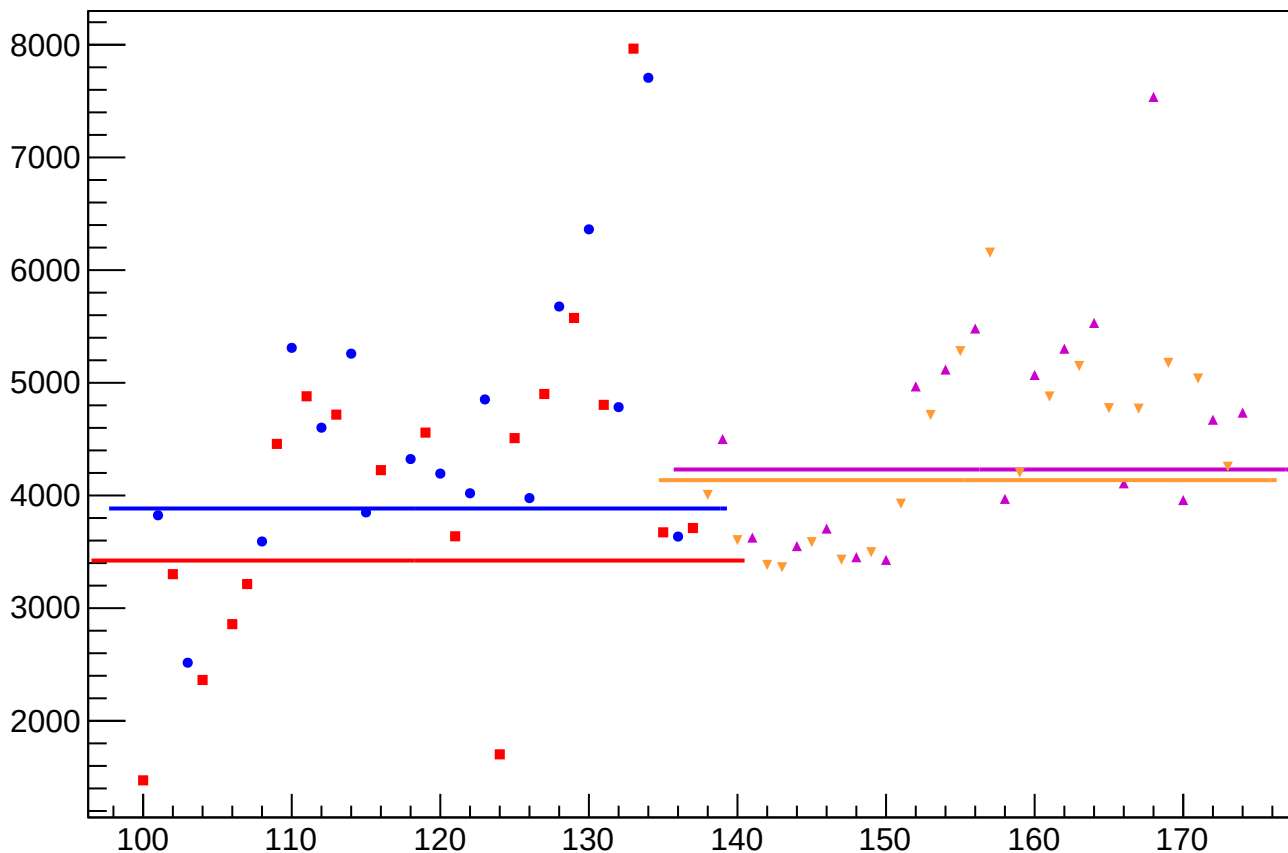
Right: 1493.873 $\pm$ 1026.648 χ^2/NDF : 30.0/35

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

Out: -258.053 $\pm$ 864.679 χ^2/NDF : 37.8/37

All: 41.412 $\pm$ 630.778 χ^2/NDF : 68.7/72

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4136.182 $\pm$ 0.789 χ^2 /NDF: 838453.4/18

Right Out: 3422.628 $\pm$ 0.968 χ^2 /NDF: 1590296.5/18

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

Left: 4182.142 $\pm$ 0.565 χ^2 /NDF: 1874257.1/36

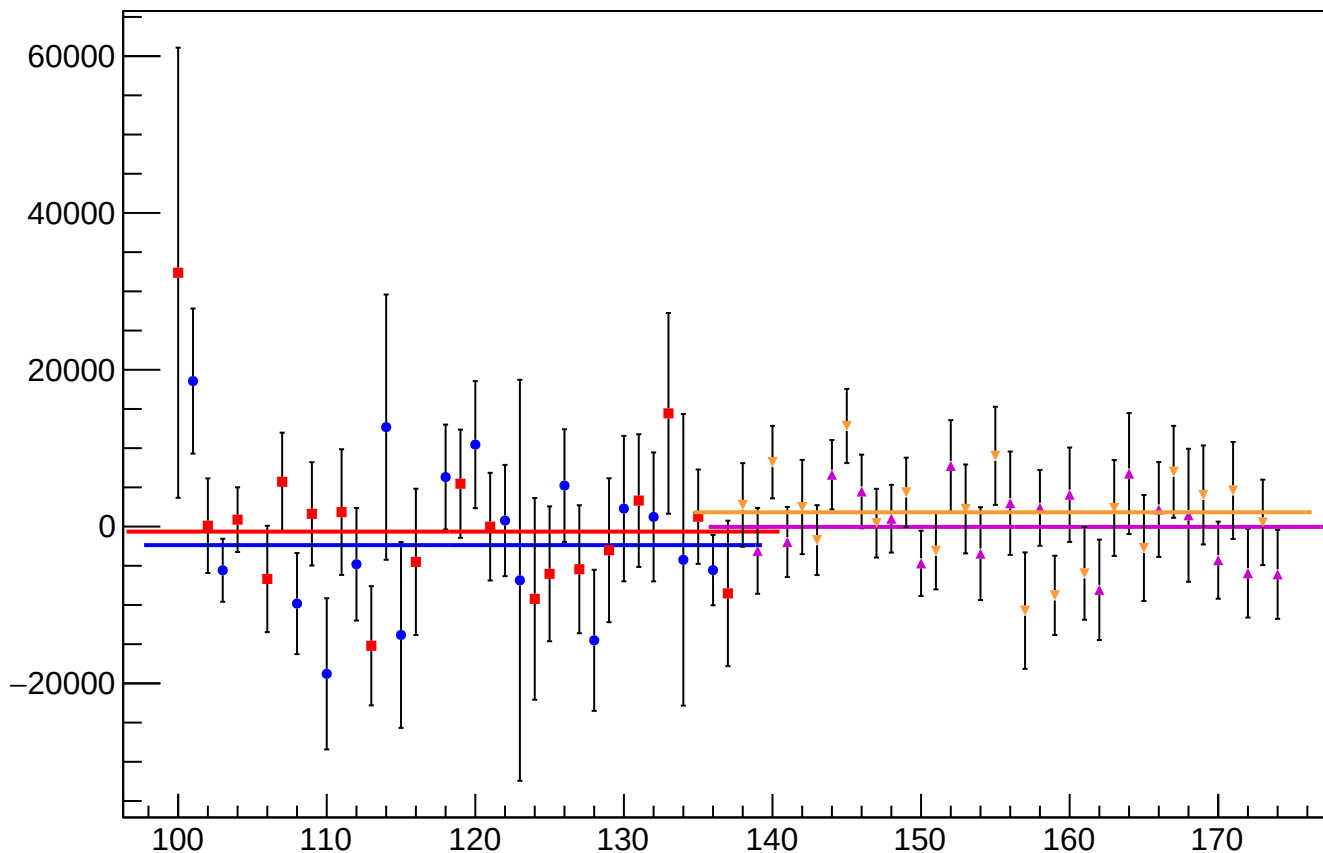
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3851.522 $\pm$ 0.611 χ^2 /NDF: 2755335.1/37

All: 3971.748 $\pm$ 0.446 χ^2 /NDF: 4757712.5/72

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1822.621 ± 1236.329 χ^2/NDF : 21.4/18

Right Out: -640.916 ± 1690.165 χ^2/NDF : 11.8/18

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

Left: 911.243 ± 883.083 χ^2/NDF : 36.0/36

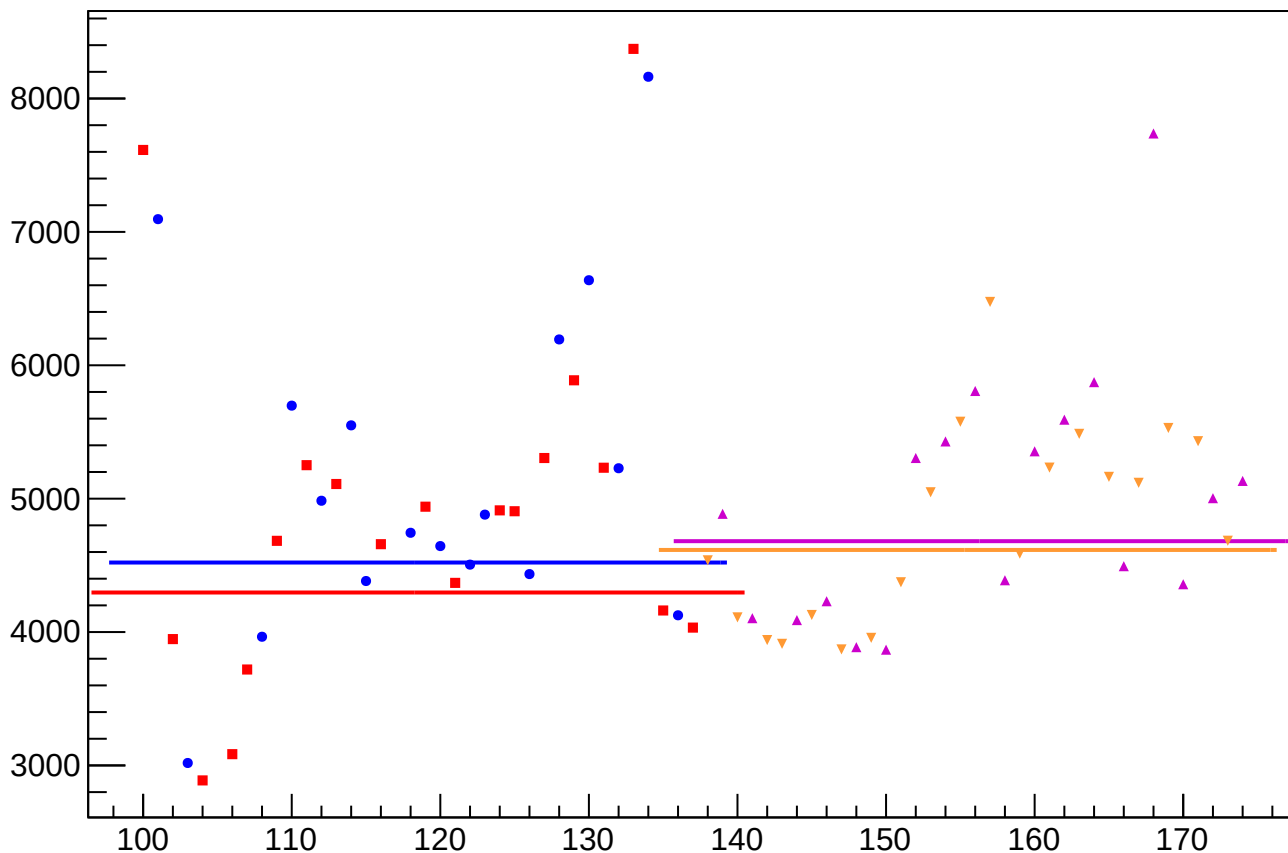
Right: -1449.011 ± 1232.750 χ^2/NDF : 32.4/35

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

Out: 963.922 ± 997.861 χ^2/NDF : 34.6/37

All: 110.807 ± 717.892 χ^2/NDF : 70.8/72

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4615.556+/-0.874 χ^2/NDF : 579376.1/18

Right Out: 4296.482+/-1.189 χ^2/NDF : 773210.4/18

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

Left: 4647.776+/-0.624 χ^2/NDF : 1339361.6/36

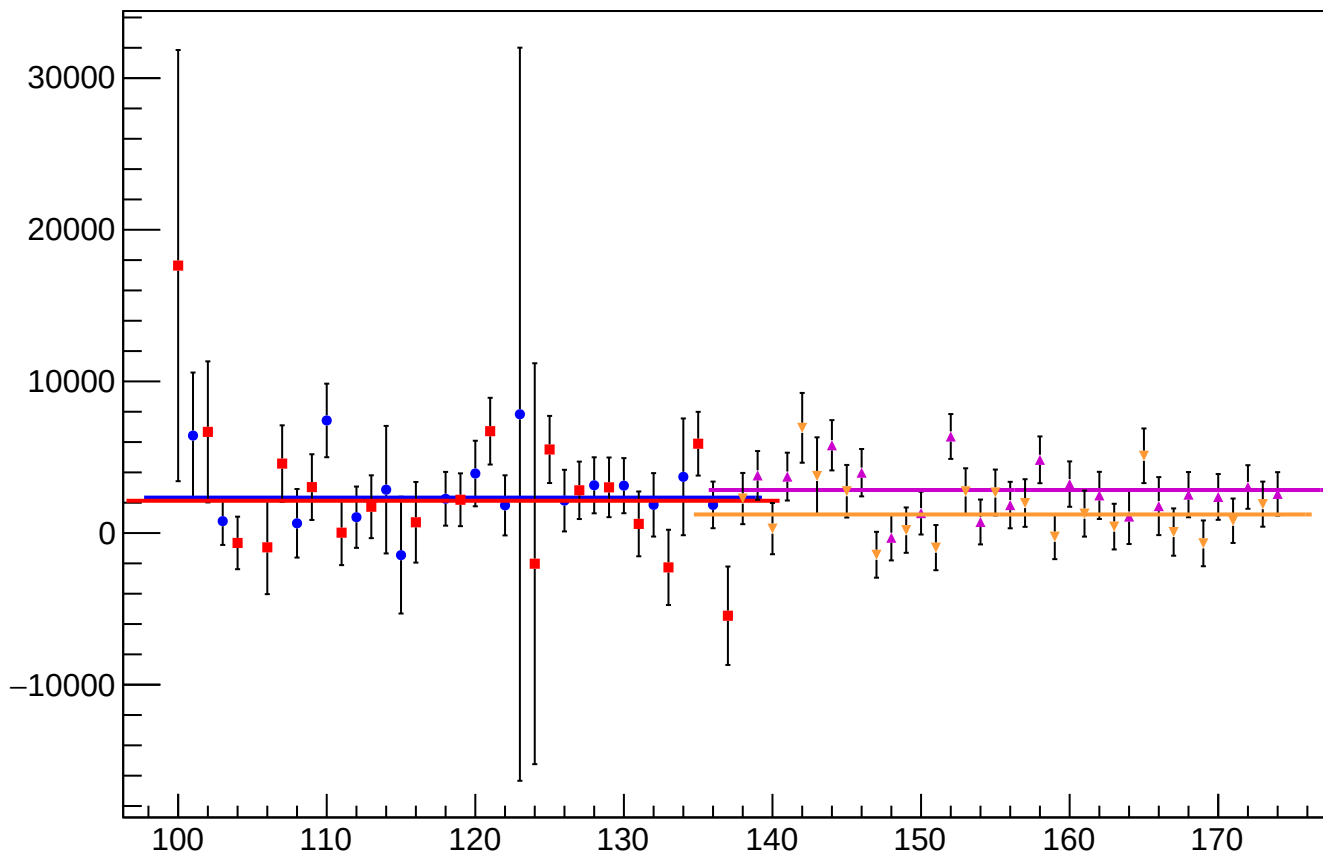
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4503.531+/-0.704 χ^2/NDF : 1399356.2/37

All: 4563.774+/-0.507 χ^2/NDF : 2961038.2/72

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1226.023 $\pm$ 367.764 χ^2 /NDF:24.8/18

Right Out: 2129.457 $\pm$ 539.223 χ^2 /NDF: 27.5/18

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

Left: 2041.913 $\pm$ 258.488 χ^2 /NDF: 55.9/36

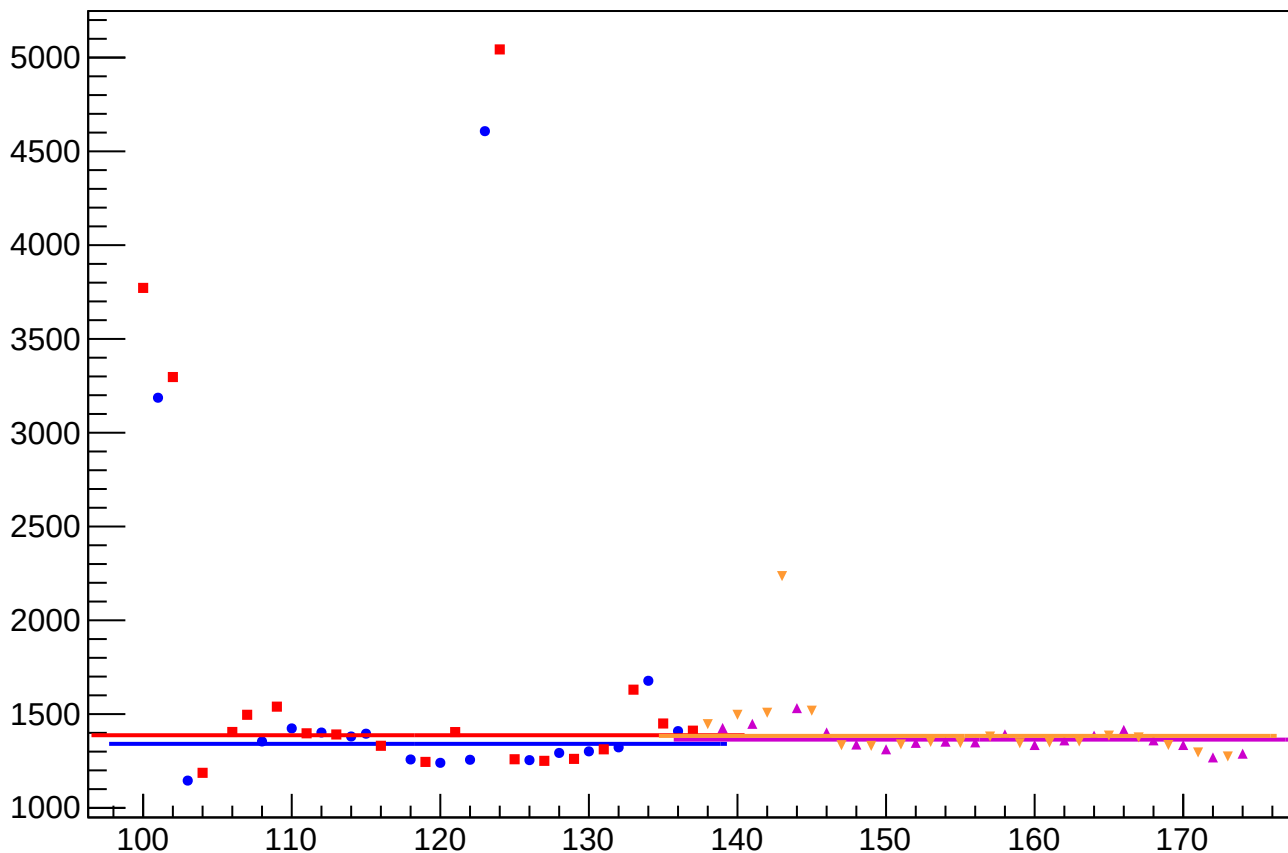
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1512.846 $\pm$ 303.827 χ^2 /NDF:54.3/37

All: 2103.279 $\pm$ 213.441 χ^2 /NDF: 93.3/72

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1383.956+/-0.260 χ^2/NDF : 285019.1/18

Right Out: 1387.348+/-0.381 χ^2/NDF : 650193.3/18

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

Left: 1373.836+/-0.183 χ^2/NDF : 340364.2/36

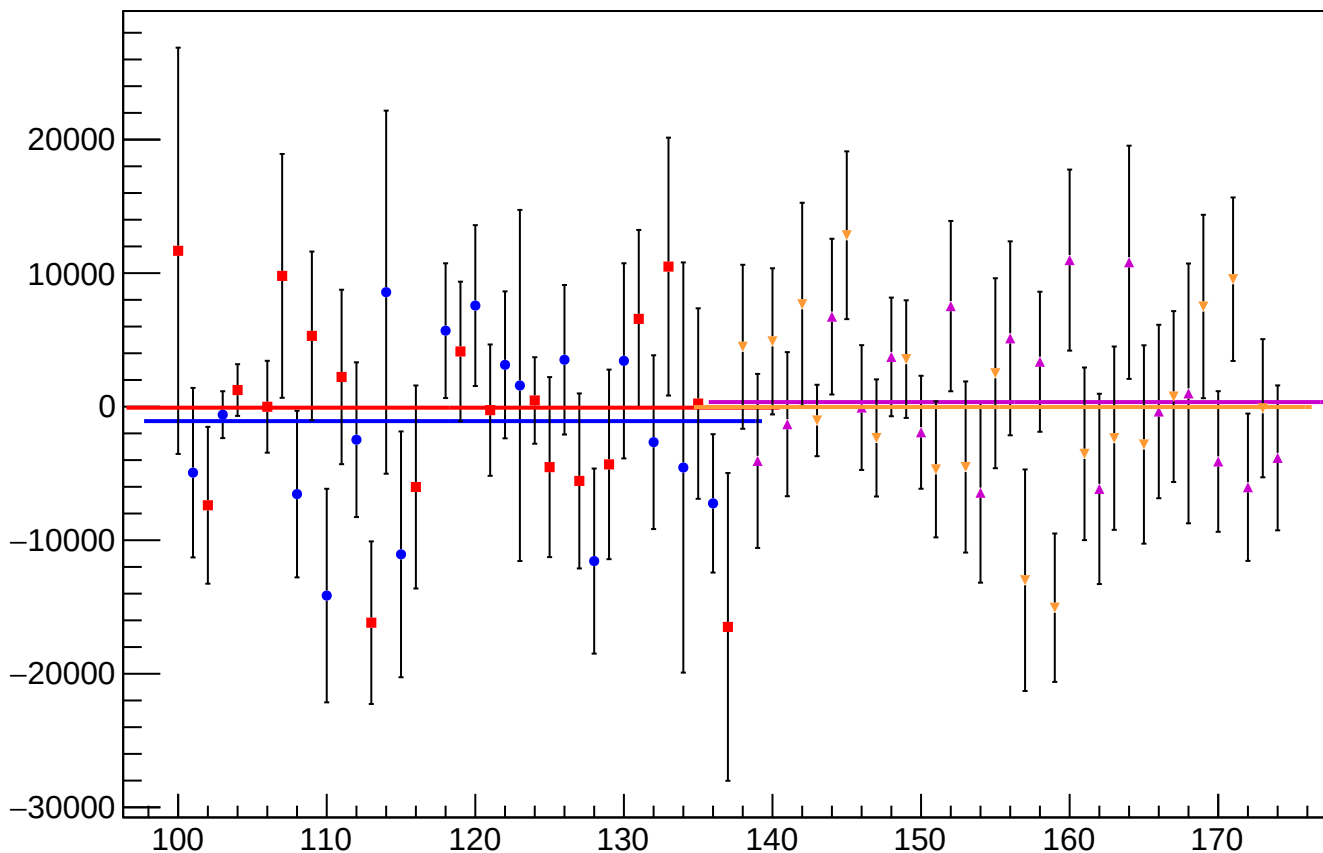
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1385.034+/-0.215 χ^2/NDF : 935266.4/37

All: 1370.713+/-0.151 χ^2/NDF : 1503129.3/72

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -27.424 $\pm$ 1241.784 χ^2 /NDF:23.1/18

Right Out: -74.089 $\pm$ 1126.219 χ^2 /NDF: 18.6/18

Left In: 344.728 $\pm$ 1369.233 χ^2 /NDF:13.1/17

Left: 140.530 $\pm$ 919.839 χ^2 /NDF: 36.2/36

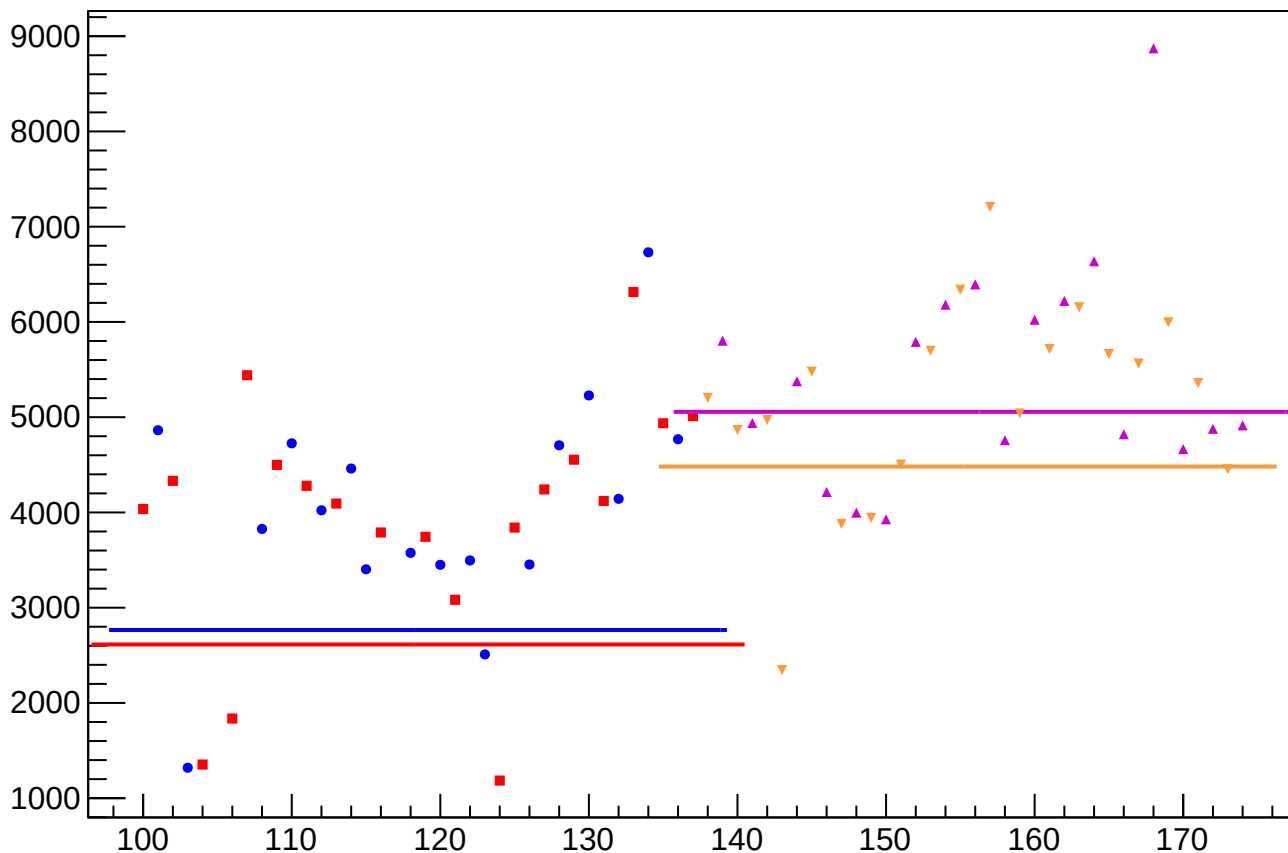
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -454.463 $\pm$ 907.696 χ^2 /NDF:28.7/34

Out: -53.028 $\pm$ 834.229 χ^2 /NDF:41.7/37

All: -236.845 $\pm$ 614.222 χ^2 /NDF: 70.5/72

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4481.623 $\pm$ 0.878 χ^2 /NDF: 2322002.6/18

Right Out: 2613.368 $\pm$ 0.796 χ^2 /NDF: 3339918.9/18

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

Left: 4740.903 $\pm$ 0.650 χ^2 /NDF: 3510107.6/36

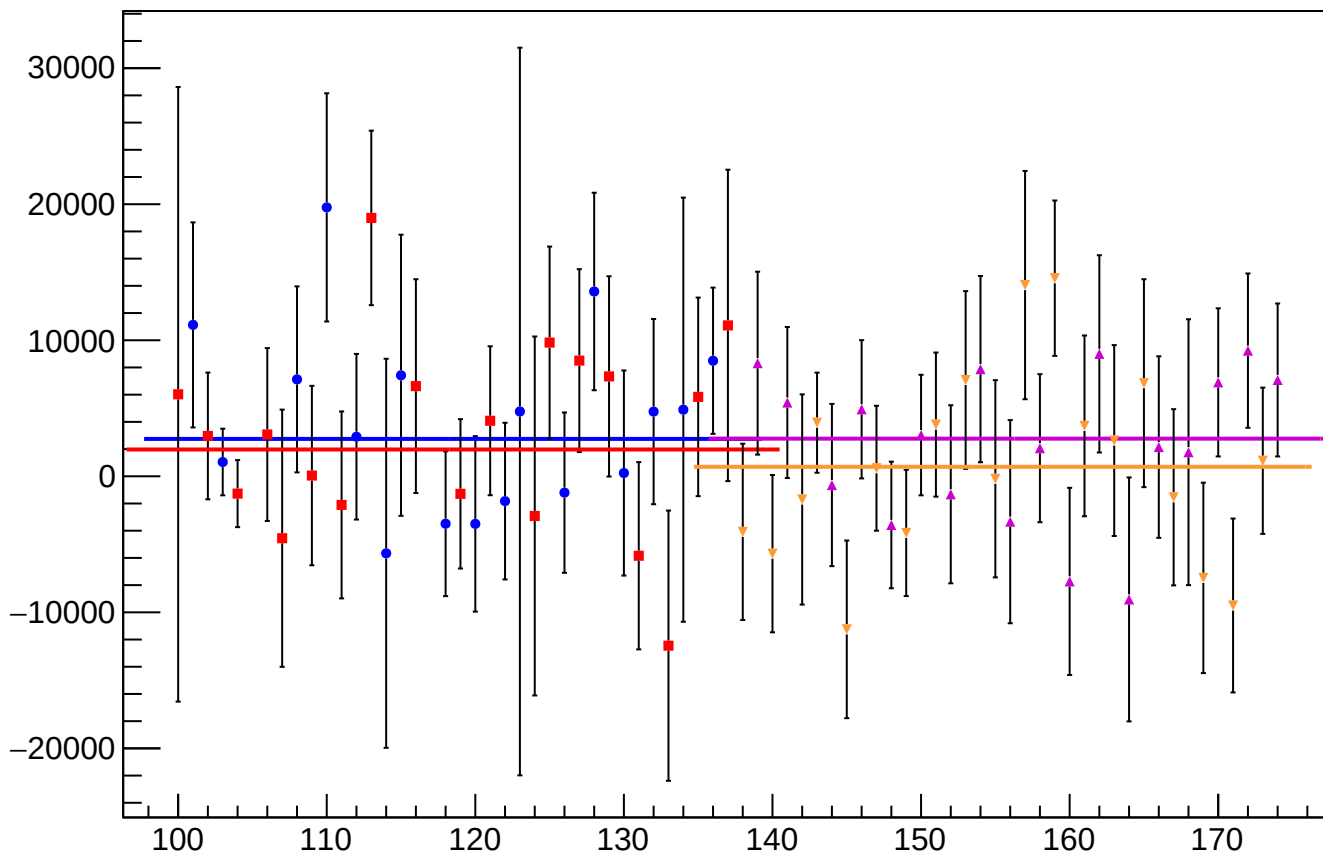
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

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

Out: 3456.536 $\pm$ 0.590 χ^2 /NDF: 8145825.0/37

All: 3601.120 $\pm$ 0.434 χ^2 /NDF: 15347900.0/71

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 697.262+/-1350.751 χ^2/NDF : 21.8/18

Right Out: 1971.156+/-1381.709 χ^2/NDF : 17.8/18

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

Left: 1681.664+/-978.223 χ^2/NDF : 35.1/36

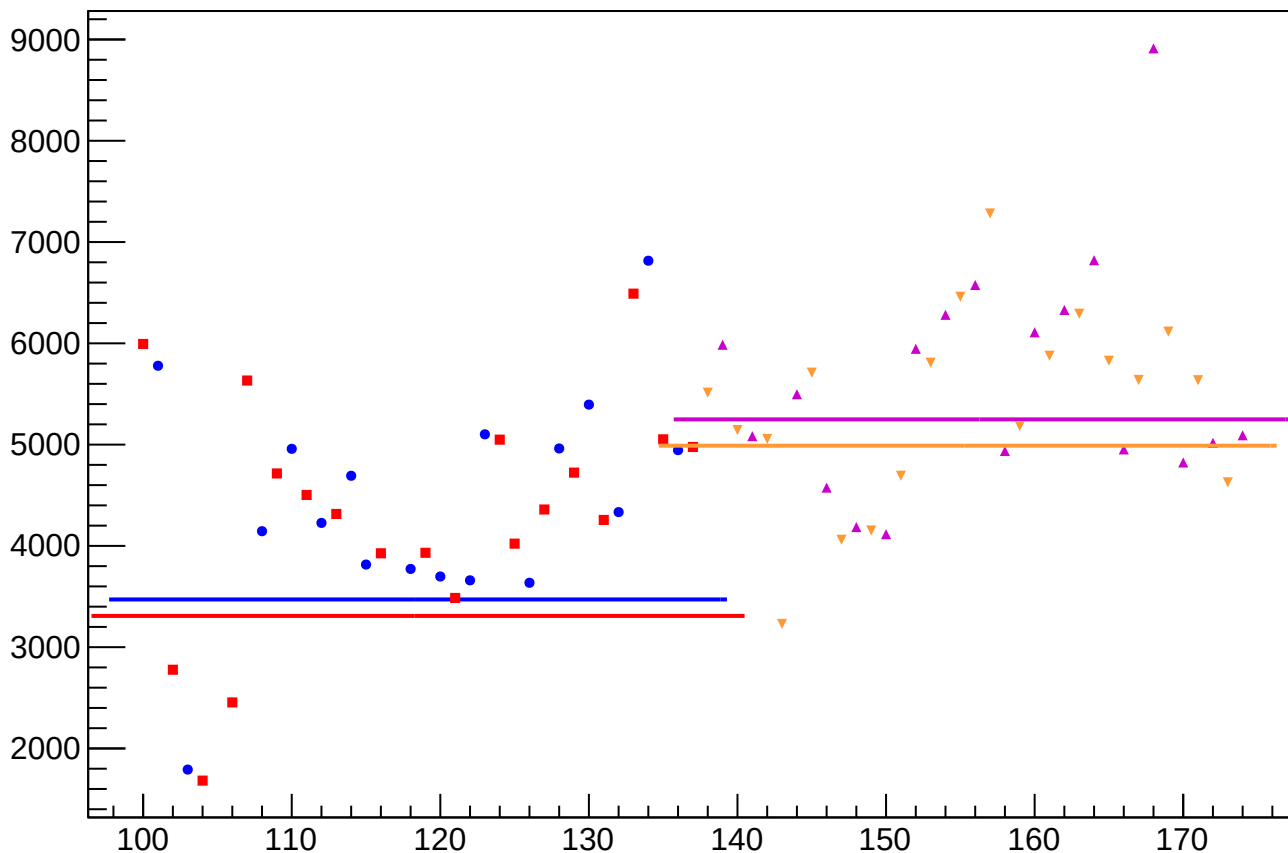
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1319.778+/-965.884 χ^2/NDF : 40.0/37

All: 2004.778+/-699.000 χ^2/NDF : 67.1/72

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 4989.421+/-0.955 χ^2/NDF : 1145359.2/18

Right Out: 3308.555+/-0.968 χ^2/NDF : 1914383.5/18

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

Left: 5112.912+/-0.692 χ^2/NDF : 2057368.0/36

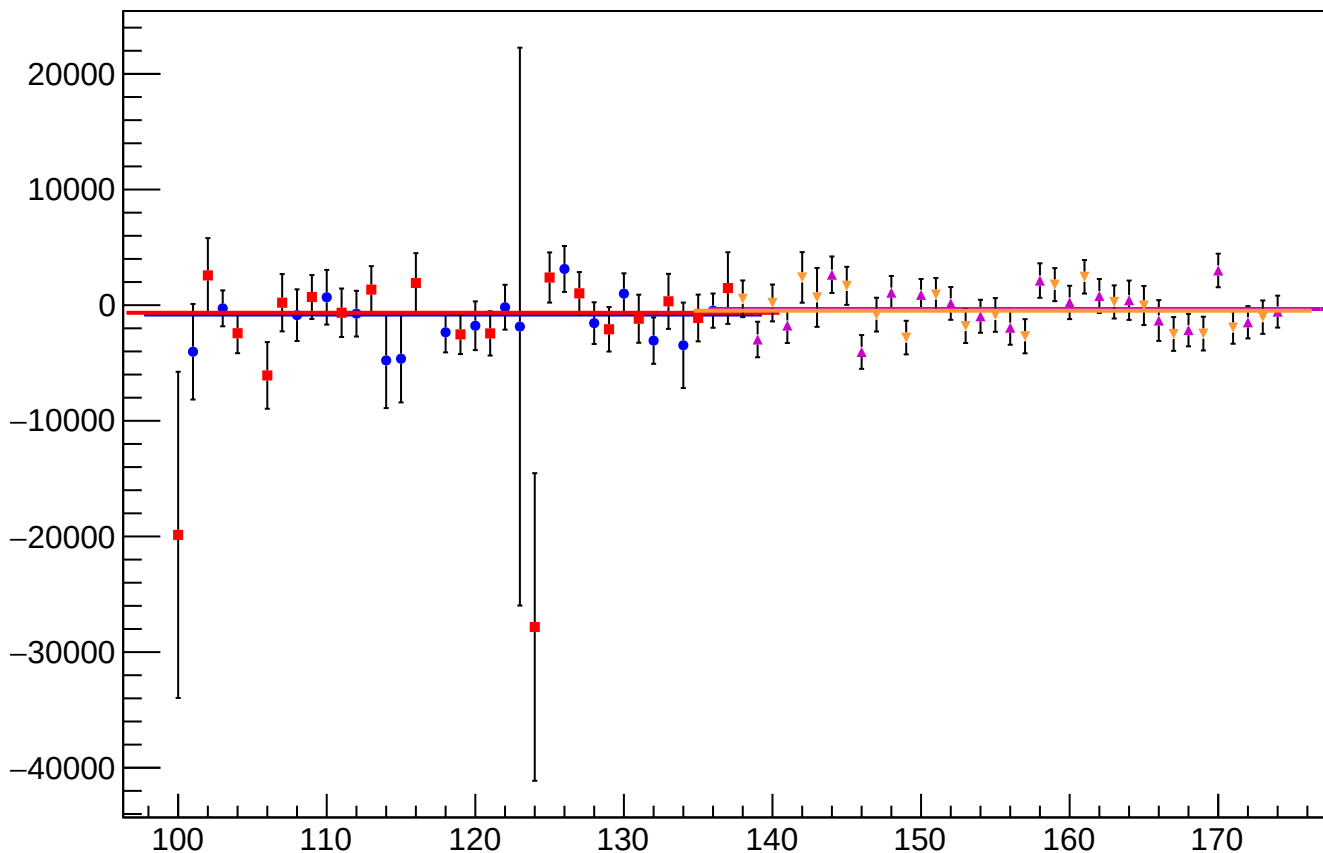
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4160.317+/-0.680 χ^2/NDF : 4587384.4/37

All: 4263.282+/-0.493 χ^2/NDF : 8820654.3/72

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -475.867+/-351.755 χ^2/NDF : 22.8/18

Right Out: -656.248+/-514.588 χ^2/NDF : 20.4/18

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

Left: -401.468+/-247.243 χ^2/NDF : 51.7/36

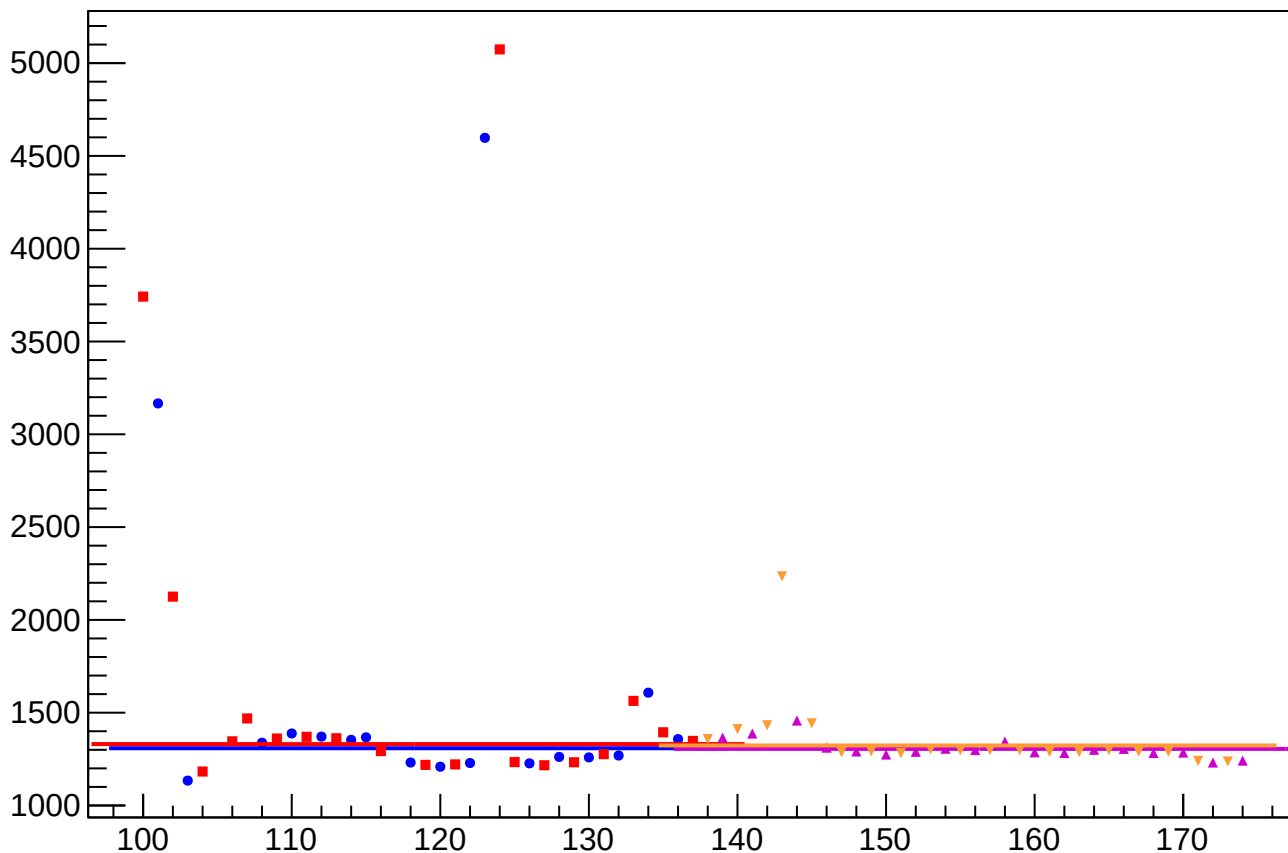
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -533.311+/-290.393 χ^2/NDF : 43.3/37

All: -505.407+/-204.725 χ^2/NDF : 83.9/72

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1323.361+/-0.249 χ^2/NDF : 303566.4/18

Right Out: 1330.860+/-0.364 χ^2/NDF : 415845.6/18

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

Left: 1314.024+/-0.175 χ^2/NDF : 348500.4/36

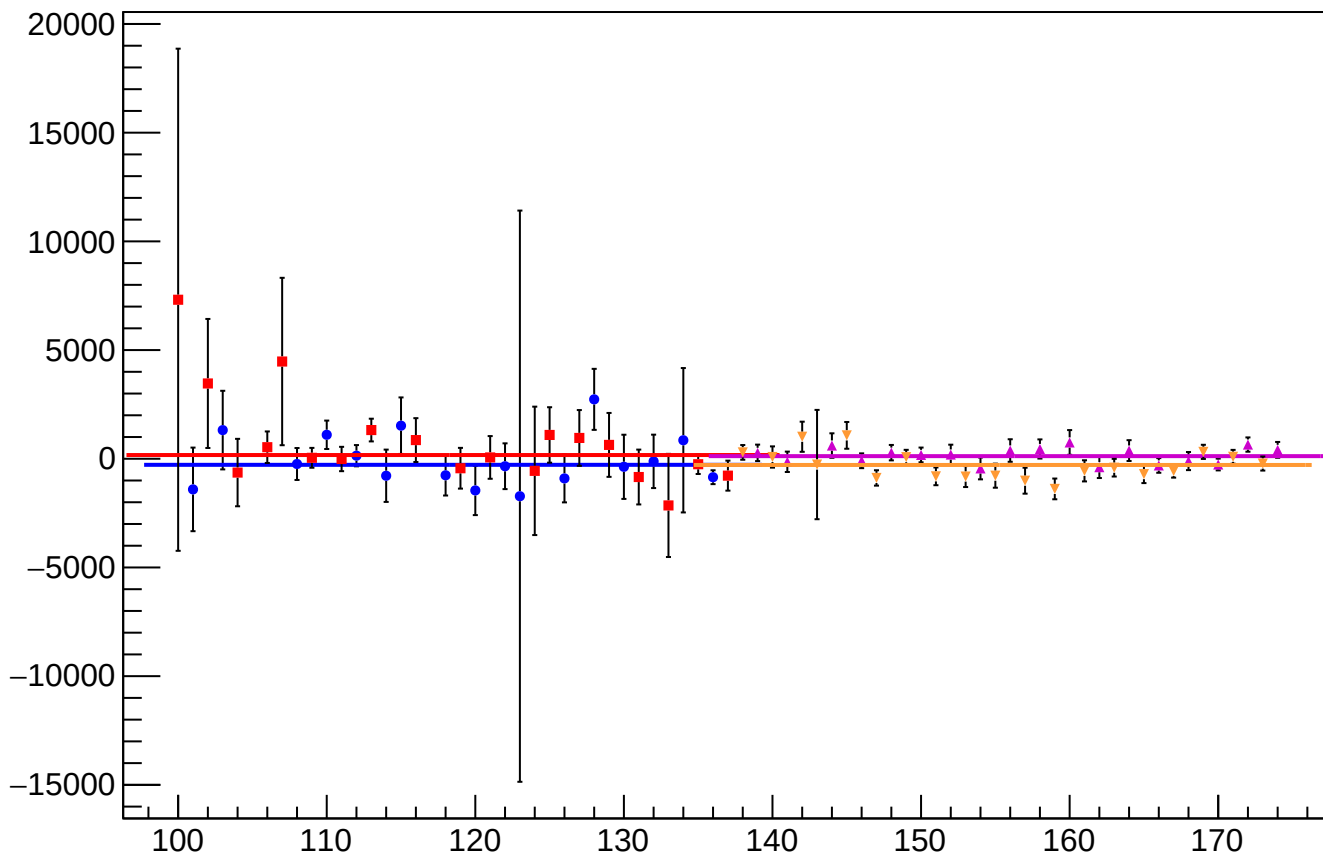
Right: 1319.692+/-0.258 χ^2/NDF : 924287.9/35

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

Out: 1325.749+/-0.205 χ^2/NDF : 719701.4/37

All: 1315.806+/-0.145 χ^2/NDF : 1273118.8/72

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -285.217 $\pm$ 94.797 χ^2 /NDF:33.5/18

Right Out: 171.593 $\pm$ 192.461 χ^2 /NDF: 14.7/18

Left In: 120.924 $\pm$ 93.643 χ^2 /NDF:13.6/17

Left: -79.659 $\pm$ 66.620 χ^2 /NDF: 56.4/36

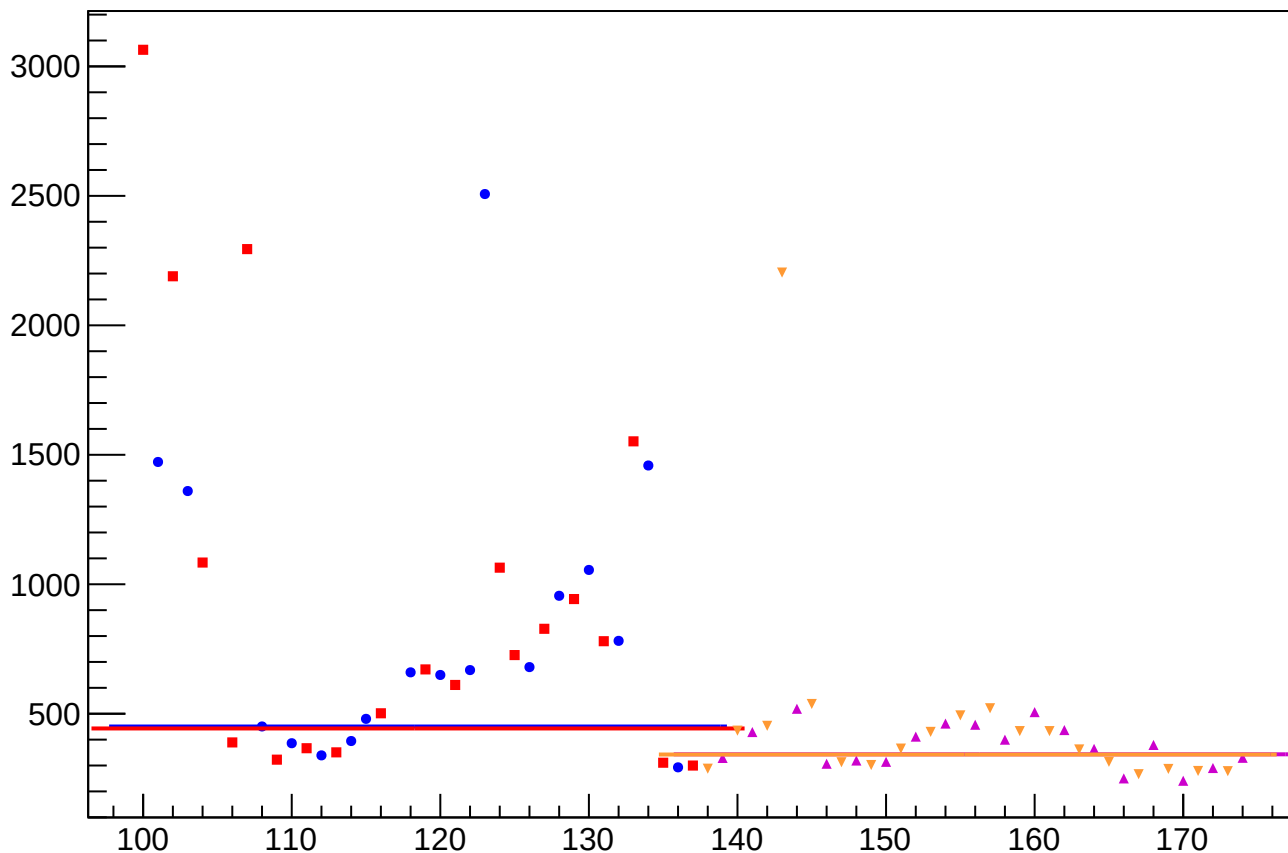
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 47.949 $\pm$ 84.662 χ^2 /NDF:35.0/34

Out: -196.029 $\pm$ 85.041 χ^2 /NDF:52.8/37

All: -73.496 $\pm$ 59.999 χ^2 /NDF: 91.9/72

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 342.463 $\pm$ 0.067 χ^2 /NDF: 2412851.4/18

Right Out: 443.096 $\pm$ 0.136 χ^2 /NDF: 3471372.7/18

Left In: 343.274 $\pm$ 0.066 χ^2 /NDF: 1340740.0/17

Left: 342.873 $\pm$ 0.047 χ^2 /NDF: 3753665.4/36

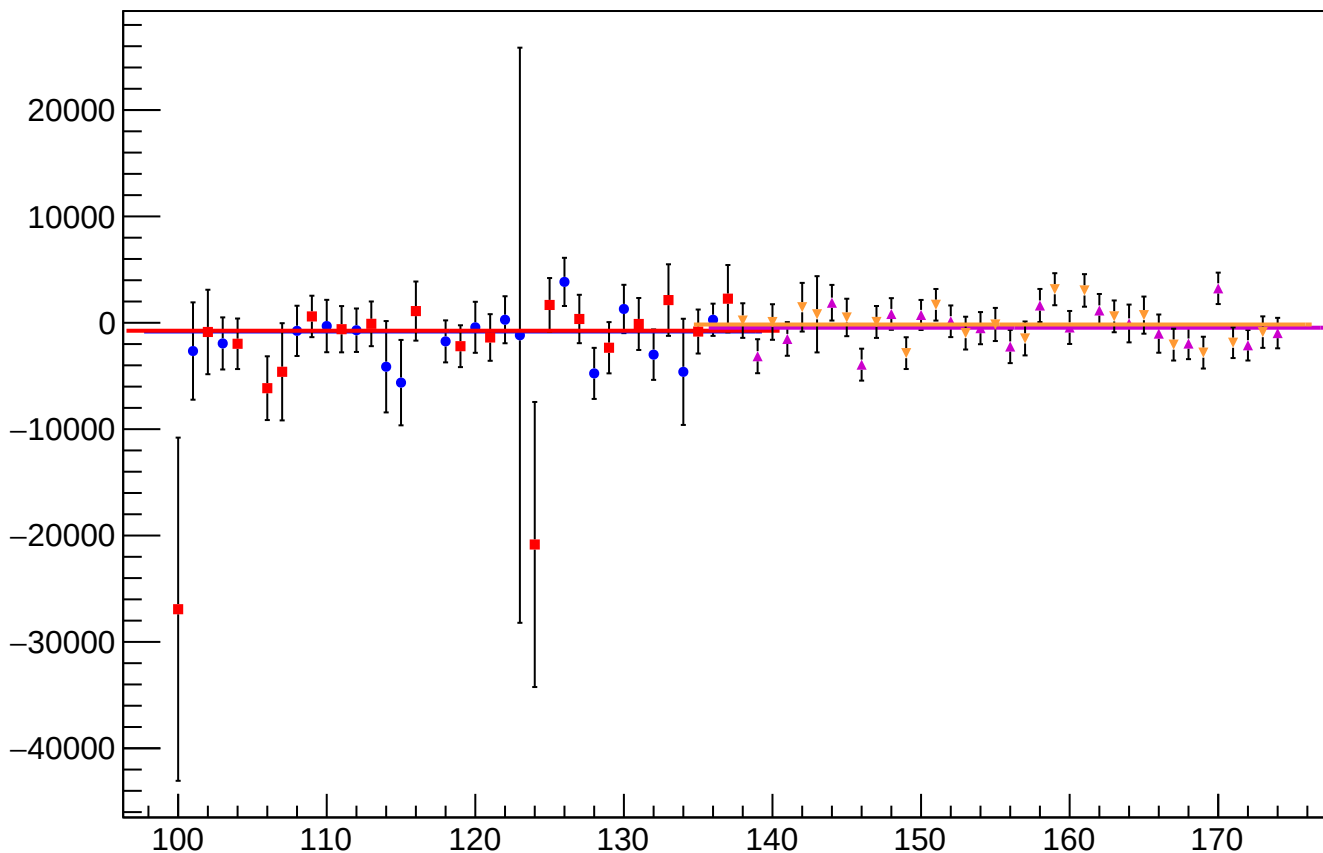
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 362.871 $\pm$ 0.060 χ^2 /NDF: 4818174.2/34

Out: 362.111 $\pm$ 0.060 χ^2 /NDF: 6324261.0/37

All: 362.493 $\pm$ 0.042 χ^2 /NDF: 11142515.6/72

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -161.793+/-368.248 χ^2/NDF : 22.7/18

Right Out: -746.365+/-595.659 χ^2/NDF : 14.1/18

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

Left: -314.856+/-258.291 χ^2/NDF : 48.3/36

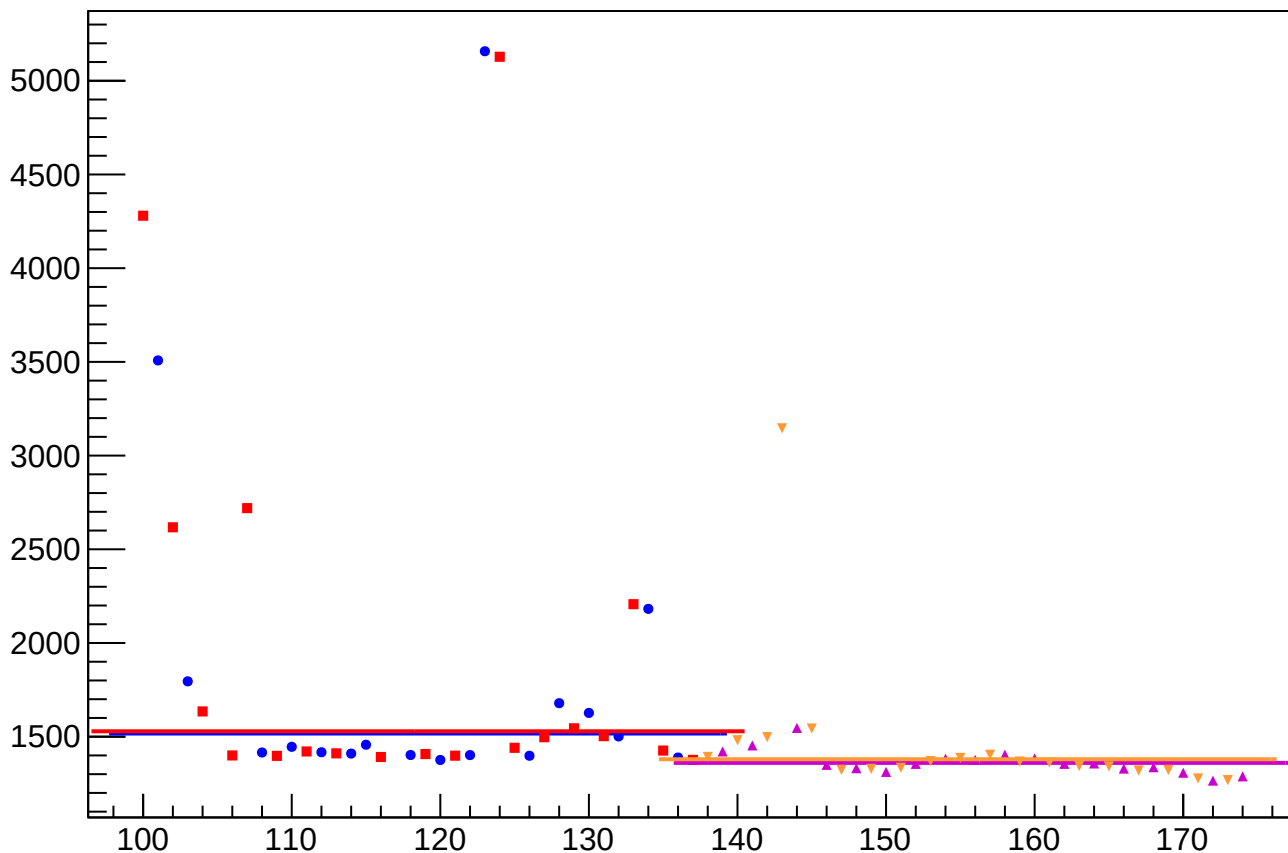
Right: -781.413+/-423.122 χ^2/NDF : 26.8/35

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

Out: -323.435+/-313.224 χ^2/NDF : 37.5/37

All: -441.514+/-220.461 χ^2/NDF : 76.0/72

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1379.580 $\pm$ 0.260 χ^2 /NDF: 553534.9/18

Right Out: 1528.856 $\pm$ 0.421 χ^2 /NDF: 630181.6/18

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

Left: 1369.755 $\pm$ 0.183 χ^2 /NDF: 614286.9/36

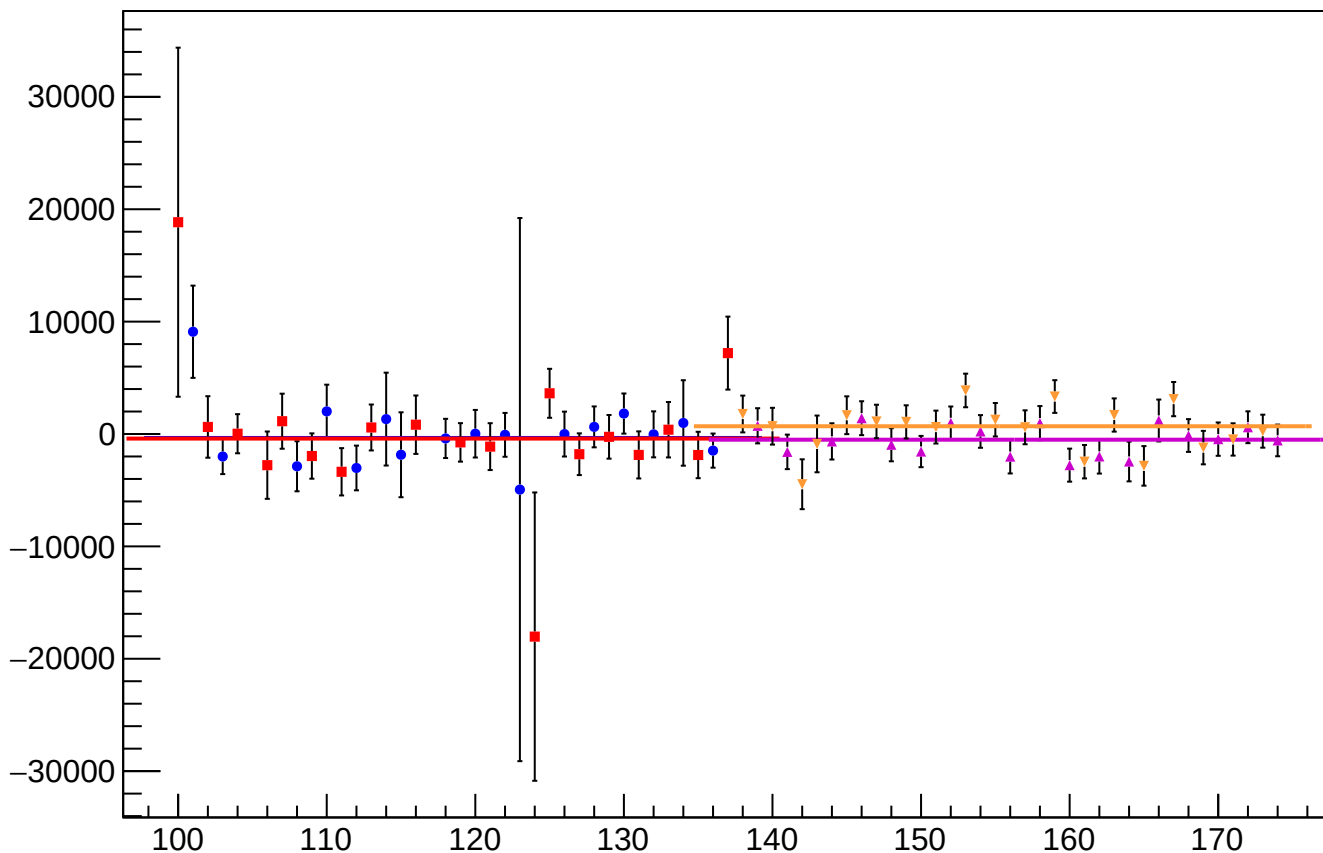
Right: 1522.950 $\pm$ 0.299 χ^2 /NDF: 1171618.0/35

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

Out: 1420.857 $\pm$ 0.221 χ^2 /NDF: 1274591.9/37

All: 1411.344 $\pm$ 0.156 χ^2 /NDF: 1976906.3/72

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 689.520 ± 360.176 $\chi^2/\text{NDF}: 28.6/18$

Right Out: -407.388 ± 522.047 $\chi^2/\text{NDF}: 18.4/18$

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

Left: 84.479 ± 253.244 $\chi^2/\text{NDF}: 46.9/36$

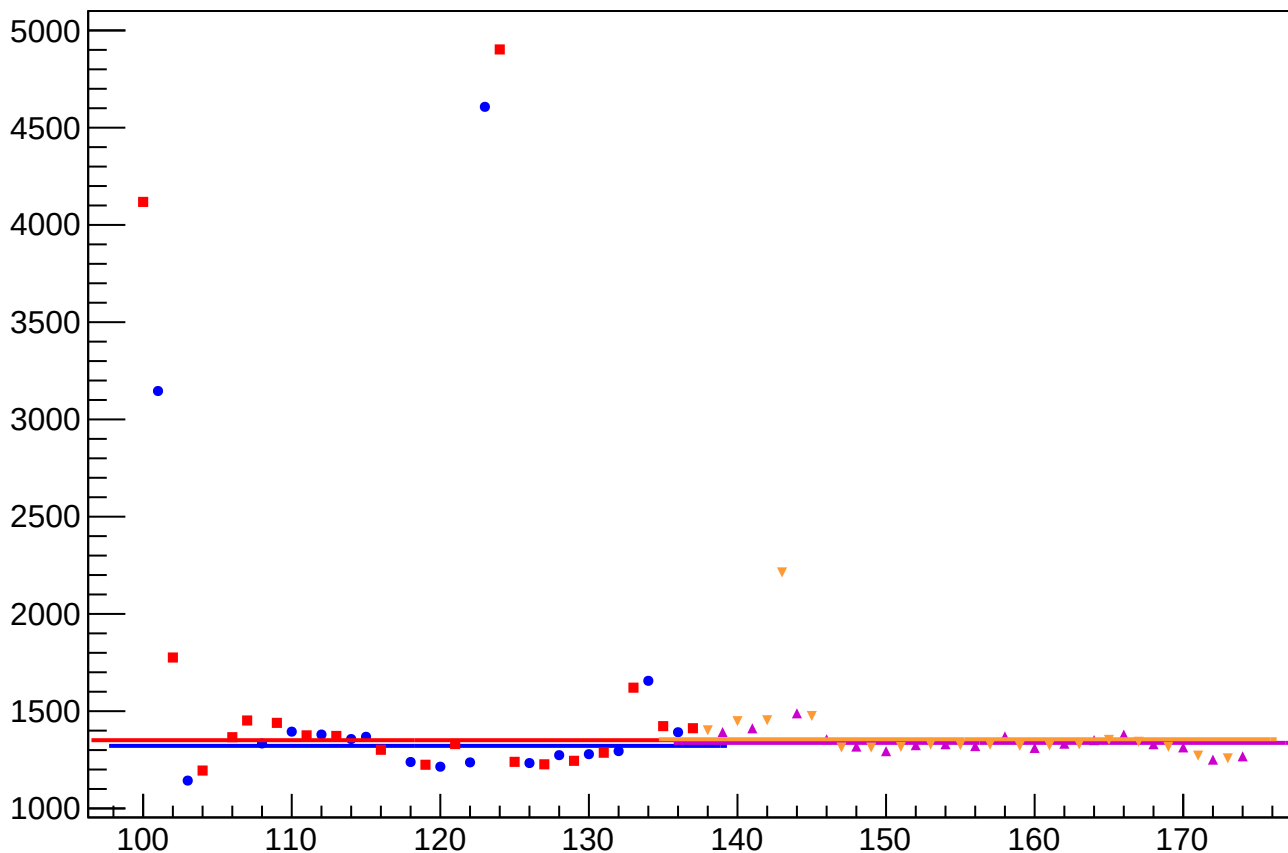
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

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

Out: 335.773 ± 296.463 $\chi^2/\text{NDF}: 50.0/37$

All: -64.023 ± 208.908 $\chi^2/\text{NDF}: 79.8/72$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1355.662 $\pm$ 0.255 χ^2 /NDF: 279914.6/18

Right Out: 1350.773 $\pm$ 0.369 χ^2 /NDF: 349883.8/18

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

Left: 1346.258 $\pm$ 0.179 χ^2 /NDF: 326118.8/36

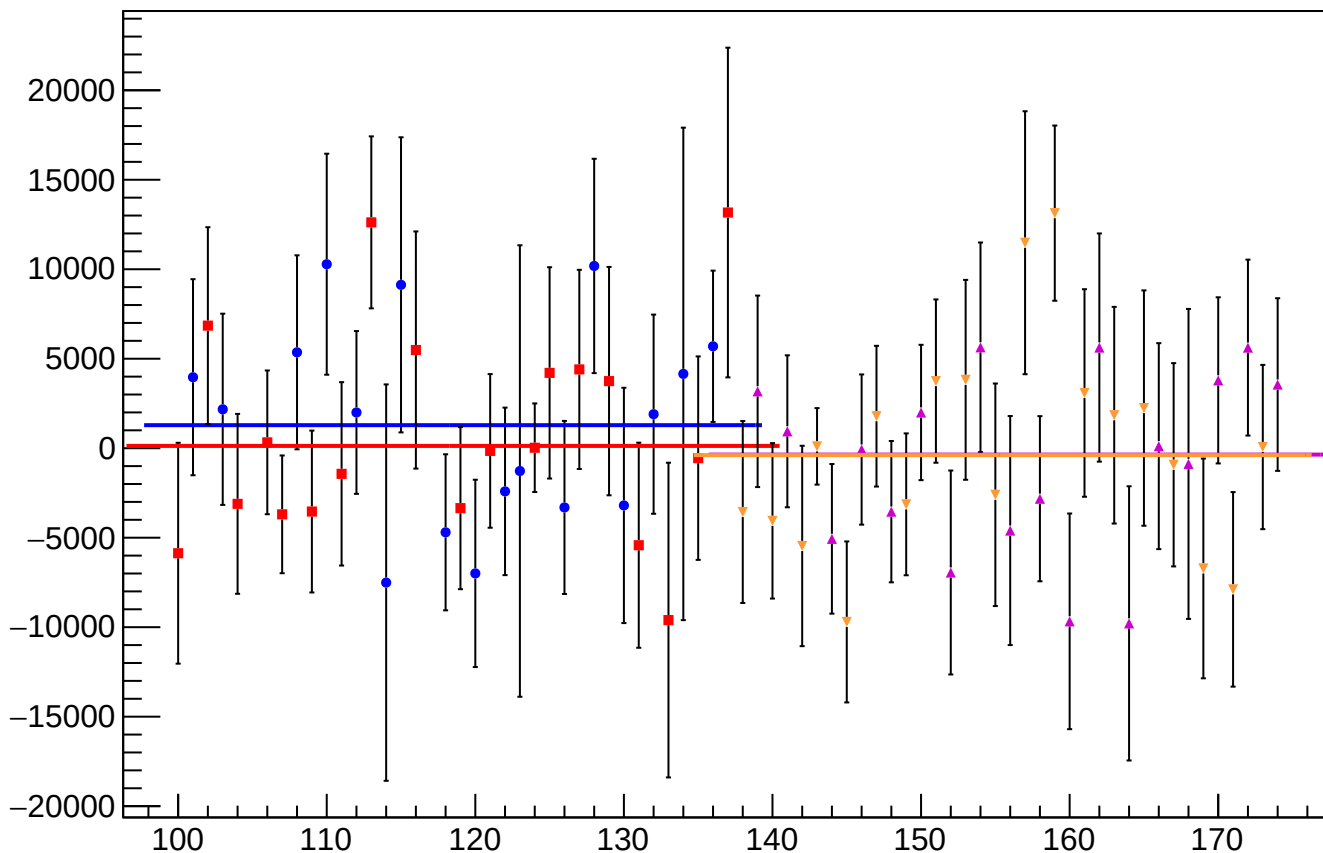
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

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

Out: 1354.084 $\pm$ 0.210 χ^2 /NDF: 629917.3/37

All: 1343.069 $\pm$ 0.148 χ^2 /NDF: 1182335.4/72

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -385.336+/-1050.859 χ^2/NDF : 22.5/18

Right Out: 128.973+/-1088.247 χ^2/NDF : 18.5/18

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

Left: -372.666+/-785.934 χ^2/NDF : 36.1/36

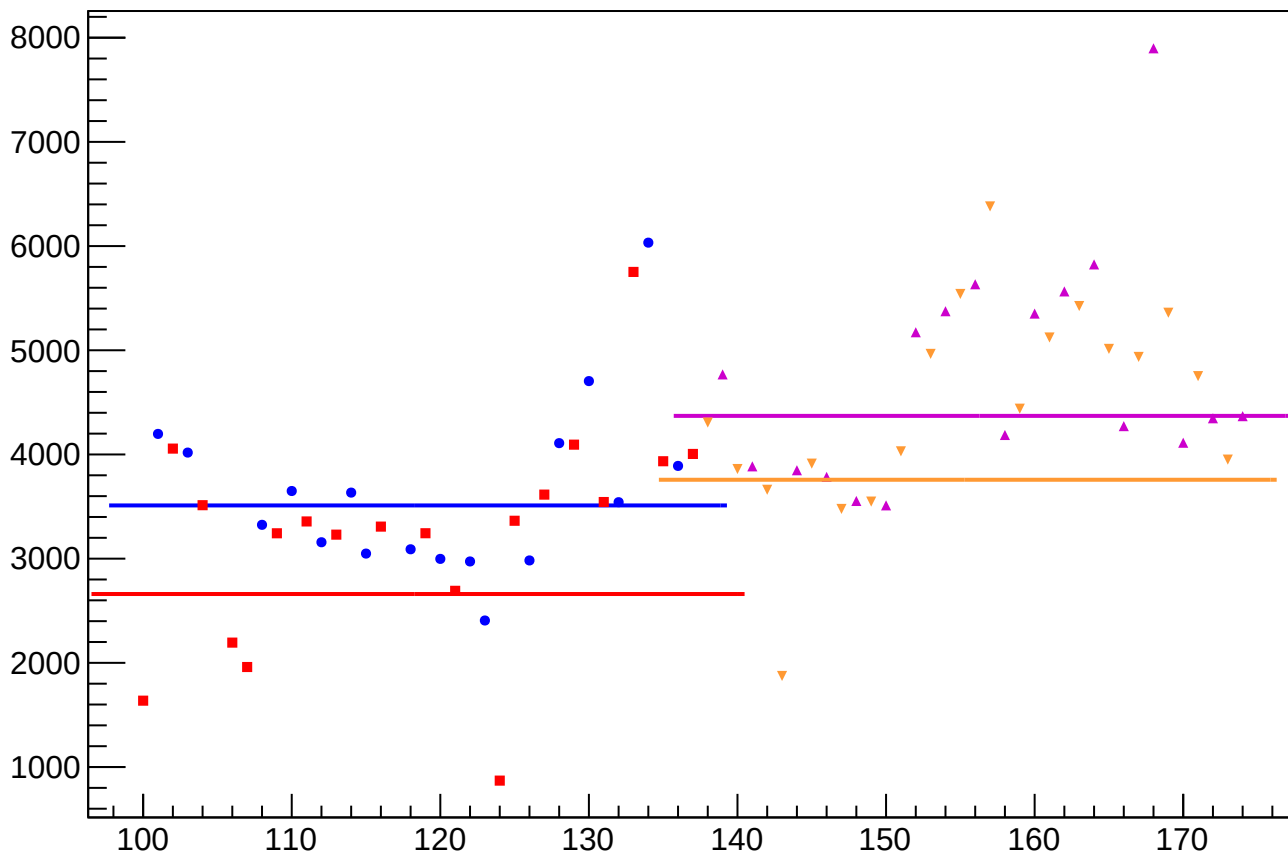
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: -137.168+/-755.942 χ^2/NDF : 41.1/37

All: 62.083+/-578.161 χ^2/NDF : 70.1/72

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: 3757.219 $\pm$ 0.743 χ^2 /NDF: 2782711.2/18

Right Out: 2660.636 $\pm$ 0.770 χ^2 /NDF: 2182658.0/18

Left In: 4370.319 $\pm$ 0.837 χ^2 /NDF: 1009521.9/17

Left: 4027.382 $\pm$ 0.556 χ^2 /NDF: 4092217.5/36

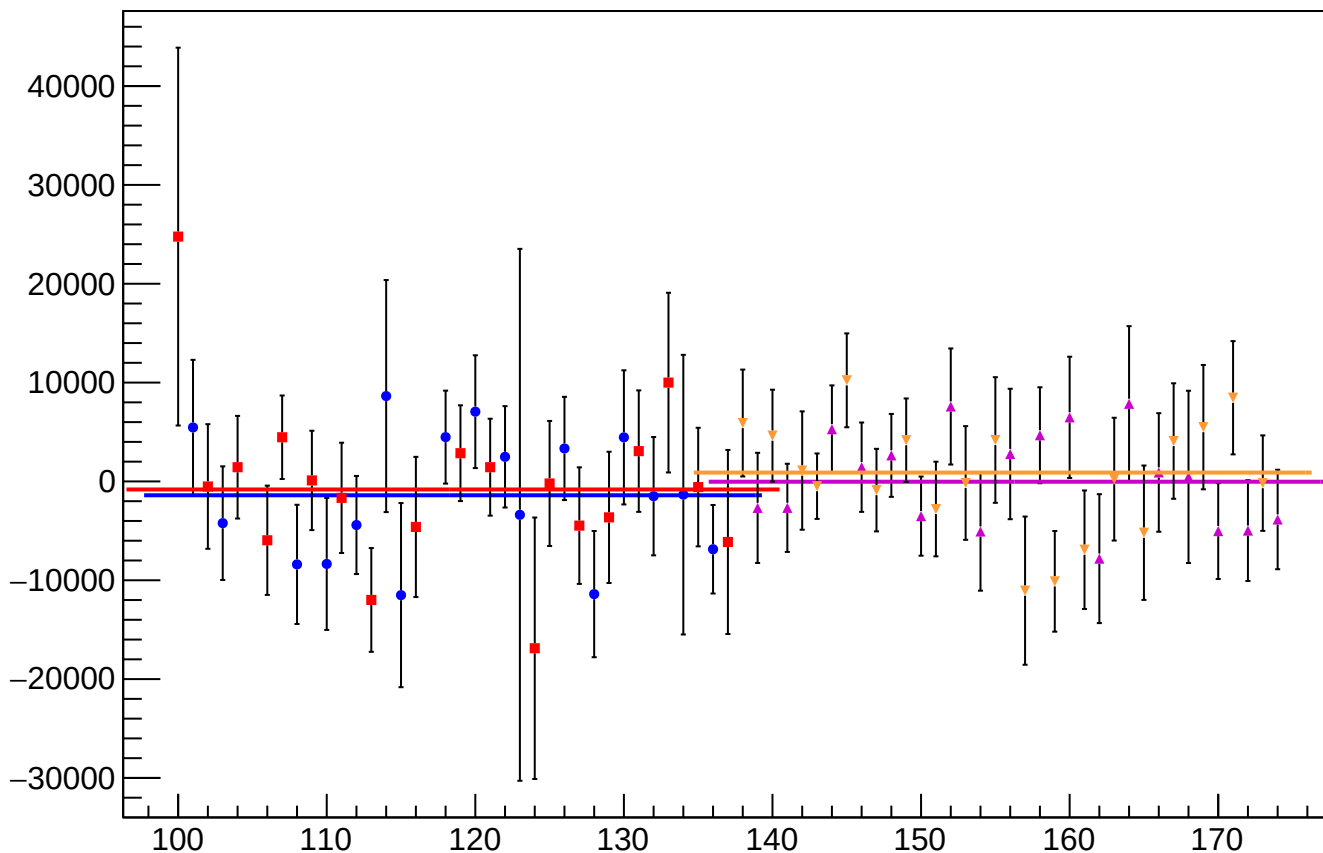
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

In: 4004.630 $\pm$ 0.635 χ^2 /NDF: 1802033.8/34

Out: 3228.089 $\pm$ 0.535 χ^2 /NDF: 6016231.4/37

All: 3550.390 $\pm$ 0.409 χ^2 /NDF: 8694217.5/72

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1401.442 ± 1504.149 $\chi^2/\text{NDF}: 15.8/16$

Left Out: 896.233 ± 1182.090 $\chi^2/\text{NDF}: 19.6/18$

Right Out: -814.071 ± 1379.106 $\chi^2/\text{NDF}: 14.3/18$

Left In: -30.333 ± 1238.960 $\chi^2/\text{NDF}: 12.9/17$

Left: 454.702 ± 855.262 $\chi^2/\text{NDF}: 32.8/36$

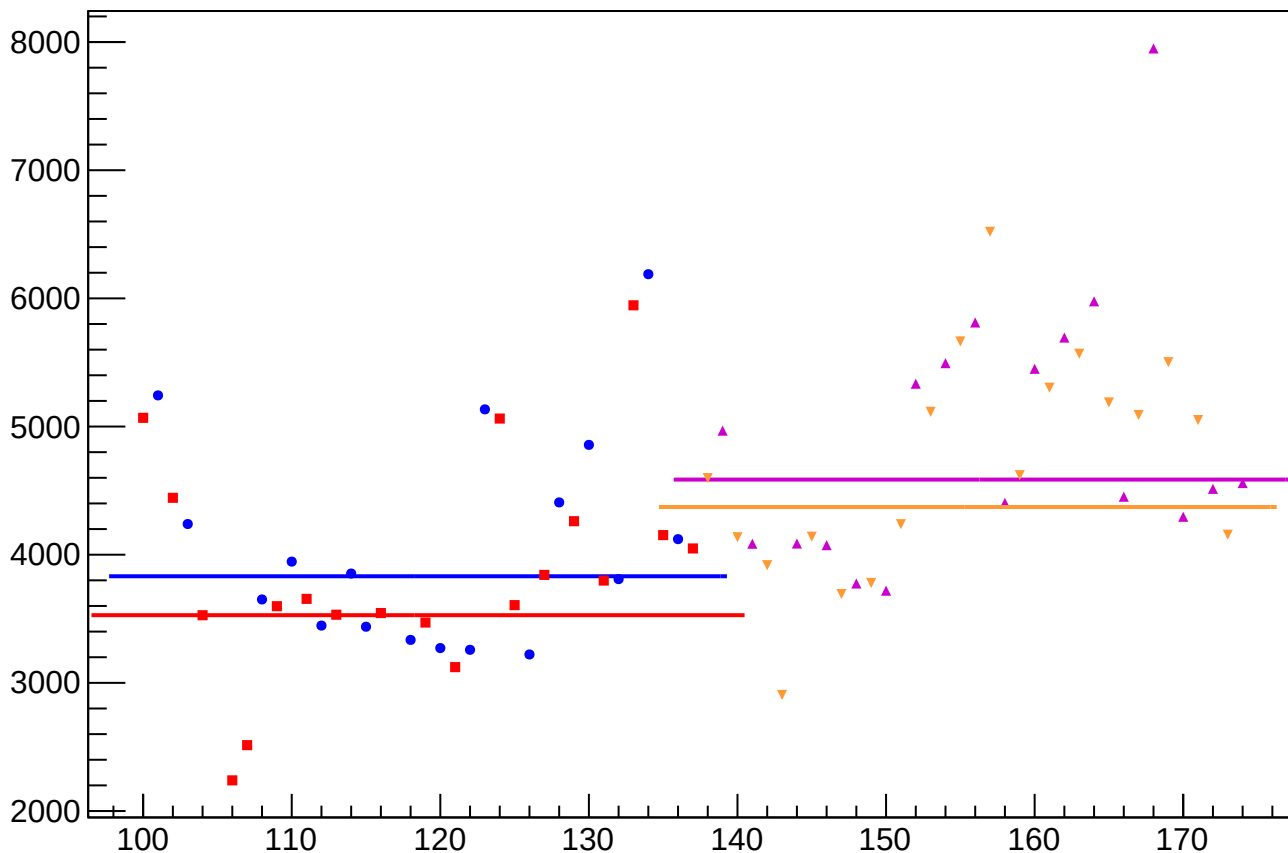
Right: -1082.331 ± 1016.512 $\chi^2/\text{NDF}: 30.1/35$

In: -584.563 ± 956.313 $\chi^2/\text{NDF}: 29.2/34$

Out: 171.869 ± 897.510 $\chi^2/\text{NDF}: 34.7/37$

All: -182.377 ± 654.437 $\chi^2/\text{NDF}: 64.3/72$

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4372.004+/-0.836 χ^2/NDF : 1074016.4/18

Right Out: 3528.100+/-0.966 χ^2/NDF : 557192.5/18

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

Left: 4474.044+/-0.605 χ^2/NDF : 1976275.5/36

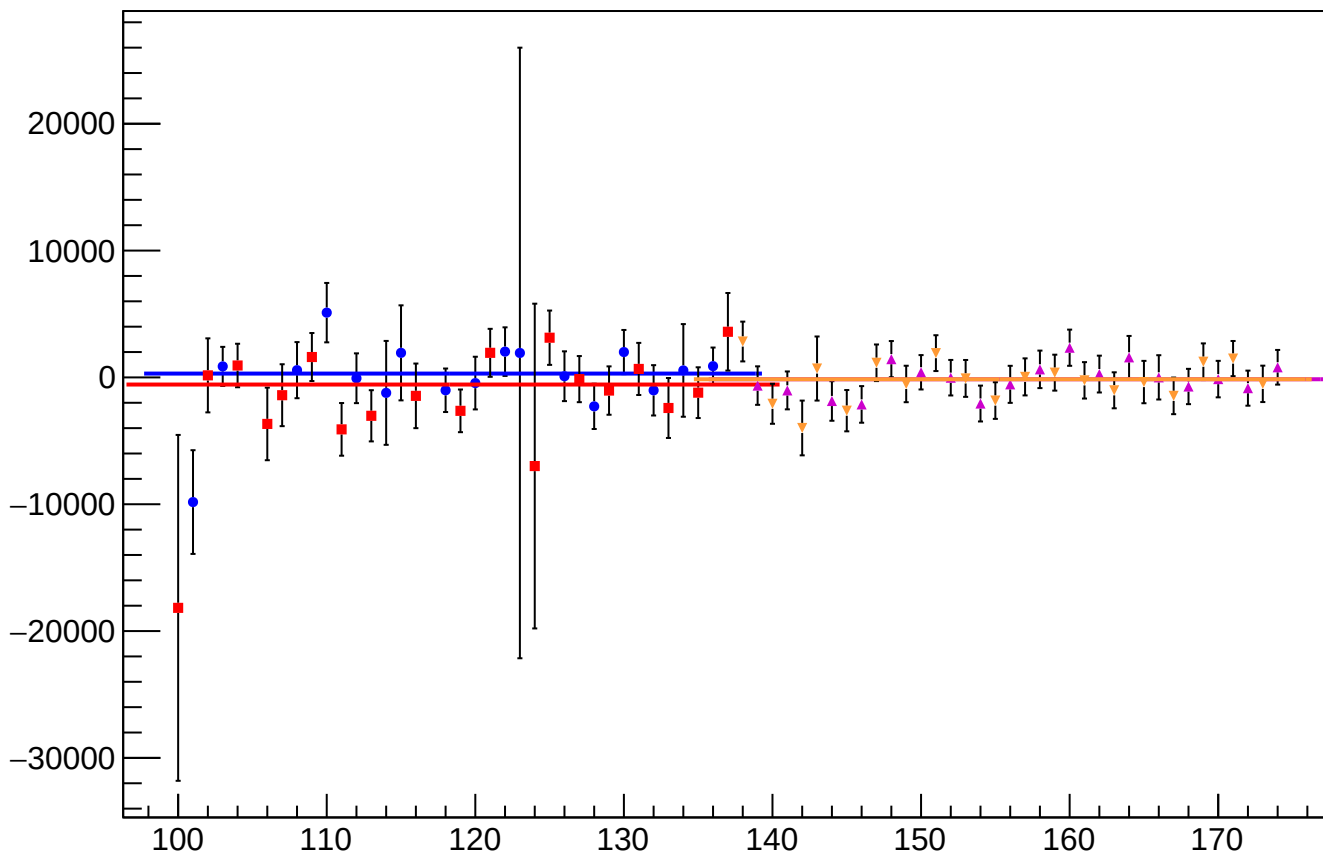
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

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

Out: 4010.817+/-0.632 χ^2/NDF : 2067476.5/37

All: 4136.926+/-0.462 χ^2/NDF : 3661175.3/72

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -144.752 $\pm$ 348.232 χ^2 /NDF:18.8/18

Right Out: -562.233 $\pm$ 508.331 χ^2 /NDF: 19.1/18

Left In: -144.899 $\pm$ 344.077 χ^2 /NDF:12.2/17

Left: -144.826 $\pm$ 244.755 χ^2 /NDF: 31.0/36

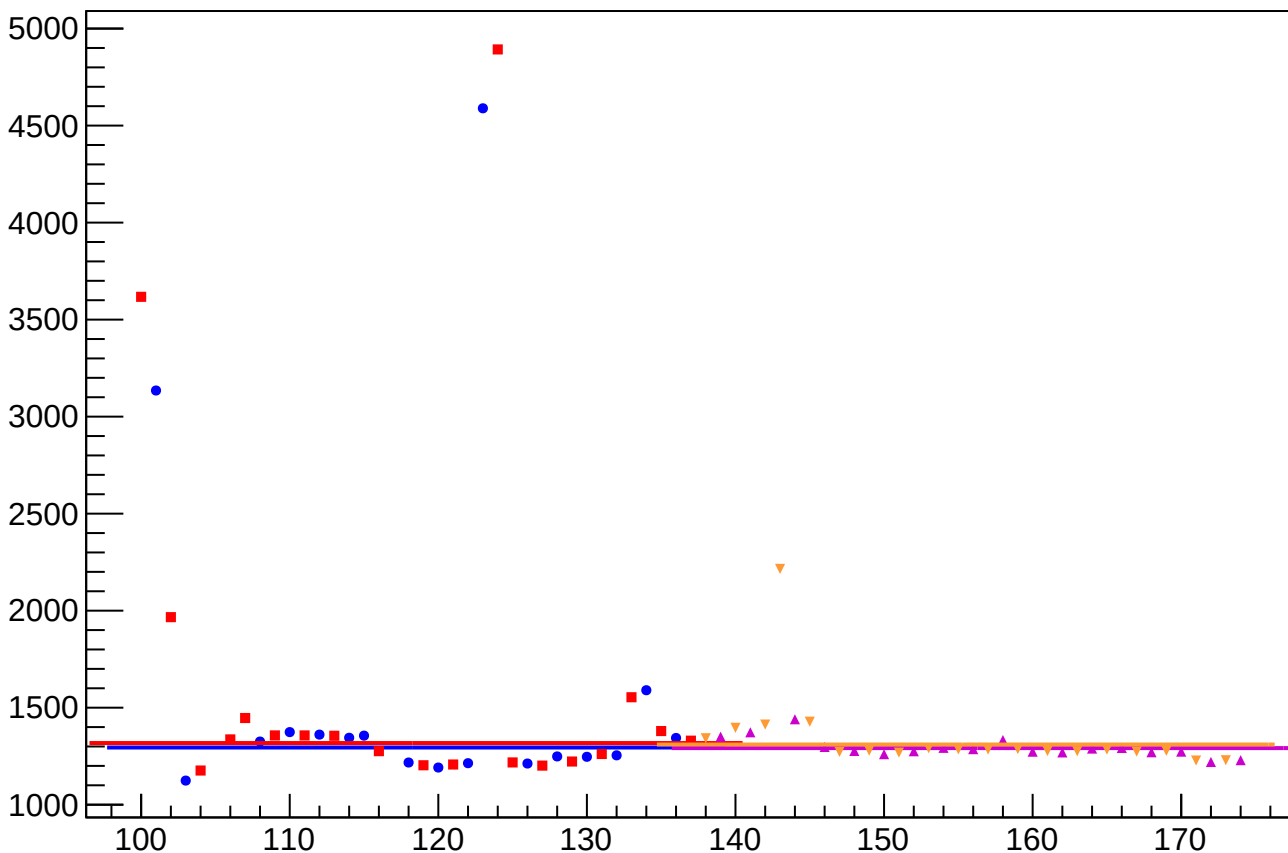
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -6.184 $\pm$ 285.725 χ^2 /NDF:28.8/34

Out: -278.095 $\pm$ 287.286 χ^2 /NDF:38.4/37

All: -141.399 $\pm$ 202.588 χ^2 /NDF: 67.7/72

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1310.045 $\pm$ 0.246 χ^2 /NDF:303256.4/18

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

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

Left: 1300.760 $\pm$ 0.173 χ^2 /NDF: 347460.2/36

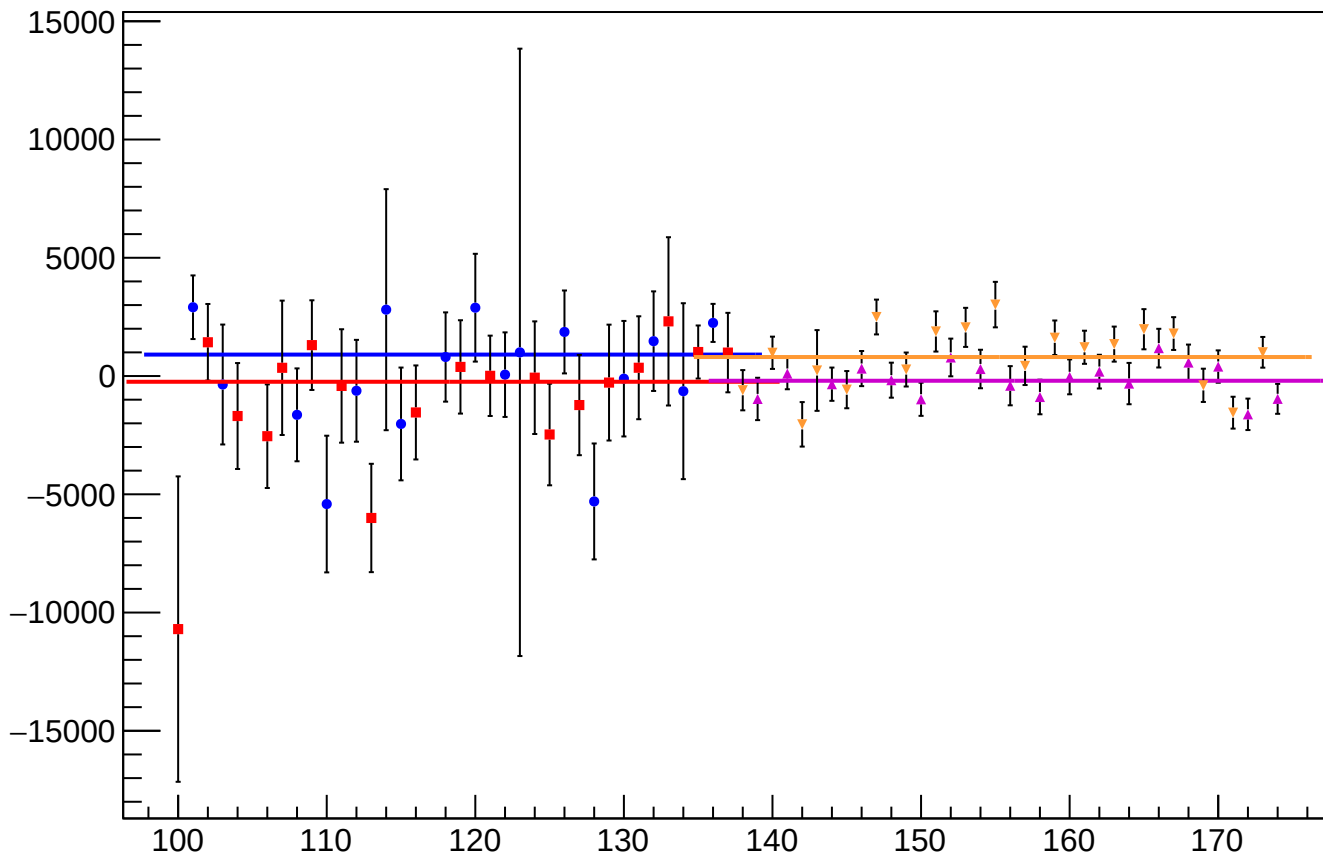
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

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

Out: 1312.518 $\pm$ 0.203 χ^2 /NDF:694379.7/37

All: 1302.523 $\pm$ 0.143 χ^2 /NDF: 1248441.0/72

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 803.384 $\pm$ 177.725 χ^2 /NDF:51.7/18

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -199.704 $\pm$ 174.402 χ^2 /NDF:16.6/17

Left: 292.375 $\pm$ 124.479 χ^2 /NDF: 84.5/36

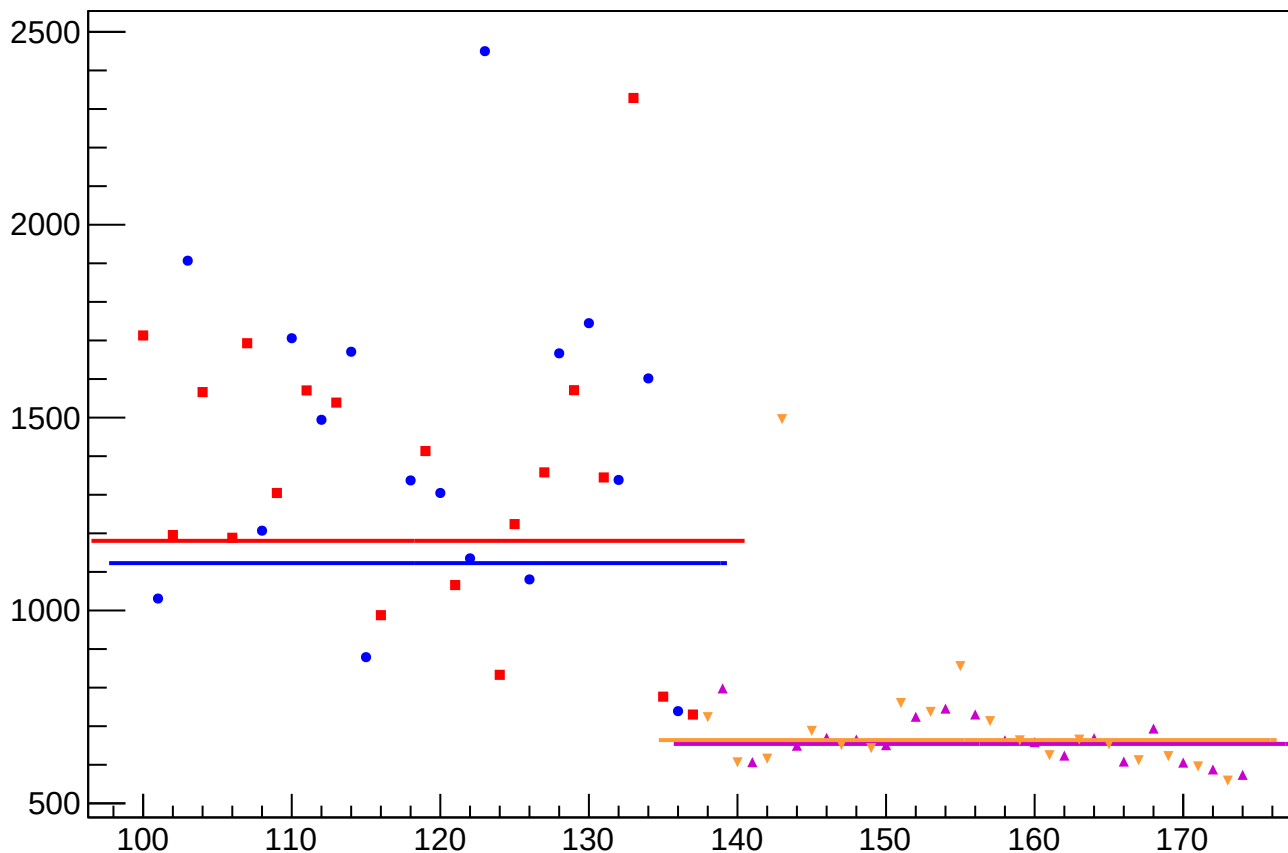
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -58.430 $\pm$ 162.888 χ^2 /NDF:43.7/34

Out: 669.265 $\pm$ 165.937 χ^2 /NDF:72.6/37

All: 298.670 $\pm$ 116.242 χ^2 /NDF: 126.1/72

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: 663.989+/-0.126 χ^2/NDF : 734478.3/18

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 654.092+/-0.123 χ^2/NDF : 199583.2/17

Left: 658.947+/-0.088 χ^2/NDF : 937221.2/36

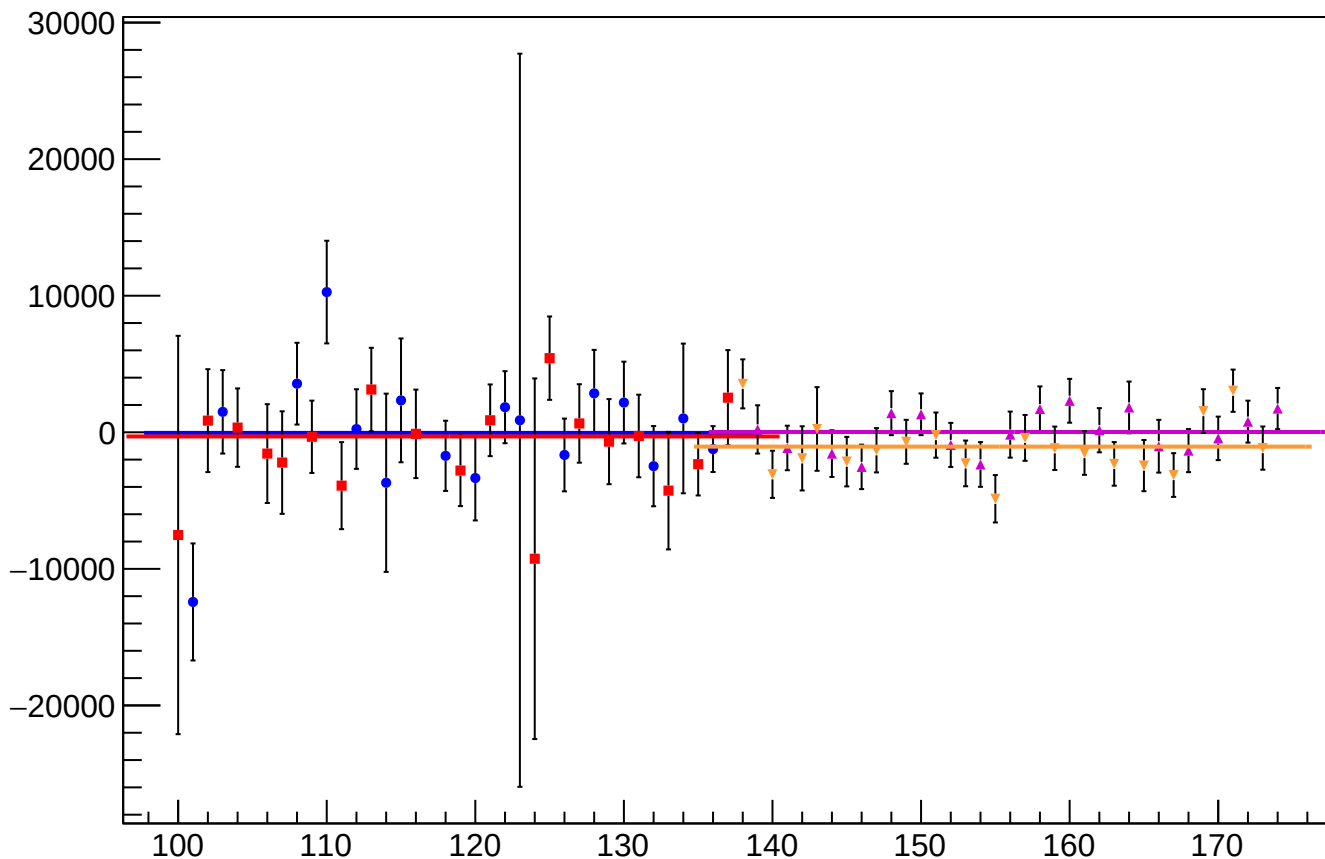
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 713.937+/-0.115 χ^2/NDF : 3231881.6/34

Out: 730.243+/-0.117 χ^2/NDF : 3936910.9/37

All: 721.939+/-0.082 χ^2/NDF : 7178627.9/72

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -1049.402 ± 393.064 $\chi^2/\text{NDF}: 27.1/18$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: 22.727 ± 386.869 $\chi^2/\text{NDF}: 14.4/17$

Left: -504.822 ± 275.722 $\chi^2/\text{NDF}: 45.2/36$

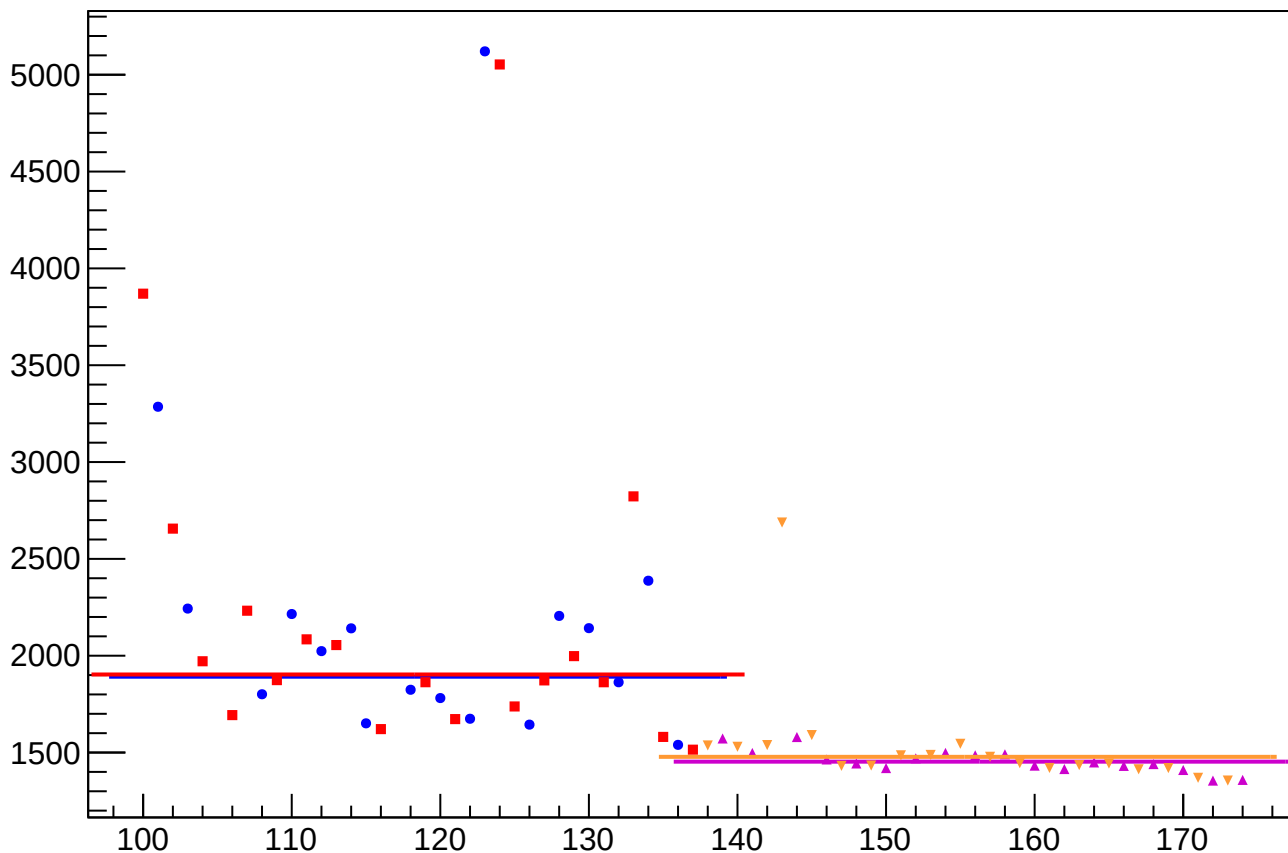
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: 8.555 ± 343.589 $\chi^2/\text{NDF}: 37.6/34$

Out: -883.380 ± 346.556 $\chi^2/\text{NDF}: 38.7/37$

All: -433.579 ± 243.996 $\chi^2/\text{NDF}: 79.7/72$

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: 1477.770 $\pm$ 0.278 χ^2 /NDF: 364670.4/18

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1452.902 $\pm$ 0.274 χ^2 /NDF: 45622.9/17

Left: 1465.139 $\pm$ 0.195 χ^2 /NDF: 414359.6/36

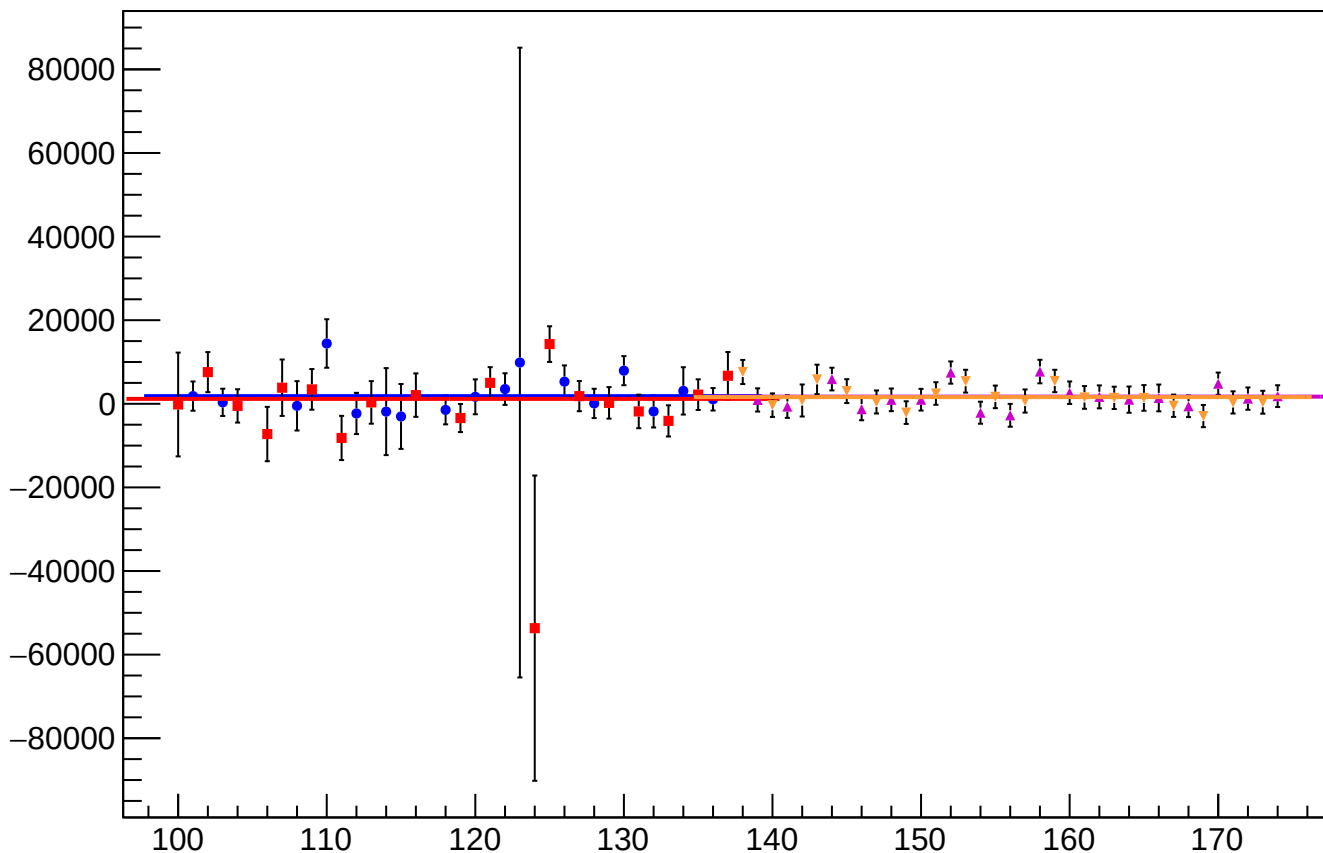
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1545.583 $\pm$ 0.243 χ^2 /NDF: 1058118.8/34

Out: 1572.450 $\pm$ 0.245 χ^2 /NDF: 1346004.1/37

All: 1558.901 $\pm$ 0.173 χ^2 /NDF: 2410184.5/72

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1602.018 $\pm$ 644.915 χ^2 /NDF:16.8/18

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1712.981 $\pm$ 642.658 χ^2 /NDF:21.1/17

Left: 1657.694 $\pm$ 455.223 χ^2 /NDF: 37.9/36

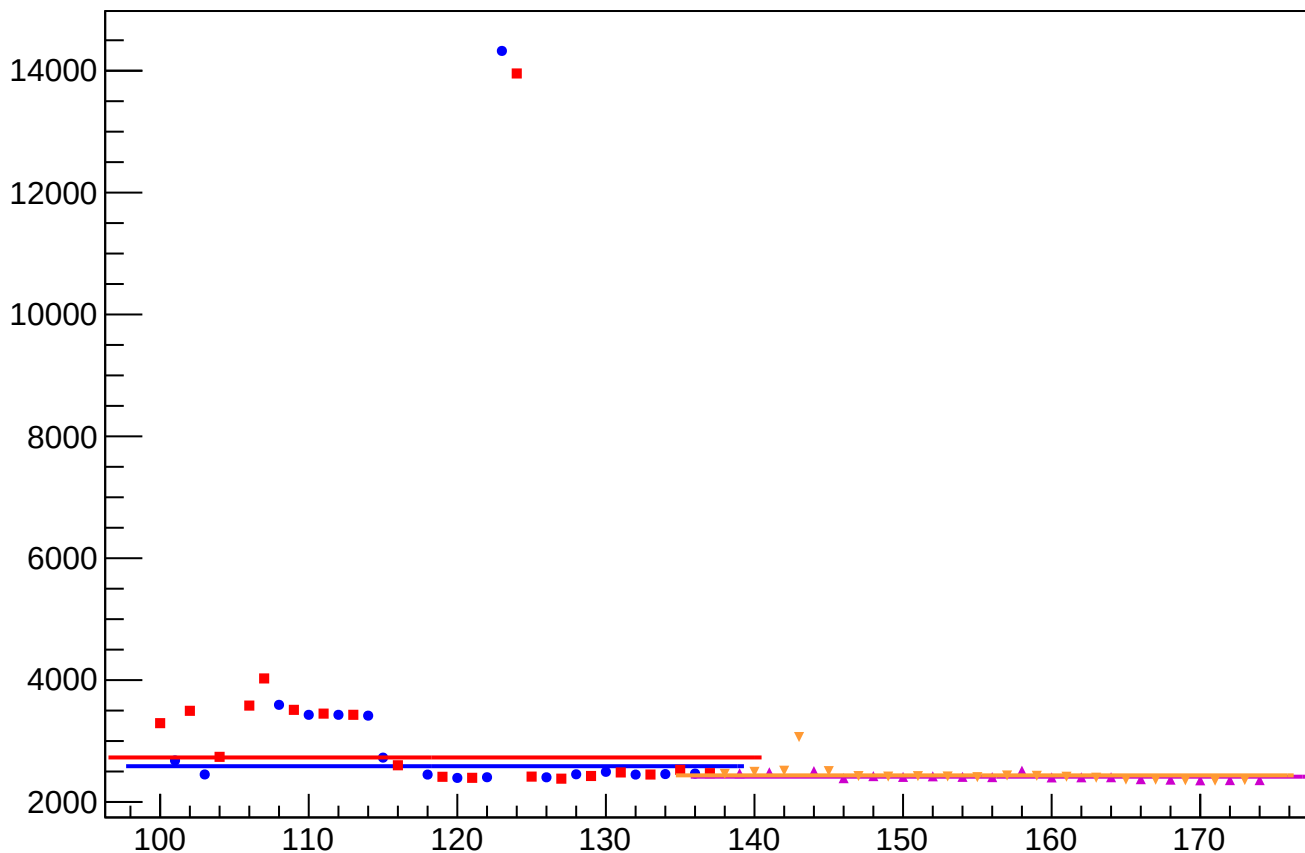
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1745.268 $\pm$ 542.228 χ^2 /NDF:33.7/34

Out: 1483.947 $\pm$ 548.988 χ^2 /NDF:42.4/37

All: 1616.226 $\pm$ 385.781 χ^2 /NDF: 76.2/72

dit_asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2436.761+/-0.456 χ^2/NDF : 76041.1/18

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2414.877+/-0.454 χ^2/NDF : 11147.4/17

Left: 2425.781+/-0.322 χ^2/NDF : 88343.9/36

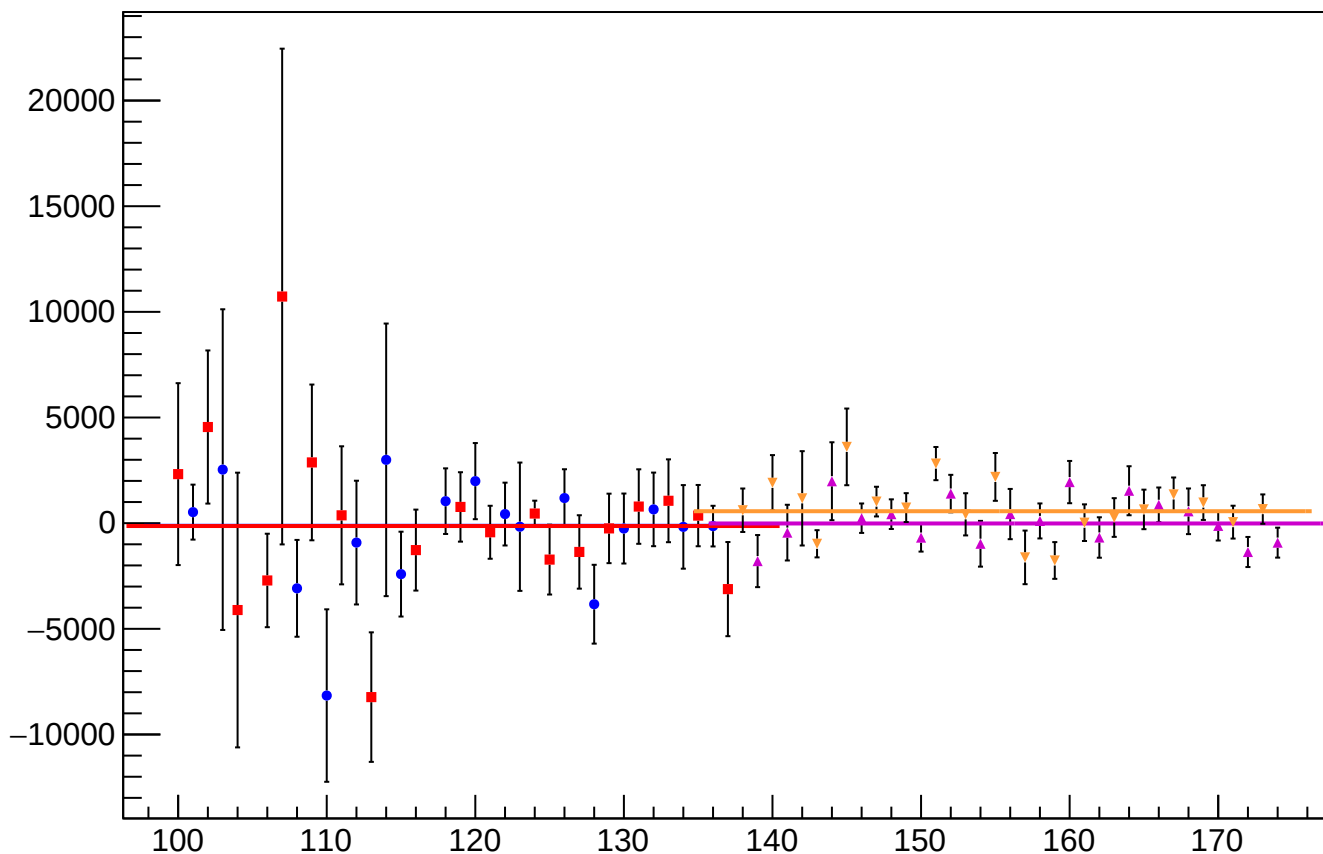
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2464.464+/-0.383 χ^2/NDF : 306585.2/34

Out: 2517.642+/-0.388 χ^2/NDF : 775271.0/37

All: 2490.723+/-0.273 χ^2/NDF : 1091355.5/72

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 565.610 $\pm$ 202.470 χ^2/NDF : 32.8/18

Right Out: -135.340 $\pm$ 379.439 χ^2/NDF : 17.9/18

Left In: -14.153 $\pm$ 206.661 χ^2/NDF : 21.2/17

Left: 281.666 $\pm$ 144.627 χ^2/NDF : 58.1/36

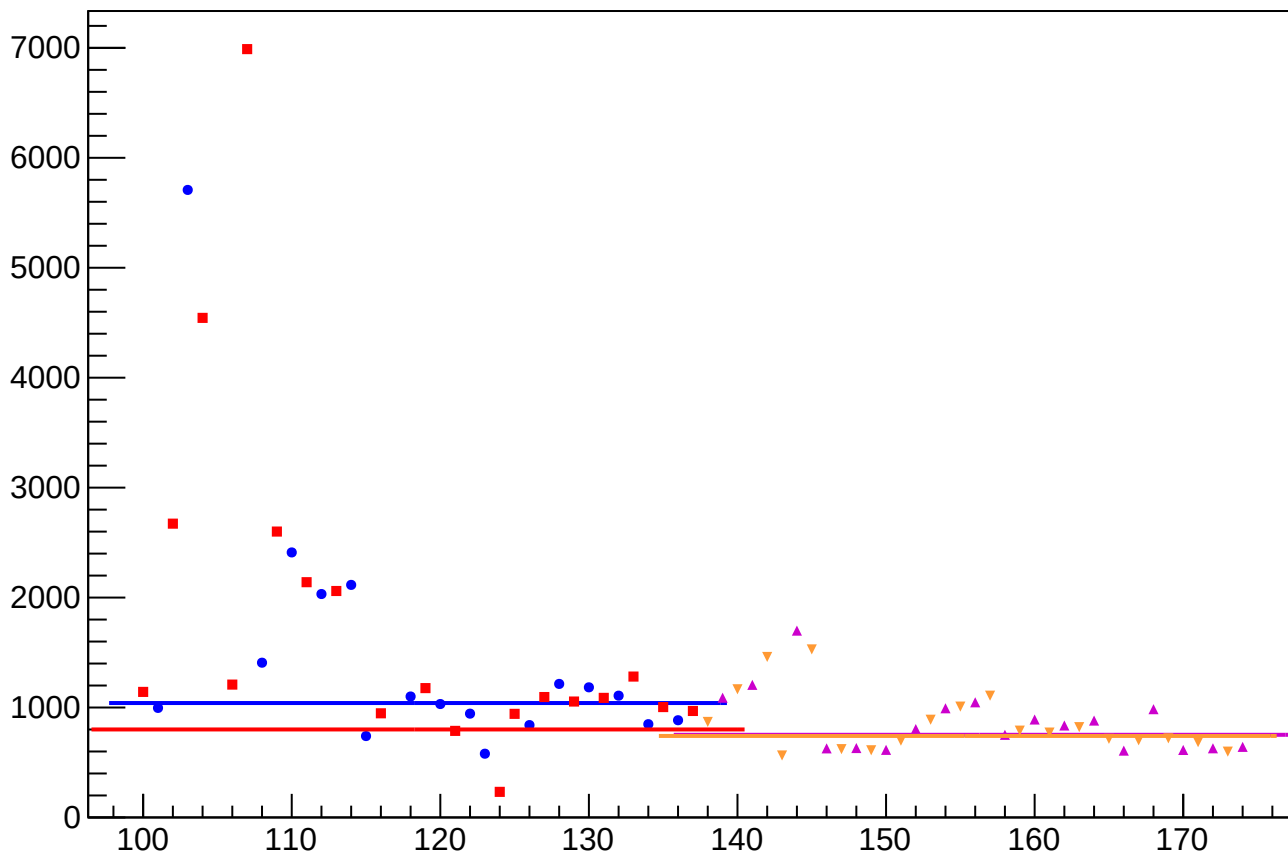
Right: -130.591 $\pm$ 284.729 χ^2/NDF : 32.6/35

In: -34.794 $\pm$ 186.327 χ^2/NDF : 36.0/34

Out: 410.260 $\pm$ 178.630 χ^2/NDF : 53.4/37

All: 197.115 $\pm$ 128.946 χ^2/NDF : 92.3/72

asym_atl1_correction_rms vs Slug, Sign Corrected



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

Left Out: 741.389+/-0.143 χ^2/NDF :1561588.8/18

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 751.771+/-0.146 χ^2/NDF :1772806.6/17

Left: 746.474+/-0.102 χ^2/NDF : 3336970.4/36

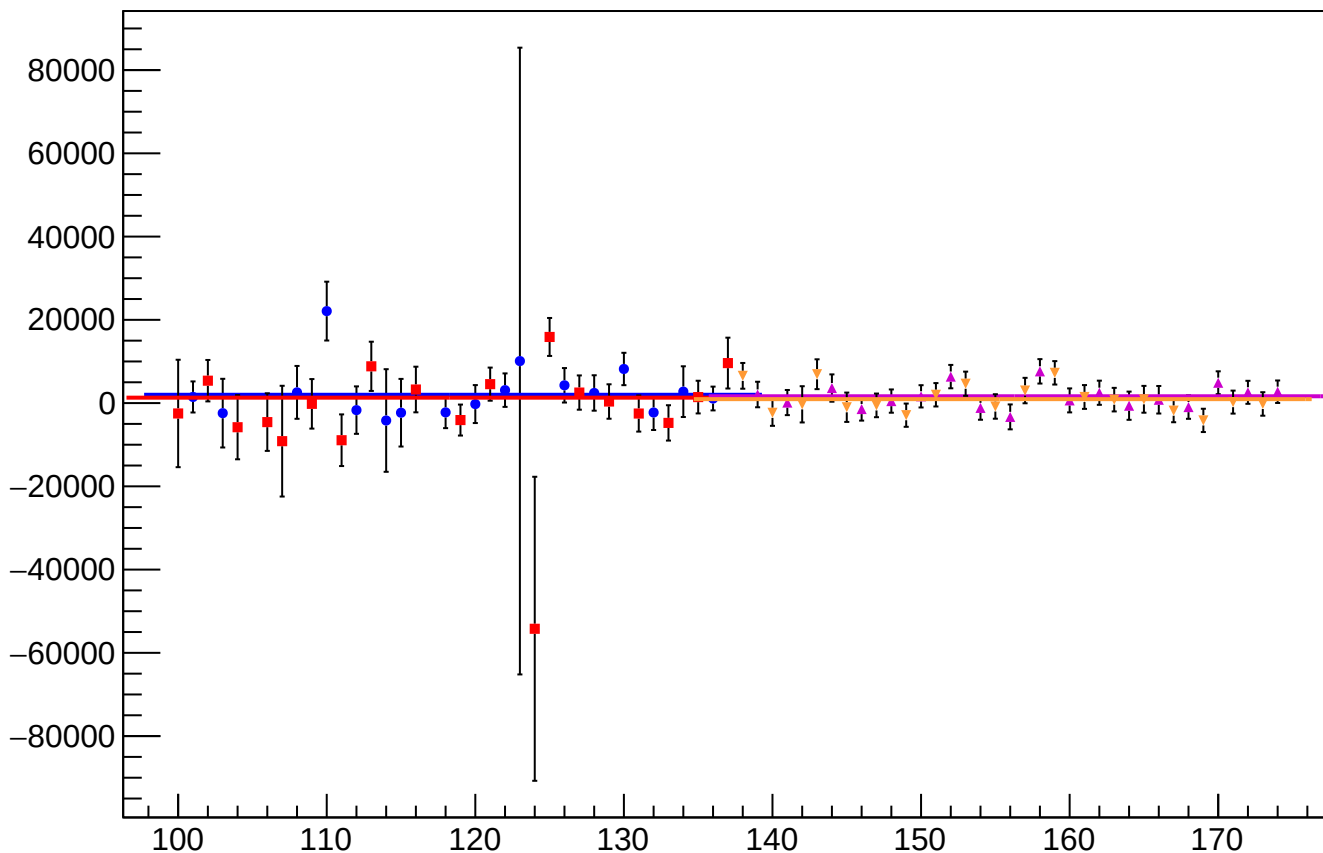
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 805.841+/-0.132 χ^2/NDF :4077583.8/34

Out: 754.469+/-0.126 χ^2/NDF :6786276.9/37

All: 779.072+/-0.091 χ^2/NDF : 10943080.8/72

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2 /NDF: 14.9/16

Left Out: 948.246 $\pm$ 686.742 χ^2 /NDF: 21.9/18

Right Out: 1304.124 $\pm$ 1188.654 χ^2 /NDF: 27.6/18

Left In: 1639.892 $\pm$ 685.555 χ^2 /NDF: 16.0/17

Left: 1294.667 $\pm$ 485.180 χ^2 /NDF: 38.4/36

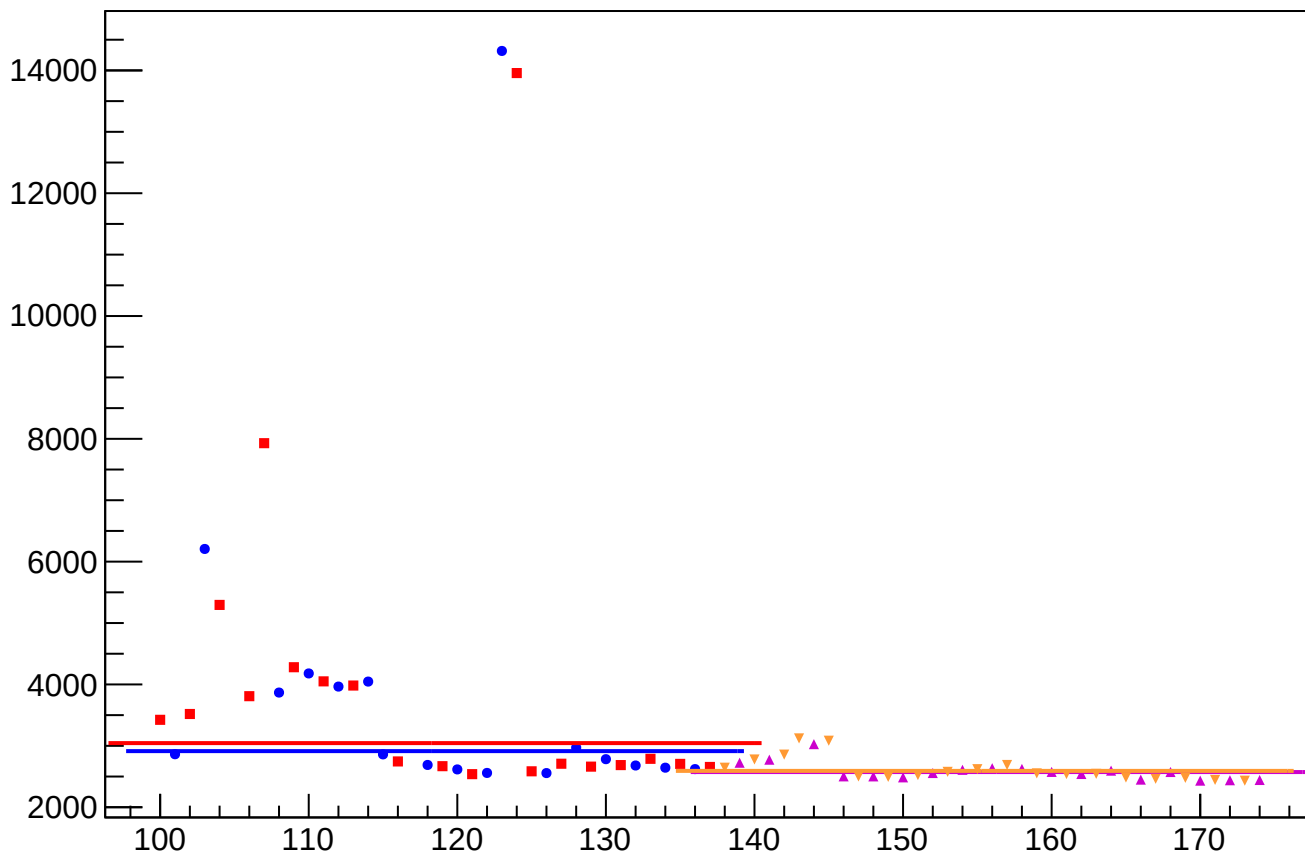
Right: 1660.114 $\pm$ 828.371 χ^2 /NDF: 42.7/35

In: 1732.728 $\pm$ 589.536 χ^2 /NDF: 31.0/34

Out: 1037.308 $\pm$ 594.634 χ^2 /NDF: 49.6/37

All: 1388.012 $\pm$ 418.656 χ^2 /NDF: 81.2/72

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875 $\pm$ 0.817 χ^2 /NDF: 638984.6/16

Left Out: 2592.028 $\pm$ 0.486 χ^2 /NDF: 128896.2/18

Right Out: 3044.474 $\pm$ 0.841 χ^2 /NDF: 1005326.4/18

Left In: 2572.877 $\pm$ 0.485 χ^2 /NDF: 76211.1/17

Left: 2582.436 $\pm$ 0.343 χ^2 /NDF: 205886.3/36

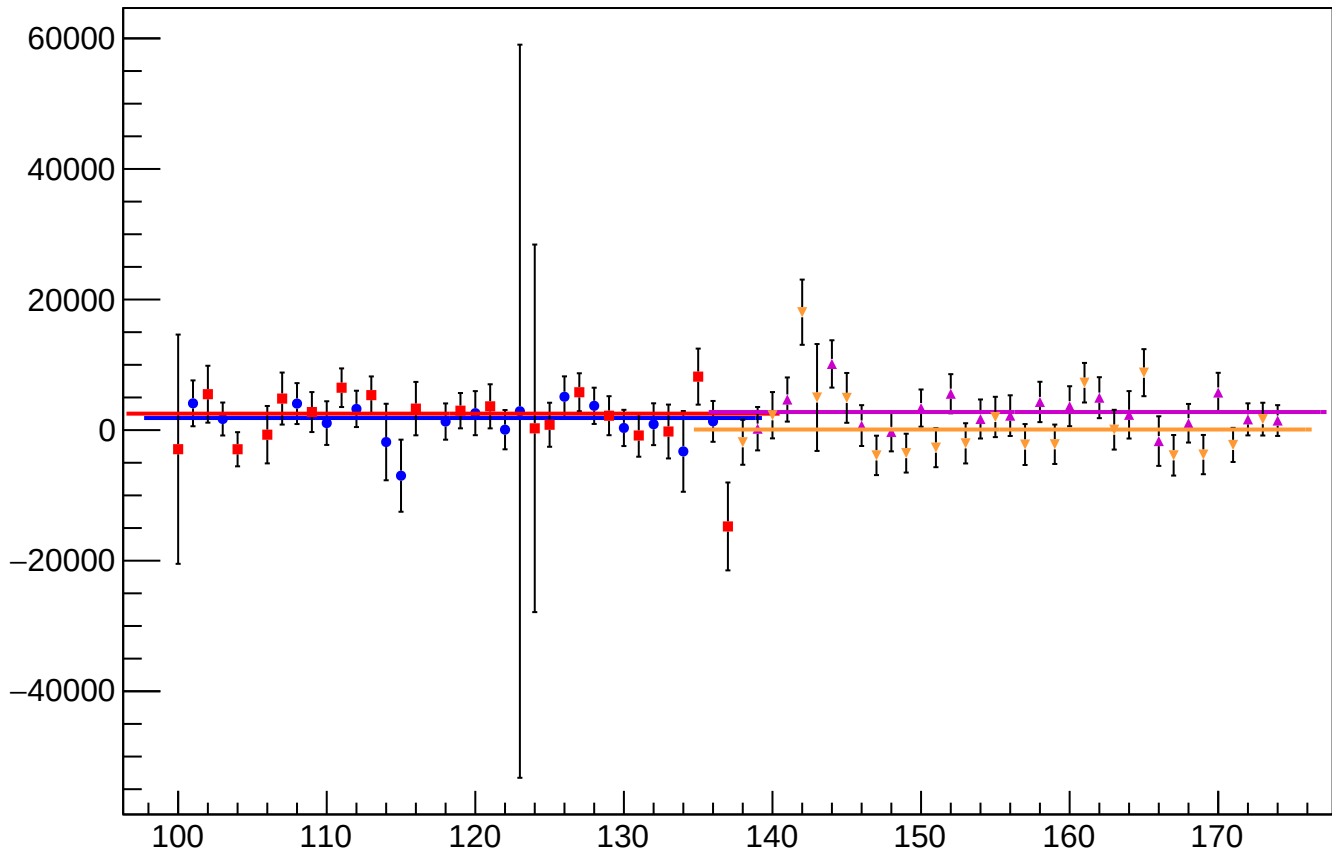
Right: 2977.303 $\pm$ 0.586 χ^2 /NDF: 1656728.7/35

In: 2661.709 $\pm$ 0.417 χ^2 /NDF: 844099.4/34

Out: 2705.256 $\pm$ 0.420 χ^2 /NDF: 1351474.0/37

All: 2683.295 $\pm$ 0.296 χ^2 /NDF: 2200982.9/72

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: 92.458 $\pm$ 733.911 χ^2 /NDF:37.5/18

Right Out: 2523.303 $\pm$ 818.432 χ^2 /NDF: 20.1/18

Left In: 2770.684 $\pm$ 716.897 χ^2 /NDF:11.6/17

Left: 1462.975 $\pm$ 512.832 χ^2 /NDF: 56.0/36

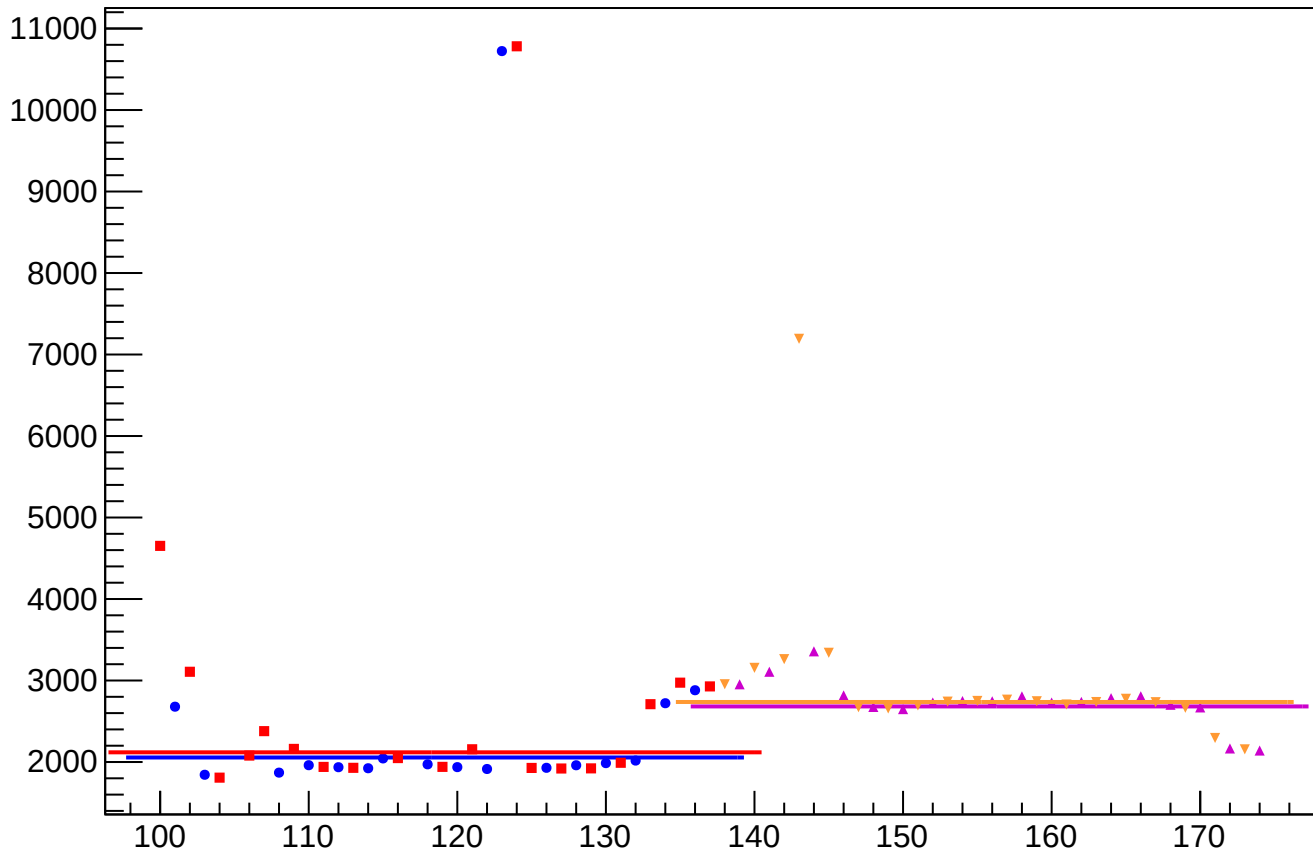
Right: 2181.863 $\pm$ 574.547 χ^2 /NDF: 27.7/35

In: 2364.495 $\pm$ 535.889 χ^2 /NDF:19.6/34

Out: 1175.919 $\pm$ 546.400 χ^2 /NDF:62.5/37

All: 1781.749 $\pm$ 382.593 χ^2 /NDF: 84.6/72

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2736.578+/-0.519 χ^2/NDF : 869539.4/18

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2681.968+/-0.507 χ^2/NDF : 322577.0/17

Left: 2708.633+/-0.363 χ^2/NDF : 1197783.1/36

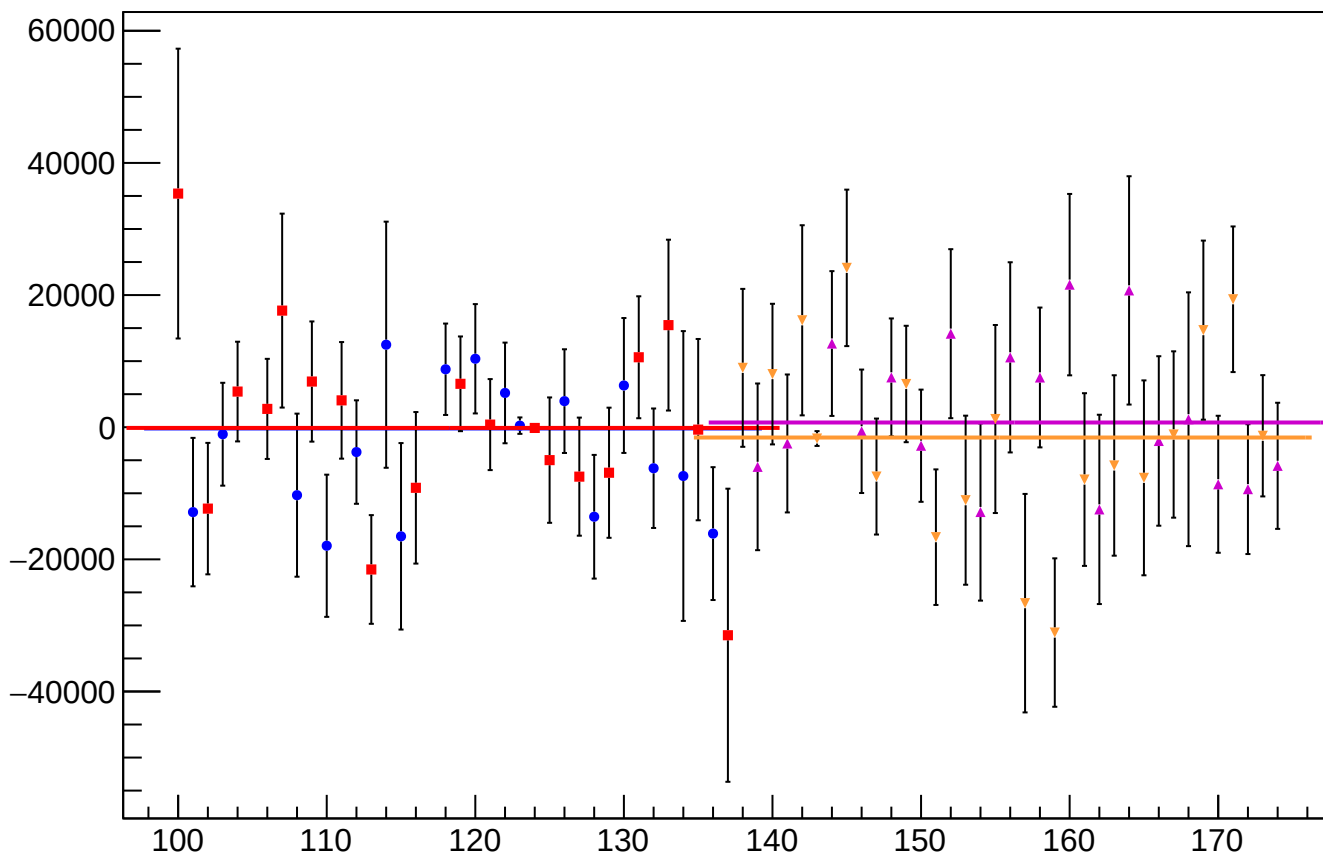
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2405.531+/-0.379 χ^2/NDF : 1312945.3/34

Out: 2460.770+/-0.386 χ^2/NDF : 2075940.9/37

All: 2432.632+/-0.270 χ^2/NDF : 3399312.4/72

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1560.771+/-1038.390 χ^2/NDF : 26.6/18

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: 712.518+/-2671.952 χ^2/NDF : 12.2/17

Left: -1262.486+/-967.870 χ^2/NDF : 39.5/36

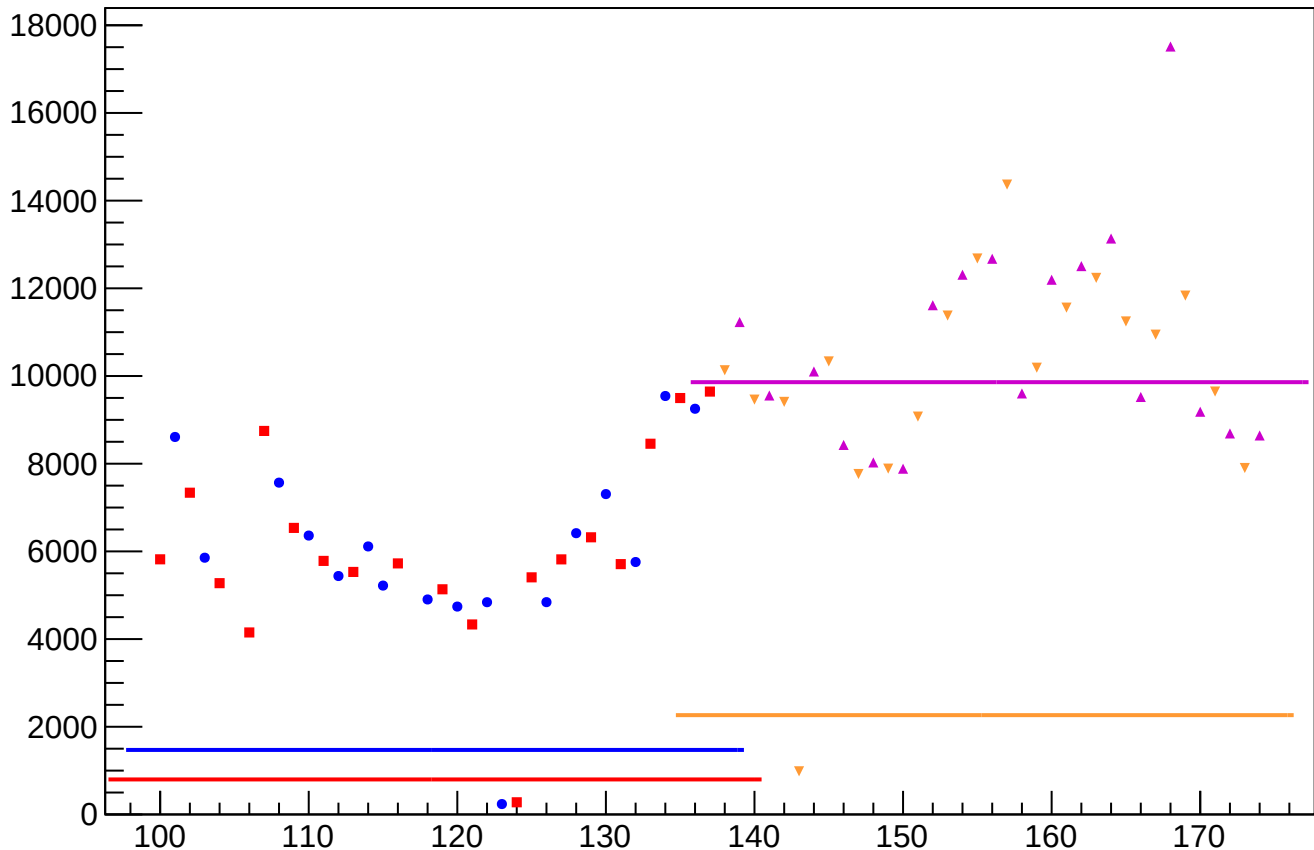
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -54.982+/-1017.791 χ^2/NDF : 28.7/34

Out: -552.677+/-575.059 χ^2/NDF : 49.6/37

All: -432.243+/-500.670 χ^2/NDF : 78.5/72

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 2265.005+/-0.734

χ^2/NDF : 18861255.0/18

Right Out: 798.642+/-0.488

χ^2/NDF : 11527481.4/18

Left In: 9859.536+/-1.889

χ^2/NDF : 1034189.2/17

Left: 3261.506+/-0.684

χ^2/NDF : 33932882.3/36

Right: 988.724+/-0.414

χ^2/NDF : 21852108.4/35

In: 2688.676+/-0.720

χ^2/NDF : 27672391.4/34

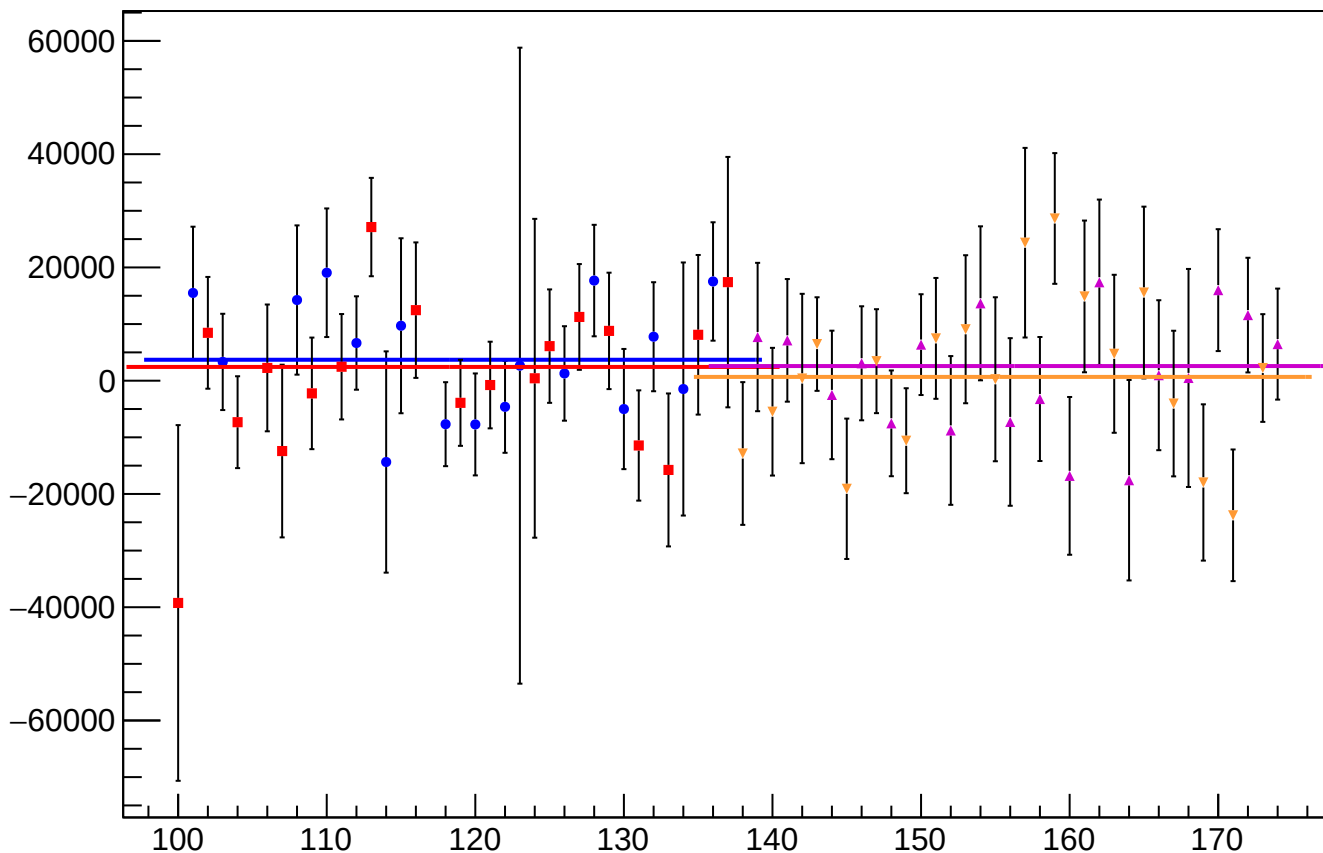
Out: 1248.366+/-0.407

χ^2/NDF : 33153881.6/37

All: 1596.897+/-0.354

χ^2/NDF : 63862284.6/71

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 669.571+/-2685.972 χ^2/NDF : 23.3/18

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 2585.681+/-2768.860 χ^2/NDF : 10.8/17

Left: 1598.516+/-1927.907 χ^2/NDF : 34.4/36

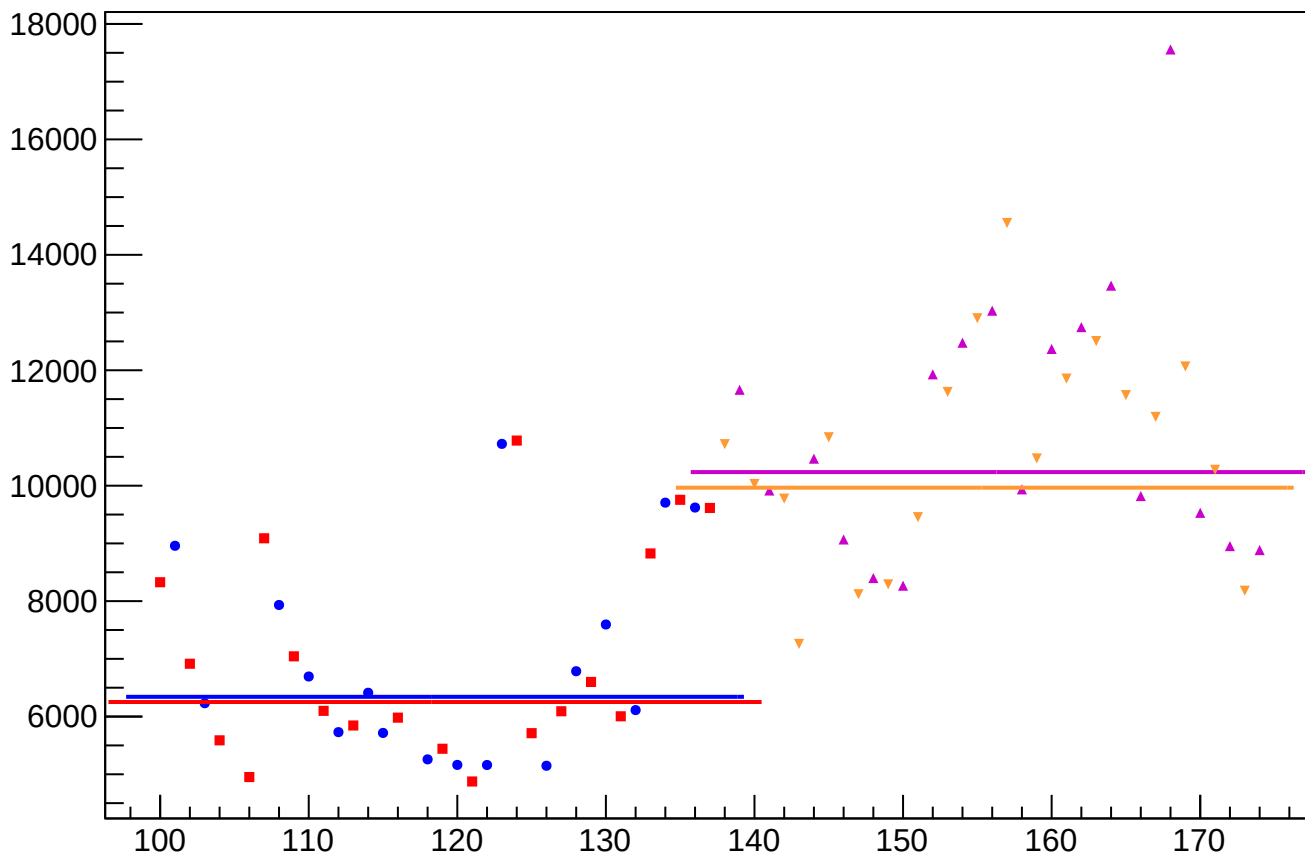
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3194.753+/-1862.862 χ^2/NDF : 25.3/34

Out: 1640.855+/-1798.479 χ^2/NDF : 43.9/37

All: 2390.488+/-1293.879 χ^2/NDF : 69.5/72

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9965.433+/-1.899 χ^2/NDF : 916221.9/18

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10235.774+/-1.958 χ^2/NDF : 931530.5/17

Left: 10096.496+/-1.363 χ^2/NDF : 1857575.0/36

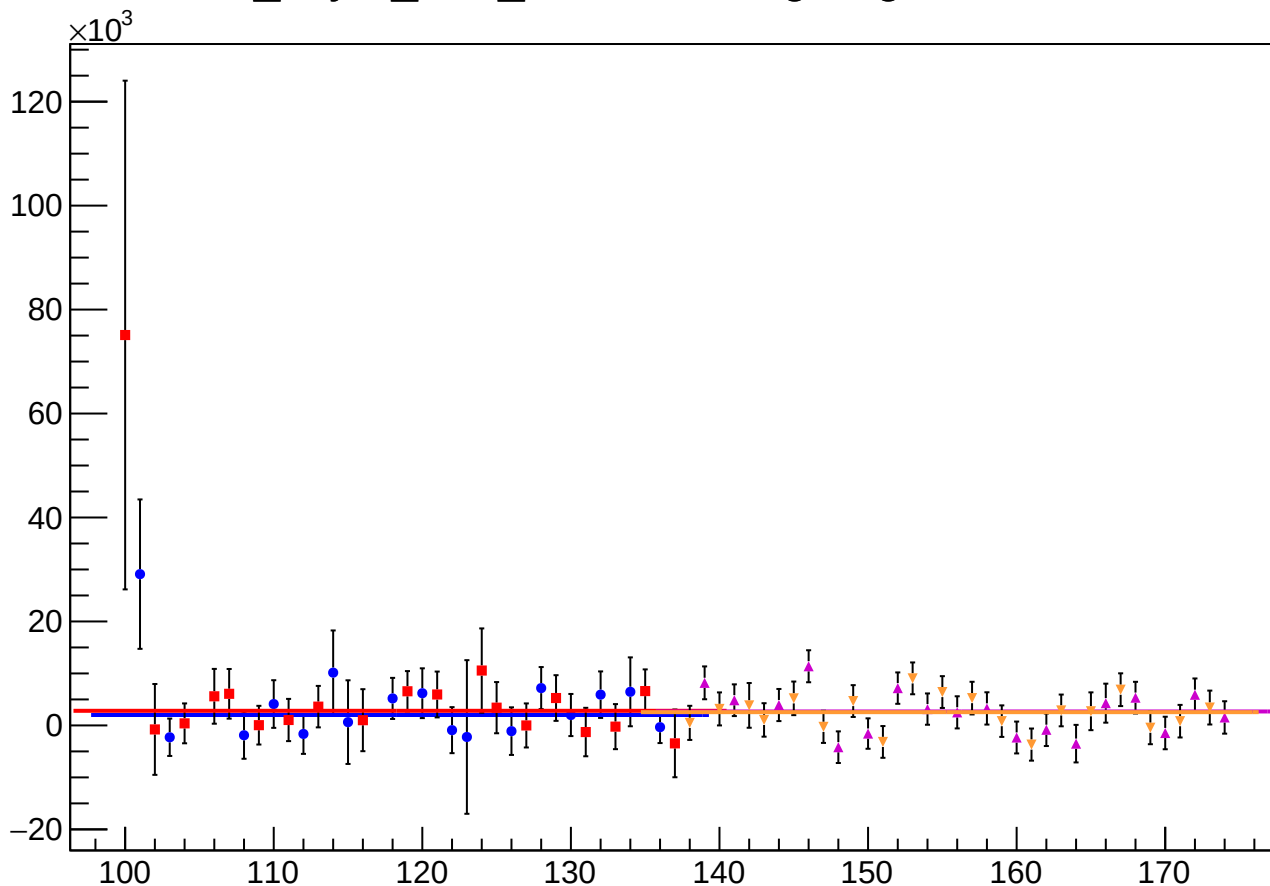
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8104.674+/-1.317 χ^2/NDF : 3689741.3/34

Out: 7916.872+/-1.272 χ^2/NDF : 3563052.1/37

All: 8007.470+/-0.915 χ^2/NDF : 7263314.4/72

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2551.432 $\pm$ 732.349 χ^2/NDF : 20.7/18

Right Out: 2811.702 $\pm$ 1086.544 χ^2/NDF : 10.5/18

Left In: 2683.349 $\pm$ 736.820 χ^2/NDF : 31.9/17

Left: 2616.989 $\pm$ 519.423 χ^2/NDF : 52.6/36

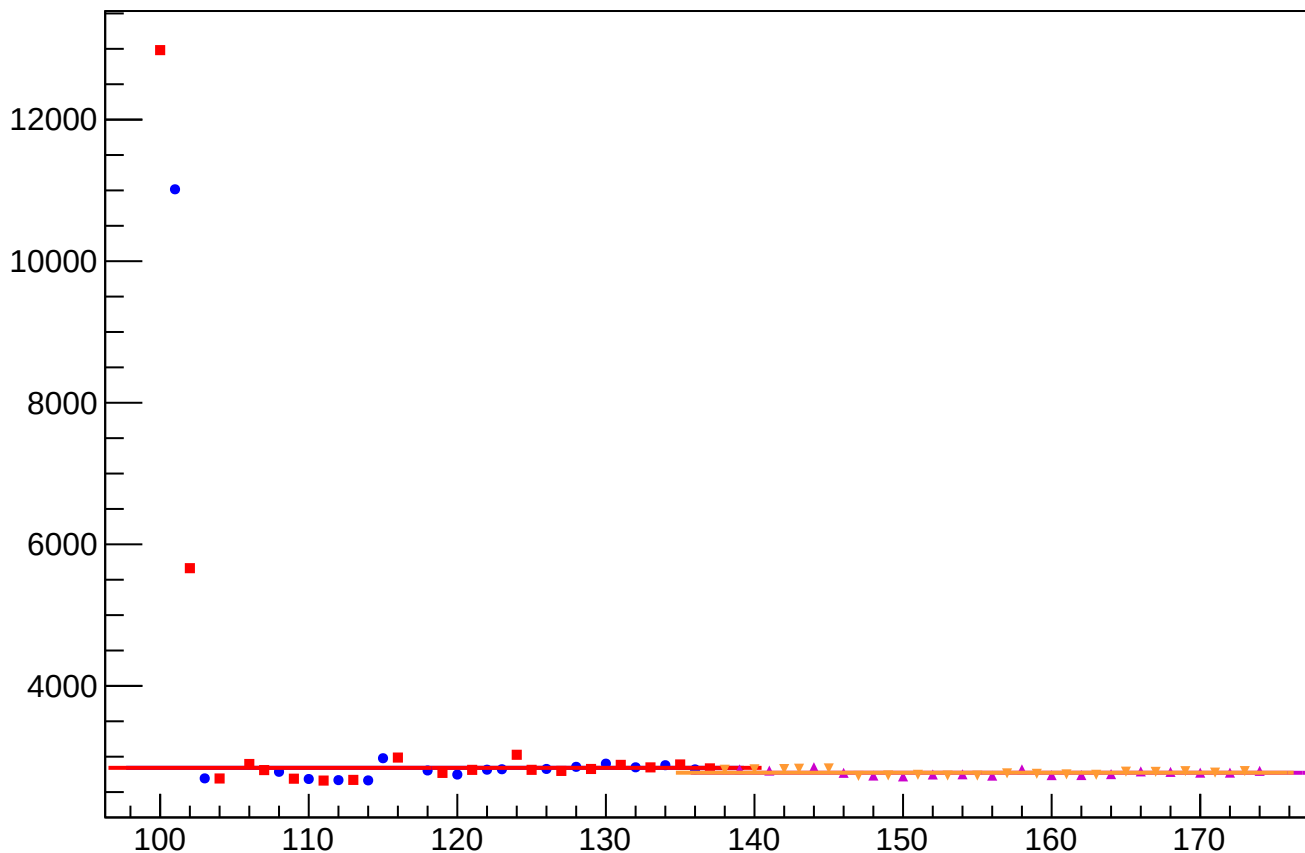
Right: 2422.331 $\pm$ 781.689 χ^2/NDF : 24.5/35

In: 2479.701 $\pm$ 616.455 χ^2/NDF : 45.9/34

Out: 2632.736 $\pm$ 607.283 χ^2/NDF : 31.2/37

All: 2557.365 $\pm$ 432.620 χ^2/NDF : 77.1/72

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2773.800 ± 0.518 χ^2/NDF : 4664.5/18

Right Out: 2842.440 ± 0.768 χ^2/NDF : 312335.6/18

Left In: 2772.637 ± 0.521 χ^2/NDF : 4678.1/17

Left: 2773.222 ± 0.367 χ^2/NDF : 9345.1/36

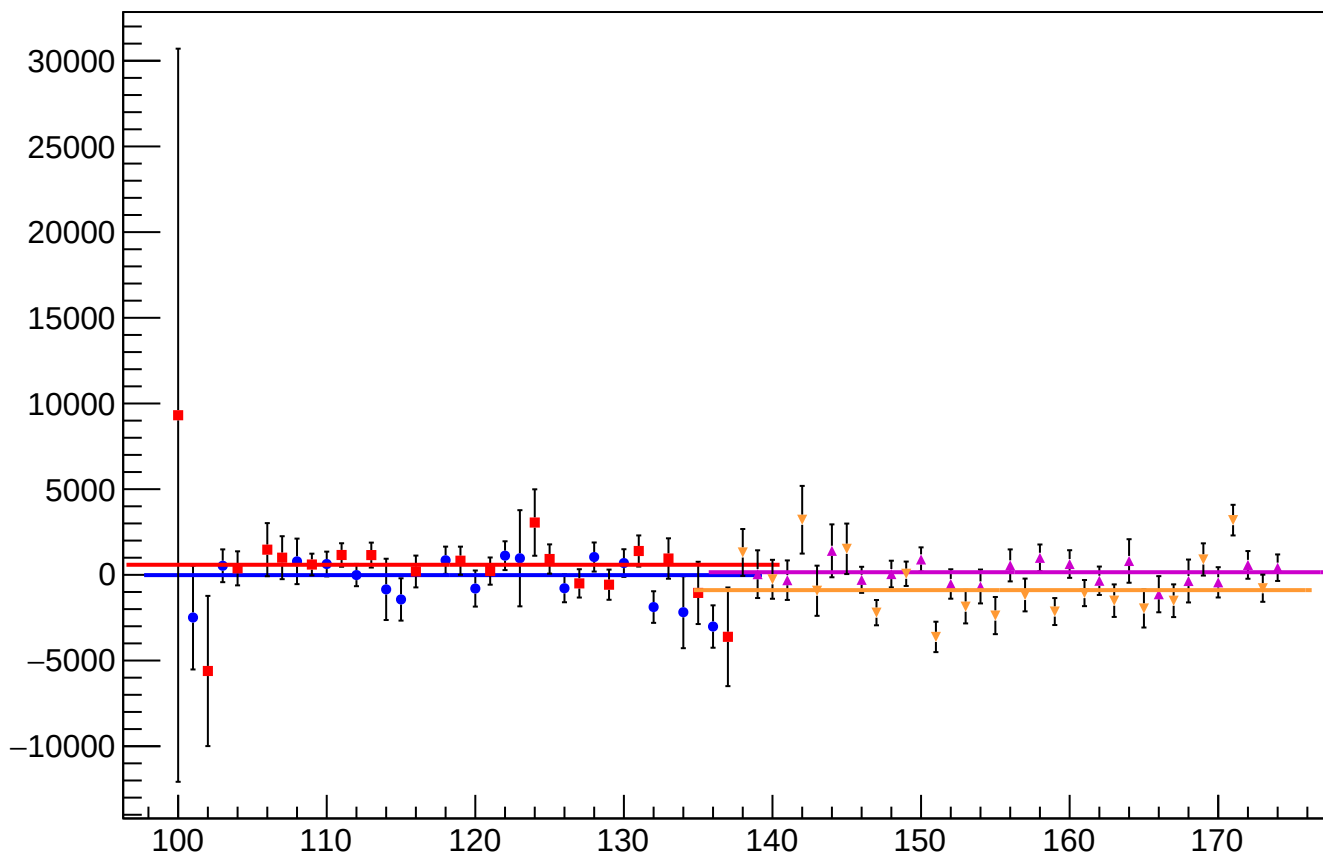
Right: 2842.531 ± 0.553 χ^2/NDF : 972640.7/35

In: 2793.637 ± 0.436 χ^2/NDF : 670397.6/34

Out: 2795.242 ± 0.429 χ^2/NDF : 322488.4/37

All: 2794.452 ± 0.306 χ^2/NDF : 992892.9/72

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -891.261 ± 218.793 χ^2/NDF : 56.1/18

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 153.748 ± 213.742 χ^2/NDF : 8.5/17

Left: -356.555 ± 152.893 χ^2/NDF : 76.3/36

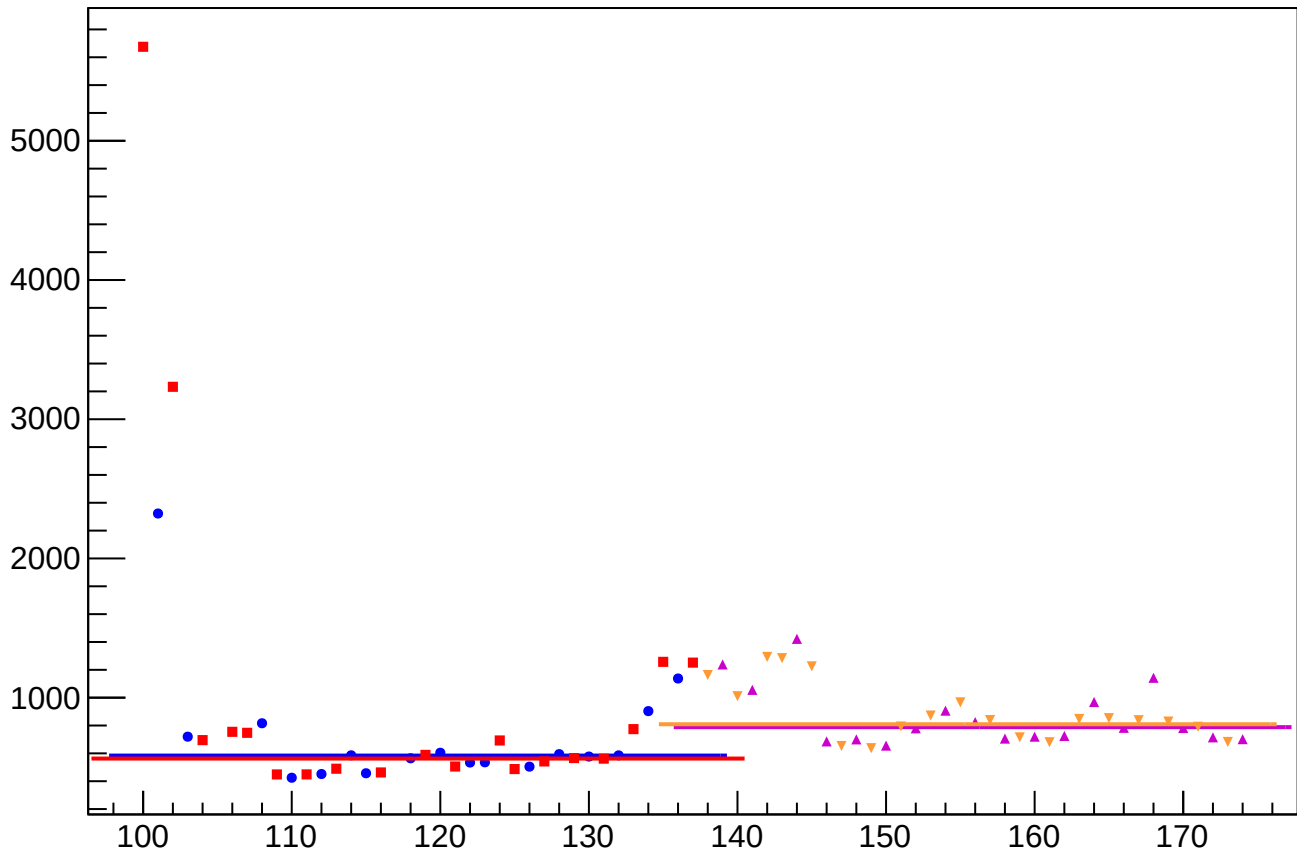
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 78.430 ± 159.282 χ^2/NDF : 30.3/34

Out: -174.652 ± 157.128 χ^2/NDF : 91.8/37

All: -49.833 ± 111.860 χ^2/NDF : 123.4/72

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 809.060+/-0.155 χ^2/NDF : 1092661.7/18

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 788.300+/-0.151 χ^2/NDF : 1109805.5/17

Left: 798.438+/-0.108 χ^2/NDF : 2211681.1/36

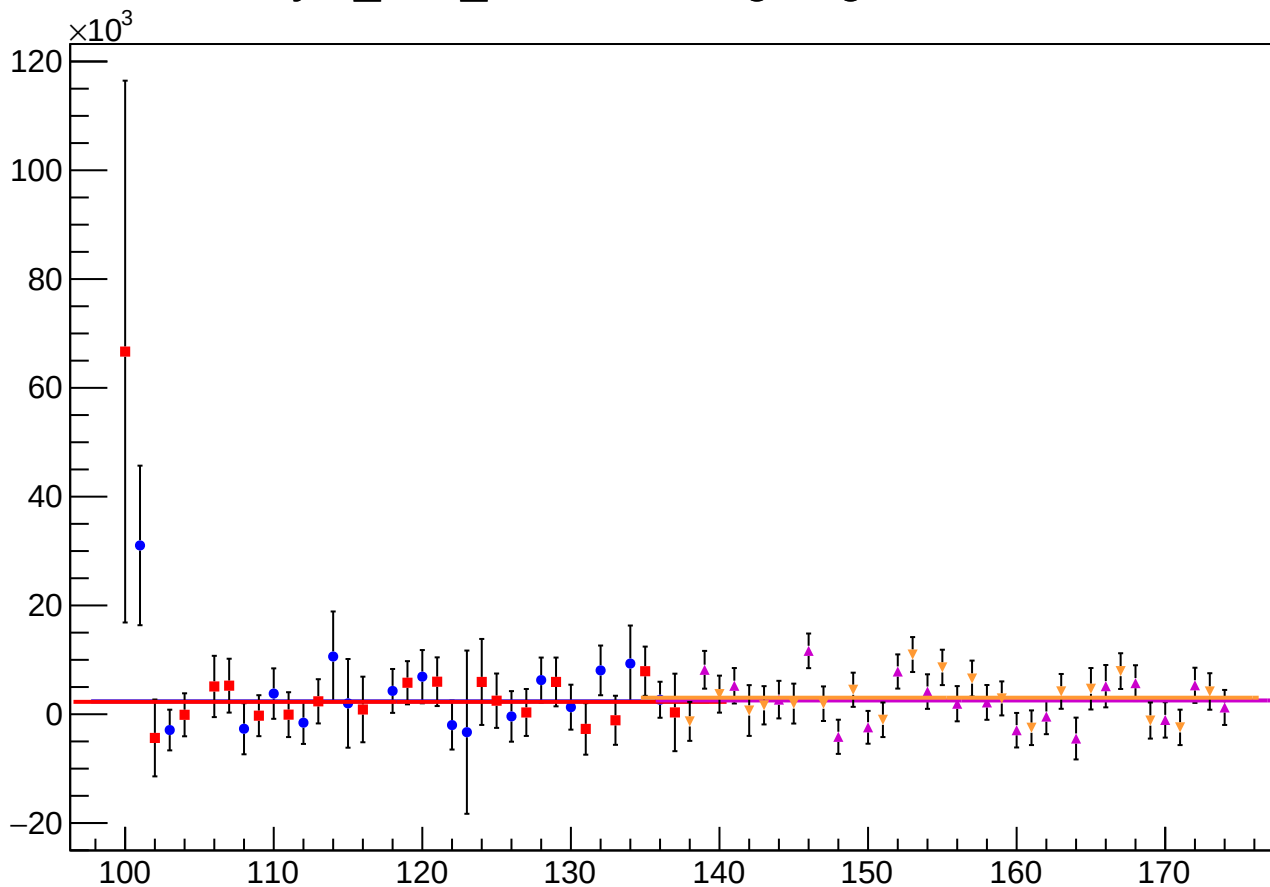
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 697.478+/-0.113 χ^2/NDF : 3358477.1/34

Out: 689.757+/-0.111 χ^2/NDF : 3960231.3/37

All: 693.565+/-0.079 χ^2/NDF : 7321090.2/72

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3037.712 $\pm$ 771.025 χ^2 /NDF: 24.2/18

Right Out: 2277.507 $\pm$ 1111.658 χ^2 /NDF: 10.2/18

Left In: 2531.936 $\pm$ 773.333 χ^2 /NDF: 32.6/17

Left: 2785.580 $\pm$ 546.011 χ^2 /NDF: 57.0/36

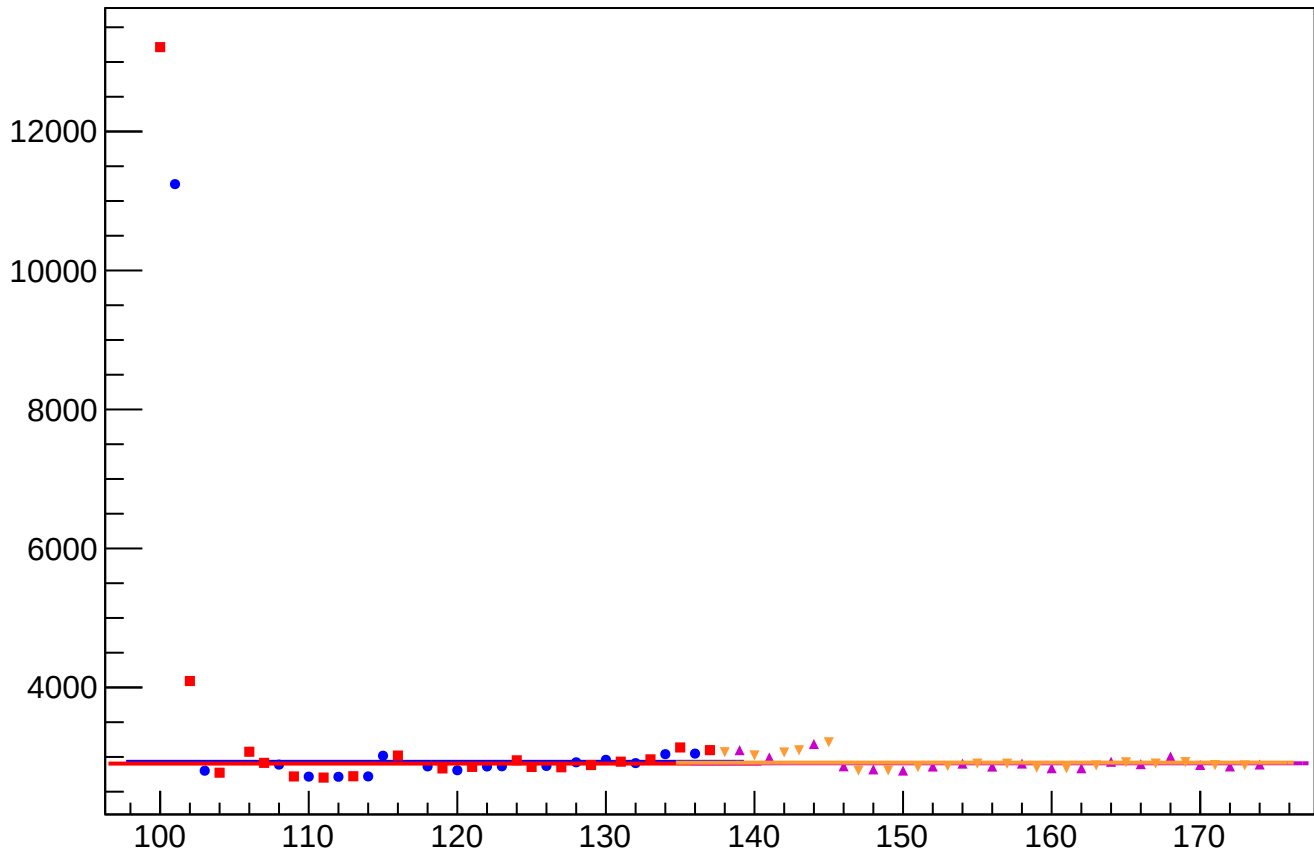
Right: 2318.341 $\pm$ 802.588 χ^2 /NDF: 25.3/35

In: 2479.890 $\pm$ 643.442 χ^2 /NDF: 47.7/34

Out: 2790.793 $\pm$ 633.553 χ^2 /NDF: 34.7/37

All: 2637.749 $\pm$ 451.445 χ^2 /NDF: 82.5/72

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2918.406+/-0.545 χ^2/NDF : 35025.7/18

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2908.720+/-0.547 χ^2/NDF : 29713.4/17

Left: 2913.577+/-0.386 χ^2/NDF : 64896.5/36

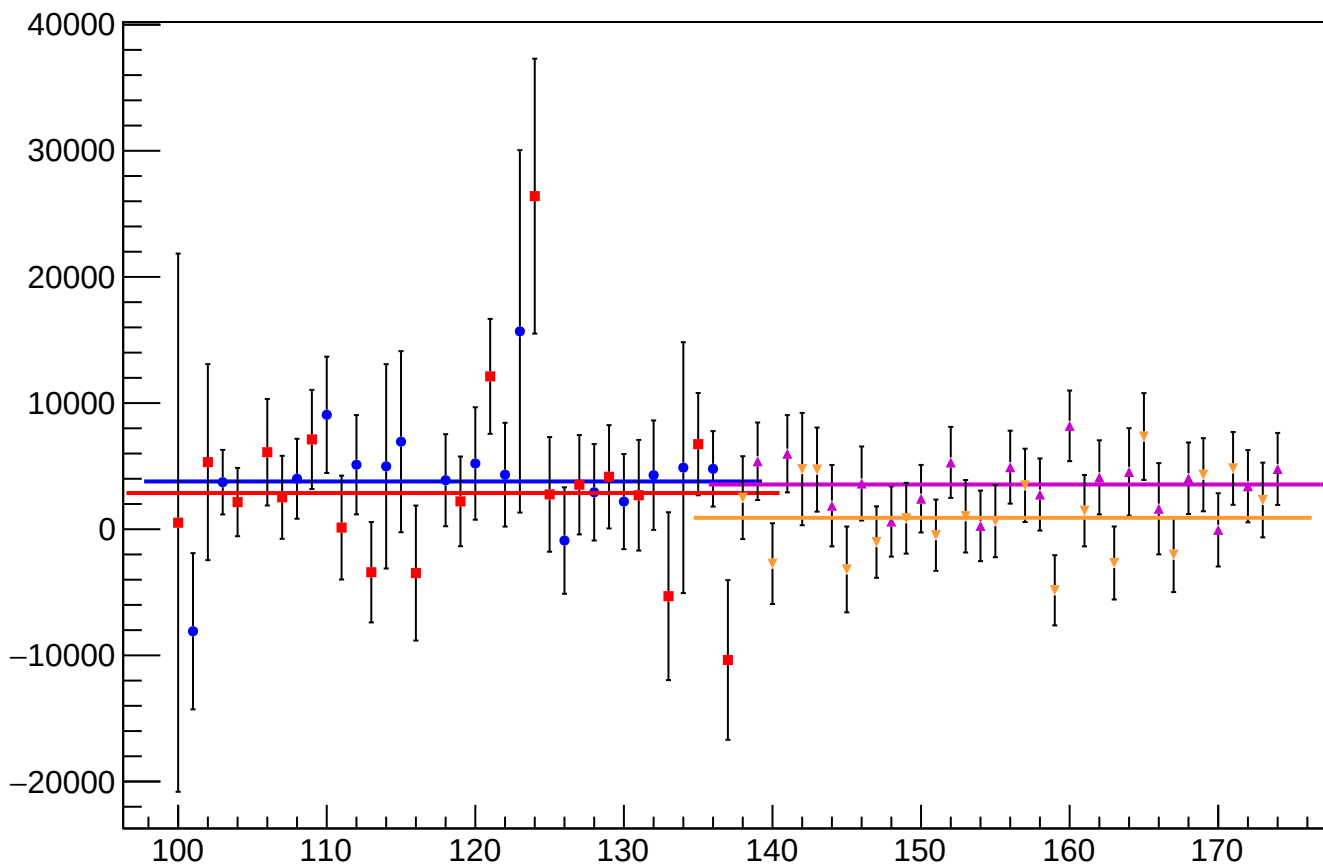
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2915.161+/-0.455 χ^2/NDF : 692793.4/34

Out: 2913.912+/-0.448 χ^2/NDF : 204523.6/37

All: 2914.527+/-0.319 χ^2/NDF : 897320.8/72

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 905.271 $\pm$ 693.434 χ^2/NDF : 20.3/18

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3546.850 $\pm$ 693.371 χ^2/NDF : 9.5/17

Left: 2226.179 $\pm$ 490.309 χ^2/NDF : 37.1/36

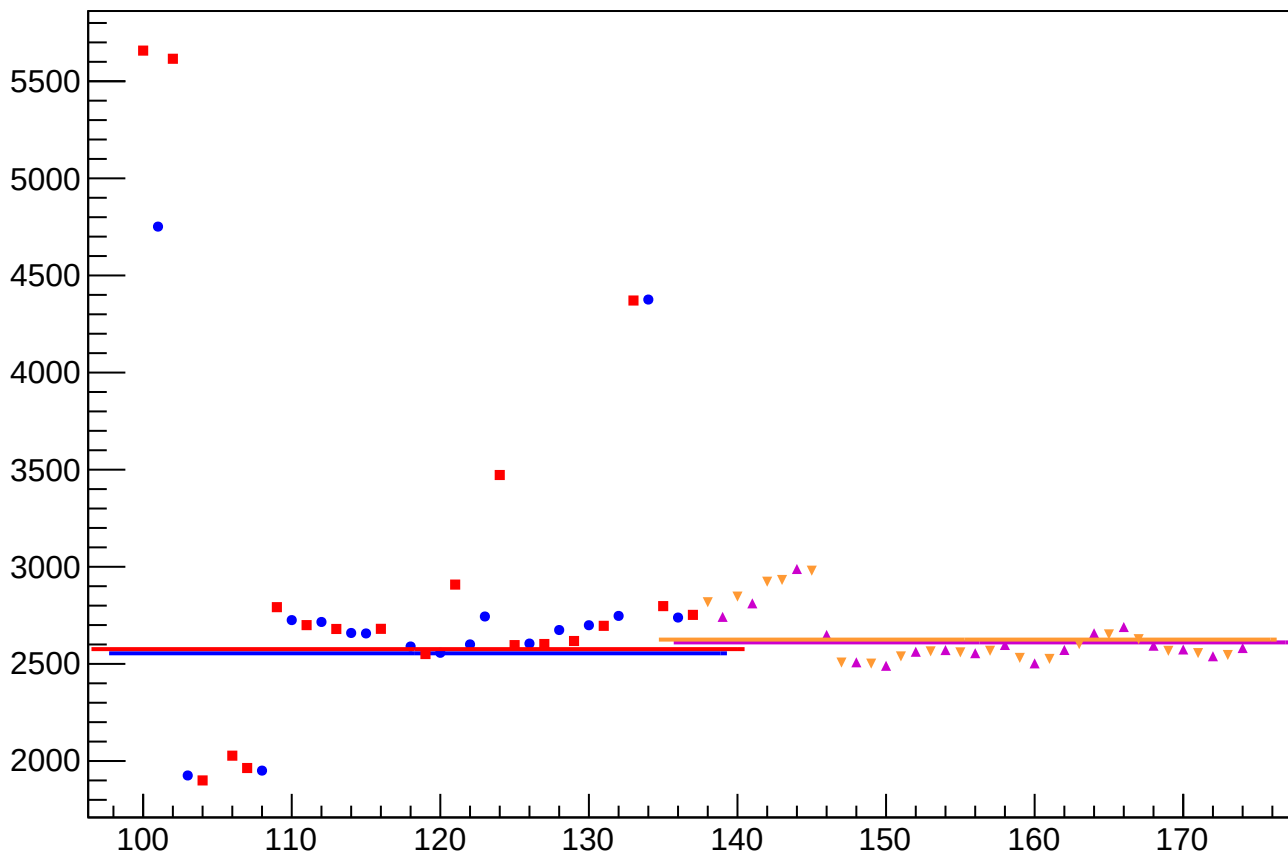
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3624.241 $\pm$ 571.290 χ^2/NDF : 17.3/34

Out: 1540.526 $\pm$ 570.383 χ^2/NDF : 44.9/37

All: 2580.726 $\pm$ 403.642 χ^2/NDF : 68.9/72

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2625.136 $\pm$ 0.490 χ^2 /NDF: 84520.6/18

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2610.668 $\pm$ 0.490 χ^2 /NDF: 55096.6/17

Left: 2617.901 $\pm$ 0.347 χ^2 /NDF: 140052.5/36

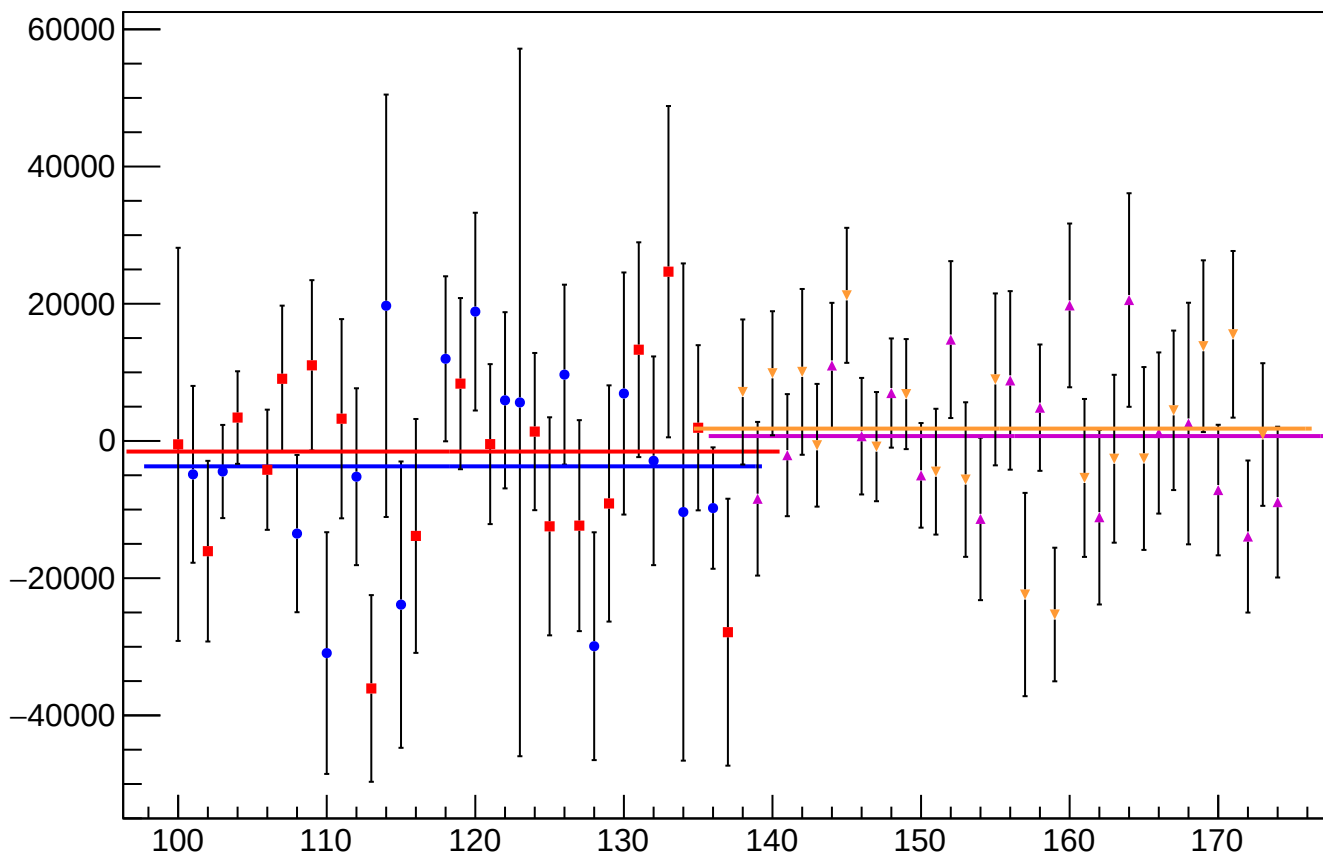
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2592.642 $\pm$ 0.404 χ^2 /NDF: 595931.8/34

Out: 2609.261 $\pm$ 0.403 χ^2 /NDF: 852916.5/37

All: 2600.966 $\pm$ 0.285 χ^2 /NDF: 1449695.9/72

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1800.912+/-2403.492 χ^2/NDF : 20.5/18

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 712.814+/-2445.581 χ^2/NDF : 14.6/17

Left: 1266.307+/-1714.213 χ^2/NDF : 35.2/36

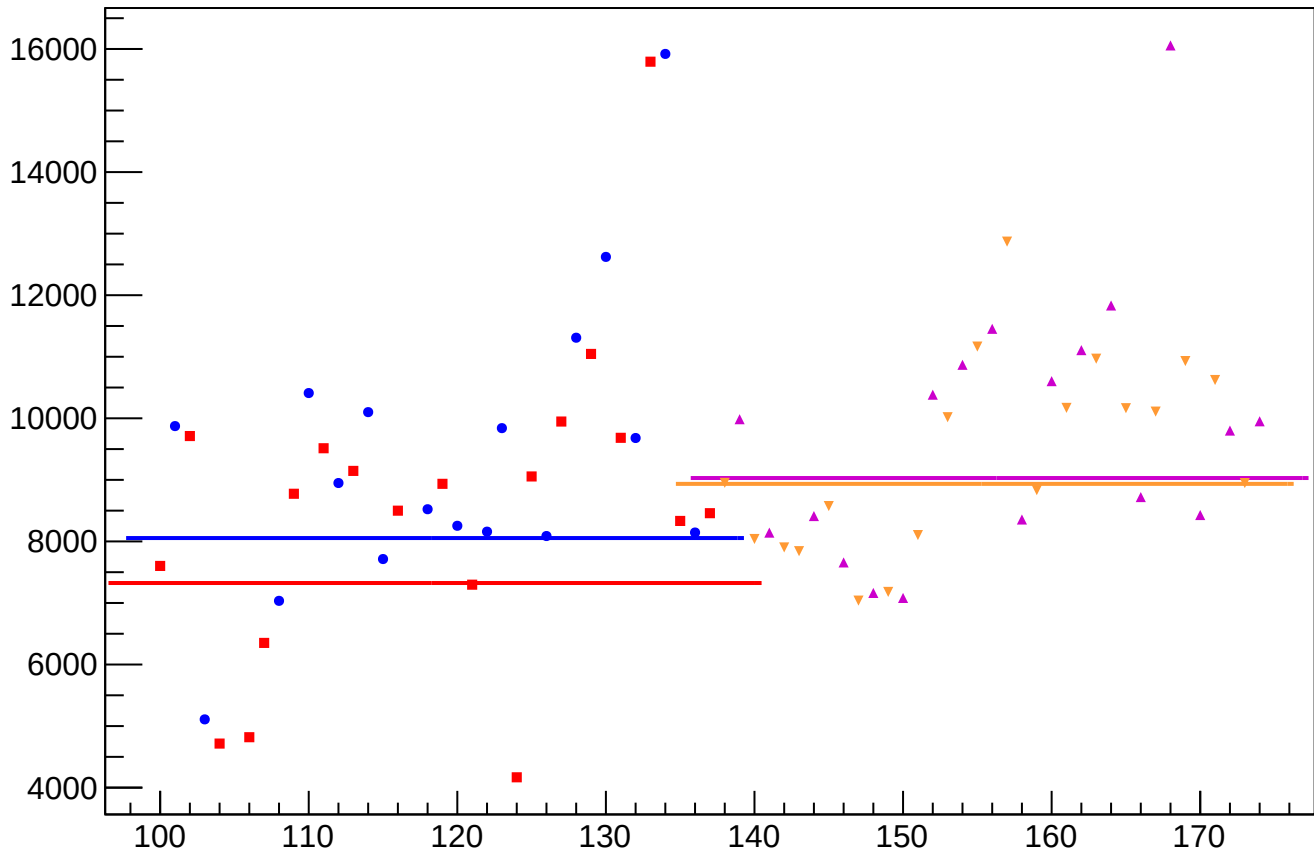
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -902.673+/-1947.074 χ^2/NDF : 29.6/34

Out: 436.776+/-1849.722 χ^2/NDF : 38.1/37

All: -198.627+/-1341.047 χ^2/NDF : 67.9/72

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8934.878+/-1.700 χ^2/NDF : 720893.9/18

Right Out: 7324.291+/-2.048 χ^2/NDF : 1336145.7/18

Left In: 9029.892+/-1.729 χ^2/NDF : 997406.3/17

Left: 8981.560+/-1.212 χ^2/NDF : 1719835.9/36

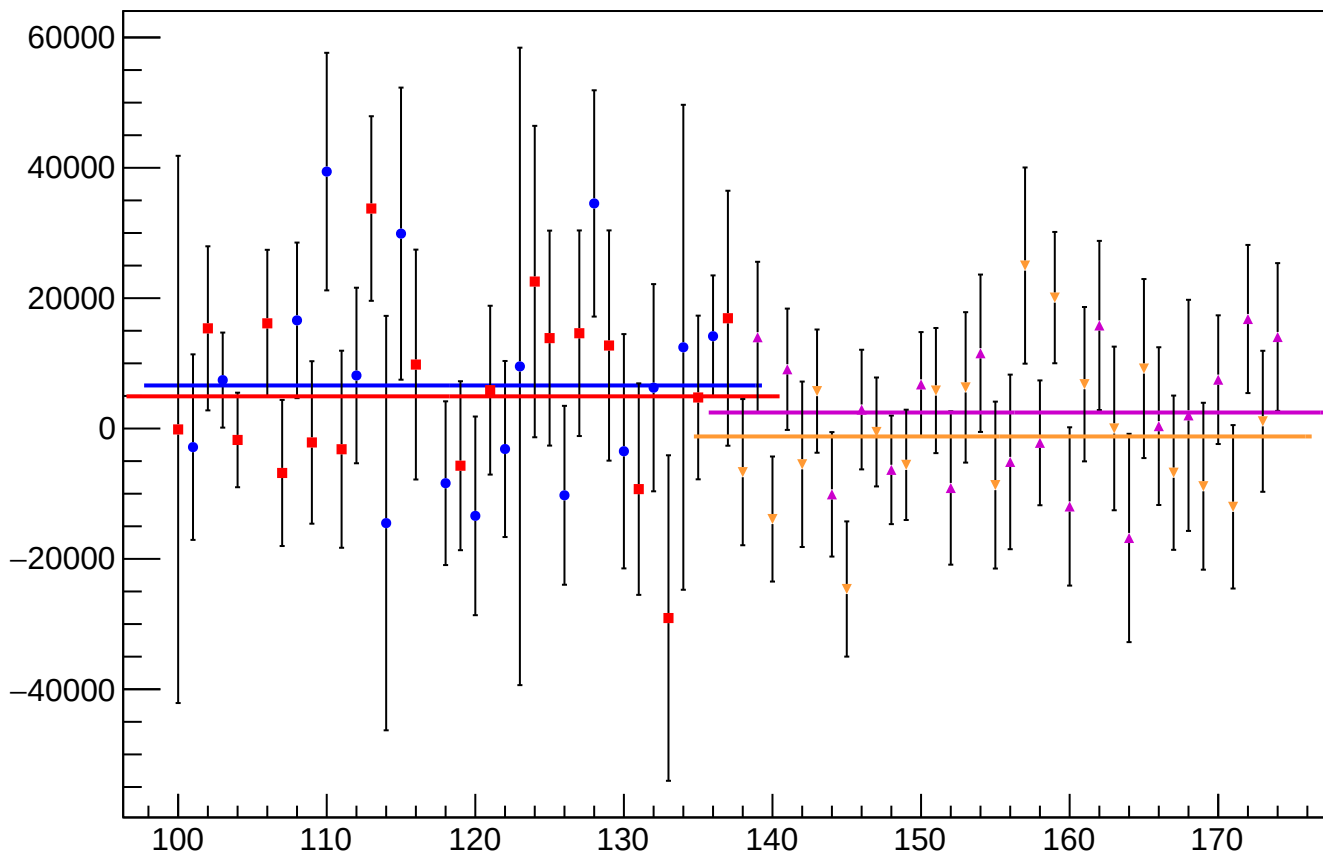
Right: 7651.290+/-1.522 χ^2/NDF : 2213838.0/35

In: 8672.871+/-1.377 χ^2/NDF : 1934586.6/34

Out: 8278.211+/-1.308 χ^2/NDF : 2423202.6/37

All: 8465.428+/-0.948 χ^2/NDF : 4400979.7/72

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332 $\pm$ 3395.867 χ^2 /NDF: 14.7/16

Left Out: -1217.101 $\pm$ 2504.324 χ^2 /NDF:19.2/18

Right Out: 4938.727 $\pm$ 3167.808 χ^2 /NDF: 13.6/18

Left In: 2456.308 $\pm$ 2541.930 χ^2 /NDF:13.6/17

Left: 592.230 $\pm$ 1783.972 χ^2 /NDF: 33.9/36

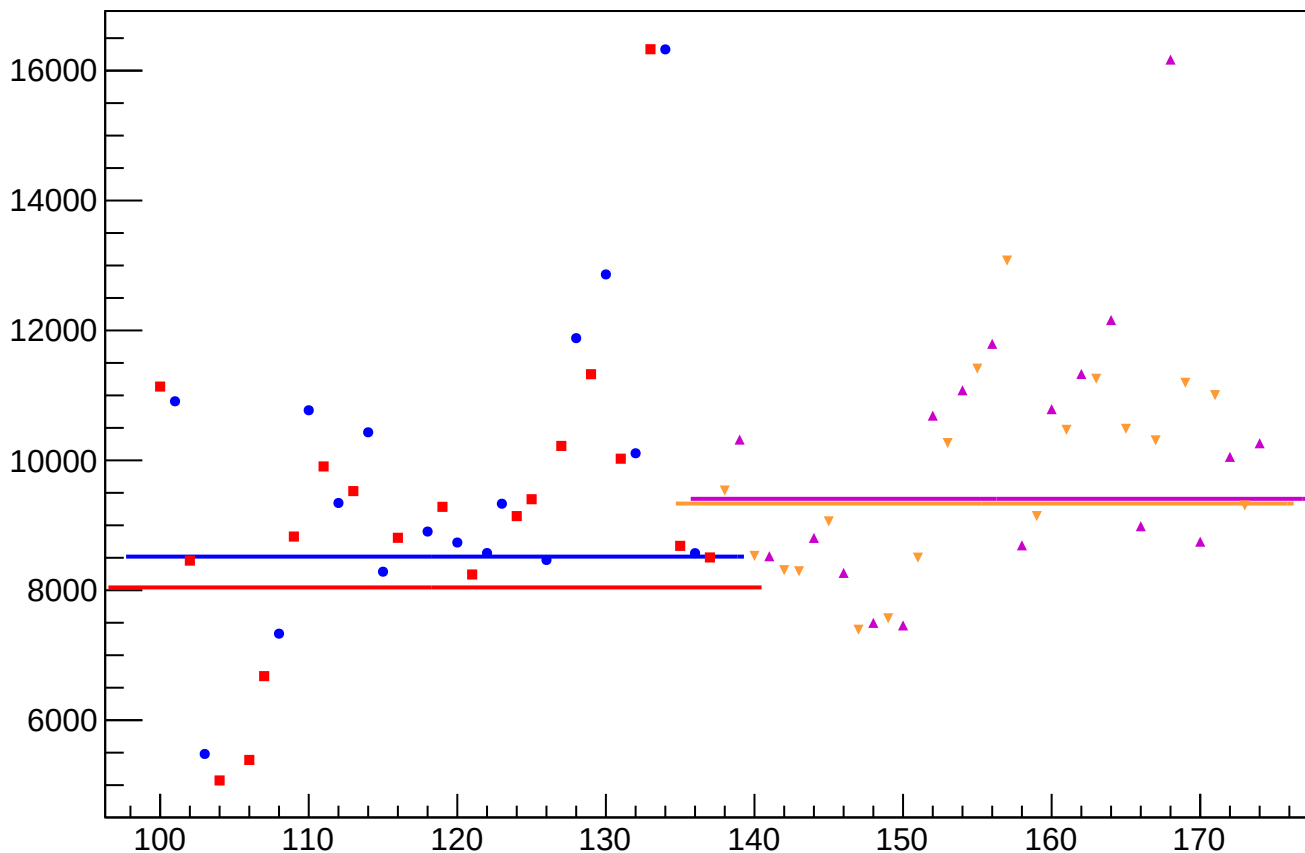
Right: 5715.122 $\pm$ 2316.410 χ^2 /NDF: 28.4/35

In: 3946.942 $\pm$ 2034.973 χ^2 /NDF:29.2/34

Out: 1150.469 $\pm$ 1964.568 χ^2 /NDF:35.1/37

All: 2499.494 $\pm$ 1413.394 χ^2 /NDF: 65.3/72

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9335.170+/-1.771 χ^2/NDF : 624250.1/18

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9407.931+/-1.797 χ^2/NDF : 878123.9/17

Left: 9371.008+/-1.261 χ^2/NDF : 1503205.6/36

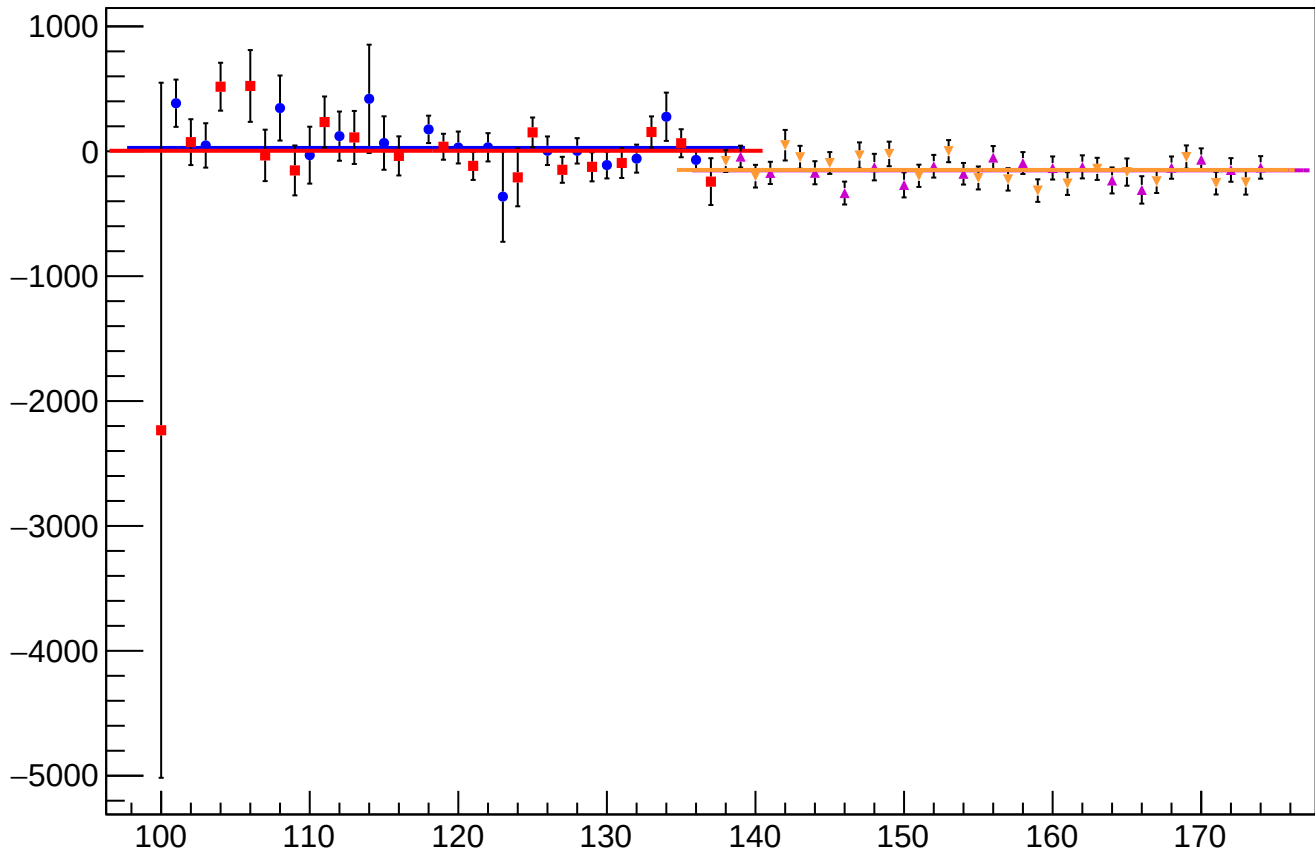
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9088.454+/-1.439 χ^2/NDF : 1738095.1/34

Out: 8838.461+/-1.389 χ^2/NDF : 1782381.2/37

All: 8959.057+/-0.999 χ^2/NDF : 3536099.4/72

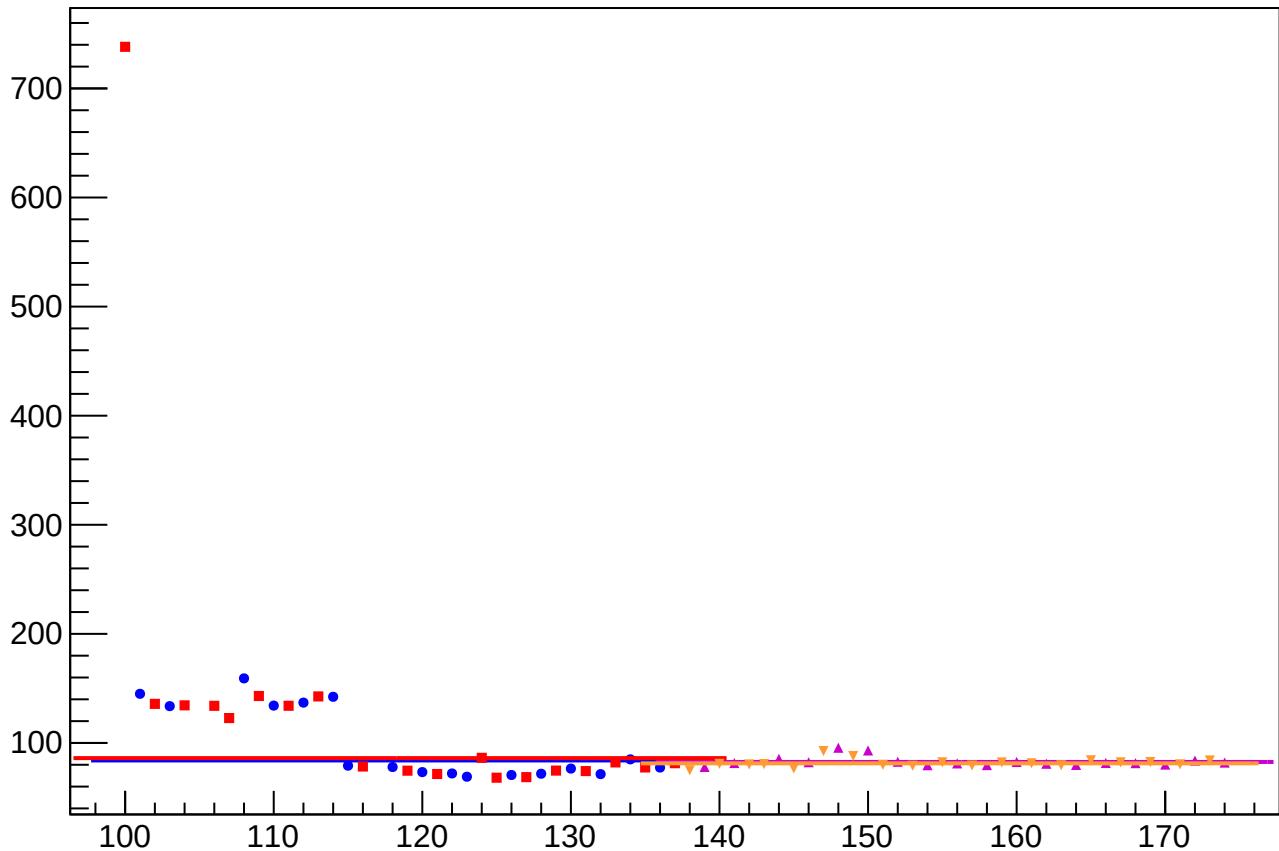
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
Left Out: -149.412 ± 21.462 $\chi^2/\text{NDF}: 21.9/18$
Right Out: 4.007 ± 33.839 $\chi^2/\text{NDF}: 24.6/18$
Left In: -152.578 ± 21.952 $\chi^2/\text{NDF}: 12.7/17$

Left: -150.960 ± 15.346 $\chi^2/\text{NDF}: 34.7/36$
Right: 15.432 ± 23.852 $\chi^2/\text{NDF}: 39.3/35$
In: -99.003 ± 18.381 $\chi^2/\text{NDF}: 47.2/34$
Out: -105.404 ± 18.124 $\chi^2/\text{NDF}: 61.1/37$
All: -102.248 ± 12.906 $\chi^2/\text{NDF}: 108.4/72$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 81.304 $\pm$ 0.015 χ^2 /NDF: 56781.5/18

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 82.579 $\pm$ 0.016 χ^2 /NDF: 69123.9/17

Left: 81.927 $\pm$ 0.011 χ^2 /NDF: 129354.4/36

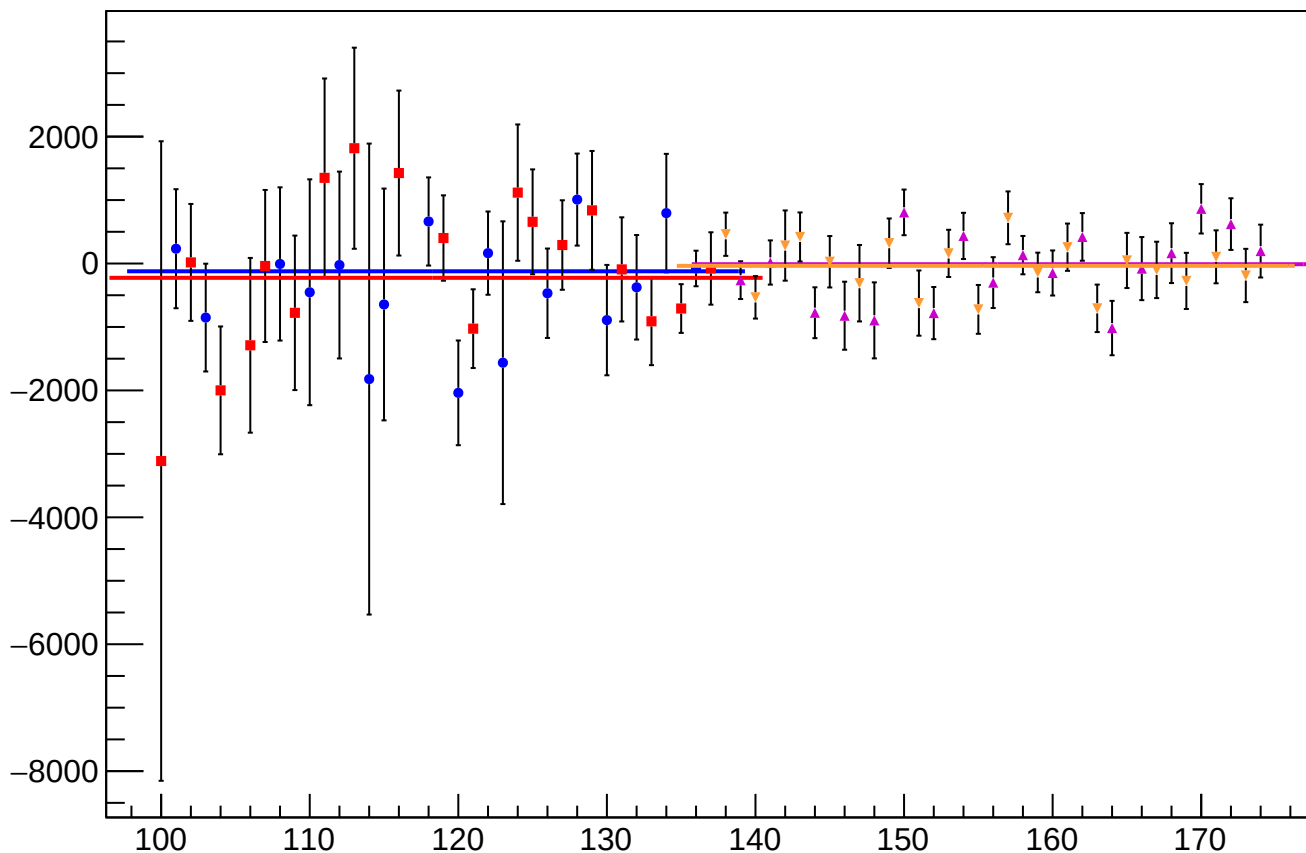
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 82.992 $\pm$ 0.013 χ^2 /NDF: 1031744.6/34

Out: 82.682 $\pm$ 0.013 χ^2 /NDF: 1221757.7/37

All: 82.835 $\pm$ 0.009 χ^2 /NDF: 2253789.9/72

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: -36.657 ± 92.075 $\chi^2/\text{NDF}: 19.7/18$

Right Out: -225.420 ± 184.973 $\chi^2/\text{NDF}: 18.3/18$

Left In: -11.293 ± 92.135 $\chi^2/\text{NDF}: 34.6/17$

Left: -23.983 ± 65.128 $\chi^2/\text{NDF}: 54.3/36$

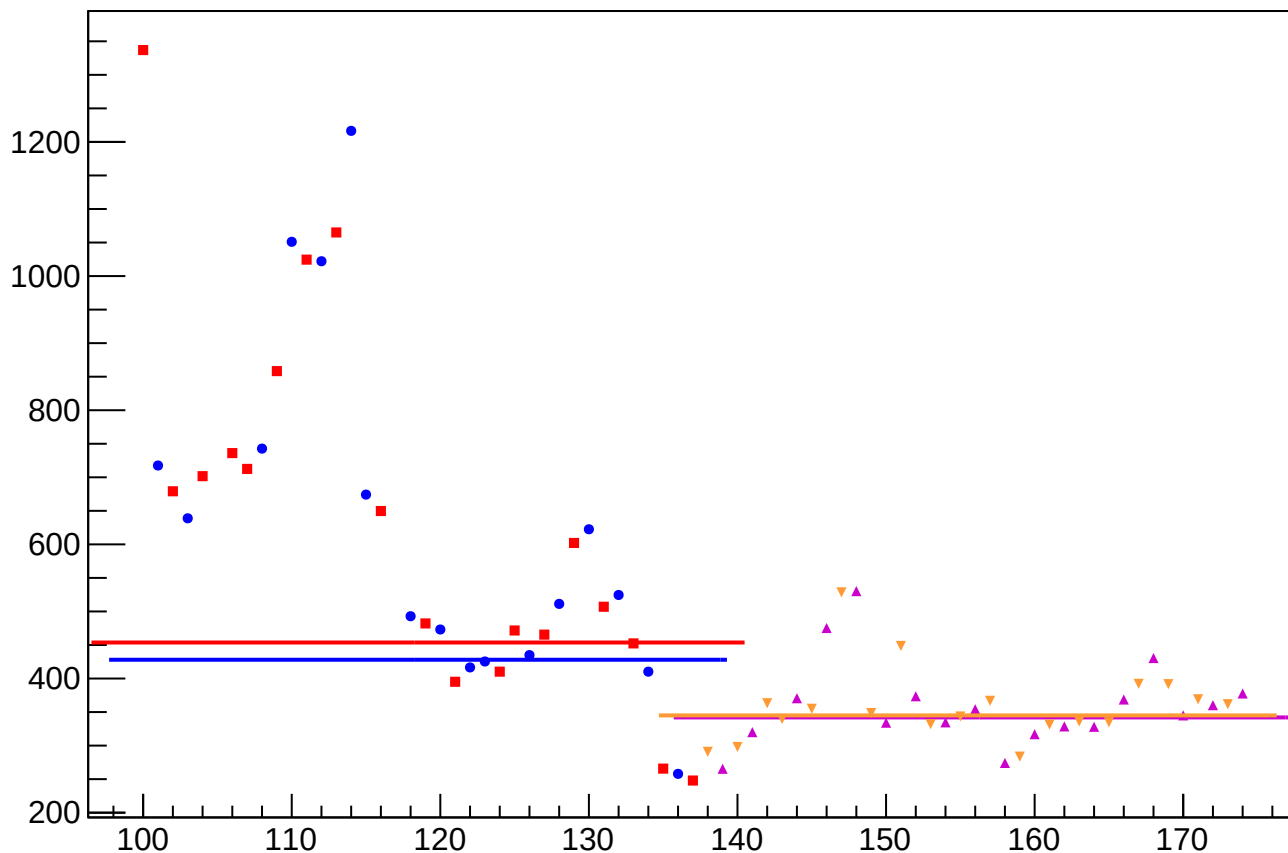
Right: -172.394 ± 128.849 $\chi^2/\text{NDF}: 31.5/35$

In: -34.446 ± 81.976 $\chi^2/\text{NDF}: 47.9/34$

Out: -74.141 ± 82.428 $\chi^2/\text{NDF}: 38.9/37$

All: -54.184 ± 58.125 $\chi^2/\text{NDF}: 86.9/72$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 345.018 $\pm$ 0.065 χ^2 /NDF: 505623.9/18

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 341.993 $\pm$ 0.065 χ^2 /NDF: 697835.0/17

Left: 343.506 $\pm$ 0.046 χ^2 /NDF: 1204537.5/36

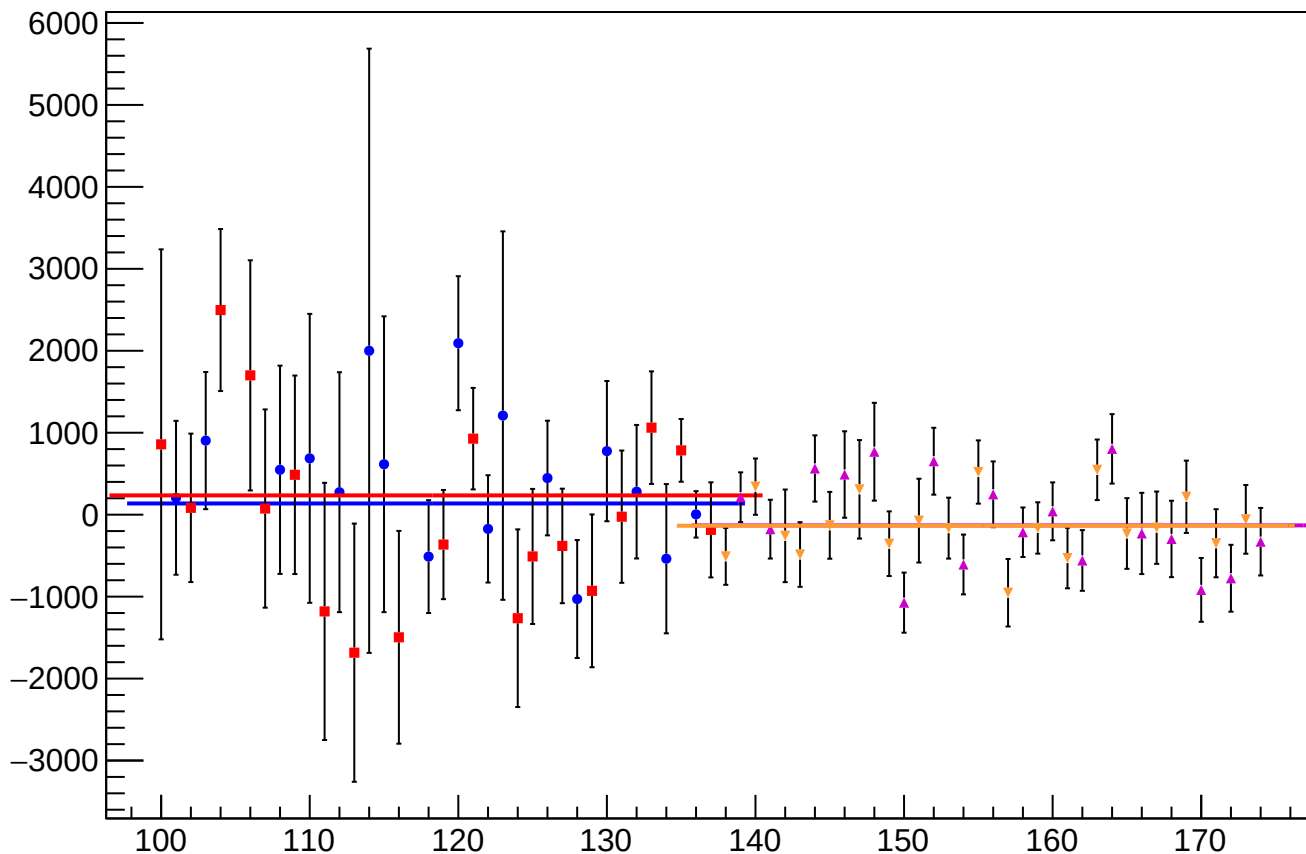
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 359.911 $\pm$ 0.058 χ^2 /NDF: 3123097.9/34

Out: 366.600 $\pm$ 0.058 χ^2 /NDF: 3193496.0/37

All: 363.237 $\pm$ 0.041 χ^2 /NDF: 6323214.9/72

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -135.084+/-92.370 χ^2/NDF : 17.2/18

Right Out: 235.334+/-184.025 χ^2/NDF : 21.8/18

Left In: -130.737+/-92.333 χ^2/NDF : 34.3/17

Left: -132.910+/-65.302 χ^2/NDF : 51.5/36

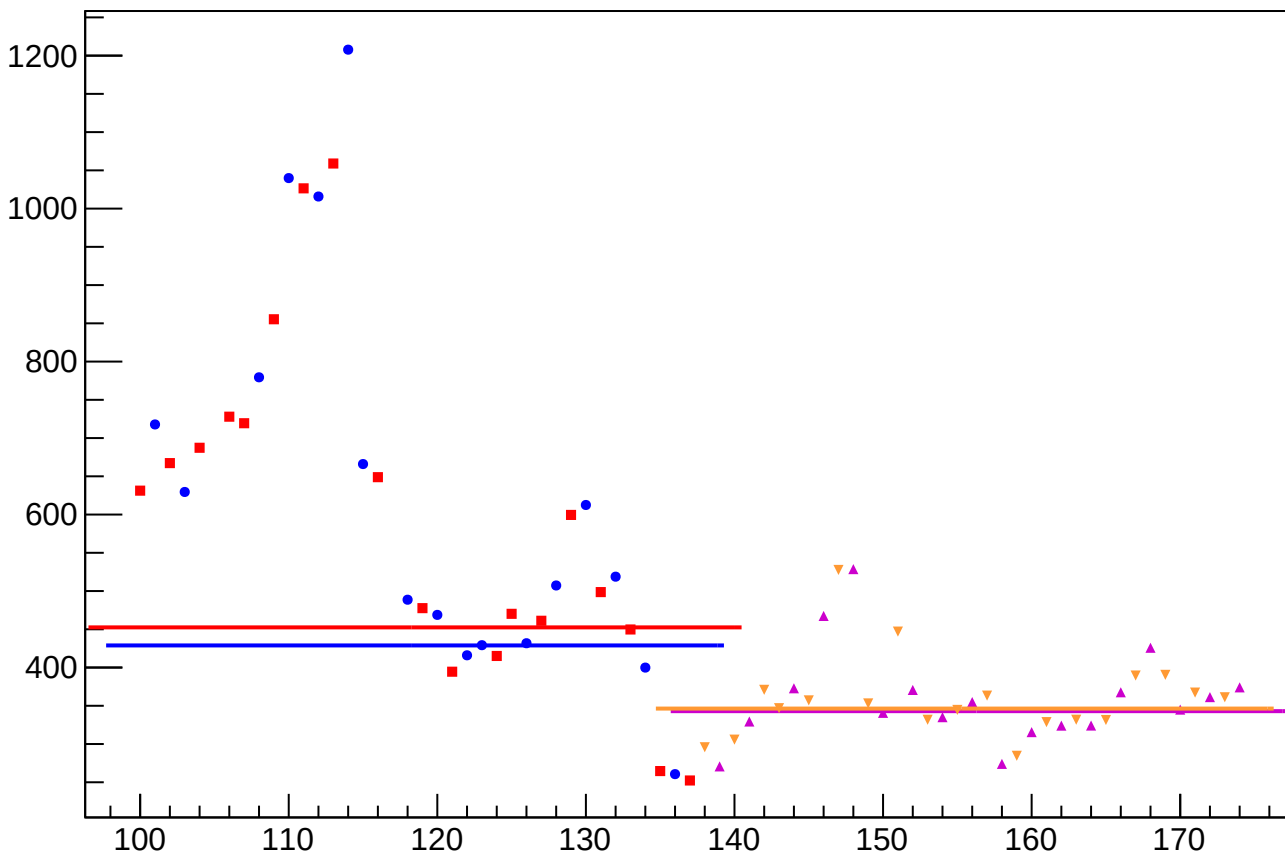
Right: 184.875+/-128.536 χ^2/NDF : 34.6/35

In: -74.810+/-82.118 χ^2/NDF : 48.7/34

Out: -60.540+/-82.554 χ^2/NDF : 42.2/37

All: -67.713+/-58.220 χ^2/NDF : 90.9/72

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 346.339+/-0.065 χ^2/NDF : 476635.7/18

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 342.959+/-0.065 χ^2/NDF : 652978.1/17

Left: 344.648+/-0.046 χ^2/NDF : 1130953.4/36

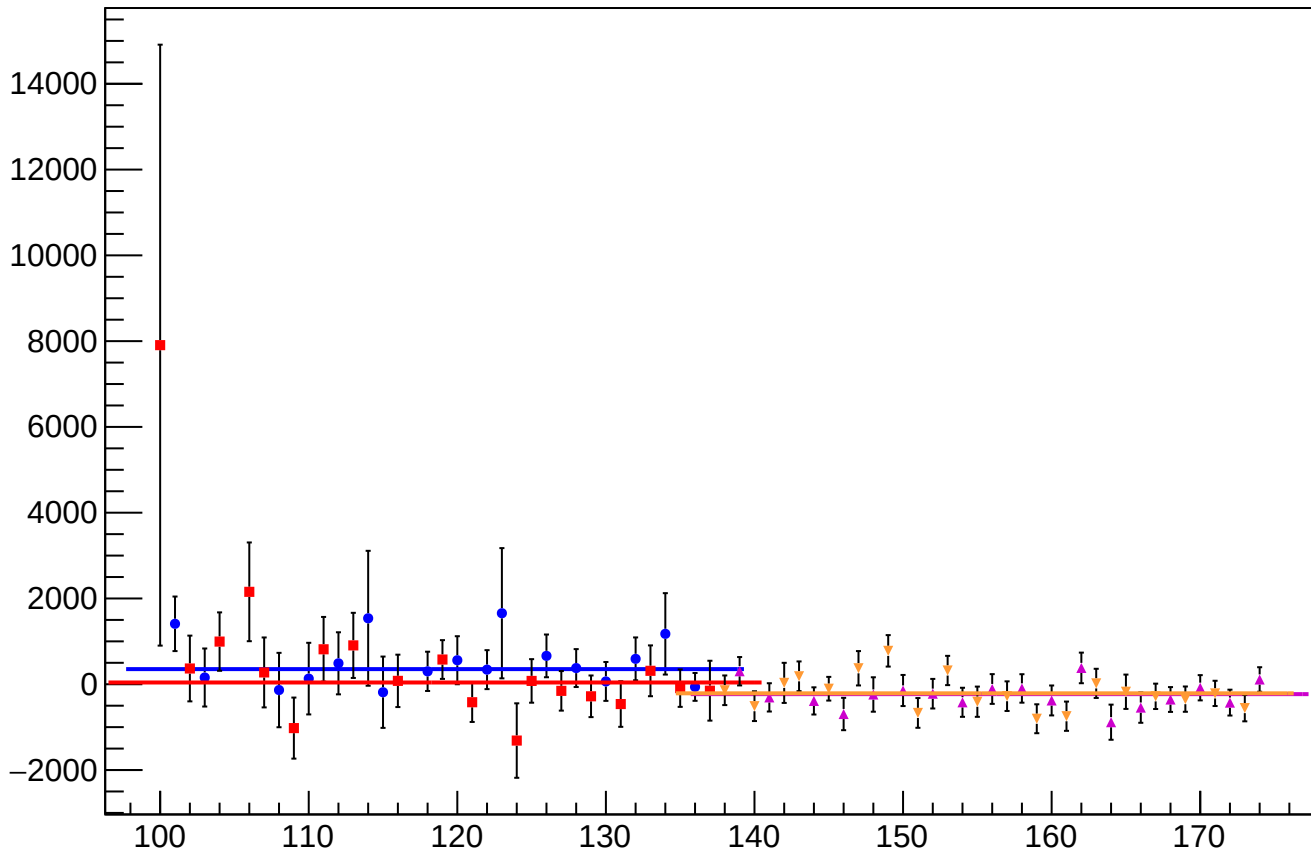
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 360.921+/-0.058 χ^2/NDF : 3025667.4/34

Out: 367.701+/-0.058 χ^2/NDF : 3050240.9/37

All: 364.293+/-0.041 χ^2/NDF : 6082687.2/72

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: -211.356 ± 77.397 $\chi^2/\text{NDF}: 24.0/18$

Right Out: 41.079 ± 138.996 $\chi^2/\text{NDF}: 18.2/18$

Left In: -230.514 ± 78.969 $\chi^2/\text{NDF}: 13.8/17$

Left: -220.743 ± 55.275 $\chi^2/\text{NDF}: 37.8/36$

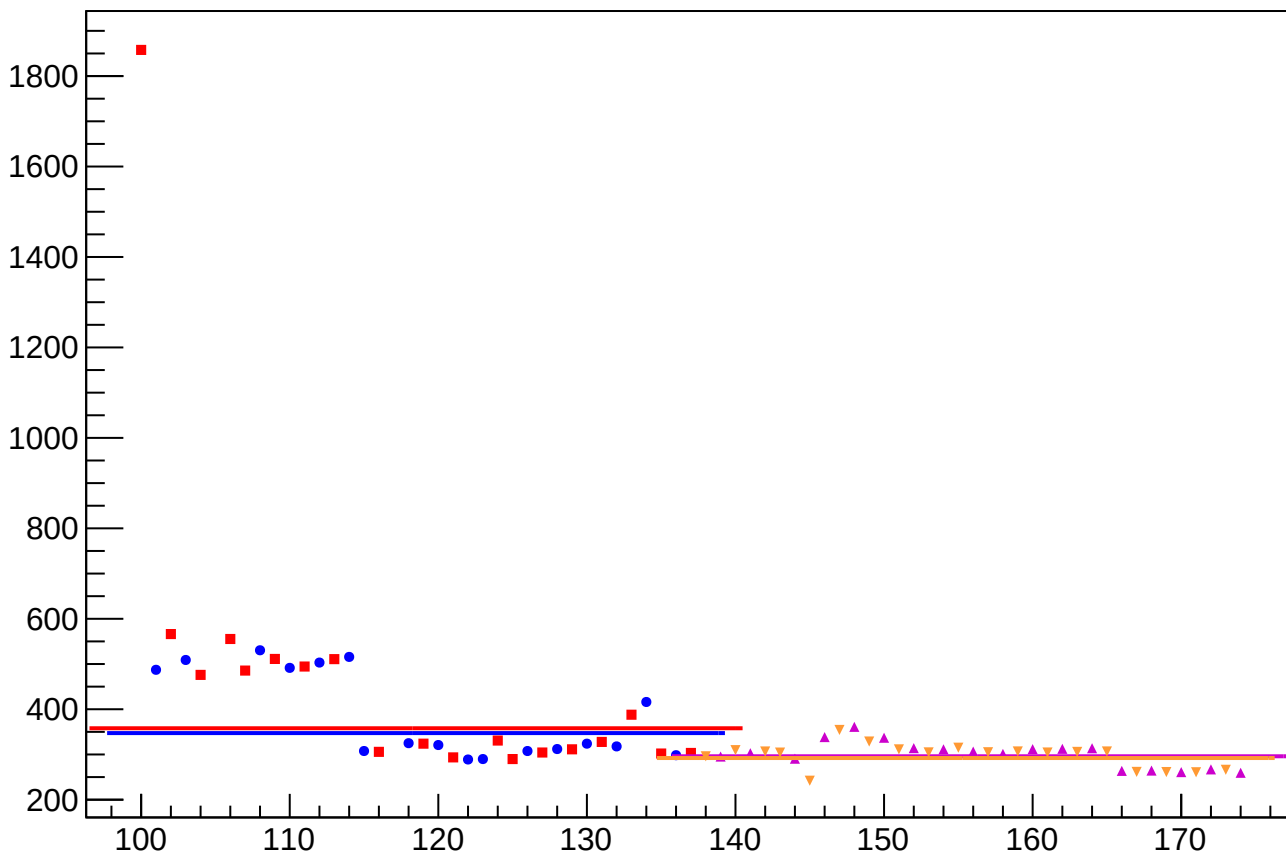
Right: 198.919 ± 97.679 $\chi^2/\text{NDF}: 29.3/35$

In: -85.482 ± 68.454 $\chi^2/\text{NDF}: 35.9/34$

Out: -151.611 ± 67.621 $\chi^2/\text{NDF}: 44.7/37$

All: -118.951 ± 48.107 $\chi^2/\text{NDF}: 81.1/72$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 292.136+/-0.055 χ^2/NDF : 256050.7/18

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 296.013+/-0.056 χ^2/NDF : 248691.4/17

Left: 294.036+/-0.039 χ^2/NDF : 507201.4/36

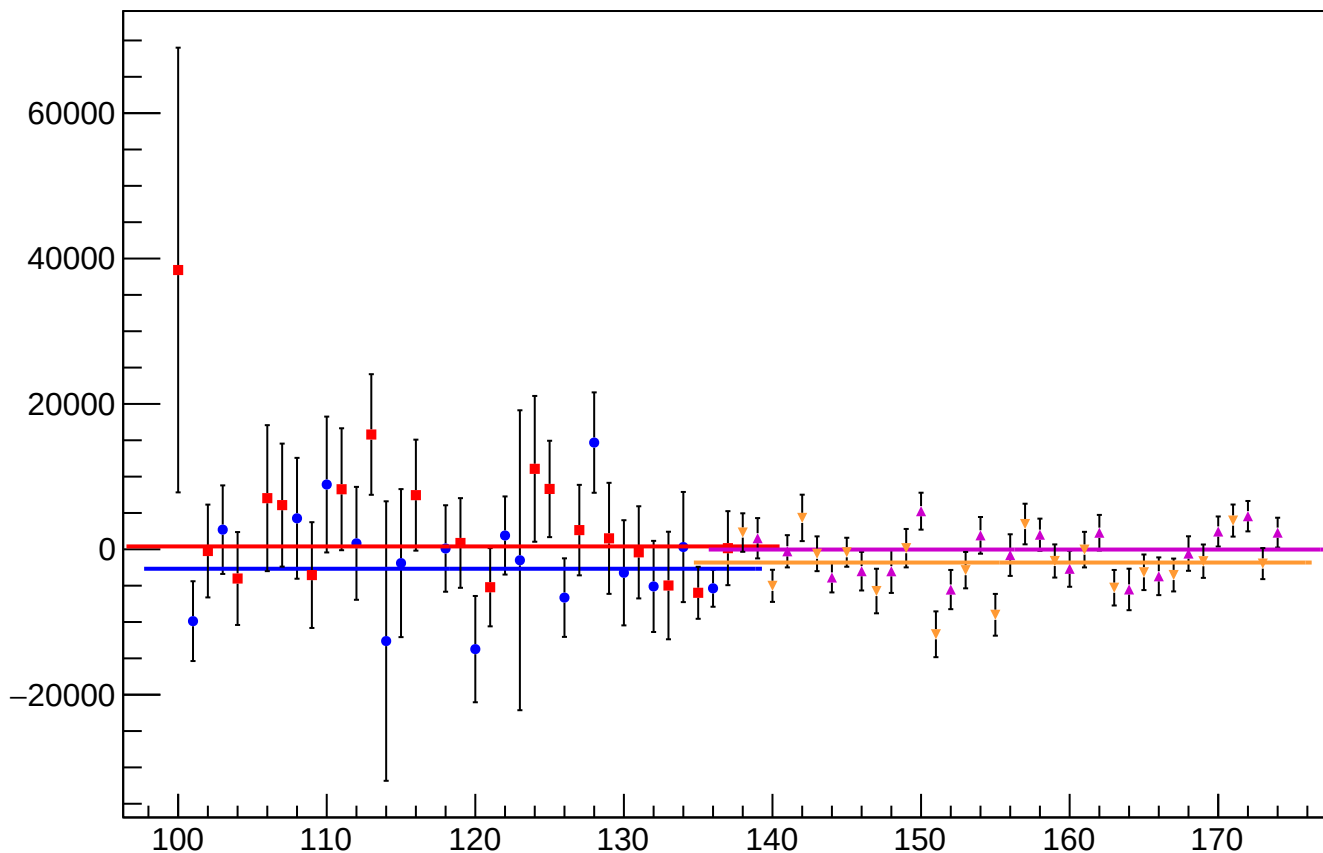
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 308.757+/-0.048 χ^2/NDF : 1077128.9/34

Out: 307.714+/-0.048 χ^2/NDF : 1450024.2/37

All: 308.229+/-0.034 χ^2/NDF : 2527388.2/72

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1818.972+/-564.838 χ^2/NDF : 41.3/18

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -30.820+/-569.936 χ^2/NDF : 31.4/17

Left: -932.929+/-401.191 χ^2/NDF : 77.7/36

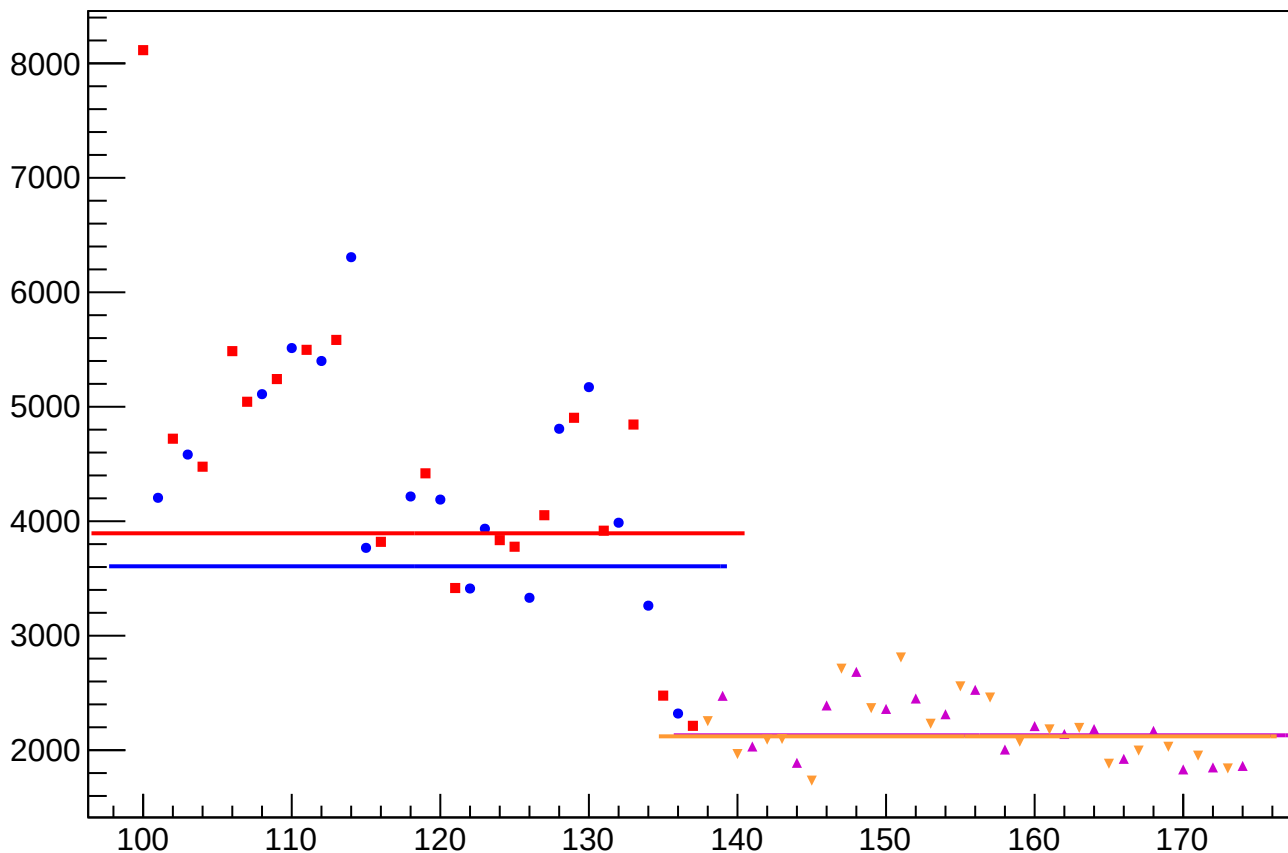
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -381.935+/-530.734 χ^2/NDF : 51.0/34

Out: -1548.665+/-529.292 χ^2/NDF : 59.1/37

All: -966.886+/-374.775 χ^2/NDF : 112.5/72

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2120.831+/-0.399 χ^2/NDF : 435582.8/18

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2129.976+/-0.403 χ^2/NDF : 378254.7/17

Left: 2125.363+/-0.284 χ^2/NDF : 814097.3/36

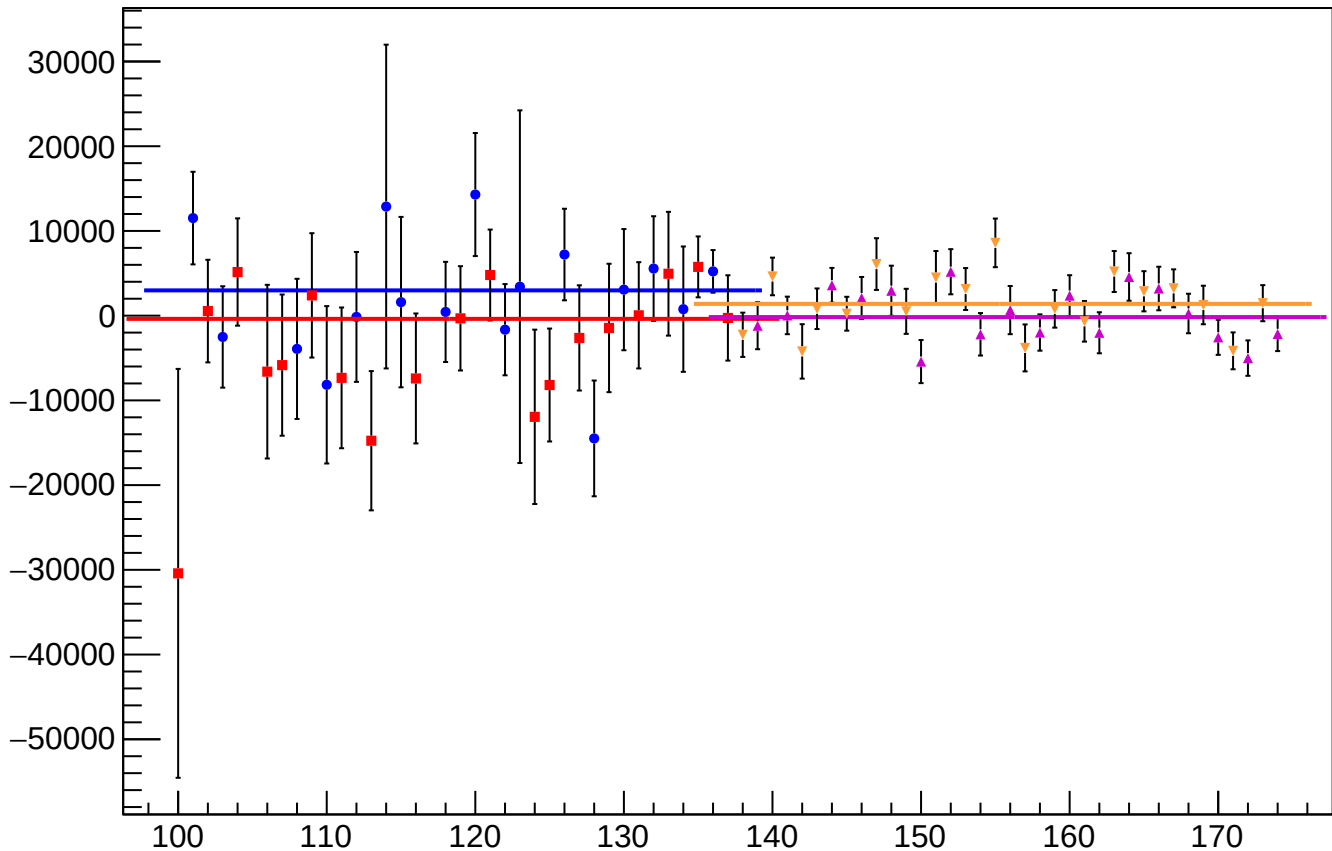
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2326.094+/-0.375 χ^2/NDF : 3253537.1/34

Out: 2337.057+/-0.374 χ^2/NDF : 3872615.3/37

All: 2331.590+/-0.265 χ^2/NDF : 7126580.2/72

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 1389.736 $\pm$ 560.159 χ^2/NDF : 32.2/18

Right Out: -377.377 $\pm$ 1507.395 χ^2/NDF : 15.0/18

Left In: -166.317 $\pm$ 563.006 χ^2/NDF : 29.1/17

Left: 615.653 $\pm$ 397.095 χ^2/NDF : 65.1/36

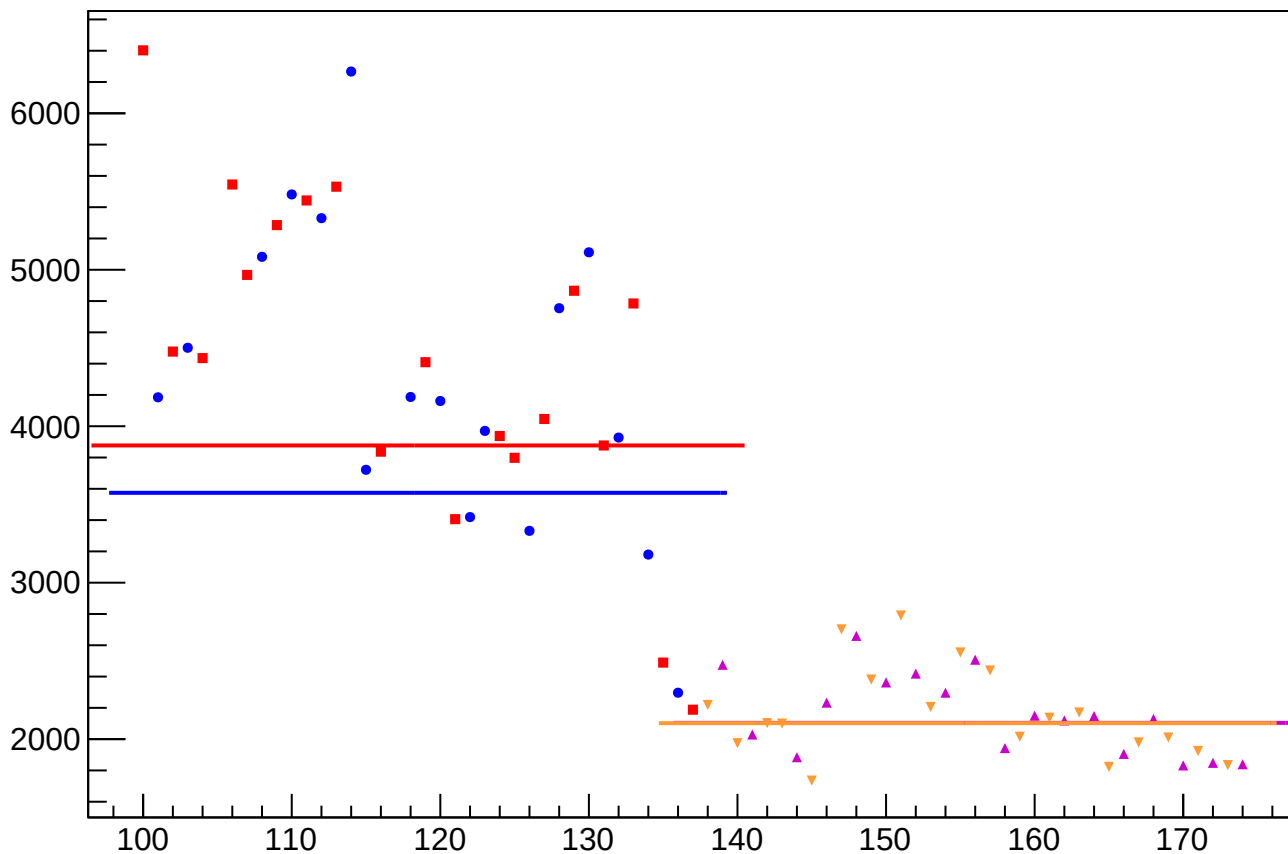
Right: 1375.706 $\pm$ 1042.614 χ^2/NDF : 35.1/35

In: 249.523 $\pm$ 524.528 χ^2/NDF : 50.7/34

Out: 1175.321 $\pm$ 525.076 χ^2/NDF : 48.4/37

All: 711.938 $\pm$ 371.091 χ^2/NDF : 100.7/72

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2102.089 $\pm$ 0.396 χ^2 /NDF:443661.4/18

Right Out: 3877.124 $\pm$ 1.066 χ^2 /NDF: 990125.2/18

Left In: 2103.952 $\pm$ 0.398 χ^2 /NDF:361065.7/17

Left: 2103.016 $\pm$ 0.281 χ^2 /NDF: 804738.2/36

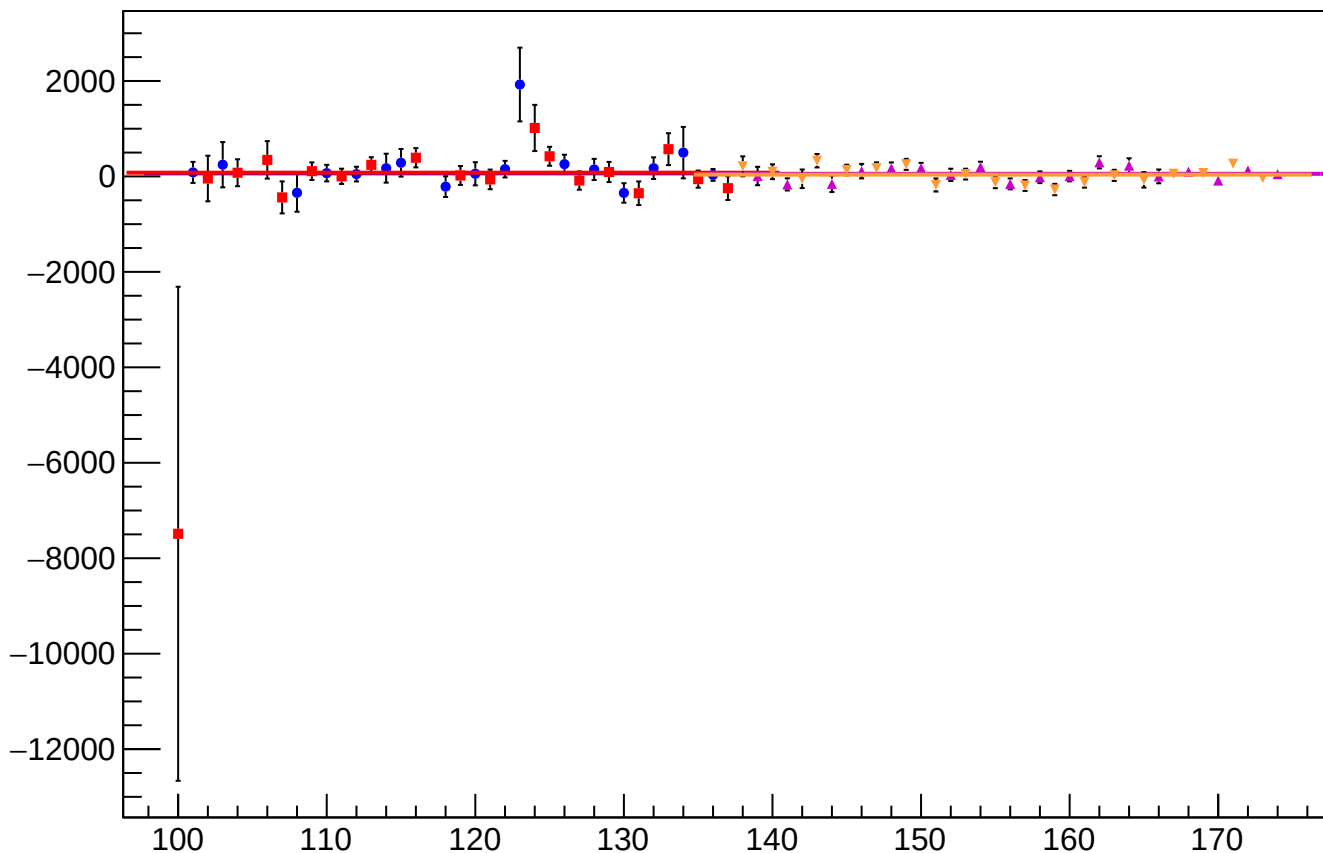
Right: 3719.204 $\pm$ 0.737 χ^2 /NDF: 2123559.1/35

In: 2298.069 $\pm$ 0.371 χ^2 /NDF:3253389.9/34

Out: 2317.465 $\pm$ 0.371 χ^2 /NDF:3870544.0/37

All: 2307.757 $\pm$ 0.262 χ^2 /NDF: 7125299.8/72

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 38.323+/-26.564 χ^2/NDF : 35.8/18

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 55.151+/-27.187 χ^2/NDF : 20.6/17

Left: 46.541+/-19.000 χ^2/NDF : 56.6/36

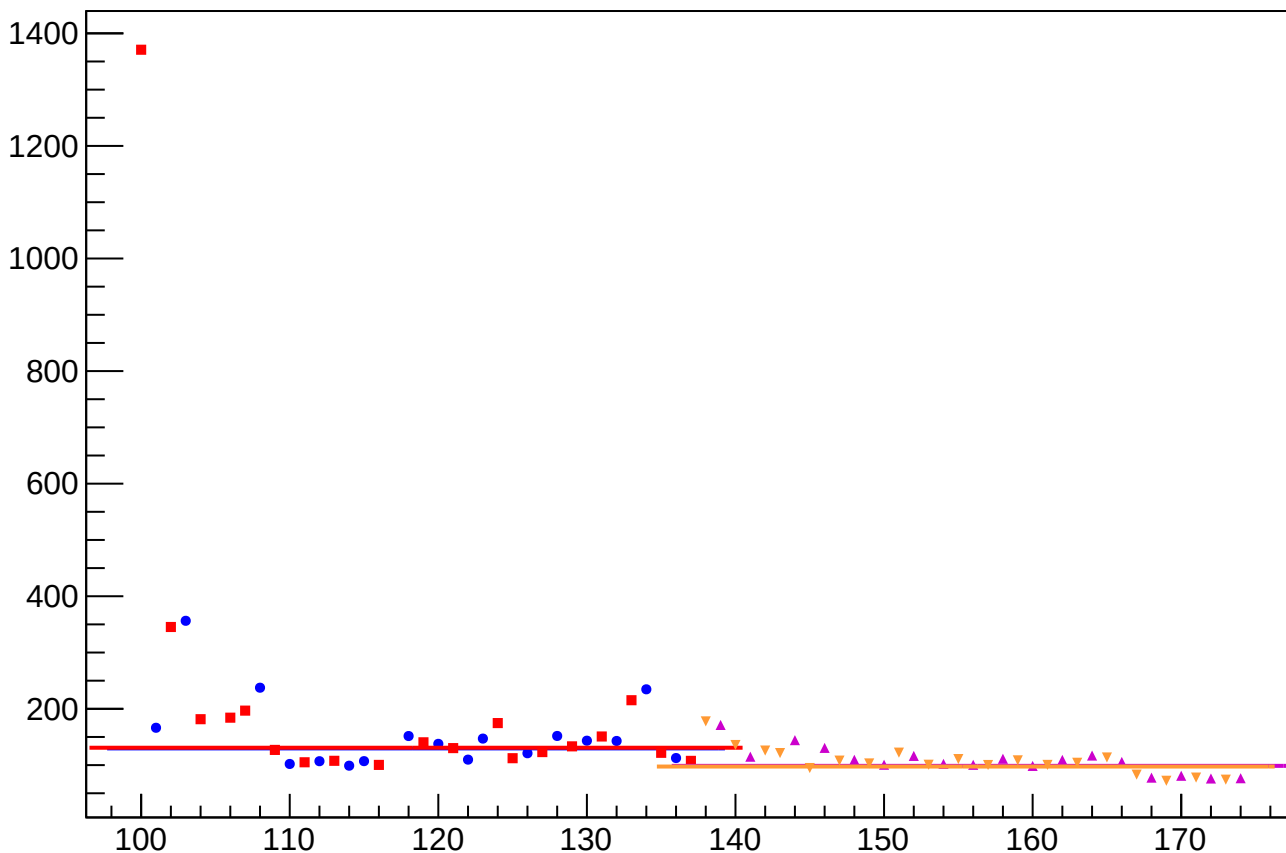
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 57.268+/-24.162 χ^2/NDF : 36.3/34

Out: 46.592+/-23.688 χ^2/NDF : 60.5/37

All: 51.825+/-16.915 χ^2/NDF : 97.0/72

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 97.459 $\pm$ 0.019 χ^2 /NDF:1150125.8/18

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 98.681 $\pm$ 0.019 χ^2 /NDF:1125850.5/17

Left: 98.056 $\pm$ 0.013 χ^2 /NDF: 2278045.1/36

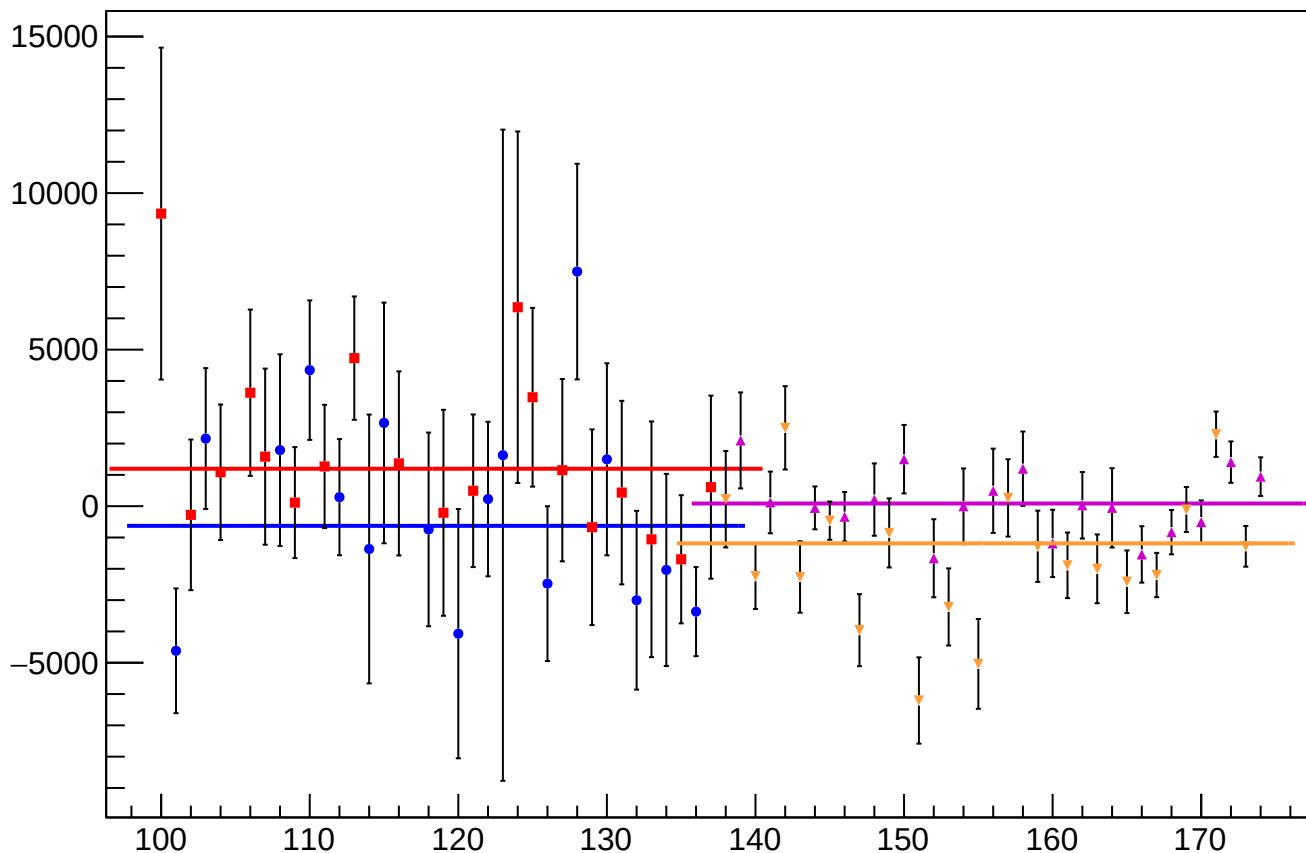
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 105.201 $\pm$ 0.017 χ^2 /NDF:2662643.8/34

Out: 104.303 $\pm$ 0.017 χ^2 /NDF:2840804.3/37

All: 104.743 $\pm$ 0.012 χ^2 /NDF: 5504853.9/72

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1187.471 ± 218.383 χ^2/NDF : 72.3/18

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 85.642 ± 213.404 χ^2/NDF : 19.7/17

Left: -536.234 ± 152.629 χ^2/NDF : 109.4/36

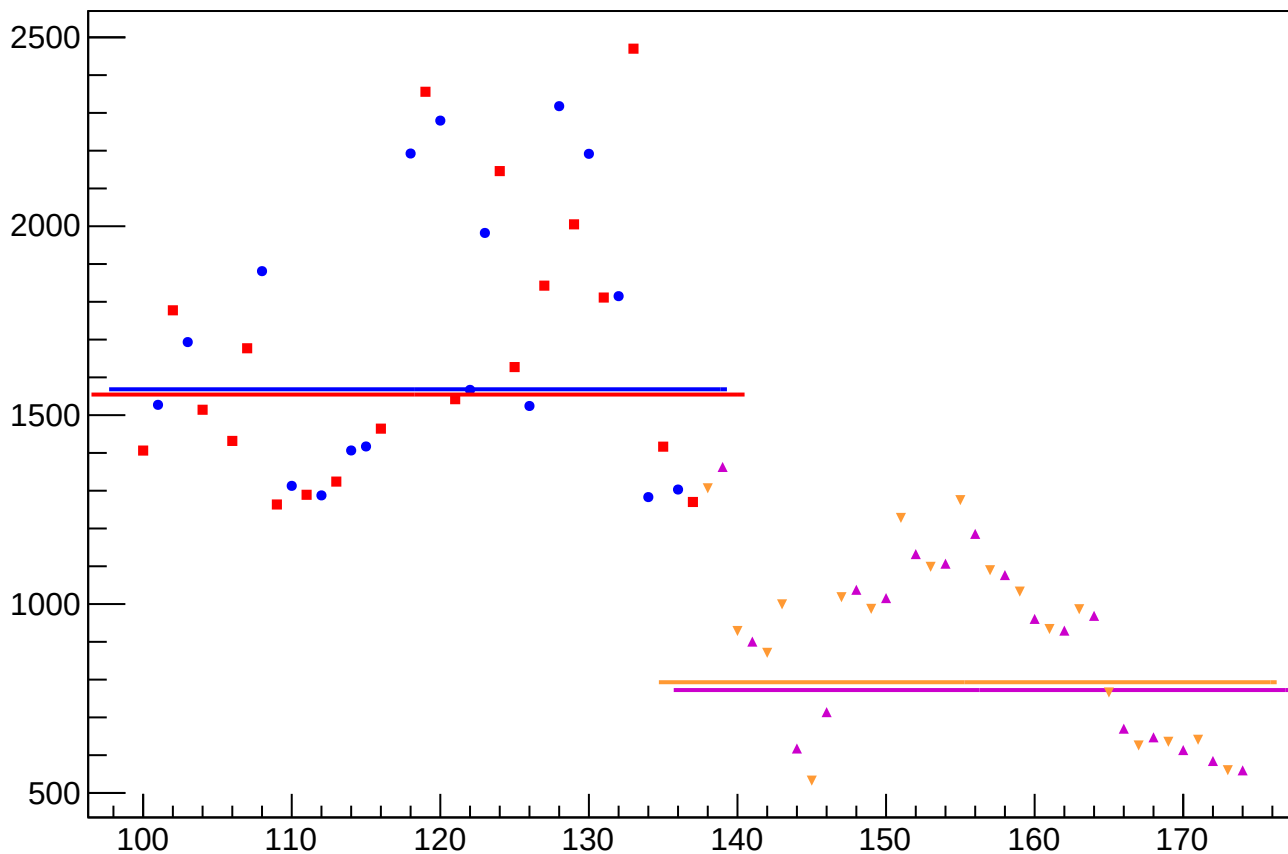
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: 10.354 ± 201.836 χ^2/NDF : 45.2/34

Out: -905.059 ± 205.039 χ^2/NDF : 98.2/37

All: -440.147 ± 143.839 χ^2/NDF : 153.5/72

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 793.086+/-0.154 χ^2/NDF : 2234433.6/18

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 772.379+/-0.151 χ^2/NDF : 2033762.4/17

Left: 782.494+/-0.108 χ^2/NDF : 4277393.7/36

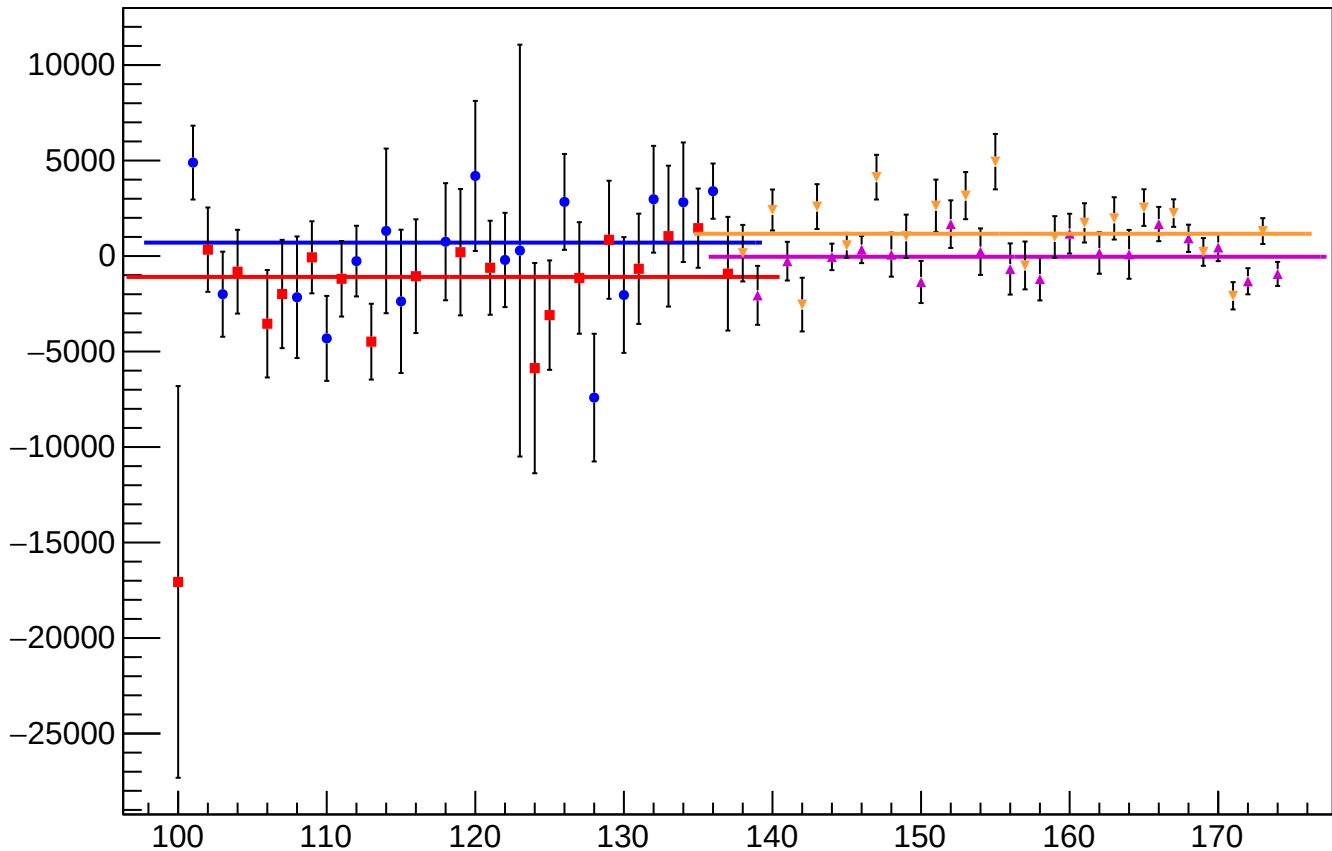
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 856.345+/-0.143 χ^2/NDF : 5503562.3/34

Out: 883.300+/-0.145 χ^2/NDF : 5627202.6/37

All: 869.610+/-0.102 χ^2/NDF : 11148319.4/72

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1165.957 $\pm$ 221.402 χ^2 /NDF: 57.4/18

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -37.517 $\pm$ 213.727 χ^2 /NDF: 19.6/17

Left: 543.000 $\pm$ 153.769 χ^2 /NDF: 92.3/36

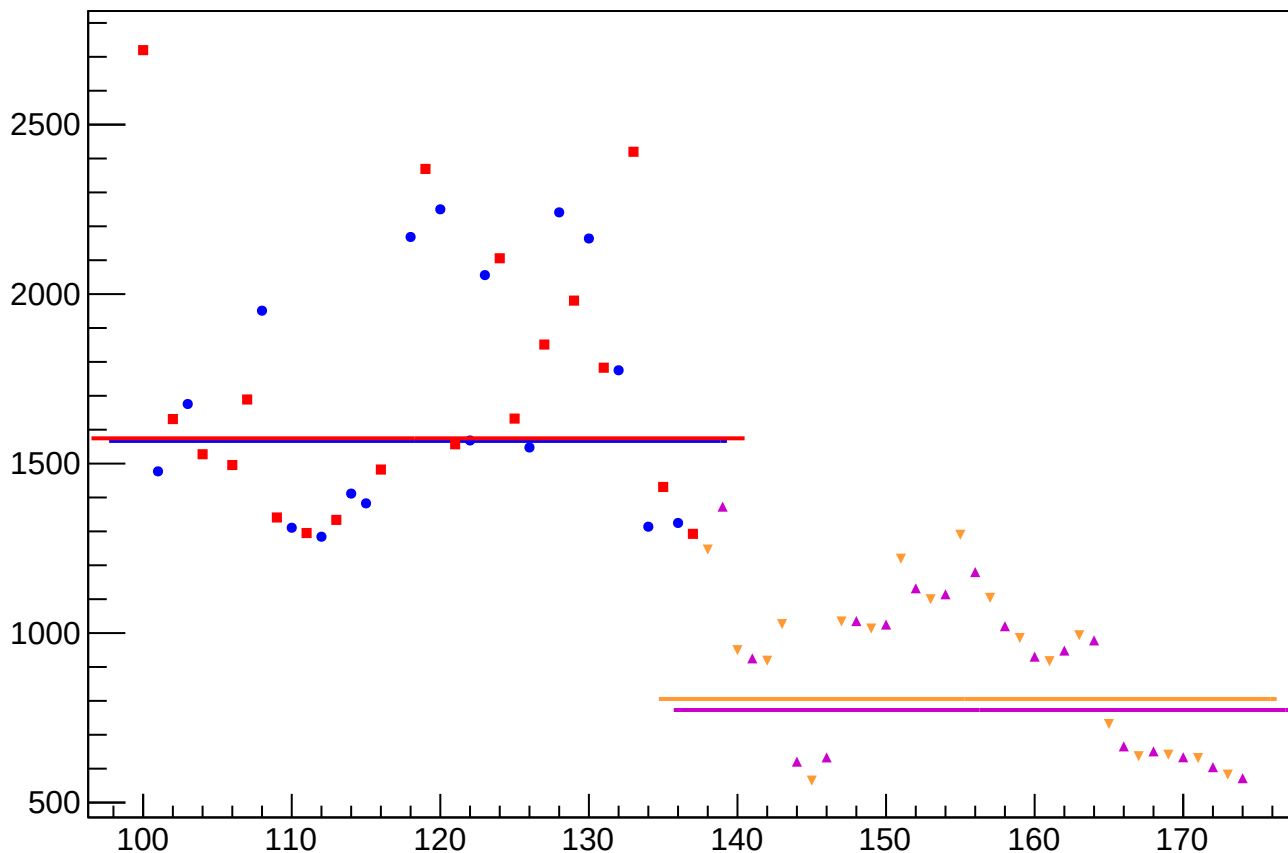
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 41.000 $\pm$ 202.080 χ^2 /NDF: 46.8/34

Out: 897.659 $\pm$ 207.843 χ^2 /NDF: 80.4/37

All: 457.287 $\pm$ 144.887 χ^2 /NDF: 136.0/72

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 ± 0.439 $\chi^2/\text{NDF}: 499846.2/16$

Left Out: 805.668 ± 0.157 $\chi^2/\text{NDF}: 2045003.7/18$

Right Out: 1574.525 ± 0.427 $\chi^2/\text{NDF}: 464289.2/18$

Left In: 773.082 ± 0.151 $\chi^2/\text{NDF}: 1970397.6/17$

Left: 788.800 ± 0.109 $\chi^2/\text{NDF}: 4037828.3/36$

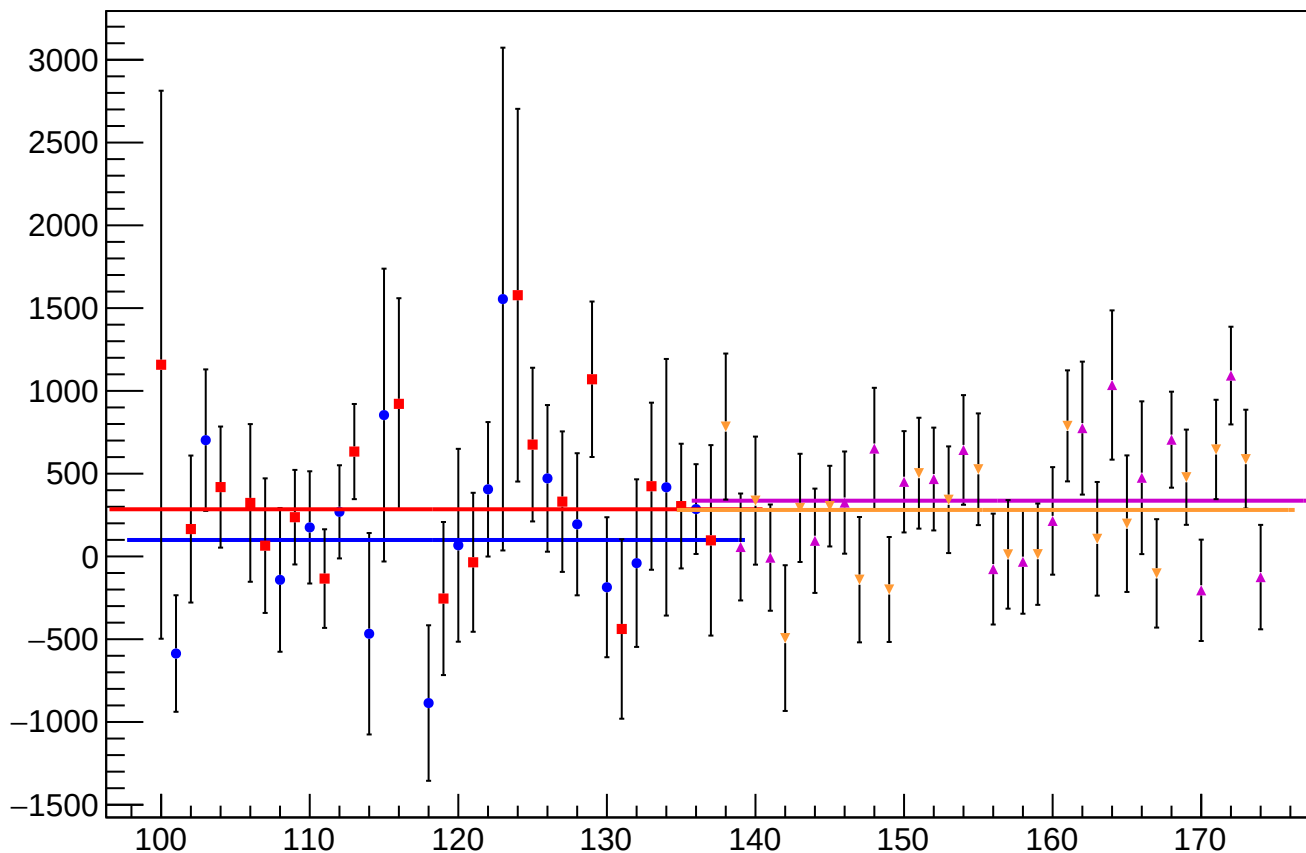
Right: 1570.839 ± 0.306 $\chi^2/\text{NDF}: 964289.1/35$

In: 857.248 ± 0.143 $\chi^2/\text{NDF}: 5395675.1/34$

Out: 896.951 ± 0.147 $\chi^2/\text{NDF}: 5372834.5/37$

All: 876.541 ± 0.102 $\chi^2/\text{NDF}: 10806026.7/72$

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 280.846 $\pm$ 75.717 χ^2/NDF : 17.4/18

Right Out: 284.883 $\pm$ 97.709 χ^2/NDF : 14.0/18

Left In: 336.715 $\pm$ 77.634 χ^2/NDF : 24.6/17

Left: 308.082 $\pm$ 54.205 χ^2/NDF : 42.2/36

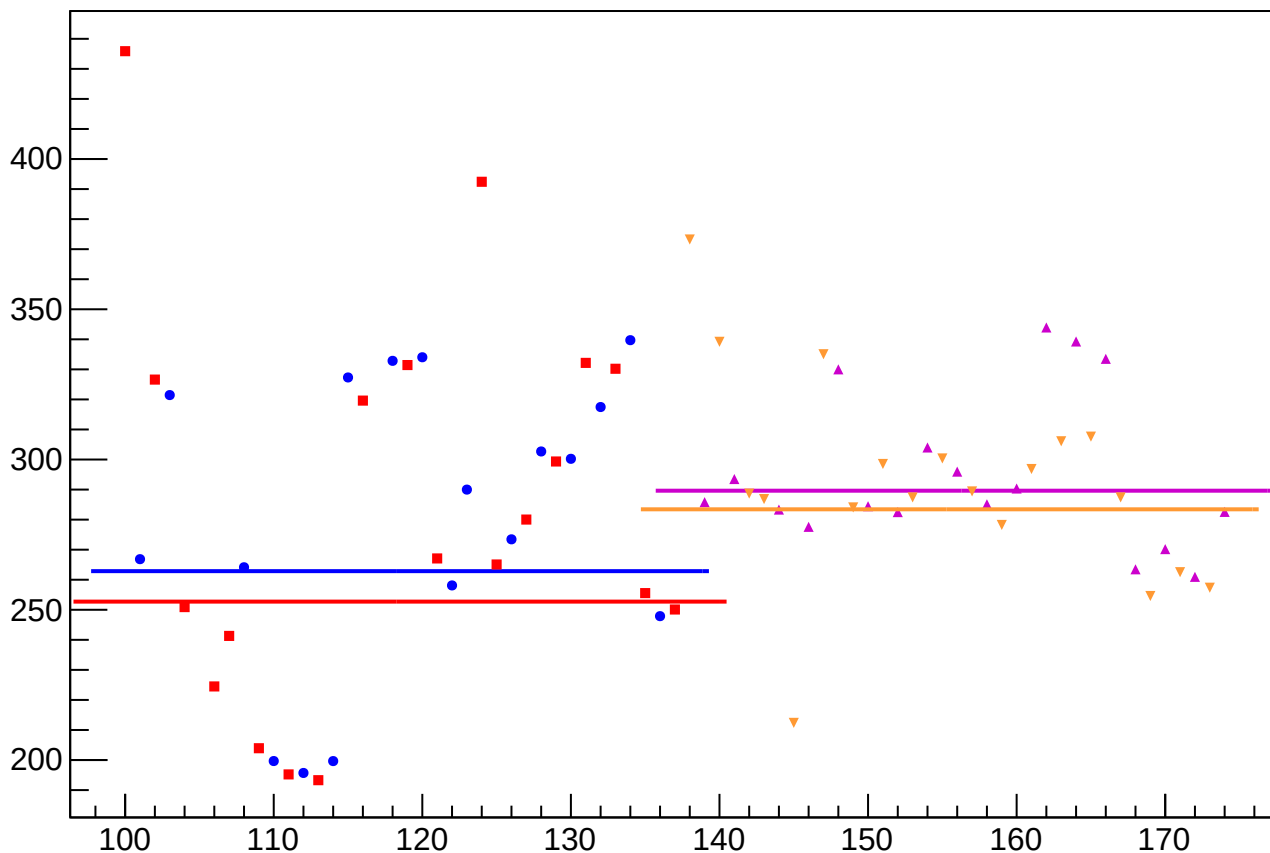
Right: 197.437 $\pm$ 71.038 χ^2/NDF : 31.6/35

In: 251.226 $\pm$ 62.097 χ^2/NDF : 43.9/34

Out: 282.360 $\pm$ 59.850 χ^2/NDF : 31.4/37

All: 267.366 $\pm$ 43.093 χ^2/NDF : 75.4/72

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 283.433 $\pm$ 0.054 χ^2 /NDF: 407094.0/18

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 289.628 $\pm$ 0.055 χ^2 /NDF: 158295.3/17

Left: 286.453 $\pm$ 0.038 χ^2 /NDF: 571916.0/36

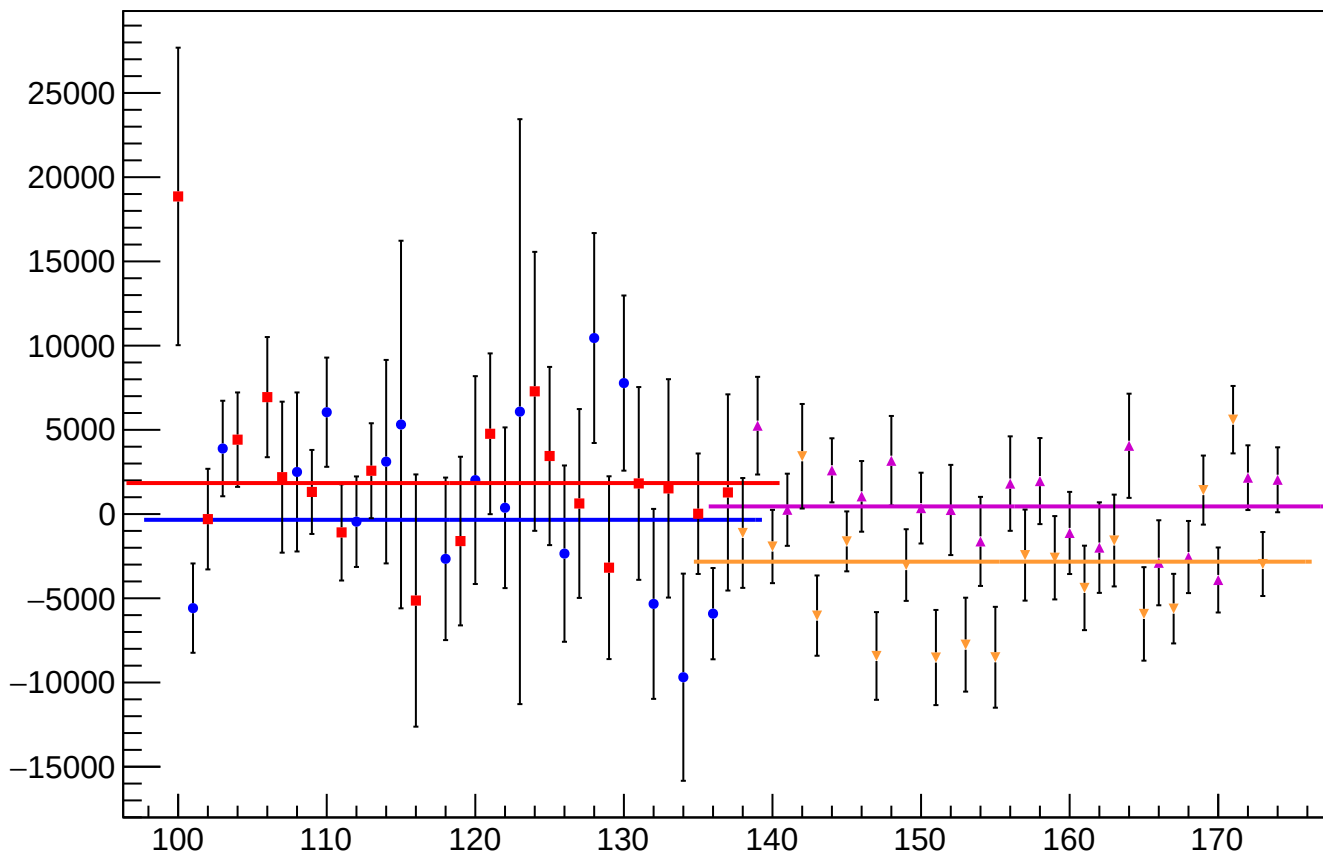
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 279.984 $\pm$ 0.044 χ^2 /NDF: 655665.1/34

Out: 271.910 $\pm$ 0.042 χ^2 /NDF: 1070288.2/37

All: 275.798 $\pm$ 0.030 χ^2 /NDF: 1743485.6/72

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2 /NDF: 24.4/16

Left Out: -2826.423 $\pm$ 545.704 χ^2 /NDF: 47.9/18

Right Out: 1840.596 $\pm$ 924.746 χ^2 /NDF: 11.7/18

Left In: 453.882 $\pm$ 545.083 χ^2 /NDF: 19.2/17

Left: -1184.403 $\pm$ 385.651 χ^2 /NDF: 85.2/36

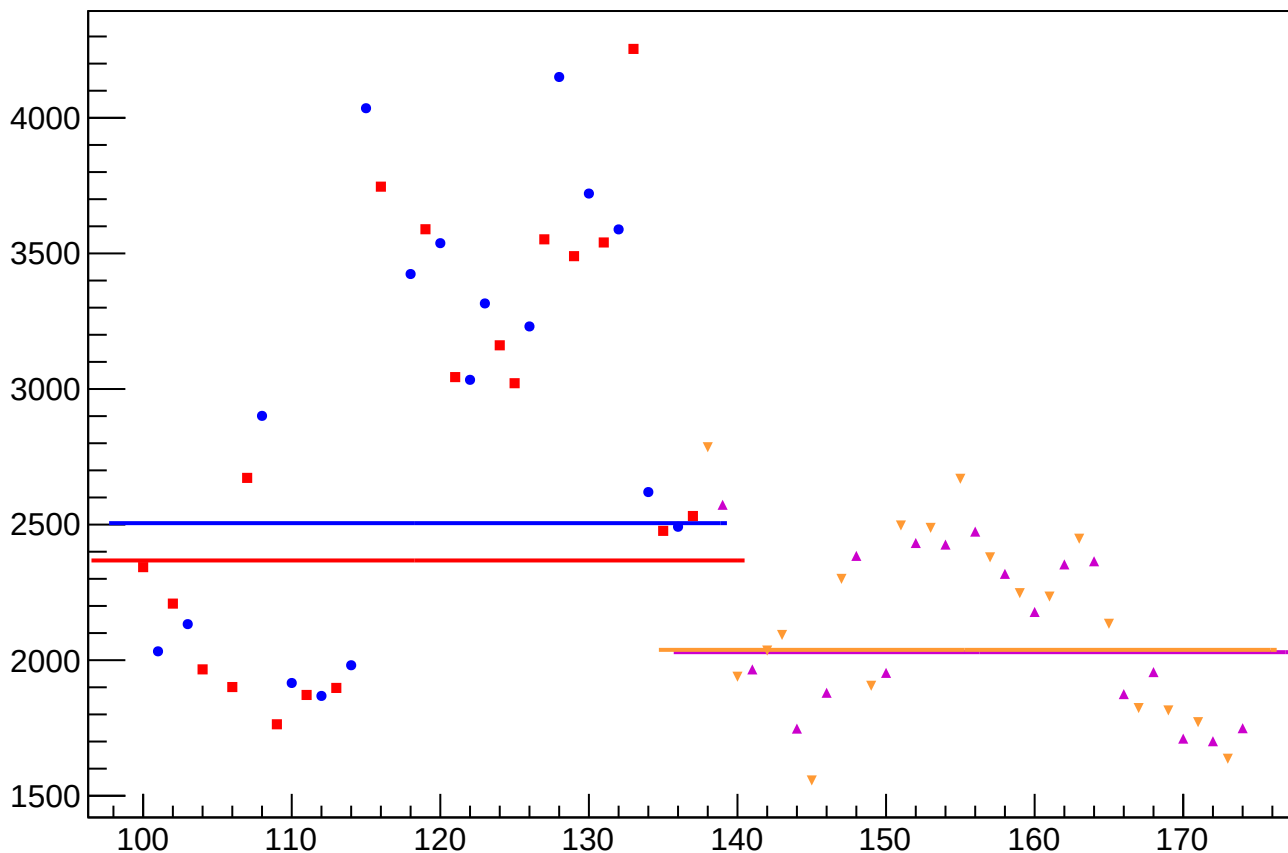
Right: 839.728 $\pm$ 680.387 χ^2 /NDF: 38.7/35

In: 272.980 $\pm$ 479.106 χ^2 /NDF: 44.1/34

Out: -1620.988 $\pm$ 469.975 χ^2 /NDF: 78.5/37

All: -692.224 $\pm$ 335.504 χ^2 /NDF: 130.6/72

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2 /NDF: 864133.9/16

Left Out: 2038.078 $\pm$ 0.386 χ^2 /NDF: 754603.8/18

Right Out: 2367.730 $\pm$ 0.654 χ^2 /NDF: 1030895.6/18

Left In: 2029.548 $\pm$ 0.385 χ^2 /NDF: 555505.5/17

Left: 2033.809 $\pm$ 0.273 χ^2 /NDF: 1310353.9/36

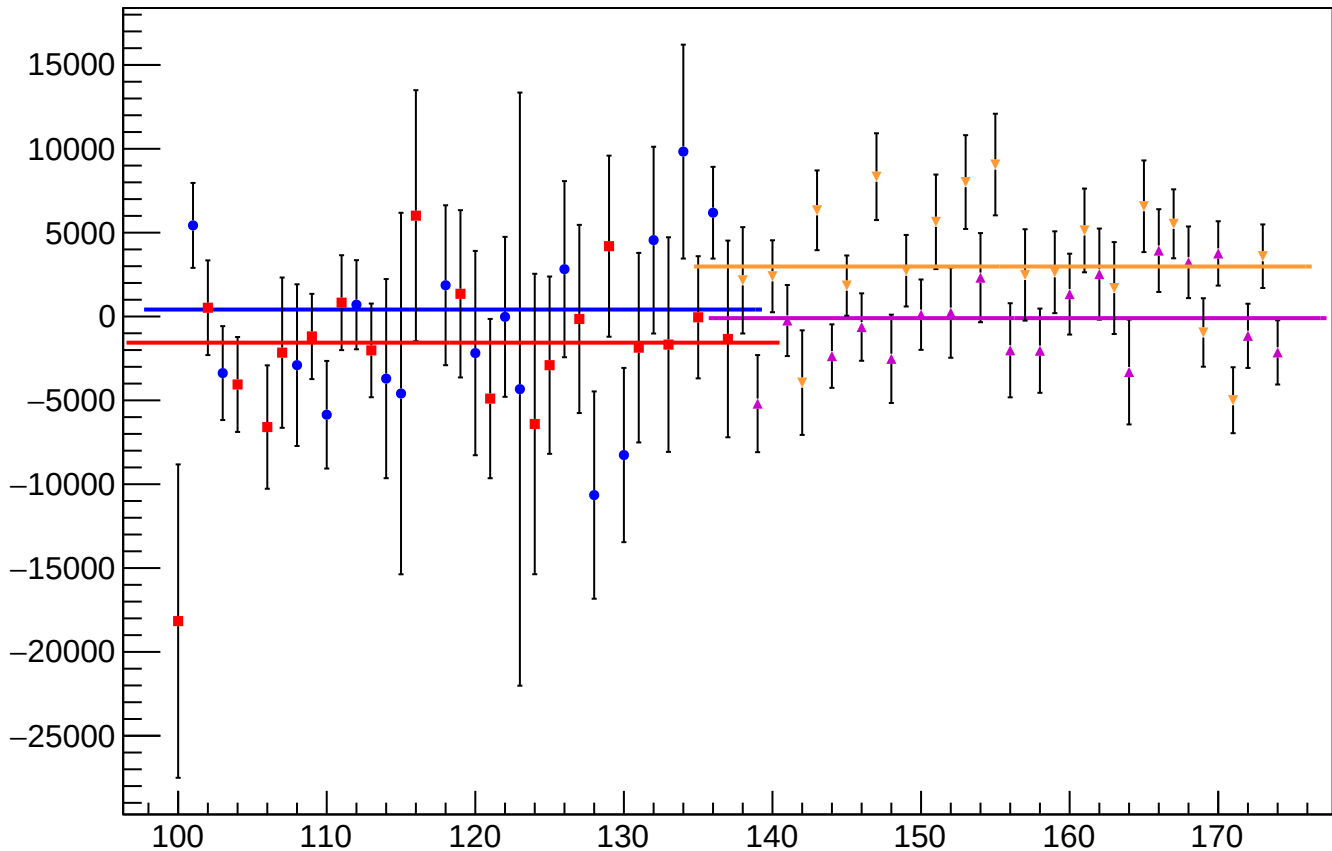
Right: 2430.842 $\pm$ 0.481 χ^2 /NDF: 1915339.5/35

In: 2137.755 $\pm$ 0.339 χ^2 /NDF: 1766189.2/34

Out: 2123.224 $\pm$ 0.332 χ^2 /NDF: 1974007.9/37

All: 2130.349 $\pm$ 0.237 χ^2 /NDF: 3741134.7/72

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2981.976 $\pm$ 543.726 χ^2 /NDF:44.5/18

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -97.748 $\pm$ 541.065 χ^2 /NDF:20.3/17

Left: 1434.558 $\pm$ 383.528 χ^2 /NDF: 80.9/36

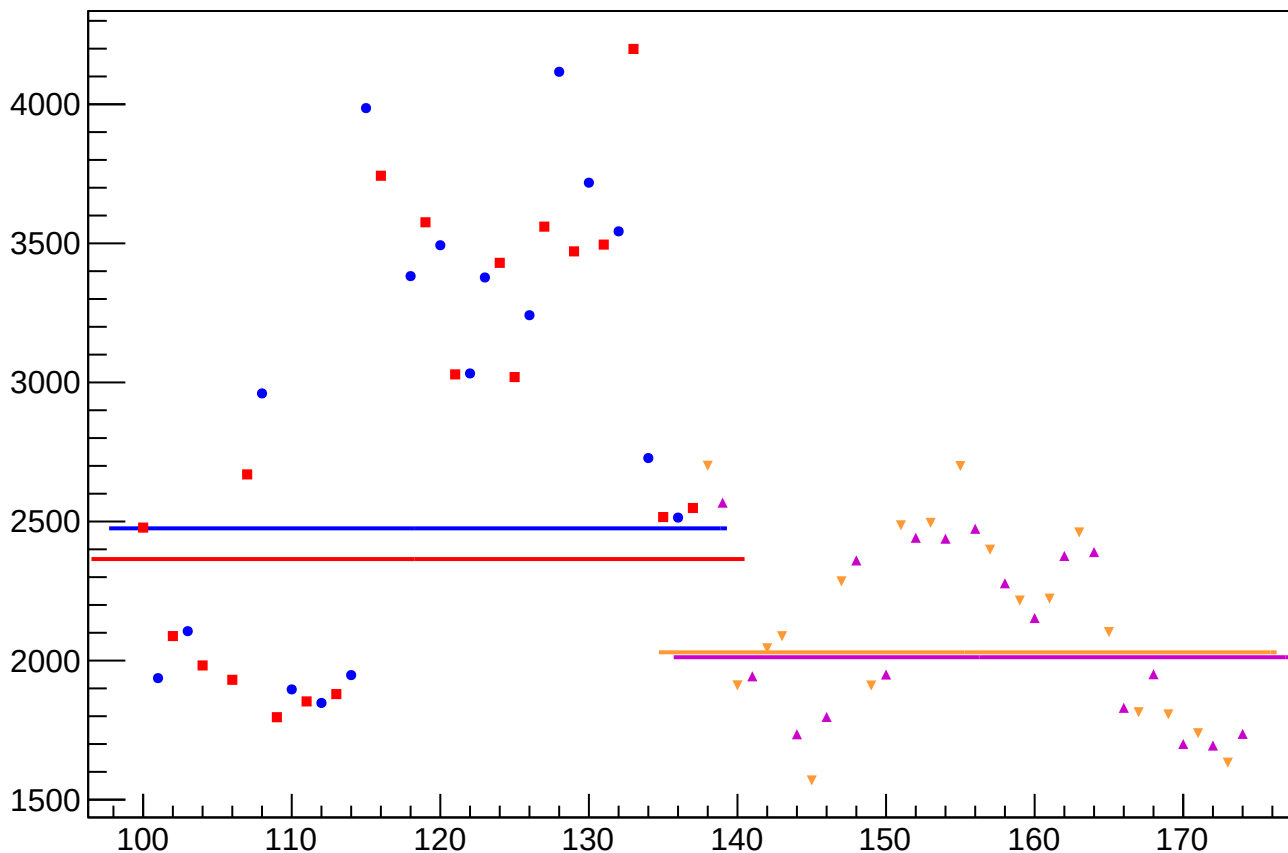
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: 19.411 $\pm$ 475.322 χ^2 /NDF:45.0/34

Out: 1814.879 $\pm$ 468.670 χ^2 /NDF:73.1/37

All: 929.798 $\pm$ 333.727 χ^2 /NDF: 125.3/72

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2029.805 $\pm$ 0.384 χ^2 /NDF: 748342.1/18

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2012.045 $\pm$ 0.383 χ^2 /NDF: 591077.5/17

Left: 2020.882 $\pm$ 0.271 χ^2 /NDF: 1340491.7/36

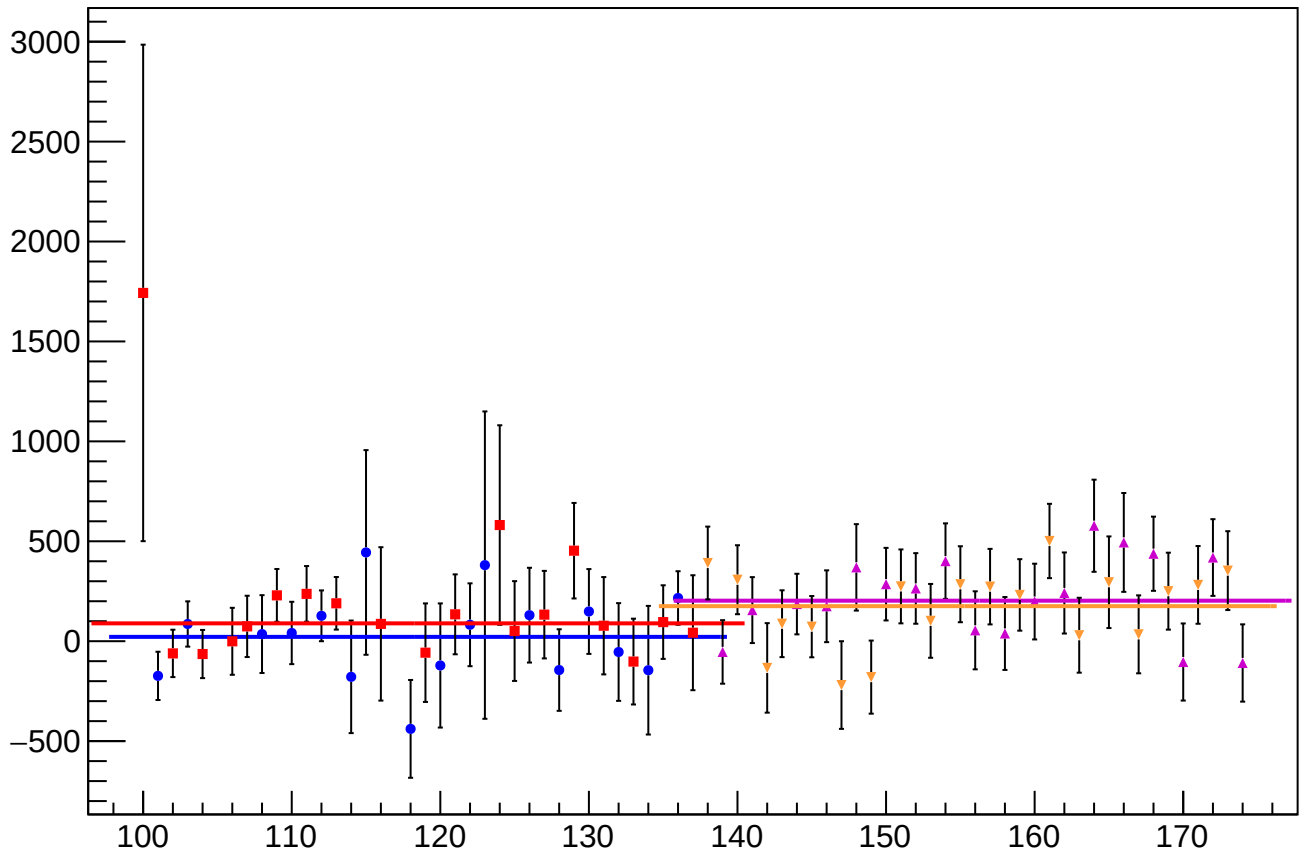
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2117.813 $\pm$ 0.336 χ^2 /NDF: 1838985.4/34

Out: 2115.966 $\pm$ 0.331 χ^2 /NDF: 1970905.3/37

All: 2116.876 $\pm$ 0.236 χ^2 /NDF: 3809906.0/72

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 175.296 $\pm$ 43.033 χ^2 /NDF:18.5/18

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 202.753 $\pm$ 44.024 χ^2 /NDF:18.2/17

Left: 188.712 $\pm$ 30.773 χ^2 /NDF: 36.9/36

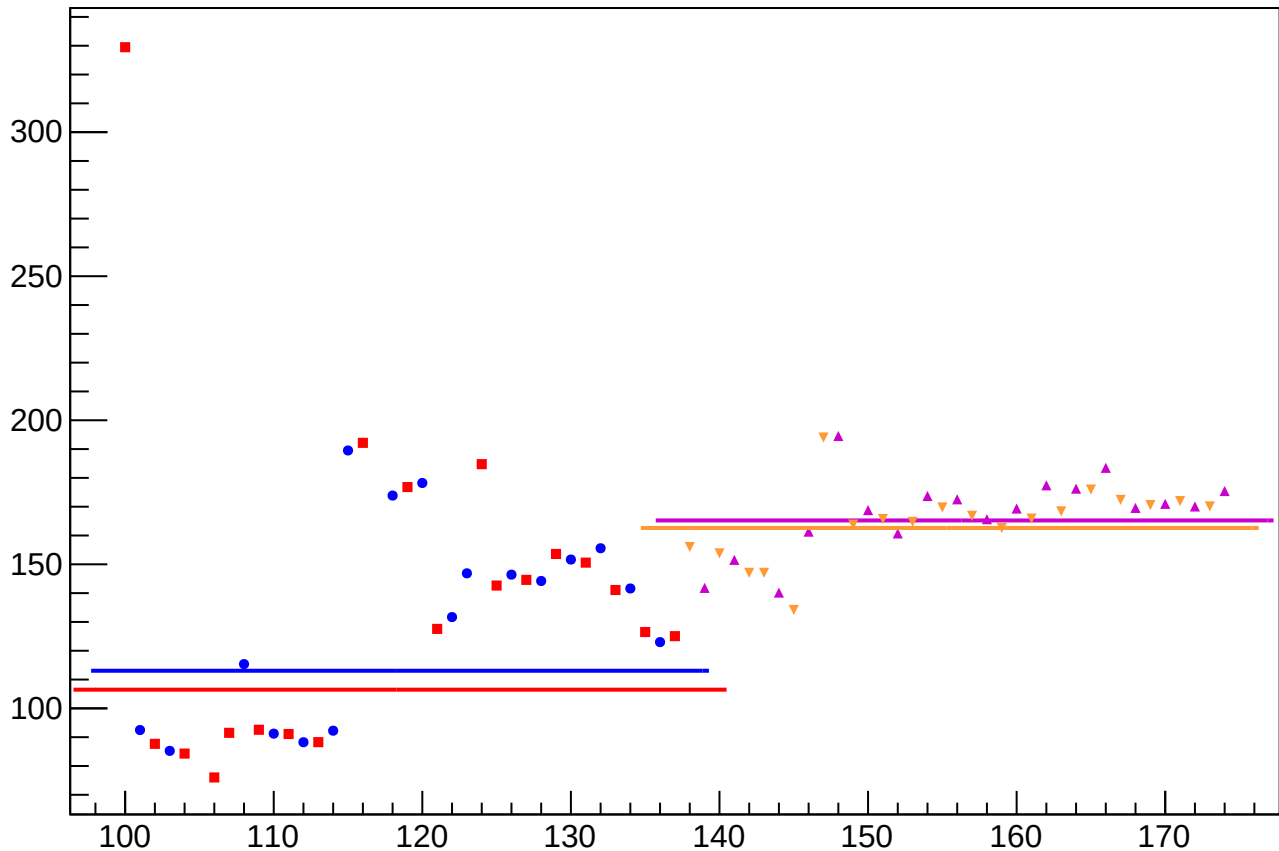
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 114.501 $\pm$ 31.522 χ^2 /NDF:39.0/34

Out: 131.058 $\pm$ 29.984 χ^2 /NDF:33.3/37

All: 123.193 $\pm$ 21.726 χ^2 /NDF: 72.5/72

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2 /NDF: 820795.9/16

Left Out: 162.624 $\pm$ 0.030 χ^2 /NDF: 174636.1/18

Right Out: 106.493 $\pm$ 0.030 χ^2 /NDF: 1016224.6/18

Left In: 165.226 $\pm$ 0.031 χ^2 /NDF: 191707.8/17

Left: 163.895 $\pm$ 0.022 χ^2 /NDF: 369918.0/36

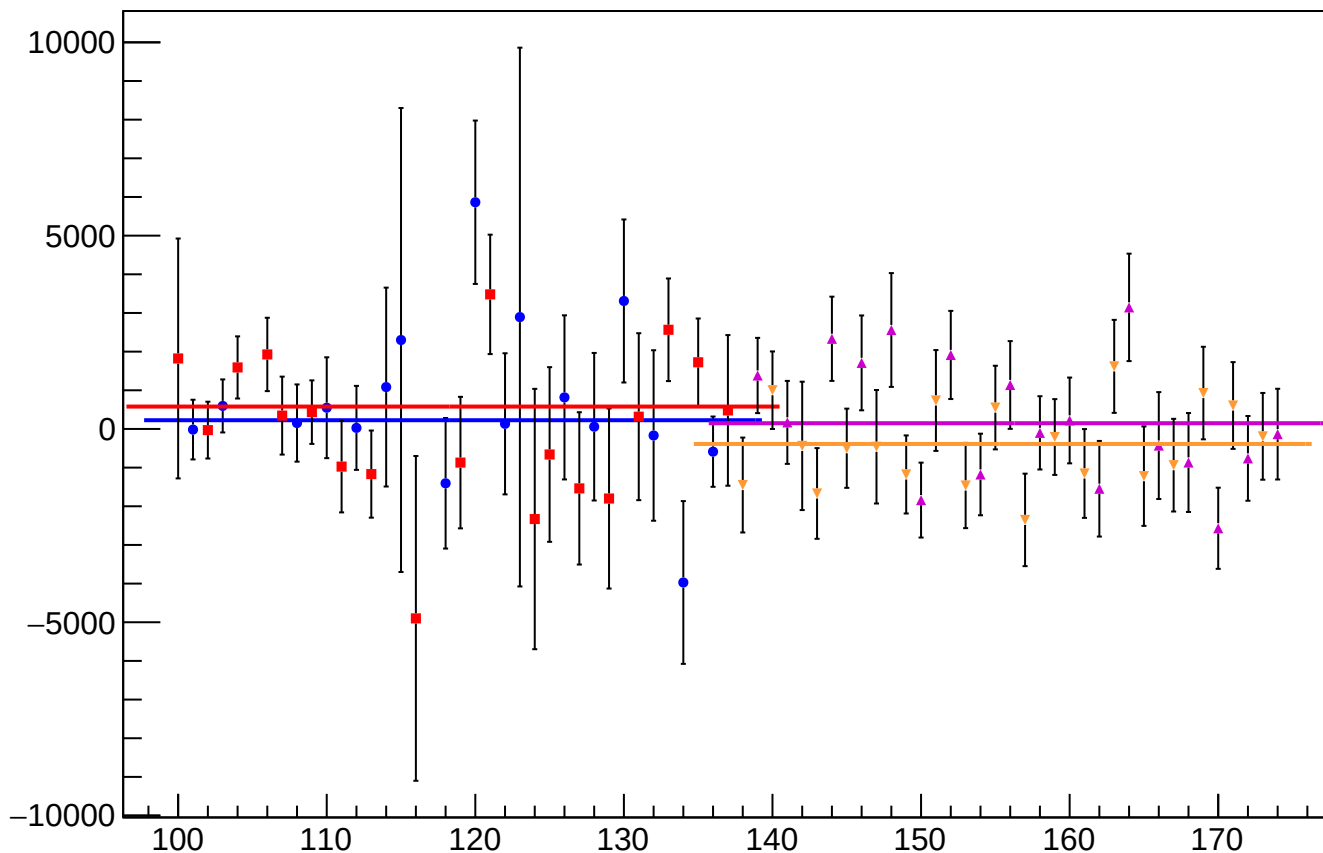
Right: 109.523 $\pm$ 0.022 χ^2 /NDF: 1859790.1/35

In: 139.805 $\pm$ 0.022 χ^2 /NDF: 2381007.0/34

Out: 133.745 $\pm$ 0.021 χ^2 /NDF: 2941571.2/37

All: 136.623 $\pm$ 0.015 χ^2 /NDF: 5361388.1/72

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 ± 321.412 $\chi^2/\text{NDF}: 16.0/16$

Left Out: -388.136 ± 265.477 $\chi^2/\text{NDF}: 15.6/18$

Right Out: 579.018 ± 289.235 $\chi^2/\text{NDF}: 21.1/18$

Left In: 148.303 ± 266.307 $\chi^2/\text{NDF}: 33.7/17$

Left: -120.754 ± 188.013 $\chi^2/\text{NDF}: 51.3/36$

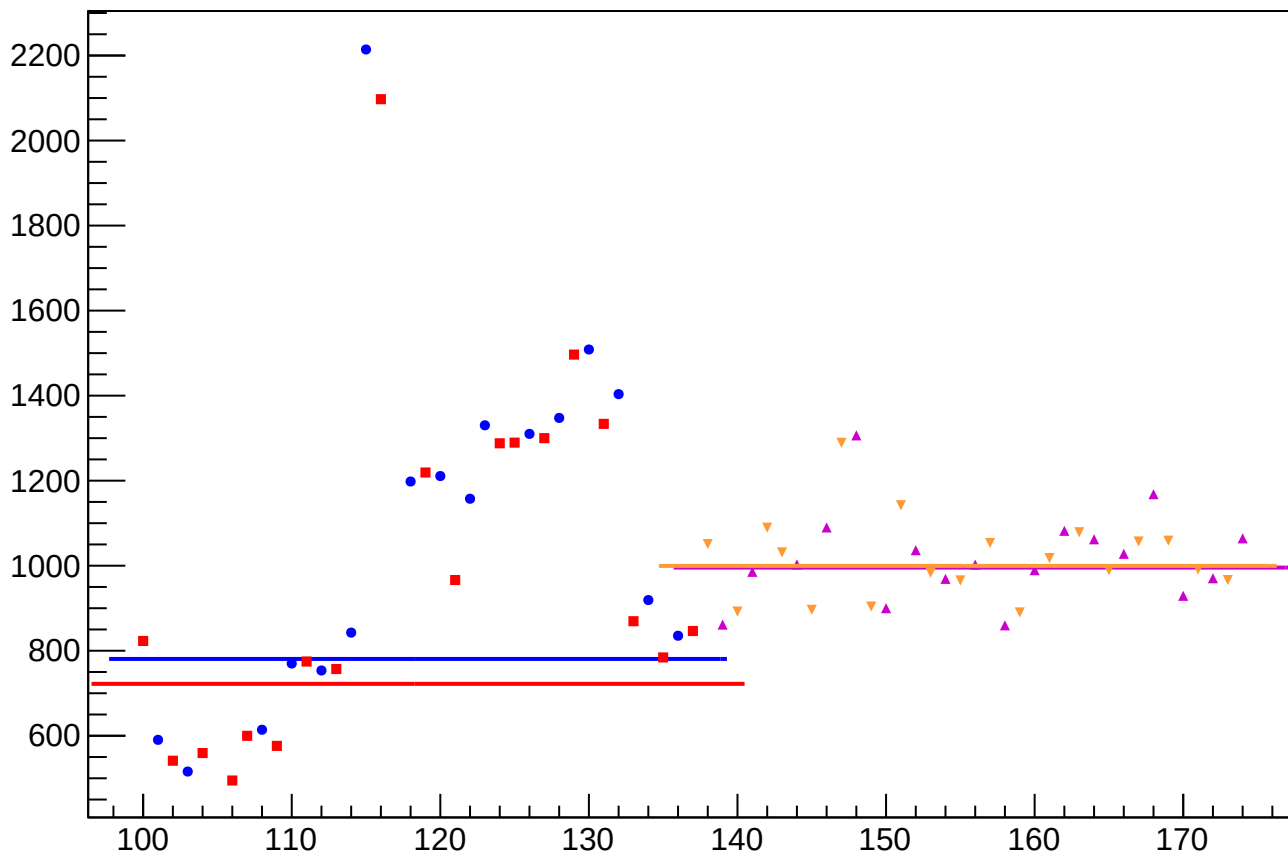
Right: 420.896 ± 214.998 $\chi^2/\text{NDF}: 37.8/35$

In: 179.781 ± 205.064 $\chi^2/\text{NDF}: 49.7/34$

Out: 54.094 ± 195.581 $\chi^2/\text{NDF}: 42.8/37$

All: 113.965 ± 141.530 $\chi^2/\text{NDF}: 92.7/72$

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 999.585 $\pm$ 0.188 χ^2 /NDF: 225894.5/18

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 995.578 $\pm$ 0.188 χ^2 /NDF: 271655.4/17

Left: 997.588 $\pm$ 0.133 χ^2 /NDF: 497776.9/36

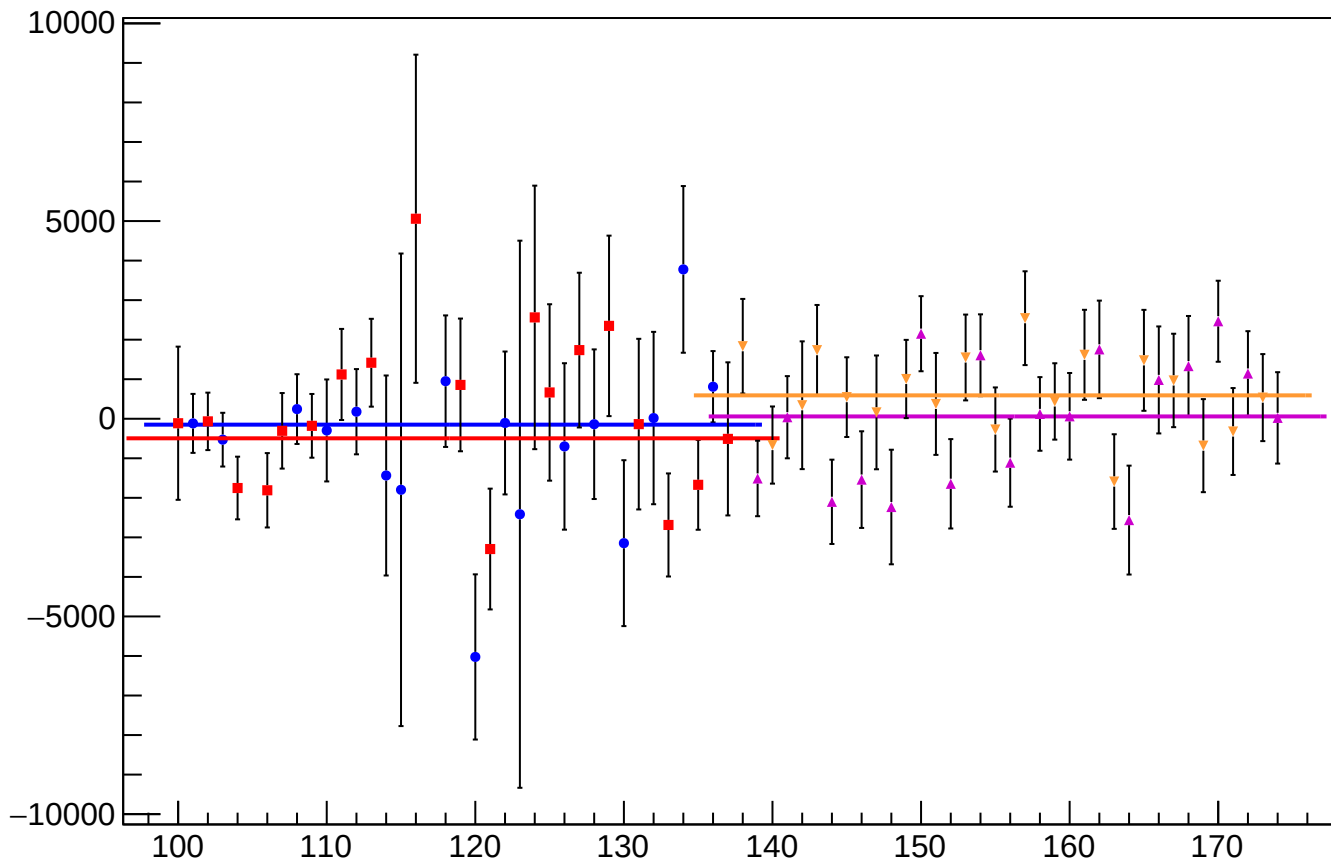
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 908.111 $\pm$ 0.145 χ^2 /NDF: 2411200.2/34

Out: 872.727 $\pm$ 0.138 χ^2 /NDF: 2853406.0/37

All: 889.582 $\pm$ 0.100 χ^2 /NDF: 5295787.9/72

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 χ^2/NDF : 16.1/16

Left Out: 591.622 ± 261.008 χ^2/NDF : 14.8/18

Right Out: -494.856 ± 282.721 χ^2/NDF : 23.7/18

Left In: 58.763 ± 261.797 χ^2/NDF : 35.0/17

Left: 325.996 ± 184.839 χ^2/NDF : 51.9/36

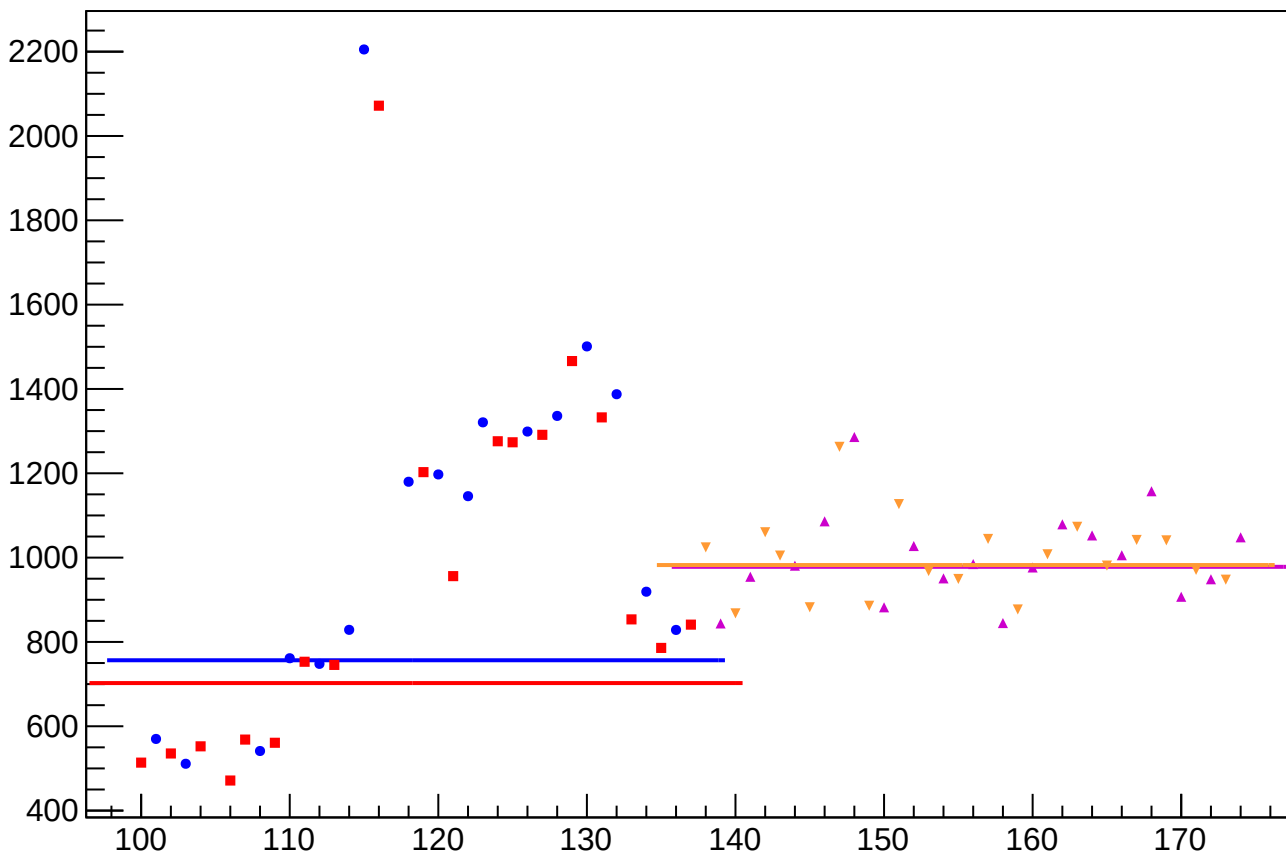
Right: -339.515 ± 209.793 χ^2/NDF : 40.5/35

In: -26.835 ± 200.804 χ^2/NDF : 51.4/34

Out: 91.700 ± 191.778 χ^2/NDF : 46.4/37

All: 35.156 ± 138.689 χ^2/NDF : 98.0/72

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 982.367 $\pm$ 0.185 χ^2 /NDF: 231553.7/18

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 978.158 $\pm$ 0.185 χ^2 /NDF: 291767.3/17

Left: 980.269 $\pm$ 0.131 χ^2 /NDF: 523580.2/36

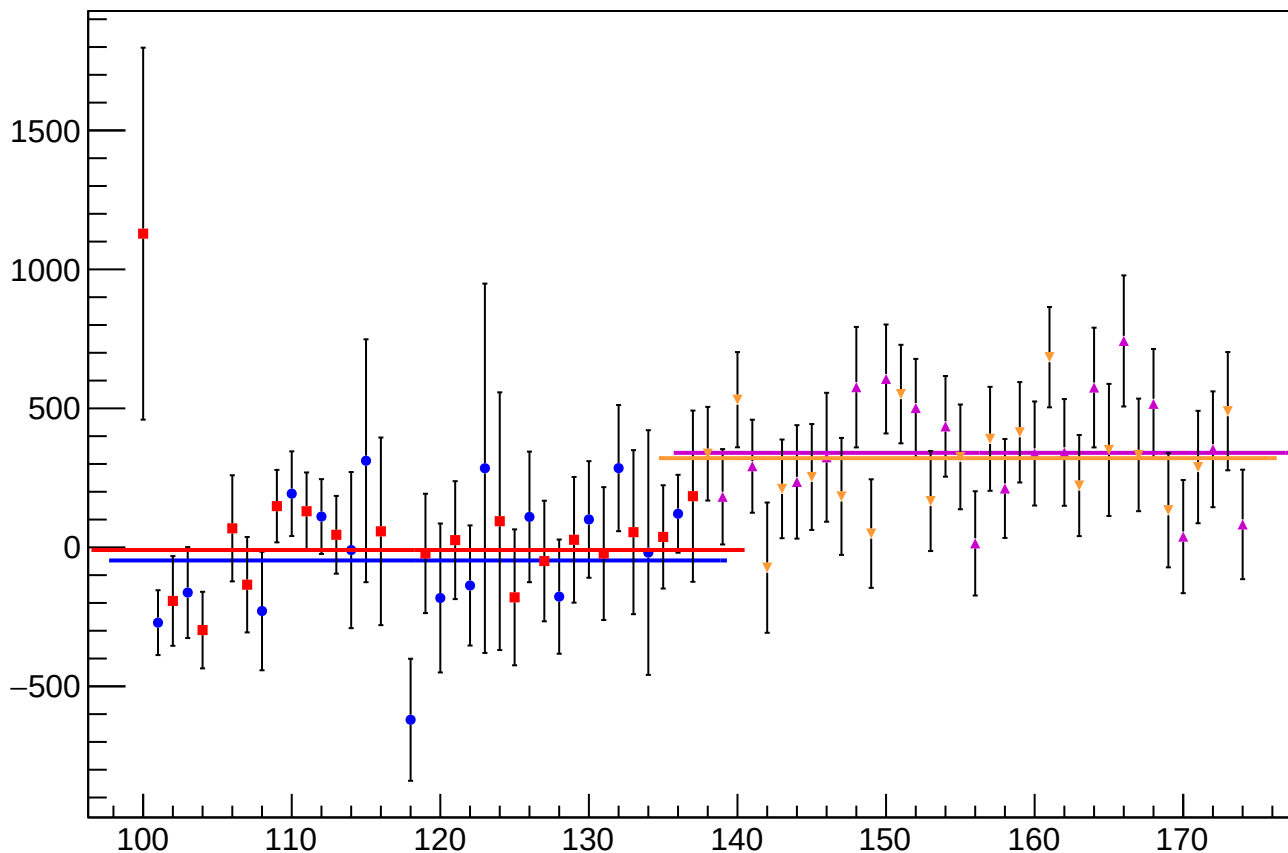
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 886.922 $\pm$ 0.142 χ^2 /NDF: 2595438.8/34

Out: 853.566 $\pm$ 0.136 χ^2 /NDF: 2979419.0/37

All: 869.477 $\pm$ 0.098 χ^2 /NDF: 5603720.3/72

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 320.893 ± 43.896 $\chi^2/\text{NDF}: 15.9/18$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 340.023 ± 45.836 $\chi^2/\text{NDF}: 17.7/17$

Left: 330.045 ± 31.703 $\chi^2/\text{NDF}: 33.7/36$

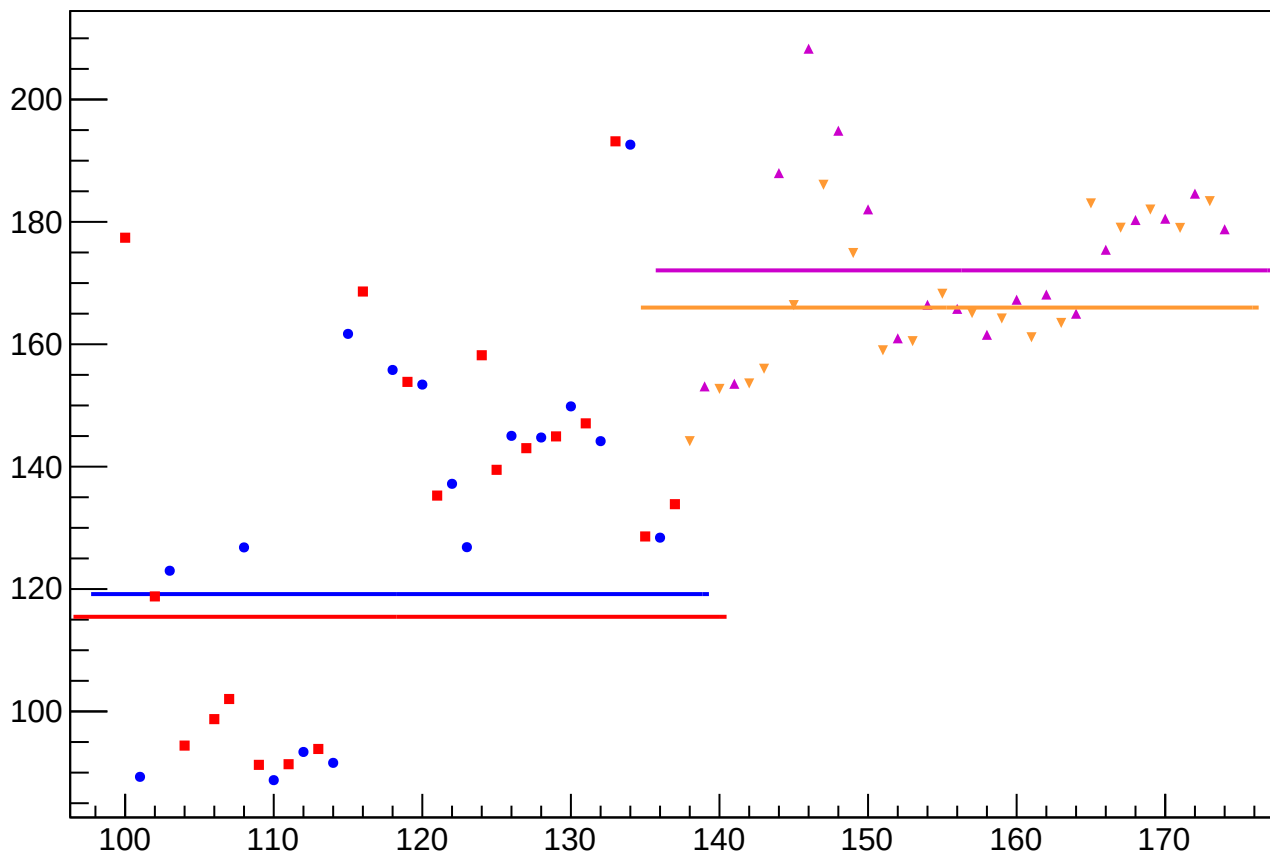
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 152.388 ± 32.906 $\chi^2/\text{NDF}: 74.1/34$

Out: 158.870 ± 31.336 $\chi^2/\text{NDF}: 56.7/37$

All: 155.787 ± 22.693 $\chi^2/\text{NDF}: 130.9/72$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 165.998+/-0.031 χ^2/NDF : 139627.7/18

Right Out: 115.466+/-0.032 χ^2/NDF : 692783.7/18

Left In: 172.073+/-0.032 χ^2/NDF : 177548.6/17

Left: 168.904+/-0.022 χ^2/NDF : 335503.6/36

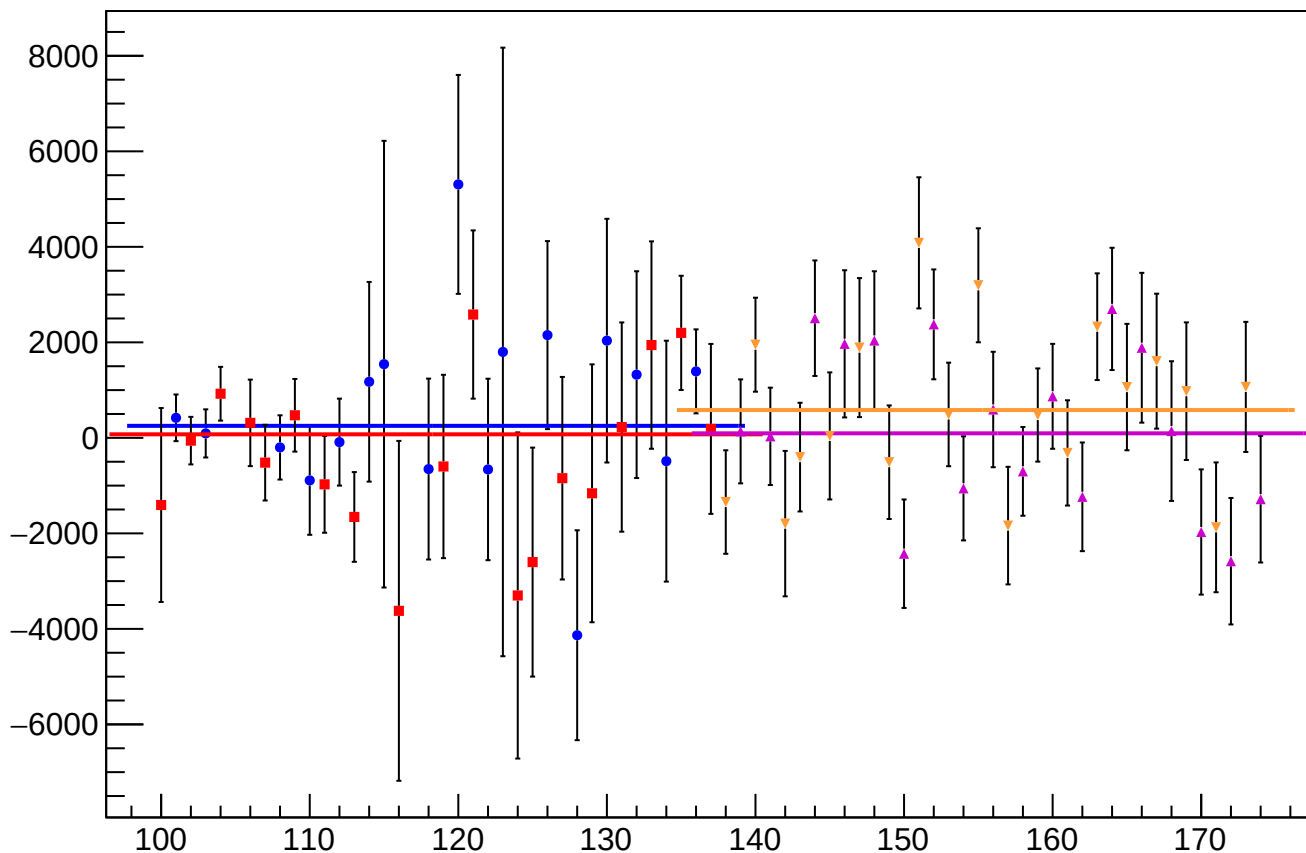
Right: 117.219+/-0.023 χ^2/NDF : 1314582.7/35

In: 146.438+/-0.023 χ^2/NDF : 2083755.2/34

Out: 141.218+/-0.022 χ^2/NDF : 2132113.9/37

All: 143.700+/-0.016 χ^2/NDF : 4242262.8/72

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 582.408+/-278.618 χ^2/NDF : 32.5/18

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 94.869+/-283.900 χ^2/NDF : 33.1/17

Left: 343.217+/-198.854 χ^2/NDF : 67.1/36

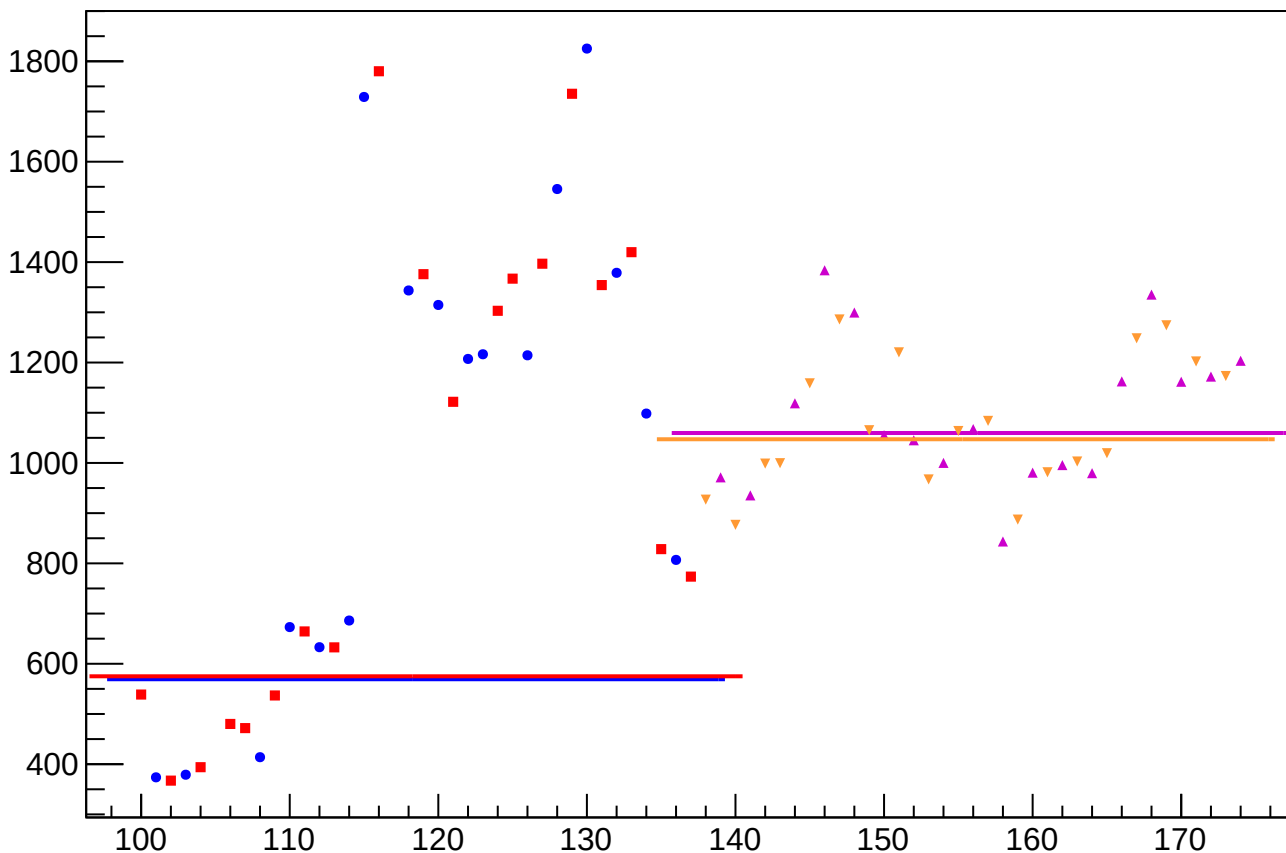
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 182.354+/-188.806 χ^2/NDF : 48.1/34

Out: 294.713+/-183.546 χ^2/NDF : 52.4/37

All: 240.120+/-131.607 χ^2/NDF : 100.7/72

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1047.170 $\pm$ 0.197 χ^2 /NDF: 401401.6/18

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1059.651 $\pm$ 0.201 χ^2 /NDF: 459528.2/17

Left: 1053.293 $\pm$ 0.141 χ^2 /NDF: 862899.0/36

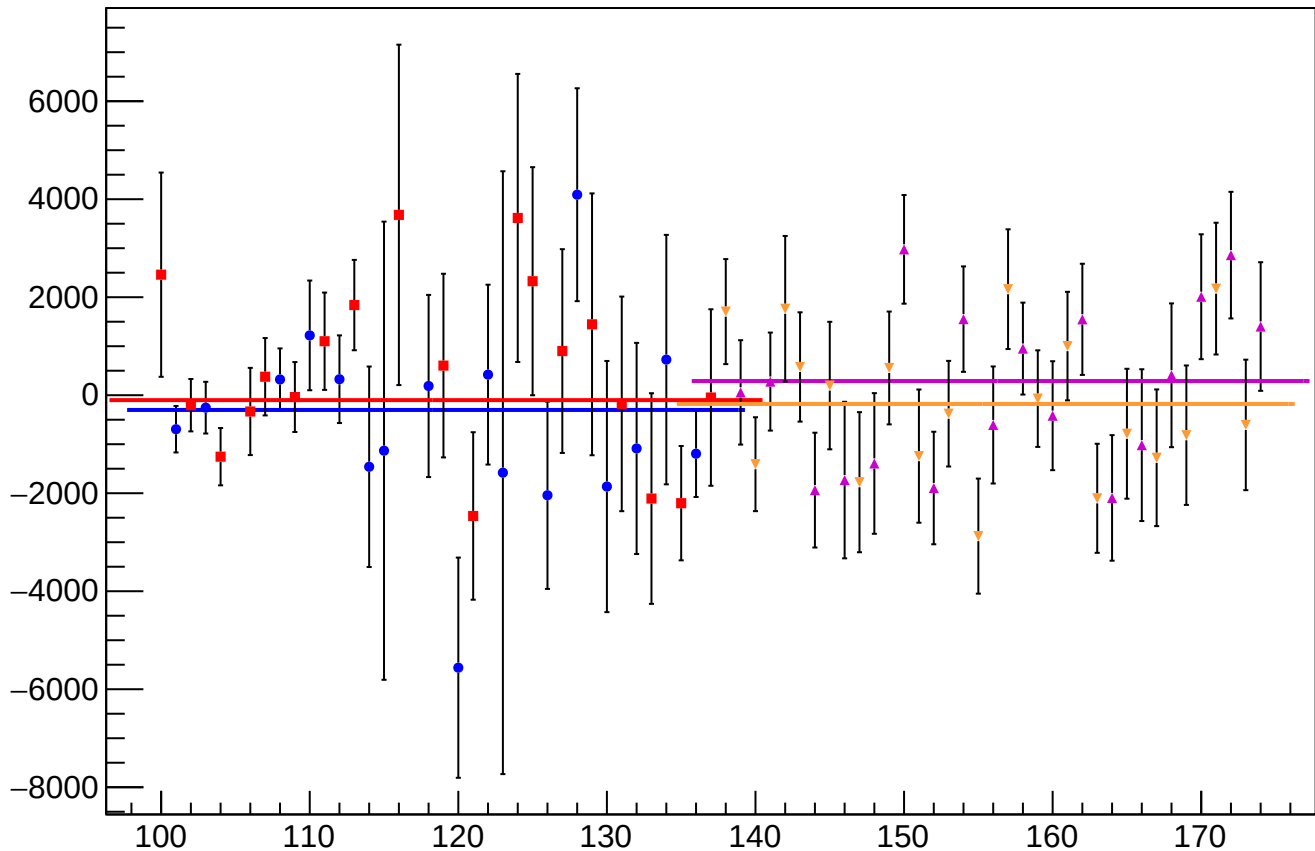
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 786.119 $\pm$ 0.134 χ^2 /NDF: 7055494.9/34

Out: 779.944 $\pm$ 0.130 χ^2 /NDF: 6710772.5/37

All: 782.944 $\pm$ 0.093 χ^2 /NDF: 13767367.4/72

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -178.067 ± 275.294 χ^2/NDF : 26.6/18

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 289.801 ± 281.347 χ^2/NDF : 30.9/17

Left: 50.780 ± 196.768 χ^2/NDF : 58.9/36

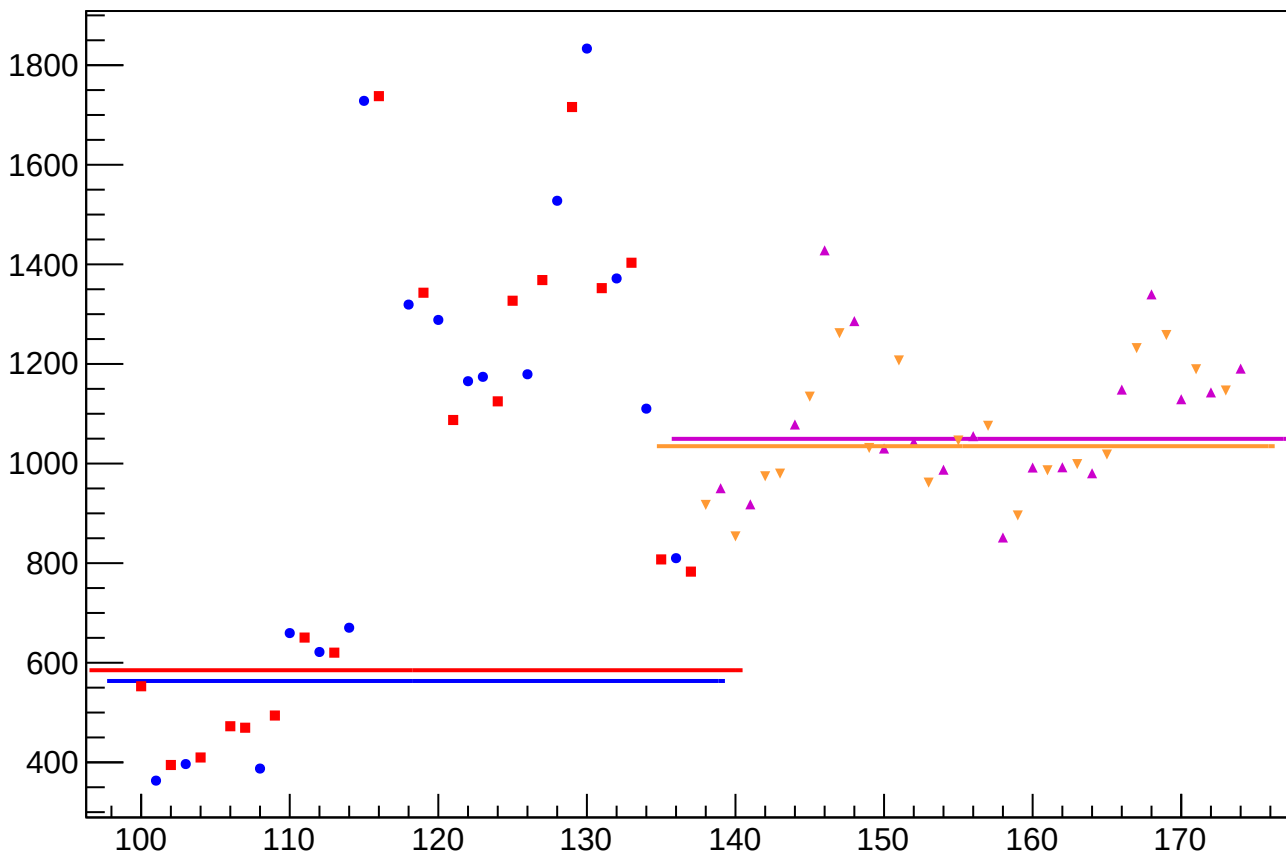
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -39.787 ± 187.007 χ^2/NDF : 50.0/34

Out: -134.625 ± 183.418 χ^2/NDF : 49.0/37

All: -88.125 ± 130.946 χ^2/NDF : 99.2/72

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 ± 0.177 $\chi^2/\text{NDF}: 3259045.7/16$

Left Out: 1034.881 ± 0.195 $\chi^2/\text{NDF}: 385353.0/18$

Right Out: 584.984 ± 0.174 $\chi^2/\text{NDF}: 2818628.0/18$

Left In: 1049.620 ± 0.199 $\chi^2/\text{NDF}: 460185.5/17$

Left: 1042.091 ± 0.139 $\chi^2/\text{NDF}: 848342.8/36$

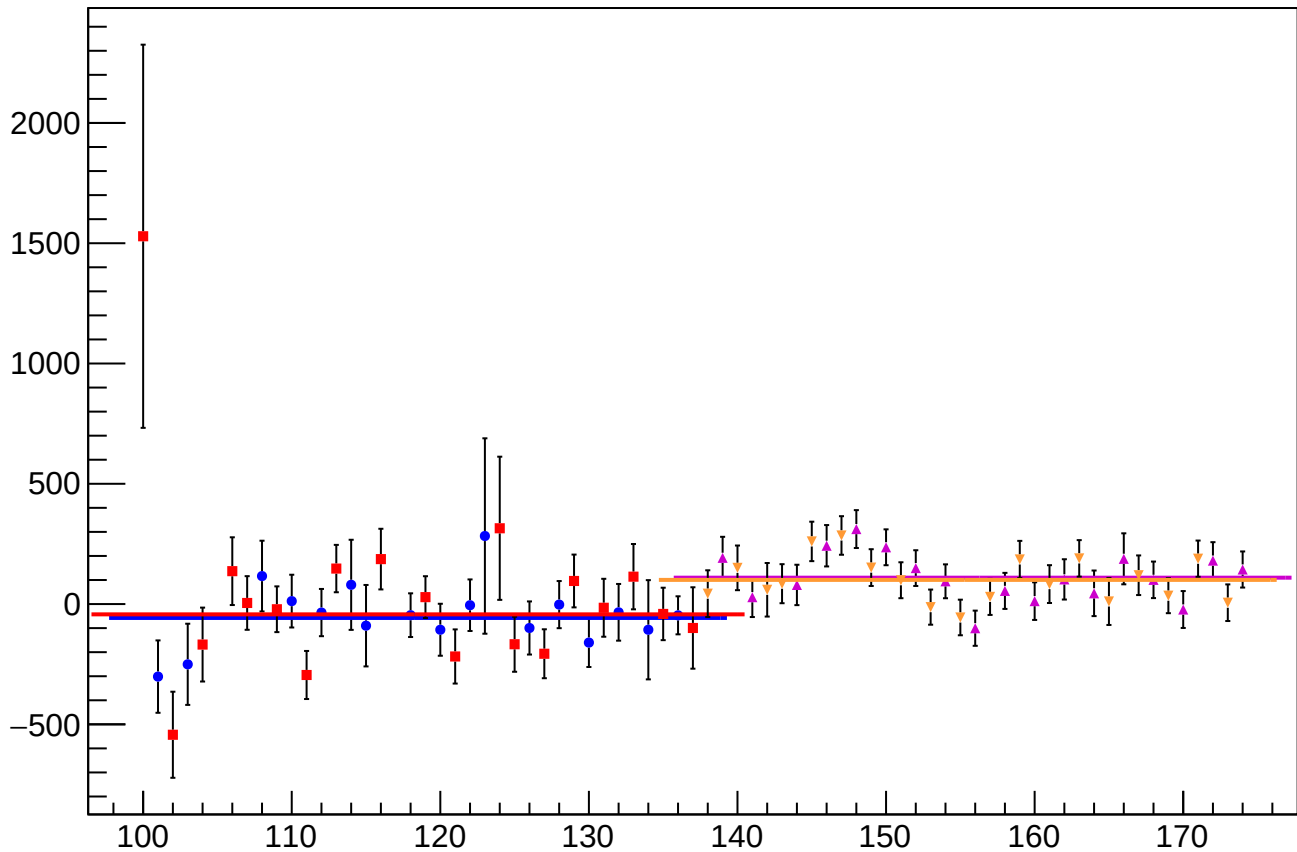
Right: 574.377 ± 0.124 $\chi^2/\text{NDF}: 6085244.2/35$

In: 778.211 ± 0.132 $\chi^2/\text{NDF}: 7053569.3/34$

Out: 784.694 ± 0.130 $\chi^2/\text{NDF}: 6174369.3/37$

All: 781.515 ± 0.093 $\chi^2/\text{NDF}: 13229163.8/72$

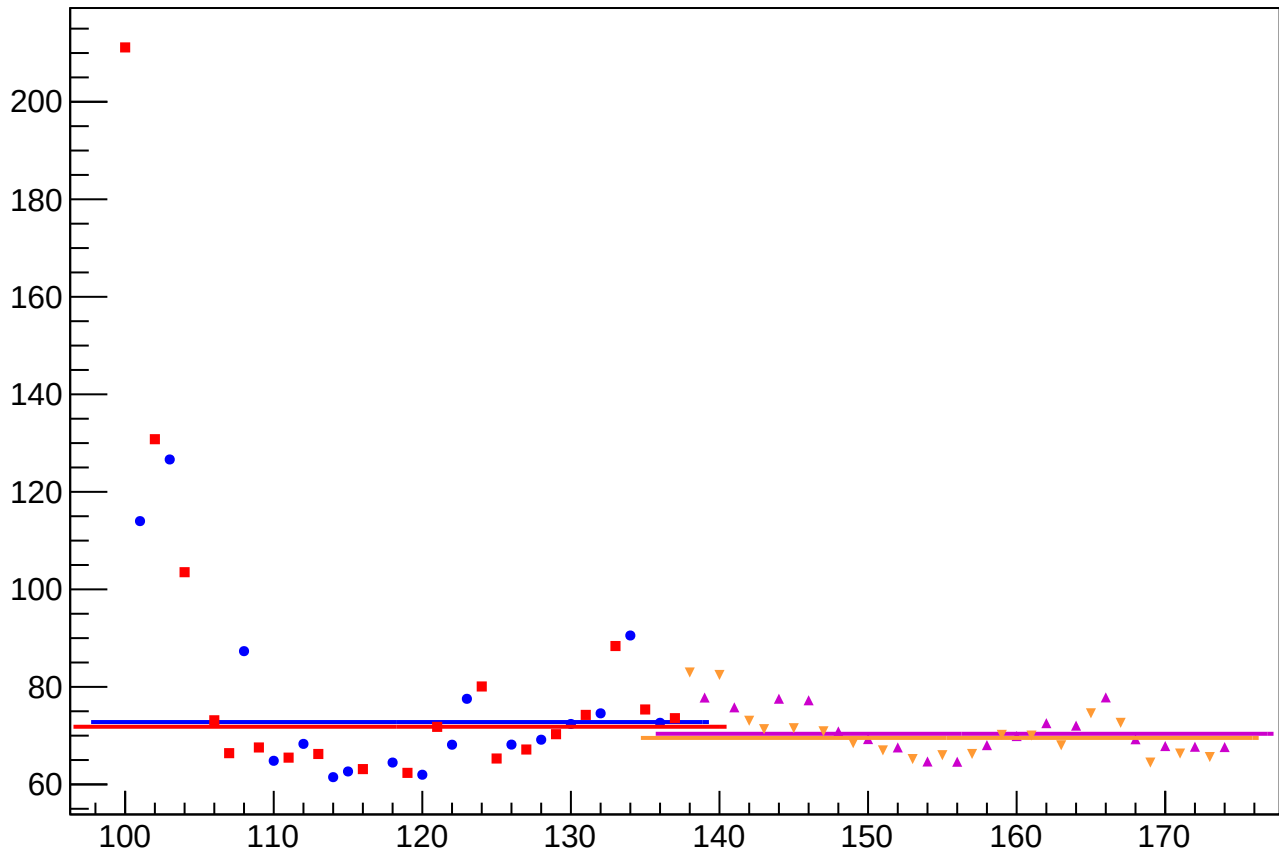
dit_asym_sam7_mean vs Slug, Sign Corrected



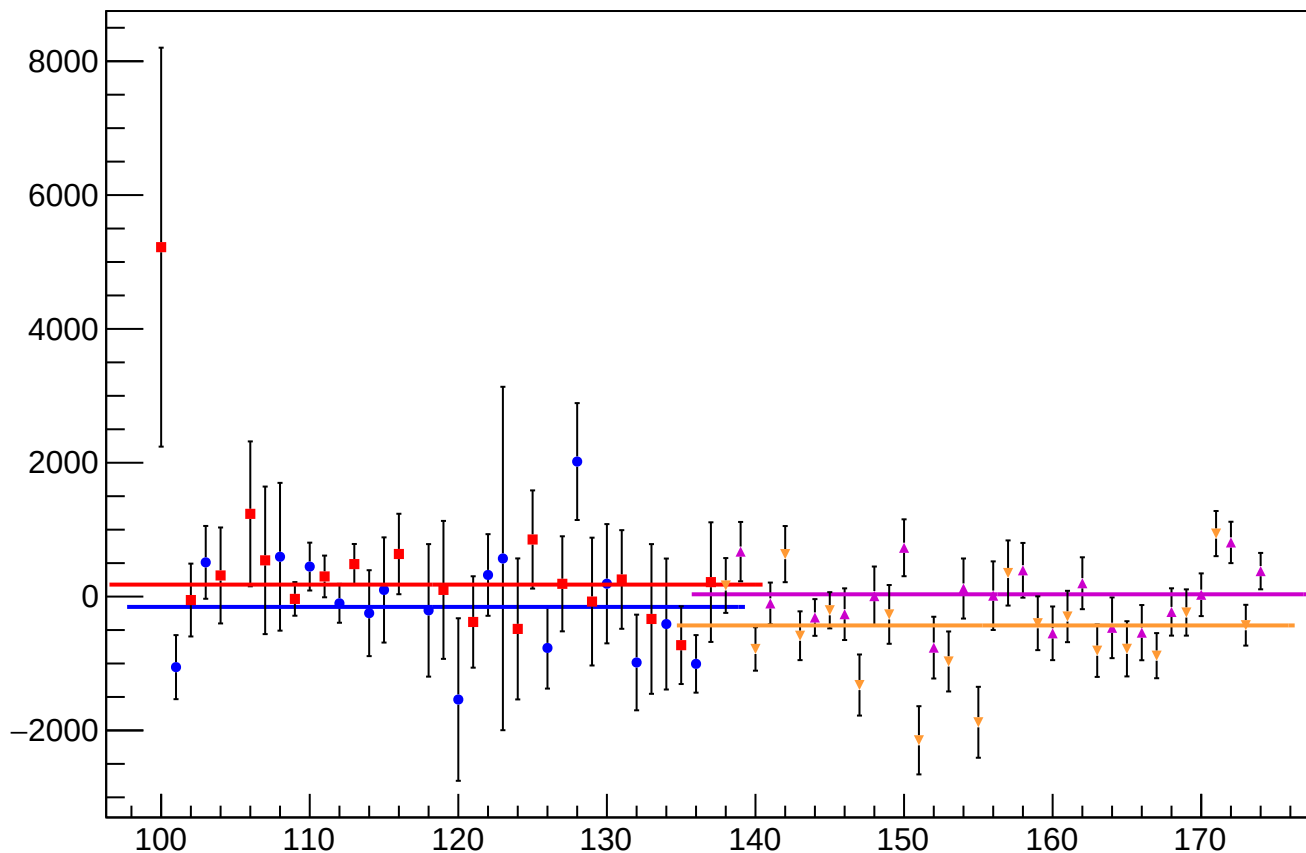
Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 100.454 ± 18.412 $\chi^2/\text{NDF}: 25.4/18$
 Right Out: -42.790 ± 27.694 $\chi^2/\text{NDF}: 39.1/18$
 Left In: 109.657 ± 18.760 $\chi^2/\text{NDF}: 29.6/17$

Left: 104.969 ± 13.141 $\chi^2/\text{NDF}: 55.1/36$
 Right: -49.985 ± 19.927 $\chi^2/\text{NDF}: 48.4/35$
 In: 59.538 ± 15.702 $\chi^2/\text{NDF}: 62.6/34$
 Out: 56.546 ± 15.333 $\chi^2/\text{NDF}: 83.0/37$
 All: 58.007 ± 10.970 $\chi^2/\text{NDF}: 145.6/72$

dit_asym_sam7_rms vs Slug, Sign Corrected



asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -431.132 ± 87.369 $\chi^2/\text{NDF}: 57.8/18$

Right Out: 179.068 ± 126.107 $\chi^2/\text{NDF}: 11.3/18$

Left In: 34.114 ± 87.410 $\chi^2/\text{NDF}: 24.8/17$

Left: -198.618 ± 61.794 $\chi^2/\text{NDF}: 96.8/36$

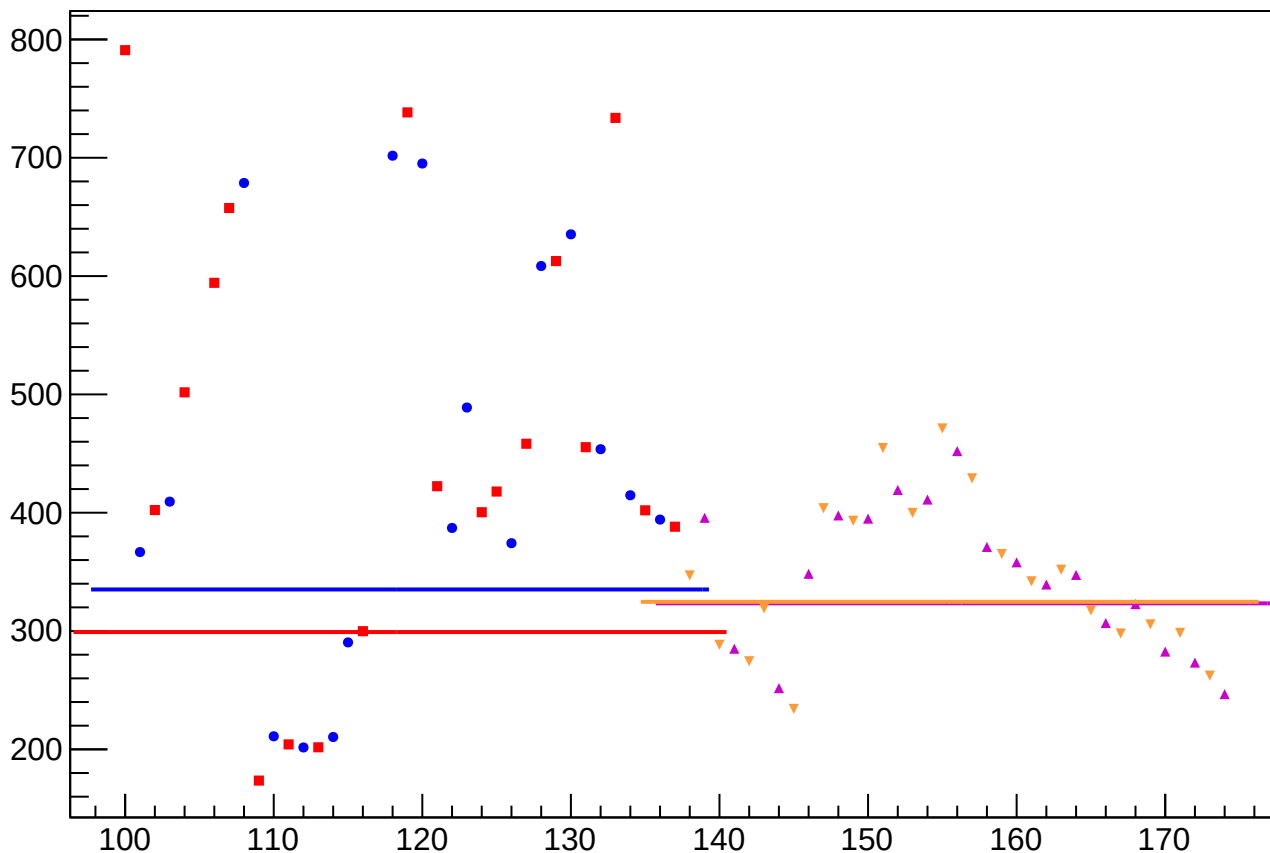
Right: 30.517 ± 93.908 $\chi^2/\text{NDF}: 37.6/35$

In: -18.383 ± 74.248 $\chi^2/\text{NDF}: 49.3/34$

Out: -233.232 ± 71.817 $\chi^2/\text{NDF}: 84.9/37$

All: -129.383 ± 51.620 $\chi^2/\text{NDF}: 138.6/72$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 324.700 $\pm$ 0.062 χ^2 /NDF: 972985.7/18

Right Out: 299.135 $\pm$ 0.089 χ^2 /NDF: 2831089.8/18

Left In: 323.407 $\pm$ 0.062 χ^2 /NDF: 928897.2/17

Left: 324.054 $\pm$ 0.044 χ^2 /NDF: 1902102.0/36

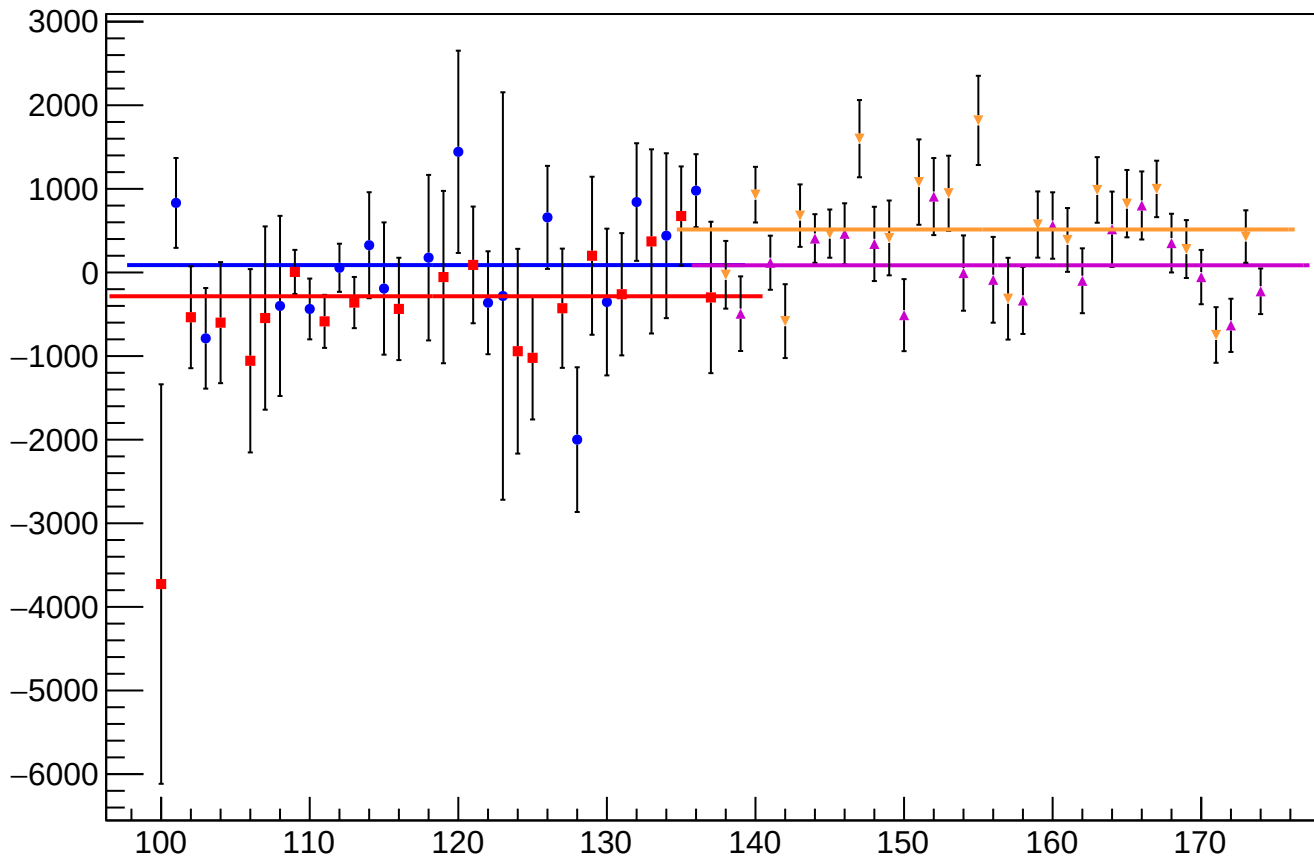
Right: 315.172 $\pm$ 0.066 χ^2 /NDF: 4897737.2/35

In: 326.673 $\pm$ 0.053 χ^2 /NDF: 2932967.2/34

Out: 316.409 $\pm$ 0.051 χ^2 /NDF: 3859614.0/37

All: 321.370 $\pm$ 0.037 χ^2 /NDF: 6812325.9/72

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2/NDF : 20.8/16

Left Out: 514.158 $\pm$ 88.455 χ^2/NDF :45.5/18

Right Out: -284.510 $\pm$ 129.675 χ^2/NDF : 10.1/18

Left In: 85.850 $\pm$ 88.075 χ^2/NDF :23.5/17

Left: 299.082 $\pm$ 62.412 χ^2/NDF : 80.7/36

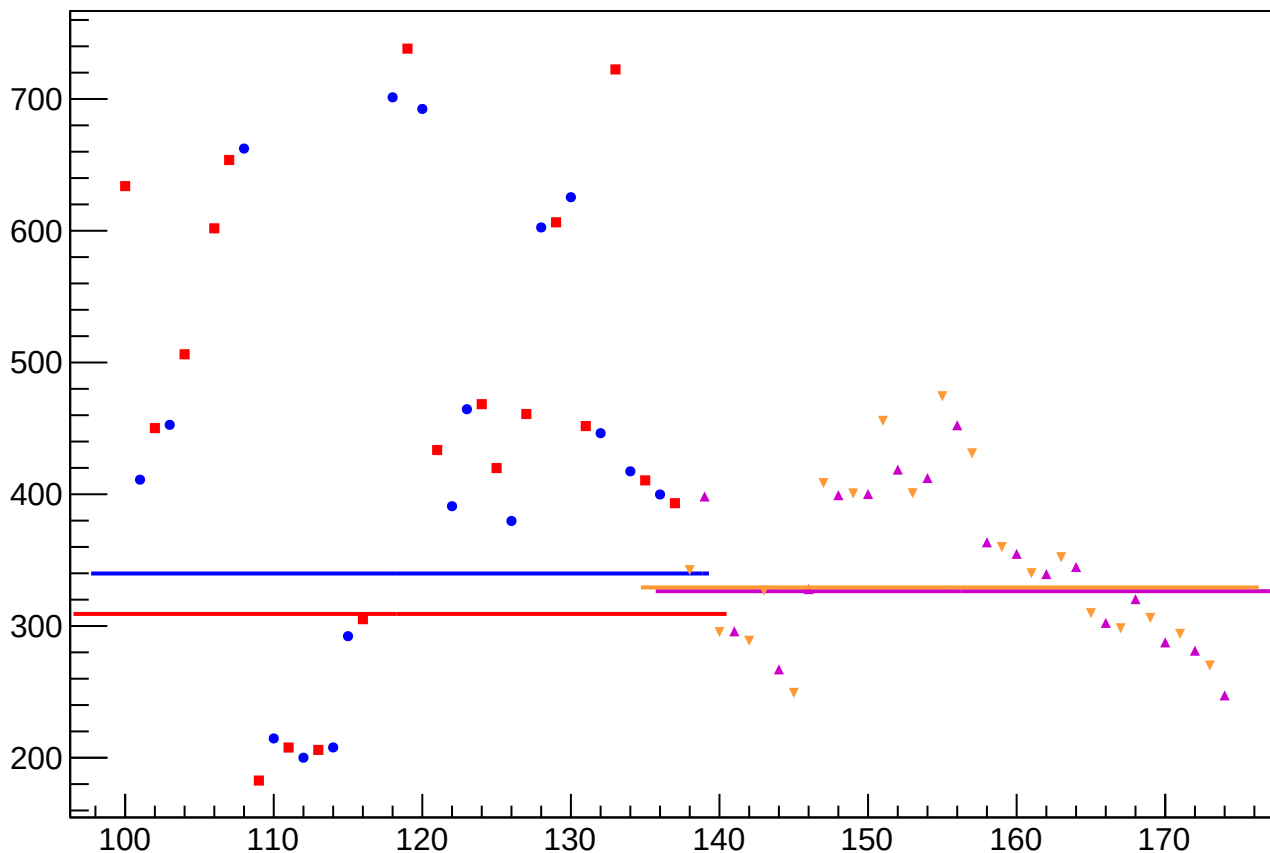
Right: -116.387 $\pm$ 96.066 χ^2/NDF : 34.7/35

In: 86.473 $\pm$ 74.995 χ^2/NDF :44.3/34

Out: 260.544 $\pm$ 73.073 χ^2/NDF :81.5/37

All: 175.767 $\pm$ 52.337 χ^2/NDF : 128.5/72

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 329.284 $\pm$ 0.063 χ^2/NDF : 855921.8/18

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 326.421 $\pm$ 0.062 χ^2/NDF : 816575.8/17

Left: 327.846 $\pm$ 0.044 χ^2/NDF : 1673549.5/36

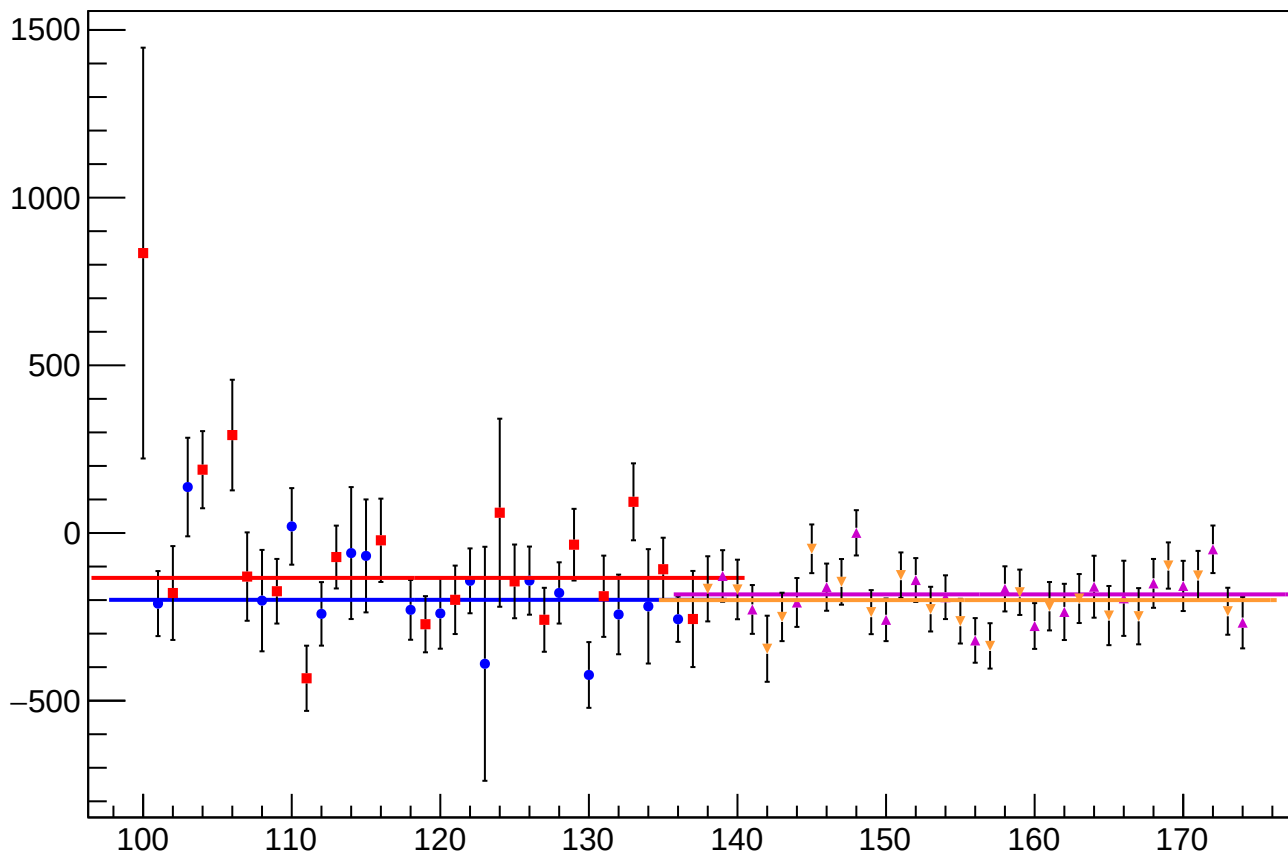
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 330.114 $\pm$ 0.053 χ^2/NDF : 2872882.0/34

Out: 322.893 $\pm$ 0.052 χ^2/NDF : 3624686.0/37

All: 326.410 $\pm$ 0.037 χ^2/NDF : 6507078.3/72

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -200.074 $\pm$ 16.851 χ^2/NDF : 18.9/18

Right Out: -133.844 $\pm$ 26.228 χ^2/NDF : 39.2/18

Left In: -182.991 $\pm$ 17.099 χ^2/NDF : 22.2/17

Left: -191.657 $\pm$ 12.002 χ^2/NDF : 41.5/36

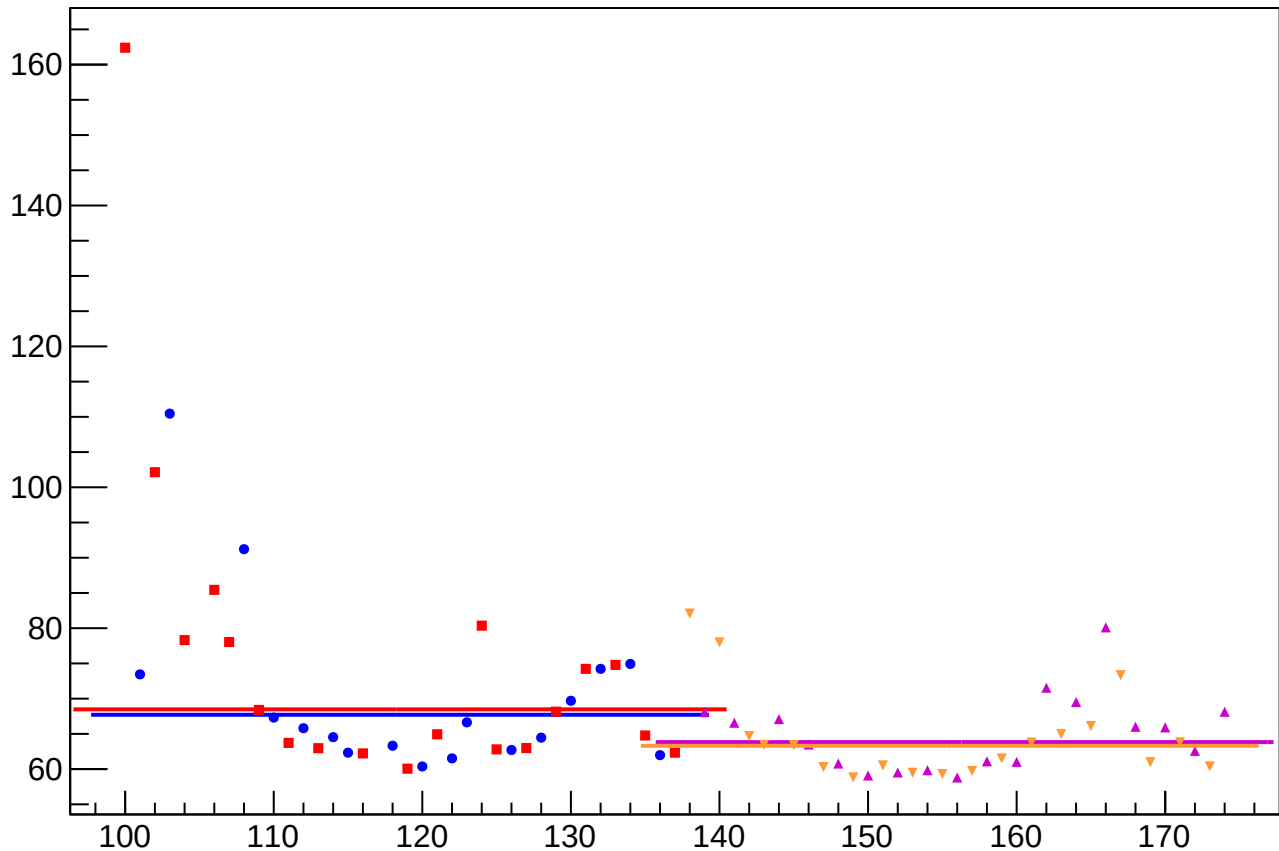
Right: -166.192 $\pm$ 18.647 χ^2/NDF : 59.8/35

In: -187.767 $\pm$ 14.370 χ^2/NDF : 40.0/34

Out: -180.723 $\pm$ 14.177 χ^2/NDF : 62.5/37

All: -184.197 $\pm$ 10.092 χ^2/NDF : 102.7/72

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2 /NDF: 282892.5/16

Left Out: 63.305 $\pm$ 0.012 χ^2 /NDF: 204776.9/18

Right Out: 68.481 $\pm$ 0.019 χ^2 /NDF: 281423.4/18

Left In: 63.830 $\pm$ 0.012 χ^2 /NDF: 139509.7/17

Left: 63.564 $\pm$ 0.008 χ^2 /NDF: 345245.3/36

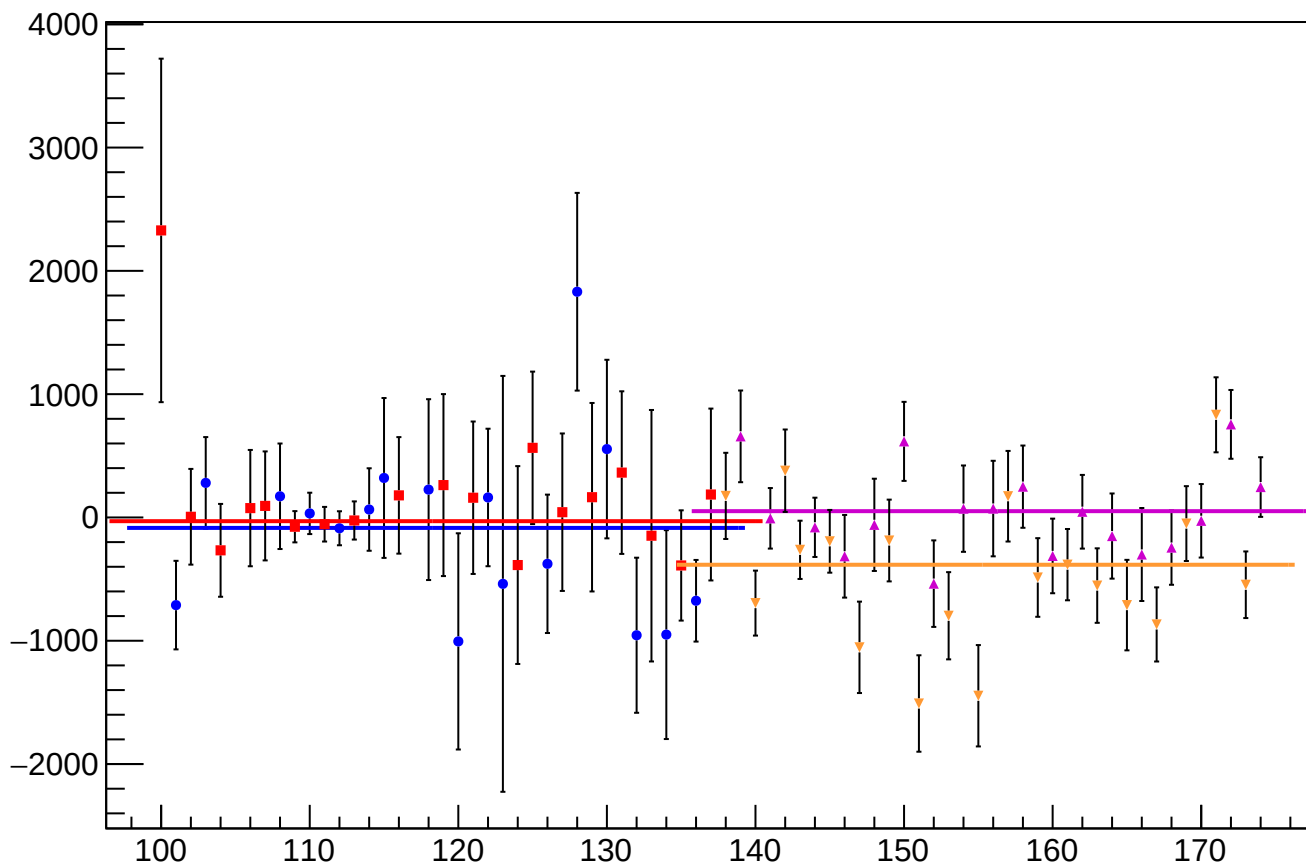
Right: 68.102 $\pm$ 0.013 χ^2 /NDF: 565158.7/35

In: 64.971 $\pm$ 0.010 χ^2 /NDF: 452728.9/34

Out: 64.817 $\pm$ 0.010 χ^2 /NDF: 541338.4/37

All: 64.893 $\pm$ 0.007 χ^2 /NDF: 994184.1/72

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 χ^2/NDF : 19.9/16

Left Out: -383.612 ± 71.477 χ^2/NDF : 53.6/18

Right Out: -30.219 ± 69.663 χ^2/NDF : 6.3/18

Left In: 51.044 ± 72.826 χ^2/NDF : 21.3/17

Left: -170.348 ± 51.012 χ^2/NDF : 93.0/36

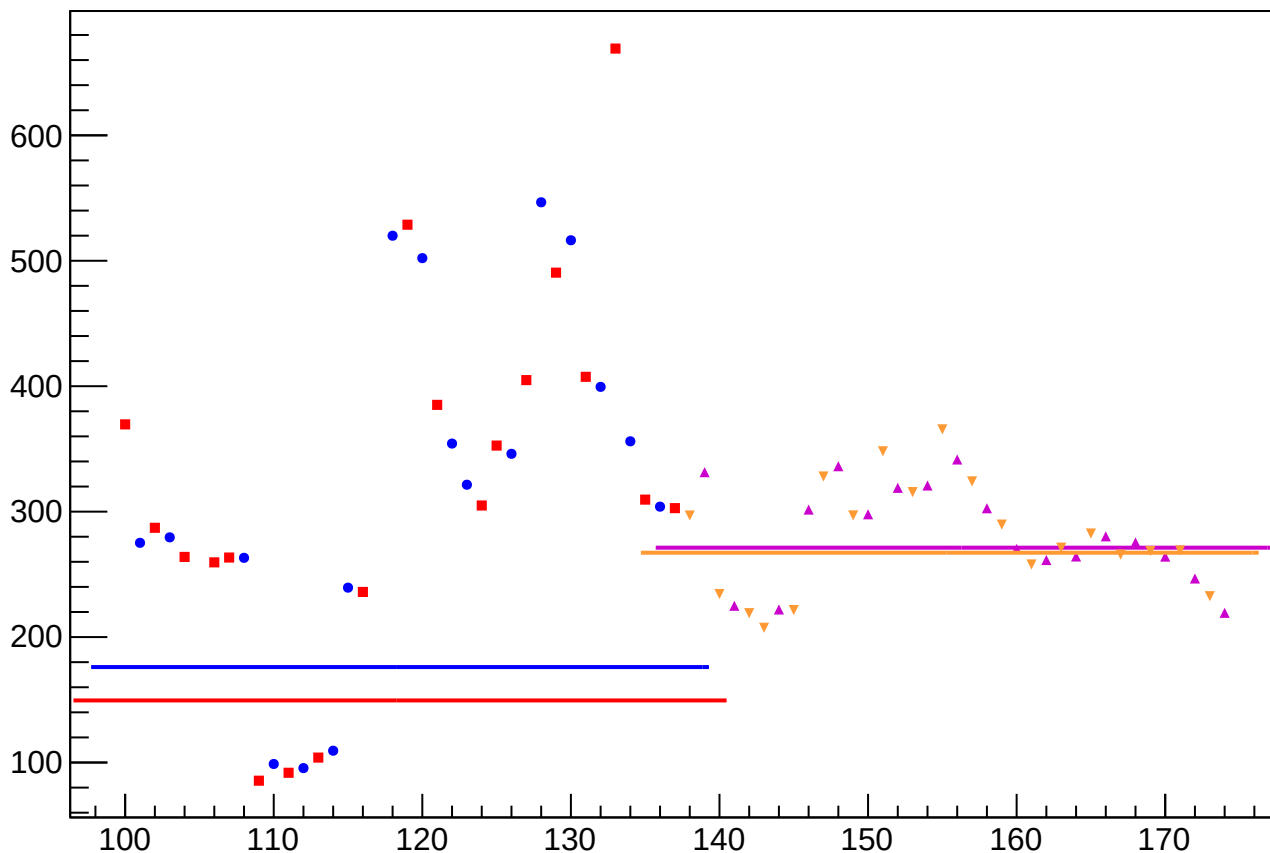
Right: -52.867 ± 53.271 χ^2/NDF : 26.5/35

In: -8.296 ± 54.646 χ^2/NDF : 42.7/34

Out: -202.375 ± 49.888 χ^2/NDF : 72.4/37

All: -114.150 ± 36.843 χ^2/NDF : 122.0/72

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 267.250+/-0.051 χ^2/NDF : 683945.4/18

Right Out: 149.484+/-0.049 χ^2/NDF : 4820971.0/18

Left In: 271.267+/-0.051 χ^2/NDF : 571992.9/17

Left: 269.221+/-0.036 χ^2/NDF : 1259037.3/36

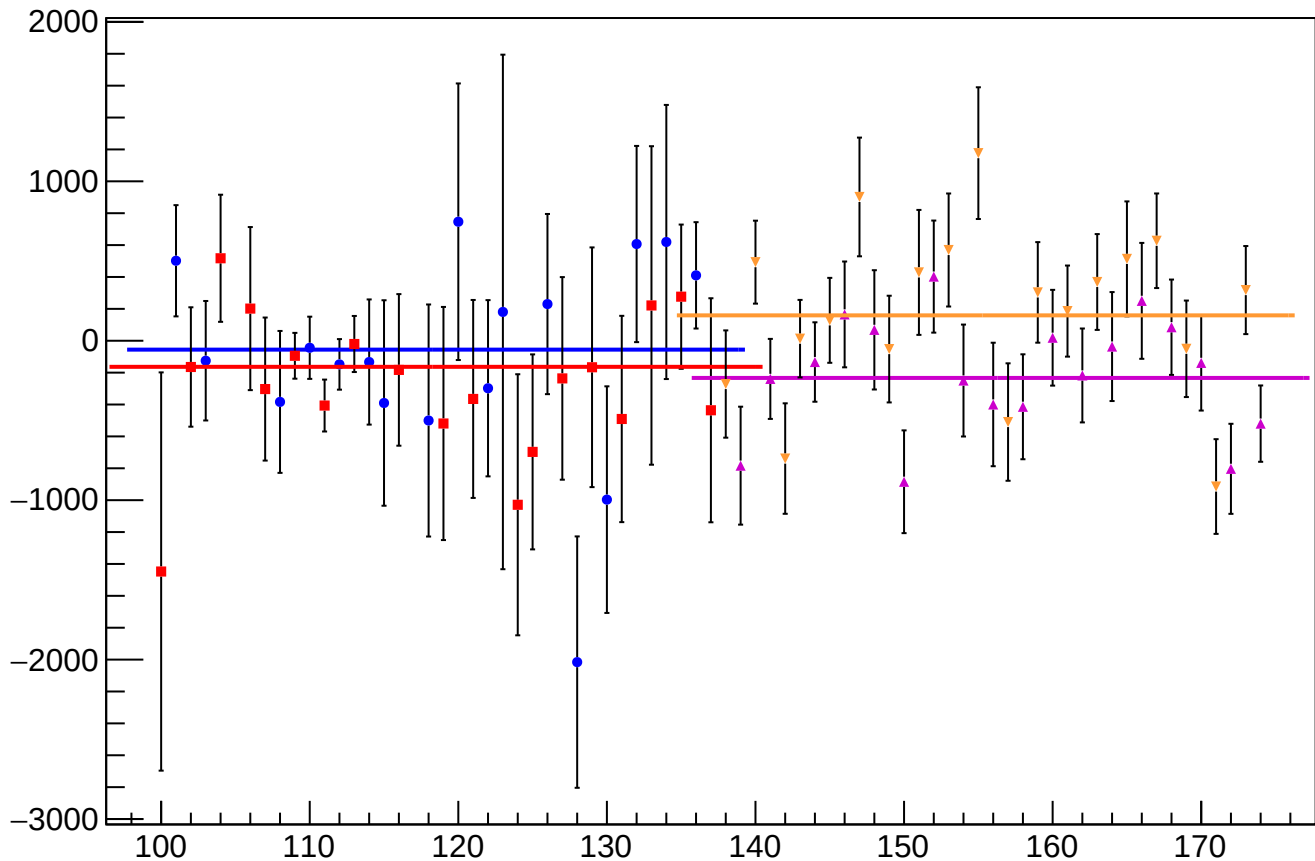
Right: 160.534+/-0.038 χ^2/NDF : 9165825.3/35

In: 229.681+/-0.039 χ^2/NDF : 6288122.0/34

Out: 206.854+/-0.035 χ^2/NDF : 8289360.2/37

All: 217.231+/-0.026 χ^2/NDF : 14767838.2/72

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 159.233 ± 71.686 $\chi^2/\text{NDF}: 44.0/18$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -233.218 ± 72.863 $\chi^2/\text{NDF}: 21.9/17$

Left: -33.798 ± 51.101 $\chi^2/\text{NDF}: 80.6/36$

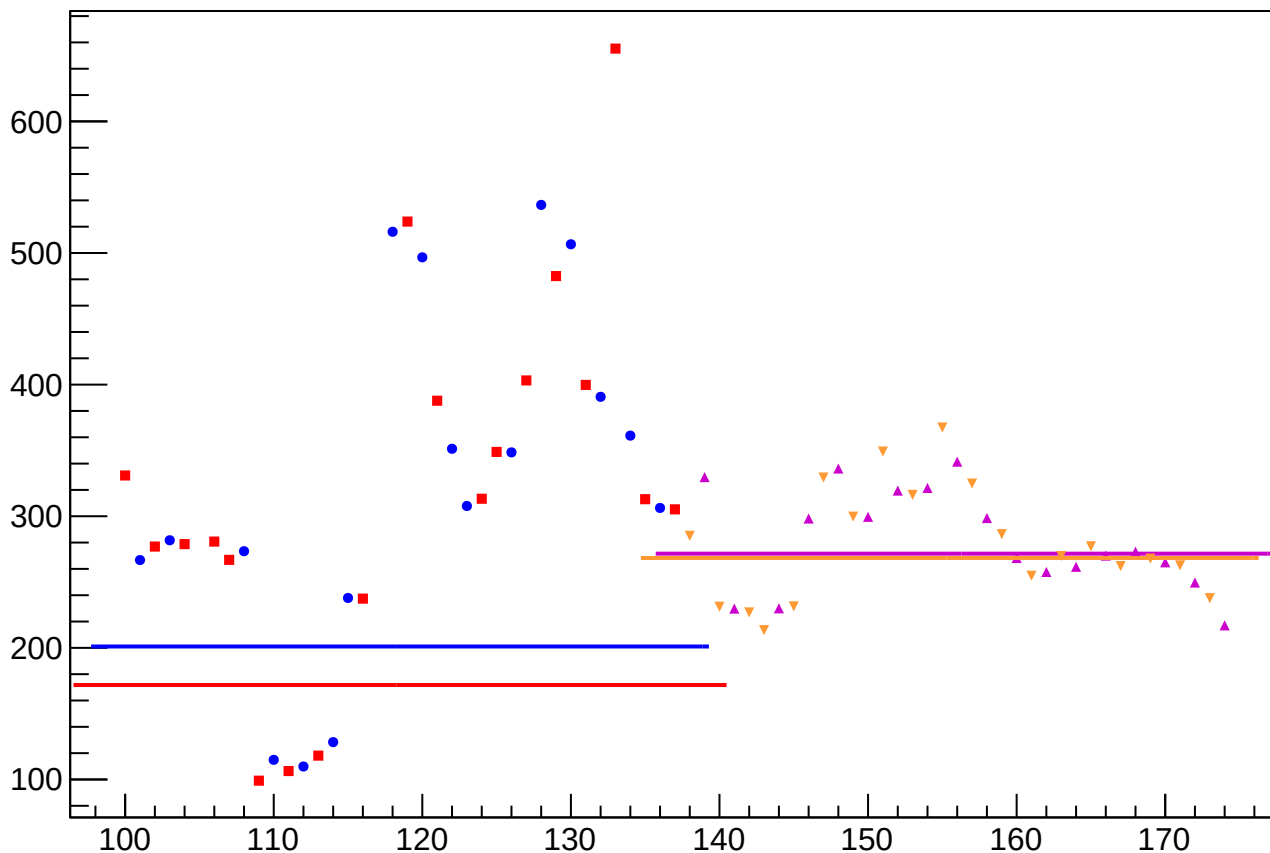
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -163.481 ± 56.772 $\chi^2/\text{NDF}: 41.3/34$

Out: 9.201 ± 52.444 $\chi^2/\text{NDF}: 64.8/37$

All: -70.308 ± 38.523 $\chi^2/\text{NDF}: 111.1/72$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 268.295 $\pm$ 0.051 χ^2/NDF :607680.8/18

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 271.570 $\pm$ 0.052 χ^2/NDF :527725.2/17

Left: 269.906 $\pm$ 0.036 χ^2/NDF : 1137458.8/36

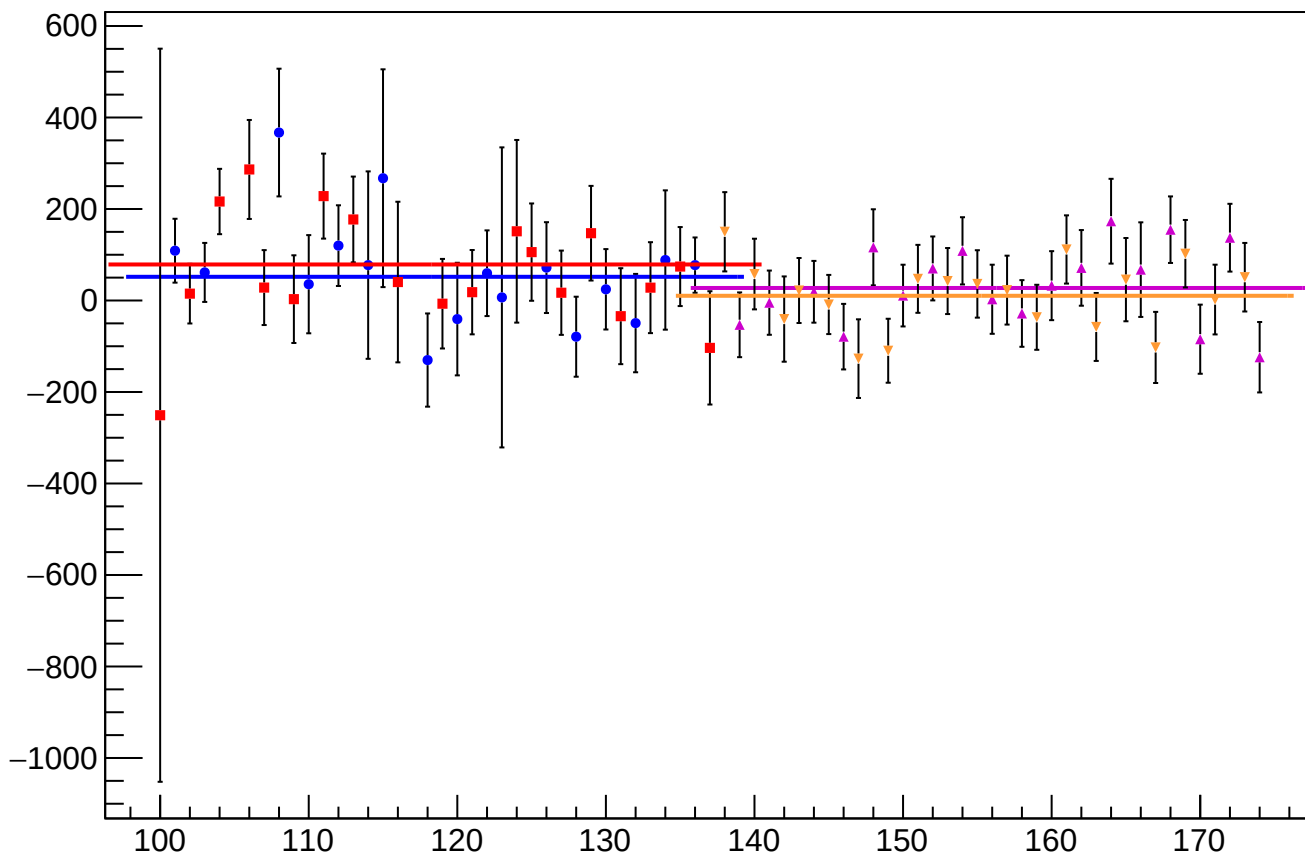
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 243.857 $\pm$ 0.040 χ^2/NDF :4697118.2/34

Out: 223.430 $\pm$ 0.037 χ^2/NDF :6391438.2/37

All: 232.835 $\pm$ 0.027 χ^2/NDF : 11228272.5/72

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2/NDF : 14.5/16

Left Out: 10.304 $\pm$ 17.391 χ^2/NDF :16.7/18

Right Out: 78.749 $\pm$ 22.490 χ^2/NDF : 19.1/18

Left In: 27.368 $\pm$ 17.725 χ^2/NDF :21.5/17

Left: 18.674 $\pm$ 12.414 χ^2/NDF : 38.7/36

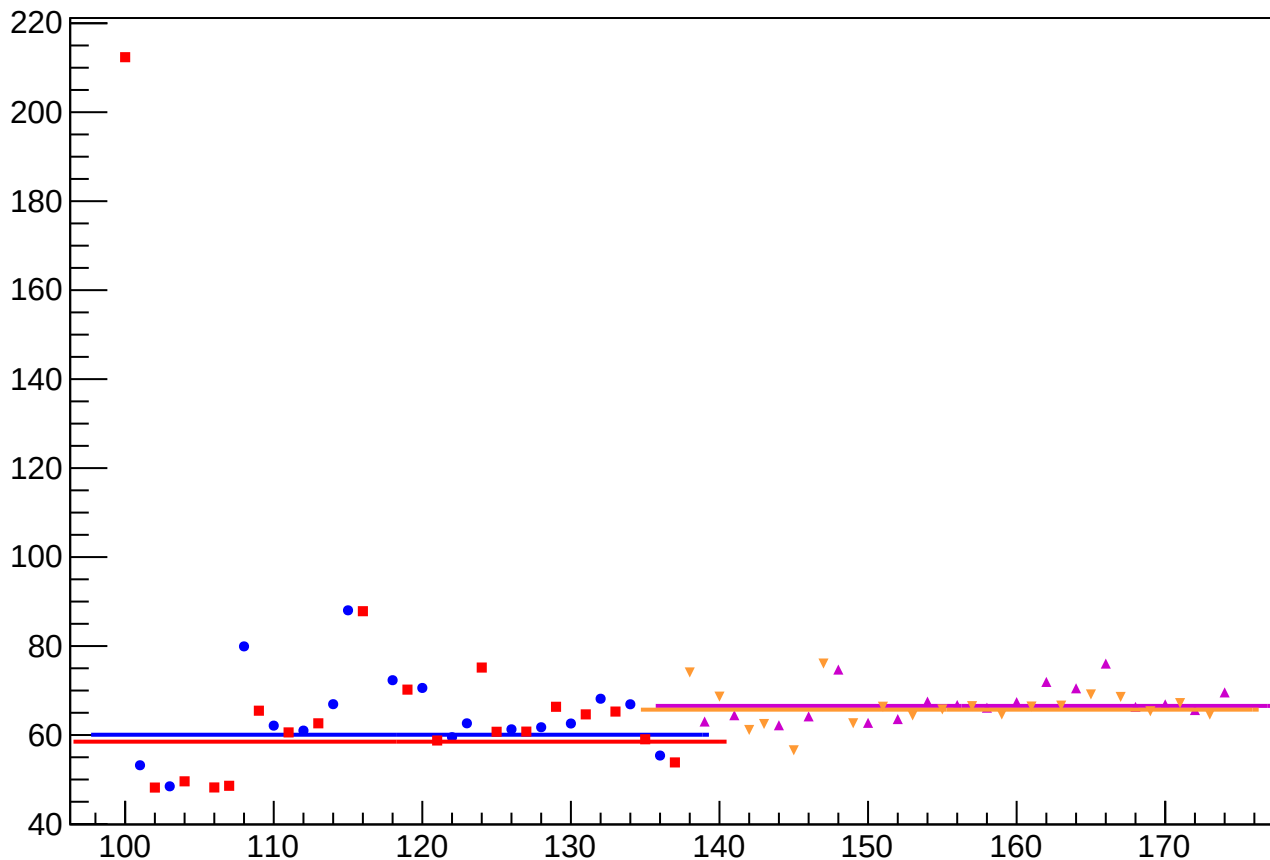
Right: 65.887 $\pm$ 16.261 χ^2/NDF : 34.4/35

In: 36.209 $\pm$ 14.160 χ^2/NDF :36.7/34

Out: 35.915 $\pm$ 13.758 χ^2/NDF :41.7/37

All: 36.058 $\pm$ 9.867 χ^2/NDF : 78.4/72

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: 65.702 $\pm$ 0.012 χ^2 /NDF: 112003.1/18

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 66.545 $\pm$ 0.013 χ^2 /NDF: 79677.3/17

Left: 66.115 $\pm$ 0.009 χ^2 /NDF: 193987.8/36

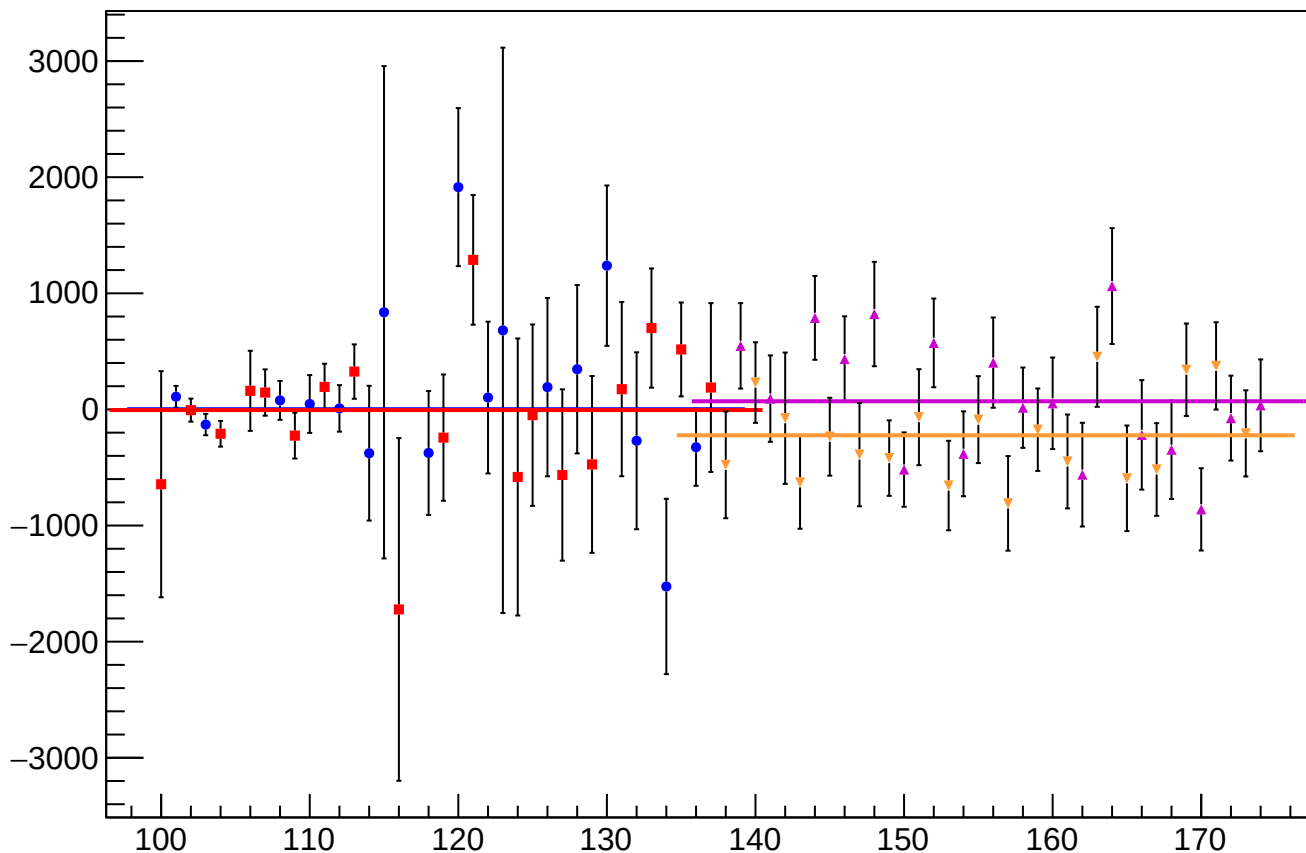
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 64.200 $\pm$ 0.010 χ^2 /NDF: 405493.7/34

Out: 63.010 $\pm$ 0.010 χ^2 /NDF: 588864.6/37

All: 63.588 $\pm$ 0.007 χ^2 /NDF: 1001627.9/72

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 $\chi^2/\text{NDF}: 21.4/16$

Left Out: -222.588 ± 90.253 $\chi^2/\text{NDF}: 15.8/18$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 70.294 ± 90.890 $\chi^2/\text{NDF}: 31.2/17$

Left: -77.177 ± 64.042 $\chi^2/\text{NDF}: 52.2/36$

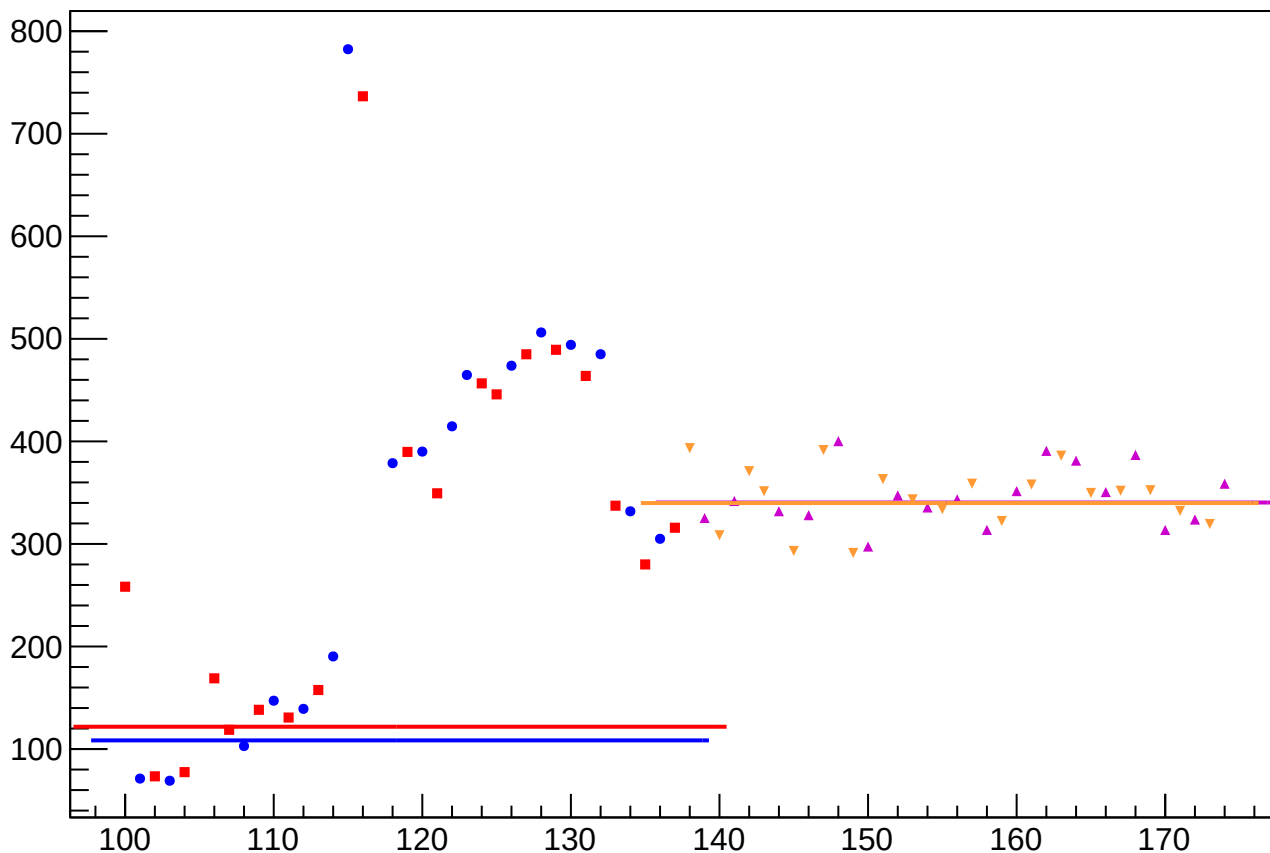
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 19.647 ± 46.605 $\chi^2/\text{NDF}: 53.0/34$

Out: -66.577 ± 47.900 $\chi^2/\text{NDF}: 40.6/37$

All: -22.284 ± 33.403 $\chi^2/\text{NDF}: 95.2/72$

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 339.881 $\pm$ 0.064 χ^2 /NDF: 216500.4/18

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 340.404 $\pm$ 0.064 χ^2 /NDF: 176286.2/17

Left: 340.141 $\pm$ 0.045 χ^2 /NDF: 392819.9/36

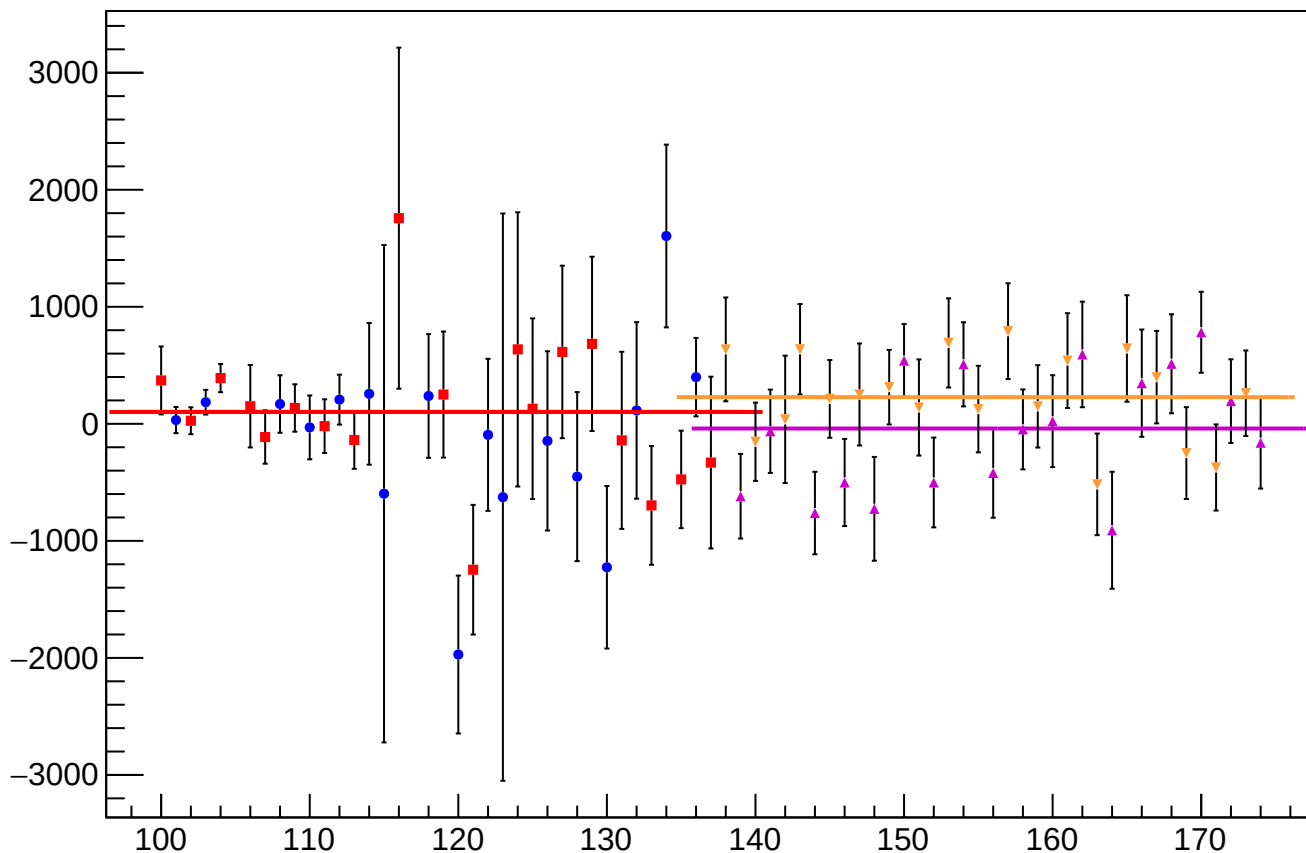
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 169.432 $\pm$ 0.033 χ^2 /NDF: 15181788.4/34

Out: 183.202 $\pm$ 0.034 χ^2 /NDF: 13378442.9/37

All: 176.129 $\pm$ 0.024 χ^2 /NDF: 28645141.5/72

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 228.060 $\pm$ 88.920 χ^2 /NDF:15.7/18

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -39.974 $\pm$ 89.612 χ^2 /NDF:32.5/17

Left: 95.082 $\pm$ 63.119 χ^2 /NDF: 52.8/36

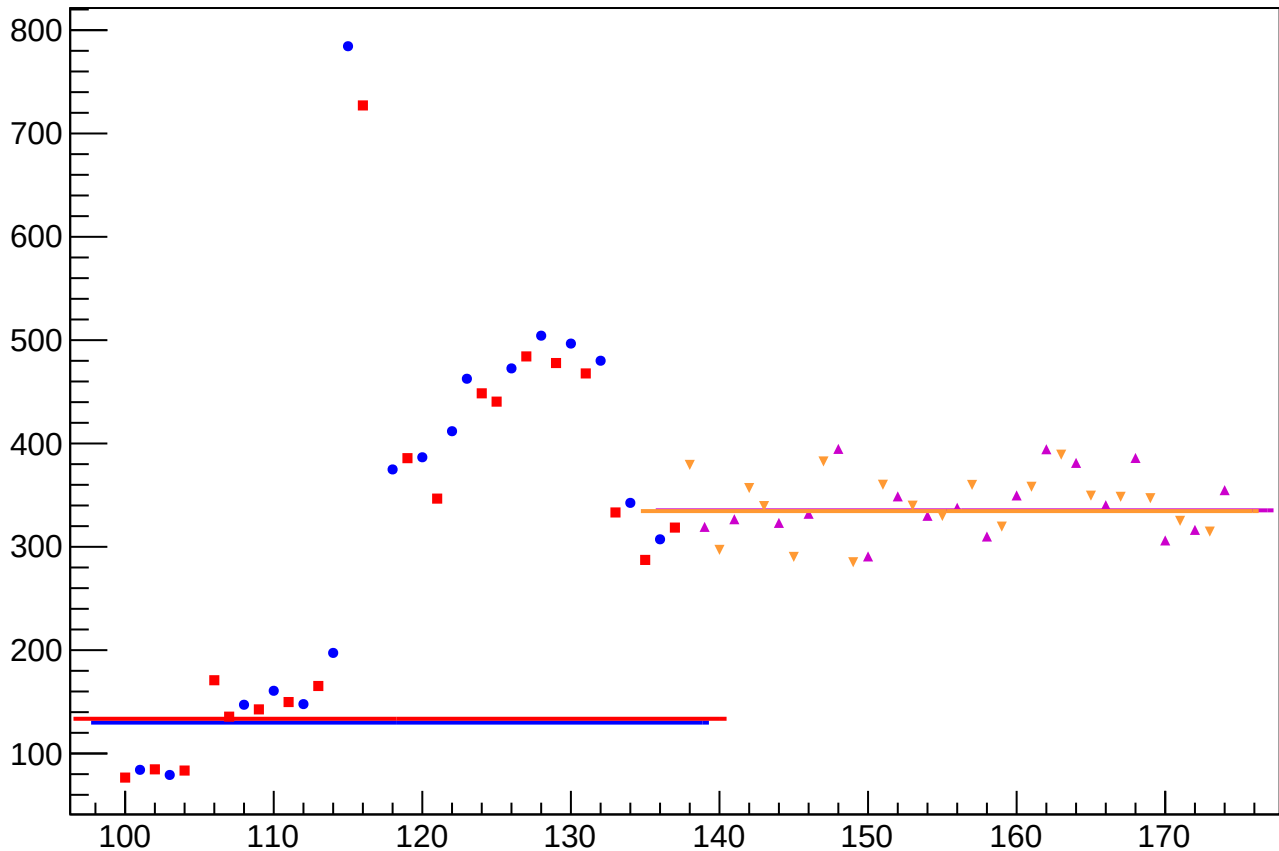
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 55.060 $\pm$ 51.608 χ^2 /NDF:54.5/34

Out: 141.690 $\pm$ 50.215 χ^2 /NDF:39.8/37

All: 99.560 $\pm$ 35.990 χ^2 /NDF: 95.7/72

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 334.581+/-0.063 χ^2/NDF : 229476.3/18

Right Out: 133.604+/-0.043 χ^2/NDF : 4363378.8/18

Left In: 335.293+/-0.063 χ^2/NDF : 205885.6/17

Left: 334.934+/-0.045 χ^2/NDF : 435425.6/36

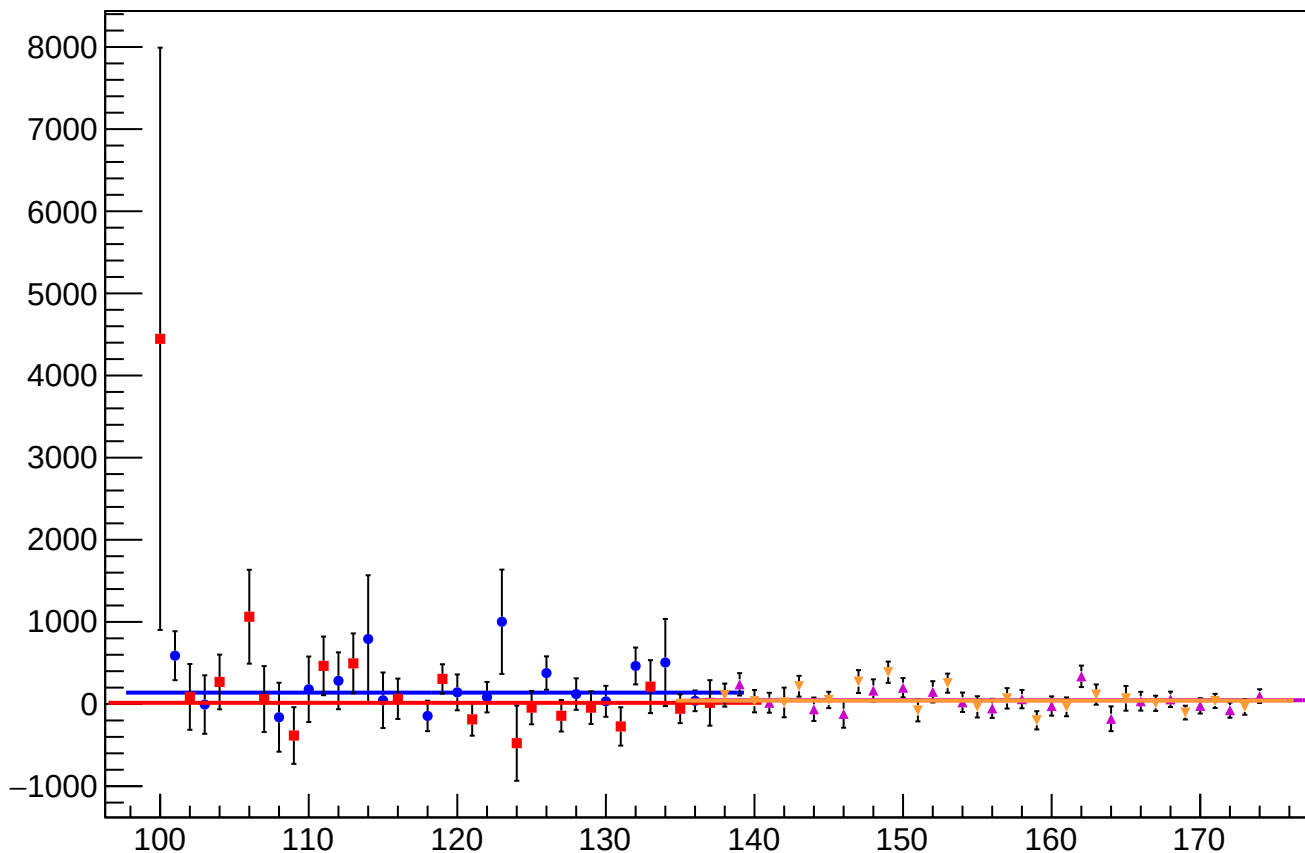
Right: 131.813+/-0.031 χ^2/NDF : 9196501.4/35

In: 198.011+/-0.036 χ^2/NDF : 12058576.2/34

Out: 197.698+/-0.036 χ^2/NDF : 11551564.5/37

All: 197.850+/-0.025 χ^2/NDF : 23610178.5/72

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 41.842 $\pm$ 26.376 χ^2 /NDF:25.9/18

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 46.686 $\pm$ 27.131 χ^2 /NDF:17.7/17

Left: 44.195 $\pm$ 18.912 χ^2 /NDF: 43.6/36

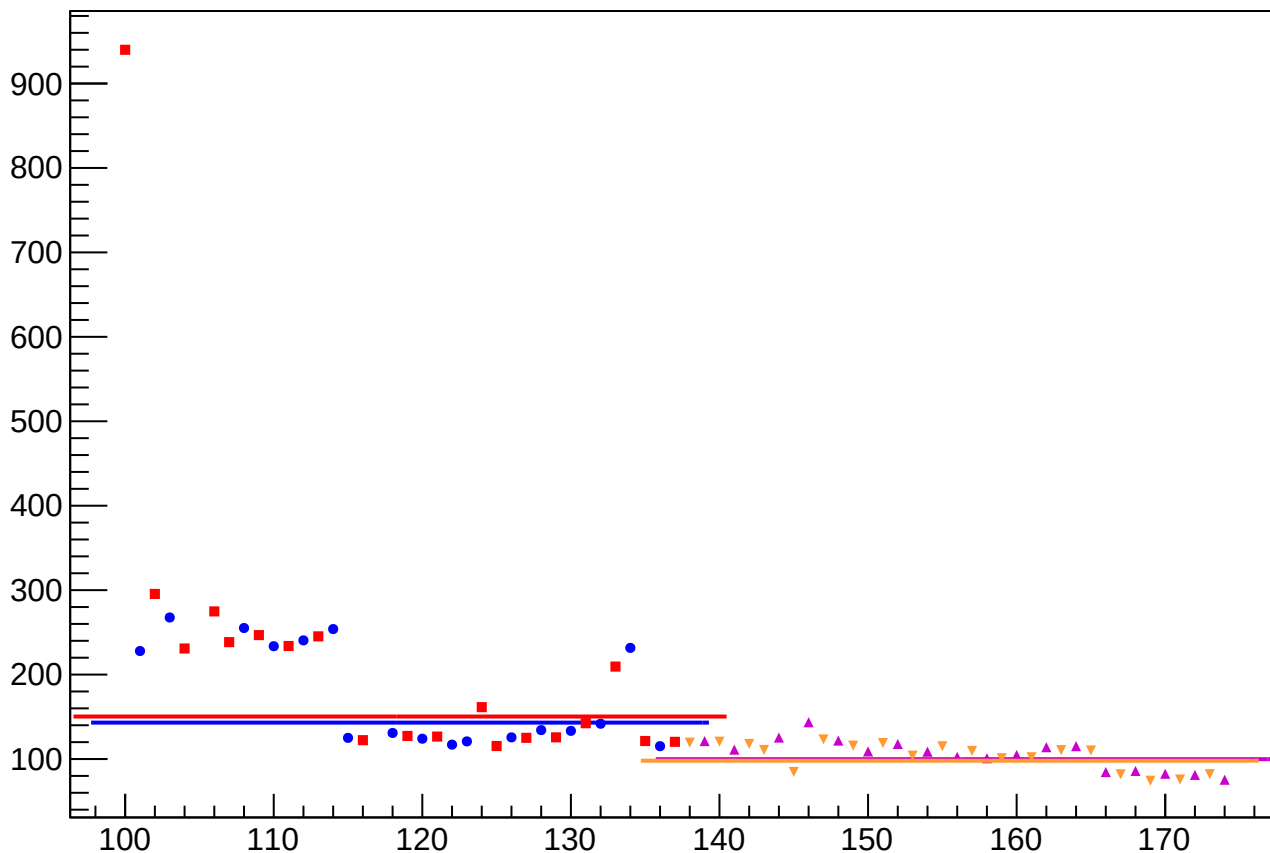
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 63.284 $\pm$ 24.574 χ^2 /NDF:32.9/34

Out: 37.495 $\pm$ 24.154 χ^2 /NDF:44.0/37

All: 50.167 $\pm$ 17.226 χ^2 /NDF: 77.5/72

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 98.010 $\pm$ 0.019 χ^2 /NDF:839690.4/18

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.850 $\pm$ 0.019 χ^2 /NDF:828874.0/17

Left: 98.904 $\pm$ 0.013 χ^2 /NDF: 1673292.2/36

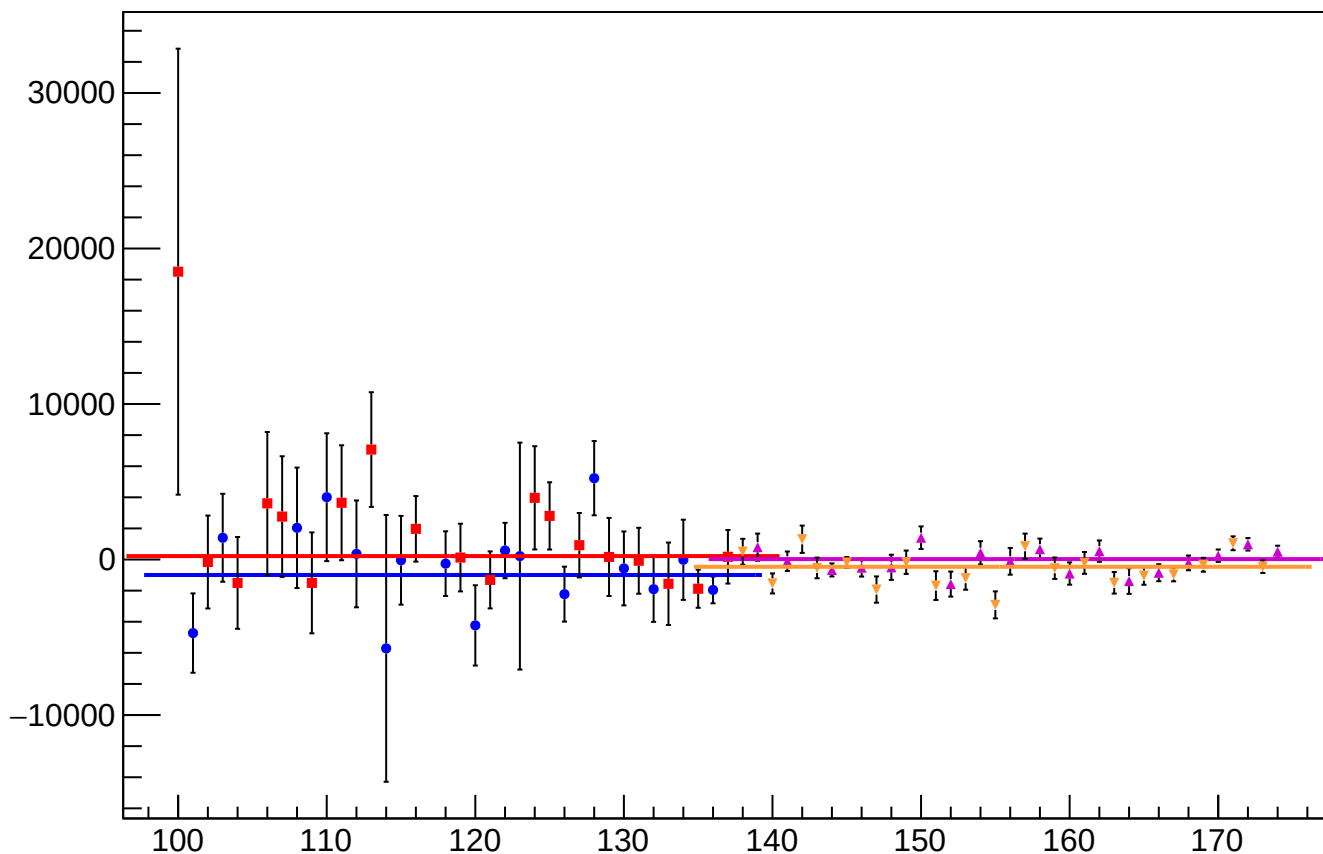
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 107.625 $\pm$ 0.017 χ^2 /NDF:2844751.8/34

Out: 106.456 $\pm$ 0.017 χ^2 /NDF:3542295.4/37

All: 107.031 $\pm$ 0.012 χ^2 /NDF: 6389349.7/72

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785 ± 516.463 $\chi^2/\text{NDF}: 16.9/16$

Left Out: -467.102 ± 135.110 $\chi^2/\text{NDF}: 41.4/18$

Right Out: 221.353 ± 543.431 $\chi^2/\text{NDF}: 15.2/18$

Left In: 27.164 ± 134.392 $\chi^2/\text{NDF}: 29.1/17$

Left: -218.652 ± 95.282 $\chi^2/\text{NDF}: 77.3/36$

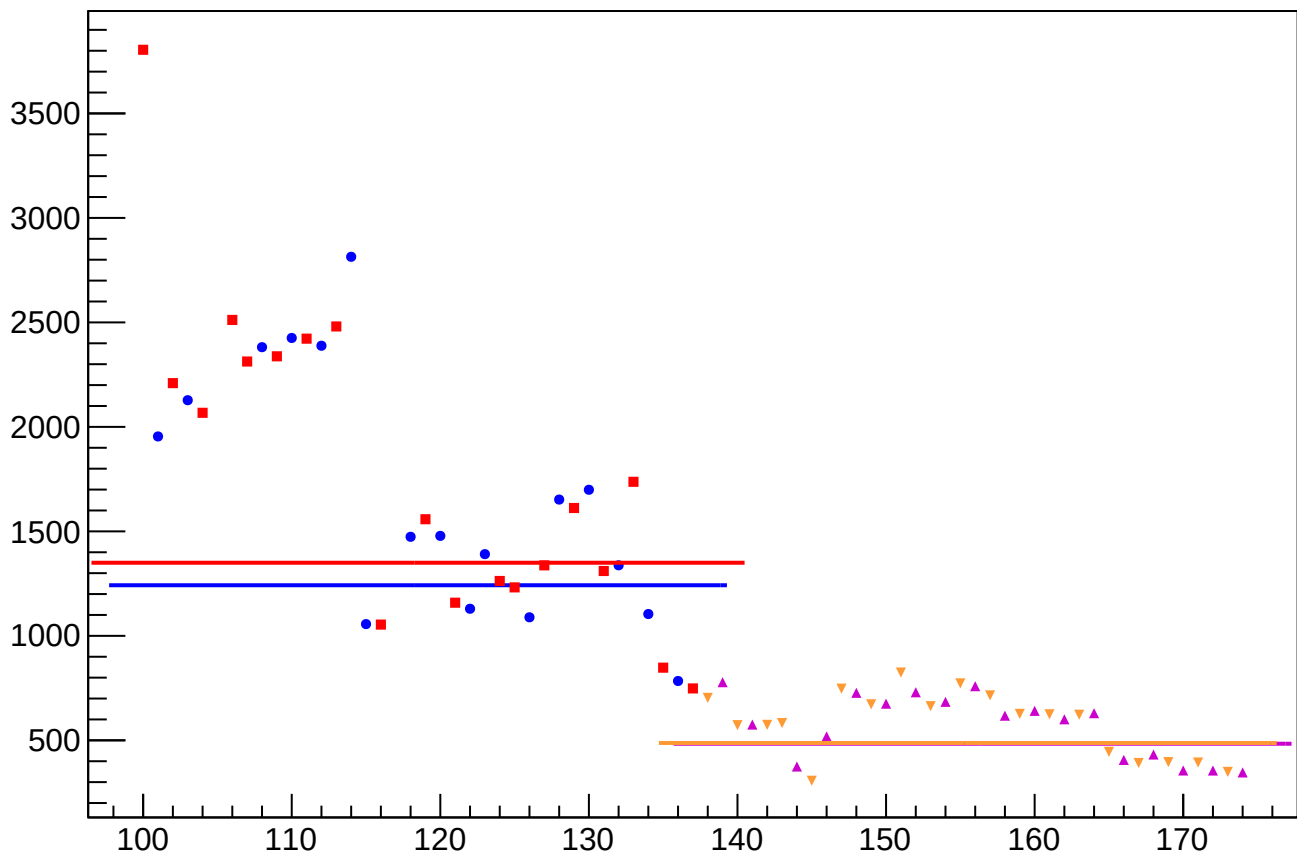
Right: -417.113 ± 374.365 $\chi^2/\text{NDF}: 34.7/35$

In: -37.582 ± 130.060 $\chi^2/\text{NDF}: 49.7/34$

Out: -427.023 ± 131.118 $\chi^2/\text{NDF}: 58.1/37$

All: -230.726 ± 92.338 $\chi^2/\text{NDF}: 112.3/72$

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 487.389 $\pm$ 0.096 χ^2 /NDF: 2559295.5/18

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 483.737 $\pm$ 0.095 χ^2 /NDF: 2293919.8/17

Left: 485.553 $\pm$ 0.067 χ^2 /NDF: 4853949.9/36

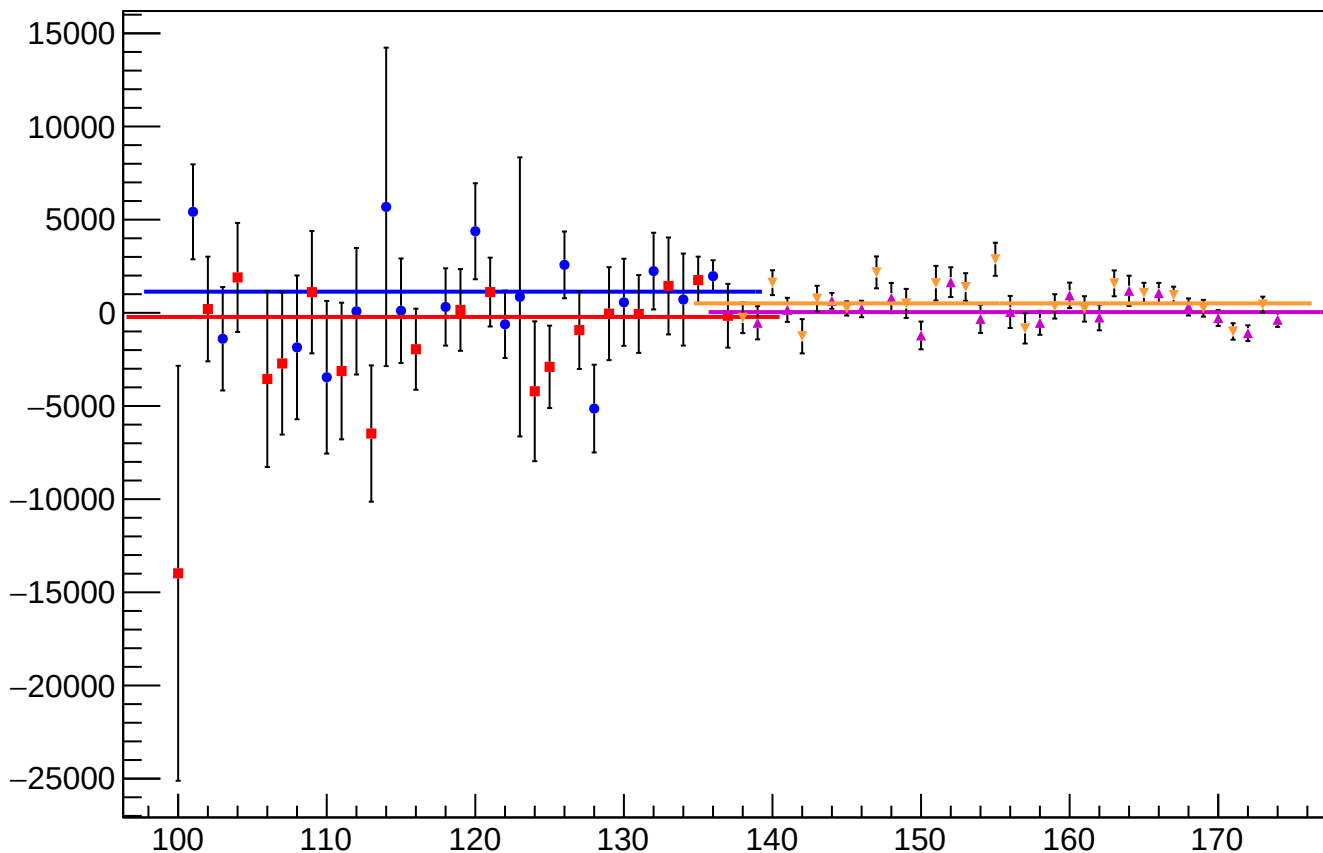
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 531.835 $\pm$ 0.092 χ^2 /NDF: 8100903.9/34

Out: 537.599 $\pm$ 0.093 χ^2 /NDF: 9171670.2/37

All: 534.694 $\pm$ 0.065 χ^2 /NDF: 17274521.9/72

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 506.891+/-136.993 χ^2/NDF : 41.1/18

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 39.871+/-132.958 χ^2/NDF : 27.9/17

Left: 266.401+/-95.410 χ^2/NDF : 75.0/36

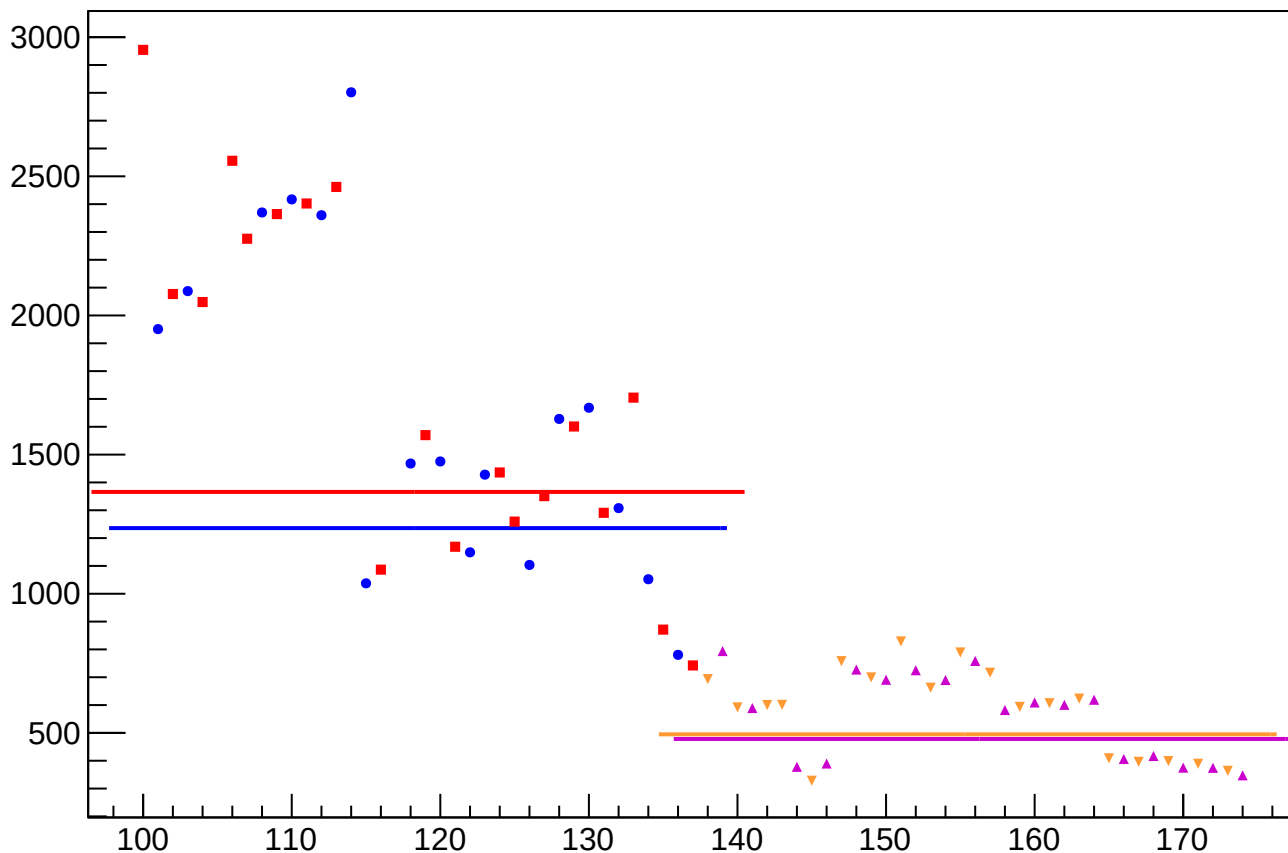
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 108.624+/-128.717 χ^2/NDF : 50.0/34

Out: 464.017+/-132.897 χ^2/NDF : 56.3/37

All: 280.644+/-92.459 χ^2/NDF : 109.9/72

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 494.906+/-0.097 χ^2/NDF : 2381920.9/18

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 478.210+/-0.094 χ^2/NDF : 2205912.2/17

Left: 486.309+/-0.067 χ^2/NDF : 4603129.8/36

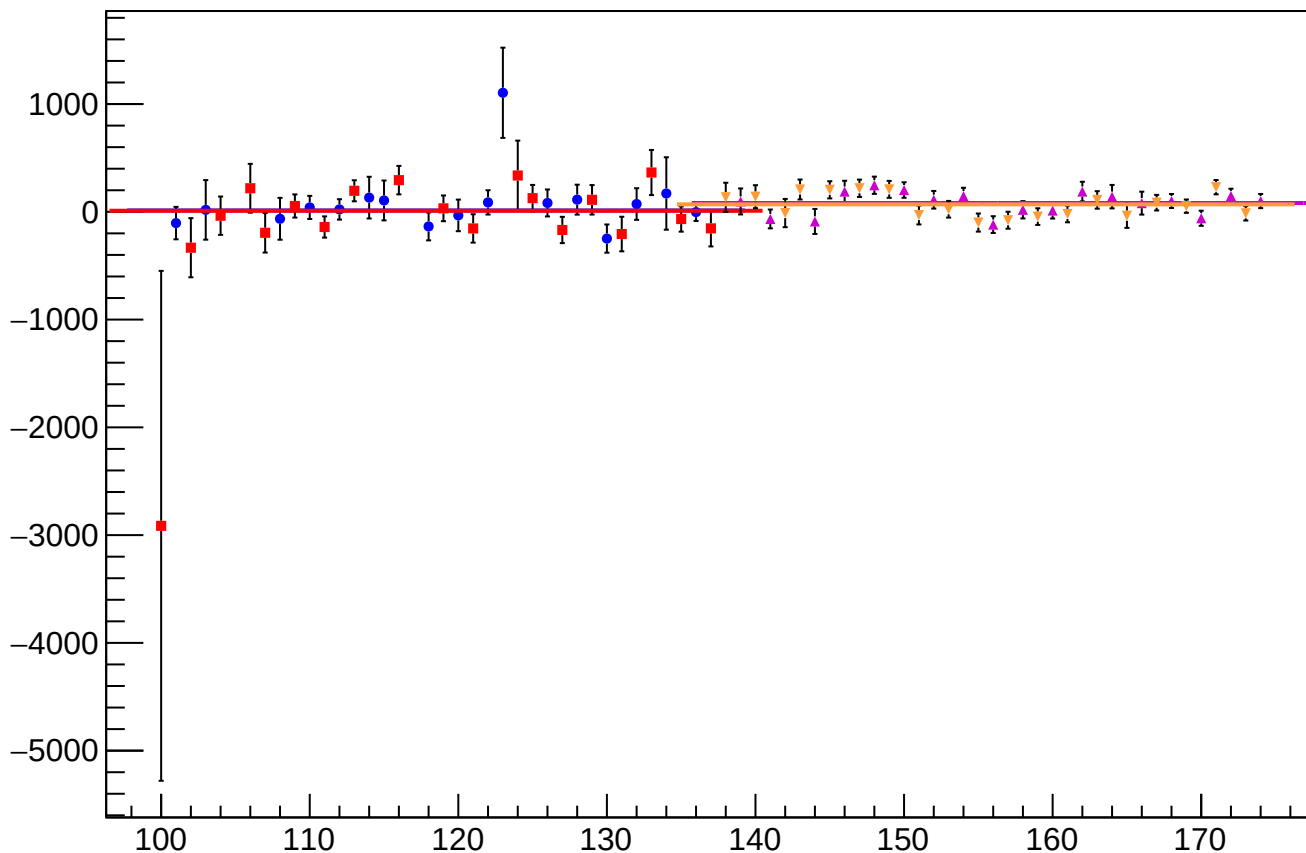
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 525.771+/-0.091 χ^2/NDF : 8028867.4/34

Out: 546.222+/-0.094 χ^2/NDF : 8895375.8/37

All: 535.670+/-0.065 χ^2/NDF : 16948679.7/72

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 69.163+/-18.691 χ^2/NDF : 34.0/18

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 81.852+/-19.147 χ^2/NDF : 29.0/17

Left: 75.354+/-13.375 χ^2/NDF : 63.2/36

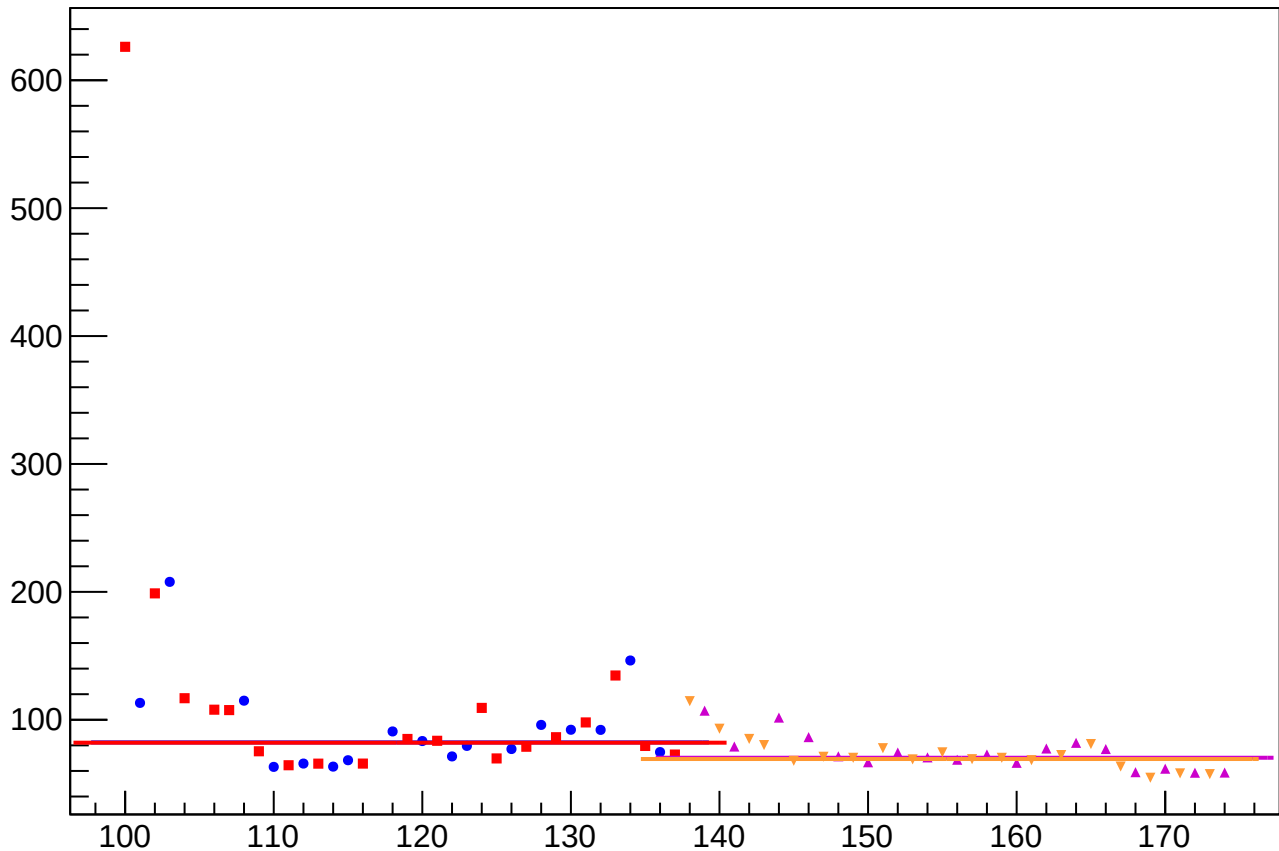
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 64.516+/-16.590 χ^2/NDF : 47.6/34

Out: 54.537+/-16.216 χ^2/NDF : 64.7/37

All: 59.412+/-11.596 χ^2/NDF : 112.5/72

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 69.324+/-0.013 χ^2/NDF : 678389.5/18

Right Out: 82.091+/-0.023 χ^2/NDF : 959008.5/18

Left In: 70.317+/-0.014 χ^2/NDF : 679746.8/17

Left: 69.809+/-0.009 χ^2/NDF : 1360893.2/36

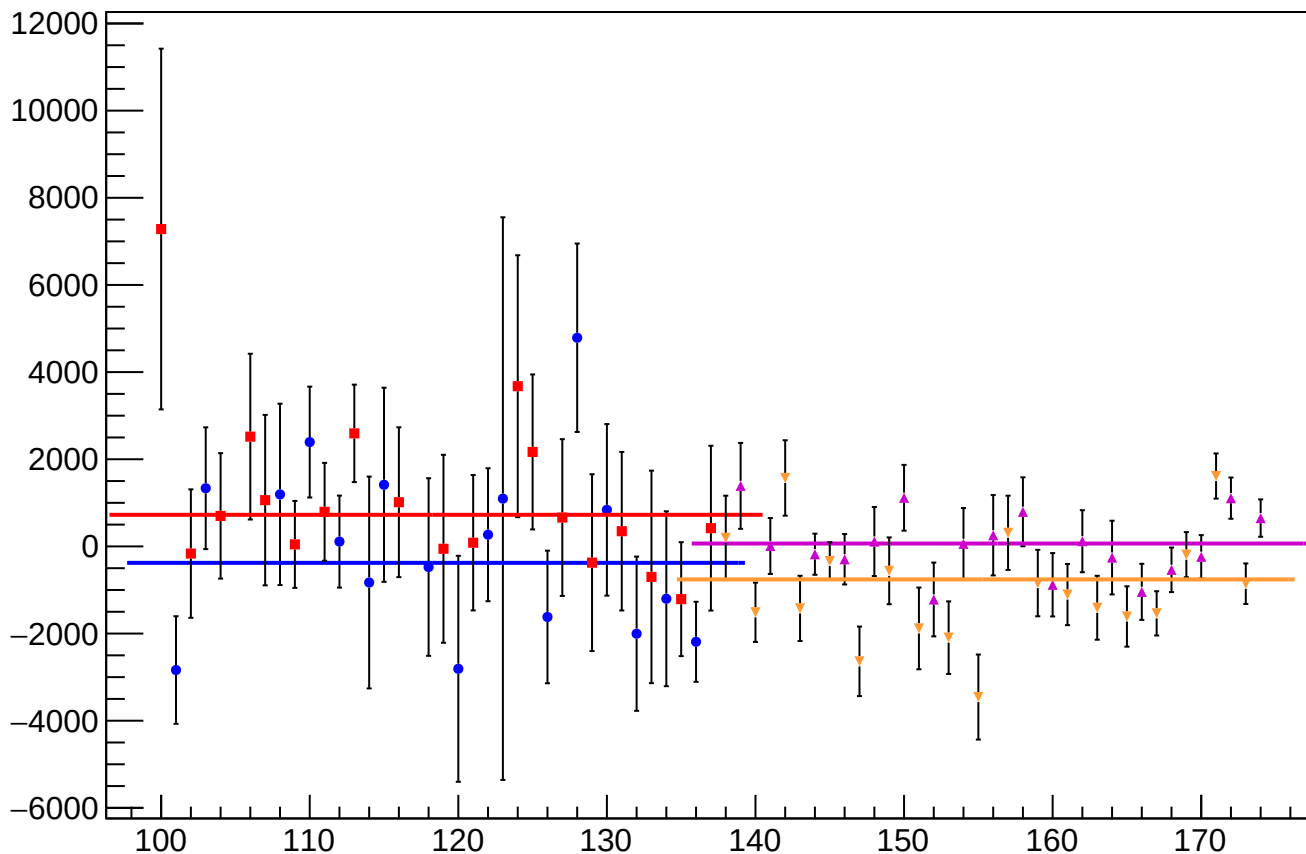
Right: 82.196+/-0.016 χ^2/NDF : 1827793.7/35

In: 73.306+/-0.012 χ^2/NDF : 1743937.0/34

Out: 72.482+/-0.011 χ^2/NDF : 1868211.4/37

All: 72.885+/-0.008 χ^2/NDF : 3614670.4/72

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -757.247+/-151.435 χ^2/NDF : 57.2/18

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 66.175+/-148.418 χ^2/NDF : 20.9/17

Left: -337.253+/-105.998 χ^2/NDF : 93.1/36

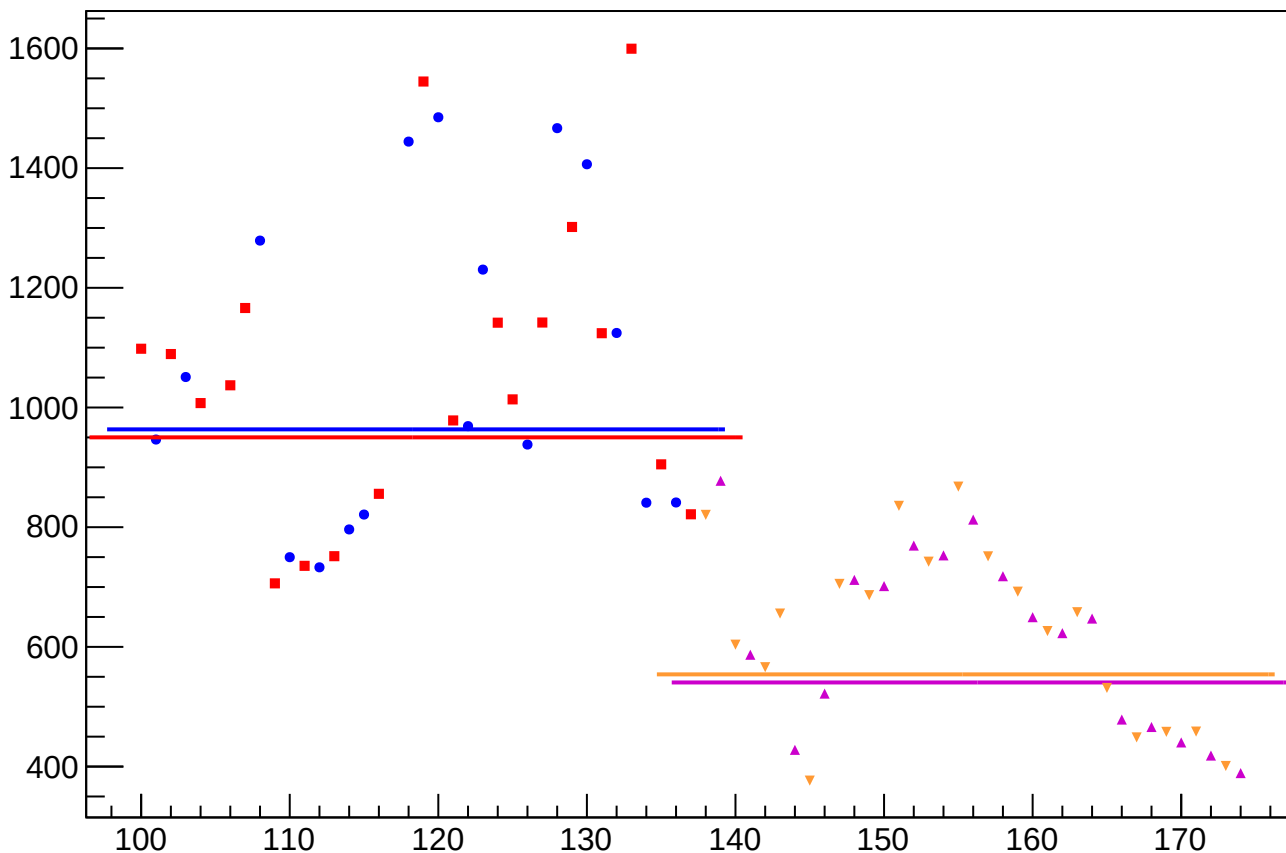
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 8.505+/-138.433 χ^2/NDF : 46.5/34

Out: -541.735+/-139.995 χ^2/NDF : 83.0/37

All: -263.527+/-98.435 χ^2/NDF : 137.3/72

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: 554.069 $\pm$ 0.107 χ^2 /NDF:1832588.7/18

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 540.548 $\pm$ 0.105 χ^2 /NDF:1727776.2/17

Left: 547.173 $\pm$ 0.075 χ^2 /NDF: 3568497.6/36

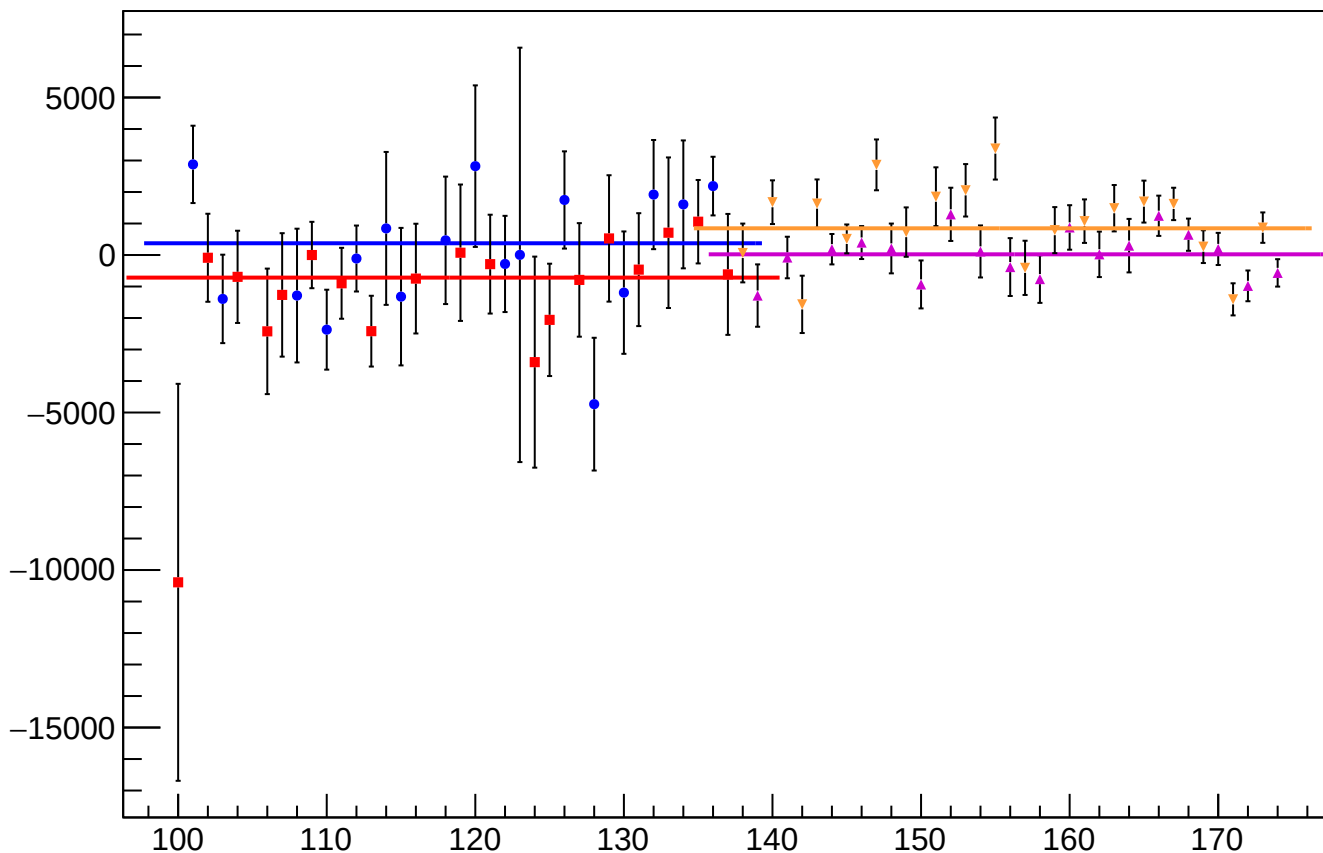
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 595.541 $\pm$ 0.098 χ^2 /NDF:4528300.7/34

Out: 611.646 $\pm$ 0.099 χ^2 /NDF:4553276.0/37

All: 603.503 $\pm$ 0.070 χ^2 /NDF: 9094958.7/72

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 847.599+/-153.004 χ^2/NDF : 54.6/18

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 22.065+/-148.562 χ^2/NDF : 20.5/17

Left: 422.675+/-106.585 χ^2/NDF : 90.0/36

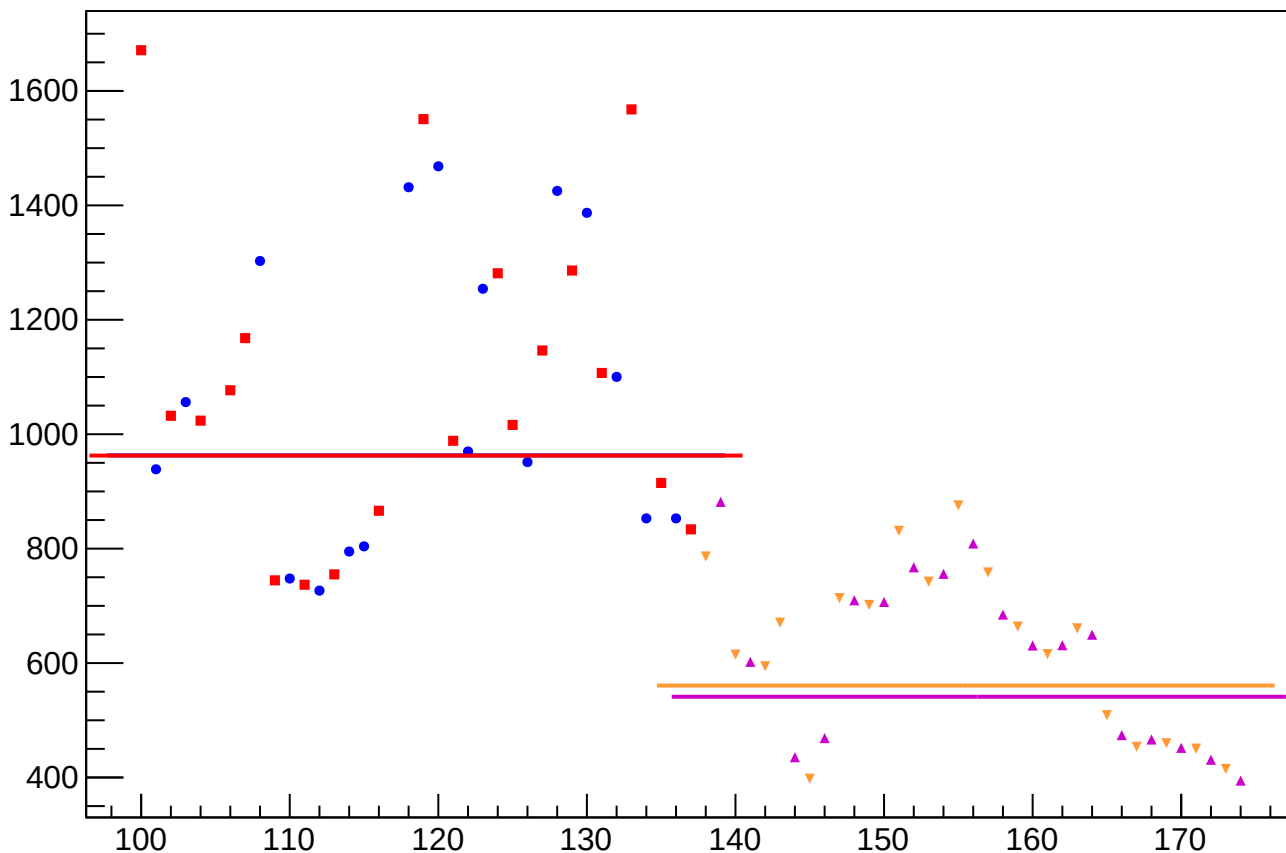
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 67.810+/-138.538 χ^2/NDF : 46.5/34

Out: 620.916+/-141.490 χ^2/NDF : 79.9/37

All: 338.534+/-98.988 χ^2/NDF : 134.1/72

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 560.719 $\pm$ 0.108 χ^2 /NDF: 1673750.1/18

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 541.134 $\pm$ 0.105 χ^2 /NDF: 1645632.1/17

Left: 550.638 $\pm$ 0.075 χ^2 /NDF: 3336249.5/36

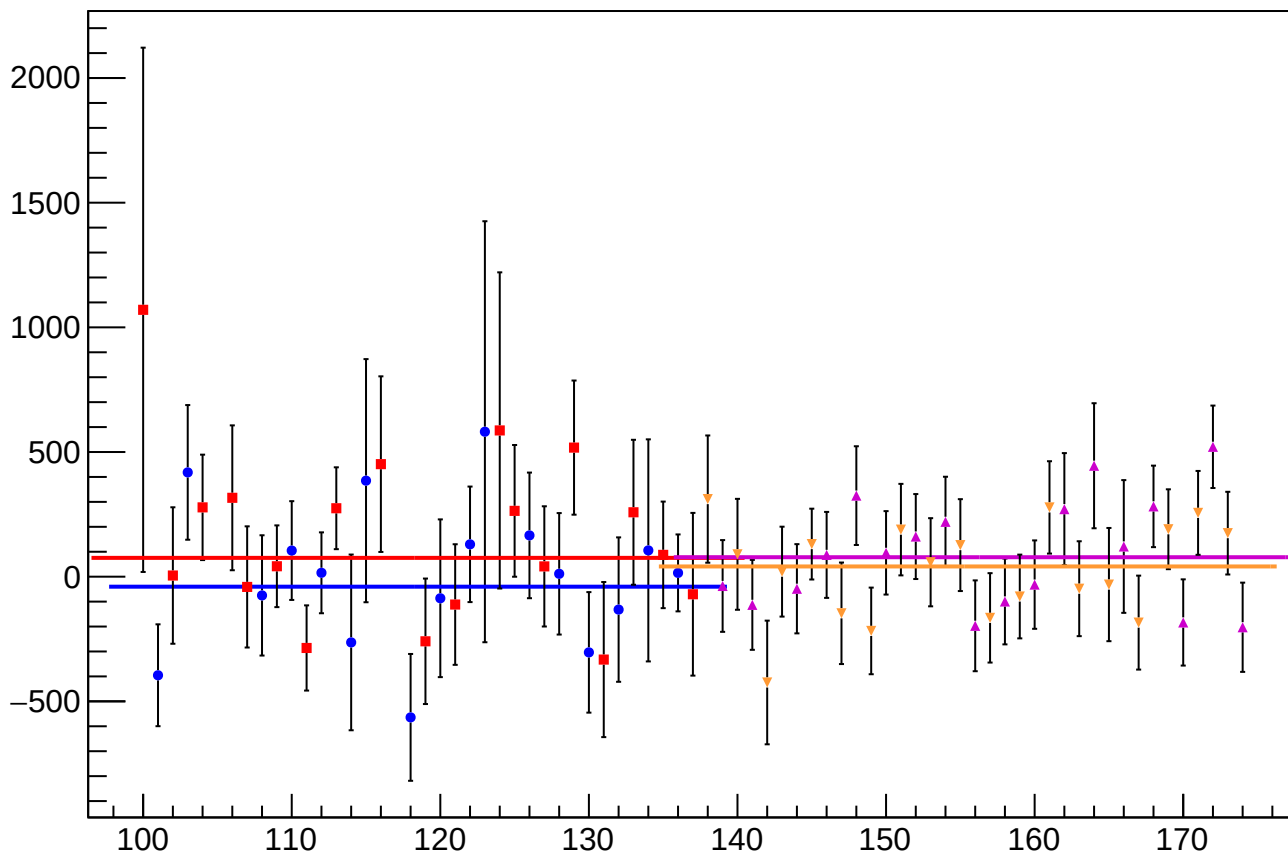
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 596.137 $\pm$ 0.098 χ^2 /NDF: 4415703.0/34

Out: 618.943 $\pm$ 0.100 χ^2 /NDF: 4369646.8/37

All: 607.300 $\pm$ 0.070 χ^2 /NDF: 8811877.2/72

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: 41.008 ± 42.177 $\chi^2/\text{NDF}: 17.4/18$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 78.048 ± 43.208 $\chi^2/\text{NDF}: 24.6/17$

Left: 59.080 ± 30.182 $\chi^2/\text{NDF}: 42.3/36$

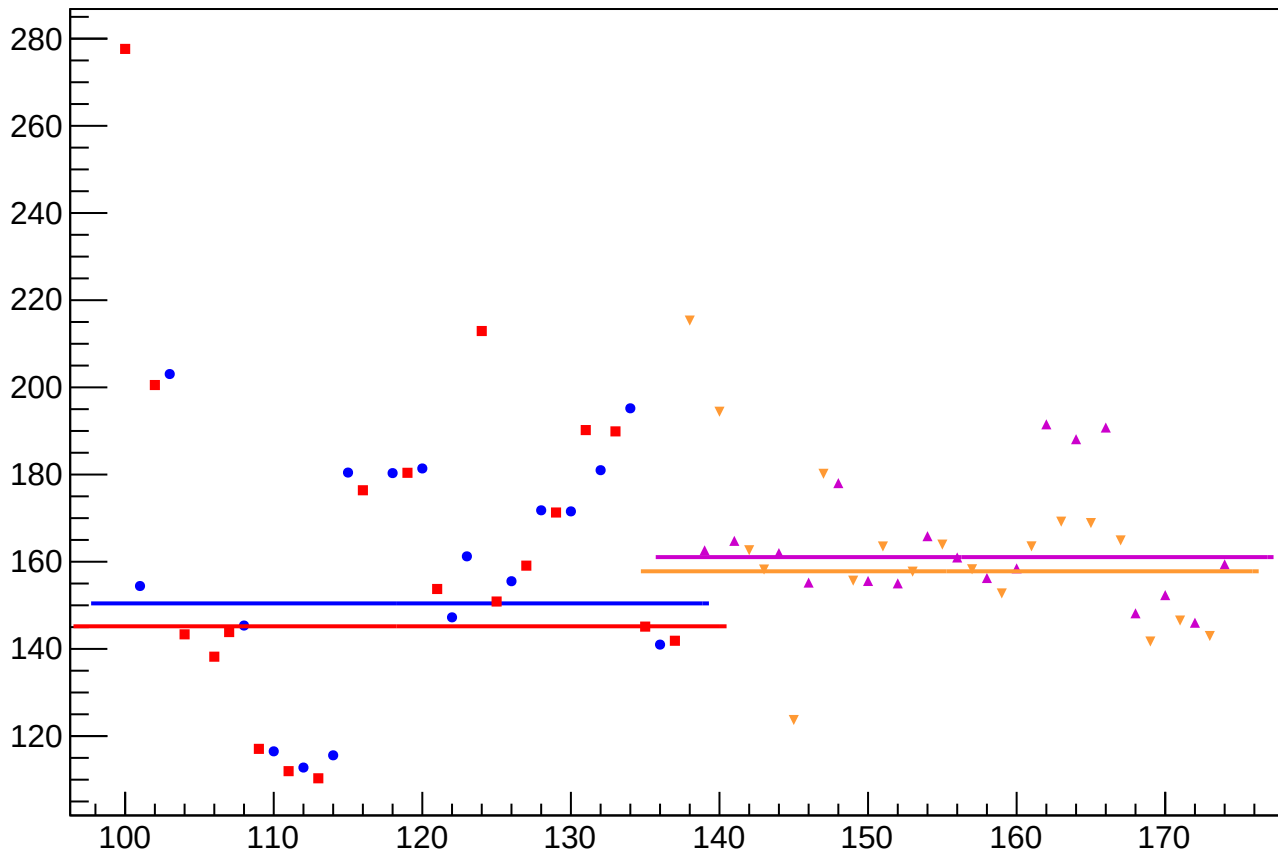
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 37.027 ± 34.913 $\chi^2/\text{NDF}: 42.5/34$

Out: 53.412 ± 33.741 $\chi^2/\text{NDF}: 36.1/37$

All: 45.499 ± 24.262 $\chi^2/\text{NDF}: 78.7/72$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2/NDF : 400121.4/16

Left Out: 157.806 $\pm$ 0.030 χ^2/NDF :364331.3/18

Right Out: 145.187 $\pm$ 0.040 χ^2/NDF : 535696.3/18

Left In: 161.061 $\pm$ 0.031 χ^2/NDF :145282.4/17

Left: 159.394 $\pm$ 0.021 χ^2/NDF : 515425.6/36

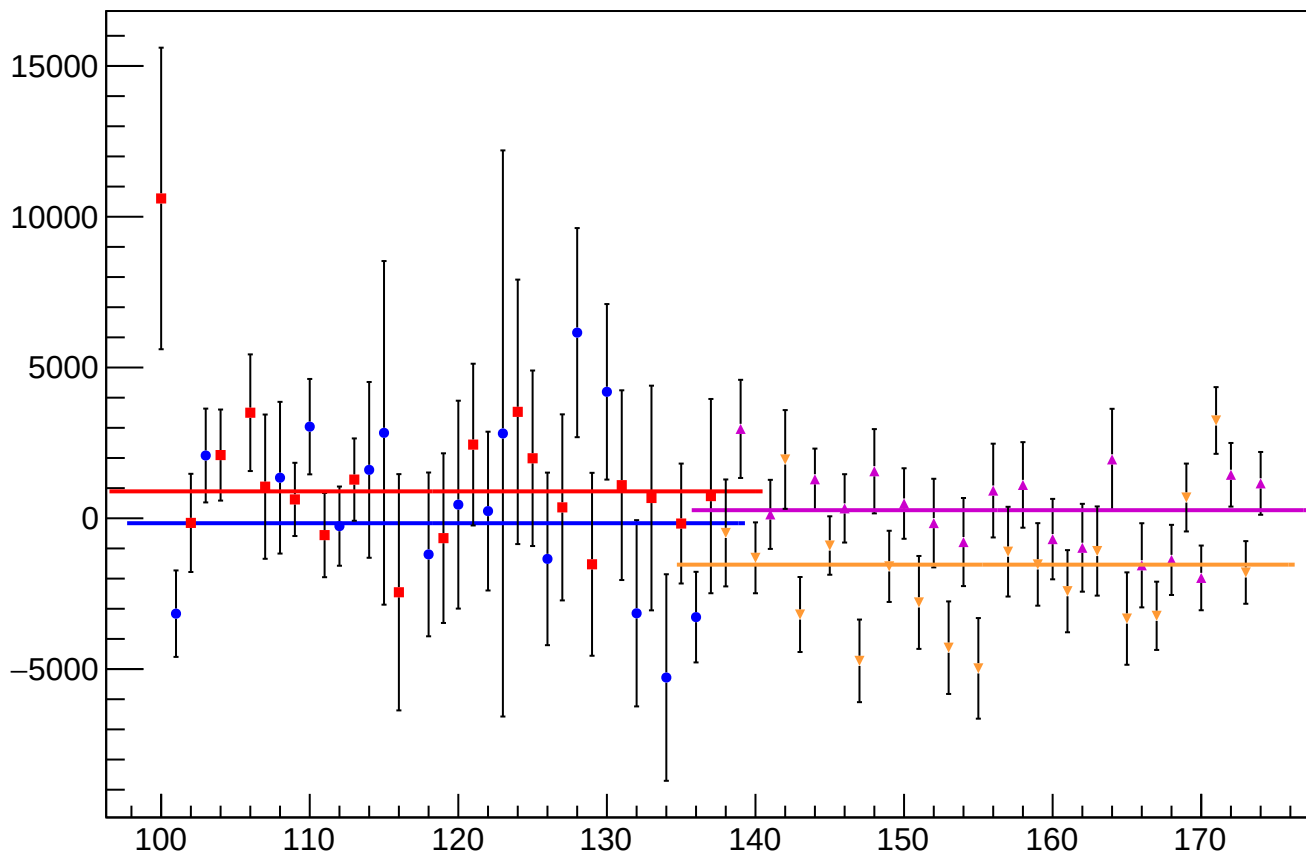
Right: 147.677 $\pm$ 0.029 χ^2/NDF : 944092.7/35

In: 157.375 $\pm$ 0.025 χ^2/NDF :587337.1/34

Out: 153.263 $\pm$ 0.024 χ^2/NDF :964480.8/37

All: 155.249 $\pm$ 0.017 χ^2/NDF : 1566161.8/72

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1537.022 $\pm$ 297.432 χ^2 /NDF: 47.5/18

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 269.019 $\pm$ 297.458 χ^2 /NDF: 18.1/17

Left: -634.080 $\pm$ 210.326 χ^2 /NDF: 84.1/36

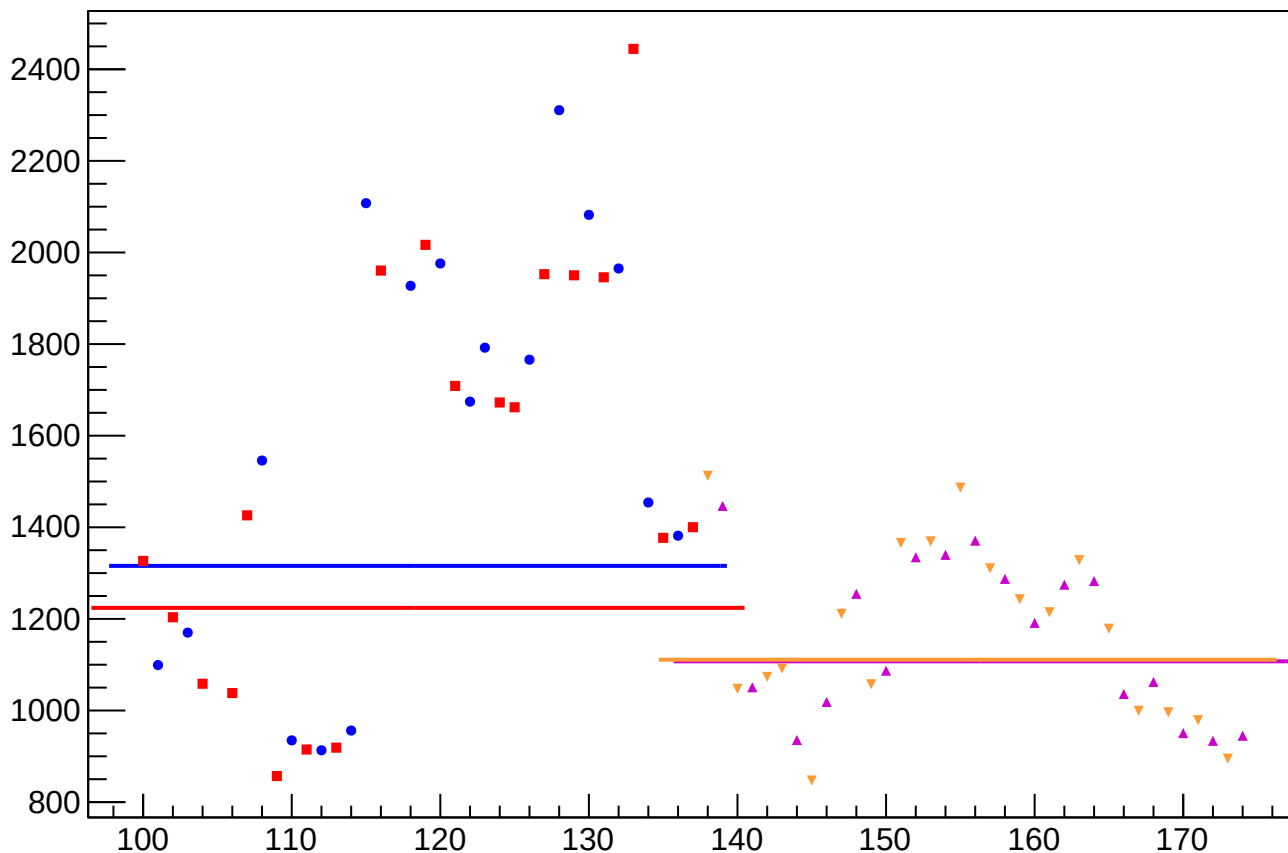
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 166.513 $\pm$ 259.765 χ^2 /NDF: 43.7/34

Out: -871.499 $\pm$ 253.454 χ^2 /NDF: 76.5/37

All: -365.256 $\pm$ 181.409 χ^2 /NDF: 128.4/72

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1110.943+/-0.210 χ^2/NDF : 754038.8/18

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1107.393+/-0.210 χ^2/NDF : 581979.0/17

Left: 1109.168+/-0.149 χ^2/NDF : 1336160.2/36

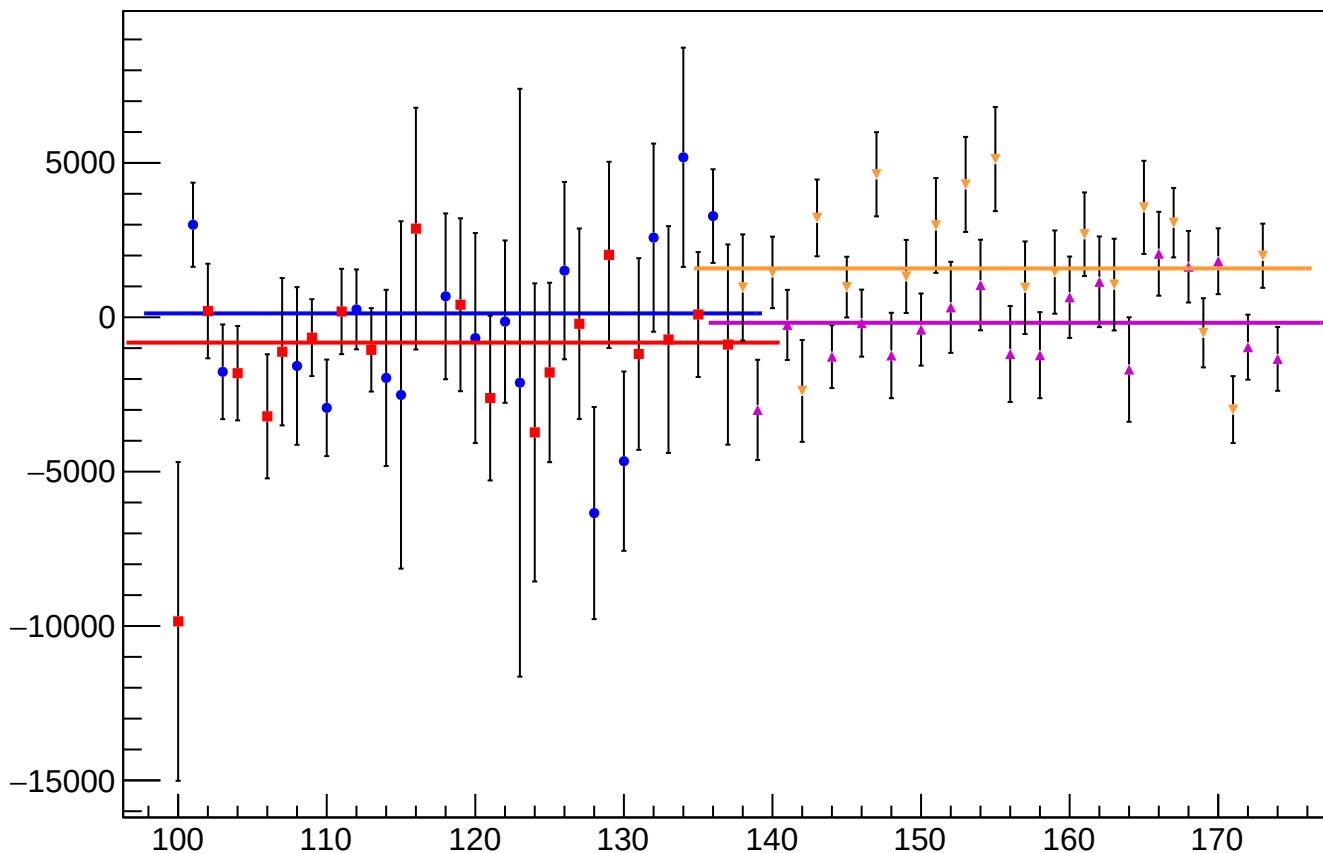
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1156.860+/-0.184 χ^2/NDF : 1933336.5/34

Out: 1141.946+/-0.179 χ^2/NDF : 2197286.6/37

All: 1149.220+/-0.128 χ^2/NDF : 4134000.9/72

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 ± 526.801 $\chi^2/\text{NDF}: 24.7/16$

Left Out: 1582.307 ± 296.450 $\chi^2/\text{NDF}: 47.3/18$

Right Out: -820.213 ± 484.659 $\chi^2/\text{NDF}: 9.1/18$

Left In: -178.227 ± 295.324 $\chi^2/\text{NDF}: 19.1/17$

Left: 698.691 ± 209.222 $\chi^2/\text{NDF}: 84.1/36$

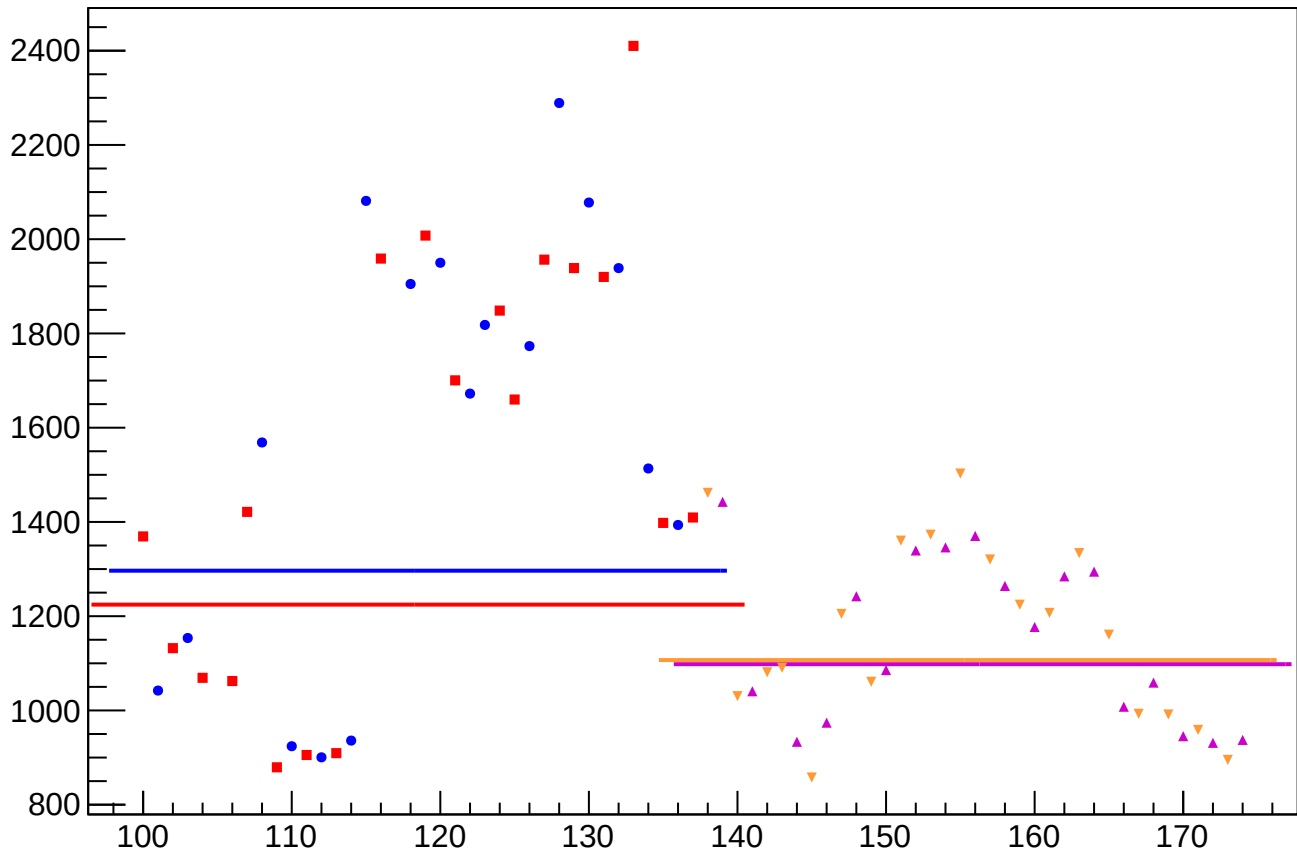
Right: -386.748 ± 356.675 $\chi^2/\text{NDF}: 35.5/35$

In: -105.629 ± 257.606 $\chi^2/\text{NDF}: 44.0/34$

Out: 928.172 ± 252.893 $\chi^2/\text{NDF}: 74.3/37$

All: 420.816 ± 180.466 $\chi^2/\text{NDF}: 126.5/72$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1106.900 $\pm$ 0.210 χ^2 /NDF: 739231.1/18

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1098.148 $\pm$ 0.209 χ^2 /NDF: 612794.9/17

Left: 1102.507 $\pm$ 0.148 χ^2 /NDF: 1352901.0/36

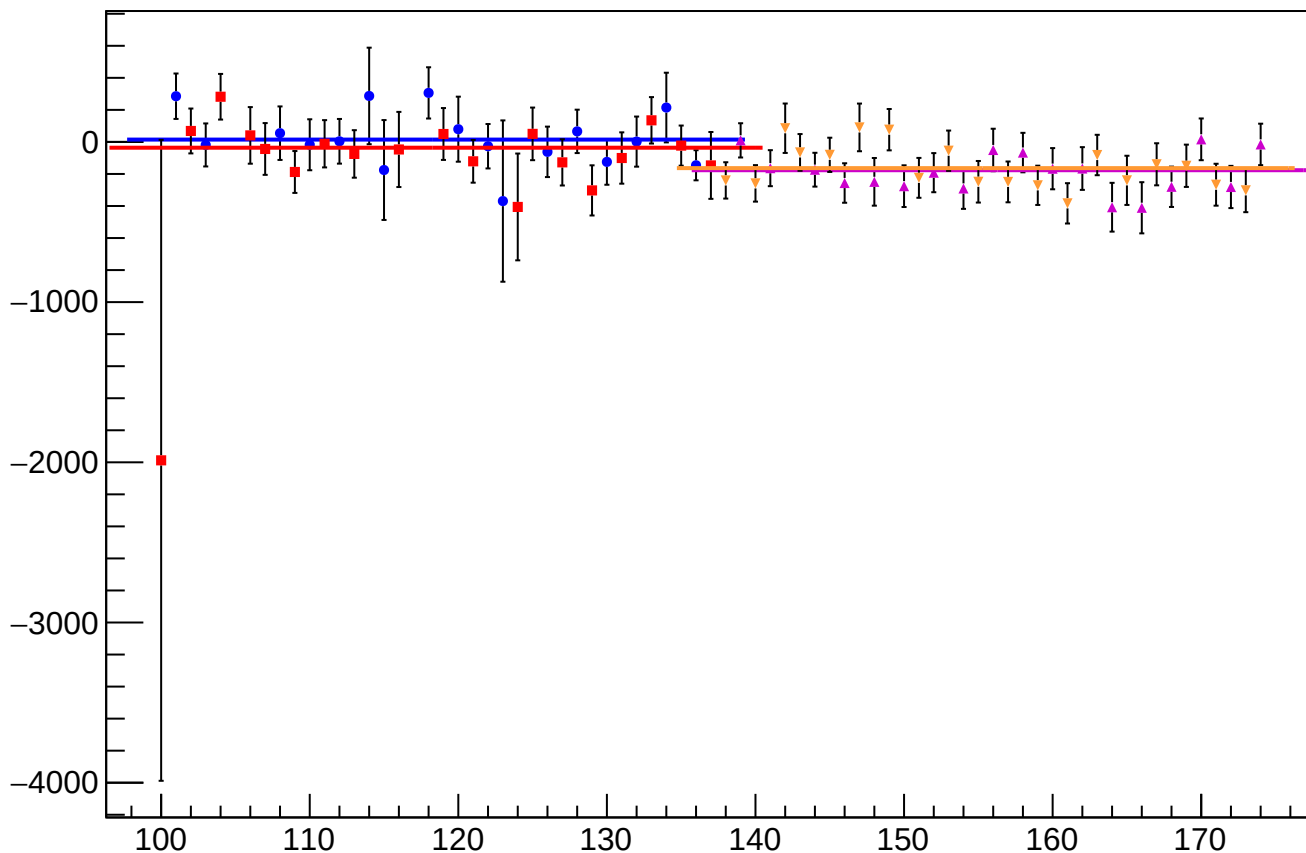
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1145.596 $\pm$ 0.182 χ^2 /NDF: 2004157.2/34

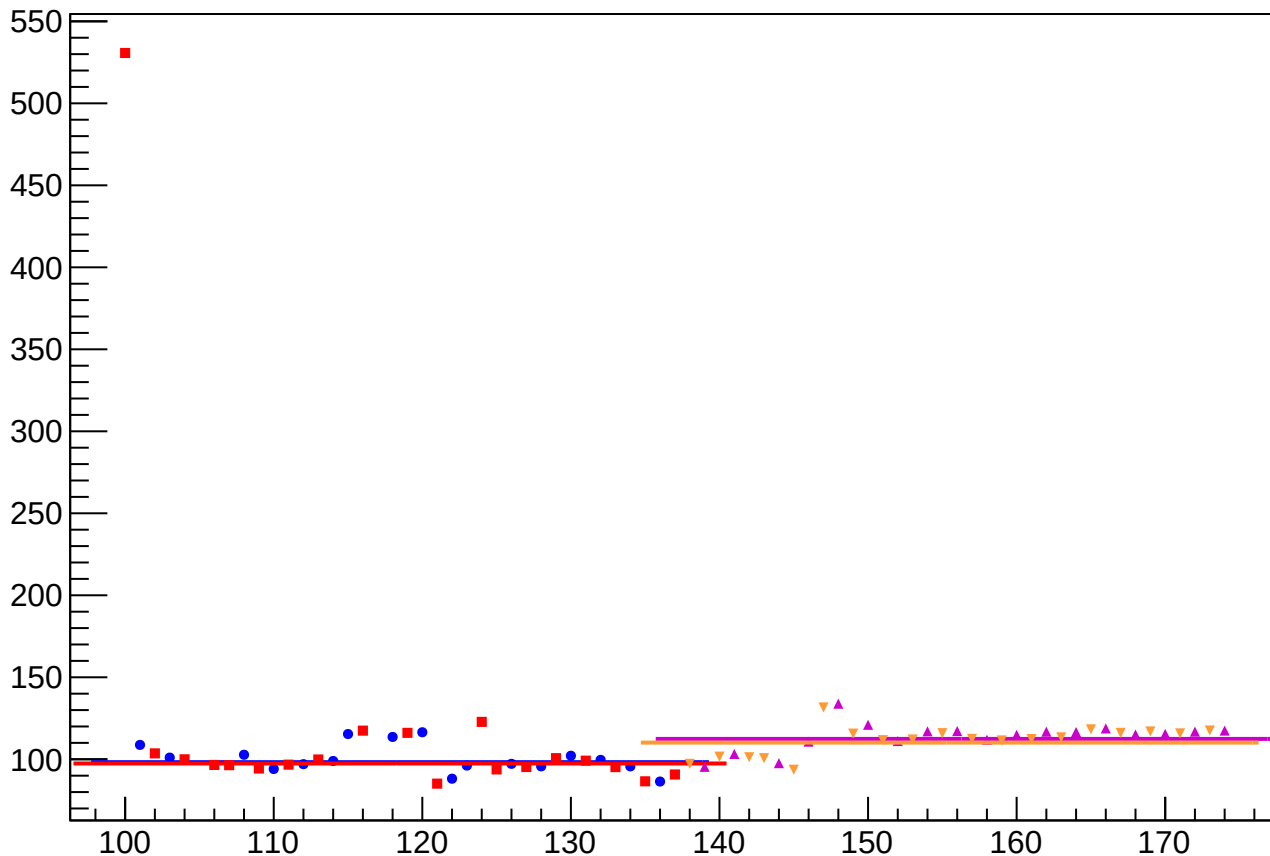
Out: 1138.936 $\pm$ 0.179 χ^2 /NDF: 2173286.4/37

All: 1142.204 $\pm$ 0.128 χ^2 /NDF: 4178124.4/72

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 110.171+/-0.021 χ^2/NDF : 182789.4/18

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 112.421+/-0.021 χ^2/NDF : 174475.1/17

Left: 111.266+/-0.015 χ^2/NDF : 363063.9/36

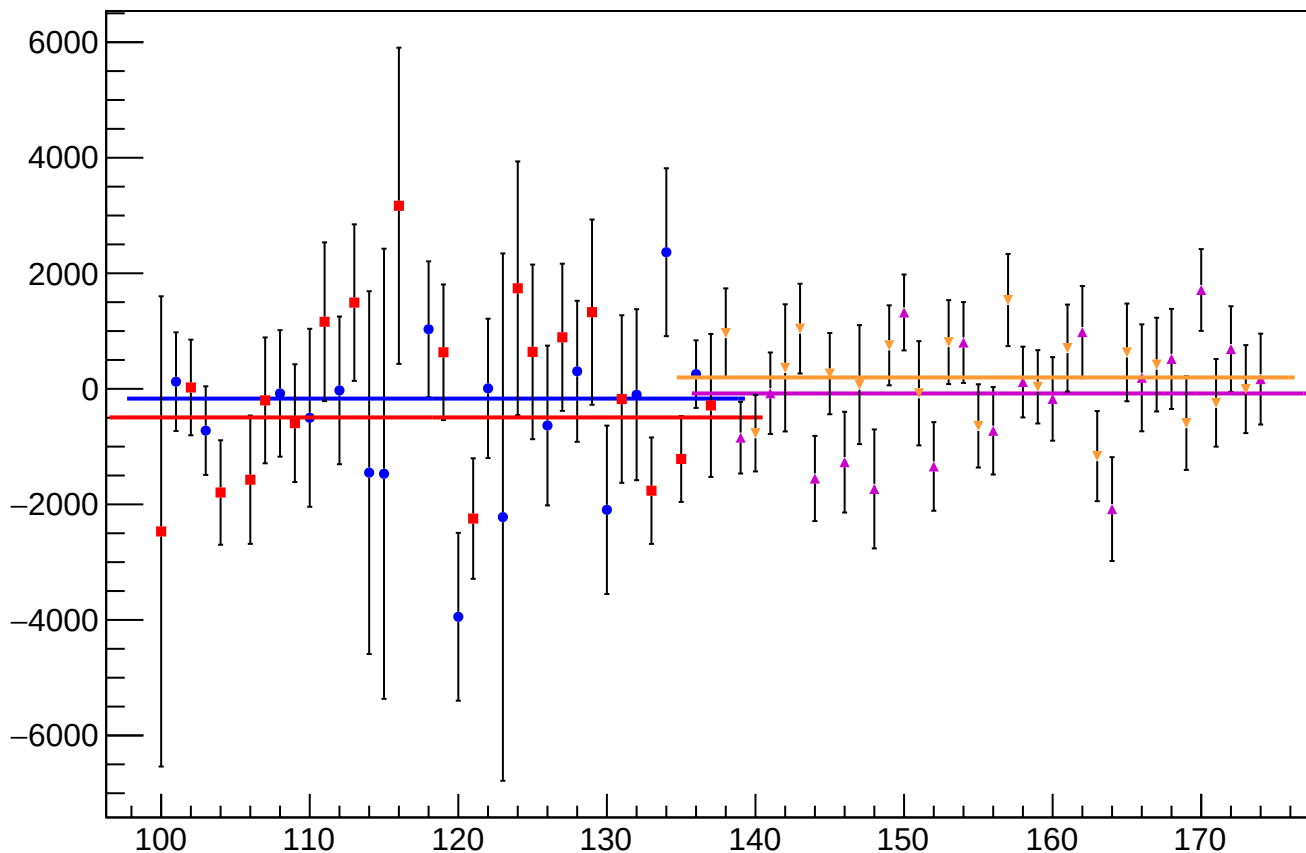
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 106.986+/-0.017 χ^2/NDF : 447283.9/34

Out: 105.250+/-0.016 χ^2/NDF : 520430.3/37

All: 106.092+/-0.012 χ^2/NDF : 973328.2/72

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: 196.736 $\pm$ 177.028 χ^2 /NDF:15.2/18

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -80.038 $\pm$ 177.262 χ^2 /NDF:34.5/17

Left: 58.532 $\pm$ 125.261 χ^2 /NDF: 51.0/36

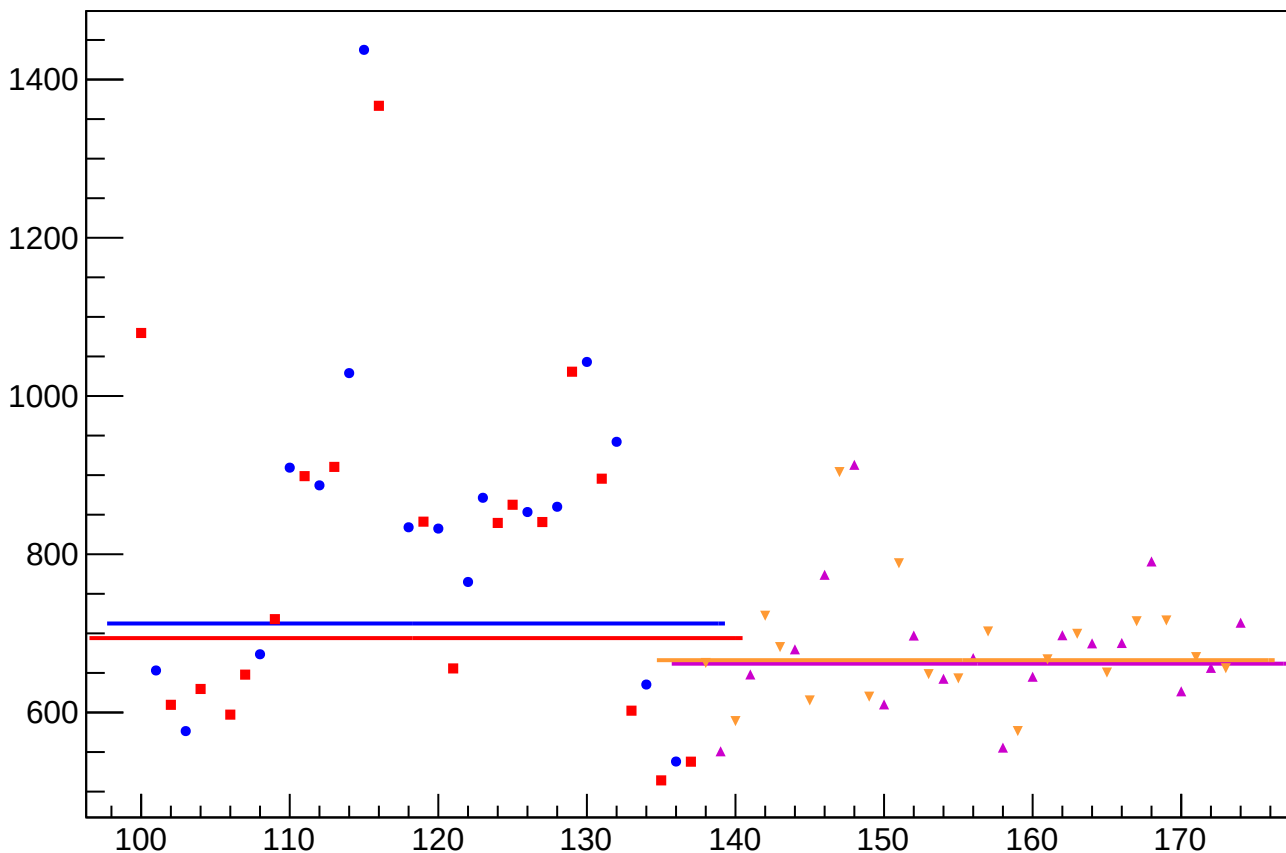
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -105.155 $\pm$ 150.102 χ^2 /NDF:49.2/34

Out: -13.984 $\pm$ 147.616 χ^2 /NDF:39.7/37

All: -58.808 $\pm$ 105.248 χ^2 /NDF: 89.1/72

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2 /NDF: 660520.6/16

Left Out: 666.116 $\pm$ 0.125 χ^2 /NDF: 263085.1/18

Right Out: 694.014 $\pm$ 0.189 χ^2 /NDF: 674989.2/18

Left In: 661.689 $\pm$ 0.125 χ^2 /NDF: 362645.6/17

Left: 663.906 $\pm$ 0.089 χ^2 /NDF: 626355.1/36

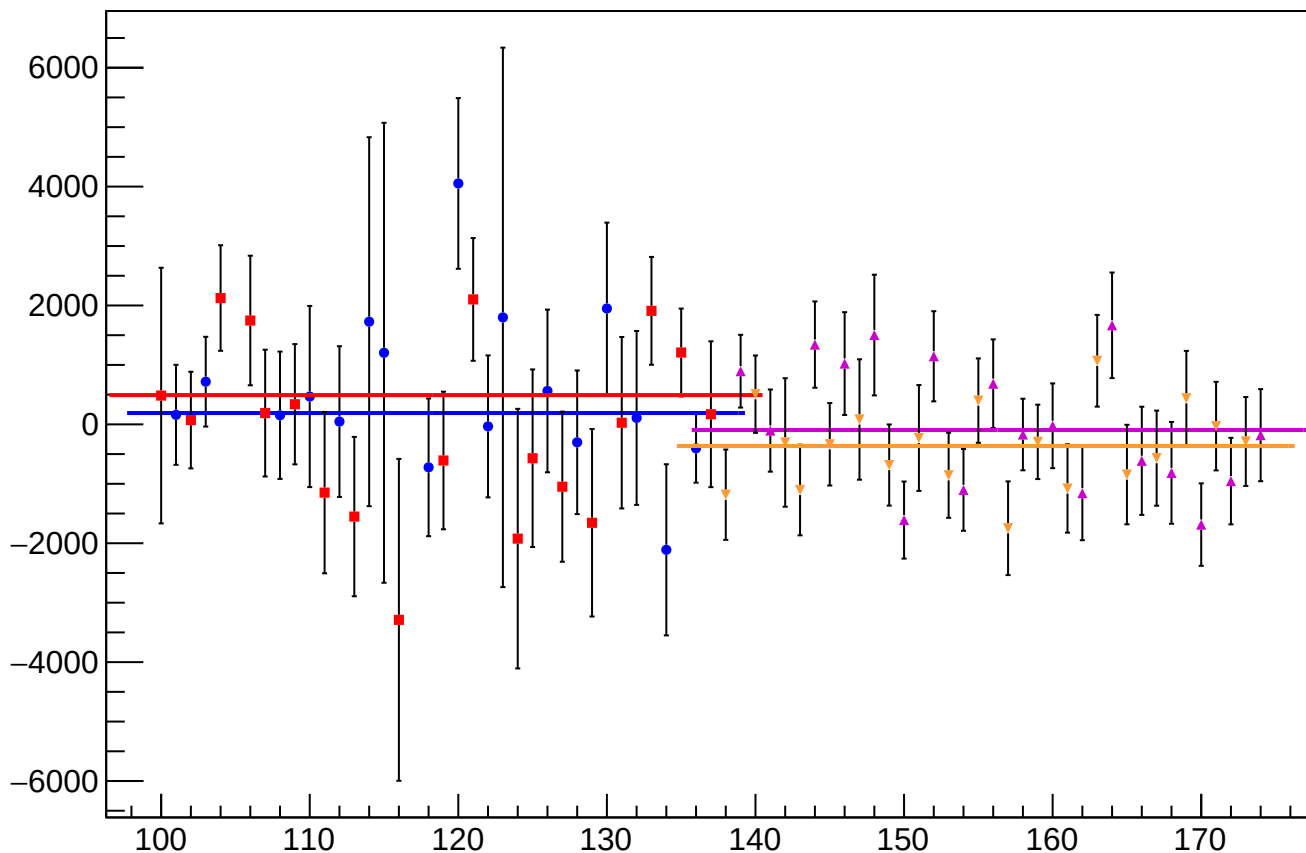
Right: 702.750 $\pm$ 0.137 χ^2 /NDF: 1340019.7/35

In: 676.060 $\pm$ 0.106 χ^2 /NDF: 1069620.0/34

Out: 674.616 $\pm$ 0.104 χ^2 /NDF: 953208.3/37

All: 675.326 $\pm$ 0.074 χ^2 /NDF: 2022922.4/72

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -363.536 $\pm$ 174.419 χ^2 /NDF:15.1/18

Right Out: 492.659 $\pm$ 262.648 χ^2 /NDF: 22.8/18

Left In: -94.963 $\pm$ 174.603 χ^2 /NDF:35.5/17

Left: -229.391 $\pm$ 123.398 χ^2 /NDF: 51.8/36

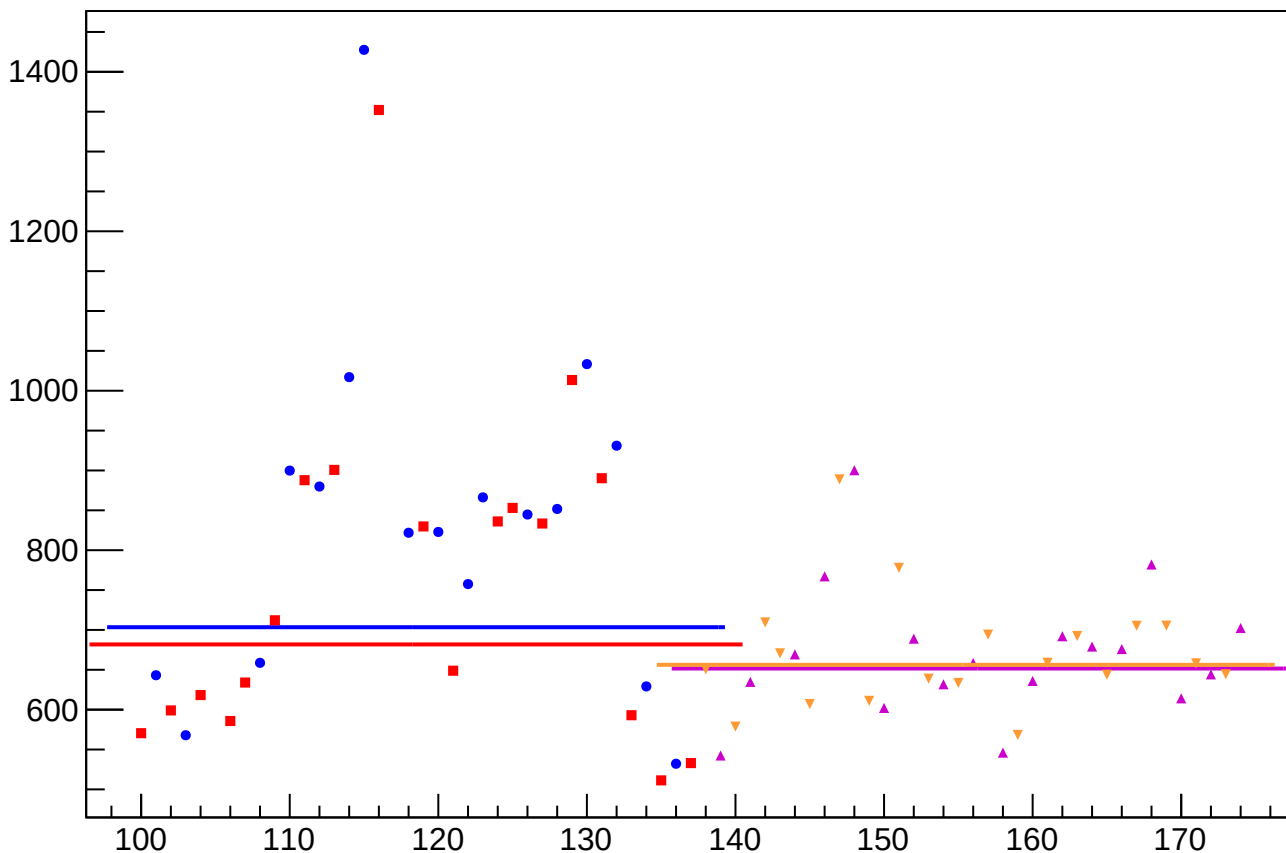
Right: 350.694 $\pm$ 191.134 χ^2 /NDF: 37.6/35

In: -14.382 $\pm$ 147.959 χ^2 /NDF:50.5/34

Out: -101.507 $\pm$ 145.299 χ^2 /NDF:45.2/37

All: -58.735 $\pm$ 103.670 χ^2 /NDF: 95.9/72

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 656.212 $\pm$ 0.123 χ^2 /NDF: 263519.8/18

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 651.585 $\pm$ 0.123 χ^2 /NDF: 372086.3/17

Left: 653.901 $\pm$ 0.087 χ^2 /NDF: 636308.9/36

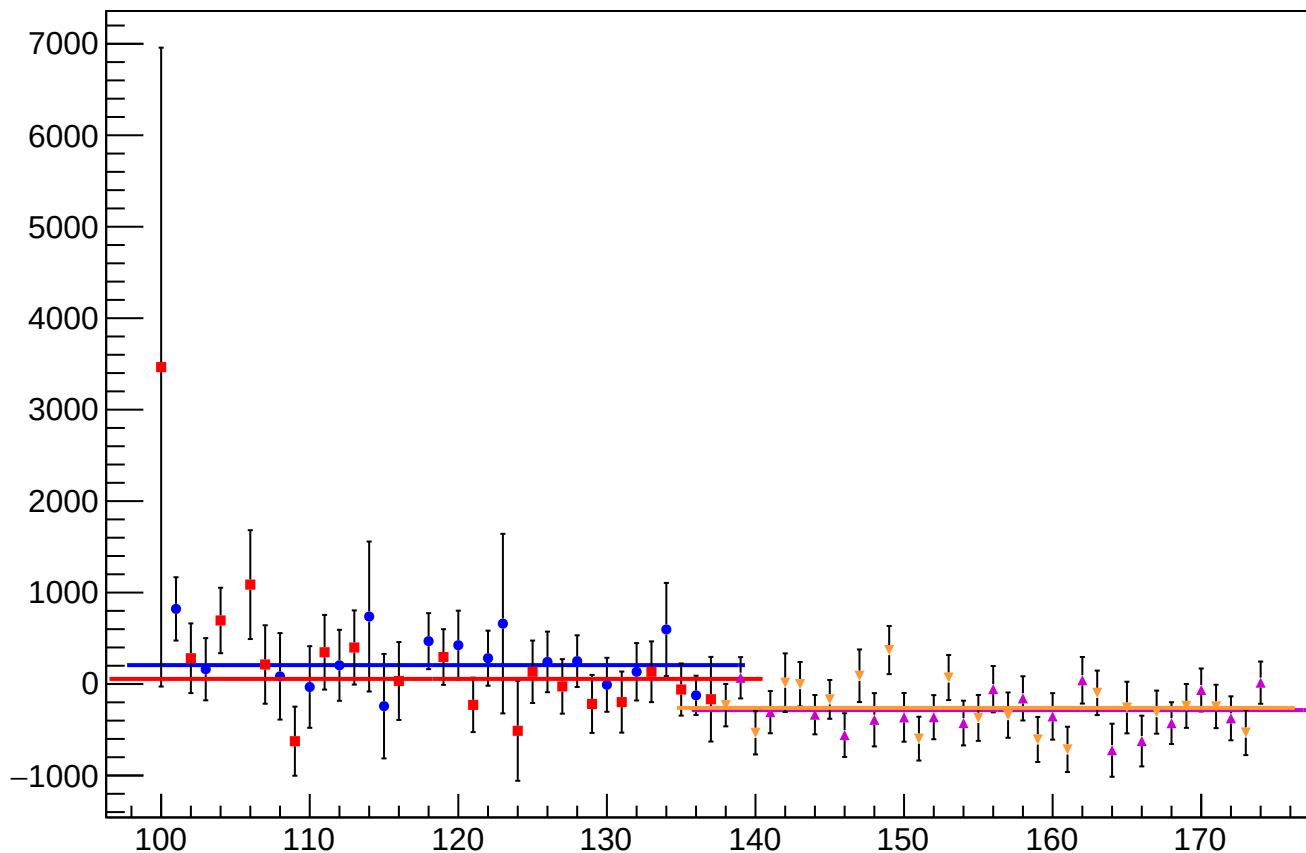
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 666.194 $\pm$ 0.105 χ^2 /NDF: 1088635.5/34

Out: 664.045 $\pm$ 0.103 χ^2 /NDF: 941498.2/37

All: 665.100 $\pm$ 0.073 χ^2 /NDF: 2030348.6/72

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -261.044 $\pm$ 56.810 χ^2 /NDF:21.8/18

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -284.809 $\pm$ 57.794 χ^2 /NDF:14.2/17

Left: -272.723 $\pm$ 40.514 χ^2 /NDF: 36.0/36

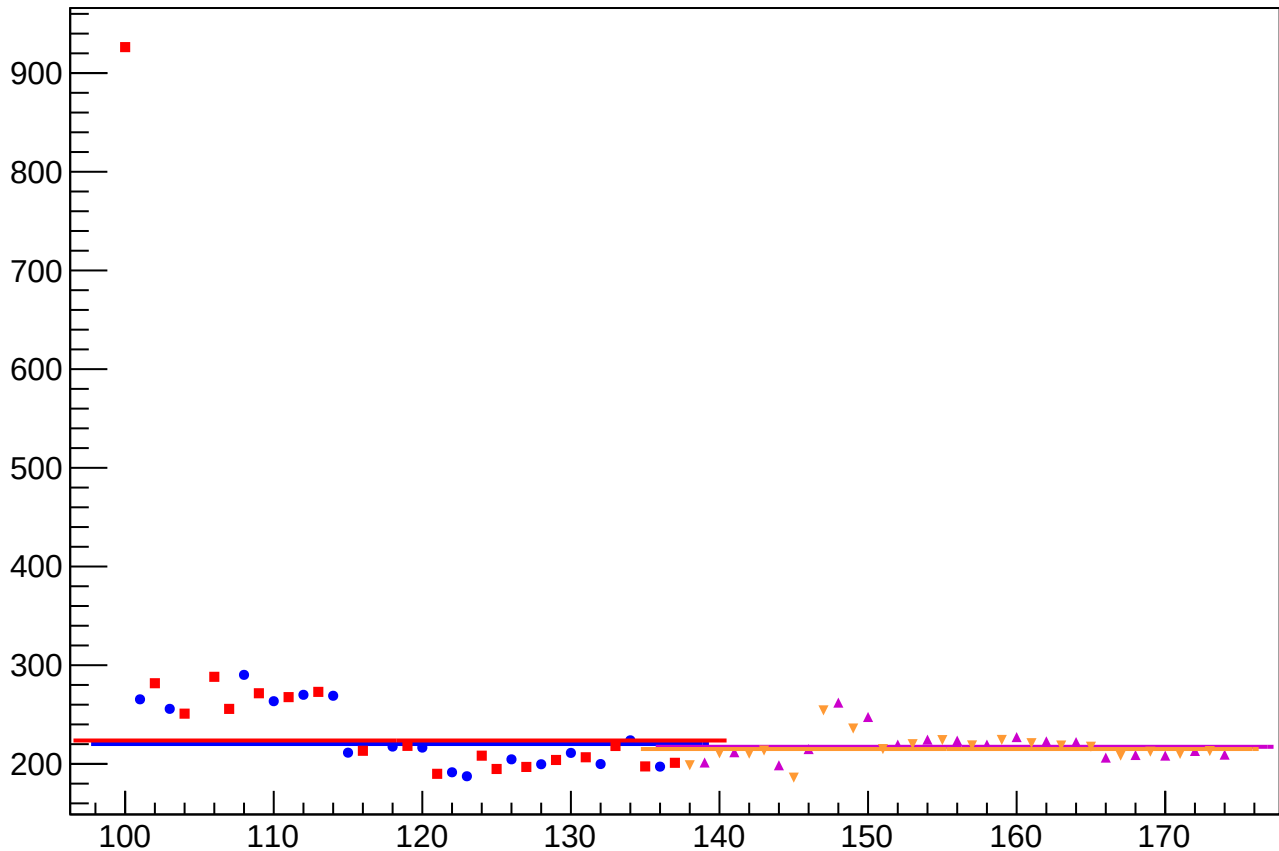
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -130.934 $\pm$ 47.904 χ^2 /NDF:46.3/34

Out: -163.349 $\pm$ 47.261 χ^2 /NDF:48.0/37

All: -147.361 $\pm$ 33.644 χ^2 /NDF: 94.5/72

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 215.062 $\pm$ 0.040 χ^2 /NDF: 109447.7/18

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.321 $\pm$ 0.041 χ^2 /NDF: 118963.5/17

Left: 216.172 $\pm$ 0.029 χ^2 /NDF: 229965.0/36

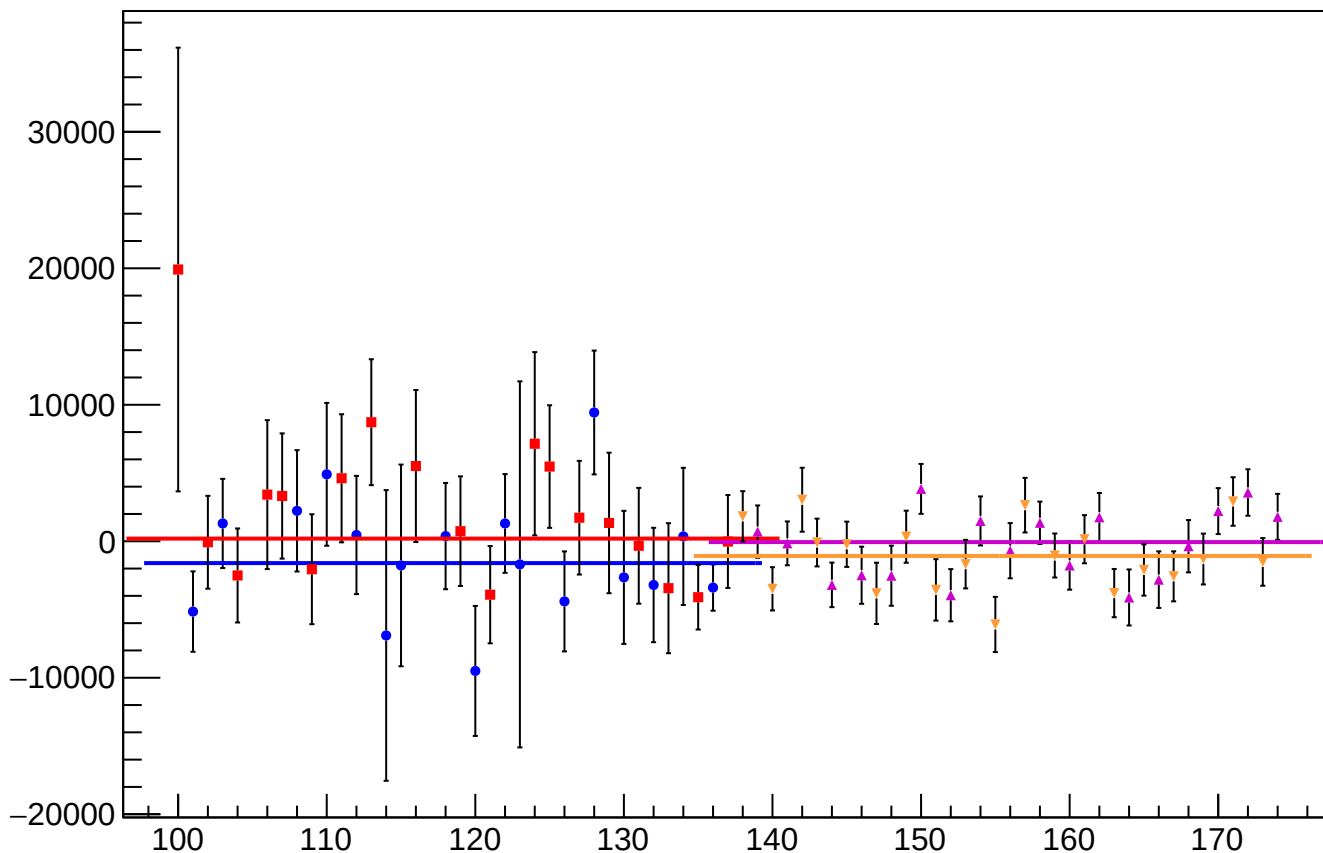
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.201 $\pm$ 0.034 χ^2 /NDF: 348888.6/34

Out: 217.724 $\pm$ 0.033 χ^2 /NDF: 476945.0/37

All: 217.959 $\pm$ 0.024 χ^2 /NDF: 825934.2/72

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2/NDF : 16.6/16

Left Out: -1077.572 $\pm$ 423.169 χ^2/NDF : 30.4/18

Right Out: 194.970 $\pm$ 947.480 χ^2/NDF : 16.3/18

Left In: -60.718 $\pm$ 428.913 χ^2/NDF : 32.1/17

Left: -575.999 $\pm$ 301.236 χ^2/NDF : 65.3/36

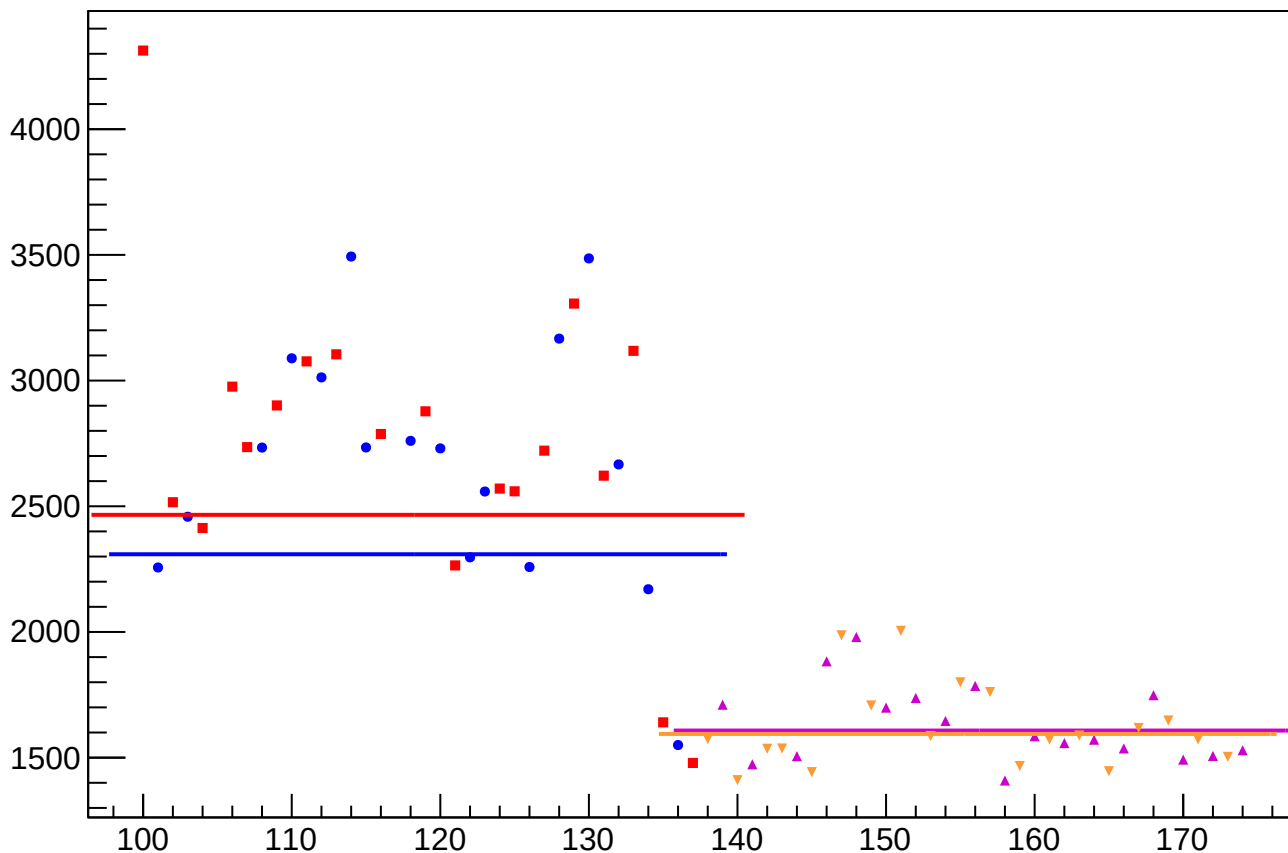
Right: -727.416 $\pm$ 660.424 χ^2/NDF : 34.8/35

In: -334.868 $\pm$ 388.820 χ^2/NDF : 51.0/34

Out: -865.946 $\pm$ 386.383 χ^2/NDF : 48.2/37

All: -602.076 $\pm$ 274.072 χ^2/NDF : 100.1/72

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1594.445 $\pm$ 0.299 χ^2 /NDF: 249599.6/18

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1607.817 $\pm$ 0.303 χ^2 /NDF: 218827.4/17

Left: 1601.041 $\pm$ 0.213 χ^2 /NDF: 469412.1/36

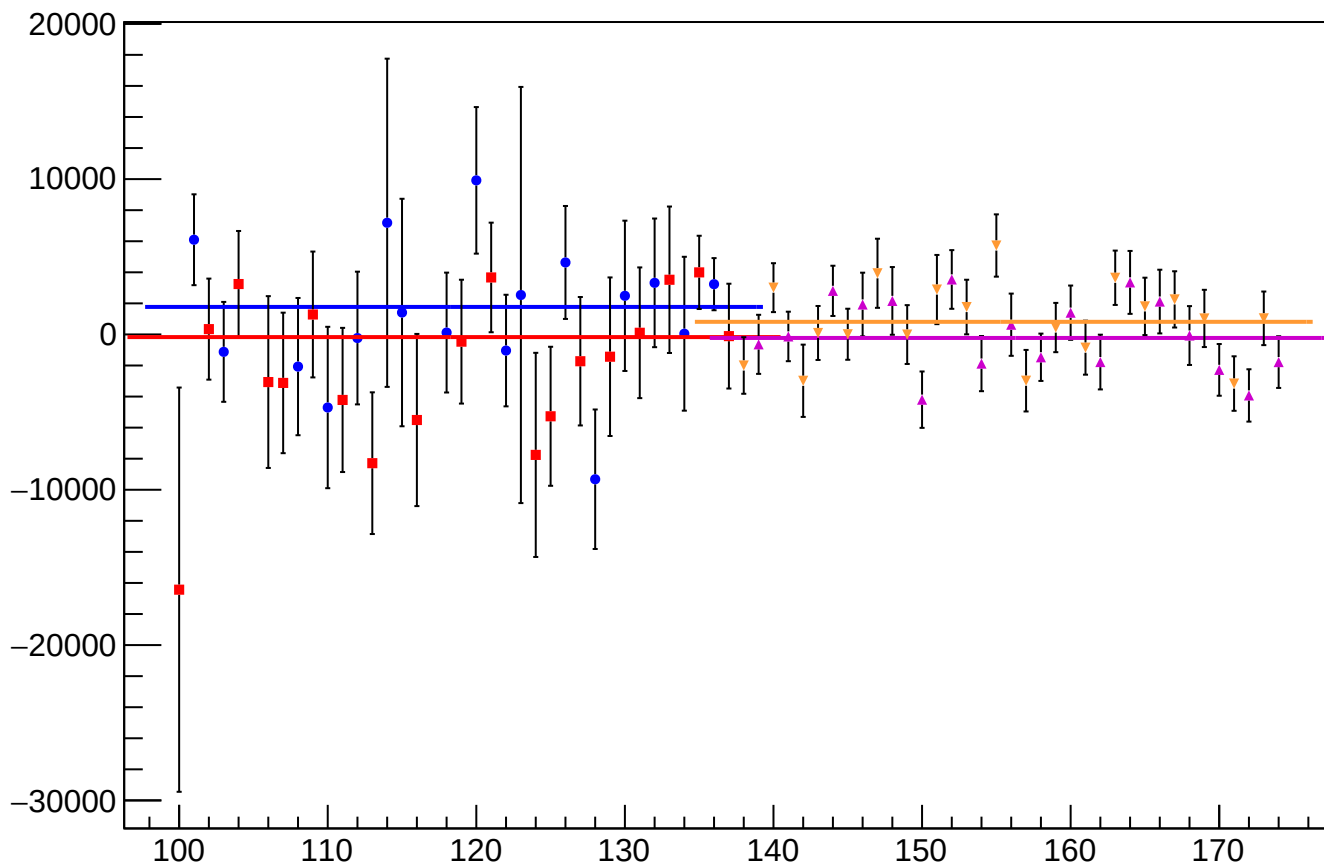
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1732.800 $\pm$ 0.275 χ^2 /NDF: 1972475.2/34

Out: 1739.369 $\pm$ 0.273 χ^2 /NDF: 2354235.2/37

All: 1736.105 $\pm$ 0.194 χ^2 /NDF: 4326997.6/72

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279 $\pm$ 912.328 χ^2/NDF : 17.3/16

Left Out: 812.286 $\pm$ 418.531 χ^2/NDF :30.1/18

Right Out: -170.902 $\pm$ 937.411 χ^2/NDF : 16.0/18

Left In: -226.458 $\pm$ 423.852 χ^2/NDF :29.6/17

Left: 299.476 $\pm$ 297.809 χ^2/NDF : 62.8/36

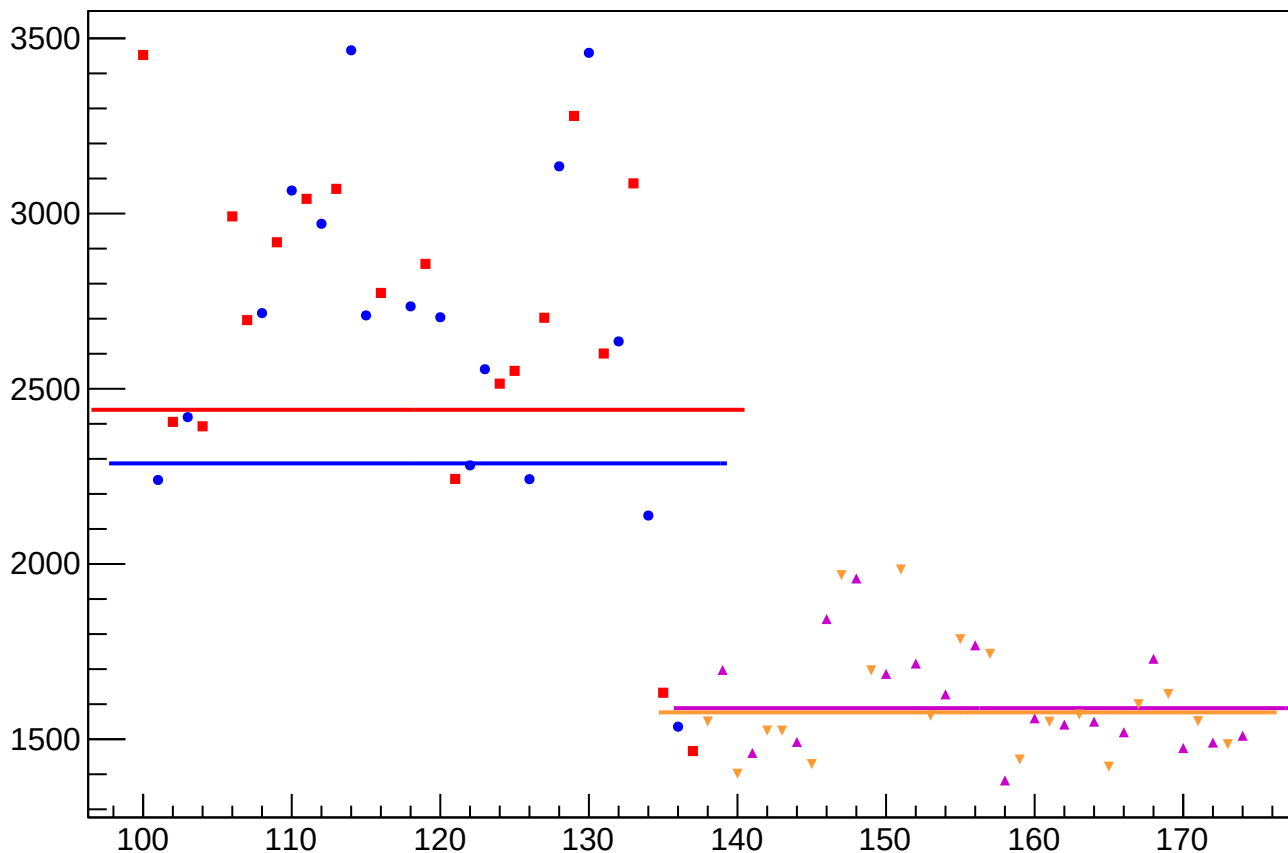
Right: 826.520 $\pm$ 653.801 χ^2/NDF : 35.6/35

In: 128.183 $\pm$ 384.394 χ^2/NDF :50.9/34

Out: 648.872 $\pm$ 382.170 χ^2/NDF :47.0/37

All: 390.039 $\pm$ 271.018 χ^2/NDF : 98.9/72

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1576.654+/-0.296 χ^2/NDF : 253768.1/18

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1588.678+/-0.300 χ^2/NDF : 220199.5/17

Left: 1582.590+/-0.211 χ^2/NDF : 474782.5/36

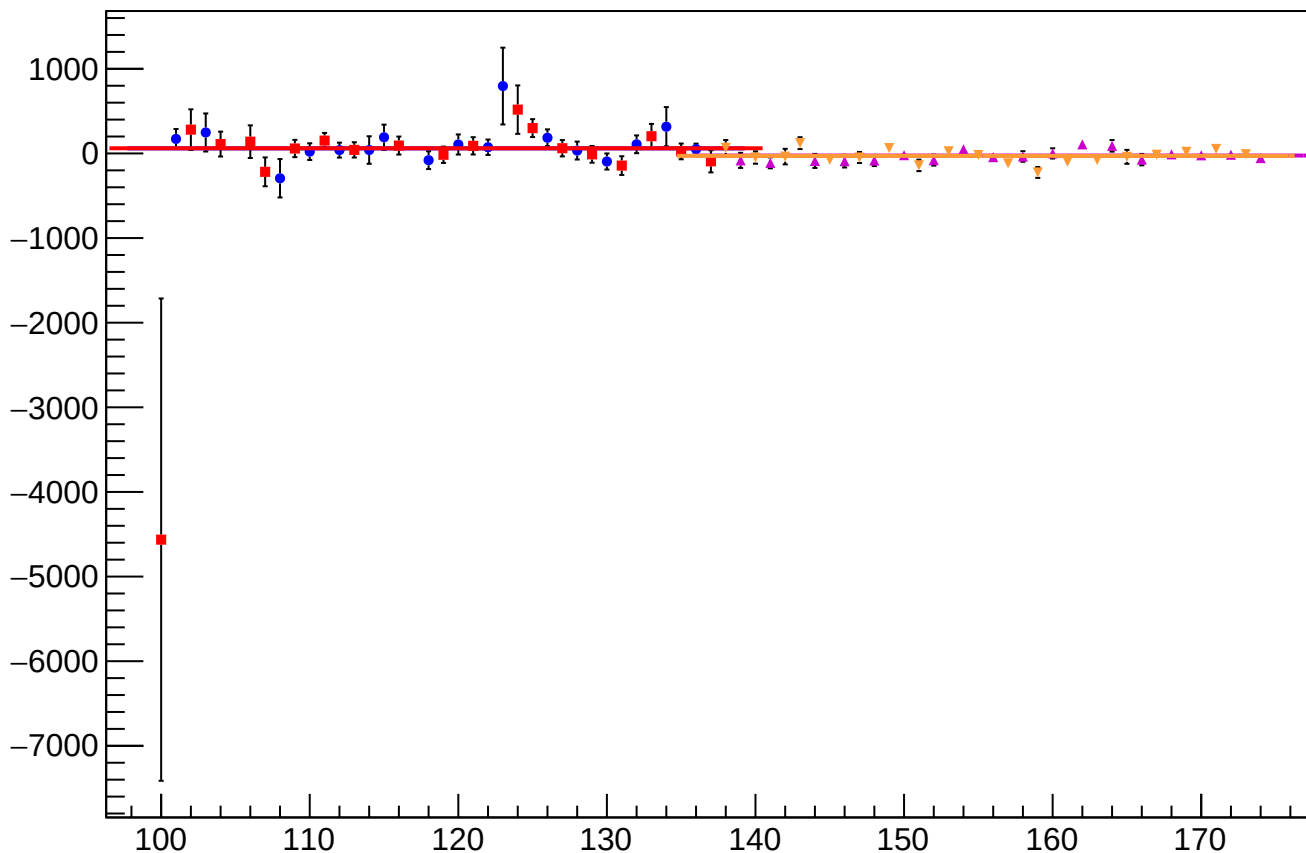
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1712.663+/-0.272 χ^2/NDF : 1983629.7/34

Out: 1720.160+/-0.270 χ^2/NDF : 2347580.3/37

All: 1716.433+/-0.192 χ^2/NDF : 4331592.5/72

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -28.724 $\pm$ 13.694 χ^2 /NDF:30.8/18

Right Out: 60.983 $\pm$ 27.009 χ^2 /NDF: 22.3/18

Left In: -24.863 $\pm$ 13.915 χ^2 /NDF:16.4/17

Left: -26.824 $\pm$ 9.760 χ^2 /NDF: 47.3/36

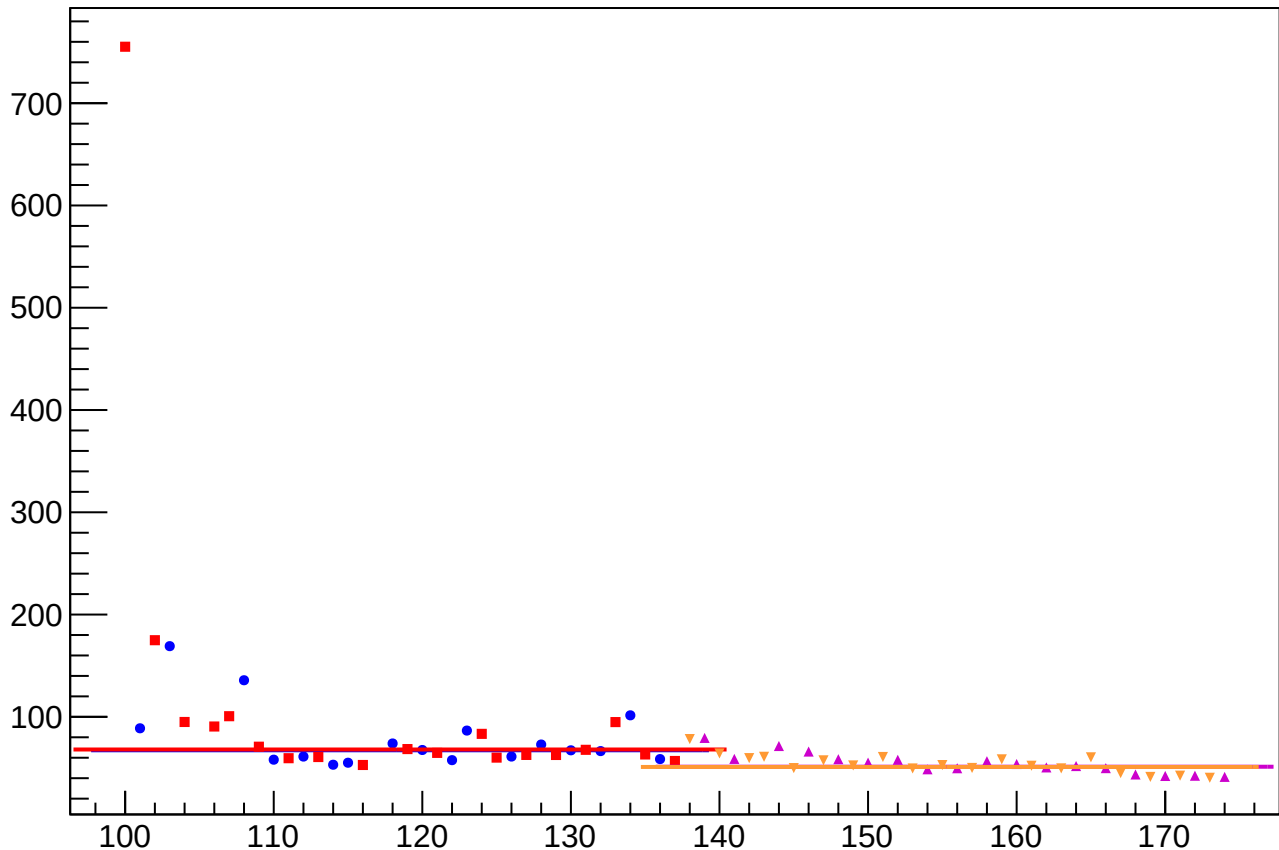
Right: 60.322 $\pm$ 19.123 χ^2 /NDF: 37.7/35

In: -7.209 $\pm$ 12.376 χ^2 /NDF:39.5/34

Out: -10.378 $\pm$ 12.214 χ^2 /NDF:61.9/37

All: -8.815 $\pm$ 8.693 χ^2 /NDF: 101.4/72

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 50.994 $\pm$ 0.010 χ^2 /NDF: 701135.4/18

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.214 $\pm$ 0.010 χ^2 /NDF: 791148.8/17

Left: 51.102 $\pm$ 0.007 χ^2 /NDF: 1492539.0/36

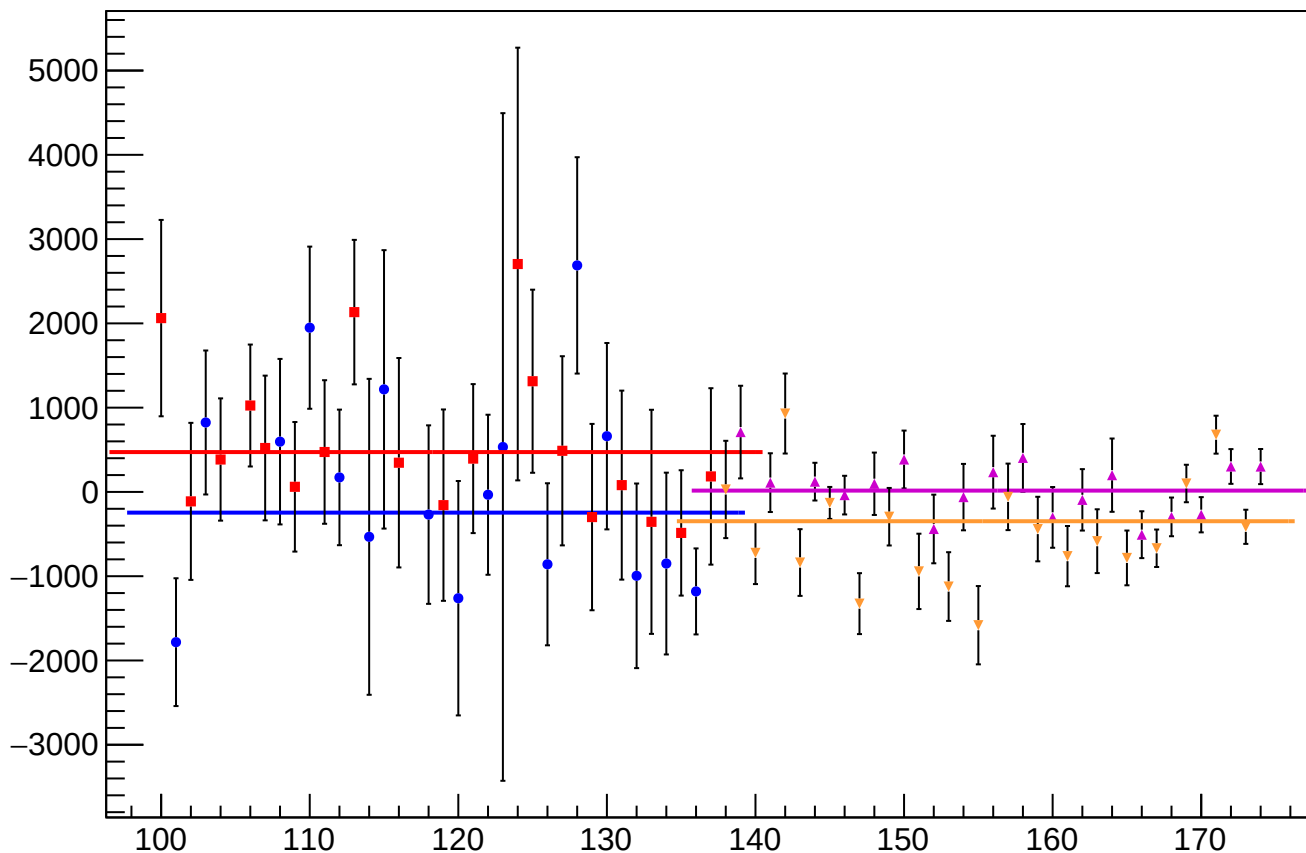
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.574 $\pm$ 0.009 χ^2 /NDF: 2190588.8/34

Out: 54.484 $\pm$ 0.009 χ^2 /NDF: 2206944.3/37

All: 54.528 $\pm$ 0.006 χ^2 /NDF: 4397586.4/72

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2/NDF : 23.8/16

Left Out: -347.561 $\pm$ 70.215 χ^2/NDF : 62.5/18

Right Out: 472.860 $\pm$ 218.823 χ^2/NDF : 11.3/18

Left In: 15.781 $\pm$ 68.642 χ^2/NDF : 17.8/17

Left: -161.775 $\pm$ 49.084 χ^2/NDF : 94.0/36

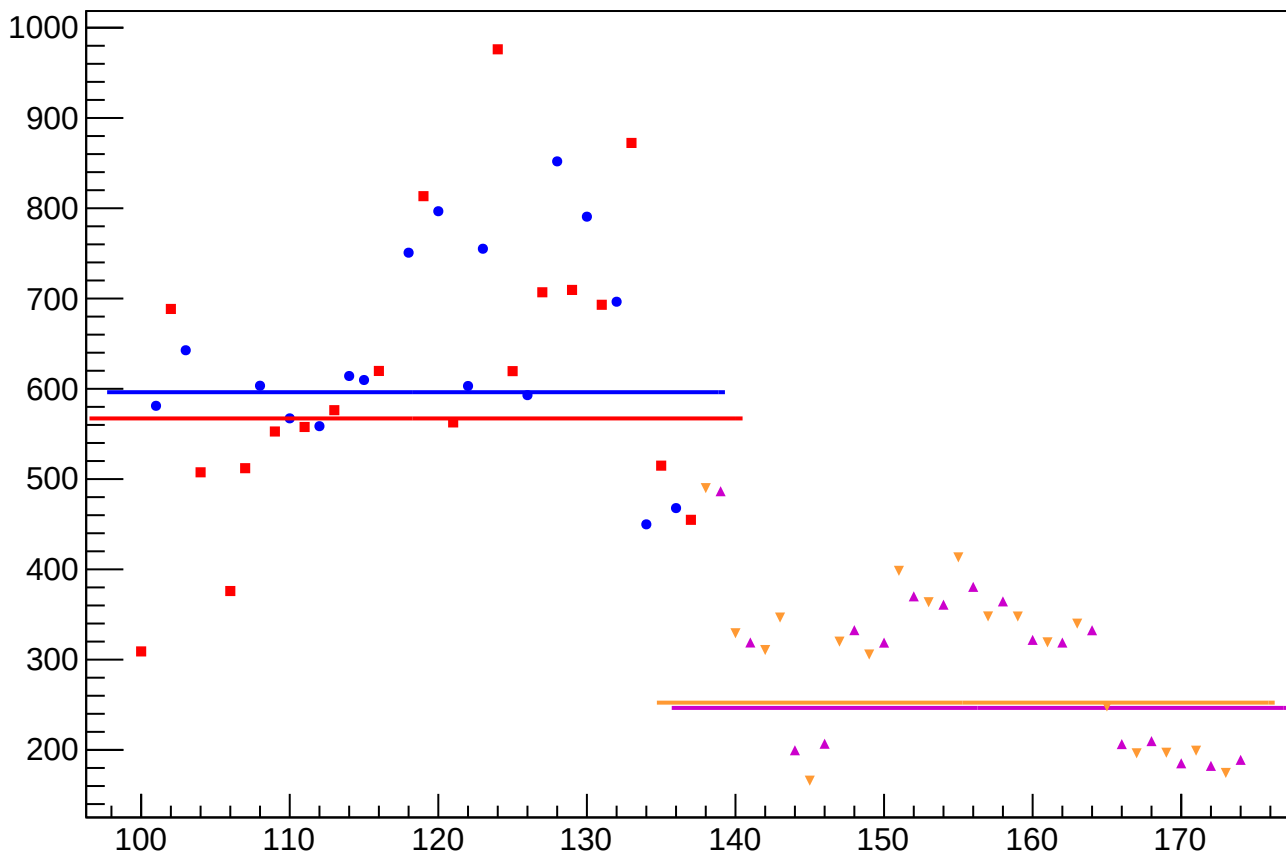
Right: 139.807 $\pm$ 160.273 χ^2/NDF : 40.1/35

In: -4.704 $\pm$ 65.898 χ^2/NDF : 42.6/34

Out: -270.975 $\pm$ 66.857 χ^2/NDF : 86.6/37

All: -135.915 $\pm$ 46.932 χ^2/NDF : 137.3/72

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 252.366 $\pm$ 0.050 χ^2 /NDF: 2781561.0/18

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 246.523 $\pm$ 0.049 χ^2 /NDF: 2387264.7/17

Left: 249.378 $\pm$ 0.035 χ^2 /NDF: 5175905.6/36

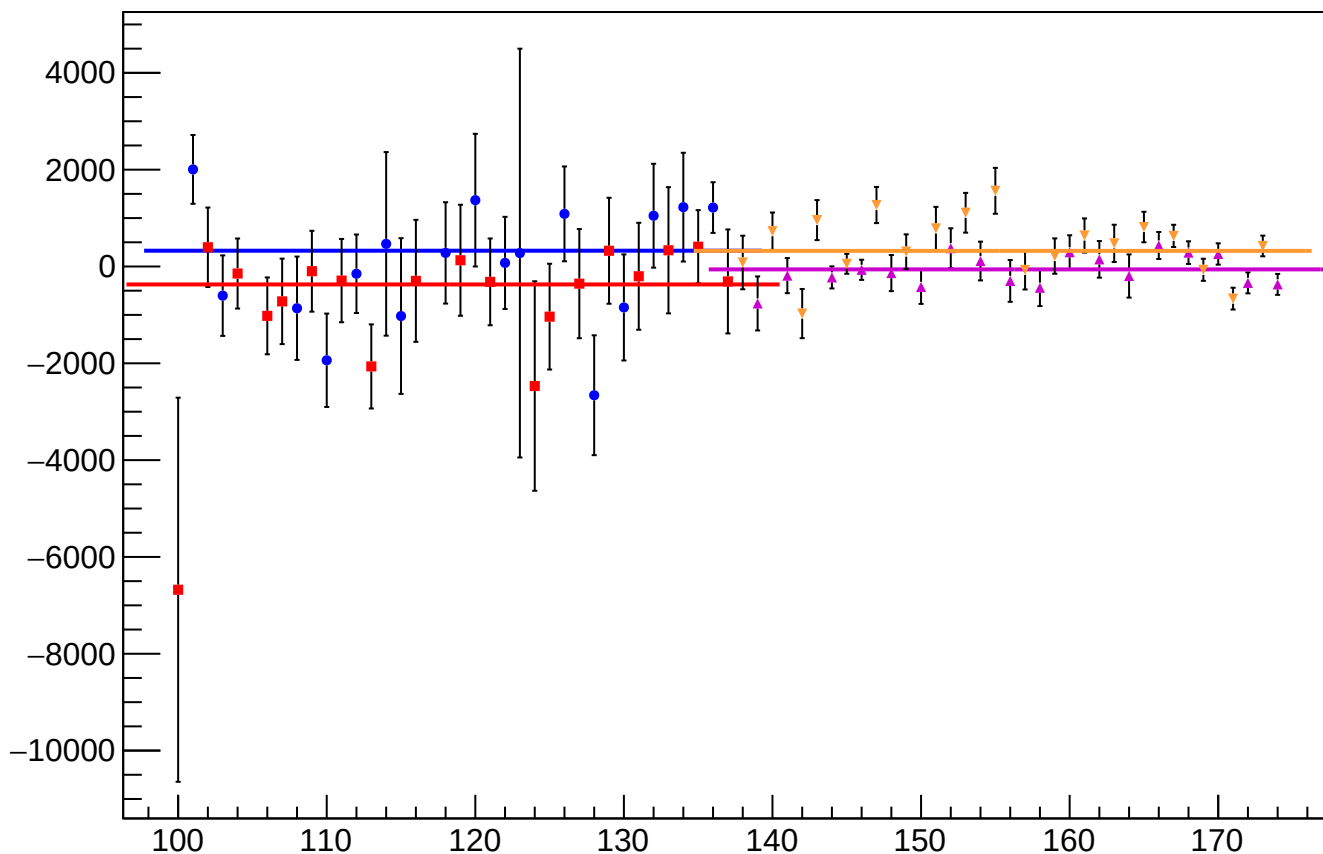
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 273.929 $\pm$ 0.047 χ^2 /NDF: 6877674.9/34

Out: 281.753 $\pm$ 0.047 χ^2 /NDF: 7209995.1/37

All: 277.784 $\pm$ 0.033 χ^2 /NDF: 14101563.6/72

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 χ^2/NDF : 26.9/16

Left Out: 322.388 ± 72.158 χ^2/NDF : 58.5/18

Right Out: -370.721 ± 224.892 χ^2/NDF : 11.5/18

Left In: -60.130 ± 69.410 χ^2/NDF : 18.5/17

Left: 123.707 ± 50.024 χ^2/NDF : 91.7/36

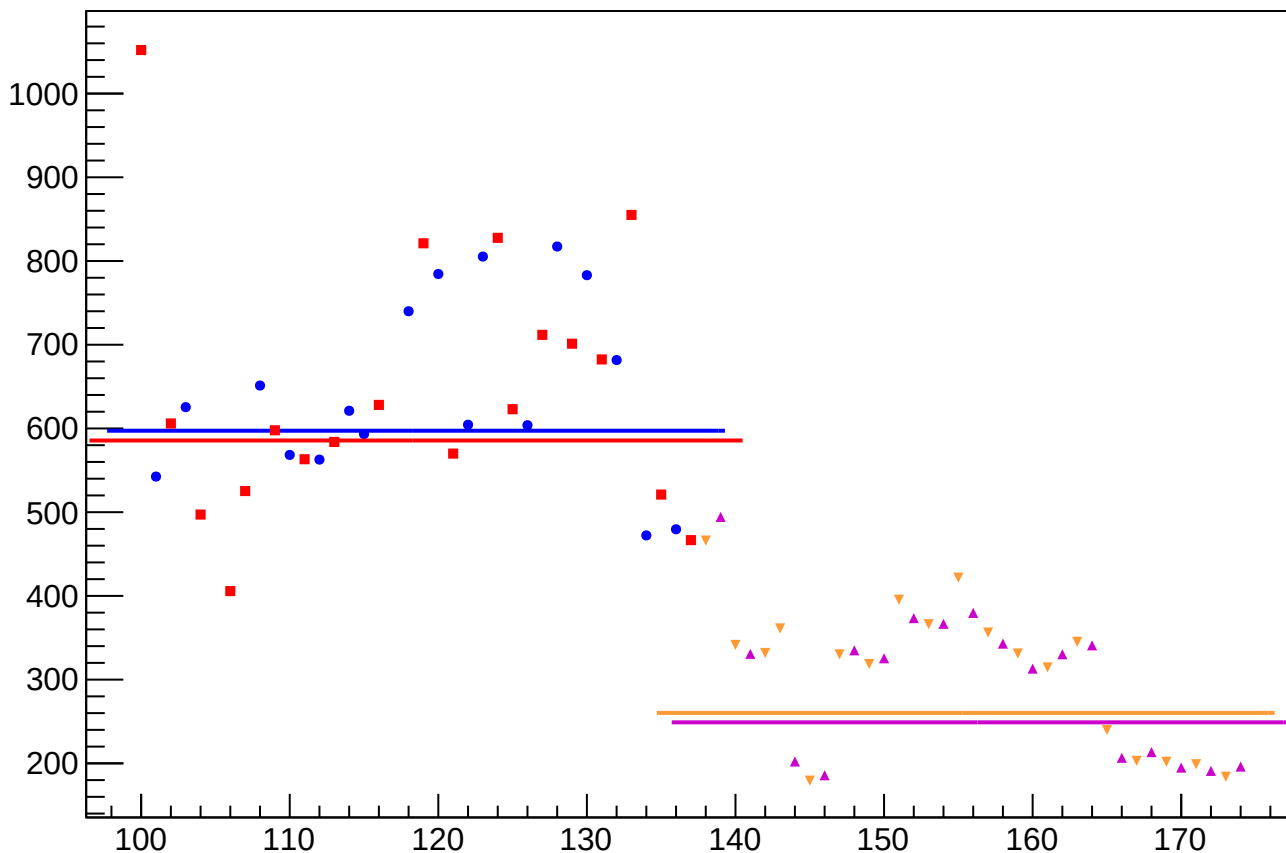
Right: -38.515 ± 162.676 χ^2/NDF : 43.0/35

In: -29.286 ± 66.581 χ^2/NDF : 47.9/34

Out: 257.693 ± 68.708 χ^2/NDF : 78.7/37

All: 109.693 ± 47.814 χ^2/NDF : 135.5/72

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 ± 0.167 χ^2/NDF : 363658.5/16

Left Out: 260.273 ± 0.051 χ^2/NDF : 2507198.7/18

Right Out: 585.615 ± 0.159 χ^2/NDF : 474610.2/18

Left In: 248.986 ± 0.049 χ^2/NDF : 2342048.8/17

Left: 254.411 ± 0.035 χ^2/NDF : 4874667.6/36

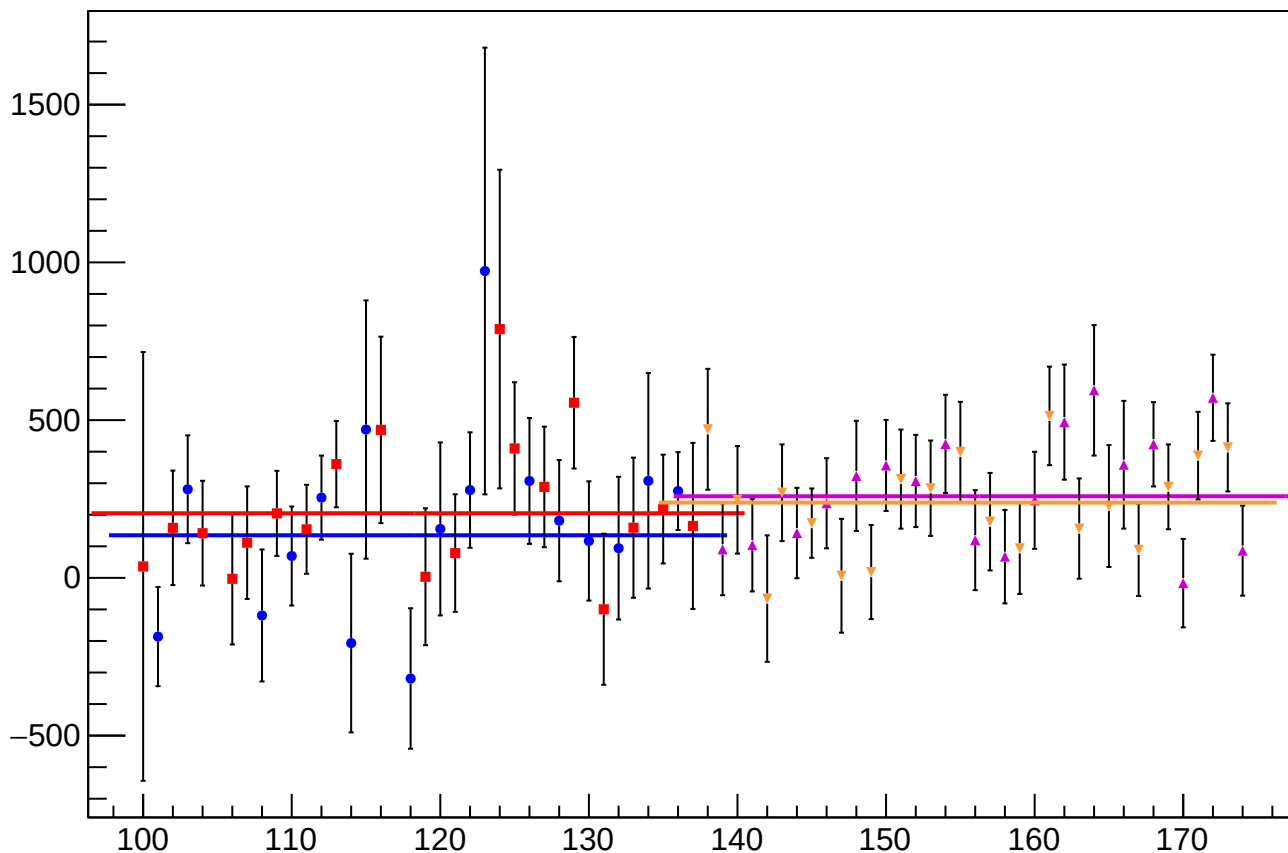
Right: 591.185 ± 0.115 χ^2/NDF : 840841.8/35

In: 276.803 ± 0.047 χ^2/NDF : 6727980.1/34

Out: 290.641 ± 0.049 χ^2/NDF : 6776763.0/37

All: 283.504 ± 0.034 χ^2/NDF : 13546578.2/72

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: 238.745 $\pm$ 35.062 χ^2 /NDF:17.8/18

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 258.717 $\pm$ 35.912 χ^2 /NDF:24.0/17

Left: 248.492 $\pm$ 25.088 χ^2 /NDF: 42.0/36

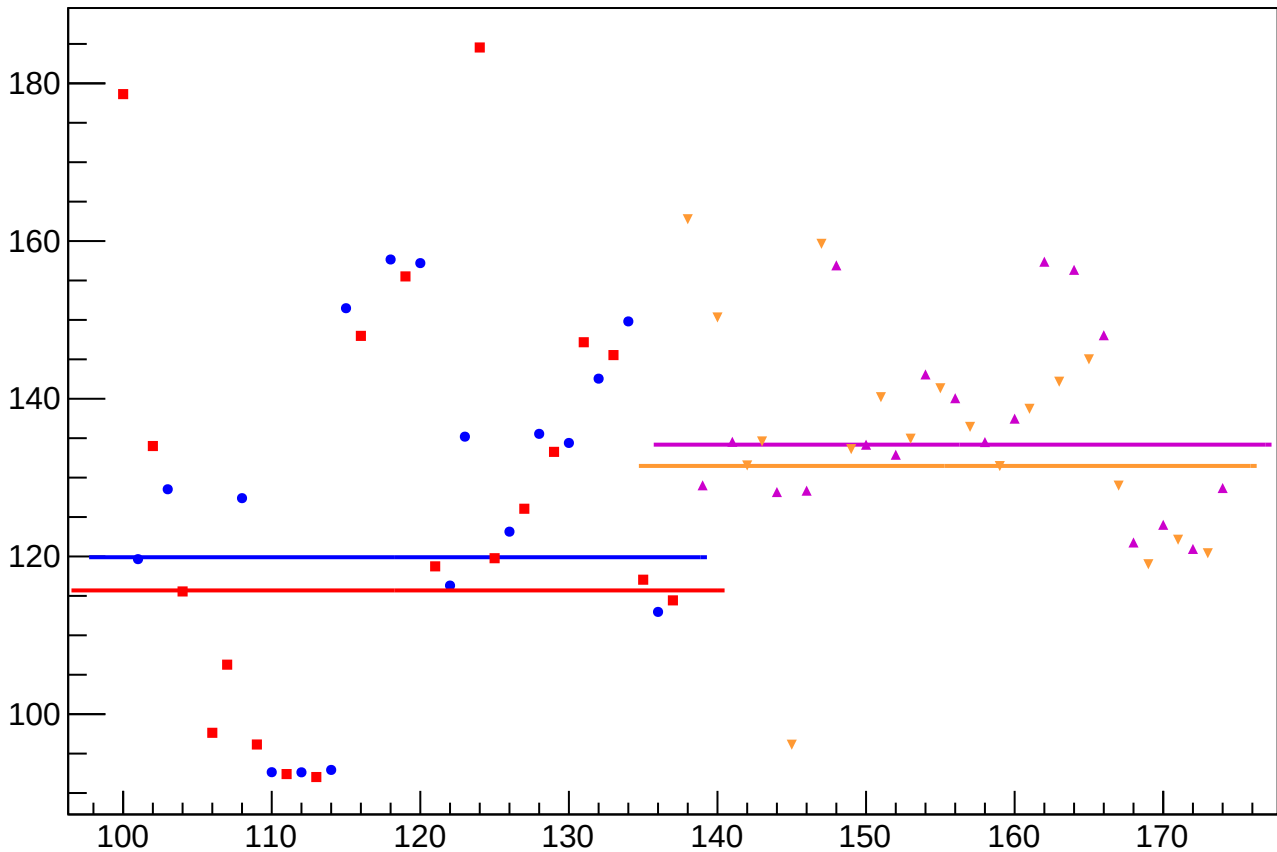
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 213.153 $\pm$ 28.541 χ^2 /NDF:46.4/34

Out: 225.747 $\pm$ 27.526 χ^2 /NDF:30.2/37

All: 219.678 $\pm$ 19.813 χ^2 /NDF: 76.8/72

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 131.481+/-0.025 χ^2/NDF : 413567.8/18

Right Out: 115.693+/-0.031 χ^2/NDF : 435335.9/18

Left In: 134.180+/-0.025 χ^2/NDF : 167909.9/17

Left: 132.798+/-0.018 χ^2/NDF : 587257.6/36

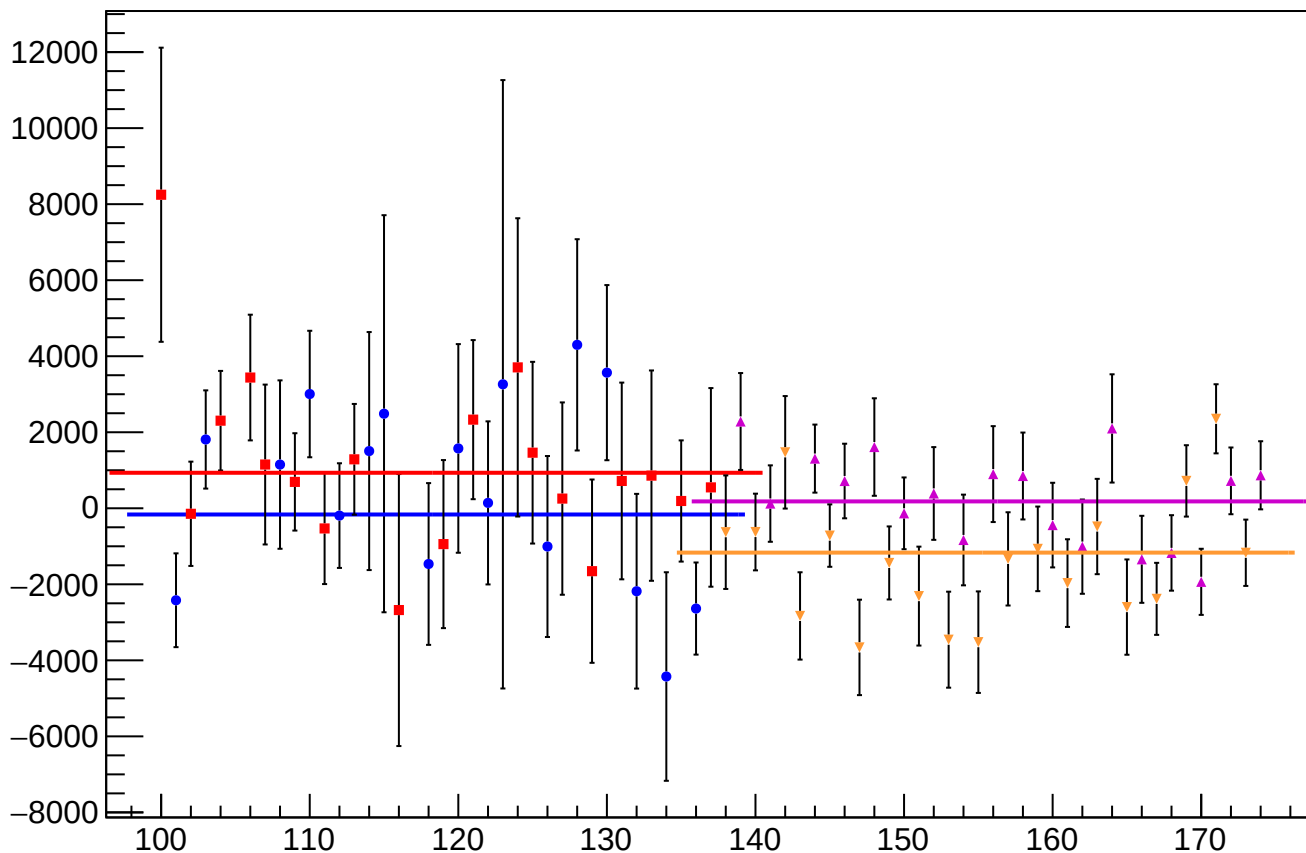
Right: 117.679+/-0.023 χ^2/NDF : 789317.7/35

In: 128.921+/-0.020 χ^2/NDF : 629850.0/34

Out: 125.424+/-0.019 χ^2/NDF : 1004503.5/37

All: 127.109+/-0.014 χ^2/NDF : 1649905.7/72

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538 $\pm$ 469.592 χ^2 /NDF: 23.7/16

Left Out: -1166.241 $\pm$ 250.802 χ^2 /NDF:40.0/18

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 180.660 $\pm$ 250.116 χ^2 /NDF:21.0/17

Left: -490.946 $\pm$ 177.100 χ^2 /NDF: 75.4/36

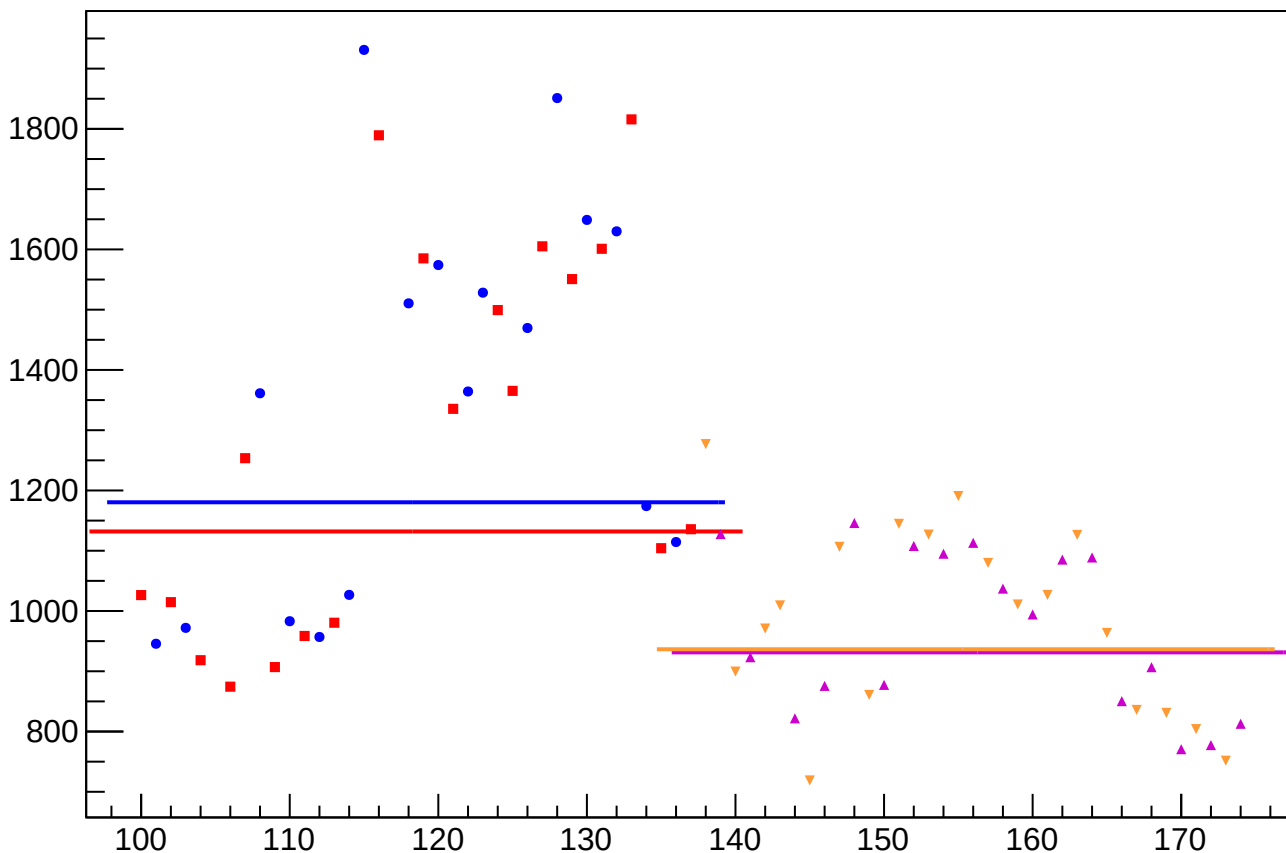
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 104.594 $\pm$ 220.755 χ^2 /NDF:45.1/34

Out: -647.026 $\pm$ 217.603 χ^2 /NDF:70.2/37

All: -276.621 $\pm$ 154.971 χ^2 /NDF: 121.2/72

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2 /NDF: 668845.5/16

Left Out: 936.511 $\pm$ 0.177 χ^2 /NDF: 750110.9/18

Right Out: 1131.979 $\pm$ 0.309 χ^2 /NDF: 761904.0/18

Left In: 931.338 $\pm$ 0.177 χ^2 /NDF: 522310.8/17

Left: 933.918 $\pm$ 0.125 χ^2 /NDF: 1272848.2/36

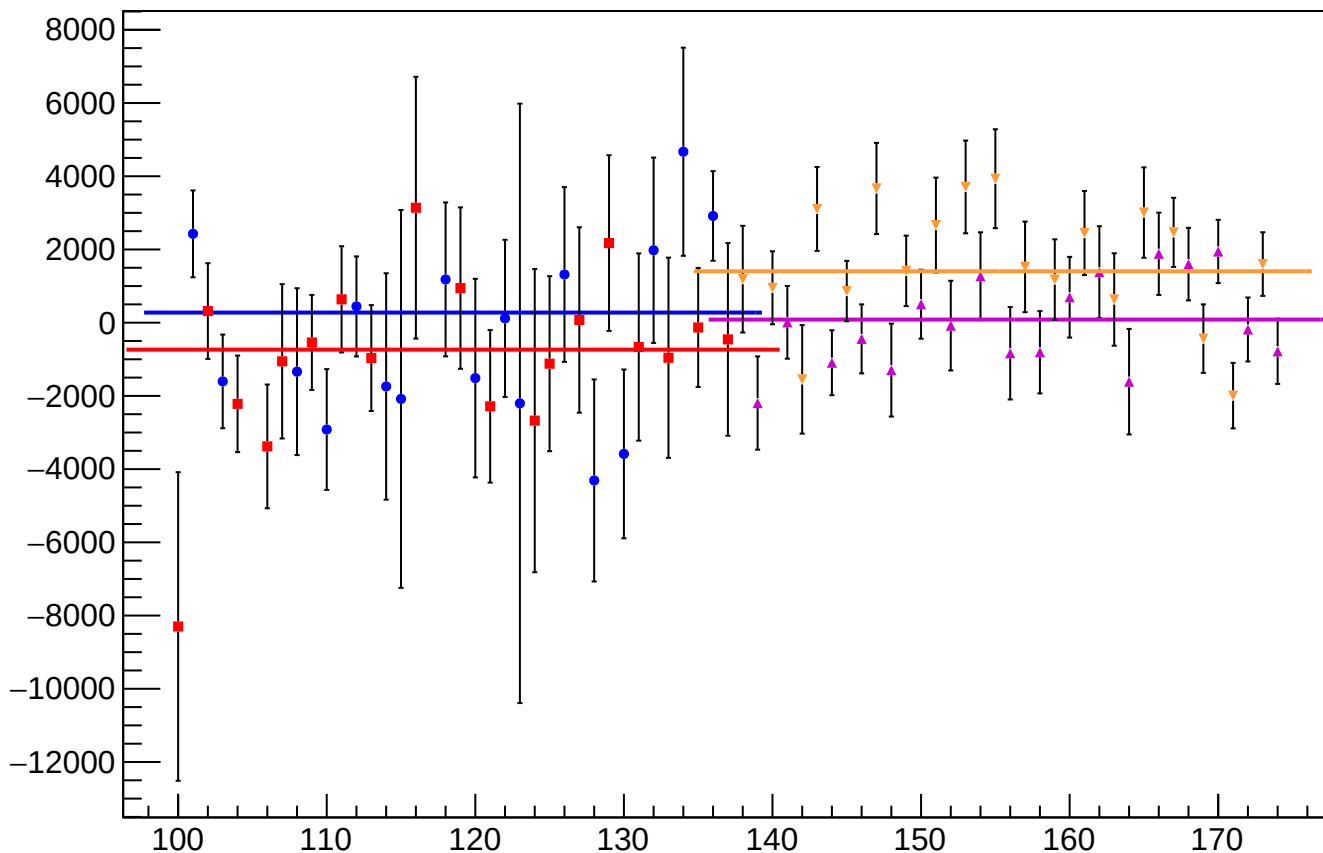
Right: 1154.488 $\pm$ 0.226 χ^2 /NDF: 1442131.1/35

In: 986.380 $\pm$ 0.156 χ^2 /NDF: 1629439.1/34

Out: 984.834 $\pm$ 0.154 χ^2 /NDF: 1812344.2/37

All: 985.596 $\pm$ 0.110 χ^2 /NDF: 3441833.1/72

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2/NDF : 24.3/16

Left Out: 1404.431 $\pm$ 249.841 χ^2/NDF : 40.4/18

Right Out: -736.749 $\pm$ 437.448 χ^2/NDF : 12.8/18

Left In: 84.590 $\pm$ 248.341 χ^2/NDF : 22.1/17

Left: 740.537 $\pm$ 176.131 χ^2/NDF : 76.6/36

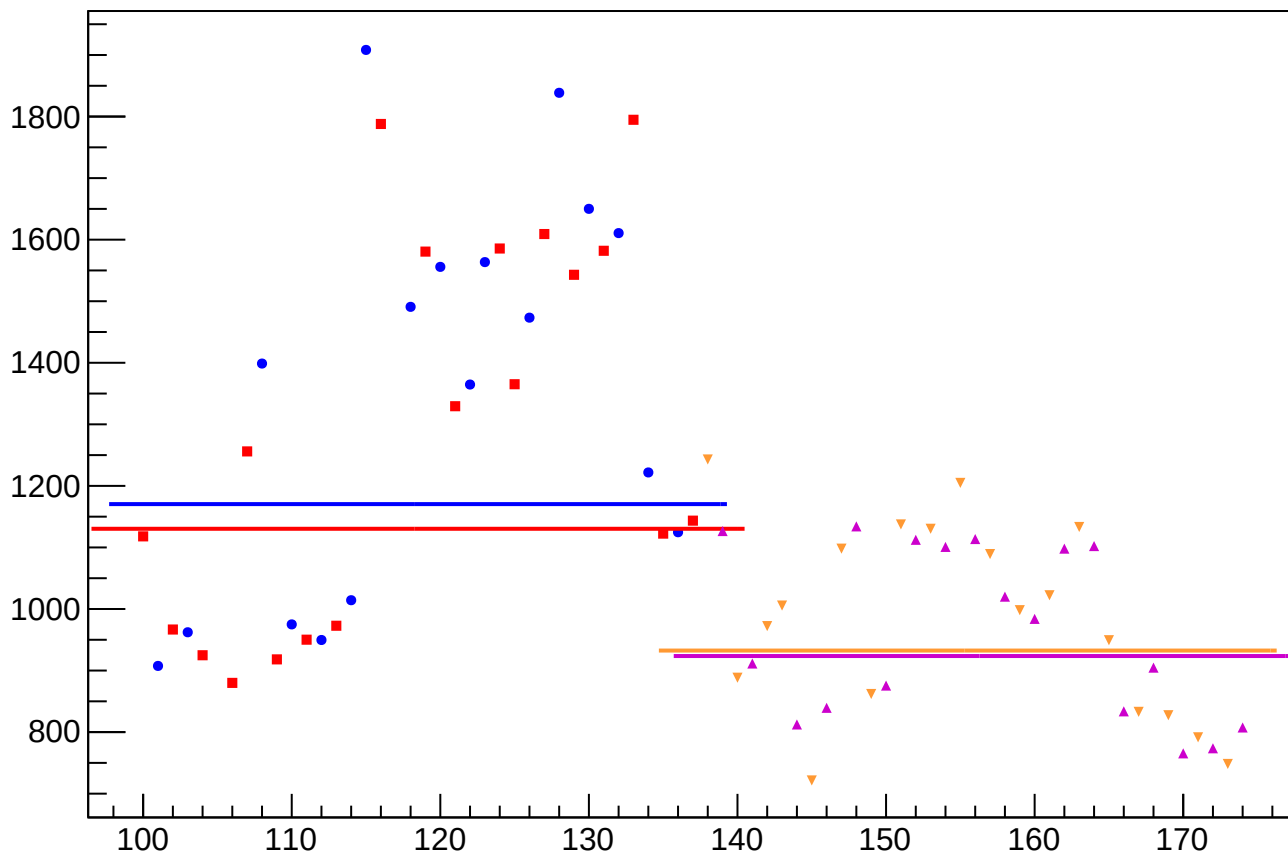
Right: -262.610 $\pm$ 319.075 χ^2/NDF : 39.7/35

In: 126.960 $\pm$ 219.206 χ^2/NDF : 46.6/34

Out: 877.784 $\pm$ 216.950 χ^2/NDF : 71.3/37

All: 506.255 $\pm$ 154.198 χ^2/NDF : 123.8/72

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 932.484 $\pm$ 0.177 χ^2/NDF : 751093.1/18

Right Out: 1130.322 $\pm$ 0.309 χ^2/NDF : 763044.5/18

Left In: 923.582 $\pm$ 0.176 χ^2/NDF : 558687.9/17

Left: 928.006 $\pm$ 0.125 χ^2/NDF : 1311058.3/36

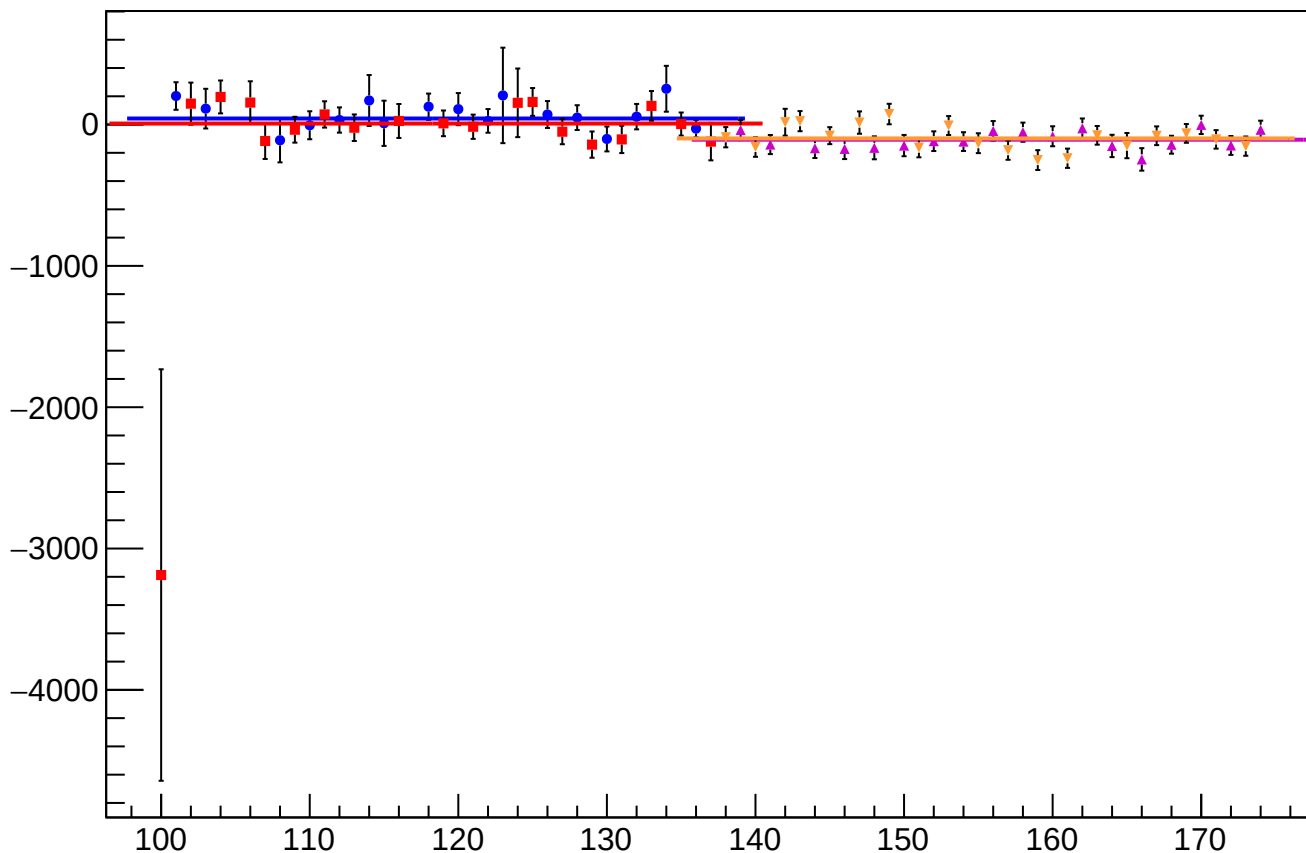
Right: 1149.080 $\pm$ 0.226 χ^2/NDF : 1476389.1/35

In: 978.098 $\pm$ 0.155 χ^2/NDF : 1700535.3/34

Out: 981.145 $\pm$ 0.153 χ^2/NDF : 1822591.5/37

All: 979.637 $\pm$ 0.109 χ^2/NDF : 3523321.9/72

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 42.674 ± 24.701 $\chi^2/\text{NDF}: 12.0/16$

Left Out: -98.151 ± 16.078 $\chi^2/\text{NDF}: 27.9/18$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -107.125 ± 16.492 $\chi^2/\text{NDF}: 14.4/17$

Left: -102.524 ± 11.513 $\chi^2/\text{NDF}: 42.4/36$

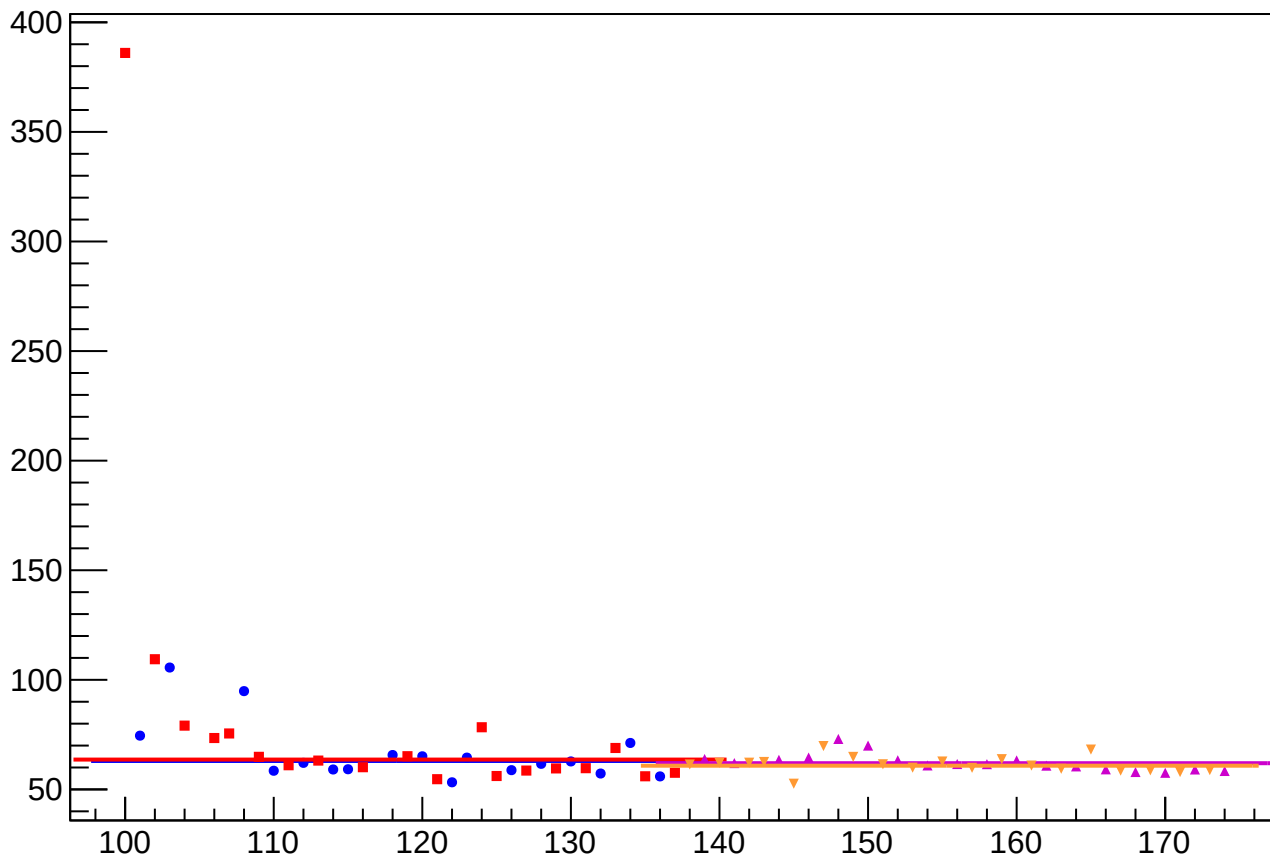
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -60.937 ± 13.716 $\chi^2/\text{NDF}: 51.8/34$

Out: -66.450 ± 13.440 $\chi^2/\text{NDF}: 61.4/37$

All: -63.749 ± 9.600 $\chi^2/\text{NDF}: 113.3/72$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 60.825 $\pm$ 0.011 χ^2 /NDF: 102335.2/18

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 61.958 $\pm$ 0.012 χ^2 /NDF: 97415.2/17

Left: 61.377 $\pm$ 0.008 χ^2 /NDF: 204595.9/36

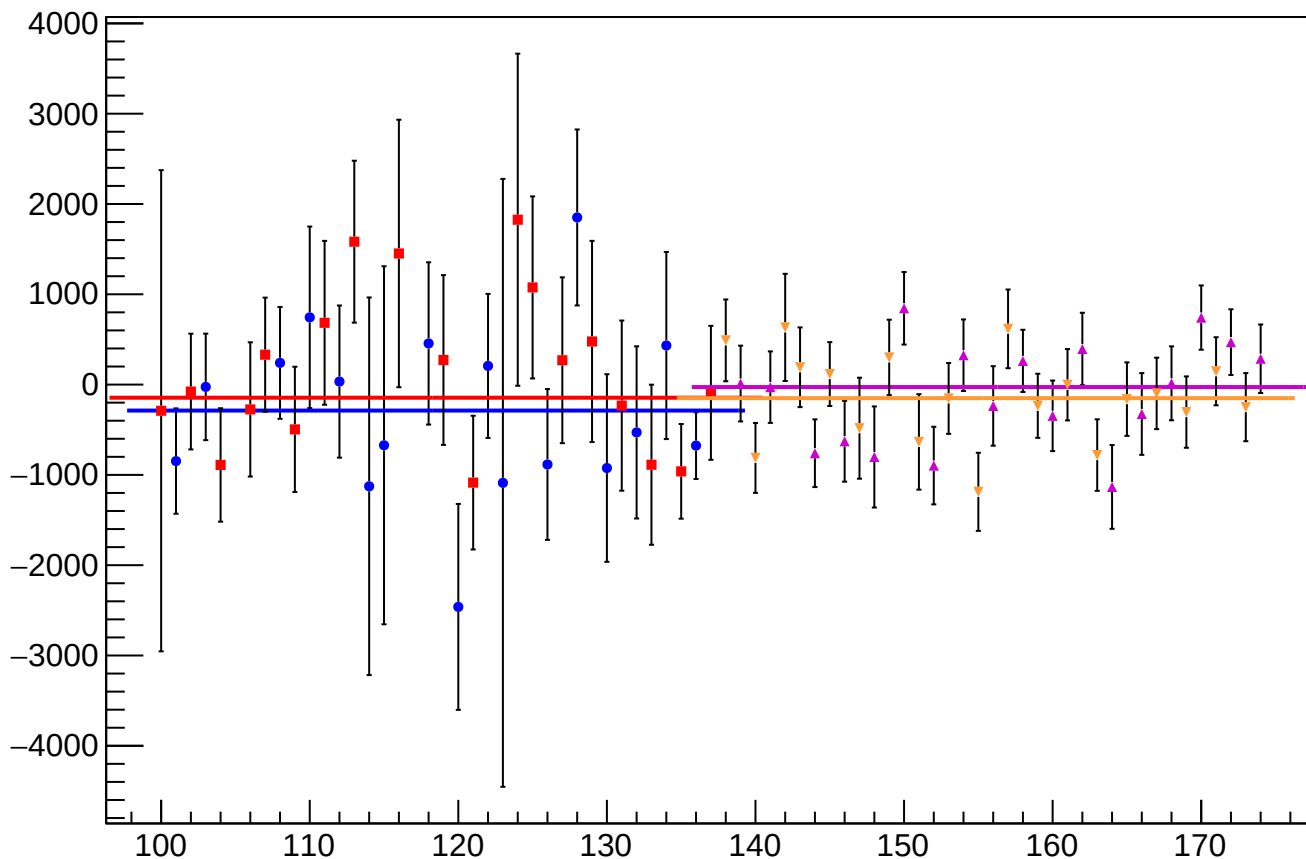
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.273 $\pm$ 0.010 χ^2 /NDF: 475045.4/34

Out: 61.665 $\pm$ 0.010 χ^2 /NDF: 554008.0/37

All: 61.963 $\pm$ 0.007 χ^2 /NDF: 1031062.8/72

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -150.039 ± 95.017 $\chi^2/\text{NDF}: 22.6/18$

Right Out: -145.341 ± 187.312 $\chi^2/\text{NDF}: 16.1/18$

Left In: -27.140 ± 95.532 $\chi^2/\text{NDF}: 33.2/17$

Left: -88.921 ± 67.368 $\chi^2/\text{NDF}: 56.7/36$

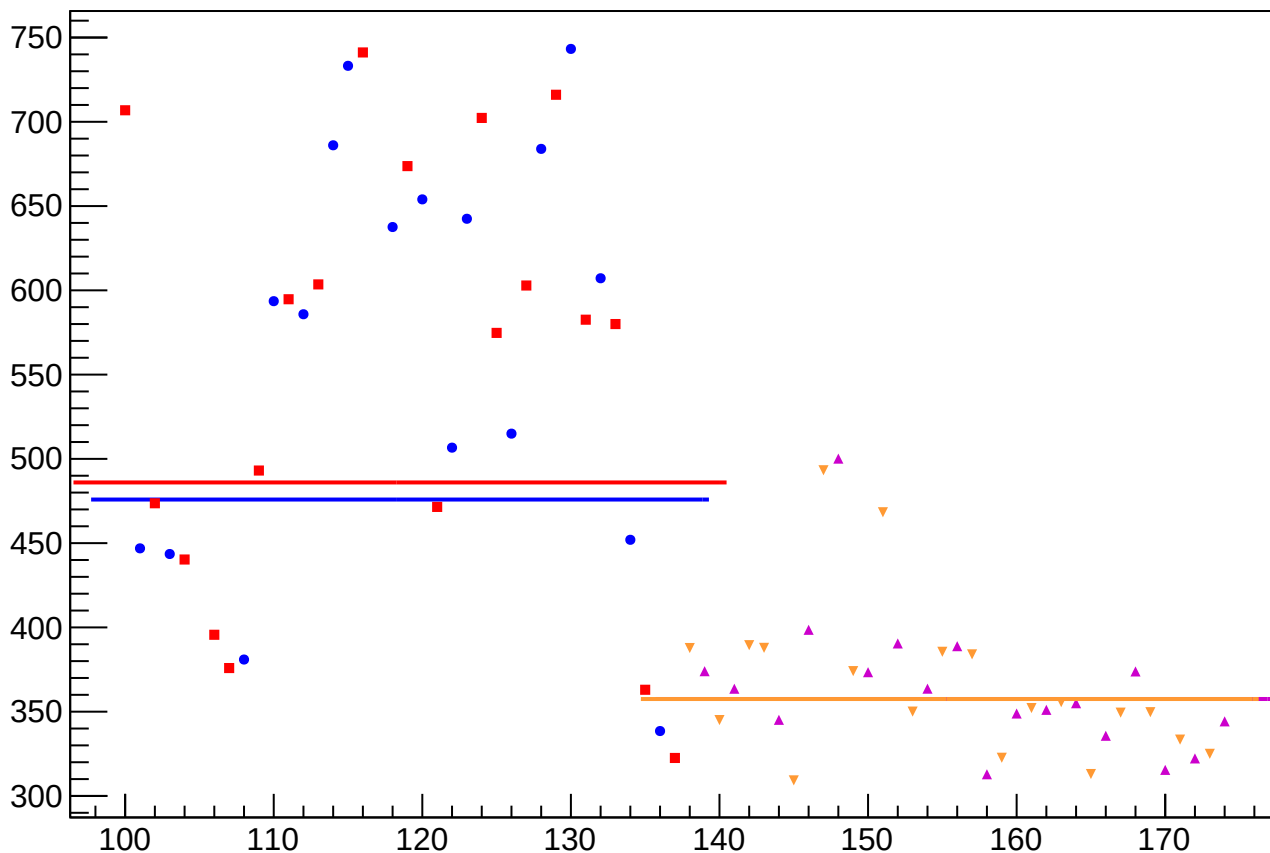
Right: -215.540 ± 133.351 $\chi^2/\text{NDF}: 31.7/35$

In: -79.765 ± 85.340 $\chi^2/\text{NDF}: 50.0/34$

Out: -149.077 ± 84.738 $\chi^2/\text{NDF}: 38.7/37$

All: -114.666 ± 60.131 $\chi^2/\text{NDF}: 89.1/72$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 357.508+/-0.067 χ^2/NDF : 357155.5/18

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 357.528+/-0.068 χ^2/NDF : 270042.3/17

Left: 357.518+/-0.048 χ^2/NDF : 627197.9/36

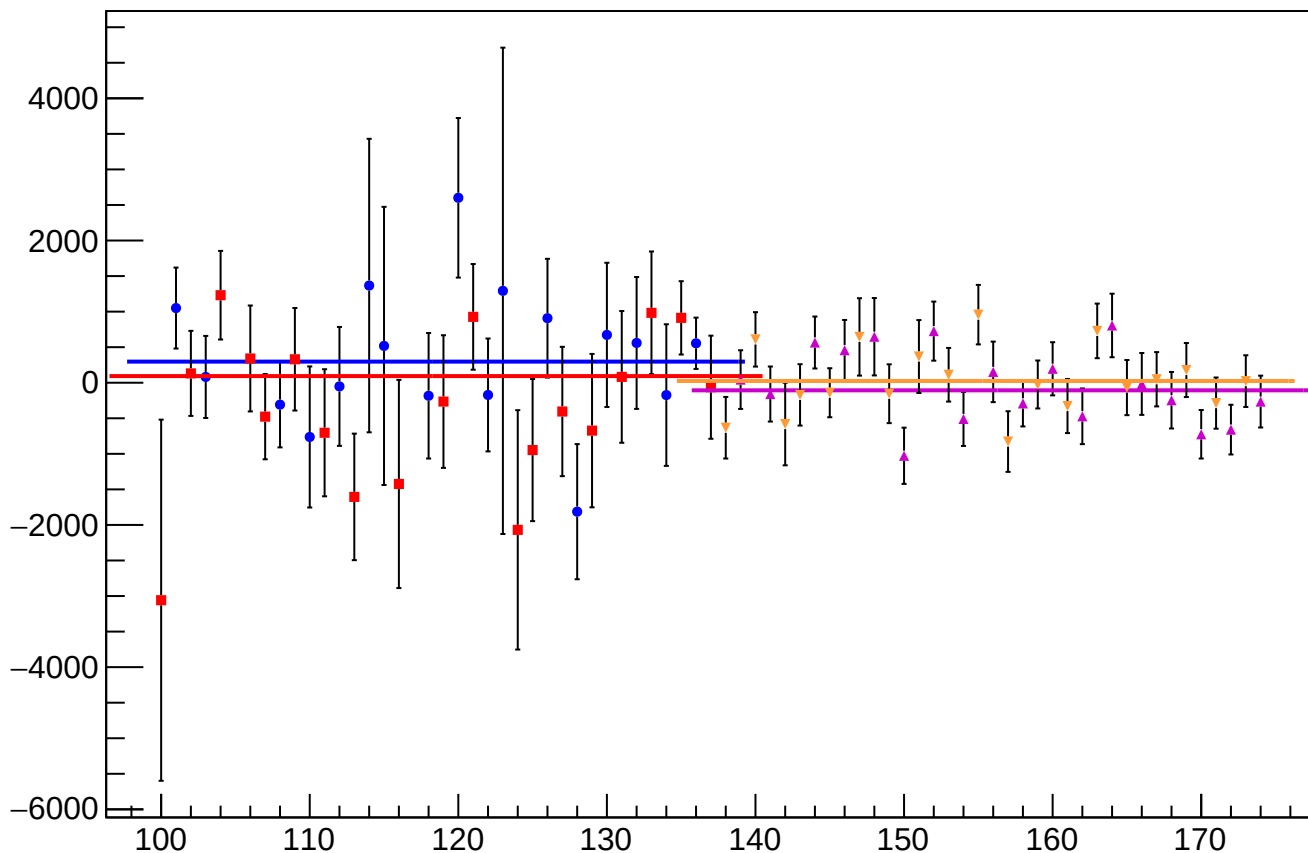
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 381.431+/-0.060 χ^2/NDF : 1727763.9/34

Out: 383.806+/-0.060 χ^2/NDF : 1835932.2/37

All: 382.627+/-0.043 χ^2/NDF : 3564476.3/72

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: 24.469 ± 91.915 $\chi^2/\text{NDF}: 22.3/18$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -106.929 ± 92.181 $\chi^2/\text{NDF}: 30.3/17$

Left: -41.041 ± 65.088 $\chi^2/\text{NDF}: 53.6/36$

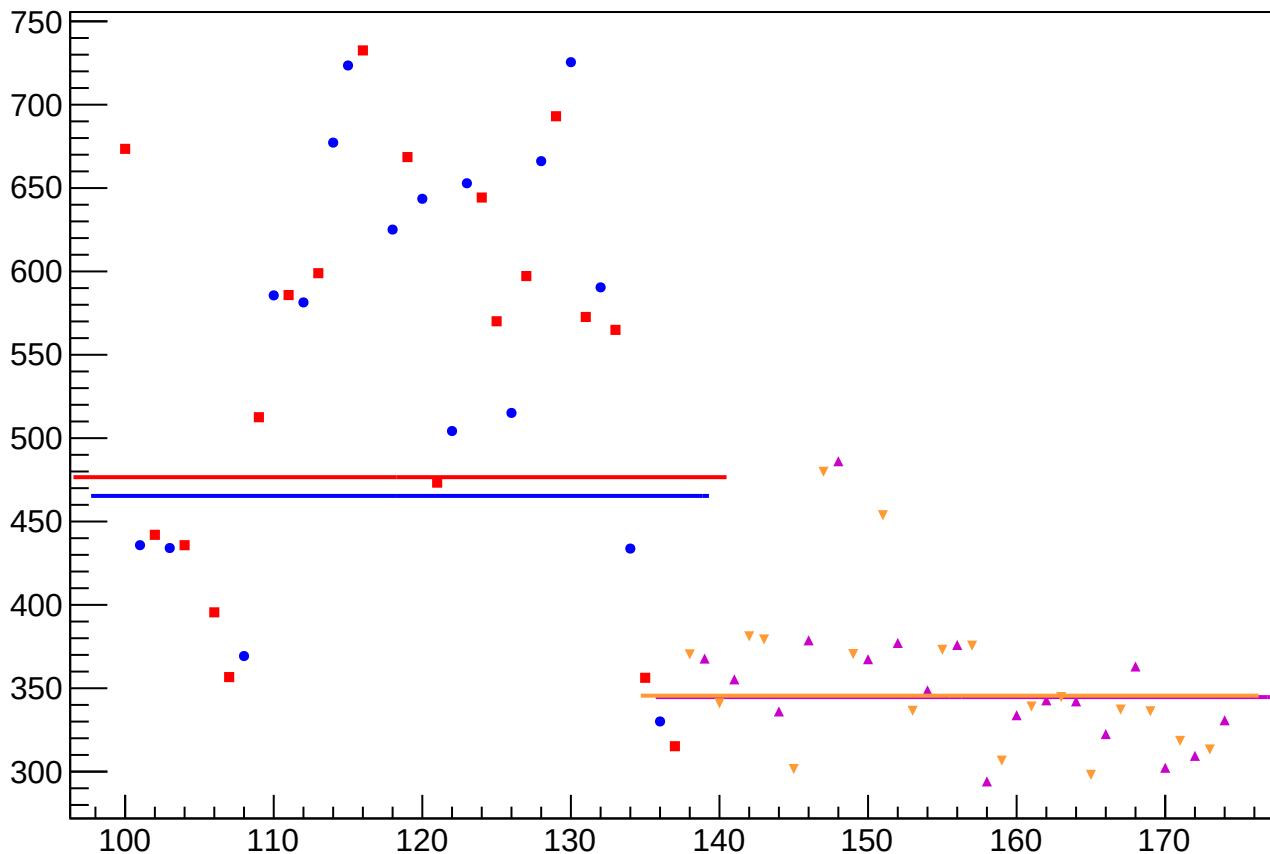
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: -27.267 ± 82.592 $\chi^2/\text{NDF}: 49.9/34$

Out: 38.269 ± 82.219 $\chi^2/\text{NDF}: 42.5/37$

All: 5.649 ± 58.269 $\chi^2/\text{NDF}: 92.8/72$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 345.557 $\pm$ 0.065 χ^2 /NDF: 383476.7/18

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 344.694 $\pm$ 0.065 χ^2 /NDF: 300756.6/17

Left: 345.127 $\pm$ 0.046 χ^2 /NDF: 684321.3/36

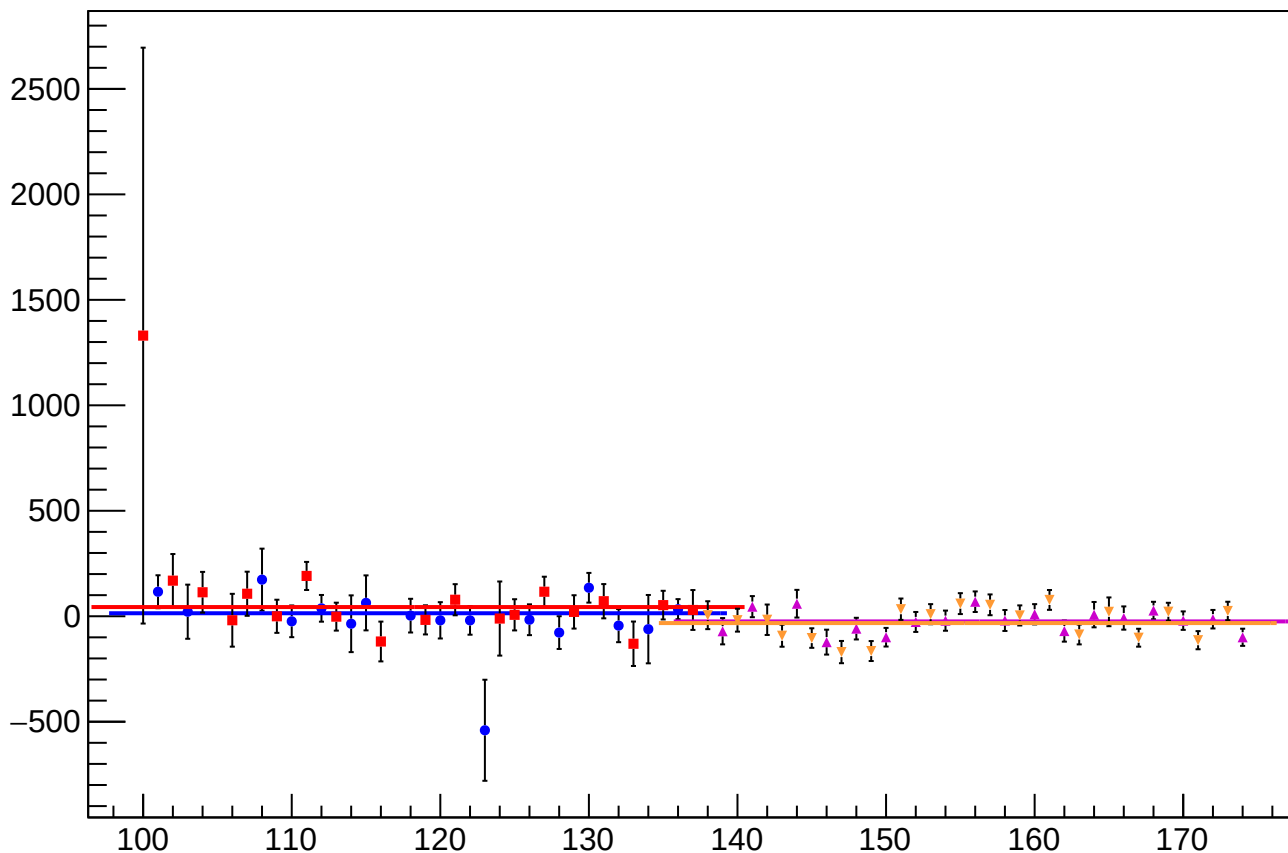
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 368.492 $\pm$ 0.058 χ^2 /NDF: 1837028.2/34

Out: 371.746 $\pm$ 0.058 χ^2 /NDF: 1948809.5/37

All: 370.126 $\pm$ 0.041 χ^2 /NDF: 3787397.2/72

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253 ± 19.867 $\chi^2/\text{NDF}: 14.8/16$

Left Out: -32.324 ± 11.331 $\chi^2/\text{NDF}: 45.3/18$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -24.456 ± 11.594 $\chi^2/\text{NDF}: 20.6/17$

Left: -28.480 ± 8.104 $\chi^2/\text{NDF}: 66.2/36$

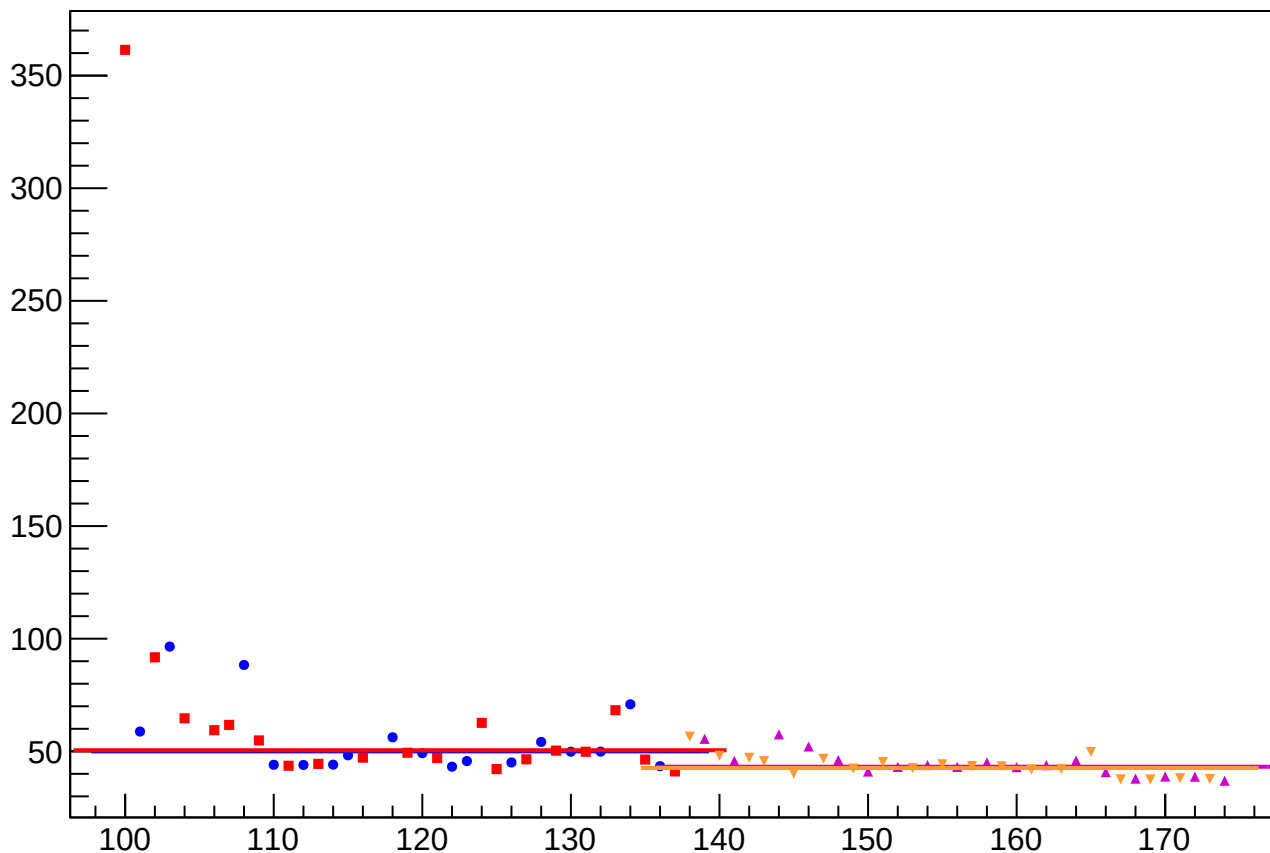
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -14.622 ± 10.014 $\chi^2/\text{NDF}: 38.3/34$

Out: -13.374 ± 9.816 $\chi^2/\text{NDF}: 73.6/37$

All: -13.985 ± 7.010 $\chi^2/\text{NDF}: 111.8/72$

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 49.973 $\pm$ 0.014 χ^2 /NDF: 578750.7/16

Left Out: 42.585 $\pm$ 0.008 χ^2 /NDF: 277531.5/18

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.151 $\pm$ 0.008 χ^2 /NDF: 368644.3/17

Left: 42.861 $\pm$ 0.006 χ^2 /NDF: 648618.2/36

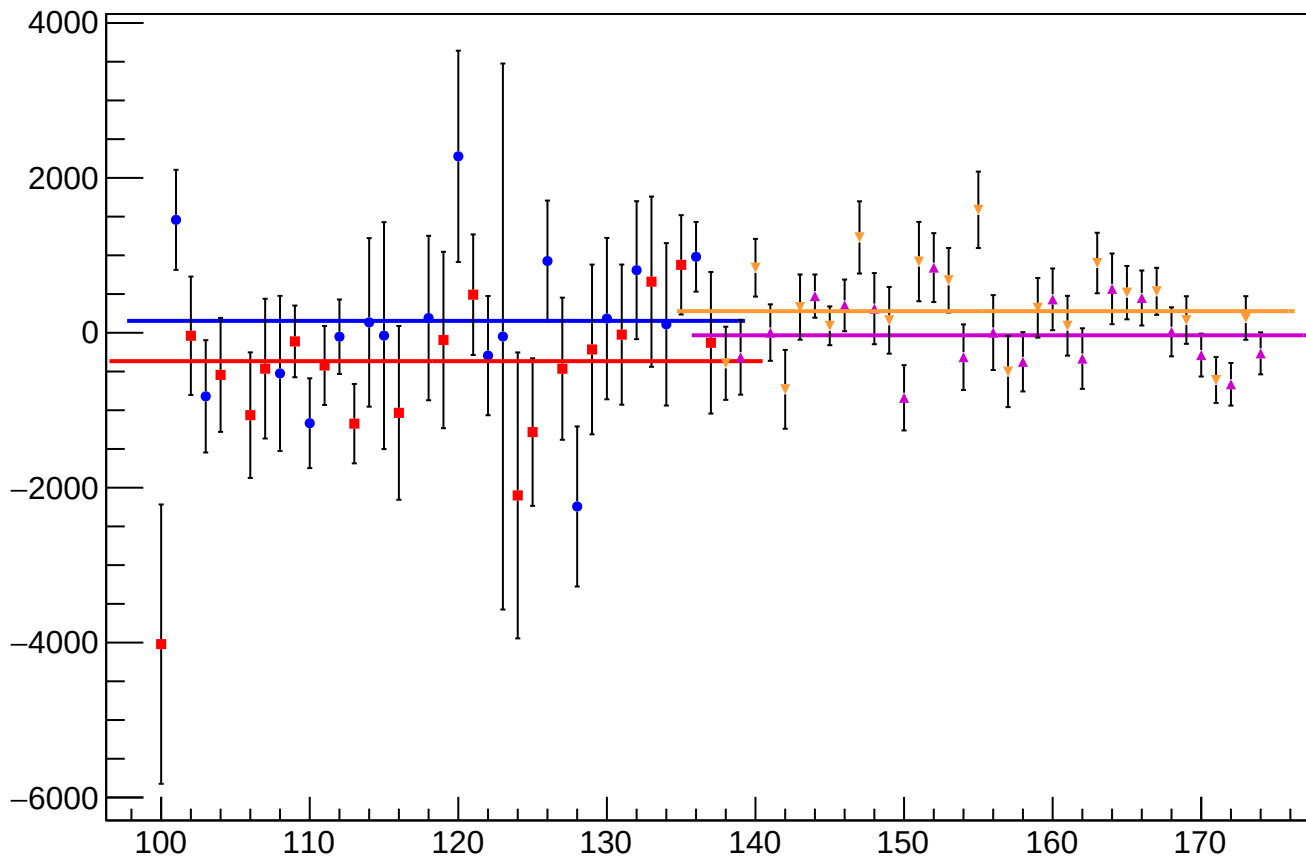
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.884 $\pm$ 0.007 χ^2 /NDF: 1123310.6/34

Out: 44.553 $\pm$ 0.007 χ^2 /NDF: 1090714.9/37

All: 44.715 $\pm$ 0.005 χ^2 /NDF: 2215140.0/72

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 279.250 $\pm$ 84.677 χ^2 /NDF:38.7/18

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: -32.470 $\pm$ 84.146 χ^2 /NDF:26.8/17

Left: 122.410 $\pm$ 59.687 χ^2 /NDF: 72.2/36

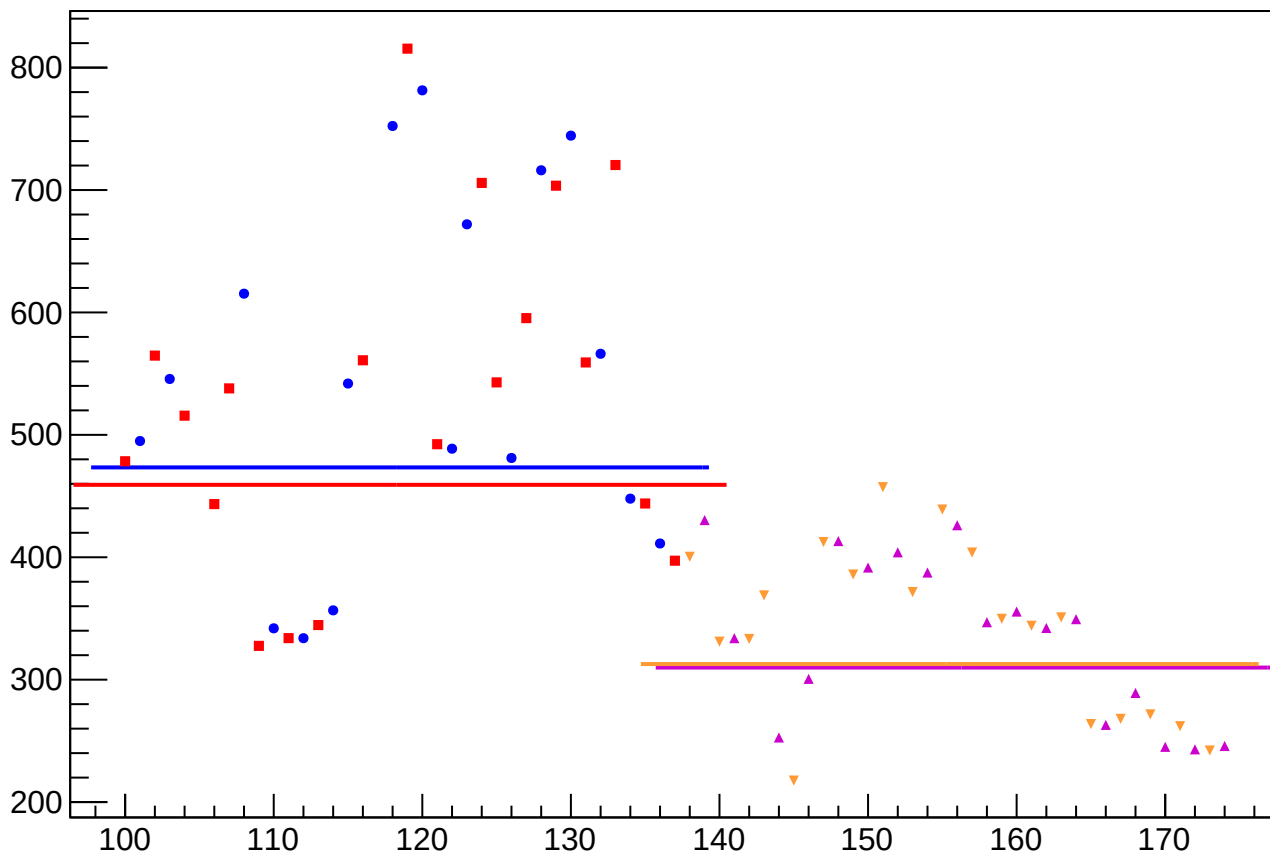
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: -1.910 $\pm$ 76.936 χ^2 /NDF:52.4/34

Out: 161.110 $\pm$ 76.537 χ^2 /NDF:65.5/37

All: 80.024 $\pm$ 54.260 χ^2 /NDF: 120.1/72

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 312.759 $\pm$ 0.060 χ^2 /NDF:1314287.4/18

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 309.892 $\pm$ 0.059 χ^2 /NDF:1124263.2/17

Left: 311.317 $\pm$ 0.042 χ^2 /NDF: 2439703.4/36

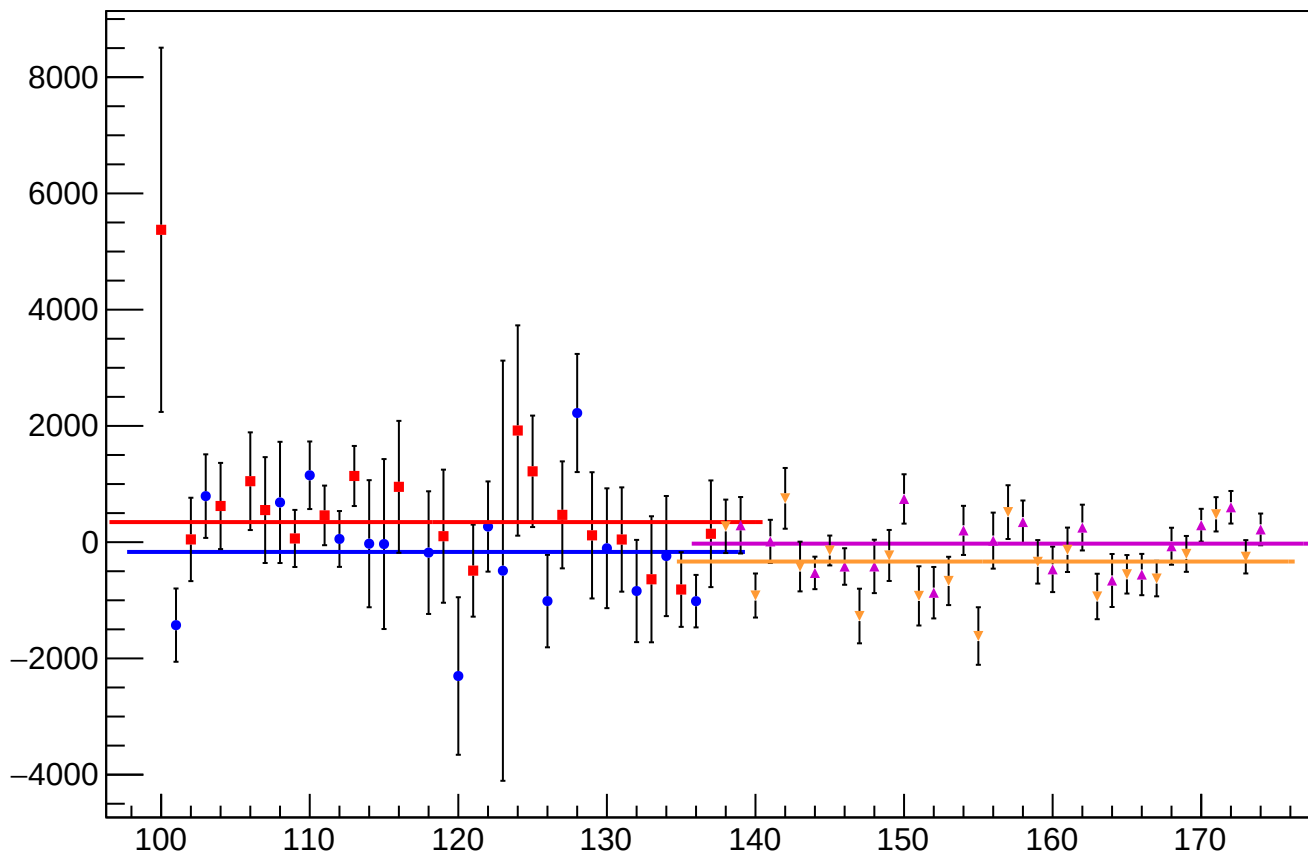
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 336.713 $\pm$ 0.054 χ^2 /NDF:3277968.0/34

Out: 339.556 $\pm$ 0.054 χ^2 /NDF:3415222.0/37

All: 338.142 $\pm$ 0.038 χ^2 /NDF: 6694562.0/72

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 $\pm$ 189.758 χ^2 /NDF: 25.4/16

Left Out: -333.228 $\pm$ 84.950 χ^2 /NDF:37.0/18

Right Out: 345.481 $\pm$ 181.255 χ^2 /NDF: 13.7/18

Left In: -25.504 $\pm$ 84.098 χ^2 /NDF:27.2/17

Left: -177.816 $\pm$ 59.765 χ^2 /NDF: 70.8/36

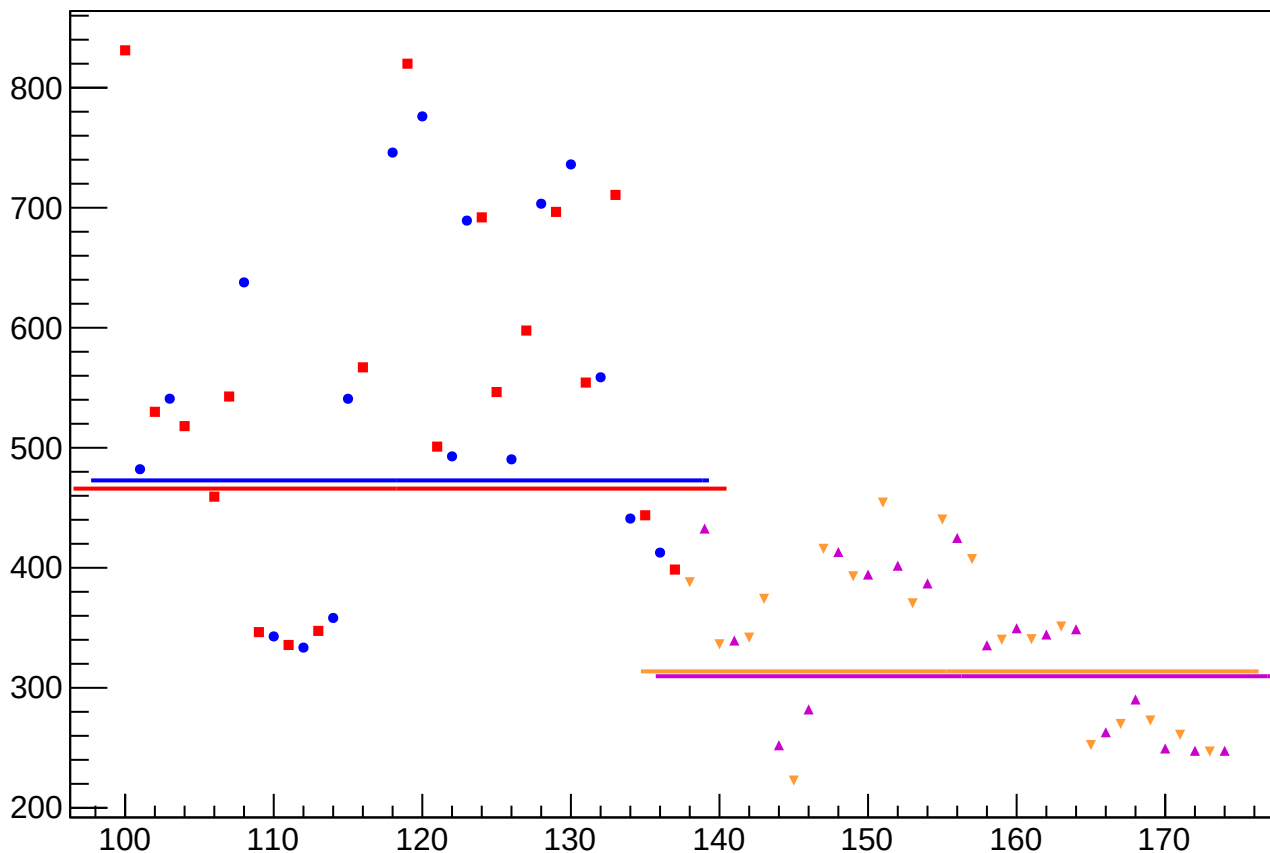
Right: 100.479 $\pm$ 131.070 χ^2 /NDF: 43.0/35

In: -48.905 $\pm$ 76.886 χ^2 /NDF:53.1/34

Out: -210.995 $\pm$ 76.921 χ^2 /NDF:62.2/37

All: -129.913 $\pm$ 54.379 χ^2 /NDF: 117.5/72

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2/NDF : 896373.5/16

Left Out: 313.711 $\pm$ 0.060 χ^2/NDF :1272943.7/18

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 309.647 $\pm$ 0.059 χ^2/NDF :1086453.2/17

Left: 311.658 $\pm$ 0.042 χ^2/NDF : 2361708.7/36

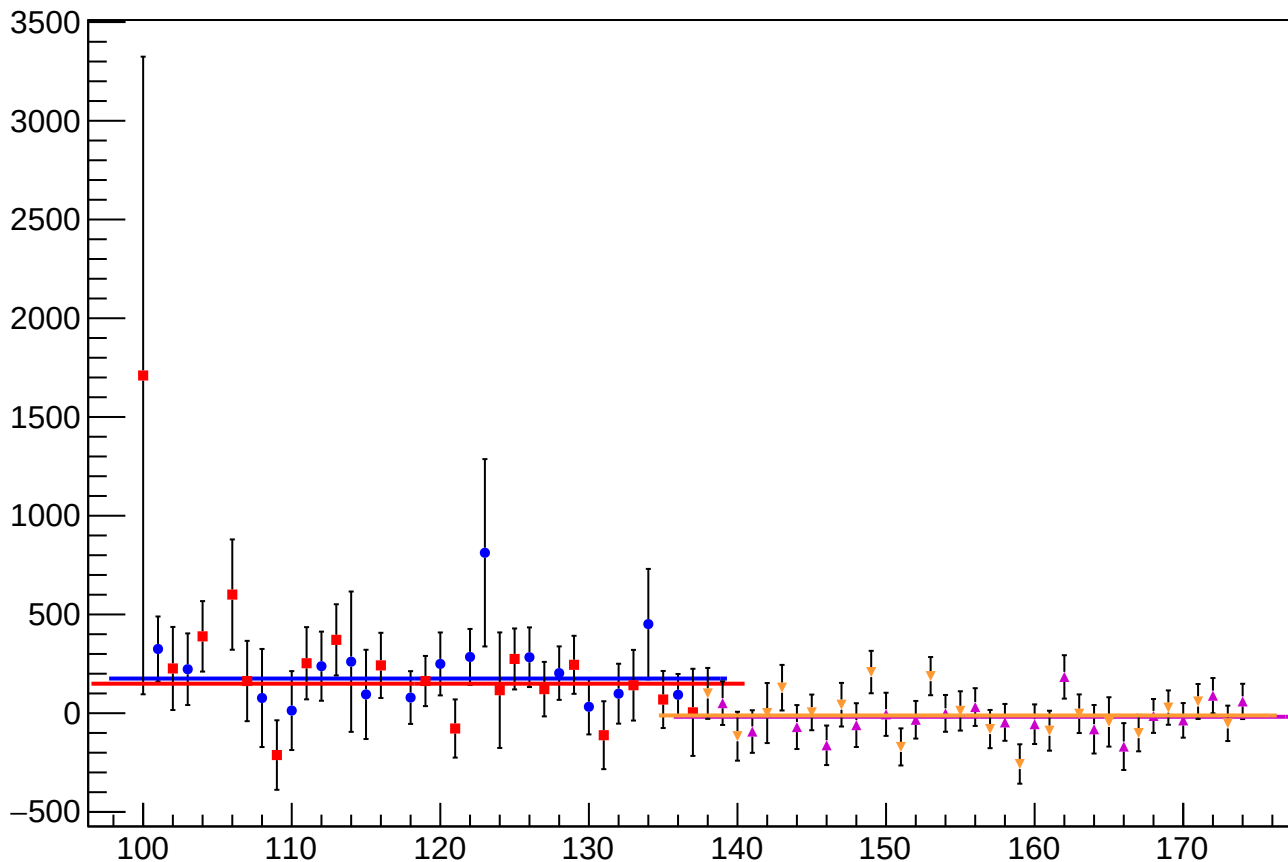
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 336.434 $\pm$ 0.054 χ^2/NDF :3218903.5/34

Out: 341.135 $\pm$ 0.054 χ^2/NDF :3372351.8/37

All: 338.784 $\pm$ 0.038 χ^2/NDF : 6594991.3/72

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: -11.457 $\pm$ 23.366 χ^2 /NDF:23.8/18

Right Out: 149.419 $\pm$ 40.319 χ^2 /NDF: 18.4/18

Left In: -18.091 $\pm$ 23.571 χ^2 /NDF:11.4/17

Left: -14.745 $\pm$ 16.594 χ^2 /NDF: 35.2/36

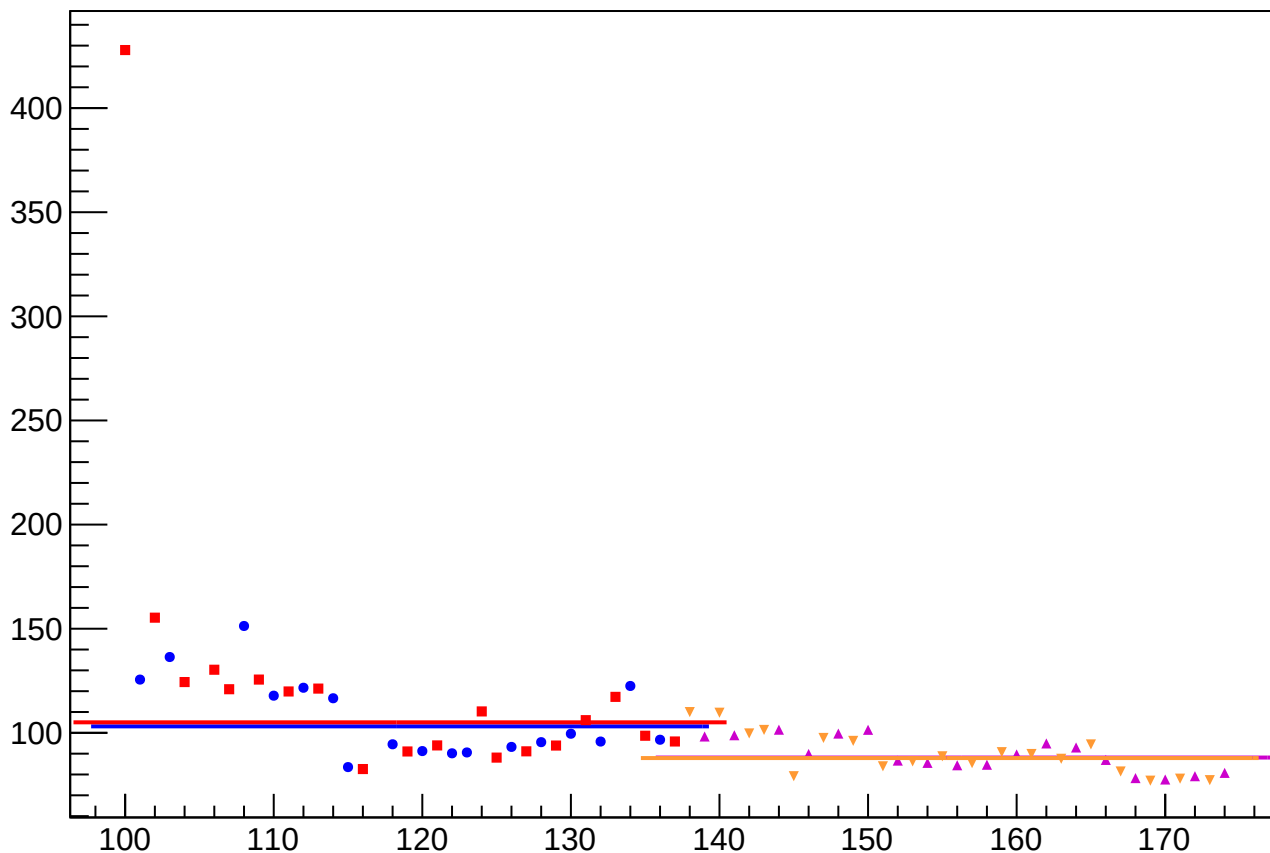
Right: 162.431 $\pm$ 28.524 χ^2 /NDF: 27.2/35

In: 31.138 $\pm$ 20.354 χ^2 /NDF:37.1/34

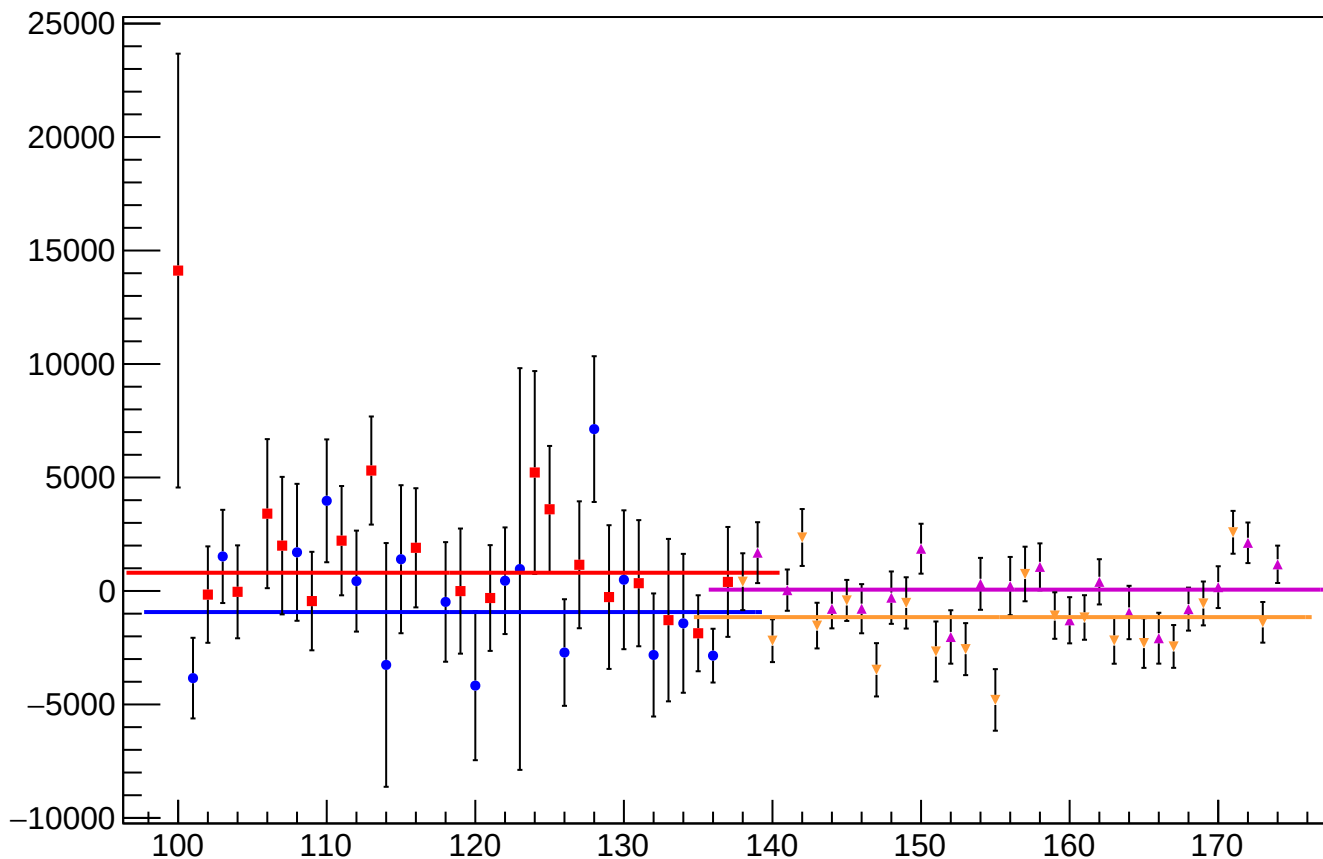
Out: 28.990 $\pm$ 20.217 χ^2 /NDF:54.2/37

All: 30.057 $\pm$ 14.344 χ^2 /NDF: 91.3/72

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1152.128 $\pm$ 242.311 χ^2 /NDF: 48.3/18

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 58.060 $\pm$ 241.967 χ^2 /NDF: 24.2/17

Left: -546.175 $\pm$ 171.218 χ^2 /NDF: 85.0/36

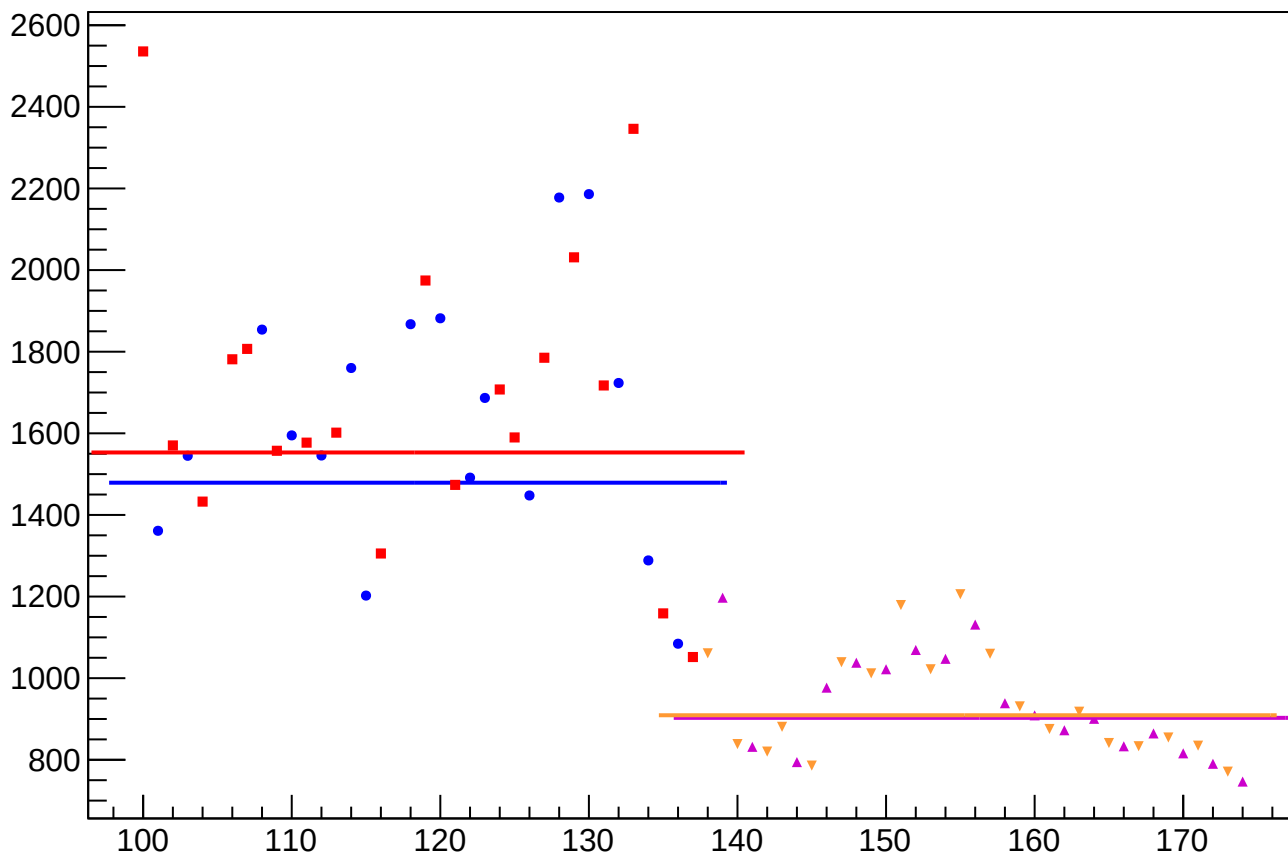
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -85.302 $\pm$ 223.705 χ^2 /NDF: 47.5/34

Out: -873.065 $\pm$ 224.351 χ^2 /NDF: 70.5/37

All: -478.048 $\pm$ 158.411 χ^2 /NDF: 124.1/72

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 909.152 $\pm$ 0.171 χ^2 /NDF: 450781.0/18

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 902.795 $\pm$ 0.171 χ^2 /NDF: 472518.6/17

Left: 905.969 $\pm$ 0.121 χ^2 /NDF: 923988.8/36

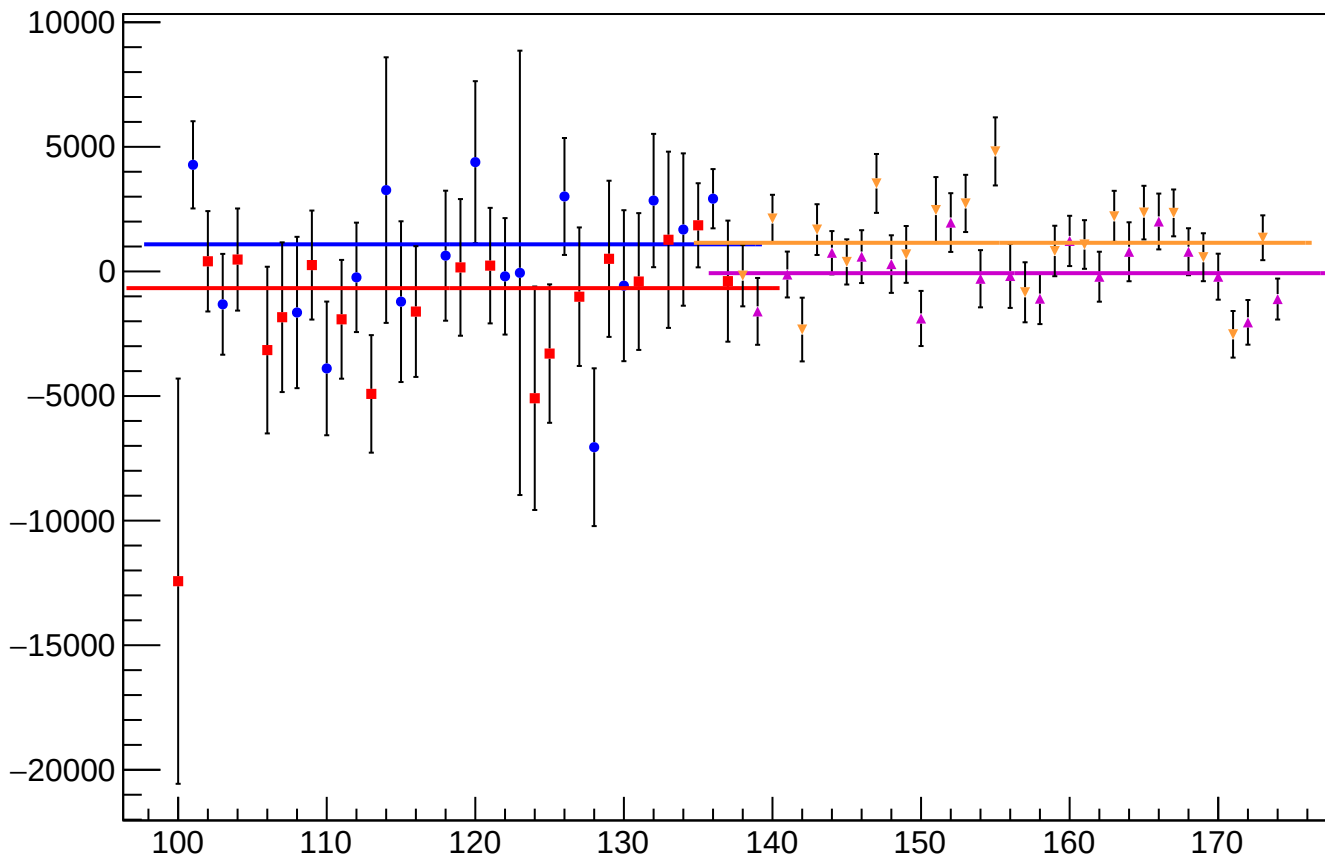
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 986.489 $\pm$ 0.158 χ^2 /NDF: 2709464.6/34

Out: 1001.068 $\pm$ 0.159 χ^2 /NDF: 2950663.3/37

All: 993.757 $\pm$ 0.112 χ^2 /NDF: 5664363.3/72

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1149.011+/-242.361 χ^2/NDF : 47.5/18

Right Out: -670.176+/-589.991 χ^2/NDF : 12.0/18

Left In: -69.752+/-241.996 χ^2/NDF : 22.3/17

Left: 538.712+/-171.246 χ^2/NDF : 82.5/36

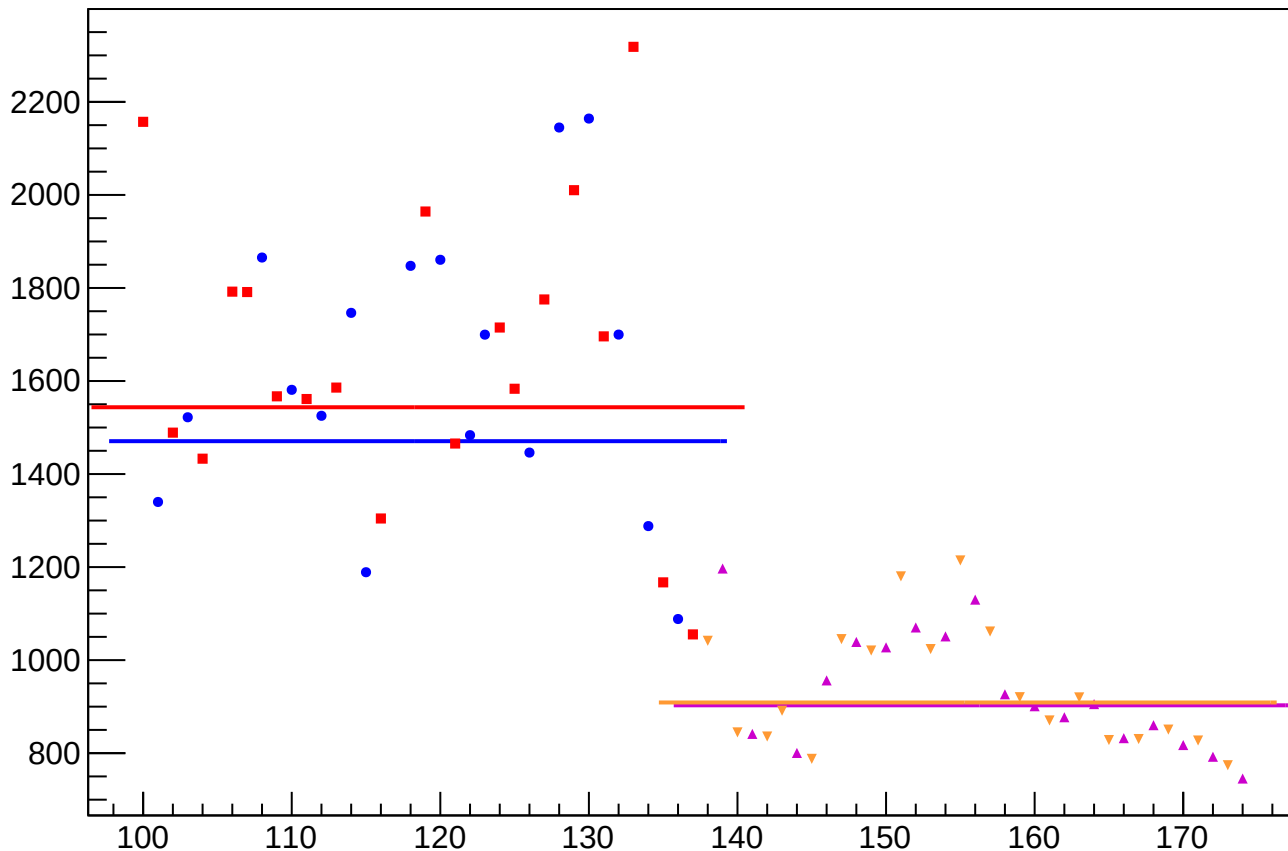
Right: 218.892+/-414.810 χ^2/NDF : 38.4/35

In: 100.243+/-223.524 χ^2/NDF : 47.5/34

Out: 886.353+/-224.183 χ^2/NDF : 67.7/37

All: 492.142+/-158.288 χ^2/NDF : 121.4/72

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: 908.968 $\pm$ 0.171 χ^2 /NDF: 453246.3/18

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 902.869 $\pm$ 0.171 χ^2 /NDF: 462867.9/17

Left: 905.914 $\pm$ 0.121 χ^2 /NDF: 916748.5/36

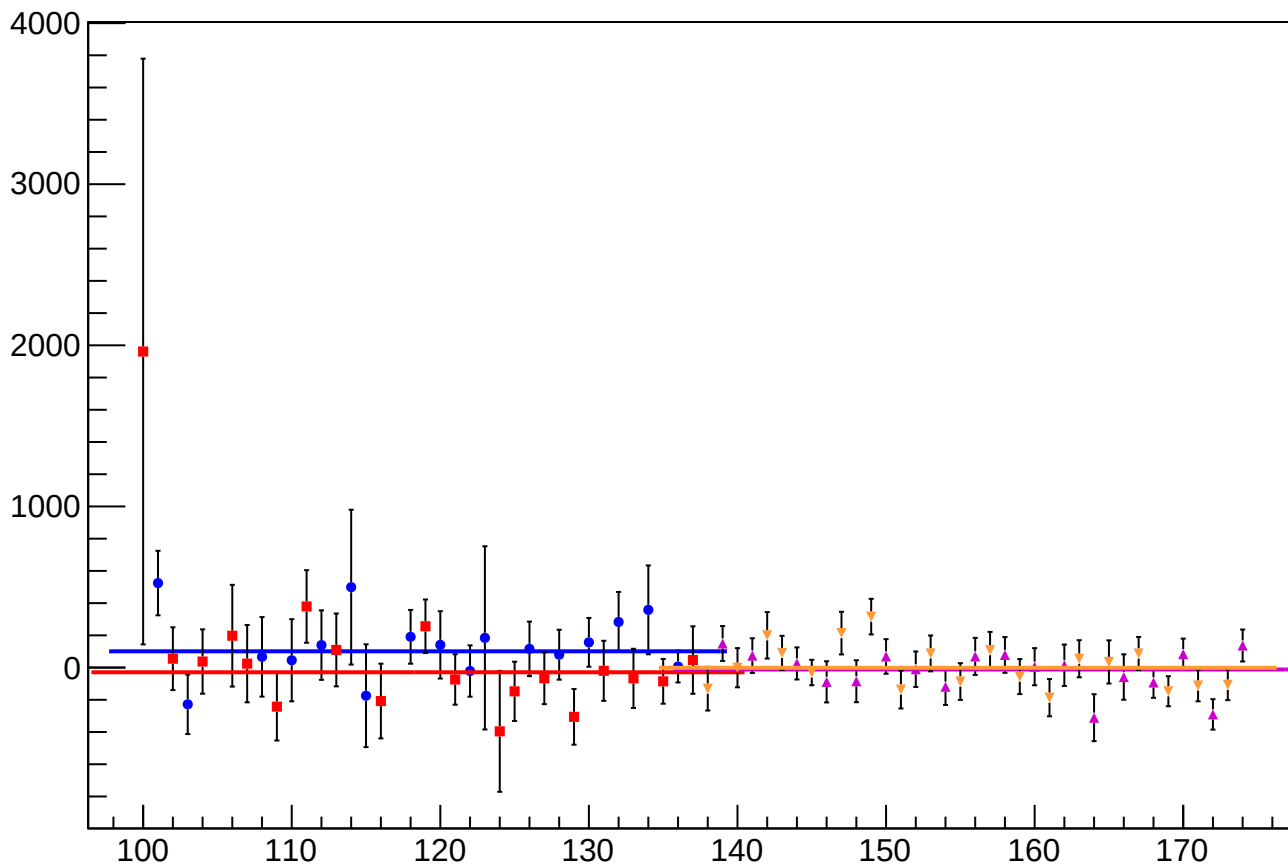
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 986.243 $\pm$ 0.158 χ^2 /NDF: 2647381.4/34

Out: 1000.596 $\pm$ 0.159 χ^2 /NDF: 2887418.0/37

All: 993.398 $\pm$ 0.112 χ^2 /NDF: 5538910.4/72

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2 /NDF: 13.0/16

Left Out: -1.316 $\pm$ 25.148 χ^2 /NDF:26.9/18

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -11.943 $\pm$ 26.152 χ^2 /NDF:23.3/17

Left: -6.422 $\pm$ 18.127 χ^2 /NDF: 50.4/36

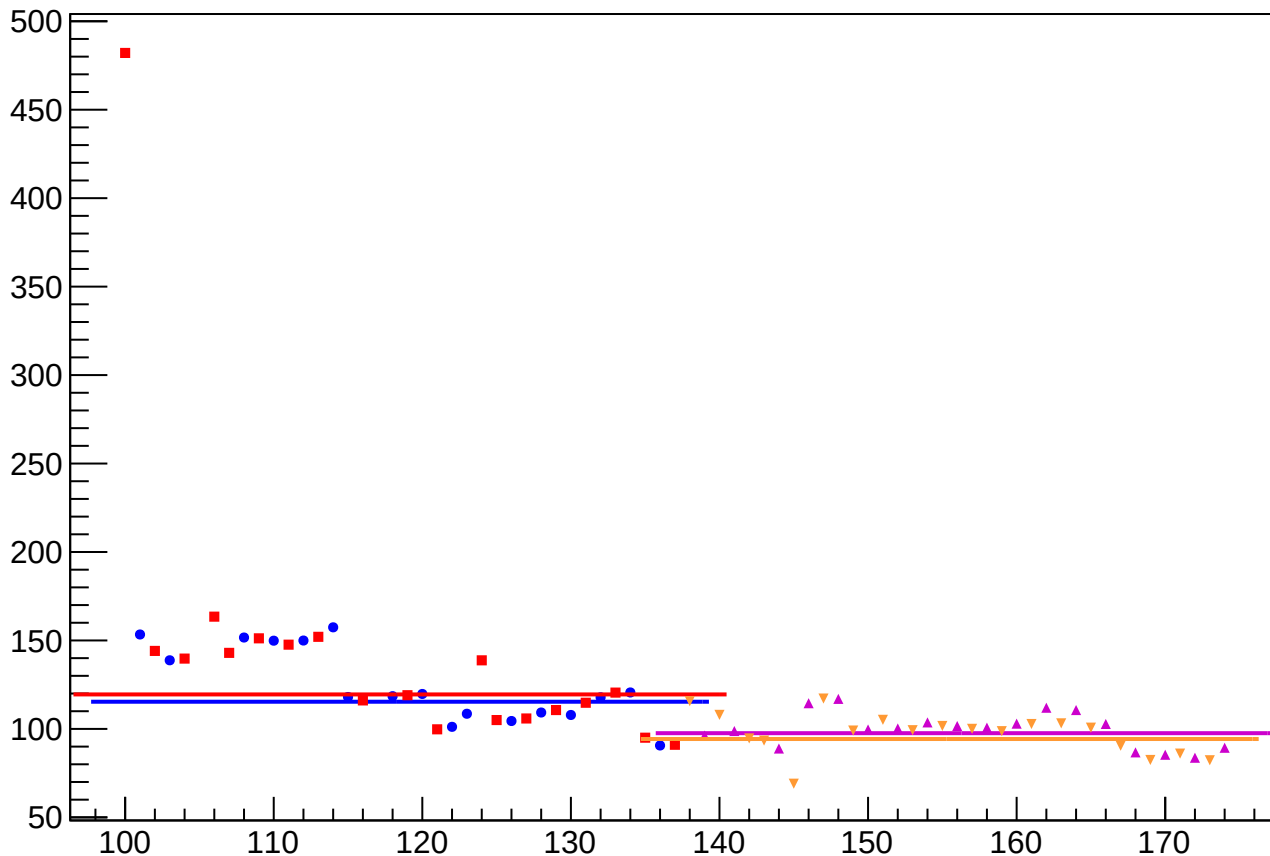
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 16.284 $\pm$ 22.647 χ^2 /NDF:41.0/34

Out: -7.787 $\pm$ 22.032 χ^2 /NDF:41.9/37

All: 3.917 $\pm$ 15.792 χ^2 /NDF: 83.5/72

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 94.292 $\pm$ 0.018 χ^2 /NDF: 489484.9/18

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 97.588 $\pm$ 0.018 χ^2 /NDF: 270073.8/17

Left: 95.875 $\pm$ 0.013 χ^2 /NDF: 776066.7/36

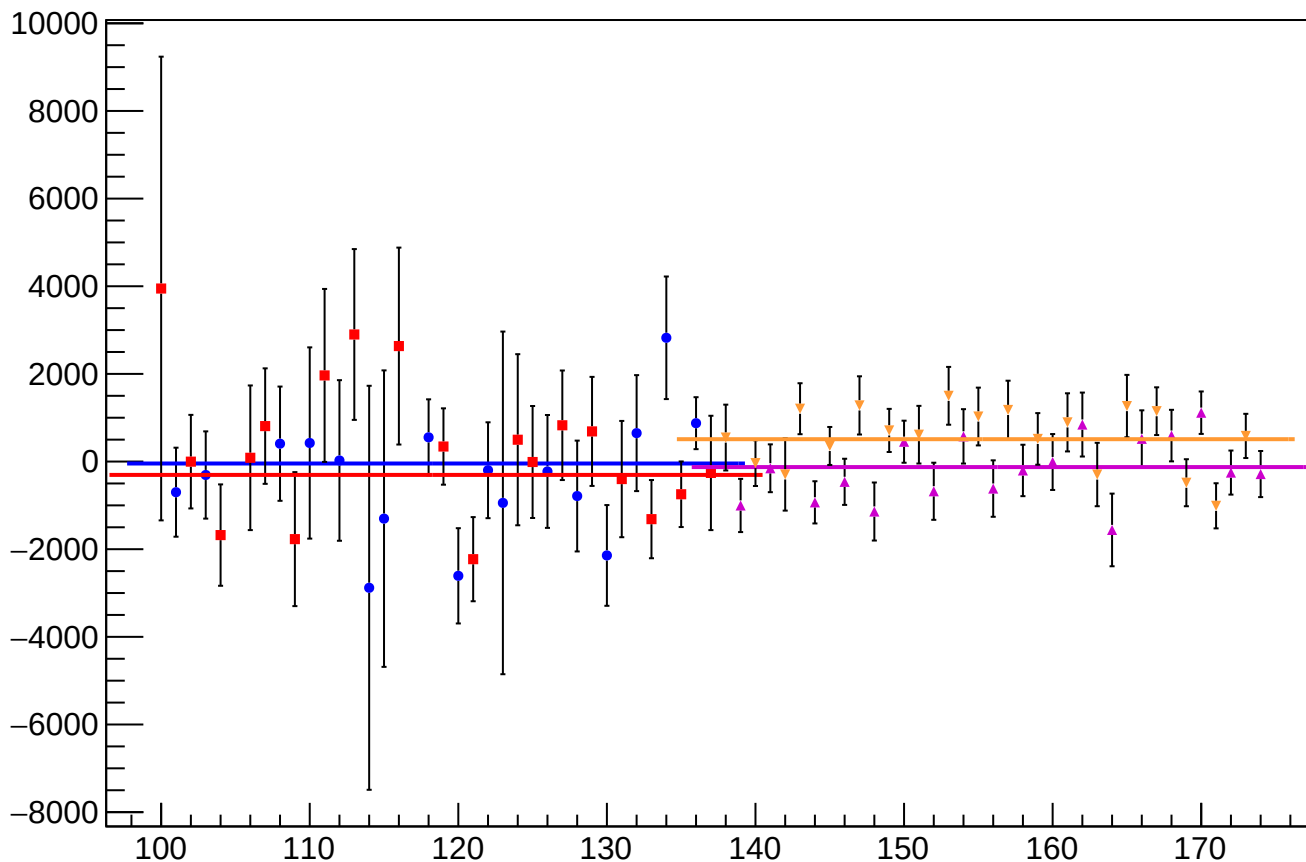
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 102.035 $\pm$ 0.016 χ^2 /NDF: 912606.0/34

Out: 100.150 $\pm$ 0.016 χ^2 /NDF: 1434316.1/37

All: 101.066 $\pm$ 0.011 χ^2 /NDF: 2354037.9/72

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: 510.148 $\pm$ 135.667 χ^2 /NDF:25.3/18

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -126.140 $\pm$ 136.379 χ^2 /NDF:25.7/17

Left: 193.668 $\pm$ 96.182 χ^2 /NDF: 61.9/36

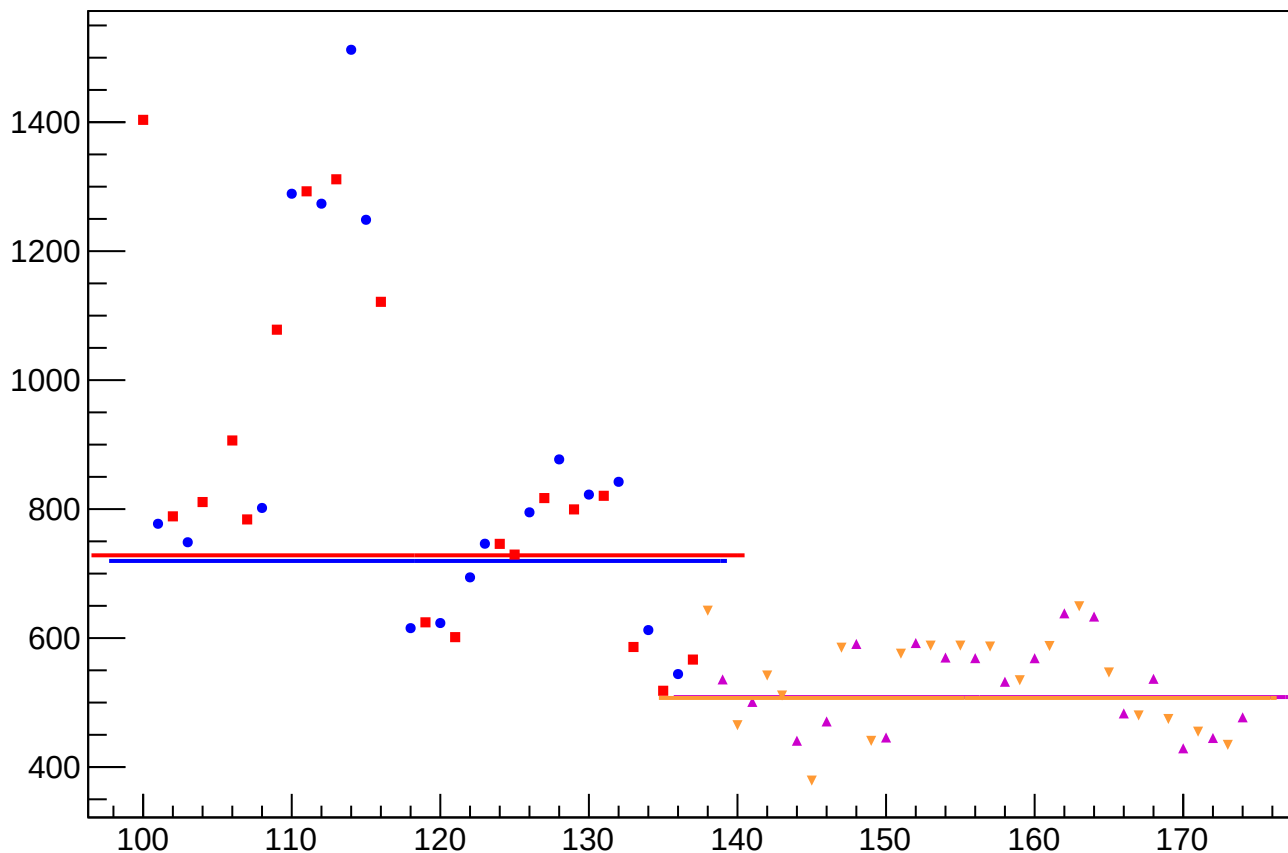
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -111.049 $\pm$ 123.122 χ^2 /NDF:43.6/34

Out: 357.604 $\pm$ 122.313 χ^2 /NDF:49.4/37

All: 124.823 $\pm$ 86.773 χ^2 /NDF: 100.3/72

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: 507.163 $\pm$ 0.096 χ^2/NDF :623385.3/18

Right Out: 728.331 $\pm$ 0.200 χ^2/NDF : 913667.8/18

Left In: 508.551 $\pm$ 0.096 χ^2/NDF :419923.2/17

Left: 507.854 $\pm$ 0.068 χ^2/NDF : 1043412.6/36

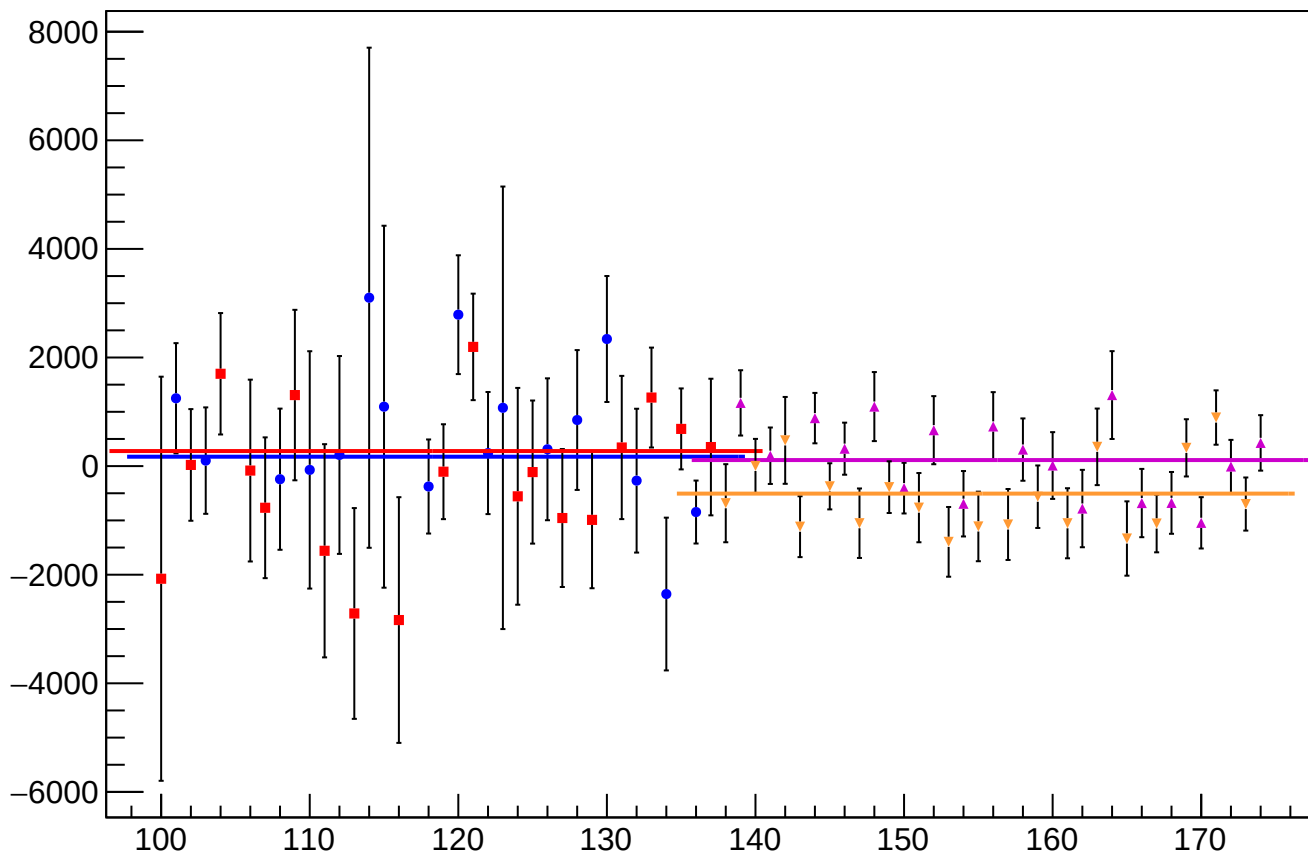
Right: 724.023 $\pm$ 0.142 χ^2/NDF : 1661557.4/35

In: 547.588 $\pm$ 0.087 χ^2/NDF :2052813.1/34

Out: 548.562 $\pm$ 0.086 χ^2/NDF :2531974.1/37

All: 548.078 $\pm$ 0.061 χ^2/NDF : 4584850.2/72

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -506.515 $\pm$ 131.686 χ^2 /NDF:23.7/18

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 111.233 $\pm$ 131.765 χ^2 /NDF:27.0/17

Left: -197.827 $\pm$ 93.144 χ^2 /NDF: 61.7/36

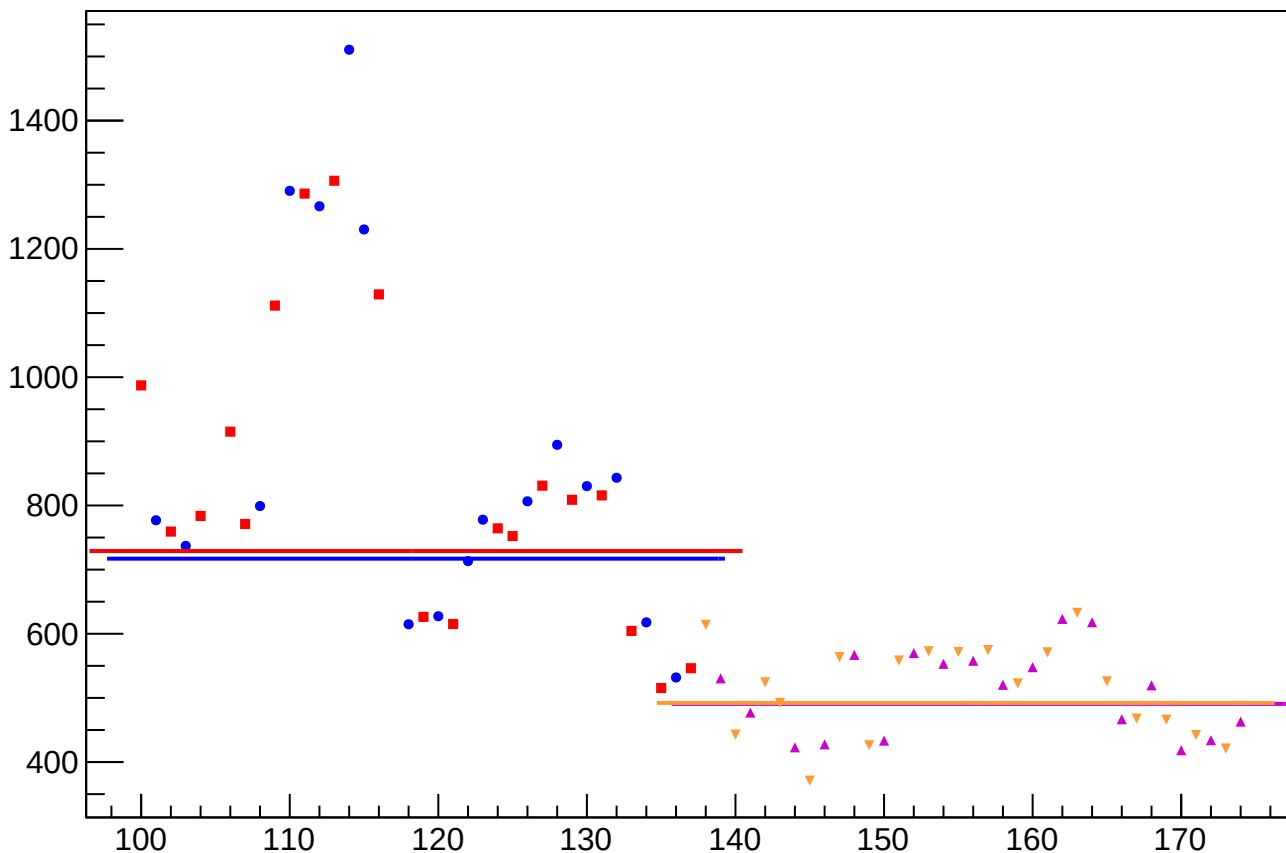
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 122.100 $\pm$ 119.650 χ^2 /NDF:45.2/34

Out: -366.813 $\pm$ 119.372 χ^2 /NDF:46.1/37

All: -122.925 $\pm$ 84.507 χ^2 /NDF: 99.6/72

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083+/-0.202 χ^2/NDF : 782449.4/16

Left Out: 492.220+/-0.093 χ^2/NDF : 612815.7/18

Right Out: 728.989+/-0.200 χ^2/NDF : 890725.1/18

Left In: 490.702+/-0.093 χ^2/NDF : 451161.9/17

Left: 491.462+/-0.066 χ^2/NDF : 1064110.3/36

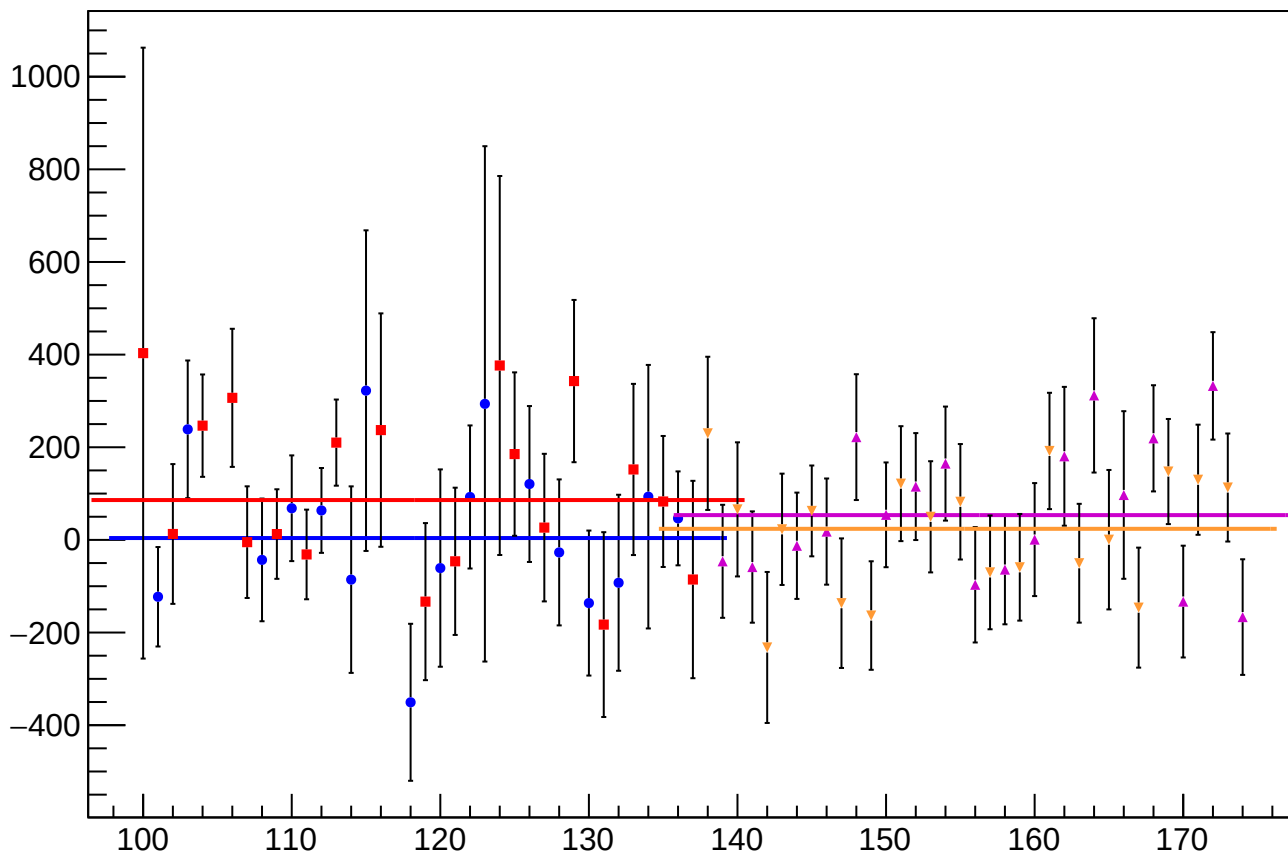
Right: 723.098+/-0.142 χ^2/NDF : 1674929.6/35

In: 530.415+/-0.085 χ^2/NDF : 2269233.7/34

Out: 534.428+/-0.084 χ^2/NDF : 2656143.8/37

All: 532.427+/-0.060 χ^2/NDF : 4926505.1/72

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 χ^2/NDF : 12.7/16

Left Out: 23.936 ± 28.753 χ^2/NDF : 16.6/18

Right Out: 86.020 ± 33.370 χ^2/NDF : 17.6/18

Left In: 53.501 ± 29.366 χ^2/NDF : 23.8/17

Left: 38.407 ± 20.545 χ^2/NDF : 40.9/36

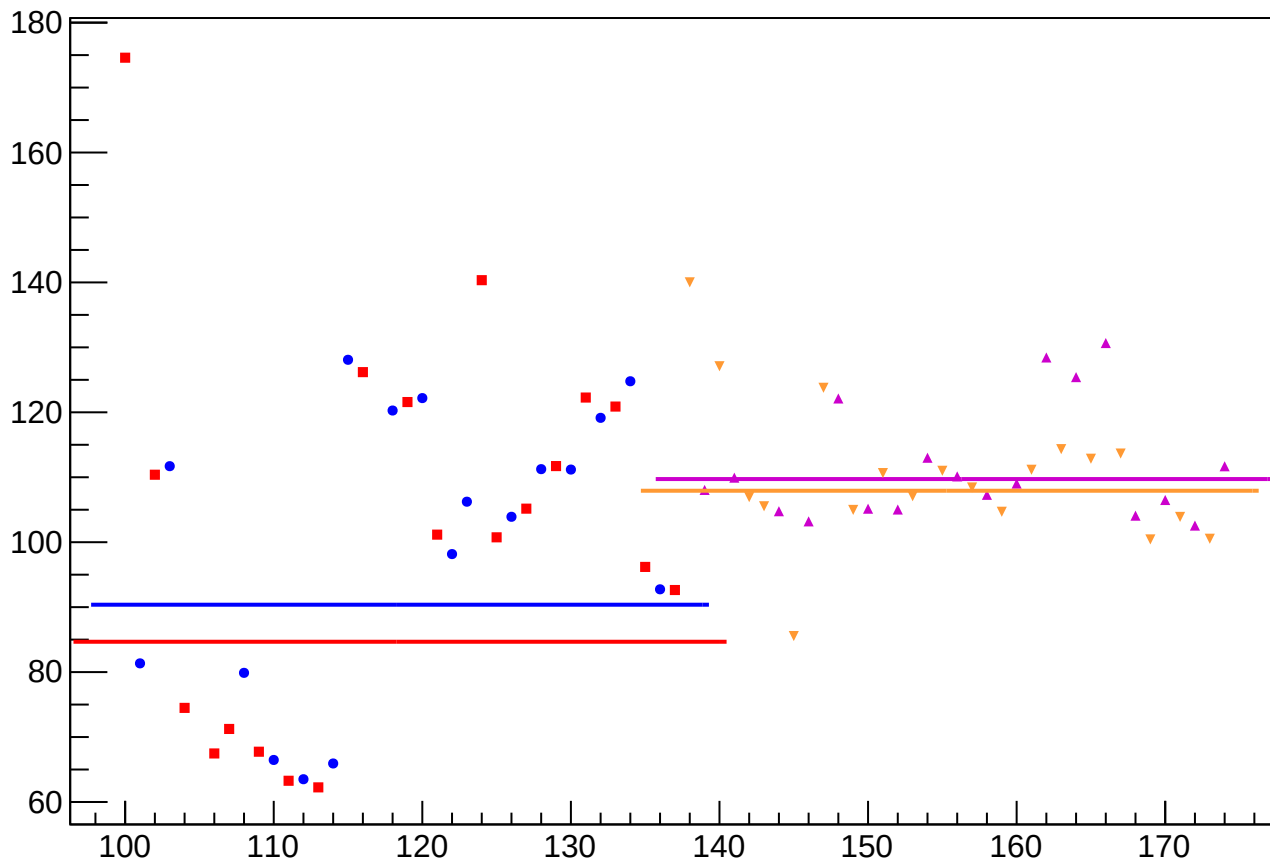
Right: 48.064 ± 24.458 χ^2/NDF : 33.1/35

In: 33.695 ± 22.743 χ^2/NDF : 37.7/34

Out: 50.389 ± 21.783 χ^2/NDF : 36.1/37

All: 42.402 ± 15.731 χ^2/NDF : 74.1/72

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: 107.924 $\pm$ 0.020 χ^2 /NDF: 277666.4/18

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 109.723 $\pm$ 0.021 χ^2 /NDF: 126328.7/17

Left: 108.805 $\pm$ 0.015 χ^2 /NDF: 407829.1/36

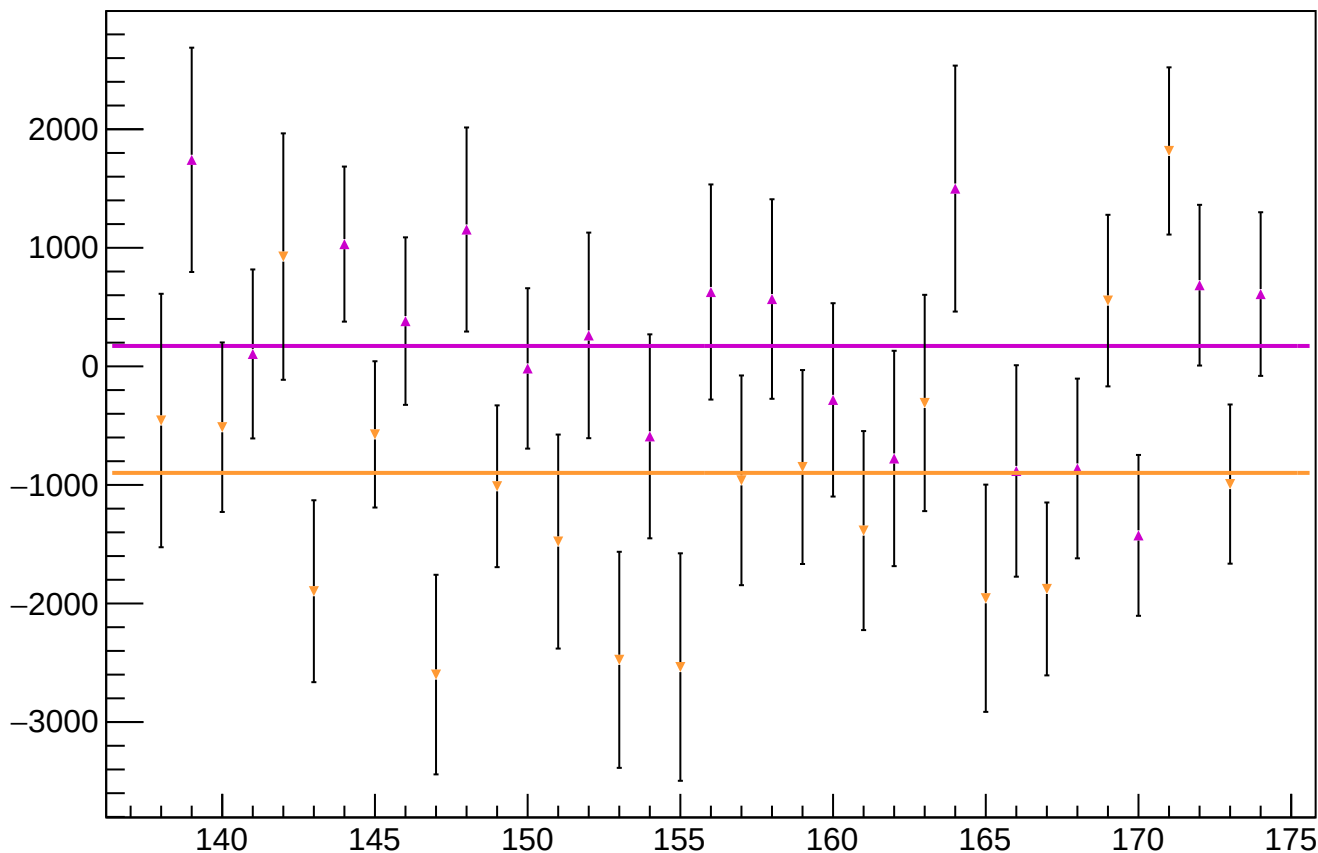
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 101.980 $\pm$ 0.016 χ^2 /NDF: 1127932.4/34

Out: 98.017 $\pm$ 0.015 χ^2 /NDF: 1743032.7/37

All: 99.913 $\pm$ 0.011 χ^2 /NDF: 2902642.2/72

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -898.474+/-183.598 χ^2/NDF :38.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 172.144+/-184.537 χ^2/NDF :20.0/17

Left: -365.894+/-130.154 χ^2/NDF : 75.6/36

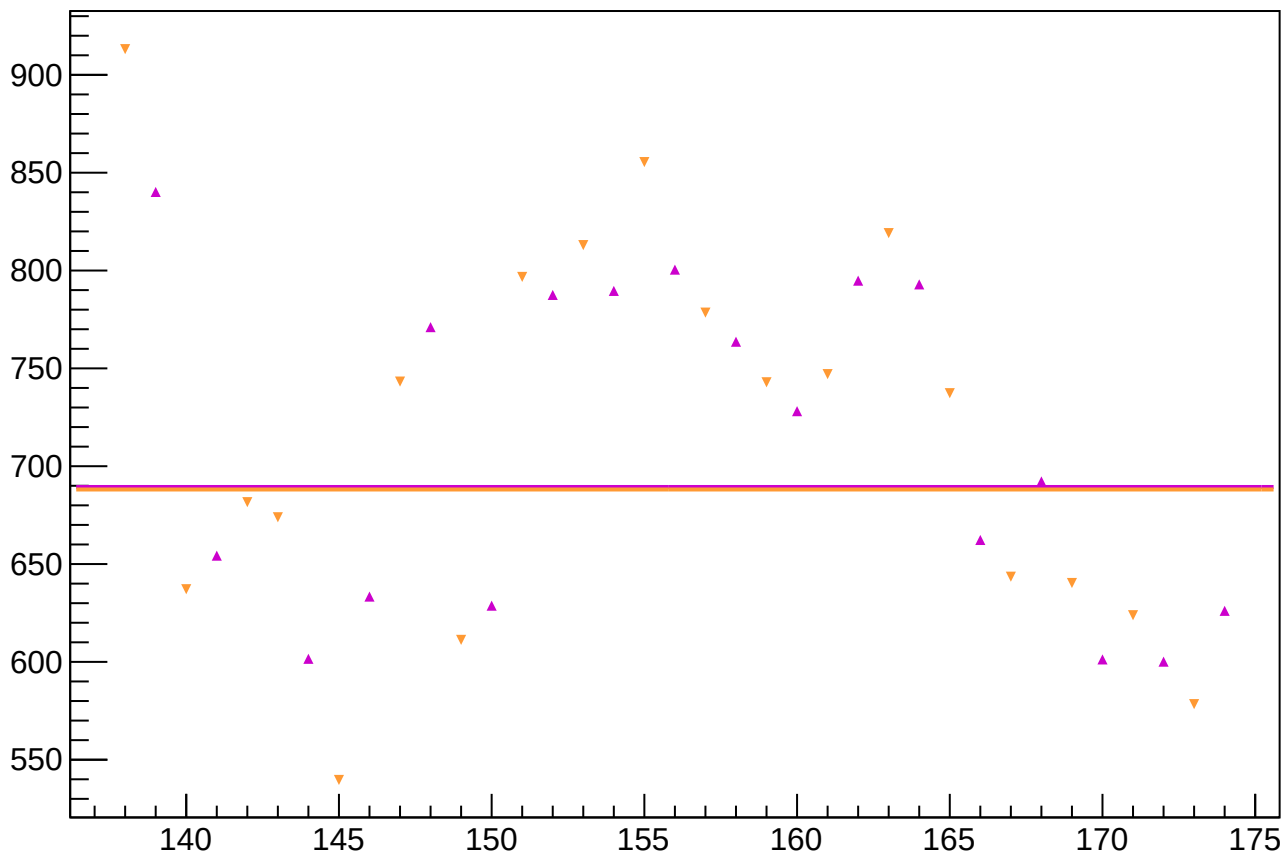
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 172.144+/-184.537 χ^2/NDF :20.0/17

Out: -898.474+/-183.598 χ^2/NDF :38.6/18

All: -365.894+/-130.154 χ^2/NDF : 75.6/36

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 688.103+/-0.130 χ^2/NDF : 549181.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 689.385+/-0.130 χ^2/NDF : 375232.0/17

Left: 688.741+/-0.092 χ^2/NDF : 924462.1/36

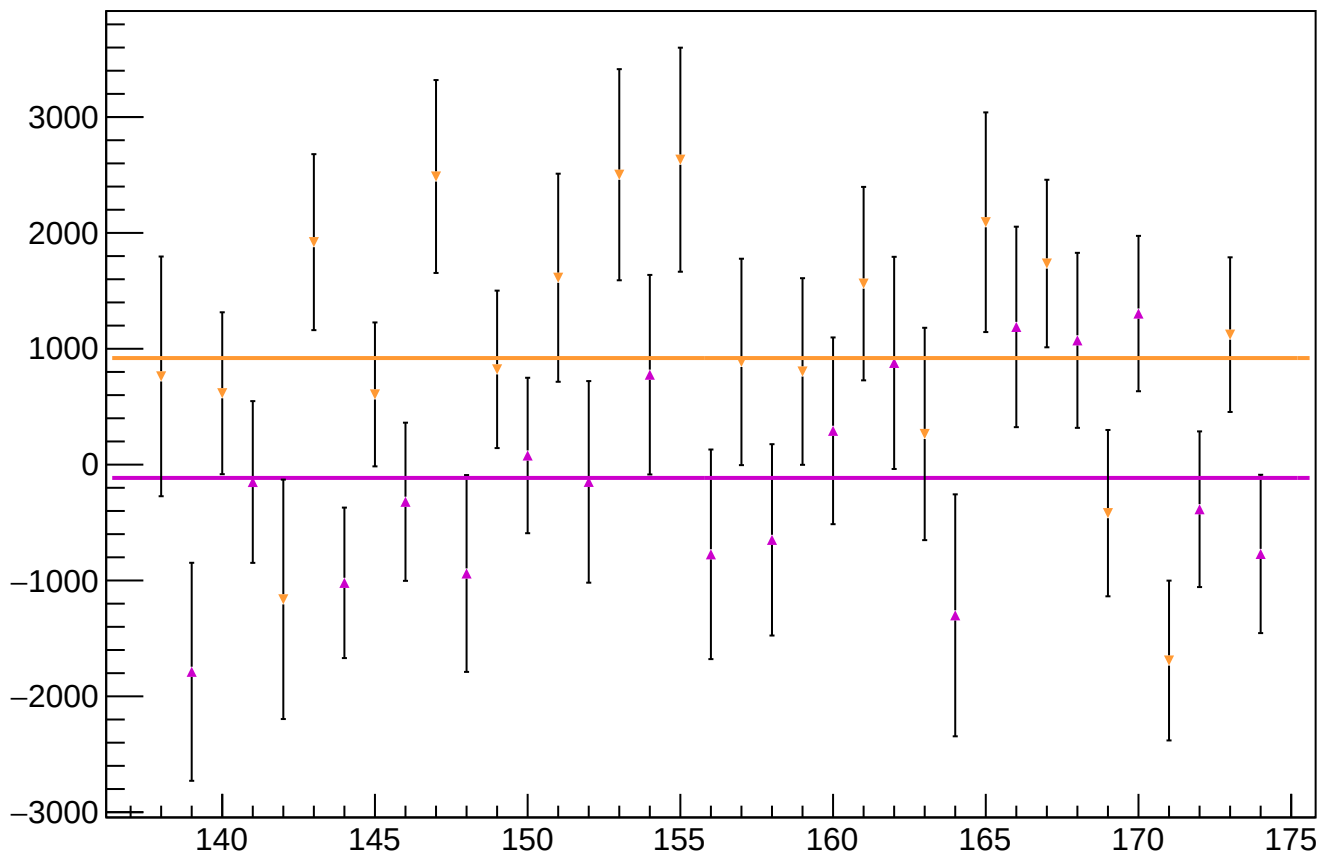
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 689.385+/-0.130 χ^2/NDF : 375232.0/17

Out: 688.103+/-0.130 χ^2/NDF : 549181.6/18

All: 688.741+/-0.092 χ^2/NDF : 924462.1/36

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 919.877+/-182.249 χ^2/NDF :38.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -114.787+/-182.622 χ^2/NDF :21.3/17

Left: 403.602+/-129.001 χ^2/NDF : 75.8/36

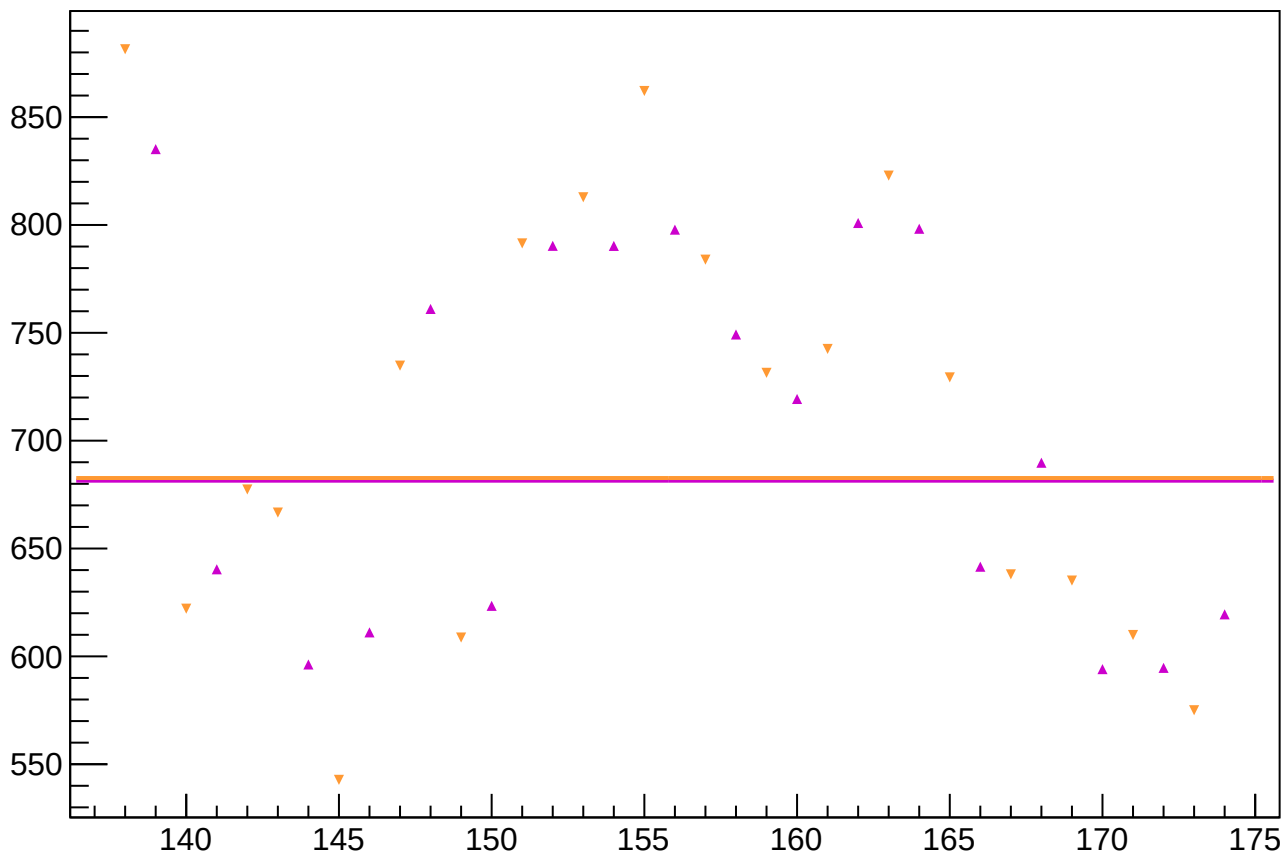
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -114.787+/-182.622 χ^2/NDF :21.3/17

Out: 919.877+/-182.249 χ^2/NDF :38.4/18

All: 403.602+/-129.001 χ^2/NDF : 75.8/36

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 682.681+/-0.129 χ^2/NDF : 547642.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Left: 682.069+/-0.091 χ^2/NDF : 957793.4/36

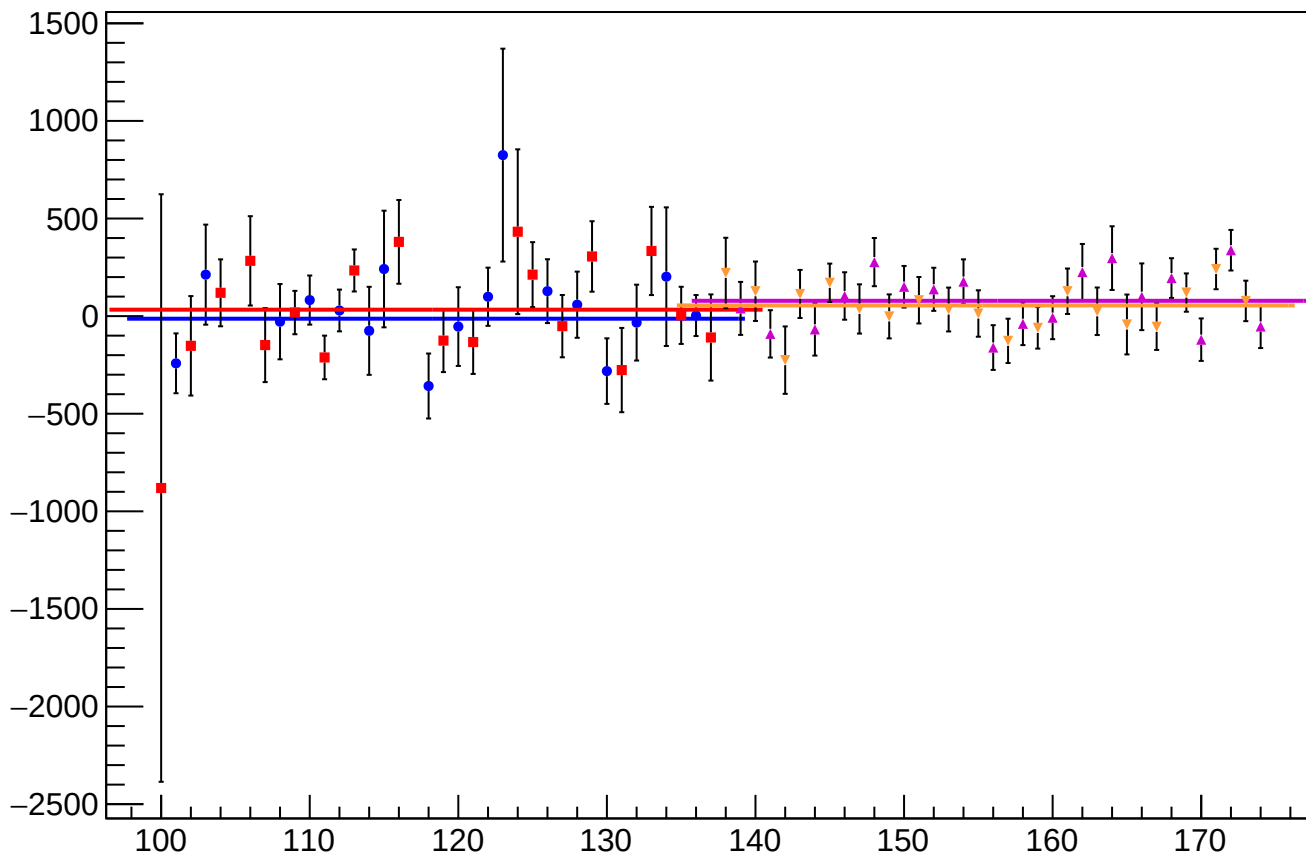
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 681.454+/-0.129 χ^2/NDF : 410105.8/17

Out: 682.681+/-0.129 χ^2/NDF : 547642.4/18

All: 682.069+/-0.091 χ^2/NDF : 957793.4/36

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 54.838 ± 27.216 χ^2/NDF : 15.0/18

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 78.513 ± 27.990 χ^2/NDF : 28.6/17

Left: 66.344 ± 19.513 χ^2/NDF : 44.0/36

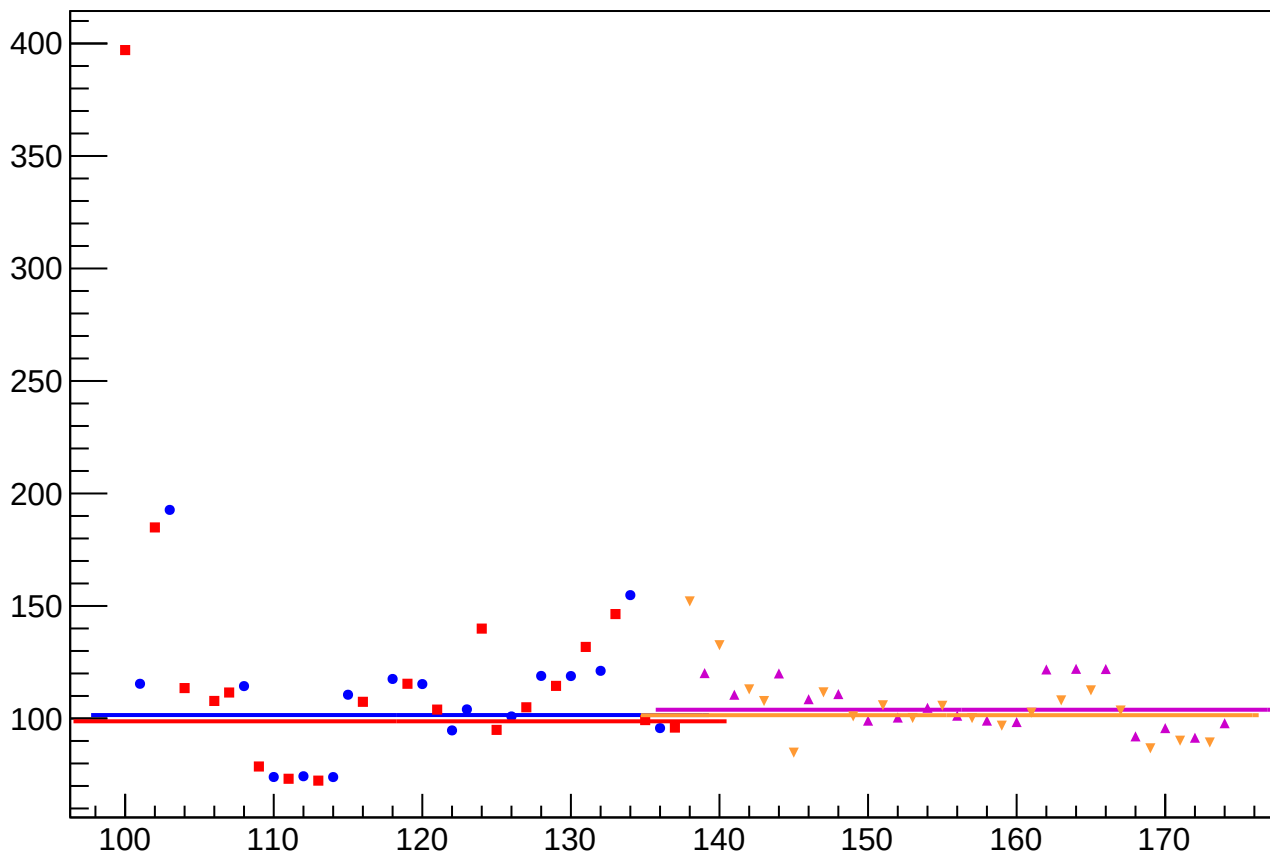
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 48.915 ± 23.036 χ^2/NDF : 47.8/34

Out: 47.665 ± 22.296 χ^2/NDF : 40.3/37

All: 48.270 ± 16.021 χ^2/NDF : 88.0/72

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 101.456 $\pm$ 0.019 χ^2 /NDF: 448780.8/18

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 103.881 $\pm$ 0.020 χ^2 /NDF: 240347.6/17

Left: 102.634 $\pm$ 0.014 χ^2 /NDF: 696845.6/36

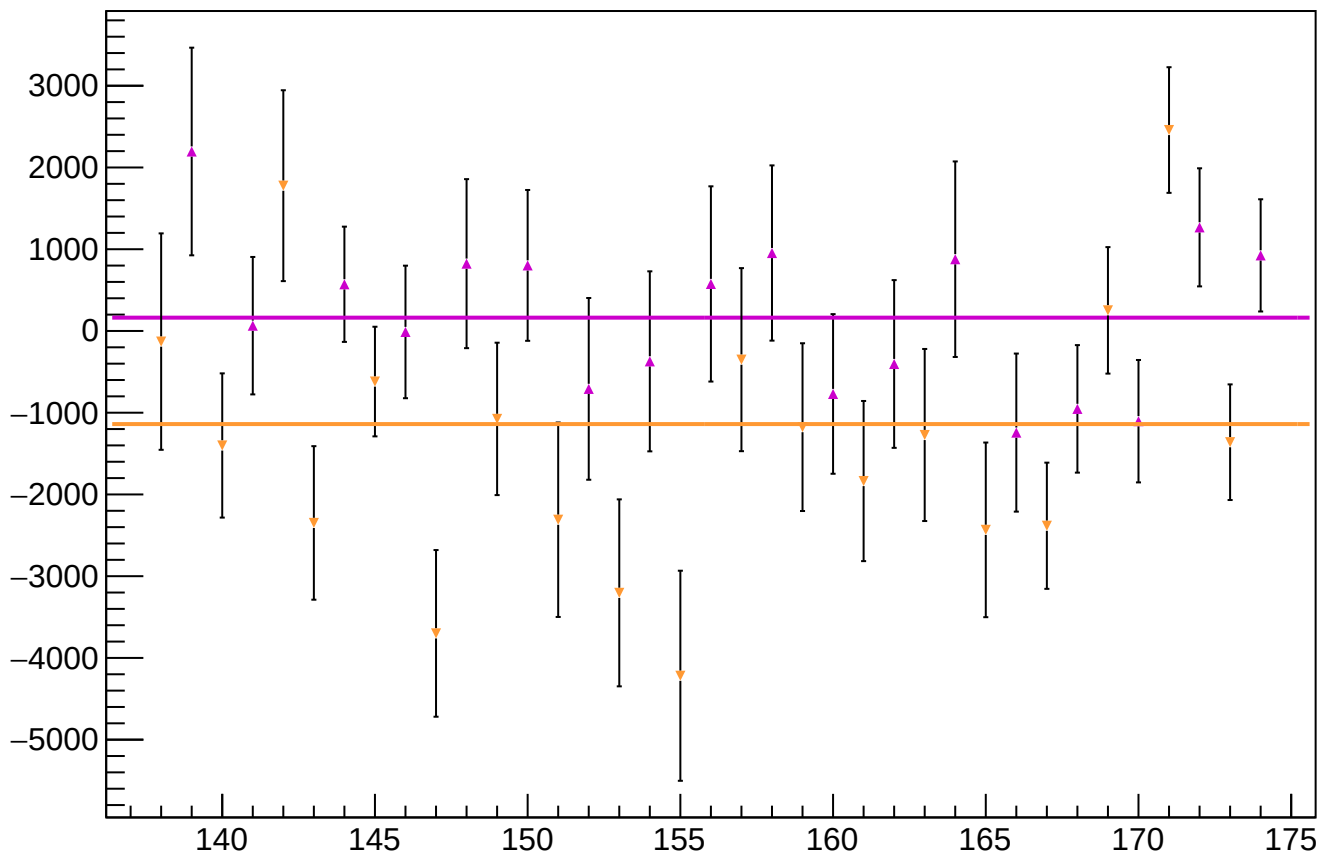
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 103.119 $\pm$ 0.016 χ^2 /NDF: 926656.3/34

Out: 100.561 $\pm$ 0.016 χ^2 /NDF: 1280982.3/37

All: 101.798 $\pm$ 0.011 χ^2 /NDF: 2220367.8/72

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1139.129+/-214.454 χ^2/NDF :55.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 162.768+/-212.642 χ^2/NDF :17.5/17

Left: -482.657+/-150.997 χ^2/NDF : 91.9/36

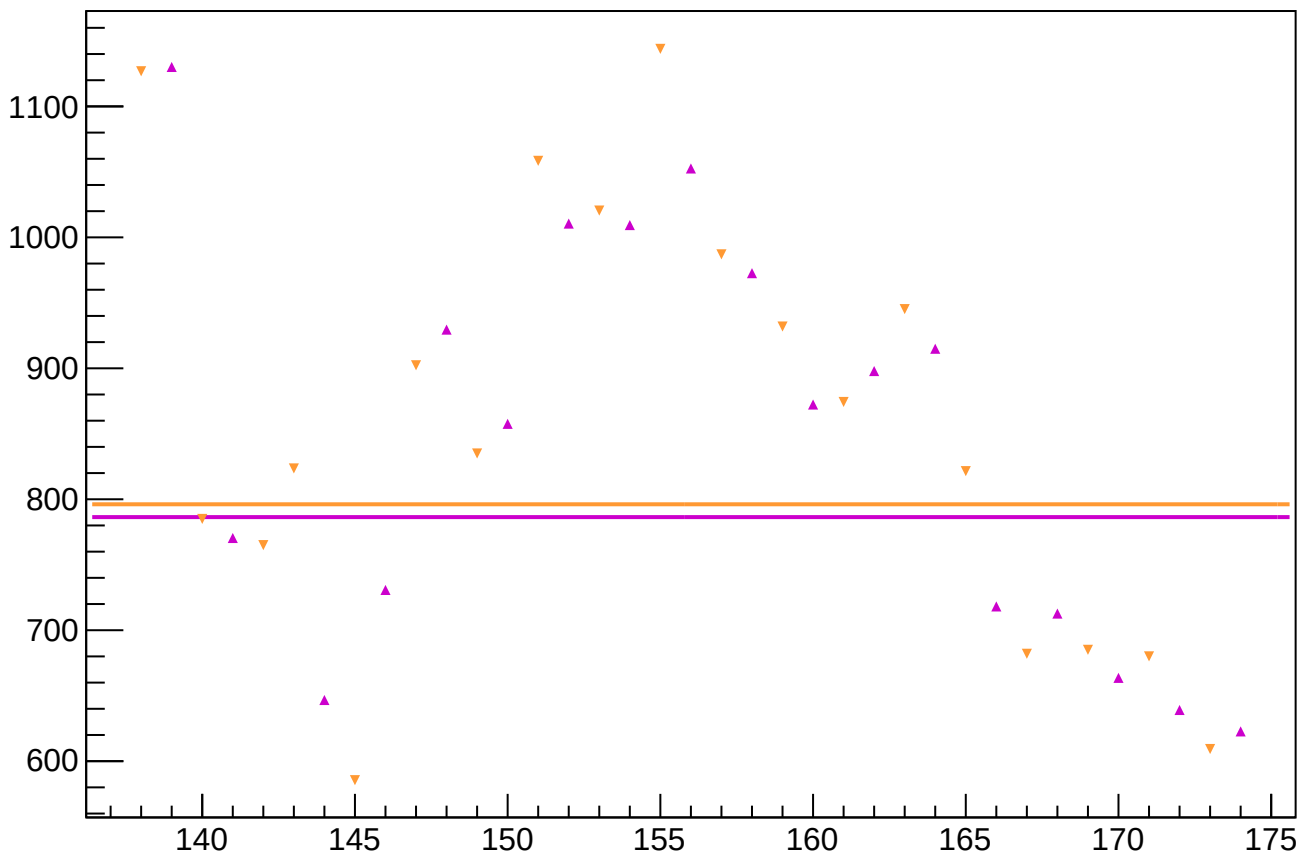
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 162.768+/-212.642 χ^2/NDF :17.5/17

Out: -1139.129+/-214.454 χ^2/NDF :55.8/18

All: -482.657+/-150.997 χ^2/NDF : 91.9/36

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 796.167+/-0.152 χ^2/NDF :1088693.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Left: 791.232+/-0.107 χ^2/NDF : 2039872.1/36

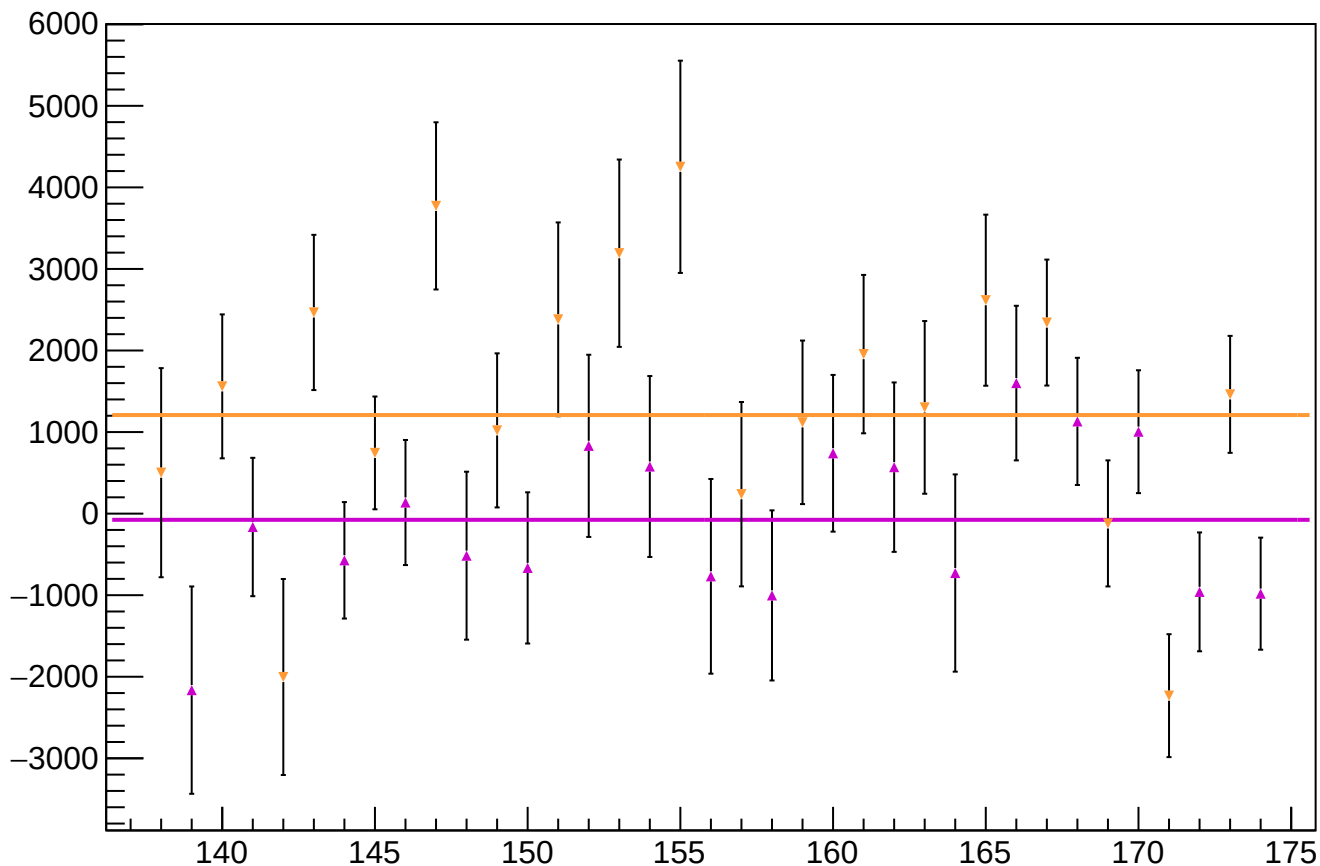
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 786.380+/-0.150 χ^2/NDF :949078.7/17

Out: 796.167+/-0.152 χ^2/NDF :1088693.2/18

All: 791.232+/-0.107 χ^2/NDF : 2039872.1/36

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.530+/-215.131 χ^2/NDF :54.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.953+/-212.096 χ^2/NDF :18.2/17

Left: 557.164+/-151.036 χ^2/NDF : 91.0/36

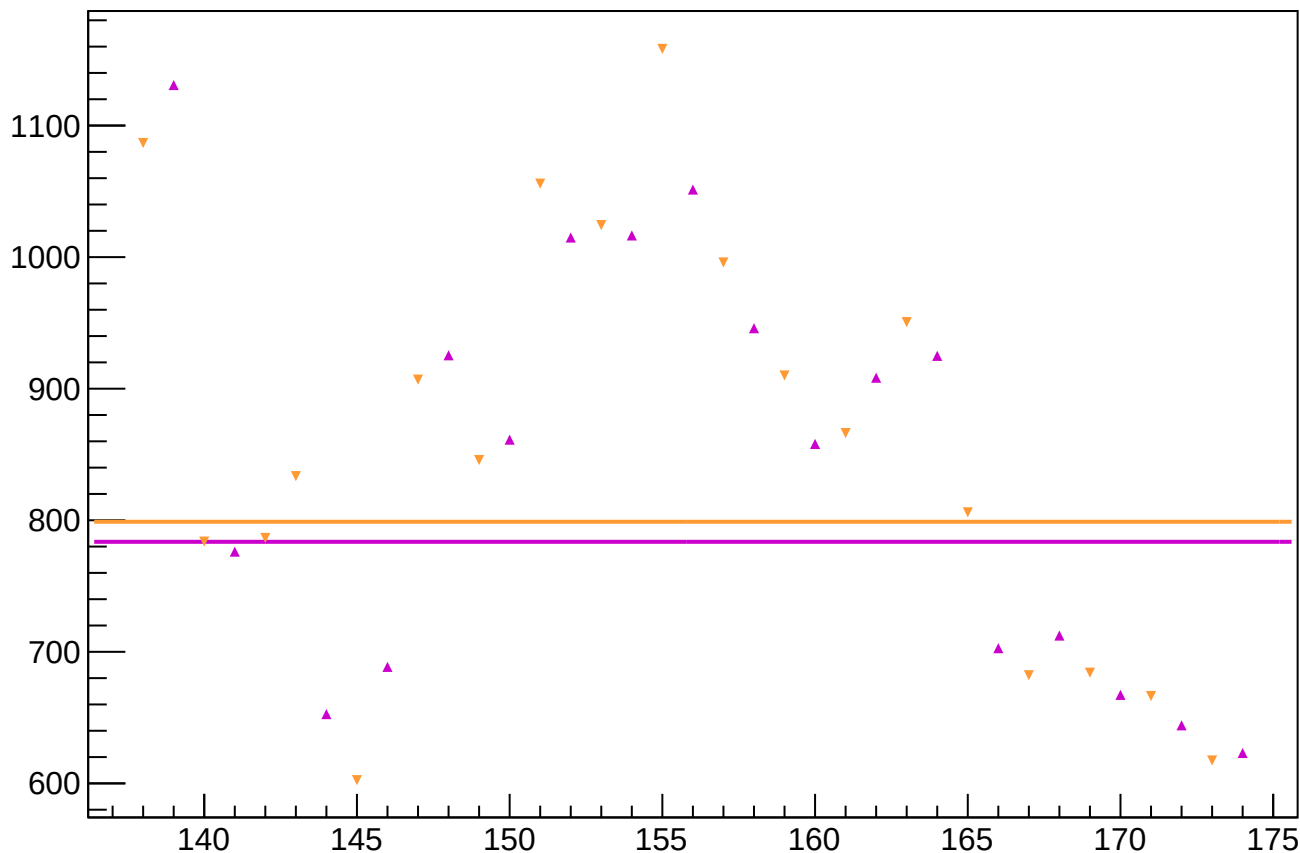
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -75.953+/-212.096 χ^2/NDF :18.2/17

Out: 1208.530+/-215.131 χ^2/NDF :54.8/18

All: 557.164+/-151.036 χ^2/NDF : 91.0/36

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 798.862+/-0.152 χ^2/NDF :1031776.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Left: 791.131+/-0.107 χ^2/NDF : 1988764.9/36

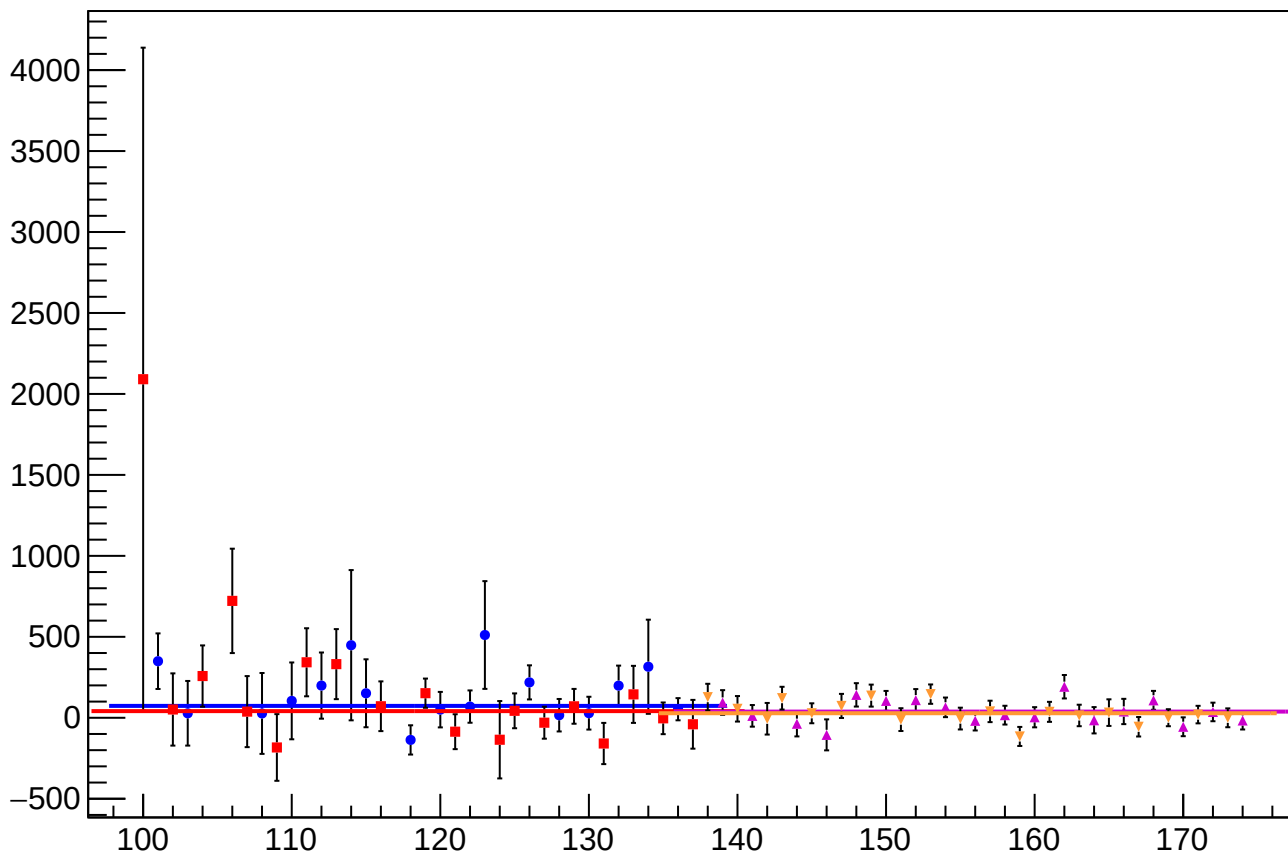
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 783.618+/-0.150 χ^2/NDF :951896.4/17

Out: 798.862+/-0.152 χ^2/NDF :1031776.4/18

All: 791.131+/-0.107 χ^2/NDF : 1988764.9/36

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: 28.149 $\pm$ 15.060 χ^2 /NDF:19.3/18

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 38.247 $\pm$ 15.485 χ^2 /NDF:19.6/17

Left: 33.058 $\pm$ 10.796 χ^2 /NDF: 39.2/36

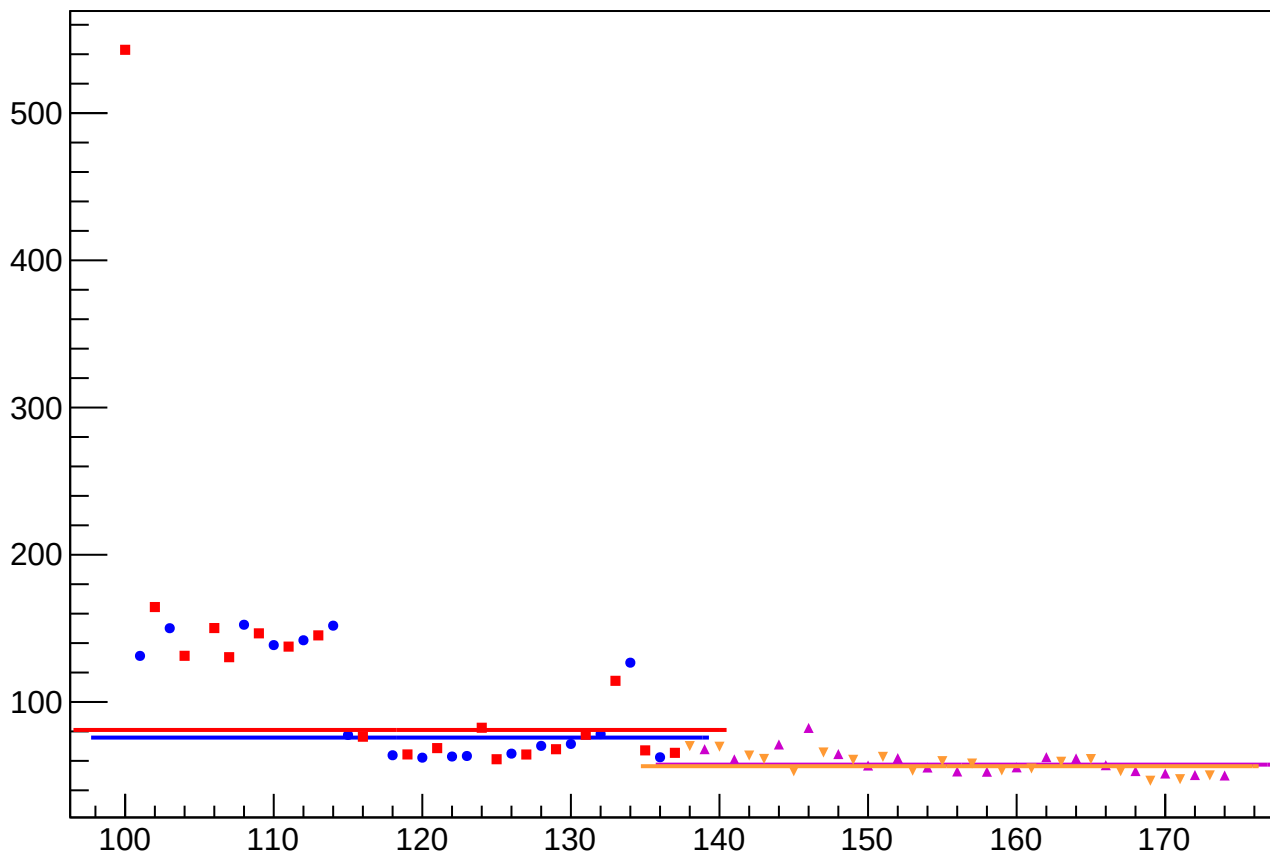
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 45.254 $\pm$ 13.858 χ^2 /NDF:35.9/34

Out: 30.414 $\pm$ 13.682 χ^2 /NDF:38.7/37

All: 37.739 $\pm$ 9.736 χ^2 /NDF: 75.2/72

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 56.376 $\pm$ 0.011 χ^2 /NDF: 376485.2/18

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 57.443 $\pm$ 0.011 χ^2 /NDF: 411847.2/17

Left: 56.895 $\pm$ 0.008 χ^2 /NDF: 793210.7/36

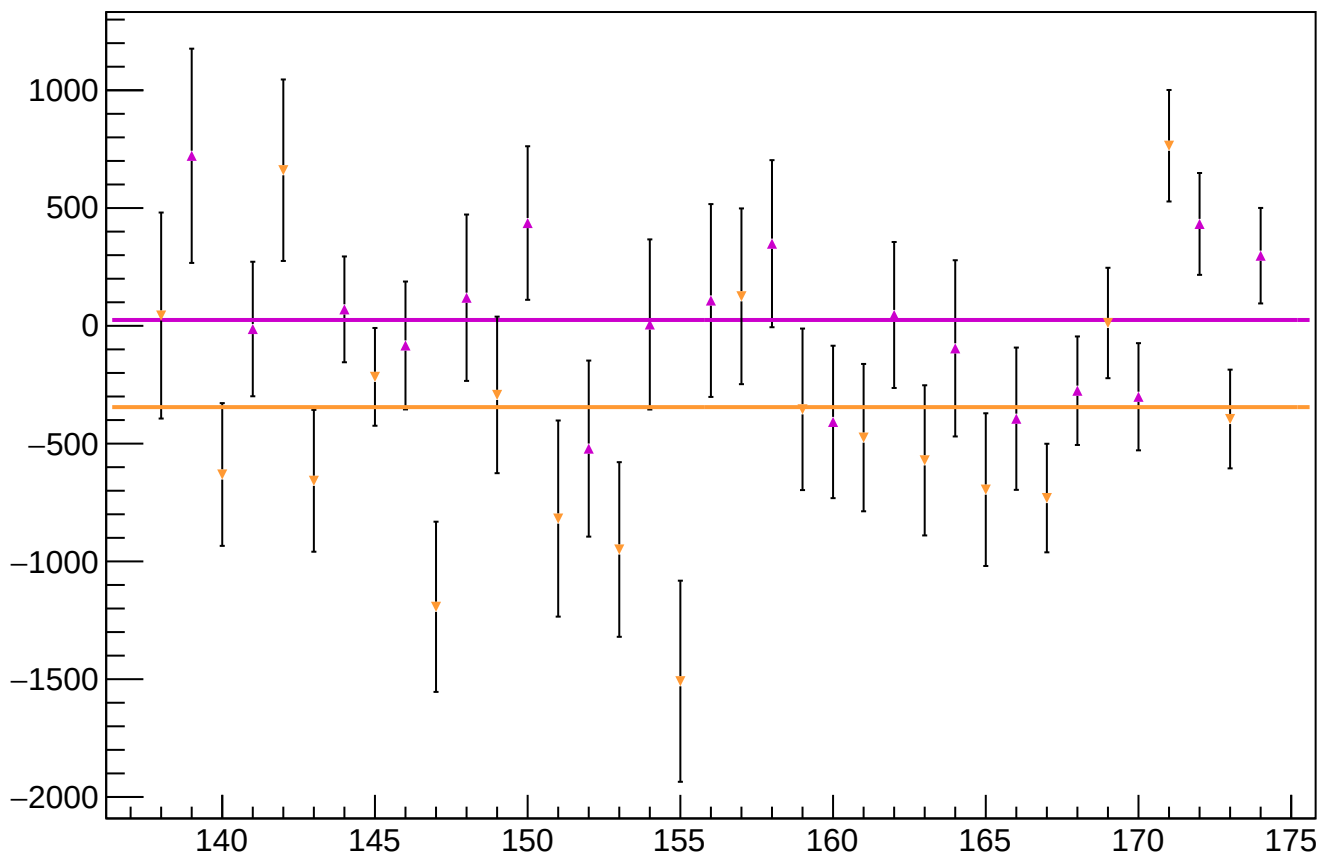
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 61.101 $\pm$ 0.010 χ^2 /NDF: 2322549.6/34

Out: 60.676 $\pm$ 0.010 χ^2 /NDF: 2938085.2/37

All: 60.886 $\pm$ 0.007 χ^2 /NDF: 5261587.6/72

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -345.050+/-68.150 χ^2/NDF :57.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 24.882+/-67.627 χ^2/NDF :20.2/17

Left: -158.660+/-48.004 χ^2/NDF : 92.5/36

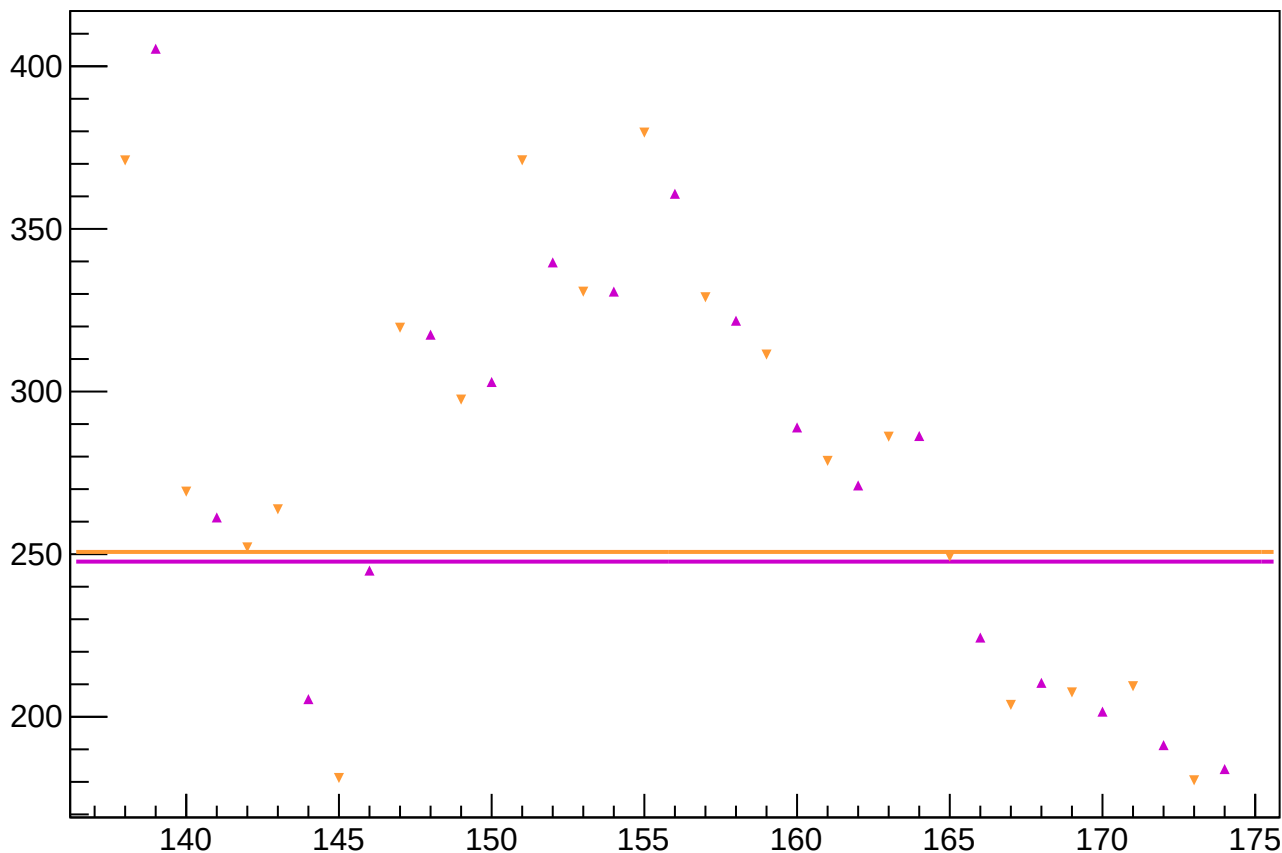
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 24.882+/-67.627 χ^2/NDF :20.2/17

Out: -345.050+/-68.150 χ^2/NDF :57.5/18

All: -158.660+/-48.004 χ^2/NDF : 92.5/36

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 250.693+/-0.048 χ^2/NDF :1570658.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Left: 249.192+/-0.034 χ^2/NDF : 3036711.7/36

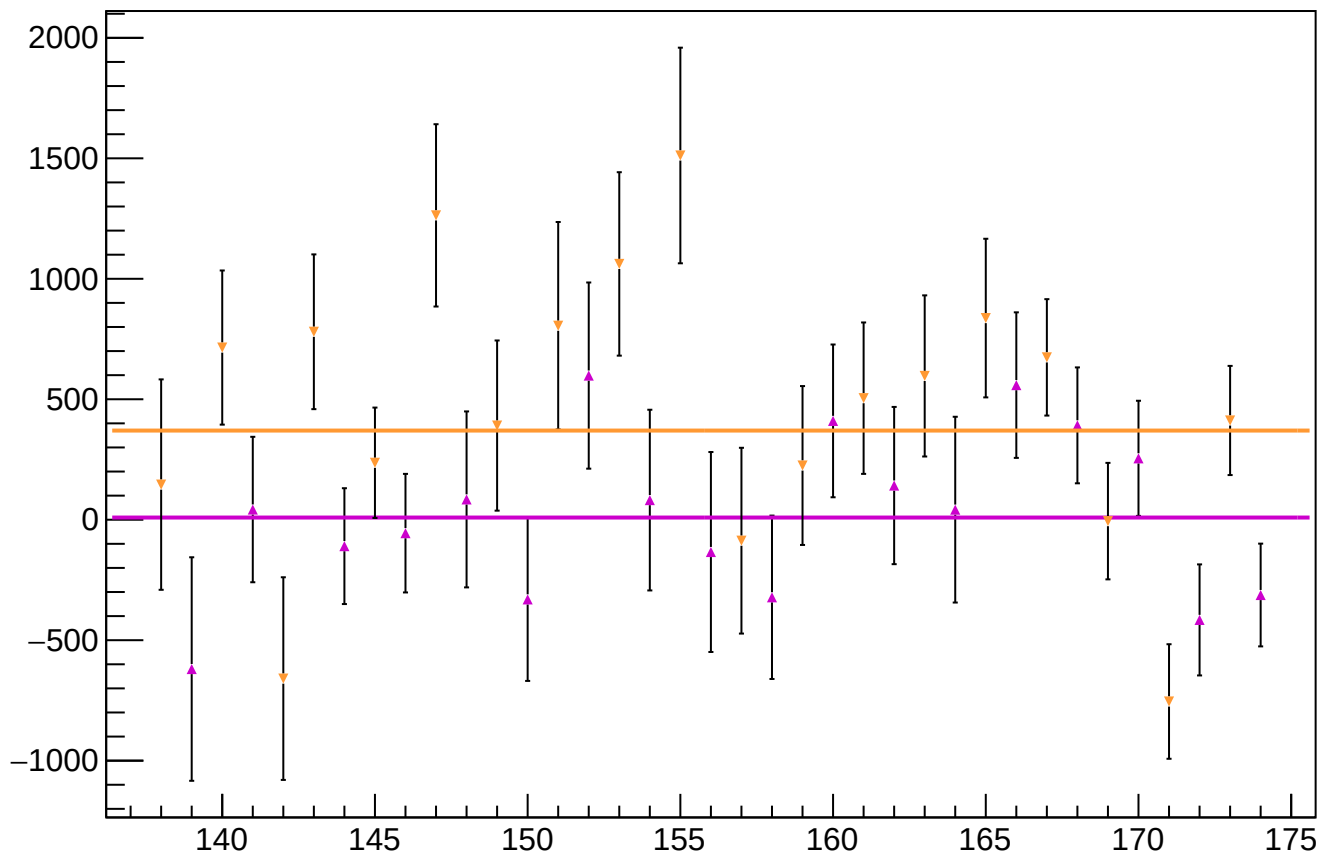
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.714+/-0.048 χ^2/NDF :1464128.3/17

Out: 250.693+/-0.048 χ^2/NDF :1570658.4/18

All: 249.192+/-0.034 χ^2/NDF : 3036711.7/36

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 370.109+/-71.181 χ^2/NDF :56.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 9.074+/-69.565 χ^2/NDF :21.0/17

Left: 185.448+/-49.751 χ^2/NDF : 90.6/36

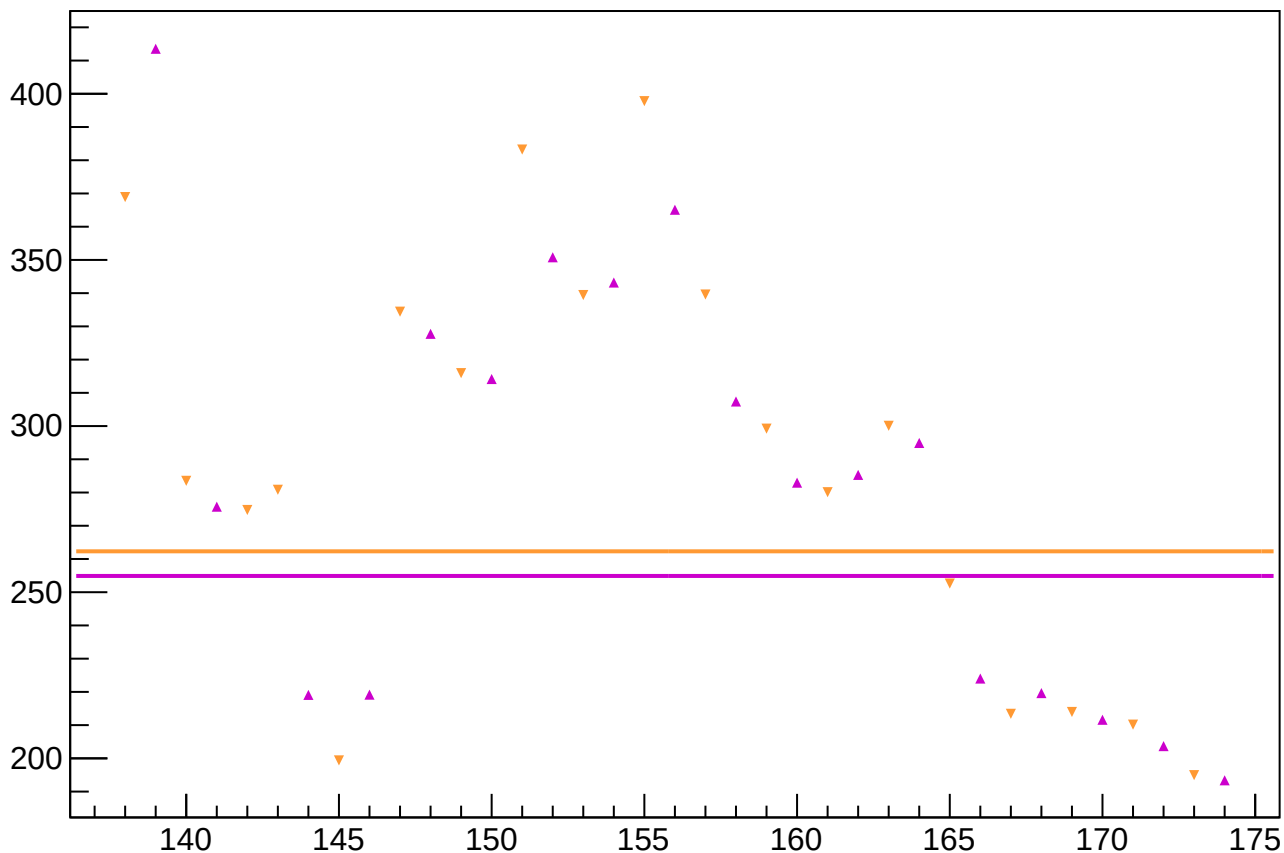
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 9.074+/-69.565 χ^2/NDF :21.0/17

Out: 370.109+/-71.181 χ^2/NDF :56.5/18

All: 185.448+/-49.751 χ^2/NDF : 90.6/36

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 262.305+/-0.050 χ^2/NDF :1403419.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Left: 258.515+/-0.035 χ^2/NDF : 2757868.6/36

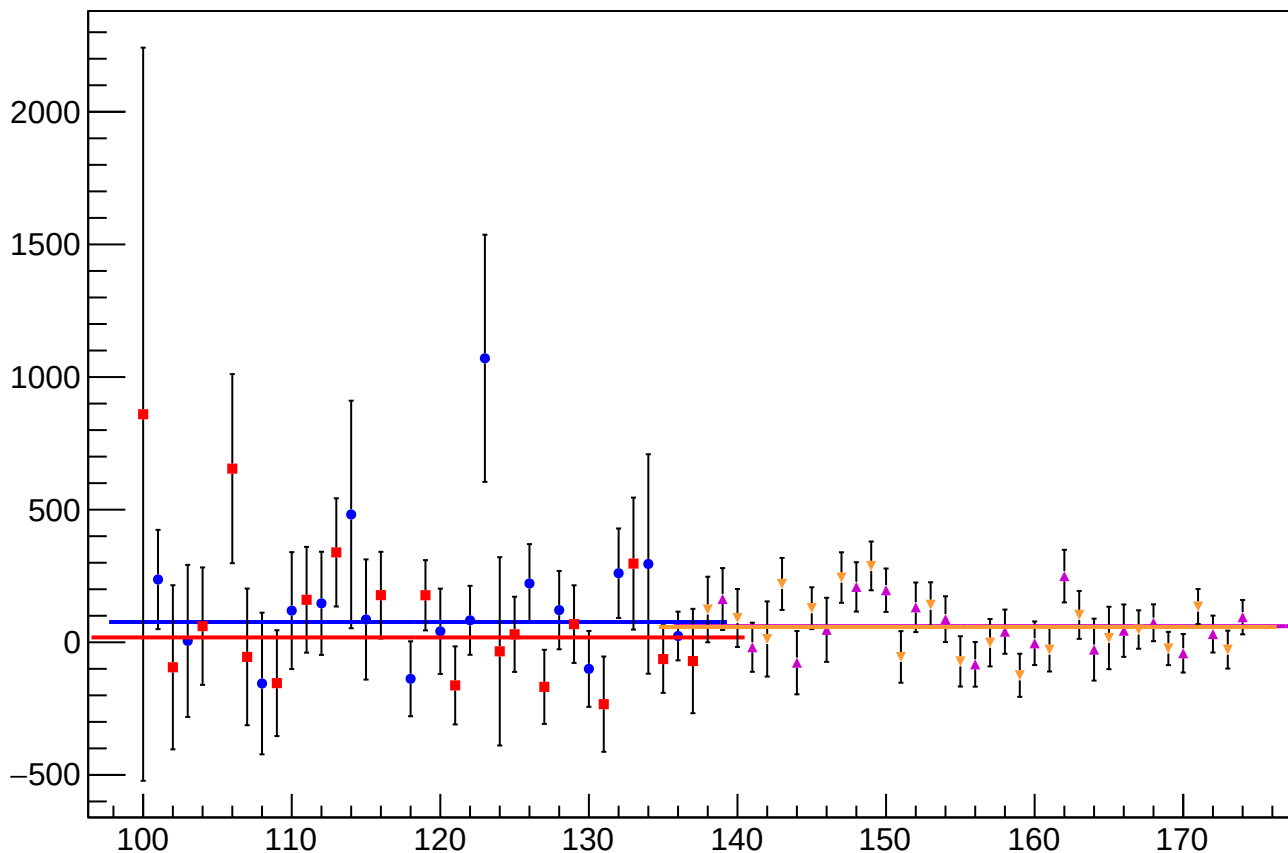
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 254.895+/-0.049 χ^2/NDF :1343363.2/17

Out: 262.305+/-0.050 χ^2/NDF :1403419.0/18

All: 258.515+/-0.035 χ^2/NDF : 2757868.6/36

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: 57.626 $\pm$ 19.848 χ^2 /NDF:29.7/18

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 60.863 $\pm$ 20.436 χ^2 /NDF:19.1/17

Left: 59.197 $\pm$ 14.238 χ^2 /NDF: 48.8/36

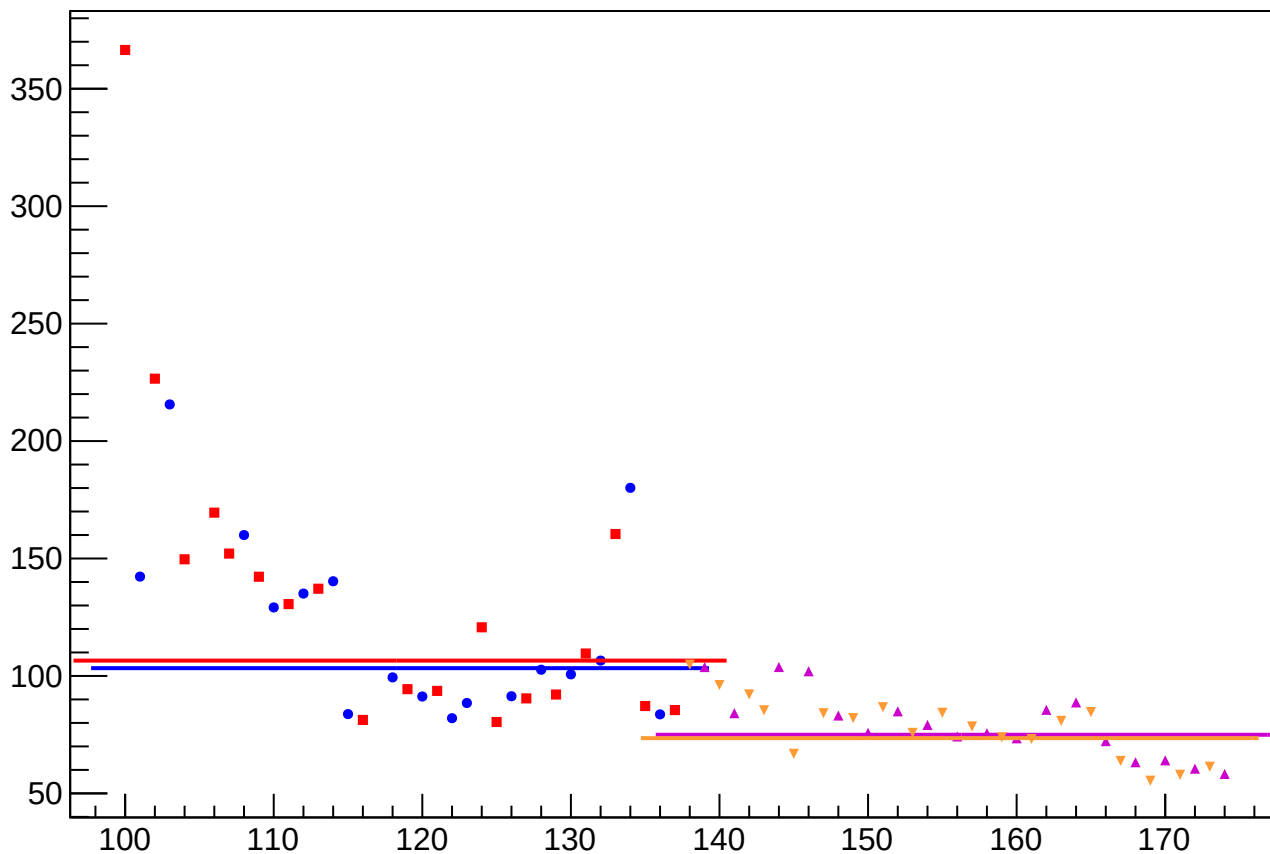
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 63.909 $\pm$ 18.338 χ^2 /NDF:33.1/34

Out: 50.540 $\pm$ 17.967 χ^2 /NDF:47.6/37

All: 57.088 $\pm$ 12.834 χ^2 /NDF: 81.0/72

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 73.523 $\pm$ 0.014 χ^2 /NDF: 808317.3/18

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 74.959 $\pm$ 0.014 χ^2 /NDF: 775325.2/17

Left: 74.220 $\pm$ 0.010 χ^2 /NDF: 1588725.4/36

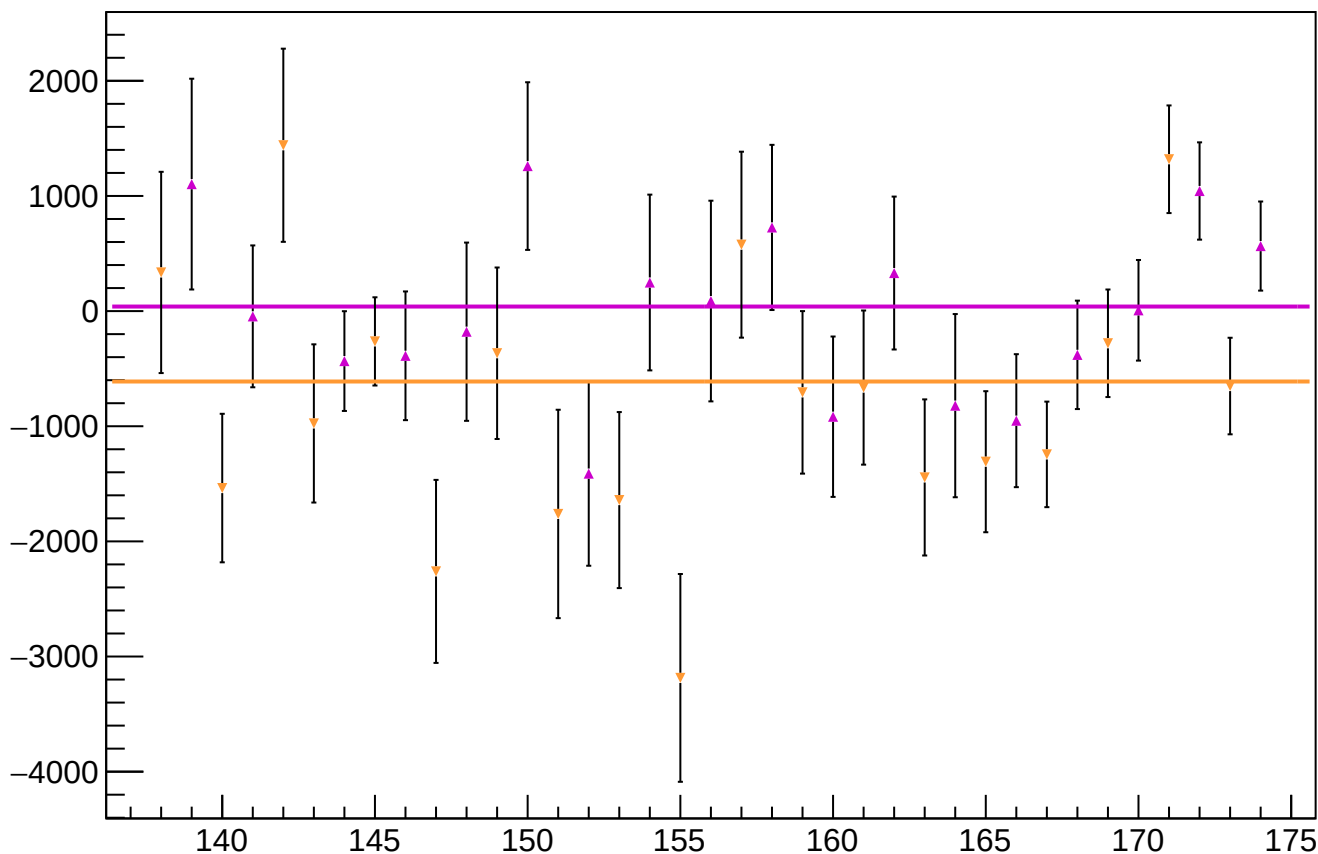
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 80.481 $\pm$ 0.013 χ^2 /NDF: 2363110.6/34

Out: 79.484 $\pm$ 0.013 χ^2 /NDF: 2878925.6/37

All: 79.972 $\pm$ 0.009 χ^2 /NDF: 5245051.3/72

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -611.462+/-138.888 χ^2/NDF :50.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.574+/-136.853 χ^2/NDF :24.8/17

Left: -281.138+/-97.481 χ^2/NDF : 86.7/36

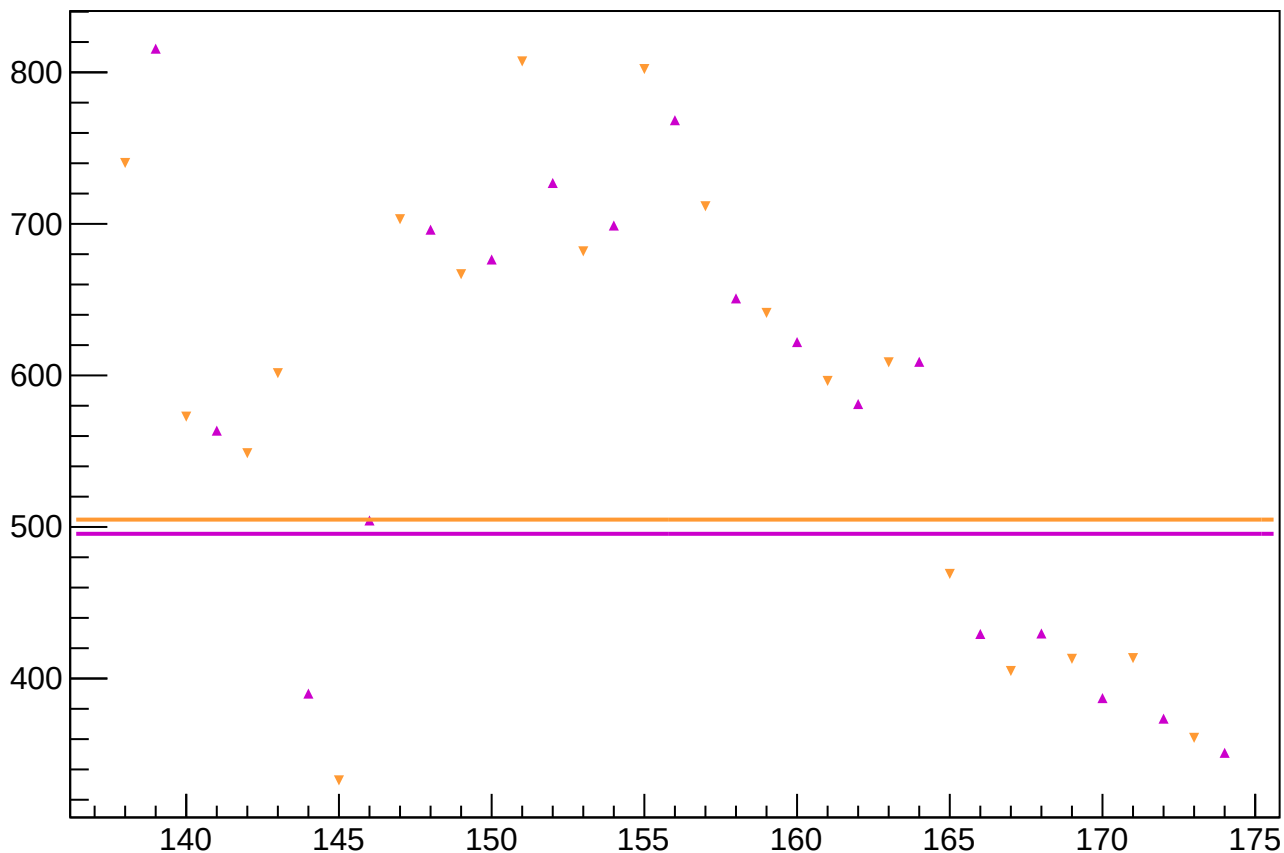
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.574+/-136.853 χ^2/NDF :24.8/17

Out: -611.462+/-138.888 χ^2/NDF :50.8/18

All: -281.138+/-97.481 χ^2/NDF : 86.7/36

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 504.858+/-0.098 χ^2/NDF :2164085.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Left: 500.103+/-0.069 χ^2/NDF : 4188392.3/36

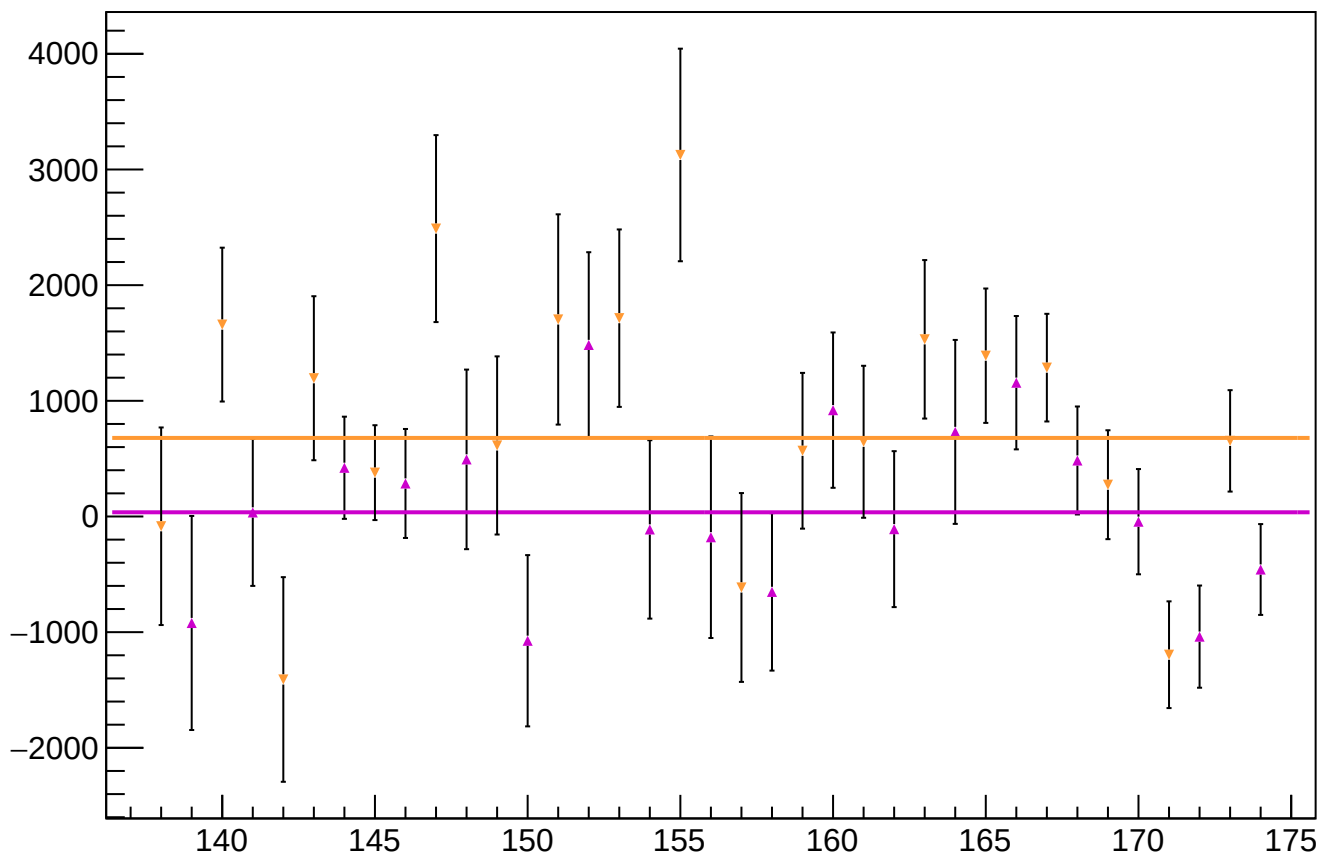
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 495.487+/-0.097 χ^2/NDF :2019686.6/17

Out: 504.858+/-0.098 χ^2/NDF :2164085.6/18

All: 500.103+/-0.069 χ^2/NDF : 4188392.3/36

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 679.245+/-140.991 χ^2/NDF :49.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 36.327+/-136.697 χ^2/NDF :23.9/17

Left: 347.847+/-98.143 χ^2/NDF : 83.9/36

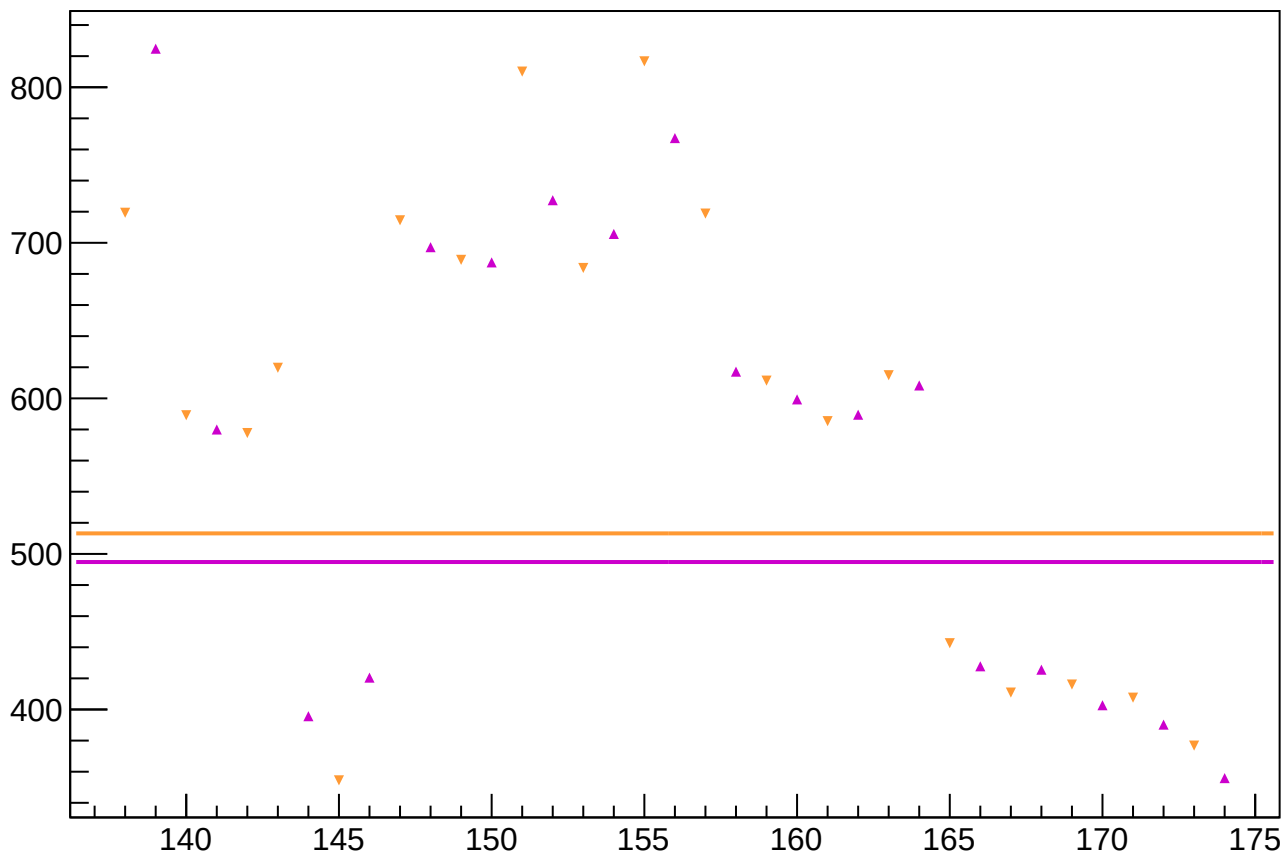
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 36.327+/-136.697 χ^2/NDF :23.9/17

Out: 679.245+/-140.991 χ^2/NDF :49.3/18

All: 347.847+/-98.143 χ^2/NDF : 83.9/36

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 513.206+/-0.100 χ^2/NDF :2004268.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Left: 503.715+/-0.069 χ^2/NDF : 3956248.2/36

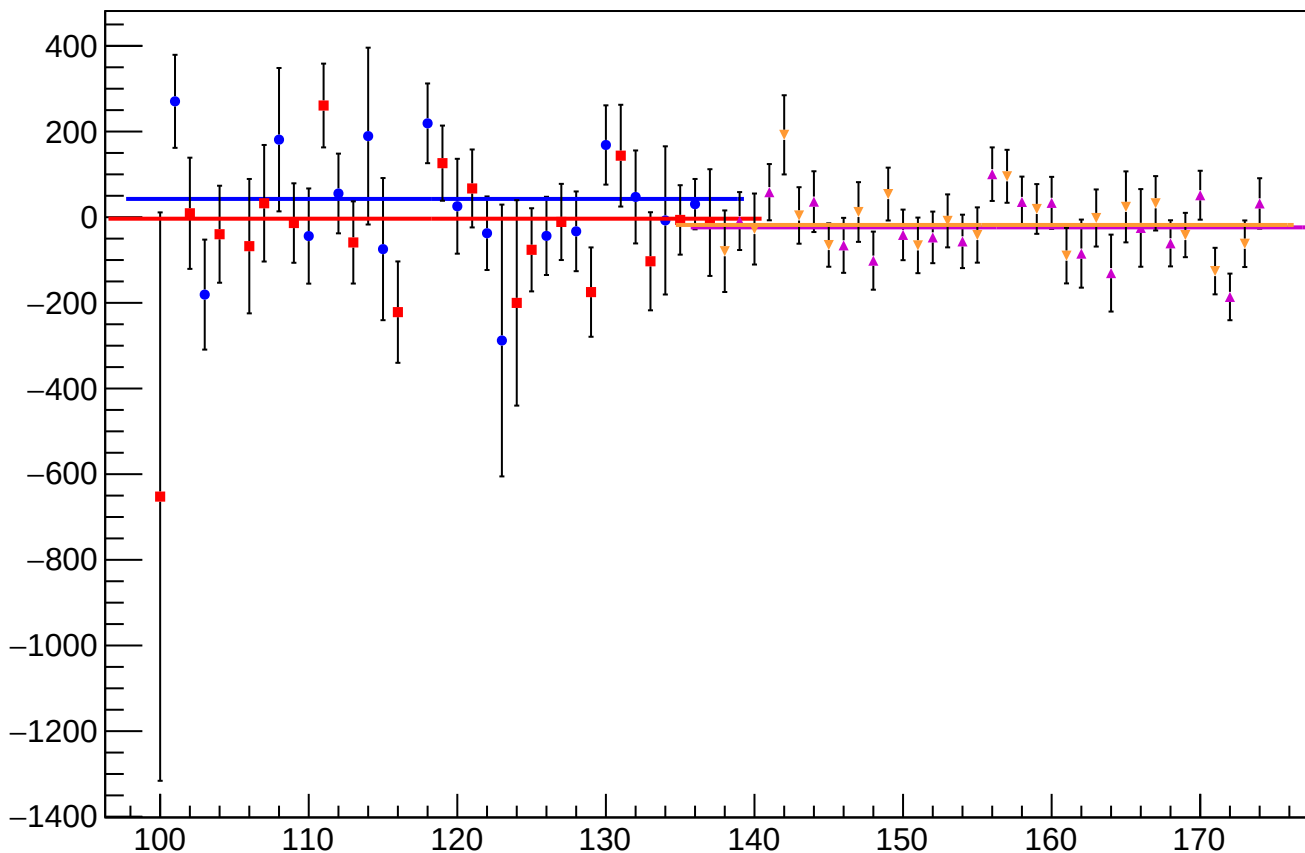
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 494.793+/-0.097 χ^2/NDF :1934397.0/17

Out: 513.206+/-0.100 χ^2/NDF :2004268.3/18

All: 503.715+/-0.069 χ^2/NDF : 3956248.2/36

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: -18.126 $\pm$ 14.642 χ^2 /NDF:19.6/18

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -23.773 $\pm$ 15.034 χ^2 /NDF:24.5/17

Left: -20.875 $\pm$ 10.489 χ^2 /NDF: 44.1/36

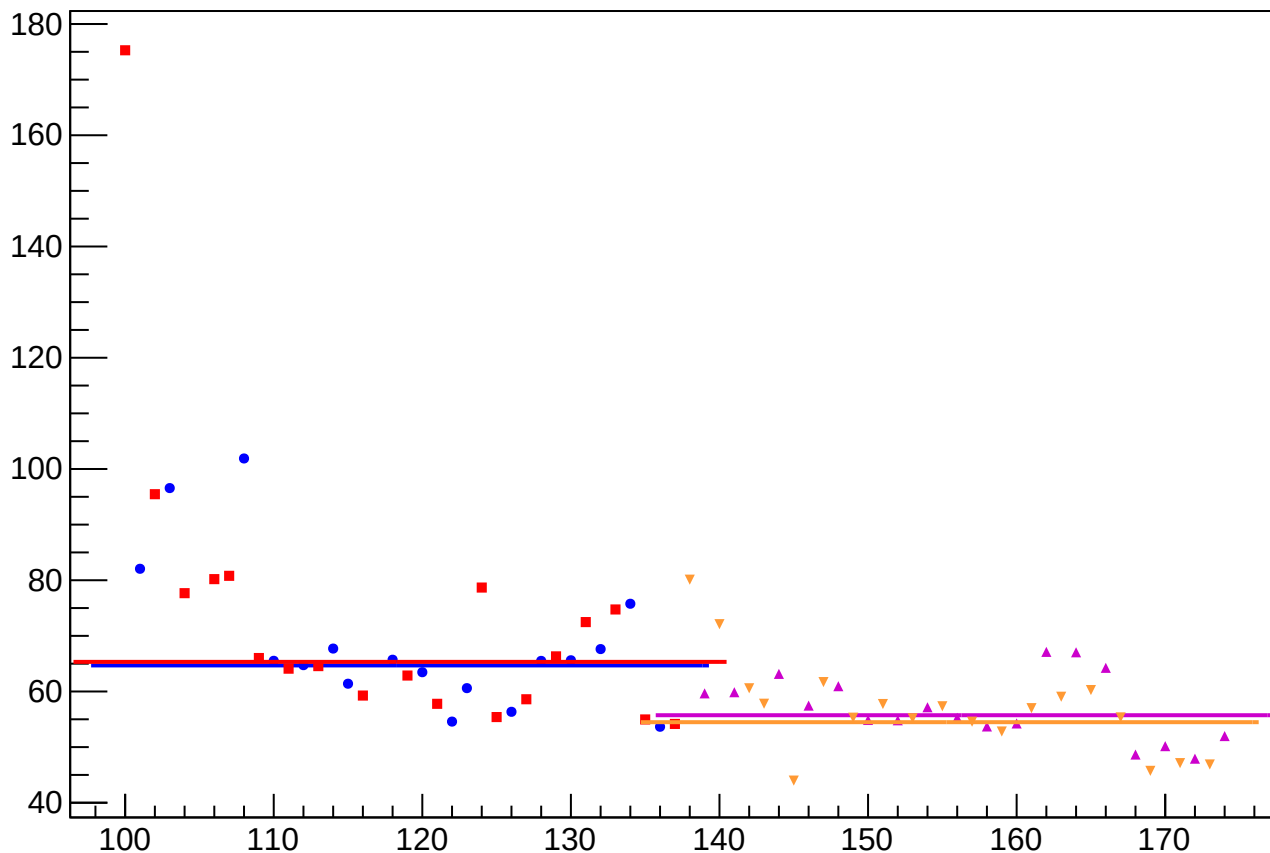
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -6.625 $\pm$ 12.949 χ^2 /NDF:48.3/34

Out: -14.407 $\pm$ 12.644 χ^2 /NDF:41.2/37

All: -10.609 $\pm$ 9.046 χ^2 /NDF: 89.7/72

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 ± 0.018 χ^2/NDF : 400187.1/16

Left Out: 54.481 ± 0.010 χ^2/NDF : 522851.5/18

Right Out: 65.324 ± 0.018 χ^2/NDF : 359570.8/18

Left In: 55.733 ± 0.011 χ^2/NDF : 248740.4/17

Left: 55.091 ± 0.007 χ^2/NDF : 778707.2/36

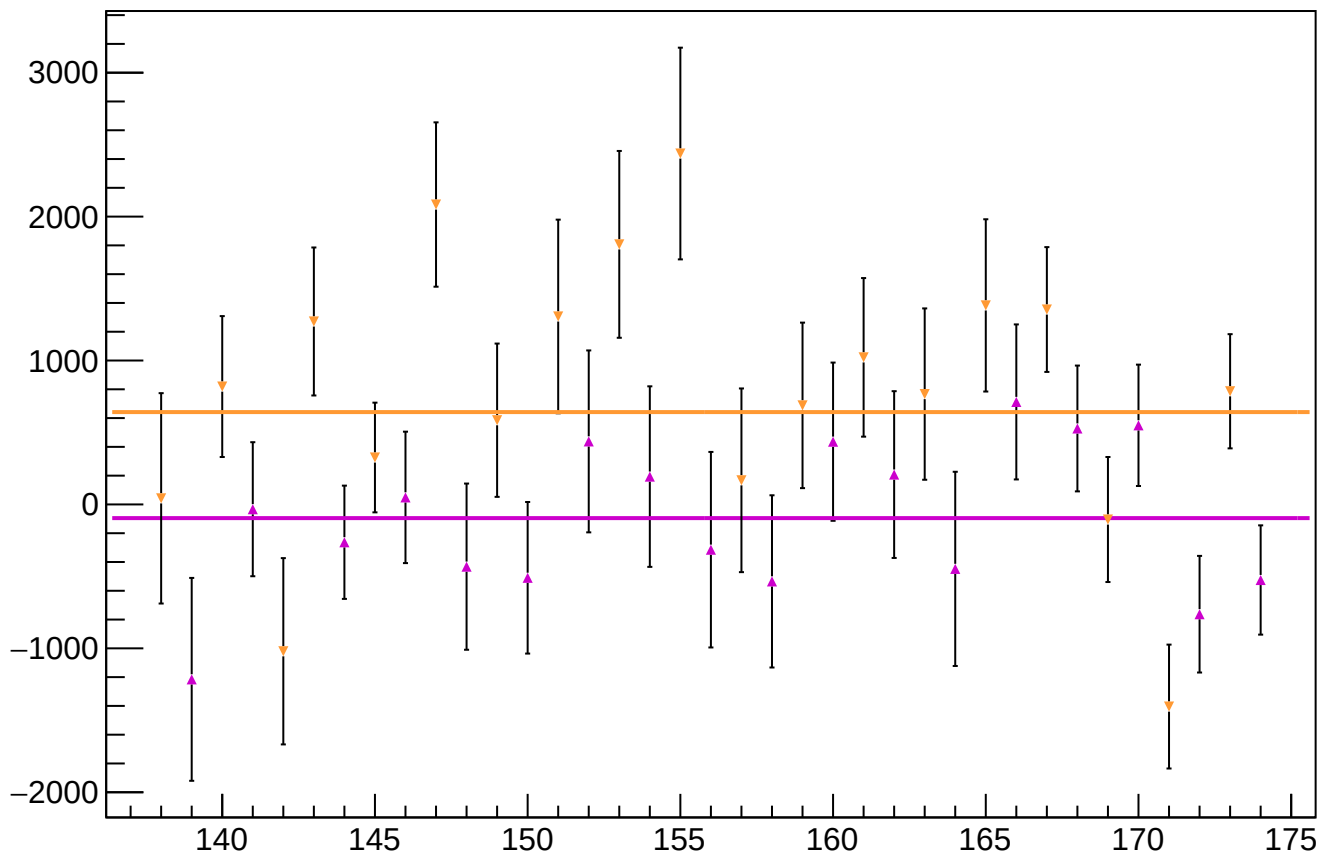
Right: 65.010 ± 0.013 χ^2/NDF : 760396.9/35

In: 58.044 ± 0.009 χ^2/NDF : 832008.0/34

Out: 57.239 ± 0.009 χ^2/NDF : 1161396.9/37

All: 57.632 ± 0.006 χ^2/NDF : 1997359.2/72

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: 641.670 ± 120.496 $\chi^2/\text{NDF}: 57.1/18$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -95.106 ± 119.267 $\chi^2/\text{NDF}: 17.4/17$

Left: 269.508 ± 84.766 $\chi^2/\text{NDF}: 93.5/36$

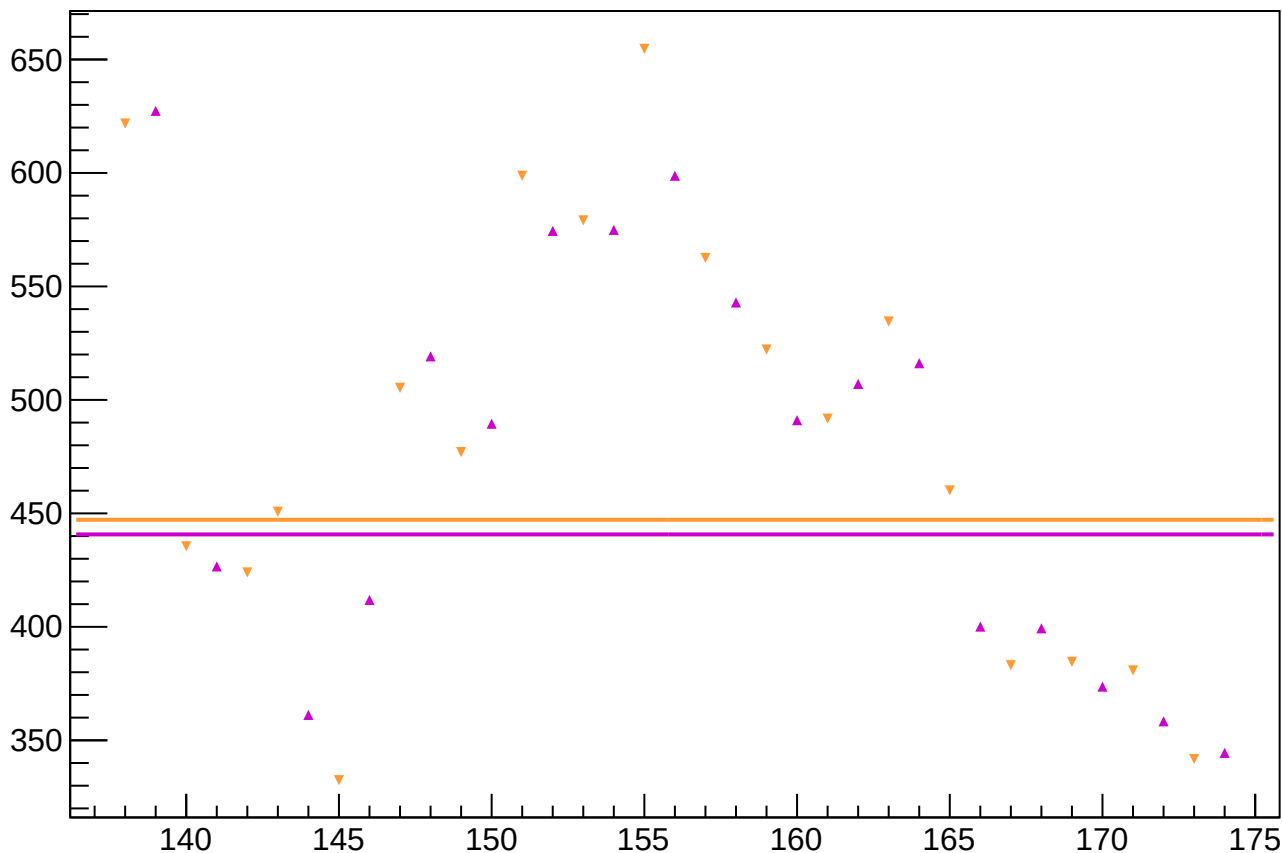
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -95.106 ± 119.267 $\chi^2/\text{NDF}: 17.4/17$

Out: 641.670 ± 120.496 $\chi^2/\text{NDF}: 57.1/18$

All: 269.508 ± 84.766 $\chi^2/\text{NDF}: 93.5/36$

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: 447.191+/-0.085 χ^2/NDF :1100095.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Left: 443.931+/-0.060 χ^2/NDF : 2095375.2/36

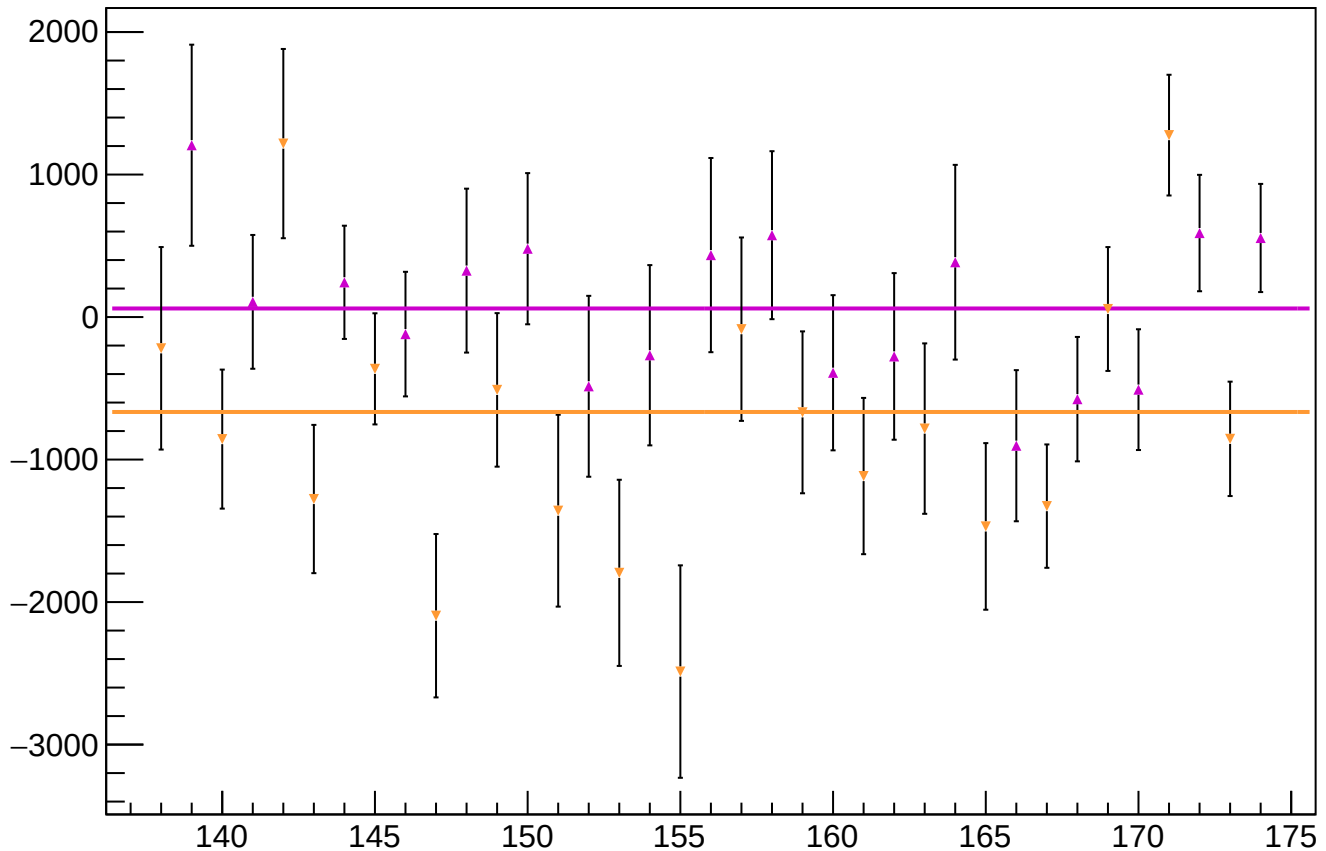
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 440.737+/-0.084 χ^2/NDF :992381.0/17

Out: 447.191+/-0.085 χ^2/NDF :1100095.5/18

All: 443.931+/-0.060 χ^2/NDF : 2095375.2/36

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -666.084+/-120.791 χ^2/NDF : 56.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 60.206+/-119.137 χ^2/NDF : 17.8/17

Left: -297.933+/-84.821 χ^2/NDF : 92.8/36

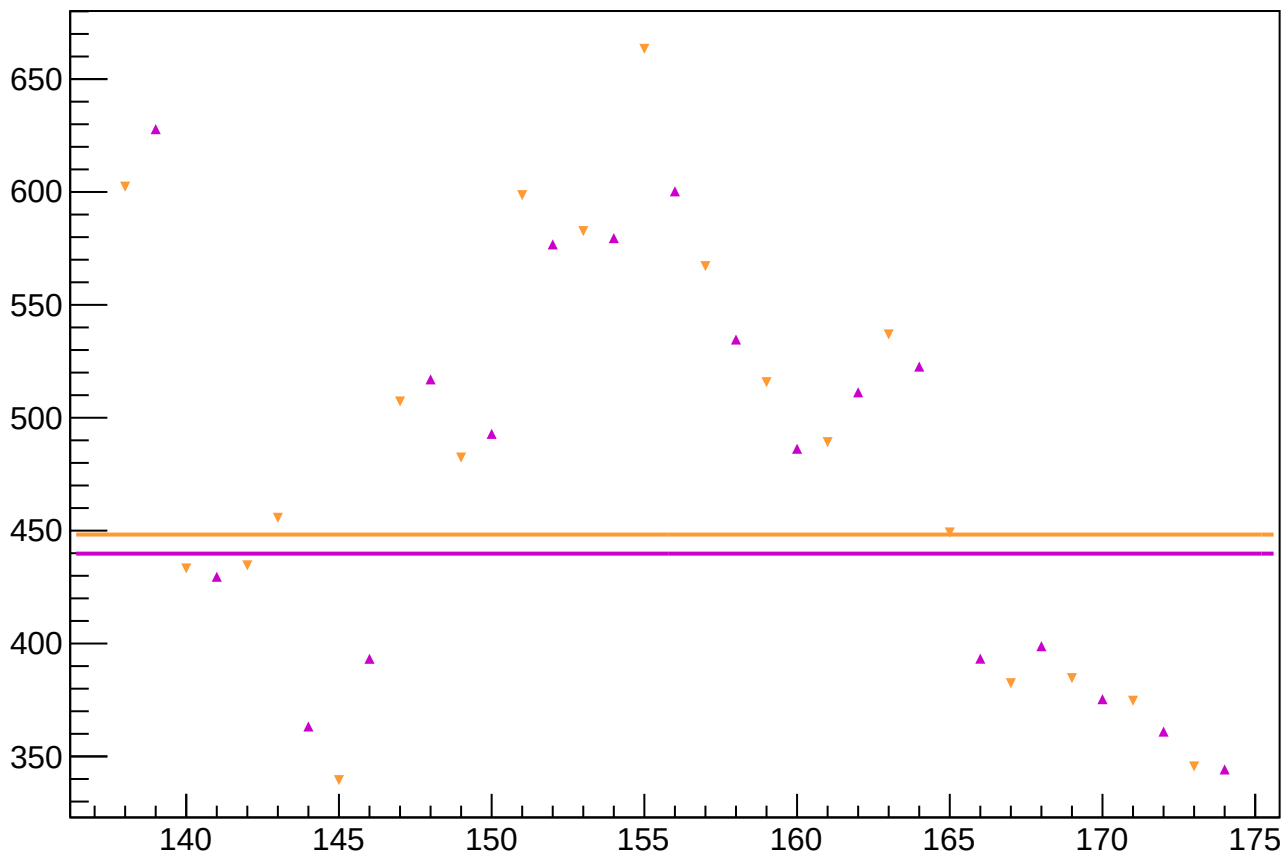
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 60.206+/-119.137 χ^2/NDF : 17.8/17

Out: -666.084+/-120.791 χ^2/NDF : 56.7/18

All: -297.933+/-84.821 χ^2/NDF : 92.8/36

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 448.266+/-0.085 χ^2/NDF :1065078.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Left: 443.985+/-0.060 χ^2/NDF : 2073925.0/36

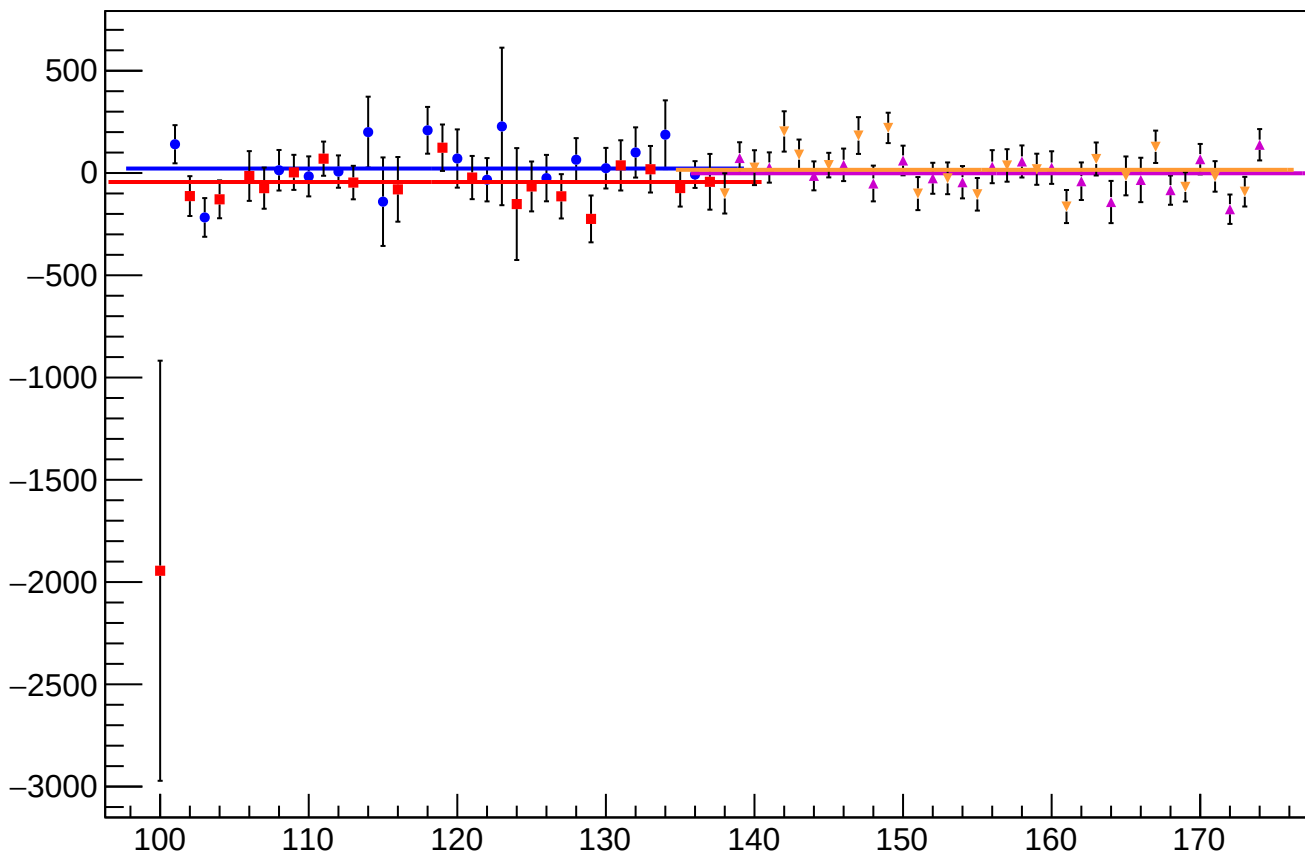
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 439.820+/-0.084 χ^2/NDF :1003890.3/17

Out: 448.266+/-0.085 χ^2/NDF :1065078.2/18

All: 443.985+/-0.060 χ^2/NDF : 2073925.0/36

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: 15.636 ± 18.078 χ^2/NDF : 33.1/18

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: -1.270 ± 18.653 χ^2/NDF : 17.3/17

Left: 7.447 ± 12.982 χ^2/NDF : 50.9/36

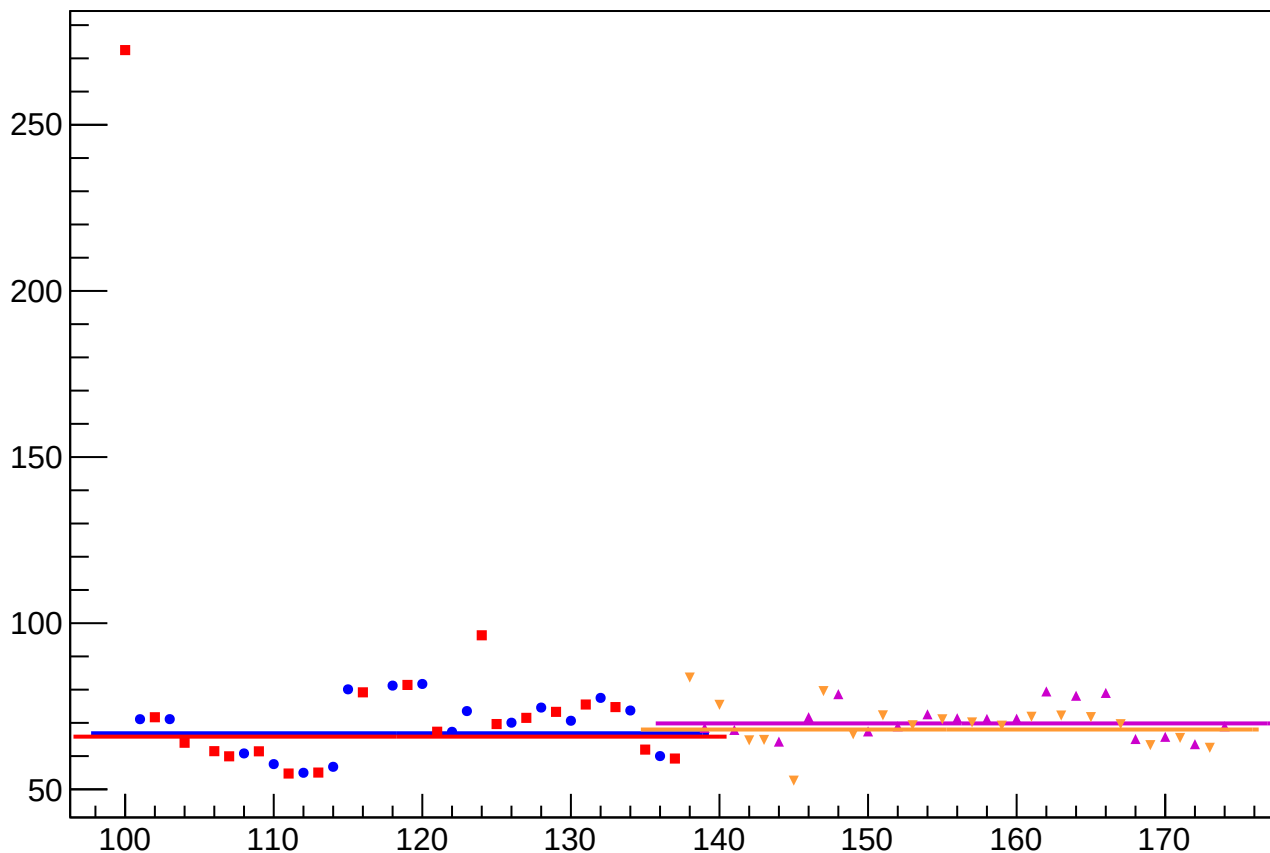
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 6.584 ± 15.167 χ^2/NDF : 32.9/34

Out: -4.709 ± 14.671 χ^2/NDF : 50.1/37

All: 0.750 ± 10.545 χ^2/NDF : 83.3/72

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 67.999 ± 0.013 χ^2/NDF : 283936.4/18

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 69.835 ± 0.013 χ^2/NDF : 121375.9/17

Left: 68.889 ± 0.009 χ^2/NDF : 415306.3/36

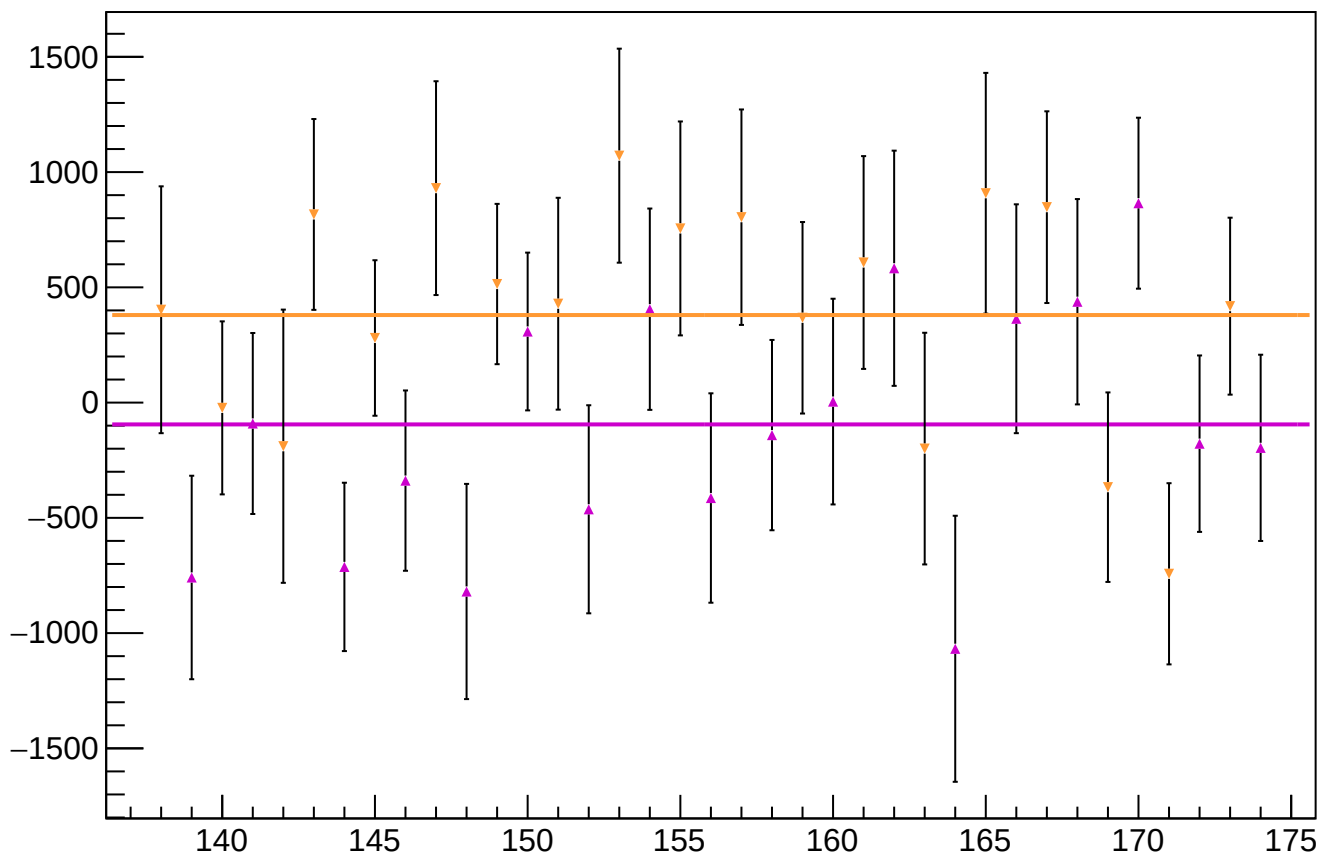
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 68.831 ± 0.011 χ^2/NDF : 340996.2/34

Out: 67.267 ± 0.010 χ^2/NDF : 593423.8/37

All: 68.023 ± 0.007 χ^2/NDF : 945413.1/72

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 379.848+/-98.701 χ^2/NDF :23.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -94.622+/-99.583 χ^2/NDF :25.5/17

Left: 144.724+/-70.102 χ^2/NDF : 60.9/36

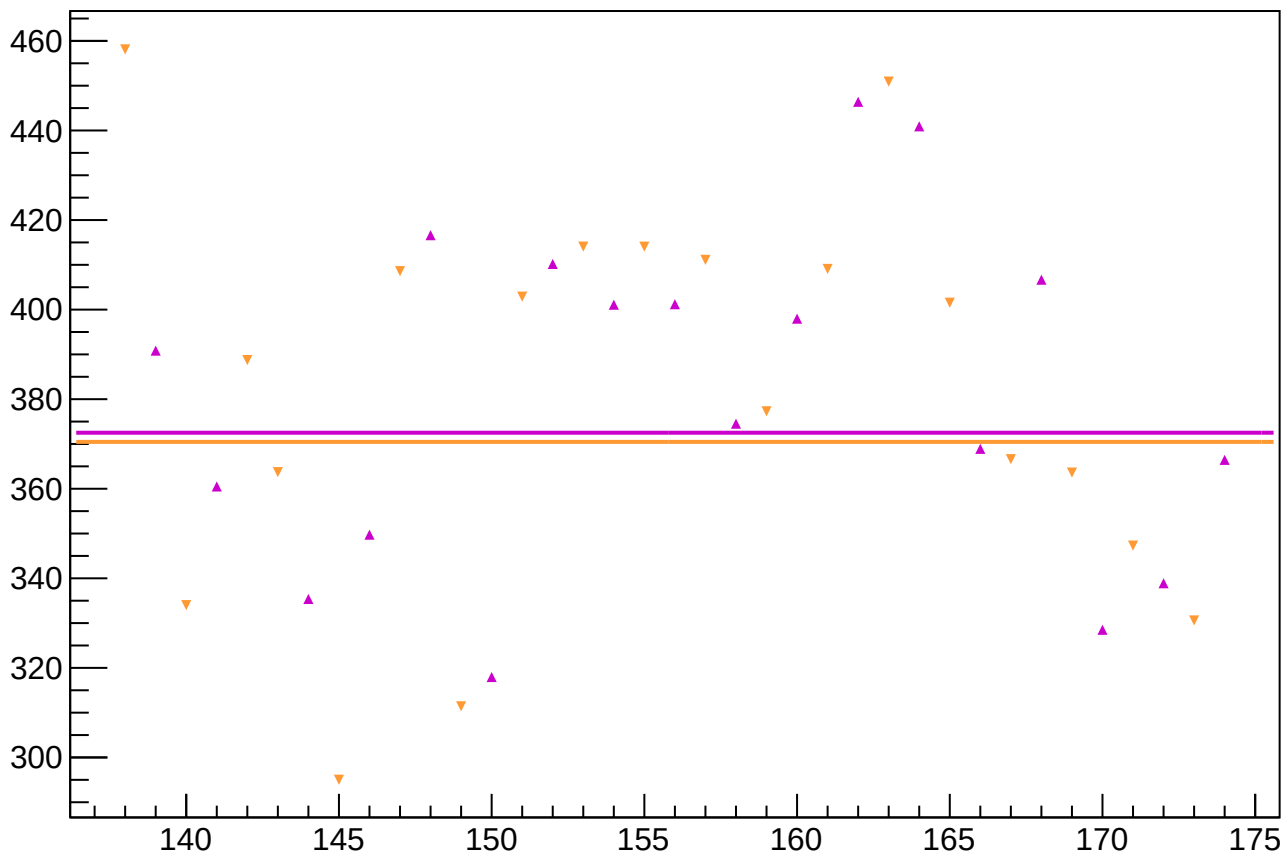
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -94.622+/-99.583 χ^2/NDF :25.5/17

Out: 379.848+/-98.701 χ^2/NDF :23.9/18

All: 144.724+/-70.102 χ^2/NDF : 60.9/36

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: 370.462+/-0.070 χ^2/NDF : 408611.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Left: 371.477+/-0.050 χ^2/NDF : 673498.1/36

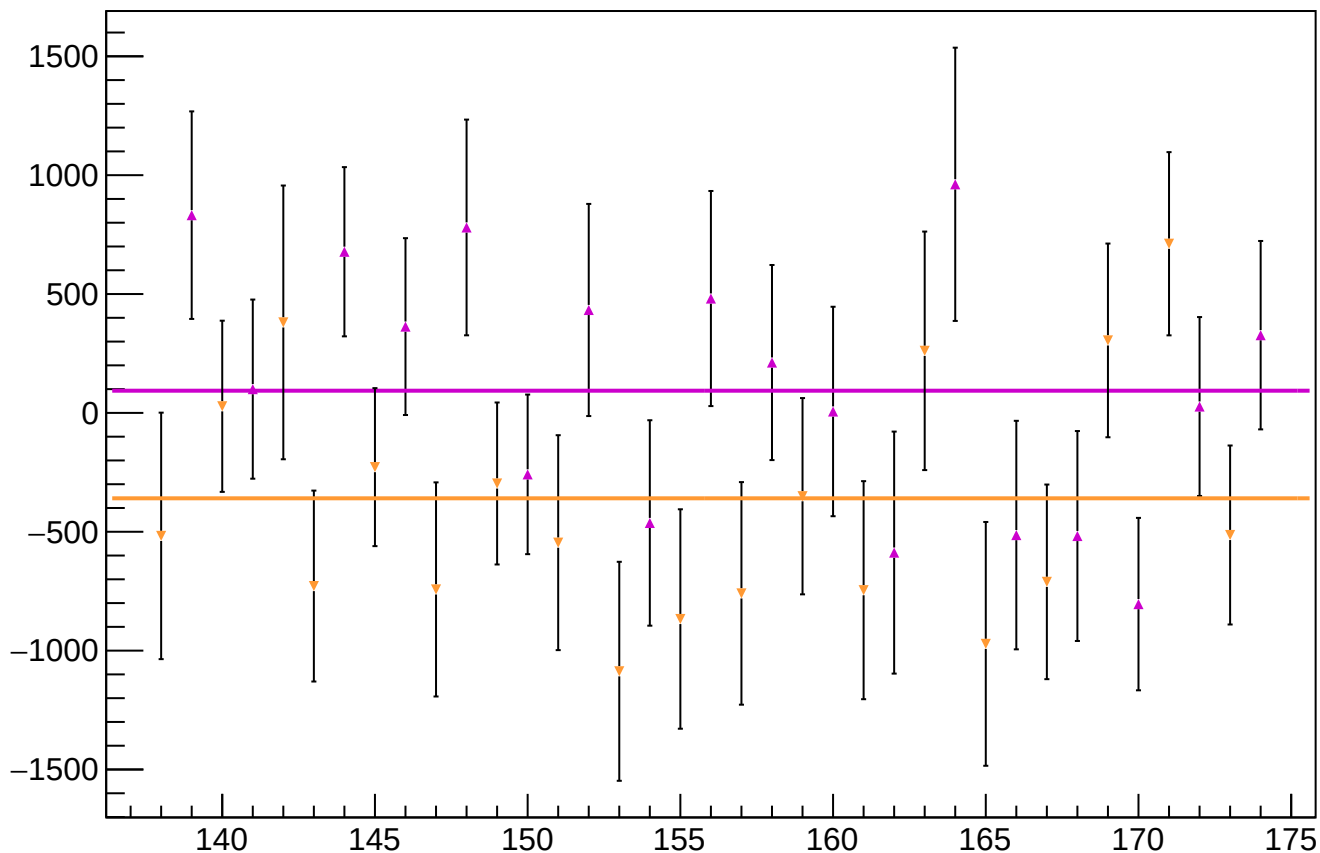
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.510+/-0.070 χ^2/NDF : 264459.9/17

Out: 370.462+/-0.070 χ^2/NDF : 408611.8/18

All: 371.477+/-0.050 χ^2/NDF : 673498.1/36

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -359.262+/-96.991 χ^2/NDF :24.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 93.376+/-97.645 χ^2/NDF :26.7/17

Left: -134.463+/-68.813 χ^2/NDF : 61.7/36

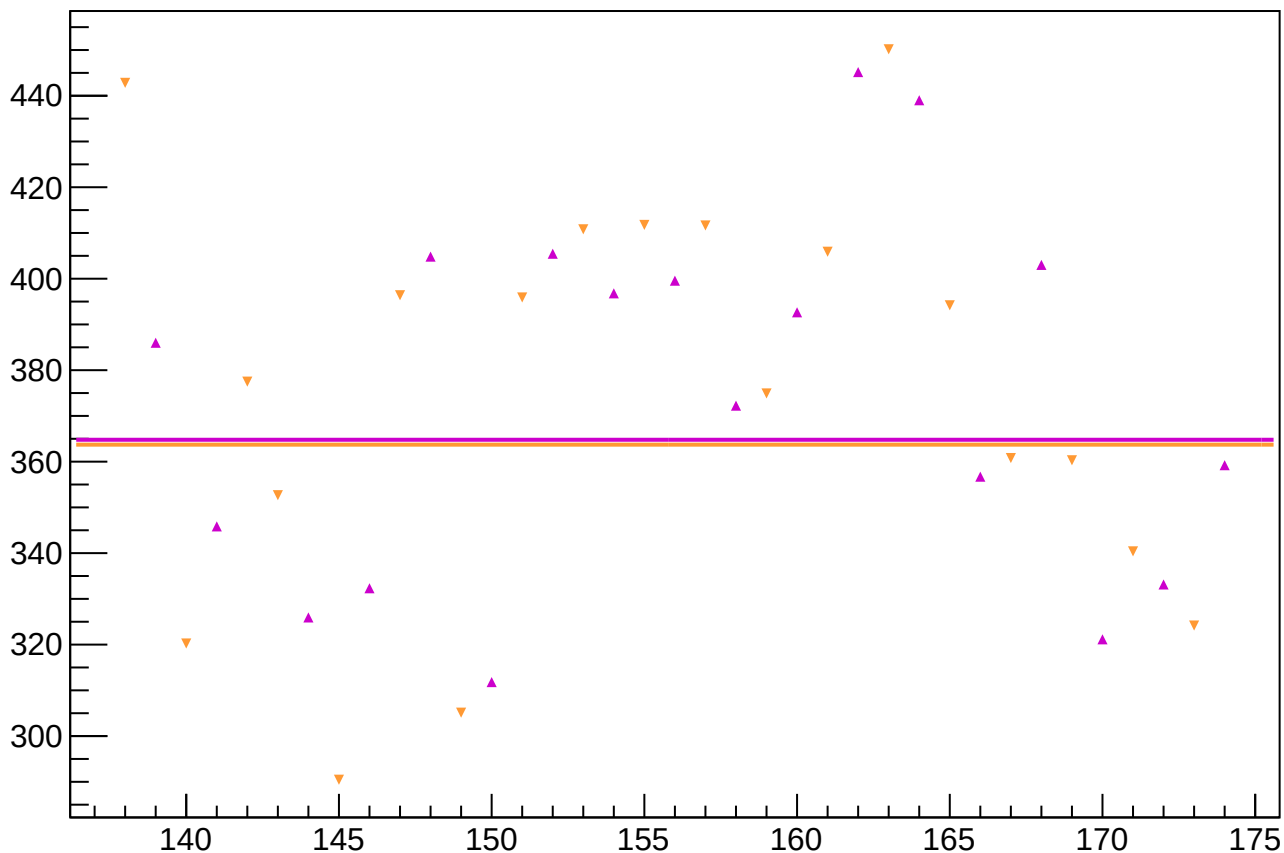
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 93.376+/-97.645 χ^2/NDF :26.7/17

Out: -359.262+/-96.991 χ^2/NDF :24.2/18

All: -134.463+/-68.813 χ^2/NDF : 61.7/36

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 363.717+/-0.069 χ^2/NDF : 433407.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Left: 364.249+/-0.049 χ^2/NDF : 738148.5/36

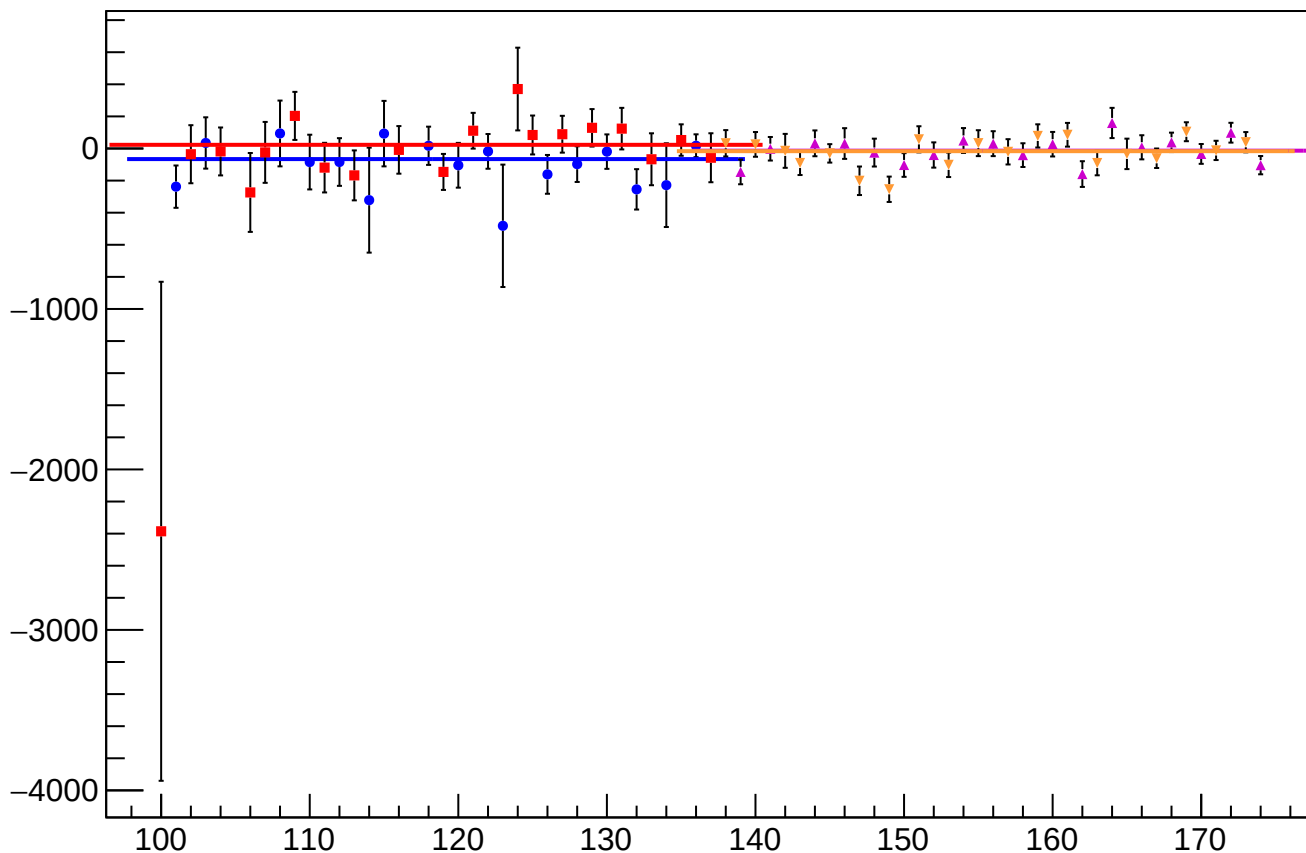
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 364.788+/-0.069 χ^2/NDF : 304620.4/17

Out: 363.717+/-0.069 χ^2/NDF : 433407.0/18

All: 364.249+/-0.049 χ^2/NDF : 738148.5/36

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: -16.646 ± 16.778 χ^2/NDF : 27.6/18

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -13.577 ± 17.320 χ^2/NDF : 19.9/17

Left: -15.160 ± 12.051 χ^2/NDF : 47.5/36

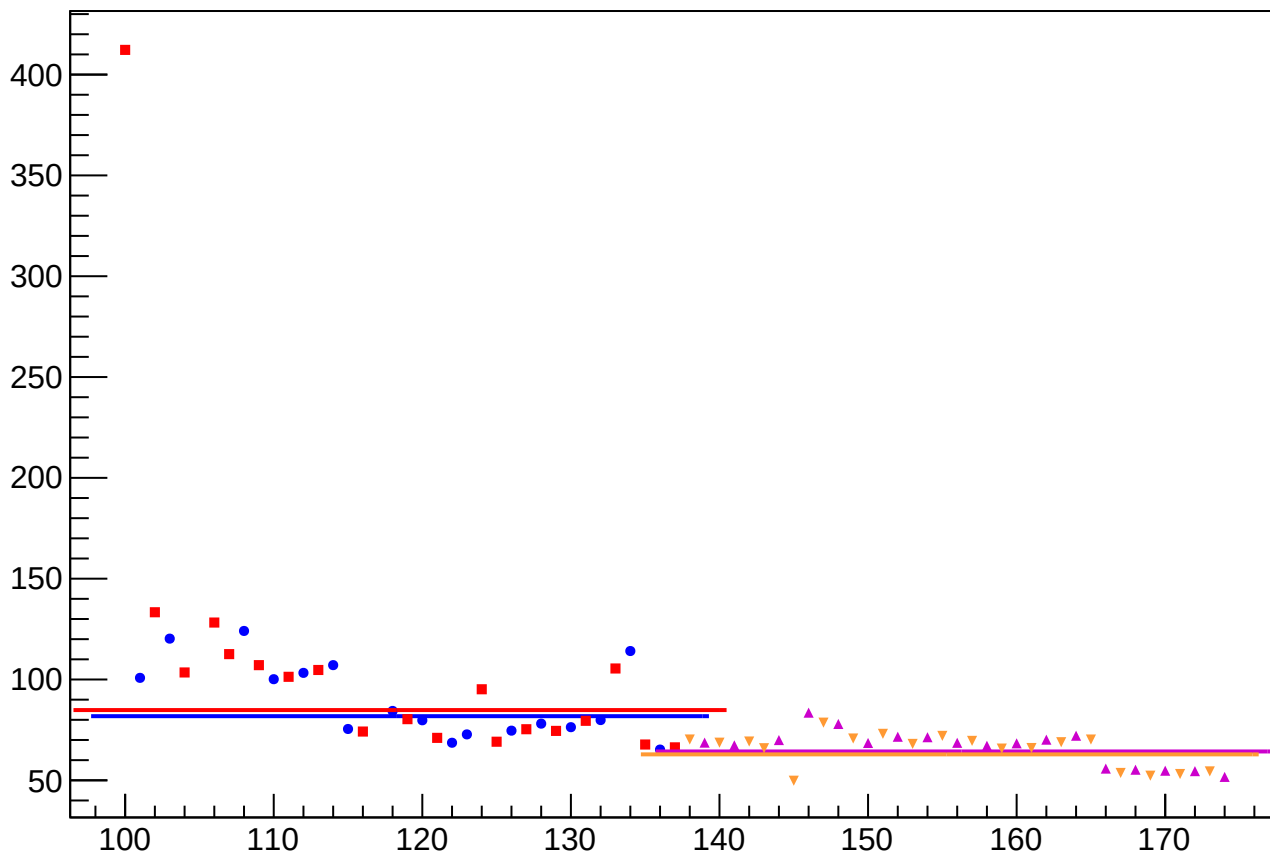
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -25.285 ± 15.263 χ^2/NDF : 32.7/34

Out: -8.435 ± 14.936 χ^2/NDF : 44.1/37

All: -16.678 ± 10.675 χ^2/NDF : 77.4/72

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2 /NDF: 507195.8/16

Left Out: 62.867 $\pm$ 0.012 χ^2 /NDF: 534340.4/18

Right Out: 84.836 $\pm$ 0.023 χ^2 /NDF: 704648.9/18

Left In: 64.311 $\pm$ 0.012 χ^2 /NDF: 495653.4/17

Left: 63.566 $\pm$ 0.009 χ^2 /NDF: 1037159.7/36

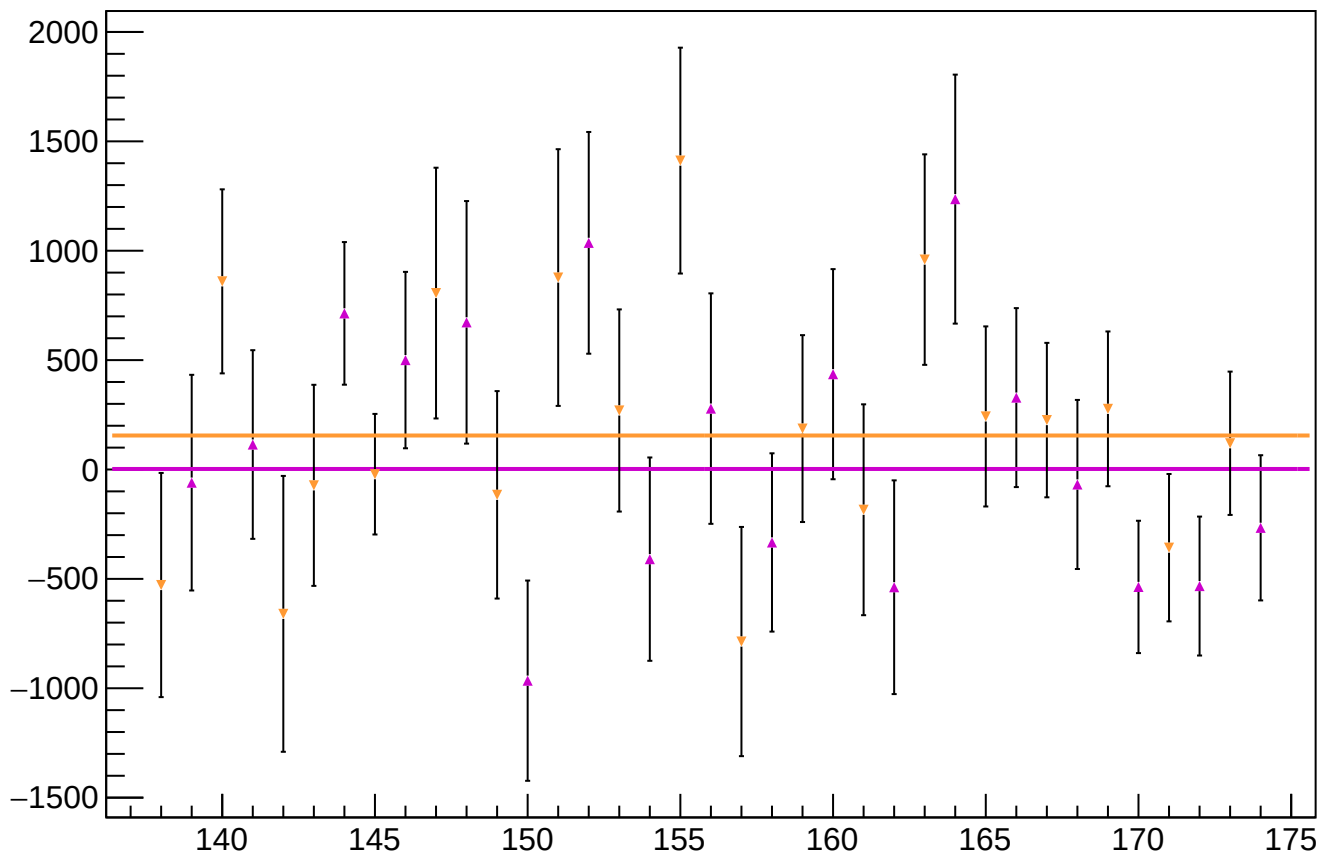
Right: 83.300 $\pm$ 0.016 χ^2 /NDF: 1220504.3/35

In: 68.221 $\pm$ 0.011 χ^2 /NDF: 1458953.1/34

Out: 67.428 $\pm$ 0.011 χ^2 /NDF: 1950743.8/37

All: 67.815 $\pm$ 0.008 χ^2 /NDF: 3412454.6/72

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 155.394+/-96.896 χ^2/NDF :25.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2.405+/-97.383 χ^2/NDF :32.3/17

Left: 79.283+/-68.687 χ^2/NDF : 58.6/36

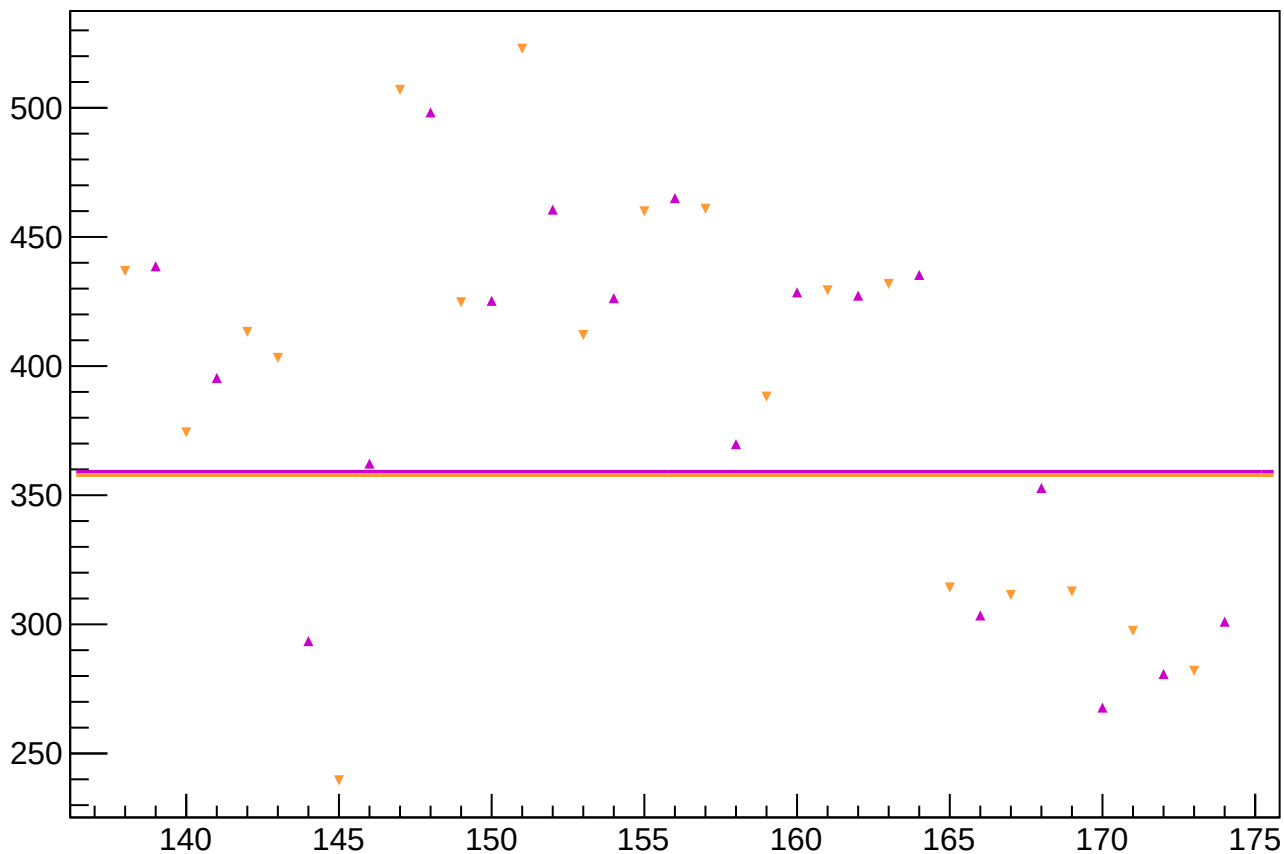
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 2.405+/-97.383 χ^2/NDF :32.3/17

Out: 155.394+/-96.896 χ^2/NDF :25.1/18

All: 79.283+/-68.687 χ^2/NDF : 58.6/36

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: 357.828+/-0.069 χ^2/NDF :1332251.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Left: 358.420+/-0.049 χ^2/NDF : 2371346.4/36

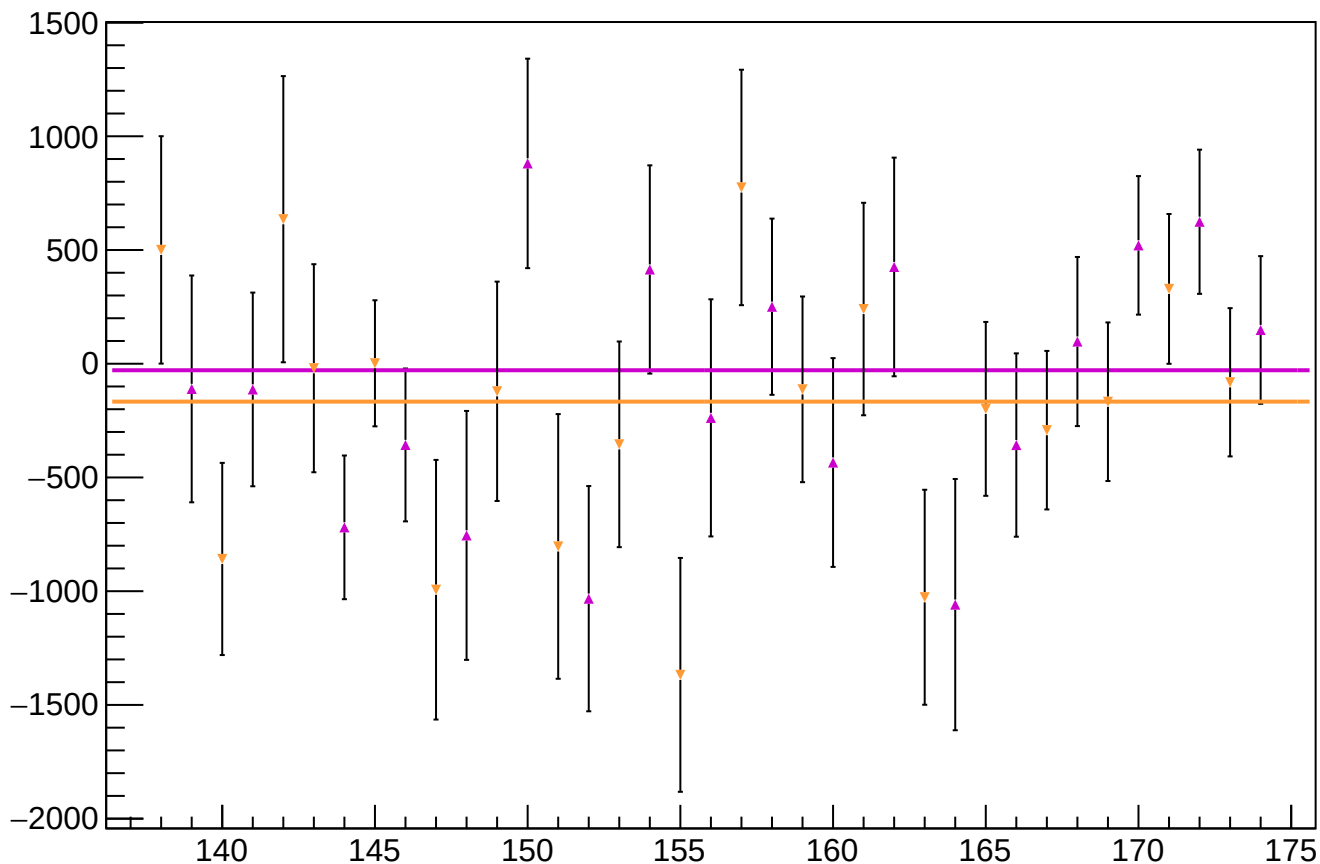
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 359.018+/-0.069 χ^2/NDF :1038944.5/17

Out: 357.828+/-0.069 χ^2/NDF :1332251.8/18

All: 358.420+/-0.049 χ^2/NDF : 2371346.4/36

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -166.604+/-95.485 χ^2/NDF :25.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.675+/-94.640 χ^2/NDF :30.9/17

Left: -97.027+/-67.217 χ^2/NDF : 57.3/36

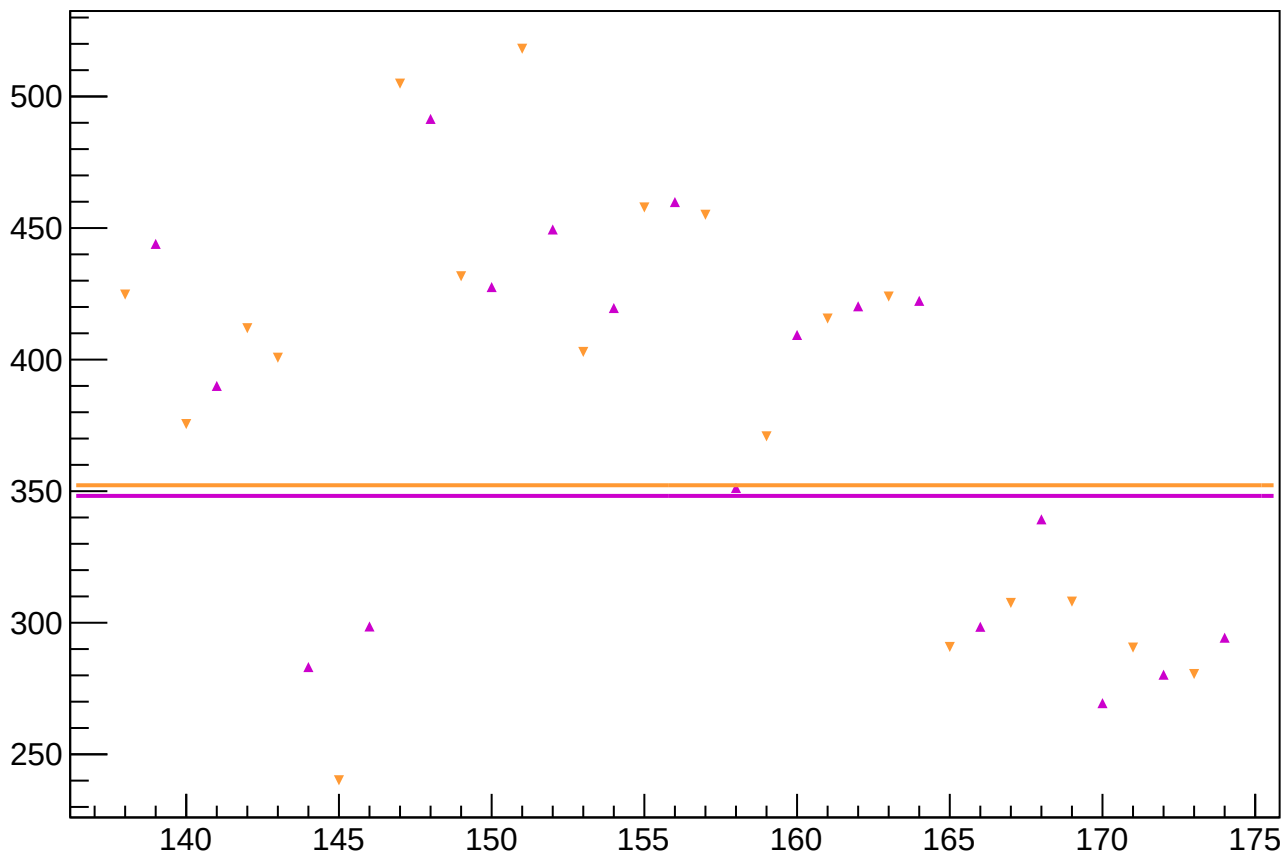
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.675+/-94.640 χ^2/NDF :30.9/17

Out: -166.604+/-95.485 χ^2/NDF :25.4/18

All: -97.027+/-67.217 χ^2/NDF : 57.3/36

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 352.250+/-0.068 χ^2/NDF :1335141.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Left: 350.211+/-0.048 χ^2/NDF : 2408121.2/36

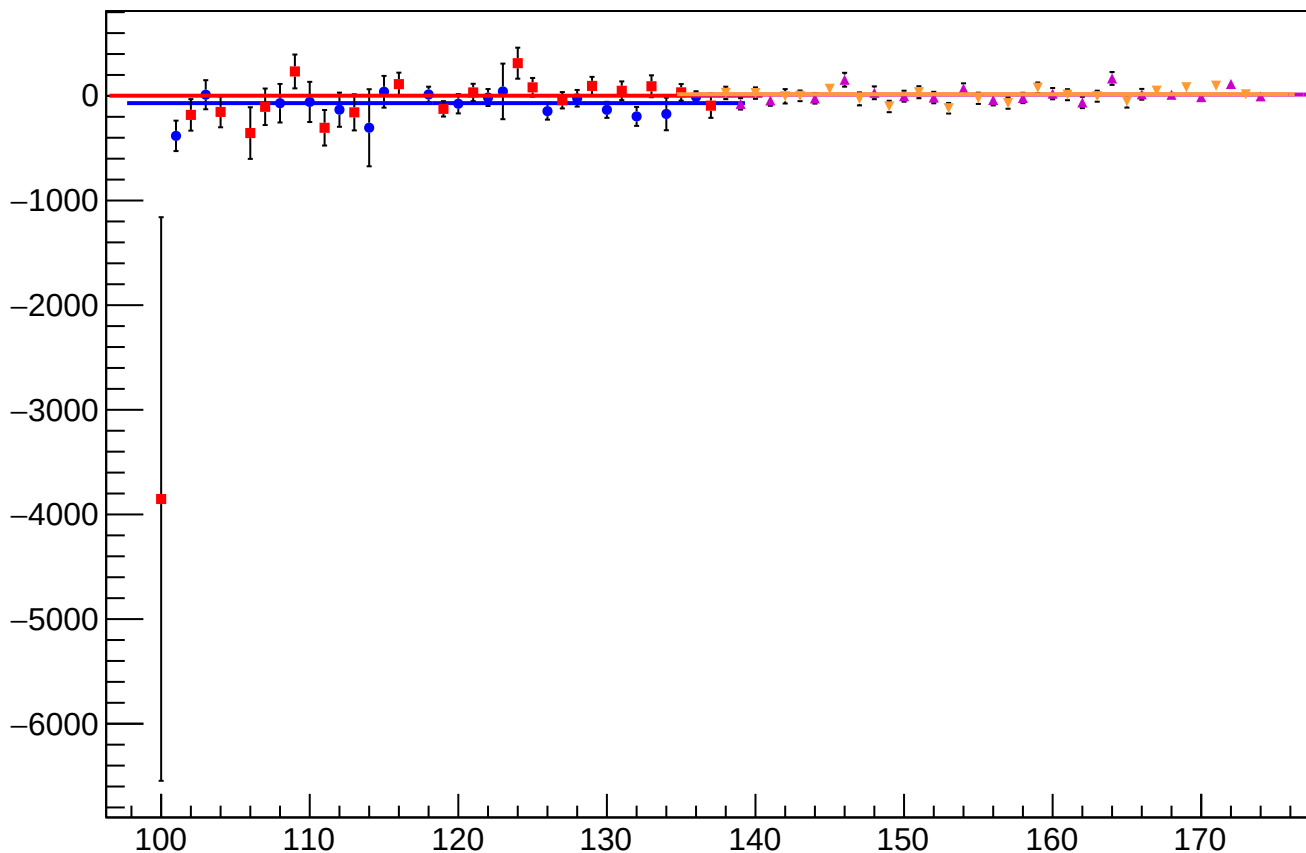
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 348.208+/-0.067 χ^2/NDF :1071171.8/17

Out: 352.250+/-0.068 χ^2/NDF :1335141.4/18

All: 350.211+/-0.048 χ^2/NDF : 2408121.2/36

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 15.679 ± 11.417 χ^2/NDF : 27.9/18

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 12.500 ± 11.675 χ^2/NDF : 27.4/17

Left: 14.125 ± 8.163 χ^2/NDF : 55.4/36

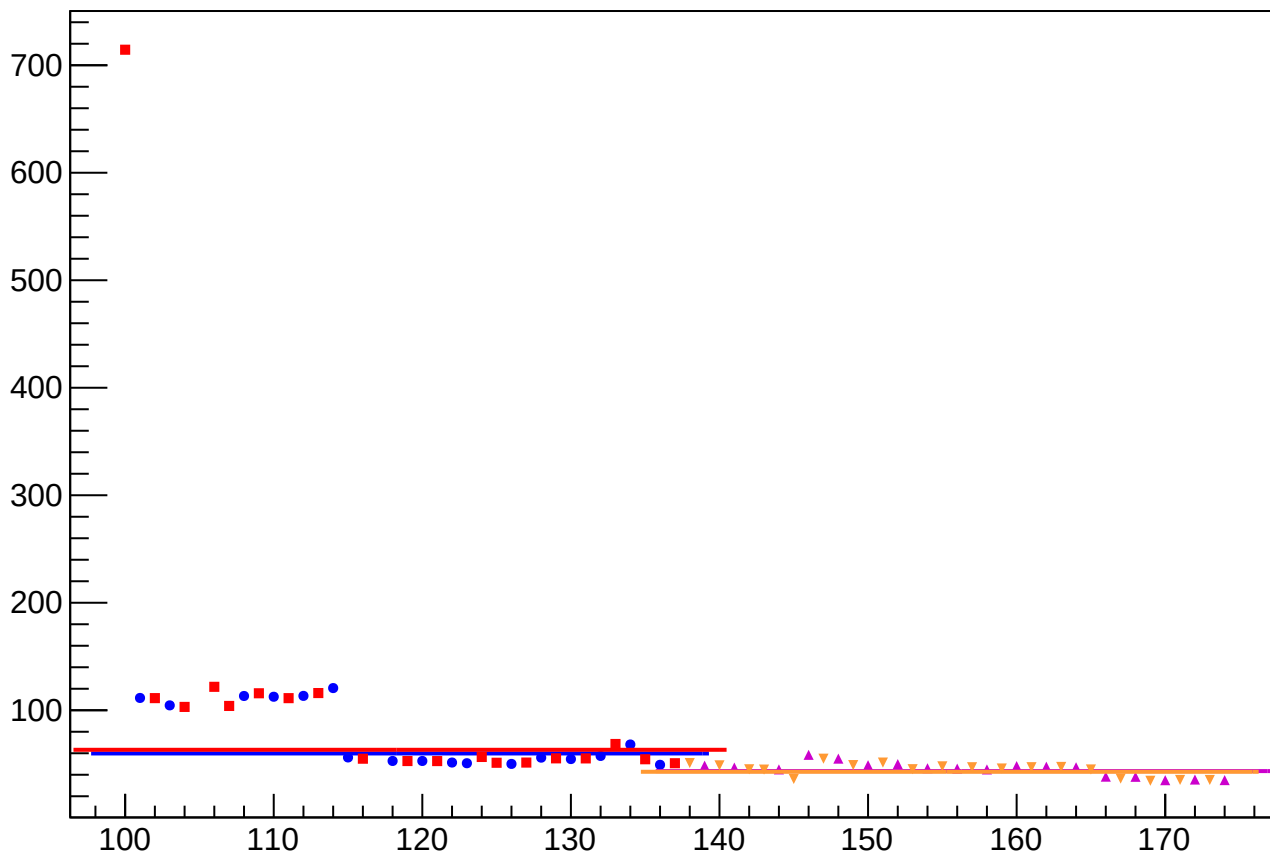
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.860 ± 10.520 χ^2/NDF : 50.1/34

Out: 13.303 ± 10.399 χ^2/NDF : 54.0/37

All: 5.315 ± 7.395 χ^2/NDF : 105.3/72

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 42.773 $\pm$ 0.008 χ^2 /NDF: 621599.9/18

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.401 $\pm$ 0.008 χ^2 /NDF: 613590.7/17

Left: 43.080 $\pm$ 0.006 χ^2 /NDF: 1238148.6/36

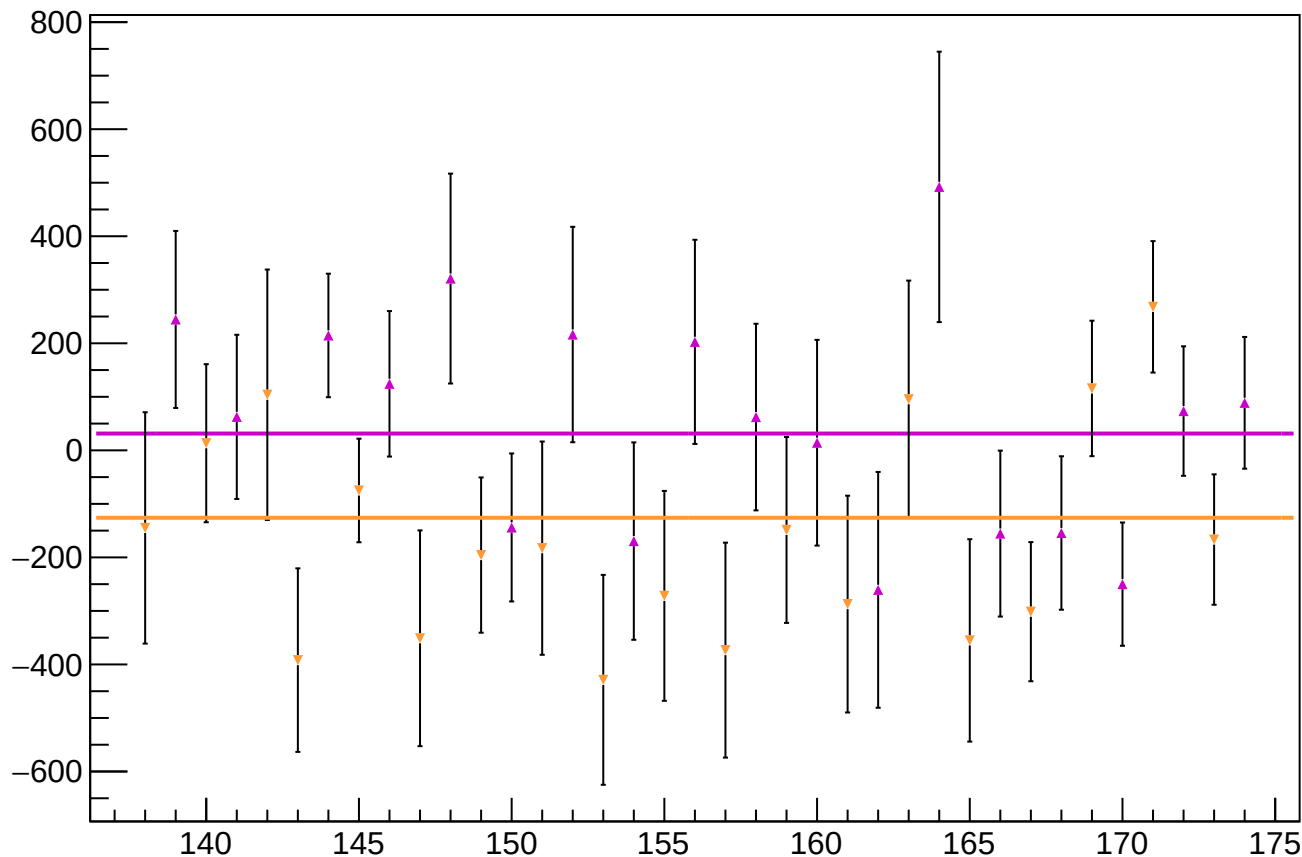
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 46.487 $\pm$ 0.007 χ^2 /NDF: 2586339.0/34

Out: 46.259 $\pm$ 0.007 χ^2 /NDF: 3219566.7/37

All: 46.372 $\pm$ 0.005 χ^2 /NDF: 5806377.3/72

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -125.955+/-36.231 χ^2/NDF :29.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 31.379+/-36.164 χ^2/NDF :25.9/17

Left: -47.143+/-25.595 χ^2/NDF : 64.9/36

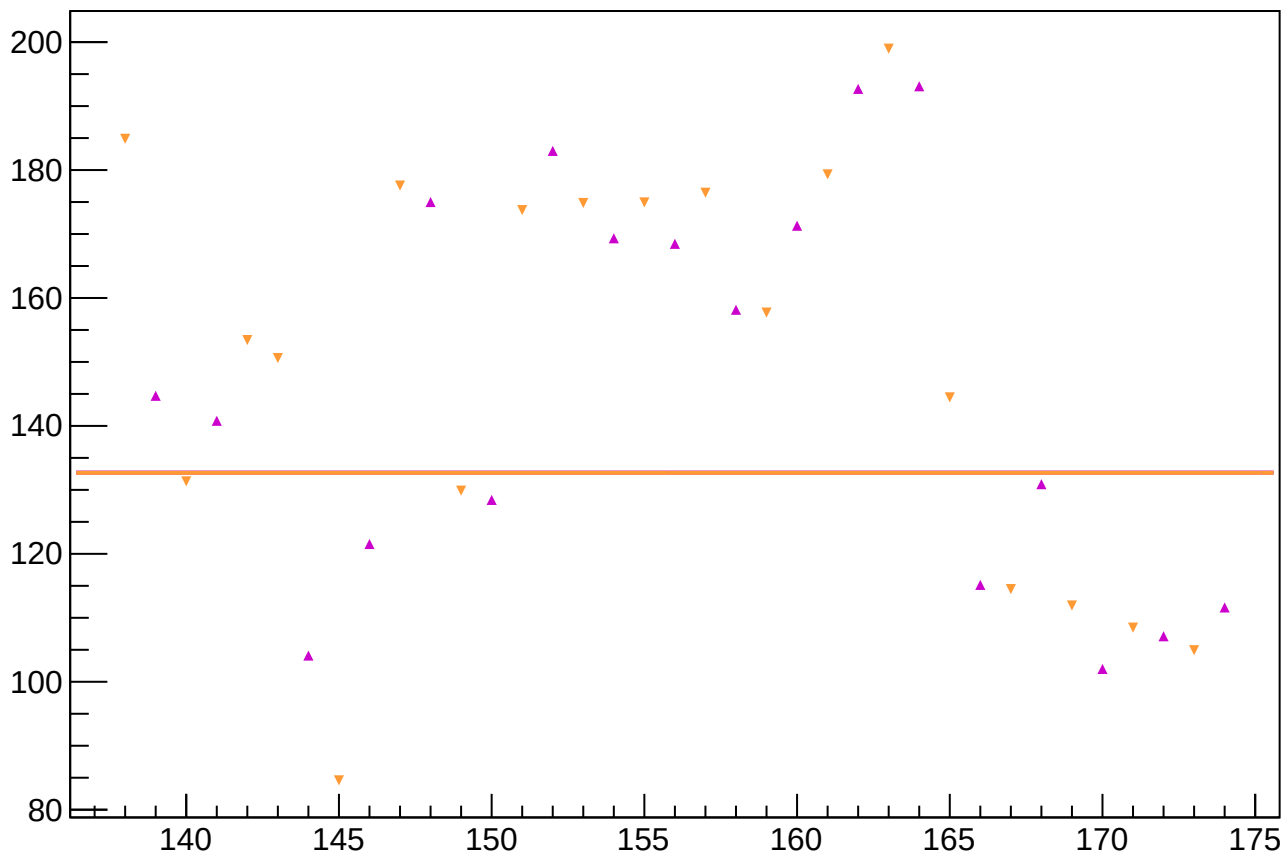
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 31.379+/-36.164 χ^2/NDF :25.9/17

Out: -125.955+/-36.231 χ^2/NDF :29.6/18

All: -47.143+/-25.595 χ^2/NDF : 64.9/36

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: 132.668+/-0.026 χ^2/NDF :1722956.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Left: 132.686+/-0.018 χ^2/NDF : 2946911.1/36

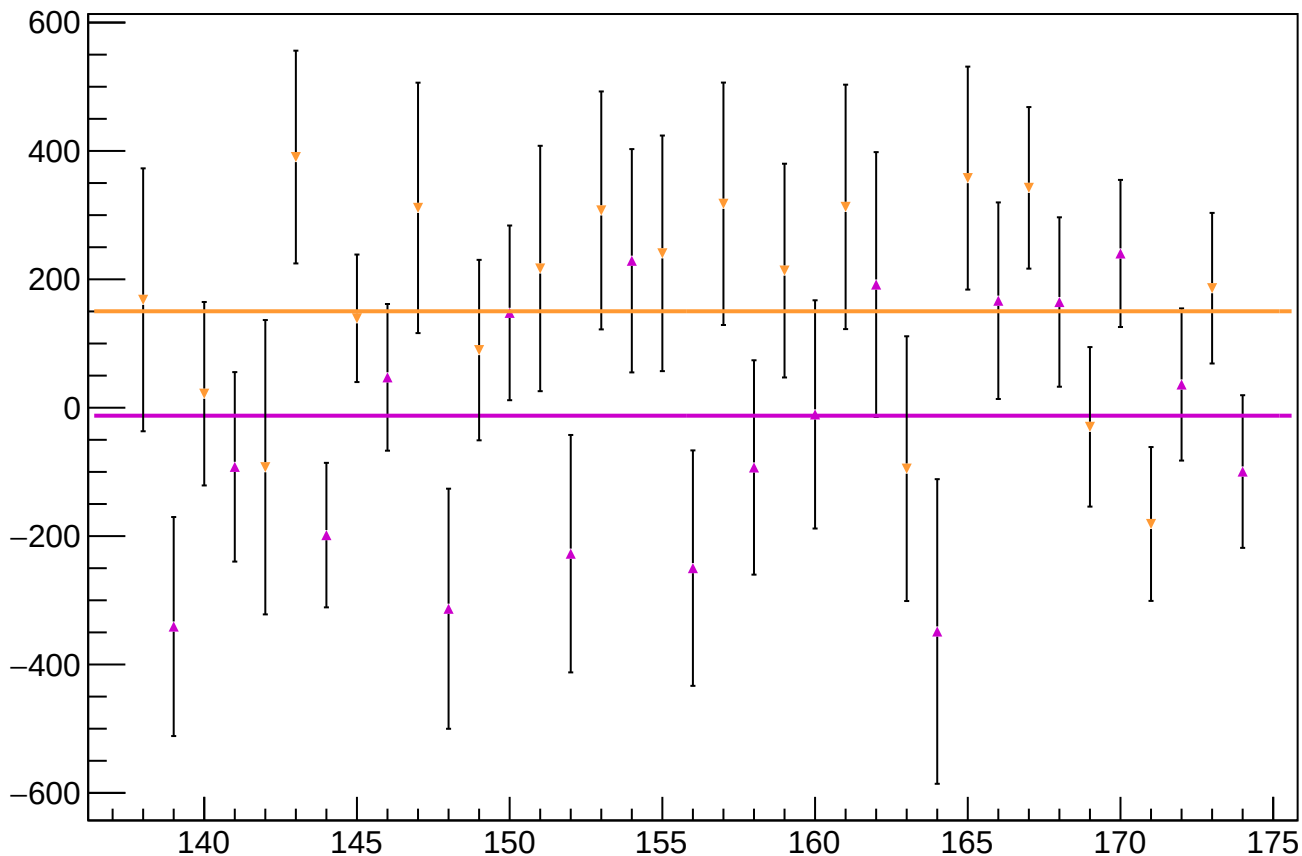
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.704+/-0.026 χ^2/NDF :1223953.7/17

Out: 132.668+/-0.026 χ^2/NDF :1722956.5/18

All: 132.686+/-0.018 χ^2/NDF : 2946911.1/36

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 150.243+/-35.108 χ^2/NDF :22.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.422+/-34.557 χ^2/NDF :27.9/17

Left: 67.624+/-24.628 χ^2/NDF : 61.5/36

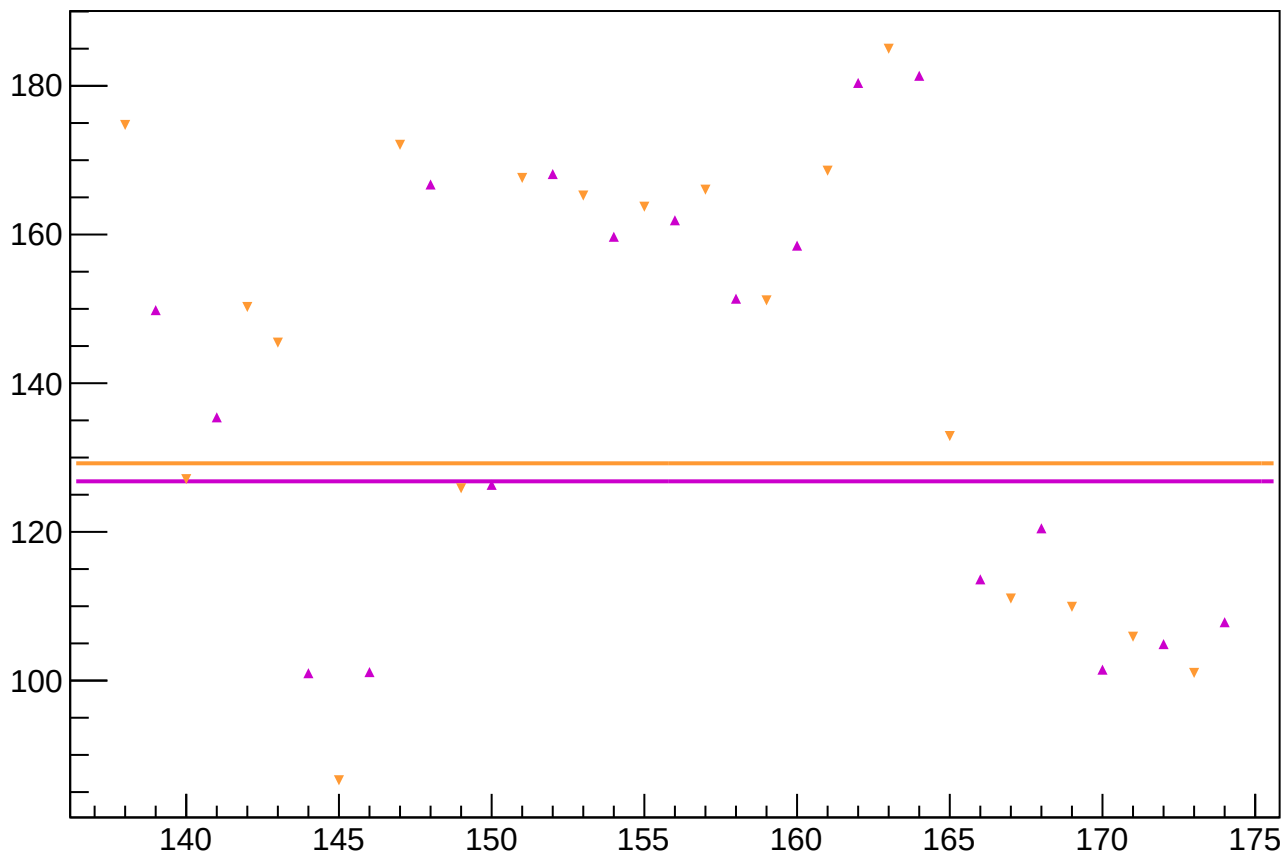
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.422+/-34.557 χ^2/NDF :27.9/17

Out: 150.243+/-35.108 χ^2/NDF :22.7/18

All: 67.624+/-24.628 χ^2/NDF : 61.5/36

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 129.226+/-0.025 χ^2/NDF :1453116.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

Left: 127.995+/-0.017 χ^2/NDF : 2627188.3/36

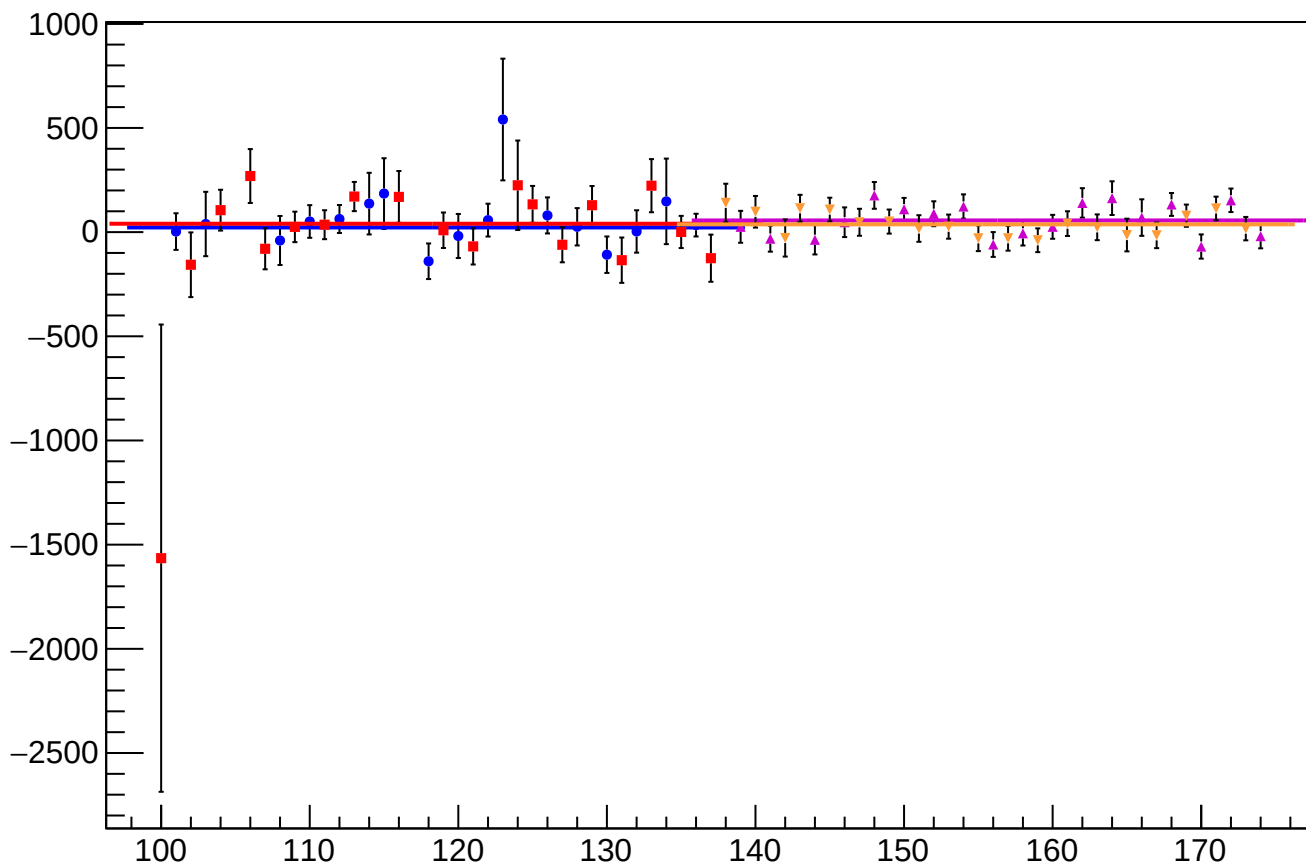
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 126.802+/-0.024 χ^2/NDF :1169229.1/17

Out: 129.226+/-0.025 χ^2/NDF :1453116.7/18

All: 127.995+/-0.017 χ^2/NDF : 2627188.3/36

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: 37.291 $\pm$ 14.355 χ^2 /NDF:13.6/18

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 56.042 $\pm$ 14.784 χ^2 /NDF:29.5/17

Left: 46.391 $\pm$ 10.299 χ^2 /NDF: 43.9/36

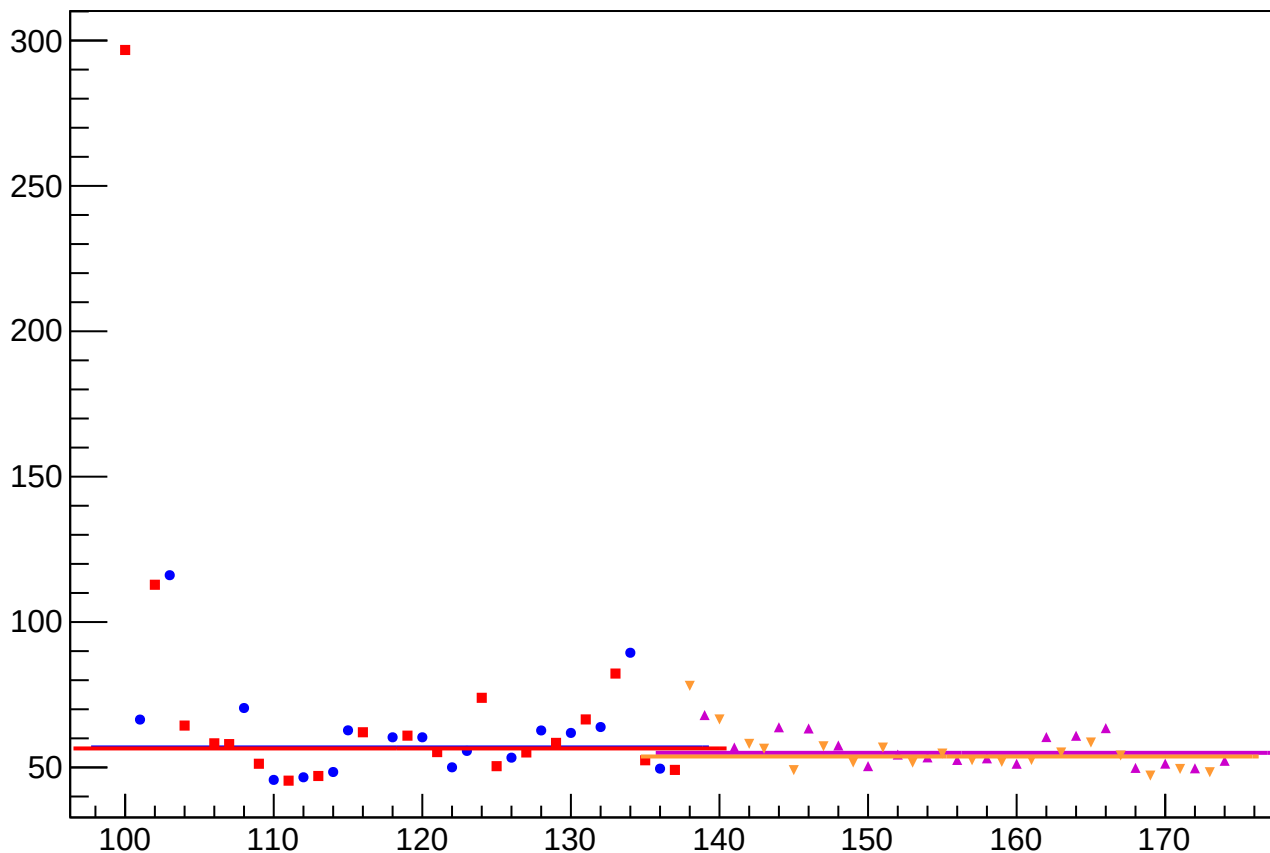
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 45.964 $\pm$ 12.376 χ^2 /NDF:43.7/34

Out: 38.165 $\pm$ 12.043 χ^2 /NDF:39.9/37

All: 41.958 $\pm$ 8.631 χ^2 /NDF: 83.7/72

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 53.763 $\pm$ 0.010 χ^2 /NDF: 306796.9/18

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 55.018 $\pm$ 0.010 χ^2 /NDF: 240111.0/17

Left: 54.372 $\pm$ 0.007 χ^2 /NDF: 554331.4/36

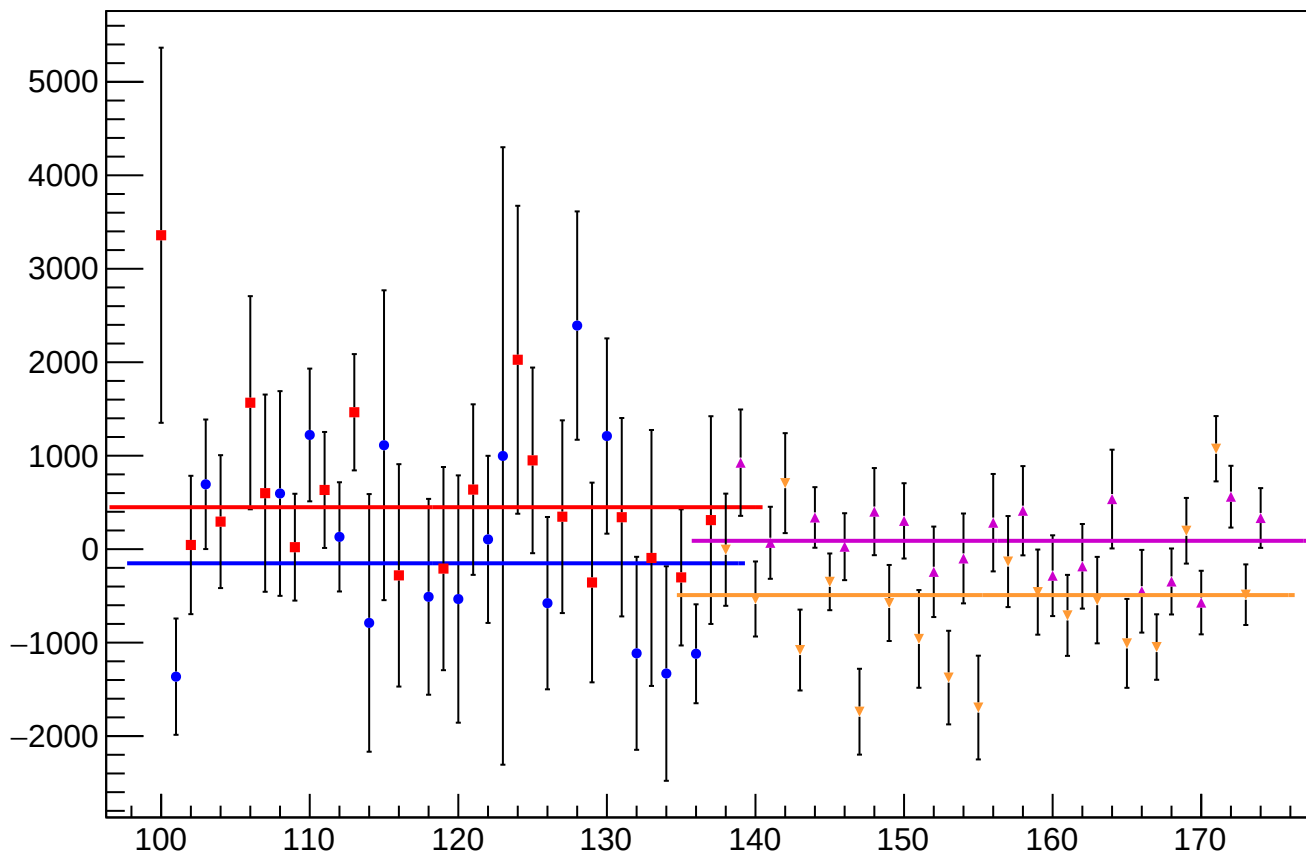
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 55.575 $\pm$ 0.009 χ^2 /NDF: 825077.7/34

Out: 54.581 $\pm$ 0.009 χ^2 /NDF: 941043.0/37

All: 55.065 $\pm$ 0.006 χ^2 /NDF: 1772739.5/72

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 ± 212.448 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -491.389 ± 96.326 $\chi^2/\text{NDF}: 52.2/18$

Right Out: 448.932 ± 203.999 $\chi^2/\text{NDF}: 10.5/18$

Left In: 89.272 ± 95.741 $\chi^2/\text{NDF}: 16.0/17$

Left: -199.289 ± 67.905 $\chi^2/\text{NDF}: 86.5/36$

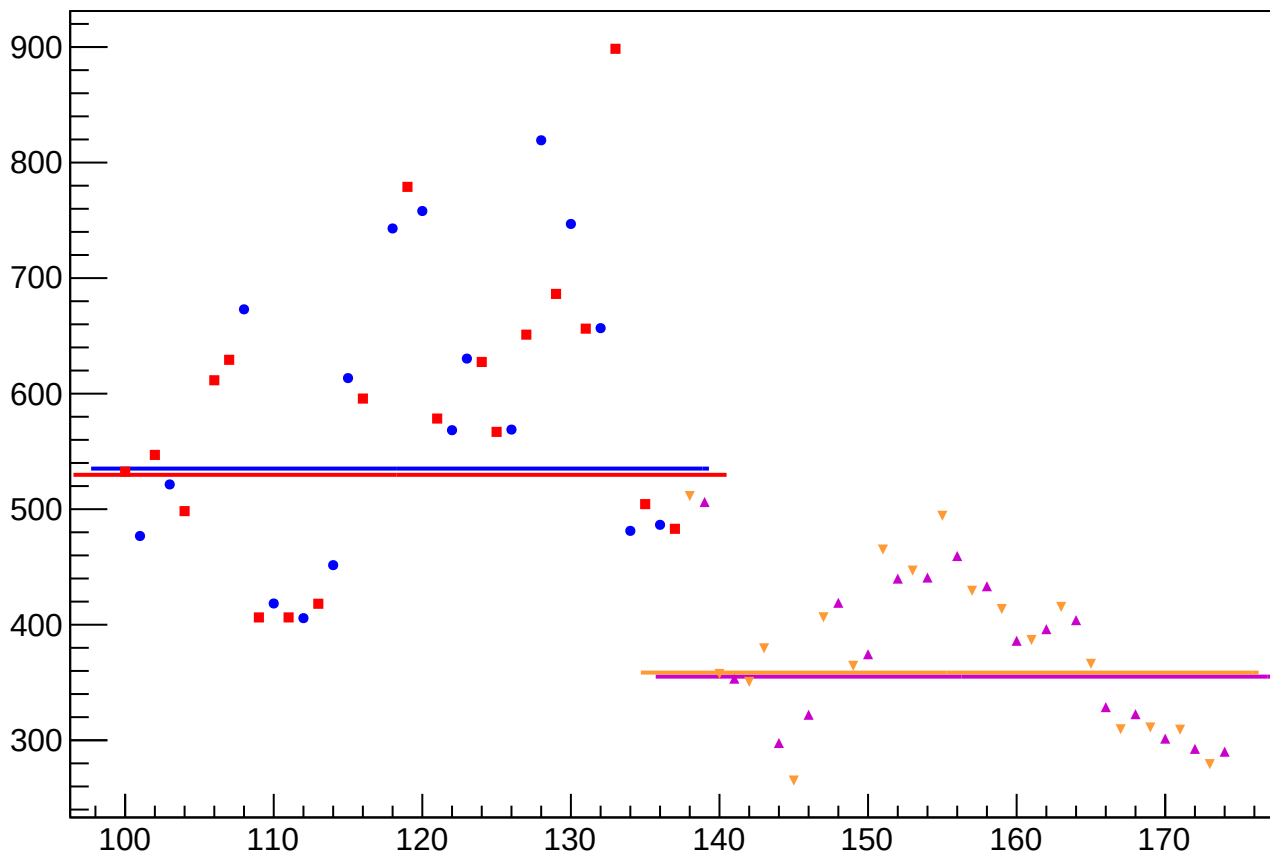
Right: 161.039 ± 147.145 $\chi^2/\text{NDF}: 37.1/35$

In: 48.680 ± 87.286 $\chi^2/\text{NDF}: 39.5/34$

Out: -319.957 ± 87.104 $\chi^2/\text{NDF}: 80.1/37$

All: -136.025 ± 61.656 $\chi^2/\text{NDF}: 128.5/72$

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 358.568 $\pm$ 0.068 χ^2 /NDF: 957292.0/18

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 355.079 $\pm$ 0.068 χ^2 /NDF: 794043.2/17

Left: 356.813 $\pm$ 0.048 χ^2 /NDF: 1752654.9/36

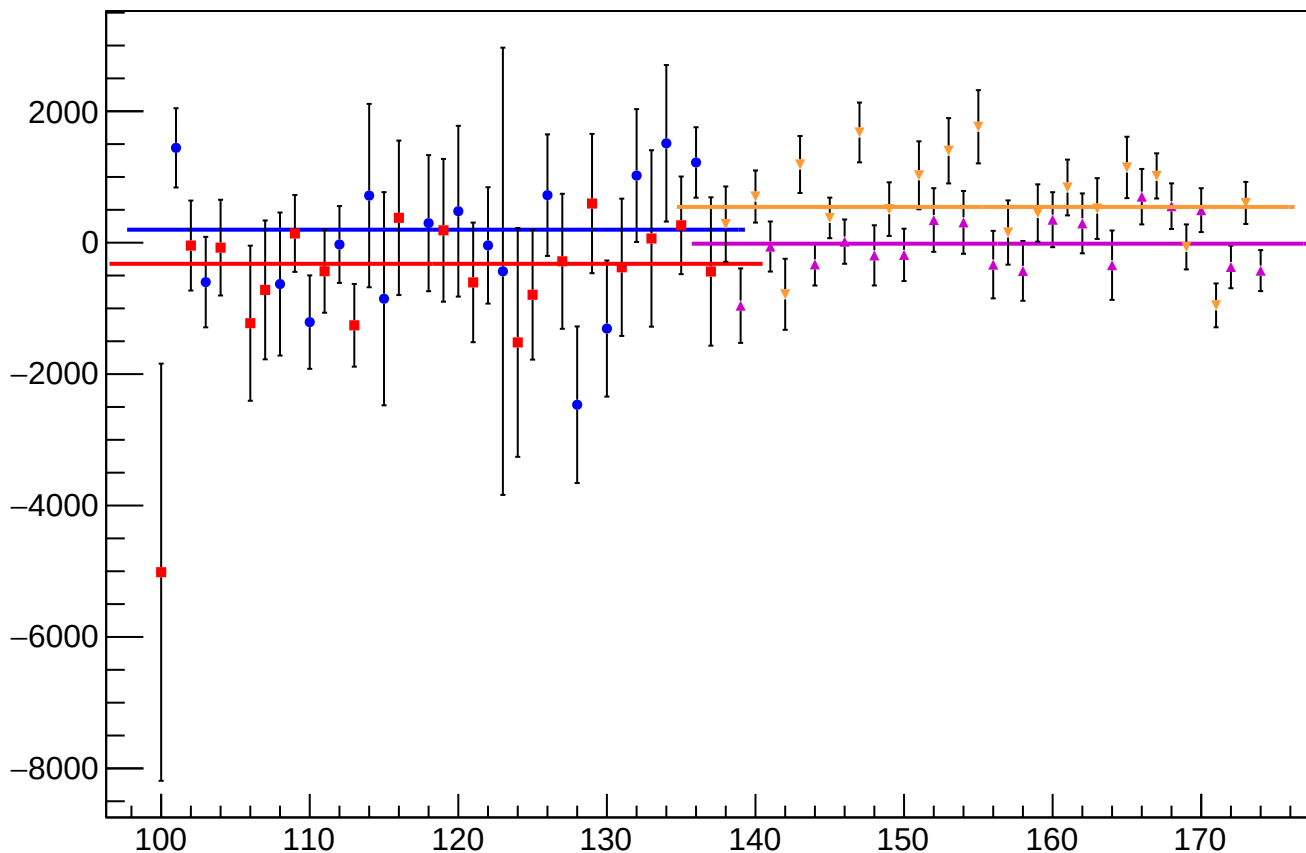
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 385.474 $\pm$ 0.062 χ^2 /NDF: 2584263.0/34

Out: 389.776 $\pm$ 0.062 χ^2 /NDF: 2755535.0/37

All: 387.630 $\pm$ 0.044 χ^2 /NDF: 5342232.1/72

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2/NDF : 23.9/16

Left Out: 543.456 $\pm$ 95.129 χ^2/NDF :51.8/18

Right Out: -321.565 $\pm$ 205.269 χ^2/NDF : 8.9/18

Left In: -15.304 $\pm$ 93.827 χ^2/NDF :18.7/17

Left: 260.228 $\pm$ 66.801 χ^2/NDF : 88.0/36

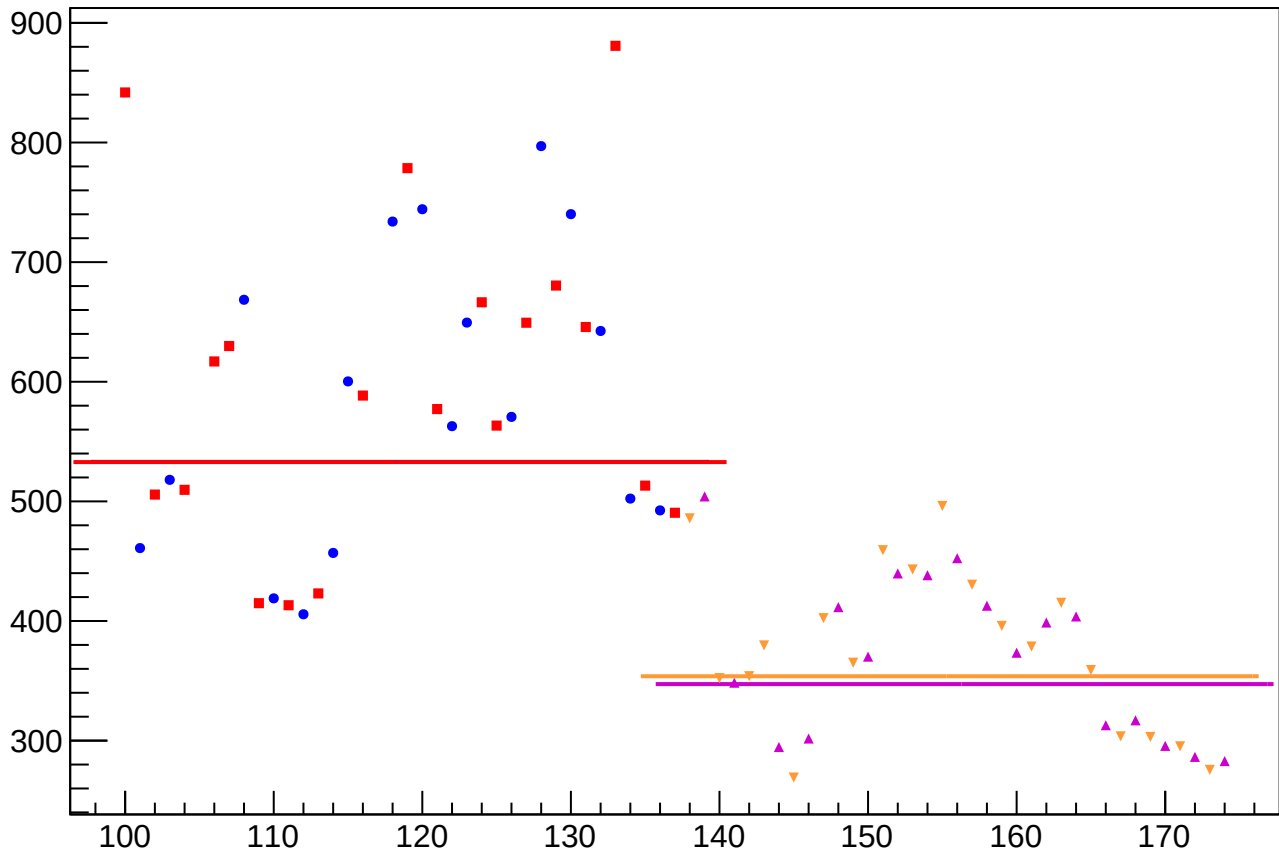
Right: -69.737 $\pm$ 147.294 χ^2/NDF : 35.9/35

In: 19.706 $\pm$ 85.765 χ^2/NDF :43.5/34

Out: 390.520 $\pm$ 86.311 χ^2/NDF :75.3/37

All: 203.937 $\pm$ 60.837 χ^2/NDF : 128.1/72

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 353.820 $\pm$ 0.067 χ^2 /NDF: 944252.5/18

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 347.265 $\pm$ 0.066 χ^2 /NDF: 848328.8/17

Left: 350.497 $\pm$ 0.047 χ^2 /NDF: 1797395.4/36

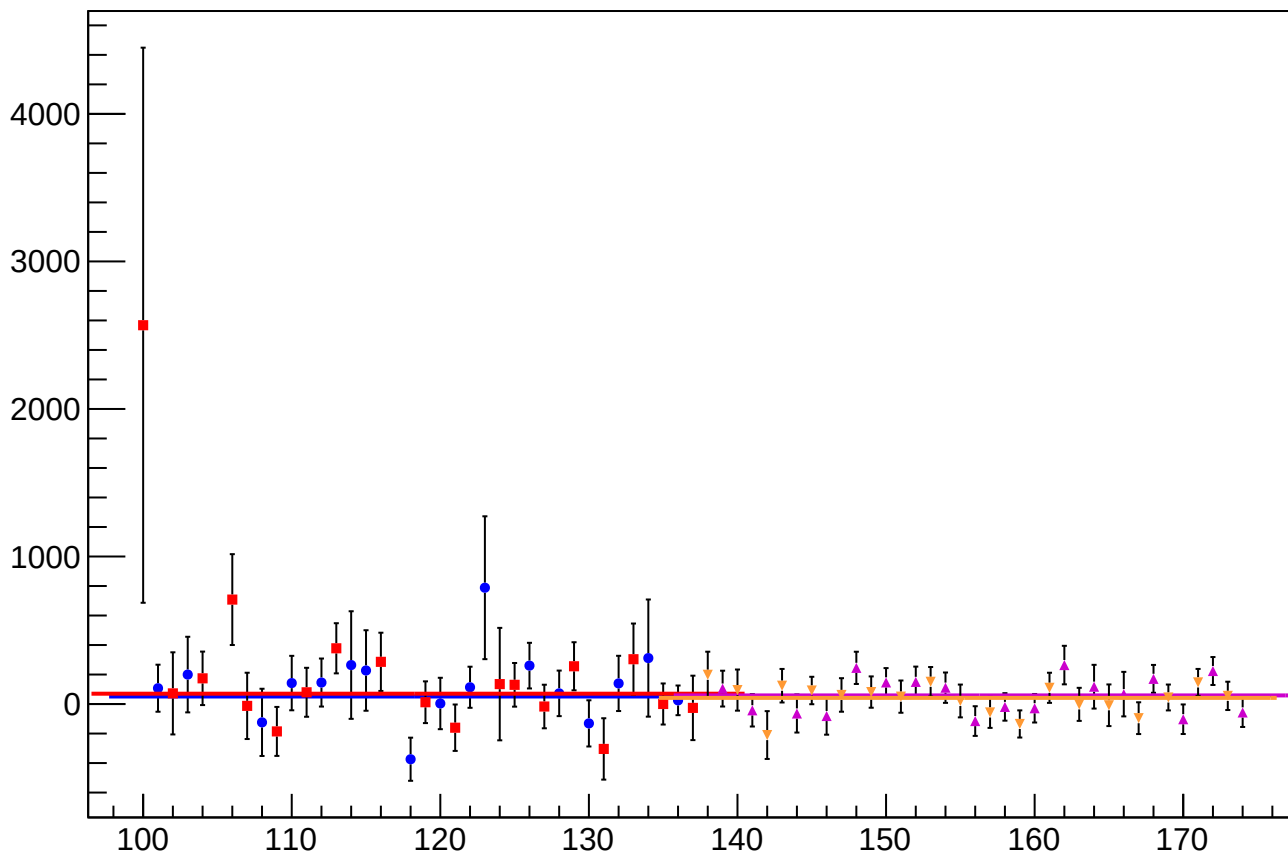
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 377.818 $\pm$ 0.061 χ^2 /NDF: 2704584.9/34

Out: 385.474 $\pm$ 0.061 χ^2 /NDF: 2813685.7/37

All: 381.622 $\pm$ 0.043 χ^2 /NDF: 5526189.3/72

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 41.686+/-24.743 χ^2/NDF :14.0/18

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 58.406+/-25.430 χ^2/NDF :23.5/17

Left: 49.818+/-17.734 χ^2/NDF : 37.7/36

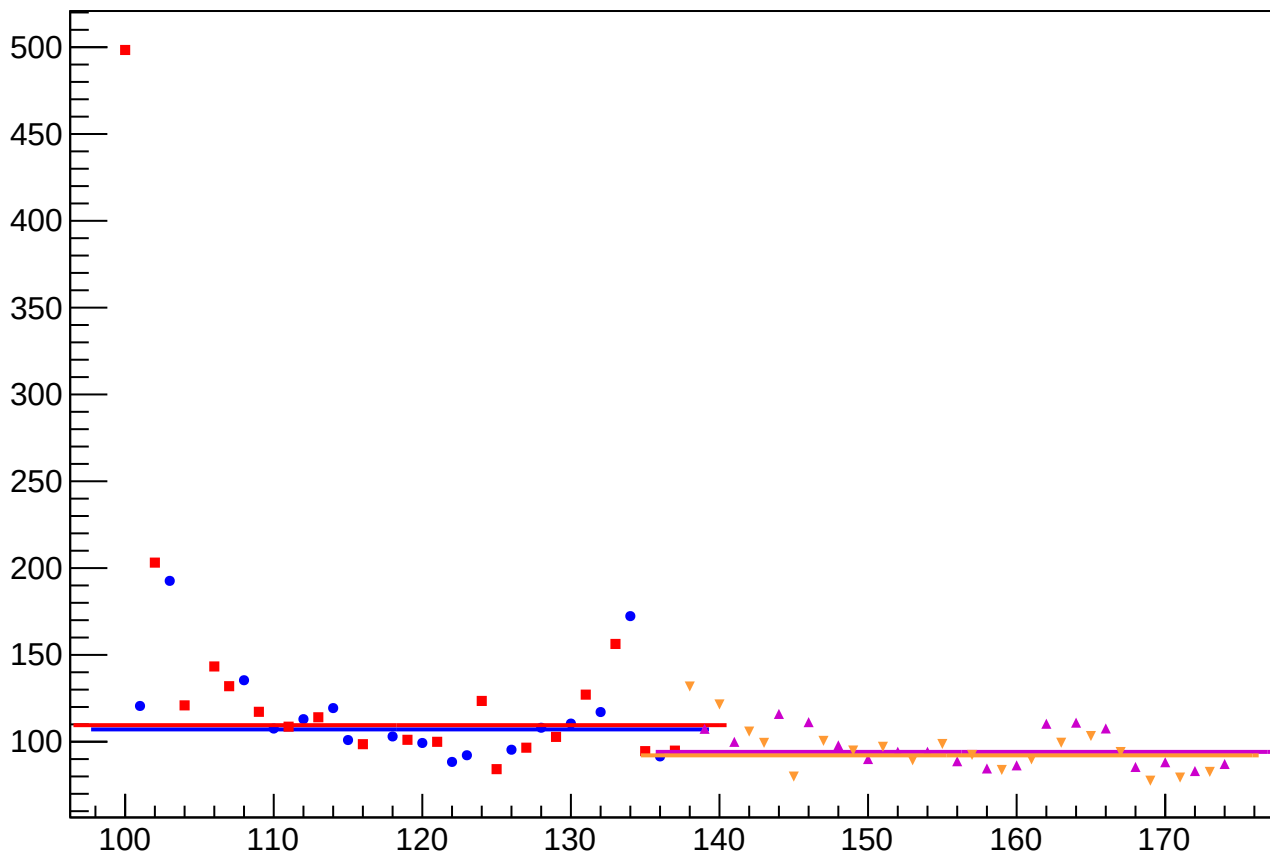
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 56.492+/-21.810 χ^2/NDF :40.9/34

Out: 48.799+/-21.420 χ^2/NDF :36.5/37

All: 52.576+/-15.282 χ^2/NDF : 77.4/72

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 92.140 $\pm$ 0.017 χ^2 /NDF: 452056.6/18

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 94.141 $\pm$ 0.018 χ^2 /NDF: 302678.5/17

Left: 93.113 $\pm$ 0.013 χ^2 /NDF: 761093.9/36

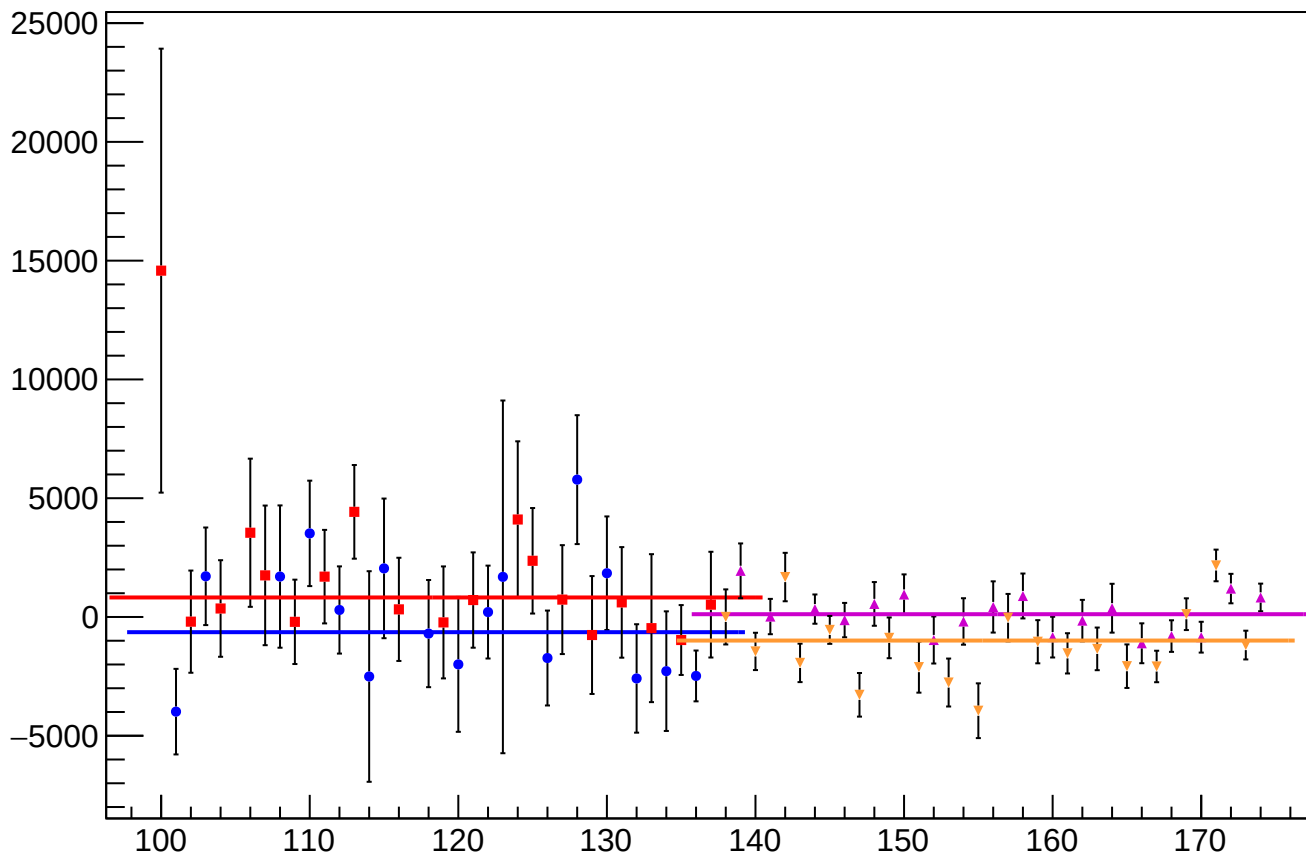
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 97.566 $\pm$ 0.015 χ^2 /NDF: 877631.1/34

Out: 96.498 $\pm$ 0.015 χ^2 /NDF: 1291120.9/37

All: 97.022 $\pm$ 0.011 χ^2 /NDF: 2171193.3/72

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 $\pm$ 519.248 χ^2 /NDF: 21.8/16

Left Out: -992.240 $\pm$ 187.495 χ^2 /NDF:57.8/18

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 116.807 $\pm$ 185.830 χ^2 /NDF:18.2/17

Left: -432.770 $\pm$ 131.986 χ^2 /NDF: 93.6/36

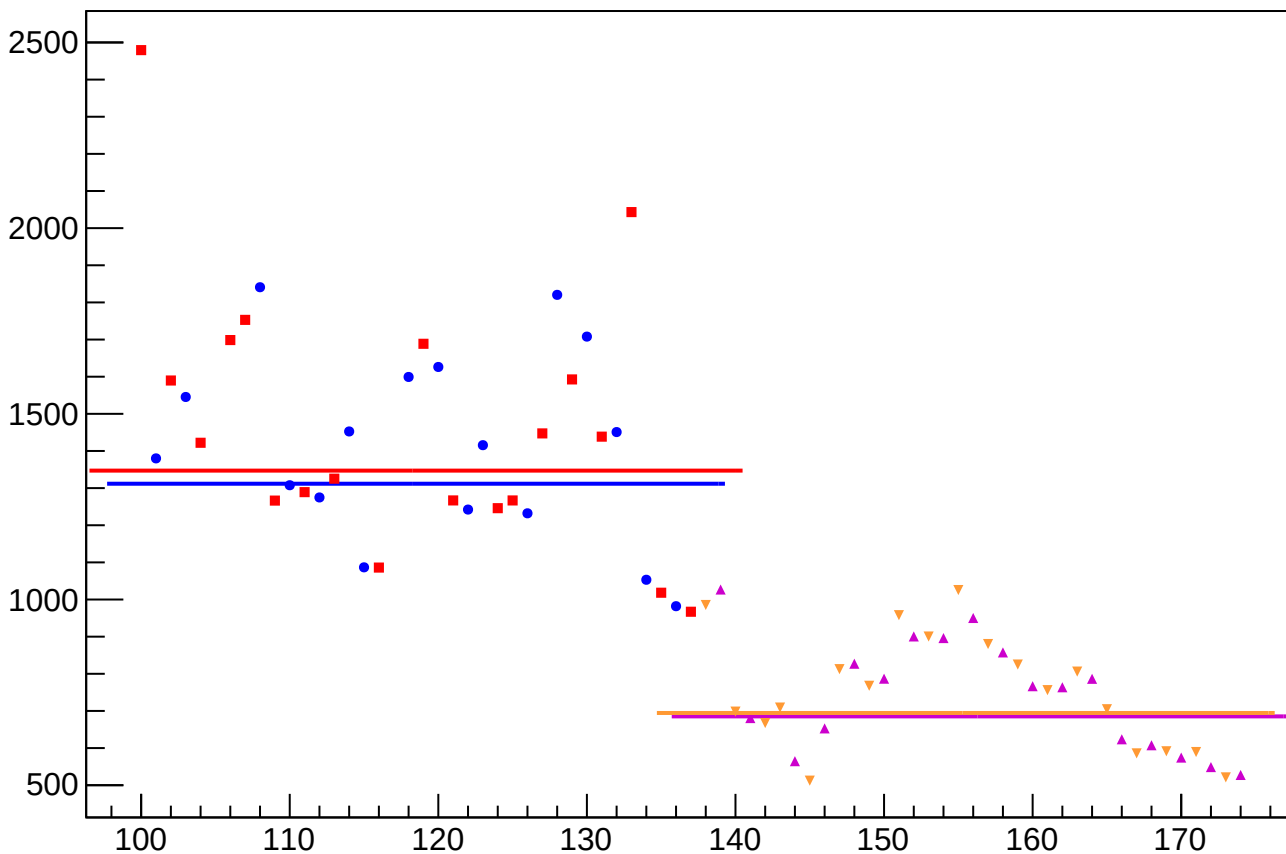
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 30.898 $\pm$ 174.963 χ^2 /NDF:41.8/34

Out: -780.457 $\pm$ 176.209 χ^2 /NDF:79.7/37

All: -371.901 $\pm$ 124.156 χ^2 /NDF: 132.2/72

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: 694.512 $\pm$ 0.133 χ^2 /NDF: 1204042.6/18

Right Out: 1347.117 $\pm$ 0.365 χ^2 /NDF: 490460.8/18

Left In: 685.326 $\pm$ 0.131 χ^2 /NDF: 1101351.8/17

Left: 689.878 $\pm$ 0.093 χ^2 /NDF: 2307815.9/36

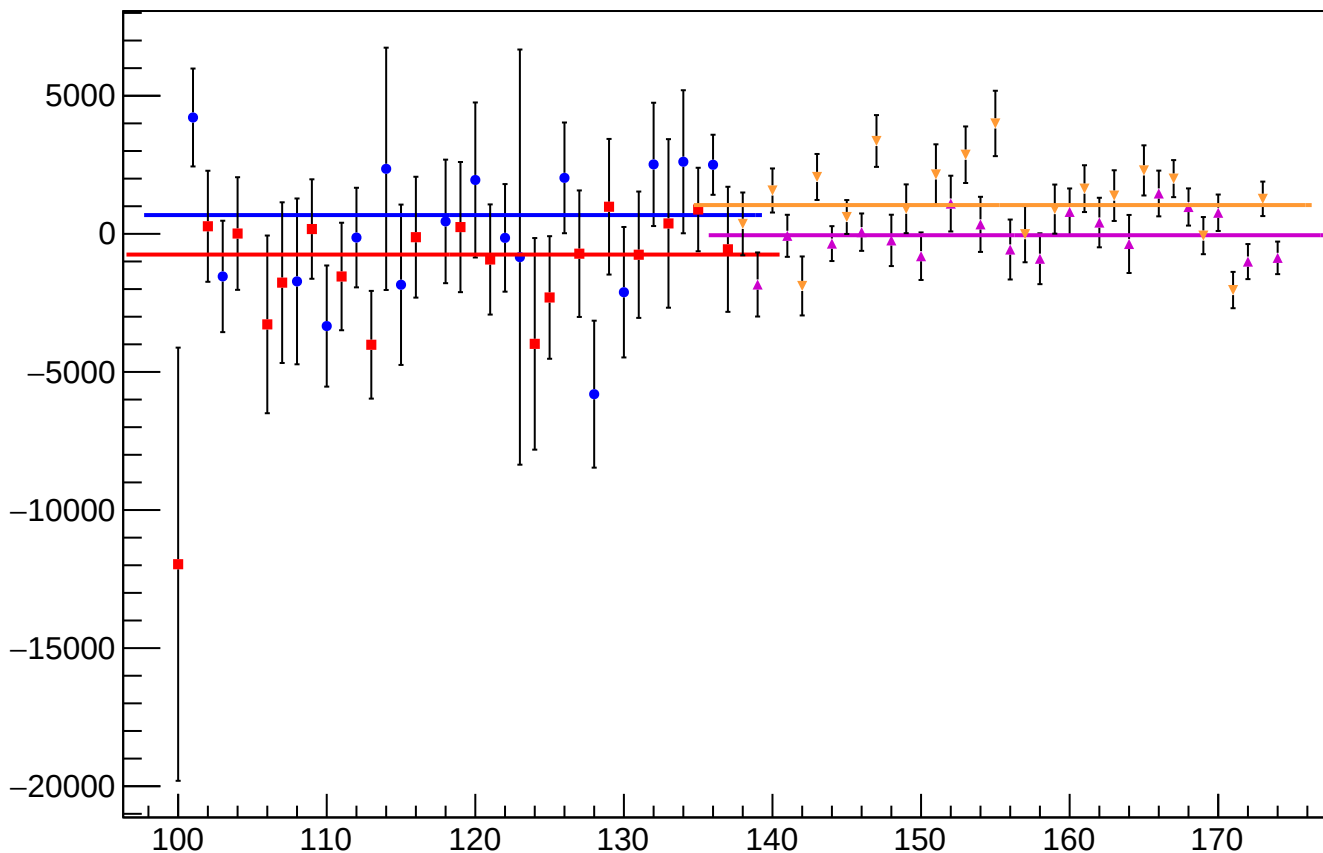
Right: 1329.578 $\pm$ 0.259 χ^2 /NDF: 1007796.5/35

In: 756.454 $\pm$ 0.124 χ^2 /NDF: 4194737.7/34

Out: 770.715 $\pm$ 0.125 χ^2 /NDF: 4523770.5/37

All: 763.534 $\pm$ 0.088 χ^2 /NDF: 8725104.4/72

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1042.301 $\pm$ 190.407 χ^2 /NDF: 57.3/18

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -49.221 $\pm$ 187.186 χ^2 /NDF: 18.7/17

Left: 487.229 $\pm$ 133.485 χ^2 /NDF: 92.7/36

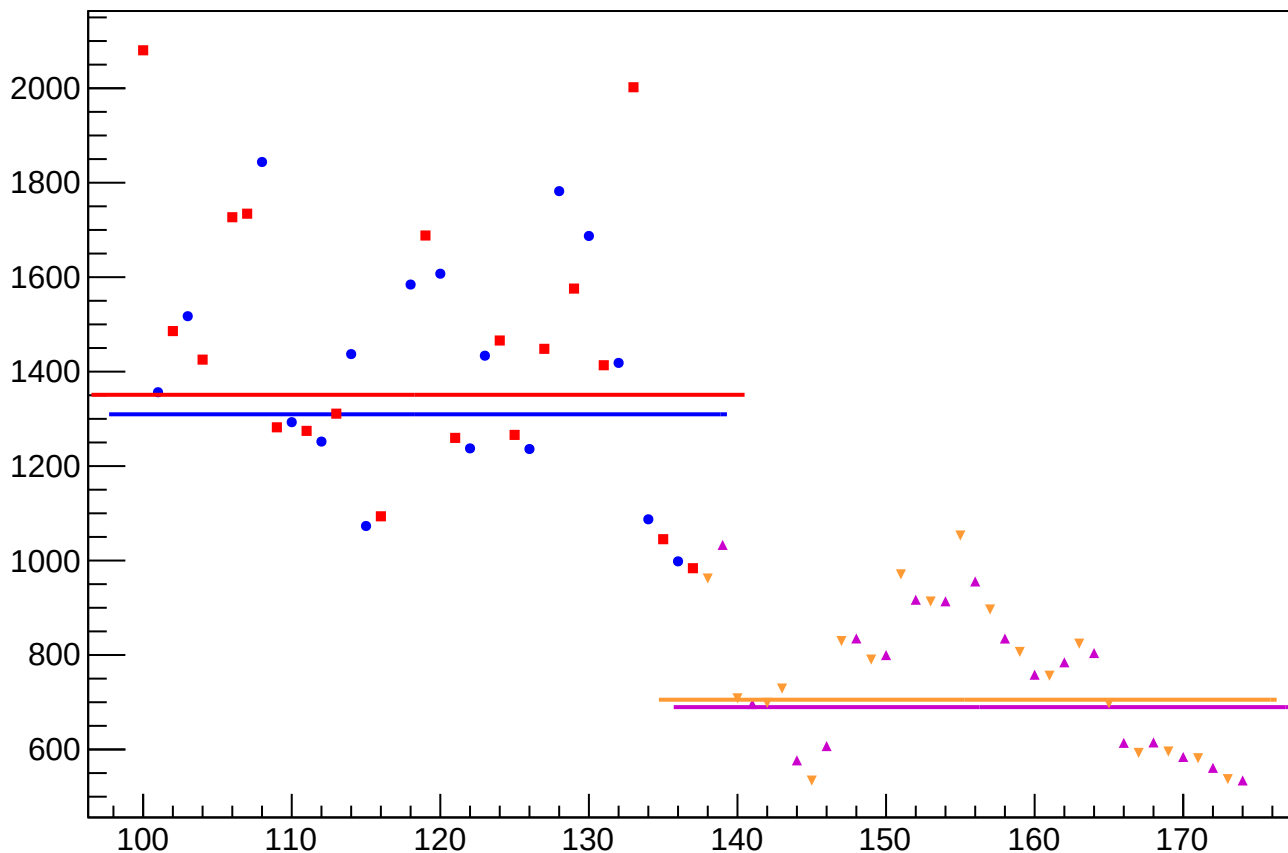
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 35.138 $\pm$ 176.025 χ^2 /NDF: 43.0/34

Out: 827.678 $\pm$ 178.642 χ^2 /NDF: 77.6/37

All: 425.561 $\pm$ 125.383 χ^2 /NDF: 130.6/72

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 705.369+/-0.135 χ^2/NDF : 1149463.8/18

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 689.647+/-0.132 χ^2/NDF : 1095611.5/17

Left: 697.374+/-0.094 χ^2/NDF : 2252009.0/36

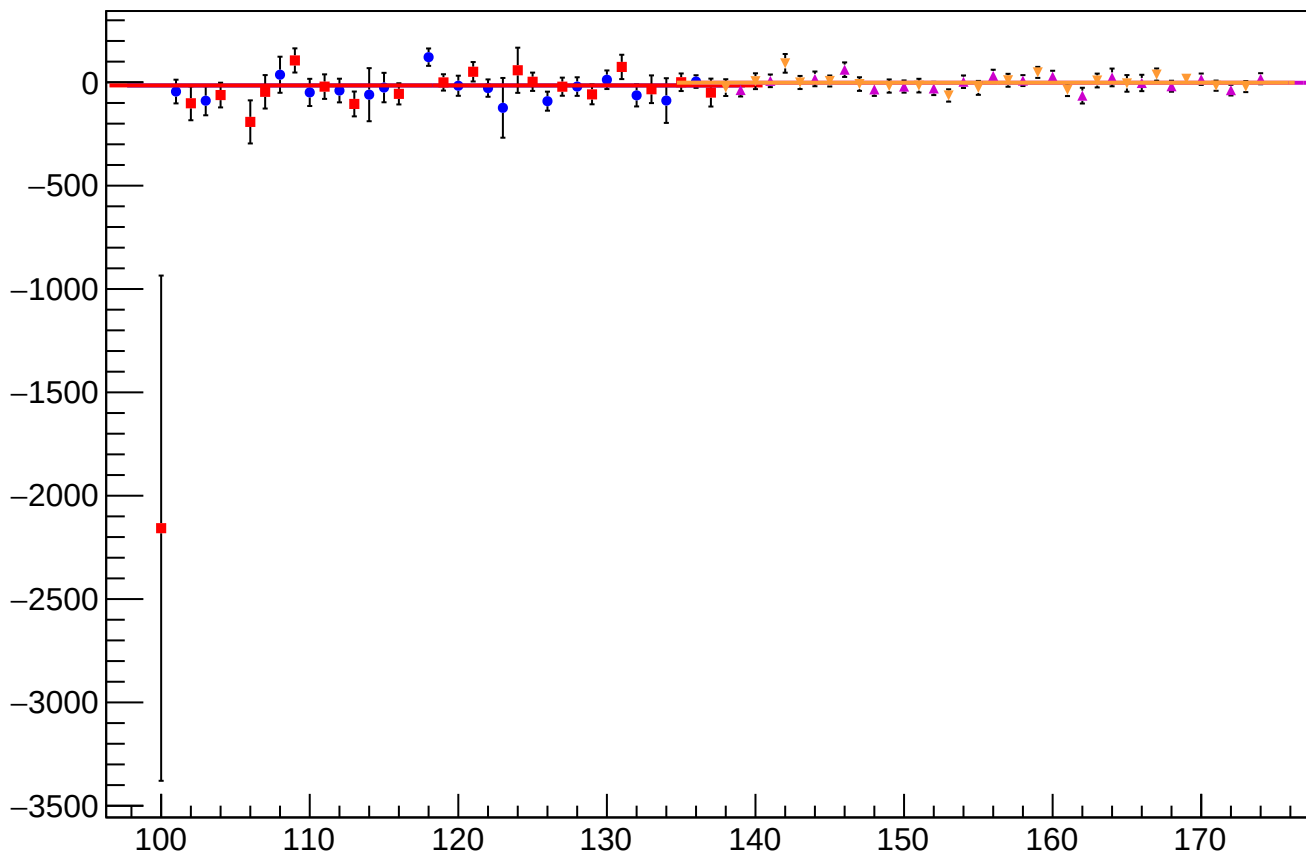
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 761.379+/-0.124 χ^2/NDF : 4093508.6/34

Out: 782.686+/-0.126 χ^2/NDF : 4325700.8/37

All: 771.875+/-0.089 χ^2/NDF : 8433645.7/72

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 $\chi^2/\text{NDF}: 18.3/16$

Left Out: -1.855 ± 7.083 $\chi^2/\text{NDF}: 18.3/18$

Right Out: -15.085 ± 13.097 $\chi^2/\text{NDF}: 21.3/18$

Left In: -2.262 ± 7.216 $\chi^2/\text{NDF}: 15.8/17$

Left: -2.055 ± 5.055 $\chi^2/\text{NDF}: 34.2/36$

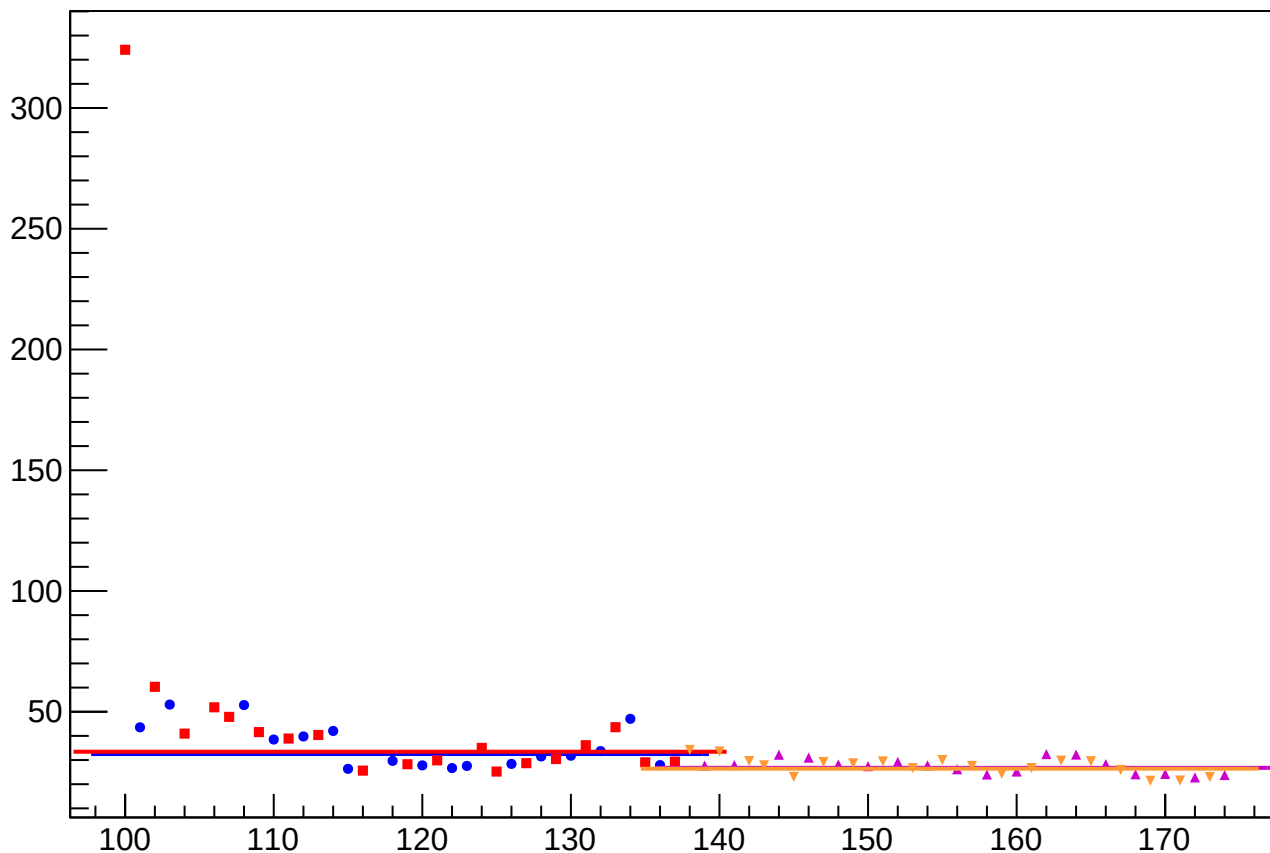
Right: -15.184 ± 9.193 $\chi^2/\text{NDF}: 39.6/35$

In: -5.362 ± 6.299 $\chi^2/\text{NDF}: 34.9/34$

Out: -4.849 ± 6.231 $\chi^2/\text{NDF}: 40.4/37$

All: -5.103 ± 4.430 $\chi^2/\text{NDF}: 75.3/72$

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 26.411 $\pm$ 0.005 χ^2 /NDF: 497394.6/18

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 26.766 $\pm$ 0.005 χ^2 /NDF: 316561.0/17

Left: 26.585 $\pm$ 0.004 χ^2 /NDF: 816426.9/36

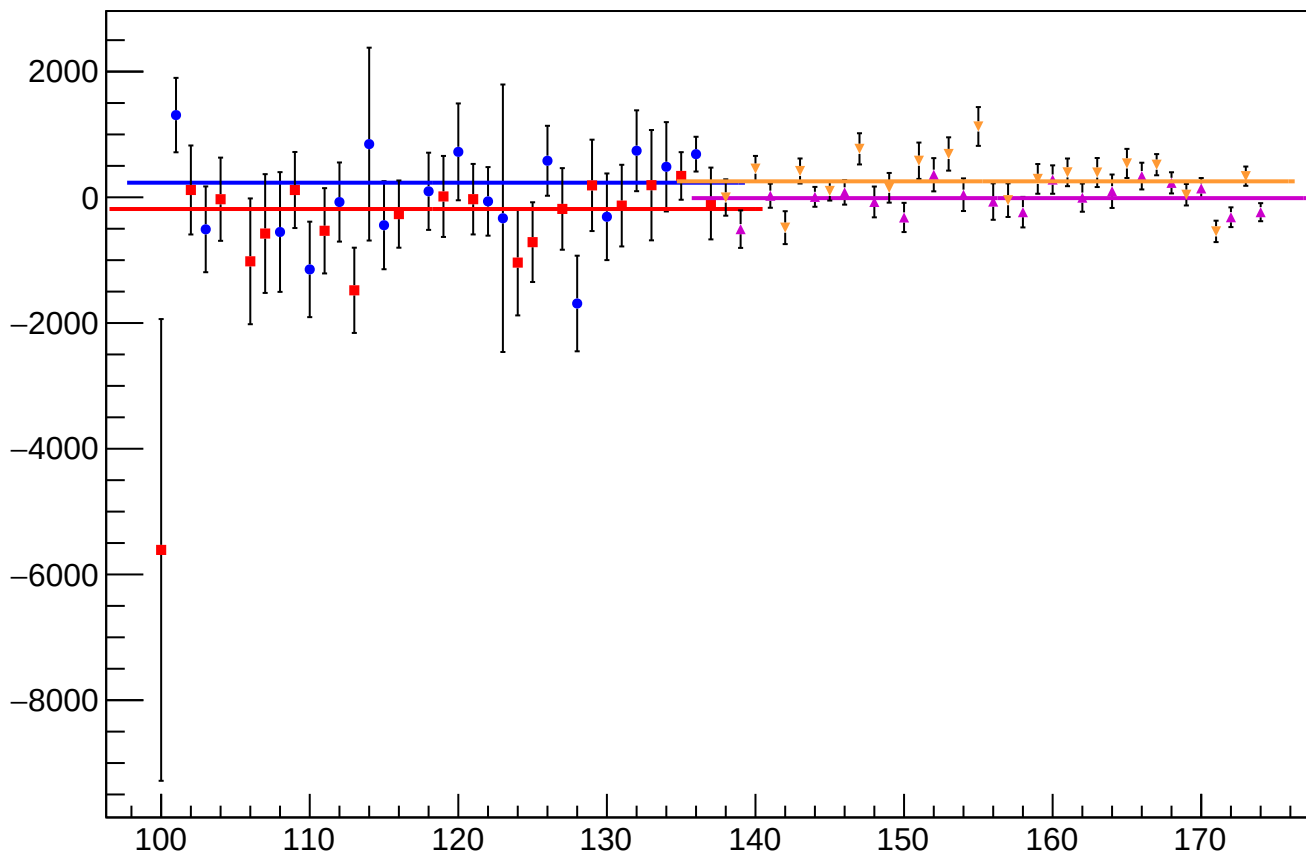
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.129 $\pm$ 0.004 χ^2 /NDF: 1210589.4/34

Out: 28.003 $\pm$ 0.004 χ^2 /NDF: 1782044.1/37

All: 28.065 $\pm$ 0.003 χ^2 /NDF: 2993040.5/72

asym_sam_1357_2468_dd_correction_mean vs Slug, Sign Corrected



Right In: 232.332 $\pm$ 148.607 χ^2 /NDF: 21.5/16

Left Out: 254.110 $\pm$ 48.442 χ^2 /NDF: 57.7/18

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -13.074 $\pm$ 47.967 χ^2 /NDF: 21.5/17

Left: 119.200 $\pm$ 34.084 χ^2 /NDF: 94.5/36

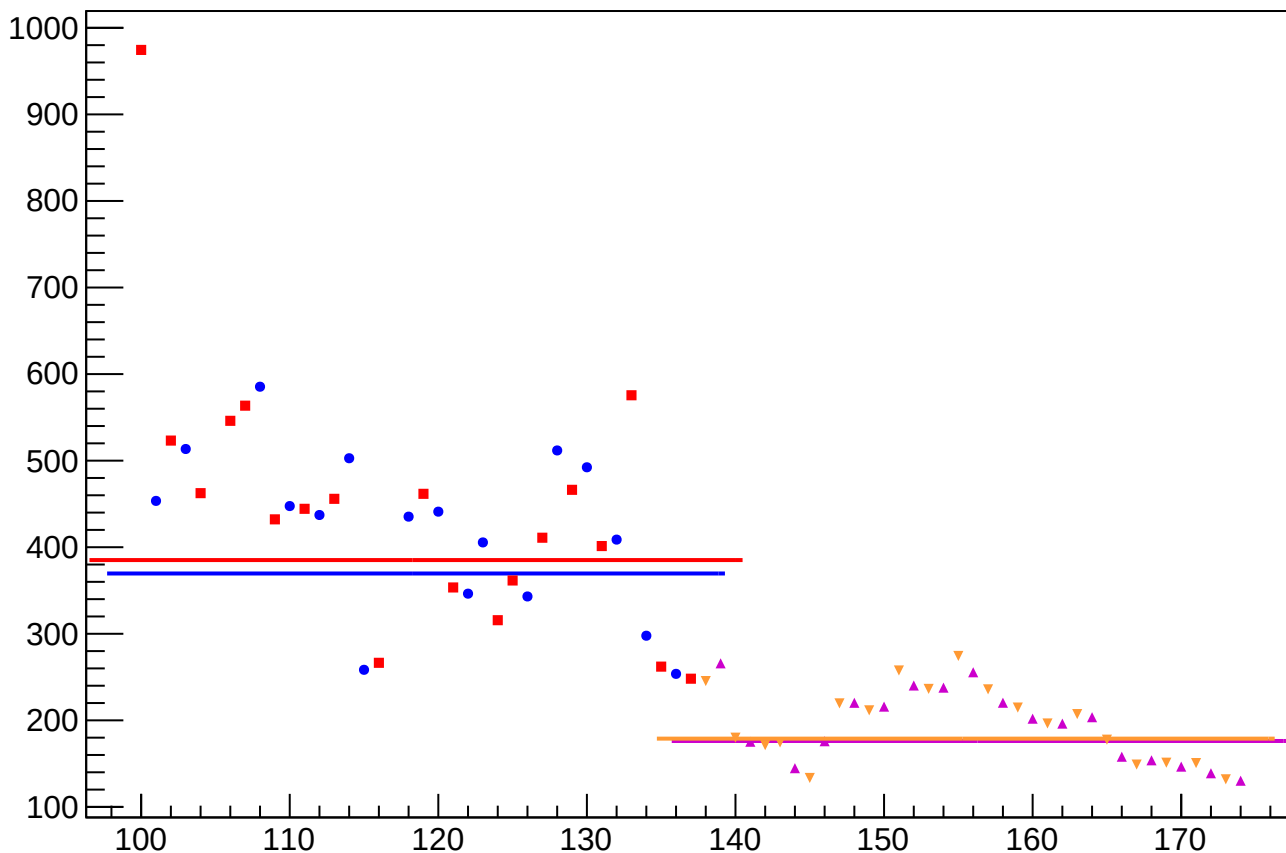
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 10.081 $\pm$ 45.648 χ^2 /NDF: 45.4/34

Out: 212.464 $\pm$ 46.094 χ^2 /NDF: 77.2/37

All: 110.287 $\pm$ 32.435 χ^2 /NDF: 132.4/72

asym_sam_1357_2468_dd_correction_rms vs Slug, Sign Corrected



Right In: 369.650 $\pm$ 0.105 χ^2 /NDF: 902775.2/16

Left Out: 178.880 $\pm$ 0.034 χ^2 /NDF: 1349647.5/18

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 176.159 $\pm$ 0.034 χ^2 /NDF: 1324167.8/17

Left: 177.506 $\pm$ 0.024 χ^2 /NDF: 2677001.0/36

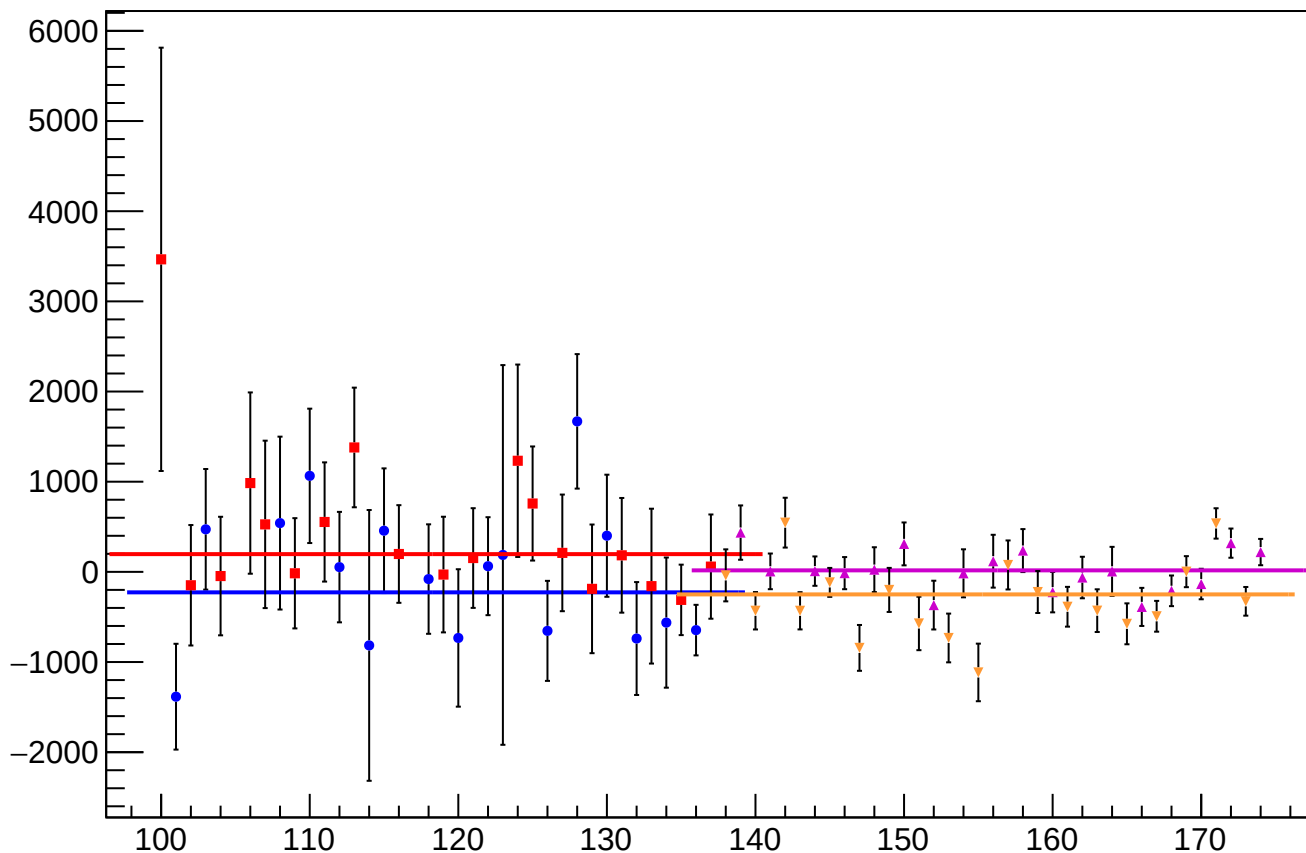
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 194.416 $\pm$ 0.032 χ^2 /NDF: 5297579.1/34

Out: 198.390 $\pm$ 0.033 χ^2 /NDF: 5706199.2/37

All: 196.384 $\pm$ 0.023 χ^2 /NDF: 11011285.9/72

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -249.900 ± 49.363 χ^2/NDF : 59.0/18

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 16.669 ± 48.449 χ^2/NDF : 19.5/17

Left: -114.127 ± 34.577 χ^2/NDF : 93.3/36

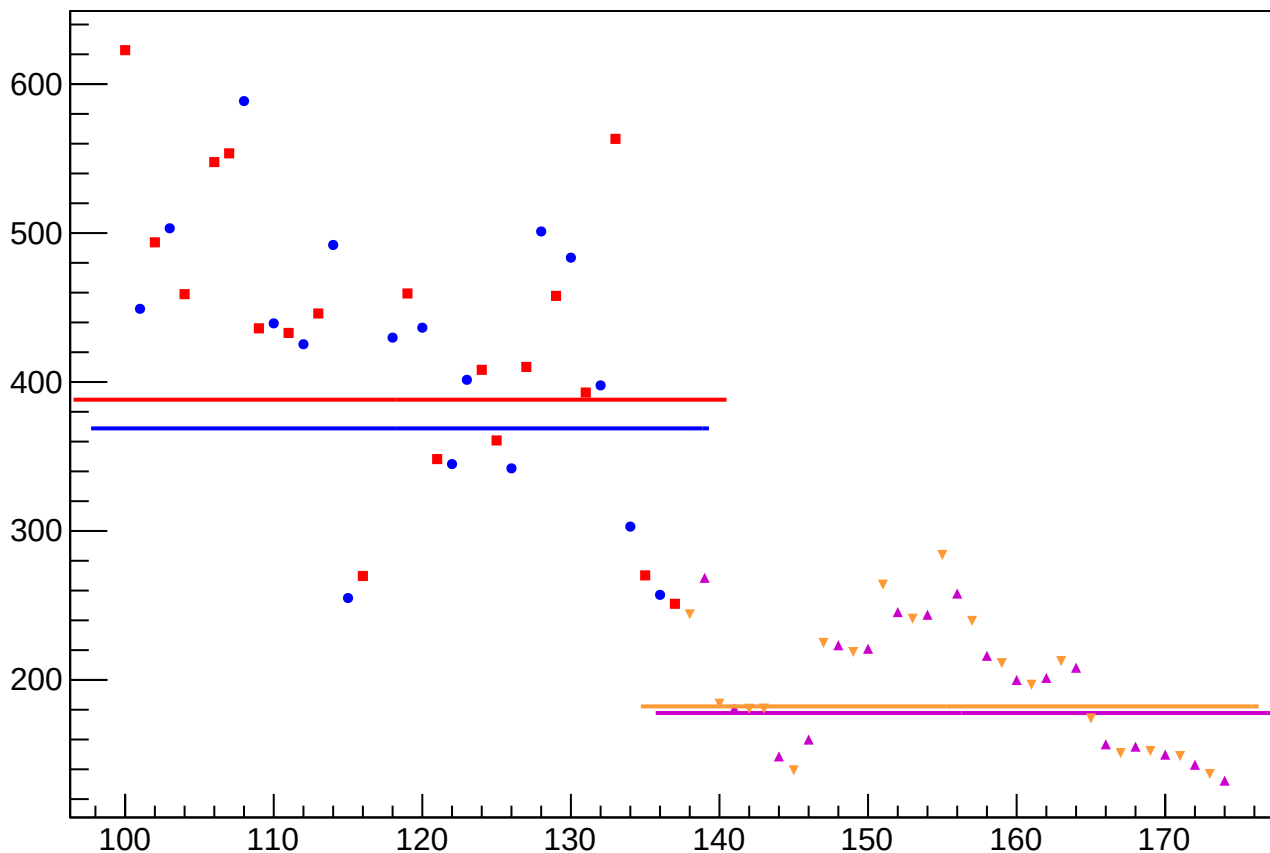
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -6.966 ± 46.043 χ^2/NDF : 43.8/34

Out: -206.349 ± 46.894 χ^2/NDF : 77.7/37

All: -104.830 ± 32.854 χ^2/NDF : 130.7/72

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: 182.243 $\pm$ 0.035 χ^2 /NDF:1319386.9/18

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 177.792 $\pm$ 0.034 χ^2 /NDF:1309685.1/17

Left: 179.976 $\pm$ 0.024 χ^2 /NDF: 2637352.4/36

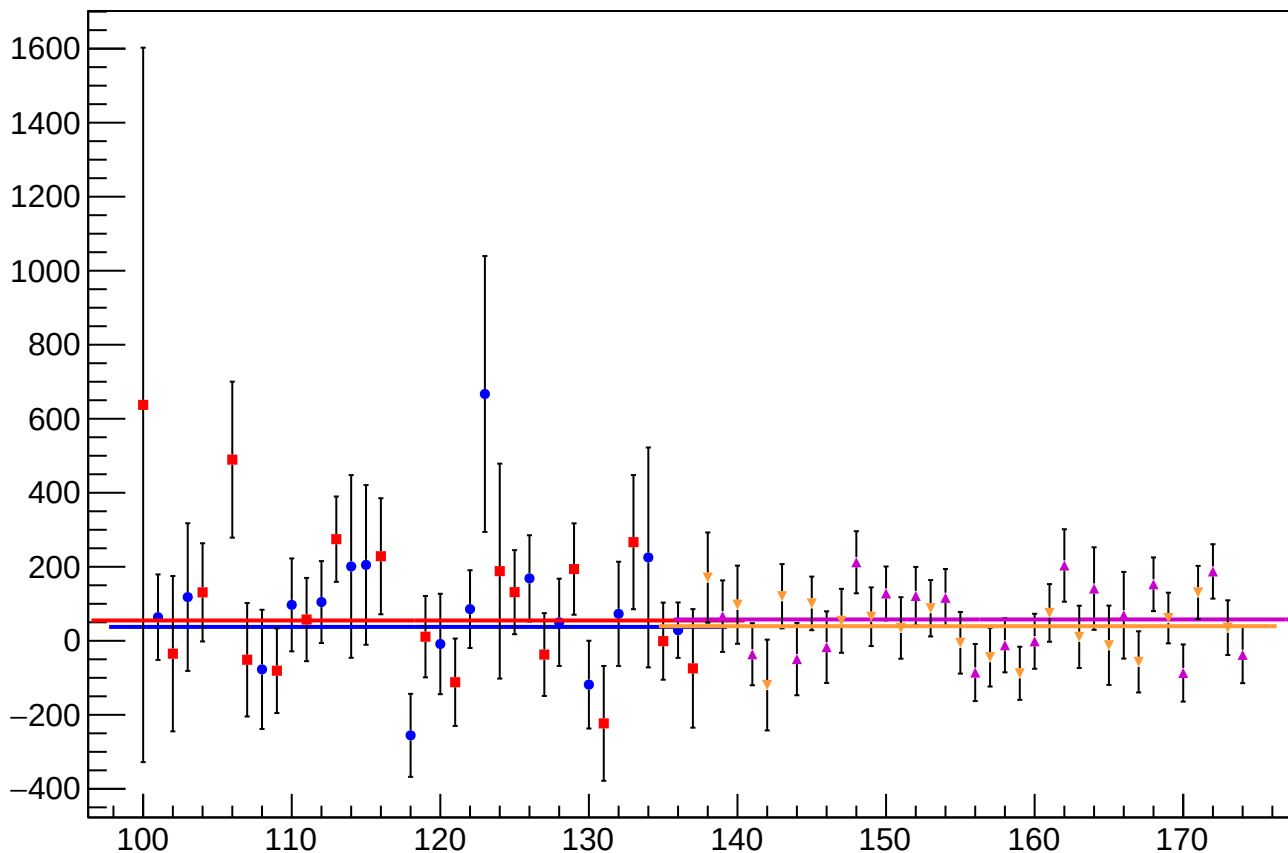
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 196.304 $\pm$ 0.033 χ^2 /NDF:5153079.4/34

Out: 202.318 $\pm$ 0.033 χ^2 /NDF:5490043.7/37

All: 199.256 $\pm$ 0.023 χ^2 /NDF: 10659870.9/72

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 39.496 $\pm$ 18.953 χ^2 /NDF:13.5/18

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 57.685 $\pm$ 19.512 χ^2 /NDF:26.3/17

Left: 48.326 $\pm$ 13.595 χ^2 /NDF: 40.2/36

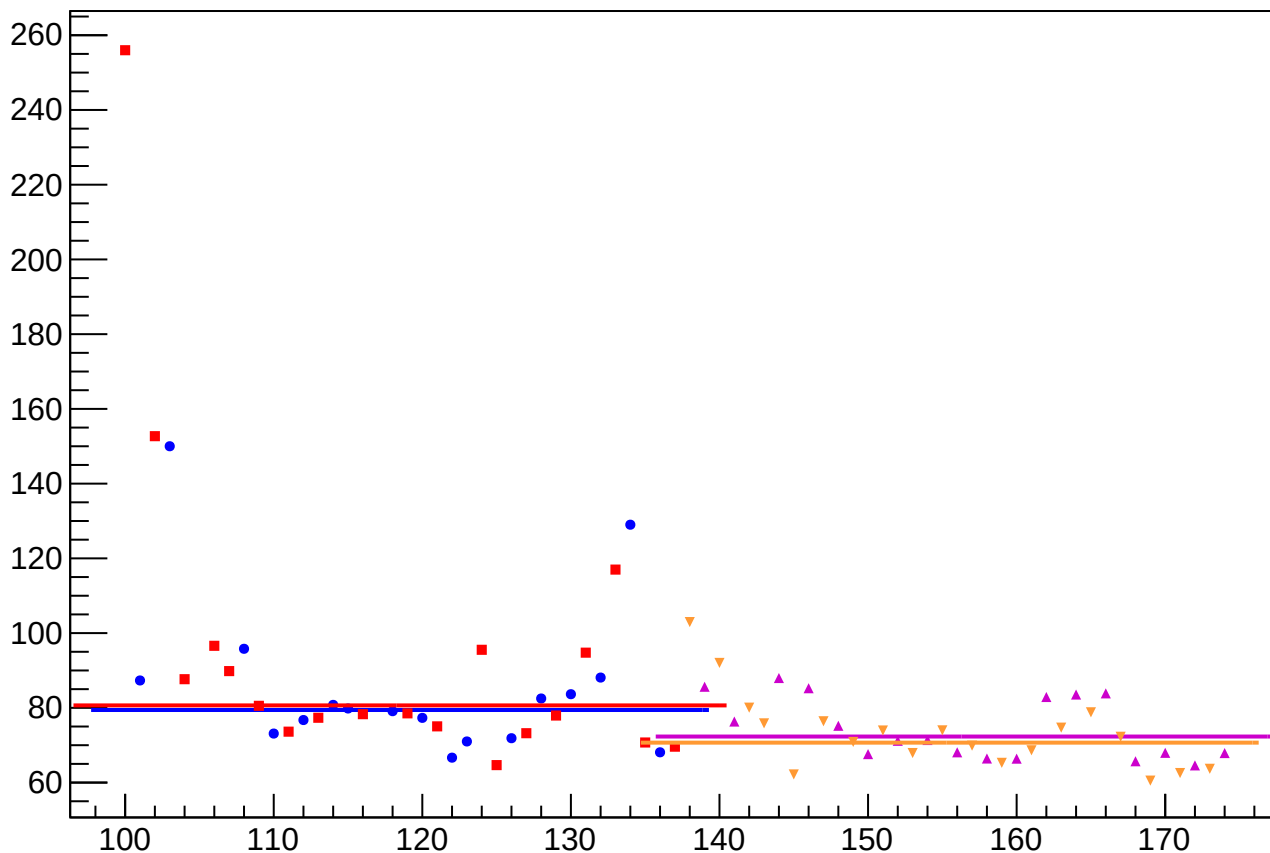
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 52.087 $\pm$ 16.582 χ^2 /NDF:42.4/34

Out: 43.594 $\pm$ 16.236 χ^2 /NDF:35.8/37

All: 47.751 $\pm$ 11.601 χ^2 /NDF: 78.4/72

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 70.687 $\pm$ 0.013 χ^2 /NDF: 403047.1/18

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 72.320 $\pm$ 0.014 χ^2 /NDF: 287498.6/17

Left: 71.480 $\pm$ 0.010 χ^2 /NDF: 697756.6/36

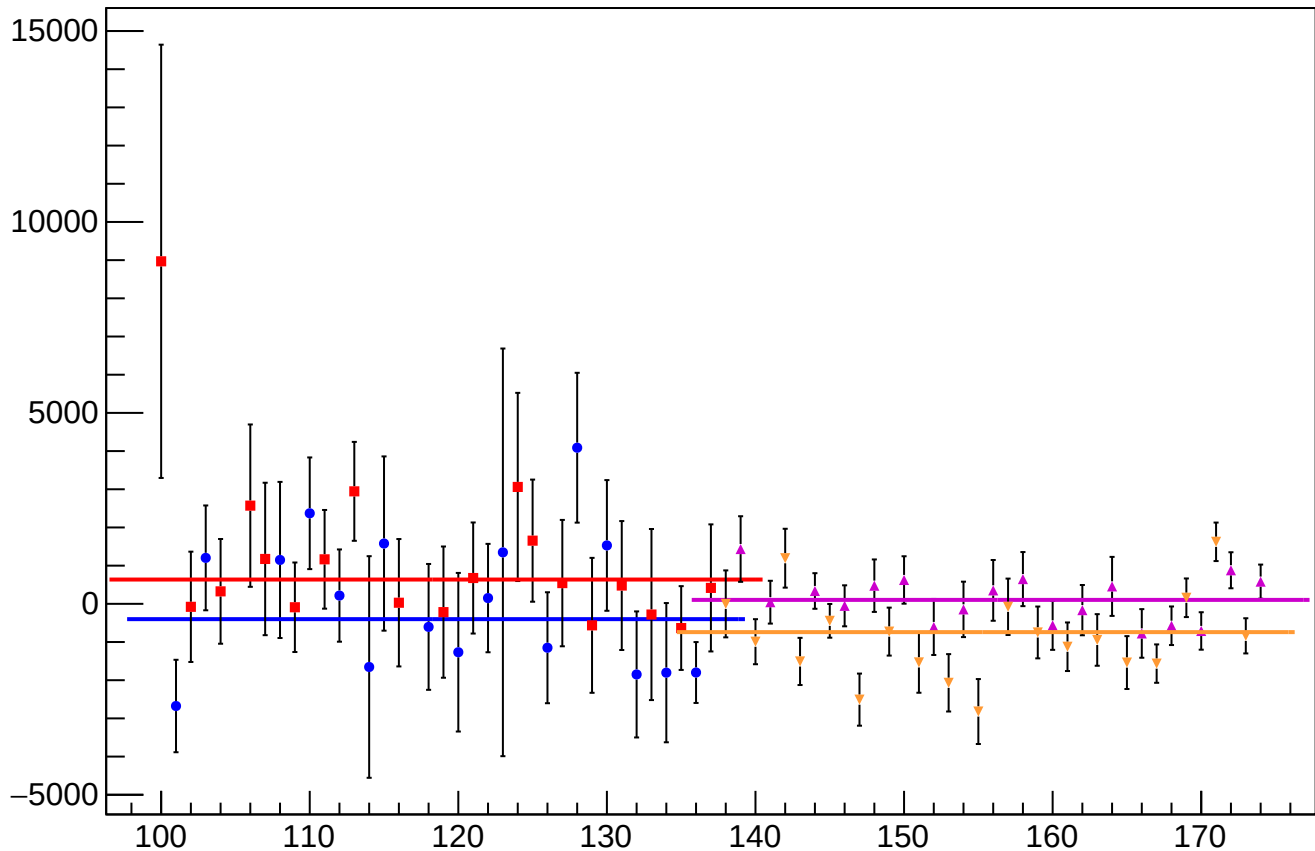
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 74.293 $\pm$ 0.012 χ^2 /NDF: 800132.3/34

Out: 73.339 $\pm$ 0.011 χ^2 /NDF: 1070628.5/37

All: 73.806 $\pm$ 0.008 χ^2 /NDF: 1874140.3/72

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -740.809+/-140.985 χ^2/NDF : 56.5/18

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 103.237+/-139.855 χ^2/NDF : 17.3/17

Left: -315.388+/-99.289 χ^2/NDF : 91.8/36

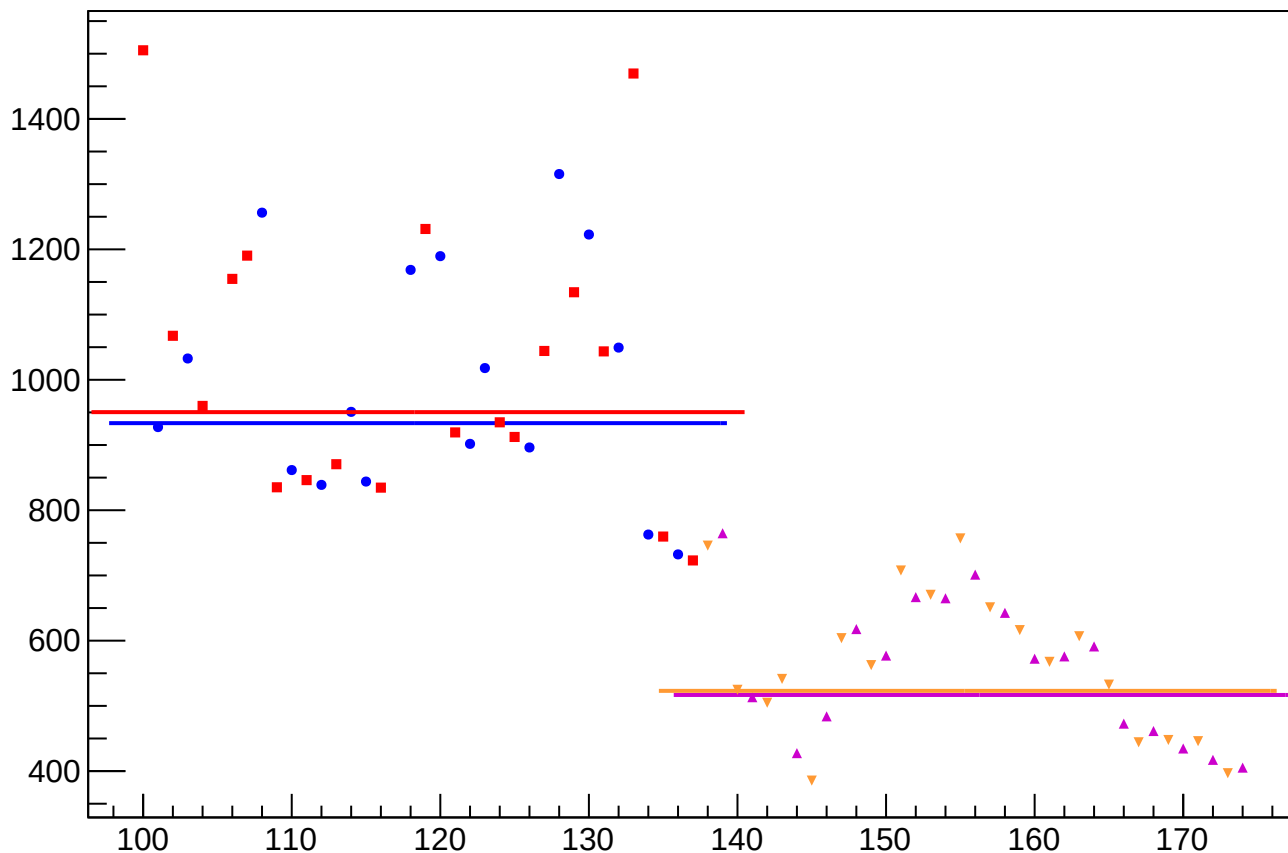
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 39.739+/-130.754 χ^2/NDF : 40.8/34

Out: -560.261+/-131.417 χ^2/NDF : 79.9/37

All: -258.742+/-92.691 χ^2/NDF : 131.2/72

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 523.047 ± 0.100 χ^2/NDF : 1127708.0/18

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 516.744 ± 0.099 χ^2/NDF : 1000190.4/17

Left: 519.870 ± 0.070 χ^2/NDF : 2129913.5/36

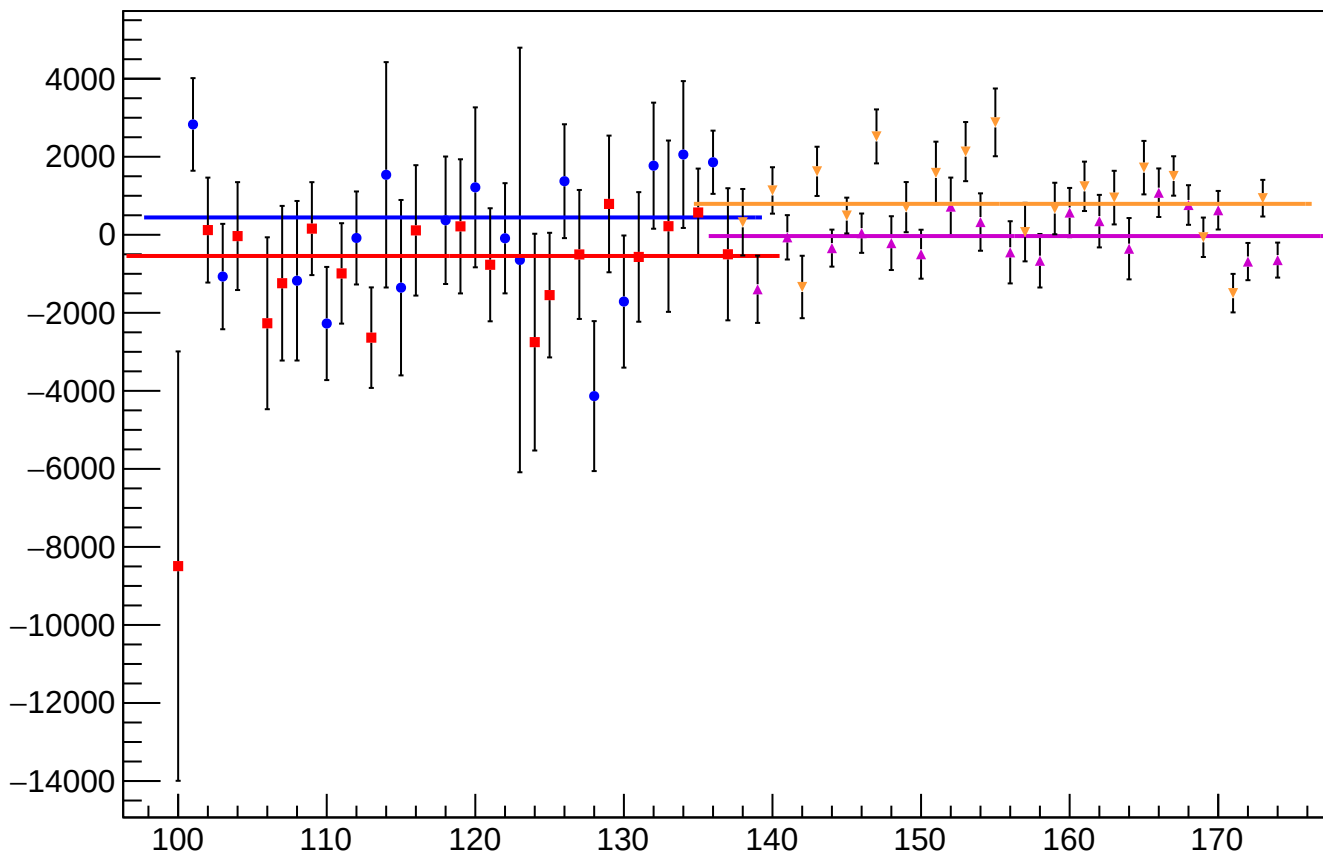
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 569.224 ± 0.092 χ^2/NDF : 3679085.6/34

Out: 579.084 ± 0.093 χ^2/NDF : 3961726.1/37

All: 574.129 ± 0.066 χ^2/NDF : 7646470.2/72

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 792.781+/-142.192 χ^2/NDF : 55.9/18

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -32.503+/-139.923 χ^2/NDF : 18.6/17

Left: 373.503+/-99.733 χ^2/NDF : 91.6/36

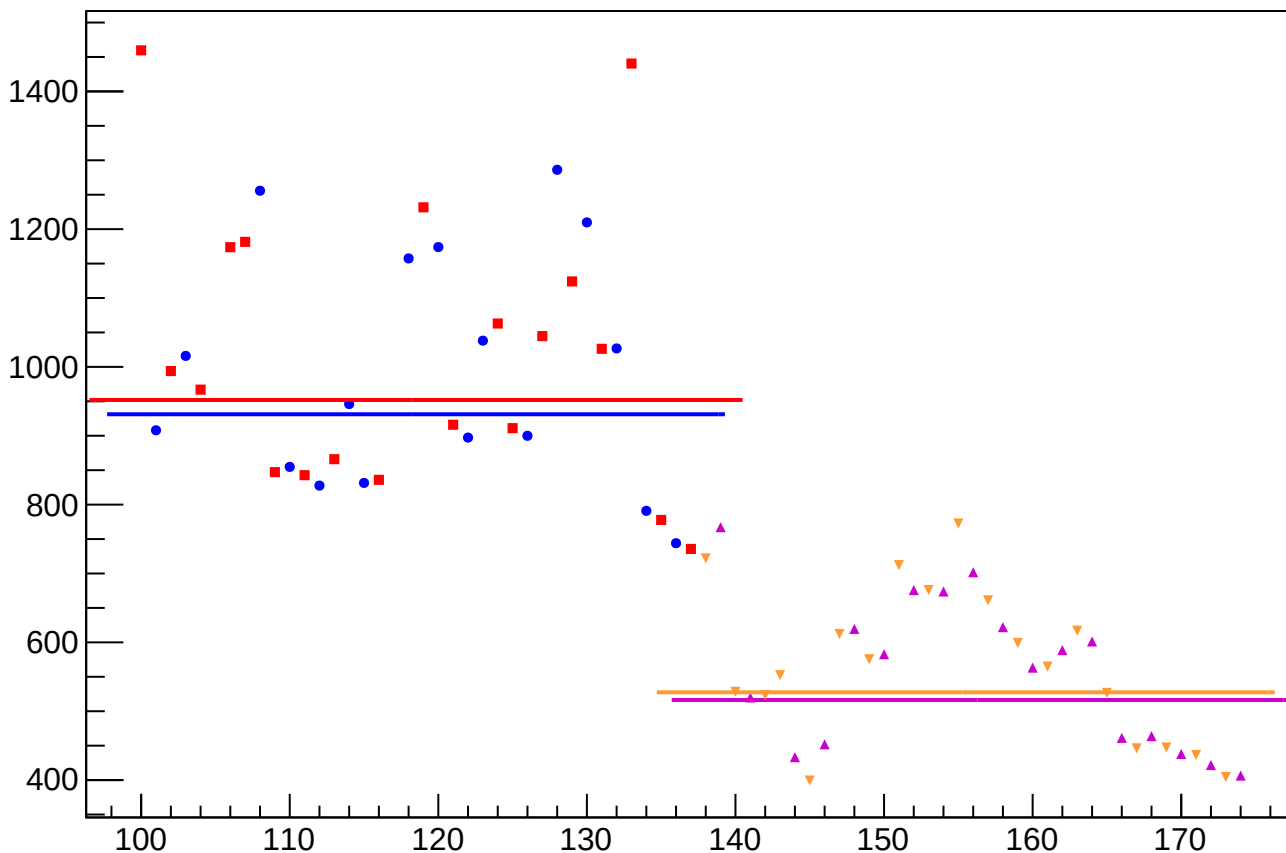
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 28.028+/-130.747 χ^2/NDF : 43.0/34

Out: 615.352+/-132.412 χ^2/NDF : 77.0/37

All: 317.975+/-93.035 χ^2/NDF : 129.9/72

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 527.451+/-0.101 χ^2/NDF : 1082616.5/18

Right Out: 951.963+/-0.257 χ^2/NDF : 382648.6/18

Left In: 516.305+/-0.099 χ^2/NDF : 1013350.1/17

Left: 521.788+/-0.071 χ^2/NDF : 2102211.0/36

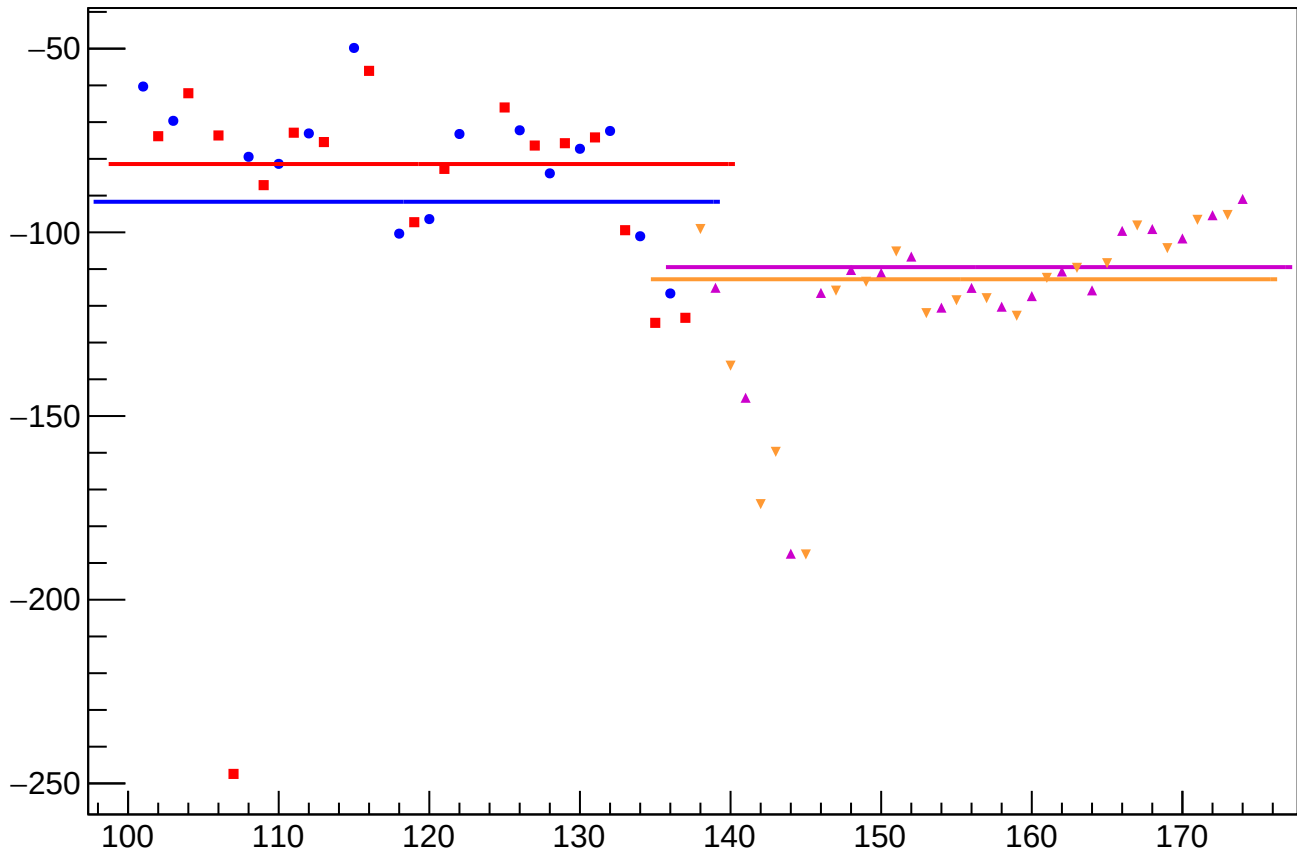
Right: 941.690+/-0.183 χ^2/NDF : 786122.1/35

In: 568.936+/-0.092 χ^2/NDF : 3644258.0/34

Out: 583.838+/-0.094 χ^2/NDF : 3833055.5/37

All: 576.292+/-0.066 χ^2/NDF : 7490139.8/72

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -112.771 ± 0.061 χ^2/NDF : 49484.2/18

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -109.466 ± 0.053 χ^2/NDF : 99894.9/17

Left: -110.869 ± 0.040 χ^2/NDF : 151061.9/36

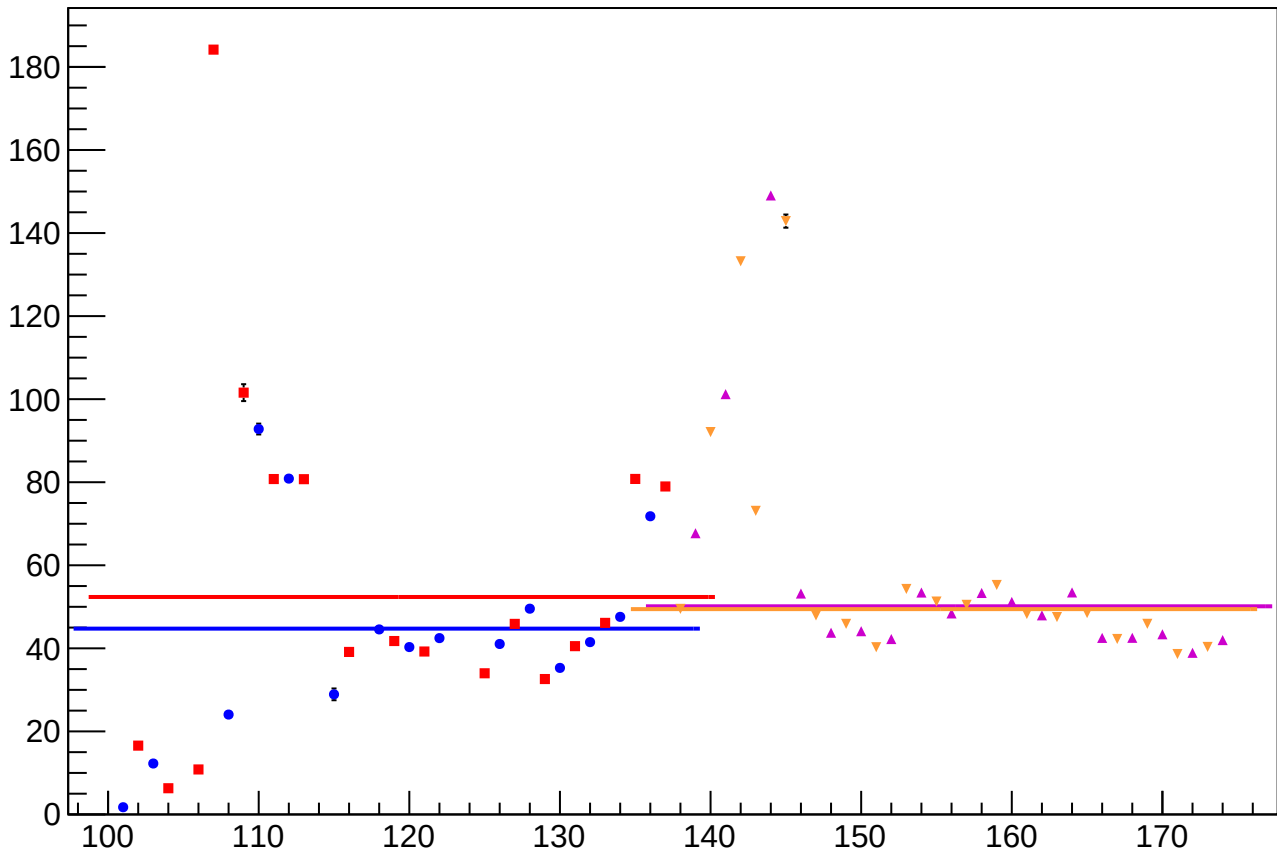
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -103.078 ± 0.042 χ^2/NDF : 205734.4/32

Out: -104.049 ± 0.052 χ^2/NDF : 164438.7/35

All: -103.462 ± 0.033 χ^2/NDF : 370384.4/68

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 49.443+/-0.051 χ^2/NDF : 53682.8/18

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 50.123+/-0.046 χ^2/NDF : 133580.9/17

Left: 49.815+/-0.034 χ^2/NDF : 187363.0/36

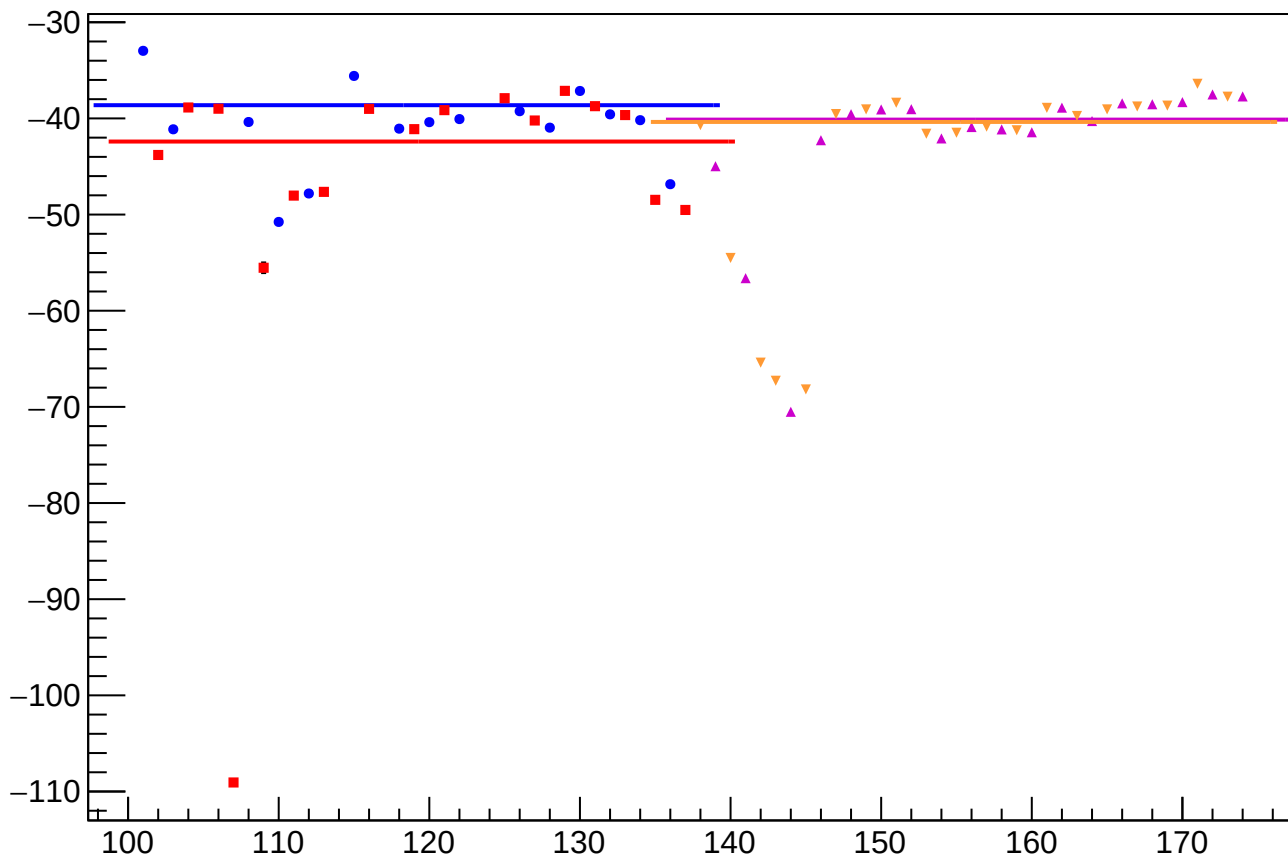
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 48.160+/-0.037 χ^2/NDF : 223285.9/32

Out: 49.933+/-0.046 χ^2/NDF : 123529.6/35

All: 48.846+/-0.029 χ^2/NDF : 347722.8/68

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -40.367 ± 0.008 $\chi^2/\text{NDF}: 226225.0/18$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -40.126 ± 0.008 $\chi^2/\text{NDF}: 181169.4/17$

Left: -40.251 ± 0.005 $\chi^2/\text{NDF}: 407872.5/36$

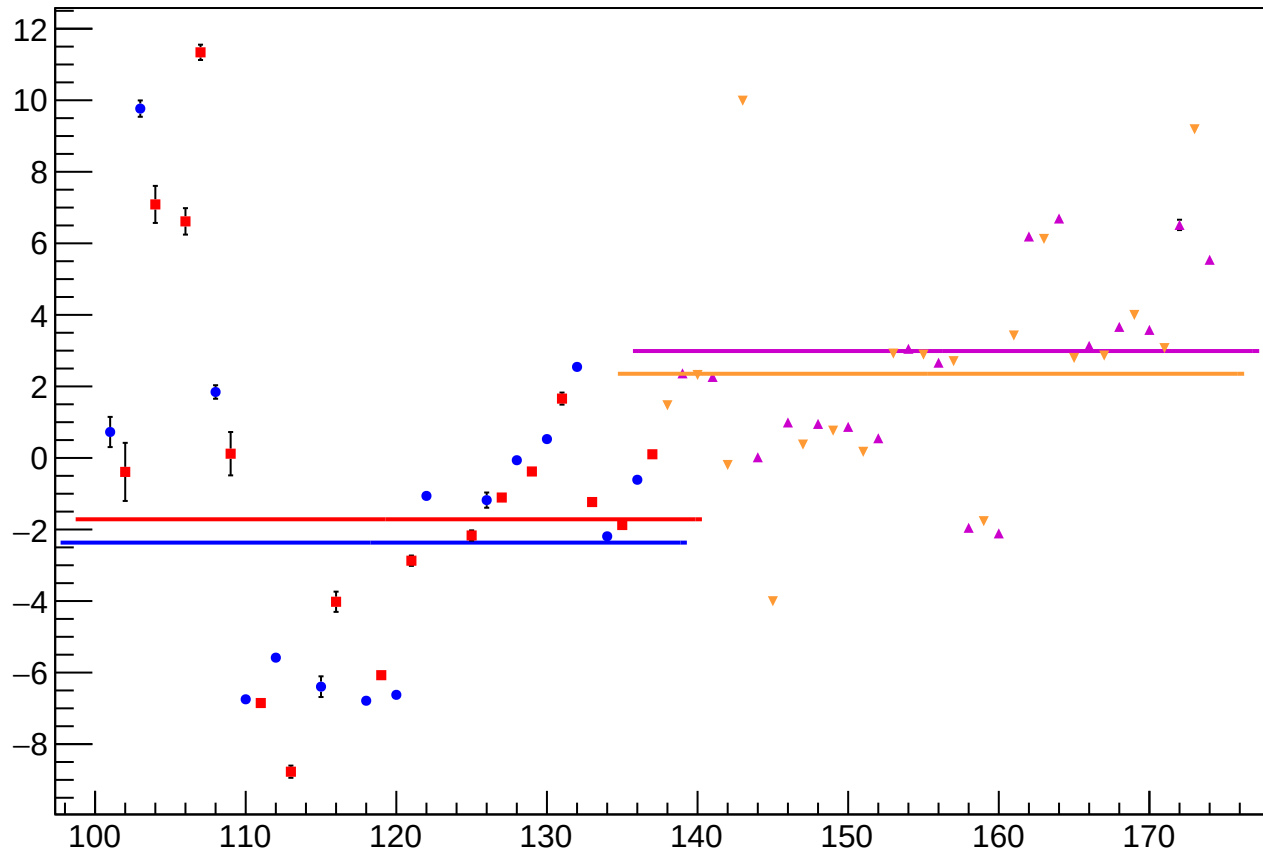
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.406 ± 0.006 $\chi^2/\text{NDF}: 438426.4/32$

Out: -40.598 ± 0.007 $\chi^2/\text{NDF}: 503503.7/35$

All: -39.871 ± 0.004 $\chi^2/\text{NDF}: 958798.6/68$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 2.354 ± 0.008 χ^2/NDF : 85716.5/18

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 2.989 ± 0.007 χ^2/NDF : 153518.9/17

Left: 2.740 ± 0.005 χ^2/NDF : 242910.0/36

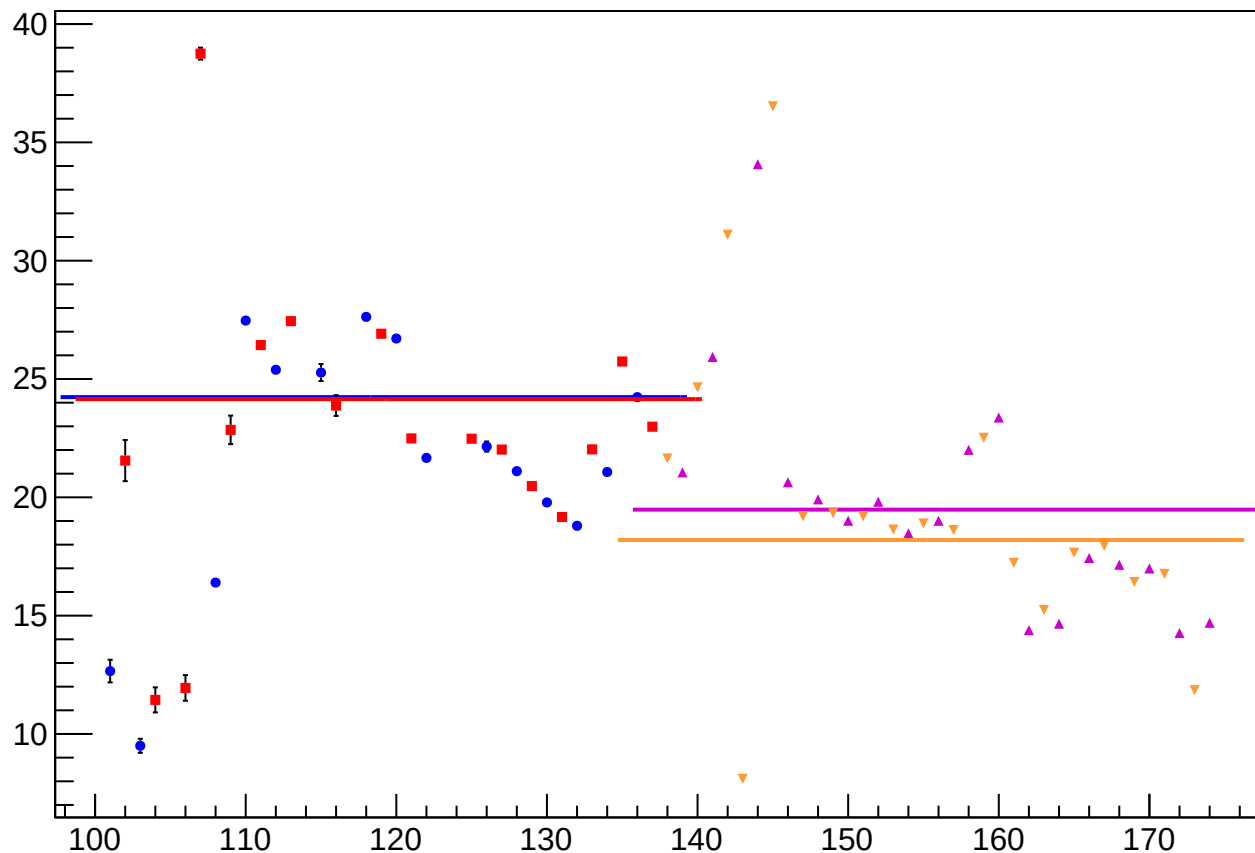
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.032 ± 0.006 χ^2/NDF : 301271.9/32

Out: 2.012 ± 0.008 χ^2/NDF : 119248.5/35

All: 2.025 ± 0.005 χ^2/NDF : 420524.7/68

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235+/-0.022 χ^2/NDF : 21896.9/14

Left Out: 18.198+/-0.008 χ^2/NDF : 90120.7/18

Right Out: 24.150+/-0.024 χ^2/NDF : 13222.6/16

Left In: 19.481+/-0.008 χ^2/NDF : 117128.6/17

Left: 18.873+/-0.006 χ^2/NDF : 219585.8/36

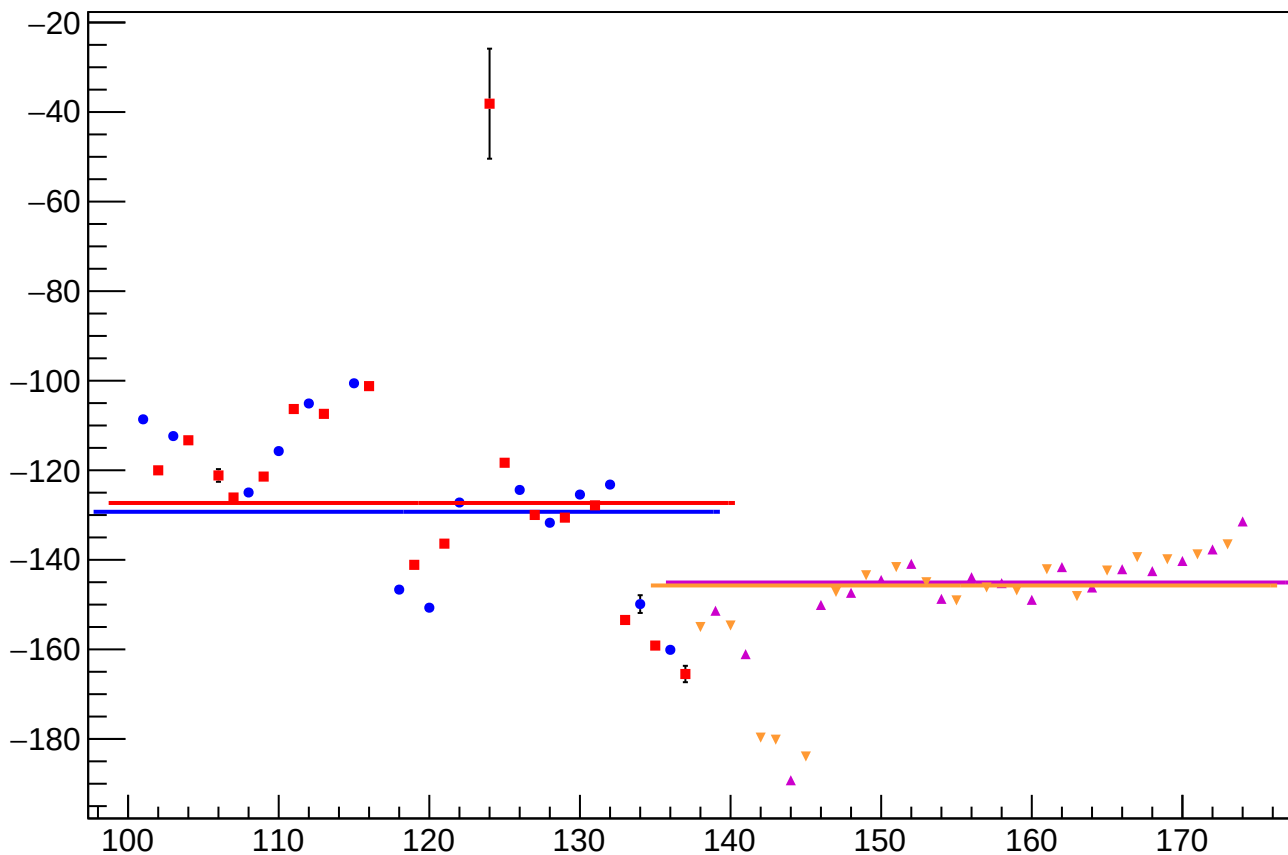
Right: 24.197+/-0.016 χ^2/NDF : 35126.2/31

In: 20.028+/-0.007 χ^2/NDF : 180265.4/32

Out: 18.827+/-0.008 χ^2/NDF : 156684.6/35

All: 19.463+/-0.005 χ^2/NDF : 349104.0/68

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272+/-0.088 χ^2/NDF : 35109.7/14

Left Out: -145.726+/-0.050 χ^2/NDF : 38962.8/18

Right Out: -127.303+/-0.084 χ^2/NDF : 29597.3/17

Left In: -145.064+/-0.049 χ^2/NDF : 32161.0/17

Left: -145.393+/-0.035 χ^2/NDF : 71212.8/36

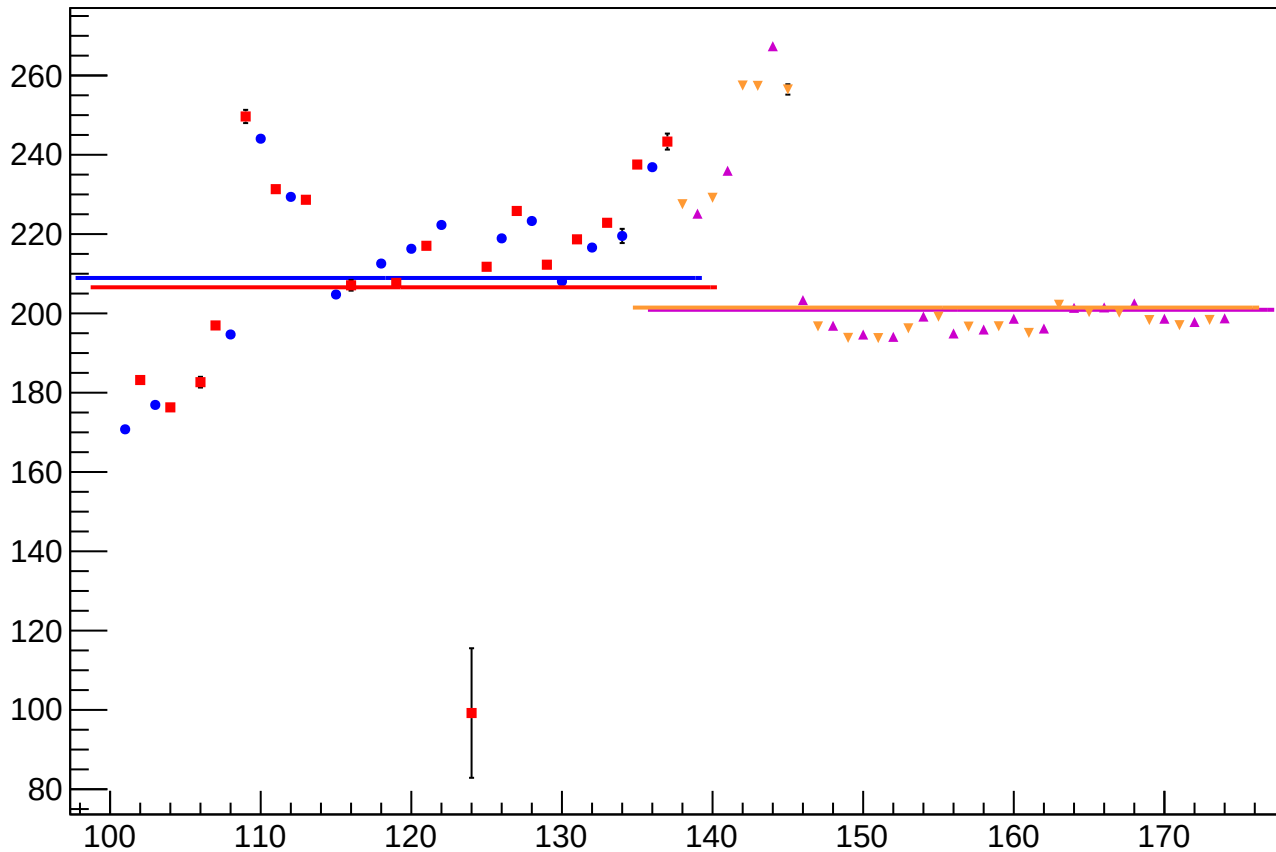
Right: -128.248+/-0.061 χ^2/NDF : 64968.8/32

In: -141.259+/-0.043 χ^2/NDF : 91839.6/32

Out: -140.967+/-0.043 χ^2/NDF : 103967.9/36

All: -141.112+/-0.030 χ^2/NDF : 195830.6/69

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 201.465 $\pm$ 0.042 χ^2 /NDF:105331.0/18

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.908 $\pm$ 0.043 χ^2 /NDF:76921.3/17

Left: 201.191 $\pm$ 0.030 χ^2 /NDF: 182337.8/36

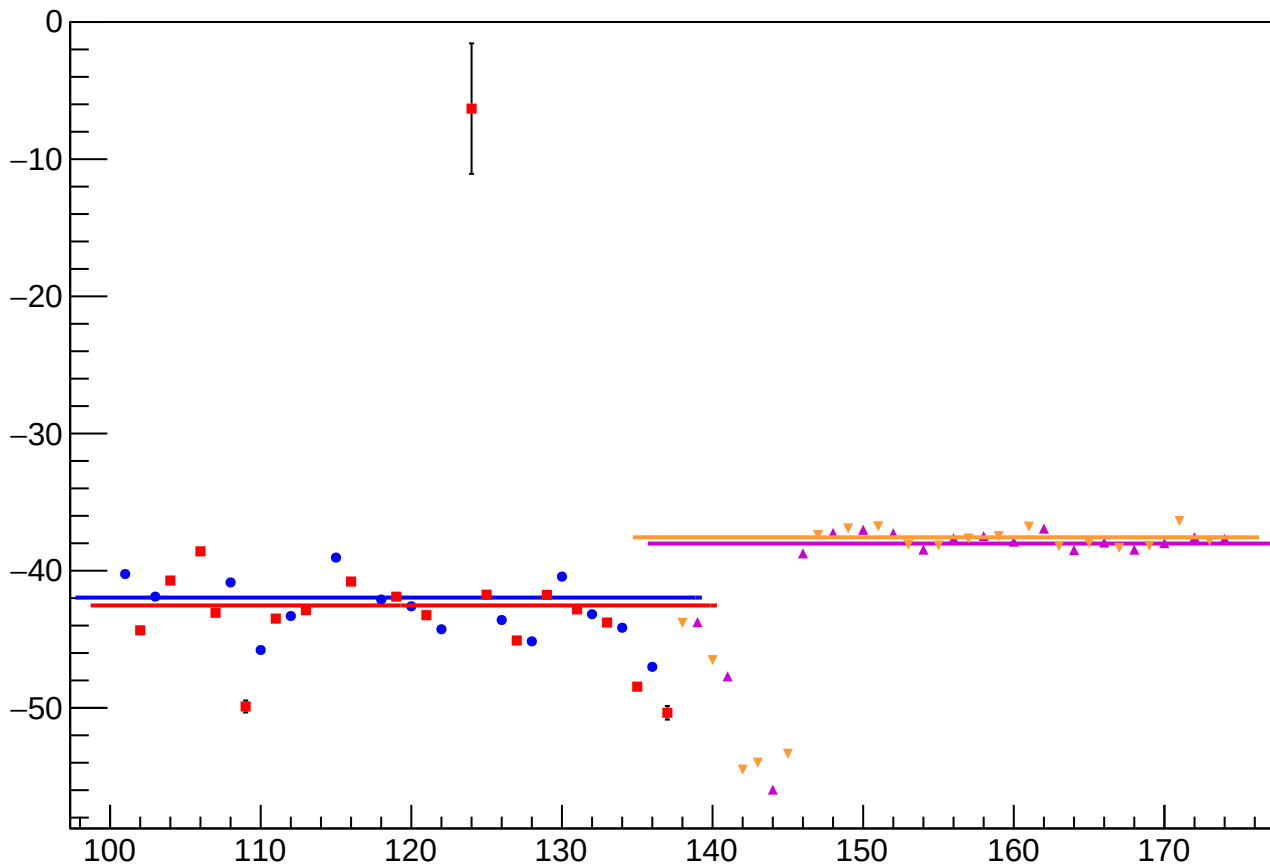
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 202.420 $\pm$ 0.039 χ^2 /NDF:128175.7/32

Out: 202.514 $\pm$ 0.038 χ^2 /NDF:156548.3/36

All: 202.469 $\pm$ 0.027 χ^2 /NDF: 284727.0/69

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.565 ± 0.004 $\chi^2/\text{NDF}: 225731.0/18$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.021 ± 0.005 $\chi^2/\text{NDF}: 134011.0/17$

Left: -37.772 ± 0.003 $\chi^2/\text{NDF}: 364936.6/36$

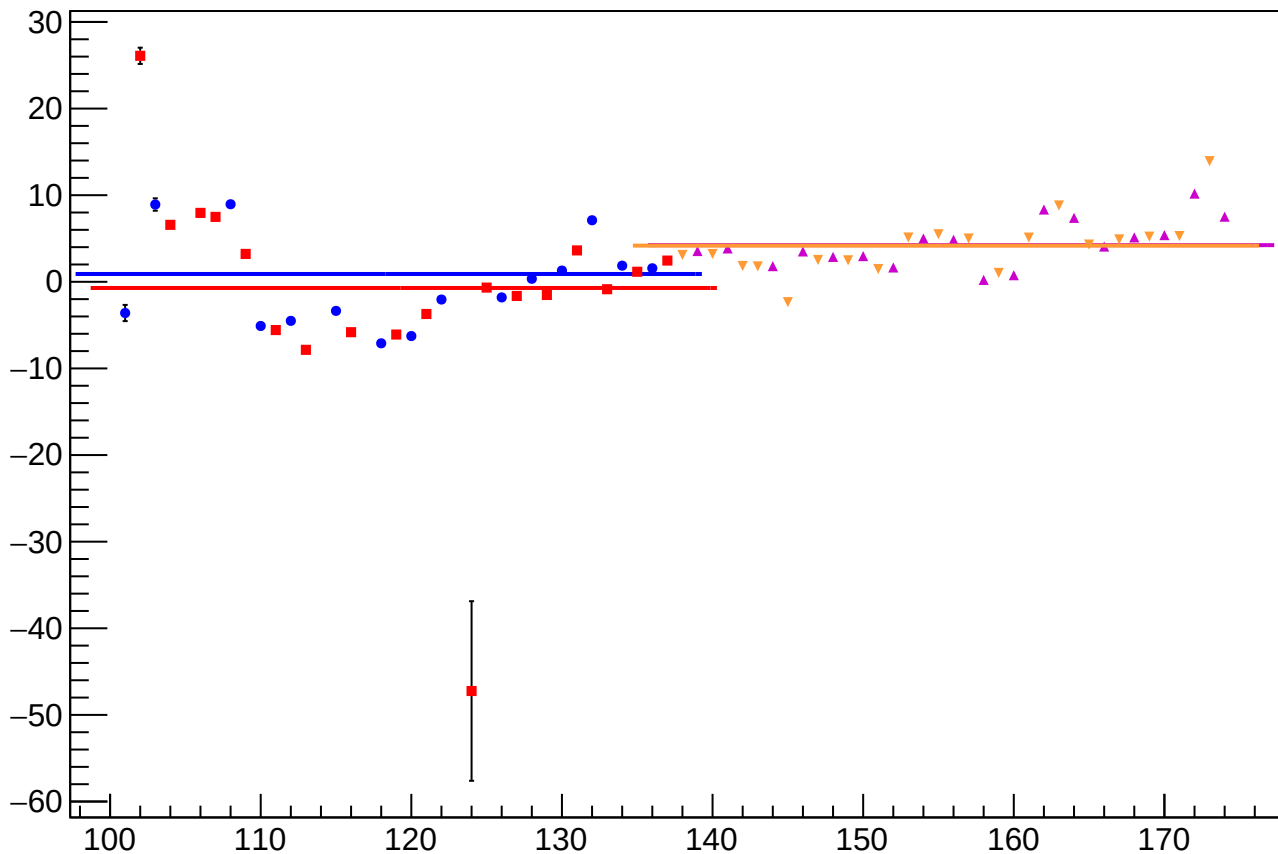
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.346 ± 0.004 $\chi^2/\text{NDF}: 216663.2/32$

Out: -37.768 ± 0.004 $\chi^2/\text{NDF}: 287332.7/36$

All: -38.037 ± 0.003 $\chi^2/\text{NDF}: 512875.8/69$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 4.180 ± 0.006 $\chi^2/\text{NDF}: 97850.9/18$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 4.234 ± 0.007 $\chi^2/\text{NDF}: 90043.7/17$

Left: 4.203 ± 0.005 $\chi^2/\text{NDF}: 187924.1/36$

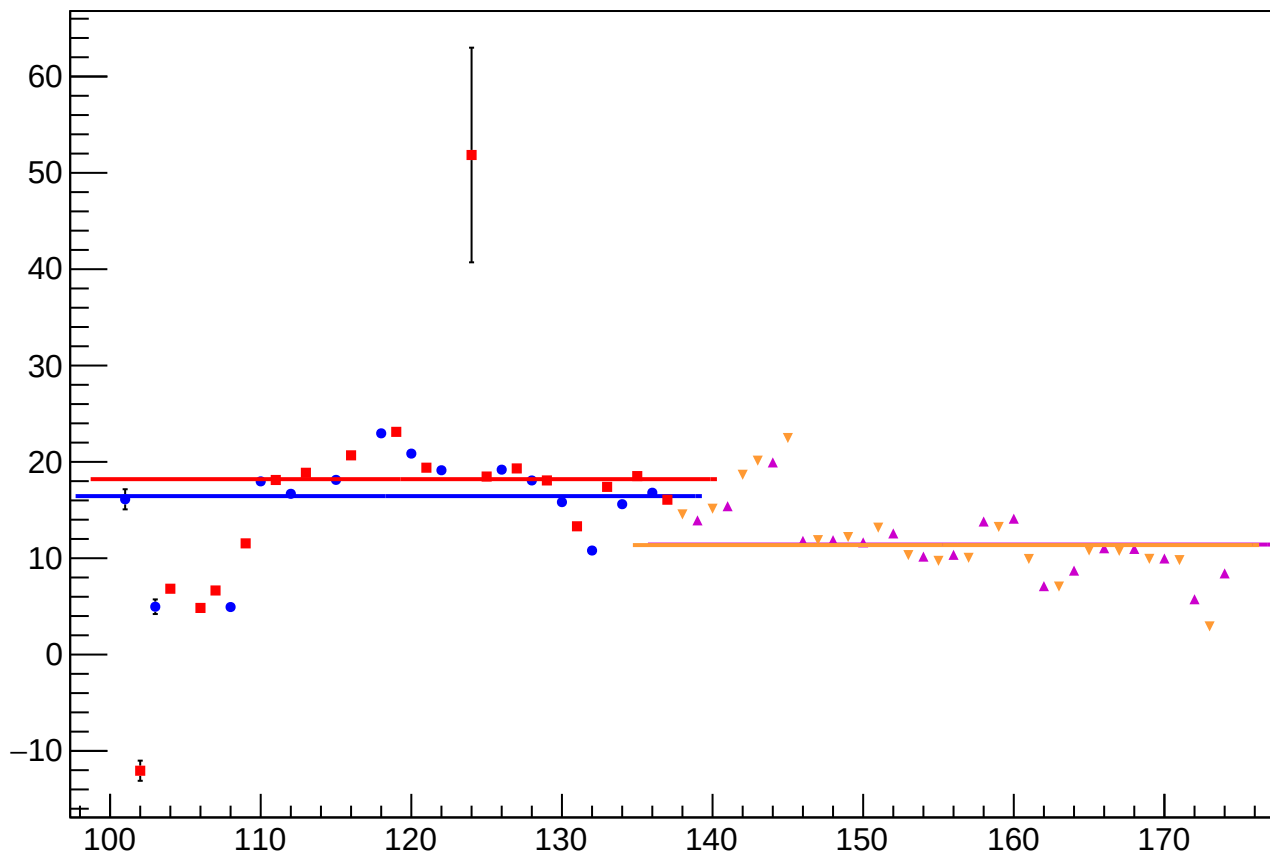
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 3.832 ± 0.007 $\chi^2/\text{NDF}: 135467.1/32$

Out: 3.858 ± 0.006 $\chi^2/\text{NDF}: 166420.3/36$

All: 3.847 ± 0.005 $\chi^2/\text{NDF}: 301894.9/69$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 11.364 $\pm$ 0.008 χ^2 /NDF:105440.2/18

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 11.419 $\pm$ 0.009 χ^2 /NDF:63464.9/17

Left: 11.389 $\pm$ 0.006 χ^2 /NDF: 168924.7/36

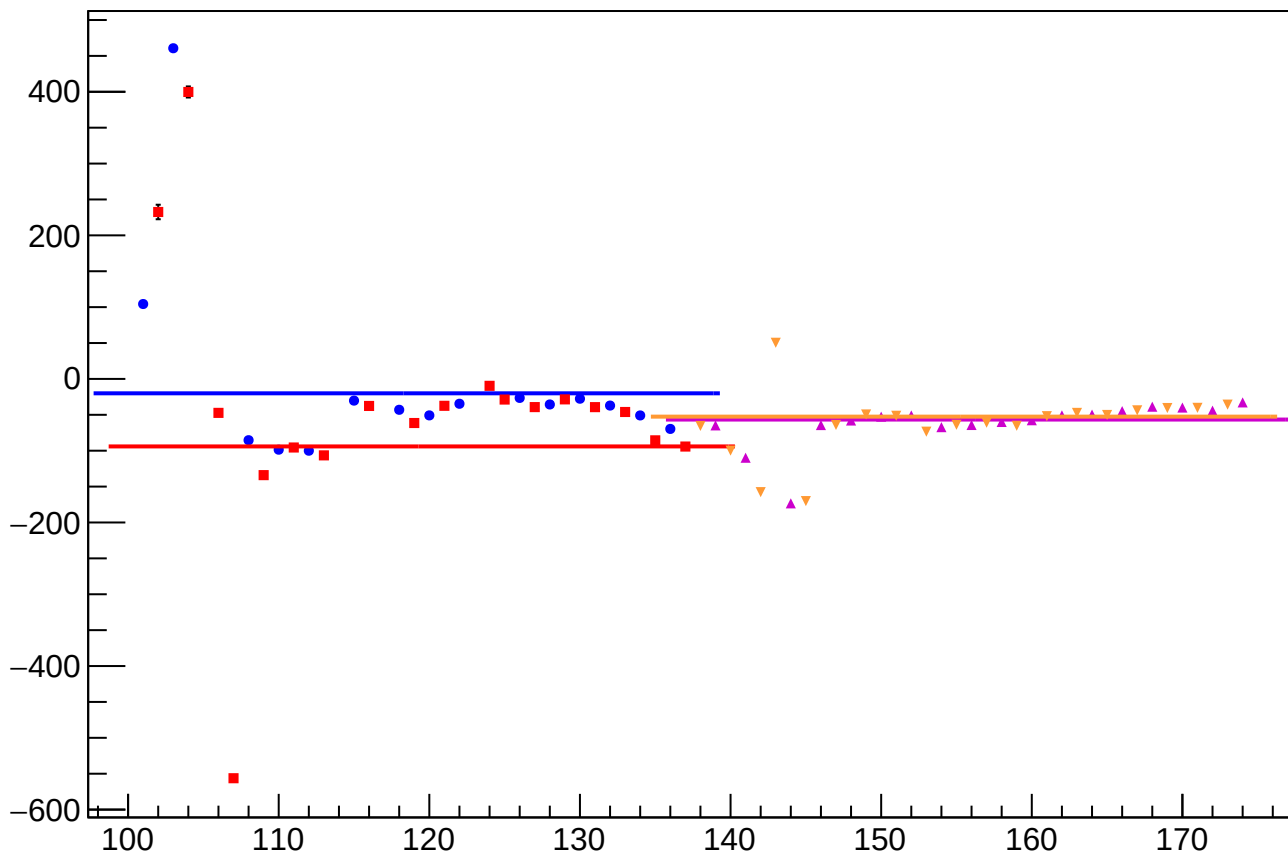
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 12.040 $\pm$ 0.009 χ^2 /NDF:114842.7/32

Out: 12.353 $\pm$ 0.008 χ^2 /NDF:228881.1/36

All: 12.212 $\pm$ 0.006 χ^2 /NDF: 344456.6/69

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -52.548 ± 0.097 $\chi^2/\text{NDF}: 54562.0/18$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -56.619 ± 0.110 $\chi^2/\text{NDF}: 54564.7/17$

Left: -54.319 ± 0.073 $\chi^2/\text{NDF}: 109900.3/36$

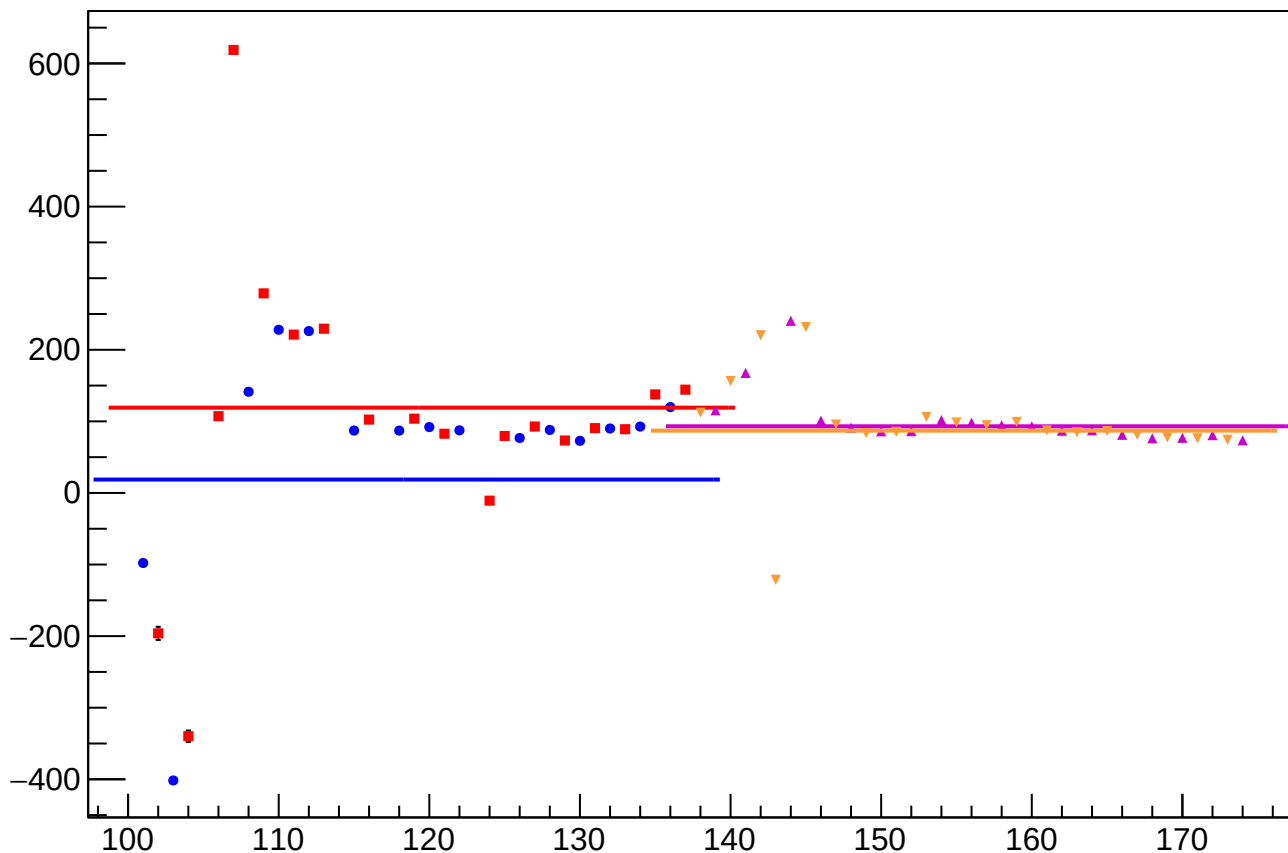
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -44.173 ± 0.089 $\chi^2/\text{NDF}: 533615.3/32$

Out: -93.373 ± 0.012 $\chi^2/\text{NDF}: 323841.4/36$

All: -92.453 ± 0.012 $\chi^2/\text{NDF}: 1154959.7/69$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 87.049+/-0.086 χ^2/NDF :172714.0/18

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 93.123+/-0.096 χ^2/NDF :75273.8/17

Left: 89.730+/-0.064 χ^2/NDF : 250213.3/36

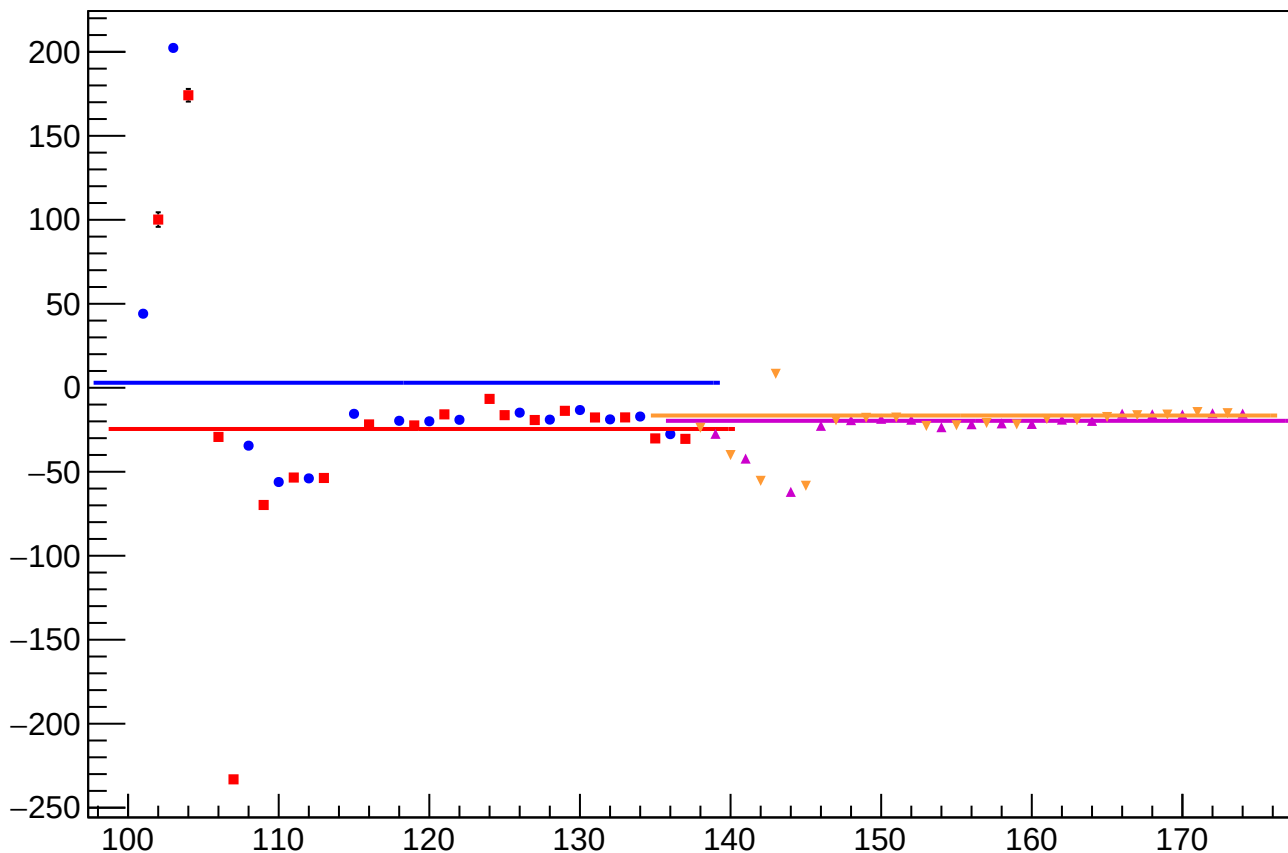
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 71.855+/-0.081 χ^2/NDF :1347955.2/32

Out: 92.048+/-0.079 χ^2/NDF :282103.8/36

All: 82.293+/-0.057 χ^2/NDF : 1661937.5/69

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.512 ± 0.013 $\chi^2/\text{NDF}: 573691.4/18$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -19.674 ± 0.014 $\chi^2/\text{NDF}: 163618.2/17$

Left: -17.924 ± 0.009 $\chi^2/\text{NDF}: 765363.3/36$

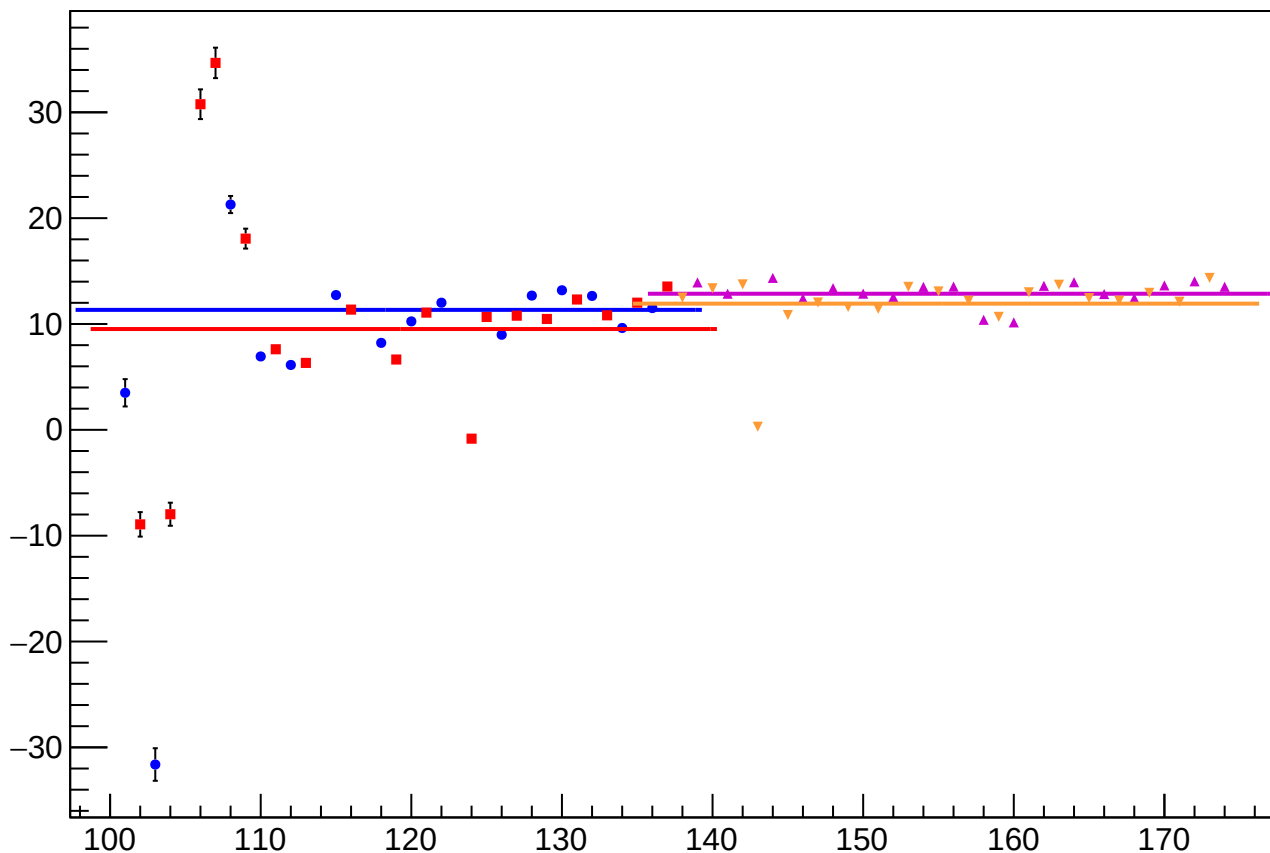
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.815 ± 0.012 $\chi^2/\text{NDF}: 4218662.4/32$

Out: -17.131 ± 0.012 $\chi^2/\text{NDF}: 781374.1/36$

All: -16.004 ± 0.009 $\chi^2/\text{NDF}: 5017806.1/69$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.923 $\pm$ 0.016 χ^2 /NDF:31250.6/18

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.858 $\pm$ 0.013 χ^2 /NDF:5753.7/17

Left: 12.462 $\pm$ 0.010 χ^2 /NDF: 39087.4/36

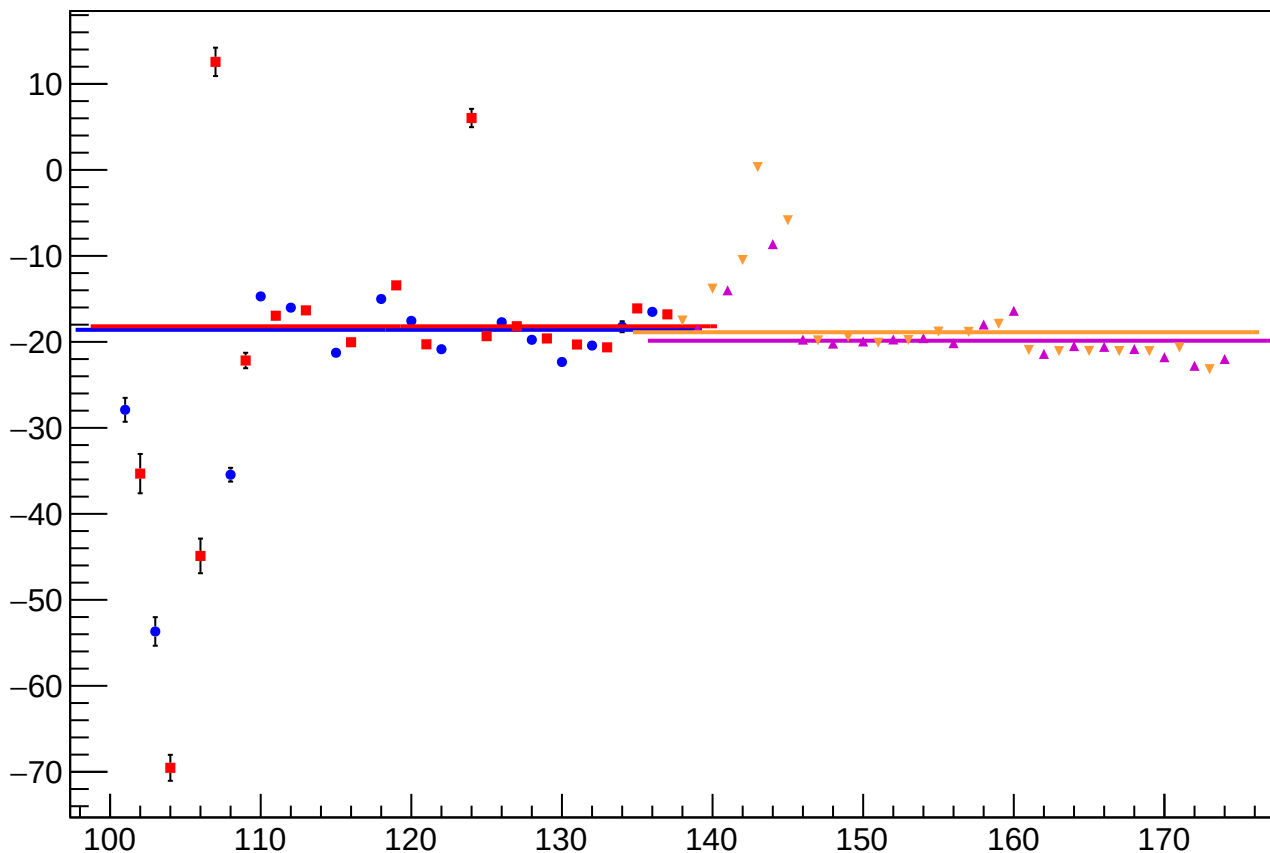
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.686 $\pm$ 0.013 χ^2 /NDF:9635.0/32

Out: 11.695 $\pm$ 0.015 χ^2 /NDF:37576.2/36

All: 12.271 $\pm$ 0.010 χ^2 /NDF: 49818.2/69

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -18.876 ± 0.018 $\chi^2/\text{NDF}: 56589.2/18$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.864 ± 0.017 $\chi^2/\text{NDF}: 13988.7/17$

Left: -19.402 ± 0.012 $\chi^2/\text{NDF}: 72241.2/36$

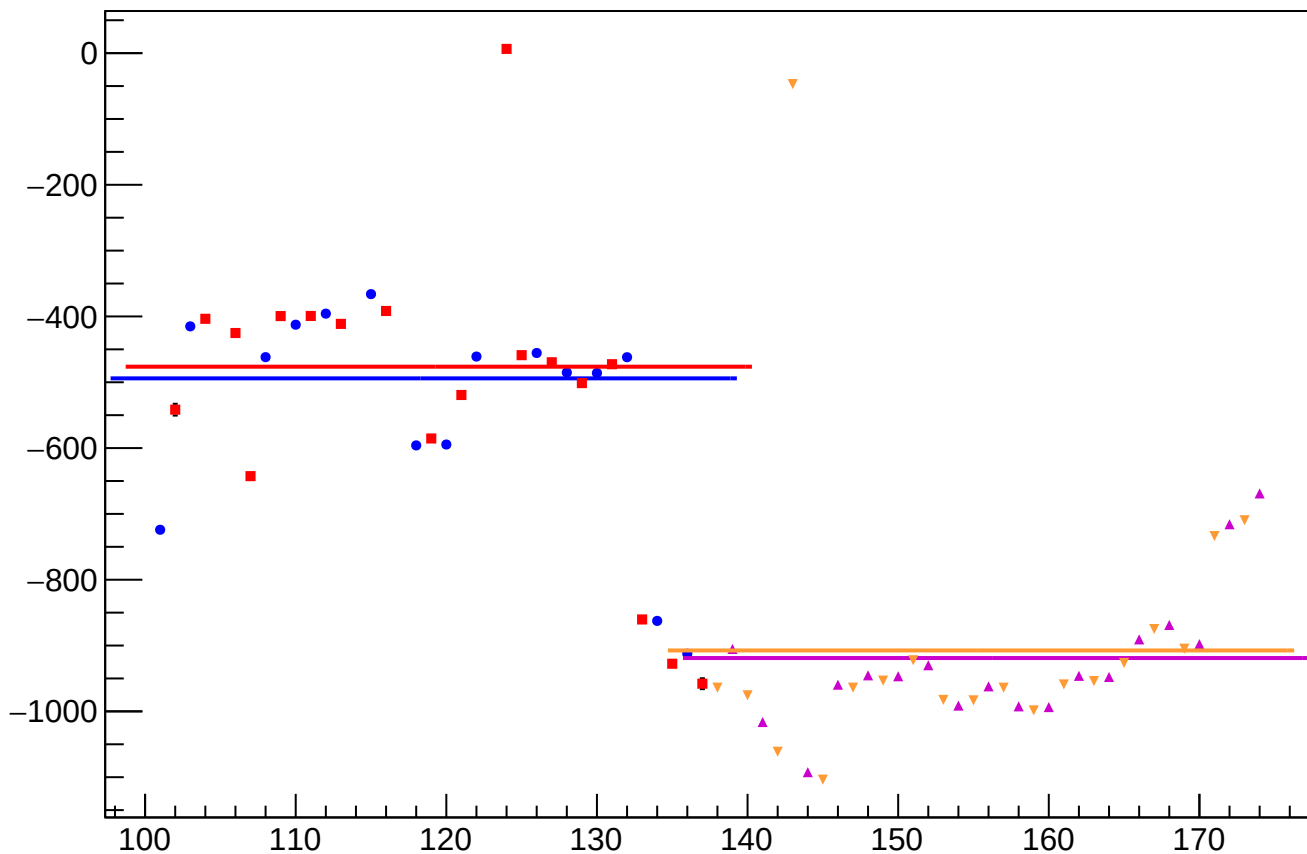
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.654 ± 0.015 $\chi^2/\text{NDF}: 21148.3/32$

Out: -18.798 ± 0.017 $\chi^2/\text{NDF}: 61641.3/36$

All: -19.267 ± 0.011 $\chi^2/\text{NDF}: 84236.9/69$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -907.451 ± 0.166 $\chi^2/\text{NDF}: 571067.7/18$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -918.974 ± 0.165 $\chi^2/\text{NDF}: 386961.4/17$

Left: -913.259 ± 0.117 $\chi^2/\text{NDF}: 960450.1/36$

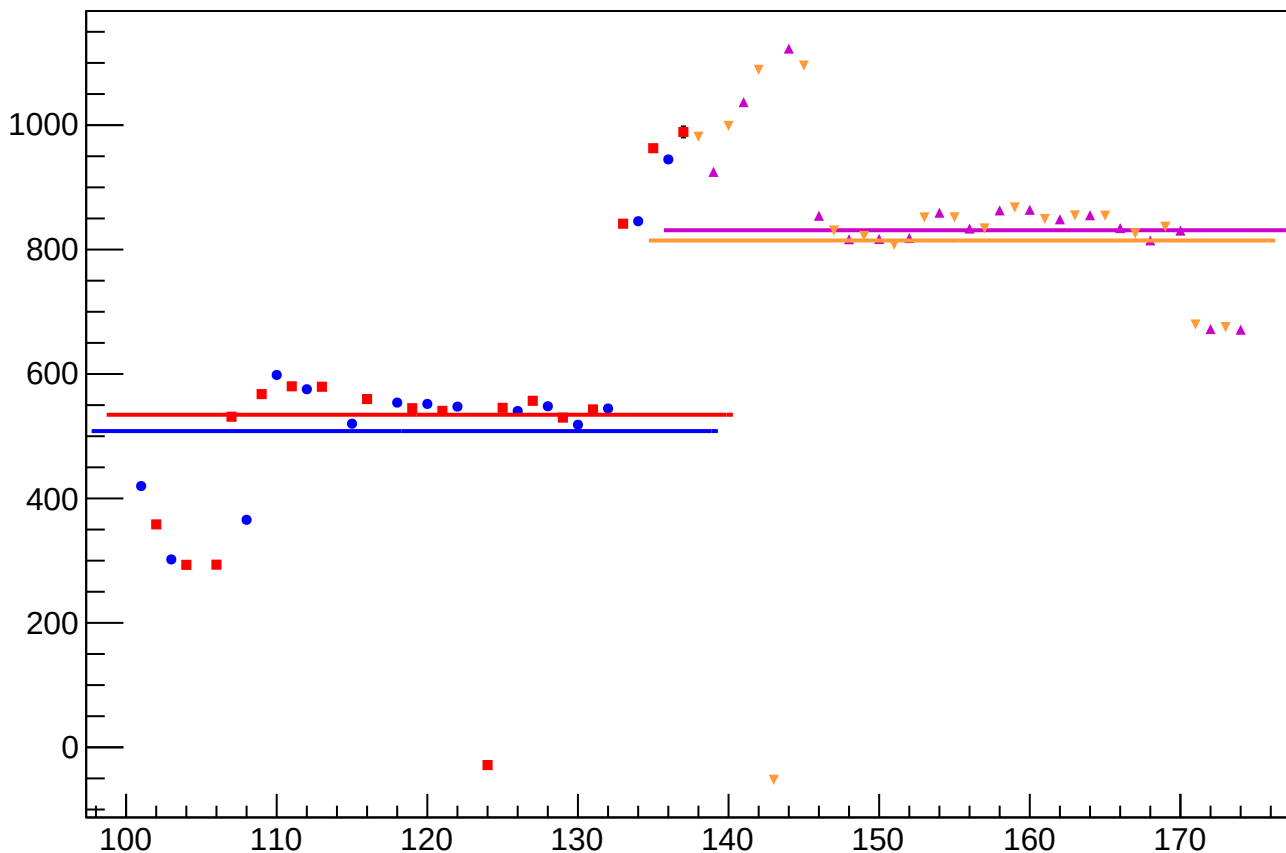
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -776.407 ± 0.134 $\chi^2/\text{NDF}: 2939787.7/32$

Out: -714.969 ± 0.124 $\chi^2/\text{NDF}: 4166733.2/36$

All: -743.136 ± 0.091 $\chi^2/\text{NDF}: 7219608.4/69$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267+/-0.222 χ^2/NDF : 439489.9/14

Left Out: 814.607+/-0.135 χ^2/NDF : 592373.4/18

Right Out: 534.536+/-0.217 χ^2/NDF : 368263.1/17

Left In: 831.063+/-0.137 χ^2/NDF : 282203.3/17

Left: 822.757+/-0.096 χ^2/NDF : 881888.9/36

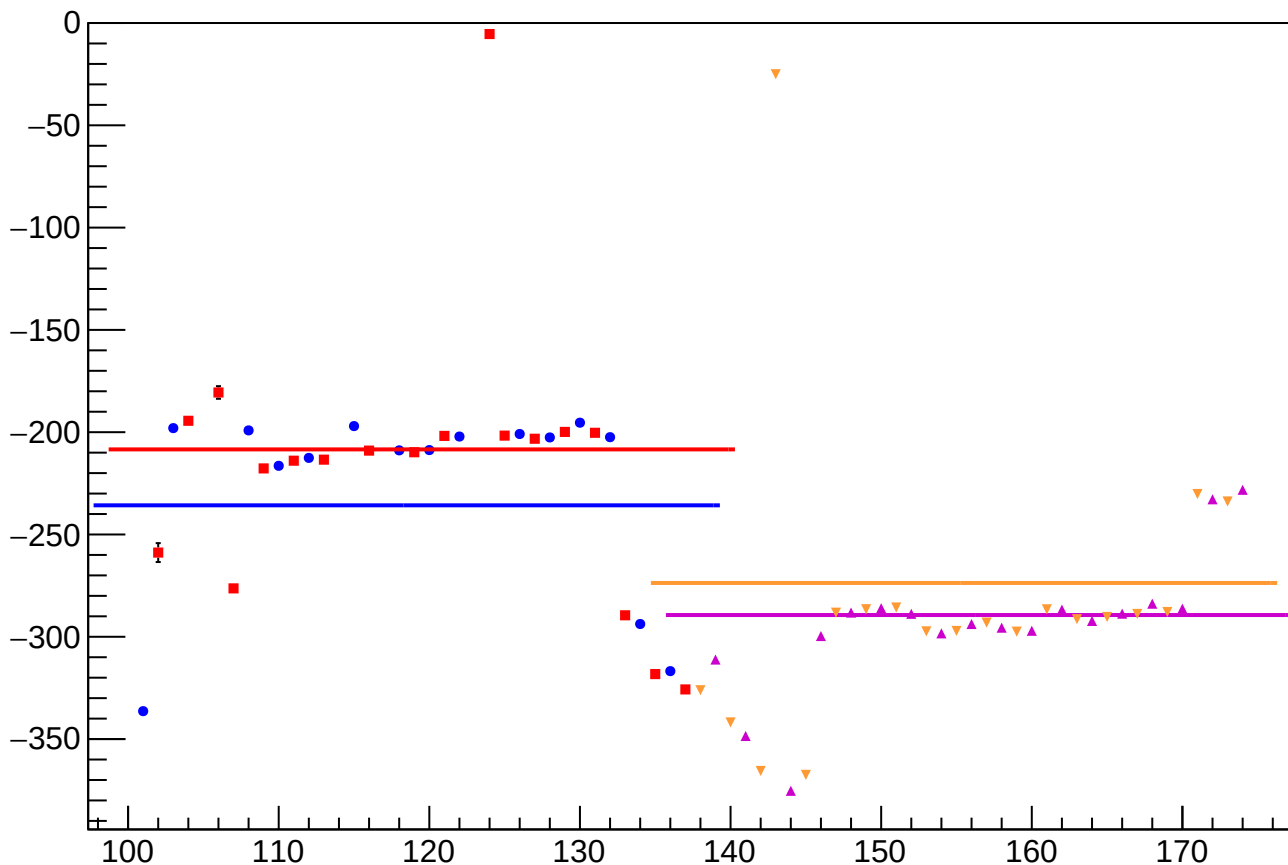
Right: 521.671+/-0.155 χ^2/NDF : 814918.8/32

In: 742.111+/-0.116 χ^2/NDF : 2257868.8/32

Out: 736.184+/-0.115 χ^2/NDF : 2158054.3/36

All: 739.110+/-0.082 χ^2/NDF : 4417236.7/69

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -273.699+/-0.024 χ^2/NDF : 6617484.1/18

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -289.373+/-0.024 χ^2/NDF : 827769.6/17

Left: -281.457+/-0.017 χ^2/NDF : 7655819.3/36

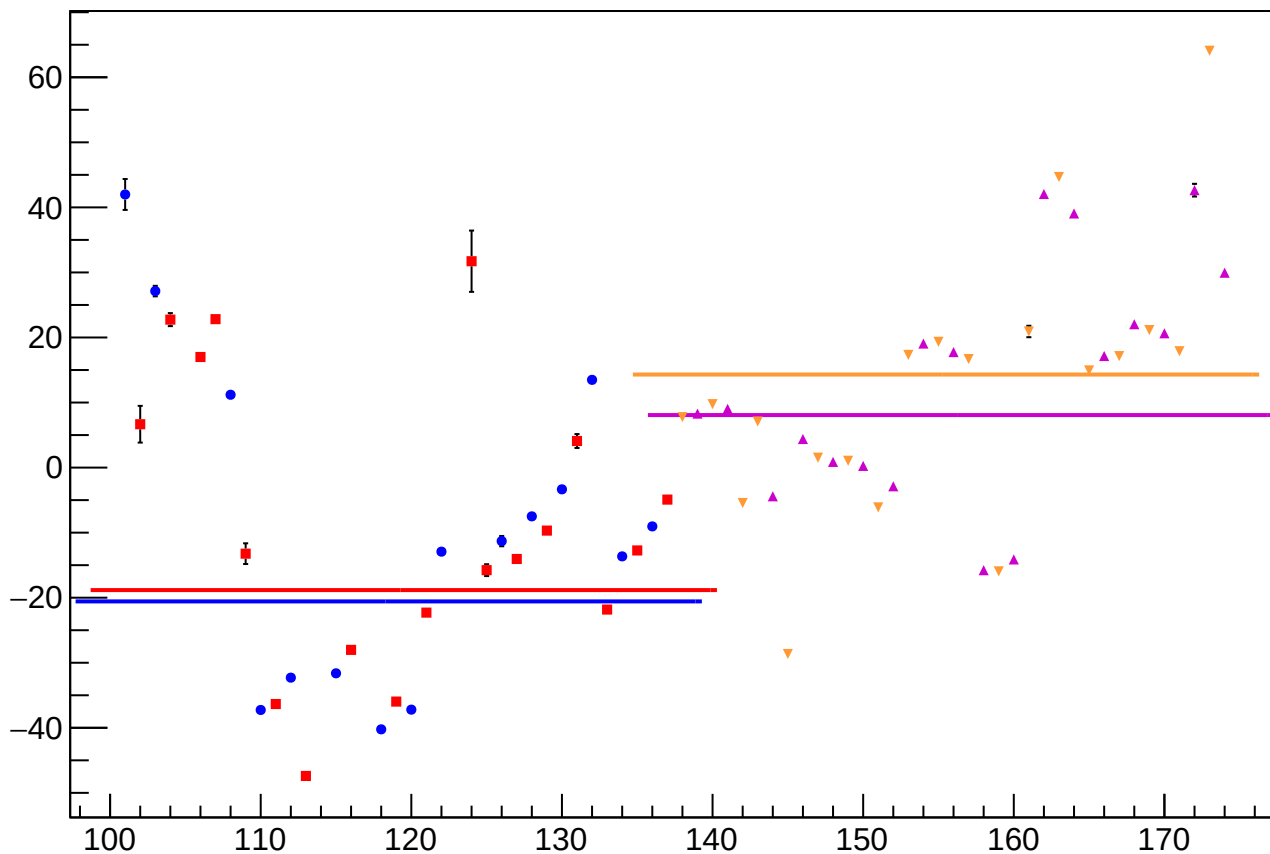
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -280.690+/-0.022 χ^2/NDF : 2494230.3/32

Out: -260.051+/-0.021 χ^2/NDF : 8535329.2/36

All: -269.968+/-0.015 χ^2/NDF : 11477654.0/6

dit_atl2_4aY_slope vs Slug, Sign Corrected



Left: 10.593 ± 0.015 χ^2/NDF : 1481528.6/36

Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 6.147 ± 0.019 χ^2/NDF : 1186223.7/32

Out: 12.834 ± 0.023 χ^2/NDF : 577181.2/36

All: 8.811 ± 0.014 χ^2/NDF : 1815408.0/69

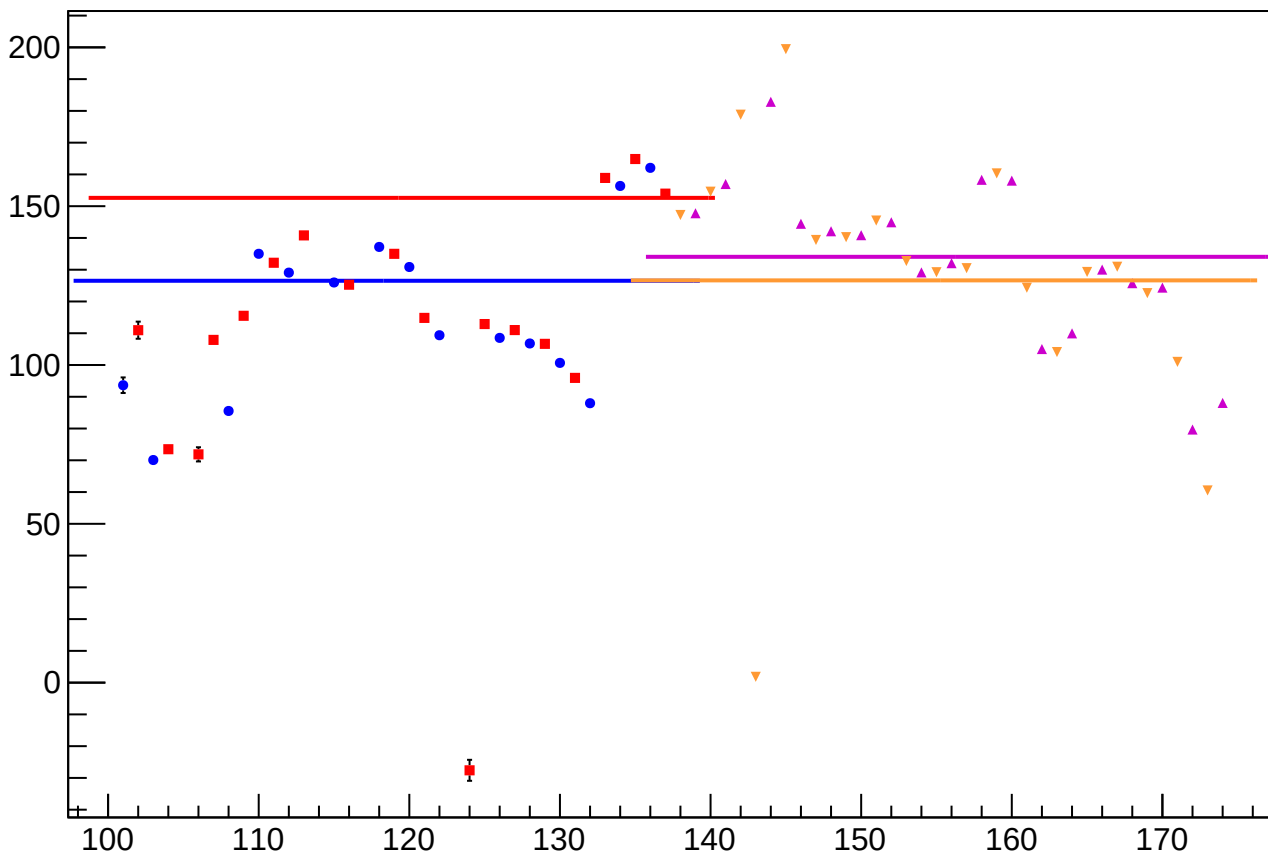
Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 14.304 ± 0.023 χ^2/NDF : 466383.0/18

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 8.075 ± 0.019 χ^2/NDF : 972449.4/17

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 126.641 $\pm$ 0.030 χ^2 /NDF: 644264.7/18

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 134.061 $\pm$ 0.027 χ^2 /NDF: 496443.0/17

Left: 130.680 $\pm$ 0.020 χ^2 /NDF: 1174276.4/36

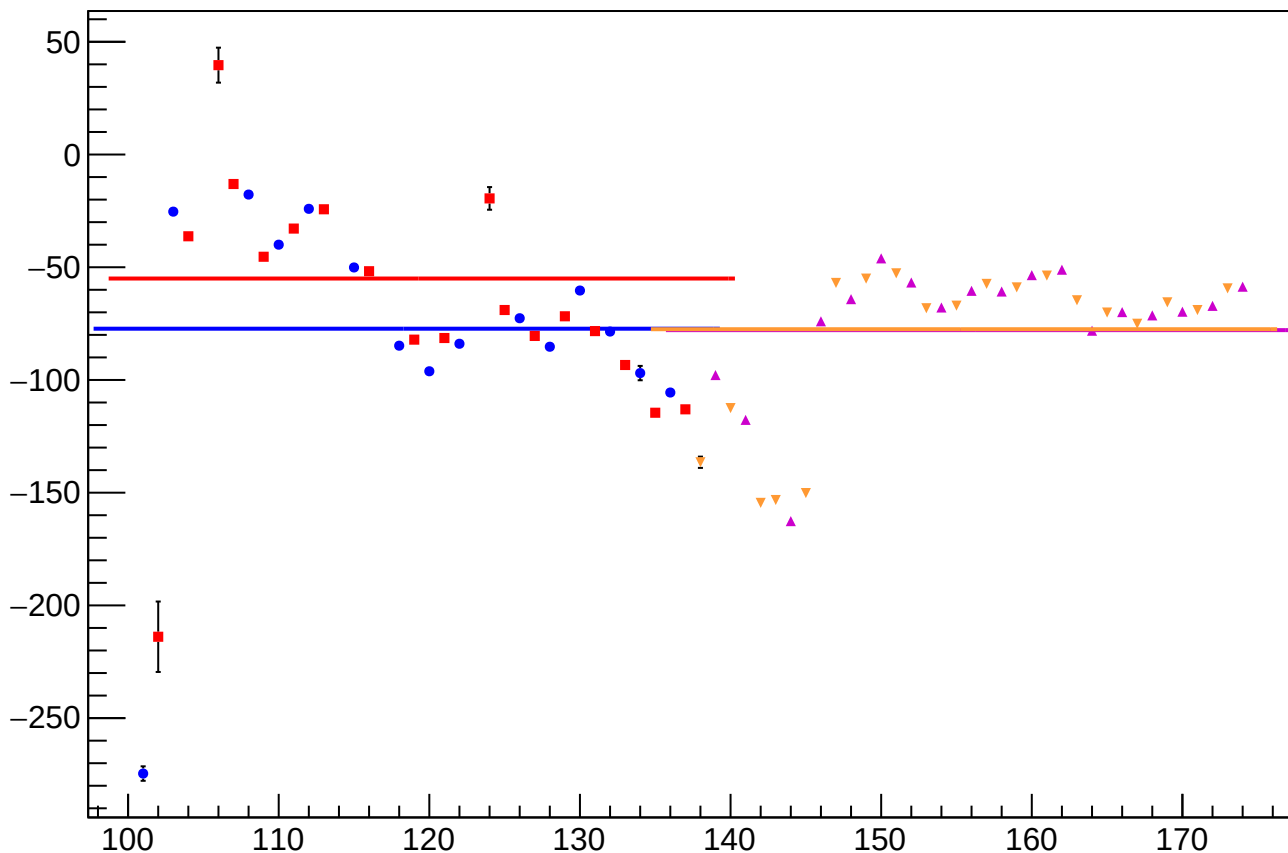
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 133.339 $\pm$ 0.026 χ^2 /NDF: 618703.3/32

Out: 139.426 $\pm$ 0.021 χ^2 /NDF: 1090354.4/36

All: 136.982 $\pm$ 0.016 χ^2 /NDF: 1741881.7/69

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -77.490 ± 0.126 χ^2/NDF : 60050.0/18

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -77.896 ± 0.124 χ^2/NDF : 62347.8/17

Left: -77.697 ± 0.088 χ^2/NDF : 122403.1/36

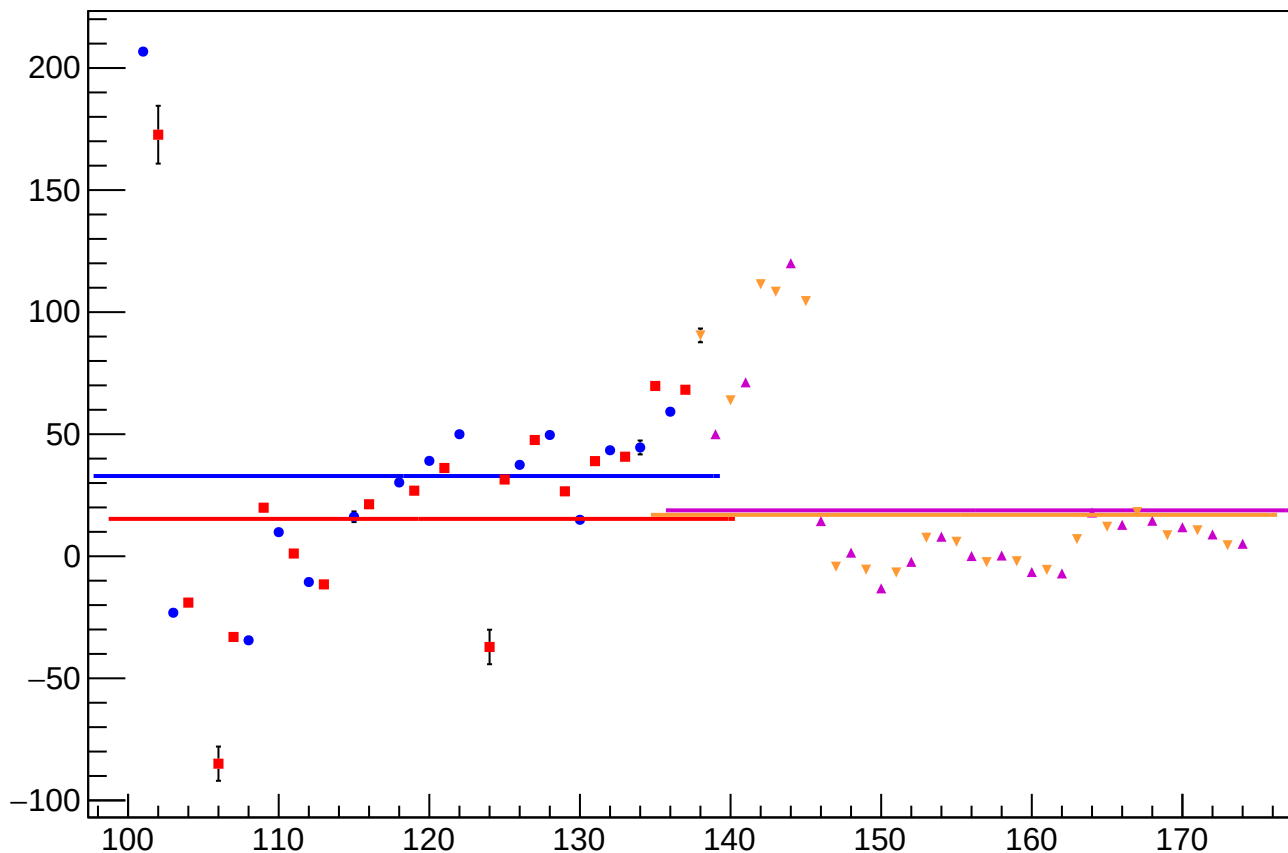
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -77.631 ± 0.095 χ^2/NDF : 92714.8/32

Out: -70.598 ± 0.105 χ^2/NDF : 93364.5/36

All: -74.493 ± 0.070 χ^2/NDF : 188547.7/69

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869+/-0.146 χ^2/NDF : 31393.7/14

Left Out: 16.960+/-0.110 χ^2/NDF : 90889.5/18

Right Out: 15.309+/-0.210 χ^2/NDF : 16746.0/17

Left In: 18.808+/-0.109 χ^2/NDF : 89805.2/17

Left: 17.893+/-0.078 χ^2/NDF : 180836.1/36

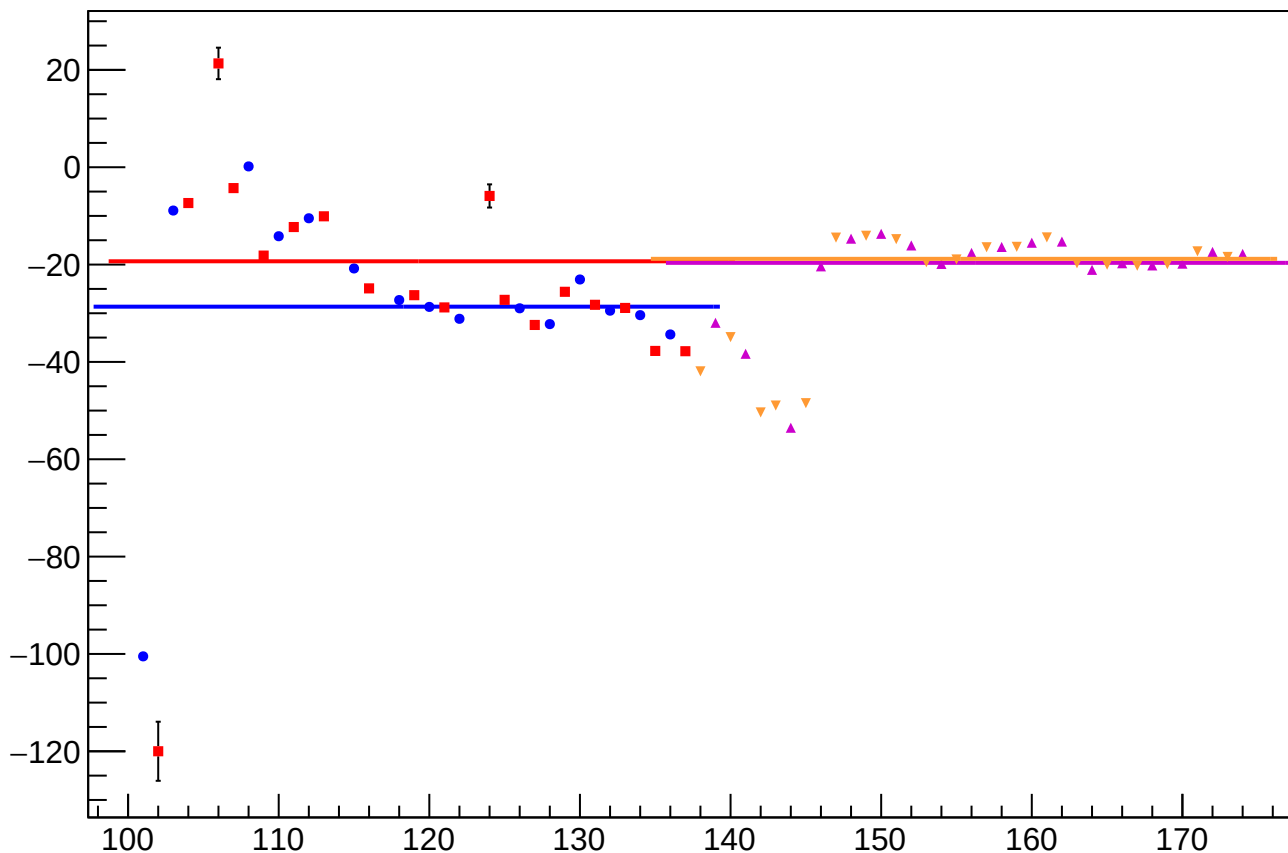
Right: 27.134+/-0.120 χ^2/NDF : 52862.9/32

In: 23.864+/-0.088 χ^2/NDF : 127137.1/32

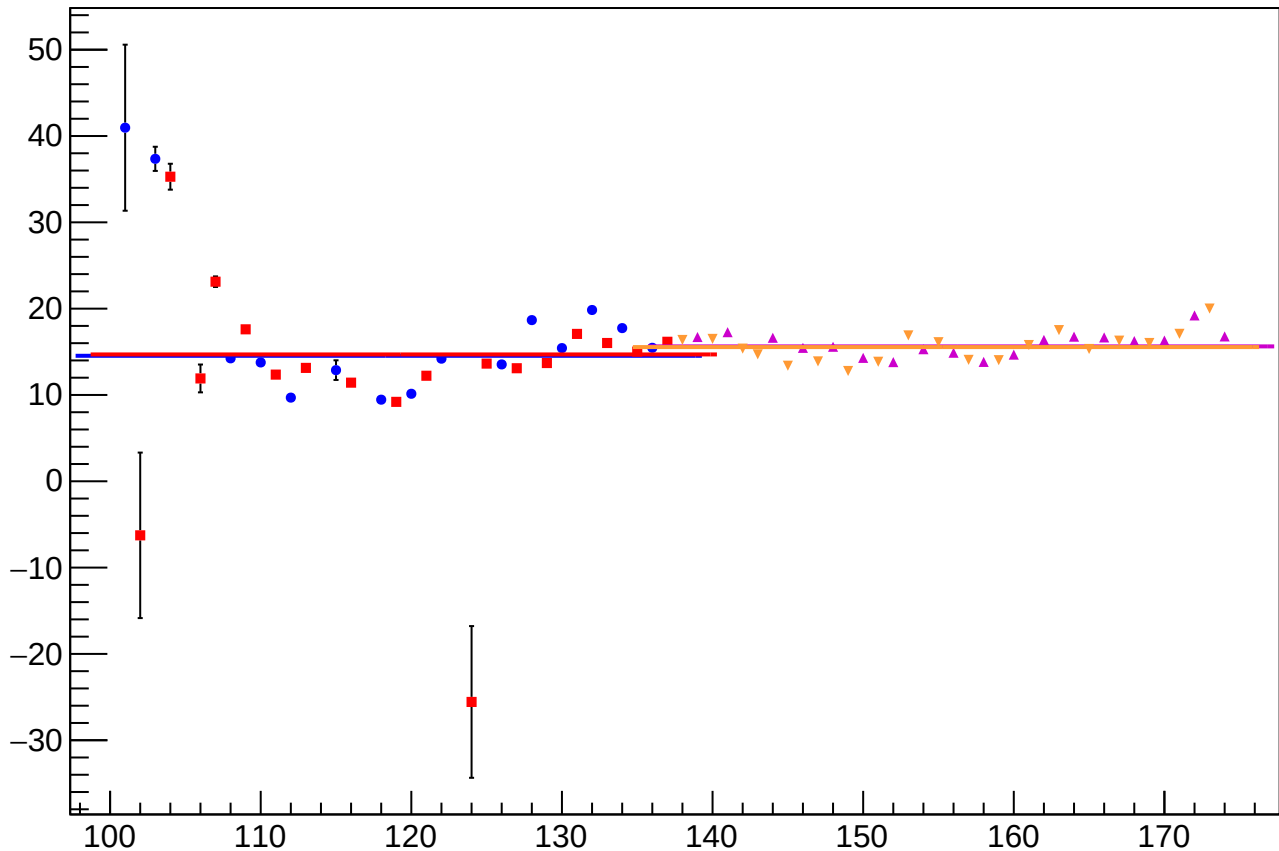
Out: 16.602+/-0.098 χ^2/NDF : 107684.0/36

All: 20.629+/-0.065 χ^2/NDF : 237885.4/69

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 15.546 $\pm$ 0.015 χ^2 /NDF:9172.1/18

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.627 $\pm$ 0.015 χ^2 /NDF:6991.6/17

Left: 15.588 $\pm$ 0.010 χ^2 /NDF: 16178.7/36

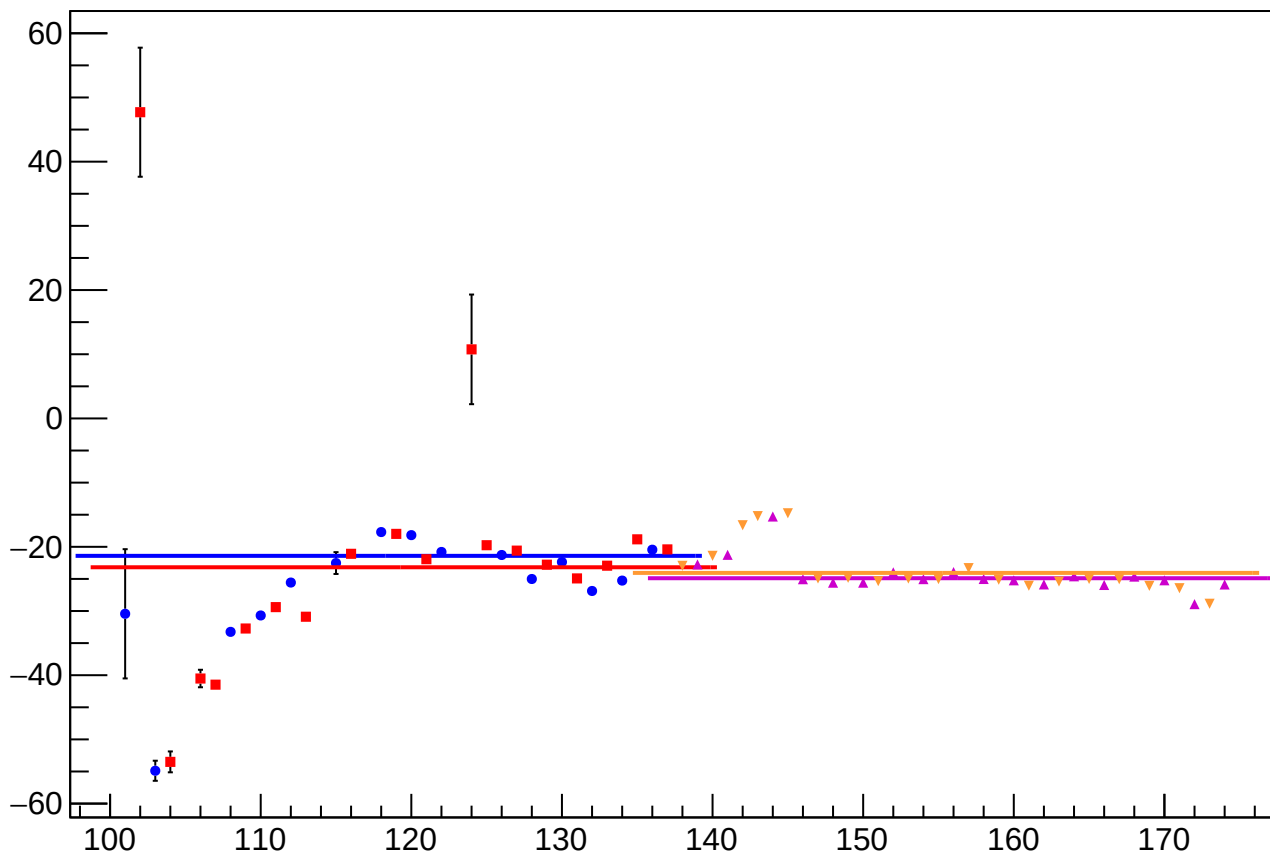
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 15.416 $\pm$ 0.013 χ^2 /NDF:20137.8/32

Out: 15.456 $\pm$ 0.014 χ^2 /NDF:11147.4/36

All: 15.435 $\pm$ 0.010 χ^2 /NDF: 31289.5/69

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.063 ± 0.018 $\chi^2/\text{NDF}: 37817.2/18$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.893 ± 0.018 $\chi^2/\text{NDF}: 11909.1/17$

Left: -24.481 ± 0.012 $\chi^2/\text{NDF}: 50835.5/36$

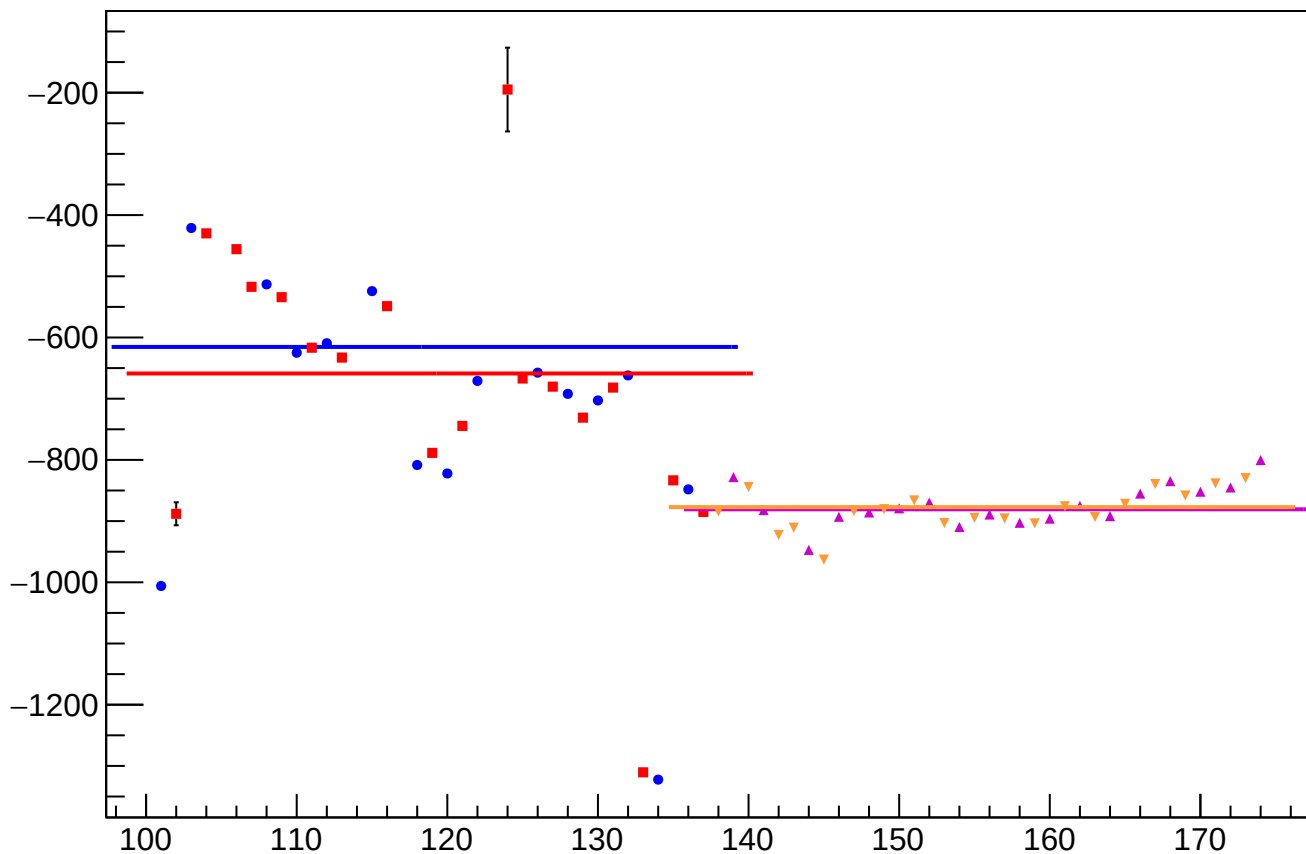
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.210 ± 0.016 $\chi^2/\text{NDF}: 29323.2/32$

Out: -23.969 ± 0.017 $\chi^2/\text{NDF}: 47206.7/36$

All: -24.097 ± 0.011 $\chi^2/\text{NDF}: 76640.1/69$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -877.147+/-0.141 χ^2/NDF : 38794.7/18

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -880.730+/-0.137 χ^2/NDF : 42737.2/17

Left: -878.991+/-0.098 χ^2/NDF : 81862.9/36

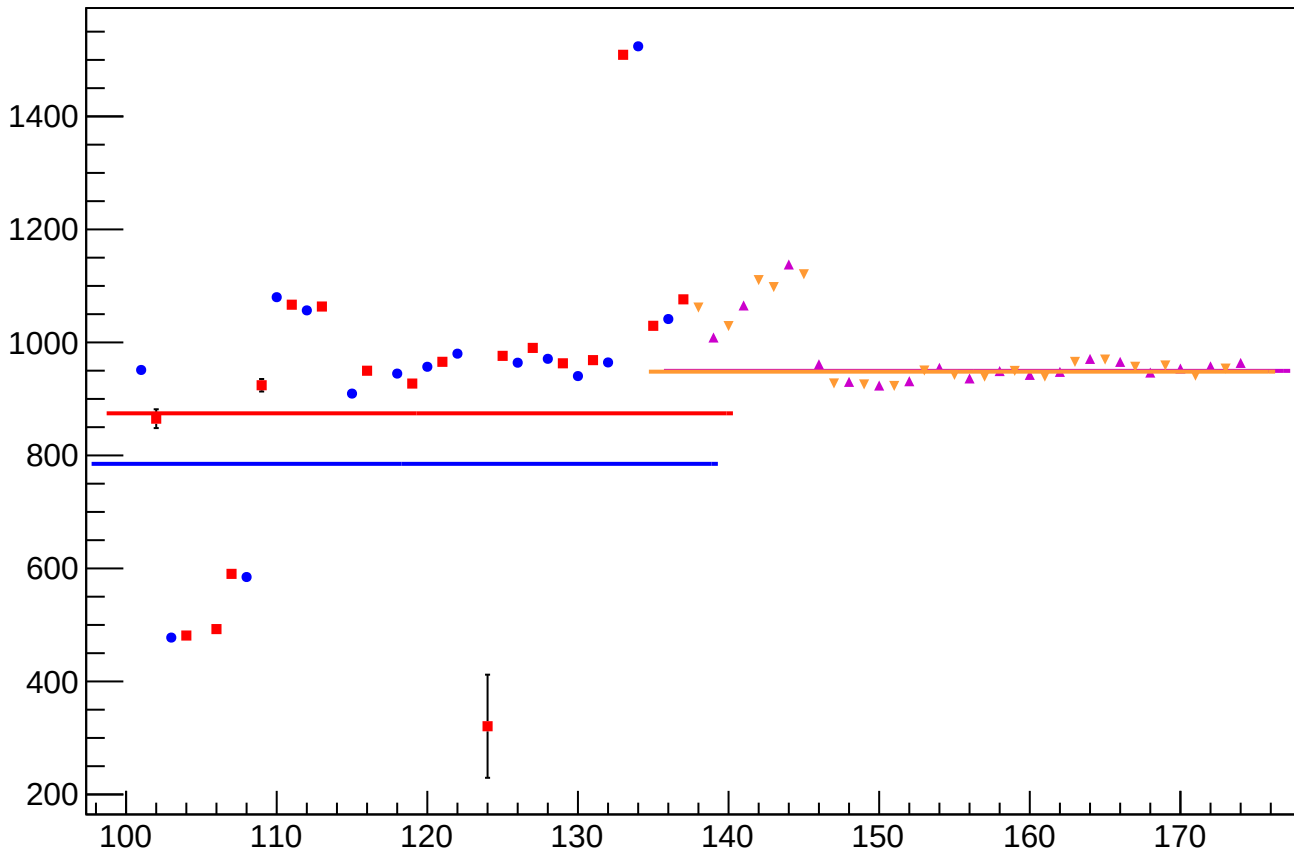
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -814.352+/-0.119 χ^2/NDF : 1360447.6/32

Out: -826.235+/-0.124 χ^2/NDF : 980689.3/36

All: -820.053+/-0.086 χ^2/NDF : 2345933.9/69

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 948.254 $\pm$ 0.116 χ^2 /NDF: 71844.3/18

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.654 $\pm$ 0.113 χ^2 /NDF: 76130.6/17

Left: 948.972 $\pm$ 0.081 χ^2 /NDF: 148049.7/36

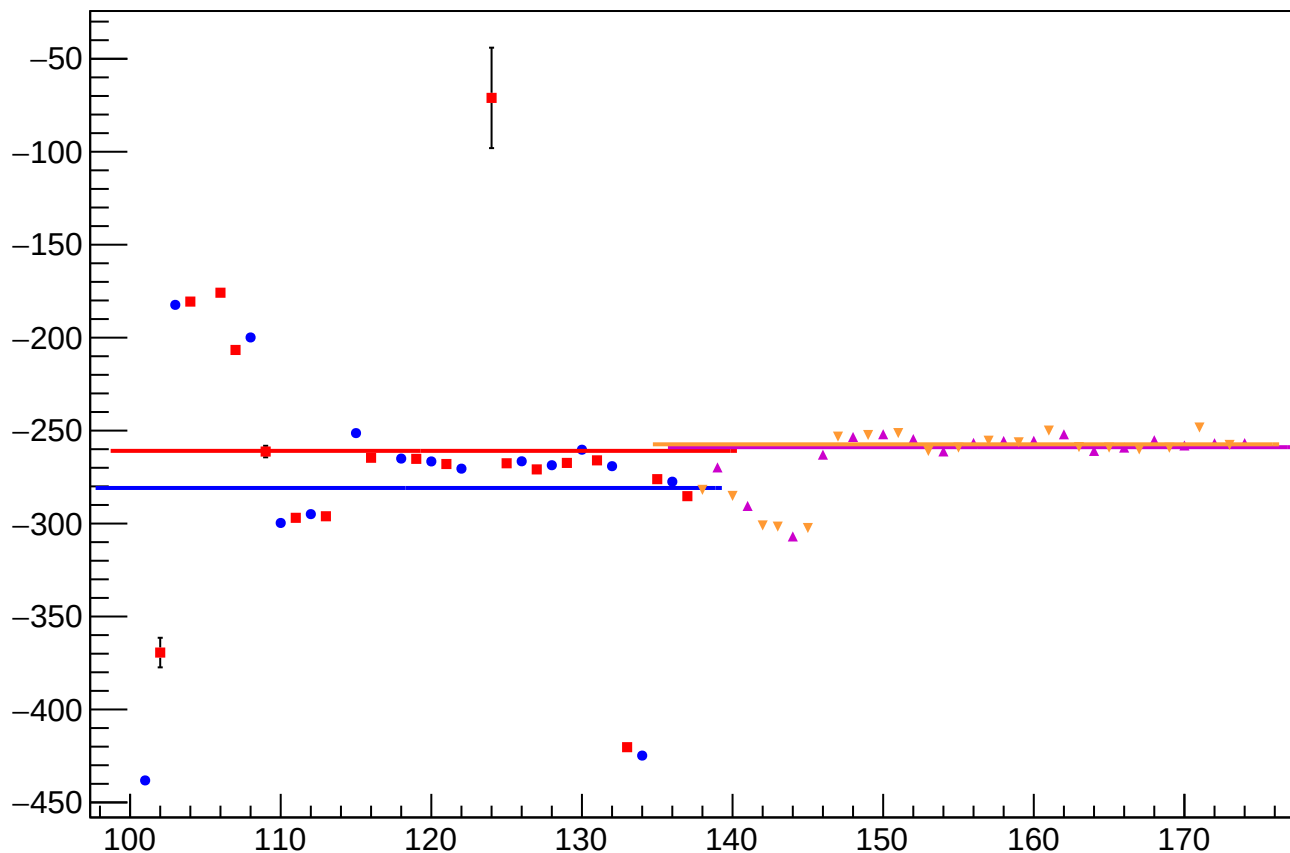
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 917.213 $\pm$ 0.101 χ^2 /NDF: 1380363.9/32

Out: 936.133 $\pm$ 0.106 χ^2 /NDF: 980974.7/36

All: 926.246 $\pm$ 0.073 χ^2 /NDF: 2378010.2/69

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -257.373 ± 0.021 $\chi^2/\text{NDF}: 174867.8/18$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -258.919 ± 0.020 $\chi^2/\text{NDF}: 189125.3/17$

Left: -258.166 ± 0.014 $\chi^2/\text{NDF}: 366850.7/36$

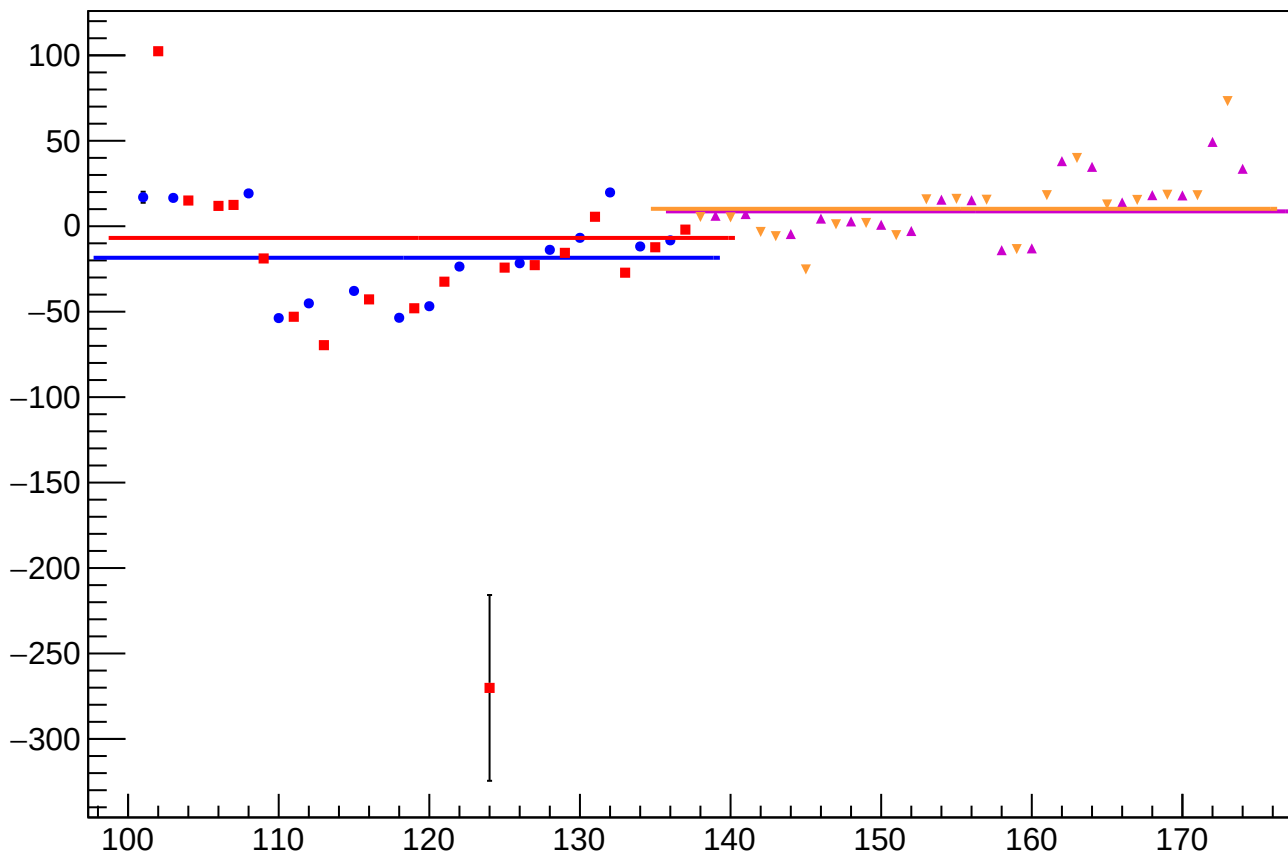
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -261.248 ± 0.019 $\chi^2/\text{NDF}: 1188290.4/32$

Out: -257.676 ± 0.020 $\chi^2/\text{NDF}: 525072.1/36$

All: -259.529 ± 0.014 $\chi^2/\text{NDF}: 1730238.7/69$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 10.195 ± 0.021 $\chi^2/\text{NDF}: 416344.9/18$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 8.696 ± 0.020 $\chi^2/\text{NDF}: 558874.5/17$

Left: 9.408 ± 0.014 $\chi^2/\text{NDF}: 977899.1/36$

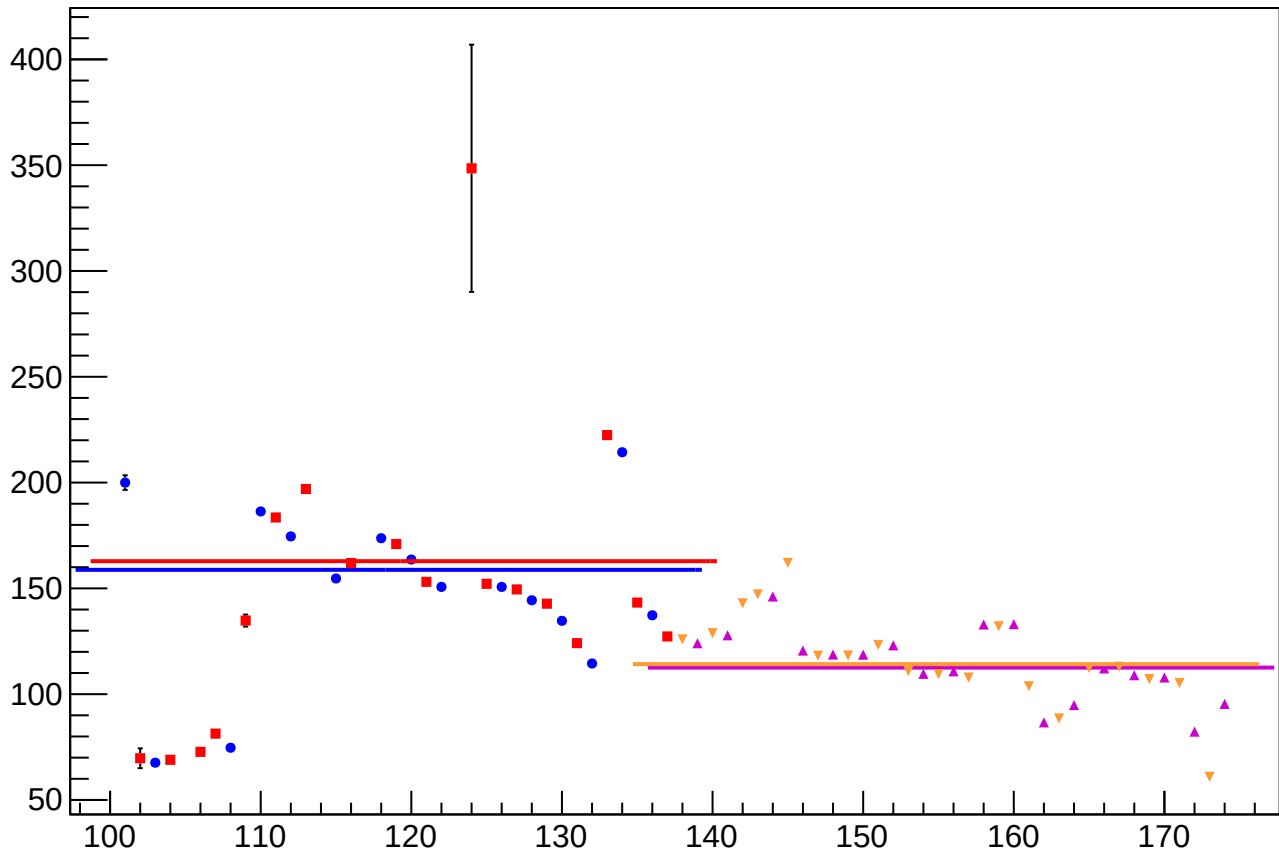
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 7.459 ± 0.019 $\chi^2/\text{NDF}: 689890.1/32$

Out: 8.569 ± 0.020 $\chi^2/\text{NDF}: 529342.2/36$

All: 8.001 ± 0.014 $\chi^2/\text{NDF}: 1220816.8/69$

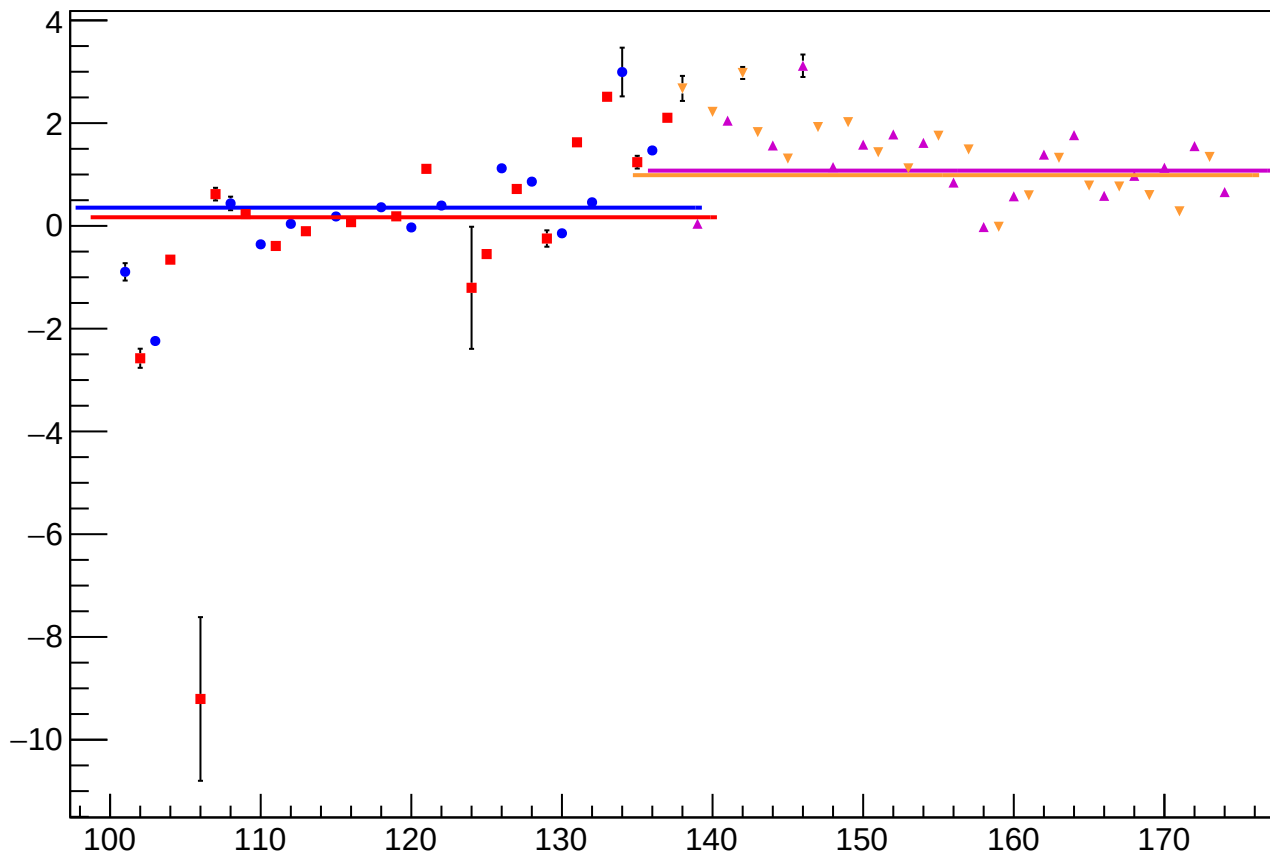
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 114.184 $\pm$ 0.025 χ^2/NDF : 236348.2/18
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 112.558 $\pm$ 0.021 χ^2/NDF : 385775.7/17

Left: 113.242 $\pm$ 0.016 χ^2/NDF : 624538.3/36
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 115.137 $\pm$ 0.021 χ^2/NDF : 803376.5/32
 Out: 117.490 $\pm$ 0.024 χ^2/NDF : 646360.7/36
 All: 116.135 $\pm$ 0.016 χ^2/NDF : 1455136.7/69

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 0.987 ± 0.008 χ^2/NDF : 5833.7/18

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.076 ± 0.007 χ^2/NDF : 6951.6/17

Left: 1.039 ± 0.005 χ^2/NDF : 12849.5/36

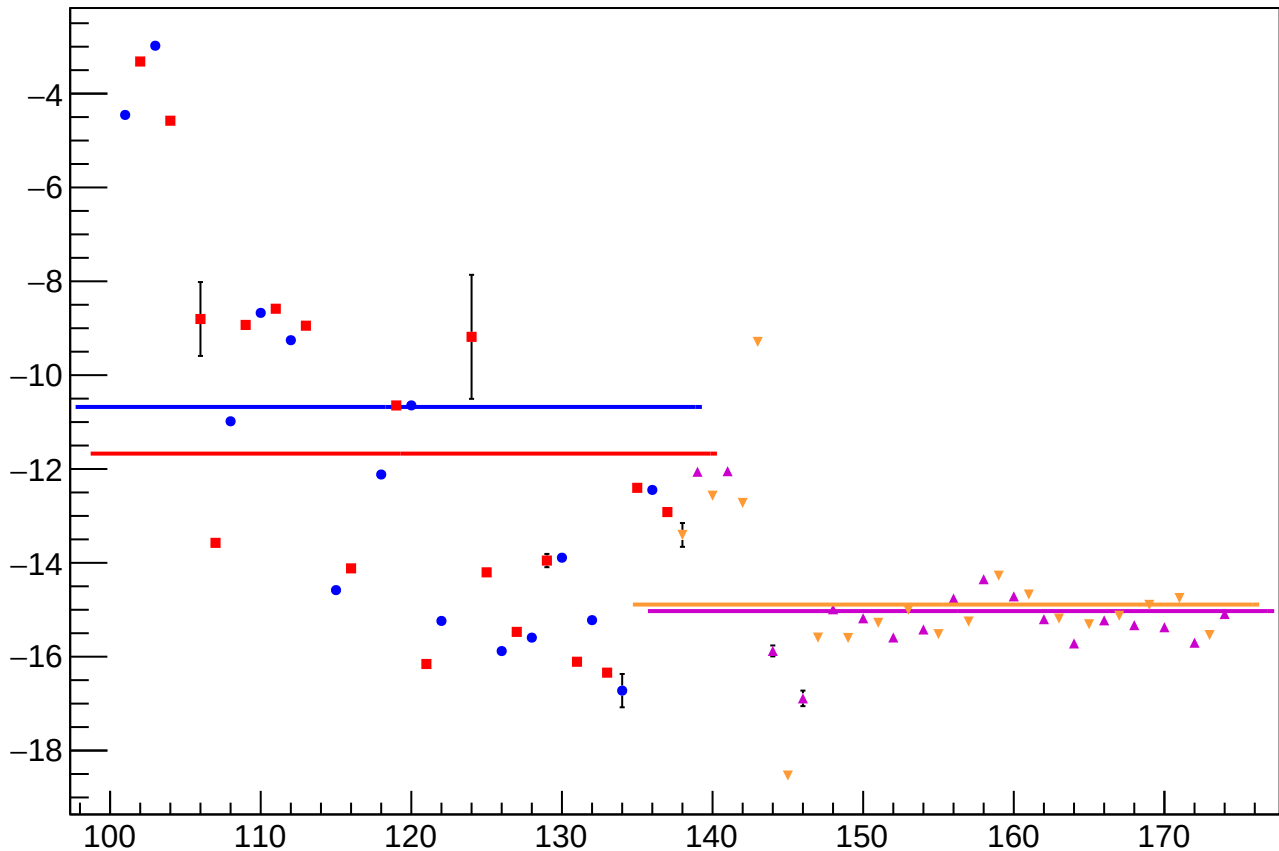
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.881 ± 0.006 χ^2/NDF : 13705.6/32

Out: 0.537 ± 0.006 χ^2/NDF : 15602.8/36

All: 0.696 ± 0.004 χ^2/NDF : 31012.8/69

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.889 ± 0.007 $\chi^2/\text{NDF}: 31710.2/18$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.028 ± 0.006 $\chi^2/\text{NDF}: 12906.7/17$

Left: -14.964 ± 0.005 $\chi^2/\text{NDF}: 44841.0/36$

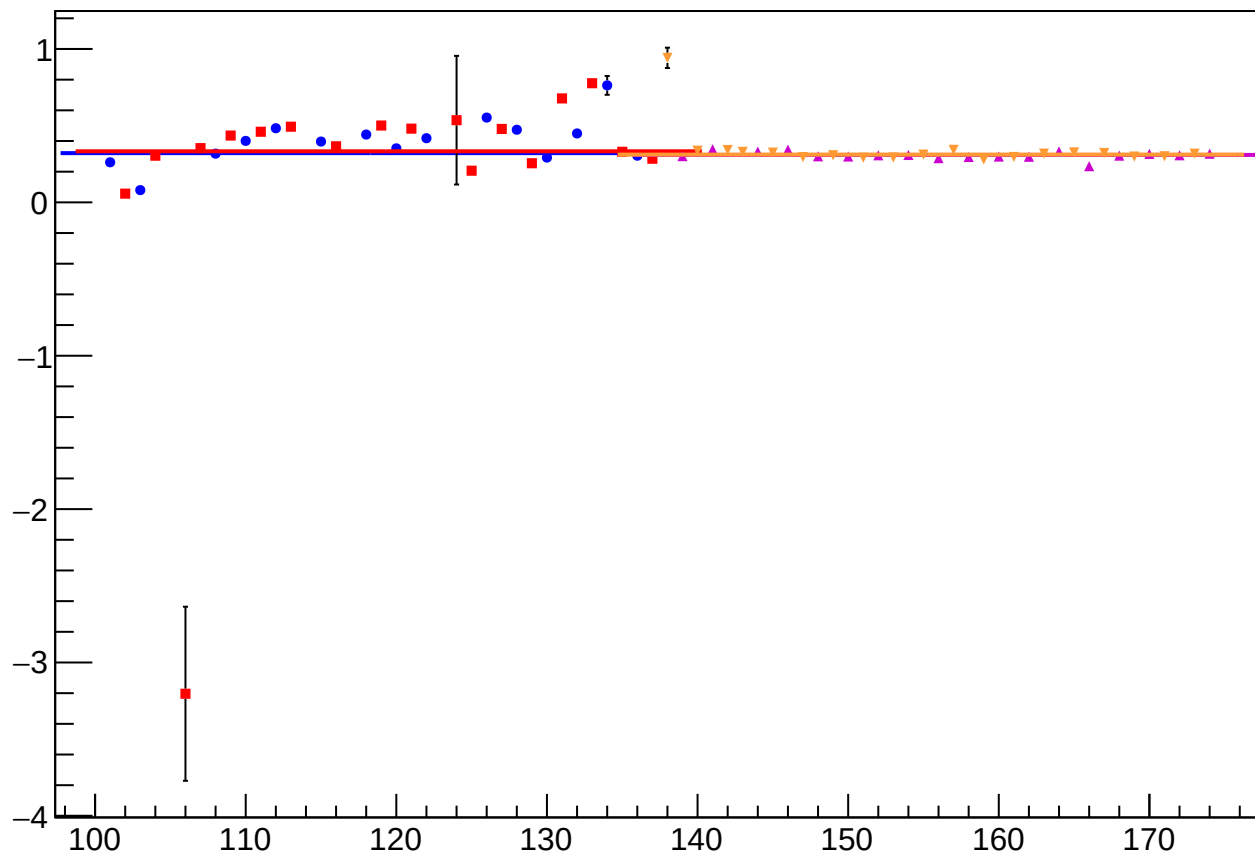
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.840 ± 0.005 $\chi^2/\text{NDF}: 369920.3/32$

Out: -14.063 ± 0.006 $\chi^2/\text{NDF}: 196303.8/36$

All: -13.941 ± 0.004 $\chi^2/\text{NDF}: 567002.1/69$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 4704.7/18

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2728.8/17

Left: 0.310+/-0.000 χ^2/NDF : 7472.0/36

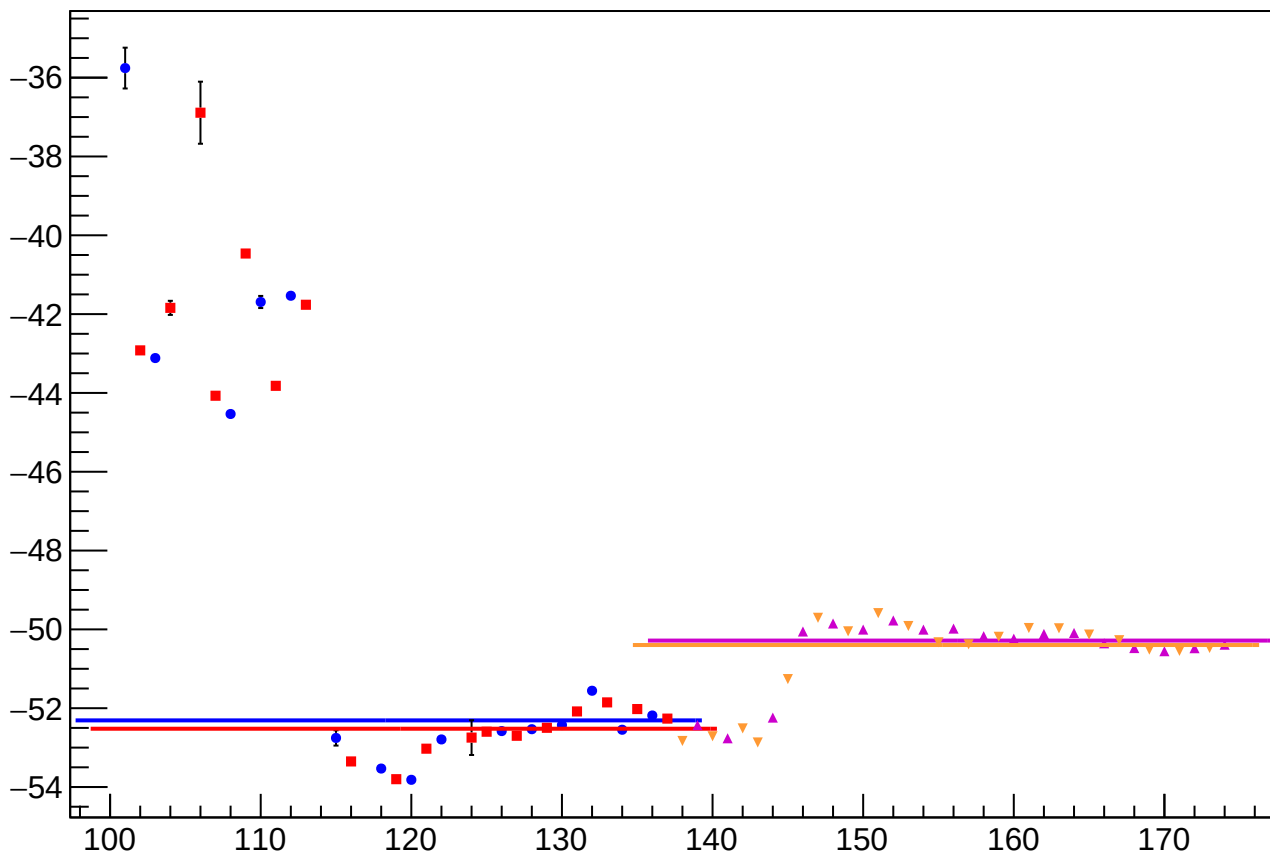
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 6893.7/32

Out: 0.312+/-0.000 χ^2/NDF : 9164.4/36

All: 0.311+/-0.000 χ^2/NDF : 16099.8/69

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.397 $\pm$ 0.002 χ^2 /NDF: 228426.7/18

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.284 $\pm$ 0.001 χ^2 /NDF: 165455.0/17

Left: -50.331 $\pm$ 0.001 χ^2 /NDF: 396992.0/36

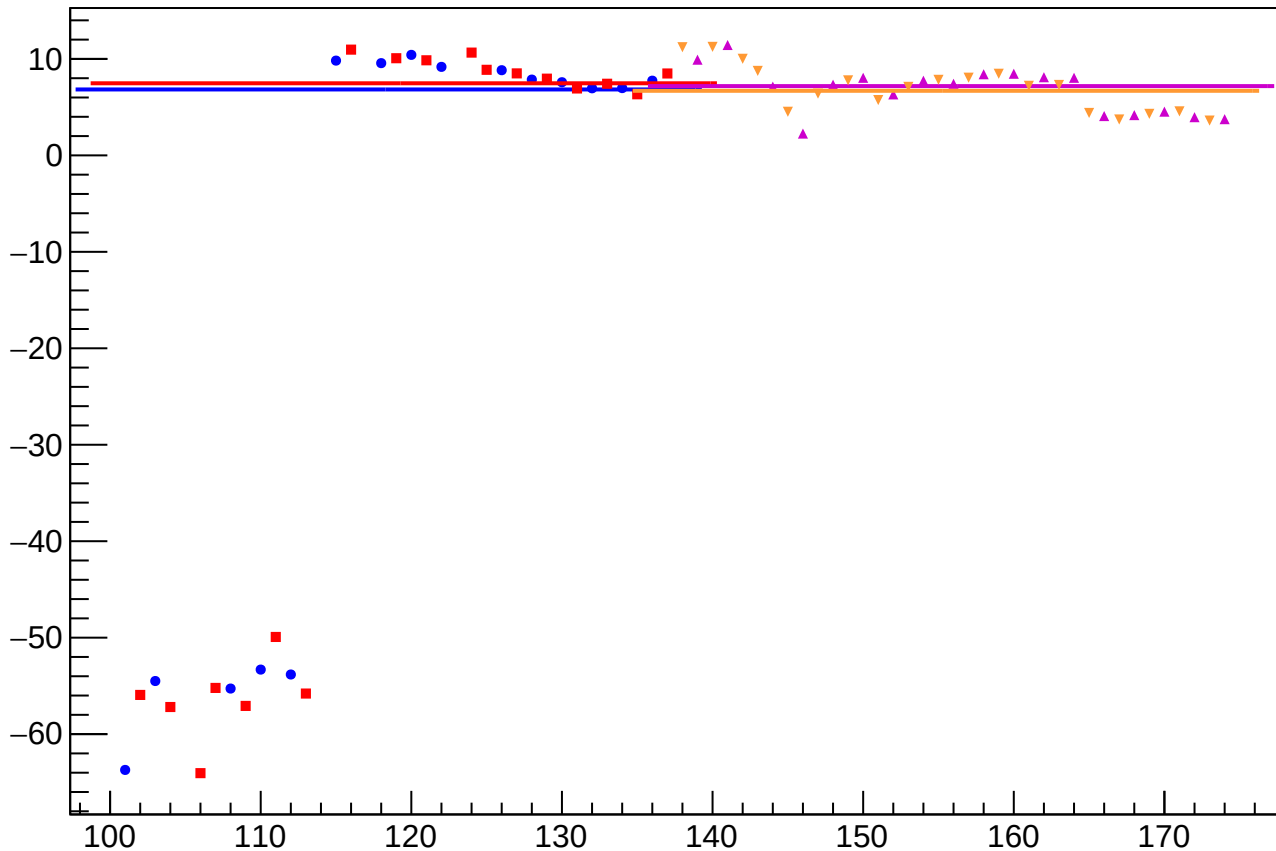
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.448 $\pm$ 0.001 χ^2 /NDF: 412404.6/32

Out: -50.612 $\pm$ 0.001 χ^2 /NDF: 496268.3/36

All: -50.517 $\pm$ 0.001 χ^2 /NDF: 915904.0/69

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.695 ± 0.004 $\chi^2/\text{NDF}: 317053.4/18$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.182 ± 0.003 $\chi^2/\text{NDF}: 197186.4/17$

Left: 6.957 ± 0.003 $\chi^2/\text{NDF}: 523248.7/36$

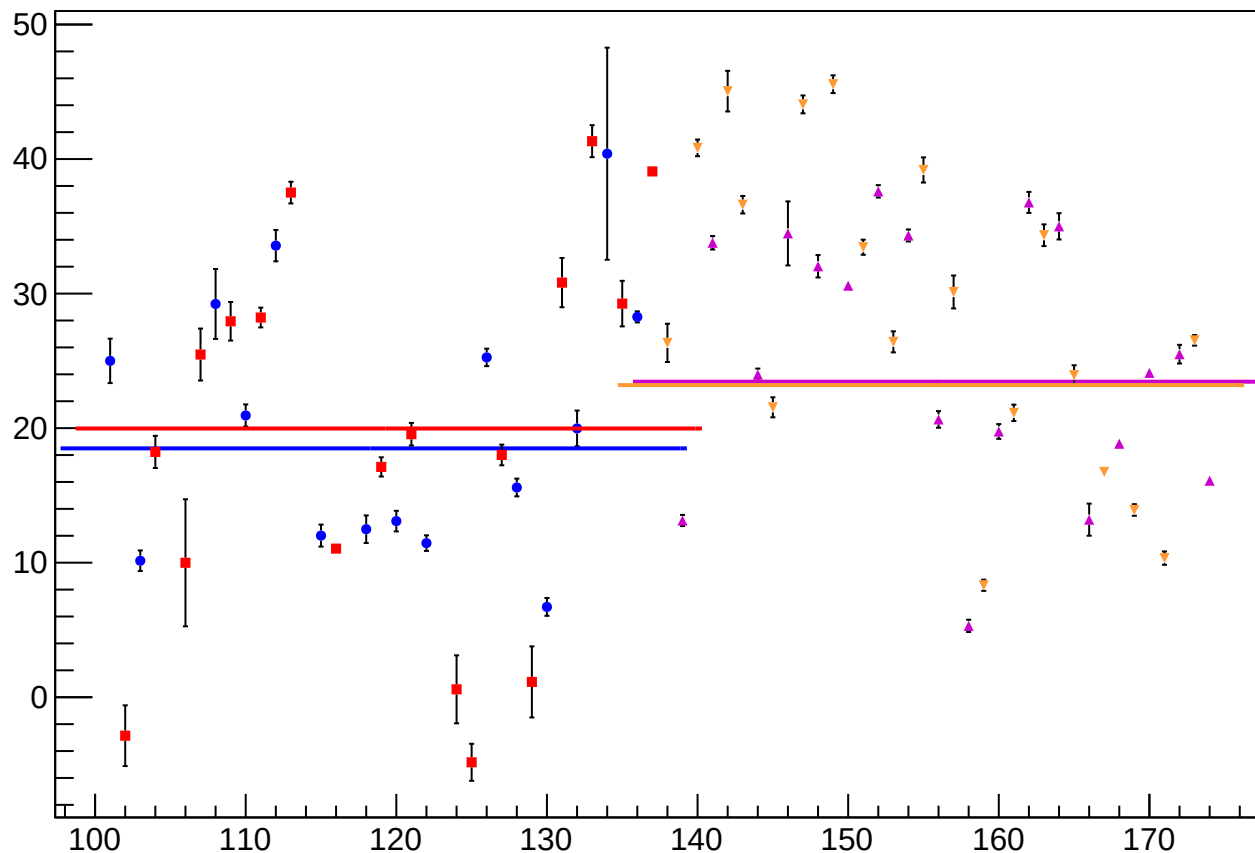
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.070 ± 0.003 $\chi^2/\text{NDF}: 1190972.6/32$

Out: 6.805 ± 0.003 $\chi^2/\text{NDF}: 1518581.9/36$

All: 6.963 ± 0.002 $\chi^2/\text{NDF}: 2713003.0/69$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 23.198 $\pm$ 0.128 χ^2 /NDF: 7532.2/18

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.452 $\pm$ 0.109 χ^2 /NDF: 6112.5/17

Left: 23.345 $\pm$ 0.083 χ^2 /NDF: 13647.0/36

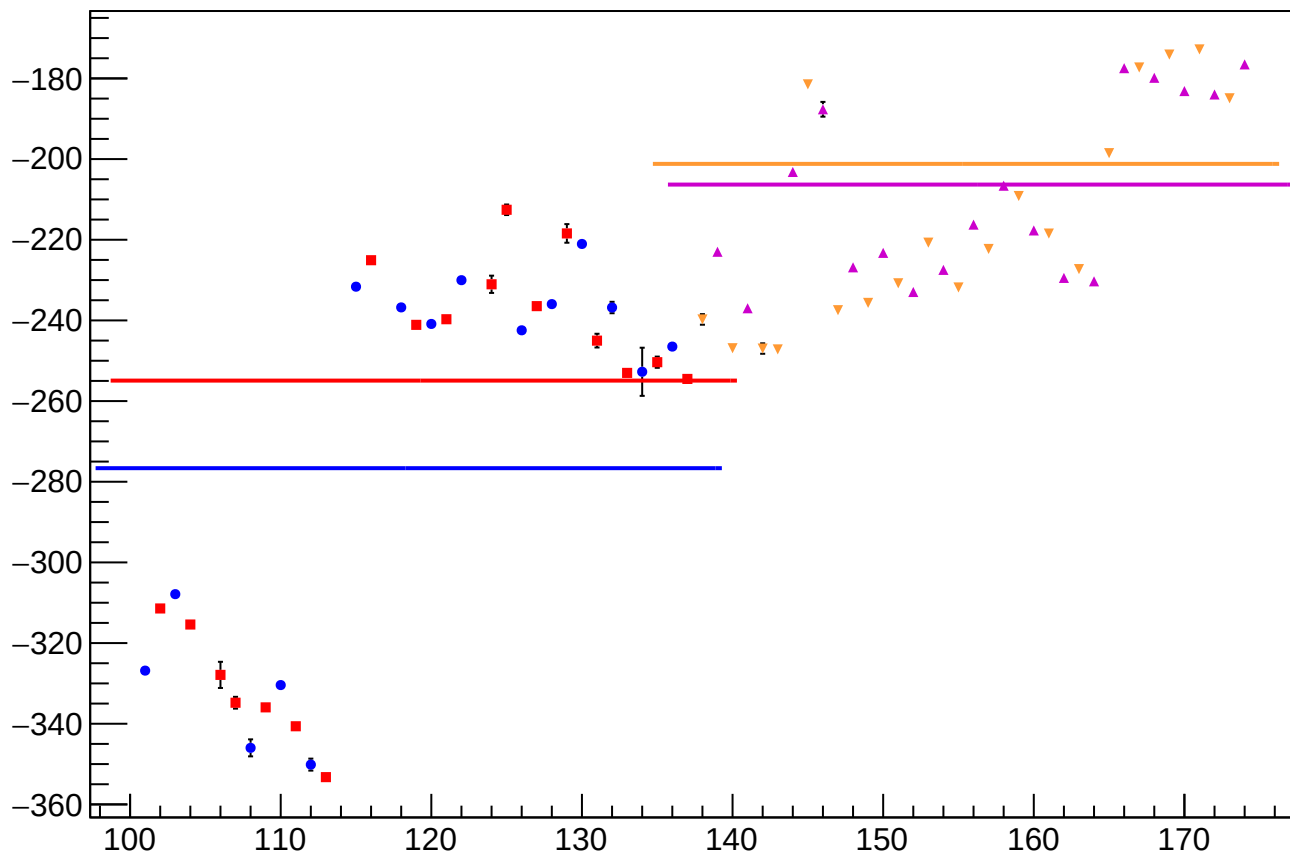
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.318 $\pm$ 0.096 χ^2 /NDF: 8222.5/32

Out: 21.611 $\pm$ 0.091 χ^2 /NDF: 17044.9/36

All: 21.948 $\pm$ 0.066 χ^2 /NDF: 25296.1/69

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -201.188 ± 0.107 $\chi^2/\text{NDF}: 61810.6/18$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -206.320 ± 0.095 $\chi^2/\text{NDF}: 53851.3/17$

Left: -204.047 ± 0.071 $\chi^2/\text{NDF}: 116949.6/36$

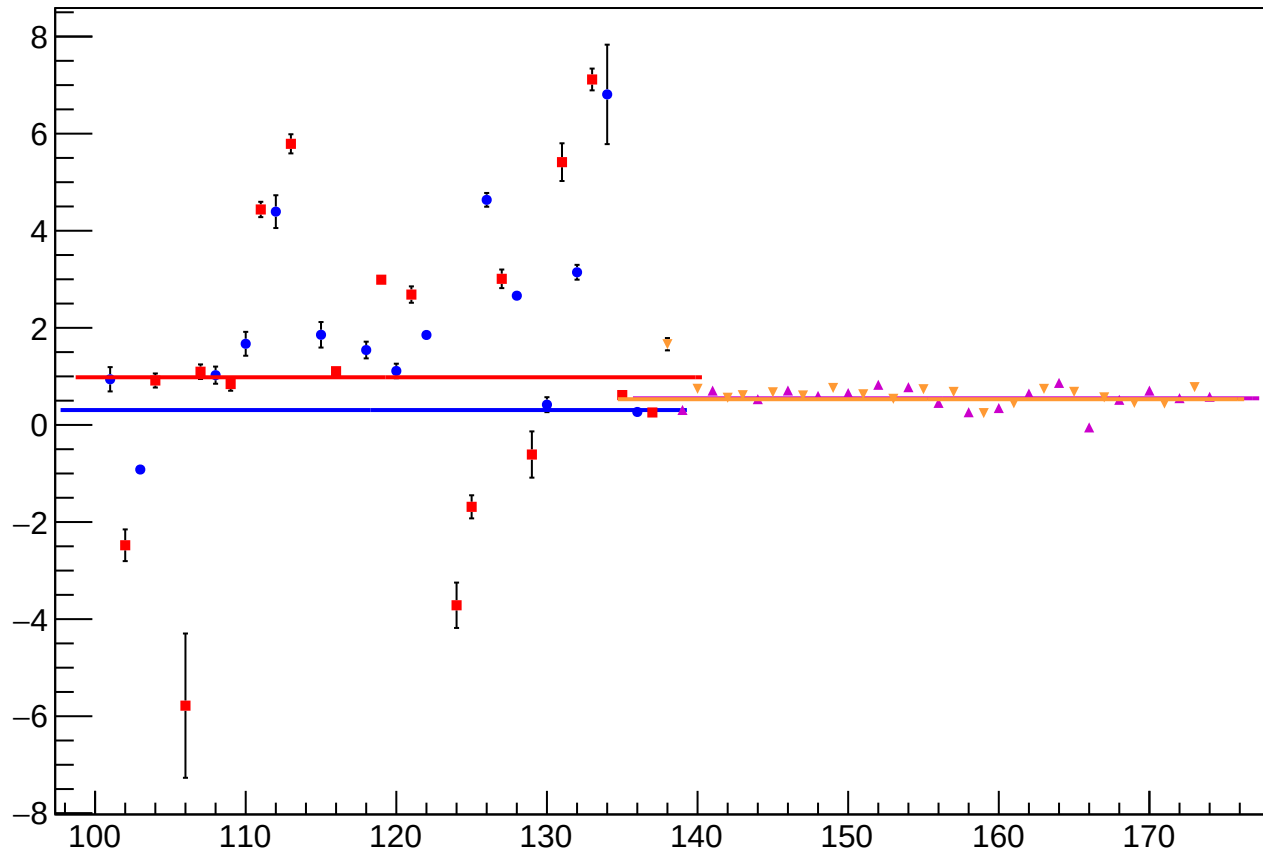
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -226.982 ± 0.080 $\chi^2/\text{NDF}: 291355.3/32$

Out: -238.364 ± 0.059 $\chi^2/\text{NDF}: 309107.2/36$

All: -234.332 ± 0.048 $\chi^2/\text{NDF}: 613539.4/69$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:9585.9/18

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.549 $\pm$ 0.002 χ^2 /NDF:14153.4/17

Left: 0.541 $\pm$ 0.001 χ^2 /NDF: 23792.2/36

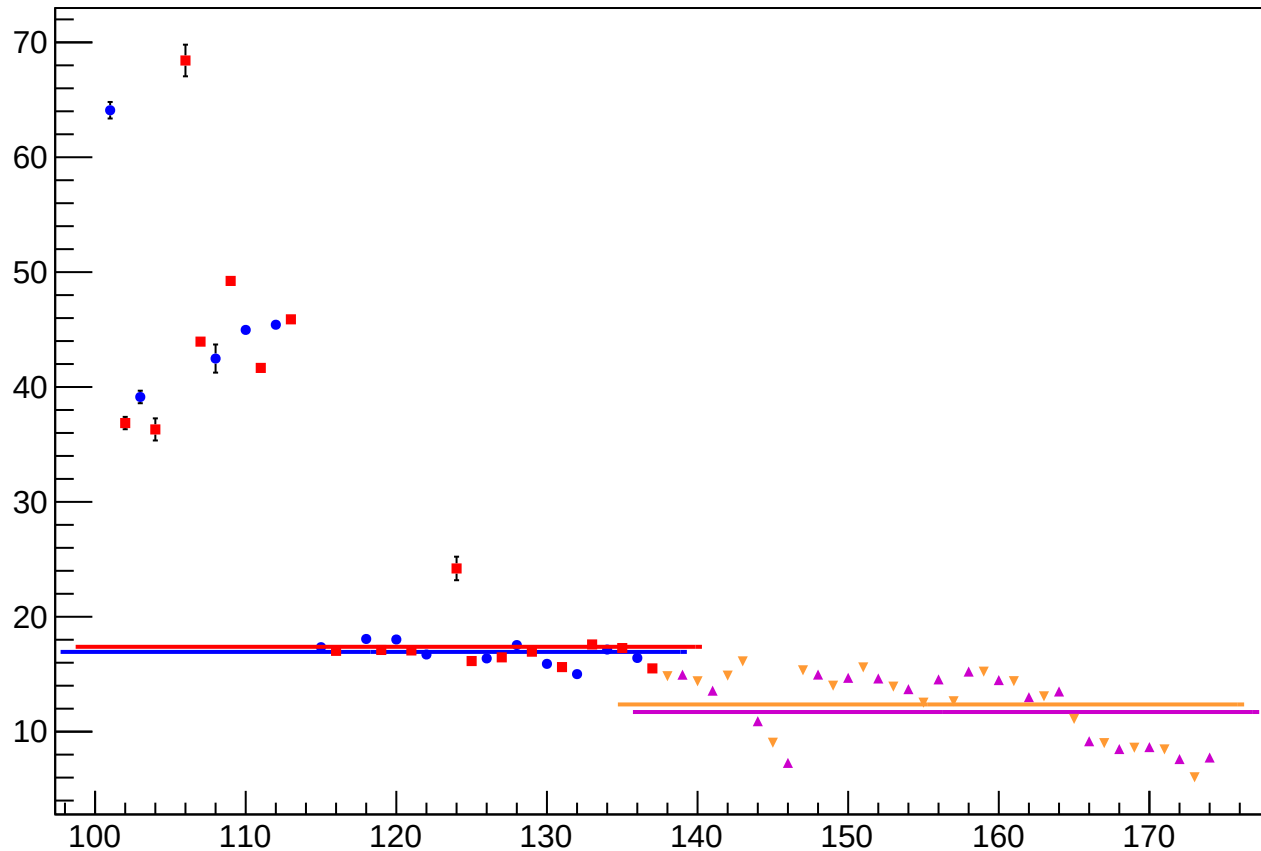
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.534 $\pm$ 0.002 χ^2 /NDF:18189.8/32

Out: 0.538 $\pm$ 0.002 χ^2 /NDF:13892.4/36

All: 0.536 $\pm$ 0.001 χ^2 /NDF: 32084.5/69

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 12.367 ± 0.008 $\chi^2/\text{NDF}: 166131.6/18$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.709 ± 0.007 $\chi^2/\text{NDF}: 183388.2/17$

Left: 12.009 ± 0.005 $\chi^2/\text{NDF}: 353294.7/36$

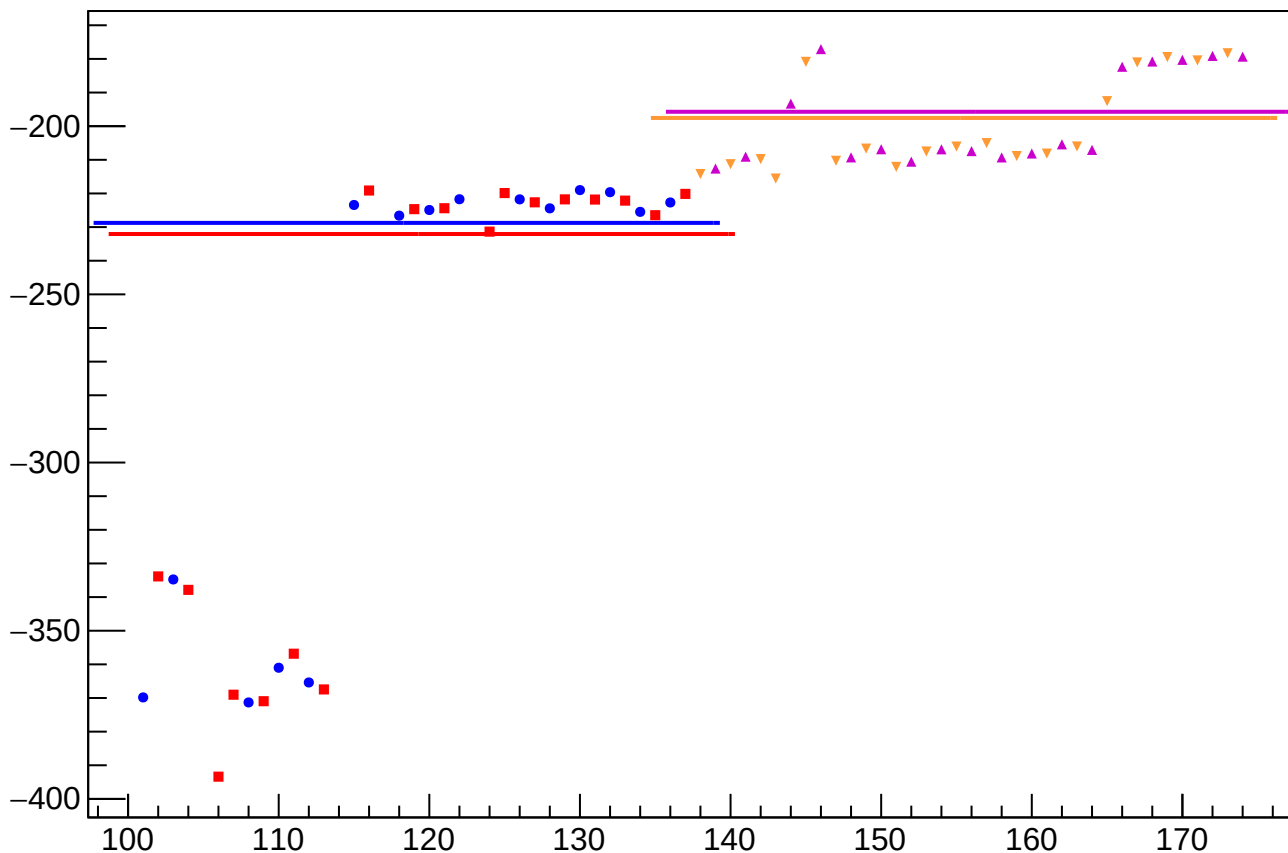
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.967 ± 0.006 $\chi^2/\text{NDF}: 337944.4/32$

Out: 13.211 ± 0.007 $\chi^2/\text{NDF}: 294963.9/36$

All: 13.073 ± 0.005 $\chi^2/\text{NDF}: 633553.2/69$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -197.552 ± 0.015 $\chi^2/\text{NDF}: 932114.5/18$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -195.714 ± 0.013 $\chi^2/\text{NDF}: 1109522.8/17$

Left: -196.524 ± 0.010 $\chi^2/\text{NDF}: 2050105.5/36$

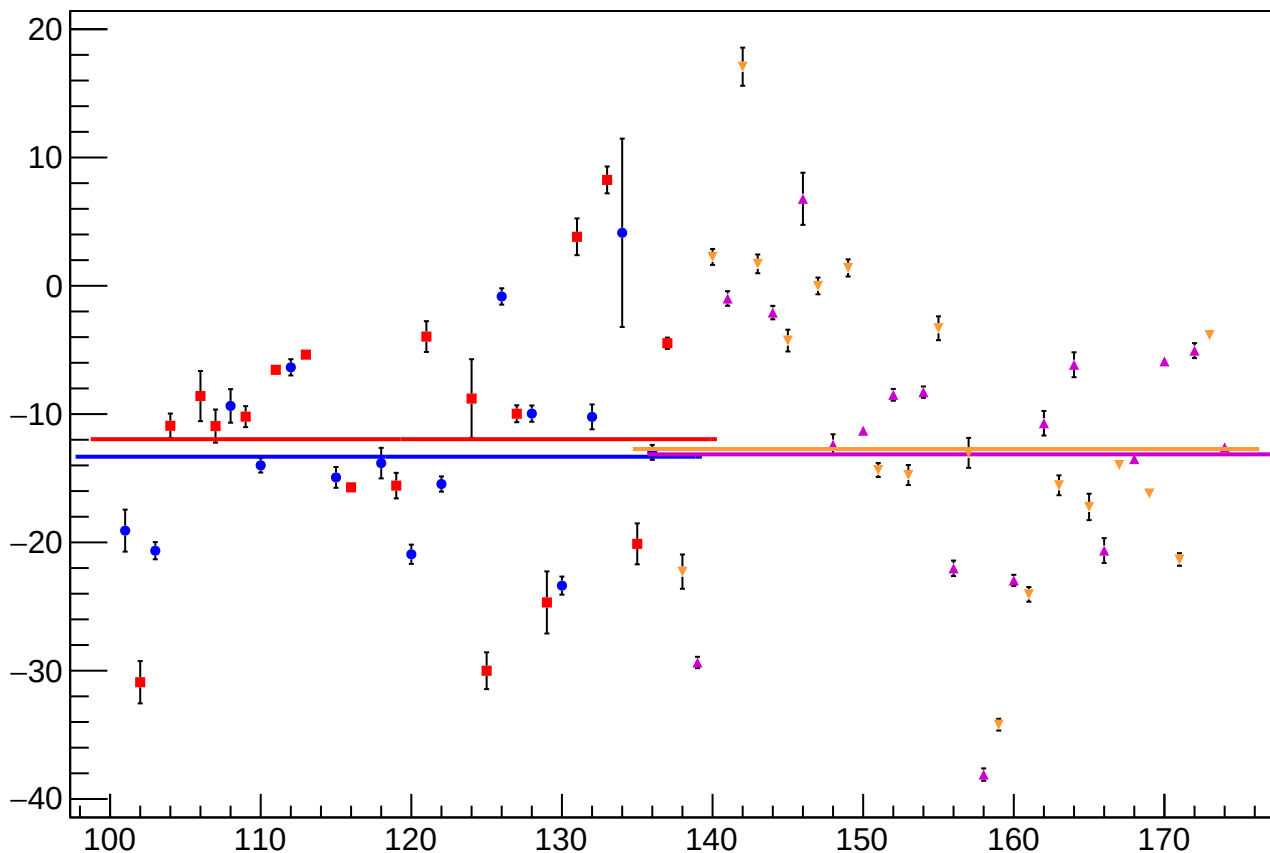
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -199.928 ± 0.012 $\chi^2/\text{NDF}: 2558542.1/32$

Out: -201.546 ± 0.014 $\chi^2/\text{NDF}: 2340848.7/36$

All: -200.636 ± 0.009 $\chi^2/\text{NDF}: 4906850.6/69$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$
 Left Out: -12.720 ± 0.129 $\chi^2/\text{NDF}: 6116.1/18$
 Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$
 Left In: -13.136 ± 0.111 $\chi^2/\text{NDF}: 6936.7/17$

Left: -12.960 ± 0.084 $\chi^2/\text{NDF}: 13058.8/36$

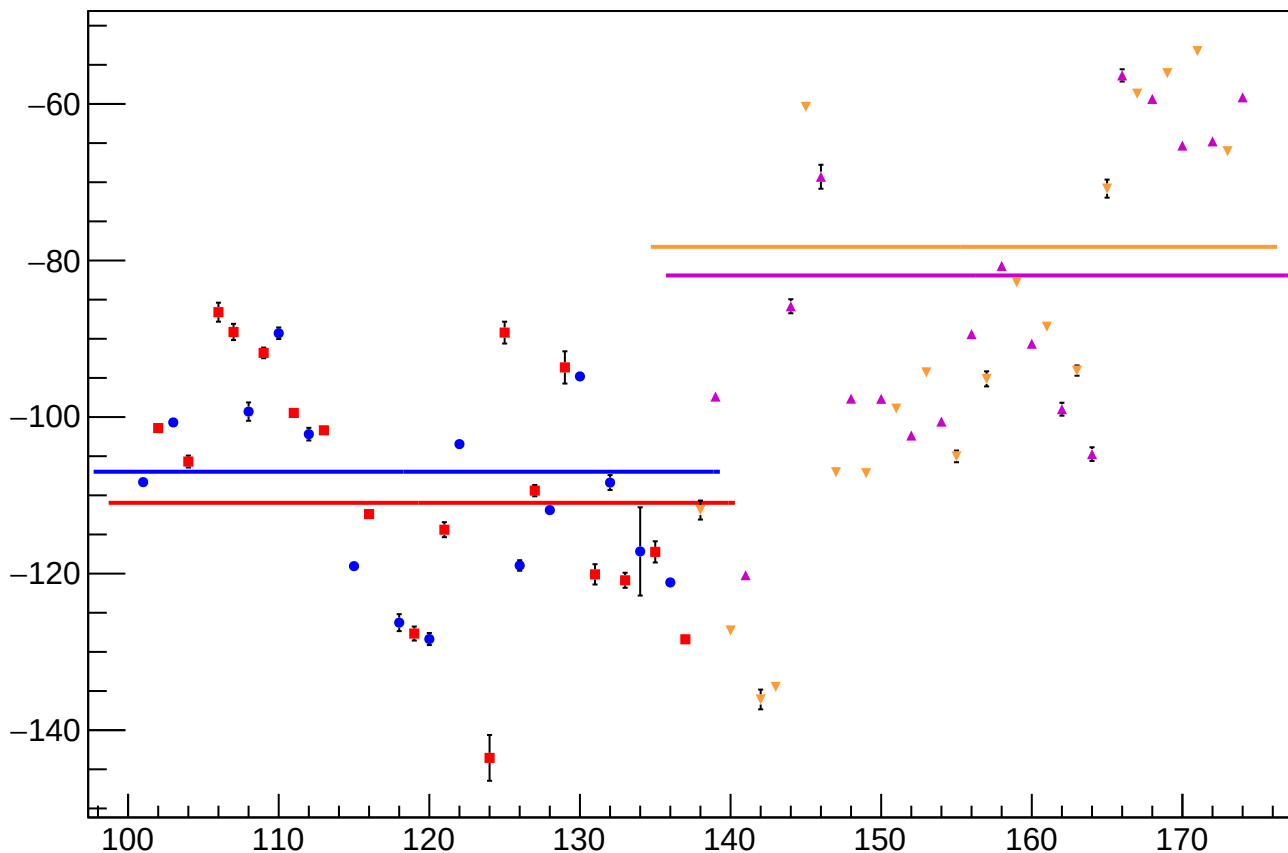
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.182 ± 0.096 $\chi^2/\text{NDF}: 7950.4/32$

Out: -12.286 ± 0.085 $\chi^2/\text{NDF}: 8623.1/36$

All: -12.679 ± 0.064 $\chi^2/\text{NDF}: 16622.3/69$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -78.251 ± 0.104 $\chi^2/\text{NDF}: 51955.1/18$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -81.909 ± 0.093 $\chi^2/\text{NDF}: 41077.3/17$

Left: -80.281 ± 0.069 $\chi^2/\text{NDF}: 93716.8/36$

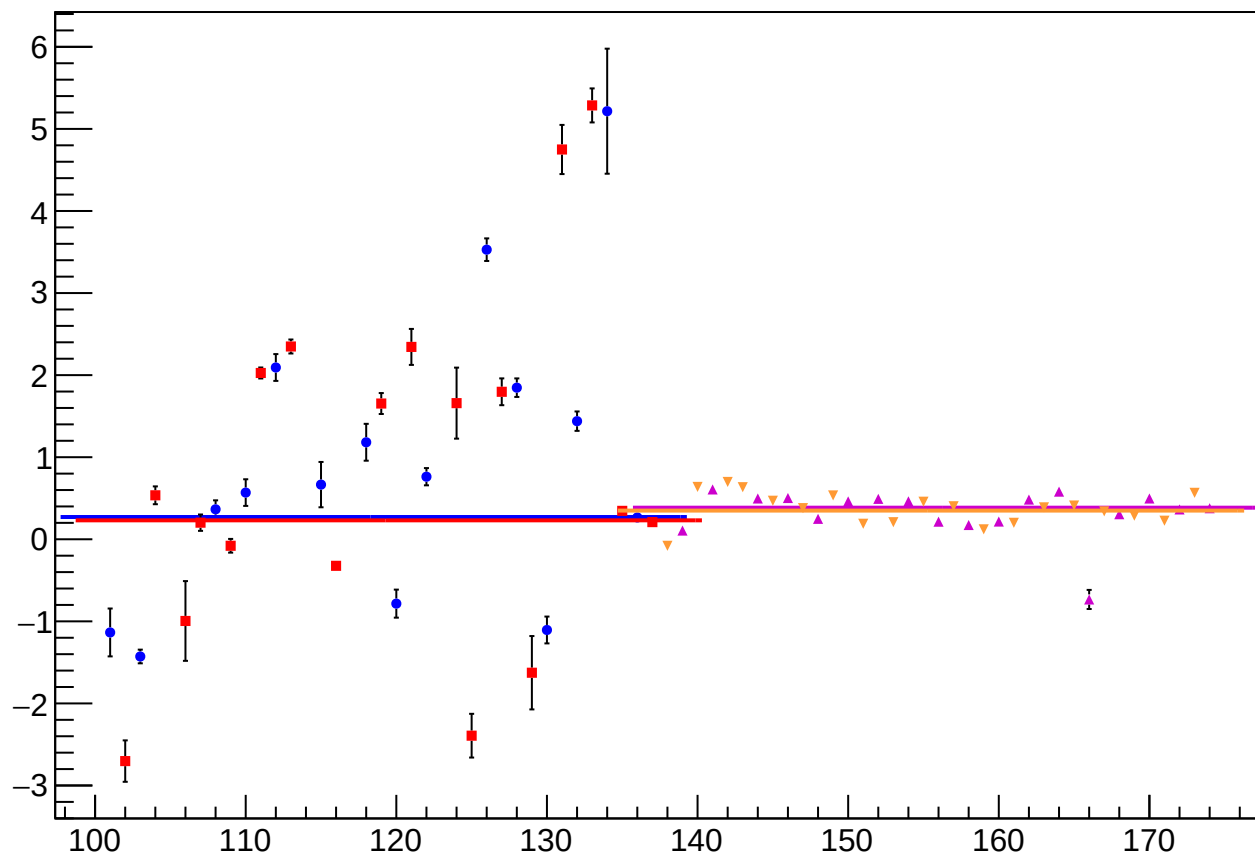
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -92.395 ± 0.071 $\chi^2/\text{NDF}: 75951.5/32$

Out: -104.796 ± 0.045 $\chi^2/\text{NDF}: 142608.5/36$

All: -101.229 ± 0.038 $\chi^2/\text{NDF}: 240198.7/69$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.350 ± 0.002 $\chi^2/\text{NDF}: 8946.0/18$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.385 ± 0.002 $\chi^2/\text{NDF}: 8292.1/17$

Left: 0.369 ± 0.001 $\chi^2/\text{NDF}: 17437.3/36$

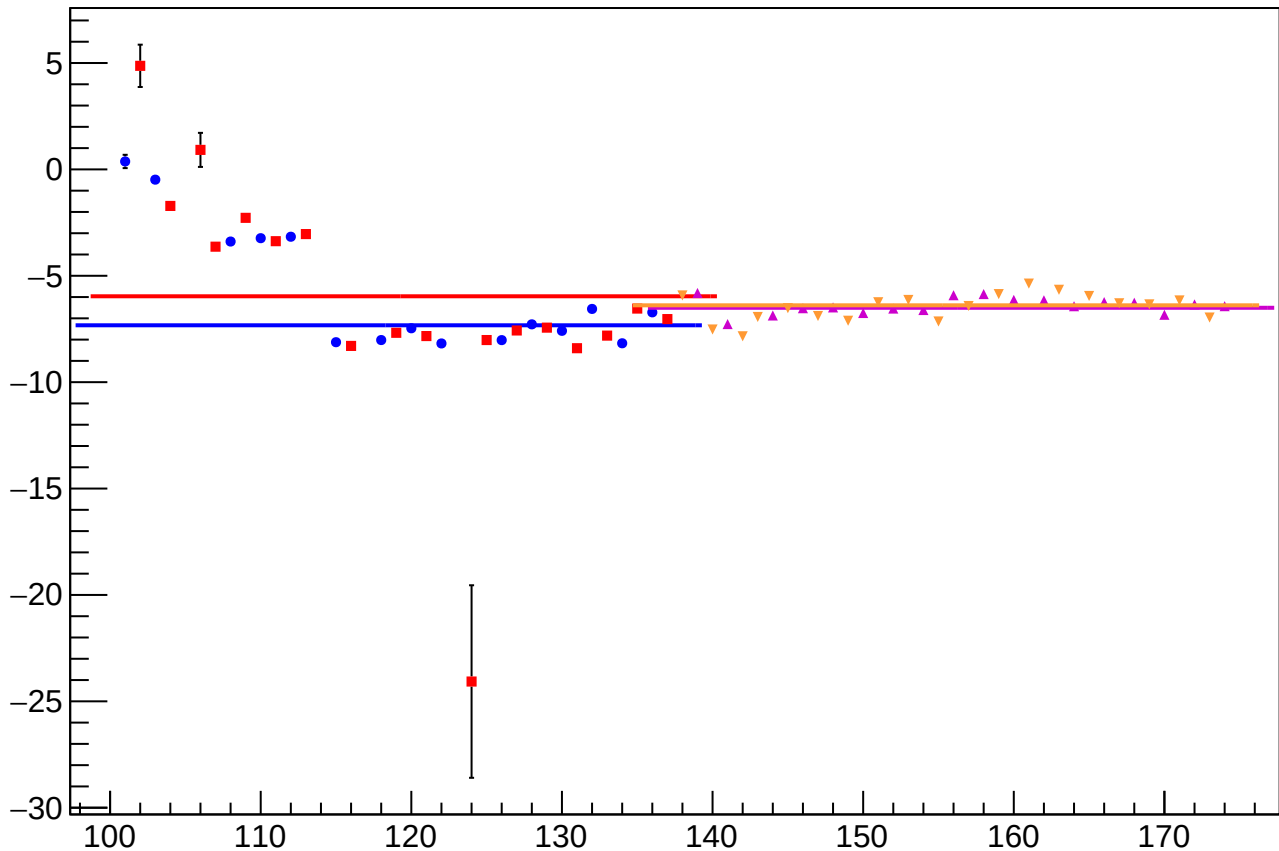
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.375 ± 0.002 $\chi^2/\text{NDF}: 10320.2/32$

Out: 0.331 ± 0.002 $\chi^2/\text{NDF}: 12466.3/36$

All: 0.355 ± 0.001 $\chi^2/\text{NDF}: 23130.7/69$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.388+/-0.005 χ^2/NDF : 6364.3/18

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.504+/-0.005 χ^2/NDF : 6529.1/17

Left: -6.450+/-0.003 χ^2/NDF : 13171.3/36

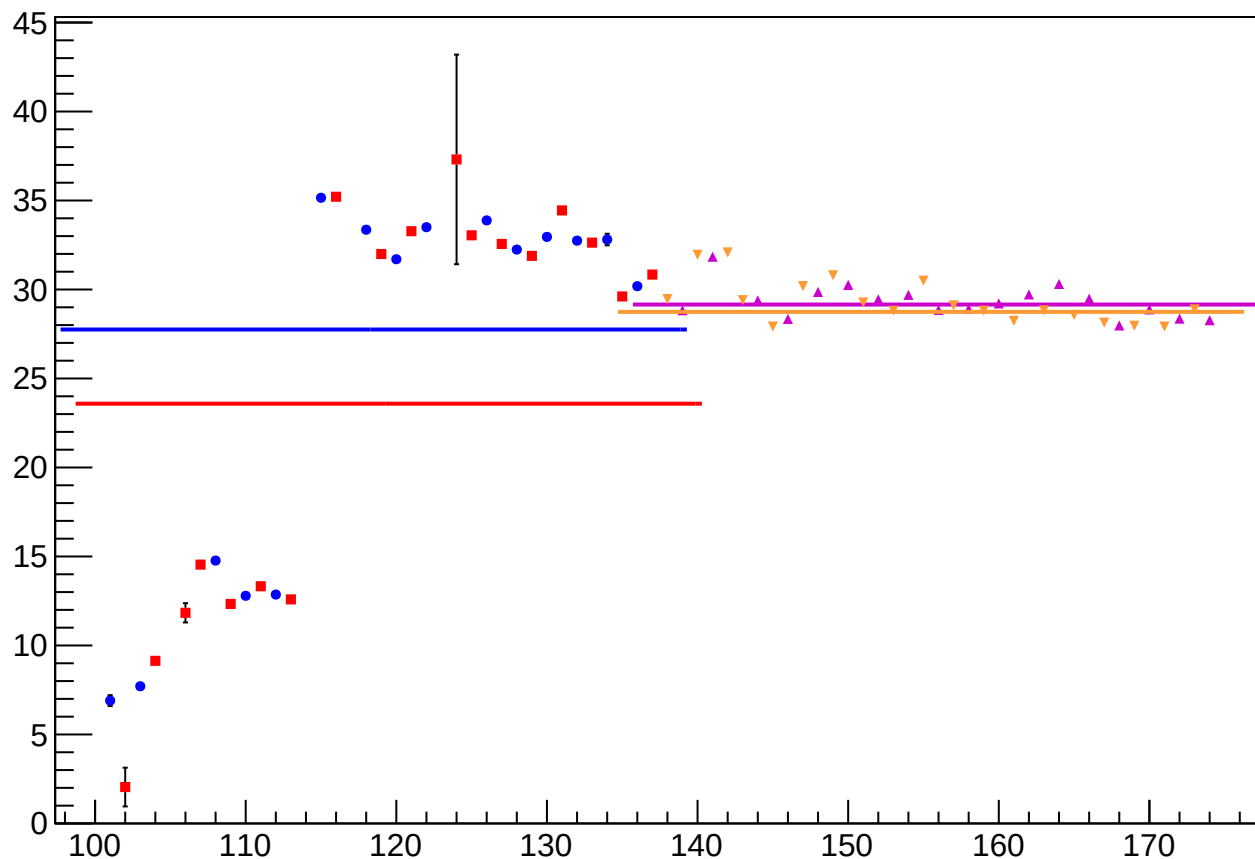
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.704+/-0.004 χ^2/NDF : 44323.0/32

Out: -6.281+/-0.004 χ^2/NDF : 79917.5/36

All: -6.506+/-0.003 χ^2/NDF : 129142.2/69

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 28.744 $\pm$ 0.009 χ^2 /NDF:12829.3/18

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.156 $\pm$ 0.009 χ^2 /NDF:7533.6/17

Left: 28.957 $\pm$ 0.006 χ^2 /NDF: 21453.9/36

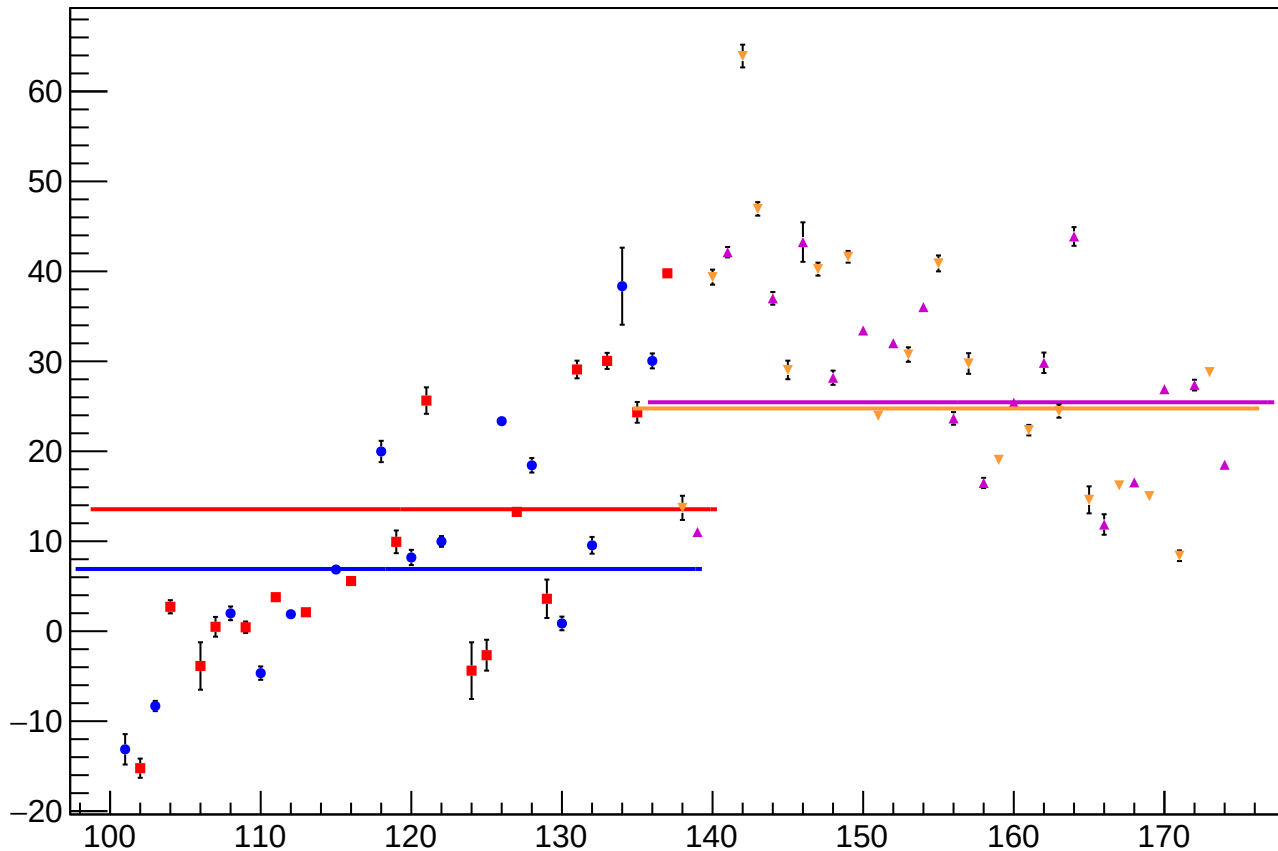
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.807 $\pm$ 0.007 χ^2 /NDF:347009.0/32

Out: 27.201 $\pm$ 0.008 χ^2 /NDF:651658.5/36

All: 28.005 $\pm$ 0.005 χ^2 /NDF: 1021627.8/69

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.759 ± 0.141 $\chi^2/\text{NDF}: 5968.4/18$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.447 ± 0.121 $\chi^2/\text{NDF}: 5812.2/17$

Left: 25.157 ± 0.092 $\chi^2/\text{NDF}: 11794.4/36$

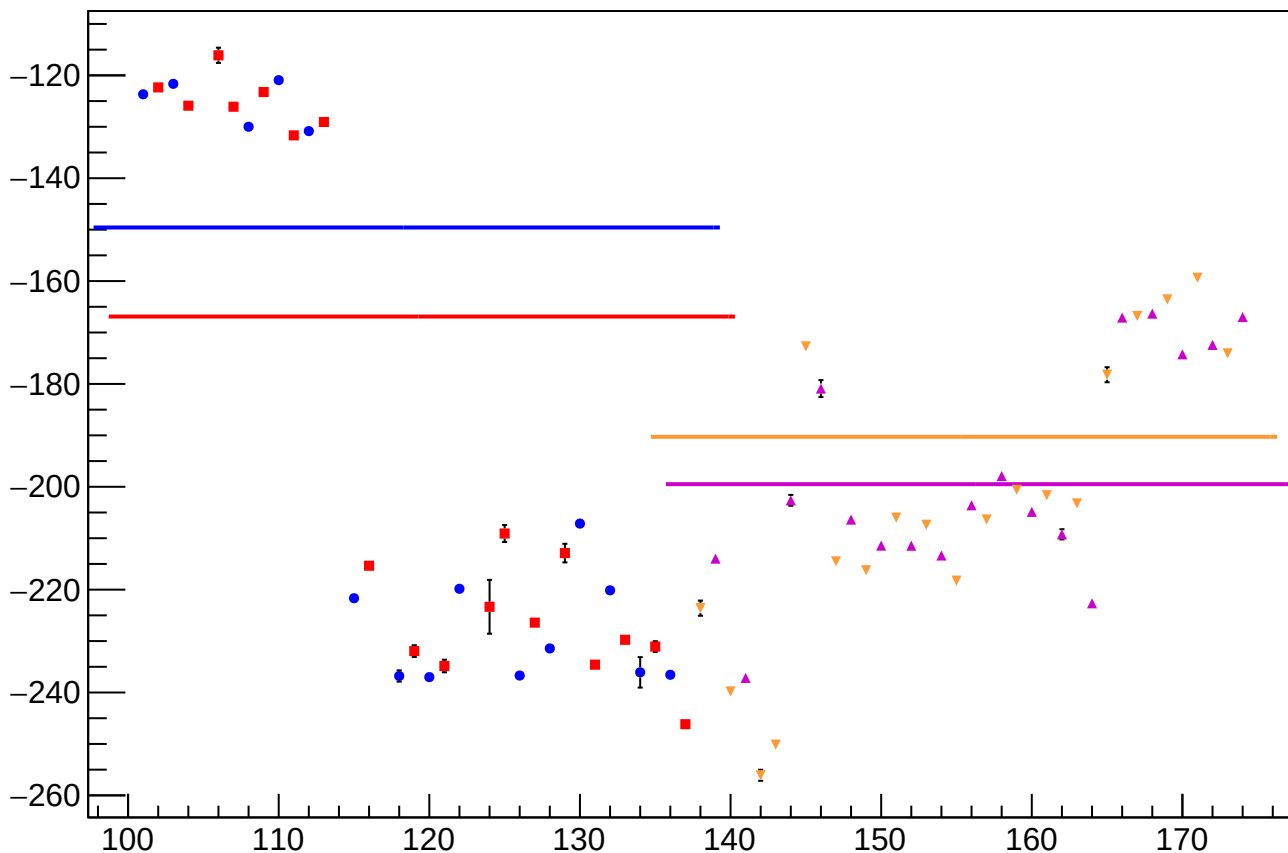
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.540 ± 0.100 $\chi^2/\text{NDF}: 16820.6/32$

Out: 19.307 ± 0.101 $\chi^2/\text{NDF}: 20686.4/36$

All: 19.425 ± 0.071 $\chi^2/\text{NDF}: 37509.7/69$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 $\chi^2/\text{NDF}: 195091.5/14$

Left Out: -190.284 ± 0.114 $\chi^2/\text{NDF}: 48391.9/18$

Right Out: -166.899 ± 0.101 $\chi^2/\text{NDF}: 295489.9/17$

Left In: -199.492 ± 0.103 $\chi^2/\text{NDF}: 39316.5/17$

Left: -195.364 ± 0.076 $\chi^2/\text{NDF}: 91298.1/36$

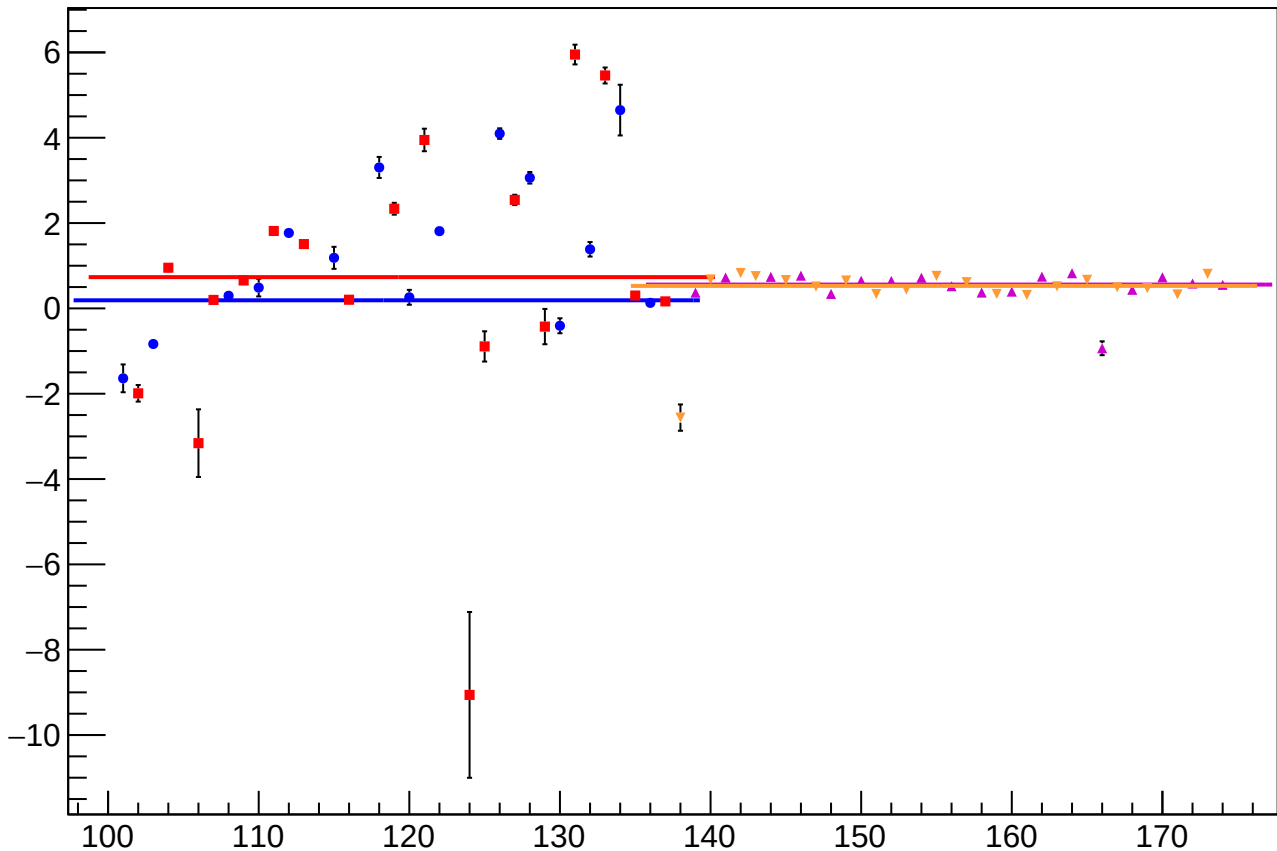
Right: -158.264 ± 0.071 $\chi^2/\text{NDF}: 505360.9/32$

In: -174.039 ± 0.072 $\chi^2/\text{NDF}: 354386.5/32$

Out: -177.120 ± 0.075 $\chi^2/\text{NDF}: 367505.4/36$

All: -175.508 ± 0.052 $\chi^2/\text{NDF}: 722764.0/69$

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.527 ± 0.002 $\chi^2/\text{NDF}: 8019.0/18$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.558 ± 0.002 $\chi^2/\text{NDF}: 5290.5/17$

Left: 0.544 ± 0.001 $\chi^2/\text{NDF}: 13417.7/36$

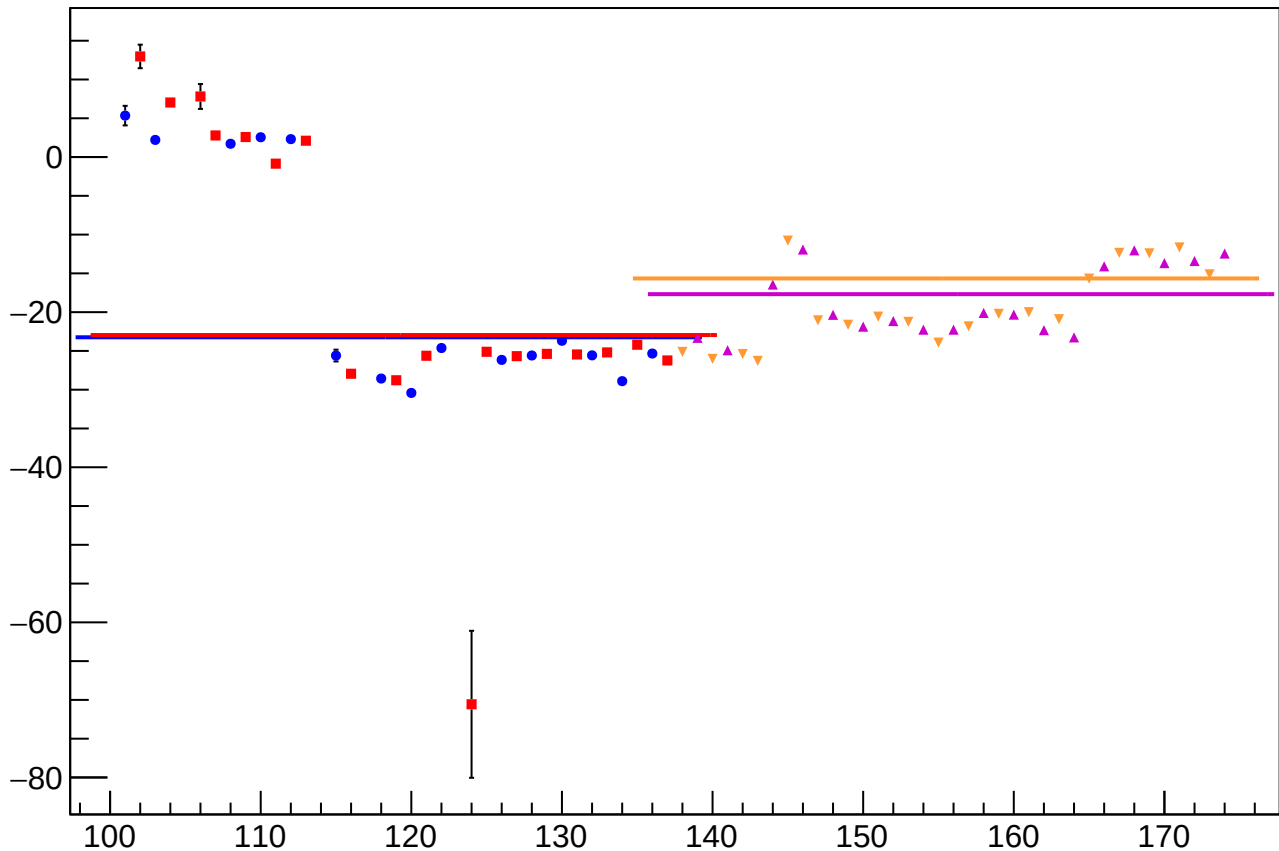
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.538 ± 0.002 $\chi^2/\text{NDF}: 9751.9/32$

Out: 0.530 ± 0.002 $\chi^2/\text{NDF}: 10792.6/36$

All: 0.534 ± 0.001 $\chi^2/\text{NDF}: 20553.3/69$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.653 ± 0.012 $\chi^2/\text{NDF}: 176027.9/18$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.679 ± 0.012 $\chi^2/\text{NDF}: 120135.8/17$

Left: -16.642 ± 0.008 $\chi^2/\text{NDF}: 310991.3/36$

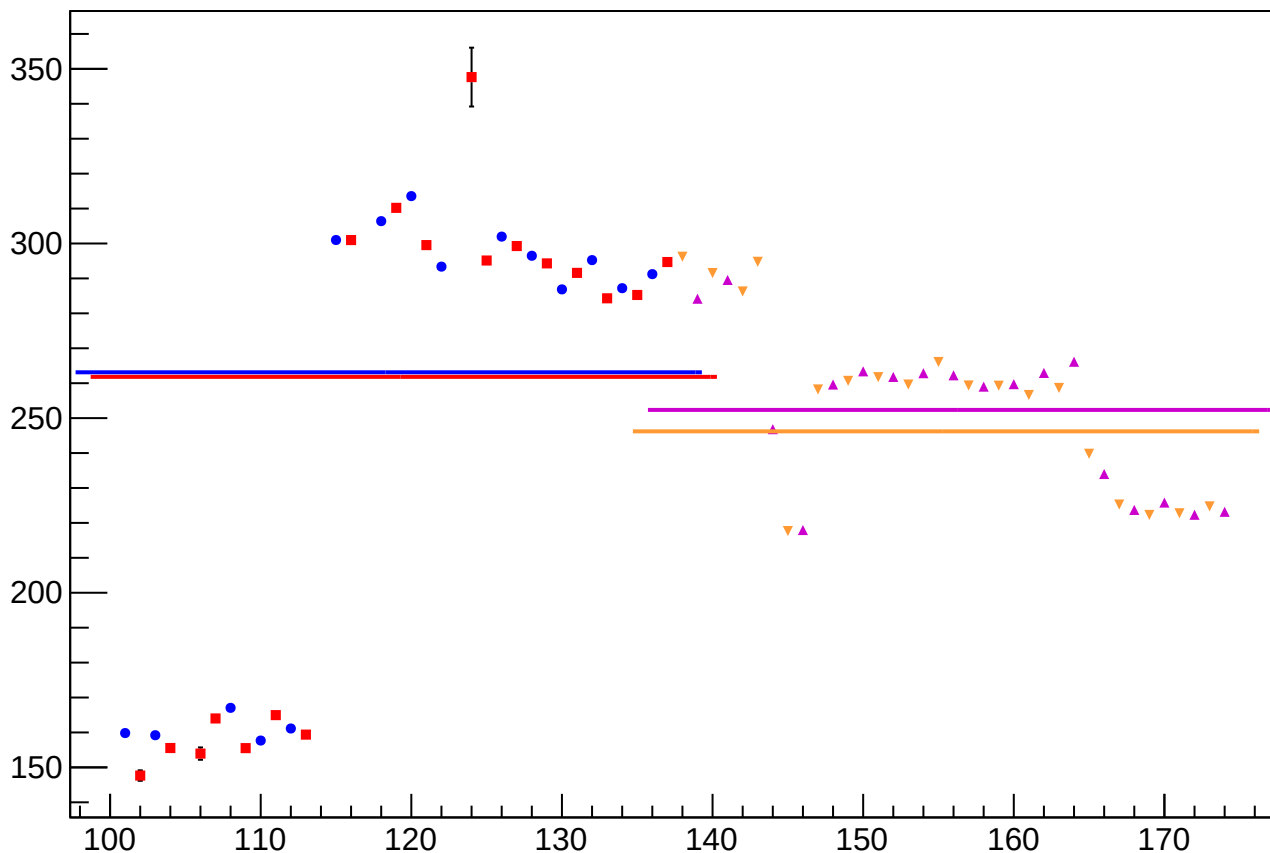
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.722 ± 0.011 $\chi^2/\text{NDF}: 264227.9/32$

Out: -16.978 ± 0.011 $\chi^2/\text{NDF}: 355577.1/36$

All: -17.833 ± 0.008 $\chi^2/\text{NDF}: 633286.9/69$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.211 $\pm$ 0.029 χ^2 /NDF: 674892.6/18

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.349 $\pm$ 0.029 χ^2 /NDF: 356310.3/17

Left: 249.273 $\pm$ 0.020 χ^2 /NDF: 1054172.1/36

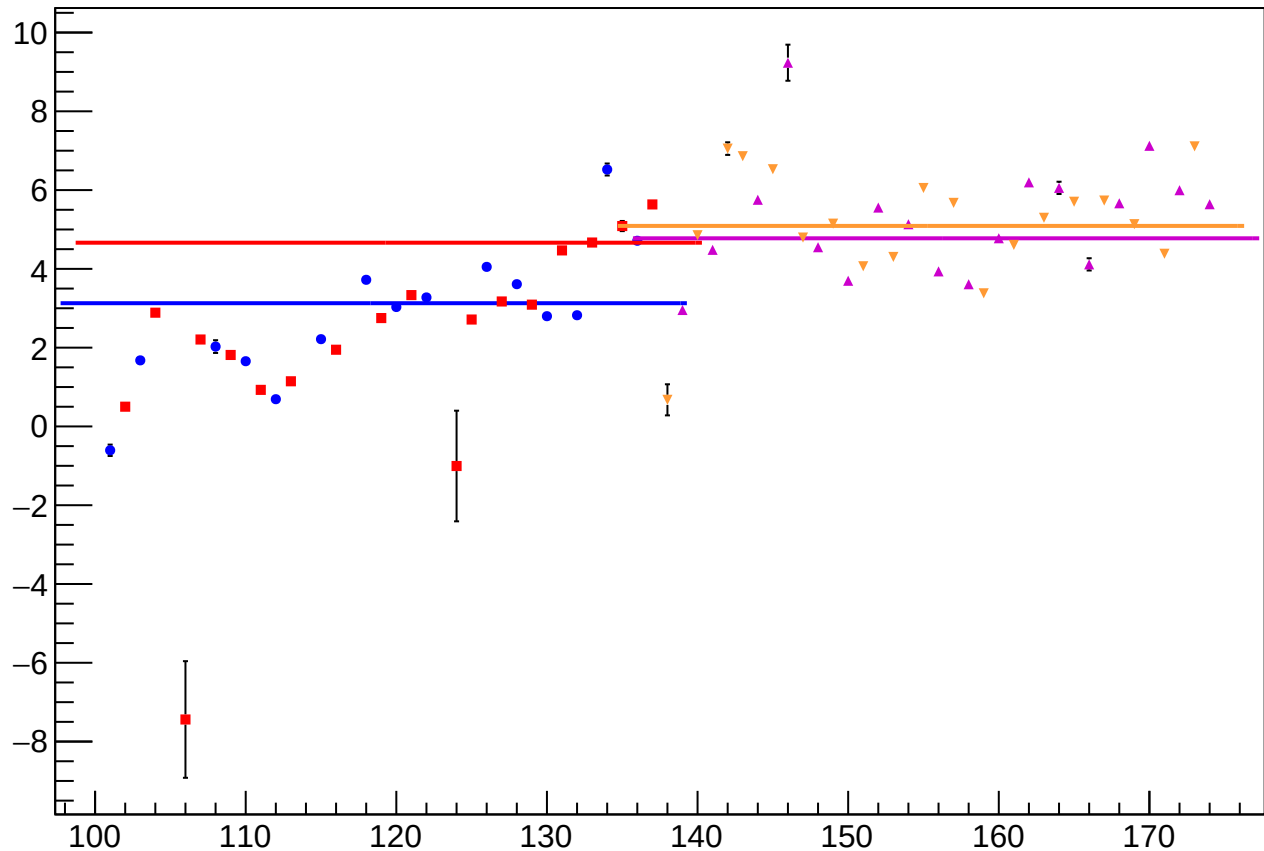
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.932 $\pm$ 0.026 χ^2 /NDF: 1069937.1/32

Out: 249.067 $\pm$ 0.026 χ^2 /NDF: 1735531.4/36

All: 251.441 $\pm$ 0.019 χ^2 /NDF: 2822752.4/69

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.091 ± 0.015 $\chi^2/\text{NDF}: 3589.7/18$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.776 ± 0.013 $\chi^2/\text{NDF}: 8979.7/17$

Left: 4.919 ± 0.010 $\chi^2/\text{NDF}: 12818.5/36$

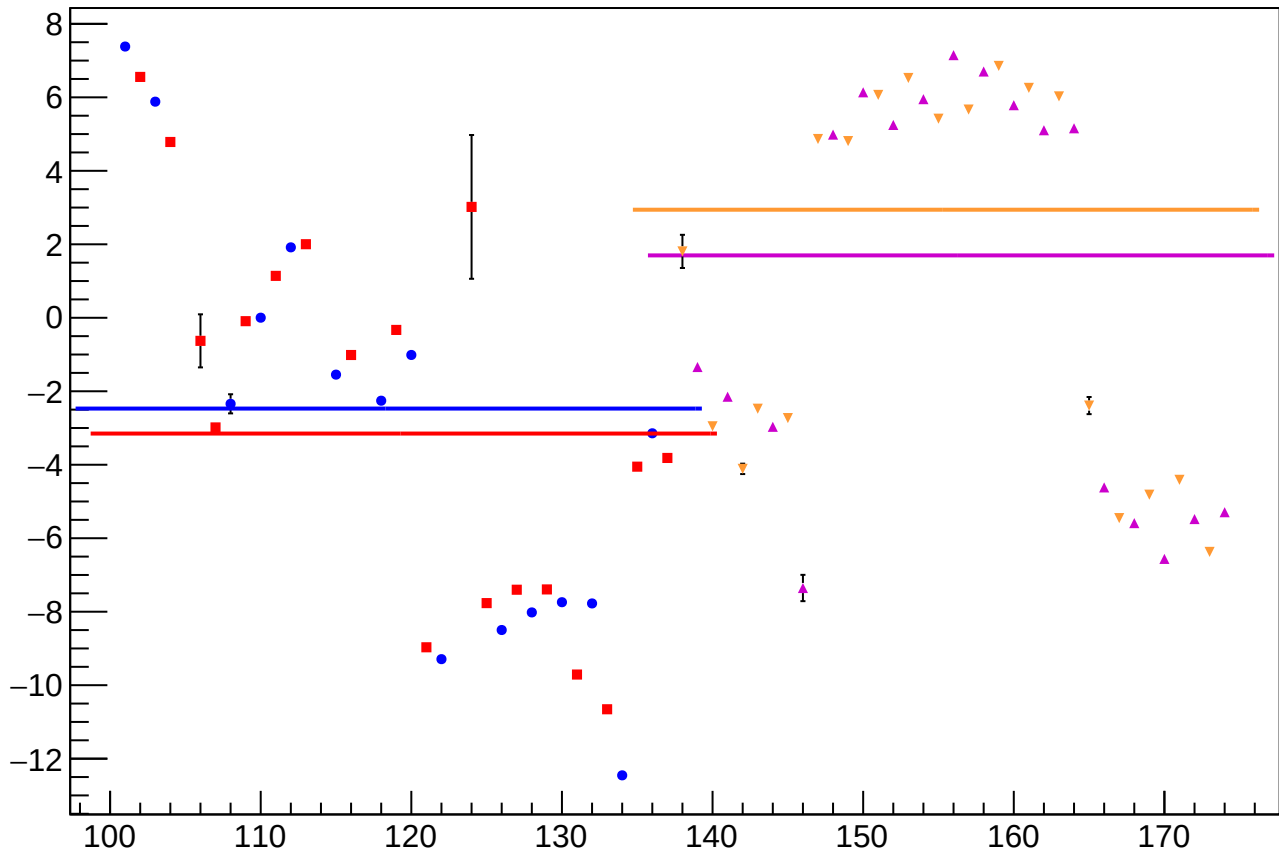
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.082 ± 0.010 $\chi^2/\text{NDF}: 20972.1/32$

Out: 4.731 ± 0.006 $\chi^2/\text{NDF}: 71158.5/36$

All: 4.572 ± 0.005 $\chi^2/\text{NDF}: 95174.3/69$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 2.941 ± 0.012 $\chi^2/\text{NDF}: 134634.8/18$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 1.698 ± 0.012 $\chi^2/\text{NDF}: 204265.3/17$

Left: 2.286 ± 0.008 $\chi^2/\text{NDF}: 344304.4/36$

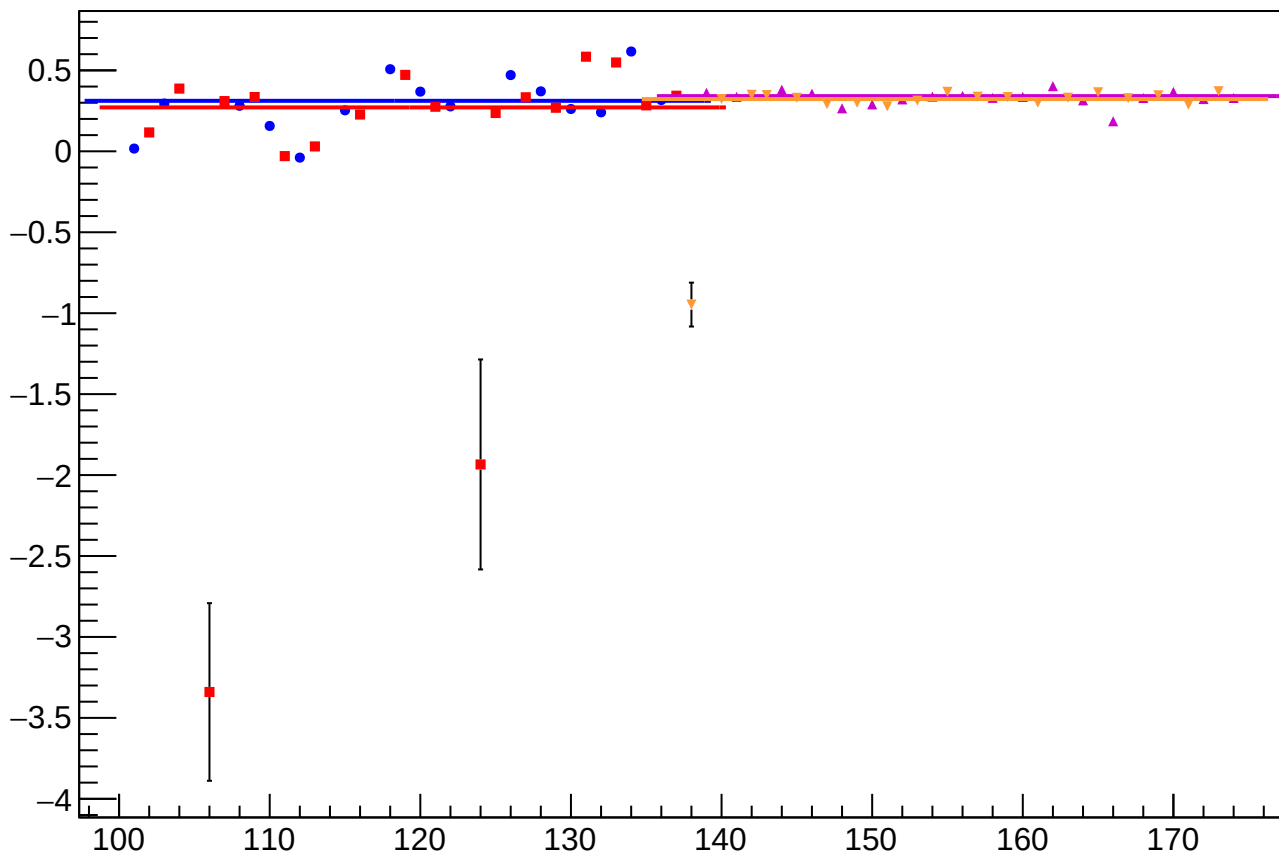
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.011 ± 0.009 $\chi^2/\text{NDF}: 498853.0/32$

Out: -1.518 ± 0.006 $\chi^2/\text{NDF}: 562165.1/36$

All: -1.007 ± 0.005 $\chi^2/\text{NDF}: 1080338.0/69$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.323 ± 0.001 $\chi^2/\text{NDF}: 2117.2/18$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.341 ± 0.001 $\chi^2/\text{NDF}: 3238.8/17$

Left: 0.332 ± 0.000 $\chi^2/\text{NDF}: 5840.8/36$

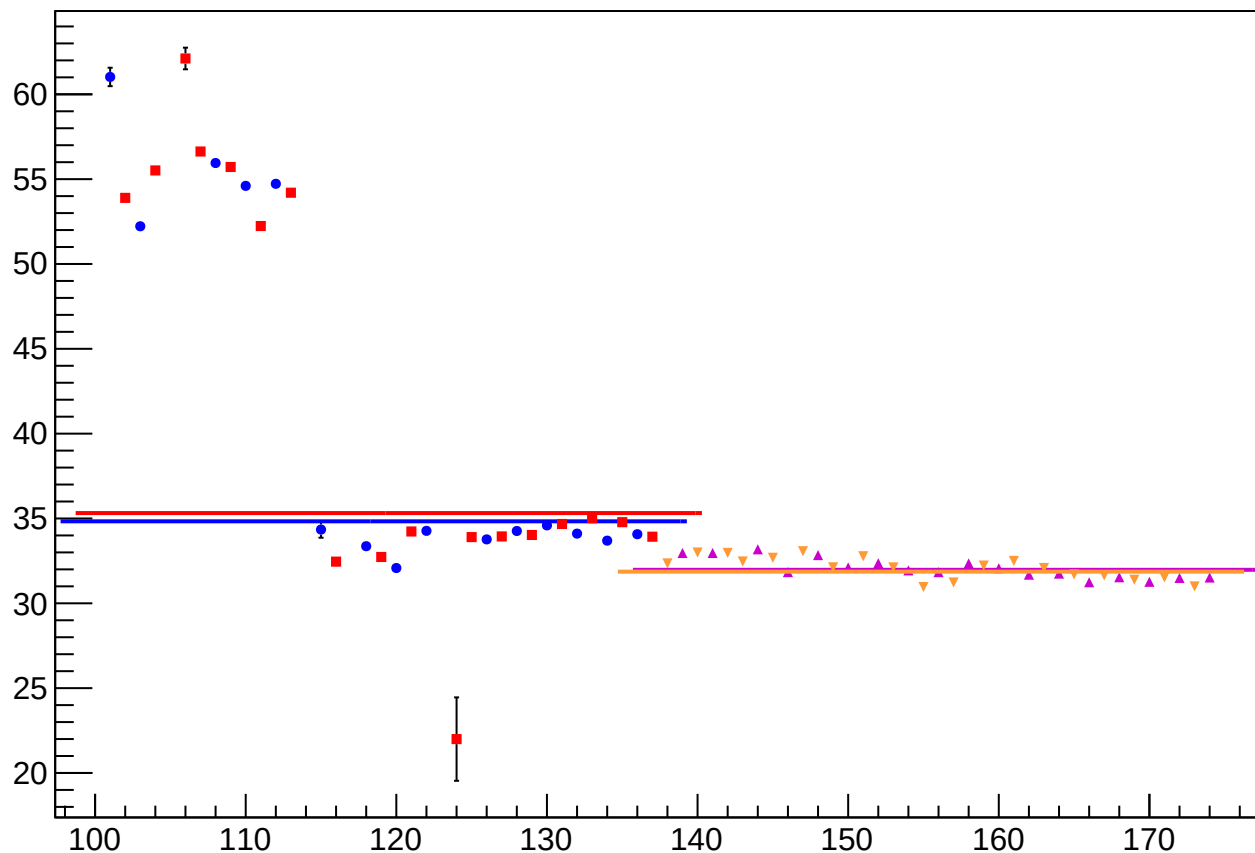
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.336 ± 0.001 $\chi^2/\text{NDF}: 4987.8/32$

Out: 0.319 ± 0.001 $\chi^2/\text{NDF}: 8813.9/36$

All: 0.329 ± 0.000 $\chi^2/\text{NDF}: 14300.0/69$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 χ^2/NDF : 245568.8/14

Left Out: 31.866 ± 0.003 χ^2/NDF : 24162.7/18

Right Out: 35.319 ± 0.010 χ^2/NDF : 261492.0/17

Left In: 31.975 ± 0.004 χ^2/NDF : 14067.4/17

Left: 31.914 ± 0.002 χ^2/NDF : 38713.0/36

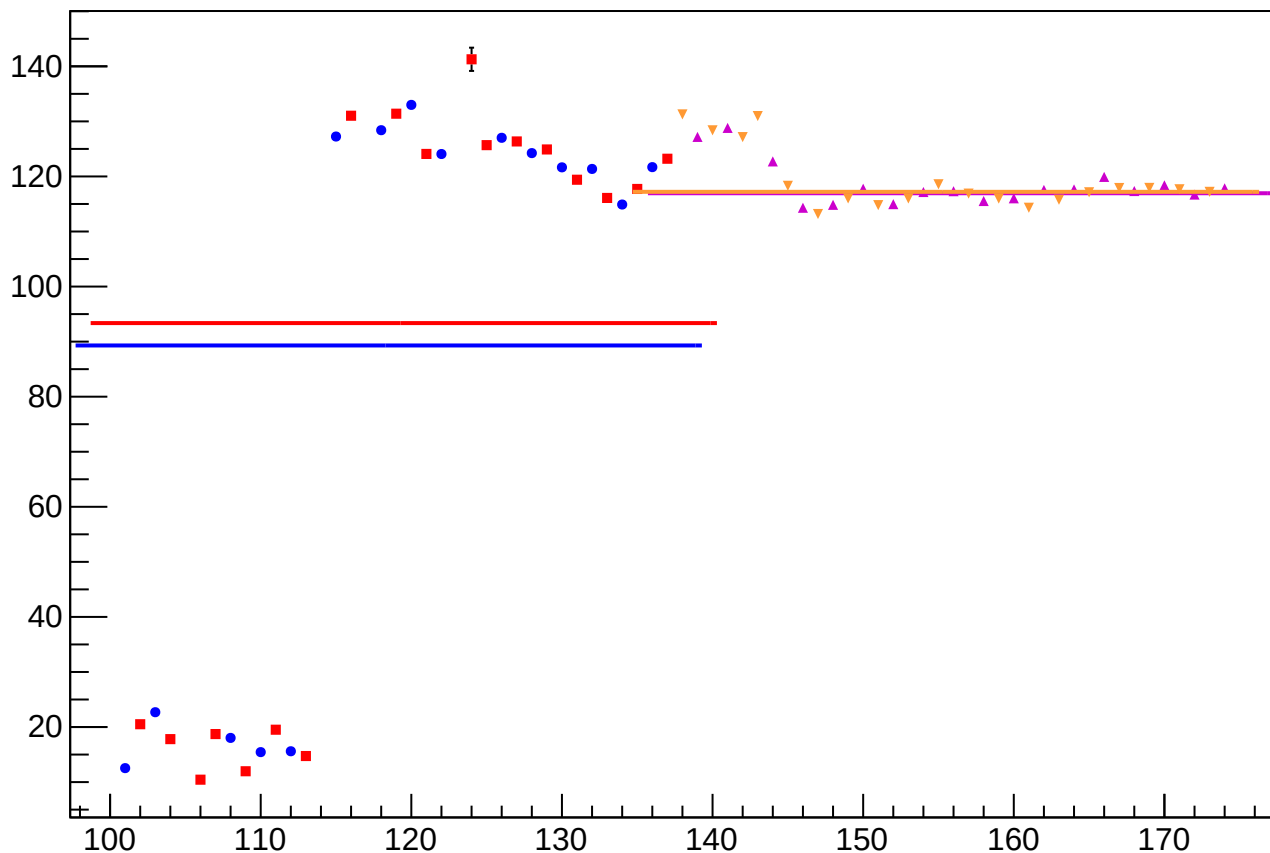
Right: 35.041 ± 0.007 χ^2/NDF : 508429.6/32

In: 32.417 ± 0.003 χ^2/NDF : 352490.6/32

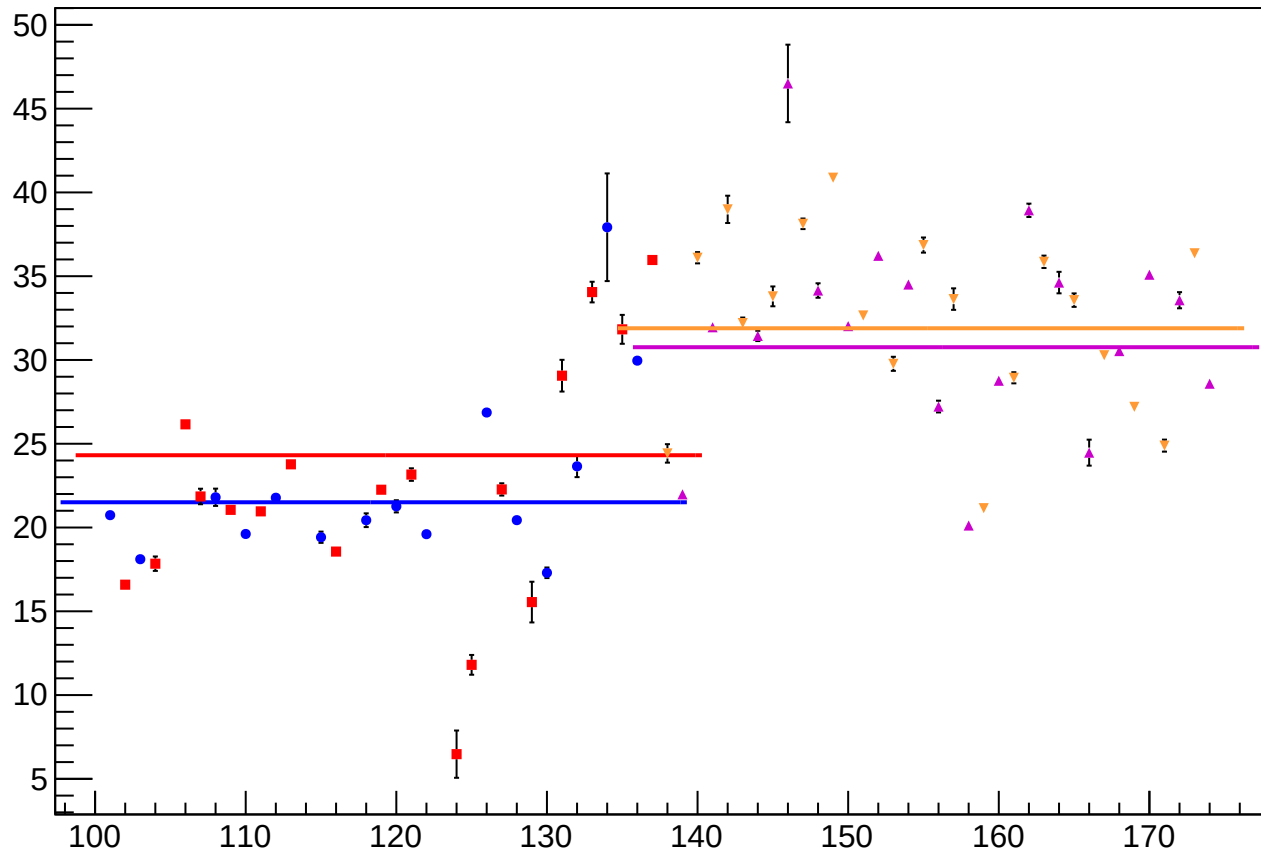
Out: 32.205 ± 0.003 χ^2/NDF : 394210.8/36

All: 32.302 ± 0.002 χ^2/NDF : 748814.6/69

dit_sam5_4eY_slope vs Slug, Sign Corrected



dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.892 ± 0.076 $\chi^2/\text{NDF}: 4811.0/18$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 30.761 ± 0.065 $\chi^2/\text{NDF}: 5594.3/17$

Left: 31.234 ± 0.049 $\chi^2/\text{NDF}: 10532.9/36$

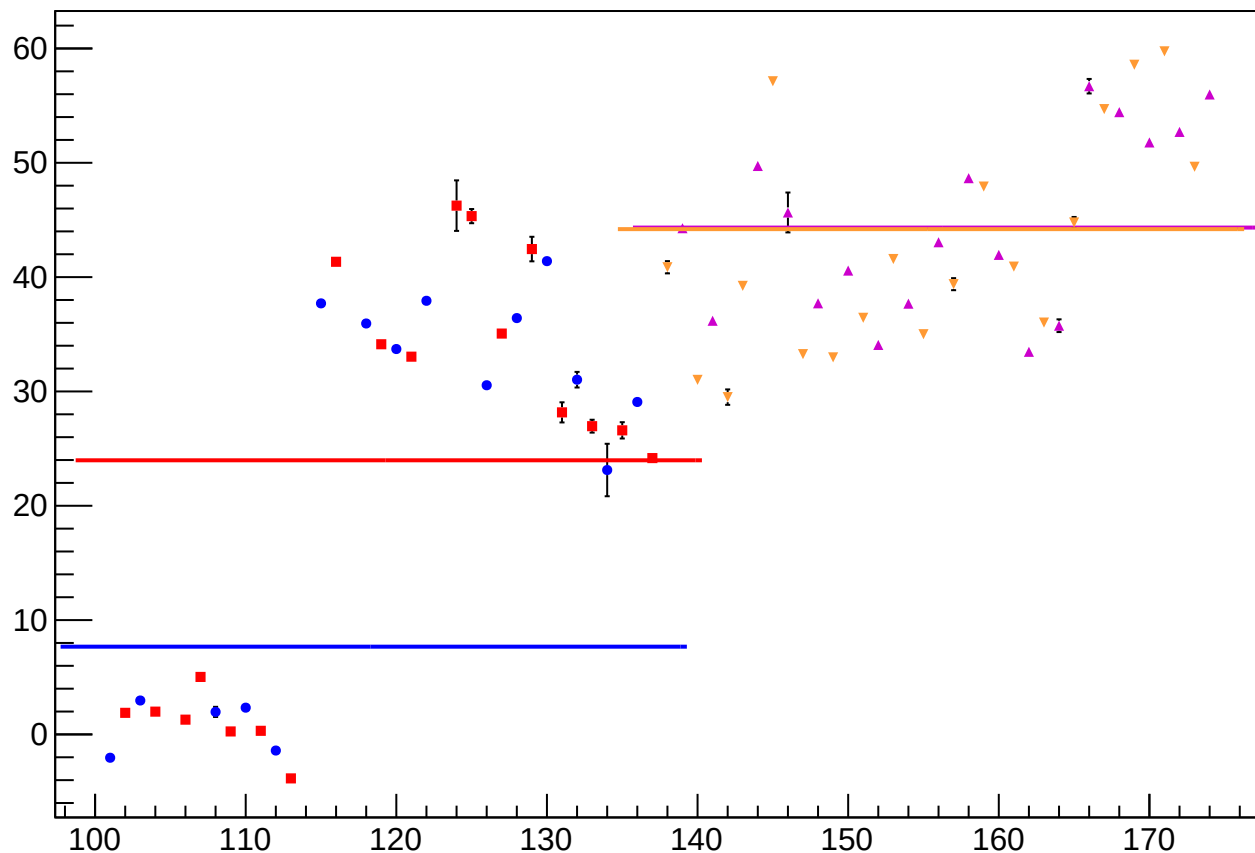
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 26.646 ± 0.048 $\chi^2/\text{NDF}: 17649.4/32$

Out: 27.115 ± 0.046 $\chi^2/\text{NDF}: 25315.8/36$

All: 26.889 ± 0.033 $\chi^2/\text{NDF}: 43014.3/69$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 44.198 ± 0.064 $\chi^2/\text{NDF}: 21446.5/18$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 44.334 ± 0.055 $\chi^2/\text{NDF}: 16235.2/17$

Left: 44.276 ± 0.041 $\chi^2/\text{NDF}: 37684.4/36$

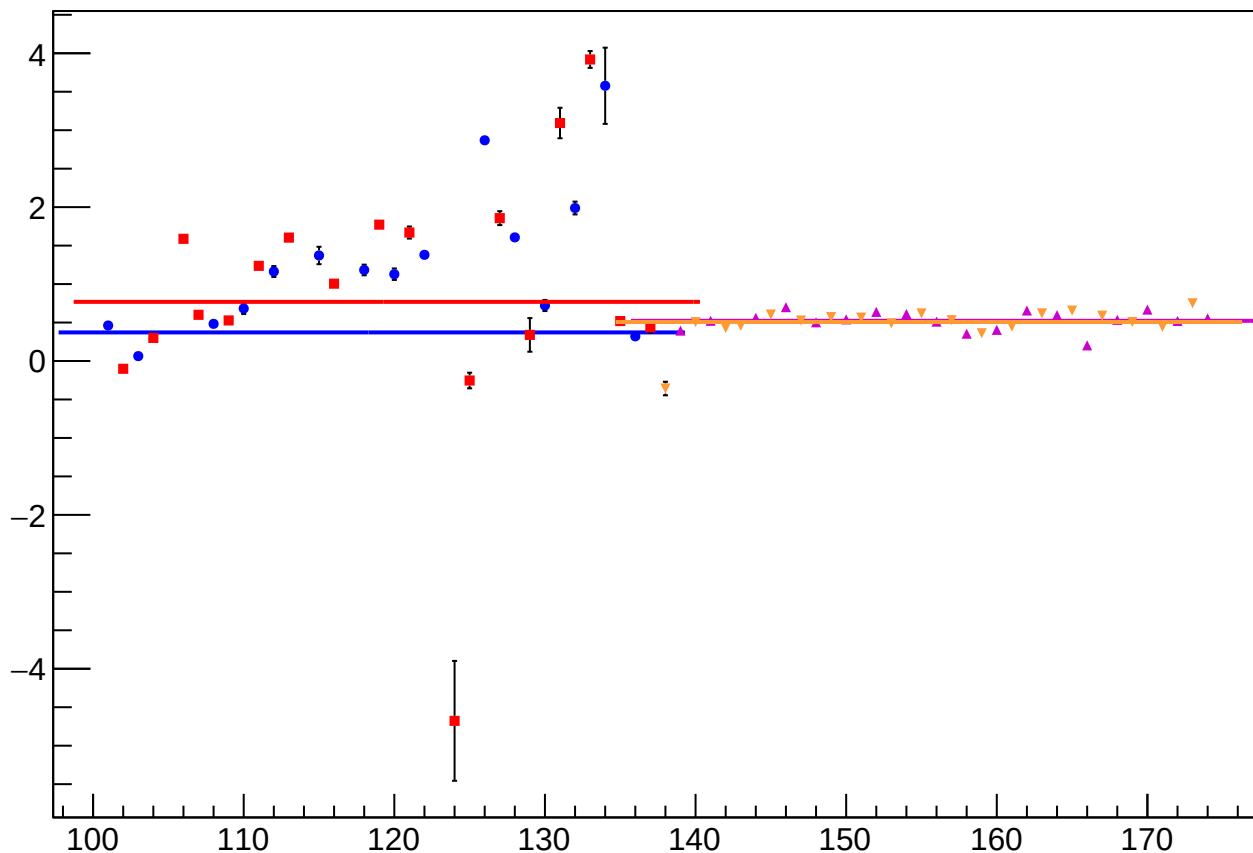
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 22.603 ± 0.035 $\chi^2/\text{NDF}: 380123.1/32$

Out: 24.306 ± 0.008 $\chi^2/\text{NDF}: 231318.4/36$

All: 24.218 ± 0.008 $\chi^2/\text{NDF}: 613708.5/69$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 $\chi^2/\text{NDF}: 4748.7/14$

Left Out: 0.507 ± 0.001 $\chi^2/\text{NDF}: 12155.4/18$

Right Out: 0.769 ± 0.007 $\chi^2/\text{NDF}: 4137.5/17$

Left In: 0.522 ± 0.001 $\chi^2/\text{NDF}: 10578.6/17$

Left: 0.515 ± 0.001 $\chi^2/\text{NDF}: 22844.0/36$

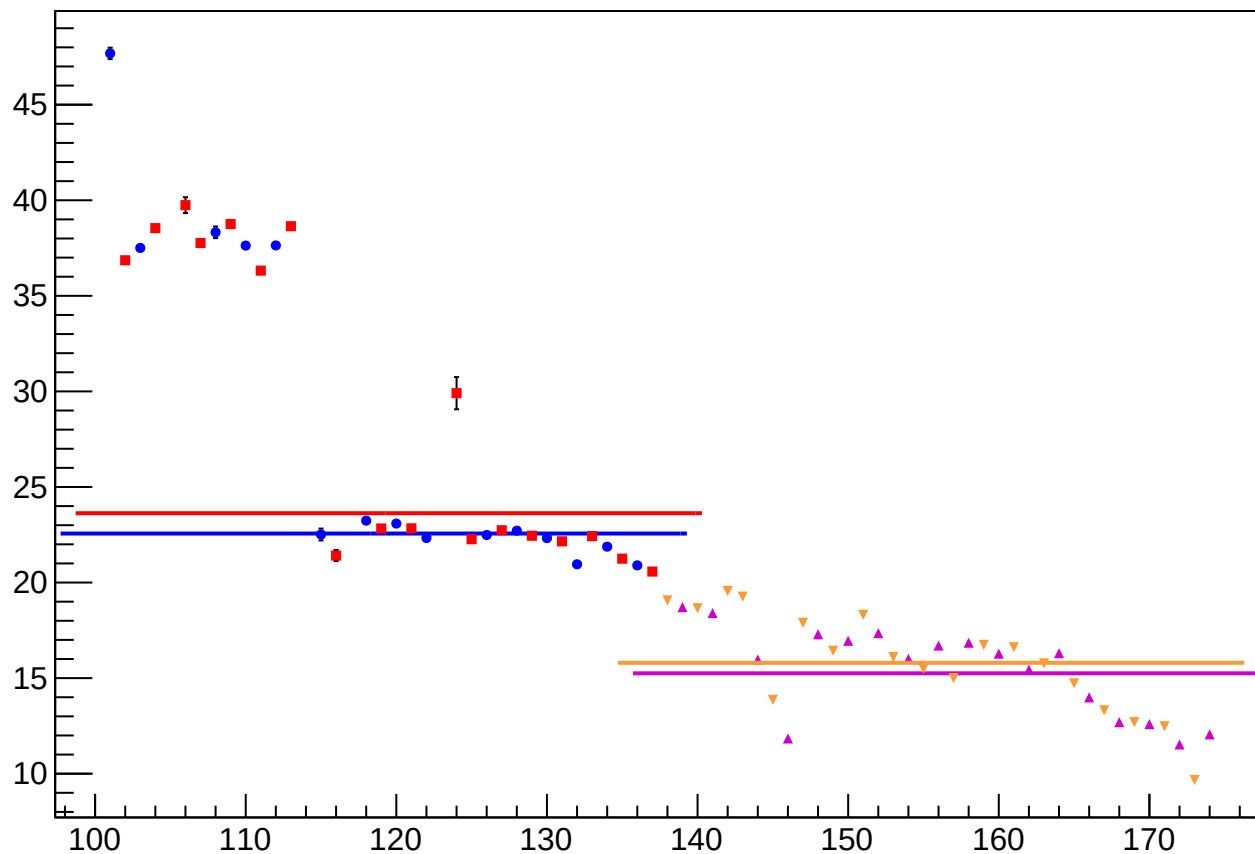
Right: 0.484 ± 0.004 $\chi^2/\text{NDF}: 11237.9/32$

In: 0.515 ± 0.001 $\chi^2/\text{NDF}: 16461.3/32$

Out: 0.513 ± 0.001 $\chi^2/\text{NDF}: 17686.7/36$

All: 0.514 ± 0.001 $\chi^2/\text{NDF}: 34149.1/69$

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 15.802+/-0.006 χ^2/NDF : 169063.6/18

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 15.251+/-0.006 χ^2/NDF : 127363.6/17

Left: 15.540+/-0.004 χ^2/NDF : 300399.3/36

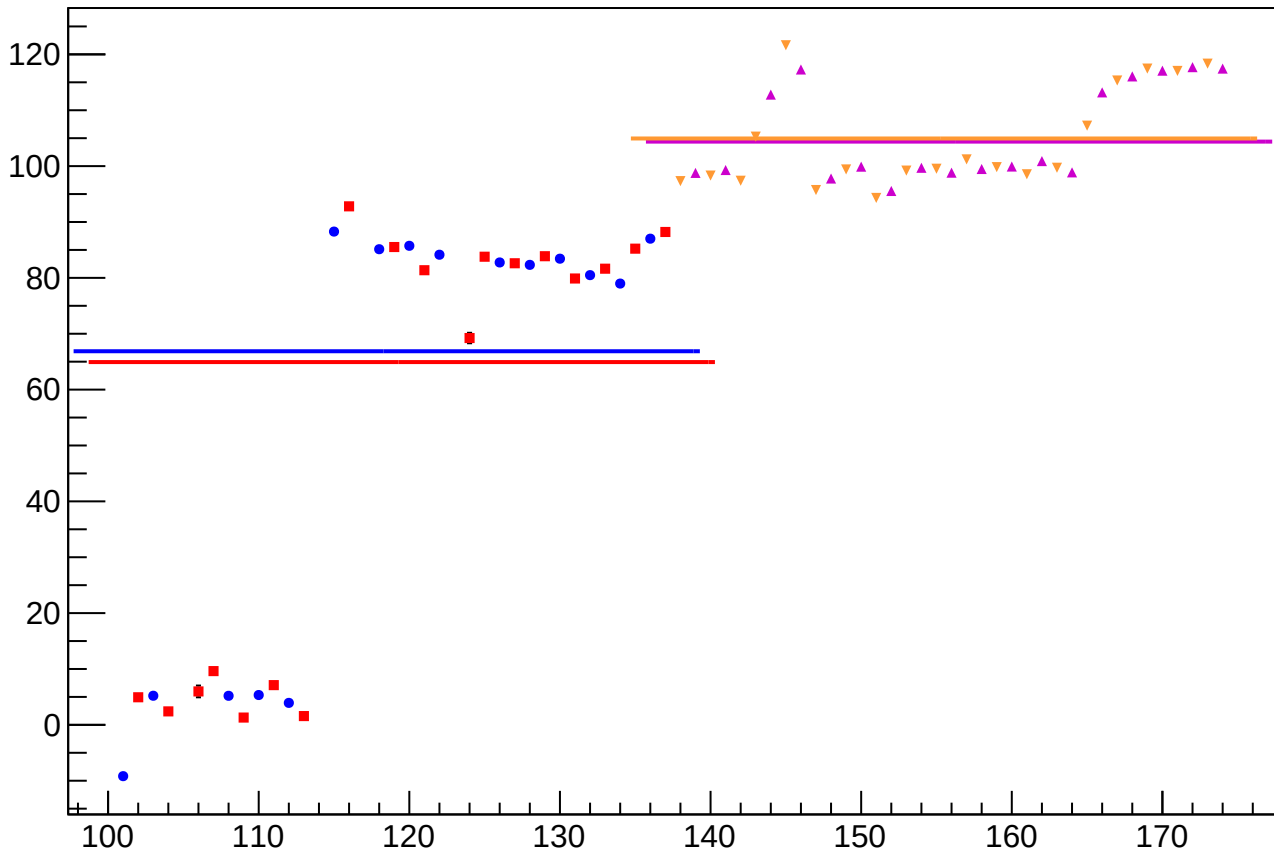
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 17.290+/-0.005 χ^2/NDF : 593000.1/32

Out: 17.553+/-0.005 χ^2/NDF : 669730.7/36

All: 17.423+/-0.004 χ^2/NDF : 1263944.4/69

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14

Left Out: 104.946+/-0.011 χ^2/NDF : 595790.5/18

Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17

Left In: 104.387+/-0.011 χ^2/NDF : 528538.6/17

Left: 104.664+/-0.008 χ^2/NDF : 1125585.2/36

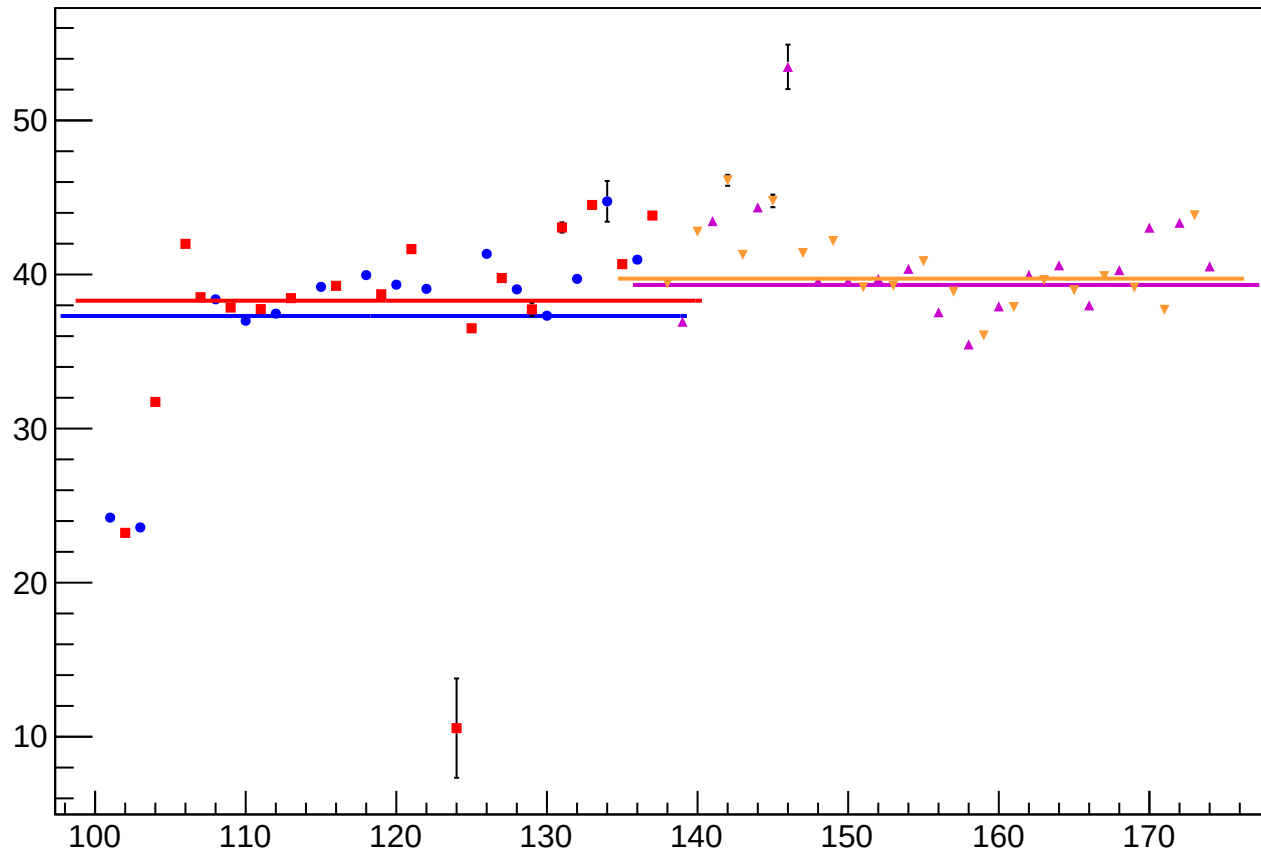
Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32

In: 98.984+/-0.010 χ^2/NDF : 3668468.4/32

Out: 99.971+/-0.010 χ^2/NDF : 3517127.1/36

All: 99.467+/-0.007 χ^2/NDF : 7190122.6/69

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.732 ± 0.032 $\chi^2/\text{NDF}: 5051.8/18$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.322 ± 0.025 $\chi^2/\text{NDF}: 7579.0/17$

Left: 39.483 ± 0.020 $\chi^2/\text{NDF}: 12733.6/36$

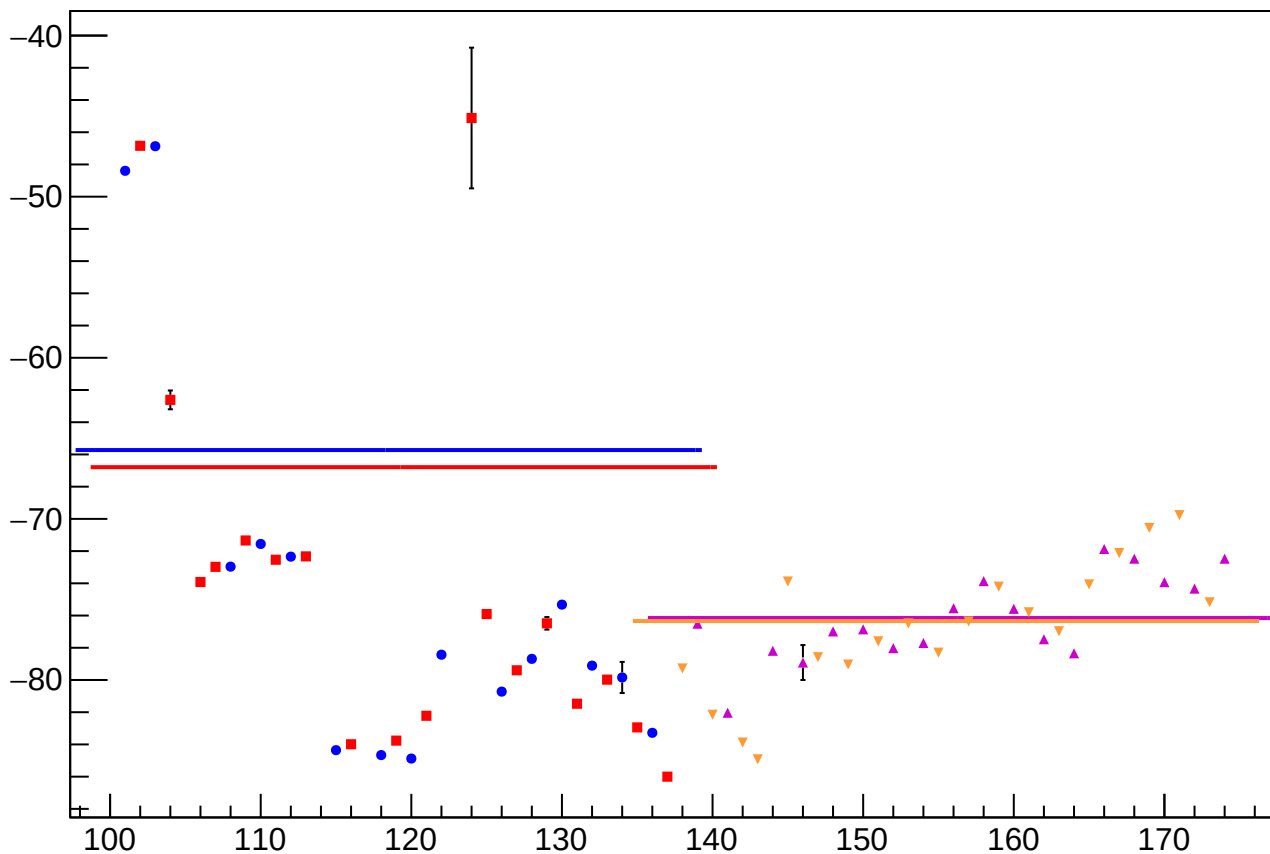
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.219 ± 0.017 $\chi^2/\text{NDF}: 70602.7/32$

Out: 38.726 ± 0.017 $\chi^2/\text{NDF}: 25343.0/36$

All: 38.471 ± 0.012 $\chi^2/\text{NDF}: 96384.1/69$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 $\pm$ 0.017 χ^2 /NDF: 903051.8/14

Left Out: -76.342 $\pm$ 0.026 χ^2 /NDF:21717.9/18

Right Out: -66.788 $\pm$ 0.016 χ^2 /NDF: 809356.5/17

Left In: -76.154 $\pm$ 0.021 χ^2 /NDF:10074.9/17

Left: -76.226 $\pm$ 0.016 χ^2 /NDF: 31825.0/36

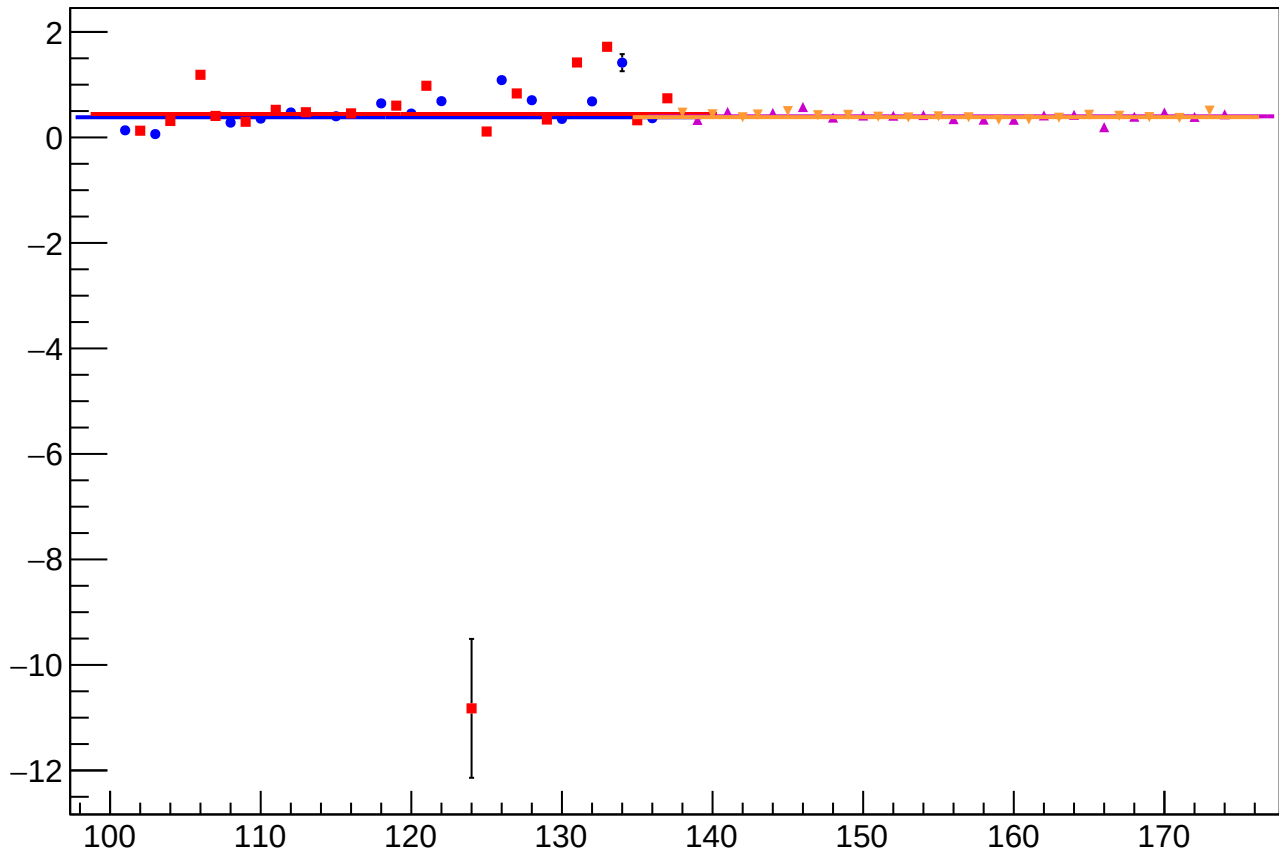
Right: -66.292 $\pm$ 0.012 χ^2 /NDF: 1714516.0/32

In: -69.908 $\pm$ 0.013 χ^2 /NDF:1066636.1/32

Out: -69.368 $\pm$ 0.014 χ^2 /NDF:929719.9/36

All: -69.647 $\pm$ 0.009 χ^2 /NDF: 1997182.7/69

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.385 $\pm$ 0.000 χ^2 /NDF:8962.5/18

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.400 $\pm$ 0.000 χ^2 /NDF:8007.7/17

Left: 0.392 $\pm$ 0.000 χ^2 /NDF: 17469.6/36

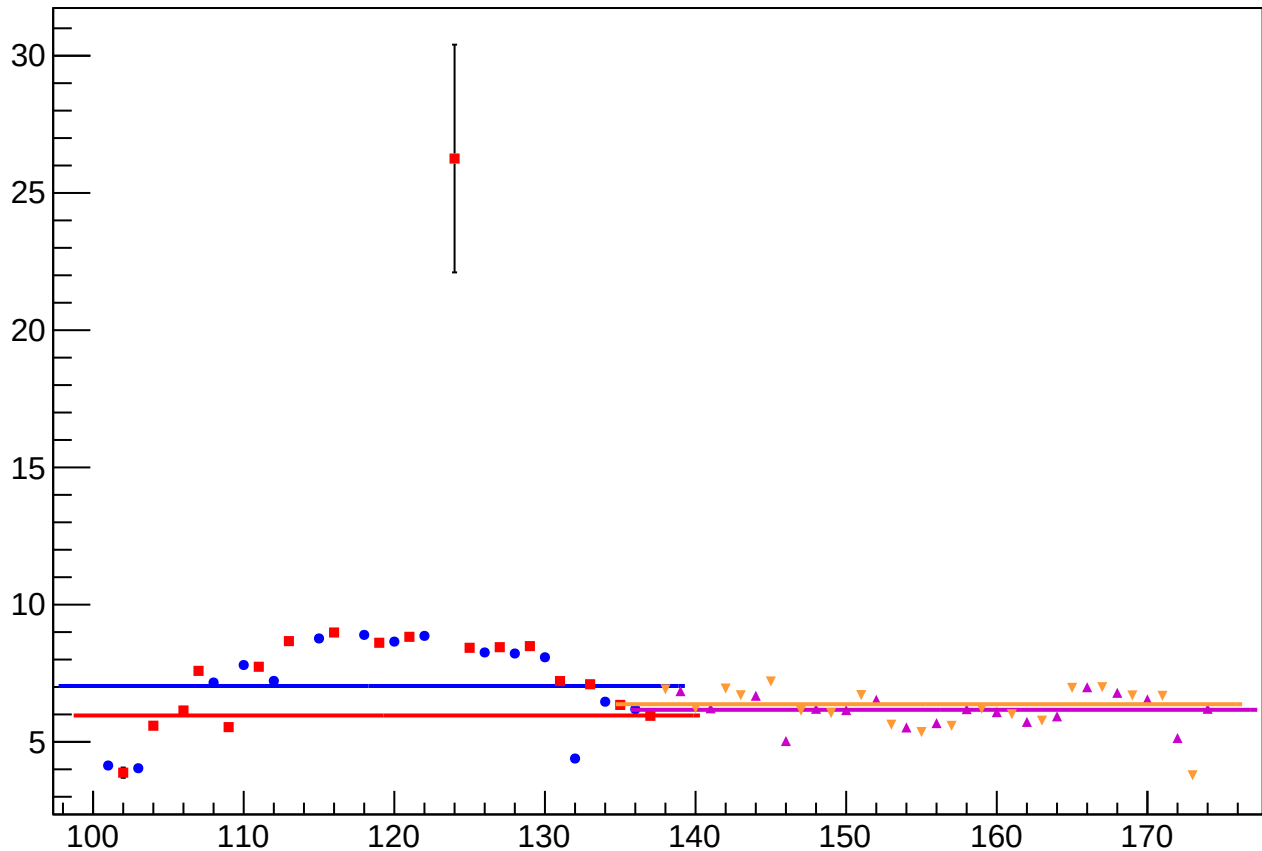
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.399 $\pm$ 0.000 χ^2 /NDF:16262.0/32

Out: 0.386 $\pm$ 0.000 χ^2 /NDF:12008.2/36

All: 0.393 $\pm$ 0.000 χ^2 /NDF: 28655.5/69

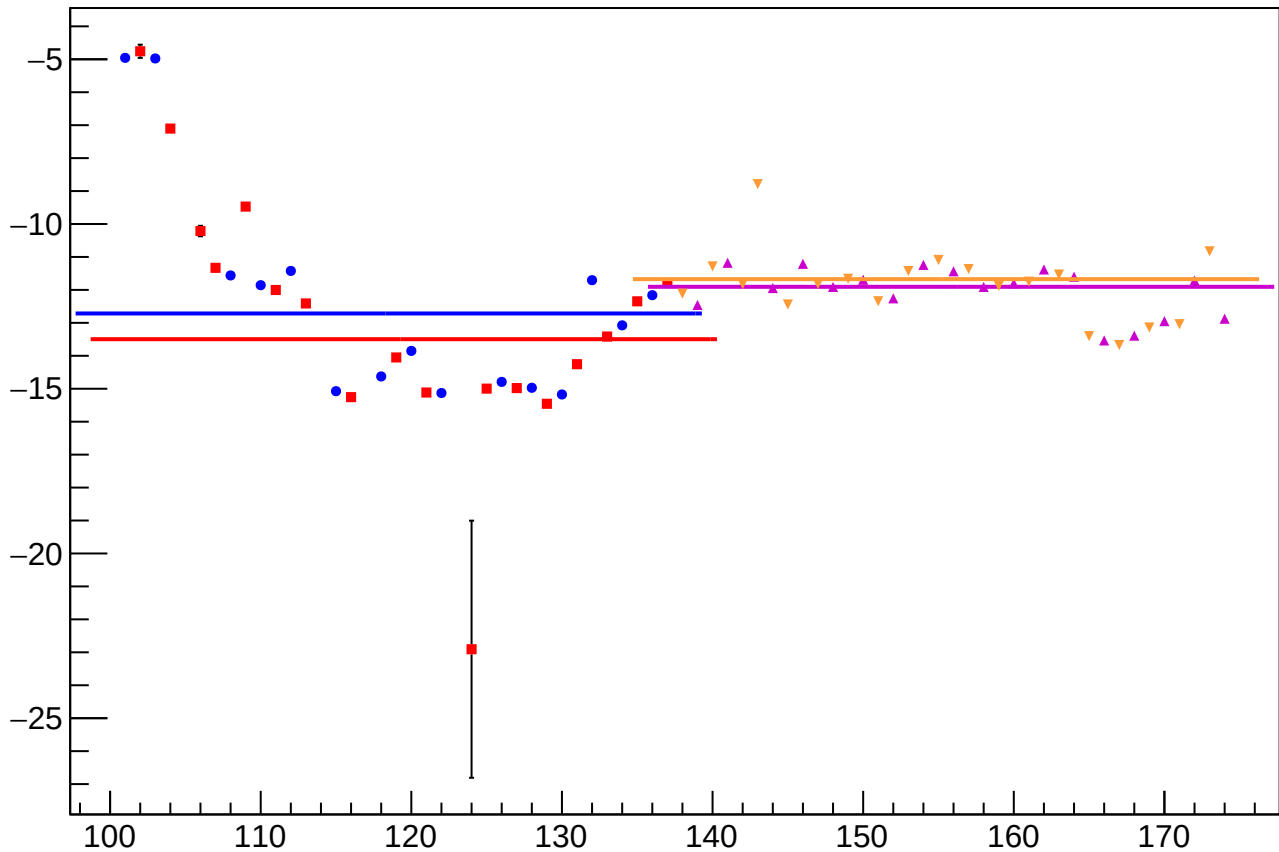
dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 $\chi^2/\text{NDF}: 69905.1/14$
 Left Out: 6.372 ± 0.002 $\chi^2/\text{NDF}: 68313.1/18$
 Right Out: 5.962 ± 0.000 $\chi^2/\text{NDF}: 168372.8/17$
 Left In: 6.168 ± 0.002 $\chi^2/\text{NDF}: 45250.1/17$

Left: 6.264 ± 0.001 $\chi^2/\text{NDF}: 121612.5/36$
 Right: 5.970 ± 0.000 $\chi^2/\text{NDF}: 294275.6/32$
 In: 6.260 ± 0.001 $\chi^2/\text{NDF}: 148083.0/32$
 Out: 5.985 ± 0.000 $\chi^2/\text{NDF}: 294745.9/36$
 All: 6.004 ± 0.000 $\chi^2/\text{NDF}: 475380.7/69$

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.674 ± 0.002 χ^2/NDF : 334021.3/18

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.906 ± 0.002 χ^2/NDF : 63449.4/17

Left: -11.793 ± 0.002 χ^2/NDF : 403016.2/36

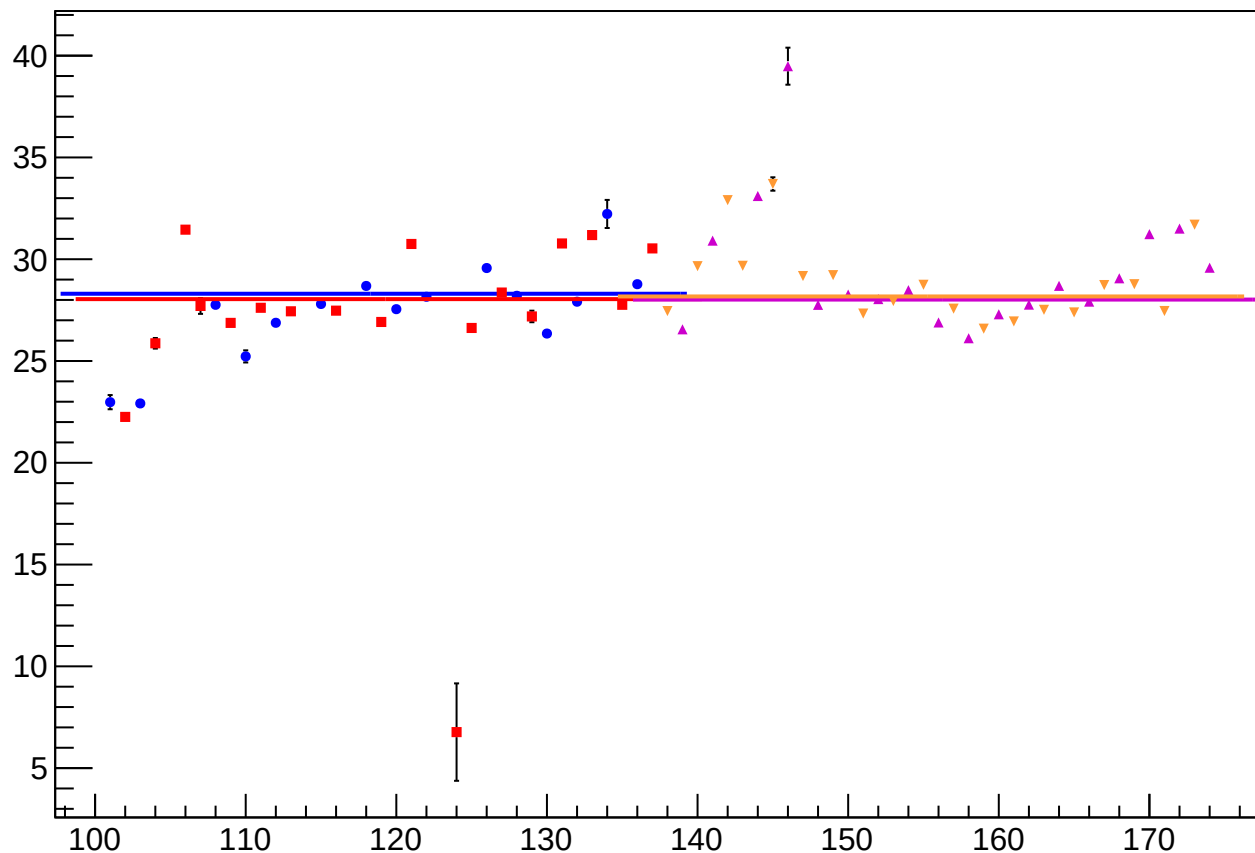
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.990 ± 0.002 χ^2/NDF : 163094.7/32

Out: -11.910 ± 0.002 χ^2/NDF : 475371.5/36

All: -11.951 ± 0.001 χ^2/NDF : 639220.7/69

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.171 ± 0.019 $\chi^2/\text{NDF}: 5617.9/18$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.018 ± 0.016 $\chi^2/\text{NDF}: 7786.5/17$

Left: 28.080 ± 0.012 $\chi^2/\text{NDF}: 13442.9/36$

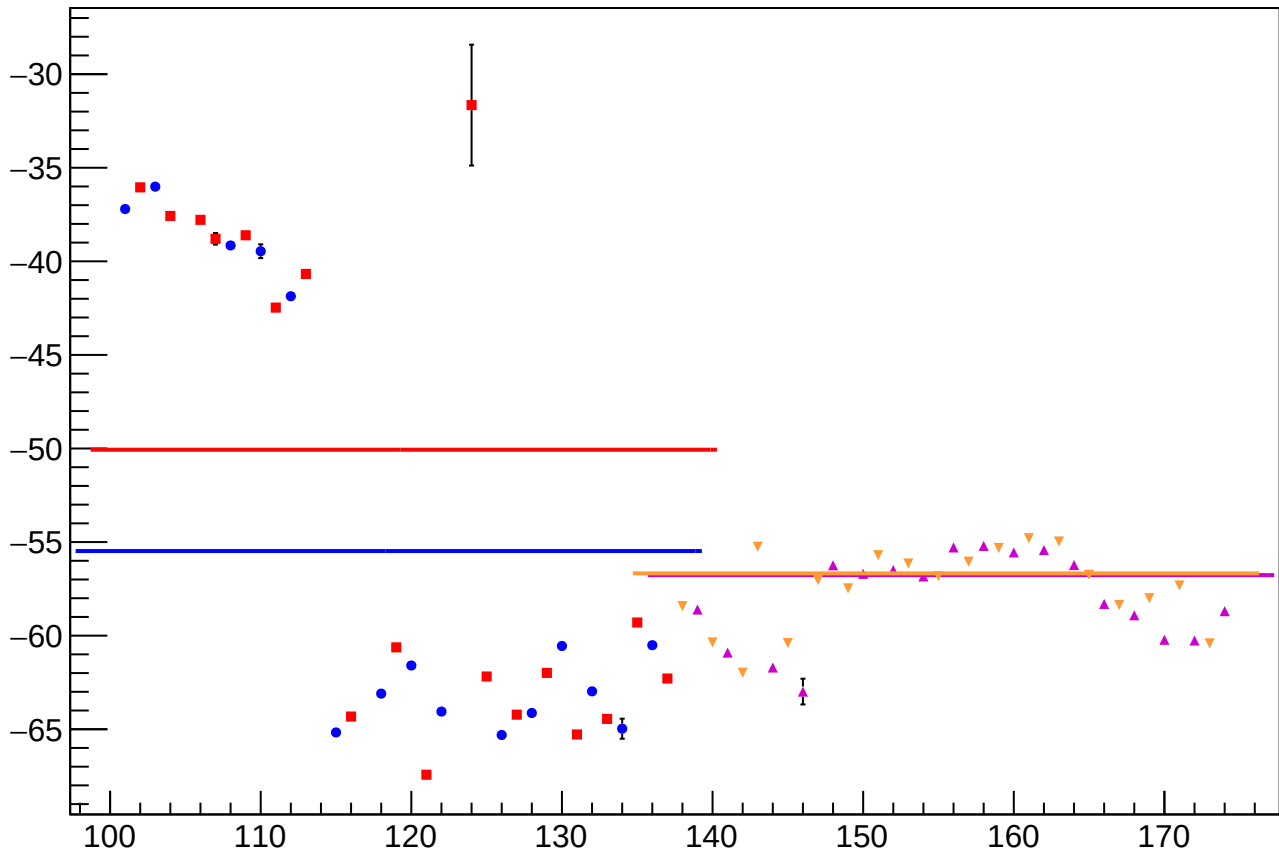
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.108 ± 0.013 $\chi^2/\text{NDF}: 11291.7/32$

Out: 28.134 ± 0.016 $\chi^2/\text{NDF}: 8192.8/36$

All: 28.118 ± 0.010 $\chi^2/\text{NDF}: 19485.9/69$

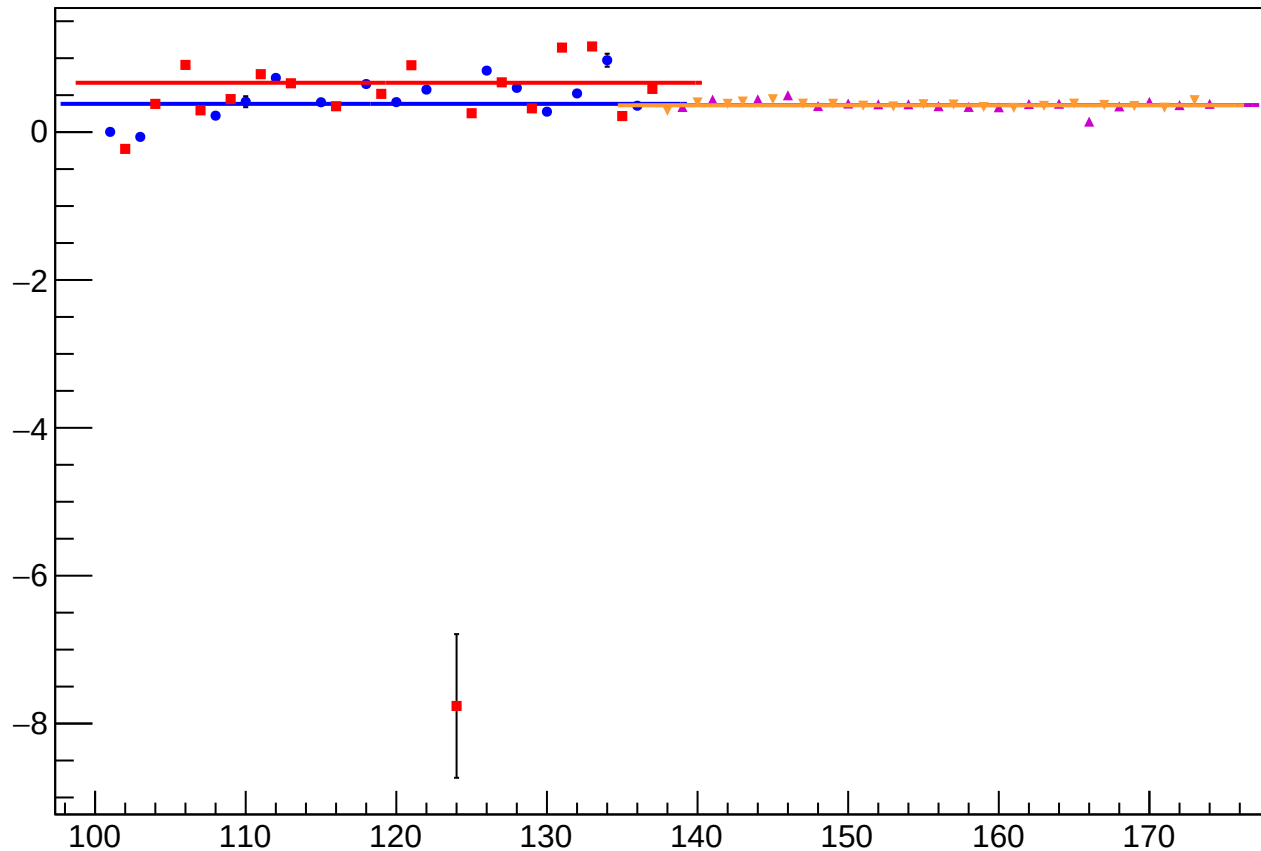
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14
 Left Out: -56.673 $\pm$ 0.016 χ^2 /NDF:12022.7/18
 Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17
 Left In: -56.765 $\pm$ 0.013 χ^2 /NDF:13680.2/17

Left: -56.727 $\pm$ 0.010 χ^2 /NDF: 25722.4/36
 Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32
 In: -56.260 $\pm$ 0.010 χ^2 /NDF:612476.2/32
 Out: -54.546 $\pm$ 0.013 χ^2 /NDF:407484.3/36
 All: -55.600 $\pm$ 0.008 χ^2 /NDF: 1030457.5/69

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.363 ± 0.000 $\chi^2/\text{NDF}: 7731.7/18$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 5800.7/17$

Left: 0.365 ± 0.000 $\chi^2/\text{NDF}: 13581.0/36$

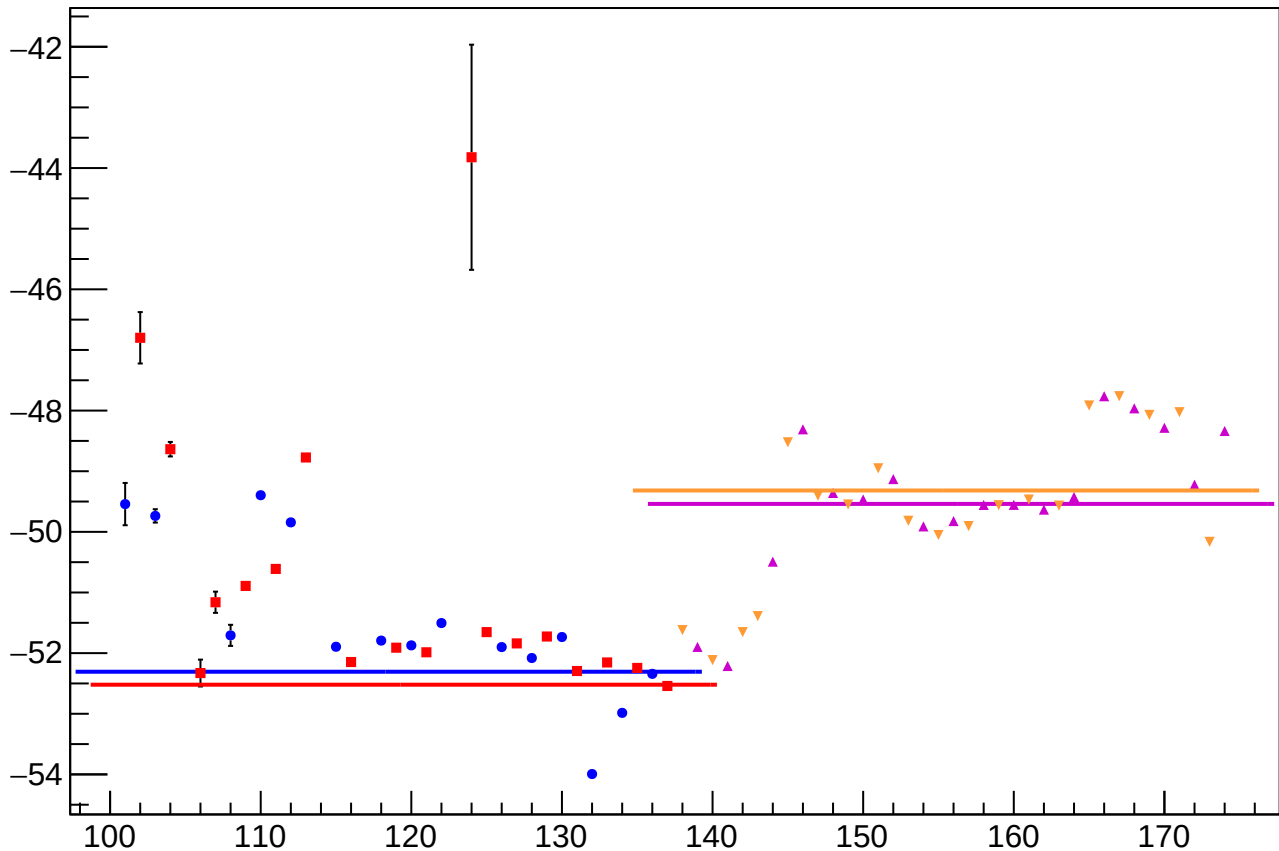
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.367 ± 0.000 $\chi^2/\text{NDF}: 10490.7/32$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 15785.4/36$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 26300.0/69$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 $\pm$ 0.004 χ^2 /NDF: 25427.4/14

Left Out: -49.318 $\pm$ 0.001 χ^2 /NDF: 501070.6/18

Right Out: -52.521 $\pm$ 0.001 χ^2 /NDF: 14961.7/17

Left In: -49.539 $\pm$ 0.001 χ^2 /NDF: 414775.3/17

Left: -49.428 $\pm$ 0.001 χ^2 /NDF: 927468.3/36

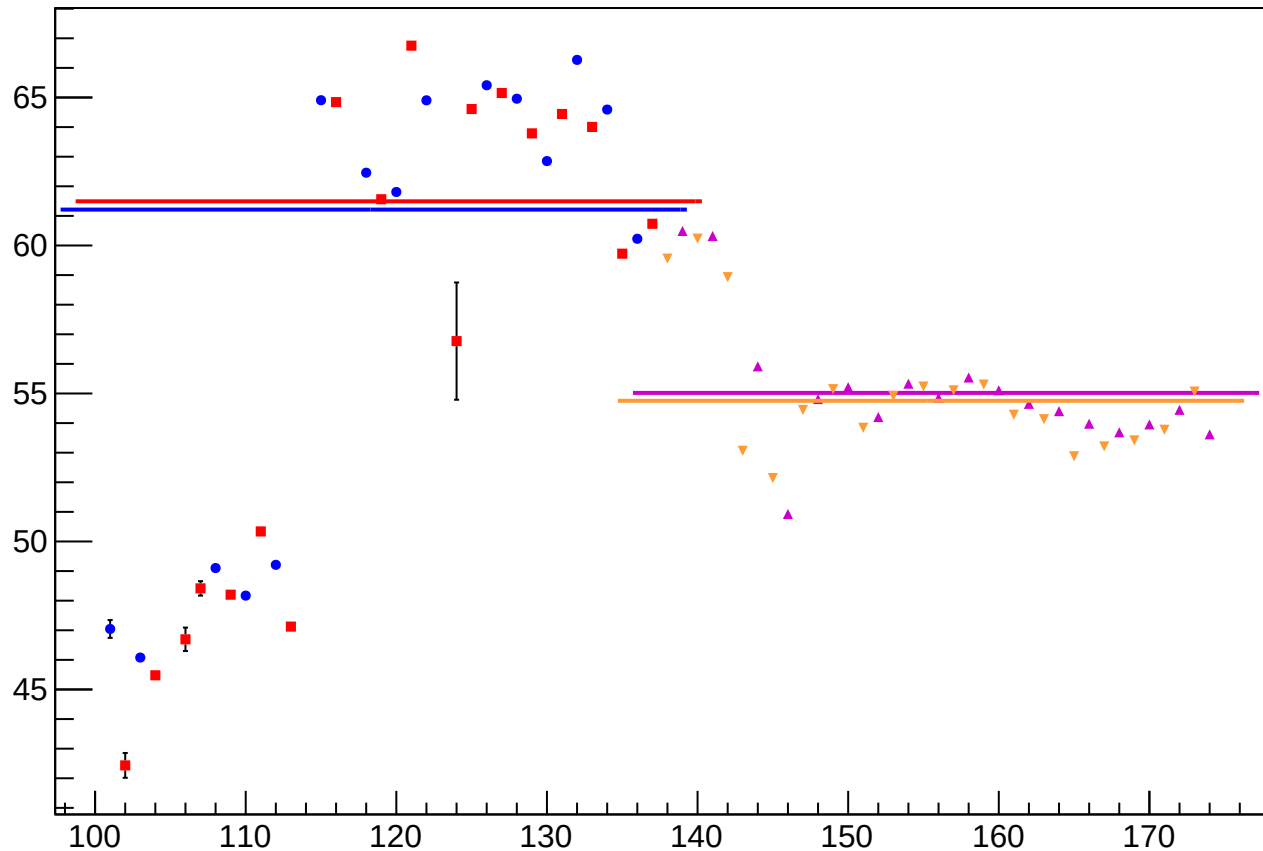
Right: -52.505 $\pm$ 0.001 χ^2 /NDF: 43203.2/32

In: -49.879 $\pm$ 0.001 χ^2 /NDF: 886327.9/32

Out: -51.345 $\pm$ 0.001 χ^2 /NDF: 3609589.0/36

All: -50.914 $\pm$ 0.001 χ^2 /NDF: 5315815.4/69

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.754 ± 0.003 χ^2/NDF : 248043.1/18

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.020 ± 0.003 χ^2/NDF : 81474.2/17

Left: 54.901 ± 0.002 χ^2/NDF : 333326.9/36

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.504 ± 0.003 χ^2/NDF : 596833.7/32

Out: 56.004 ± 0.003 χ^2/NDF : 1311307.6/36

All: 55.744 ± 0.002 χ^2/NDF : 1923740.7/69

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

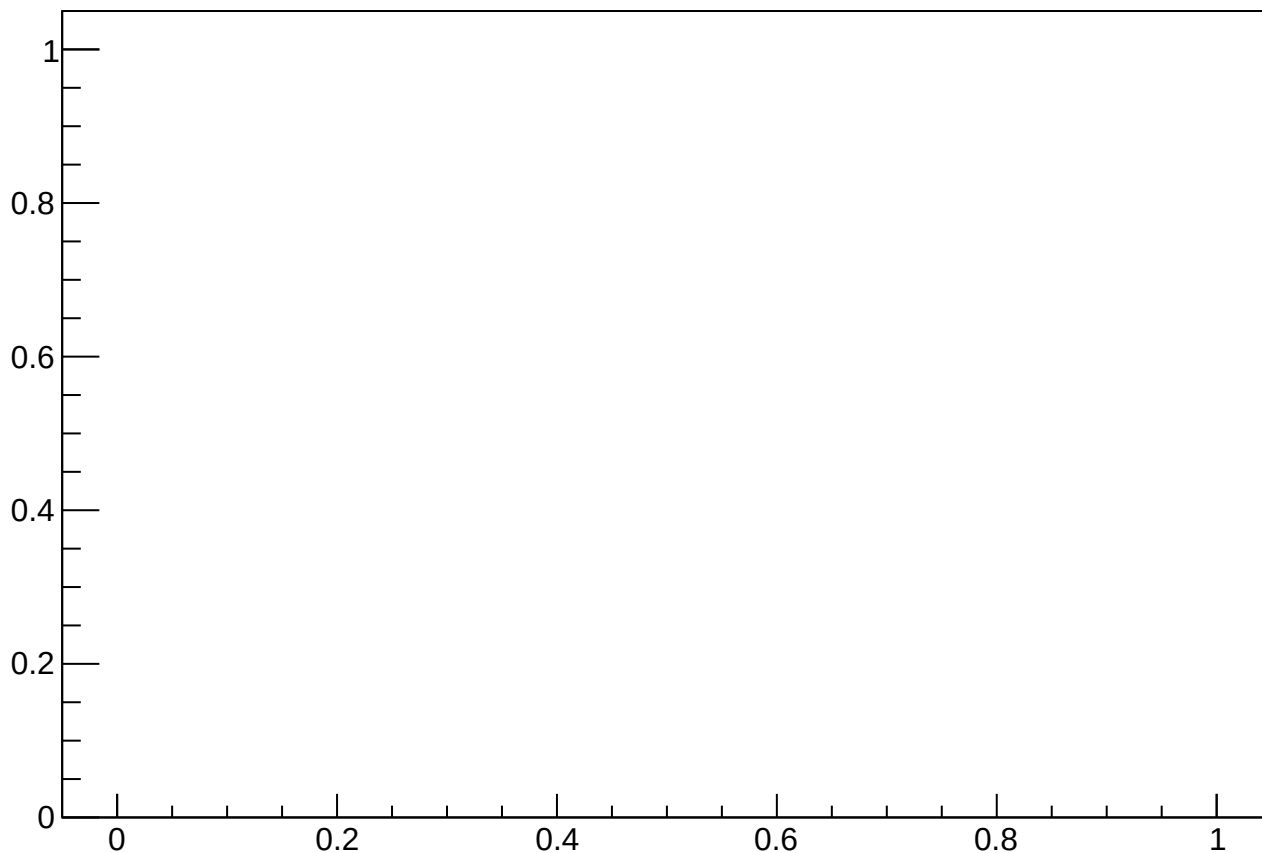
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

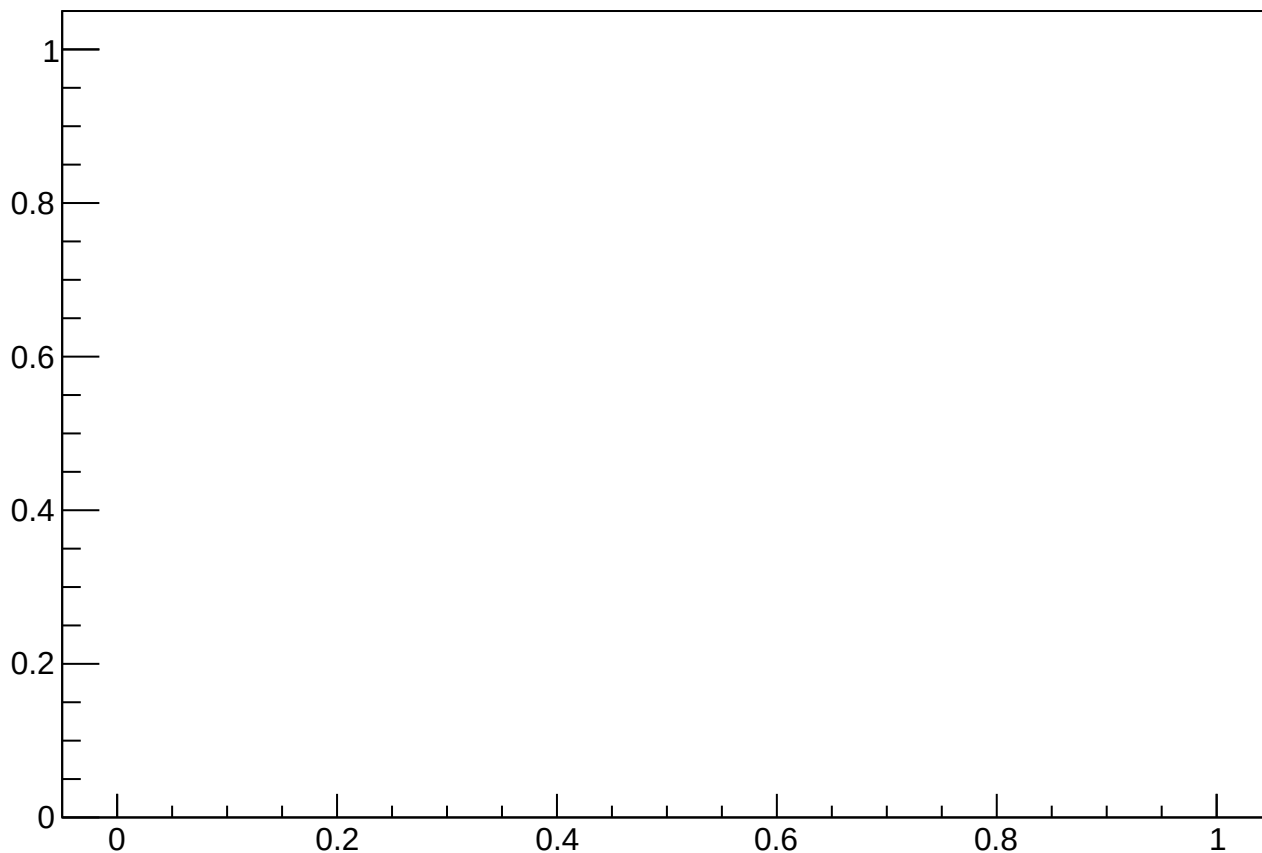
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_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

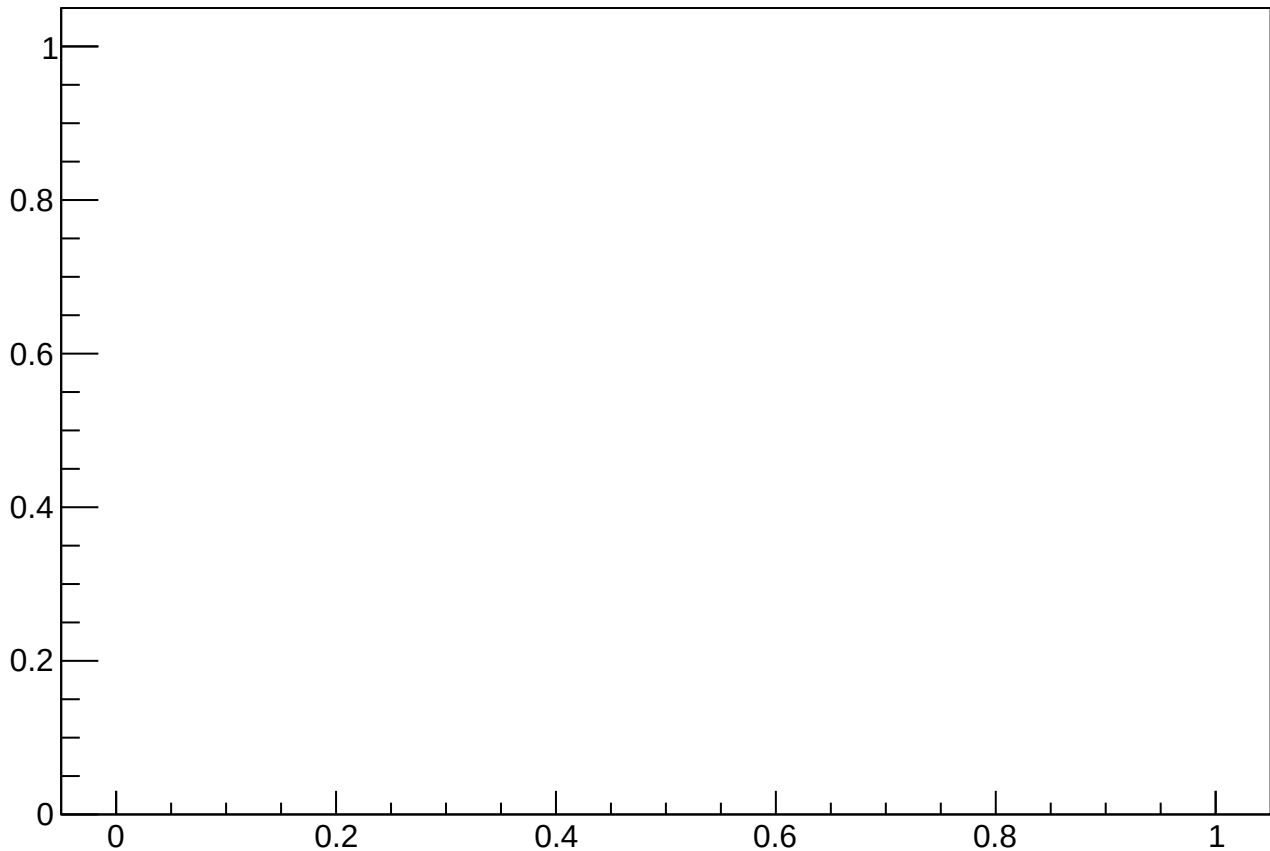
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

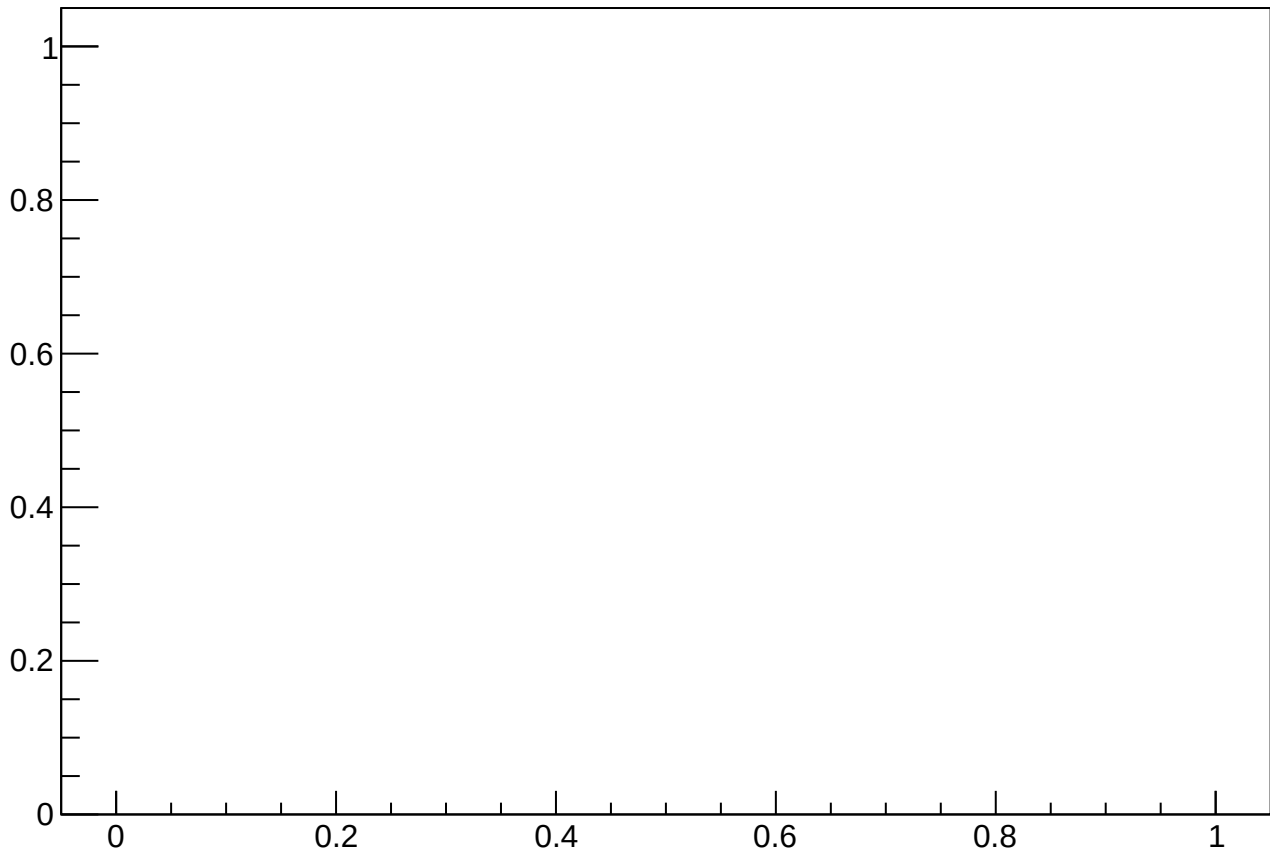
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

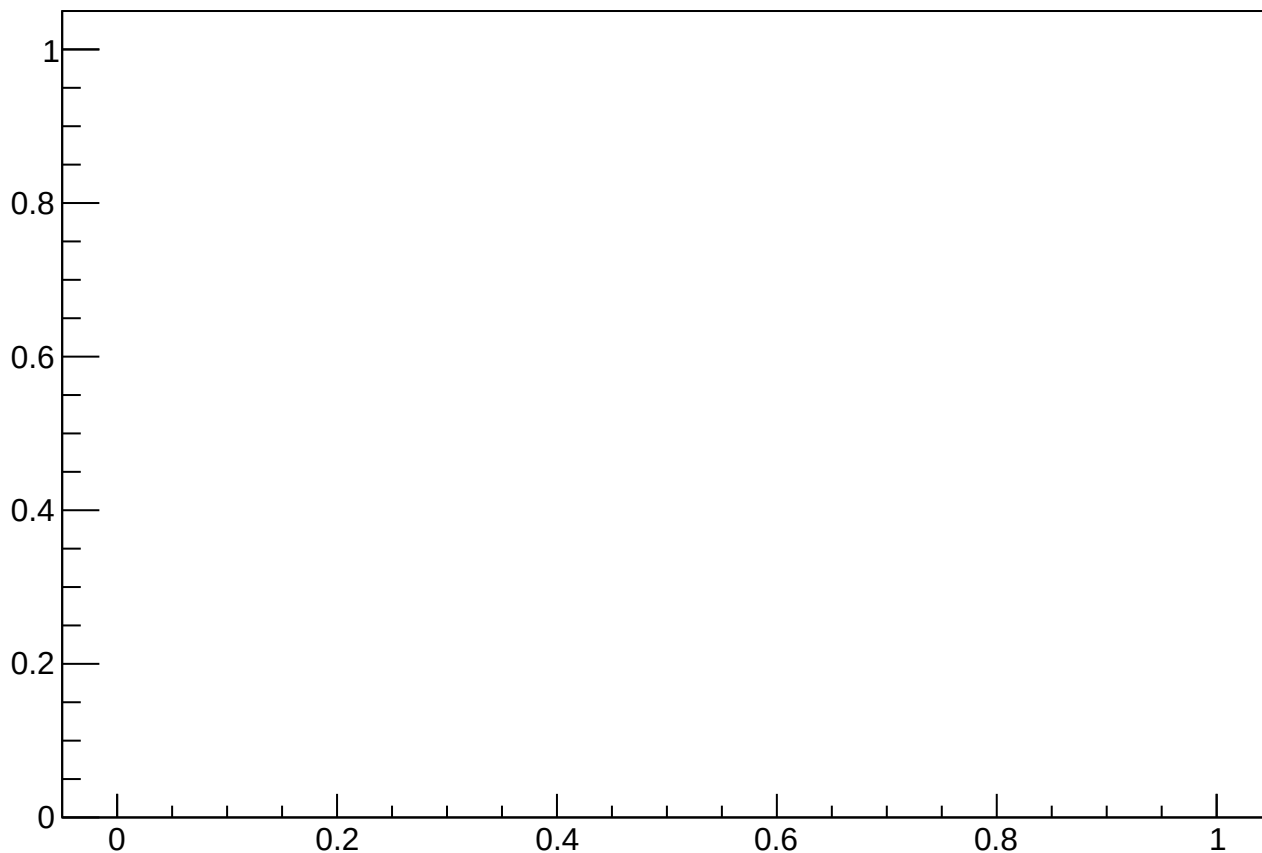
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

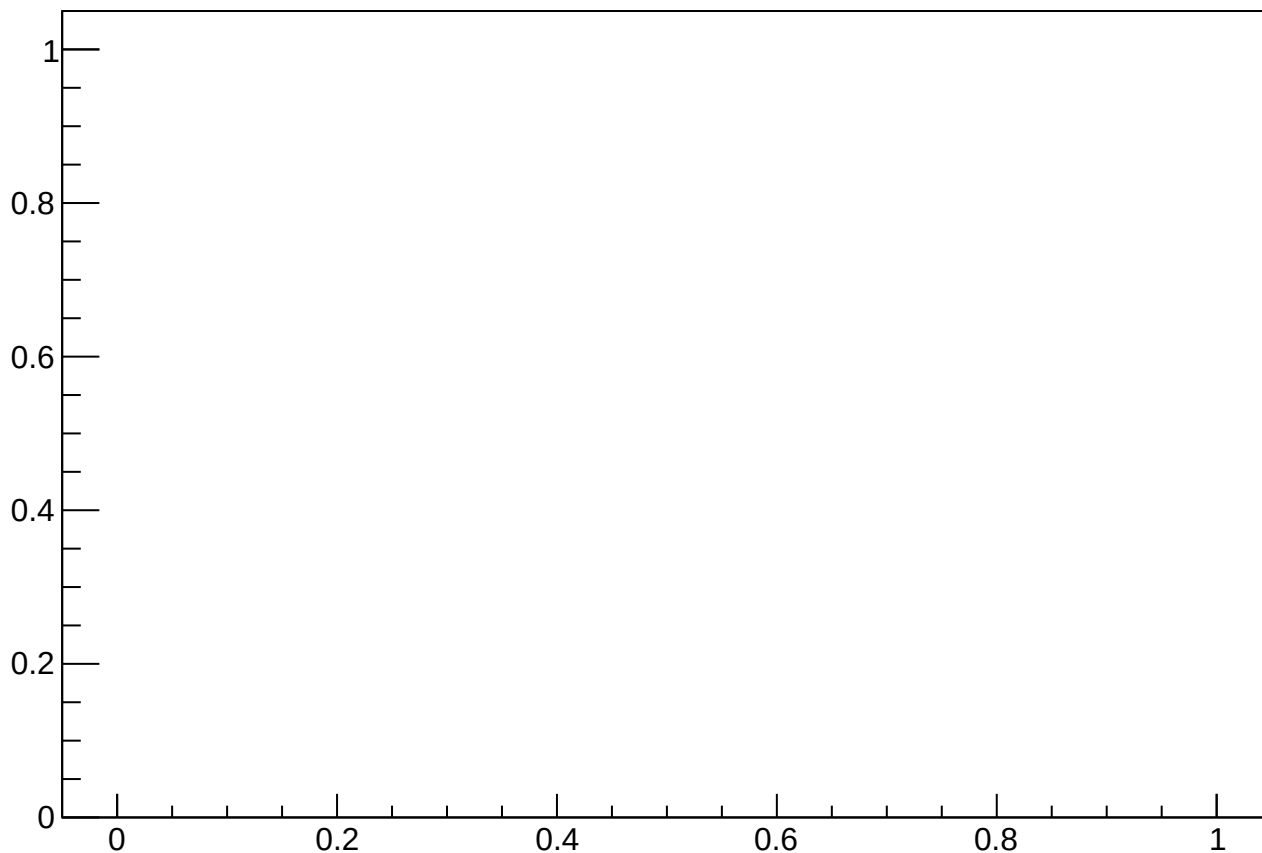
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

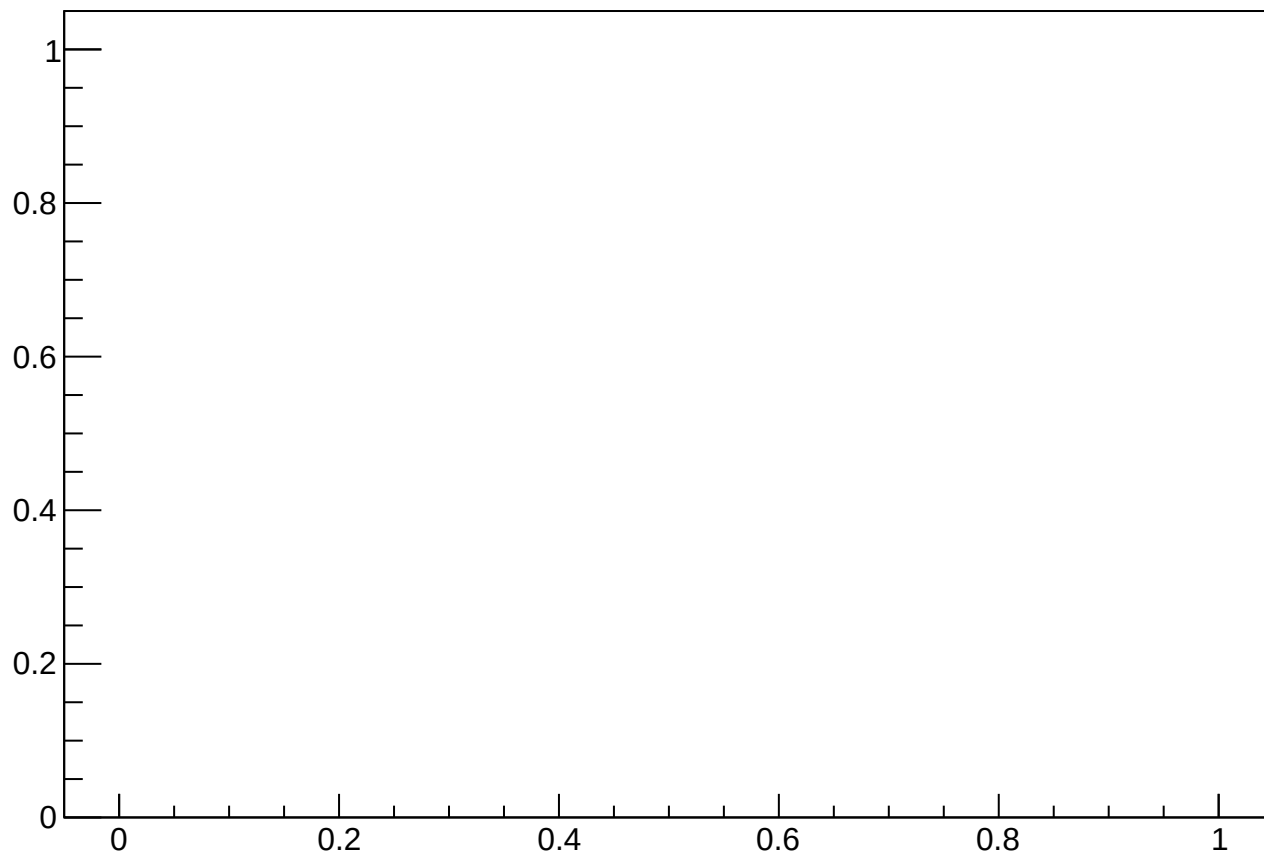
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

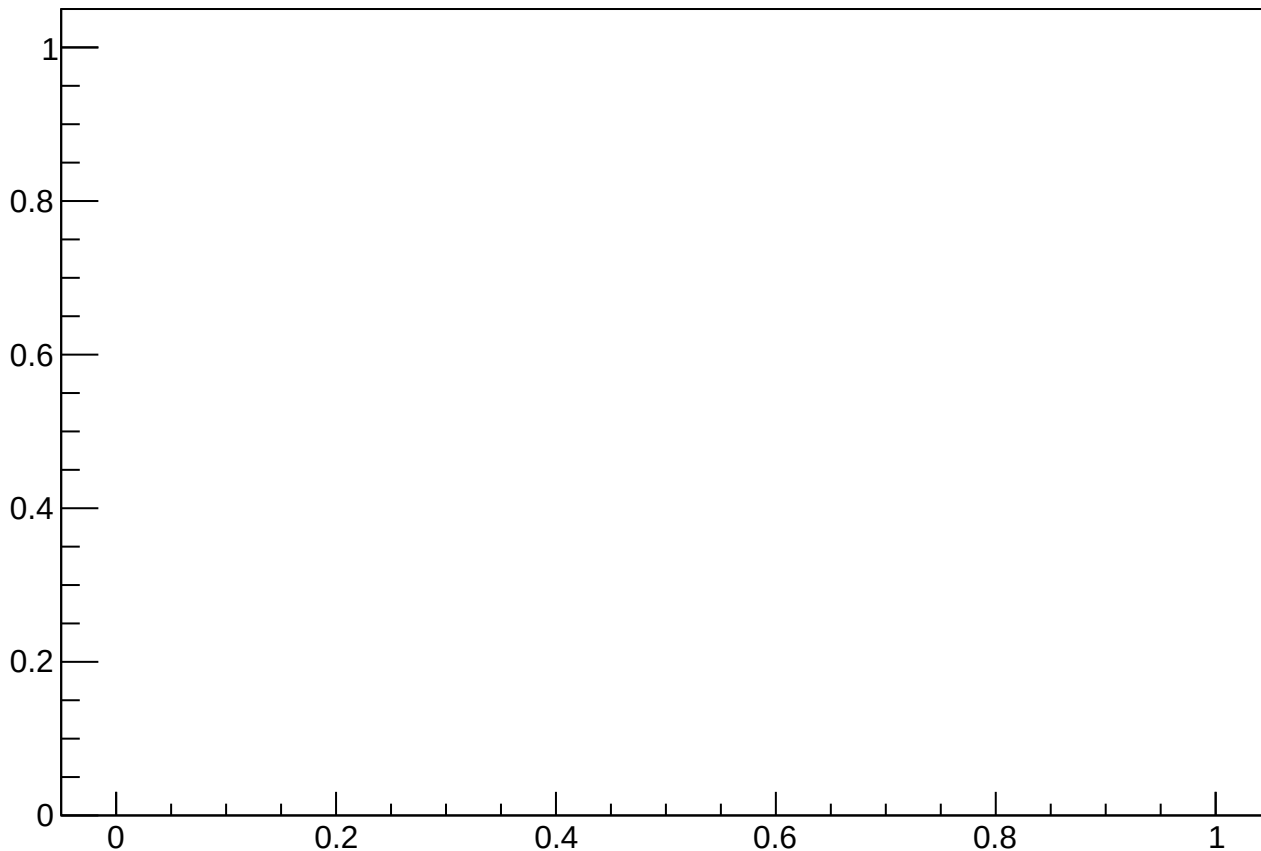
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

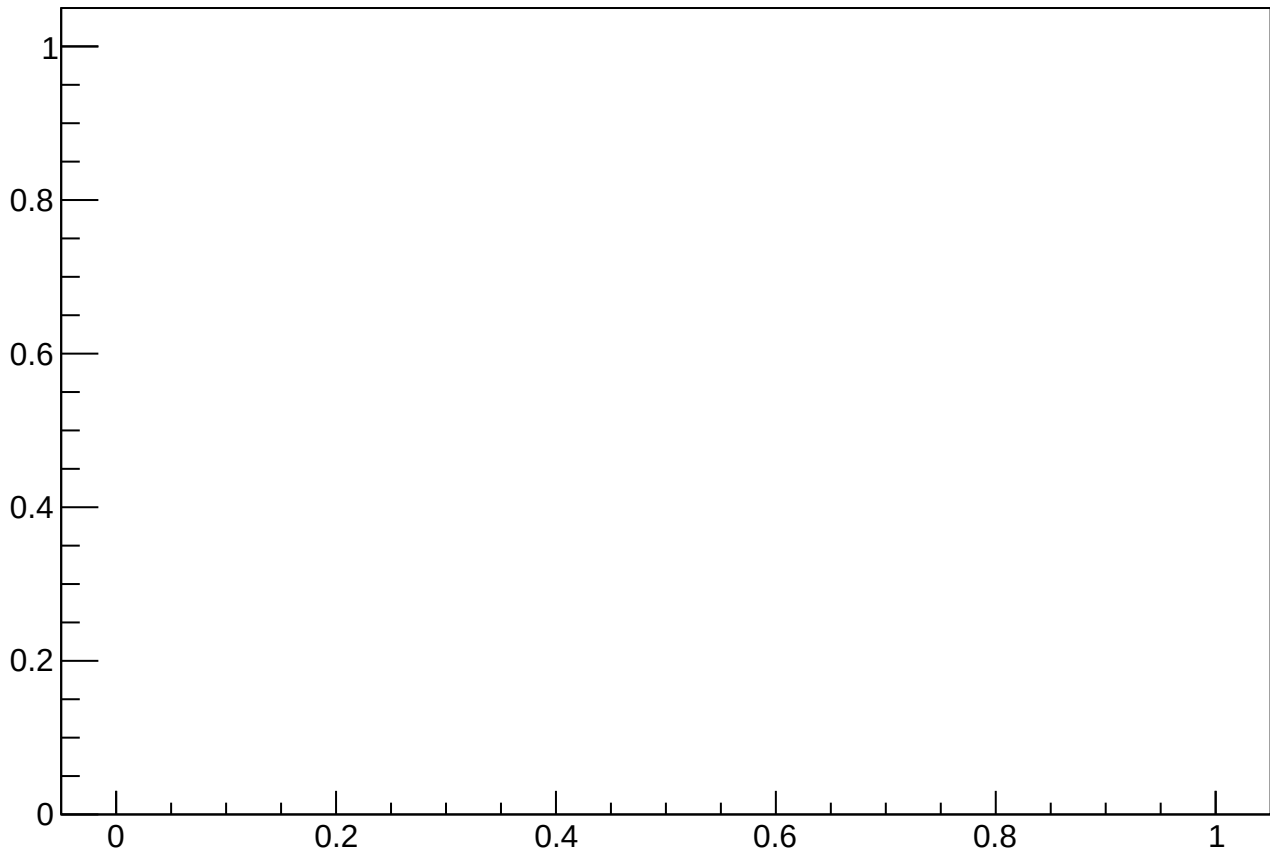
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

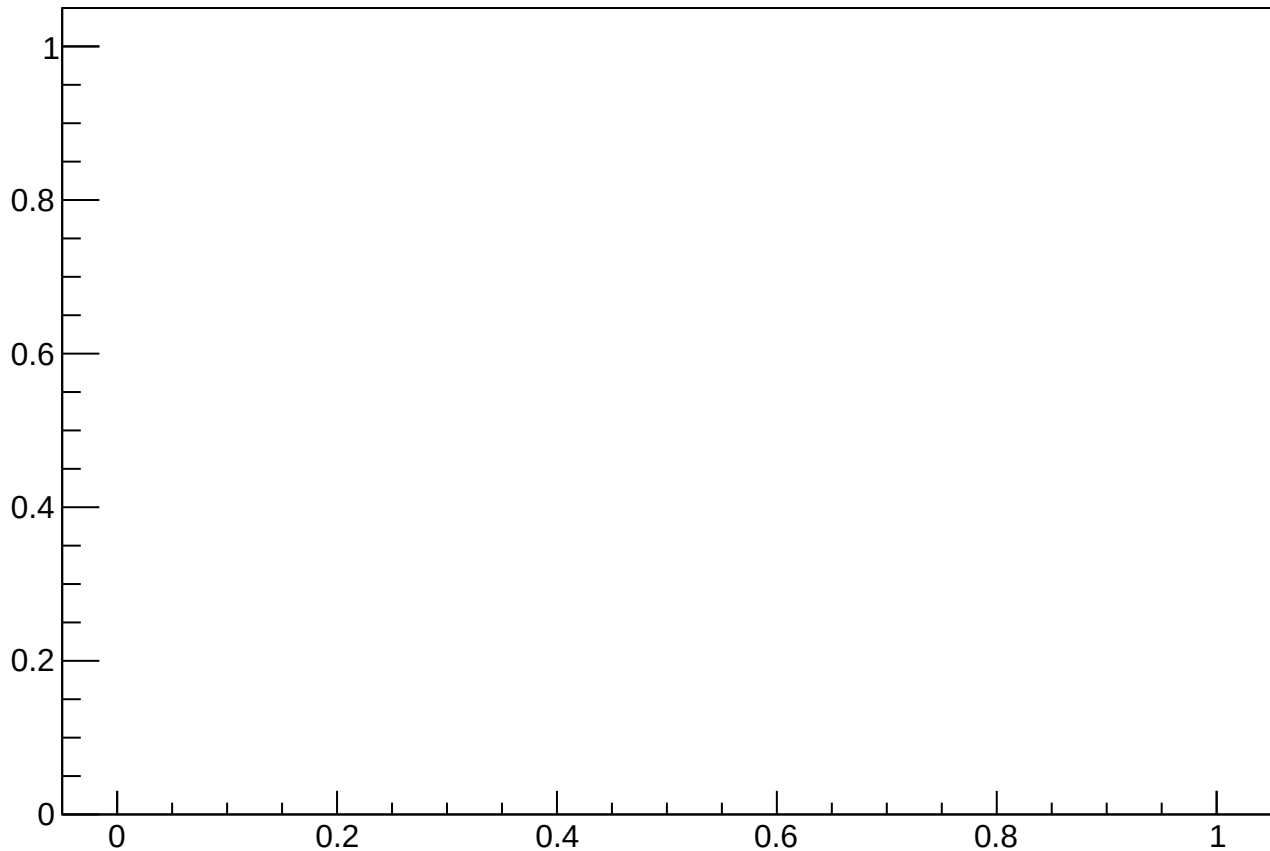
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

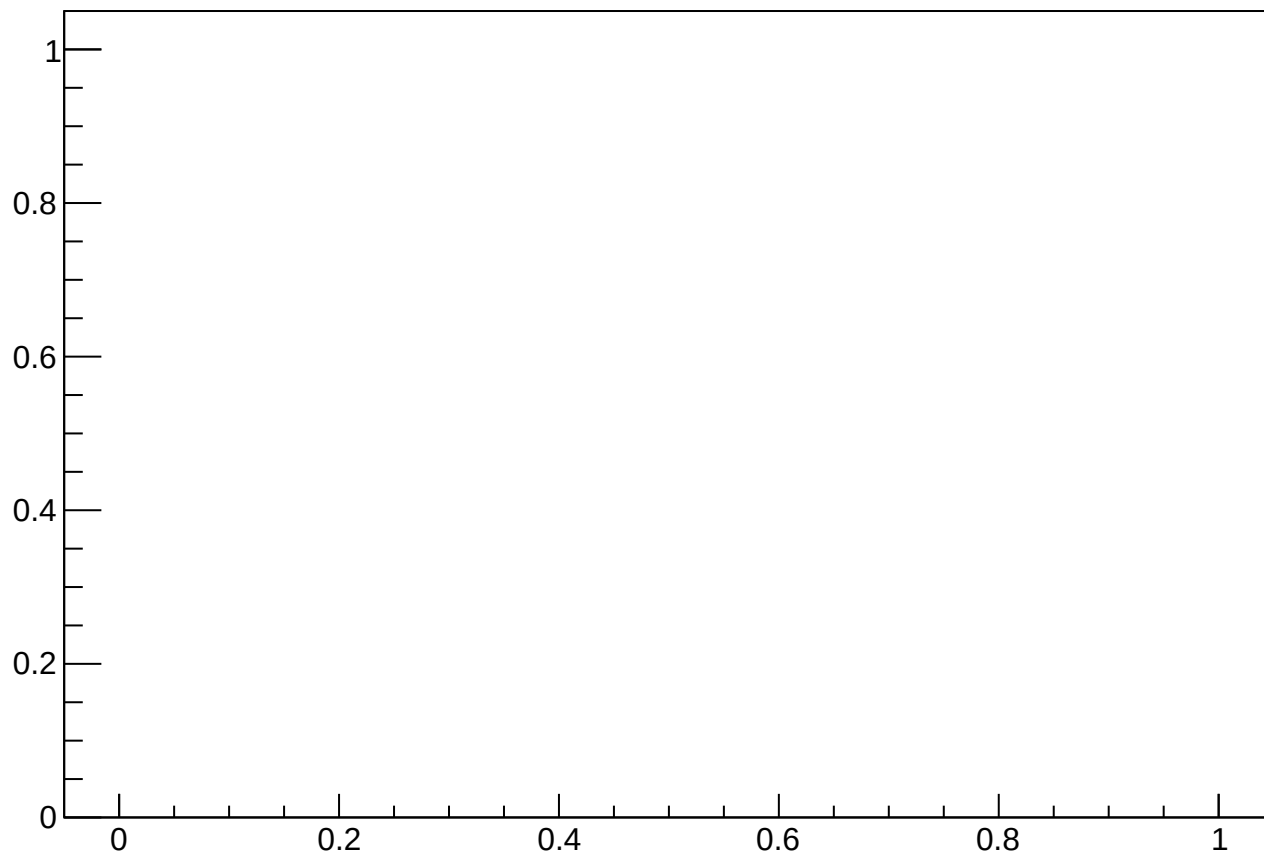
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

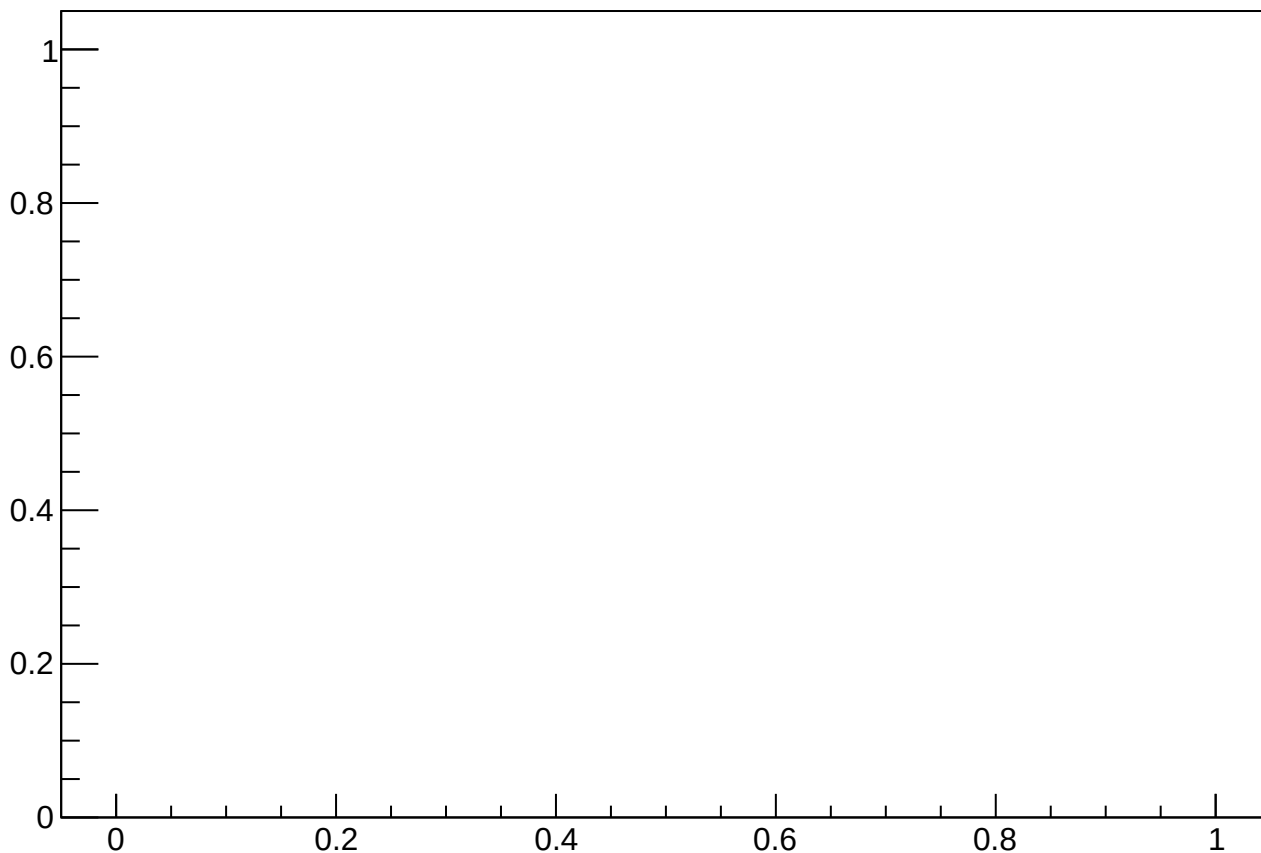
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

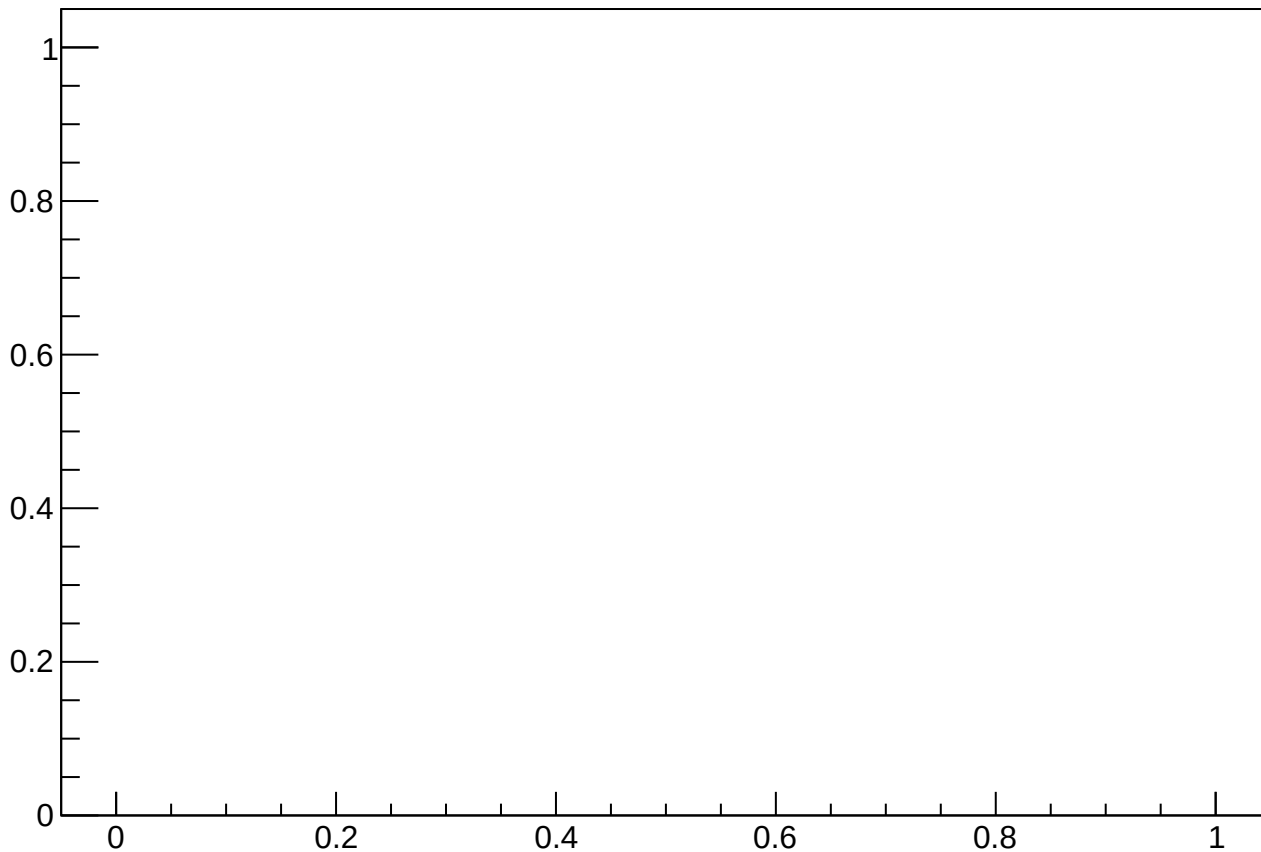
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

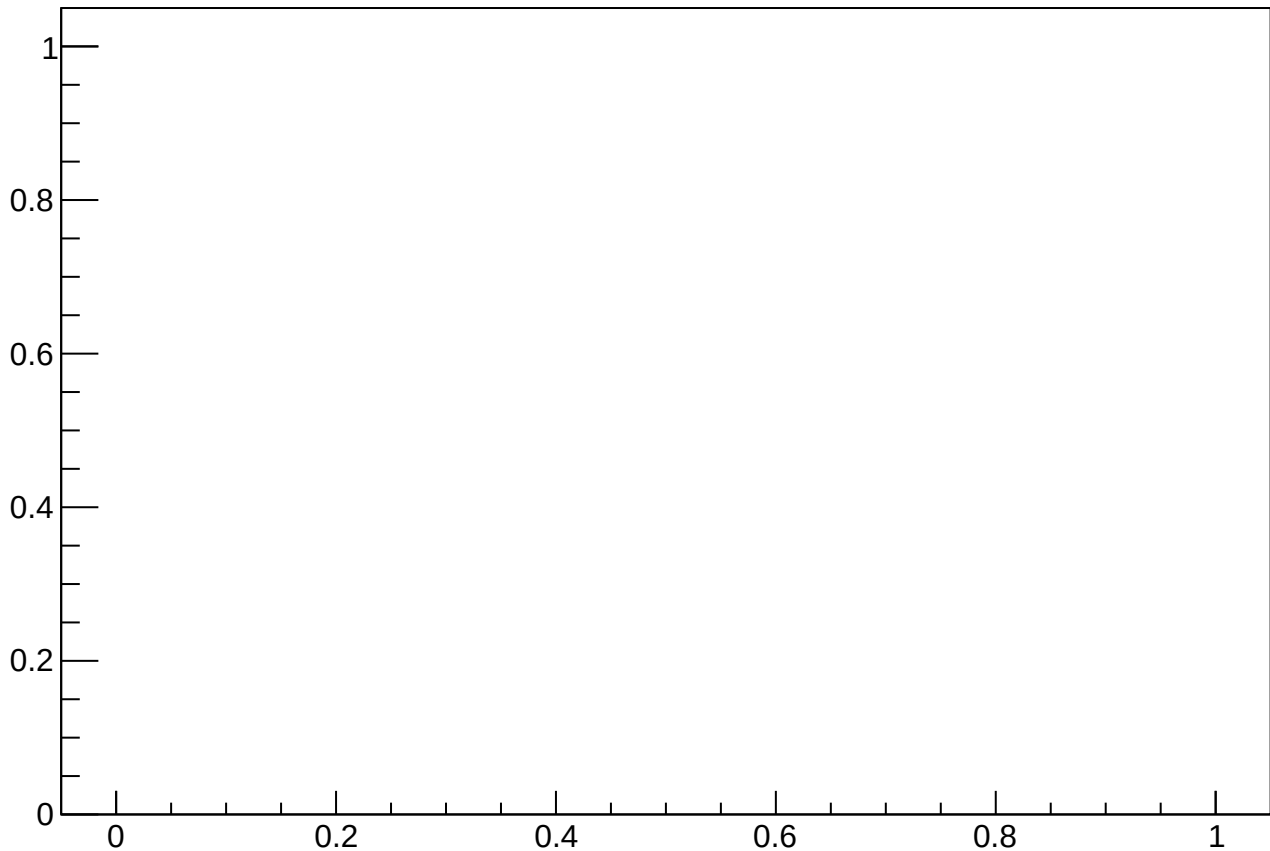
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

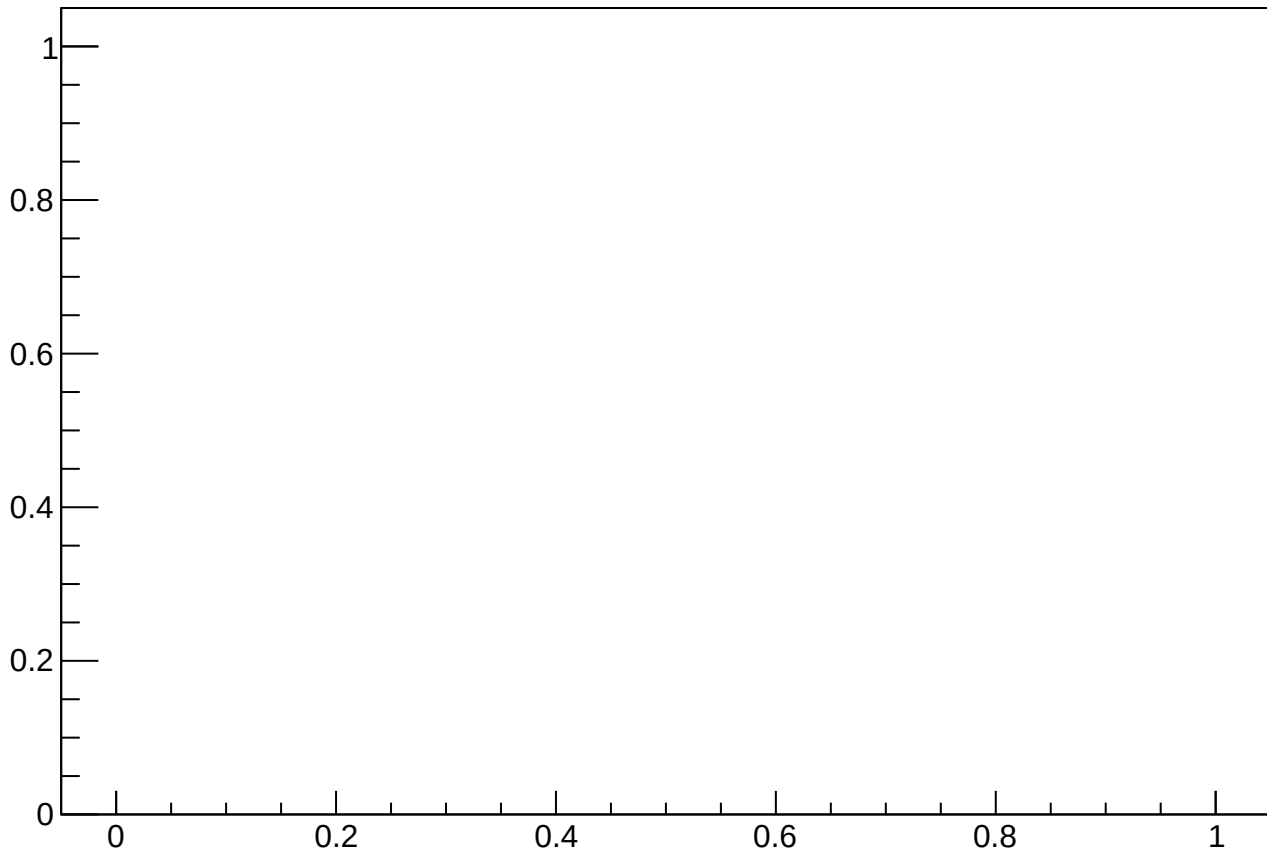
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

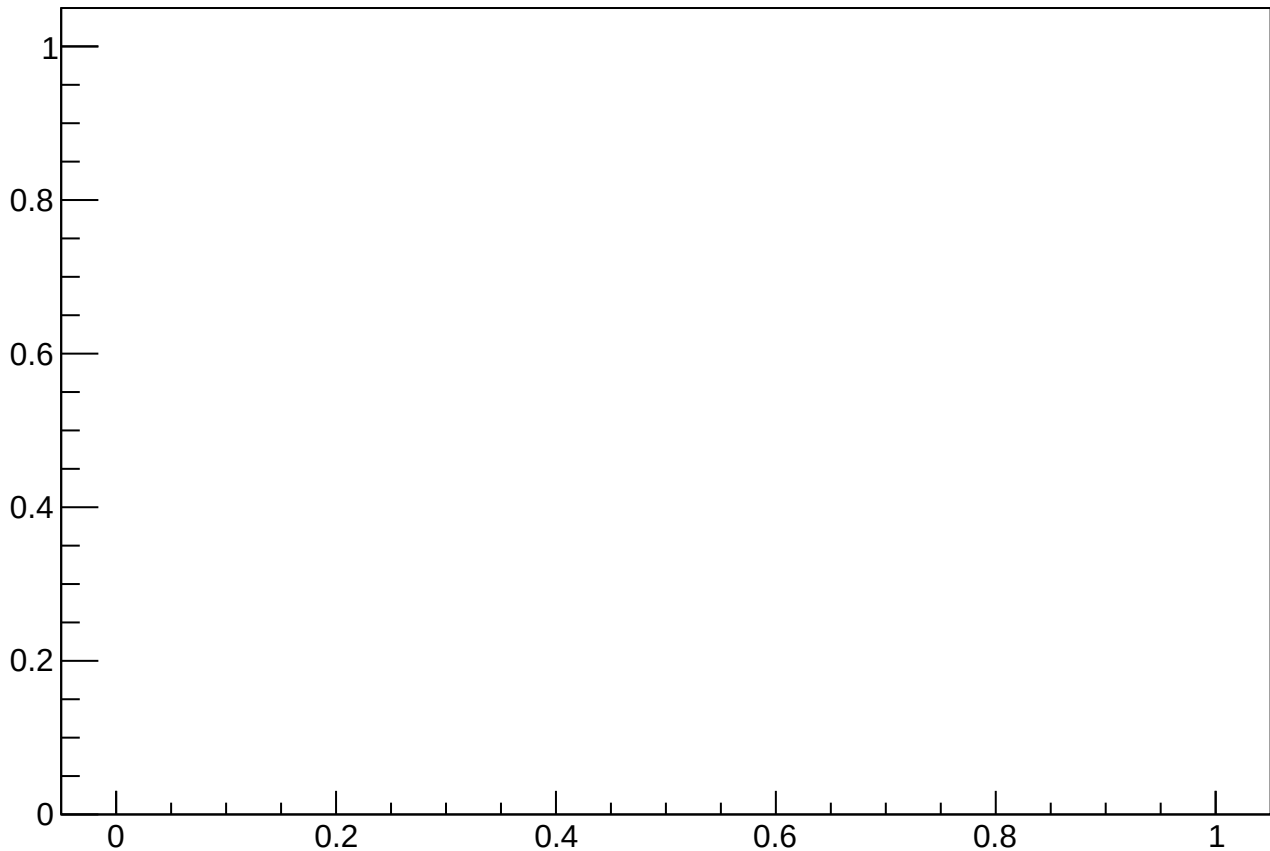
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

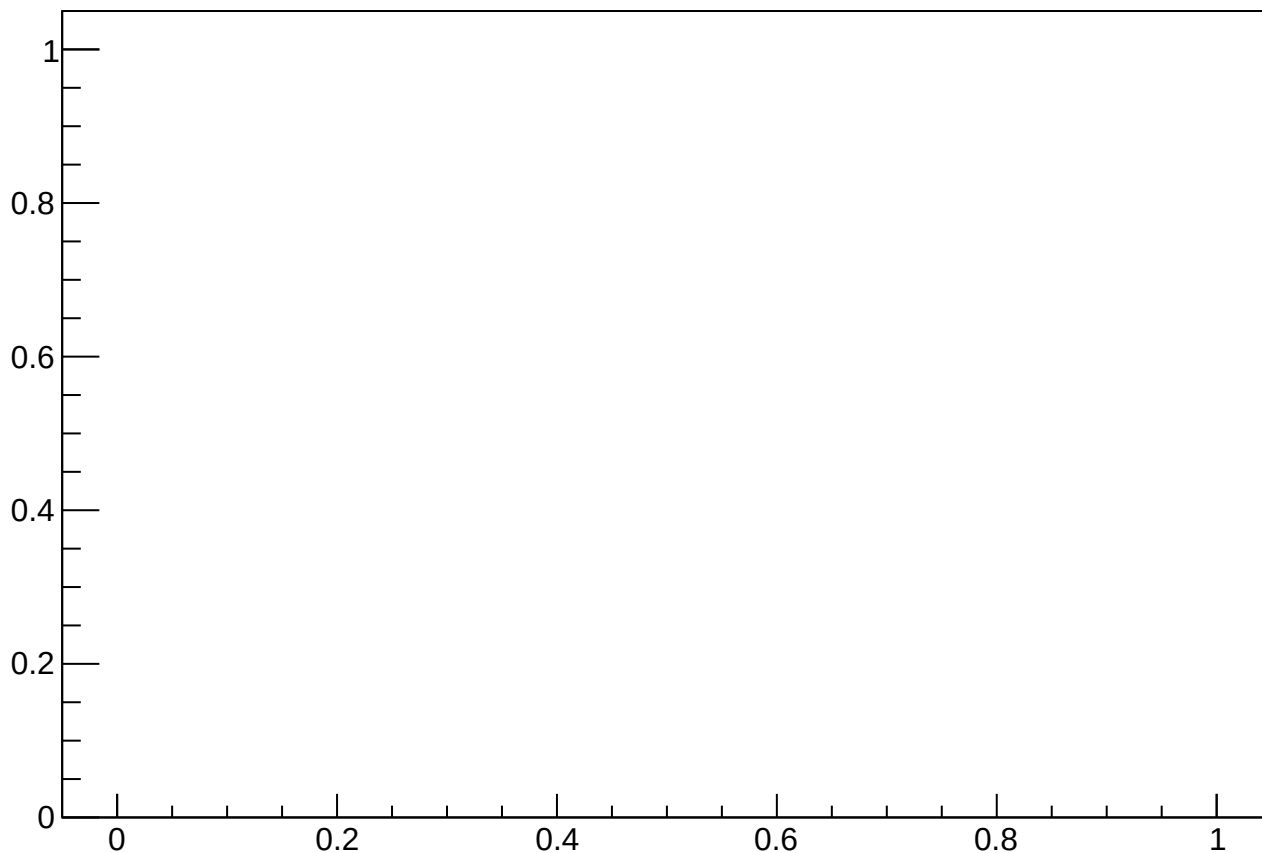
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

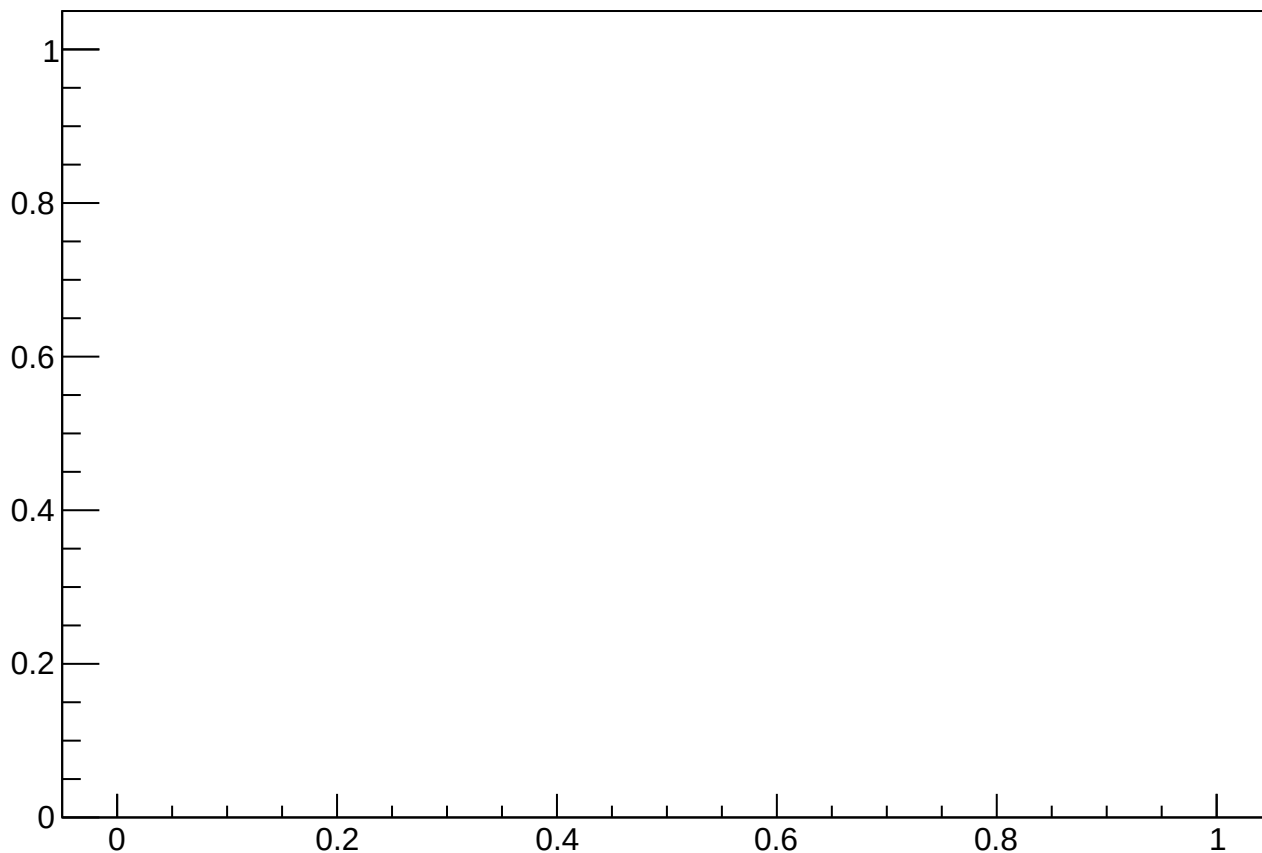
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

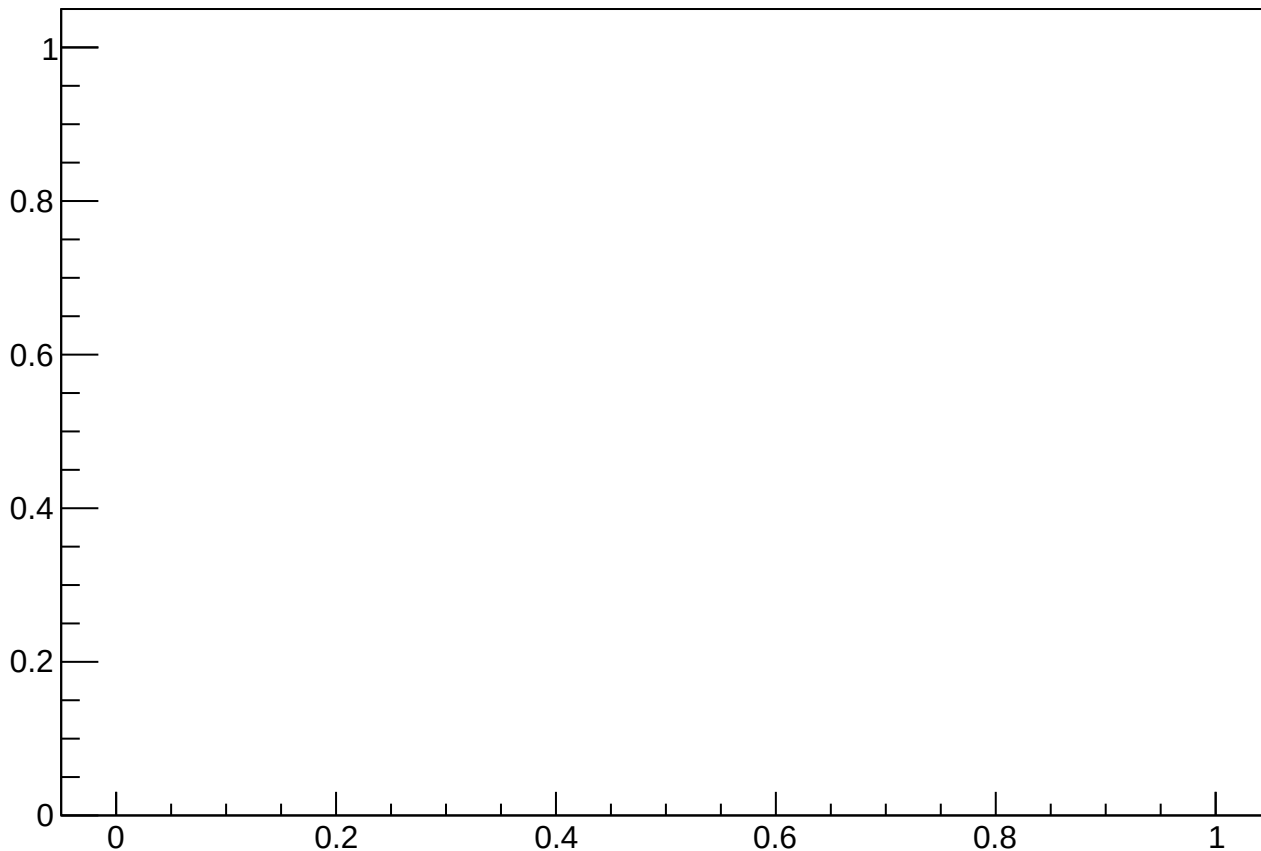
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

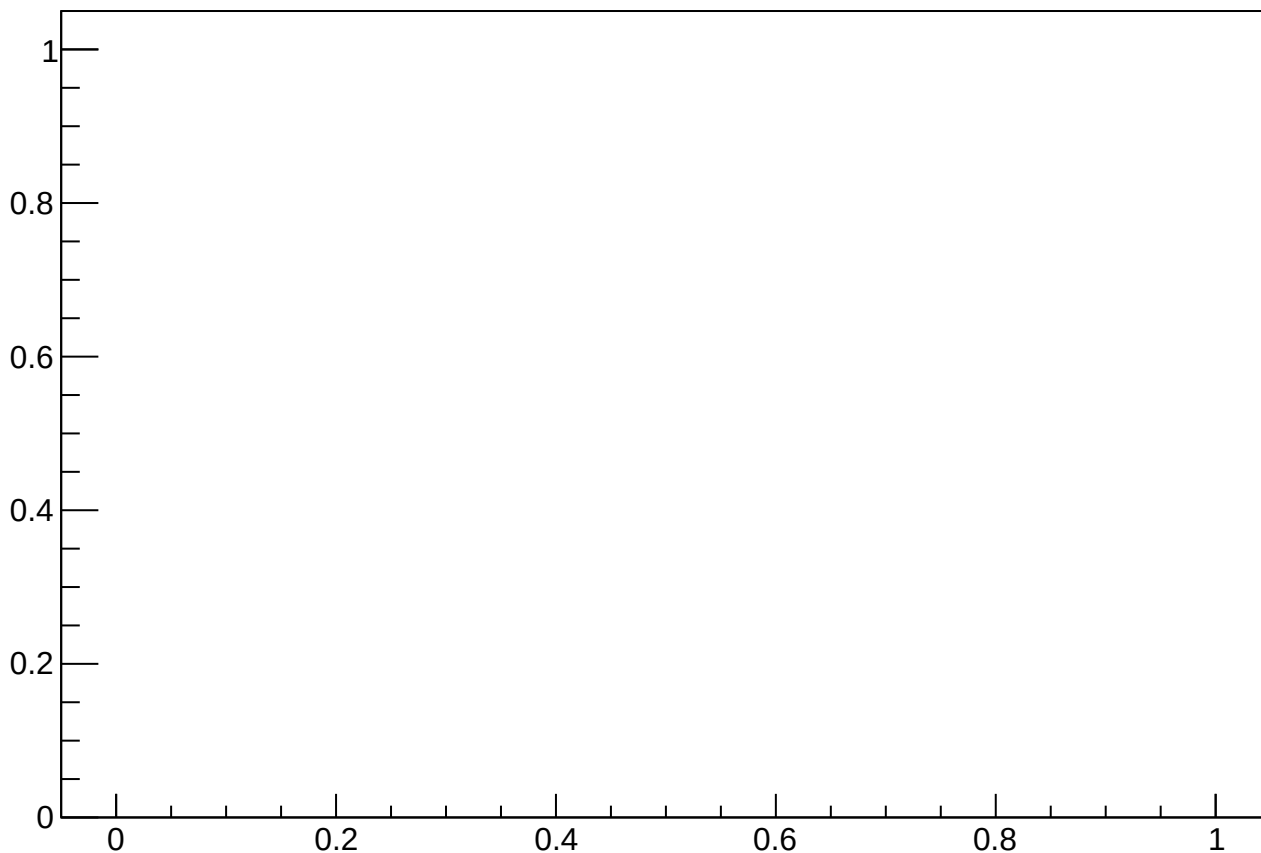
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

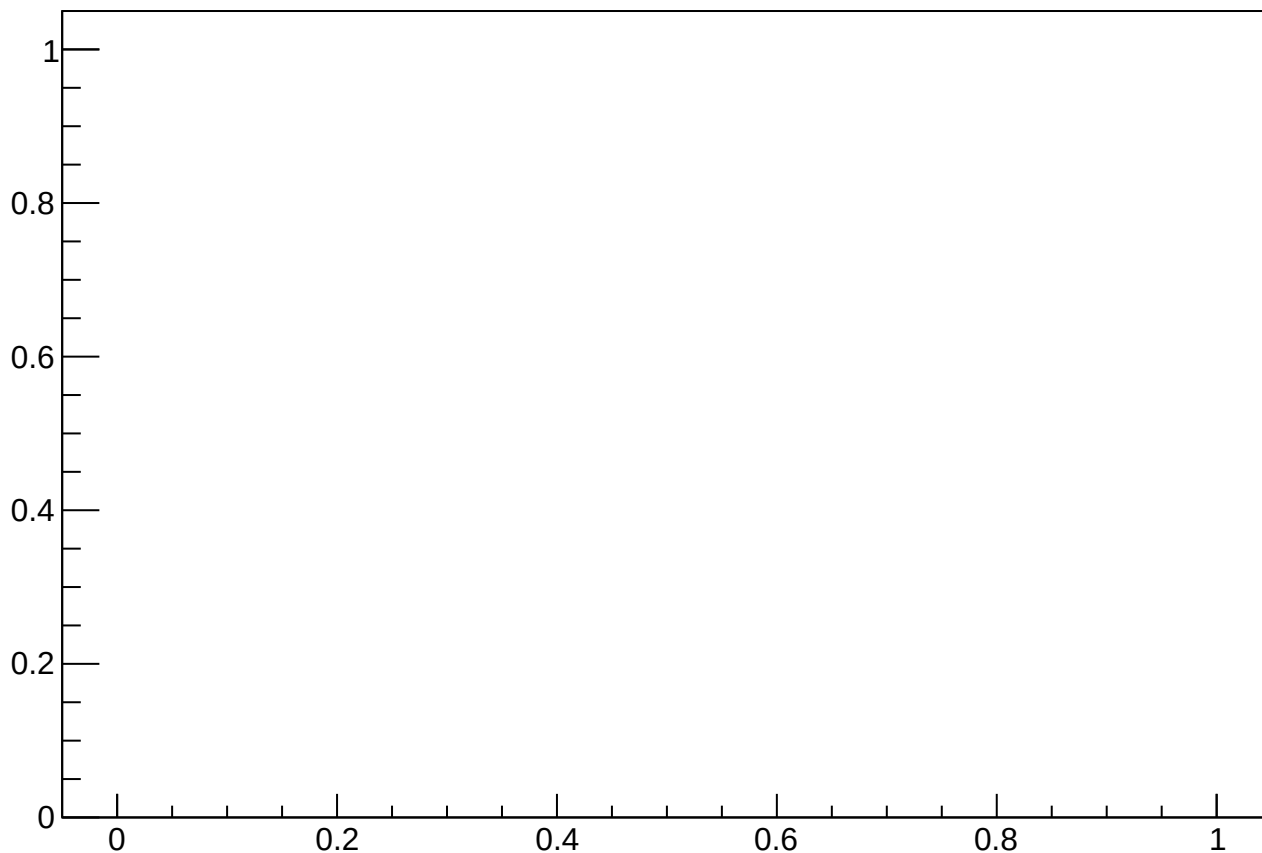
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

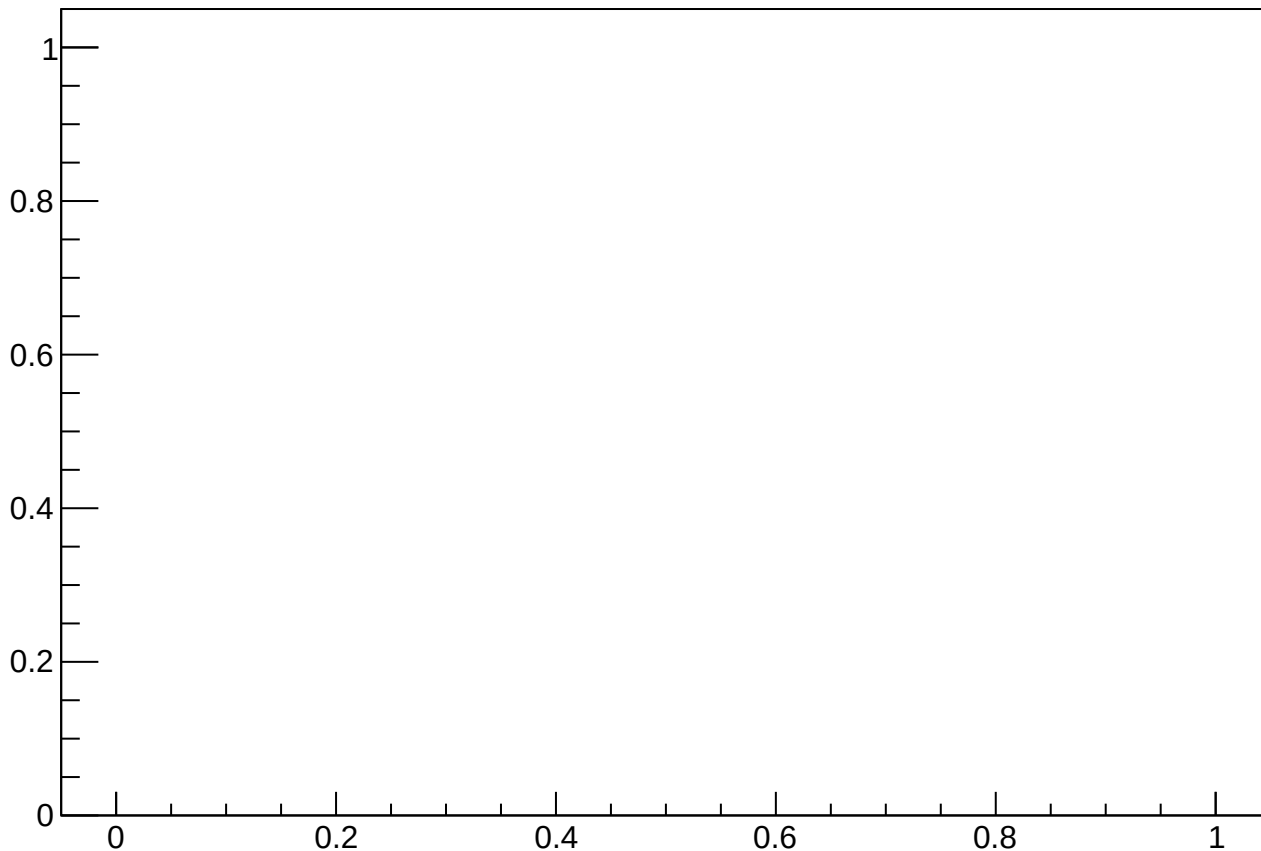
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

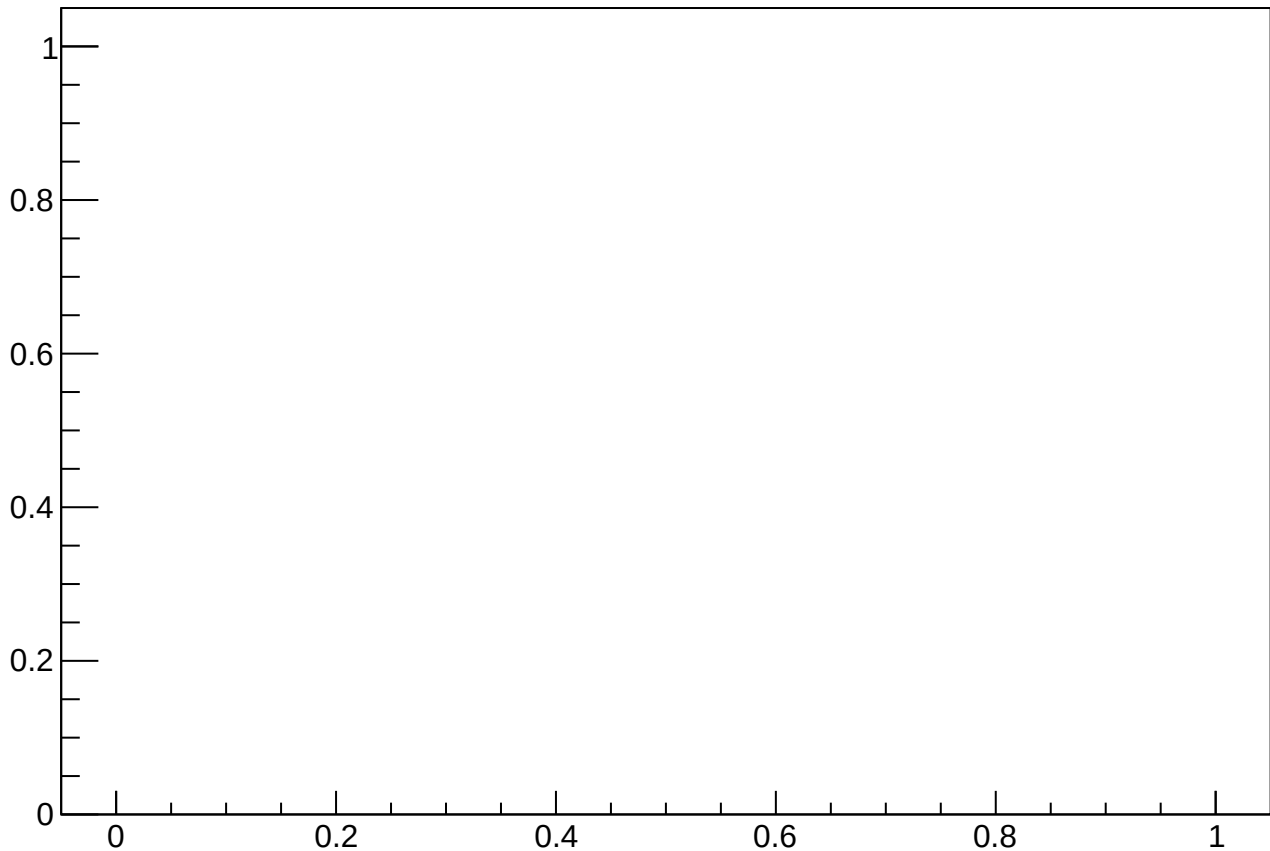
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

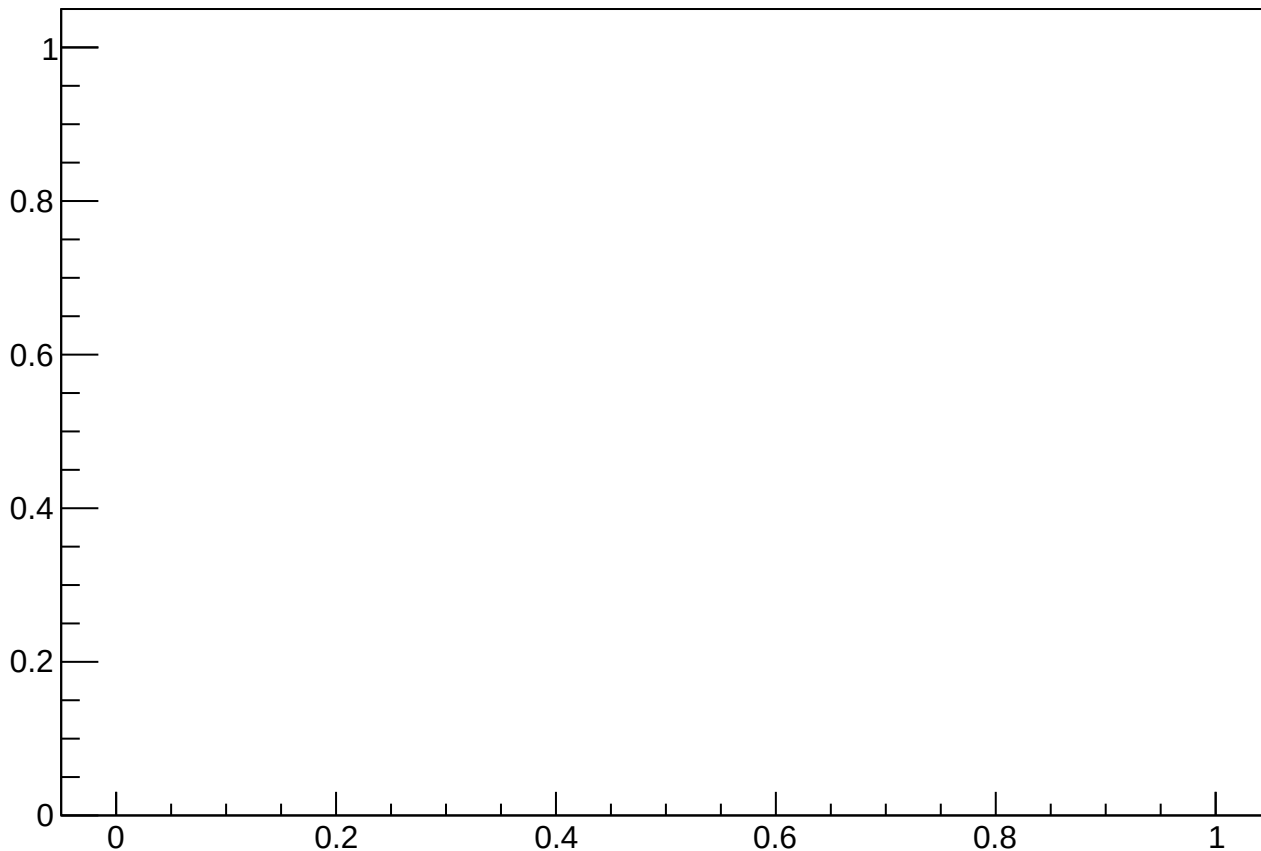
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

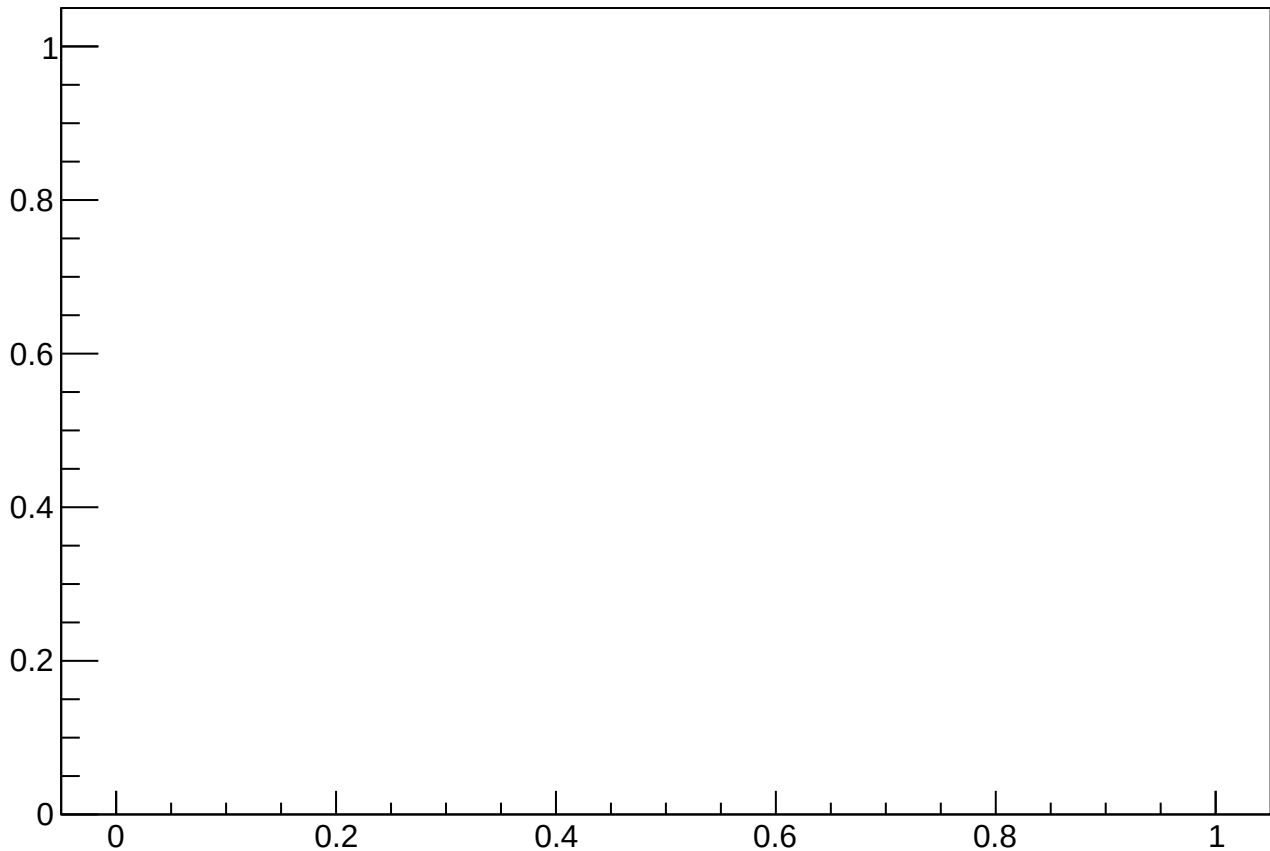
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

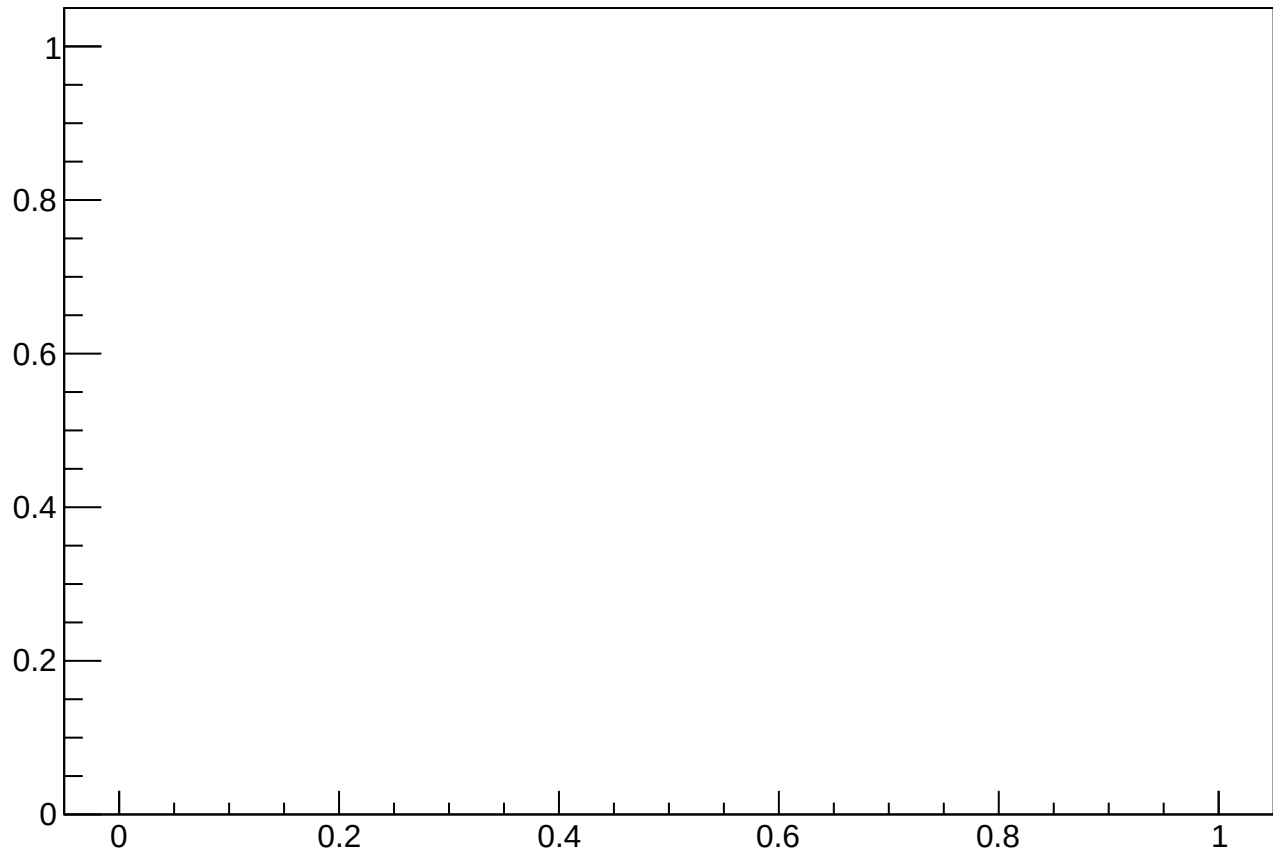
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

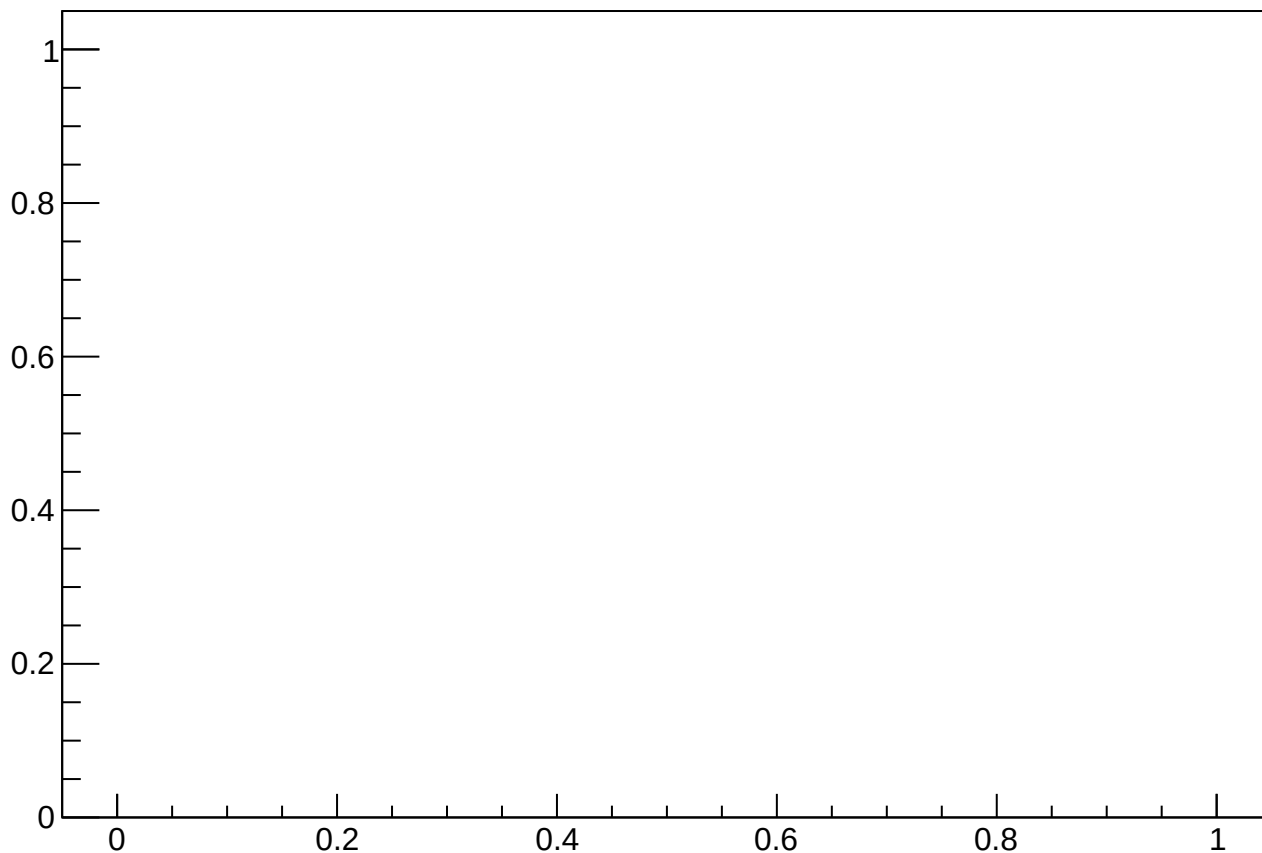
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

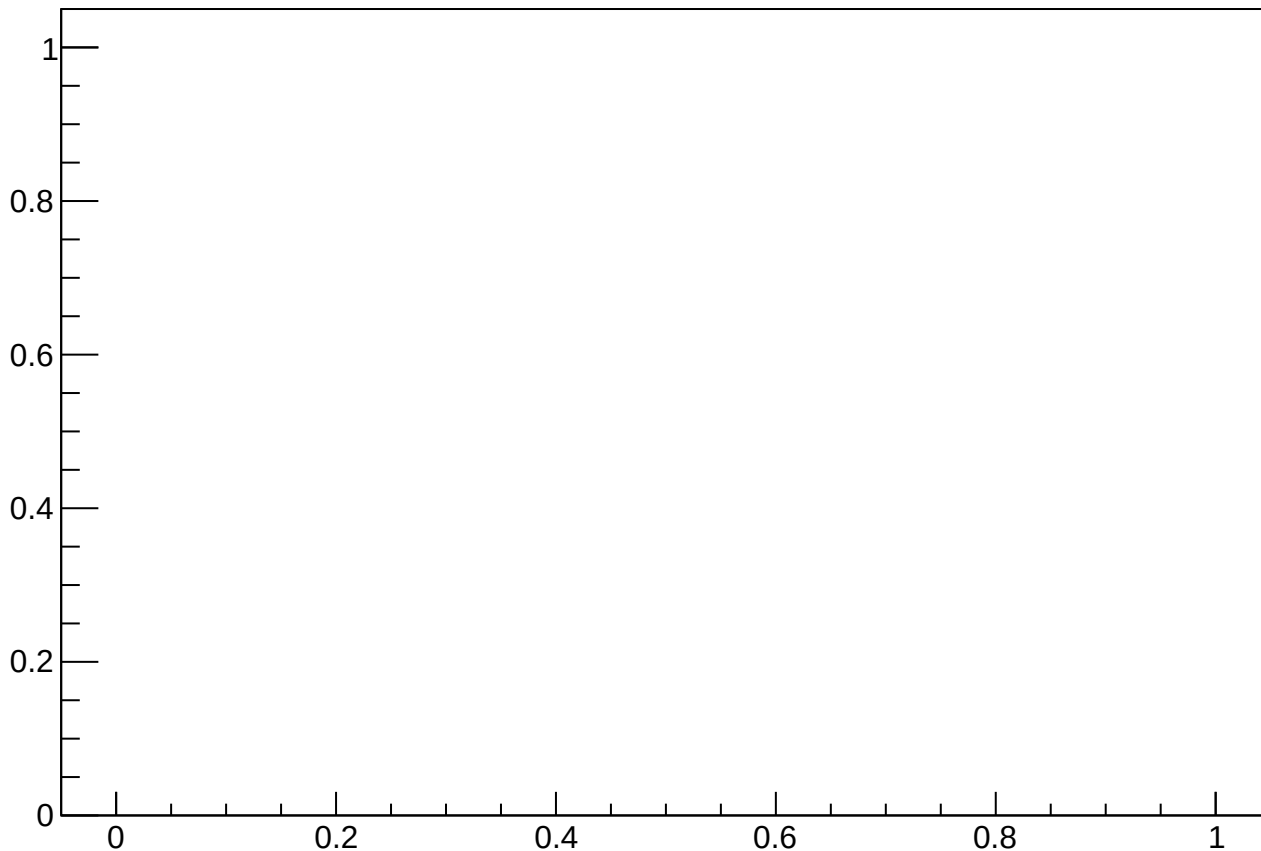
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

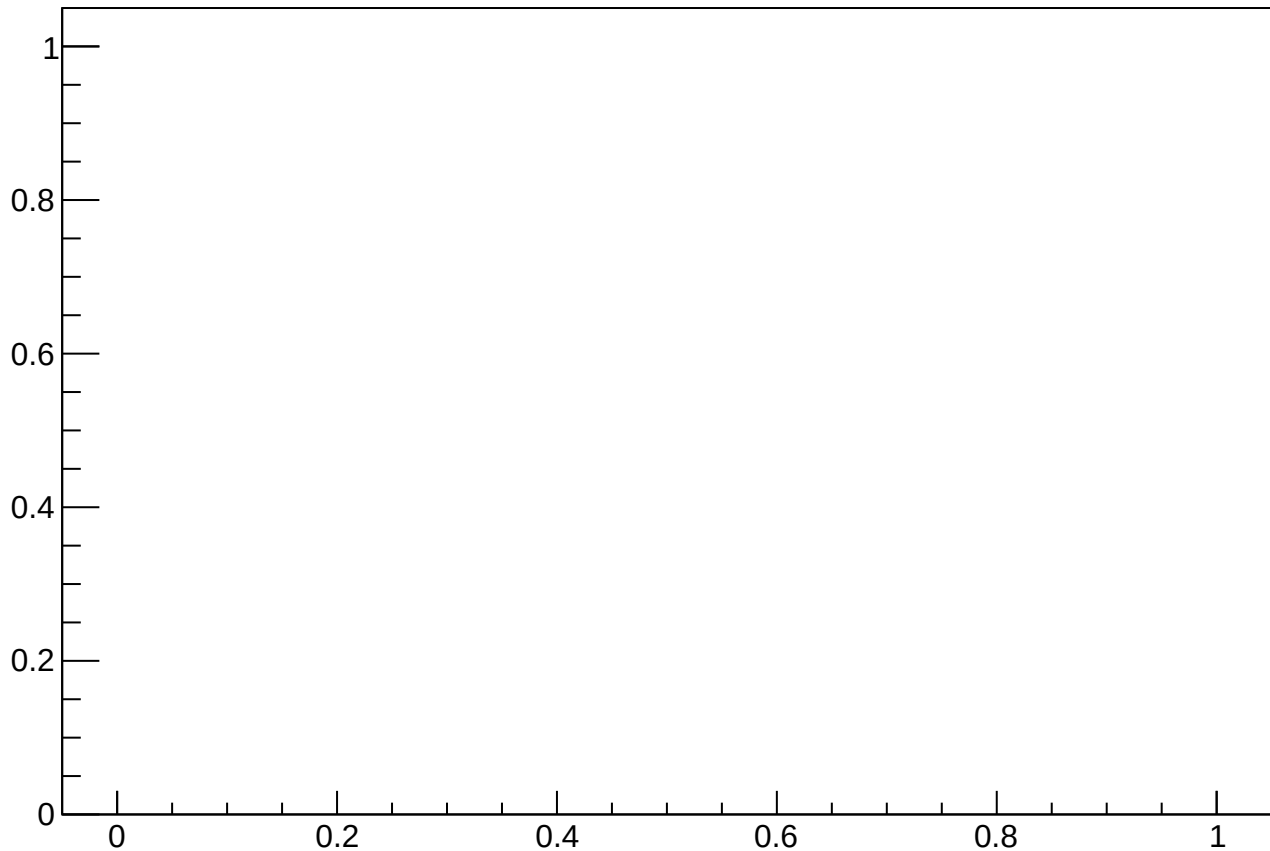
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

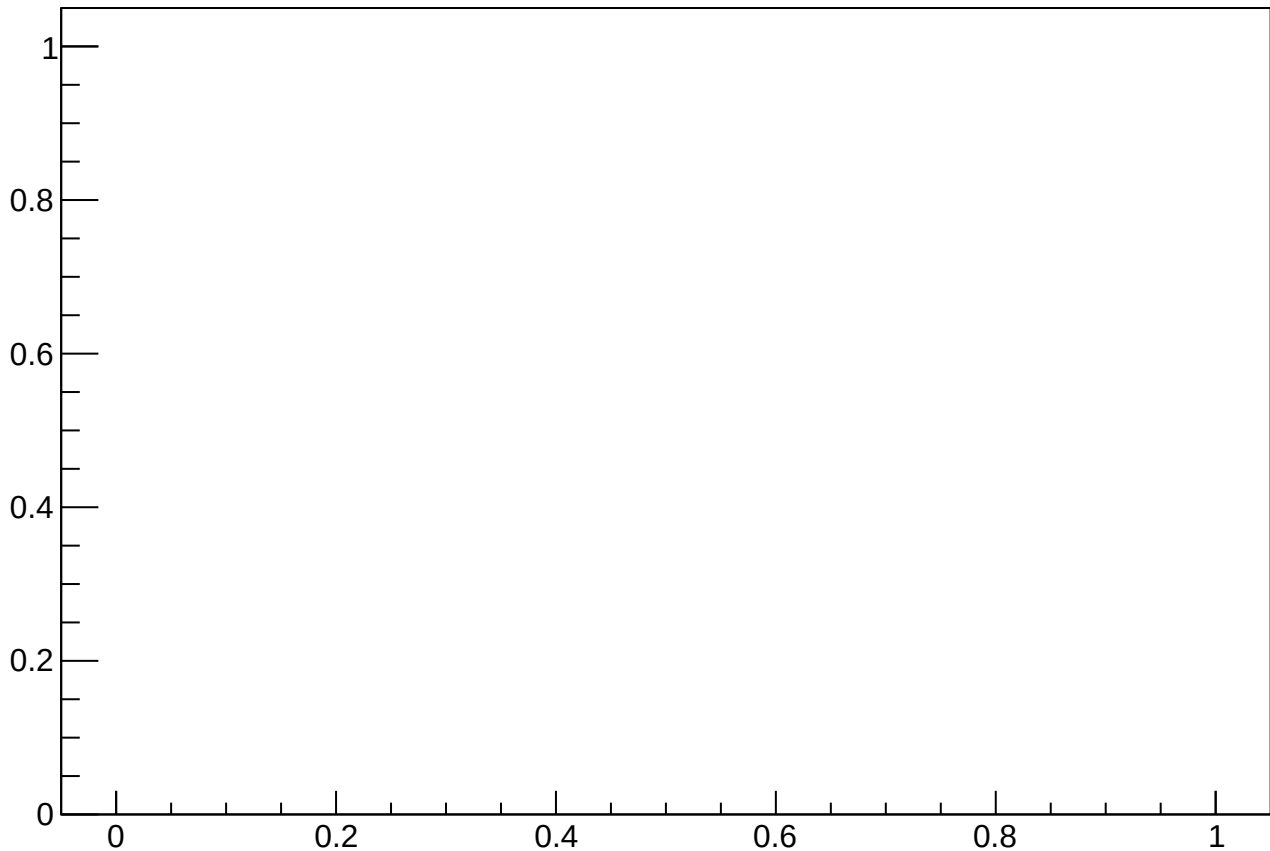
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

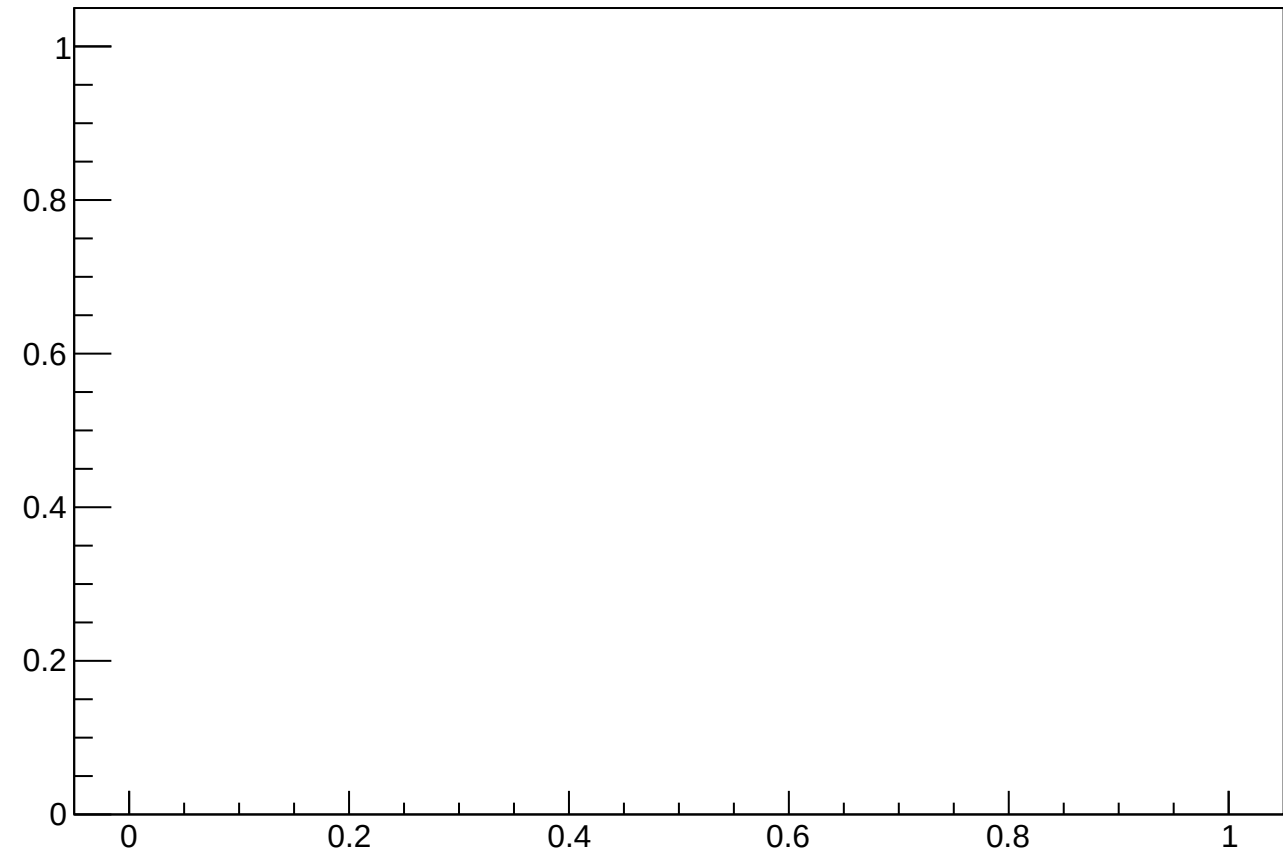
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

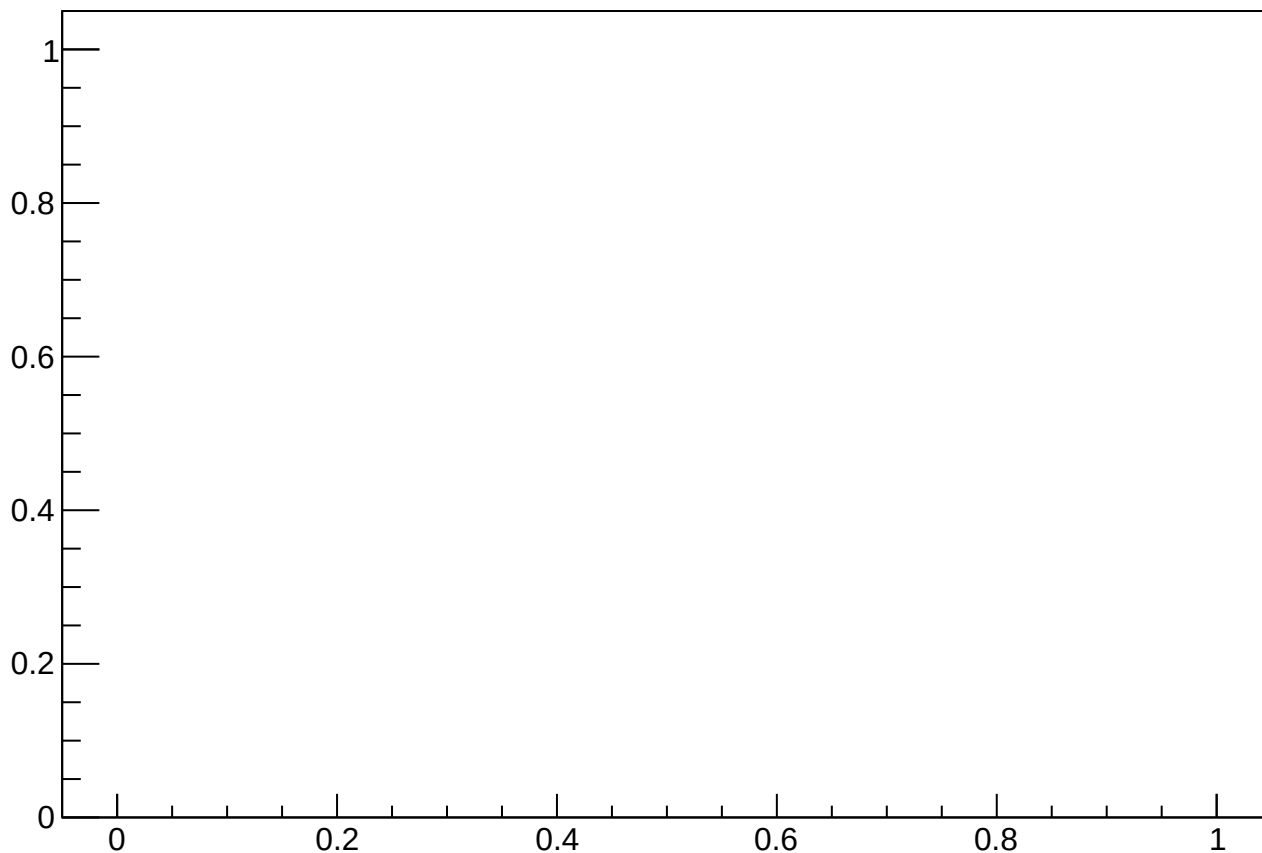
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

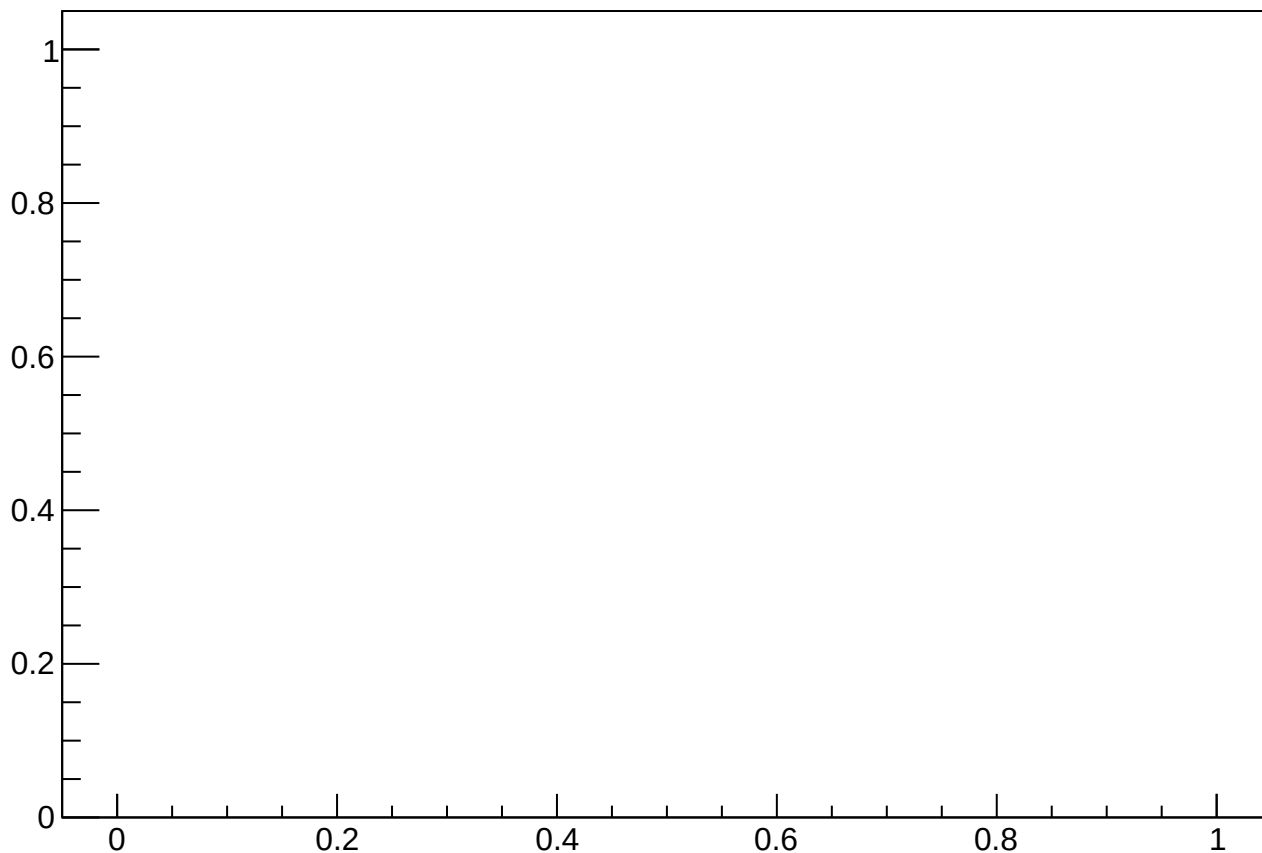
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

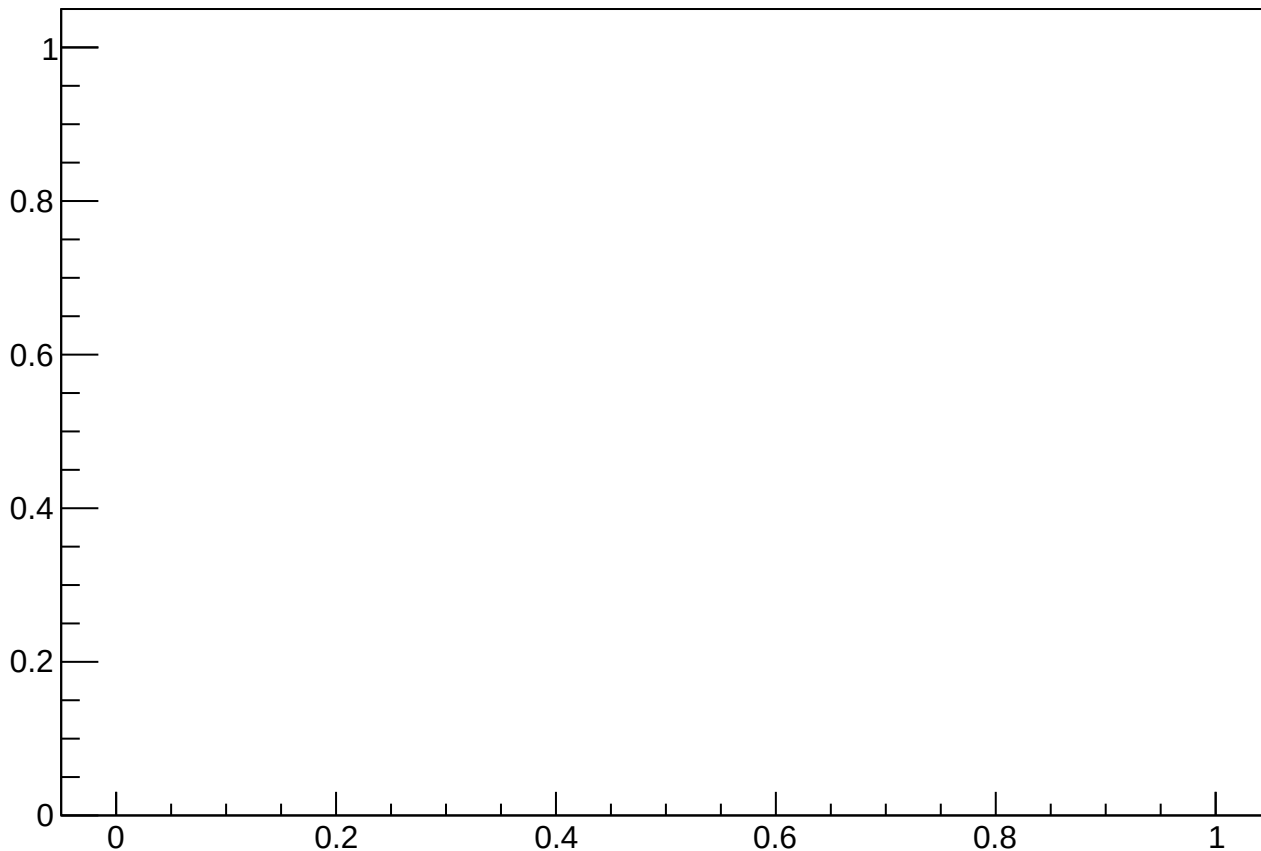
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

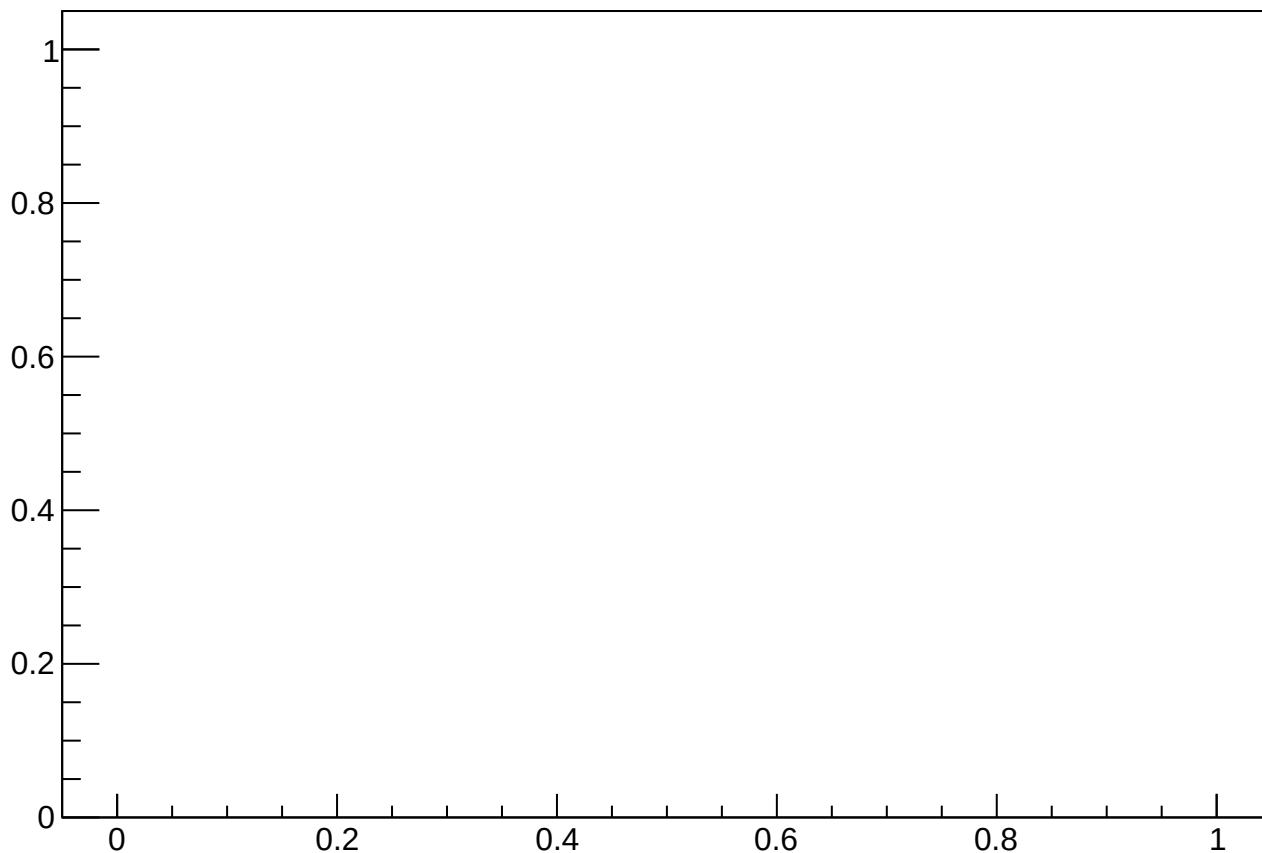
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

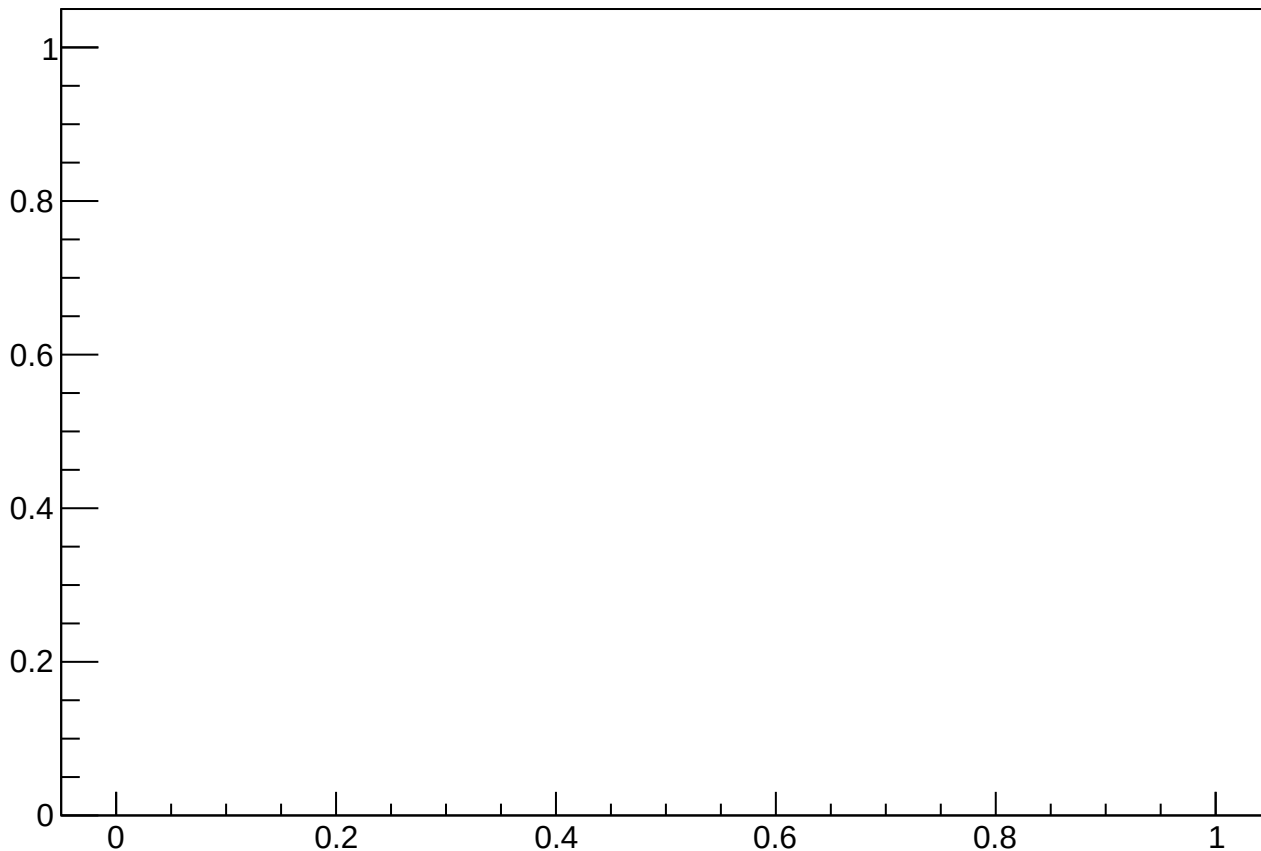
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

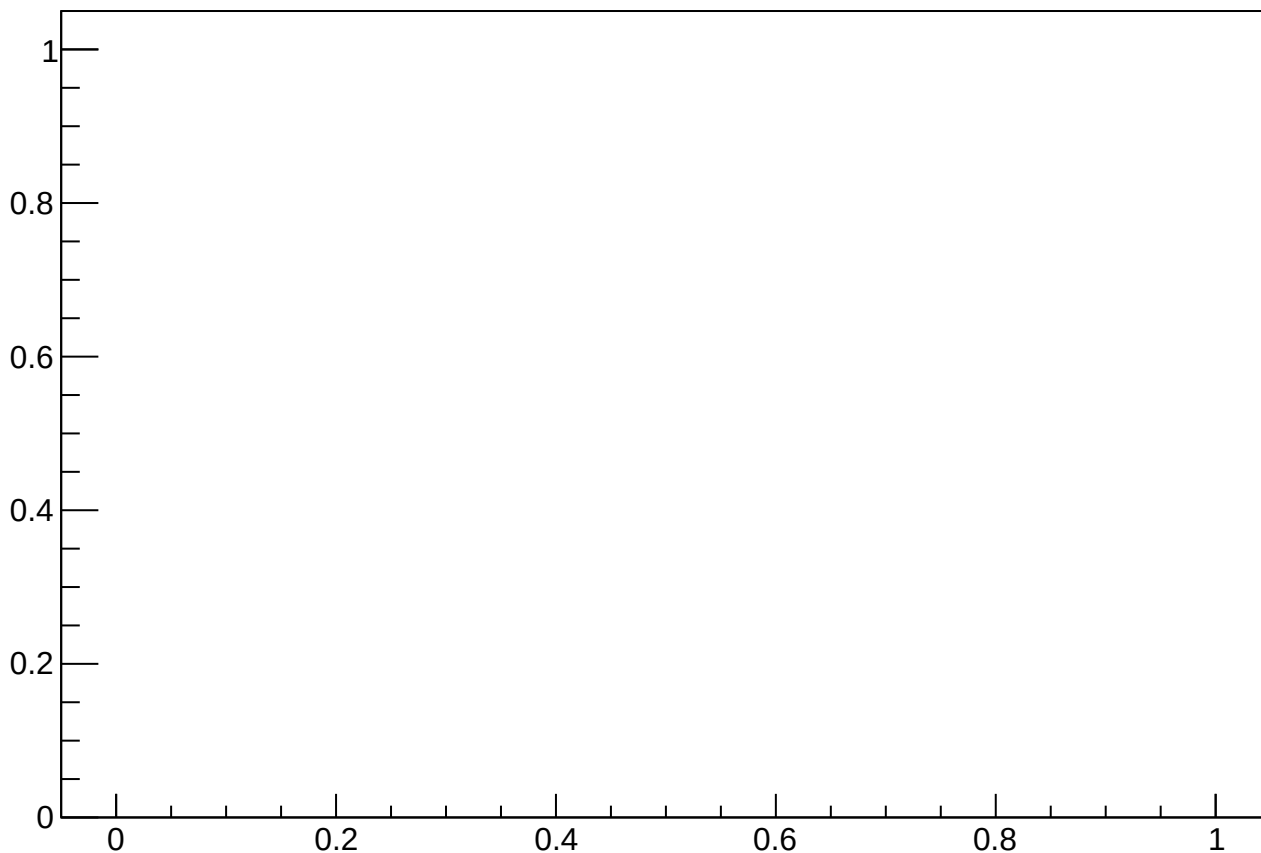
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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

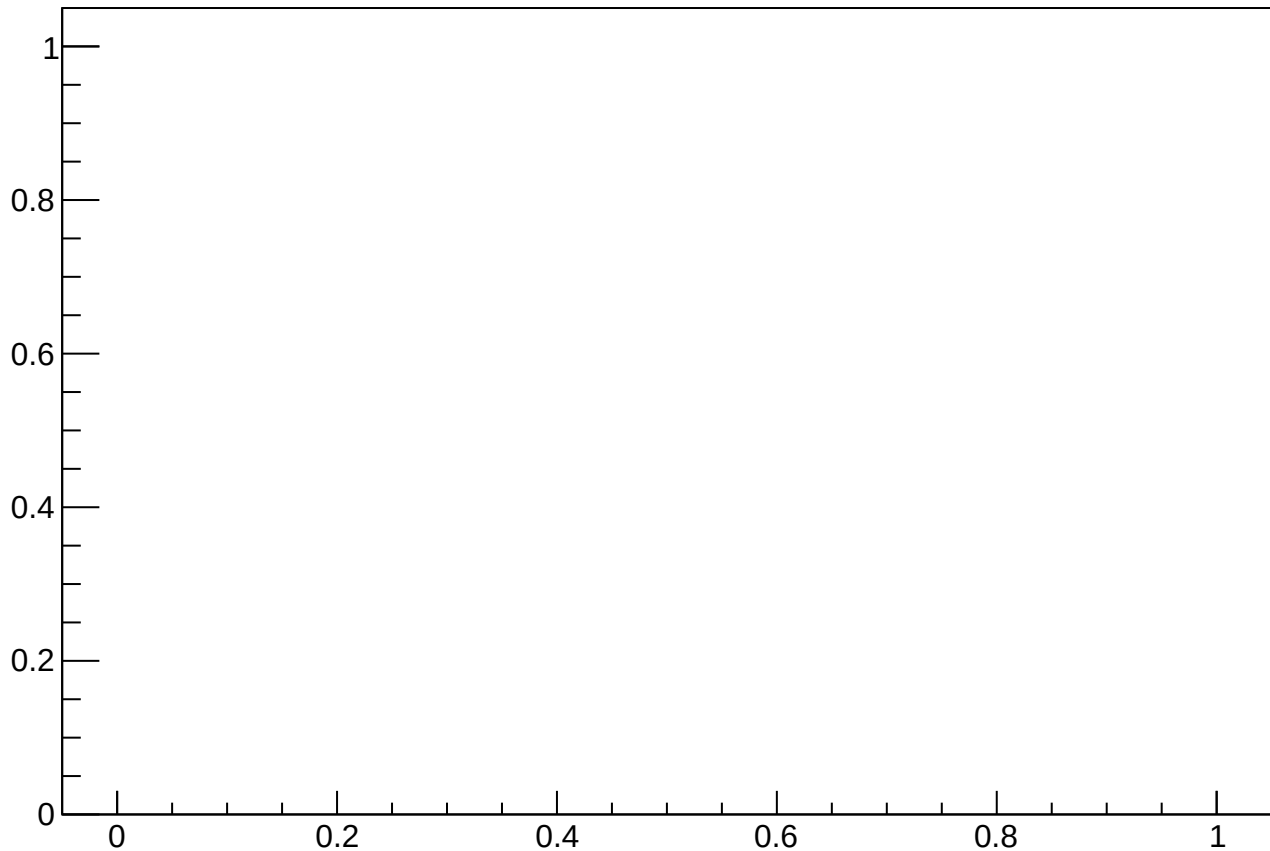
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

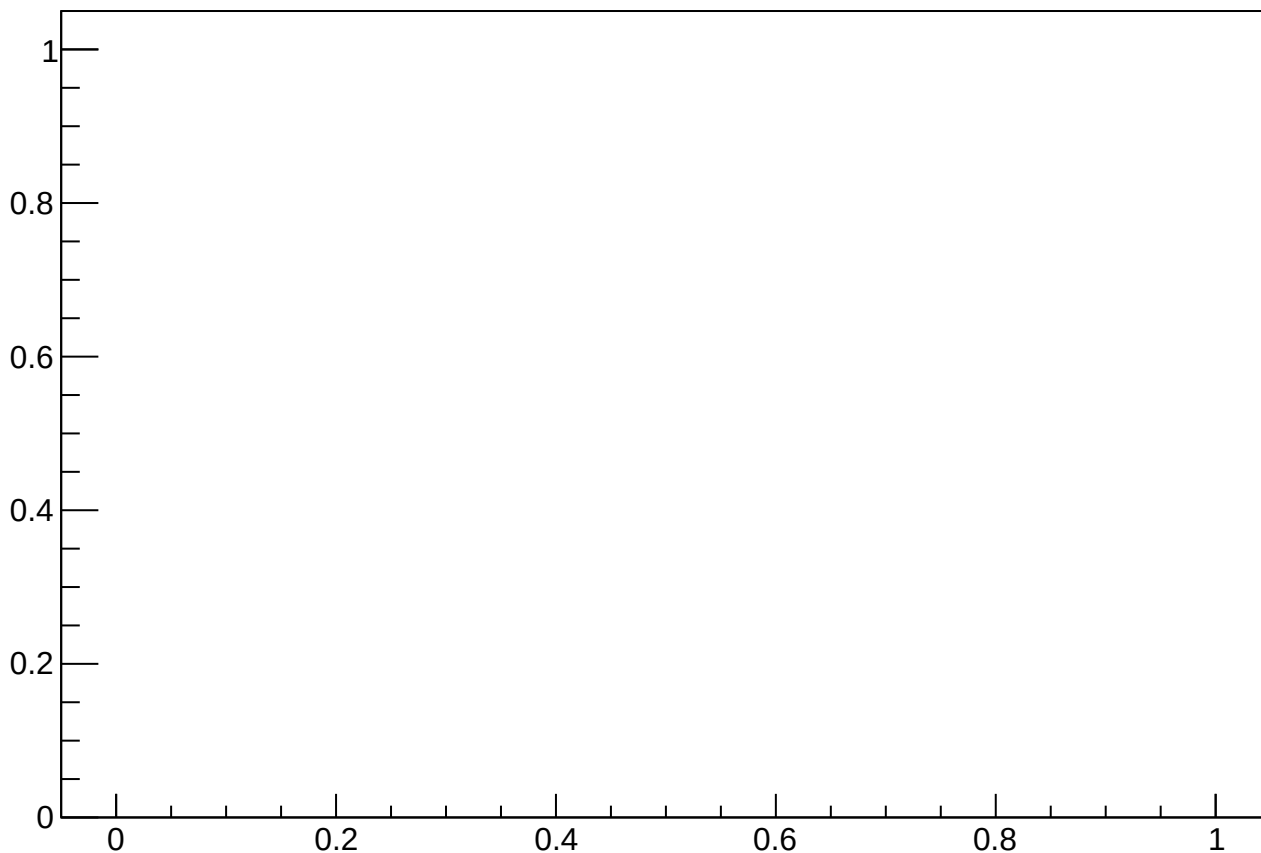
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

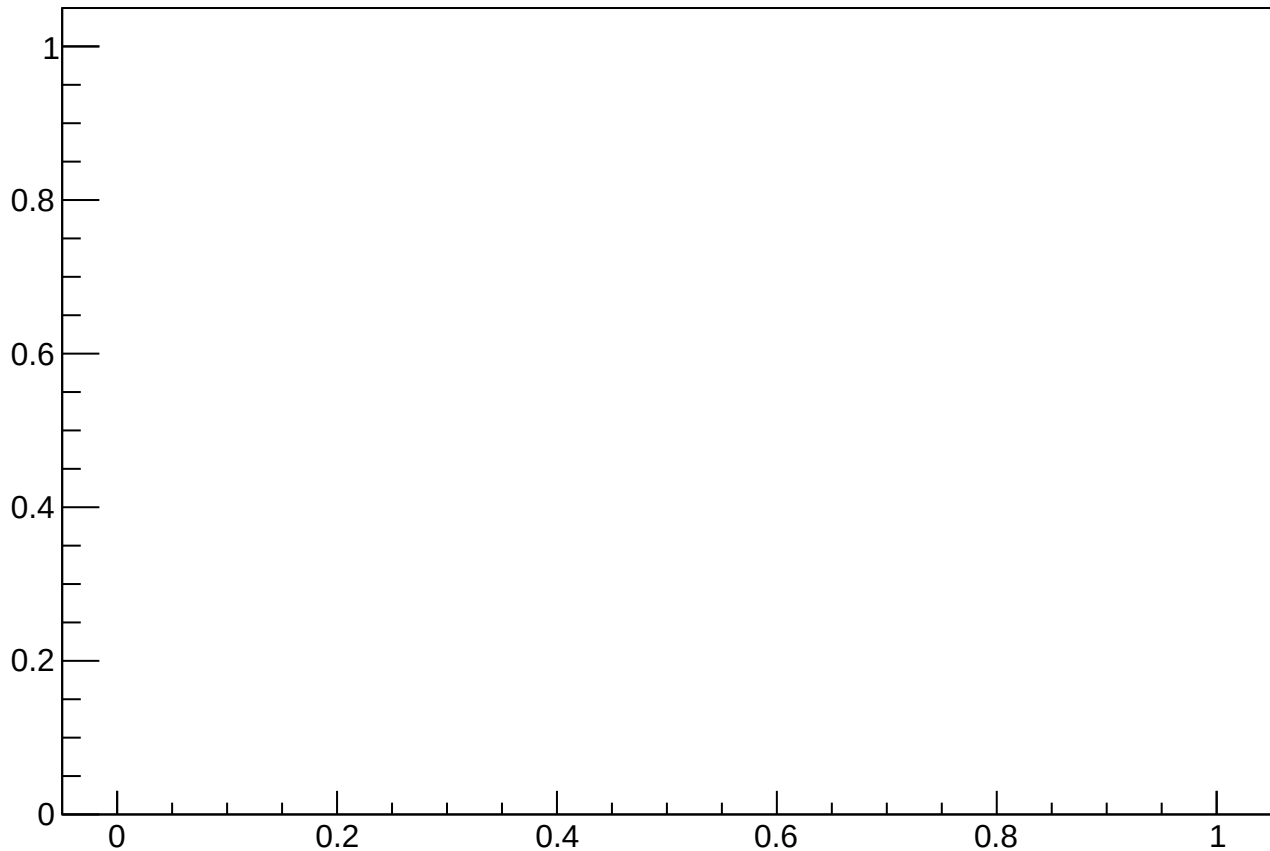
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

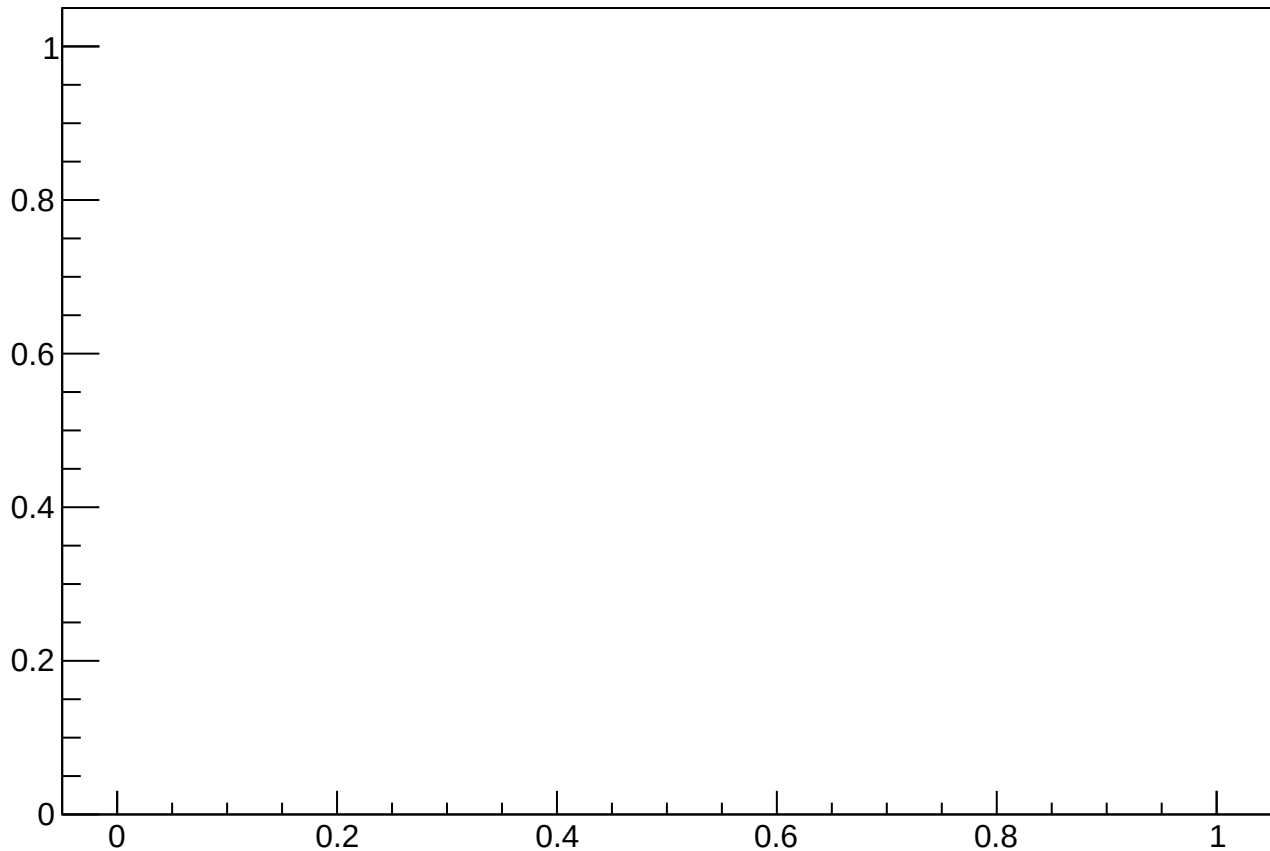
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

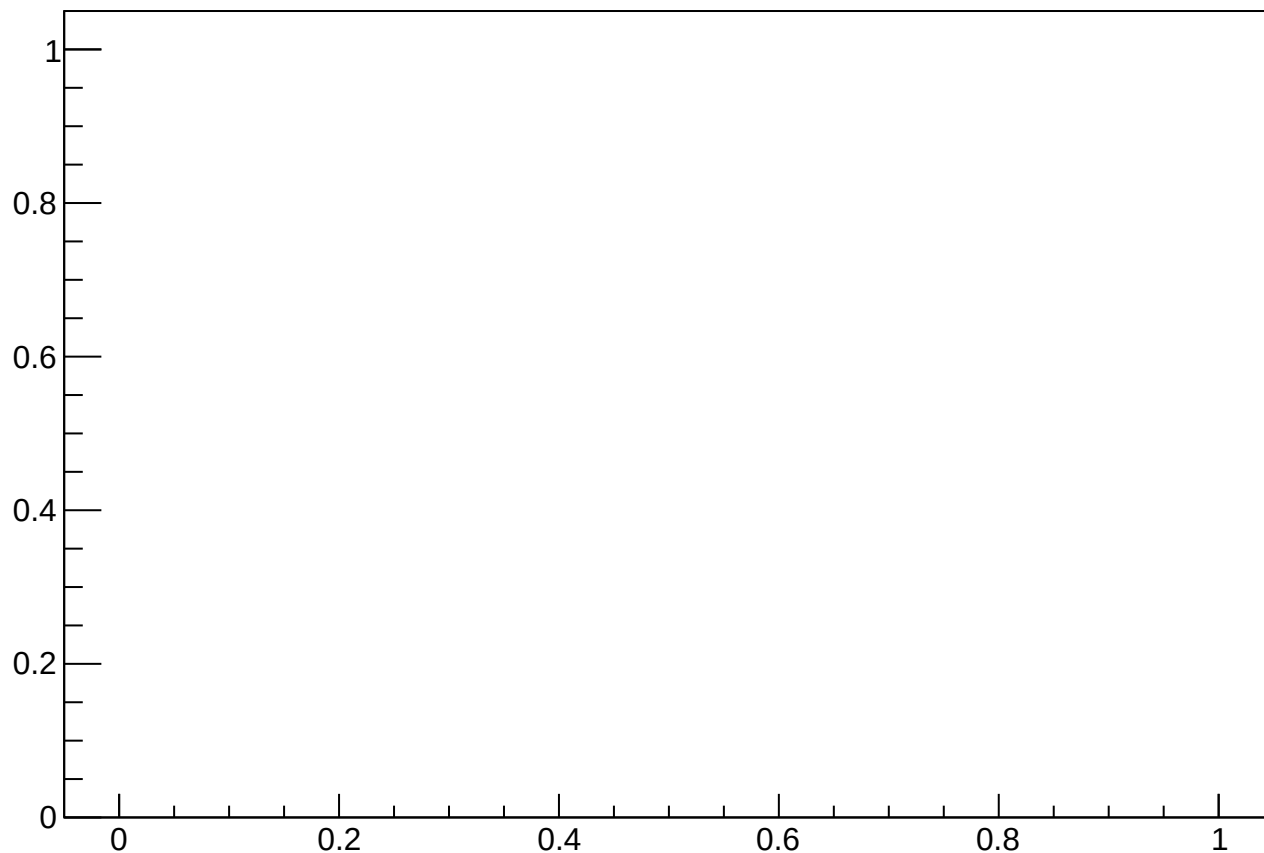
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

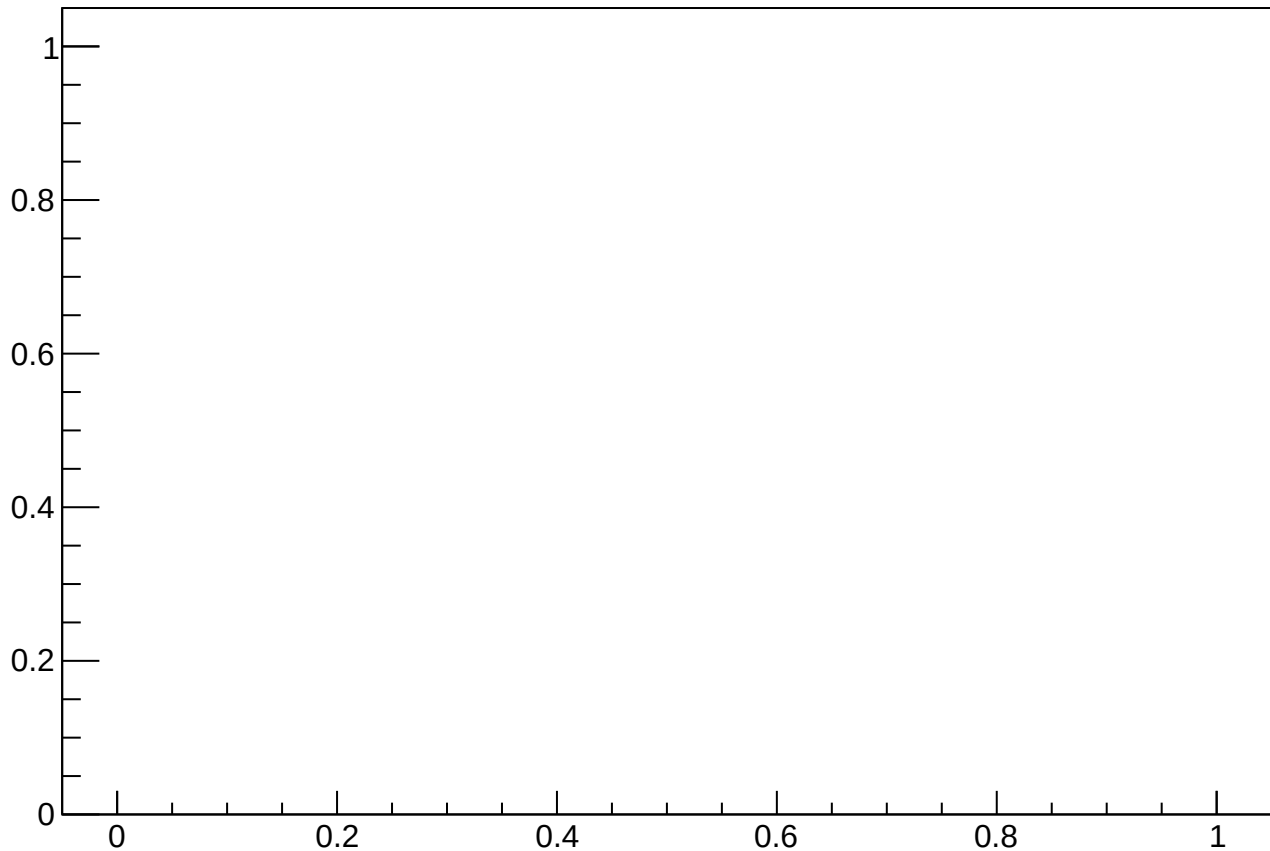
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

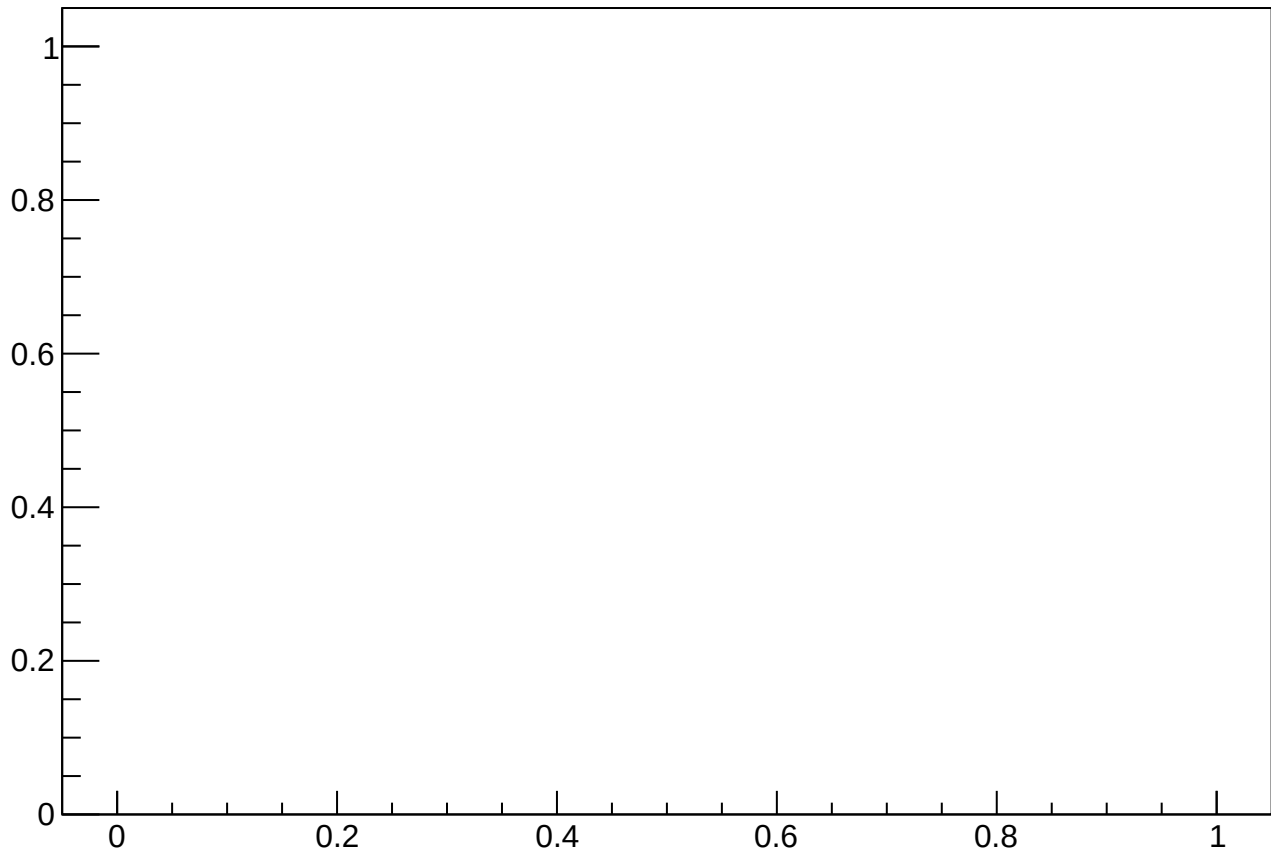
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

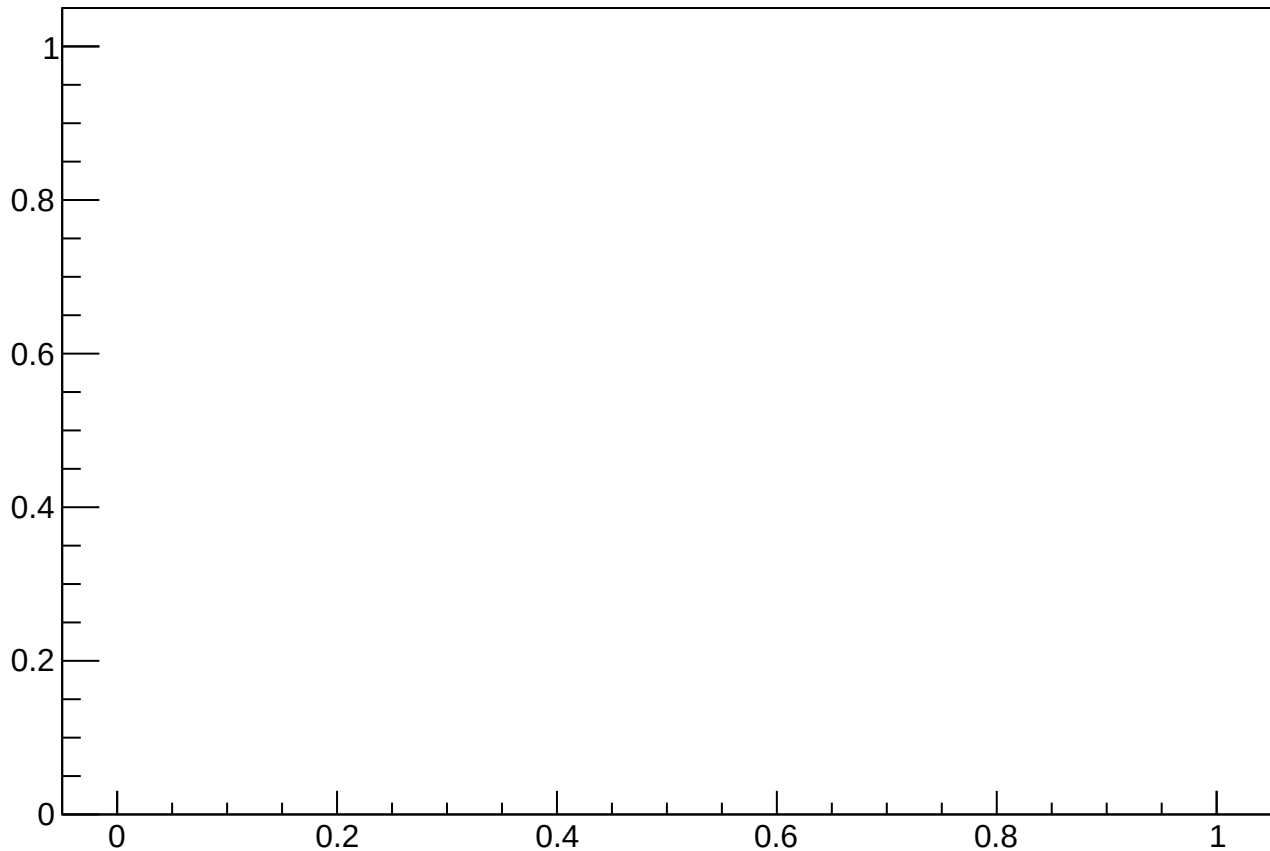
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

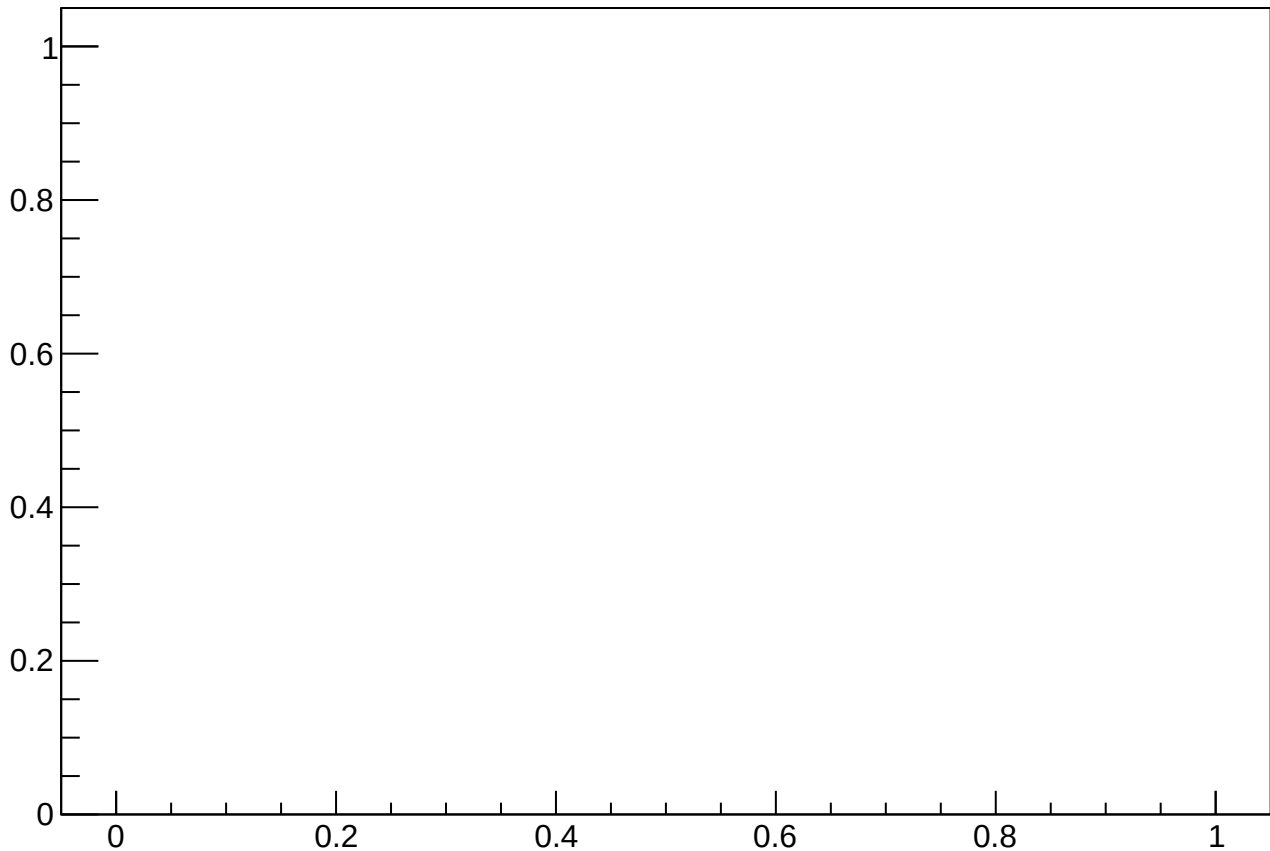
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

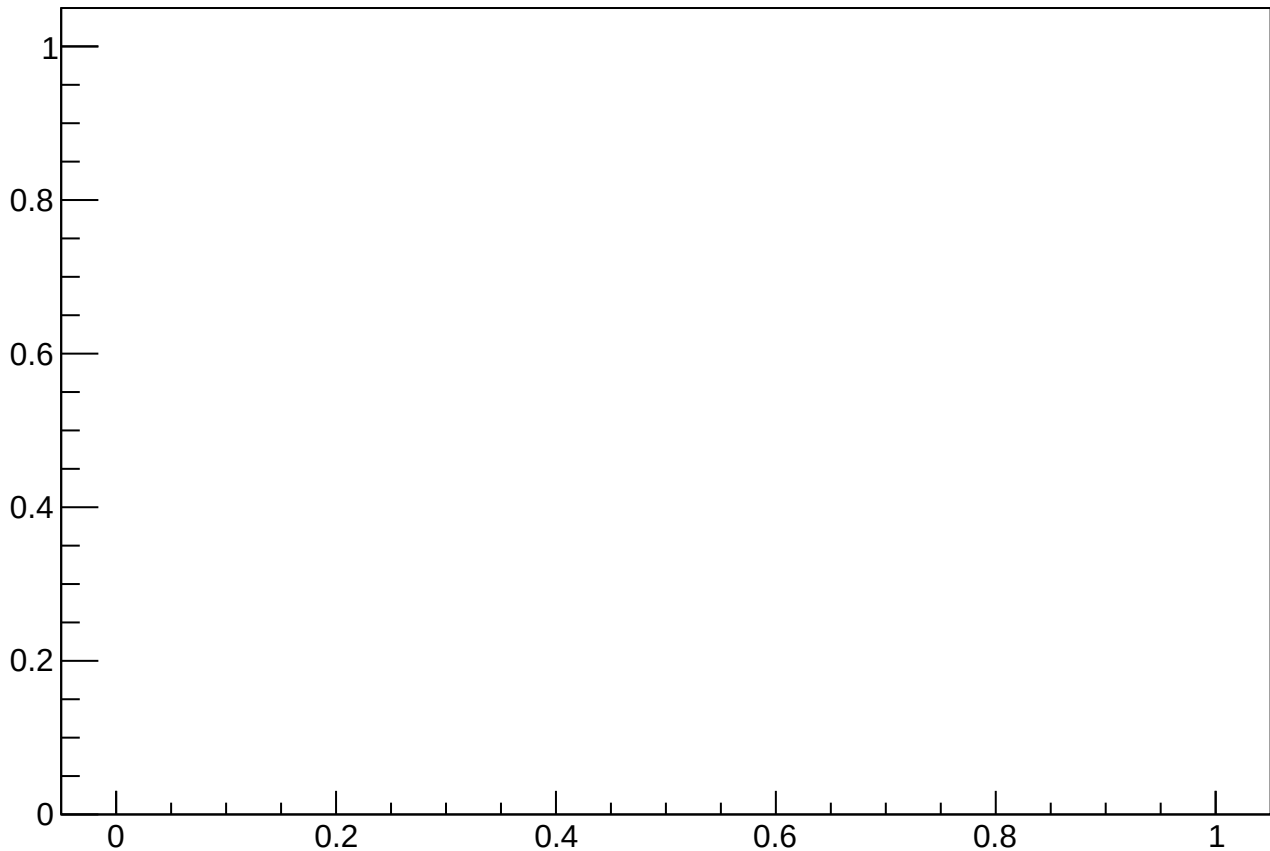
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

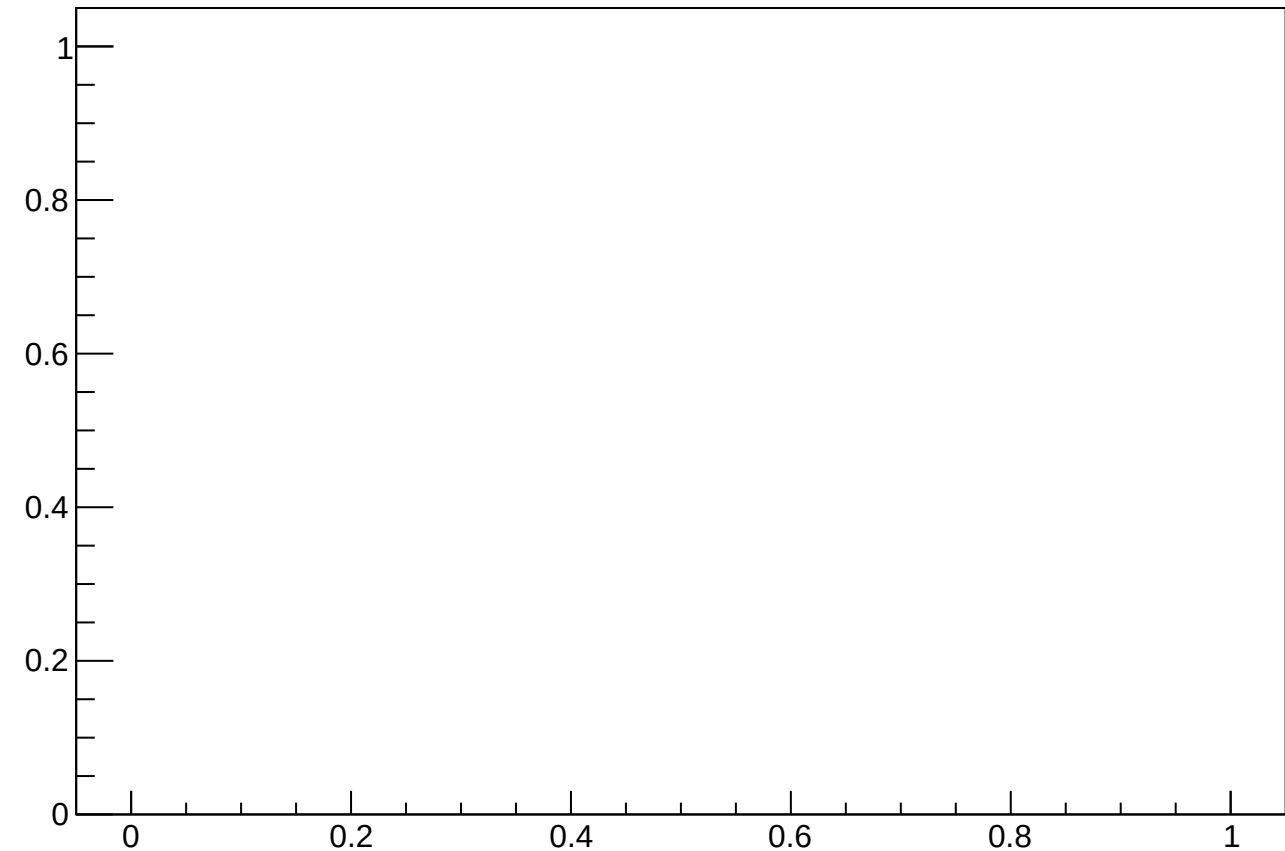
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

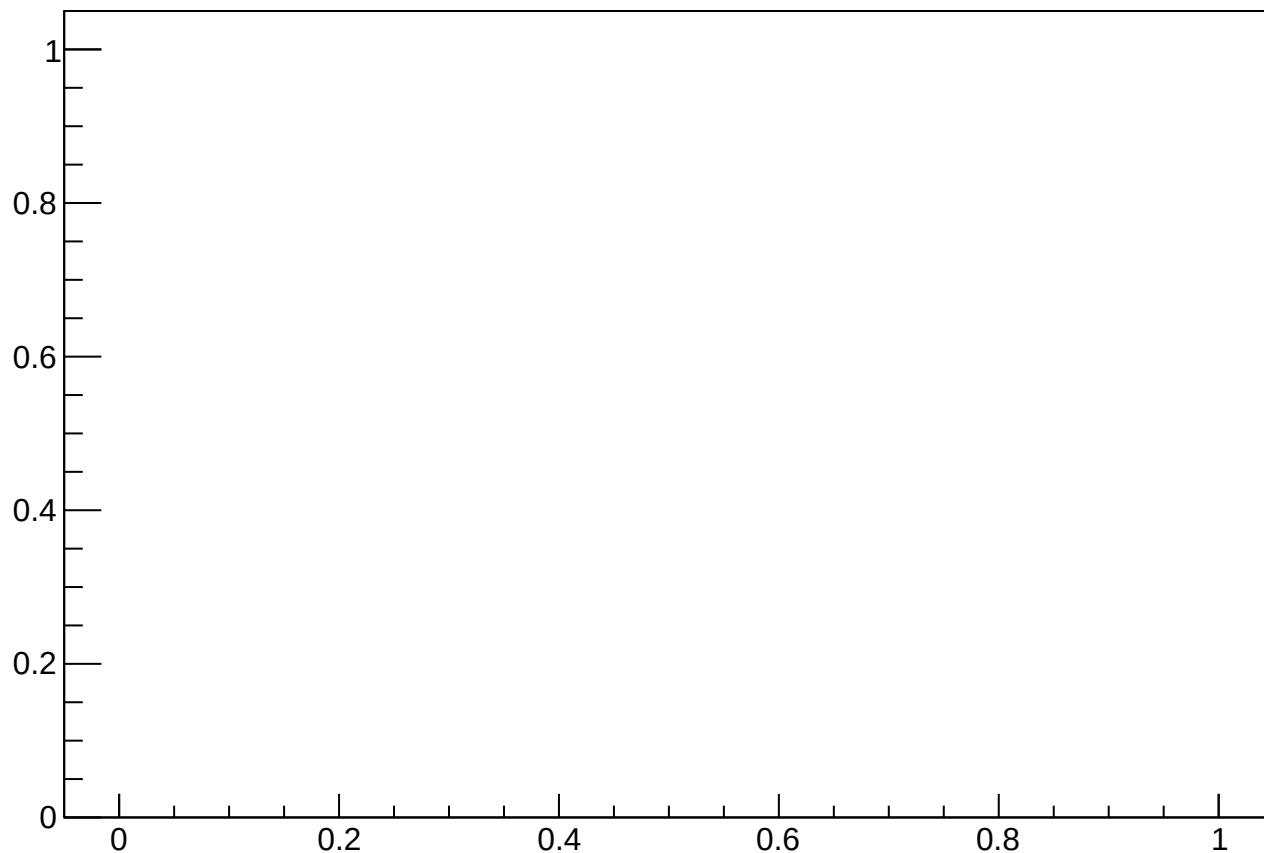
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

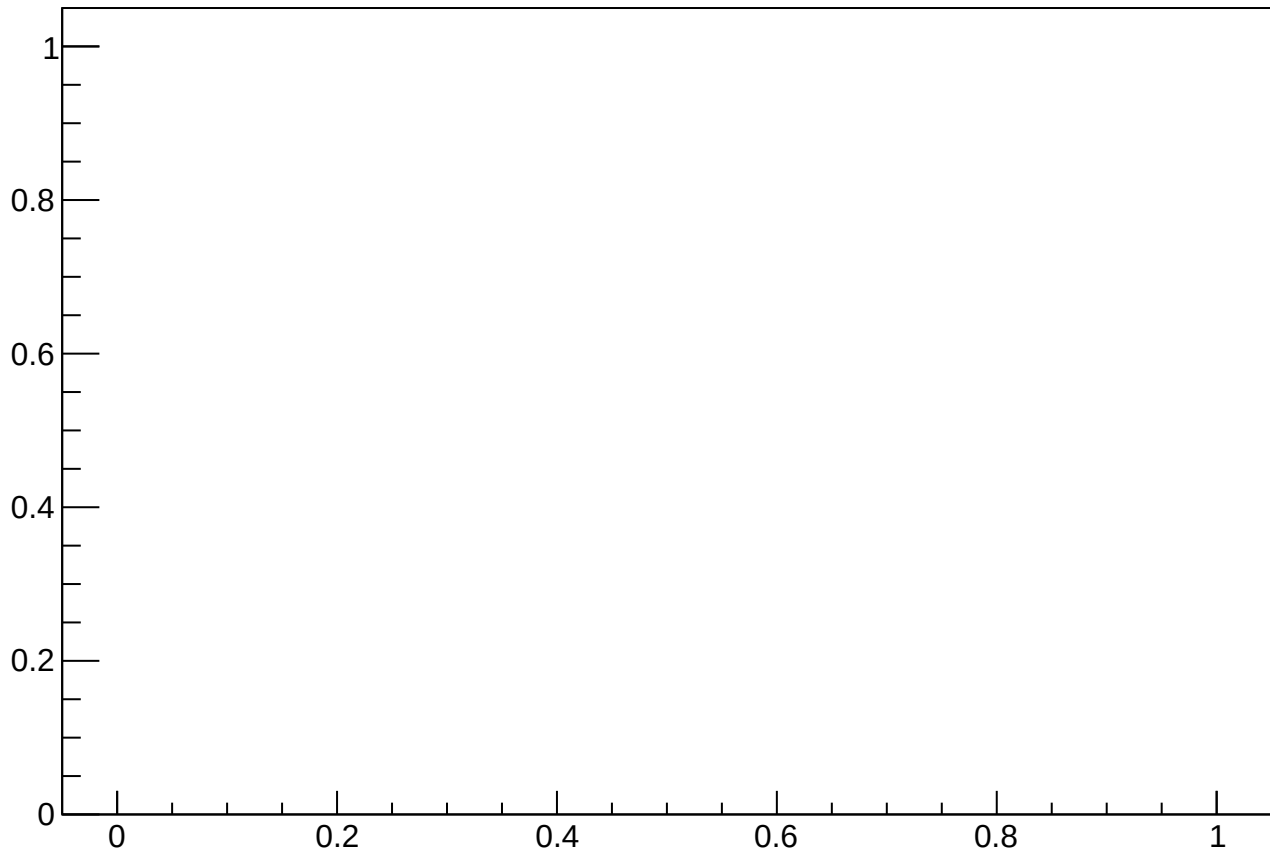
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

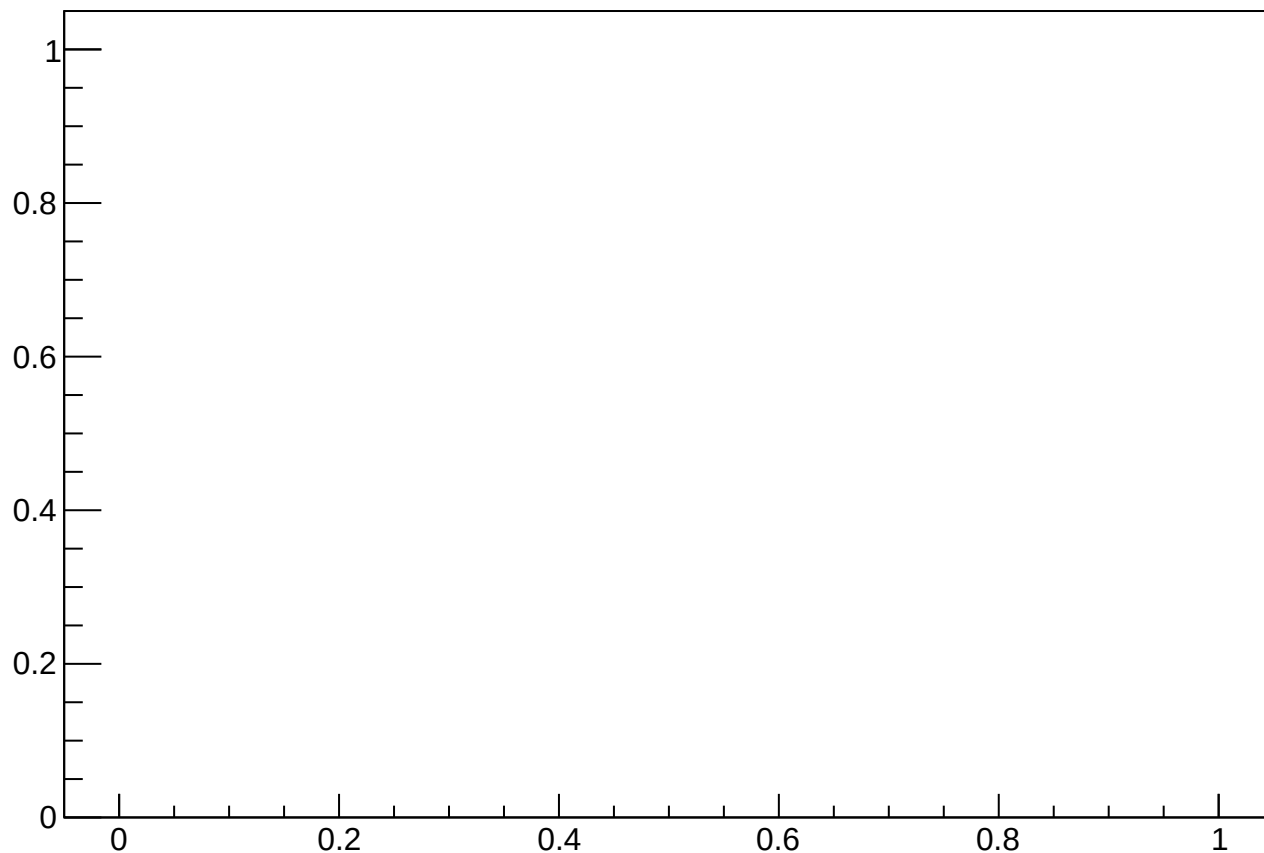
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

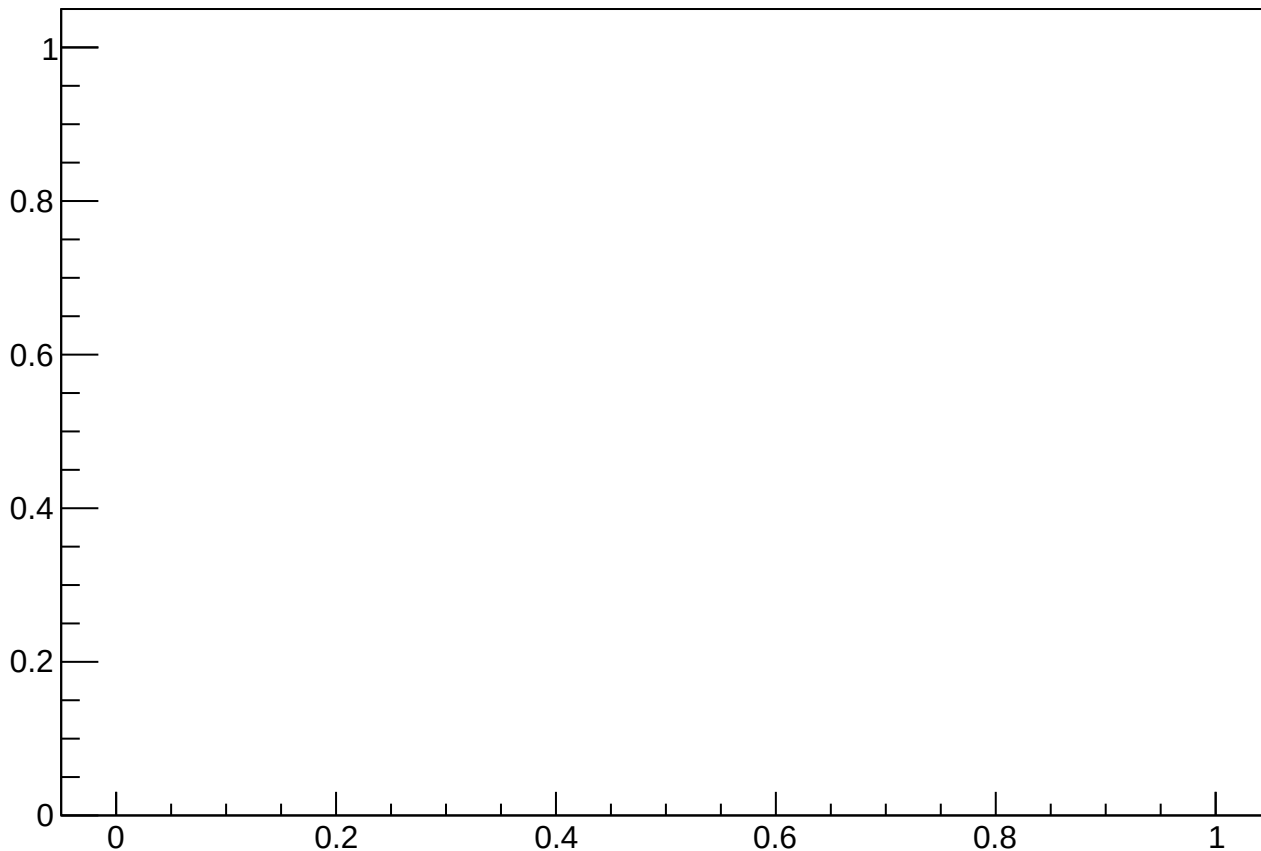
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

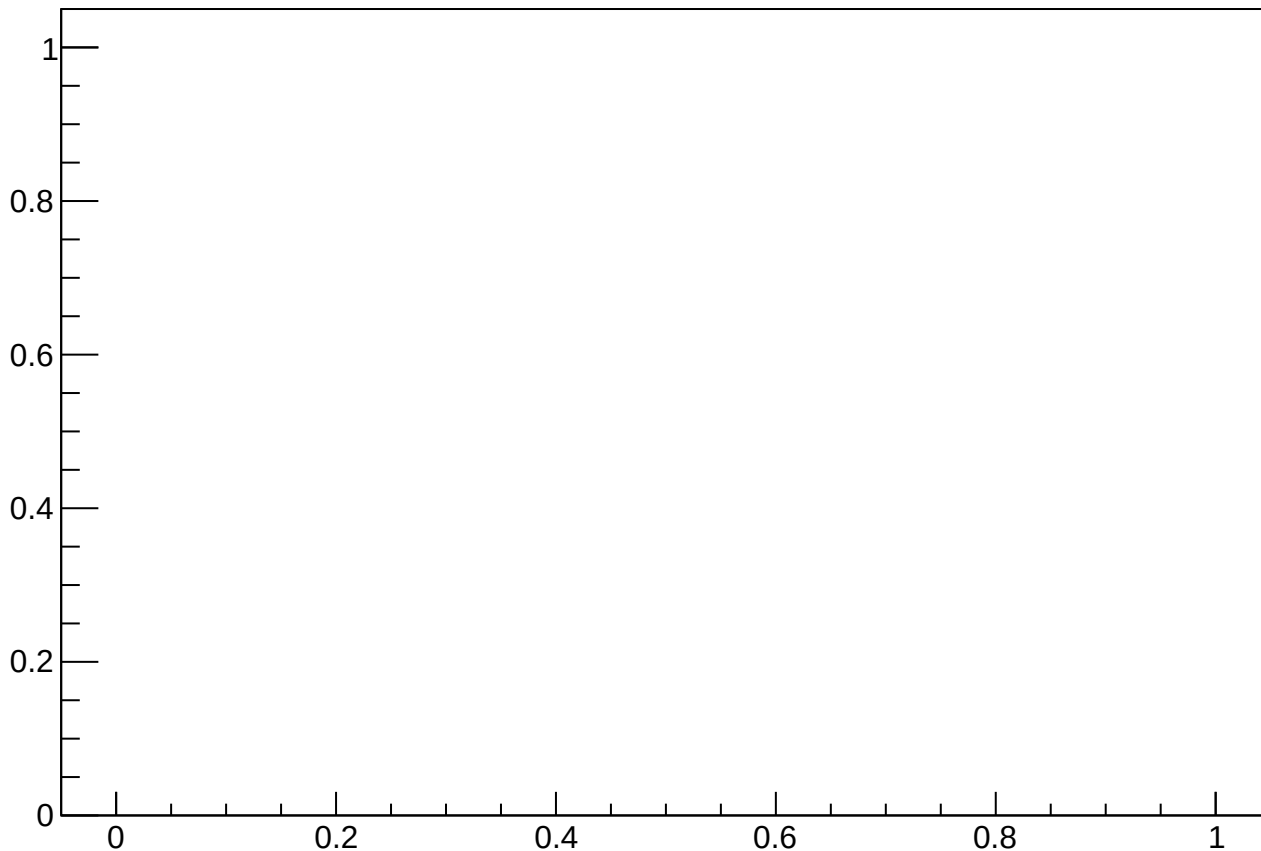
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

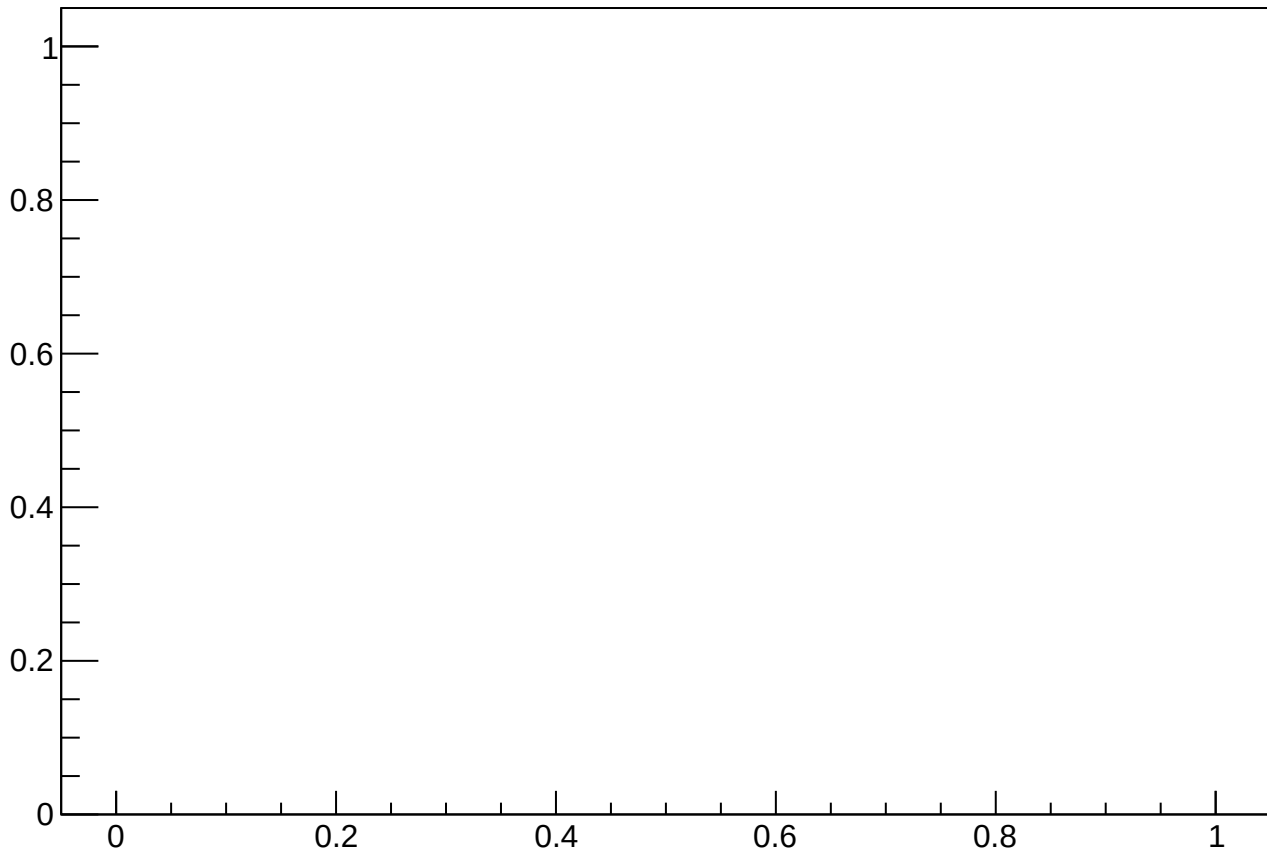
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

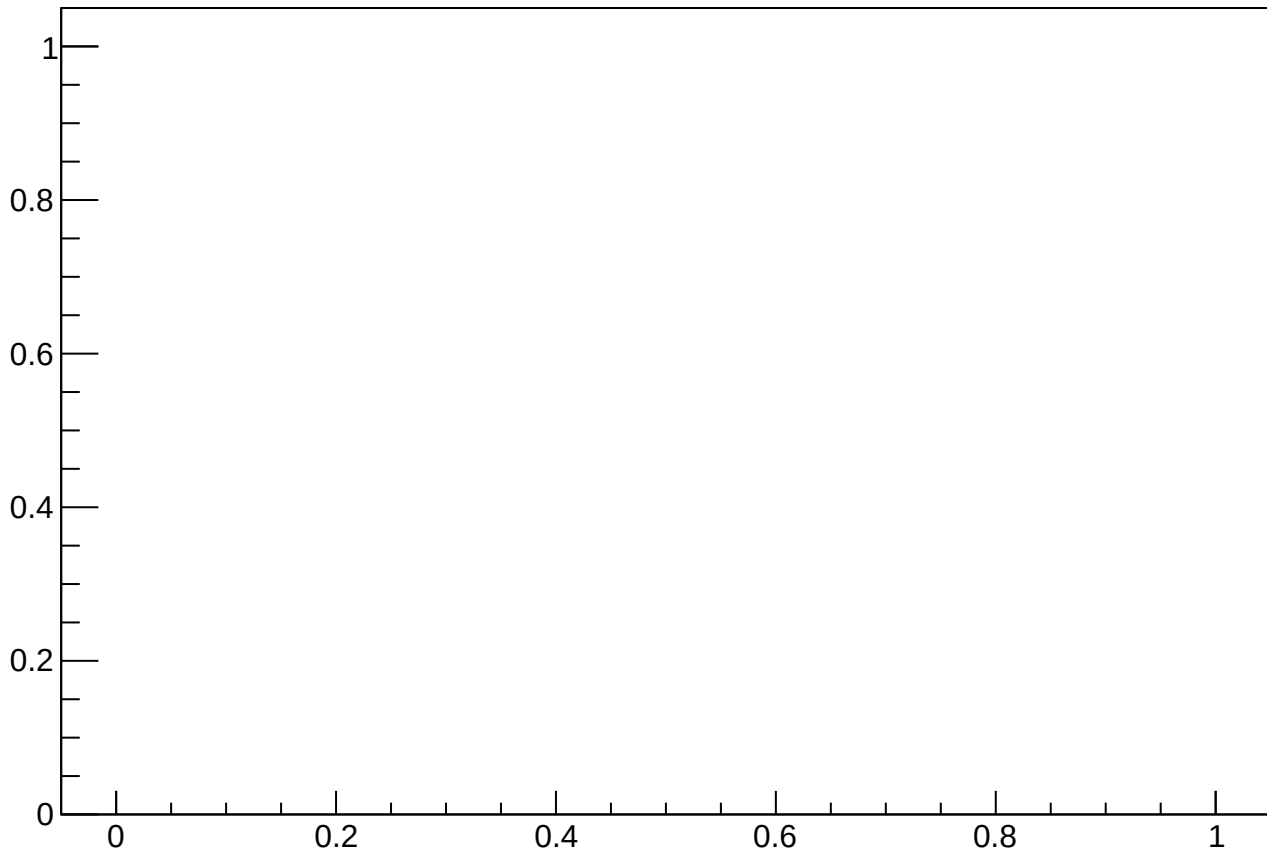
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

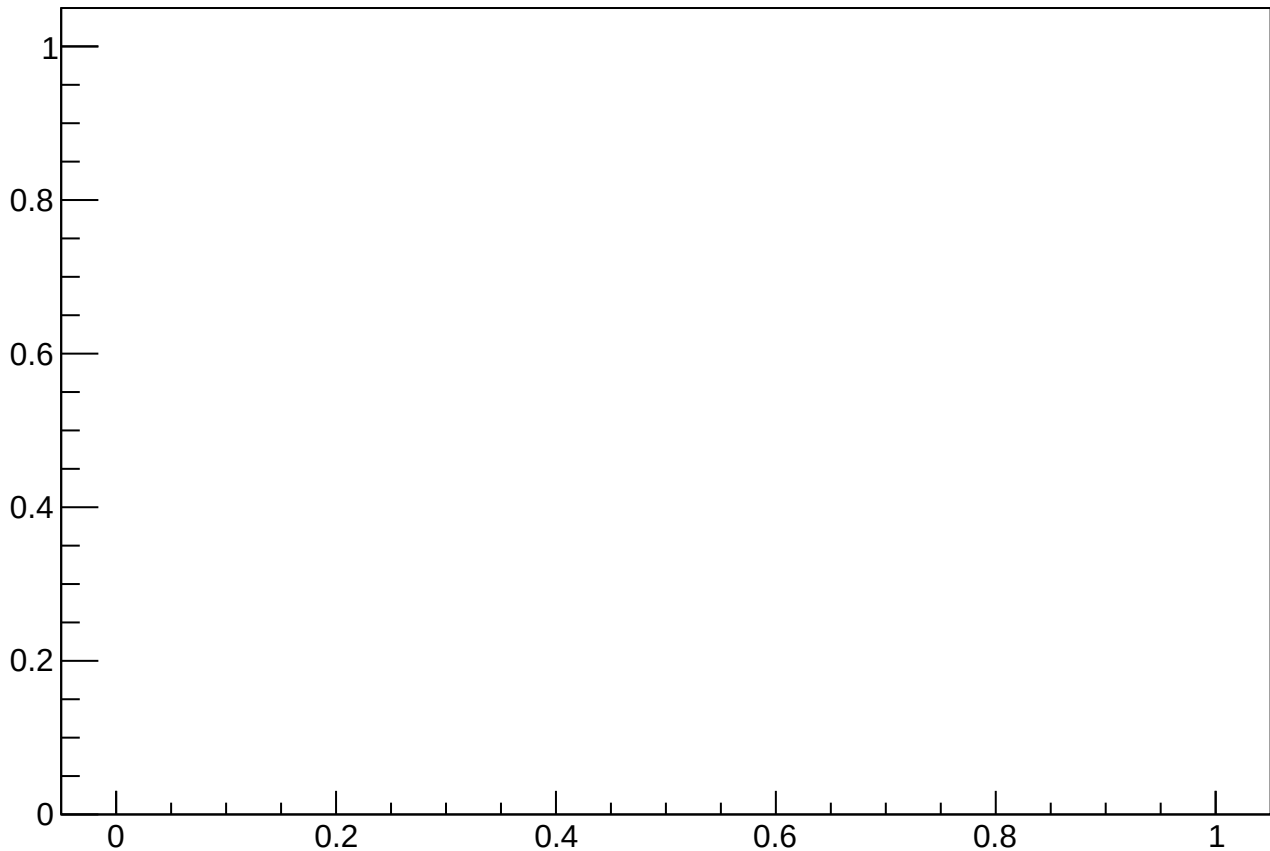
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

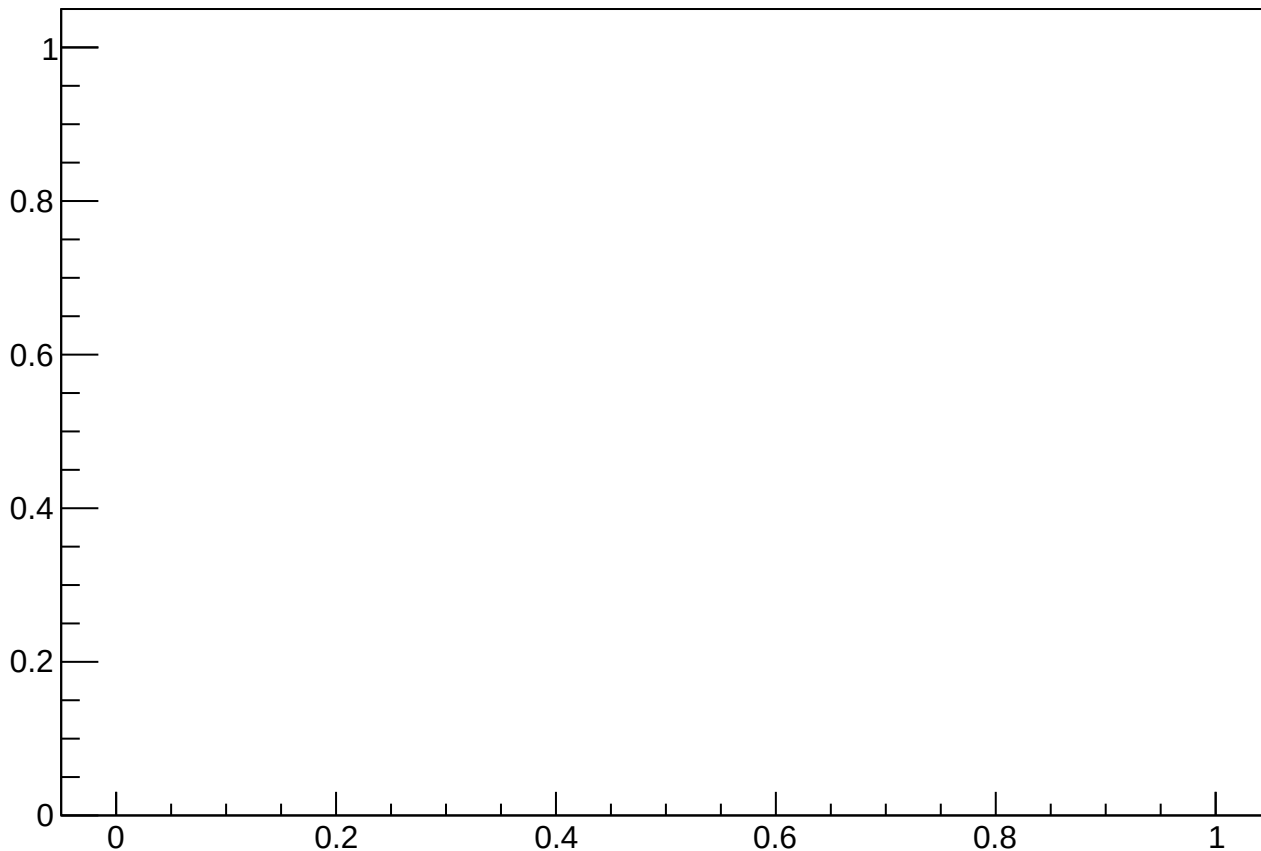
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

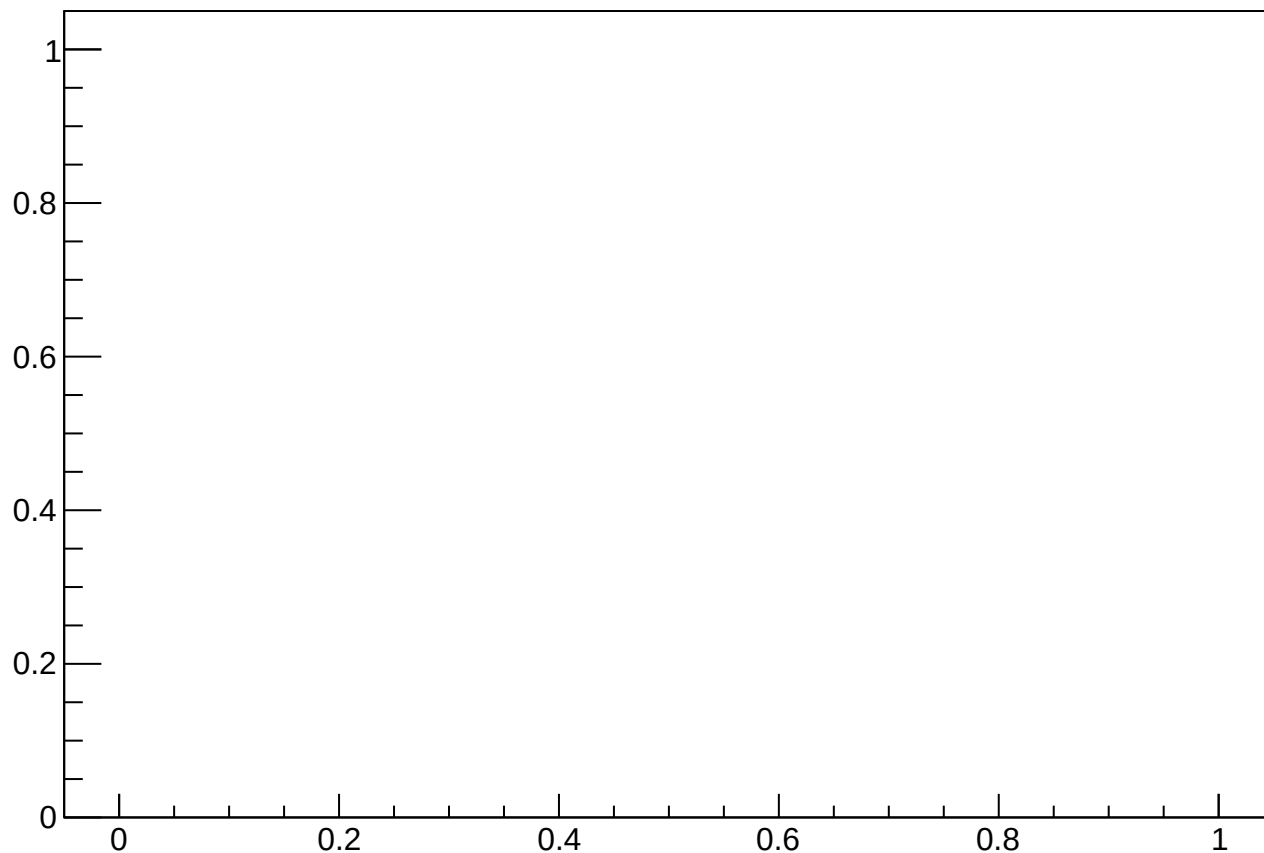
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

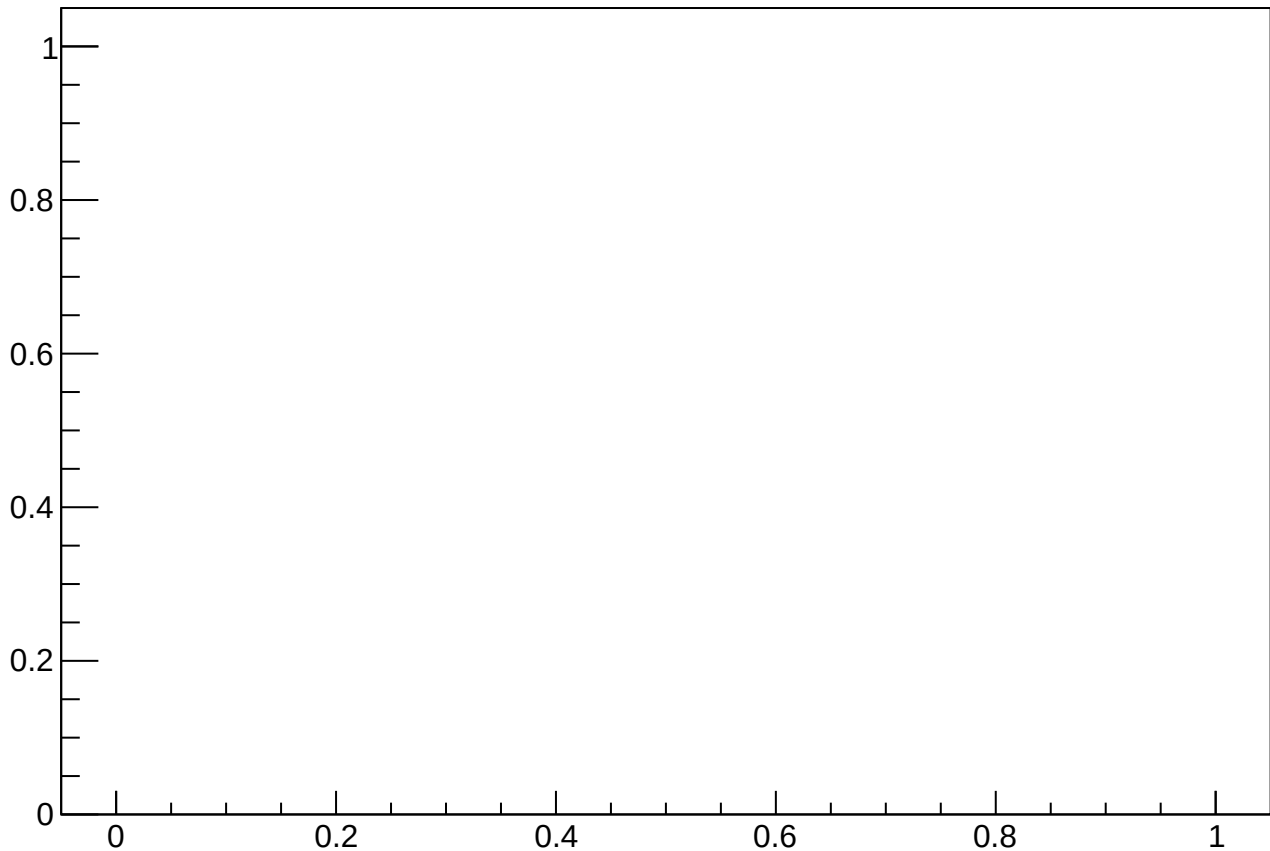
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

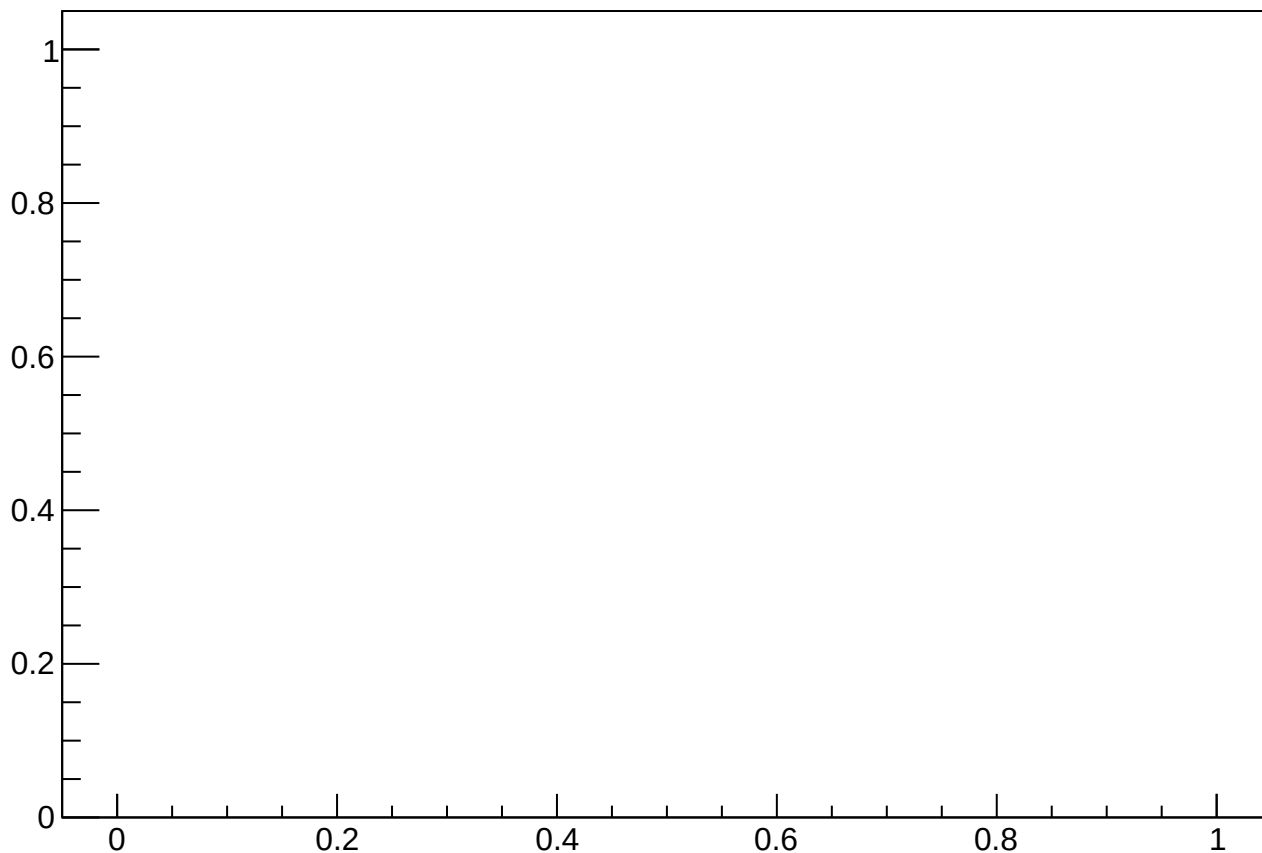
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

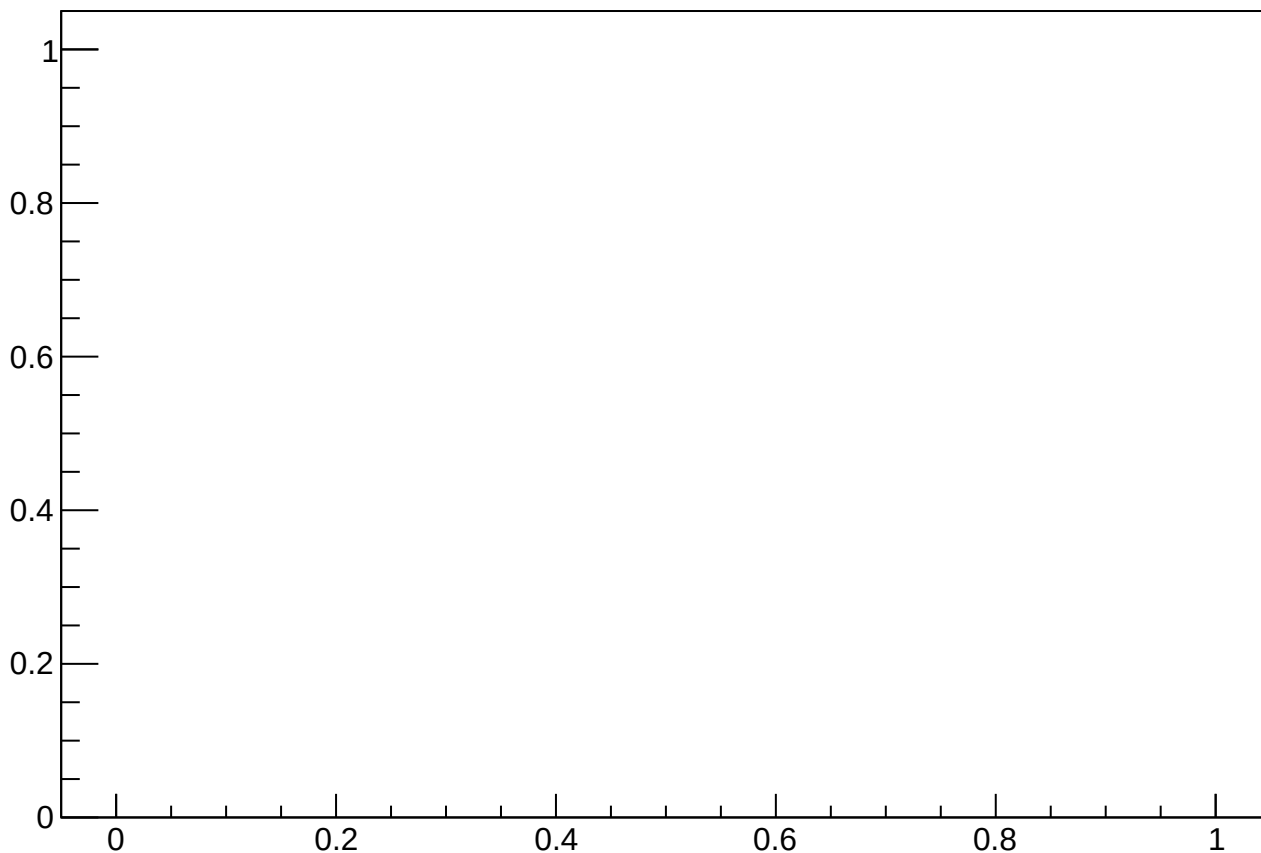
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

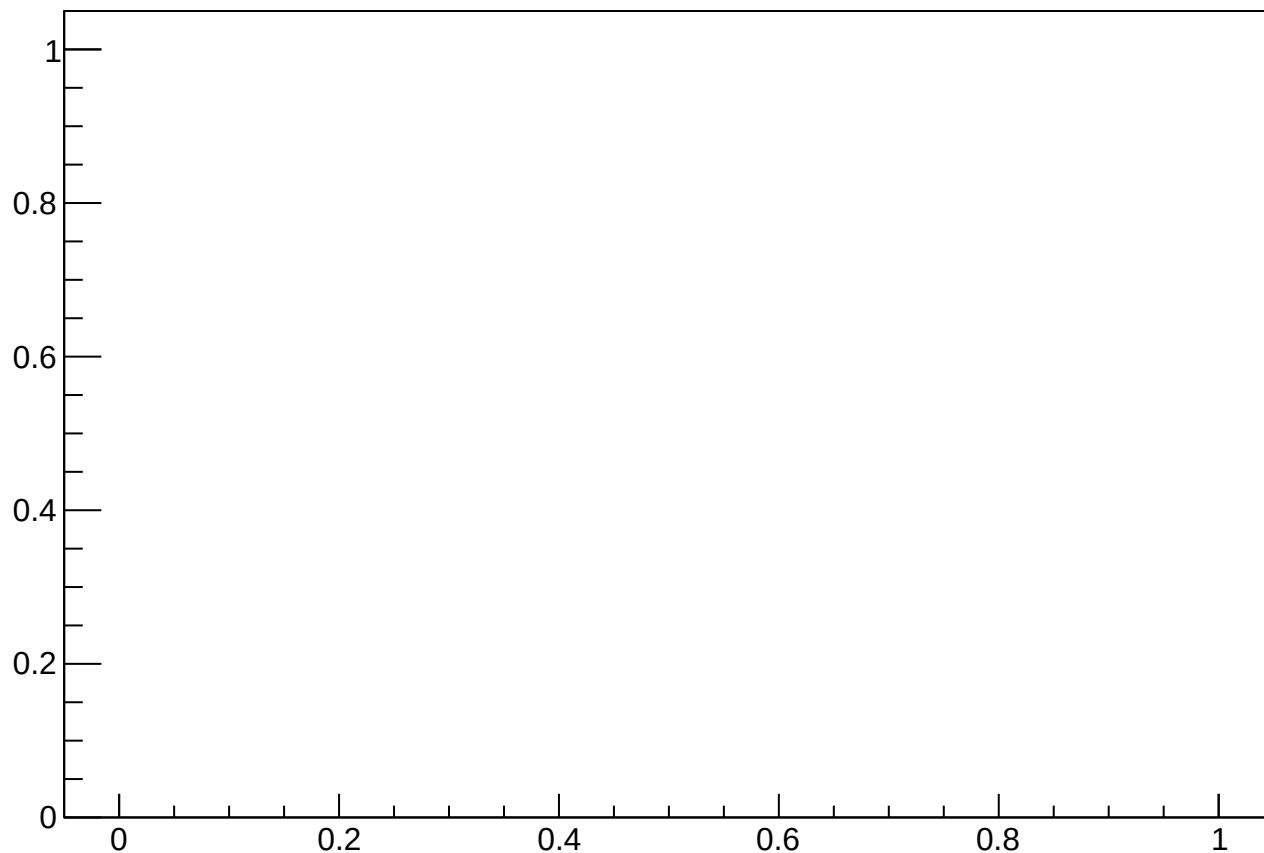
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

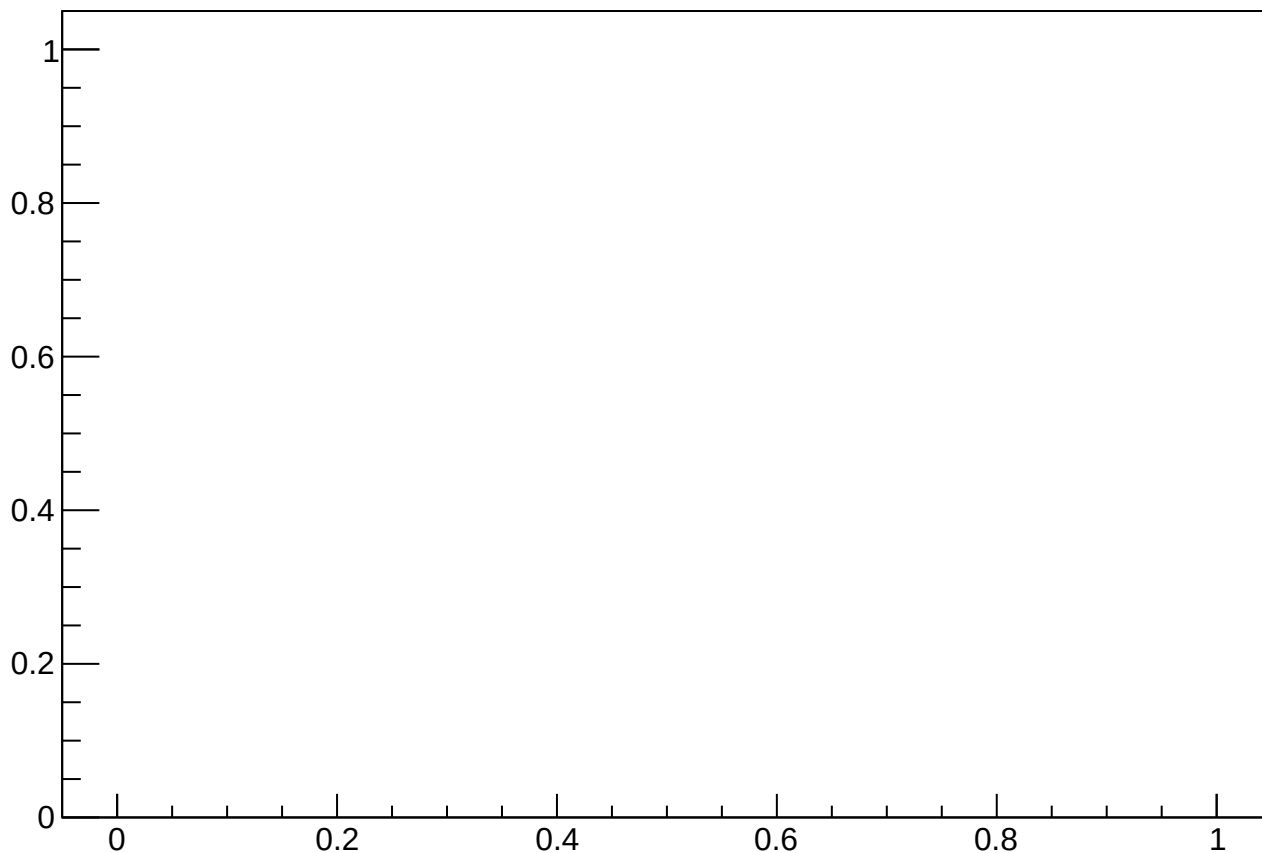
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

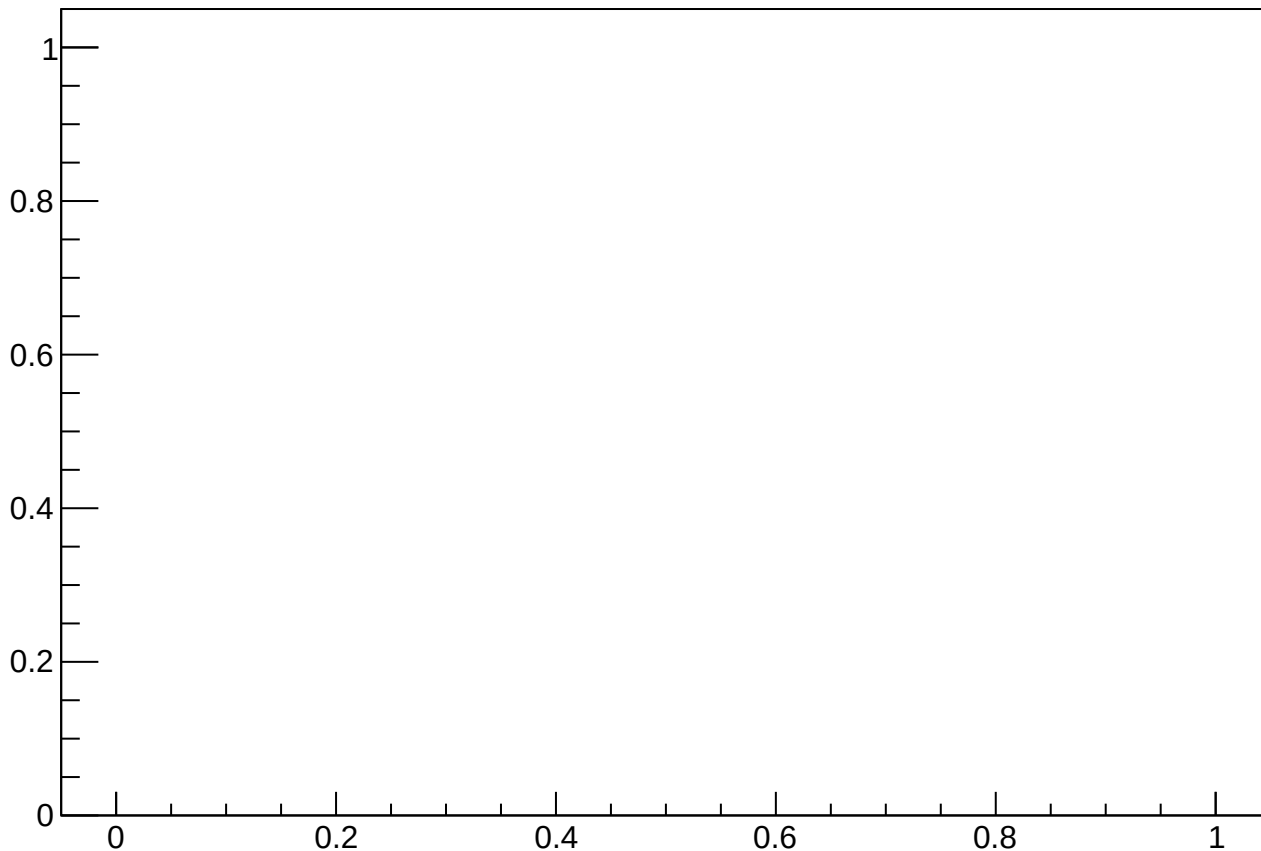
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

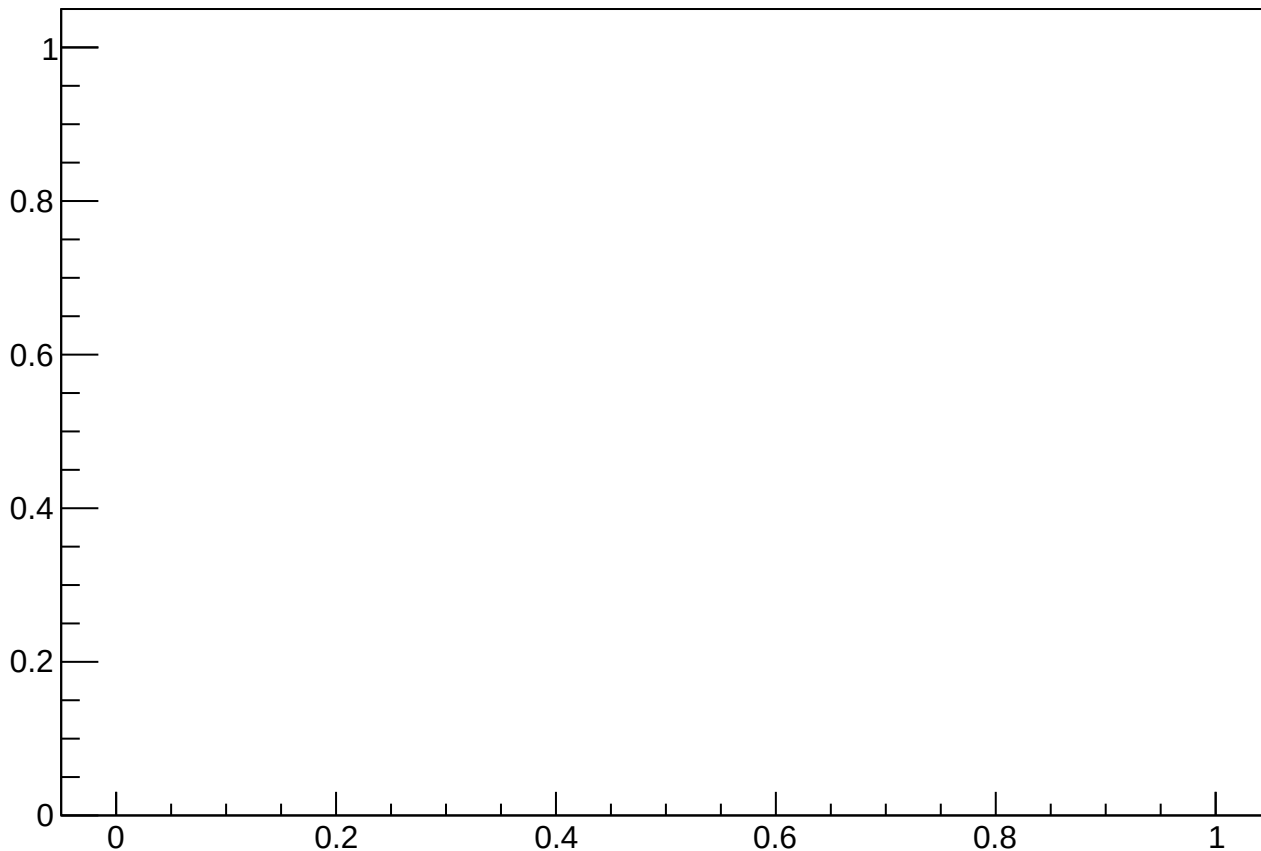
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

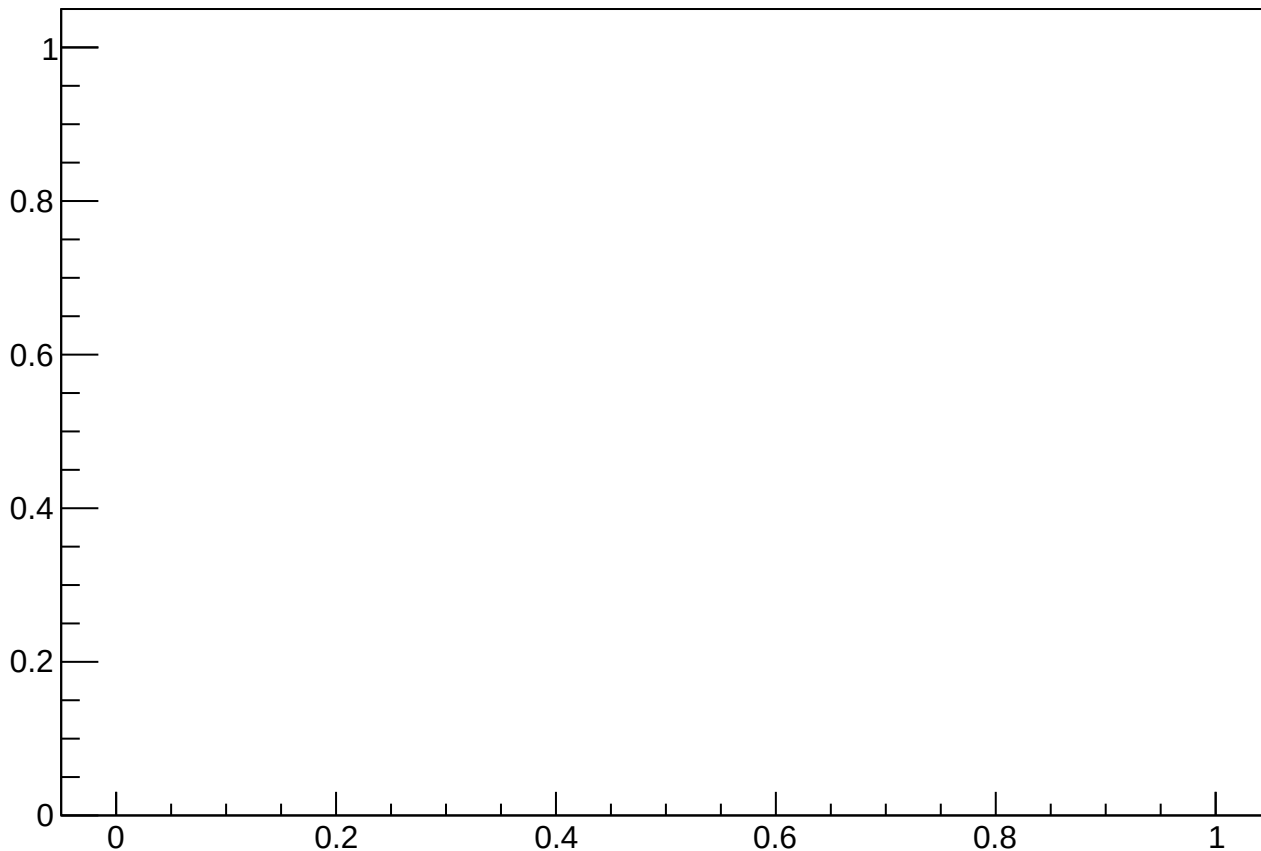
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

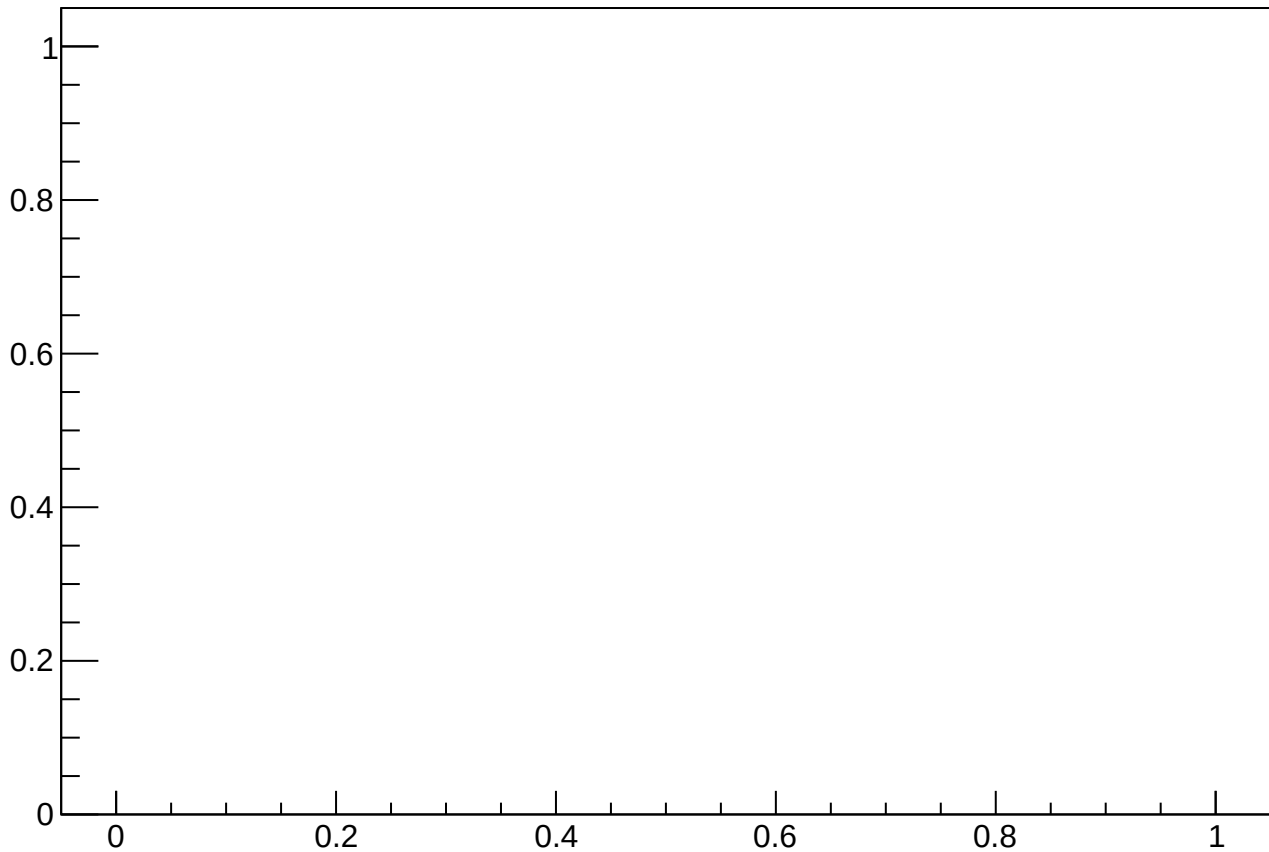
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

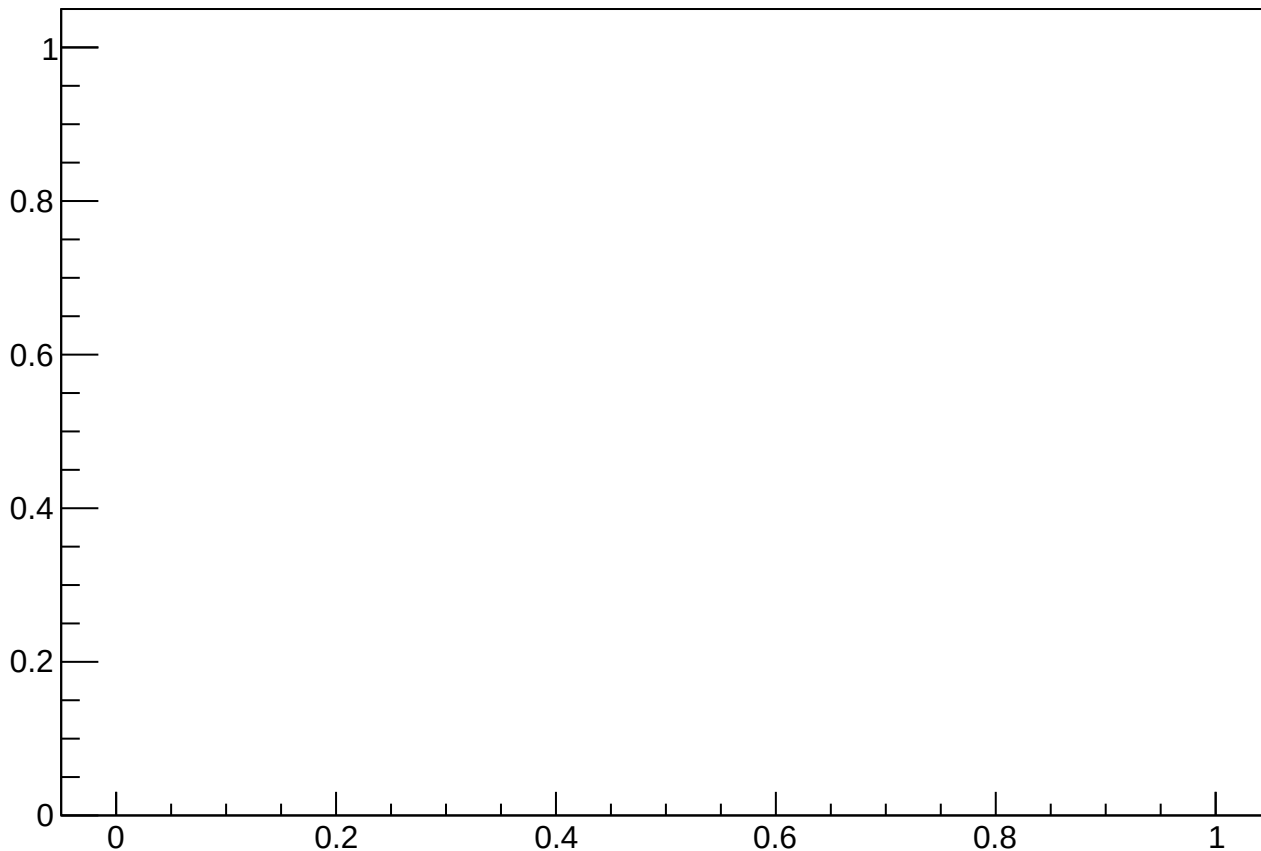
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

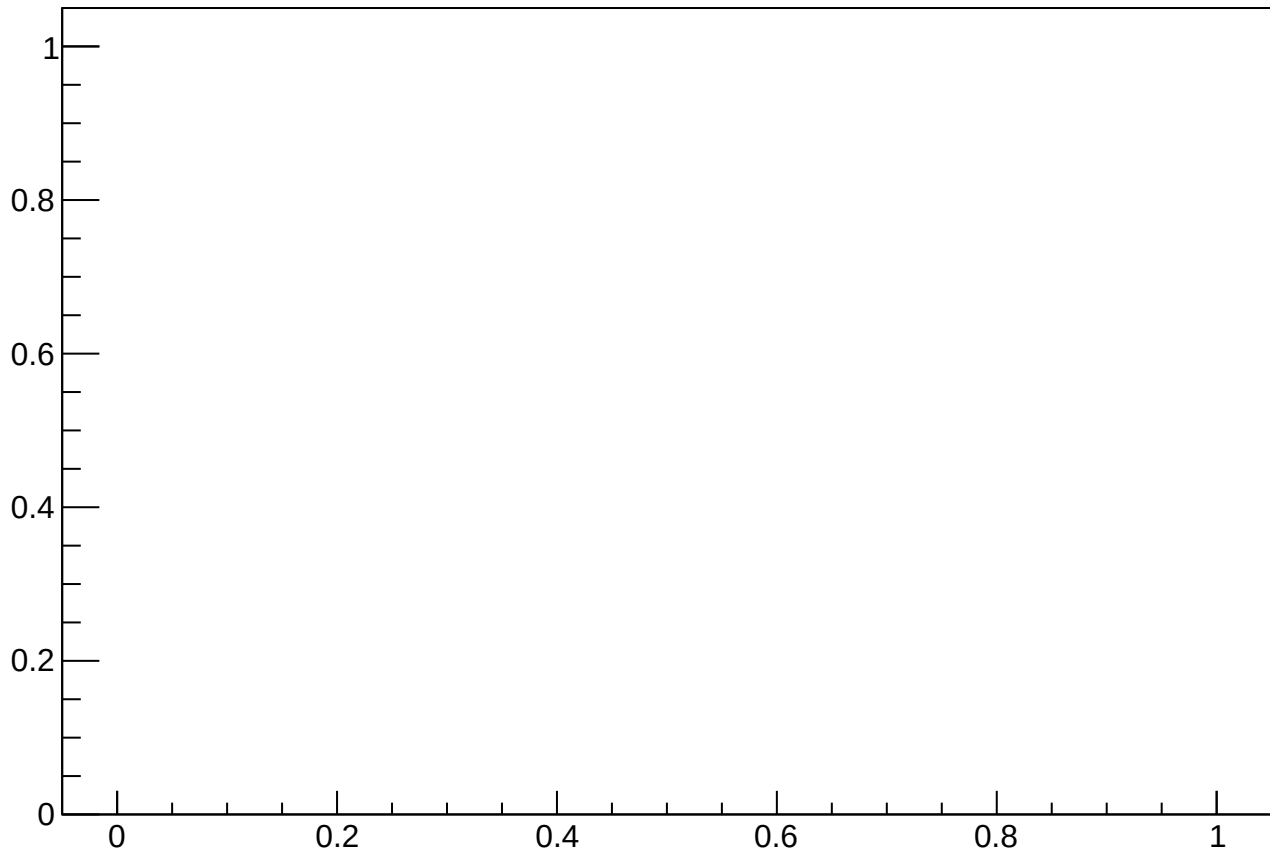
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

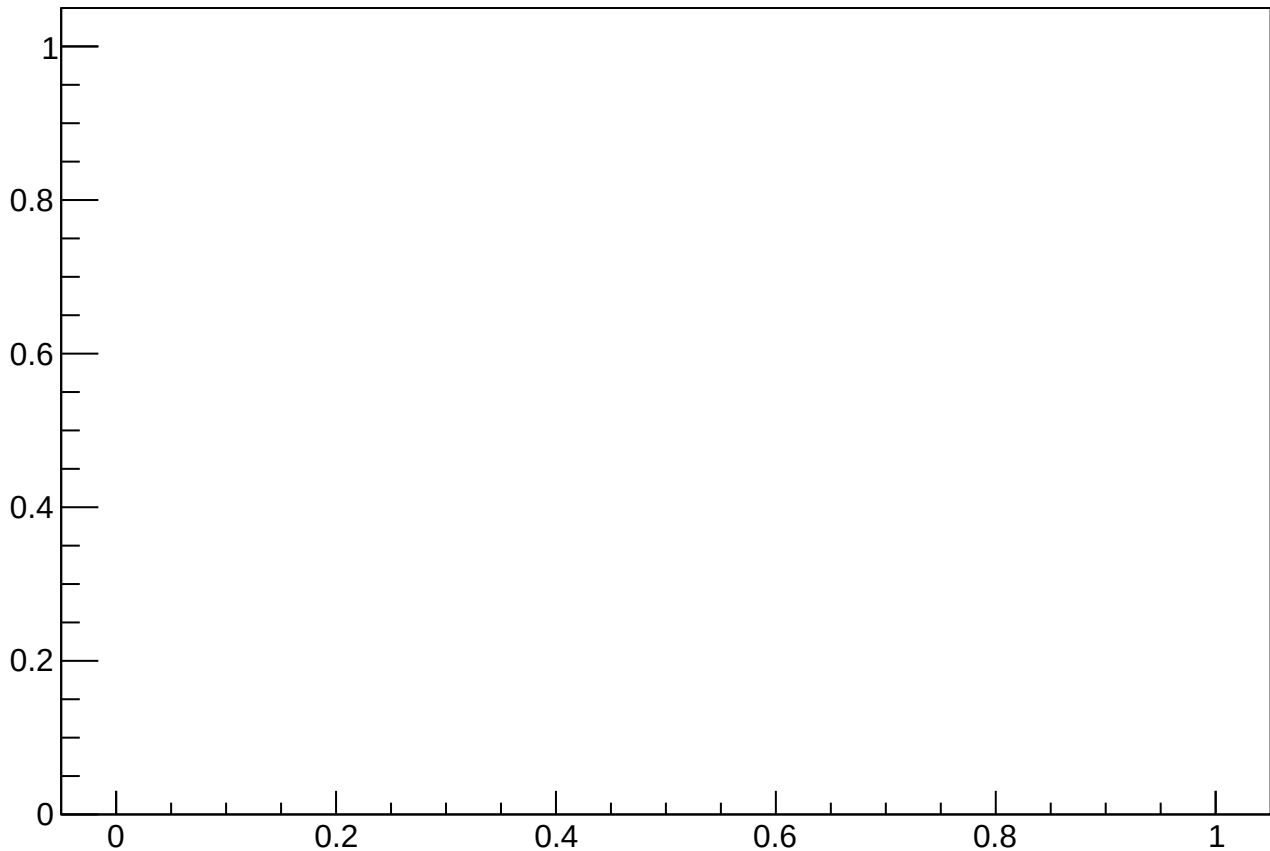
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

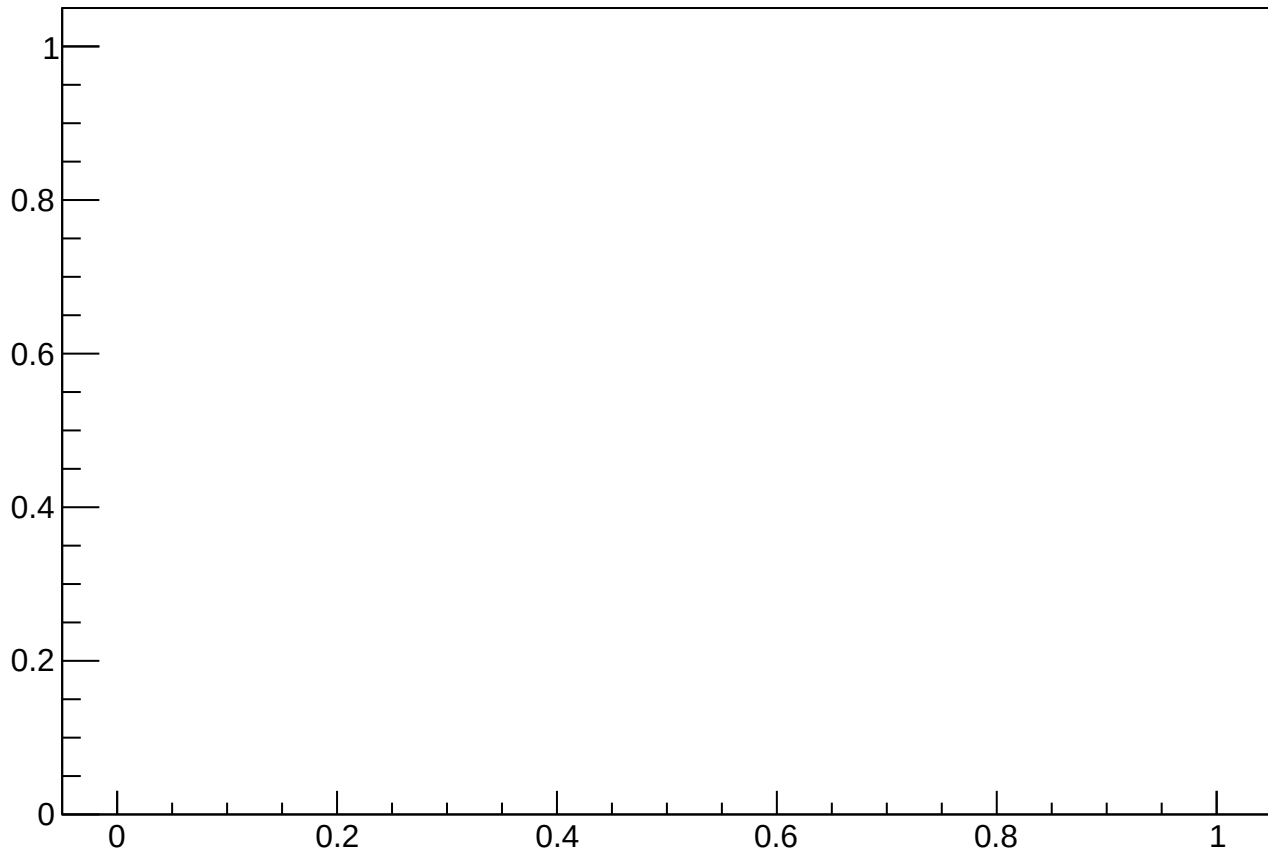
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

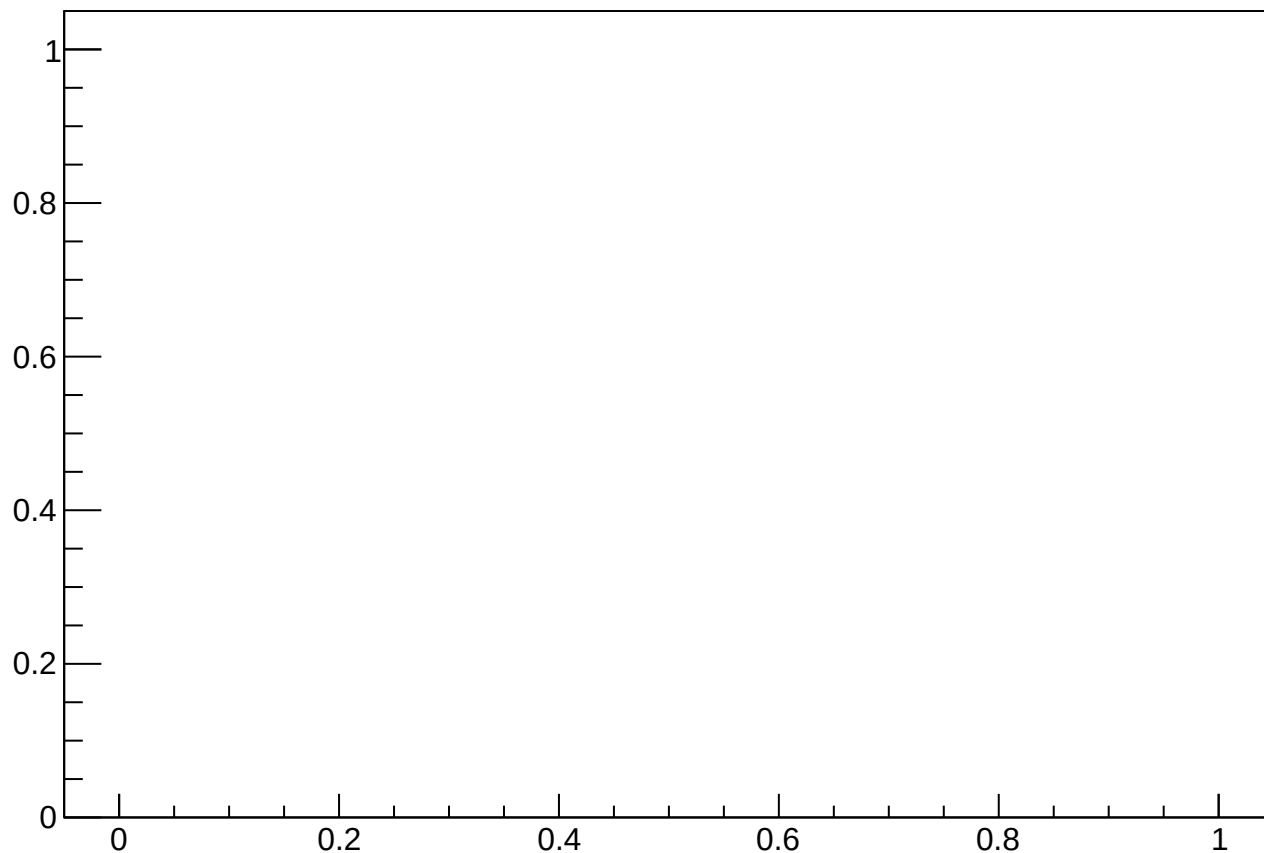
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

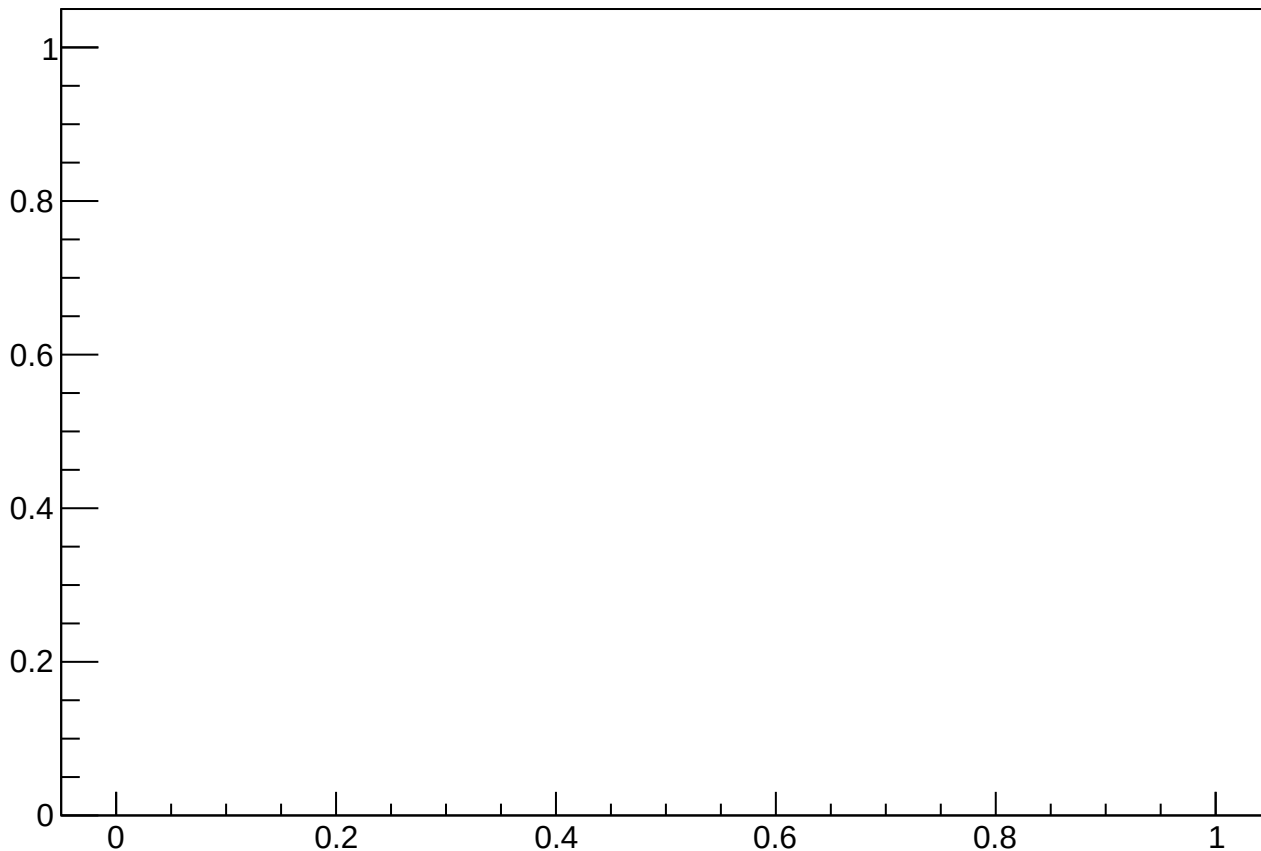
dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

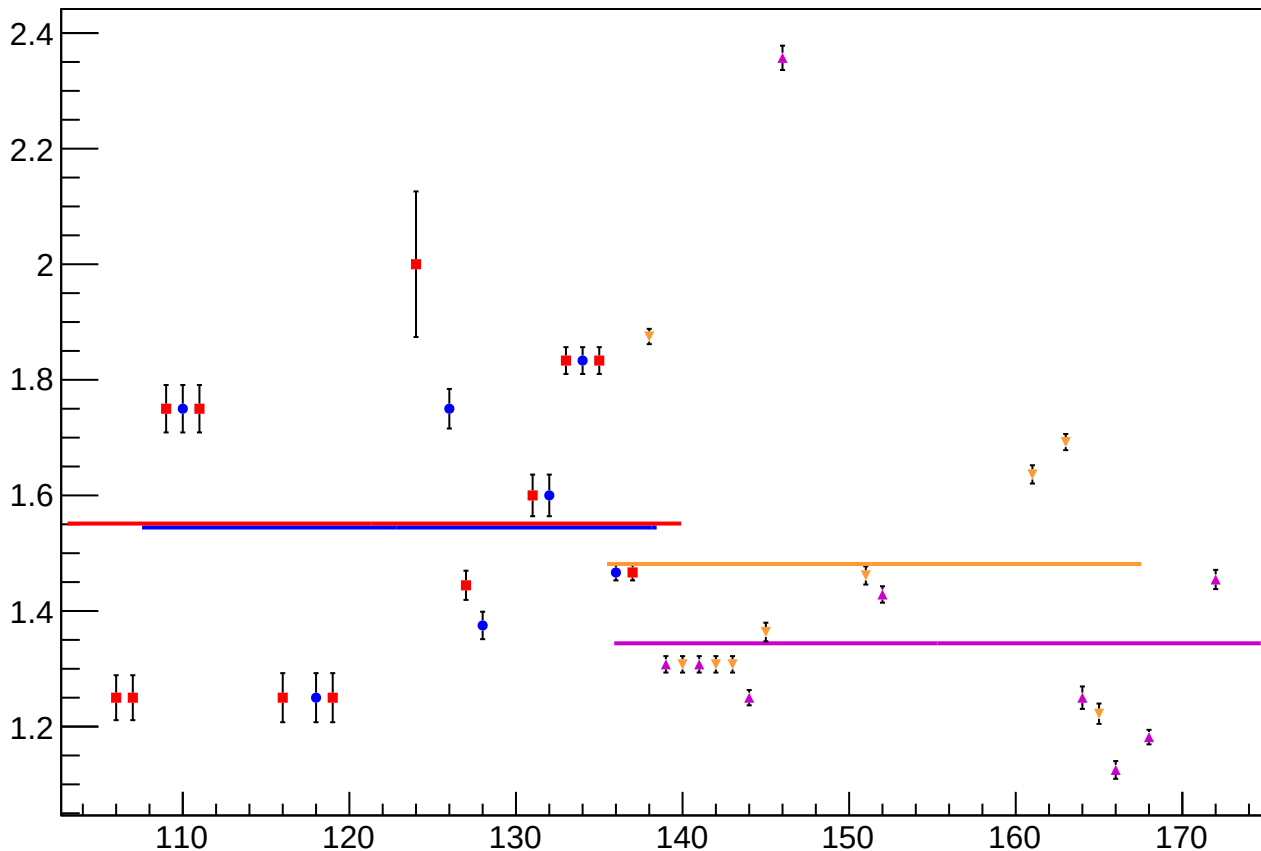
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.481 $\pm$ 0.005 χ^2 /NDF:1927.1/8

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.344 $\pm$ 0.005 χ^2 /NDF:2852.1/8

Left: 1.414 $\pm$ 0.004 χ^2 /NDF: 5158.2/17

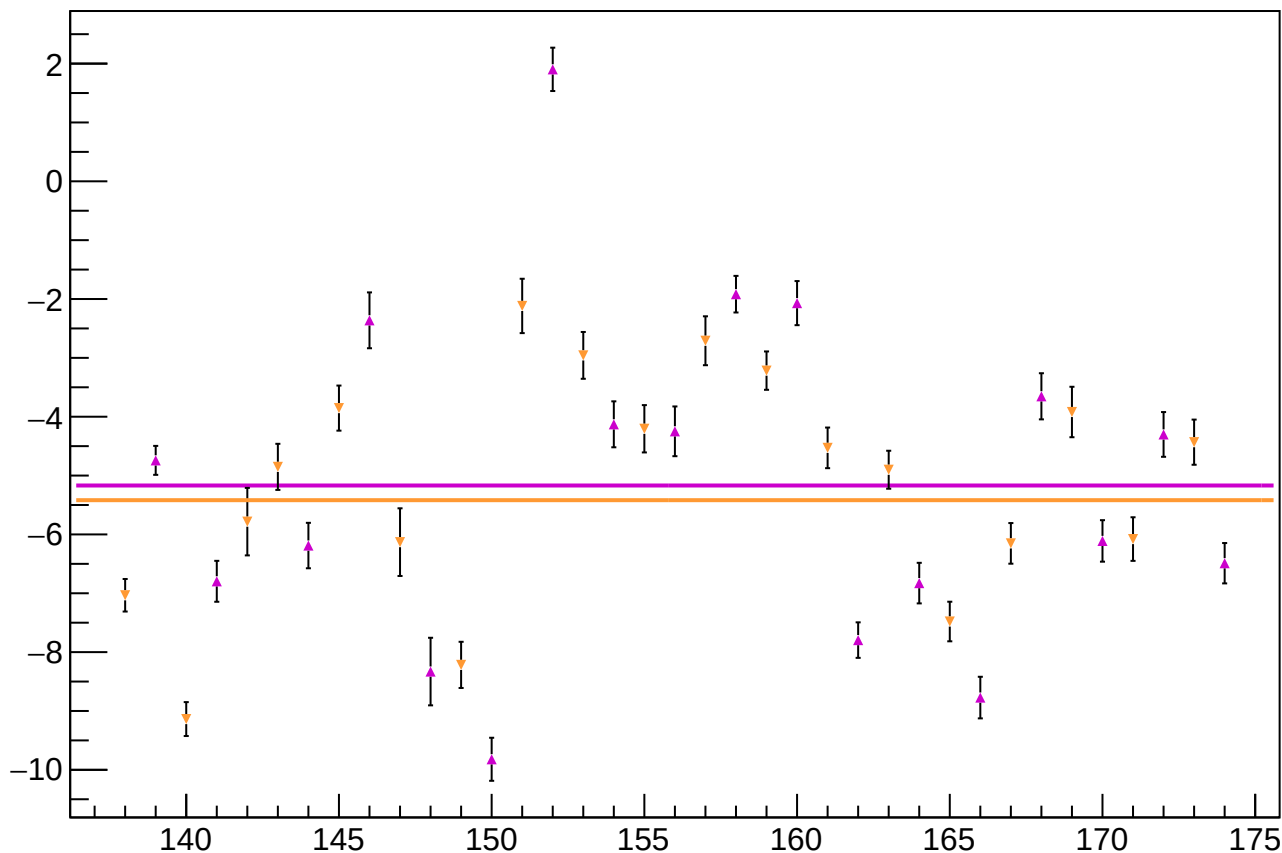
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.390 $\pm$ 0.004 χ^2 /NDF:3564.8/15

Out: 1.500 $\pm$ 0.004 χ^2 /NDF:2614.4/20

All: 1.447 $\pm$ 0.003 χ^2 /NDF: 6505.9/36

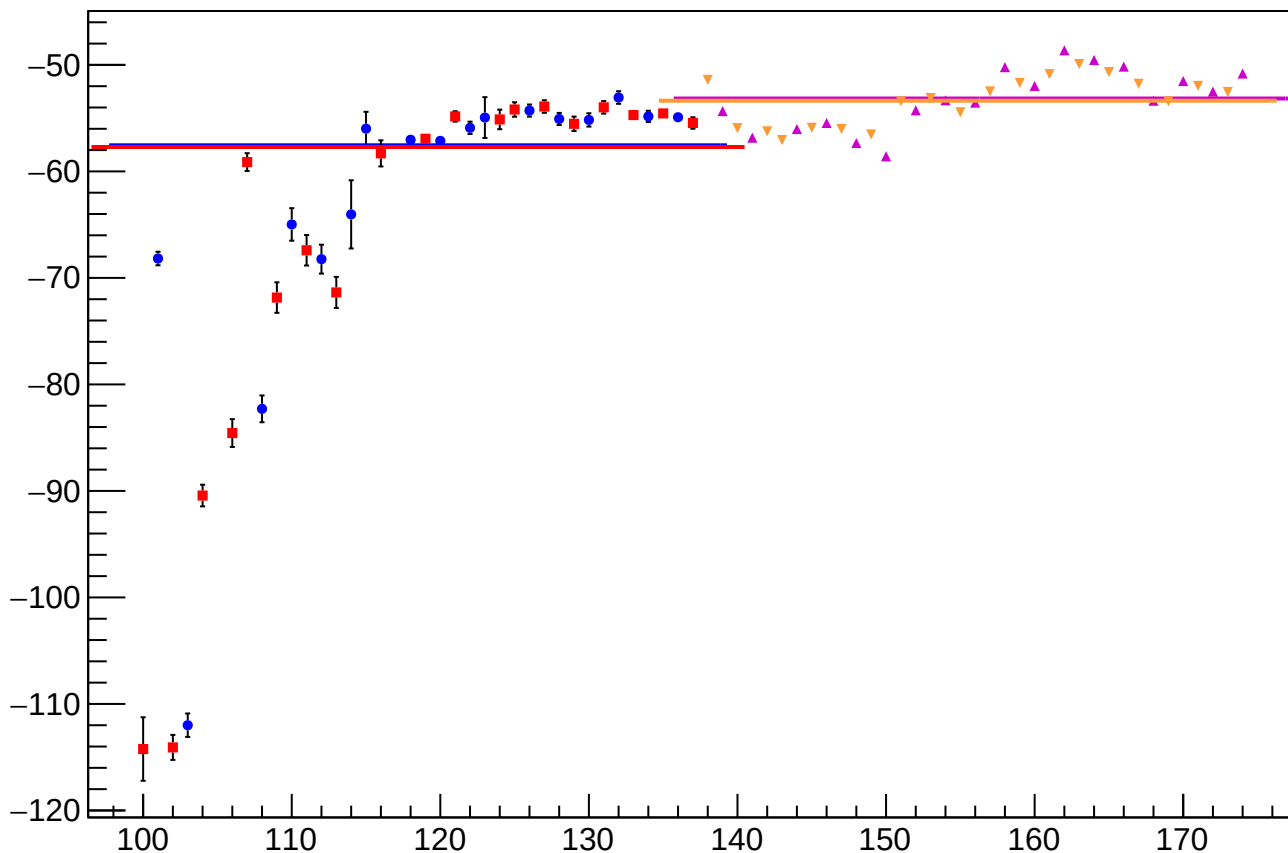
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -5.418+/-0.085 χ^2/NDF :532.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.169+/-0.084 χ^2/NDF :1062.1/17

Left: -5.292+/-0.060 χ^2/NDF : 1598.7/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.169+/-0.084 χ^2/NDF :1062.1/17
 Out: -5.418+/-0.085 χ^2/NDF :532.3/18
 All: -5.292+/-0.060 χ^2/NDF : 1598.7/36

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -53.362 ± 0.064 χ^2/NDF : 1229.0/18

Right Out: -57.711 ± 0.143 χ^2/NDF : 4703.8/18

Left In: -53.158 ± 0.066 χ^2/NDF : 1990.3/17

Left: -53.263 ± 0.046 χ^2/NDF : 3224.3/36

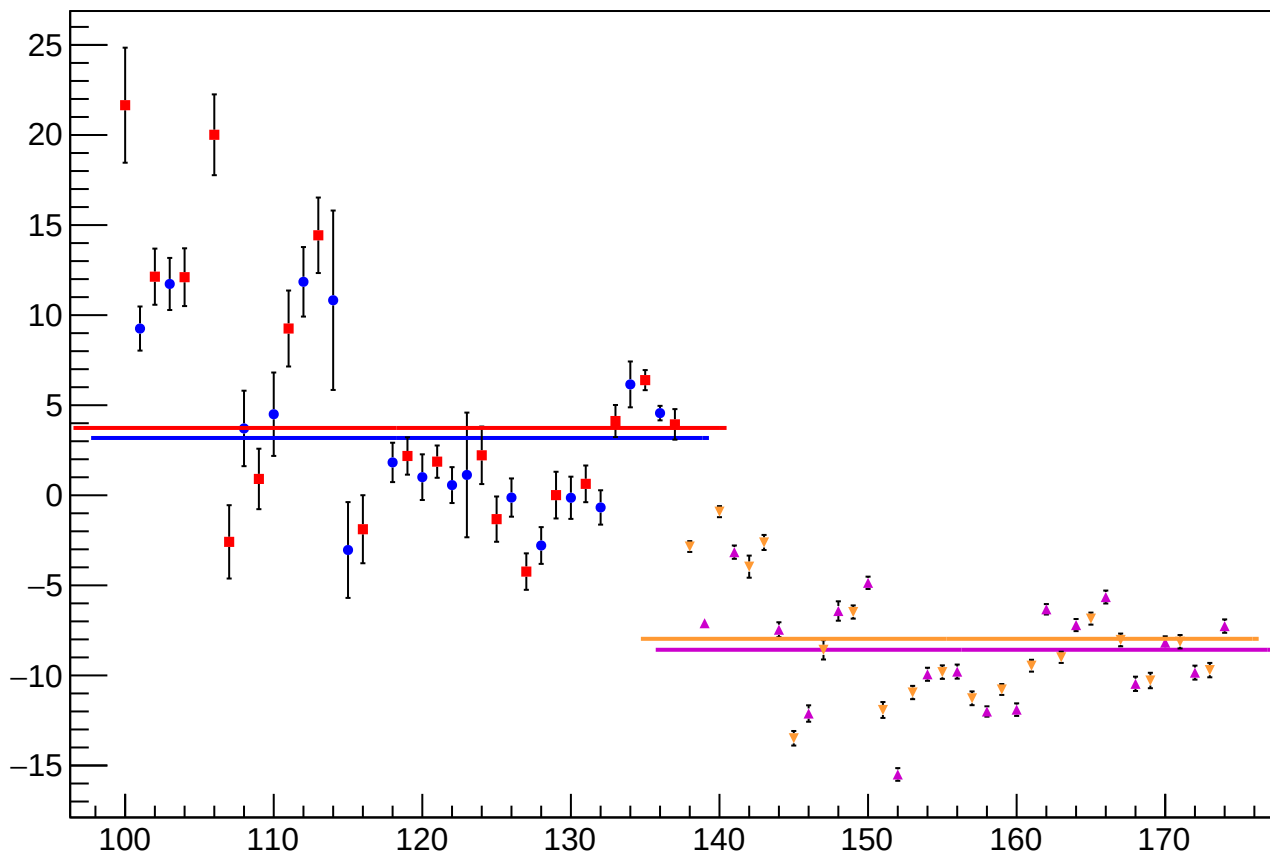
Right: -57.629 ± 0.101 χ^2/NDF : 8164.8/35

In: -53.933 ± 0.059 χ^2/NDF : 6242.8/34

Out: -54.085 ± 0.058 χ^2/NDF : 6706.4/37

All: -54.011 ± 0.042 χ^2/NDF : 12952.5/72

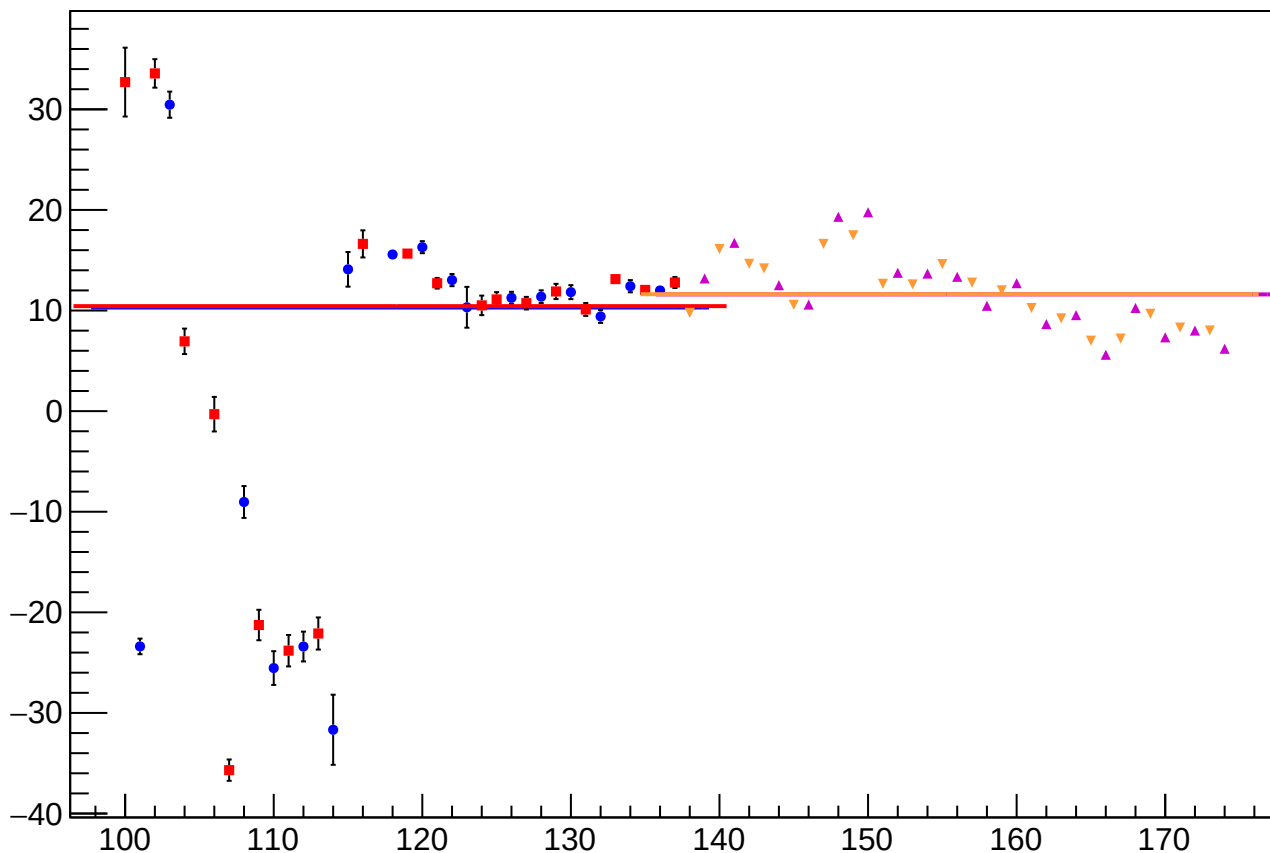
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$
 Left Out: -7.968 ± 0.085 $\chi^2/\text{NDF}: 1652.4/18$
 Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$
 Left In: -8.576 ± 0.084 $\chi^2/\text{NDF}: 1279.7/17$

Left: -8.275 ± 0.059 $\chi^2/\text{NDF}: 2958.3/36$
 Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$
 In: -7.460 ± 0.079 $\chi^2/\text{NDF}: 3344.6/34$
 Out: -6.900 ± 0.081 $\chi^2/\text{NDF}: 3721.0/37$
 All: -7.184 ± 0.057 $\chi^2/\text{NDF}: 7090.1/72$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 11.622 $\pm$ 0.072 χ^2 /NDF:1834.7/18

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 11.603 $\pm$ 0.073 χ^2 /NDF:2789.6/17

Left: 11.613 $\pm$ 0.051 χ^2 /NDF: 4624.4/36

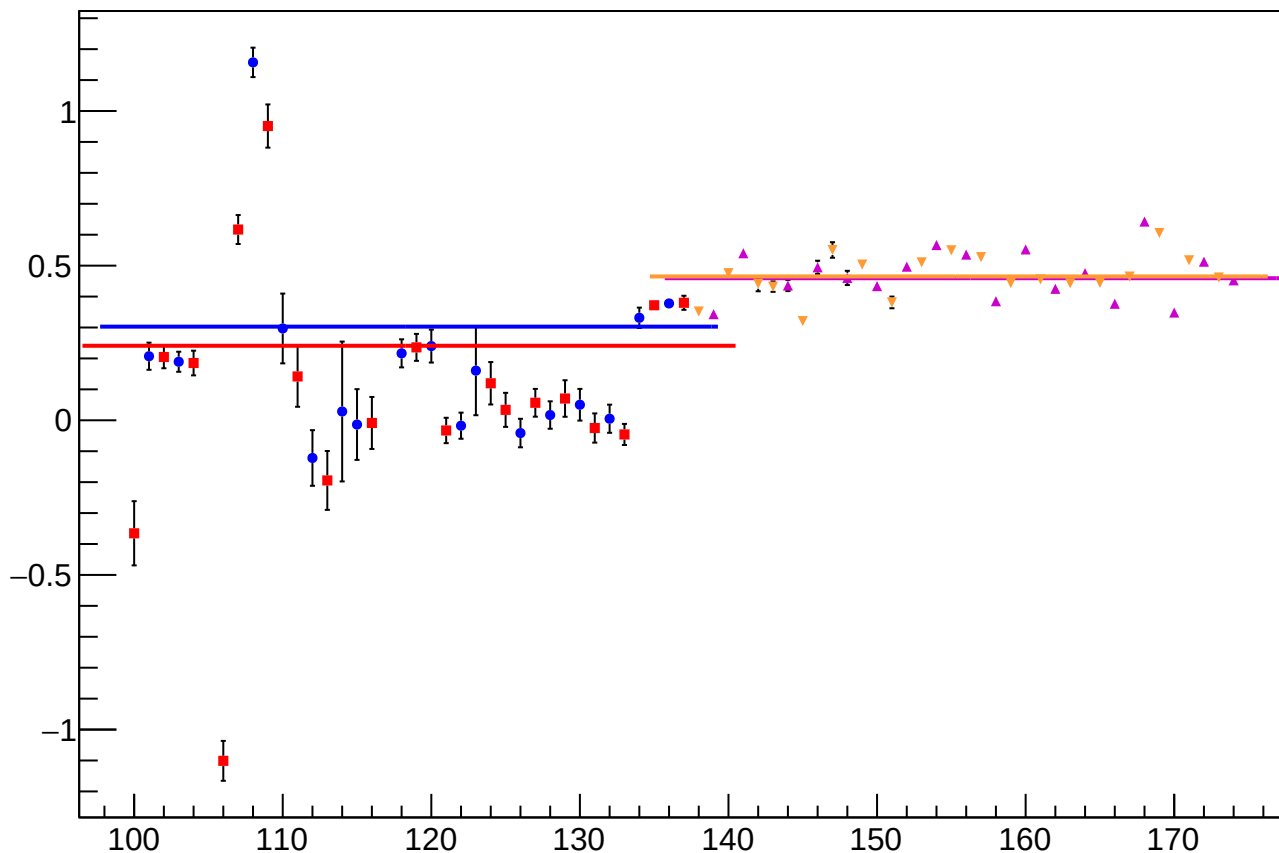
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 11.370 $\pm$ 0.066 χ^2 /NDF:6545.5/34

Out: 11.421 $\pm$ 0.066 χ^2 /NDF:5709.2/37

All: 11.396 $\pm$ 0.047 χ^2 /NDF: 12255.0/72

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2/NDF : 647.2/16

Left Out: 0.465 $\pm$ 0.003 χ^2/NDF :404.9/18

Right Out: 0.241 $\pm$ 0.008 χ^2/NDF : 988.9/18

Left In: 0.459 $\pm$ 0.003 χ^2/NDF :684.7/17

Left: 0.462 $\pm$ 0.002 χ^2/NDF : 1091.3/36

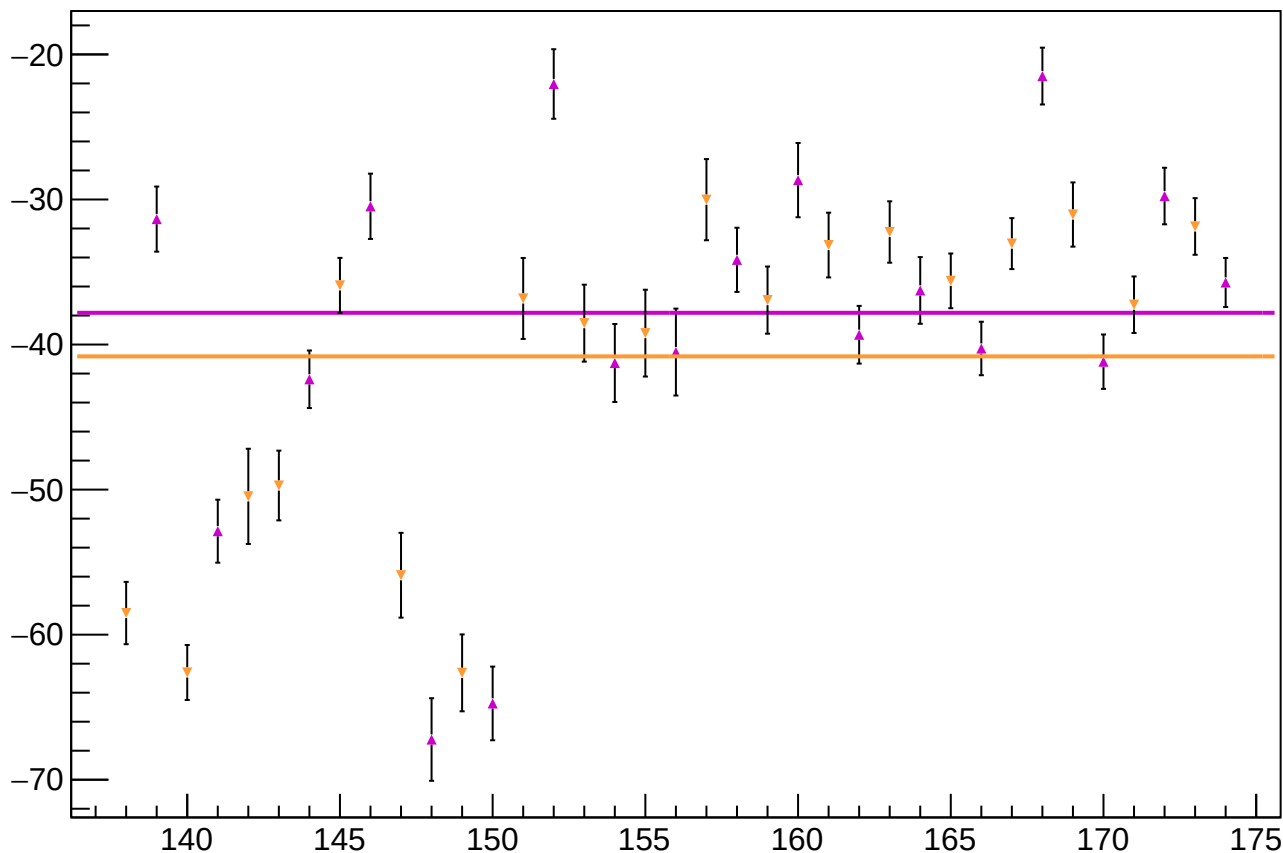
Right: 0.273 $\pm$ 0.006 χ^2/NDF : 1663.5/35

In: 0.439 $\pm$ 0.003 χ^2/NDF :1648.5/34

Out: 0.436 $\pm$ 0.003 χ^2/NDF :2002.2/37

All: 0.438 $\pm$ 0.002 χ^2/NDF : 3651.0/72

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.815+/-0.516 χ^2/NDF :443.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.811+/-0.512 χ^2/NDF :447.0/17

Left: -39.301+/-0.363 χ^2/NDF : 907.7/36

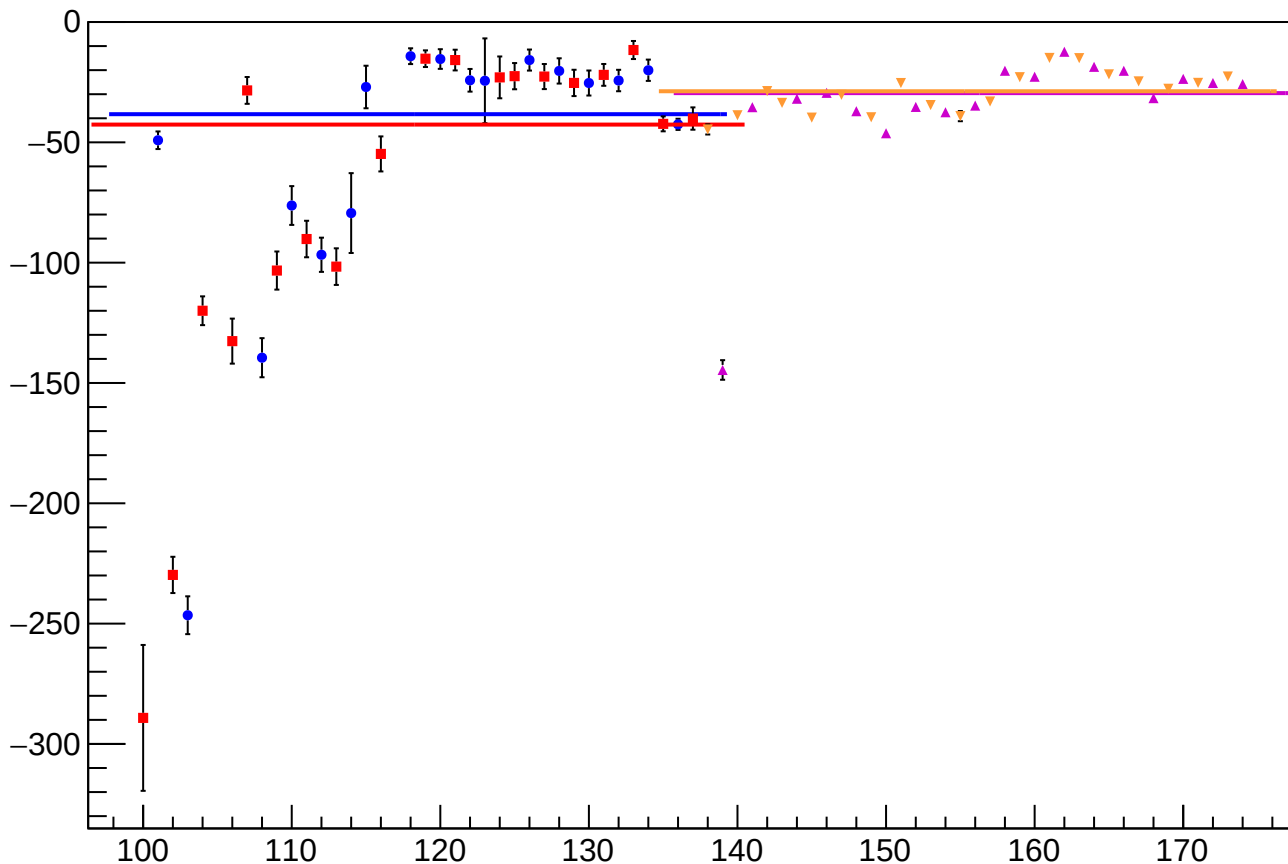
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.811+/-0.512 χ^2/NDF :447.0/17

Out: -40.815+/-0.516 χ^2/NDF :443.6/18

All: -39.301+/-0.363 χ^2/NDF : 907.7/36

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -29.154 +/- 0.269 χ^2/NDF : 1703.1/36

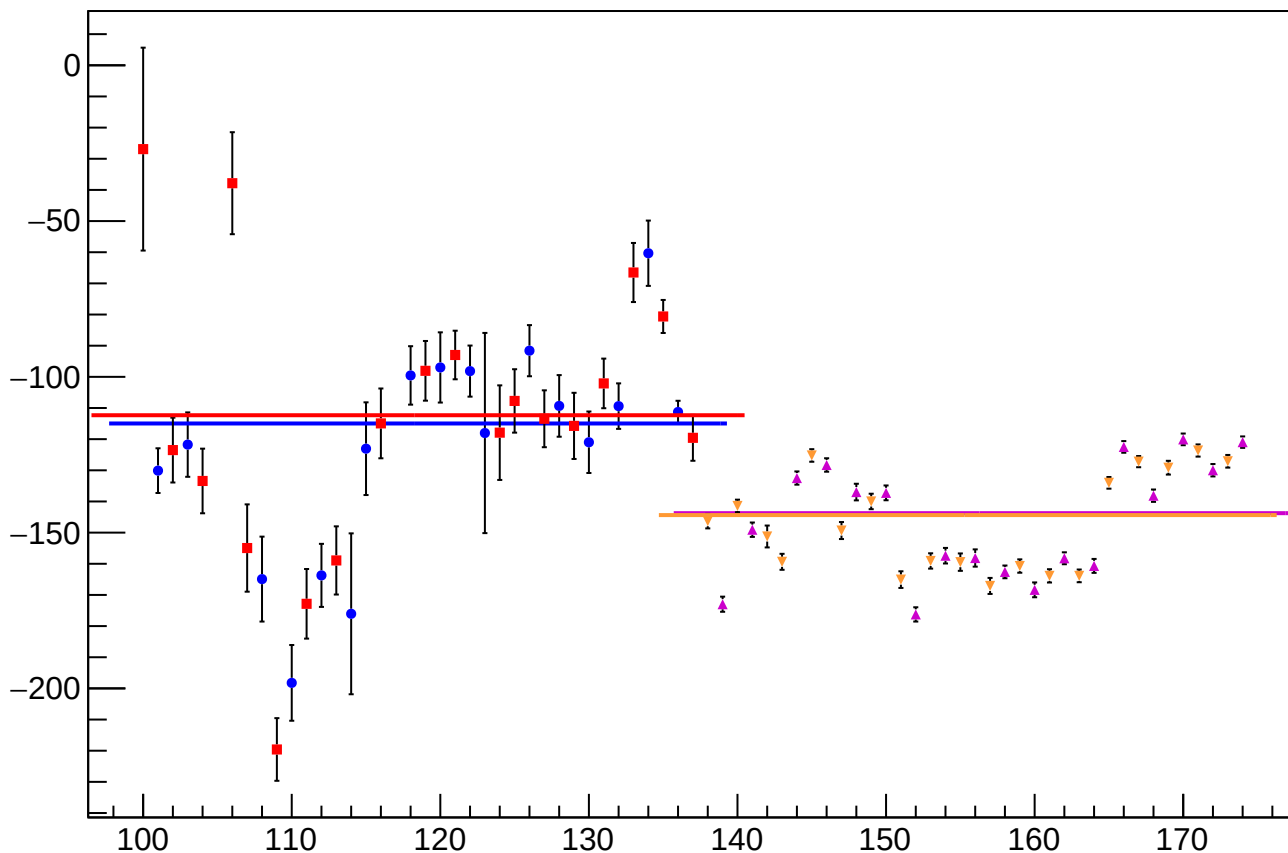
Right: -40.334 +/- 0.829 χ^2/NDF : 2483.9/35

In: -30.442 +/- 0.364 χ^2/NDF : 2429.6/34

Out: -30.004 +/- 0.360 χ^2/NDF : 1921.5/37

All: -30.221 +/- 0.256 χ^2/NDF : 4351.8/72

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: -144.370 ± 0.515 $\chi^2/\text{NDF}: 926.3/18$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -143.756 ± 0.509 $\chi^2/\text{NDF}: 1306.0/17$

Left: -144.060 ± 0.362 $\chi^2/\text{NDF}: 2233.0/36$

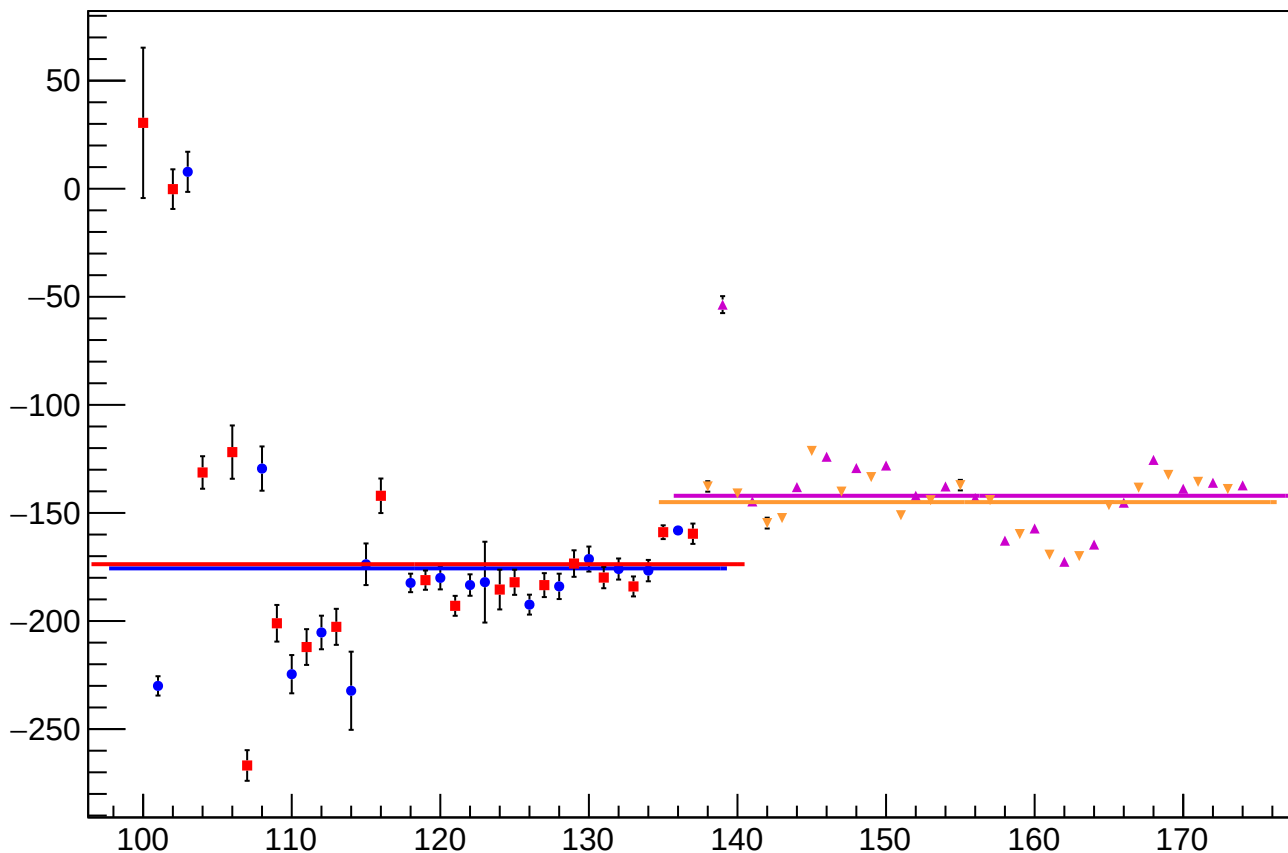
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -142.118 ± 0.495 $\chi^2/\text{NDF}: 1629.0/34$

Out: -142.712 ± 0.502 $\chi^2/\text{NDF}: 1400.6/37$

All: -142.411 ± 0.352 $\chi^2/\text{NDF}: 3030.4/72$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -144.992 ± 0.431 χ^2/NDF : 903.7/18

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.058 ± 0.436 χ^2/NDF : 1524.7/17

Left: -143.539 ± 0.306 χ^2/NDF : 2451.3/36

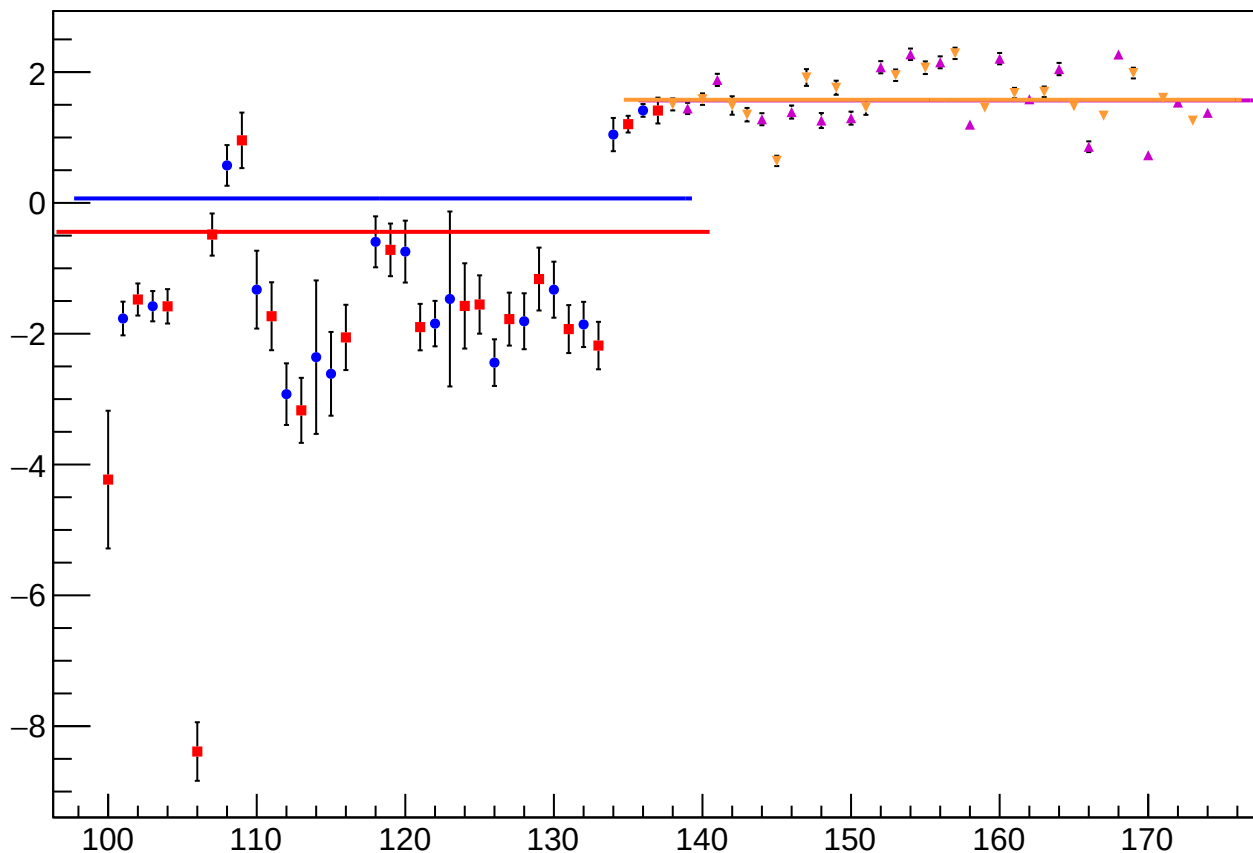
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -145.598 ± 0.412 χ^2/NDF : 2843.6/34

Out: -147.638 ± 0.411 χ^2/NDF : 2050.1/37

All: -146.620 ± 0.291 χ^2/NDF : 4906.0/72

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.577 ± 0.020 χ^2/NDF : 330.2/18

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.567 ± 0.020 χ^2/NDF : 600.5/17

Left: 1.572 ± 0.014 χ^2/NDF : 930.8/36

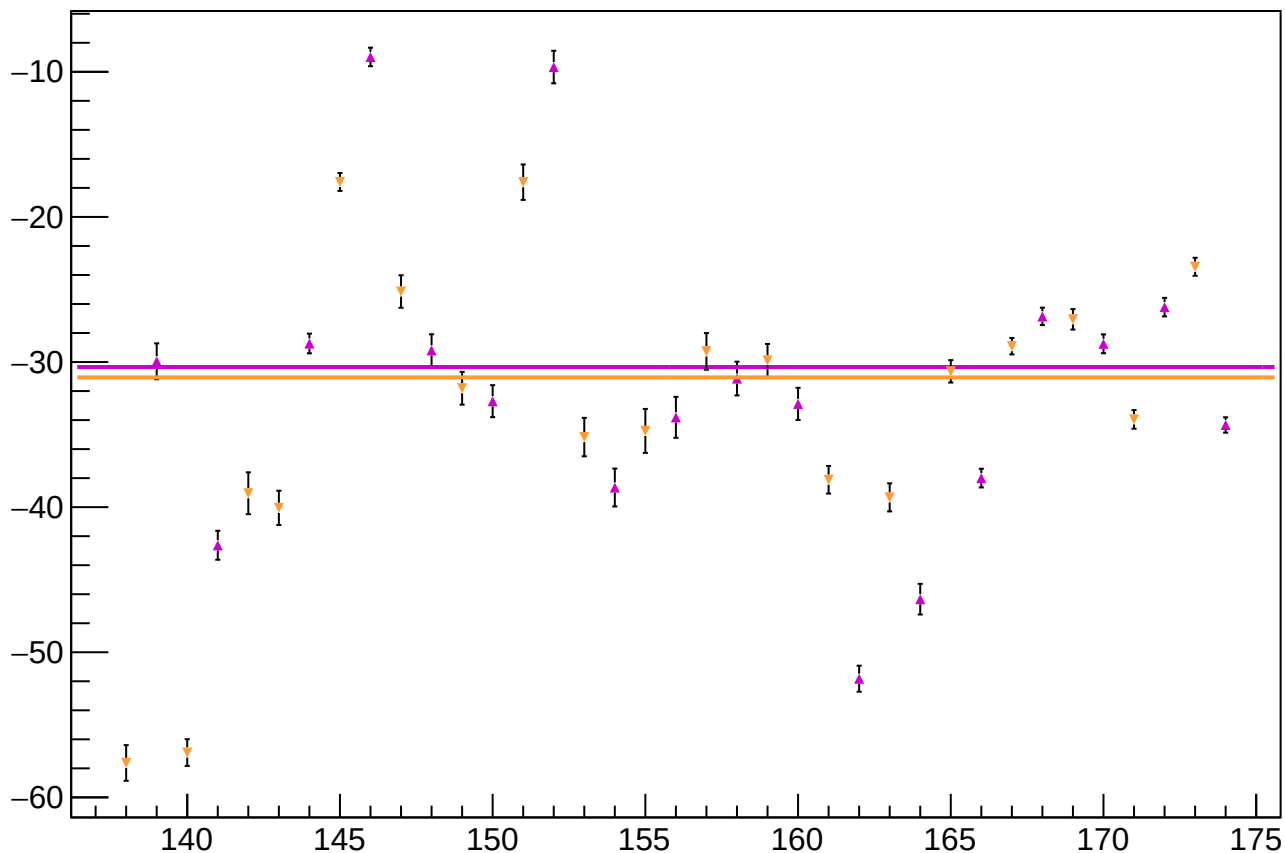
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.448 ± 0.019 χ^2/NDF : 1587.0/34

Out: 1.430 ± 0.019 χ^2/NDF : 1834.6/37

All: 1.439 ± 0.013 χ^2/NDF : 3422.0/72

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -31.057 $\pm$ 0.203 χ^2/NDF :2331.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -30.344 $\pm$ 0.192 χ^2/NDF :2756.6/17

Left: -30.681 $\pm$ 0.139 χ^2/NDF : 5094.7/36

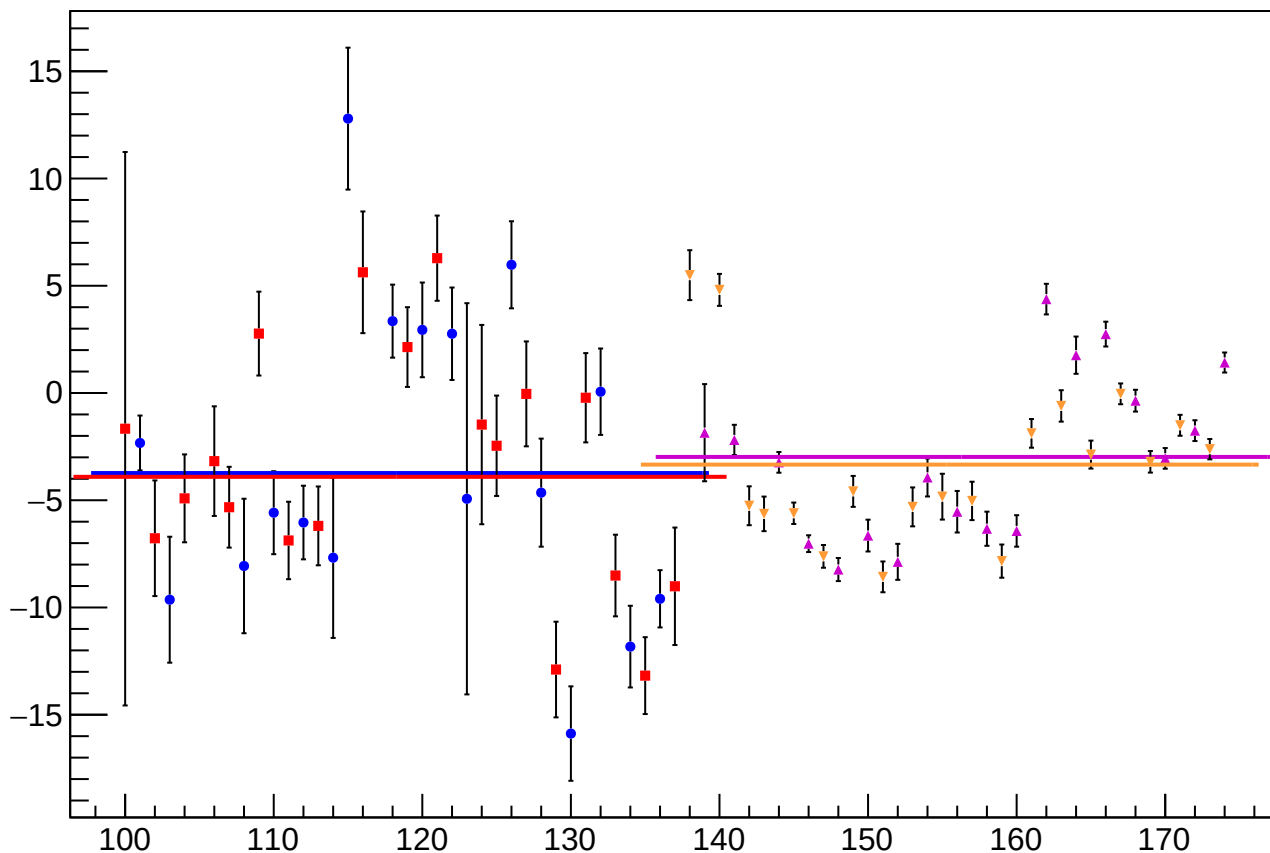
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -30.344 $\pm$ 0.192 χ^2/NDF :2756.6/17

Out: -31.057 $\pm$ 0.203 χ^2/NDF :2331.6/18

All: -30.681 $\pm$ 0.139 χ^2/NDF : 5094.7/36

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -3.339 ± 0.149 $\chi^2/\text{NDF}: 457.6/18$

Right Out: -3.908 ± 0.507 $\chi^2/\text{NDF}: 124.8/18$

Left In: -2.980 ± 0.143 $\chi^2/\text{NDF}: 666.2/17$

Left: -3.152 ± 0.103 $\chi^2/\text{NDF}: 1126.8/36$

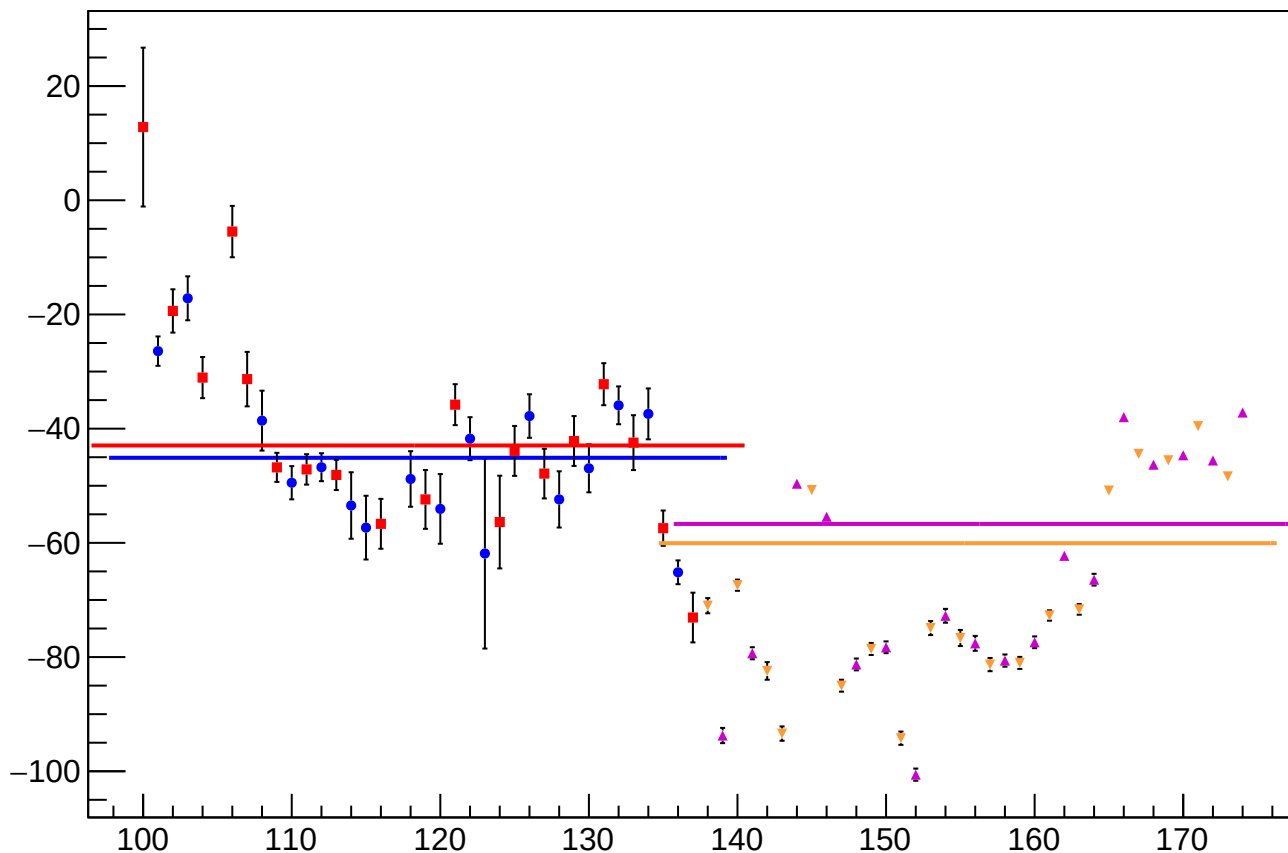
Right: -3.818 ± 0.354 $\chi^2/\text{NDF}: 290.7/35$

In: -3.038 ± 0.138 $\chi^2/\text{NDF}: 834.1/34$

Out: -3.384 ± 0.143 $\chi^2/\text{NDF}: 583.6/37$

All: -3.204 ± 0.099 $\chi^2/\text{NDF}: 1420.8/72$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 $\chi^2/\text{NDF}: 230.6/16$

Left Out: -60.059 ± 0.204 $\chi^2/\text{NDF}: 6954.9/18$

Right Out: -42.944 ± 0.877 $\chi^2/\text{NDF}: 249.1/18$

Left In: -56.687 ± 0.193 $\chi^2/\text{NDF}: 8354.5/17$

Left: -58.283 ± 0.140 $\chi^2/\text{NDF}: 15454.0/36$

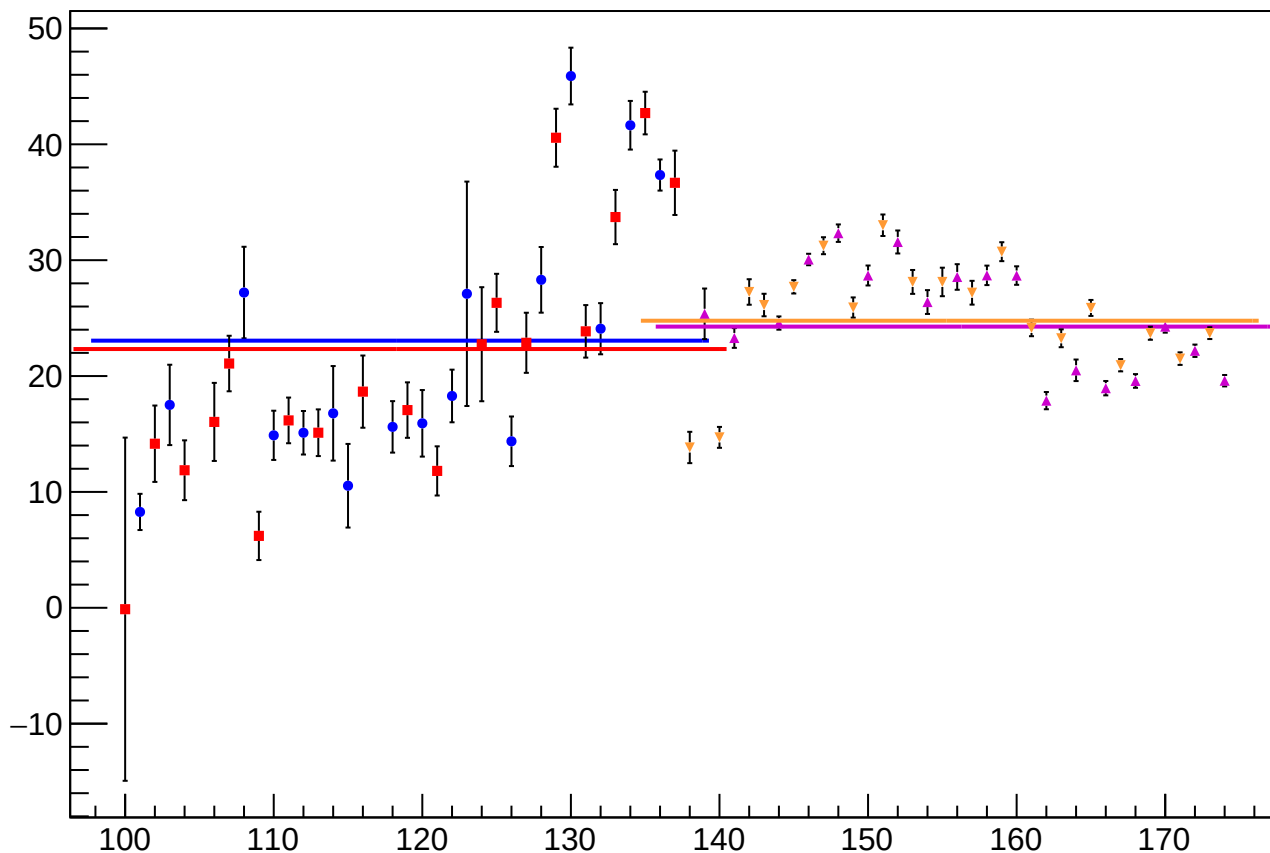
Right: -44.017 ± 0.622 $\chi^2/\text{NDF}: 482.6/35$

In: -56.159 ± 0.188 $\chi^2/\text{NDF}: 8749.5/34$

Out: -59.185 ± 0.198 $\chi^2/\text{NDF}: 7565.0/37$

All: -57.595 ± 0.137 $\chi^2/\text{NDF}: 16436.9/72$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 24.775 $\pm$ 0.170 χ^2 /NDF:562.0/18

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 24.267 $\pm$ 0.164 χ^2 /NDF:742.6/17

Left: 24.512 $\pm$ 0.118 χ^2 /NDF: 1309.3/36

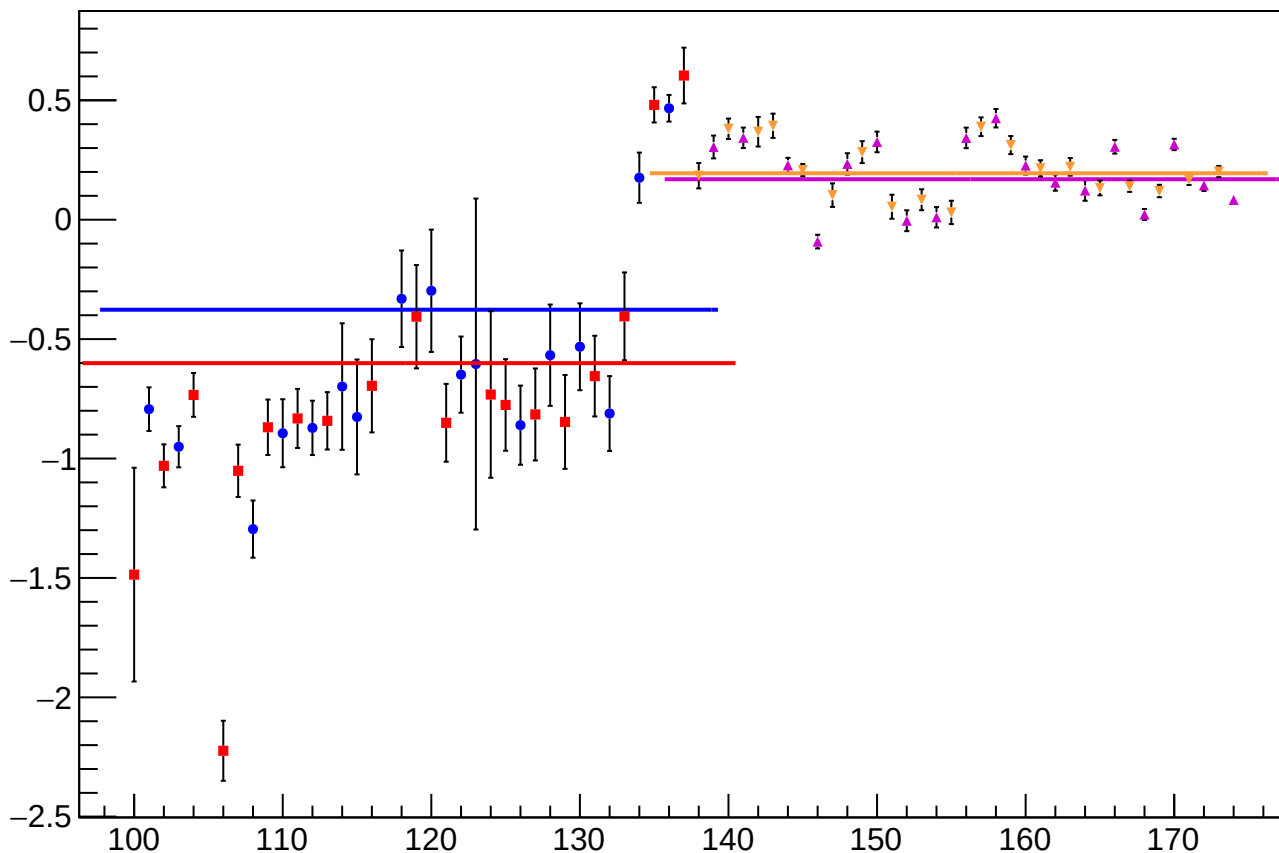
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 24.171 $\pm$ 0.157 χ^2 /NDF:1208.1/34

Out: 24.578 $\pm$ 0.163 χ^2 /NDF:949.9/37

All: 24.367 $\pm$ 0.113 χ^2 /NDF: 2161.2/72

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.194 ± 0.008 $\chi^2/\text{NDF}: 129.2/18$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.169 ± 0.008 $\chi^2/\text{NDF}: 338.8/17$

Left: 0.181 ± 0.005 $\chi^2/\text{NDF}: 473.4/36$

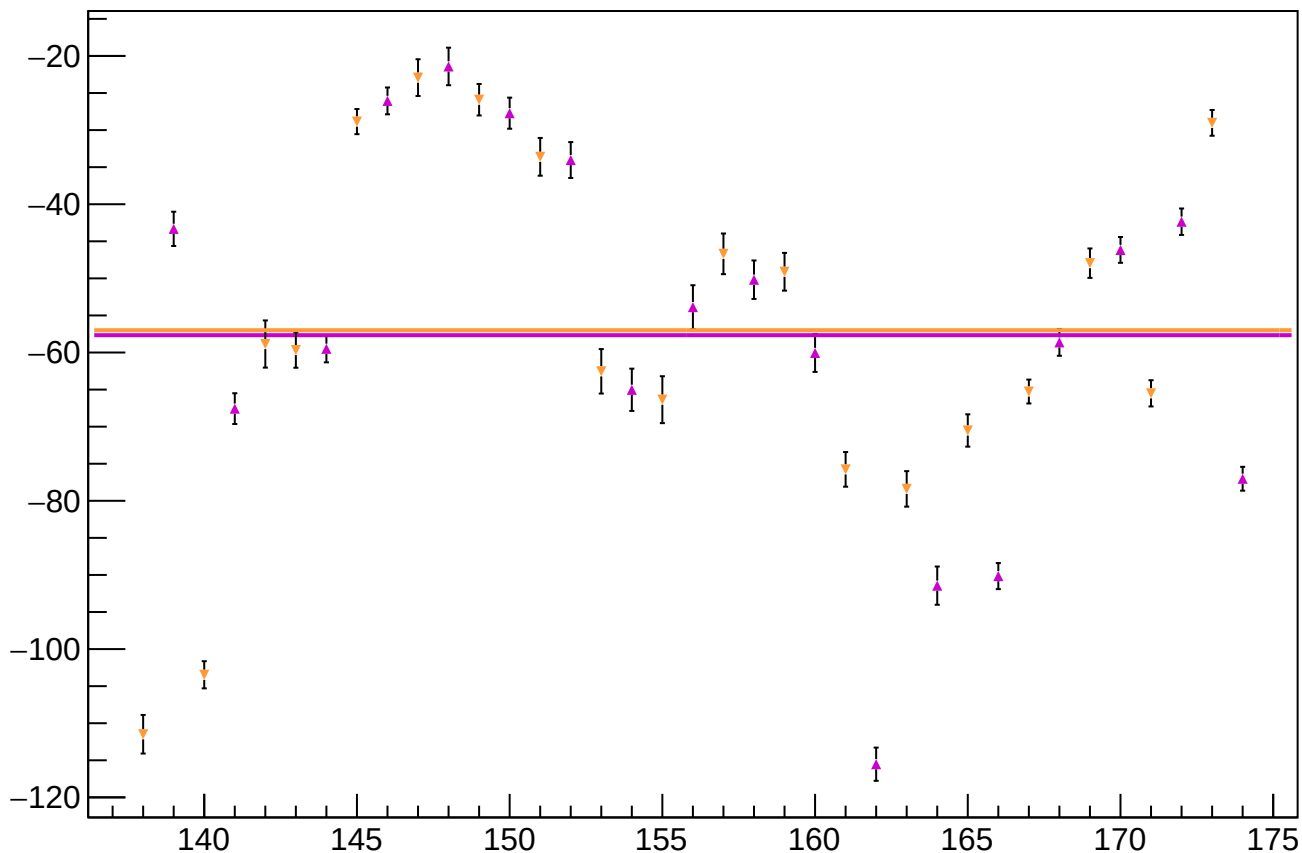
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.137 ± 0.007 $\chi^2/\text{NDF}: 1086.2/34$

Out: 0.144 ± 0.008 $\chi^2/\text{NDF}: 1334.9/37$

All: 0.141 ± 0.005 $\chi^2/\text{NDF}: 2421.6/72$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -56.990 $\pm$ 0.502 χ^2/NDF :2394.2/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -57.660 $\pm$ 0.492 χ^2/NDF :2331.1/17

Left: -57.332 $\pm$ 0.352 χ^2/NDF : 4726.2/36

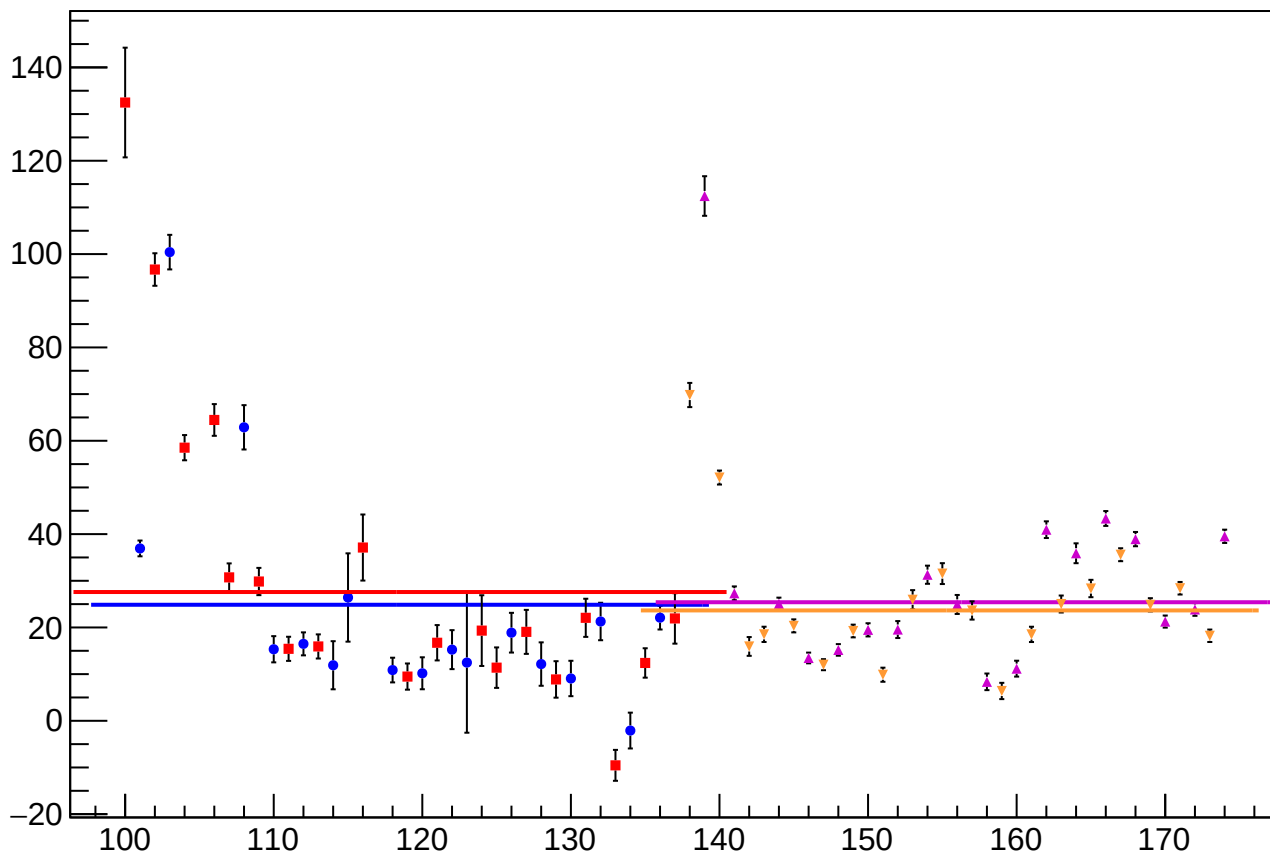
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -57.660 $\pm$ 0.492 χ^2/NDF :2331.1/17

Out: -56.990 $\pm$ 0.502 χ^2/NDF :2394.2/18

All: -57.332 $\pm$ 0.352 χ^2/NDF : 4726.2/36

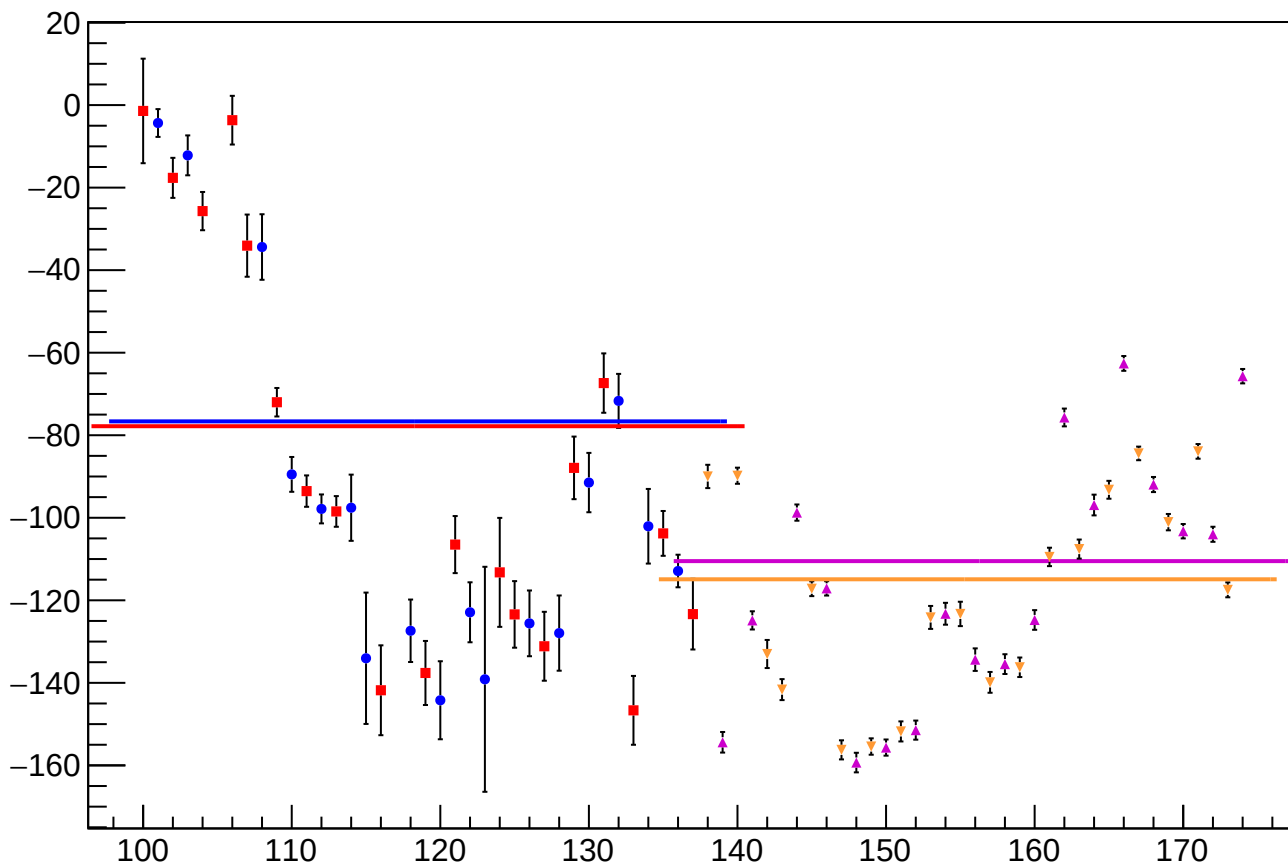
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16
 Left Out: 23.651 ± 0.364 χ^2/NDF : 1129.8/18
 Right Out: 27.593 ± 0.810 χ^2/NDF : 1010.9/18
 Left In: 25.406 ± 0.367 χ^2/NDF : 1211.1/17

Left: 24.523 ± 0.258 χ^2/NDF : 2352.4/36
 Right: 26.215 ± 0.570 χ^2/NDF : 1707.7/35
 In: 25.312 ± 0.333 χ^2/NDF : 1902.5/34
 Out: 24.314 ± 0.332 χ^2/NDF : 2160.5/37
 All: 24.811 ± 0.235 χ^2/NDF : 4067.4/72

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -114.908 ± 0.502 χ^2/NDF : 2359.7/18

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -110.504 ± 0.491 χ^2/NDF : 3708.0/17

Left: -112.660 ± 0.351 χ^2/NDF : 6107.1/36

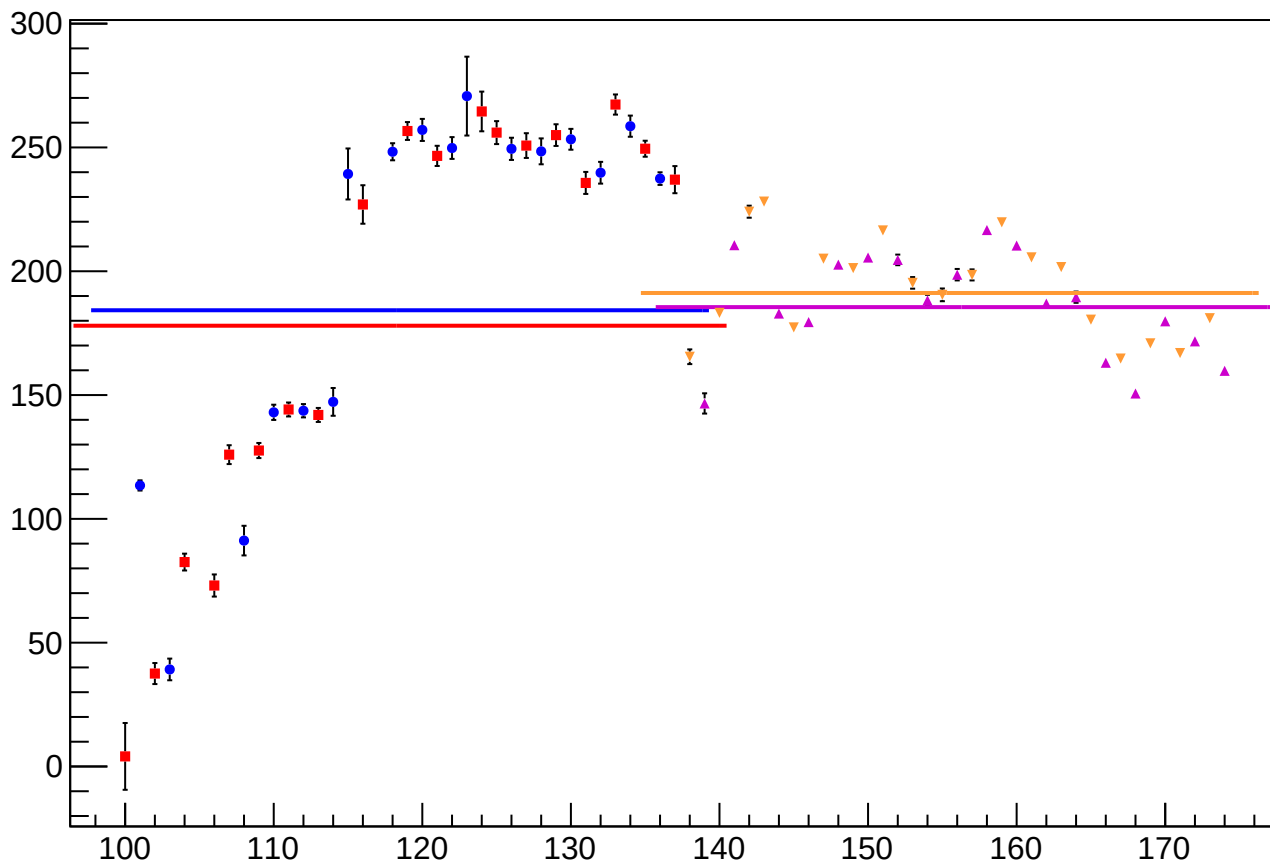
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -106.863 ± 0.464 χ^2/NDF : 5260.0/34

Out: -110.421 ± 0.470 χ^2/NDF : 3894.5/37

All: -108.618 ± 0.330 χ^2/NDF : 9183.6/72

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 191.223 $\pm$ 0.419 χ^2 /NDF:2149.5/18

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 185.515 $\pm$ 0.419 χ^2 /NDF:2081.0/17

Left: 188.370 $\pm$ 0.296 χ^2 /NDF: 4323.4/36

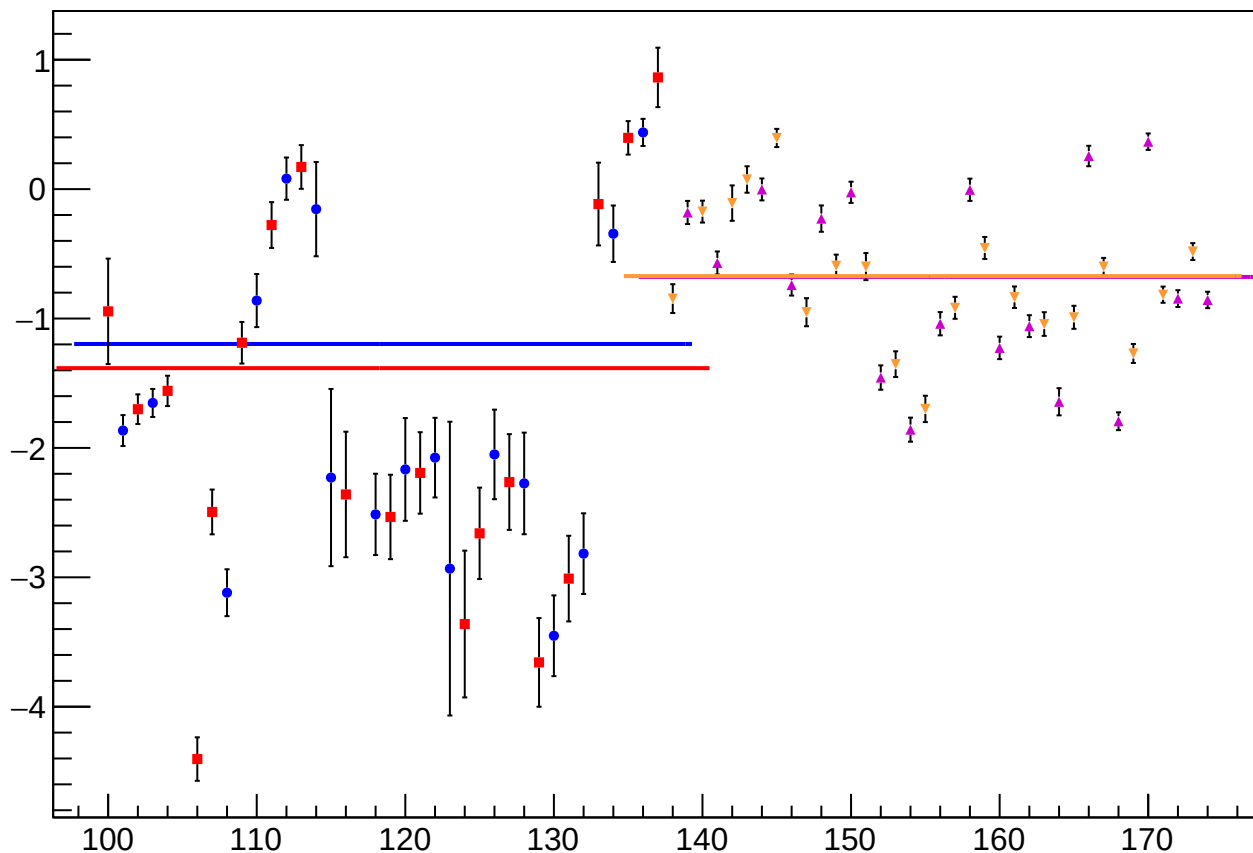
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 185.295 $\pm$ 0.381 χ^2 /NDF:7471.2/34

Out: 188.967 $\pm$ 0.381 χ^2 /NDF:8657.4/37

All: 187.129 $\pm$ 0.270 χ^2 /NDF: 16175.0/72

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.672 ± 0.019 χ^2/NDF : 623.6/18

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.679 ± 0.019 χ^2/NDF : 1318.3/17

Left: -0.676 ± 0.014 χ^2/NDF : 1941.9/36

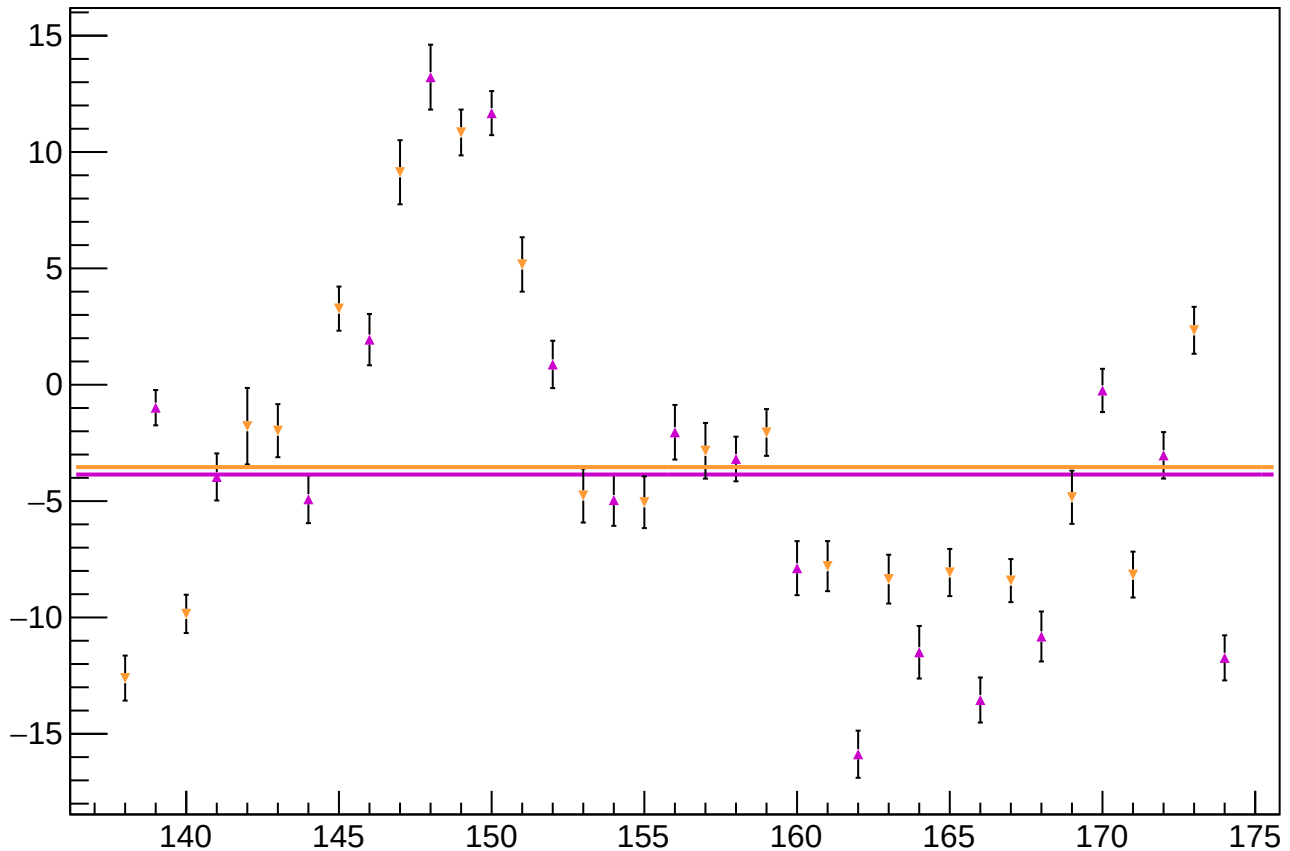
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.749 ± 0.018 χ^2/NDF : 2039.9/34

Out: -0.781 ± 0.018 χ^2/NDF : 1751.6/37

All: -0.765 ± 0.013 χ^2/NDF : 3793.0/72

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -3.538+/-0.242 χ^2/NDF : 701.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.858+/-0.240 χ^2/NDF : 909.7/17

Left: -3.699+/-0.171 χ^2/NDF : 1612.4/36

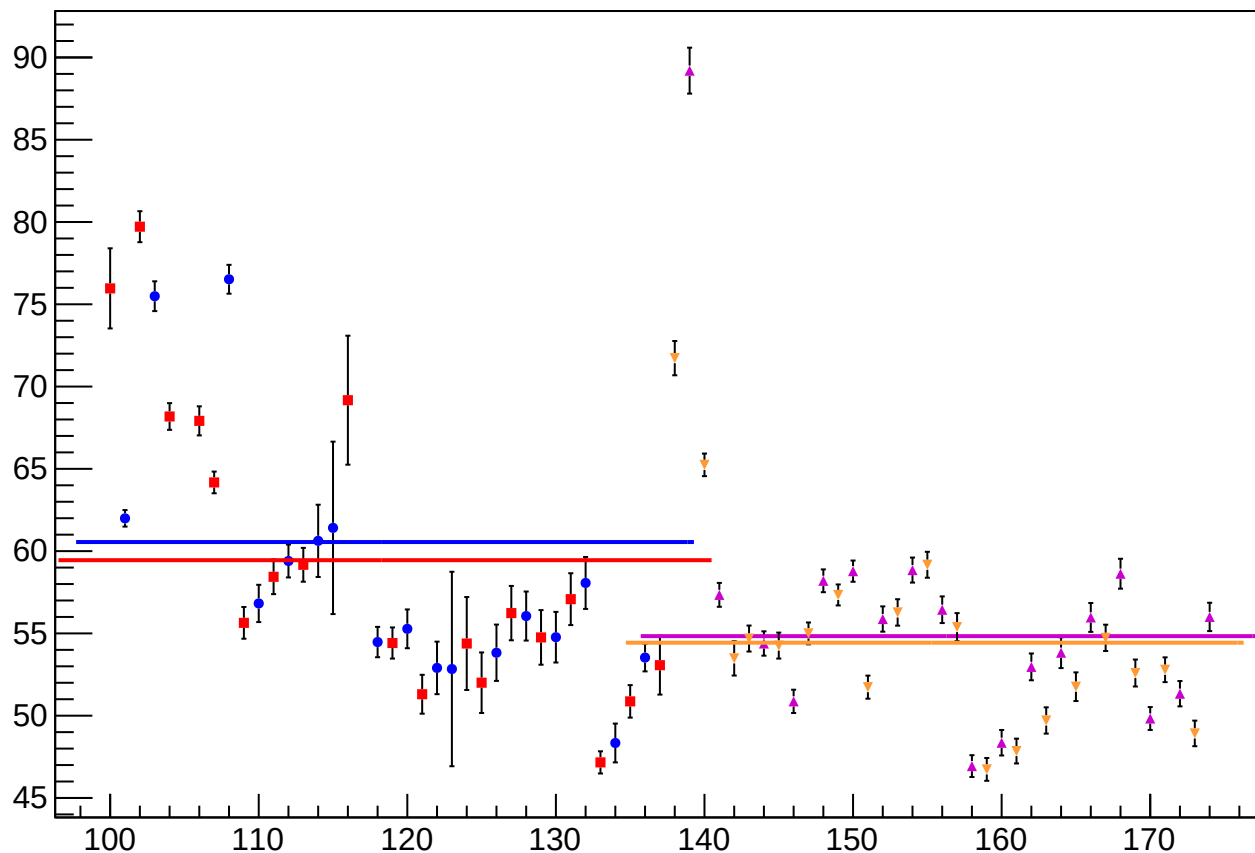
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.858+/-0.240 χ^2/NDF : 909.7/17

Out: -3.538+/-0.242 χ^2/NDF : 701.8/18

All: -3.699+/-0.171 χ^2/NDF : 1612.4/36

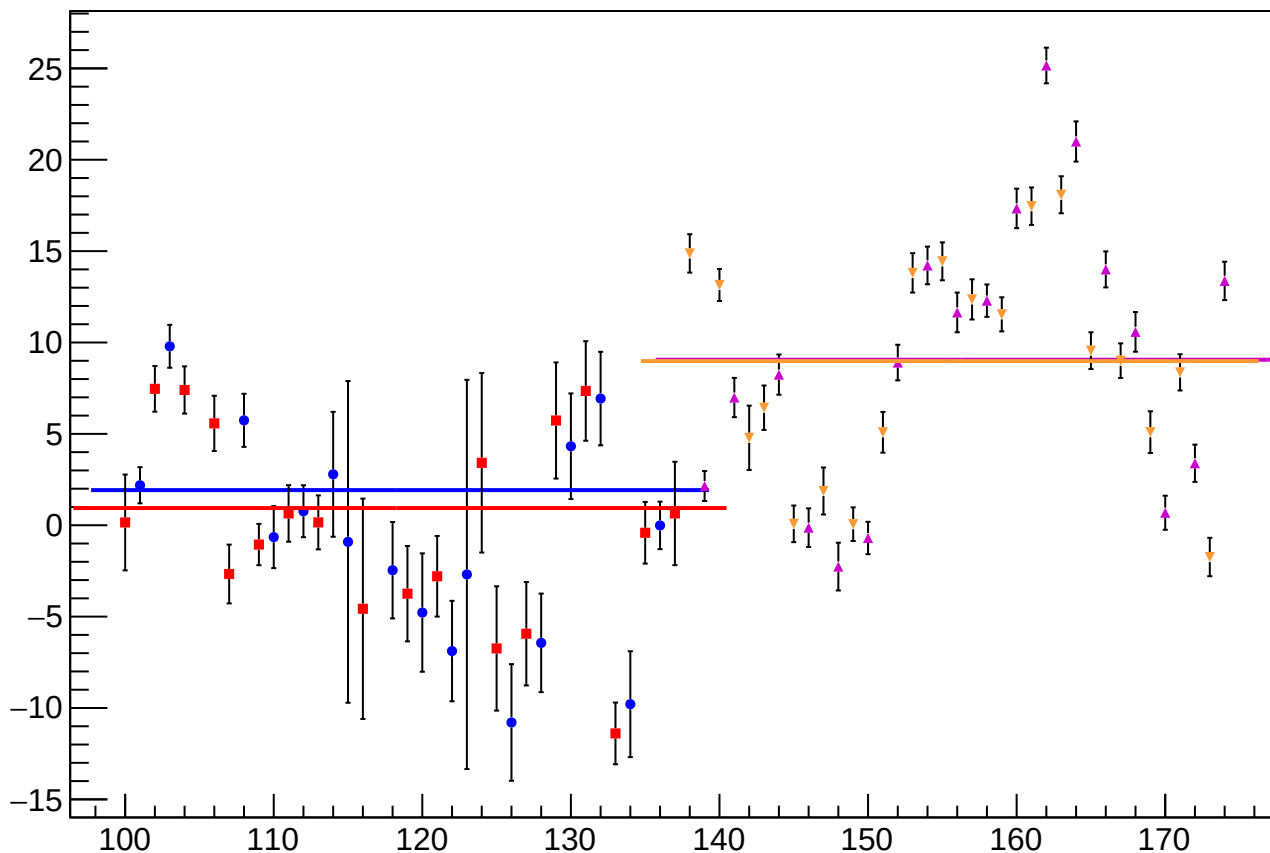
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$
 Left Out: 54.436 ± 0.178 $\chi^2/\text{NDF}: 907.9/18$
 Right Out: 59.449 ± 0.248 $\chi^2/\text{NDF}: 1321.3/18$
 Left In: 54.834 ± 0.183 $\chi^2/\text{NDF}: 1056.0/17$

Left: 54.629 ± 0.127 $\chi^2/\text{NDF}: 1966.3/36$
 Right: 59.970 ± 0.180 $\chi^2/\text{NDF}: 2261.6/35$
 In: 56.710 ± 0.150 $\chi^2/\text{NDF}: 2307.6/34$
 Out: 56.139 ± 0.144 $\chi^2/\text{NDF}: 2499.7/37$
 All: 56.414 ± 0.104 $\chi^2/\text{NDF}: 4814.8/72$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 8.984 ± 0.241 χ^2/NDF : 610.4/18

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 9.058 ± 0.238 χ^2/NDF : 995.5/17

Left: 9.022 ± 0.169 χ^2/NDF : 1606.0/36

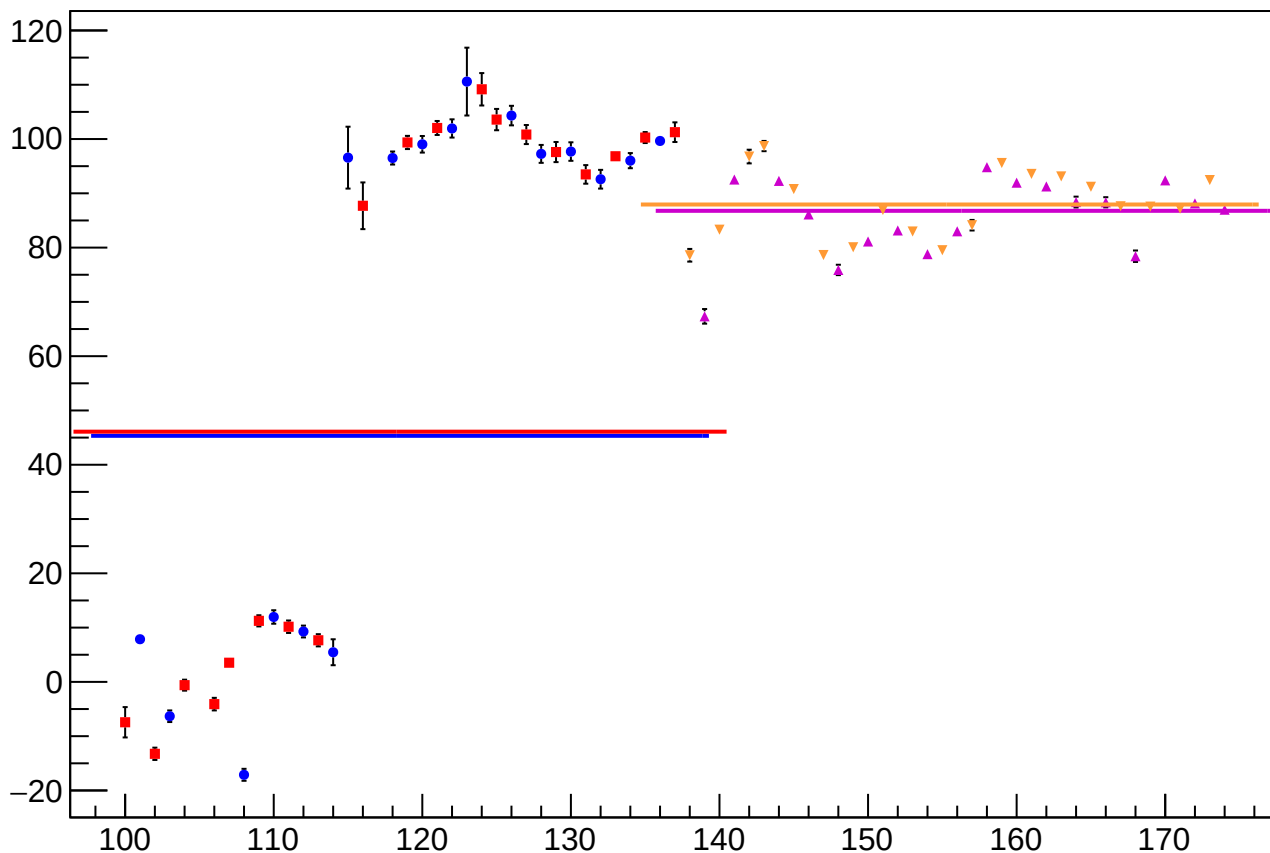
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 7.544 ± 0.211 χ^2/NDF : 1307.5/34

Out: 7.025 ± 0.209 χ^2/NDF : 1032.8/37

All: 7.282 ± 0.149 χ^2/NDF : 2343.4/72

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 87.939+/-0.203 χ^2/NDF : 868.6/18

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 86.776+/-0.207 χ^2/NDF : 920.4/17

Left: 87.368+/-0.145 χ^2/NDF : 1805.1/36

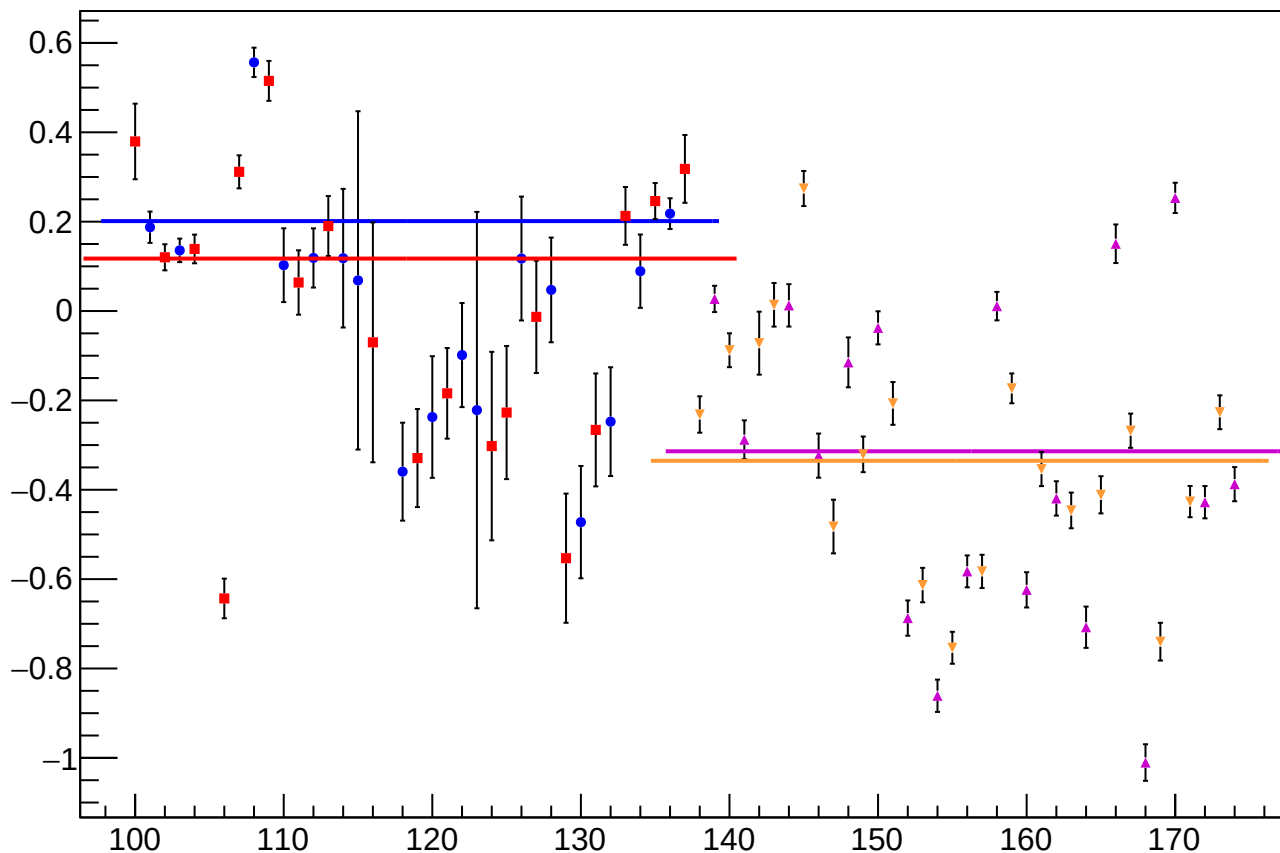
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 73.633+/-0.171 χ^2/NDF : 38653.3/34

Out: 74.117+/-0.166 χ^2/NDF : 43156.5/37

All: 73.882+/-0.119 χ^2/NDF : 81813.9/72

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.335 ± 0.009 χ^2/NDF : 747.0/18

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.314 ± 0.009 χ^2/NDF : 1572.5/17

Left: -0.324 ± 0.007 χ^2/NDF : 2322.2/36

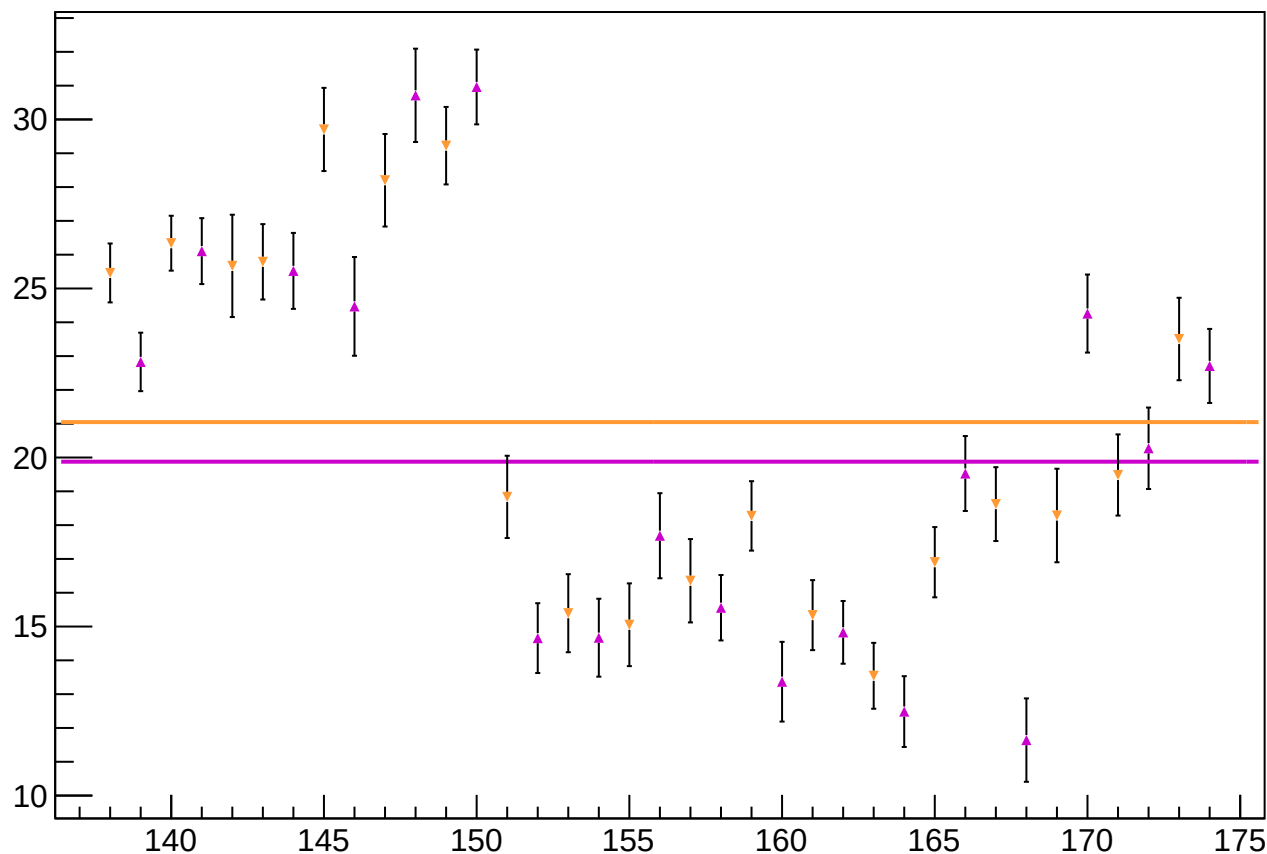
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.161 ± 0.008 χ^2/NDF : 2736.3/34

Out: -0.183 ± 0.008 χ^2/NDF : 2048.6/37

All: -0.172 ± 0.005 χ^2/NDF : 4789.0/72

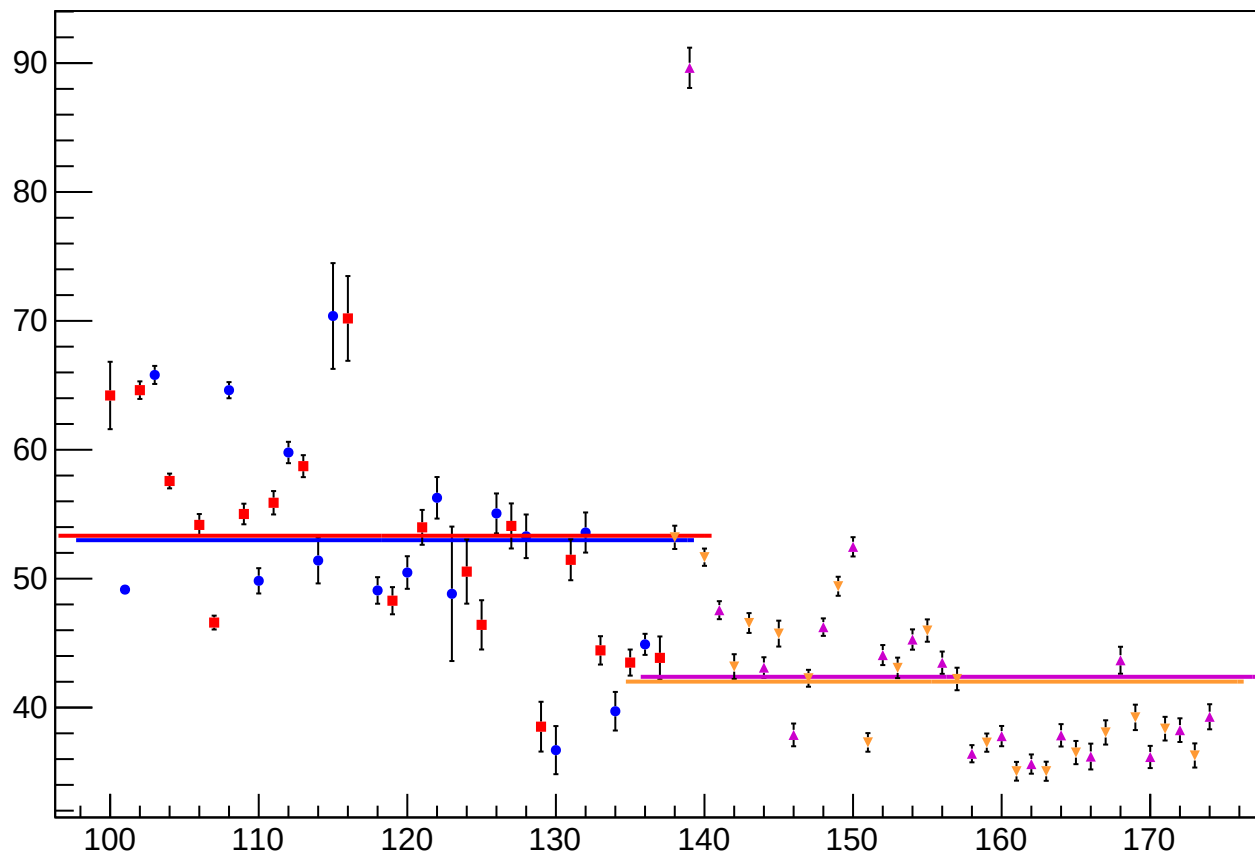
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.048 $\pm$ 0.255 χ^2 /NDF:416.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17

Left: 20.471 $\pm$ 0.182 χ^2 /NDF: 921.2/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.877 $\pm$ 0.259 χ^2 /NDF:494.3/17
 Out: 21.048 $\pm$ 0.255 χ^2 /NDF:416.5/18
 All: 20.471 $\pm$ 0.182 χ^2 /NDF: 921.2/36

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: 42.012 $\pm$ 0.186 χ^2 /NDF:917.6/18

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 42.385 $\pm$ 0.195 χ^2 /NDF:1575.0/17

Left: 42.190 $\pm$ 0.134 χ^2 /NDF: 2494.5/36

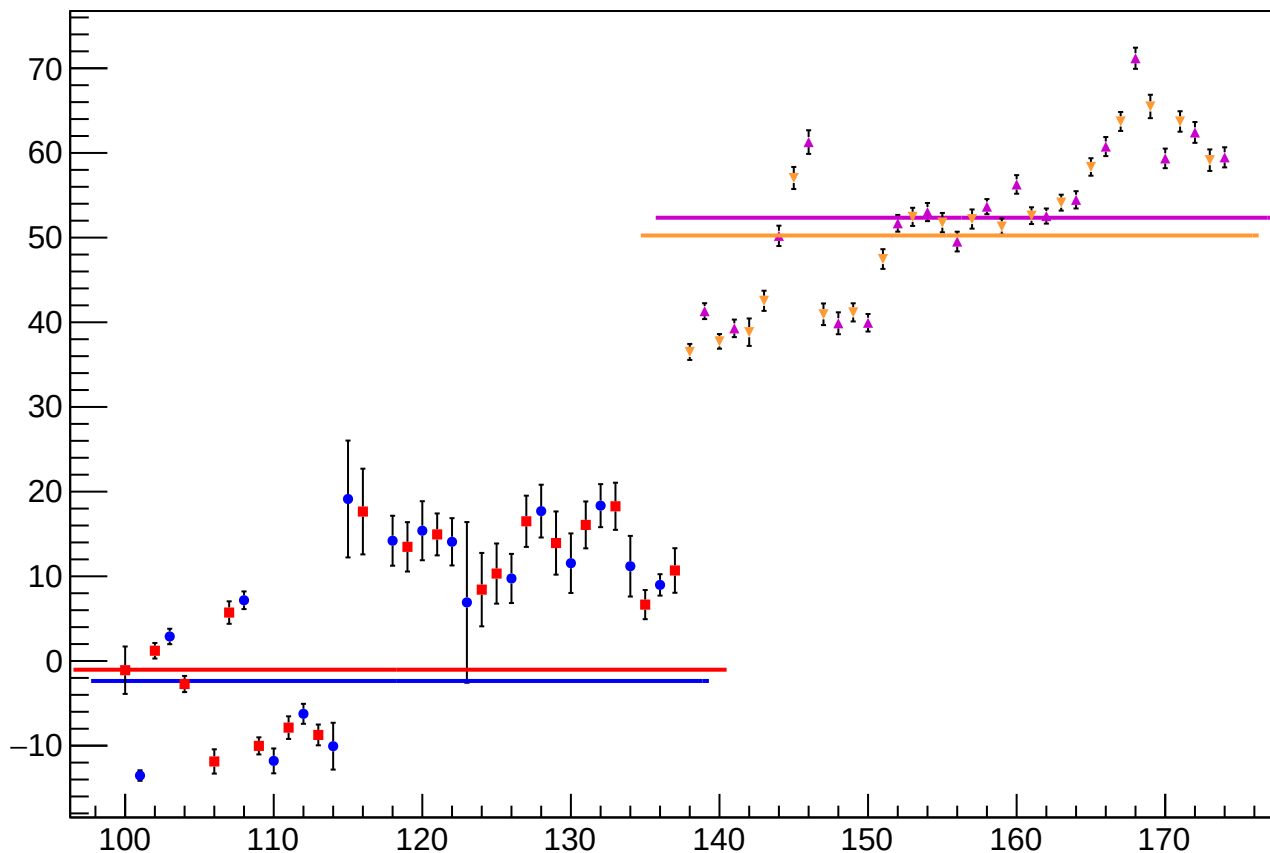
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 47.281 $\pm$ 0.143 χ^2 /NDF:4139.9/34

Out: 46.566 $\pm$ 0.144 χ^2 /NDF:3283.5/37

All: 46.925 $\pm$ 0.101 χ^2 /NDF: 7435.8/72

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 50.252 ± 0.253 χ^2/NDF : 1204.0/18

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 52.347 ± 0.256 χ^2/NDF : 1027.3/17

Left: 51.290 ± 0.180 χ^2/NDF : 2265.2/36

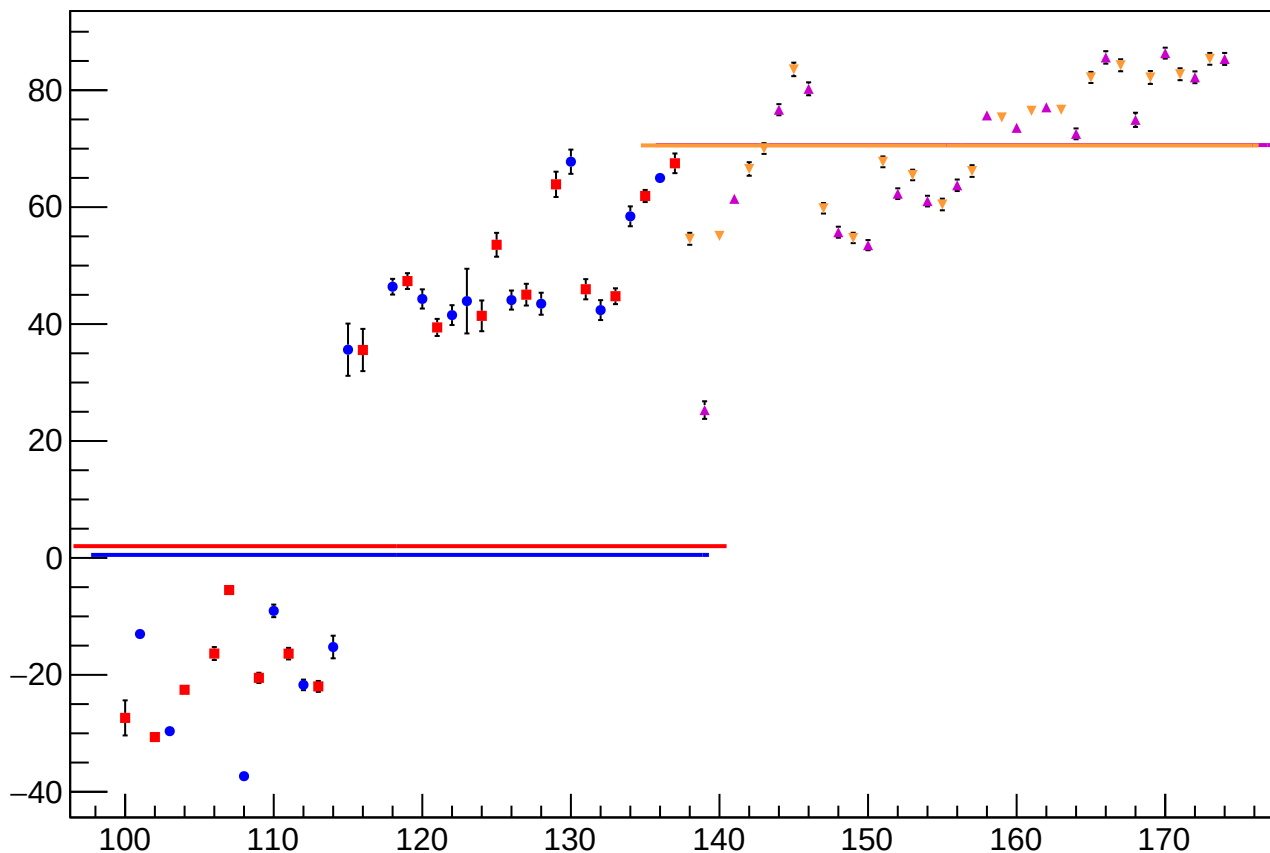
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 34.271 ± 0.209 χ^2/NDF : 16978.9/34

Out: 34.291 ± 0.210 χ^2/NDF : 14469.7/37

All: 34.281 ± 0.148 χ^2/NDF : 31448.7/72

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 70.557 ± 0.213 χ^2/NDF : 2327.7/18

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 70.615 ± 0.221 χ^2/NDF : 2991.3/17

Left: 70.585 ± 0.153 χ^2/NDF : 5319.0/36

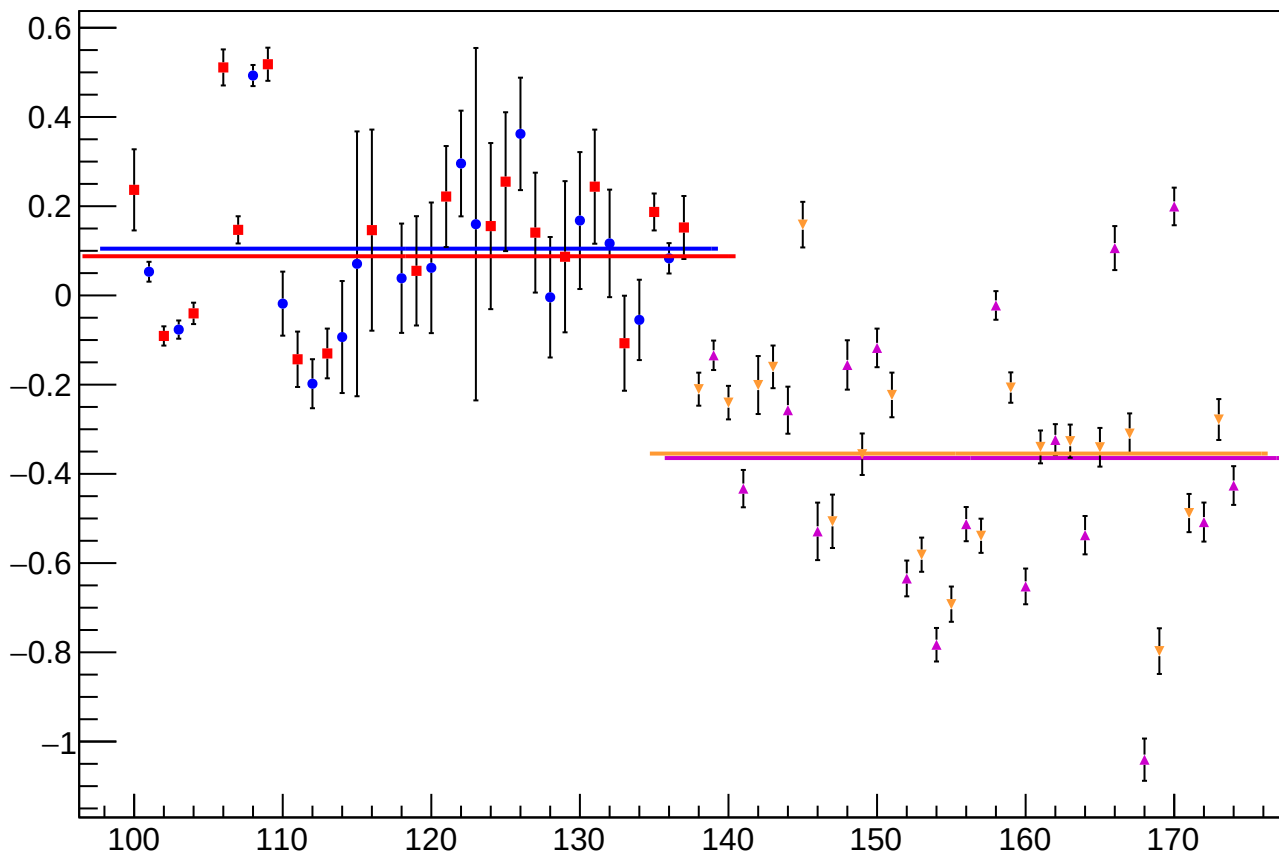
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 39.474 ± 0.165 χ^2/NDF : 66163.1/34

Out: 43.780 ± 0.166 χ^2/NDF : 58157.1/37

All: 41.602 ± 0.117 χ^2/NDF : 124658.5/72

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.355 ± 0.010 $\chi^2/\text{NDF}: 399.7/18$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.365 ± 0.010 $\chi^2/\text{NDF}: 962.3/17$

Left: -0.360 ± 0.007 $\chi^2/\text{NDF}: 1362.5/36$

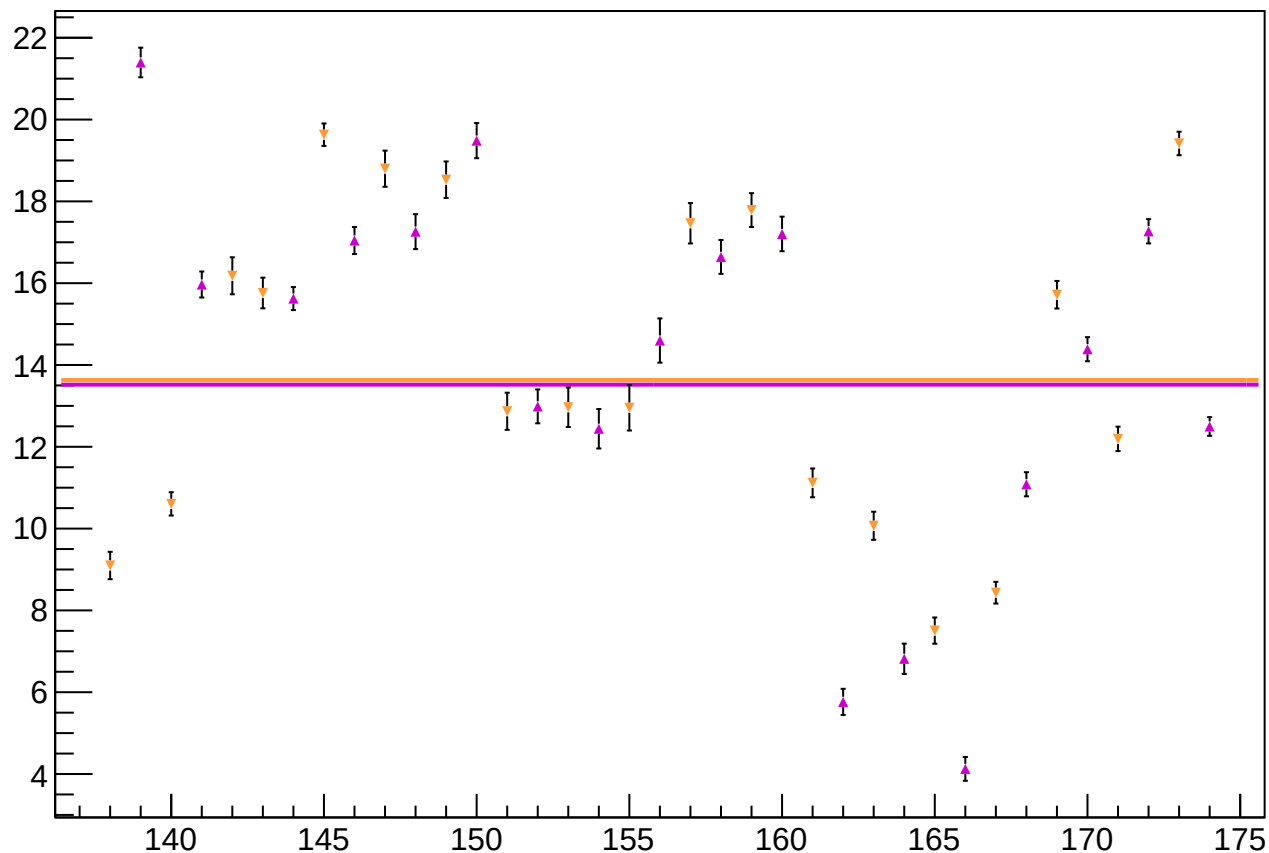
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.157 ± 0.007 $\chi^2/\text{NDF}: 2372.6/34$

Out: -0.159 ± 0.007 $\chi^2/\text{NDF}: 1690.9/37$

All: -0.158 ± 0.005 $\chi^2/\text{NDF}: 4063.5/72$

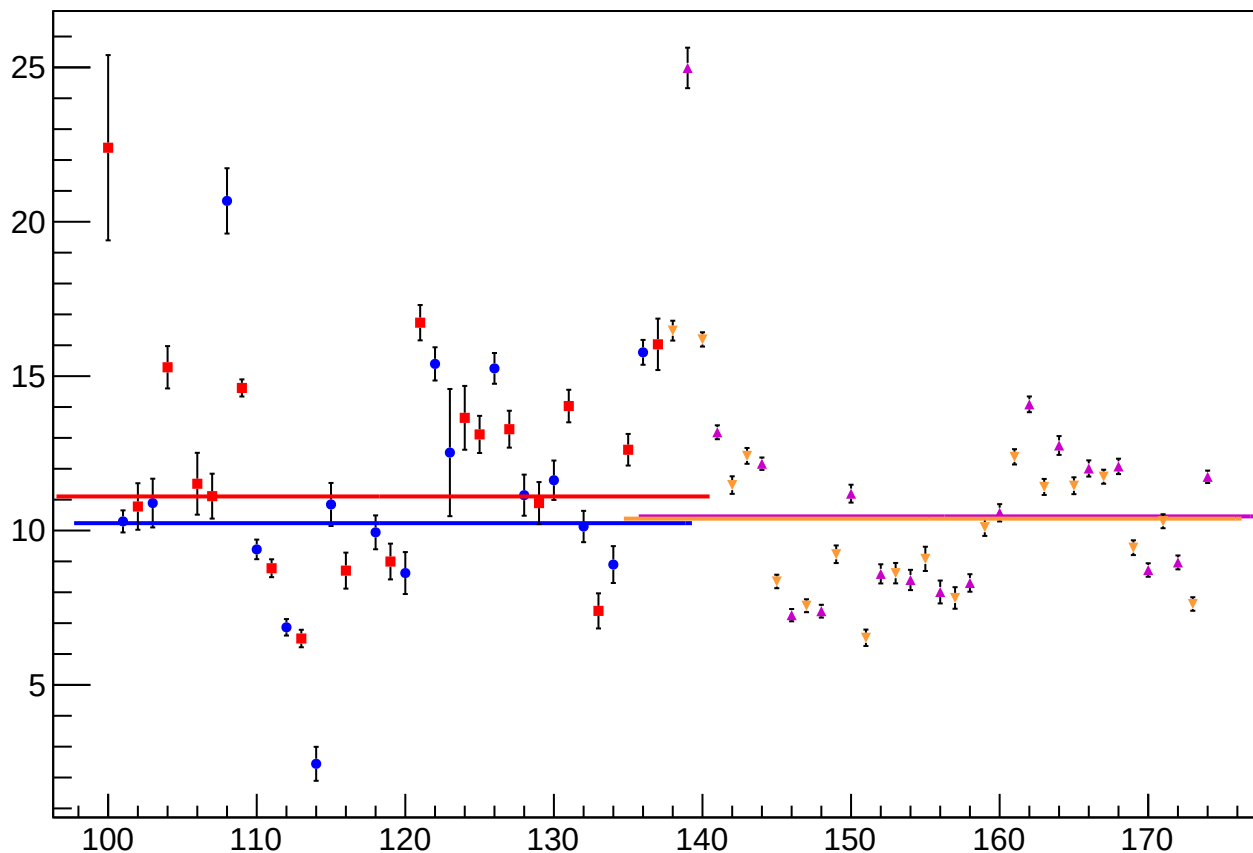
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 13.632+/-0.081 χ^2/NDF :2638.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 13.520+/-0.080 χ^2/NDF :3329.2/17

Left: 13.575+/-0.057 χ^2/NDF : 5968.4/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 13.520+/-0.080 χ^2/NDF :3329.2/17
 Out: 13.632+/-0.081 χ^2/NDF :2638.3/18
 All: 13.575+/-0.057 χ^2/NDF : 5968.4/36

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.385+/-0.059 χ^2/NDF :1959.8/18

Right Out: 11.104+/-0.116 χ^2/NDF : 815.2/18

Left In: 10.457+/-0.060 χ^2/NDF :1852.9/17

Left: 10.421+/-0.042 χ^2/NDF : 3813.5/36

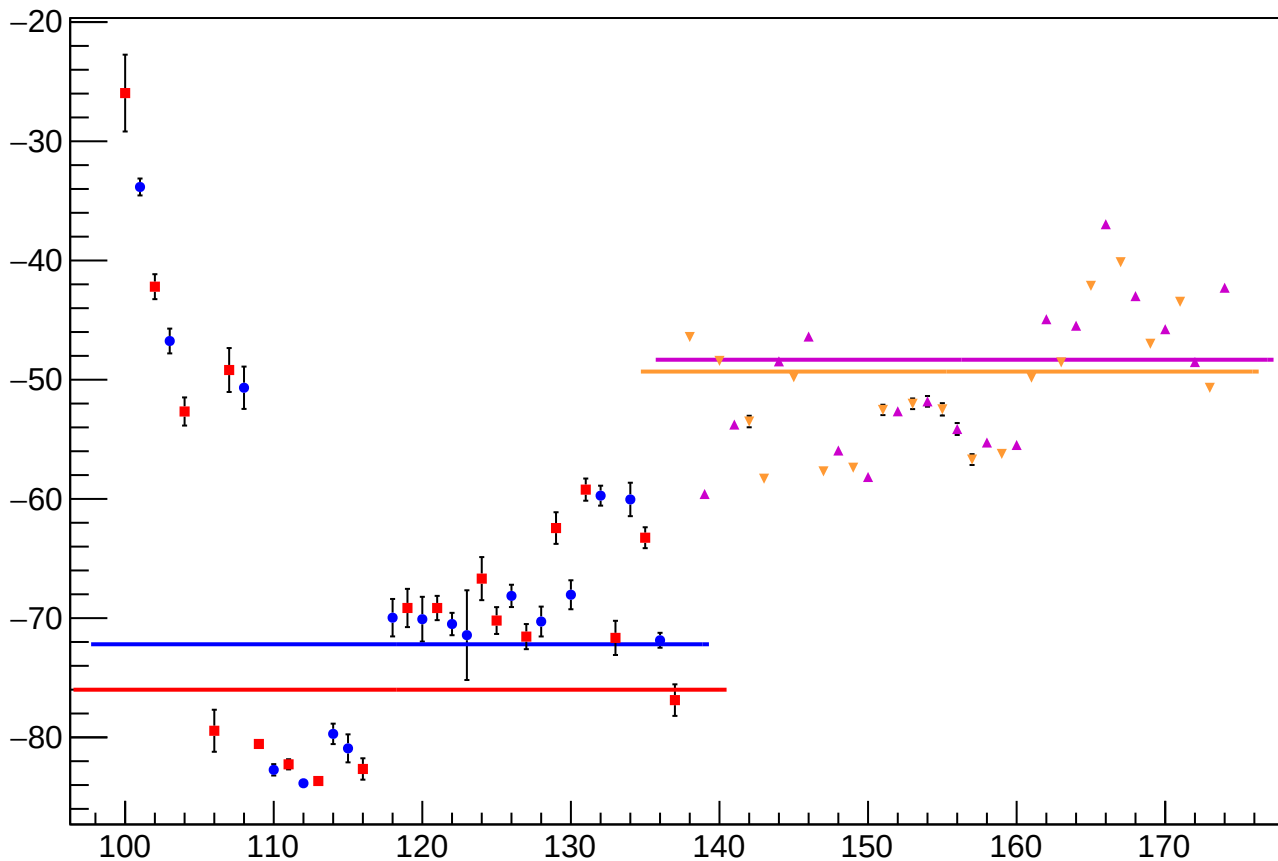
Right: 10.681+/-0.083 χ^2/NDF : 1709.6/35

In: 10.414+/-0.053 χ^2/NDF :2723.1/34

Out: 10.534+/-0.053 χ^2/NDF :2805.2/37

All: 10.474+/-0.038 χ^2/NDF : 5530.9/72

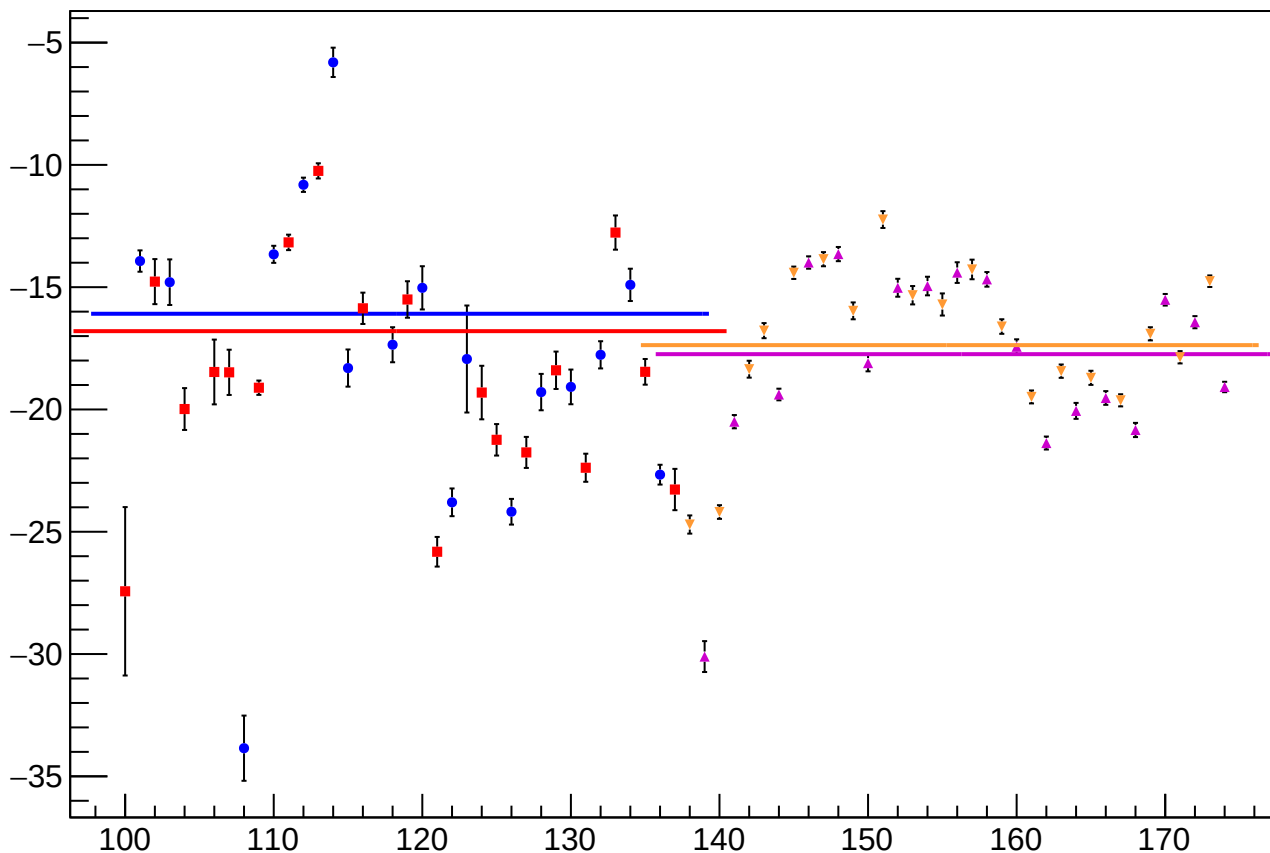
reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$
 Left Out: -49.317 ± 0.082 $\chi^2/\text{NDF}: 4264.9/18$
 Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$
 Left In: -48.324 ± 0.080 $\chi^2/\text{NDF}: 5705.9/17$

Left: -48.810 ± 0.057 $\chi^2/\text{NDF}: 10046.5/36$
 Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$
 In: -51.659 ± 0.074 $\chi^2/\text{NDF}: 23752.8/34$
 Out: -53.824 ± 0.074 $\chi^2/\text{NDF}: 25807.2/37$
 All: -52.737 ± 0.052 $\chi^2/\text{NDF}: 49985.7/72$

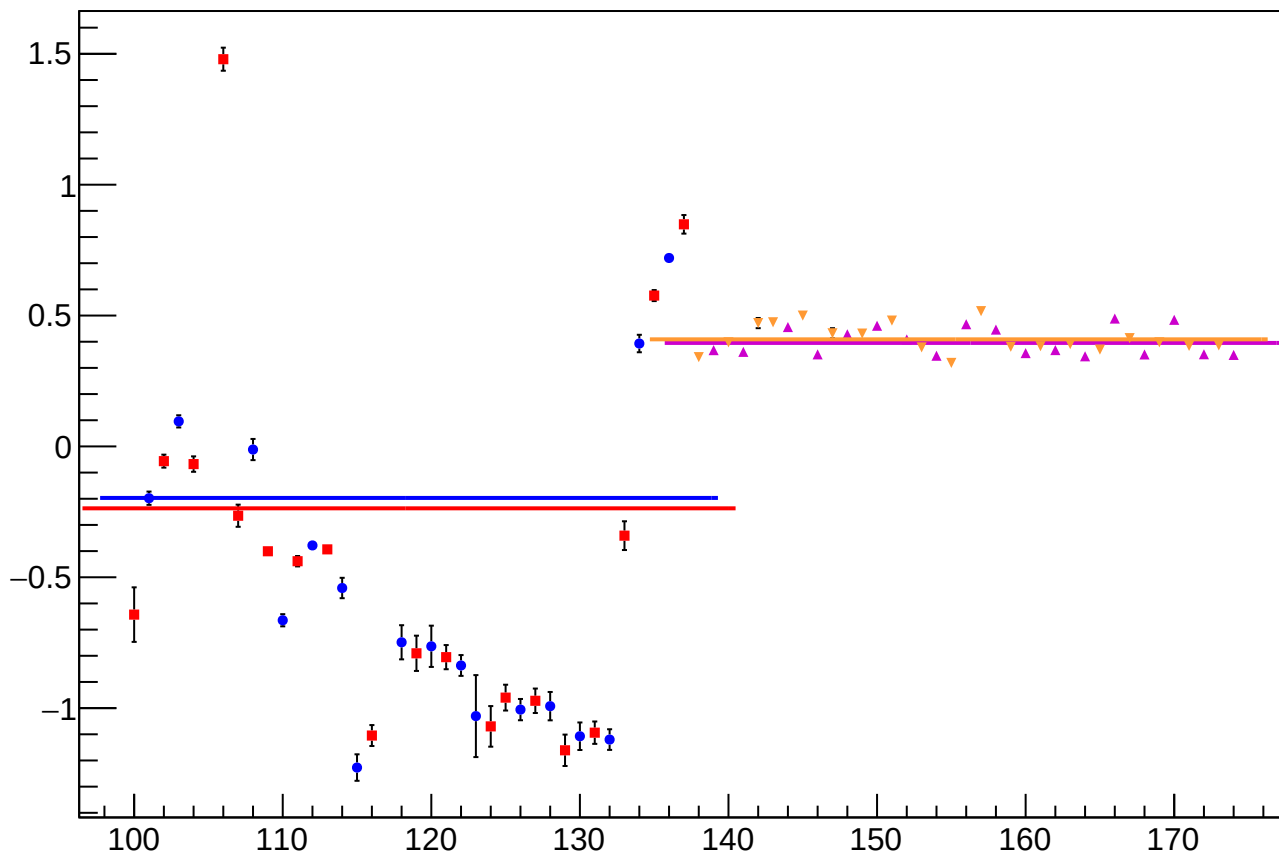
reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$
 Left Out: -17.370 ± 0.068 $\chi^2/\text{NDF}: 1937.9/18$
 Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$
 Left In: -17.739 ± 0.068 $\chi^2/\text{NDF}: 1776.6/17$

Left: -17.554 ± 0.048 $\chi^2/\text{NDF}: 3729.2/36$
 Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$
 In: -17.394 ± 0.061 $\chi^2/\text{NDF}: 3521.5/34$
 Out: -17.244 ± 0.060 $\chi^2/\text{NDF}: 3167.4/37$
 All: -17.318 ± 0.043 $\chi^2/\text{NDF}: 6691.9/72$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.409 ± 0.003 χ^2/NDF : 238.7/18

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.395 ± 0.003 χ^2/NDF : 301.3/17

Left: 0.402 ± 0.002 χ^2/NDF : 549.5/36

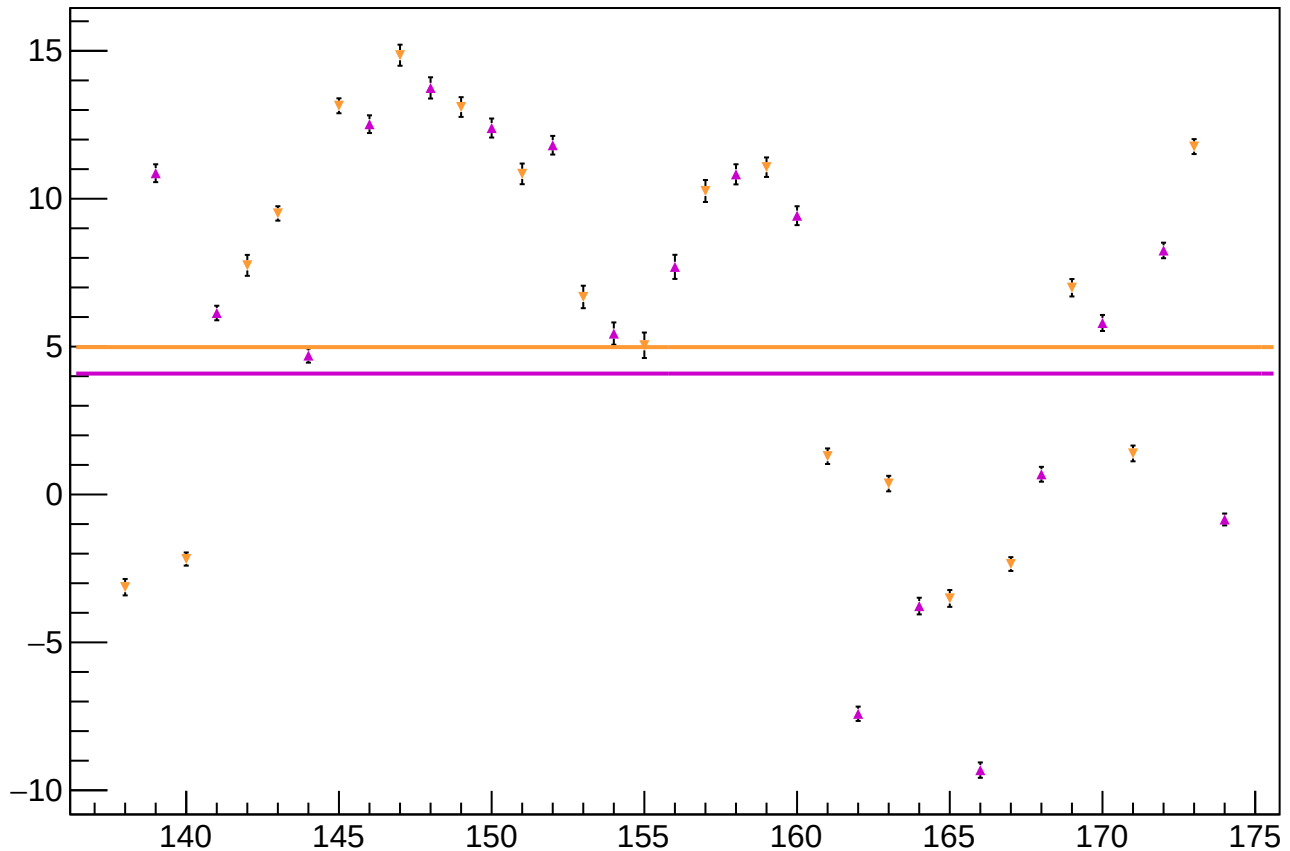
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.310 ± 0.003 χ^2/NDF : 11898.5/34

Out: 0.304 ± 0.003 χ^2/NDF : 13242.8/37

All: 0.307 ± 0.002 χ^2/NDF : 25143.6/72

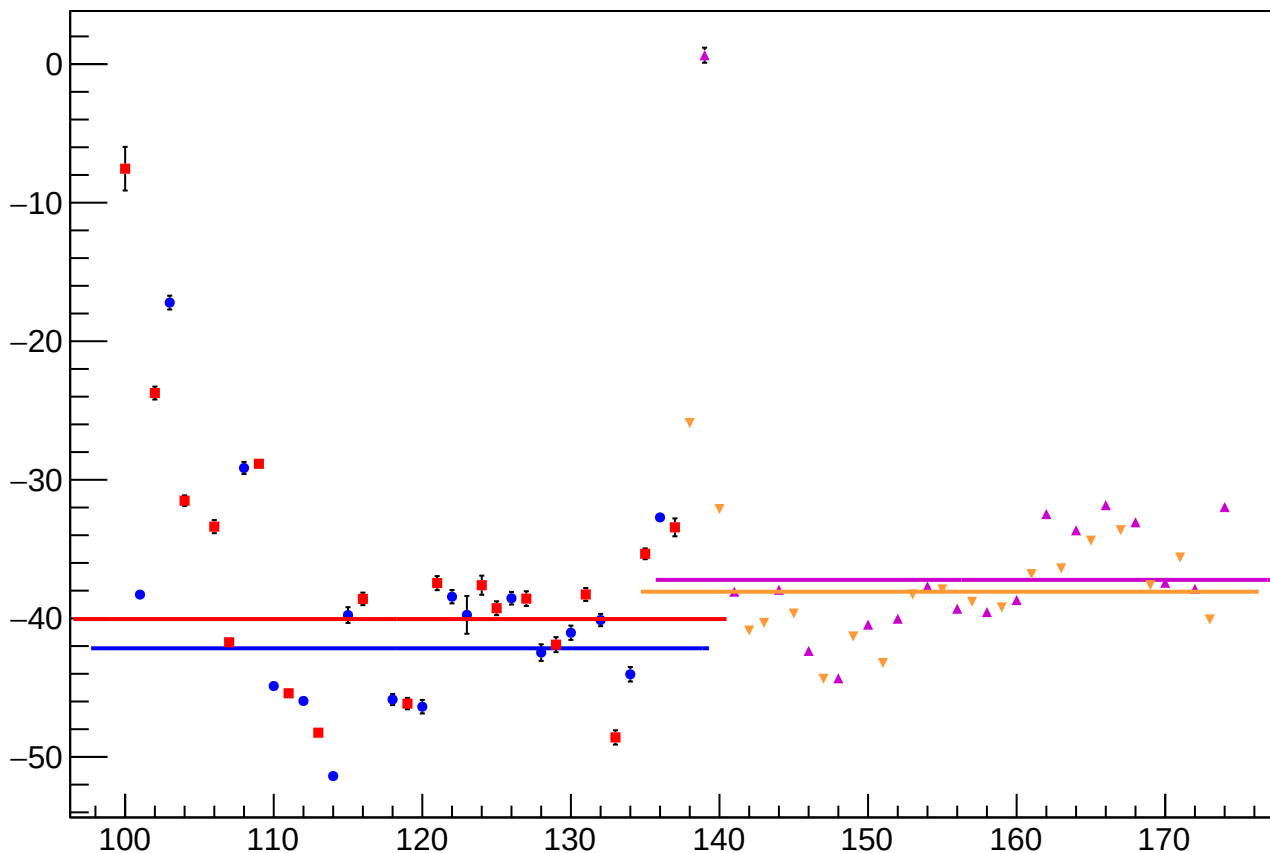
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.983+/-0.066 χ^2/NDF :8879.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.089+/-0.066 χ^2/NDF :10893.7/17

Left: 4.536+/-0.047 χ^2/NDF : 19864.7/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.089+/-0.066 χ^2/NDF :10893.7/17
 Out: 4.983+/-0.066 χ^2/NDF :8879.6/18
 All: 4.536+/-0.047 χ^2/NDF : 19864.7/36

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2/NDF : 6570.6/16

Left Out: -38.076 $\pm$ 0.048 χ^2/NDF : 6885.8/18

Right Out: -40.050 $\pm$ 0.073 χ^2/NDF : 11311.3/18

Left In: -37.222 $\pm$ 0.050 χ^2/NDF : 10467.7/17

Left: -37.663 $\pm$ 0.035 χ^2/NDF : 17506.3/36

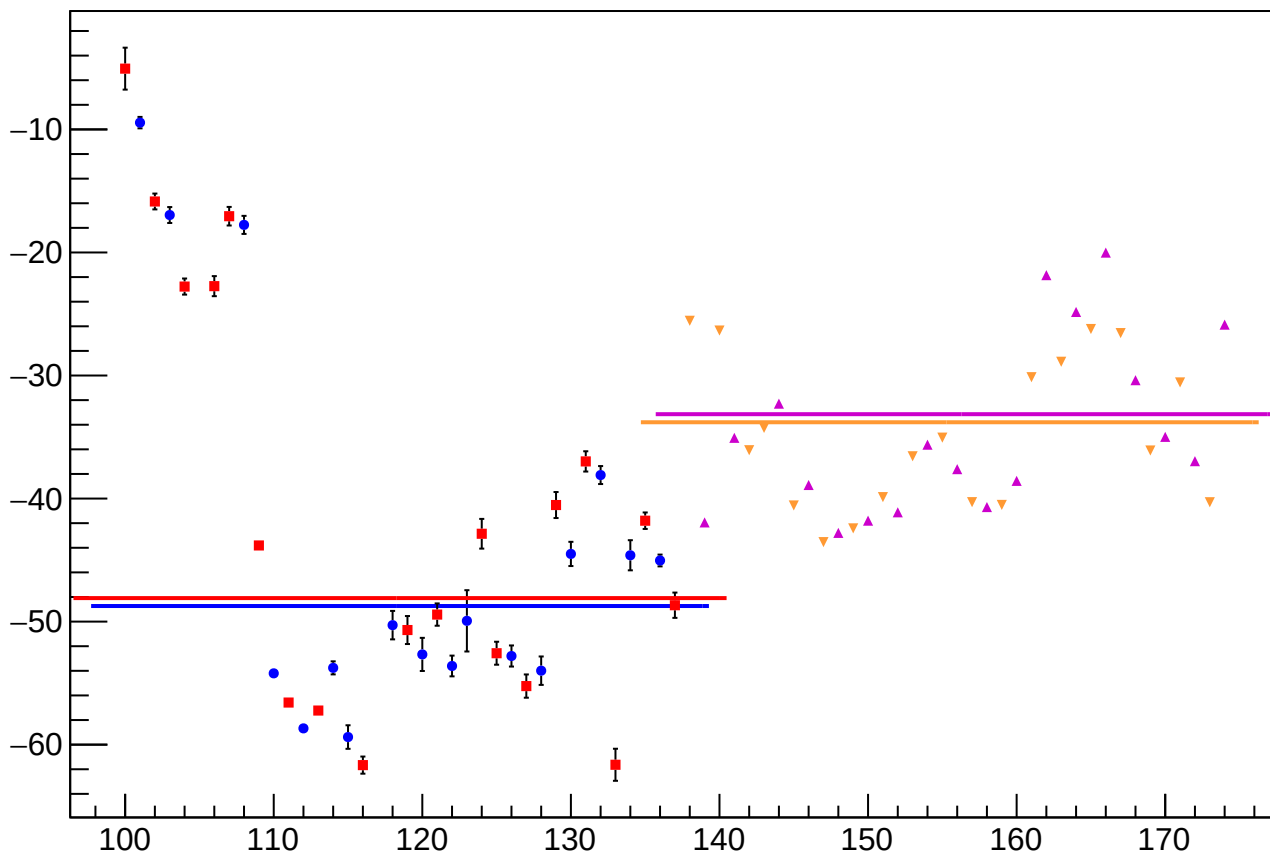
Right: -41.033 $\pm$ 0.053 χ^2/NDF : 18273.5/35

In: -38.648 $\pm$ 0.042 χ^2/NDF : 19895.0/34

Out: -38.675 $\pm$ 0.040 χ^2/NDF : 18709.8/37

All: -38.662 $\pm$ 0.029 χ^2/NDF : 38604.9/72

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -33.799 $\pm$ 0.066 χ^2 /NDF: 8326.2/18

Right Out: -48.090 $\pm$ 0.107 χ^2 /NDF: 11731.5/18

Left In: -33.142 $\pm$ 0.066 χ^2 /NDF: 11844.4/17

Left: -33.470 $\pm$ 0.047 χ^2 /NDF: 20219.7/36

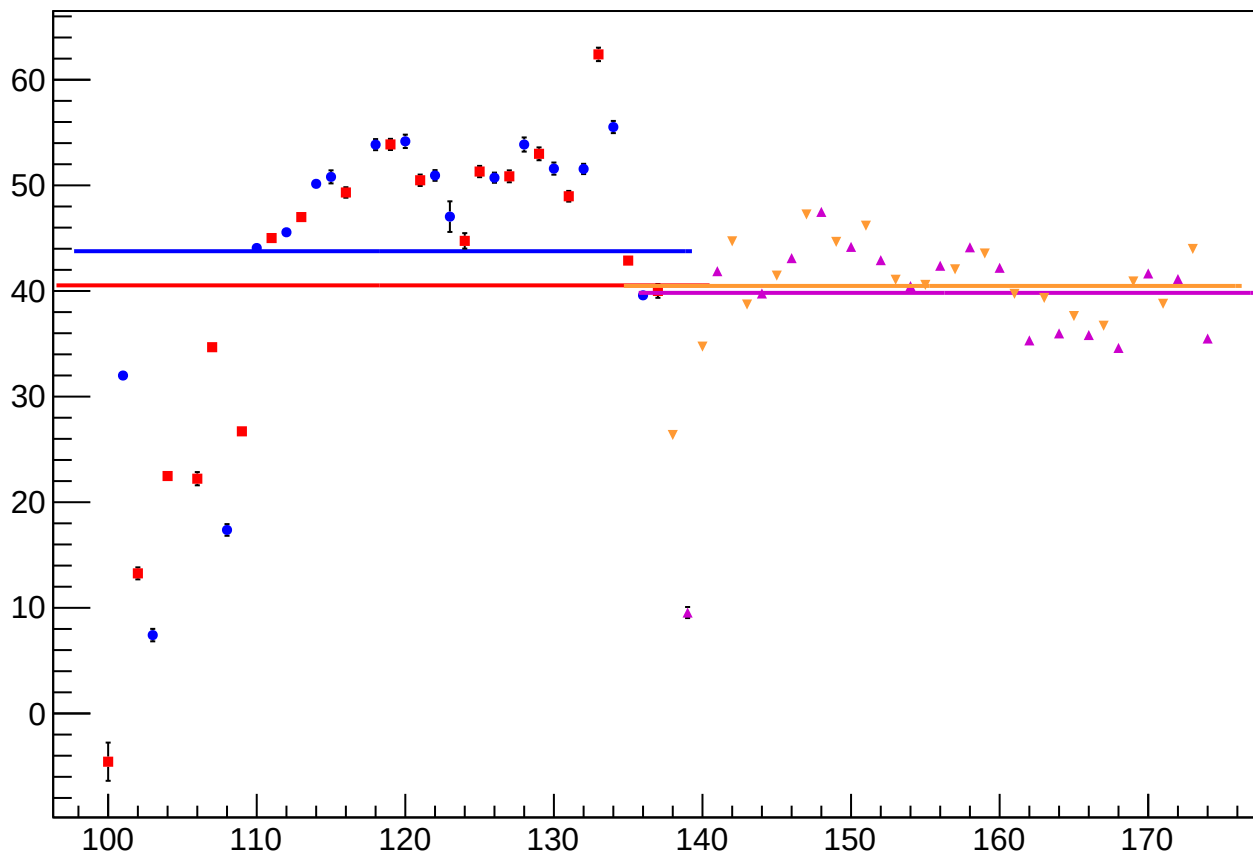
Right: -48.363 $\pm$ 0.081 χ^2 /NDF: 26406.2/35

In: -36.567 $\pm$ 0.058 χ^2 /NDF: 38704.8/34

Out: -37.751 $\pm$ 0.056 χ^2 /NDF: 32908.9/37

All: -37.180 $\pm$ 0.041 χ^2 /NDF: 71826.3/72

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: 40.479 $\pm$ 0.055 χ^2/NDF : 5654.5/18

Right Out: 40.531 $\pm$ 0.080 χ^2/NDF : 17580.8/18

Left In: 39.822 $\pm$ 0.056 χ^2/NDF : 7583.0/17

Left: 40.158 $\pm$ 0.039 χ^2/NDF : 13306.8/36

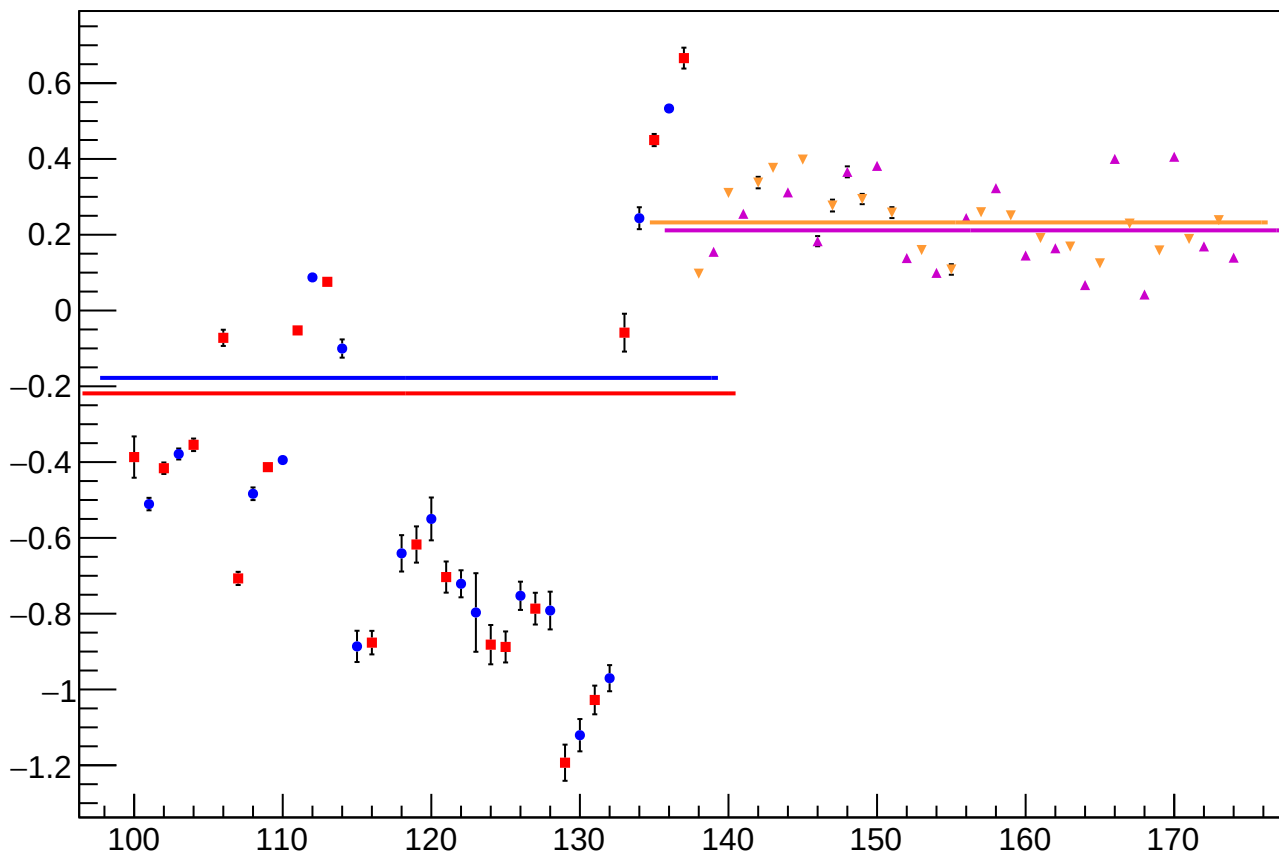
Right: 42.021 $\pm$ 0.059 χ^2/NDF : 28963.8/35

In: 40.995 $\pm$ 0.047 χ^2/NDF : 19667.6/34

Out: 40.496 $\pm$ 0.045 χ^2/NDF : 23235.6/37

All: 40.735 $\pm$ 0.033 χ^2/NDF : 42961.0/72

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.232 ± 0.003 χ^2/NDF : 1035.6/18

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.212 ± 0.003 χ^2/NDF : 1922.6/17

Left: 0.222 ± 0.002 χ^2/NDF : 2991.4/36

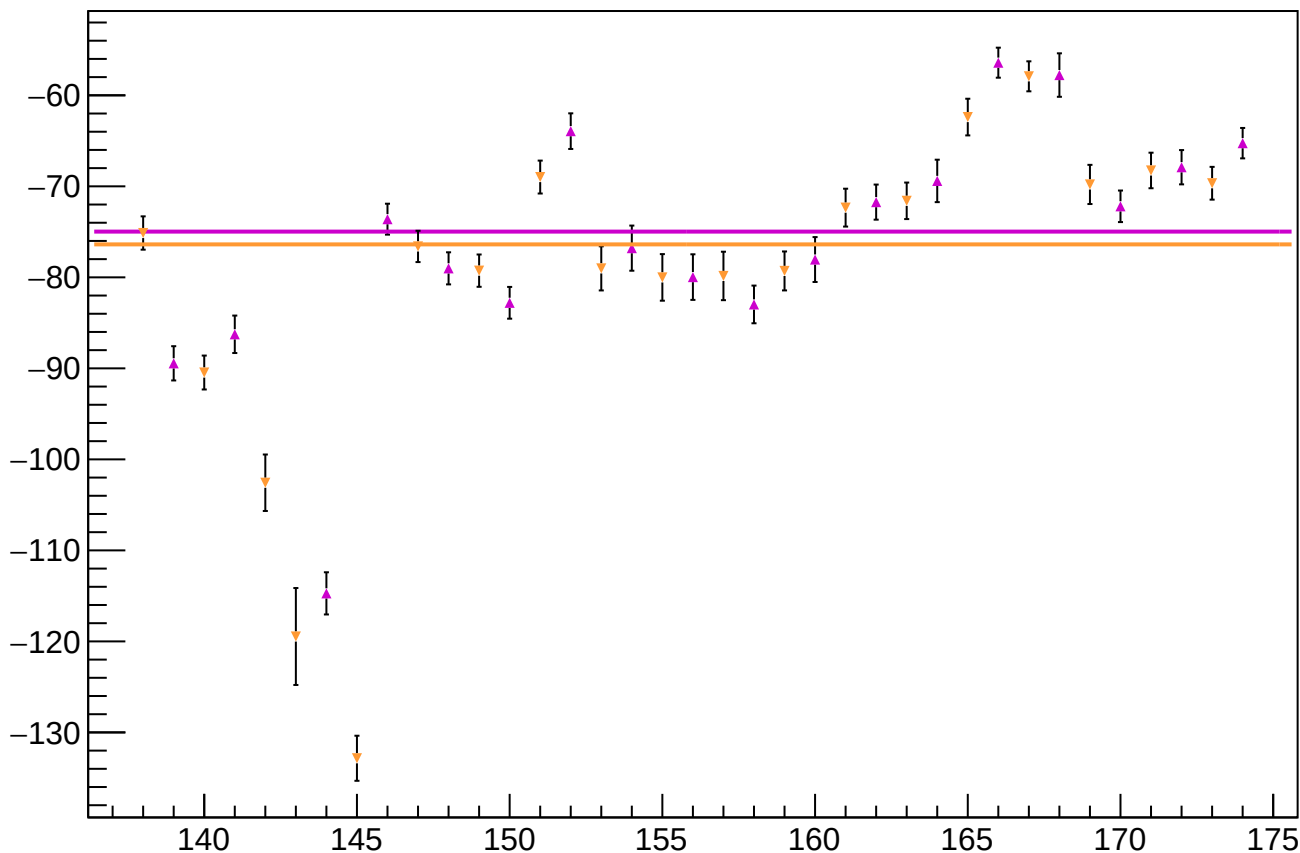
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.126 ± 0.002 χ^2/NDF : 14331.0/34

Out: 0.113 ± 0.002 χ^2/NDF : 16596.2/37

All: 0.119 ± 0.002 χ^2/NDF : 30943.8/72

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



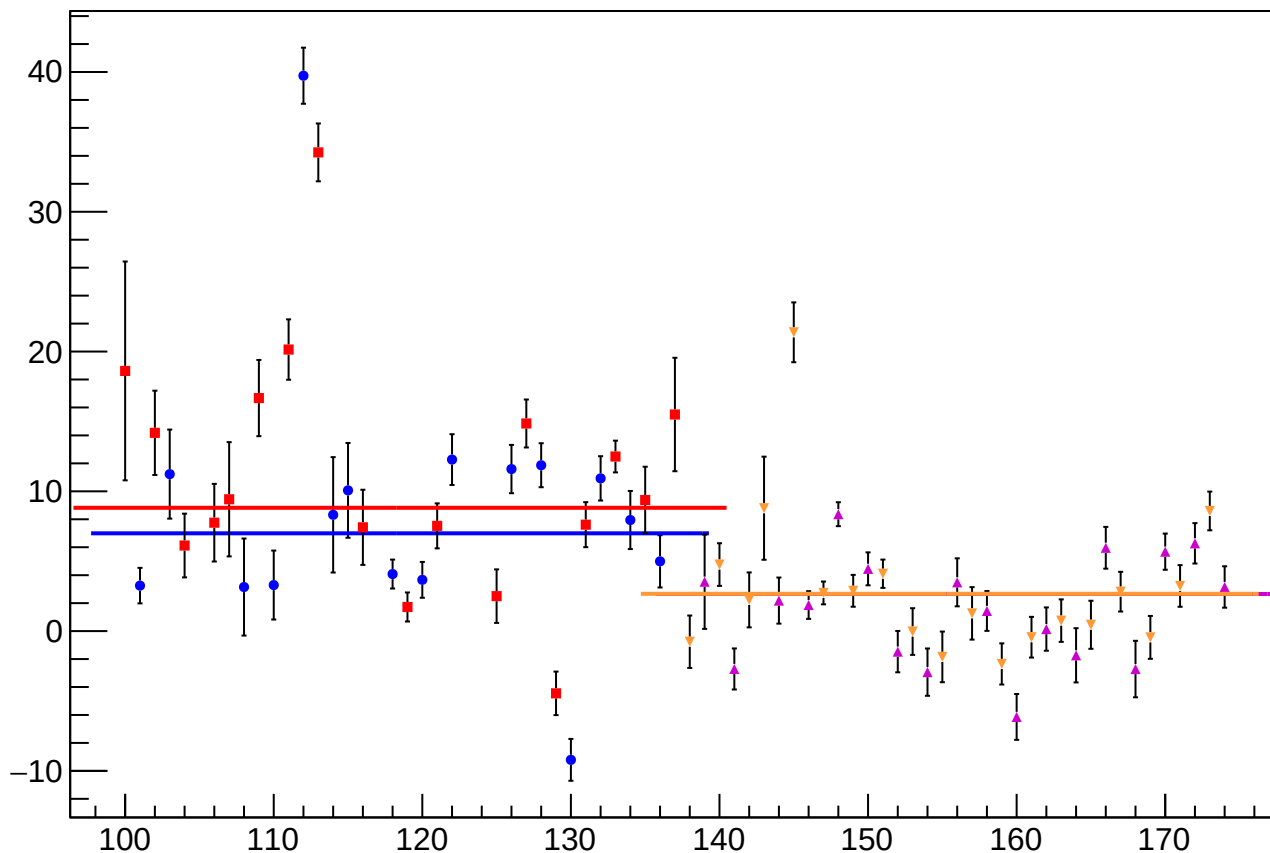
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.379+/-0.476 χ^2/NDF :964.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -74.974+/-0.464 χ^2/NDF :699.6/17

Left: -75.658+/-0.332 χ^2/NDF : 1668.4/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.974+/-0.464 χ^2/NDF :699.6/17
 Out: -76.379+/-0.476 χ^2/NDF :964.3/18

All: -75.658+/-0.332 χ^2/NDF : 1668.4/36

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 2.668 $\pm$ 0.332 χ^2 /NDF:137.9/18

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 2.655 $\pm$ 0.334 χ^2 /NDF:140.9/17

Left: 2.662 $\pm$ 0.236 χ^2 /NDF: 278.8/36

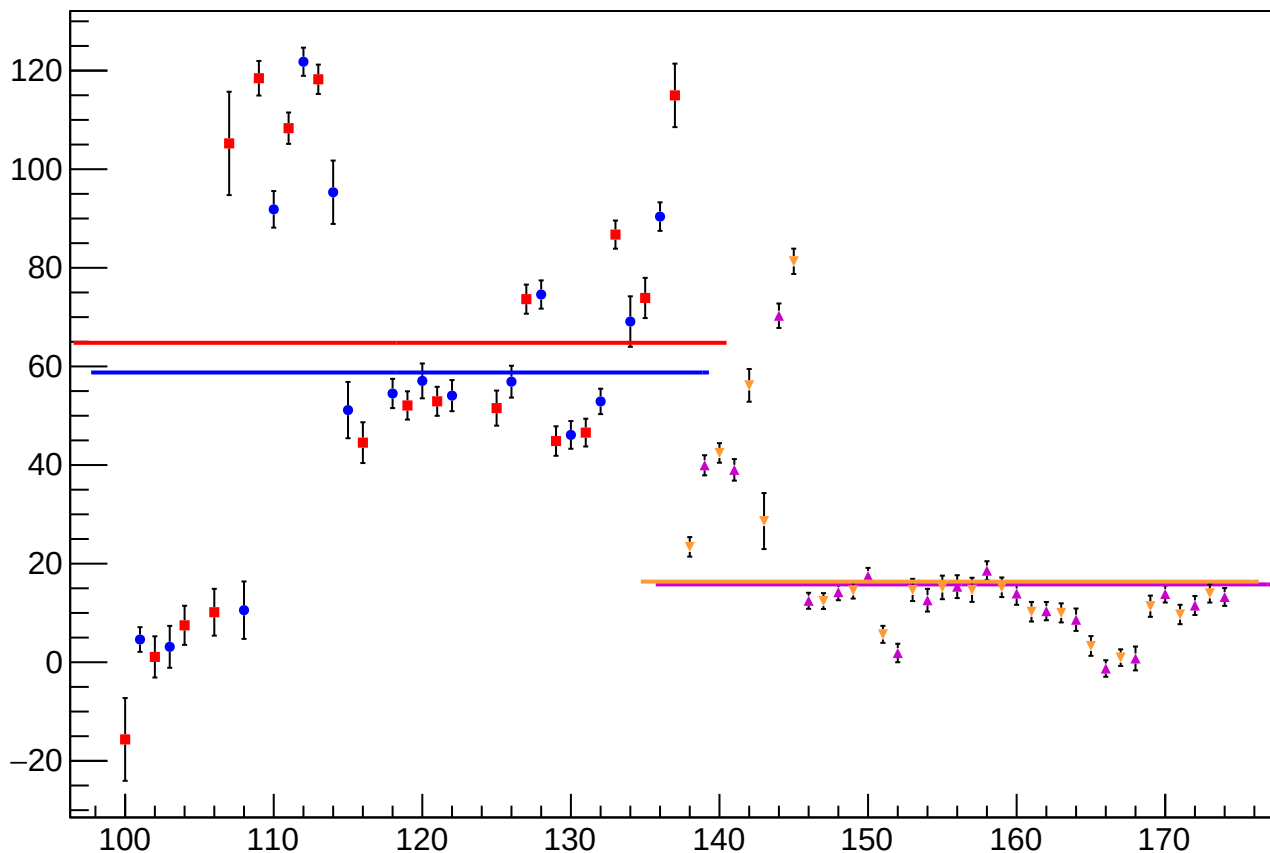
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 4.272 $\pm$ 0.265 χ^2 /NDF:649.0/33

Out: 4.847 $\pm$ 0.267 χ^2 /NDF:609.8/36

All: 4.557 $\pm$ 0.188 χ^2 /NDF: 1261.1/70

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 16.354 $\pm$ 0.469 χ^2 /NDF:1185.3/18

Right Out: 64.792 $\pm$ 0.840 χ^2 /NDF: 1718.1/17

Left In: 15.786 $\pm$ 0.458 χ^2 /NDF:971.0/17

Left: 16.063 $\pm$ 0.328 χ^2 /NDF: 2157.0/36

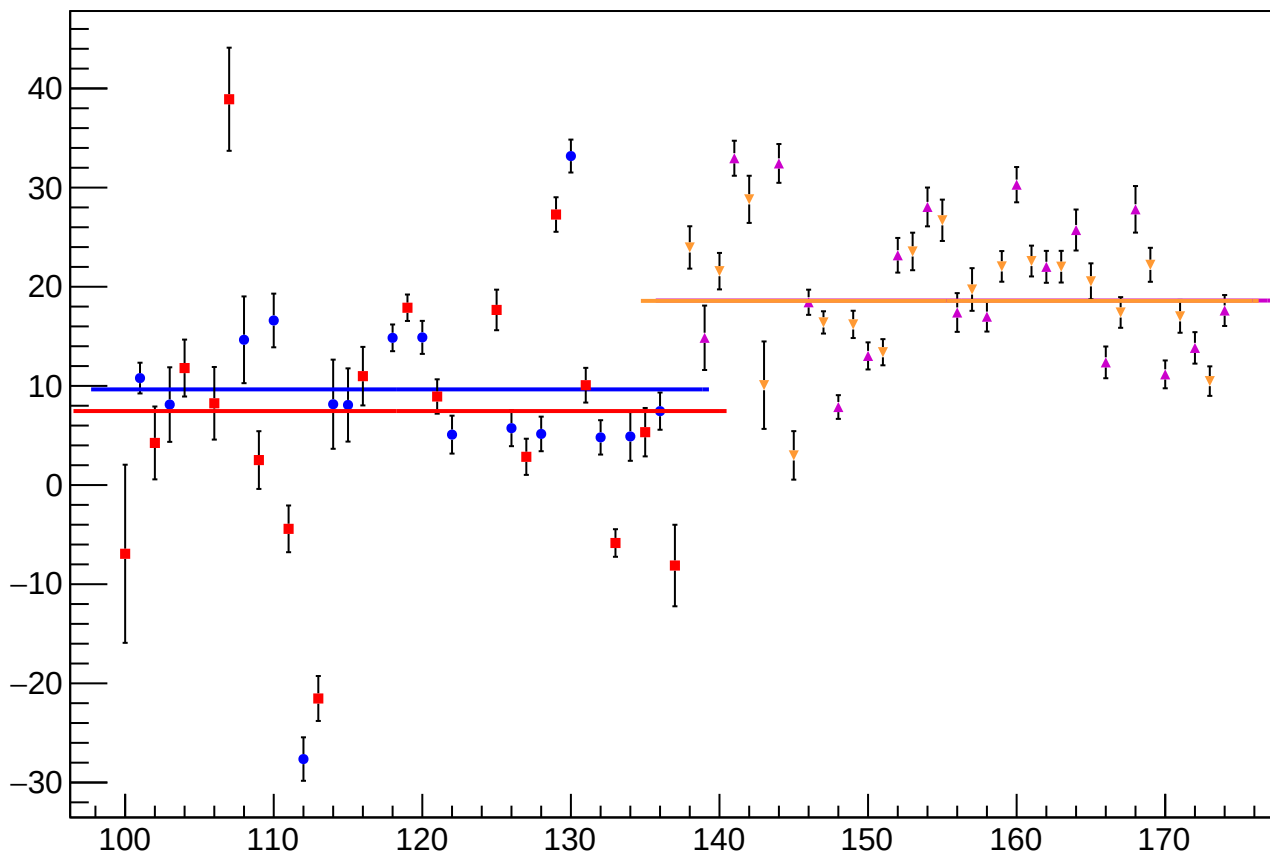
Right: 61.754 $\pm$ 0.592 χ^2 /NDF: 3237.3/33

In: 25.762 $\pm$ 0.401 χ^2 /NDF:4509.5/33

Out: 27.864 $\pm$ 0.410 χ^2 /NDF:5435.4/36

All: 26.791 $\pm$ 0.287 χ^2 /NDF: 9958.3/70

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.575 ± 0.388 χ^2/NDF : 169.5/18

Right Out: 7.463 ± 0.516 χ^2/NDF : 566.9/17

Left In: 18.609 ± 0.388 χ^2/NDF : 373.8/17

Left: 18.592 ± 0.274 χ^2/NDF : 543.3/36

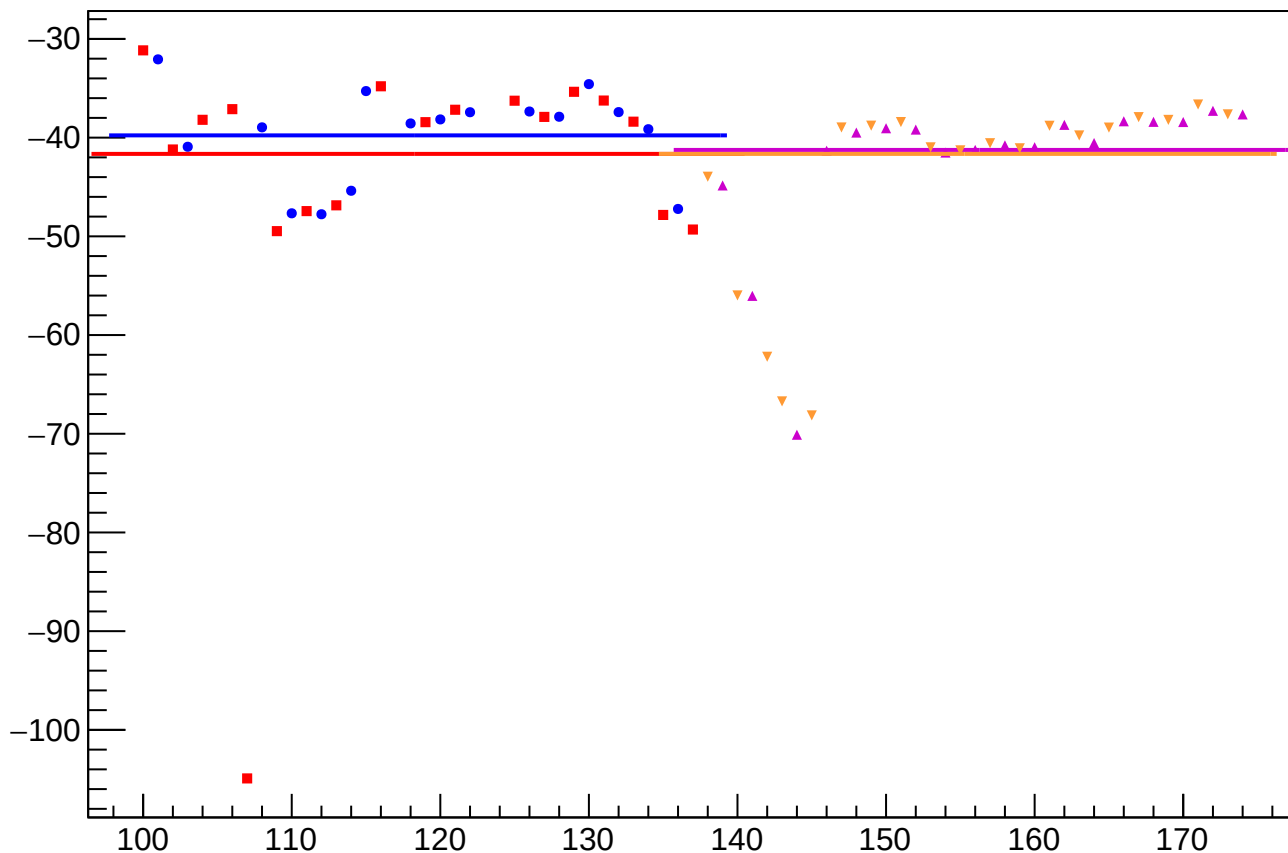
Right: 8.585 ± 0.360 χ^2/NDF : 1129.6/33

In: 15.259 ± 0.307 χ^2/NDF : 1126.9/33

Out: 14.554 ± 0.310 χ^2/NDF : 1032.7/36

All: 14.910 ± 0.218 χ^2/NDF : 2162.2/70

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15

Left Out: -41.648 ± 0.018 χ^2/NDF : 153494.8/18

Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17

Left In: -41.246 ± 0.018 χ^2/NDF : 115349.0/17

Left: -41.441 ± 0.013 χ^2/NDF : 269089.0/36

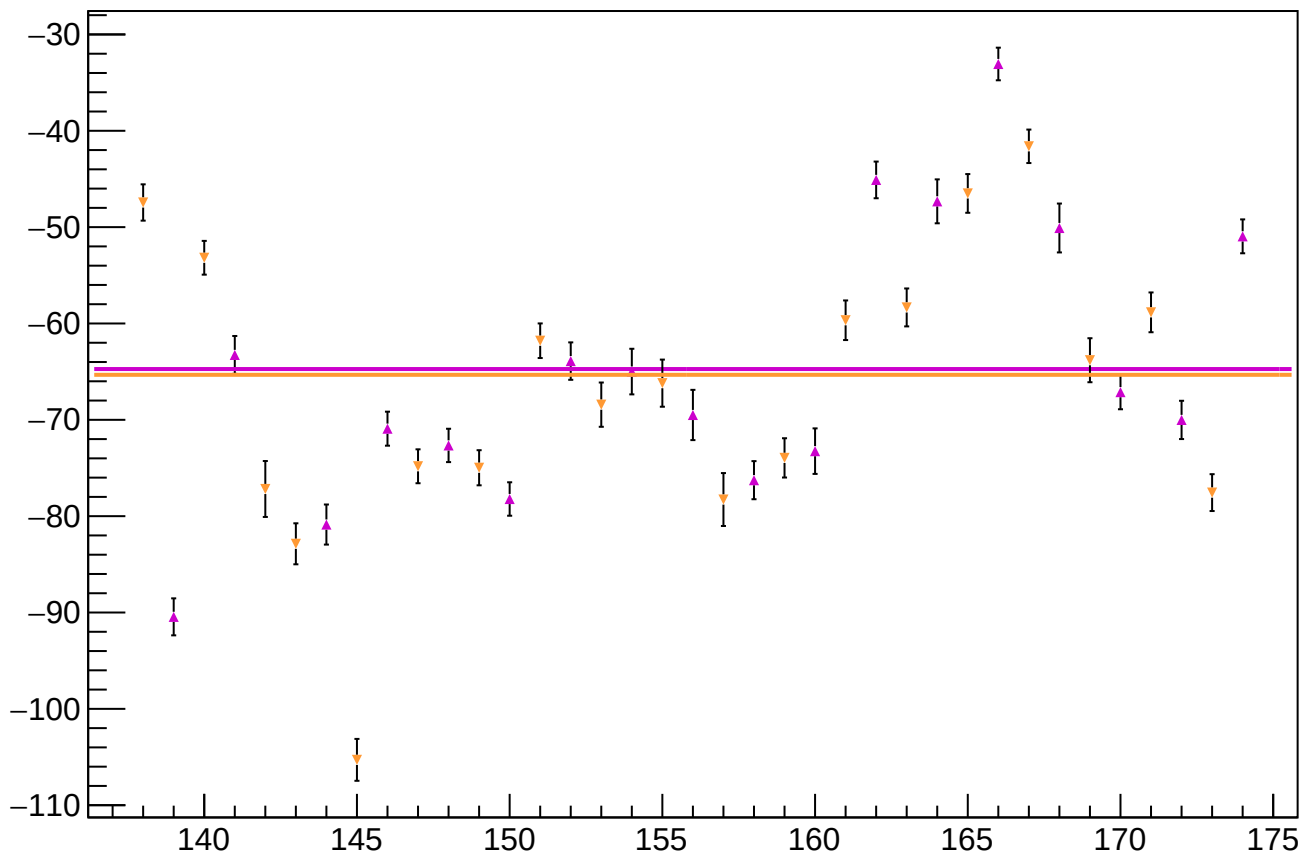
Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33

In: -40.880 ± 0.015 χ^2/NDF : 143215.9/33

Out: -41.648 ± 0.016 χ^2/NDF : 248009.3/36

All: -41.255 ± 0.011 χ^2/NDF : 392424.7/70

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.328+/-0.466 χ^2/NDF :1009.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Left: -65.027+/-0.329 χ^2/NDF : 2012.6/36

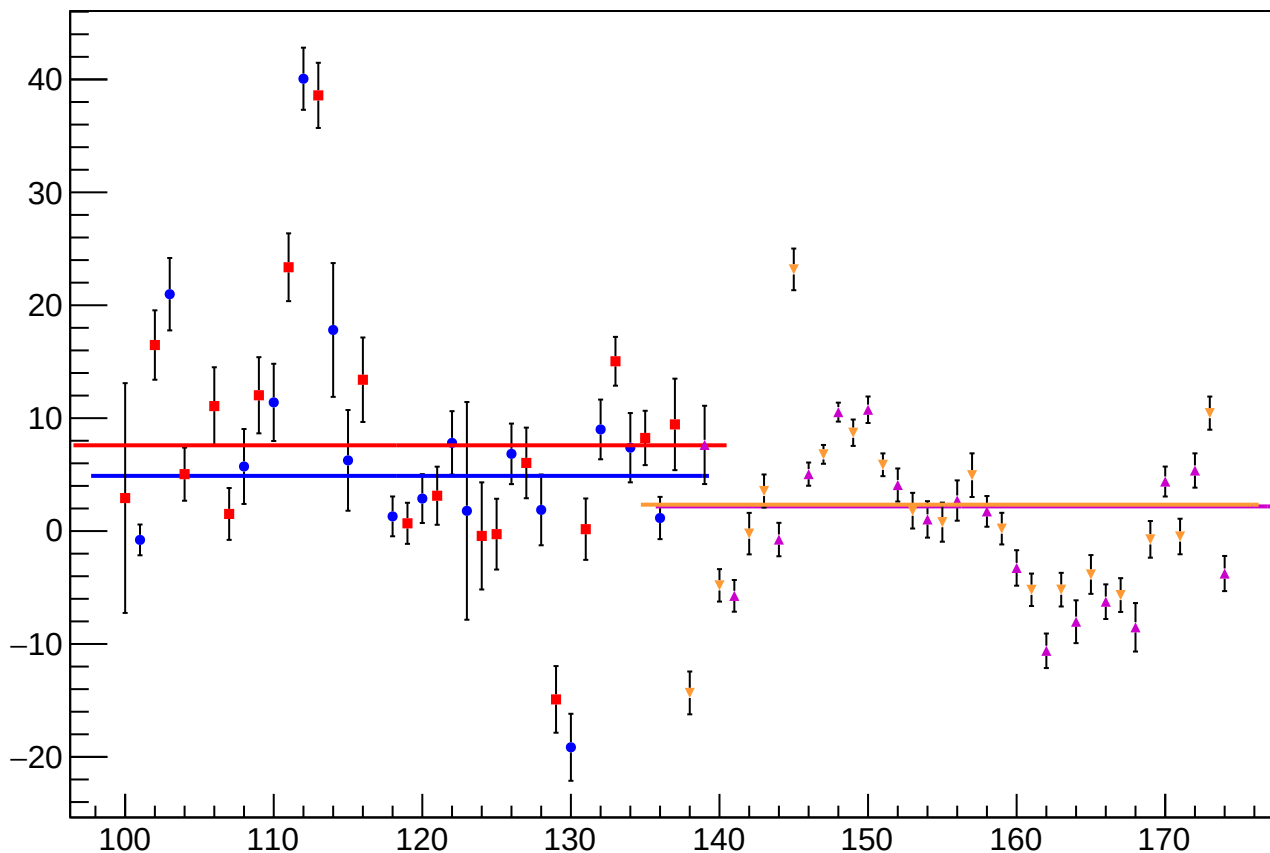
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -64.729+/-0.464 χ^2/NDF :1002.4/17

Out: -65.328+/-0.466 χ^2/NDF :1009.4/18

All: -65.027+/-0.329 χ^2/NDF : 2012.6/36

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 2.339 ± 0.325 χ^2/NDF : 439.7/18

Right Out: 7.596 ± 0.651 χ^2/NDF : 269.4/18

Left In: 2.183 ± 0.333 χ^2/NDF : 388.5/17

Left: 2.263 ± 0.233 χ^2/NDF : 828.3/36

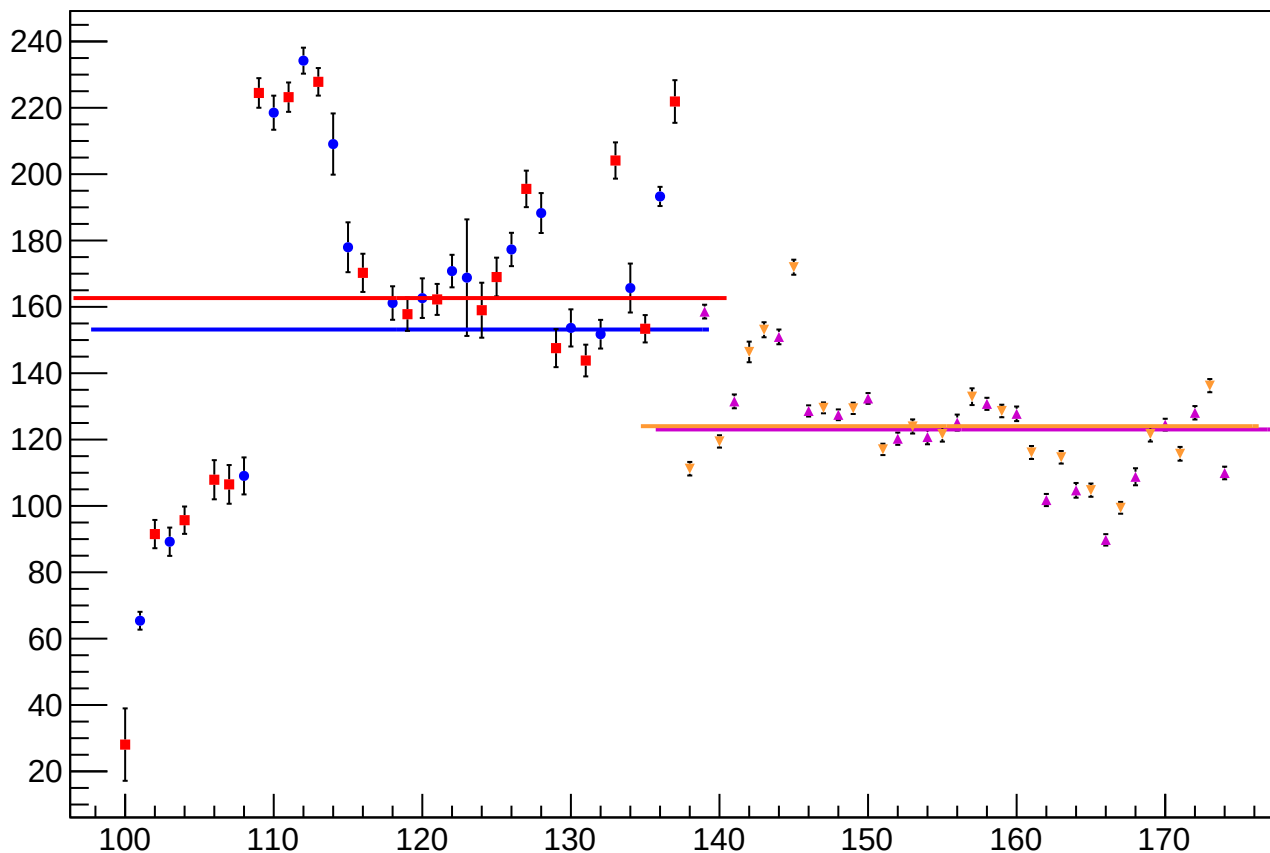
Right: 6.180 ± 0.450 χ^2/NDF : 573.2/35

In: 2.786 ± 0.294 χ^2/NDF : 697.9/34

Out: 3.390 ± 0.291 χ^2/NDF : 761.3/37

All: 3.091 ± 0.207 χ^2/NDF : 1461.3/72

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 124.038 $\pm$ 0.461 χ^2 /NDF:1144.3/18

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 123.052 $\pm$ 0.458 χ^2 /NDF:1204.3/17

Left: 123.541 $\pm$ 0.325 χ^2 /NDF: 2350.9/36

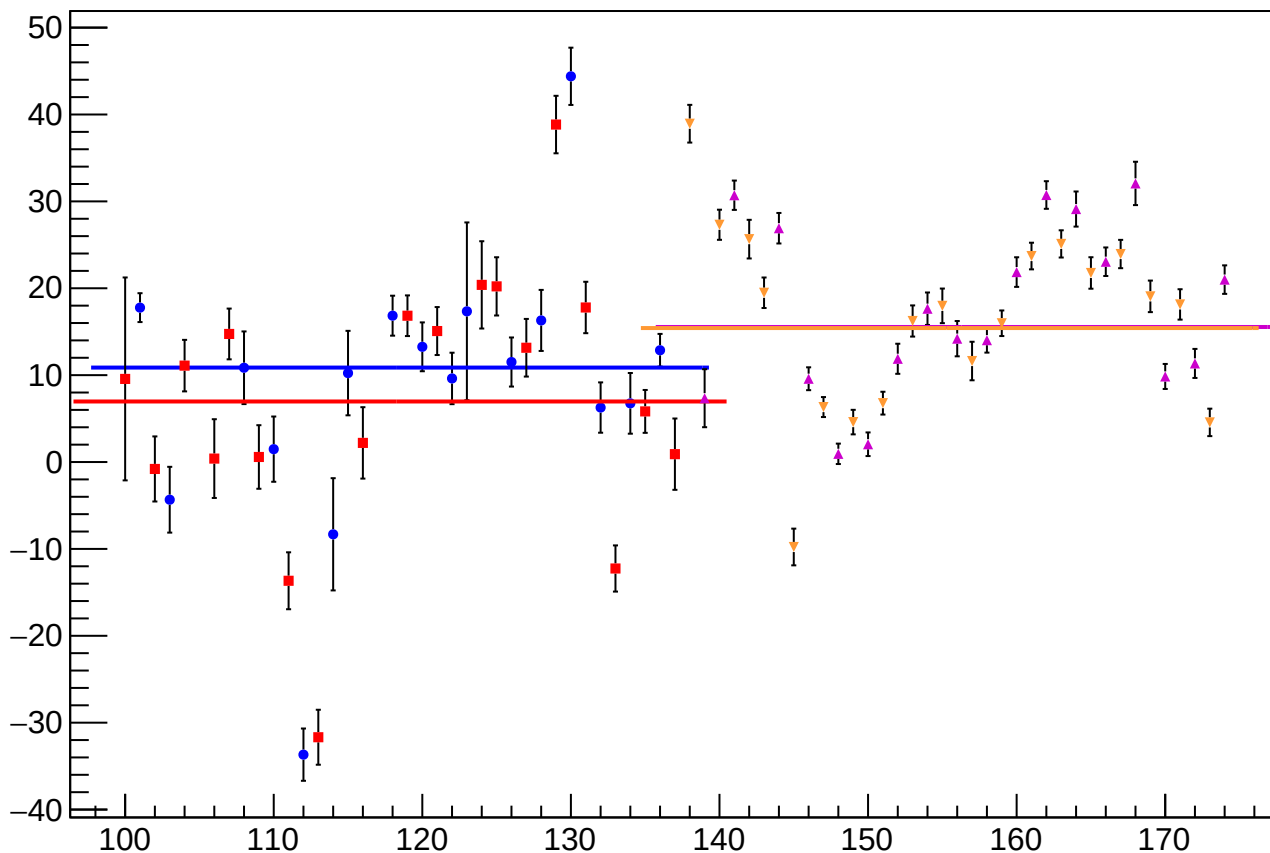
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 127.196 $\pm$ 0.425 χ^2 /NDF:4063.9/34

Out: 129.183 $\pm$ 0.429 χ^2 /NDF:3786.9/37

All: 128.180 $\pm$ 0.302 χ^2 /NDF: 7861.7/72

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 15.420 $\pm$ 0.381 χ^2 /NDF:663.5/18

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 15.543 $\pm$ 0.387 χ^2 /NDF:657.5/17

Left: 15.481 $\pm$ 0.271 χ^2 /NDF: 1321.1/36

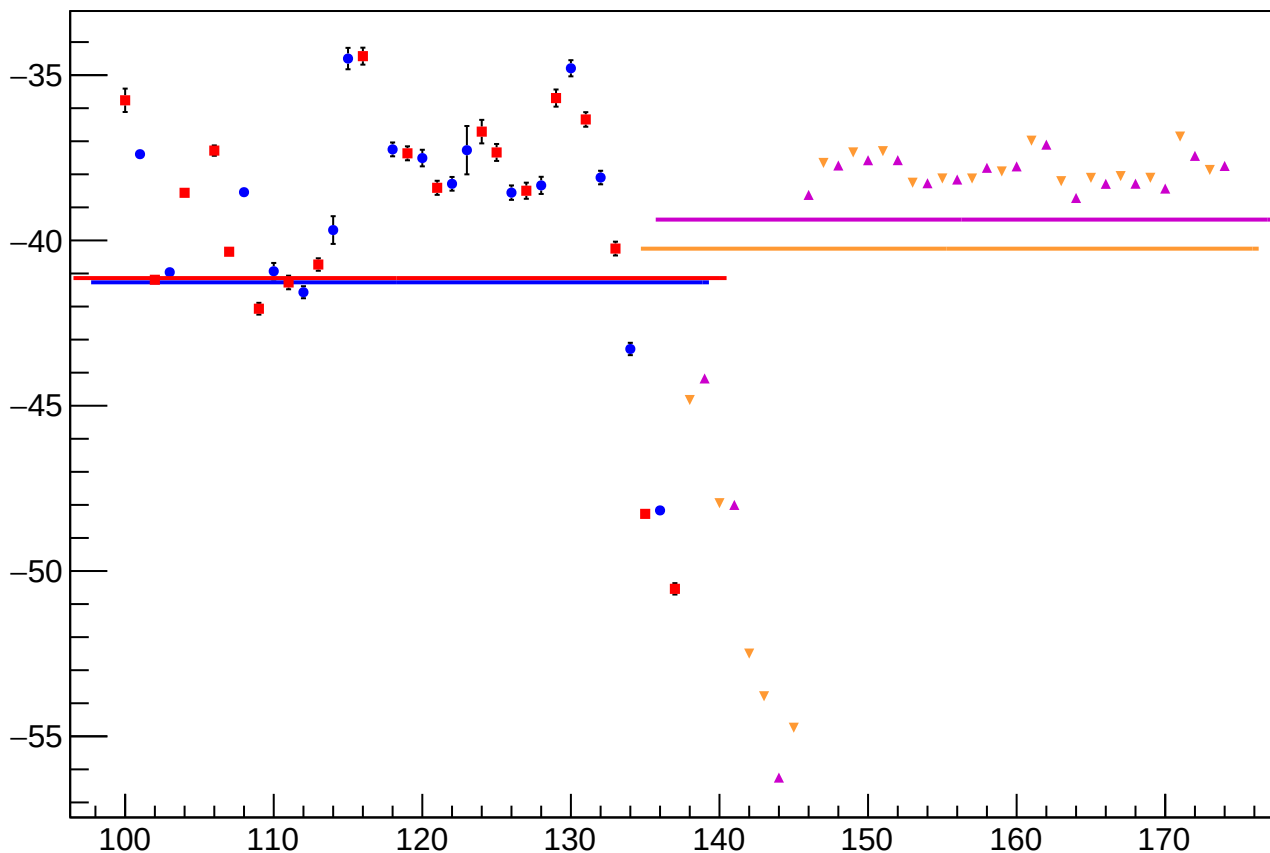
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 14.485 $\pm$ 0.340 χ^2 /NDF:1077.3/34

Out: 13.681 $\pm$ 0.339 χ^2 /NDF:1187.4/37

All: 14.082 $\pm$ 0.240 χ^2 /NDF: 2267.4/72

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -40.249 ± 0.018 $\chi^2/\text{NDF}: 85452.1/18$

Right Out: -41.139 ± 0.039 $\chi^2/\text{NDF}: 12242.4/18$

Left In: -39.370 ± 0.018 $\chi^2/\text{NDF}: 50913.2/17$

Left: -39.804 ± 0.013 $\chi^2/\text{NDF}: 137556.8/36$

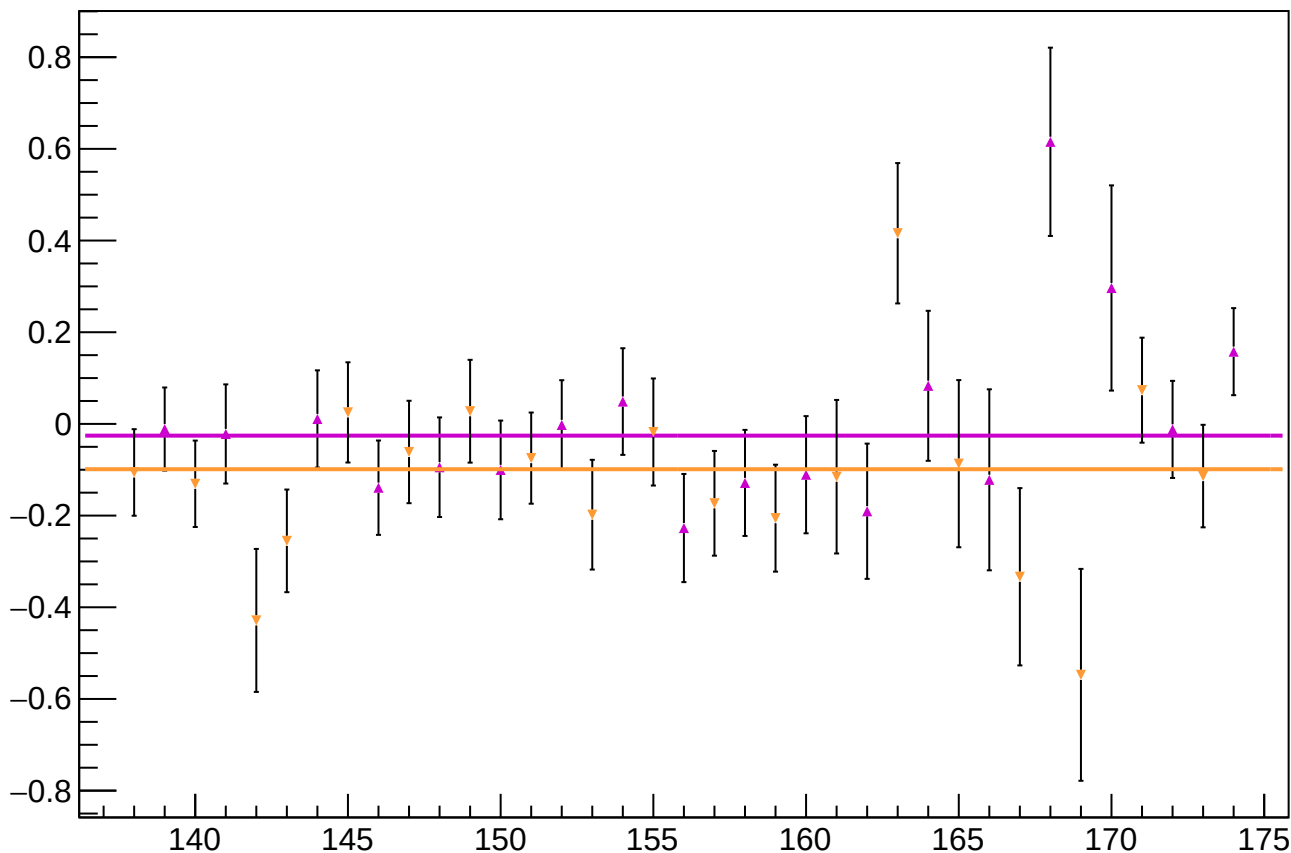
Right: -41.203 ± 0.027 $\chi^2/\text{NDF}: 24829.7/35$

In: -39.707 ± 0.016 $\chi^2/\text{NDF}: 65489.6/34$

Out: -40.410 ± 0.016 $\chi^2/\text{NDF}: 98129.8/37$

All: -40.055 ± 0.012 $\chi^2/\text{NDF}: 164546.7/72$

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: -0.099 $\pm$ 0.028 χ^2 /NDF:30.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.026 $\pm$ 0.028 χ^2 /NDF:24.4/17

Left: -0.062 $\pm$ 0.020 χ^2 /NDF: 58.4/36

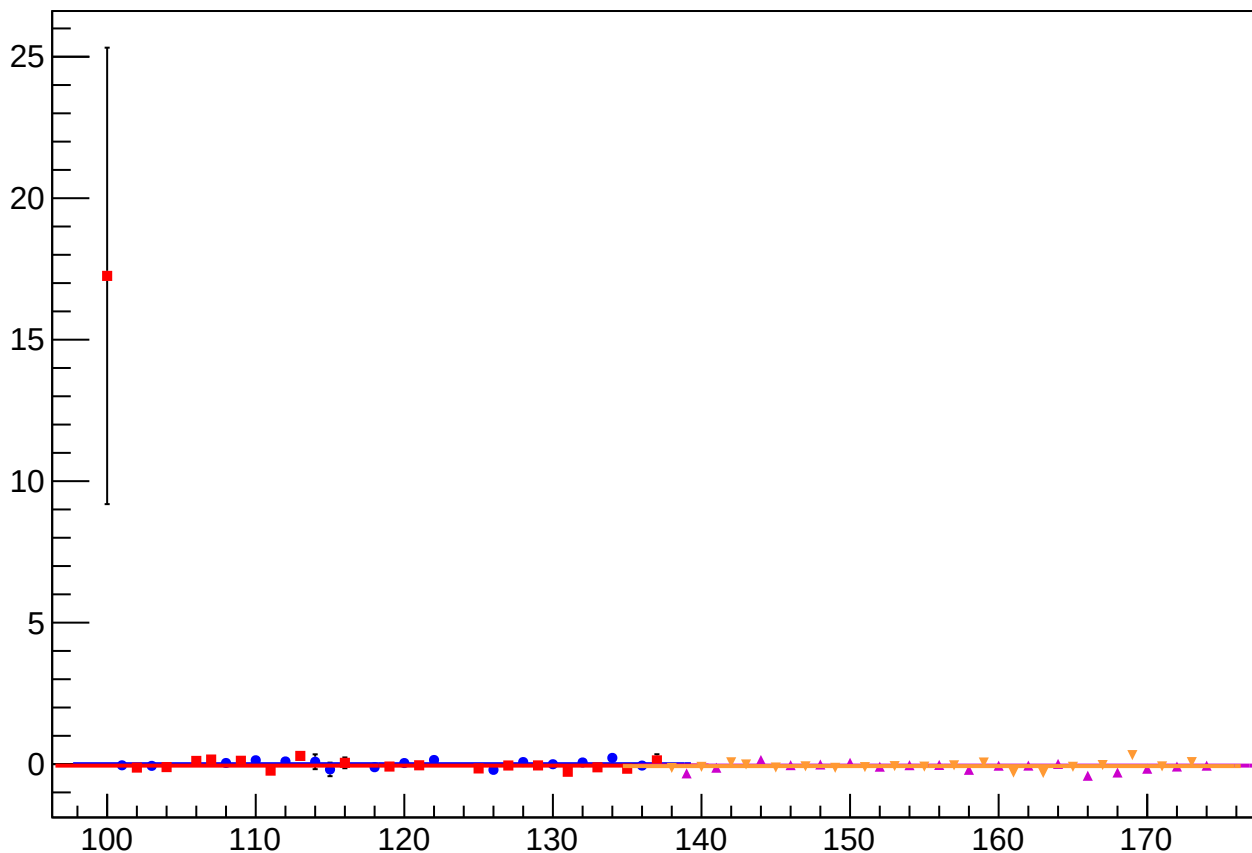
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.026 $\pm$ 0.028 χ^2 /NDF:24.4/17

Out: -0.099 $\pm$ 0.028 χ^2 /NDF:30.5/18

All: -0.062 $\pm$ 0.020 χ^2 /NDF: 58.4/36

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.070 ± 0.020 χ^2/NDF : 23.3/18

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.053 ± 0.020 χ^2/NDF : 23.5/17

Left: -0.062 ± 0.014 χ^2/NDF : 47.3/36

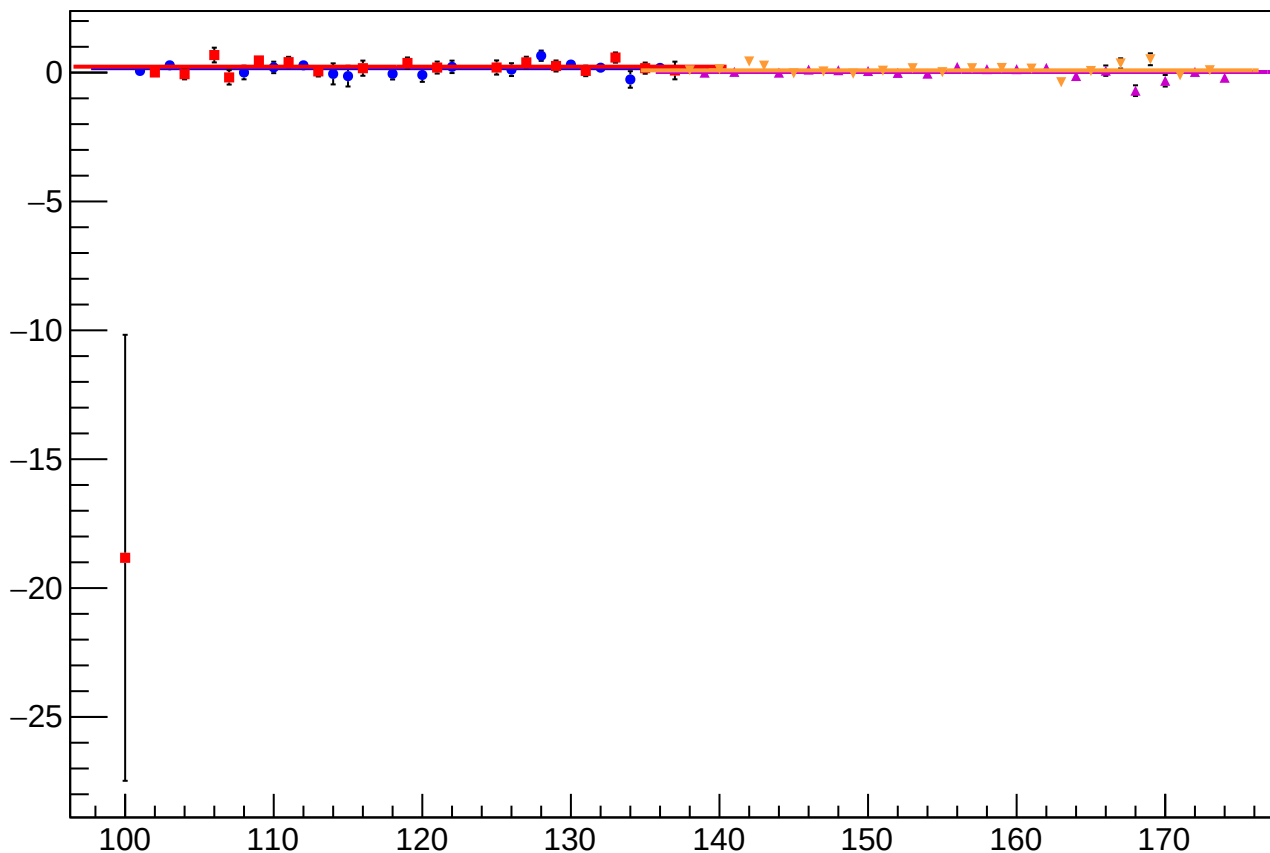
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.036 ± 0.016 χ^2/NDF : 37.8/33

Out: -0.065 ± 0.016 χ^2/NDF : 49.1/36

All: -0.050 ± 0.012 χ^2/NDF : 88.5/70

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.087 $\pm$ 0.028 χ^2 /NDF: 29.8/18

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.022 $\pm$ 0.027 χ^2 /NDF: 28.7/17

Left: 0.055 $\pm$ 0.019 χ^2 /NDF: 61.2/36

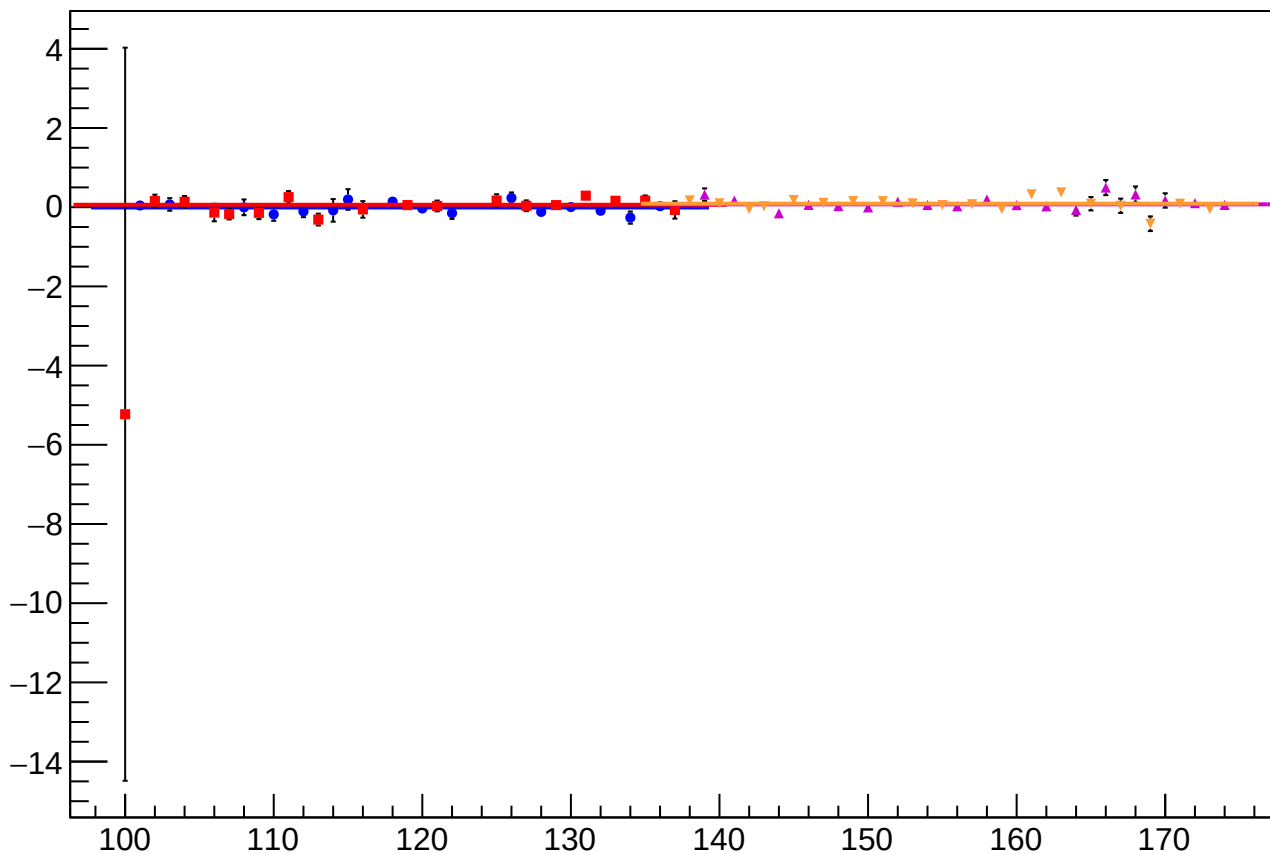
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.054 $\pm$ 0.024 χ^2 /NDF: 47.9/33

Out: 0.116 $\pm$ 0.025 χ^2 /NDF: 57.0/36

All: 0.085 $\pm$ 0.017 χ^2 /NDF: 108.1/70

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.089 ± 0.023 χ^2/NDF : 25.8/18

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.072 ± 0.023 χ^2/NDF : 22.1/17

Left: 0.081 ± 0.016 χ^2/NDF : 48.1/36

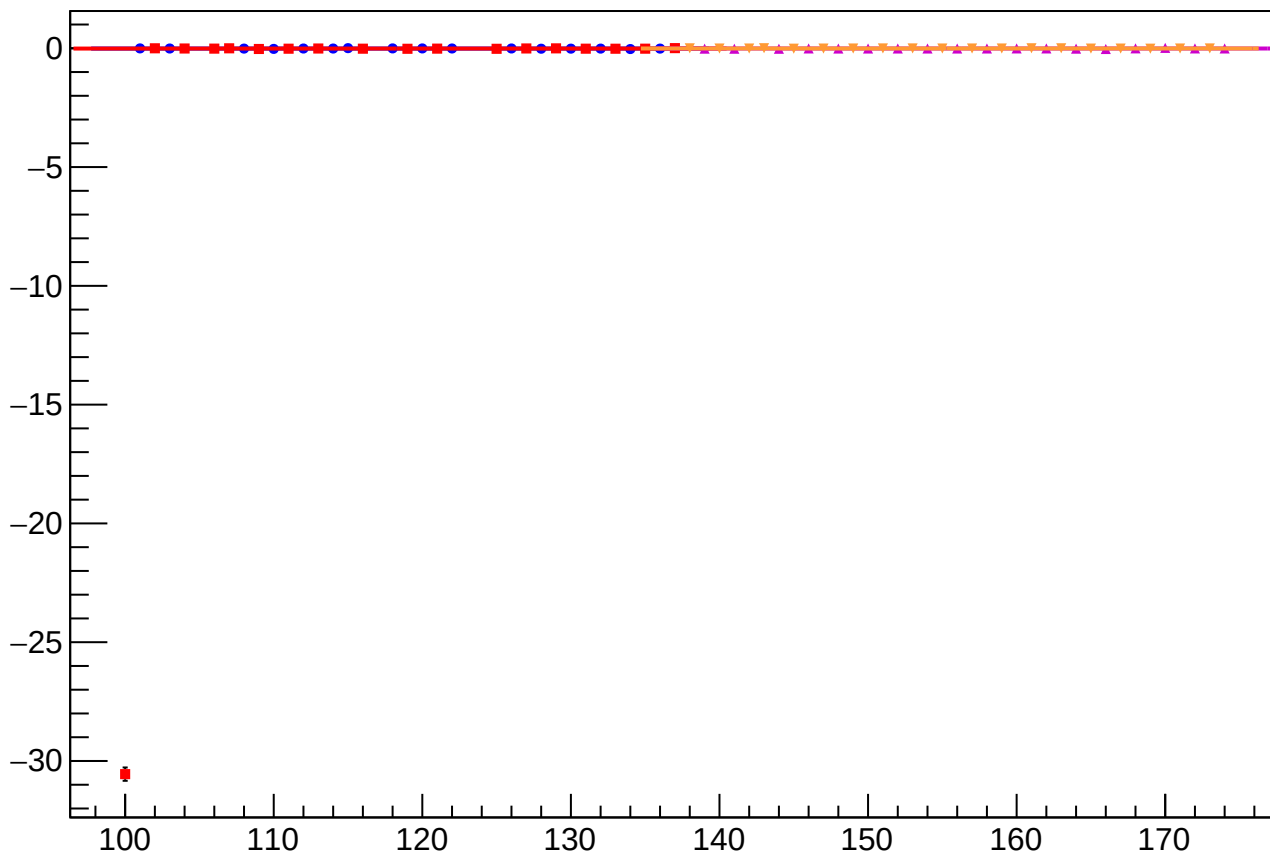
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.046 ± 0.019 χ^2/NDF : 39.2/33

Out: 0.080 ± 0.019 χ^2/NDF : 46.5/36

All: 0.063 ± 0.013 χ^2/NDF : 87.4/70

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 18.8/18

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.010 ± 0.001 χ^2/NDF : 31.4/17

Left: -0.009 ± 0.001 χ^2/NDF : 51.7/36

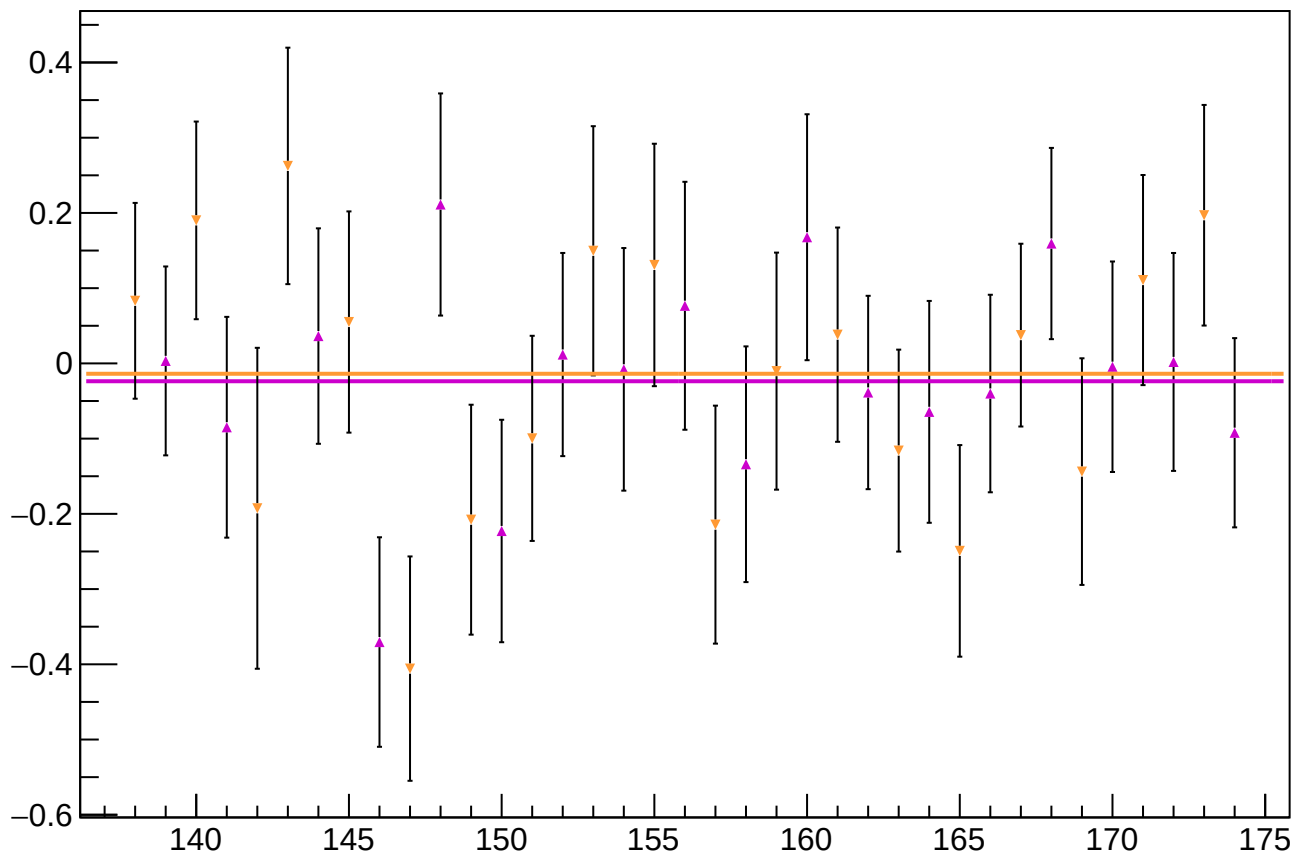
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.010 ± 0.001 χ^2/NDF : 45.2/33

Out: -0.009 ± 0.001 χ^2/NDF : 11913.1/36

All: -0.010 ± 0.001 χ^2/NDF : 11959.3/70

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.014 $\pm$ 0.034 χ^2 /NDF:26.6/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17

Left: -0.019 $\pm$ 0.024 χ^2 /NDF: 42.4/36

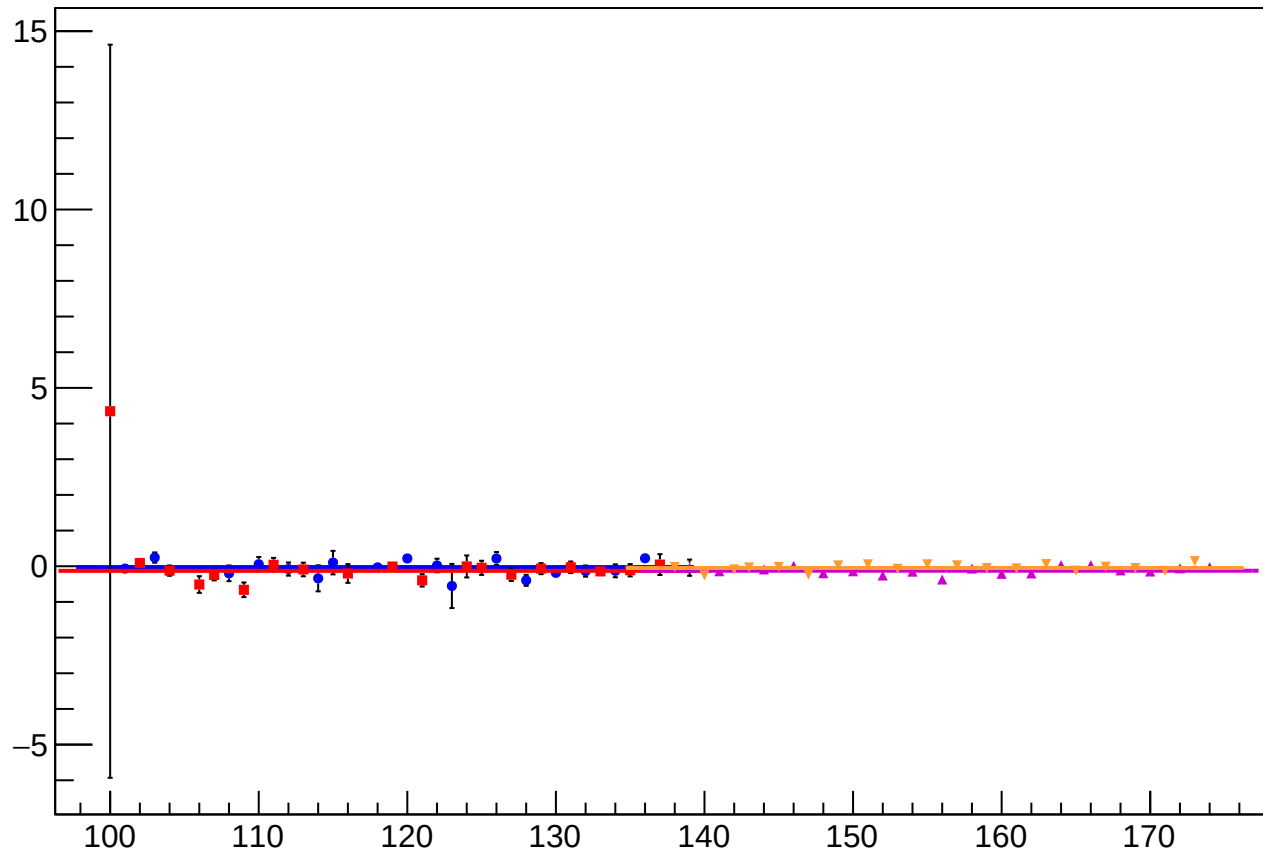
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.024 $\pm$ 0.033 χ^2 /NDF:15.8/17

Out: -0.014 $\pm$ 0.034 χ^2 /NDF:26.6/18

All: -0.019 $\pm$ 0.024 χ^2 /NDF: 42.4/36

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.049 ± 0.024 $\chi^2/\text{NDF}: 19.2/18$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.125 ± 0.025 $\chi^2/\text{NDF}: 16.6/17$

Left: -0.086 ± 0.017 $\chi^2/\text{NDF}: 40.6/36$

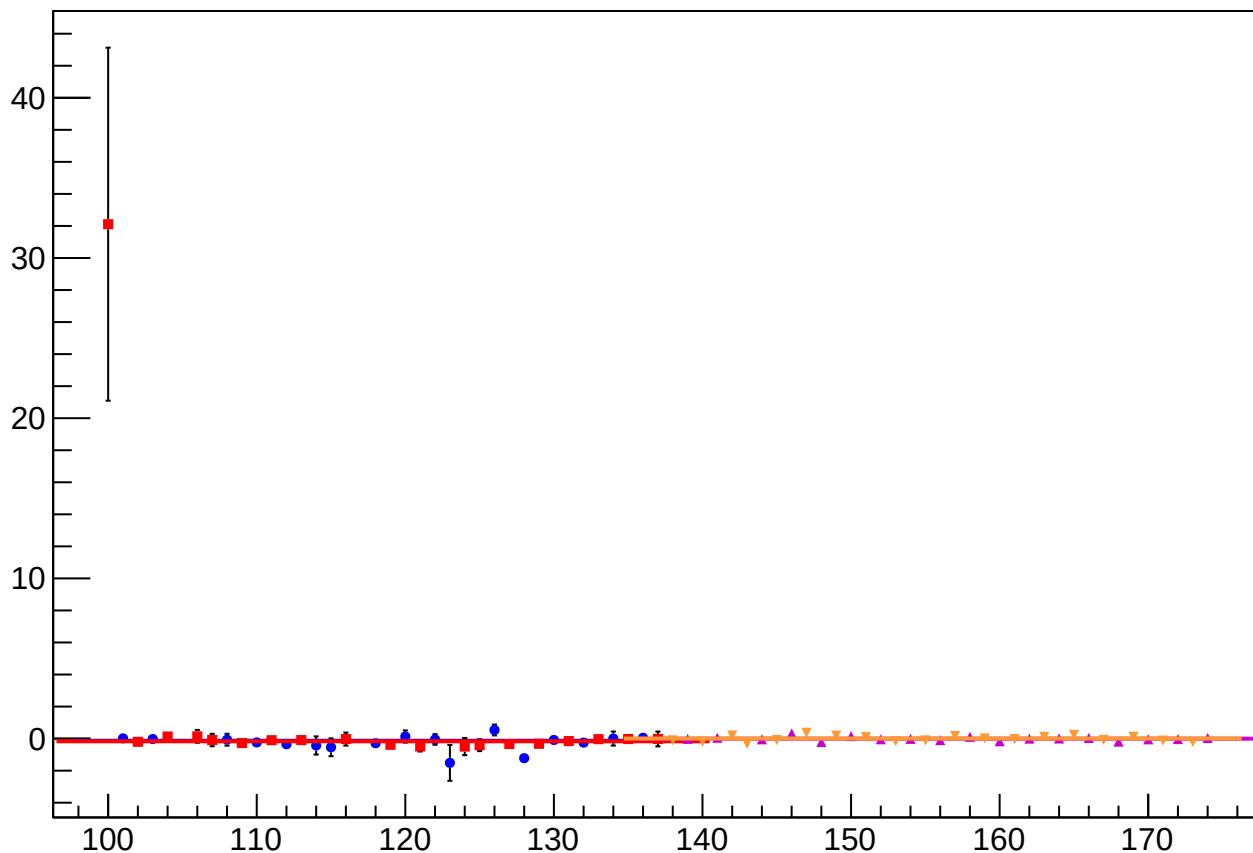
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.093 ± 0.020 $\chi^2/\text{NDF}: 44.3/34$

Out: -0.071 ± 0.021 $\chi^2/\text{NDF}: 41.0/37$

All: -0.082 ± 0.014 $\chi^2/\text{NDF}: 85.9/72$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.005 ± 0.033 χ^2/NDF : 26.3/18

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.004 ± 0.033 χ^2/NDF : 14.3/17

Left: 0.001 ± 0.023 χ^2/NDF : 40.6/36

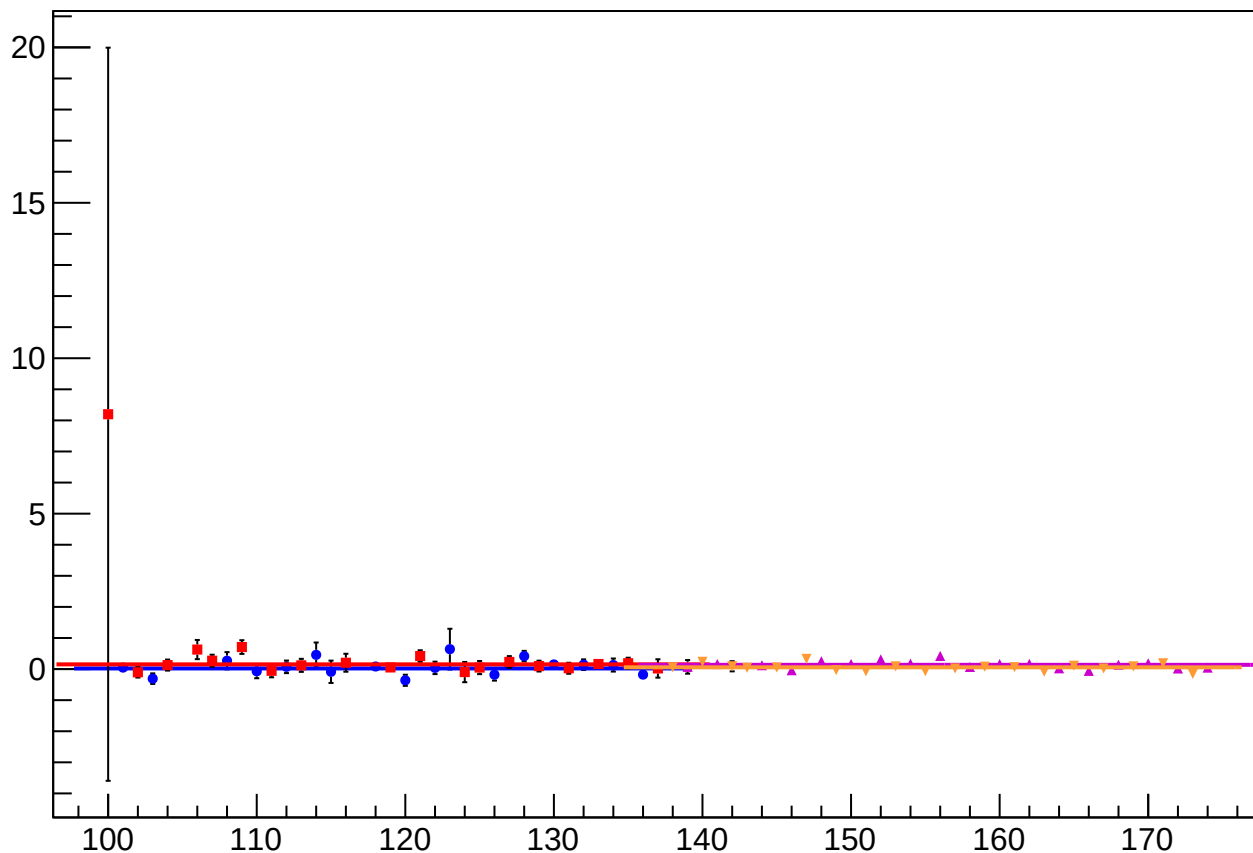
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.029 ± 0.030 χ^2/NDF : 43.1/34

Out: -0.025 ± 0.030 χ^2/NDF : 45.8/37

All: -0.027 ± 0.021 χ^2/NDF : 88.8/72

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.056+/-0.028 χ^2/NDF :19.2/18

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.137+/-0.028 χ^2/NDF :16.6/17

Left: 0.096+/-0.020 χ^2/NDF : 39.9/36

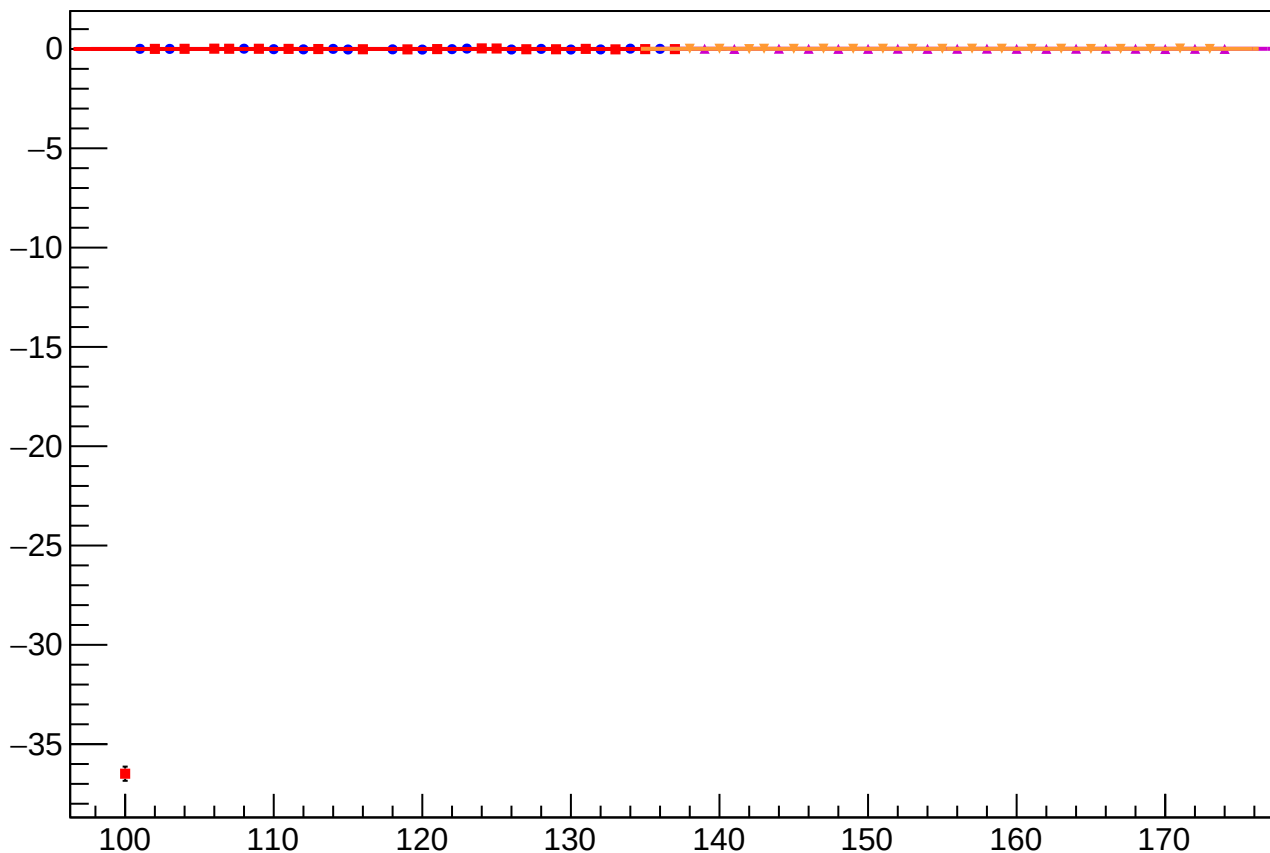
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.100+/-0.024 χ^2/NDF :43.7/34

Out: 0.082+/-0.024 χ^2/NDF :39.7/37

All: 0.091+/-0.017 χ^2/NDF : 83.7/72

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.010 $\pm$ 0.001 χ^2 /NDF: 18.8/18

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF: 11.4/17

Left: 0.010 $\pm$ 0.001 χ^2 /NDF: 30.3/36

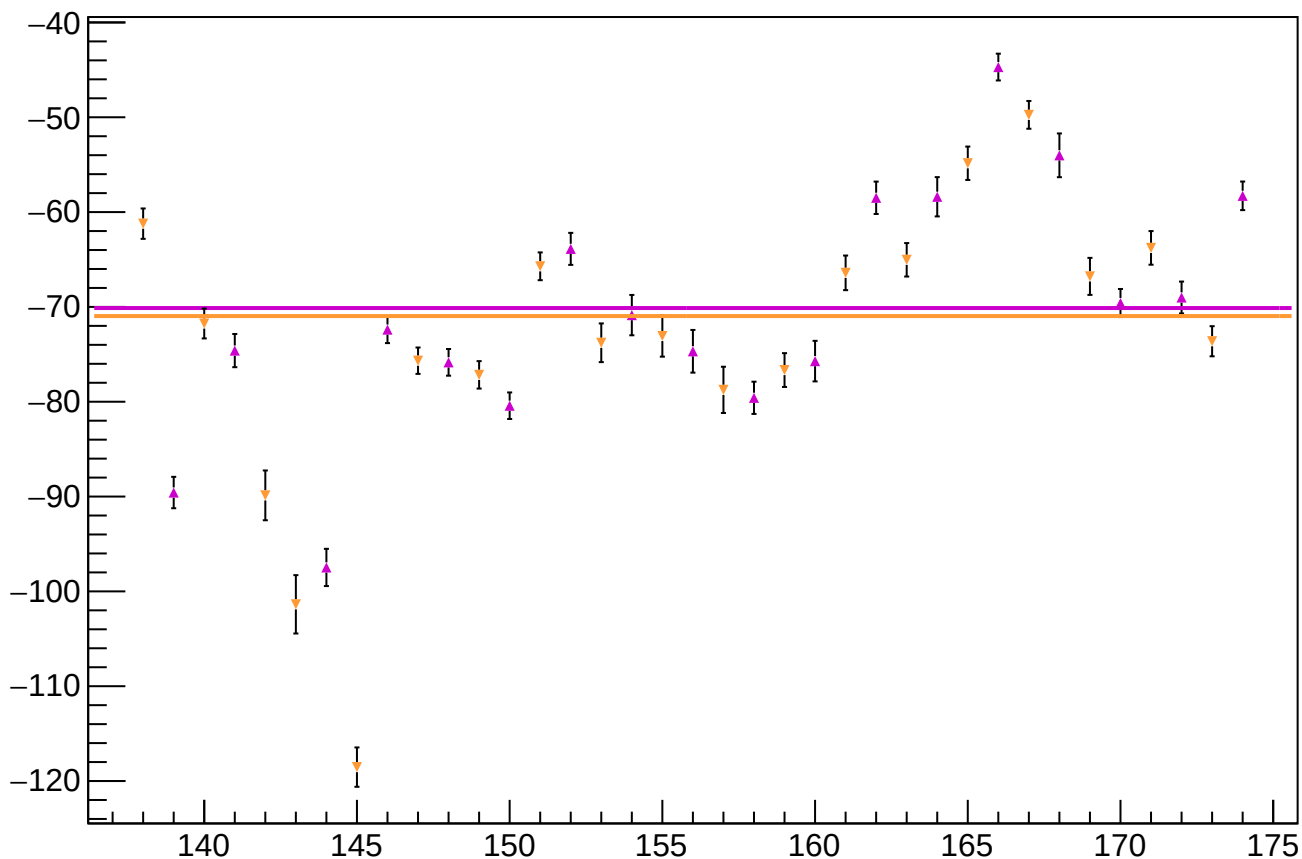
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF: 56.0/34

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10479.4/37

All: 0.008 $\pm$ 0.001 χ^2 /NDF: 10535.4/72

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -70.966+/-0.406 χ^2/NDF :1112.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -70.119+/-0.398 χ^2/NDF :981.1/17

Left: -70.534+/-0.284 χ^2/NDF : 2096.0/36

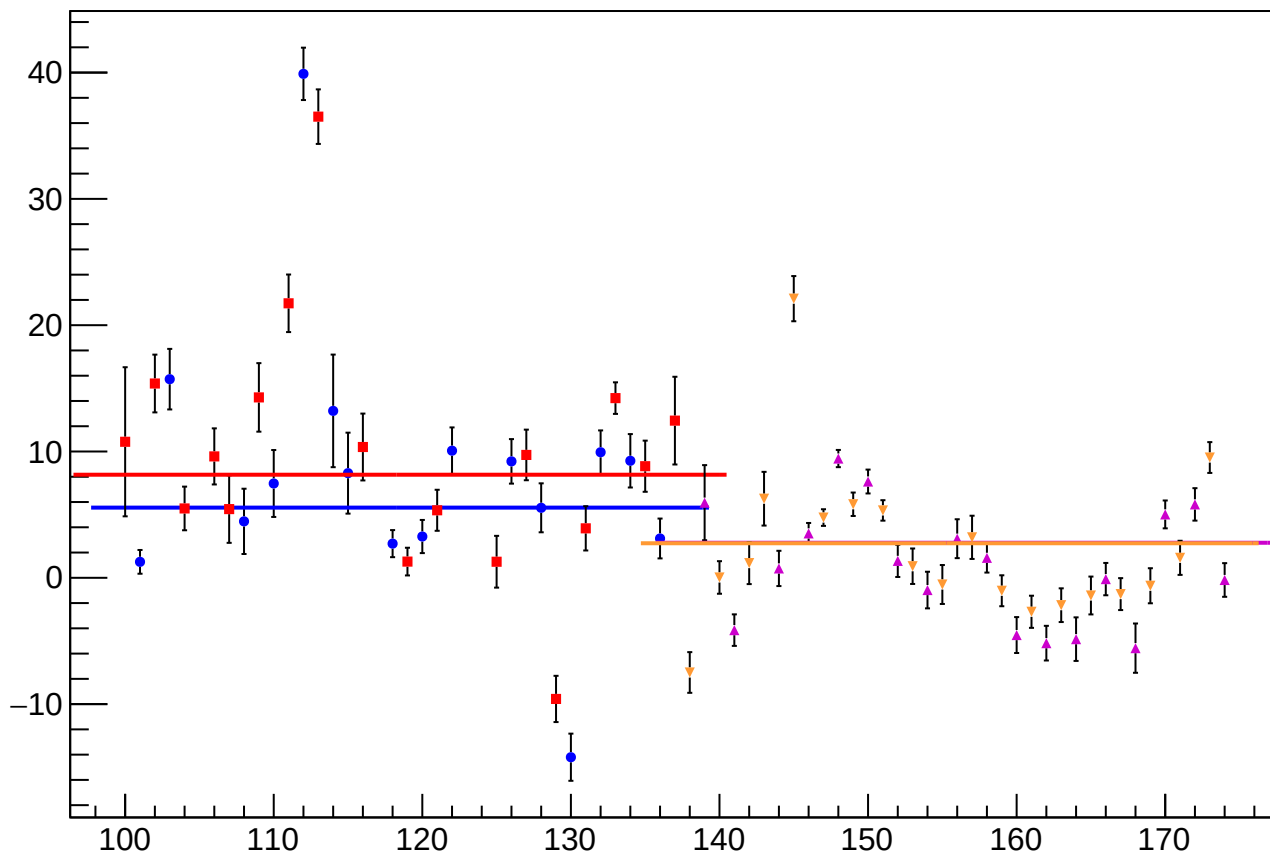
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -70.119+/-0.398 χ^2/NDF :981.1/17

Out: -70.966+/-0.406 χ^2/NDF :1112.7/18

All: -70.534+/-0.284 χ^2/NDF : 2096.0/36

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 2.735 ± 0.280 $\chi^2/\text{NDF}: 299.2/18$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 2.775 ± 0.283 $\chi^2/\text{NDF}: 283.2/17$

Left: 2.755 ± 0.199 $\chi^2/\text{NDF}: 582.4/36$

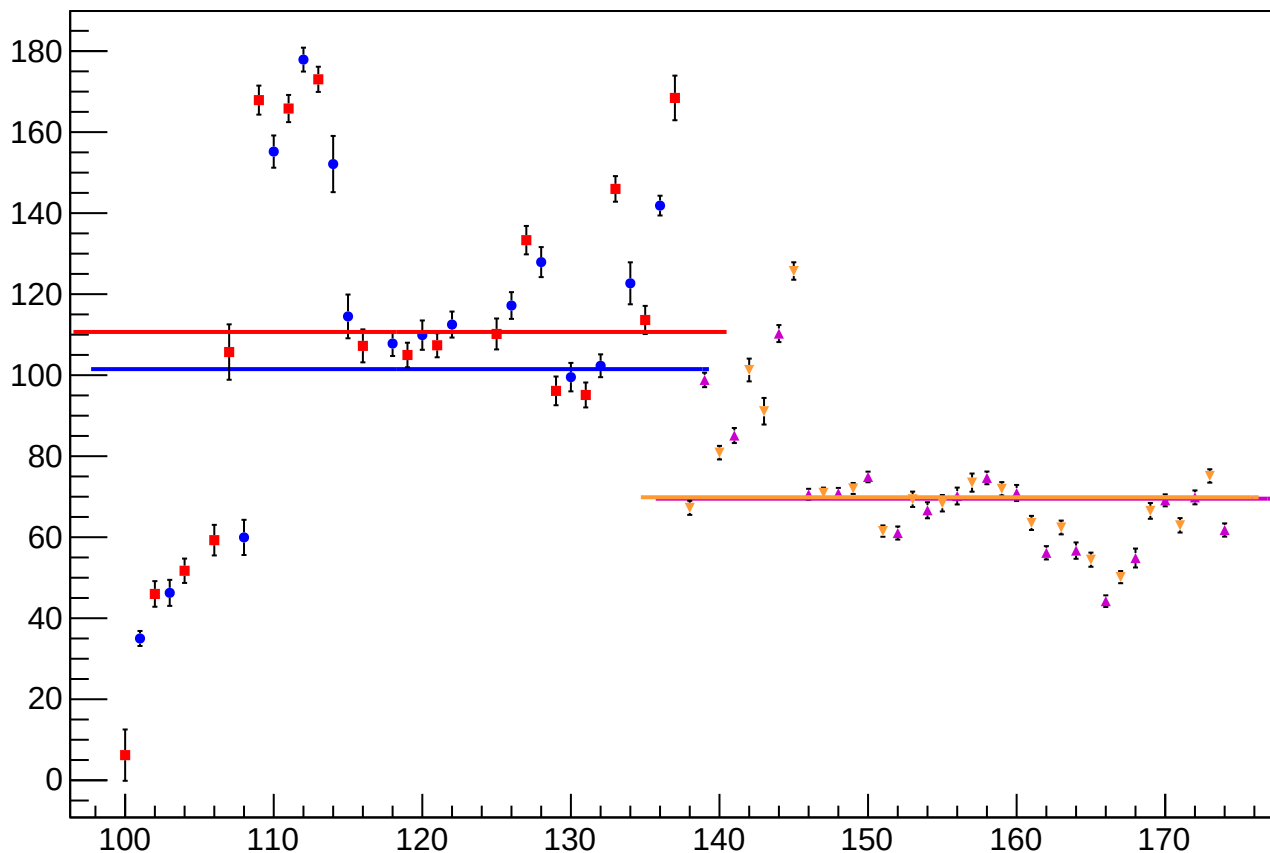
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 3.633 ± 0.235 $\chi^2/\text{NDF}: 775.0/33$

Out: 4.232 ± 0.238 $\chi^2/\text{NDF}: 810.1/36$

All: 3.929 ± 0.167 $\chi^2/\text{NDF}: 1588.3/70$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 69.862 $\pm$ 0.400 χ^2 /NDF:1239.0/18

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 69.513 $\pm$ 0.392 χ^2 /NDF:1251.3/17

Left: 69.684 $\pm$ 0.280 χ^2 /NDF: 2490.7/36

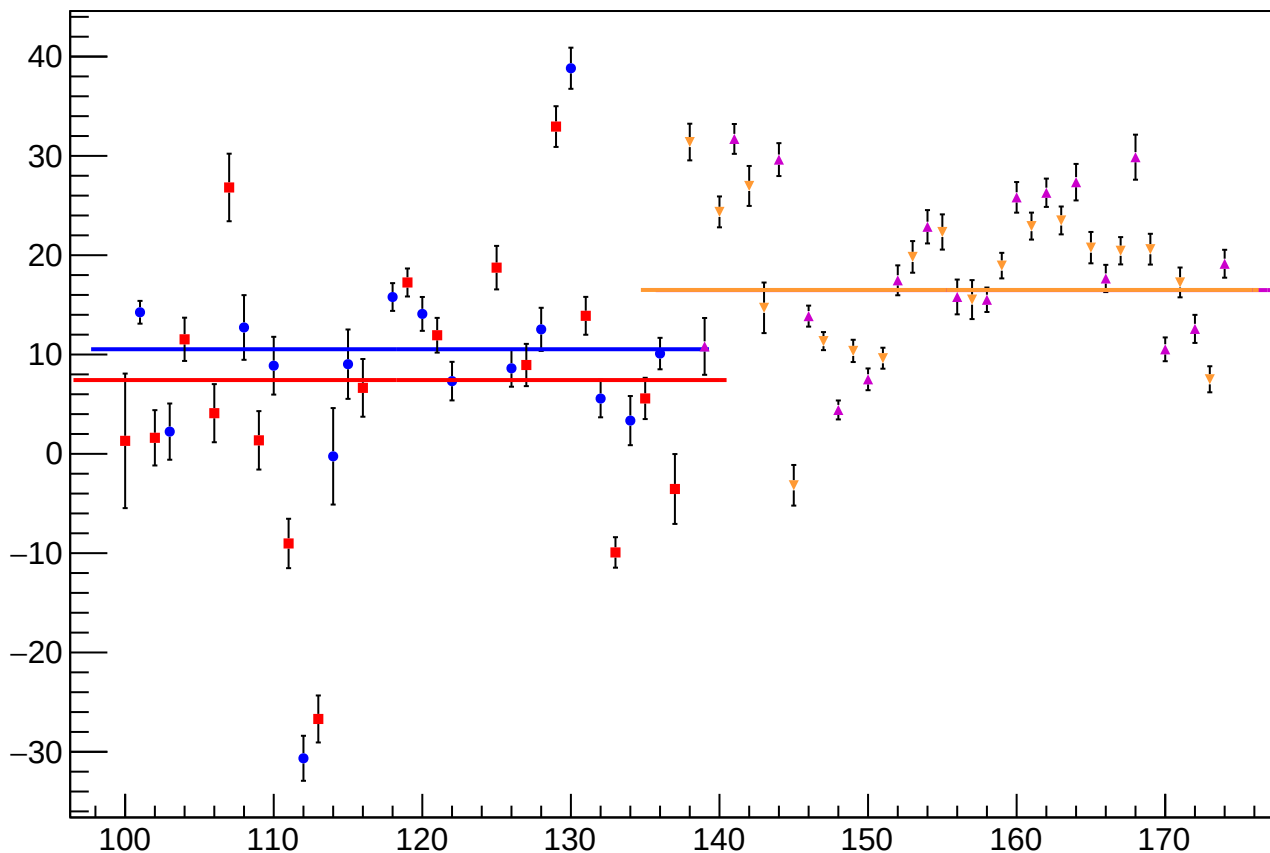
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 75.606 $\pm$ 0.353 χ^2 /NDF:5491.8/33

Out: 77.468 $\pm$ 0.361 χ^2 /NDF:5692.2/36

All: 76.516 $\pm$ 0.252 χ^2 /NDF: 11197.6/70

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: 16.501 $\pm$ 0.329 χ^2/NDF :451.2/18

Right Out: 7.429 $\pm$ 0.524 χ^2/NDF : 685.8/17

Left In: 16.487 $\pm$ 0.330 χ^2/NDF :609.1/17

Left: 16.494 $\pm$ 0.233 χ^2/NDF : 1060.4/36

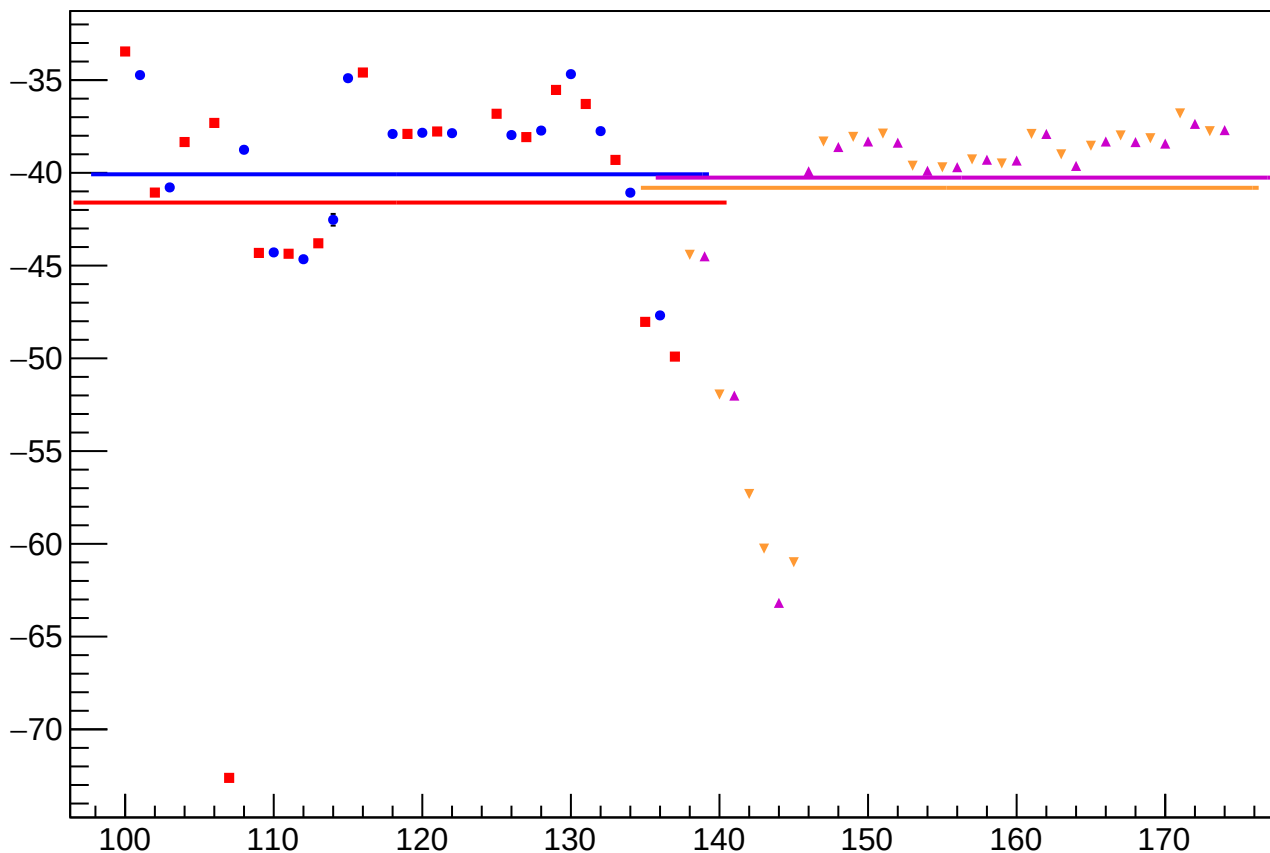
Right: 9.074 $\pm$ 0.359 χ^2/NDF : 1284.7/33

In: 14.643 $\pm$ 0.274 χ^2/NDF :1290.2/33

Out: 13.935 $\pm$ 0.278 χ^2/NDF :1352.4/36

All: 14.294 $\pm$ 0.195 χ^2/NDF : 2645.9/70

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -40.807 ± 0.016 χ^2/NDF : 146324.8/18

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -40.257 ± 0.015 χ^2/NDF : 102350.8/17

Left: -40.525 ± 0.011 χ^2/NDF : 249297.6/36

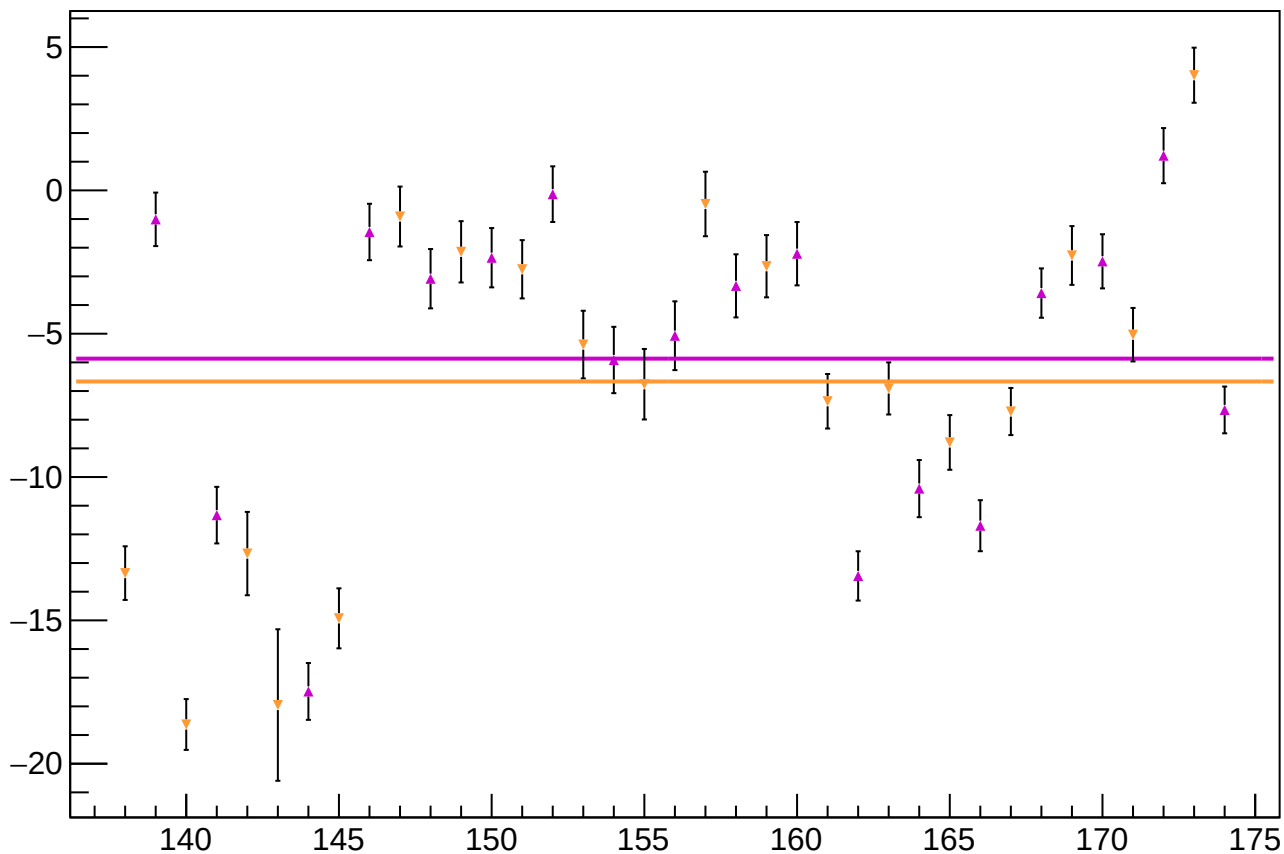
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -40.217 ± 0.013 χ^2/NDF : 127528.8/33

Out: -40.993 ± 0.014 χ^2/NDF : 208775.4/36

All: -40.596 ± 0.010 χ^2/NDF : 337919.8/70

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



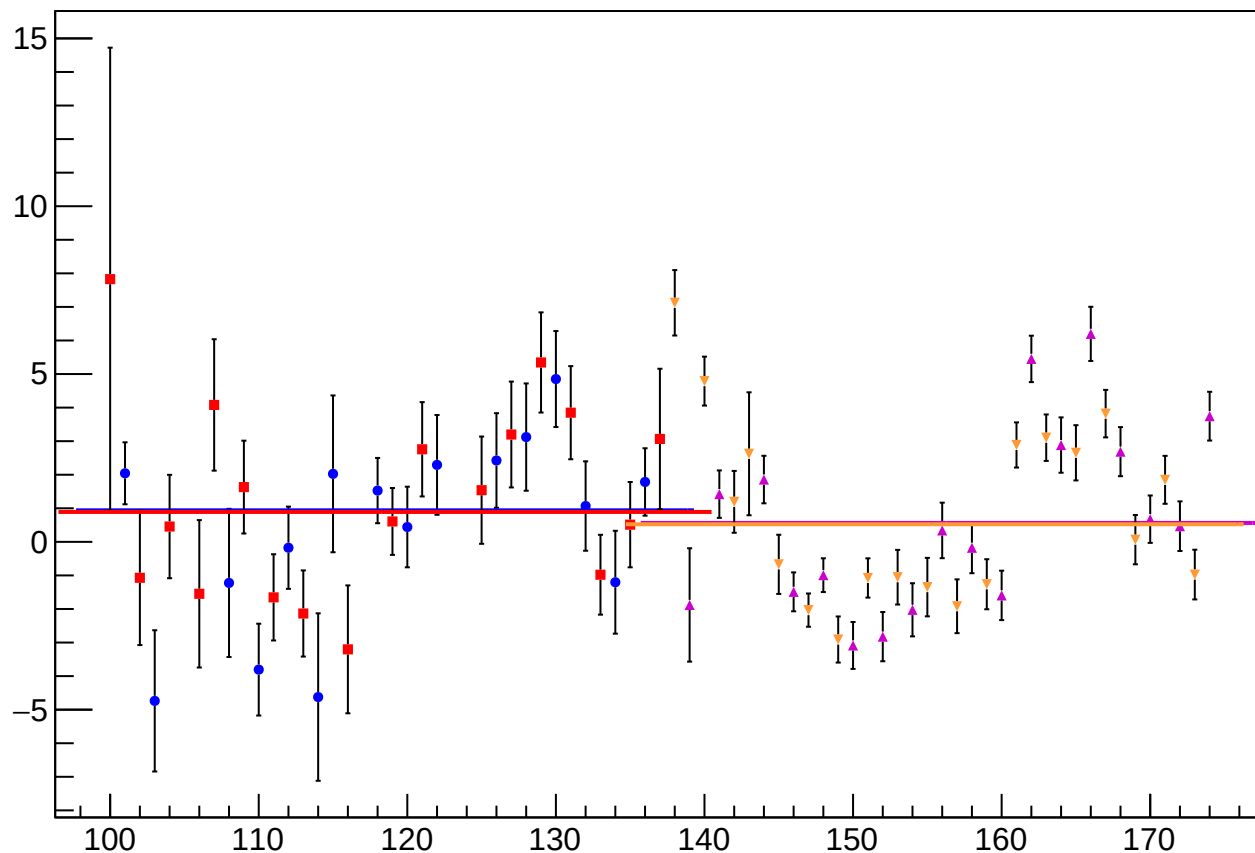
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.666 $\pm$ 0.237 χ^2 /NDF:591.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -5.870 $\pm$ 0.230 χ^2 /NDF:505.8/17

Left: -6.256 $\pm$ 0.165 χ^2 /NDF: 1102.9/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.870 $\pm$ 0.230 χ^2 /NDF:505.8/17
 Out: -6.666 $\pm$ 0.237 χ^2 /NDF:591.3/18

All: -6.256 $\pm$ 0.165 χ^2 /NDF: 1102.9/36

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: 0.524 ± 0.170 $\chi^2/\text{NDF}: 228.9/18$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 0.564 ± 0.170 $\chi^2/\text{NDF}: 232.1/17$

Left: 0.544 ± 0.120 $\chi^2/\text{NDF}: 461.0/36$

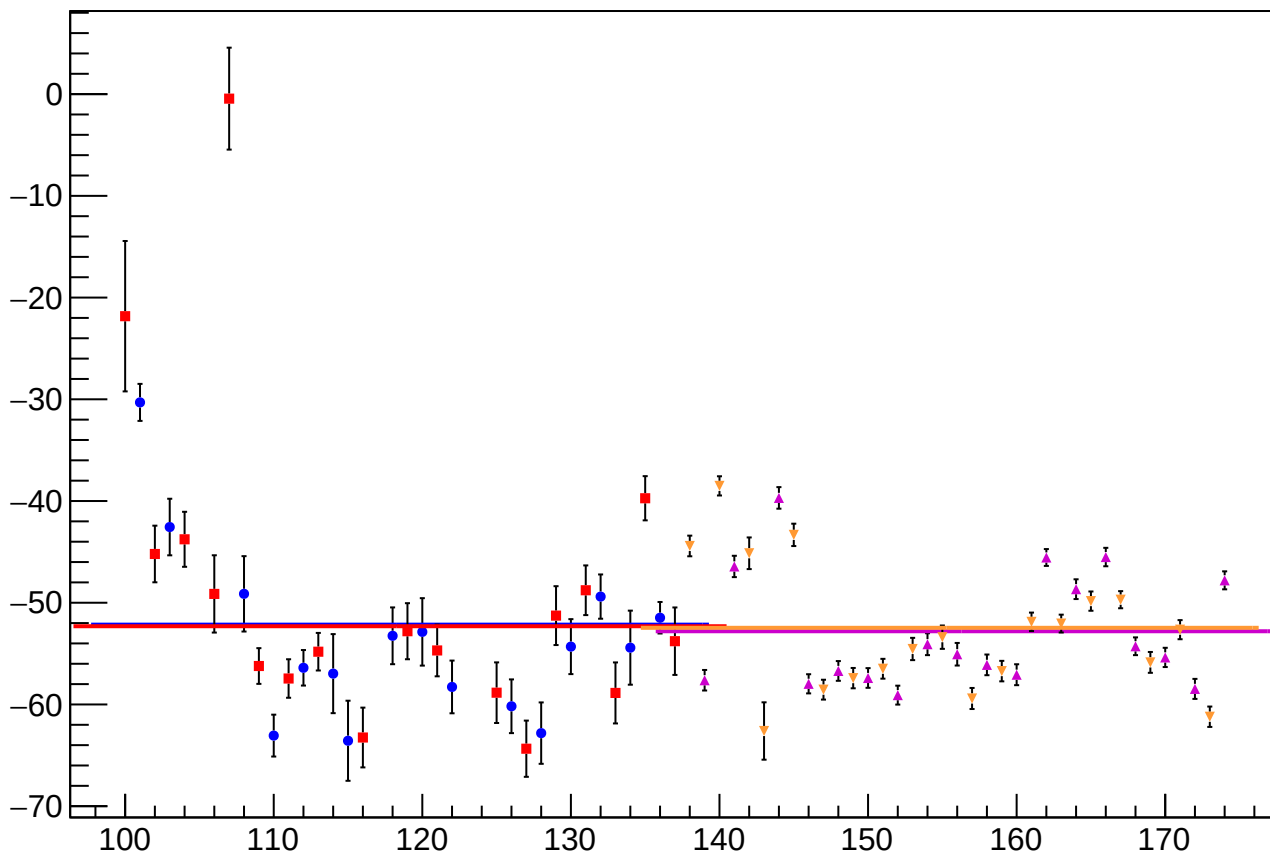
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 0.640 ± 0.152 $\chi^2/\text{NDF}: 275.3/33$

Out: 0.593 ± 0.154 $\chi^2/\text{NDF}: 271.3/36$

All: 0.617 ± 0.108 $\chi^2/\text{NDF}: 546.7/70$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.465 ± 0.234 χ^2/NDF : 639.3/18

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -52.803 ± 0.228 χ^2/NDF : 595.5/17

Left: -52.639 ± 0.163 χ^2/NDF : 1235.9/36

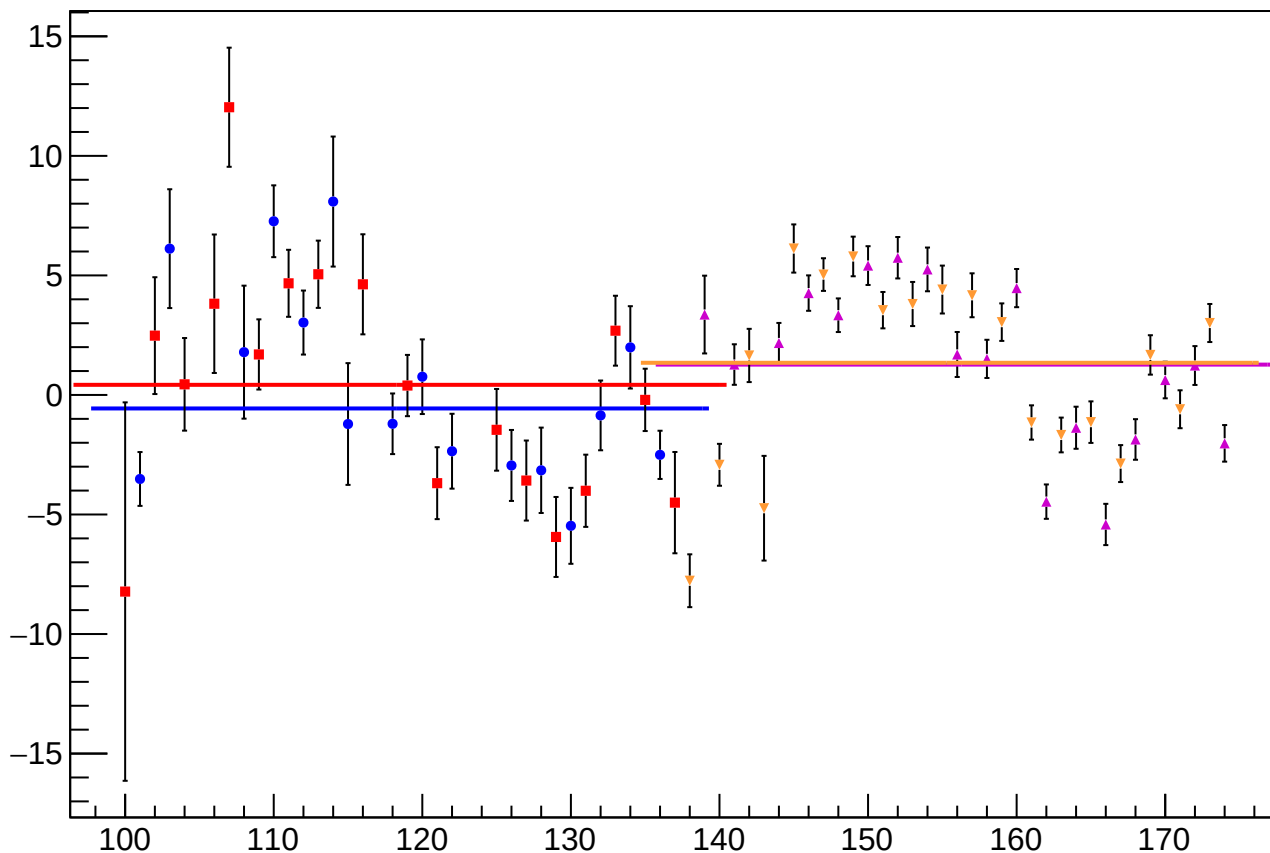
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -52.724 ± 0.214 χ^2/NDF : 827.5/33

Out: -52.445 ± 0.219 χ^2/NDF : 874.2/36

All: -52.588 ± 0.153 χ^2/NDF : 1702.6/70

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 1.346 ± 0.196 χ^2/NDF : 296.8/18

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: 1.269 ± 0.195 χ^2/NDF : 281.2/17

Left: 1.307 ± 0.138 χ^2/NDF : 578.1/36

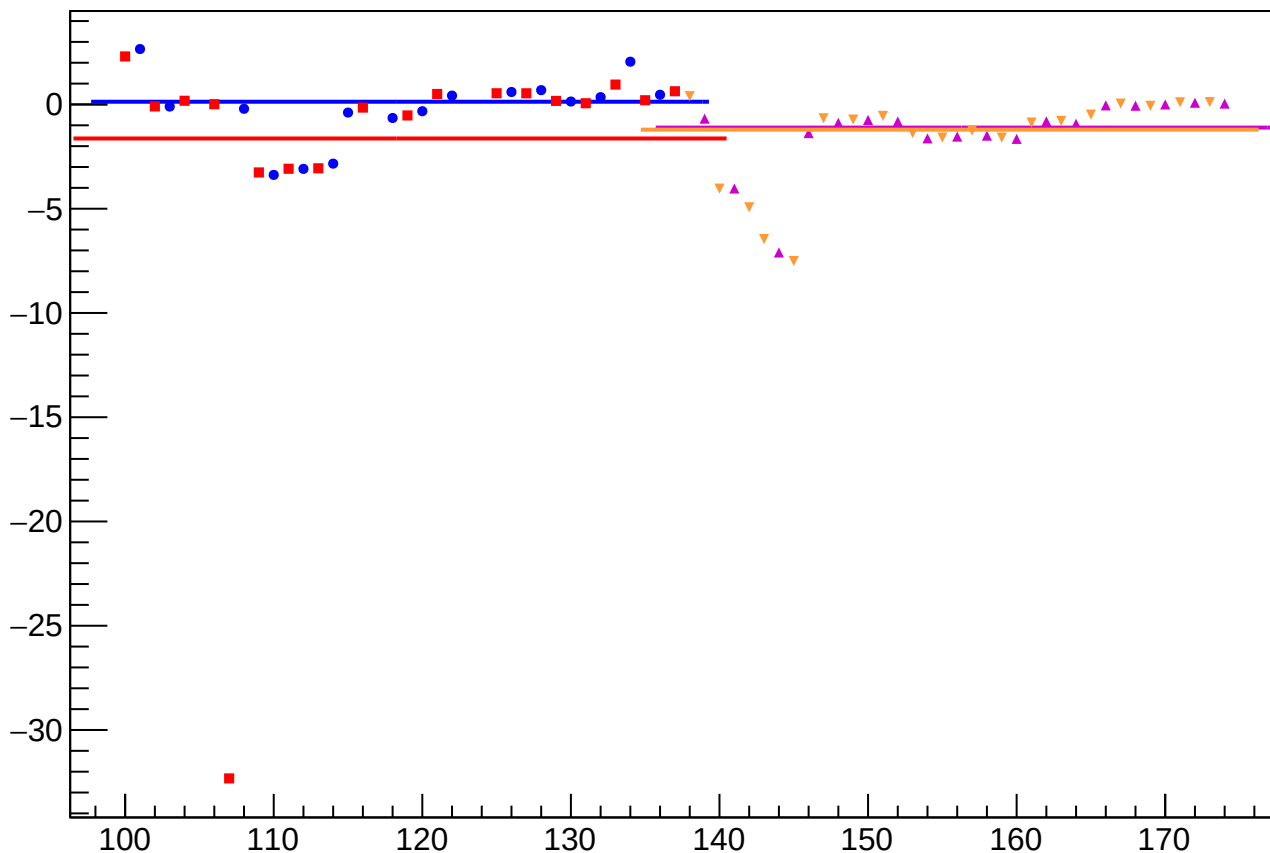
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: 0.893 ± 0.174 χ^2/NDF : 381.1/33

Out: 1.166 ± 0.176 χ^2/NDF : 396.4/36

All: 1.028 ± 0.124 χ^2/NDF : 778.7/70

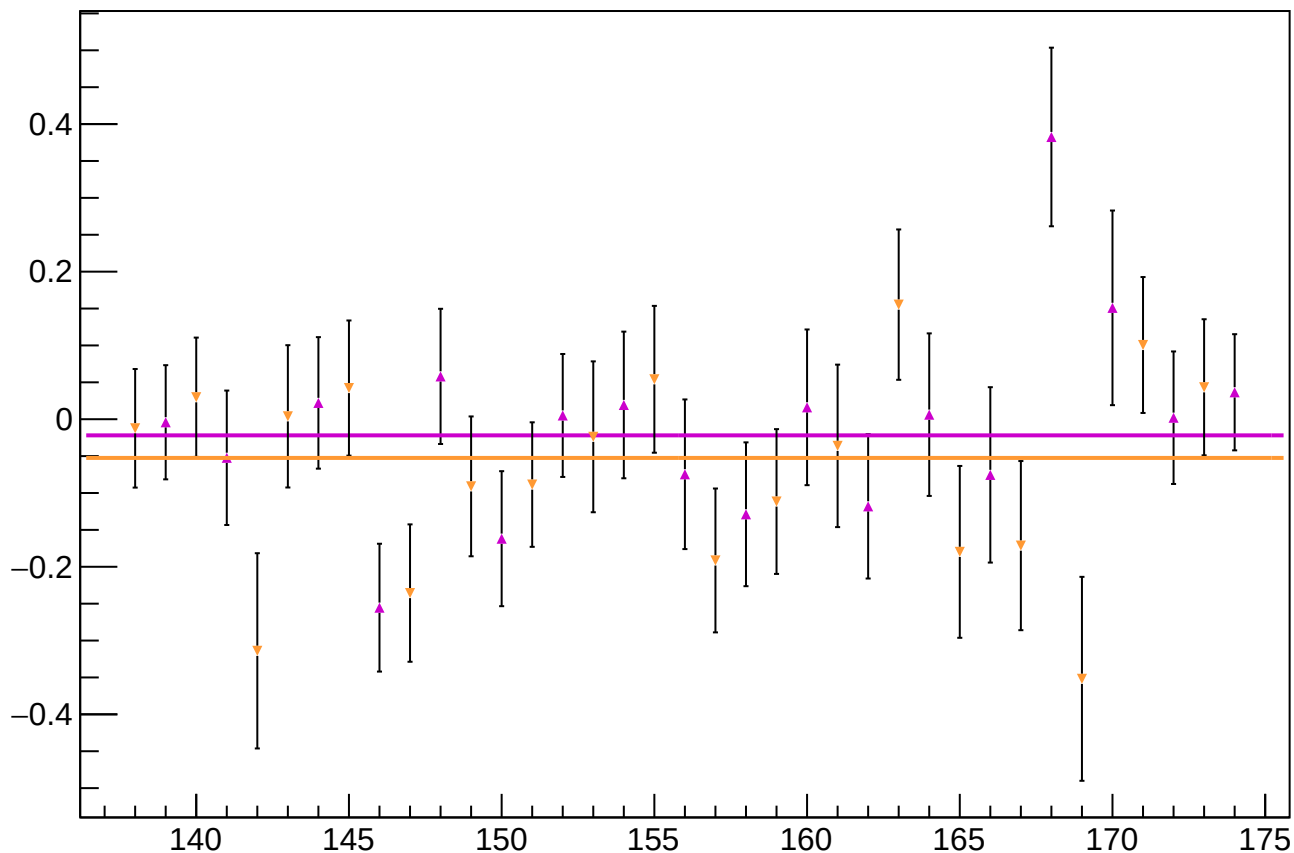
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -1.209 ± 0.009 $\chi^2/\text{NDF}: 39822.8/18$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -1.110 ± 0.009 $\chi^2/\text{NDF}: 27772.8/17$

Left: -1.158 ± 0.006 $\chi^2/\text{NDF}: 67656.7/36$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.931 ± 0.008 $\chi^2/\text{NDF}: 35851.2/33$
 Out: -1.272 ± 0.008 $\chi^2/\text{NDF}: 118017.3/36$
 All: -1.097 ± 0.006 $\chi^2/\text{NDF}: 154713.8/70$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.052 $\pm$ 0.022 χ^2 /NDF:29.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17

Left: -0.037 $\pm$ 0.016 χ^2 /NDF: 57.7/36

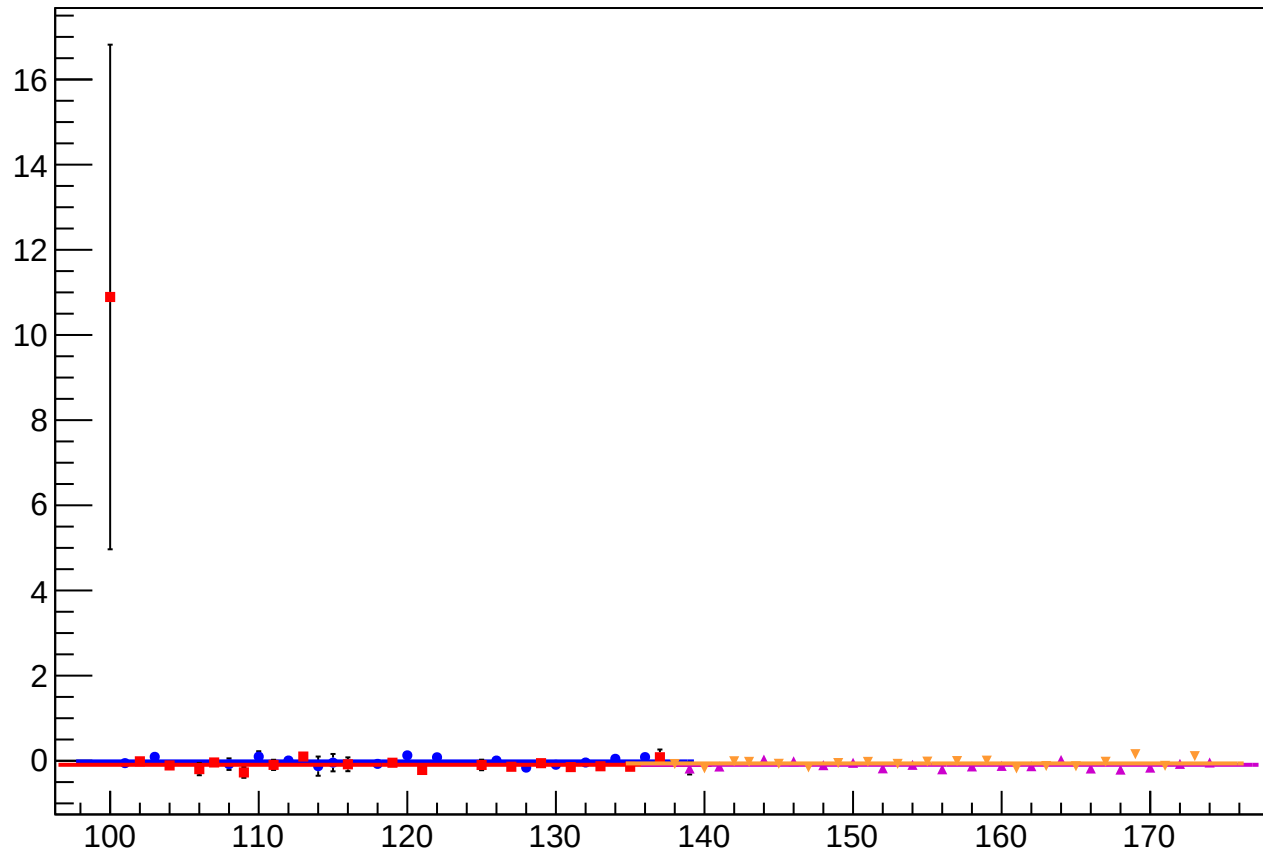
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.022 $\pm$ 0.022 χ^2 /NDF:27.4/17

Out: -0.052 $\pm$ 0.022 χ^2 /NDF:29.4/18

All: -0.037 $\pm$ 0.016 χ^2 /NDF: 57.7/36

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: -0.062 ± 0.016 χ^2/NDF : 25.3/18

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.094 ± 0.016 χ^2/NDF : 16.8/17

Left: -0.077 ± 0.011 χ^2/NDF : 44.1/36

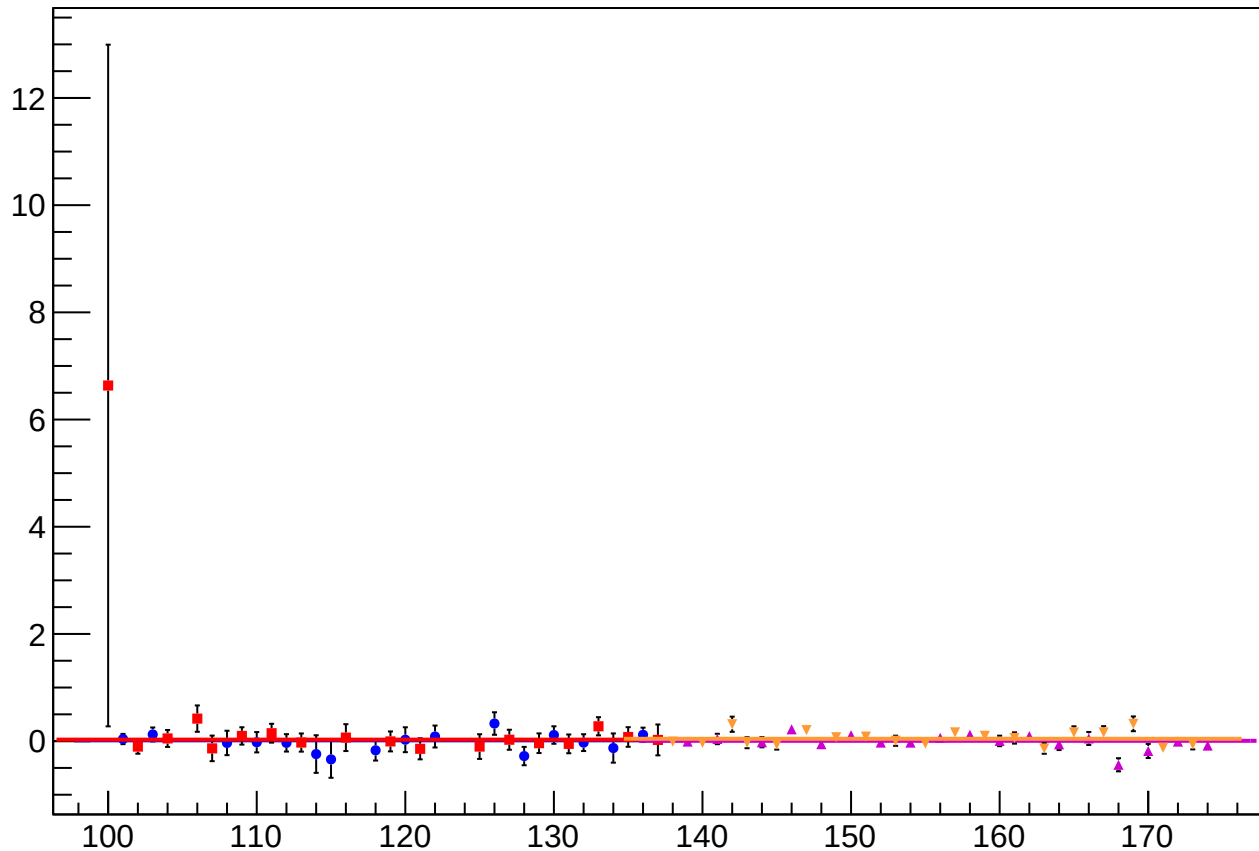
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.068 ± 0.013 χ^2/NDF : 37.1/33

Out: -0.071 ± 0.013 χ^2/NDF : 40.0/36

All: -0.069 ± 0.009 χ^2/NDF : 77.2/70

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.044+/-0.022 χ^2/NDF : 27.6/18

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: 0.006+/-0.022 χ^2/NDF : 29.0/17

Left: 0.025+/-0.016 χ^2/NDF : 58.1/36

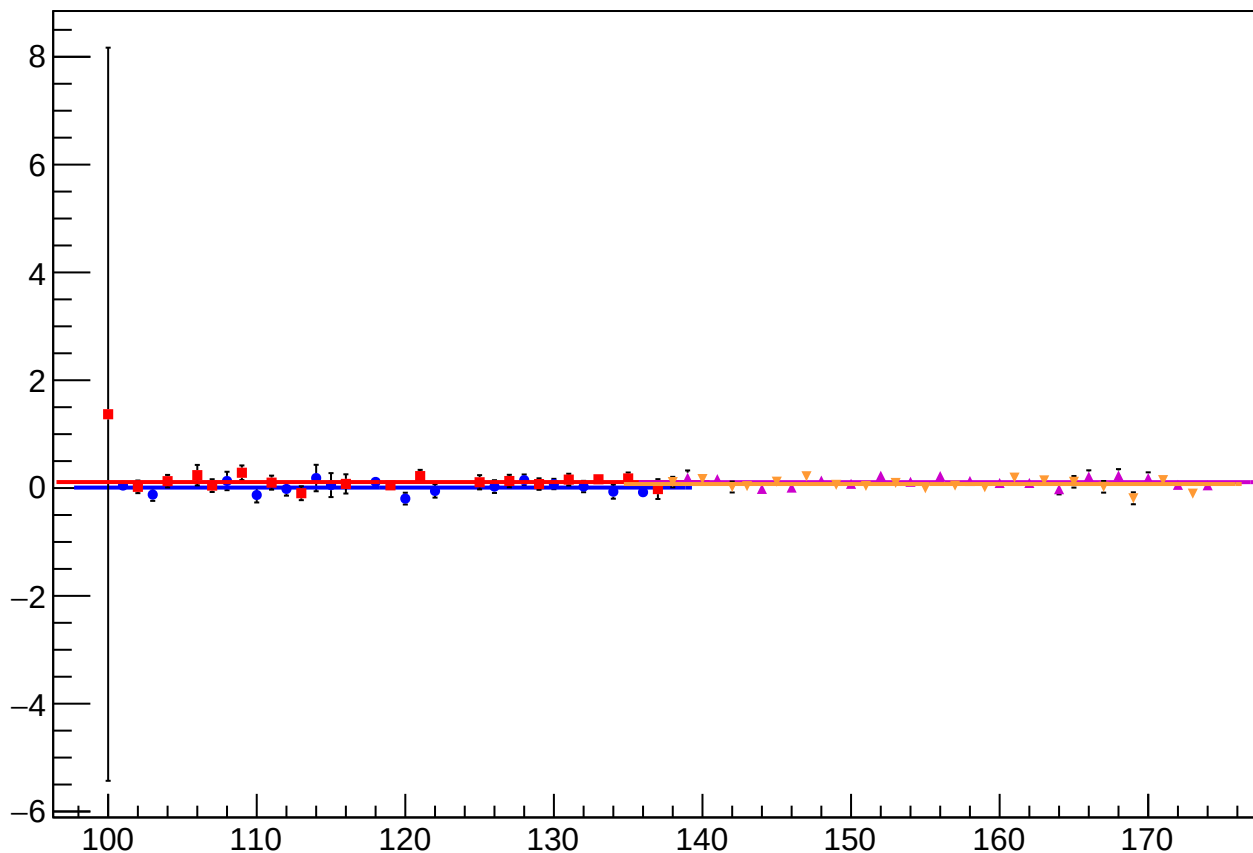
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: 0.008+/-0.020 χ^2/NDF : 39.2/33

Out: 0.041+/-0.020 χ^2/NDF : 37.2/36

All: 0.024+/-0.014 χ^2/NDF : 77.7/70

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2/NDF : 12.6/15

Left Out: 0.074+/-0.019 χ^2/NDF : 25.1/18

Right Out: 0.111+/-0.029 χ^2/NDF : 8.6/17

Left In: 0.109+/-0.019 χ^2/NDF : 16.3/17

Left: 0.092+/-0.013 χ^2/NDF : 43.1/36

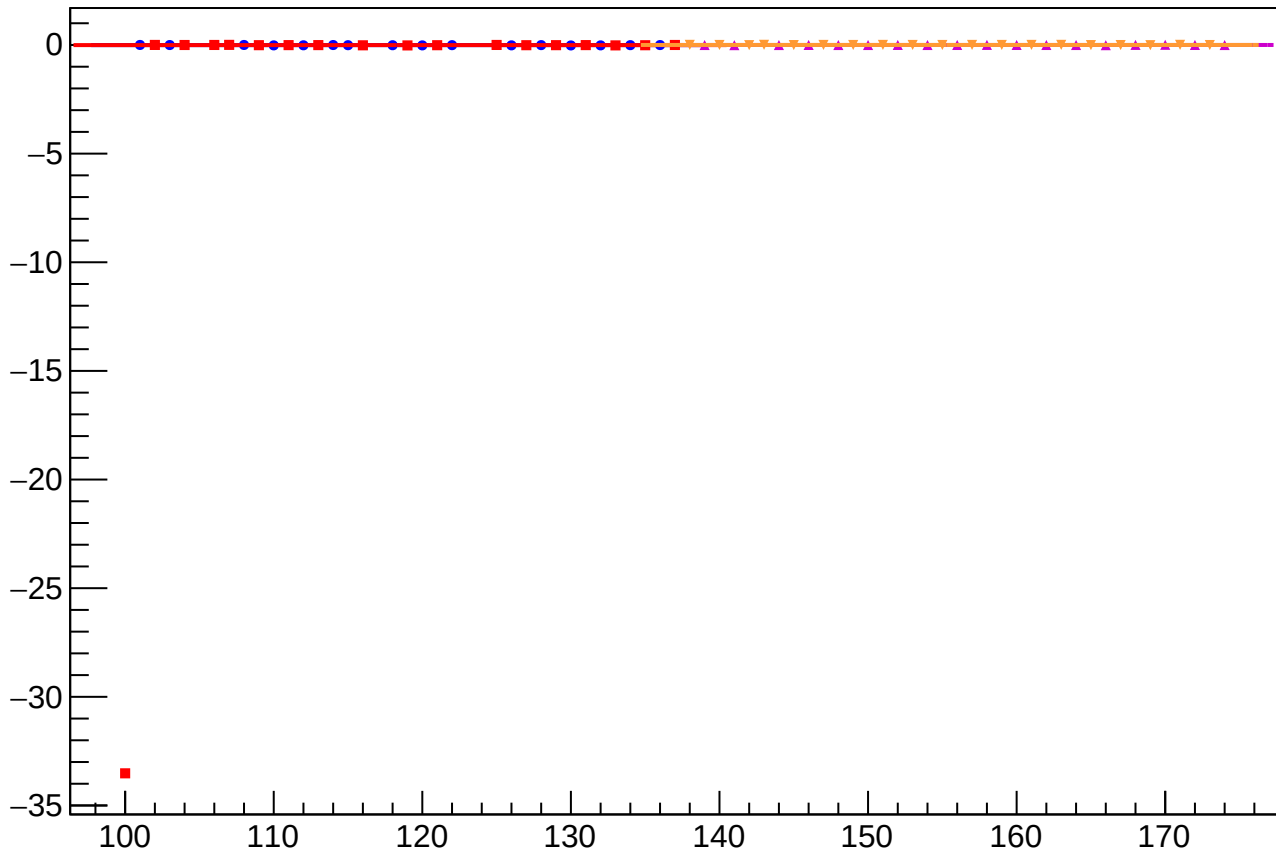
Right: 0.057+/-0.020 χ^2/NDF : 28.0/33

In: 0.076+/-0.015 χ^2/NDF : 38.3/33

Out: 0.085+/-0.016 χ^2/NDF : 34.9/36

All: 0.081+/-0.011 χ^2/NDF : 73.3/70

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:20.6/18

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:15.5/17

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 36.5/36

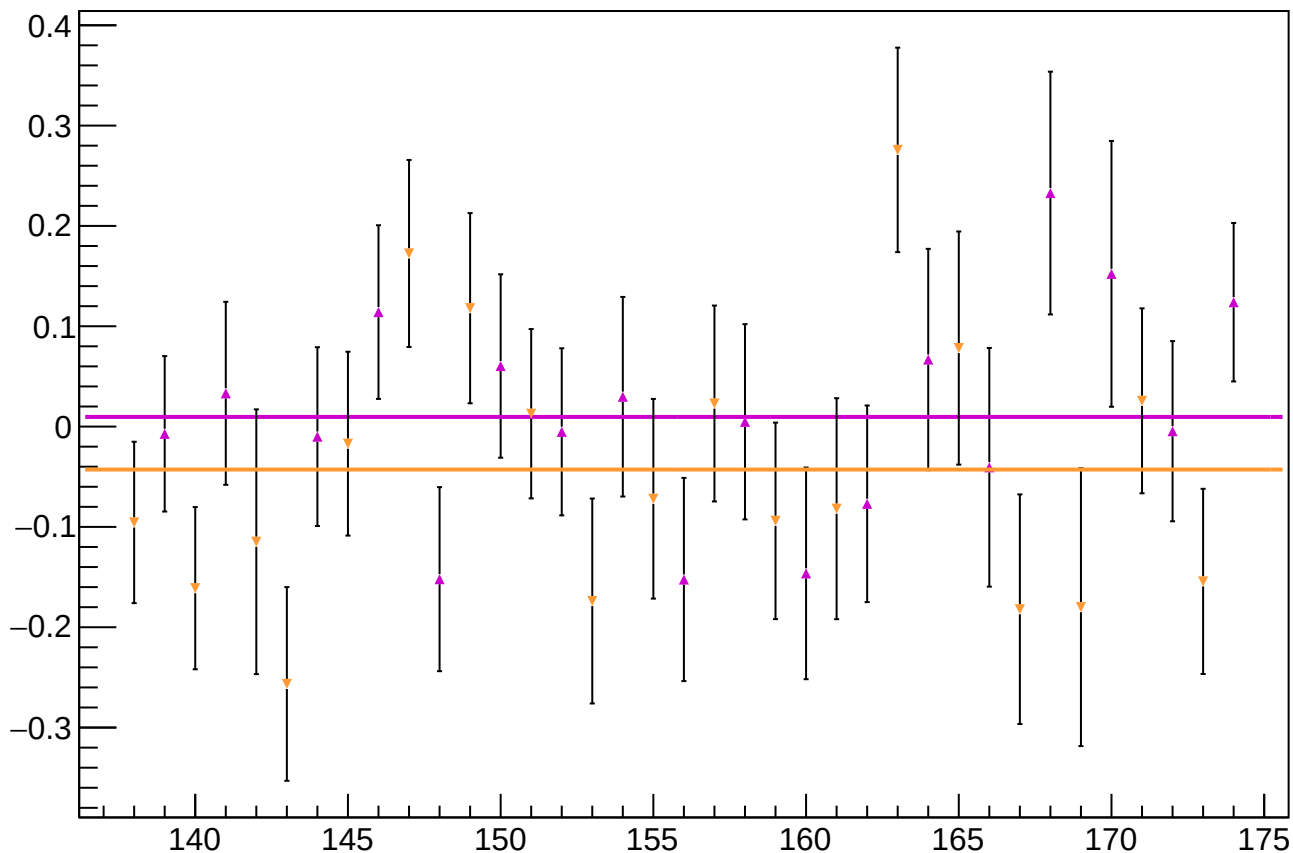
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:50.0/33

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26546.9/36

All: -0.001 $\pm$ 0.001 χ^2 /NDF: 26597.2/70

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.043 $\pm$ 0.022 χ^2 /NDF:34.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Left: -0.017 $\pm$ 0.016 χ^2 /NDF: 54.9/36

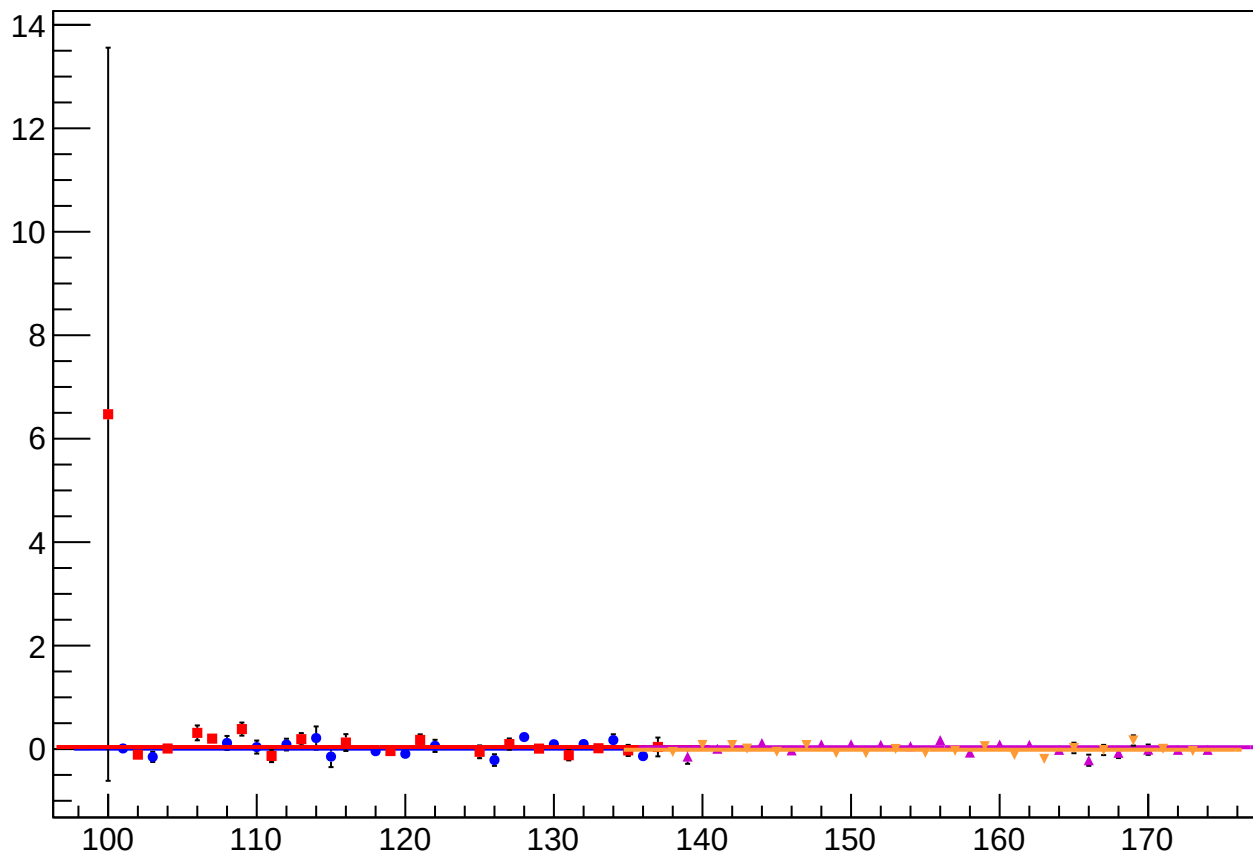
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.010 $\pm$ 0.022 χ^2 /NDF:17.8/17

Out: -0.043 $\pm$ 0.022 χ^2 /NDF:34.4/18

All: -0.017 $\pm$ 0.016 χ^2 /NDF: 54.9/36

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: -0.013 $\pm$ 0.016 χ^2 /NDF:23.2/18

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.035 $\pm$ 0.016 χ^2 /NDF:23.1/17

Left: 0.011 $\pm$ 0.011 χ^2 /NDF: 50.7/36

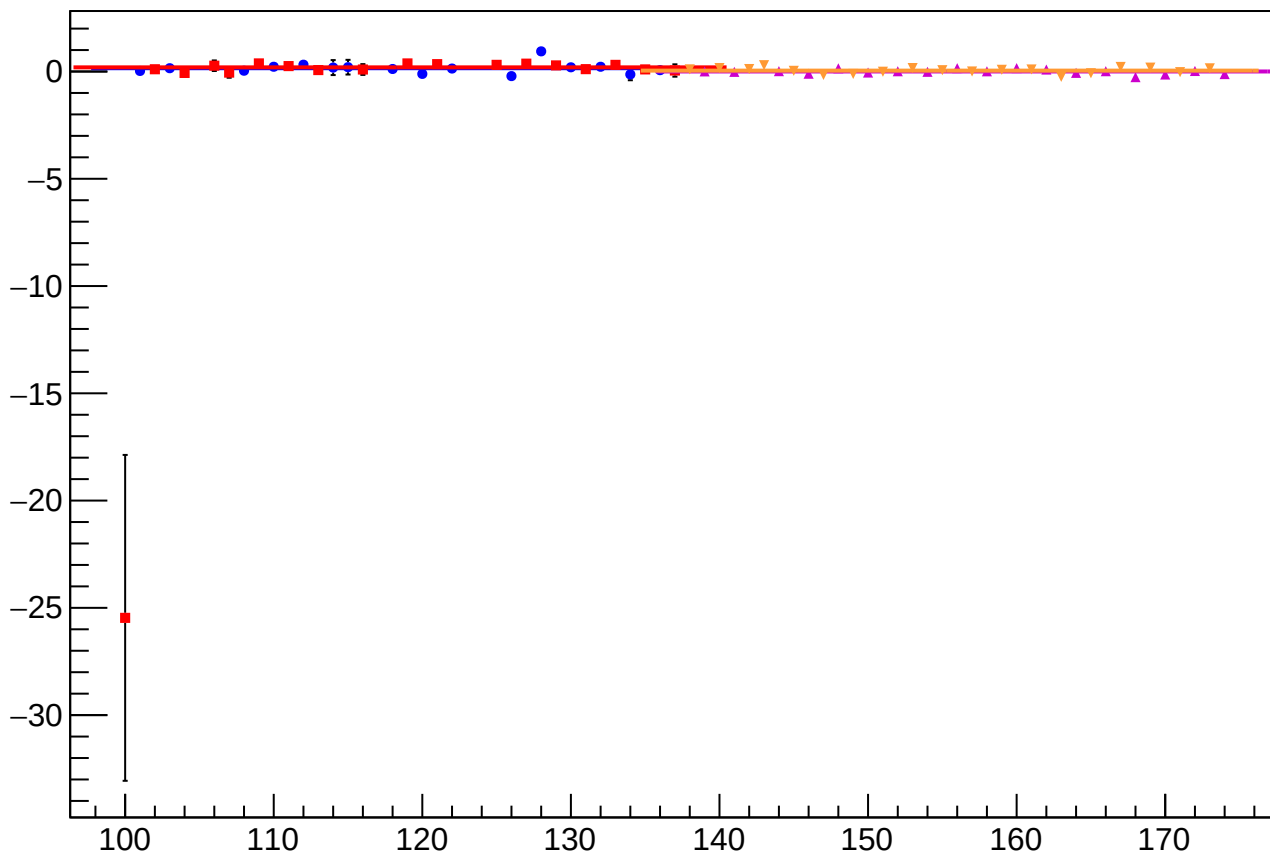
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.026 $\pm$ 0.013 χ^2 /NDF:47.6/33

Out: 0.002 $\pm$ 0.013 χ^2 /NDF:54.8/36

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 104.0/70

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.043 χ^2/NDF : 30.5/15

Left Out: 0.041+/-0.022 χ^2/NDF : 34.6/18

Right Out: 0.193+/-0.045 χ^2/NDF : 22.0/17

Left In: 0.001+/-0.022 χ^2/NDF : 19.4/17

Left: 0.021+/-0.016 χ^2/NDF : 55.6/36

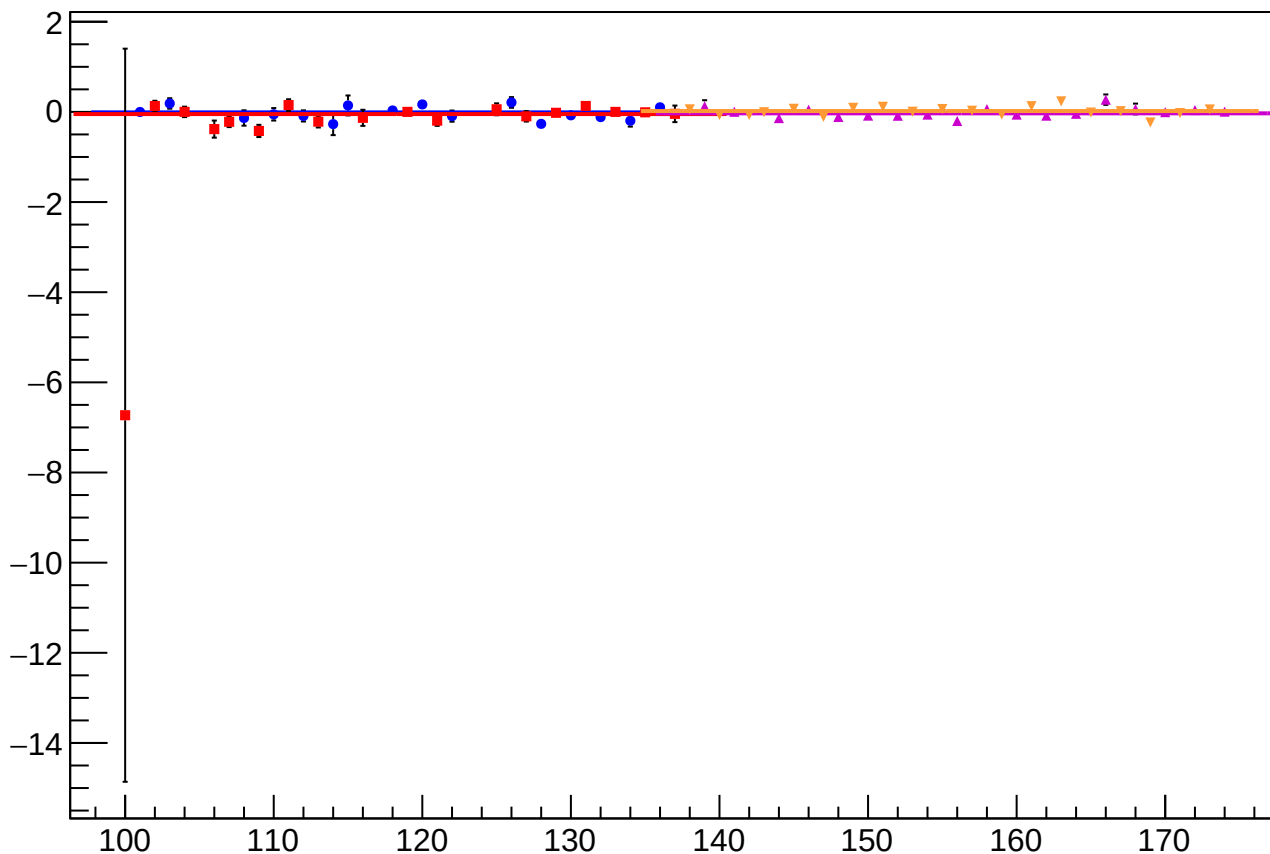
Right: 0.173+/-0.031 χ^2/NDF : 52.9/33

In: 0.034+/-0.020 χ^2/NDF : 59.9/33

Out: 0.071+/-0.020 χ^2/NDF : 65.8/36

All: 0.052+/-0.014 χ^2/NDF : 127.4/70

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.019 ± 0.019 χ^2/NDF : 26.3/18

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: -0.032 ± 0.019 χ^2/NDF : 23.5/17

Left: -0.006 ± 0.013 χ^2/NDF : 53.4/36

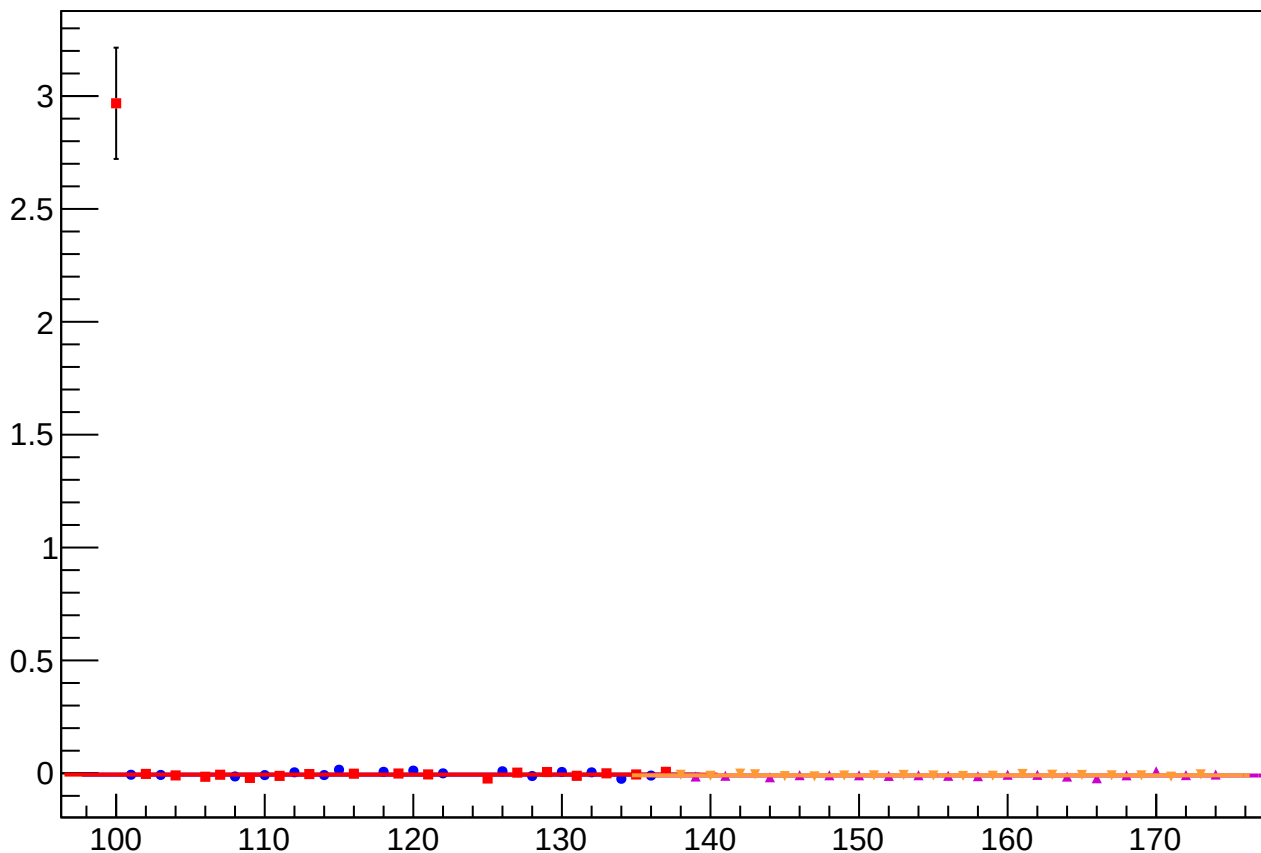
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: -0.025 ± 0.015 χ^2/NDF : 47.3/33

Out: -0.001 ± 0.016 χ^2/NDF : 56.4/36

All: -0.013 ± 0.011 χ^2/NDF : 104.9/70

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 15.4/18

Right Out: -0.006 ± 0.001 χ^2/NDF : 165.2/17

Left In: -0.010 ± 0.001 χ^2/NDF : 32.1/17

Left: -0.009 ± 0.001 χ^2/NDF : 47.9/36

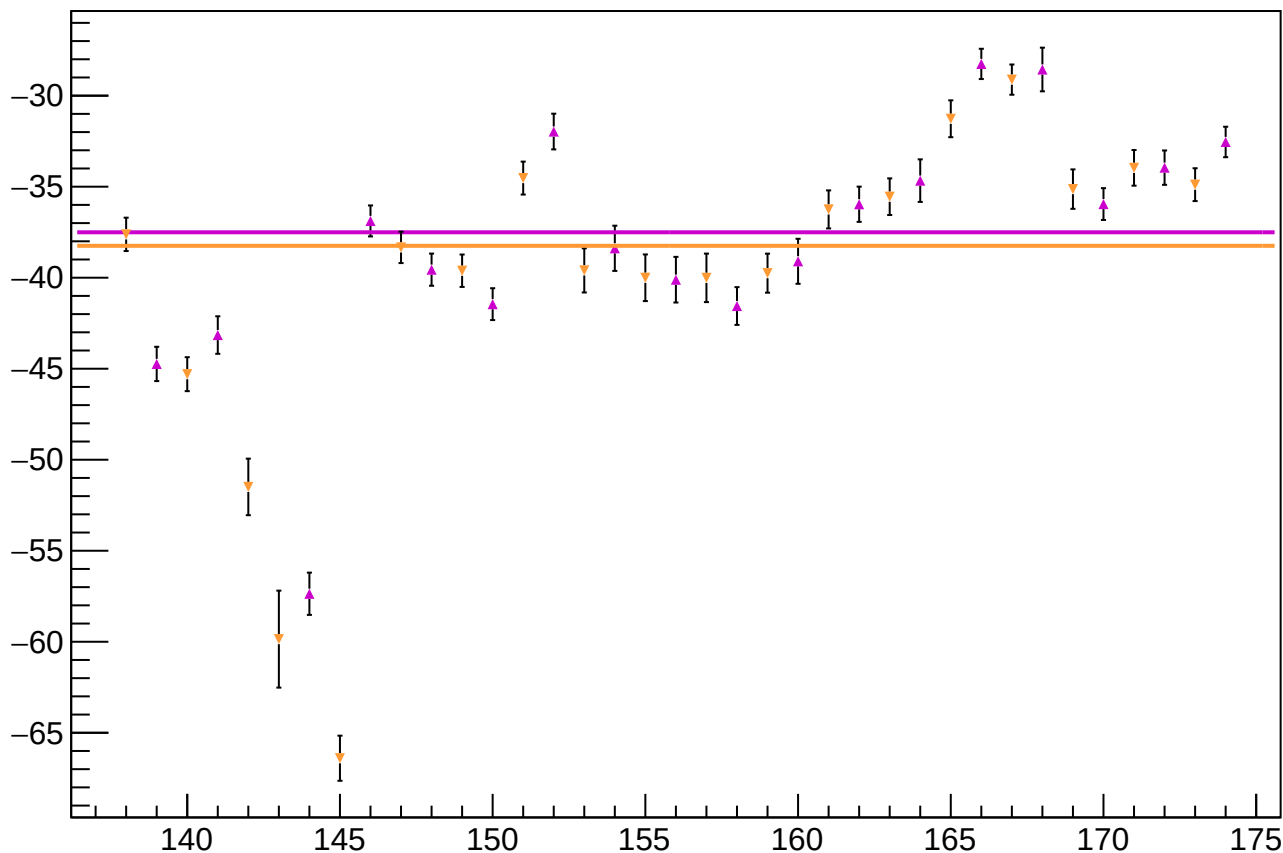
Right: -0.006 ± 0.001 χ^2/NDF : 193.9/33

In: -0.009 ± 0.001 χ^2/NDF : 66.2/33

Out: -0.008 ± 0.001 χ^2/NDF : 184.3/36

All: -0.009 ± 0.001 χ^2/NDF : 250.8/70

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



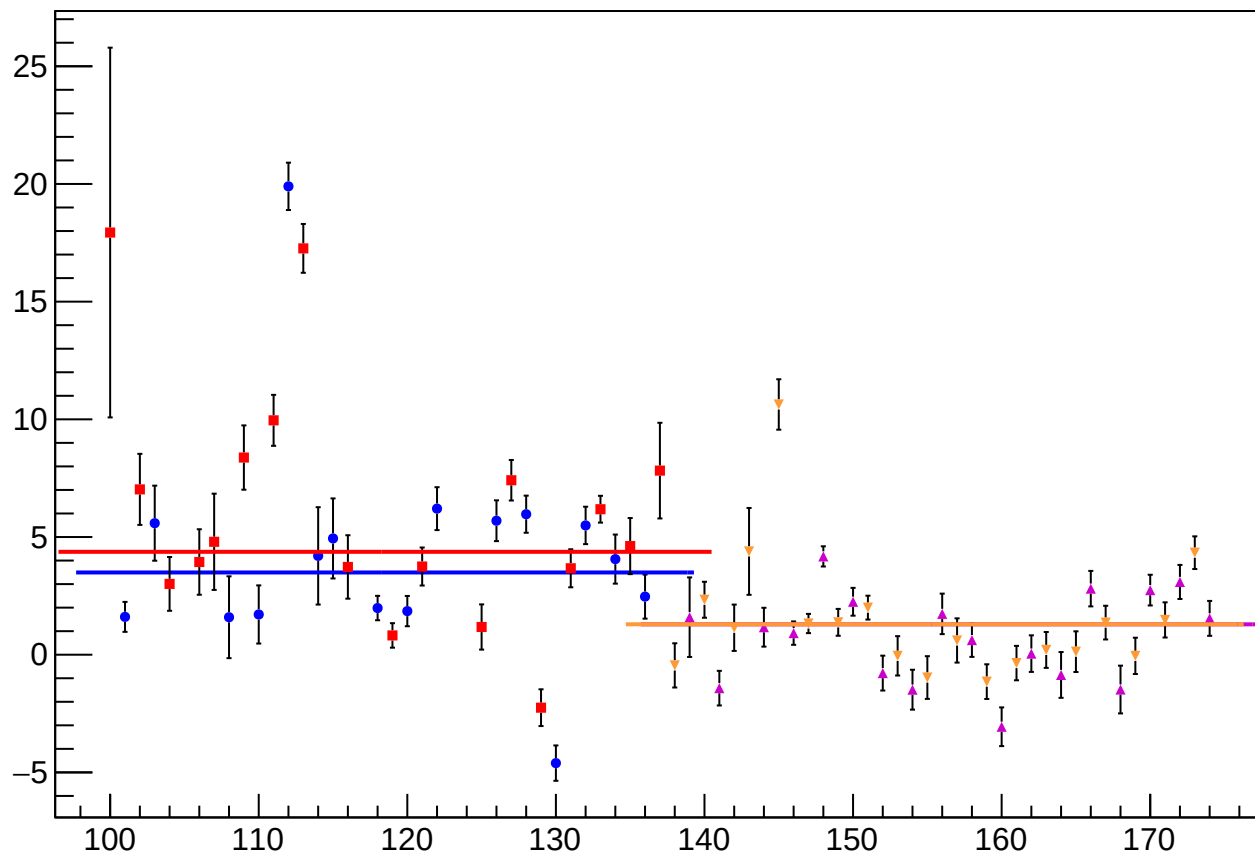
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -38.248 $\pm$ 0.239 χ^2/NDF :958.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -37.505 $\pm$ 0.233 χ^2/NDF :702.0/17

Left: -37.867 $\pm$ 0.167 χ^2/NDF : 1665.4/36
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -37.505 $\pm$ 0.233 χ^2/NDF :702.0/17
 Out: -38.248 $\pm$ 0.239 χ^2/NDF :958.5/18

All: -37.867 $\pm$ 0.167 χ^2/NDF : 1665.4/36

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: 1.292 $\pm$ 0.167 χ^2 /NDF:137.6/18

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.291 $\pm$ 0.168 χ^2 /NDF:140.0/17

Left: 1.291 $\pm$ 0.118 χ^2 /NDF: 277.6/36

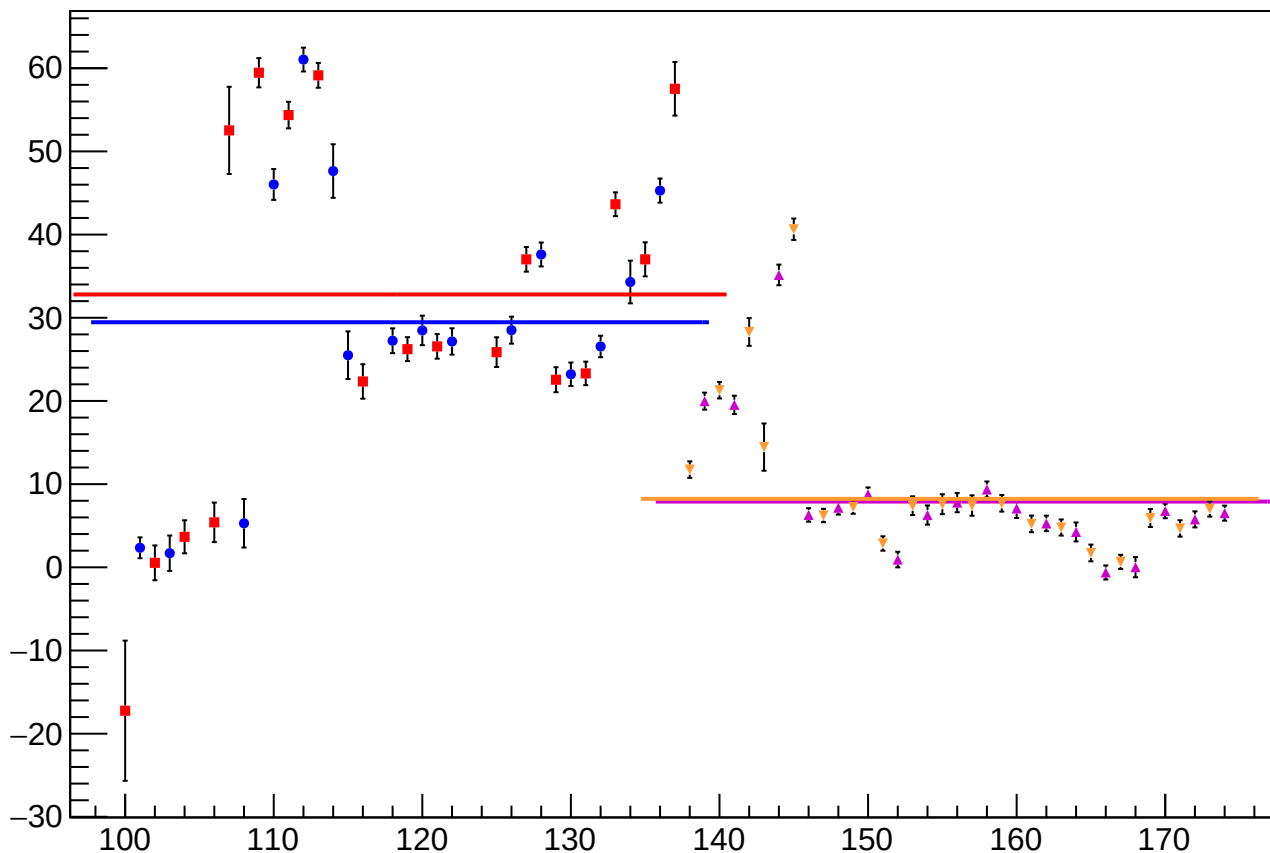
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.111 $\pm$ 0.133 χ^2 /NDF:649.2/33

Out: 2.381 $\pm$ 0.134 χ^2 /NDF:612.3/36

All: 2.245 $\pm$ 0.094 χ^2 /NDF: 1263.6/70

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2/NDF : 1491.6/15

Left Out: 8.232 $\pm$ 0.235 χ^2/NDF :1180.2/18

Right Out: 32.804 $\pm$ 0.423 χ^2/NDF : 1659.8/17

Left In: 7.905 $\pm$ 0.230 χ^2/NDF :971.1/17

Left: 8.065 $\pm$ 0.164 χ^2/NDF : 2152.3/36

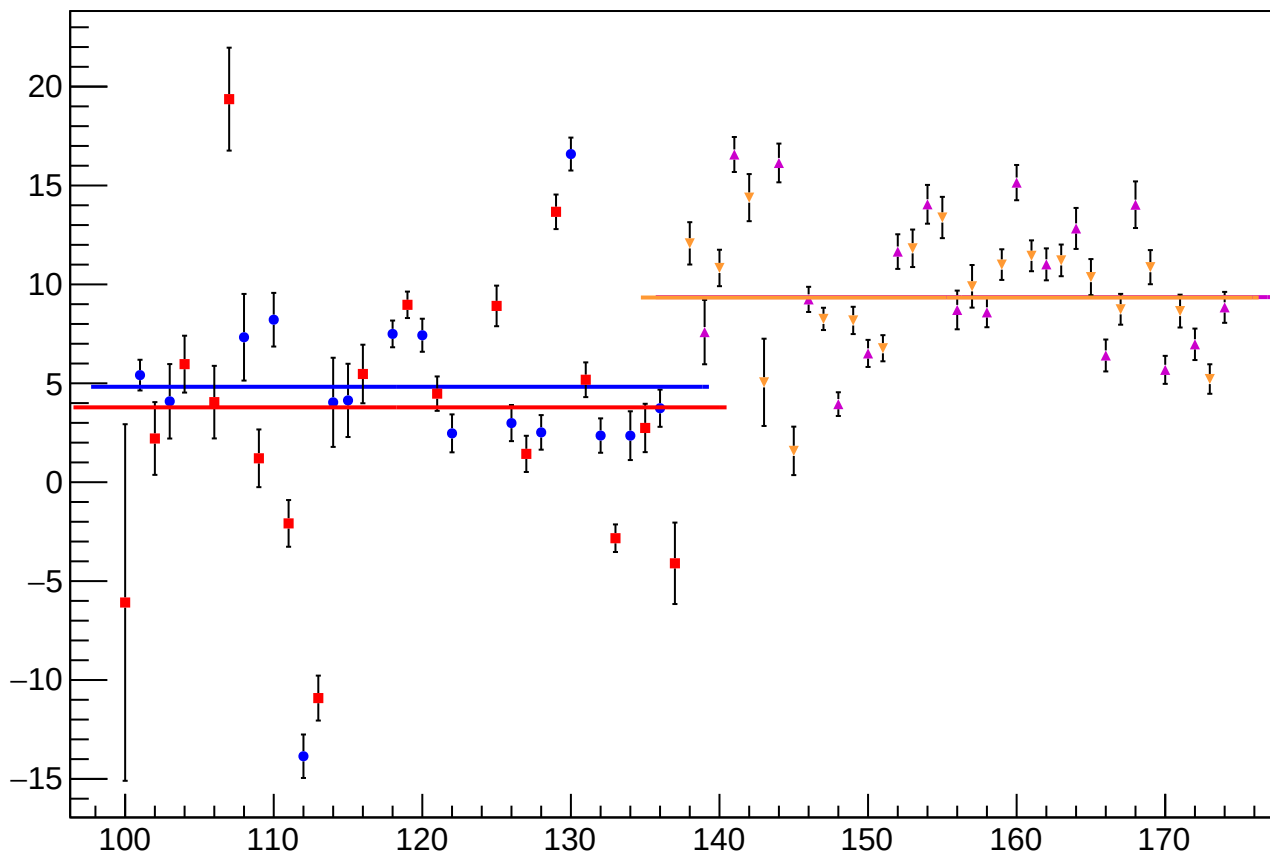
Right: 31.111 $\pm$ 0.297 χ^2/NDF : 3183.0/33

In: 12.912 $\pm$ 0.201 χ^2/NDF :4509.5/33

Out: 14.039 $\pm$ 0.206 χ^2/NDF :5417.2/36

All: 13.463 $\pm$ 0.144 χ^2/NDF : 9942.1/70

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.337 ± 0.195 $\chi^2/\text{NDF}: 168.4/18$

Right Out: 3.784 ± 0.259 $\chi^2/\text{NDF}: 564.8/17$

Left In: 9.357 ± 0.195 $\chi^2/\text{NDF}: 368.7/17$

Left: 9.347 ± 0.138 $\chi^2/\text{NDF}: 537.1/36$

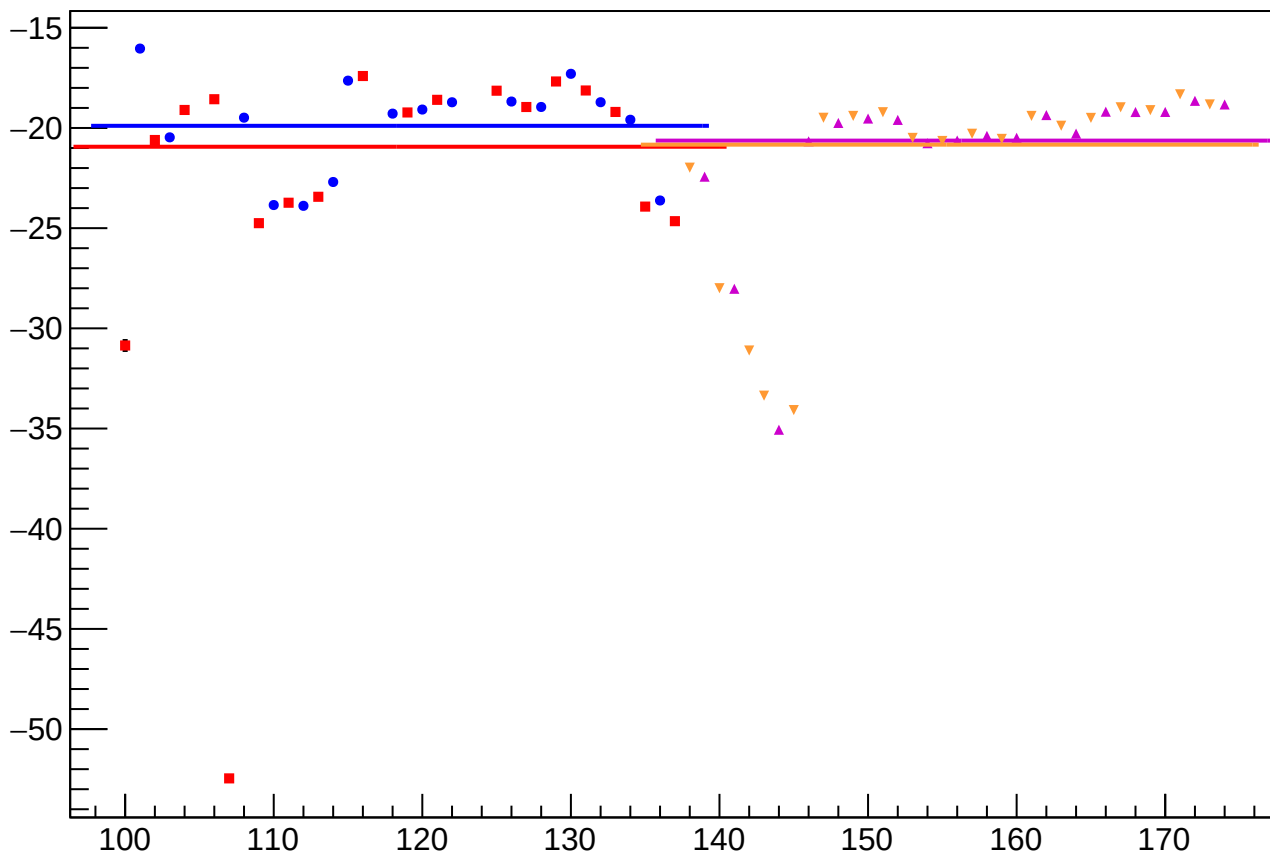
Right: 4.319 ± 0.180 $\chi^2/\text{NDF}: 1126.1/33$

In: 7.662 ± 0.154 $\chi^2/\text{NDF}: 1124.7/33$

Out: 7.331 ± 0.156 $\chi^2/\text{NDF}: 1027.1/36$

All: 7.498 ± 0.109 $\chi^2/\text{NDF}: 2154.2/70$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.833 ± 0.009 $\chi^2/\text{NDF}: 153045.3/18$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.631 ± 0.009 $\chi^2/\text{NDF}: 115079.5/17$

Left: -20.729 ± 0.006 $\chi^2/\text{NDF}: 268370.9/36$

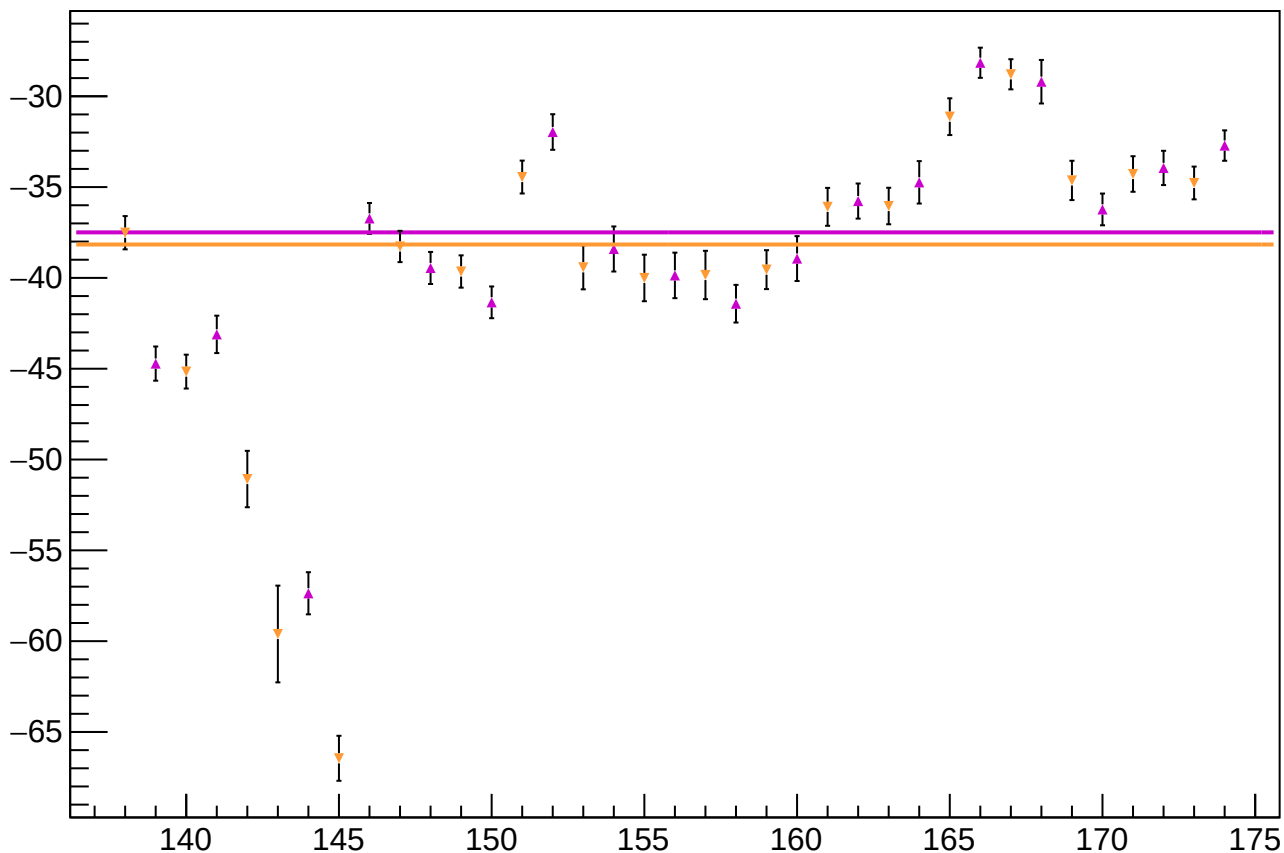
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -20.447 ± 0.008 $\chi^2/\text{NDF}: 142860.1/33$

Out: -20.859 ± 0.008 $\chi^2/\text{NDF}: 247205.0/36$

All: -20.649 ± 0.006 $\chi^2/\text{NDF}: 391437.0/70$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



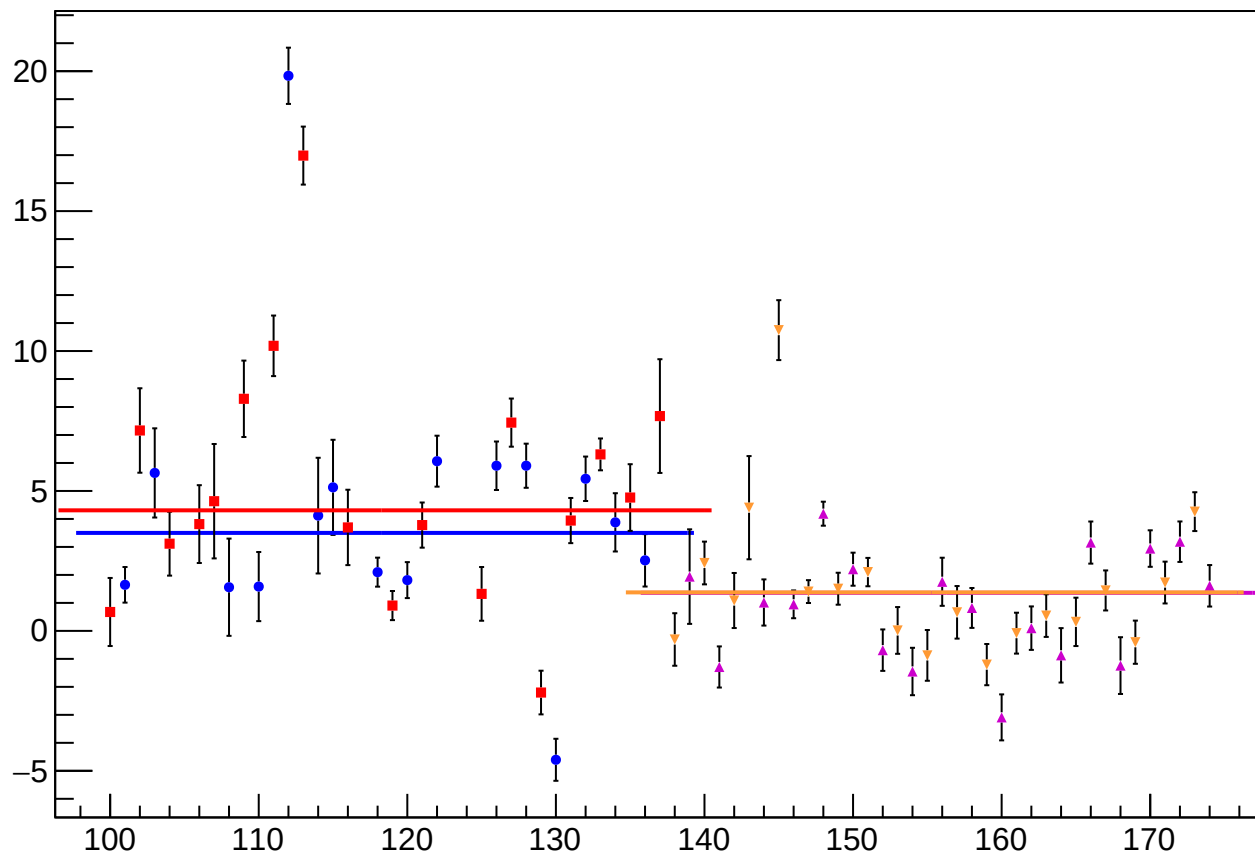
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.161+/-0.239 χ^2/NDF :963.1/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.493+/-0.232 χ^2/NDF :690.9/17

Left: -37.819+/-0.166 χ^2/NDF : 1658.1/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.493+/-0.232 χ^2/NDF :690.9/17
 Out: -38.161+/-0.239 χ^2/NDF :963.1/18

All: -37.819+/-0.166 χ^2/NDF : 1658.1/36

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: 1.376 ± 0.167 χ^2/NDF : 137.8/18

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.360 ± 0.168 χ^2/NDF : 140.9/17

Left: 1.368 ± 0.118 χ^2/NDF : 278.6/36

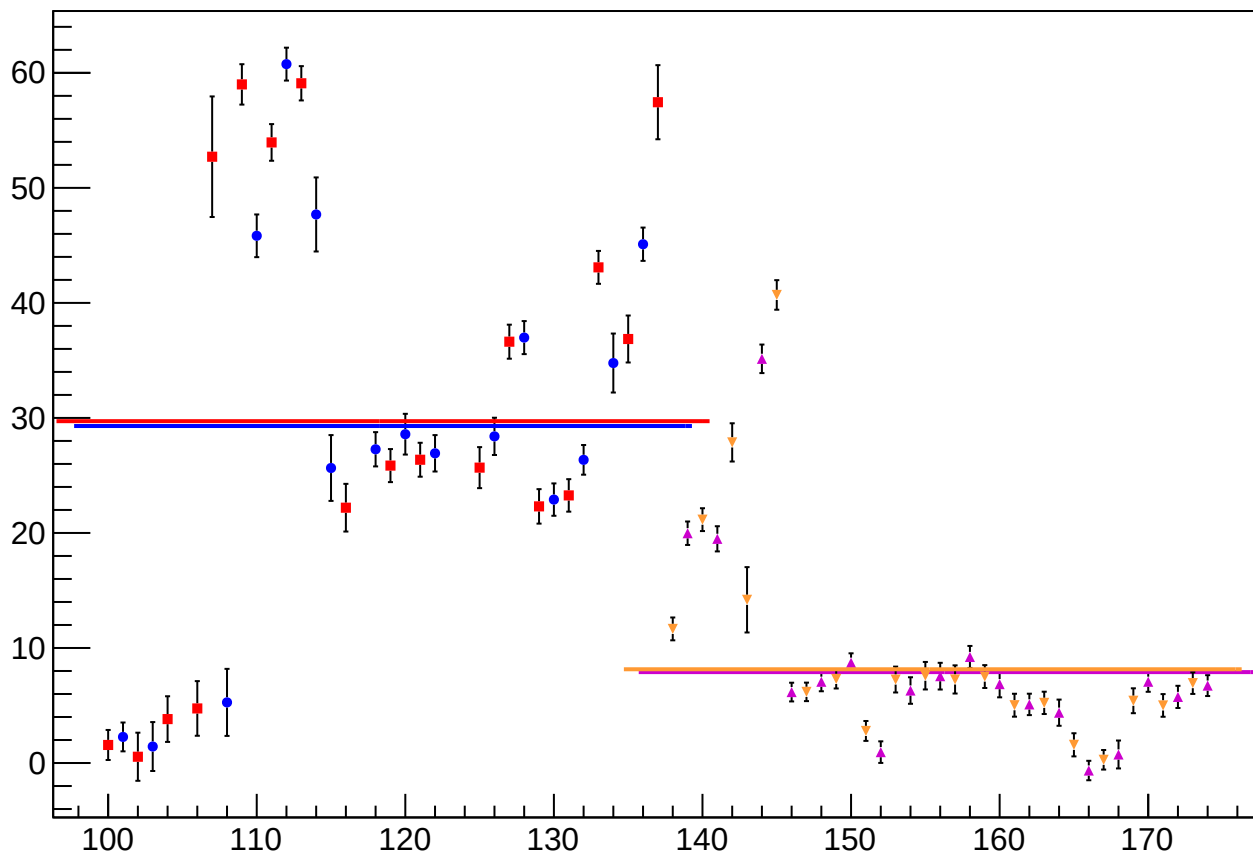
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.158 ± 0.133 χ^2/NDF : 643.5/33

Out: 2.435 ± 0.133 χ^2/NDF : 602.6/36

All: 2.296 ± 0.094 χ^2/NDF : 1248.3/70

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 8.149 $\pm$ 0.235 χ^2 /NDF:1183.2/18

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 7.903 $\pm$ 0.229 χ^2 /NDF:964.2/17

Left: 8.023 $\pm$ 0.164 χ^2 /NDF: 2147.9/36

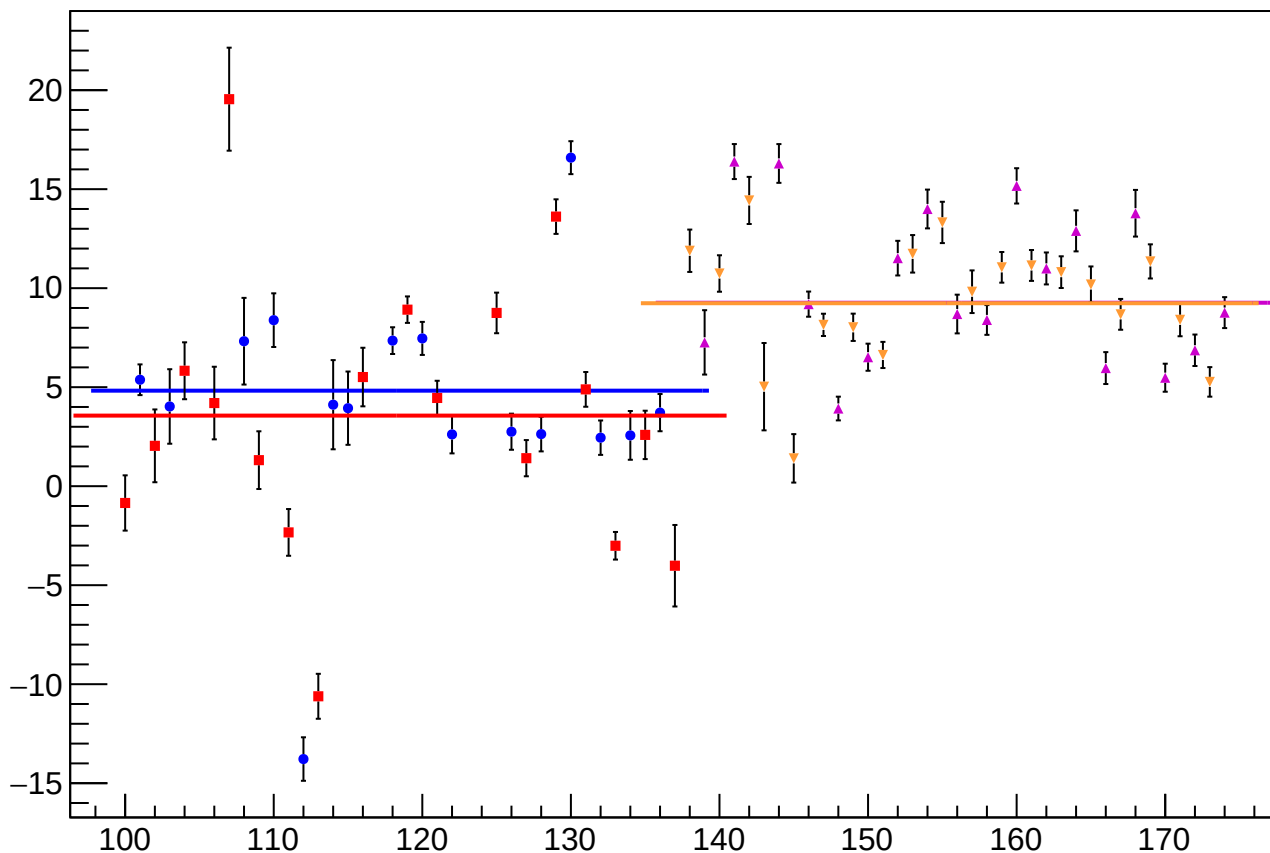
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 12.872 $\pm$ 0.201 χ^2 /NDF:4467.9/33

Out: 13.637 $\pm$ 0.203 χ^2 /NDF:5452.6/36

All: 13.251 $\pm$ 0.143 χ^2 /NDF: 9927.7/70

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 549.2/15$

Left Out: 9.240 ± 0.195 $\chi^2/\text{NDF}: 169.8/18$

Right Out: 3.564 ± 0.254 $\chi^2/\text{NDF}: 570.2/17$

Left In: 9.264 ± 0.194 $\chi^2/\text{NDF}: 375.9/17$

Left: 9.252 ± 0.138 $\chi^2/\text{NDF}: 545.7/36$

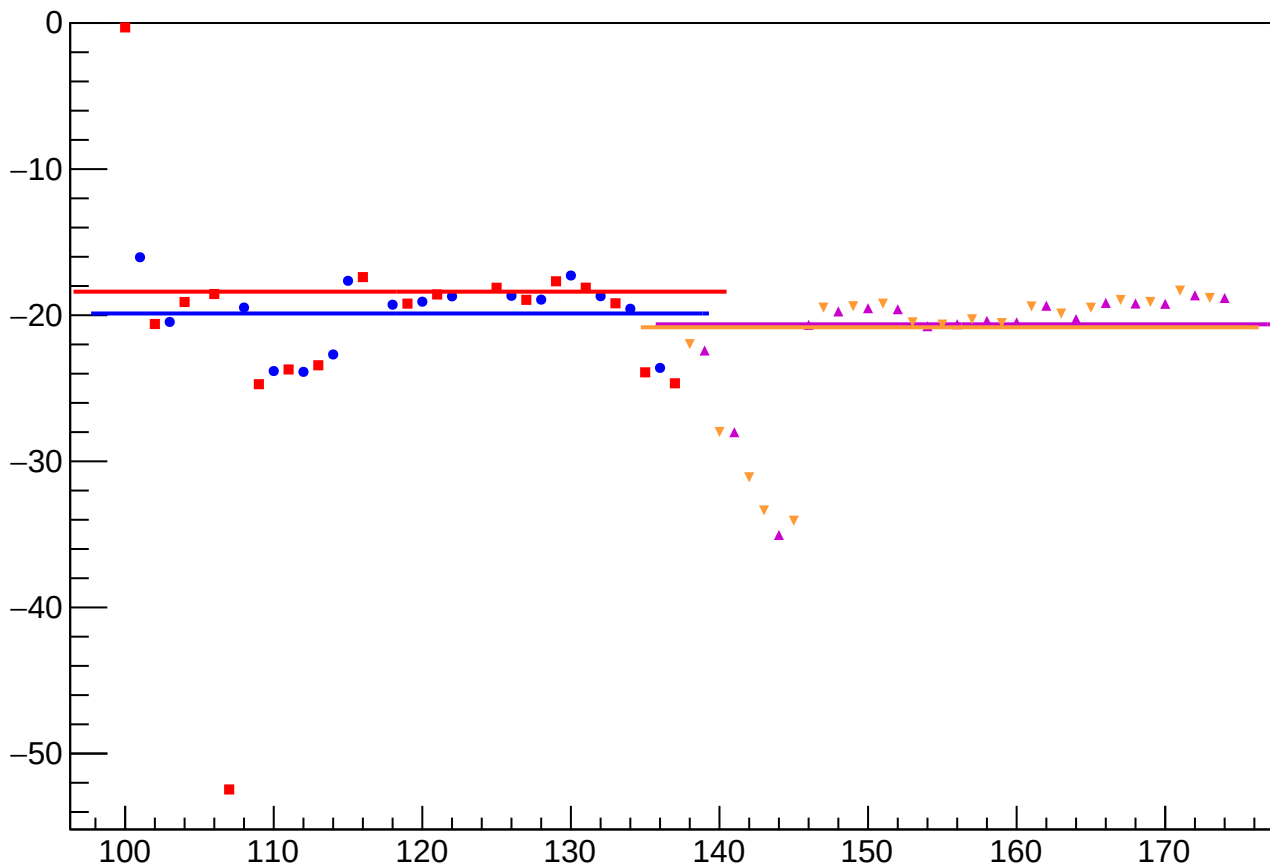
Right: 4.201 ± 0.179 $\chi^2/\text{NDF}: 1131.9/33$

In: 7.604 ± 0.154 $\chi^2/\text{NDF}: 1120.3/33$

Out: 7.145 ± 0.155 $\chi^2/\text{NDF}: 1054.0/36$

All: 7.376 ± 0.109 $\chi^2/\text{NDF}: 2178.7/70$

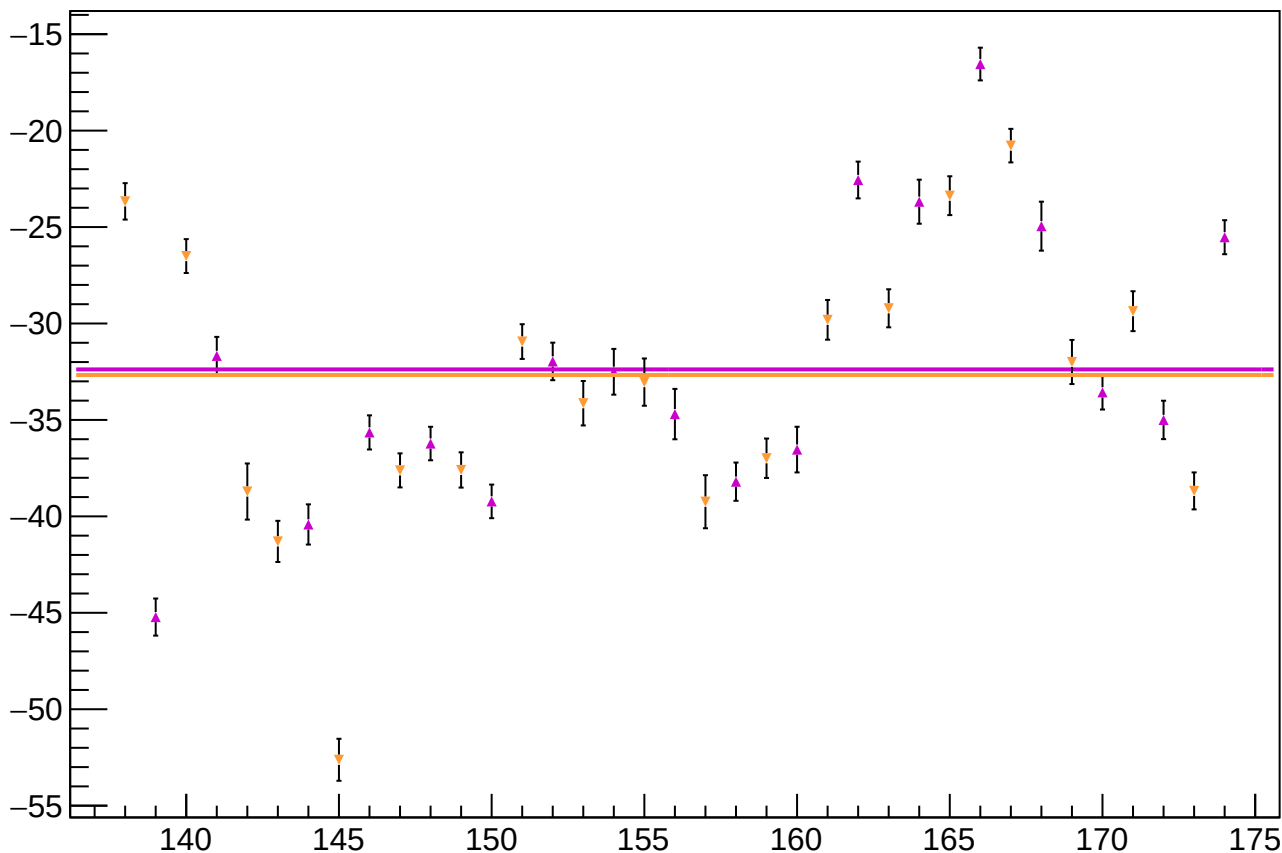
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.825 ± 0.009 $\chi^2/\text{NDF}: 153161.3/18$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -20.623 ± 0.009 $\chi^2/\text{NDF}: 114970.3/17$

Left: -20.721 ± 0.006 $\chi^2/\text{NDF}: 268379.0/36$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -20.438 ± 0.008 $\chi^2/\text{NDF}: 142758.6/33$
 Out: -20.139 ± 0.008 $\chi^2/\text{NDF}: 474069.0/36$
 All: -20.290 ± 0.006 $\chi^2/\text{NDF}: 617564.2/70$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.672+/-0.234 χ^2/NDF :1006.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.381+/-0.233 χ^2/NDF :998.8/17

Left: -32.526+/-0.165 χ^2/NDF : 2006.2/36

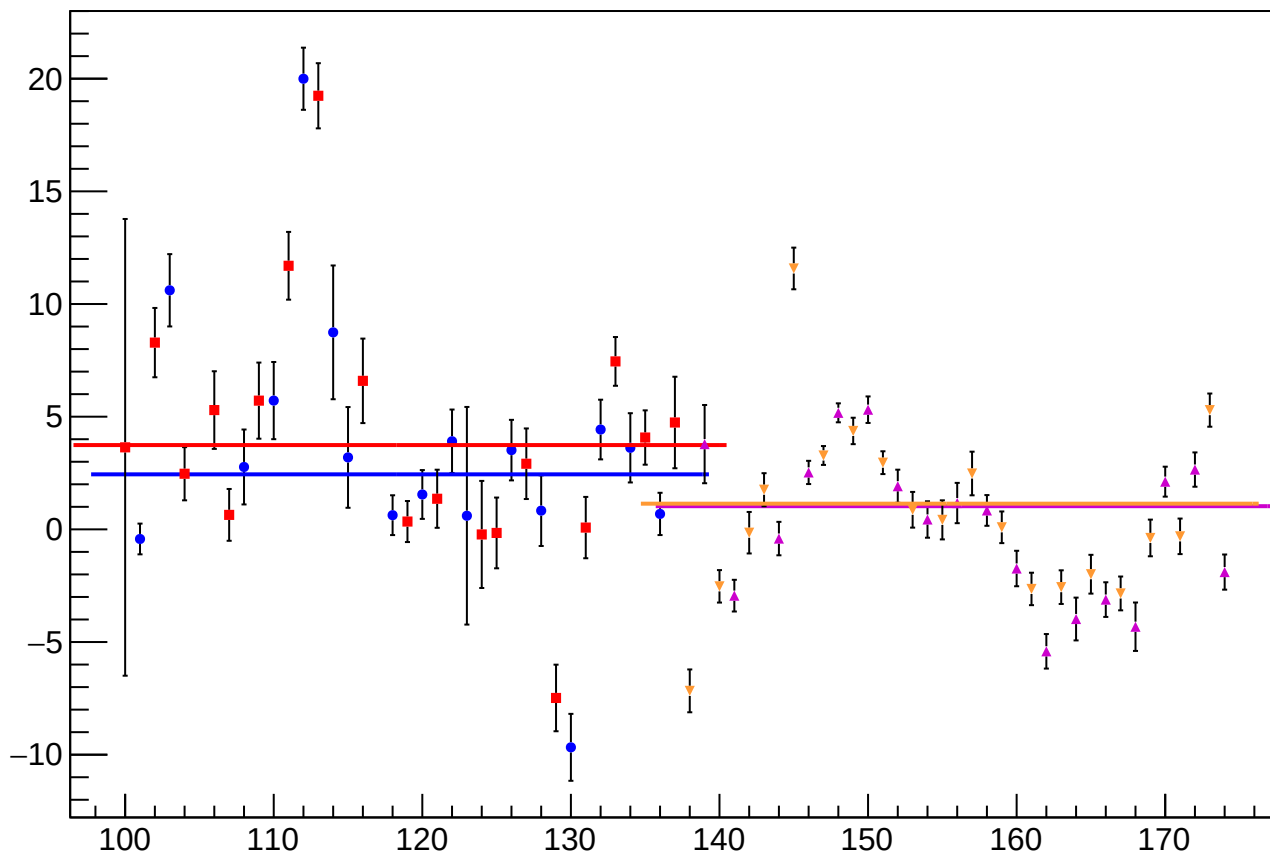
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.381+/-0.233 χ^2/NDF :998.8/17

Out: -32.672+/-0.234 χ^2/NDF :1006.6/18

All: -32.526+/-0.165 χ^2/NDF : 2006.2/36

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 1.140 $\pm$ 0.163 χ^2 /NDF: 439.1/18

Right Out: 3.740 $\pm$ 0.326 χ^2 /NDF: 268.1/18

Left In: 1.028 $\pm$ 0.167 χ^2 /NDF: 384.4/17

Left: 1.085 $\pm$ 0.117 χ^2 /NDF: 823.7/36

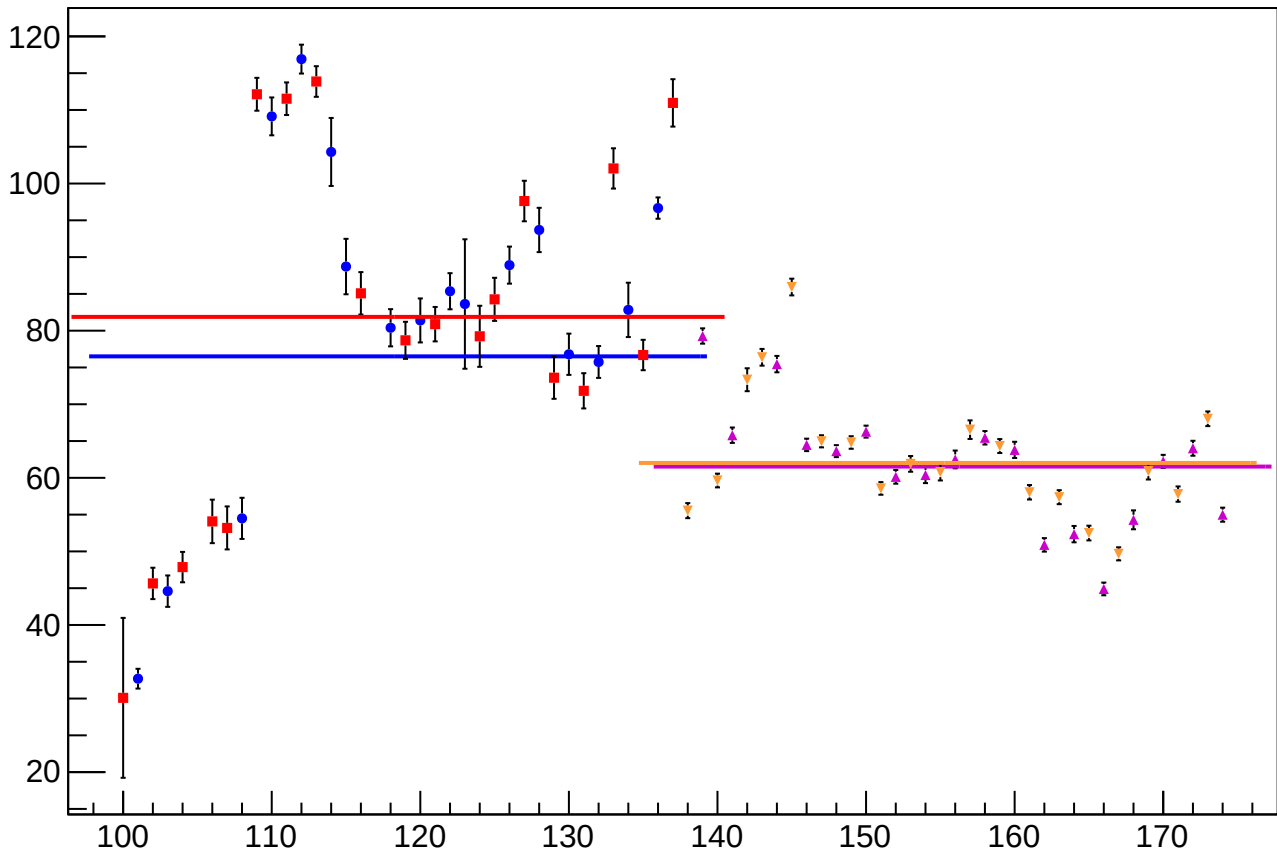
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/35

In: 1.344 $\pm$ 0.147 χ^2 /NDF: 695.1/34

Out: 1.659 $\pm$ 0.146 χ^2 /NDF: 758.0/37

All: 1.503 $\pm$ 0.104 χ^2 /NDF: 1455.4/72

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 62.024 $\pm$ 0.231 χ^2 /NDF:1137.0/18

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 61.530 $\pm$ 0.230 χ^2 /NDF:1200.5/17

Left: 61.775 $\pm$ 0.163 χ^2 /NDF: 2339.8/36

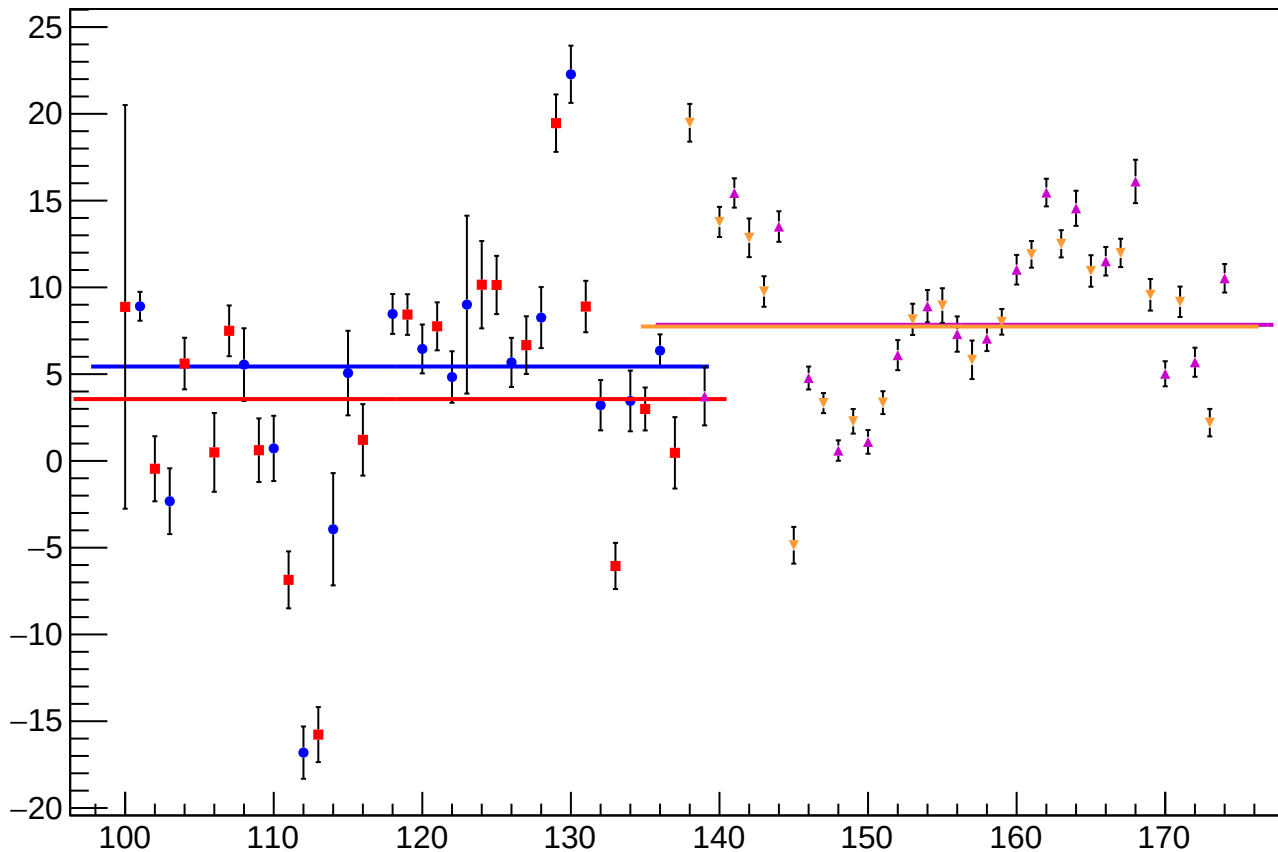
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 63.593 $\pm$ 0.213 χ^2 /NDF:4038.3/34

Out: 64.653 $\pm$ 0.215 χ^2 /NDF:3684.1/37

All: 64.118 $\pm$ 0.151 χ^2 /NDF: 7734.7/72

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 7.745 ± 0.191 χ^2/NDF : 661.0/18

Right Out: 3.563 ± 0.375 χ^2/NDF : 420.8/18

Left In: 7.843 ± 0.194 χ^2/NDF : 651.2/17

Left: 7.793 ± 0.136 χ^2/NDF : 1312.3/36

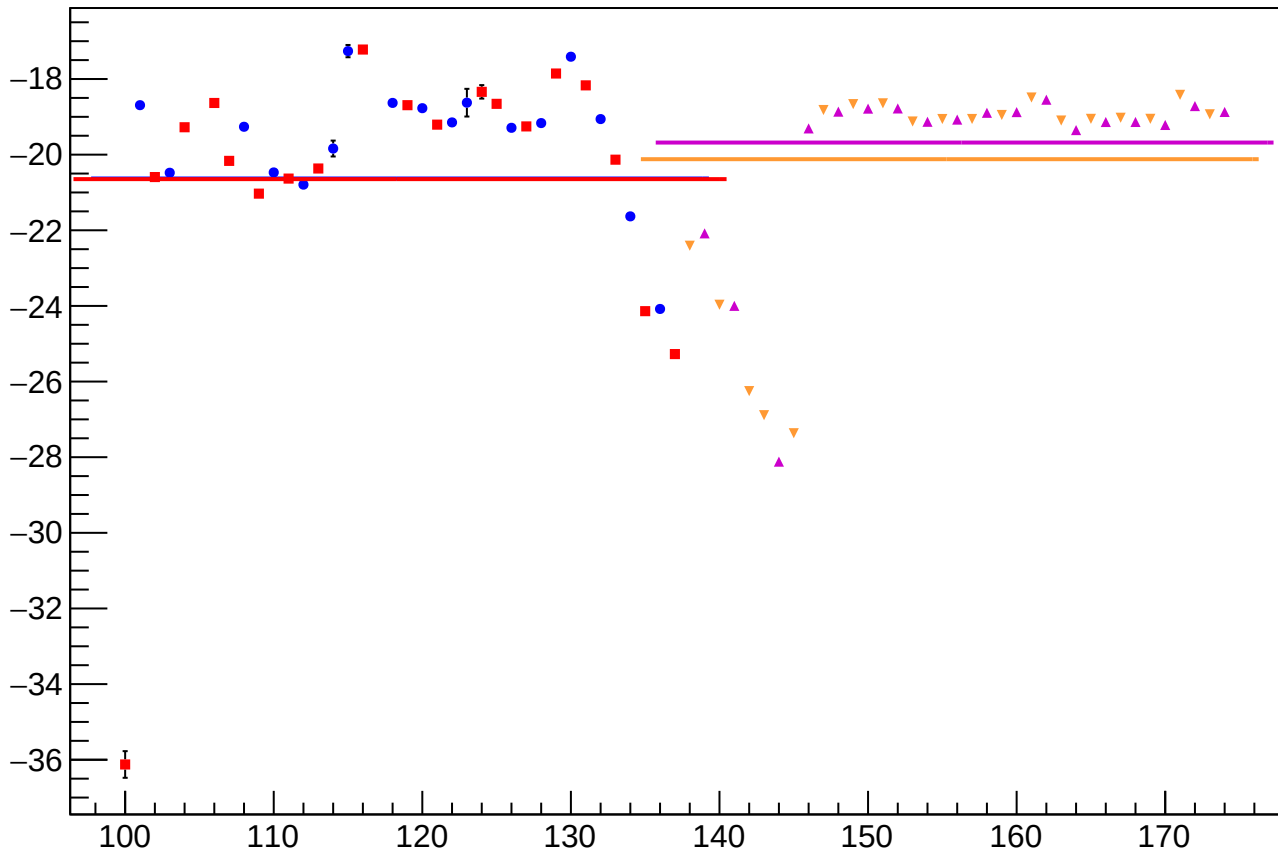
Right: 4.545 ± 0.259 χ^2/NDF : 820.1/35

In: 7.297 ± 0.170 χ^2/NDF : 1072.2/34

Out: 6.885 ± 0.170 χ^2/NDF : 1180.6/37

All: 7.091 ± 0.120 χ^2/NDF : 2255.8/72

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.120 ± 0.009 $\chi^2/\text{NDF}: 85088.3/18$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.680 ± 0.009 $\chi^2/\text{NDF}: 50689.5/17$

Left: -19.898 ± 0.006 $\chi^2/\text{NDF}: 136964.9/36$

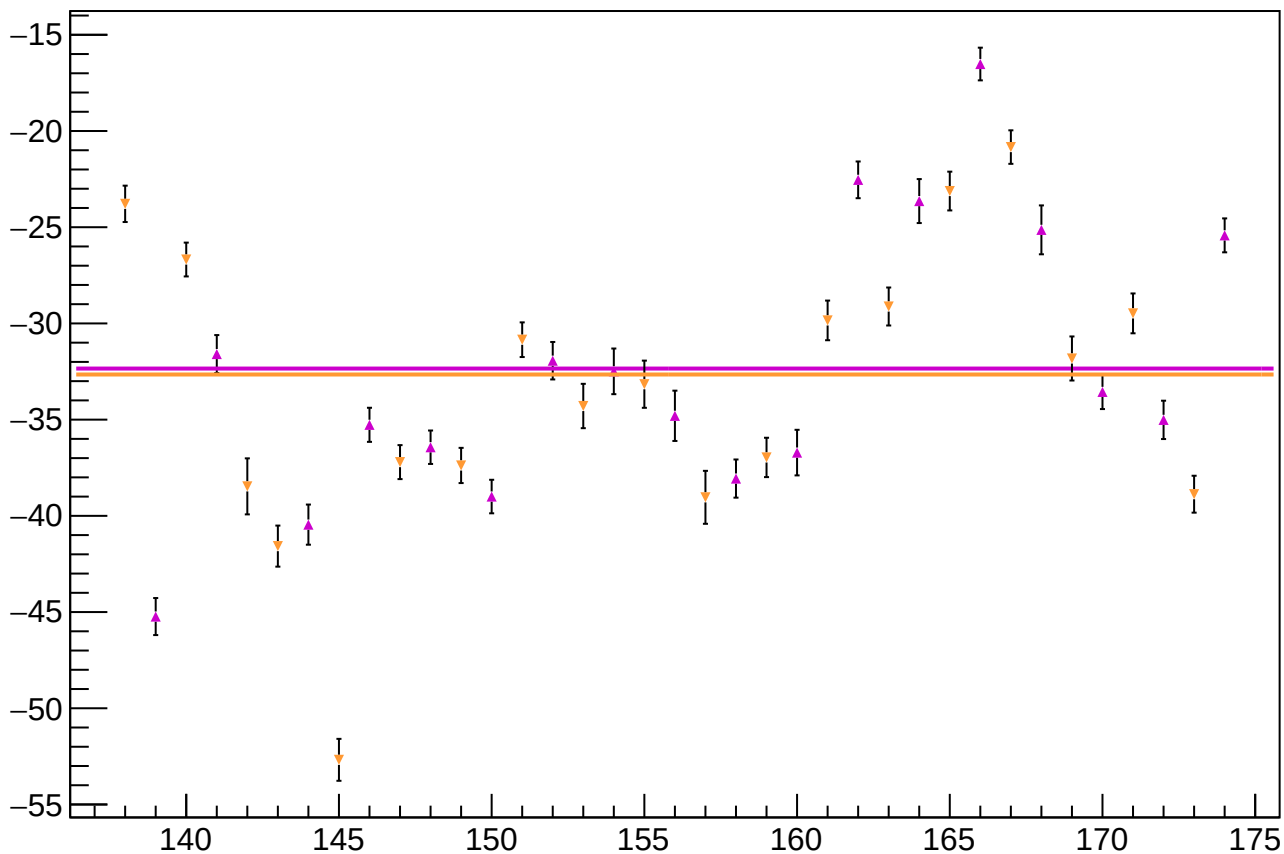
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.849 ± 0.008 $\chi^2/\text{NDF}: 65189.1/34$

Out: -20.215 ± 0.008 $\chi^2/\text{NDF}: 99601.4/37$

All: -20.030 ± 0.006 $\chi^2/\text{NDF}: 165786.8/72$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.654+/-0.234 χ^2/NDF :1002.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -32.345+/-0.233 χ^2/NDF :995.8/17

Left: -32.499+/-0.165 χ^2/NDF : 1999.2/36

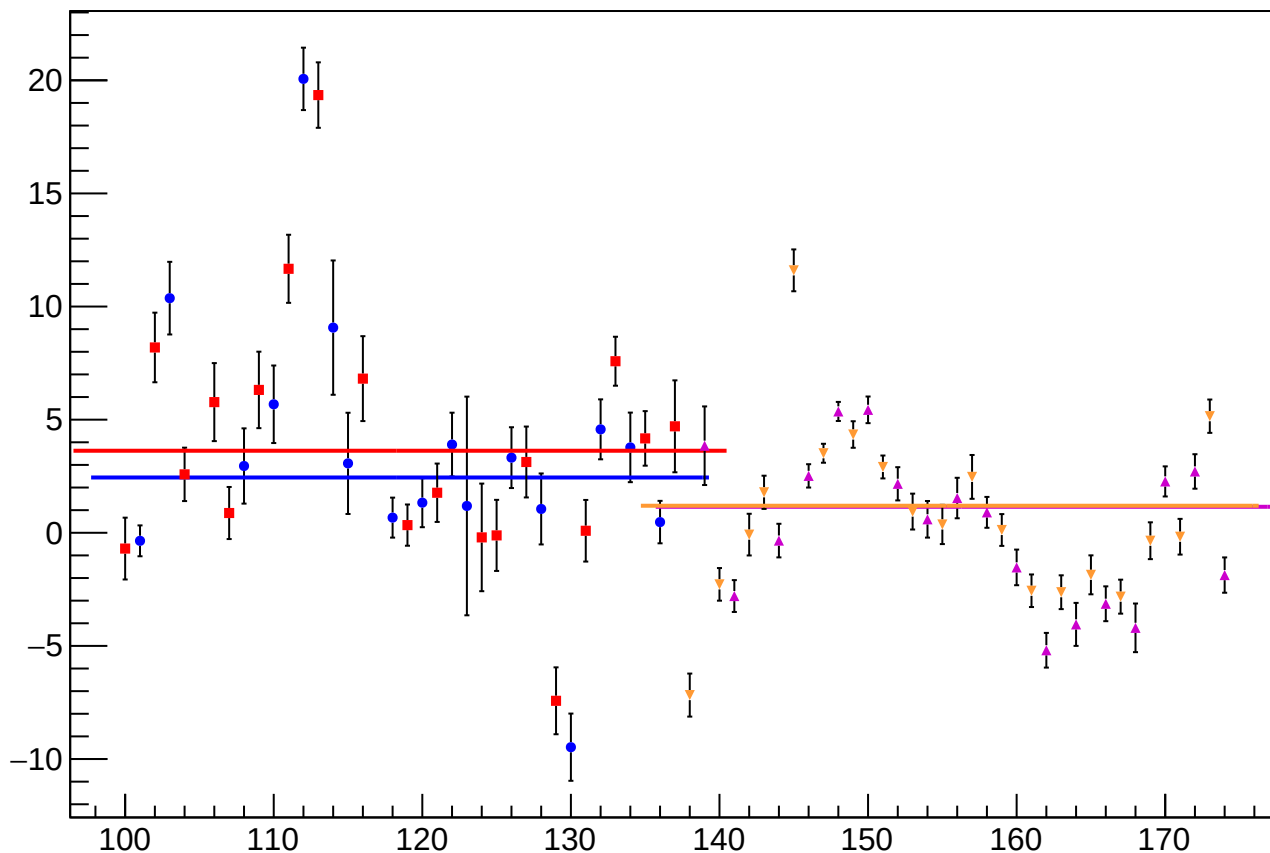
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -32.345+/-0.233 χ^2/NDF :995.8/17

Out: -32.654+/-0.234 χ^2/NDF :1002.5/18

All: -32.499+/-0.165 χ^2/NDF : 1999.2/36

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: 1.195 $\pm$ 0.163 χ^2 /NDF:436.0/18

Right Out: 3.626 $\pm$ 0.318 χ^2 /NDF: 278.9/18

Left In: 1.149 $\pm$ 0.167 χ^2 /NDF:388.3/17

Left: 1.173 $\pm$ 0.117 χ^2 /NDF: 824.3/36

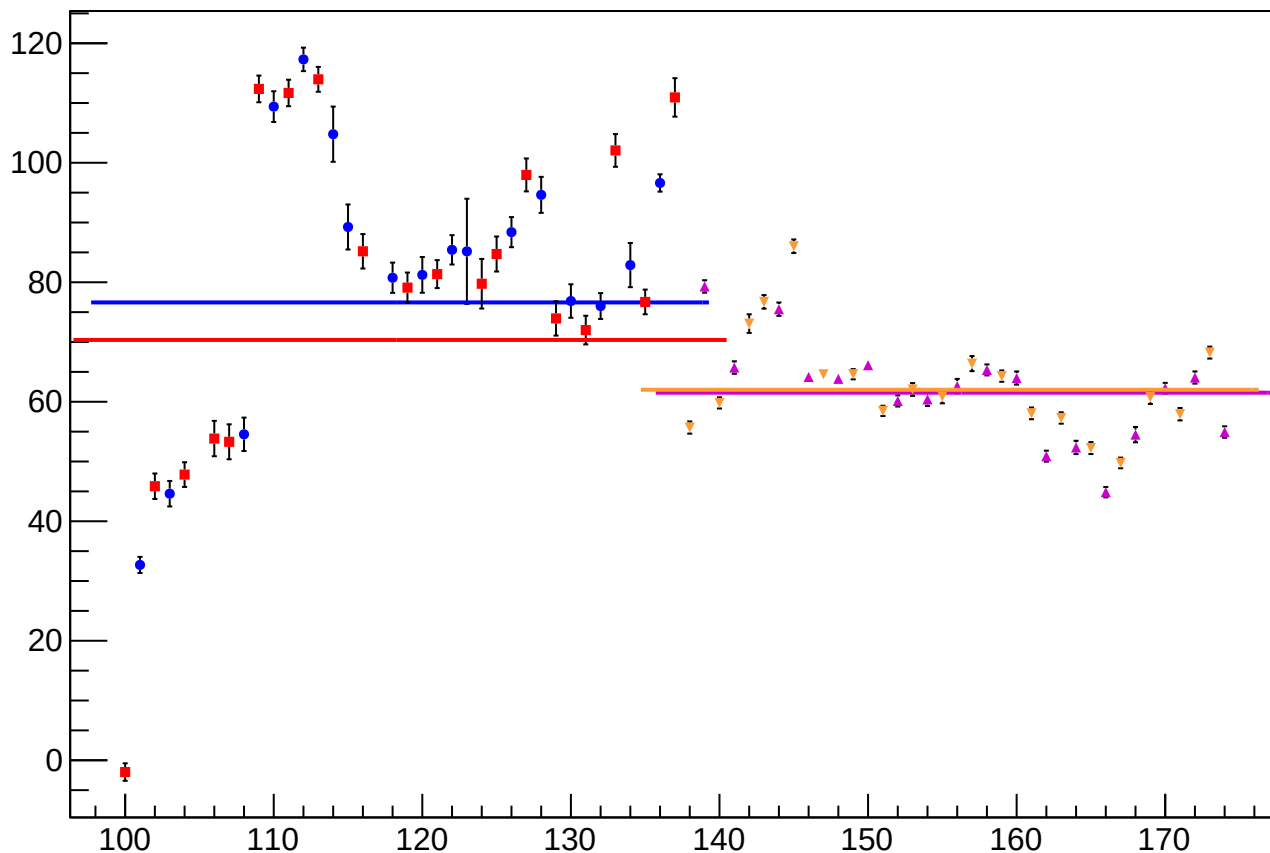
Right: 3.024 $\pm$ 0.223 χ^2 /NDF: 578.6/35

In: 1.438 $\pm$ 0.147 χ^2 /NDF:694.4/34

Out: 1.702 $\pm$ 0.145 χ^2 /NDF:761.2/37

All: 1.572 $\pm$ 0.103 χ^2 /NDF: 1457.2/72

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 62.012 $\pm$ 0.231 χ^2 /NDF:1141.0/18

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 61.521 $\pm$ 0.230 χ^2 /NDF:1196.3/17

Left: 61.765 $\pm$ 0.163 χ^2 /NDF: 2339.6/36

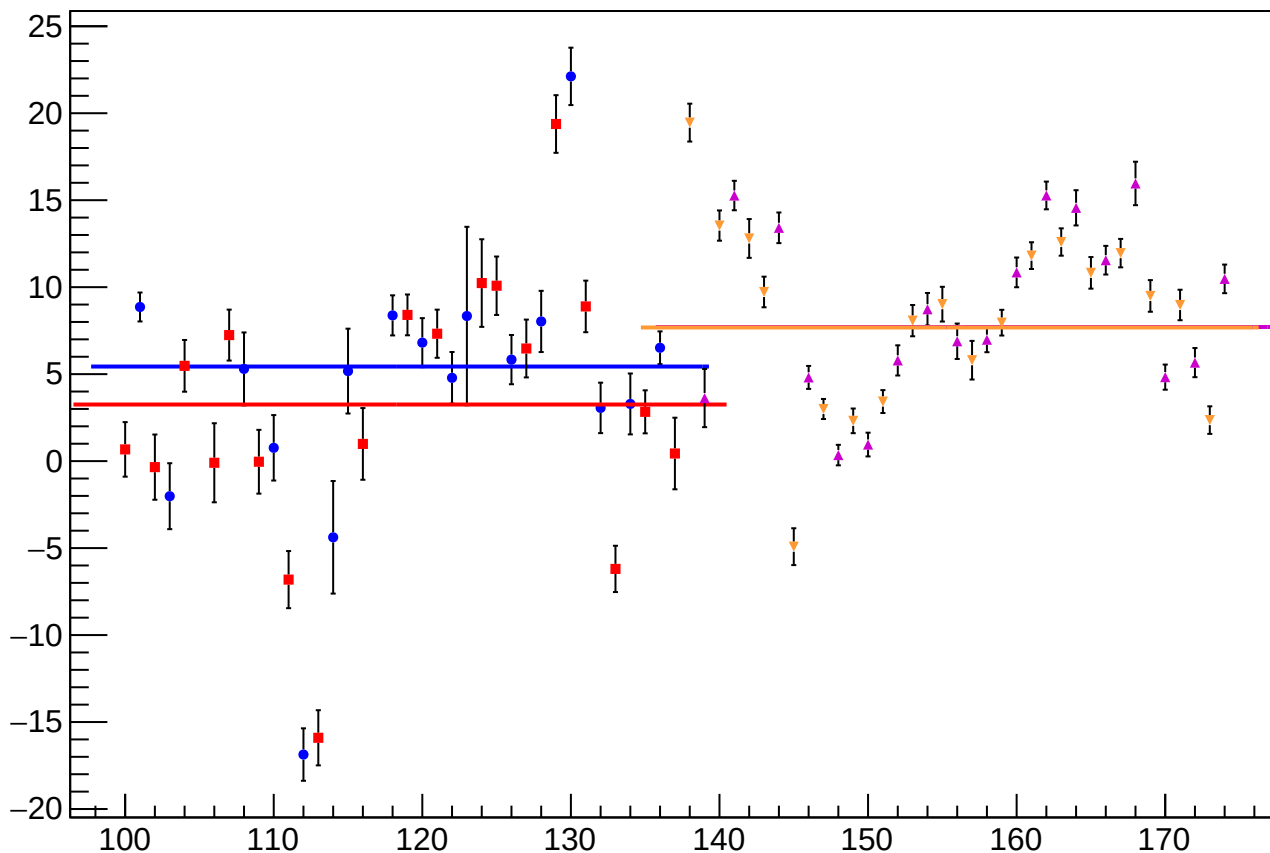
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 63.603 $\pm$ 0.213 χ^2 /NDF:4055.2/34

Out: 63.266 $\pm$ 0.213 χ^2 /NDF:5724.5/37

All: 63.435 $\pm$ 0.151 χ^2 /NDF: 9781.0/72

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 7.682 ± 0.191 $\chi^2/\text{NDF}: 659.2/18$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 7.710 ± 0.194 $\chi^2/\text{NDF}: 656.6/17$

Left: 7.696 ± 0.136 $\chi^2/\text{NDF}: 1315.7/36$

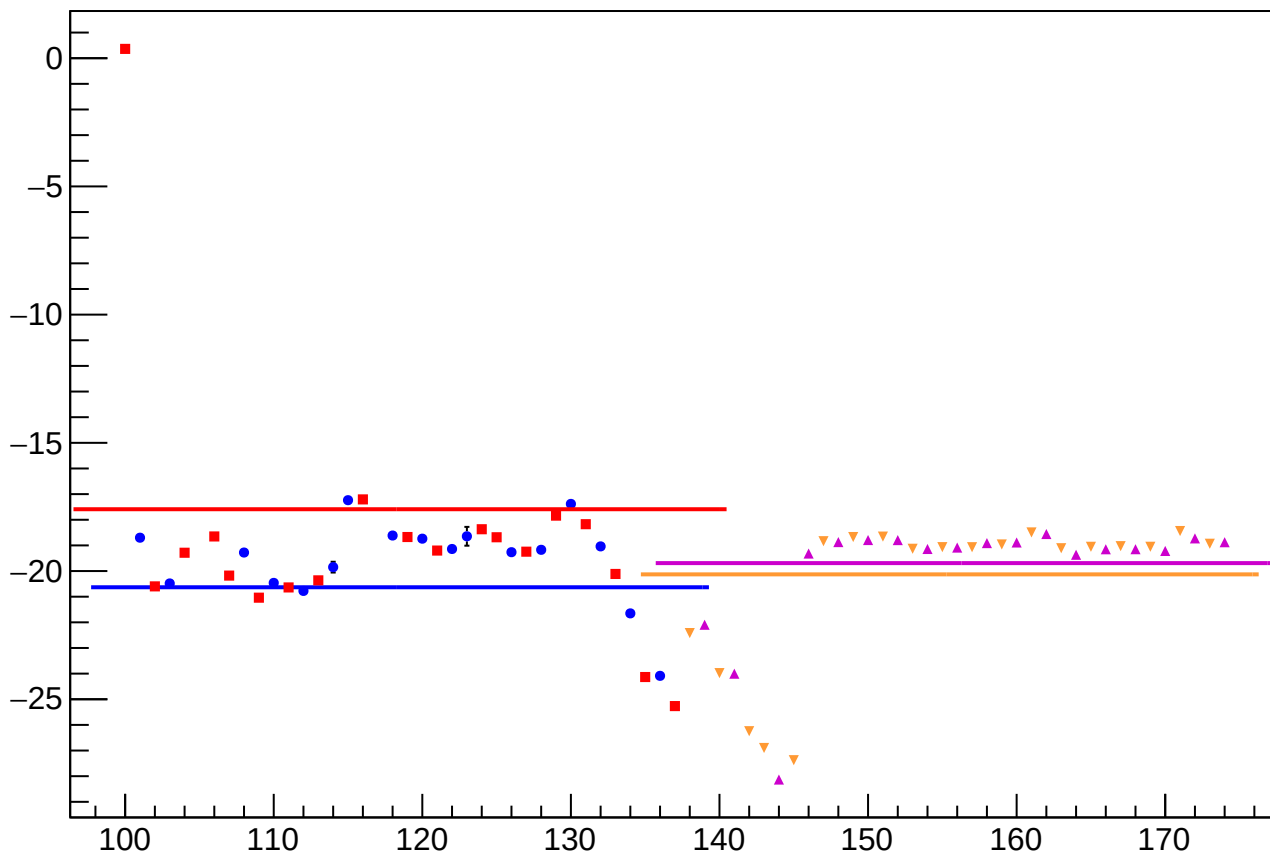
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 7.194 ± 0.171 $\chi^2/\text{NDF}: 1072.2/34$

Out: 6.732 ± 0.169 $\chi^2/\text{NDF}: 1198.4/37$

All: 6.961 ± 0.120 $\chi^2/\text{NDF}: 2274.4/72$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -20.129 $\pm$ 0.009 χ^2 /NDF: 84950.6/18

Right Out: -17.589 $\pm$ 0.018 χ^2 /NDF: 178672.3/18

Left In: -19.690 $\pm$ 0.009 χ^2 /NDF: 50632.3/17

Left: -19.907 $\pm$ 0.006 χ^2 /NDF: 136764.4/36

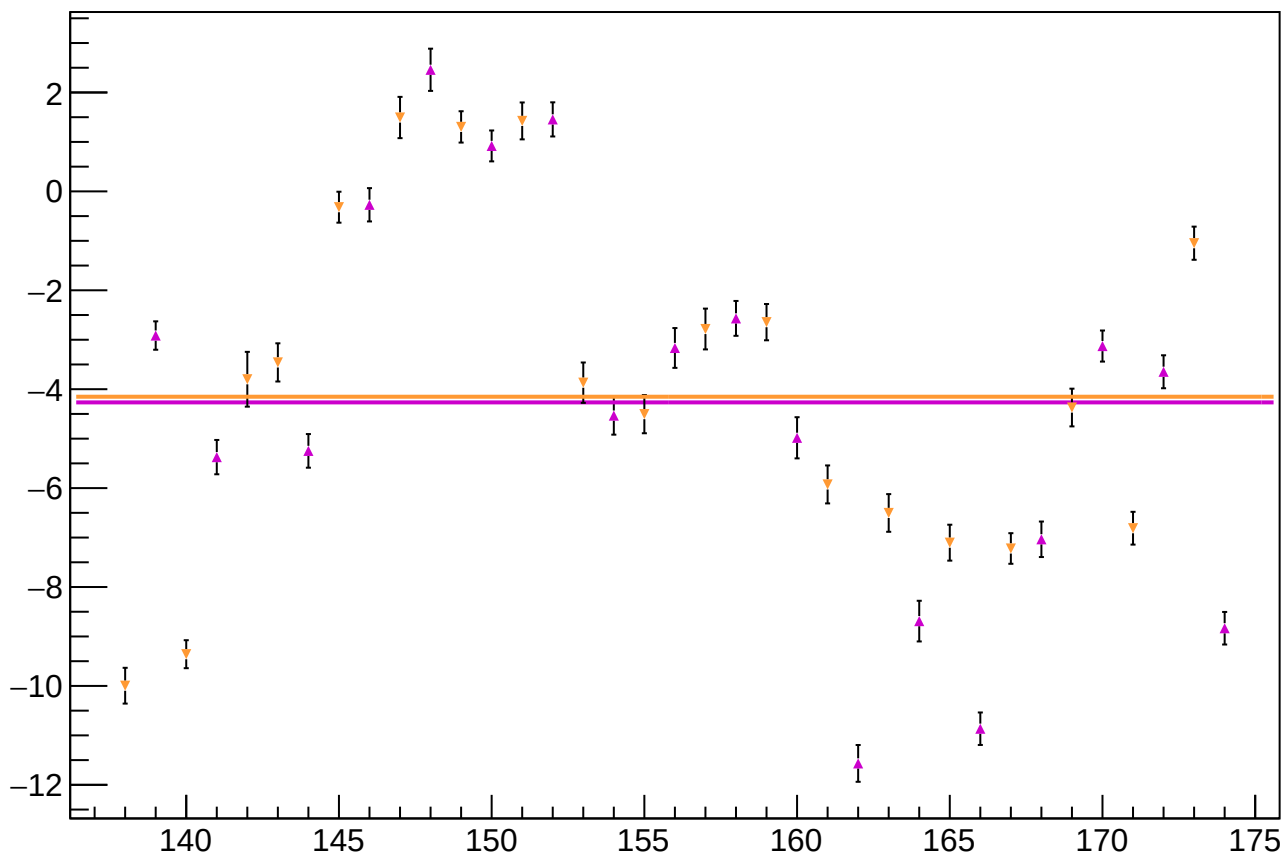
Right: -19.006 $\pm$ 0.013 χ^2 /NDF: 204500.0/35

In: -19.858 $\pm$ 0.008 χ^2 /NDF: 65133.0/34

Out: -19.614 $\pm$ 0.008 χ^2 /NDF: 279477.9/37

All: -19.736 $\pm$ 0.006 χ^2 /NDF: 345060.3/72

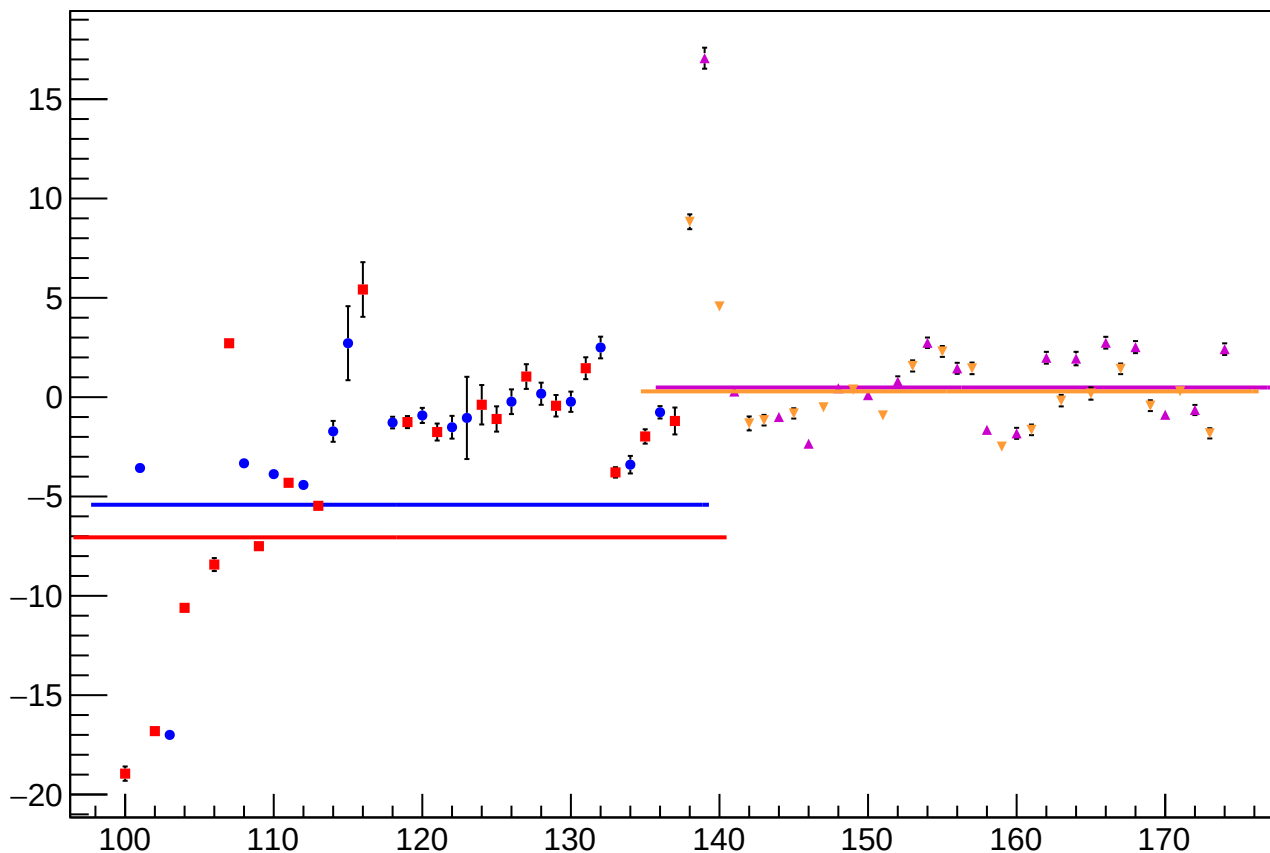
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -4.152 ± 0.083 χ^2/NDF : 1859.7/18
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -4.267 ± 0.082 χ^2/NDF : 2187.0/17

Left: -4.210 ± 0.058 χ^2/NDF : 4047.6/36
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -4.267 ± 0.082 χ^2/NDF : 2187.0/17
 Out: -4.152 ± 0.083 χ^2/NDF : 1859.7/18
 All: -4.210 ± 0.058 χ^2/NDF : 4047.6/36

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.291 ± 0.060 χ^2/NDF : 1324.3/18

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 0.487 ± 0.062 χ^2/NDF : 1674.7/17

Left: 0.386 ± 0.043 χ^2/NDF : 3004.2/36

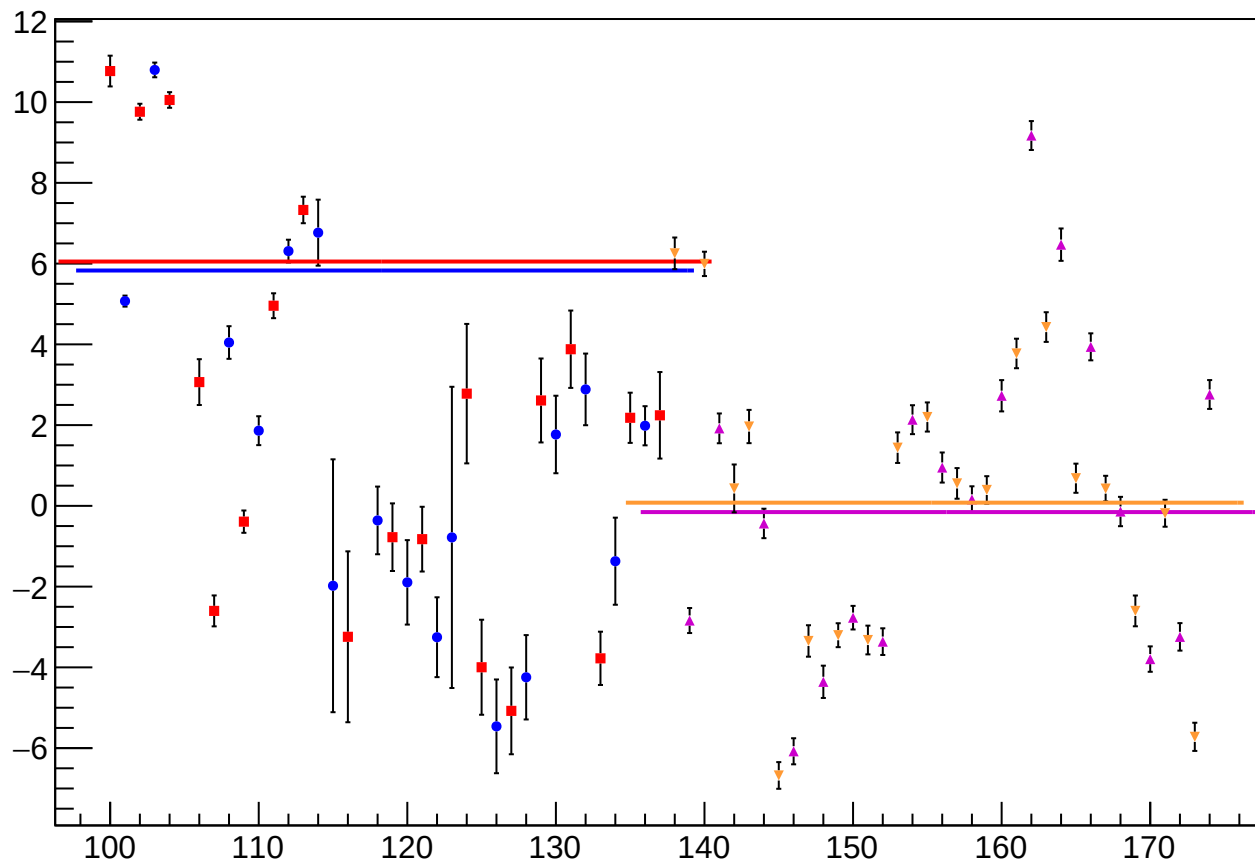
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.815 ± 0.041 χ^2/NDF : 16047.5/34

Out: -3.436 ± 0.042 χ^2/NDF : 21294.5/37

All: -3.118 ± 0.029 χ^2/NDF : 37454.0/72

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: 0.079 ± 0.082 $\chi^2/\text{NDF}: 1985.2/18$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: -0.154 ± 0.082 $\chi^2/\text{NDF}: 2218.3/17$

Left: -0.038 ± 0.058 $\chi^2/\text{NDF}: 4207.5/36$

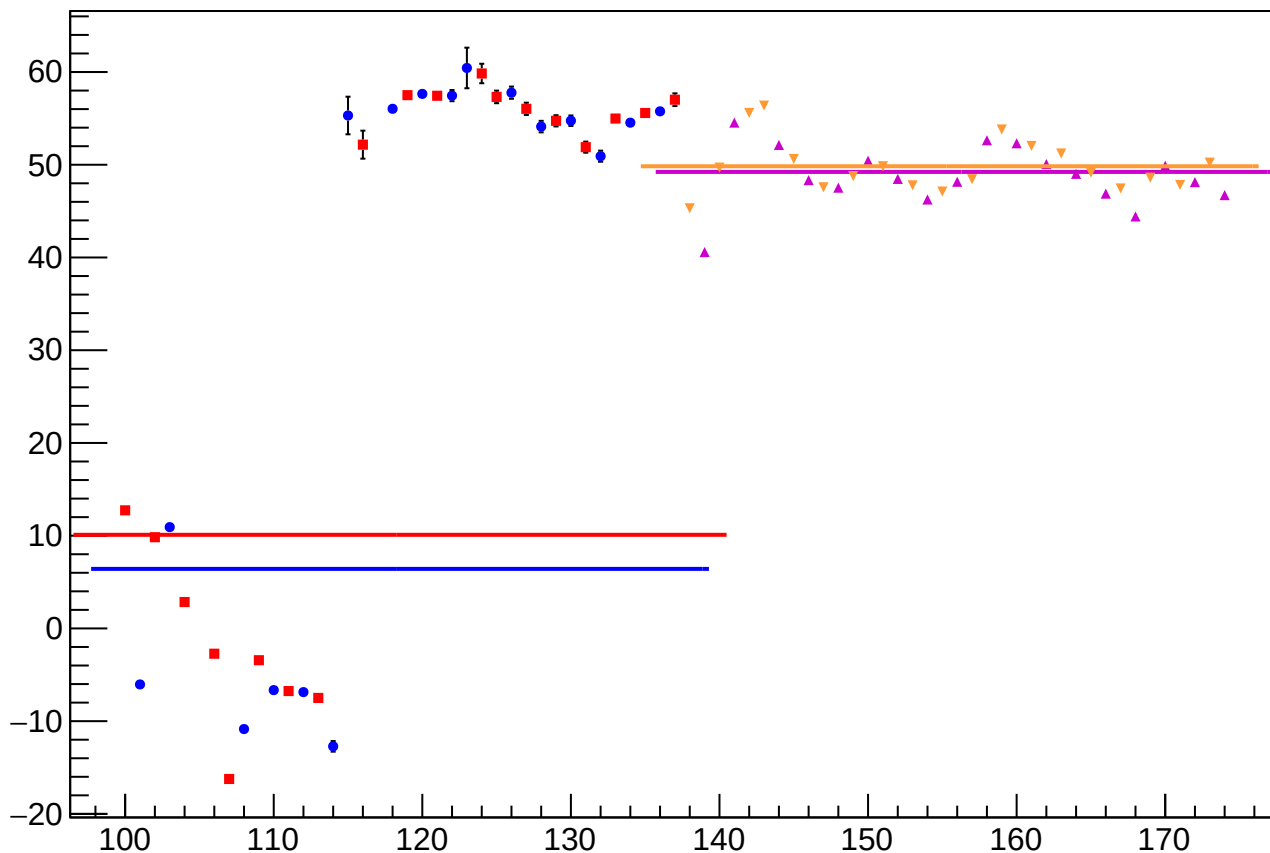
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 2.558 ± 0.060 $\chi^2/\text{NDF}: 6103.2/34$

Out: 2.688 ± 0.062 $\chi^2/\text{NDF}: 6966.8/37$

All: 2.622 ± 0.043 $\chi^2/\text{NDF}: 13072.3/72$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.837 ± 0.069 χ^2/NDF : 1388.1/18

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 49.227 ± 0.070 χ^2/NDF : 1506.6/17

Left: 49.538 ± 0.049 χ^2/NDF : 2933.1/36

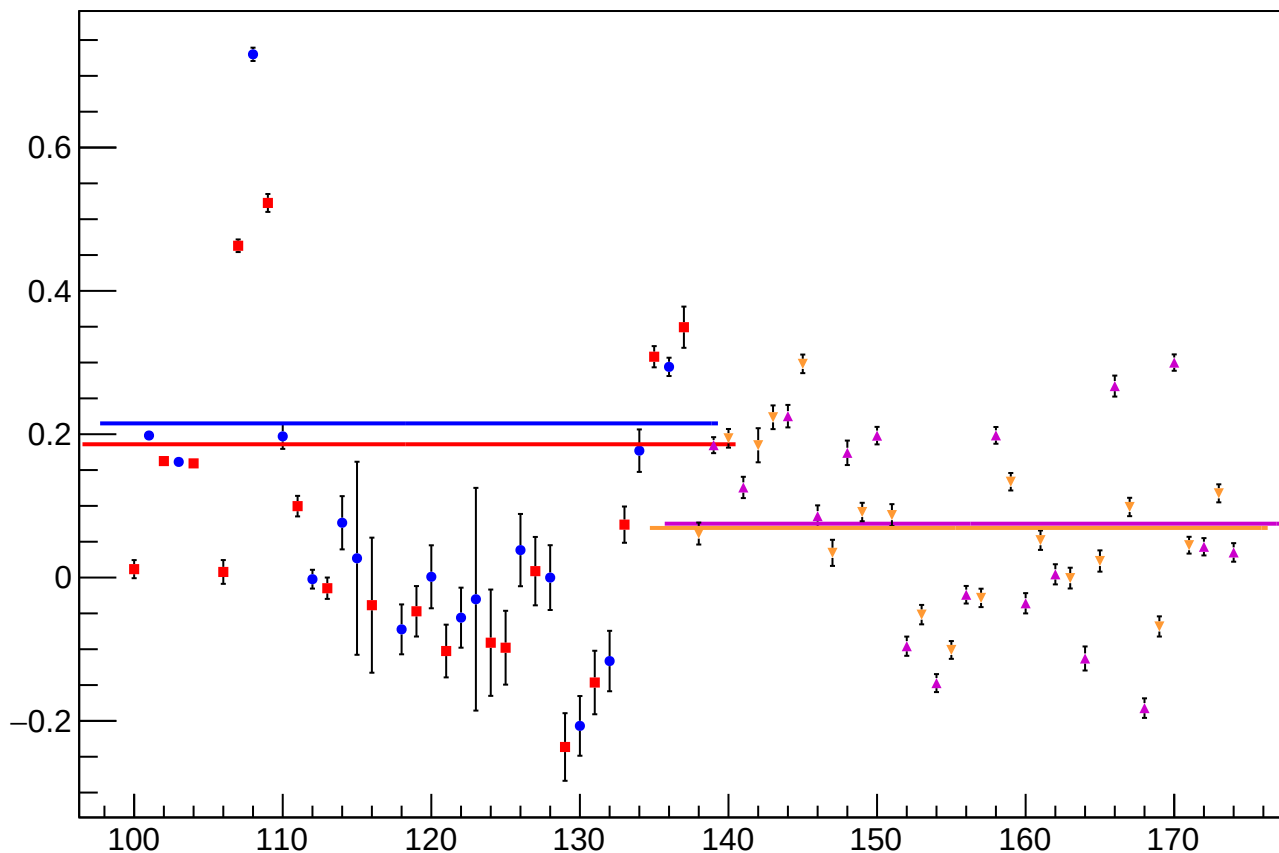
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 26.046 ± 0.048 χ^2/NDF : 325094.8/34

Out: 30.185 ± 0.049 χ^2/NDF : 287790.3/37

All: 28.056 ± 0.034 χ^2/NDF : 616551.3/72

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.069 ± 0.003 χ^2/NDF : 1030.8/18

Right Out: 0.186 ± 0.003 χ^2/NDF : 2719.3/18

Left In: 0.075 ± 0.003 χ^2/NDF : 2131.2/17

Left: 0.072 ± 0.002 χ^2/NDF : 3163.7/36

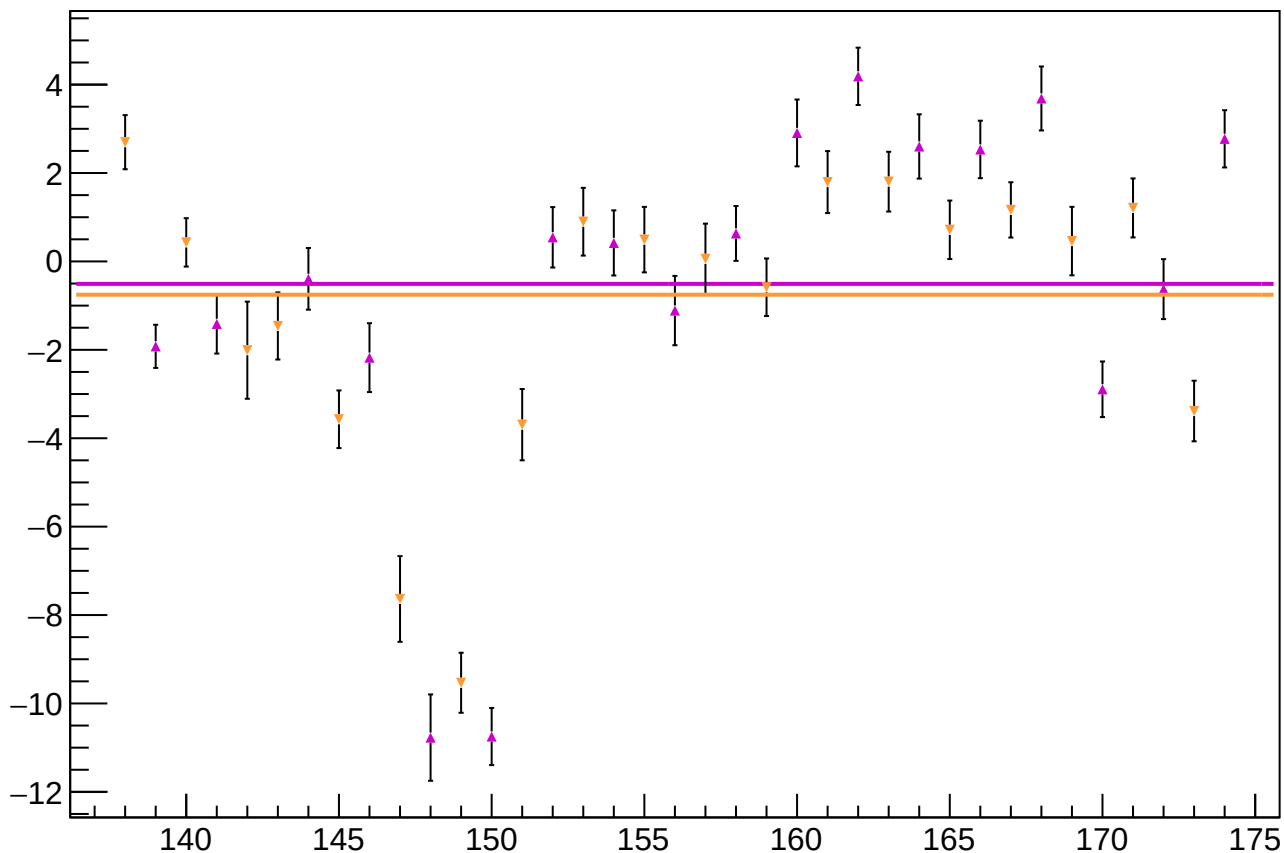
Right: 0.200 ± 0.002 χ^2/NDF : 6703.5/35

In: 0.154 ± 0.002 χ^2/NDF : 7174.2/34

Out: 0.137 ± 0.002 χ^2/NDF : 4537.5/37

All: 0.146 ± 0.001 χ^2/NDF : 11744.5/72

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.753 $\pm$ 0.162 χ^2 /NDF:364.4/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.508 $\pm$ 0.160 χ^2 /NDF:570.7/17

Left: -0.629 $\pm$ 0.114 χ^2 /NDF: 936.3/36

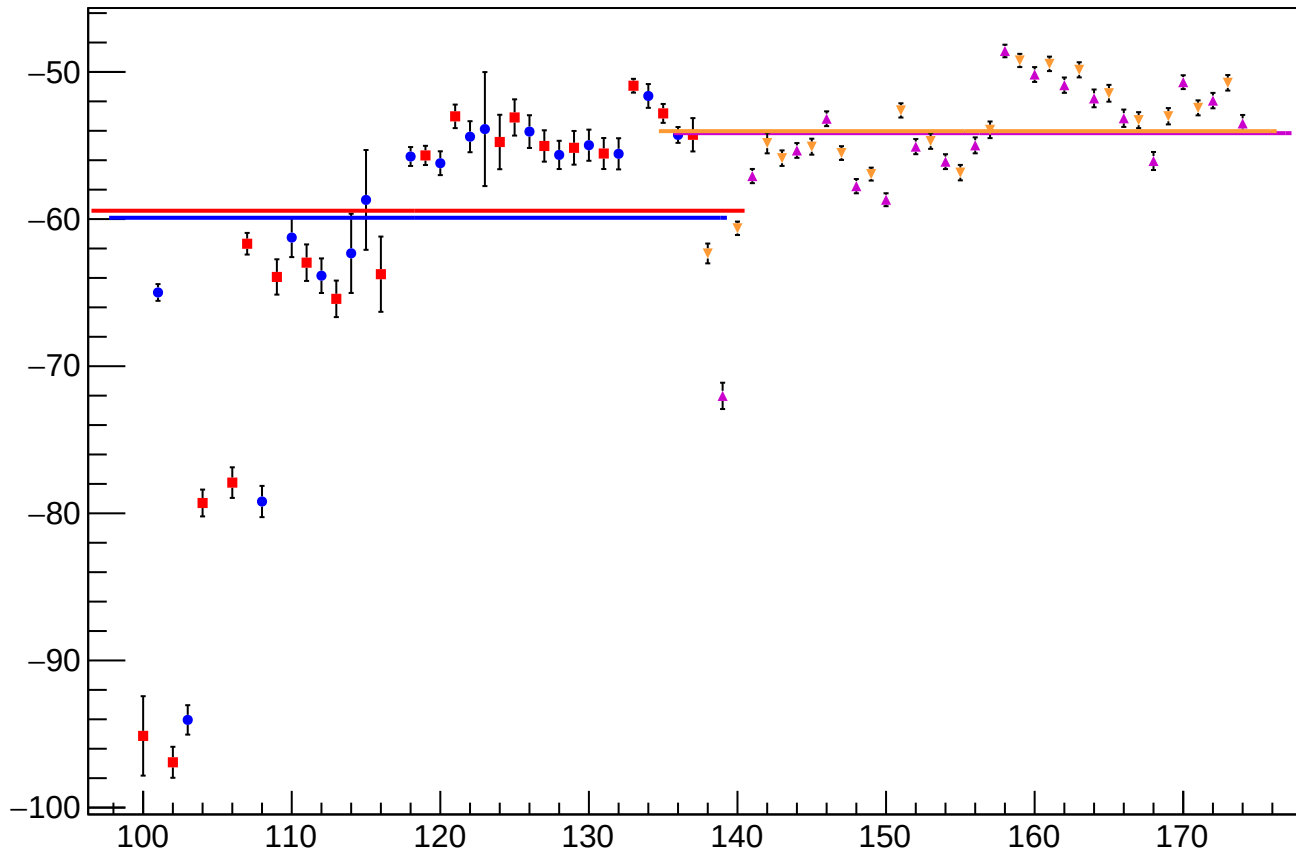
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.508 $\pm$ 0.160 χ^2 /NDF:570.7/17

Out: -0.753 $\pm$ 0.162 χ^2 /NDF:364.4/18

All: -0.629 $\pm$ 0.114 χ^2 /NDF: 936.3/36

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 $\chi^2/\text{NDF}: 1980.8/16$

Left Out: -54.024 ± 0.119 $\chi^2/\text{NDF}: 811.1/18$

Right Out: -59.432 ± 0.212 $\chi^2/\text{NDF}: 2918.9/18$

Left In: -54.160 ± 0.123 $\chi^2/\text{NDF}: 996.7/17$

Left: -54.090 ± 0.086 $\chi^2/\text{NDF}: 1808.5/36$

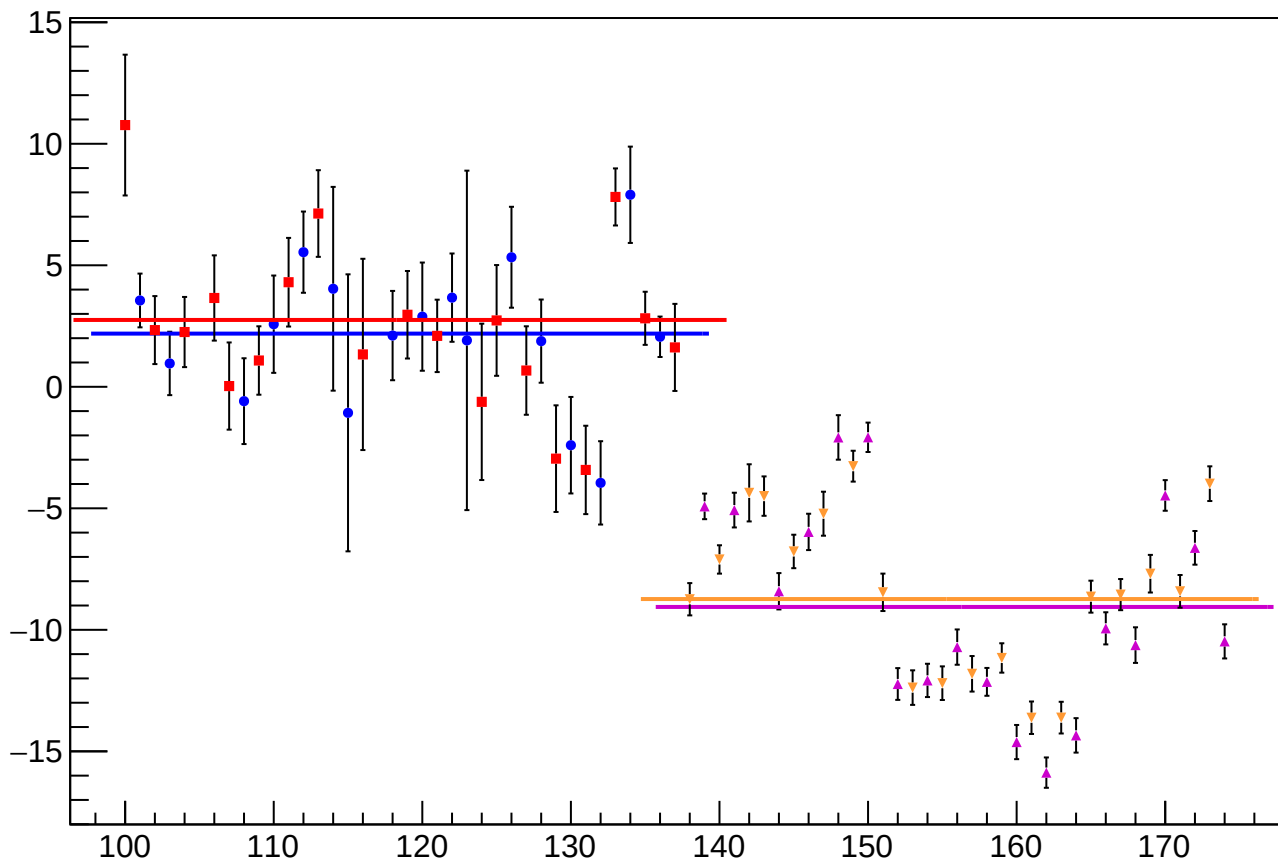
Right: -59.659 ± 0.154 $\chi^2/\text{NDF}: 4902.1/35$

In: -55.495 ± 0.108 $\chi^2/\text{NDF}: 3487.3/34$

Out: -55.327 ± 0.104 $\chi^2/\text{NDF}: 4225.6/37$

All: -55.408 ± 0.075 $\chi^2/\text{NDF}: 7714.1/72$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$

Left Out: -8.734 ± 0.161 $\chi^2/\text{NDF}: 387.2/18$

Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$

Left In: -9.059 ± 0.158 $\chi^2/\text{NDF}: 692.2/17$

Left: -8.898 ± 0.113 $\chi^2/\text{NDF}: 1081.4/36$

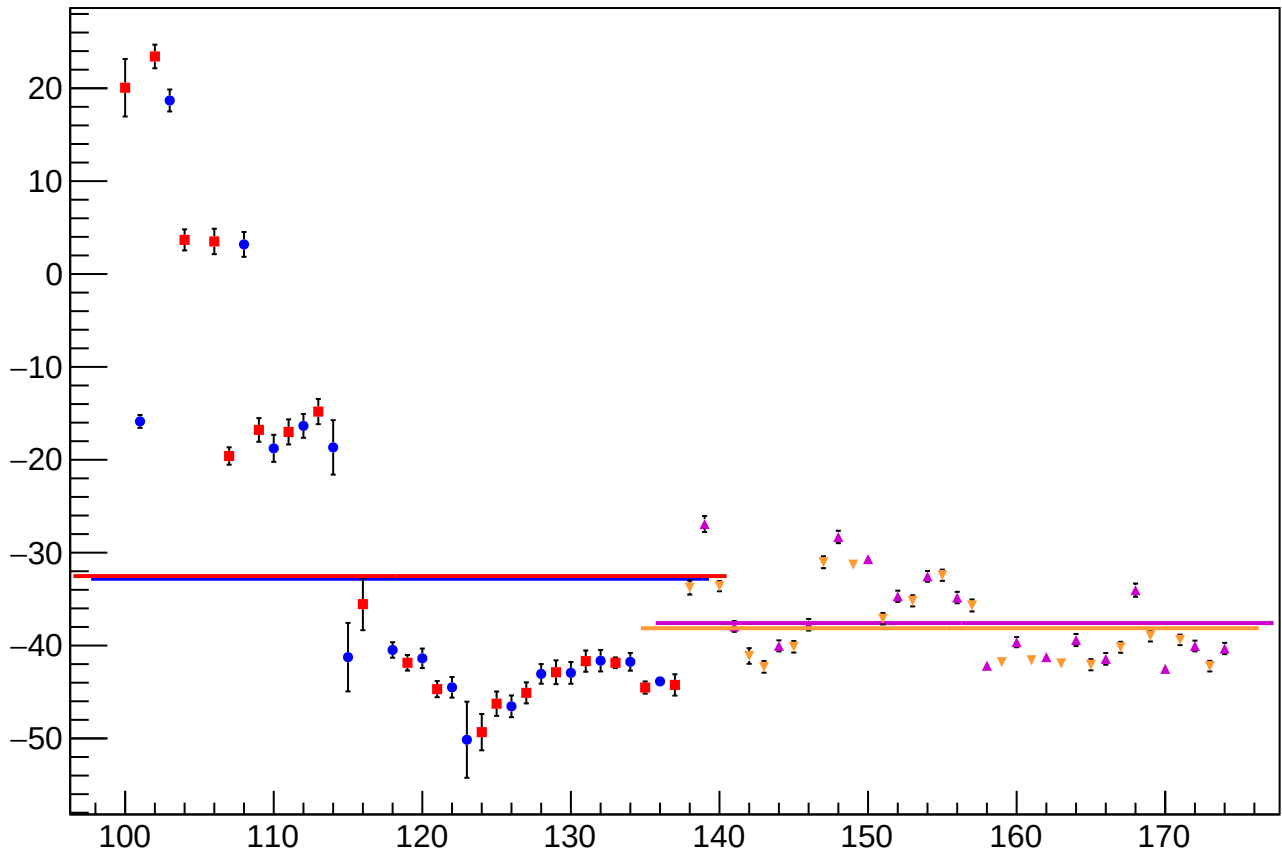
Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$

In: -7.563 ± 0.148 $\chi^2/\text{NDF}: 1401.5/34$

Out: -7.051 ± 0.148 $\chi^2/\text{NDF}: 1196.0/37$

All: -7.308 ± 0.105 $\chi^2/\text{NDF}: 2603.4/72$

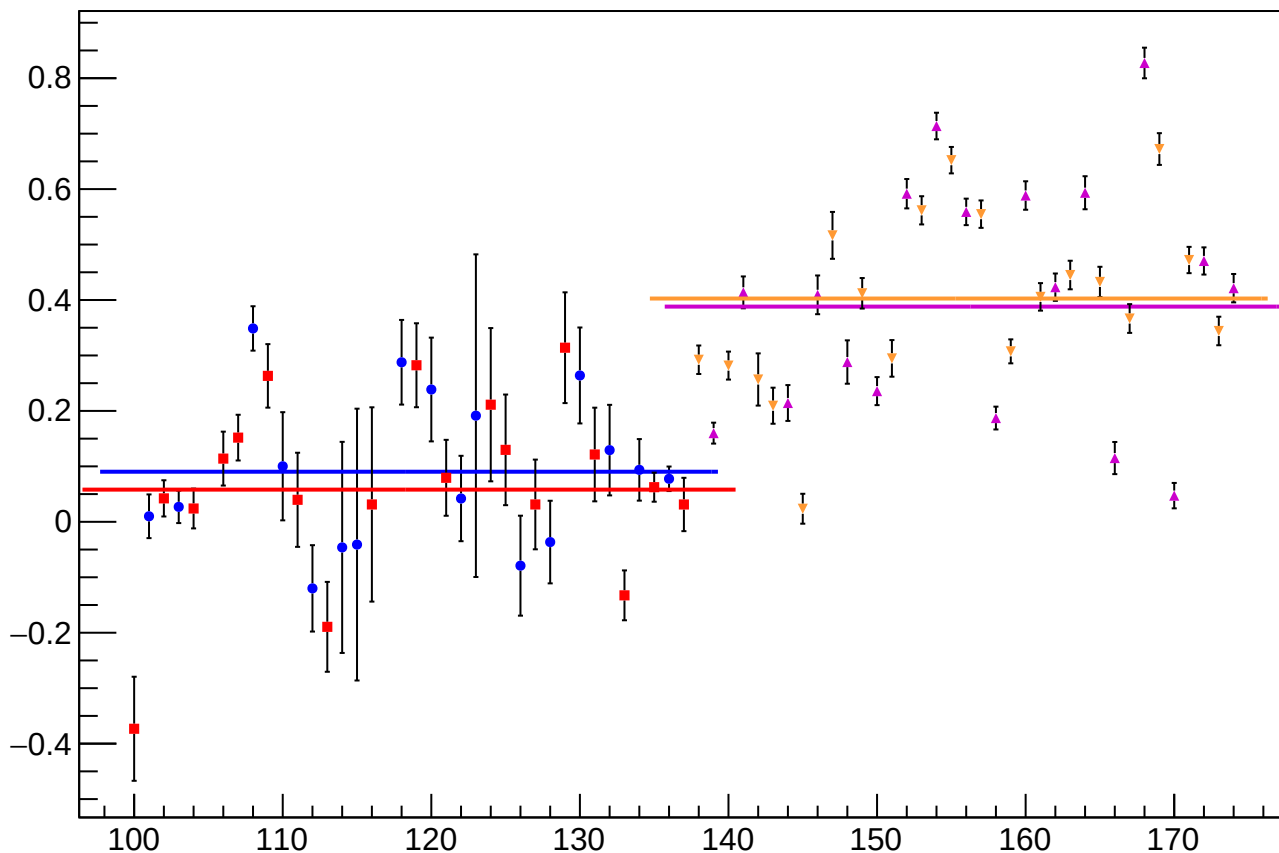
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$
 Left Out: -38.137 ± 0.136 $\chi^2/\text{NDF}: 854.9/18$
 Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$
 Left In: -37.578 ± 0.138 $\chi^2/\text{NDF}: 1027.4/17$

Left: -37.863 ± 0.097 $\chi^2/\text{NDF}: 1890.7/36$
 Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$
 In: -36.488 ± 0.122 $\chi^2/\text{NDF}: 5962.0/34$
 Out: -36.805 ± 0.119 $\chi^2/\text{NDF}: 7300.3/37$
 All: -36.650 ± 0.085 $\chi^2/\text{NDF}: 13265.7/72$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.403 ± 0.006 $\chi^2/\text{NDF}: 616.3/18$

Right Out: 0.058 ± 0.012 $\chi^2/\text{NDF}: 87.1/18$

Left In: 0.388 ± 0.006 $\chi^2/\text{NDF}: 1295.8/17$

Left: 0.395 ± 0.004 $\chi^2/\text{NDF}: 1914.9/36$

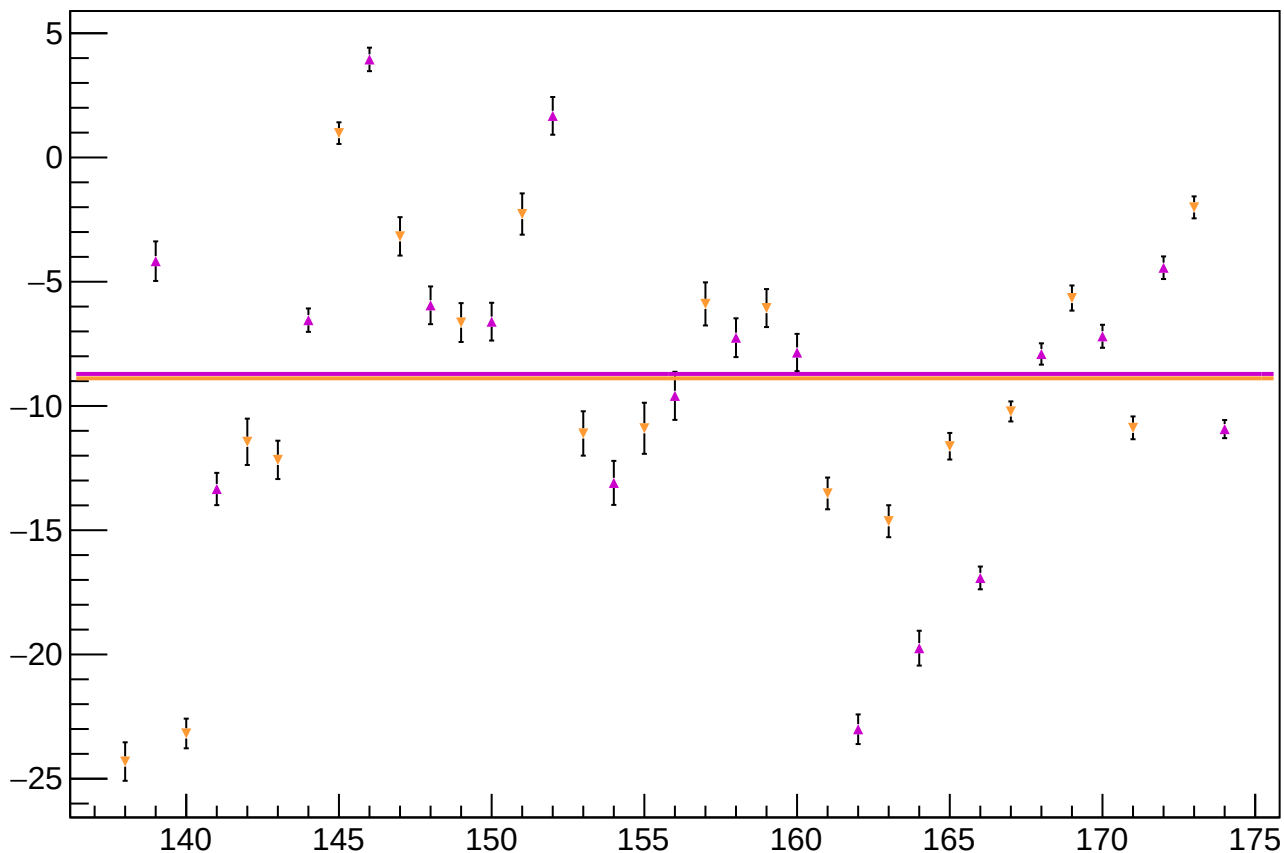
Right: 0.073 ± 0.009 $\chi^2/\text{NDF}: 169.9/35$

In: 0.333 ± 0.005 $\chi^2/\text{NDF}: 1821.3/34$

Out: 0.332 ± 0.006 $\chi^2/\text{NDF}: 1343.4/37$

All: 0.332 ± 0.004 $\chi^2/\text{NDF}: 3164.8/72$

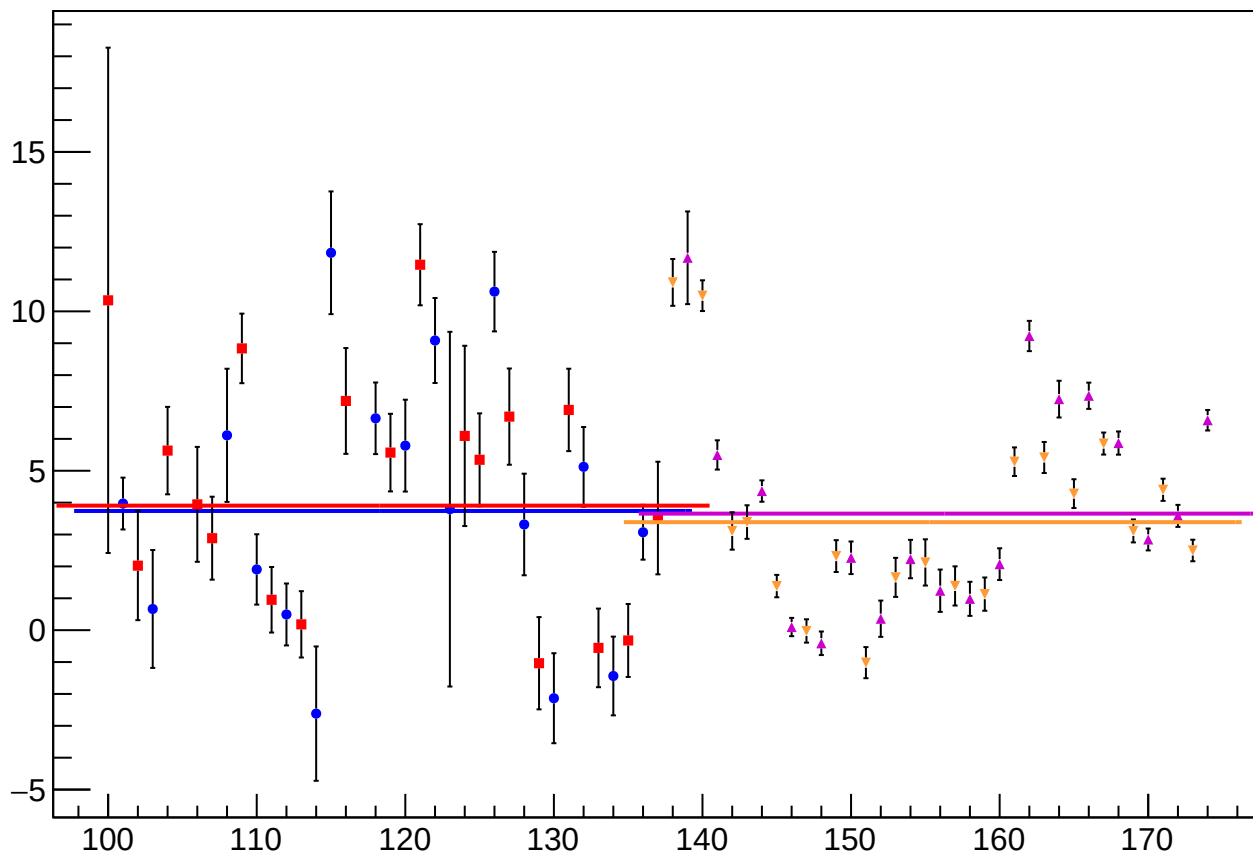
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.887+/-0.140 χ^2/NDF :2141.1/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.710+/-0.134 χ^2/NDF :2342.9/17

Left: -8.795+/-0.097 χ^2/NDF : 4484.8/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.710+/-0.134 χ^2/NDF :2342.9/17
 Out: -8.887+/-0.140 χ^2/NDF :2141.1/18
 All: -8.795+/-0.097 χ^2/NDF : 4484.8/36

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 $\chi^2/\text{NDF}: 136.9/16$

Left Out: 3.388 ± 0.103 $\chi^2/\text{NDF}: 674.0/18$

Right Out: 3.906 ± 0.316 $\chi^2/\text{NDF}: 135.5/18$

Left In: 3.656 ± 0.100 $\chi^2/\text{NDF}: 803.7/17$

Left: 3.526 ± 0.072 $\chi^2/\text{NDF}: 1481.2/36$

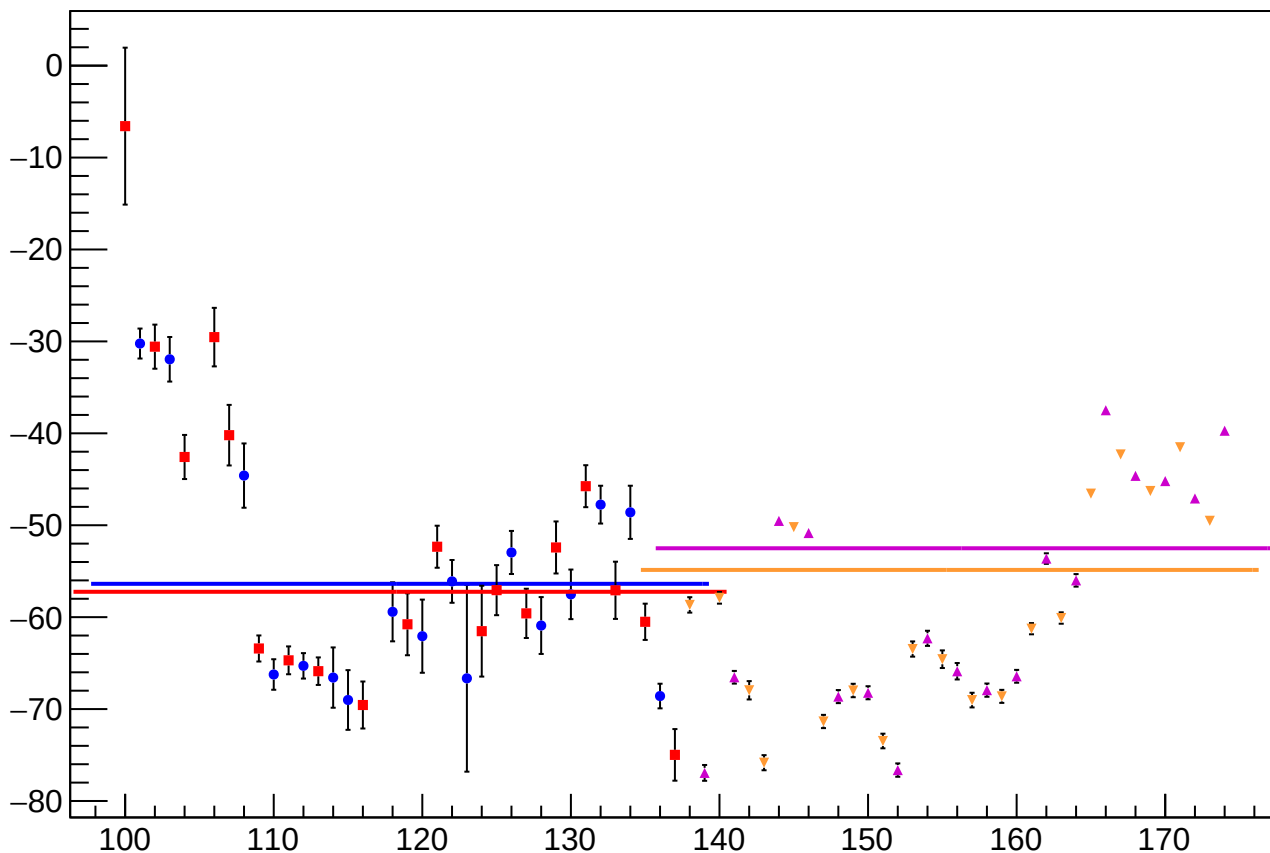
Right: 3.821 ± 0.221 $\chi^2/\text{NDF}: 272.5/35$

In: 3.664 ± 0.095 $\chi^2/\text{NDF}: 940.6/34$

Out: 3.437 ± 0.098 $\chi^2/\text{NDF}: 812.0/37$

All: 3.554 ± 0.068 $\chi^2/\text{NDF}: 1755.3/72$

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -54.861 ± 0.141 χ^2/NDF : 5866.6/18

Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18

Left In: -52.506 ± 0.134 χ^2/NDF : 7418.9/17

Left: -53.628 ± 0.097 χ^2/NDF : 13432.1/36

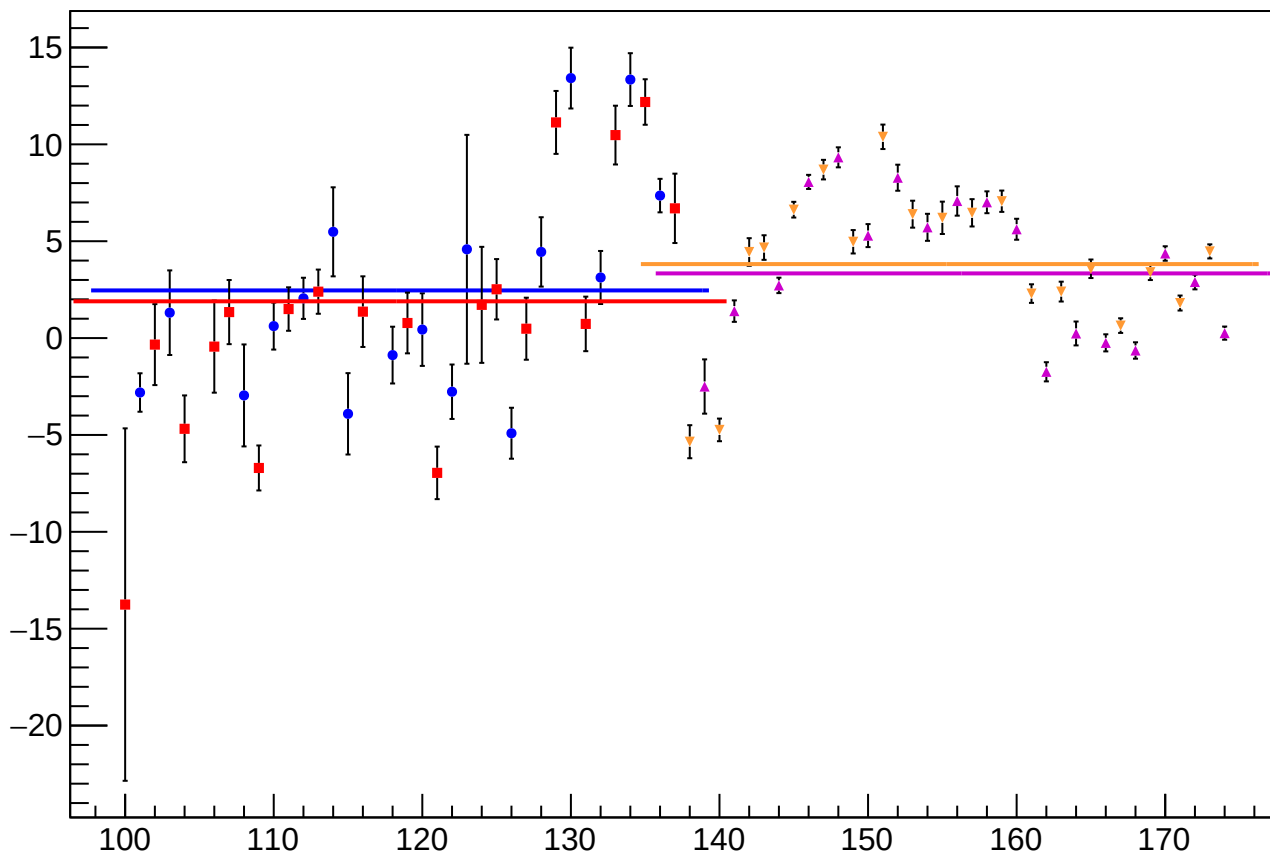
Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35

In: -52.728 ± 0.130 χ^2/NDF : 8054.3/34

Out: -55.014 ± 0.136 χ^2/NDF : 6361.4/37

All: -53.822 ± 0.094 χ^2/NDF : 14562.8/72

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2/NDF : 243.9/16

Left Out: 3.819 $\pm$ 0.117 χ^2/NDF :776.4/18

Right Out: 1.898 $\pm$ 0.355 χ^2/NDF : 268.1/18

Left In: 3.338 $\pm$ 0.114 χ^2/NDF :871.7/17

Left: 3.572 $\pm$ 0.082 χ^2/NDF : 1656.8/36

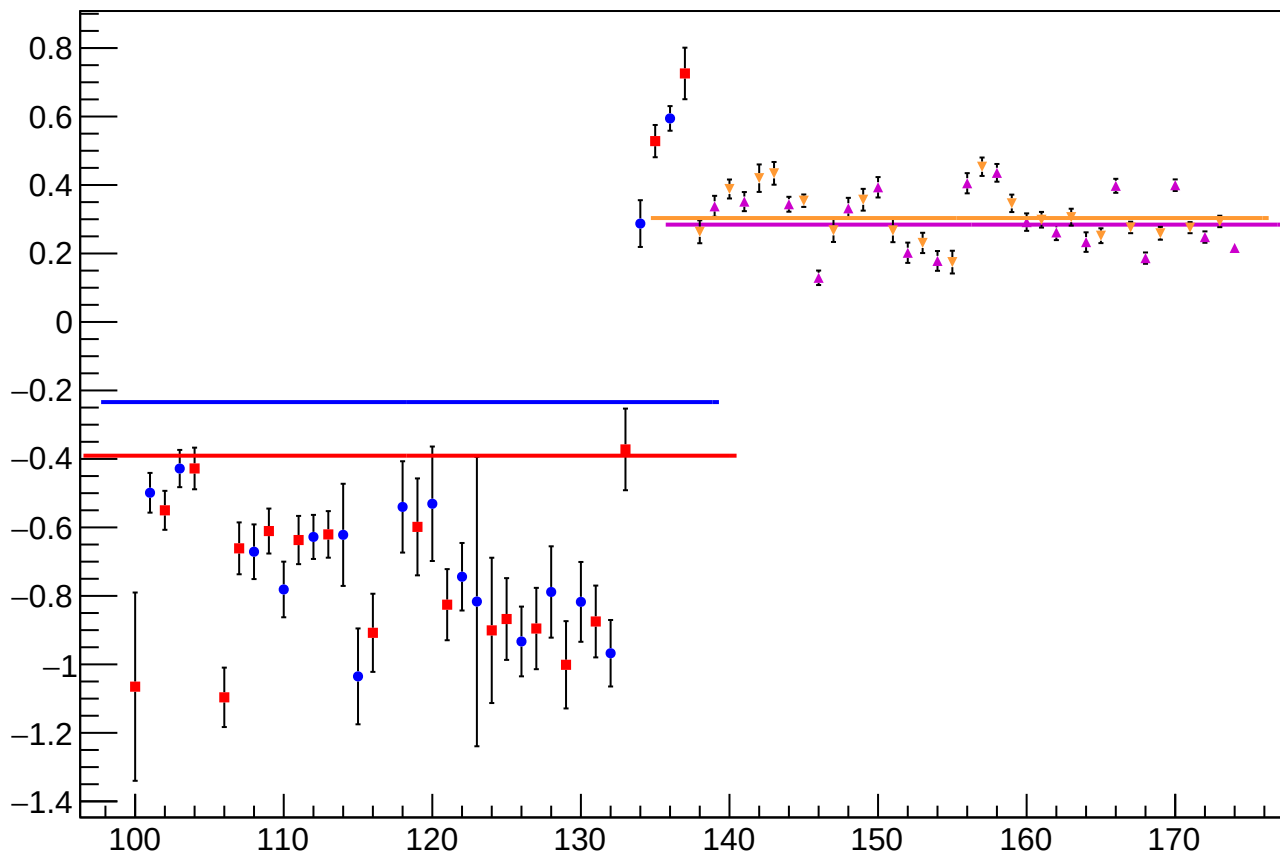
Right: 2.186 $\pm$ 0.248 χ^2/NDF : 513.3/35

In: 3.252 $\pm$ 0.108 χ^2/NDF :1121.5/34

Out: 3.630 $\pm$ 0.111 χ^2/NDF :1070.9/37

All: 3.436 $\pm$ 0.078 χ^2/NDF : 2198.3/72

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.304 ± 0.005 χ^2/NDF : 119.9/18

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.284 ± 0.005 χ^2/NDF : 301.4/17

Left: 0.294 ± 0.004 χ^2/NDF : 427.9/36

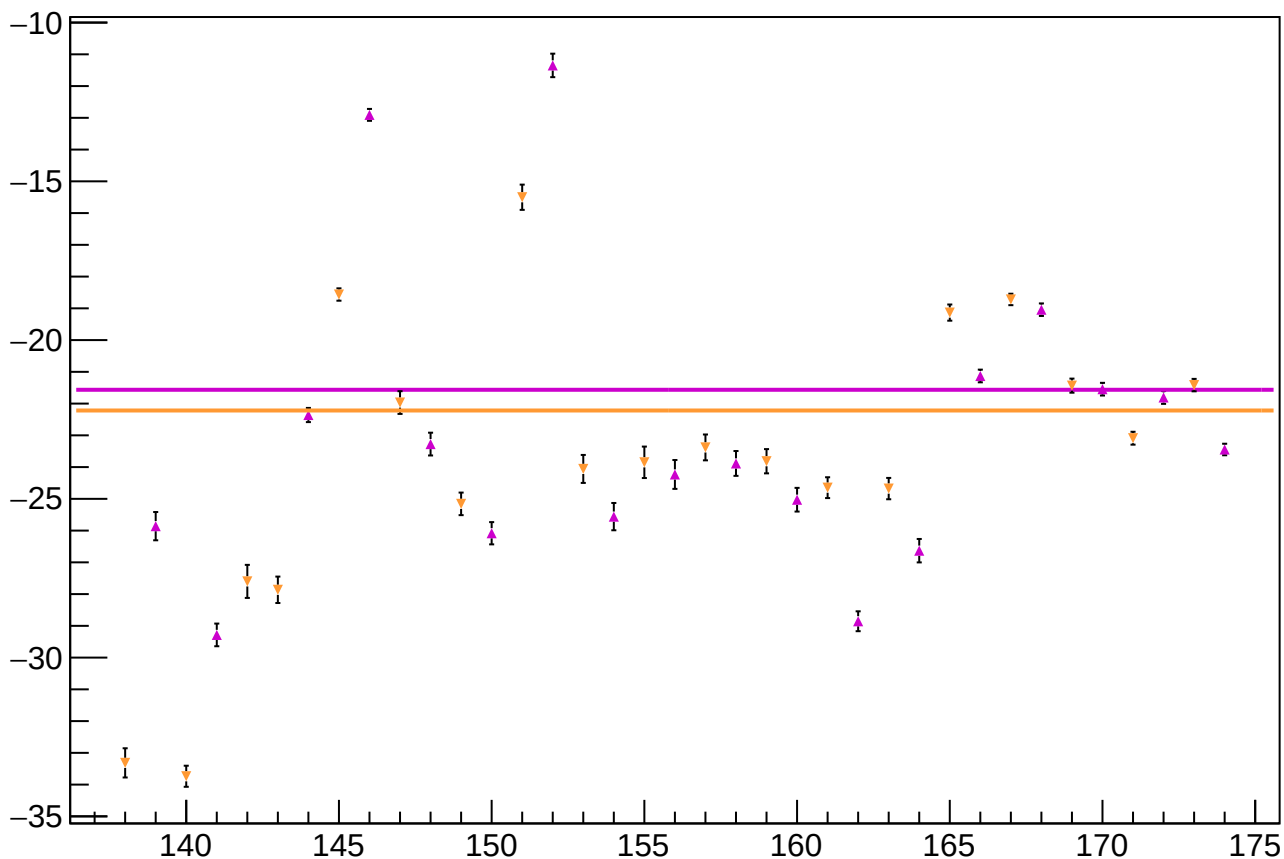
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.247 ± 0.005 χ^2/NDF : 1958.6/34

Out: 0.251 ± 0.005 χ^2/NDF : 2211.2/37

All: 0.249 ± 0.004 χ^2/NDF : 4170.1/72

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



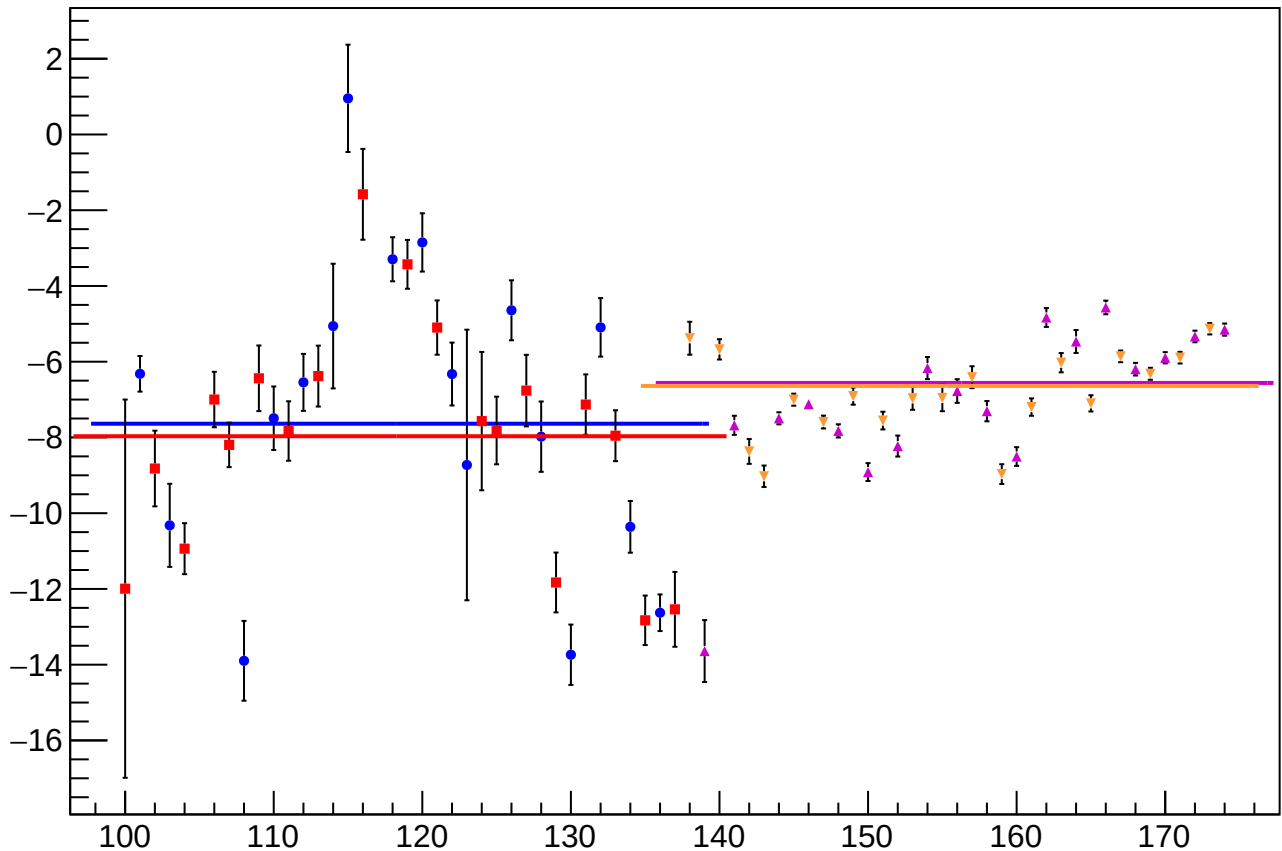
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -22.217+/-0.066 χ^2/NDF : 3515.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -21.565+/-0.062 χ^2/NDF : 4909.2/17

Left: -21.872+/-0.045 χ^2/NDF : 8475.9/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -21.565+/-0.062 χ^2/NDF : 4909.2/17
 Out: -22.217+/-0.066 χ^2/NDF : 3515.3/18

All: -21.872+/-0.045 χ^2/NDF : 8475.9/36

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -6.640 ± 0.049 χ^2/NDF : 427.2/18

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -6.561 ± 0.046 χ^2/NDF : 762.7/17

Left: -6.598 ± 0.034 χ^2/NDF : 1191.3/36

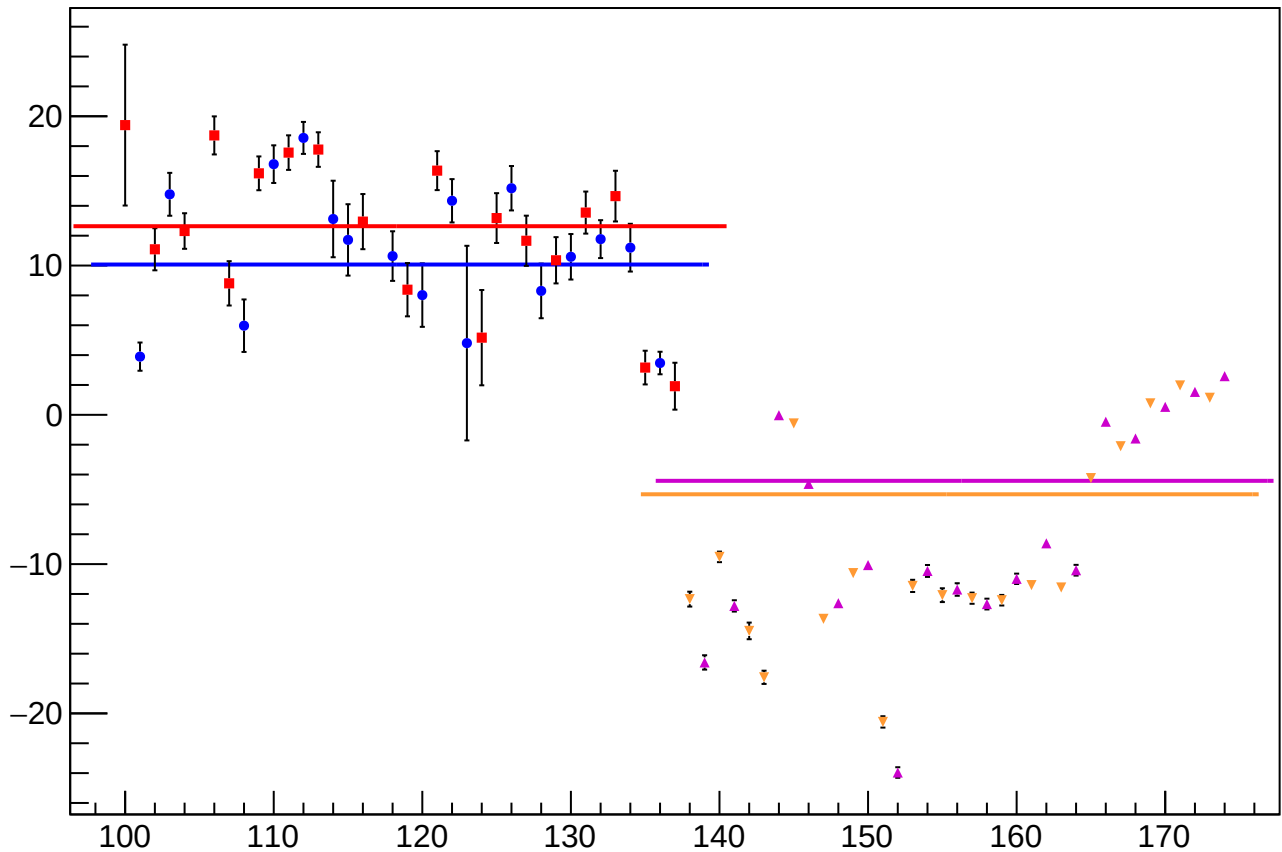
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -6.623 ± 0.045 χ^2/NDF : 1188.2/34

Out: -6.725 ± 0.047 χ^2/NDF : 702.3/37

All: -6.672 ± 0.032 χ^2/NDF : 1892.9/72

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -5.322 ± 0.066 $\chi^2/\text{NDF}: 9674.7/18$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -4.421 ± 0.063 $\chi^2/\text{NDF}: 10574.9/17$

Left: -4.846 ± 0.045 $\chi^2/\text{NDF}: 20347.3/36$

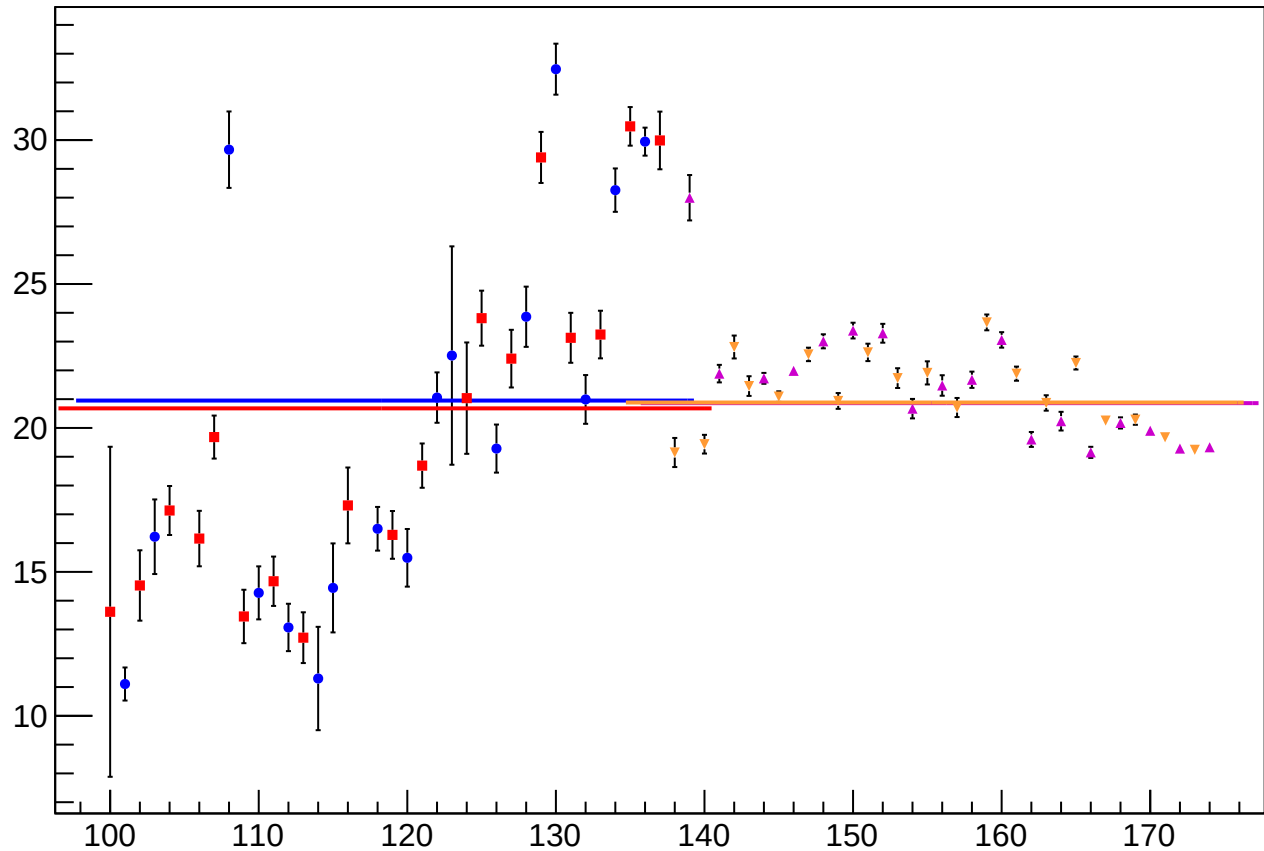
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -3.940 ± 0.061 $\chi^2/\text{NDF}: 12611.2/34$

Out: -4.636 ± 0.065 $\chi^2/\text{NDF}: 12701.0/37$

All: -4.269 ± 0.045 $\chi^2/\text{NDF}: 25372.7/72$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.883 $\pm$ 0.055 χ^2 /NDF: 490.8/18

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.862 $\pm$ 0.053 χ^2 /NDF: 791.2/17

Left: 20.872 $\pm$ 0.038 χ^2 /NDF: 1282.0/36

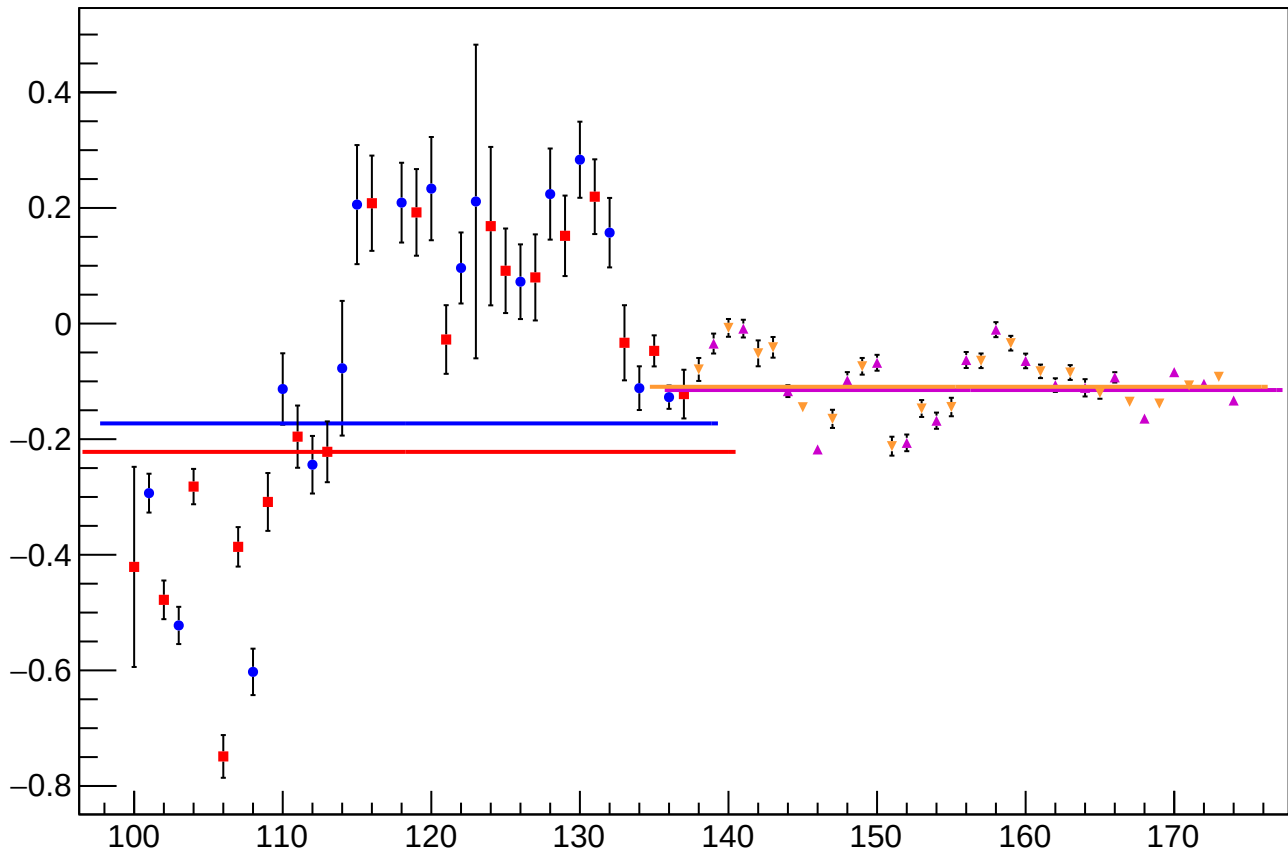
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.867 $\pm$ 0.051 χ^2 /NDF: 2014.1/34

Out: 20.870 $\pm$ 0.054 χ^2 /NDF: 1220.1/37

All: 20.869 $\pm$ 0.037 χ^2 /NDF: 3234.2/72

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.109 ± 0.003 χ^2/NDF : 243.7/18

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.115 ± 0.002 χ^2/NDF : 455.9/17

Left: -0.112 ± 0.002 χ^2/NDF : 702.1/36

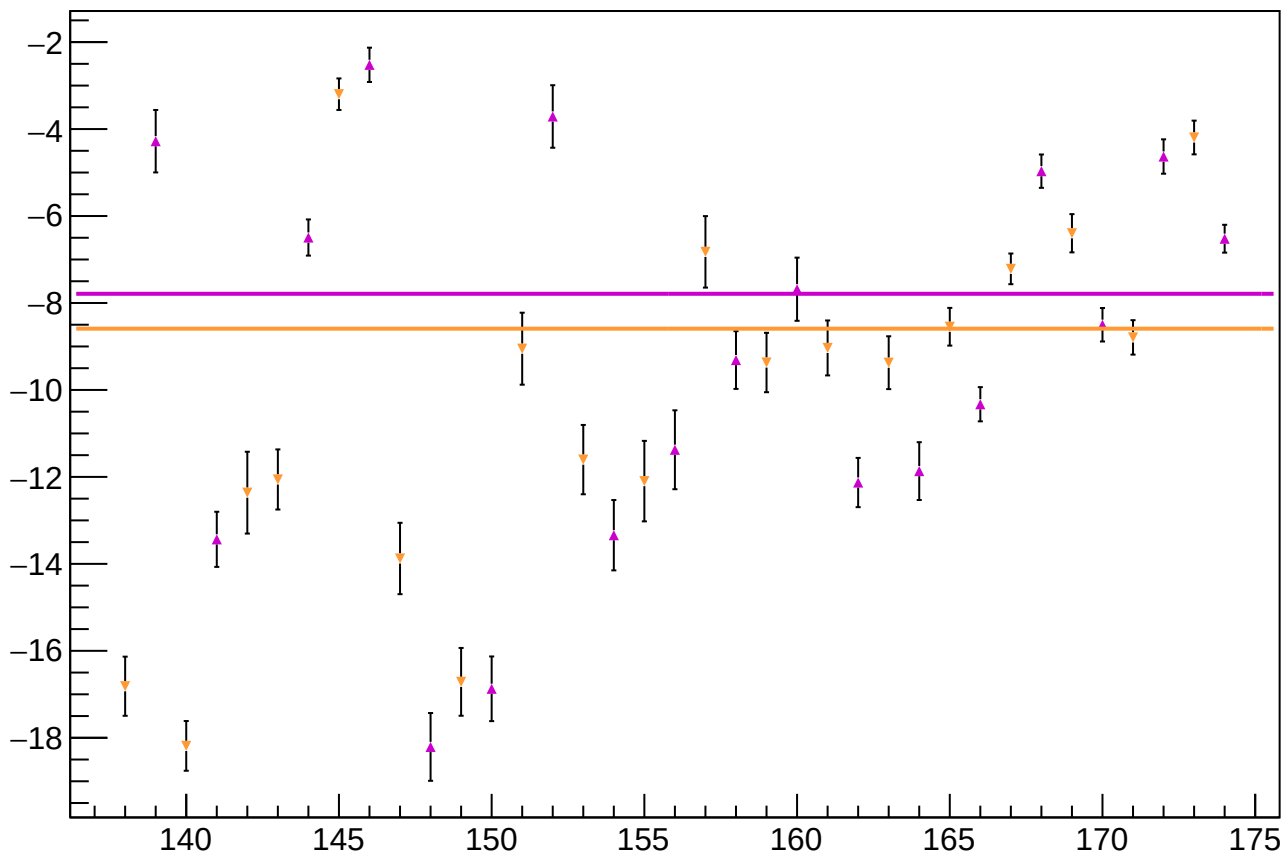
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.118 ± 0.002 χ^2/NDF : 941.6/34

Out: -0.115 ± 0.002 χ^2/NDF : 880.6/37

All: -0.116 ± 0.002 χ^2/NDF : 1822.7/72

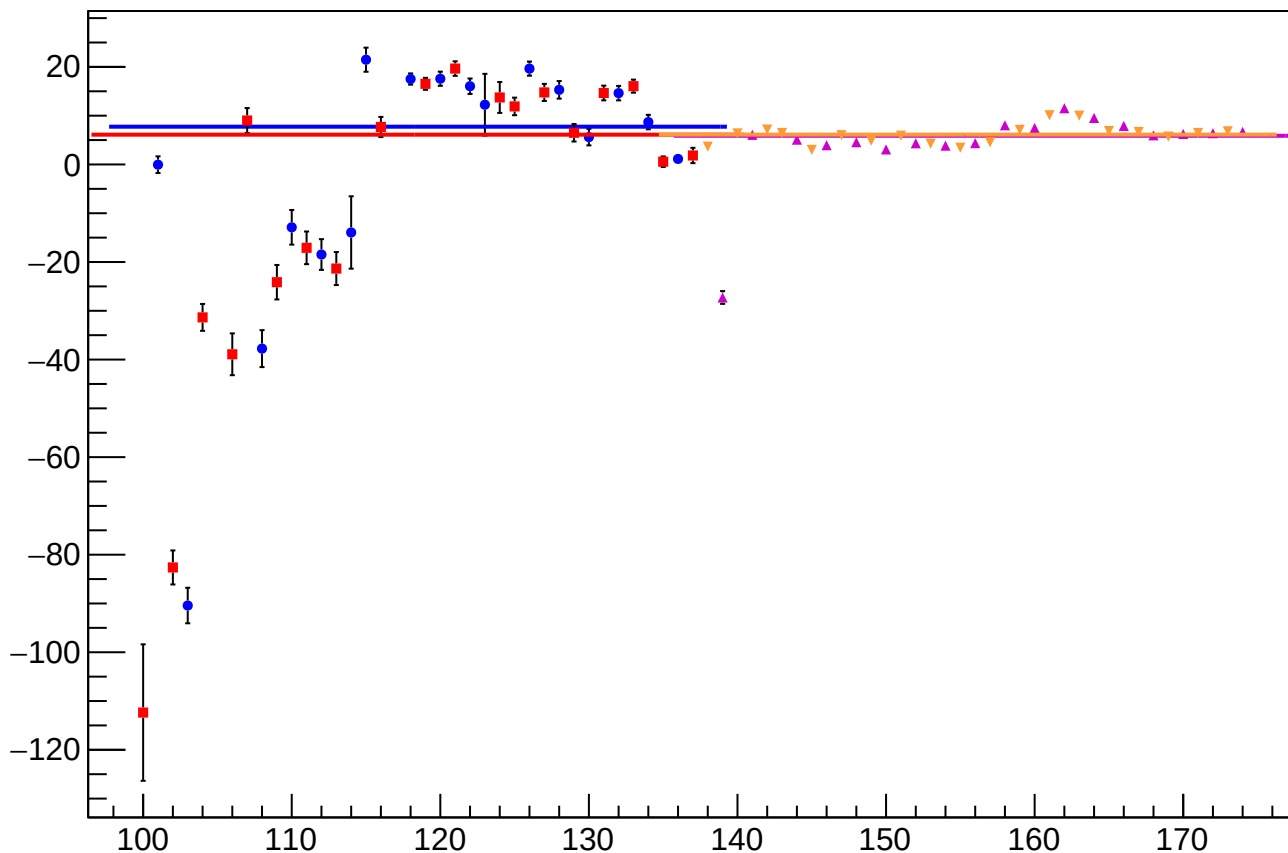
reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.591 ± 0.125 χ^2/NDF : 1045.8/18
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.789 ± 0.119 χ^2/NDF : 994.2/17

Left: -8.170 ± 0.086 χ^2/NDF : 2061.6/36
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -7.789 ± 0.119 χ^2/NDF : 994.2/17
 Out: -8.591 ± 0.125 χ^2/NDF : 1045.8/18
 All: -8.170 ± 0.086 χ^2/NDF : 2061.6/36

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 6.121 ± 0.093 $\chi^2/\text{NDF}: 350.8/18$

Right Out: 6.106 ± 0.433 $\chi^2/\text{NDF}: 1517.7/18$

Left In: 5.883 ± 0.090 $\chi^2/\text{NDF}: 1061.1/17$

Left: 5.998 ± 0.065 $\chi^2/\text{NDF}: 1415.4/36$

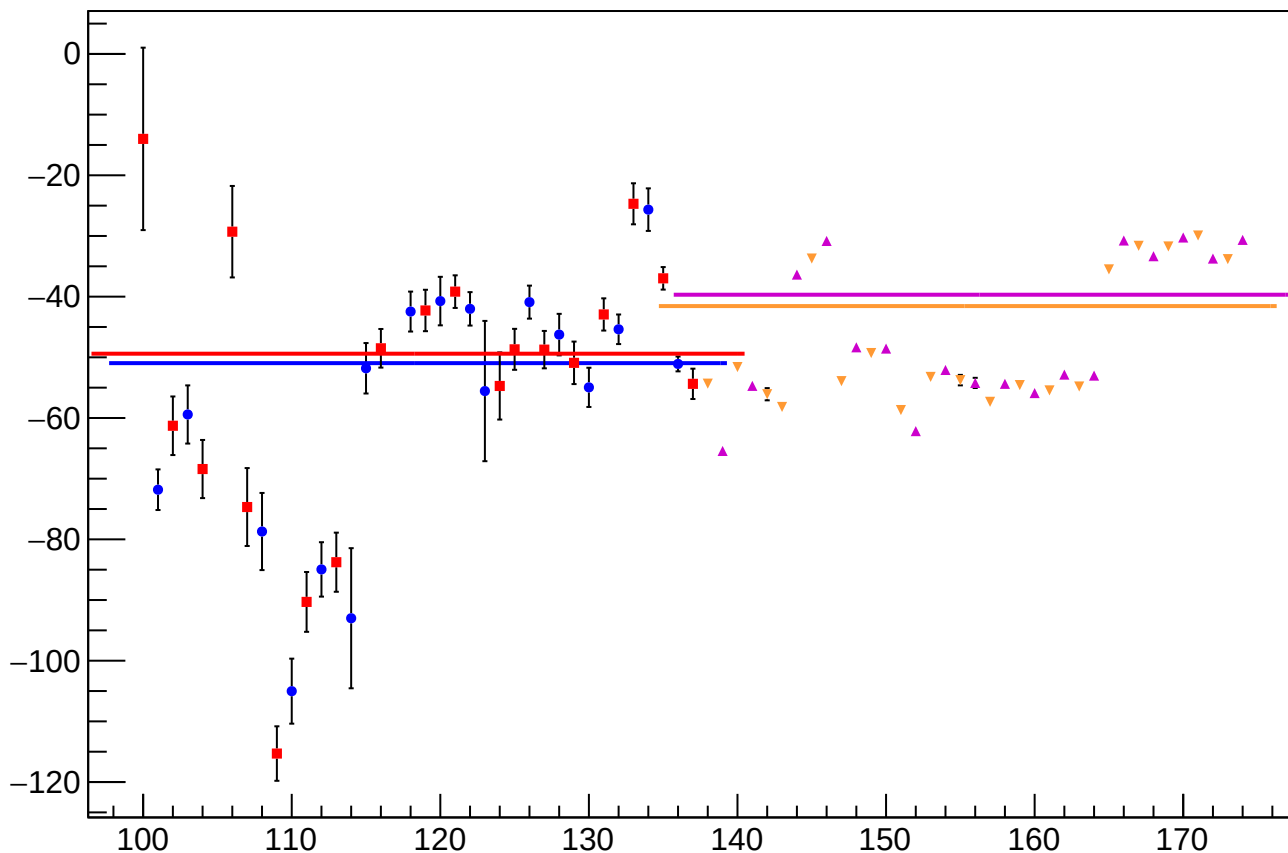
Right: 6.984 ± 0.295 $\chi^2/\text{NDF}: 2884.3/35$

In: 5.971 ± 0.088 $\chi^2/\text{NDF}: 2440.3/34$

Out: 6.120 ± 0.091 $\chi^2/\text{NDF}: 1868.6/37$

All: 6.043 ± 0.063 $\chi^2/\text{NDF}: 4310.3/72$

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: -41.556 ± 0.126 χ^2/NDF : 7559.5/18

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -39.683 ± 0.120 χ^2/NDF : 8555.0/17

Left: -40.572 ± 0.087 χ^2/NDF : 16230.5/36

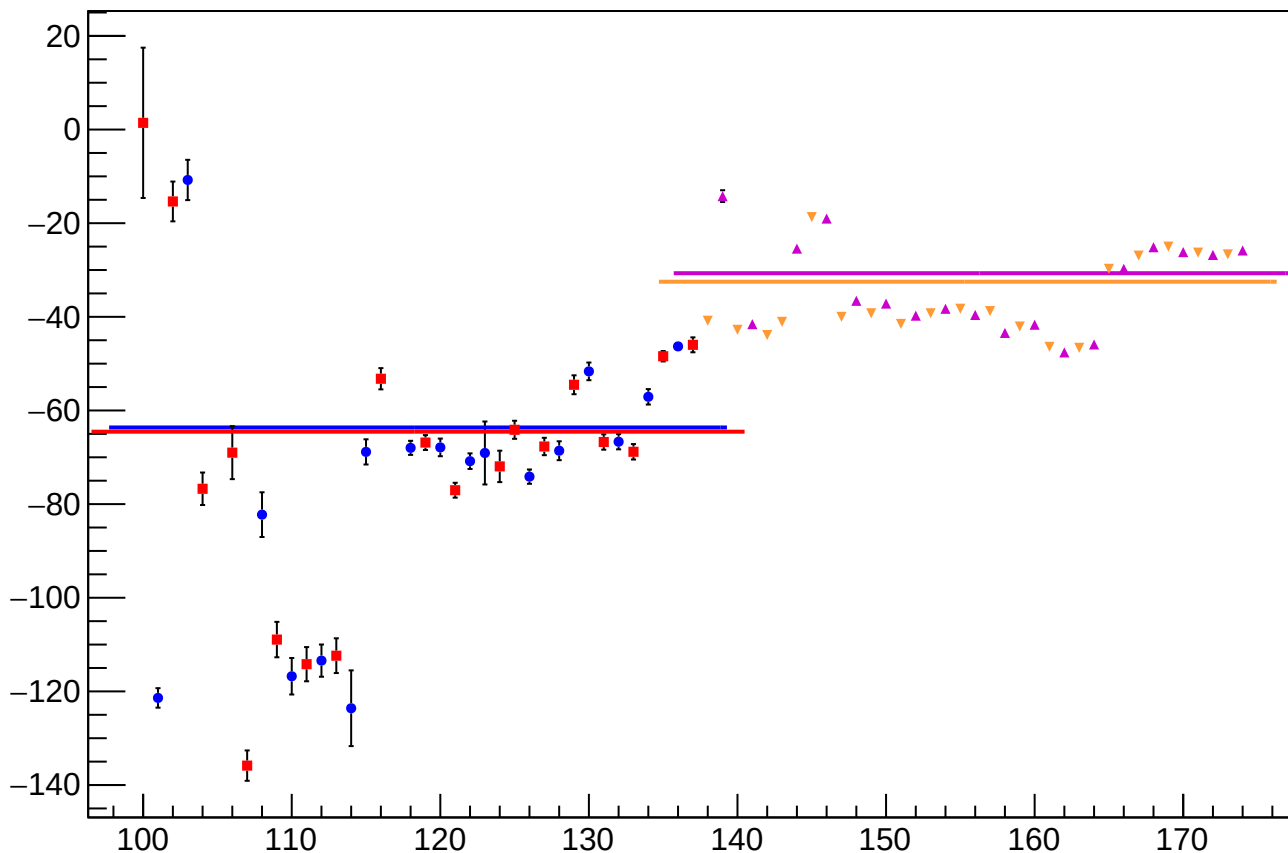
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -39.972 ± 0.118 χ^2/NDF : 9114.1/34

Out: -41.747 ± 0.125 χ^2/NDF : 8166.1/37

All: -40.814 ± 0.086 χ^2/NDF : 17387.1/72

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -32.498 ± 0.105 χ^2/NDF : 7001.9/18

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.682 ± 0.102 χ^2/NDF : 6880.7/17

Left: -31.562 ± 0.073 χ^2/NDF : 14035.7/36

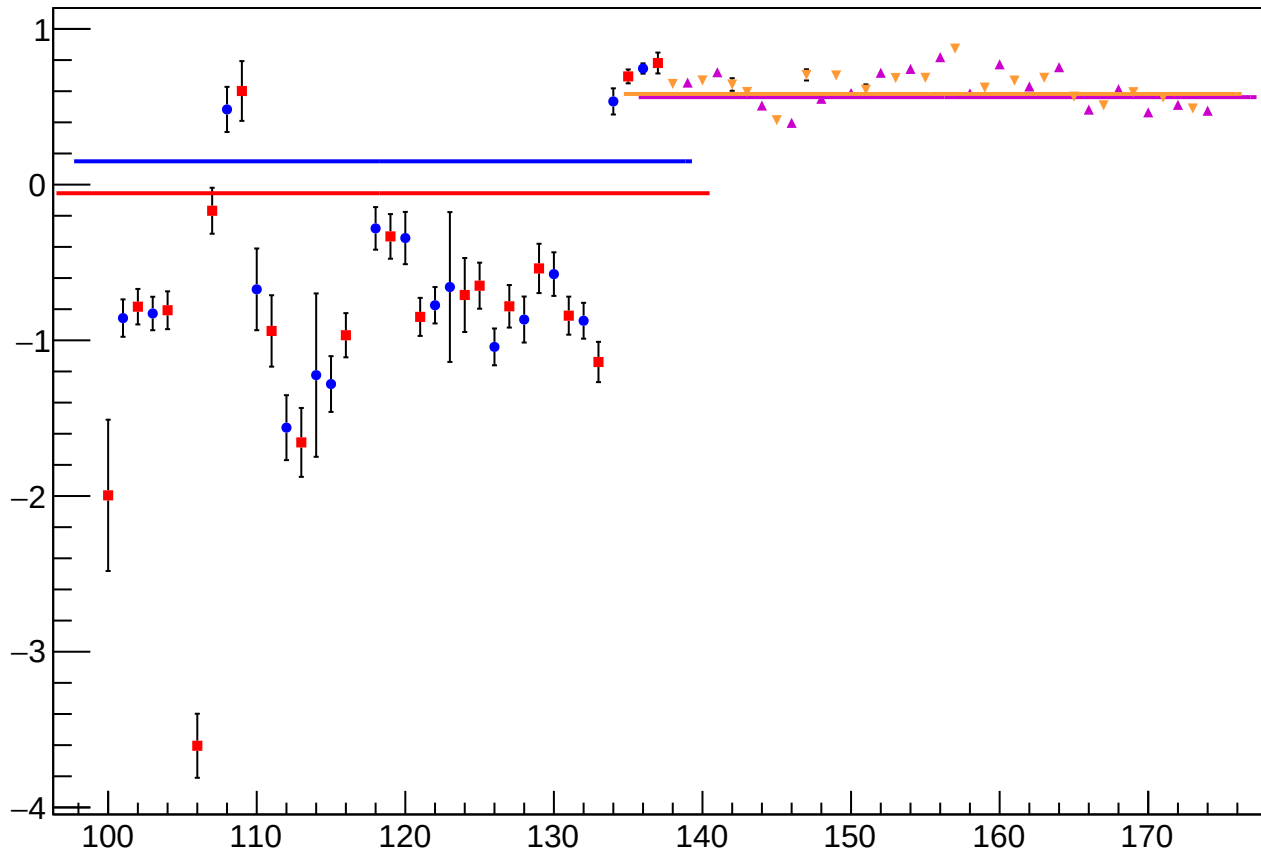
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -32.327 ± 0.100 χ^2/NDF : 14080.9/34

Out: -33.961 ± 0.103 χ^2/NDF : 12828.9/37

All: -33.117 ± 0.072 χ^2/NDF : 27039.9/72

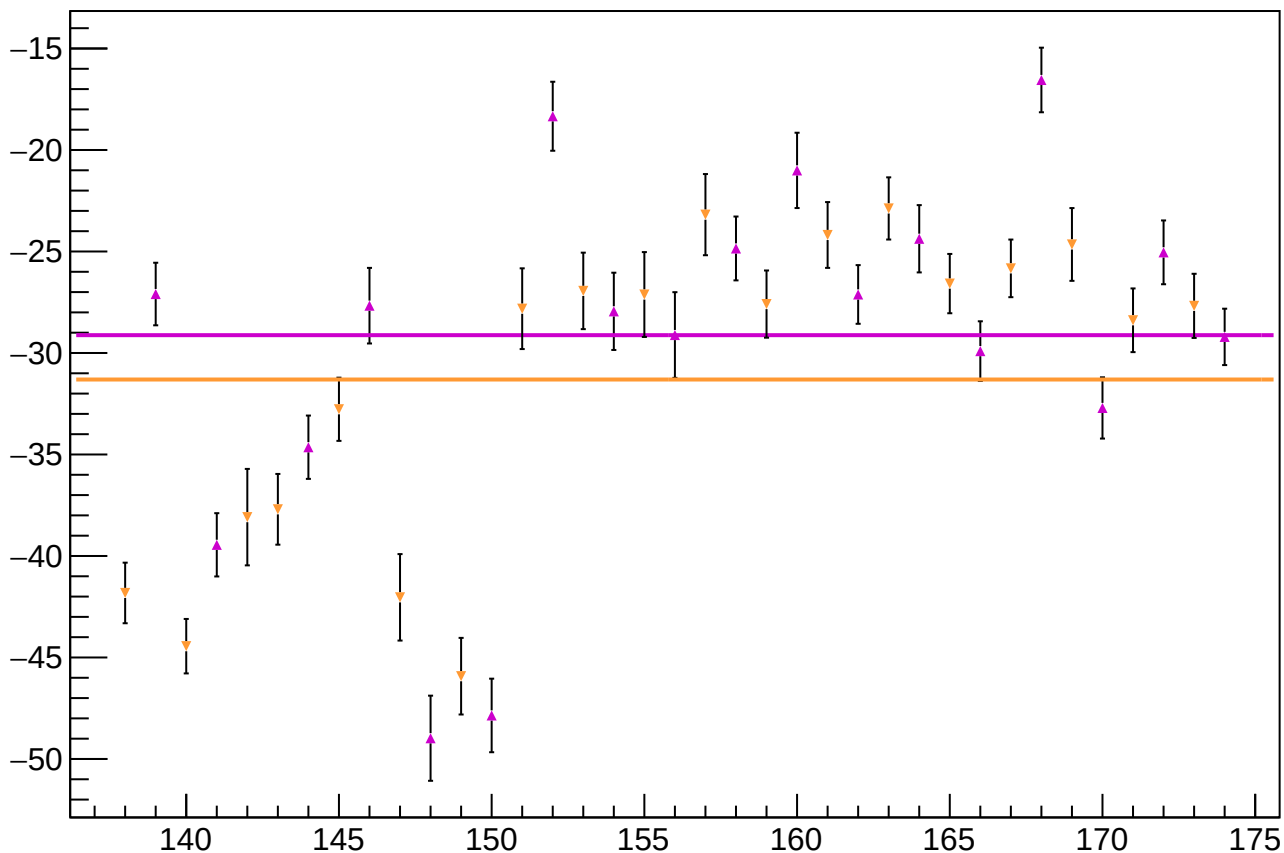
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.582 ± 0.005 $\chi^2/\text{NDF}: 431.8/18$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.562 ± 0.005 $\chi^2/\text{NDF}: 579.5/17$

Left: 0.572 ± 0.003 $\chi^2/\text{NDF}: 1020.5/36$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.547 ± 0.005 $\chi^2/\text{NDF}: 1853.0/34$
 Out: 0.561 ± 0.005 $\chi^2/\text{NDF}: 2174.7/37$
 All: 0.554 ± 0.003 $\chi^2/\text{NDF}: 4032.4/72$

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: -31.307 $\pm$ 0.387 χ^2 /NDF:384.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -29.122 $\pm$ 0.387 χ^2 /NDF:407.7/17

Left: -30.216 $\pm$ 0.274 χ^2 /NDF: 808.5/36

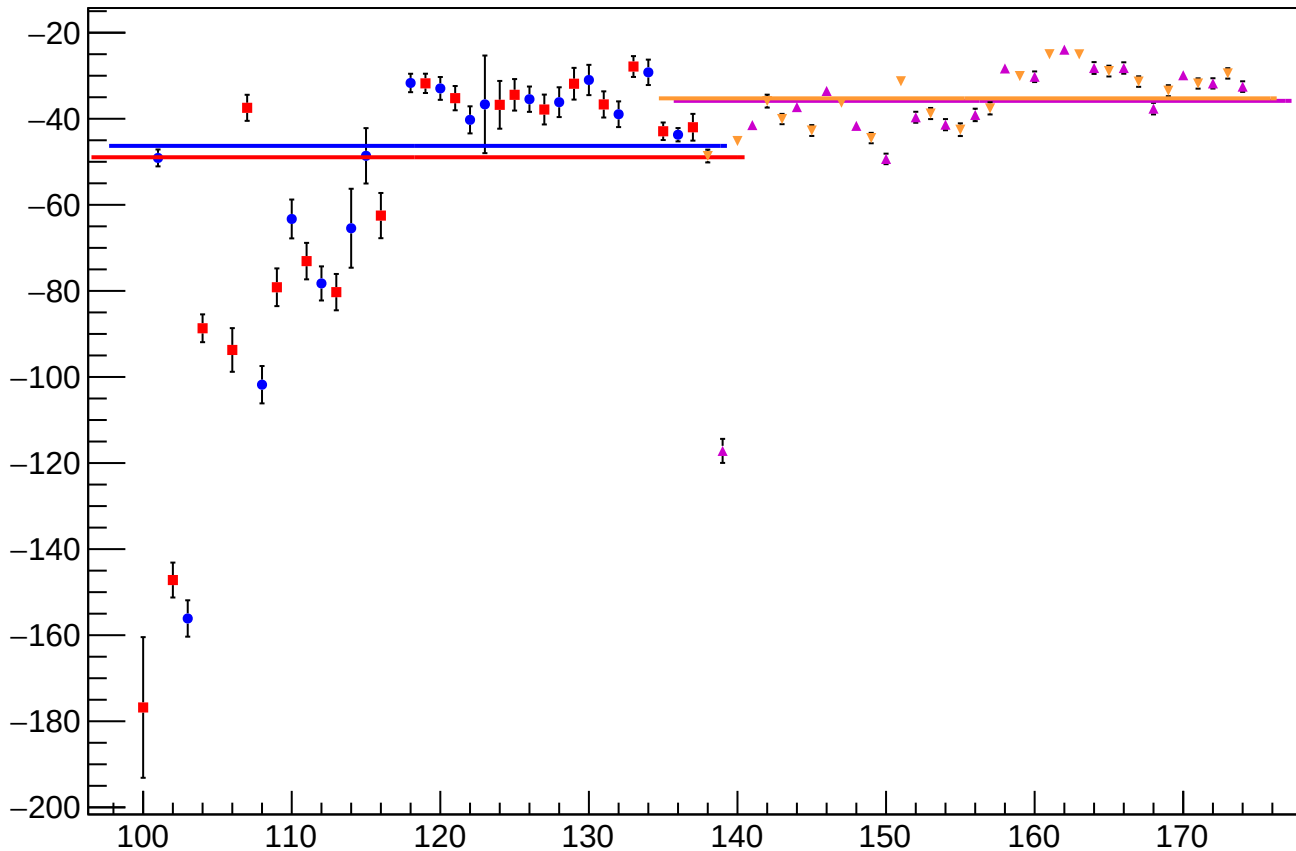
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -29.122 $\pm$ 0.387 χ^2 /NDF:407.7/17

Out: -31.307 $\pm$ 0.387 χ^2 /NDF:384.8/18

All: -30.216 $\pm$ 0.274 χ^2 /NDF: 808.5/36

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -35.258 ± 0.282 $\chi^2/\text{NDF}: 567.7/18$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -35.838 ± 0.290 $\chi^2/\text{NDF}: 1353.4/17$

Left: -35.540 ± 0.202 $\chi^2/\text{NDF}: 1923.2/36$

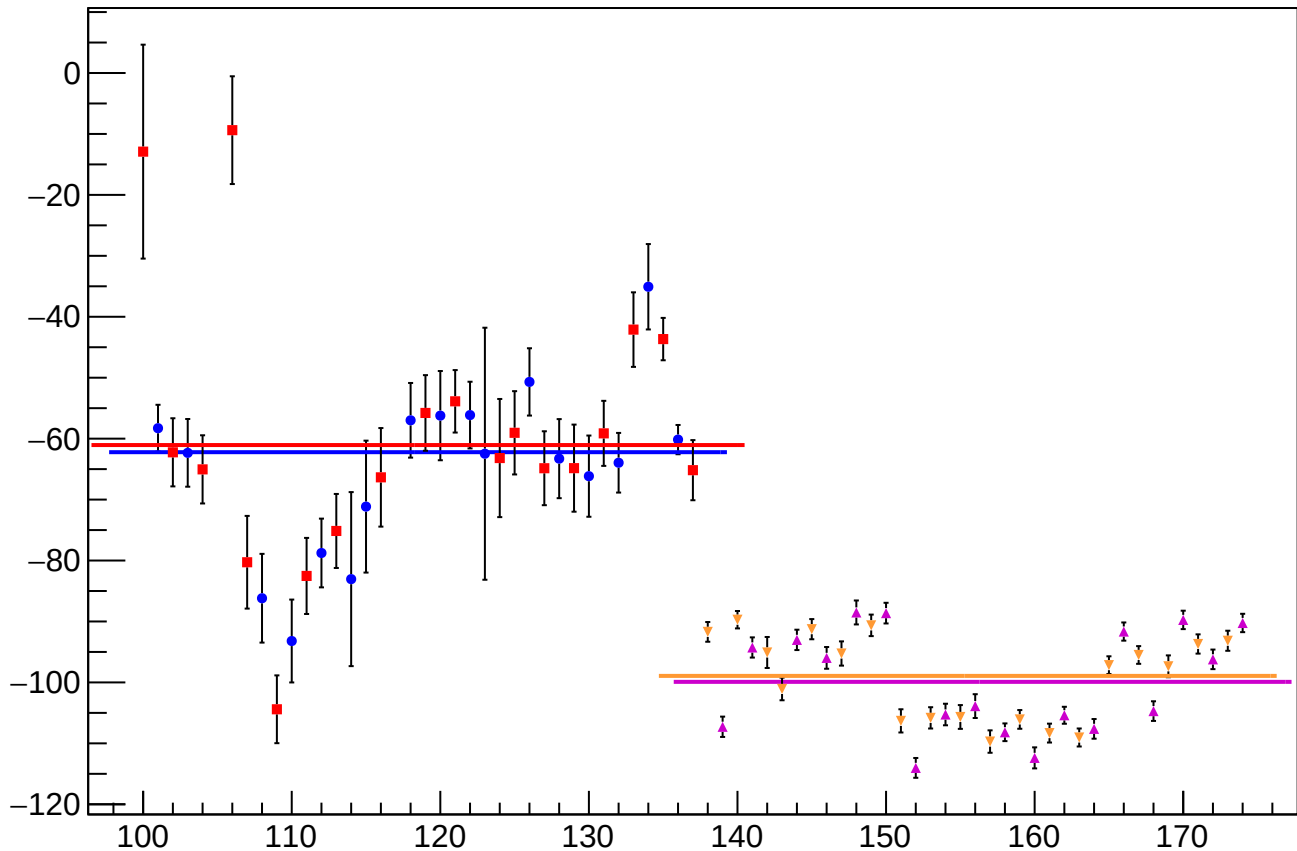
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -37.288 ± 0.269 $\chi^2/\text{NDF}: 2617.5/34$

Out: -36.905 ± 0.264 $\chi^2/\text{NDF}: 2124.8/37$

All: -37.093 ± 0.189 $\chi^2/\text{NDF}: 4743.3/72$

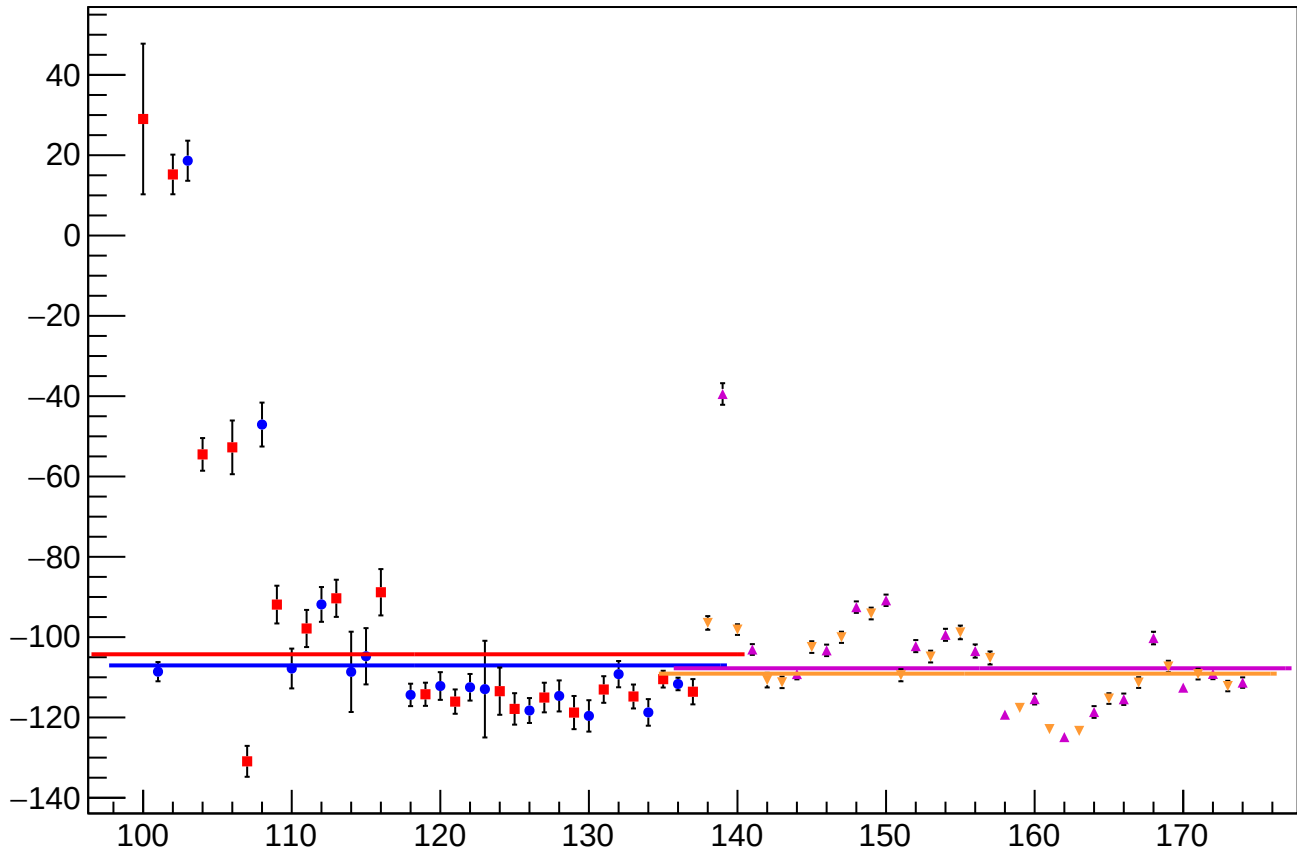
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -98.929 ± 0.385 $\chi^2/\text{NDF}: 325.2/18$
 Right Out: -61.051 ± 1.379 $\chi^2/\text{NDF}: 166.0/18$
 Left In: -99.909 ± 0.384 $\chi^2/\text{NDF}: 473.8/17$

Left: -99.420 ± 0.272 $\chi^2/\text{NDF}: 802.3/36$
 Right: -61.665 ± 0.950 $\chi^2/\text{NDF}: 233.6/35$
 In: -96.931 ± 0.369 $\chi^2/\text{NDF}: 1301.5/34$
 Out: -96.188 ± 0.371 $\chi^2/\text{NDF}: 1191.5/37$
 All: -96.562 ± 0.261 $\chi^2/\text{NDF}: 2495.0/72$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -109.093 ± 0.323 χ^2/NDF : 692.8/18

Right Out: -104.269 ± 0.860 χ^2/NDF : 1018.0/18

Left In: -107.753 ± 0.329 χ^2/NDF : 1445.1/17

Left: -108.437 ± 0.230 χ^2/NDF : 2146.3/36

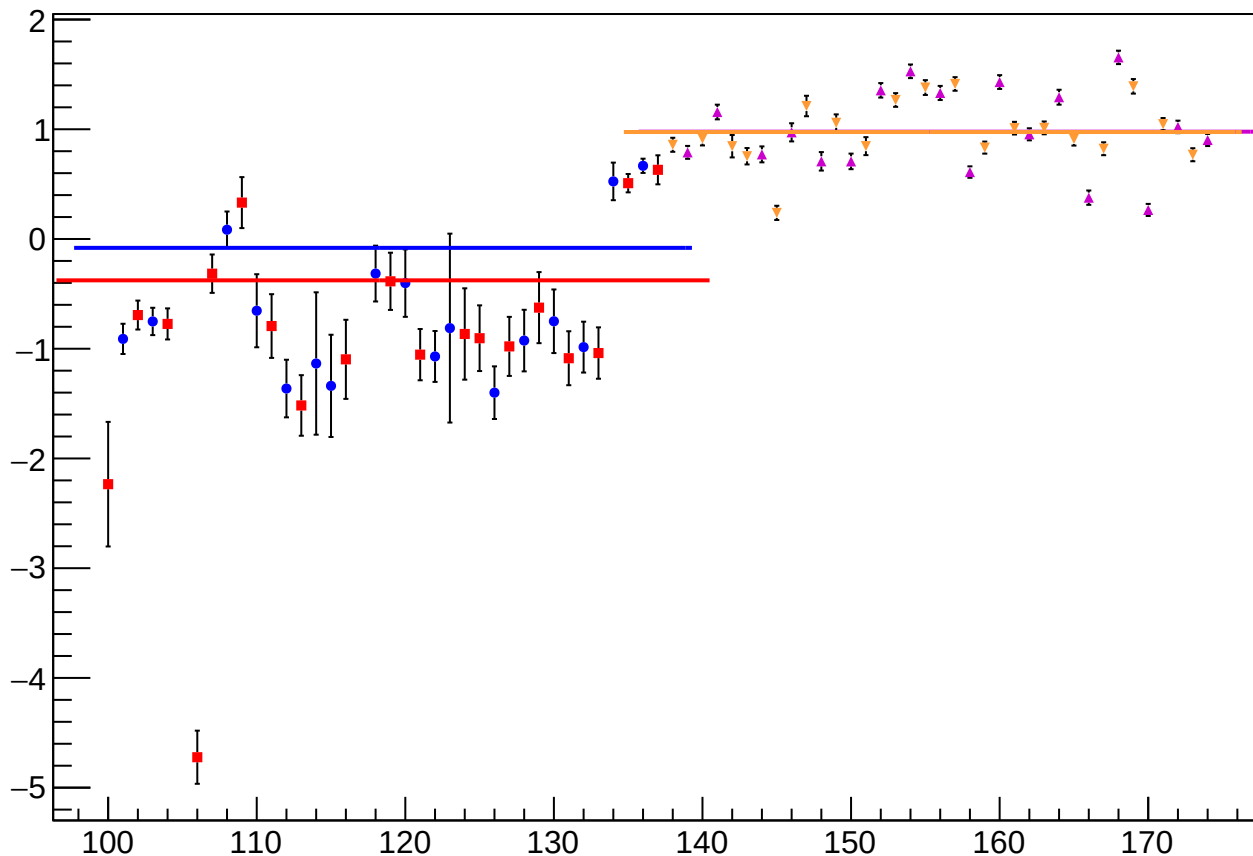
Right: -105.733 ± 0.590 χ^2/NDF : 1851.4/35

In: -107.653 ± 0.305 χ^2/NDF : 2273.6/34

Out: -108.497 ± 0.302 χ^2/NDF : 1738.4/37

All: -108.079 ± 0.215 χ^2/NDF : 4015.8/72

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.975 ± 0.015 χ^2/NDF : 329.8/18

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.978 ± 0.015 χ^2/NDF : 691.5/17

Left: 0.976 ± 0.011 χ^2/NDF : 1021.3/36

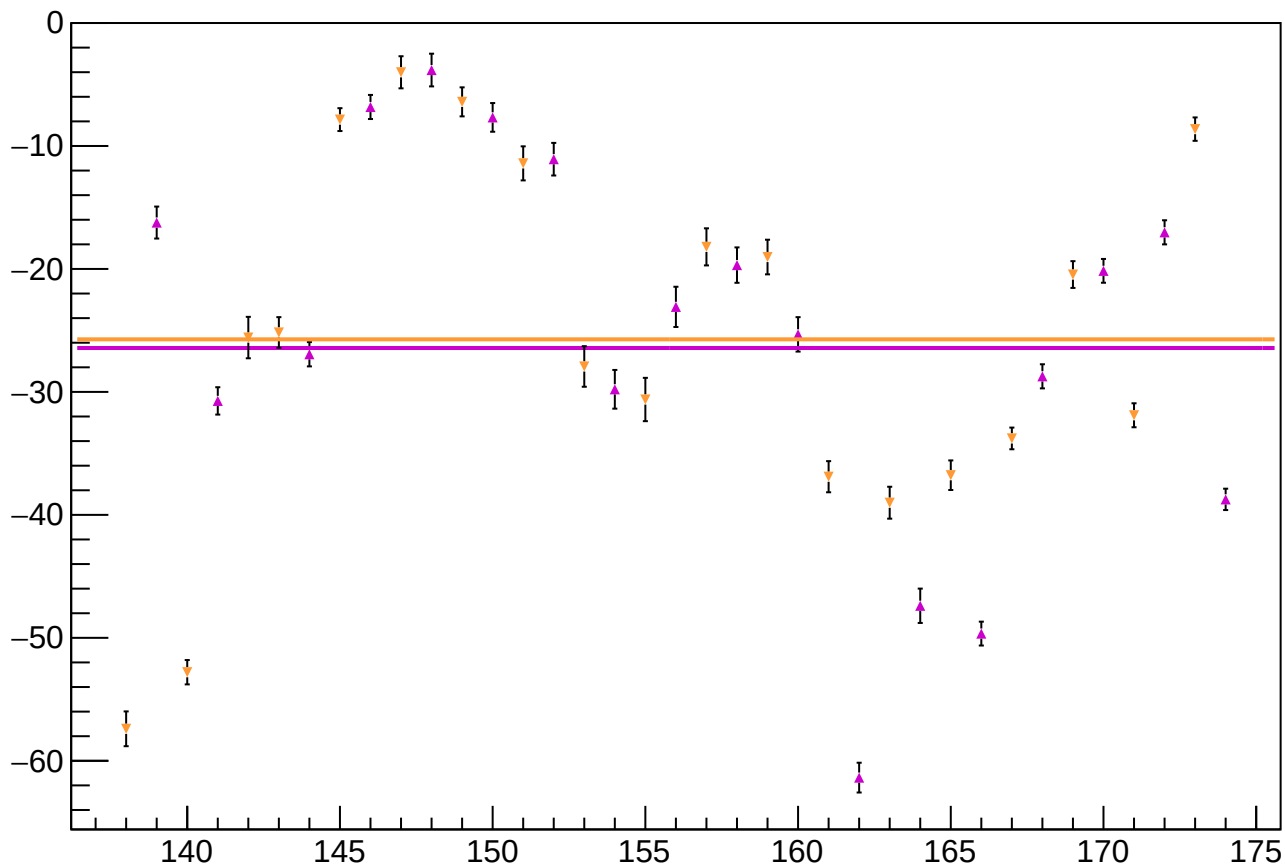
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.862 ± 0.014 χ^2/NDF : 1580.8/34

Out: 0.835 ± 0.014 χ^2/NDF : 1764.4/37

All: 0.848 ± 0.010 χ^2/NDF : 3347.0/72

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.724+/-0.274 χ^2/NDF :3063.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.429+/-0.269 χ^2/NDF :3160.5/17

Left: -26.083+/-0.192 χ^2/NDF : 6227.7/36

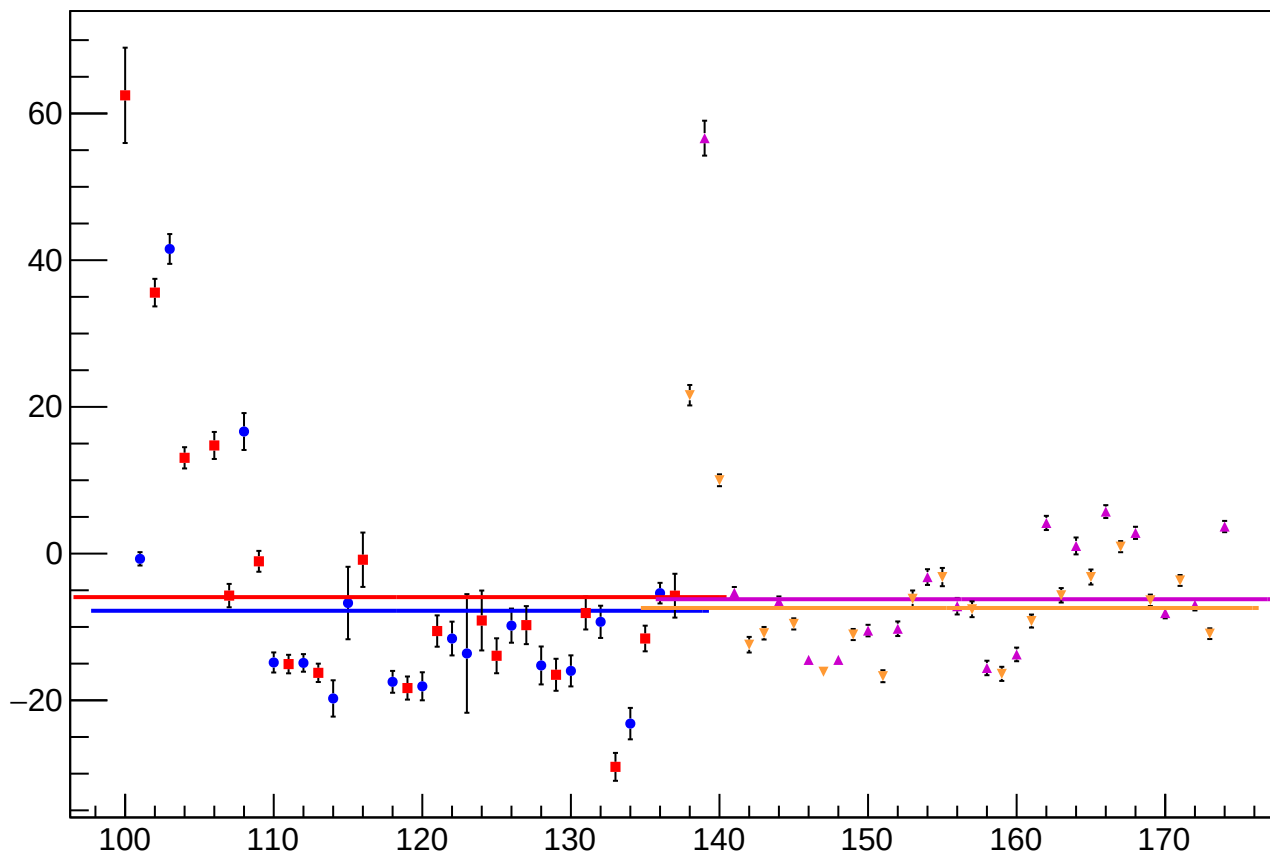
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.429+/-0.269 χ^2/NDF :3160.5/17

Out: -25.724+/-0.274 χ^2/NDF :3063.7/18

All: -26.083+/-0.192 χ^2/NDF : 6227.7/36

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: -7.413 ± 0.198 χ^2/NDF : 1586.1/18

Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18

Left In: -6.219 ± 0.199 χ^2/NDF : 1884.9/17

Left: -6.820 ± 0.140 χ^2/NDF : 3489.1/36

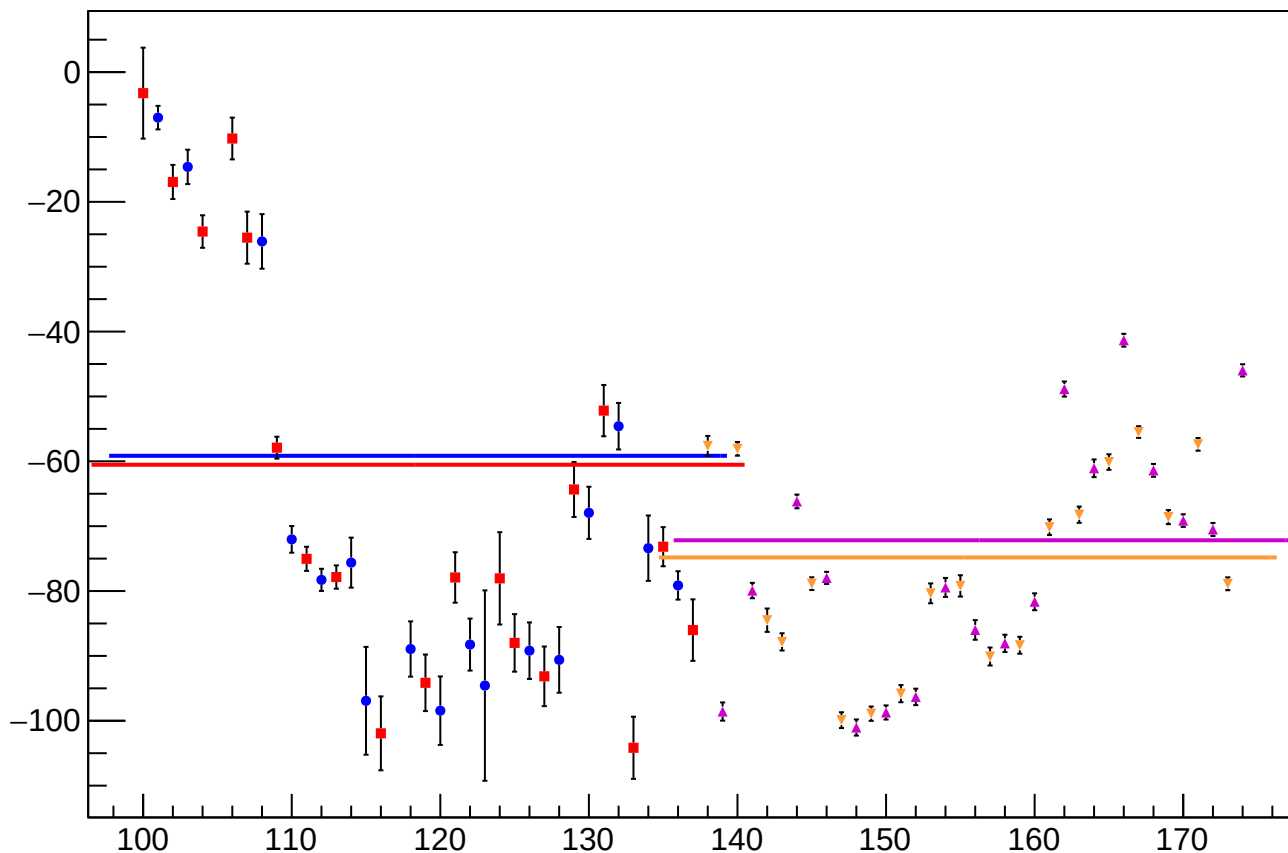
Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -6.499 ± 0.181 χ^2/NDF : 2878.8/34

Out: -7.153 ± 0.180 χ^2/NDF : 2890.1/37

All: -6.828 ± 0.127 χ^2/NDF : 5775.5/72

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 $\chi^2/\text{NDF}: 1718.3/16$

Left Out: -74.821 ± 0.274 $\chi^2/\text{NDF}: 2937.3/18$

Right Out: -60.530 ± 0.704 $\chi^2/\text{NDF}: 1385.2/18$

Left In: -72.175 ± 0.268 $\chi^2/\text{NDF}: 4602.5/17$

Left: -73.471 ± 0.192 $\chi^2/\text{NDF}: 7587.4/36$

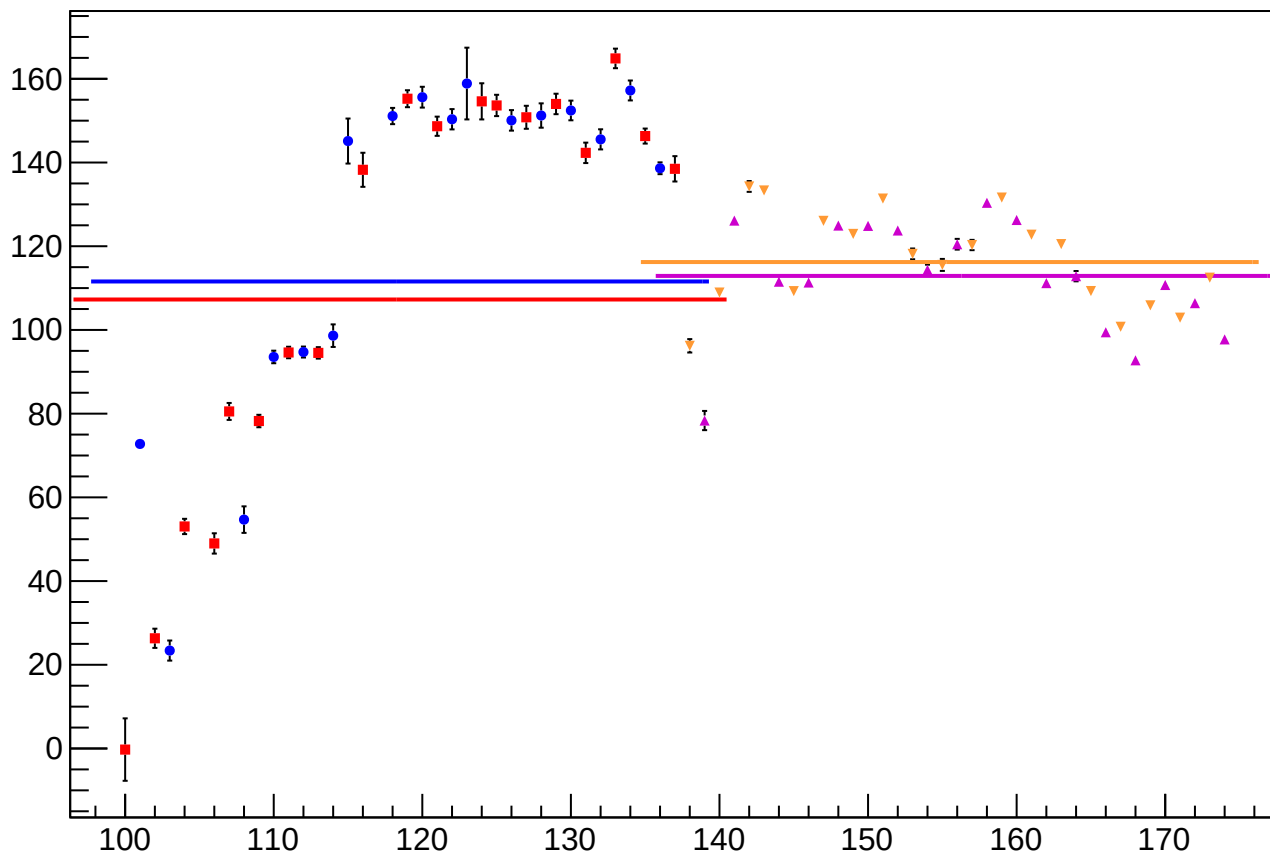
Right: -59.879 ± 0.512 $\chi^2/\text{NDF}: 3105.4/35$

In: -70.681 ± 0.252 $\chi^2/\text{NDF}: 6591.2/34$

Out: -72.945 ± 0.255 $\chi^2/\text{NDF}: 4680.4/37$

All: -71.801 ± 0.179 $\chi^2/\text{NDF}: 11311.4/72$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 116.222 $\pm$ 0.228 χ^2 /NDF:2263.4/18

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 112.909 $\pm$ 0.228 χ^2 /NDF:2415.9/17

Left: 114.567 $\pm$ 0.161 χ^2 /NDF: 4784.7/36

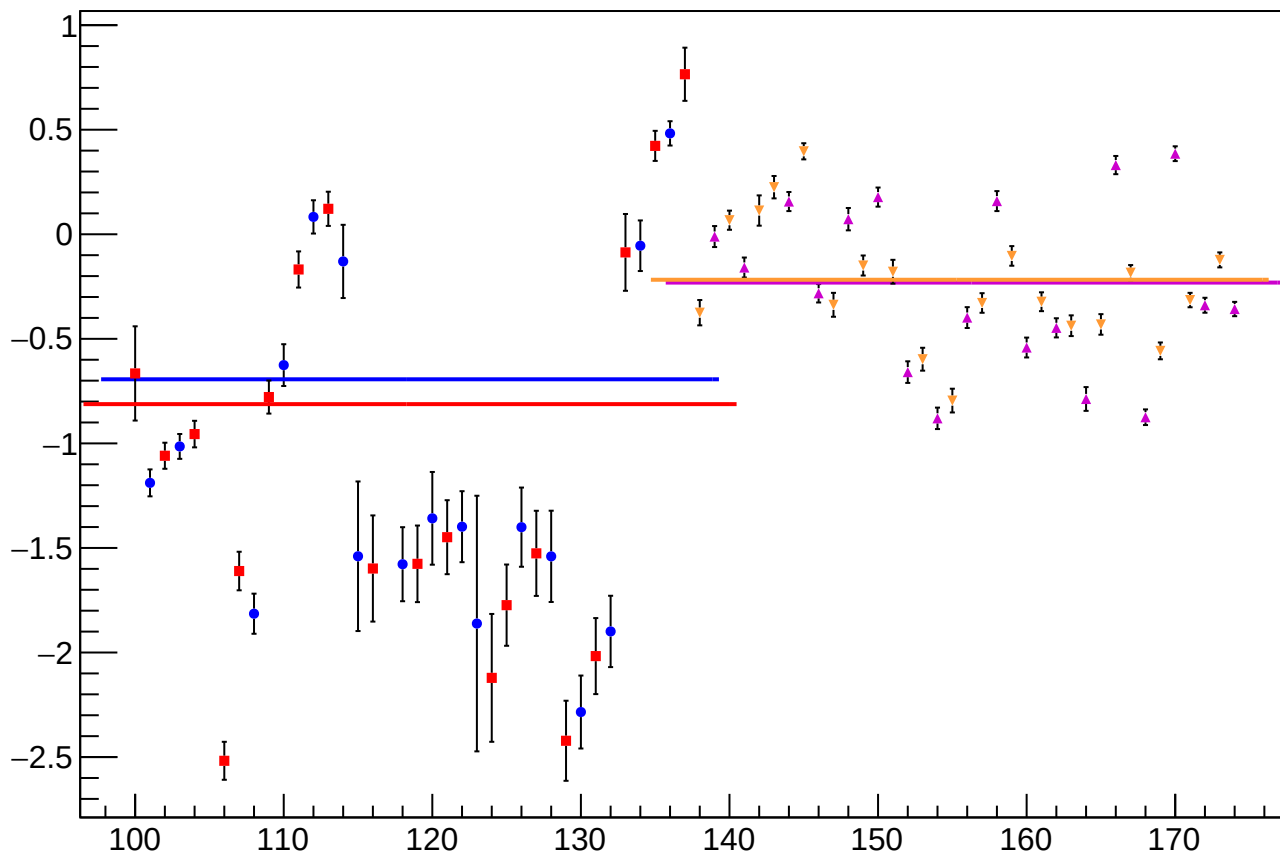
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 112.670 $\pm$ 0.207 χ^2 /NDF:8367.9/34

Out: 114.615 $\pm$ 0.207 χ^2 /NDF:9584.6/37

All: 113.643 $\pm$ 0.146 χ^2 /NDF: 17996.9/72

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: -0.217 ± 0.011 χ^2/NDF : 689.3/18

Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18

Left In: -0.231 ± 0.010 χ^2/NDF : 1463.8/17

Left: -0.224 ± 0.007 χ^2/NDF : 2153.9/36

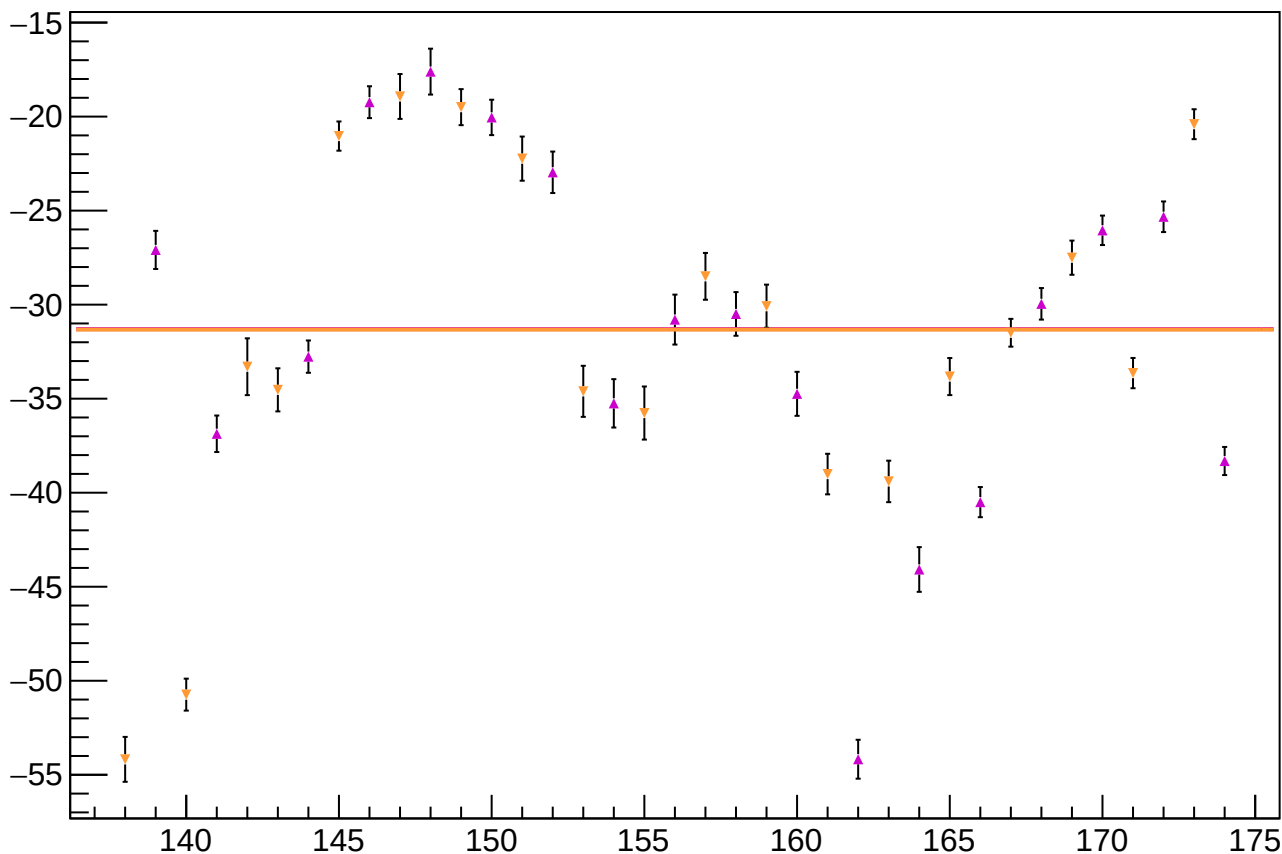
Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35

In: -0.296 ± 0.010 χ^2/NDF : 2730.5/34

Out: -0.313 ± 0.010 χ^2/NDF : 2500.1/37

All: -0.304 ± 0.007 χ^2/NDF : 5232.0/72

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: -31.326+/-0.231 χ^2/NDF :1741.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.301+/-0.226 χ^2/NDF :1526.0/17

Left: -31.313+/-0.161 χ^2/NDF : 3267.2/36

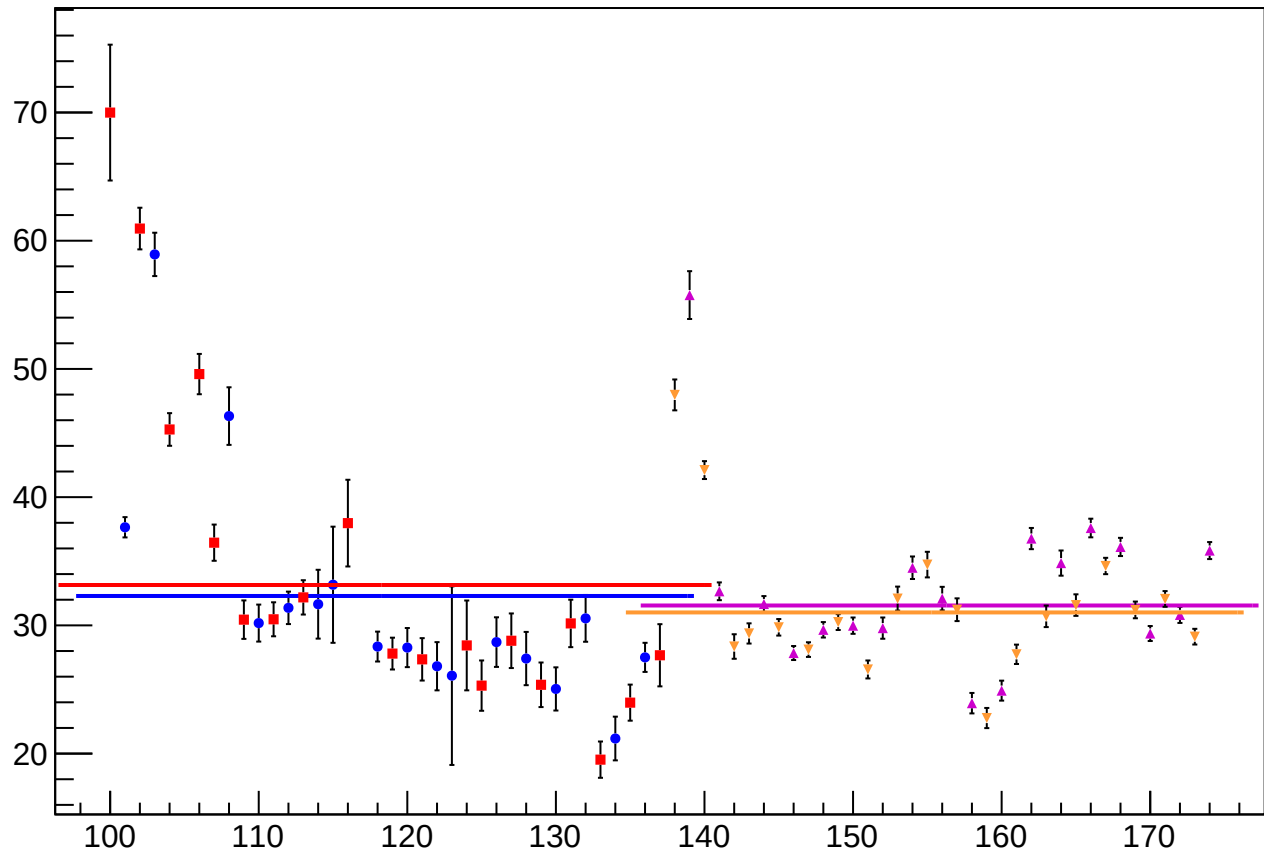
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.301+/-0.226 χ^2/NDF :1526.0/17

Out: -31.326+/-0.231 χ^2/NDF :1741.1/18

All: -31.313+/-0.161 χ^2/NDF : 3267.2/36

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: 31.009 ± 0.168 $\chi^2/\text{NDF}: 723.9/18$

Right Out: 33.149 ± 0.379 $\chi^2/\text{NDF}: 772.6/18$

Left In: 31.551 ± 0.169 $\chi^2/\text{NDF}: 632.0/17$

Left: 31.278 ± 0.119 $\chi^2/\text{NDF}: 1361.0/36$

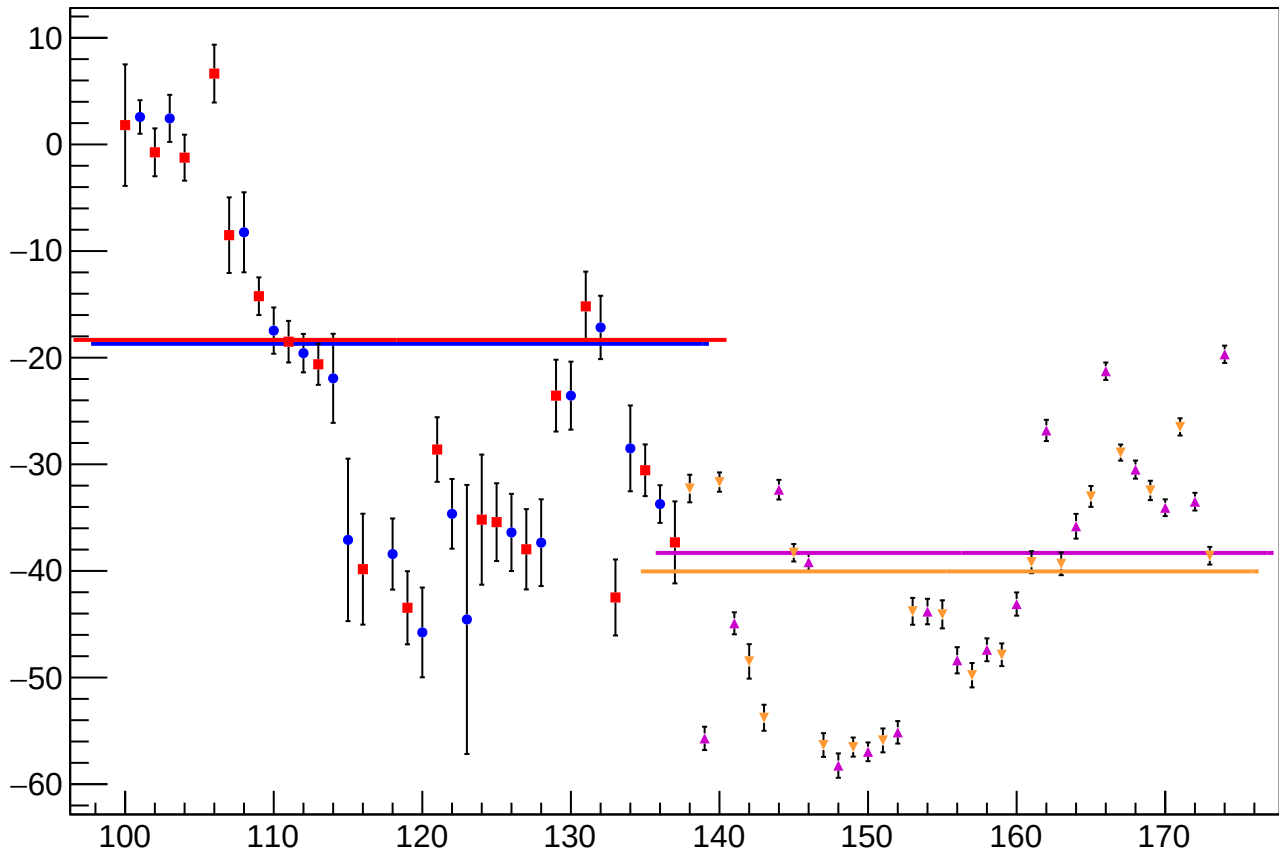
Right: 32.715 ± 0.266 $\chi^2/\text{NDF}: 1227.8/35$

In: 31.677 ± 0.154 $\chi^2/\text{NDF}: 1087.8/34$

Out: 31.362 ± 0.154 $\chi^2/\text{NDF}: 1523.1/37$

All: 31.519 ± 0.109 $\chi^2/\text{NDF}: 2613.1/72$

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: -40.045 ± 0.230 χ^2/NDF : 1798.6/18

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -38.313 ± 0.225 χ^2/NDF : 2770.8/17

Left: -39.160 ± 0.161 χ^2/NDF : 4598.3/36

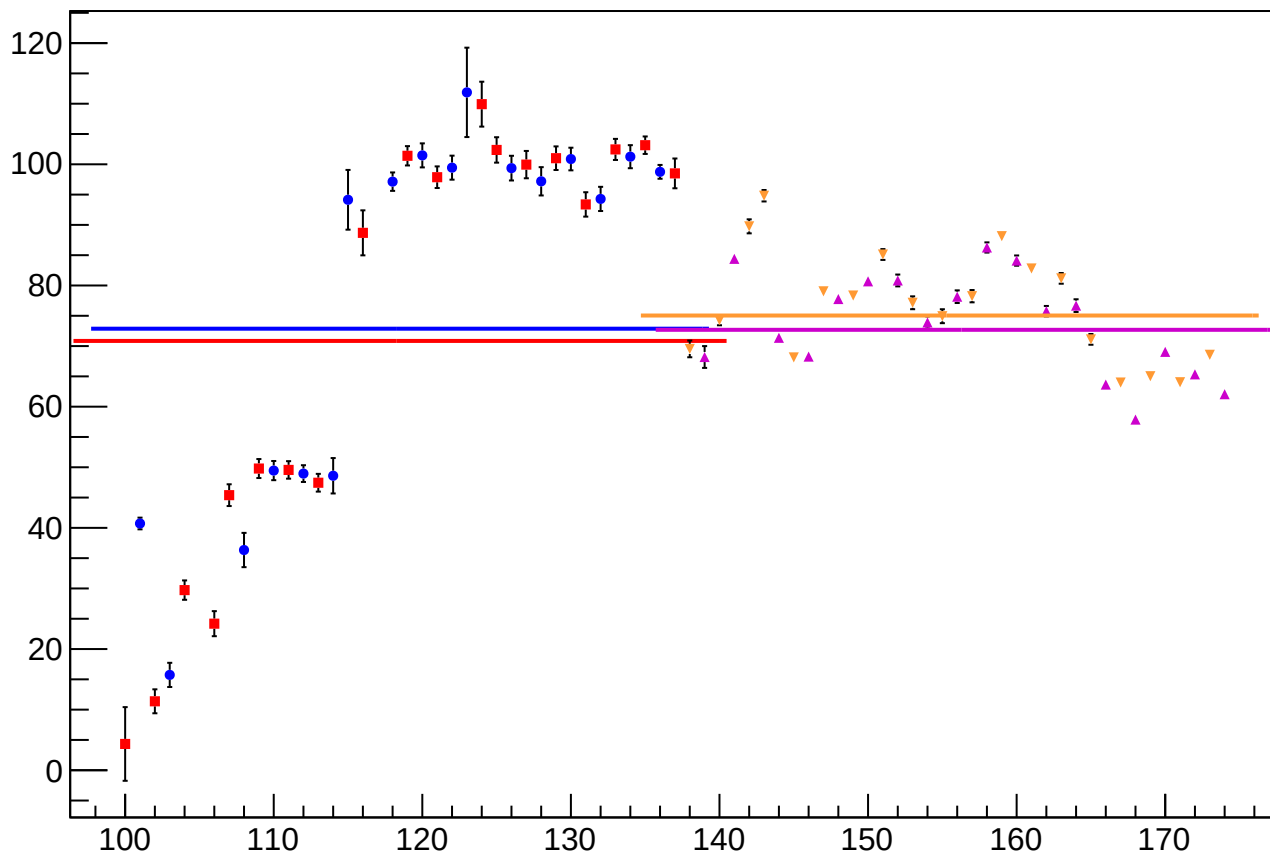
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -36.303 ± 0.213 χ^2/NDF : 4067.1/34

Out: -37.581 ± 0.217 χ^2/NDF : 3282.3/37

All: -36.932 ± 0.152 χ^2/NDF : 7367.1/72

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: 75.044+/-0.193 χ^2/NDF : 2099.7/18

Right Out: 70.851+/-0.433 χ^2/NDF : 5495.4/18

Left In: 72.684+/-0.193 χ^2/NDF : 1810.3/17

Left: 73.865+/-0.136 χ^2/NDF : 3984.8/36

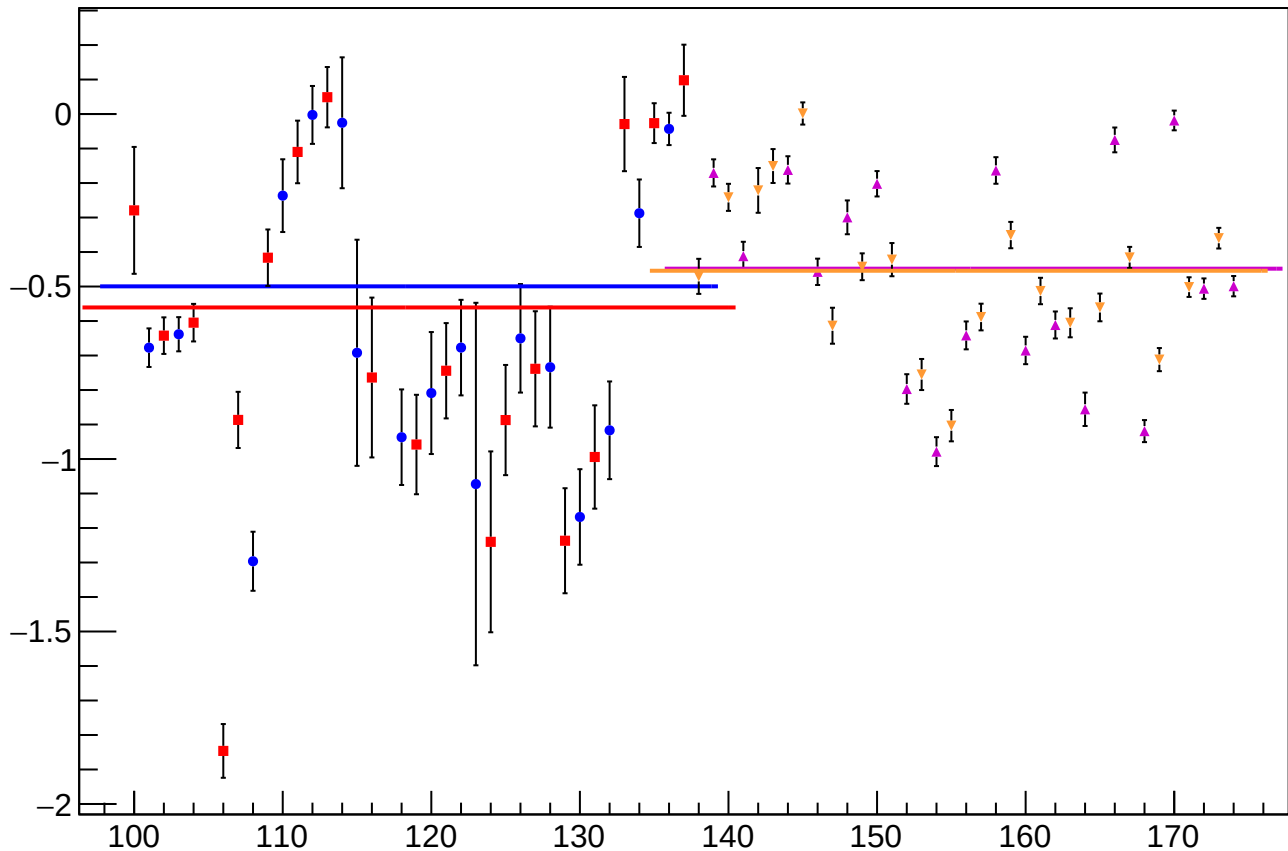
Right: 71.876+/-0.304 χ^2/NDF : 10233.6/35

In: 72.716+/-0.176 χ^2/NDF : 6537.5/34

Out: 74.350+/-0.176 χ^2/NDF : 7673.4/37

All: 73.531+/-0.124 χ^2/NDF : 14254.0/72

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.454 ± 0.009 χ^2/NDF : 548.3/18

Right Out: -0.561 ± 0.021 χ^2/NDF : 561.8/18

Left In: -0.448 ± 0.009 χ^2/NDF : 1142.1/17

Left: -0.451 ± 0.006 χ^2/NDF : 1690.7/36

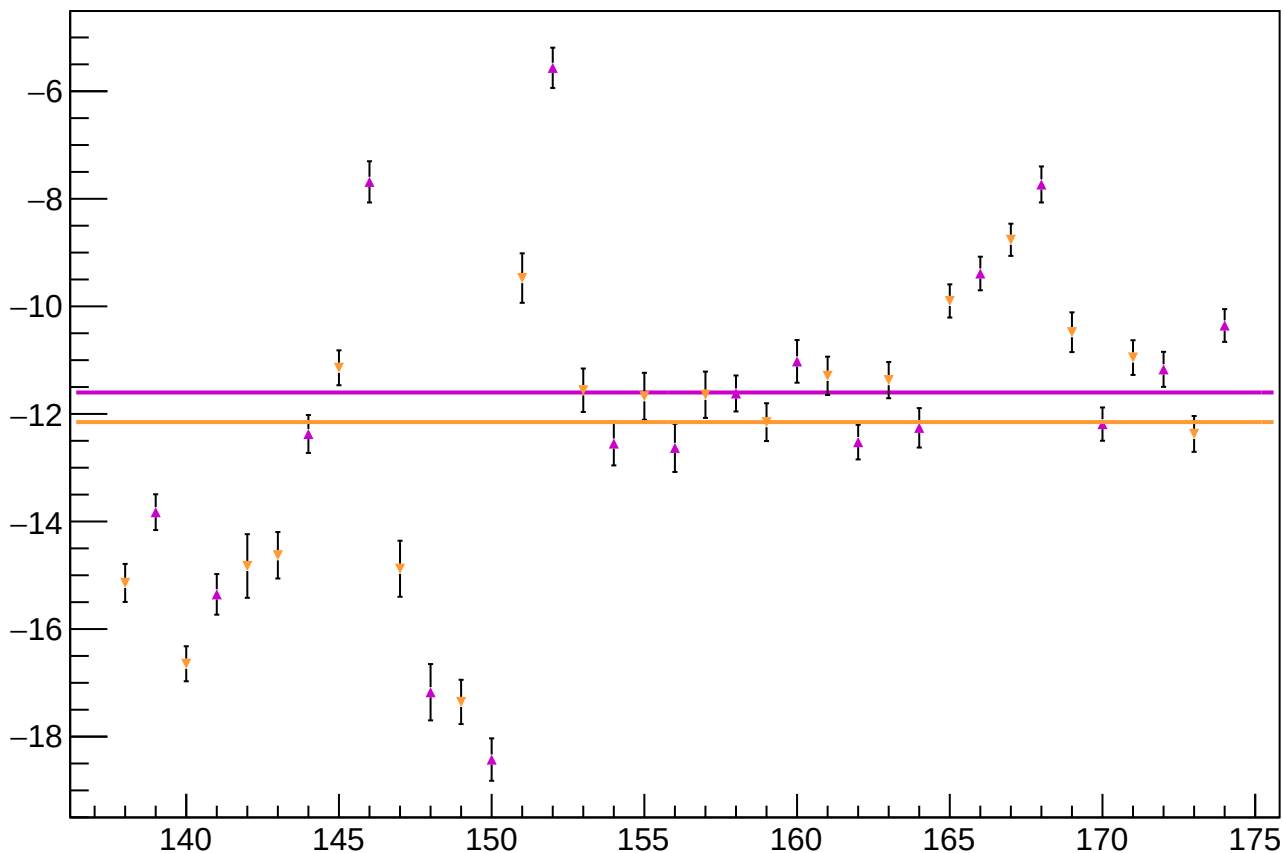
Right: -0.531 ± 0.015 χ^2/NDF : 868.3/35

In: -0.455 ± 0.008 χ^2/NDF : 1449.3/34

Out: -0.470 ± 0.008 χ^2/NDF : 1131.1/37

All: -0.462 ± 0.006 χ^2/NDF : 2582.1/72

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: -12.152 ± 0.085 χ^2/NDF : 778.3/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -11.601 ± 0.084 χ^2/NDF : 1153.4/17

Left: -11.874 ± 0.060 χ^2/NDF : 1952.9/36

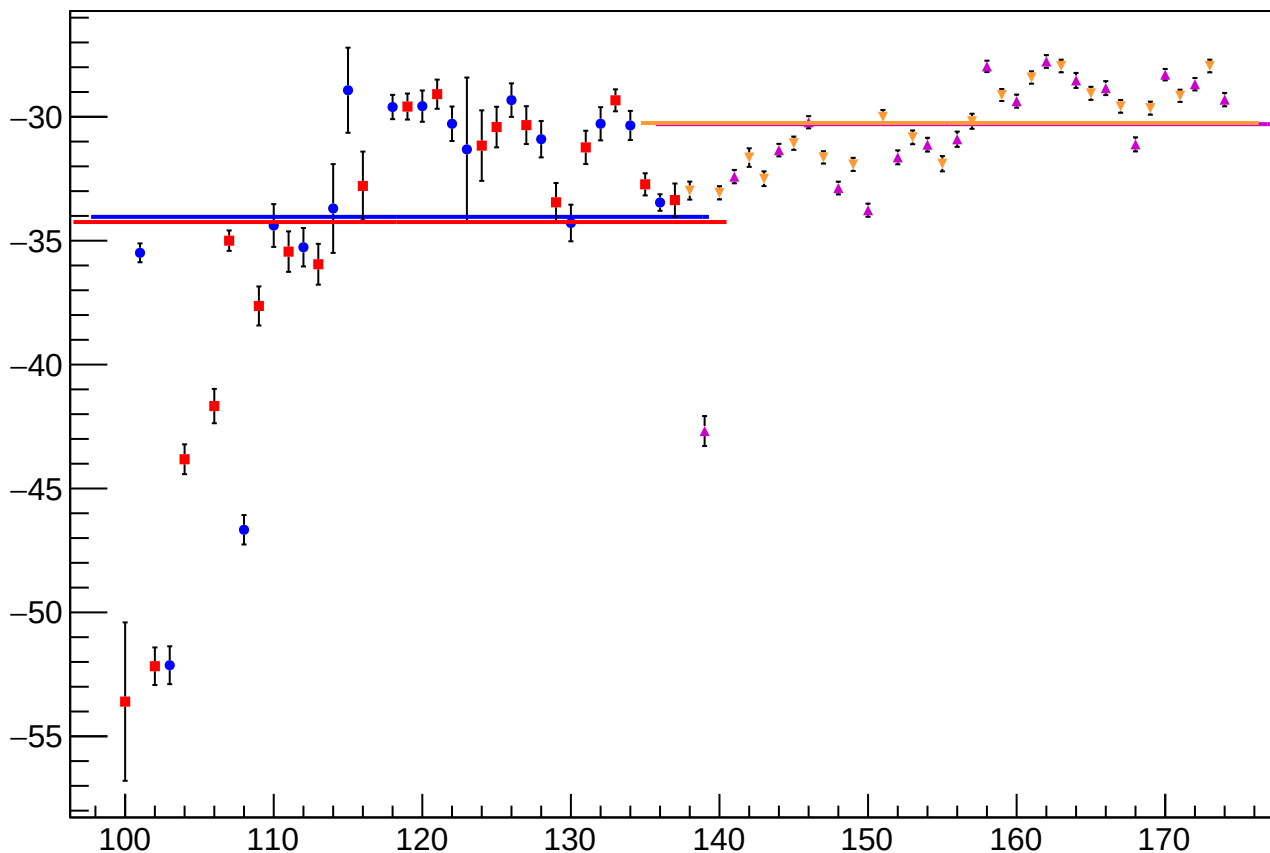
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.601 ± 0.084 χ^2/NDF : 1153.4/17

Out: -12.152 ± 0.085 χ^2/NDF : 778.3/18

All: -11.874 ± 0.060 χ^2/NDF : 1952.9/36

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: -30.252 ± 0.063 χ^2/NDF : 640.5/18

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.298 ± 0.064 χ^2/NDF : 1209.8/17

Left: -30.275 ± 0.045 χ^2/NDF : 1850.6/36

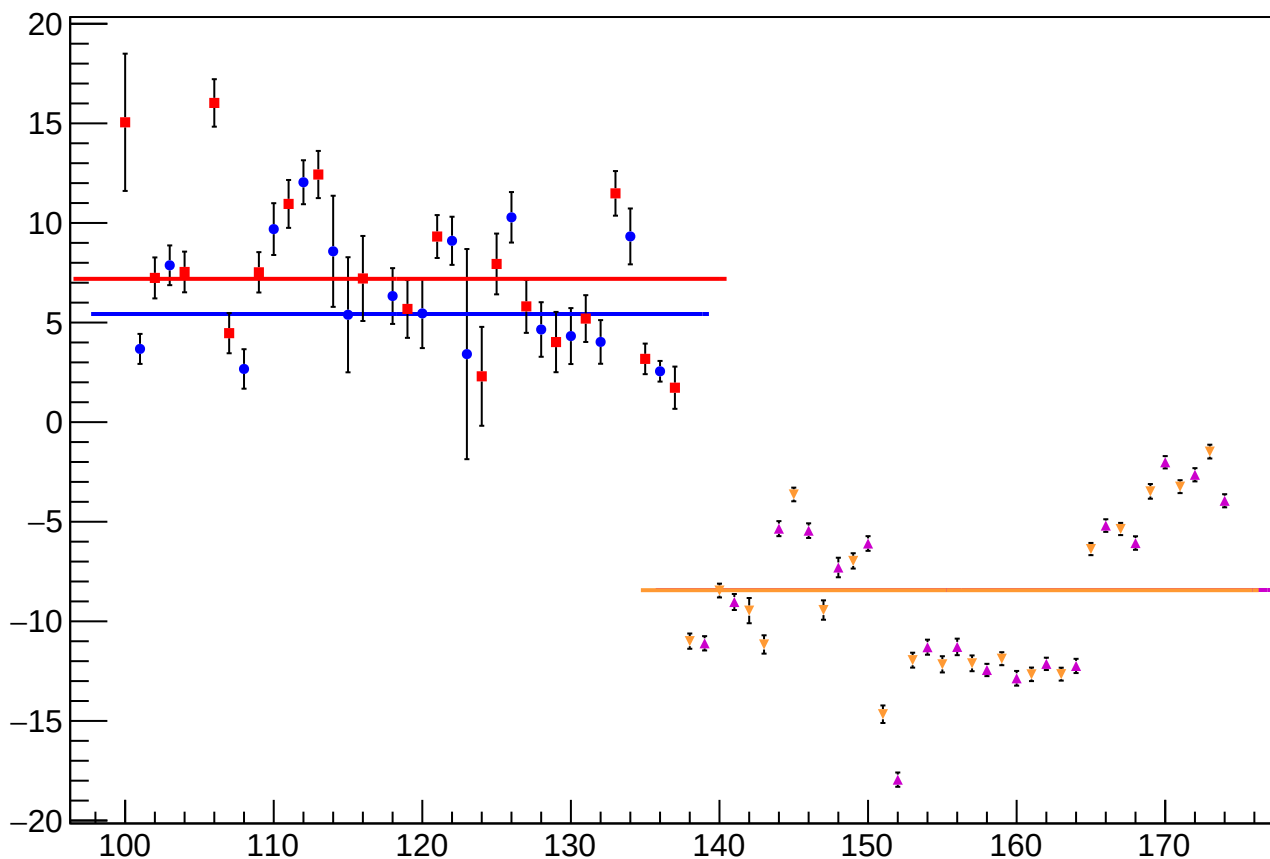
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.865 ± 0.059 χ^2/NDF : 3074.0/34

Out: -30.841 ± 0.058 χ^2/NDF : 2597.9/37

All: -30.853 ± 0.041 χ^2/NDF : 5672.0/72

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -8.437 ± 0.084 $\chi^2/\text{NDF}: 2173.8/18$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -8.427 ± 0.083 $\chi^2/\text{NDF}: 2679.9/17$

Left: -8.432 ± 0.059 $\chi^2/\text{NDF}: 4853.7/36$

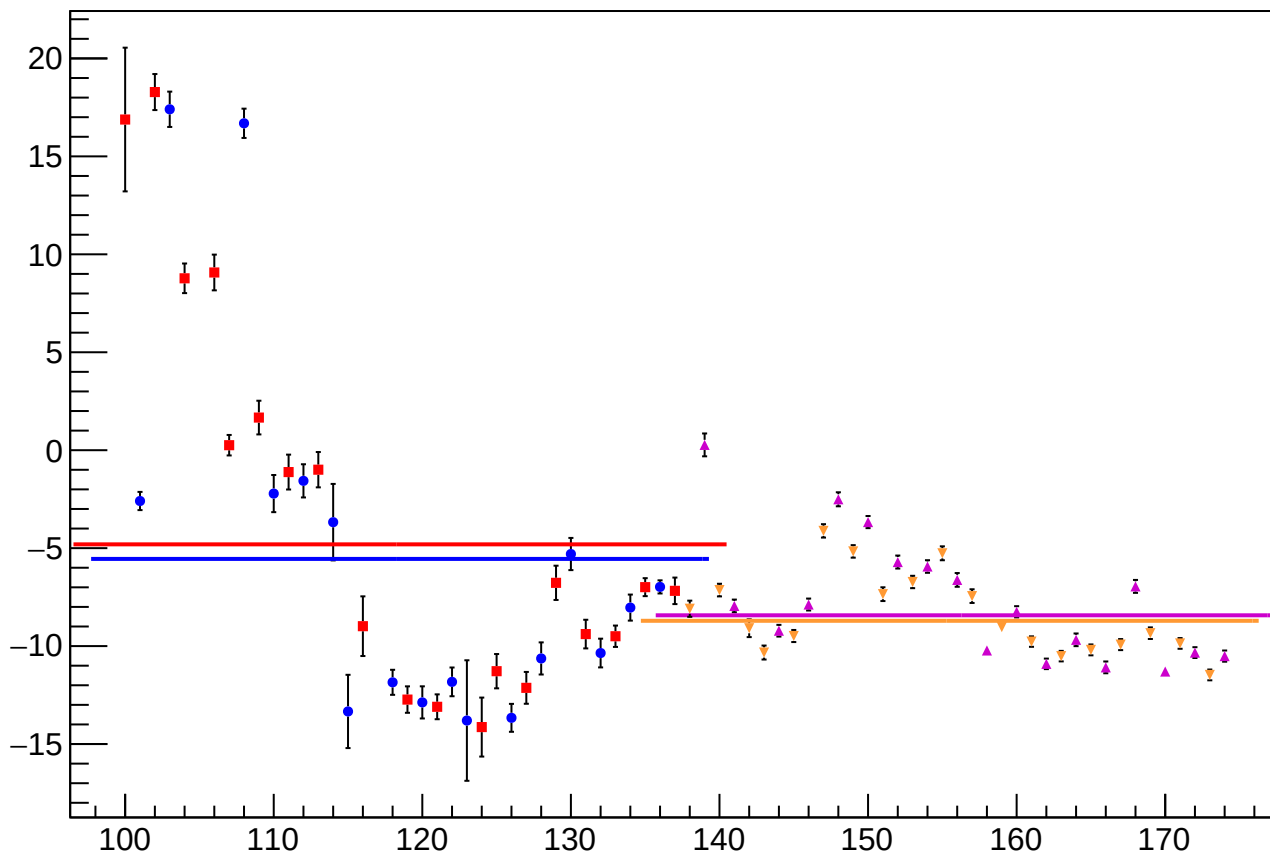
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -7.218 ± 0.080 $\chi^2/\text{NDF}: 5218.2/34$

Out: -7.083 ± 0.081 $\chi^2/\text{NDF}: 5328.2/37$

All: -7.151 ± 0.057 $\chi^2/\text{NDF}: 10547.8/72$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -5.708 ± 0.071 χ^2/NDF : 749.9/18

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.428 ± 0.072 χ^2/NDF : 1383.3/17

Left: -8.570 ± 0.051 χ^2/NDF : 2140.9/36

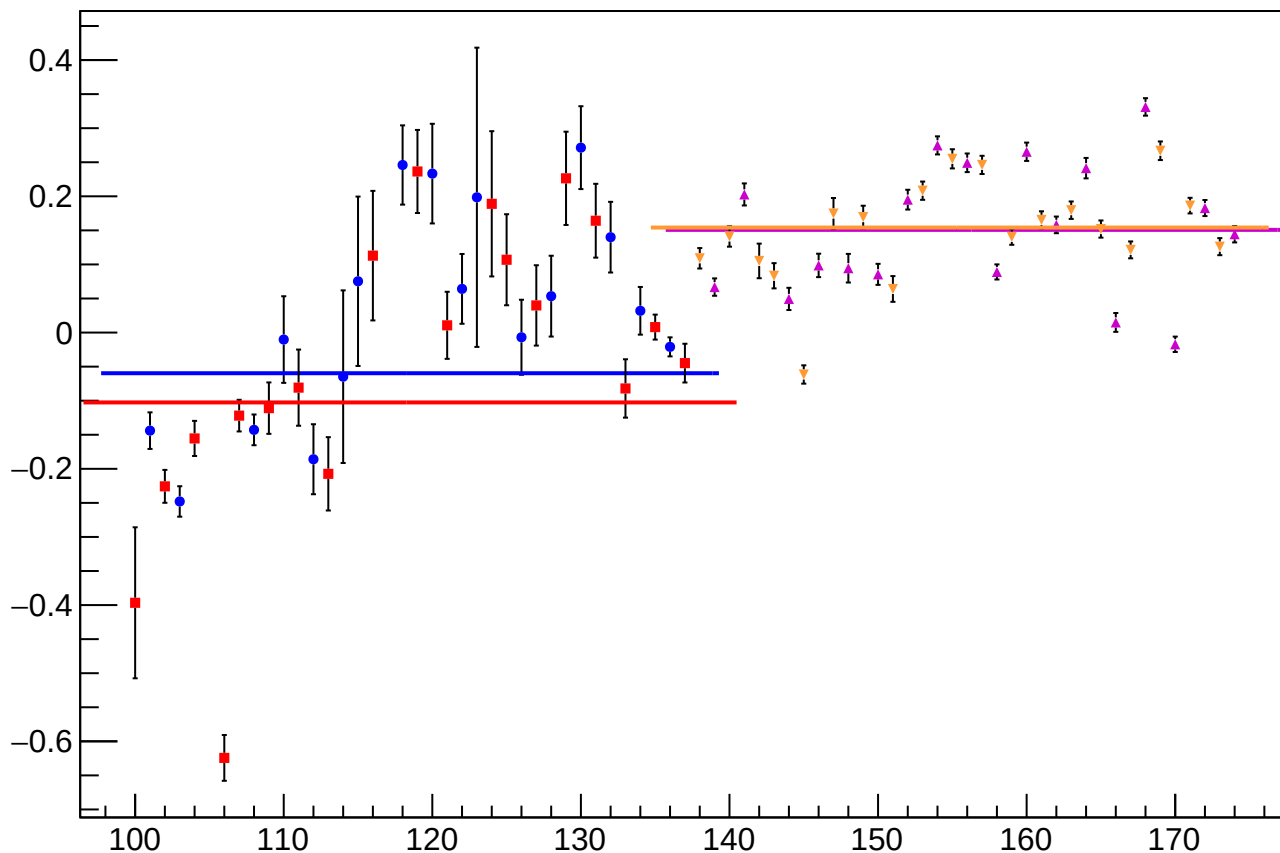
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -7.992 ± 0.066 χ^2/NDF : 3752.9/34

Out: -8.143 ± 0.066 χ^2/NDF : 3234.9/37

All: -8.068 ± 0.047 χ^2/NDF : 6990.4/72

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.154 ± 0.003 χ^2/NDF : 519.0/18

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.151 ± 0.003 χ^2/NDF : 939.4/17

Left: 0.152 ± 0.002 χ^2/NDF : 1458.9/36

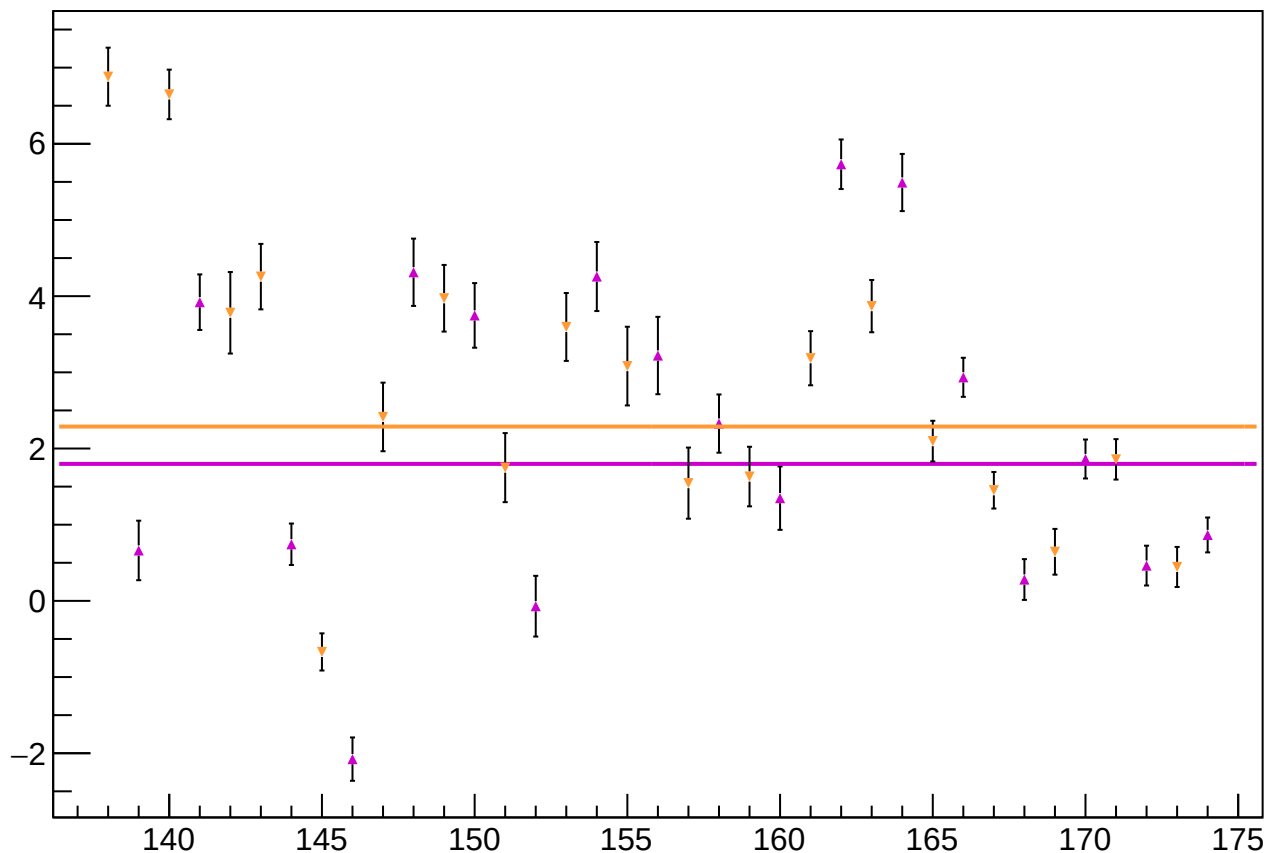
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.124 ± 0.003 χ^2/NDF : 1704.3/34

Out: 0.121 ± 0.003 χ^2/NDF : 1764.3/37

All: 0.123 ± 0.002 χ^2/NDF : 3469.1/72

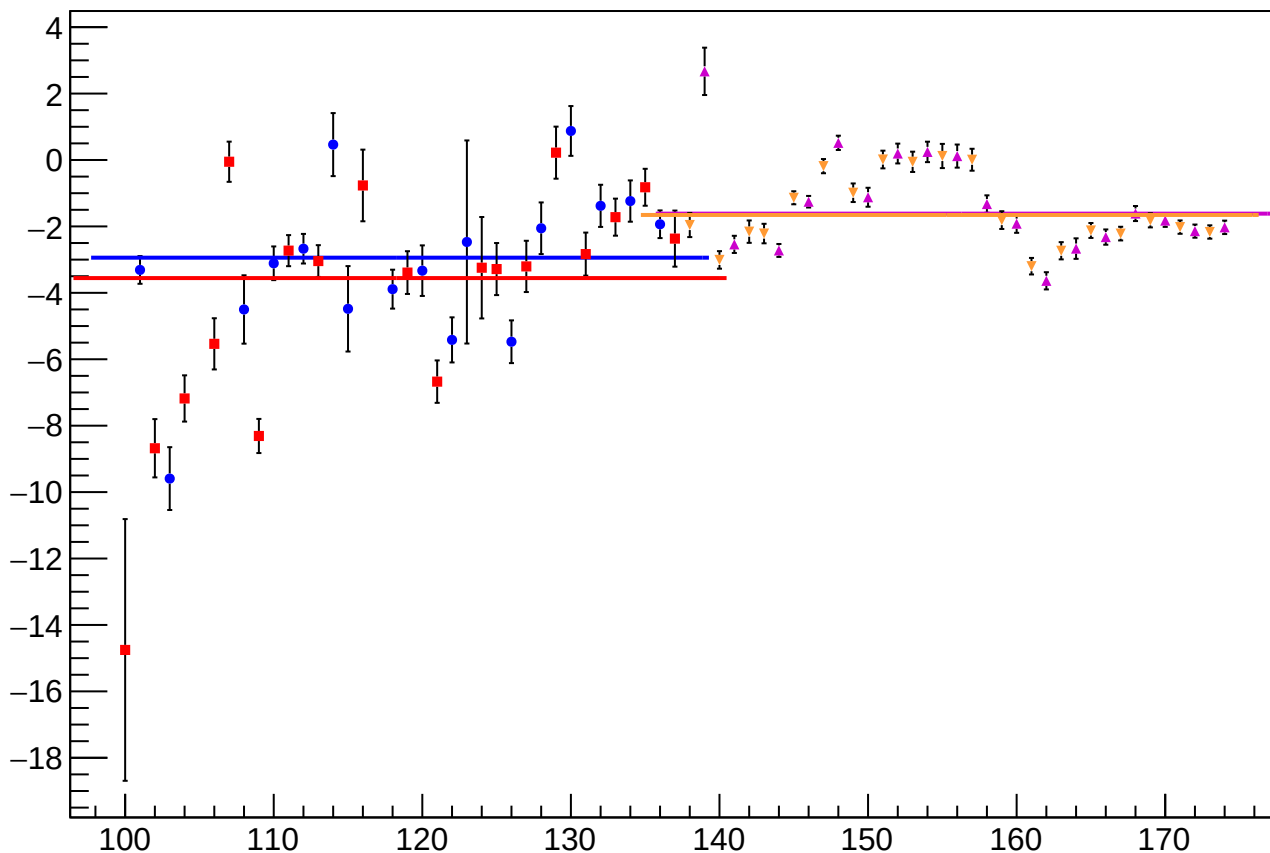
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.288 $\pm$ 0.078 χ^2 /NDF:655.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.798 $\pm$ 0.076 χ^2 /NDF:696.4/17

Left: 2.037 $\pm$ 0.054 χ^2 /NDF: 1372.2/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.798 $\pm$ 0.076 χ^2 /NDF:696.4/17
 Out: 2.288 $\pm$ 0.078 χ^2 /NDF:655.5/18
 All: 2.037 $\pm$ 0.054 χ^2 /NDF: 1372.2/36

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.655 ± 0.057 χ^2/NDF : 286.7/18

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -1.615 ± 0.057 χ^2/NDF : 381.4/17

Left: -1.635 ± 0.040 χ^2/NDF : 668.4/36

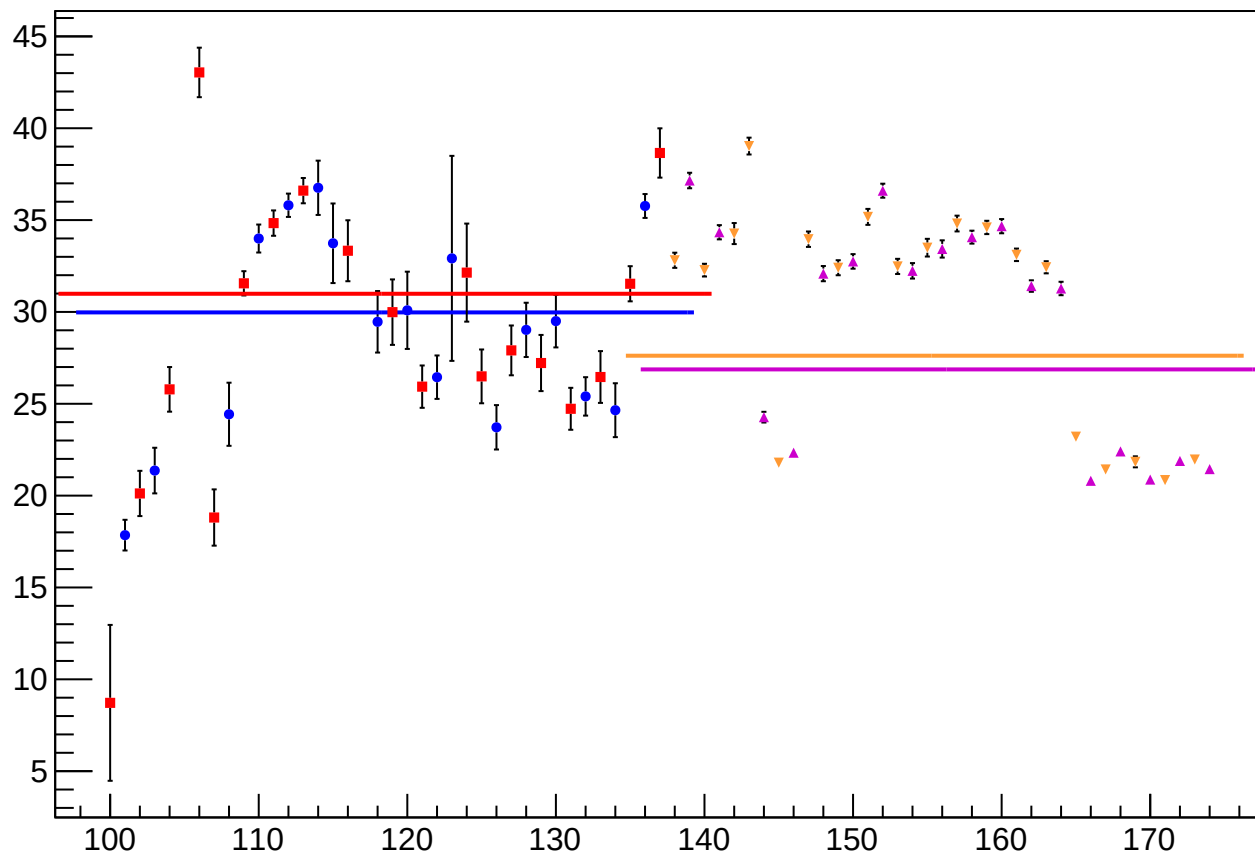
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -1.774 ± 0.053 χ^2/NDF : 592.1/34

Out: -1.885 ± 0.054 χ^2/NDF : 711.4/37

All: -1.829 ± 0.038 χ^2/NDF : 1305.6/72

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 27.617 $\pm$ 0.078 χ^2 /NDF: 6024.3/18

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 26.871 $\pm$ 0.076 χ^2 /NDF: 6070.5/17

Left: 27.234 $\pm$ 0.054 χ^2 /NDF: 12141.6/36

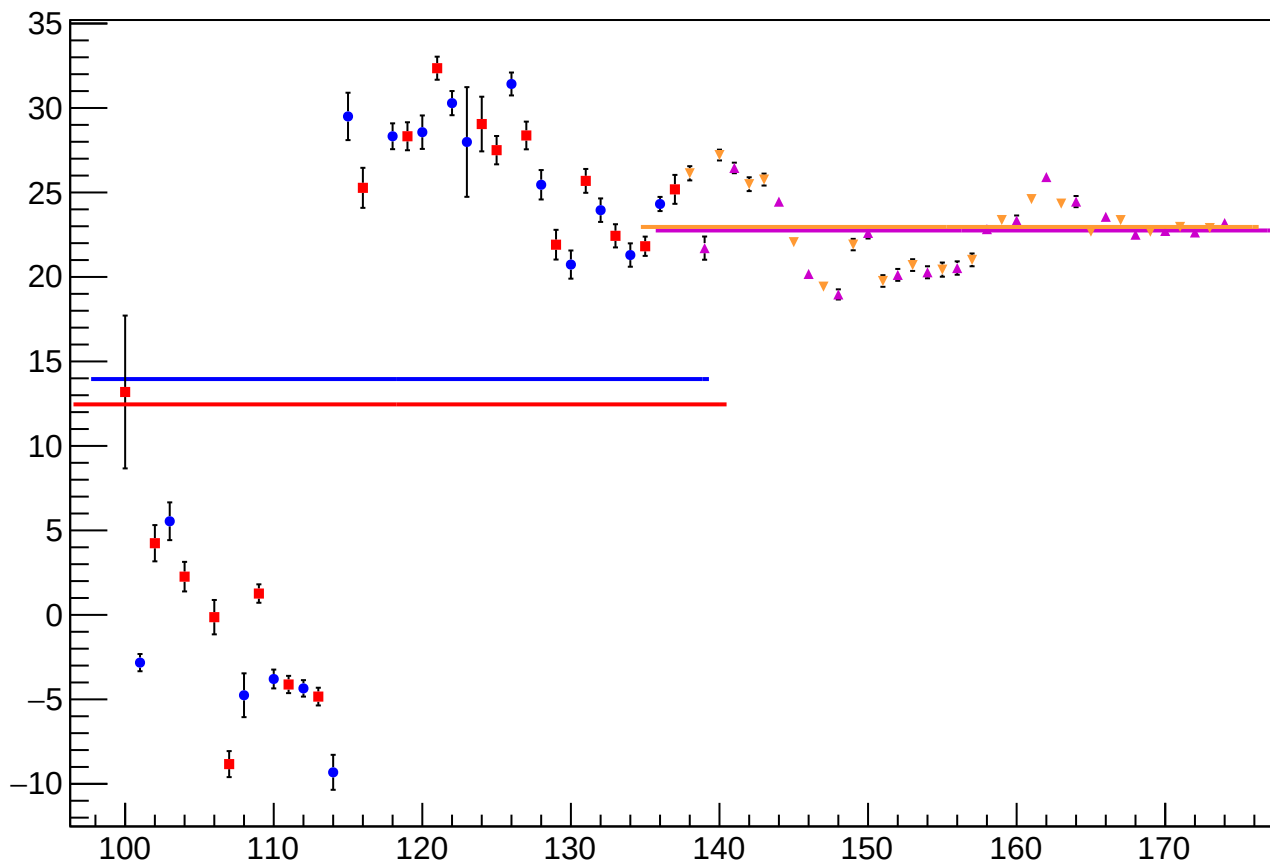
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 27.104 $\pm$ 0.073 χ^2 /NDF: 6749.1/34

Out: 27.896 $\pm$ 0.075 χ^2 /NDF: 6659.7/37

All: 27.491 $\pm$ 0.052 χ^2 /NDF: 13466.2/72

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.959 $\pm$ 0.065 χ^2 /NDF: 767.6/18

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 22.751 $\pm$ 0.065 χ^2 /NDF: 812.5/17

Left: 22.854 $\pm$ 0.046 χ^2 /NDF: 1585.3/36

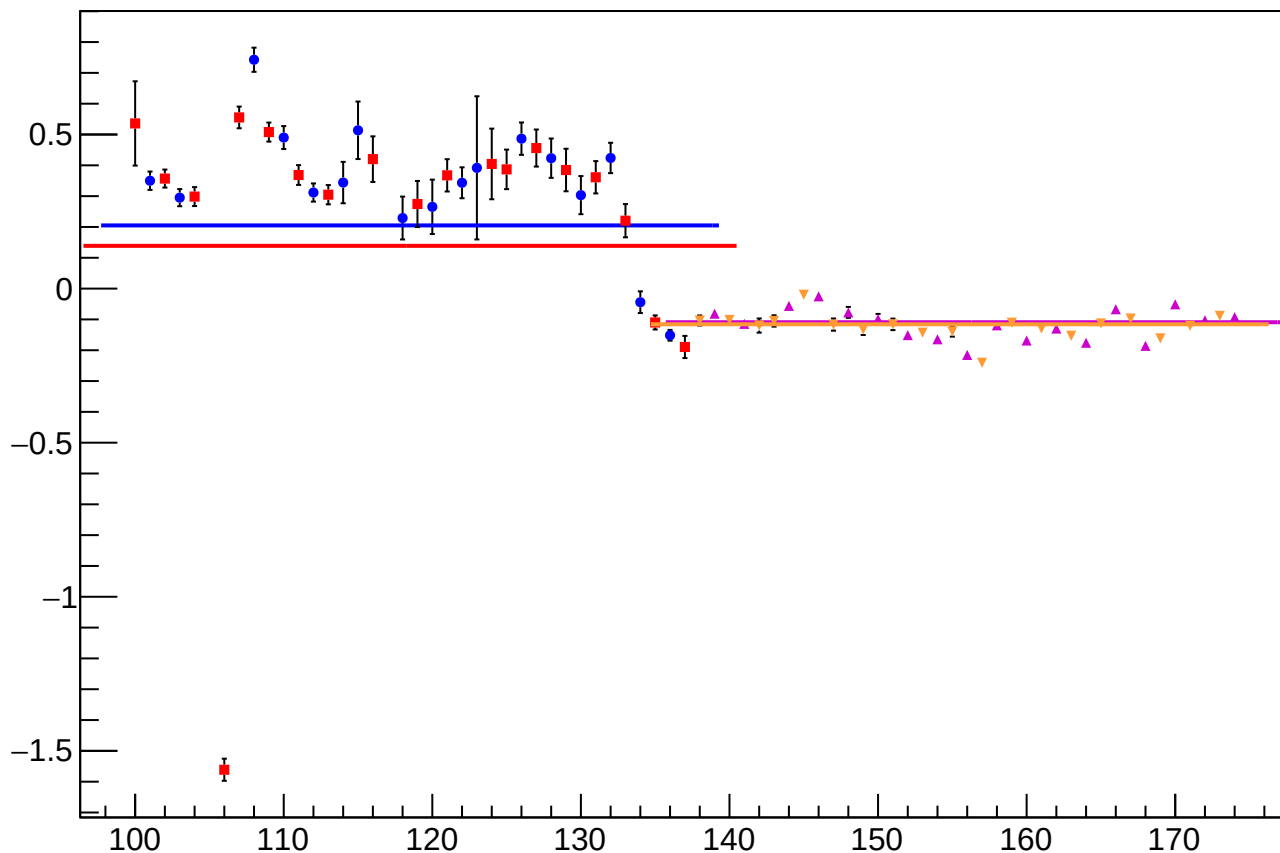
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 21.663 $\pm$ 0.061 χ^2 /NDF: 10443.7/34

Out: 21.658 $\pm$ 0.061 χ^2 /NDF: 10953.0/37

All: 21.661 $\pm$ 0.043 χ^2 /NDF: 21396.7/72

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.116 ± 0.003 $\chi^2/\text{NDF}: 209.1/18$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.109 ± 0.003 $\chi^2/\text{NDF}: 289.2/17$

Left: -0.112 ± 0.002 $\chi^2/\text{NDF}: 500.9/36$

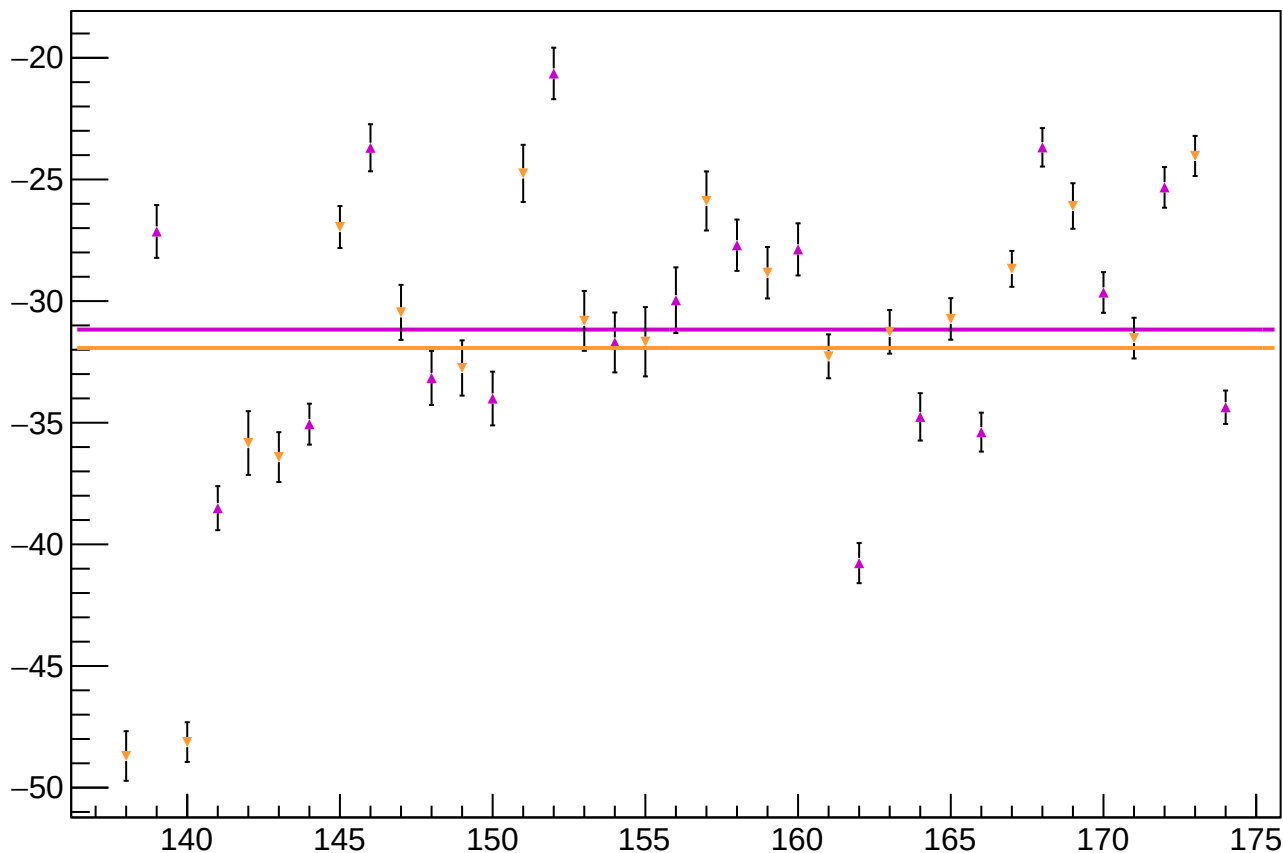
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.081 ± 0.003 $\chi^2/\text{NDF}: 2158.4/34$

Out: -0.091 ± 0.003 $\chi^2/\text{NDF}: 3918.0/37$

All: -0.086 ± 0.002 $\chi^2/\text{NDF}: 6083.1/72$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -31.926+/-0.223 χ^2/NDF :952.6/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.171+/-0.220 χ^2/NDF :631.2/17

Left: -31.543+/-0.157 χ^2/NDF : 1589.6/36

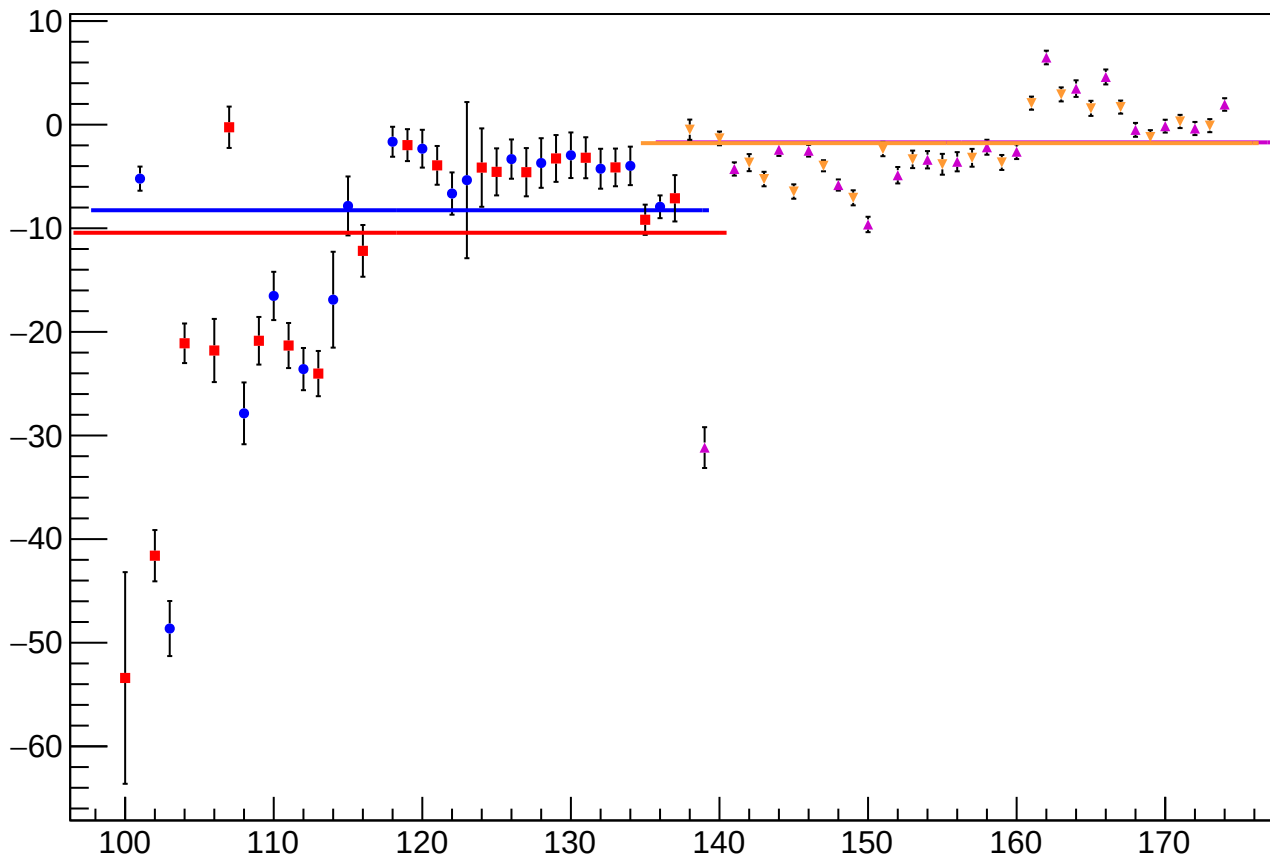
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.171+/-0.220 χ^2/NDF :631.2/17

Out: -31.926+/-0.223 χ^2/NDF :952.6/18

All: -31.543+/-0.157 χ^2/NDF : 1589.6/36

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 $\pm$ 0.463 χ^2 /NDF: 411.9/16

Left Out: -1.785 $\pm$ 0.162 χ^2 /NDF: 319.3/18

Right Out: -10.433 $\pm$ 0.491 χ^2 /NDF: 428.7/18

Left In: -1.710 $\pm$ 0.163 χ^2 /NDF: 763.9/17

Left: -1.748 $\pm$ 0.115 χ^2 /NDF: 1083.3/36

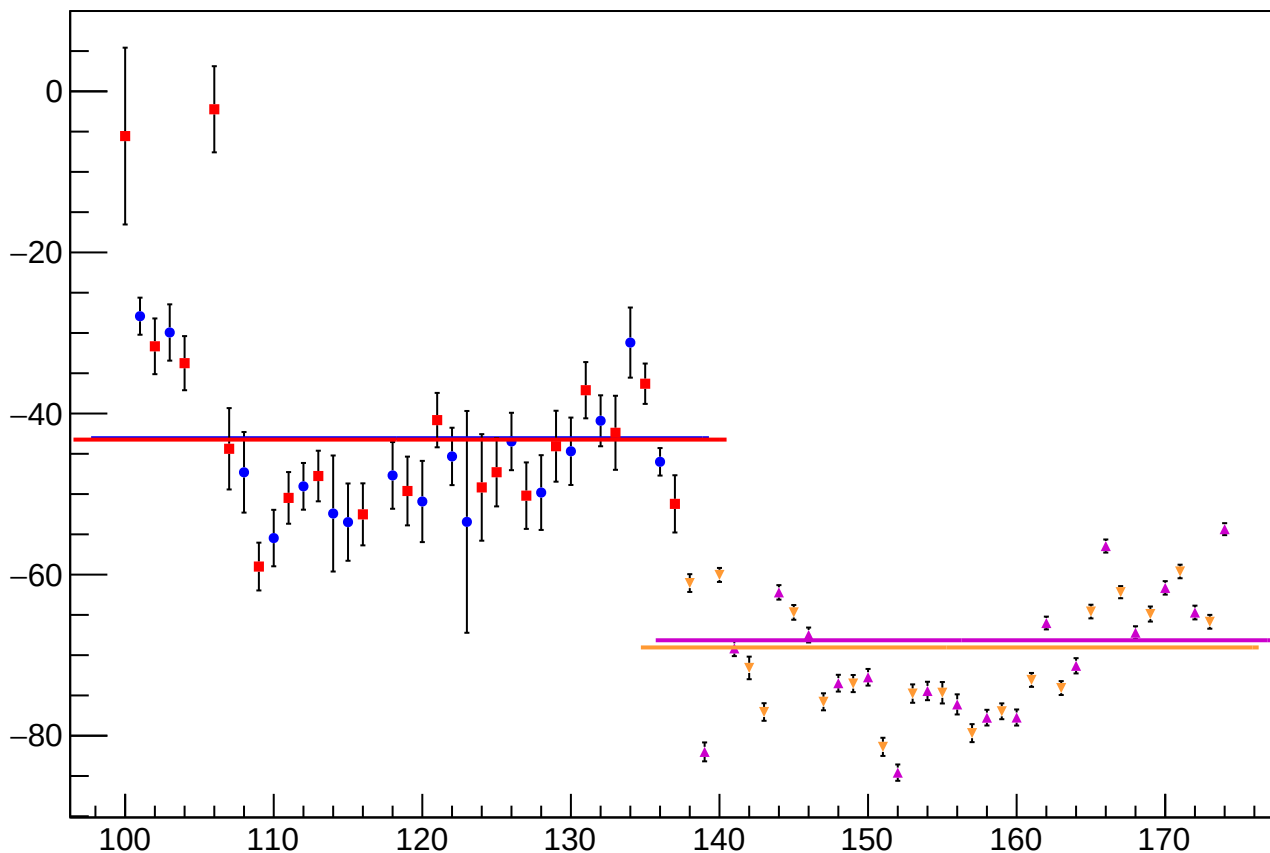
Right: -9.283 $\pm$ 0.337 χ^2 /NDF: 850.9/35

In: -2.433 $\pm$ 0.154 χ^2 /NDF: 1354.2/34

Out: -2.631 $\pm$ 0.153 χ^2 /NDF: 1028.3/37

All: -2.532 $\pm$ 0.109 χ^2 /NDF: 2383.4/72

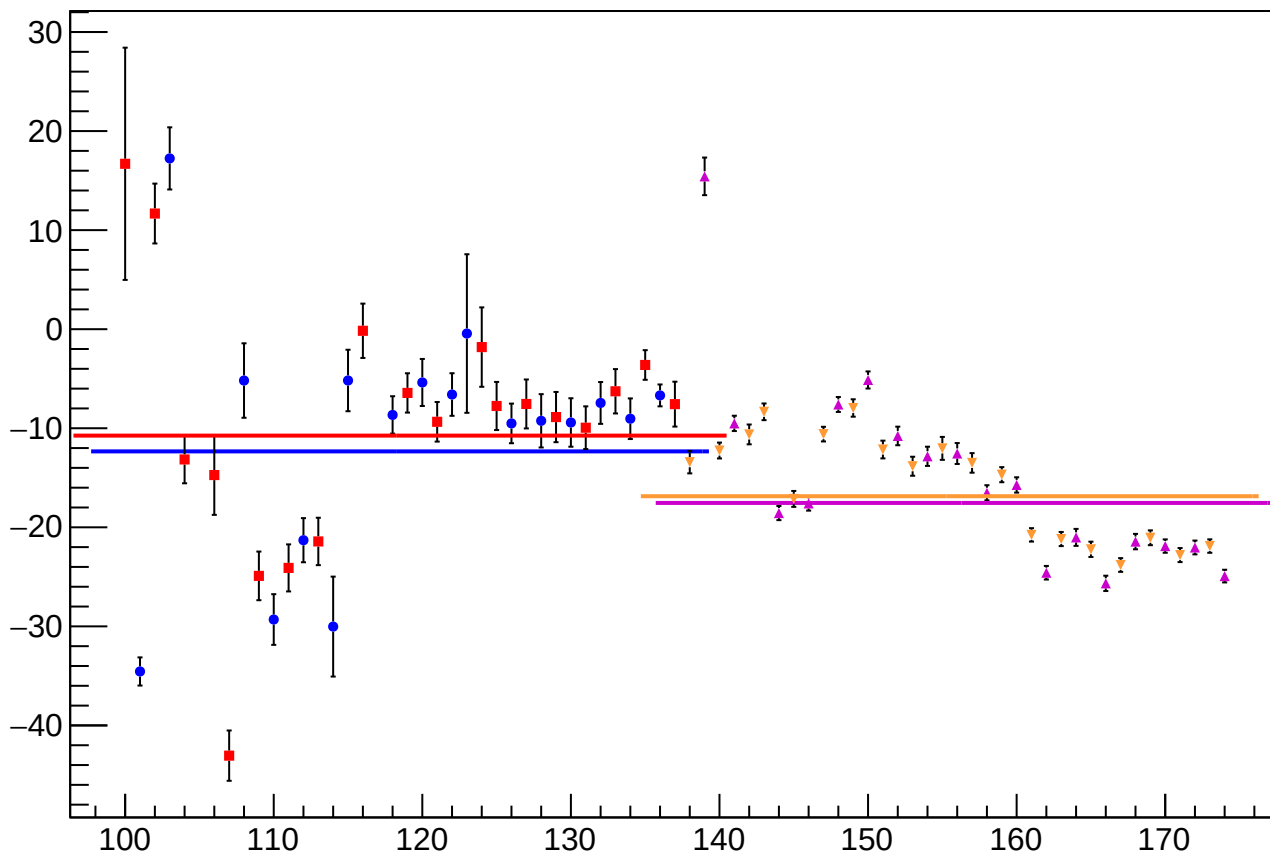
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -69.040 ± 0.223 $\chi^2/\text{NDF}: 941.8/18$
 Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$
 Left In: -68.150 ± 0.219 $\chi^2/\text{NDF}: 1401.3/17$

Left: -68.588 ± 0.156 $\chi^2/\text{NDF}: 2351.2/36$
 Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$
 In: -66.539 ± 0.212 $\chi^2/\text{NDF}: 2344.4/34$
 Out: -67.440 ± 0.216 $\chi^2/\text{NDF}: 1928.6/37$
 All: -66.981 ± 0.151 $\chi^2/\text{NDF}: 4281.9/72$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -16.862 ± 0.185 $\chi^2/\text{NDF}: 808.3/18$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -17.540 ± 0.186 $\chi^2/\text{NDF}: 1370.0/17$

Left: -17.200 ± 0.131 $\chi^2/\text{NDF}: 2185.0/36$

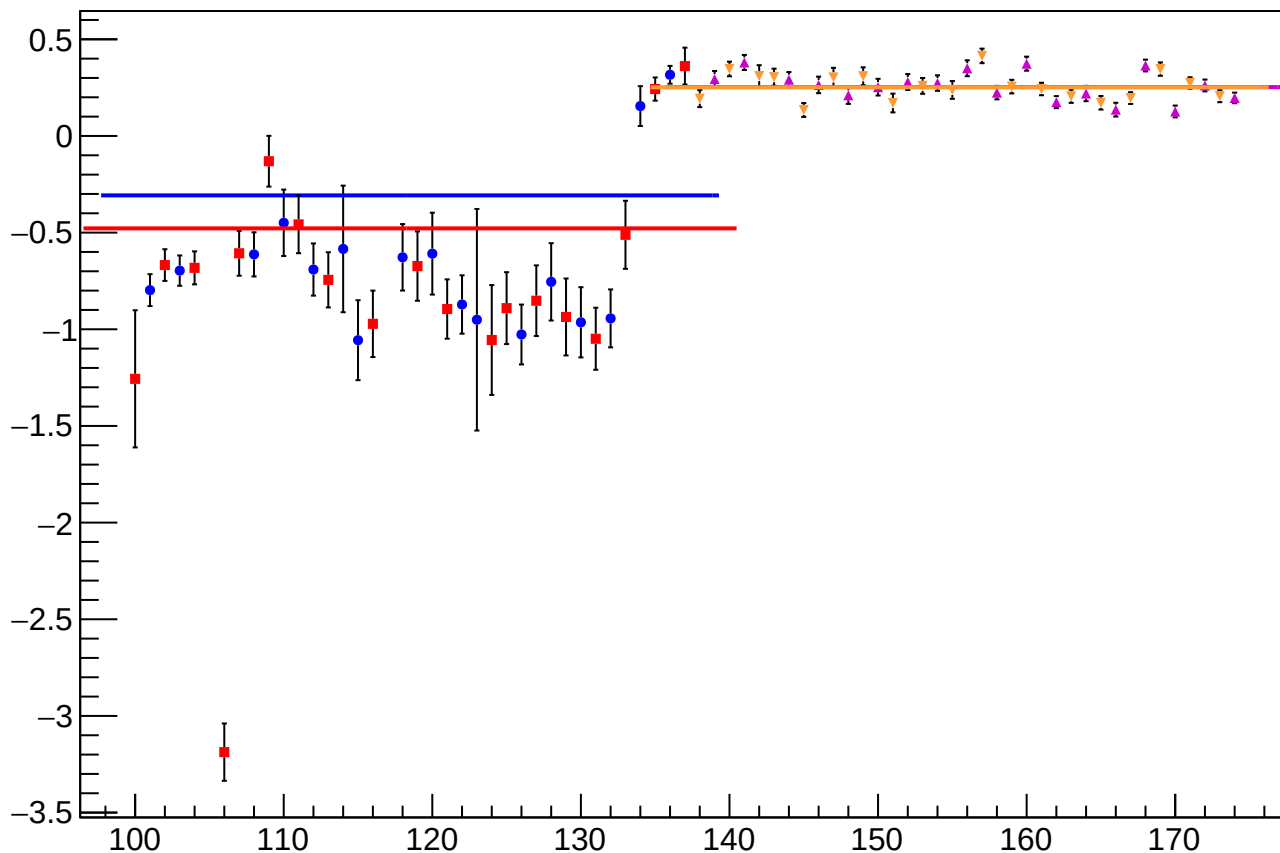
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -16.950 ± 0.175 $\chi^2/\text{NDF}: 1933.8/34$

Out: -16.244 ± 0.176 $\chi^2/\text{NDF}: 1285.2/37$

All: -16.598 ± 0.124 $\chi^2/\text{NDF}: 3227.1/72$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.252 ± 0.009 χ^2/NDF : 65.9/18

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.253 ± 0.008 χ^2/NDF : 84.0/17

Left: 0.252 ± 0.006 χ^2/NDF : 149.9/36

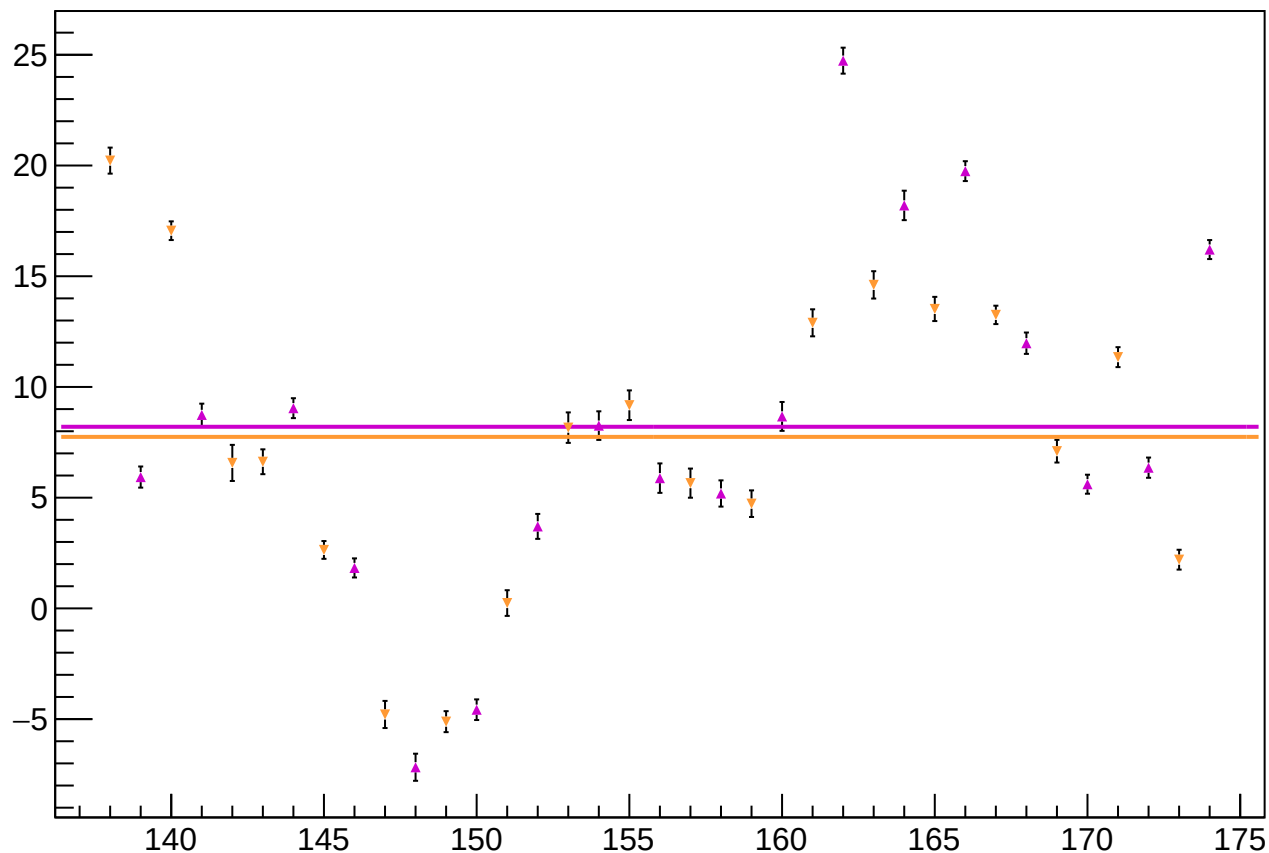
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.204 ± 0.008 χ^2/NDF : 834.1/34

Out: 0.190 ± 0.008 χ^2/NDF : 1296.7/37

All: 0.197 ± 0.006 χ^2/NDF : 2132.2/72

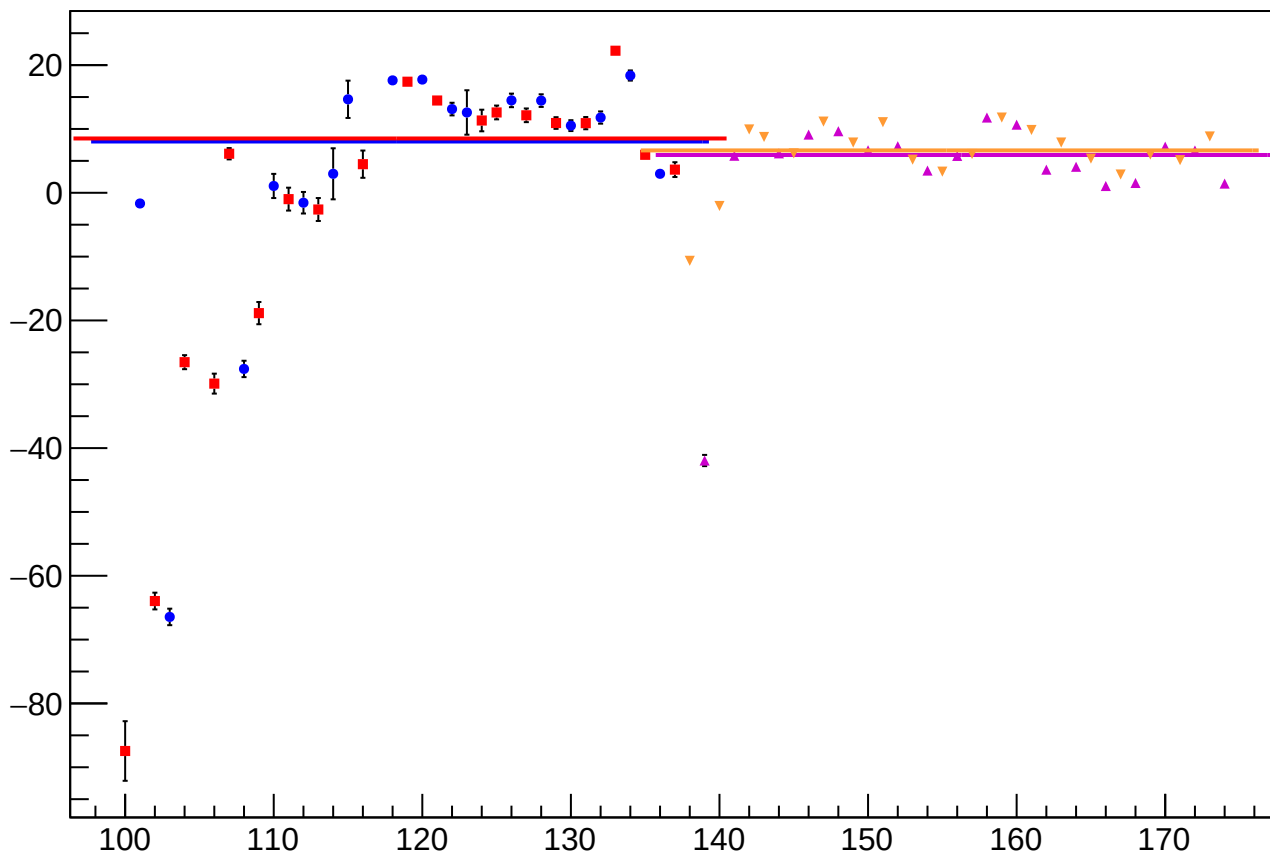
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.745+/-0.122 χ^2/NDF :3170.0/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.202+/-0.120 χ^2/NDF :3875.1/17

Left: 7.977+/-0.086 χ^2/NDF : 7052.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.202+/-0.120 χ^2/NDF :3875.1/17
 Out: 7.745+/-0.122 χ^2/NDF :3170.0/18
 All: 7.977+/-0.086 χ^2/NDF : 7052.2/36

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 χ^2/NDF : 5370.3/16

Left Out: 6.638 ± 0.089 χ^2/NDF : 2411.2/18

Right Out: 8.508 ± 0.213 χ^2/NDF : 6713.4/18

Left In: 5.920 ± 0.090 χ^2/NDF : 4074.6/17

Left: 6.284 ± 0.063 χ^2/NDF : 6518.2/36

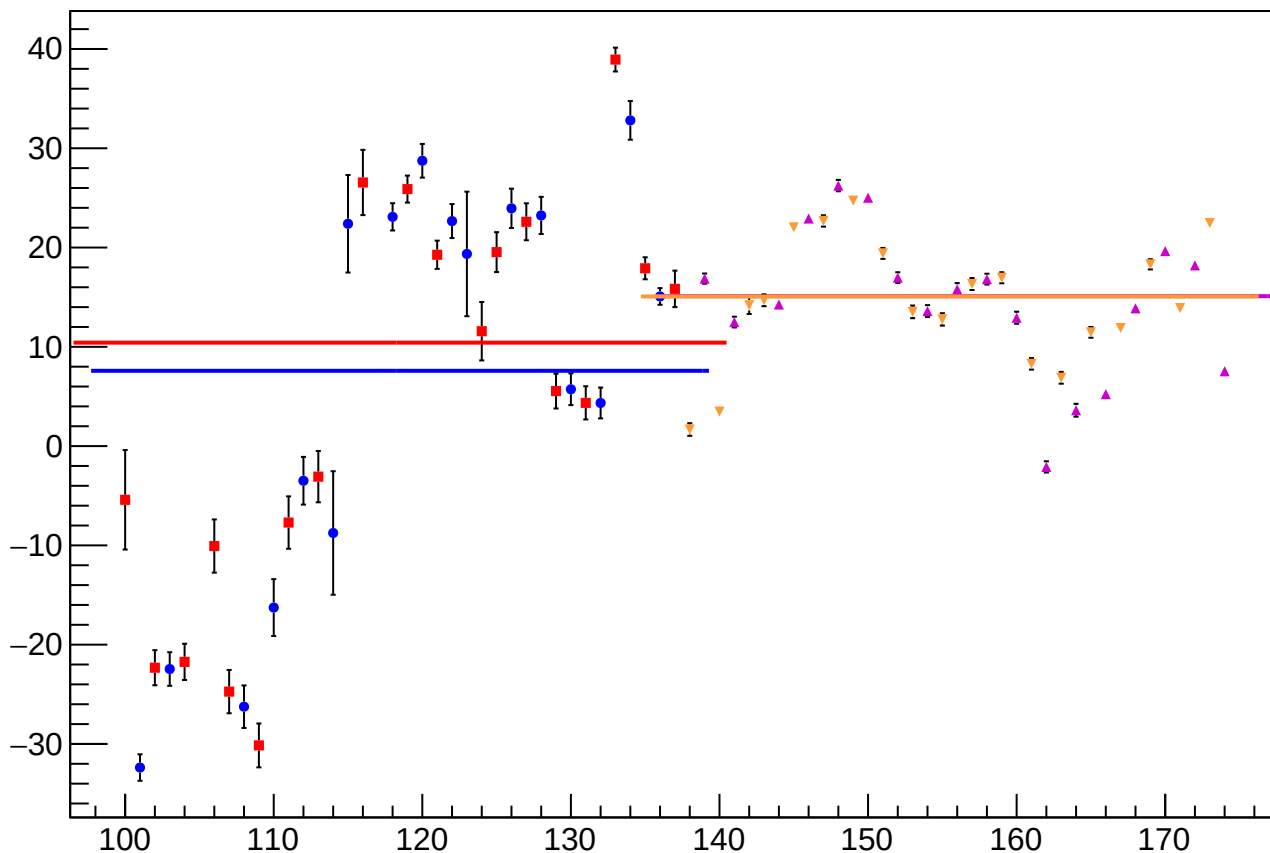
Right: 8.274 ± 0.151 χ^2/NDF : 12086.1/35

In: 6.233 ± 0.083 χ^2/NDF : 9527.1/34

Out: 6.913 ± 0.082 χ^2/NDF : 9190.3/37

All: 6.578 ± 0.058 χ^2/NDF : 18751.5/72

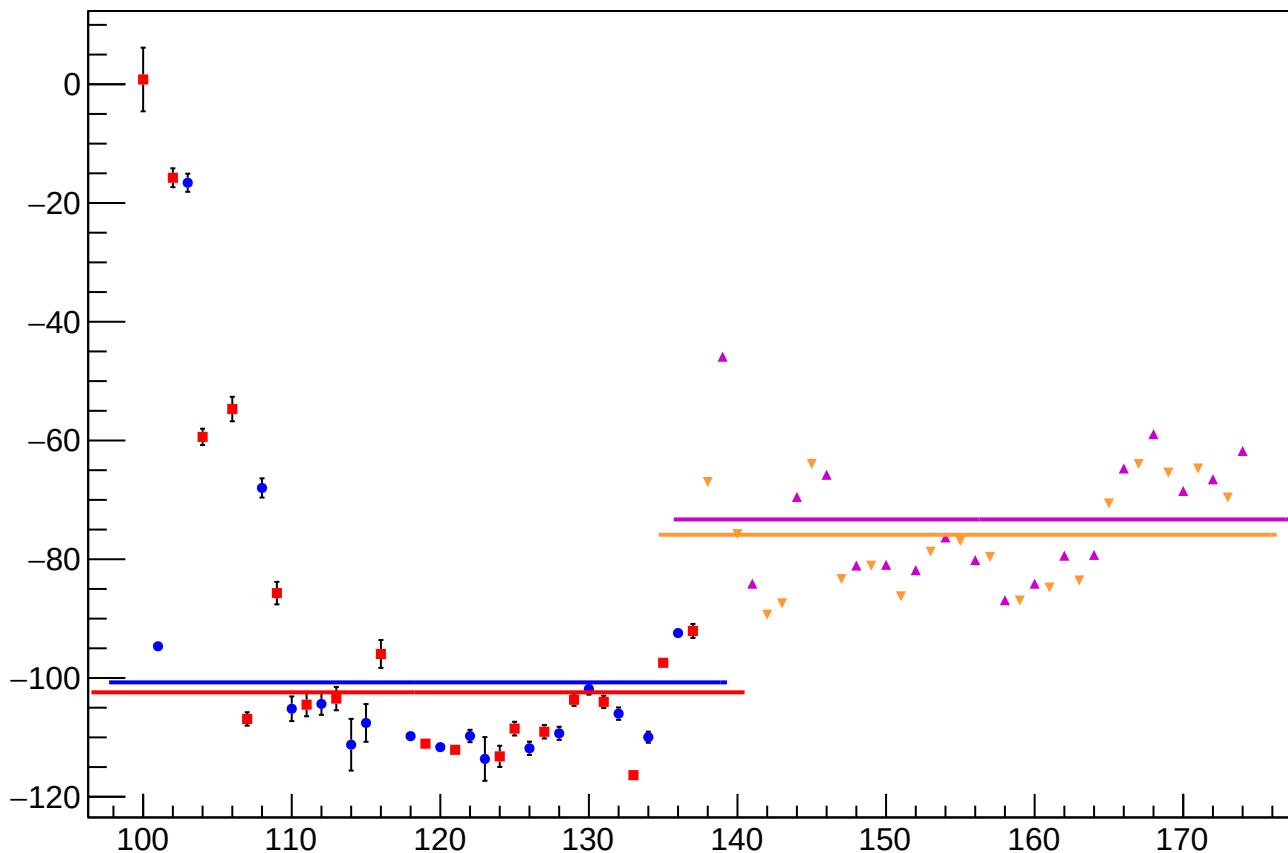
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$
 Left Out: 15.072 ± 0.122 $\chi^2/\text{NDF}: 2850.0/18$
 Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$
 Left In: 15.102 ± 0.120 $\chi^2/\text{NDF}: 3463.8/17$

Left: 15.087 ± 0.085 $\chi^2/\text{NDF}: 6313.8/36$
 Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$
 In: 14.527 ± 0.115 $\chi^2/\text{NDF}: 6087.7/34$
 Out: 14.705 ± 0.117 $\chi^2/\text{NDF}: 5254.5/37$
 All: 14.615 ± 0.082 $\chi^2/\text{NDF}: 11343.4/72$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -75.871 ± 0.102 $\chi^2/\text{NDF}: 7549.0/18$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -73.293 ± 0.103 $\chi^2/\text{NDF}: 7940.4/17$

Left: -74.591 ± 0.072 $\chi^2/\text{NDF}: 15806.3/36$

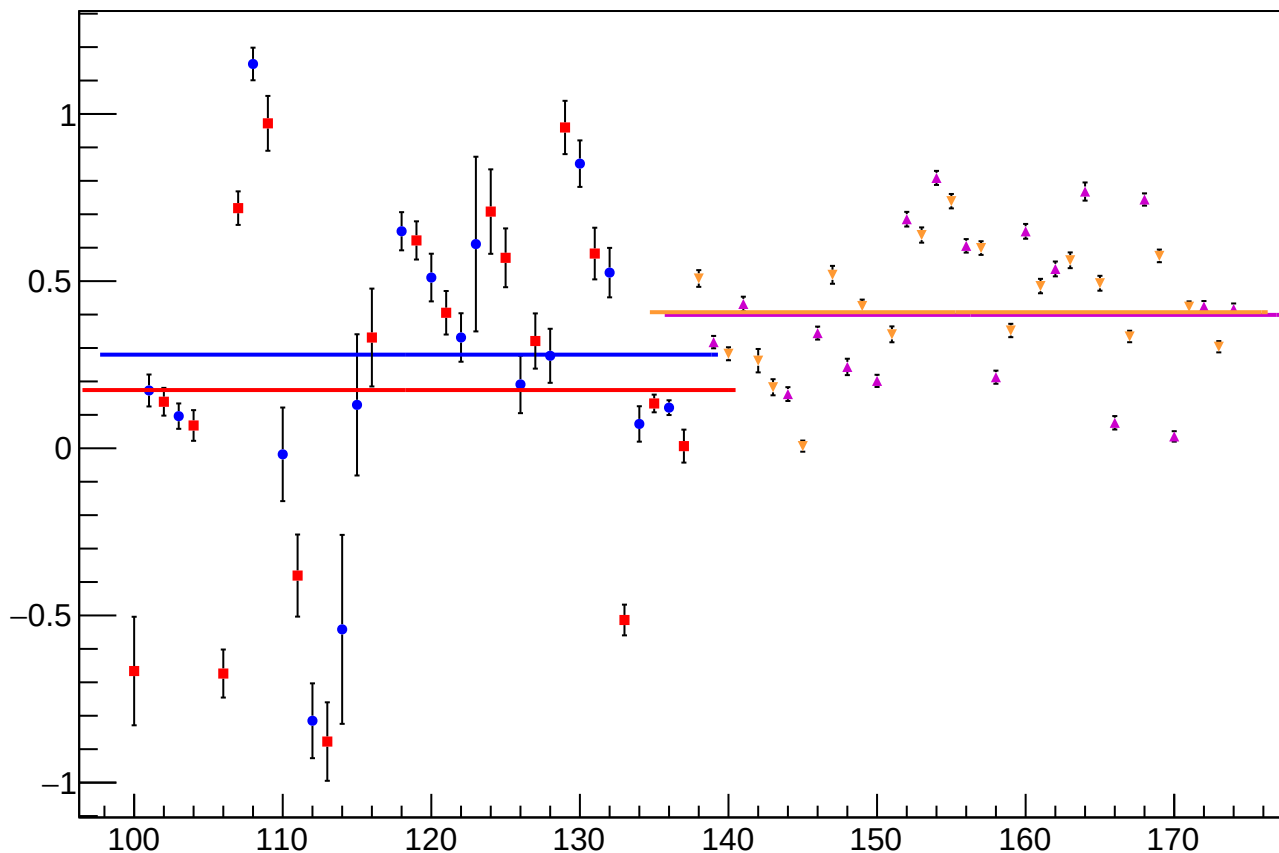
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -77.306 ± 0.095 $\chi^2/\text{NDF}: 22889.4/34$

Out: -79.770 ± 0.094 $\chi^2/\text{NDF}: 23575.8/37$

All: -78.547 ± 0.067 $\chi^2/\text{NDF}: 46804.3/72$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.280 ± 0.013 χ^2/NDF : 656.4/16

Left Out: 0.407 ± 0.005 χ^2/NDF : 1408.1/18

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.399 ± 0.005 χ^2/NDF : 2564.9/17

Left: 0.403 ± 0.003 χ^2/NDF : 3974.5/36

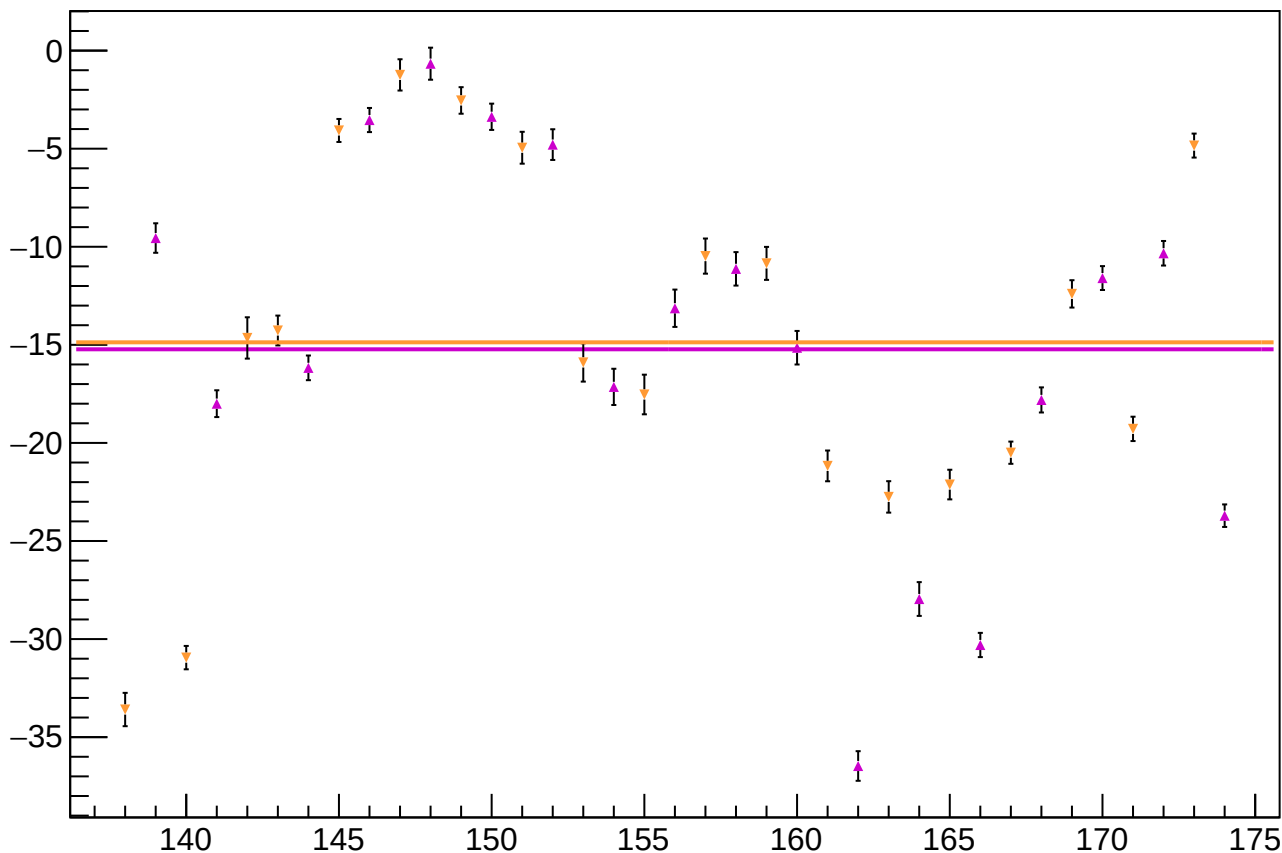
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.386 ± 0.004 χ^2/NDF : 3290.9/34

Out: 0.381 ± 0.004 χ^2/NDF : 2639.6/37

All: 0.384 ± 0.003 χ^2/NDF : 5931.1/72

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.872+/-0.169 χ^2/NDF :3065.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Left: -15.052+/-0.119 χ^2/NDF : 6281.2/36

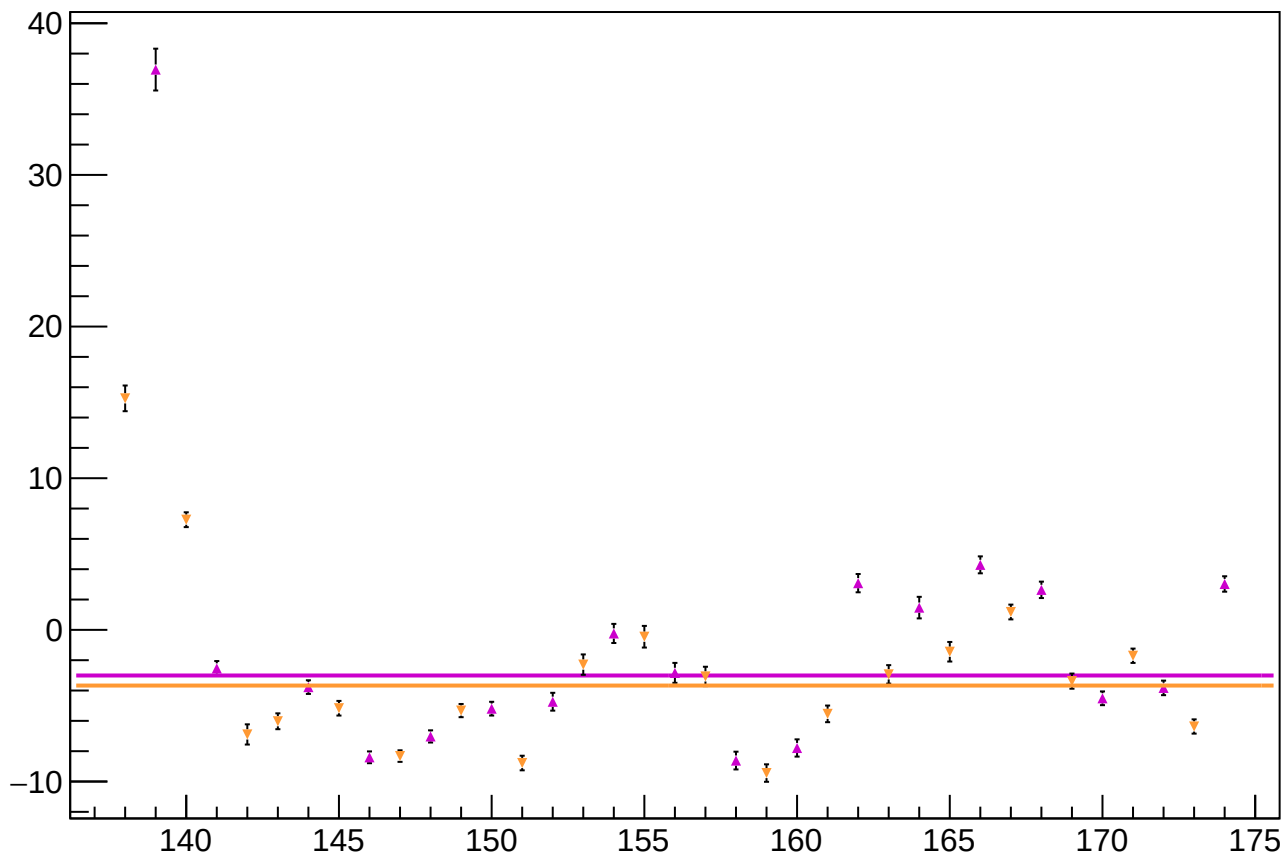
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.228+/-0.167 χ^2/NDF :3213.7/17

Out: -14.872+/-0.169 χ^2/NDF :3065.2/18

All: -15.052+/-0.119 χ^2/NDF : 6281.2/36

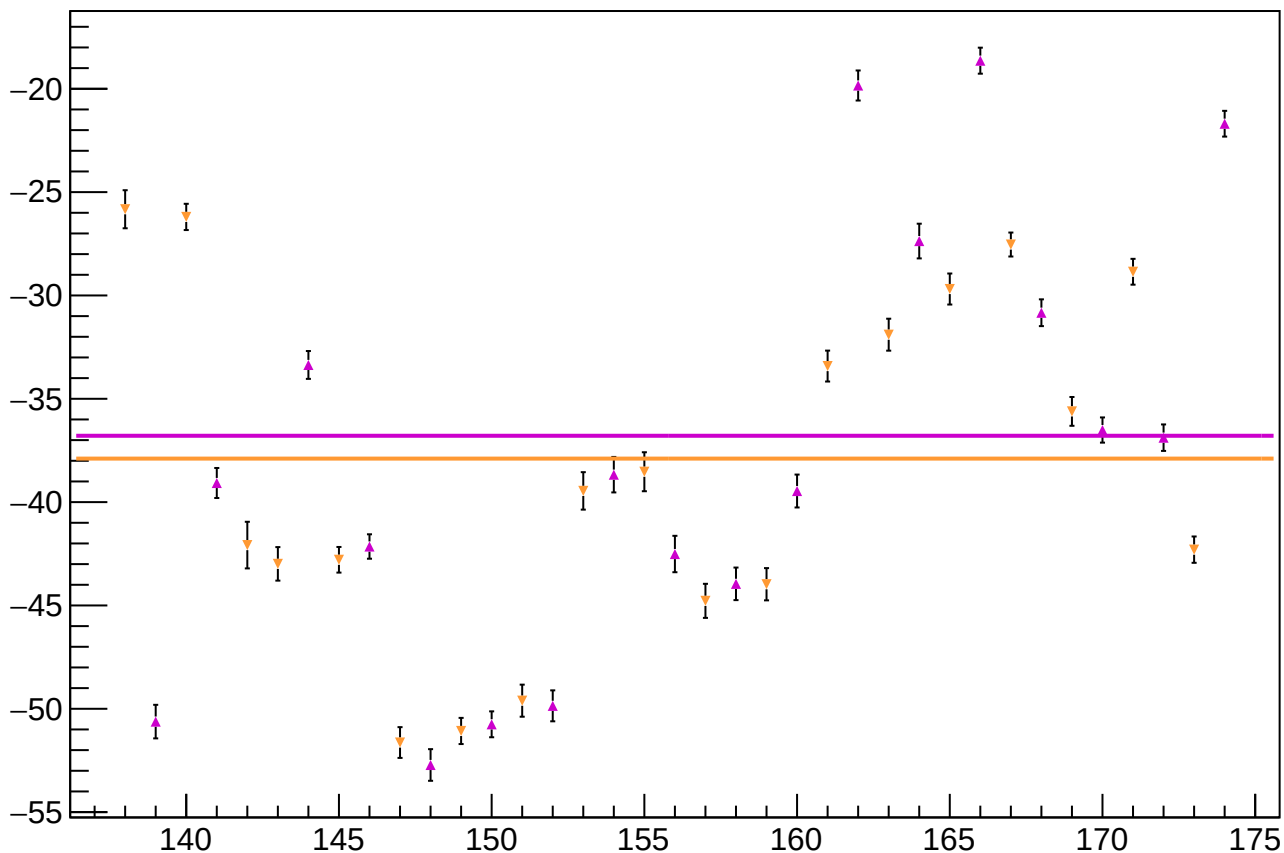
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.672+/-0.122 χ^2/NDF :1629.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.009+/-0.124 χ^2/NDF :1924.4/17

Left: -3.345+/-0.087 χ^2/NDF : 3568.5/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.009+/-0.124 χ^2/NDF :1924.4/17
 Out: -3.672+/-0.122 χ^2/NDF :1629.5/18
 All: -3.345+/-0.087 χ^2/NDF : 3568.5/36

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: -37.894+/-0.168 χ^2/NDF :2564.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.789+/-0.166 χ^2/NDF :3955.4/17

Left: -37.334+/-0.118 χ^2/NDF : 6541.9/36

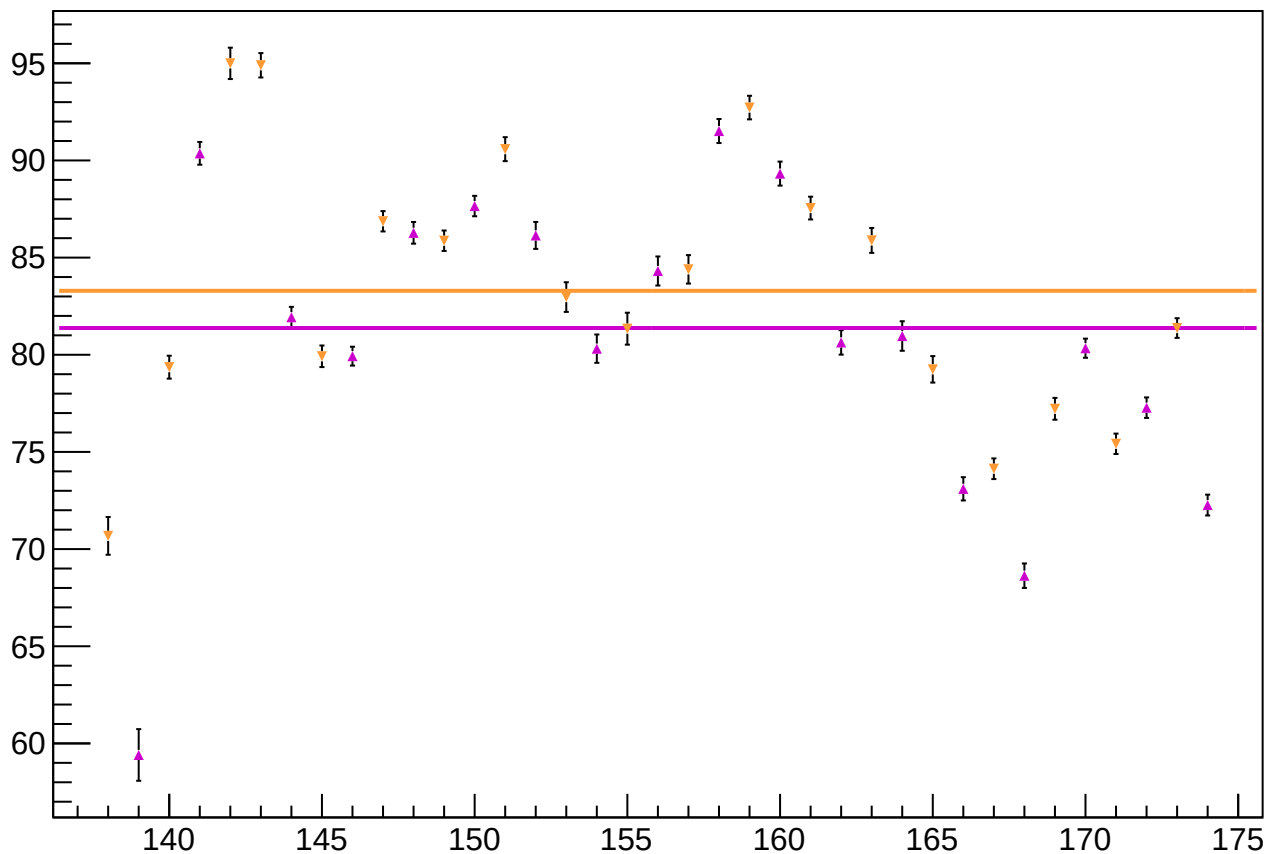
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.789+/-0.166 χ^2/NDF :3955.4/17

Out: -37.894+/-0.168 χ^2/NDF :2564.7/18

All: -37.334+/-0.118 χ^2/NDF : 6541.9/36

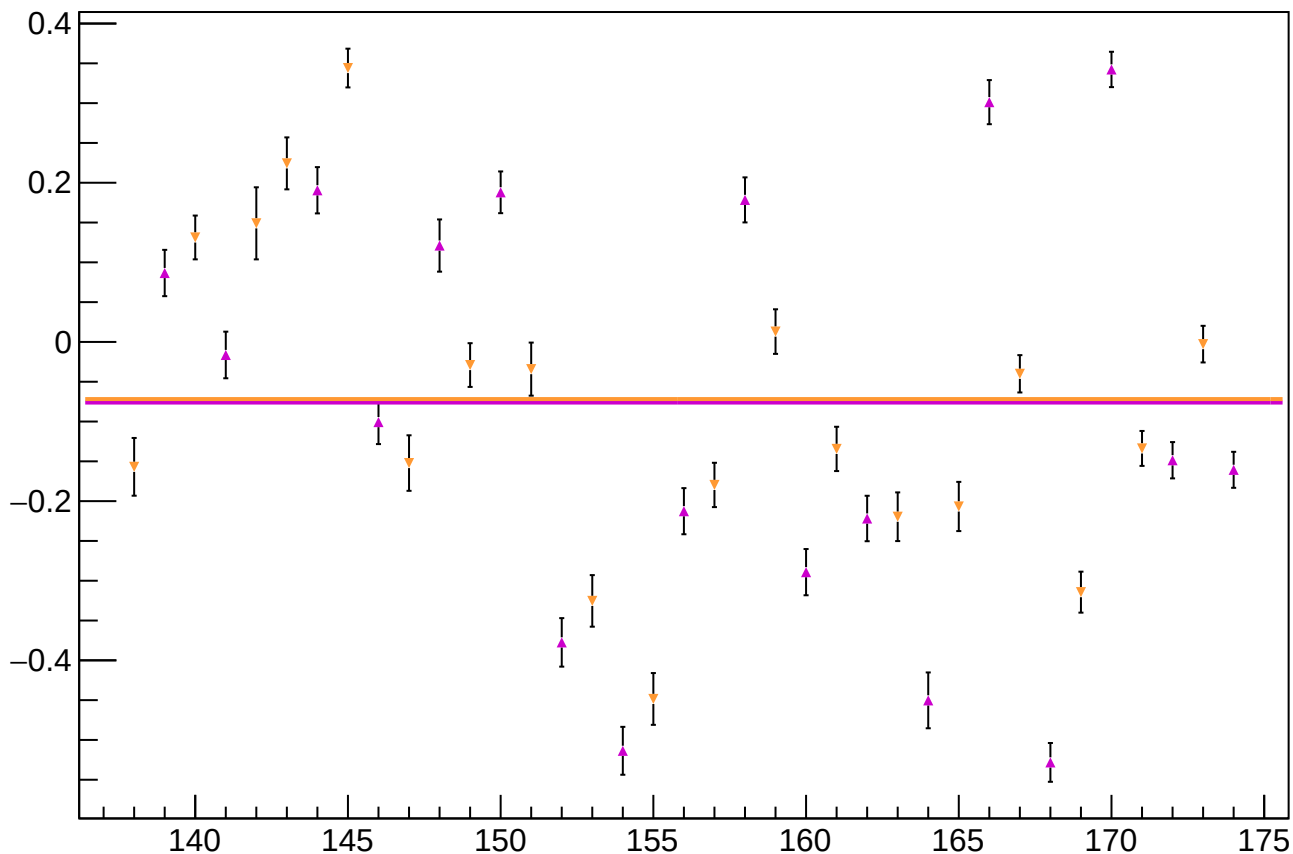
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 83.291+/-0.140 χ^2/NDF :2019.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 81.377+/-0.142 χ^2/NDF :2195.3/17

Left: 82.342+/-0.100 χ^2/NDF : 4307.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 81.377+/-0.142 χ^2/NDF :2195.3/17
 Out: 83.291+/-0.140 χ^2/NDF :2019.7/18
 All: 82.342+/-0.100 χ^2/NDF : 4307.2/36

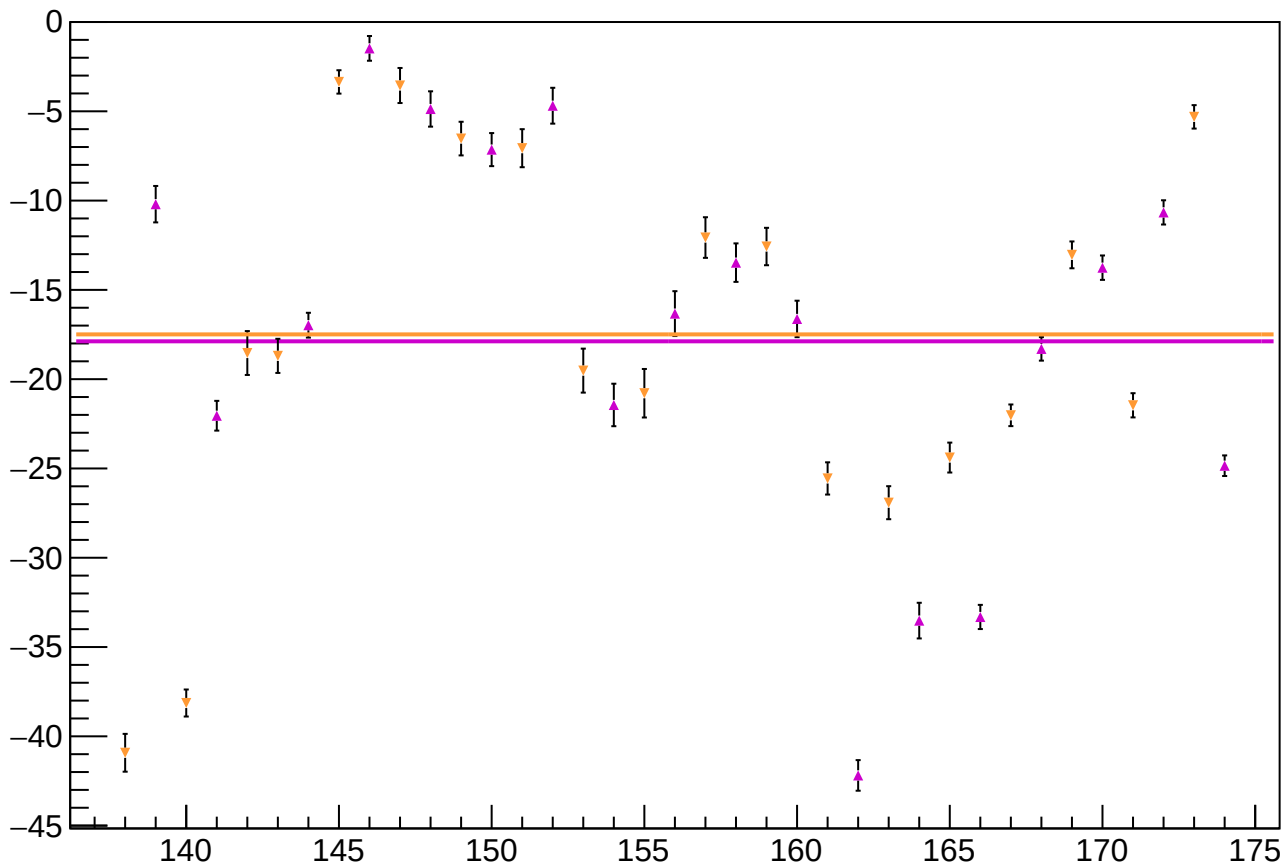
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.072+/-0.007 χ^2/NDF :841.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.076+/-0.006 χ^2/NDF :1772.6/17

Left: -0.074+/-0.005 χ^2/NDF : 2614.4/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.076+/-0.006 χ^2/NDF :1772.6/17
 Out: -0.072+/-0.007 χ^2/NDF :841.5/18
 All: -0.074+/-0.005 χ^2/NDF : 2614.4/36

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: -17.492+/-0.198 χ^2/NDF :2909.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.881+/-0.192 χ^2/NDF :3018.8/17

Left: -17.692+/-0.138 χ^2/NDF : 5930.3/36

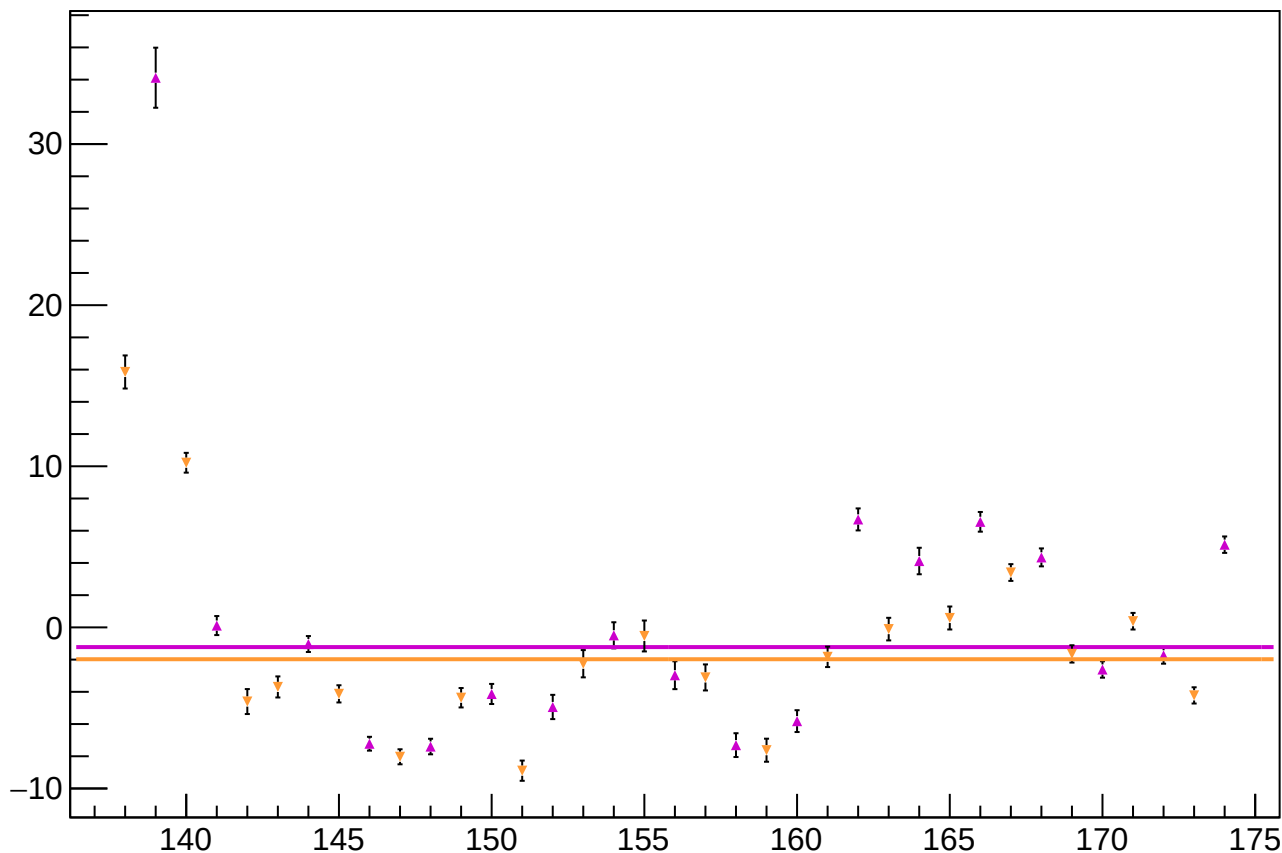
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.881+/-0.192 χ^2/NDF :3018.8/17

Out: -17.492+/-0.198 χ^2/NDF :2909.5/18

All: -17.692+/-0.138 χ^2/NDF : 5930.3/36

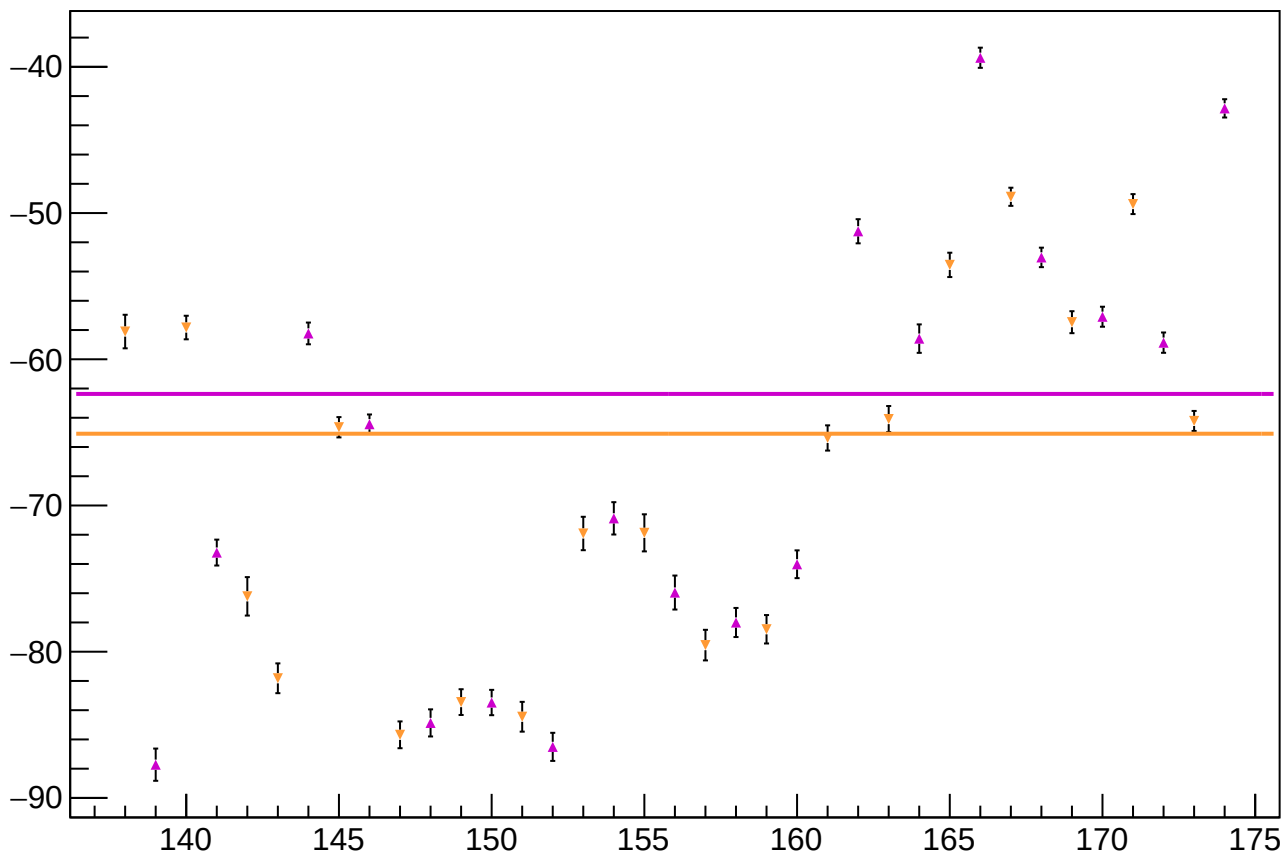
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.977 ± 0.144 $\chi^2/\text{NDF}: 1270.7/18$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -1.223 ± 0.143 $\chi^2/\text{NDF}: 1490.4/17$

Left: -1.597 ± 0.101 $\chi^2/\text{NDF}: 2775.0/36$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -1.223 ± 0.143 $\chi^2/\text{NDF}: 1490.4/17$
 Out: -1.977 ± 0.144 $\chi^2/\text{NDF}: 1270.7/18$
 All: -1.597 ± 0.101 $\chi^2/\text{NDF}: 2775.0/36$

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: -65.091+/-0.198 χ^2/NDF :3714.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.370+/-0.192 χ^2/NDF :5689.8/17

Left: -63.688+/-0.138 χ^2/NDF : 9501.6/36

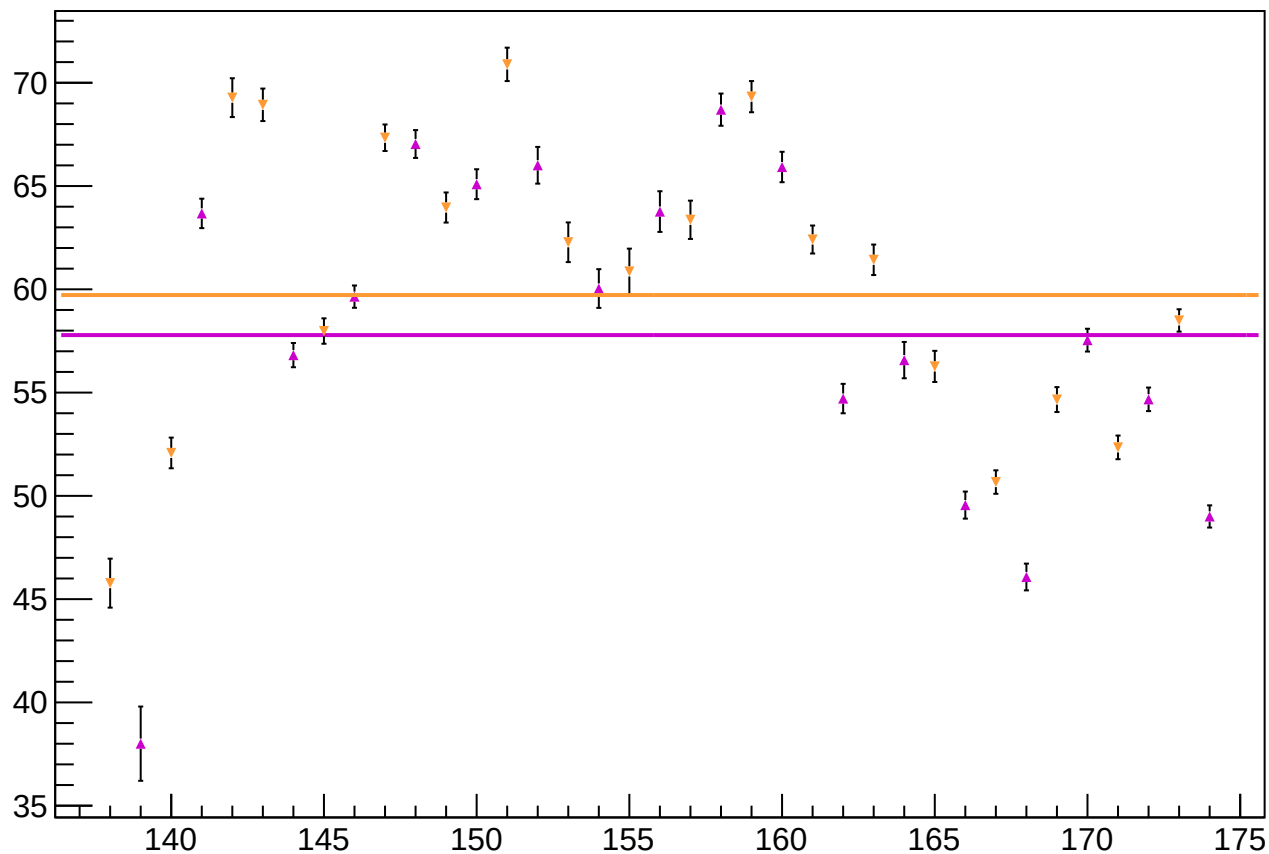
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.370+/-0.192 χ^2/NDF :5689.8/17

Out: -65.091+/-0.198 χ^2/NDF :3714.8/18

All: -63.688+/-0.138 χ^2/NDF : 9501.6/36

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 59.722+/-0.165 χ^2/NDF :1580.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 57.784+/-0.163 χ^2/NDF :1742.5/17

Left: 58.743+/-0.116 χ^2/NDF : 3393.0/36

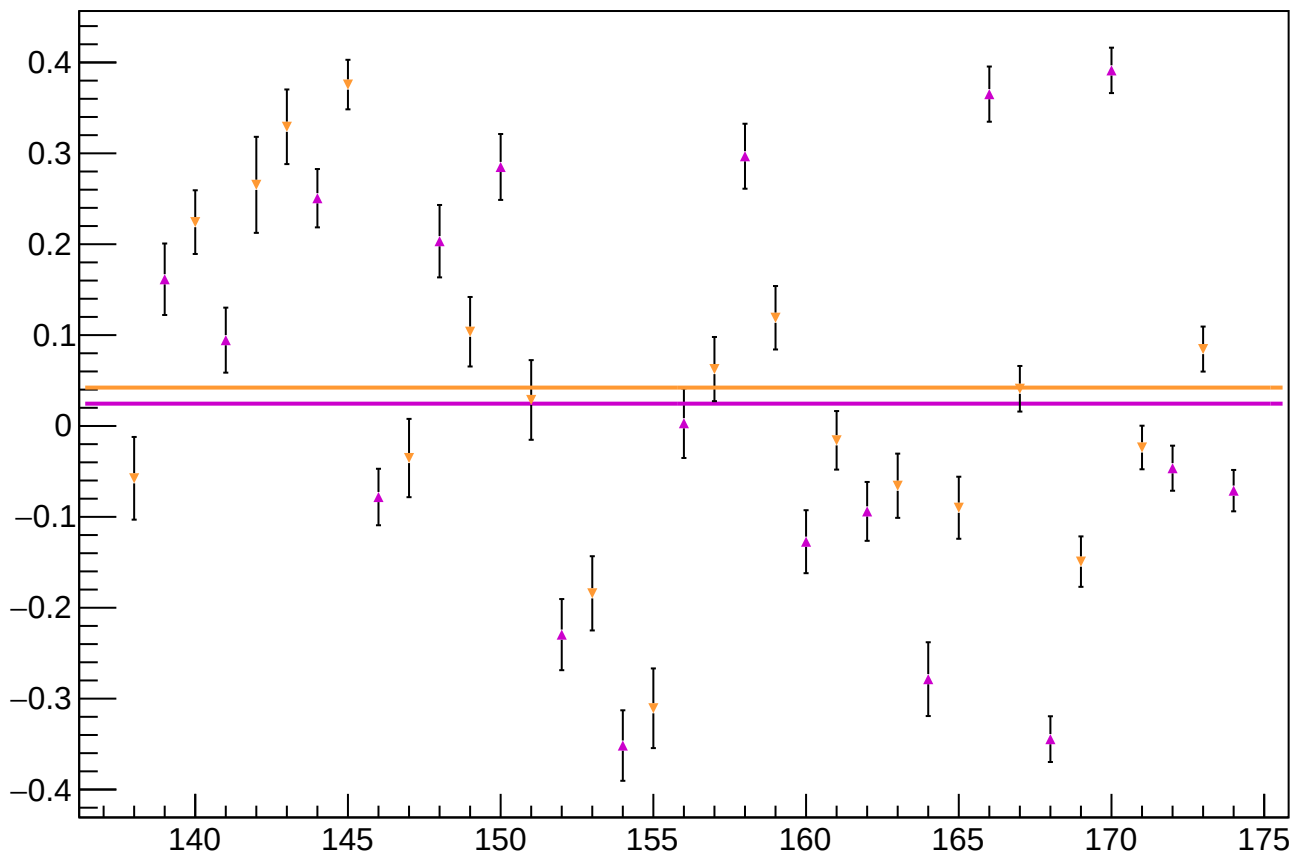
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 57.784+/-0.163 χ^2/NDF :1742.5/17

Out: 59.722+/-0.165 χ^2/NDF :1580.9/18

All: 58.743+/-0.116 χ^2/NDF : 3393.0/36

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: 0.042 $\pm$ 0.008 χ^2 /NDF:440.5/18

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Left: 0.033 $\pm$ 0.005 χ^2 /NDF: 1456.3/36

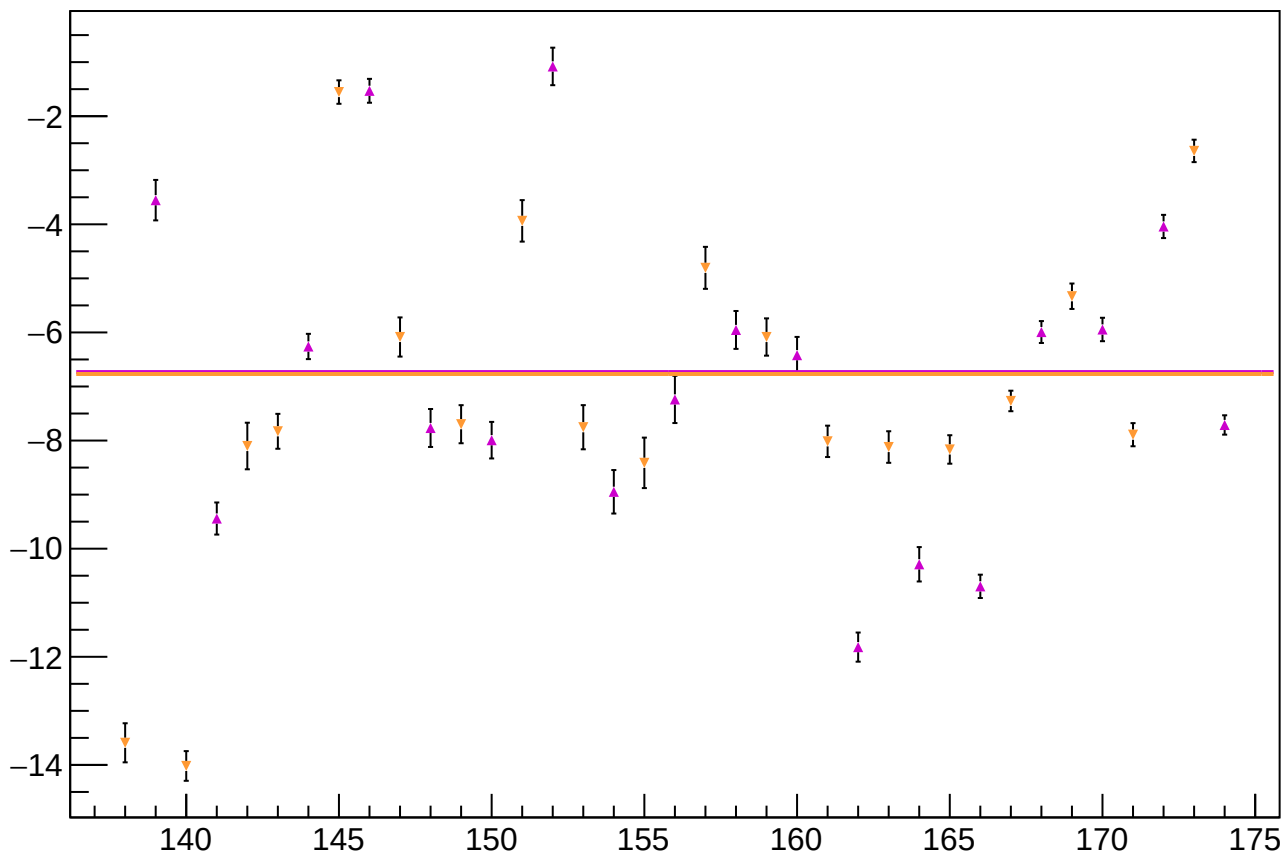
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.025 $\pm$ 0.007 χ^2 /NDF:1013.2/17

Out: 0.042 $\pm$ 0.008 χ^2 /NDF:440.5/18

All: 0.033 $\pm$ 0.005 χ^2 /NDF: 1456.3/36

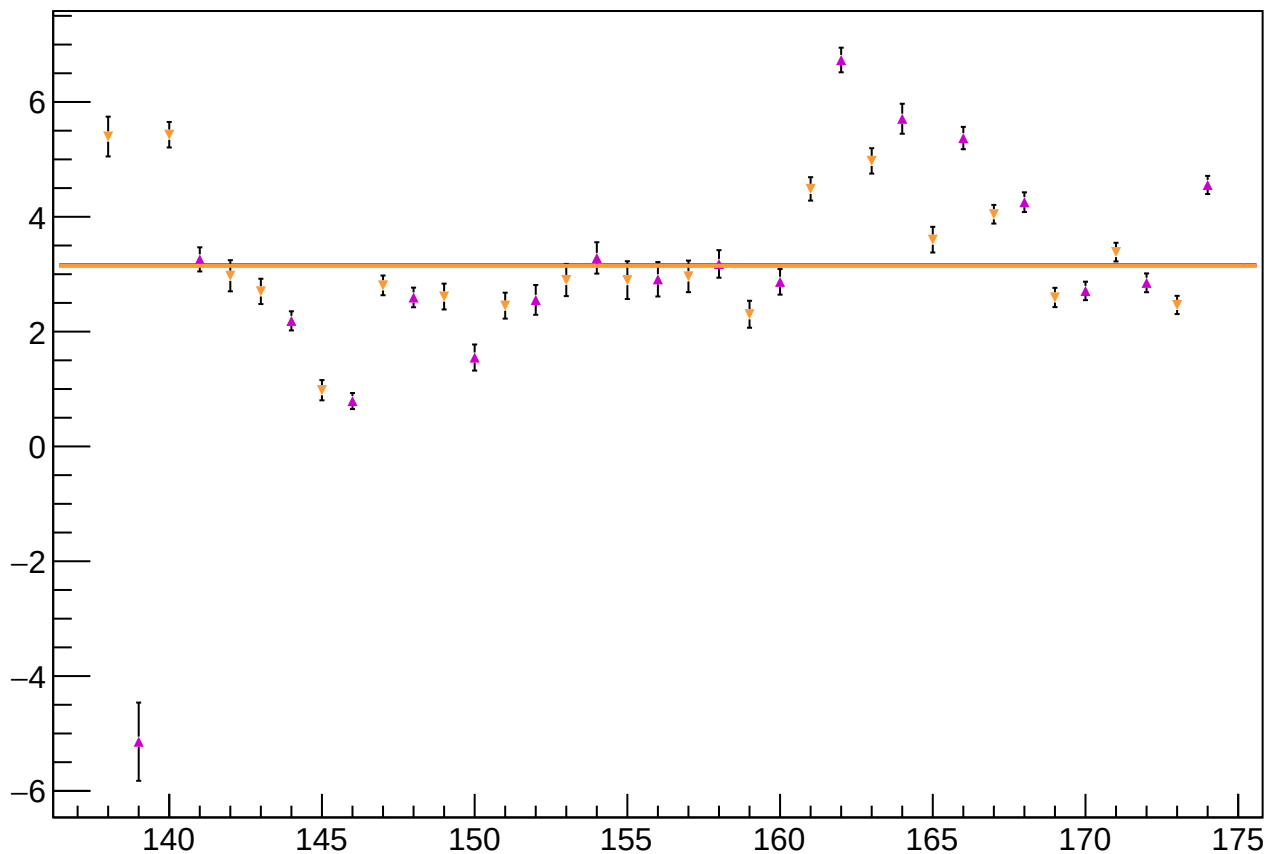
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.768+/-0.065 χ^2/NDF :2299.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.733+/-0.063 χ^2/NDF :2072.2/17

Left: -6.750+/-0.045 χ^2/NDF : 4371.7/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.733+/-0.063 χ^2/NDF :2072.2/17
 Out: -6.768+/-0.065 χ^2/NDF :2299.3/18
 All: -6.750+/-0.045 χ^2/NDF : 4371.7/36

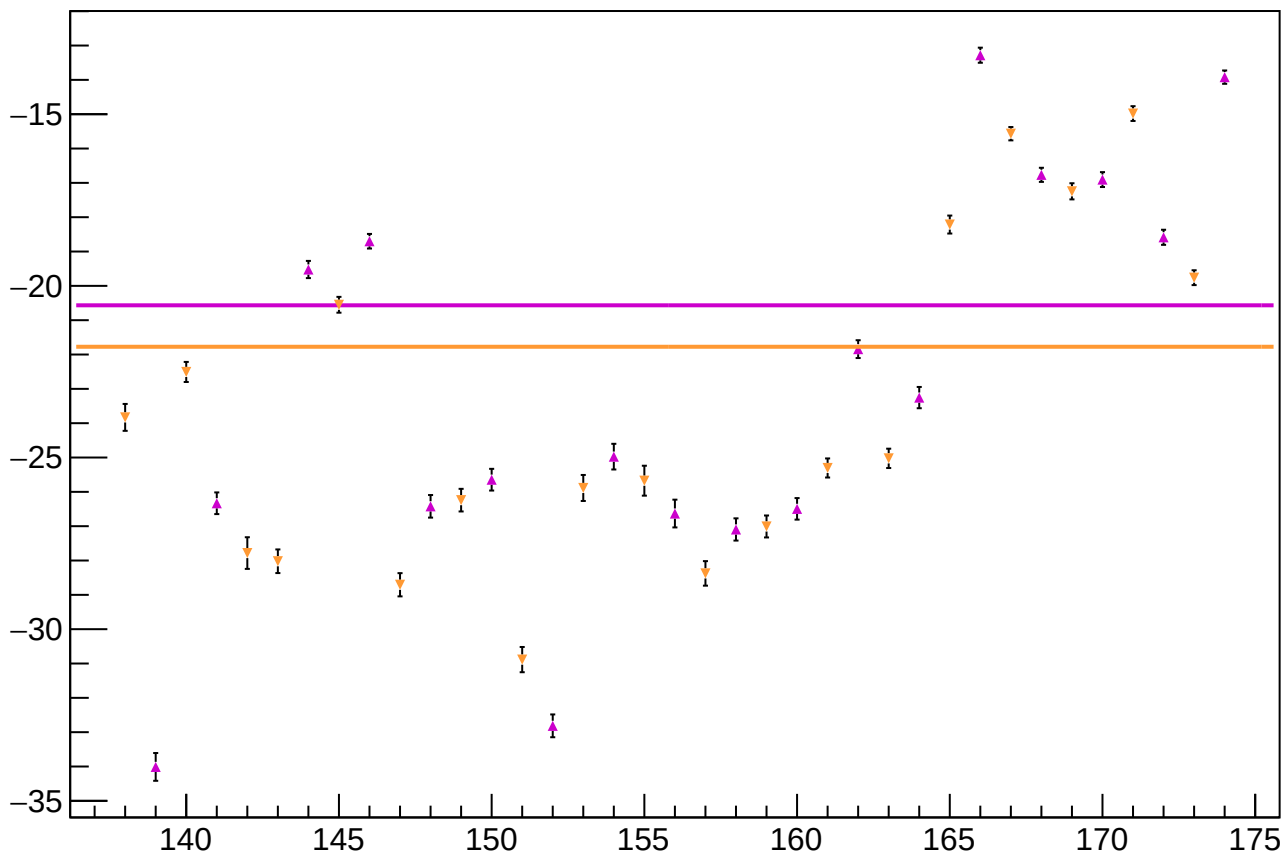
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.146 $\pm$ 0.048 χ^2 /NDF:514.6/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.157 $\pm$ 0.047 χ^2 /NDF:1171.4/17

Left: 3.152 $\pm$ 0.033 χ^2 /NDF: 1686.0/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.157 $\pm$ 0.047 χ^2 /NDF:1171.4/17
 Out: 3.146 $\pm$ 0.048 χ^2 /NDF:514.6/18
 All: 3.152 $\pm$ 0.033 χ^2 /NDF: 1686.0/36

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: -21.774+/-0.065 χ^2/NDF : 5539.5/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -20.566+/-0.063 χ^2/NDF : 7674.5/17

Left: -21.145+/-0.045 χ^2/NDF : 13391.1/36

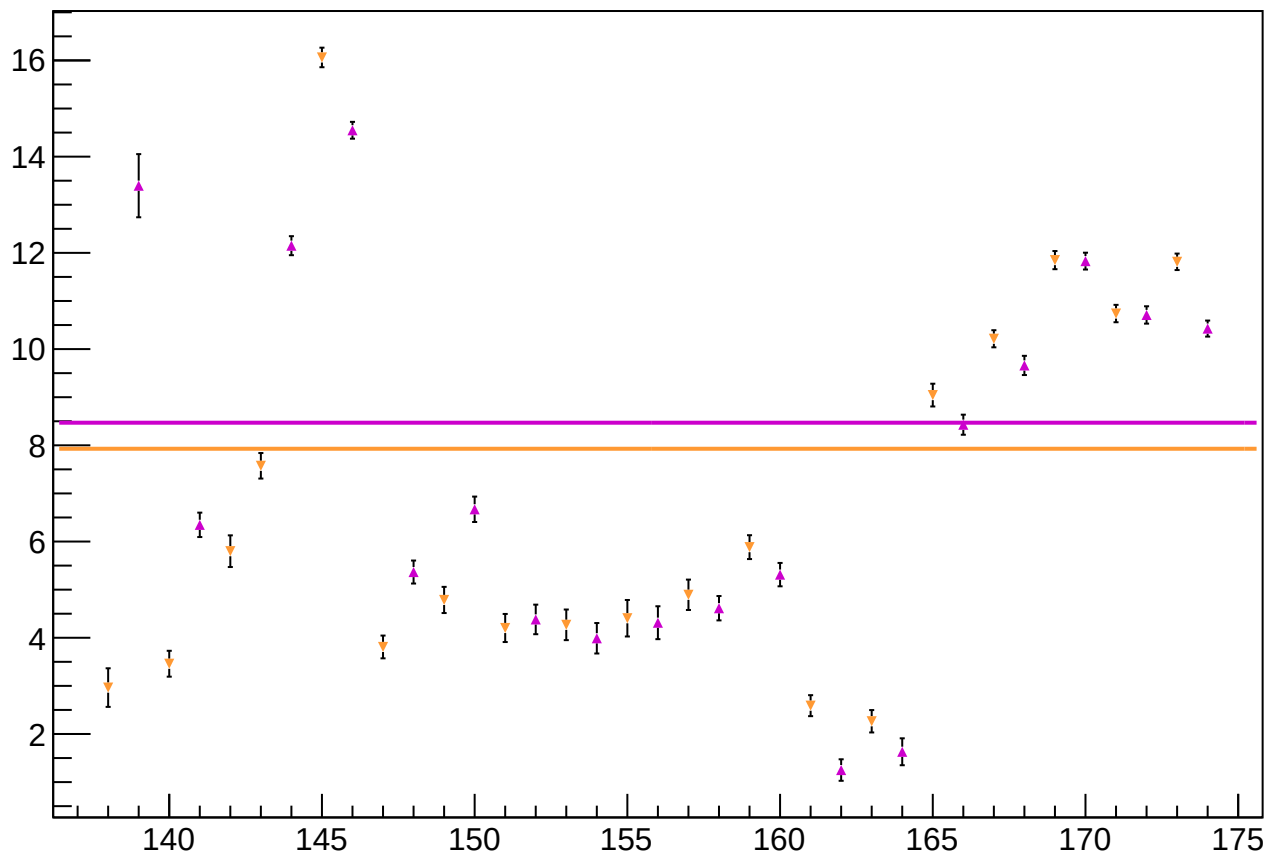
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.566+/-0.063 χ^2/NDF : 7674.5/17

Out: -21.774+/-0.065 χ^2/NDF : 5539.5/18

All: -21.145+/-0.045 χ^2/NDF : 13391.1/36

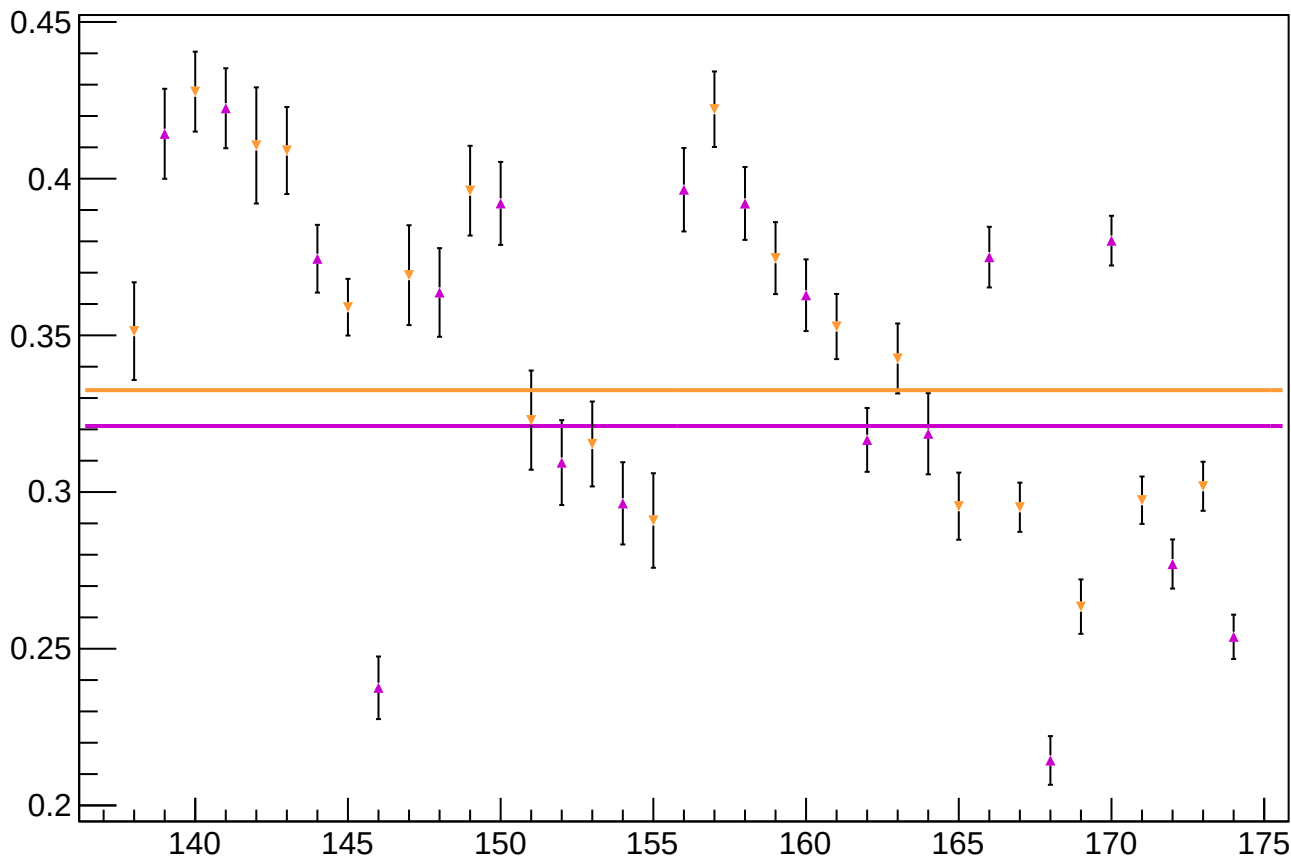
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.929+/-0.055 χ^2/NDF :5622.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.470+/-0.053 χ^2/NDF :5158.7/17

Left: 8.205+/-0.038 χ^2/NDF : 10831.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.470+/-0.053 χ^2/NDF :5158.7/17
 Out: 7.929+/-0.055 χ^2/NDF :5622.3/18
 All: 8.205+/-0.038 χ^2/NDF : 10831.2/36

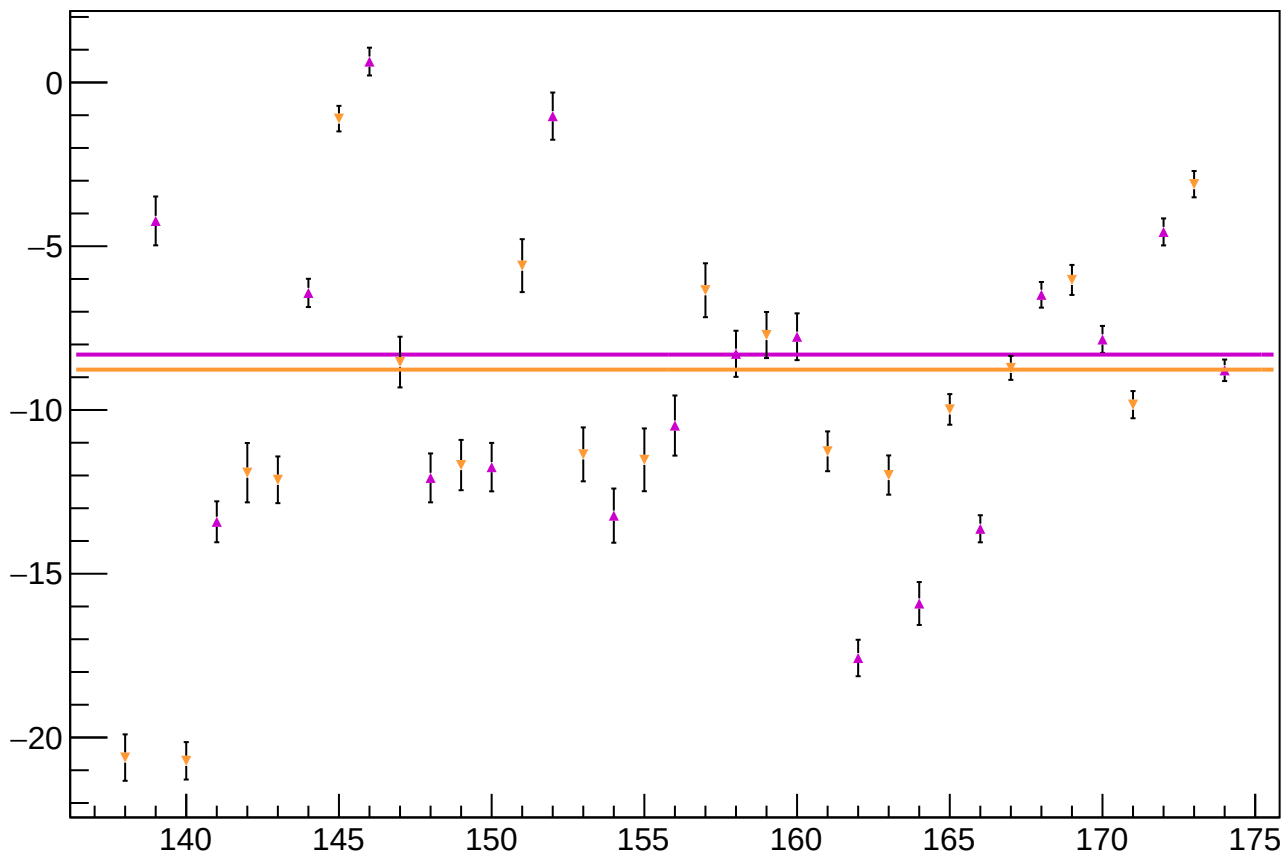
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.333 $\pm$ 0.003 χ^2 /NDF:356.7/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17

Left: 0.327 $\pm$ 0.002 χ^2 /NDF: 1089.5/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.321 $\pm$ 0.002 χ^2 /NDF:722.2/17
 Out: 0.333 $\pm$ 0.003 χ^2 /NDF:356.7/18
 All: 0.327 $\pm$ 0.002 χ^2 /NDF: 1089.5/36

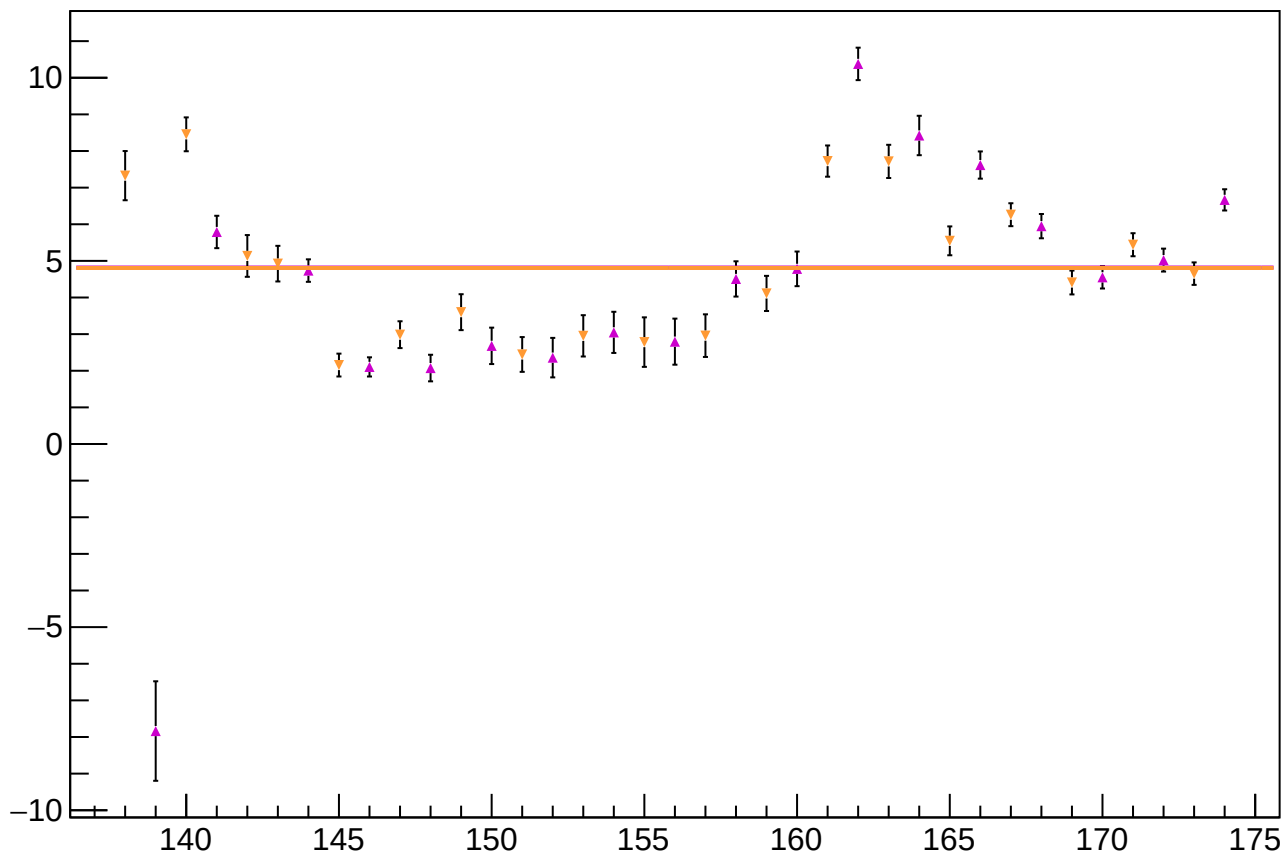
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -8.768 $\pm$ 0.129 χ^2/NDF :1489.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17

Left: -8.527 $\pm$ 0.089 χ^2/NDF : 2931.8/36
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: -8.309 $\pm$ 0.123 χ^2/NDF :1435.8/17
 Out: -8.768 $\pm$ 0.129 χ^2/NDF :1489.4/18
 All: -8.527 $\pm$ 0.089 χ^2/NDF : 2931.8/36

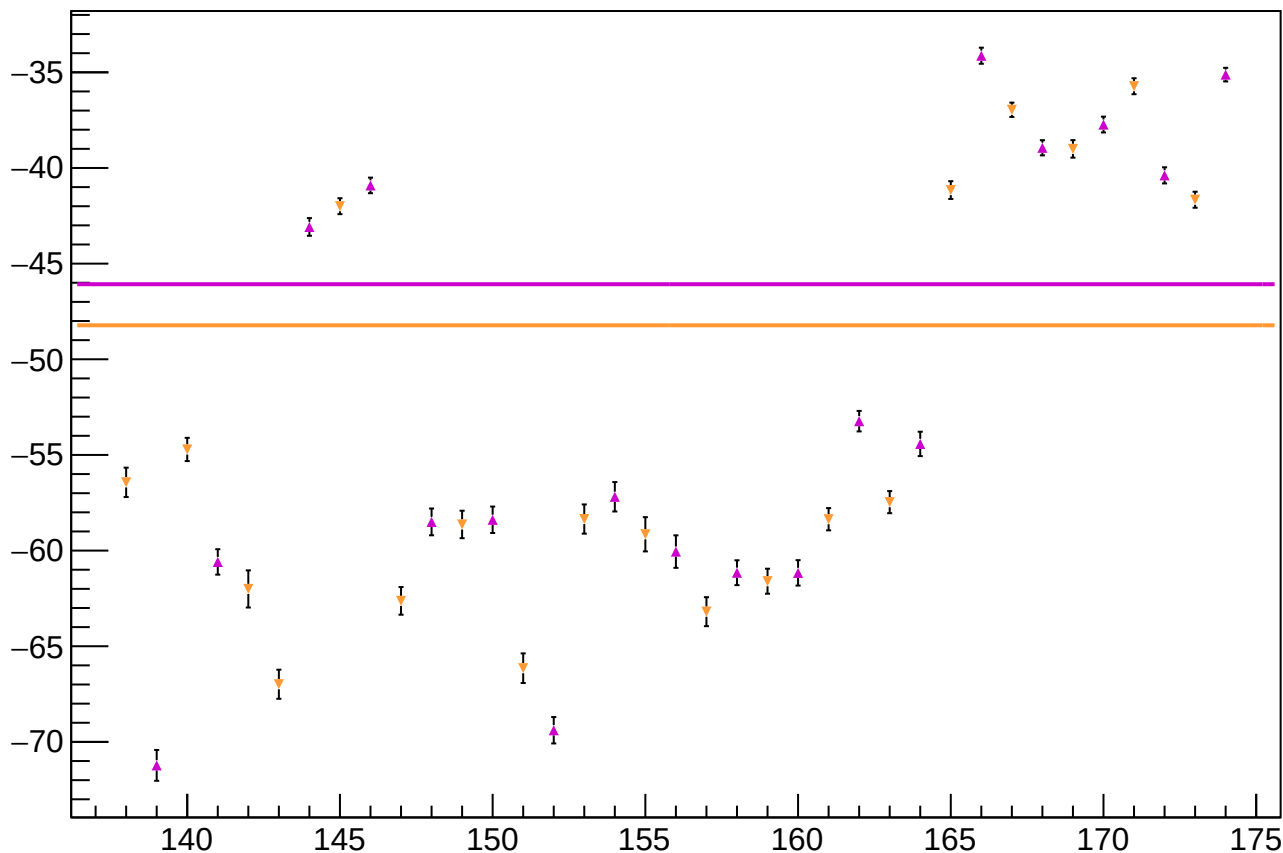
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.807 $\pm$ 0.095 χ^2 /NDF:355.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17

Left: 4.813 $\pm$ 0.066 χ^2 /NDF: 984.0/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.819 $\pm$ 0.092 χ^2 /NDF:628.6/17
 Out: 4.807 $\pm$ 0.095 χ^2 /NDF:355.4/18
 All: 4.813 $\pm$ 0.066 χ^2 /NDF: 984.0/36

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



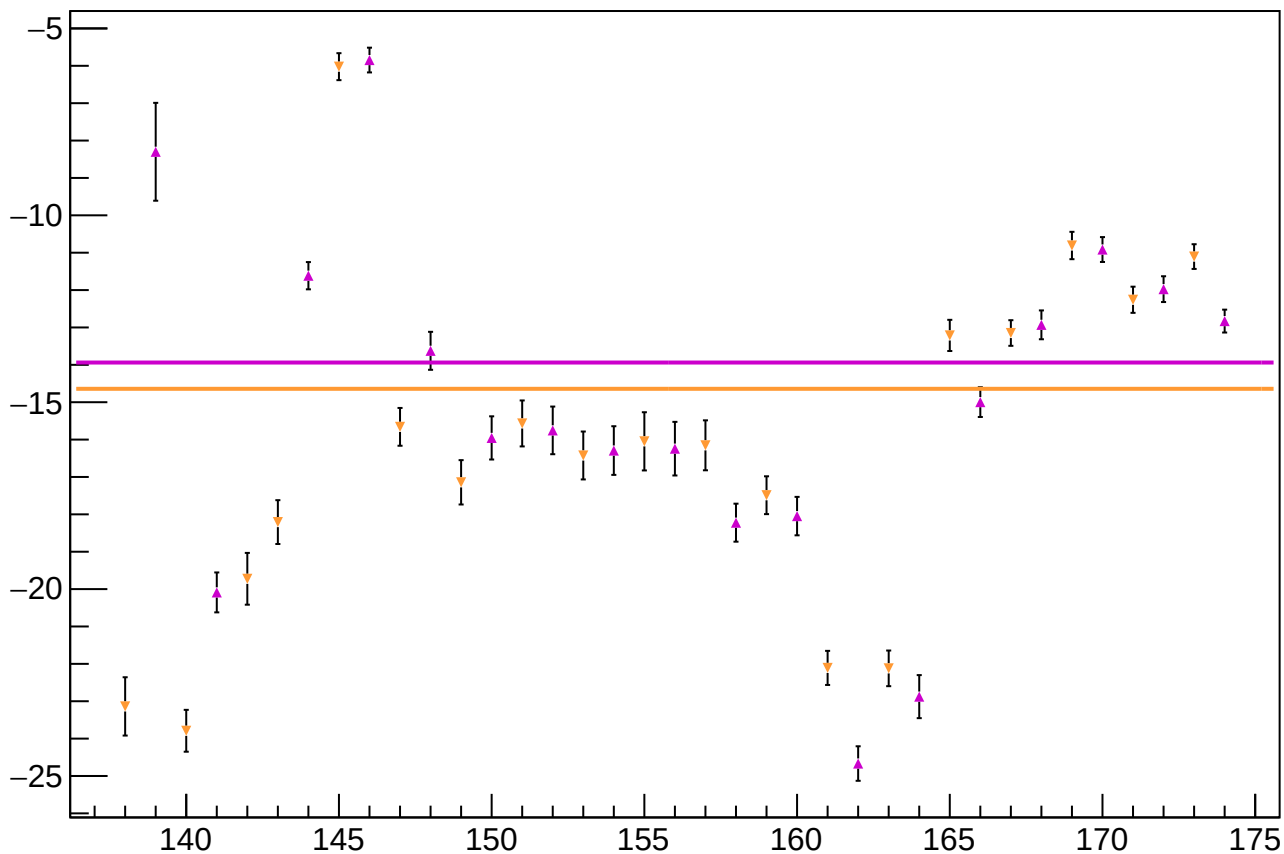
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -48.223+/-0.130 χ^2/NDF : 6784.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -46.076+/-0.123 χ^2/NDF : 7977.7/17

Left: -47.096+/-0.089 χ^2/NDF : 14906.1/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.076+/-0.123 χ^2/NDF : 7977.7/17
 Out: -48.223+/-0.130 χ^2/NDF : 6784.6/18

All: -47.096+/-0.089 χ^2/NDF : 14906.1/36

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -14.641+/-0.108 χ^2/NDF :1934.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Left: -14.279+/-0.075 χ^2/NDF : 3846.4/36

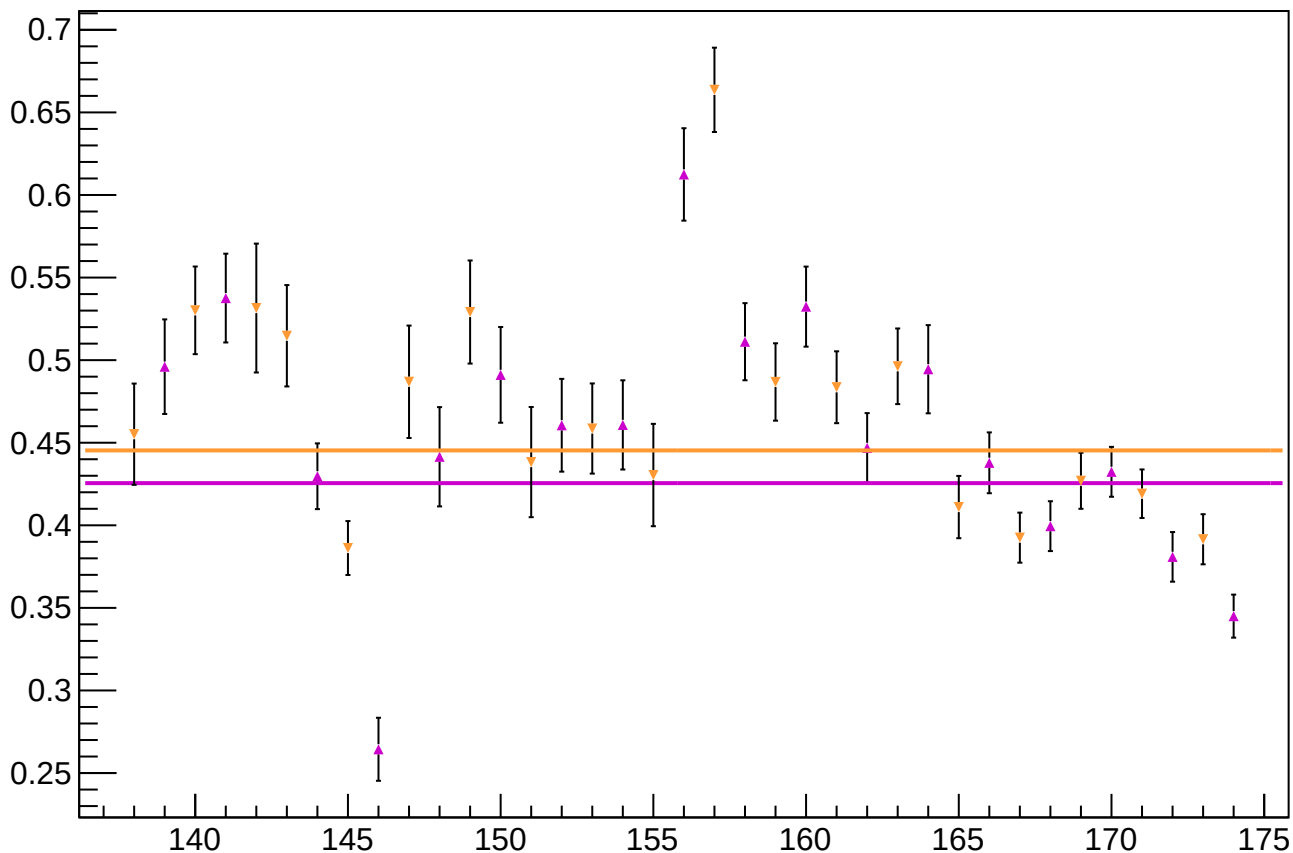
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.938+/-0.105 χ^2/NDF :1890.6/17

Out: -14.641+/-0.108 χ^2/NDF :1934.0/18

All: -14.279+/-0.075 χ^2/NDF : 3846.4/36

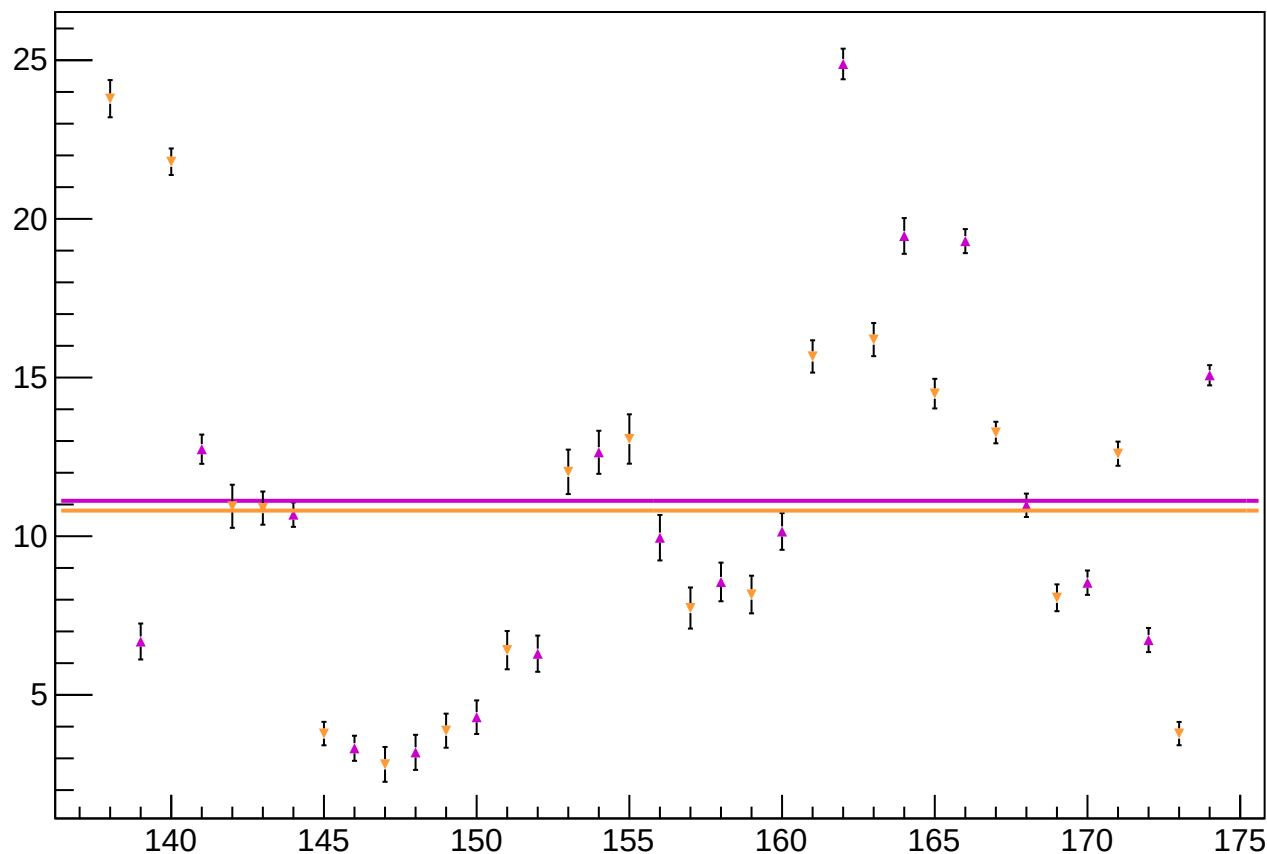
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.445 $\pm$ 0.005 χ^2 /NDF:159.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17

Left: 0.435 $\pm$ 0.003 χ^2 /NDF: 406.8/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.426 $\pm$ 0.005 χ^2 /NDF:239.3/17
 Out: 0.445 $\pm$ 0.005 χ^2 /NDF:159.3/18
 All: 0.435 $\pm$ 0.003 χ^2 /NDF: 406.8/36

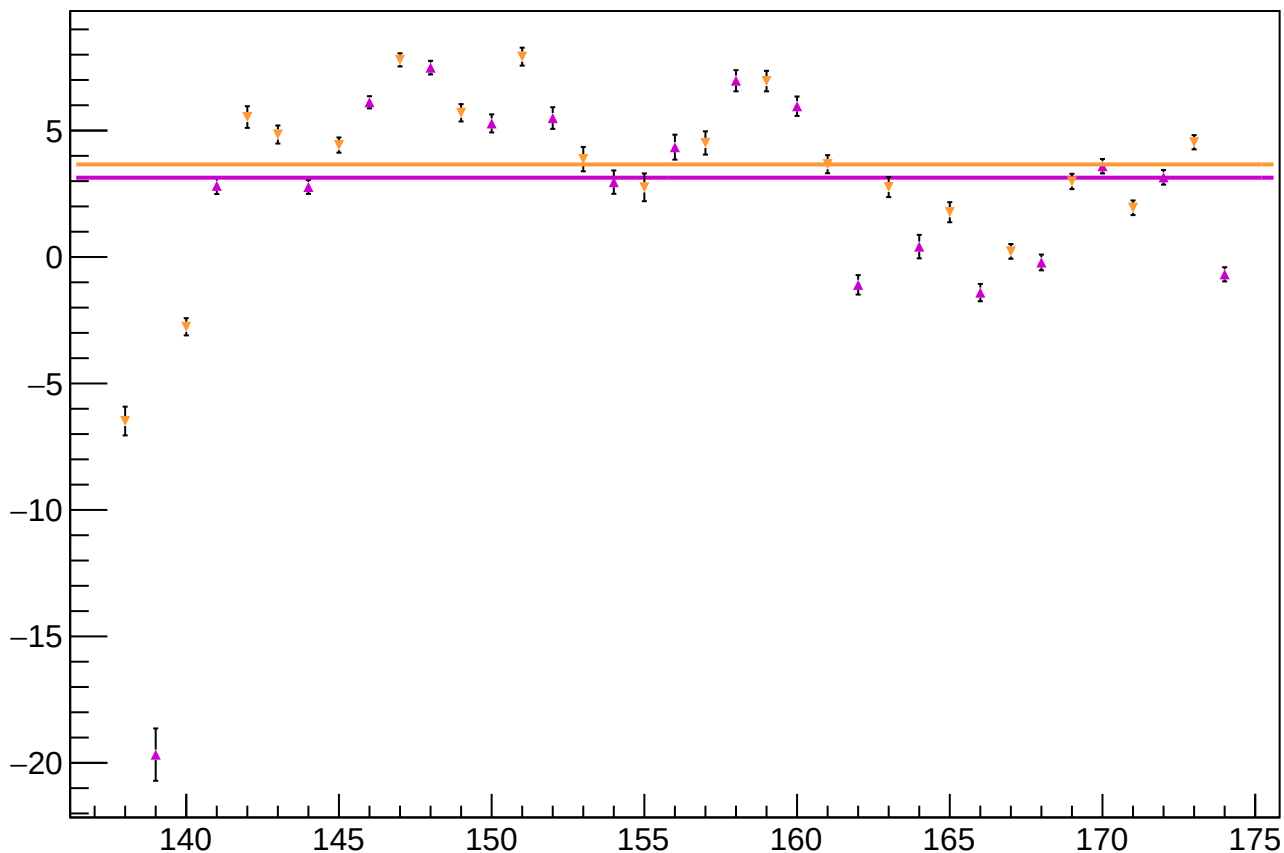
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 10.807 $\pm$ 0.111 χ^2 /NDF:2770.1/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.116 $\pm$ 0.108 χ^2 /NDF:2767.5/17

Left: 10.966 $\pm$ 0.077 χ^2 /NDF: 5541.6/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.116 $\pm$ 0.108 χ^2 /NDF:2767.5/17
 Out: 10.807 $\pm$ 0.111 χ^2 /NDF:2770.1/18
 All: 10.966 $\pm$ 0.077 χ^2 /NDF: 5541.6/36

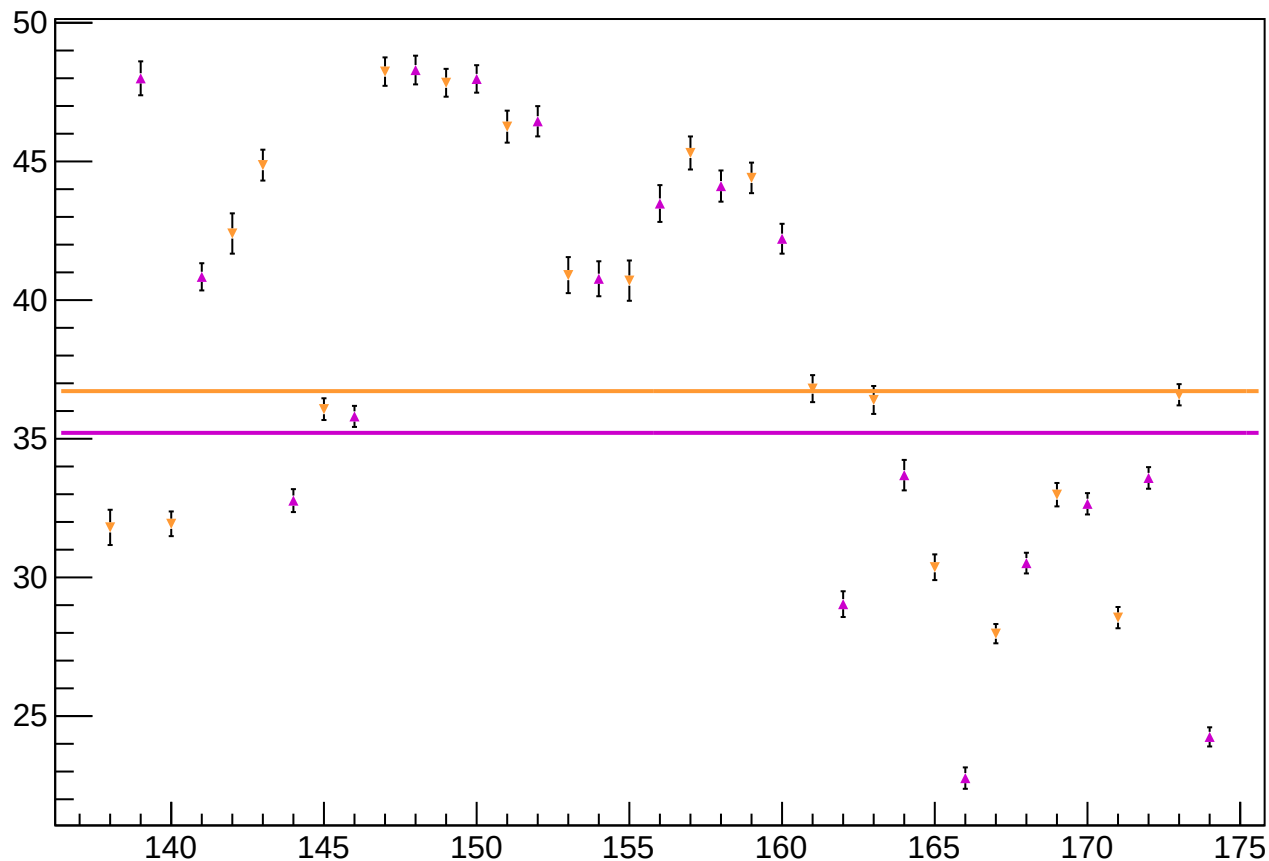
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.660 $\pm$ 0.081 χ^2 /NDF:1431.5/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.137 $\pm$ 0.080 χ^2 /NDF:1747.0/17

Left: 3.396 $\pm$ 0.057 χ^2 /NDF: 3199.8/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.137 $\pm$ 0.080 χ^2 /NDF:1747.0/17
 Out: 3.660 $\pm$ 0.081 χ^2 /NDF:1431.5/18
 All: 3.396 $\pm$ 0.057 χ^2 /NDF: 3199.8/36

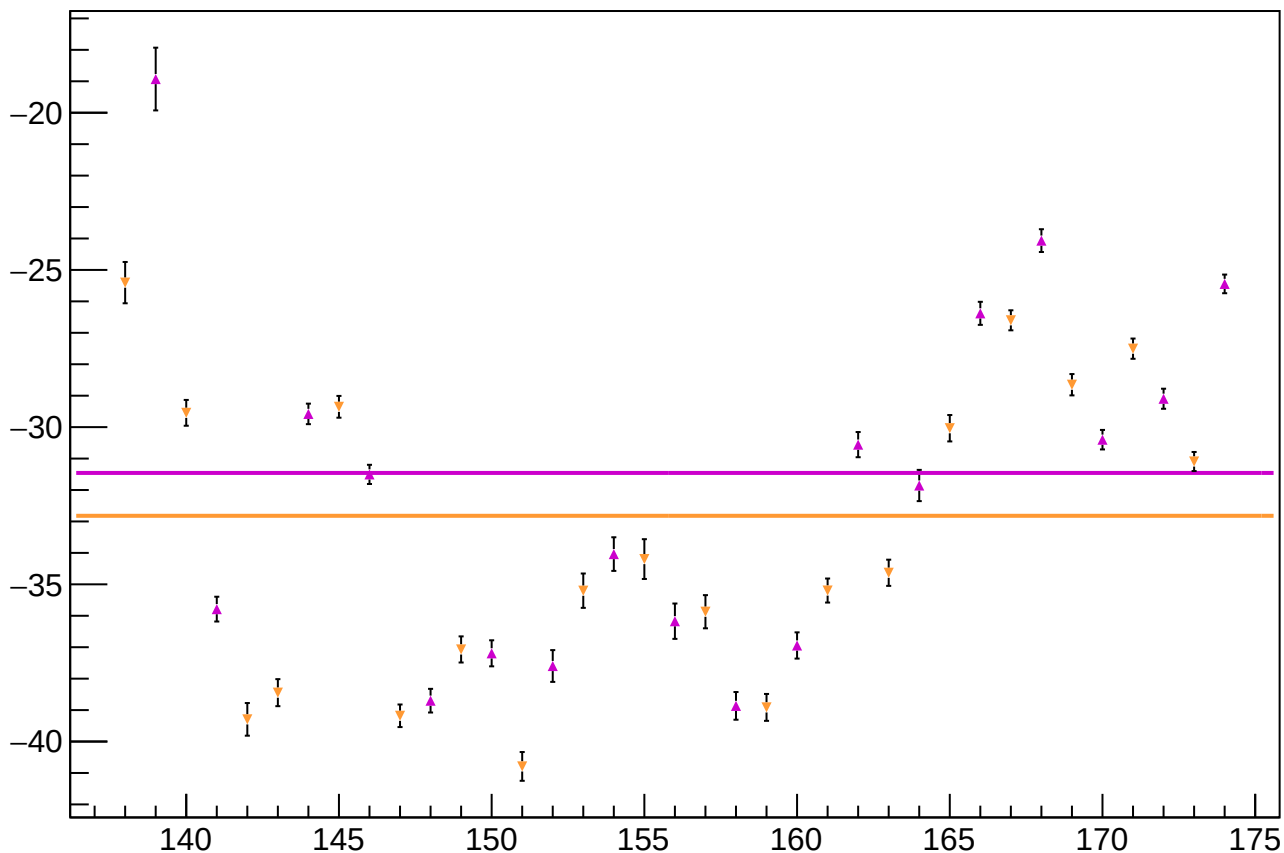
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 36.718+/-0.111 χ^2/NDF :3548.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 35.213+/-0.108 χ^2/NDF :5435.2/17

Left: 35.942+/-0.078 χ^2/NDF : 9077.8/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 35.213+/-0.108 χ^2/NDF :5435.2/17
 Out: 36.718+/-0.111 χ^2/NDF :3548.6/18
 All: 35.942+/-0.078 χ^2/NDF : 9077.8/36

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected

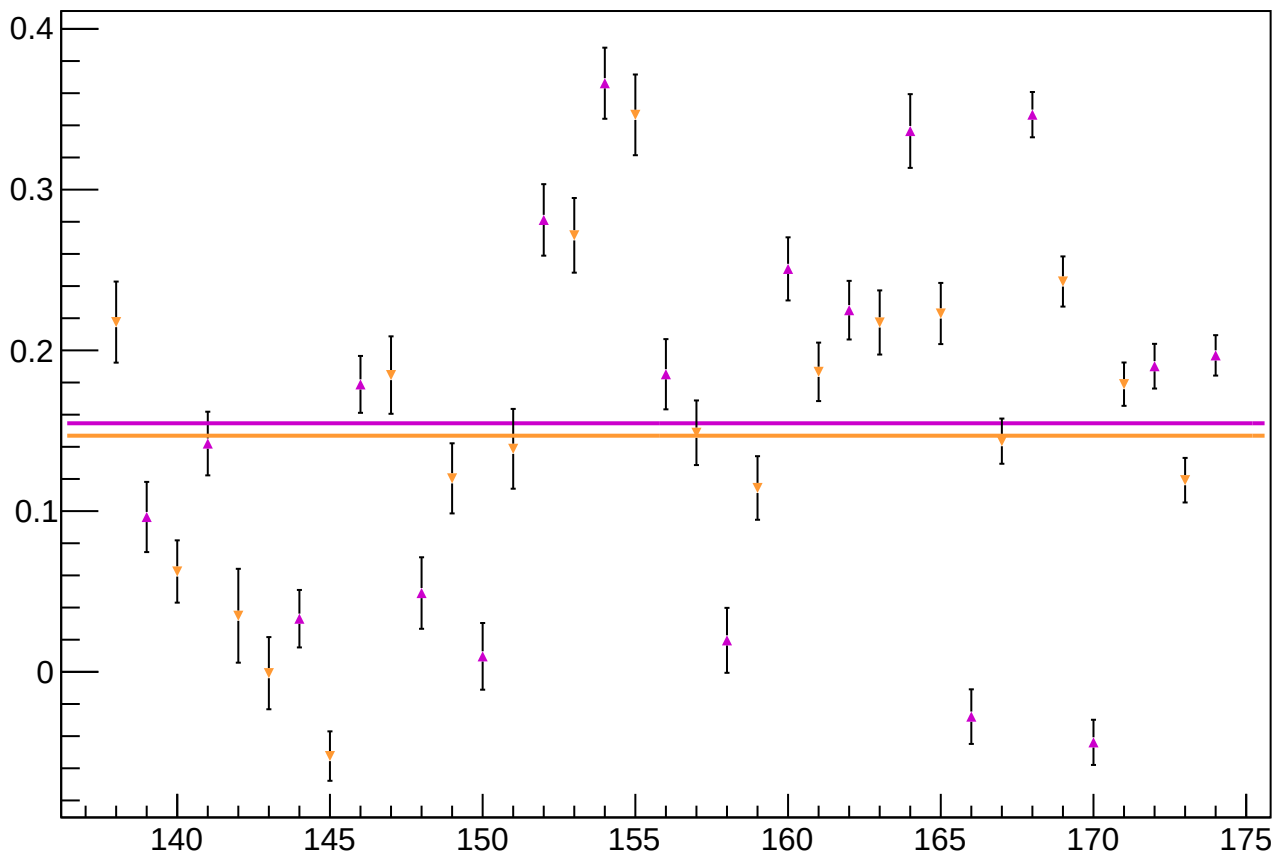


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -32.820+/-0.093 χ^2/NDF : 2538.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.457+/-0.092 χ^2/NDF : 2660.4/17

Left: -32.131+/-0.065 χ^2/NDF : 5308.3/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -31.457+/-0.092 χ^2/NDF : 2660.4/17
 Out: -32.820+/-0.093 χ^2/NDF : 2538.7/18

All: -32.131+/-0.065 χ^2/NDF : 5308.3/36

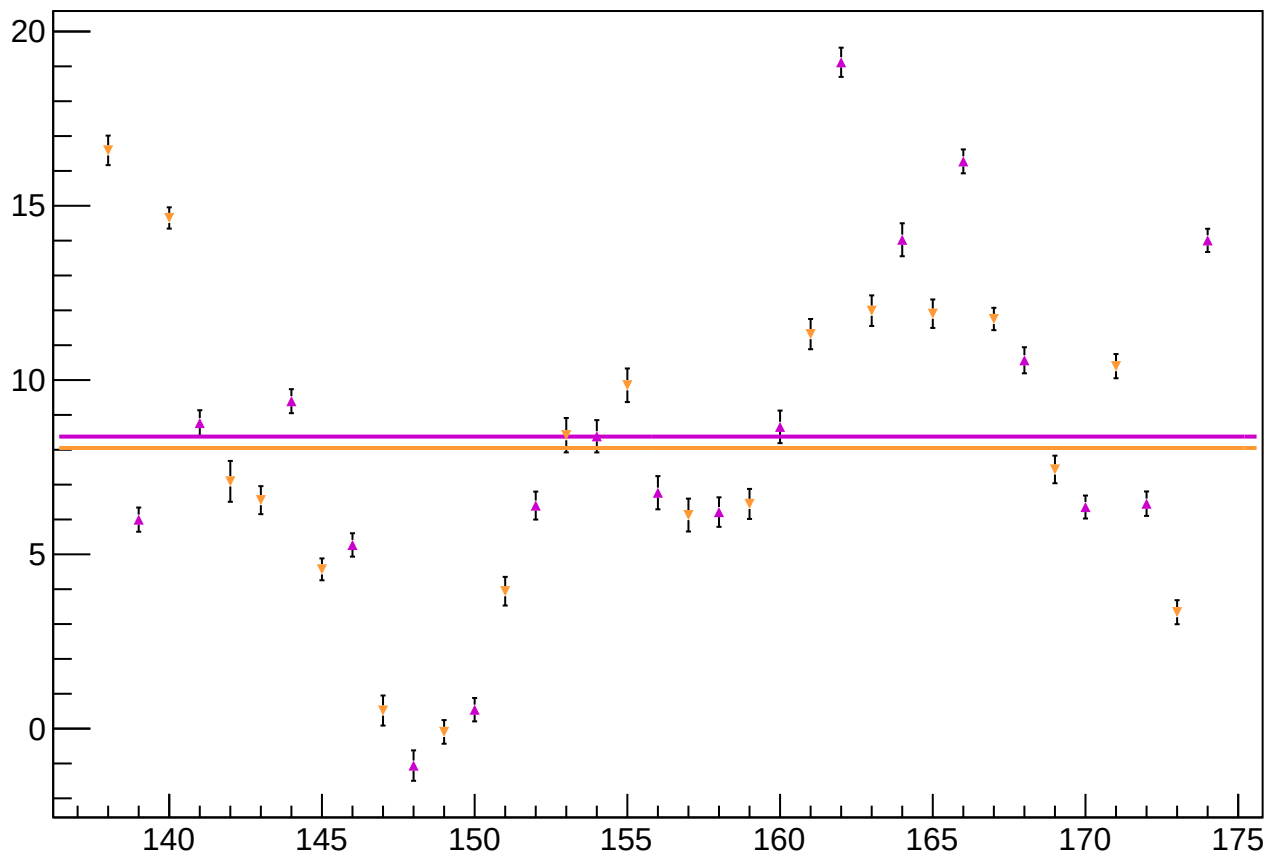
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.147 $\pm$ 0.004 χ^2 /NDF:432.2/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17

Left: 0.151 $\pm$ 0.003 χ^2 /NDF: 1351.3/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.155 $\pm$ 0.004 χ^2 /NDF:917.4/17
 Out: 0.147 $\pm$ 0.004 χ^2 /NDF:432.2/18
 All: 0.151 $\pm$ 0.003 χ^2 /NDF: 1351.3/36

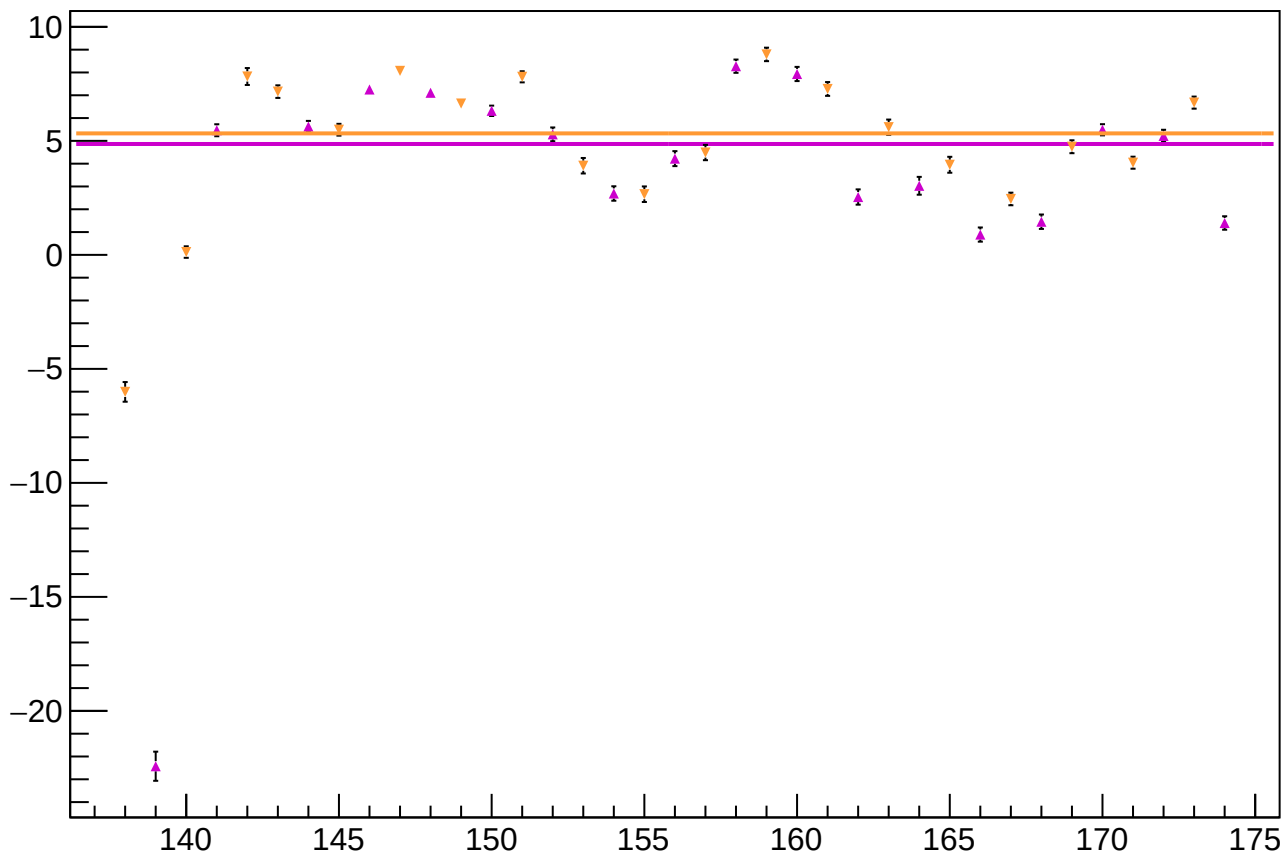
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 8.052 $\pm$ 0.090 χ^2/NDF :2634.3/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.378 $\pm$ 0.090 χ^2/NDF :2933.7/17

Left: 8.216 $\pm$ 0.064 χ^2/NDF : 5574.6/36
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.378 $\pm$ 0.090 χ^2/NDF :2933.7/17
 Out: 8.052 $\pm$ 0.090 χ^2/NDF :2634.3/18
 All: 8.216 $\pm$ 0.064 χ^2/NDF : 5574.6/36

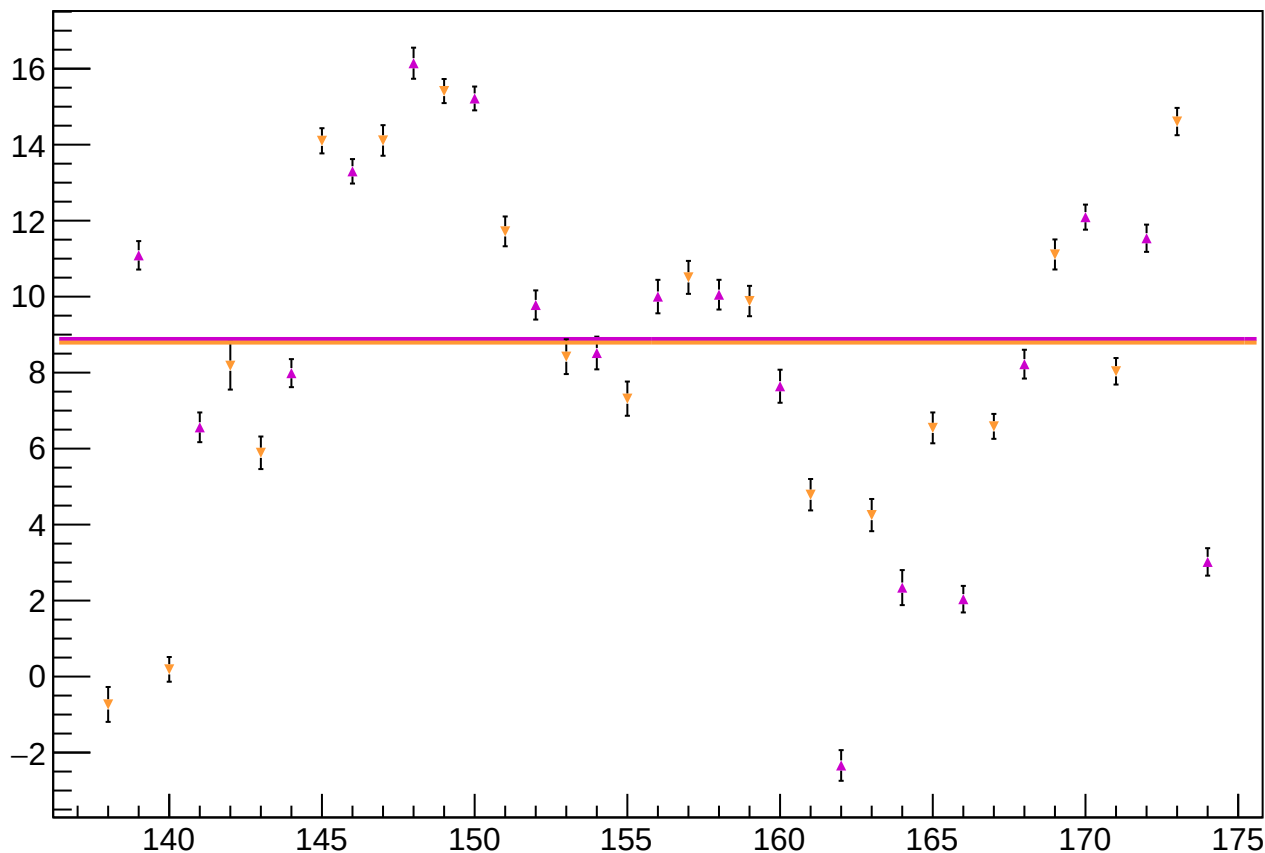
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.328 $\pm$ 0.065 χ^2 /NDF:1959.8/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.863 $\pm$ 0.067 χ^2 /NDF:2896.7/17

Left: 5.101 $\pm$ 0.046 χ^2 /NDF: 4881.5/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.863 $\pm$ 0.067 χ^2 /NDF:2896.7/17
 Out: 5.328 $\pm$ 0.065 χ^2 /NDF:1959.8/18
 All: 5.101 $\pm$ 0.046 χ^2 /NDF: 4881.5/36

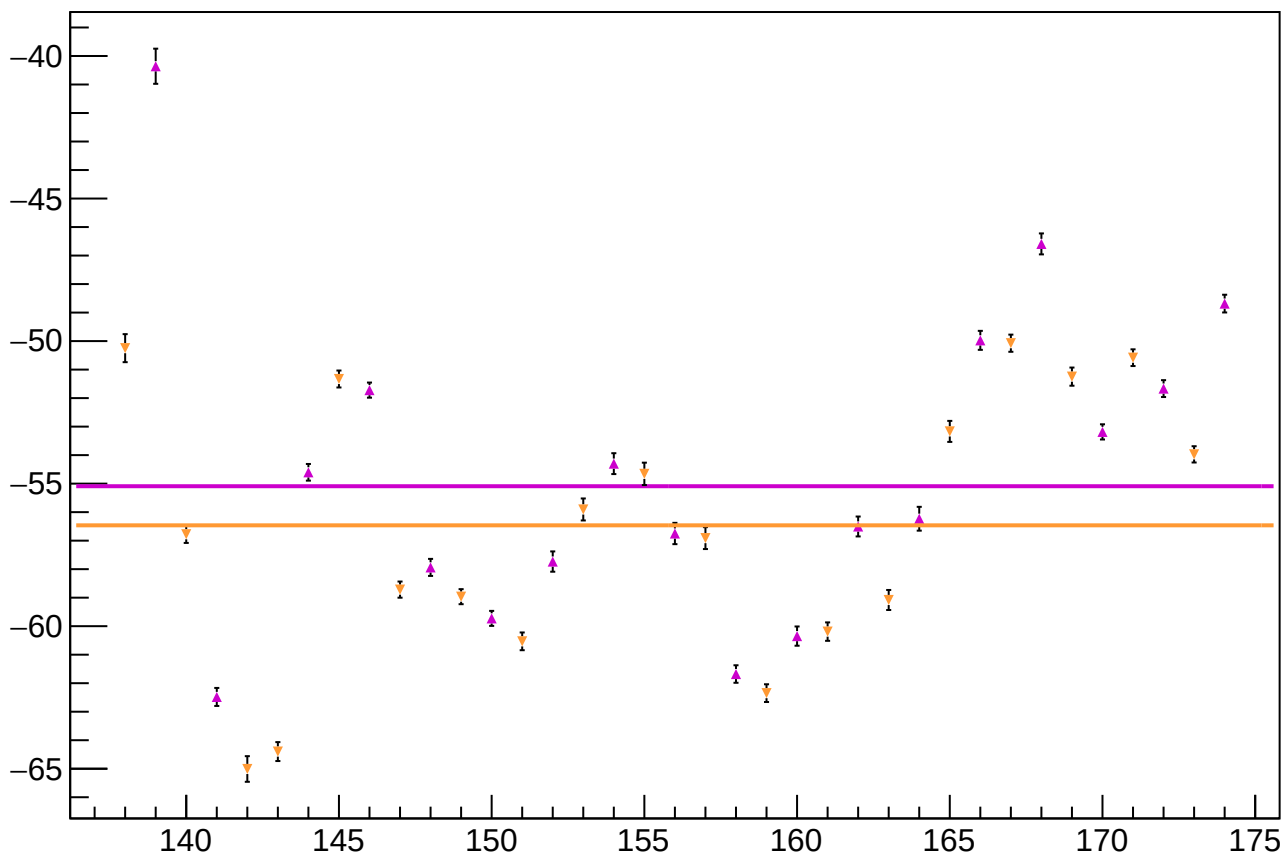
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.791+/-0.090 χ^2/NDF :2718.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.885+/-0.089 χ^2/NDF :2789.3/17

Left: 8.839+/-0.063 χ^2/NDF : 5508.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.885+/-0.089 χ^2/NDF :2789.3/17
 Out: 8.791+/-0.090 χ^2/NDF :2718.3/18
 All: 8.839+/-0.063 χ^2/NDF : 5508.2/36

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: -56.462+/-0.075 χ^2/NDF :3564.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -55.091+/-0.076 χ^2/NDF :3869.9/17

Left: -55.787+/-0.053 χ^2/NDF : 7599.4/36

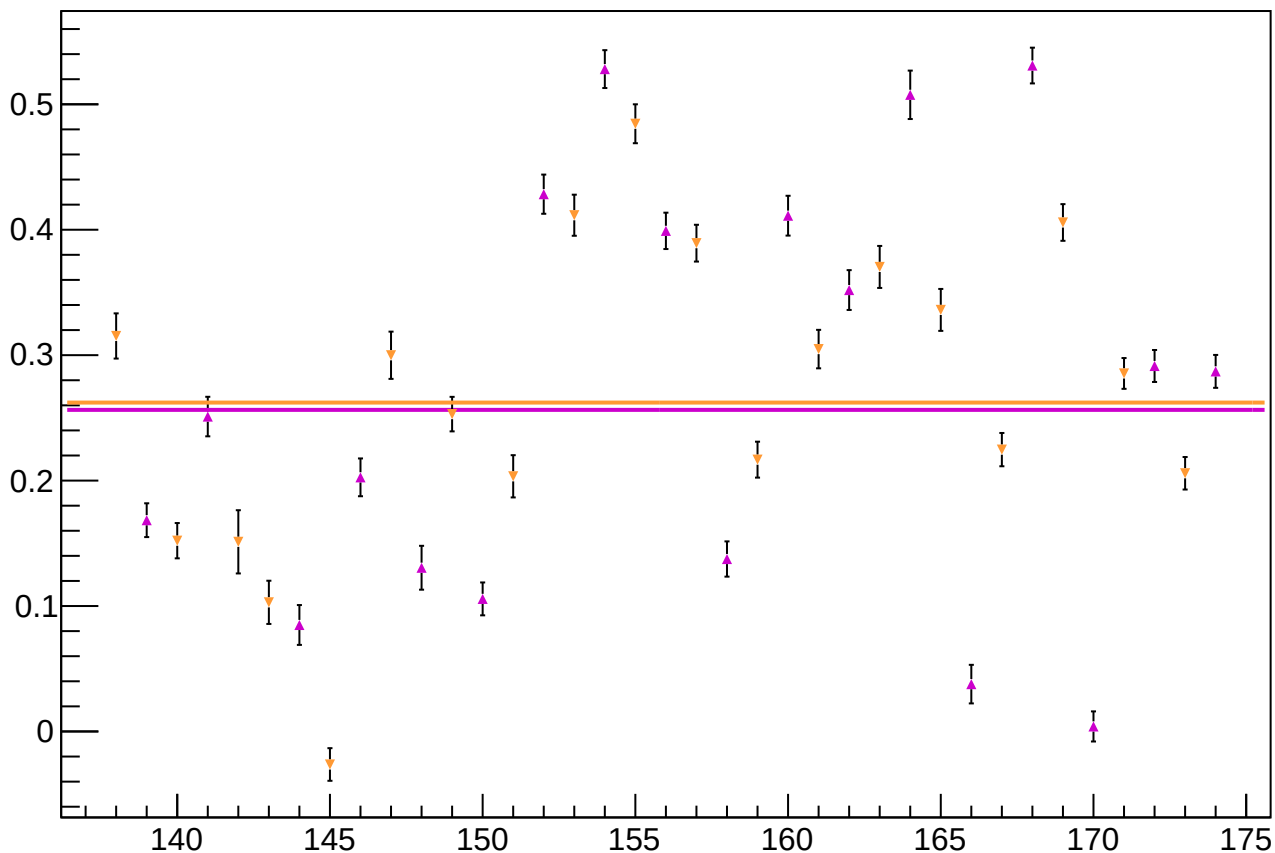
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -55.091+/-0.076 χ^2/NDF :3869.9/17

Out: -56.462+/-0.075 χ^2/NDF :3564.9/18

All: -55.787+/-0.053 χ^2/NDF : 7599.4/36

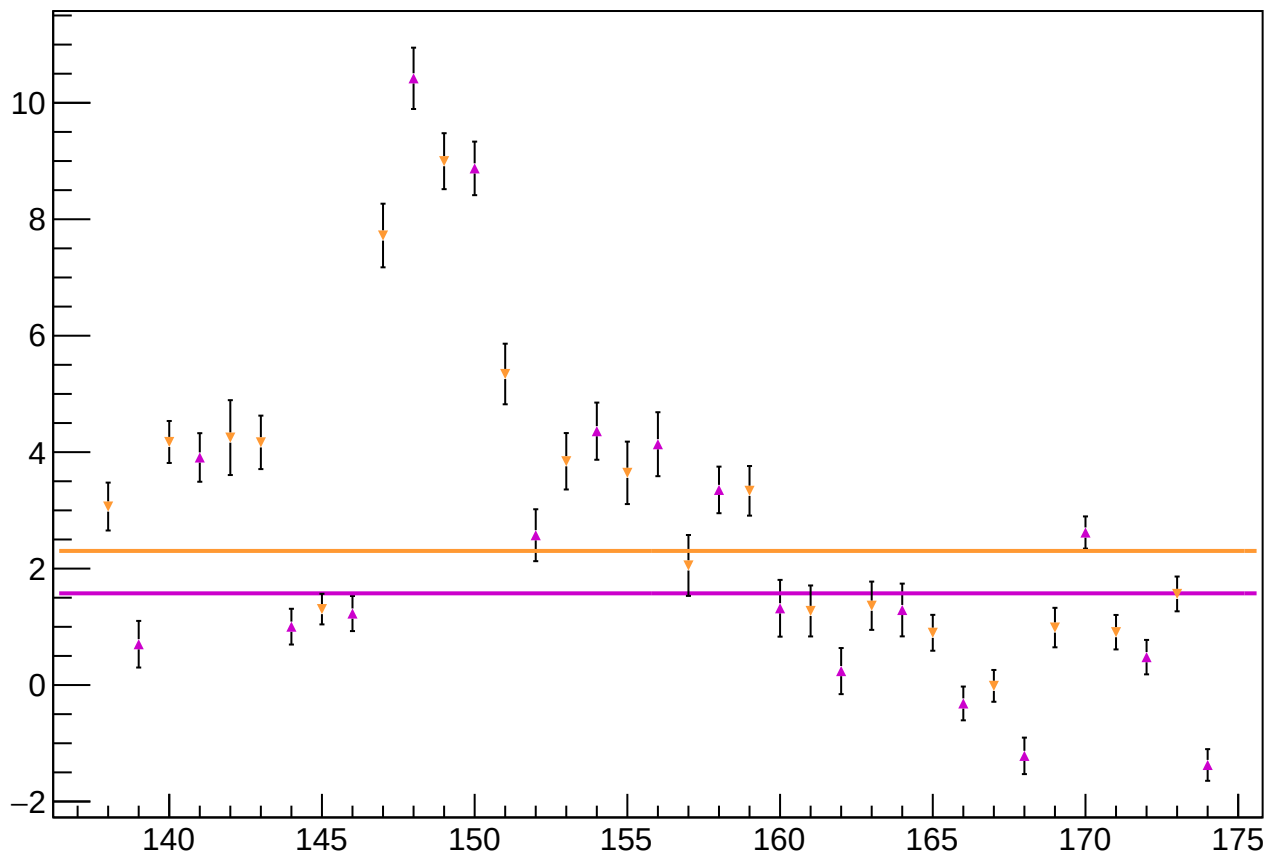
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.262+/-0.003 χ^2/NDF :1252.6/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.256+/-0.003 χ^2/NDF :2299.3/17

Left: 0.259+/-0.002 χ^2/NDF : 3553.3/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.256+/-0.003 χ^2/NDF :2299.3/17
 Out: 0.262+/-0.003 χ^2/NDF :1252.6/18
 All: 0.259+/-0.002 χ^2/NDF : 3553.3/36

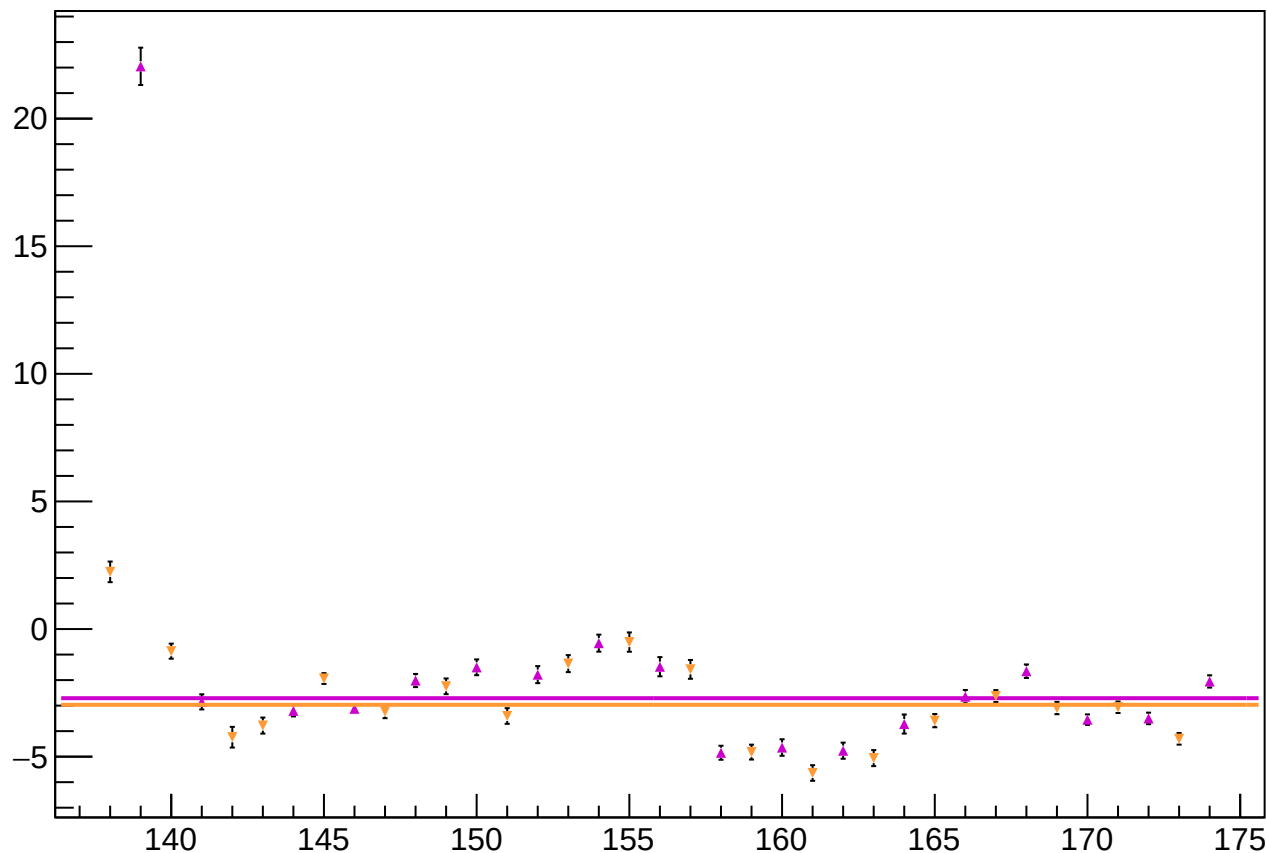
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 2.303+/-0.088 χ^2/NDF :566.2/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.575+/-0.086 χ^2/NDF :932.8/17

Left: 1.930+/-0.061 χ^2/NDF : 1534.3/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.575+/-0.086 χ^2/NDF :932.8/17
 Out: 2.303+/-0.088 χ^2/NDF :566.2/18
 All: 1.930+/-0.061 χ^2/NDF : 1534.3/36

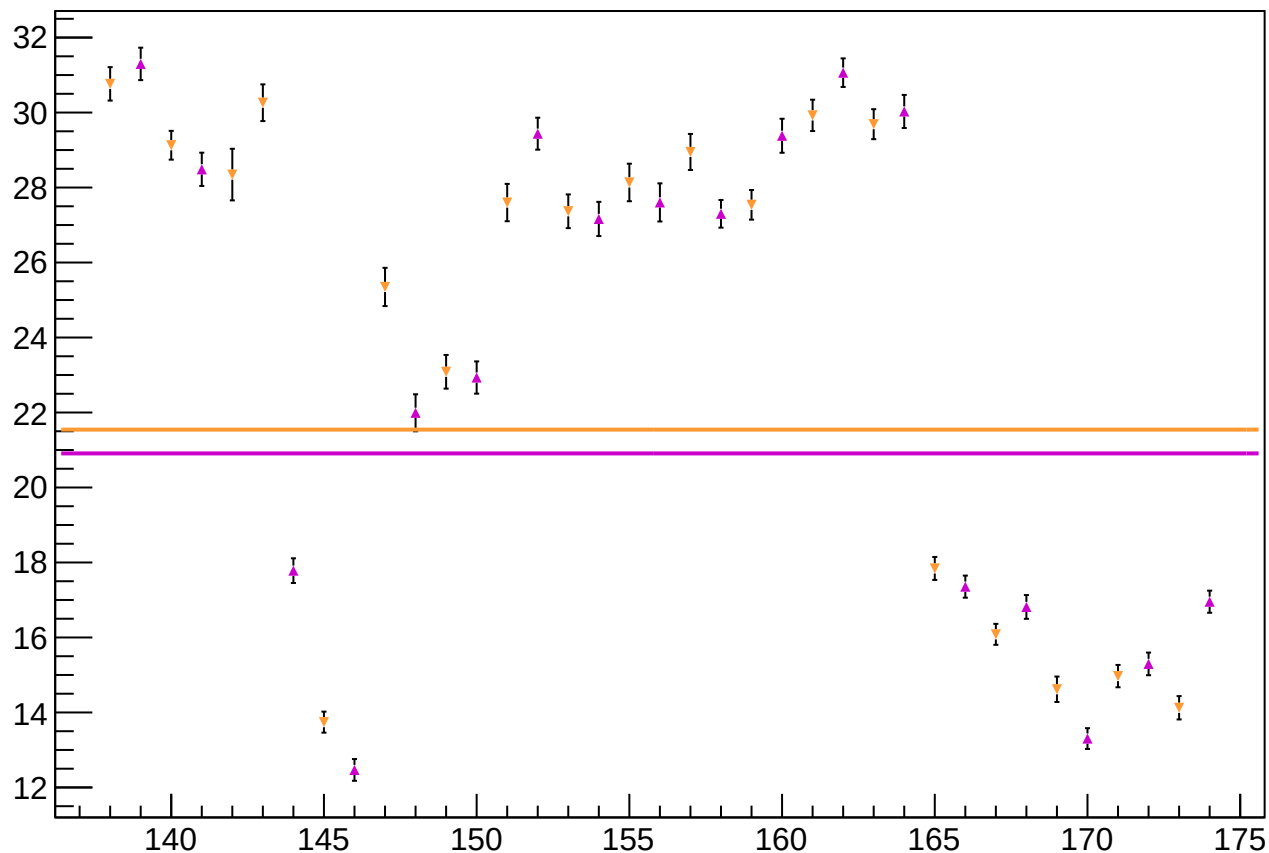
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.968+/-0.065 χ^2/NDF : 548.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.709+/-0.065 χ^2/NDF : 1437.8/17

Left: -2.838+/-0.046 χ^2/NDF : 1994.6/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.709+/-0.065 χ^2/NDF : 1437.8/17
 Out: -2.968+/-0.065 χ^2/NDF : 548.7/18
 All: -2.838+/-0.046 χ^2/NDF : 1994.6/36

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



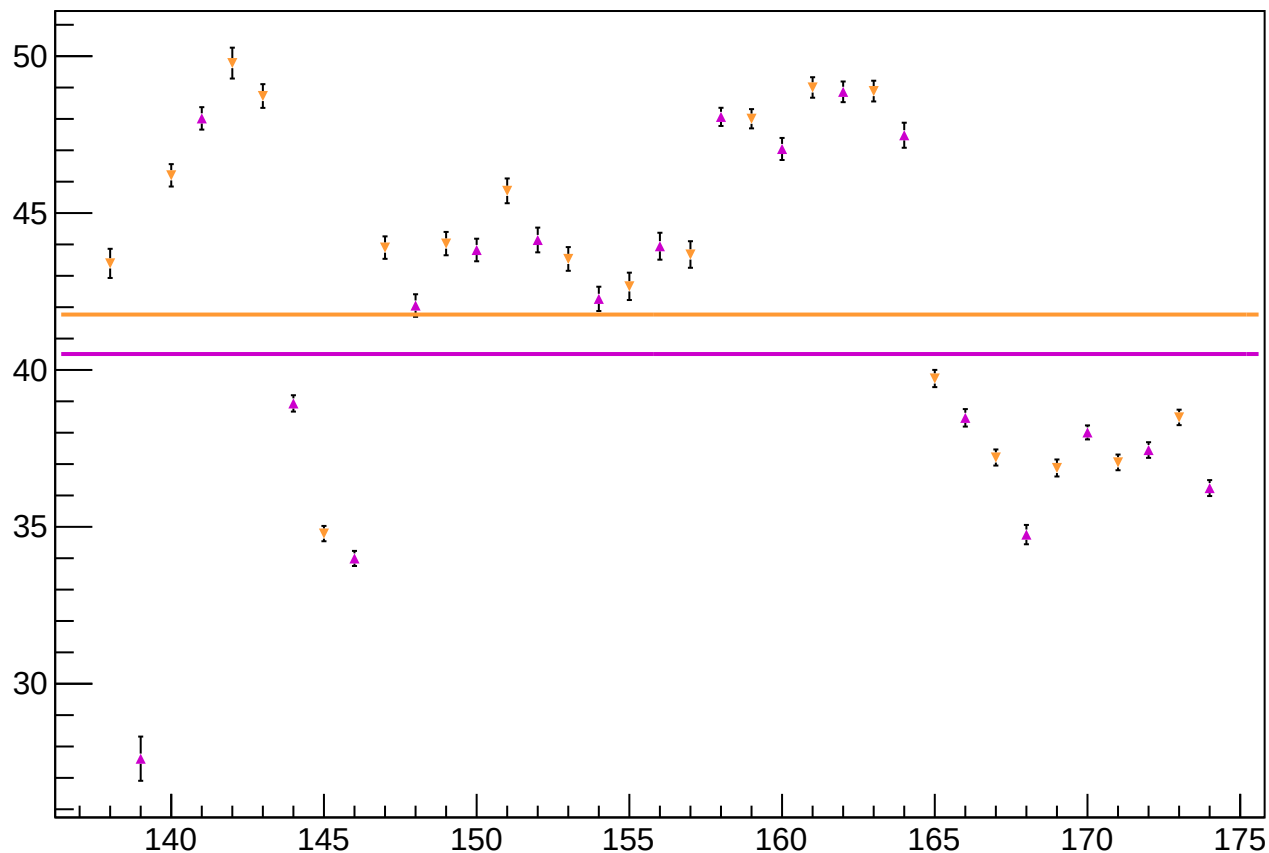
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.544 $\pm$ 0.088 χ^2 /NDF:5848.9/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.909 $\pm$ 0.086 χ^2 /NDF:5969.4/17

Left: 21.218 $\pm$ 0.061 χ^2 /NDF: 11845.0/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 20.909 $\pm$ 0.086 χ^2 /NDF:5969.4/17
 Out: 21.544 $\pm$ 0.088 χ^2 /NDF:5848.9/18

All: 21.218 $\pm$ 0.061 χ^2 /NDF: 11845.0/36

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 41.766+/-0.074 χ^2/NDF :4405.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.508+/-0.073 χ^2/NDF :4756.0/17

Left: 41.132+/-0.052 χ^2/NDF : 9307.3/36

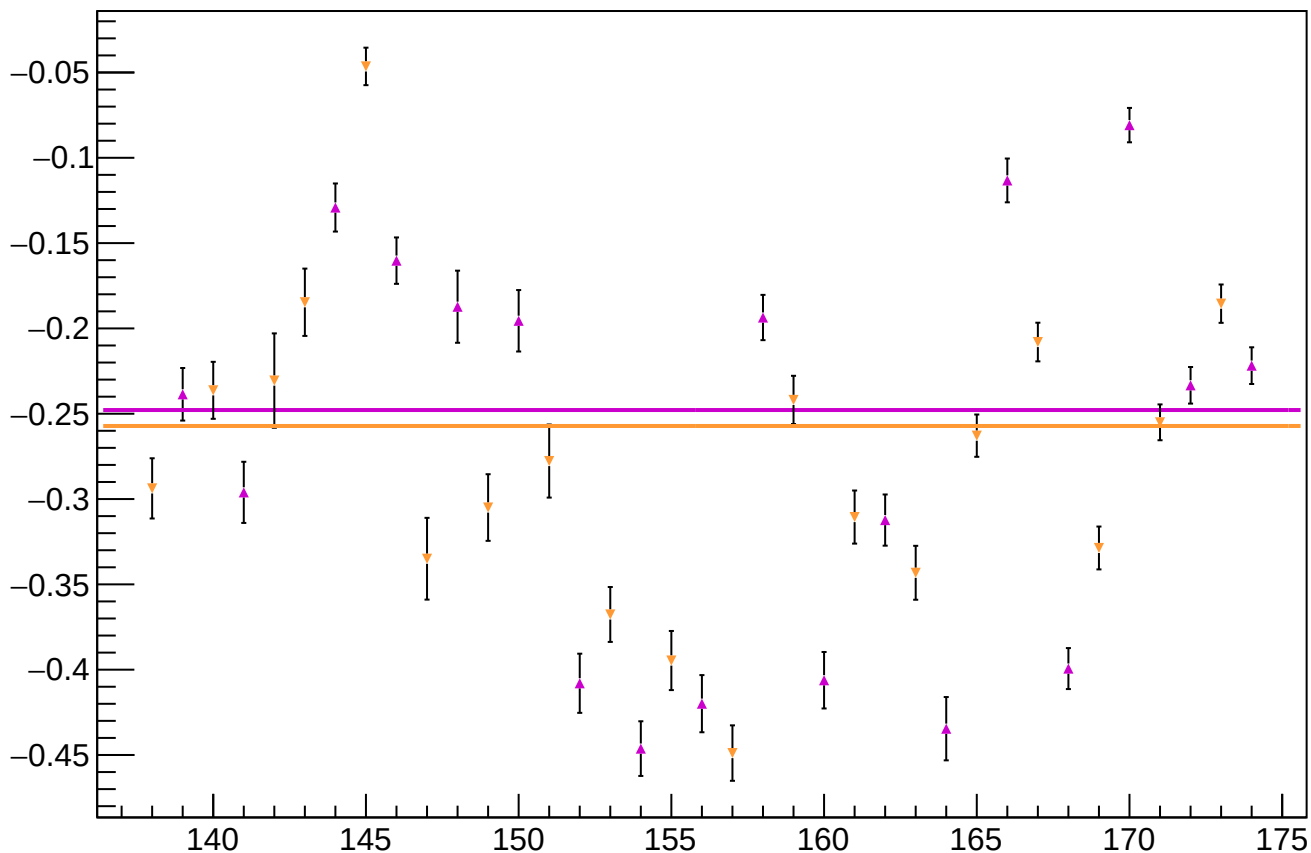
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.508+/-0.073 χ^2/NDF :4756.0/17

Out: 41.766+/-0.074 χ^2/NDF :4405.0/18

All: 41.132+/-0.052 χ^2/NDF : 9307.3/36

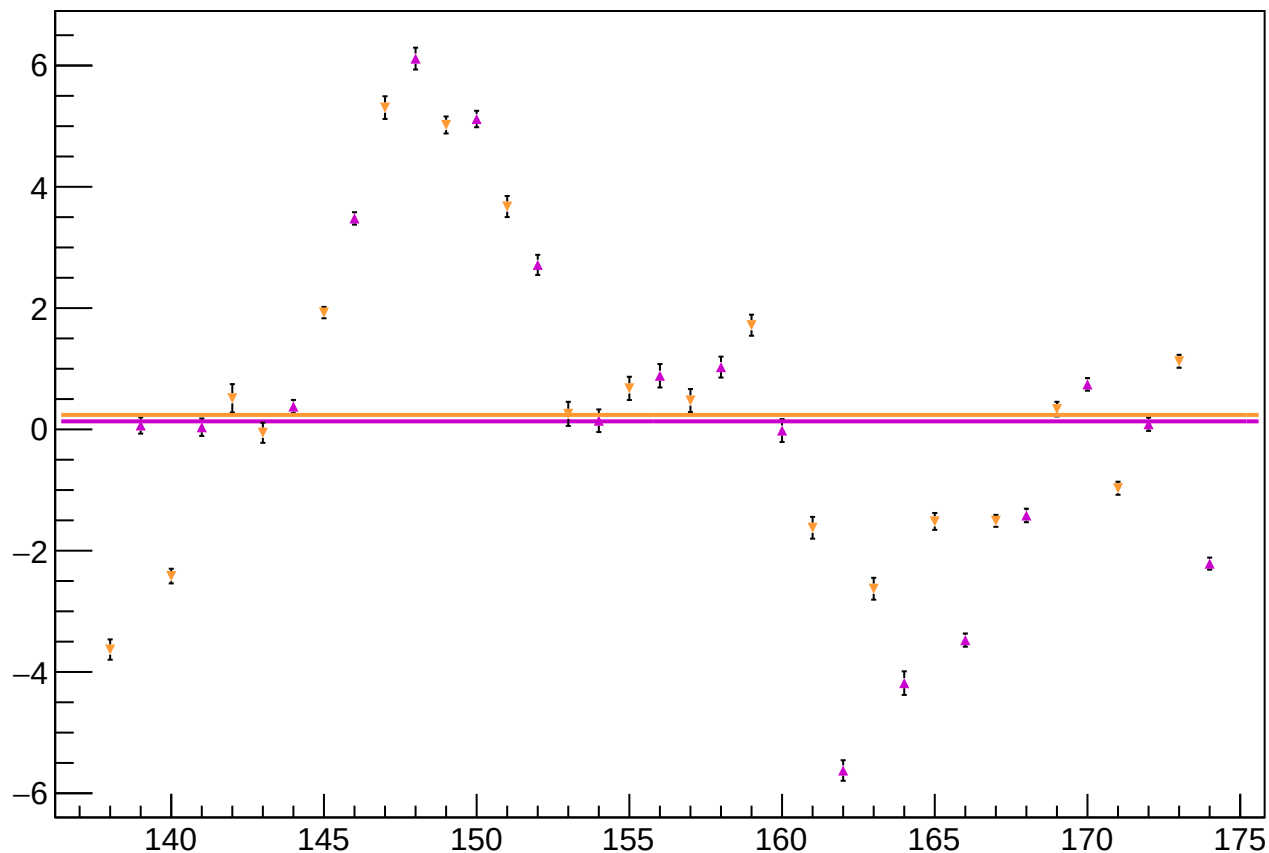
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.257 $\pm$ 0.003 χ^2 /NDF:790.0/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.248 $\pm$ 0.003 χ^2 /NDF:1260.1/17

Left: -0.252 $\pm$ 0.002 χ^2 /NDF: 2054.0/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.248 $\pm$ 0.003 χ^2 /NDF:1260.1/17
 Out: -0.257 $\pm$ 0.003 χ^2 /NDF:790.0/18
 All: -0.252 $\pm$ 0.002 χ^2 /NDF: 2054.0/36

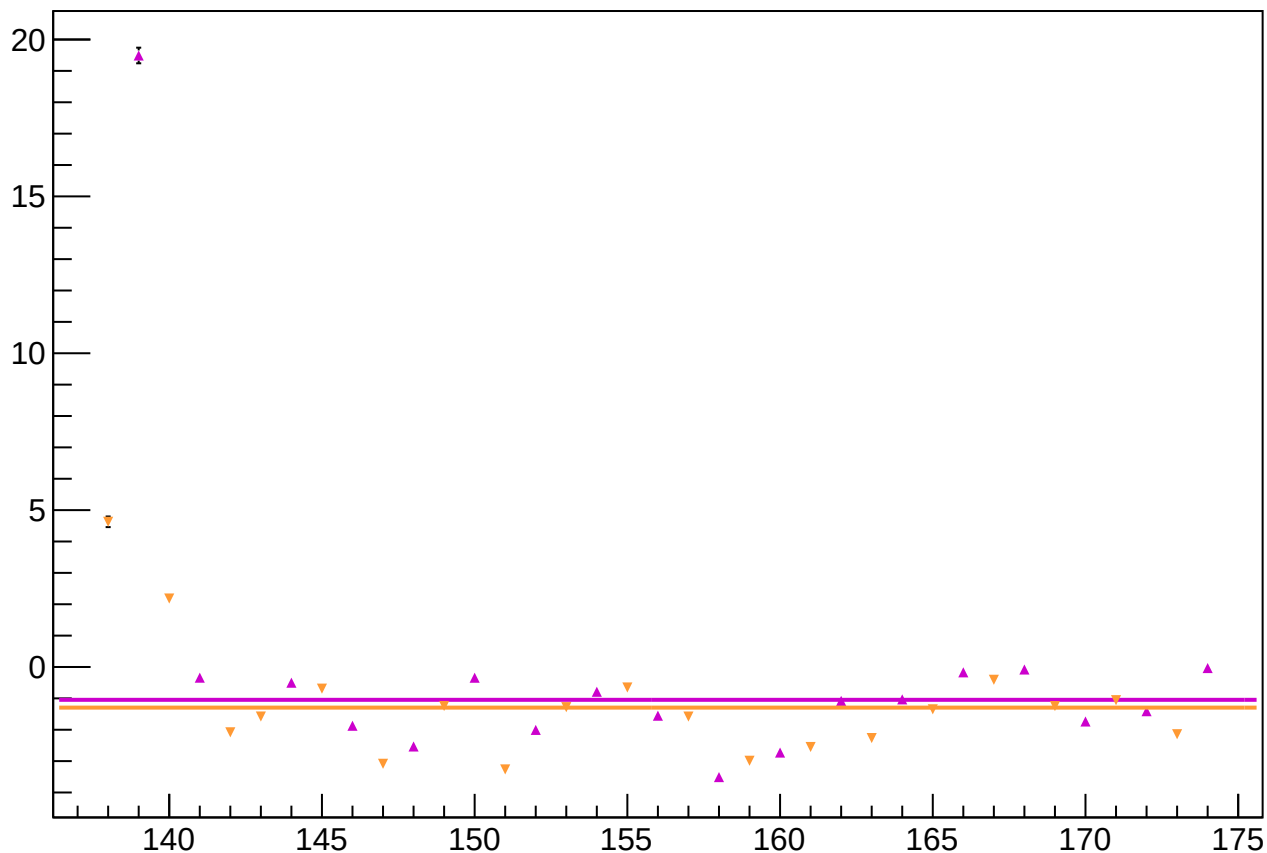
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.239 $\pm$ 0.032 χ^2 /NDF:4744.4/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.133 $\pm$ 0.031 χ^2 /NDF:7332.9/17

Left: 0.184 $\pm$ 0.022 χ^2 /NDF: 12082.9/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.133 $\pm$ 0.031 χ^2 /NDF:7332.9/17
 Out: 0.239 $\pm$ 0.032 χ^2 /NDF:4744.4/18
 All: 0.184 $\pm$ 0.022 χ^2 /NDF: 12082.9/36

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



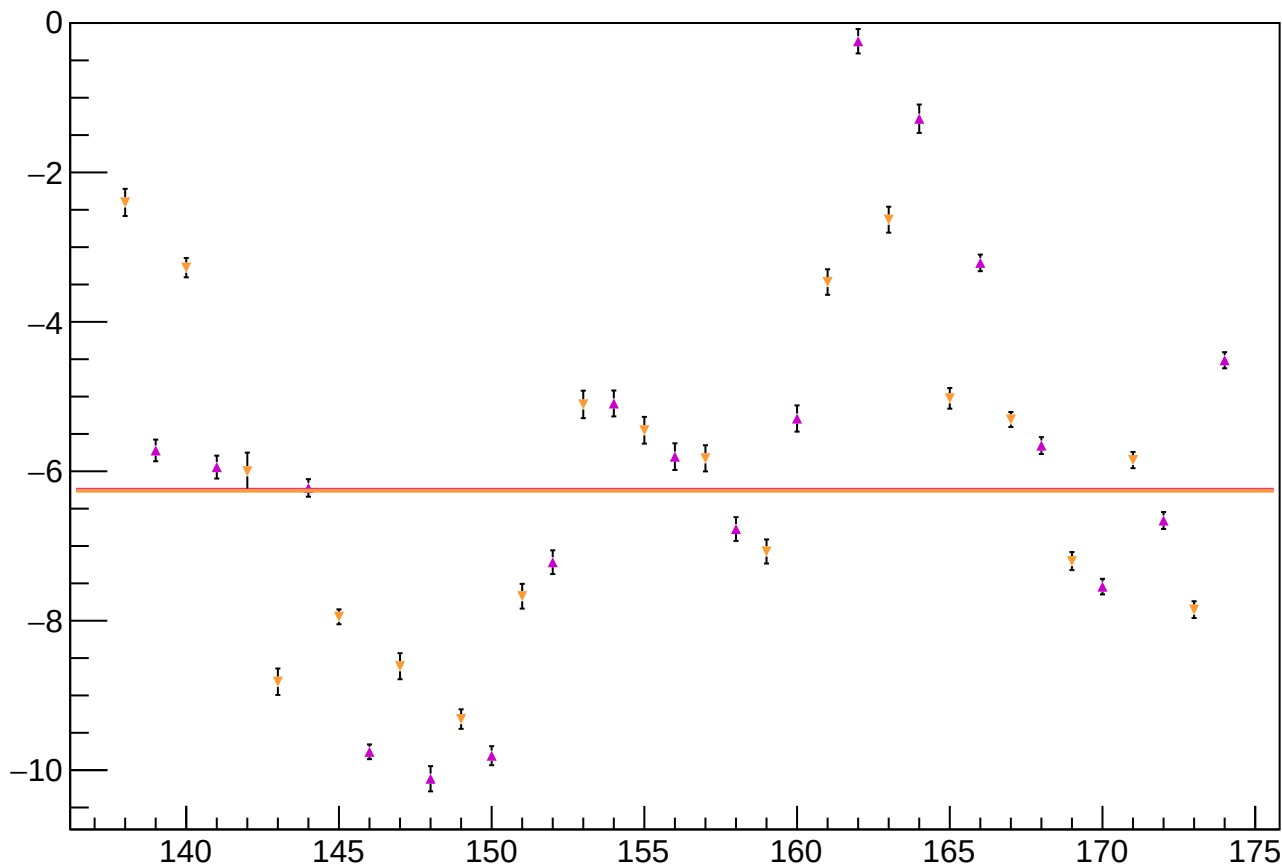
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.295+/-0.024 χ^2/NDF : 3900.3/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.046+/-0.024 χ^2/NDF : 8481.9/17

Left: -1.169+/-0.017 χ^2/NDF : 12437.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.046+/-0.024 χ^2/NDF : 8481.9/17
 Out: -1.295+/-0.024 χ^2/NDF : 3900.3/18

All: -1.169+/-0.017 χ^2/NDF : 12437.2/36

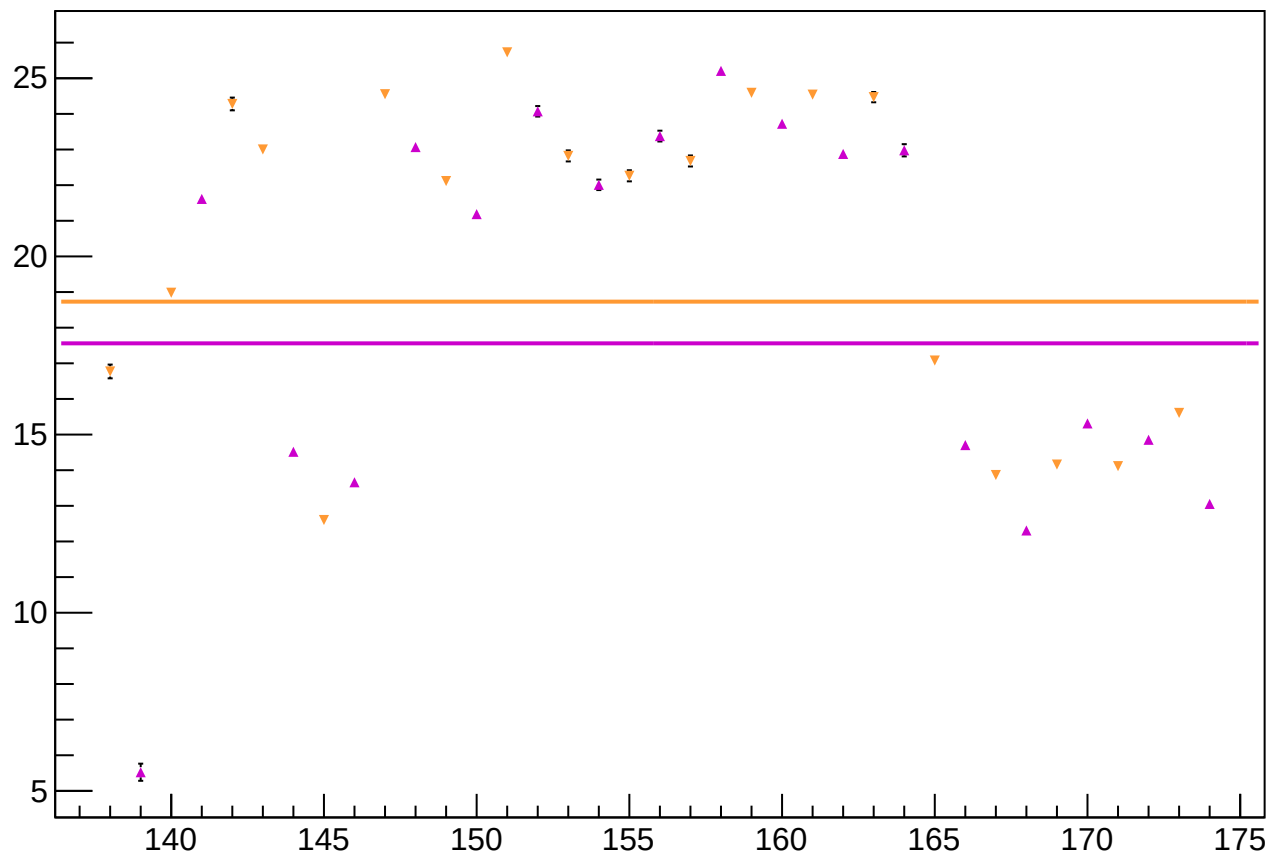
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.259+/-0.032 χ^2/NDF : 3522.8/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.248+/-0.031 χ^2/NDF : 5961.4/17

Left: -6.254+/-0.023 χ^2/NDF : 9484.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.248+/-0.031 χ^2/NDF : 5961.4/17
 Out: -6.259+/-0.032 χ^2/NDF : 3522.8/18
 All: -6.254+/-0.023 χ^2/NDF : 9484.2/36

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 18.731+/-0.027 χ^2 /NDF:29402.3/18

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 17.560+/-0.027 χ^2 /NDF:29506.1/17

Left: 18.138+/-0.019 χ^2 /NDF: 59841.5/36

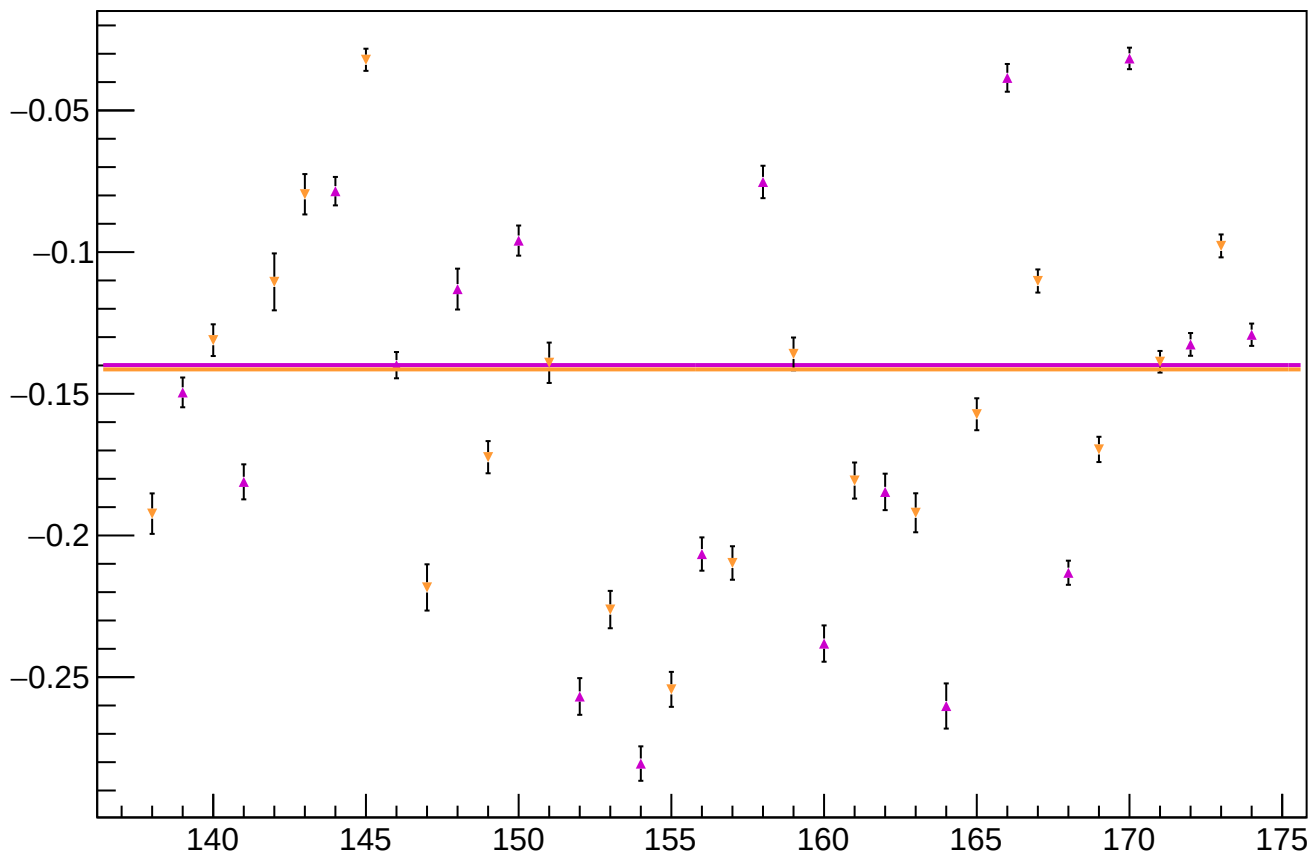
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 17.560+/-0.027 χ^2 /NDF:29506.1/17

Out: 18.731+/-0.027 χ^2 /NDF:29402.3/18

All: 18.138+/-0.019 χ^2 /NDF: 59841.5/36

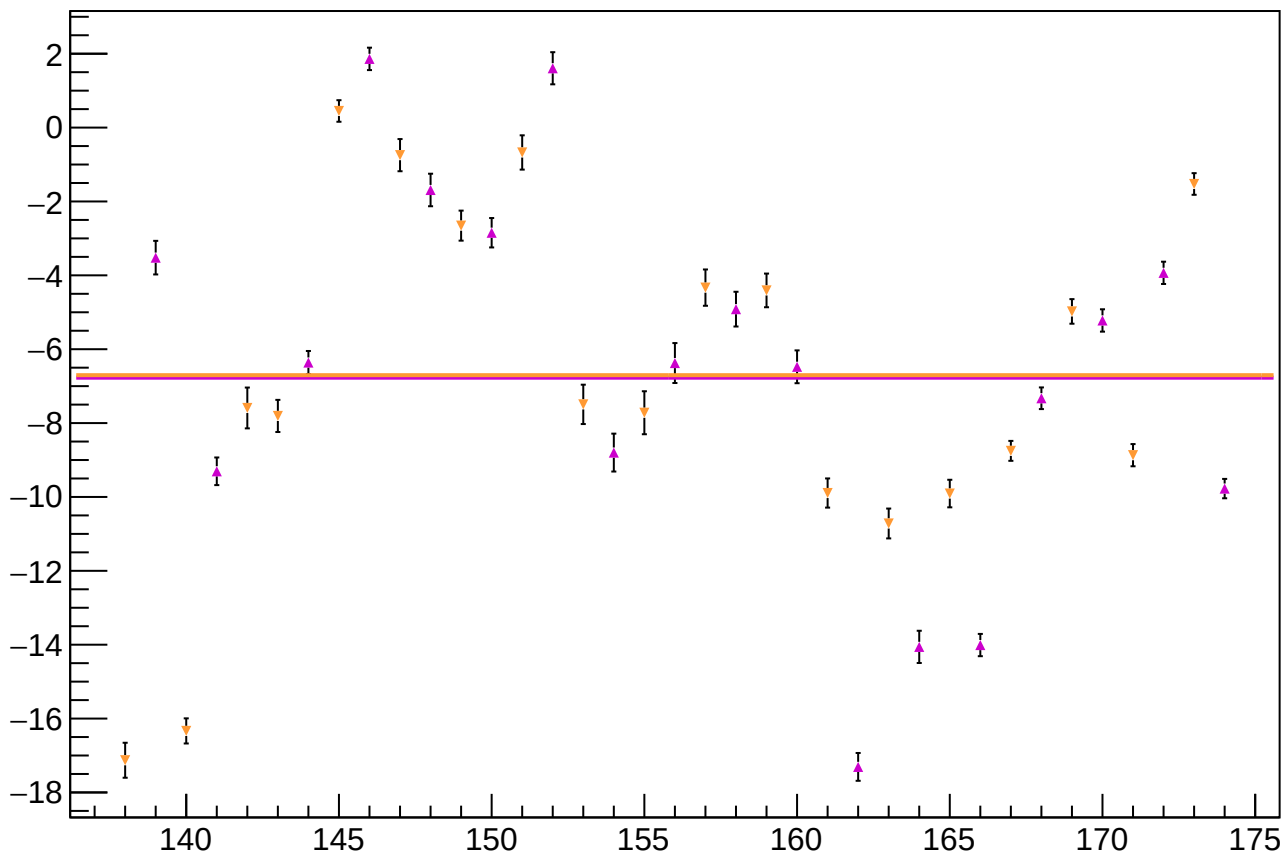
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.141 $\pm$ 0.001 χ^2 /NDF:1989.0/18
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.140 $\pm$ 0.001 χ^2 /NDF:3457.1/17

Left: -0.141 $\pm$ 0.001 χ^2 /NDF: 5446.9/36
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.140 $\pm$ 0.001 χ^2 /NDF:3457.1/17
 Out: -0.141 $\pm$ 0.001 χ^2 /NDF:1989.0/18
 All: -0.141 $\pm$ 0.001 χ^2 /NDF: 5446.9/36

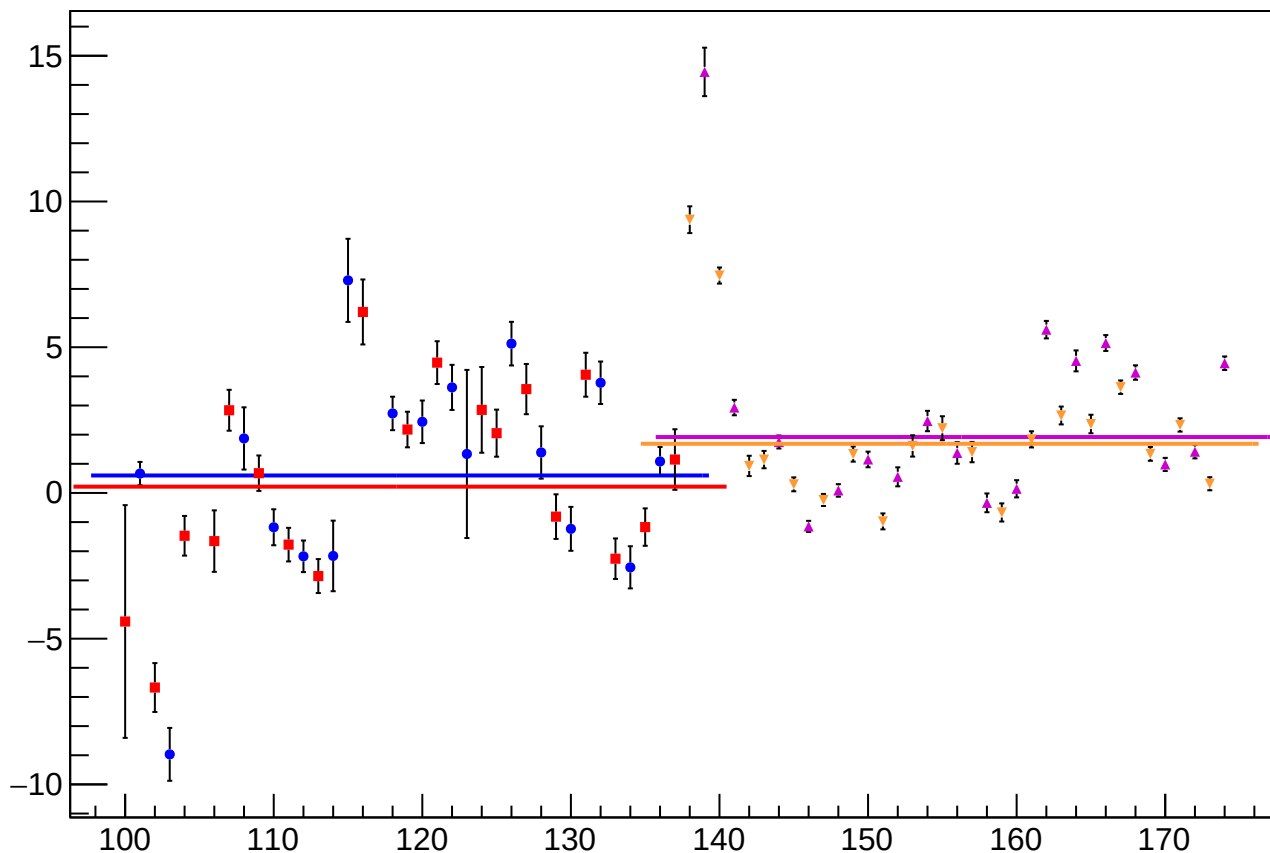
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.703+/-0.088 χ^2/NDF :3091.7/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -6.771+/-0.085 χ^2/NDF :3429.3/17

Left: -6.738+/-0.061 χ^2/NDF : 6521.2/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -6.771+/-0.085 χ^2/NDF :3429.3/17
 Out: -6.703+/-0.088 χ^2/NDF :3091.7/18
 All: -6.738+/-0.061 χ^2/NDF : 6521.2/36

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: 1.687 ± 0.064 χ^2/NDF : 1133.9/18

Right Out: 0.216 ± 0.175 χ^2/NDF : 274.5/18

Left In: 1.919 ± 0.063 χ^2/NDF : 1252.9/17

Left: 1.804 ± 0.045 χ^2/NDF : 2393.5/36

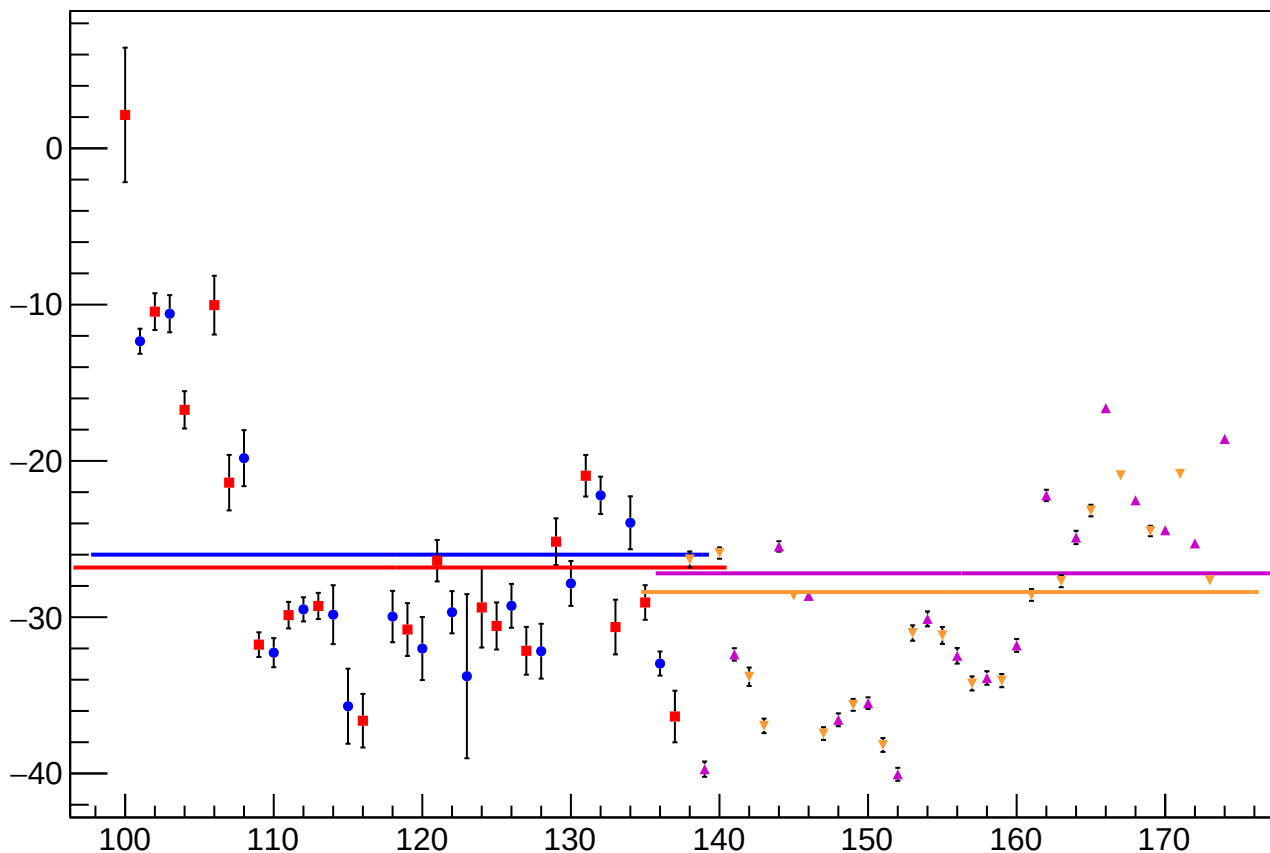
Right: 0.414 ± 0.122 χ^2/NDF : 568.9/35

In: 1.757 ± 0.059 χ^2/NDF : 1598.1/34

Out: 1.515 ± 0.060 χ^2/NDF : 1471.1/37

All: 1.637 ± 0.042 χ^2/NDF : 3077.5/72

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -28.392 ± 0.088 χ^2/NDF : 3933.9/18

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -27.193 ± 0.085 χ^2/NDF : 6034.7/17

Left: -27.774 ± 0.061 χ^2/NDF : 10065.1/36

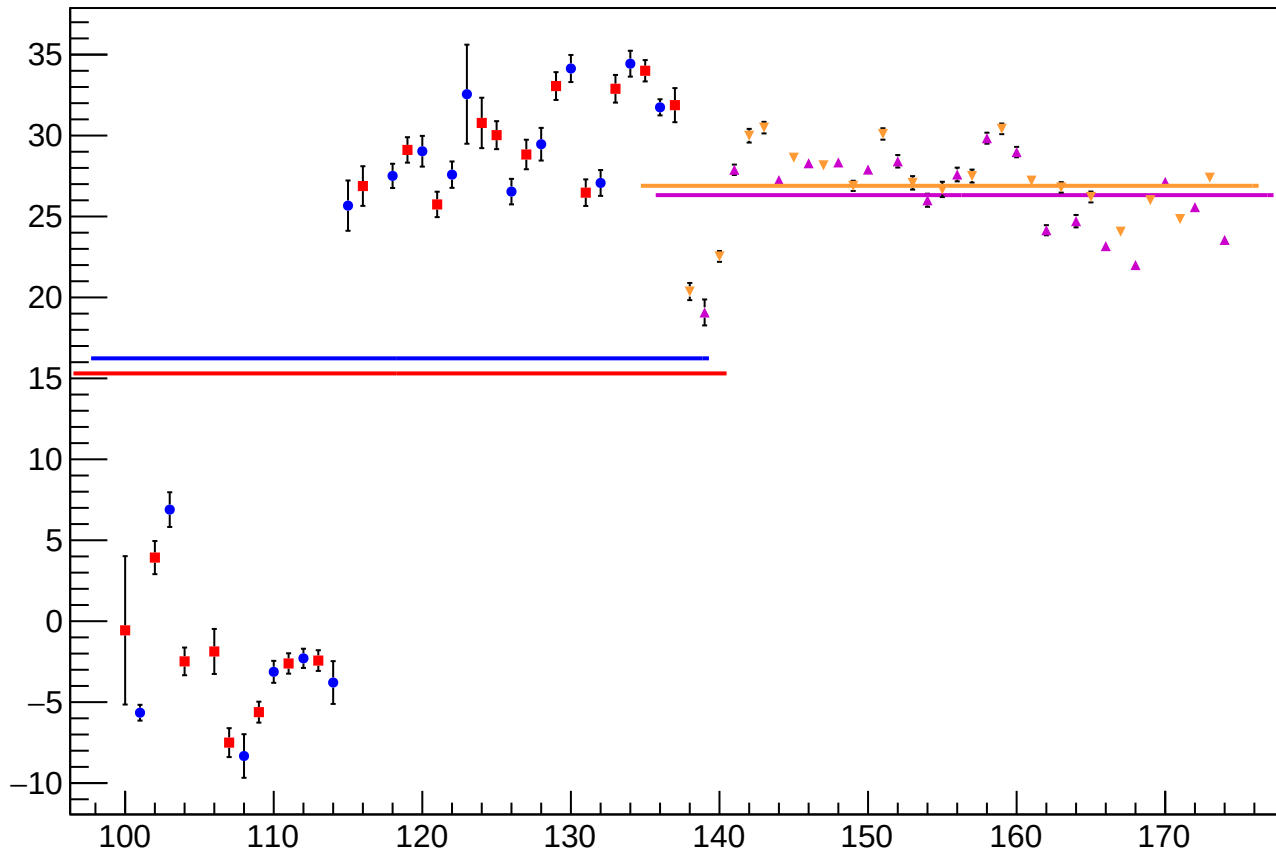
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -27.104 ± 0.082 χ^2/NDF : 6742.0/34

Out: -28.267 ± 0.084 χ^2/NDF : 4540.4/37

All: -27.669 ± 0.059 χ^2/NDF : 11380.7/72

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 26.897 $\pm$ 0.073 χ^2 /NDF: 948.3/18

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 26.320 $\pm$ 0.072 χ^2 /NDF: 1026.0/17

Left: 26.606 $\pm$ 0.051 χ^2 /NDF: 2005.8/36

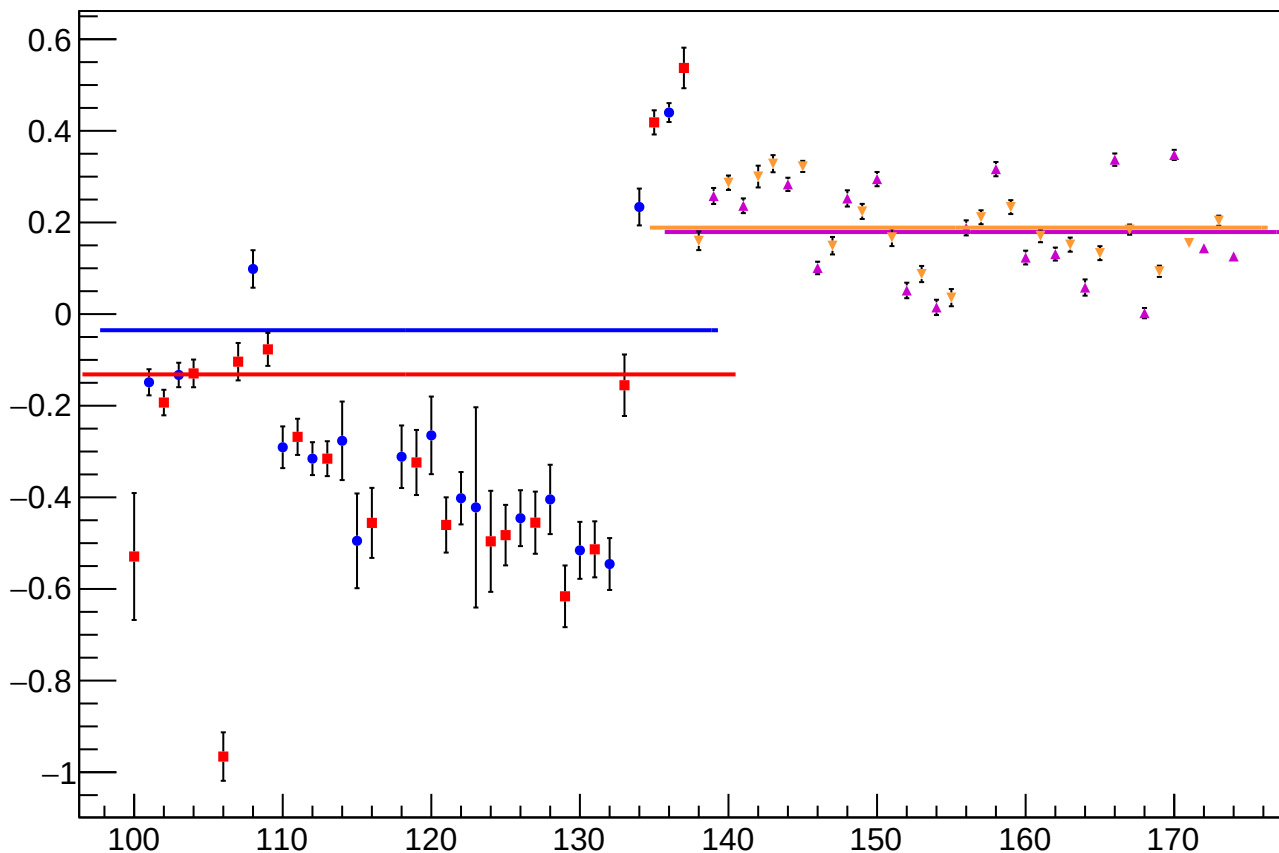
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 25.059 $\pm$ 0.068 χ^2 /NDF: 11034.4/34

Out: 25.496 $\pm$ 0.068 χ^2 /NDF: 11264.4/37

All: 25.275 $\pm$ 0.048 χ^2 /NDF: 22319.4/72

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.010 χ^2 /NDF: 1013.6/16

Left Out: 0.189 $\pm$ 0.003 χ^2 /NDF:452.8/18

Right Out: -0.132 $\pm$ 0.010 χ^2 /NDF: 1169.8/18

Left In: 0.179 $\pm$ 0.003 χ^2 /NDF:1147.0/17

Left: 0.184 $\pm$ 0.002 χ^2 /NDF: 1604.0/36

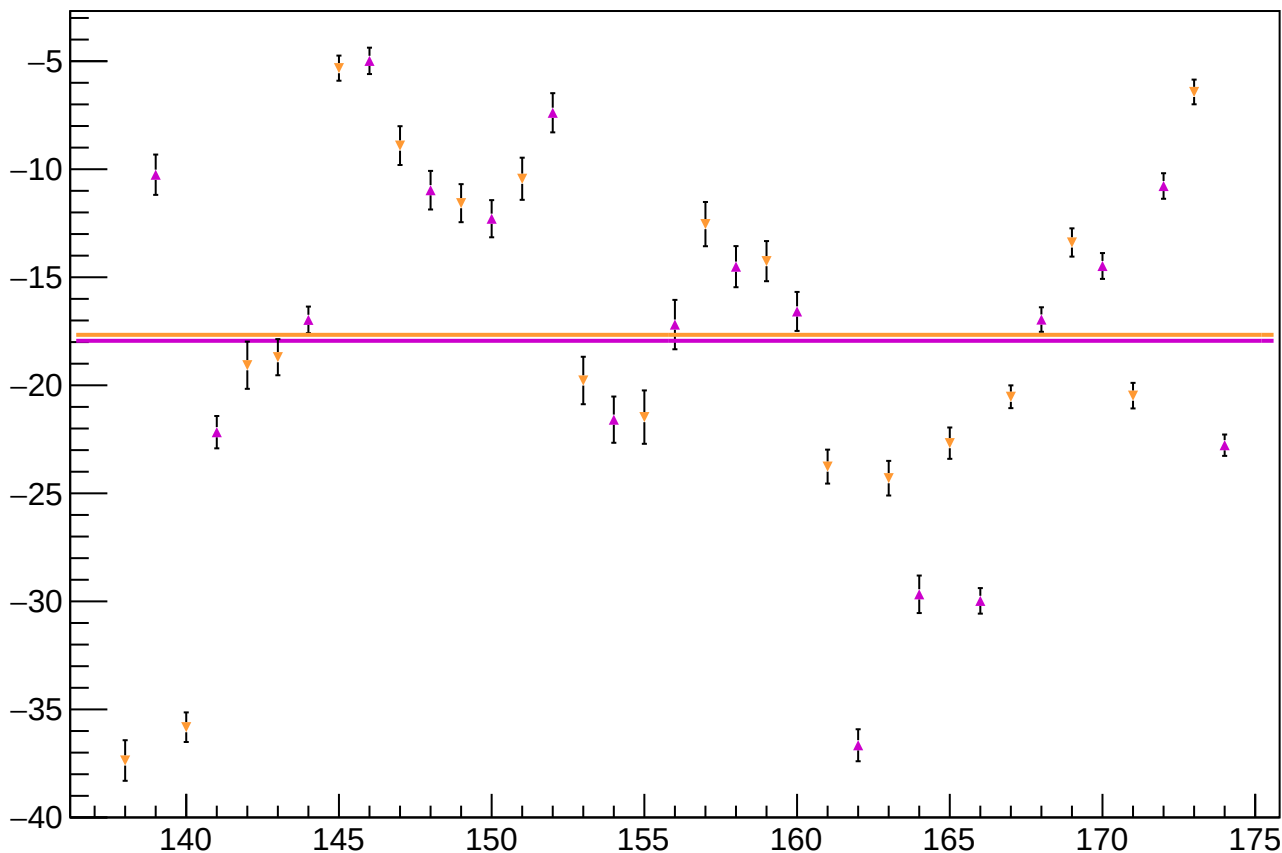
Right: -0.083 $\pm$ 0.007 χ^2 /NDF: 2226.9/35

In: 0.159 $\pm$ 0.003 χ^2 /NDF:2551.5/34

Out: 0.158 $\pm$ 0.003 χ^2 /NDF:2486.3/37

All: 0.158 $\pm$ 0.002 χ^2 /NDF: 5037.9/72

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -17.664 $\pm$ 0.175 χ^2/NDF :2504.7/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -17.941 $\pm$ 0.169 χ^2/NDF :2333.6/17

Left: -17.807 $\pm$ 0.122 χ^2/NDF : 4839.6/36

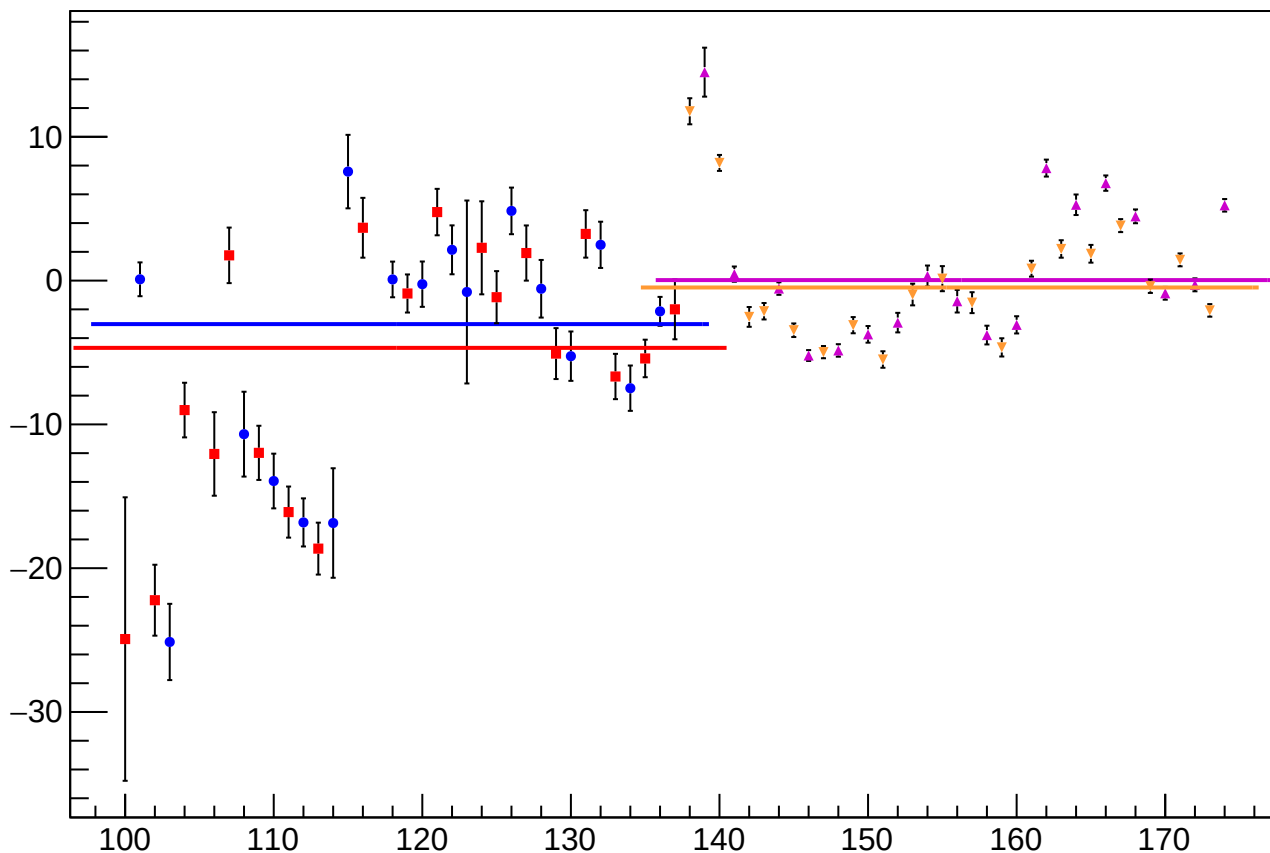
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -17.941 $\pm$ 0.169 χ^2/NDF :2333.6/17

Out: -17.664 $\pm$ 0.175 χ^2/NDF :2504.7/18

All: -17.807 $\pm$ 0.122 χ^2/NDF : 4839.6/36

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: -0.478 ± 0.127 χ^2/NDF : 900.3/18

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 0.035 ± 0.126 χ^2/NDF : 1139.5/17

Left: -0.218 ± 0.090 χ^2/NDF : 2048.0/36

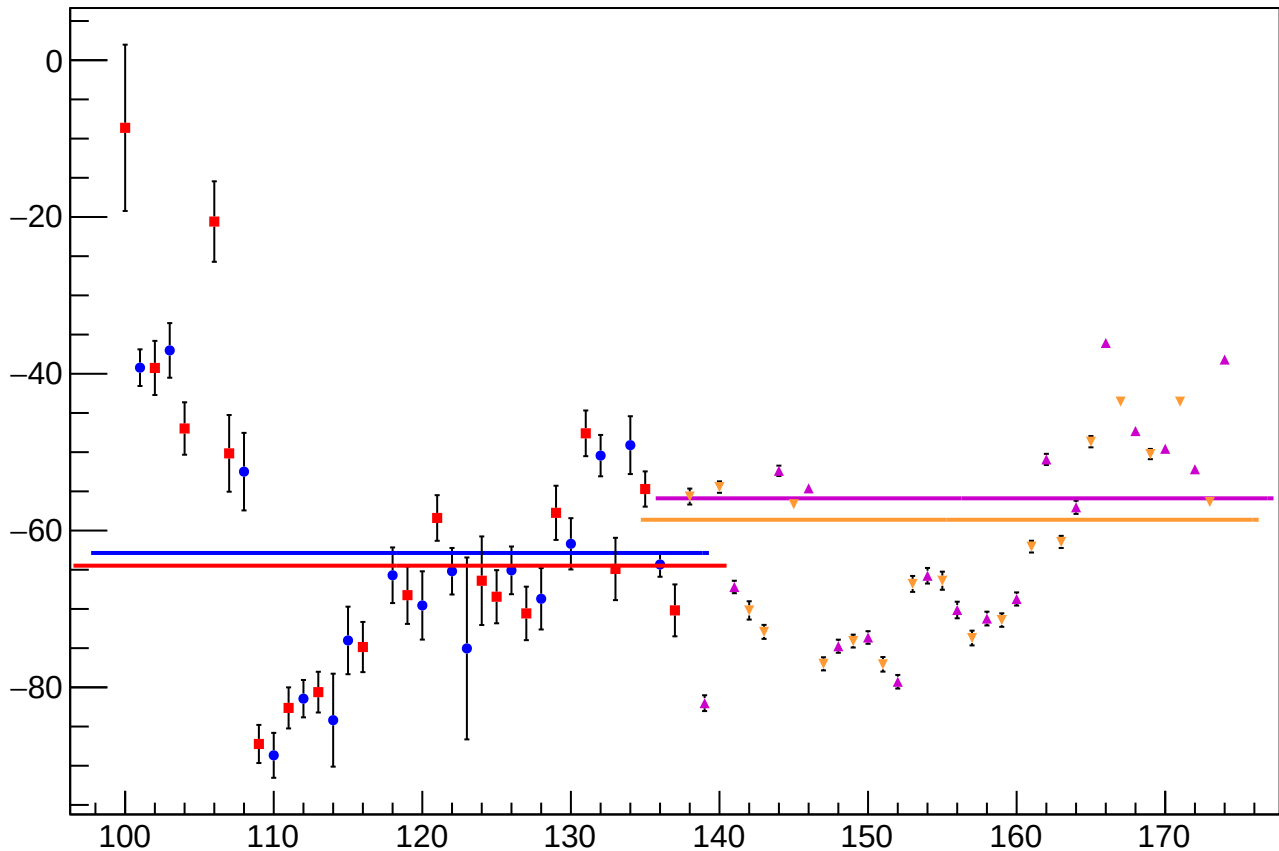
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: -0.231 ± 0.120 χ^2/NDF : 1471.5/34

Out: -0.823 ± 0.122 χ^2/NDF : 1288.5/37

All: -0.522 ± 0.086 χ^2/NDF : 2772.0/72

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: -58.621 ± 0.175 χ^2/NDF : 4043.1/18

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -55.889 ± 0.169 χ^2/NDF : 6039.9/17

Left: -57.207 ± 0.122 χ^2/NDF : 10208.4/36

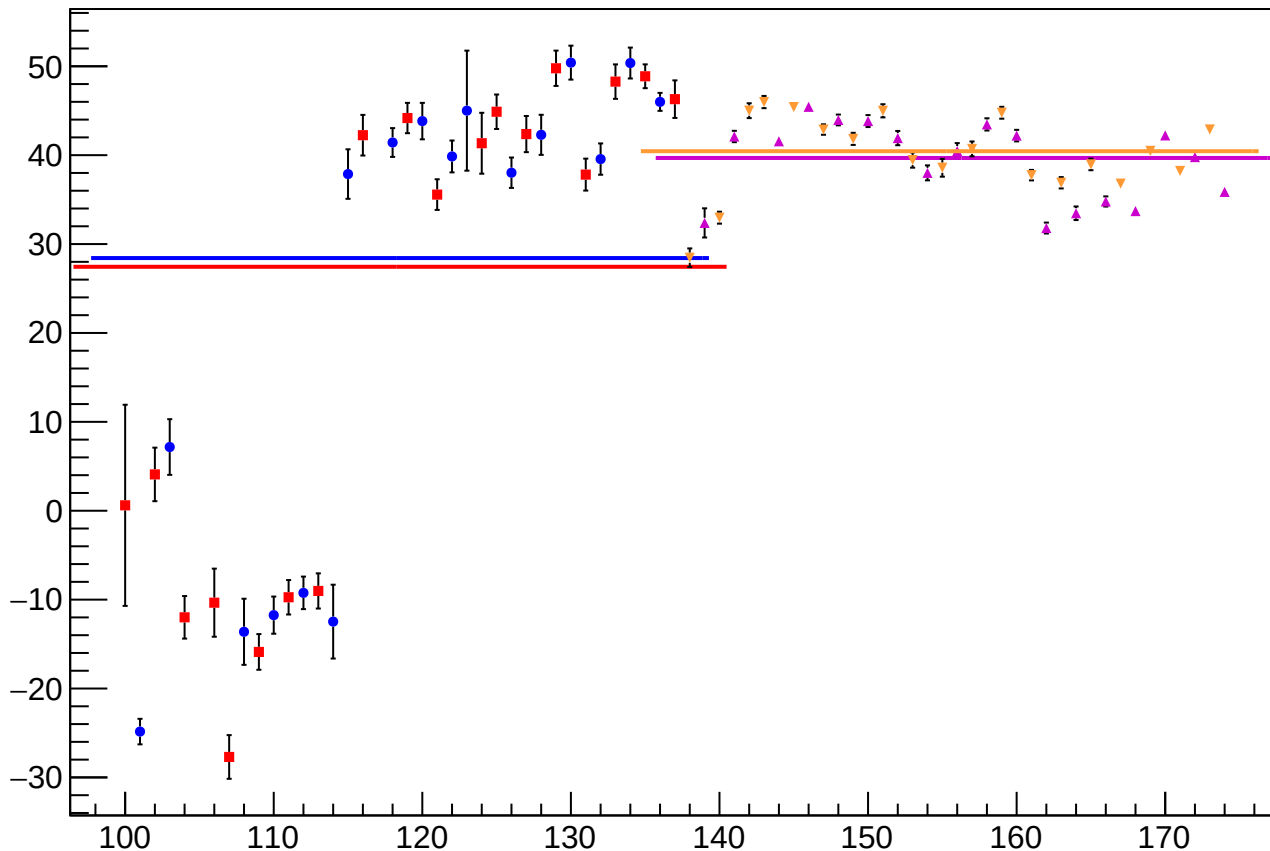
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -56.237 ± 0.165 χ^2/NDF : 6492.1/34

Out: -58.924 ± 0.171 χ^2/NDF : 4544.8/37

All: -57.535 ± 0.119 χ^2/NDF : 11164.7/72

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 χ^2/NDF : 3322.4/16

Left Out: 40.447 ± 0.146 χ^2/NDF : 695.9/18

Right Out: 27.445 ± 0.478 χ^2/NDF : 3033.4/18

Left In: 39.686 ± 0.144 χ^2/NDF : 852.9/17

Left: 40.061 ± 0.103 χ^2/NDF : 1562.6/36

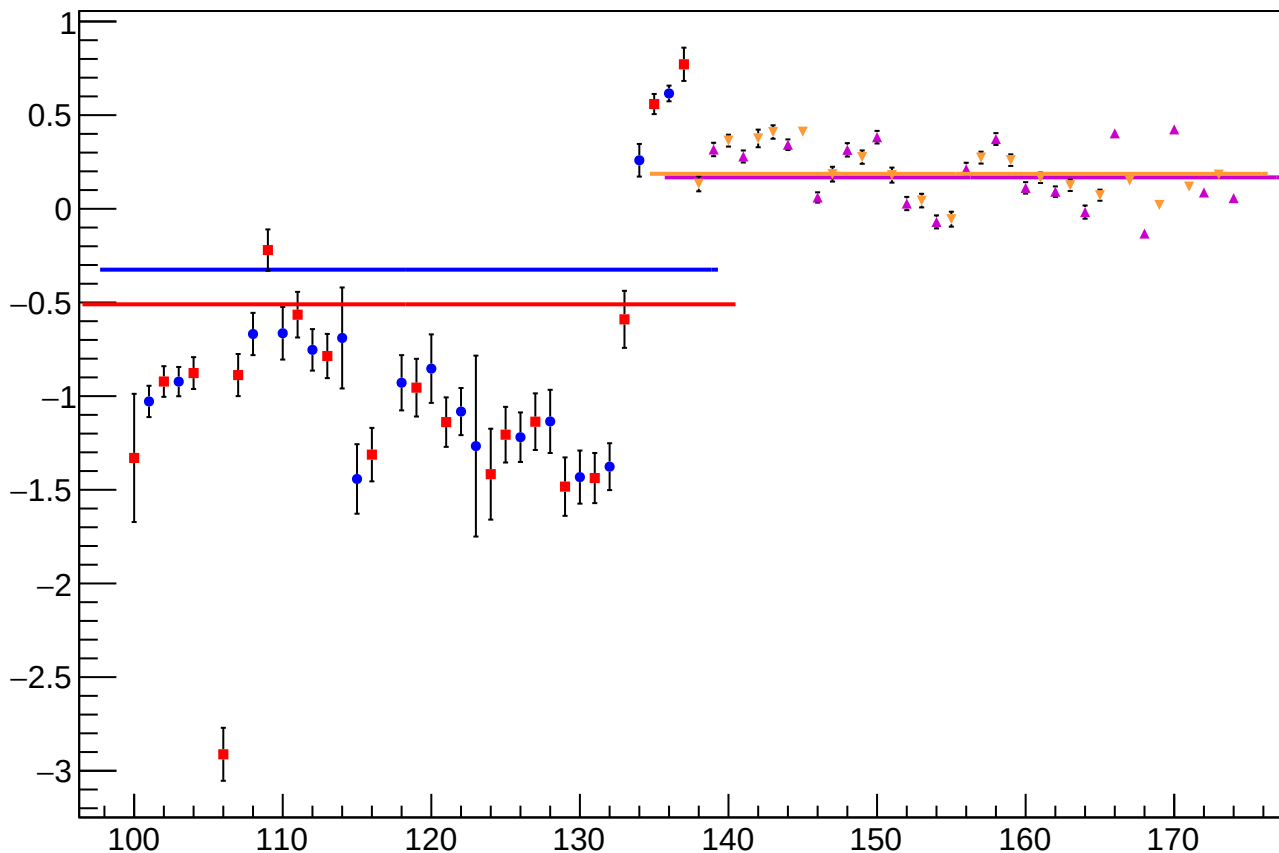
Right: 27.957 ± 0.331 χ^2/NDF : 6358.0/35

In: 38.672 ± 0.137 χ^2/NDF : 4725.8/34

Out: 39.337 ± 0.140 χ^2/NDF : 4405.2/37

All: 38.999 ± 0.098 χ^2/NDF : 9142.5/72

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.187 ± 0.007 χ^2/NDF : 325.4/18

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.168 ± 0.007 χ^2/NDF : 735.6/17

Left: 0.177 ± 0.005 χ^2/NDF : 1065.1/36

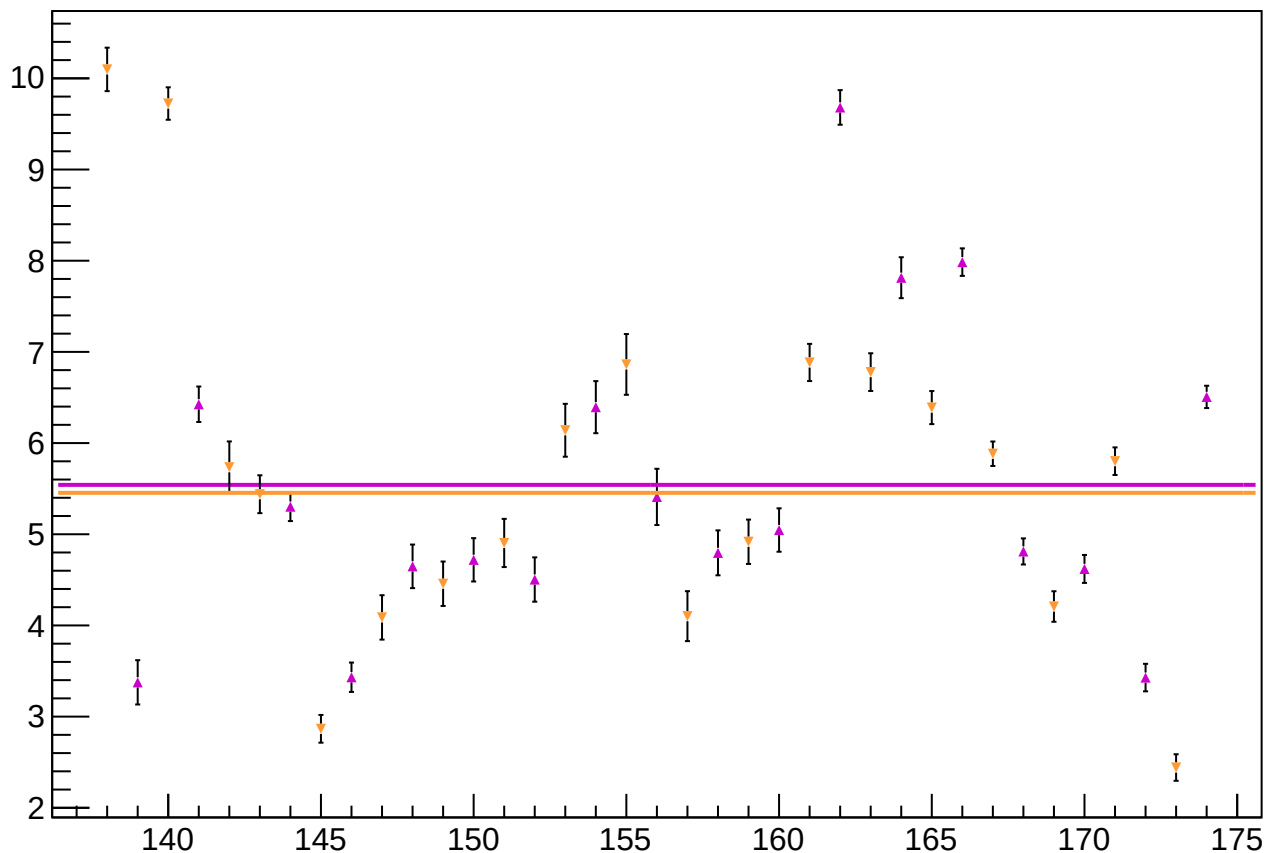
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.135 ± 0.006 χ^2/NDF : 2112.6/34

Out: 0.142 ± 0.007 χ^2/NDF : 2181.9/37

All: 0.138 ± 0.005 χ^2/NDF : 4295.0/72

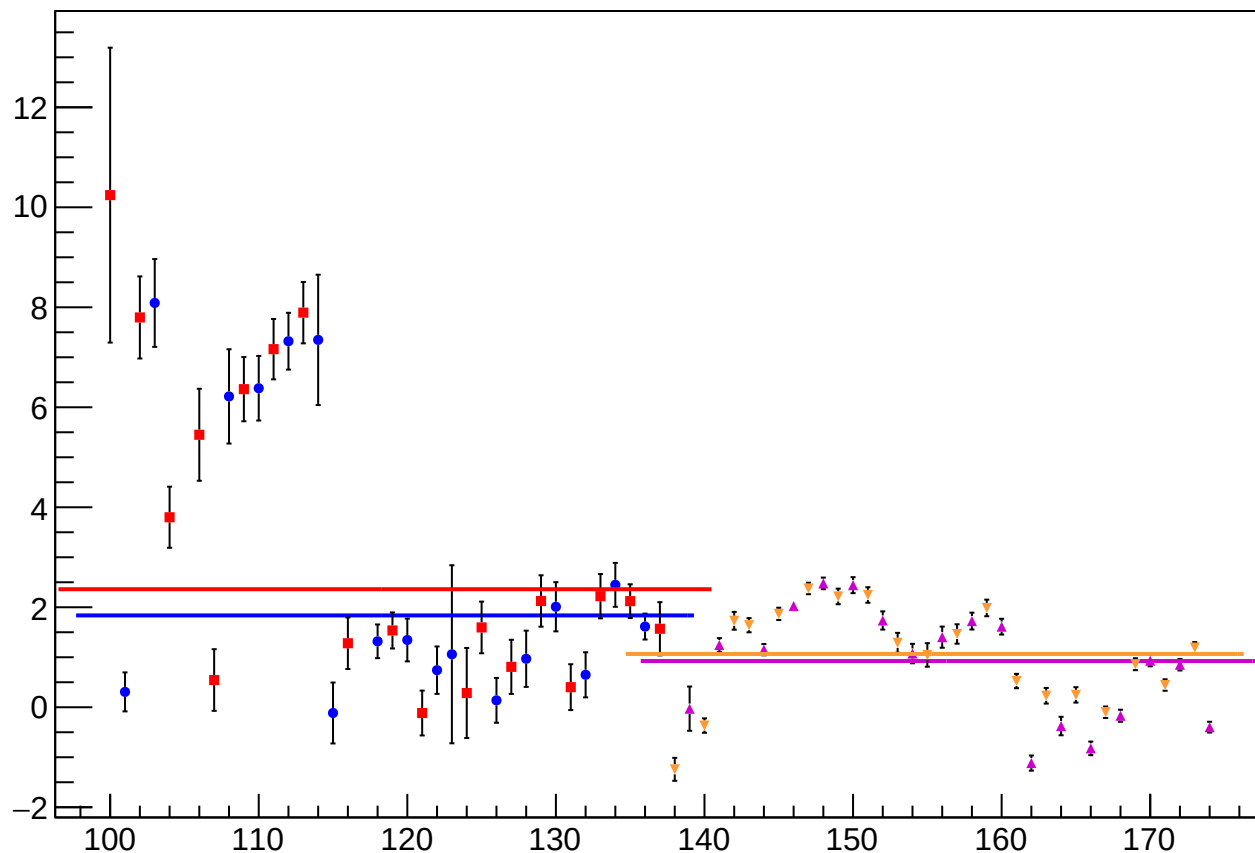
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.454+/-0.045 χ^2/NDF :1966.2/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.542+/-0.044 χ^2/NDF :1501.3/17

Left: 5.500+/-0.031 χ^2/NDF : 3469.3/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.542+/-0.044 χ^2/NDF :1501.3/17
 Out: 5.454+/-0.045 χ^2/NDF :1966.2/18
 All: 5.500+/-0.031 χ^2/NDF : 3469.3/36

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: 1.066 ± 0.033 $\chi^2/\text{NDF}: 757.2/18$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: 0.924 ± 0.033 $\chi^2/\text{NDF}: 1103.9/17$

Left: 0.994 ± 0.023 $\chi^2/\text{NDF}: 1870.4/36$

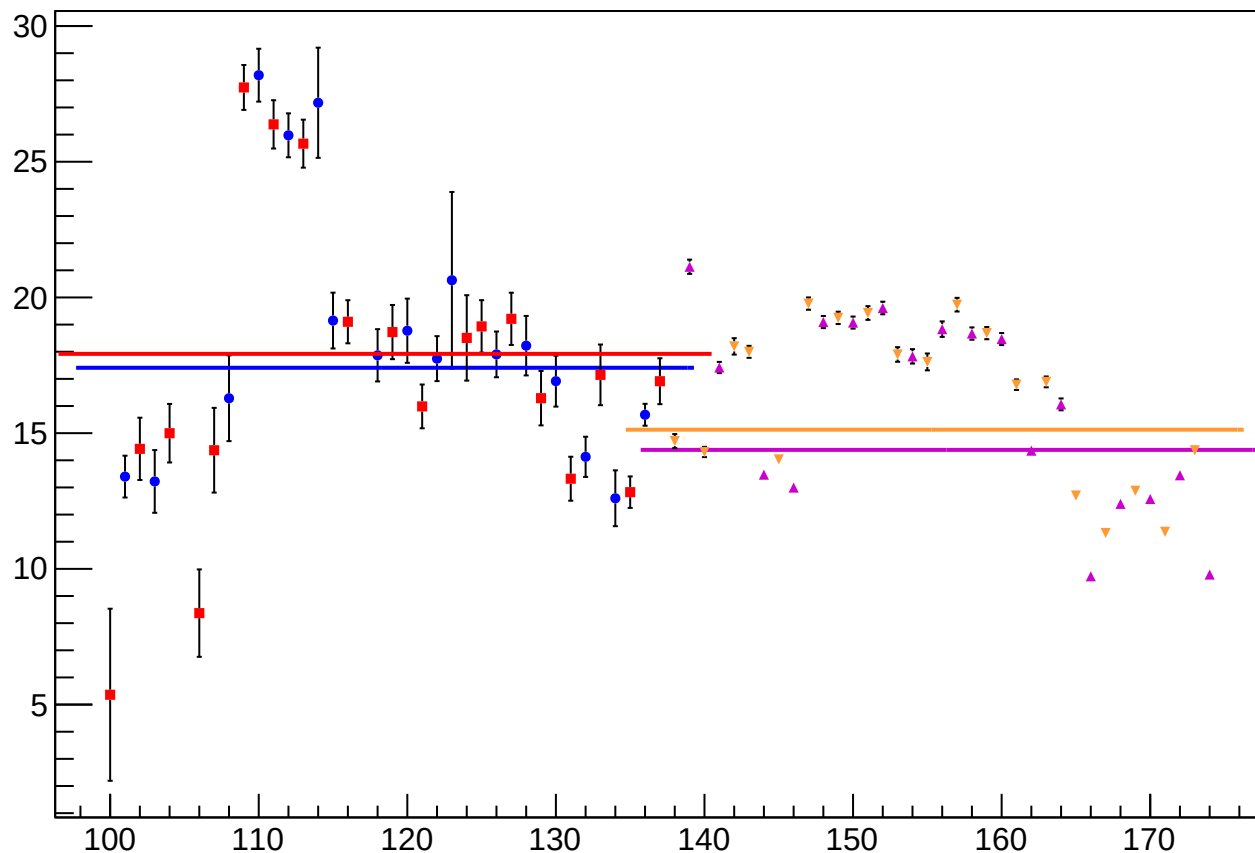
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 0.991 ± 0.031 $\chi^2/\text{NDF}: 1455.2/34$

Out: 1.154 ± 0.032 $\chi^2/\text{NDF}: 1198.4/37$

All: 1.071 ± 0.022 $\chi^2/\text{NDF}: 2666.8/72$

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$

Left Out: 15.127 ± 0.045 $\chi^2/\text{NDF}: 4040.3/18$

Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$

Left In: 14.384 ± 0.044 $\chi^2/\text{NDF}: 6025.5/17$

Left: 14.742 ± 0.032 $\chi^2/\text{NDF}: 10204.5/36$

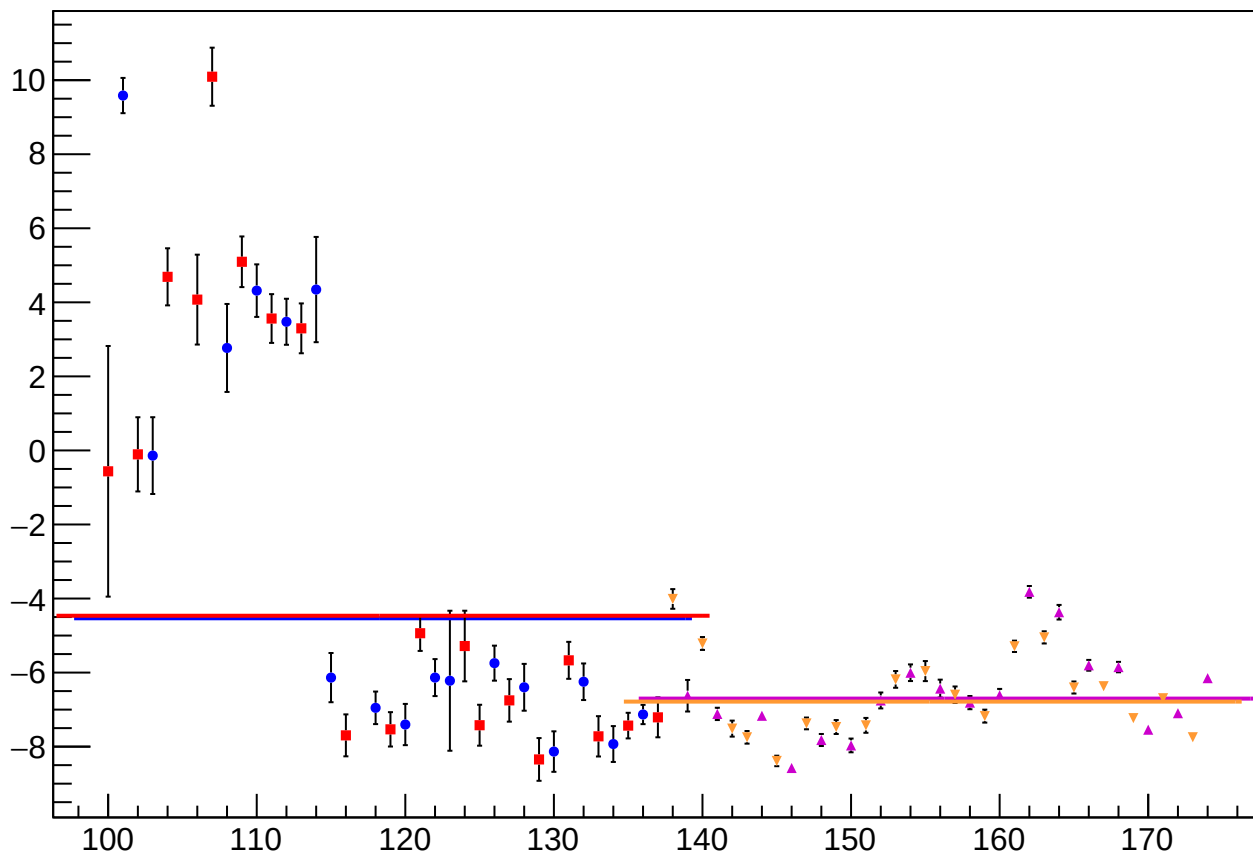
Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$

In: 14.508 ± 0.043 $\chi^2/\text{NDF}: 6585.9/34$

Out: 15.243 ± 0.045 $\chi^2/\text{NDF}: 4703.2/37$

All: 14.862 ± 0.031 $\chi^2/\text{NDF}: 11430.6/72$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -6.784 ± 0.038 $\chi^2/\text{NDF}: 717.8/18$

Right Out: -4.465 ± 0.137 $\chi^2/\text{NDF}: 1340.6/18$

Left In: -6.703 ± 0.037 $\chi^2/\text{NDF}: 978.8/17$

Left: -6.743 ± 0.027 $\chi^2/\text{NDF}: 1698.9/36$

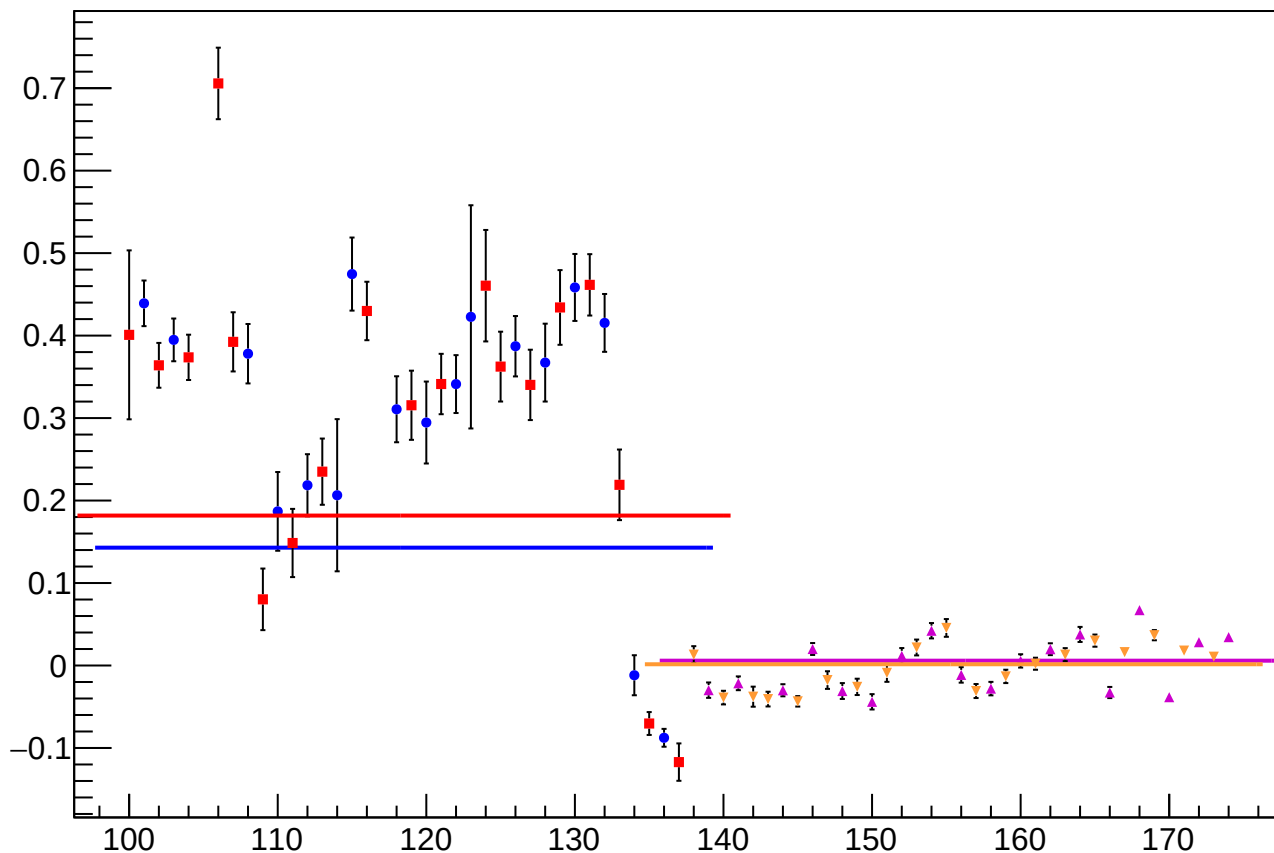
Right: -4.501 ± 0.094 $\chi^2/\text{NDF}: 2929.2/35$

In: -6.537 ± 0.036 $\chi^2/\text{NDF}: 2825.9/34$

Out: -6.619 ± 0.036 $\chi^2/\text{NDF}: 2325.3/37$

All: -6.577 ± 0.026 $\chi^2/\text{NDF}: 5153.7/72$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.002 $\pm$ 0.002 χ^2 /NDF:228.2/18

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.006 $\pm$ 0.002 χ^2 /NDF:419.1/17

Left: 0.004 $\pm$ 0.001 χ^2 /NDF: 650.4/36

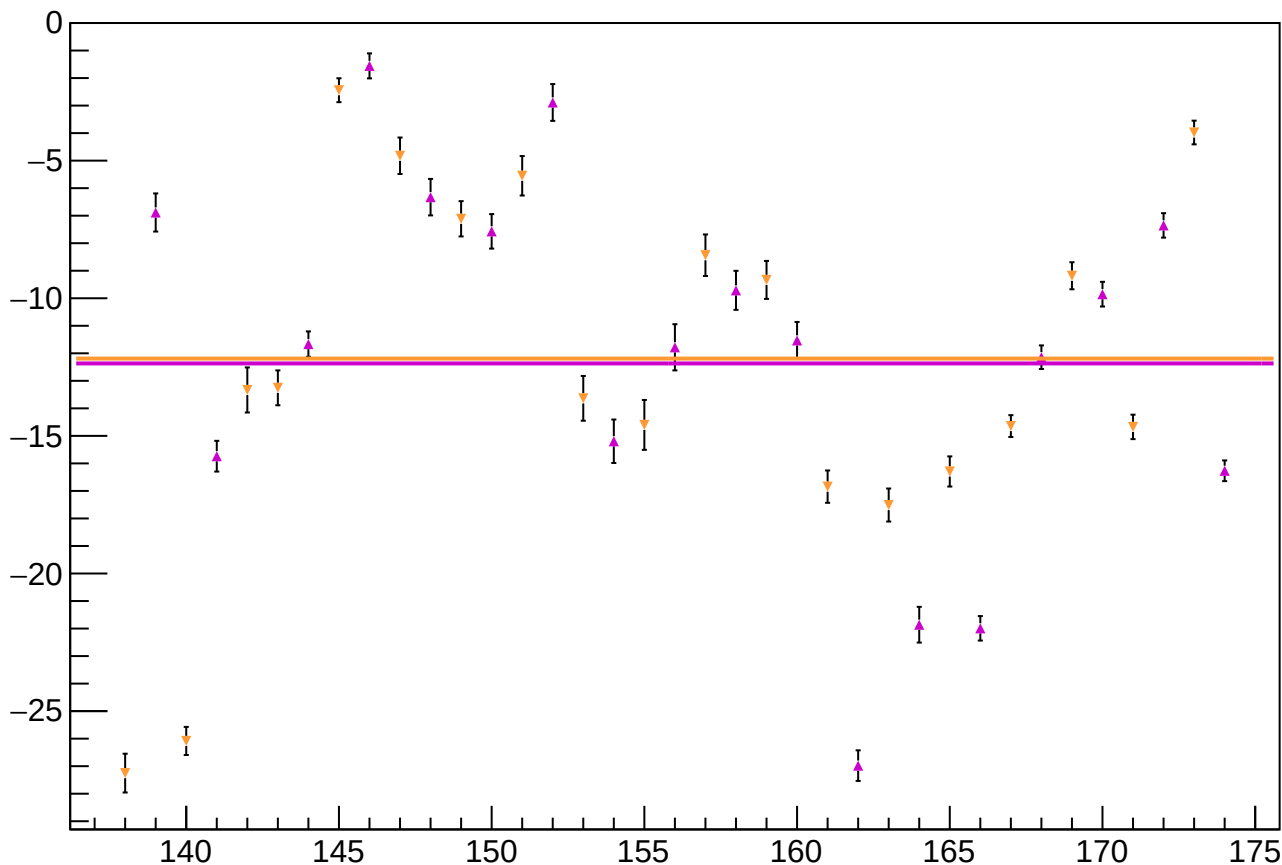
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.013 $\pm$ 0.002 χ^2 /NDF:1834.4/34

Out: 0.011 $\pm$ 0.002 χ^2 /NDF:1800.7/37

All: 0.012 $\pm$ 0.001 χ^2 /NDF: 3636.0/72

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: -12.191+/-0.131 χ^2/NDF :2699.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.368+/-0.127 χ^2/NDF :2678.9/17

Left: -12.282+/-0.091 χ^2/NDF : 5379.7/36

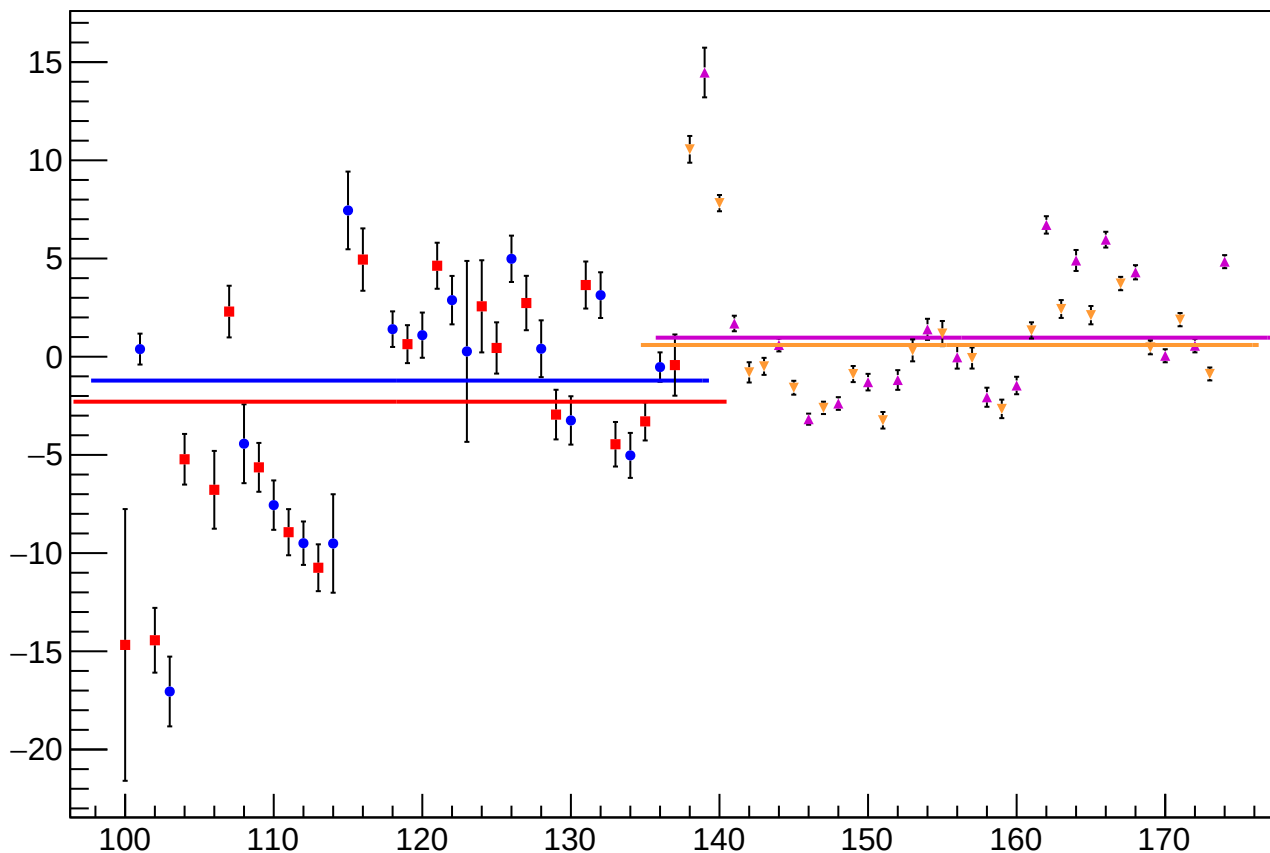
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.368+/-0.127 χ^2/NDF :2678.9/17

Out: -12.191+/-0.131 χ^2/NDF :2699.9/18

All: -12.282+/-0.091 χ^2/NDF : 5379.7/36

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 0.597 ± 0.095 χ^2/NDF : 968.8/18

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 0.969 ± 0.094 χ^2/NDF : 1167.0/17

Left: 0.785 ± 0.067 χ^2/NDF : 2143.5/36

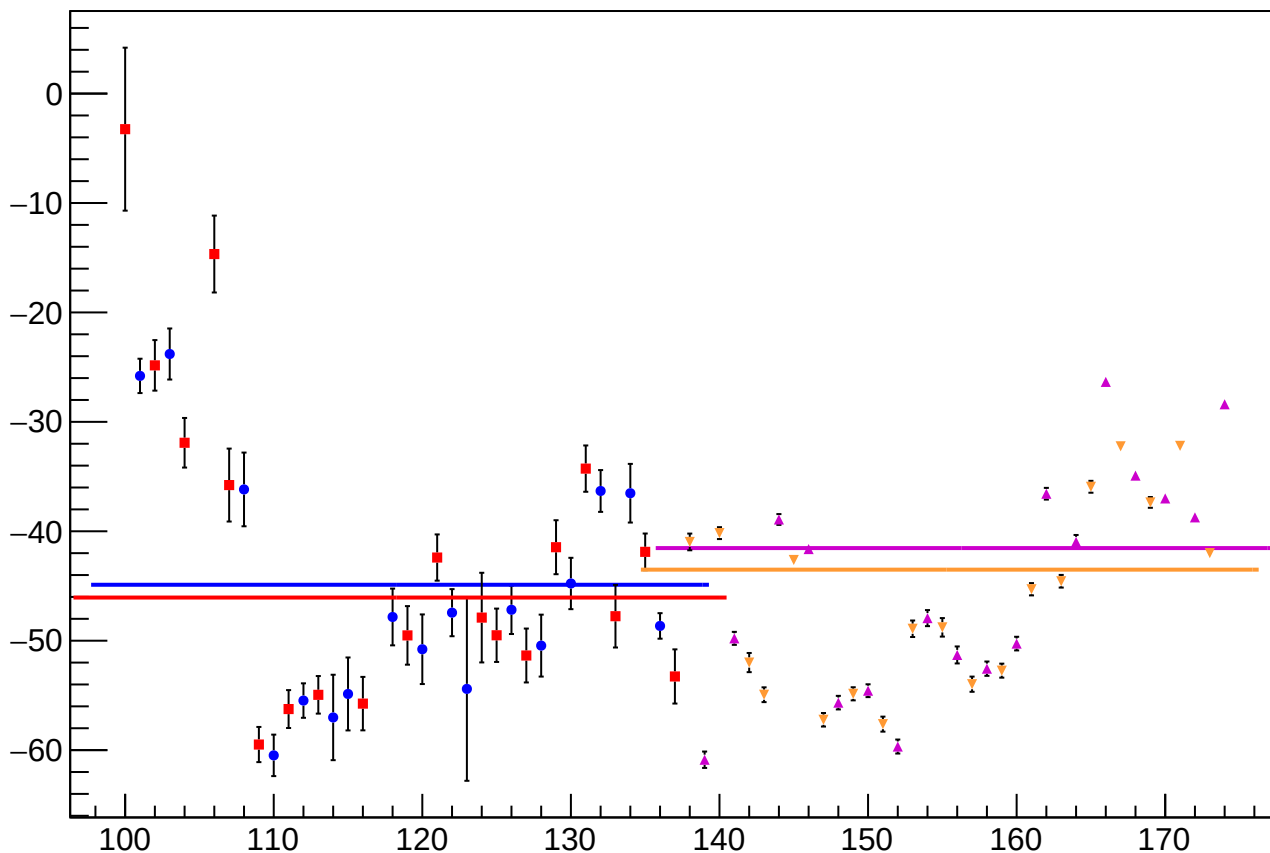
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 0.762 ± 0.090 χ^2/NDF : 1497.0/34

Out: 0.336 ± 0.091 χ^2/NDF : 1338.9/37

All: 0.552 ± 0.064 χ^2/NDF : 2847.0/72

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 $\chi^2/\text{NDF}: 420.4/16$

Left Out: -43.507 ± 0.131 $\chi^2/\text{NDF}: 4019.3/18$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -41.536 ± 0.127 $\chi^2/\text{NDF}: 6038.6/17$

Left: -42.488 ± 0.091 $\chi^2/\text{NDF}: 10174.9/36$

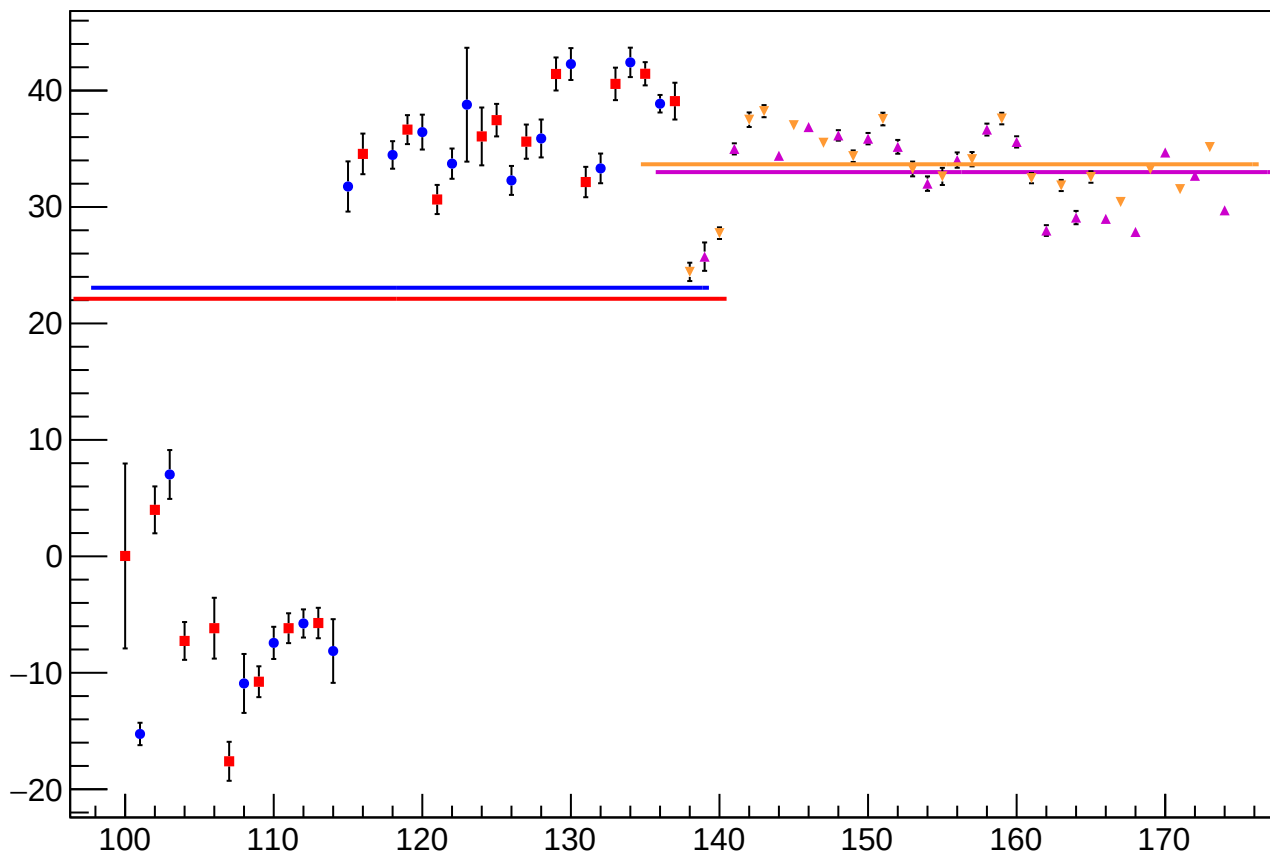
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -41.721 ± 0.123 $\chi^2/\text{NDF}: 6497.8/34$

Out: -43.655 ± 0.127 $\chi^2/\text{NDF}: 4495.0/37$

All: -42.657 ± 0.088 $\chi^2/\text{NDF}: 11112.1/72$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 33.669 $\pm$ 0.109 χ^2 /NDF: 748.9/18

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 32.996 $\pm$ 0.108 χ^2 /NDF: 875.7/17

Left: 33.328 $\pm$ 0.077 χ^2 /NDF: 1643.8/36

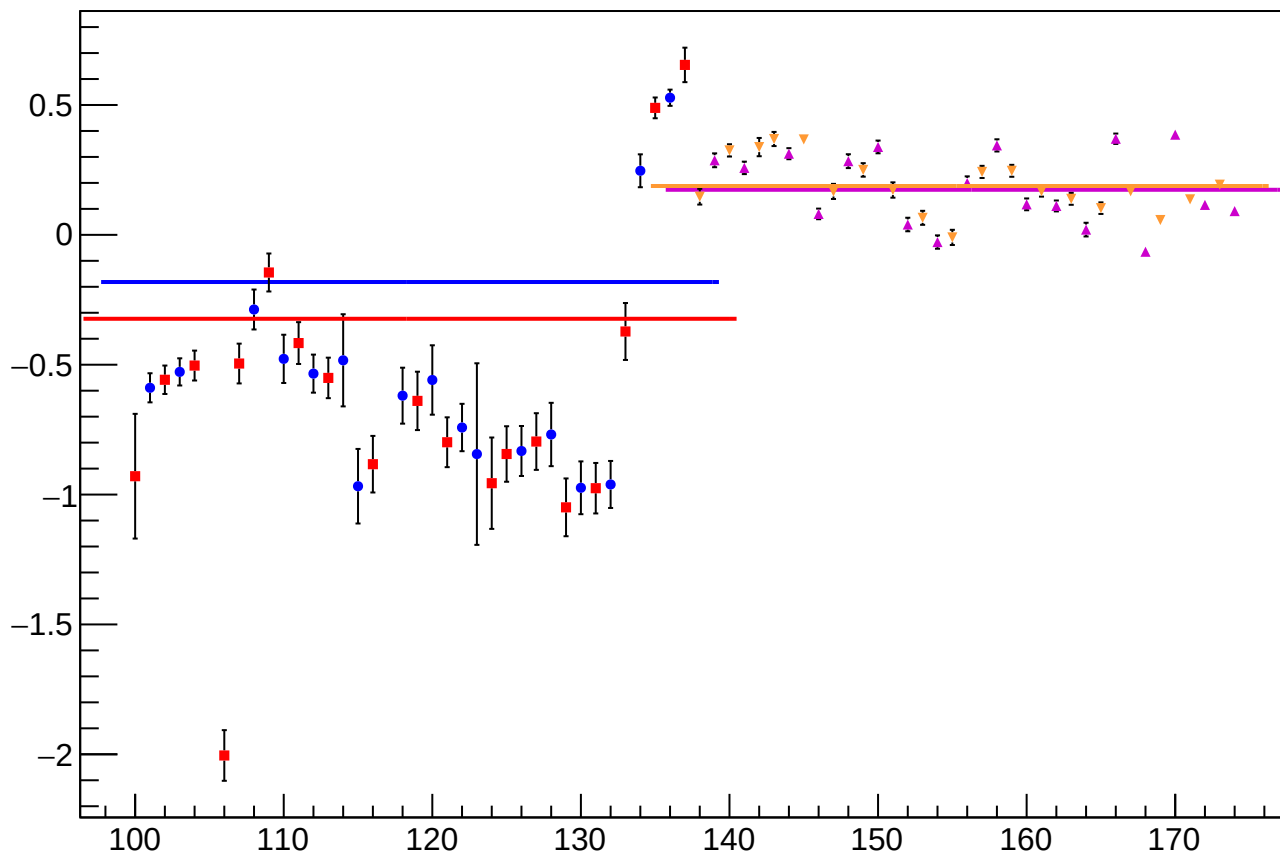
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 32.022 $\pm$ 0.102 χ^2 /NDF: 6043.2/34

Out: 32.588 $\pm$ 0.104 χ^2 /NDF: 5830.1/37

All: 32.301 $\pm$ 0.073 χ^2 /NDF: 11888.3/72

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.188 ± 0.005 χ^2/NDF : 365.4/18

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.174 ± 0.005 χ^2/NDF : 865.3/17

Left: 0.181 ± 0.004 χ^2/NDF : 1235.0/36

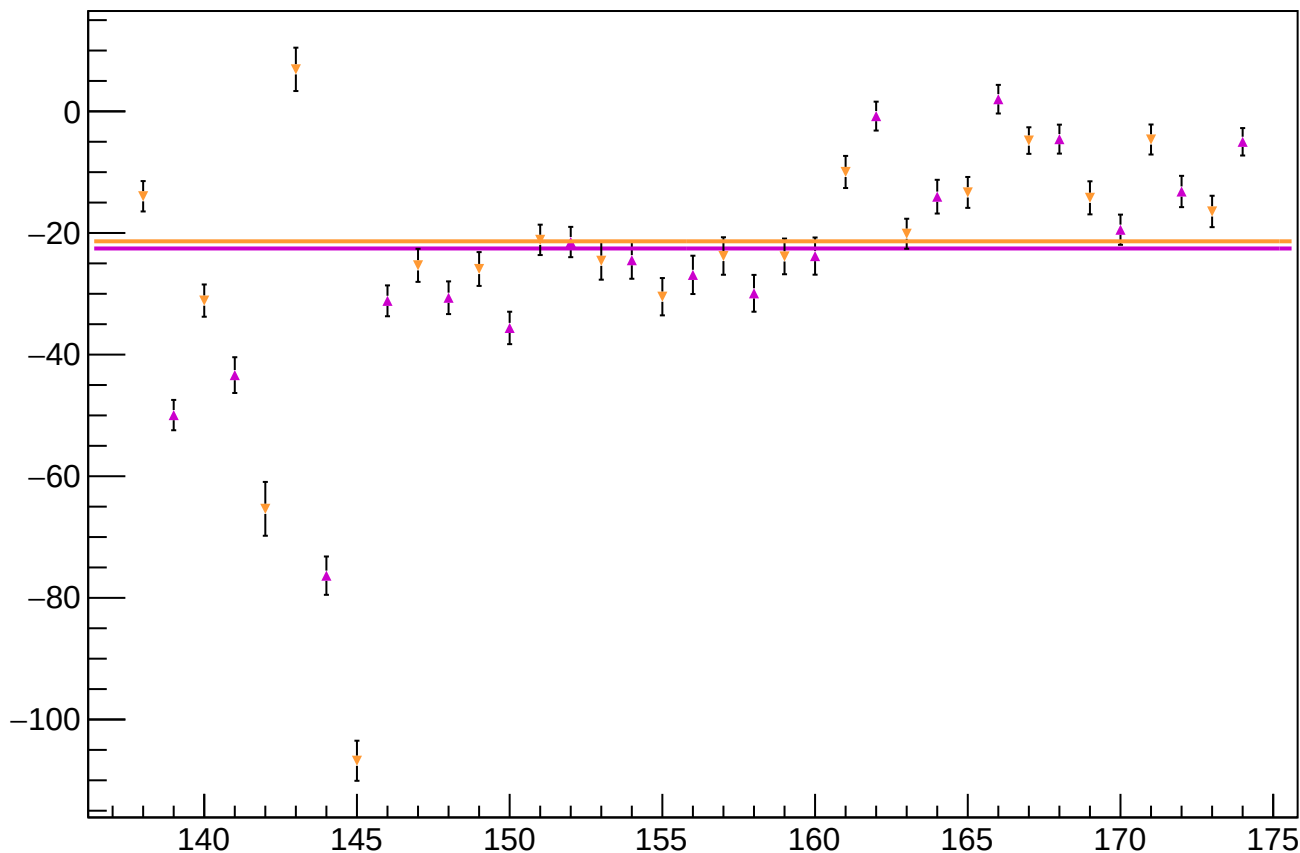
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.148 ± 0.005 χ^2/NDF : 2234.0/34

Out: 0.151 ± 0.005 χ^2/NDF : 2284.4/37

All: 0.150 ± 0.003 χ^2/NDF : 4518.6/72

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -21.370+/-0.632 χ^2/NDF :1014.3/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -22.550+/-0.624 χ^2/NDF :849.8/17

Left: -21.968+/-0.444 χ^2/NDF : 1865.8/36

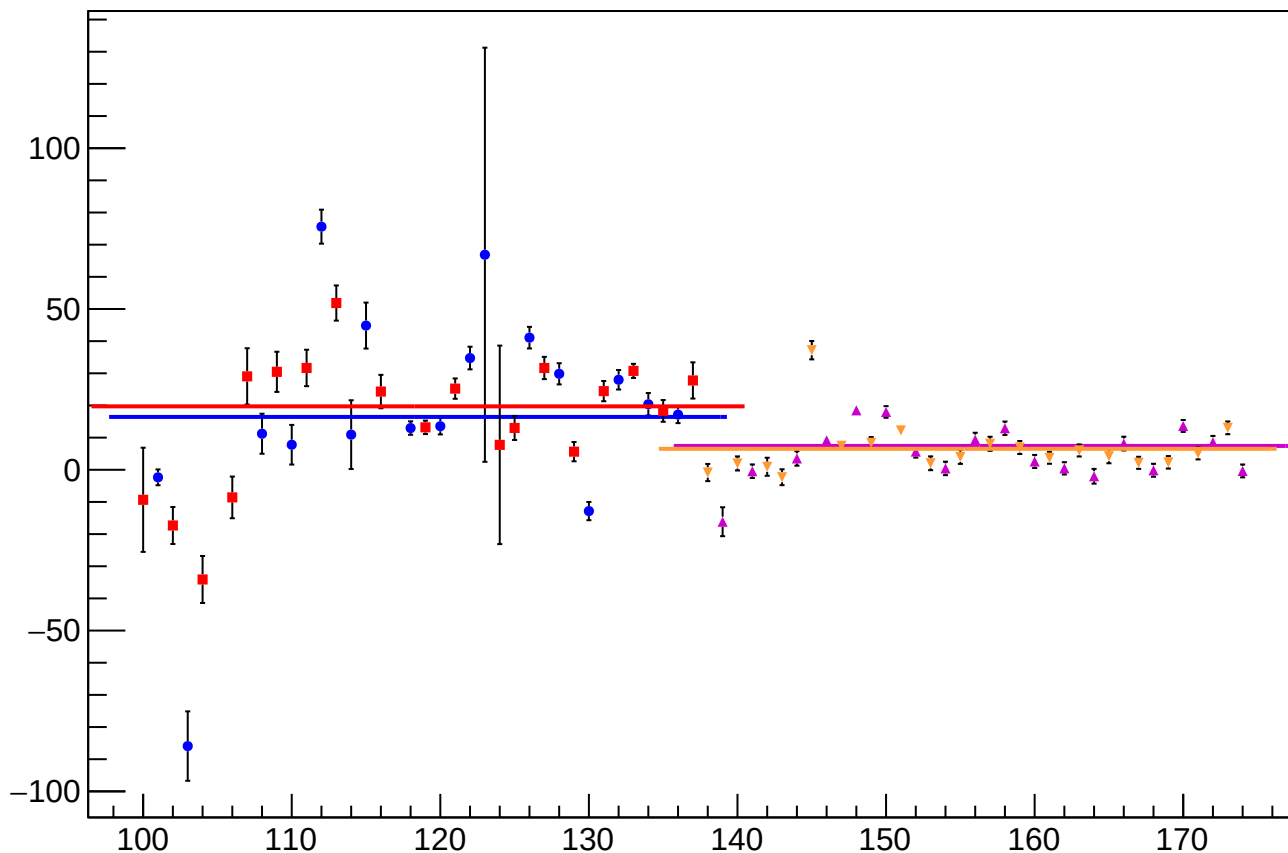
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -22.550+/-0.624 χ^2/NDF :849.8/17

Out: -21.370+/-0.632 χ^2/NDF :1014.3/18

All: -21.968+/-0.444 χ^2/NDF : 1865.8/36

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: 6.526 $\pm$ 0.451 χ^2 /NDF:192.7/18

Right Out: 19.724 $\pm$ 0.898 χ^2 /NDF: 241.7/18

Left In: 7.417 $\pm$ 0.460 χ^2 /NDF:247.9/17

Left: 6.963 $\pm$ 0.322 χ^2 /NDF: 442.6/36

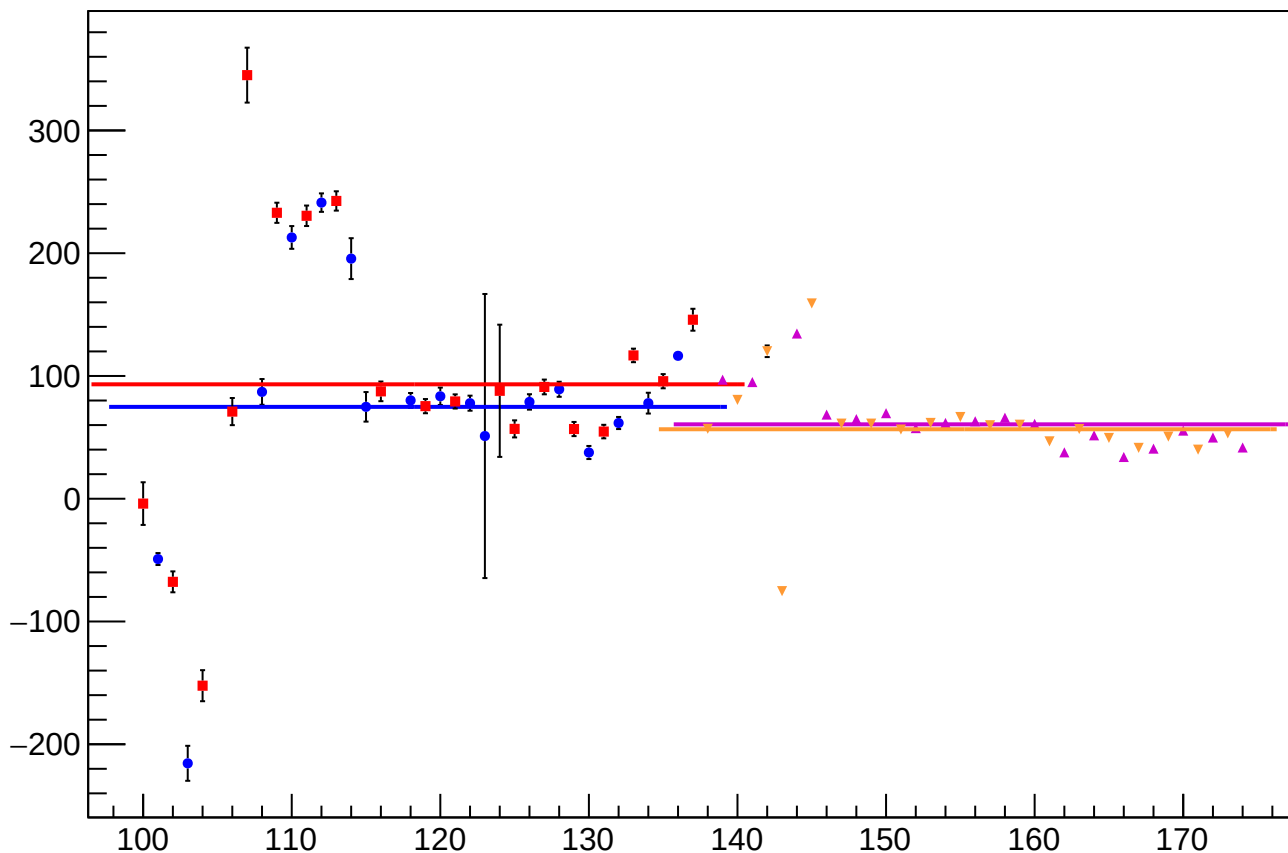
Right: 17.989 $\pm$ 0.617 χ^2 /NDF: 765.7/35

In: 9.465 $\pm$ 0.404 χ^2 /NDF:852.3/34

Out: 9.188 $\pm$ 0.403 χ^2 /NDF:606.9/37

All: 9.326 $\pm$ 0.285 χ^2 /NDF: 1459.5/72

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 56.589 $\pm$ 0.624 χ^2 /NDF: 2495.6/18

Right Out: 93.202 $\pm$ 1.712 χ^2 /NDF: 2000.7/18

Left In: 60.605 $\pm$ 0.616 χ^2 /NDF: 1199.4/17

Left: 58.623 $\pm$ 0.439 χ^2 /NDF: 3716.0/36

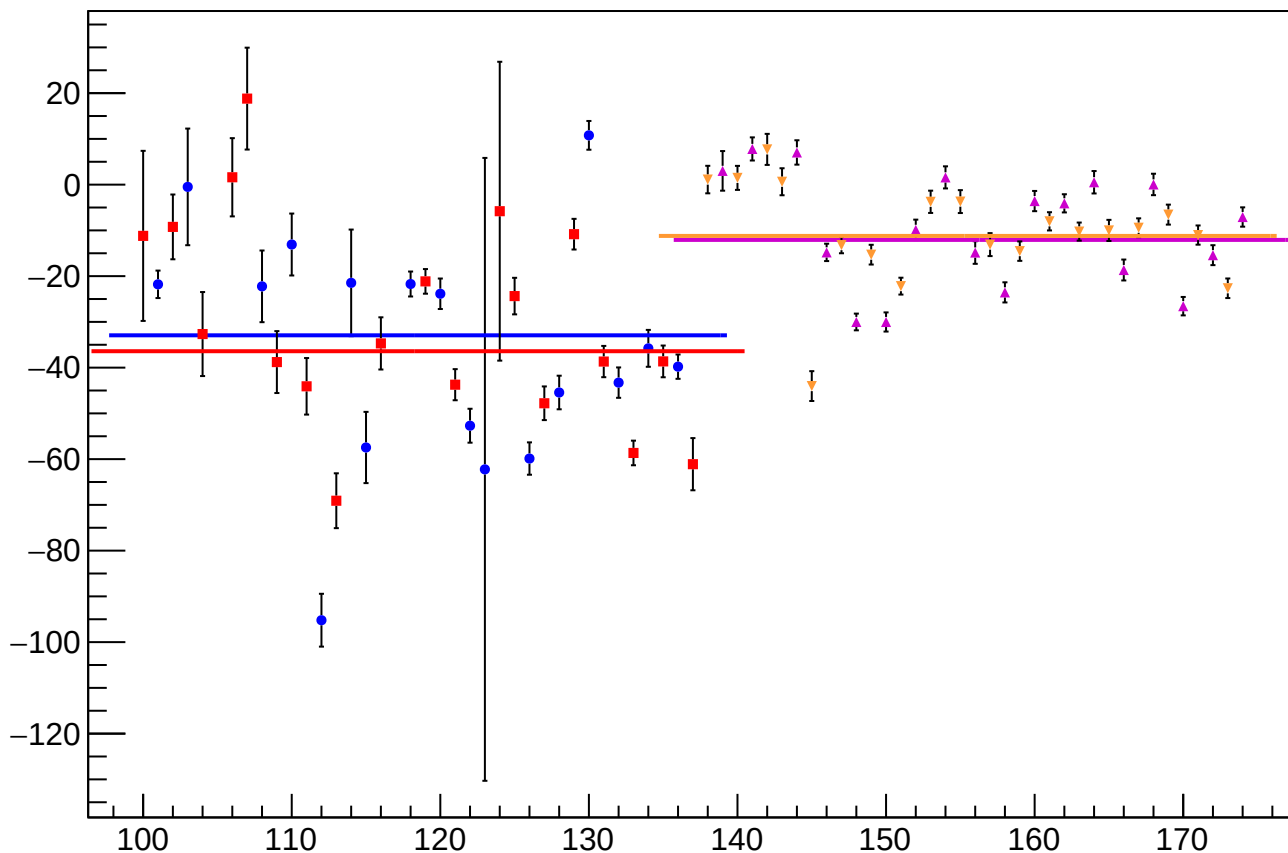
Right: 83.612 $\pm$ 1.184 χ^2 /NDF: 4057.7/35

In: 62.368 $\pm$ 0.577 χ^2 /NDF: 3262.2/34

Out: 60.889 $\pm$ 0.587 χ^2 /NDF: 4900.2/37

All: 61.641 $\pm$ 0.411 χ^2 /NDF: 8165.6/72

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -11.638 ± 0.371 χ^2/NDF : 799.5/36

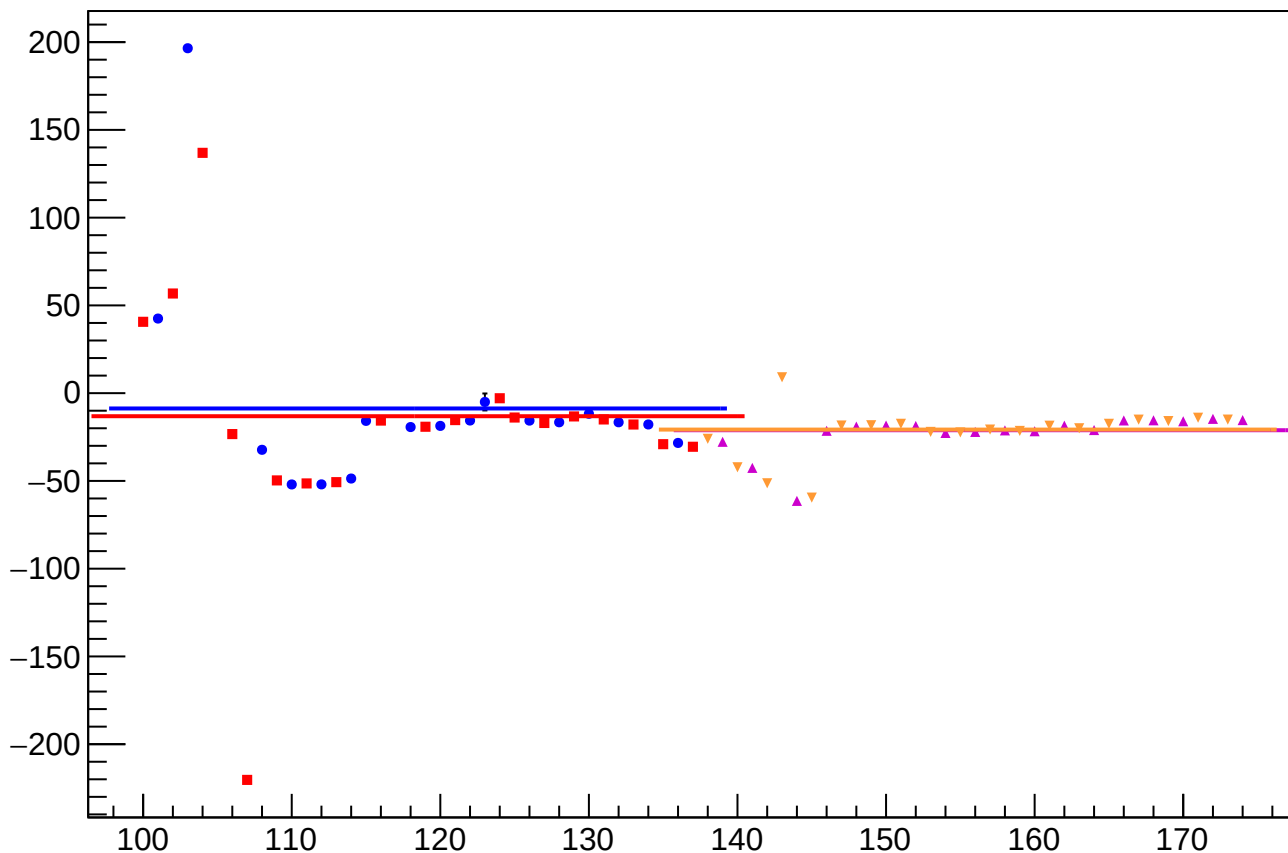
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -16.831 ± 0.465 χ^2/NDF : 1356.2/34

Out: -16.394 ± 0.465 χ^2/NDF : 1062.5/37

All: -16.612 ± 0.329 χ^2/NDF : 2419.1/72

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -20.753 ± 0.024 $\chi^2/\text{NDF}: 198785.8/18$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -21.114 ± 0.024 $\chi^2/\text{NDF}: 129733.7/17$

Left: -20.936 ± 0.017 $\chi^2/\text{NDF}: 328632.3/36$

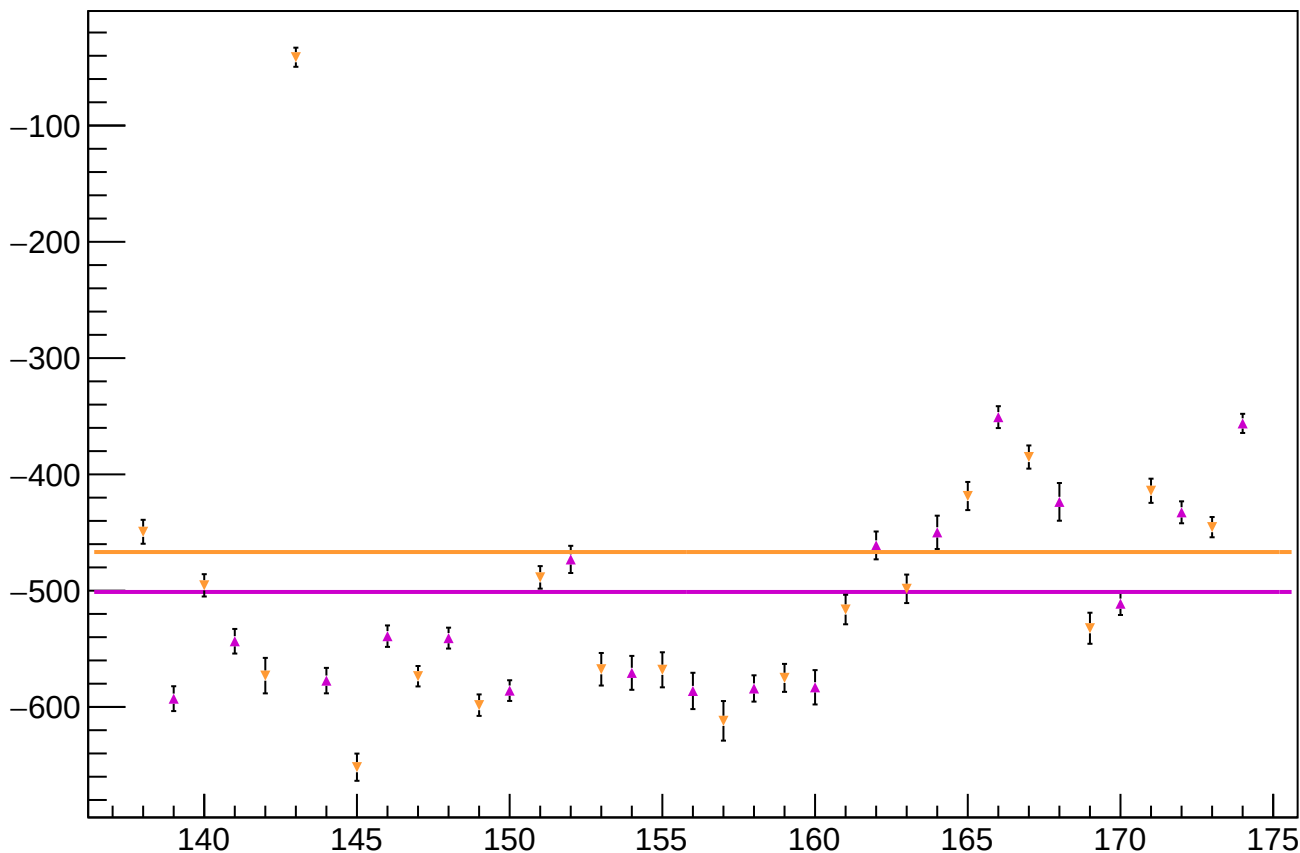
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -19.365 ± 0.022 $\chi^2/\text{NDF}: 743623.8/34$

Out: -19.739 ± 0.023 $\chi^2/\text{NDF}: 770602.6/37$

All: -19.548 ± 0.016 $\chi^2/\text{NDF}: 1514366.6/72$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -466.774 ± 2.503 χ^2/NDF : 3754.3/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -501.111 ± 2.541 χ^2/NDF : 1074.9/17

Left: -483.678 ± 1.783 χ^2/NDF : 4921.9/36

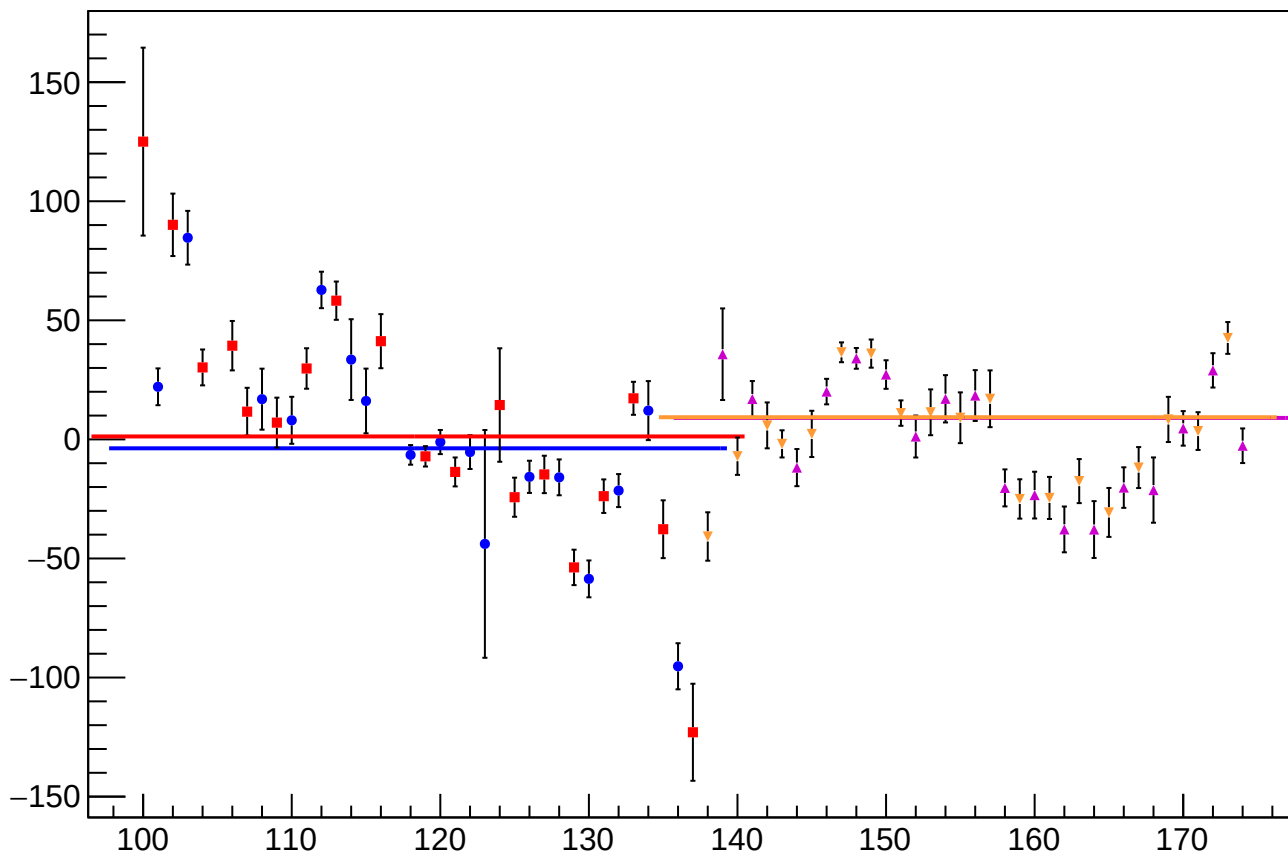
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -501.111 ± 2.541 χ^2/NDF : 1074.9/17

Out: -466.774 ± 2.503 χ^2/NDF : 3754.3/18

All: -483.678 ± 1.783 χ^2/NDF : 4921.9/36

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 9.303 ± 1.721 χ^2/NDF : 184.0/18

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 9.014 ± 1.811 χ^2/NDF : 150.5/17

Left: 9.166 ± 1.247 χ^2/NDF : 334.5/36

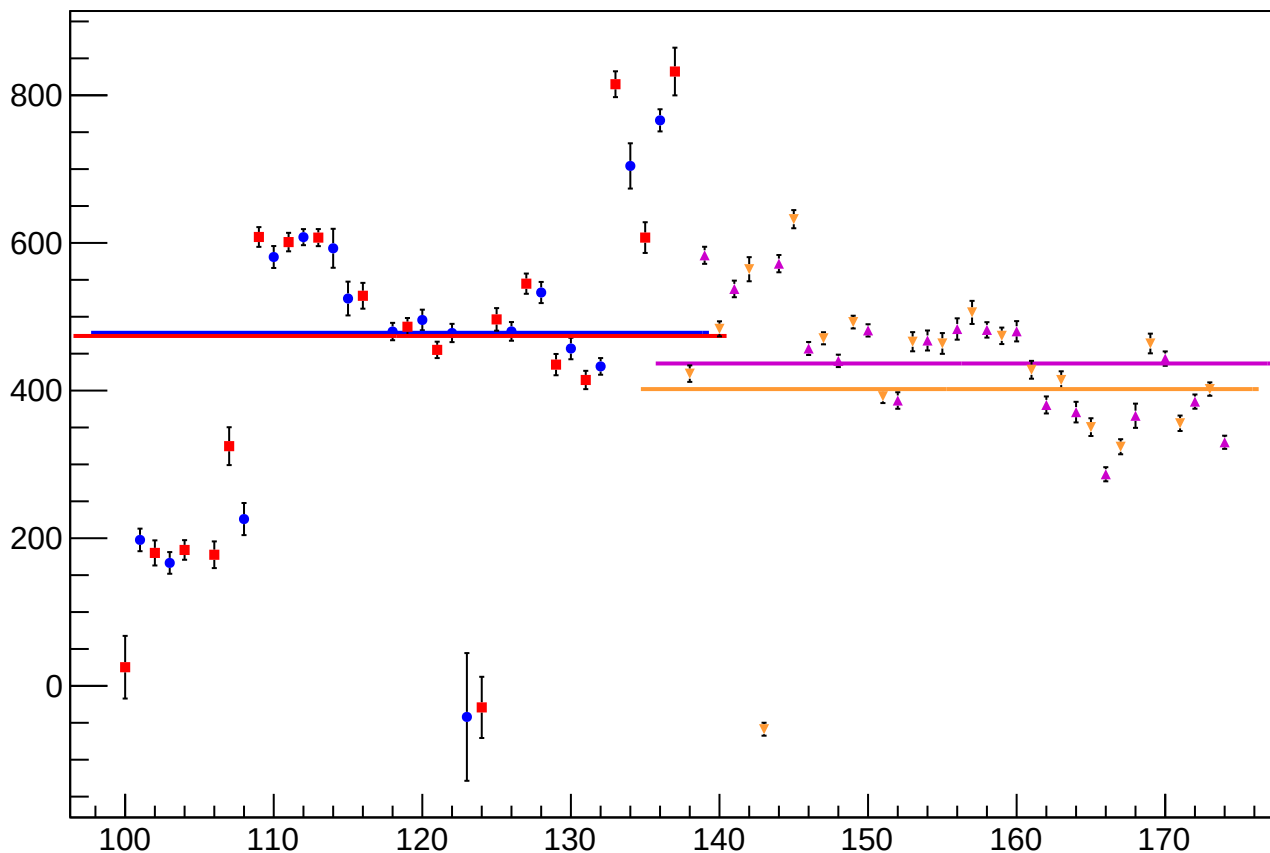
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: 2.915 ± 1.308 χ^2/NDF : 488.4/34

Out: 5.703 ± 1.280 χ^2/NDF : 497.3/37

All: 4.339 ± 0.915 χ^2/NDF : 988.0/72

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265 $\pm$ 3.638 χ^2 /NDF: 1627.9/16

Left Out: 402.019 $\pm$ 2.489 χ^2 /NDF:3708.6/18

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 436.693 $\pm$ 2.517 χ^2 /NDF:955.5/17

Left: 419.159 $\pm$ 1.770 χ^2 /NDF: 4760.1/36

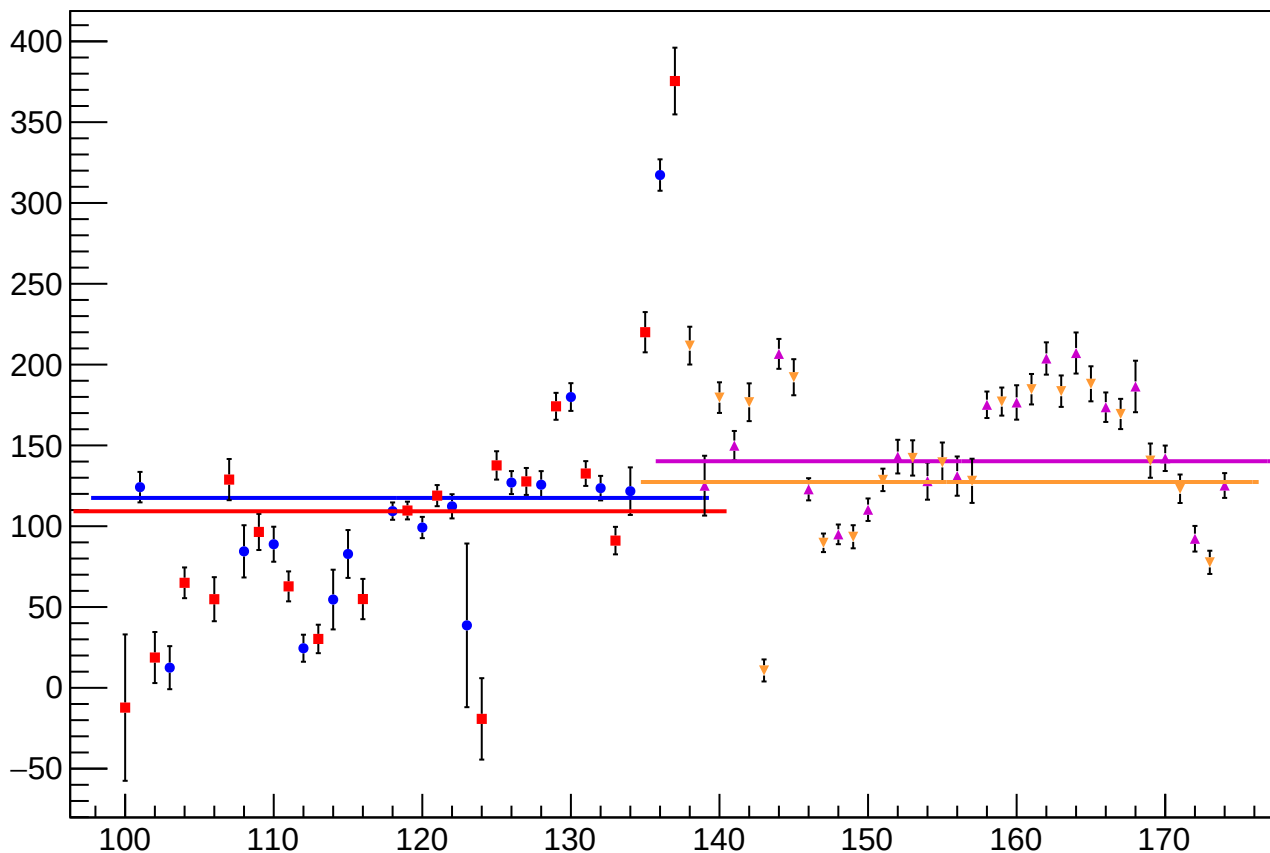
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 450.151 $\pm$ 2.070 χ^2 /NDF:2671.8/34

Out: 425.919 $\pm$ 2.034 χ^2 /NDF:6274.6/37

All: 437.821 $\pm$ 1.451 χ^2 /NDF: 9016.1/72

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2 /NDF: 705.9/16

Left Out: 127.358 $\pm$ 2.031 χ^2 /NDF: 699.5/18

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 140.210 $\pm$ 2.113 χ^2 /NDF: 295.7/17

Left: 133.530 $\pm$ 1.464 χ^2 /NDF: 1014.5/36

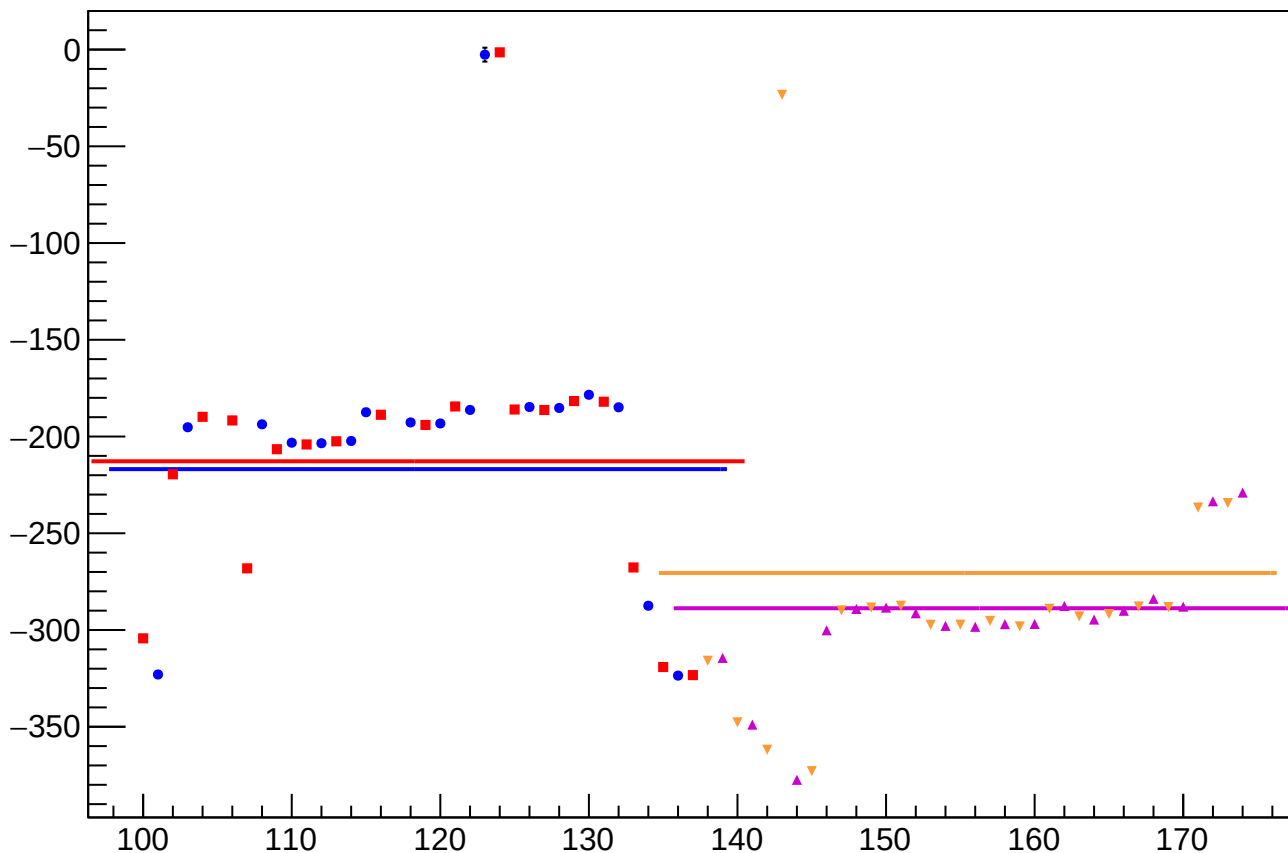
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 129.304 $\pm$ 1.523 χ^2 /NDF: 1057.1/34

Out: 119.050 $\pm$ 1.494 χ^2 /NDF: 1305.4/37

All: 124.078 $\pm$ 1.066 χ^2 /NDF: 2385.6/72

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -270.525 ± 0.098 $\chi^2/\text{NDF}: 645447.5/18$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -288.755 ± 0.099 $\chi^2/\text{NDF}: 113586.1/17$

Left: -279.613 ± 0.070 $\chi^2/\text{NDF}: 776154.7/36$

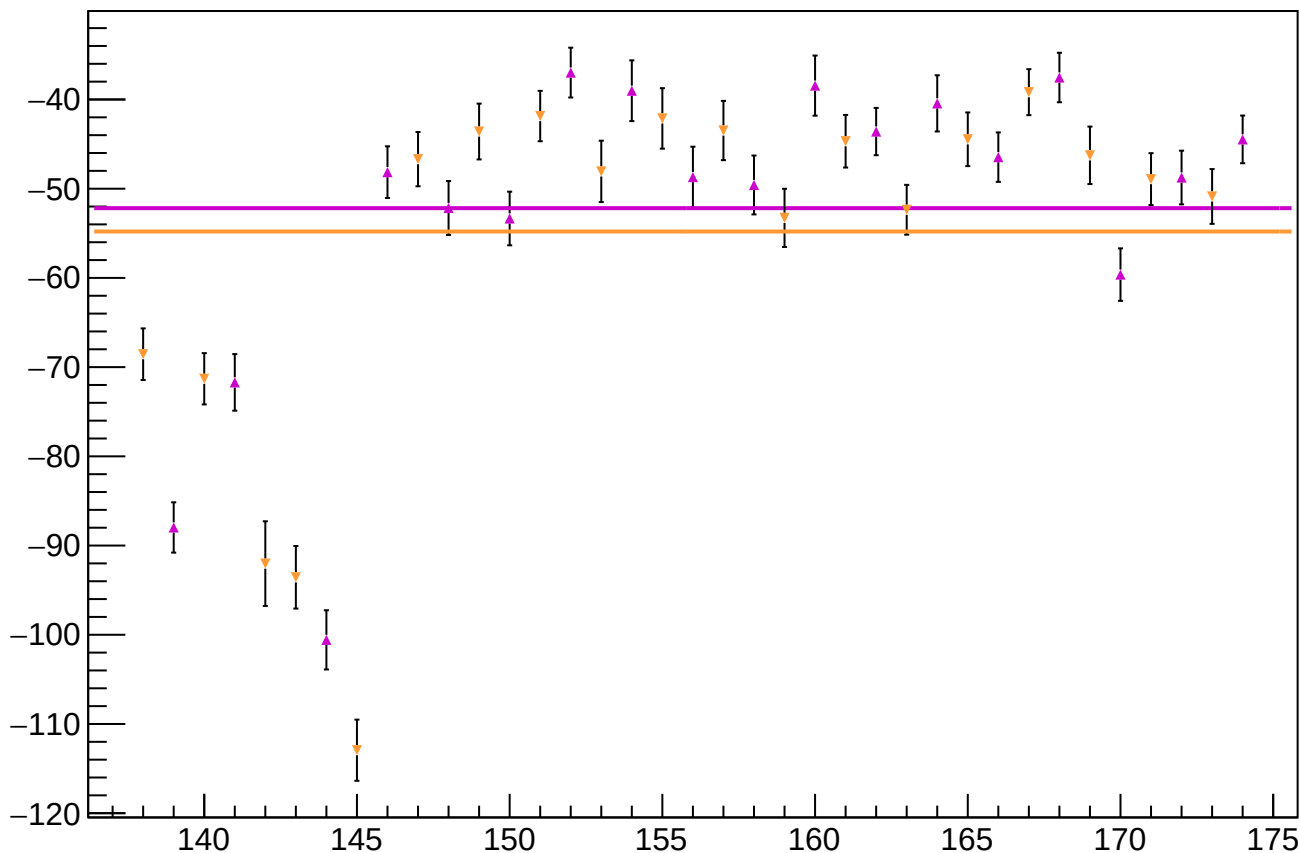
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -263.928 ± 0.080 $\chi^2/\text{NDF}: 443885.1/34$

Out: -249.517 ± 0.078 $\chi^2/\text{NDF}: 887364.4/37$

All: -256.598 ± 0.056 $\chi^2/\text{NDF}: 1347824.3/72$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



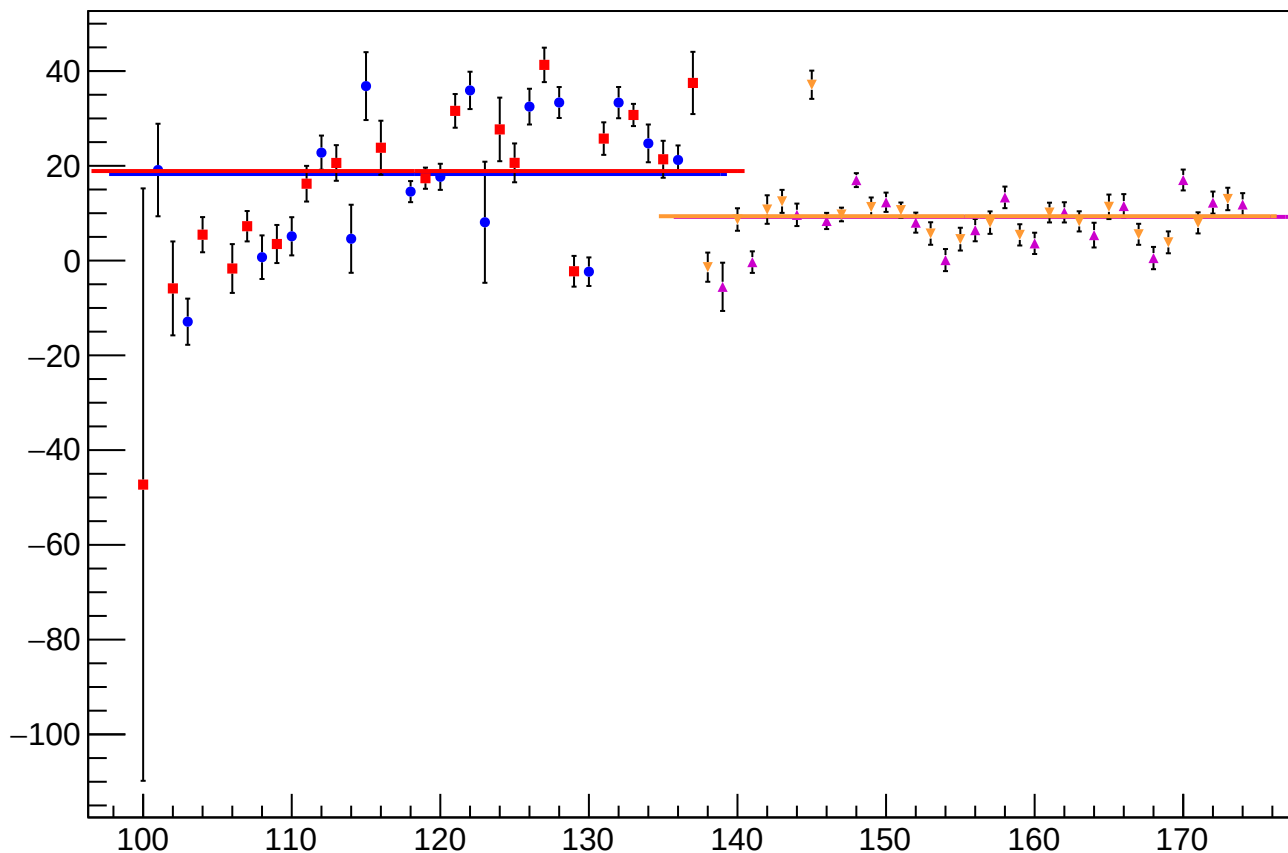
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -54.799+/-0.713 χ^2/NDF : 671.4/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.181+/-0.706 χ^2/NDF : 549.2/17

Left: -53.478+/-0.502 χ^2/NDF : 1227.4/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.181+/-0.706 χ^2/NDF : 549.2/17
 Out: -54.799+/-0.713 χ^2/NDF : 671.4/18

All: -53.478+/-0.502 χ^2/NDF : 1227.4/36

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.362 ± 0.507 χ^2/NDF : 124.6/18

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.223 ± 0.519 χ^2/NDF : 115.2/17

Left: 9.294 ± 0.363 χ^2/NDF : 239.9/36

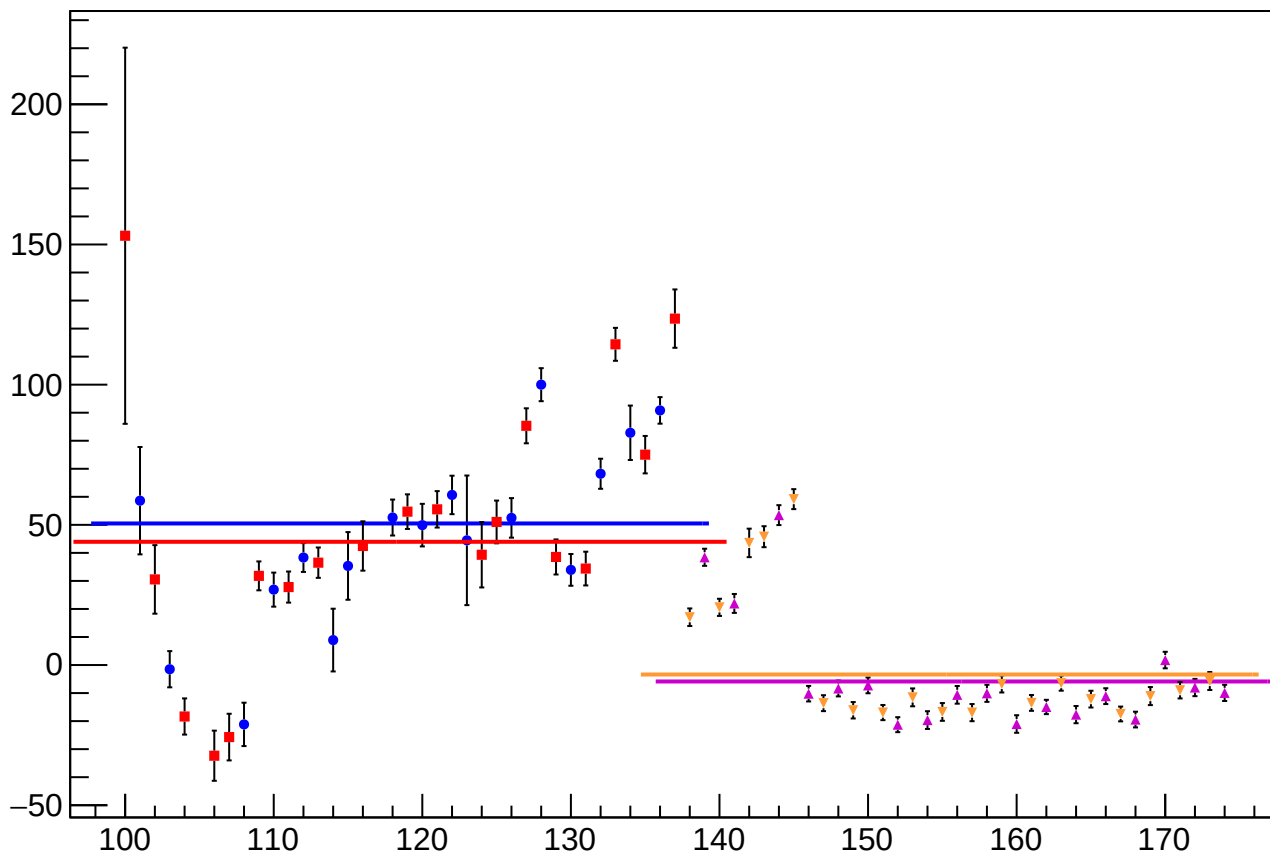
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.457 ± 0.451 χ^2/NDF : 398.5/34

Out: 11.804 ± 0.437 χ^2/NDF : 414.4/37

All: 11.636 ± 0.314 χ^2/NDF : 813.2/72

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: -3.379 $\pm$ 0.704 χ^2 /NDF:834.2/18

Right Out: 43.957 $\pm$ 1.603 χ^2 /NDF: 534.3/18

Left In: -5.865 $\pm$ 0.697 χ^2 /NDF:705.0/17

Left: -4.634 $\pm$ 0.495 χ^2 /NDF: 1545.5/36

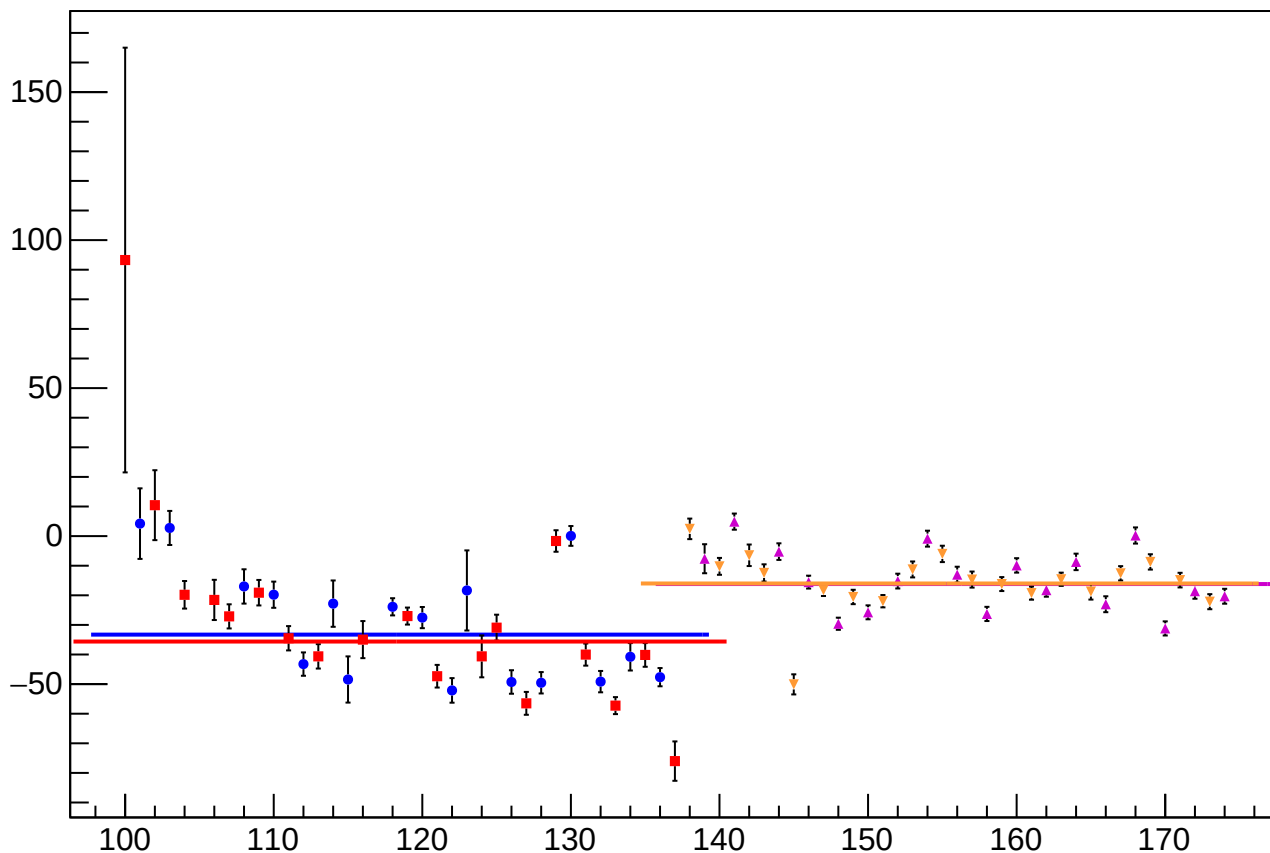
Right: 47.092 $\pm$ 1.157 χ^2 /NDF: 905.5/35

In: 2.492 $\pm$ 0.643 χ^2 /NDF:2037.4/34

Out: 4.267 $\pm$ 0.644 χ^2 /NDF:2099.5/37

All: 3.379 $\pm$ 0.455 χ^2 /NDF: 4140.7/72

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.006 ± 0.588 χ^2/NDF : 190.4/18

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -16.195 ± 0.597 χ^2/NDF : 289.2/17

Left: -16.099 ± 0.419 χ^2/NDF : 479.6/36

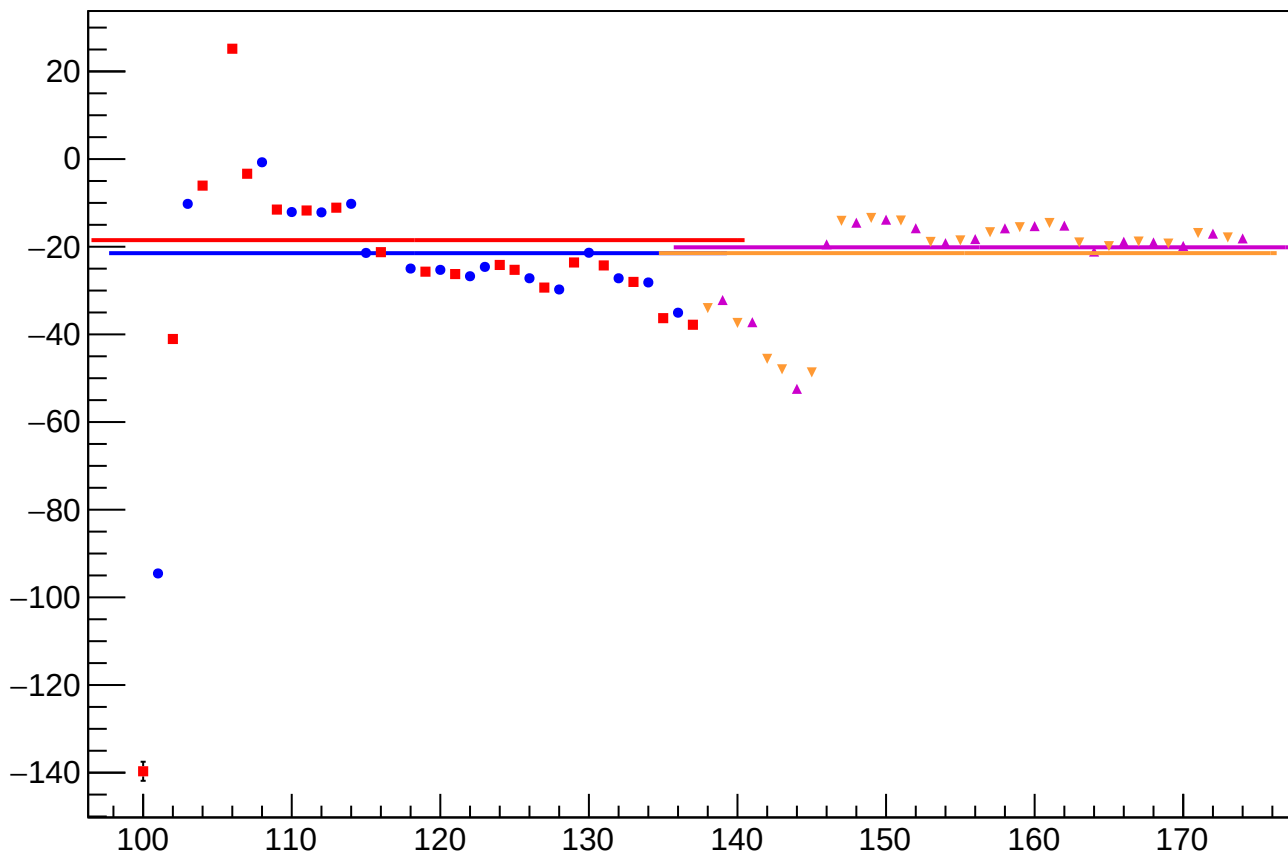
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.465 ± 0.517 χ^2/NDF : 786.6/34

Out: -21.095 ± 0.506 χ^2/NDF : 767.3/37

All: -20.787 ± 0.362 χ^2/NDF : 1554.6/72

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: -21.459 $\pm$ 0.027 χ^2 /NDF:133721.2/18

Right Out: -18.496 $\pm$ 0.057 χ^2 /NDF: 80700.9/18

Left In: -20.129 $\pm$ 0.027 χ^2 /NDF:85797.2/17

Left: -20.787 $\pm$ 0.019 χ^2 /NDF: 220719.7/36

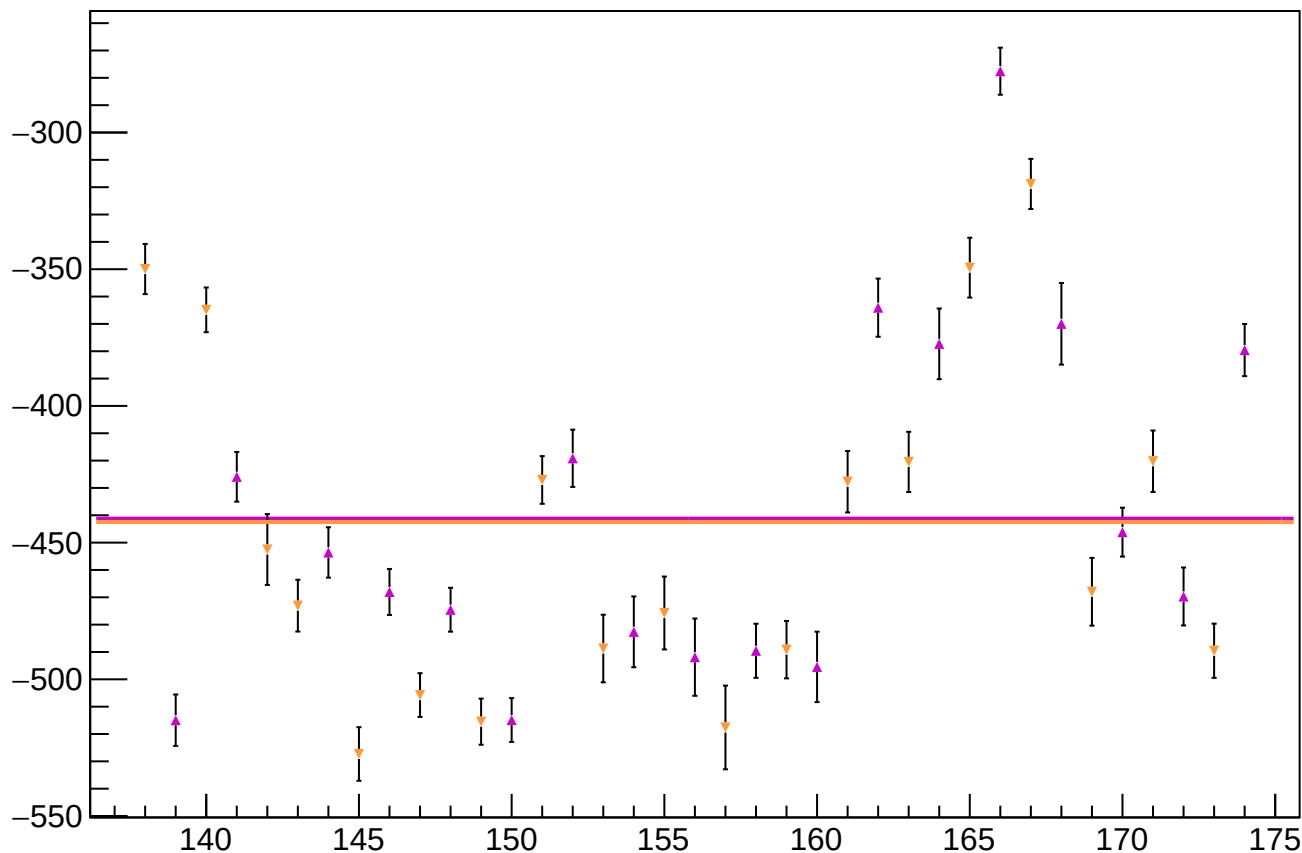
Right: -19.947 $\pm$ 0.041 χ^2 /NDF: 130991.7/35

In: -20.362 $\pm$ 0.025 χ^2 /NDF:135206.4/34

Out: -20.912 $\pm$ 0.025 χ^2 /NDF:216598.6/37

All: -20.636 $\pm$ 0.017 χ^2 /NDF: 352055.2/72

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -442.444+/-2.333 χ^2/NDF :772.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -441.229+/-2.344 χ^2/NDF :757.7/17

Left: -441.840+/-1.654 χ^2/NDF : 1530.8/36

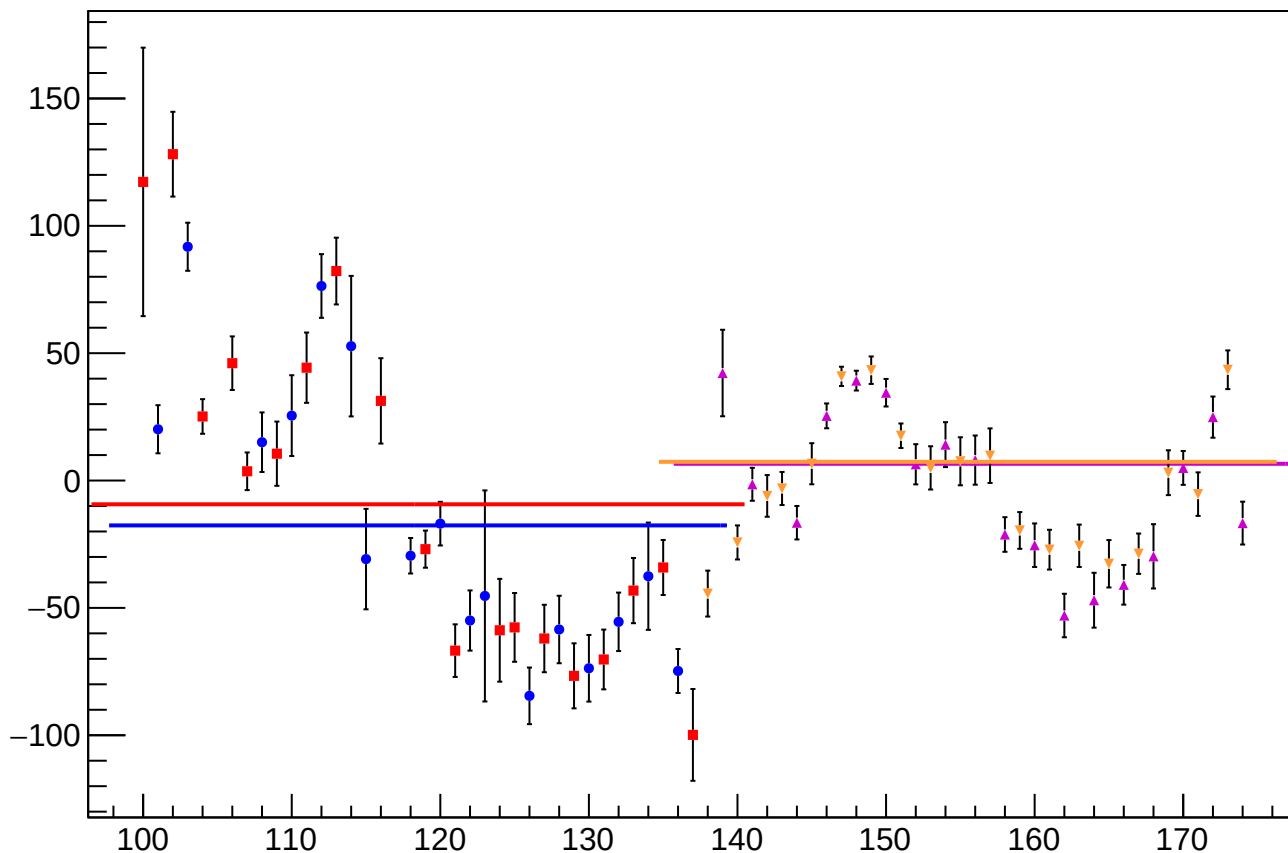
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -441.229+/-2.344 χ^2/NDF :757.7/17

Out: -442.444+/-2.333 χ^2/NDF :772.9/18

All: -441.840+/-1.654 χ^2/NDF : 1530.8/36

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: 7.351 ± 1.599 χ^2/NDF : 301.7/18

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: 6.579 ± 1.655 χ^2/NDF : 293.7/17

Left: 6.978 ± 1.150 χ^2/NDF : 595.5/36

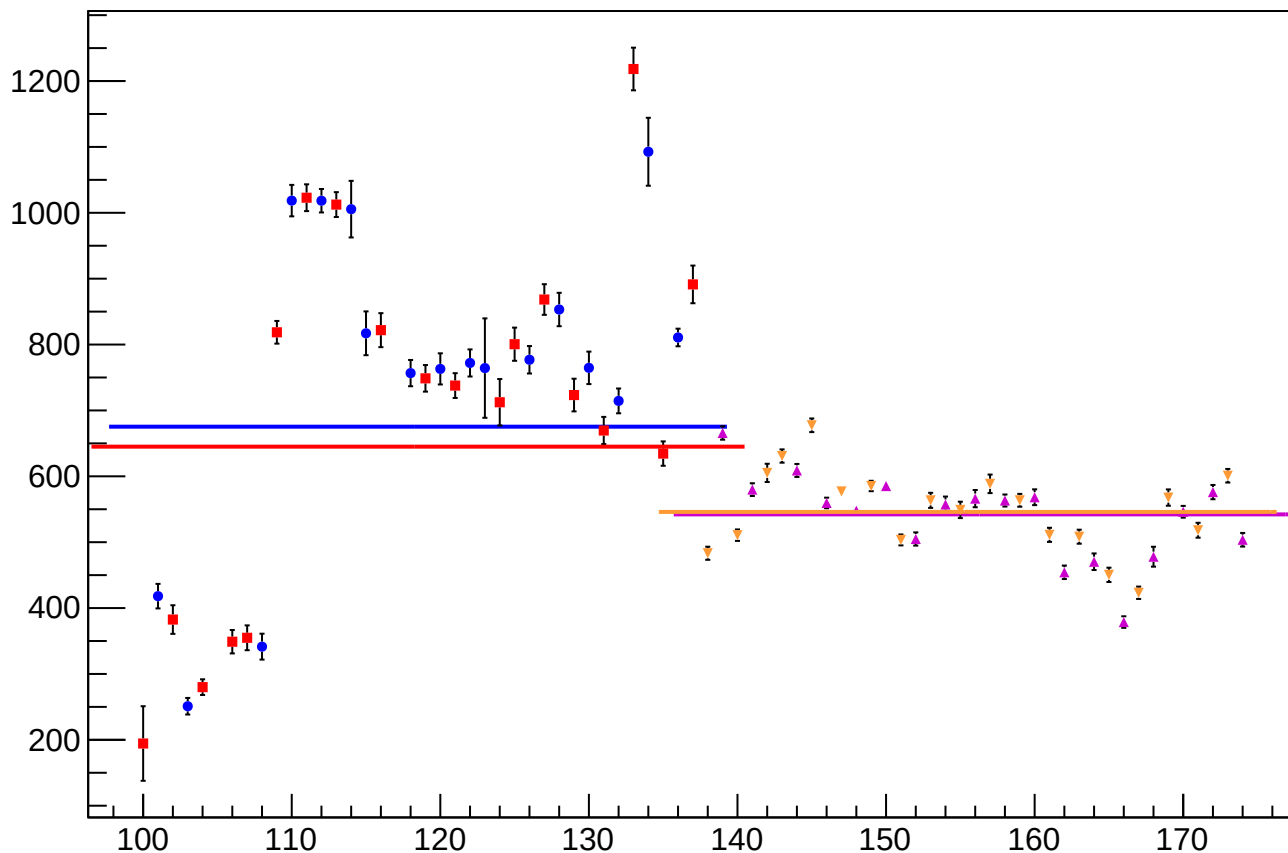
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: 0.268 ± 1.423 χ^2/NDF : 711.5/34

Out: 2.798 ± 1.363 χ^2/NDF : 697.9/37

All: 1.587 ± 0.984 χ^2/NDF : 1411.0/72

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: 545.966 $\pm$ 2.313 χ^2 /NDF:698.2/18

Right Out: 645.022 $\pm$ 4.758 χ^2 /NDF: 3122.8/18

Left In: 542.183 $\pm$ 2.314 χ^2 /NDF:770.9/17

Left: 544.075 $\pm$ 1.636 χ^2 /NDF: 1470.5/36

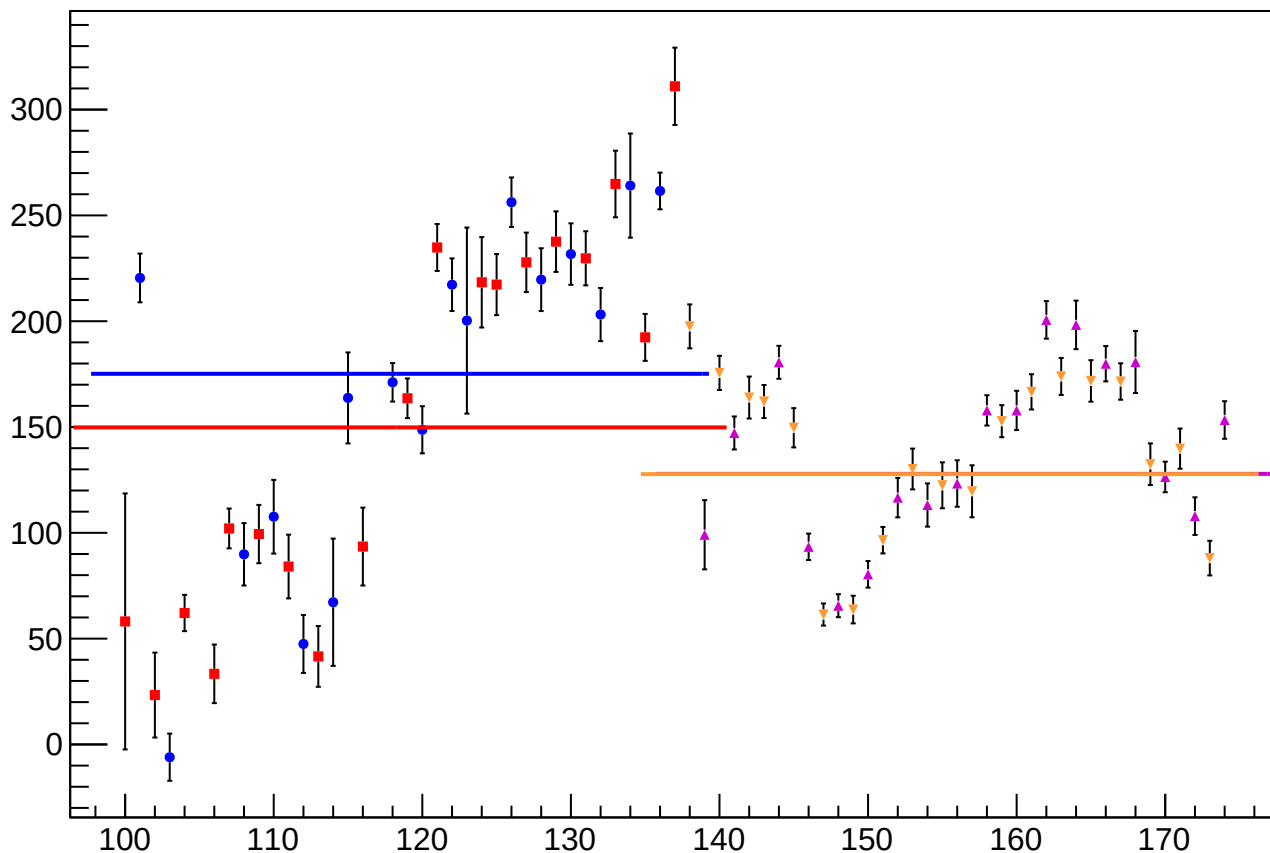
Right: 659.291 $\pm$ 3.462 χ^2 /NDF: 5724.6/35

In: 565.315 $\pm$ 2.103 χ^2 /NDF:3929.1/34

Out: 564.899 $\pm$ 2.080 χ^2 /NDF:4171.6/37

All: 565.105 $\pm$ 1.479 χ^2 /NDF: 8100.7/72

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 127.737 ± 1.892 $\chi^2/\text{NDF}: 533.4/18$

Right Out: 149.822 ± 3.041 $\chi^2/\text{NDF}: 688.5/18$

Left In: 127.854 ± 1.940 $\chi^2/\text{NDF}: 475.9/17$

Left: 127.794 ± 1.354 $\chi^2/\text{NDF}: 1009.3/36$

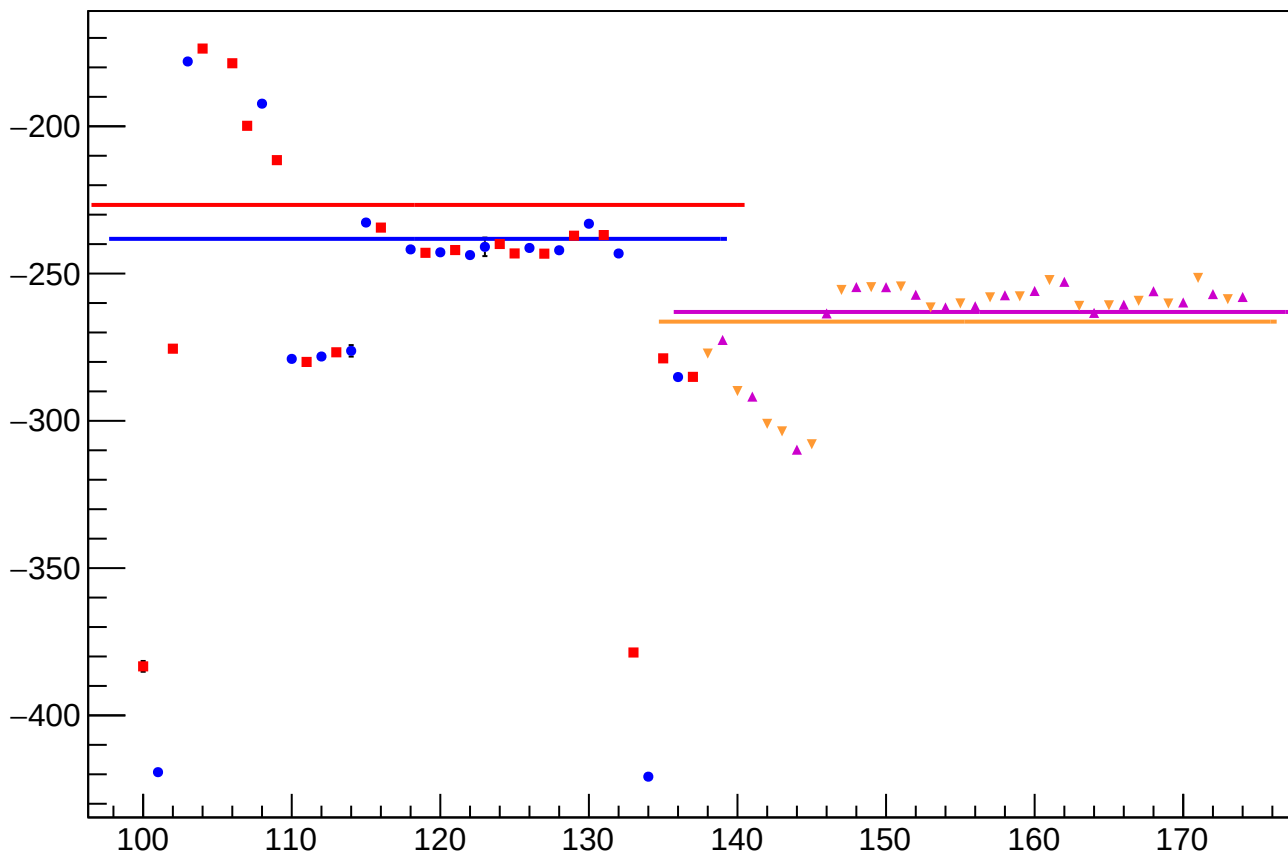
Right: 161.803 ± 2.208 $\chi^2/\text{NDF}: 1356.9/35$

In: 140.507 ± 1.660 $\chi^2/\text{NDF}: 1270.6/34$

Out: 133.897 ± 1.606 $\chi^2/\text{NDF}: 1259.9/37$

All: 137.094 ± 1.154 $\chi^2/\text{NDF}: 2538.6/72$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -266.319+/-0.092 χ^2/NDF : 35555.7/18

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -263.035+/-0.091 χ^2/NDF : 21419.1/17

Left: -264.664+/-0.065 χ^2/NDF : 57619.3/36

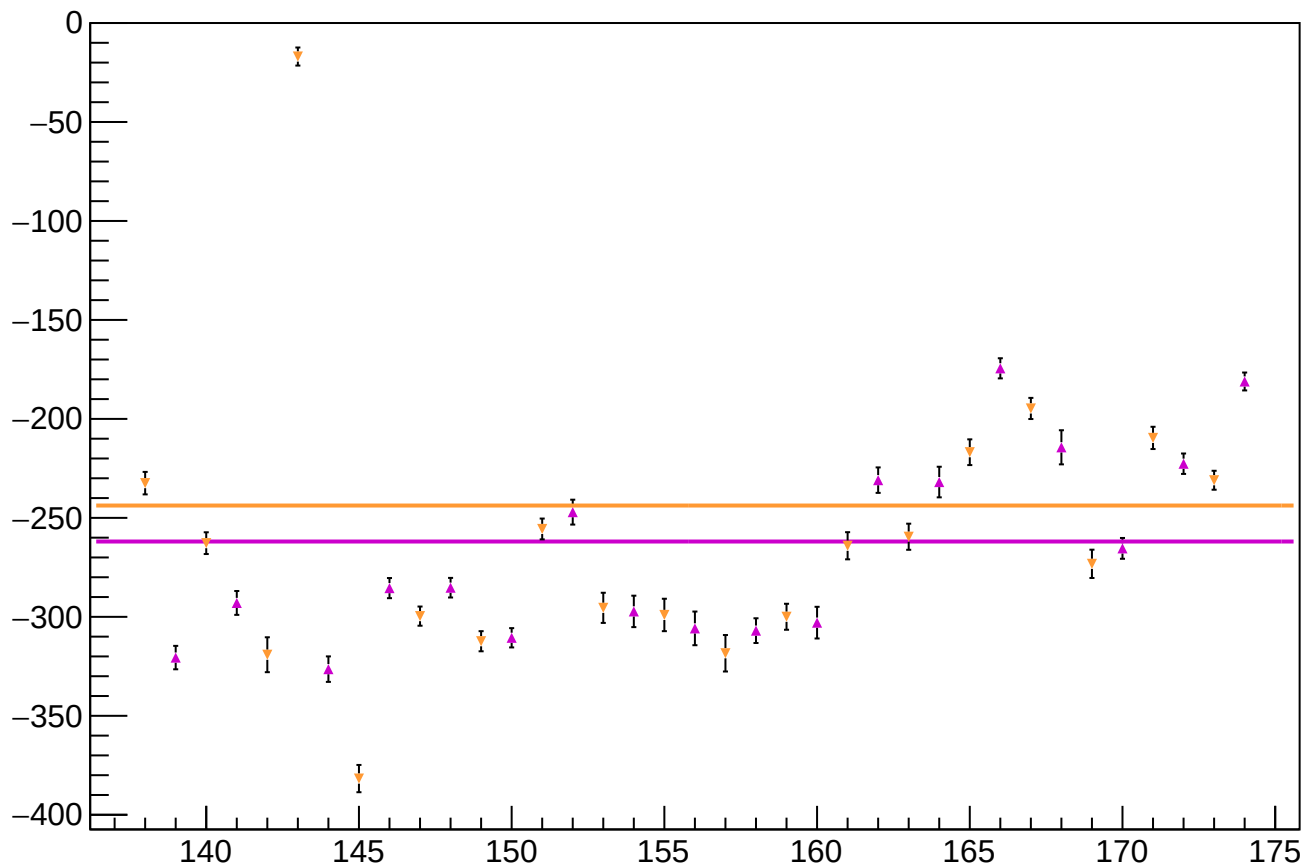
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.957+/-0.079 χ^2/NDF : 206671.1/34

Out: -255.625+/-0.078 χ^2/NDF : 188606.9/37

All: -256.285+/-0.056 χ^2/NDF : 395420.7/72

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -243.765 $\pm$ 1.375 χ^2/NDF :3688.8/18

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -261.945 $\pm$ 1.395 χ^2/NDF :1240.9/17

Left: -252.723 $\pm$ 0.980 χ^2/NDF : 5015.8/36

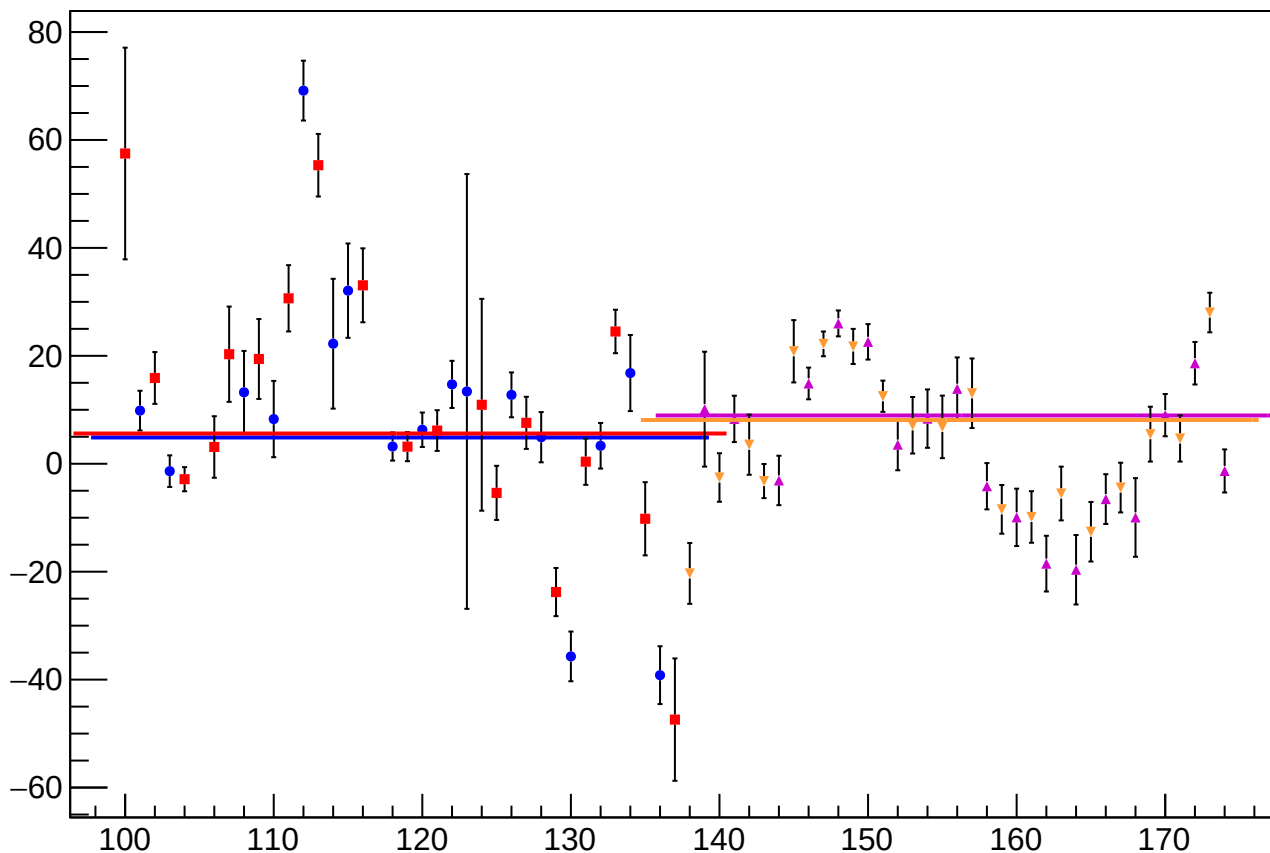
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -261.945 $\pm$ 1.395 χ^2/NDF :1240.9/17

Out: -243.765 $\pm$ 1.375 χ^2/NDF :3688.8/18

All: -252.723 $\pm$ 0.980 χ^2/NDF : 5015.8/36

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: 8.101 ± 0.946 χ^2/NDF : 194.5/18

Right Out: 5.605 ± 1.069 χ^2/NDF : 238.6/18

Left In: 8.947 ± 0.995 χ^2/NDF : 181.4/17

Left: 8.503 ± 0.685 χ^2/NDF : 376.3/36

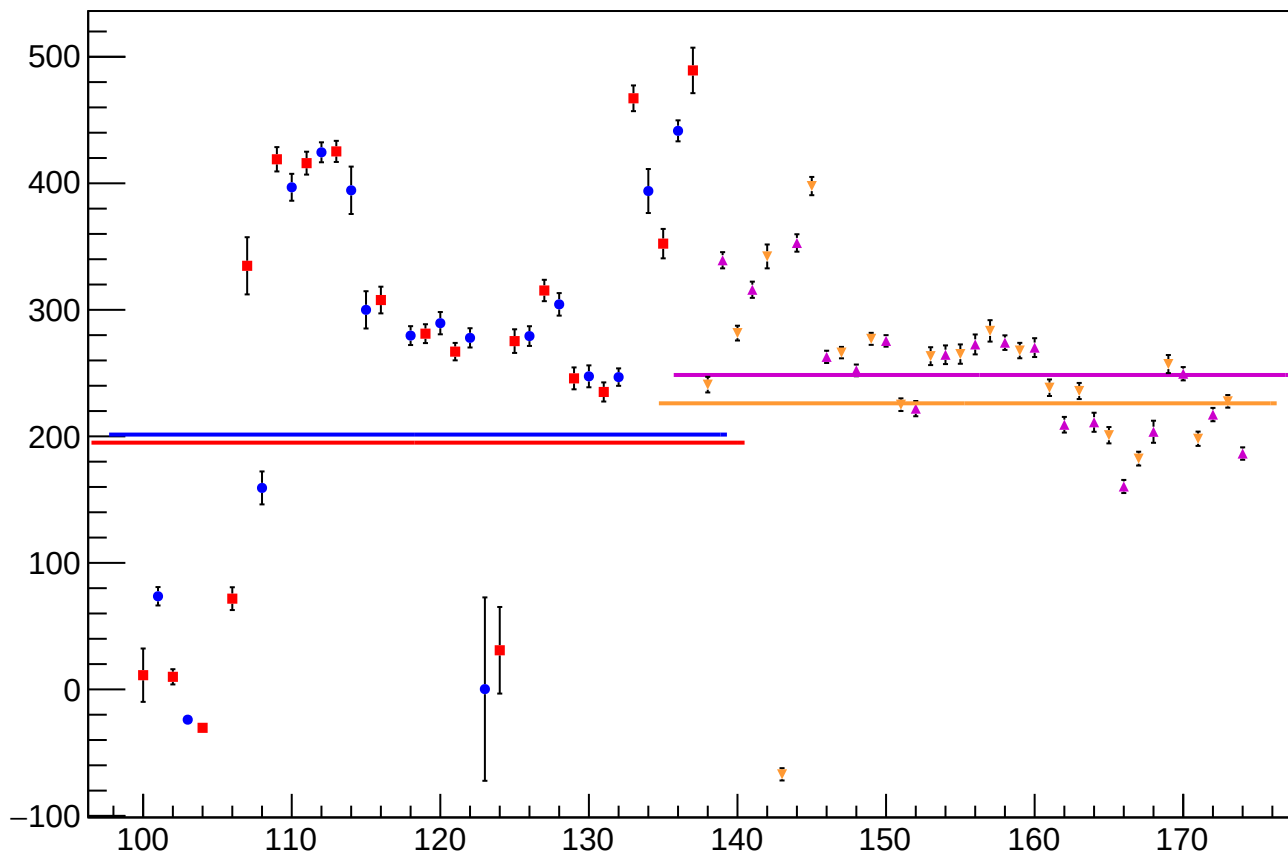
Right: 5.245 ± 0.764 χ^2/NDF : 550.3/35

In: 7.096 ± 0.735 χ^2/NDF : 500.6/34

Out: 7.005 ± 0.709 χ^2/NDF : 436.1/37

All: 7.049 ± 0.510 χ^2/NDF : 936.8/72

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 226.115 $\pm$ 1.366 χ^2 /NDF: 4910.5/18

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 248.515 $\pm$ 1.381 χ^2 /NDF: 1222.1/17

Left: 237.194 $\pm$ 0.971 χ^2 /NDF: 6265.6/36

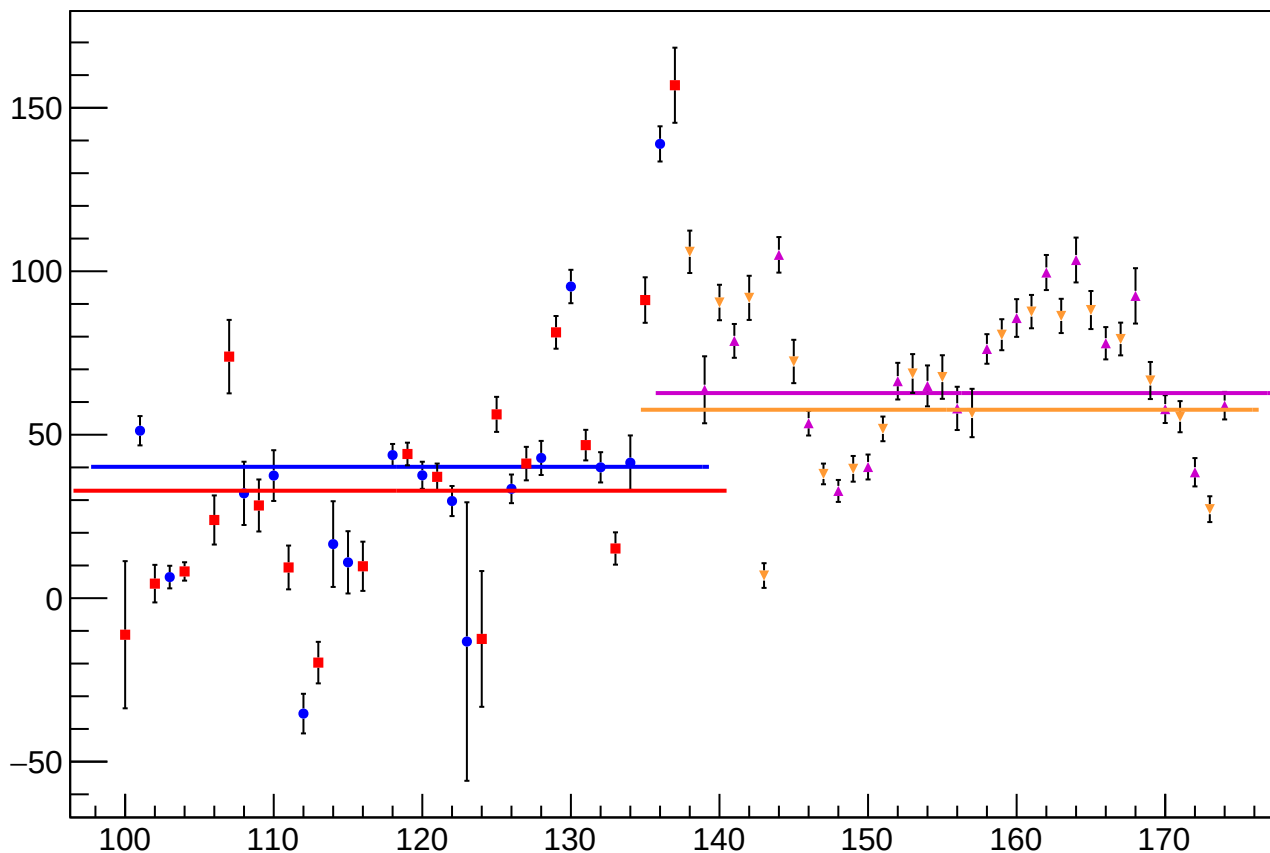
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 233.034 $\pm$ 1.131 χ^2 /NDF: 8345.0/34

Out: 215.690 $\pm$ 1.114 χ^2 /NDF: 13338.9/37

All: 224.225 $\pm$ 0.794 χ^2 /NDF: 21803.3/72

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: 57.639+/-1.115 χ^2/NDF :566.8/18

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 62.739+/-1.160 χ^2/NDF :354.0/17

Left: 60.089+/-0.804 χ^2/NDF : 930.9/36

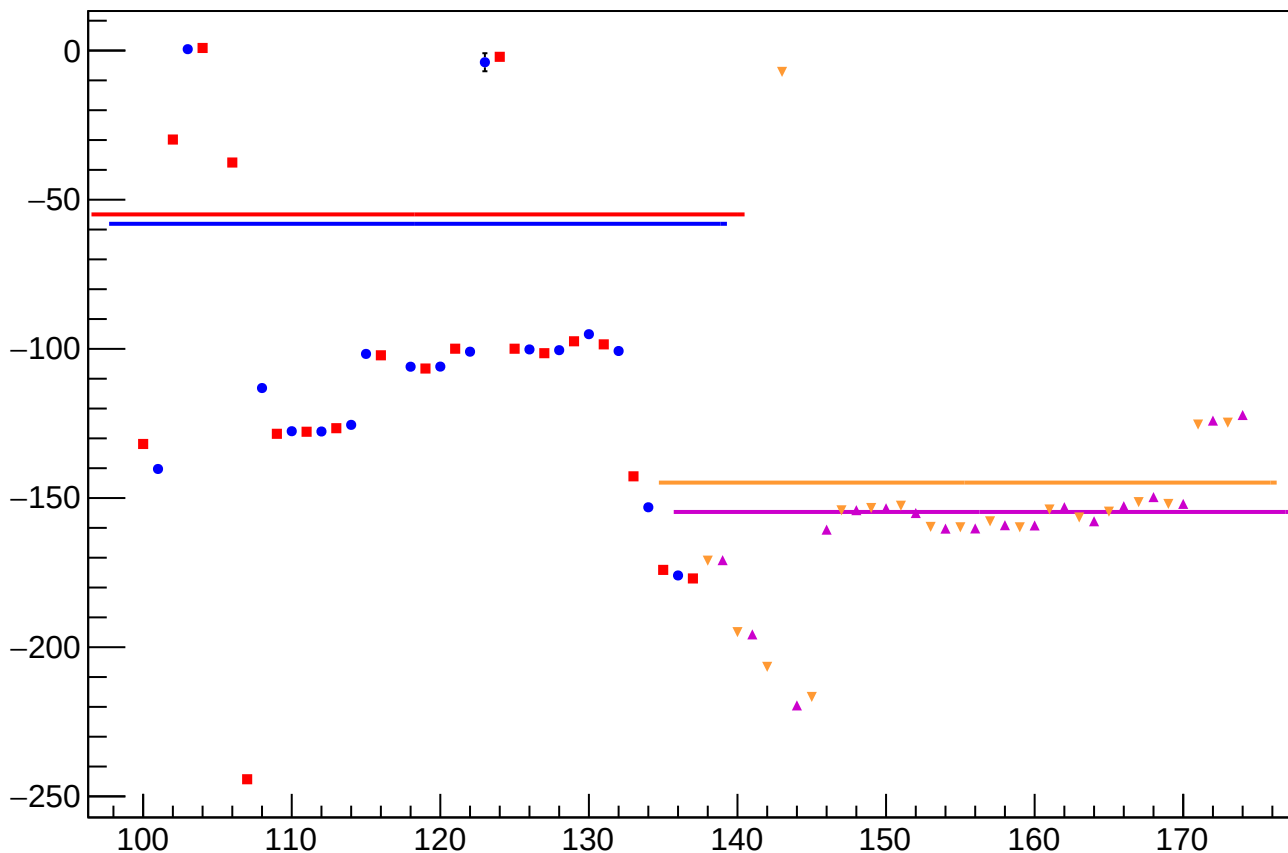
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 52.482+/-0.856 χ^2/NDF :1260.1/34

Out: 46.673+/-0.832 χ^2/NDF :1336.2/37

All: 49.495+/-0.597 χ^2/NDF : 2620.0/72

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -144.824 ± 0.054 $\chi^2/\text{NDF}: 683143.3/18$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -154.664 ± 0.054 $\chi^2/\text{NDF}: 139102.7/17$

Left: -149.731 ± 0.038 $\chi^2/\text{NDF}: 838851.8/36$

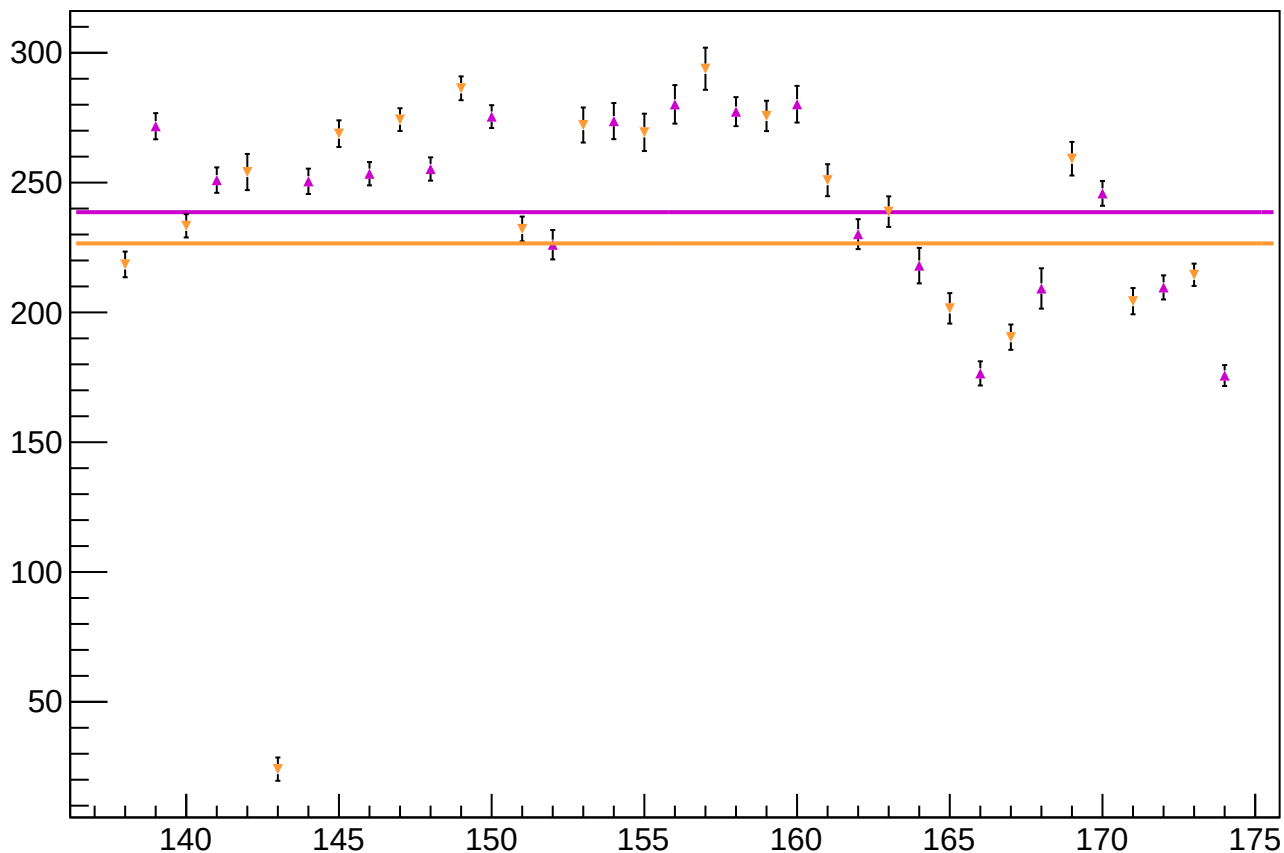
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -112.649 ± 0.041 $\chi^2/\text{NDF}: 2631710.5/34$

Out: -104.806 ± 0.040 $\chi^2/\text{NDF}: 2924176.0/37$

All: -108.681 ± 0.029 $\chi^2/\text{NDF}: 5574728.4/72$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 226.573+/-1.220 χ^2/NDF :2776.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 238.605+/-1.229 χ^2/NDF :782.8/17

Left: 232.545+/-0.866 χ^2/NDF : 3607.9/36

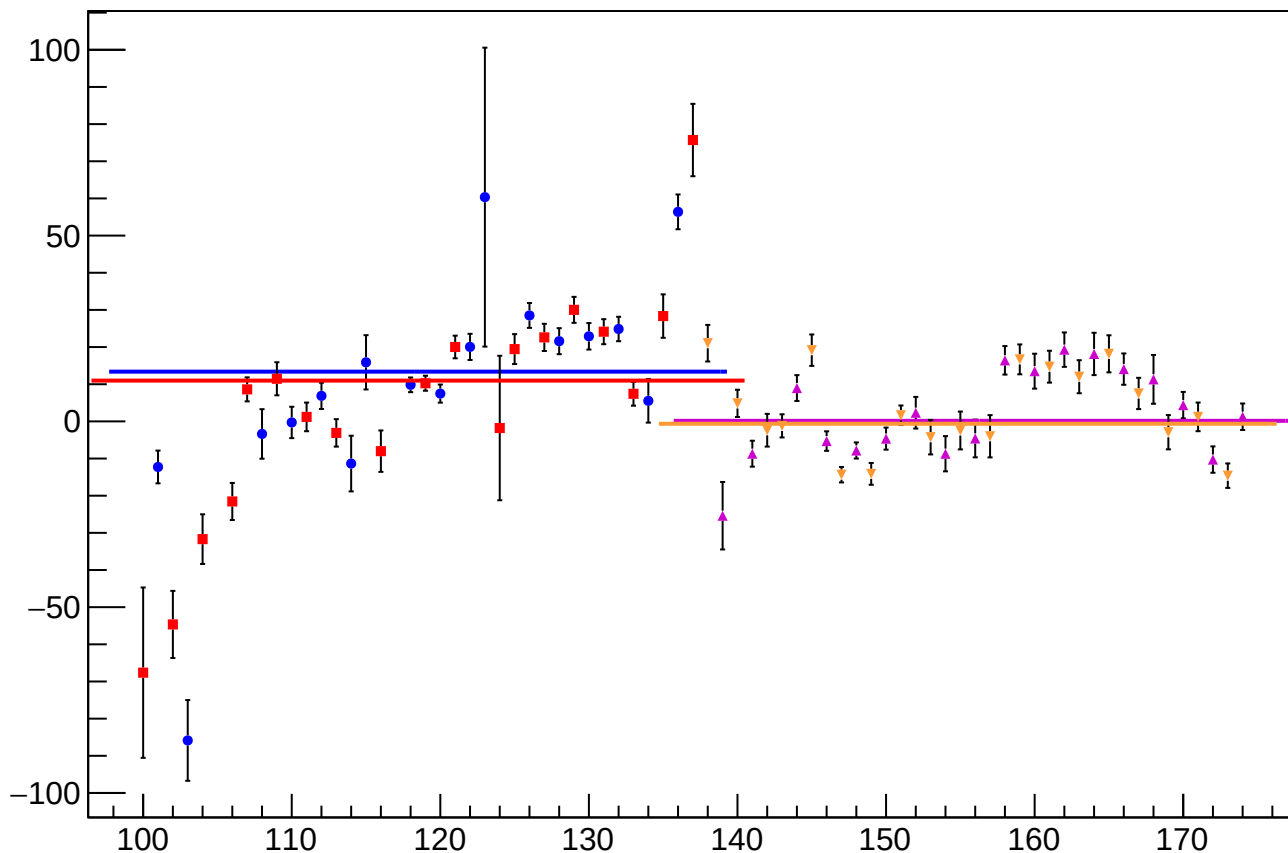
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 238.605+/-1.229 χ^2/NDF :782.8/17

Out: 226.573+/-1.220 χ^2/NDF :2776.9/18

All: 232.545+/-0.866 χ^2/NDF : 3607.9/36

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.642 ± 0.844 $\chi^2/\text{NDF}: 186.2/18$

Right Out: 10.975 ± 0.915 $\chi^2/\text{NDF}: 304.0/18$

Left In: 0.149 ± 0.879 $\chi^2/\text{NDF}: 122.9/17$

Left: -0.262 ± 0.609 $\chi^2/\text{NDF}: 309.5/36$

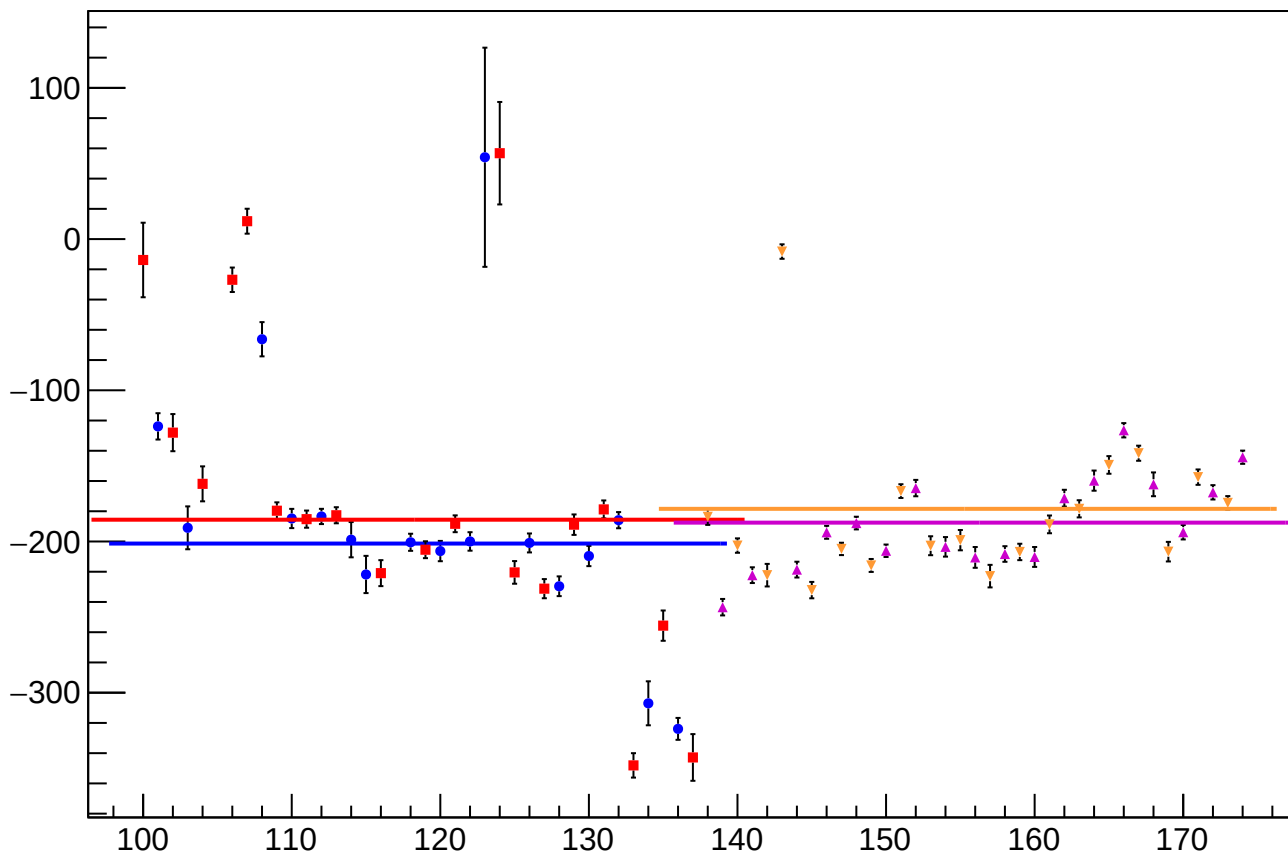
Right: 12.172 ± 0.649 $\chi^2/\text{NDF}: 601.5/35$

In: 6.460 ± 0.636 $\chi^2/\text{NDF}: 525.0/34$

Out: 4.700 ± 0.620 $\chi^2/\text{NDF}: 577.4/37$

All: 5.557 ± 0.444 $\chi^2/\text{NDF}: 1106.3/72$

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 $\chi^2/\text{NDF}: 625.0/16$

Left Out: -178.406 ± 1.214 $\chi^2/\text{NDF}: 1753.0/18$

Right Out: -185.589 ± 1.699 $\chi^2/\text{NDF}: 1748.2/18$

Left In: -187.535 ± 1.219 $\chi^2/\text{NDF}: 590.9/17$

Left: -182.952 ± 0.860 $\chi^2/\text{NDF}: 2372.1/36$

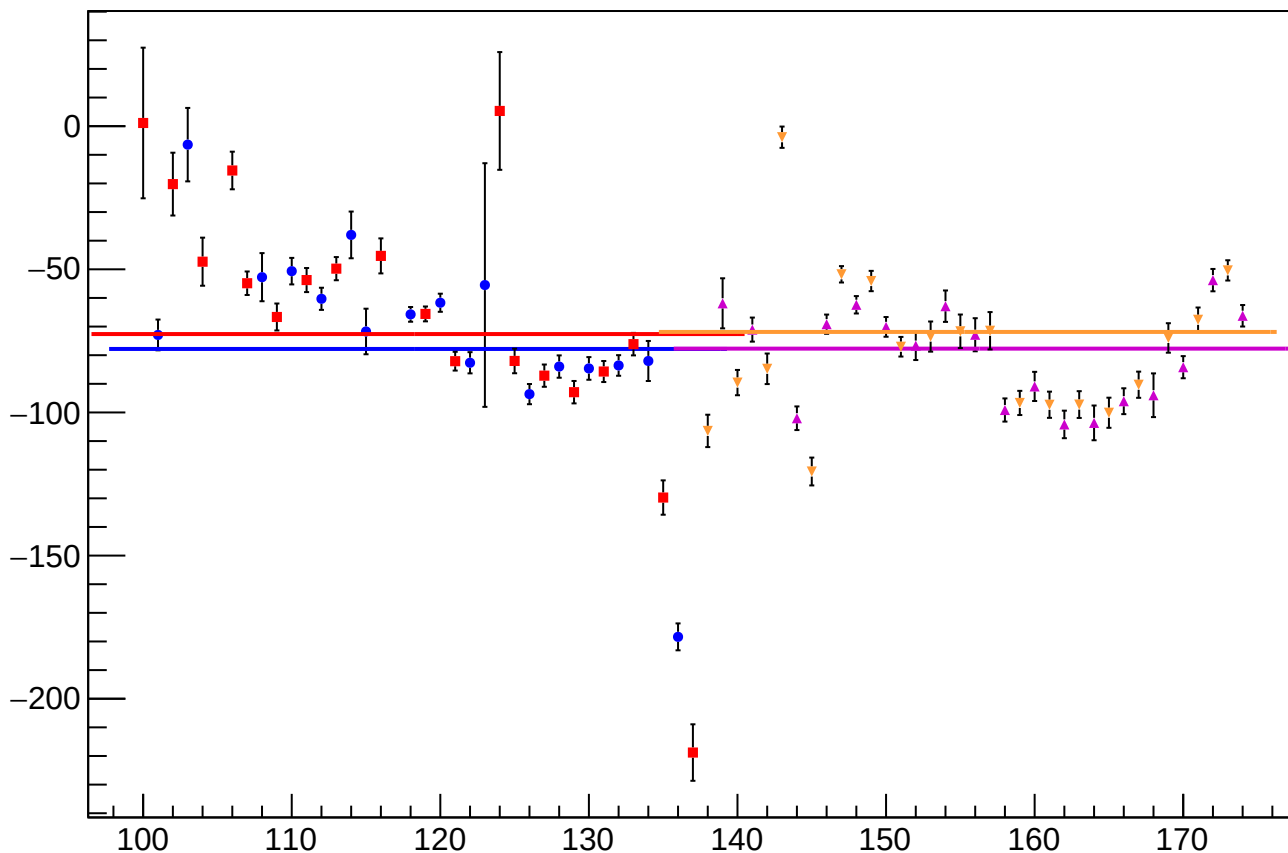
Right: -193.097 ± 1.230 $\chi^2/\text{NDF}: 2414.3/35$

In: -191.938 ± 1.006 $\chi^2/\text{NDF}: 1256.9/34$

Out: -180.833 ± 0.988 $\chi^2/\text{NDF}: 3513.1/37$

All: -186.282 ± 0.705 $\chi^2/\text{NDF}: 4832.0/72$

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: -71.872 ± 0.994 χ^2/NDF : 748.9/18

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.708 ± 1.025 χ^2/NDF : 239.5/17

Left: -74.700 ± 0.713 χ^2/NDF : 1005.1/36

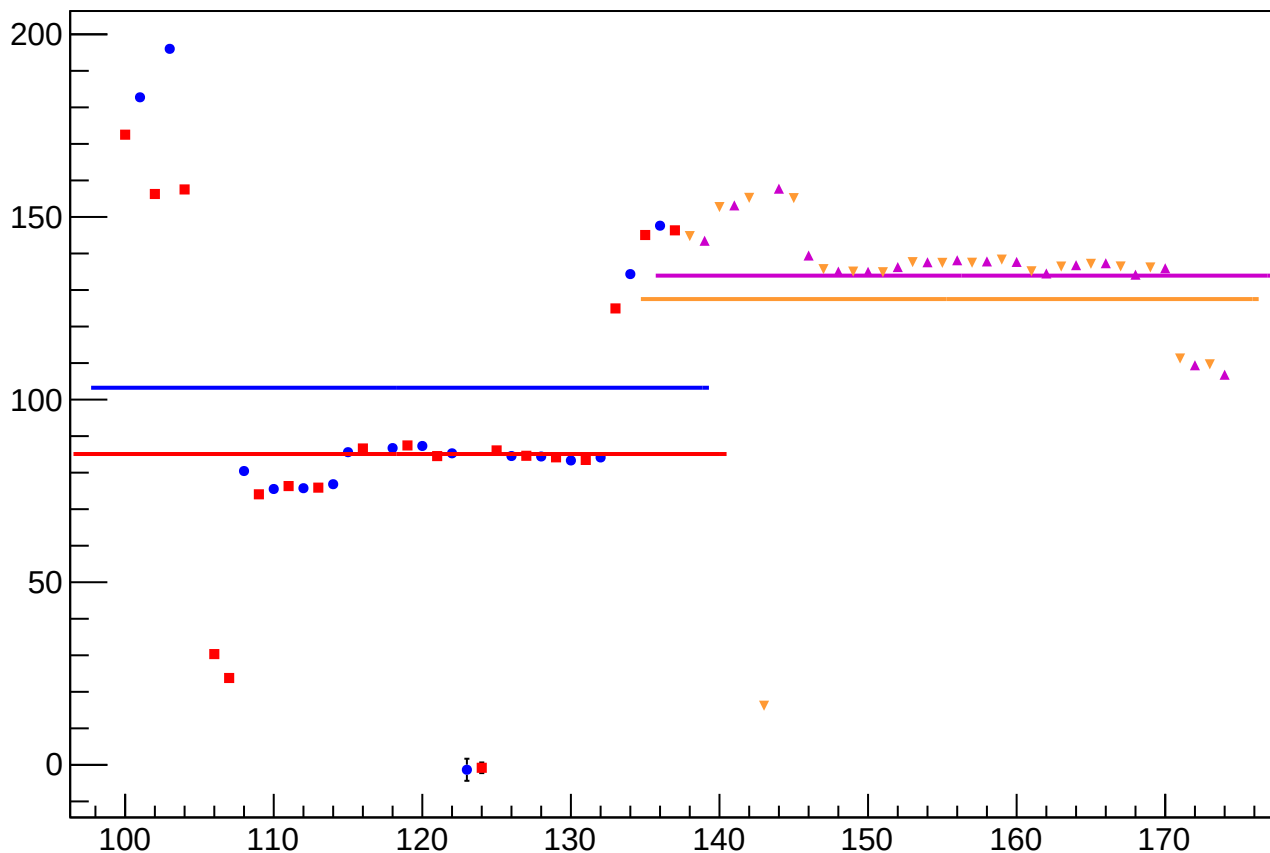
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.761 ± 0.739 χ^2/NDF : 895.8/34

Out: -72.223 ± 0.723 χ^2/NDF : 1356.0/37

All: -74.928 ± 0.517 χ^2/NDF : 2280.5/72

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 127.521 $\pm$ 0.048 χ^2 /NDF: 423045.4/18

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 133.937 $\pm$ 0.048 χ^2 /NDF: 74580.0/17

Left: 130.739 $\pm$ 0.034 χ^2 /NDF: 506622.6/36

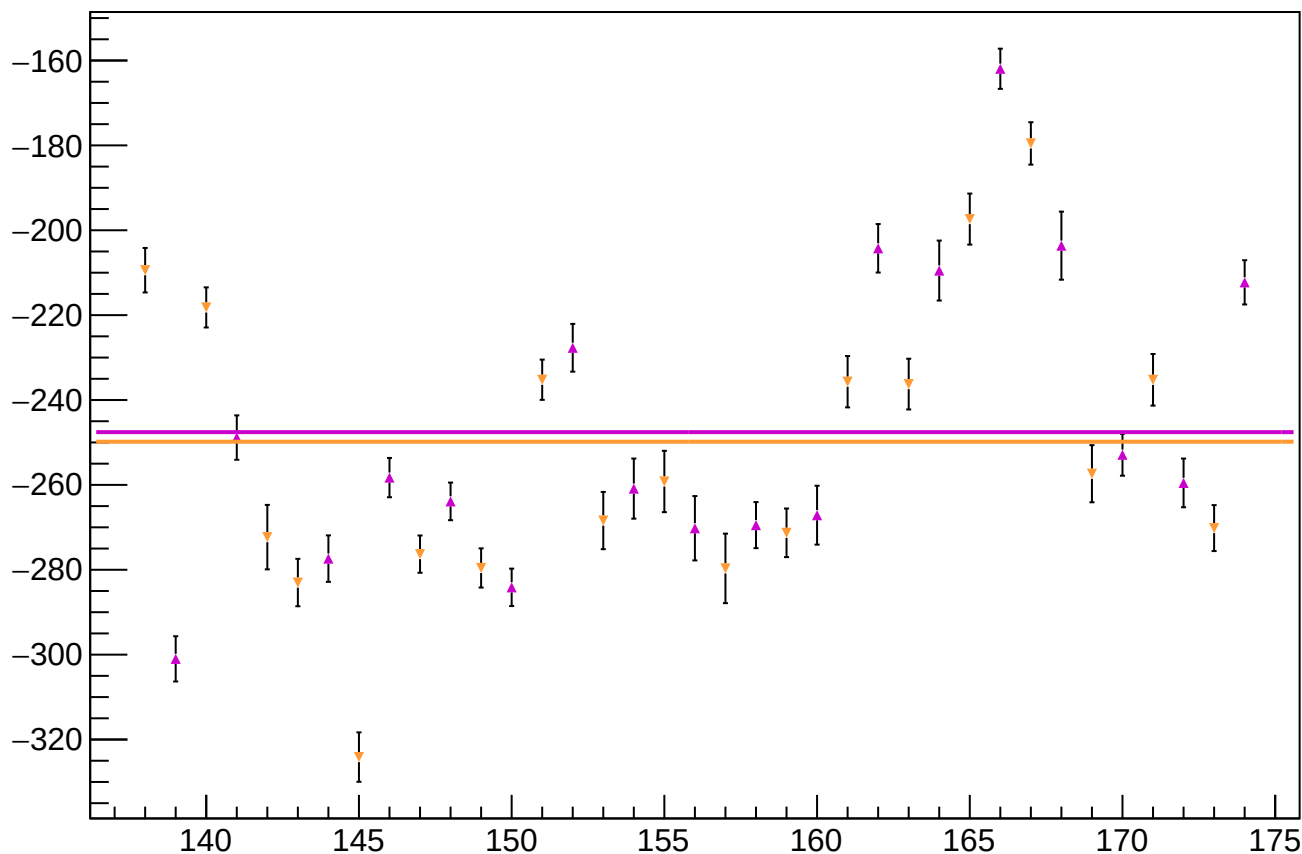
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 124.277 $\pm$ 0.040 χ^2 /NDF: 477974.5/34

Out: 112.204 $\pm$ 0.038 χ^2 /NDF: 1129763.2/37

All: 118.047 $\pm$ 0.028 χ^2 /NDF: 1655870.3/72

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -249.822+/-1.295 χ^2/NDF :741.0/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -247.571+/-1.295 χ^2/NDF :761.8/17

Left: -248.696+/-0.916 χ^2/NDF : 1504.3/36

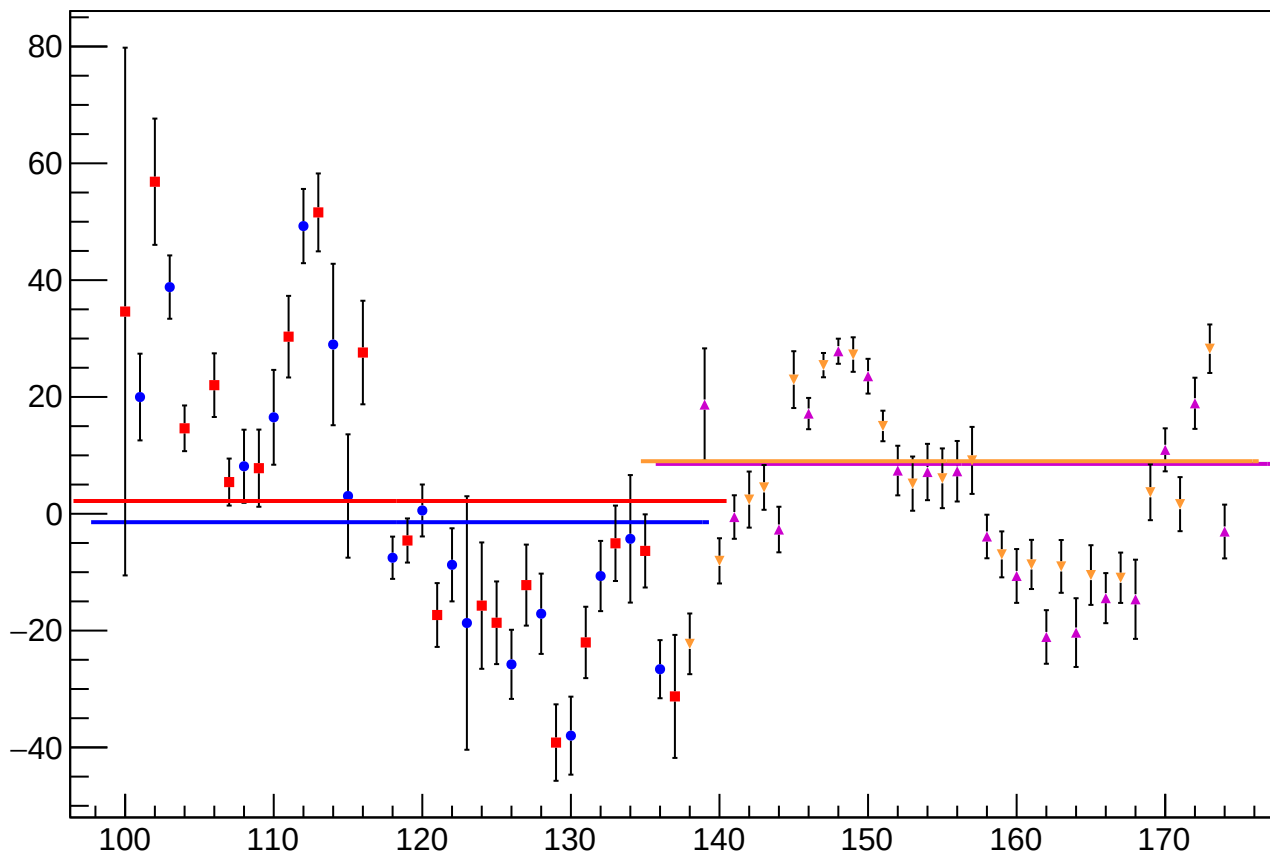
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -247.571+/-1.295 χ^2/NDF :761.8/17

Out: -249.822+/-1.295 χ^2/NDF :741.0/18

All: -248.696+/-0.916 χ^2/NDF : 1504.3/36

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 8.998 ± 0.886 $\chi^2/\text{NDF}: 285.3/18$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 8.538 ± 0.914 $\chi^2/\text{NDF}: 278.9/17$

Left: 8.776 ± 0.636 $\chi^2/\text{NDF}: 564.4/36$

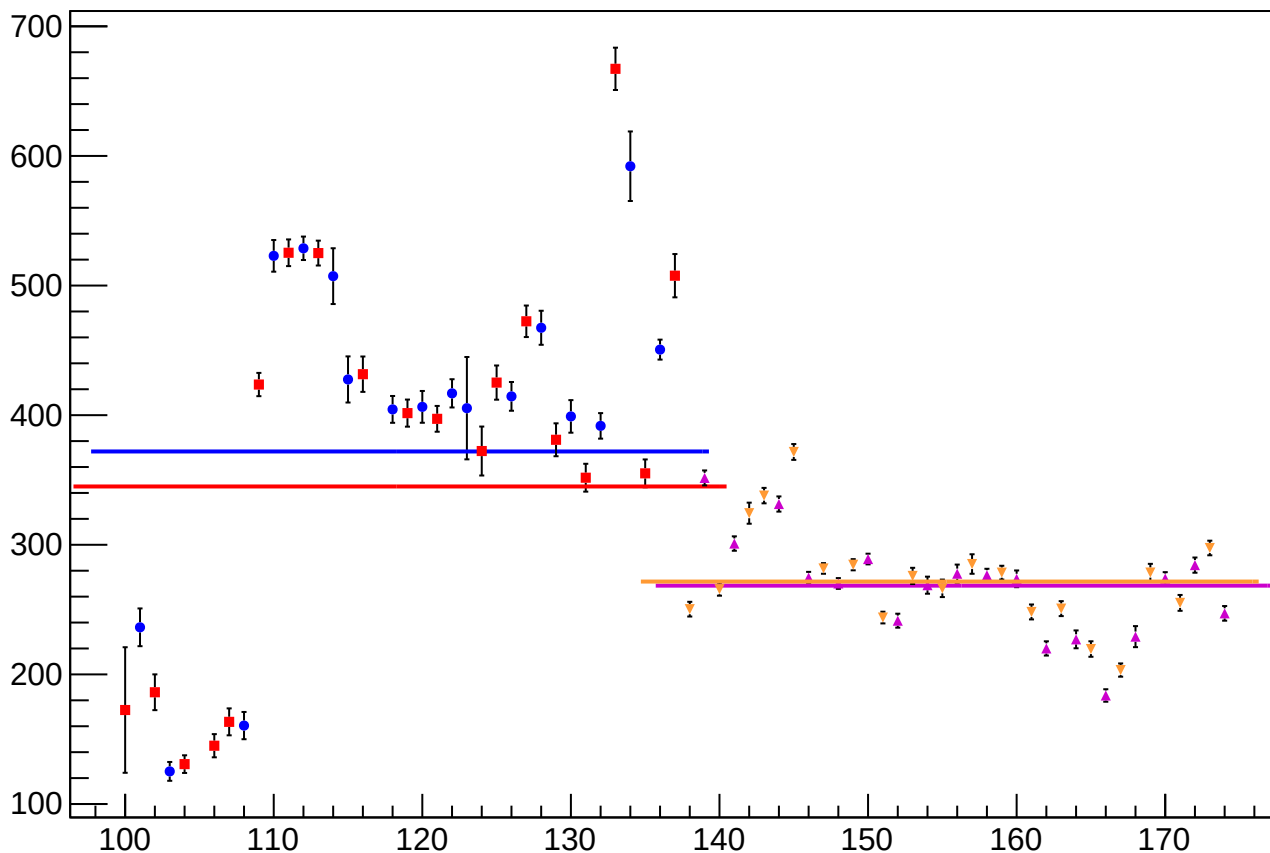
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 5.879 ± 0.783 $\chi^2/\text{NDF}: 535.1/34$

Out: 7.052 ± 0.749 $\chi^2/\text{NDF}: 532.9/37$

All: 6.492 ± 0.541 $\chi^2/\text{NDF}: 1069.2/72$

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: 271.632 $\pm$ 1.280 χ^2 /NDF:821.3/18

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 268.486 $\pm$ 1.276 χ^2 /NDF:882.6/17

Left: 270.053 $\pm$ 0.904 χ^2 /NDF: 1706.9/36

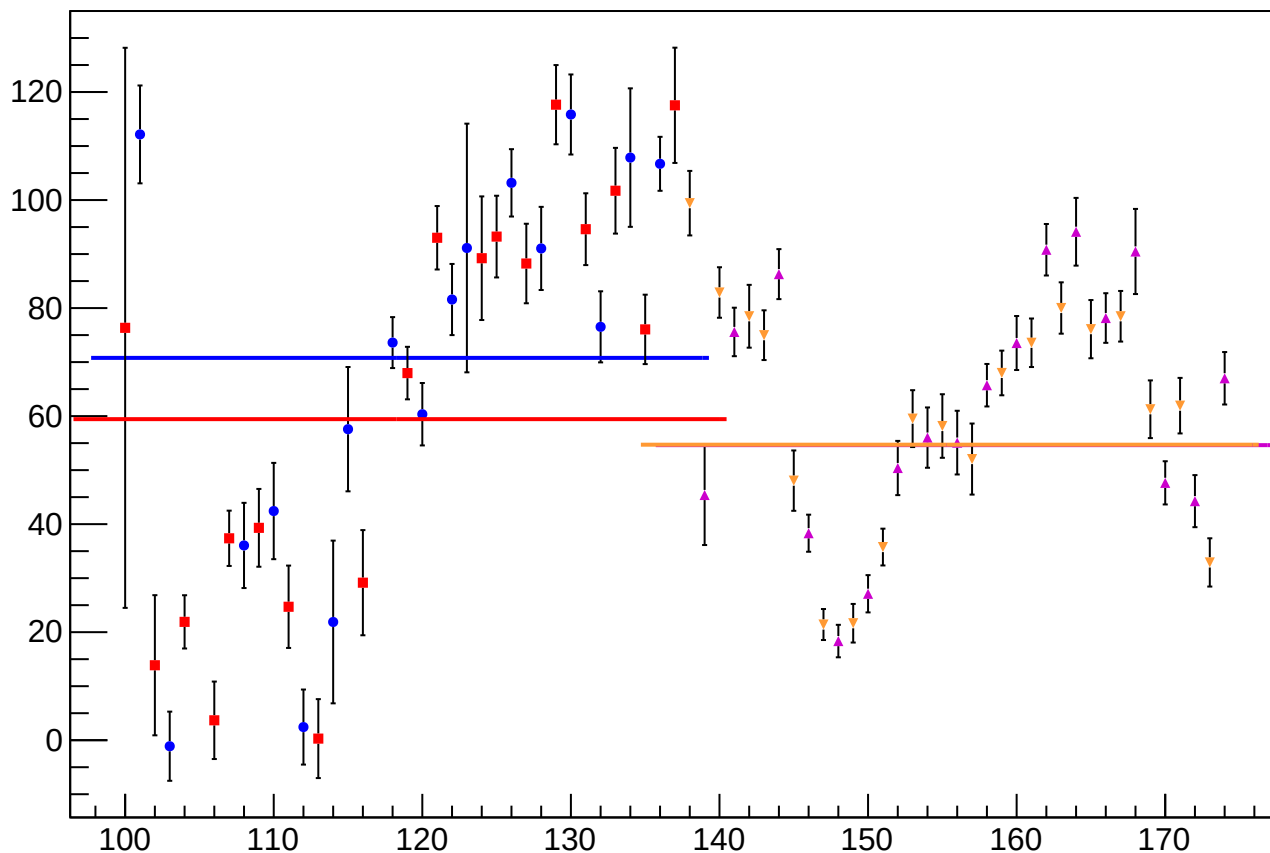
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 286.659 $\pm$ 1.158 χ^2 /NDF:4469.4/34

Out: 286.305 $\pm$ 1.145 χ^2 /NDF:4892.1/37

All: 286.480 $\pm$ 0.814 χ^2 /NDF: 9361.6/72

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 54.709 $\pm$ 1.047 χ^2 /NDF:507.4/18

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 54.625 $\pm$ 1.070 χ^2 /NDF:482.7/17

Left: 54.668 $\pm$ 0.748 χ^2 /NDF: 990.1/36

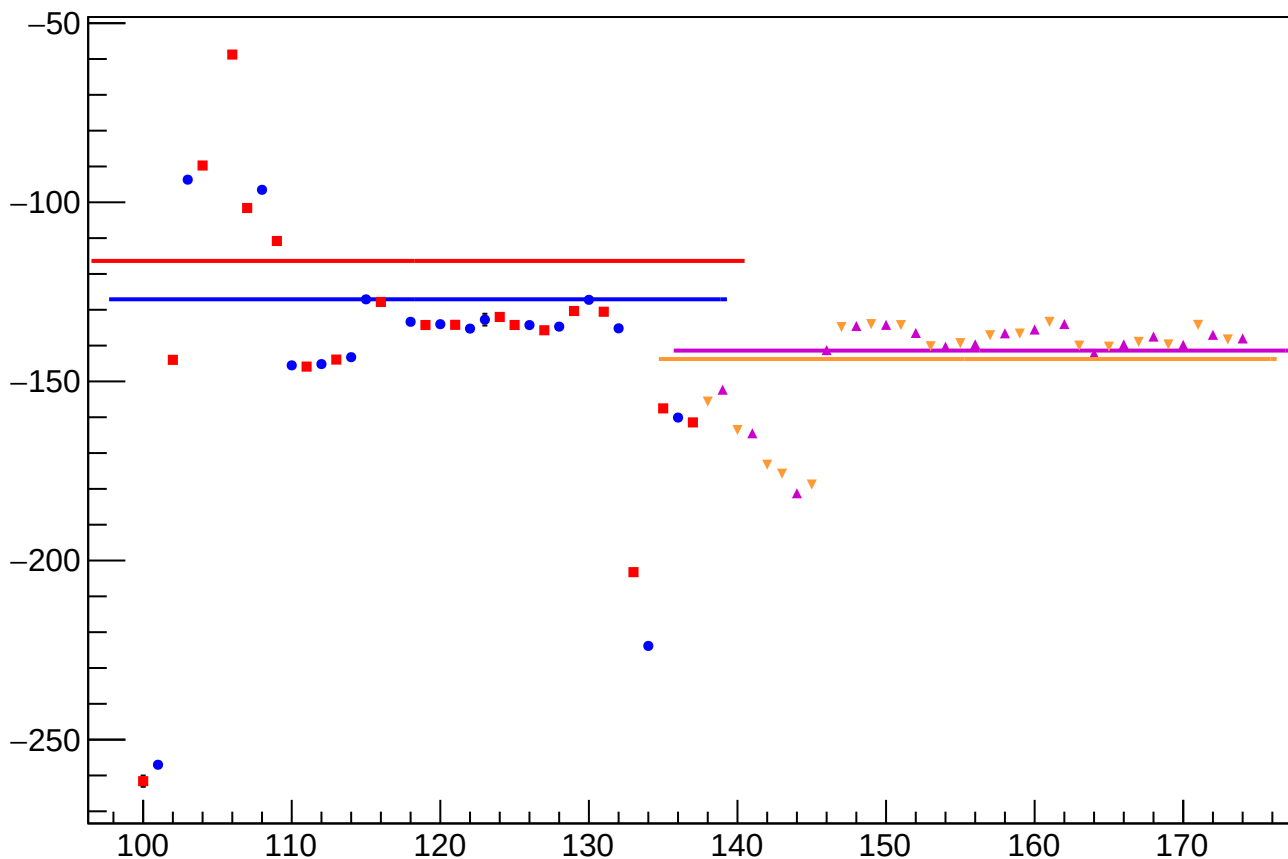
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 59.033 $\pm$ 0.912 χ^2 /NDF:968.8/34

Out: 56.089 $\pm$ 0.881 χ^2 /NDF:1000.1/37

All: 57.510 $\pm$ 0.634 χ^2 /NDF: 1974.2/72

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -143.747+/-0.051 χ^2/NDF : 73976.9/18

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -141.393+/-0.050 χ^2/NDF : 44804.3/17

Left: -142.557+/-0.036 χ^2/NDF : 119868.2/36

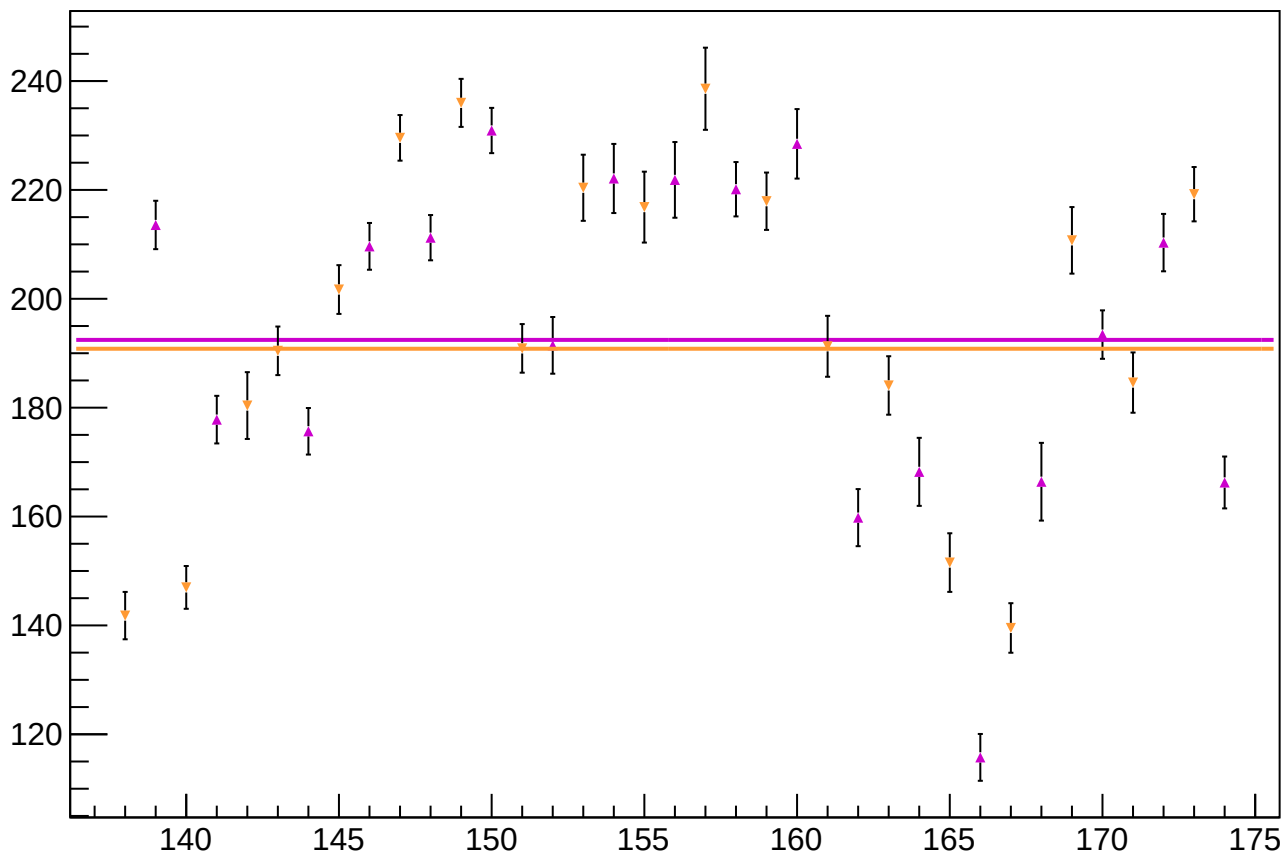
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.968+/-0.044 χ^2/NDF : 231289.3/34

Out: -136.280+/-0.043 χ^2/NDF : 320878.6/37

All: -137.114+/-0.031 χ^2/NDF : 552920.0/72

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: 190.824+/-1.150 χ^2/NDF : 782.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 192.452+/-1.162 χ^2/NDF : 700.2/17

Left: 191.630+/-0.817 χ^2/NDF : 1483.8/36

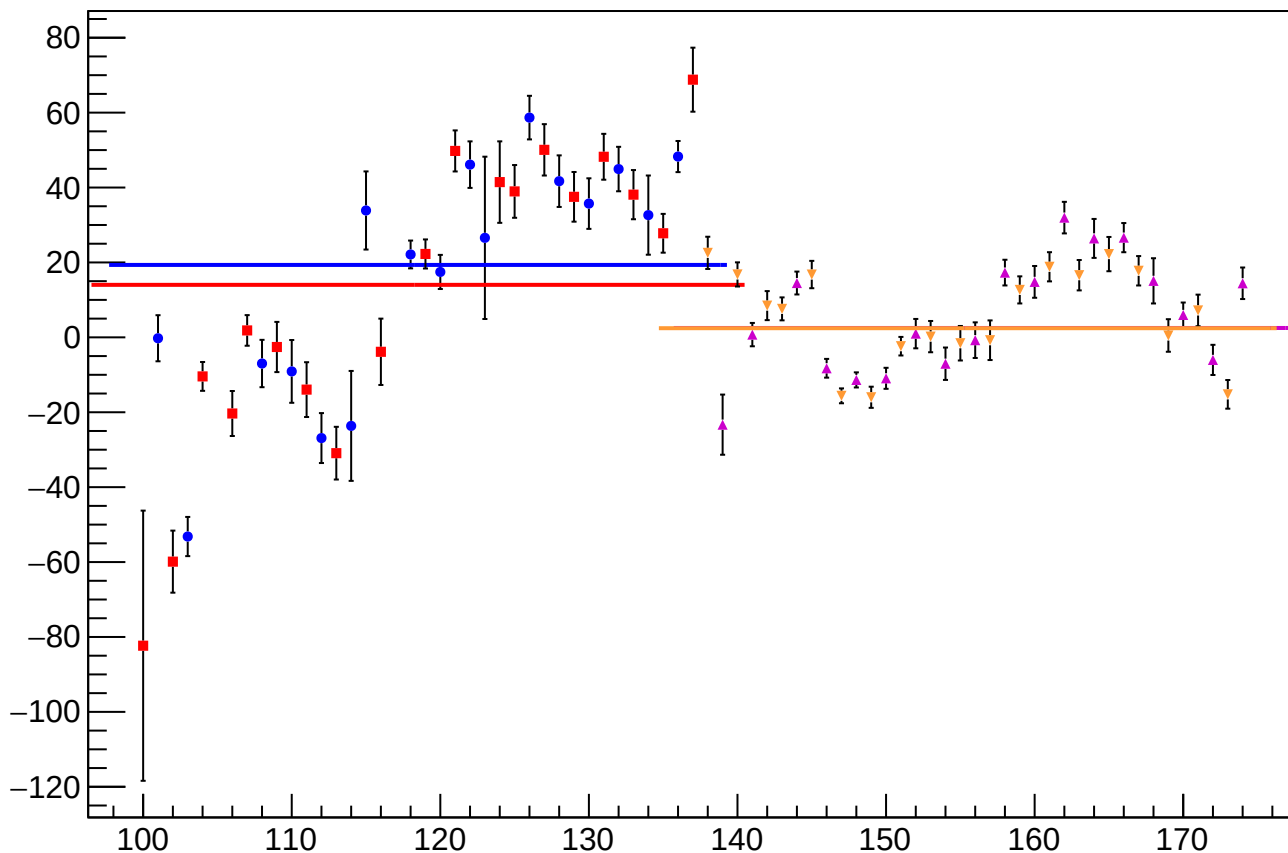
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 192.452+/-1.162 χ^2/NDF : 700.2/17

Out: 190.824+/-1.150 χ^2/NDF : 782.7/18

All: 191.630+/-0.817 χ^2/NDF : 1483.8/36

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: 2.443 ± 0.797 χ^2/NDF : 287.5/18

Right Out: 14.018 ± 1.390 χ^2/NDF : 433.2/18

Left In: 2.501 ± 0.828 χ^2/NDF : 273.6/17

Left: 2.471 ± 0.574 χ^2/NDF : 561.1/36

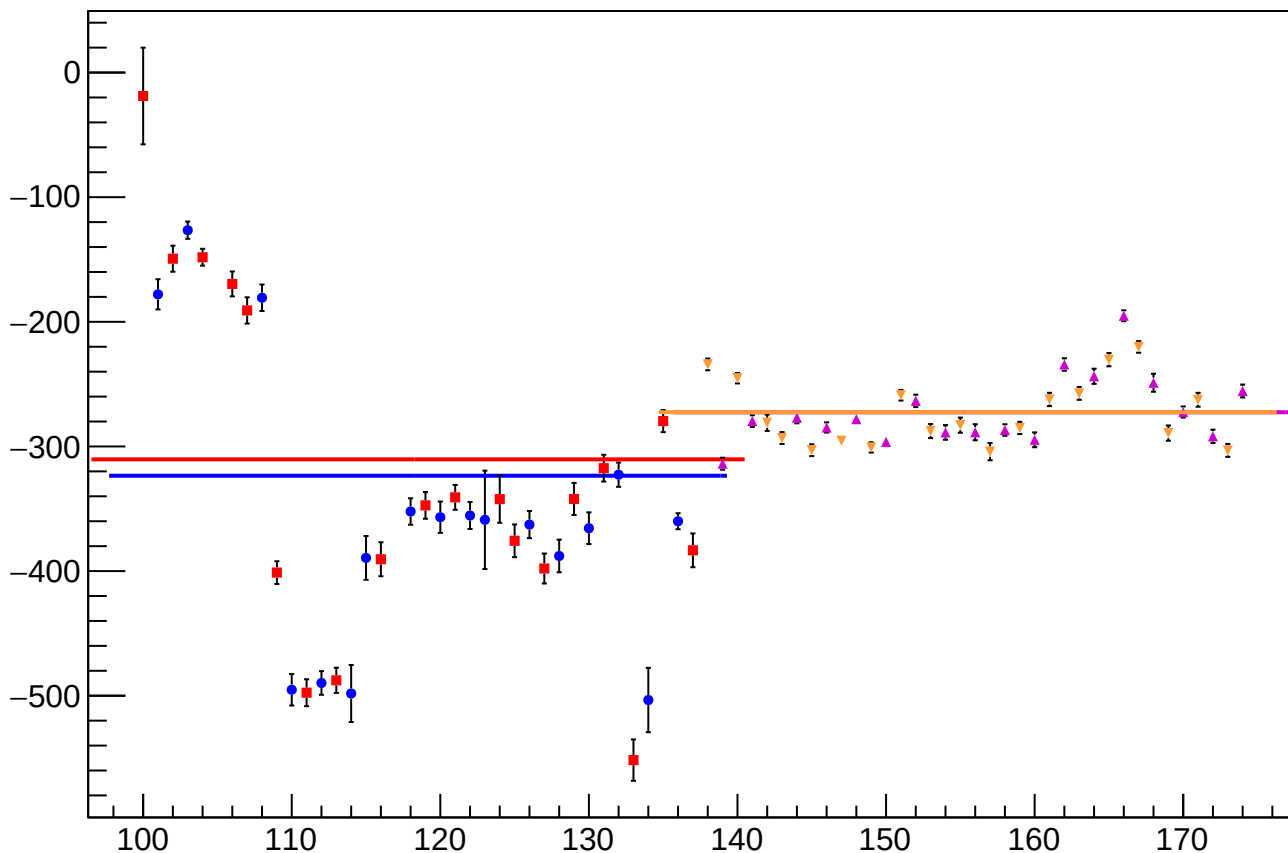
Right: 16.507 ± 1.014 χ^2/NDF : 879.9/35

In: 6.509 ± 0.723 χ^2/NDF : 811.7/34

Out: 5.307 ± 0.692 χ^2/NDF : 772.8/37

All: 5.881 ± 0.500 χ^2/NDF : 1586.0/72

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491+/-2.673 χ^2/NDF : 1847.6/16

Left Out: -272.500+/-1.144 χ^2/NDF : 545.4/18

Right Out: -310.336+/-2.522 χ^2/NDF : 2300.5/18

Left In: -272.572+/-1.150 χ^2/NDF : 592.6/17

Left: -272.536+/-0.811 χ^2/NDF : 1138.0/36

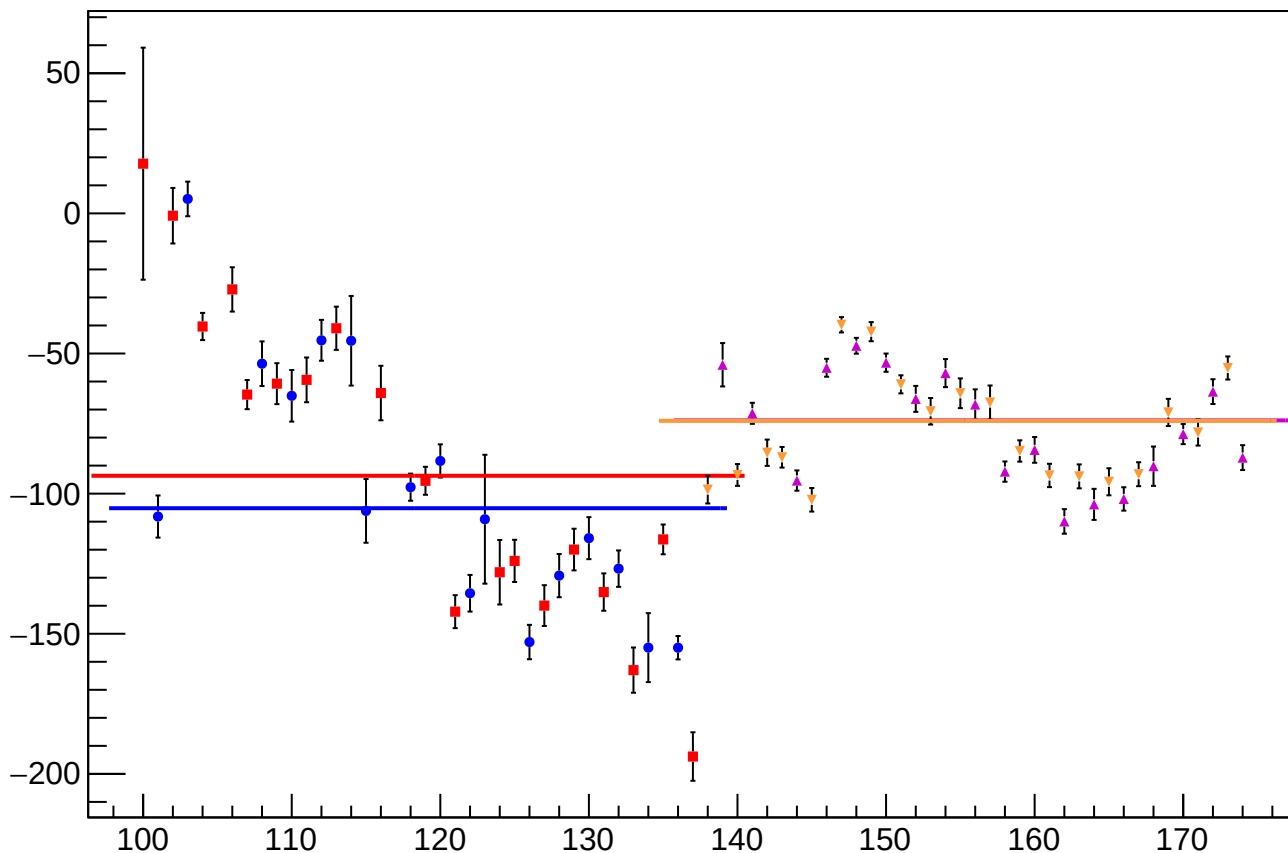
Right: -316.531+/-1.834 χ^2/NDF : 4160.9/35

In: -280.522+/-1.056 χ^2/NDF : 2746.4/34

Out: -278.961+/-1.042 χ^2/NDF : 3032.7/37

All: -279.731+/-0.742 χ^2/NDF : 5780.2/72

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -74.023 ± 0.940 χ^2/NDF : 491.4/18

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -73.867 ± 0.968 χ^2/NDF : 415.4/17

Left: -73.947 ± 0.674 χ^2/NDF : 906.8/36

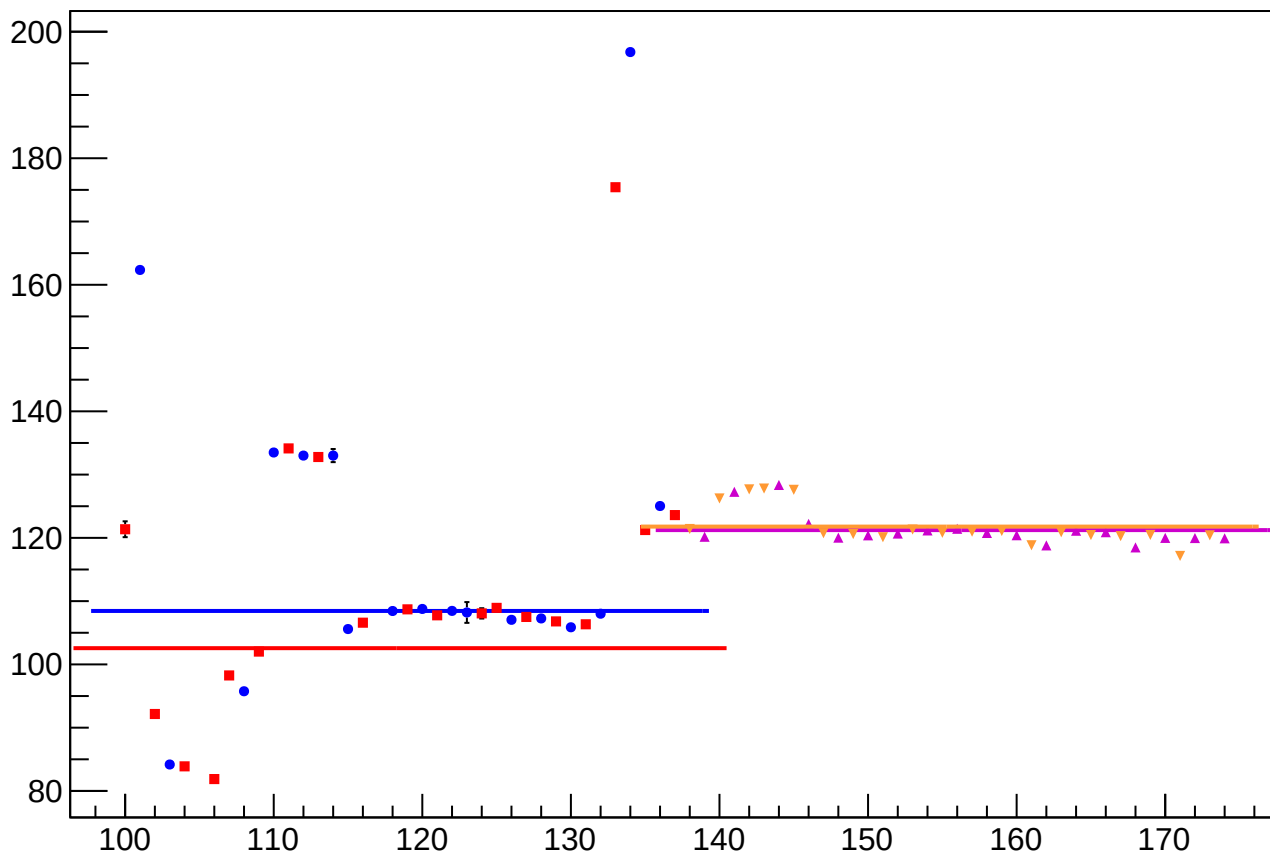
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -81.562 ± 0.841 χ^2/NDF : 1408.4/34

Out: -79.005 ± 0.812 χ^2/NDF : 1424.7/37

All: -80.239 ± 0.584 χ^2/NDF : 2837.8/72

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 121.504 $\pm$ 0.032 χ^2/NDF : 7193.2/36

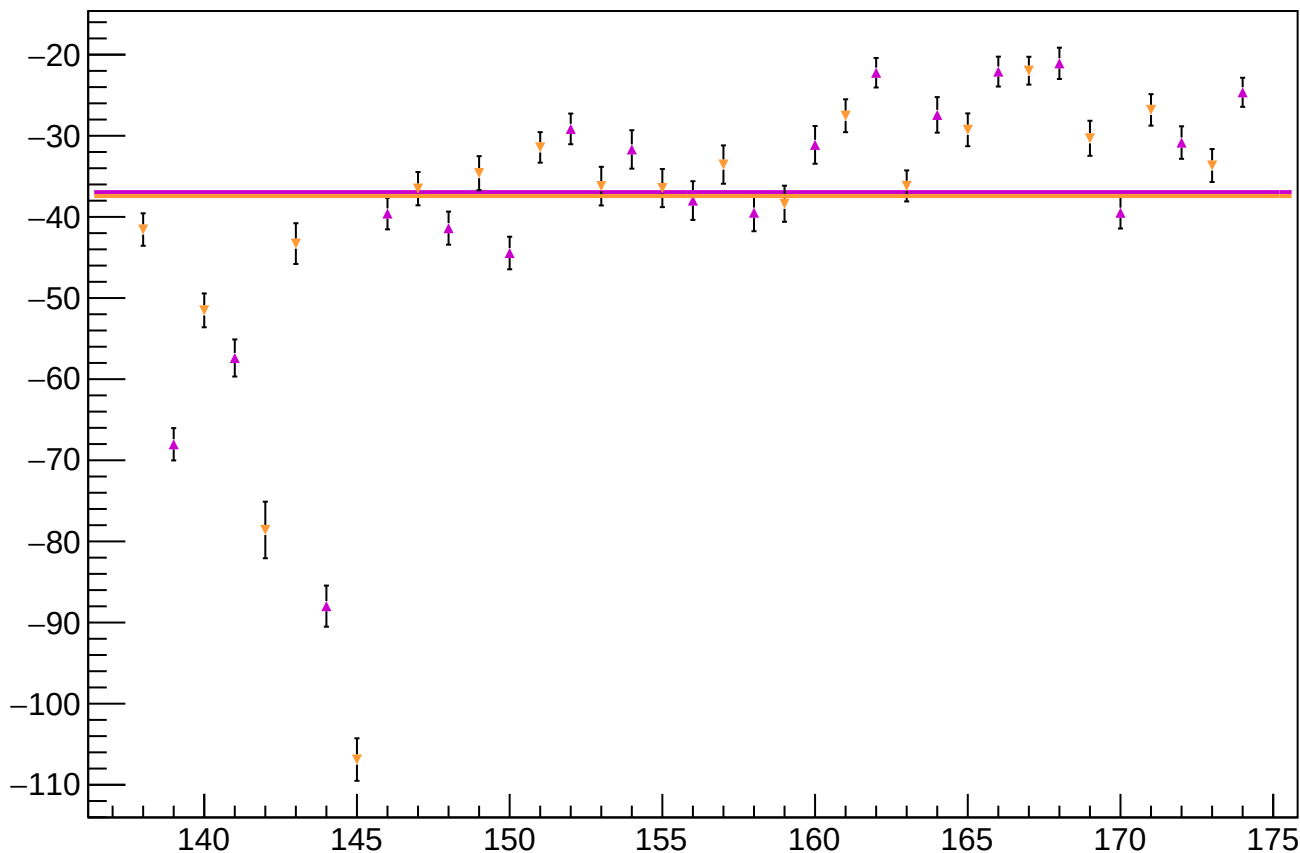
Right: 105.316 $\pm$ 0.058 χ^2/NDF : 128963.5/35

In: 118.398 $\pm$ 0.040 χ^2/NDF : 93830.6/34

Out: 117.064 $\pm$ 0.039 χ^2/NDF : 101517.2/37

All: 117.722 $\pm$ 0.028 χ^2/NDF : 195914.2/72

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.429+/-0.489 χ^2/NDF :1079.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.945+/-0.485 χ^2/NDF :1054.6/17

Left: -37.185+/-0.344 χ^2/NDF : 2134.5/36

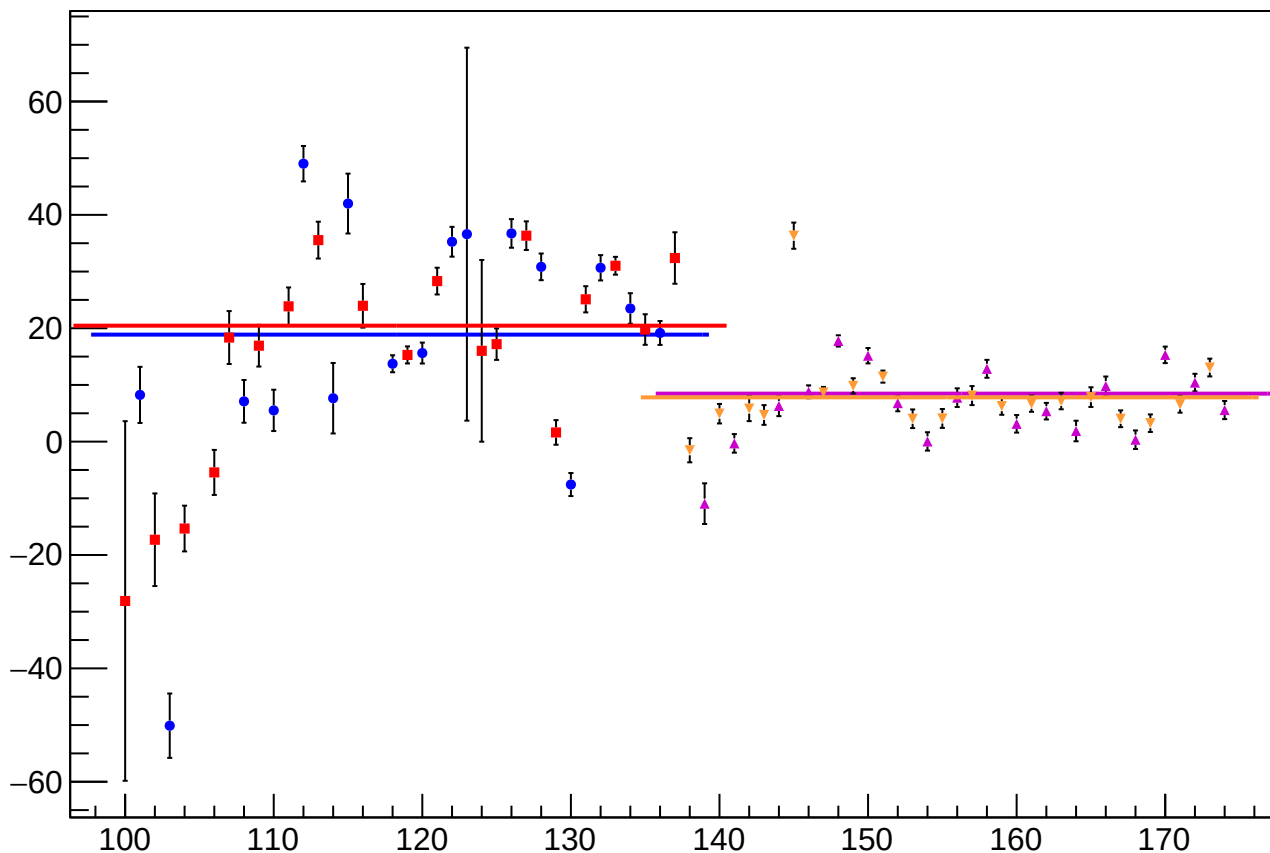
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.945+/-0.485 χ^2/NDF :1054.6/17

Out: -37.429+/-0.489 χ^2/NDF :1079.4/18

All: -37.185+/-0.344 χ^2/NDF : 2134.5/36

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 7.807 $\pm$ 0.347 χ^2 /NDF:232.5/18

Right Out: 20.454 $\pm$ 0.643 χ^2 /NDF: 364.8/18

Left In: 8.466 $\pm$ 0.355 χ^2 /NDF:289.4/17

Left: 8.129 $\pm$ 0.248 χ^2 /NDF: 523.7/36

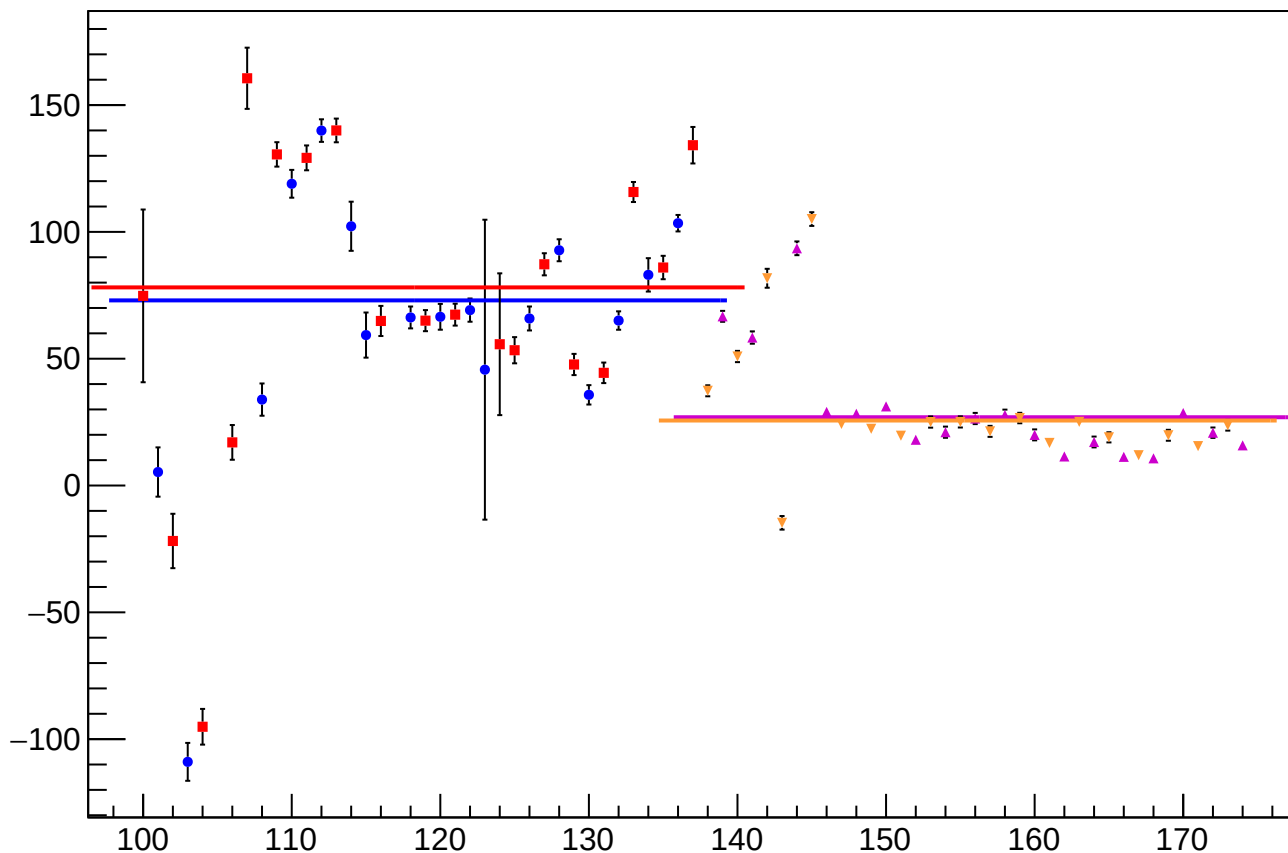
Right: 19.666 $\pm$ 0.455 χ^2 /NDF: 988.3/35

In: 10.893 $\pm$ 0.311 χ^2 /NDF:1110.0/34

Out: 10.657 $\pm$ 0.305 χ^2 /NDF:896.5/37

All: 10.773 $\pm$ 0.218 χ^2 /NDF: 2006.9/72

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: 25.629 $\pm$ 0.482 χ^2 /NDF:1619.5/18

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 26.917 $\pm$ 0.478 χ^2 /NDF:1439.8/17

Left: 26.279 $\pm$ 0.340 χ^2 /NDF: 3062.9/36

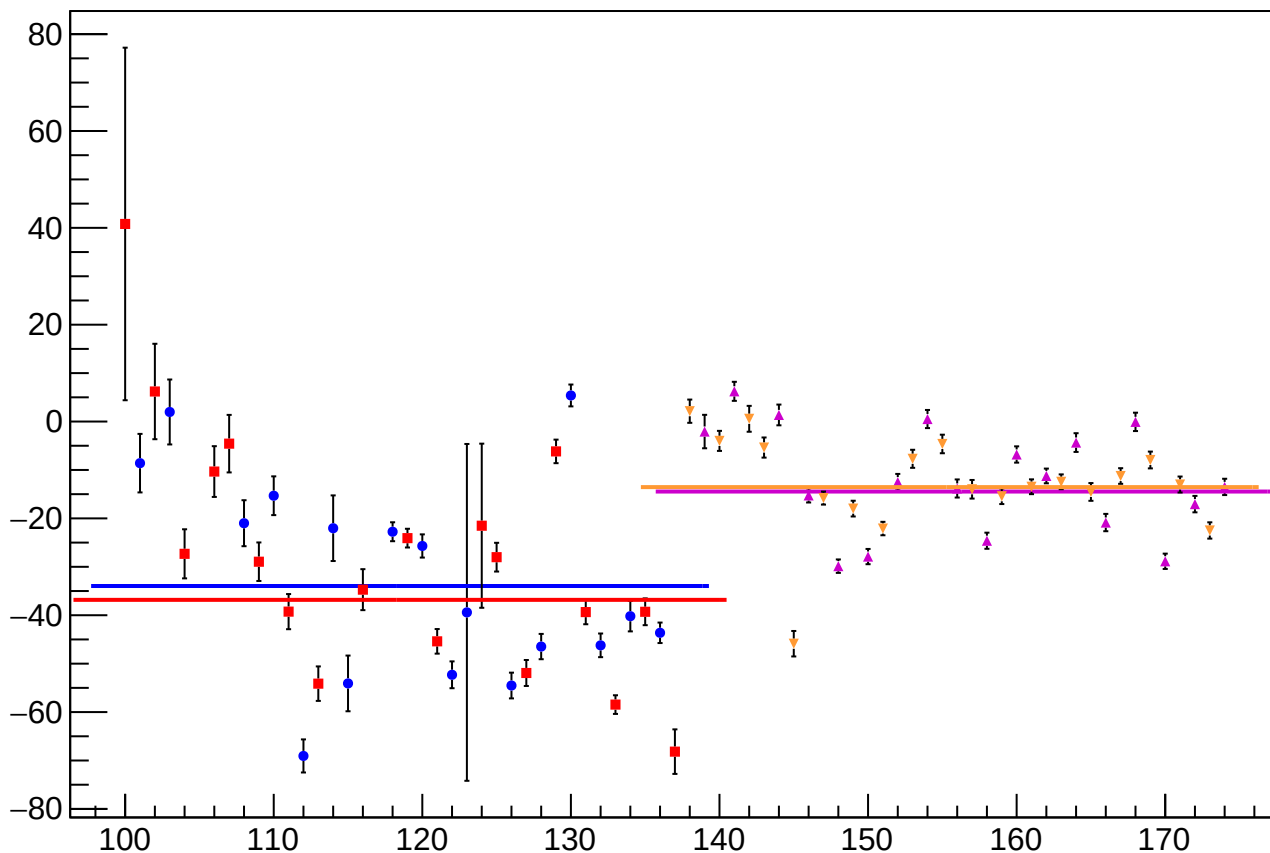
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 32.963 $\pm$ 0.446 χ^2 /NDF:3864.3/34

Out: 32.697 $\pm$ 0.449 χ^2 /NDF:4759.8/37

All: 32.831 $\pm$ 0.316 χ^2 /NDF: 8624.3/72

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: -13.542 ± 0.402 χ^2/NDF : 381.3/18

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.457 ± 0.409 χ^2/NDF : 685.7/17

Left: -13.992 ± 0.287 χ^2/NDF : 1069.5/36

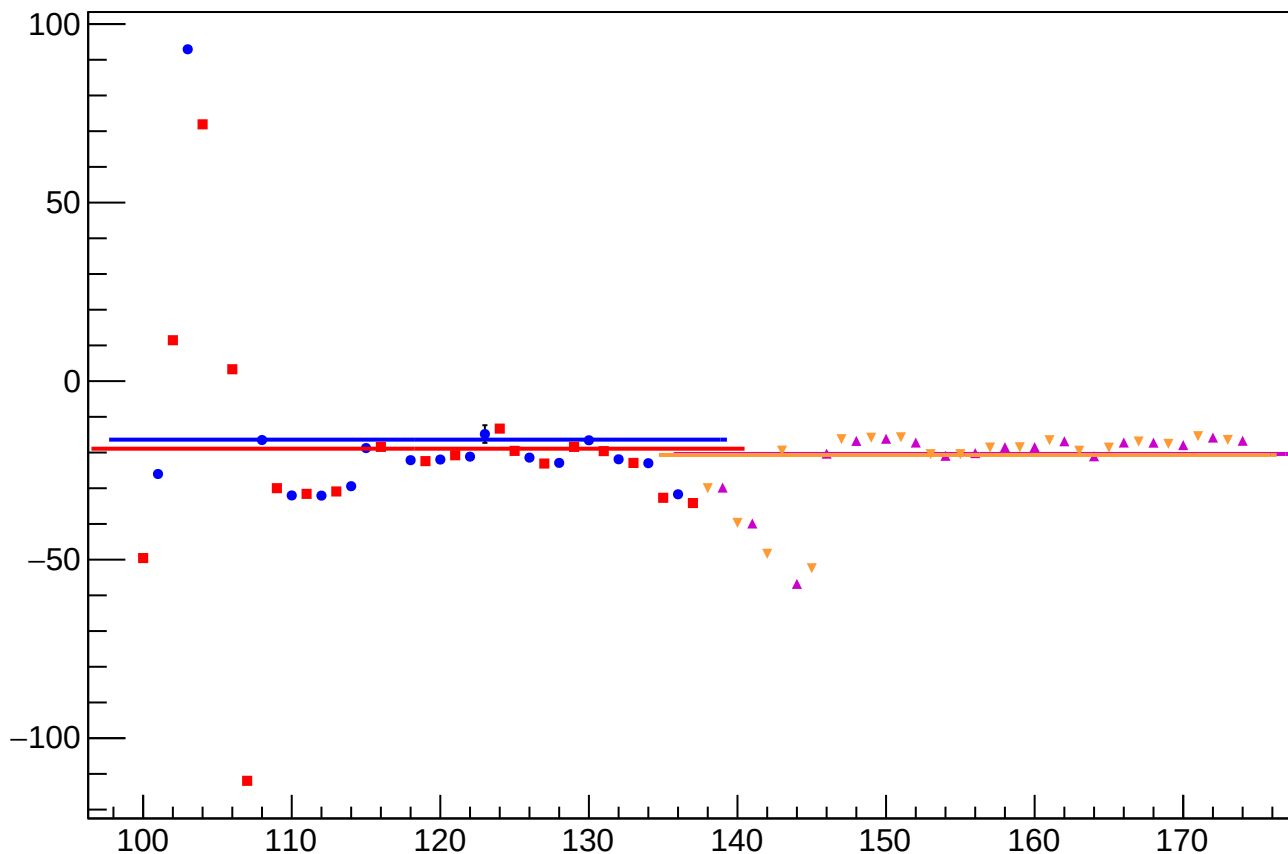
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -19.045 ± 0.358 χ^2/NDF : 1942.6/34

Out: -18.885 ± 0.353 χ^2/NDF : 1690.5/37

All: -18.964 ± 0.251 χ^2/NDF : 3633.2/72

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -20.679 ± 0.019 $\chi^2/\text{NDF}: 201494.8/18$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -20.396 ± 0.019 $\chi^2/\text{NDF}: 170452.1/17$

Left: -20.536 ± 0.013 $\chi^2/\text{NDF}: 372061.9/36$

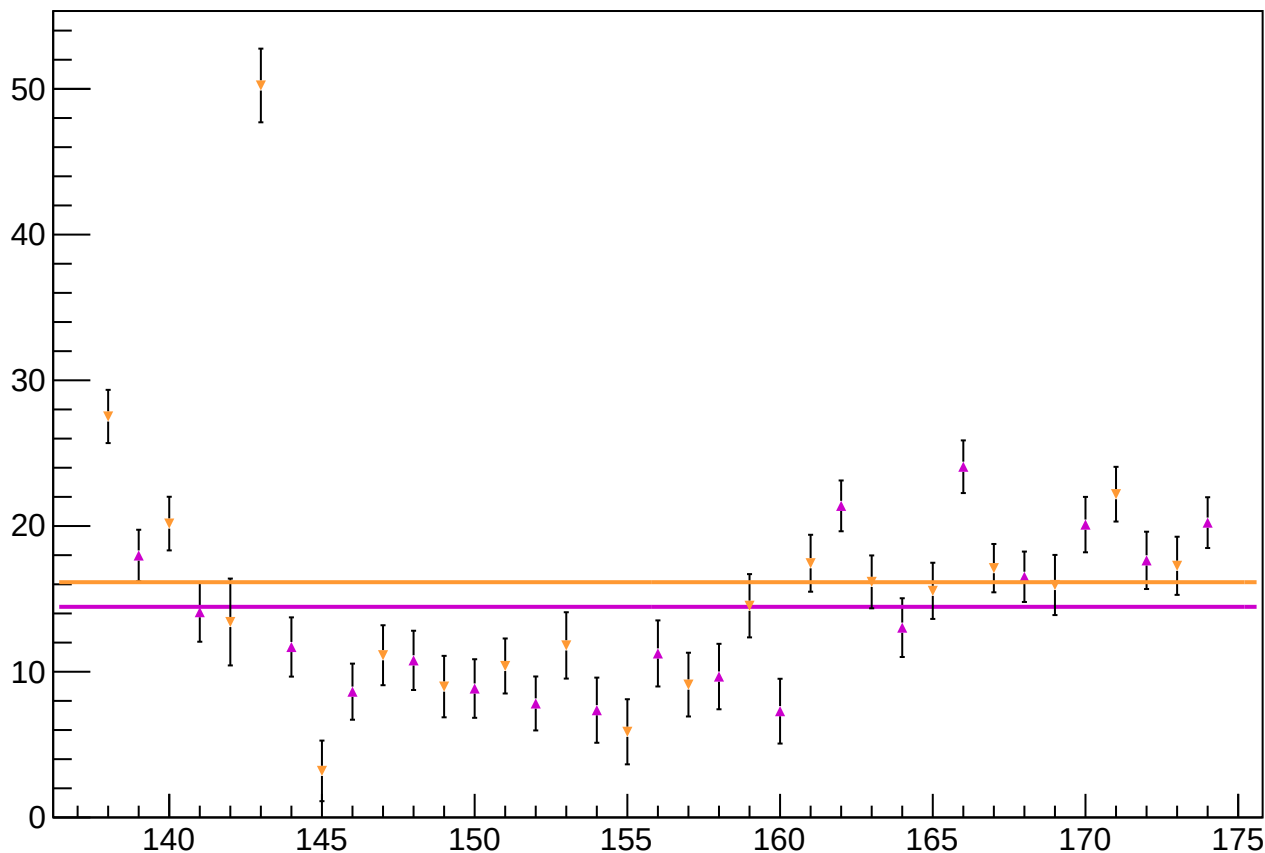
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -19.804 ± 0.017 $\chi^2/\text{NDF}: 651680.2/34$

Out: -20.423 ± 0.017 $\chi^2/\text{NDF}: 636923.3/37$

All: -20.109 ± 0.012 $\chi^2/\text{NDF}: 1289251.4/72$

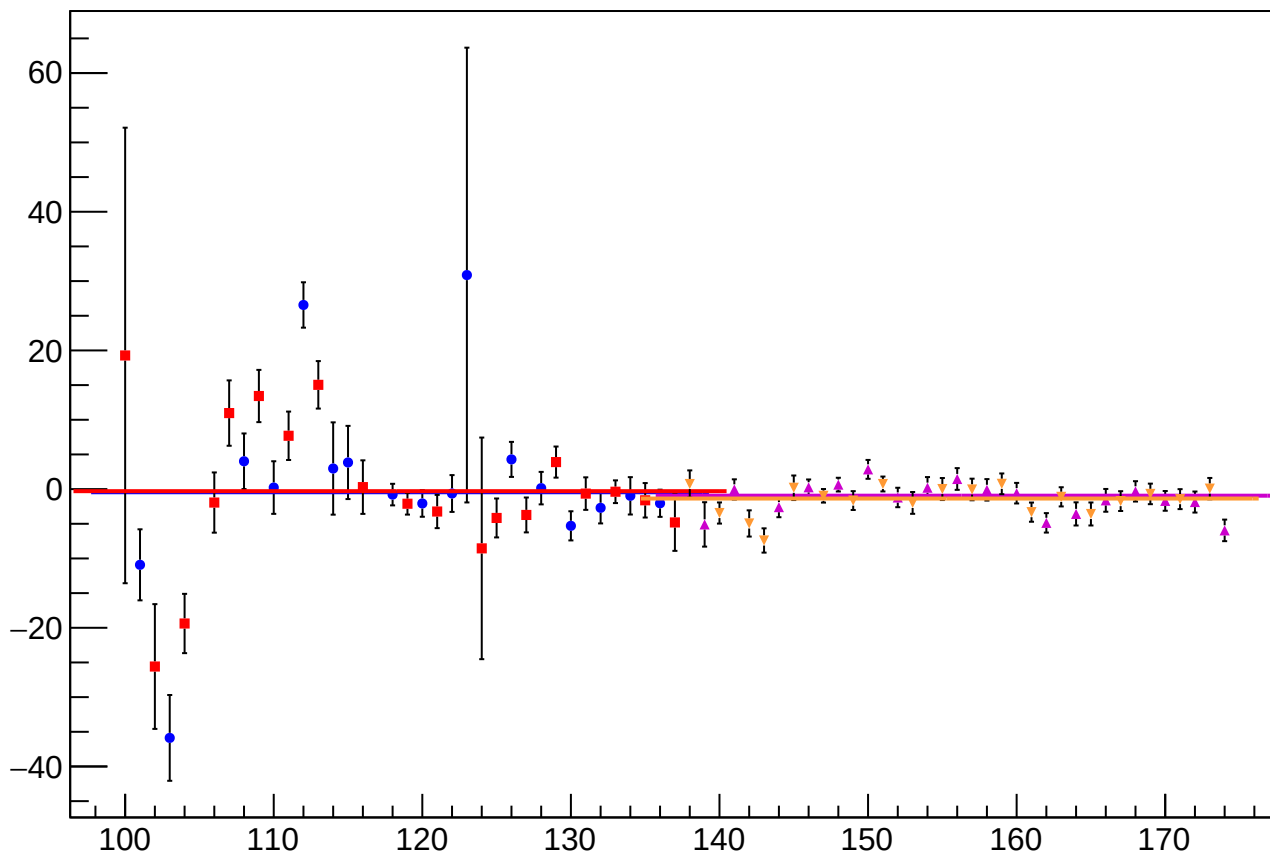
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 16.145 $\pm$ 0.465 χ^2/NDF :339.0/18
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 14.455 $\pm$ 0.460 χ^2/NDF :134.3/17

Left: 15.290 $\pm$ 0.327 χ^2/NDF : 479.9/36
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 14.455 $\pm$ 0.460 χ^2/NDF :134.3/17
 Out: 16.145 $\pm$ 0.465 χ^2/NDF :339.0/18
 All: 15.290 $\pm$ 0.327 χ^2/NDF : 479.9/36

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.360 ± 0.333 χ^2/NDF : 32.0/18

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -0.949 ± 0.340 χ^2/NDF : 39.8/17

Left: -1.159 ± 0.238 χ^2/NDF : 72.5/36

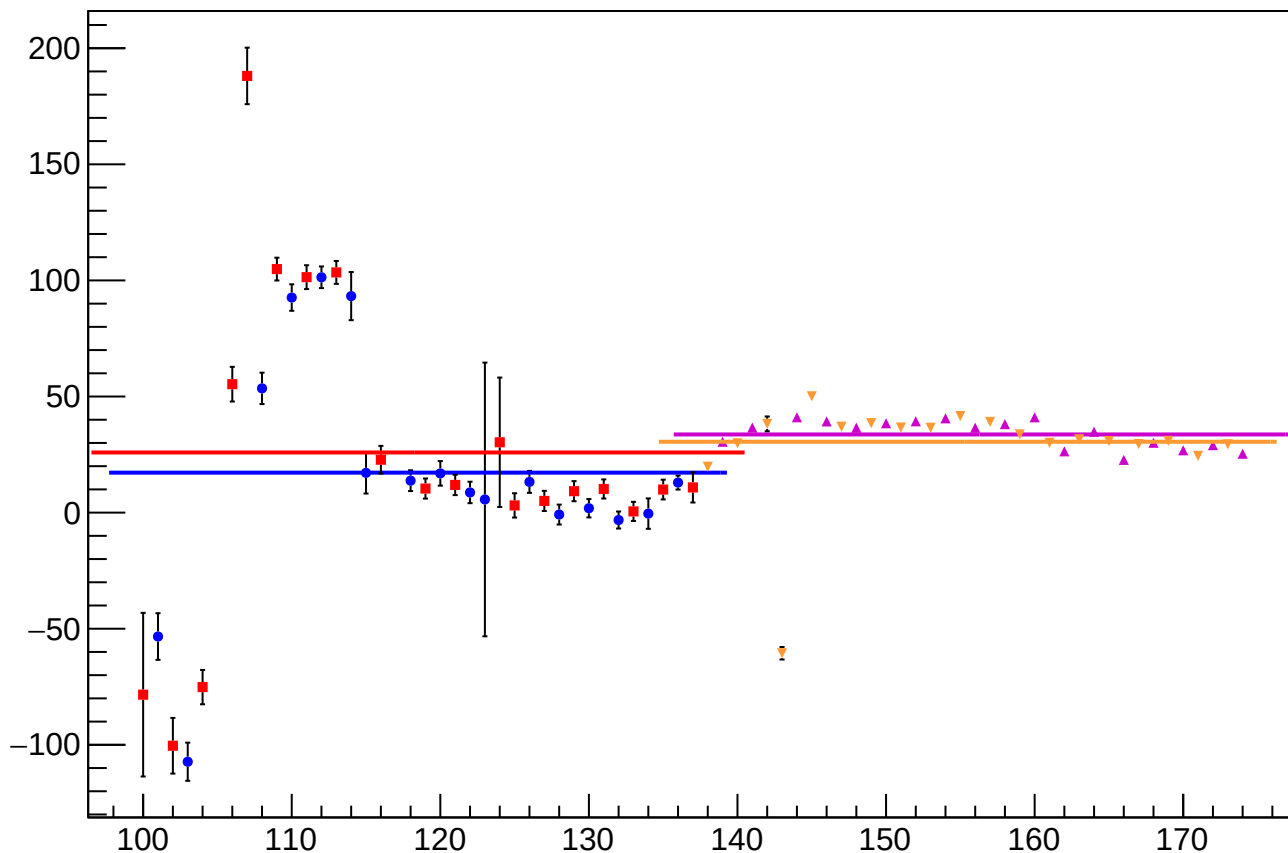
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -0.843 ± 0.302 χ^2/NDF : 159.8/34

Out: -1.143 ± 0.297 χ^2/NDF : 118.5/37

All: -0.995 ± 0.212 χ^2/NDF : 278.8/72

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2/NDF : 940.1/16

Left Out: 30.519+/-0.460 χ^2/NDF :1364.9/18

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 33.660+/-0.455 χ^2/NDF :171.1/17

Left: 32.108+/-0.323 χ^2/NDF : 1559.6/36

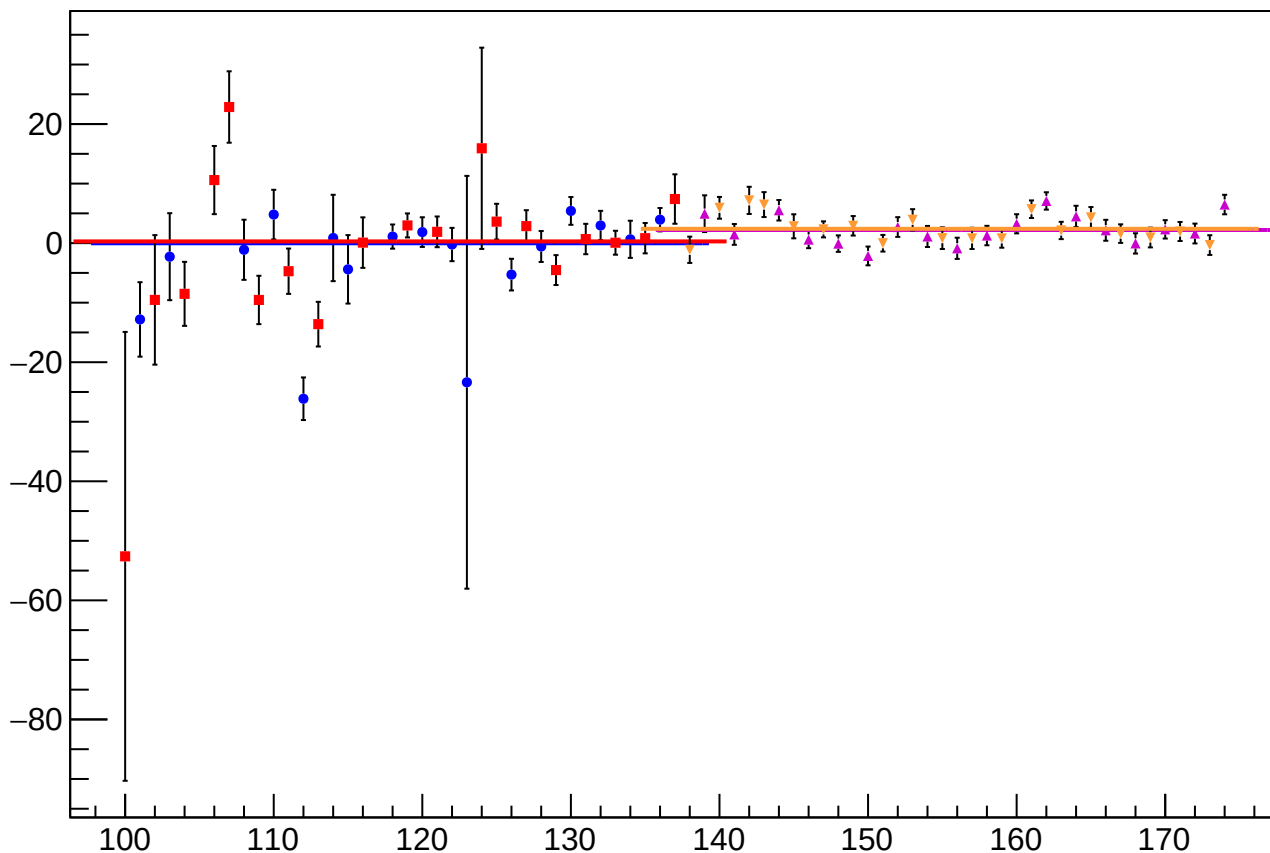
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 31.713+/-0.427 χ^2/NDF :1266.0/34

Out: 29.962+/-0.432 χ^2/NDF :2751.8/37

All: 30.847+/-0.304 χ^2/NDF : 4026.1/72

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.406 ± 0.385 χ^2/NDF : 30.9/18

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.210 ± 0.391 χ^2/NDF : 42.1/17

Left: 2.309 ± 0.274 χ^2/NDF : 73.1/36

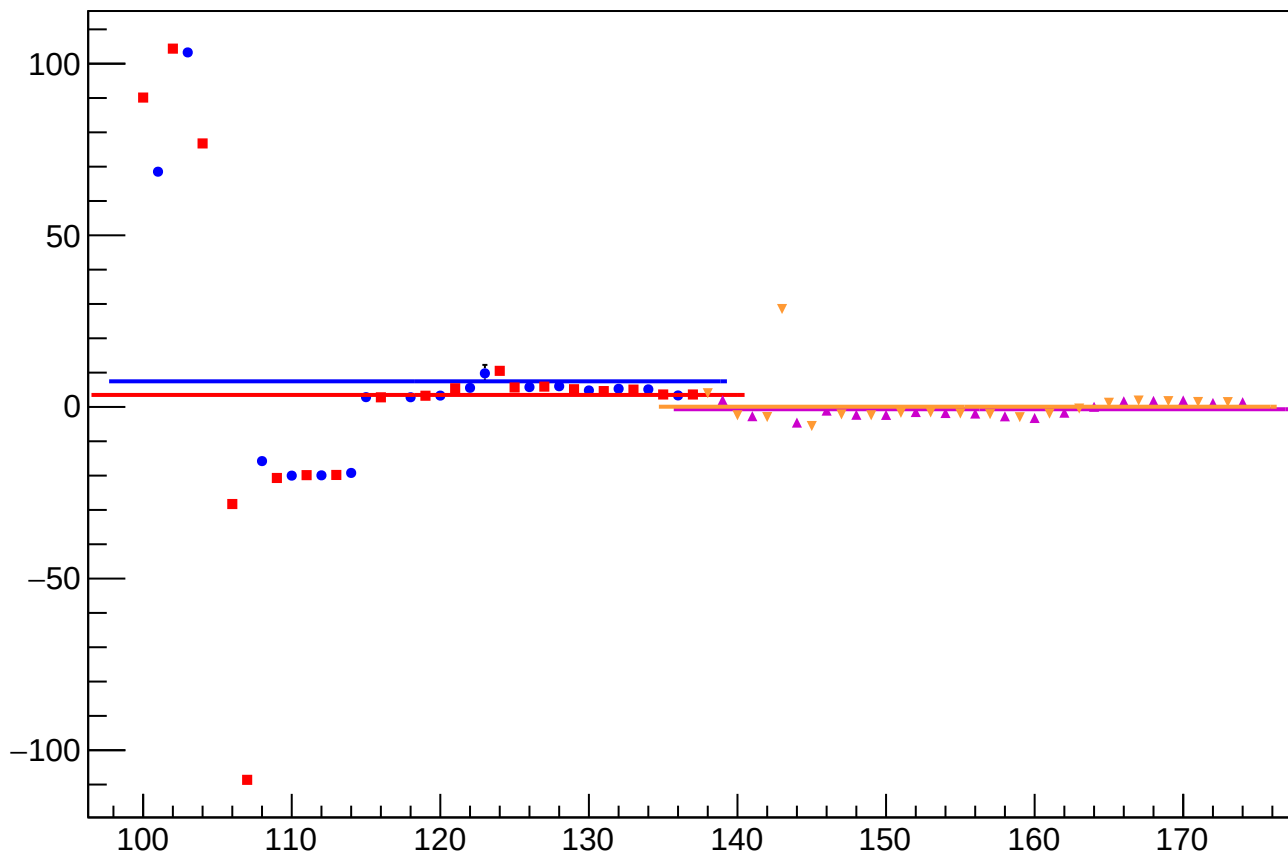
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 1.728 ± 0.346 χ^2/NDF : 124.9/34

Out: 1.963 ± 0.343 χ^2/NDF : 93.3/37

All: 1.847 ± 0.244 χ^2/NDF : 218.5/72

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: 0.071 ± 0.018 $\chi^2/\text{NDF}: 86476.8/18$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: -0.667 ± 0.018 $\chi^2/\text{NDF}: 12630.4/17$

Left: -0.303 ± 0.013 $\chi^2/\text{NDF}: 99973.9/36$

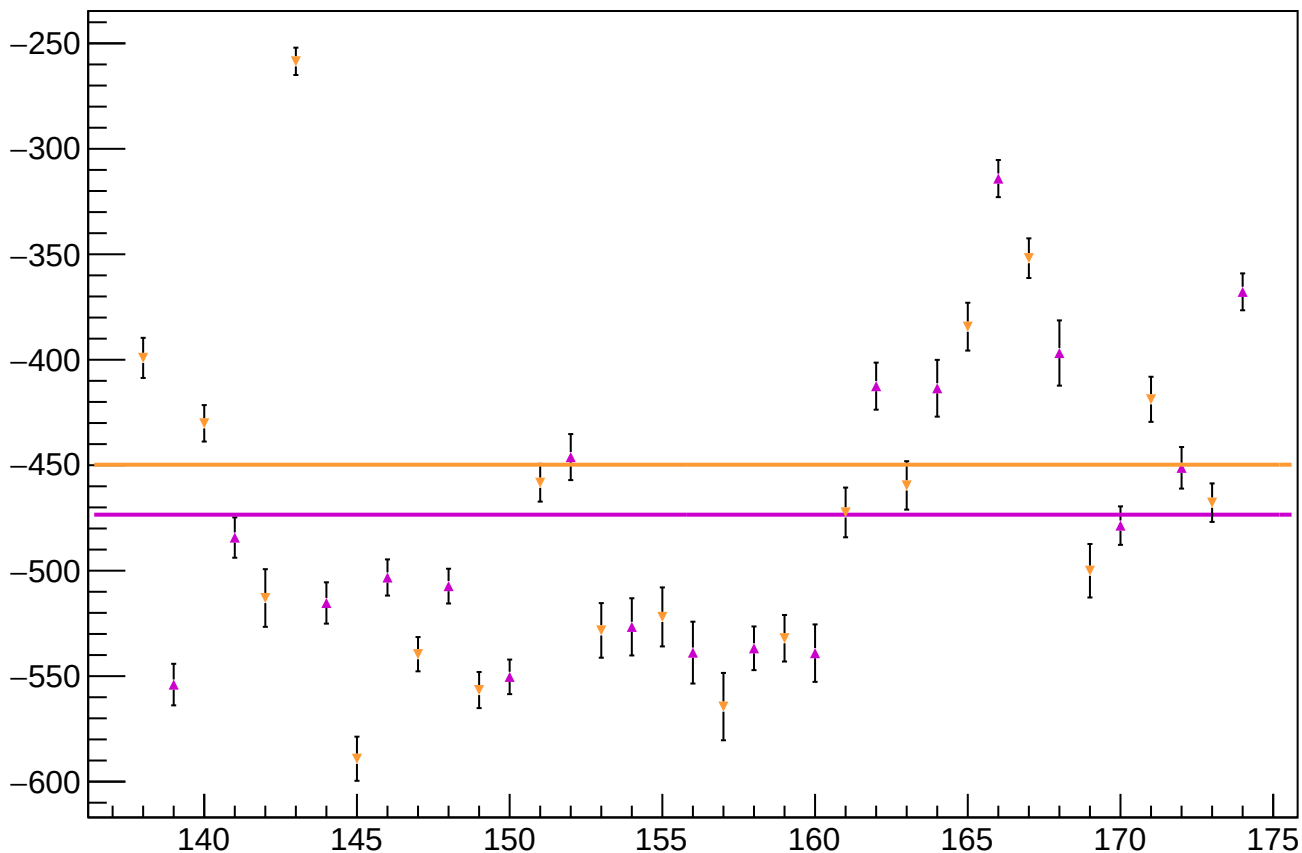
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 0.435 ± 0.016 $\chi^2/\text{NDF}: 397442.9/34$

Out: 0.526 ± 0.017 $\chi^2/\text{NDF}: 601967.7/37$

All: 0.480 ± 0.012 $\chi^2/\text{NDF}: 999425.7/72$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -449.757+/-2.305 χ^2/NDF :1728.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -473.449+/-2.396 χ^2/NDF :858.6/17

Left: -461.145+/-1.661 χ^2/NDF : 2637.6/36

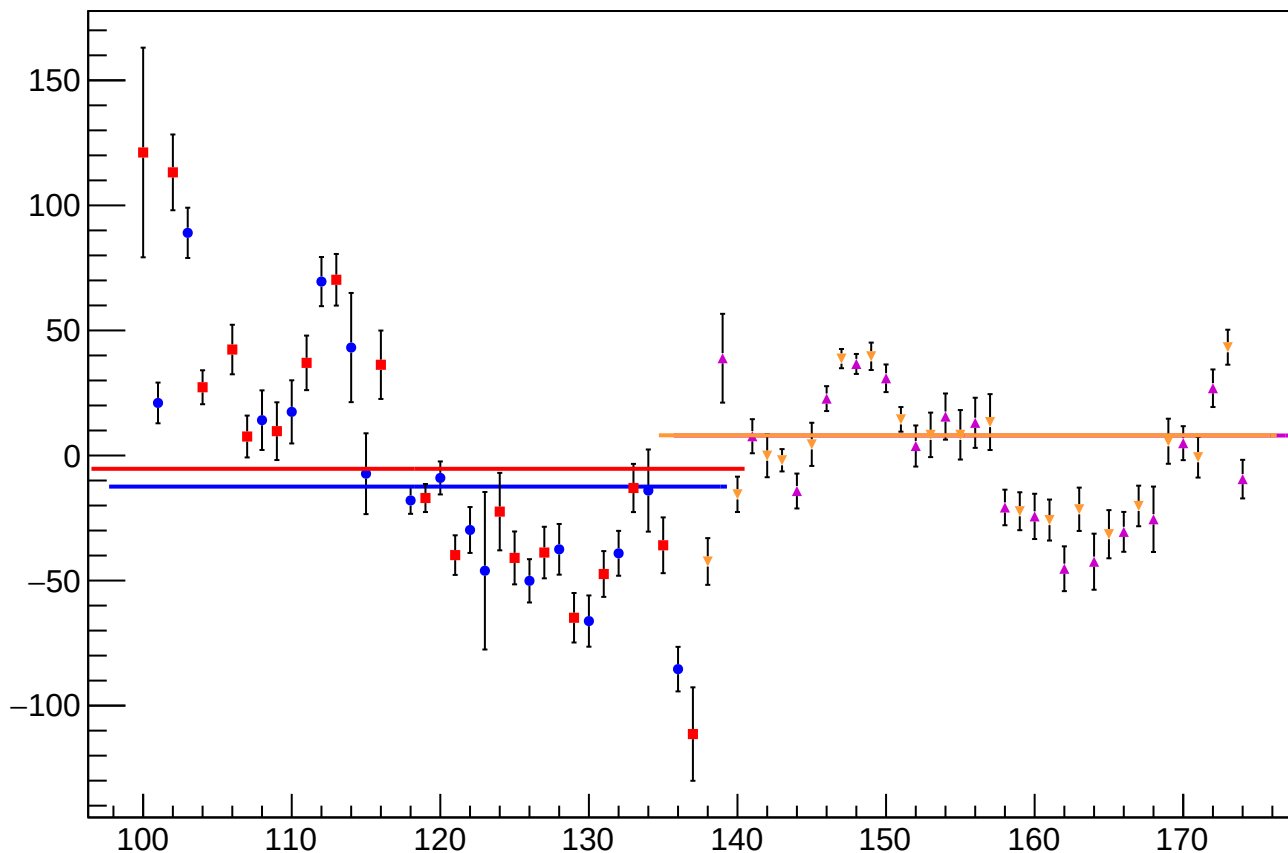
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -473.449+/-2.396 χ^2/NDF :858.6/17

Out: -449.757+/-2.305 χ^2/NDF :1728.2/18

All: -461.145+/-1.661 χ^2/NDF : 2637.6/36

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 $\pm$ 2.315 χ^2/NDF : 340.2/16

Left Out: 8.077 $\pm$ 1.579 χ^2/NDF :245.5/18

Right Out: -5.317 $\pm$ 2.260 χ^2/NDF : 342.8/18

Left In: 7.992 $\pm$ 1.695 χ^2/NDF :218.0/17

Left: 8.038 $\pm$ 1.155 χ^2/NDF : 463.6/36

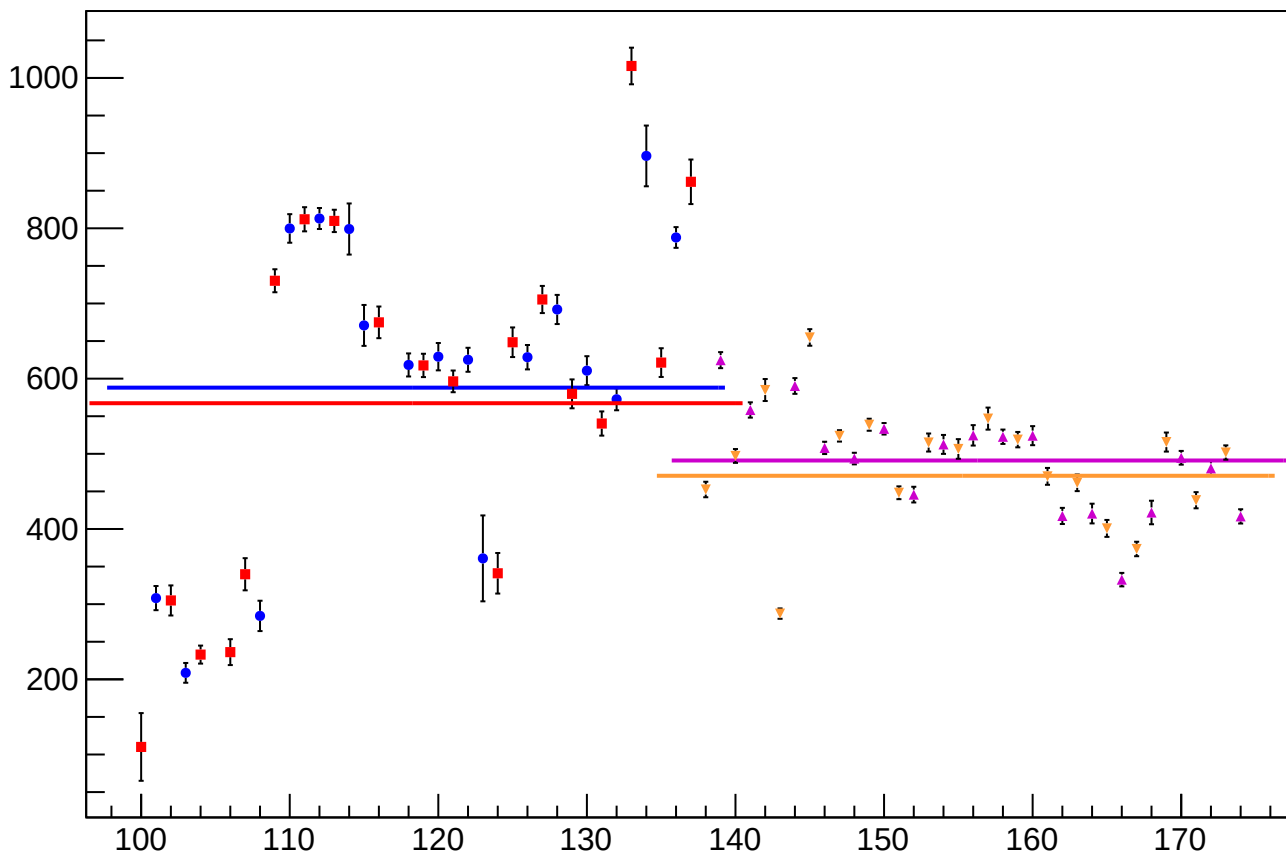
Right: -8.788 $\pm$ 1.617 χ^2/NDF : 687.9/35

In: 0.864 $\pm$ 1.368 χ^2/NDF :608.9/34

Out: 3.683 $\pm$ 1.294 χ^2/NDF :611.9/37

All: 2.351 $\pm$ 0.940 χ^2/NDF : 1223.1/72

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 470.788 $\pm$ 2.297 χ^2 /NDF:1427.4/18

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 491.122 $\pm$ 2.368 χ^2 /NDF:840.6/17

Left: 480.644 $\pm$ 1.649 χ^2 /NDF: 2306.1/36

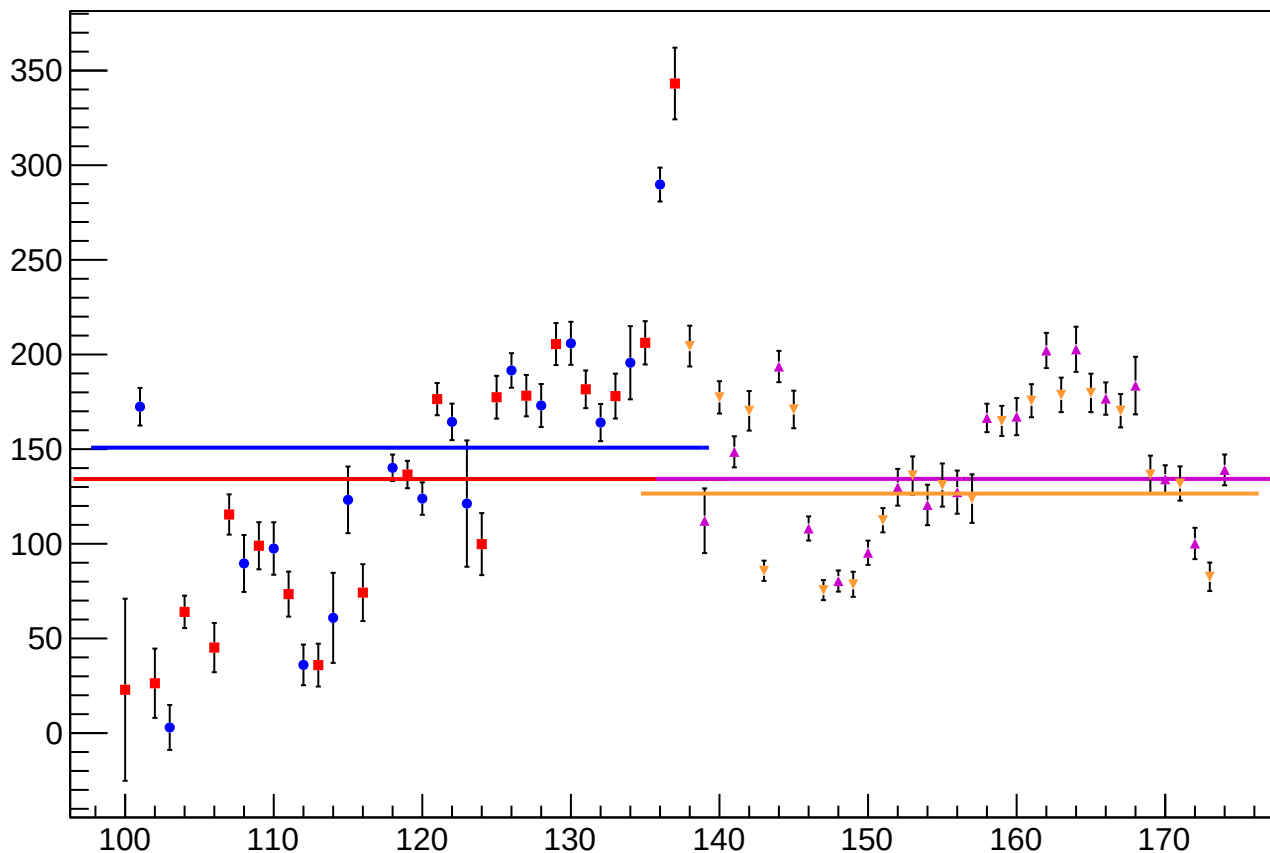
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 513.446 $\pm$ 2.078 χ^2 /NDF:3354.1/34

Out: 493.565 $\pm$ 2.008 χ^2 /NDF:4628.5/37

All: 503.165 $\pm$ 1.444 χ^2 /NDF: 8029.9/72

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 126.534 $\pm$ 1.870 χ^2 /NDF:509.1/18

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 134.280 $\pm$ 1.985 χ^2 /NDF:374.0/17

Left: 130.176 $\pm$ 1.361 χ^2 /NDF: 891.1/36

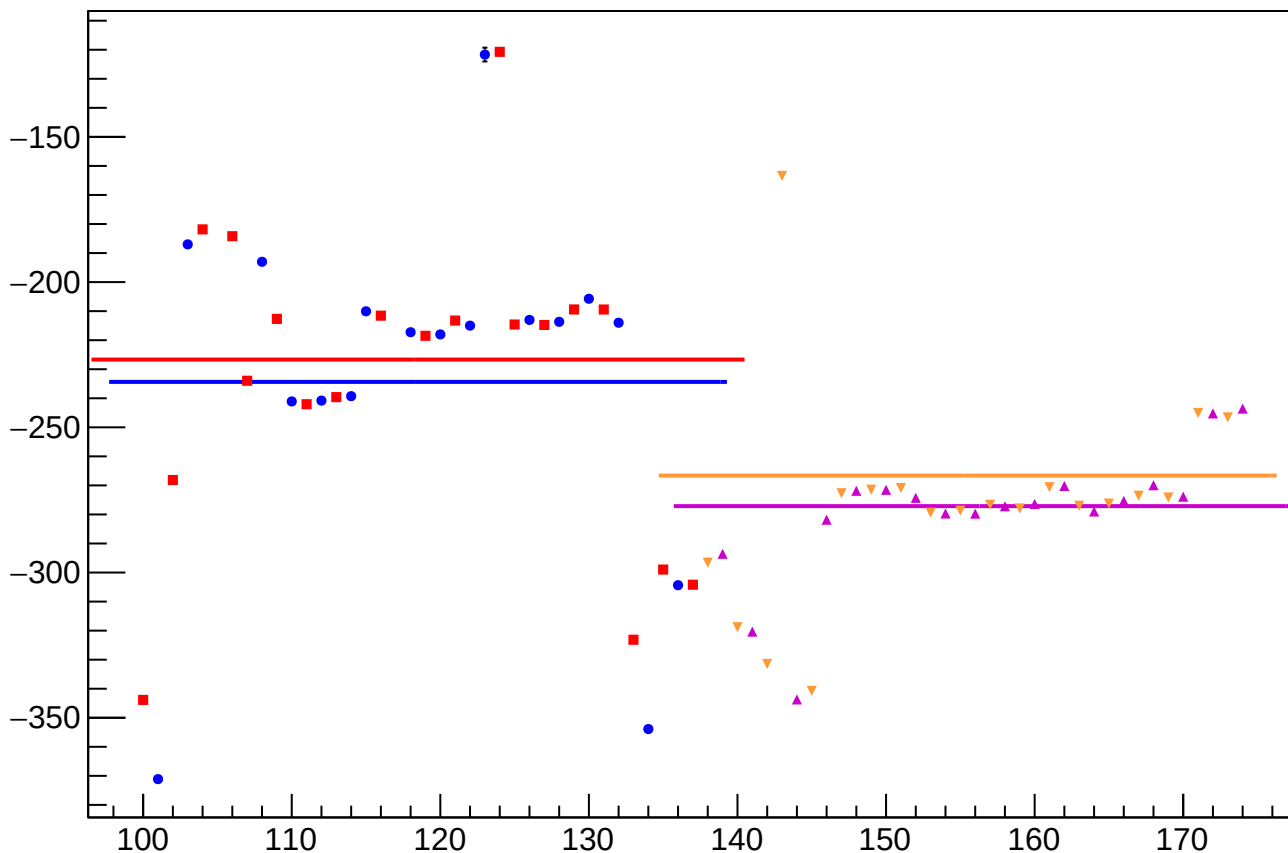
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 140.127 $\pm$ 1.595 χ^2 /NDF:1031.6/34

Out: 129.133 $\pm$ 1.521 χ^2 /NDF:1096.4/37

All: 134.370 $\pm$ 1.101 χ^2 /NDF: 2152.9/72

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: -266.613+/-0.091 χ^2/NDF : 212746.5/18

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -277.132+/-0.093 χ^2/NDF : 52766.6/17

Left: -271.760+/-0.065 χ^2/NDF : 272023.0/36

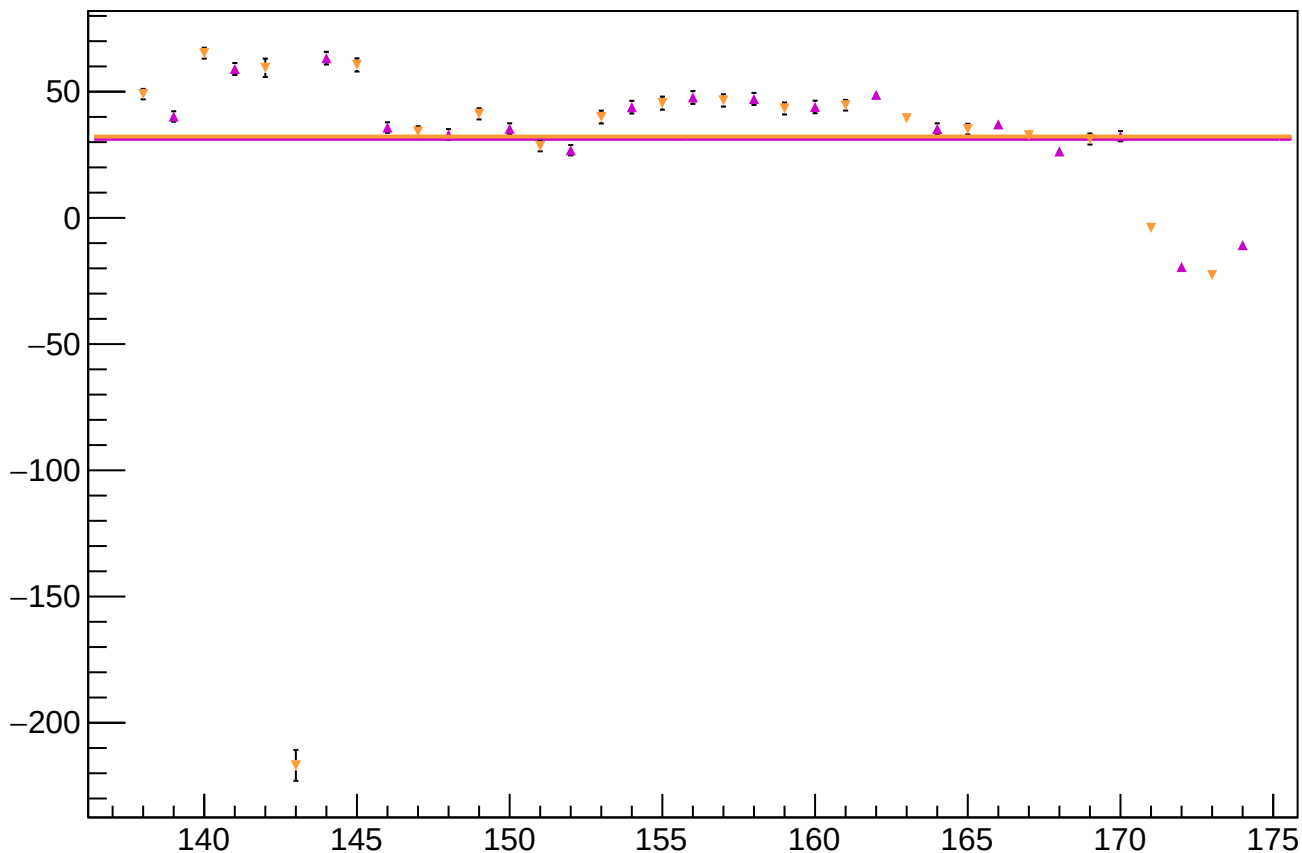
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -265.049+/-0.079 χ^2/NDF : 257466.3/34

Out: -254.865+/-0.077 χ^2/NDF : 368663.3/37

All: -259.806+/-0.055 χ^2/NDF : 634703.4/72

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 32.218 ± 0.515 χ^2/NDF : 3456.9/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 31.327 ± 0.499 χ^2/NDF : 1883.9/17

Left: 31.758 ± 0.358 χ^2/NDF : 5342.4/36

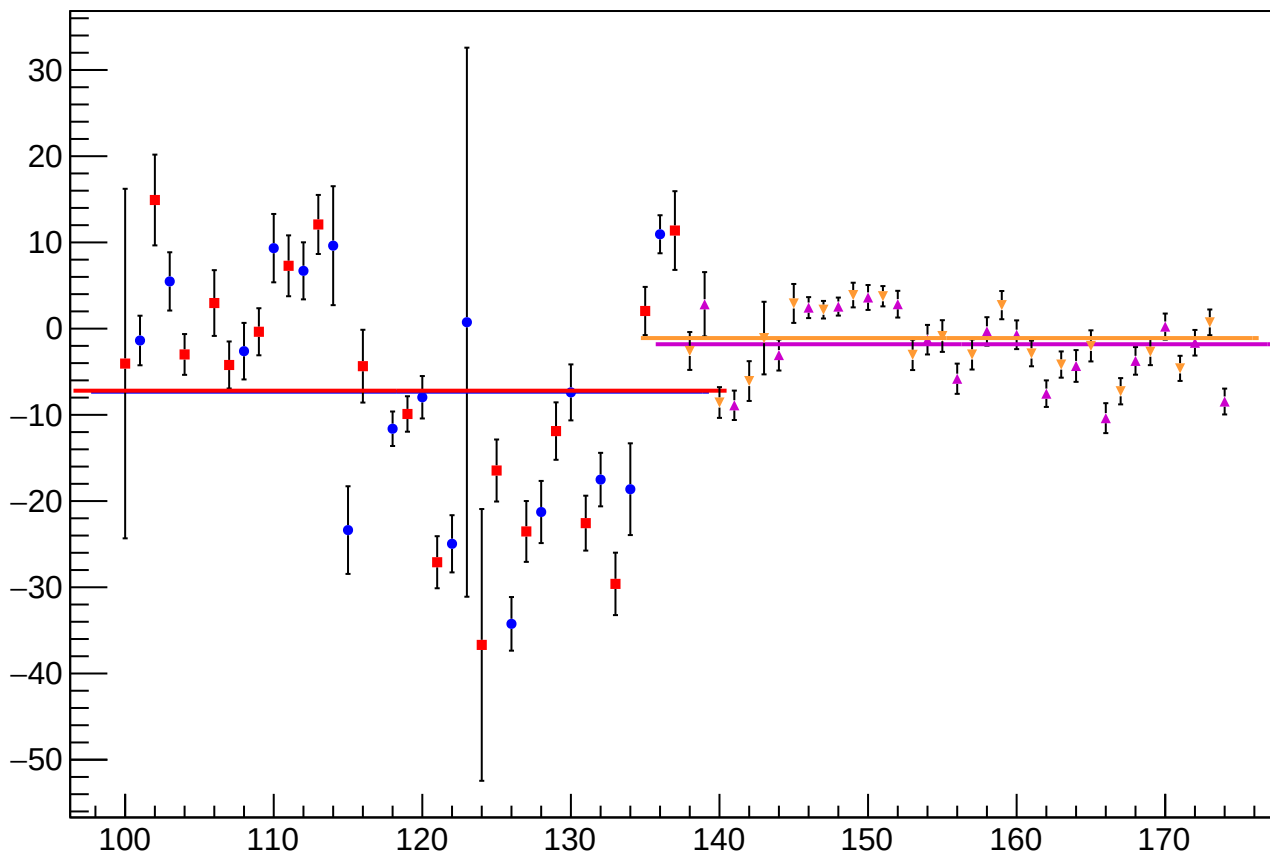
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: 31.327 ± 0.499 χ^2/NDF : 1883.9/17

Out: 32.218 ± 0.515 χ^2/NDF : 3456.9/18

All: 31.758 ± 0.358 χ^2/NDF : 5342.4/36

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: -1.095 ± 0.368 χ^2/NDF : 103.8/18

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -1.810 ± 0.368 χ^2/NDF : 141.6/17

Left: -1.452 ± 0.260 χ^2/NDF : 247.3/36

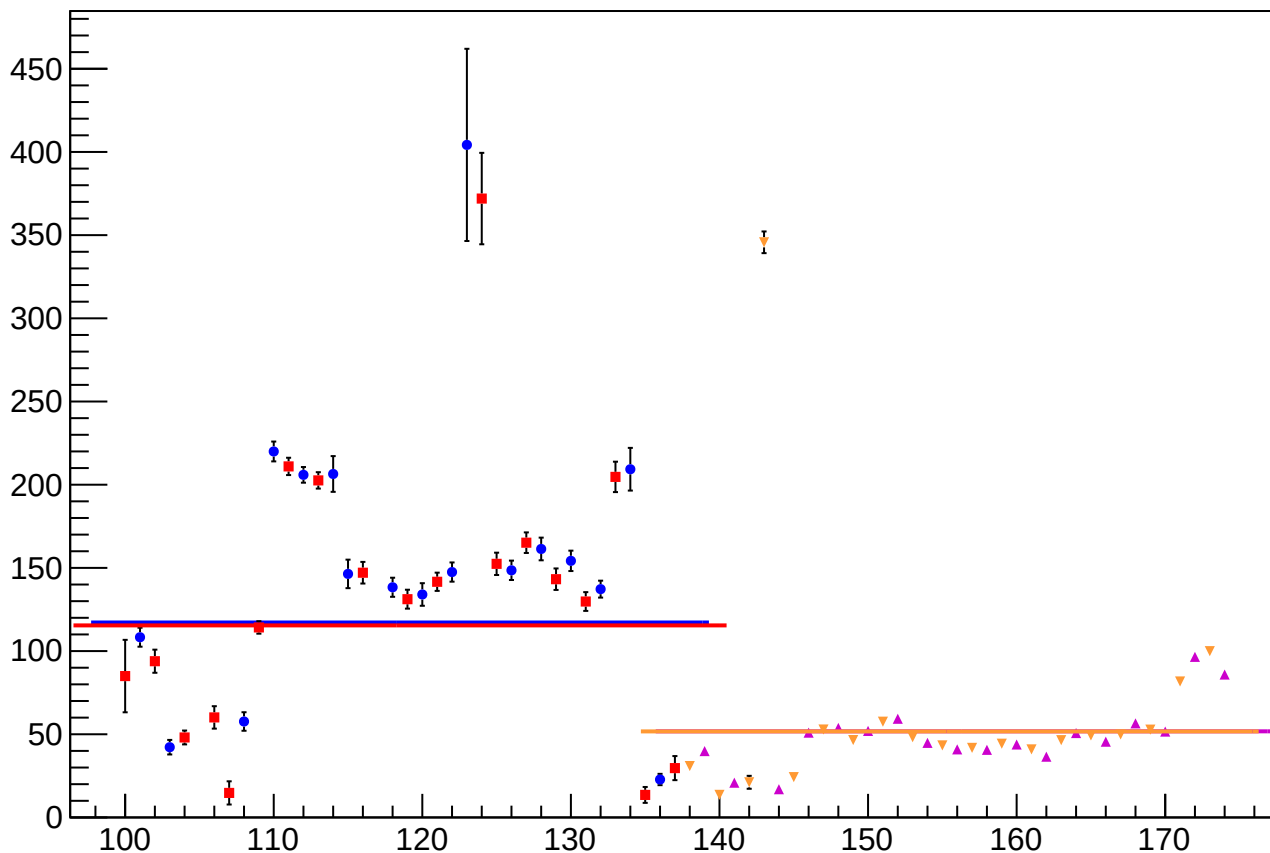
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -2.812 ± 0.333 χ^2/NDF : 461.4/34

Out: -2.248 ± 0.331 χ^2/NDF : 408.0/37

All: -2.529 ± 0.235 χ^2/NDF : 870.9/72

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: 51.721+/-0.508 χ^2/NDF : 3470.9/18

Right Out: 115.437+/-1.361 χ^2/NDF : 2151.2/18

Left In: 51.766+/-0.494 χ^2/NDF : 1376.3/17

Left: 51.744+/-0.354 χ^2/NDF : 4847.3/36

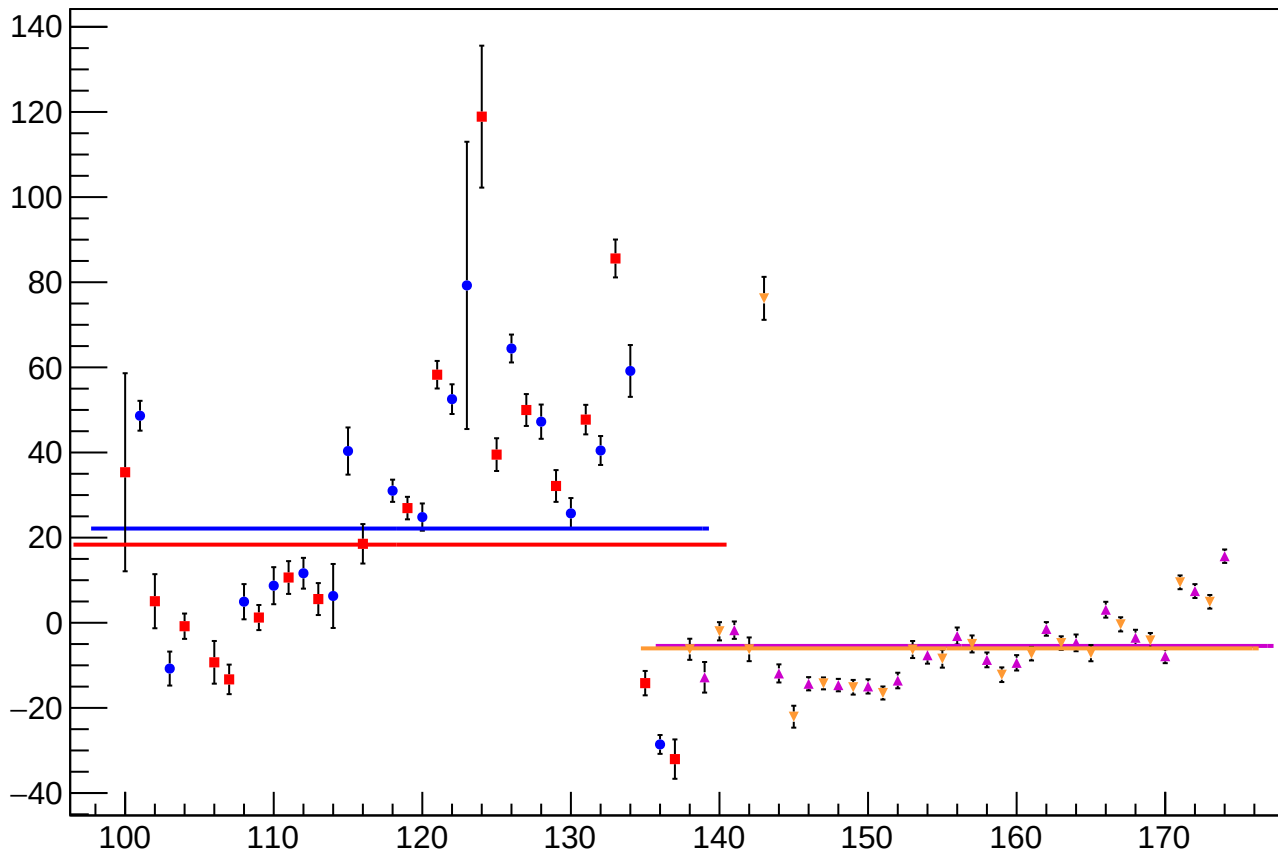
Right: 116.275+/-0.980 χ^2/NDF : 4311.6/35

In: 58.899+/-0.466 χ^2/NDF : 5449.6/34

Out: 59.520+/-0.476 χ^2/NDF : 7546.9/37

All: 59.203+/-0.333 χ^2/NDF : 12997.4/72

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -6.020 ± 0.425 $\chi^2/\text{NDF}: 584.2/18$

Right Out: 18.355 ± 0.871 $\chi^2/\text{NDF}: 1070.9/18$

Left In: -5.443 ± 0.423 $\chi^2/\text{NDF}: 422.8/17$

Left: -5.730 ± 0.300 $\chi^2/\text{NDF}: 1007.9/36$

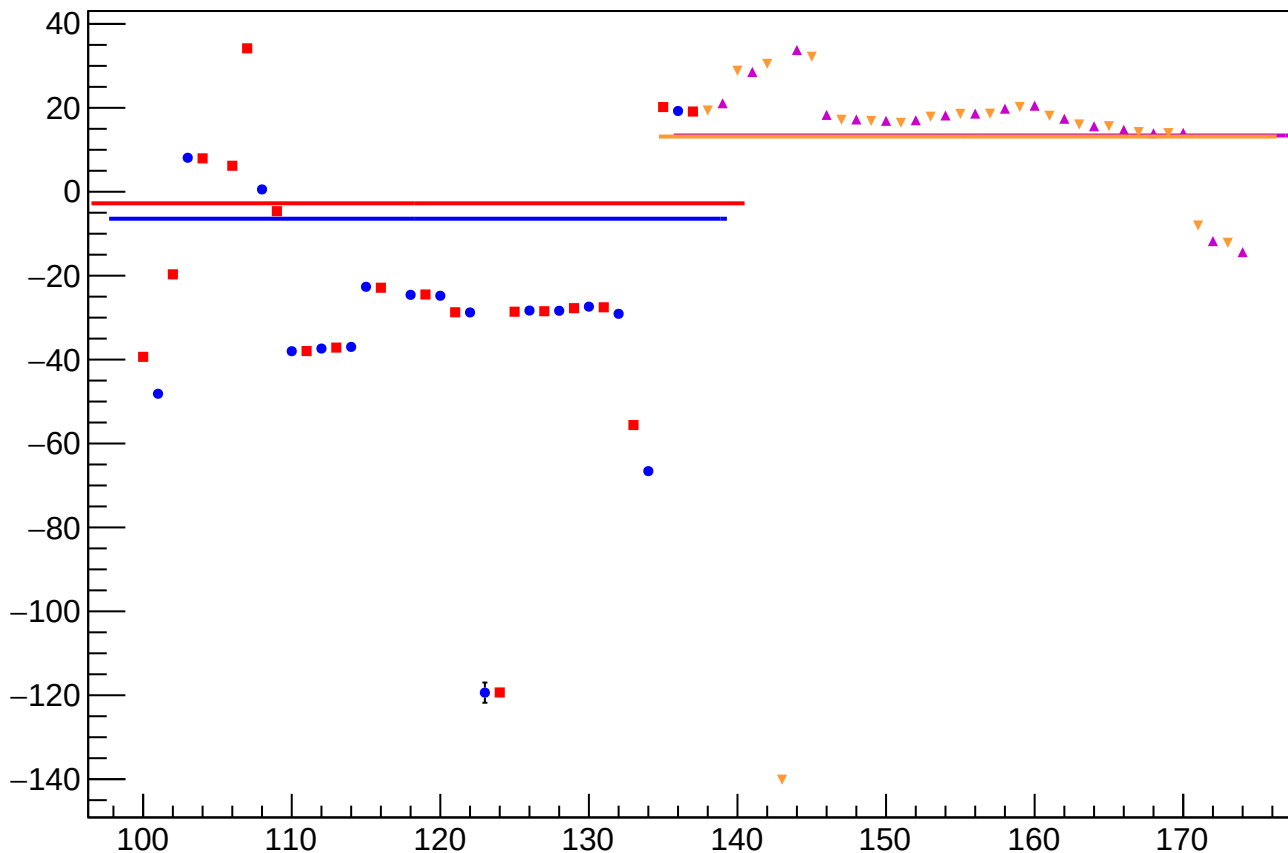
Right: 20.203 ± 0.623 $\chi^2/\text{NDF}: 2144.2/35$

In: -0.375 ± 0.382 $\chi^2/\text{NDF}: 2268.6/34$

Out: -1.344 ± 0.382 $\chi^2/\text{NDF}: 2287.4/37$

All: -0.860 ± 0.270 $\chi^2/\text{NDF}: 4559.3/72$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 13.160 $\pm$ 0.020 χ^2/NDF : 664957.0/18

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 13.406 $\pm$ 0.019 χ^2/NDF : 397836.7/17

Left: 13.287 $\pm$ 0.014 χ^2/NDF : 1062874.2/36

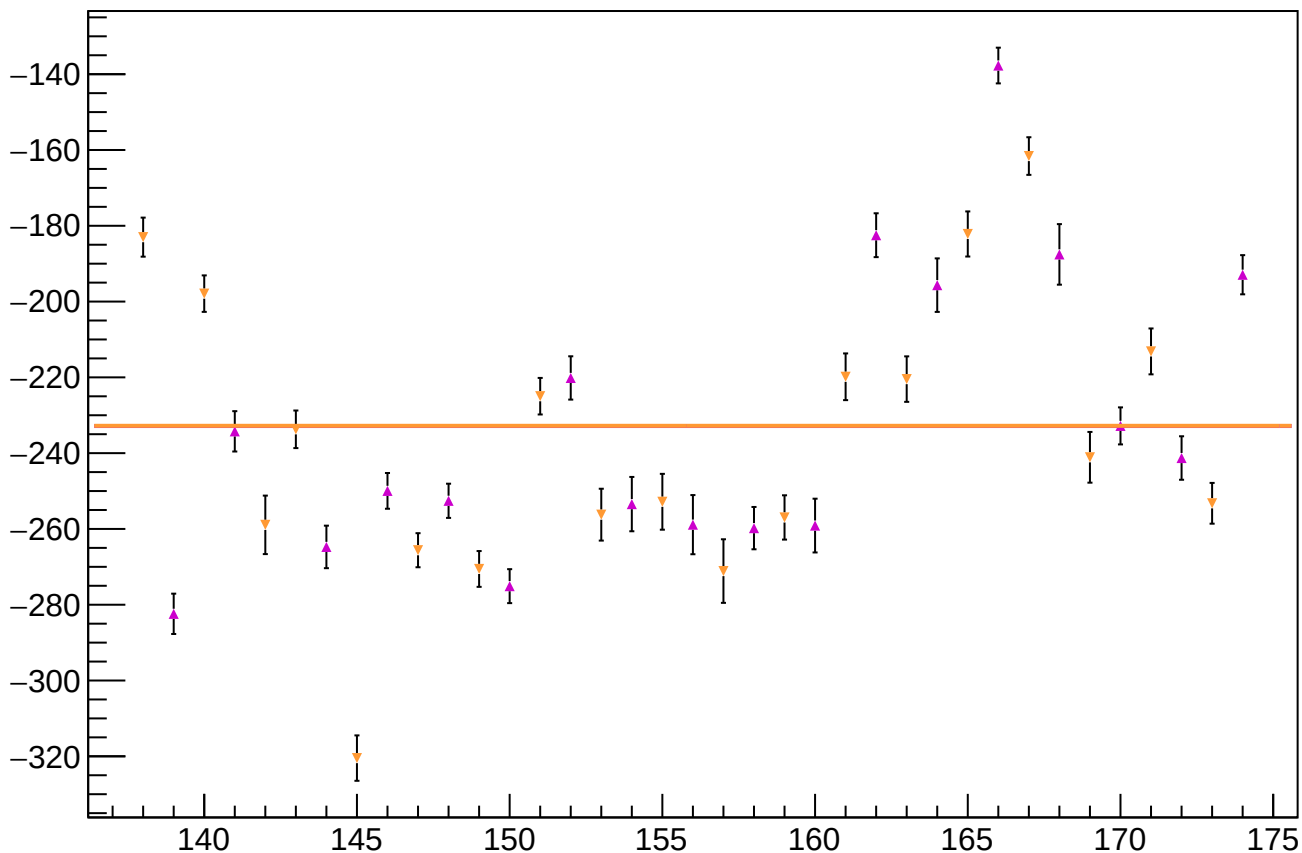
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 10.513 $\pm$ 0.018 χ^2/NDF : 820337.6/34

Out: 10.674 $\pm$ 0.018 χ^2/NDF : 1033630.9/37

All: 10.591 $\pm$ 0.013 χ^2/NDF : 1854009.2/72

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -232.783+/-1.298 χ^2/NDF :861.7/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -232.845+/-1.308 χ^2/NDF :906.3/17

Left: -232.814+/-0.921 χ^2/NDF : 1767.9/36

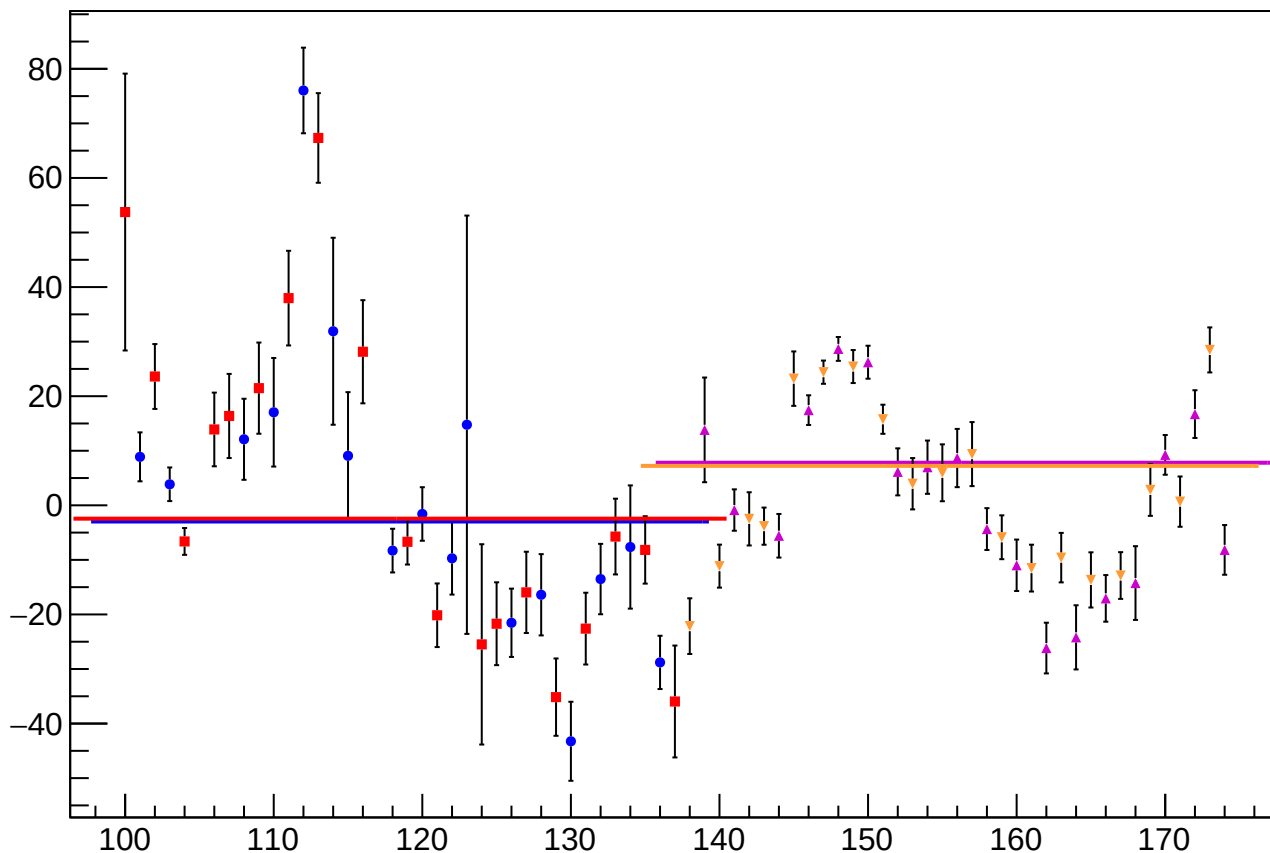
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -232.845+/-1.308 χ^2/NDF :906.3/17

Out: -232.783+/-1.298 χ^2/NDF :861.7/18

All: -232.814+/-0.921 χ^2/NDF : 1767.9/36

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 7.229 ± 0.890 χ^2/NDF : 303.7/18

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 7.806 ± 0.925 χ^2/NDF : 328.0/17

Left: 7.507 ± 0.642 χ^2/NDF : 631.9/36

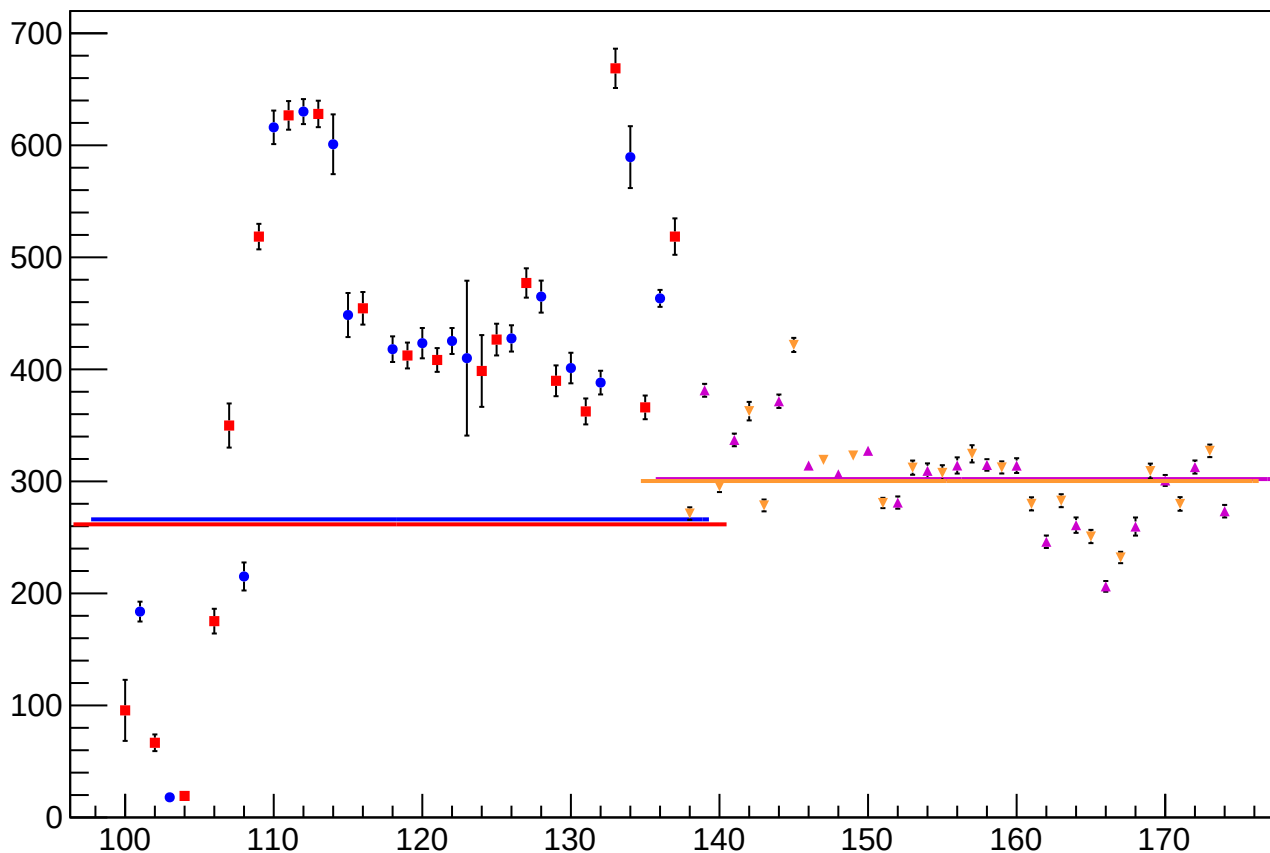
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: 4.699 ± 0.780 χ^2/NDF : 570.6/34

Out: 4.433 ± 0.751 χ^2/NDF : 553.2/37

All: 4.561 ± 0.541 χ^2/NDF : 1123.9/72

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 266.111 $\pm$ 2.480 χ^2 /NDF: 7644.0/16

Left Out: 300.328 $\pm$ 1.286 χ^2 /NDF:866.9/18

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 302.057 $\pm$ 1.289 χ^2 /NDF:1025.6/17

Left: 301.190 $\pm$ 0.910 χ^2 /NDF: 1893.4/36

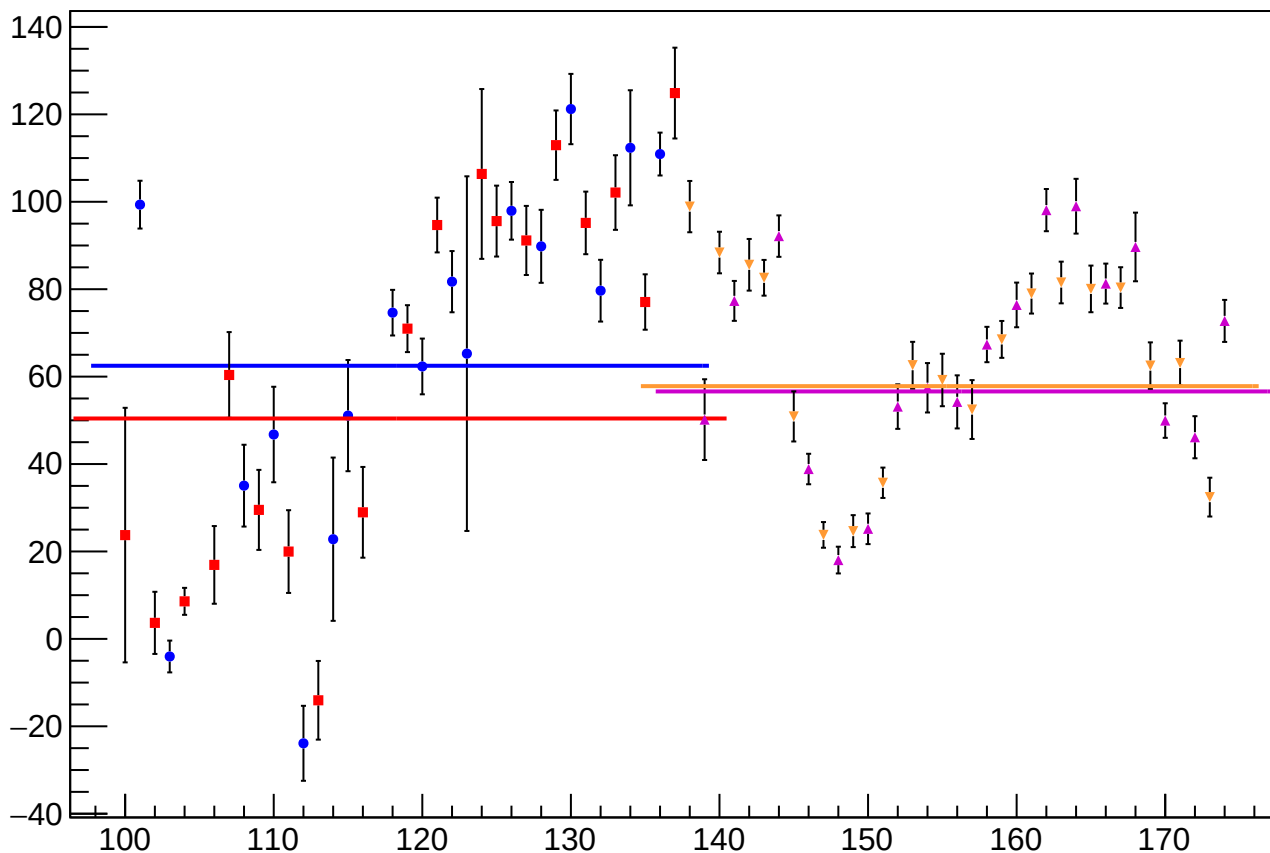
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 294.409 $\pm$ 1.144 χ^2 /NDF:8835.0/34

Out: 292.011 $\pm$ 1.139 χ^2 /NDF:9271.0/37

All: 293.205 $\pm$ 0.807 χ^2 /NDF: 18108.2/72

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: 57.822 $\pm$ 1.052 χ^2 /NDF:537.1/18

Right Out: 50.421 $\pm$ 1.642 χ^2 /NDF: 651.4/18

Left In: 56.610 $\pm$ 1.082 χ^2 /NDF:550.3/17

Left: 57.233 $\pm$ 0.754 χ^2 /NDF: 1088.0/36

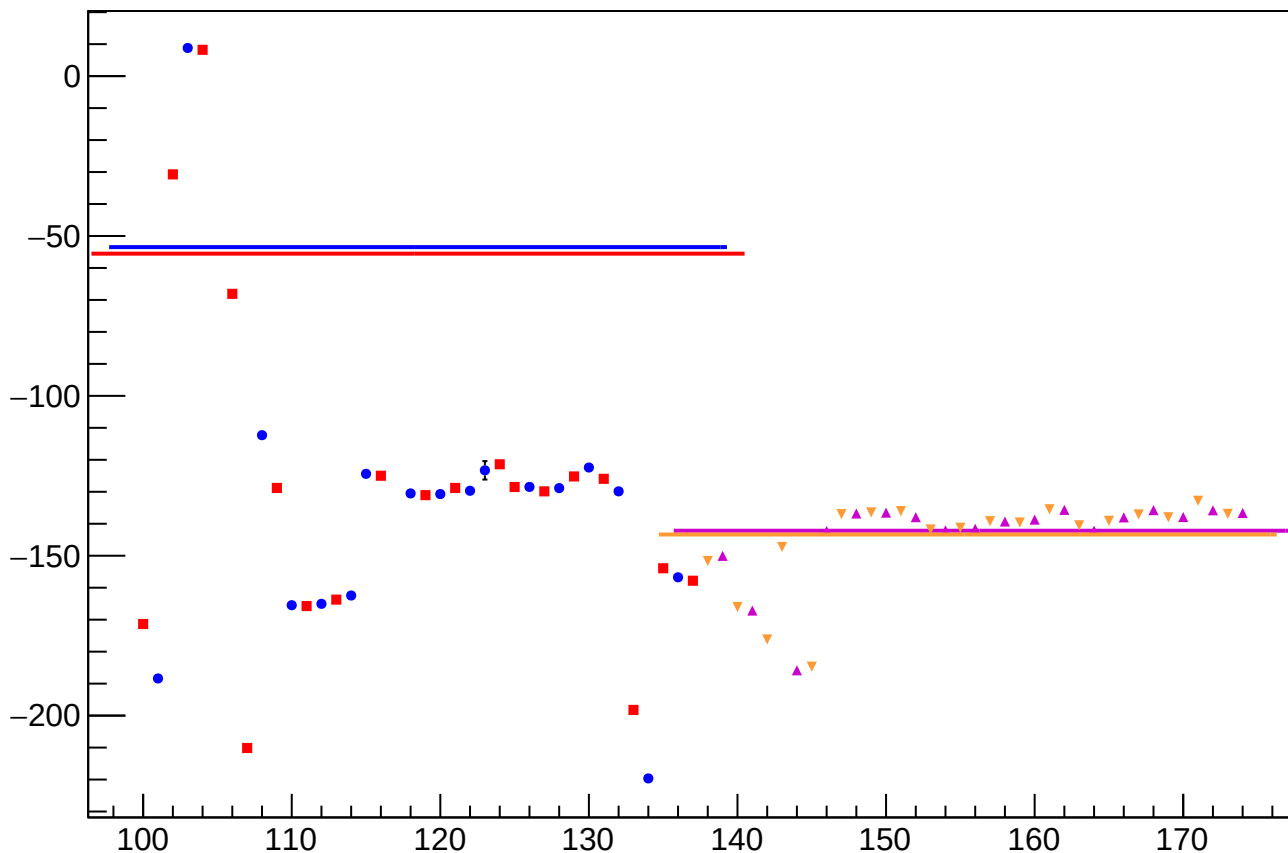
Right: 56.311 $\pm$ 1.174 χ^2 /NDF: 1398.6/35

In: 58.332 $\pm$ 0.910 χ^2 /NDF:1279.7/34

Out: 55.668 $\pm$ 0.886 χ^2 /NDF:1202.9/37

All: 56.964 $\pm$ 0.635 χ^2 /NDF: 2487.0/72

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2 /NDF: 1228730.5/16

Left Out: -143.363 $\pm$ 0.051 χ^2 /NDF: 60385.4/18

Right Out: -55.523 $\pm$ 0.072 χ^2 /NDF: 969818.3/18

Left In: -142.185 $\pm$ 0.051 χ^2 /NDF: 47622.4/17

Left: -142.771 $\pm$ 0.036 χ^2 /NDF: 108276.2/36

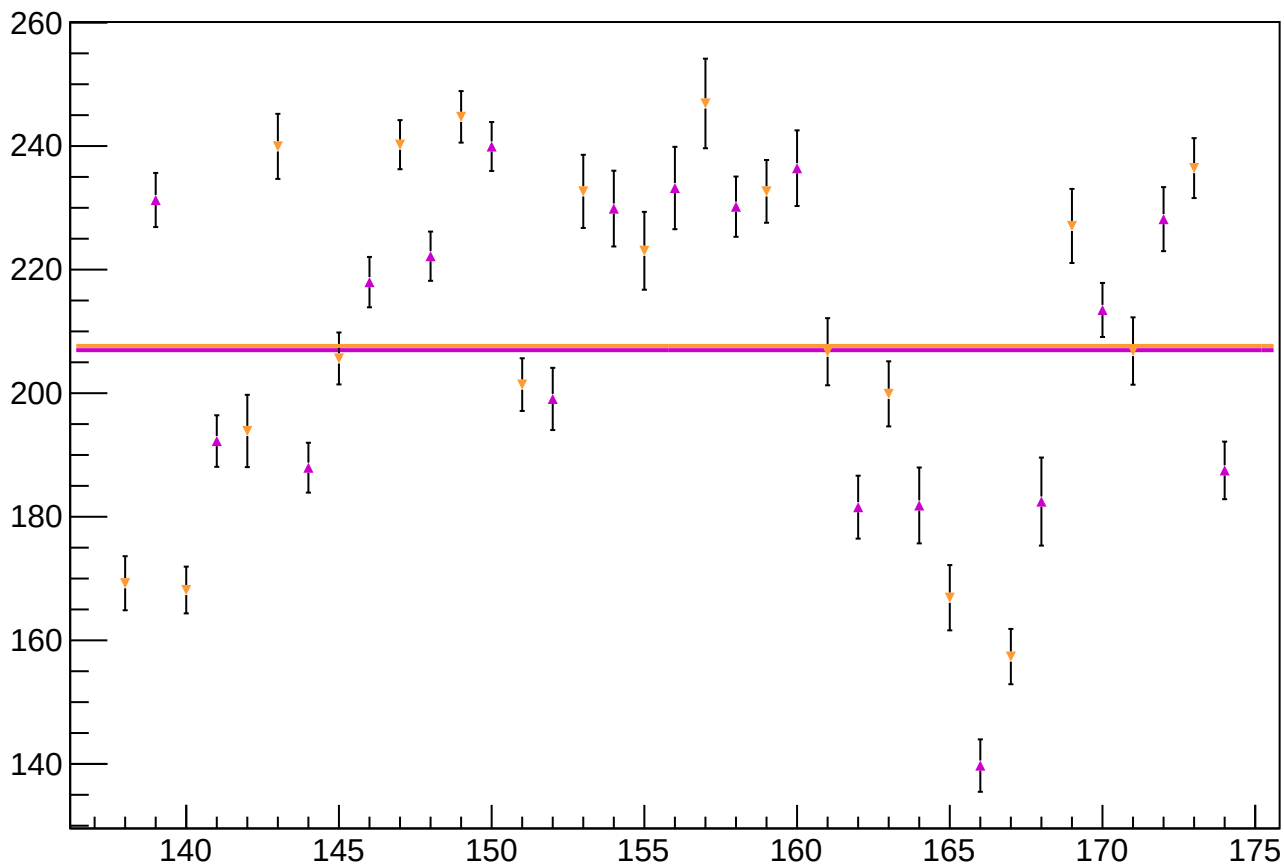
Right: -54.479 $\pm$ 0.050 χ^2 /NDF: 2198961.2/35

In: -111.836 $\pm$ 0.041 χ^2 /NDF: 2323473.7/34

Out: -114.001 $\pm$ 0.042 χ^2 /NDF: 2024040.0/37

All: -112.907 $\pm$ 0.029 χ^2 /NDF: 4348884.2/72

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.653+/-1.124 χ^2/NDF : 688.8/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 206.962+/-1.124 χ^2/NDF : 575.4/17

Left: 207.308+/-0.795 χ^2/NDF : 1264.4/36

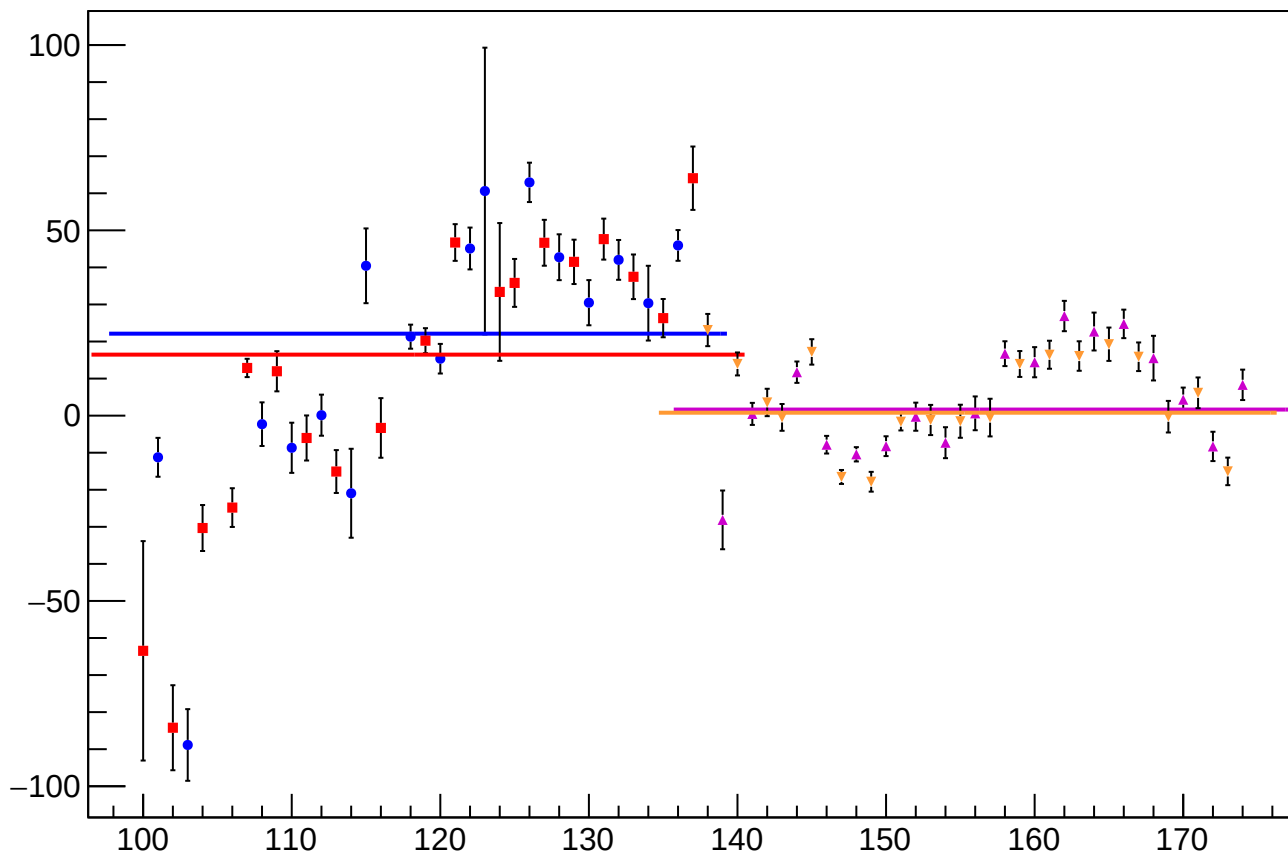
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 206.962+/-1.124 χ^2/NDF : 575.4/17

Out: 207.653+/-1.124 χ^2/NDF : 688.8/18

All: 207.308+/-0.795 χ^2/NDF : 1264.4/36

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: 0.793+/-0.776 χ^2/NDF :300.9/18

Right Out: 16.464+/-1.228 χ^2/NDF : 424.1/18

Left In: 1.641+/-0.798 χ^2/NDF :236.3/17

Left: 1.205+/-0.556 χ^2/NDF : 537.8/36

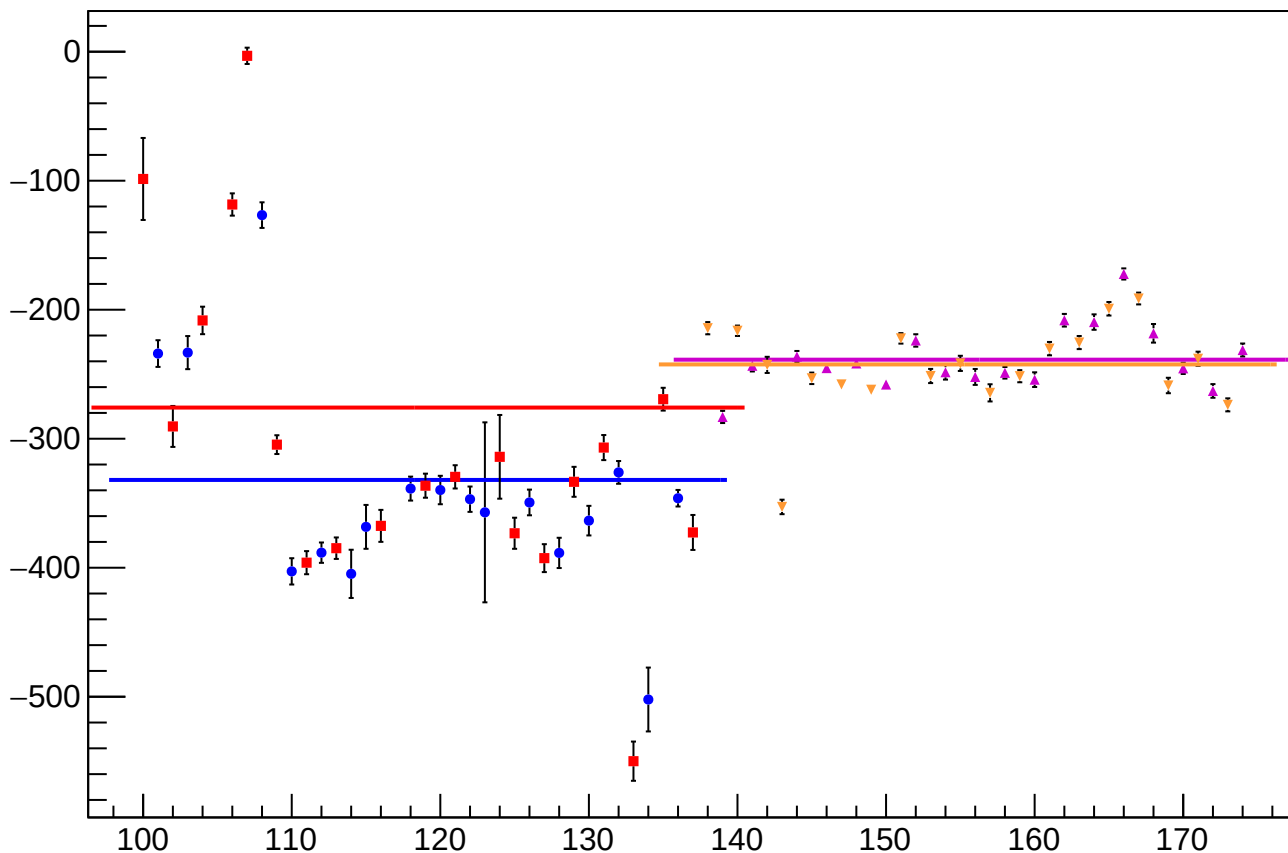
Right: 18.970+/-0.916 χ^2/NDF : 815.5/35

In: 6.794+/-0.690 χ^2/NDF :783.9/34

Out: 5.266+/-0.656 χ^2/NDF :841.4/37

All: 5.991+/-0.476 χ^2/NDF : 1627.9/72

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -242.406 $\pm$ 1.116 χ^2 /NDF:809.7/18

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -238.731 $\pm$ 1.112 χ^2 /NDF:482.0/17

Left: -240.561 $\pm$ 0.788 χ^2 /NDF: 1297.1/36

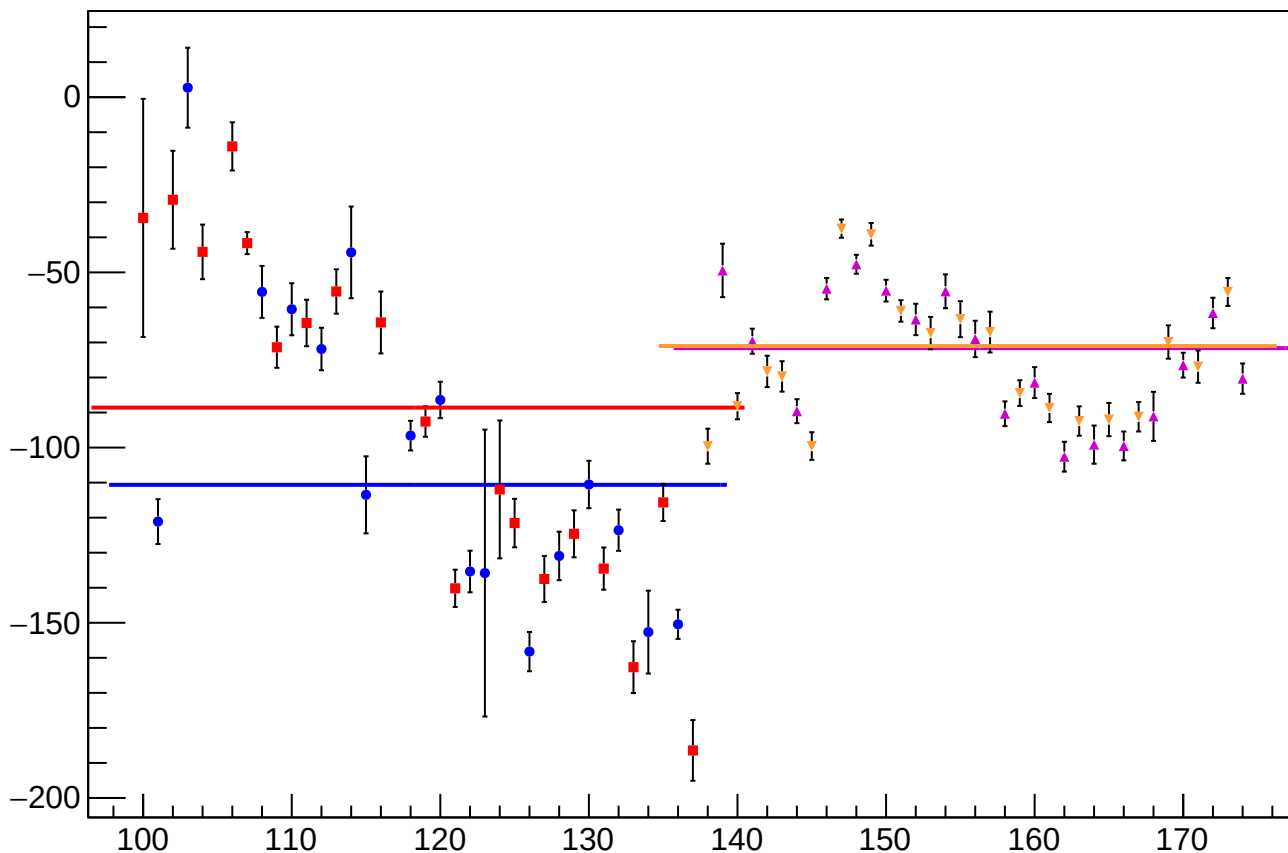
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -253.453 $\pm$ 1.020 χ^2 /NDF:2377.9/34

Out: -248.680 $\pm$ 1.006 χ^2 /NDF:4339.7/37

All: -251.033 $\pm$ 0.716 χ^2 /NDF: 6728.7/72

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633+/-1.581 χ^2/NDF : 508.9/16

Left Out: -71.024+/-0.916 χ^2/NDF : 508.8/18

Right Out: -88.586+/-1.433 χ^2/NDF : 966.5/18

Left In: -71.621+/-0.934 χ^2/NDF : 365.5/17

Left: -71.316+/-0.654 χ^2/NDF : 874.5/36

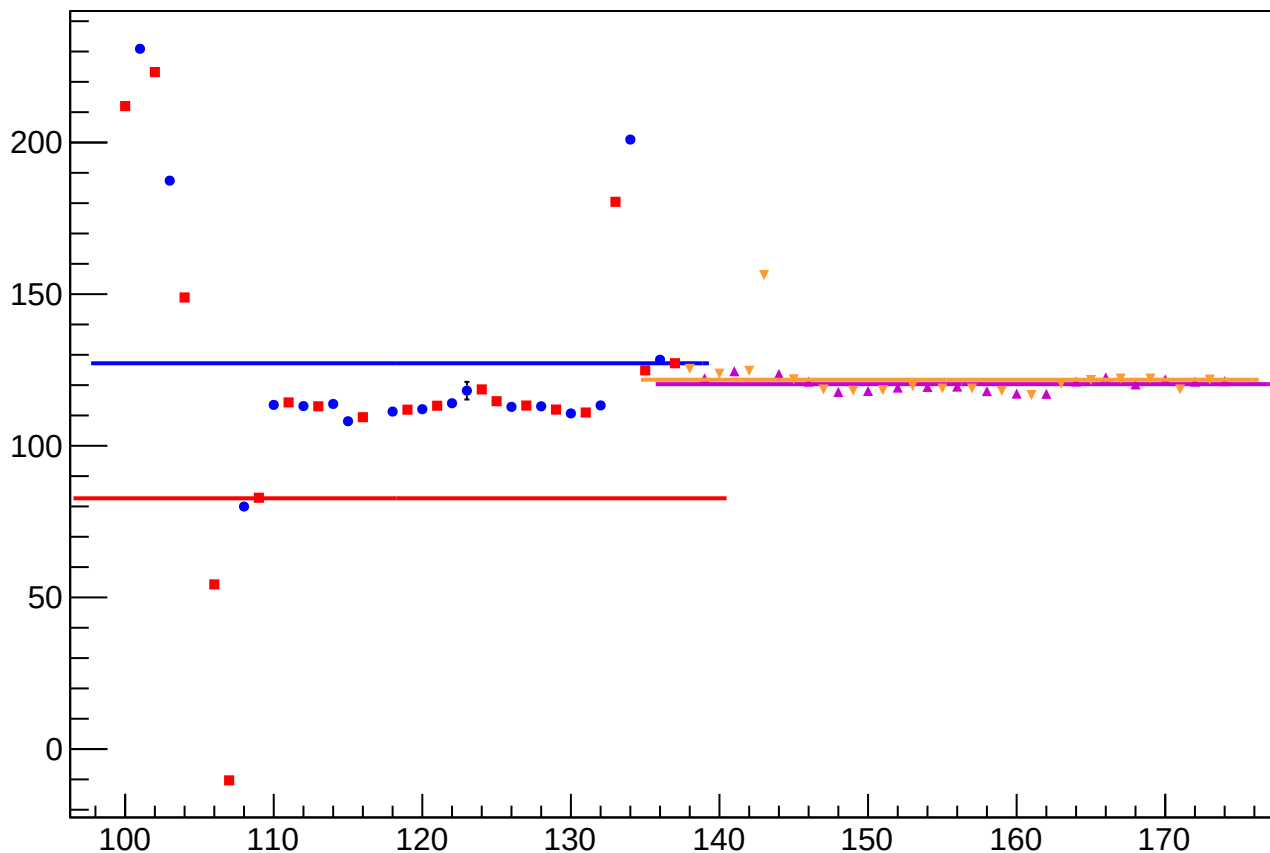
Right: -98.530+/-1.062 χ^2/NDF : 1582.1/35

In: -81.717+/-0.804 χ^2/NDF : 1325.6/34

Out: -76.119+/-0.772 χ^2/NDF : 1581.9/37

All: -78.803+/-0.557 χ^2/NDF : 2932.7/72

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 121.784 $\pm$ 0.044 χ^2 /NDF: 27034.0/18

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 120.327 $\pm$ 0.044 χ^2 /NDF: 2558.8/17

Left: 121.048 $\pm$ 0.031 χ^2 /NDF: 30140.9/36

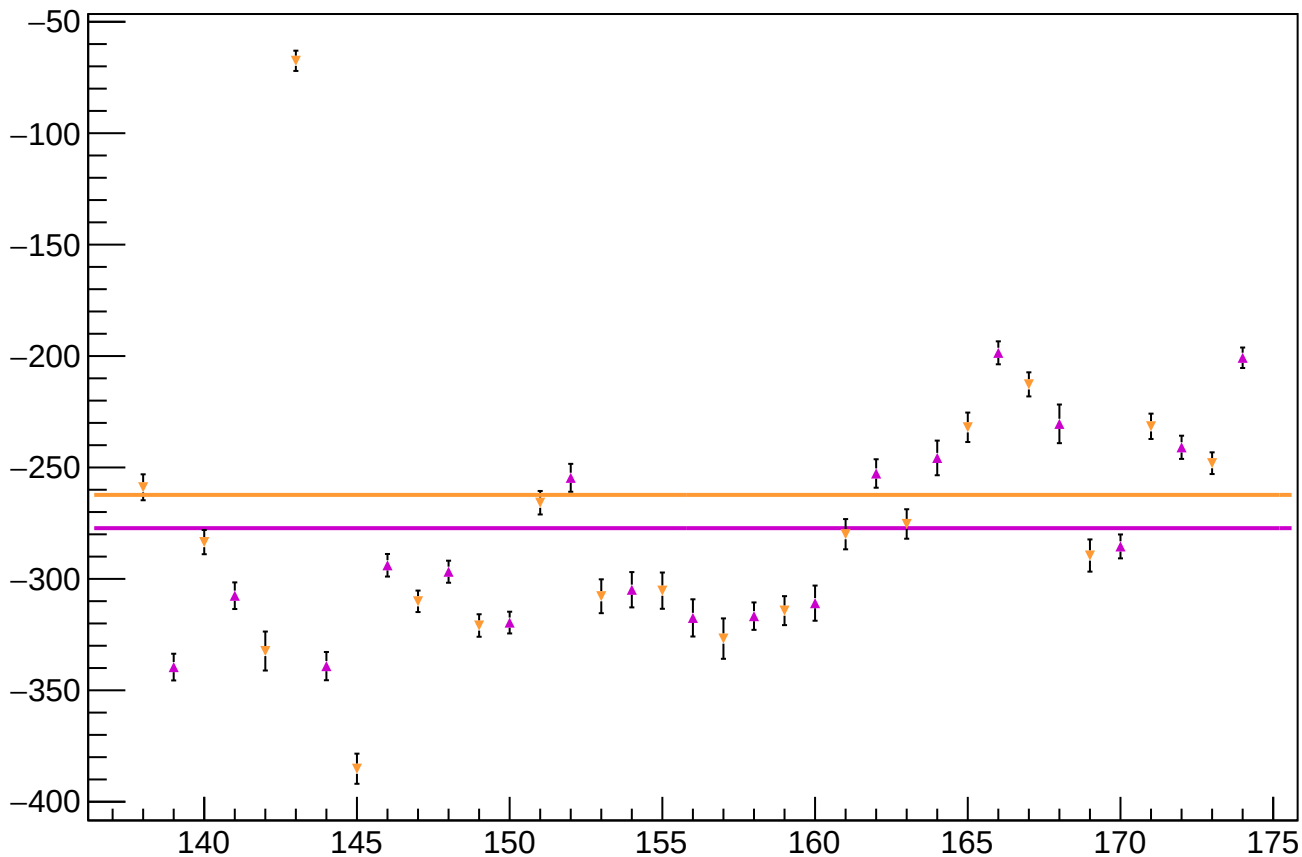
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 121.664 $\pm$ 0.039 χ^2 /NDF: 195381.9/34

Out: 111.749 $\pm$ 0.038 χ^2 /NDF: 993191.4/37

All: 116.559 $\pm$ 0.027 χ^2 /NDF: 1221351.2/72

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -262.306 ± 1.378 $\chi^2/\text{NDF}: 2822.3/18$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -277.234 ± 1.398 $\chi^2/\text{NDF}: 1059.7/17$

Left: -269.660 ± 0.981 $\chi^2/\text{NDF}: 3939.8/36$

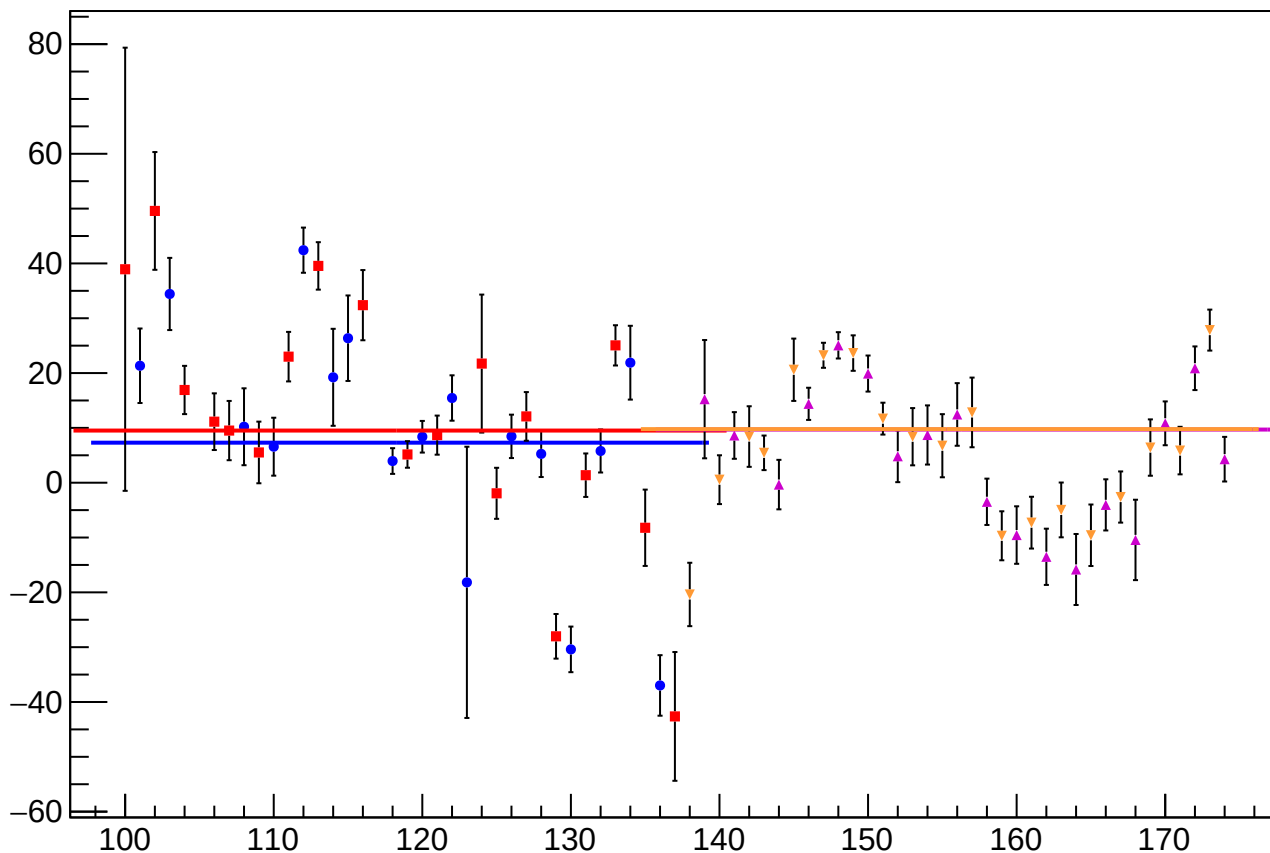
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -277.234 ± 1.398 $\chi^2/\text{NDF}: 1059.7/17$

Out: -262.306 ± 1.378 $\chi^2/\text{NDF}: 2822.3/18$

All: -269.660 ± 0.981 $\chi^2/\text{NDF}: 3939.8/36$

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 χ^2/NDF : 260.6/16

Left Out: 9.775 ± 0.946 χ^2/NDF : 175.5/18

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 9.694 ± 0.995 χ^2/NDF : 144.9/17

Left: 9.736 ± 0.686 χ^2/NDF : 320.4/36

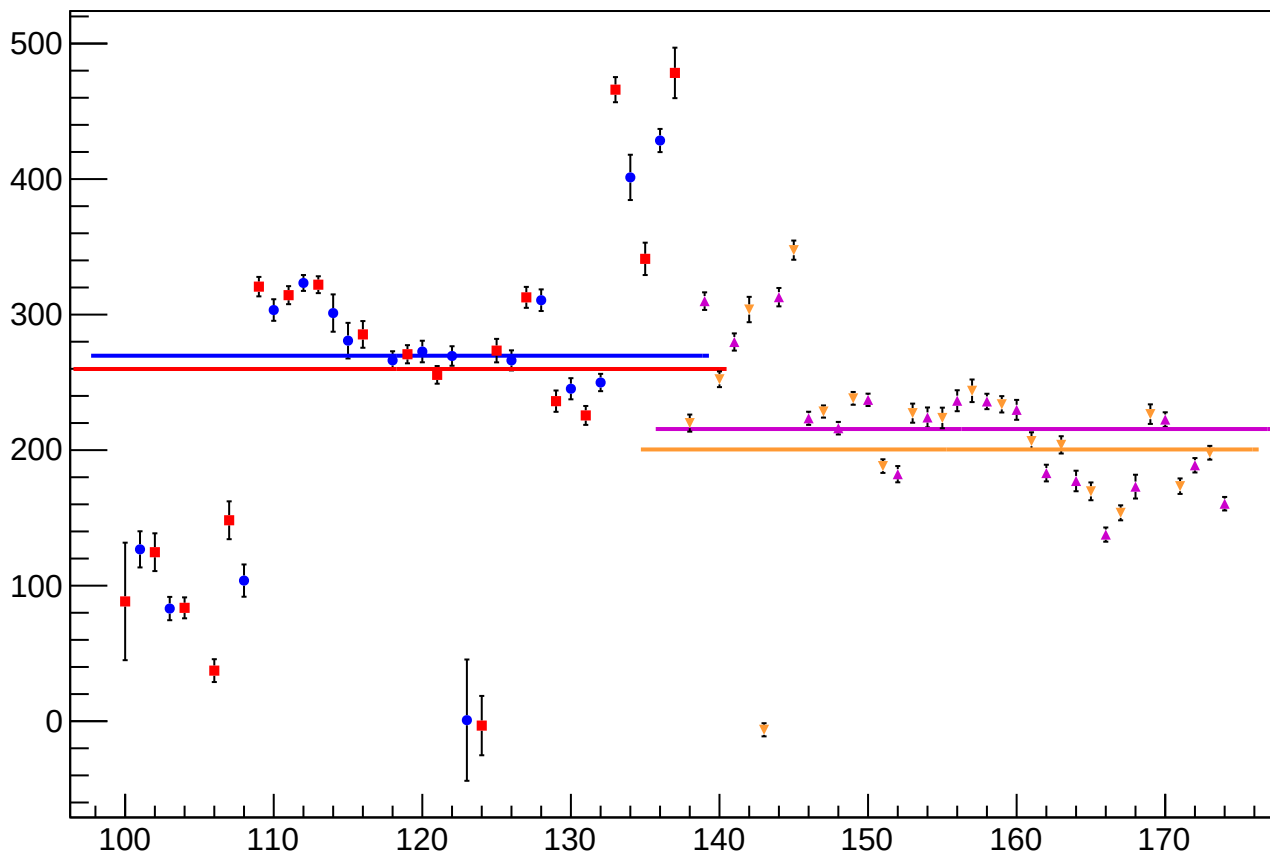
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 8.602 ± 0.734 χ^2/NDF : 408.2/34

Out: 9.660 ± 0.710 χ^2/NDF : 407.2/37

All: 9.149 ± 0.510 χ^2/NDF : 816.4/72

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 200.495 $\pm$ 1.367 χ^2 /NDF:2779.1/18

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 215.574 $\pm$ 1.383 χ^2 /NDF:1046.4/17

Left: 207.952 $\pm$ 0.972 χ^2 /NDF: 3885.6/36

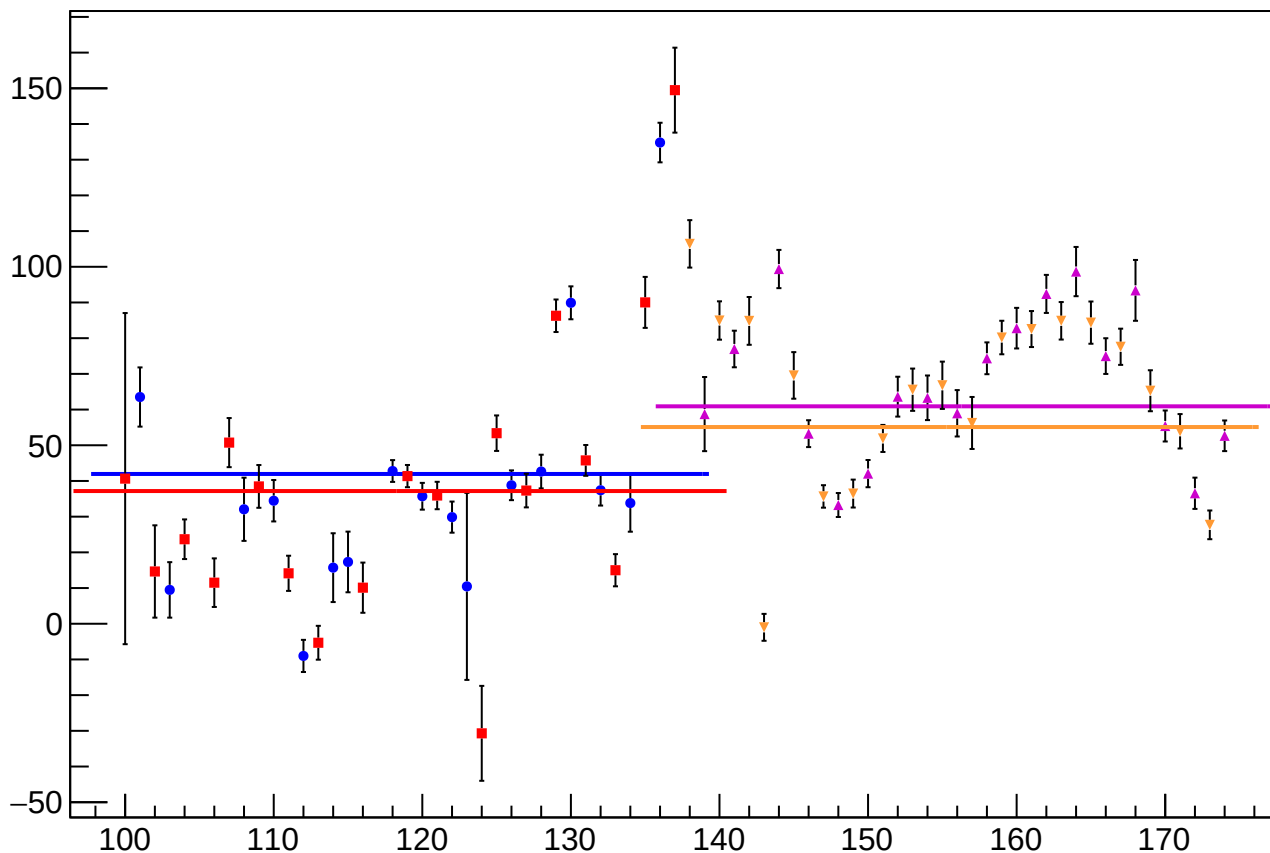
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 232.193 $\pm$ 1.151 χ^2 /NDF:2893.3/34

Out: 219.713 $\pm$ 1.125 χ^2 /NDF:5932.9/37

All: 225.809 $\pm$ 0.804 χ^2 /NDF: 8886.3/72

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 55.107 $\pm$ 1.116 χ^2 /NDF: 588.5/18

Right Out: 37.174 $\pm$ 1.236 χ^2 /NDF: 470.9/18

Left In: 60.910 $\pm$ 1.161 χ^2 /NDF: 305.7/17

Left: 57.895 $\pm$ 0.804 χ^2 /NDF: 907.3/36

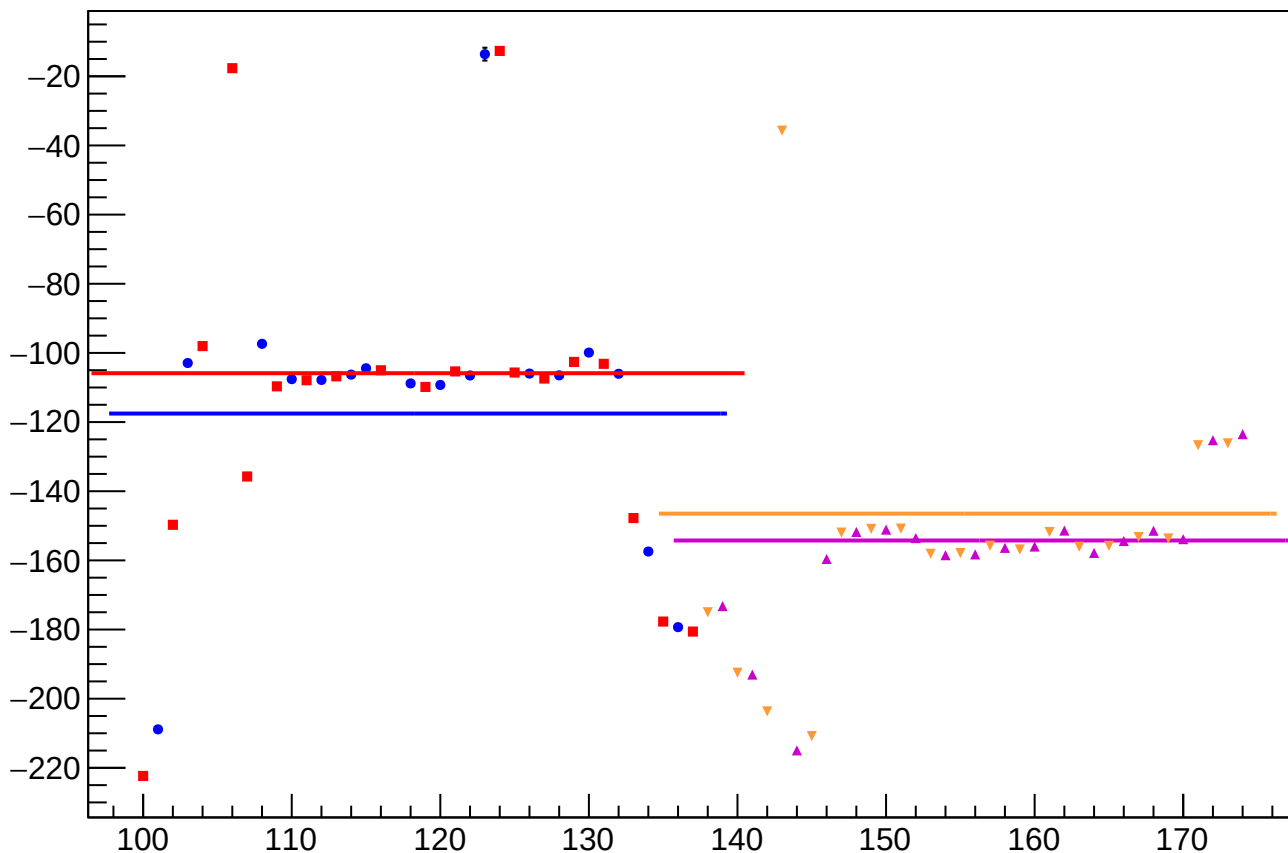
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/35

In: 52.198 $\pm$ 0.853 χ^2 /NDF: 1002.5/34

Out: 47.051 $\pm$ 0.828 χ^2 /NDF: 1175.4/37

All: 49.548 $\pm$ 0.594 χ^2 /NDF: 2196.7/72

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: -146.480+/-0.054 χ^2/NDF : 480331.5/18

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -154.249+/-0.054 χ^2/NDF : 125404.4/17

Left: -150.353+/-0.038 χ^2/NDF : 616053.6/36

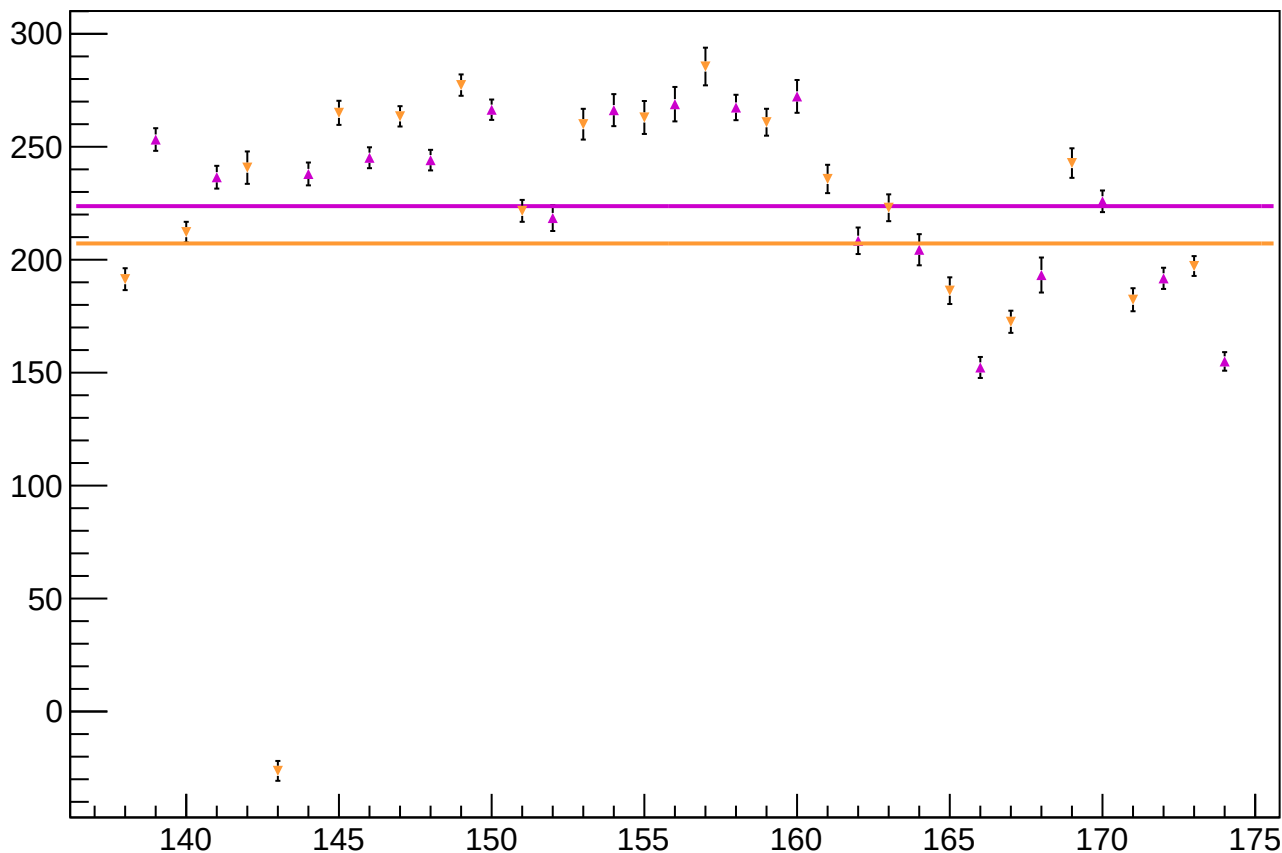
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -142.330+/-0.045 χ^2/NDF : 416613.7/34

Out: -132.058+/-0.043 χ^2/NDF : 1005480.7/37

All: -137.060+/-0.031 χ^2/NDF : 1449416.6/72

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.198+/-1.237 χ^2/NDF : 3795.1/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 223.720+/-1.249 χ^2/NDF : 949.2/17

Left: 215.379+/-0.879 χ^2/NDF : 4832.7/36

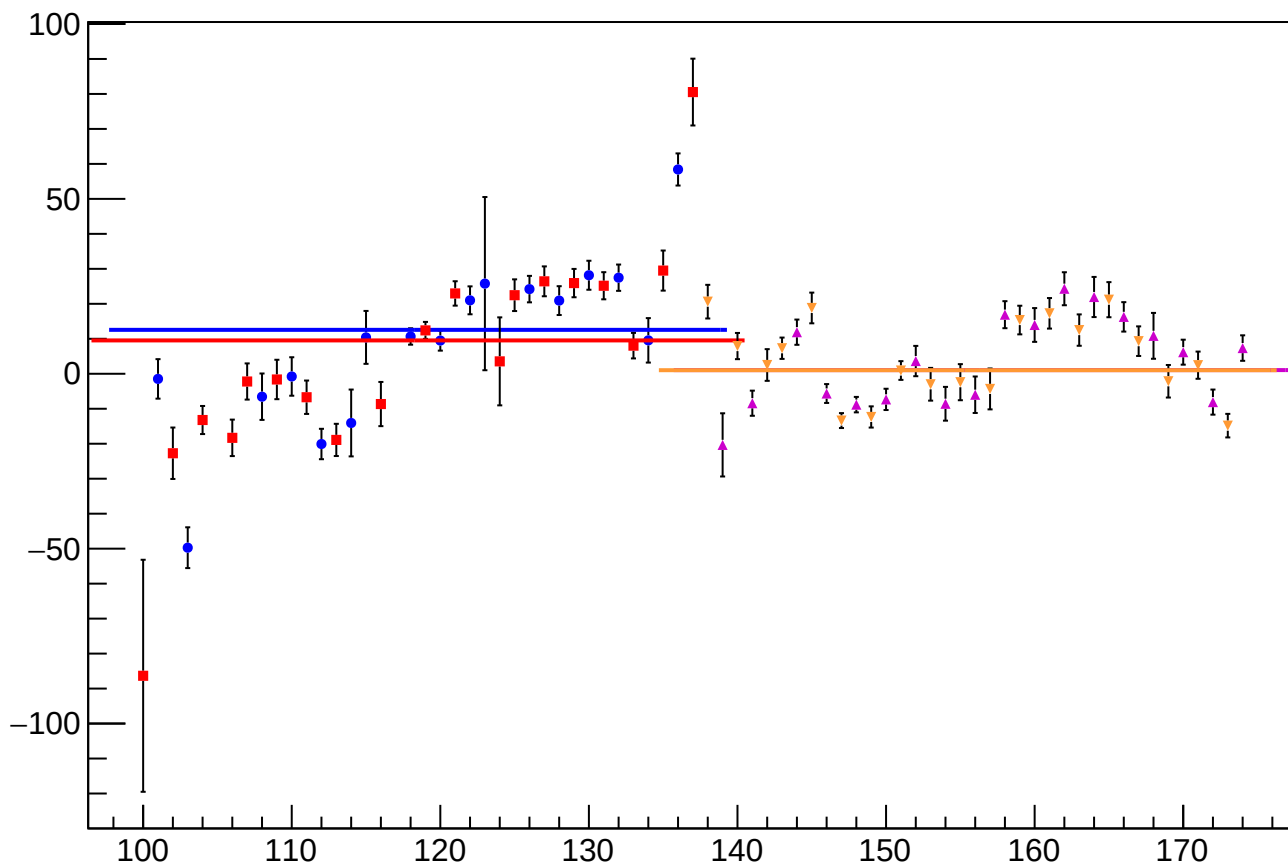
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 223.720+/-1.249 χ^2/NDF : 949.2/17

Out: 207.198+/-1.237 χ^2/NDF : 3795.1/18

All: 215.379+/-0.879 χ^2/NDF : 4832.7/36

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: 1.020 ± 0.857 $\chi^2/\text{NDF}: 183.3/18$

Right Out: 9.535 ± 1.049 $\chi^2/\text{NDF}: 295.8/18$

Left In: 1.051 ± 0.896 $\chi^2/\text{NDF}: 149.8/17$

Left: 1.035 ± 0.619 $\chi^2/\text{NDF}: 333.1/36$

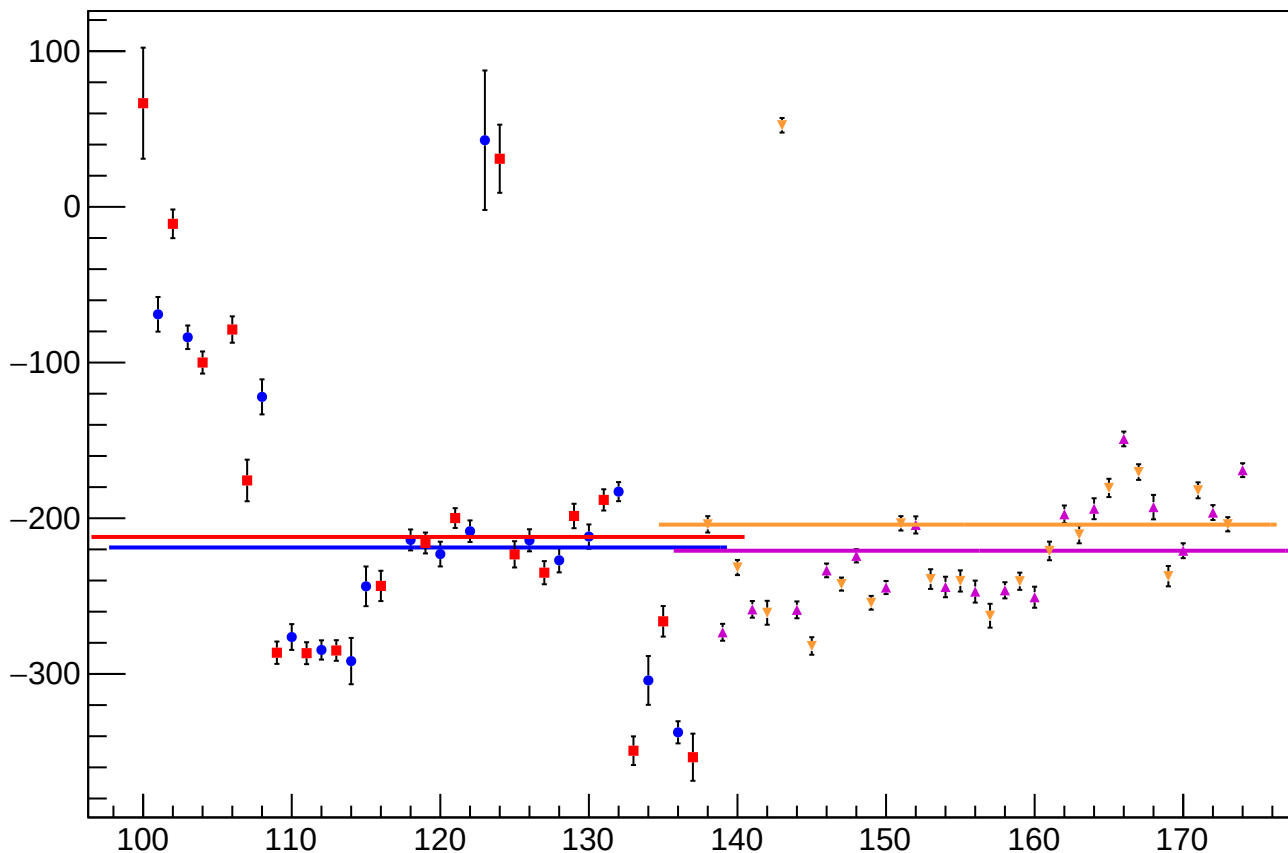
Right: 11.035 ± 0.745 $\chi^2/\text{NDF}: 648.5/35$

In: 5.859 ± 0.683 $\chi^2/\text{NDF}: 567.4/34$

Out: 4.429 ± 0.664 $\chi^2/\text{NDF}: 518.7/37$

All: 5.123 ± 0.476 $\chi^2/\text{NDF}: 1088.3/72$

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: -204.095 ± 1.231 χ^2/NDF : 3757.5/18

Right Out: -212.004 ± 1.923 χ^2/NDF : 1885.7/18

Left In: -220.860 ± 1.239 χ^2/NDF : 747.5/17

Left: -212.427 ± 0.873 χ^2/NDF : 4597.2/36

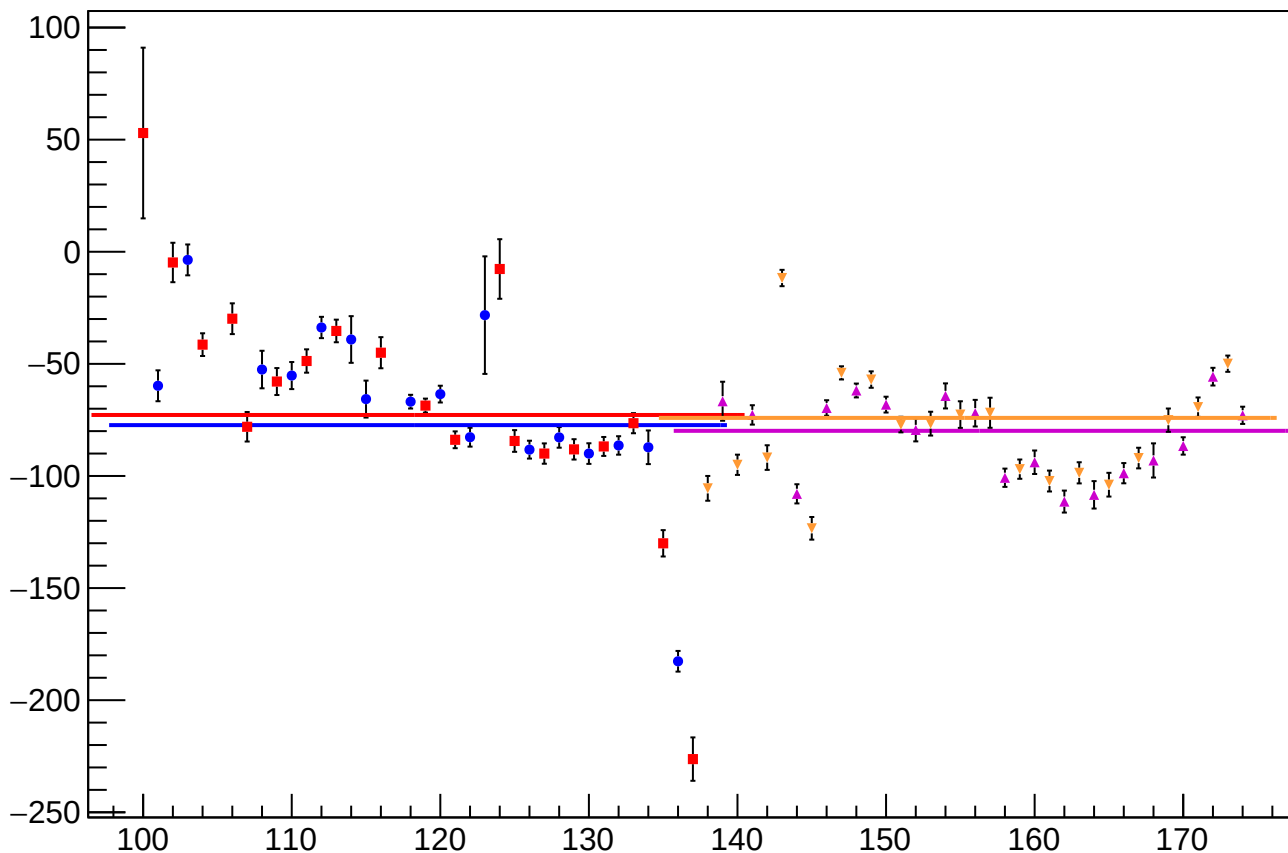
Right: -215.238 ± 1.390 χ^2/NDF : 3036.0/35

In: -220.285 ± 1.055 χ^2/NDF : 1892.7/34

Out: -206.394 ± 1.037 χ^2/NDF : 5655.2/37

All: -213.222 ± 0.739 χ^2/NDF : 7636.1/72

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -74.097 ± 1.009 χ^2/NDF : 706.5/18

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -79.865 ± 1.043 χ^2/NDF : 272.4/17

Left: -76.884 ± 0.725 χ^2/NDF : 994.7/36

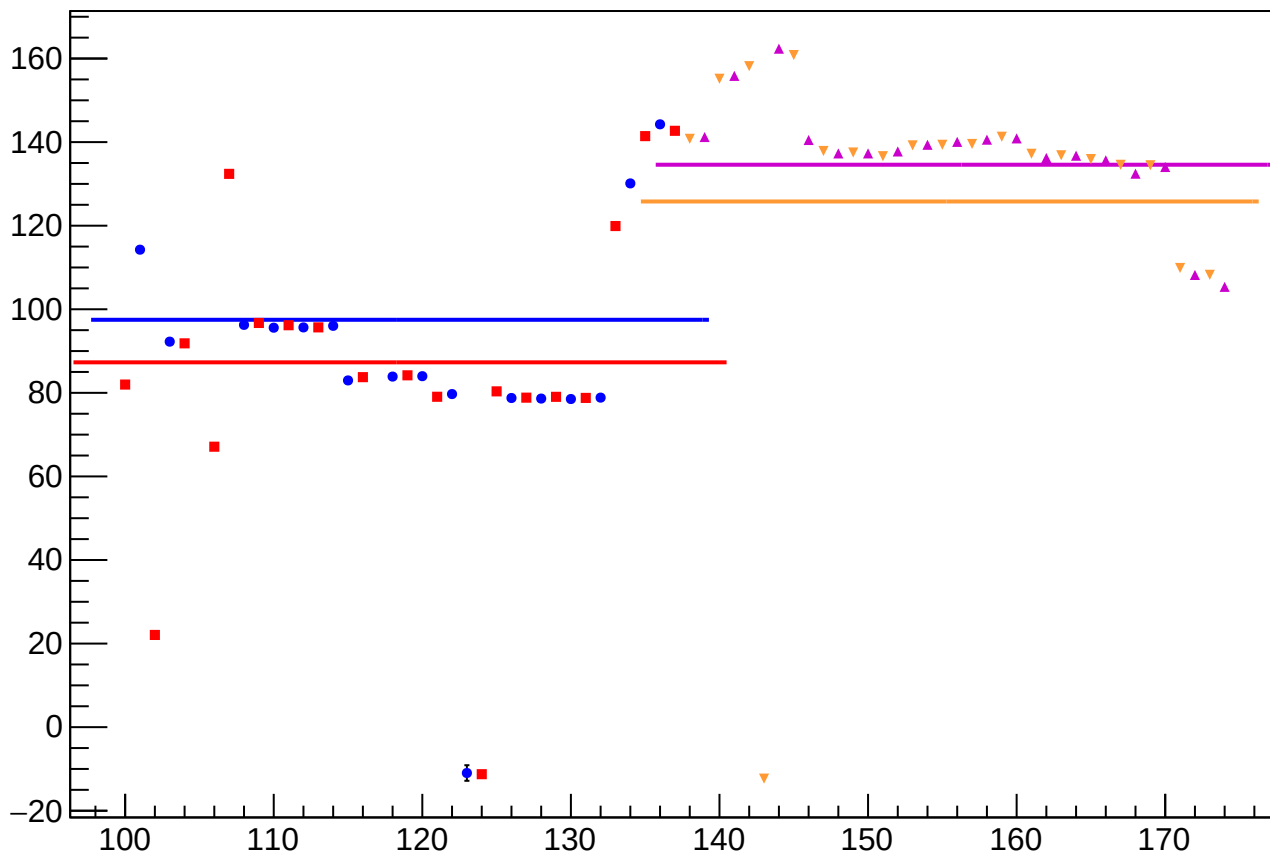
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -78.792 ± 0.793 χ^2/NDF : 1092.6/34

Out: -73.562 ± 0.774 χ^2/NDF : 1378.9/37

All: -76.112 ± 0.554 χ^2/NDF : 2493.8/72

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 97.483+/-0.073 χ^2 /NDF: 94392.9/16

Left Out: 125.794+/-0.049 χ^2 /NDF: 653578.5/18

Right Out: 87.299+/-0.068 χ^2 /NDF: 221885.0/18

Left In: 134.587+/-0.049 χ^2 /NDF: 85127.4/17

Left: 130.196+/-0.034 χ^2 /NDF: 755113.9/36

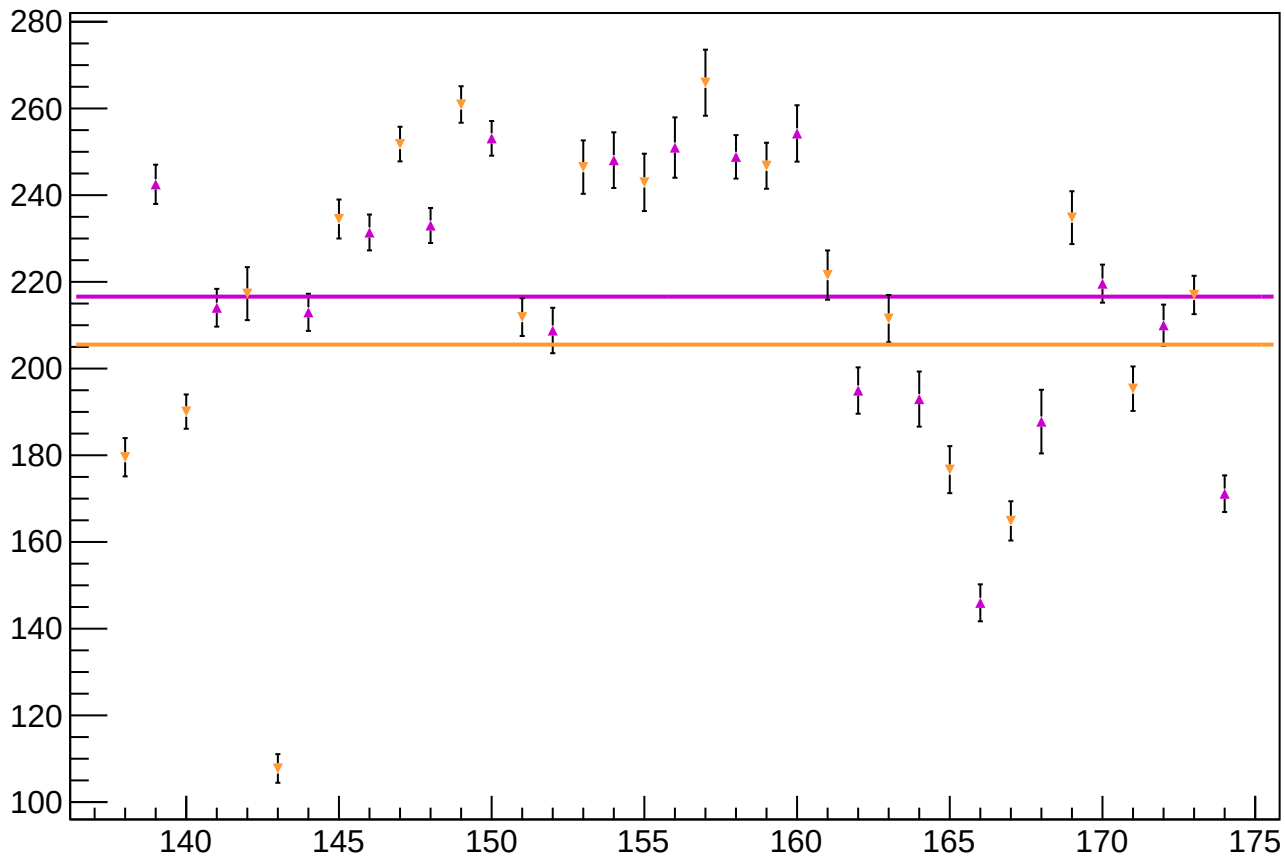
Right: 92.021+/-0.050 χ^2 /NDF: 326611.0/35

In: 123.301+/-0.040 χ^2 /NDF: 357491.0/34

Out: 112.844+/-0.040 χ^2 /NDF: 1086744.9/37

All: 117.955+/-0.028 χ^2 /NDF: 1478375.4/72

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: 205.533+/-1.104 χ^2/NDF :1630.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.597+/-1.141 χ^2/NDF :710.0/17

Left: 210.885+/-0.793 χ^2/NDF : 2388.7/36

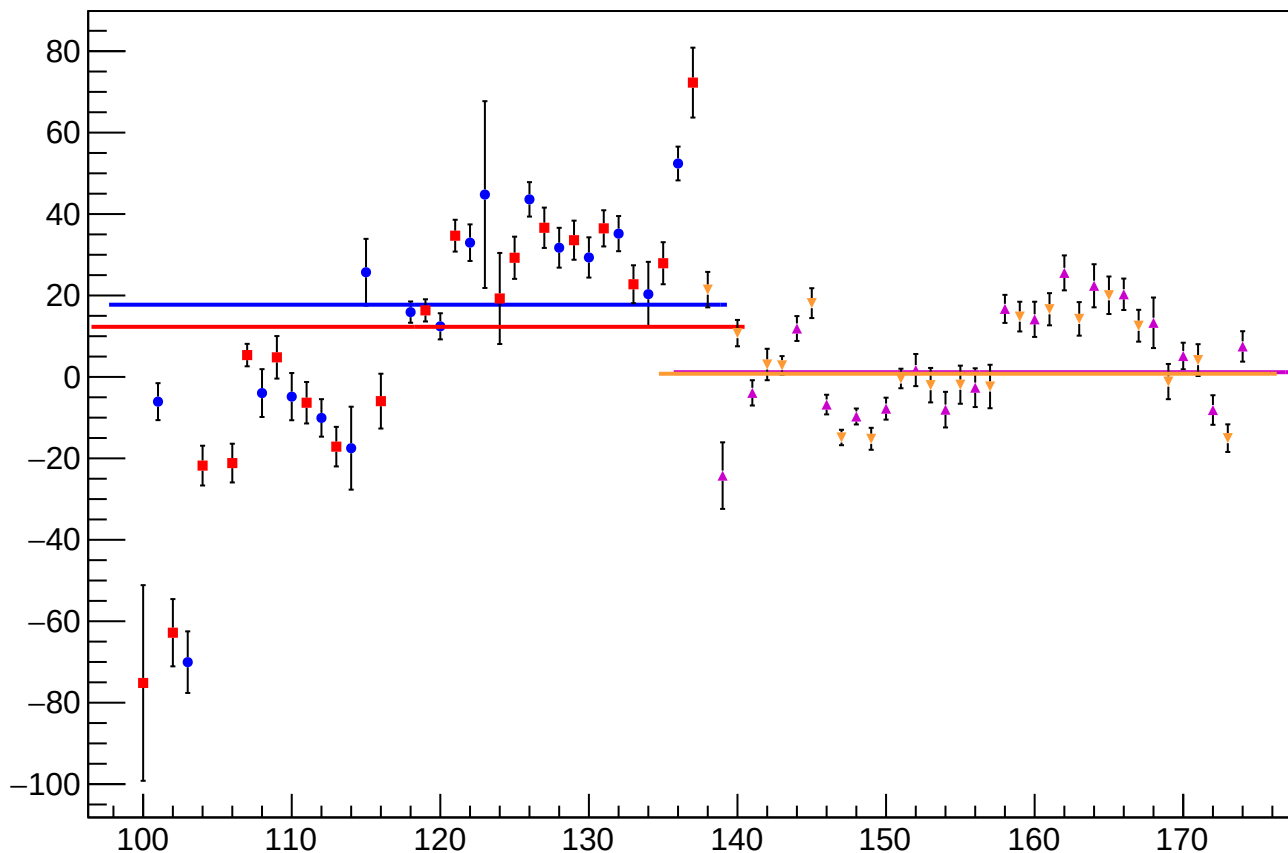
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.597+/-1.141 χ^2/NDF :710.0/17

Out: 205.533+/-1.104 χ^2/NDF :1630.2/18

All: 210.885+/-0.793 χ^2/NDF : 2388.7/36

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.962 $\pm$ 0.555 χ^2/NDF : 450.9/36

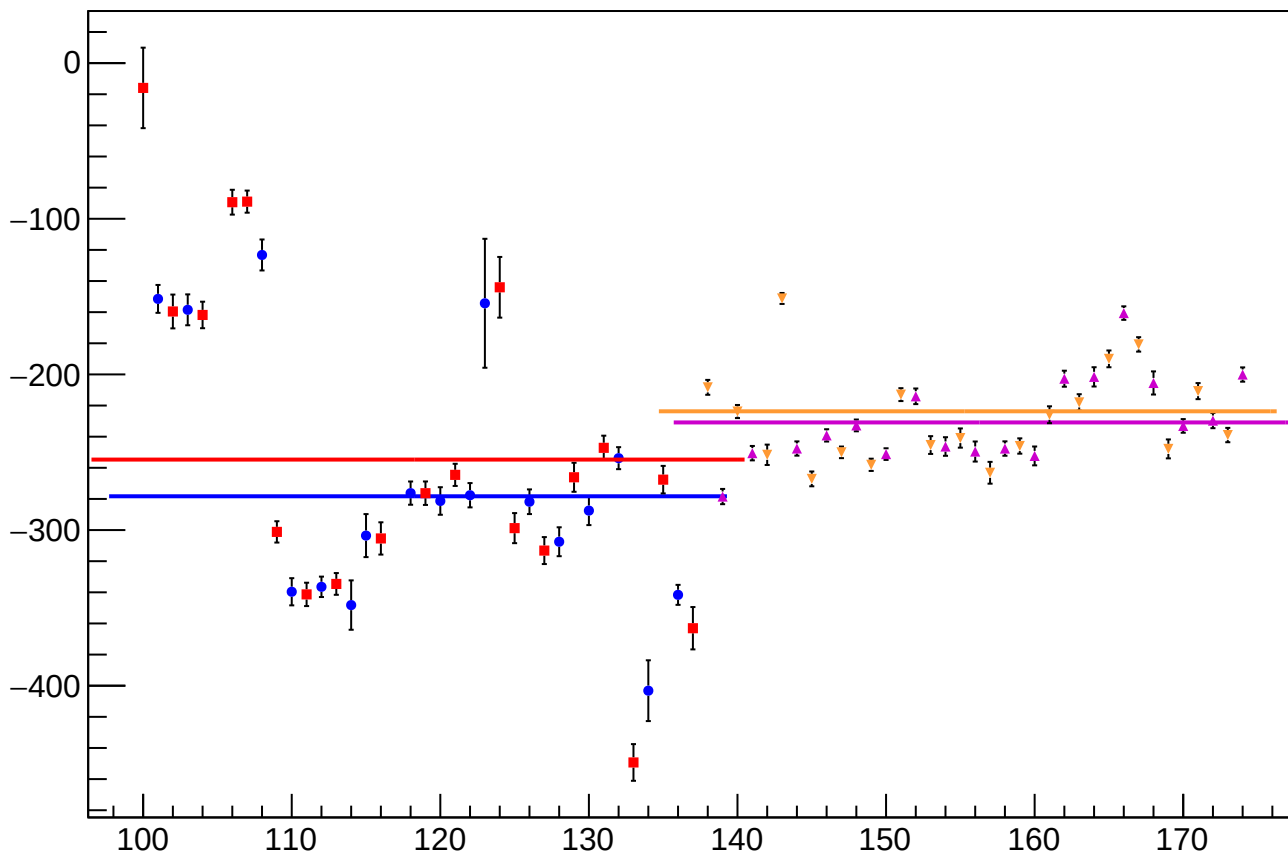
Right: 14.864 $\pm$ 0.788 χ^2/NDF : 848.3/35

In: 6.682 $\pm$ 0.663 χ^2/NDF : 732.4/34

Out: 4.589 $\pm$ 0.623 χ^2/NDF : 769.3/37

All: 5.571 $\pm$ 0.454 χ^2/NDF : 1507.0/72

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -223.696 ± 1.102 $\chi^2/\text{NDF}: 901.2/18$

Right Out: -254.713 ± 2.019 $\chi^2/\text{NDF}: 2038.0/18$

Left In: -230.853 ± 1.130 $\chi^2/\text{NDF}: 583.3/17$

Left: -227.185 ± 0.789 $\chi^2/\text{NDF}: 1505.1/36$

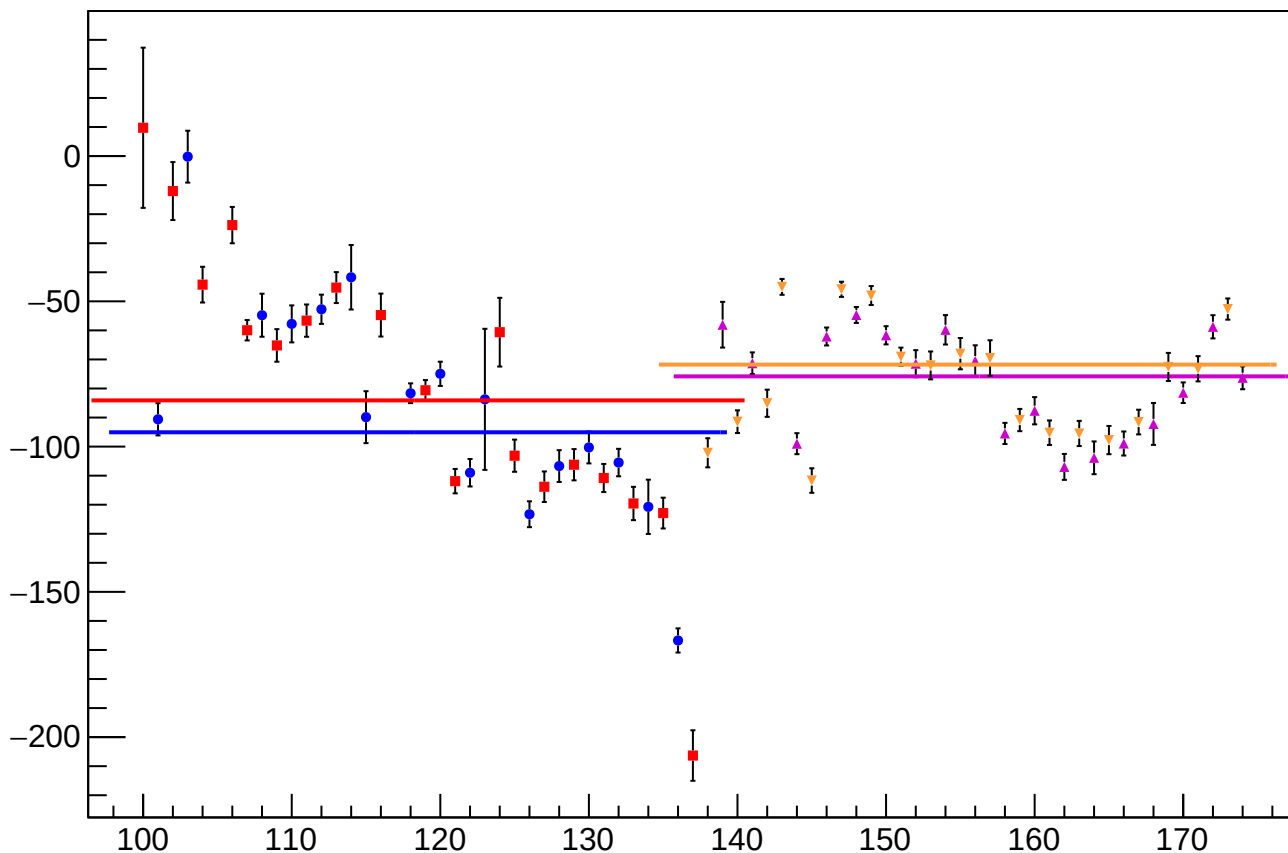
Right: -265.641 ± 1.479 $\chi^2/\text{NDF}: 3011.2/35$

In: -240.953 ± 1.002 $\chi^2/\text{NDF}: 1868.7/34$

Out: -230.815 ± 0.967 $\chi^2/\text{NDF}: 3121.2/37$

All: -235.703 ± 0.696 $\chi^2/\text{NDF}: 5042.9/72$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -71.782 ± 0.900 χ^2/NDF : 571.9/18

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -75.829 ± 0.949 χ^2/NDF : 325.3/17

Left: -73.698 ± 0.653 χ^2/NDF : 906.8/36

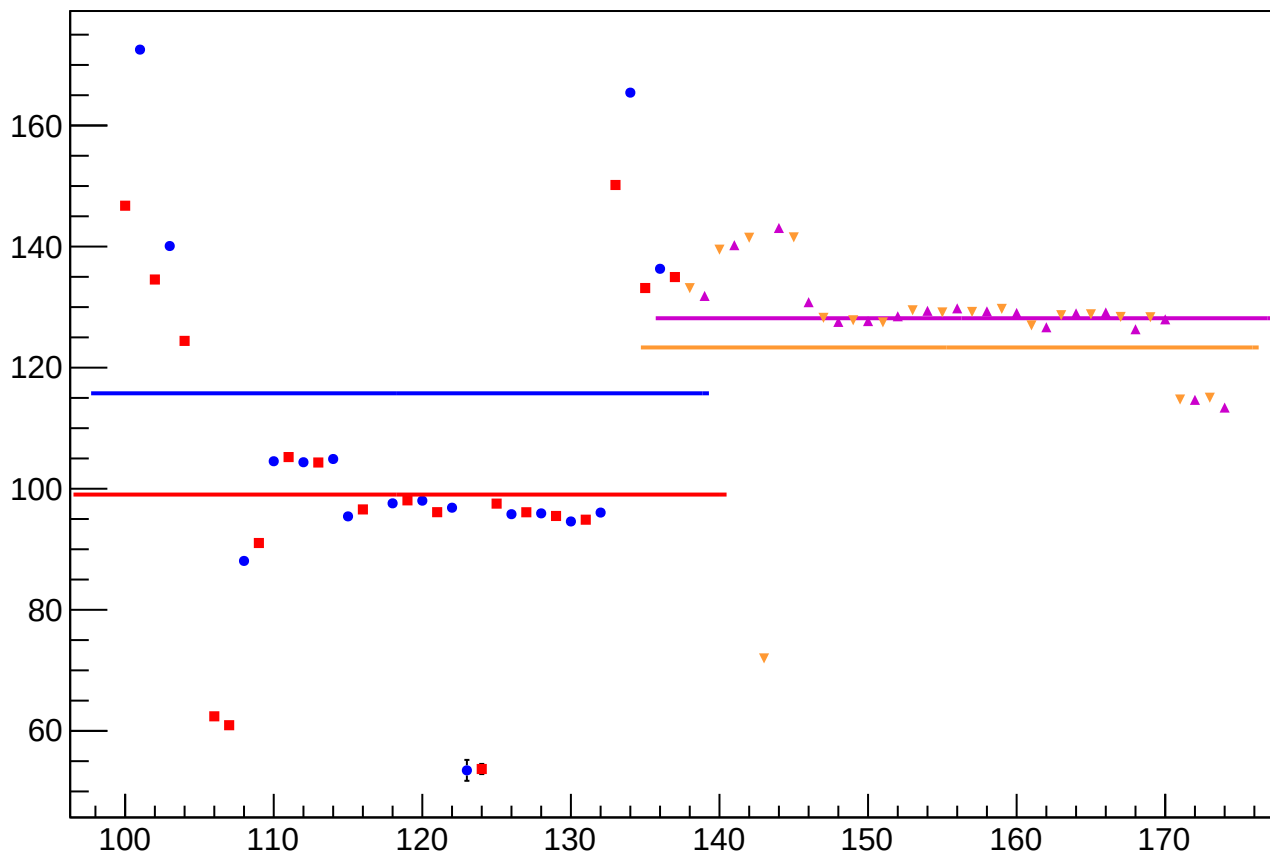
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -82.350 ± 0.772 χ^2/NDF : 1137.9/34

Out: -75.952 ± 0.732 χ^2/NDF : 1415.8/37

All: -78.981 ± 0.531 χ^2/NDF : 2589.9/72

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 123.336+/-0.044 χ^2/NDF :168652.4/18

Right Out: 99.037+/-0.068 χ^2/NDF : 173477.1/18

Left In: 128.162+/-0.044 χ^2/NDF :24560.2/17

Left: 125.708+/-0.031 χ^2/NDF : 199209.5/36

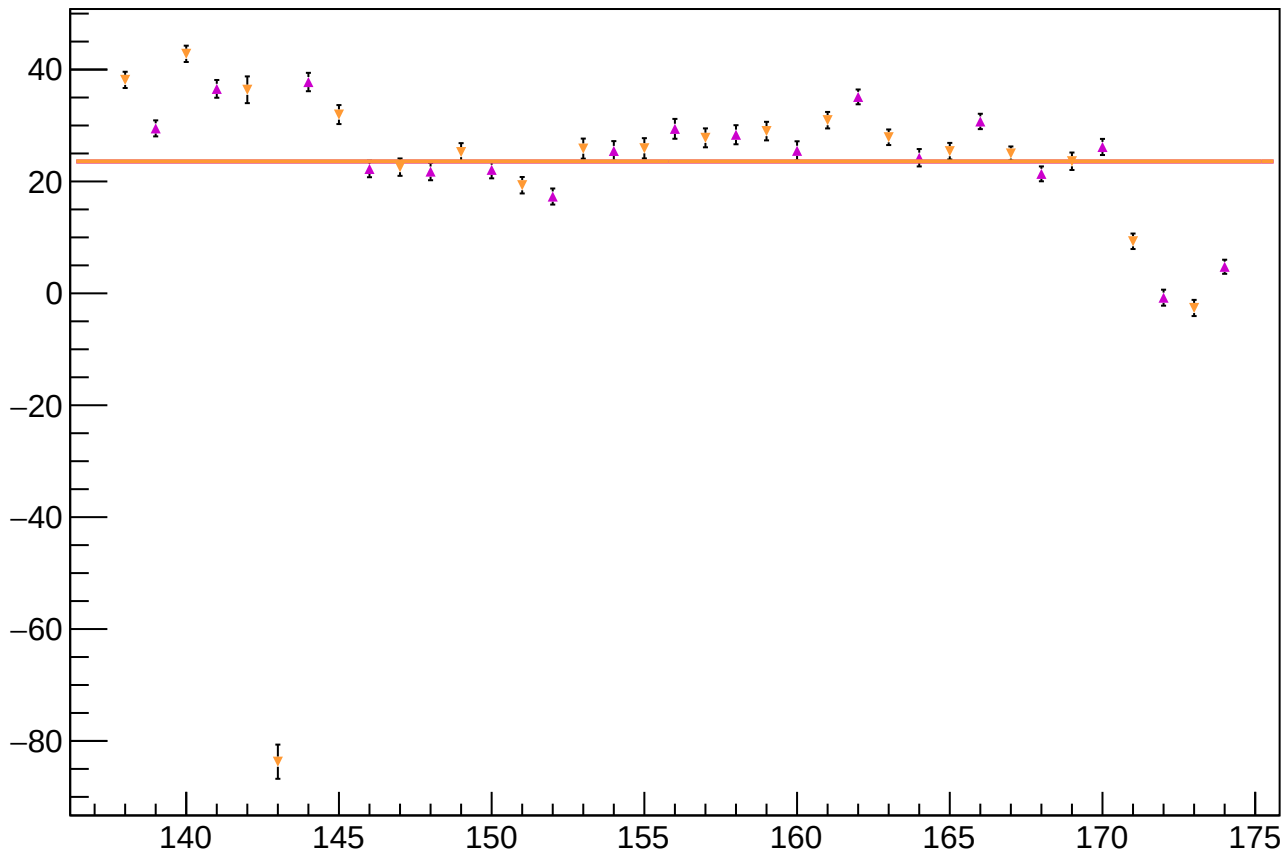
Right: 106.308+/-0.051 χ^2/NDF : 305708.8/35

In: 125.129+/-0.039 χ^2/NDF :149903.8/34

Out: 116.308+/-0.037 χ^2/NDF :431630.0/37

All: 120.510+/-0.027 χ^2/NDF : 608858.2/72

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: 23.594+/-0.362 χ^2/NDF :2062.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.558+/-0.352 χ^2/NDF :824.4/17

Left: 23.575+/-0.252 χ^2/NDF : 2886.9/36

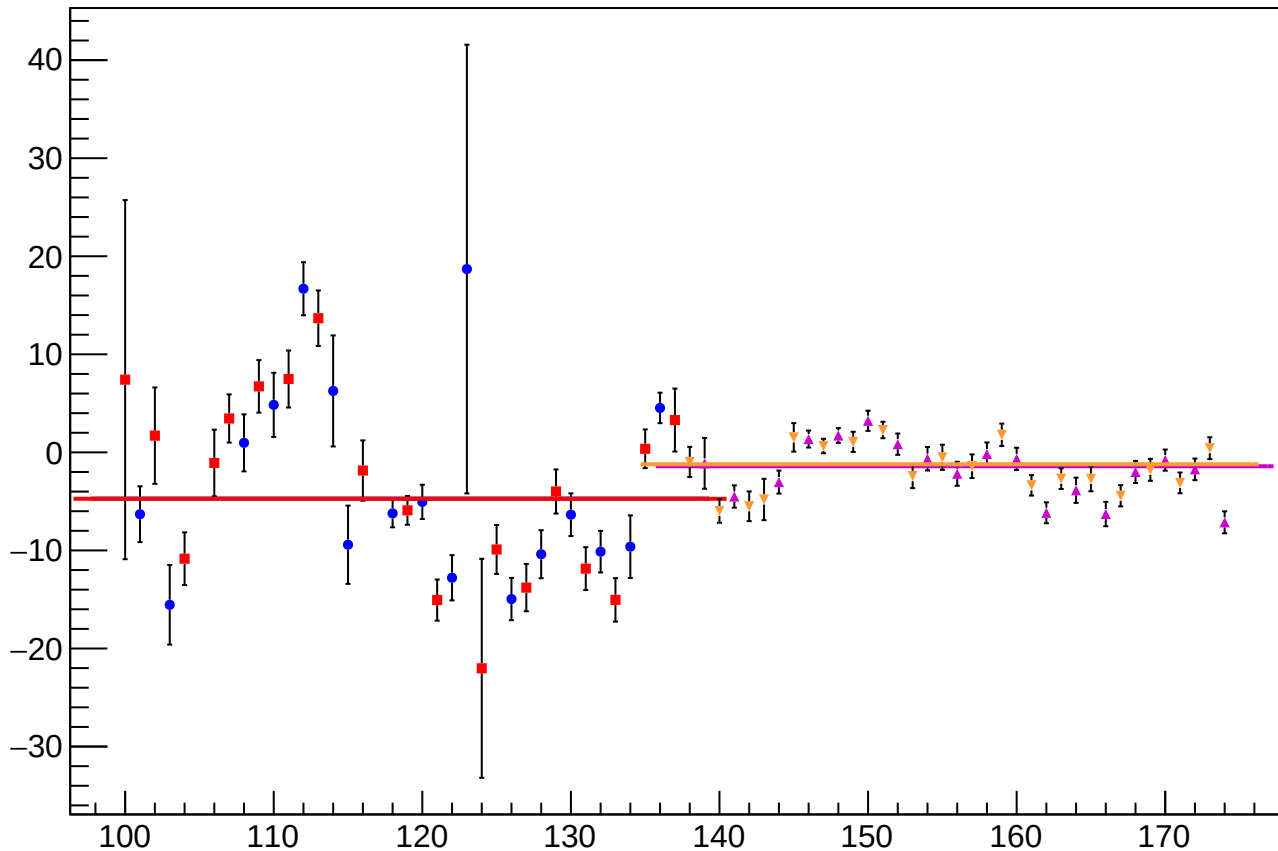
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.558+/-0.352 χ^2/NDF :824.4/17

Out: 23.594+/-0.362 χ^2/NDF :2062.4/18

All: 23.575+/-0.252 χ^2/NDF : 2886.9/36

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: -1.211 ± 0.259 χ^2/NDF : 88.8/18

Right Out: -4.732 ± 0.585 χ^2/NDF : 189.7/18

Left In: -1.418 ± 0.260 χ^2/NDF : 129.2/17

Left: -1.314 ± 0.183 χ^2/NDF : 218.4/36

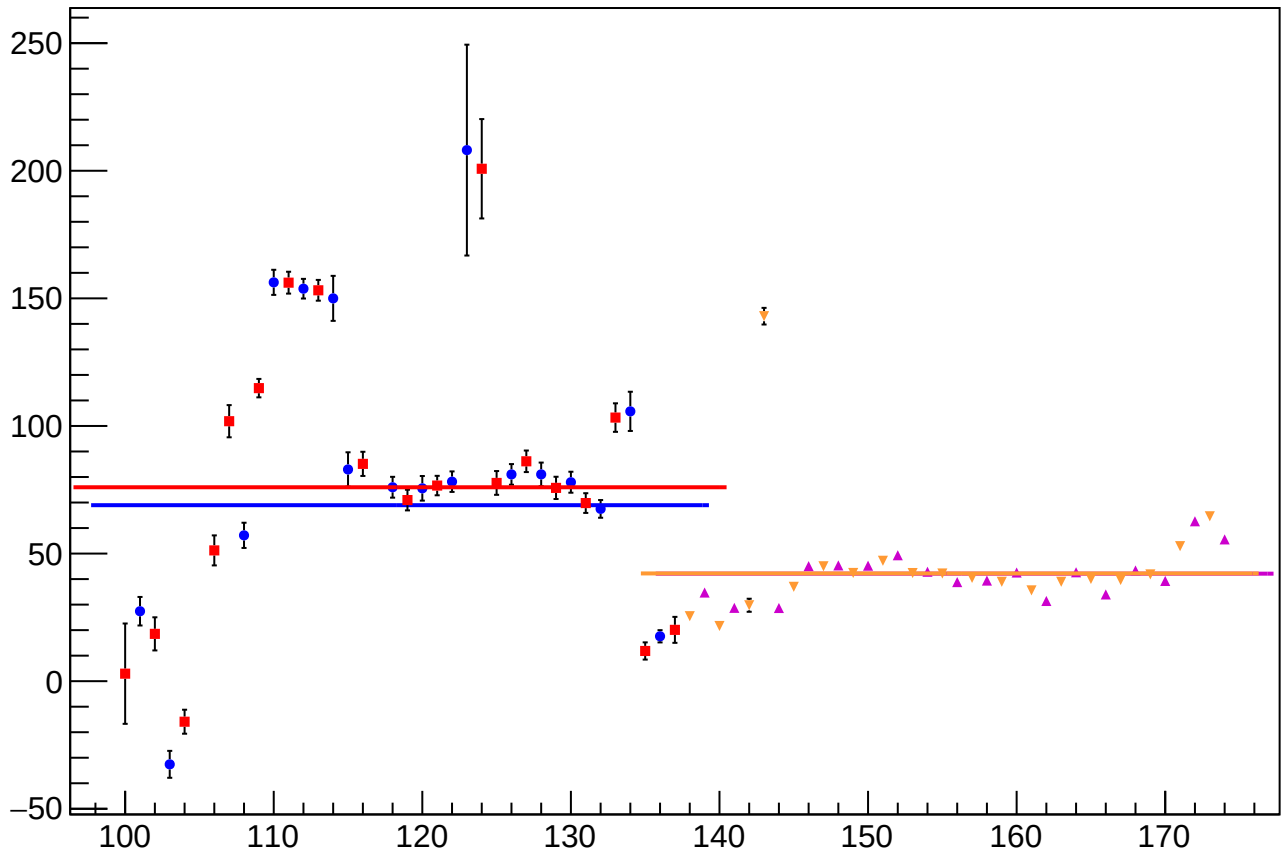
Right: -4.723 ± 0.412 χ^2/NDF : 364.4/35

In: -1.969 ± 0.237 χ^2/NDF : 330.7/34

Out: -1.788 ± 0.237 χ^2/NDF : 308.9/37

All: -1.878 ± 0.168 χ^2/NDF : 639.9/72

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.217 ± 0.357 $\chi^2/\text{NDF}: 1613.8/18$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 42.127 ± 0.349 $\chi^2/\text{NDF}: 596.4/17$

Left: 42.171 ± 0.249 $\chi^2/\text{NDF}: 2210.3/36$

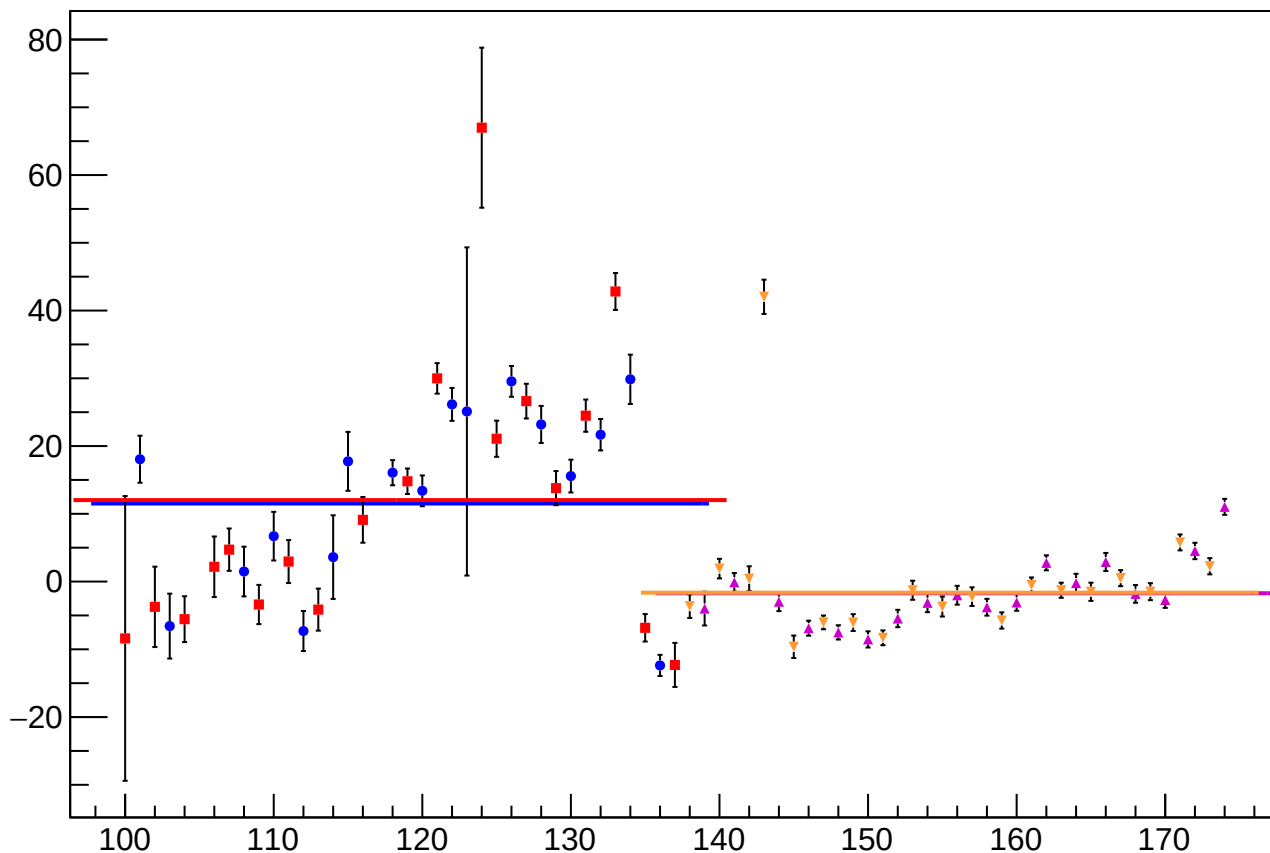
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 44.664 ± 0.332 $\chi^2/\text{NDF}: 3000.5/34$

Out: 45.602 ± 0.339 $\chi^2/\text{NDF}: 4405.6/37$

All: 45.123 ± 0.237 $\chi^2/\text{NDF}: 7410.0/72$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: -1.640+/-0.299 χ^2/NDF : 468.0/18

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: -1.722+/-0.299 χ^2/NDF : 274.4/17

Left: -1.681+/-0.211 χ^2/NDF : 742.4/36

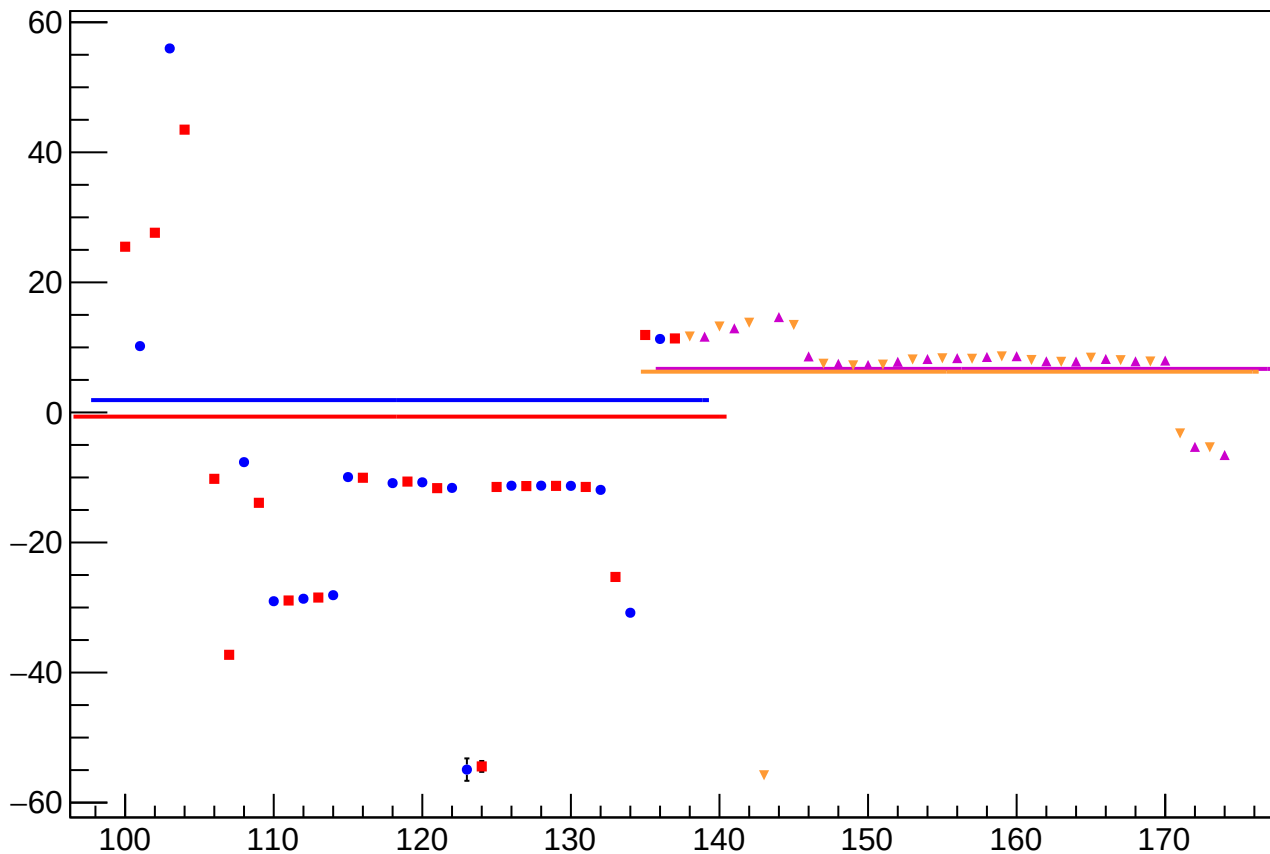
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 0.531+/-0.272 χ^2/NDF : 1085.9/34

Out: 0.659+/-0.272 χ^2/NDF : 1359.8/37

All: 0.595+/-0.193 χ^2/NDF : 2445.8/72

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 6.268+/-0.014 χ^2/NDF :352949.0/18

Right Out: -0.644+/-0.037 χ^2/NDF : 361626.2/18

Left In: 6.697+/-0.013 χ^2/NDF :159132.1/17

Left: 6.488+/-0.010 χ^2/NDF : 512573.8/36

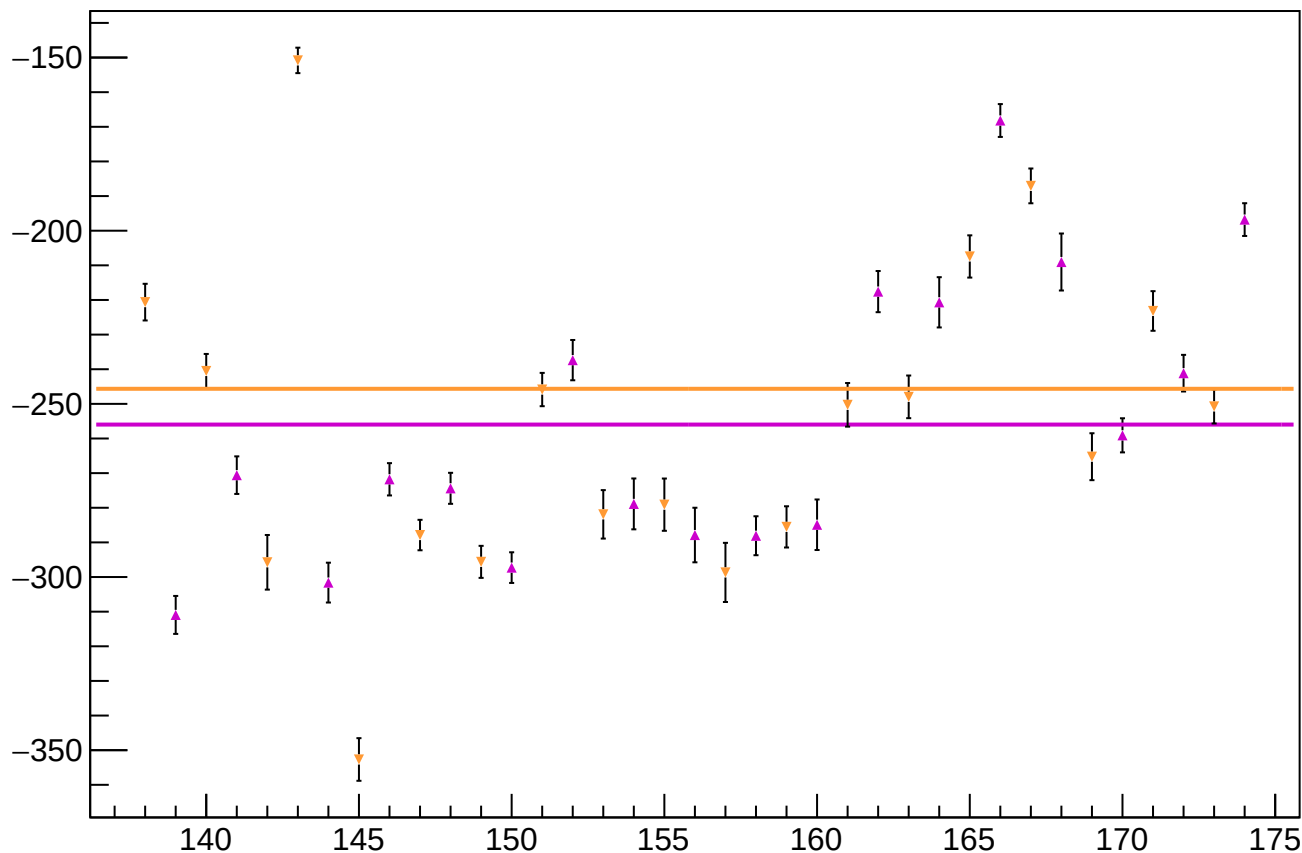
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 6.134+/-0.013 χ^2/NDF :532816.3/34

Out: 5.424+/-0.013 χ^2/NDF :745129.6/37

All: 5.787+/-0.009 χ^2/NDF : 1279481.9/72

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -245.647 ± 1.263 χ^2/NDF : 1571.5/18

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -255.979 ± 1.305 χ^2/NDF : 976.4/17

Left: -250.644 ± 0.908 χ^2/NDF : 2580.3/36

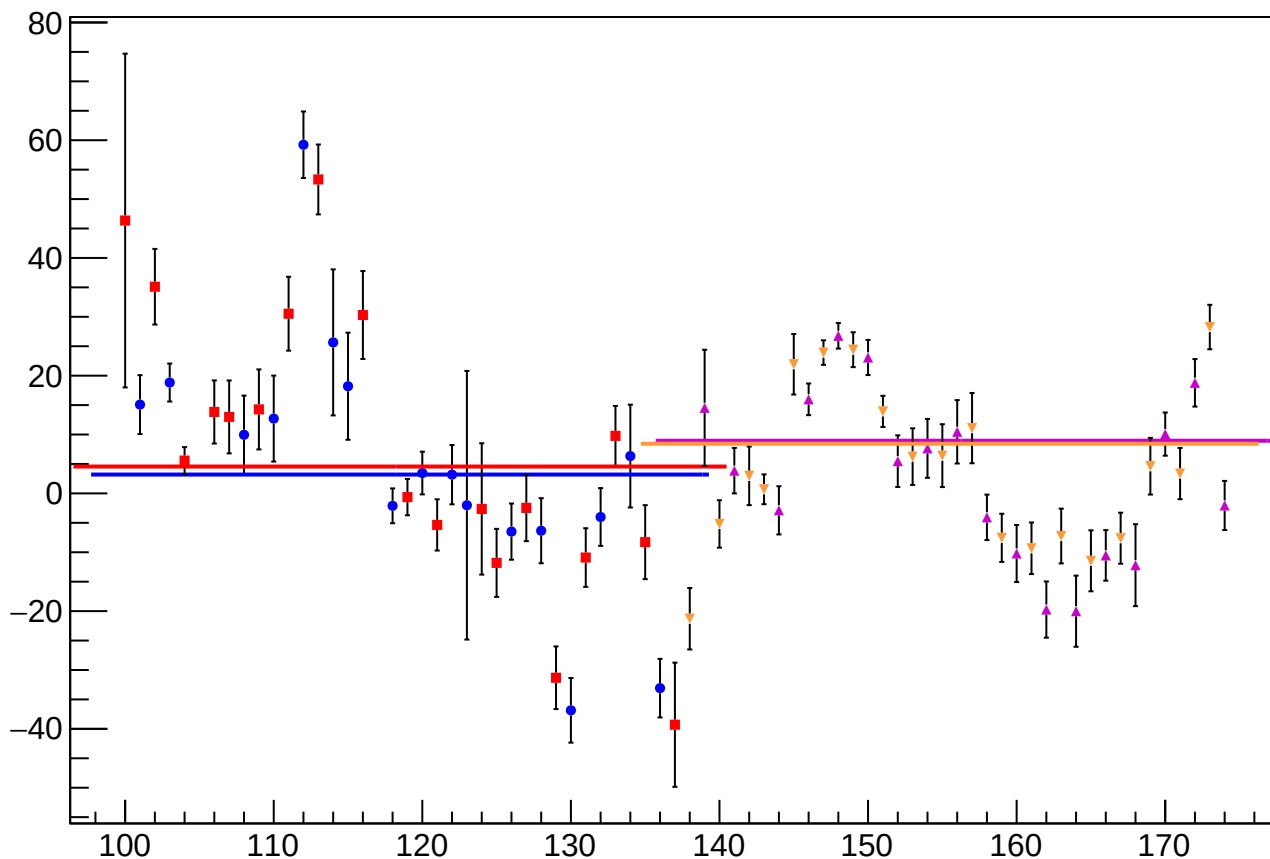
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -255.979 ± 1.305 χ^2/NDF : 976.4/17

Out: -245.647 ± 1.263 χ^2/NDF : 1571.5/18

All: -250.644 ± 0.908 χ^2/NDF : 2580.3/36

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 χ^2/NDF : 255.2/16

Left Out: 8.436 ± 0.863 χ^2/NDF : 251.7/18

Right Out: 4.558 ± 1.158 χ^2/NDF : 223.9/18

Left In: 8.944 ± 0.923 χ^2/NDF : 236.7/17

Left: 8.673 ± 0.630 χ^2/NDF : 488.6/36

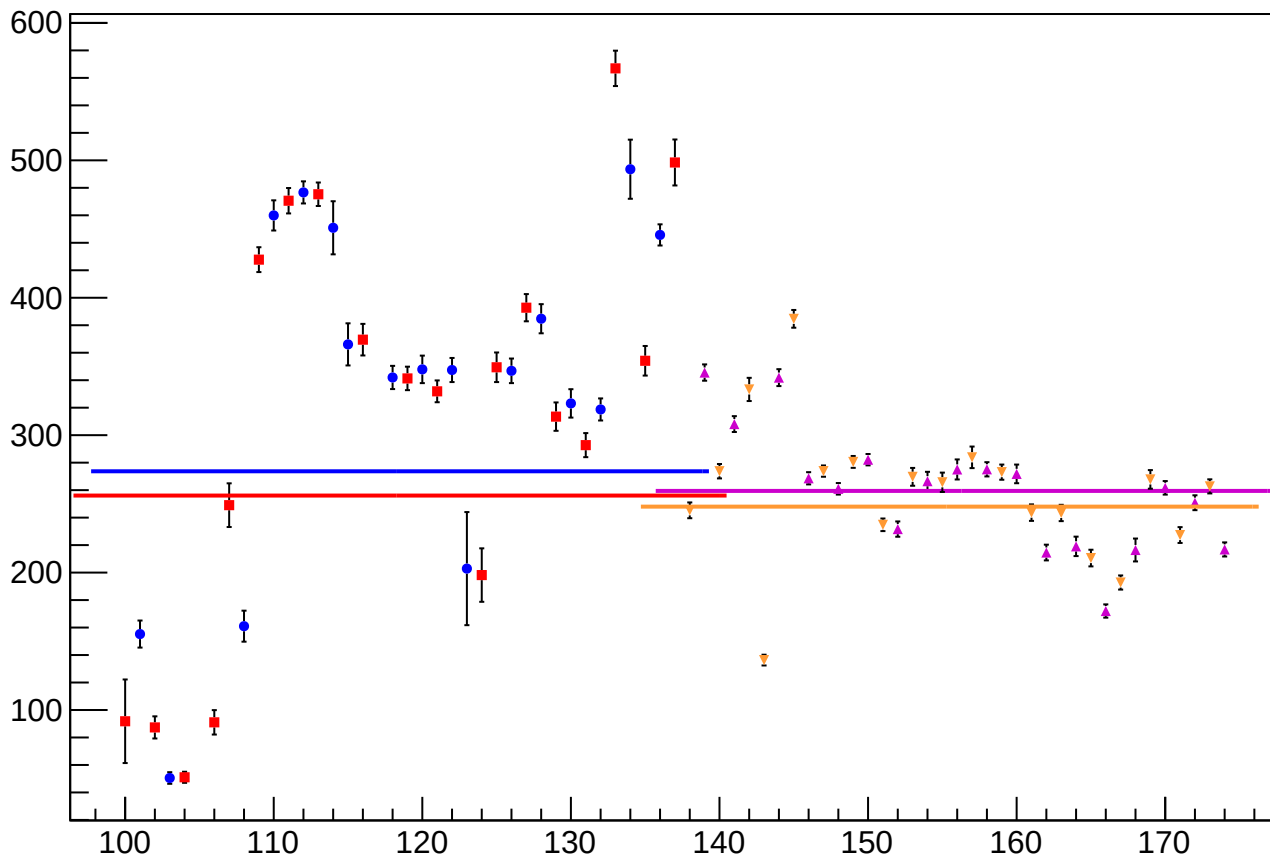
Right: 3.919 ± 0.842 χ^2/NDF : 479.7/35

In: 6.870 ± 0.737 χ^2/NDF : 505.9/34

Out: 7.050 ± 0.692 χ^2/NDF : 482.8/37

All: 6.966 ± 0.505 χ^2/NDF : 988.8/72

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2/NDF : 5103.3/16

Left Out: 247.995 $\pm$ 1.255 χ^2/NDF :1733.9/18

Right Out: 256.055 $\pm$ 2.079 χ^2/NDF : 6441.1/18

Left In: 259.434 $\pm$ 1.288 χ^2/NDF :1058.4/17

Left: 253.568 $\pm$ 0.899 χ^2/NDF : 2832.8/36

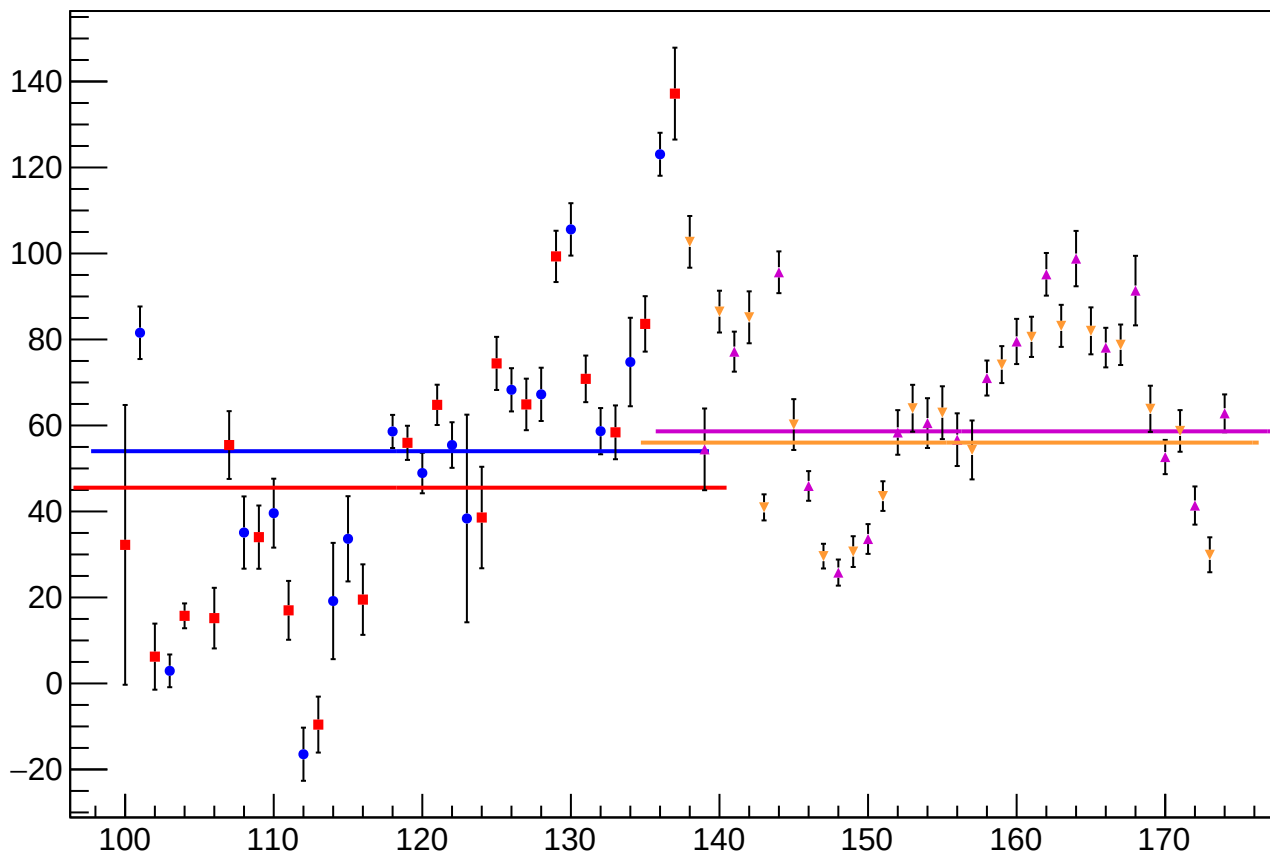
Right: 264.408 $\pm$ 1.509 χ^2/NDF : 11578.5/35

In: 263.094 $\pm$ 1.111 χ^2/NDF :6193.2/34

Out: 250.149 $\pm$ 1.075 χ^2/NDF :8186.0/37

All: 256.407 $\pm$ 0.772 χ^2/NDF : 14449.4/72

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 56.013 $\pm$ 1.022 χ^2 /NDF:465.2/18

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 58.632 $\pm$ 1.079 χ^2 /NDF:427.9/17

Left: 57.250 $\pm$ 0.742 χ^2 /NDF: 896.1/36

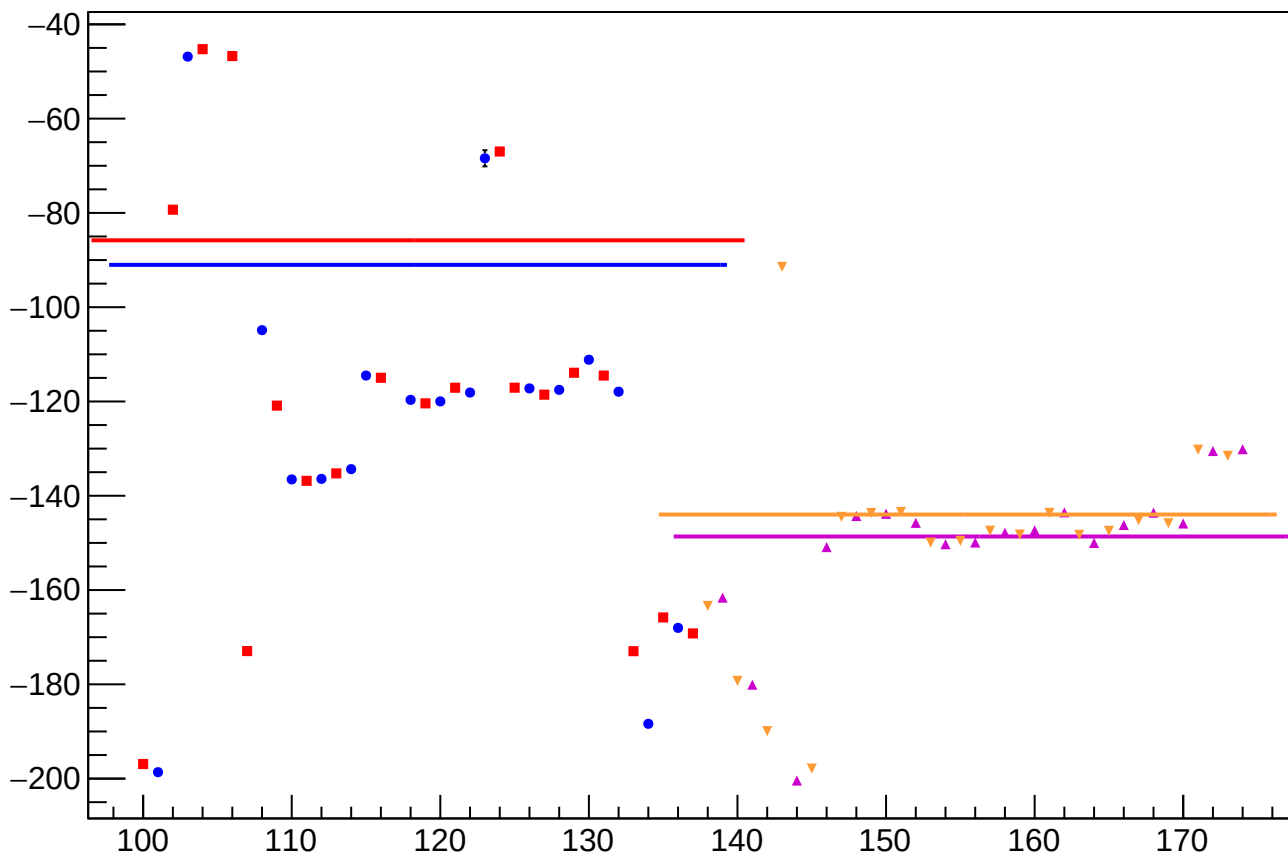
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 56.946 $\pm$ 0.860 χ^2 /NDF:1067.4/34

Out: 52.220 $\pm$ 0.816 χ^2 /NDF:1030.0/37

All: 54.460 $\pm$ 0.592 χ^2 /NDF: 2113.3/72

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: -143.983 ± 0.050 $\chi^2/\text{NDF}: 216134.9/18$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -148.638 ± 0.051 $\chi^2/\text{NDF}: 80498.3/17$

Left: -146.272 ± 0.035 $\chi^2/\text{NDF}: 300931.2/36$

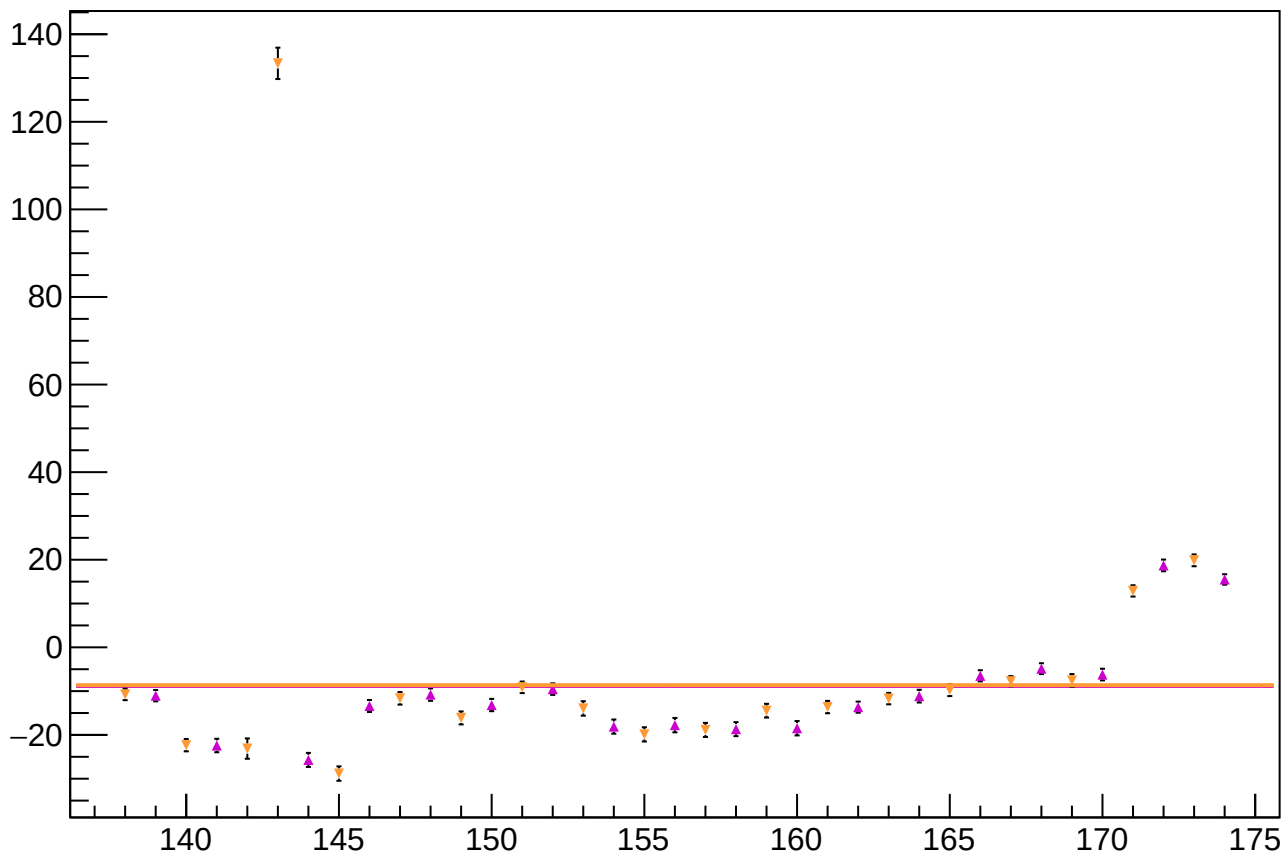
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.929 ± 0.041 $\chi^2/\text{NDF}: 1080352.8/34$

Out: -122.483 ± 0.040 $\chi^2/\text{NDF}: 1216610.0/37$

All: -125.139 ± 0.028 $\chi^2/\text{NDF}: 2306221.6/72$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



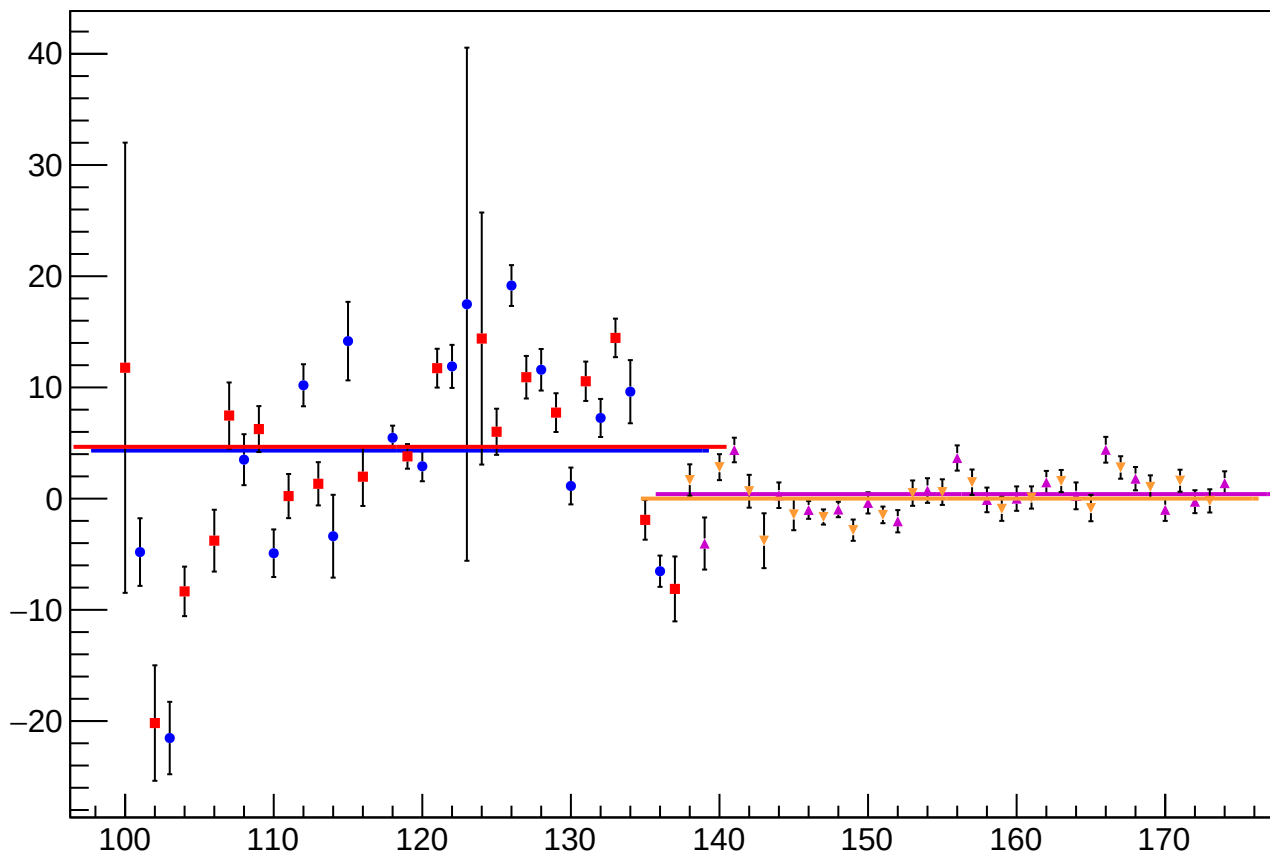
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.647+/-0.339 χ^2/NDF :2741.5/18
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.822+/-0.330 χ^2/NDF :1222.4/17

Left: -8.737+/-0.236 χ^2/NDF : 3964.1/36
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.822+/-0.330 χ^2/NDF :1222.4/17
 Out: -8.647+/-0.339 χ^2/NDF :2741.5/18

All: -8.737+/-0.236 χ^2/NDF : 3964.1/36

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 χ^2/NDF : 280.3/16

Left Out: 0.004 ± 0.242 χ^2/NDF : 46.6/18

Right Out: 4.657 ± 0.474 χ^2/NDF : 184.5/18

Left In: 0.406 ± 0.244 χ^2/NDF : 56.8/17

Left: 0.203 ± 0.172 χ^2/NDF : 104.8/36

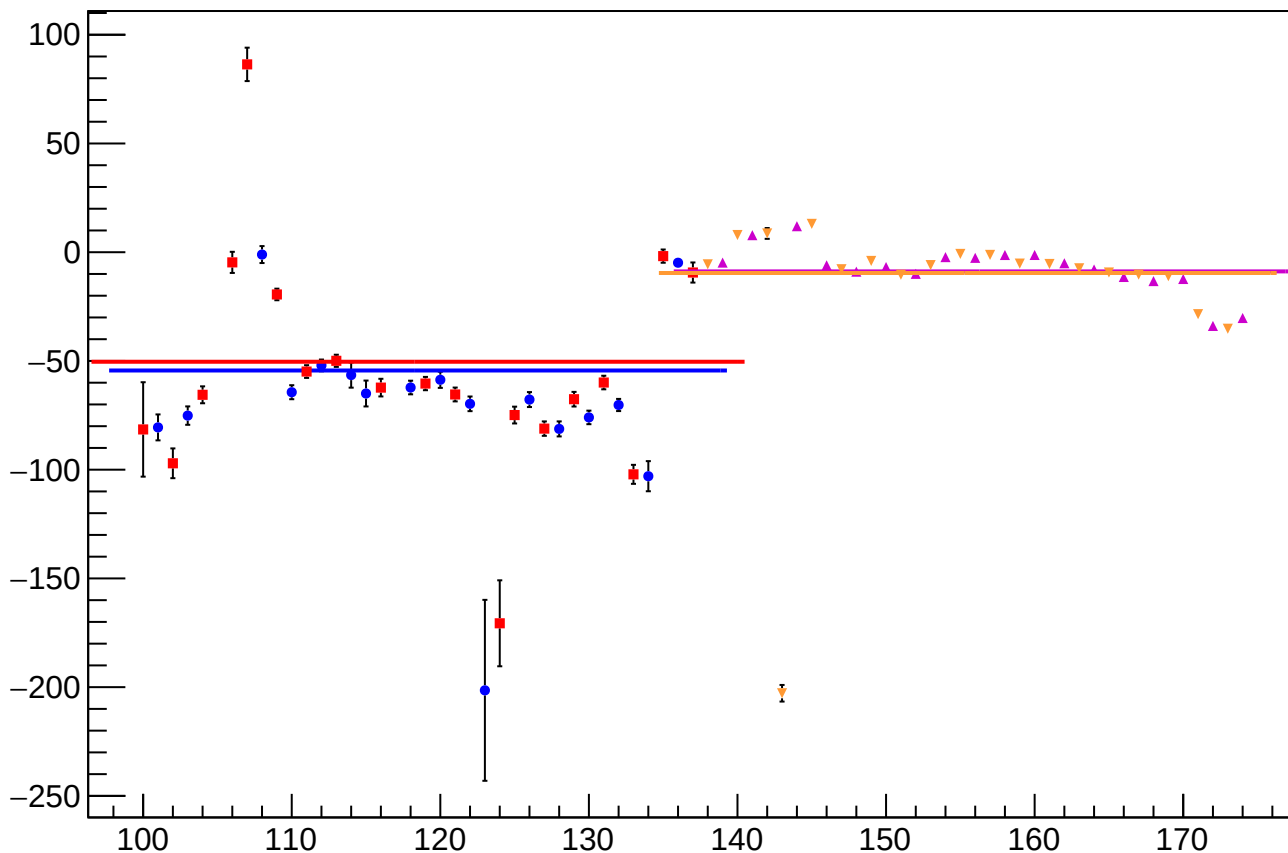
Right: 4.486 ± 0.332 χ^2/NDF : 465.1/35

In: 1.249 ± 0.216 χ^2/NDF : 392.7/34

Out: 0.966 ± 0.215 χ^2/NDF : 307.6/37

All: 1.107 ± 0.153 χ^2/NDF : 701.2/72

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387+/-0.864 χ^2/NDF : 1014.0/16

Left Out: -9.551+/-0.334 χ^2/NDF : 3583.5/18

Right Out: -50.364+/-0.858 χ^2/NDF : 1321.3/18

Left In: -8.819+/-0.326 χ^2/NDF : 995.7/17

Left: -9.176+/-0.233 χ^2/NDF : 4581.7/36

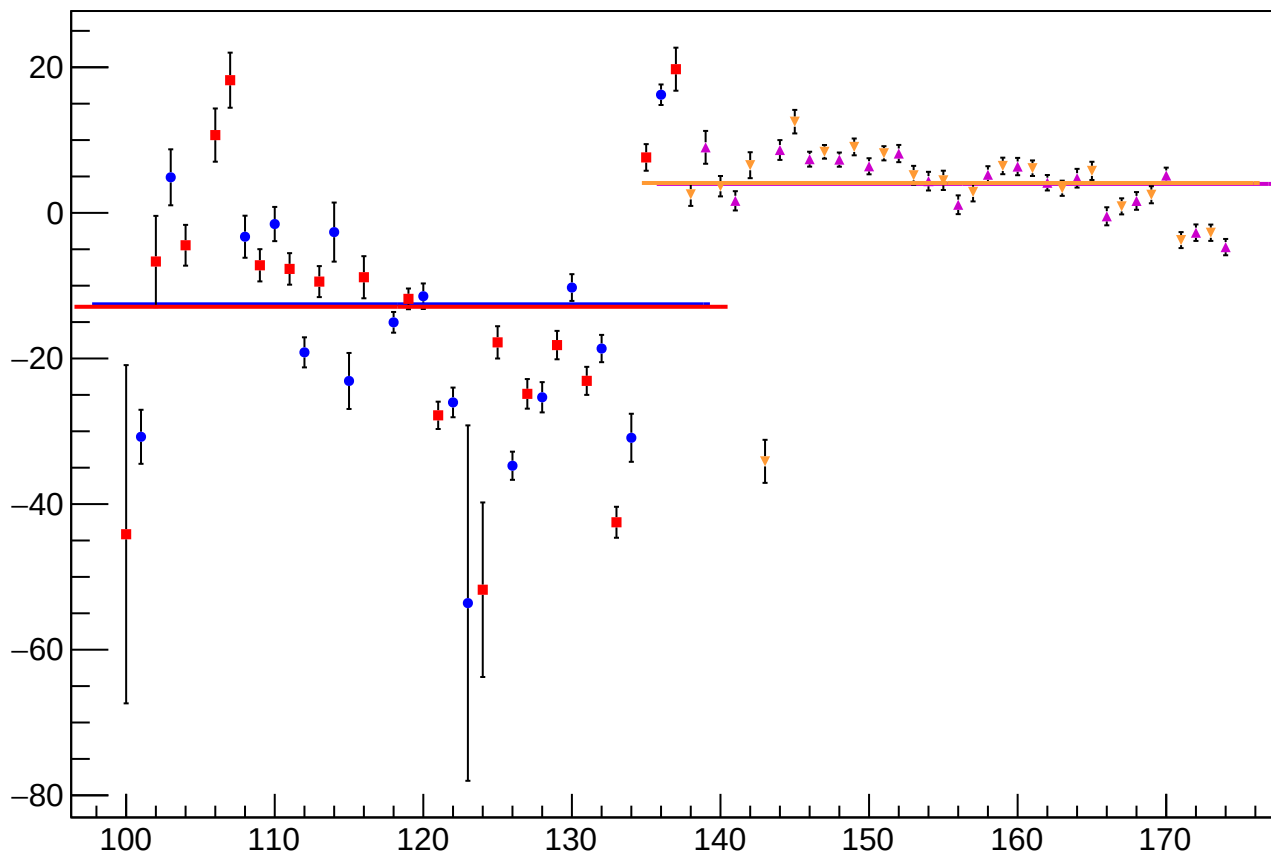
Right: -52.360+/-0.609 χ^2/NDF : 2346.2/35

In: -14.497+/-0.305 χ^2/NDF : 4442.0/34

Out: -14.925+/-0.311 χ^2/NDF : 6871.4/37

All: -14.707+/-0.218 χ^2/NDF : 11314.3/72

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 4.106 ± 0.280 χ^2/NDF : 364.4/18

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 3.979 ± 0.280 χ^2/NDF : 183.0/17

Left: 4.043 ± 0.198 χ^2/NDF : 547.5/36

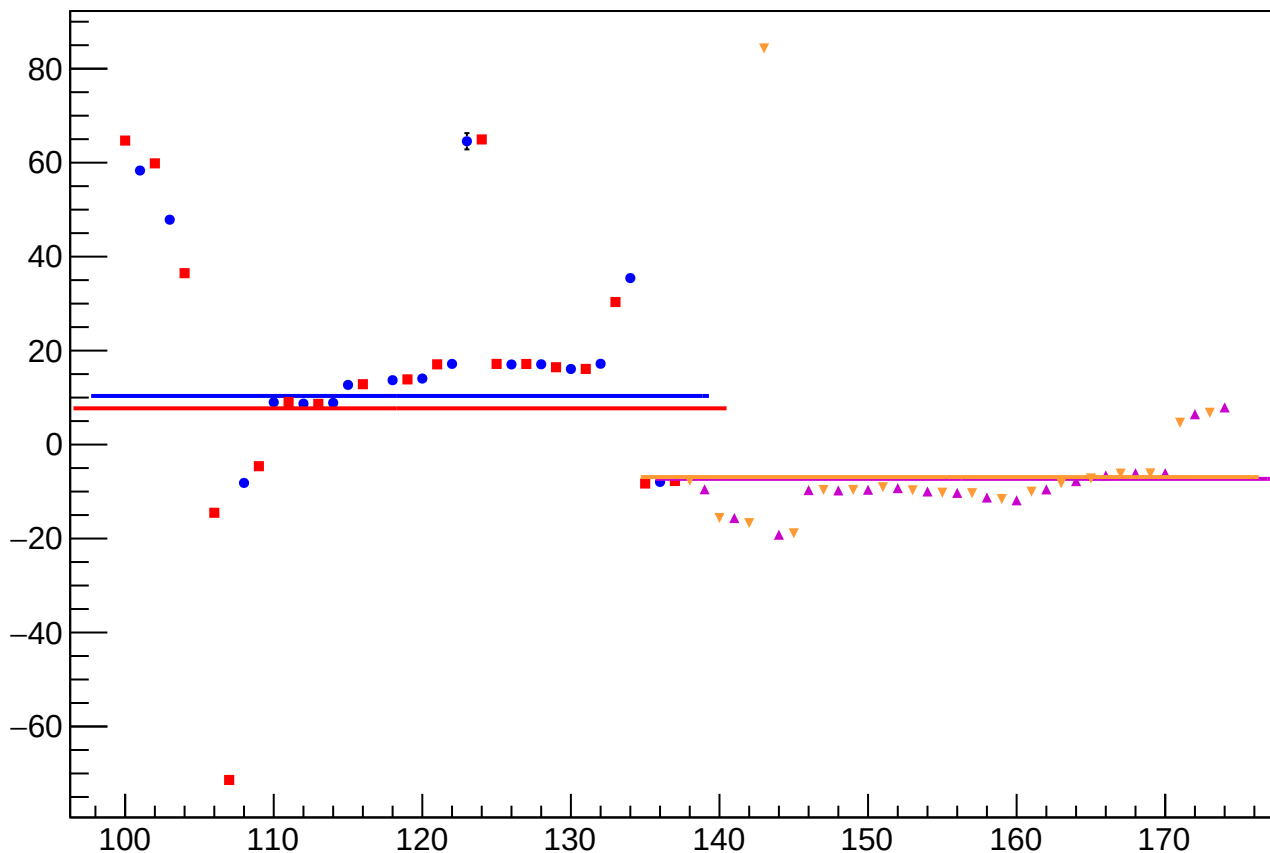
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: 0.383 ± 0.248 χ^2/NDF : 1720.5/34

Out: 0.492 ± 0.248 χ^2/NDF : 1879.1/37

All: 0.437 ± 0.175 χ^2/NDF : 3599.7/72

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -6.913+/-0.013 χ^2/NDF : 576869.8/18

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -7.297+/-0.013 χ^2/NDF : 255595.9/17

Left: -7.110+/-0.009 χ^2/NDF : 832918.8/36

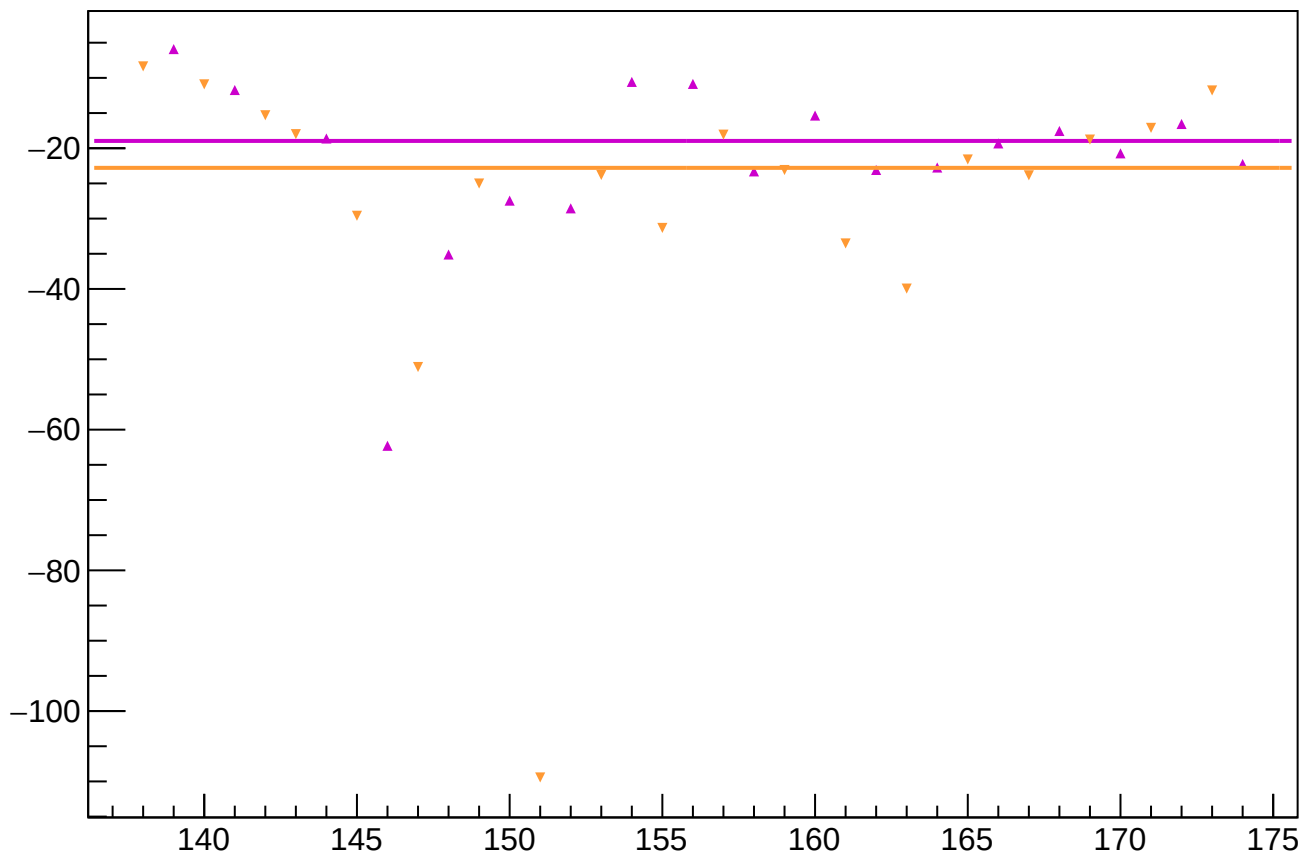
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -4.730+/-0.012 χ^2/NDF : 921060.0/34

Out: -4.779+/-0.012 χ^2/NDF : 1308899.1/37

All: -4.754+/-0.008 χ^2/NDF : 2229967.7/72

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.788+/-0.053 χ^2/NDF :62453.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Left: -20.658+/-0.036 χ^2/NDF : 103690.4/36

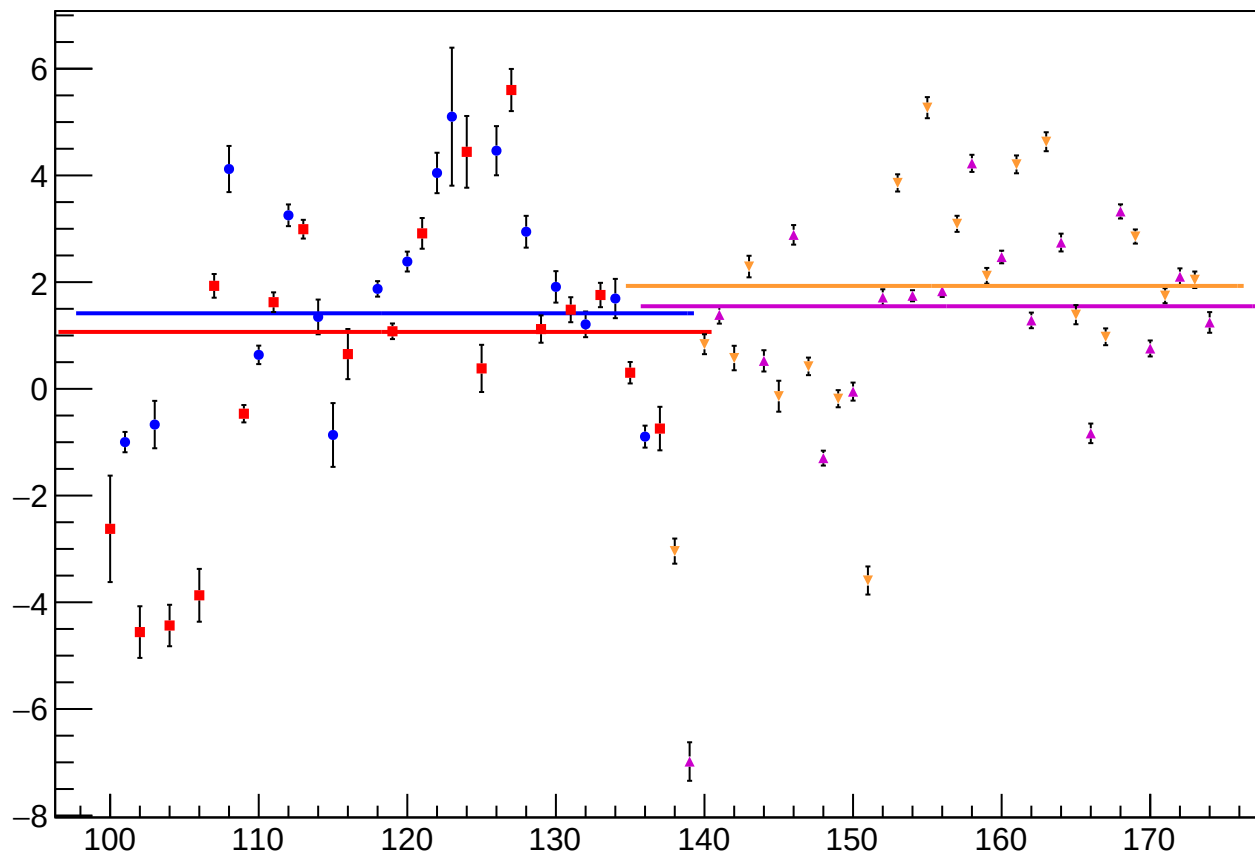
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.961+/-0.048 χ^2/NDF :38384.5/17

Out: -22.788+/-0.053 χ^2/NDF :62453.2/18

All: -20.658+/-0.036 χ^2/NDF : 103690.4/36

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2 /NDF: 631.2/16

Left Out: 1.929 $\pm$ 0.040 χ^2 /NDF:2269.4/18

Right Out: 1.067 $\pm$ 0.058 χ^2 /NDF: 929.9/18

Left In: 1.548 $\pm$ 0.035 χ^2 /NDF:1940.0/17

Left: 1.717 $\pm$ 0.026 χ^2 /NDF: 4260.7/36

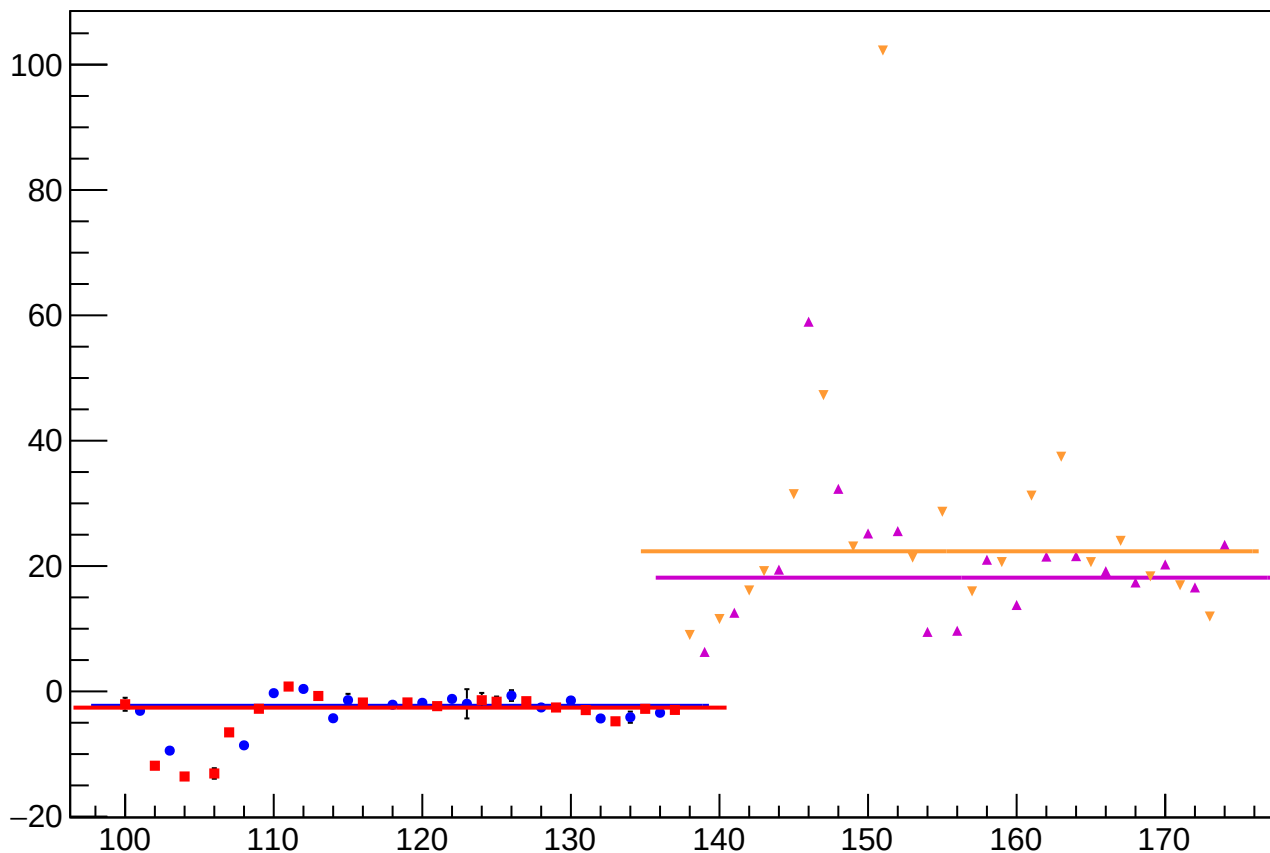
Right: 1.233 $\pm$ 0.042 χ^2 /NDF: 1578.2/35

In: 1.515 $\pm$ 0.031 χ^2 /NDF:2574.7/34

Out: 1.655 $\pm$ 0.033 χ^2 /NDF:3349.4/37

All: 1.580 $\pm$ 0.022 χ^2 /NDF: 5933.8/72

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.354 ± 0.053 χ^2/NDF : 55650.2/18

Right Out: -2.589 ± 0.099 χ^2/NDF : 889.9/18

Left In: 18.146 ± 0.047 χ^2/NDF : 36447.7/17

Left: 19.986 ± 0.035 χ^2/NDF : 95650.3/36

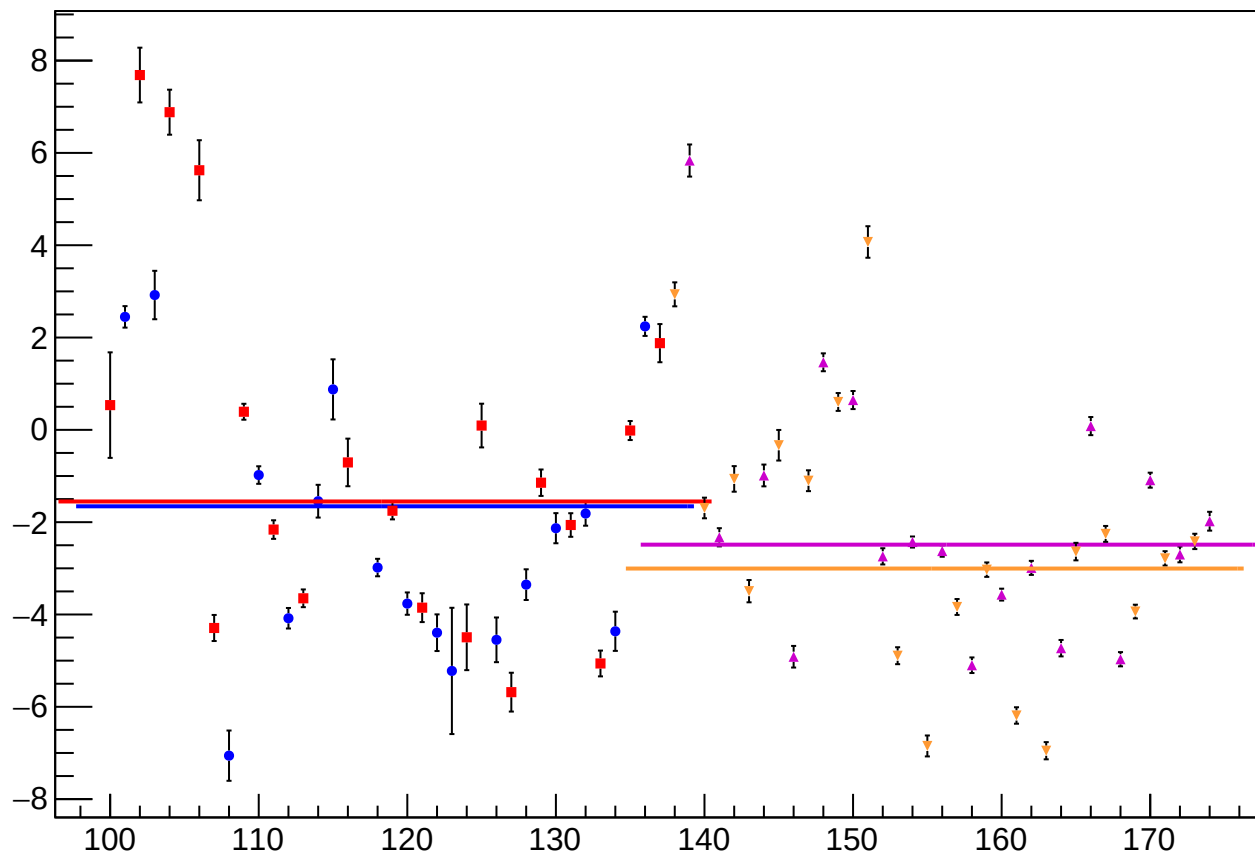
Right: -2.461 ± 0.074 χ^2/NDF : 1333.7/35

In: 15.065 ± 0.043 χ^2/NDF : 65786.0/34

Out: 16.788 ± 0.047 χ^2/NDF : 106031.8/37

All: 15.856 ± 0.032 χ^2/NDF : 172554.2/72

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 $\pm$ 0.070 χ^2/NDF : 1271.1/16

Left Out: -3.005 $\pm$ 0.045 χ^2/NDF : 2784.2/18

Right Out: -1.551 $\pm$ 0.066 χ^2/NDF : 1488.1/18

Left In: -2.487 $\pm$ 0.040 χ^2/NDF : 2387.5/17

Left: -2.716 $\pm$ 0.030 χ^2/NDF : 5245.8/36

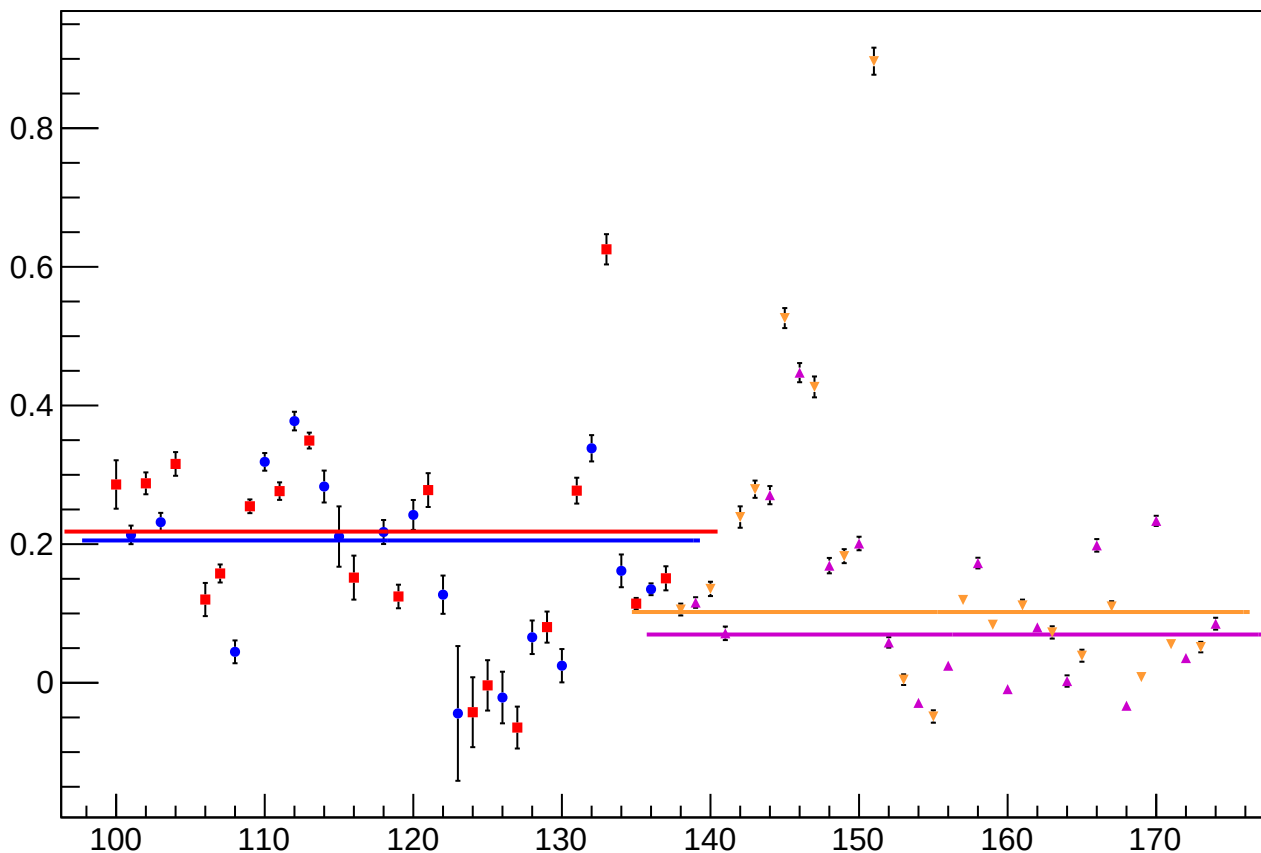
Right: -1.600 $\pm$ 0.048 χ^2/NDF : 2760.4/35

In: -2.285 $\pm$ 0.035 χ^2/NDF : 3763.8/34

Out: -2.542 $\pm$ 0.037 χ^2/NDF : 4606.7/37

All: -2.405 $\pm$ 0.025 χ^2/NDF : 8396.1/72

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.102 $\pm$ 0.002 χ^2 /NDF: 4147.3/18

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3211.5/17

Left: 0.084 $\pm$ 0.001 χ^2 /NDF: 7508.1/36

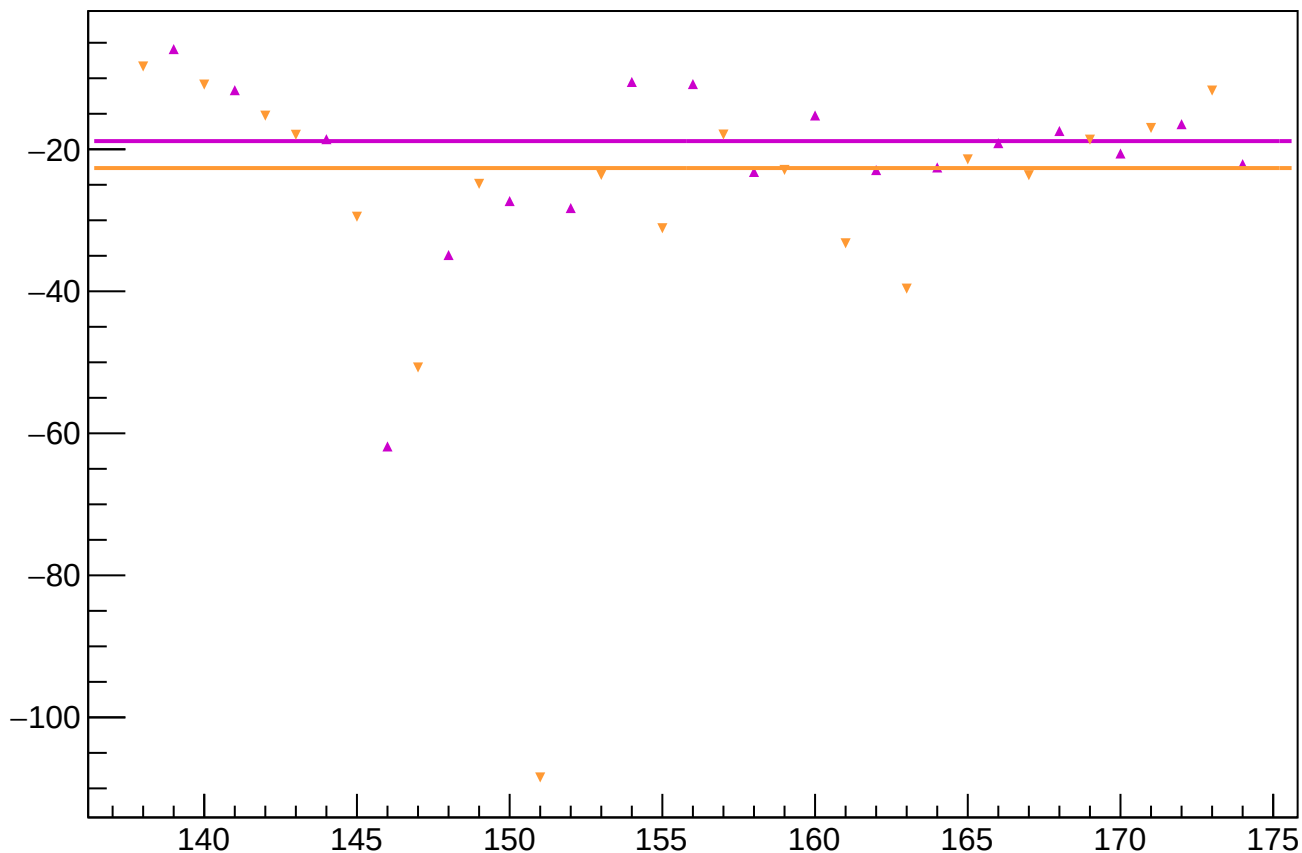
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4745.4/34

Out: 0.129 $\pm$ 0.002 χ^2 /NDF: 5933.3/37

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10942.0/72

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.645+/-0.053 χ^2/NDF :62265.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Left: -20.532+/-0.035 χ^2/NDF : 103402.6/36

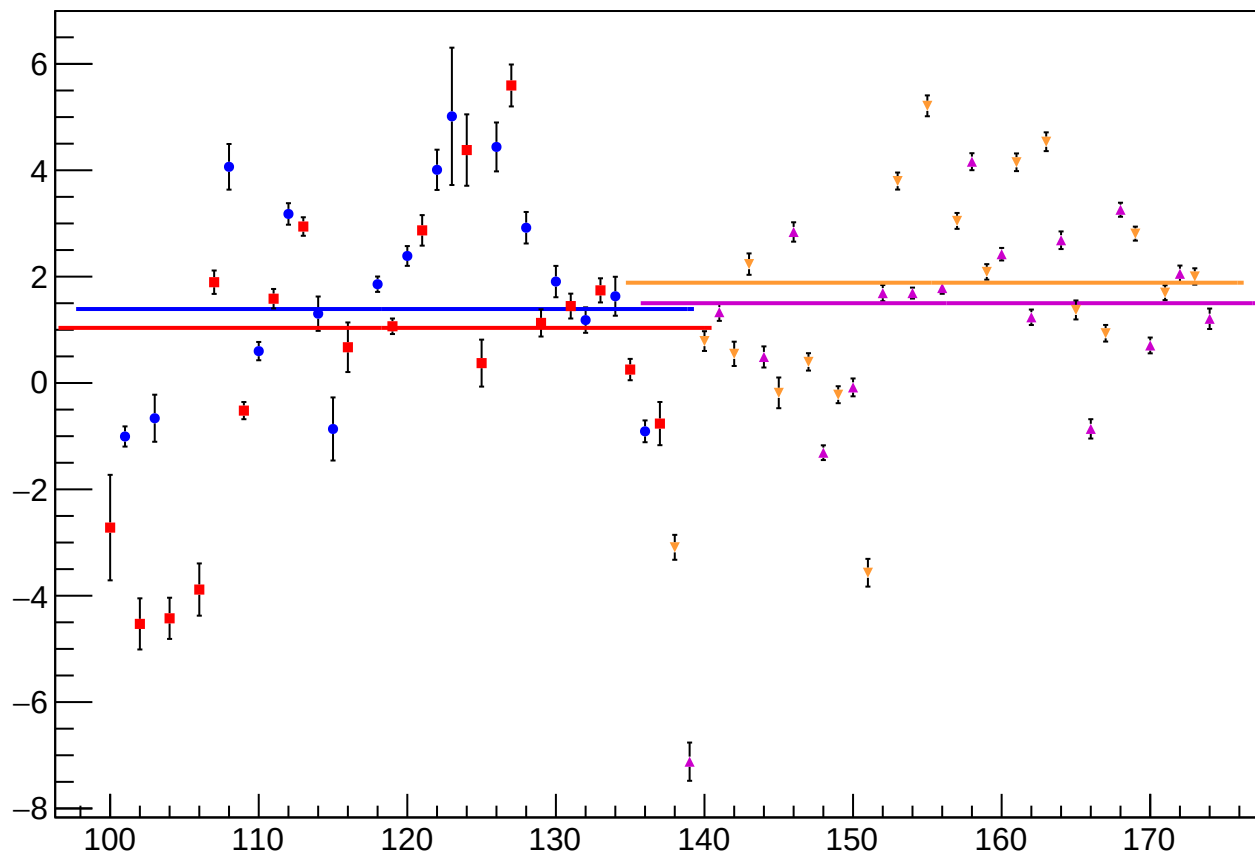
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.849+/-0.047 χ^2/NDF :38294.3/17

Out: -22.645+/-0.053 χ^2/NDF :62265.4/18

All: -20.532+/-0.035 χ^2/NDF : 103402.6/36

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 1.886 ± 0.039 $\chi^2/\text{NDF}: 2269.0/18$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 1.501 ± 0.035 $\chi^2/\text{NDF}: 1951.1/17$

Left: 1.671 ± 0.026 $\chi^2/\text{NDF}: 4273.2/36$

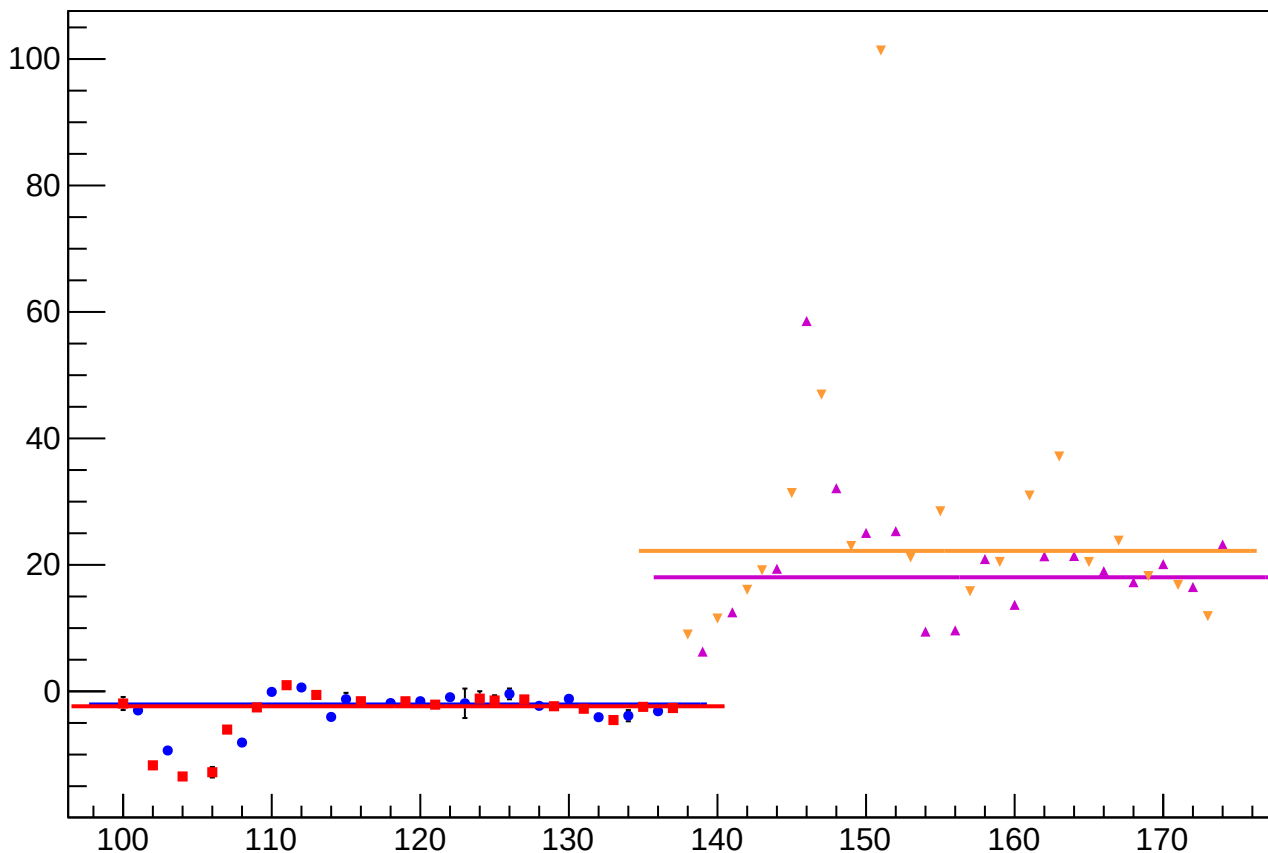
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 1.473 ± 0.030 $\chi^2/\text{NDF}: 2582.7/34$

Out: 1.616 ± 0.033 $\chi^2/\text{NDF}: 3350.5/37$

All: 1.540 ± 0.022 $\chi^2/\text{NDF}: 5943.5/72$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.211 ± 0.053 χ^2/NDF : 55503.1/18

Right Out: -2.362 ± 0.098 χ^2/NDF : 893.4/18

Left In: 18.039 ± 0.046 χ^2/NDF : 36368.7/17

Left: 19.864 ± 0.035 χ^2/NDF : 95409.3/36

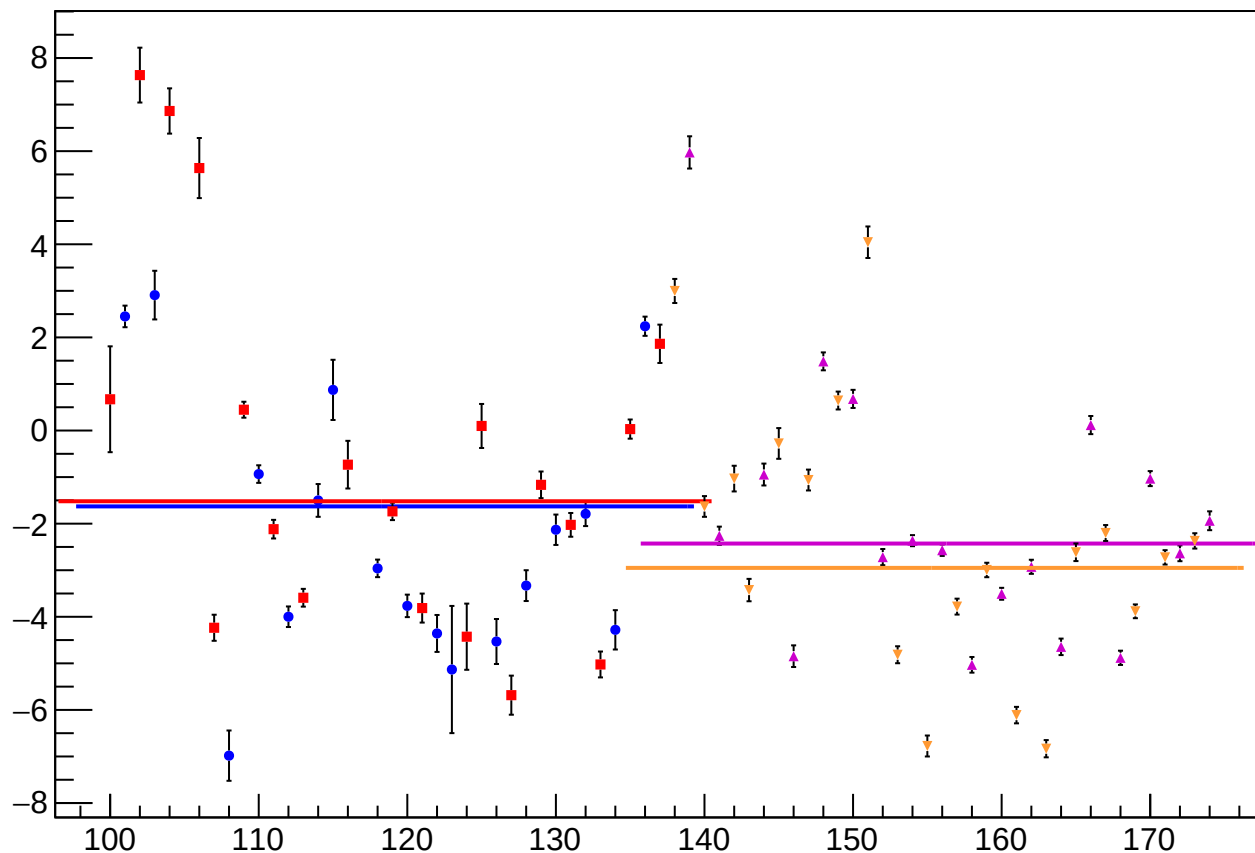
Right: -2.235 ± 0.073 χ^2/NDF : 1339.5/35

In: 15.015 ± 0.043 χ^2/NDF : 65074.9/34

Out: 16.738 ± 0.046 χ^2/NDF : 104974.7/37

All: 15.807 ± 0.031 χ^2/NDF : 170795.4/72

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.950 ± 0.045 χ^2/NDF : 2782.4/18

Right Out: -1.519 ± 0.065 χ^2/NDF : 1491.9/18

Left In: -2.427 ± 0.040 χ^2/NDF : 2399.0/17

Left: -2.659 ± 0.030 χ^2/NDF : 5258.1/36

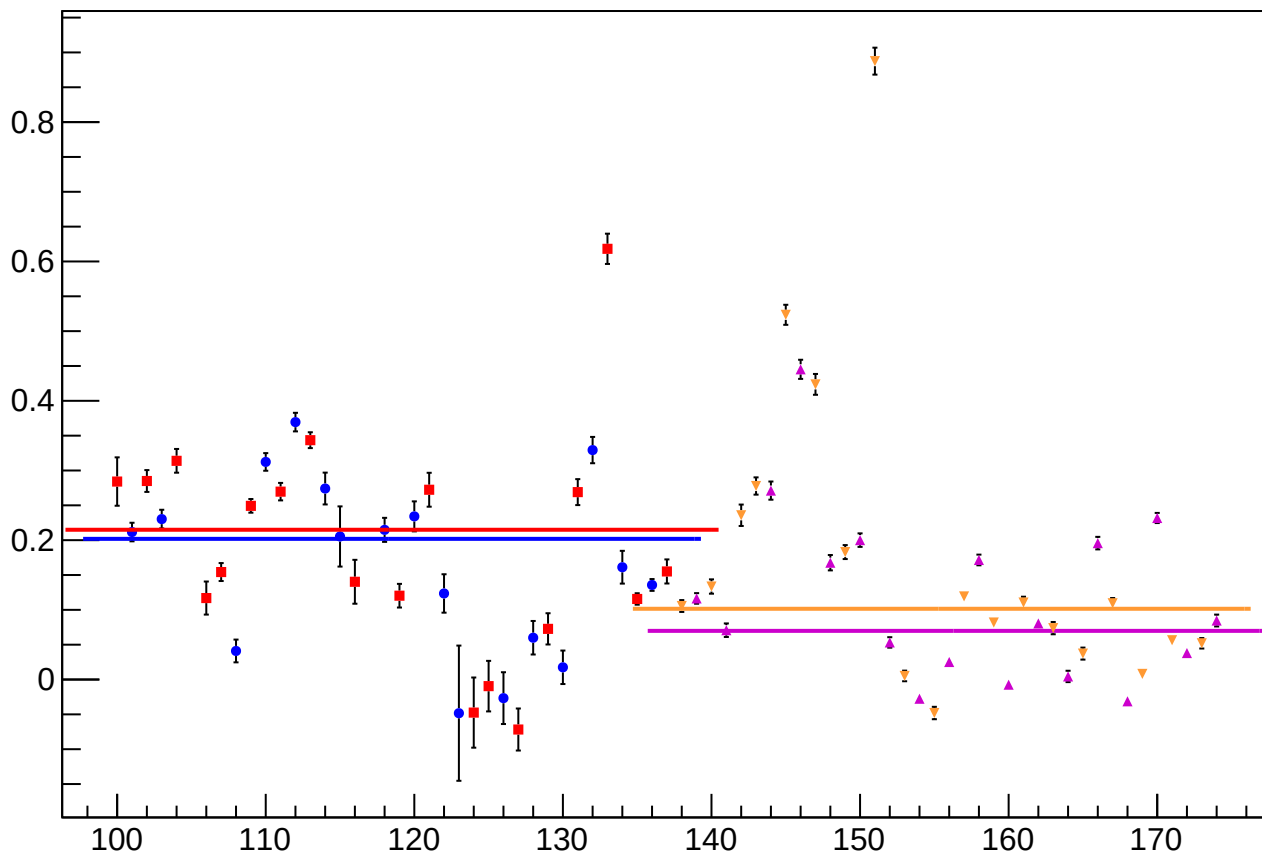
Right: -1.570 ± 0.048 χ^2/NDF : 2759.6/35

In: -2.233 ± 0.035 χ^2/NDF : 3763.4/34

Out: -2.495 ± 0.037 χ^2/NDF : 4602.0/37

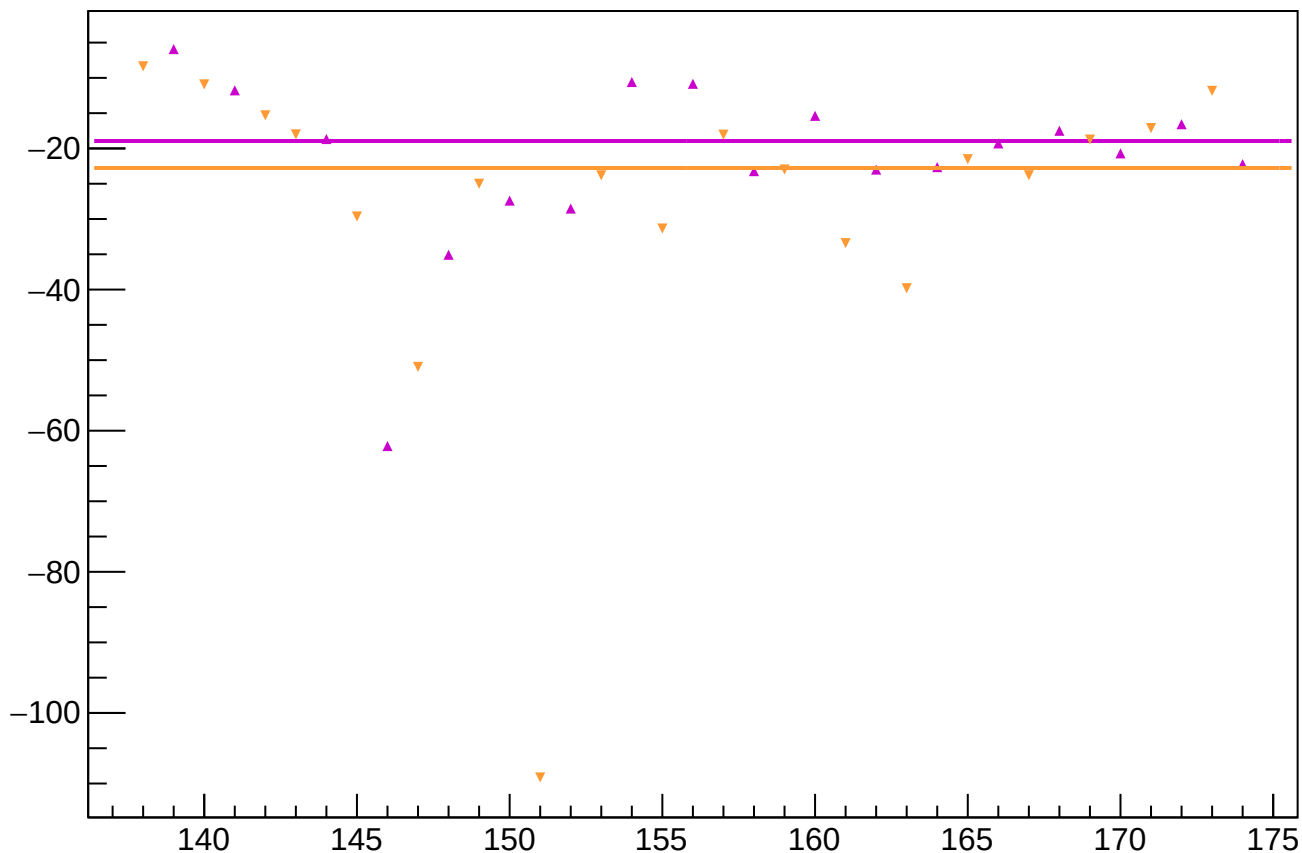
All: -2.356 ± 0.025 χ^2/NDF : 8392.4/72

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.083 $\pm$ 0.001 χ^2 /NDF: 7467.5/36
 Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35
 In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4663.7/34
 Out: 0.127 $\pm$ 0.002 χ^2 /NDF: 5880.6/37
 All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10799.5/72

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.769+/-0.053 χ^2/NDF :62379.9/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Left: -20.639+/-0.036 χ^2/NDF : 103600.1/36

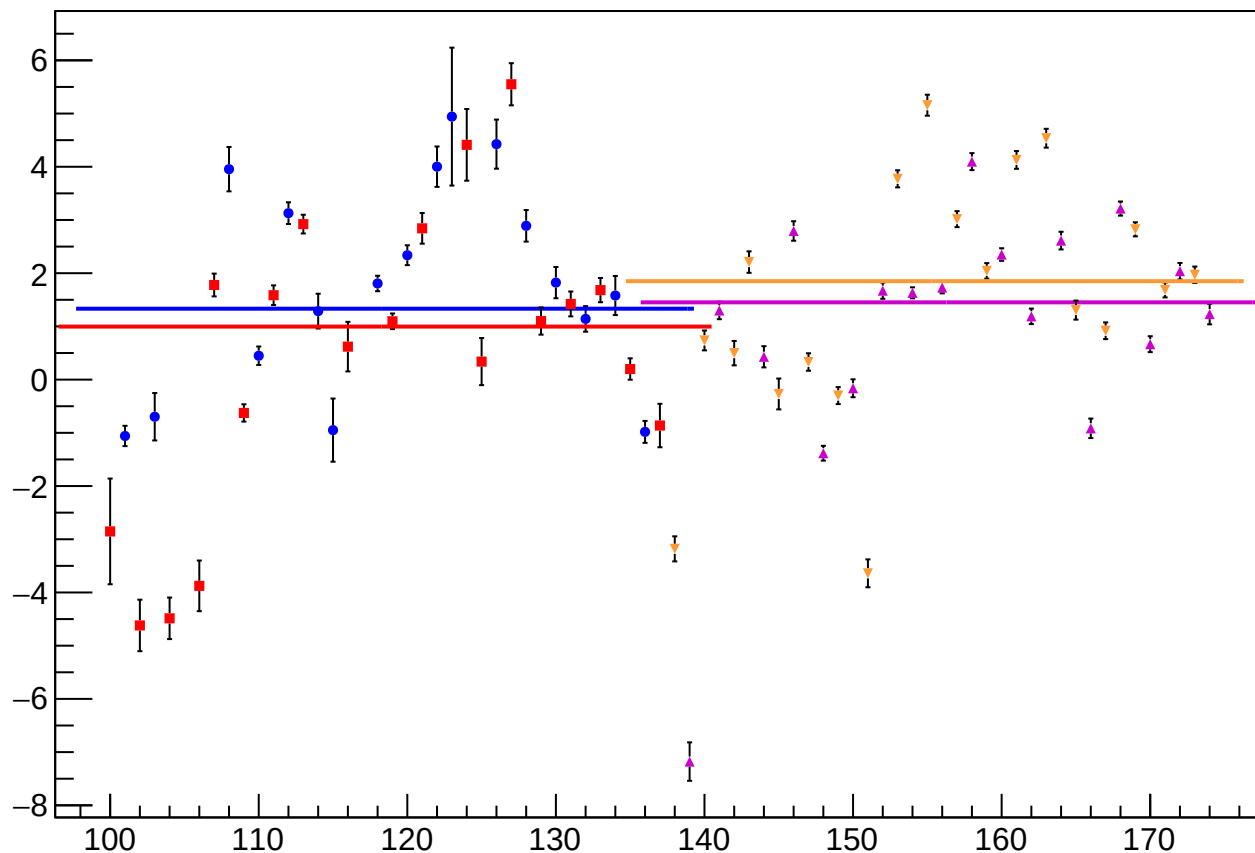
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.944+/-0.048 χ^2/NDF :38357.0/17

Out: -22.769+/-0.053 χ^2/NDF :62379.9/18

All: -20.639+/-0.036 χ^2/NDF : 103600.1/36

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.850 $\pm$ 0.040 χ^2 /NDF:2291.2/18

Right Out: 0.997 $\pm$ 0.058 χ^2 /NDF: 945.3/18

Left In: 1.452 $\pm$ 0.035 χ^2 /NDF:1941.0/17

Left: 1.628 $\pm$ 0.026 χ^2 /NDF: 4288.4/36

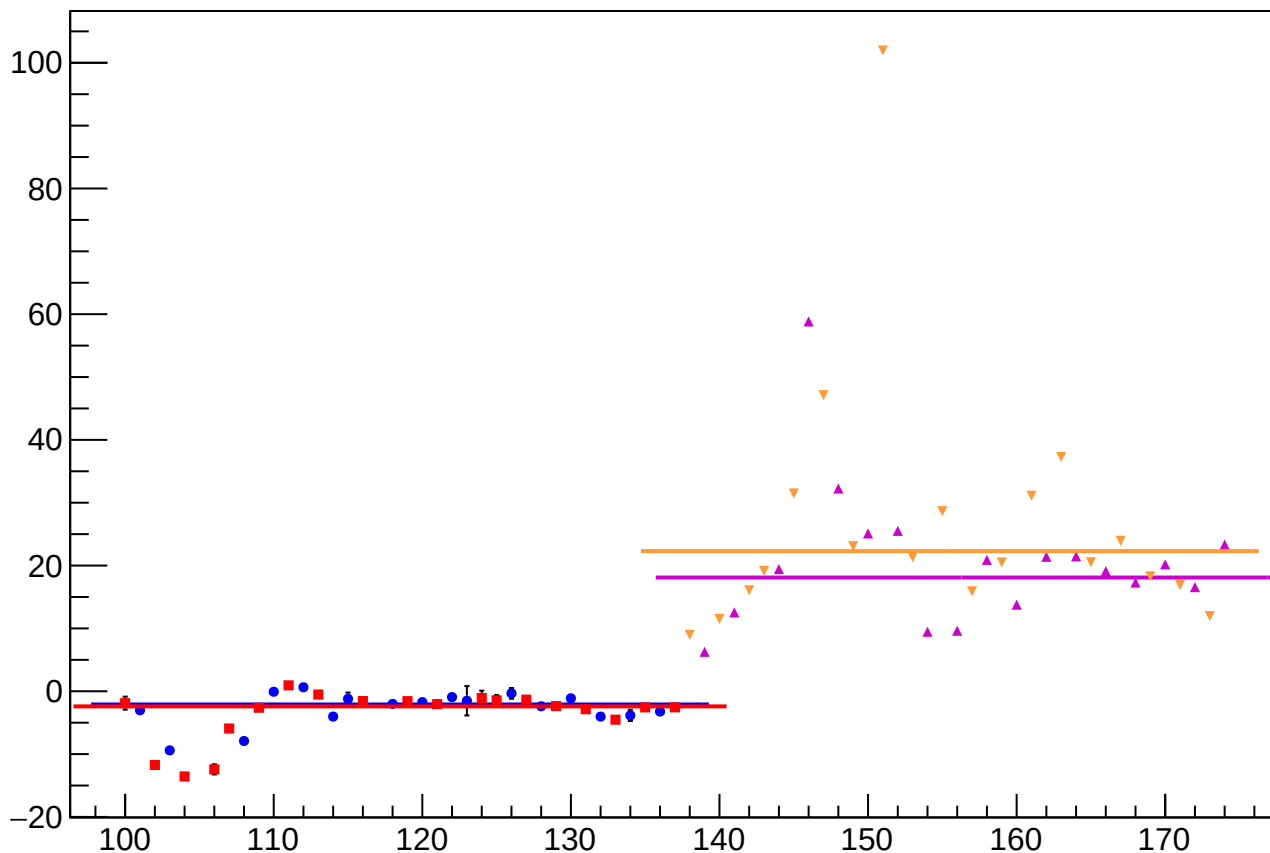
Right: 1.156 $\pm$ 0.042 χ^2 /NDF: 1595.8/35

In: 1.422 $\pm$ 0.031 χ^2 /NDF:2578.4/34

Out: 1.579 $\pm$ 0.033 χ^2 /NDF:3384.3/37

All: 1.495 $\pm$ 0.022 χ^2 /NDF: 5974.9/72

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.300 ± 0.053 χ^2/NDF : 55601.3/18

Right Out: -2.405 ± 0.099 χ^2/NDF : 887.1/18

Left In: 18.095 ± 0.047 χ^2/NDF : 36446.4/17

Left: 19.933 ± 0.035 χ^2/NDF : 95612.9/36

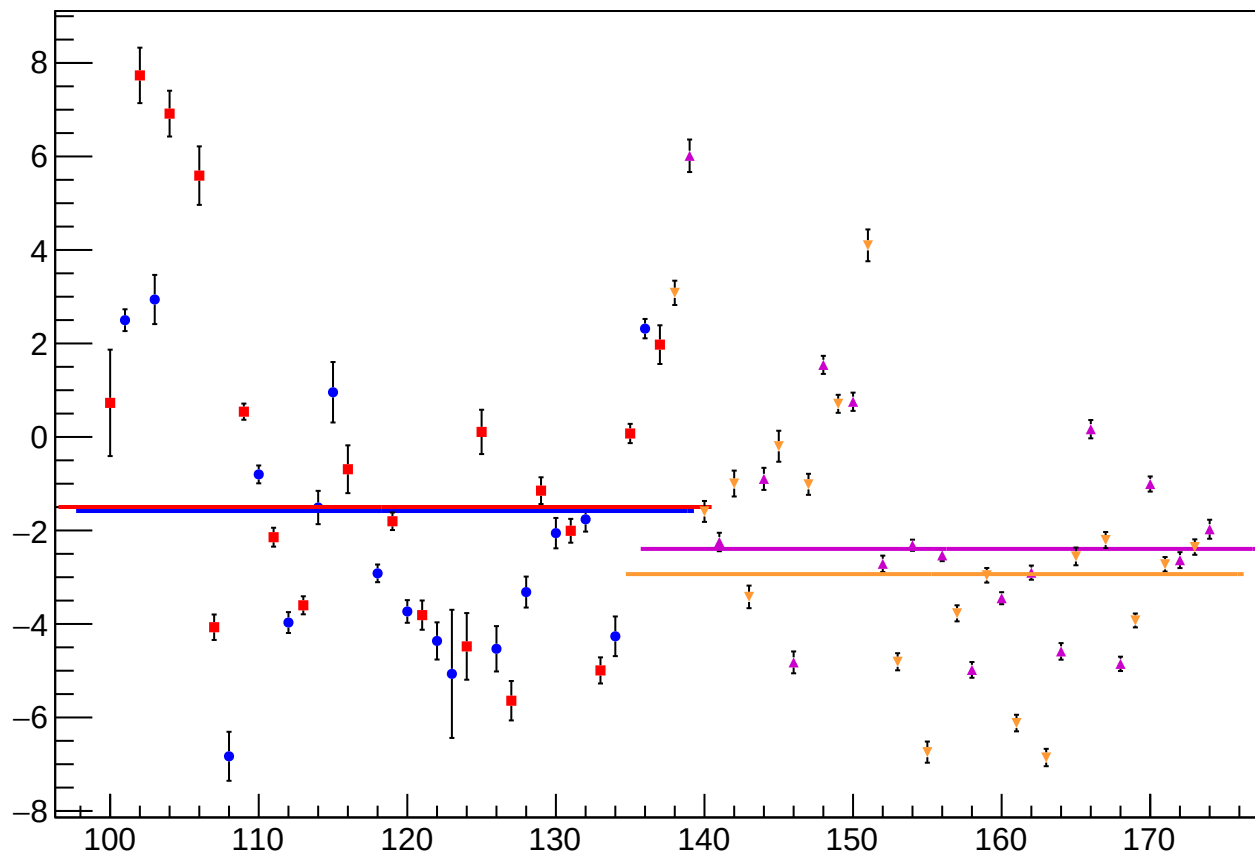
Right: -2.272 ± 0.074 χ^2/NDF : 1331.5/35

In: 15.066 ± 0.043 χ^2/NDF : 65098.2/34

Out: 16.804 ± 0.047 χ^2/NDF : 105125.1/37

All: 15.864 ± 0.032 χ^2/NDF : 170975.2/72

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -2.933 ± 0.045 $\chi^2/\text{NDF}: 2810.6/18$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -2.394 ± 0.040 $\chi^2/\text{NDF}: 2387.2/17$

Left: -2.633 ± 0.030 $\chi^2/\text{NDF}: 5278.7/36$

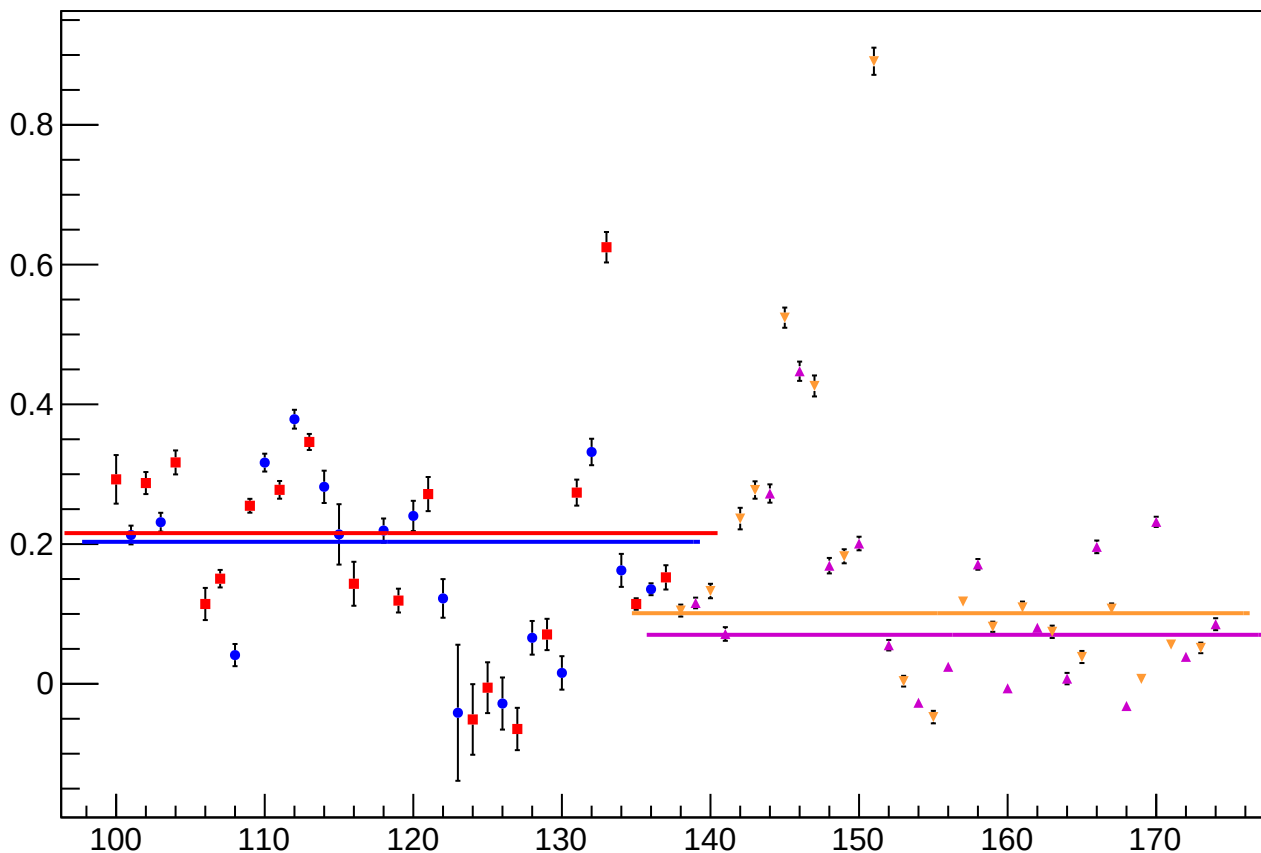
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -2.198 ± 0.035 $\chi^2/\text{NDF}: 3759.5/34$

Out: -2.477 ± 0.037 $\chi^2/\text{NDF}: 4641.6/37$

All: -2.329 ± 0.025 $\chi^2/\text{NDF}: 8431.5/72$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.101 $\pm$ 0.002 χ^2 /NDF: 4126.5/18

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.070 $\pm$ 0.002 χ^2 /NDF: 3163.2/17

Left: 0.083 $\pm$ 0.001 χ^2 /NDF: 7425.9/36

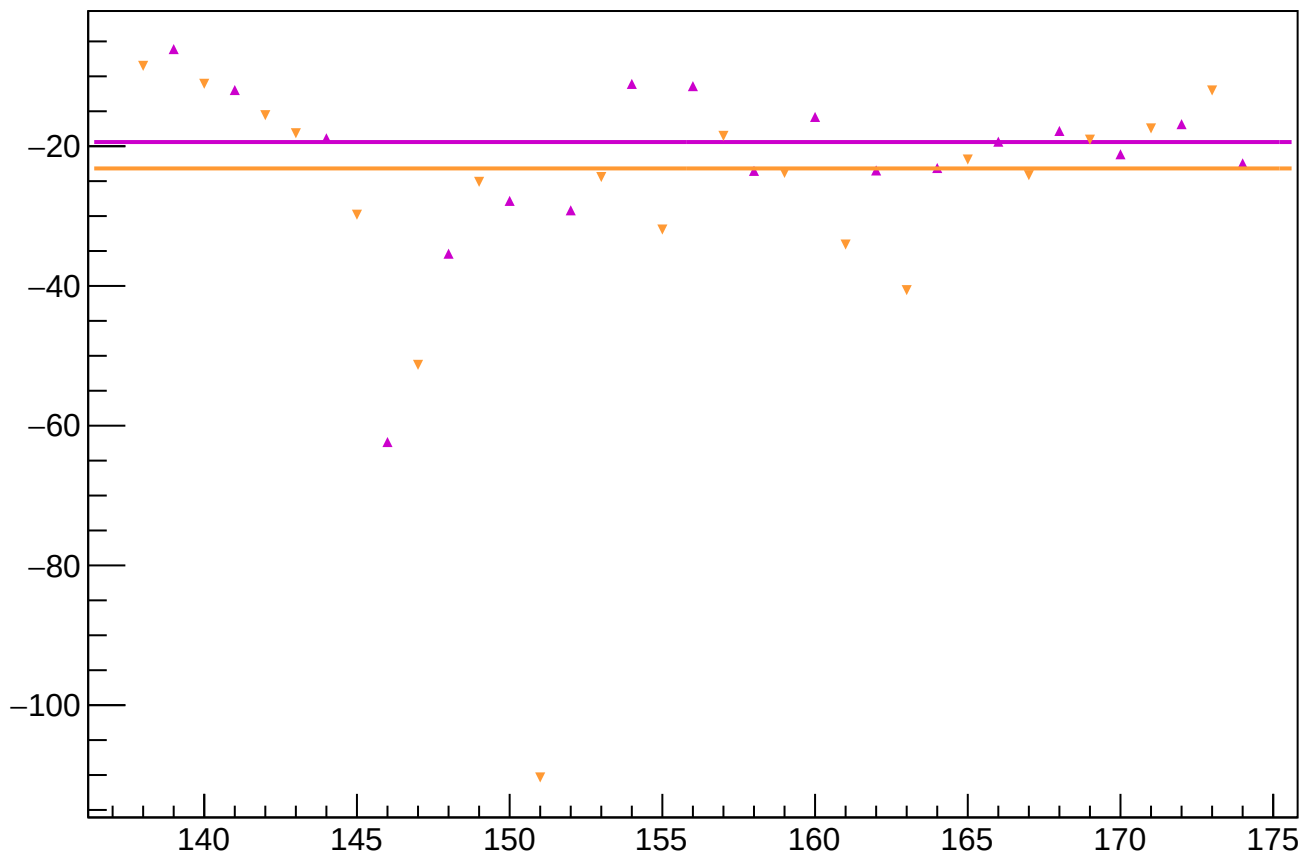
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.090 $\pm$ 0.002 χ^2 /NDF: 4677.7/34

Out: 0.127 $\pm$ 0.002 χ^2 /NDF: 5913.1/37

All: 0.107 $\pm$ 0.001 χ^2 /NDF: 10836.5/72

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.182+/-0.054 χ^2/NDF : 62234.2/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.405+/-0.049 χ^2/NDF : 37219.9/17

Left: -21.086+/-0.036 χ^2/NDF : 102129.7/36

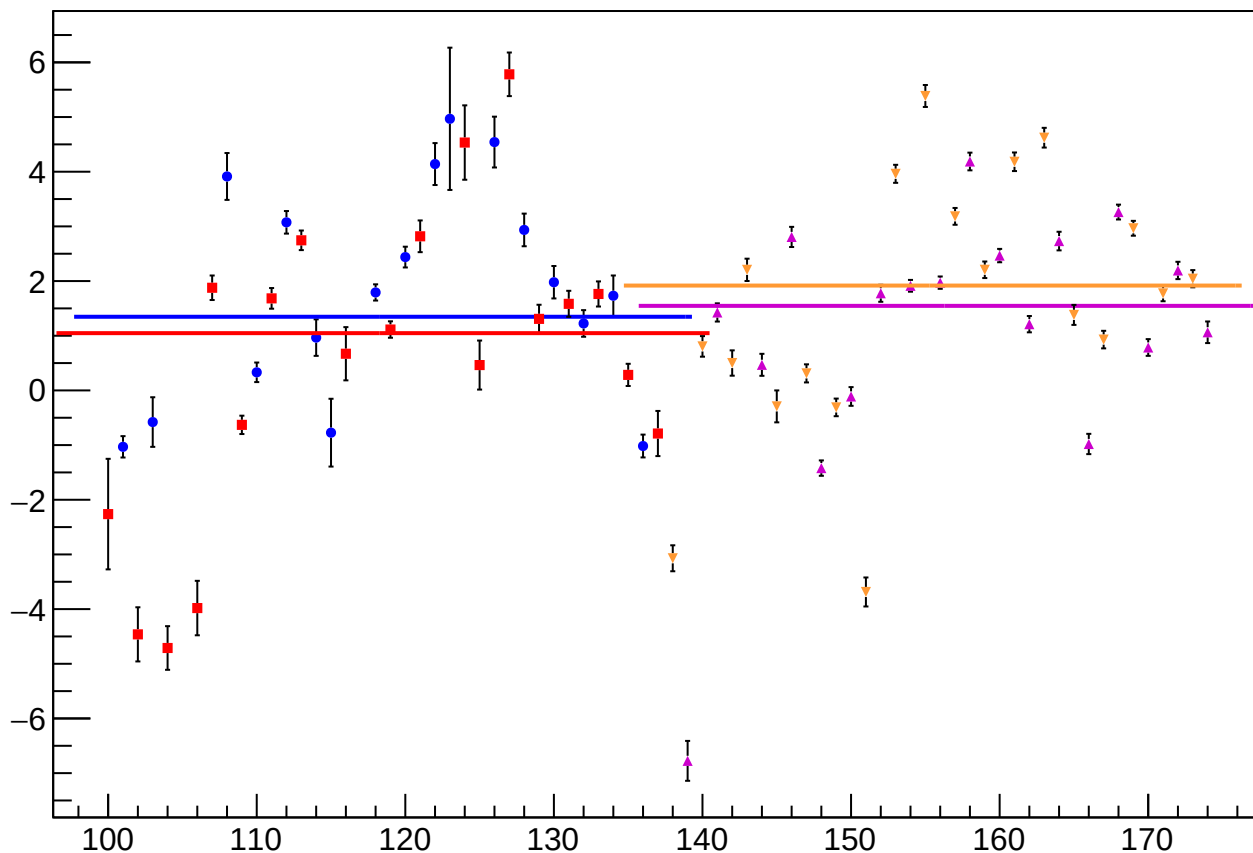
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.405+/-0.049 χ^2/NDF : 37219.9/17

Out: -23.182+/-0.054 χ^2/NDF : 62234.2/18

All: -21.086+/-0.036 χ^2/NDF : 102129.7/36

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.918 ± 0.040 χ^2/NDF : 2337.1/18

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 1.547 ± 0.036 χ^2/NDF : 1931.3/17

Left: 1.712 ± 0.027 χ^2/NDF : 4315.3/36

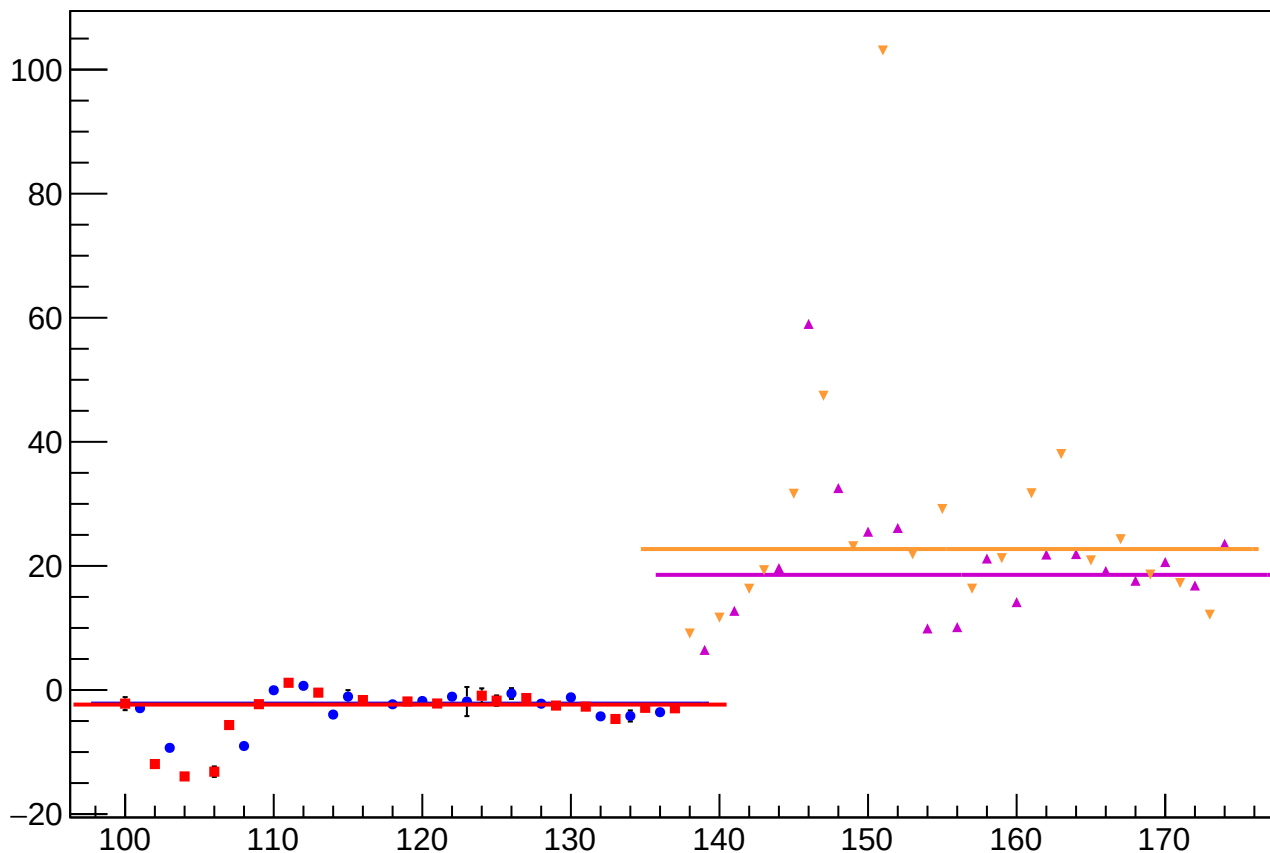
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 1.496 ± 0.031 χ^2/NDF : 2569.1/34

Out: 1.641 ± 0.033 χ^2/NDF : 3400.7/37

All: 1.564 ± 0.023 χ^2/NDF : 5979.9/72

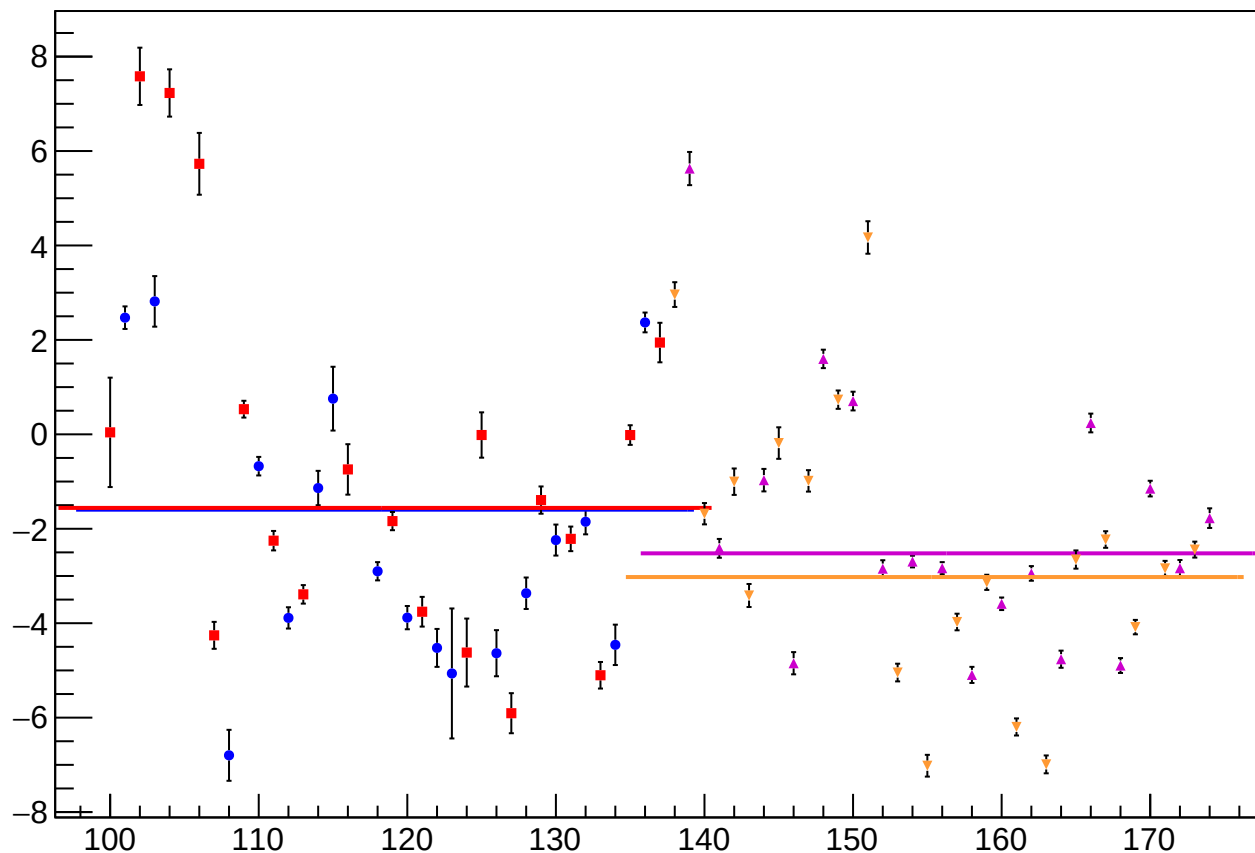
reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$
 Left Out: 22.720 ± 0.054 $\chi^2/\text{NDF}: 55345.9/18$
 Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$
 Left In: 18.560 ± 0.048 $\chi^2/\text{NDF}: 35151.7/17$

Left: 20.388 ± 0.036 $\chi^2/\text{NDF}: 93838.0/36$
 Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$
 In: 15.414 ± 0.044 $\chi^2/\text{NDF}: 64310.0/34$
 Out: 17.154 ± 0.048 $\chi^2/\text{NDF}: 104300.2/37$
 All: 16.216 ± 0.032 $\chi^2/\text{NDF}: 169332.6/72$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595±/0.072 χ^2/NDF : 1255.4/16

Left Out: -3.022±/0.046 χ^2/NDF : 2853.4/18

Right Out: -1.558±/0.067 χ^2/NDF : 1463.8/18

Left In: -2.520±/0.041 χ^2/NDF : 2356.4/17

Left: -2.744±/0.030 χ^2/NDF : 5276.9/36

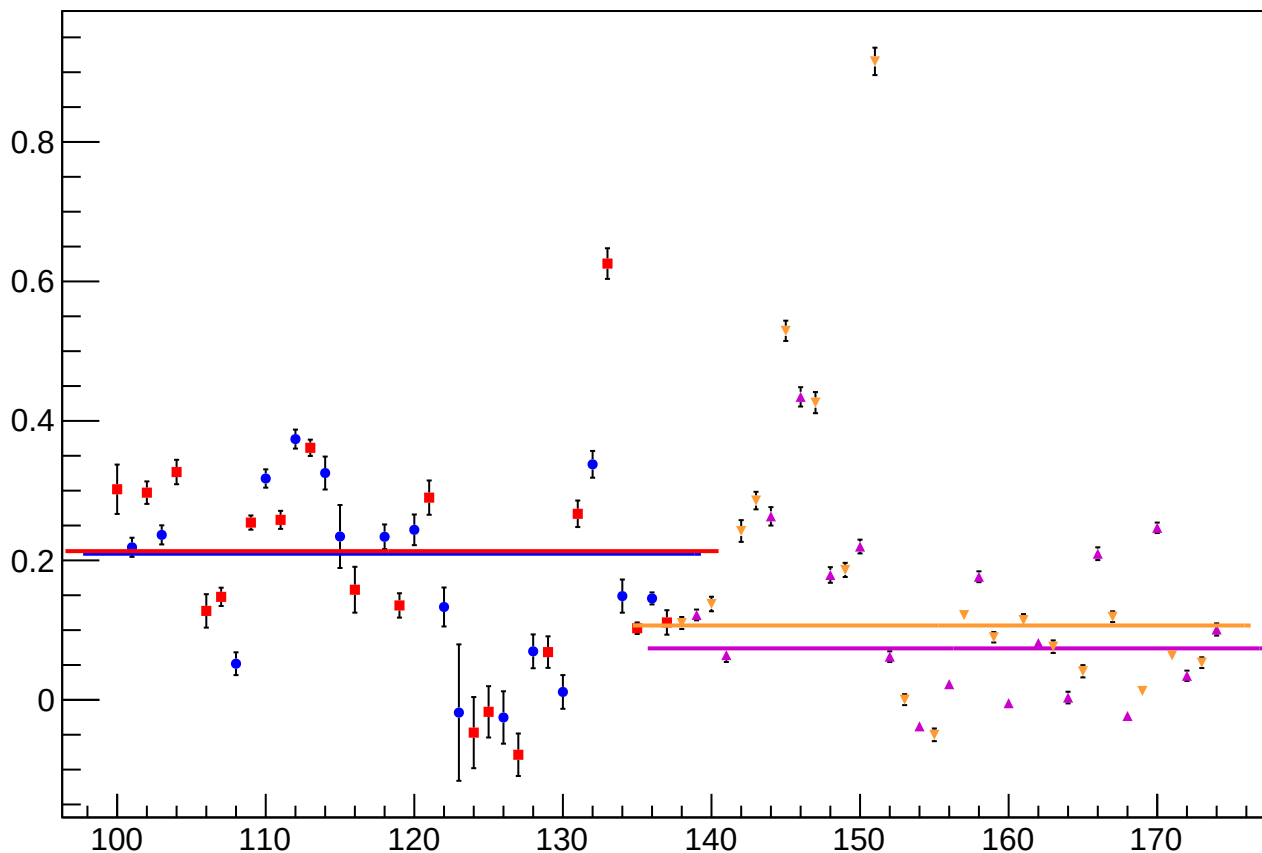
Right: -1.575±/0.049 χ^2/NDF : 2719.3/35

In: -2.294±/0.036 χ^2/NDF : 3737.4/34

Out: -2.557±/0.038 χ^2/NDF : 4644.4/37

All: -2.417±/0.026 χ^2/NDF : 8407.8/72

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.107 $\pm$ 0.002 χ^2 /NDF: 4159.8/18

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.074 $\pm$ 0.002 χ^2 /NDF: 3259.9/17

Left: 0.088 $\pm$ 0.001 χ^2 /NDF: 7566.3/36

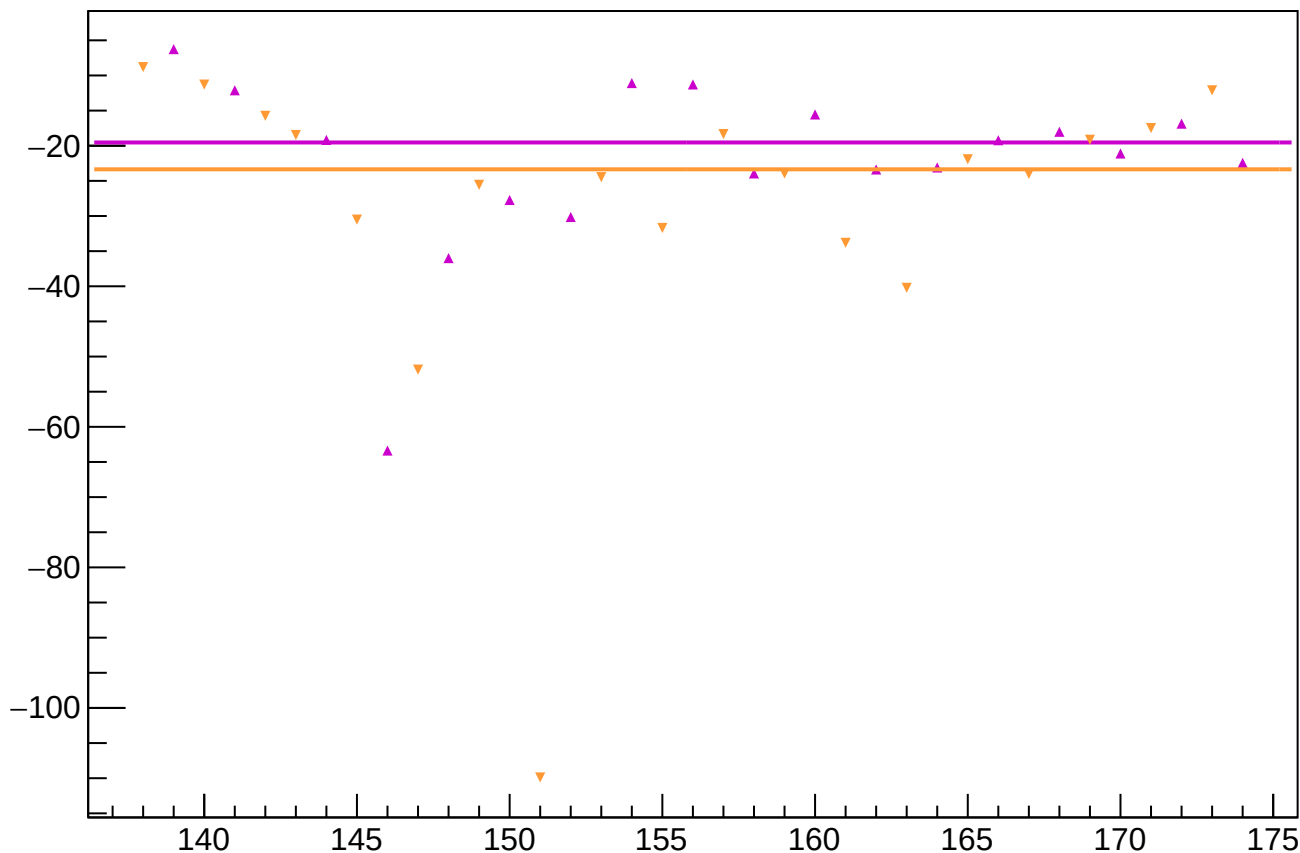
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.094 $\pm$ 0.002 χ^2 /NDF: 4740.5/34

Out: 0.131 $\pm$ 0.002 χ^2 /NDF: 5884.9/37

All: 0.111 $\pm$ 0.001 χ^2 /NDF: 10852.9/72

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.357+/-0.055 χ^2/NDF : 61008.4/18

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Left: -21.241+/-0.037 χ^2/NDF : 101133.6/36

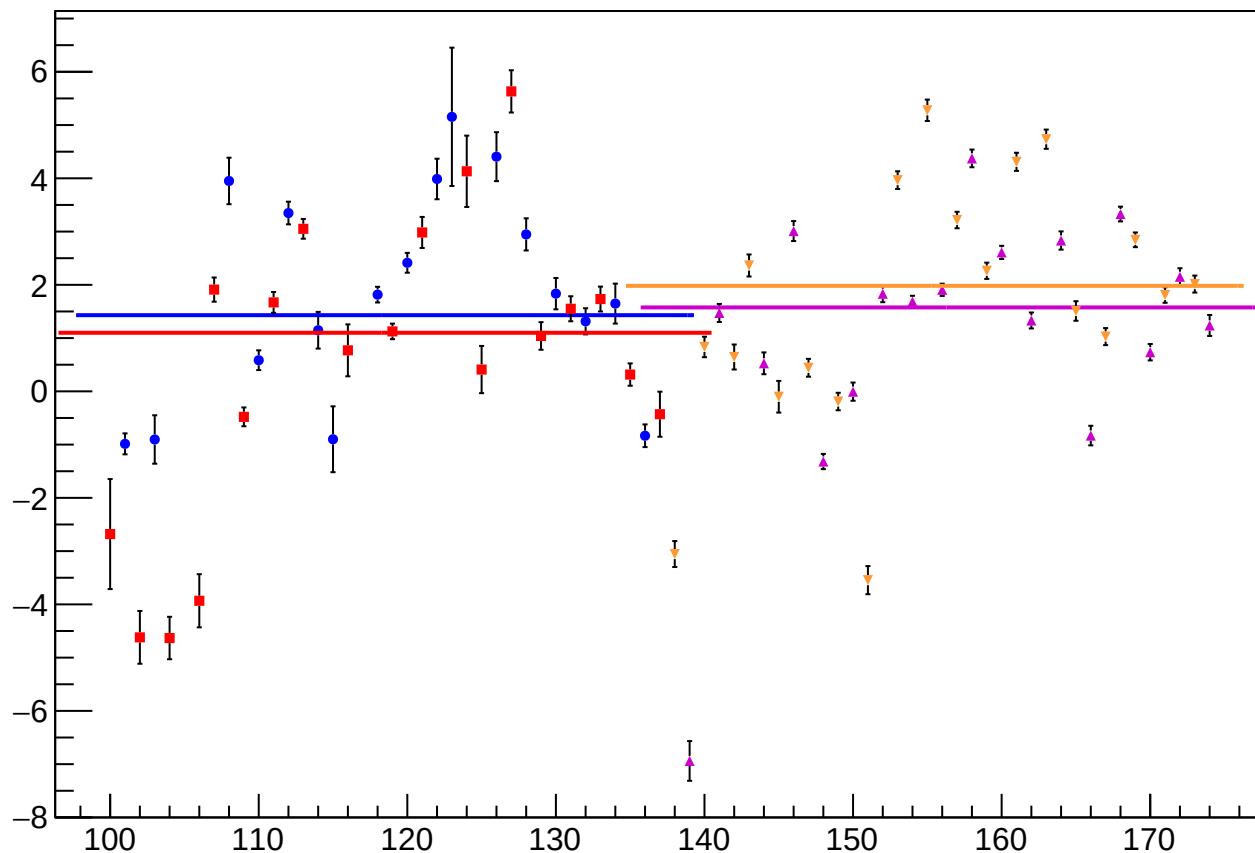
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.535+/-0.049 χ^2/NDF : 37445.9/17

Out: -23.357+/-0.055 χ^2/NDF : 61008.4/18

All: -21.241+/-0.037 χ^2/NDF : 101133.6/36

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2/NDF : 598.0/16

Left Out: 1.981 $\pm$ 0.041 χ^2/NDF :2225.7/18

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 1.576 $\pm$ 0.037 χ^2/NDF :1901.5/17

Left: 1.757 $\pm$ 0.027 χ^2/NDF : 4181.8/36

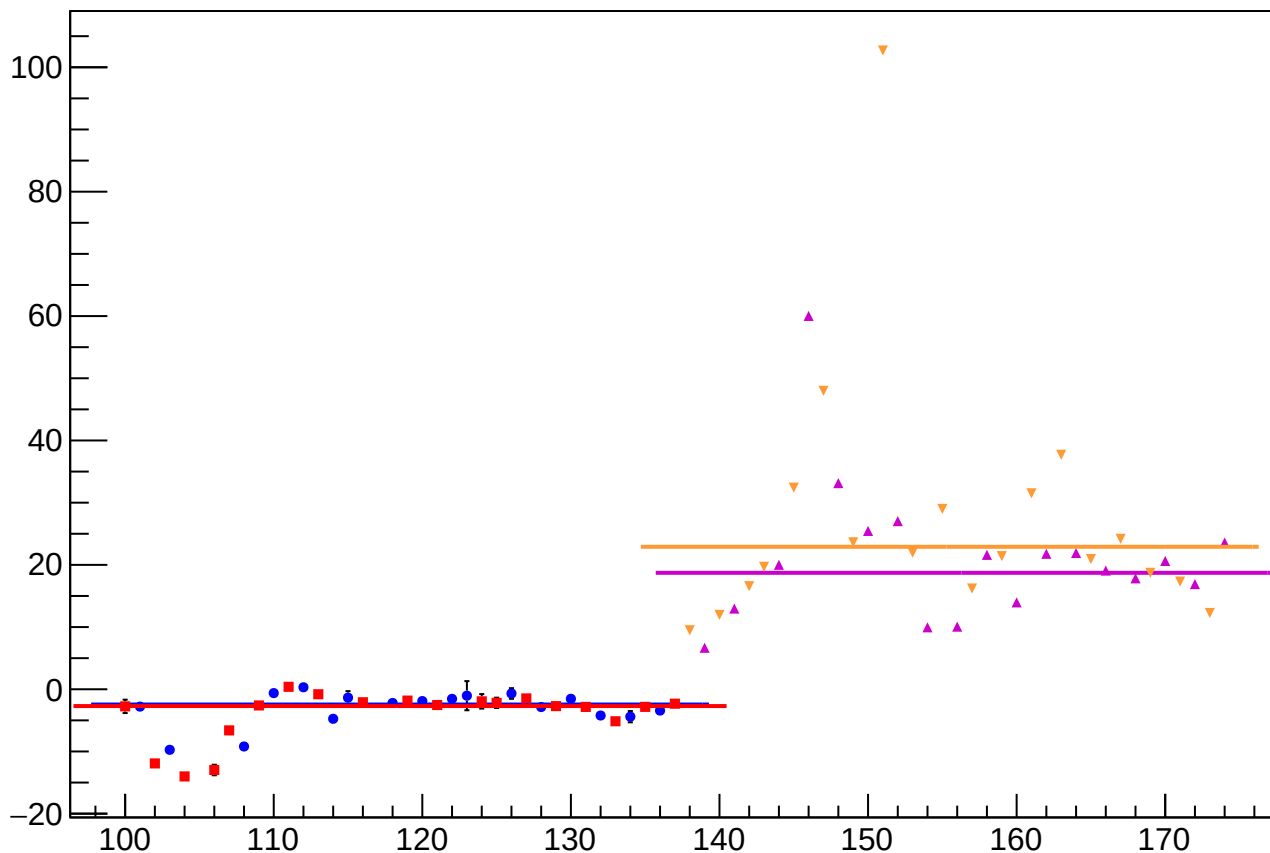
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 1.539 $\pm$ 0.032 χ^2/NDF :2503.5/34

Out: 1.703 $\pm$ 0.034 χ^2/NDF :3274.5/37

All: 1.616 $\pm$ 0.023 χ^2/NDF : 5790.6/72

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 χ^2/NDF : 419.1/16

Left Out: 22.907 ± 0.054 χ^2/NDF : 54359.1/18

Right Out: -2.700 ± 0.103 χ^2/NDF : 829.7/18

Left In: 18.723 ± 0.048 χ^2/NDF : 35398.4/17

Left: 20.568 ± 0.036 χ^2/NDF : 93064.0/36

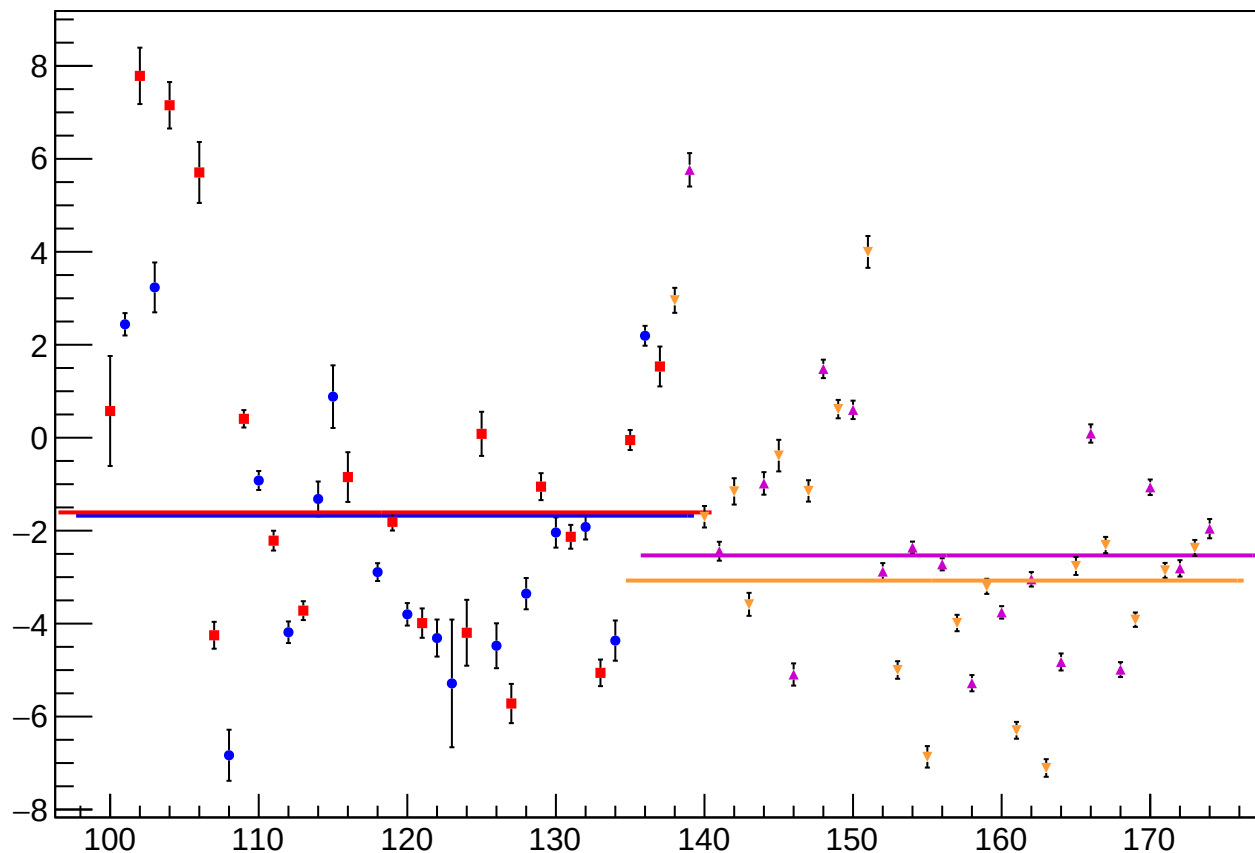
Right: -2.591 ± 0.077 χ^2/NDF : 1251.4/35

In: 15.526 ± 0.045 χ^2/NDF : 64836.2/34

Out: 17.328 ± 0.048 χ^2/NDF : 103449.4/37

All: 16.357 ± 0.033 χ^2/NDF : 169041.4/72

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -3.074 ± 0.046 χ^2/NDF : 2733.9/18

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -2.533 ± 0.041 χ^2/NDF : 2352.8/17

Left: -2.774 ± 0.031 χ^2/NDF : 5163.0/36

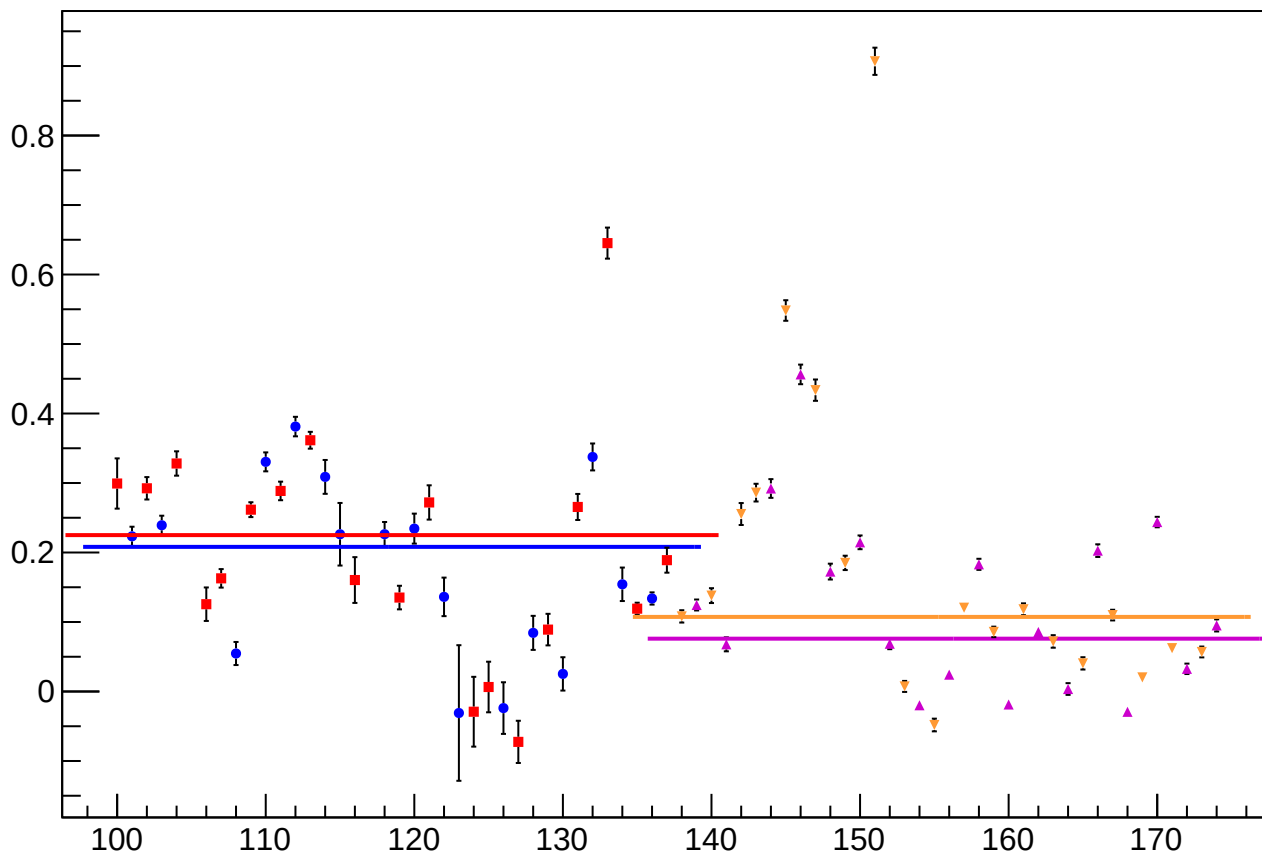
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -2.322 ± 0.036 χ^2/NDF : 3662.8/34

Out: -2.611 ± 0.038 χ^2/NDF : 4484.1/37

All: -2.458 ± 0.026 χ^2/NDF : 8177.4/72

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2/NDF : 600.2/16
 Left Out: 0.107 $\pm$ 0.002 χ^2/NDF :4130.6/18
 Right Out: 0.225 $\pm$ 0.004 χ^2/NDF : 1000.0/18
 Left In: 0.076 $\pm$ 0.002 χ^2/NDF :3230.6/17

Left: 0.090 $\pm$ 0.001 χ^2/NDF : 7491.8/36
 Right: 0.217 $\pm$ 0.003 χ^2/NDF : 1609.0/35
 In: 0.096 $\pm$ 0.002 χ^2/NDF :4645.5/34
 Out: 0.134 $\pm$ 0.002 χ^2/NDF :5862.0/37
 All: 0.113 $\pm$ 0.001 χ^2/NDF : 10743.3/72