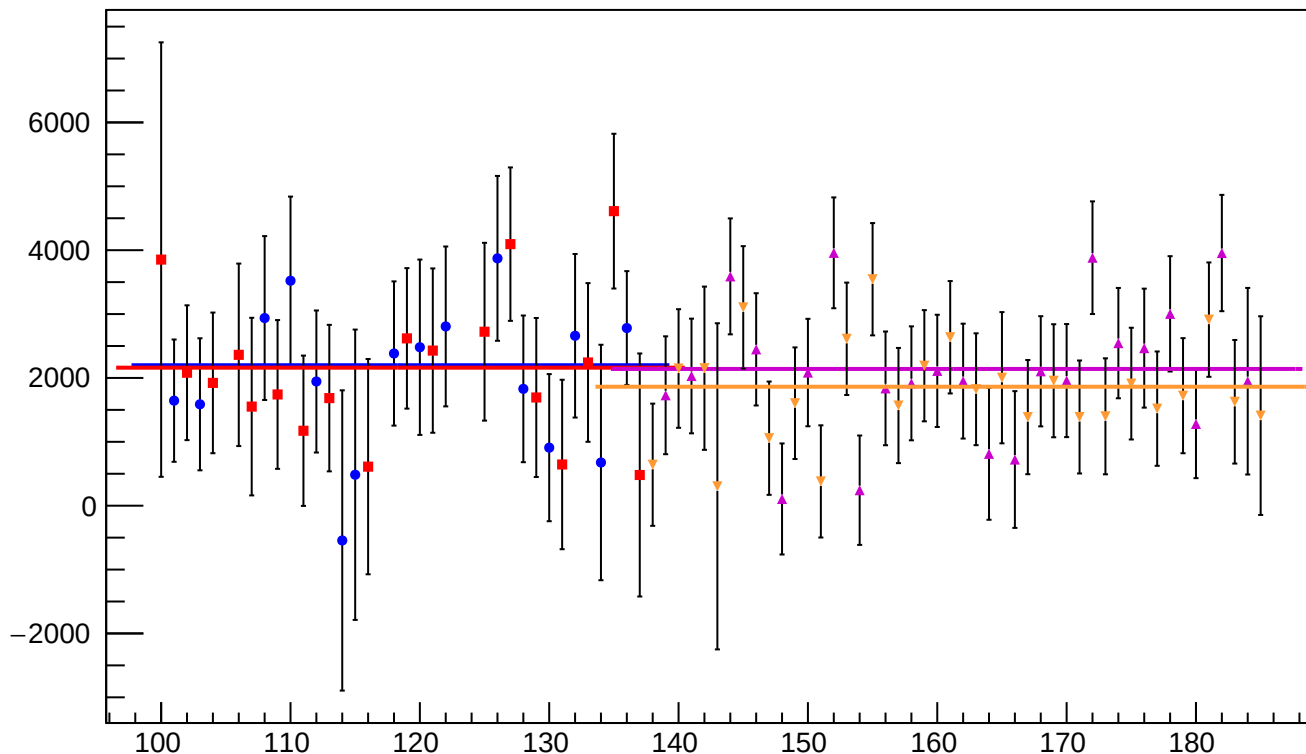


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1862.296+/-188.296

Right Out: 2160.742+/-303.587

Left In: 2140.787+/-189.296

χ^2/NDF : 8.6/15

χ^2/NDF : 15.6/24

χ^2/NDF : 11.7/17

χ^2/NDF : 31.5/22

Left: 2000.805+/-133.497

Right: 2179.612+/-215.784

In: 2156.807+/-161.094

Out: 1945.210+/-160.016

All: 2050.298+/-113.528

χ^2/NDF : 48.2/47

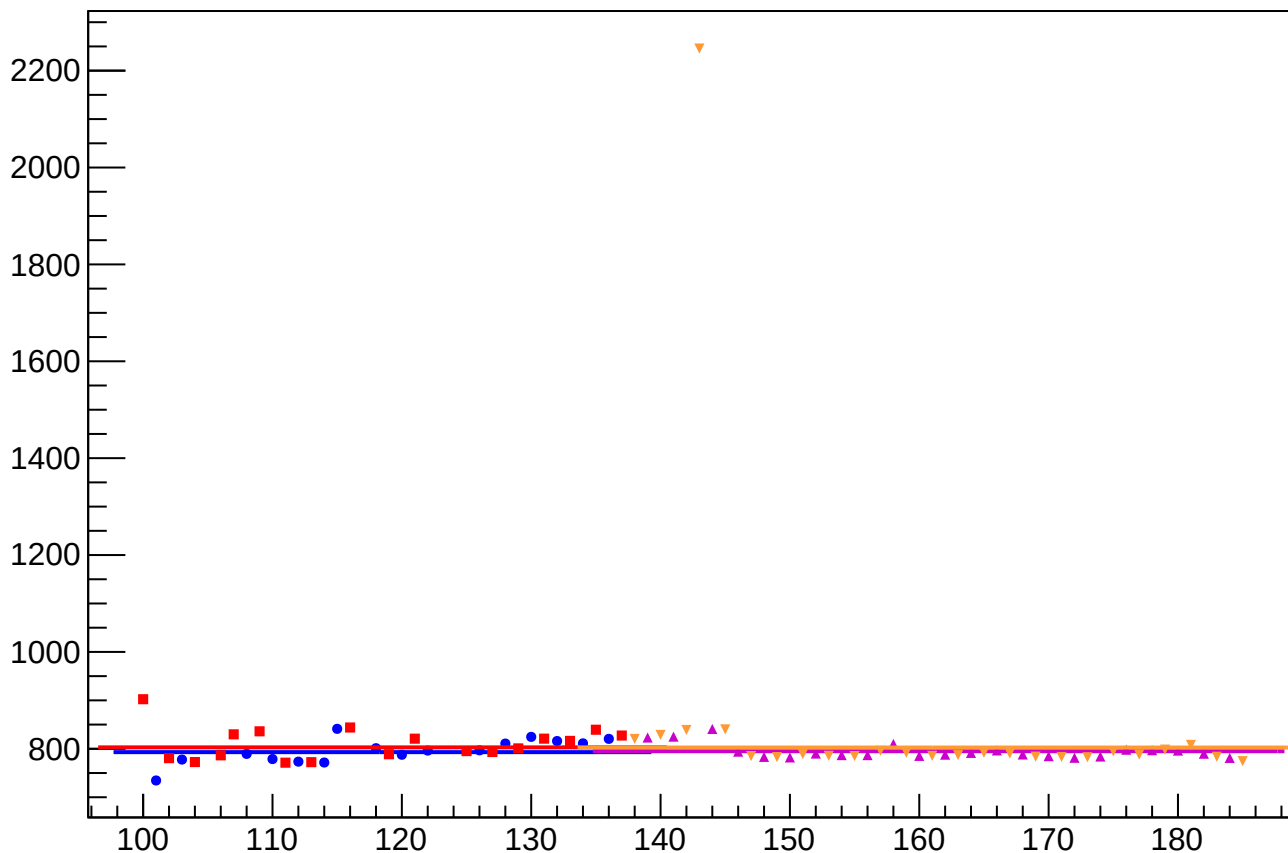
χ^2/NDF : 20.3/33

χ^2/NDF : 40.2/38

χ^2/NDF : 27.9/42

χ^2/NDF : 68.9/81

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 802.611 $\pm$ 0.133 χ^2 /NDF:657202.6/24

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

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

Left: 798.849 $\pm$ 0.094 χ^2 /NDF: 671713.7/47

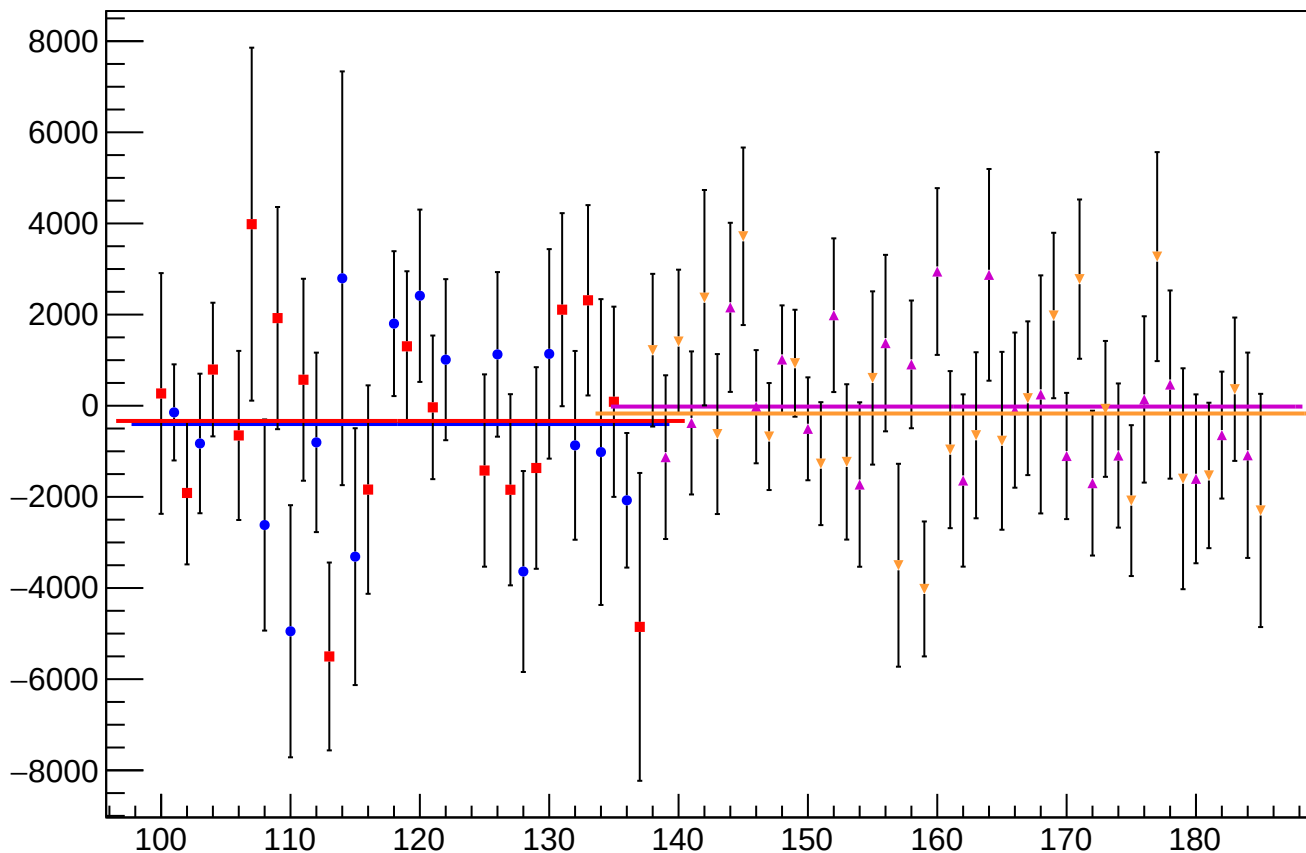
Right: 798.070 $\pm$ 0.153 χ^2 /NDF: 30191.5/33

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

Out: 802.704 $\pm$ 0.113 χ^2 /NDF:671650.0/42

All: 798.633 $\pm$ 0.080 χ^2 /NDF: 701924.0/81

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -170.590 ± 336.848 $\chi^2/\text{NDF}: 28.3/24$

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

Left In: -18.629 ± 339.158 $\chi^2/\text{NDF}: 14.4/22$

Left: -95.129 ± 239.000 $\chi^2/\text{NDF}: 42.8/47$

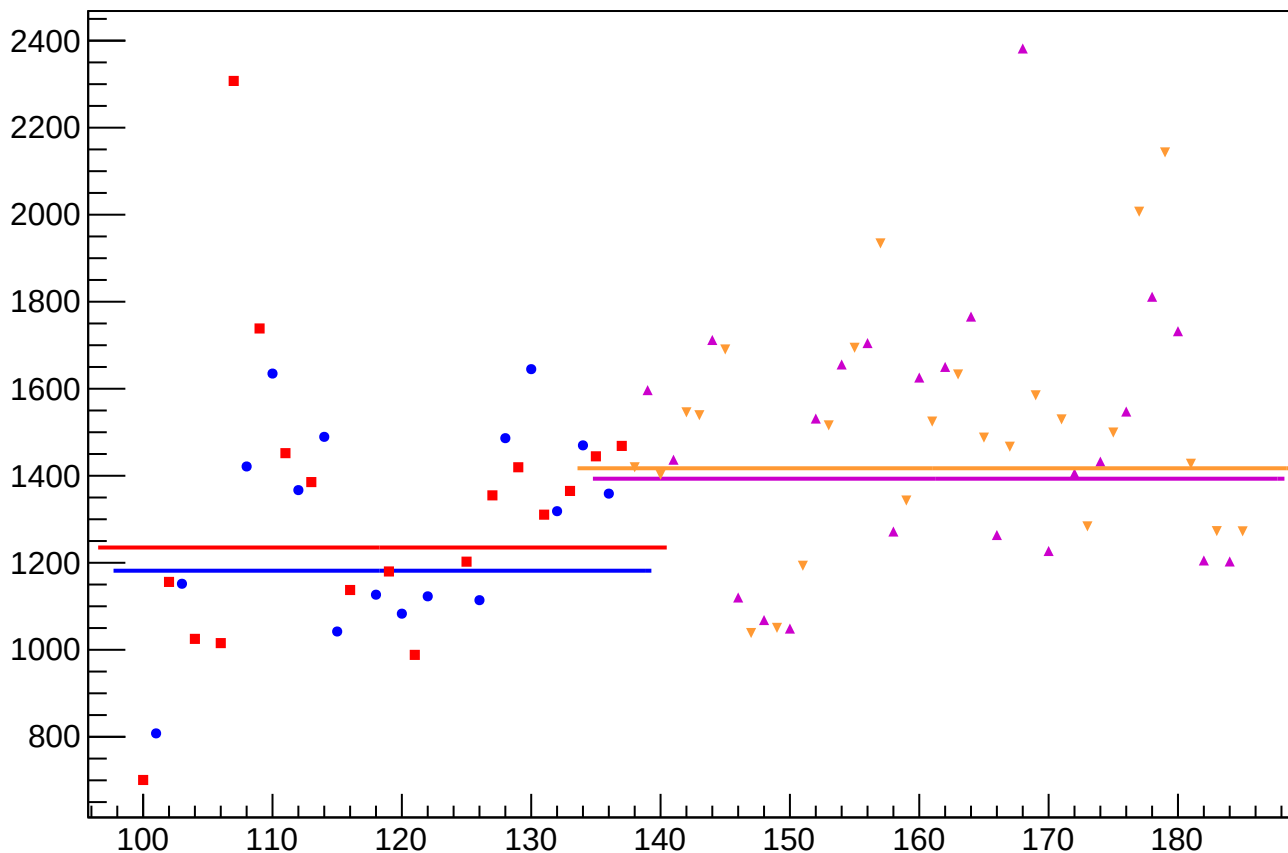
Right: -368.430 ± 334.812 $\chi^2/\text{NDF}: 32.3/33$

In: -150.209 ± 274.760 $\chi^2/\text{NDF}: 29.6/38$

Out: -224.741 ± 275.438 $\chi^2/\text{NDF}: 45.9/42$

All: -187.383 ± 194.524 $\chi^2/\text{NDF}: 75.5/81$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1417.202 $\pm$ 0.238 χ^2 /NDF: 1097052.5/24

Right Out: 1235.094 $\pm$ 0.338 χ^2 /NDF: 540252.3/17

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

Left: 1405.297 $\pm$ 0.169 χ^2 /NDF: 2406263.7/47

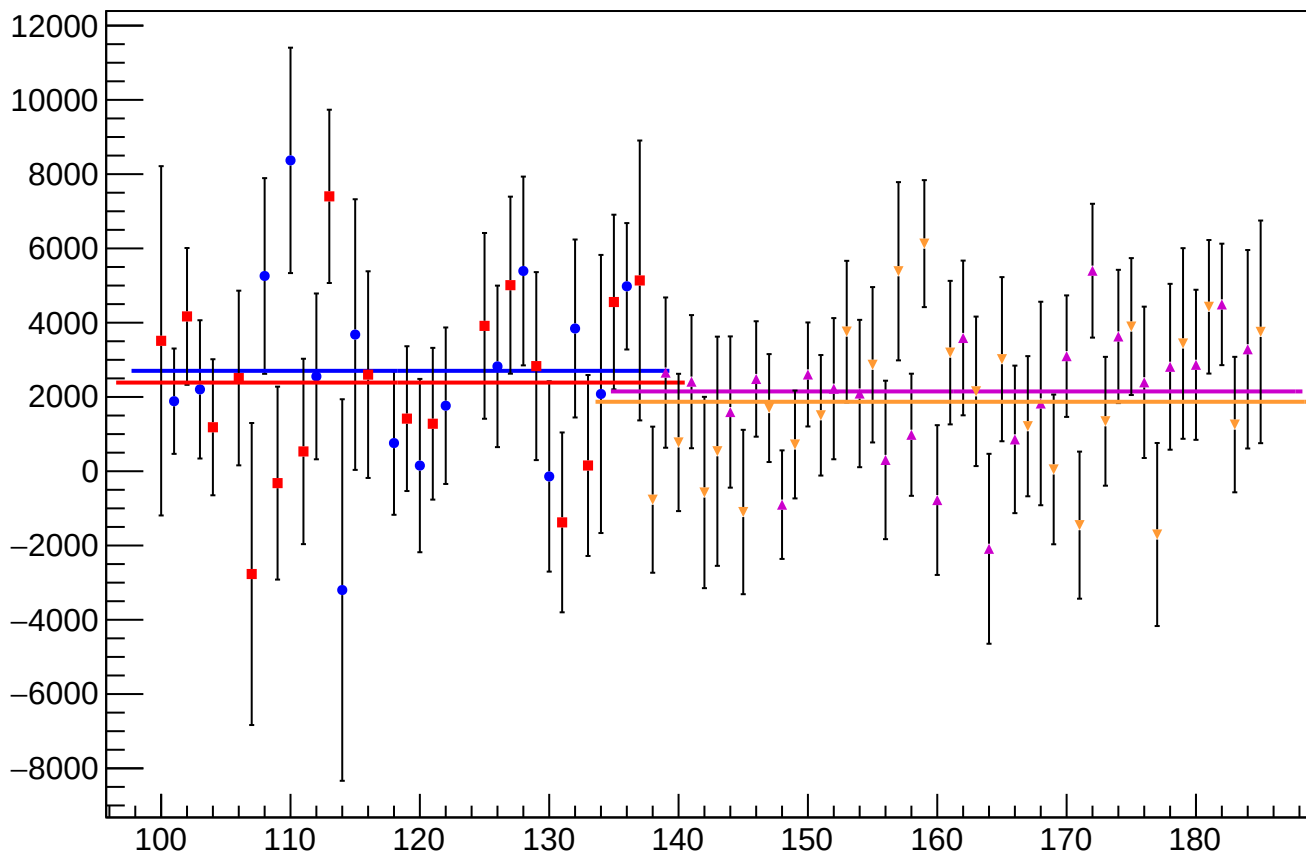
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

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

Out: 1356.855 $\pm$ 0.195 χ^2 /NDF: 1831013.2/42

All: 1338.657 $\pm$ 0.138 χ^2 /NDF: 3963319.4/81

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1870.518 $\pm$ 391.524 χ^2 /NDF: 26.1/24

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

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

Left: 2009.624 $\pm$ 276.917 χ^2 /NDF: 44.8/47

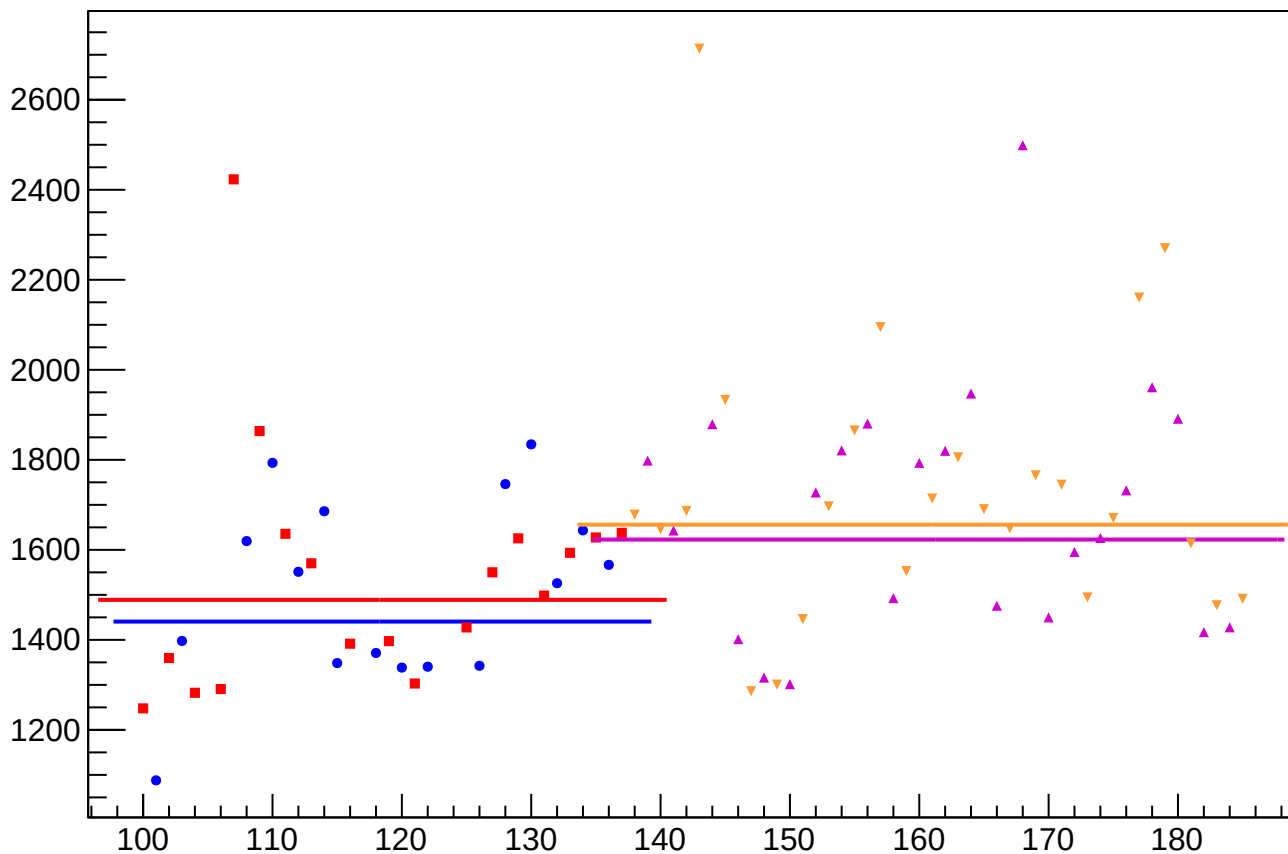
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 2036.484 $\pm$ 322.592 χ^2 /NDF: 42.8/42

All: 2183.186 $\pm$ 227.835 χ^2 /NDF: 75.3/81

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1655.991 $\pm$ 0.277 χ^2 /NDF: 910484.9/24

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

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

Left: 1639.442 $\pm$ 0.196 χ^2 /NDF: 1698157.5/47

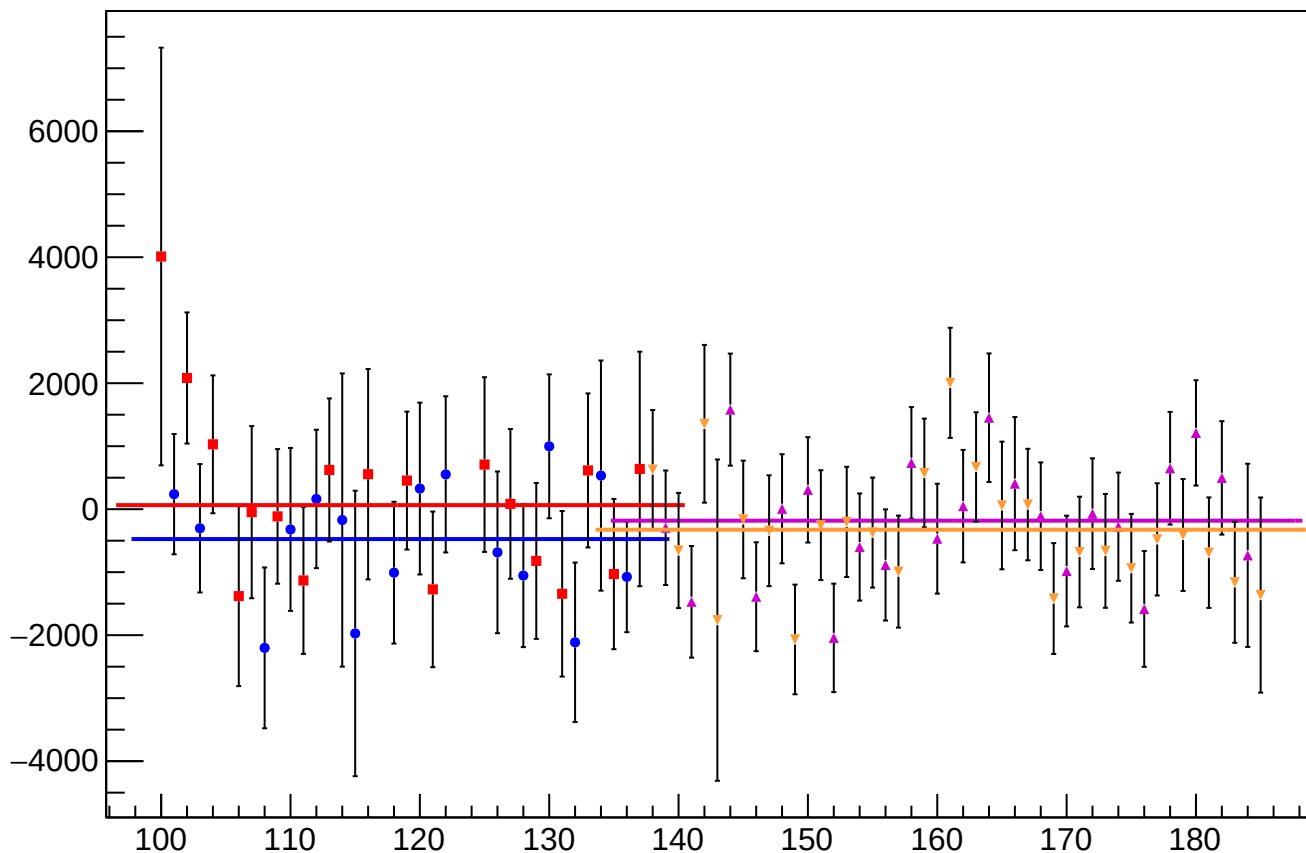
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

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

Out: 1602.348 $\pm$ 0.228 χ^2 /NDF: 1284242.5/42

All: 1582.953 $\pm$ 0.161 χ^2 /NDF: 2502119.8/81

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -325.744 $\pm$ 186.404 χ^2 /NDF:21.5/24

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

Left In: -182.204 $\pm$ 187.476 χ^2 /NDF:25.6/22

Left: -254.385 $\pm$ 132.185 χ^2 /NDF: 47.4/47

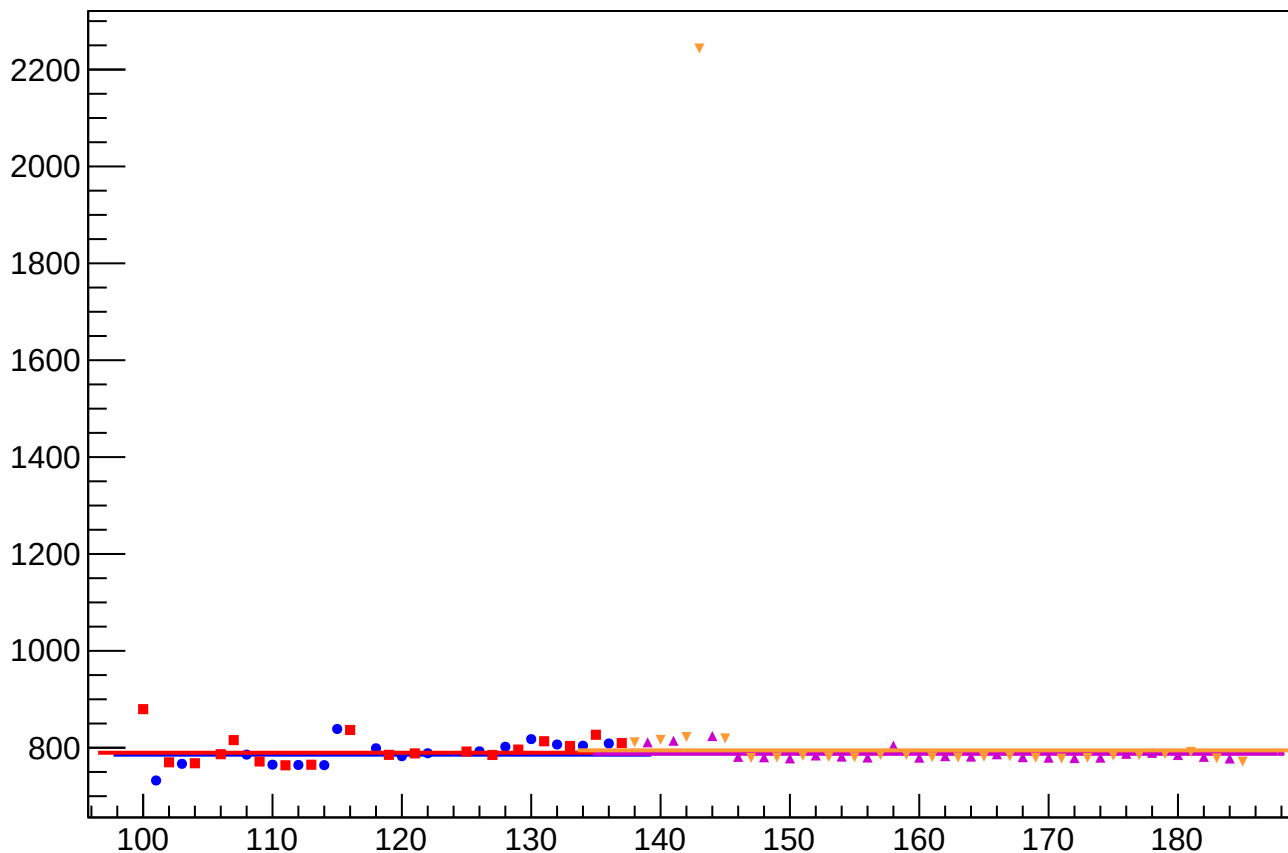
Right: -199.789 $\pm$ 212.921 χ^2 /NDF: 23.2/33

In: -262.672 $\pm$ 159.560 χ^2 /NDF:35.2/38

Out: -216.151 $\pm$ 158.093 χ^2 /NDF:35.5/42

All: -239.197 $\pm$ 112.303 χ^2 /NDF: 70.7/81

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 794.615 $\pm$ 0.132 χ^2 /NDF: 658008.8/24

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

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

Left: 791.071 $\pm$ 0.093 χ^2 /NDF: 668747.1/47

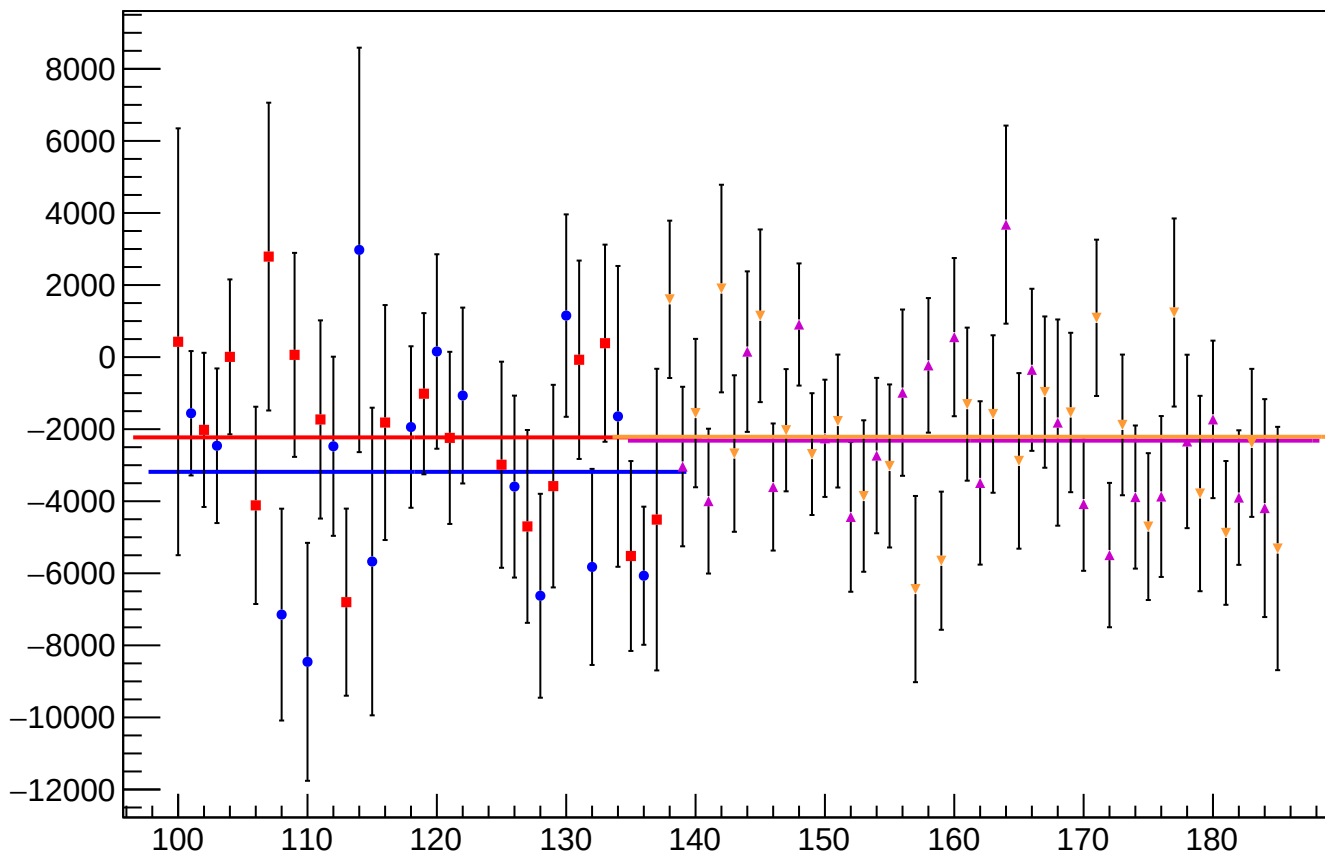
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 793.228 $\pm$ 0.112 χ^2 /NDF: 669413.1/42

All: 790.146 $\pm$ 0.079 χ^2 /NDF: 694200.8/81

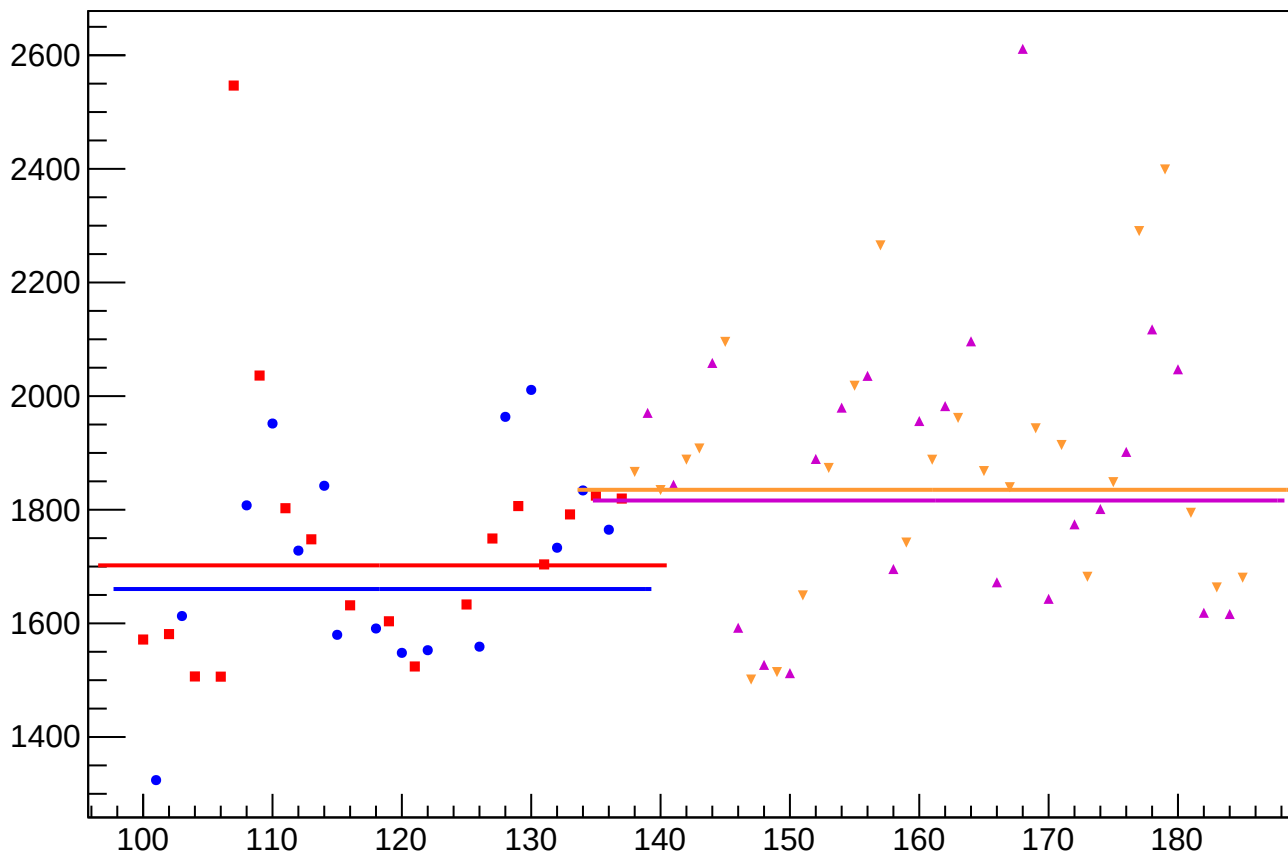
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2211.520 ± 430.636 $\chi^2/\text{NDF}: 23.3/24$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2318.636 ± 436.503 $\chi^2/\text{NDF}: 22.1/22$

Left: -2264.353 ± 306.559 $\chi^2/\text{NDF}: 45.4/47$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2589.270 ± 361.916 $\chi^2/\text{NDF}: 40.1/38$
 Out: -2216.597 ± 358.666 $\chi^2/\text{NDF}: 35.1/42$
 All: -2401.253 ± 254.756 $\chi^2/\text{NDF}: 75.8/81$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1835.105 $\pm$ 0.305 χ^2/NDF : 465309.8/24

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

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

Left: 1825.810 $\pm$ 0.217 χ^2/NDF : 1009903.6/47

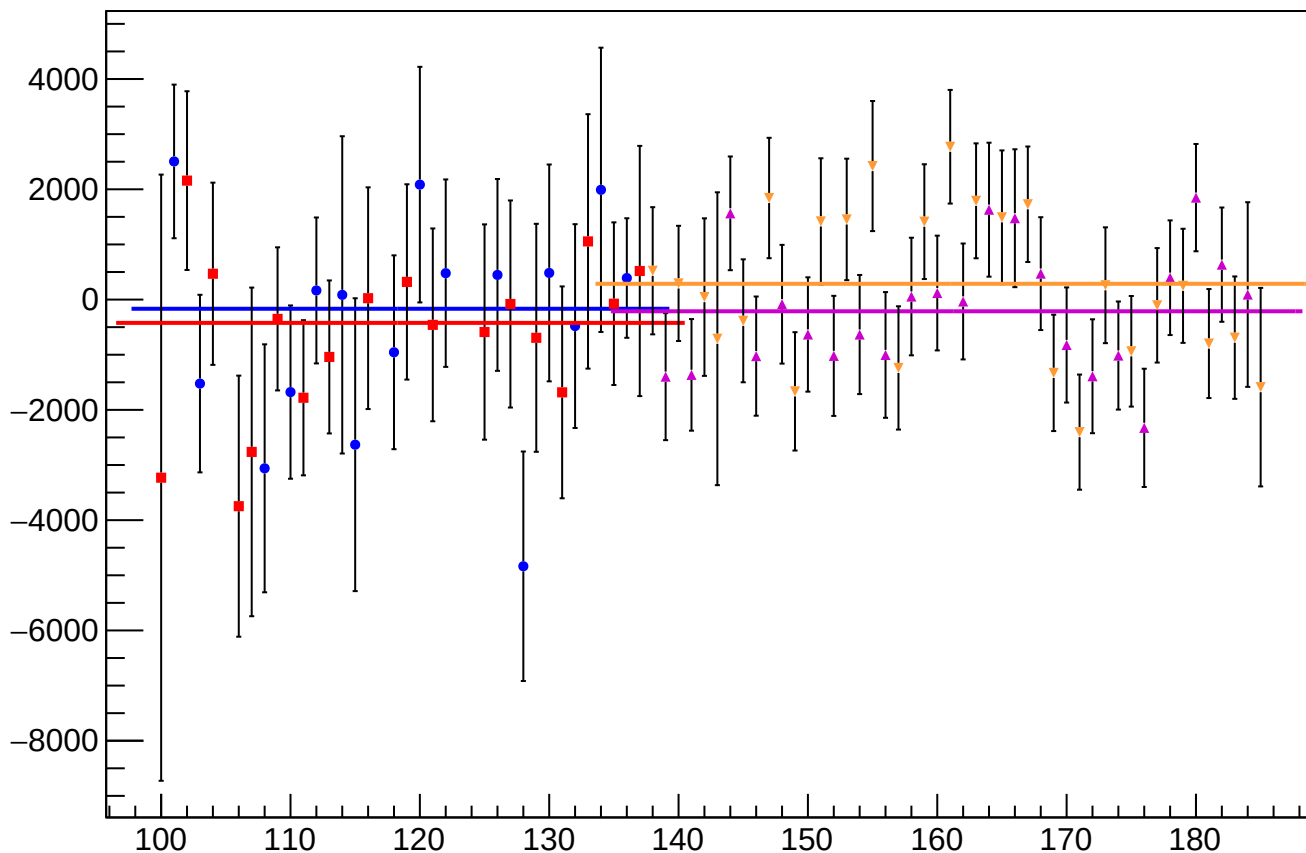
Right: 1681.258 $\pm$ 0.324 χ^2/NDF : 355346.8/33

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

Out: 1794.362 $\pm$ 0.254 χ^2/NDF : 695760.5/42

All: 1781.085 $\pm$ 0.180 χ^2/NDF : 1502838.8/81

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -166.359 ± 432.680 χ^2/NDF : 15.6/15

Left Out: 286.265 ± 223.501 χ^2/NDF : 38.8/24

Right Out: -422.359 ± 427.321 χ^2/NDF : 8.2/17

Left In: -212.080 ± 224.701 χ^2/NDF : 23.7/22

Left: 38.426 ± 158.462 χ^2/NDF : 65.0/47

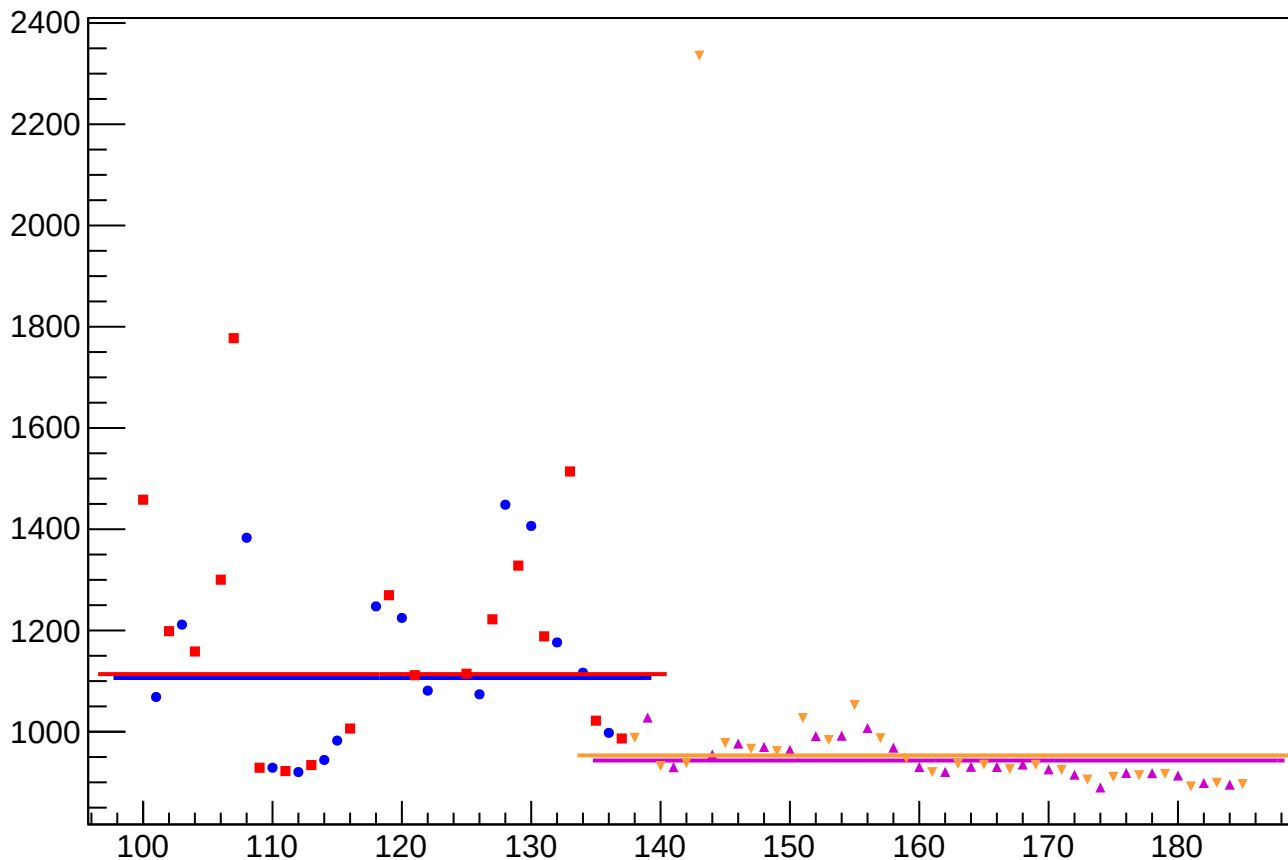
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -202.369 ± 199.414 χ^2/NDF : 39.4/38

Out: 134.053 ± 198.048 χ^2/NDF : 49.1/42

All: -33.002 ± 140.521 χ^2/NDF : 89.9/81

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 953.195 $\pm$ 0.158 χ^2 /NDF: 606303.1/24

Right Out: 1113.821 $\pm$ 0.302 χ^2 /NDF: 364293.1/17

Left In: 943.137 $\pm$ 0.159 χ^2 /NDF: 49948.2/22

Left: 948.193 $\pm$ 0.112 χ^2 /NDF: 658265.8/47

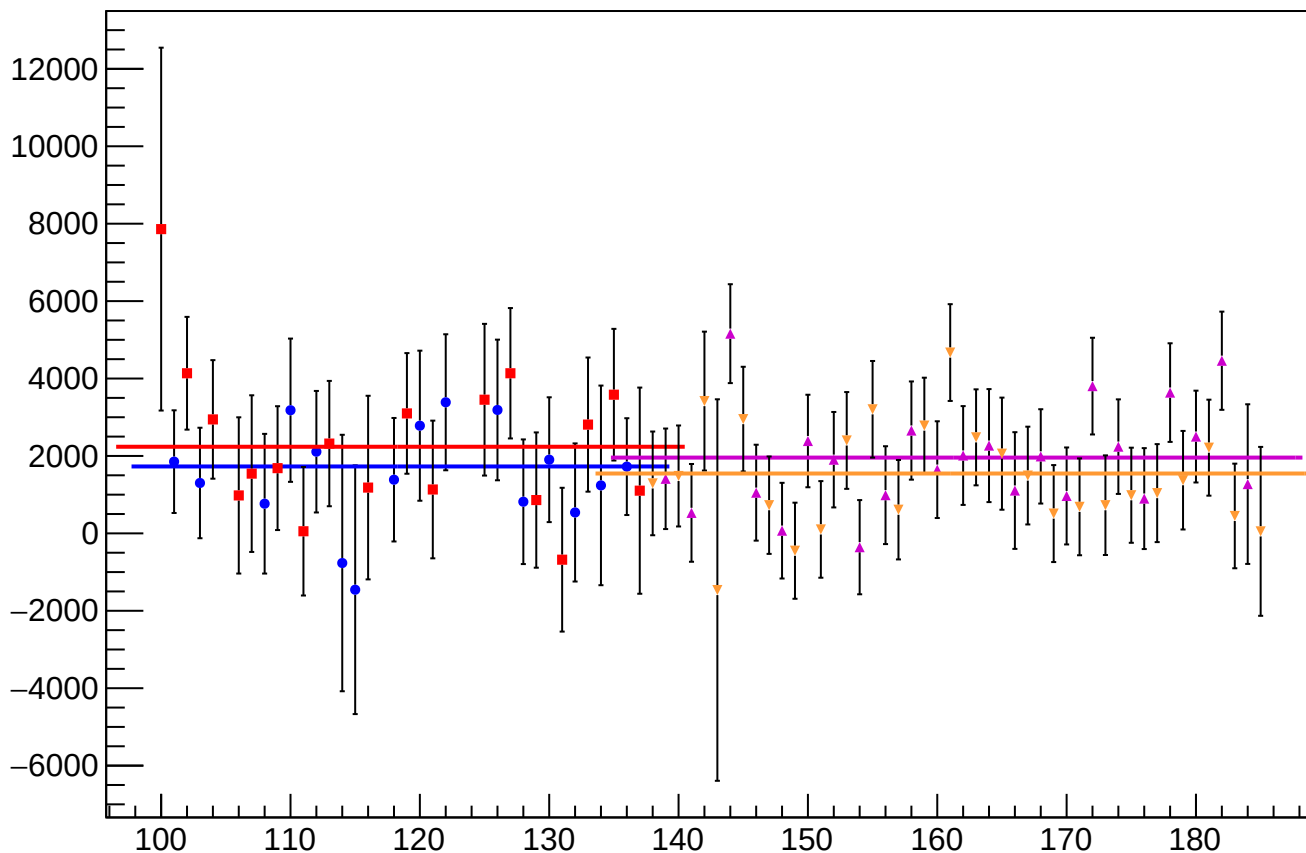
Right: 1110.038 $\pm$ 0.215 χ^2 /NDF: 624528.4/33

In: 977.764 $\pm$ 0.141 χ^2 /NDF: 533475.7/38

Out: 987.697 $\pm$ 0.140 χ^2 /NDF: 1192483.6/42

All: 982.765 $\pm$ 0.099 χ^2 /NDF: 1728457.6/81

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1546.318 $\pm$ 266.363 χ^2 /NDF:21.0/24

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

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

Left: 1751.149 $\pm$ 188.737 χ^2 /NDF: 47.3/47

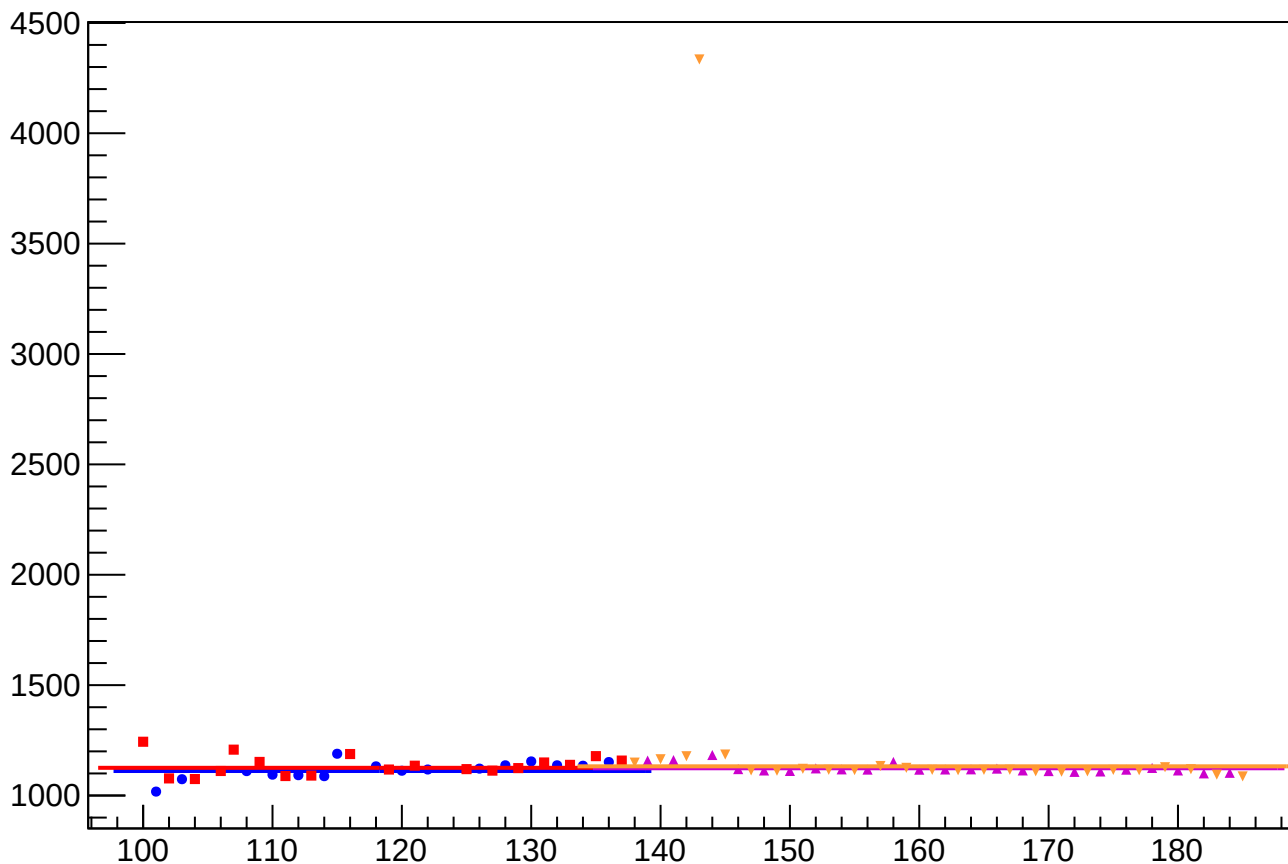
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 1740.996 $\pm$ 225.767 χ^2 /NDF:35.2/42

All: 1816.901 $\pm$ 160.107 χ^2 /NDF: 66.0/81

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1132.277 $\pm$ 0.188 χ^2 /NDF: 859080.8/24

Right Out: 1125.496 $\pm$ 0.301 χ^2 /NDF: 15880.9/17

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

Left: 1127.872 $\pm$ 0.133 χ^2 /NDF: 871355.7/47

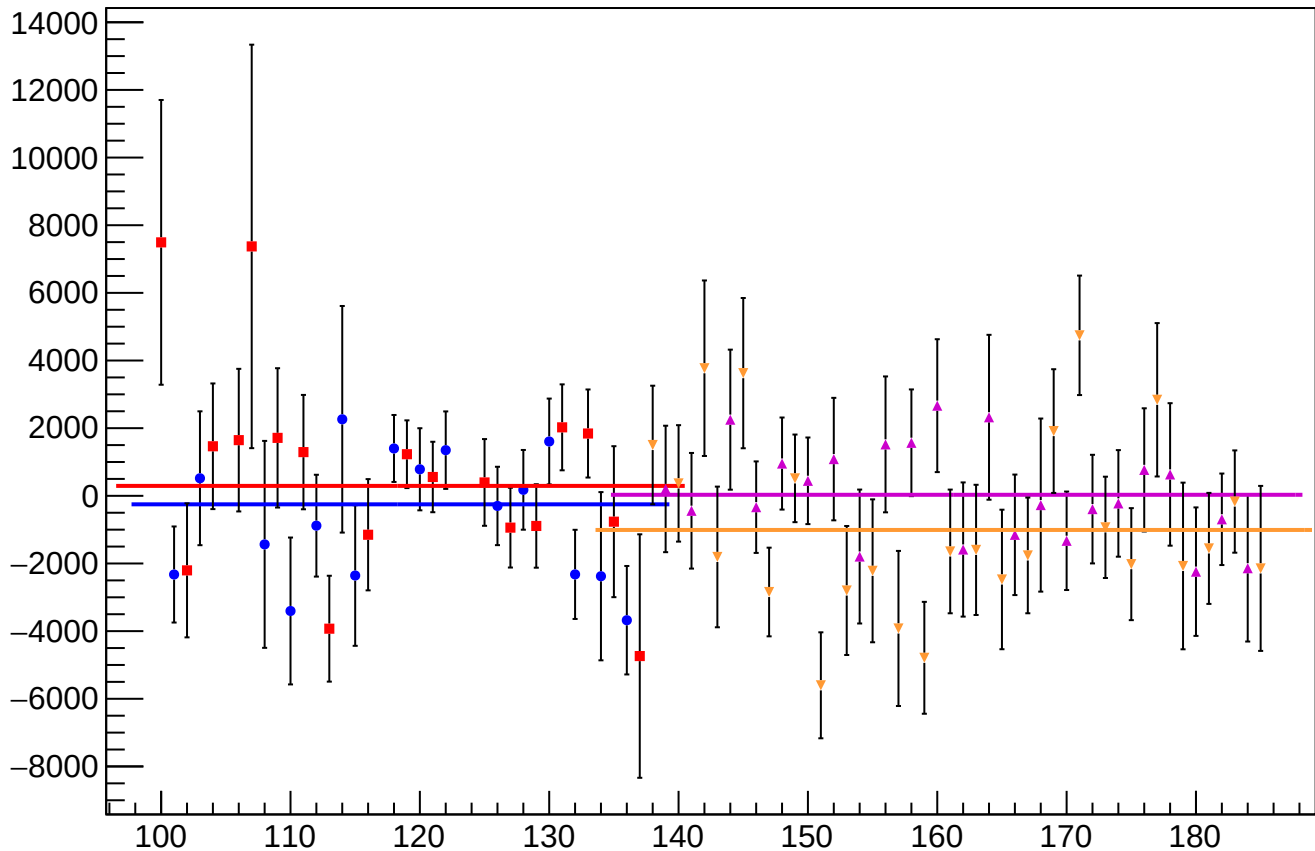
Right: 1118.342 $\pm$ 0.214 χ^2 /NDF: 35114.3/33

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

Out: 1130.367 $\pm$ 0.160 χ^2 /NDF: 875326.7/42

All: 1125.200 $\pm$ 0.113 χ^2 /NDF: 907899.5/81

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1008.870 $\pm$ 358.073 χ^2/NDF : 48.7/24

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

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

Left: -490.955 $\pm$ 253.638 χ^2/NDF : 65.2/47

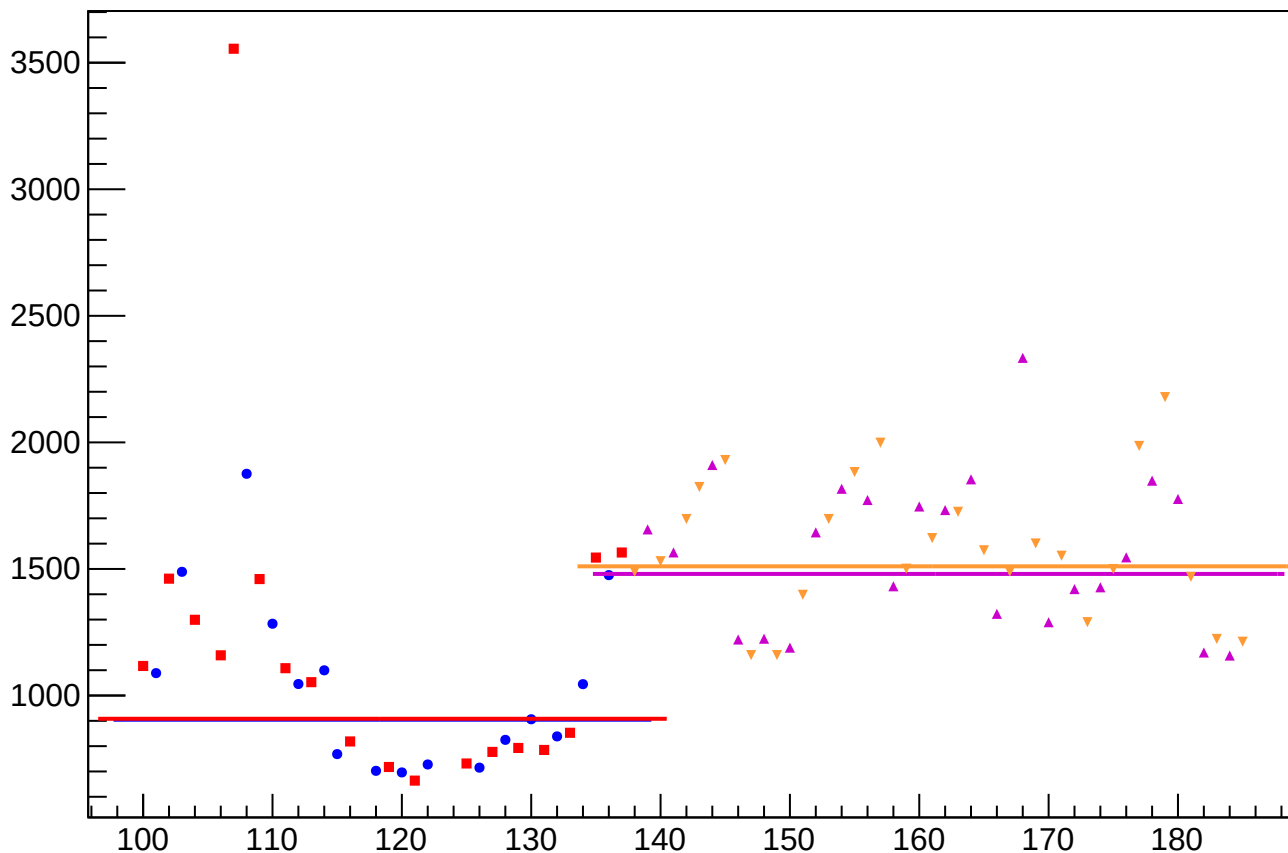
Right: 23.010 $\pm$ 257.185 χ^2/NDF : 47.0/33

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

Out: -365.589 $\pm$ 254.743 χ^2/NDF : 79.3/42

All: -237.541 $\pm$ 180.590 χ^2/NDF : 114.2/81

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1510.396+/-0.253 χ^2/NDF : 1022677.4/24

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

Left In: 1480.347+/-0.254 χ^2/NDF : 1131004.9/22

Left: 1495.424+/-0.179 χ^2/NDF : 2160700.4/47

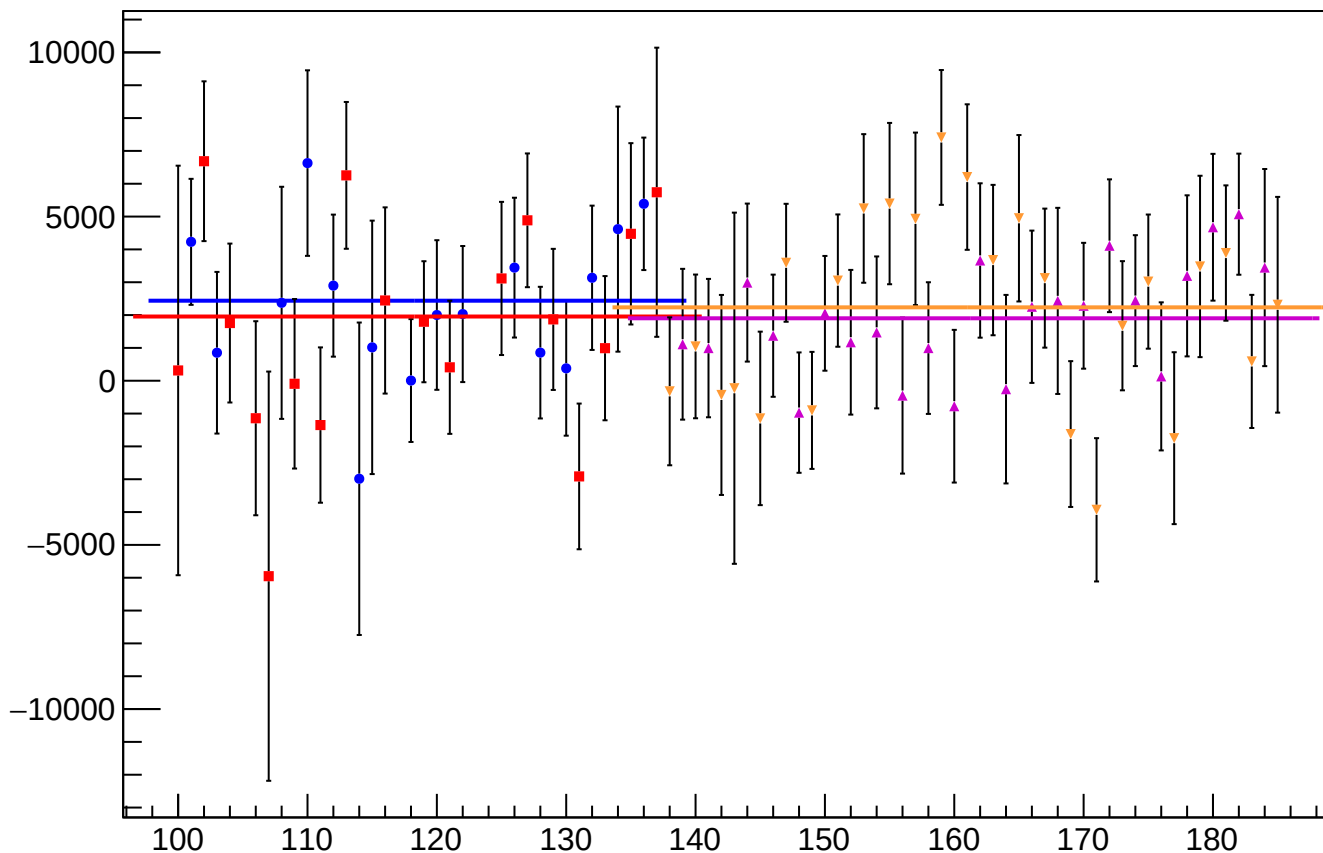
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

In: 1196.888+/-0.181 χ^2/NDF : 4680542.0/38

Out: 1212.966+/-0.180 χ^2/NDF : 5197817.3/42

All: 1204.968+/-0.128 χ^2/NDF : 9882322.7/81

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2235.052 $\pm$ 454.629 χ^2 /NDF:38.9/24

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

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

Left: 2068.149 $\pm$ 321.206 χ^2 /NDF: 53.0/47

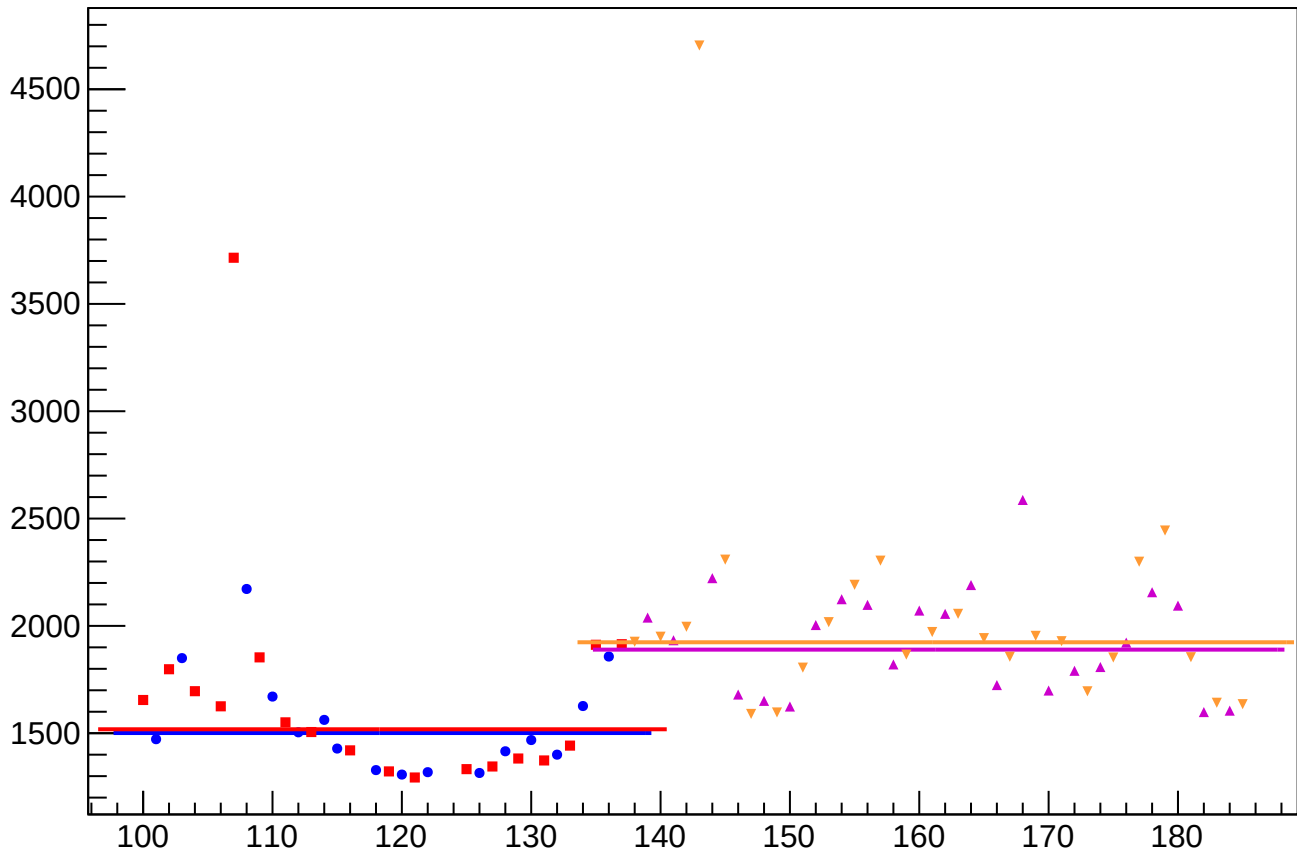
Right: 2195.827 $\pm$ 413.767 χ^2 /NDF: 33.9/33

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

Out: 2129.739 $\pm$ 358.761 χ^2 /NDF:61.4/42

All: 2116.160 $\pm$ 253.727 χ^2 /NDF: 86.9/81

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1923.651+/-0.321 χ^2/NDF : 1006332.3/24

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

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

Left: 1906.461+/-0.227 χ^2/NDF : 1520690.6/47

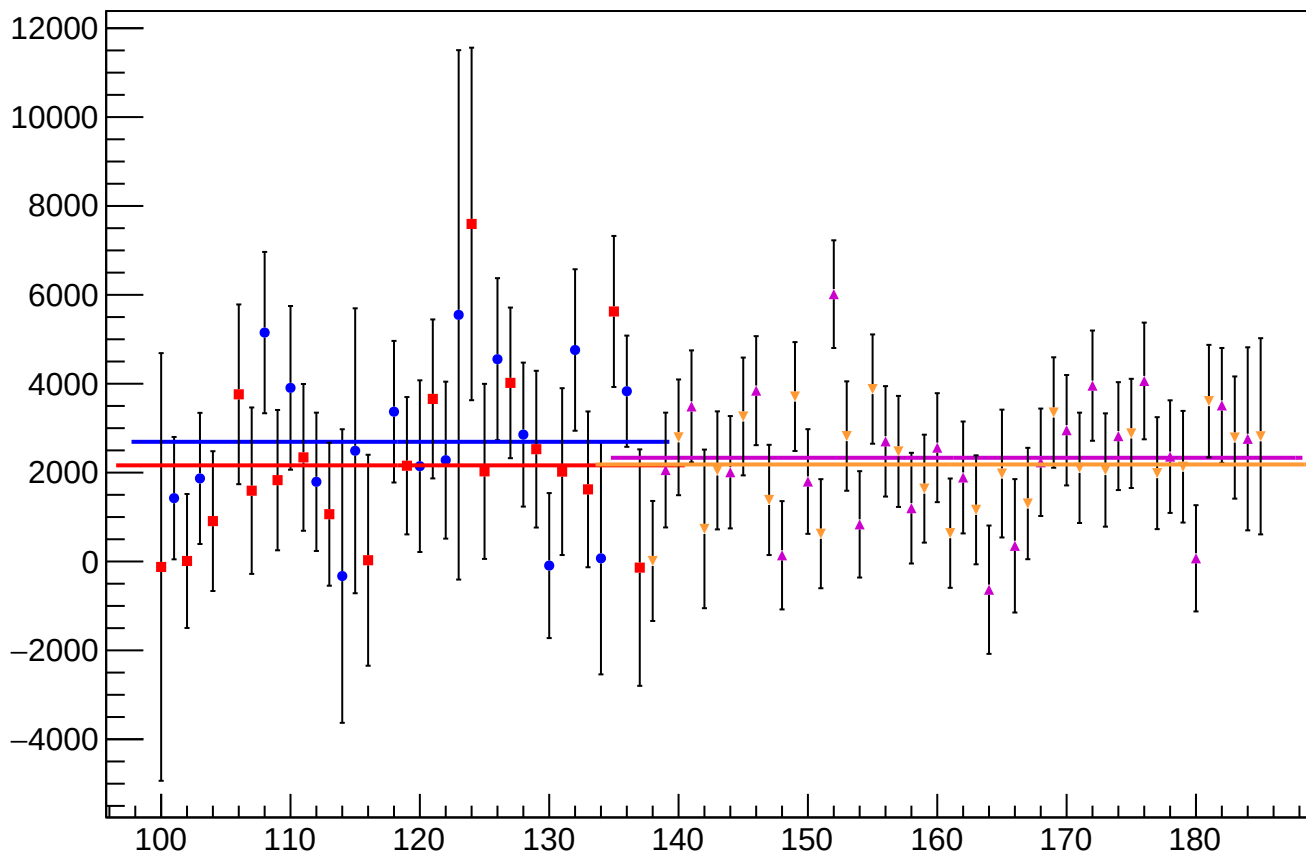
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1770.732+/-0.254 χ^2/NDF : 2082106.7/42

All: 1757.234+/-0.179 χ^2/NDF : 3401810.1/81

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2183.158 $\pm$ 259.485 χ^2 /NDF:15.7/24

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

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

Left: 2256.692 $\pm$ 185.519 χ^2 /NDF: 48.0/47

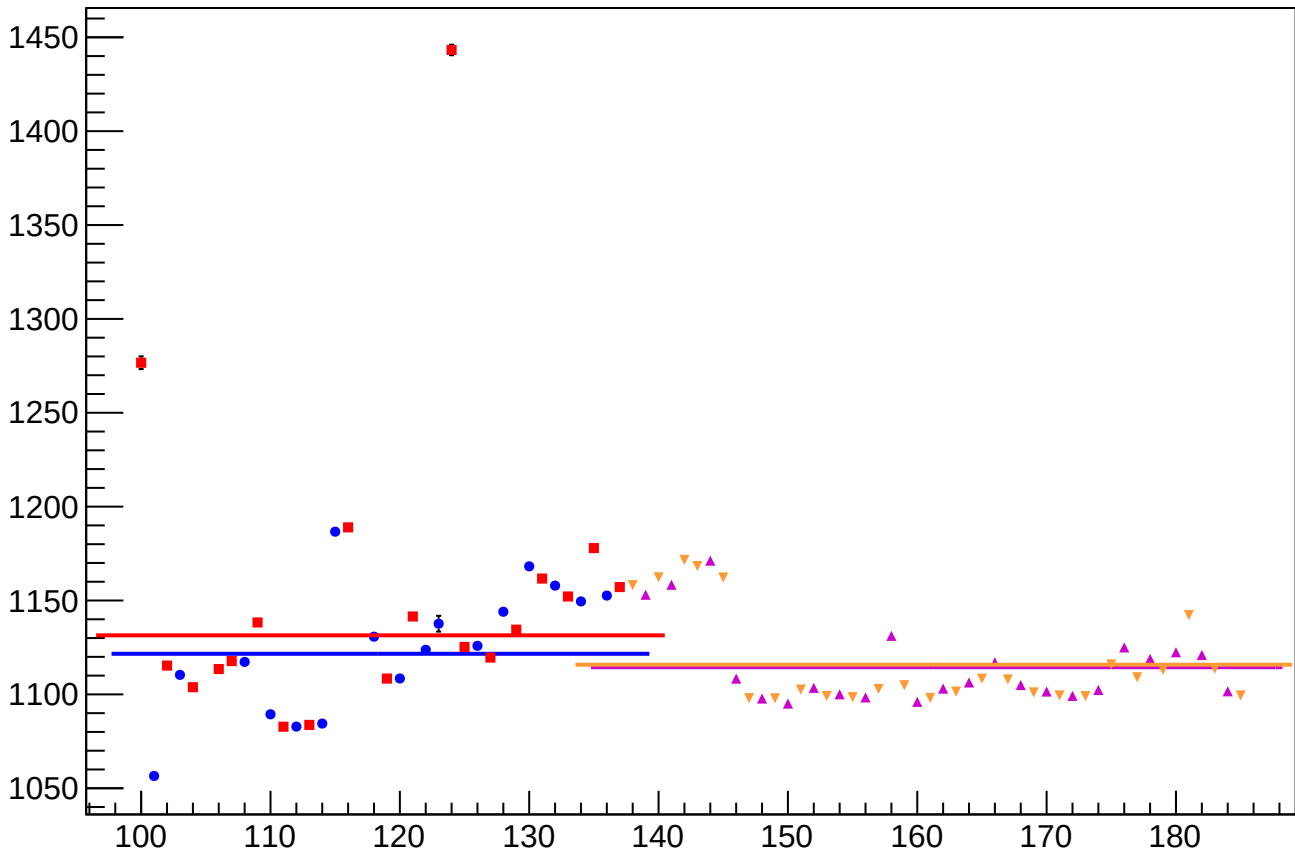
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2177.690 $\pm$ 221.298 χ^2 /NDF:29.5/43

All: 2301.985 $\pm$ 158.181 χ^2 /NDF: 75.0/83

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1115.797 $\pm$ 0.183 χ^2 /NDF:17123.2/24

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

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

Left: 1115.150 $\pm$ 0.131 χ^2 /NDF: 29412.5/47

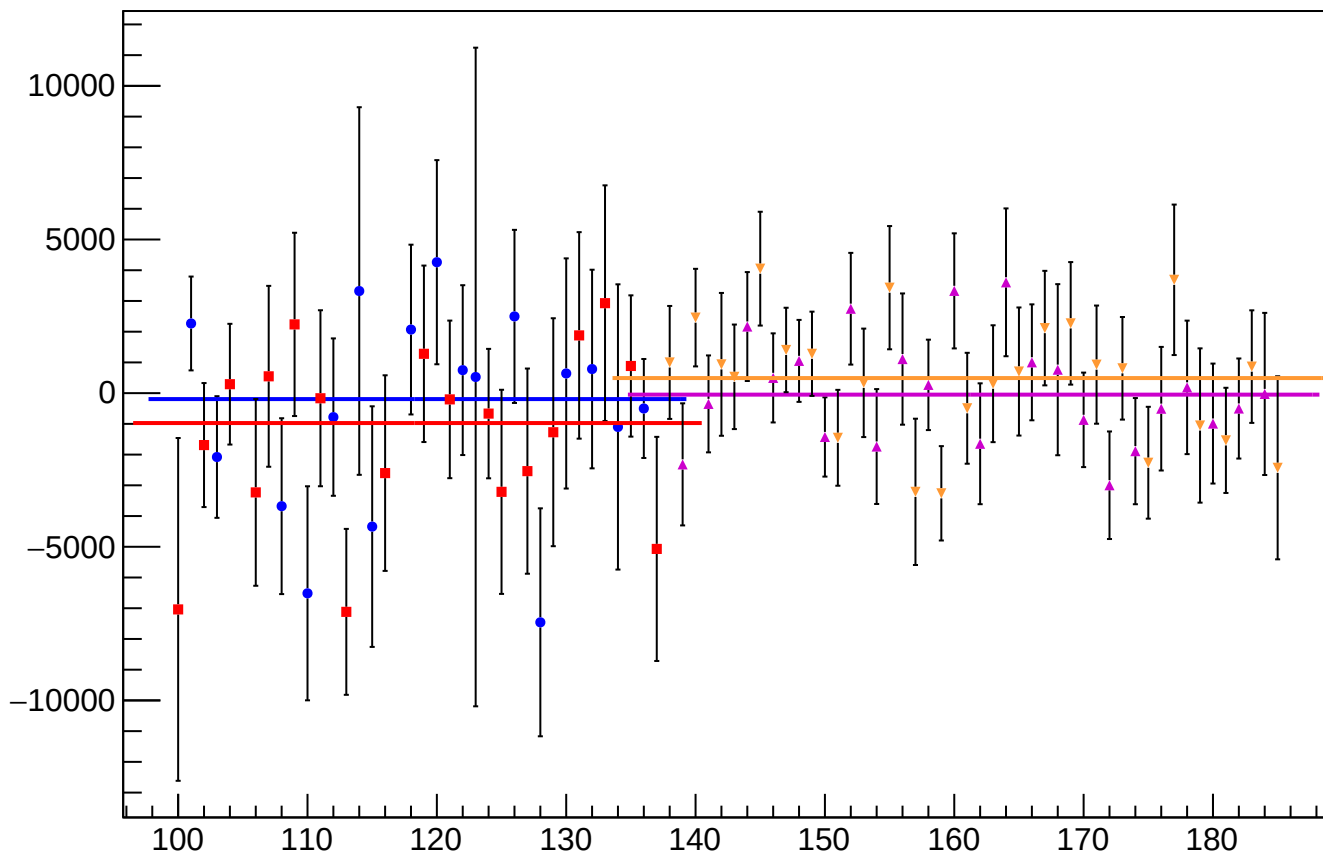
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1120.065 $\pm$ 0.156 χ^2 /NDF:42219.7/43

All: 1118.287 $\pm$ 0.112 χ^2 /NDF: 67125.3/83

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 490.768+/-364.677 χ^2/NDF : 27.0/24

Right Out: -973.263+/-645.048 χ^2/NDF : 14.3/18

Left In: -48.620+/-369.225 χ^2/NDF : 19.6/22

Left: 224.417+/-259.458 χ^2/NDF : 47.7/47

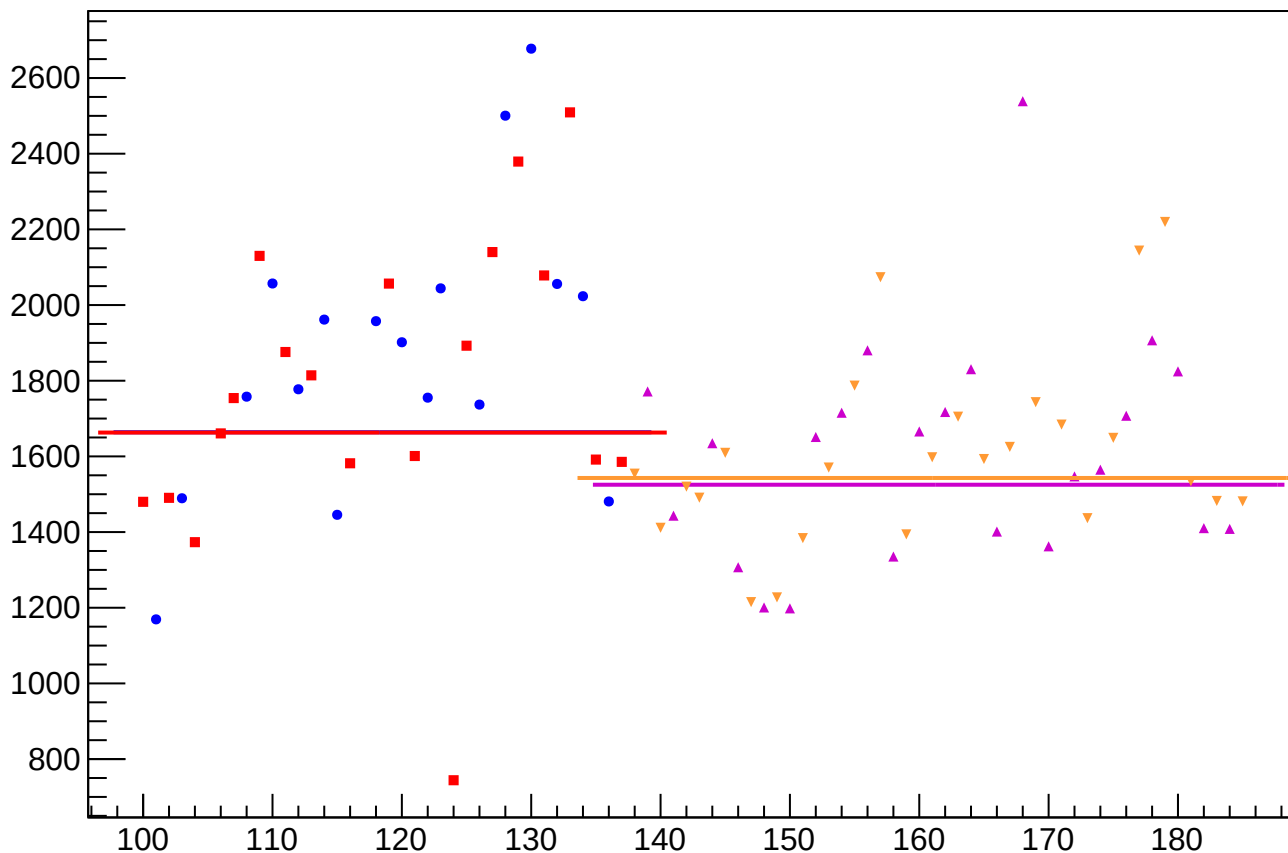
Right: -592.444+/-461.436 χ^2/NDF : 32.4/35

In: -83.086+/-322.271 χ^2/NDF : 37.0/39

Out: 136.172+/-317.456 χ^2/NDF : 45.2/43

All: 28.193+/-226.158 χ^2/NDF : 82.4/83

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1542.966 $\pm$ 0.258 χ^2 /NDF: 743713.3/24

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

Left In: 1525.105 $\pm$ 0.261 χ^2 /NDF: 953918.8/22

Left: 1534.146 $\pm$ 0.183 χ^2 /NDF: 1700001.2/47

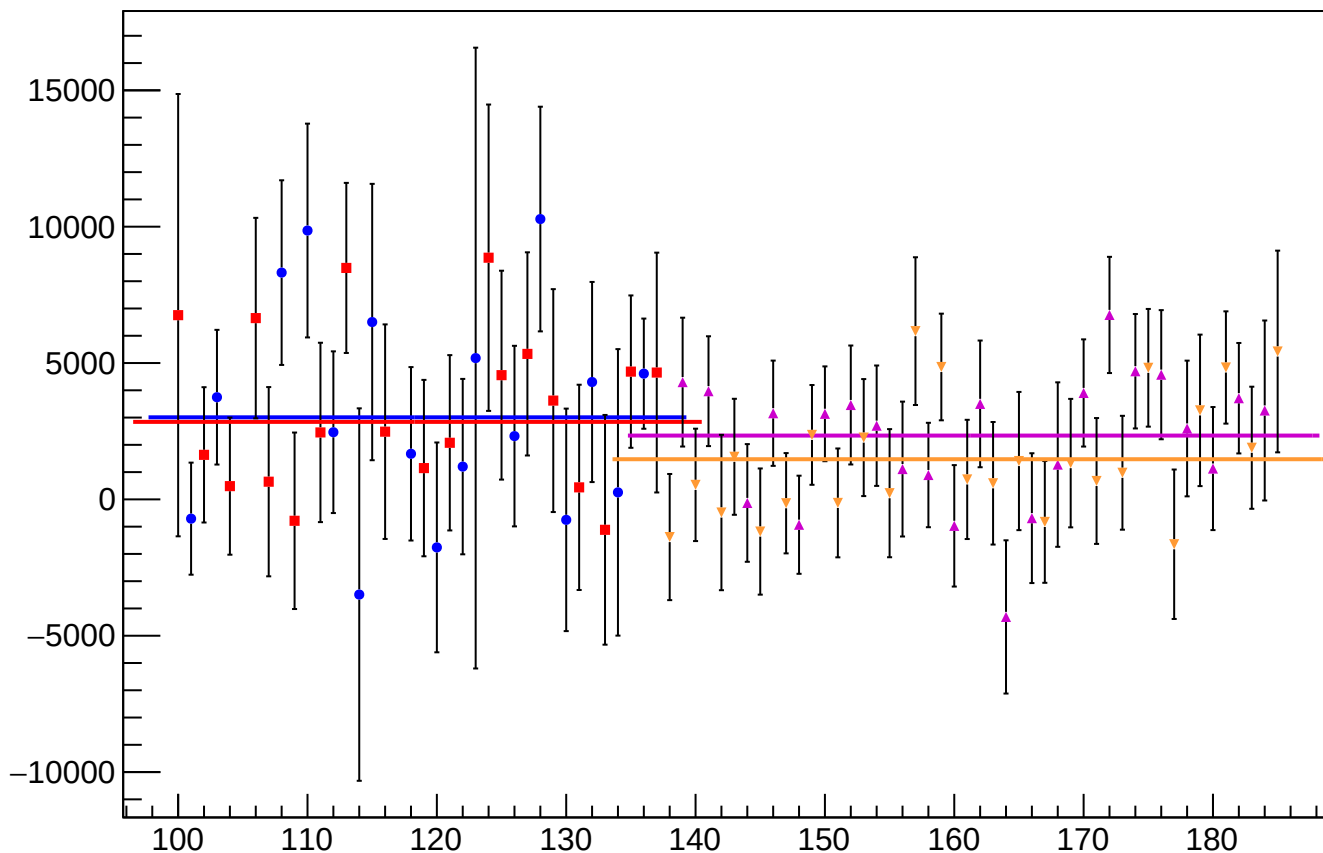
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1558.132 $\pm$ 0.228 χ^2 /NDF: 1643589.3/39

Out: 1572.035 $\pm$ 0.224 χ^2 /NDF: 1601156.4/43

All: 1565.188 $\pm$ 0.160 χ^2 /NDF: 3246634.8/83

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1472.552+/-449.816 χ^2/NDF : 21.1/24

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

Left In: 2339.905+/-457.448 χ^2/NDF : 25.2/22

Left: 1898.933+/-320.732 χ^2/NDF : 48.1/47

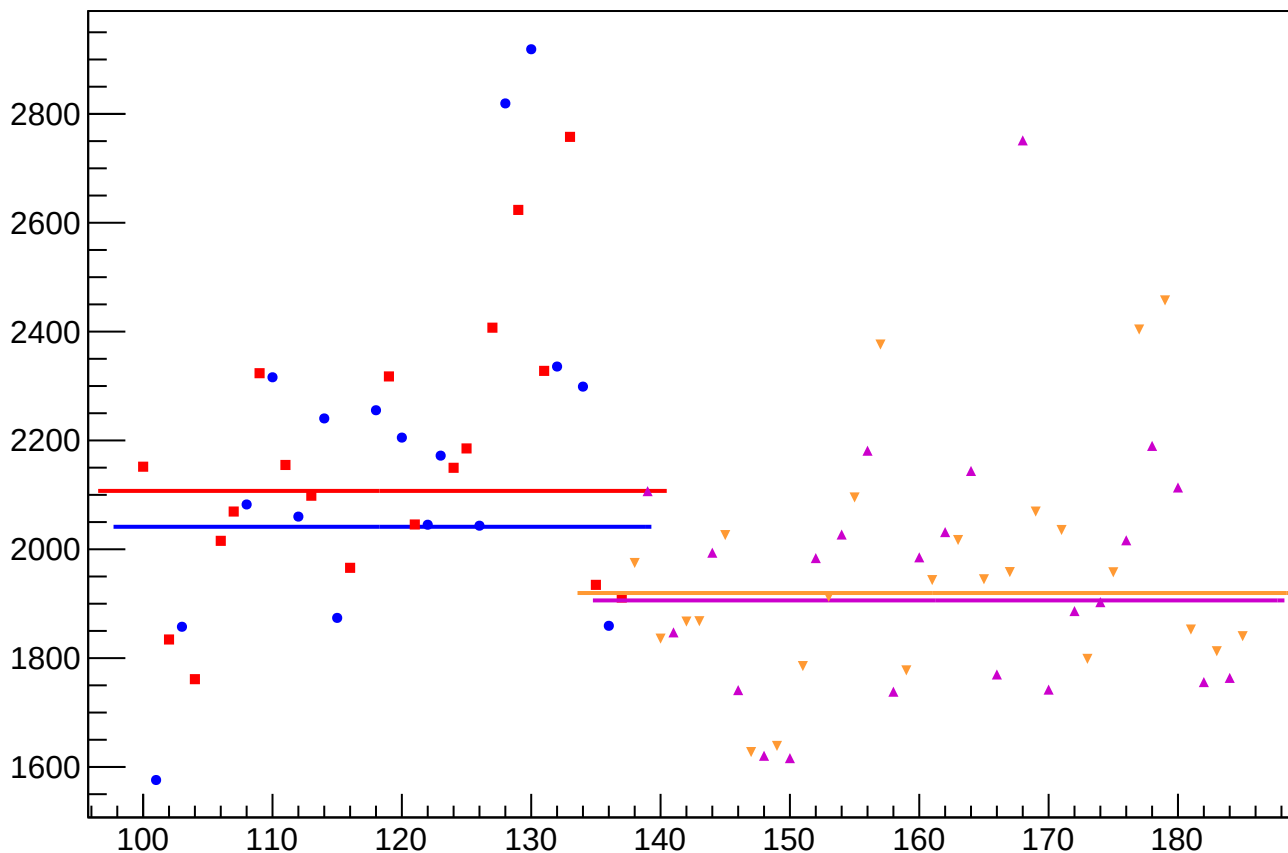
Right: 2925.191+/-564.046 χ^2/NDF : 28.8/35

In: 2504.928+/-397.068 χ^2/NDF : 43.1/39

Out: 1804.188+/-391.582 χ^2/NDF : 34.7/43

All: 2149.683+/-278.809 χ^2/NDF : 79.4/83

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1919.646 $\pm$ 0.318 χ^2 /NDF:366099.6/24

Right Out: 2107.277 $\pm$ 0.563 χ^2 /NDF: 196781.3/18

Left In: 1906.043 $\pm$ 0.323 χ^2 /NDF:451054.7/22

Left: 1912.959 $\pm$ 0.227 χ^2 /NDF: 818053.5/47

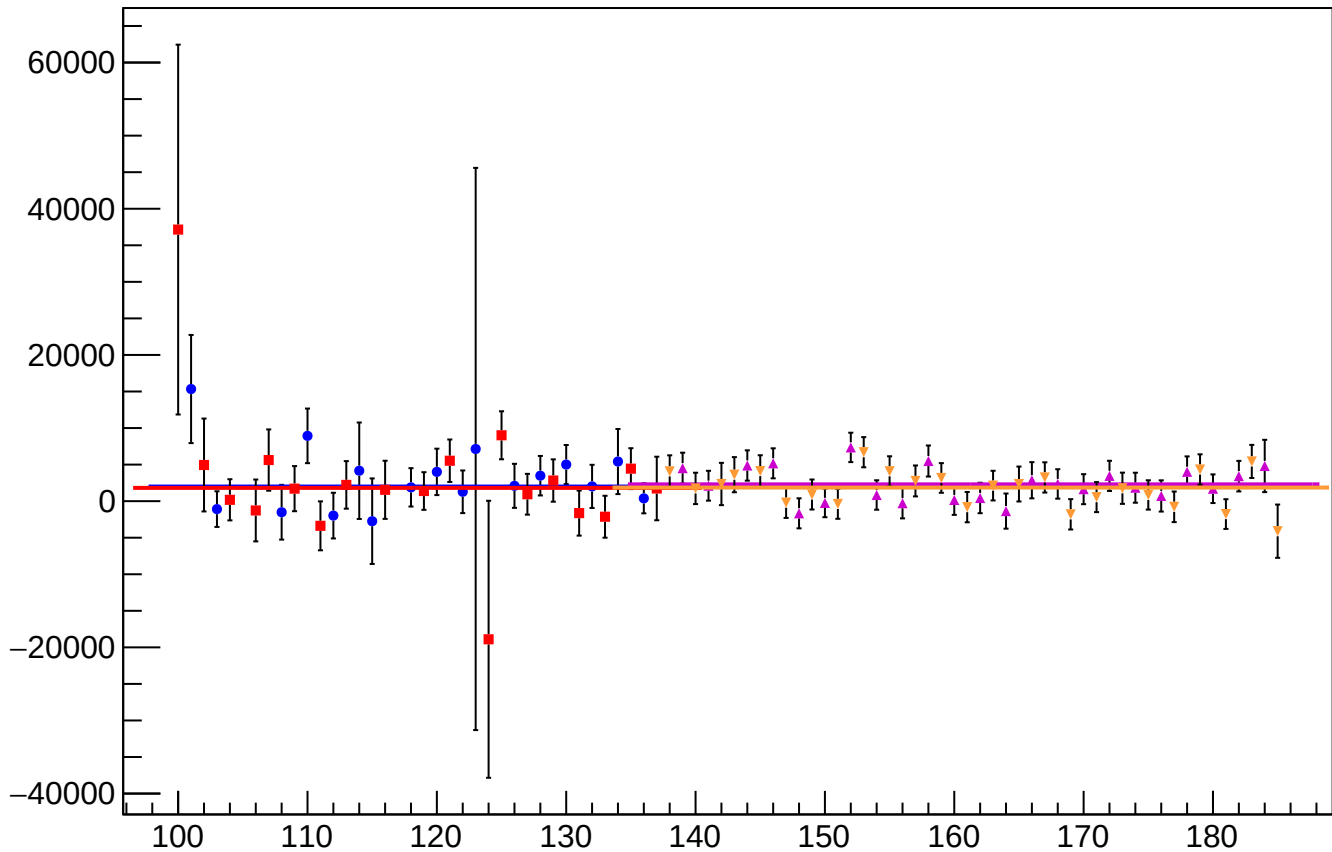
Right: 2074.475 $\pm$ 0.399 χ^2 /NDF: 542049.1/35

In: 1939.405 $\pm$ 0.281 χ^2 /NDF:832634.5/39

Out: 1965.084 $\pm$ 0.277 χ^2 /NDF:647152.9/43

All: 1952.423 $\pm$ 0.197 χ^2 /NDF: 1484028.1/83

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1858.044+/-431.448 χ^2/NDF : 29.6/24

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

Left In: 2298.533+/-440.433 χ^2/NDF : 27.5/22

Left: 2073.749+/-308.208 χ^2/NDF : 57.7/47

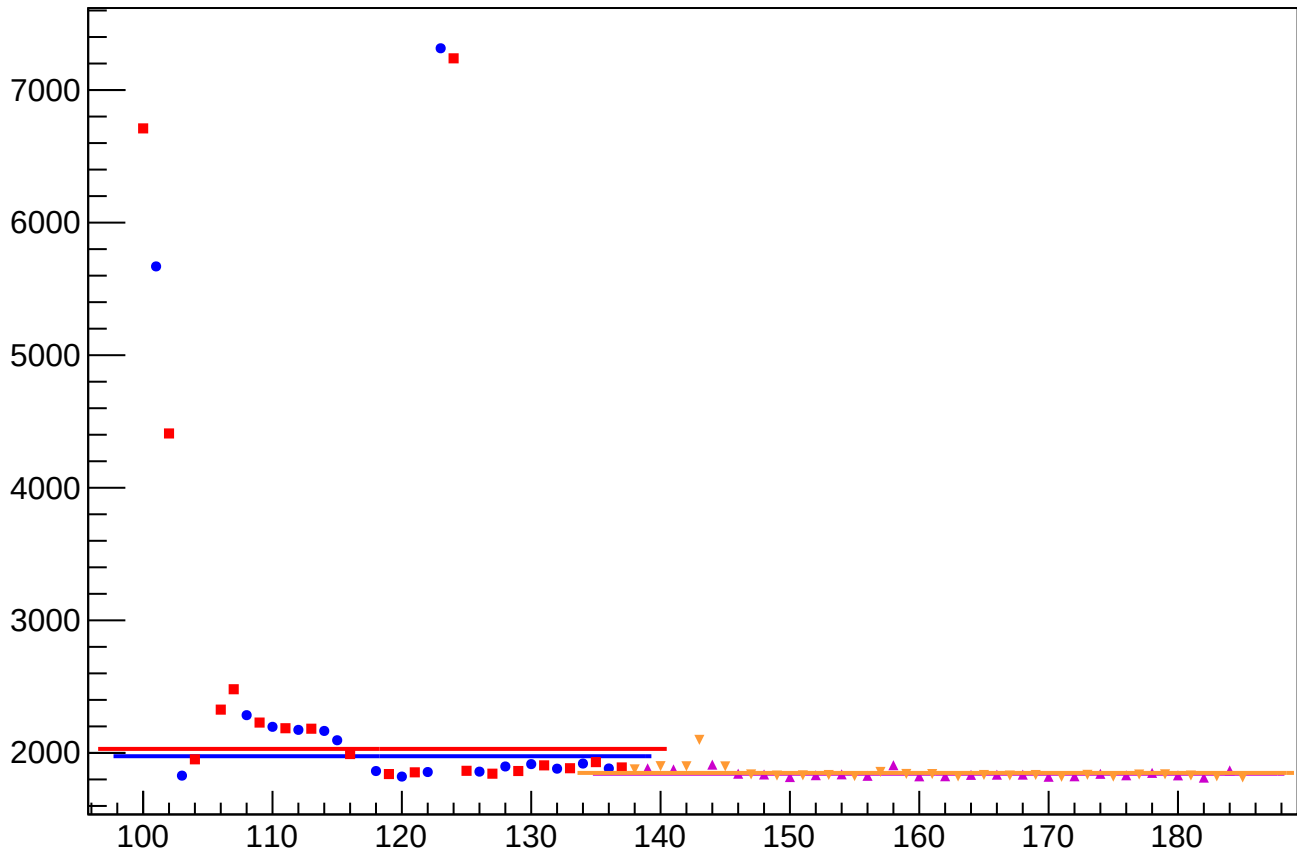
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2226.562+/-383.708 χ^2/NDF : 42.4/39

Out: 1848.123+/-377.706 χ^2/NDF : 47.9/43

All: 2034.360+/-269.175 χ^2/NDF : 90.8/83

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1849.186+/-0.305 χ^2/NDF : 27860.2/24

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

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

Left: 1846.178+/-0.218 χ^2/NDF : 35338.8/47

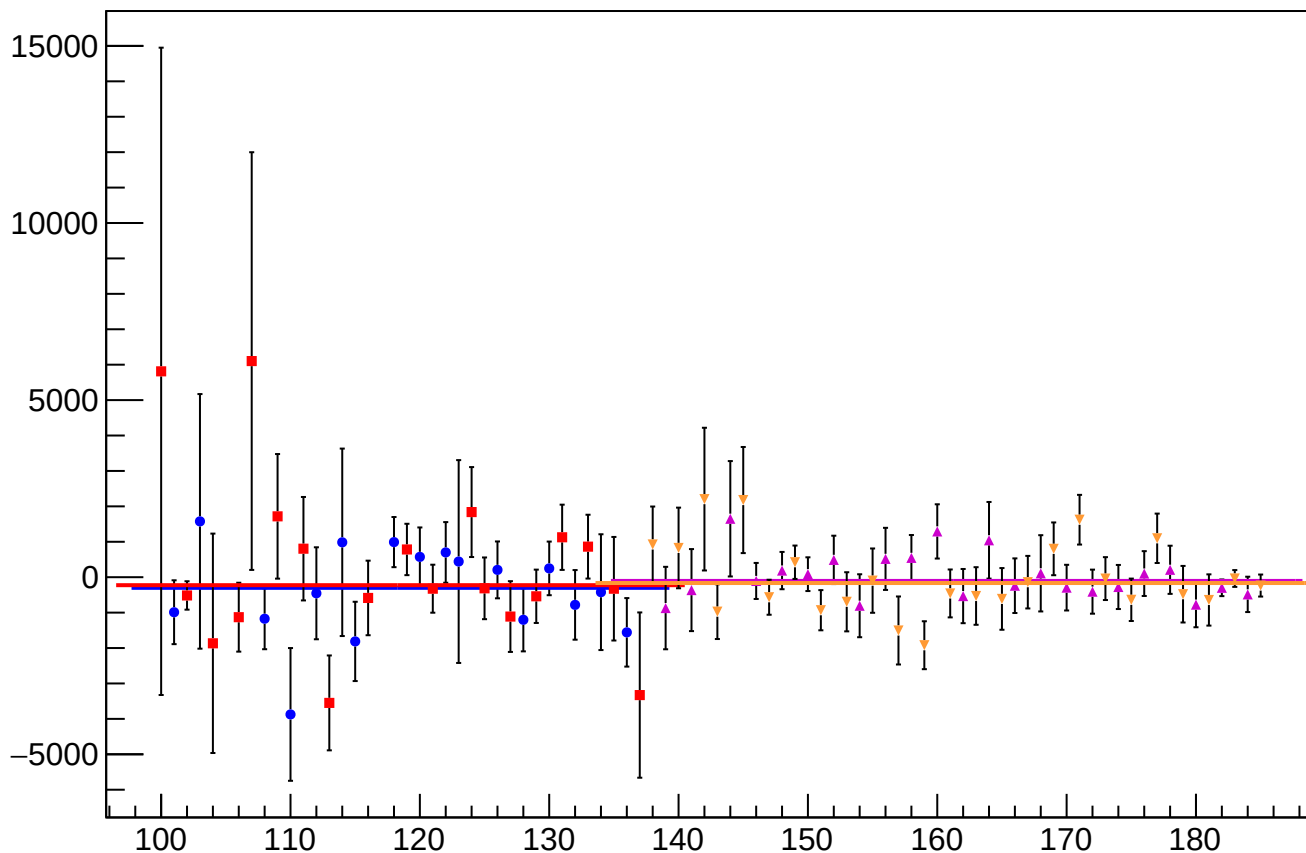
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1891.506+/-0.267 χ^2/NDF : 714153.9/43

All: 1883.319+/-0.190 χ^2/NDF : 1366513.5/83

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -164.356+/-118.283 χ^2/NDF : 33.6/24

Right Out: -225.432+/-215.564 χ^2/NDF : 22.2/18

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

Left: -136.405+/-85.775 χ^2/NDF : 46.6/47

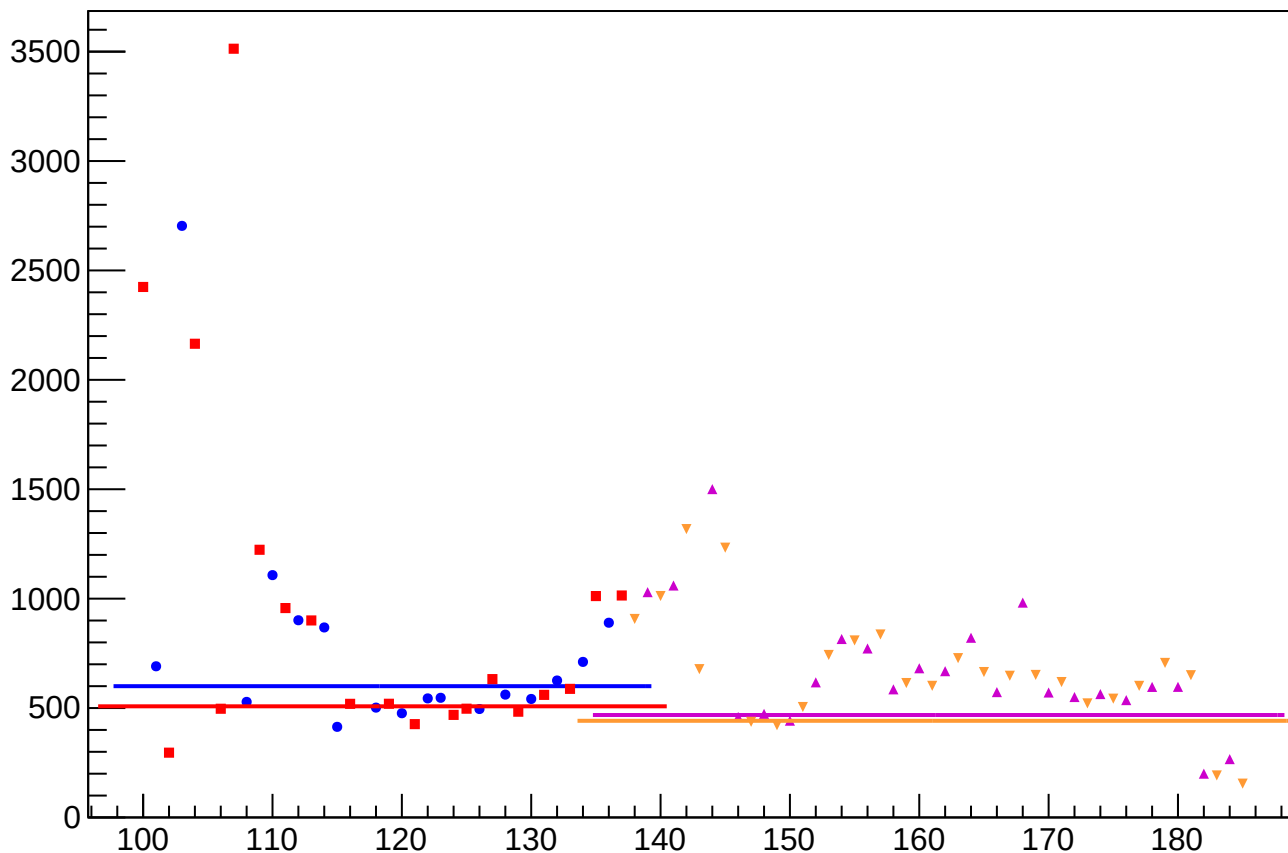
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

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

Out: -178.490+/-103.698 χ^2/NDF : 55.8/43

All: -162.892+/-75.835 χ^2/NDF : 86.7/83

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 441.751 $\pm$ 0.084 χ^2 /NDF: 8521178.1/24

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

Left In: 468.171 $\pm$ 0.088 χ^2 /NDF: 6737456.3/22

Left: 454.278 $\pm$ 0.061 χ^2 /NDF: 15305942.6/47

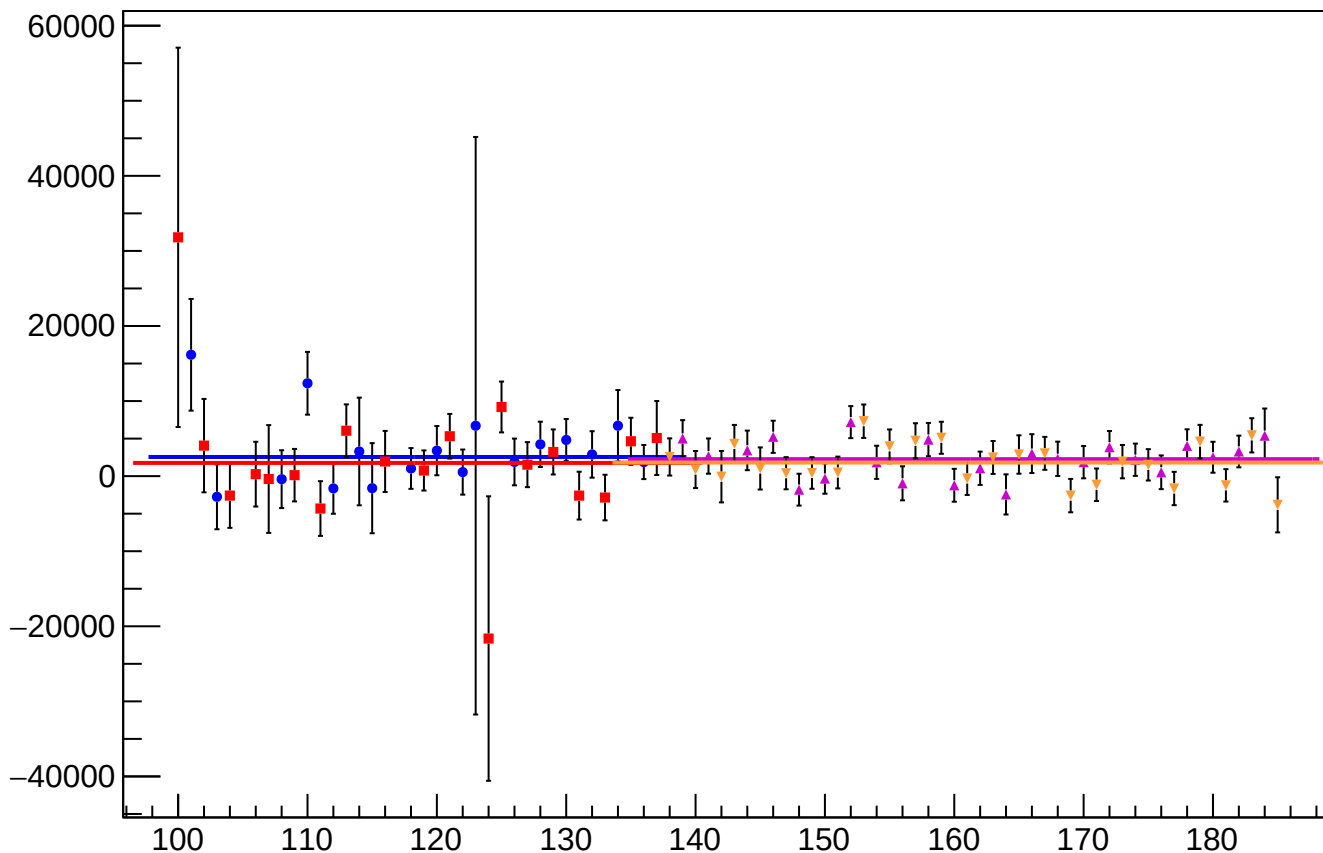
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 494.959 $\pm$ 0.079 χ^2 /NDF: 8573510.2/39

Out: 457.069 $\pm$ 0.073 χ^2 /NDF: 11514996.6/43

All: 474.695 $\pm$ 0.054 χ^2 /NDF: 20212717.7/83

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1811.972 $\pm$ 462.529 χ^2 /NDF:32.0/24

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

Left In: 2260.178 $\pm$ 472.324 χ^2 /NDF:26.3/22

Left: 2031.380 $\pm$ 330.466 χ^2 /NDF: 58.8/47

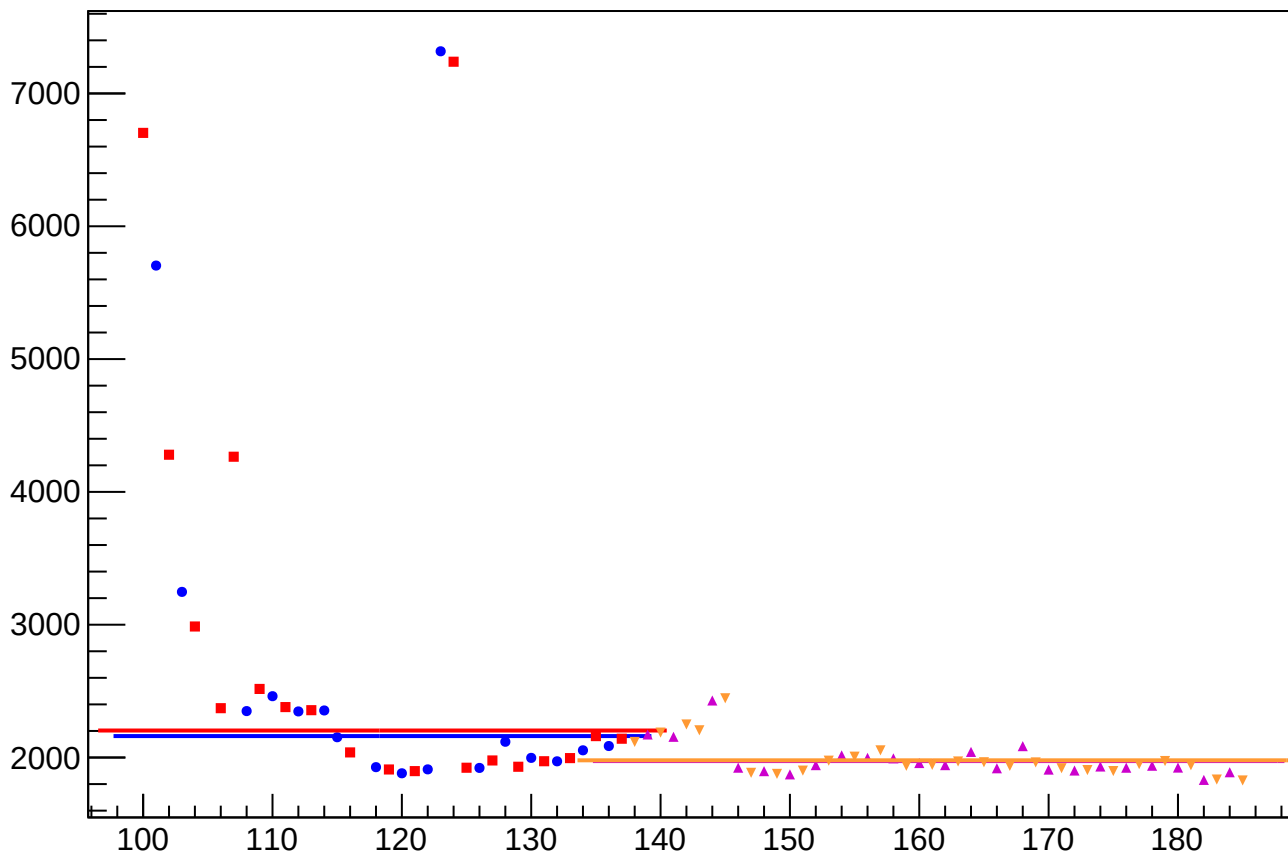
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

In: 2328.307 $\pm$ 413.873 χ^2 /NDF:42.1/39

Out: 1800.539 $\pm$ 406.782 χ^2 /NDF:53.0/43

All: 2059.863 $\pm$ 290.113 χ^2 /NDF: 95.9/83

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2161.418 ± 0.607 χ^2/NDF : 711253.3/16

Left Out: 1978.938 ± 0.327 χ^2/NDF : 139332.9/24

Right Out: 2203.343 ± 0.604 χ^2/NDF : 797393.2/18

Left In: 1973.216 ± 0.334 χ^2/NDF : 120479.3/22

Left: 1976.137 ± 0.234 χ^2/NDF : 259962.0/47

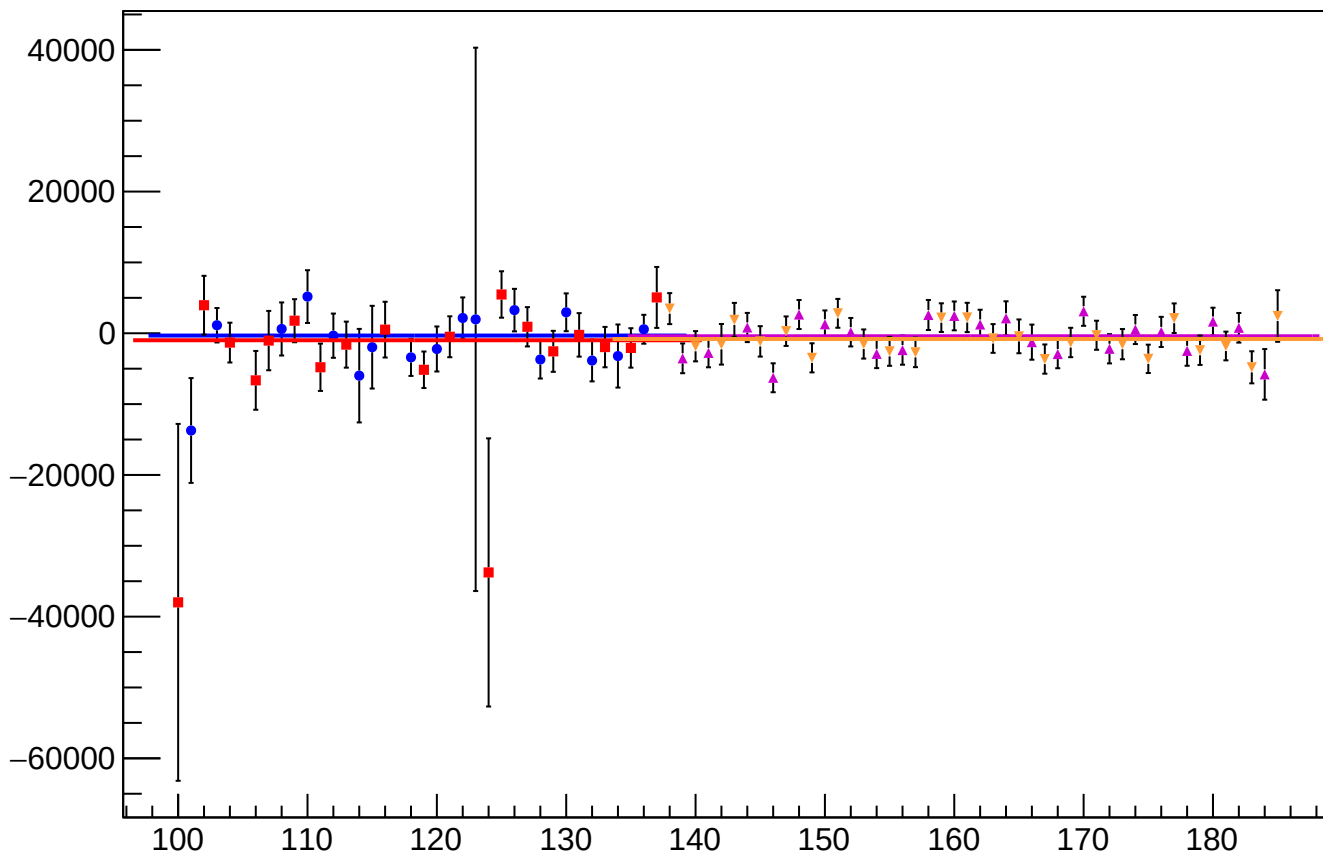
Right: 2182.484 ± 0.428 χ^2/NDF : 1511040.8/35

In: 2016.915 ± 0.293 χ^2/NDF : 905462.2/39

Out: 2029.772 ± 0.288 χ^2/NDF : 1043371.0/43

All: 2023.455 ± 0.205 χ^2/NDF : 1949814.9/83

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -809.213+/-430.318 χ^2/NDF : 27.4/24

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

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

Left: -620.811+/-307.484 χ^2/NDF : 61.5/47

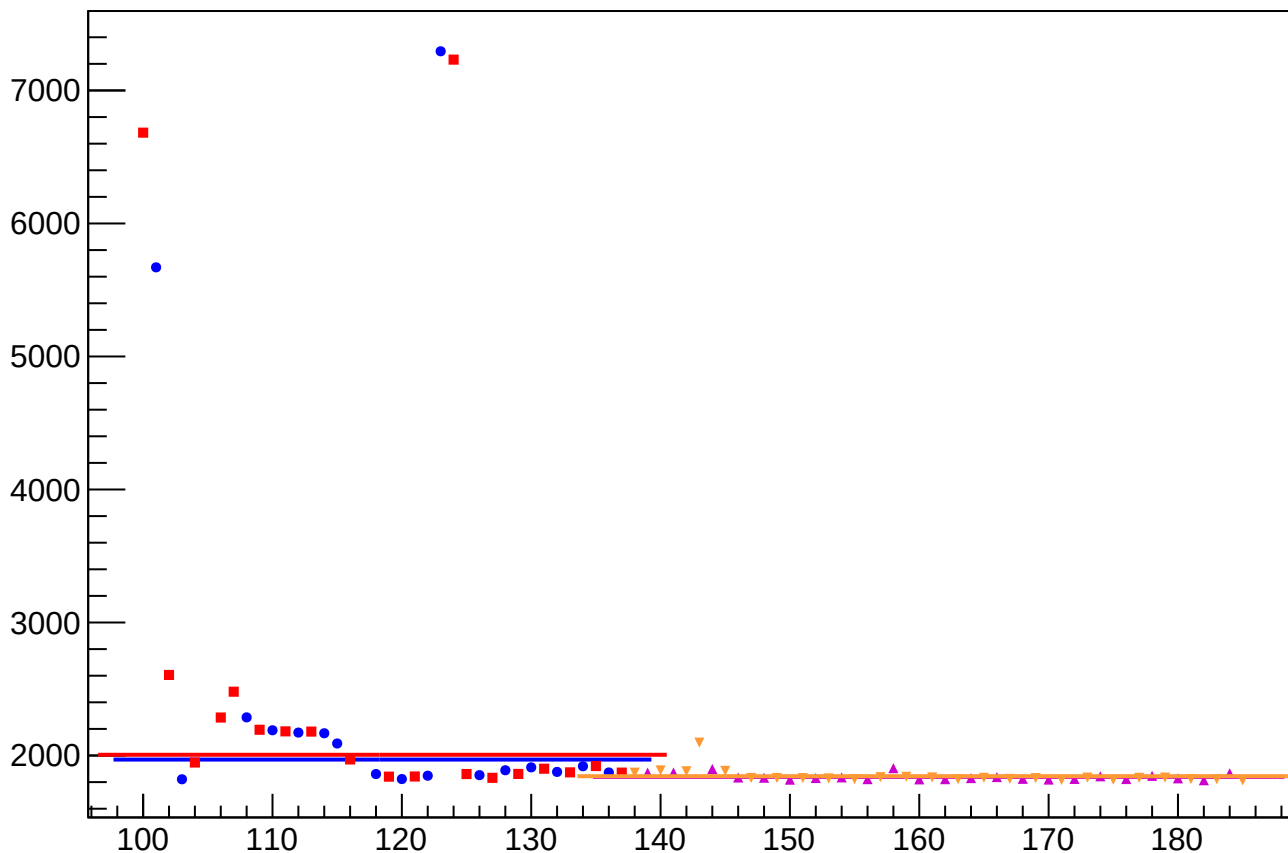
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -851.269+/-375.630 χ^2/NDF : 47.8/43

All: -629.941+/-268.129 χ^2/NDF : 97.9/83

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1844.406+/-0.304 χ^2/NDF : 26990.6/24

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

Left In: 1839.274+/-0.311 χ^2/NDF : 6386.1/22

Left: 1841.894+/-0.217 χ^2/NDF : 33515.9/47

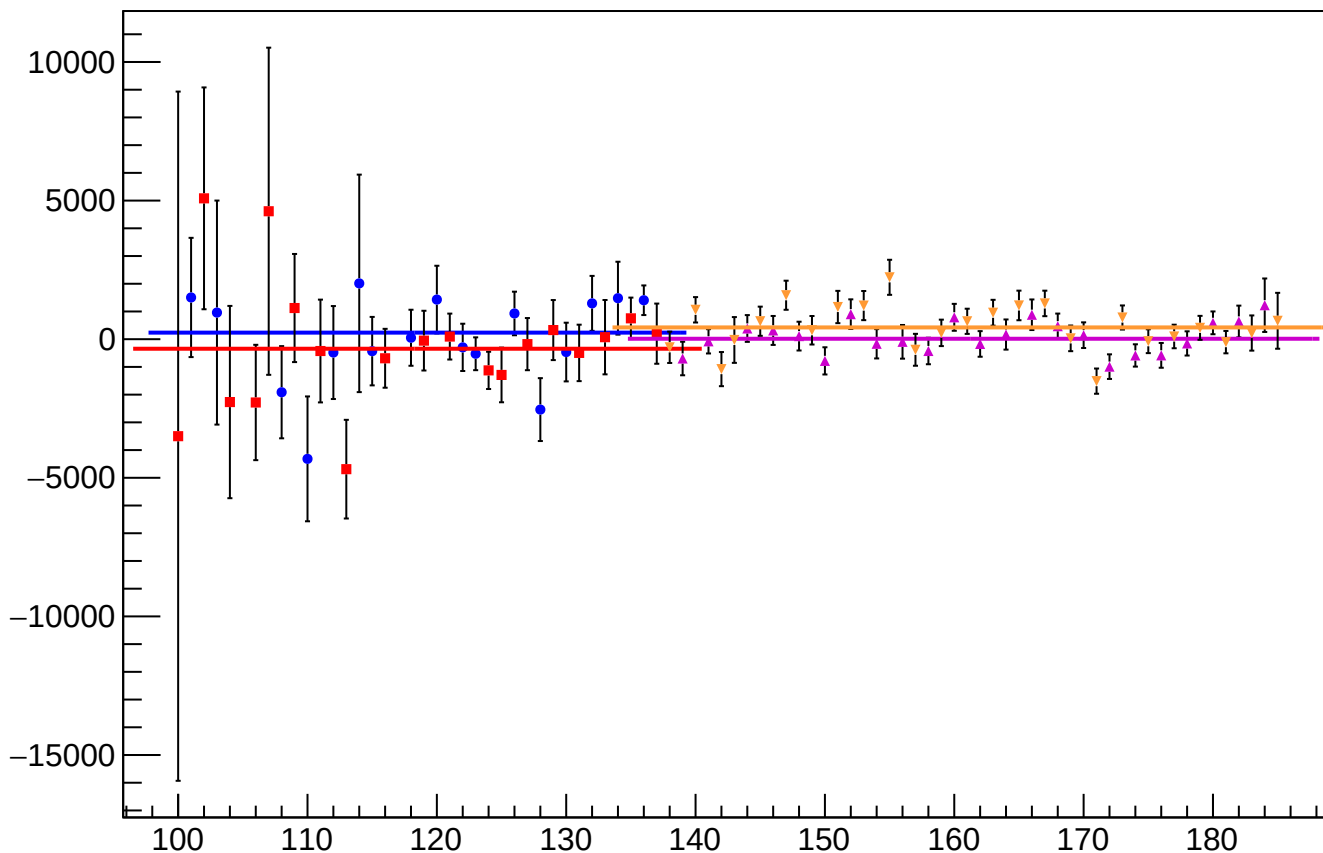
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

In: 1870.687+/-0.271 χ^2/NDF : 651547.0/39

Out: 1882.763+/-0.266 χ^2/NDF : 453394.6/43

All: 1876.840+/-0.190 χ^2/NDF : 1105955.4/83

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 424.797 $\pm$ 101.057 χ^2/NDF :59.7/24

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

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

Left: 223.836 $\pm$ 72.084 χ^2/NDF : 96.9/47

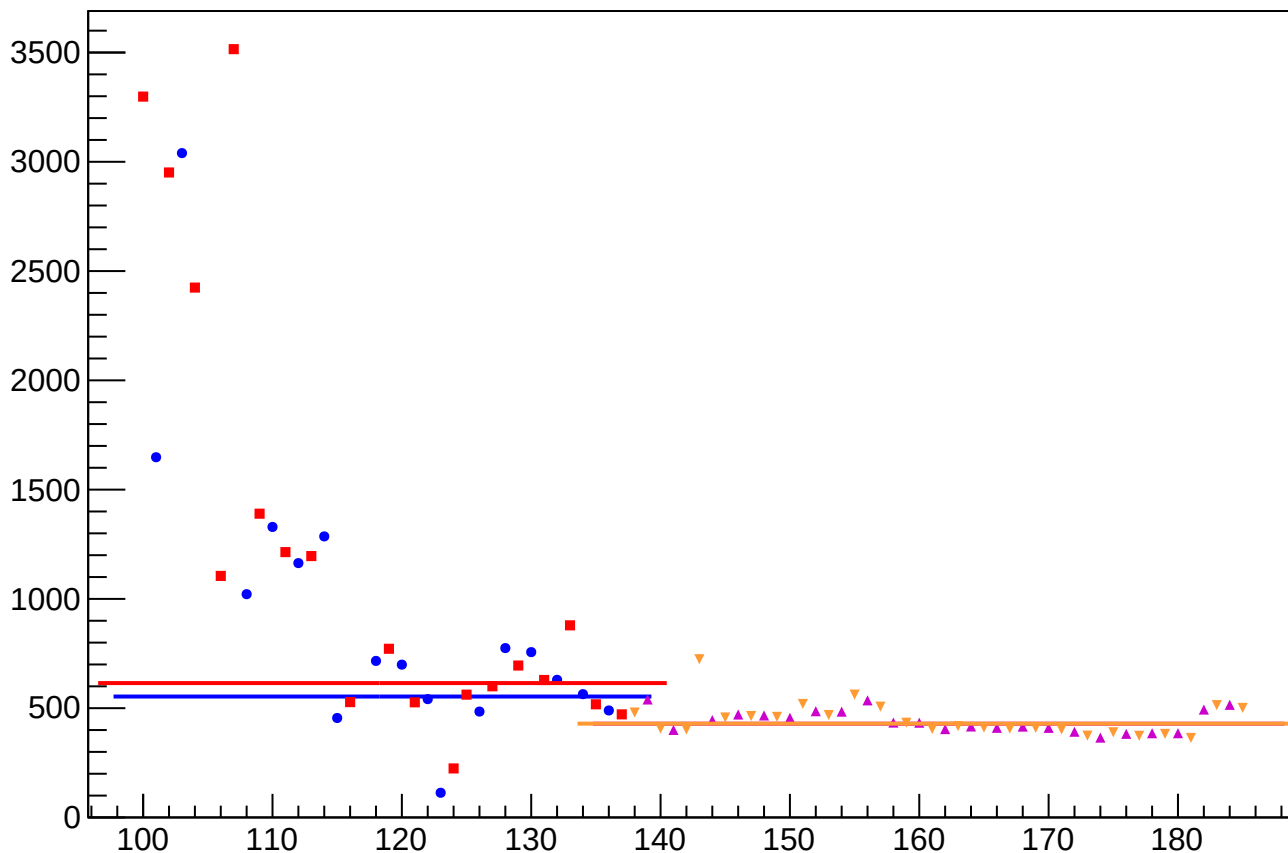
Right: -31.357 $\pm$ 182.424 χ^2/NDF : 42.4/35

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

Out: 329.380 $\pm$ 94.581 χ^2/NDF :82.9/43

All: 189.371 $\pm$ 67.040 χ^2/NDF : 140.9/83

asym_at1_dd_correction_rms vs Slug, Sign Corrected



Right In: 553.280 $\pm$ 0.176 χ^2 /NDF: 3412747.4/16

Left Out: 429.316 $\pm$ 0.071 χ^2 /NDF: 714597.4/24

Right Out: 614.829 $\pm$ 0.190 χ^2 /NDF: 3569607.7/18

Left In: 428.814 $\pm$ 0.073 χ^2 /NDF: 397391.5/22

Left: 429.069 $\pm$ 0.051 χ^2 /NDF: 1112013.2/47

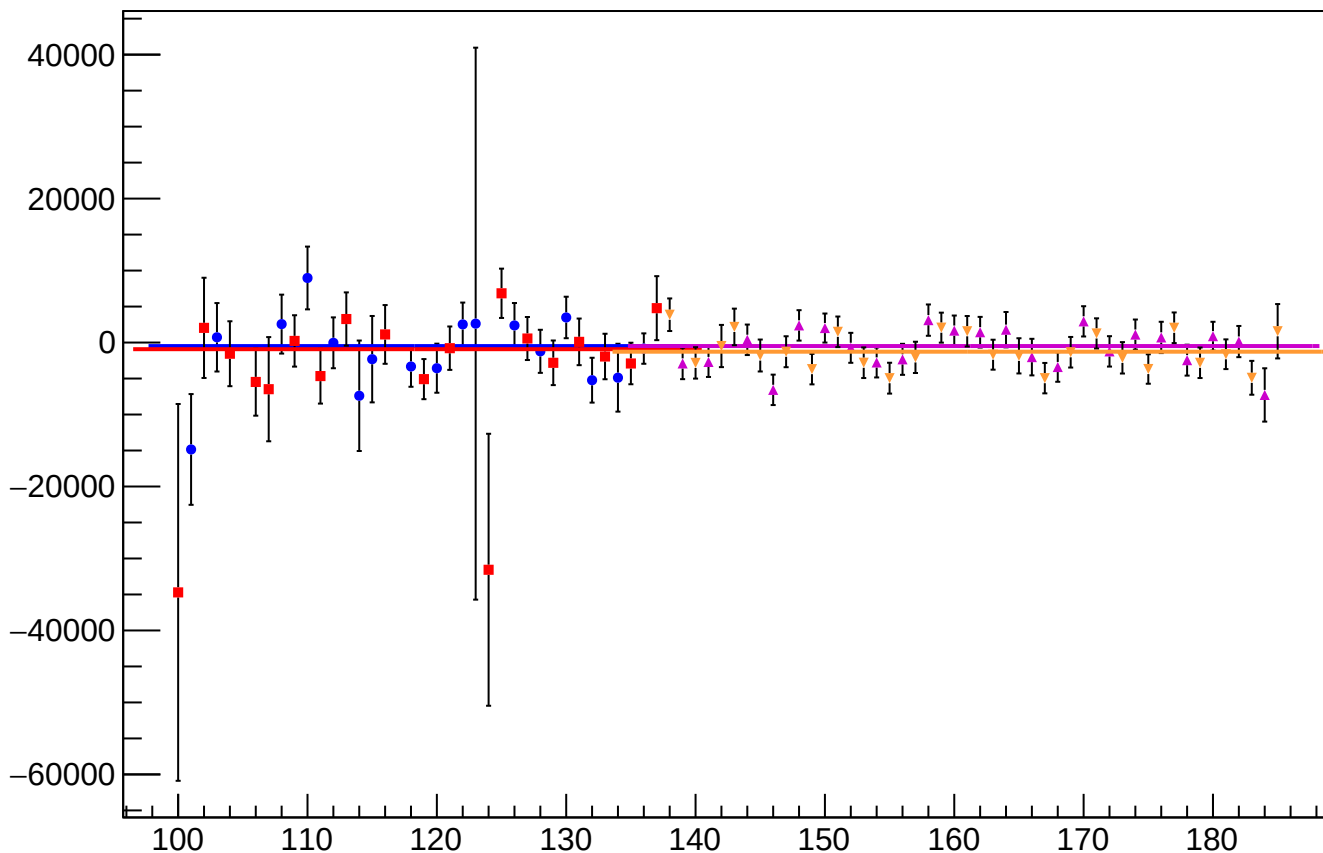
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 447.004 $\pm$ 0.067 χ^2 /NDF: 4238194.5/39

Out: 452.333 $\pm$ 0.067 χ^2 /NDF: 5120397.2/43

All: 449.681 $\pm$ 0.047 χ^2 /NDF: 9361750.6/83

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -491.940 $\pm$ 867.988 χ^2 /NDF: 18.6/16

Left Out: -1270.553 $\pm$ 443.070 χ^2 /NDF:30.6/24

Right Out: -921.907 $\pm$ 868.662 χ^2 /NDF: 18.9/18

Left In: -485.827 $\pm$ 452.020 χ^2 /NDF:32.4/22

Left: -886.036 $\pm$ 316.415 χ^2 /NDF: 64.6/47

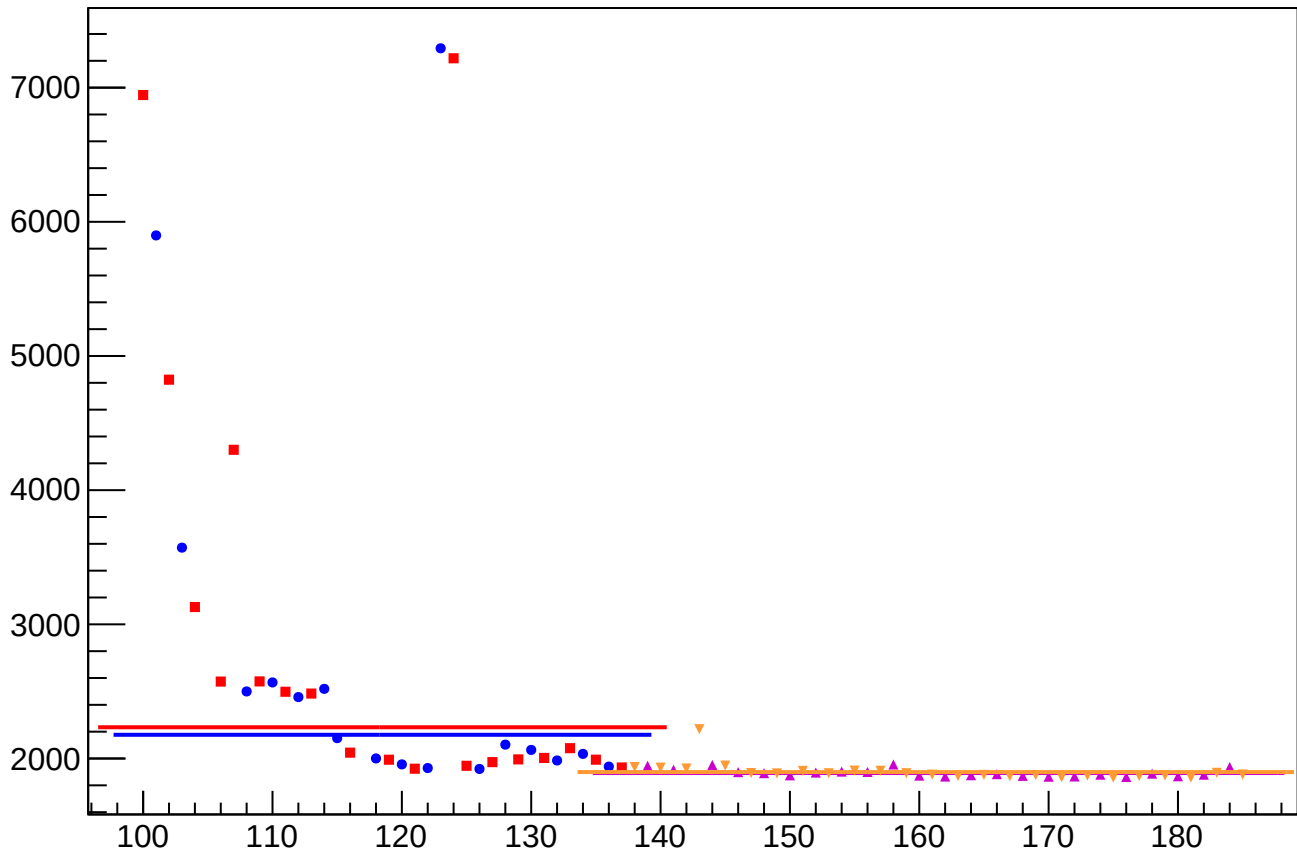
Right: -706.757 $\pm$ 613.998 χ^2 /NDF: 37.6/35

In: -487.131 $\pm$ 400.914 χ^2 /NDF:51.0/39

Out: -1198.575 $\pm$ 394.693 χ^2 /NDF:49.7/43

All: -848.416 $\pm$ 281.264 χ^2 /NDF: 102.3/83

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1898.941 $\pm$ 0.313 χ^2 /NDF: 38689.7/24

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

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

Left: 1895.403 $\pm$ 0.224 χ^2 /NDF: 46534.0/47

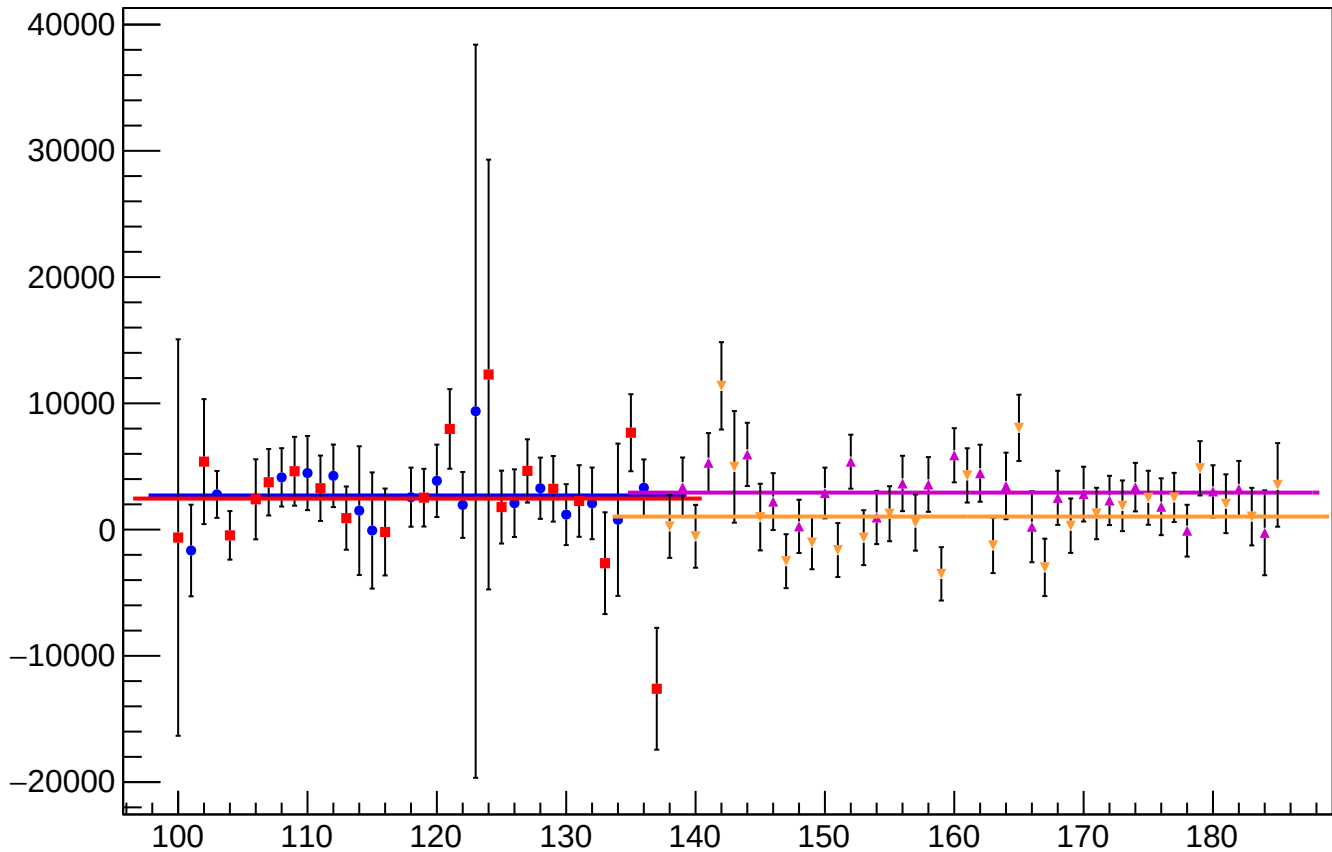
Right: 2204.793 $\pm$ 0.434 χ^2 /NDF: 1697410.2/35

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

Out: 1967.884 $\pm$ 0.279 χ^2 /NDF: 1163799.5/43

All: 1960.327 $\pm$ 0.199 χ^2 /NDF: 2145200.6/83

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1032.220 $\pm$ 458.959 χ^2 /NDF:39.7/24

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

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

Left: 1972.855 $\pm$ 325.955 χ^2 /NDF: 61.7/47

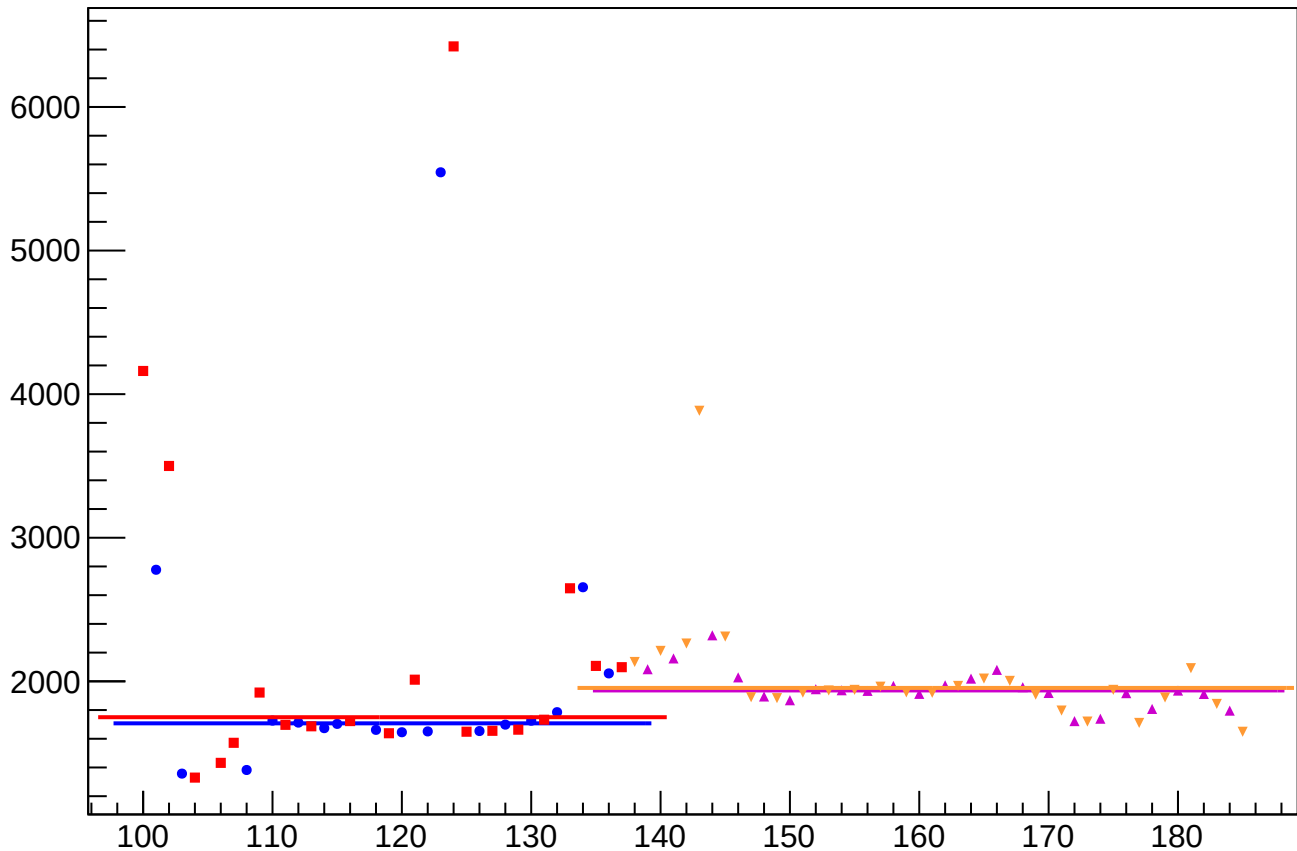
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

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

Out: 1476.314 $\pm$ 380.877 χ^2 /NDF:66.0/43

All: 2165.556 $\pm$ 269.581 χ^2 /NDF: 90.1/83

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1954.013+/-0.325 χ^2/NDF : 576393.9/24

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

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

Left: 1945.363+/-0.230 χ^2/NDF : 722565.2/47

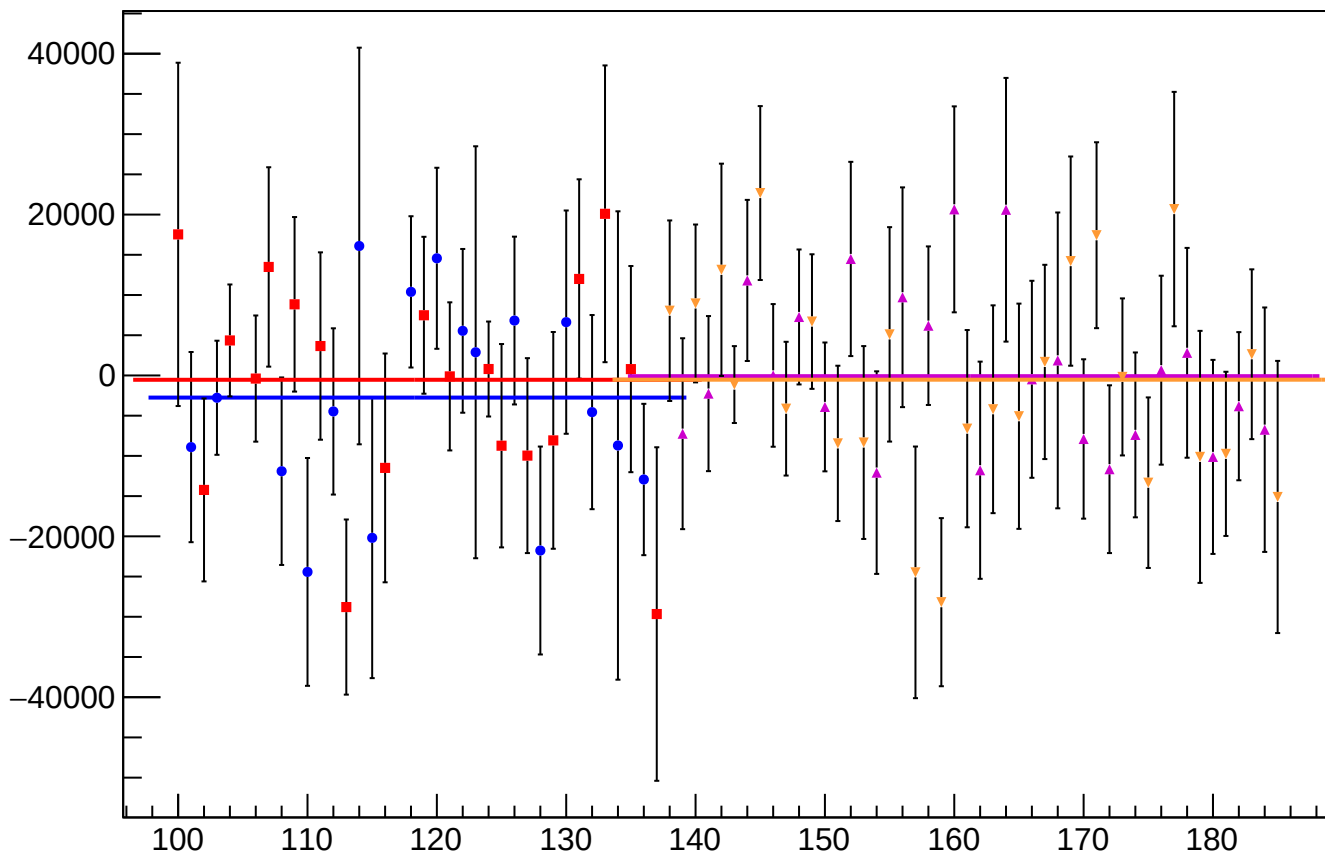
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

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

Out: 1890.512+/-0.269 χ^2/NDF : 1445825.9/43

All: 1876.819+/-0.191 χ^2/NDF : 2175039.2/83

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -527.474 $\pm$ 2085.331 χ^2 /NDF: 28.5/24

Right Out: -538.445 $\pm$ 2424.977 χ^2 /NDF: 18.5/18

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

Left: -329.496 $\pm$ 1544.709 χ^2 /NDF: 43.1/47

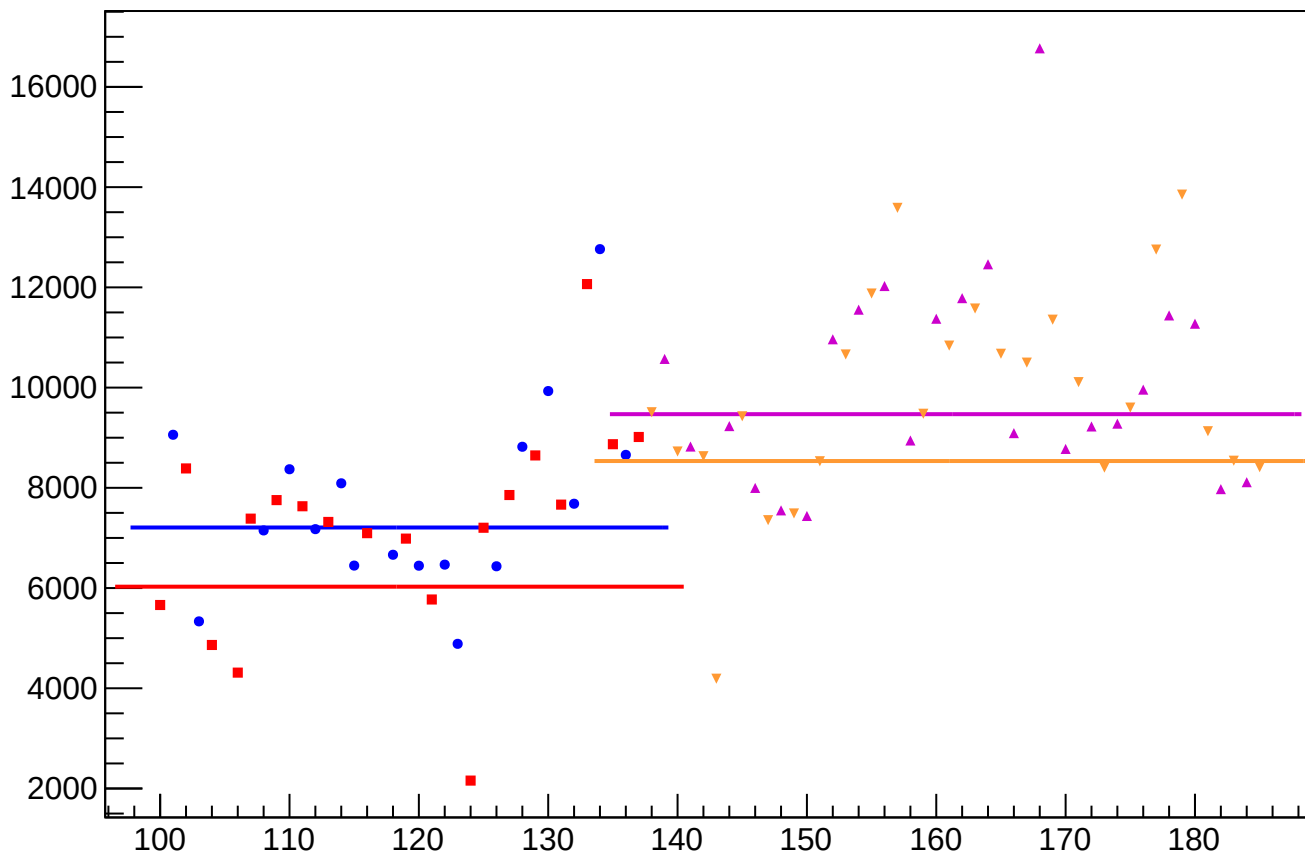
Right: -1470.363 $\pm$ 1844.820 χ^2 /NDF: 33.4/35

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

Out: -532.138 $\pm$ 1581.115 χ^2 /NDF: 47.0/43

All: -799.703 $\pm$ 1184.352 χ^2 /NDF: 76.7/83

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8534.748 $\pm$ 1.475 χ^2 /NDF:3004357.2/24

Right Out: 6027.409 $\pm$ 1.715 χ^2 /NDF: 1798157.6/18

Left In: 9469.781 $\pm$ 1.626 χ^2 /NDF:1138084.7/22

Left: 8956.718 $\pm$ 1.092 χ^2 /NDF: 4323904.8/47

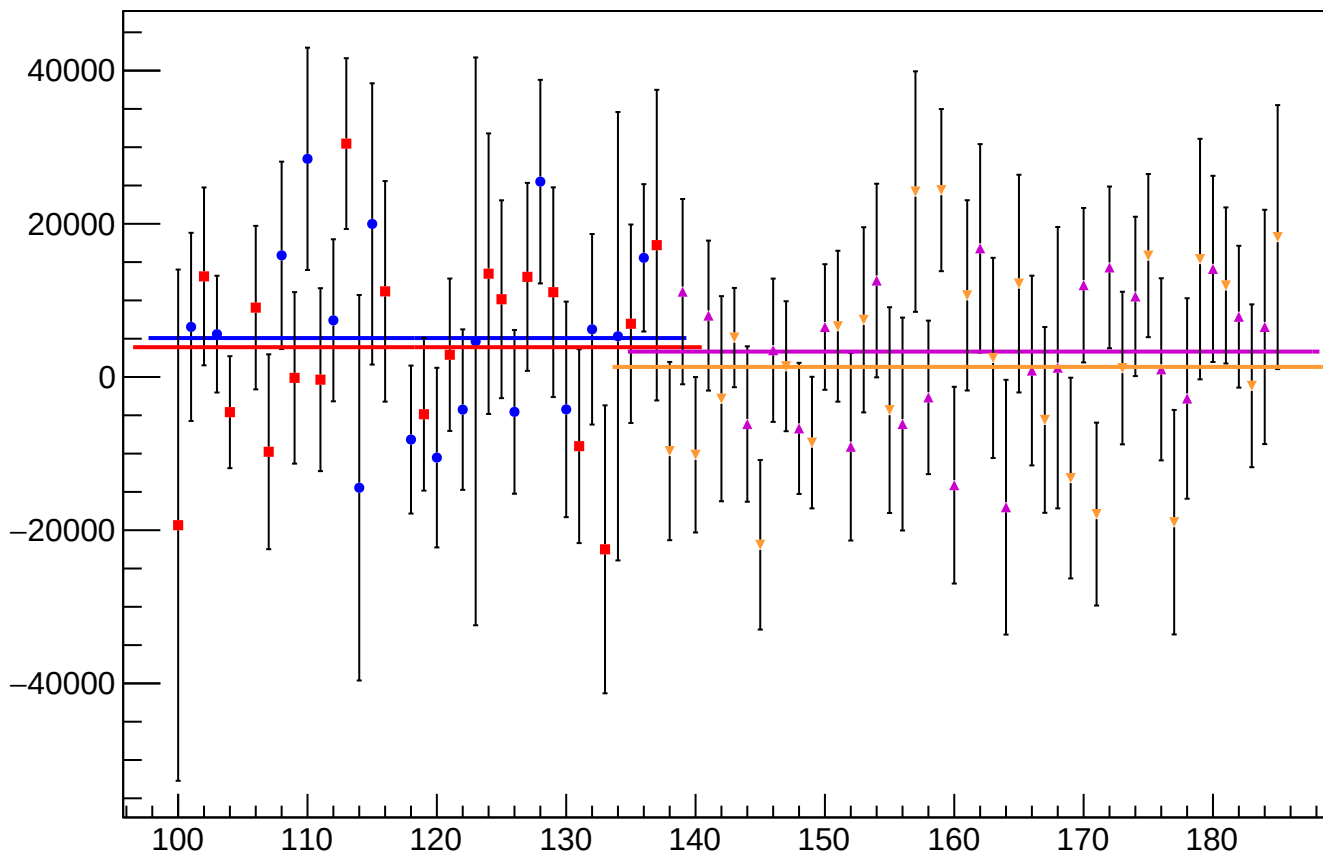
Right: 6524.876 $\pm$ 1.304 χ^2 /NDF: 2491712.1/35

In: 8575.236 $\pm$ 1.264 χ^2 /NDF:2397038.7/39

Out: 7468.828 $\pm$ 1.118 χ^2 /NDF:6031701.5/43

All: 7954.439 $\pm$ 0.837 χ^2 /NDF: 8858579.6/83

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1316.963+/-2213.019 χ^2/NDF : 27.9/24

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

Left In: 3316.960+/-2336.196 χ^2/NDF : 13.4/22

Left: 2262.848+/-1606.622 χ^2/NDF : 41.8/47

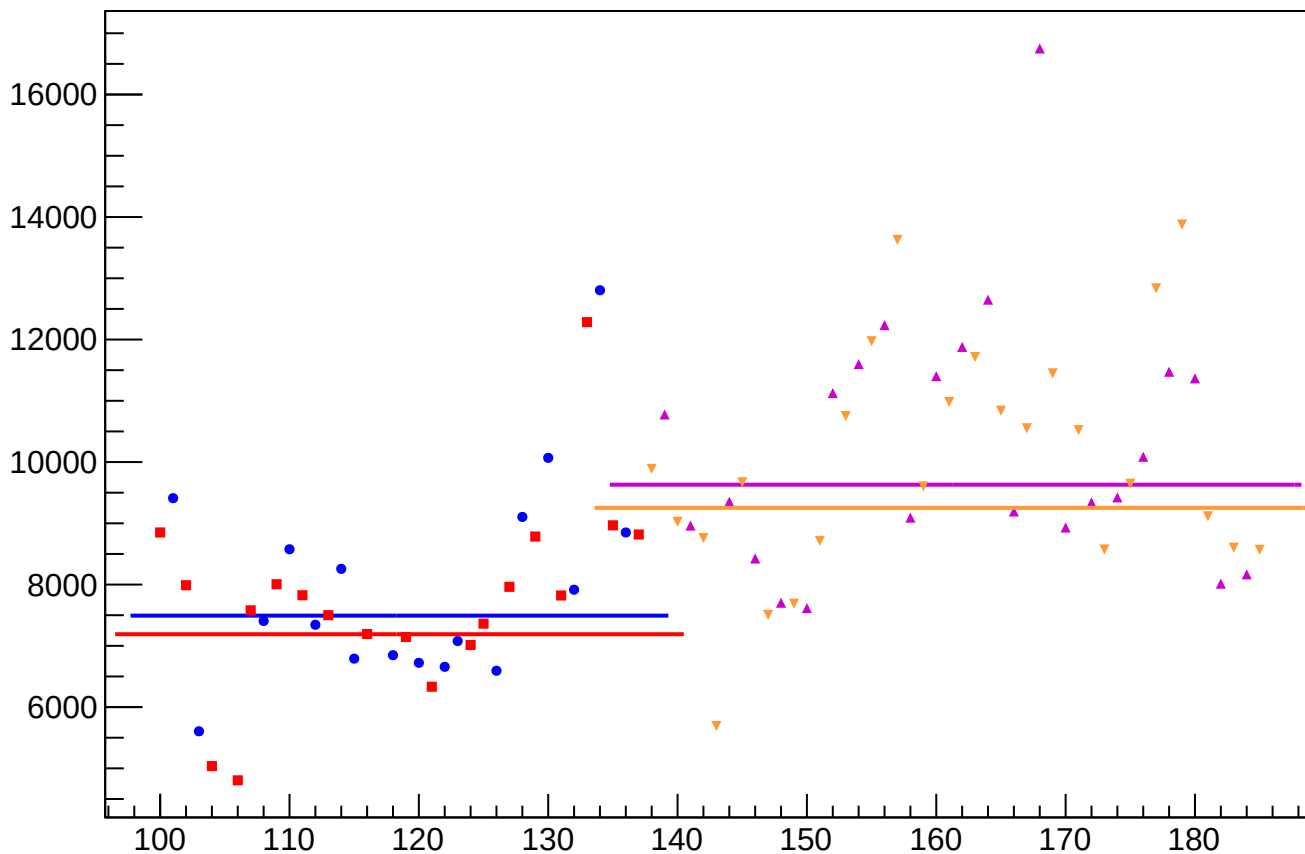
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3996.786+/-1832.702 χ^2/NDF : 27.6/39

Out: 2311.294+/-1733.882 χ^2/NDF : 44.1/43

All: 3107.375+/-1259.526 χ^2/NDF : 72.2/83

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9252.873+/-1.565 χ^2/NDF : 1597173.2/24

Right Out: 7189.504+/-1.973 χ^2/NDF : 560893.8/18

Left In: 9630.345+/-1.652 χ^2/NDF : 1074643.5/22

Left: 9431.396+/-1.136 χ^2/NDF : 2699336.1/47

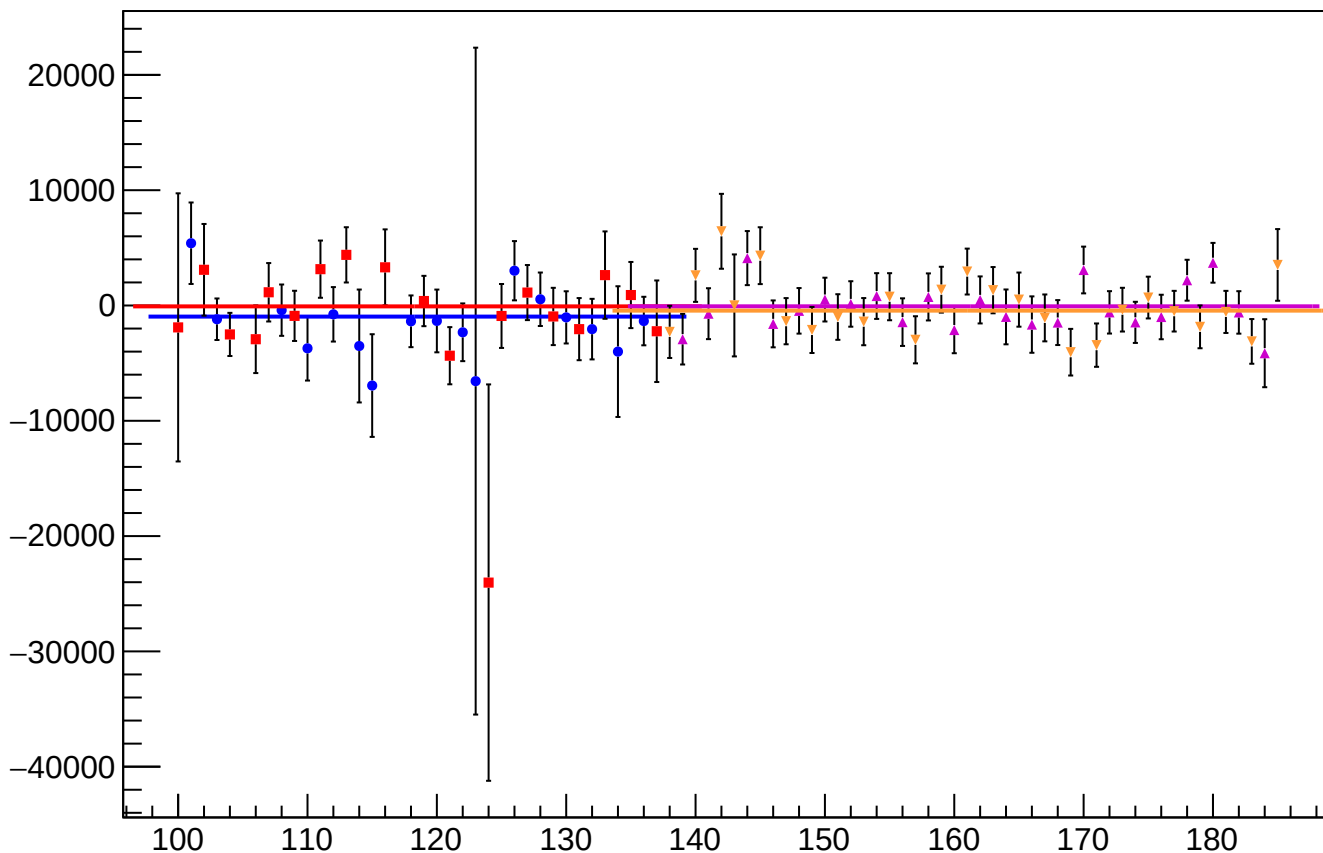
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8808.288+/-1.296 χ^2/NDF : 2155607.3/39

Out: 8455.995+/-1.226 χ^2/NDF : 2829538.7/43

All: 8622.381+/-0.891 χ^2/NDF : 5024145.1/83

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -445.187 $\pm$ 417.496 χ^2 /NDF:28.7/24

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

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

Left: -259.802 $\pm$ 296.516 χ^2 /NDF: 49.5/47

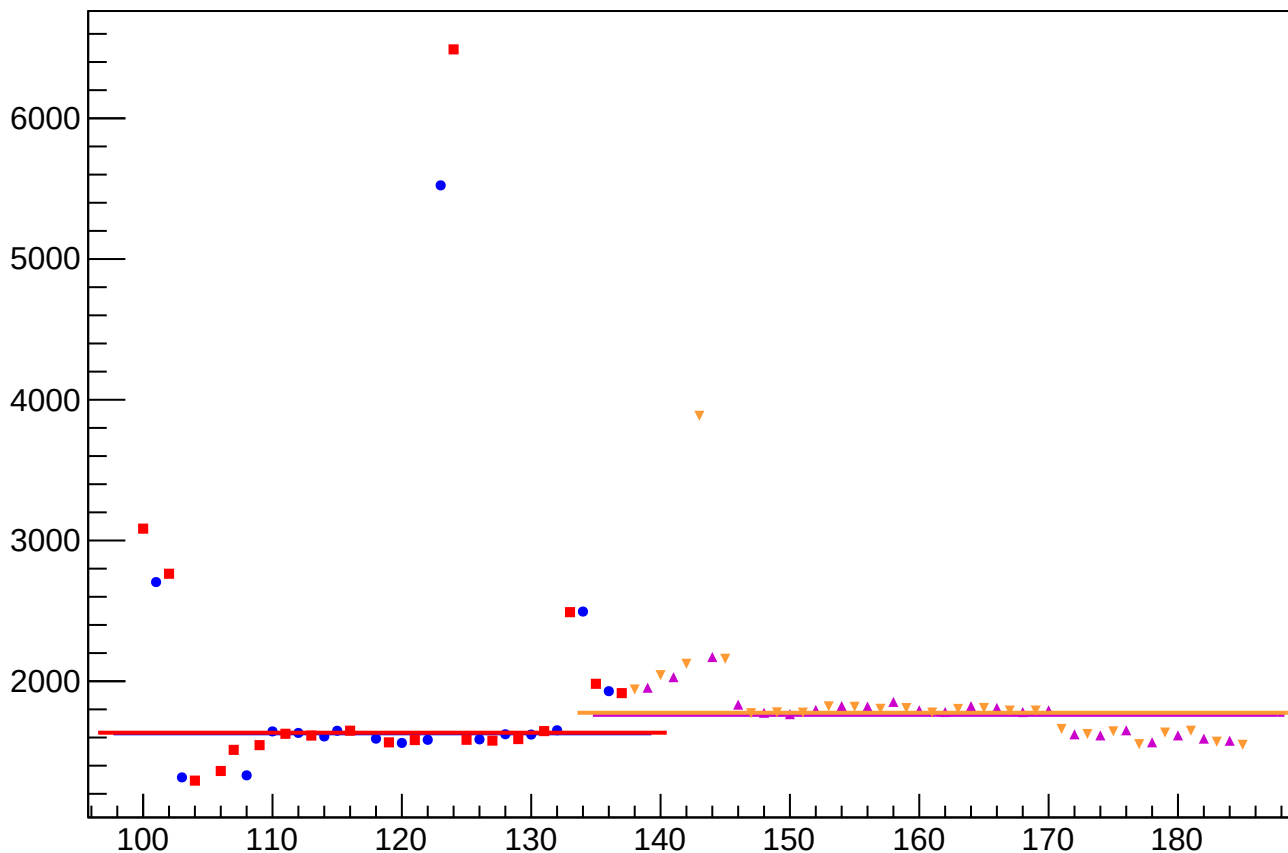
Right: -513.024 $\pm$ 451.276 χ^2 /NDF: 27.8/35

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

Out: -333.617 $\pm$ 348.599 χ^2 /NDF:45.7/43

All: -336.160 $\pm$ 247.810 χ^2 /NDF: 77.5/83

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1775.980+/-0.295 χ^2/NDF : 685463.7/24

Right Out: 1634.258+/-0.448 χ^2/NDF : 588649.4/18

Left In: 1761.158+/-0.298 χ^2/NDF : 215162.1/22

Left: 1768.634+/-0.210 χ^2/NDF : 901874.9/47

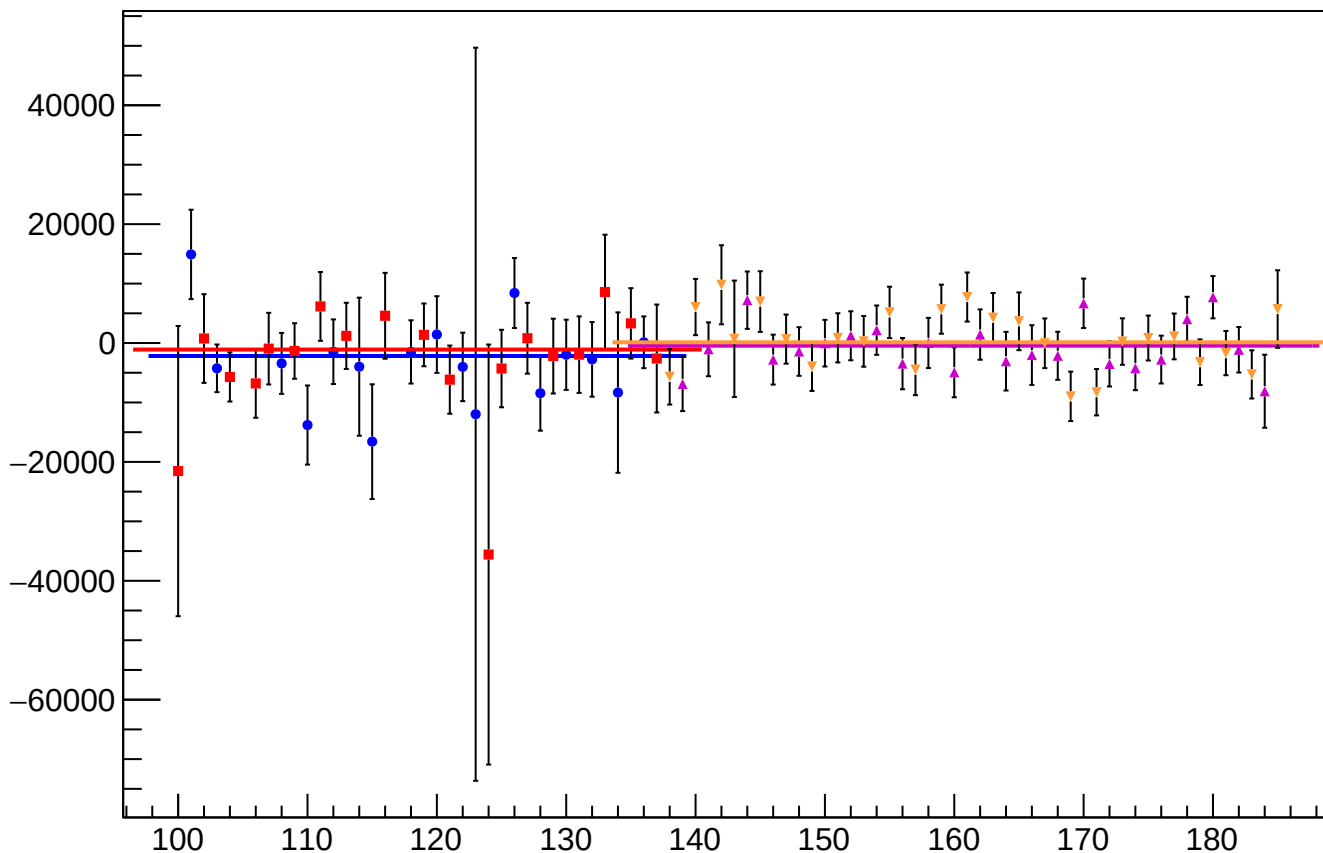
Right: 1632.138+/-0.319 χ^2/NDF : 996846.6/35

In: 1721.765+/-0.249 χ^2/NDF : 681580.3/39

Out: 1733.063+/-0.246 χ^2/NDF : 1343901.1/43

All: 1727.475+/-0.175 χ^2/NDF : 2026520.7/83

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 120.357+/-868.428 χ^2 /NDF:30.3/24

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

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

Left: -160.134+/-616.097 χ^2 /NDF: 51.6/47

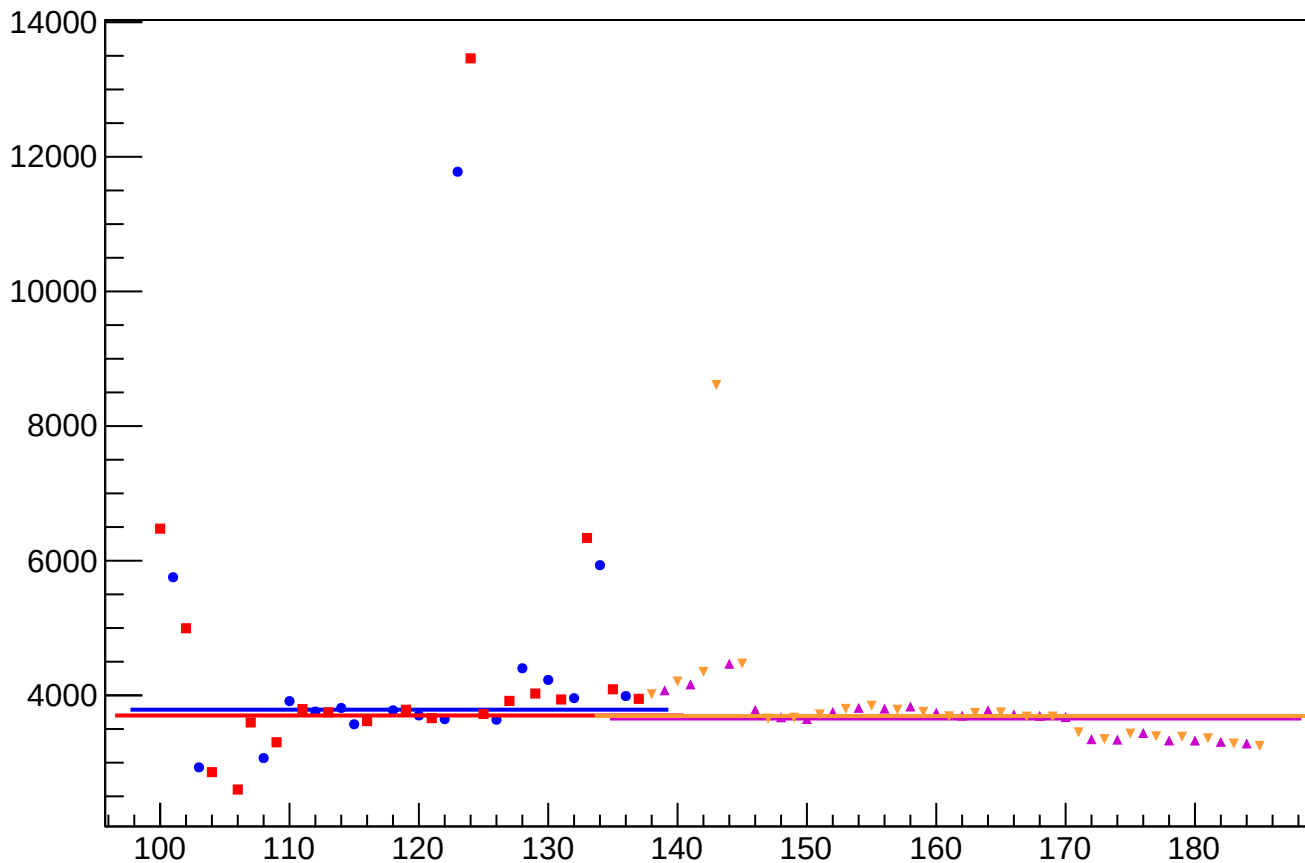
Right: -1619.192+/-1036.406 χ^2 /NDF: 25.5/35

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

Out: -204.731+/-743.635 χ^2 /NDF:40.1/43

All: -541.105+/-529.590 χ^2 /NDF: 78.6/83

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3693.101+/-0.614 χ^2/NDF : 711831.7/24

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

Left In: 3656.034+/-0.618 χ^2/NDF : 202126.4/22

Left: 3674.690+/-0.436 χ^2/NDF : 915768.0/47

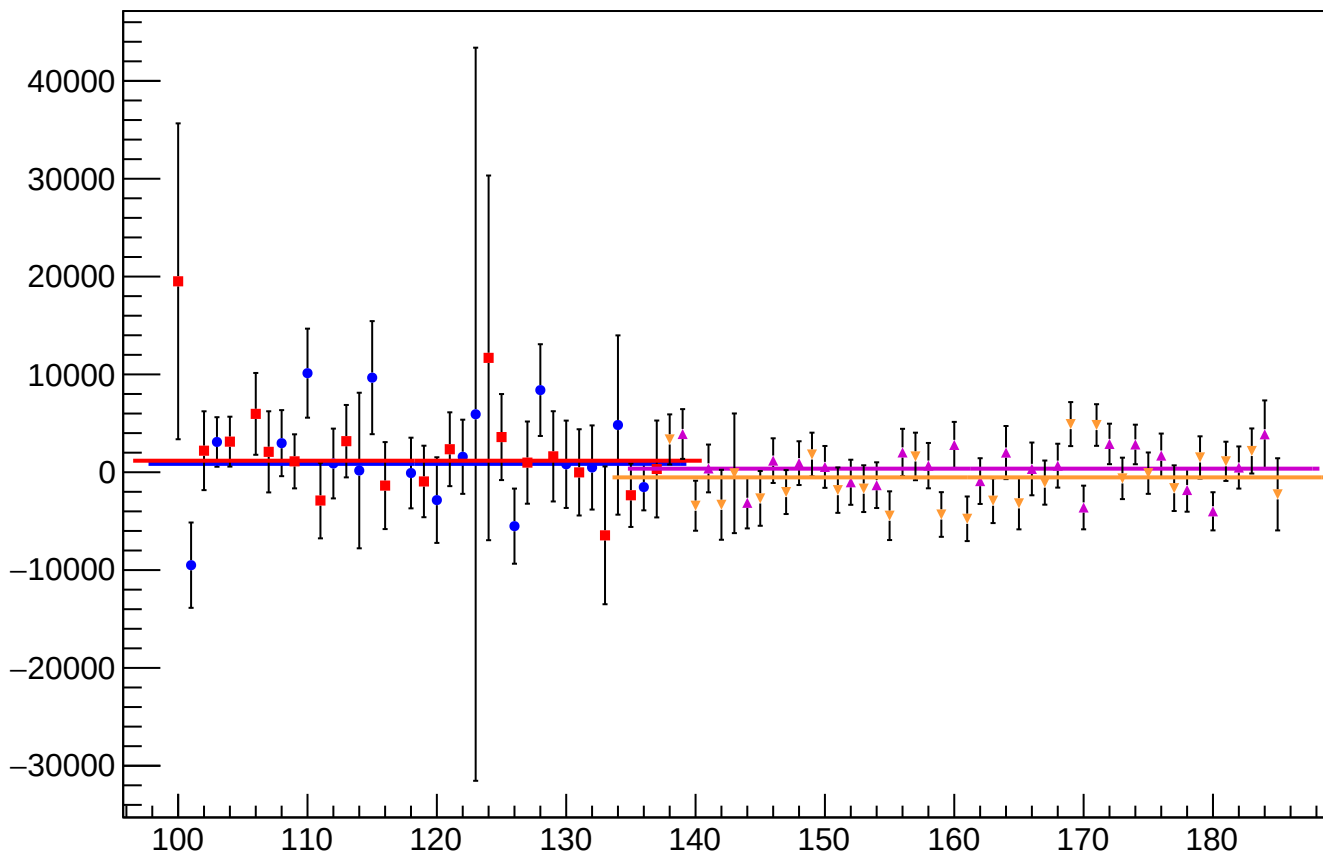
Right: 3742.549+/-0.733 χ^2/NDF : 977213.6/35

In: 3689.547+/-0.533 χ^2/NDF : 606290.3/39

Out: 3695.190+/-0.526 χ^2/NDF : 1292970.0/43

All: 3692.409+/-0.374 χ^2/NDF : 1899317.1/83

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -524.327 $\pm$ 481.313 χ^2/NDF :34.1/24

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

Left In: 366.243 $\pm$ 483.092 χ^2/NDF :20.5/22

Left: -80.685 $\pm$ 340.967 χ^2/NDF : 56.3/47

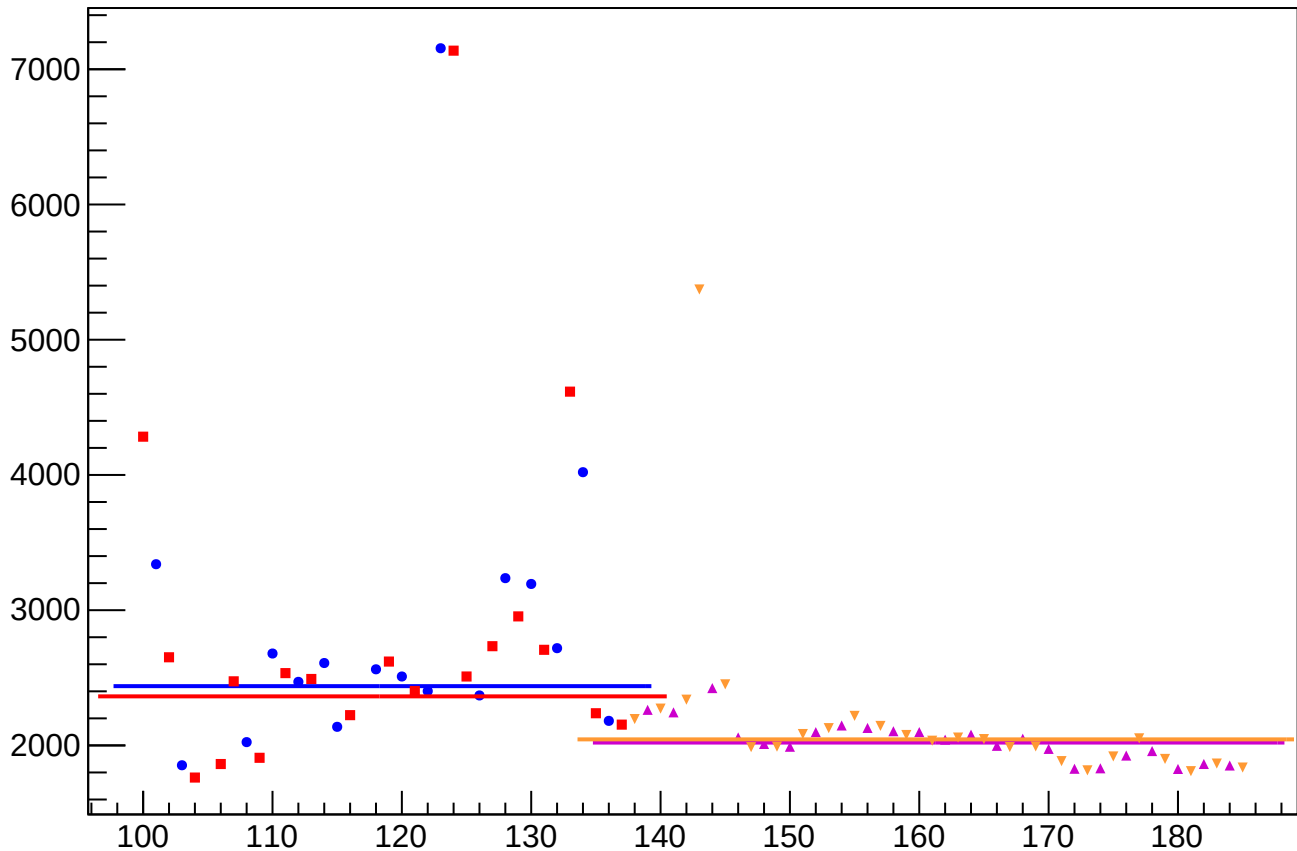
Right: 1023.765 $\pm$ 667.934 χ^2/NDF : 29.3/35

In: 464.466 $\pm$ 431.962 χ^2/NDF :41.4/39

Out: -162.025 $\pm$ 427.036 χ^2/NDF :45.3/43

All: 147.628 $\pm$ 303.686 χ^2/NDF : 87.8/83

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275 ± 0.682 $\chi^2/\text{NDF}: 476723.4/16$

Left Out: 2044.663 ± 0.340 $\chi^2/\text{NDF}: 788746.5/24$

Right Out: 2362.739 ± 0.655 $\chi^2/\text{NDF}: 657525.3/18$

Left In: 2021.065 ± 0.342 $\chi^2/\text{NDF}: 178726.2/22$

Left: 2032.908 ± 0.241 $\chi^2/\text{NDF}: 969867.6/47$

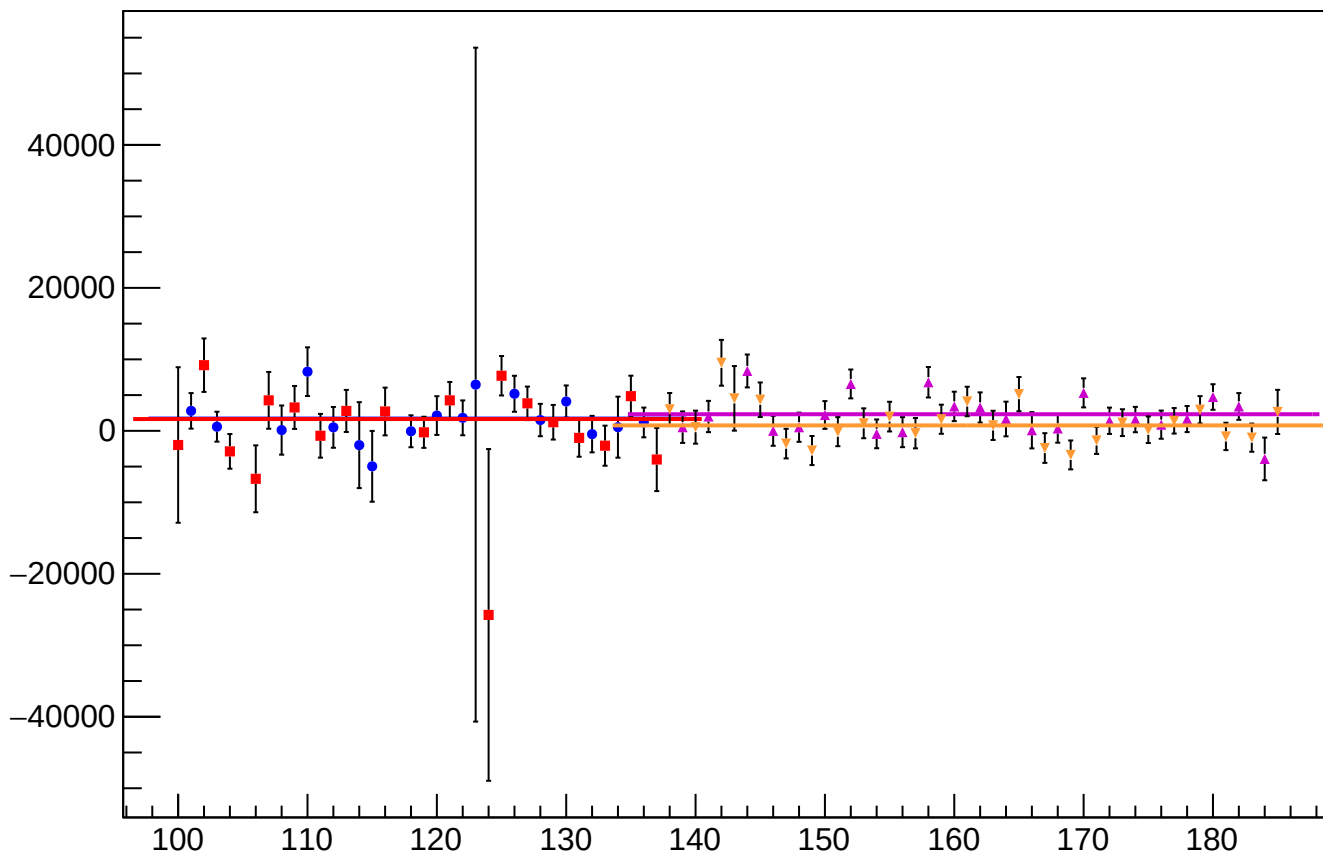
Right: 2398.946 ± 0.472 $\chi^2/\text{NDF}: 1140632.3/35$

In: 2104.707 ± 0.305 $\chi^2/\text{NDF}: 954502.2/39$

Out: 2112.357 ± 0.302 $\chi^2/\text{NDF}: 1632161.5/43$

All: 2108.576 ± 0.215 $\chi^2/\text{NDF}: 2586980.9/83$

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 760.007 $\pm$ 424.911 χ^2 /NDF:33.9/24

Right Out: 1650.522 $\pm$ 694.283 χ^2 /NDF: 27.0/18

Left In: 2323.976 $\pm$ 428.861 χ^2 /NDF:33.9/22

Left: 1534.757 $\pm$ 301.844 χ^2 /NDF: 74.5/47

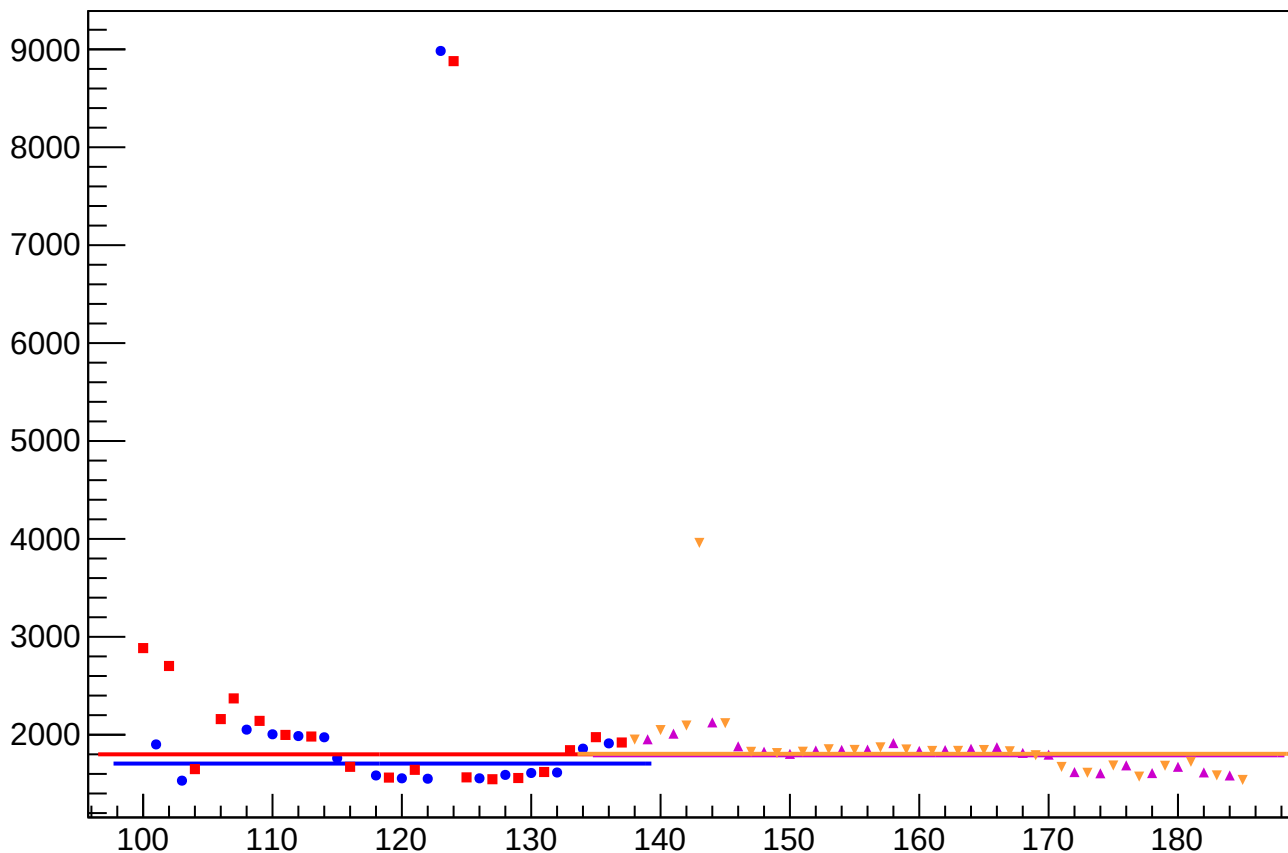
Right: 1682.780 $\pm$ 481.052 χ^2 /NDF: 38.3/35

In: 2145.201 $\pm$ 360.753 χ^2 /NDF:45.9/39

Out: 1002.668 $\pm$ 362.423 χ^2 /NDF:62.1/43

All: 1576.572 $\pm$ 255.679 χ^2 /NDF: 112.9/83

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1805.241 $\pm$ 0.300 χ^2 /NDF: 666591.8/24

Right Out: 1799.992 $\pm$ 0.490 χ^2 /NDF: 538779.9/18

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

Left: 1797.656 $\pm$ 0.213 χ^2 /NDF: 863504.9/47

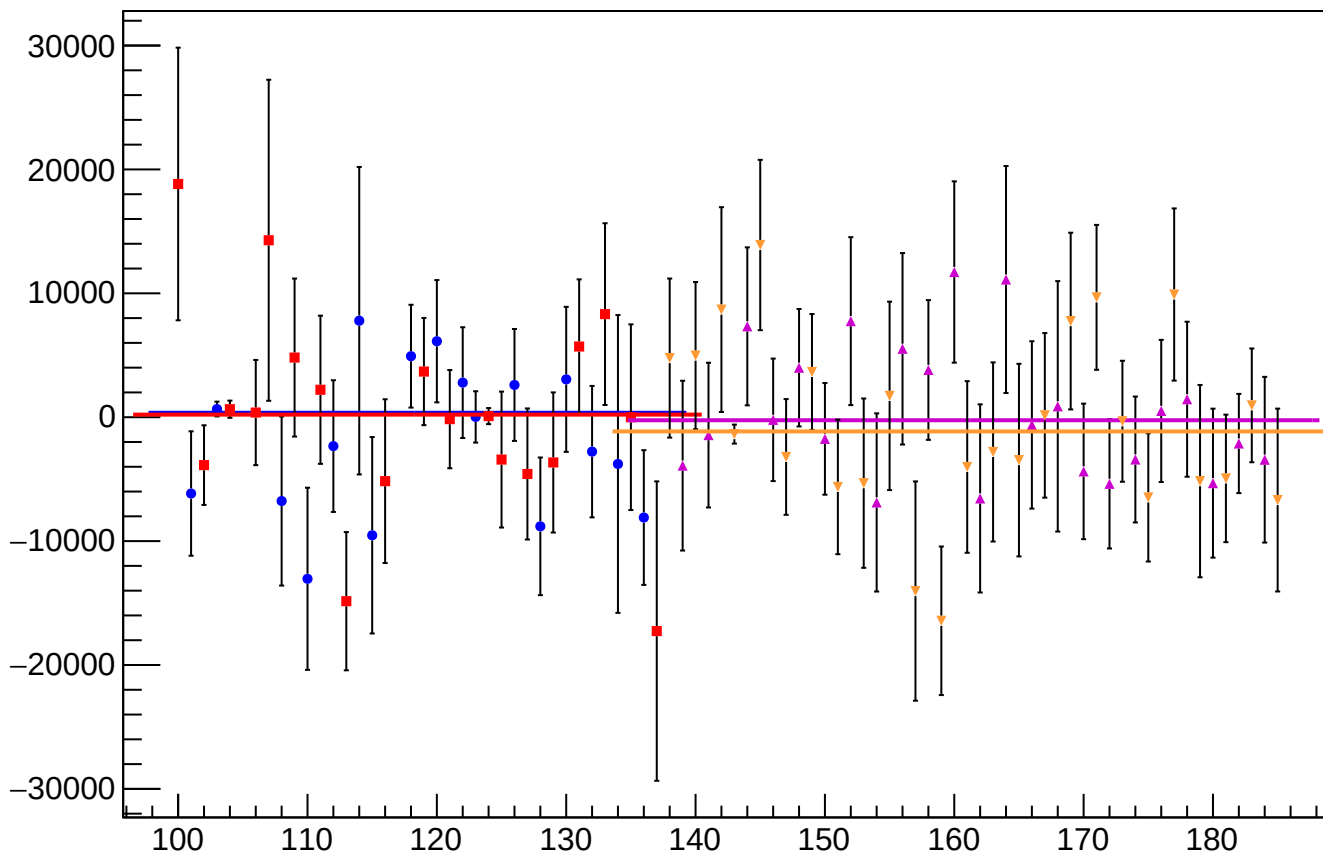
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

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

Out: 1803.806 $\pm$ 0.256 χ^2 /NDF: 1205455.1/43

All: 1784.465 $\pm$ 0.181 χ^2 /NDF: 1629214.3/83

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025 ± 533.209 $\chi^2/\text{NDF}: 17.5/16$

Left Out: -1147.407 ± 652.985 $\chi^2/\text{NDF}: 29.8/24$

Right Out: 209.907 ± 446.627 $\chi^2/\text{NDF}: 21.4/18$

Left In: -245.230 ± 1234.737 $\chi^2/\text{NDF}: 14.1/22$

Left: -950.234 ± 577.235 $\chi^2/\text{NDF}: 44.3/47$

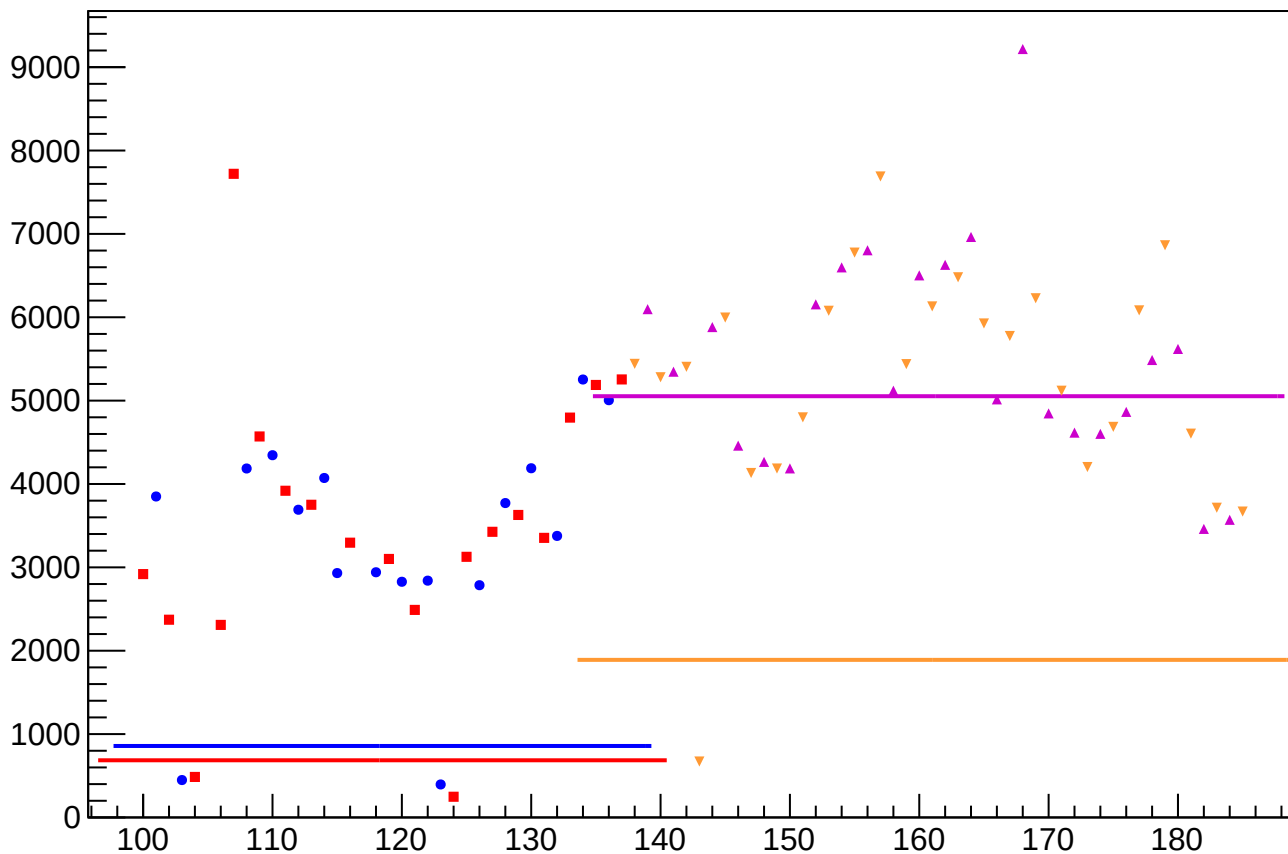
Right: 270.567 ± 342.385 $\chi^2/\text{NDF}: 38.9/35$

In: 262.365 ± 489.515 $\chi^2/\text{NDF}: 31.8/39$

Out: -222.696 ± 368.644 $\chi^2/\text{NDF}: 54.1/43$

All: -47.157 ± 294.479 $\chi^2/\text{NDF}: 86.5/83$

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1890.340 $\pm$ 0.462 χ^2 /NDF:19754793.2/24

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

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

Left: 2581.549 $\pm$ 0.408 χ^2 /NDF: 31567628.5/47

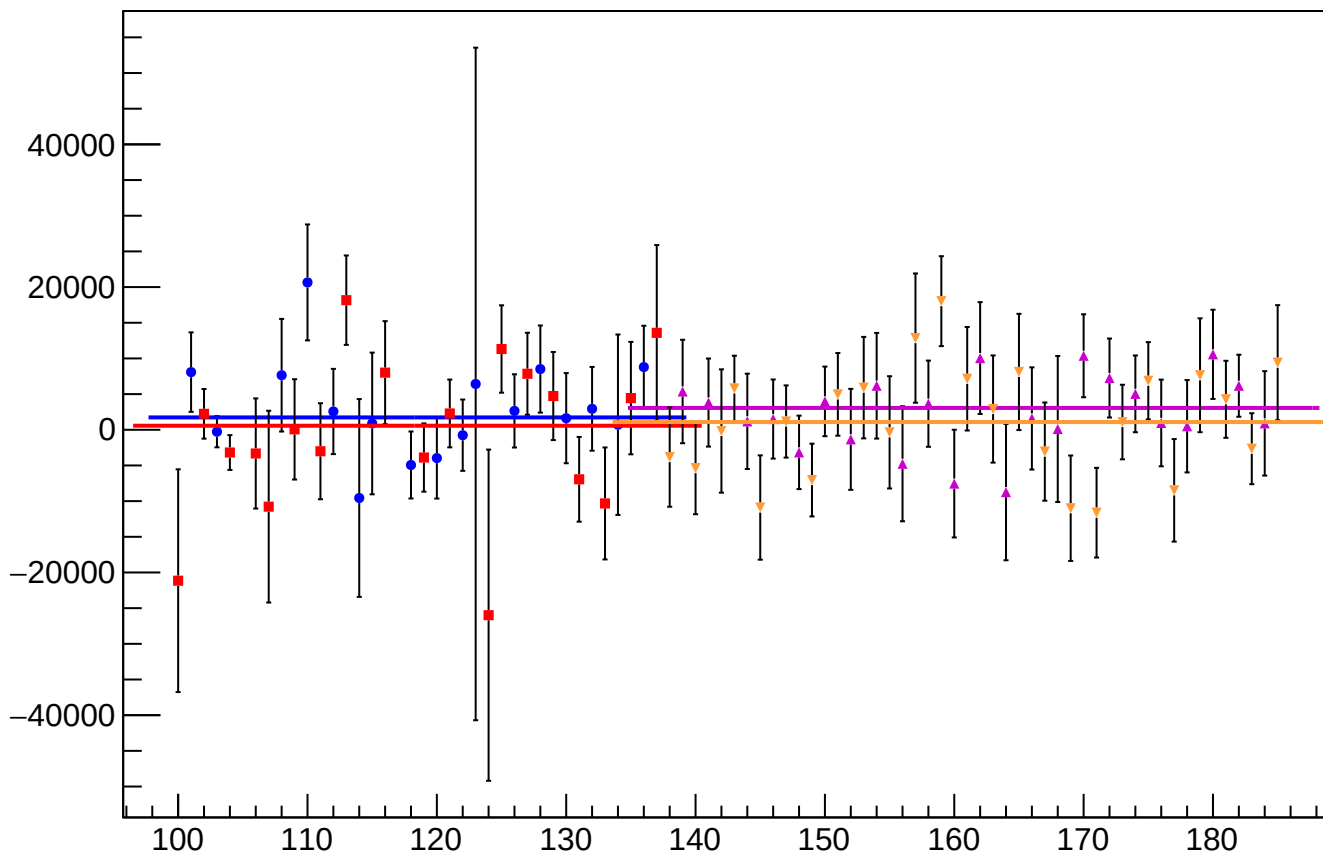
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 1069.711 $\pm$ 0.261 χ^2 /NDF:33852426.8/43

All: 1231.546 $\pm$ 0.208 χ^2 /NDF: 64113983.8/86

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1082.885+/-1272.696 χ^2/NDF : 31.9/24

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

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

Left: 2041.181+/-913.915 χ^2/NDF : 45.3/47

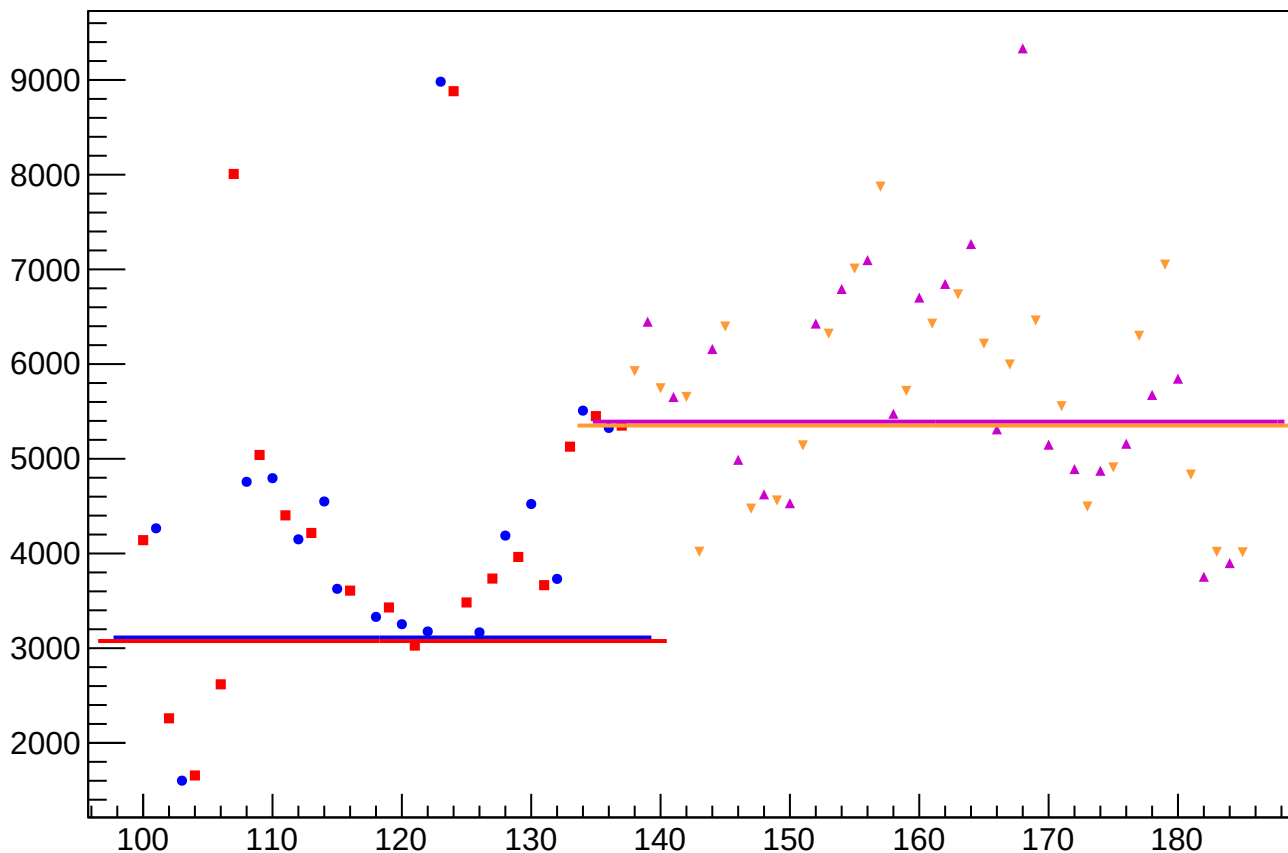
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 827.728+/-904.707 χ^2/NDF : 59.0/43

All: 1592.566+/-646.957 χ^2/NDF : 88.2/83

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5350.853 $\pm$ 0.900 χ^2 /NDF: 1241068.3/24

Right Out: 3075.702 $\pm$ 0.896 χ^2 /NDF: 2011000.5/18

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

Left: 5370.776 $\pm$ 0.646 χ^2 /NDF: 2562495.8/47

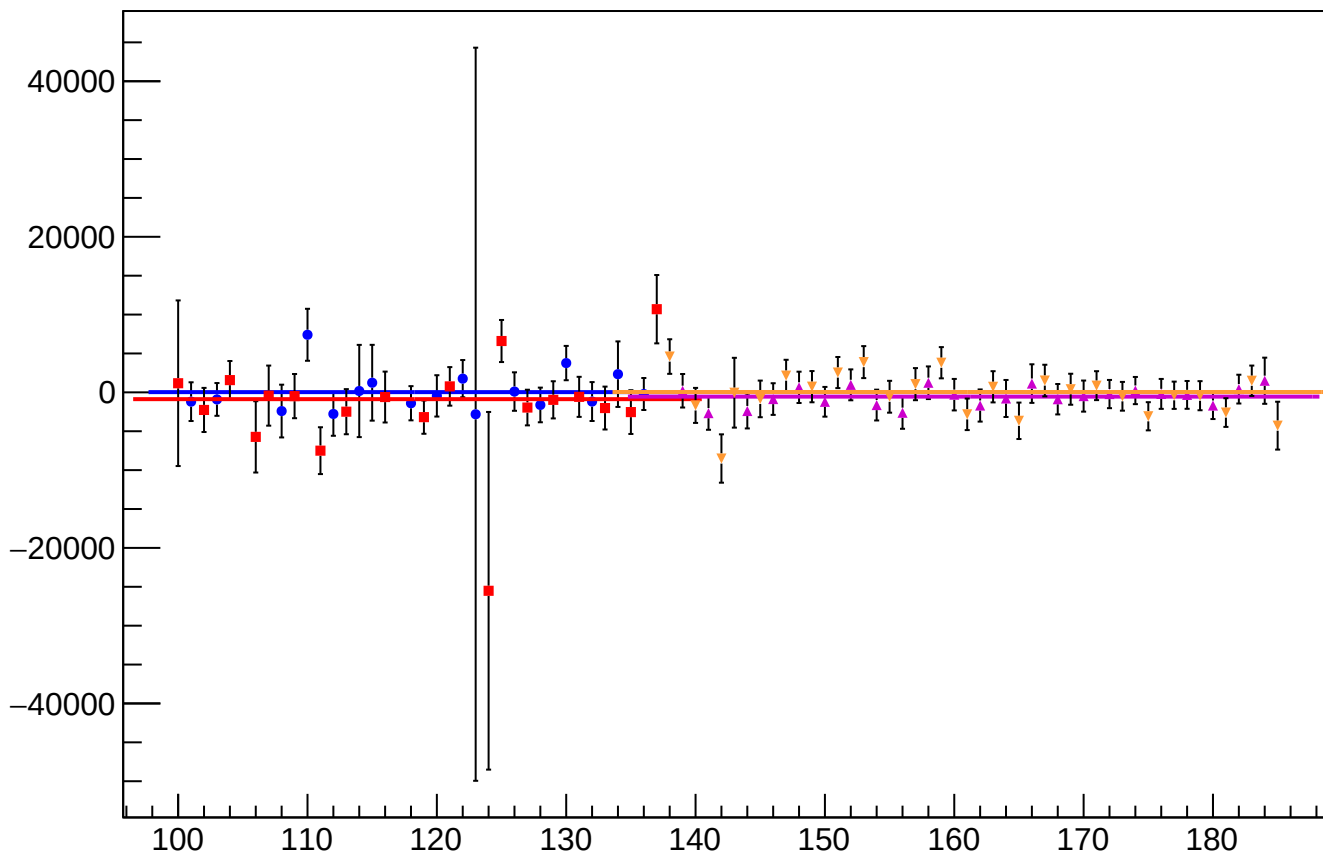
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 4208.790 $\pm$ 0.635 χ^2 /NDF: 6460412.1/43

All: 4226.279 $\pm$ 0.456 χ^2 /NDF: 12699304.7/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 45.291 $\pm$ 416.718 χ^2 /NDF:35.7/24

Right Out: -874.470 $\pm$ 673.273 χ^2 /NDF: 25.7/18

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

Left: -248.865 $\pm$ 296.155 χ^2 /NDF: 43.9/47

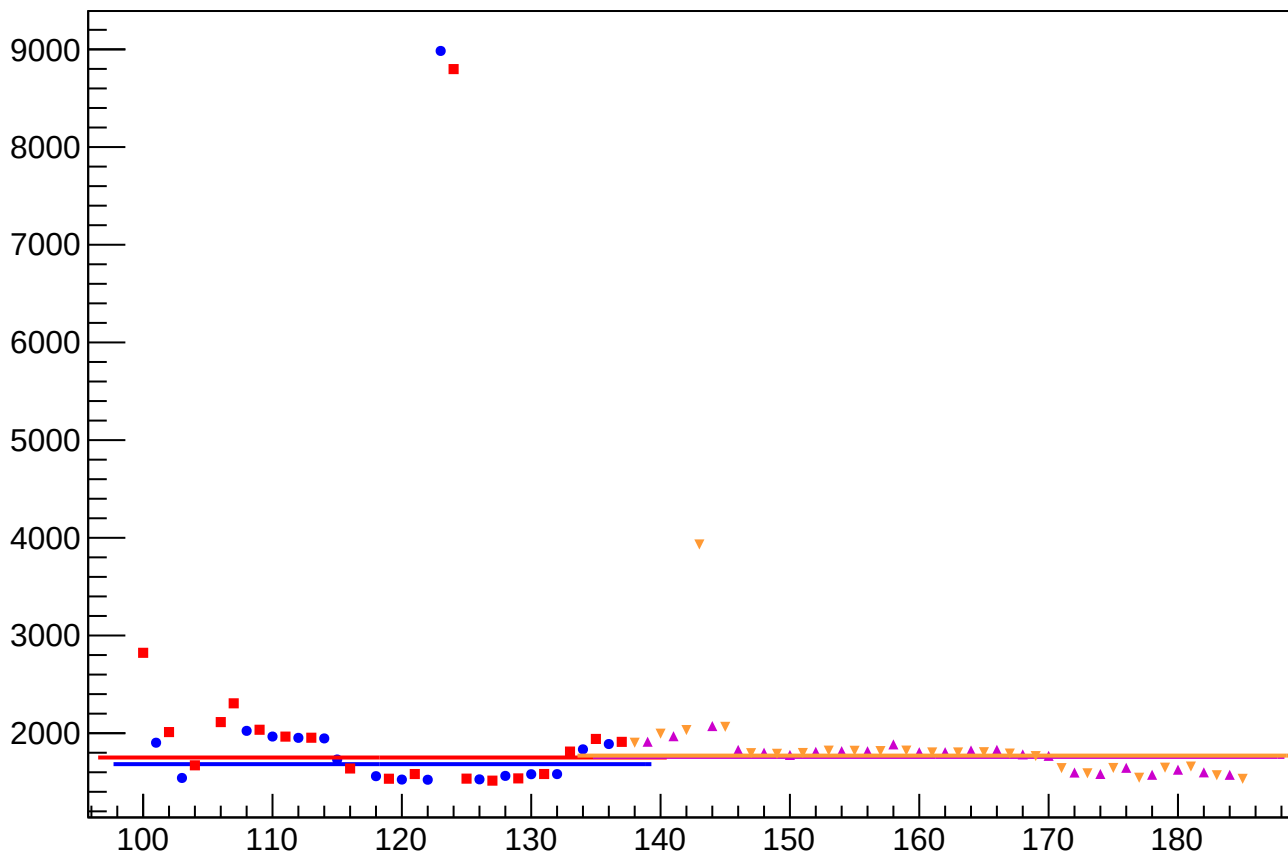
Right: -412.596 $\pm$ 470.731 χ^2 /NDF: 38.4/35

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

Out: -209.466 $\pm$ 354.337 χ^2 /NDF:62.7/43

All: -295.295 $\pm$ 250.671 χ^2 /NDF: 82.4/83

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1770.612+/-0.295 χ^2/NDF : 664799.4/24

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

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

Left: 1764.025+/-0.209 χ^2/NDF : 853813.2/47

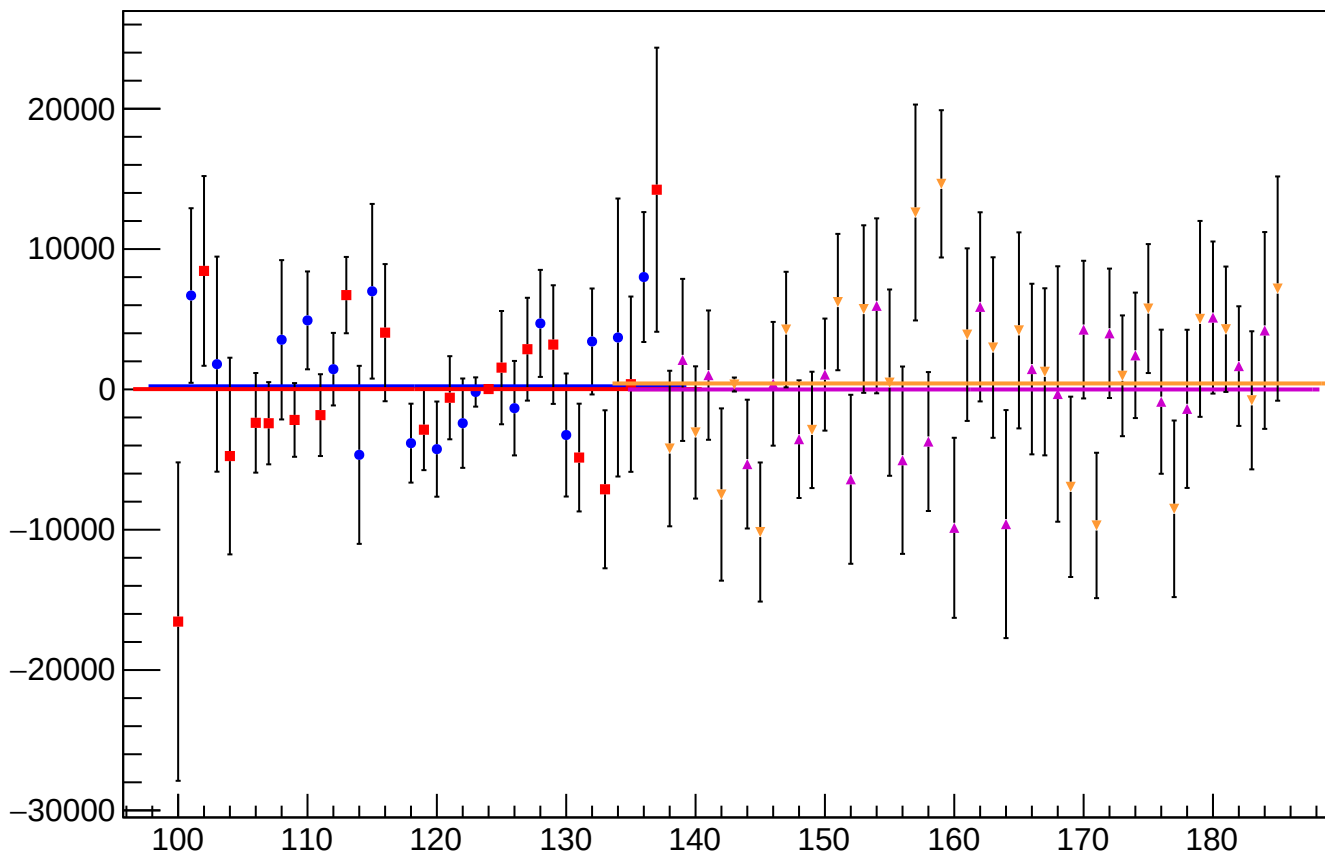
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1765.186+/-0.250 χ^2/NDF : 1093089.2/43

All: 1750.505+/-0.177 χ^2/NDF : 1501856.7/83

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 423.224 $\pm$ 454.790 χ^2 /NDF:32.3/24

Right Out: 20.268 $\pm$ 114.130 χ^2 /NDF: 20.7/18

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

Left: 360.393 $\pm$ 420.147 χ^2 /NDF: 45.8/47

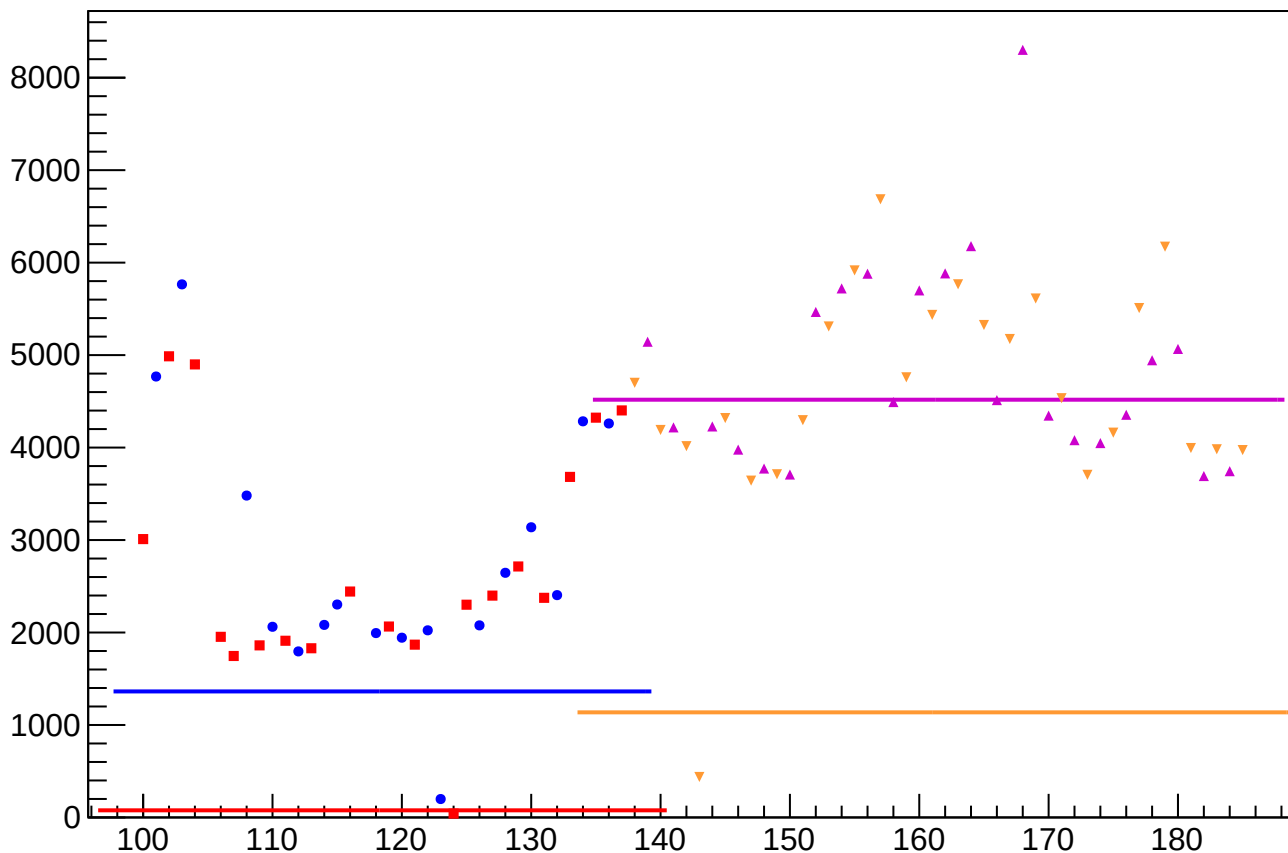
Right: 25.147 $\pm$ 112.726 χ^2 /NDF: 36.6/35

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

Out: 44.141 $\pm$ 110.697 χ^2 /NDF:53.8/43

All: 47.659 $\pm$ 108.875 χ^2 /NDF: 83.0/83

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1136.631 $\pm$ 0.322 χ^2 /NDF: 24020382.7/24

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

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

Left: 1632.101 $\pm$ 0.297 χ^2 /NDF: 41396195.3/47

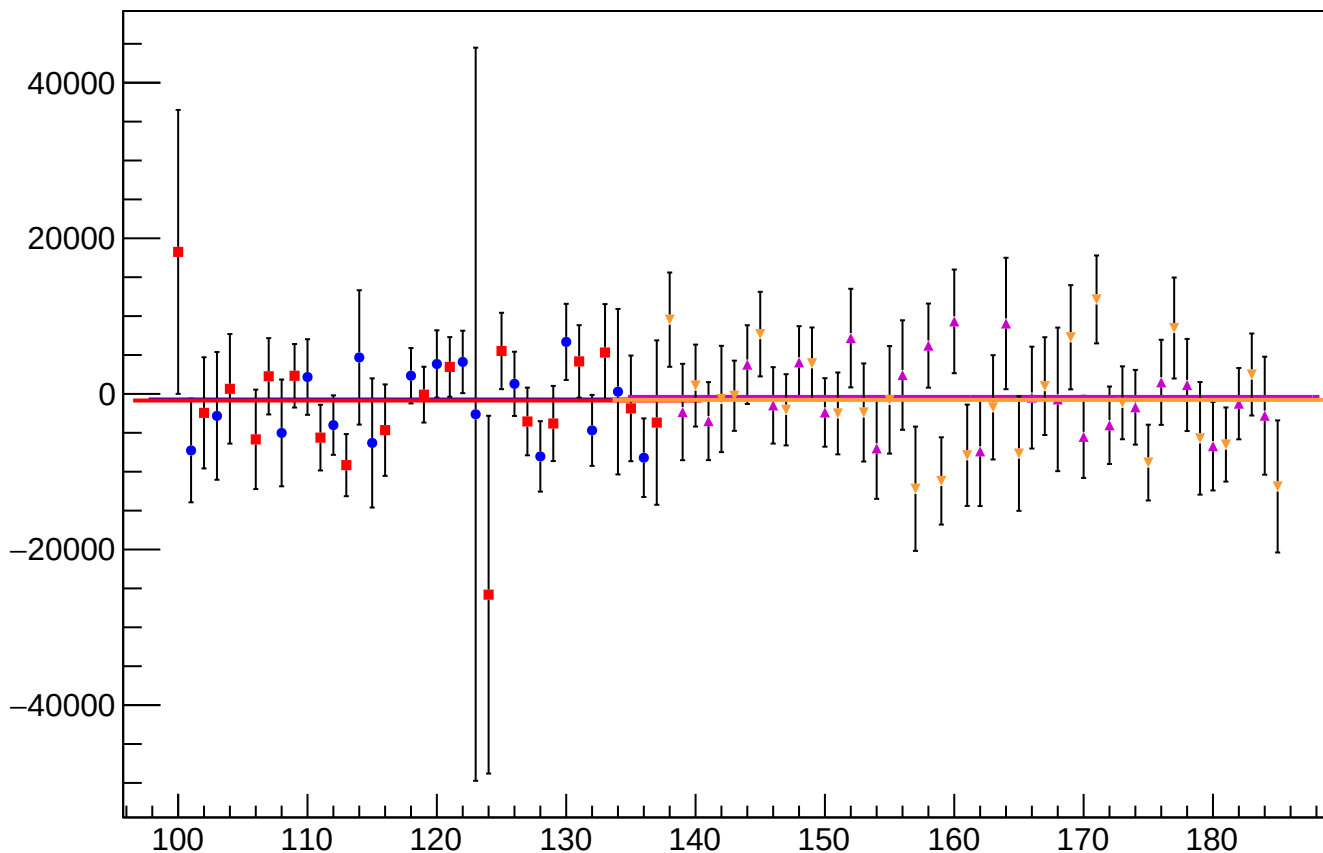
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 139.899 $\pm$ 0.078 χ^2 /NDF: 47479899.7/43

All: 210.872 $\pm$ 0.077 χ^2 /NDF: 91618568.1/83

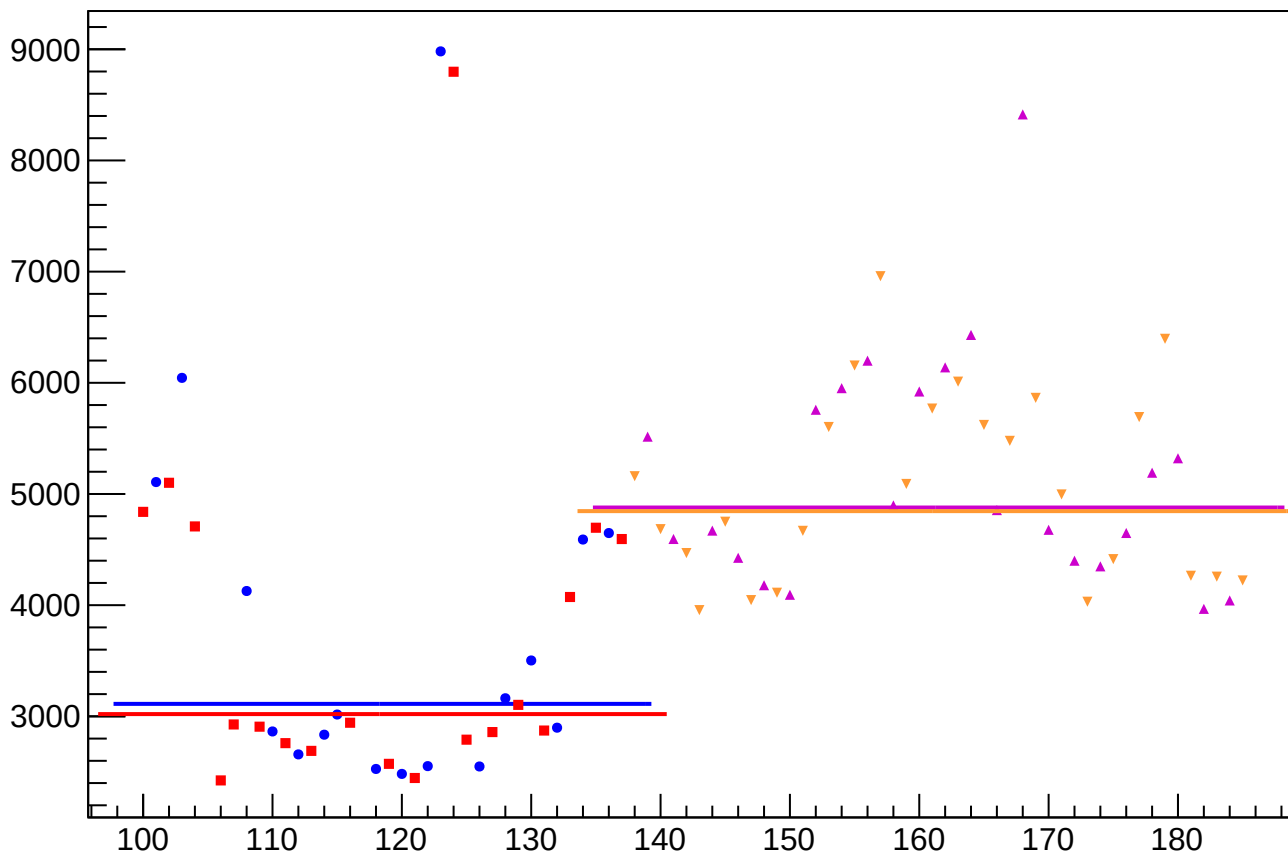
asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -721.483+/-1252.519 χ^2/NDF : 14.8/16
 Left Out: -767.190+/-1147.004 χ^2/NDF : 29.9/24
 Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18
 Left In: -385.098+/-1181.458 χ^2/NDF : 13.9/22

Left: -581.797+/-822.965 χ^2/NDF : 43.8/47
 Right: -788.845+/-863.438 χ^2/NDF : 30.8/35
 In: -543.478+/-859.441 χ^2/NDF : 28.7/39
 Out: -806.931+/-826.473 χ^2/NDF : 45.9/43
 All: -680.354+/-595.719 χ^2/NDF : 74.6/83

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4845.839 $\pm$ 0.811 χ^2/NDF : 908733.0/24

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

Left In: 4878.261 $\pm$ 0.835 χ^2/NDF : 965222.2/22

Left: 4861.570 $\pm$ 0.582 χ^2/NDF : 1874730.6/47

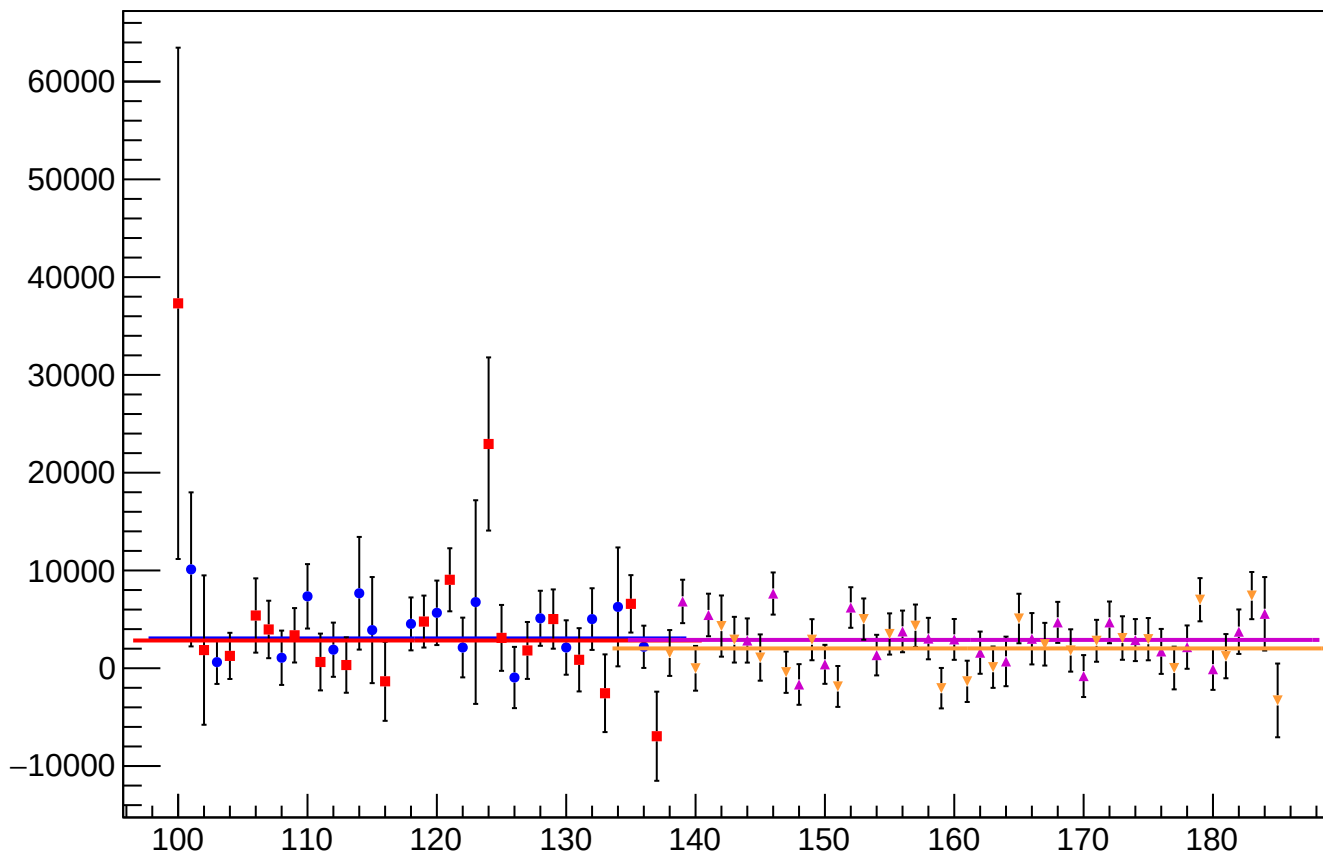
Right: 3063.446 $\pm$ 0.607 χ^2/NDF : 1758429.8/35

In: 4046.758 $\pm$ 0.608 χ^2/NDF : 4027764.6/39

Out: 3956.692 $\pm$ 0.581 χ^2/NDF : 4170407.9/43

All: 3999.692 $\pm$ 0.420 χ^2/NDF : 8209650.7/83

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2026.848+/-450.618 χ^2/NDF :32.6/24

Right Out: 2838.725+/-765.884 χ^2/NDF : 23.8/18

Left In: 2897.812+/-460.232 χ^2/NDF :27.6/22

Left: 2453.138+/-321.980 χ^2/NDF : 62.0/47

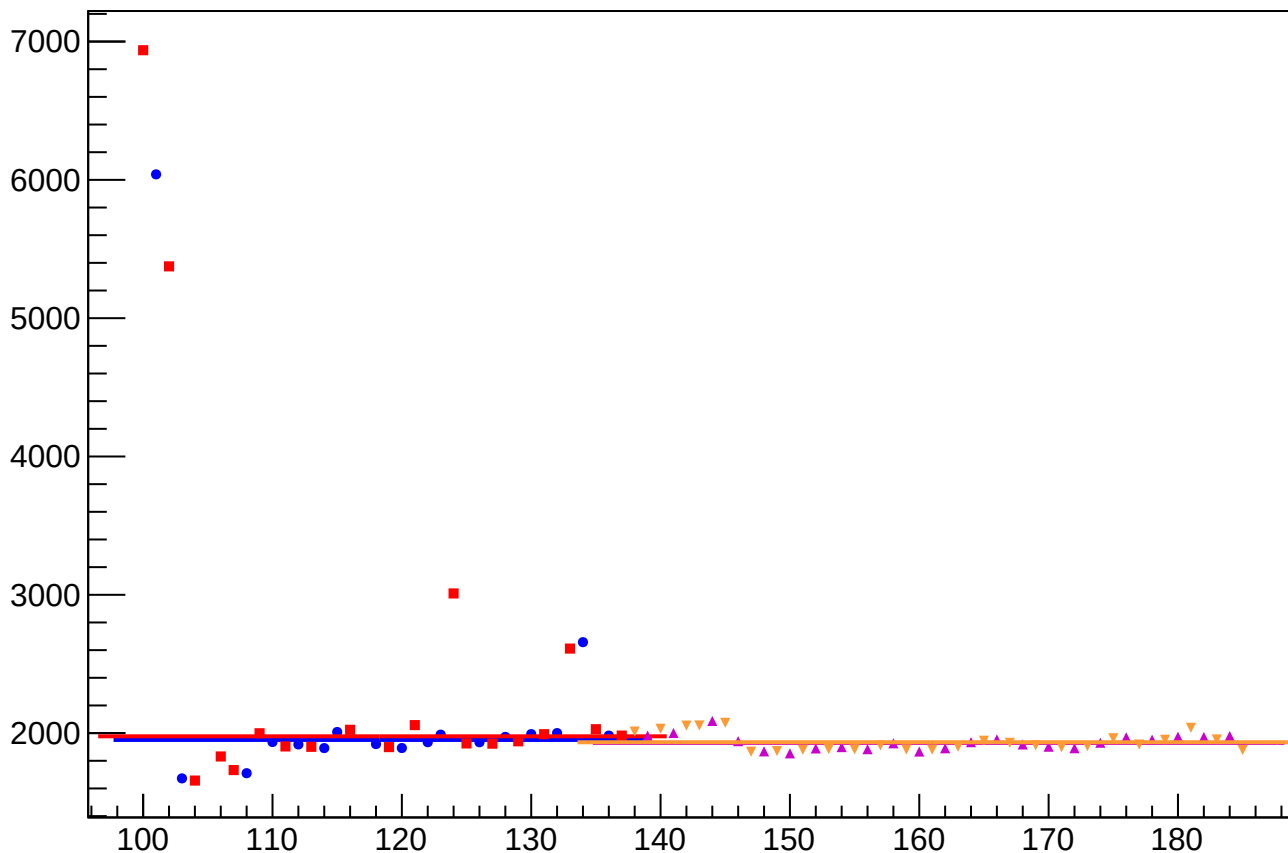
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

In: 2937.453+/-395.358 χ^2/NDF :36.9/39

Out: 2235.624+/-388.381 χ^2/NDF :57.2/43

All: 2580.292+/-277.061 χ^2/NDF : 95.7/83

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1933.980 $\pm$ 0.319 χ^2 /NDF: 38684.3/24

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

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

Left: 1931.569 $\pm$ 0.228 χ^2 /NDF: 65153.9/47

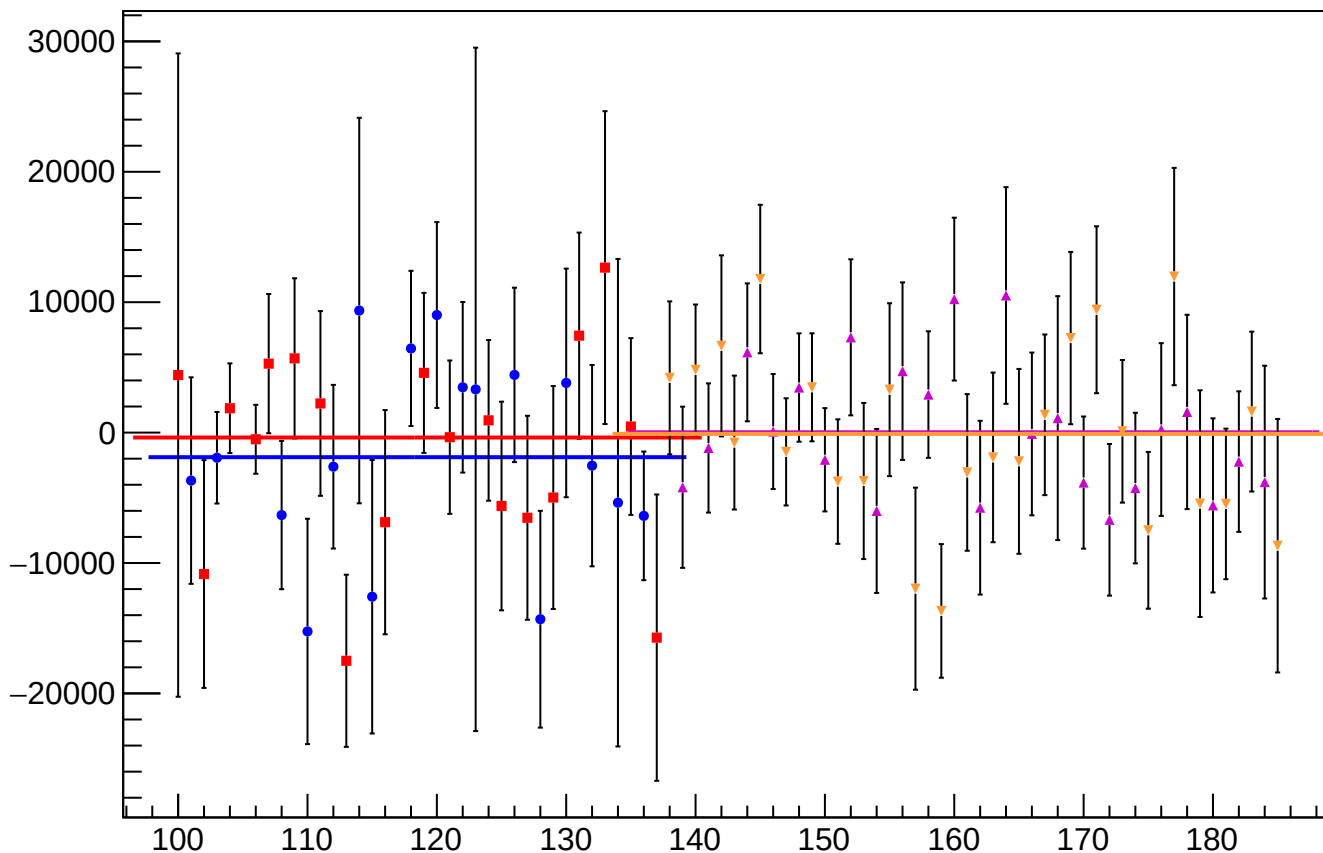
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

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

Out: 1945.047 $\pm$ 0.275 χ^2 /NDF: 651078.1/43

All: 1939.979 $\pm$ 0.196 χ^2 /NDF: 1294448.5/83

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -97.831 $\pm$ 1173.559 χ^2 /NDF: 27.9/24

Right Out: -376.861 $\pm$ 1359.615 χ^2 /NDF: 17.6/18

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

Left: -37.910 $\pm$ 836.936 χ^2 /NDF: 42.5/47

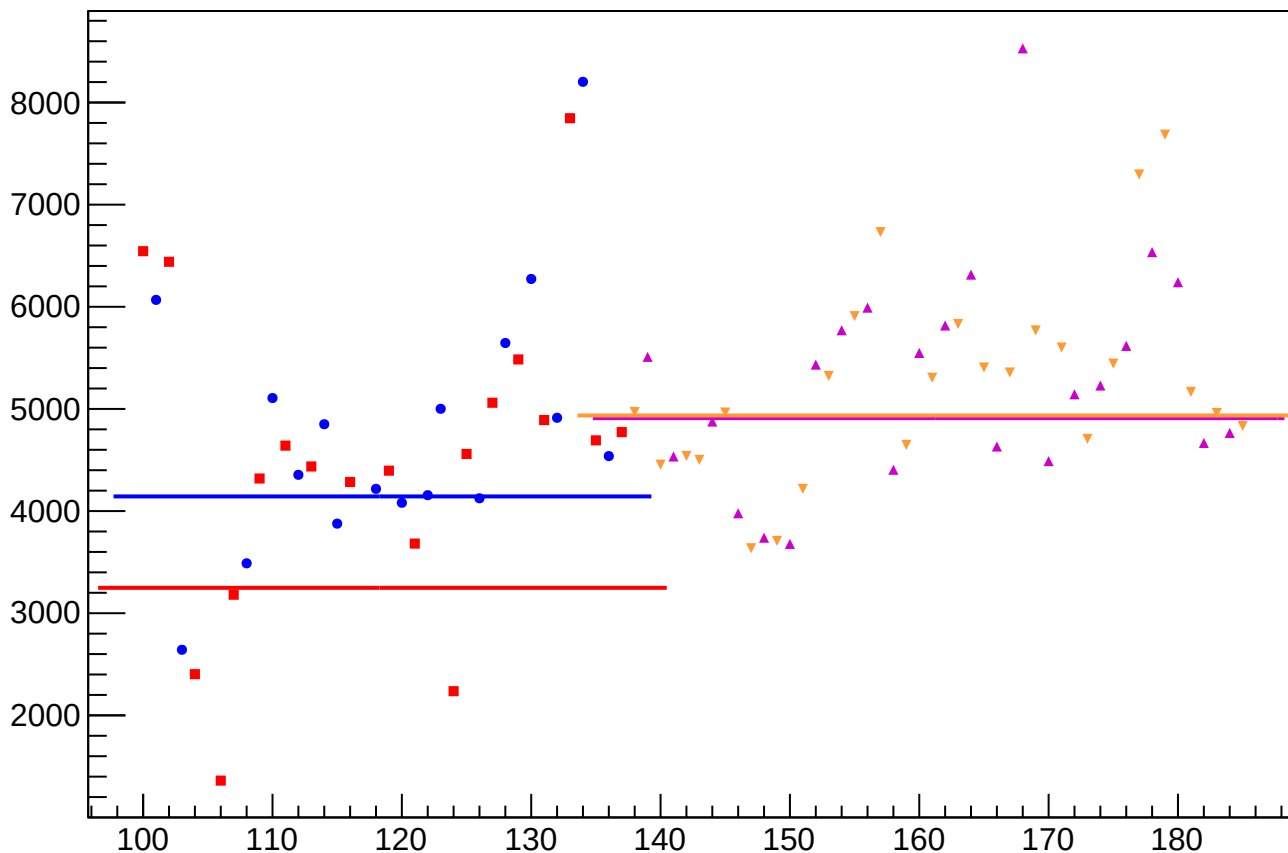
Right: -983.372 $\pm$ 1051.324 χ^2 /NDF: 32.2/35

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

Out: -216.962 $\pm$ 888.388 χ^2 /NDF: 45.5/43

All: -404.662 $\pm$ 654.788 χ^2 /NDF: 75.3/83

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4936.226+/-0.830 χ^2/NDF : 1124229.1/24

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

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

Left: 4923.233+/-0.592 χ^2/NDF : 2365264.8/47

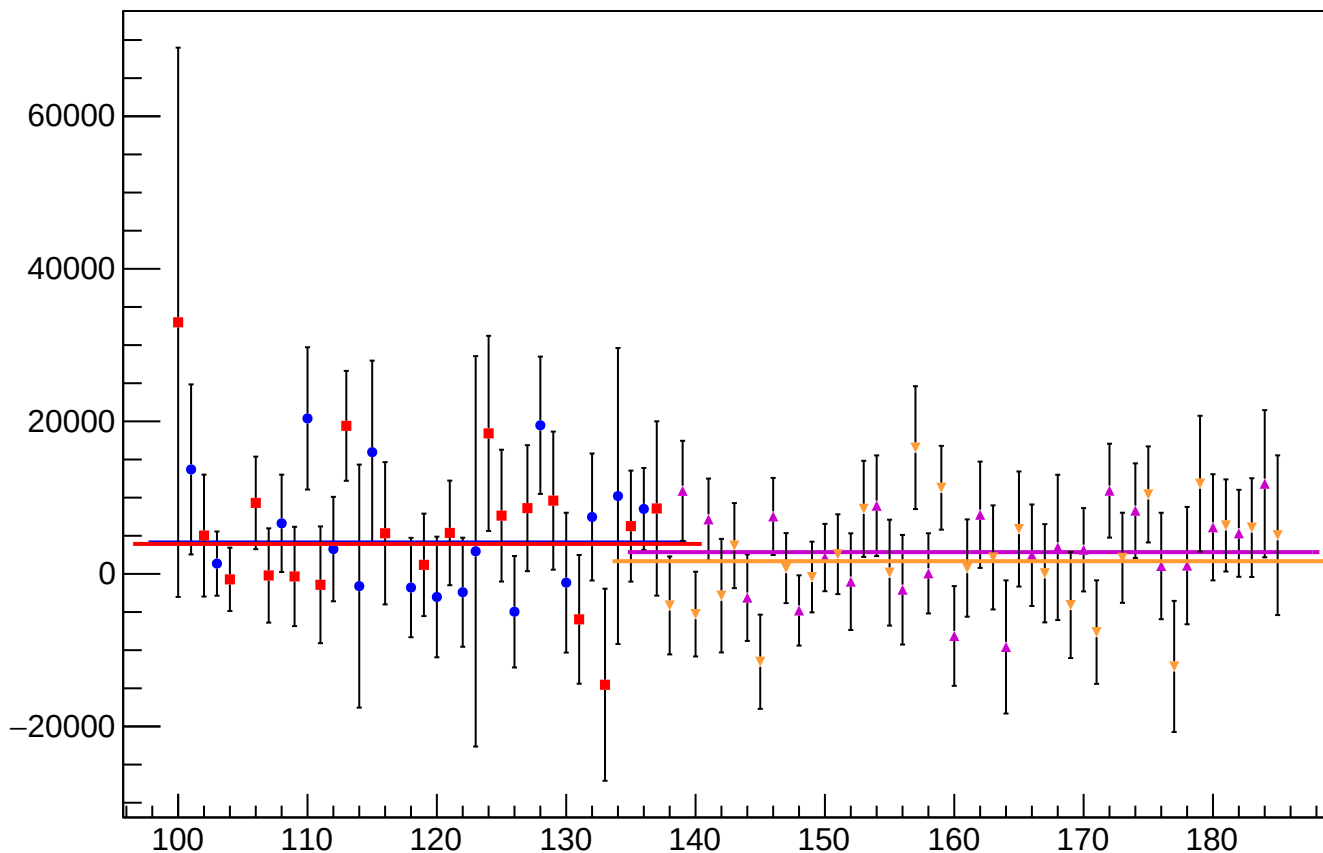
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

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

Out: 4215.715+/-0.628 χ^2/NDF : 5507749.7/43

All: 4413.213+/-0.463 χ^2/NDF : 8102016.7/83

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1667.994+/-1261.186 χ^2/NDF : 25.4/24

Right Out: 3933.351+/-1725.500 χ^2/NDF : 14.9/18

Left In: 2856.480+/-1284.131 χ^2/NDF : 18.1/22

Left: 2251.524+/-899.796 χ^2/NDF : 43.9/47

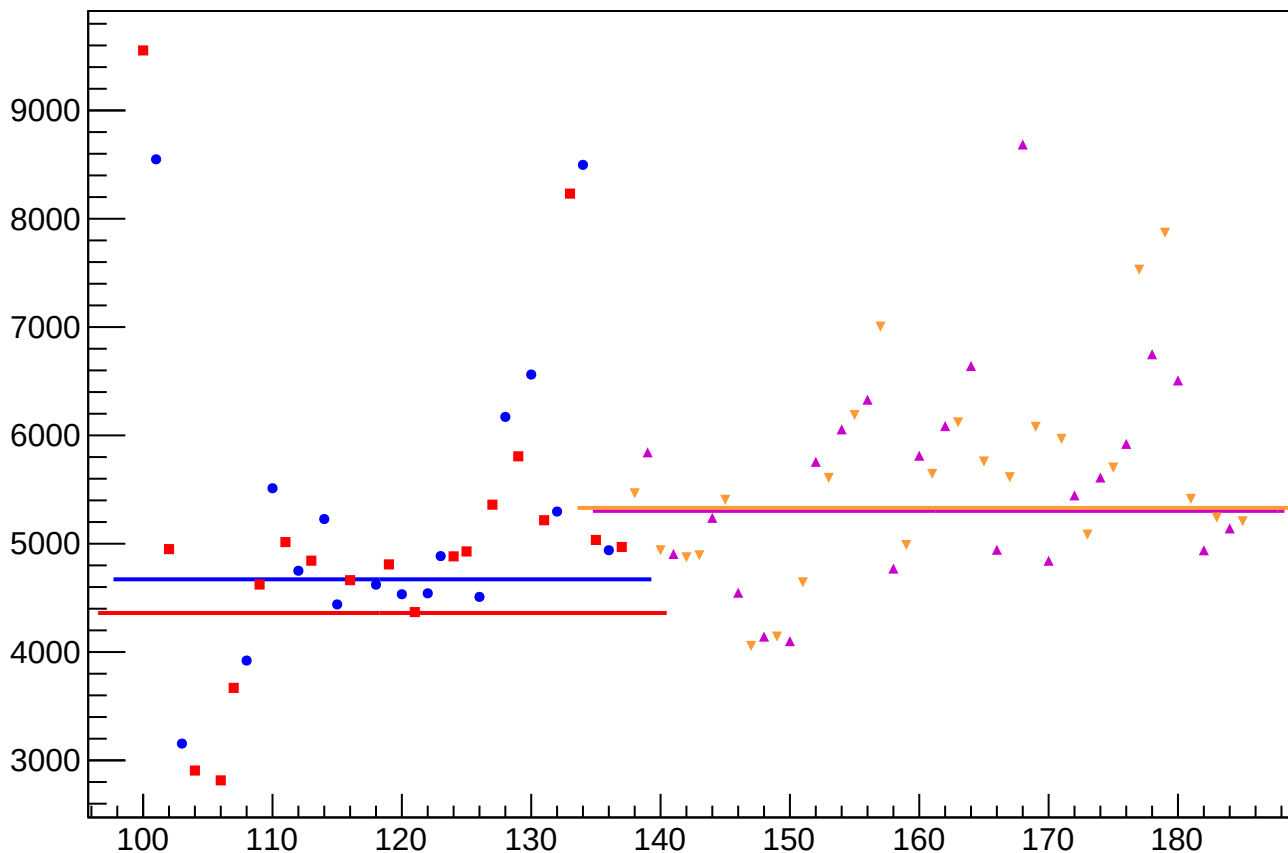
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

In: 3265.557+/-1057.309 χ^2/NDF : 32.1/39

Out: 2456.808+/-1018.202 χ^2/NDF : 41.4/43

All: 2845.949+/-733.413 χ^2/NDF : 73.8/83

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5330.534+/-0.892 χ^2/NDF : 867678.1/24

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

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

Left: 5317.172+/-0.636 χ^2/NDF : 1828491.3/47

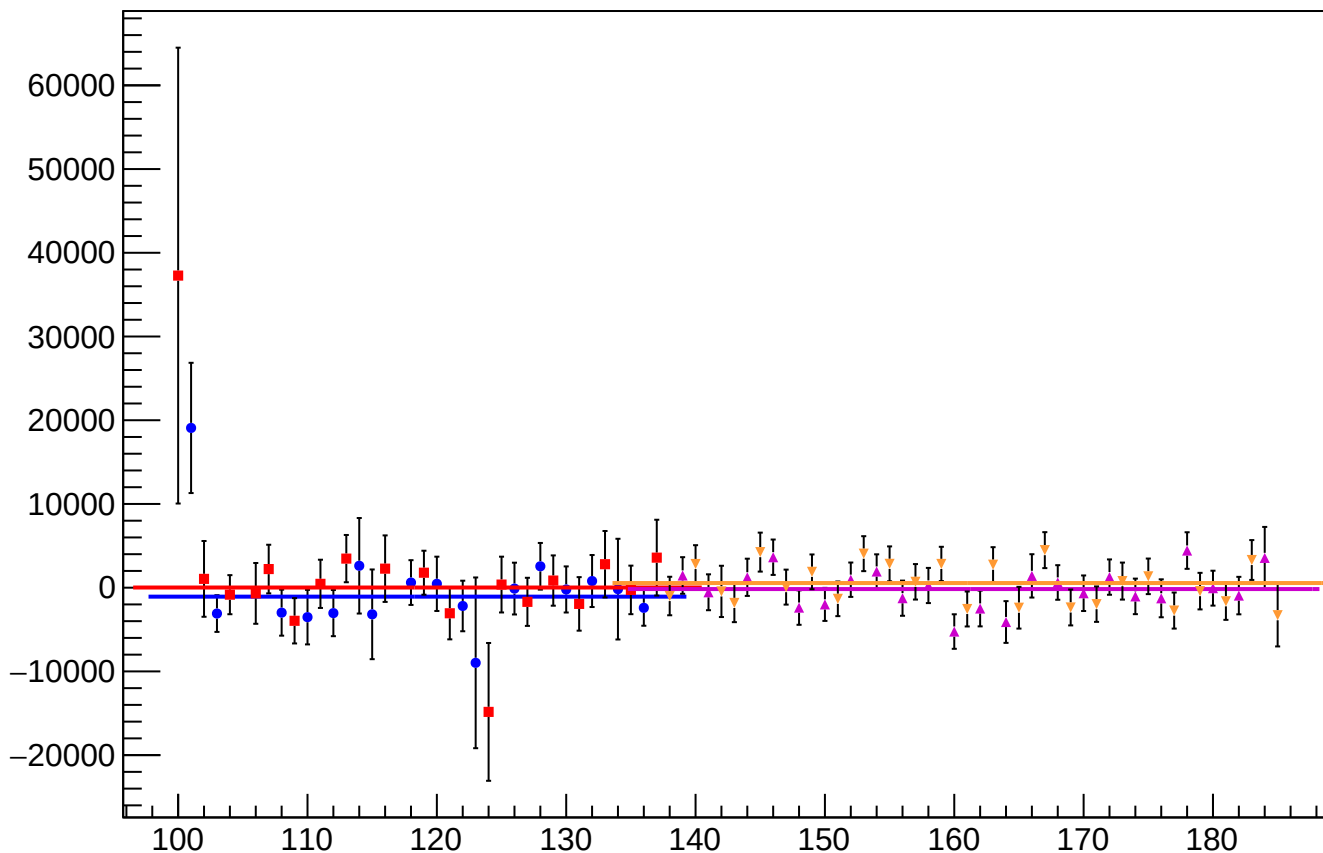
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4990.217+/-0.719 χ^2/NDF : 2116878.1/43

All: 5042.820+/-0.518 χ^2/NDF : 4030534.8/83

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 554.416 $\pm$ 444.404 χ^2 /NDF: 29.1/24

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

Left In: -165.209 $\pm$ 454.110 χ^2 /NDF: 24.6/22

Left: 202.376 $\pm$ 317.617 χ^2 /NDF: 55.0/47

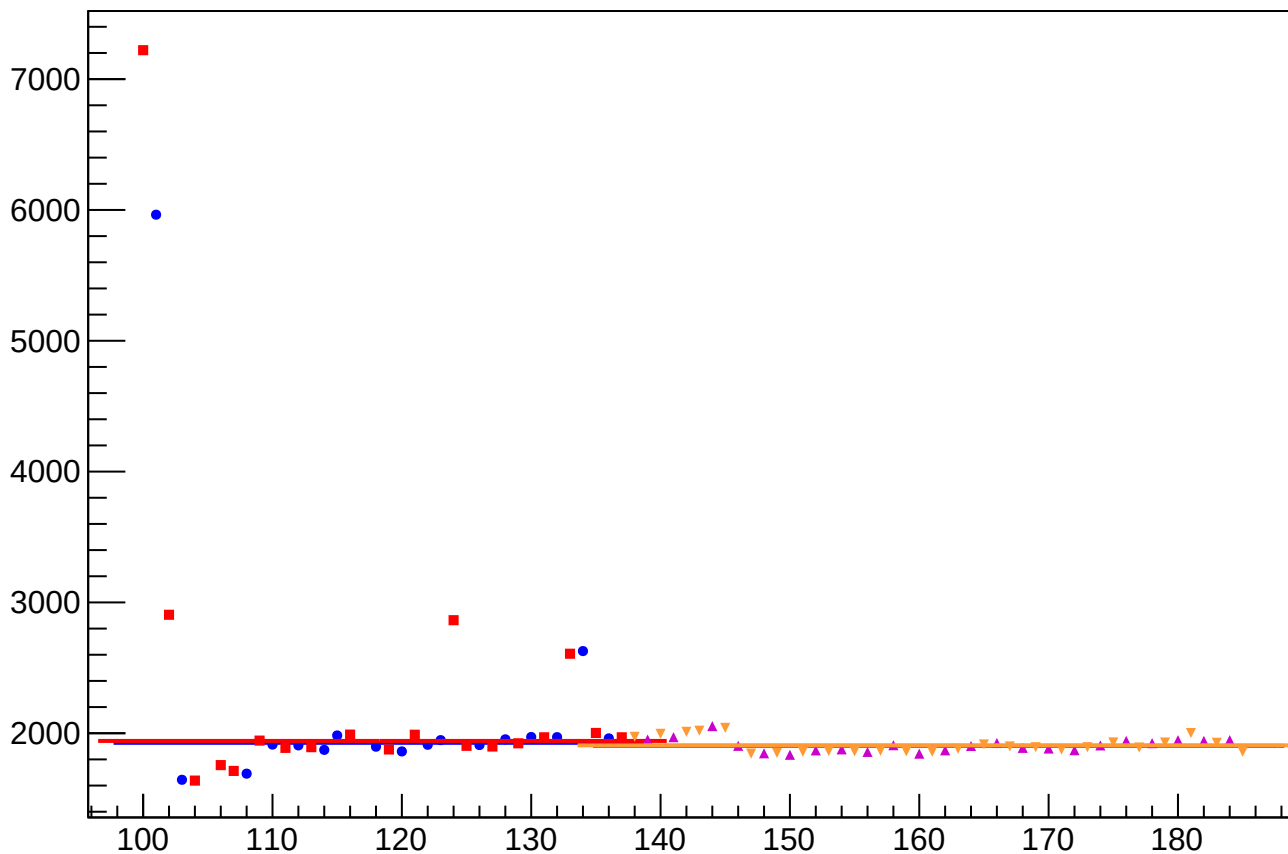
Right: -515.074 $\pm$ 534.061 χ^2 /NDF: 28.0/35

In: -402.215 $\pm$ 390.222 χ^2 /NDF: 39.4/39

Out: 414.736 $\pm$ 382.035 χ^2 /NDF: 42.8/43

All: 14.920 $\pm$ 272.988 χ^2 /NDF: 84.4/83

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.525 $\pm$ 0.314 χ^2 /NDF: 33095.4/24

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

Left In: 1903.508 $\pm$ 0.321 χ^2 /NDF: 23507.0/22

Left: 1905.560 $\pm$ 0.225 χ^2 /NDF: 56682.3/47

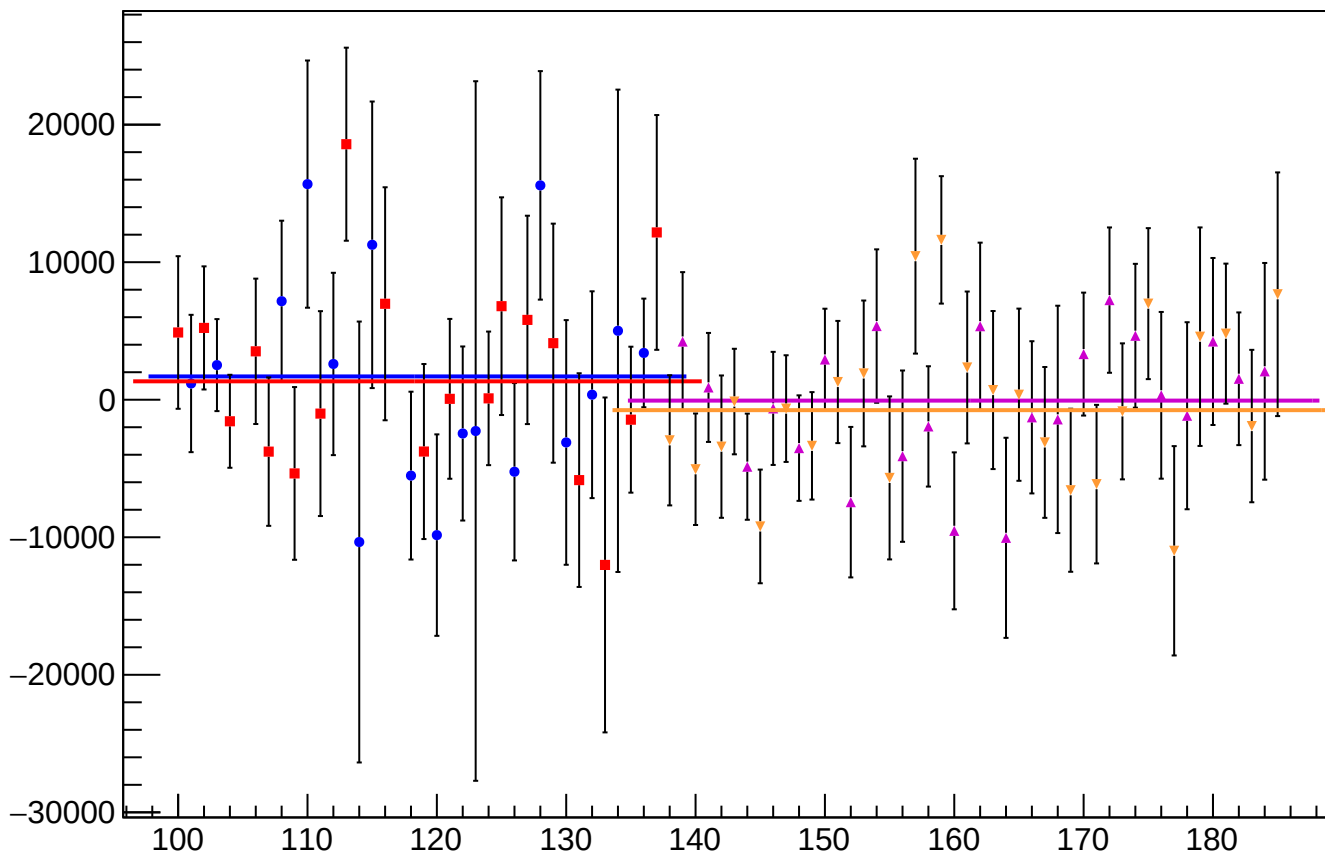
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

In: 1909.624 $\pm$ 0.276 χ^2 /NDF: 642010.4/39

Out: 1916.340 $\pm$ 0.270 χ^2 /NDF: 340474.0/43

All: 1913.054 $\pm$ 0.193 χ^2 /NDF: 982786.9/83

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -758.302+/-1023.763 χ^2/NDF : 25.9/24

Right Out: 1338.172+/-1369.005 χ^2/NDF : 16.3/18

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

Left: -421.886+/-735.253 χ^2/NDF : 42.8/47

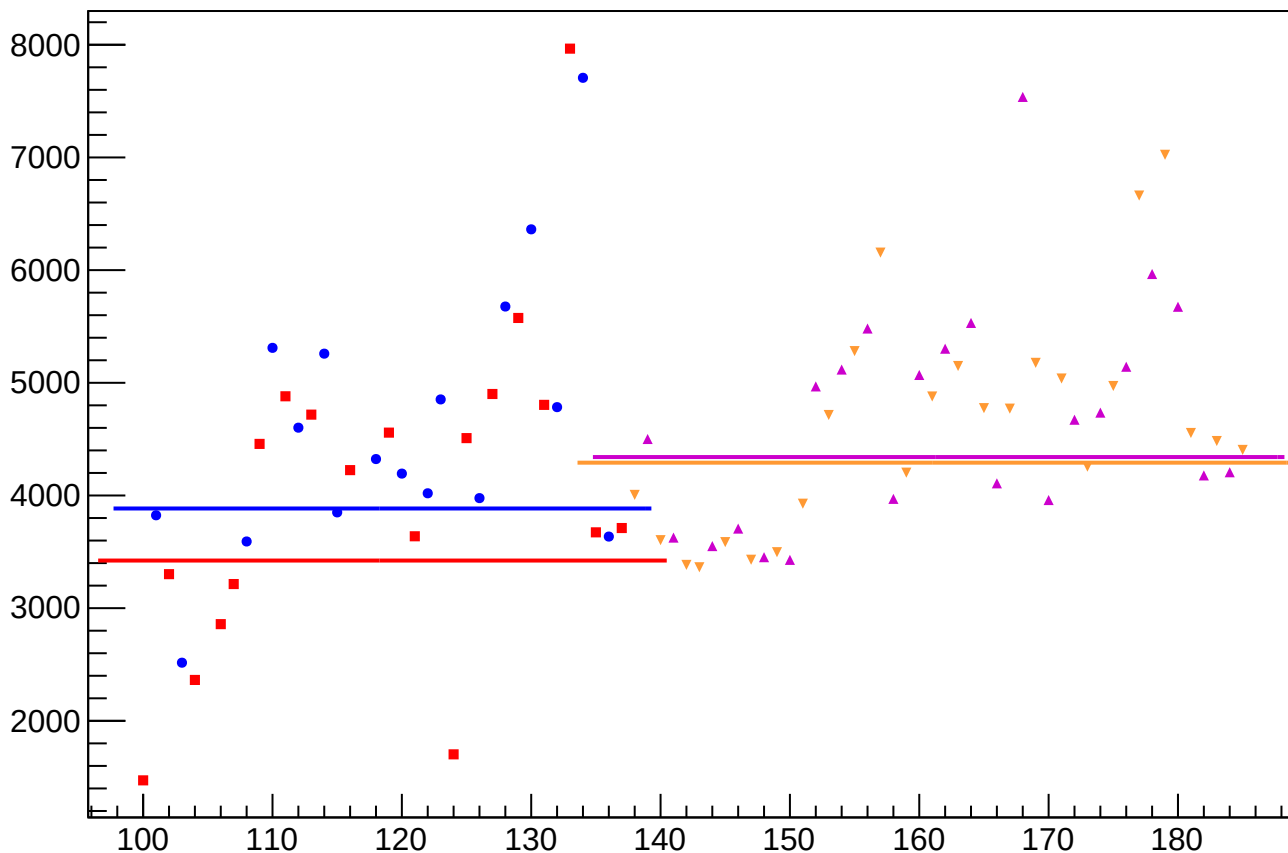
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: -6.387+/-819.869 χ^2/NDF : 43.7/43

All: 227.588+/-597.767 χ^2/NDF : 75.1/83

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4291.268 $\pm$ 0.724 χ^2 /NDF: 1346611.0/24

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

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

Left: 4315.398 $\pm$ 0.520 χ^2 /NDF: 2644797.9/47

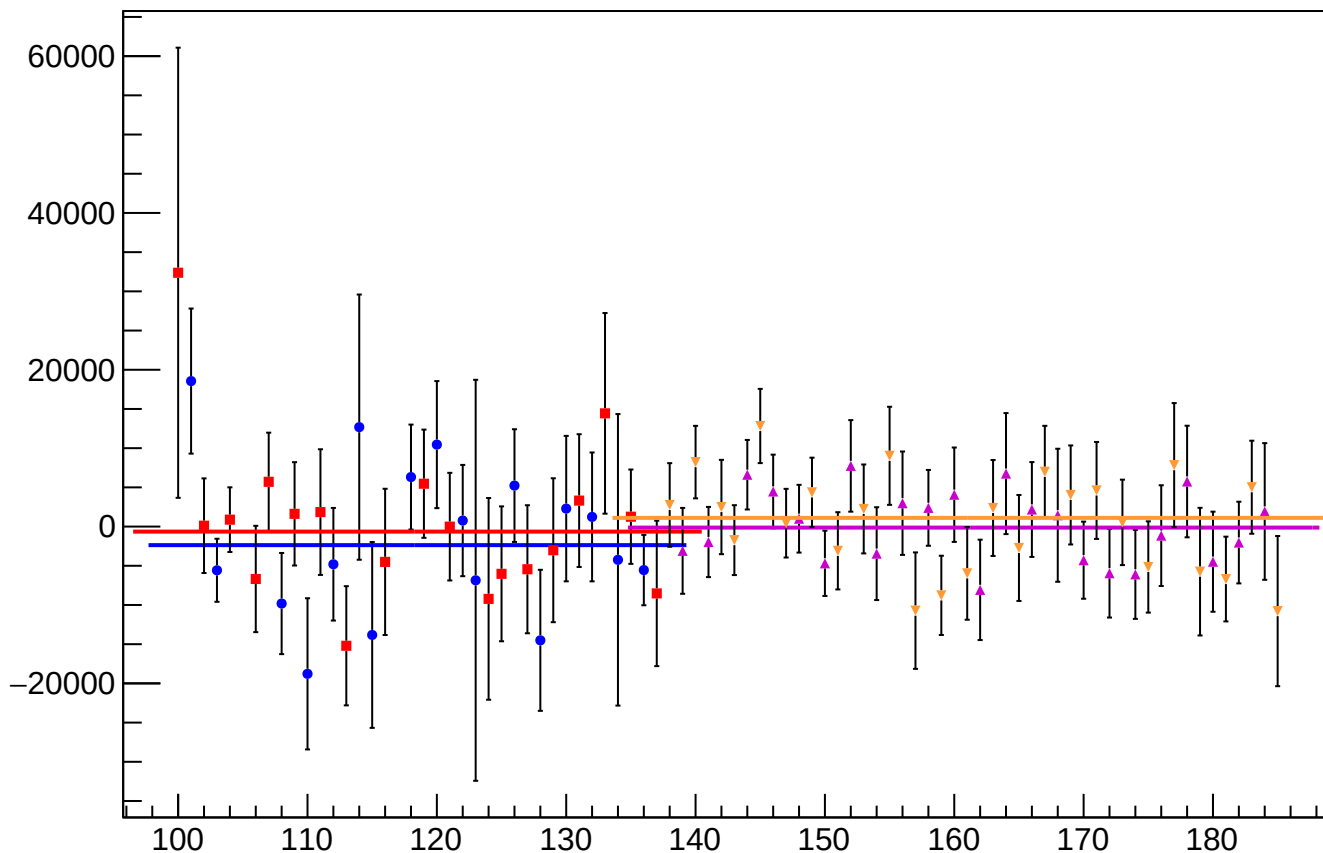
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3979.724 $\pm$ 0.580 χ^2 /NDF: 3453311.4/43

All: 4081.272 $\pm$ 0.423 χ^2 /NDF: 5759506.6/83

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1109.484 $\pm$ 1126.272 χ^2 /NDF: 28.3/24

Right Out: -640.916 $\pm$ 1690.165 χ^2 /NDF: 11.8/18

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

Left: 505.876 $\pm$ 807.135 χ^2 /NDF: 43.8/47

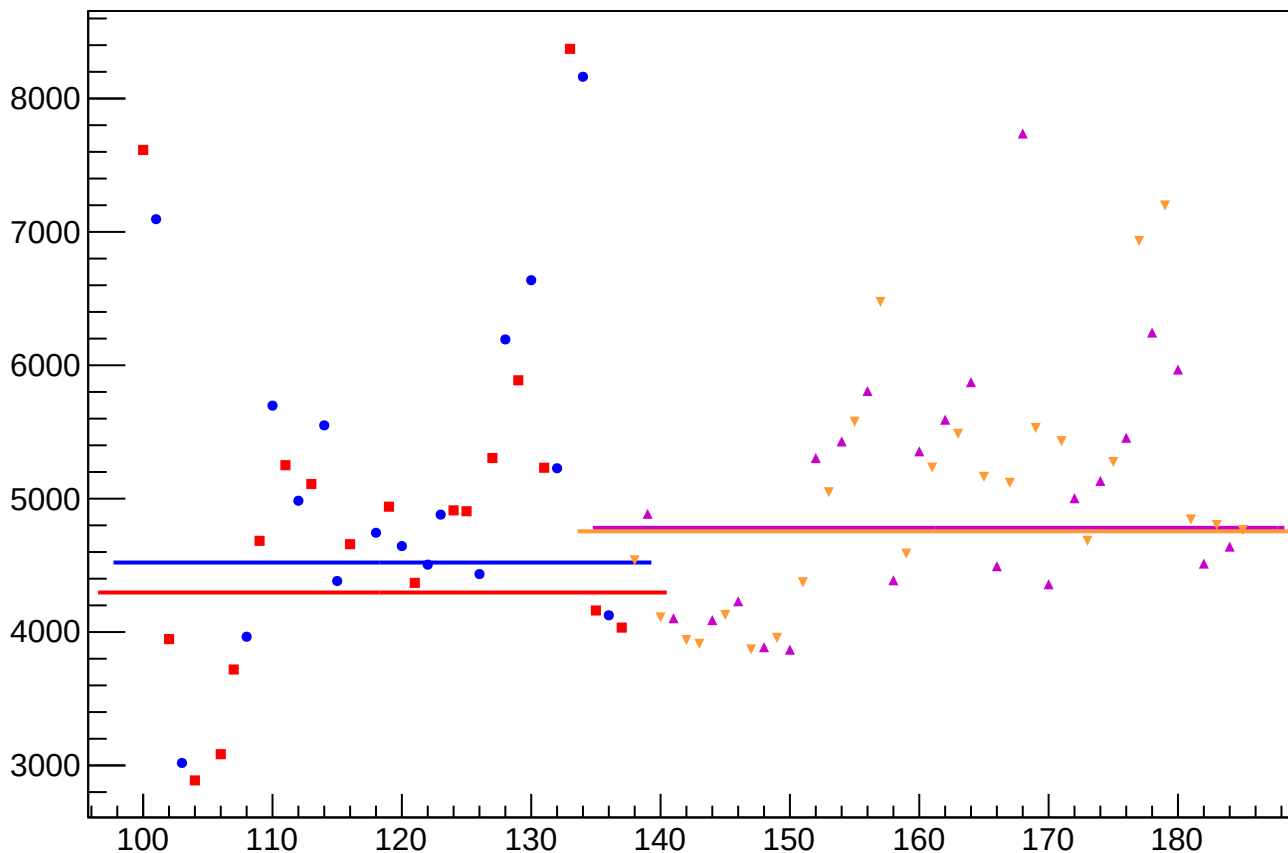
Right: -1449.011 $\pm$ 1232.750 χ^2 /NDF: 32.4/35

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

Out: 571.234 $\pm$ 937.244 χ^2 /NDF: 40.9/43

All: -80.703 $\pm$ 675.270 χ^2 /NDF: 78.0/83

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4521.230 $\pm$ 1.274 χ^2 /NDF: 778675.0/16

Left Out: 4755.320 $\pm$ 0.796 χ^2 /NDF: 952960.5/24

Right Out: 4296.482 $\pm$ 1.189 χ^2 /NDF: 773210.4/18

Left In: 4781.172 $\pm$ 0.818 χ^2 /NDF: 951542.2/22

Left: 4767.895 $\pm$ 0.571 χ^2 /NDF: 1905015.3/47

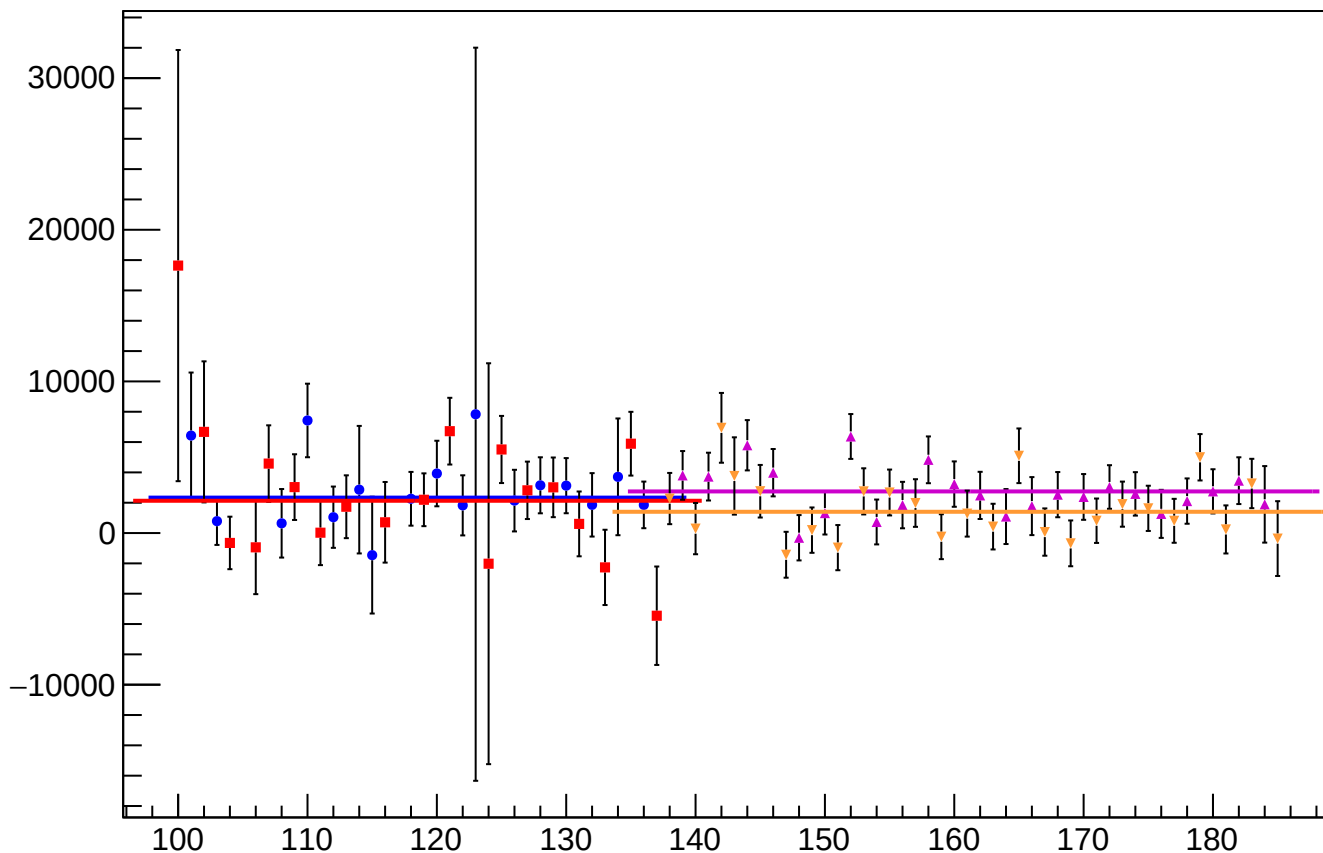
Right: 4401.047 $\pm$ 0.869 χ^2 /NDF: 1568522.7/35

In: 4705.263 $\pm$ 0.689 χ^2 /NDF: 1759683.2/39

Out: 4613.138 $\pm$ 0.662 χ^2 /NDF: 1829031.1/43

All: 4657.362 $\pm$ 0.477 χ^2 /NDF: 3598022.3/83

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: 1402.631 $\pm$ 321.299 χ^2 /NDF:33.1/24

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

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

Left: 2066.108 $\pm$ 228.495 χ^2 /NDF: 64.5/47

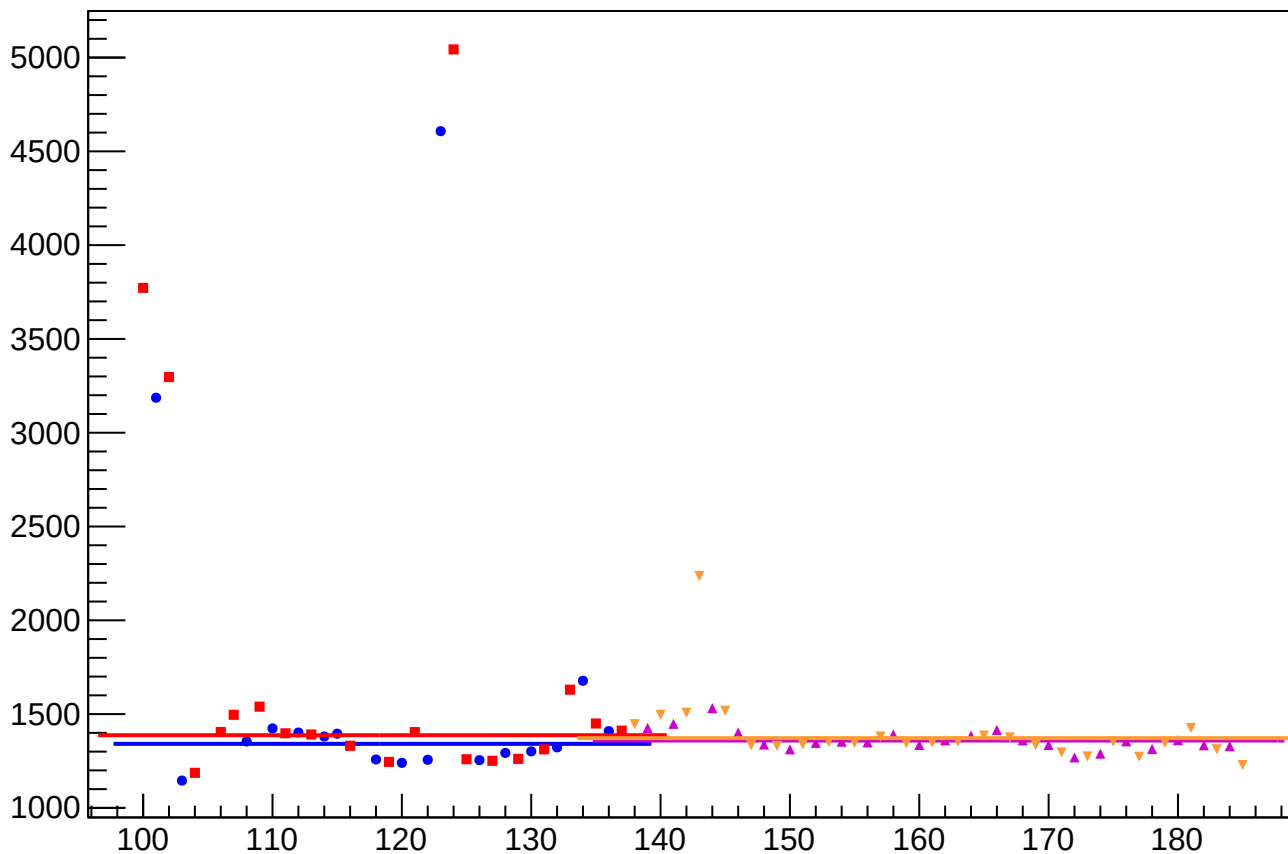
Right: 2234.784 $\pm$ 378.395 χ^2 /NDF: 37.3/35

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

Out: 1593.072 $\pm$ 276.015 χ^2 /NDF:62.0/43

All: 2111.179 $\pm$ 195.599 χ^2 /NDF: 101.9/83

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: 1371.715+/-0.227 χ^2/NDF : 309146.4/24

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

Left In: 1359.185+/-0.230 χ^2/NDF : 55328.0/22

Left: 1365.522+/-0.162 χ^2/NDF : 365977.7/47

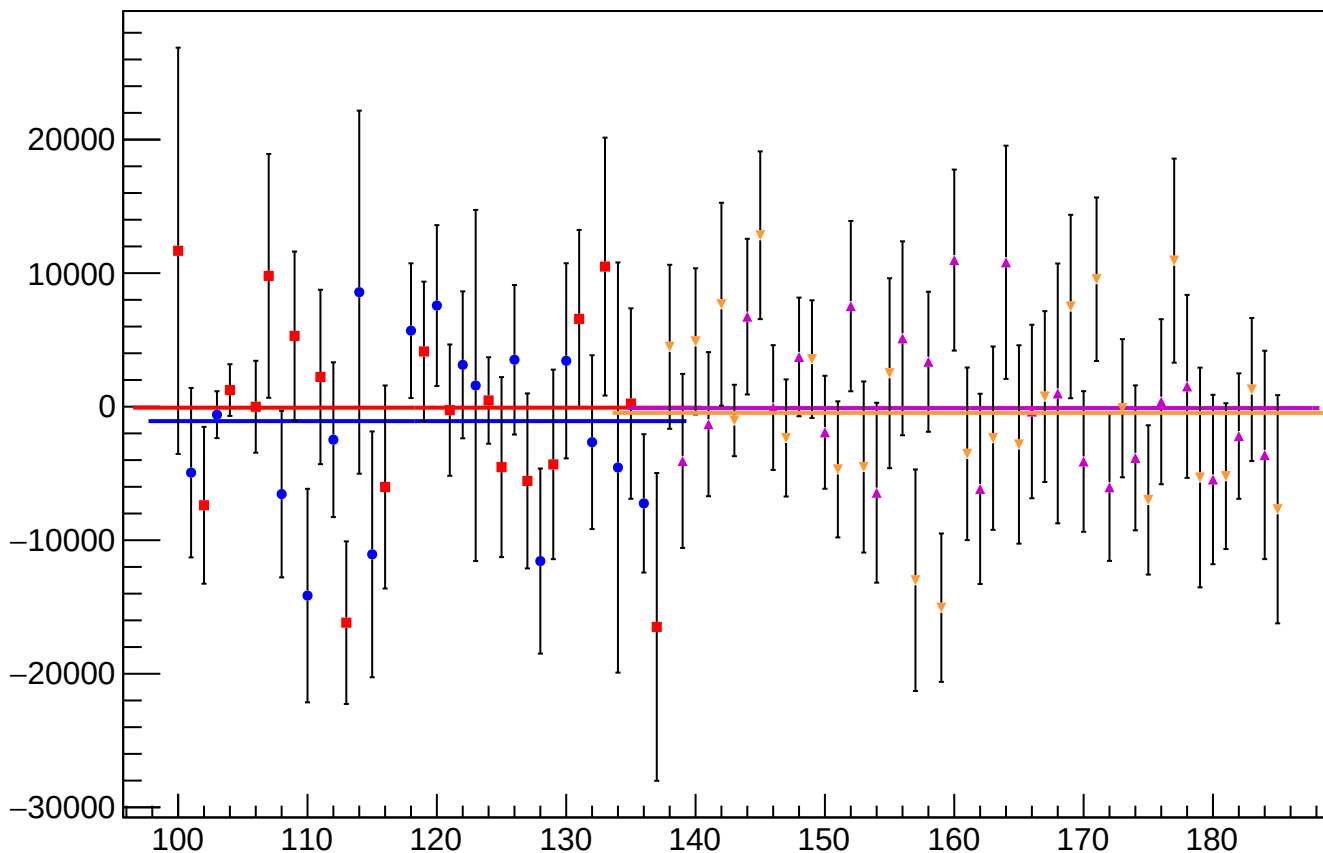
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

In: 1354.332+/-0.196 χ^2/NDF : 561236.4/39

Out: 1375.814+/-0.195 χ^2/NDF : 960581.1/43

All: 1365.122+/-0.138 χ^2/NDF : 1527848.8/83

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: -462.378 $\pm$ 1121.897 χ^2 /NDF:28.7/24

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

Left In: -102.901 $\pm$ 1223.984 χ^2 /NDF:14.3/22

Left: -298.253 $\pm$ 827.041 χ^2 /NDF: 43.1/47

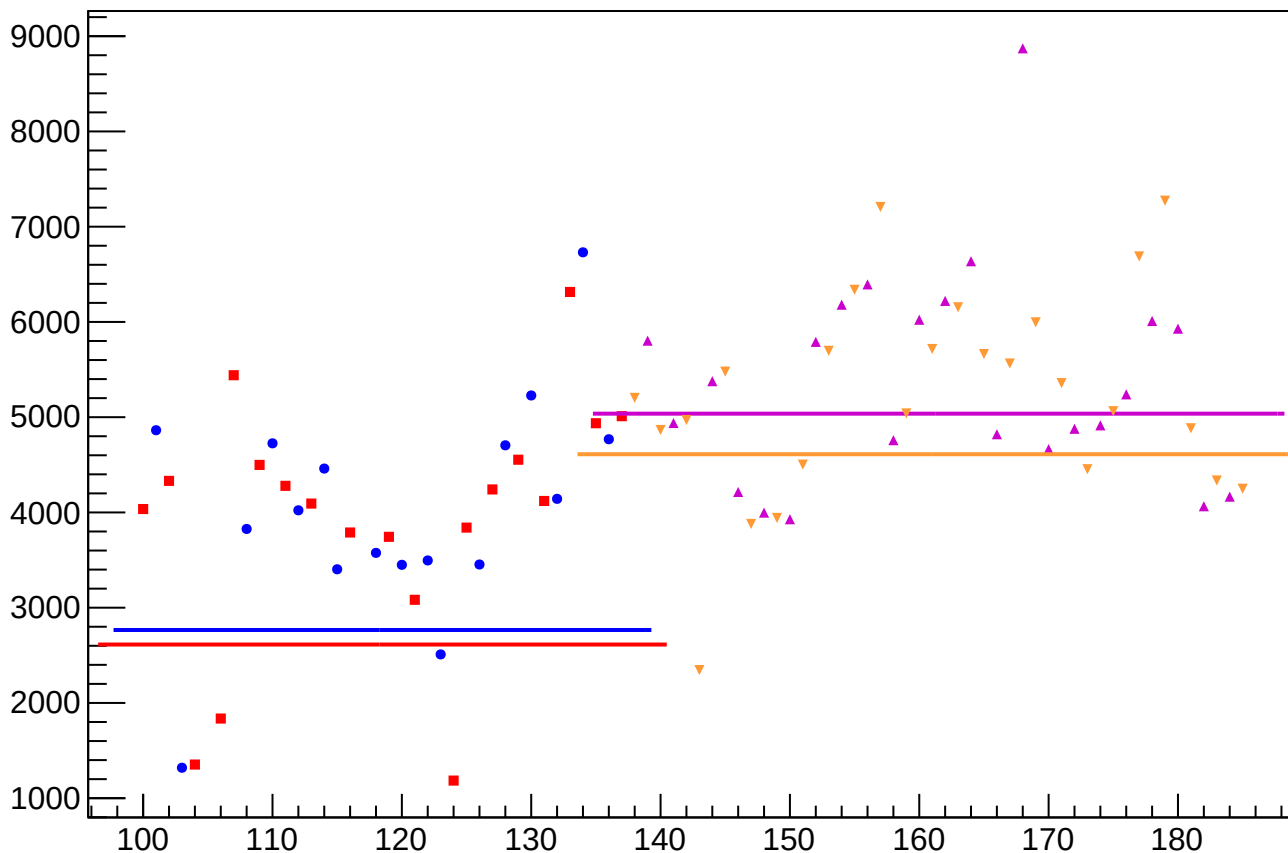
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

In: -596.628 $\pm$ 861.356 χ^2 /NDF:29.7/39

Out: -268.980 $\pm$ 794.824 χ^2 /NDF:47.4/43

All: -419.663 $\pm$ 584.132 χ^2 /NDF: 77.1/83

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: 4611.118 $\pm$ 0.793 χ^2 /NDF: 2727946.2/24

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

Left In: 5037.077 $\pm$ 0.865 χ^2 /NDF: 1187934.6/22

Left: 4805.596 $\pm$ 0.585 χ^2 /NDF: 4047513.0/47

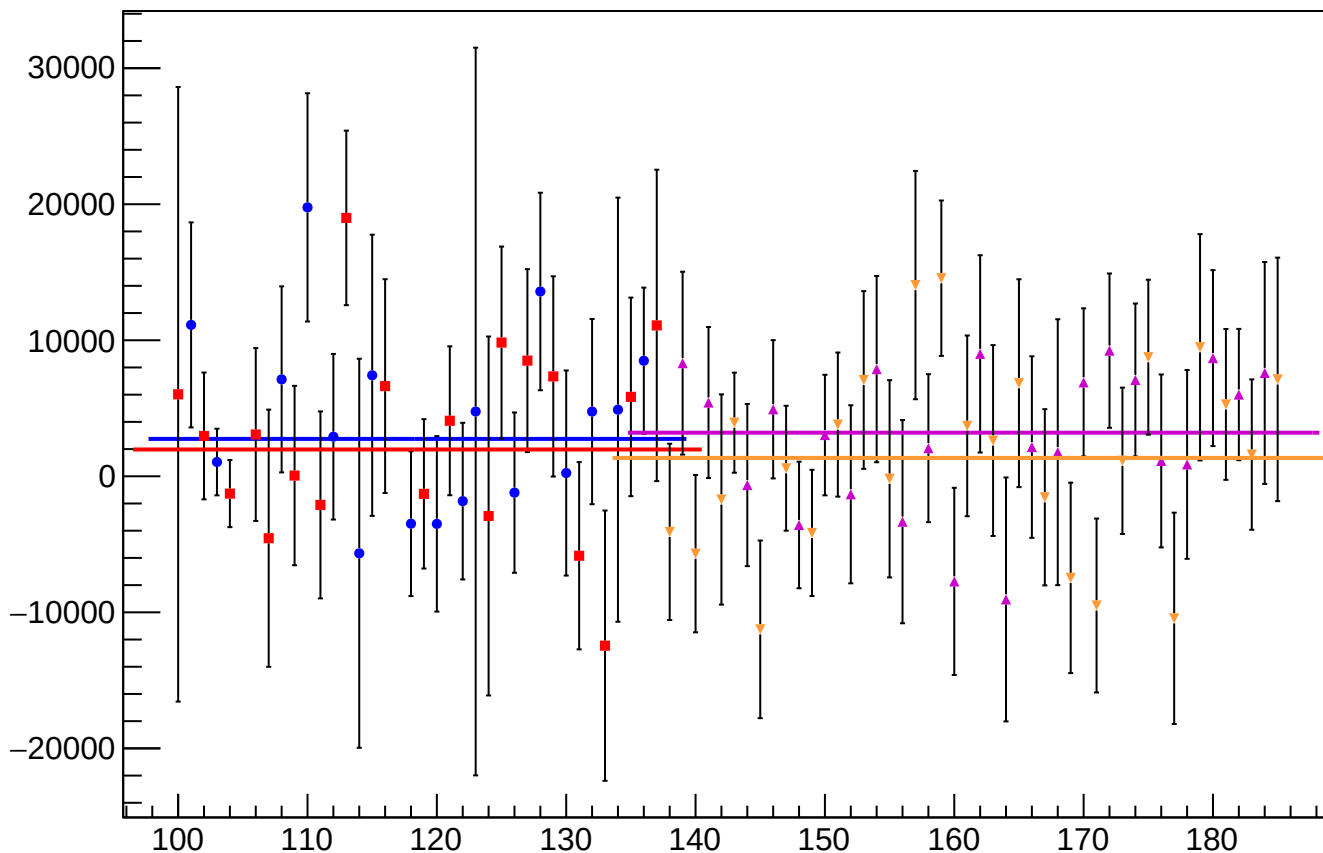
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

In: 3890.591 $\pm$ 0.609 χ^2 /NDF: 7603415.5/39

Out: 3616.084 $\pm$ 0.562 χ^2 /NDF: 9226529.6/43

All: 3742.328 $\pm$ 0.413 χ^2 /NDF: 16939656.4/86

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1351.060+/-1205.864 χ^2/NDF : 27.9/24

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

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

Left: 2233.429+/-873.025 χ^2/NDF : 42.9/47

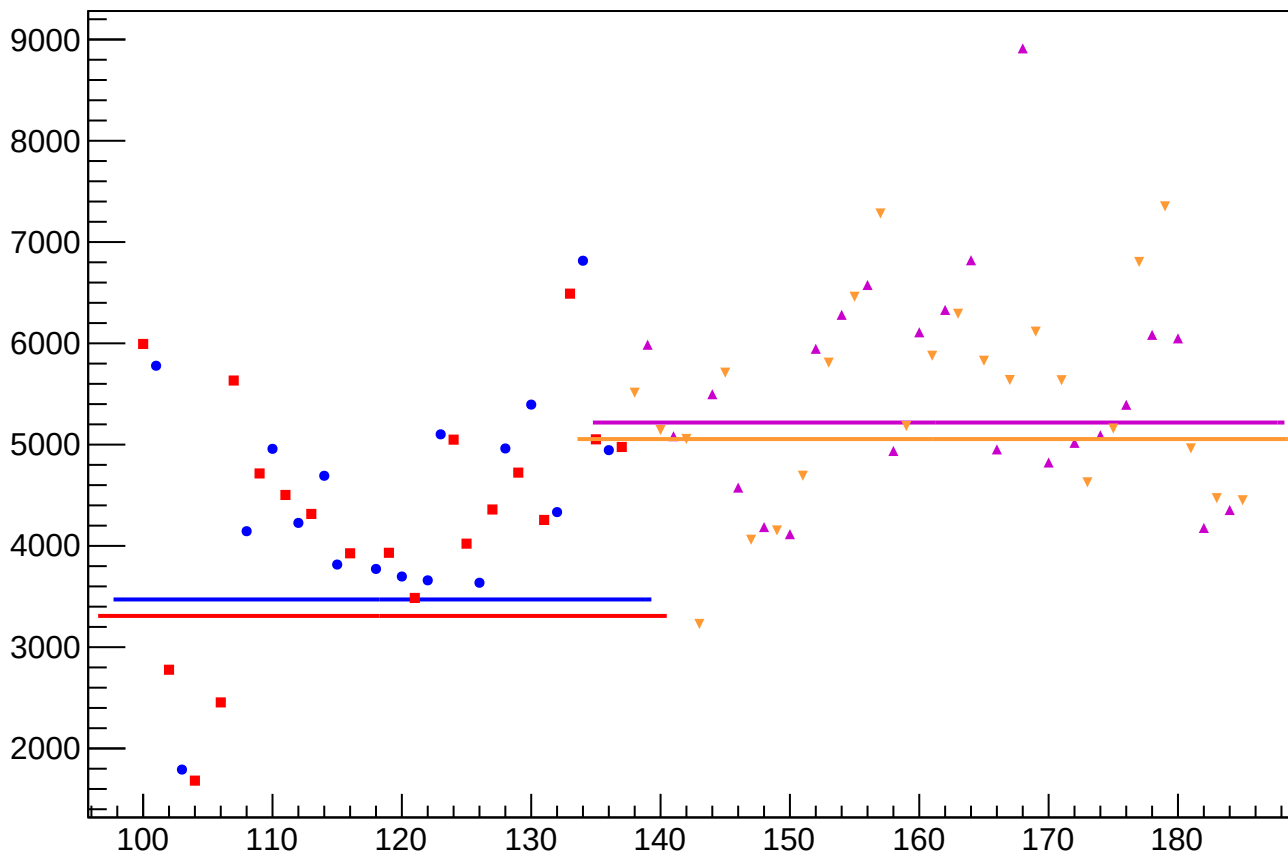
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1619.161+/-908.525 χ^2/NDF : 45.8/43

All: 2280.382+/-657.428 χ^2/NDF : 74.6/83

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: 5054.731+/-0.853 χ^2/NDF : 1436739.2/24

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

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

Left: 5132.409+/-0.617 χ^2/NDF : 2513175.8/47

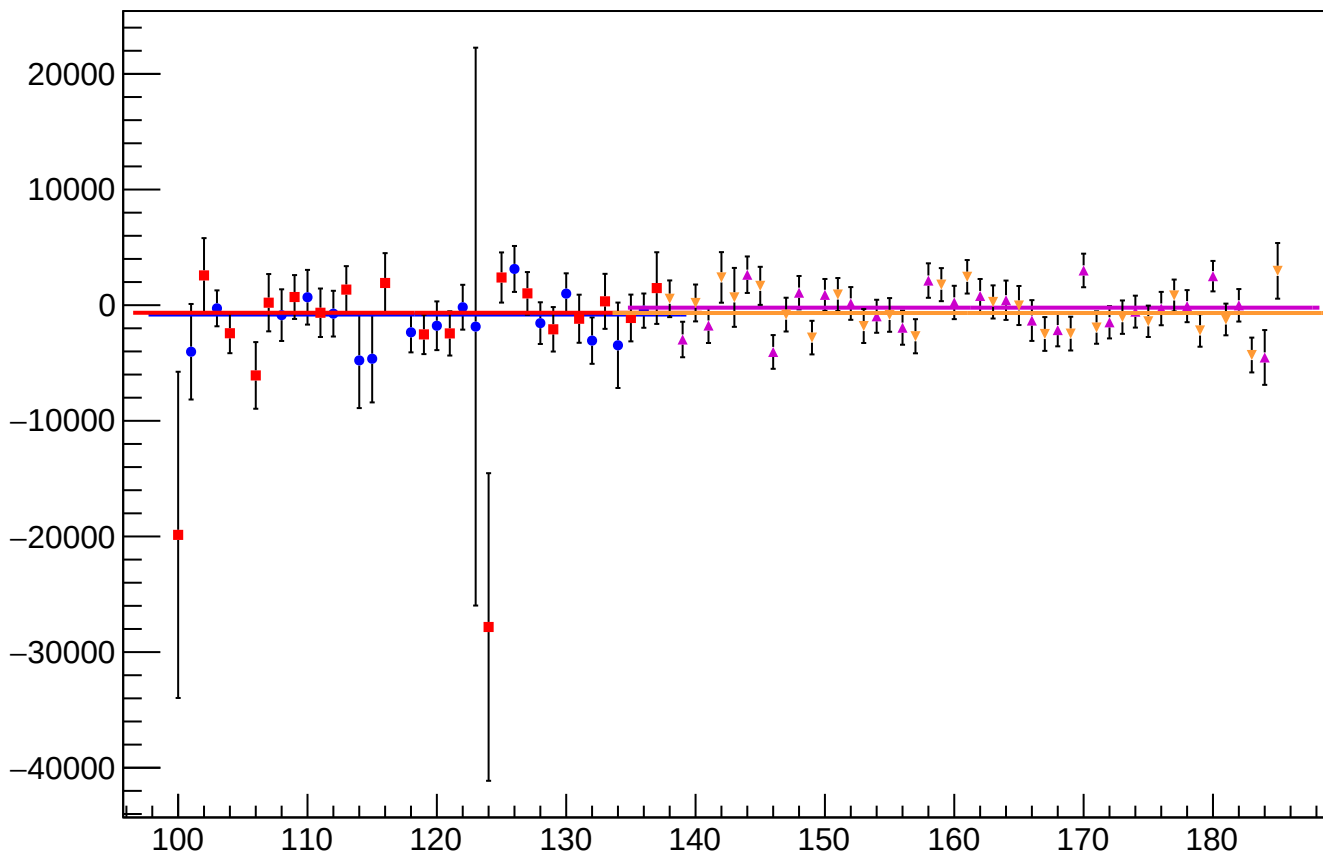
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4291.885+/-0.640 χ^2/NDF : 5183258.5/43

All: 4371.936+/-0.464 χ^2/NDF : 9695044.2/83

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: -676.694+/-304.200 χ^2/NDF : 34.1/24

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

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

Left: -448.845+/-216.447 χ^2/NDF : 71.7/47

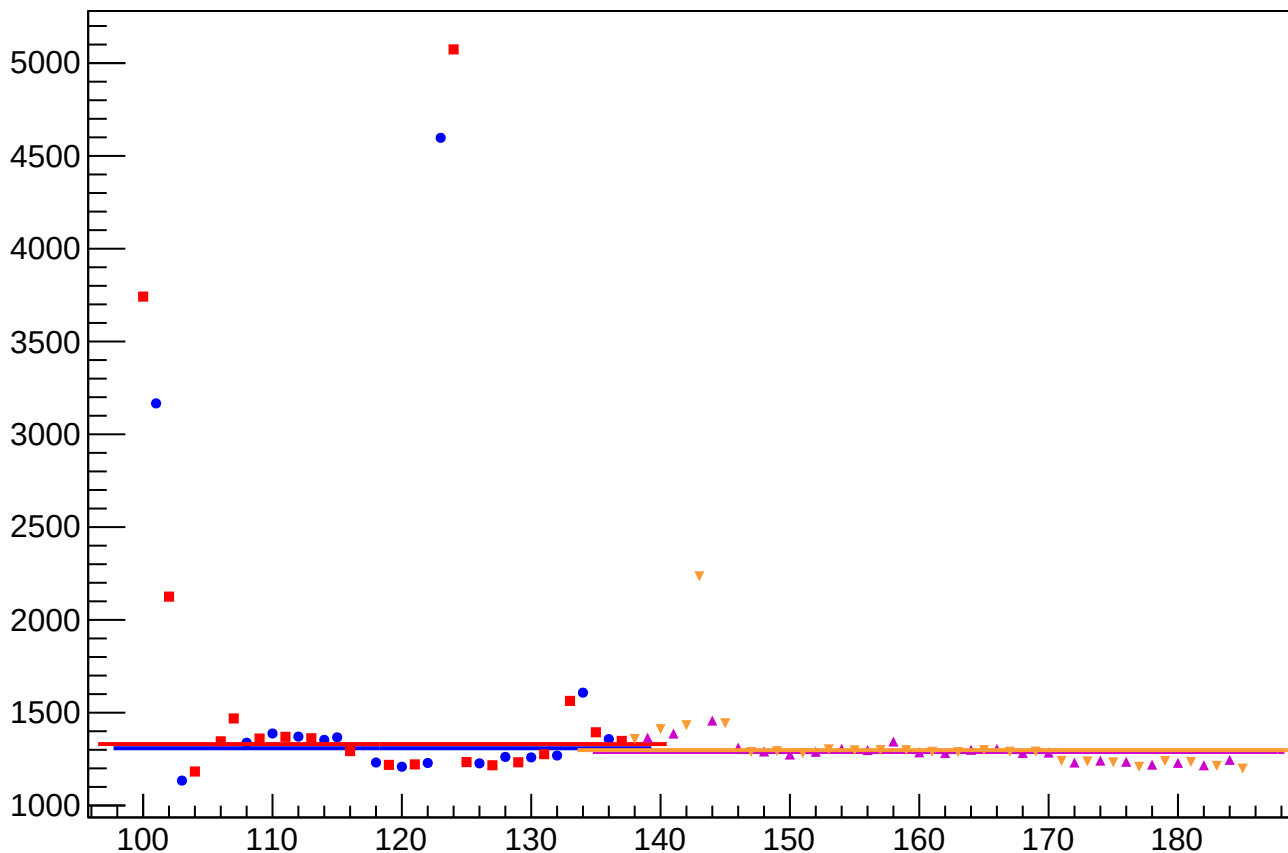
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -671.399+/-261.866 χ^2/NDF : 54.5/43

All: -522.498+/-186.192 χ^2/NDF : 103.8/83

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1308.367 $\pm$ 0.366 χ^2 /NDF: 506545.0/16

Left Out: 1298.356 $\pm$ 0.215 χ^2 /NDF:344661.4/24

Right Out: 1330.860 $\pm$ 0.364 χ^2 /NDF: 415845.6/18

Left In: 1288.232 $\pm$ 0.218 χ^2 /NDF:63961.3/22

Left: 1293.357 $\pm$ 0.153 χ^2 /NDF: 409716.4/47

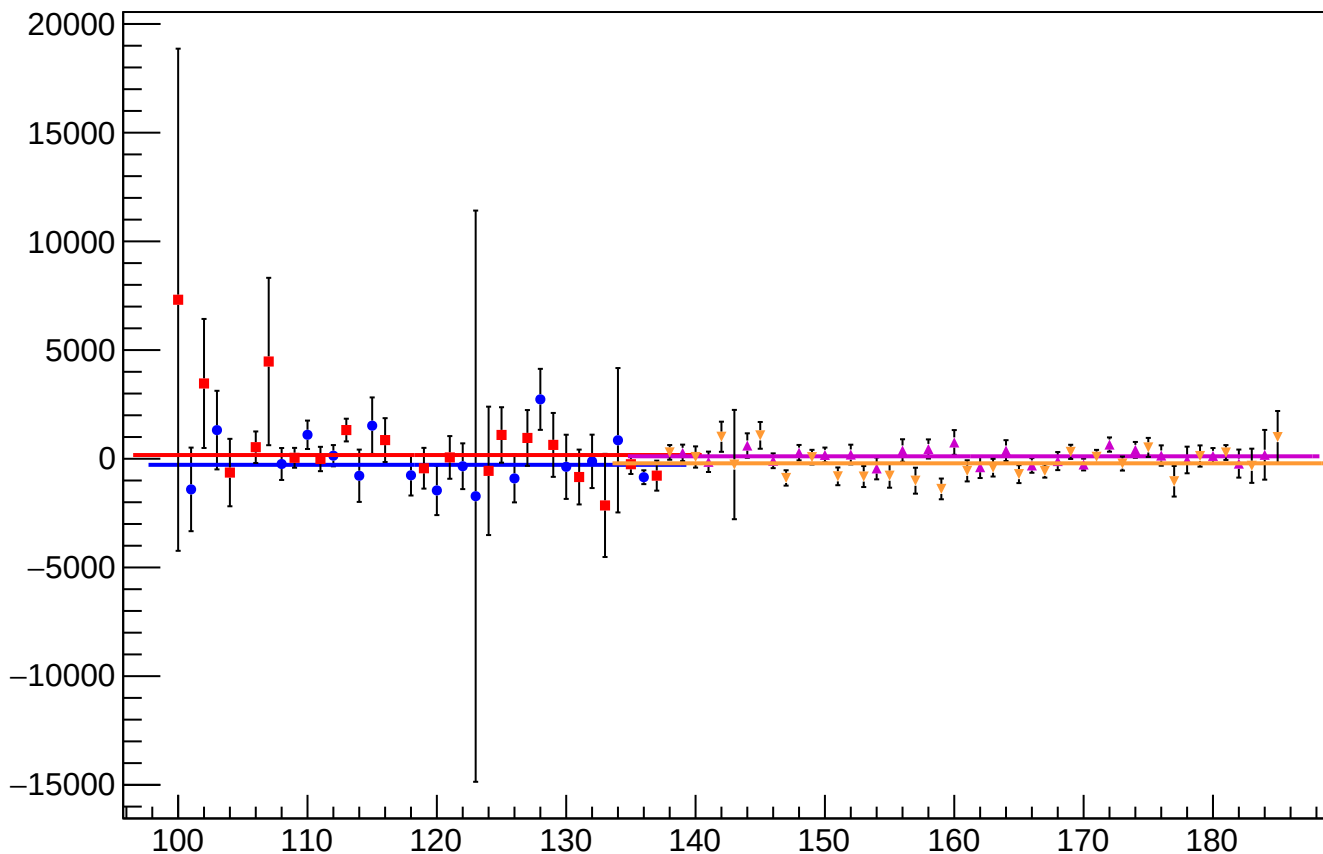
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1293.489 $\pm$ 0.187 χ^2 /NDF:572737.5/39

Out: 1306.773 $\pm$ 0.185 χ^2 /NDF:766420.3/43

All: 1300.205 $\pm$ 0.132 χ^2 /NDF: 1341702.6/83

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: -209.201 $\pm$ 86.525 χ^2 /NDF:41.9/24

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

Left In: 113.183 $\pm$ 86.981 χ^2 /NDF:14.0/22

Left: -48.856 $\pm$ 61.343 χ^2 /NDF: 62.8/47

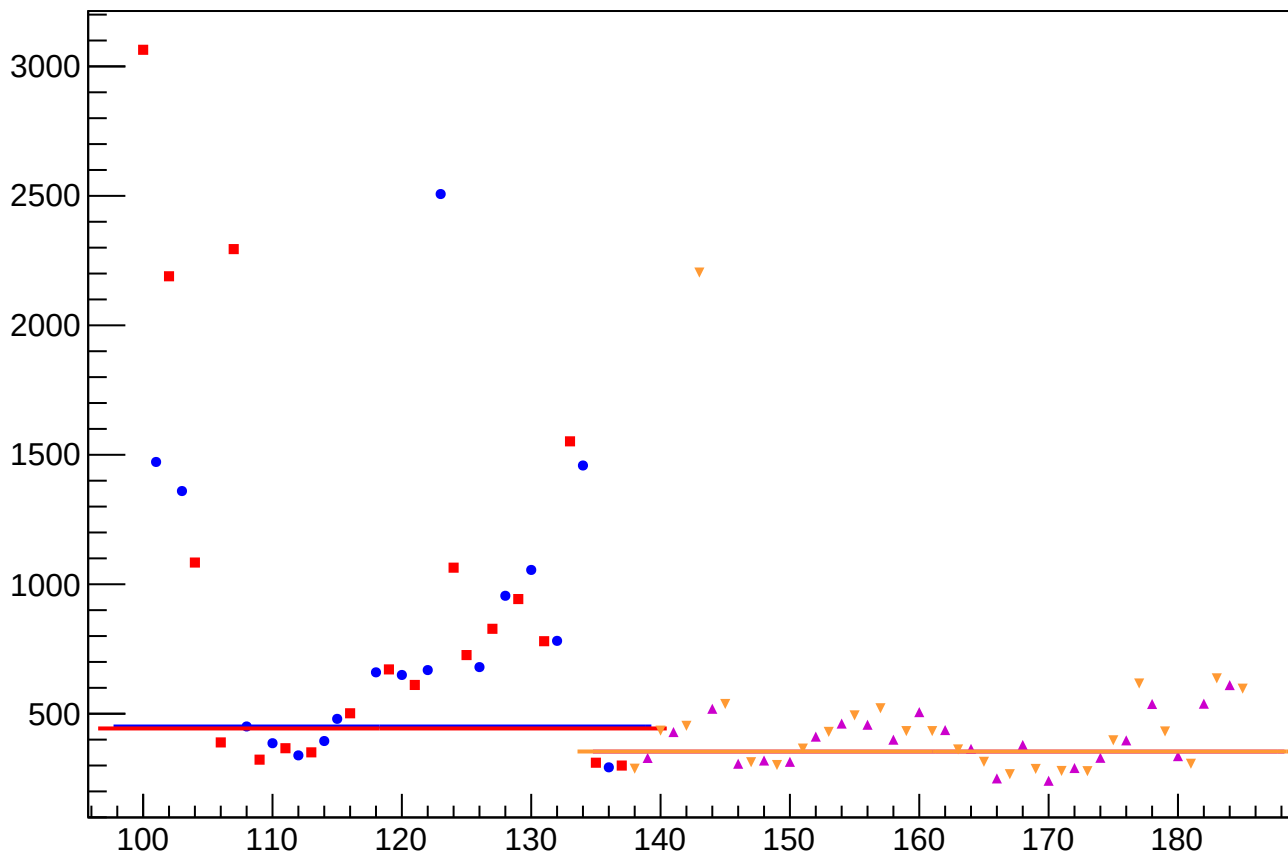
Right: -47.033 $\pm$ 138.049 χ^2 /NDF: 35.4/35

In: 49.854 $\pm$ 79.644 χ^2 /NDF:35.3/39

Out: -145.177 $\pm$ 78.917 χ^2 /NDF:59.9/43

All: -48.555 $\pm$ 56.058 χ^2 /NDF: 98.2/83

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: 354.126 $\pm$ 0.061 χ^2 /NDF: 3168820.6/24

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

Left In: 353.746 $\pm$ 0.062 χ^2 /NDF: 1833470.0/22

Left: 353.937 $\pm$ 0.043 χ^2 /NDF: 5002309.8/47

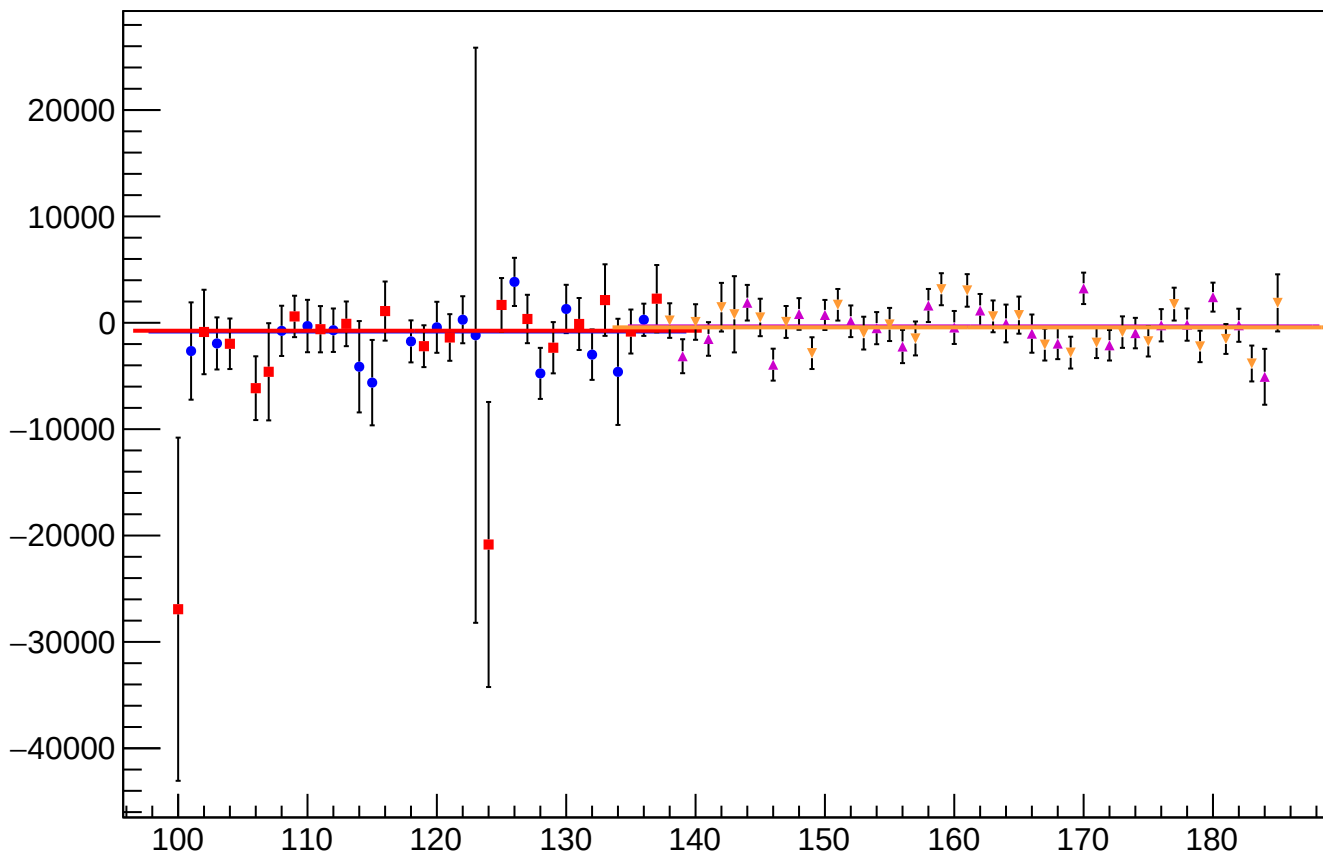
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

In: 369.396 $\pm$ 0.056 χ^2 /NDF: 5231898.3/39

Out: 369.085 $\pm$ 0.056 χ^2 /NDF: 6995729.2/43

All: 369.239 $\pm$ 0.040 χ^2 /NDF: 12227642.9/83

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -817.110 $\pm$ 601.150 χ^2 /NDF: 12.7/16

Left Out: -429.783 $\pm$ 320.426 χ^2 /NDF:32.9/24

Right Out: -746.365 $\pm$ 595.659 χ^2 /NDF: 14.1/18

Left In: -337.193 $\pm$ 323.023 χ^2 /NDF:32.8/22

Left: -383.862 $\pm$ 227.488 χ^2 /NDF: 65.8/47

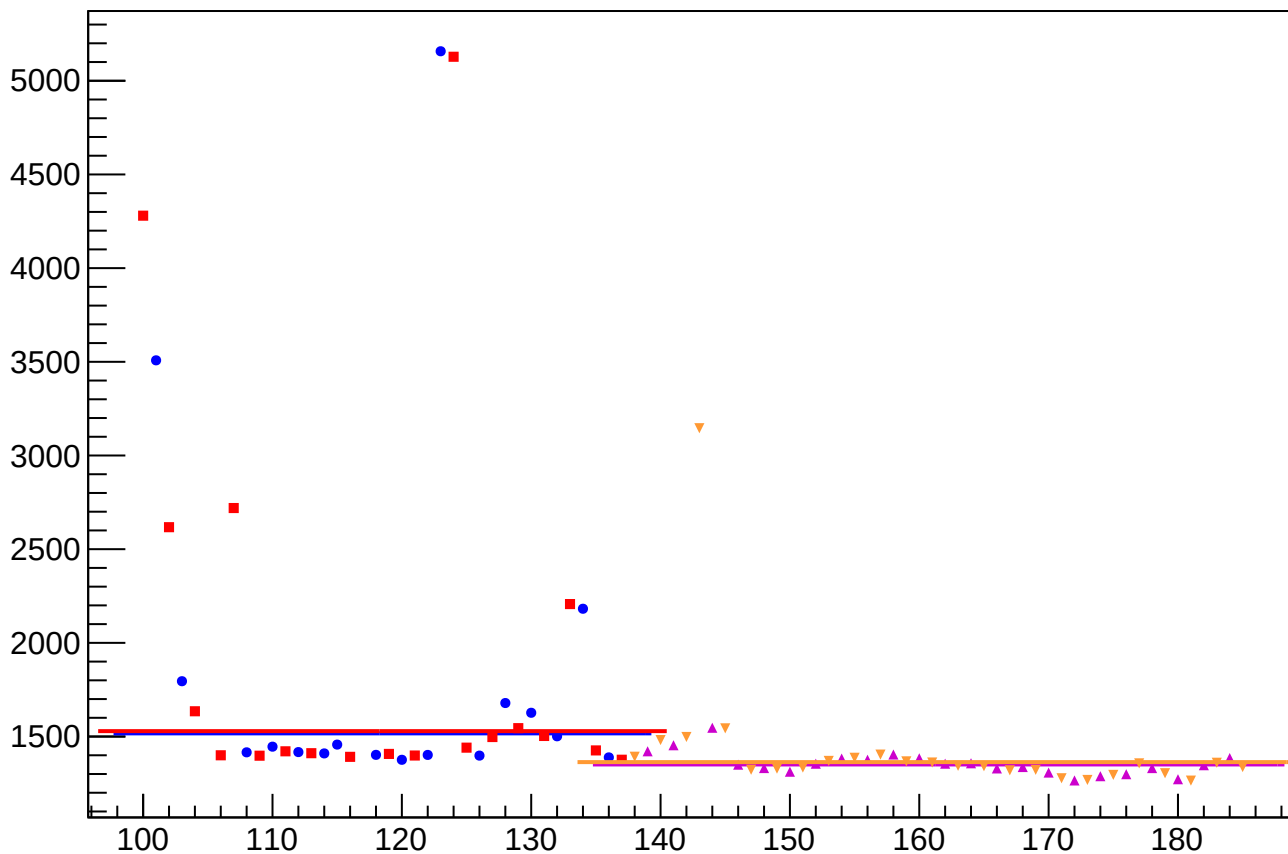
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -444.716 $\pm$ 284.545 χ^2 /NDF:46.0/39

Out: -500.833 $\pm$ 282.188 χ^2 /NDF:47.2/43

All: -473.008 $\pm$ 200.365 χ^2 /NDF: 93.2/83

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1363.524+/-0.227 χ^2/NDF : 575263.1/24

Right Out: 1528.856+/-0.421 χ^2/NDF : 630181.6/18

Left In: 1351.012+/-0.228 χ^2/NDF : 68978.1/22

Left: 1357.319+/-0.161 χ^2/NDF : 645753.6/47

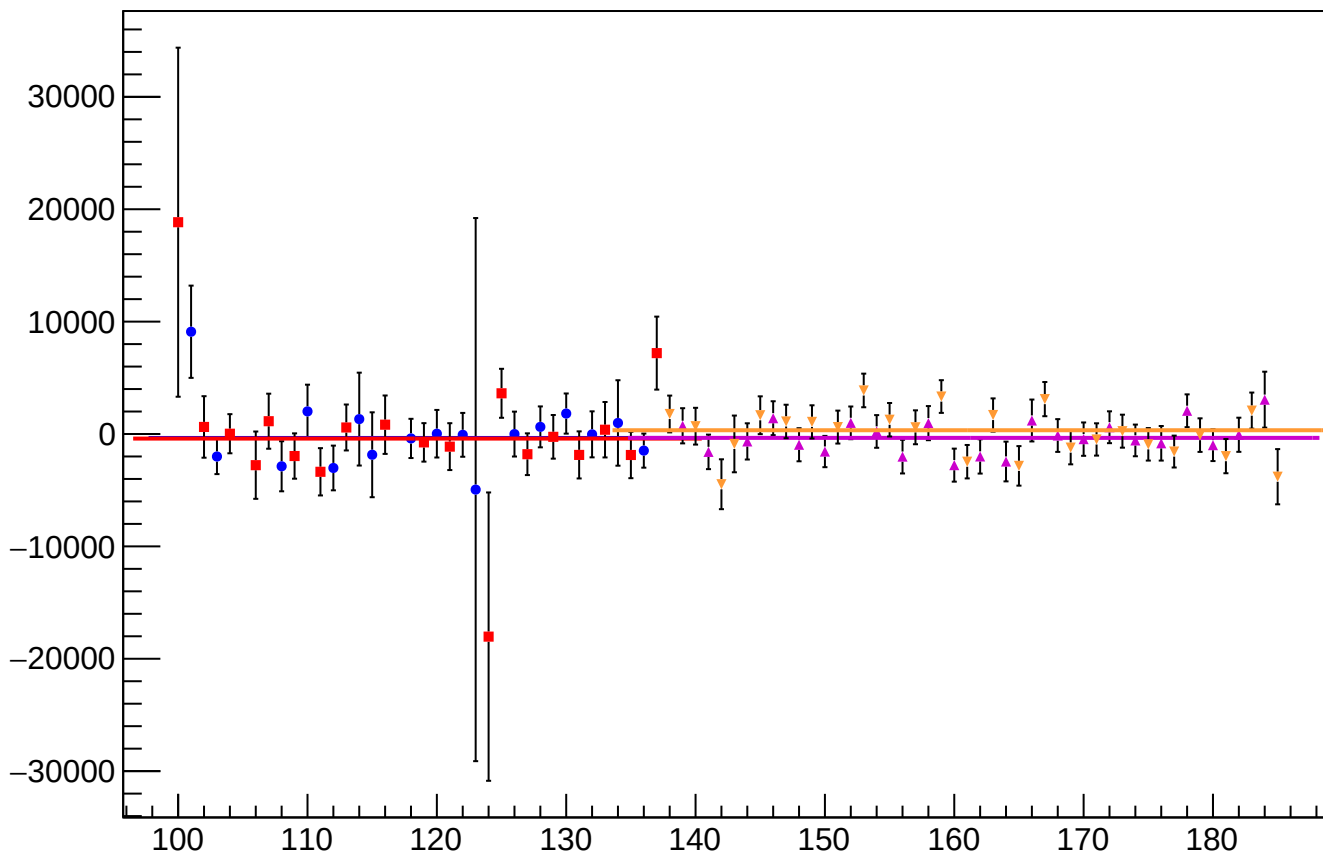
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1388.187+/-0.201 χ^2/NDF : 728244.0/39

Out: 1400.630+/-0.200 χ^2/NDF : 1324945.6/43

All: 1394.460+/-0.142 χ^2/NDF : 2055117.8/83

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: 334.385 ± 314.404 $\chi^2/\text{NDF}: 38.5/24$

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

Left In: -345.358 ± 318.322 $\chi^2/\text{NDF}: 17.9/22$

Left: -1.277 ± 223.690 $\chi^2/\text{NDF}: 58.7/47$

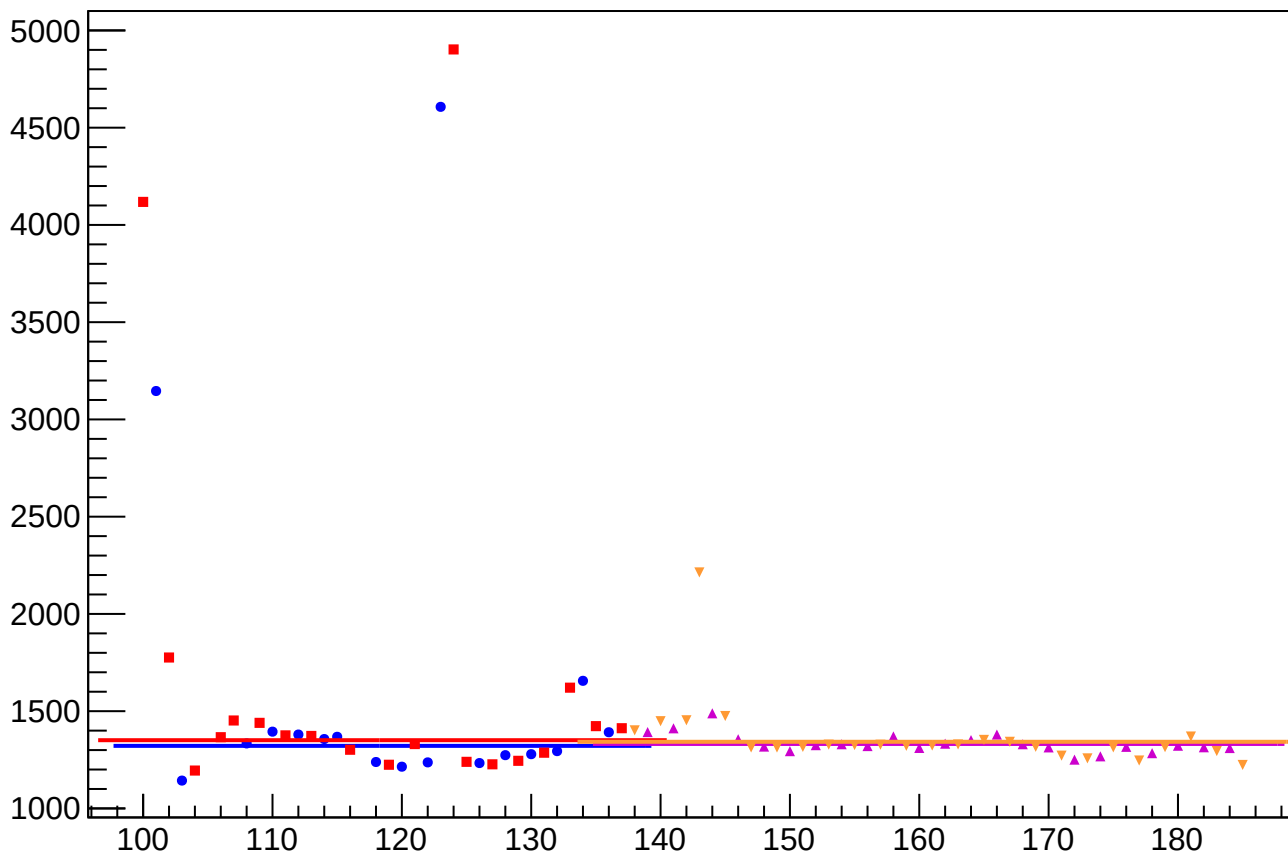
Right: -380.326 ± 369.594 $\chi^2/\text{NDF}: 31.8/35$

In: -347.457 ± 271.962 $\chi^2/\text{NDF}: 31.3/39$

Out: 136.949 ± 269.331 $\chi^2/\text{NDF}: 58.4/43$

All: -102.900 ± 191.369 $\chi^2/\text{NDF}: 91.2/83$

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1342.630+/-0.222 χ^2/NDF : 300308.1/24

Right Out: 1350.773+/-0.369 χ^2/NDF : 349883.8/18

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

Left: 1337.139+/-0.158 χ^2/NDF : 348304.6/47

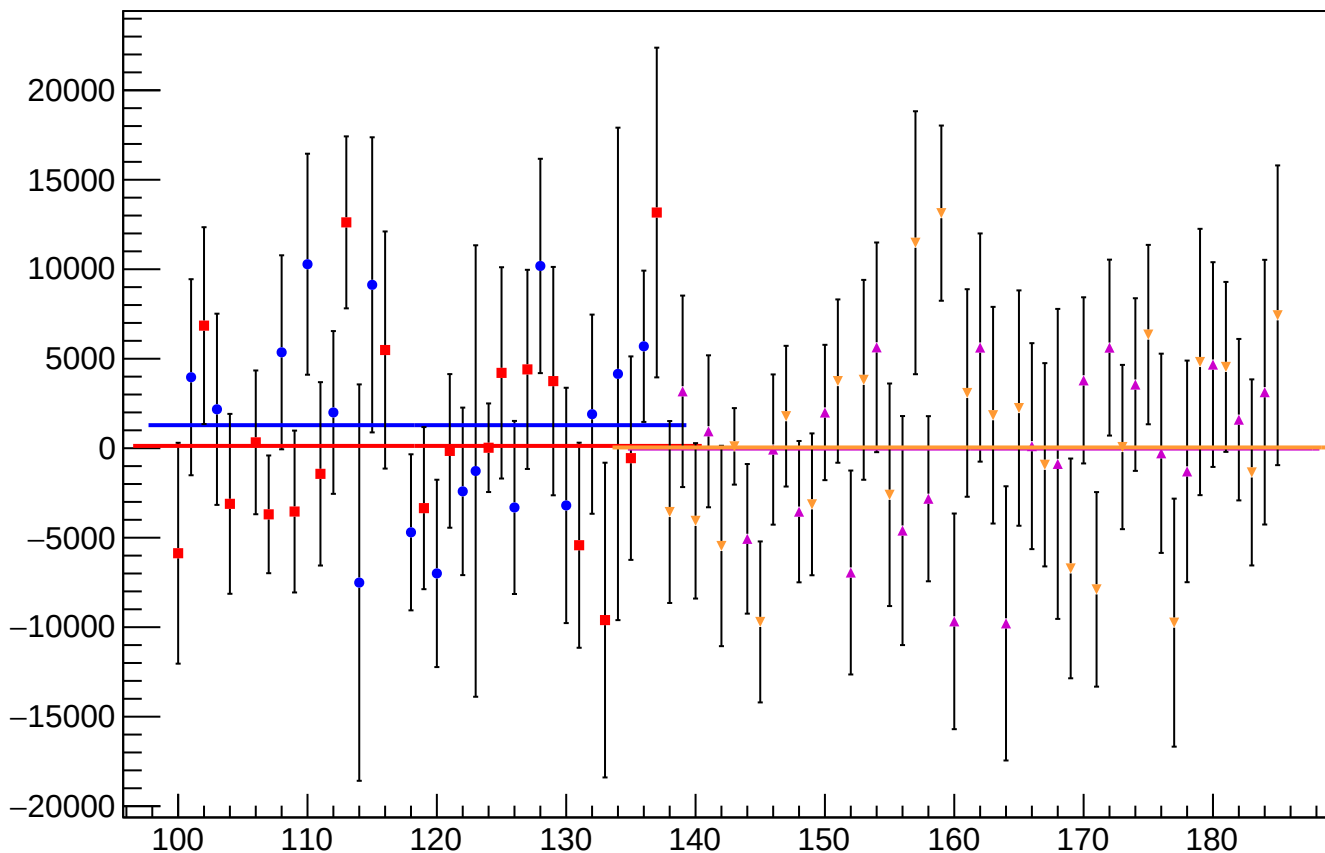
Right: 1336.281+/-0.261 χ^2/NDF : 855224.6/35

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

Out: 1344.799+/-0.190 χ^2/NDF : 650549.3/43

All: 1336.909+/-0.135 χ^2/NDF : 1203537.1/83

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: 41.897+/-962.310 χ^2/NDF : 28.4/24

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

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

Left: 13.561+/-716.187 χ^2/NDF : 43.2/47

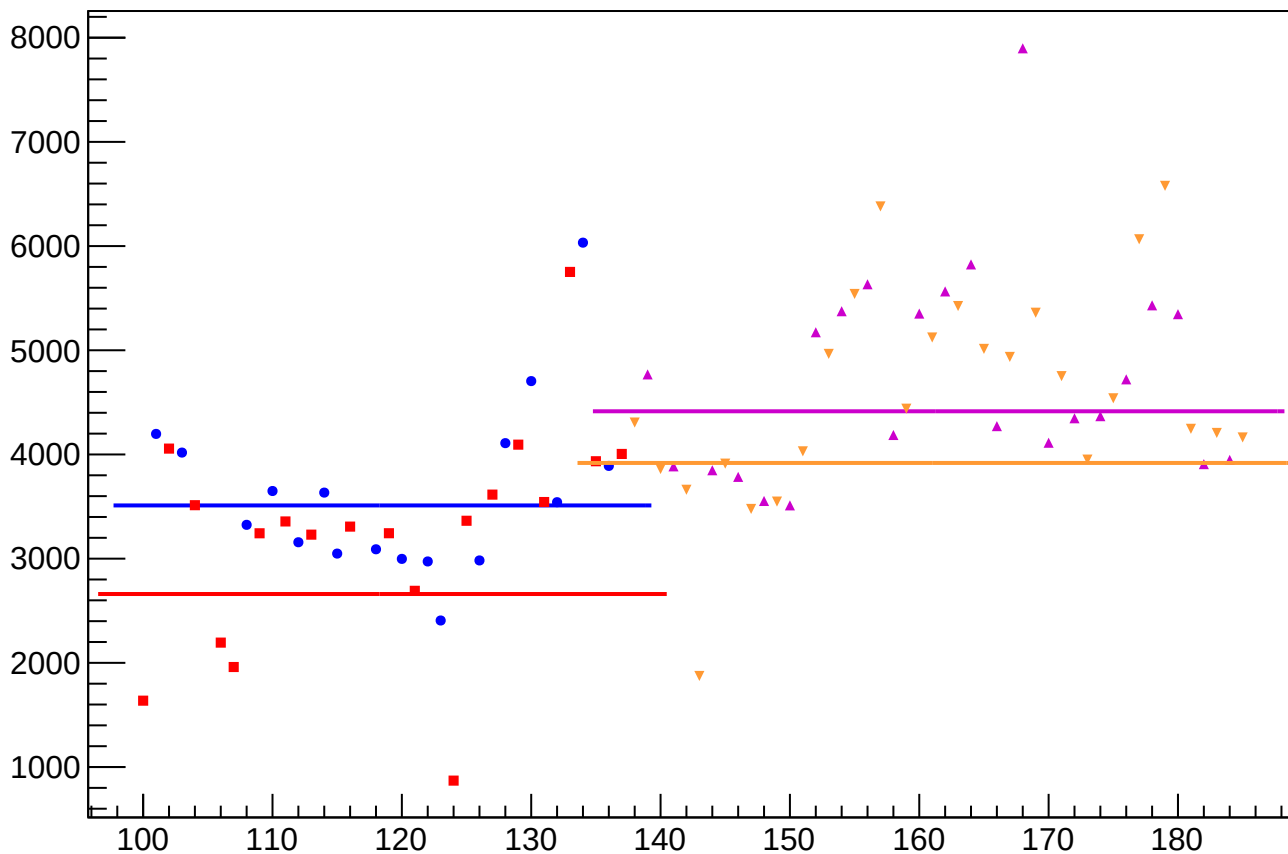
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 80.108+/-720.889 χ^2/NDF : 46.9/43

All: 245.461+/-548.634 χ^2/NDF : 76.7/83

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: 3918.597 $\pm$ 0.680 χ^2 /NDF:3325443.0/24

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

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

Left: 4139.788 $\pm$ 0.506 χ^2 /NDF: 4720975.6/47

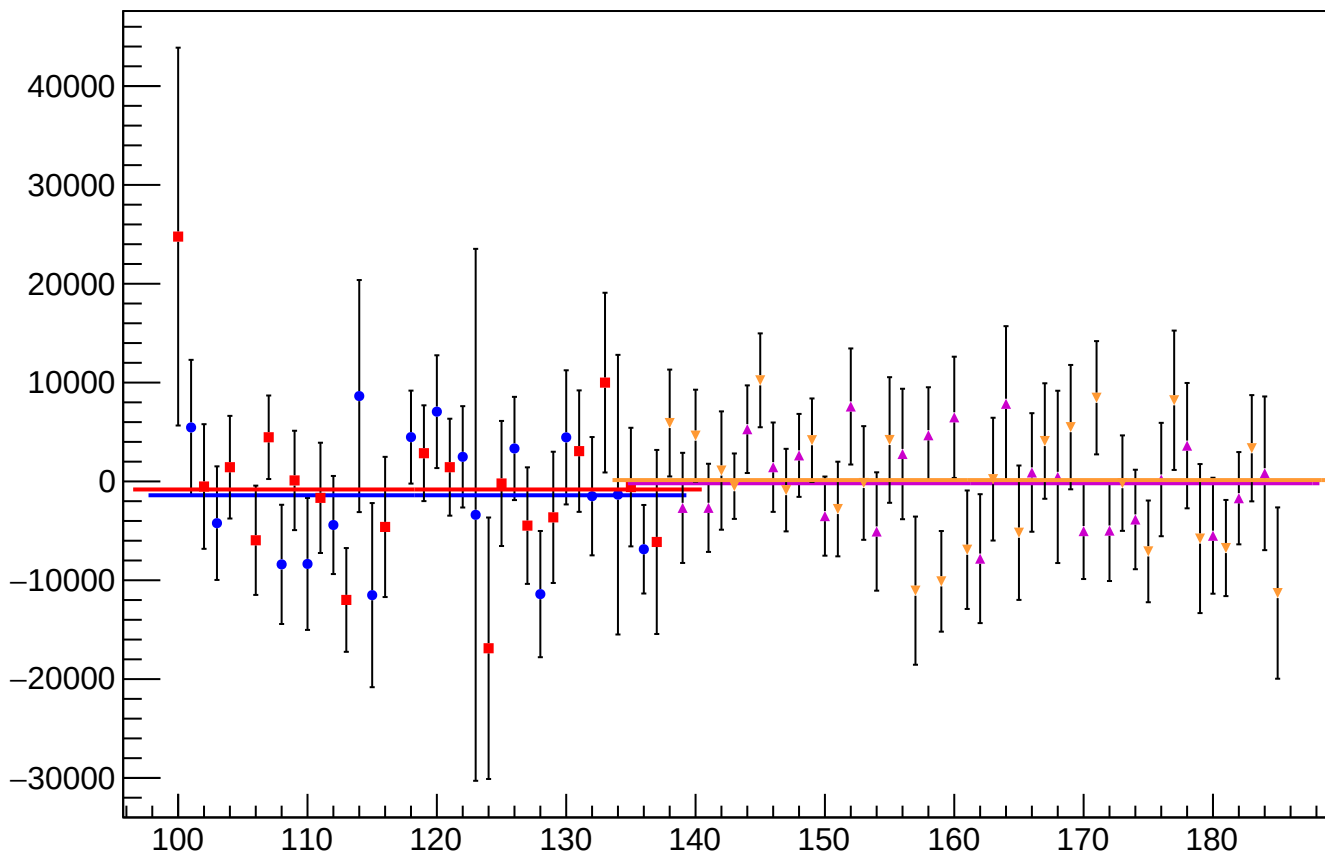
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 3366.585 $\pm$ 0.510 χ^2 /NDF:7007838.2/43

All: 3663.830 $\pm$ 0.388 χ^2 /NDF: 9855333.5/83

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 134.689 $\pm$ 1065.202 χ^2 /NDF:28.0/24

Right Out: -814.071 $\pm$ 1379.106 χ^2 /NDF: 14.3/18

Left In: -185.280 $\pm$ 1119.296 χ^2 /NDF:14.3/22

Left: -17.377 $\pm$ 771.627 χ^2 /NDF: 42.3/47

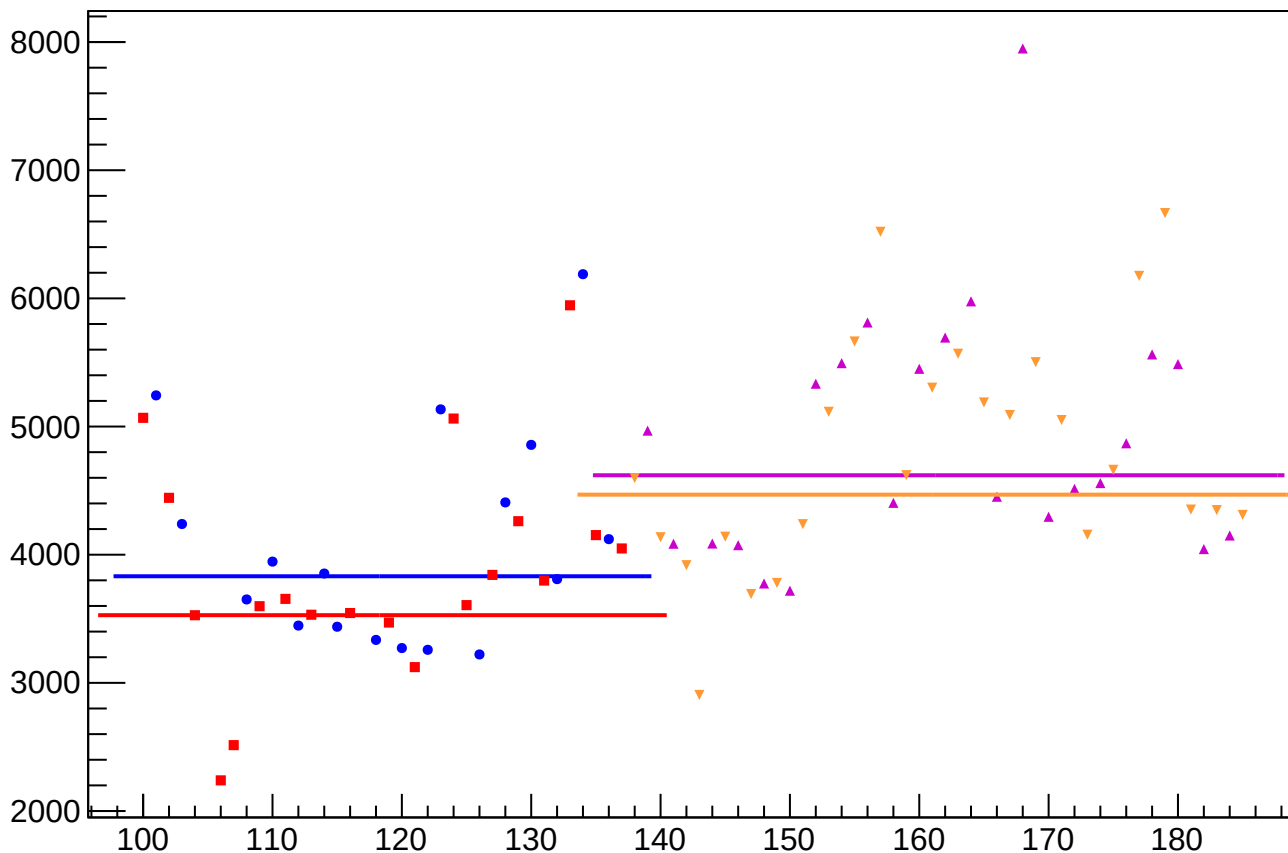
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -618.711 $\pm$ 897.957 χ^2 /NDF:30.5/39

Out: -219.826 $\pm$ 843.018 χ^2 /NDF:42.5/43

All: -406.694 $\pm$ 614.608 χ^2 /NDF: 73.1/83

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4468.601 $\pm$ 0.753 χ^2 /NDF:1380140.1/24

Right Out: 3528.100 $\pm$ 0.966 χ^2 /NDF: 557192.5/18

Left In: 4619.952 $\pm$ 0.791 χ^2 /NDF:1001966.3/22

Left: 4540.531 $\pm$ 0.546 χ^2 /NDF: 2401295.9/47

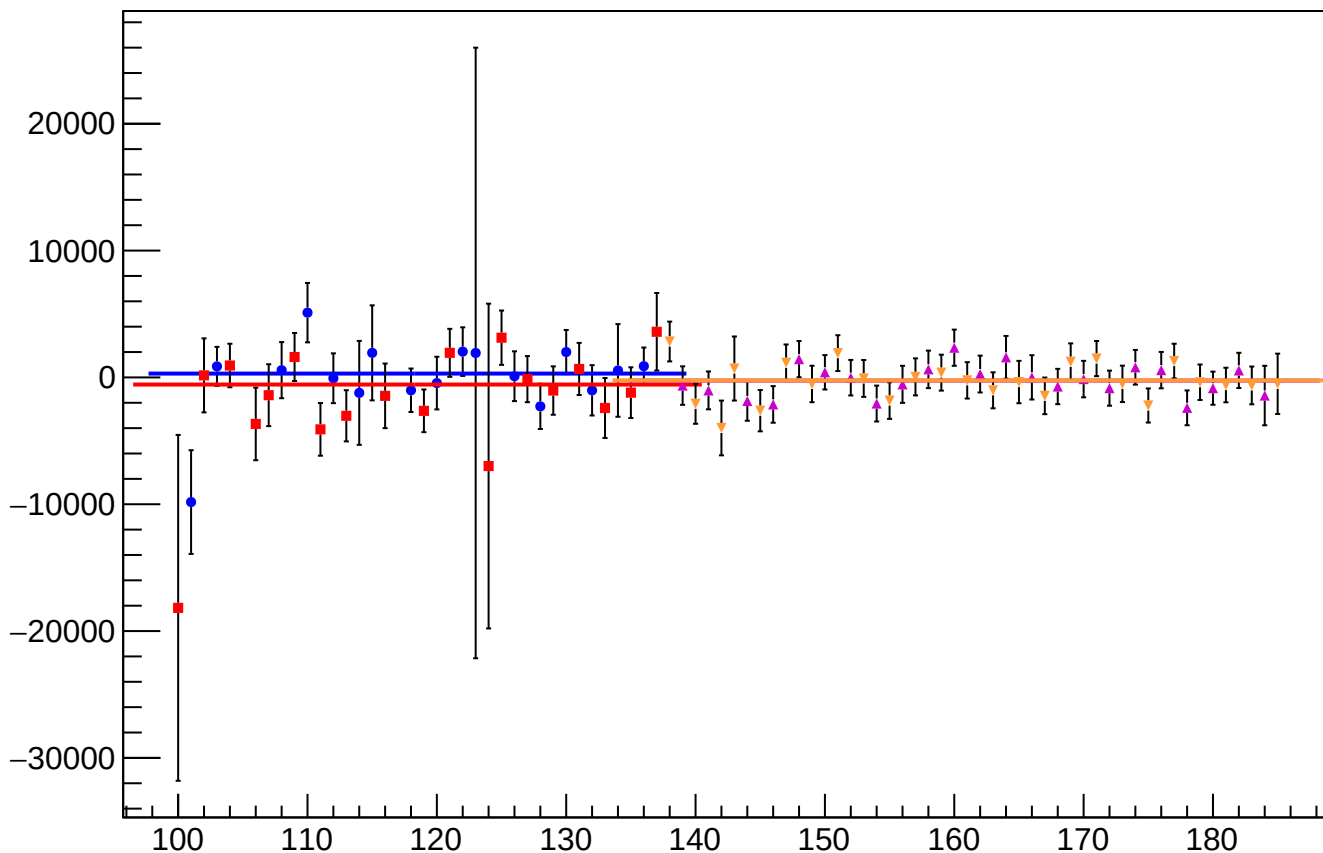
Right: 3665.441 $\pm$ 0.715 χ^2 /NDF: 939571.7/35

In: 4339.058 $\pm$ 0.635 χ^2 /NDF:1693087.2/39

Out: 4113.142 $\pm$ 0.594 χ^2 /NDF:2526602.1/43

All: 4218.593 $\pm$ 0.434 χ^2 /NDF: 4287193.9/83

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: -237.286 $\pm$ 301.278 χ^2 /NDF:22.4/24

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

Left In: -250.313 $\pm$ 305.013 χ^2 /NDF:15.9/22

Left: -243.719 $\pm$ 214.344 χ^2 /NDF: 38.3/47

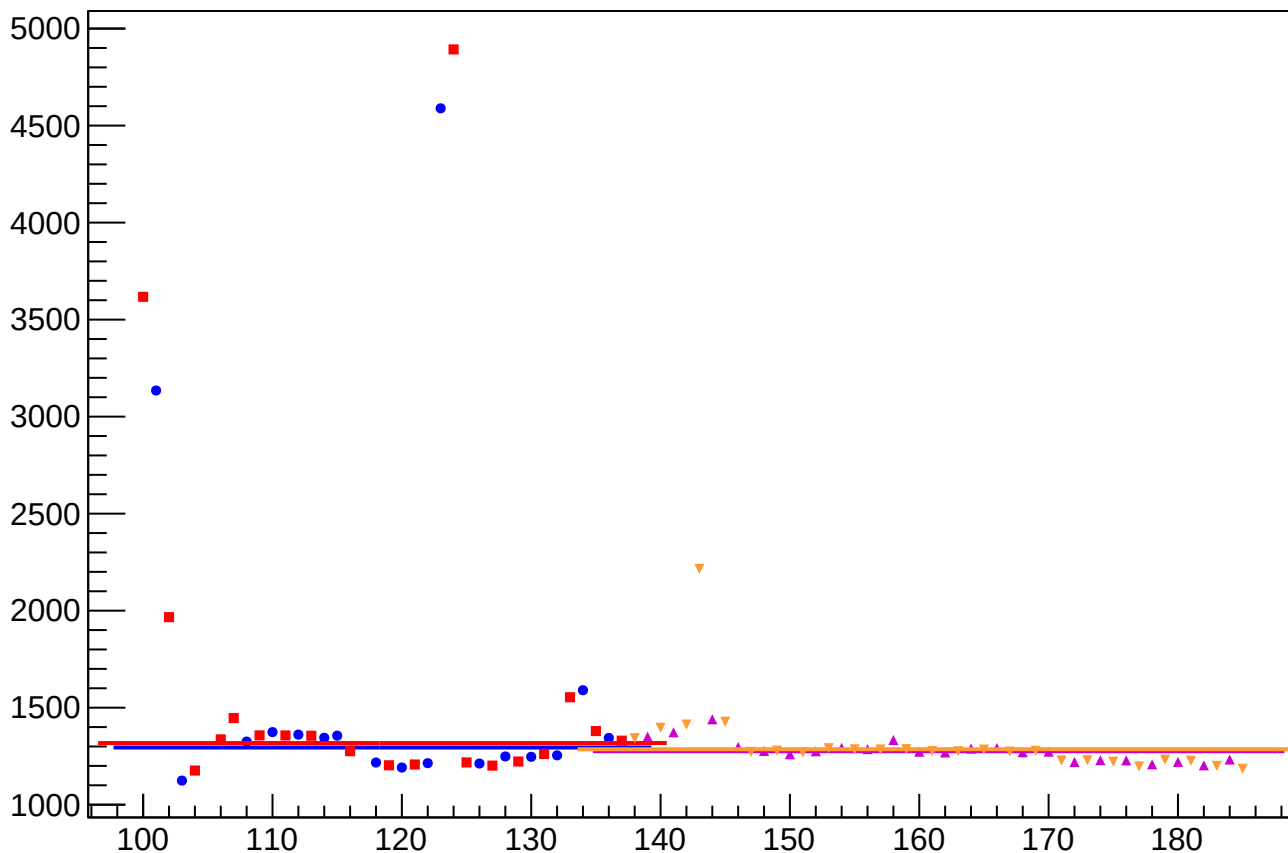
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -105.999 $\pm$ 262.151 χ^2 /NDF:32.8/39

Out: -321.758 $\pm$ 259.177 χ^2 /NDF:41.9/43

All: -215.109 $\pm$ 184.308 χ^2 /NDF: 75.1/83

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: 1285.856 $\pm$ 0.213 χ^2 /NDF: 342979.0/24

Right Out: 1317.789 $\pm$ 0.359 χ^2 /NDF: 390807.4/18

Left In: 1275.546 $\pm$ 0.216 χ^2 /NDF: 62488.3/22

Left: 1280.764 $\pm$ 0.152 χ^2 /NDF: 406623.9/47

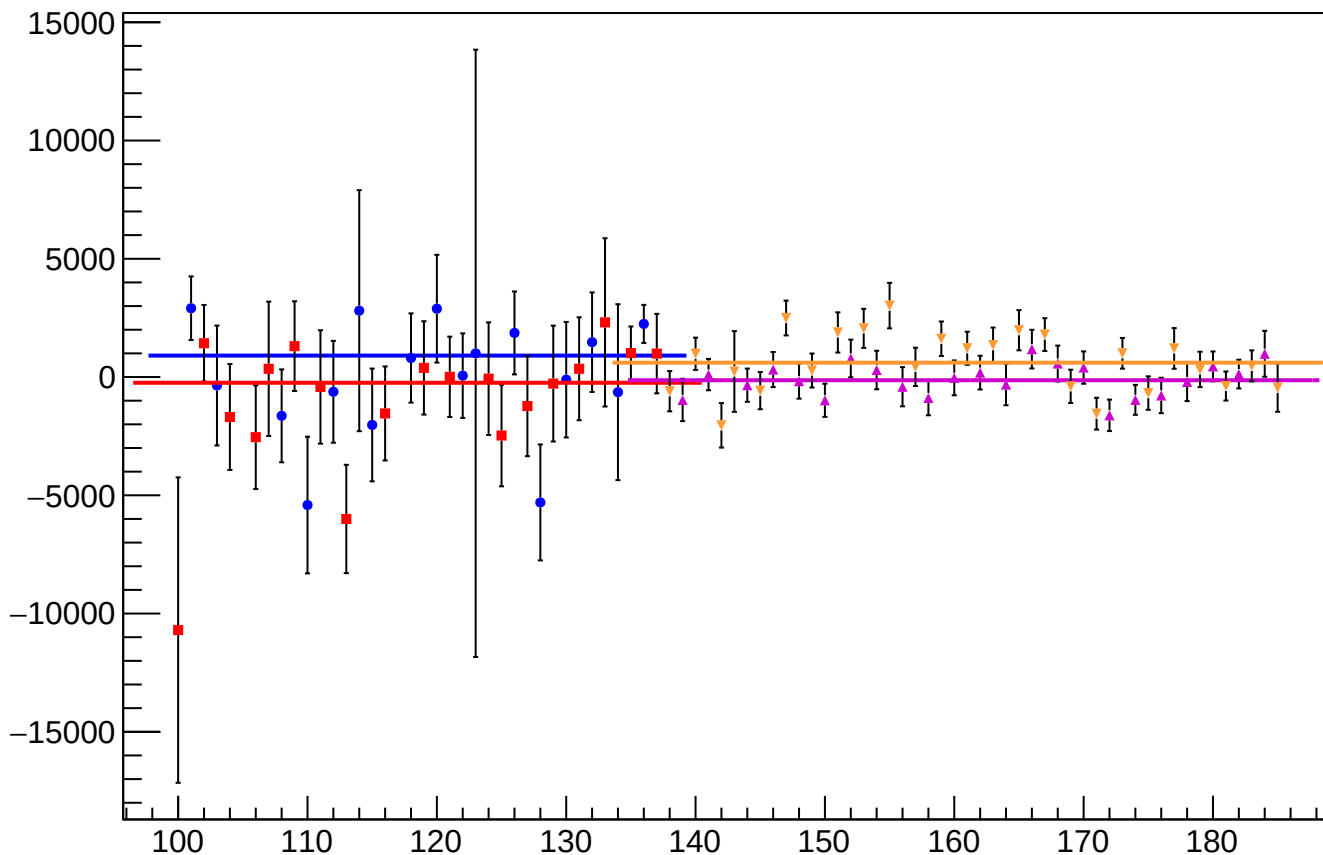
Right: 1306.361 $\pm$ 0.255 χ^2 /NDF: 900651.0/35

In: 1280.559 $\pm$ 0.185 χ^2 /NDF: 572359.6/39

Out: 1294.157 $\pm$ 0.183 χ^2 /NDF: 739627.3/43

All: 1287.435 $\pm$ 0.130 χ^2 /NDF: 1314708.4/83

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: 607.181 $\pm$ 152.961 χ^2 /NDF:60.5/24

Right Out: -242.305 $\pm$ 463.339 χ^2 /NDF: 16.5/18

Left In: -135.888 $\pm$ 153.479 χ^2 /NDF:19.8/22

Left: 236.902 $\pm$ 108.342 χ^2 /NDF: 92.1/47

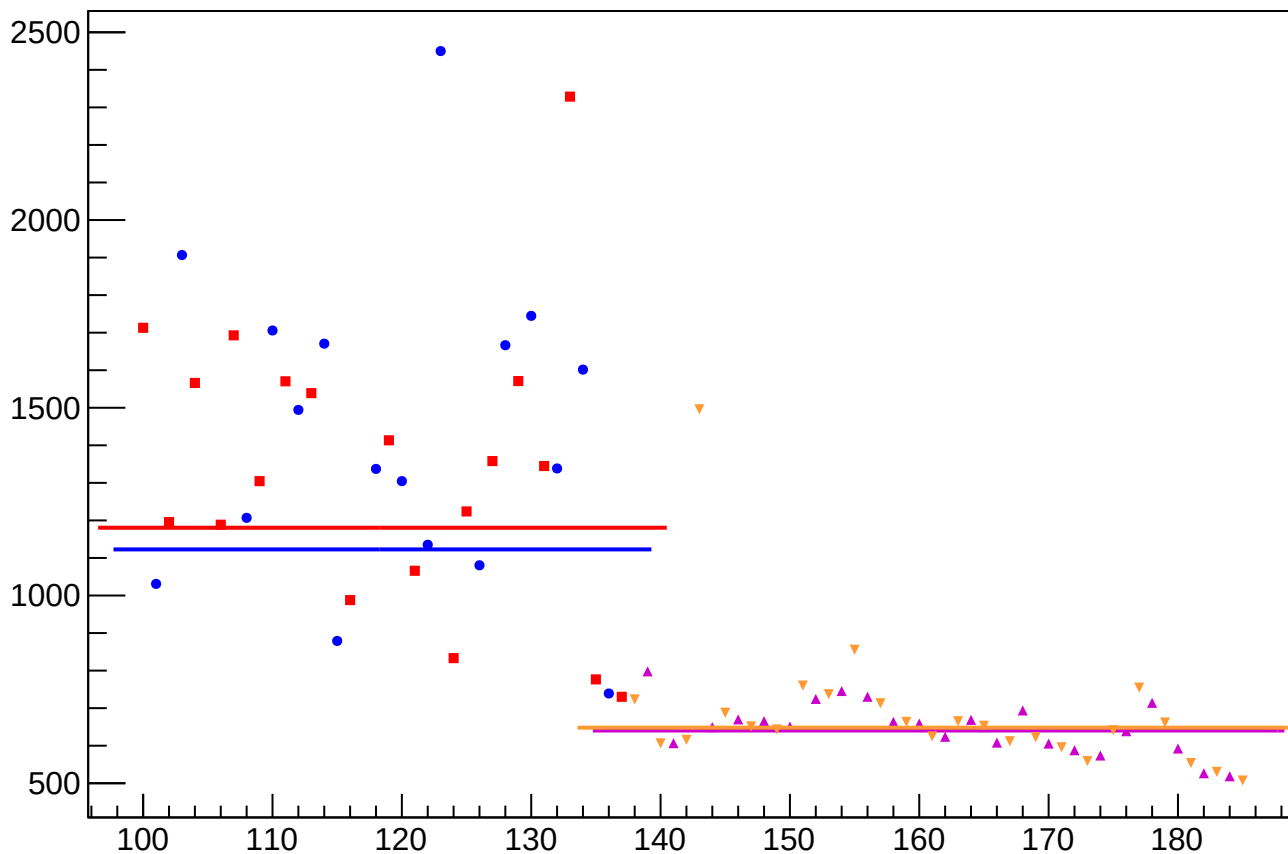
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -29.733 $\pm$ 145.455 χ^2 /NDF:46.5/39

Out: 523.699 $\pm$ 145.250 χ^2 /NDF:80.1/43

All: 247.373 $\pm$ 102.780 χ^2 /NDF: 133.8/83

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: 648.060+/-0.108 χ^2/NDF : 932073.5/24

Right Out: 1180.554+/-0.328 χ^2/NDF : 1035382.2/18

Left In: 640.460+/-0.109 χ^2/NDF : 341526.8/22

Left: 644.273+/-0.077 χ^2/NDF : 1276060.8/47

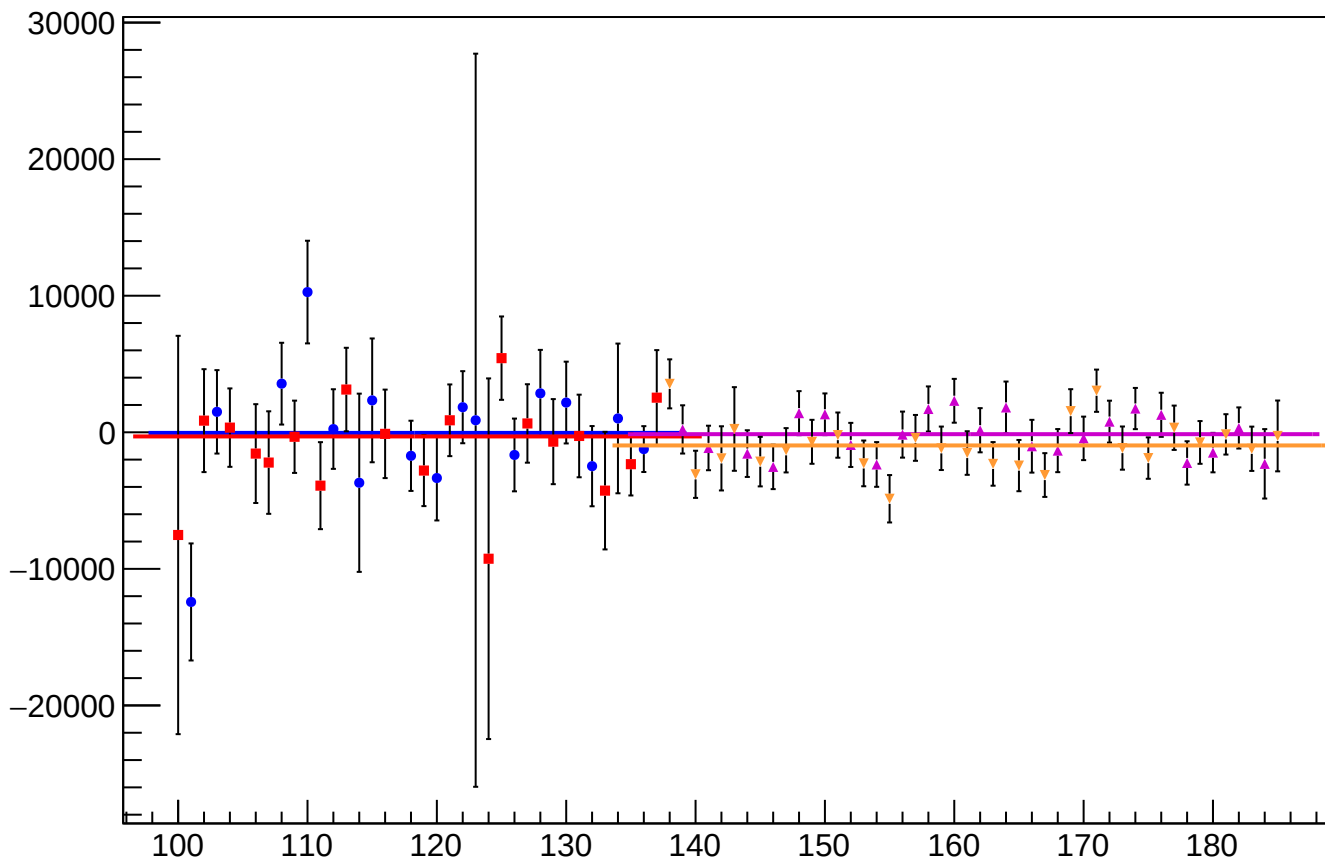
Right: 1151.192+/-0.230 χ^2/NDF : 2239183.7/35

In: 689.569+/-0.103 χ^2/NDF : 3540593.4/39

Out: 700.390+/-0.103 χ^2/NDF : 4349423.9/43

All: 694.987+/-0.073 χ^2/NDF : 7895559.7/83

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 χ^2/NDF : 23.2/16

Left Out: -962.894 ± 339.377 χ^2/NDF : 28.5/24

Right Out: -303.720 ± 734.458 χ^2/NDF : 10.9/18

Left In: -137.780 ± 342.262 χ^2/NDF : 18.8/22

Left: -553.829 ± 240.989 χ^2/NDF : 50.3/47

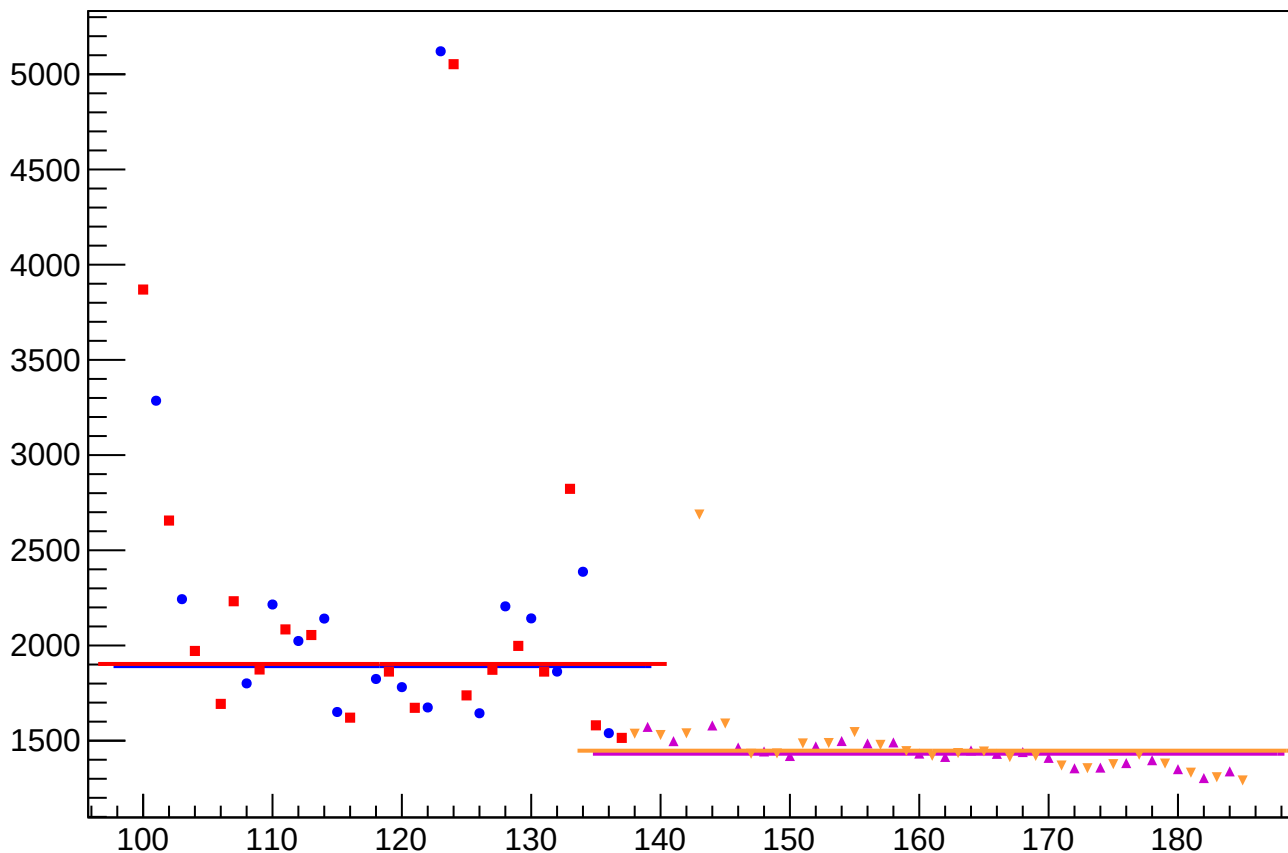
Right: -176.341 ± 523.921 χ^2/NDF : 34.1/35

In: -121.593 ± 311.198 χ^2/NDF : 42.0/39

Out: -846.914 ± 308.077 χ^2/NDF : 40.0/43

All: -487.909 ± 218.939 χ^2/NDF : 84.8/83

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: 1447.518 $\pm$ 0.240 χ^2 /NDF: 419292.3/24

Right Out: 1903.010 $\pm$ 0.519 χ^2 /NDF: 460147.6/18

Left In: 1431.663 $\pm$ 0.242 χ^2 /NDF: 77792.5/22

Left: 1439.657 $\pm$ 0.170 χ^2 /NDF: 499248.8/47

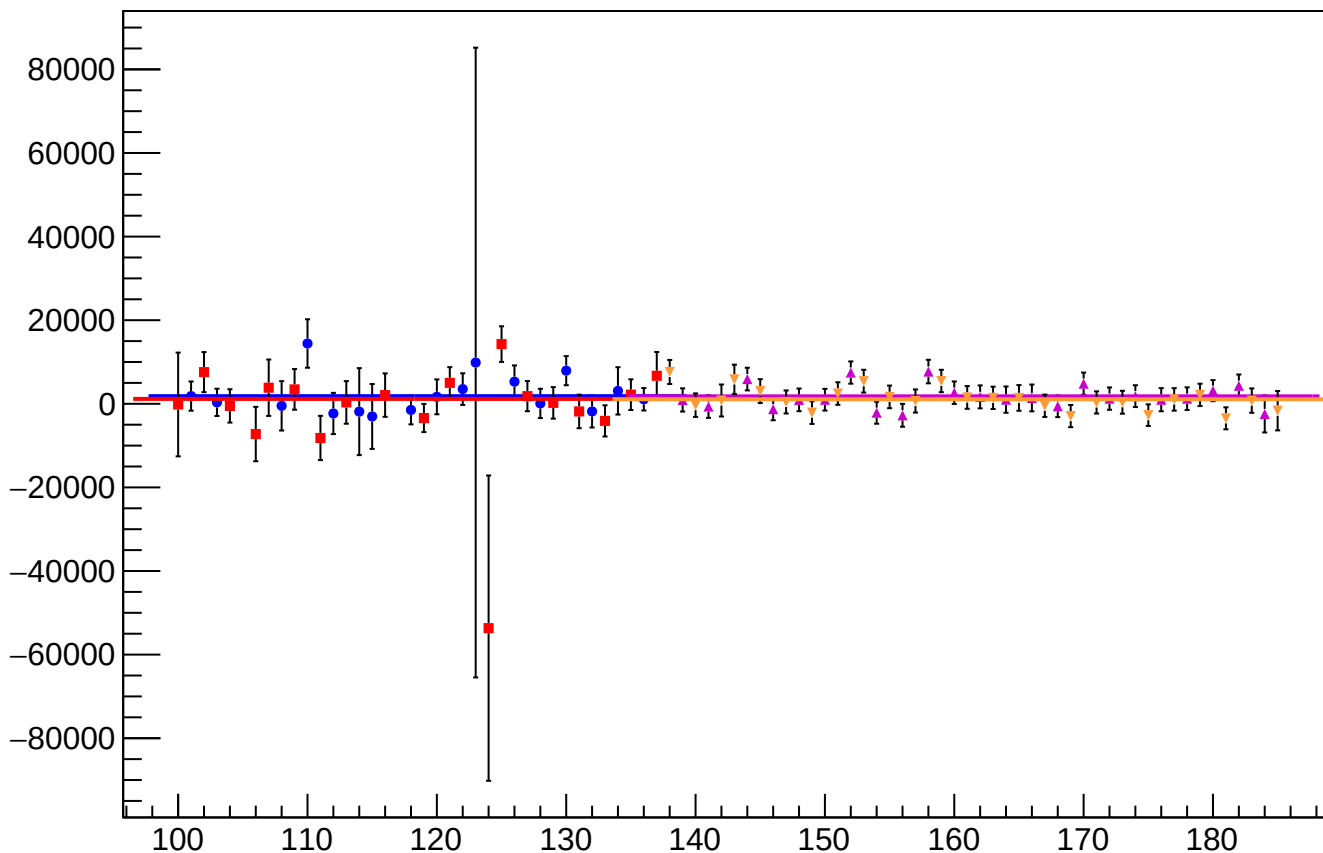
Right: 1897.439 $\pm$ 0.370 χ^2 /NDF: 929470.1/35

In: 1511.374 $\pm$ 0.220 χ^2 /NDF: 1172907.7/39

Out: 1527.663 $\pm$ 0.218 χ^2 /NDF: 1513342.3/43

All: 1519.600 $\pm$ 0.155 χ^2 /NDF: 2689017.4/83

dit_asym_atl1_mean vs Slug, Sign Corrected



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

Left Out: 1084.158 $\pm$ 564.464 χ^2 /NDF: 23.1/24

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1782.787 $\pm$ 574.111 χ^2 /NDF: 23.3/22

Left: 1427.553 $\pm$ 402.504 χ^2 /NDF: 47.2/47

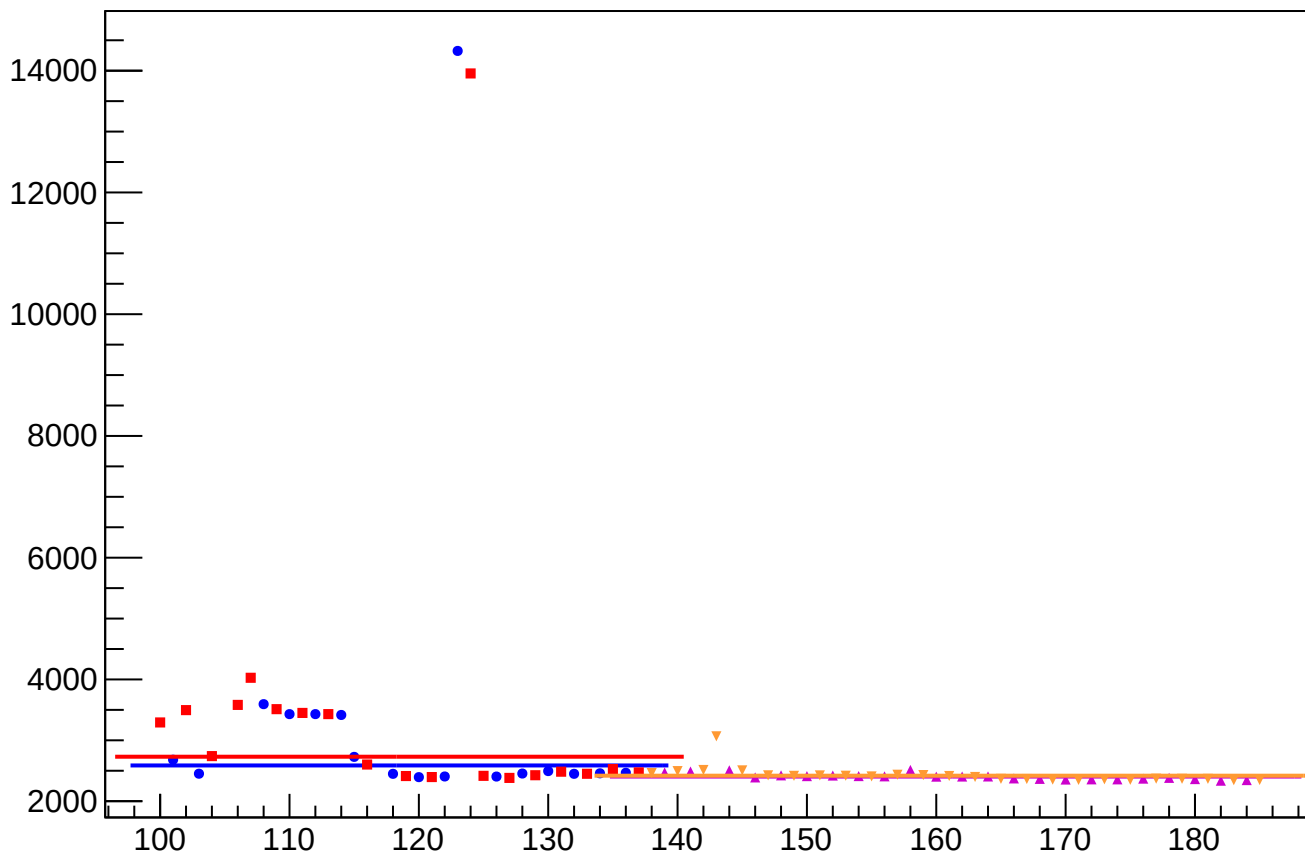
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1793.103 $\pm$ 499.133 χ^2 /NDF: 35.9/39

Out: 1104.243 $\pm$ 496.770 χ^2 /NDF: 48.6/43

All: 1447.038 $\pm$ 352.102 χ^2 /NDF: 85.4/83

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2418.751 $\pm$ 0.399 χ^2 /NDF: 82855.3/24

Right Out: 2730.484 $\pm$ 0.740 χ^2 /NDF: 584993.0/18

Left In: 2404.189 $\pm$ 0.406 χ^2 /NDF: 14231.7/22

Left: 2411.593 $\pm$ 0.285 χ^2 /NDF: 97741.3/47

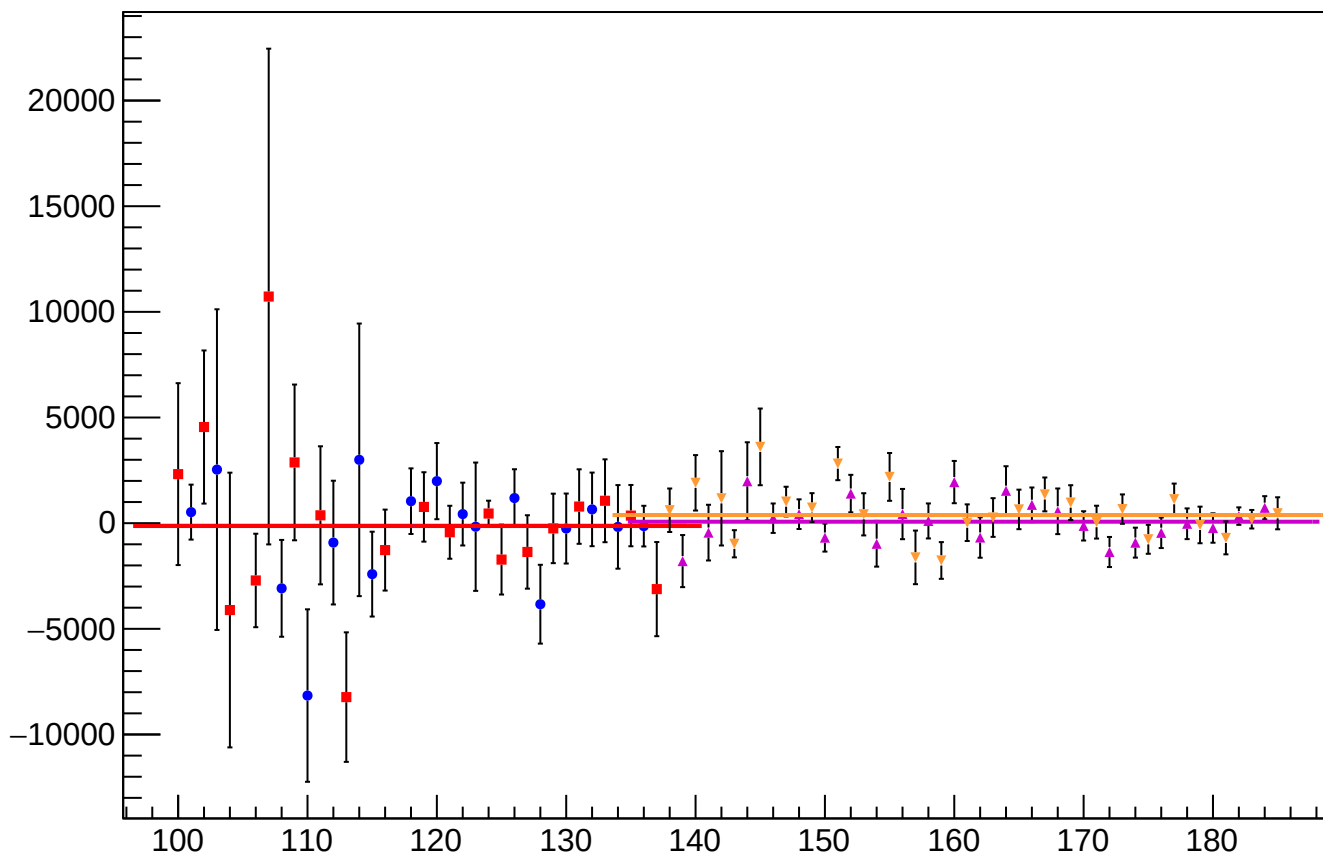
Right: 2656.218 $\pm$ 0.514 χ^2 /NDF: 858580.5/35

In: 2448.815 $\pm$ 0.353 χ^2 /NDF: 317842.1/39

Out: 2489.038 $\pm$ 0.351 χ^2 /NDF: 805383.2/43

All: 2469.022 $\pm$ 0.249 χ^2 /NDF: 1129750.1/83

asym_atl1_correction_mean vs Slug, Sign Corrected



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

Left Out: 385.791 $\pm$ 161.631 χ^2 /NDF:39.9/24

Right Out: -135.340 $\pm$ 379.439 χ^2 /NDF: 17.9/18

Left In: 69.054 $\pm$ 161.241 χ^2 /NDF:24.0/22

Left: 227.040 $\pm$ 114.152 χ^2 /NDF: 65.8/47

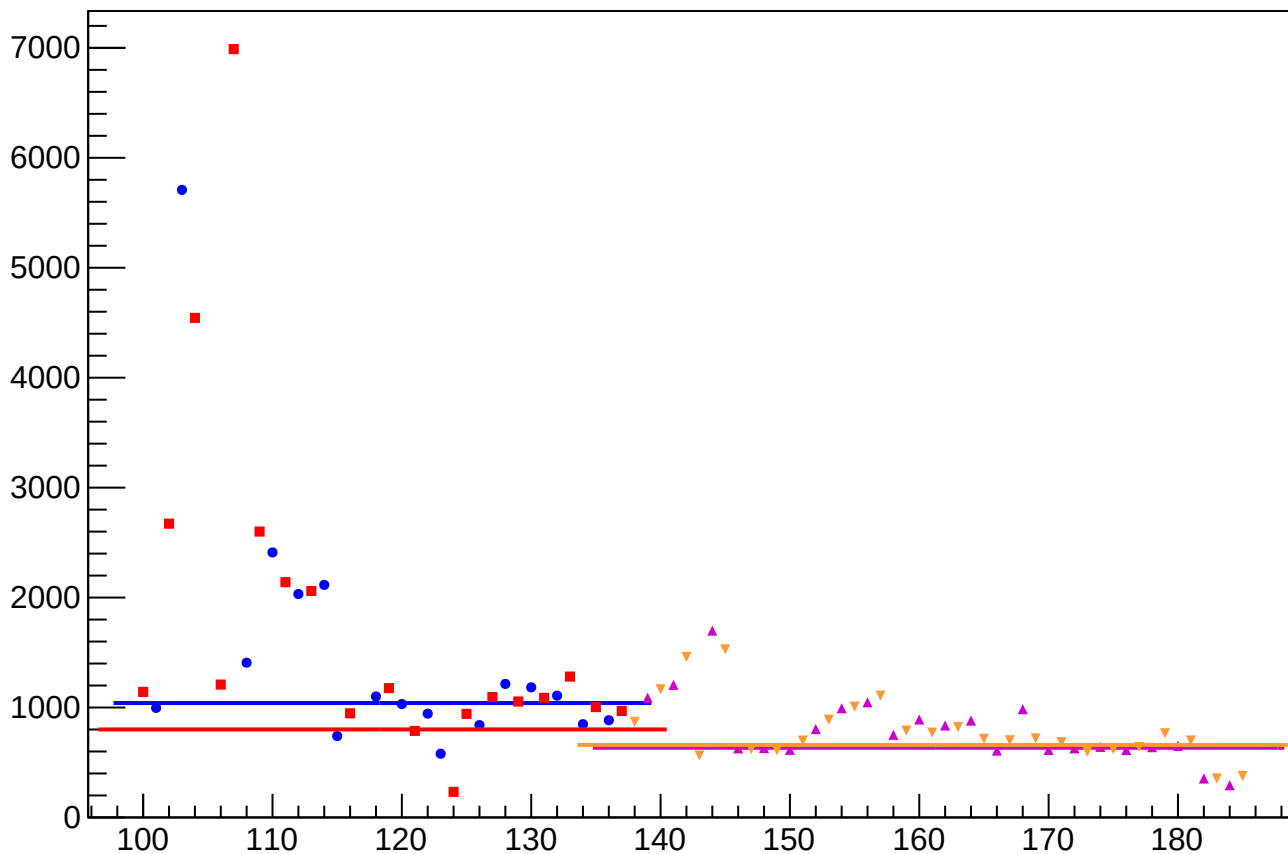
Right: -130.591 $\pm$ 284.729 χ^2 /NDF: 32.6/35

In: 45.271 $\pm$ 151.009 χ^2 /NDF:38.8/39

Out: 305.753 $\pm$ 148.701 χ^2 /NDF:59.4/43

All: 177.517 $\pm$ 105.954 χ^2 /NDF: 99.7/83

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 ± 0.305 $\chi^2/\text{NDF}: 1573034.8/16$

Left Out: 659.863 ± 0.114 $\chi^2/\text{NDF}: 3176237.7/24$

Right Out: 800.407 ± 0.268 $\chi^2/\text{NDF}: 5187026.8/18$

Left In: 633.854 ± 0.114 $\chi^2/\text{NDF}: 4111957.5/22$

Left: 646.827 ± 0.081 $\chi^2/\text{NDF}: 7314151.7/47$

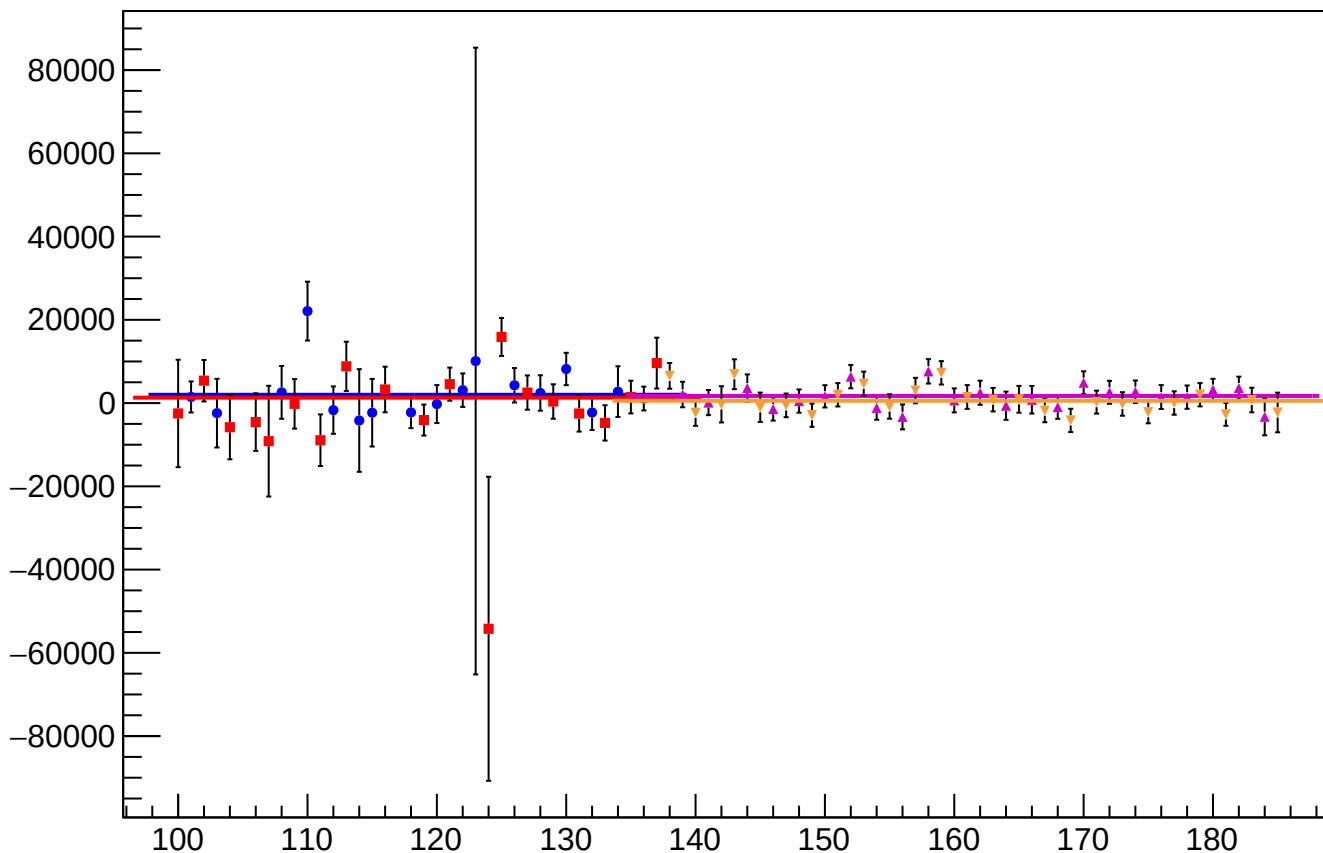
Right: 905.419 ± 0.201 $\chi^2/\text{NDF}: 7110681.5/35$

In: 683.860 ± 0.107 $\chi^2/\text{NDF}: 7250297.2/39$

Out: 681.448 ± 0.105 $\chi^2/\text{NDF}: 8595514.2/43$

All: 682.636 ± 0.075 $\chi^2/\text{NDF}: 15846070.5/83$

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263 $\pm$ 1155.054 χ^2 /NDF: 14.9/16

Left Out: 566.063 $\pm$ 596.961 χ^2 /NDF:25.4/24

Right Out: 1304.124 $\pm$ 1188.654 χ^2 /NDF: 27.6/18

Left In: 1713.317 $\pm$ 607.775 χ^2 /NDF:18.1/22

Left: 1129.392 $\pm$ 425.887 χ^2 /NDF: 45.3/47

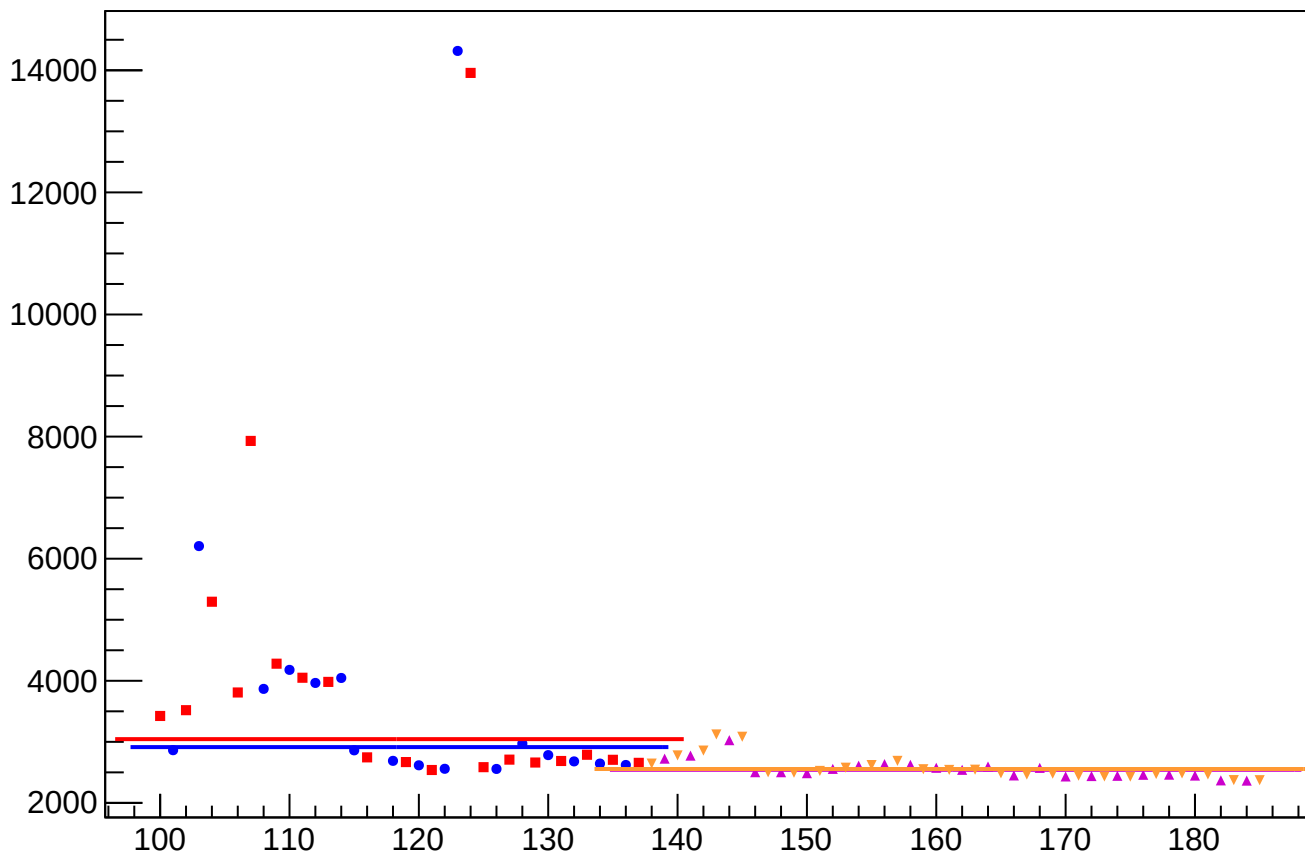
Right: 1660.114 $\pm$ 828.371 χ^2 /NDF: 42.7/35

In: 1774.670 $\pm$ 537.860 χ^2 /NDF:33.0/39

Out: 714.722 $\pm$ 533.464 χ^2 /NDF:53.3/43

All: 1240.347 $\pm$ 378.761 χ^2 /NDF: 88.2/83

asym_atl1_rms vs Slug, Sign Corrected



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

Left Out: 2555.201+/-0.422 χ^2/NDF :154797.4/24

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2541.950+/-0.430 χ^2/NDF :97238.4/22

Left: 2548.694+/-0.301 χ^2/NDF : 252519.7/47

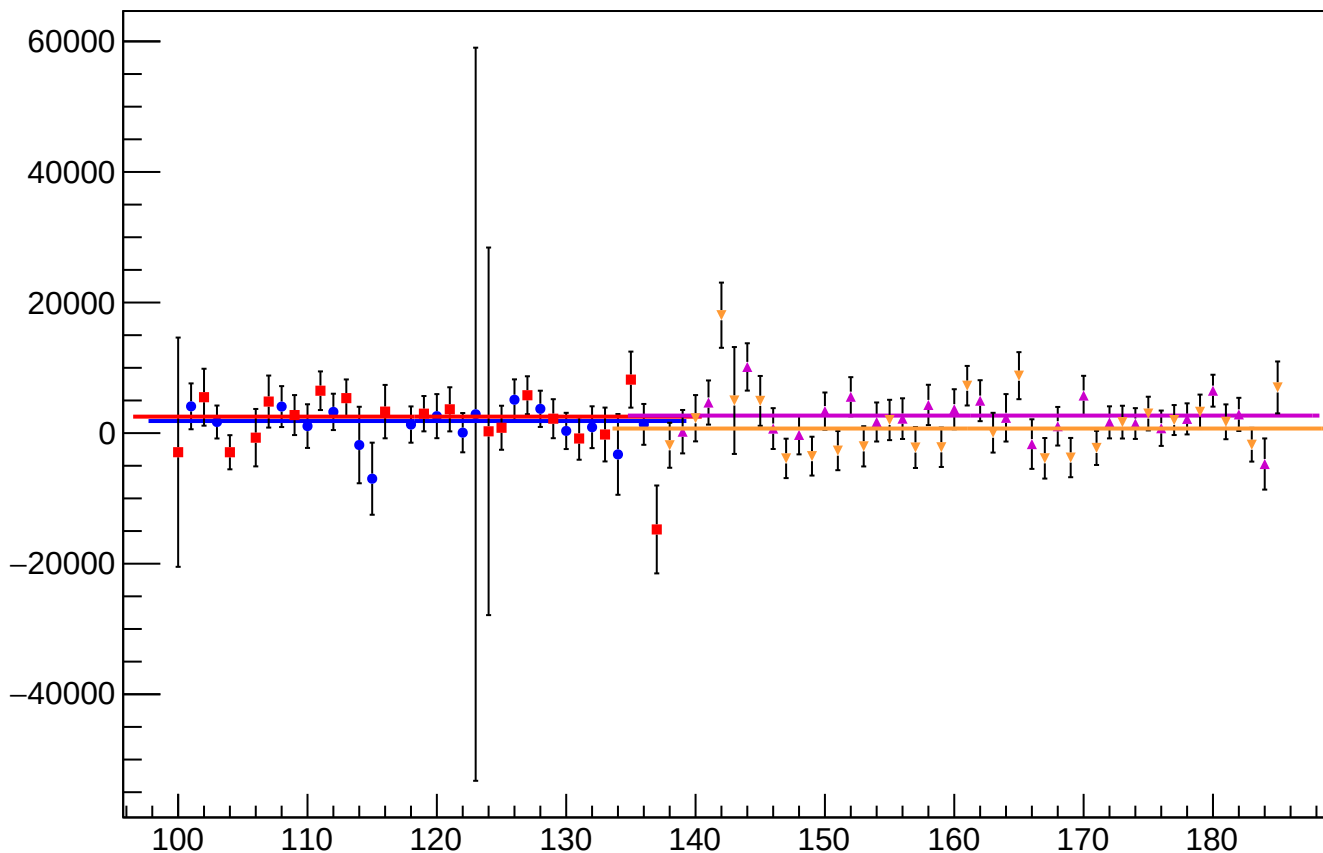
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2622.597+/-0.380 χ^2/NDF :898624.3/39

Out: 2653.749+/-0.377 χ^2/NDF :1430731.8/43

All: 2638.301+/-0.268 χ^2/NDF : 2332738.2/83

dit_asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 701.629+/-609.254 χ^2/NDF : 43.9/24

Right Out: 2523.303+/-818.432 χ^2/NDF : 20.1/18

Left In: 2684.095+/-614.666 χ^2/NDF : 18.2/22

Left: 1684.096+/-432.709 χ^2/NDF : 67.3/47

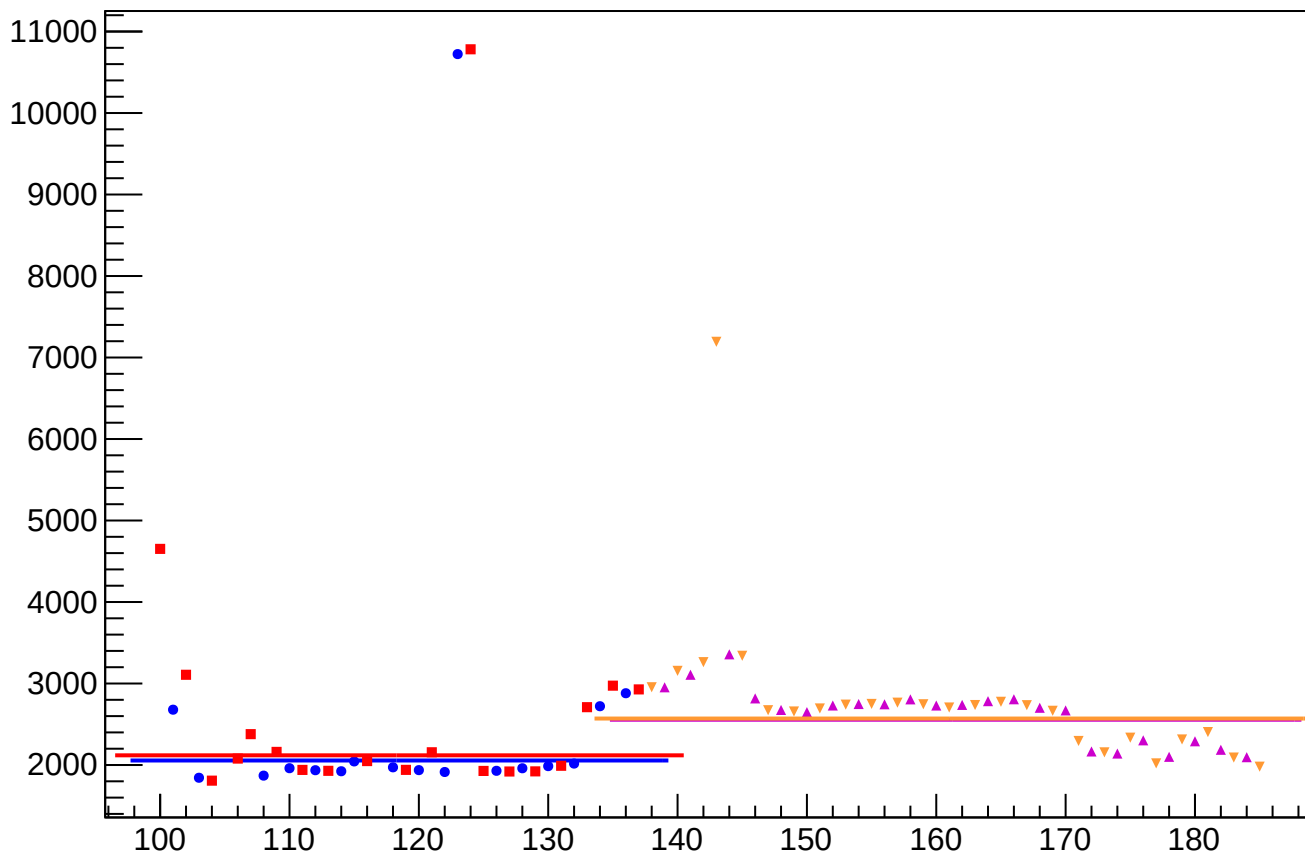
Right: 2181.863+/-574.547 χ^2/NDF : 27.7/35

In: 2377.781+/-488.927 χ^2/NDF : 26.2/39

Out: 1351.173+/-488.710 χ^2/NDF : 67.2/43

All: 1864.248+/-345.647 χ^2/NDF : 95.5/83

dit_asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 2570.156+/-0.431 χ^2/NDF :1243284.2/24

Right Out: 2118.803+/-0.578 χ^2/NDF : 573725.8/18

Left In: 2555.439+/-0.435 χ^2/NDF :568401.2/22

Left: 2562.863+/-0.306 χ^2/NDF : 1812263.8/47

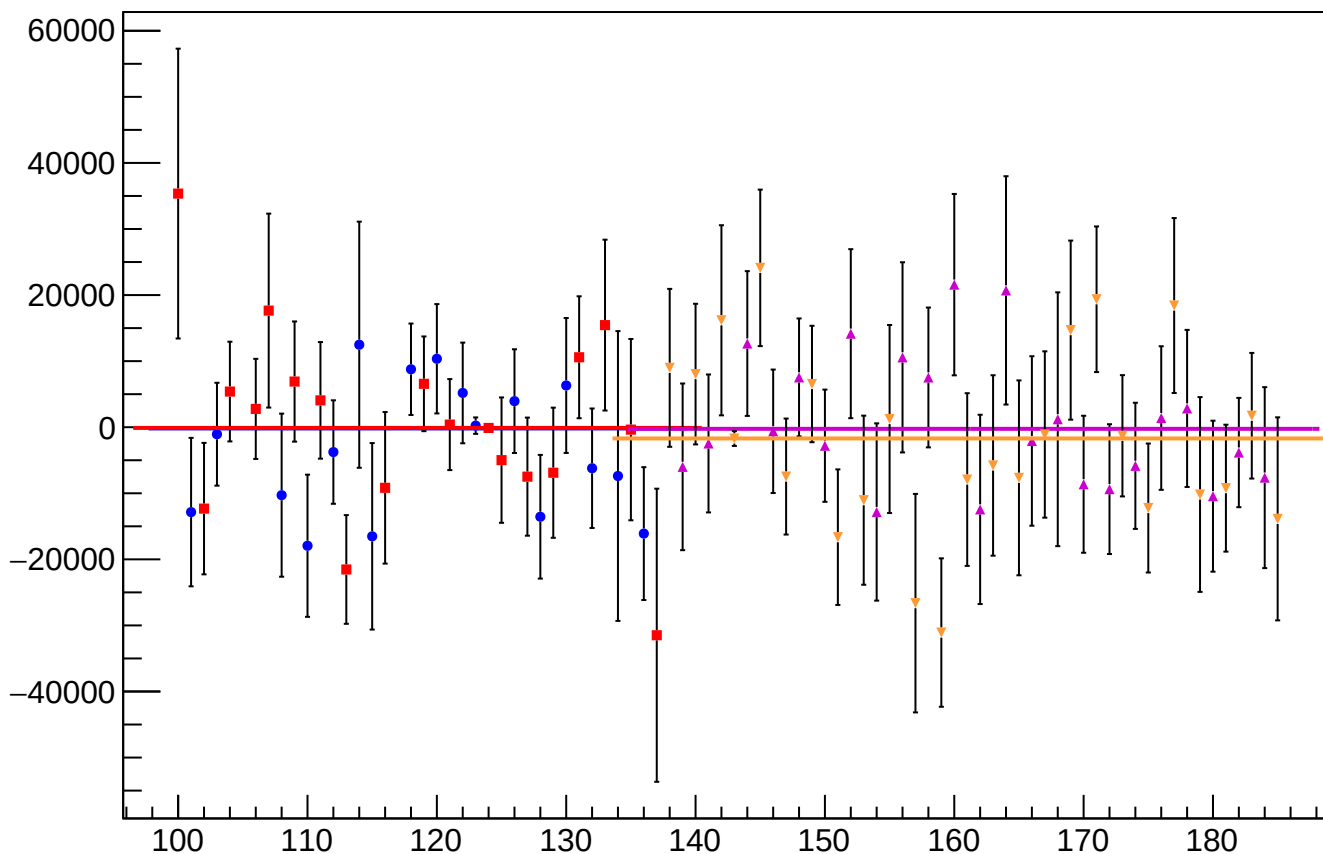
Right: 2086.718+/-0.406 χ^2/NDF : 896197.4/35

In: 2371.800+/-0.346 χ^2/NDF :1370831.5/39

Out: 2408.909+/-0.345 χ^2/NDF :2209149.6/43

All: 2390.373+/-0.244 χ^2/NDF : 3585747.4/83

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1700.787+/-1013.068 χ^2/NDF :31.8/24

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: -245.792+/-2336.154 χ^2/NDF :13.7/22

Left: -1470.484+/-929.439 χ^2/NDF : 45.9/47

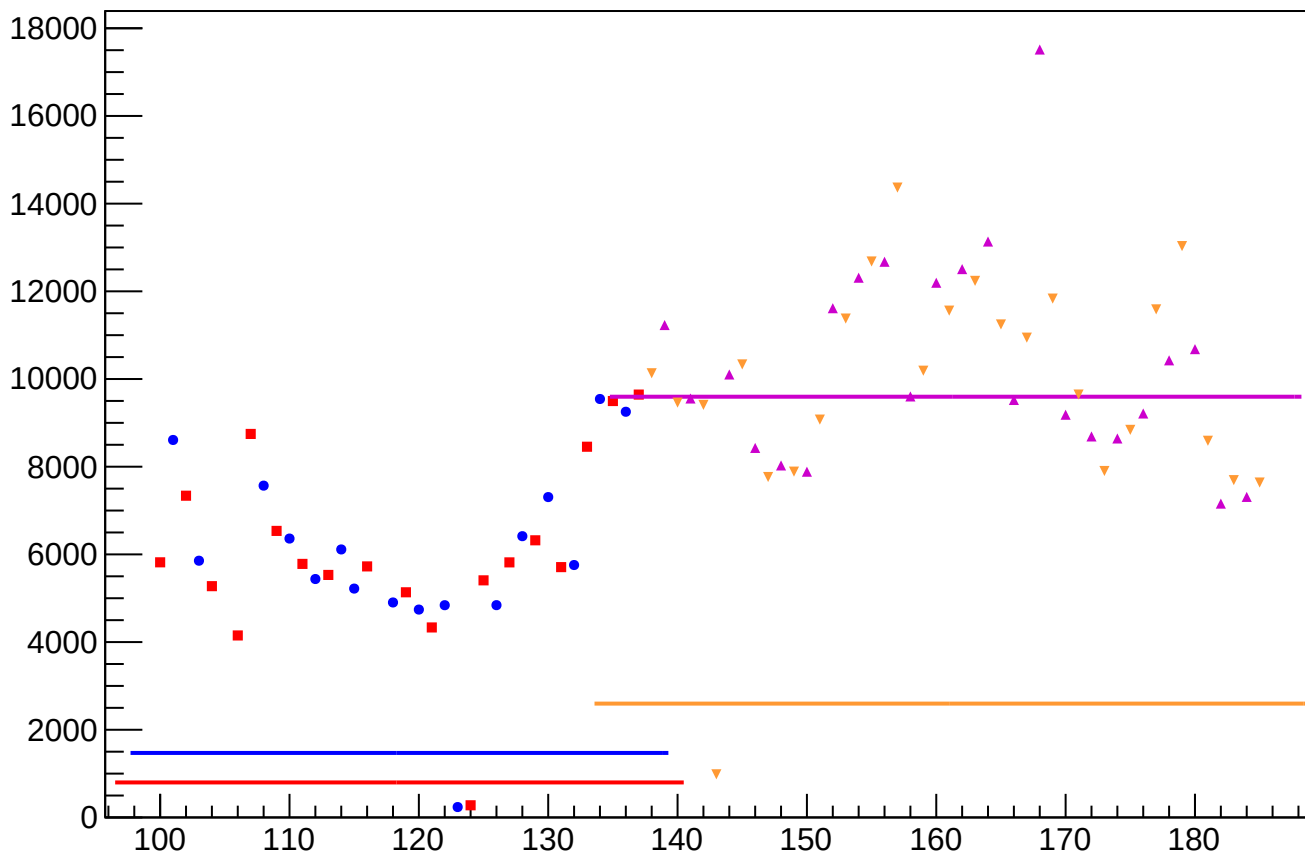
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -196.246+/-995.774 χ^2/NDF :30.1/39

Out: -612.513+/-570.647 χ^2/NDF :55.1/43

All: -509.604+/-495.110 χ^2/NDF : 85.3/83

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778 χ^2 /NDF: 9788255.4/16

Left Out: 2596.672 $\pm$ 0.716 χ^2 /NDF: 23378103.2/24

Right Out: 798.642 $\pm$ 0.488 χ^2 /NDF: 11527481.4/18

Left In: 9596.259 $\pm$ 1.652 χ^2 /NDF: 1313330.2/22

Left: 3704.600 $\pm$ 0.657 χ^2 /NDF: 39803957.5/47

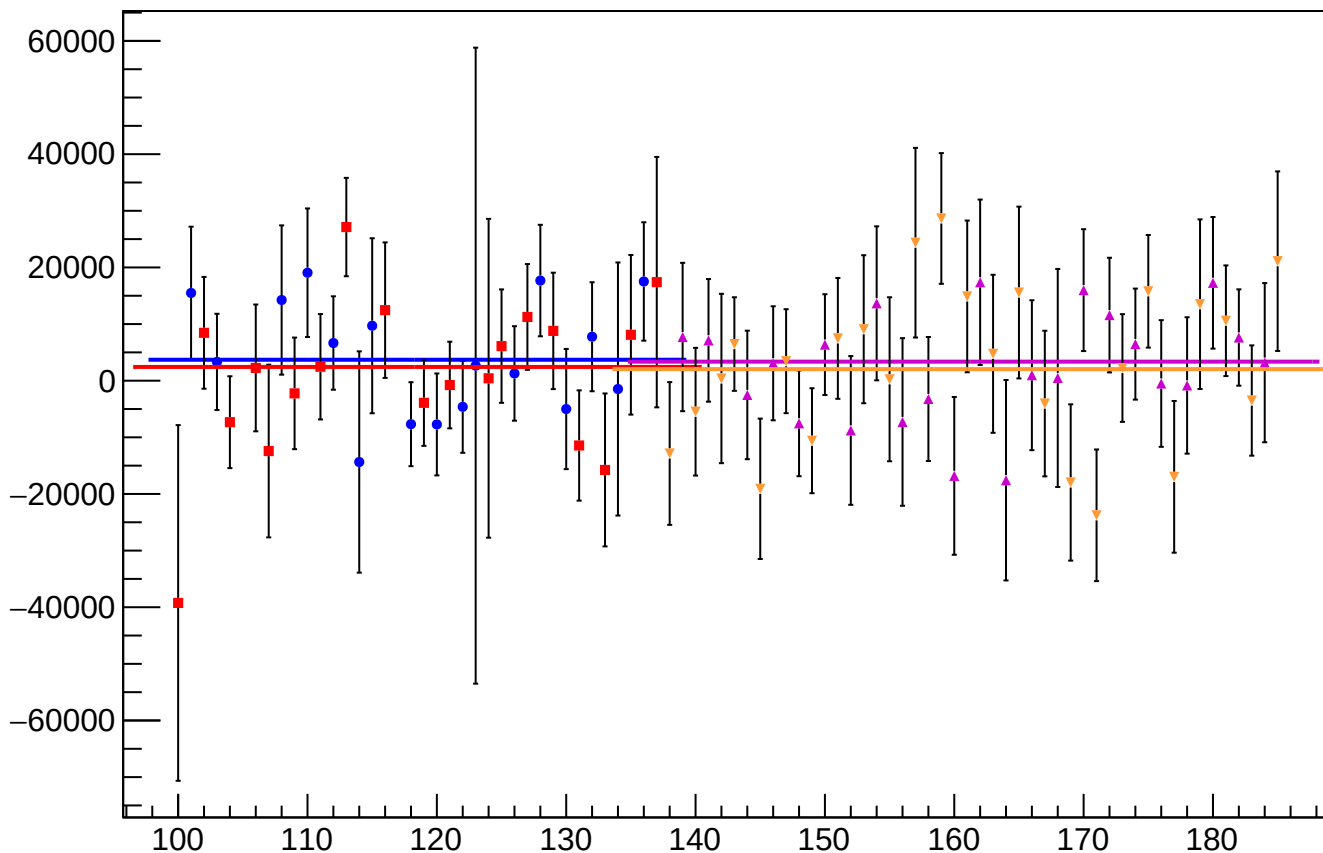
Right: 988.724 $\pm$ 0.414 χ^2 /NDF: 21852108.4/35

In: 2947.733 $\pm$ 0.704 χ^2 /NDF: 30896652.0/39

Out: 1369.141 $\pm$ 0.404 χ^2 /NDF: 39206712.7/43

All: 1759.399 $\pm$ 0.350 χ^2 /NDF: 73887068.2/80

asym_atl2_mean vs Slug, Sign Corrected



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

Left Out: 2046.224+/-2332.752 χ^2/NDF : 30.6/24

Right Out: 2430.229+/-2421.418 χ^2/NDF : 20.3/18

Left In: 3362.489+/-2413.842 χ^2/NDF : 12.8/22

Left: 2681.876+/-1677.440 χ^2/NDF : 43.6/47

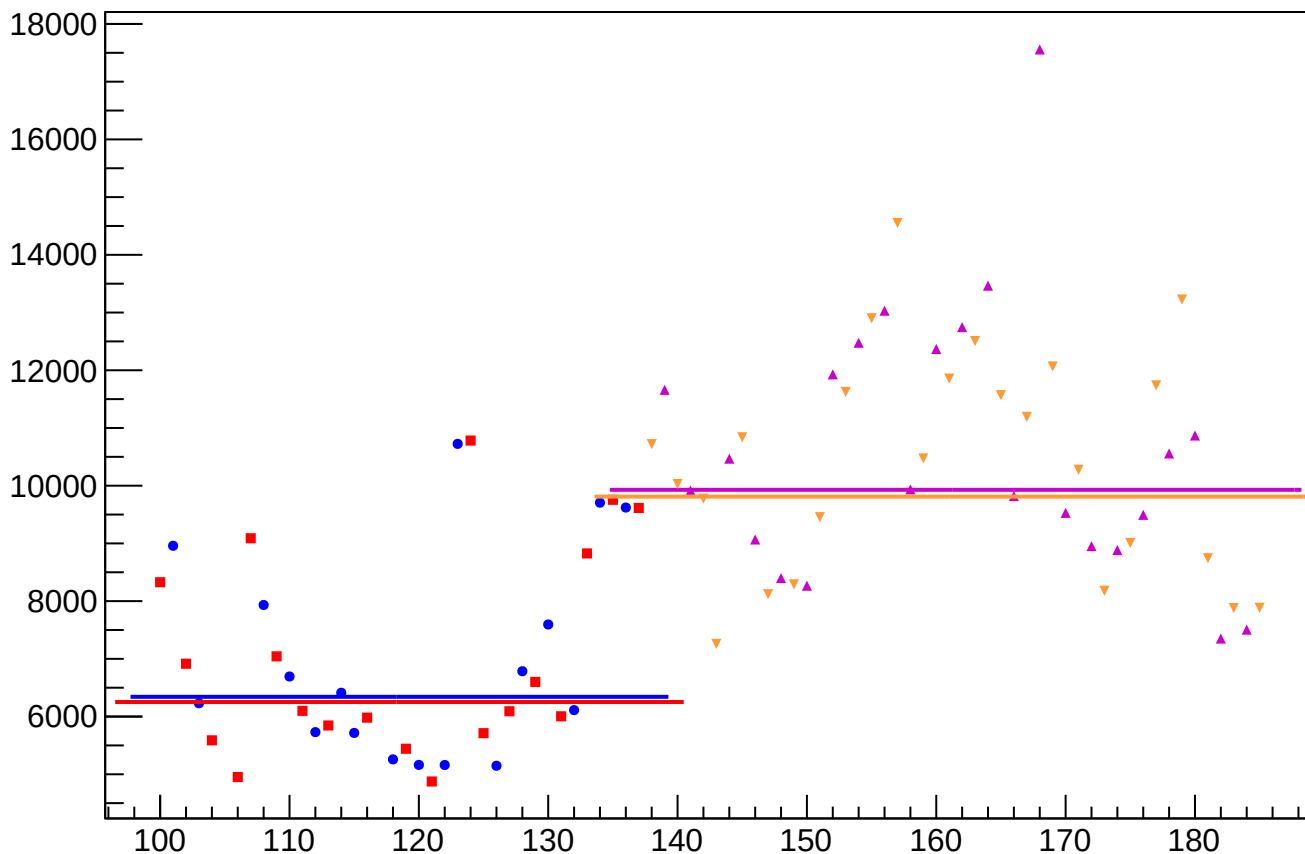
Right: 3039.559+/-1745.330 χ^2/NDF : 34.8/35

In: 3523.376+/-1742.486 χ^2/NDF : 27.2/39

Out: 2231.067+/-1679.976 χ^2/NDF : 51.0/43

All: 2853.626+/-1209.418 χ^2/NDF : 78.5/83

asym_atl2_rms vs Slug, Sign Corrected



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

Left Out: 9811.224+/-1.650 χ^2/NDF : 1213366.1/24

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 9928.662+/-1.707 χ^2/NDF : 1220804.9/22

Left: 9867.937+/-1.186 χ^2/NDF : 2436618.8/47

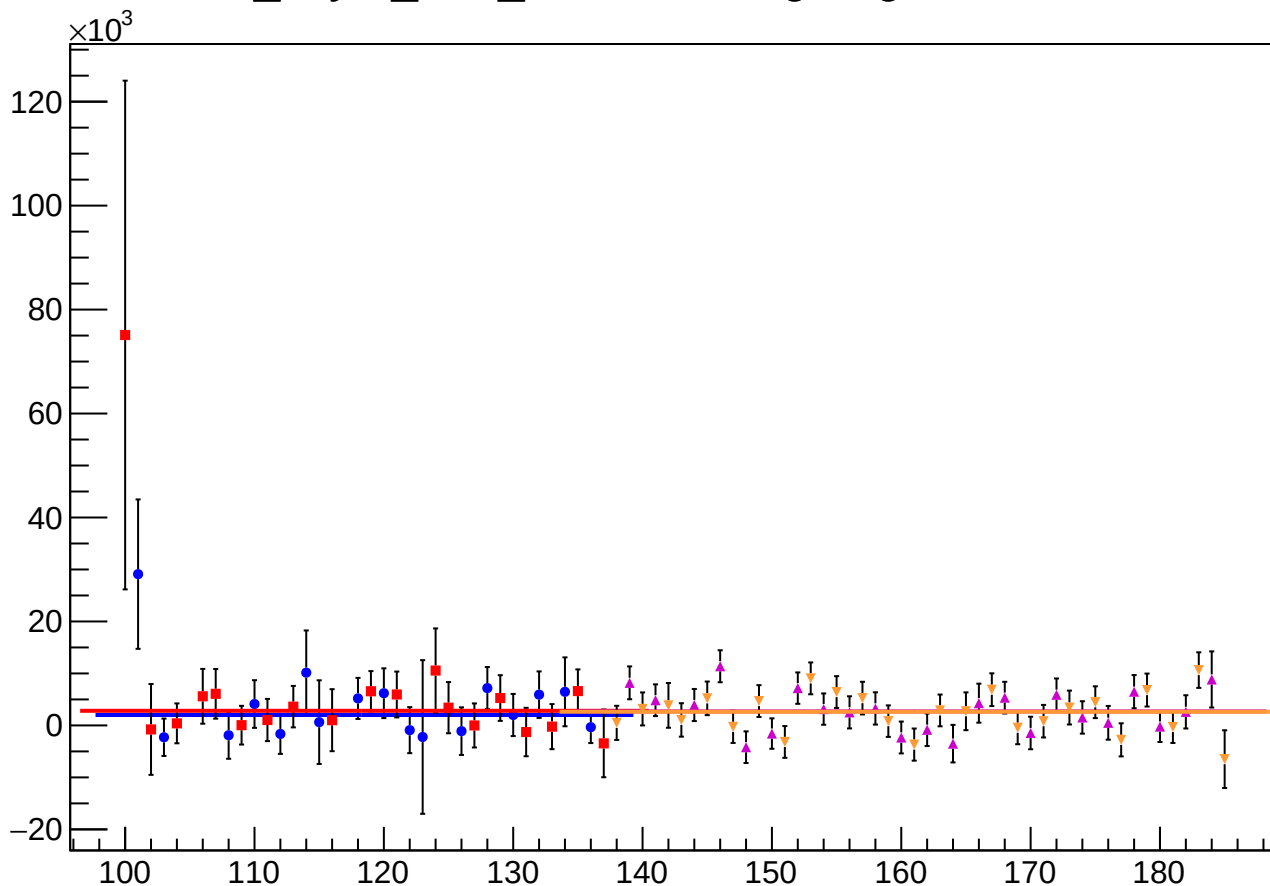
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8211.158+/-1.232 χ^2/NDF : 3928746.8/39

Out: 8097.953+/-1.188 χ^2/NDF : 3992478.7/43

All: 8152.487+/-0.855 χ^2/NDF : 7925600.5/83

dit_asym_atr1_mean vs Slug, Sign Corrected



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

Left Out: 2634.278 $\pm$ 646.389 χ^2 /NDF:34.8/24

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2701.503 $\pm$ 662.221 χ^2 /NDF:36.1/22

Left: 2667.077 $\pm$ 462.562 χ^2 /NDF: 70.8/47

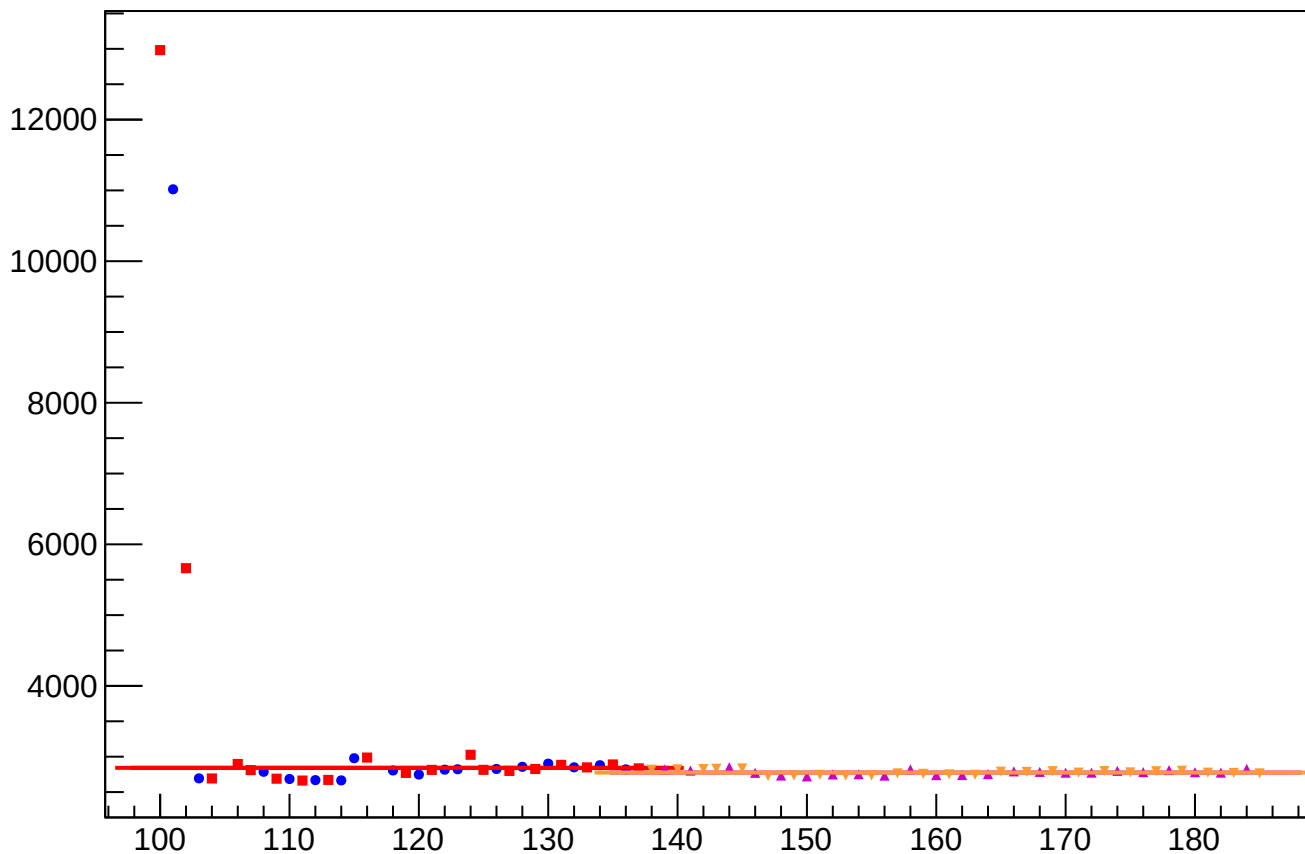
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2522.266 $\pm$ 570.746 χ^2 /NDF:50.0/39

Out: 2680.656 $\pm$ 555.519 χ^2 /NDF:45.3/43

All: 2603.602 $\pm$ 398.086 χ^2 /NDF: 95.4/83

dit_asym_atr1_rms vs Slug, Sign Corrected



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

Left Out: 2775.743+/-0.457 χ^2/NDF : 4892.5/24

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2776.013+/-0.468 χ^2/NDF : 5154.3/22

Left: 2775.874+/-0.327 χ^2/NDF : 10047.1/47

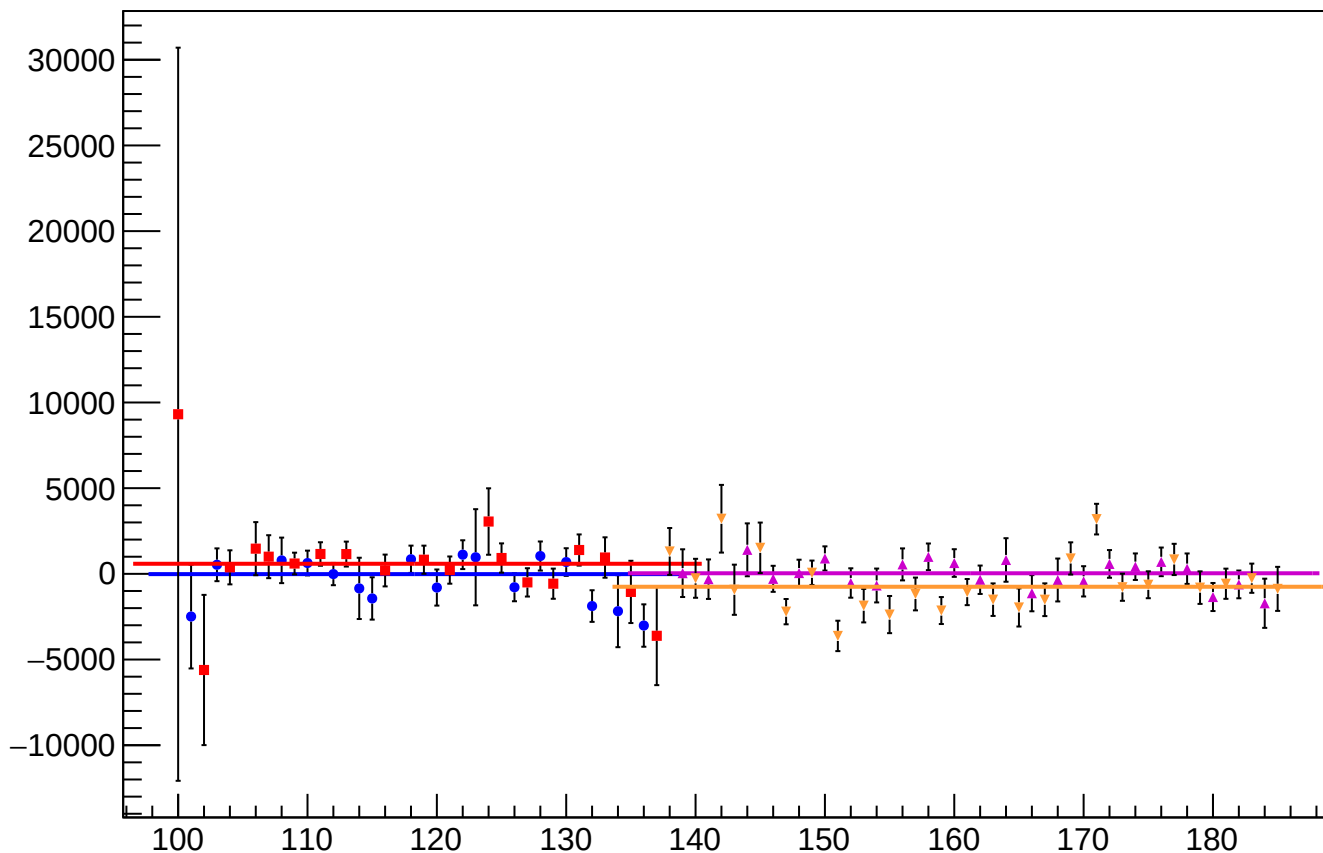
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2793.145+/-0.404 χ^2/NDF : 670664.5/39

Out: 2793.177+/-0.393 χ^2/NDF : 322794.5/43

All: 2793.162+/-0.281 χ^2/NDF : 993459.0/83

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -752.947 ± 188.669 χ^2/NDF : 60.0/24

Right Out: 588.581 ± 225.799 χ^2/NDF : 13.5/18

Left In: 34.290 ± 188.671 χ^2/NDF : 14.5/22

Left: -359.332 ± 133.410 χ^2/NDF : 83.2/47

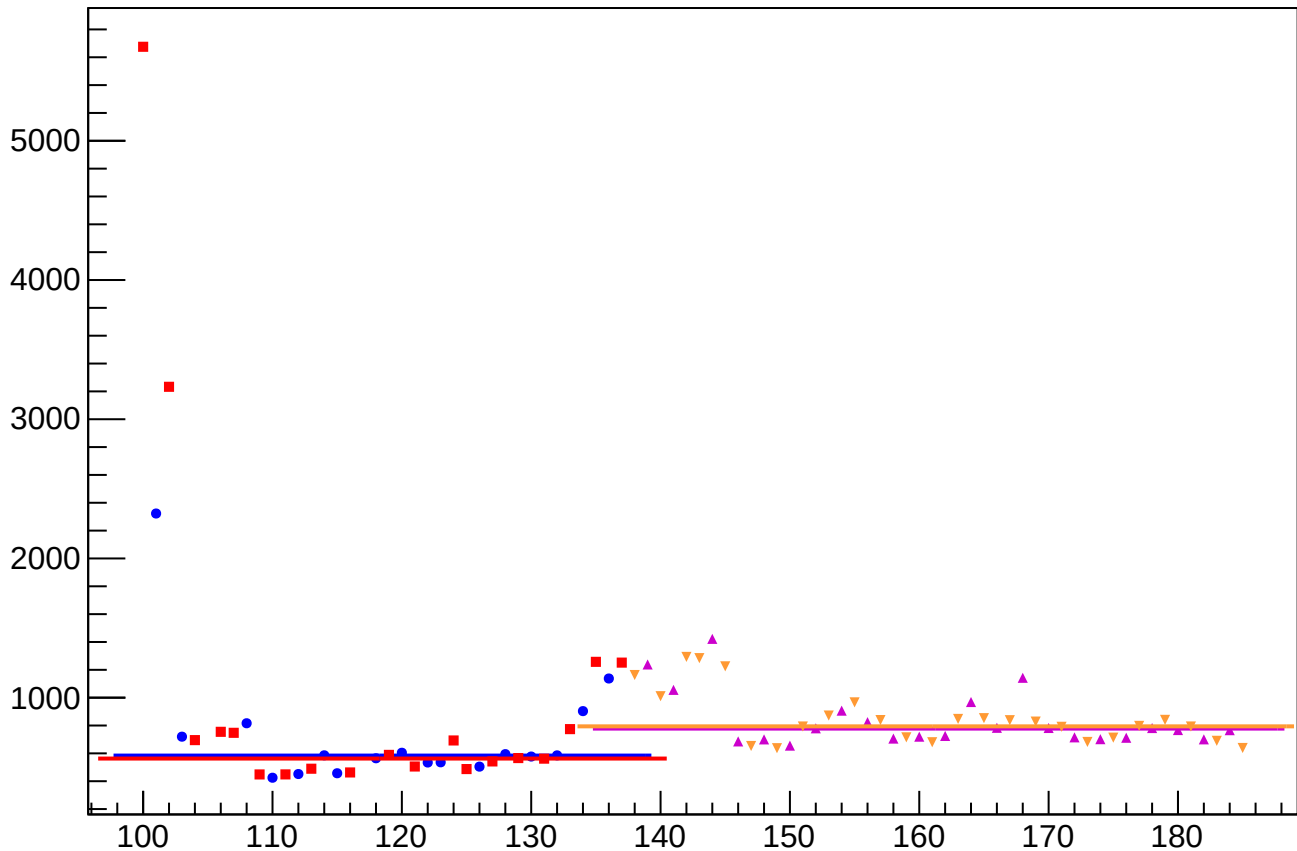
Right: 303.449 ± 164.088 χ^2/NDF : 38.5/35

In: 15.111 ± 148.056 χ^2/NDF : 36.1/39

Out: -201.405 ± 144.781 χ^2/NDF : 94.3/43

All: -95.568 ± 103.514 χ^2/NDF : 131.5/83

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 794.026+/-0.133 χ^2/NDF : 1187220.5/24

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 777.887+/-0.133 χ^2/NDF : 1145609.7/22

Left: 785.956+/-0.094 χ^2/NDF : 2340147.4/47

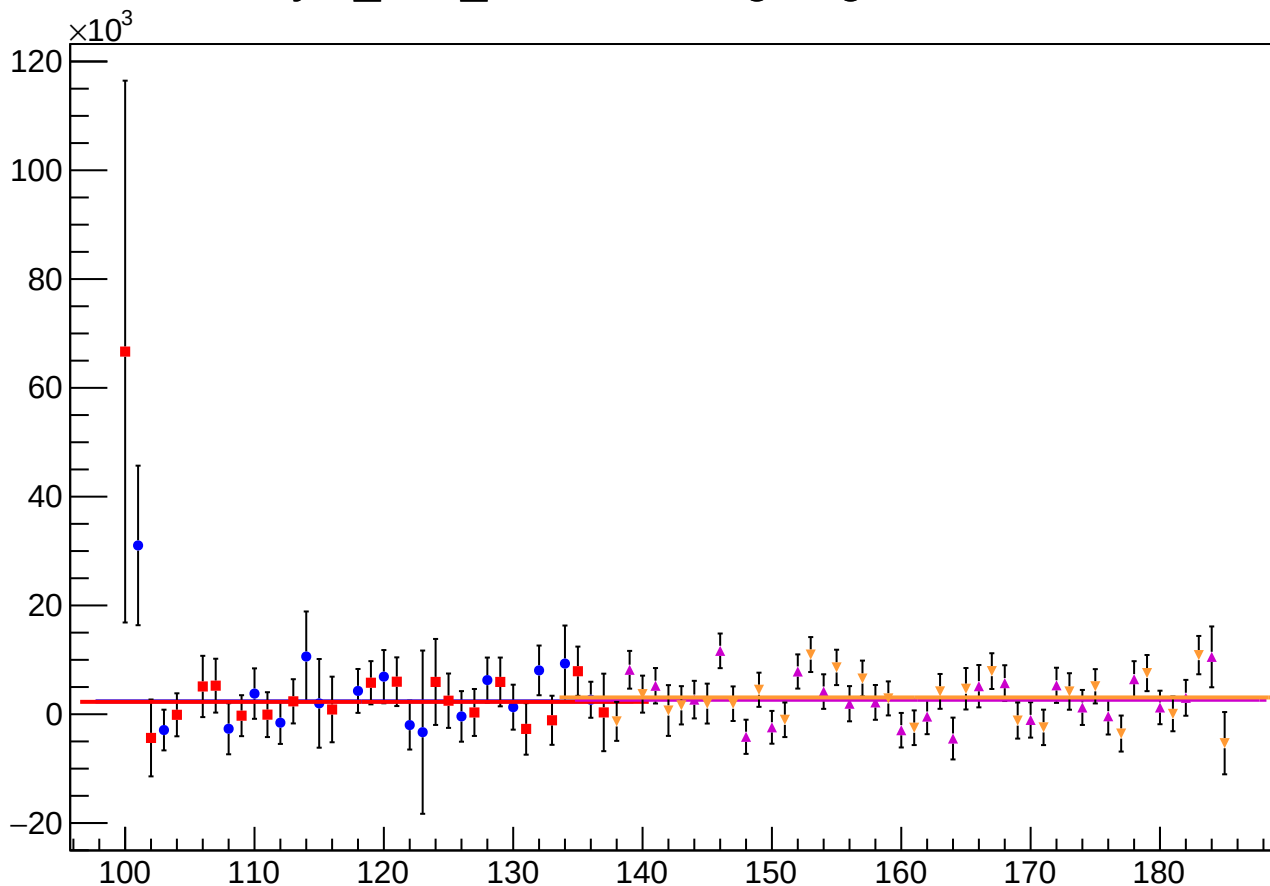
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 703.417+/-0.105 χ^2/NDF : 3393231.6/39

Out: 698.917+/-0.102 χ^2/NDF : 4062977.5/43

All: 701.117+/-0.073 χ^2/NDF : 7457153.3/83

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2 /NDF: 15.1/16

Left Out: 3086.267+/-678.282 χ^2 /NDF:38.4/24

Right Out: 2277.507+/-1111.658 χ^2 /NDF: 10.2/18

Left In: 2659.828+/-693.121 χ^2 /NDF:36.9/22

Left: 2877.661+/-484.779 χ^2 /NDF: 75.5/47

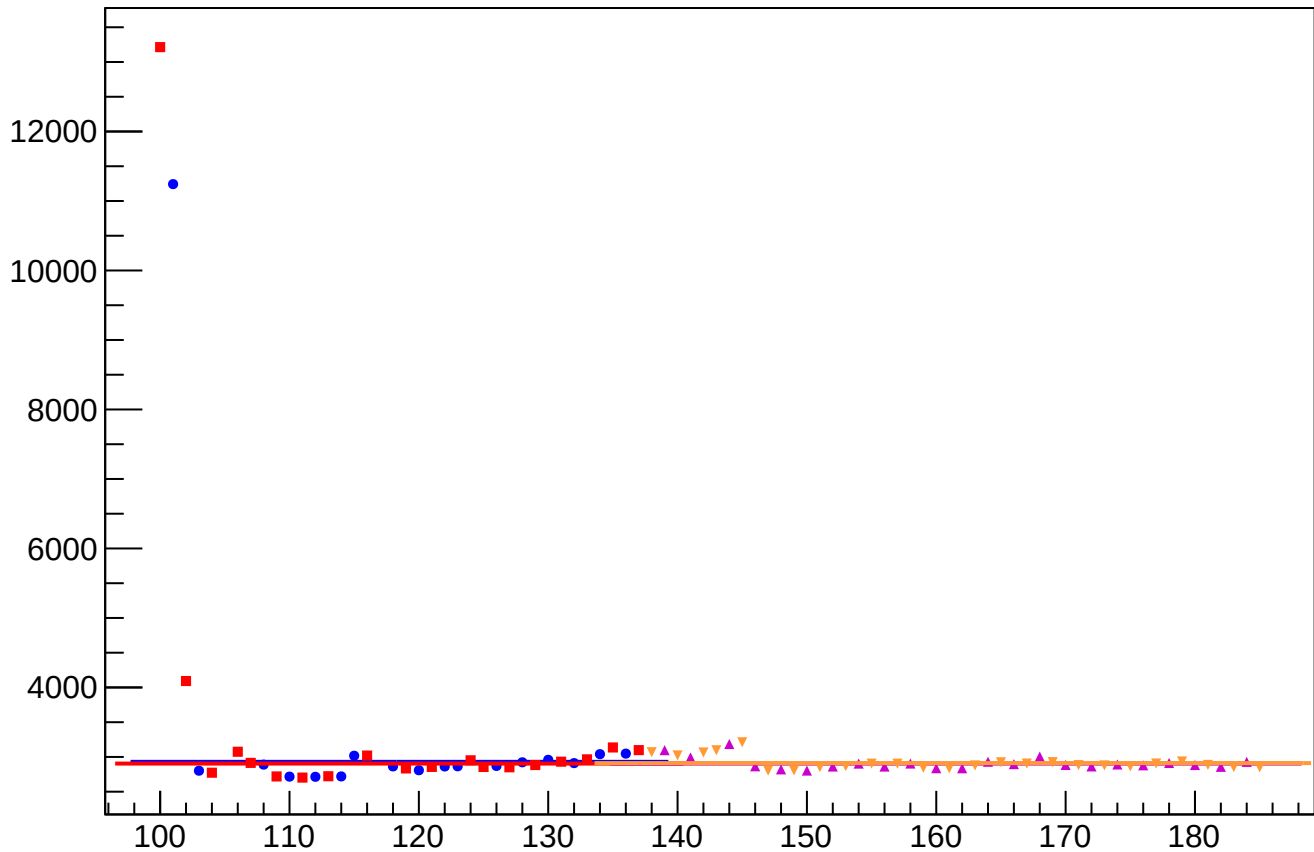
Right: 2318.341+/-802.588 χ^2 /NDF: 25.3/35

In: 2581.675+/-594.989 χ^2 /NDF:52.0/39

Out: 2866.858+/-579.012 χ^2 /NDF:49.0/43

All: 2728.147+/-414.957 χ^2 /NDF: 101.2/83

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2911.191+/-0.480 χ^2/NDF : 36646.9/24

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2904.499+/-0.490 χ^2/NDF : 30423.1/22

Left: 2907.917+/-0.343 χ^2/NDF : 67165.2/47

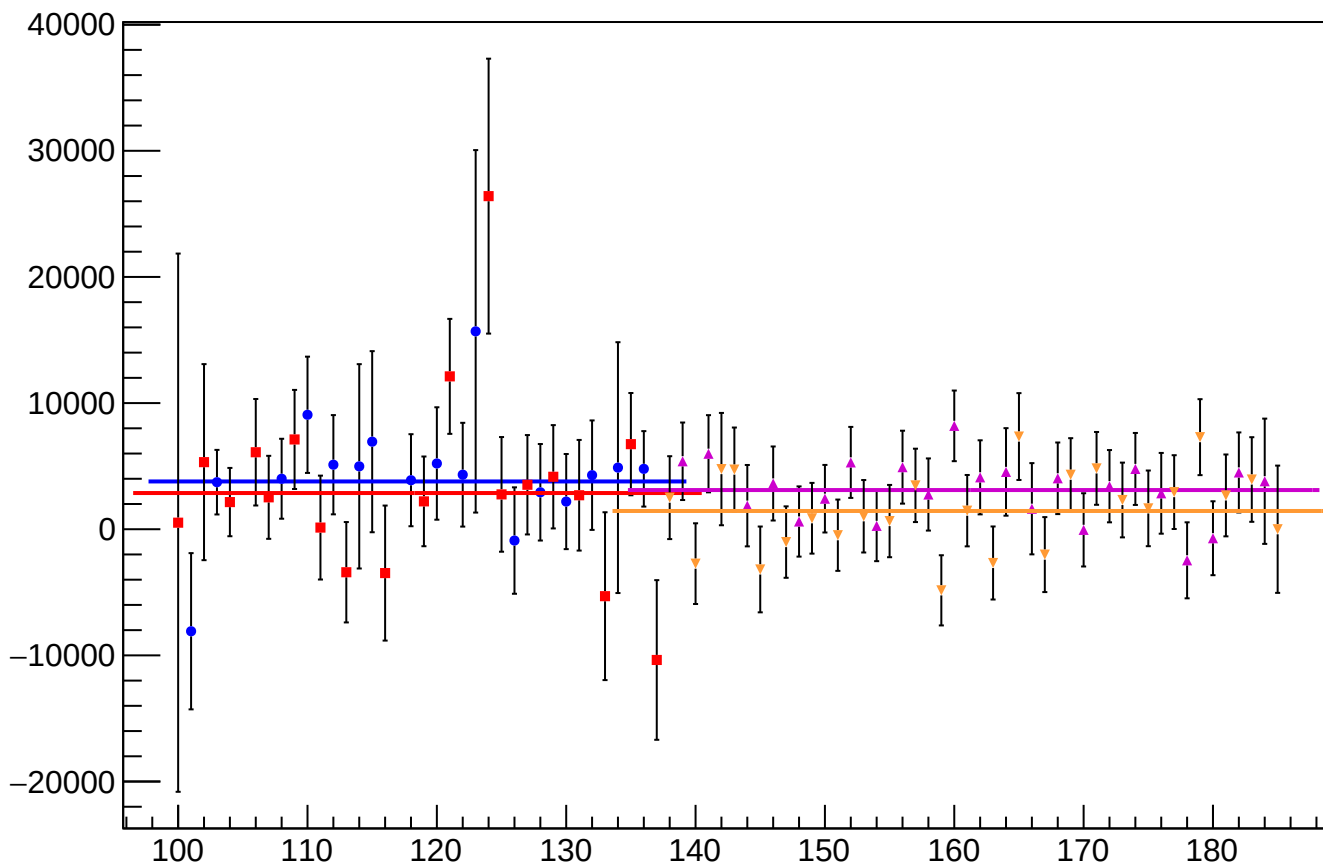
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2911.117+/-0.421 χ^2/NDF : 693745.2/39

Out: 2909.395+/-0.409 χ^2/NDF : 205987.2/43

All: 2910.233+/-0.293 χ^2/NDF : 899741.1/83

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 1446.628+/-615.319 χ^2/NDF : 25.7/24

Right Out: 2869.484+/-1002.967 χ^2/NDF : 22.0/18

Left In: 3105.866+/-626.946 χ^2/NDF : 15.3/22

Left: 2260.718+/-439.150 χ^2/NDF : 44.6/47

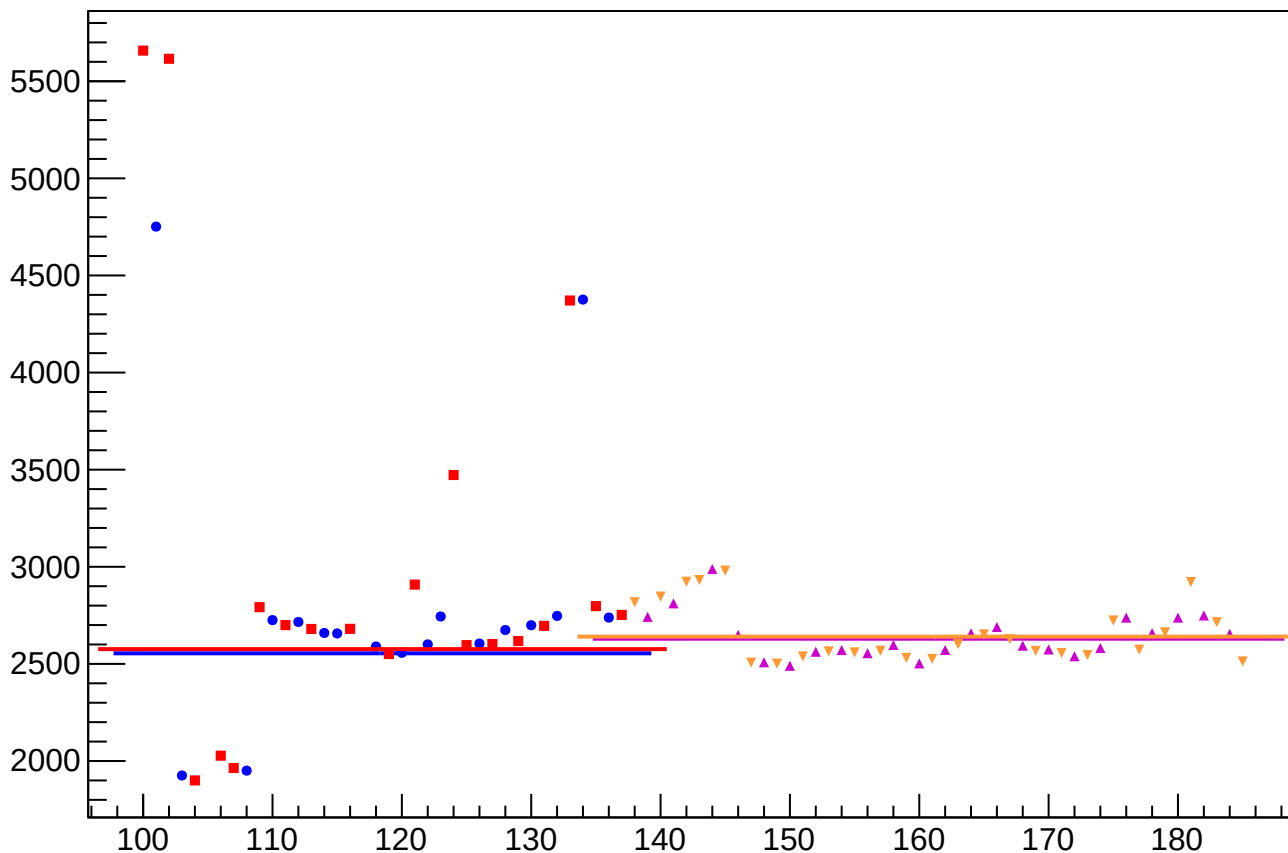
Right: 3326.309+/-711.019 χ^2/NDF : 30.2/35

In: 3296.063+/-532.391 χ^2/NDF : 23.3/39

Out: 1835.718+/-524.483 χ^2/NDF : 49.2/43

All: 2554.964+/-373.630 χ^2/NDF : 76.4/83

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2640.541 $\pm$ 0.435 χ^2 /NDF:105482.0/24

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2629.589 $\pm$ 0.443 χ^2 /NDF:64727.7/22

Left: 2635.167 $\pm$ 0.311 χ^2 /NDF: 170520.7/47

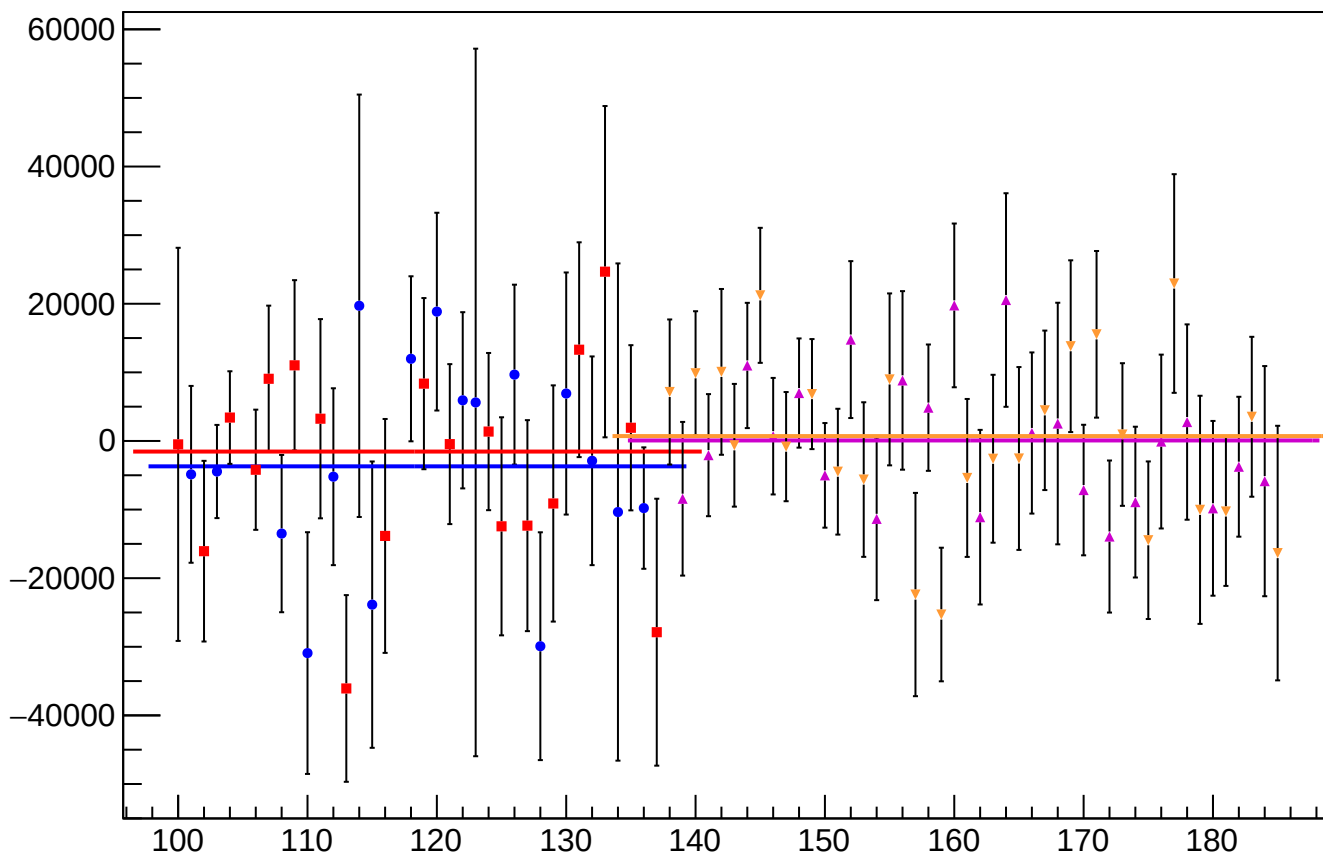
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2608.657 $\pm$ 0.376 χ^2 /NDF:609347.0/39

Out: 2622.903 $\pm$ 0.371 χ^2 /NDF:876645.0/43

All: 2615.887 $\pm$ 0.264 χ^2 /NDF: 1486718.8/83

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 711.619 $\pm$ 2197.897 χ^2/NDF : 26.8/24

Right Out: -1544.858 $\pm$ 2896.847 χ^2/NDF : 16.8/18

Left In: 74.778 $\pm$ 2249.033 χ^2/NDF : 15.6/22

Left: 400.521 $\pm$ 1571.915 χ^2/NDF : 42.4/47

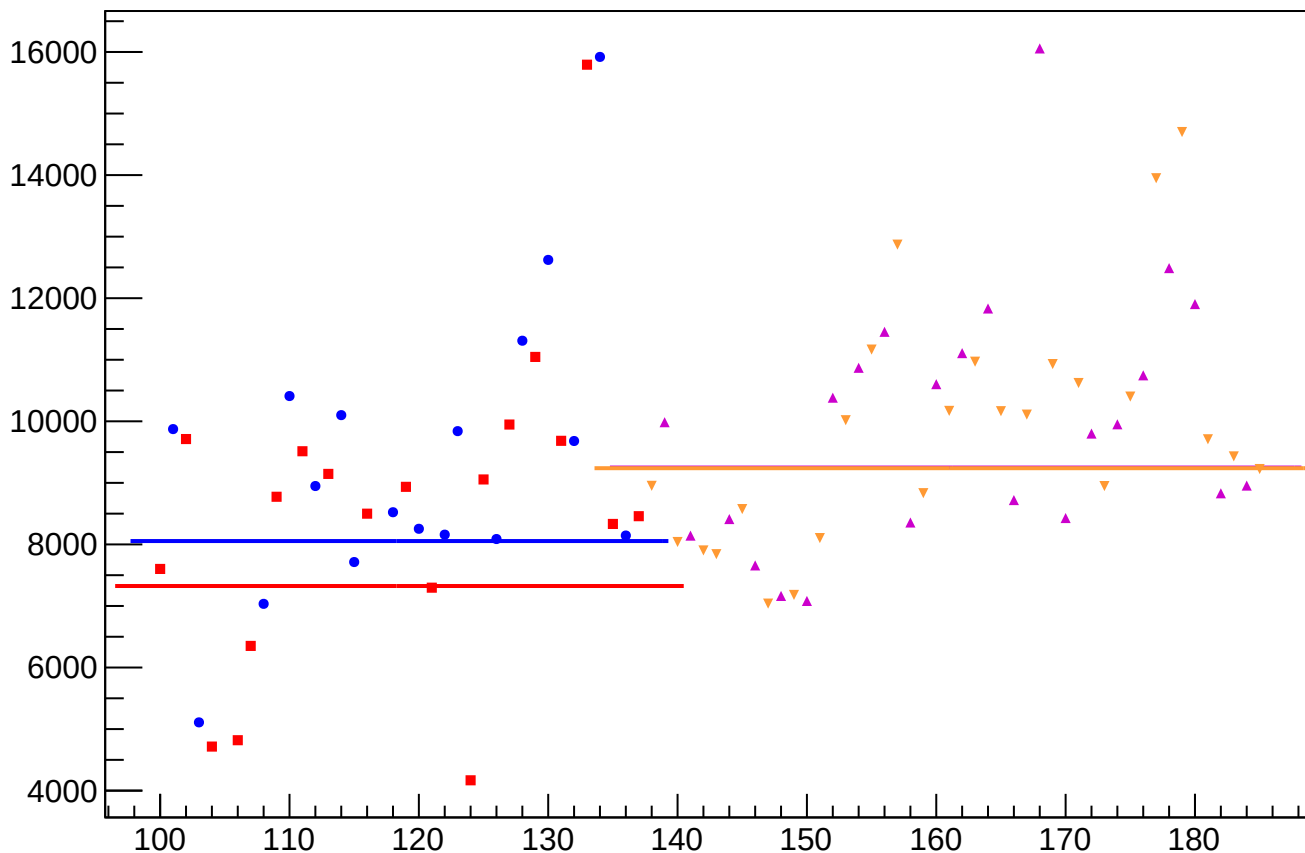
Right: -2509.390 $\pm$ 2152.947 χ^2/NDF : 30.8/35

In: -1163.877 $\pm$ 1843.410 χ^2/NDF : 30.3/39

Out: -112.771 $\pm$ 1750.962 χ^2/NDF : 43.9/43

All: -611.307 $\pm$ 1269.542 χ^2/NDF : 74.4/83

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9238.152 $\pm$ 1.554 χ^2 /NDF:1168175.6/24

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9248.938 $\pm$ 1.590 χ^2 /NDF:1235940.4/22

Left: 9243.421 $\pm$ 1.112 χ^2 /NDF: 2404139.5/47

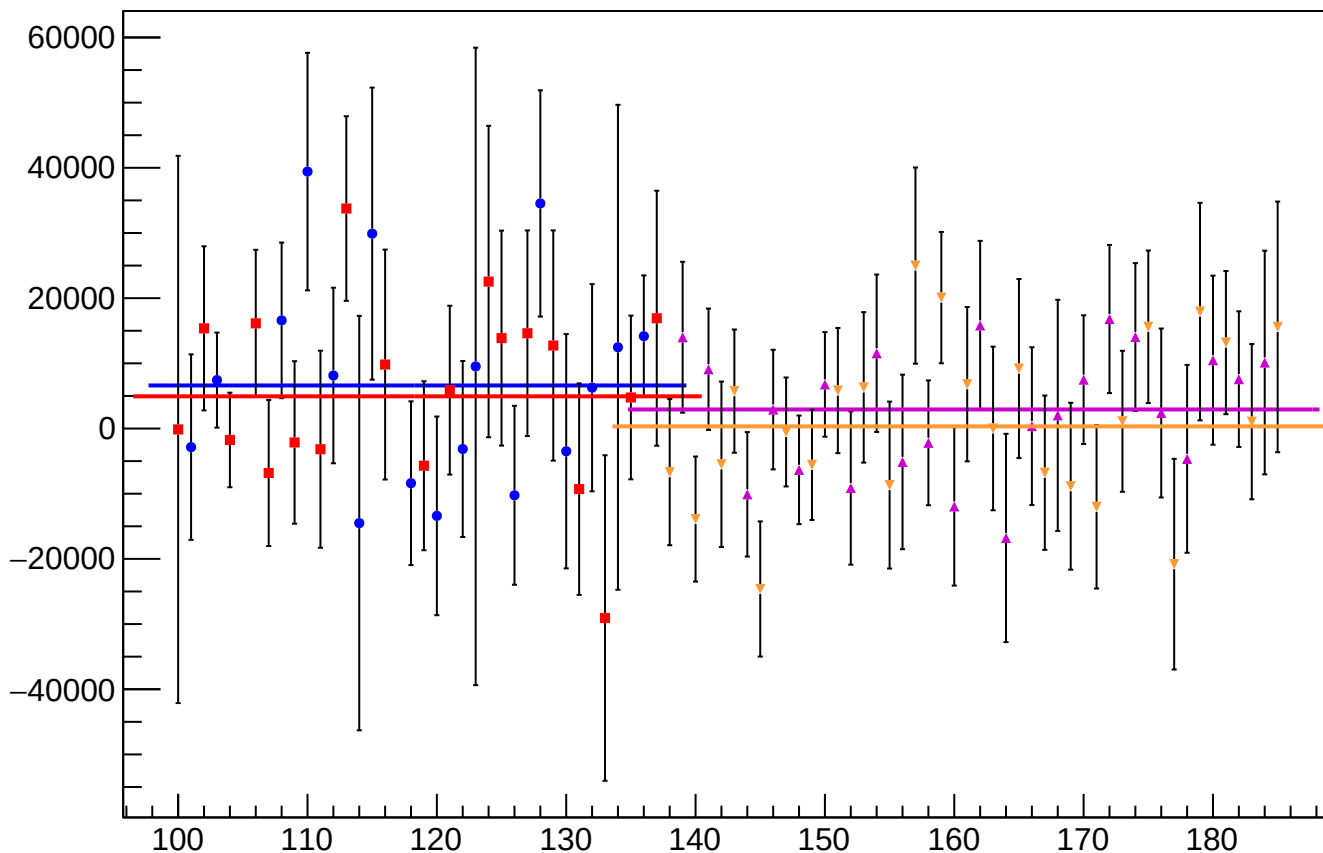
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8857.035 $\pm$ 1.303 χ^2 /NDF:2241750.5/39

Out: 8538.934 $\pm$ 1.238 χ^2 /NDF:3058356.6/43

All: 8689.808 $\pm$ 0.898 χ^2 /NDF: 5331415.2/83

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 331.064+/-2280.867 χ^2/NDF : 26.1/24

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2925.533+/-2330.587 χ^2/NDF : 14.6/22

Left: 1600.329+/-1630.111 χ^2/NDF : 41.4/47

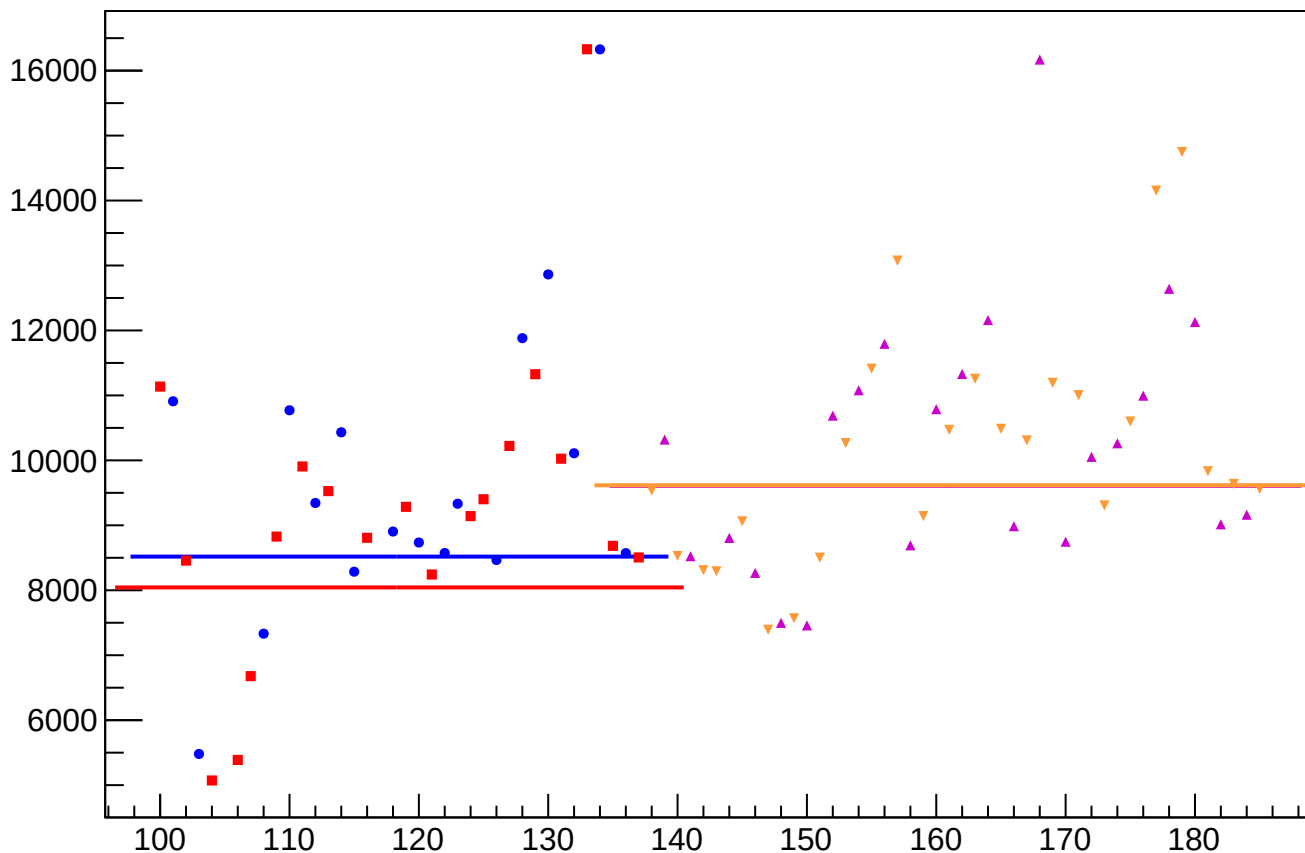
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4104.425+/-1921.576 χ^2/NDF : 30.1/39

Out: 1904.217+/-1850.989 χ^2/NDF : 41.1/43

All: 2963.168+/-1333.103 χ^2/NDF : 71.9/83

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.026+/-1.613 χ^2/NDF : 1011216.5/24

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9607.553+/-1.648 χ^2/NDF : 1085465.7/22

Left: 9611.881+/-1.153 χ^2/NDF : 2096695.7/47

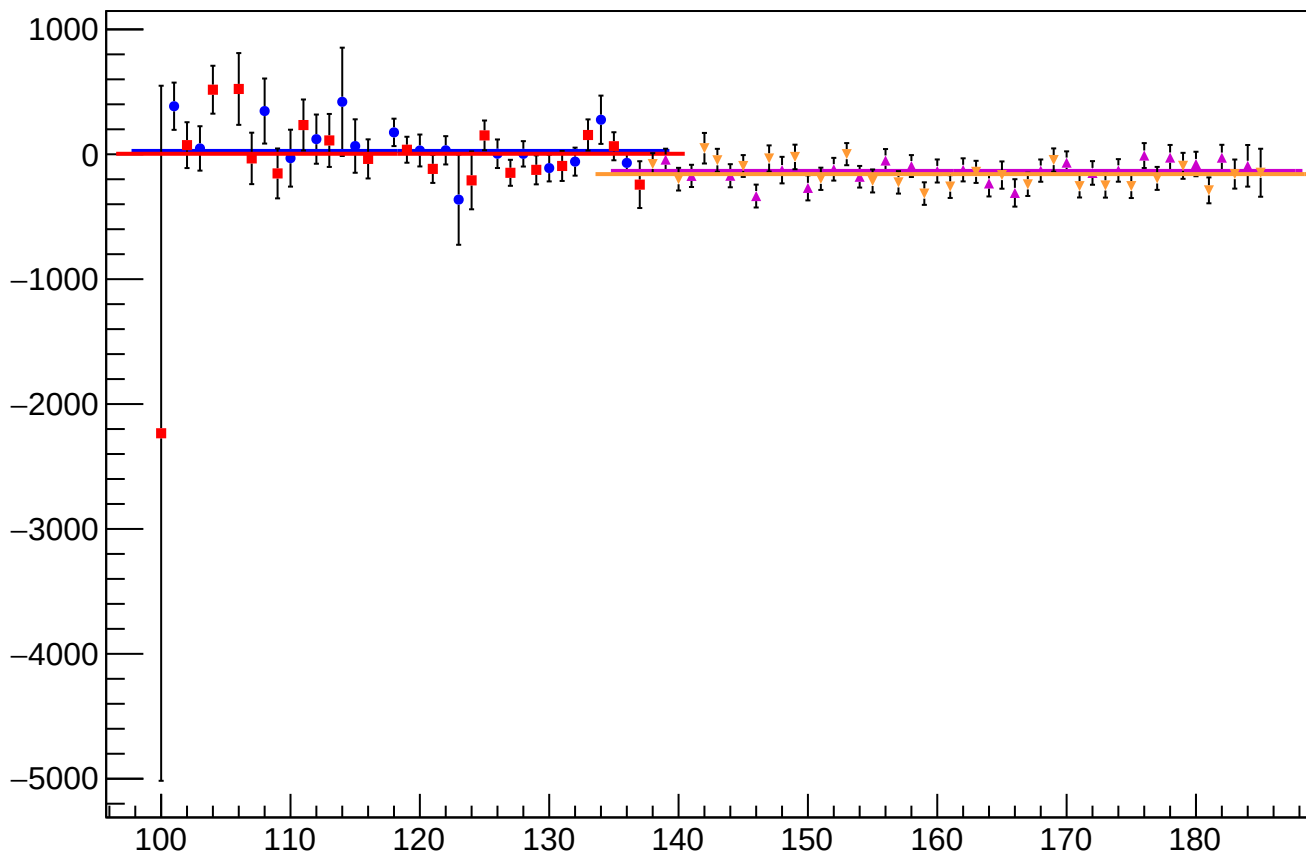
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9258.772+/-1.359 χ^2/NDF : 1997352.7/39

Out: 9079.194+/-1.309 χ^2/NDF : 2289275.6/43

All: 9165.623+/-0.943 χ^2/NDF : 4295688.6/83

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -158.750 ± 19.297 χ^2/NDF : 25.2/24

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -133.271 ± 19.968 χ^2/NDF : 17.6/22

Left: -146.446 ± 13.876 χ^2/NDF : 43.7/47

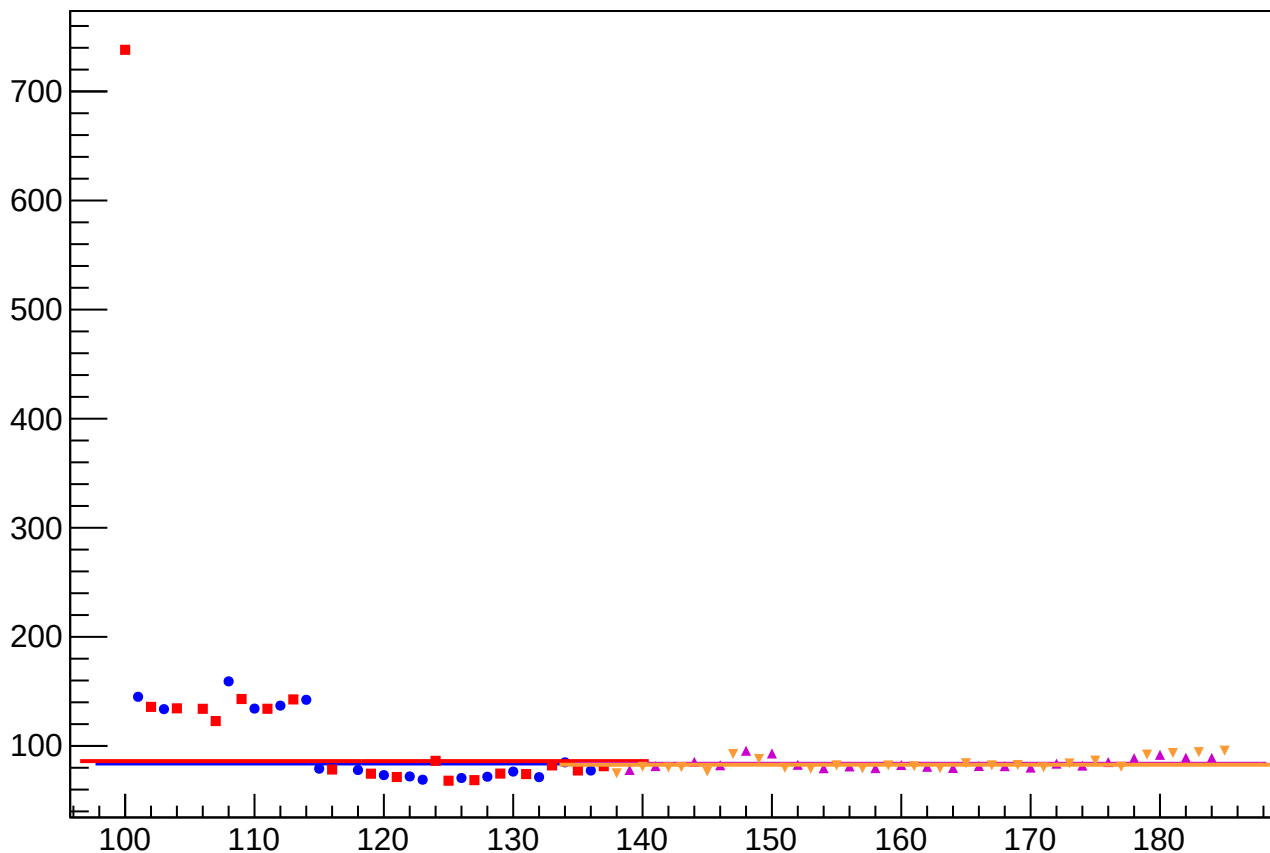
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -91.563 ± 17.169 χ^2/NDF : 48.9/39

Out: -118.810 ± 16.763 χ^2/NDF : 67.3/43

All: -105.512 ± 11.994 χ^2/NDF : 117.4/83

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.793 $\pm$ 0.014 χ^2 /NDF:135814.4/24

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.657 $\pm$ 0.014 χ^2 /NDF:101606.4/22

Left: 83.210 $\pm$ 0.010 χ^2 /NDF: 239354.5/47

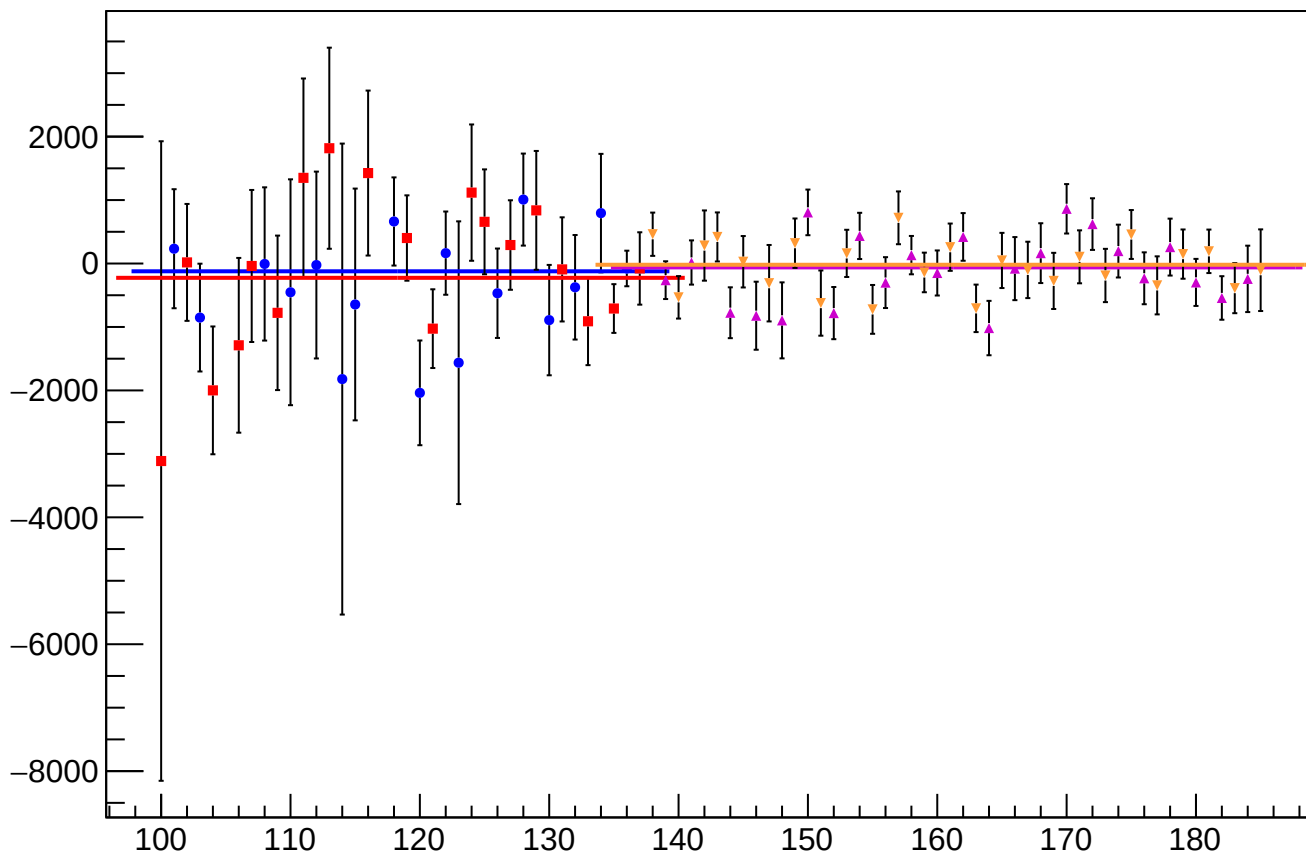
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.736 $\pm$ 0.012 χ^2 /NDF:1061980.7/39

Out: 83.607 $\pm$ 0.012 χ^2 /NDF:1286526.8/43

All: 83.670 $\pm$ 0.008 χ^2 /NDF: 2348565.4/83

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: -19.602+/-80.728 χ^2/NDF :23.3/24

Right Out: -225.420+/-184.973 χ^2/NDF : 18.3/18

Left In: -61.389+/-82.151 χ^2/NDF :38.0/22

Left: -40.130+/-57.580 χ^2/NDF : 61.4/47

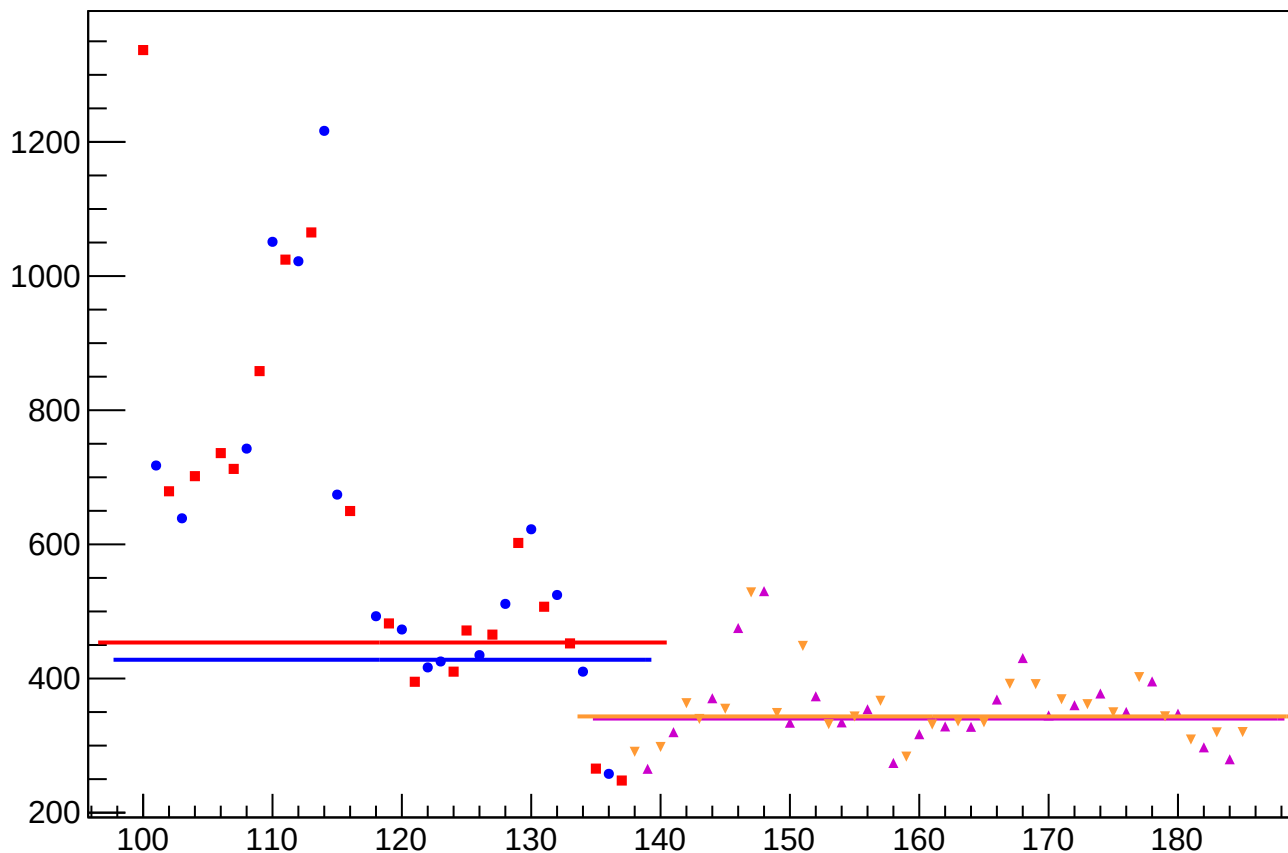
Right: -172.394+/-128.849 χ^2/NDF : 31.5/35

In: -71.948+/-74.706 χ^2/NDF :51.2/39

Out: -52.532+/-73.989 χ^2/NDF :42.6/43

All: -62.146+/-52.570 χ^2/NDF : 93.9/83

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 343.495 $\pm$ 0.057 χ^2 /NDF: 569523.0/24

Right Out: 453.699 $\pm$ 0.131 χ^2 /NDF: 2134547.2/18

Left In: 340.311 $\pm$ 0.058 χ^2 /NDF: 789089.8/22

Left: 341.931 $\pm$ 0.041 χ^2 /NDF: 1360141.1/47

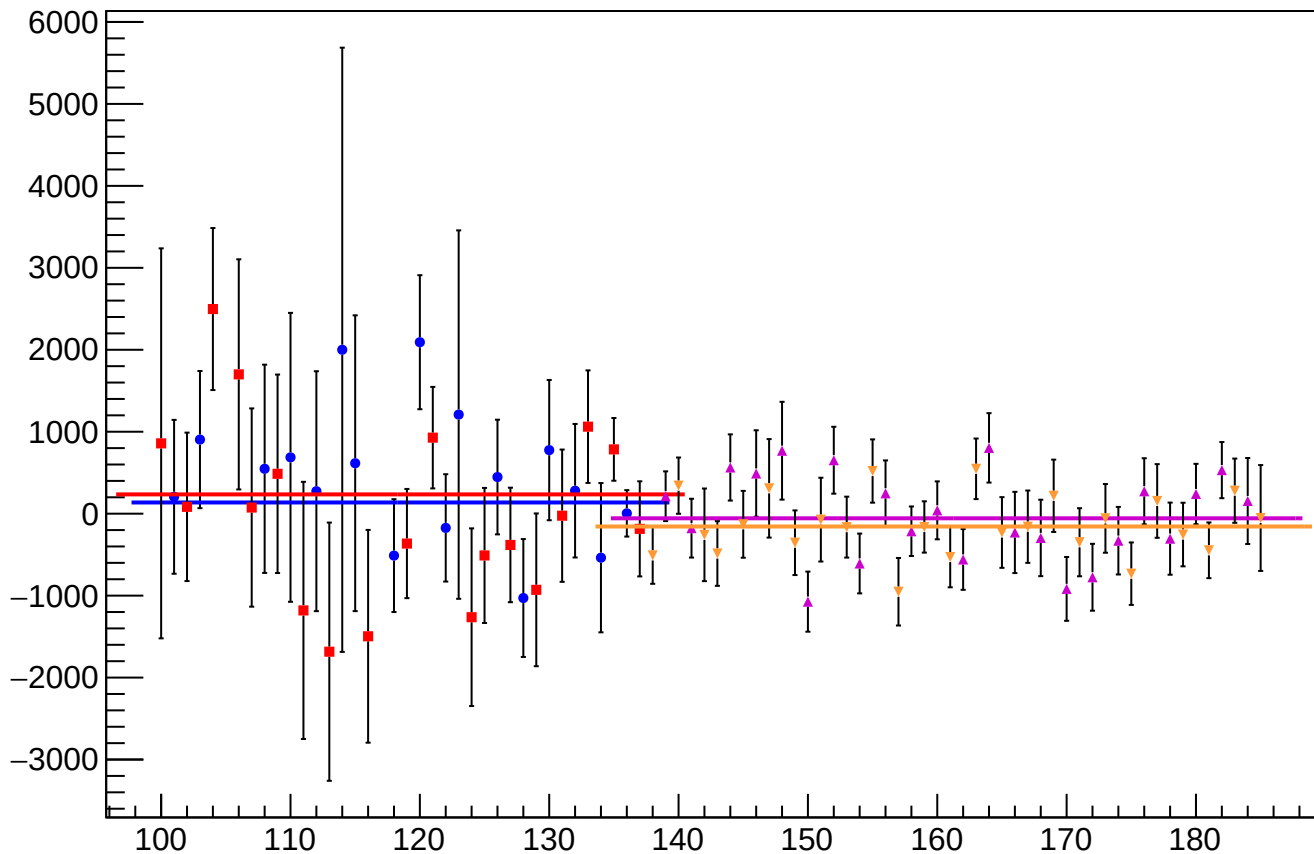
Right: 440.462 $\pm$ 0.091 χ^2 /NDF: 4216688.0/35

In: 355.483 $\pm$ 0.053 χ^2 /NDF: 3245524.4/39

Out: 361.127 $\pm$ 0.052 χ^2 /NDF: 3300397.4/43

All: 358.333 $\pm$ 0.037 χ^2 /NDF: 6551685.5/83

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -156.381 $\pm$ 80.778 χ^2 /NDF:22.0/24

Right Out: 235.334 $\pm$ 184.025 χ^2 /NDF: 21.8/18

Left In: -56.402 $\pm$ 82.155 χ^2 /NDF:39.7/22

Left: -107.236 $\pm$ 57.599 χ^2 /NDF: 62.5/47

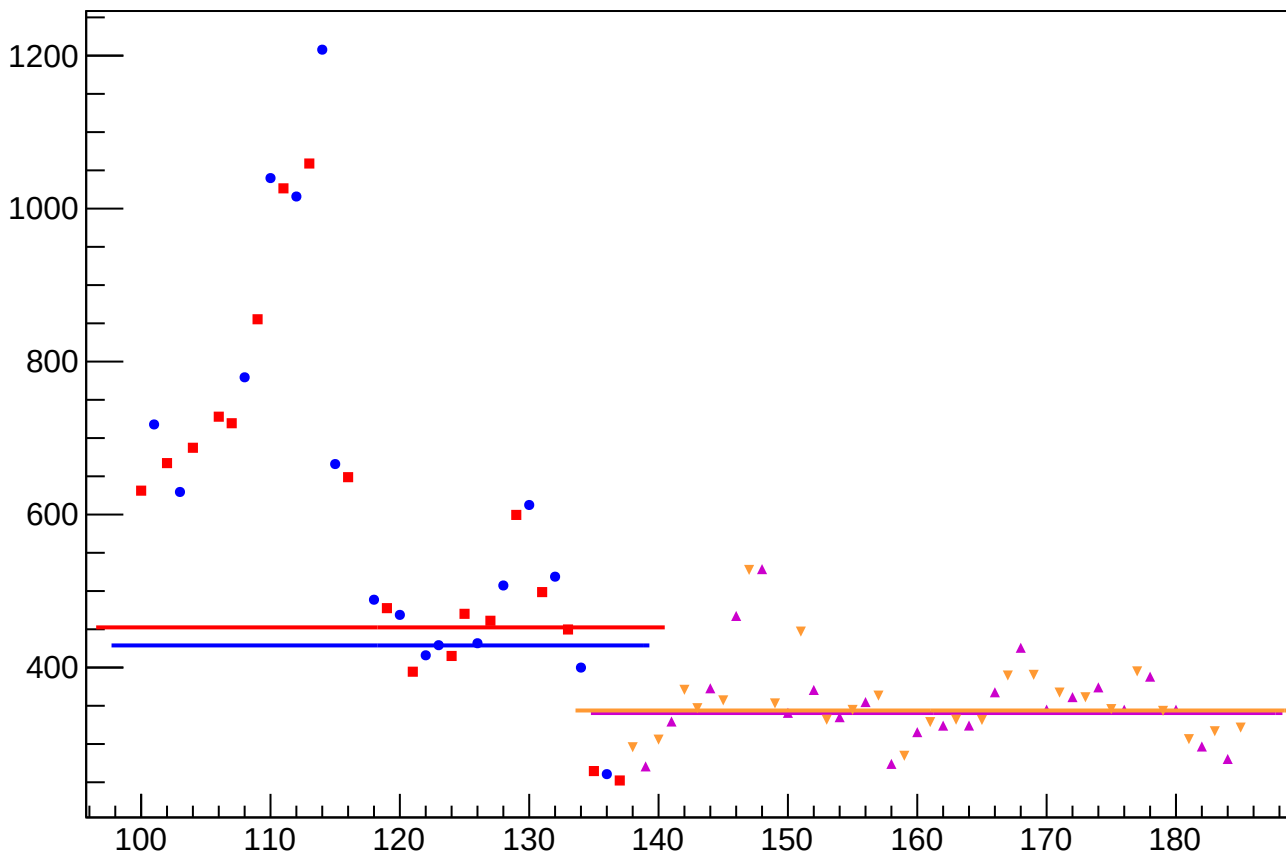
Right: 184.875 $\pm$ 128.536 χ^2 /NDF: 34.6/35

In: -22.972 $\pm$ 74.710 χ^2 /NDF:53.3/39

Out: -93.099 $\pm$ 73.966 χ^2 /NDF:47.7/43

All: -58.387 $\pm$ 52.563 χ^2 /NDF: 101.4/83

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2/NDF : 2010592.5/16

Left Out: 343.837 $\pm$ 0.057 χ^2/NDF :540395.1/24

Right Out: 452.487 $\pm$ 0.130 χ^2/NDF : 2042099.3/18

Left In: 340.519 $\pm$ 0.058 χ^2/NDF :737049.6/22

Left: 342.206 $\pm$ 0.041 χ^2/NDF : 1279102.8/47

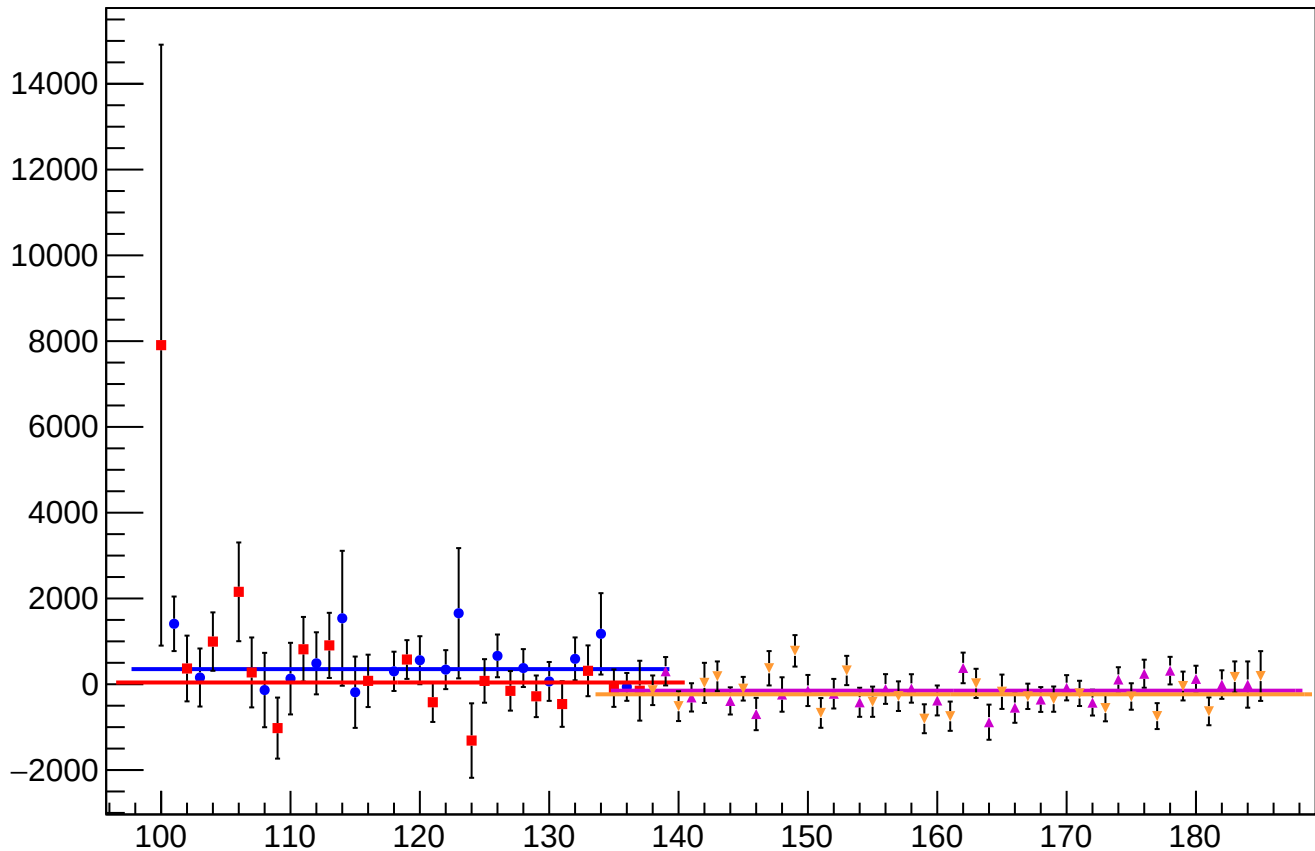
Right: 440.401 $\pm$ 0.091 χ^2/NDF : 4069533.6/35

In: 355.809 $\pm$ 0.053 χ^2/NDF :3148026.6/39

Out: 361.389 $\pm$ 0.052 χ^2/NDF :3167027.6/43

All: 358.627 $\pm$ 0.037 χ^2/NDF : 6320687.9/83

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 $\pm$ 137.298 χ^2/NDF : 8.5/16

Left Out: -234.403 $\pm$ 67.845 χ^2/NDF :30.5/24

Right Out: 41.079 $\pm$ 138.996 χ^2/NDF : 18.2/18

Left In: -149.974 $\pm$ 70.280 χ^2/NDF :19.5/22

Left: -193.677 $\pm$ 48.812 χ^2/NDF : 50.7/47

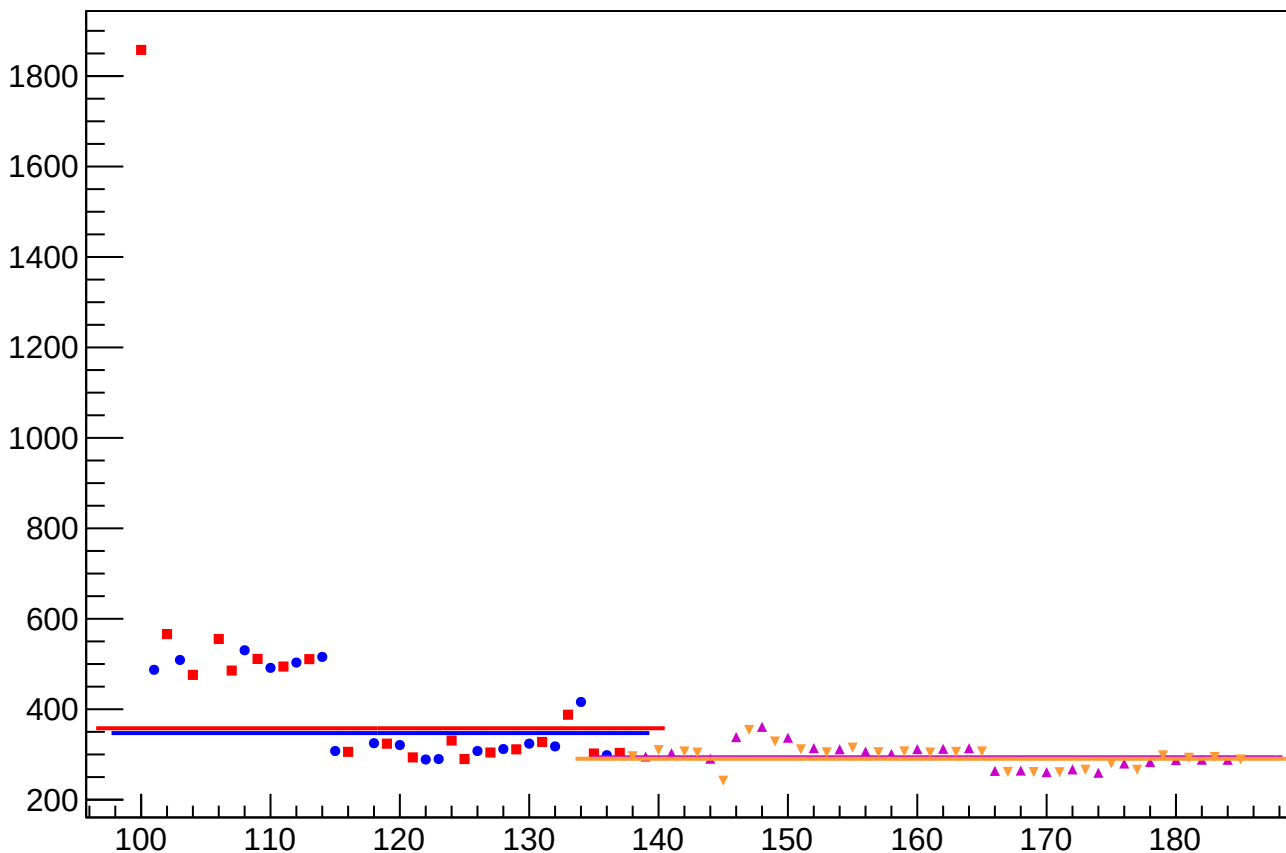
Right: 198.919 $\pm$ 97.679 χ^2/NDF : 29.3/35

In: -45.562 $\pm$ 62.560 χ^2/NDF :38.7/39

Out: -181.399 $\pm$ 60.969 χ^2/NDF :51.9/43

All: -115.230 $\pm$ 43.663 χ^2/NDF : 92.9/83

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 290.531+/-0.048 χ^2/NDF : 273725.8/24

Right Out: 357.955+/-0.098 χ^2/NDF : 851646.4/18

Left In: 293.772+/-0.050 χ^2/NDF : 257410.6/22

Left: 292.094+/-0.035 χ^2/NDF : 533337.7/47

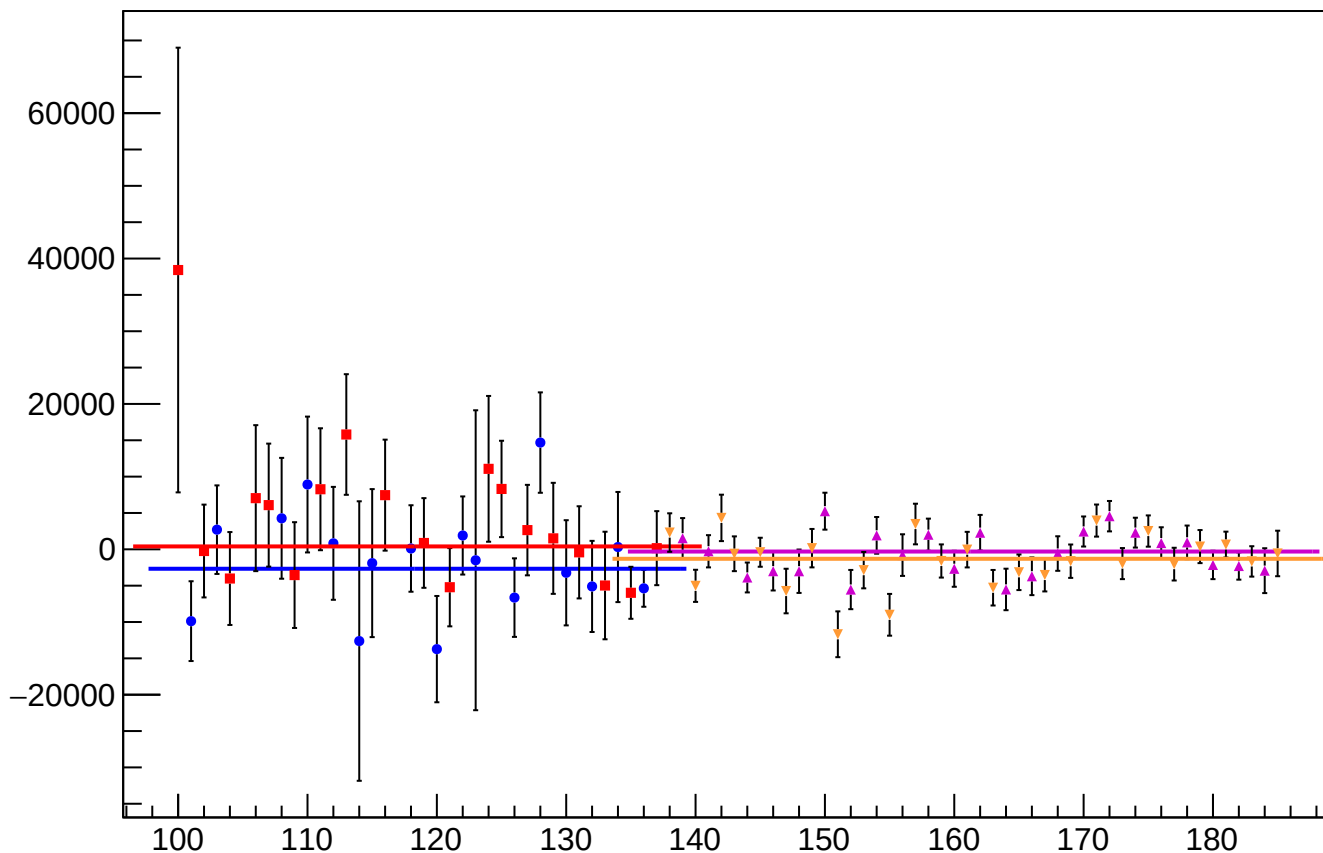
Right: 352.552+/-0.069 χ^2/NDF : 1476524.8/35

In: 304.881+/-0.044 χ^2/NDF : 1117015.1/39

Out: 303.504+/-0.043 χ^2/NDF : 1505432.3/43

All: 304.175+/-0.031 χ^2/NDF : 2622944.5/83

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1303.987+/-477.419 χ^2/NDF : 47.2/24

Right Out: 398.443+/-1515.968 χ^2/NDF : 15.9/18

Left In: -304.624+/-492.139 χ^2/NDF : 35.0/22

Left: -819.474+/-342.672 χ^2/NDF : 84.3/47

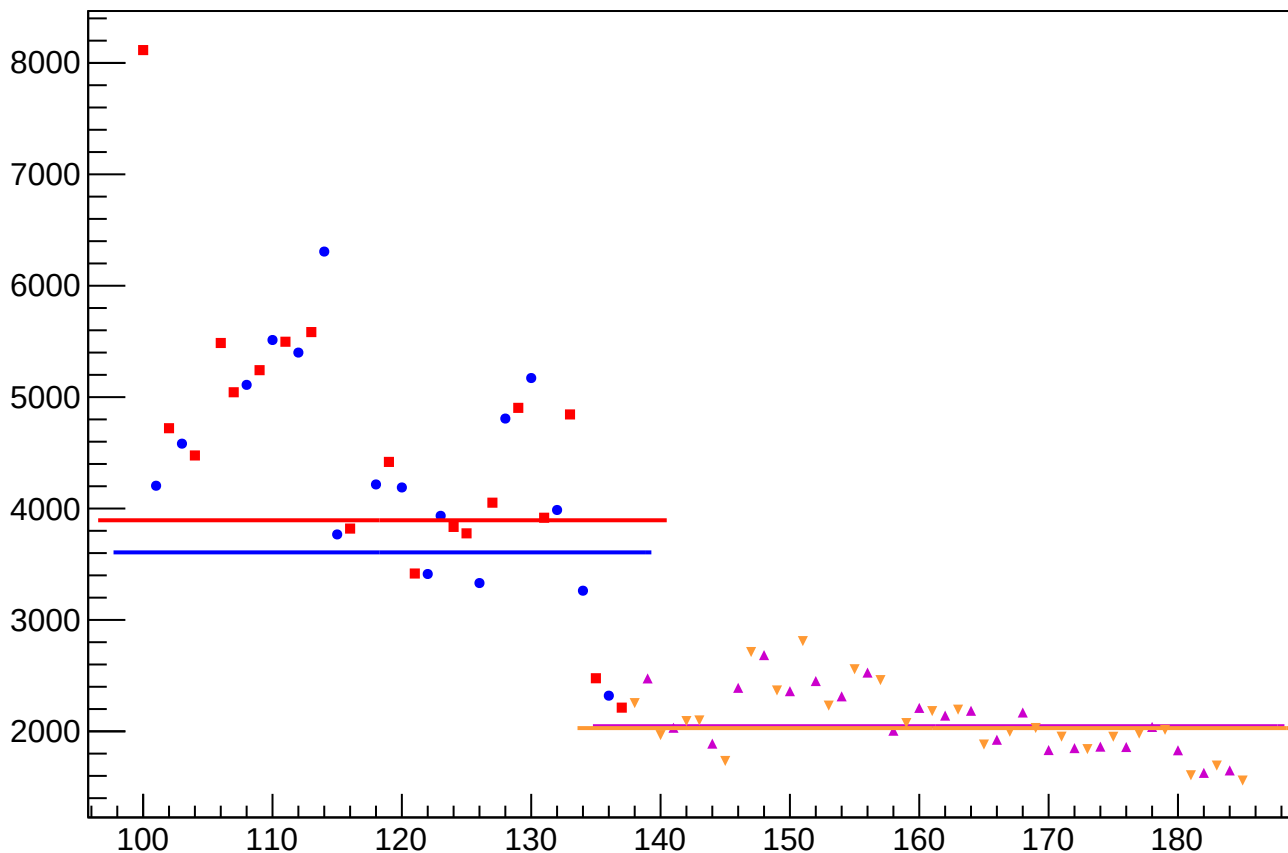
Right: -1199.564+/-1050.178 χ^2/NDF : 34.8/35

In: -547.514+/-466.232 χ^2/NDF : 54.1/39

Out: -1150.376+/-455.371 χ^2/NDF : 64.3/43

All: -856.049+/-325.768 χ^2/NDF : 119.2/83

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2028.906+/-0.338 χ^2/NDF : 702413.1/24

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2046.135+/-0.348 χ^2/NDF : 593551.6/22

Left: 2037.259+/-0.242 χ^2/NDF : 1297227.5/47

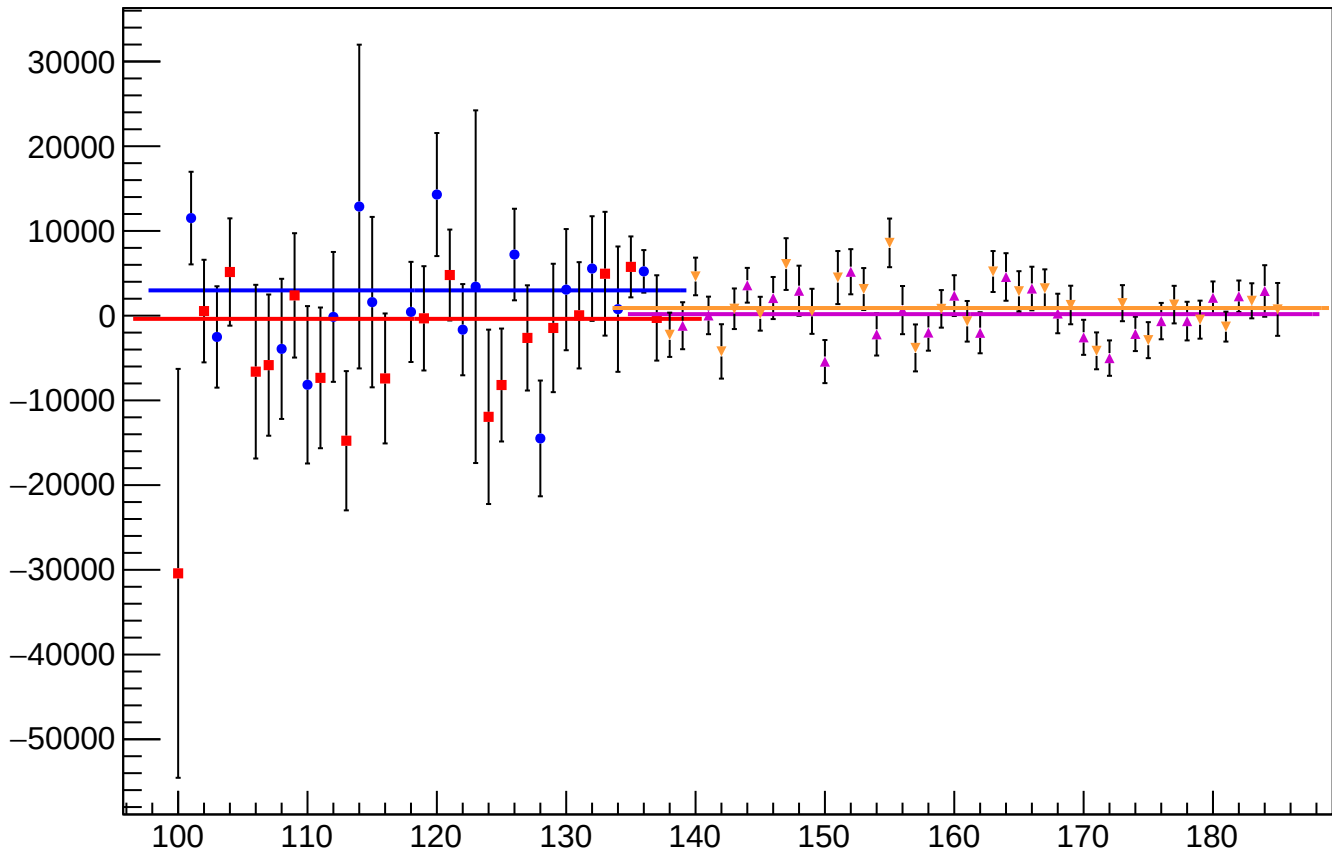
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2206.075+/-0.330 χ^2/NDF : 3746690.6/39

Out: 2197.247+/-0.322 χ^2/NDF : 4491046.2/43

All: 2201.557+/-0.230 χ^2/NDF : 8238103.8/83

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609 $\pm$ 1443.630 χ^2/NDF : 17.4/16

Left Out: 902.080 $\pm$ 473.108 χ^2/NDF : 38.2/24

Right Out: -377.377 $\pm$ 1507.395 χ^2/NDF : 15.0/18

Left In: 180.087 $\pm$ 486.112 χ^2/NDF : 32.9/22

Left: 550.870 $\pm$ 339.042 χ^2/NDF : 72.3/47

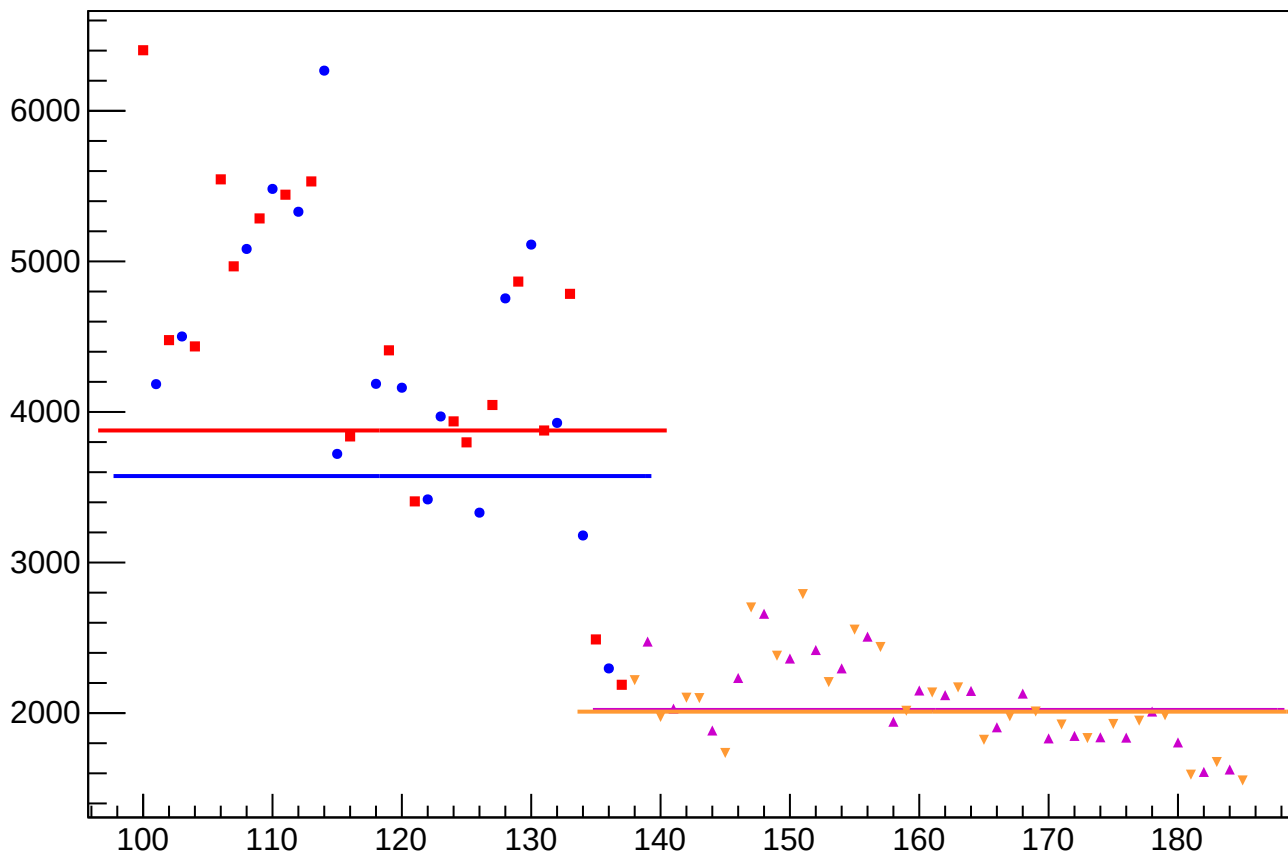
Right: 1375.706 $\pm$ 1042.614 χ^2/NDF : 35.1/35

In: 465.595 $\pm$ 460.694 χ^2/NDF : 53.7/39

Out: 787.347 $\pm$ 451.397 χ^2/NDF : 53.9/43

All: 629.750 $\pm$ 322.423 χ^2/NDF : 107.9/83

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2009.622 $\pm$ 0.335 χ^2/NDF : 710626.1/24

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2020.887 $\pm$ 0.344 χ^2/NDF : 576363.5/22

Left: 2015.102 $\pm$ 0.240 χ^2/NDF : 1287541.2/47

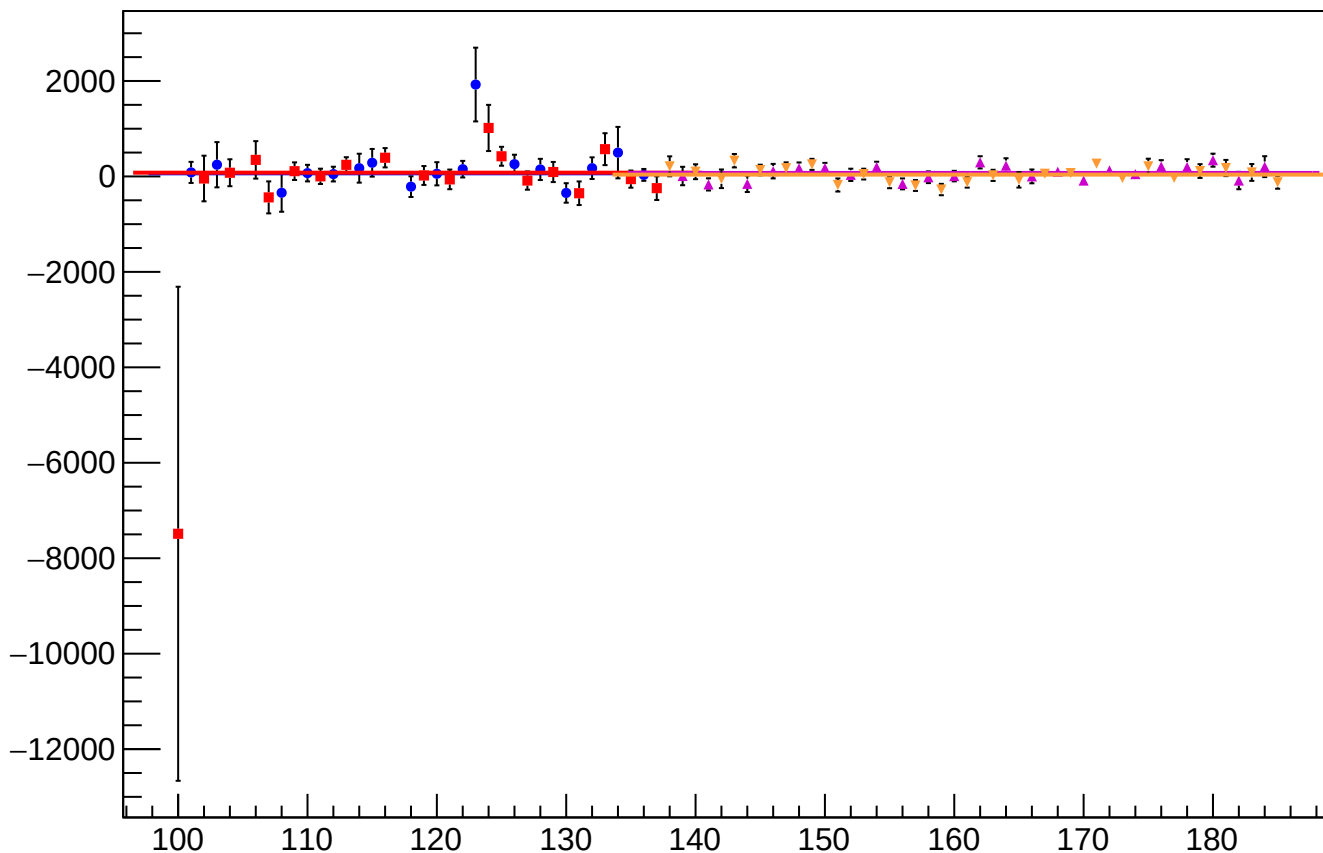
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2179.092 $\pm$ 0.326 χ^2/NDF : 3747798.5/39

Out: 2177.087 $\pm$ 0.319 χ^2/NDF : 4495194.5/43

All: 2178.069 $\pm$ 0.228 χ^2/NDF : 8243012.3/83

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 38.388+/-23.989 χ^2/NDF : 39.9/24

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 73.305+/-25.388 χ^2/NDF : 27.6/22

Left: 54.857+/-17.437 χ^2/NDF : 68.5/47

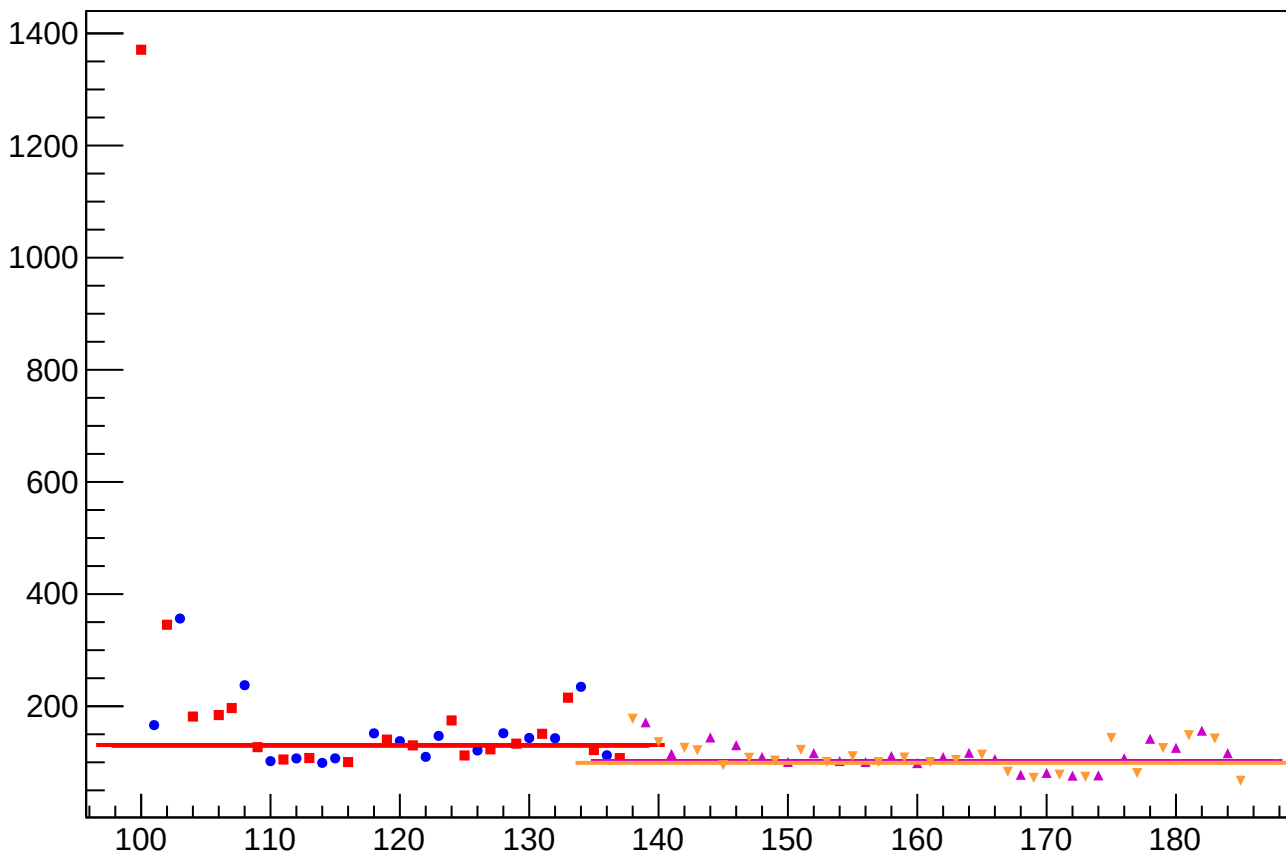
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 71.783+/-22.873 χ^2/NDF : 43.3/39

Out: 45.385+/-21.808 χ^2/NDF : 64.7/43

All: 57.955+/-15.783 χ^2/NDF : 108.7/83

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 99.072 $\pm$ 0.017 χ^2 /NDF: 1852508.6/24

Right Out: 130.878 $\pm$ 0.037 χ^2 /NDF: 1042325.1/18

Left In: 102.345 $\pm$ 0.018 χ^2 /NDF: 1527594.6/22

Left: 100.616 $\pm$ 0.012 χ^2 /NDF: 3397665.3/47

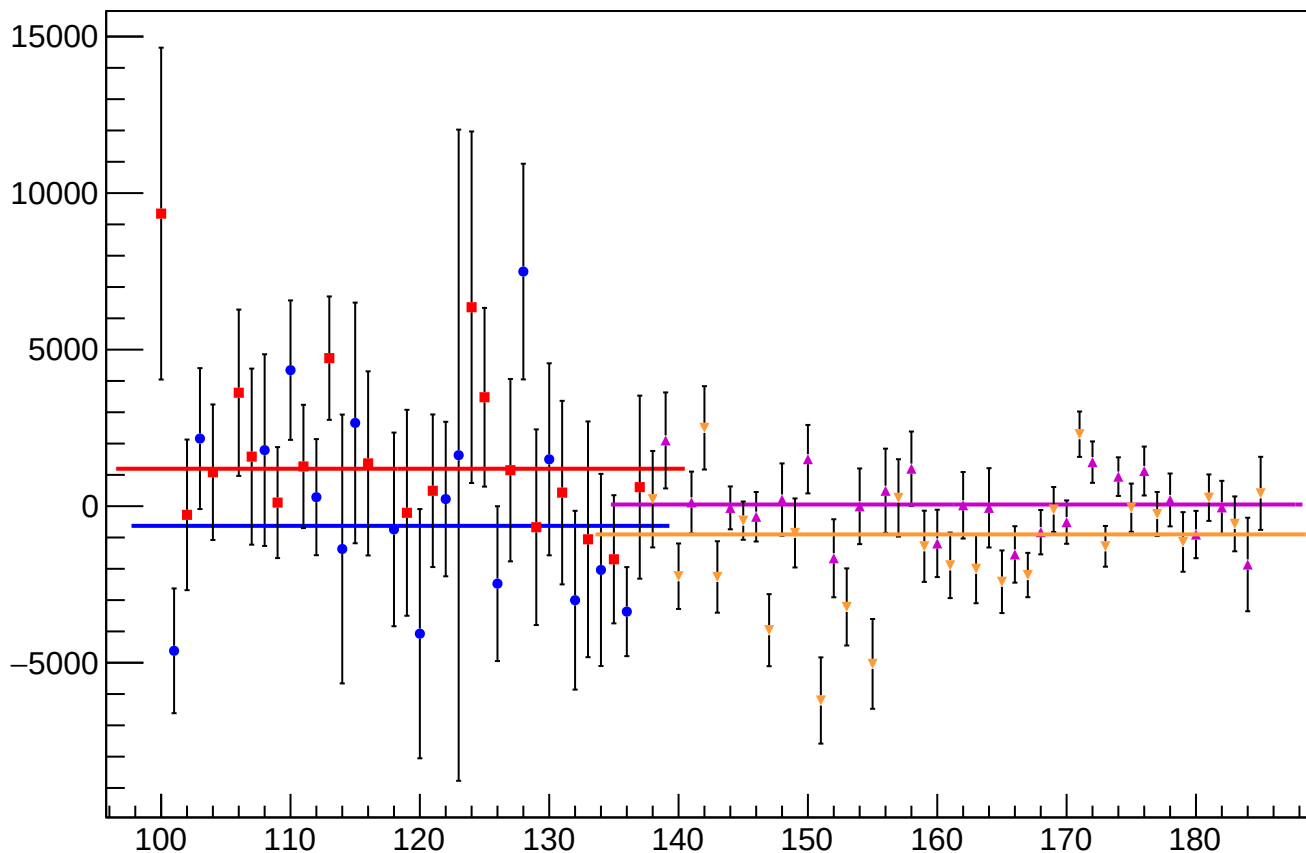
Right: 130.291 $\pm$ 0.026 χ^2 /NDF: 2032513.5/35

In: 107.498 $\pm$ 0.016 χ^2 /NDF: 2954510.0/39

Out: 104.594 $\pm$ 0.015 χ^2 /NDF: 3505145.0/43

All: 105.976 $\pm$ 0.011 χ^2 /NDF: 6476541.9/83

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -900.675 ± 183.719 χ^2/NDF : 80.1/24

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 53.413 ± 187.000 χ^2/NDF : 24.9/22

Left: -432.075 ± 131.054 χ^2/NDF : 118.2/47

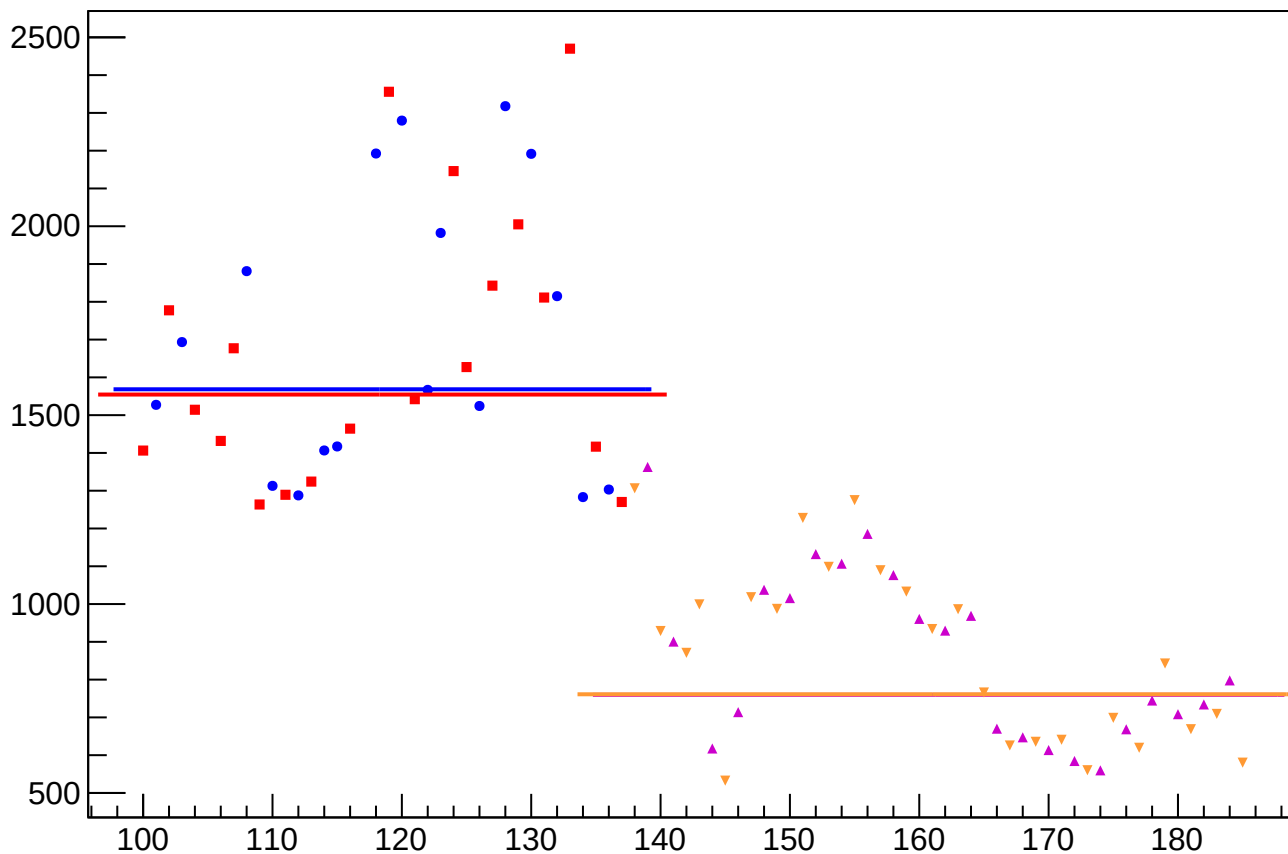
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: -3.172 ± 179.070 χ^2/NDF : 50.3/39

Out: -718.545 ± 175.559 χ^2/NDF : 103.2/43

All: -367.940 ± 125.362 χ^2/NDF : 161.6/83

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 761.185+/-0.130 χ^2/NDF : 2471812.1/24

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 759.696+/-0.132 χ^2/NDF : 2080981.0/22

Left: 760.454+/-0.093 χ^2/NDF : 4552857.6/47

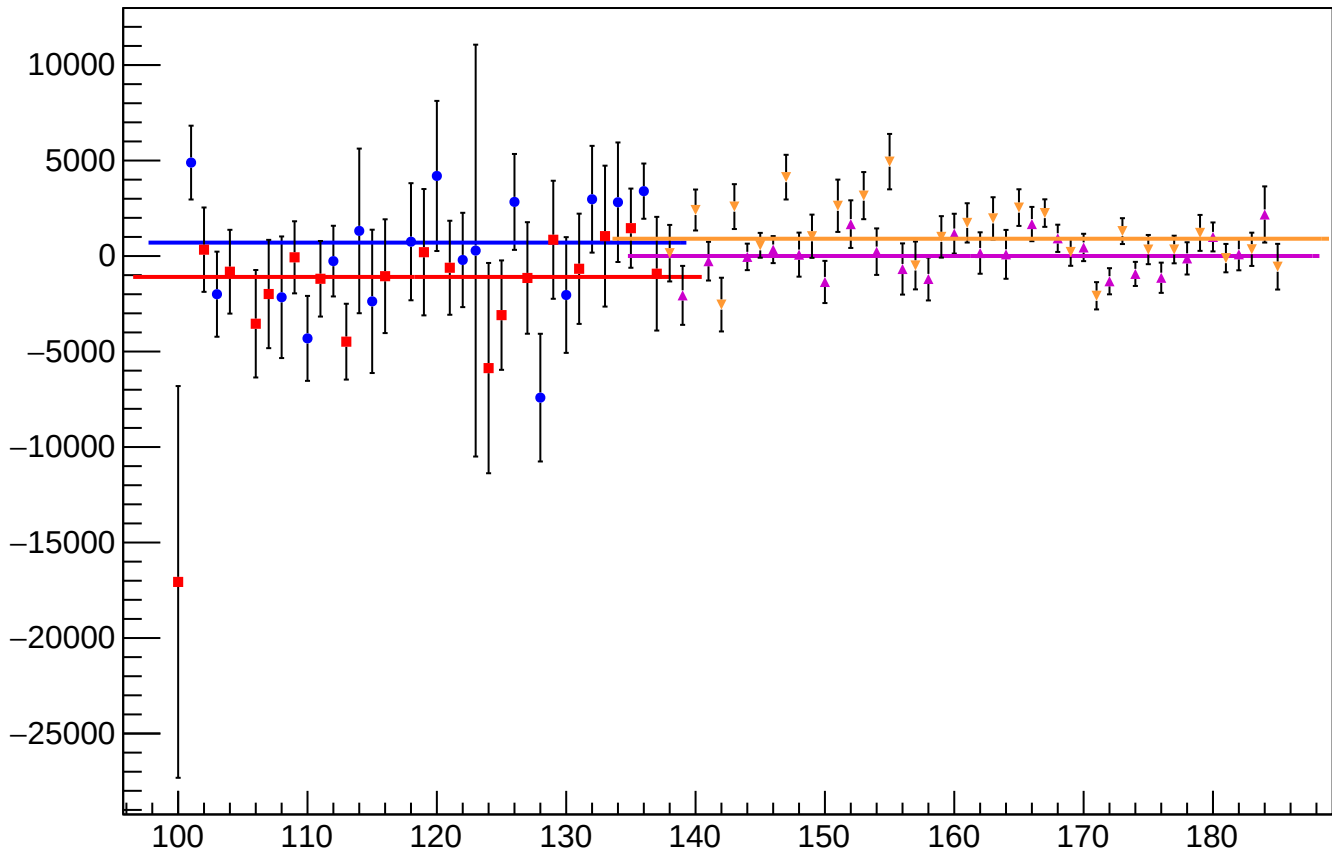
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 826.841+/-0.127 χ^2/NDF : 5721108.7/39

Out: 830.094+/-0.124 χ^2/NDF : 6223183.3/43

All: 828.500+/-0.089 χ^2/NDF : 11944628.5/83

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 906.274 $\pm$ 185.757 χ^2 /NDF:63.8/24

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: 2.470 $\pm$ 187.271 χ^2 /NDF:25.6/22

Left: 458.039 $\pm$ 131.882 χ^2 /NDF: 101.2/47

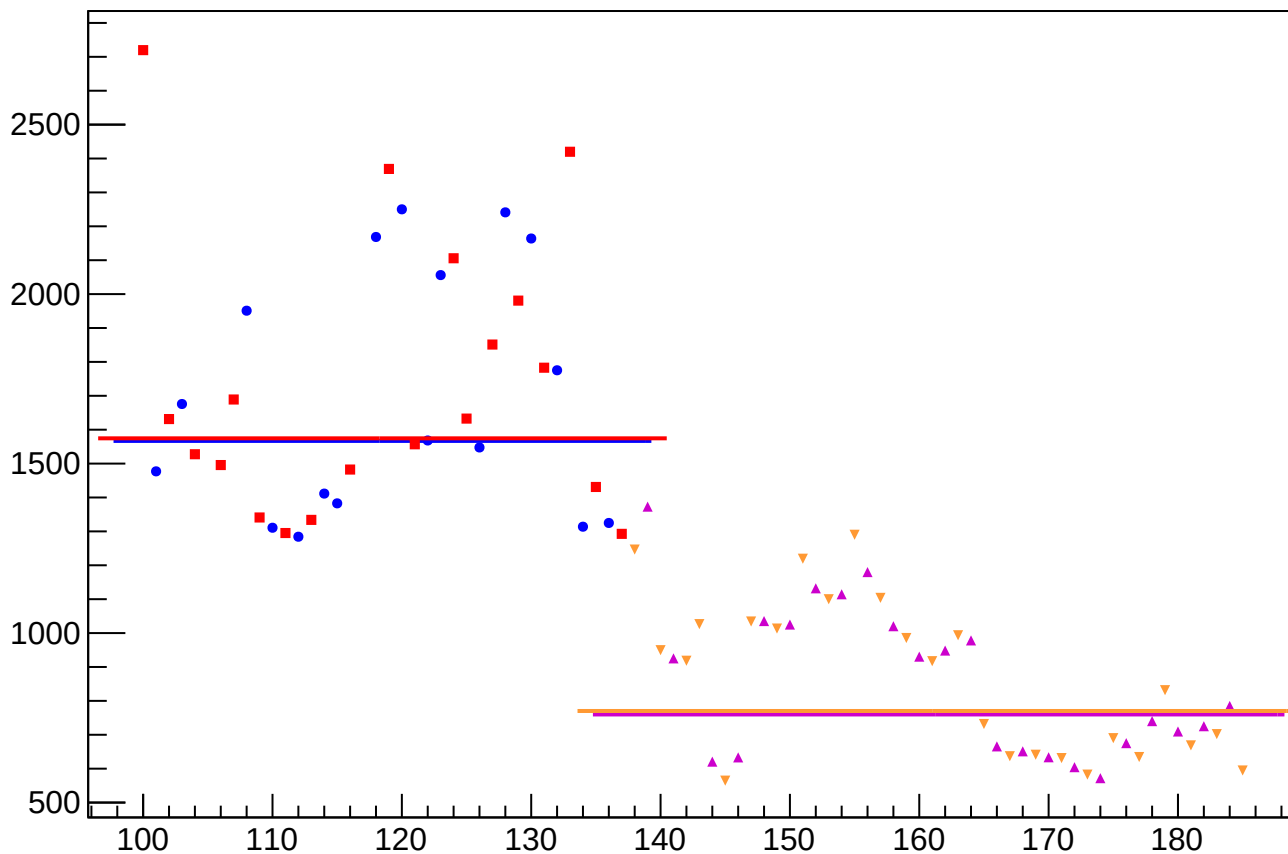
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 60.936 $\pm$ 179.287 χ^2 /NDF:52.8/39

Out: 733.023 $\pm$ 177.530 χ^2 /NDF:84.5/43

All: 400.288 $\pm$ 126.149 χ^2 /NDF: 144.4/83

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 770.173 $\pm$ 0.131 χ^2 /NDF: 2290135.0/24

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 759.935 $\pm$ 0.132 χ^2 /NDF: 2014703.5/22

Left: 765.096 $\pm$ 0.093 χ^2 /NDF: 4307851.7/47

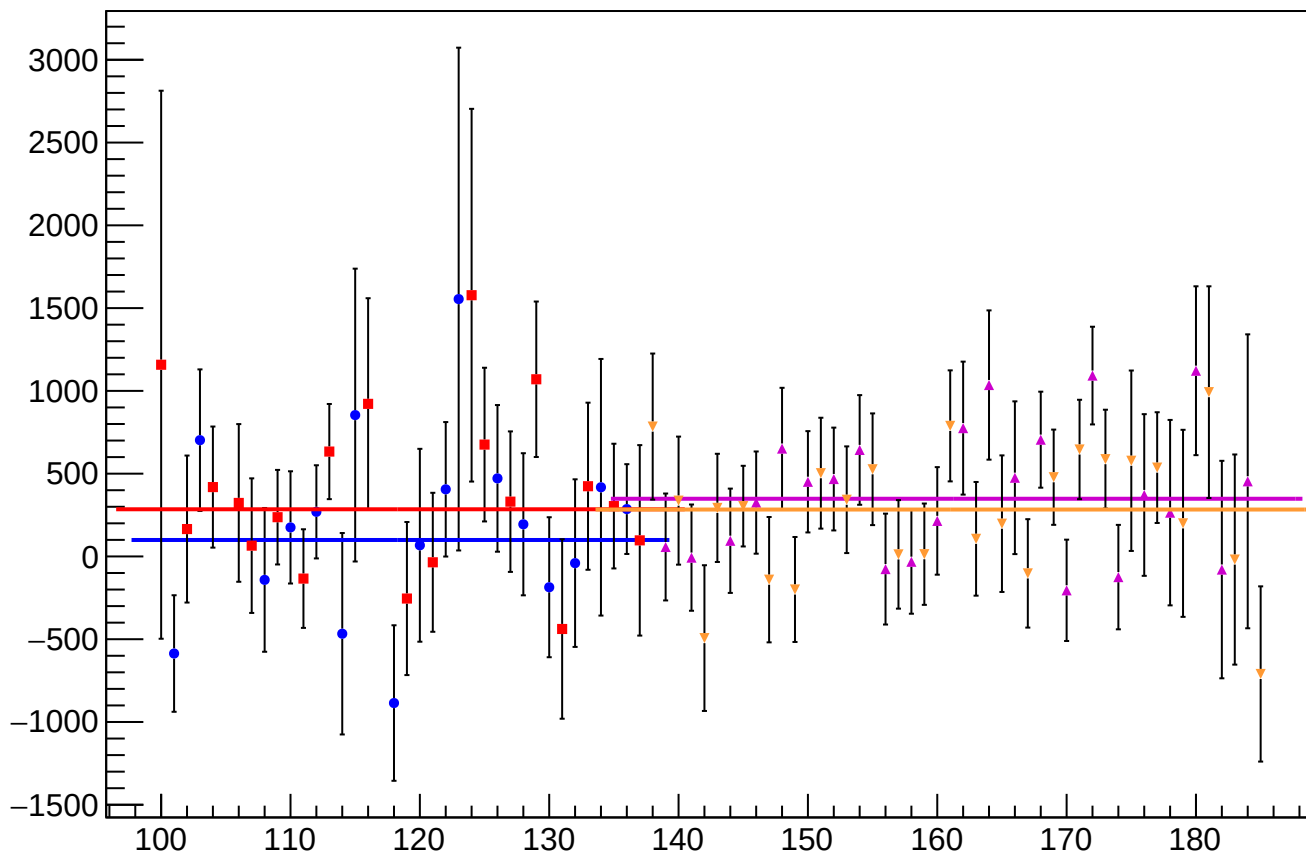
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 827.282 $\pm$ 0.127 χ^2 /NDF: 5613992.7/39

Out: 839.846 $\pm$ 0.126 χ^2 /NDF: 6002641.5/43

All: 833.626 $\pm$ 0.089 χ^2 /NDF: 11621592.9/83

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 283.333 $\pm$ 71.001 χ^2 /NDF: 23.2/24

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 348.428 $\pm$ 74.384 χ^2 /NDF: 27.4/22

Left: 314.367 $\pm$ 51.360 χ^2 /NDF: 51.0/47

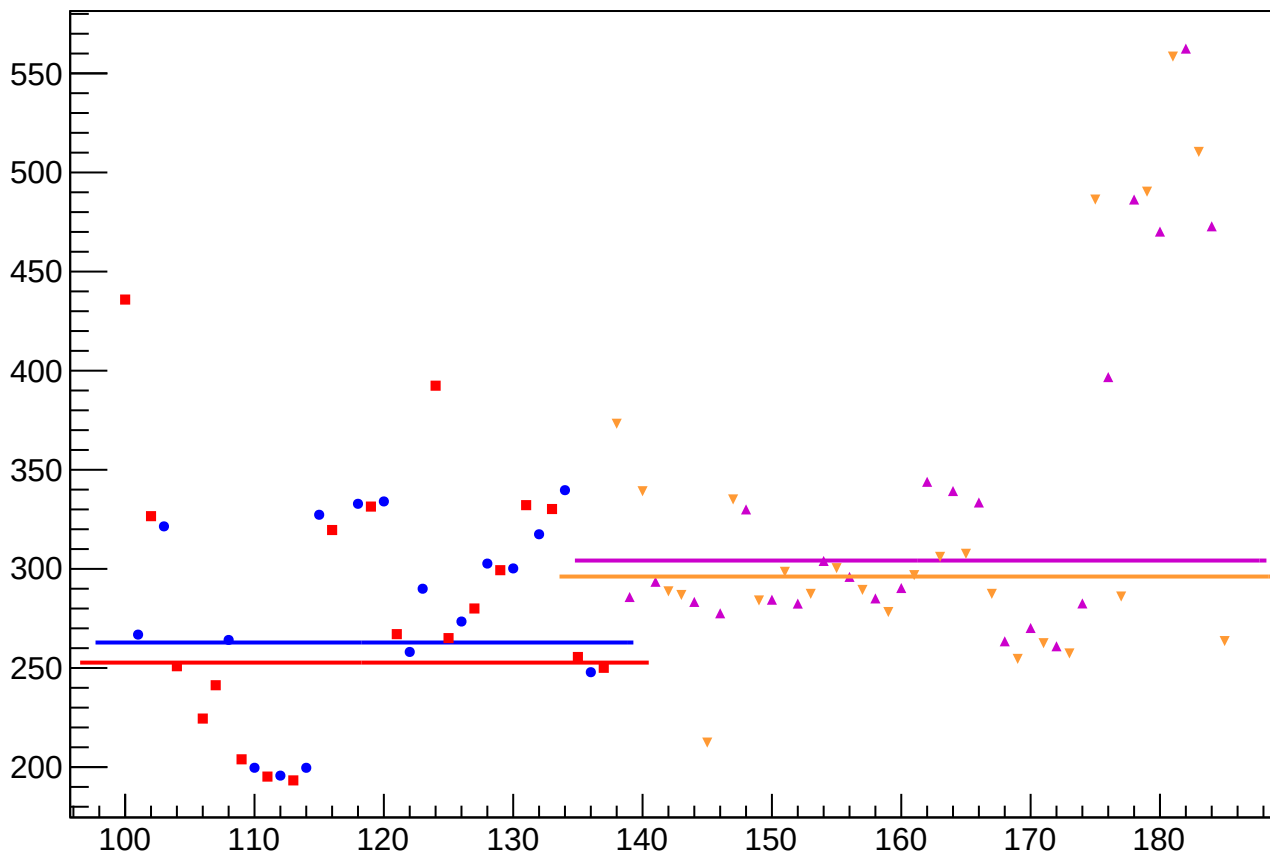
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 263.567 $\pm$ 60.396 χ^2 /NDF: 47.1/39

Out: 283.869 $\pm$ 57.438 χ^2 /NDF: 37.2/43

All: 274.227 $\pm$ 41.621 χ^2 /NDF: 84.4/83

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 296.138 ± 0.050 χ^2/NDF : 1517224.1/24

Right Out: 252.720 ± 0.069 χ^2/NDF : 539727.3/18

Left In: 304.211 ± 0.053 χ^2/NDF : 1105493.1/22

Left: 299.987 ± 0.036 χ^2/NDF : 2635045.3/47

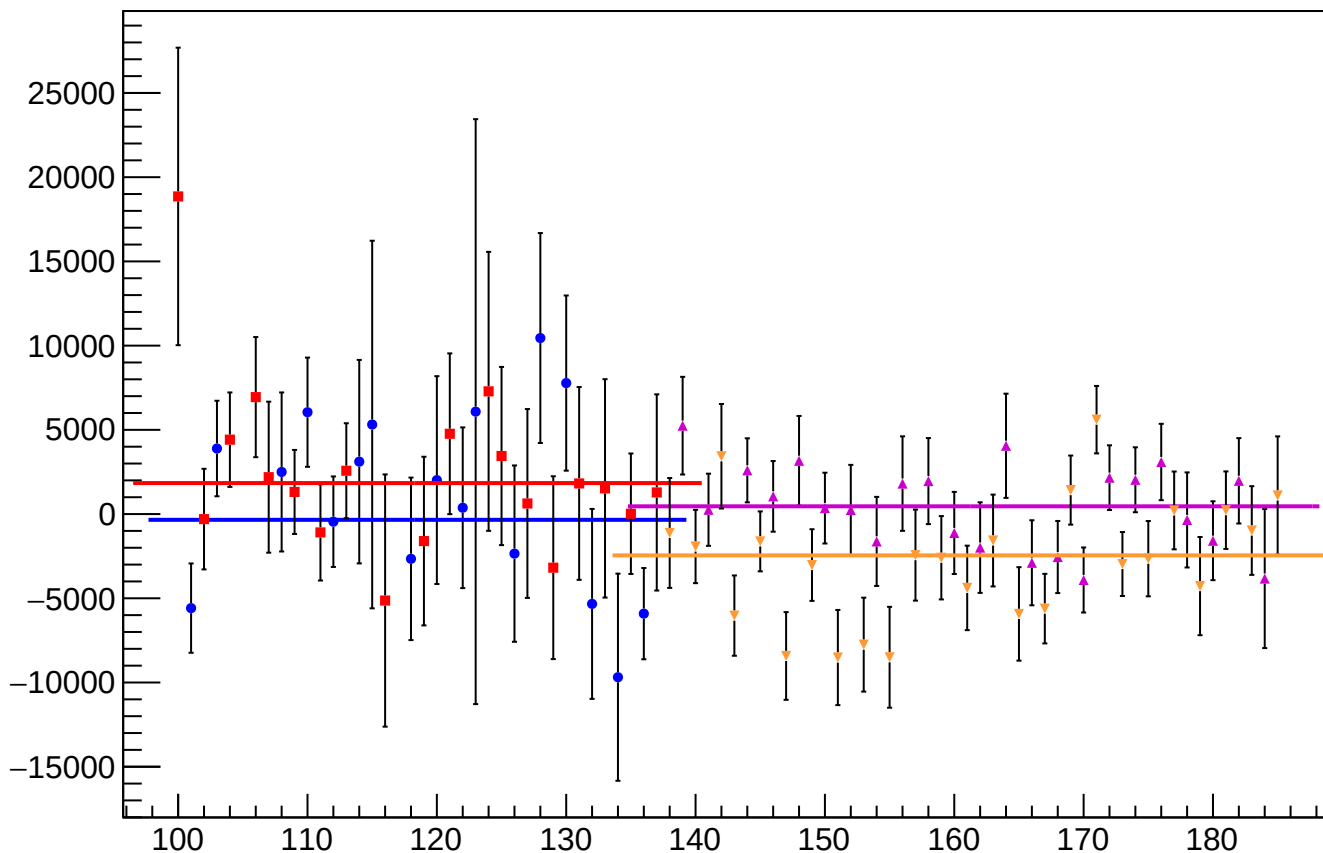
Right: 257.498 ± 0.050 χ^2/NDF : 961572.8/35

In: 290.119 ± 0.043 χ^2/NDF : 1727837.6/39

Out: 281.134 ± 0.041 χ^2/NDF : 2315391.9/43

All: 285.401 ± 0.029 χ^2/NDF : 4066473.6/83

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -2452.581+/-483.499 χ^2/NDF : 52.8/24

Right Out: 1840.596+/-924.746 χ^2/NDF : 11.7/18

Left In: 460.244+/-494.914 χ^2/NDF : 22.9/22

Left: -1030.146+/-345.850 χ^2/NDF : 93.4/47

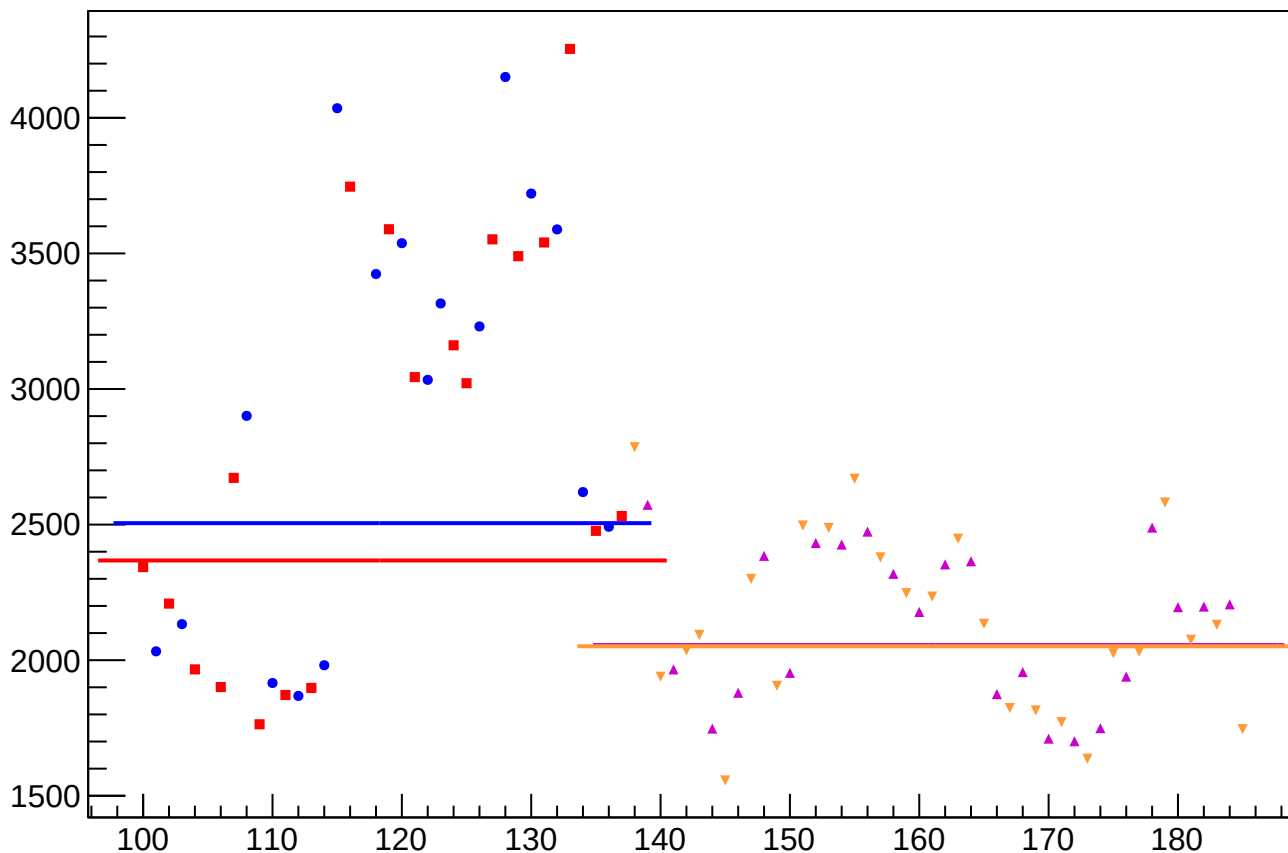
Right: 839.728+/-680.387 χ^2/NDF : 38.7/35

In: 303.663+/-443.965 χ^2/NDF : 47.8/39

Out: -1530.920+/-428.468 χ^2/NDF : 81.4/43

All: -646.205+/-308.306 χ^2/NDF : 138.1/83

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2051.343+/-0.342 χ^2/NDF : 839570.6/24

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2055.758+/-0.350 χ^2/NDF : 628611.0/22

Left: 2053.499+/-0.245 χ^2/NDF : 1468263.0/47

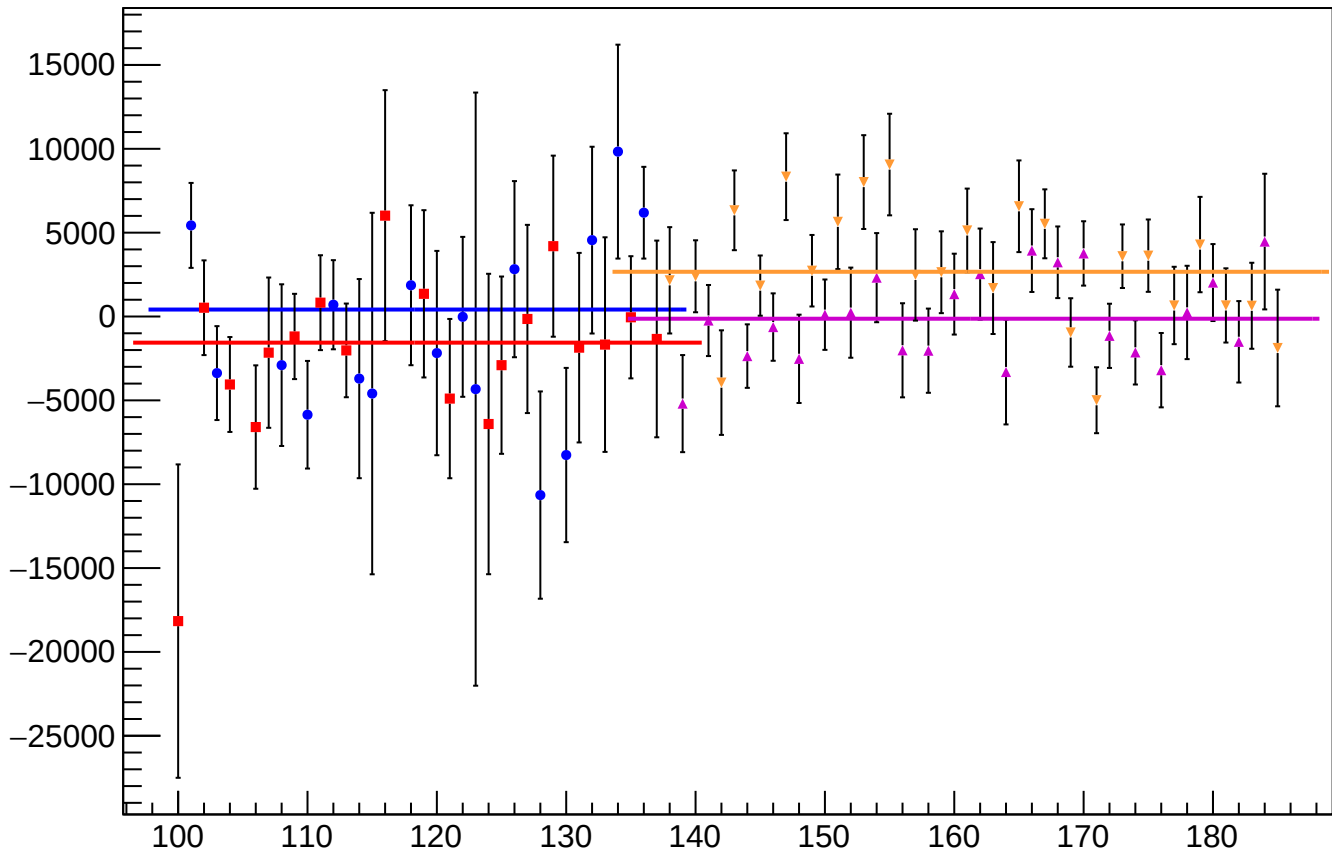
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2143.555+/-0.314 χ^2/NDF : 1815037.0/39

Out: 2119.265+/-0.303 χ^2/NDF : 2054318.3/43

All: 2130.979+/-0.218 χ^2/NDF : 3872454.9/83

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2667.463 $\pm$ 479.578 χ^2 /NDF:49.2/24

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -132.307 $\pm$ 489.752 χ^2 /NDF:24.7/22

Left: 1296.961 $\pm$ 342.653 χ^2 /NDF: 90.7/47

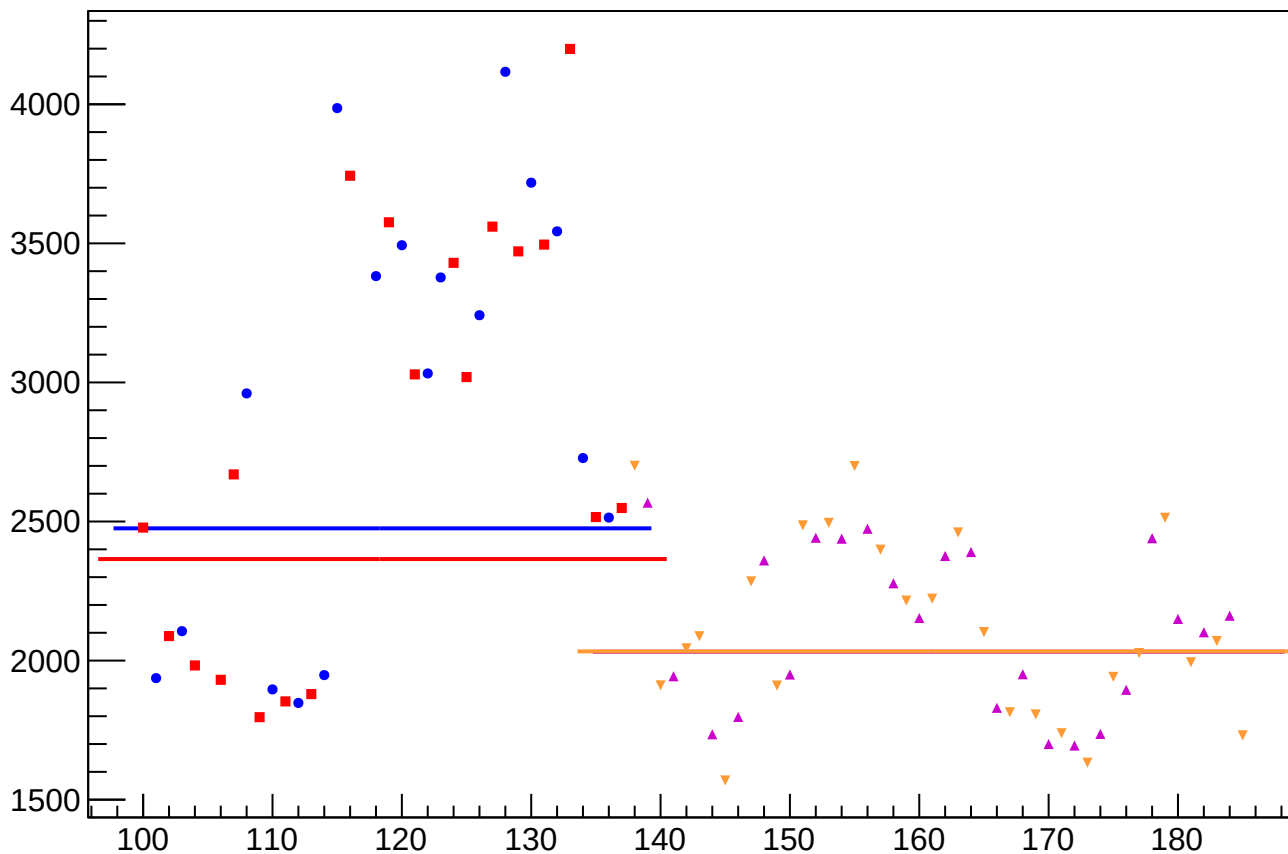
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -25.447 $\pm$ 439.400 χ^2 /NDF:49.5/39

Out: 1771.250 $\pm$ 425.702 χ^2 /NDF:76.4/43

All: 901.343 $\pm$ 305.745 χ^2 /NDF: 134.5/83

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2033.141 $\pm$ 0.339 χ^2 /NDF:825249.3/24

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2031.692 $\pm$ 0.346 χ^2 /NDF:653382.0/22

Left: 2032.432 $\pm$ 0.242 χ^2 /NDF: 1478640.3/47

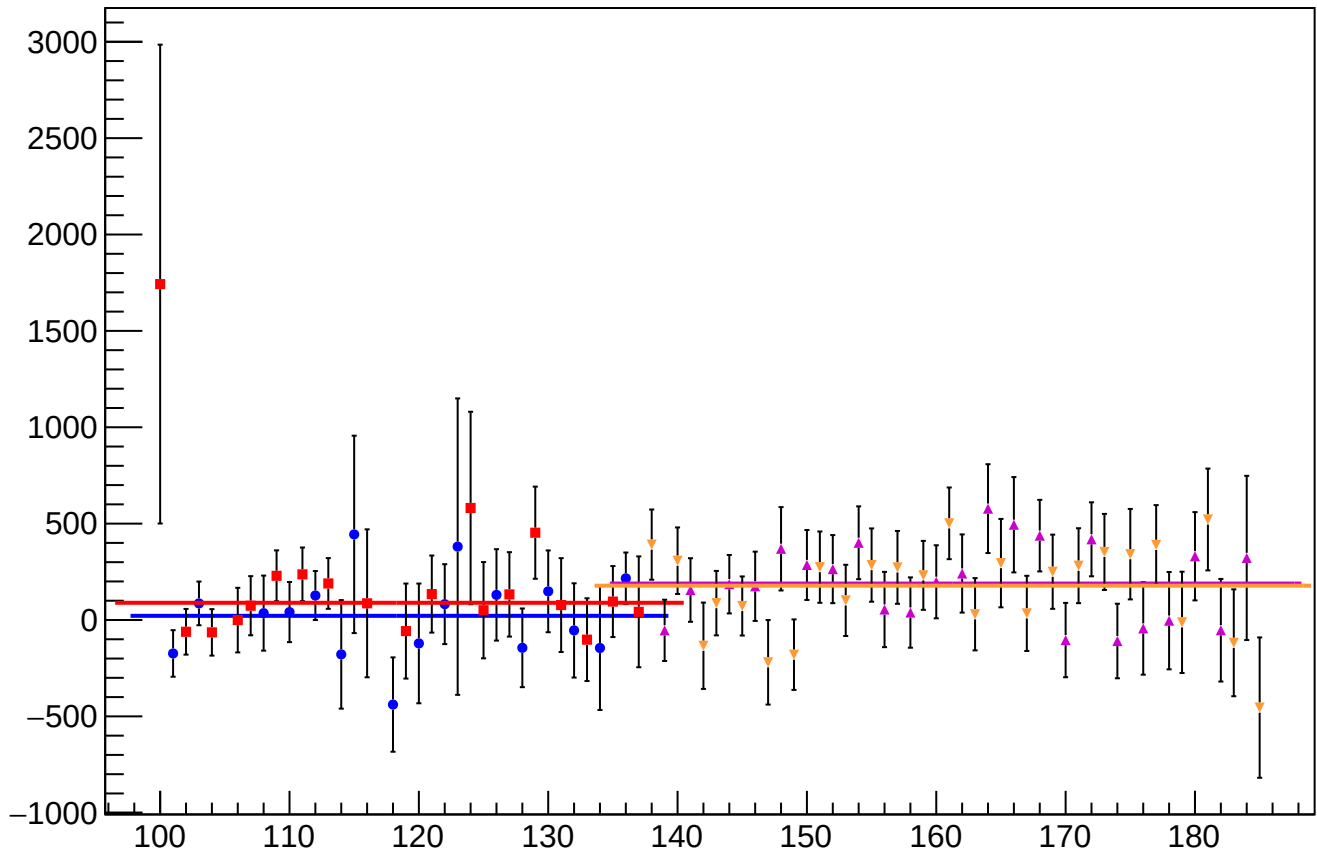
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2118.245 $\pm$ 0.311 χ^2 /NDF:1886705.9/39

Out: 2103.520 $\pm$ 0.301 χ^2 /NDF:2055535.4/43

All: 2110.649 $\pm$ 0.216 χ^2 /NDF: 3943399.8/83

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 178.035 $\pm$ 39.810 χ^2 /NDF:26.4/24

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 189.100 $\pm$ 41.249 χ^2 /NDF:21.1/22

Left: 183.371 $\pm$ 28.645 χ^2 /NDF: 47.6/47

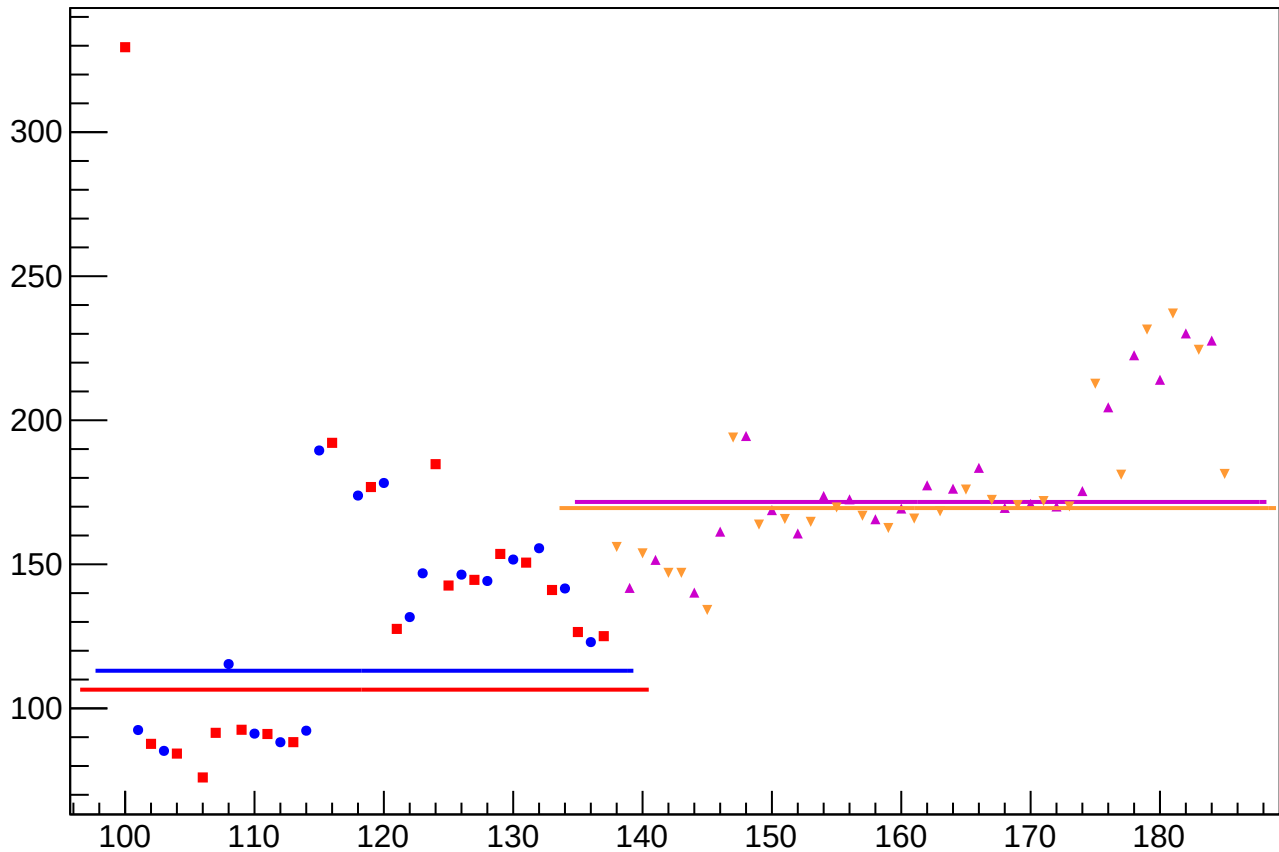
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 112.931 $\pm$ 30.456 χ^2 /NDF:41.2/39

Out: 135.839 $\pm$ 28.829 χ^2 /NDF:41.5/43

All: 125.013 $\pm$ 20.936 χ^2 /NDF: 83.0/83

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 169.520 $\pm$ 0.028 χ^2/NDF :622468.9/24

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 171.646 $\pm$ 0.029 χ^2/NDF :552888.4/22

Left: 170.546 $\pm$ 0.020 χ^2/NDF : 1178106.9/47

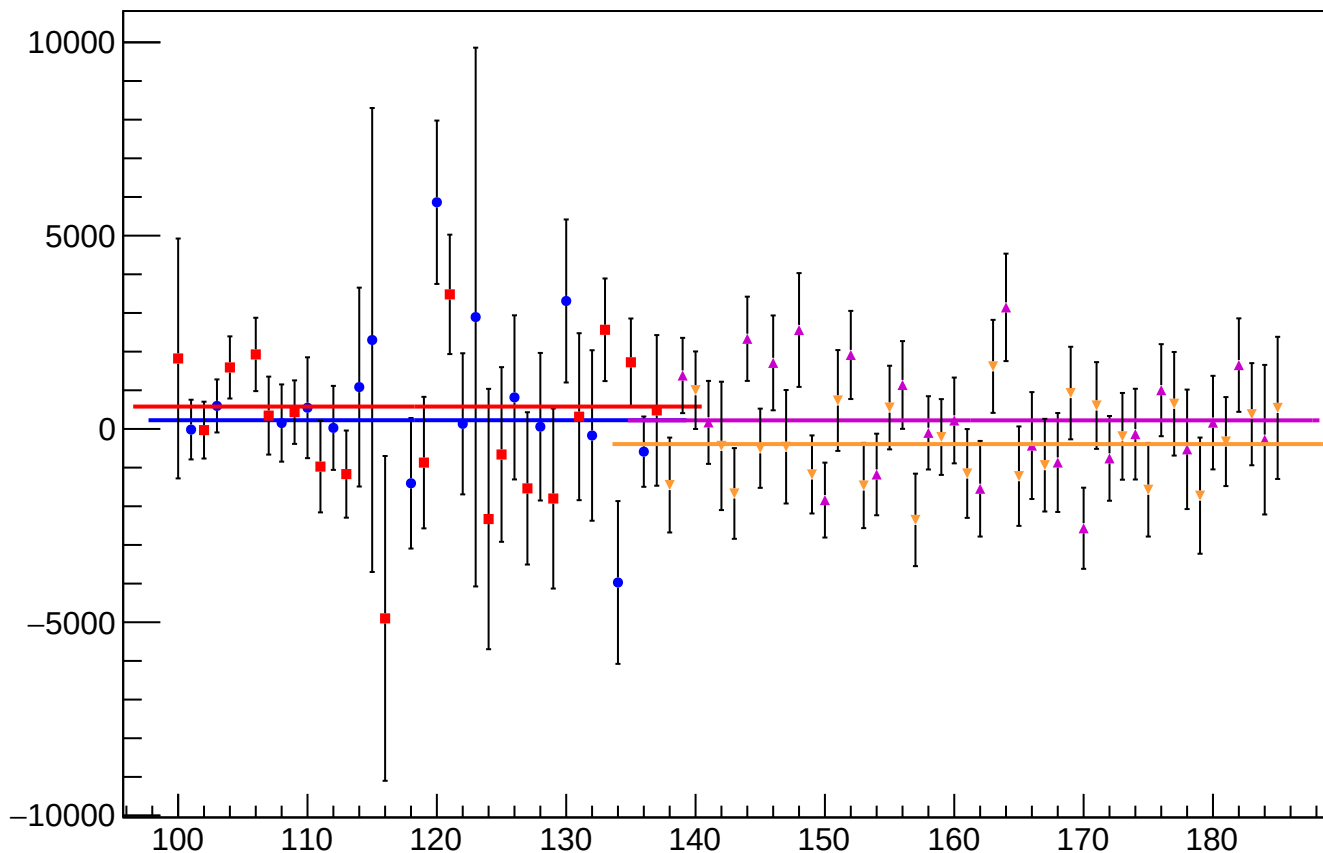
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 144.996 $\pm$ 0.022 χ^2/NDF :3208912.3/39

Out: 139.545 $\pm$ 0.020 χ^2/NDF :4022921.3/43

All: 142.121 $\pm$ 0.015 χ^2/NDF : 7265631.3/83

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635+/-321.412 χ^2/NDF : 16.0/16

Left Out: -391.428+/-239.080 χ^2/NDF : 18.5/24

Right Out: 579.018+/-289.235 χ^2/NDF : 21.1/18

Left In: 222.173+/-243.547 χ^2/NDF : 35.9/22

Left: -90.306+/-170.612 χ^2/NDF : 57.7/47

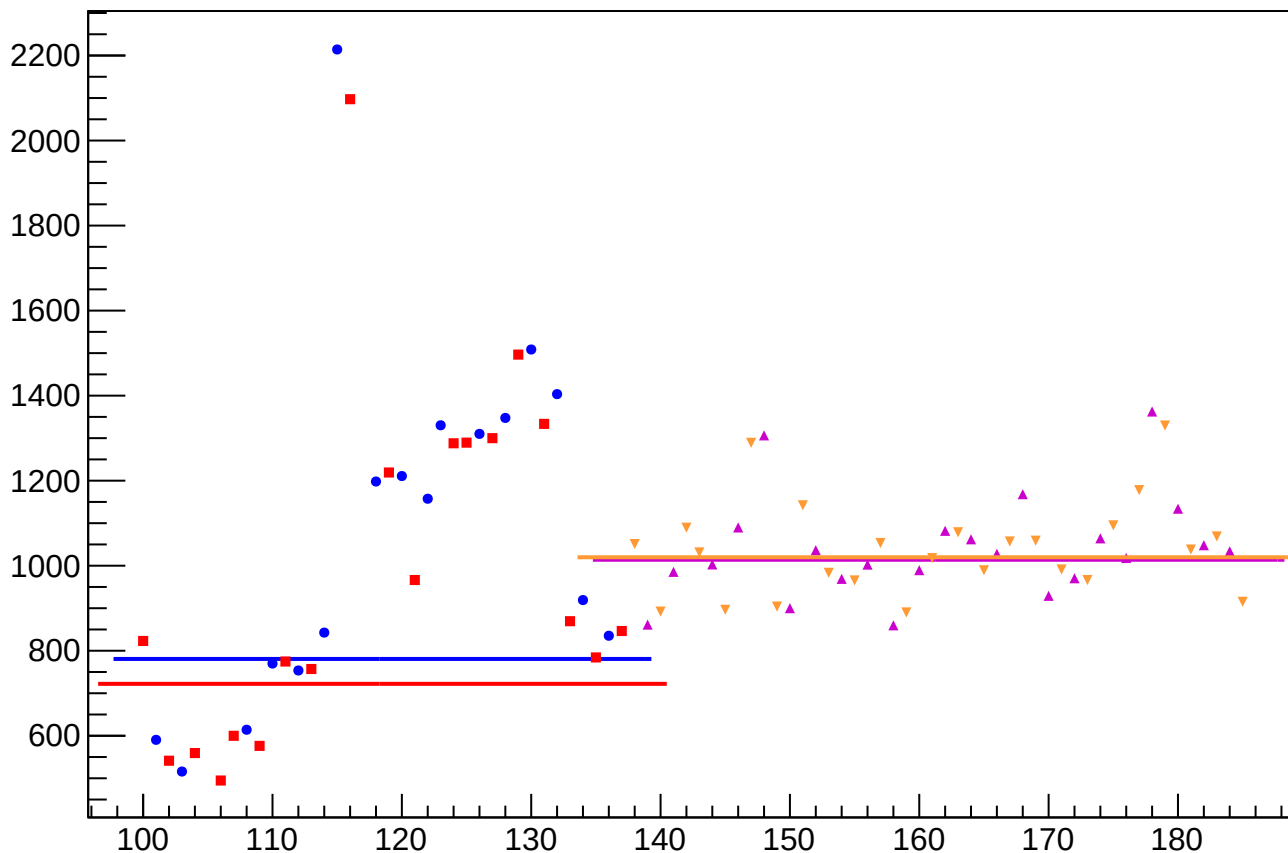
Right: 420.896+/-214.998 χ^2/NDF : 37.8/35

In: 223.436+/-194.114 χ^2/NDF : 51.9/39

Out: 2.490+/-184.276 χ^2/NDF : 46.3/43

All: 107.222+/-133.645 χ^2/NDF : 98.9/83

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1019.829 $\pm$ 0.169 χ^2 /NDF: 367803.8/24

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1013.992 $\pm$ 0.172 χ^2 /NDF: 404573.8/22

Left: 1016.964 $\pm$ 0.121 χ^2 /NDF: 772962.7/47

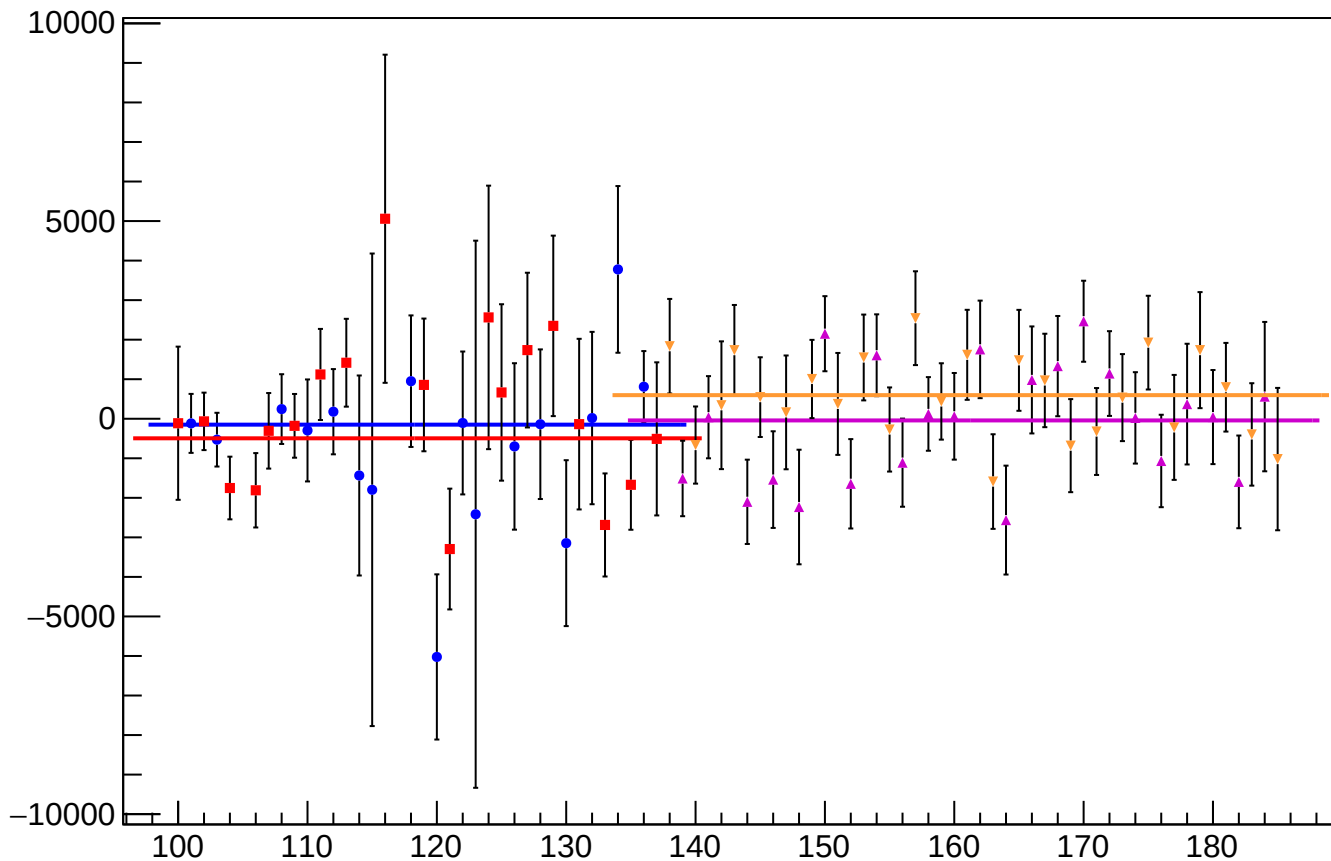
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 928.900 $\pm$ 0.137 χ^2 /NDF: 2683432.5/39

Out: 898.996 $\pm$ 0.130 χ^2 /NDF: 3255141.5/43

All: 913.171 $\pm$ 0.095 χ^2 /NDF: 5963539.3/83

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 596.994 ± 234.904 $\chi^2/\text{NDF}: 18.5/24$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -42.397 ± 239.278 $\chi^2/\text{NDF}: 37.9/22$

Left: 283.195 ± 167.627 $\chi^2/\text{NDF}: 60.0/47$

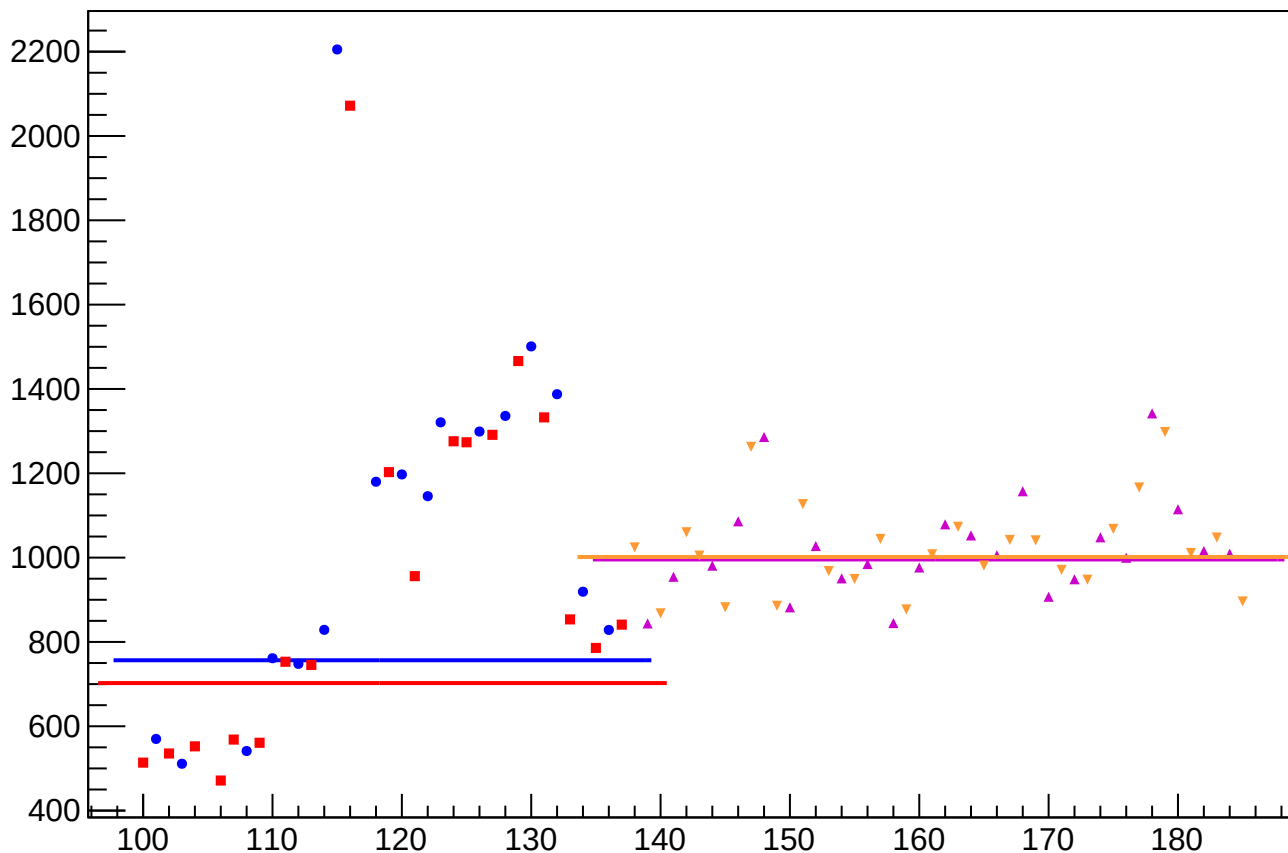
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -81.784 ± 190.086 $\chi^2/\text{NDF}: 54.1/39$

Out: 151.077 ± 180.677 $\chi^2/\text{NDF}: 51.0/43$

All: 40.552 ± 130.958 $\chi^2/\text{NDF}: 105.8/83$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1001.517 $\pm$ 0.166 χ^2 /NDF: 370616.7/24

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 995.590 $\pm$ 0.169 χ^2 /NDF: 424434.6/22

Left: 998.608 $\pm$ 0.119 χ^2 /NDF: 795676.1/47

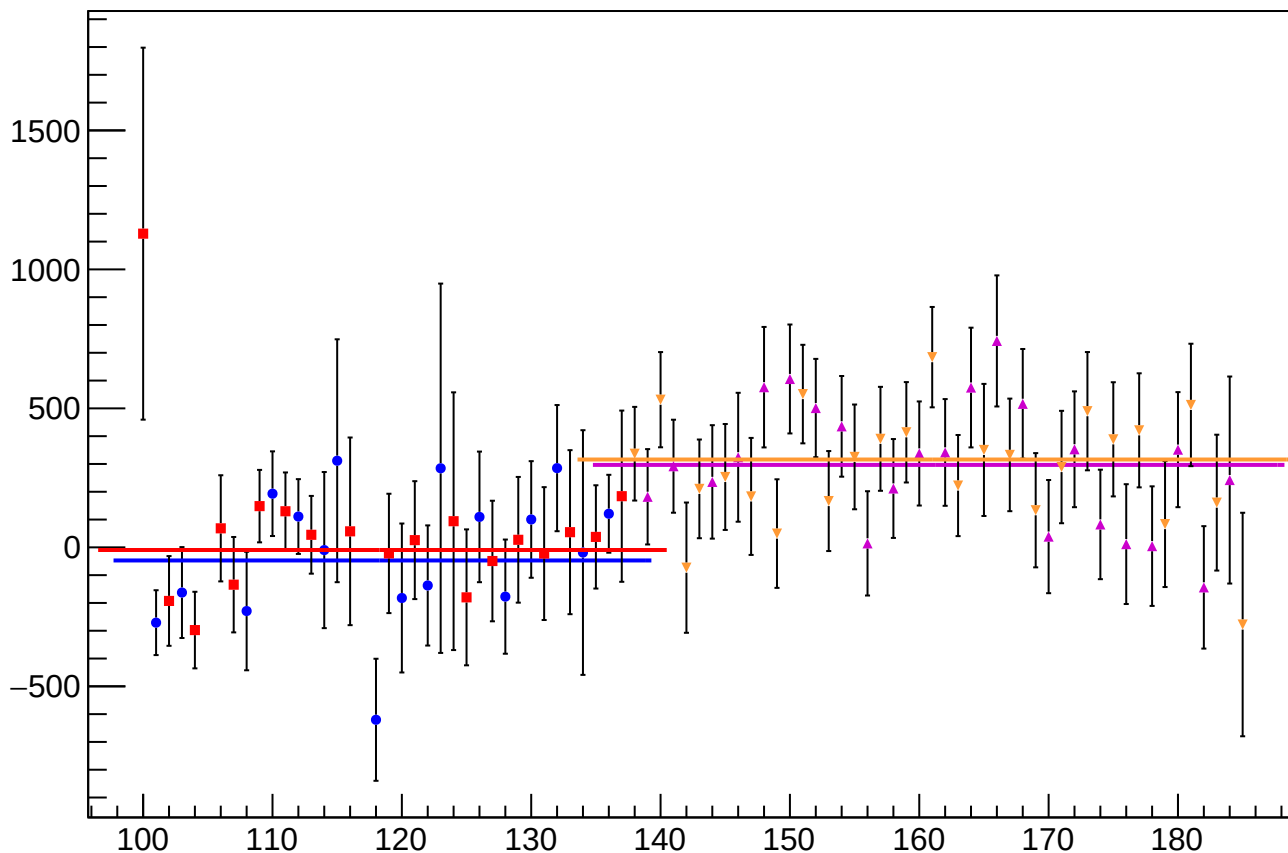
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 907.403 $\pm$ 0.134 χ^2 /NDF: 2874487.0/39

Out: 879.374 $\pm$ 0.128 χ^2 /NDF: 3384021.7/43

All: 892.678 $\pm$ 0.093 χ^2 /NDF: 6281354.2/83

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 316.011 ± 39.858 $\chi^2/\text{NDF}: 20.7/24$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 296.645 ± 41.875 $\chi^2/\text{NDF}: 26.3/22$

Left: 306.806 ± 28.870 $\chi^2/\text{NDF}: 47.1/47$

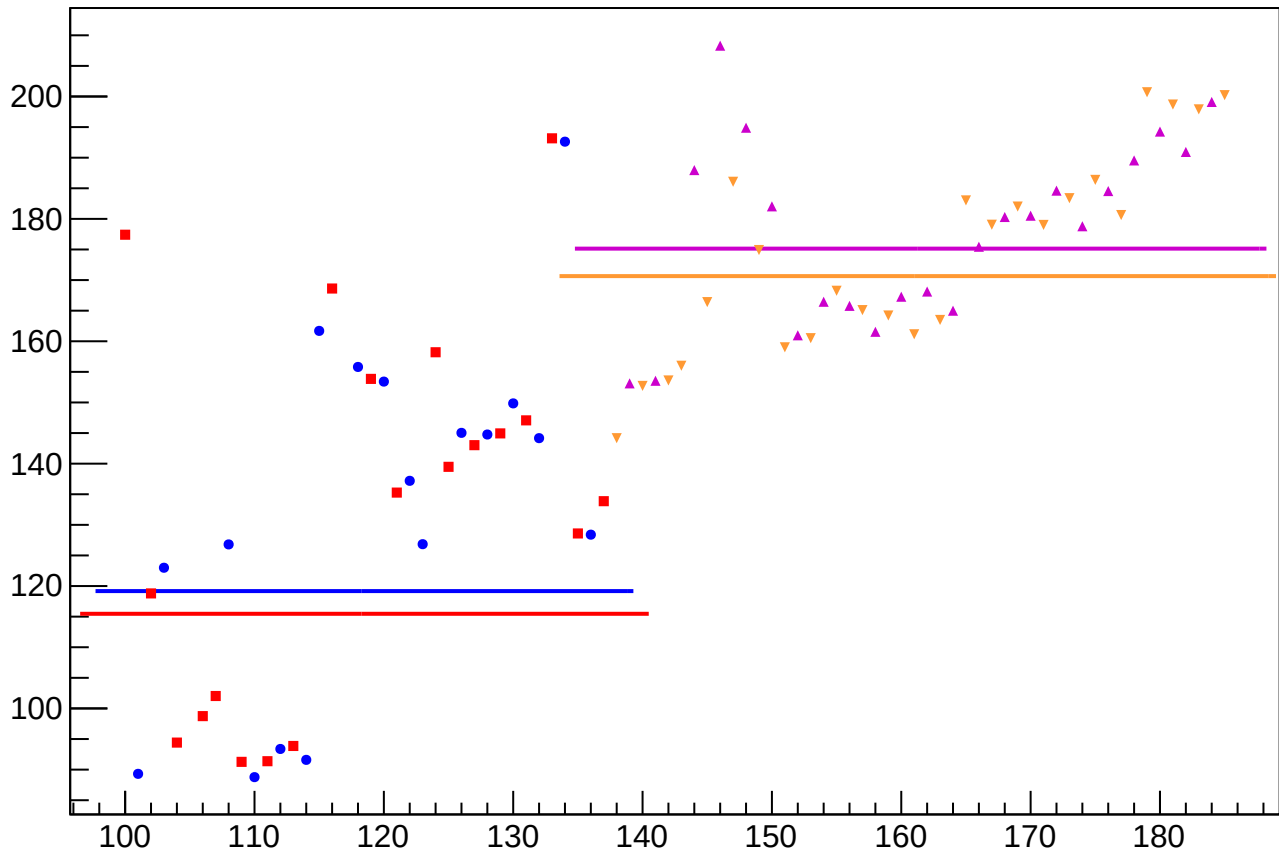
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 145.469 ± 31.344 $\chi^2/\text{NDF}: 77.8/39$

Out: 172.008 ± 29.763 $\chi^2/\text{NDF}: 63.3/43$

All: 159.425 ± 21.583 $\chi^2/\text{NDF}: 141.4/83$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 170.648 $\pm$ 0.028 χ^2 /NDF: 281834.6/24

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 175.139 $\pm$ 0.030 χ^2 /NDF: 234951.0/22

Left: 172.783 $\pm$ 0.020 χ^2 /NDF: 528857.3/47

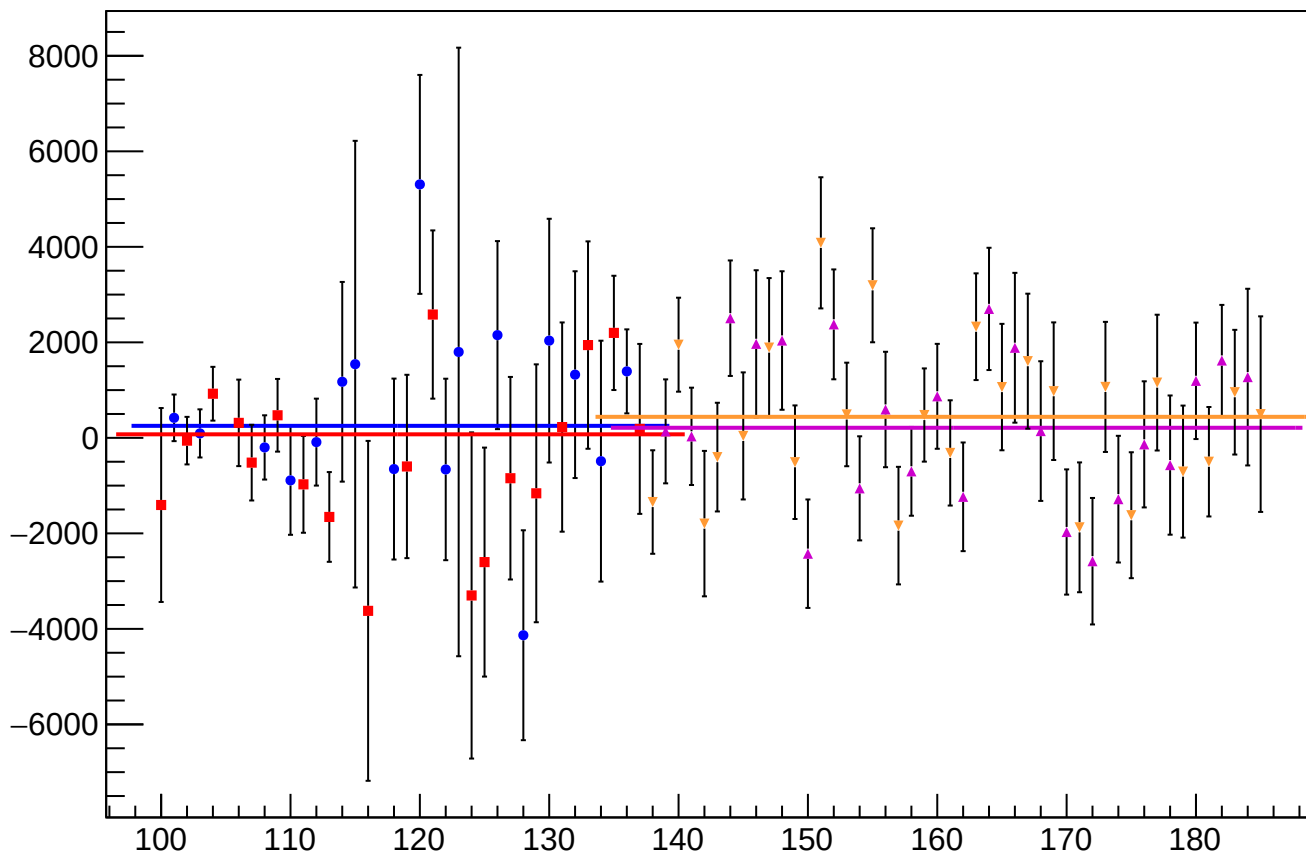
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 150.531 $\pm$ 0.022 χ^2 /NDF: 2421006.3/39

Out: 146.236 $\pm$ 0.021 χ^2 /NDF: 2670498.9/43

All: 148.273 $\pm$ 0.015 χ^2 /NDF: 5111247.6/83

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 440.325+/-249.519 χ^2/NDF : 37.0/24

Right Out: 74.126+/-243.967 χ^2/NDF : 18.0/18

Left In: 211.216+/-256.884 χ^2/NDF : 36.1/22

Left: 329.102+/-178.984 χ^2/NDF : 73.4/47

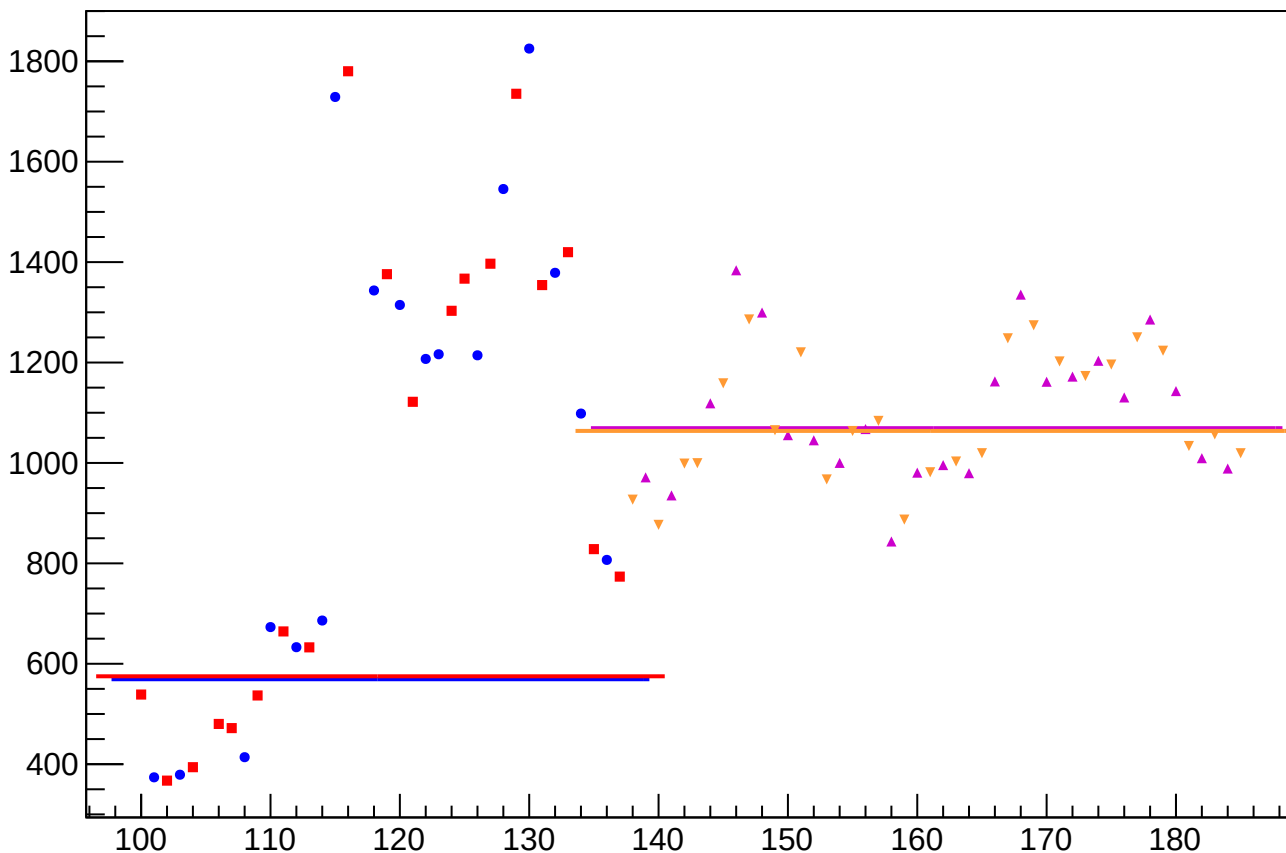
Right: 159.765+/-175.557 χ^2/NDF : 33.1/35

In: 231.798+/-180.190 χ^2/NDF : 51.0/39

Out: 253.106+/-174.441 χ^2/NDF : 56.1/43

All: 242.797+/-125.331 χ^2/NDF : 107.0/83

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1063.802 $\pm$ 0.176 χ^2 /NDF: 492069.2/24

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1069.252 $\pm$ 0.182 χ^2 /NDF: 526609.1/22

Left: 1066.448 $\pm$ 0.127 χ^2 /NDF: 1019141.6/47

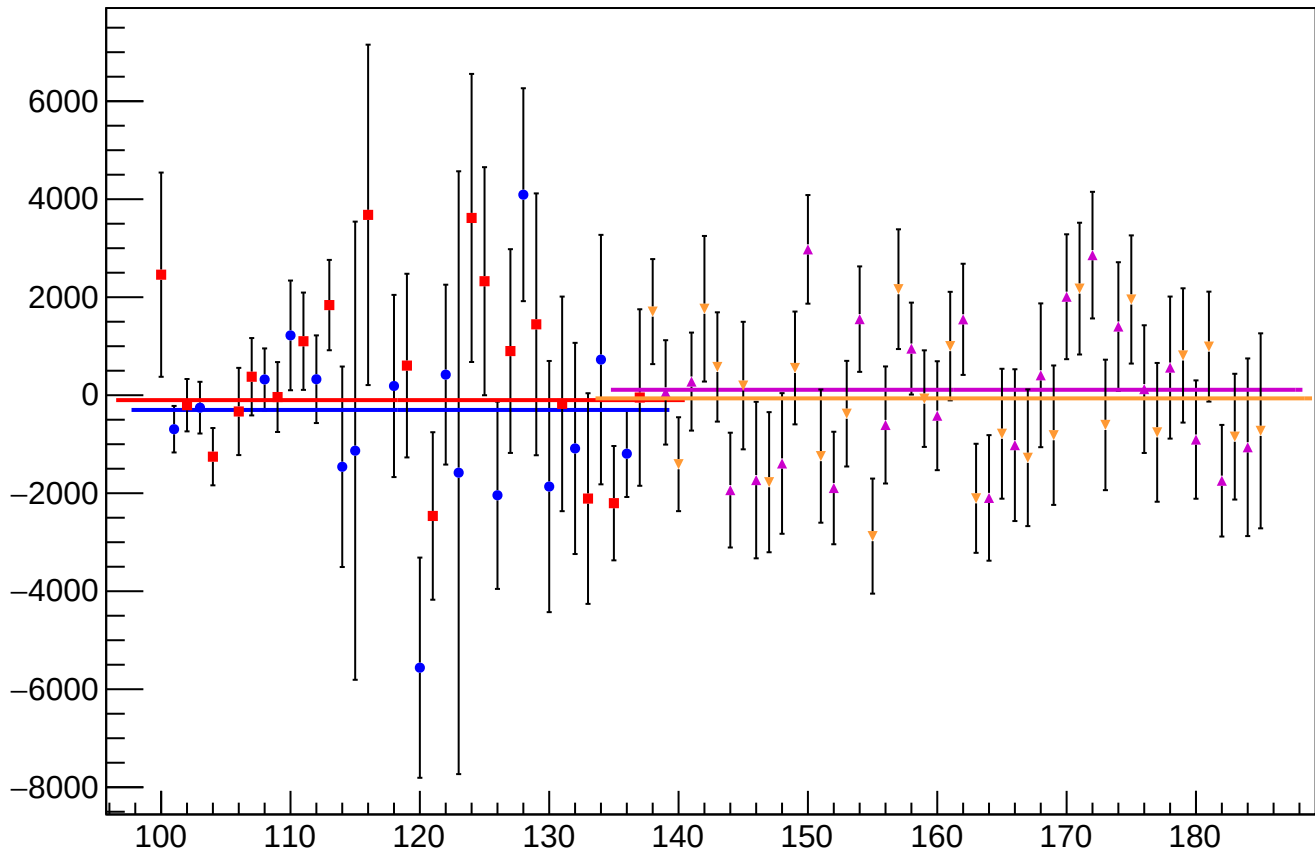
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 815.239 $\pm$ 0.127 χ^2 /NDF: 7643374.8/39

Out: 813.929 $\pm$ 0.123 χ^2 /NDF: 7474090.4/43

All: 814.563 $\pm$ 0.089 χ^2 /NDF: 15117519.8/83

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -64.498 ± 246.445 χ^2/NDF : 31.2/24

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 110.879 ± 254.337 χ^2/NDF : 35.2/22

Left: 20.427 ± 176.987 χ^2/NDF : 66.6/47

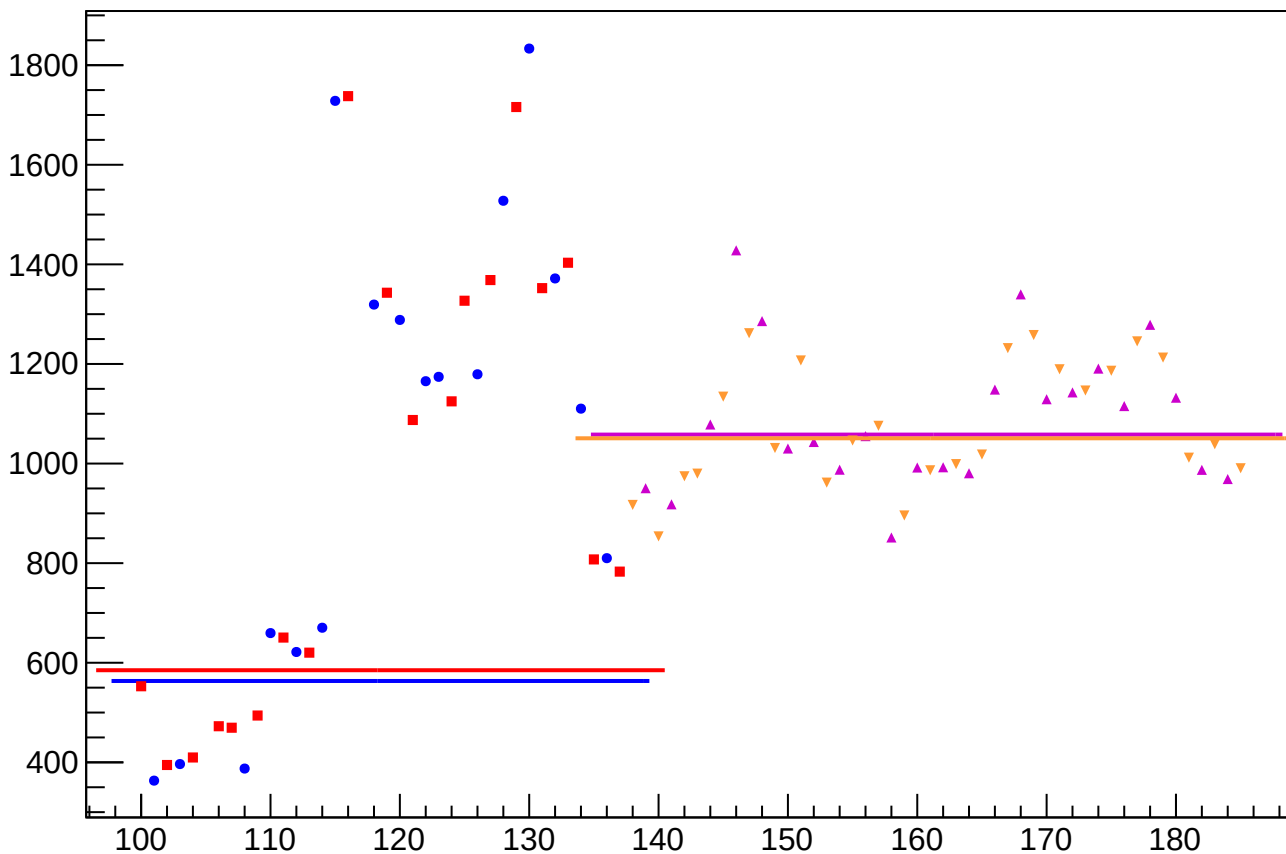
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -98.177 ± 178.400 χ^2/NDF : 53.2/39

Out: -82.257 ± 174.092 χ^2/NDF : 53.6/43

All: -90.022 ± 124.597 χ^2/NDF : 106.8/83

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393 $\pm$ 0.177 χ^2 /NDF: 3259045.7/16

Left Out: 1050.737 $\pm$ 0.174 χ^2 /NDF: 483649.9/24

Right Out: 584.984 $\pm$ 0.174 χ^2 /NDF: 2818628.0/18

Left In: 1058.154 $\pm$ 0.180 χ^2 /NDF: 532260.0/22

Left: 1054.328 $\pm$ 0.125 χ^2 /NDF: 1016787.1/47

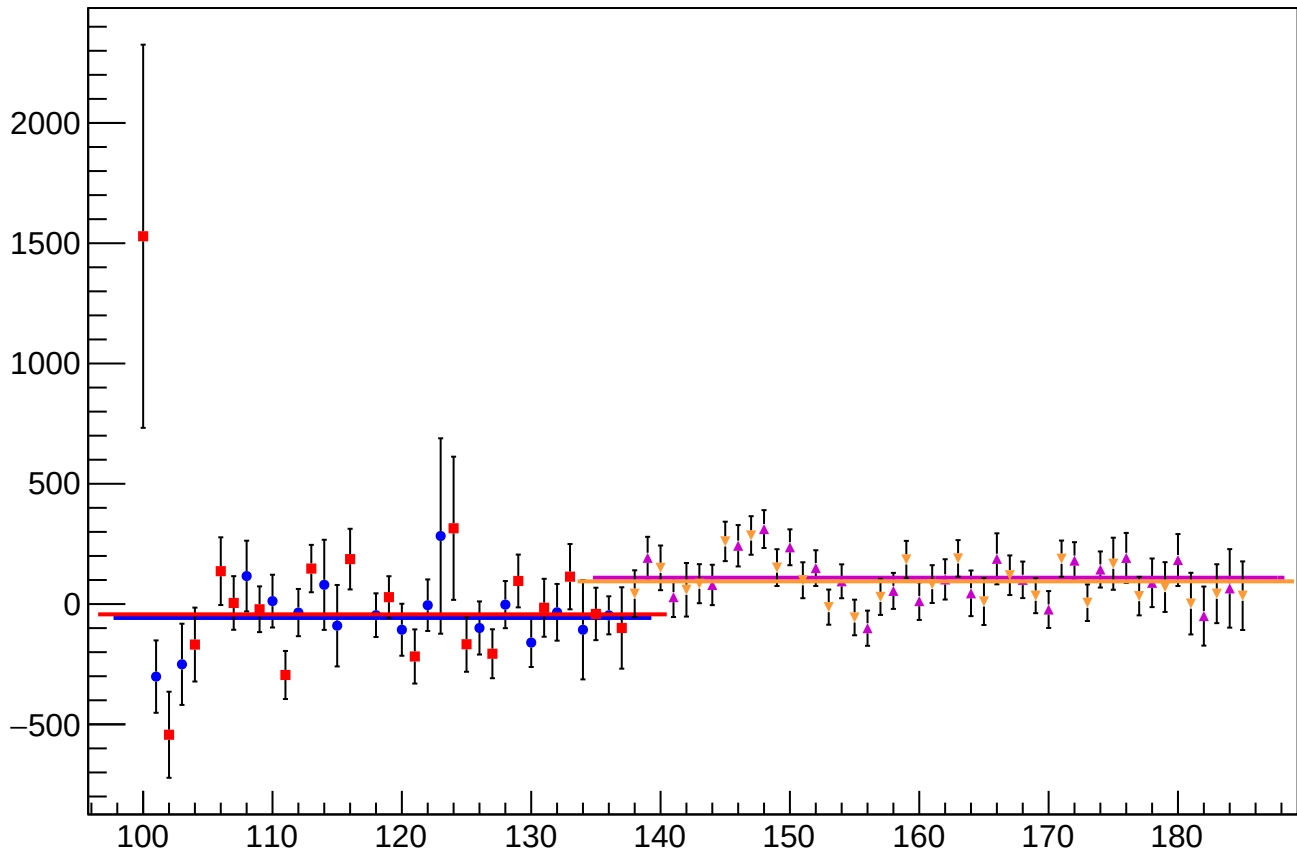
Right: 574.377 $\pm$ 0.124 χ^2 /NDF: 6085244.2/35

In: 806.818 $\pm$ 0.126 χ^2 /NDF: 7635978.8/39

Out: 817.402 $\pm$ 0.123 χ^2 /NDF: 6880976.6/43

All: 812.239 $\pm$ 0.088 χ^2 /NDF: 14520561.4/83

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 χ^2/NDF : 9.1/16

Left Out: 94.497 ± 16.997 χ^2/NDF : 27.5/24

Right Out: -42.790 ± 27.694 χ^2/NDF : 39.1/18

Left In: 109.529 ± 17.618 χ^2/NDF : 32.5/22

Left: 101.743 ± 12.232 χ^2/NDF : 60.3/47

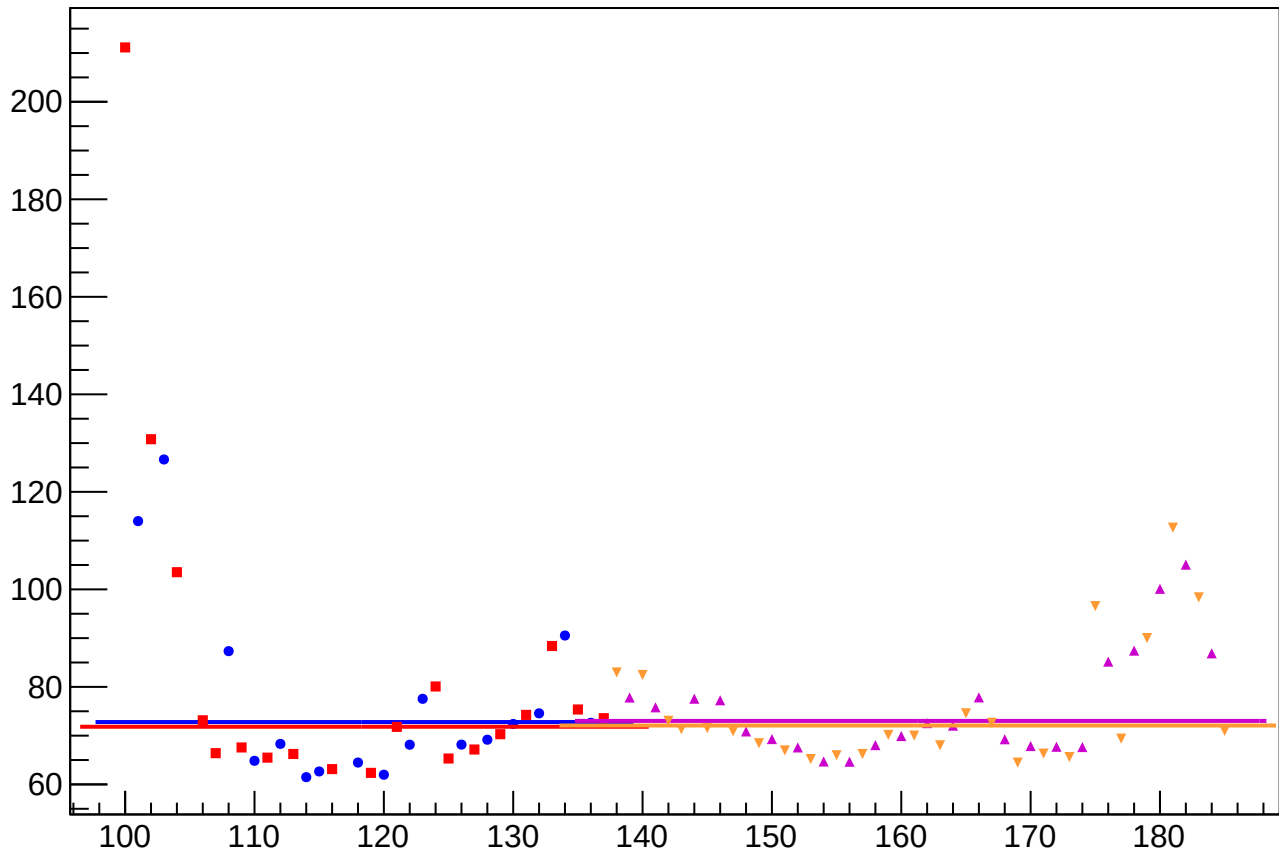
Right: -49.985 ± 19.927 χ^2/NDF : 48.4/35

In: 63.742 ± 15.014 χ^2/NDF : 66.3/39

Out: 56.934 ± 14.486 χ^2/NDF : 84.4/43

All: 60.216 ± 10.425 χ^2/NDF : 150.8/83

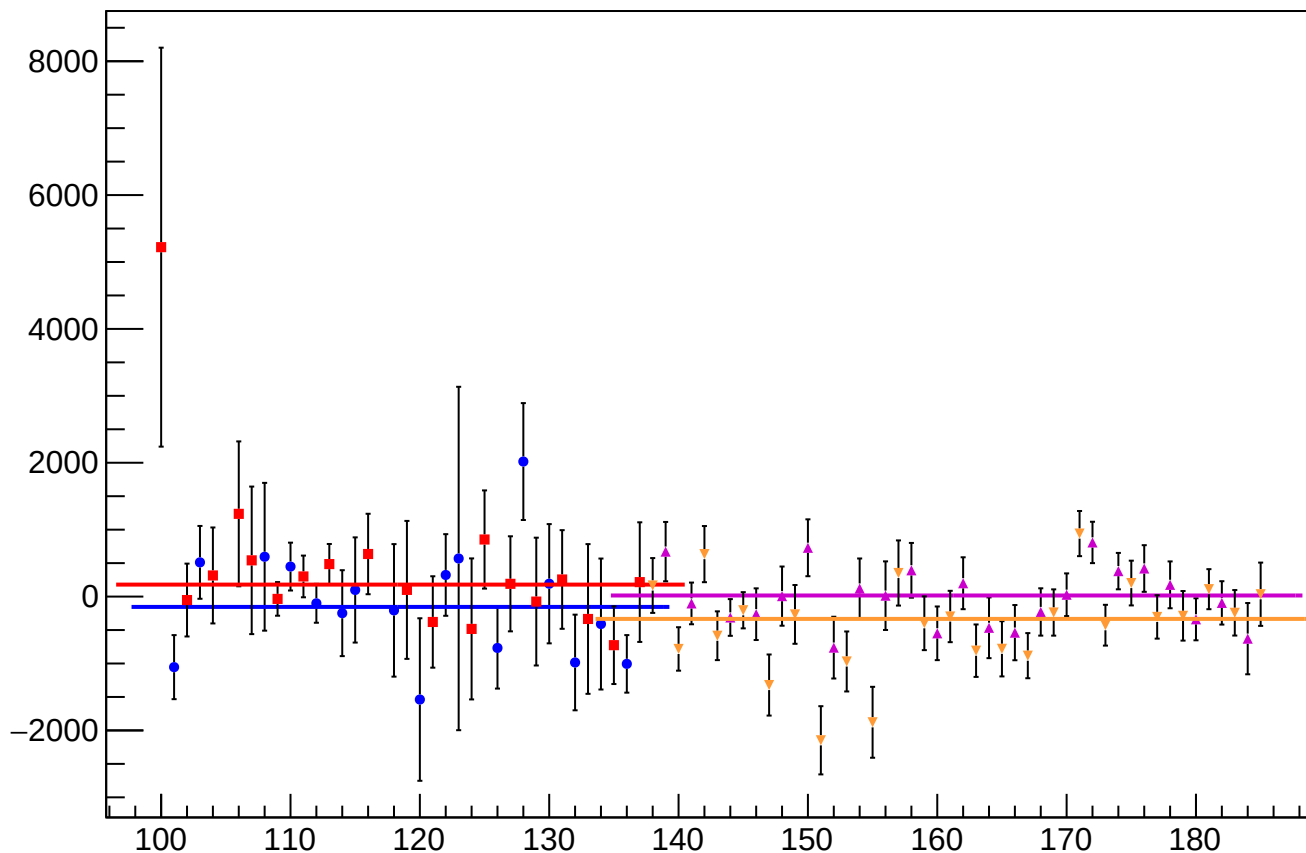
dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16
 Left Out: 72.080 $\pm$ 0.012 χ^2 /NDF:623305.3/24
 Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18
 Left In: 73.025 $\pm$ 0.012 χ^2 /NDF:485154.7/22

Left: 72.536 $\pm$ 0.009 χ^2 /NDF: 1111434.1/47
 Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35
 In: 72.960 $\pm$ 0.011 χ^2 /NDF:950024.8/39
 Out: 72.010 $\pm$ 0.010 χ^2 /NDF:1089084.2/43
 All: 72.468 $\pm$ 0.007 χ^2 /NDF: 2043255.7/83

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -333.427 $\pm$ 74.320 χ^2 /NDF:64.6/24

Right Out: 179.068 $\pm$ 126.107 χ^2 /NDF: 11.3/18

Left In: 16.398 $\pm$ 76.588 χ^2 /NDF:29.3/22

Left: -163.772 $\pm$ 53.336 χ^2 /NDF: 104.6/47

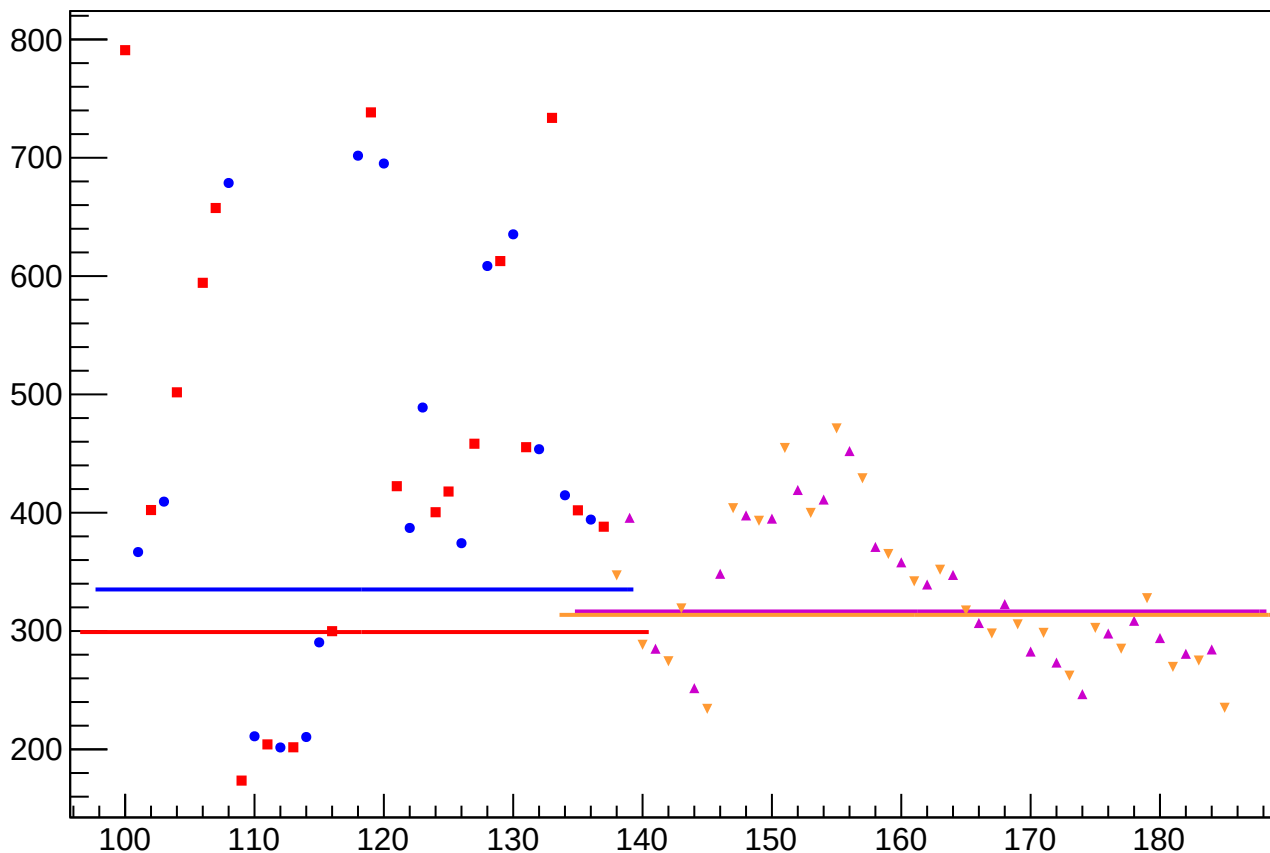
Right: 30.517 $\pm$ 93.908 χ^2 /NDF: 37.6/35

In: -22.643 $\pm$ 67.268 χ^2 /NDF:53.6/39

Out: -201.313 $\pm$ 64.028 χ^2 /NDF:88.1/43

All: -116.385 $\pm$ 46.378 χ^2 /NDF: 145.4/83

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 313.671+/-0.053 χ^2/NDF : 1149701.3/24

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 316.537+/-0.054 χ^2/NDF : 989819.1/22

Left: 315.061+/-0.038 χ^2/NDF : 2140963.2/47

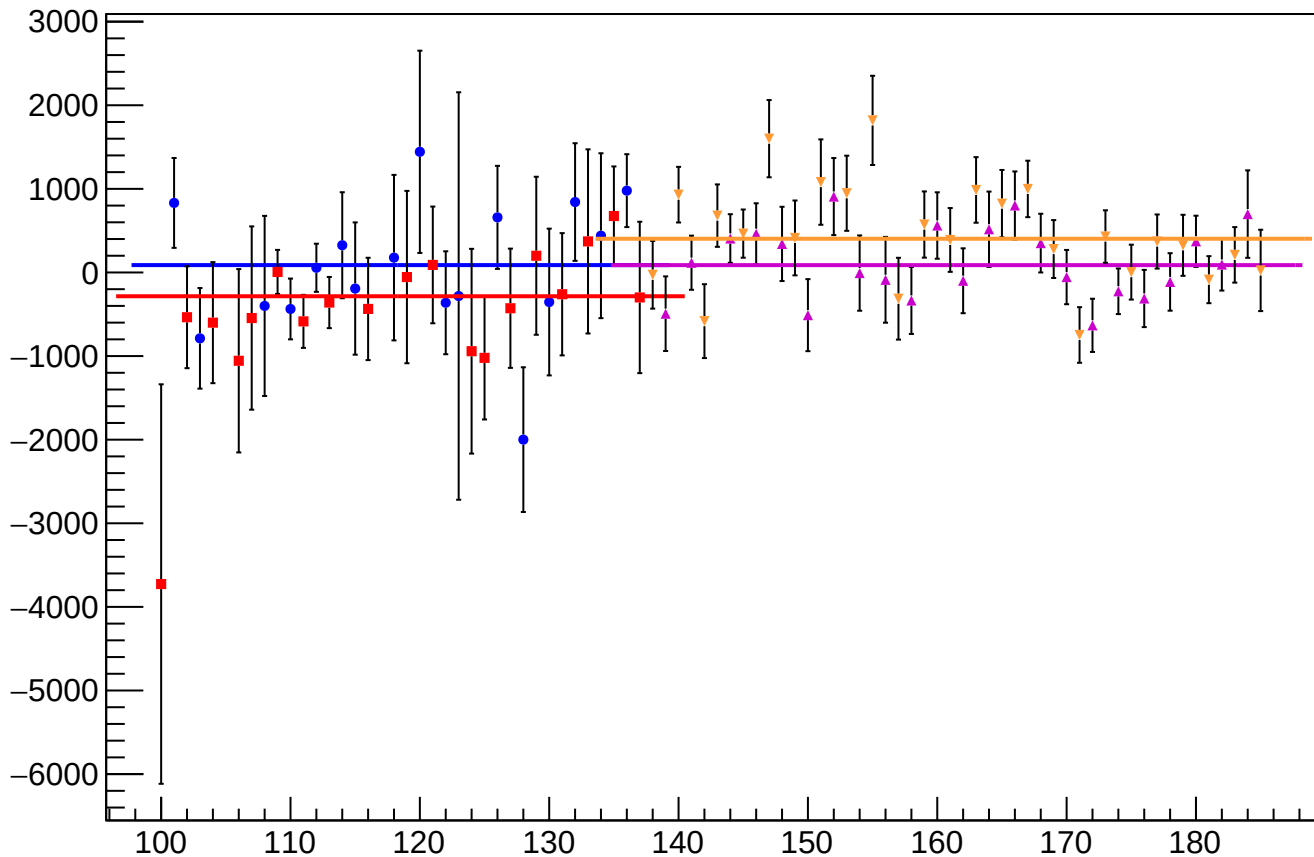
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 320.788+/-0.048 χ^2/NDF : 3010817.9/39

Out: 309.924+/-0.045 χ^2/NDF : 4000513.4/43

All: 315.088+/-0.033 χ^2/NDF : 7038702.5/83

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 403.426 $\pm$ 74.518 χ^2 /NDF: 52.6/24

Right Out: -284.510 $\pm$ 129.675 χ^2 /NDF: 10.1/18

Left In: 87.657 $\pm$ 76.572 χ^2 /NDF: 27.4/22

Left: 249.832 $\pm$ 53.404 χ^2 /NDF: 88.7/47

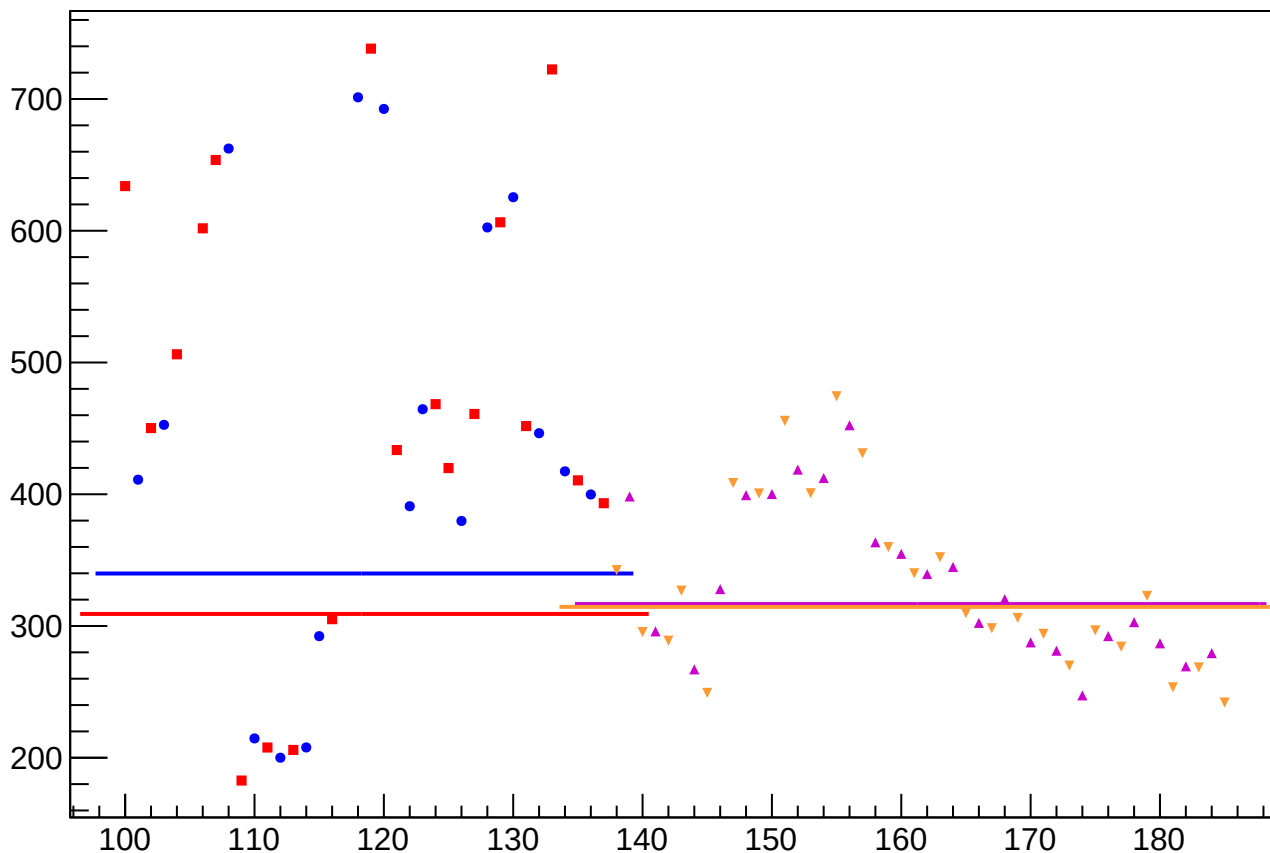
Right: -116.387 $\pm$ 96.066 χ^2 /NDF: 34.7/35

In: 87.759 $\pm$ 67.505 χ^2 /NDF: 48.2/39

Out: 232.646 $\pm$ 64.610 χ^2 /NDF: 83.8/43

All: 163.376 $\pm$ 46.676 χ^2 /NDF: 134.5/83

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 314.522+/-0.053 χ^2/NDF :1113120.5/24

Right Out: 309.158+/-0.092 χ^2/NDF : 2735887.4/18

Left In: 316.616+/-0.054 χ^2/NDF :929652.0/22

Left: 315.541+/-0.038 χ^2/NDF : 2043541.1/47

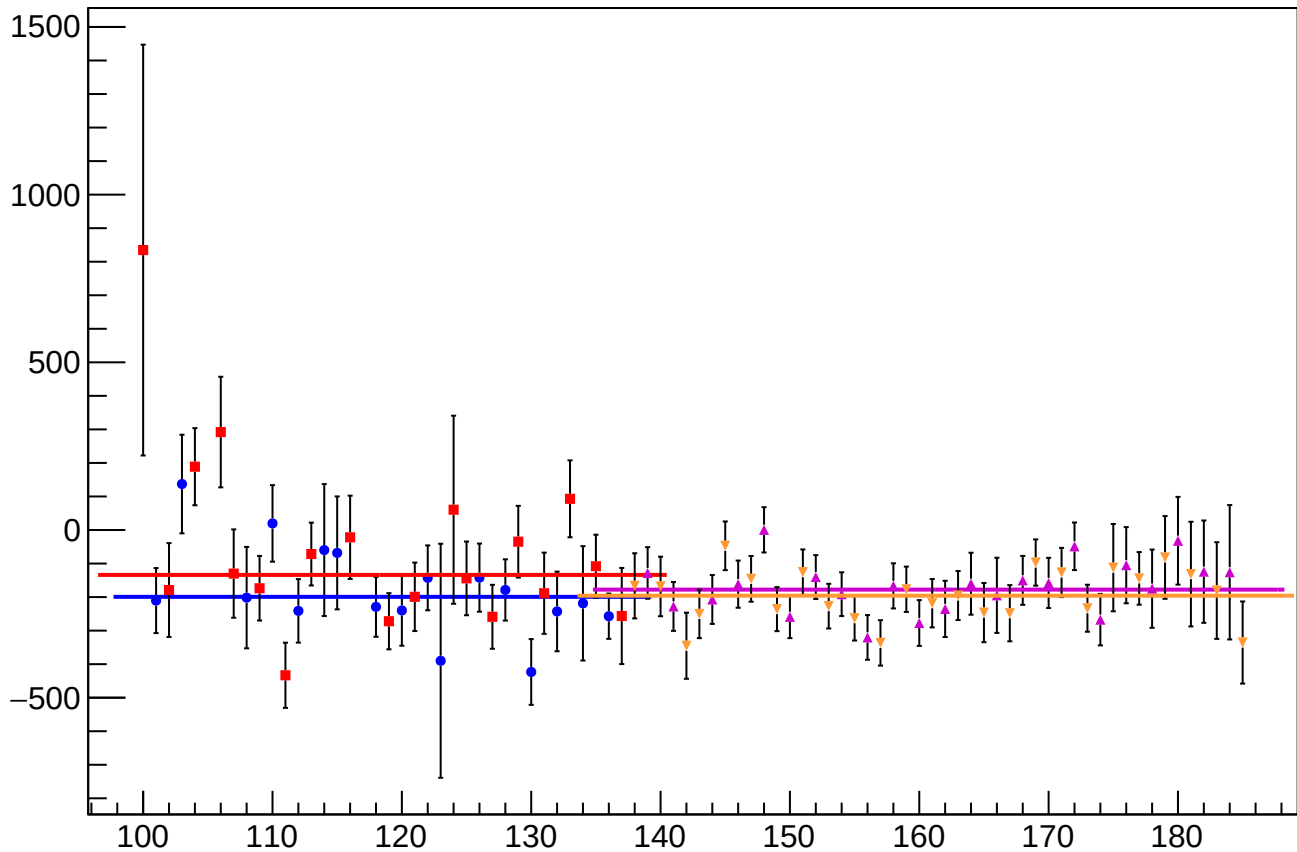
Right: 323.006+/-0.068 χ^2/NDF : 4829958.1/35

In: 321.792+/-0.048 χ^2/NDF :3014196.3/39

Out: 313.190+/-0.046 χ^2/NDF :3851579.9/43

All: 317.303+/-0.033 χ^2/NDF : 6882725.8/83

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -195.847 ± 15.882 $\chi^2/\text{NDF}: 22.1/24$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -177.739 ± 16.445 $\chi^2/\text{NDF}: 24.1/22$

Left: -187.108 ± 11.424 $\chi^2/\text{NDF}: 46.8/47$

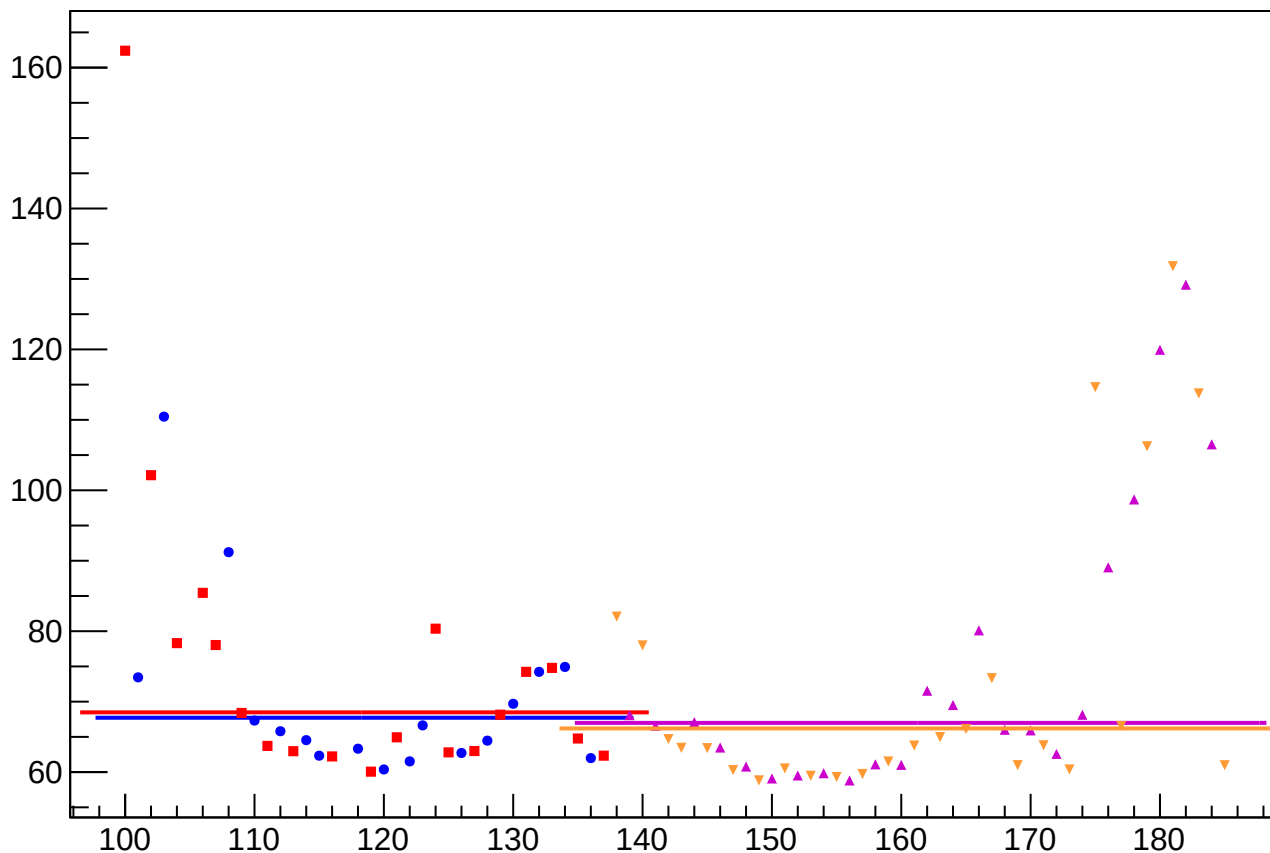
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -183.715 ± 13.976 $\chi^2/\text{NDF}: 42.2/39$

Out: -179.212 ± 13.585 $\chi^2/\text{NDF}: 65.4/43$

All: -181.400 ± 9.741 $\chi^2/\text{NDF}: 107.6/83$

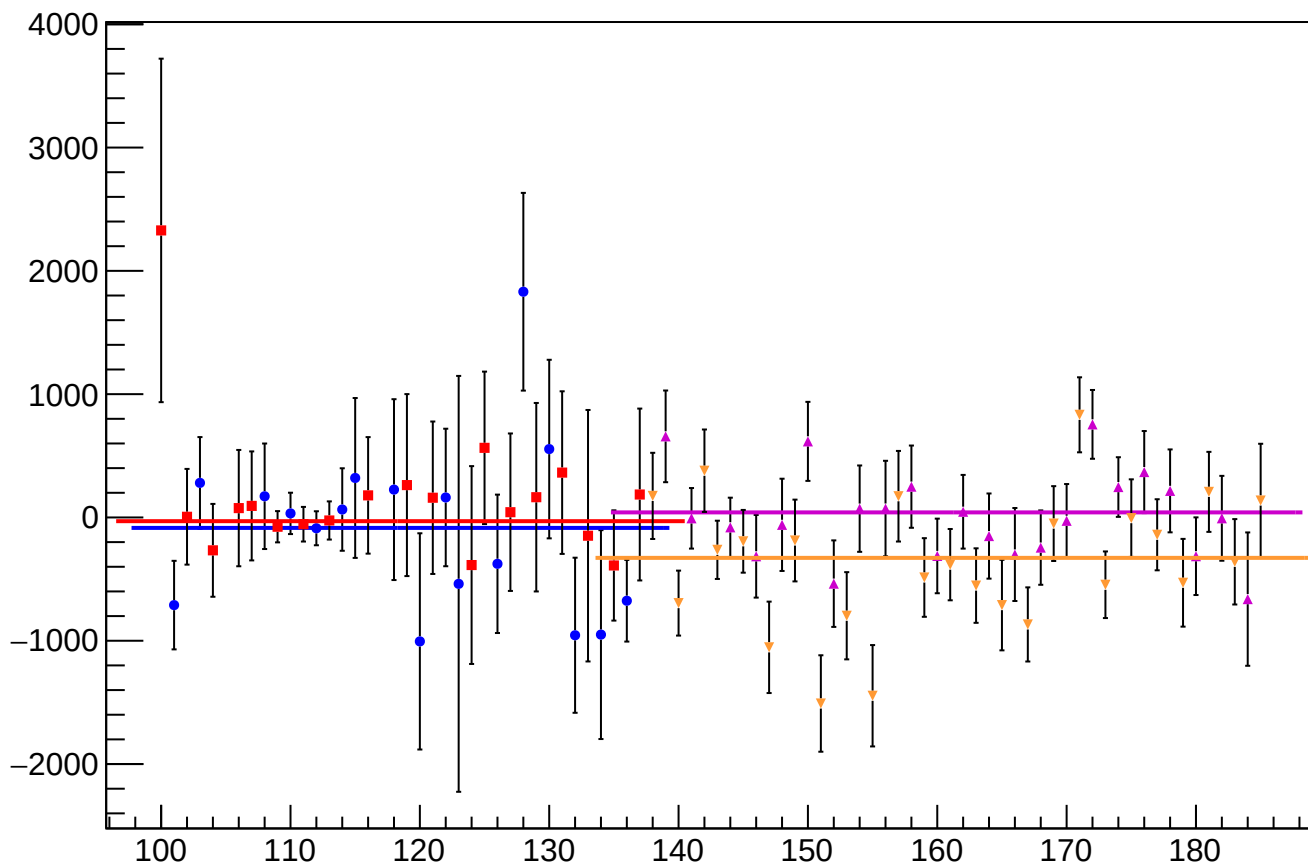
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$
 Left Out: 66.196 ± 0.011 $\chi^2/\text{NDF}: 1326282.7/24$
 Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$
 Left In: 66.986 ± 0.012 $\chi^2/\text{NDF}: 1169016.2/22$

Left: 66.577 ± 0.008 $\chi^2/\text{NDF}: 2497684.2/47$
 Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$
 In: 67.189 ± 0.010 $\chi^2/\text{NDF}: 1453002.1/39$
 Out: 66.809 ± 0.010 $\chi^2/\text{NDF}: 1618810.1/43$
 All: 66.994 ± 0.007 $\chi^2/\text{NDF}: 3072569.5/83$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -327.782 ± 63.458 $\chi^2/\text{NDF}: 59.7/24$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 41.000 ± 66.172 $\chi^2/\text{NDF}: 25.5/22$

Left: -151.108 ± 45.801 $\chi^2/\text{NDF}: 101.4/47$

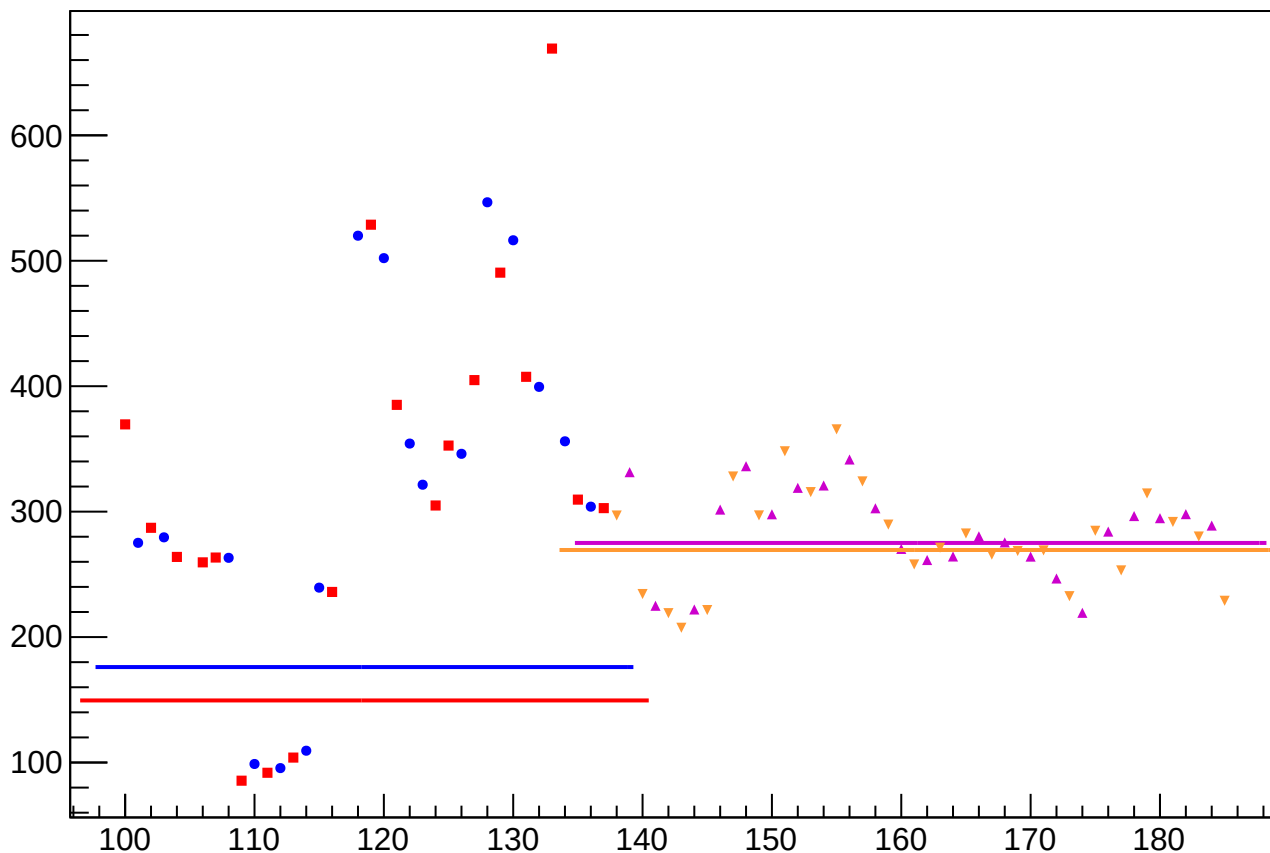
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -8.111 ± 51.660 $\chi^2/\text{NDF}: 46.8/39$

Out: -192.840 ± 46.912 $\chi^2/\text{NDF}: 76.0/43$

All: -109.352 ± 34.729 $\chi^2/\text{NDF}: 129.8/83$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.424 $\pm$ 0.045 χ^2/NDF : 755872.4/24

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 275.043 $\pm$ 0.047 χ^2/NDF : 605074.4/22

Left: 272.116 $\pm$ 0.032 χ^2/NDF : 1368459.3/47

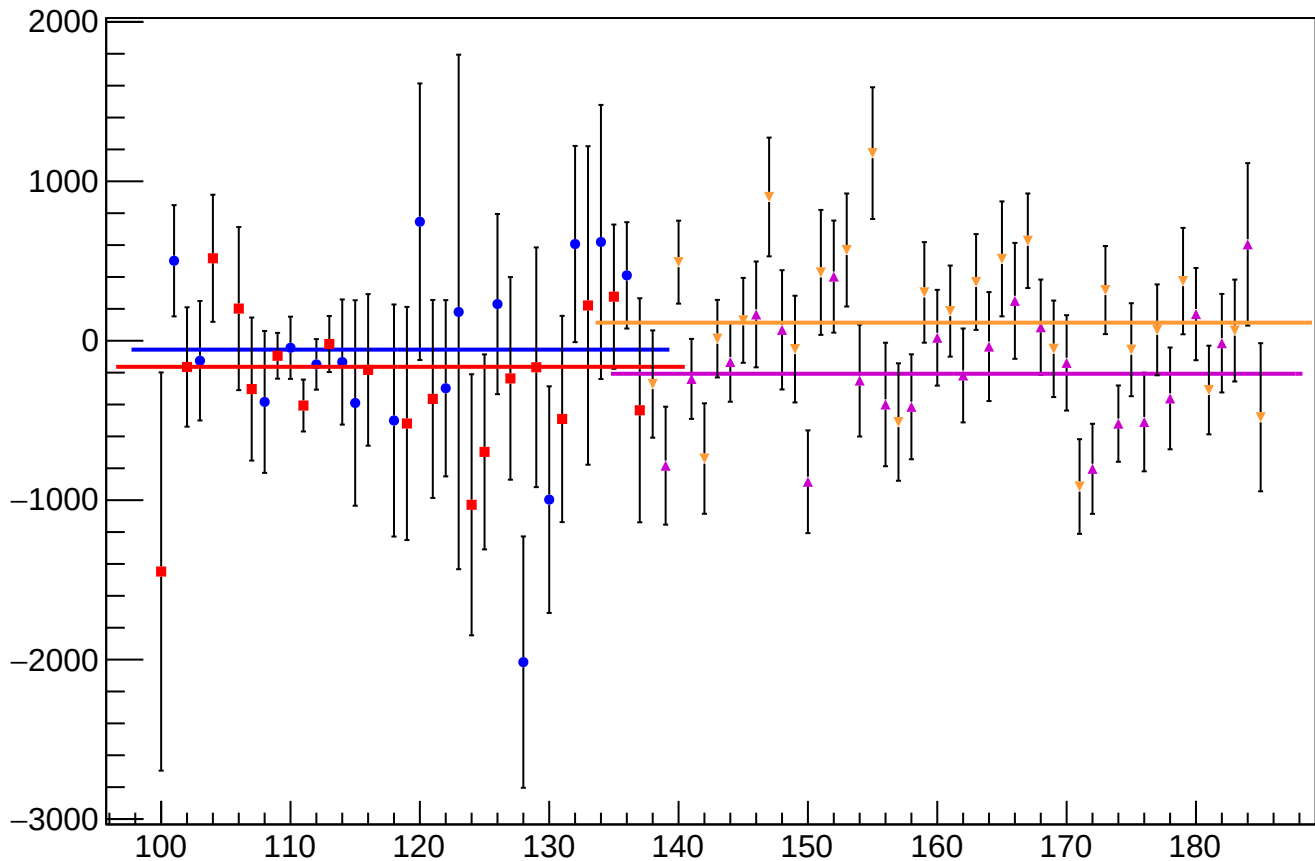
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 236.403 $\pm$ 0.037 χ^2/NDF : 6575061.9/39

Out: 215.032 $\pm$ 0.033 χ^2/NDF : 8816933.1/43

All: 224.690 $\pm$ 0.025 χ^2/NDF : 15579577.6/83

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 χ^2/NDF : 17.1/16

Left Out: 113.444 ± 62.621 χ^2/NDF : 49.3/24

Right Out: -163.564 ± 76.926 χ^2/NDF : 11.4/18

Left In: -207.047 ± 65.246 χ^2/NDF : 27.8/22

Left: -40.224 ± 45.179 χ^2/NDF : 89.6/47

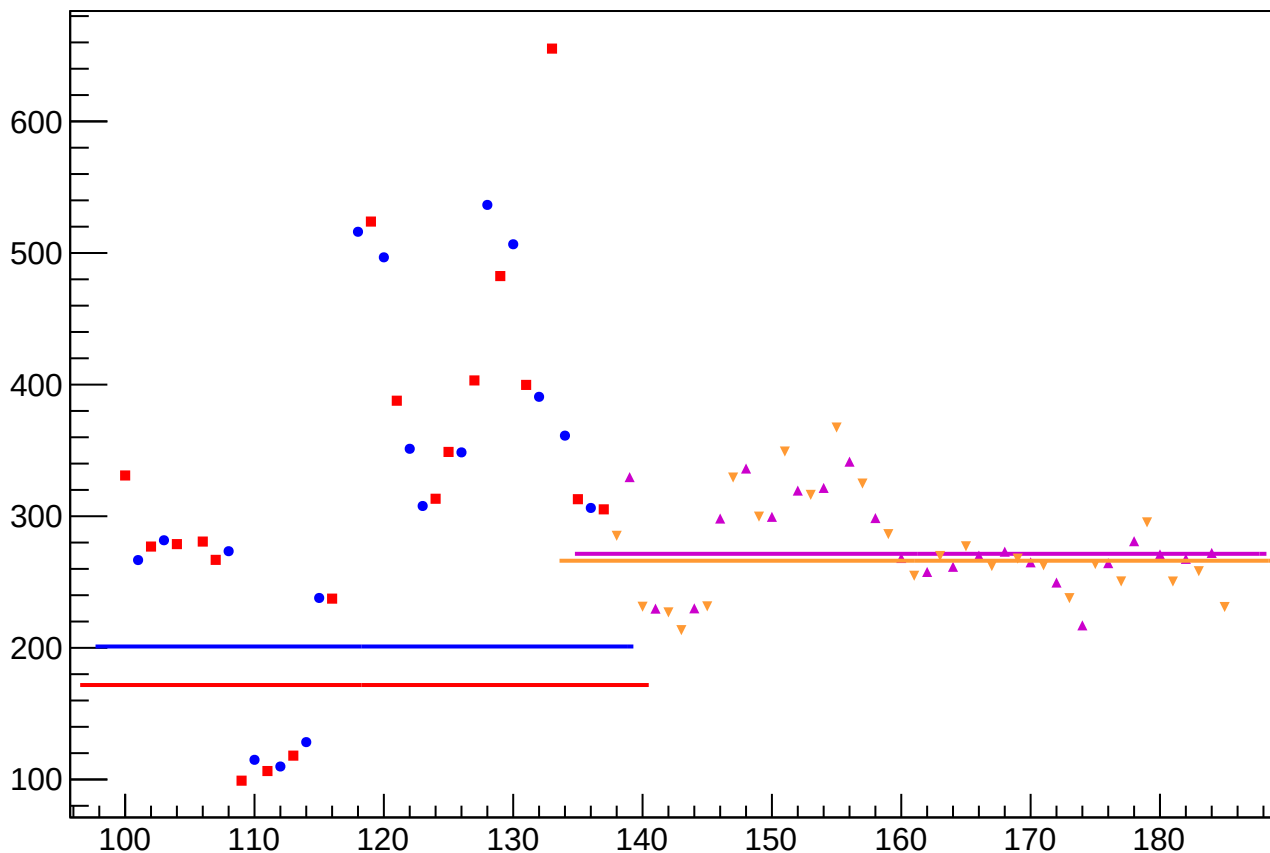
Right: -118.372 ± 58.632 χ^2/NDF : 29.4/35

In: -155.347 ± 52.940 χ^2/NDF : 46.8/39

Out: 3.040 ± 48.564 χ^2/NDF : 68.6/43

All: -69.339 ± 35.787 χ^2/NDF : 120.2/83

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 266.200 $\pm$ 0.044 χ^2/NDF :650057.8/24

Right Out: 171.765 $\pm$ 0.054 χ^2/NDF : 4098218.1/18

Left In: 271.451 $\pm$ 0.046 χ^2/NDF :530897.8/22

Left: 268.718 $\pm$ 0.032 χ^2/NDF : 1187698.6/47

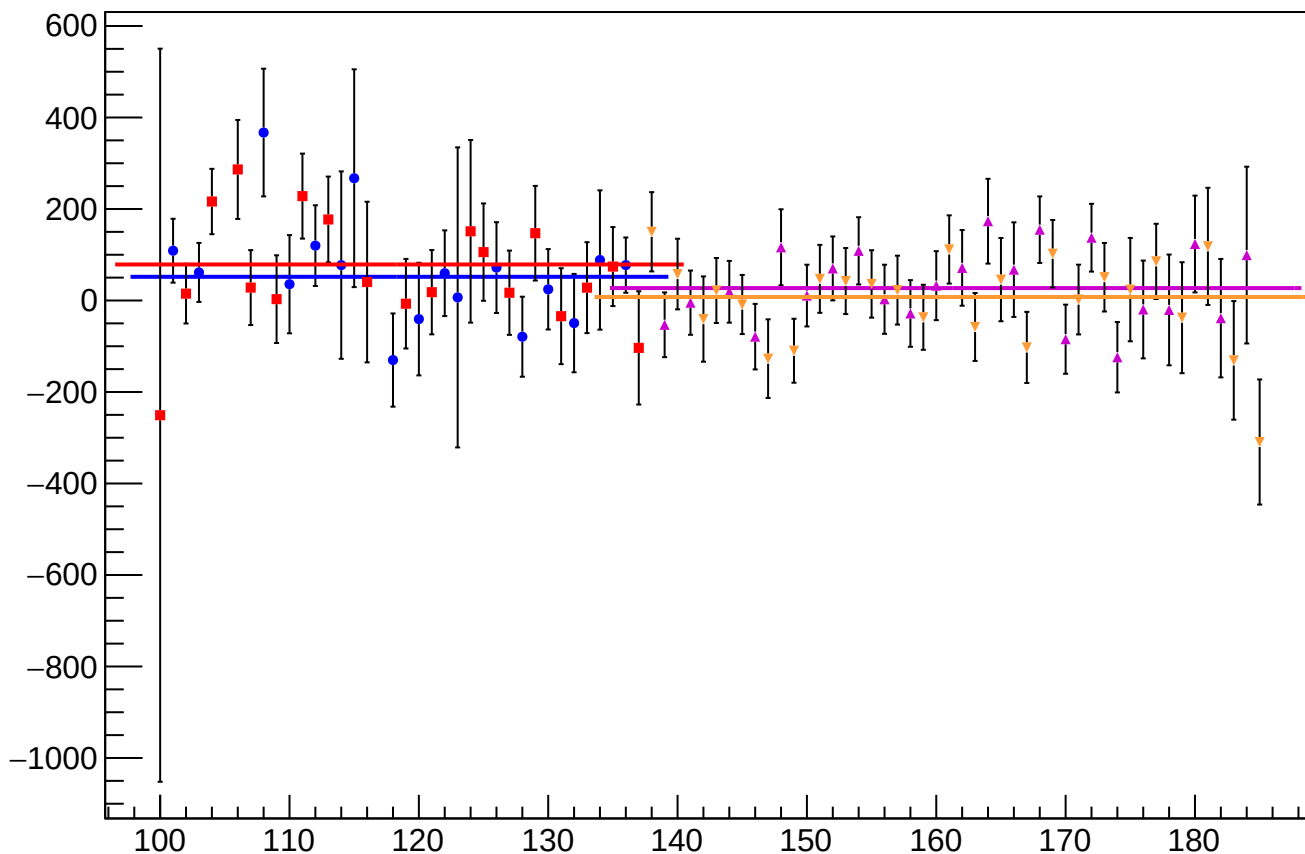
Right: 184.032 $\pm$ 0.041 χ^2/NDF : 7652597.2/35

In: 247.394 $\pm$ 0.037 χ^2/NDF :4759756.2/39

Out: 228.562 $\pm$ 0.034 χ^2/NDF :6561037.1/43

All: 237.168 $\pm$ 0.025 χ^2/NDF : 11458216.1/83

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.661 $\pm$ 16.276 χ^2 /NDF:25.1/24

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 27.136 $\pm$ 16.869 χ^2 /NDF:23.0/22

Left: 17.050 $\pm$ 11.713 χ^2 /NDF: 48.8/47

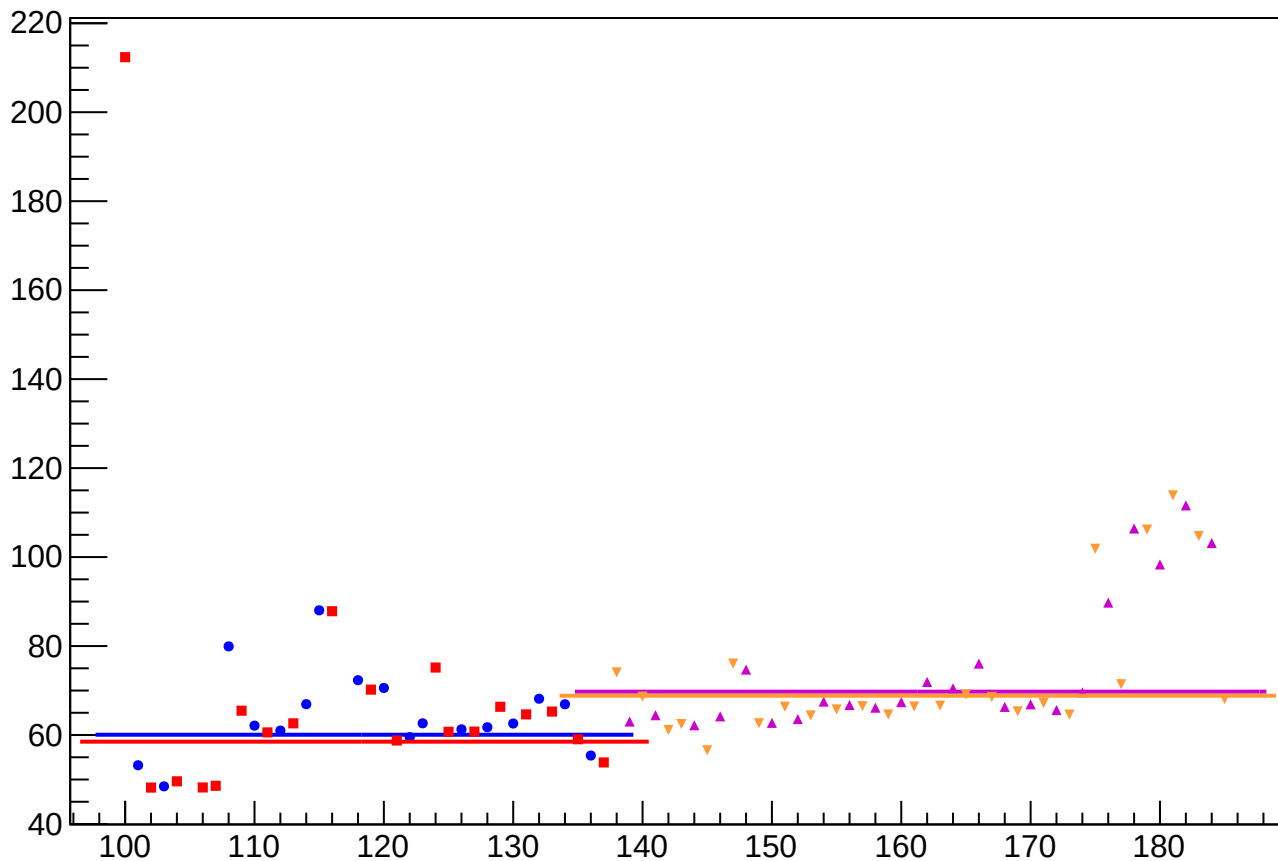
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.505 $\pm$ 13.711 χ^2 /NDF:38.3/39

Out: 32.094 $\pm$ 13.185 χ^2 /NDF:50.8/43

All: 33.733 $\pm$ 9.504 χ^2 /NDF: 89.1/83

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 ± 0.017 $\chi^2/\text{NDF}: 229098.7/16$

Left Out: 68.835 ± 0.012 $\chi^2/\text{NDF}: 941091.5/24$

Right Out: 58.508 ± 0.016 $\chi^2/\text{NDF}: 348822.3/18$

Left In: 69.750 ± 0.012 $\chi^2/\text{NDF}: 813672.8/22$

Left: 69.276 ± 0.008 $\chi^2/\text{NDF}: 1757814.8/47$

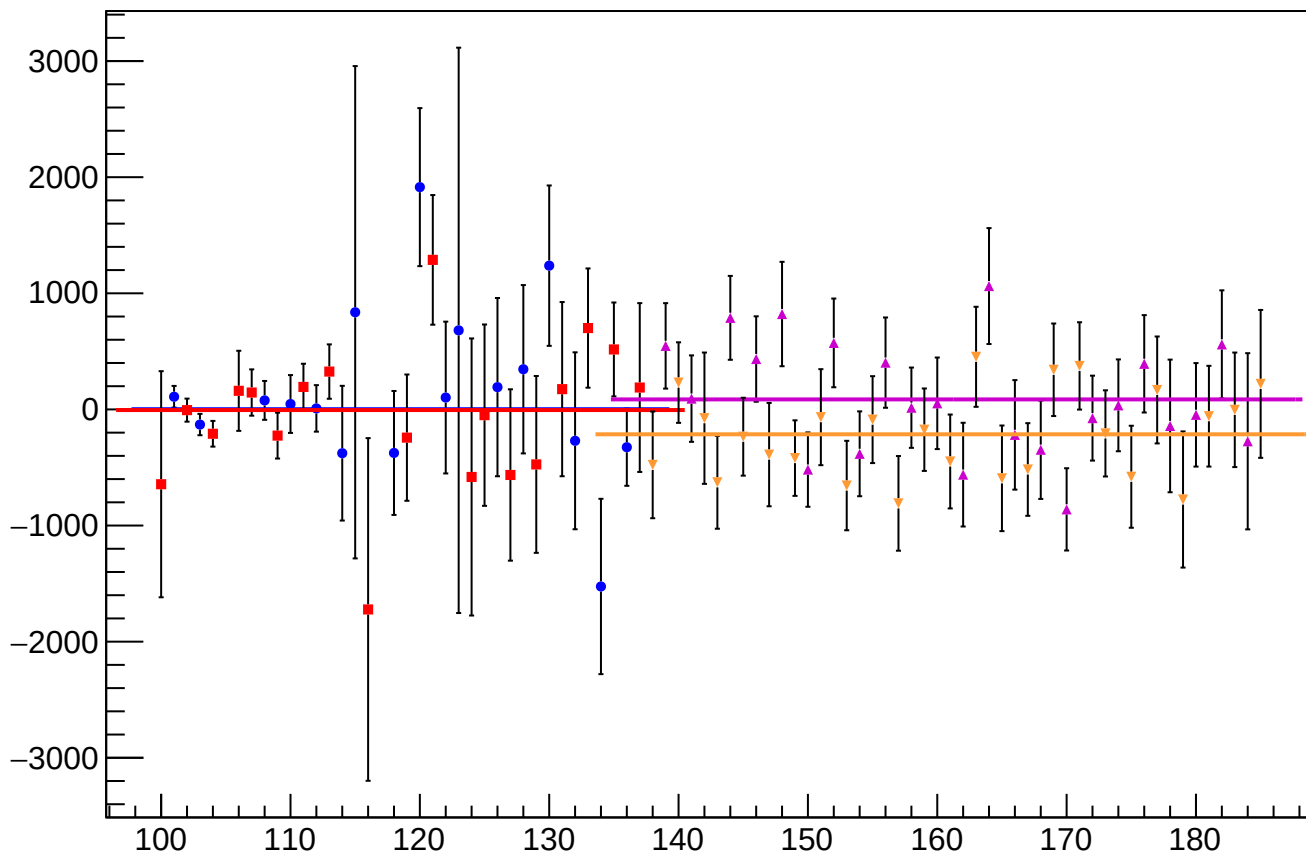
Right: 59.251 ± 0.011 $\chi^2/\text{NDF}: 582496.2/35$

In: 66.464 ± 0.010 $\chi^2/\text{NDF}: 1266468.8/39$

Out: 65.285 ± 0.009 $\chi^2/\text{NDF}: 1566630.9/43$

All: 65.852 ± 0.007 $\chi^2/\text{NDF}: 2840775.8/83$

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: -214.149 ± 82.348 $\chi^2/\text{NDF}: 18.8/24$

Right Out: -5.402 ± 56.516 $\chi^2/\text{NDF}: 20.7/18$

Left In: 86.274 ± 84.158 $\chi^2/\text{NDF}: 33.3/22$

Left: -67.203 ± 58.859 $\chi^2/\text{NDF}: 58.6/47$

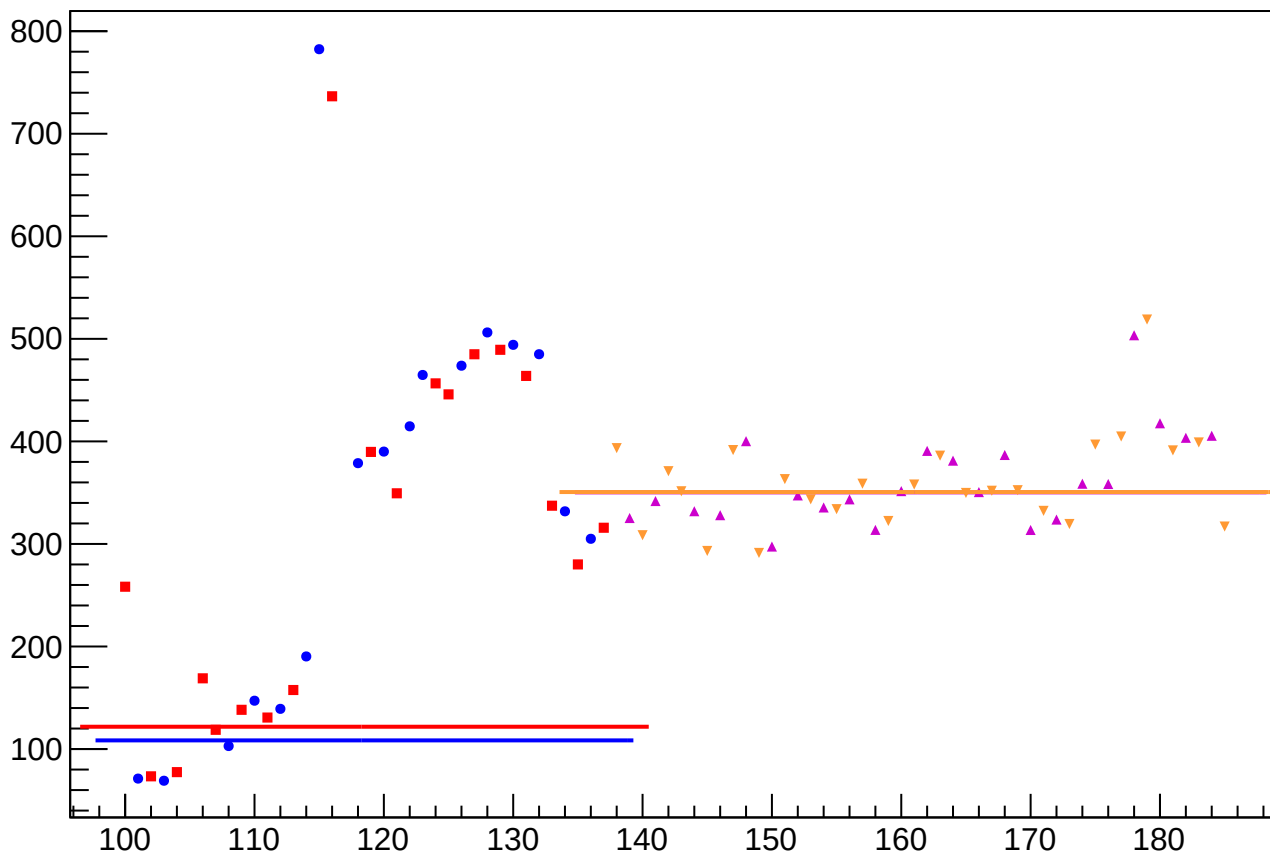
Right: -1.770 ± 39.150 $\chi^2/\text{NDF}: 42.1/35$

In: 26.465 ± 45.618 $\chi^2/\text{NDF}: 55.4/39$

Out: -72.242 ± 46.598 $\chi^2/\text{NDF}: 43.9/43$

All: -21.840 ± 32.597 $\chi^2/\text{NDF}: 101.5/83$

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: 350.605 $\pm$ 0.058 χ^2 /NDF: 501654.9/24

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 350.292 $\pm$ 0.060 χ^2 /NDF: 427103.1/22

Left: 350.452 $\pm$ 0.042 χ^2 /NDF: 928772.2/47

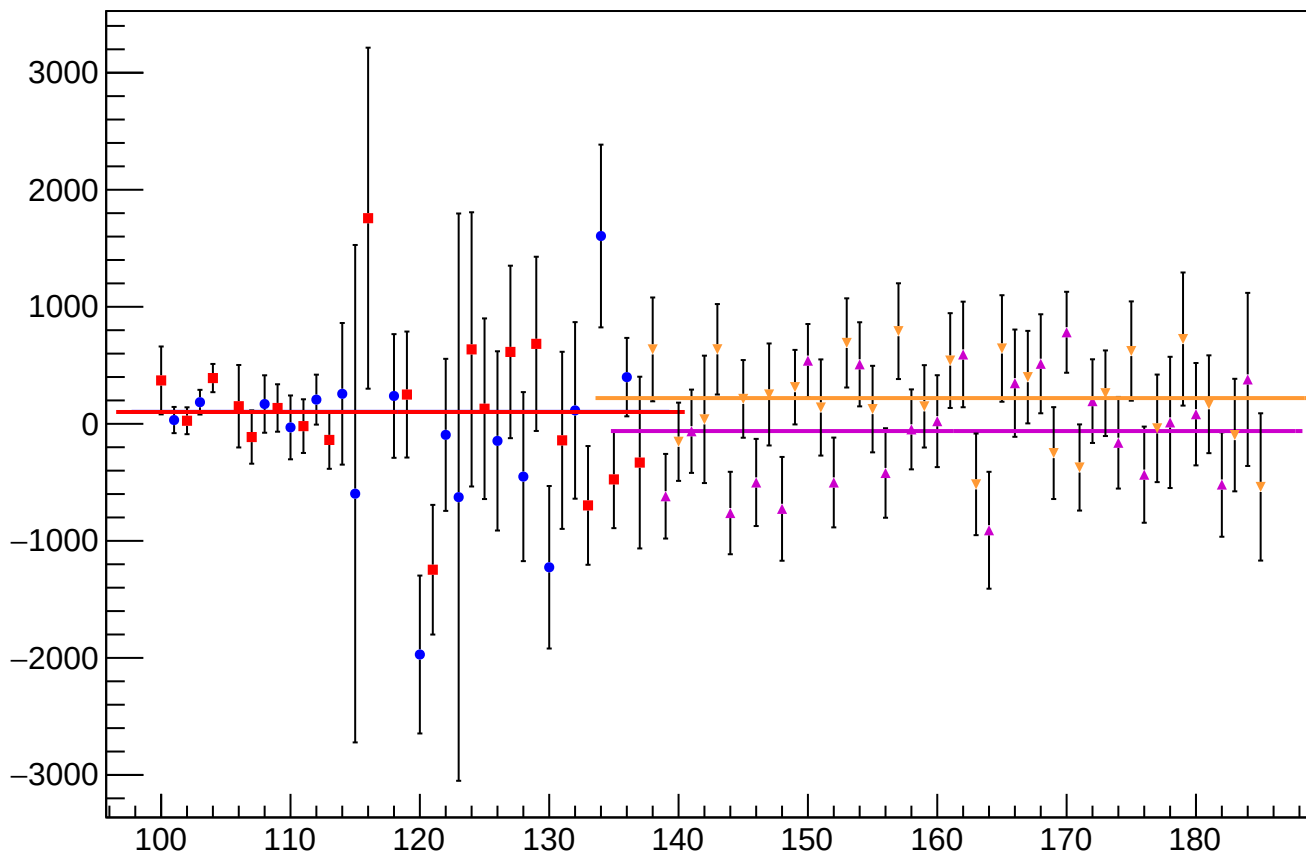
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 179.503 $\pm$ 0.032 χ^2 /NDF: 17494914.7/39

Out: 195.039 $\pm$ 0.033 χ^2 /NDF: 15772228.7/43

All: 187.106 $\pm$ 0.023 χ^2 /NDF: 33380671.4/83

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 220.018 $\pm$ 80.994 χ^2 /NDF:19.7/24

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -61.730 $\pm$ 82.841 χ^2 /NDF:34.9/22

Left: 82.320 $\pm$ 57.913 χ^2 /NDF: 60.5/47

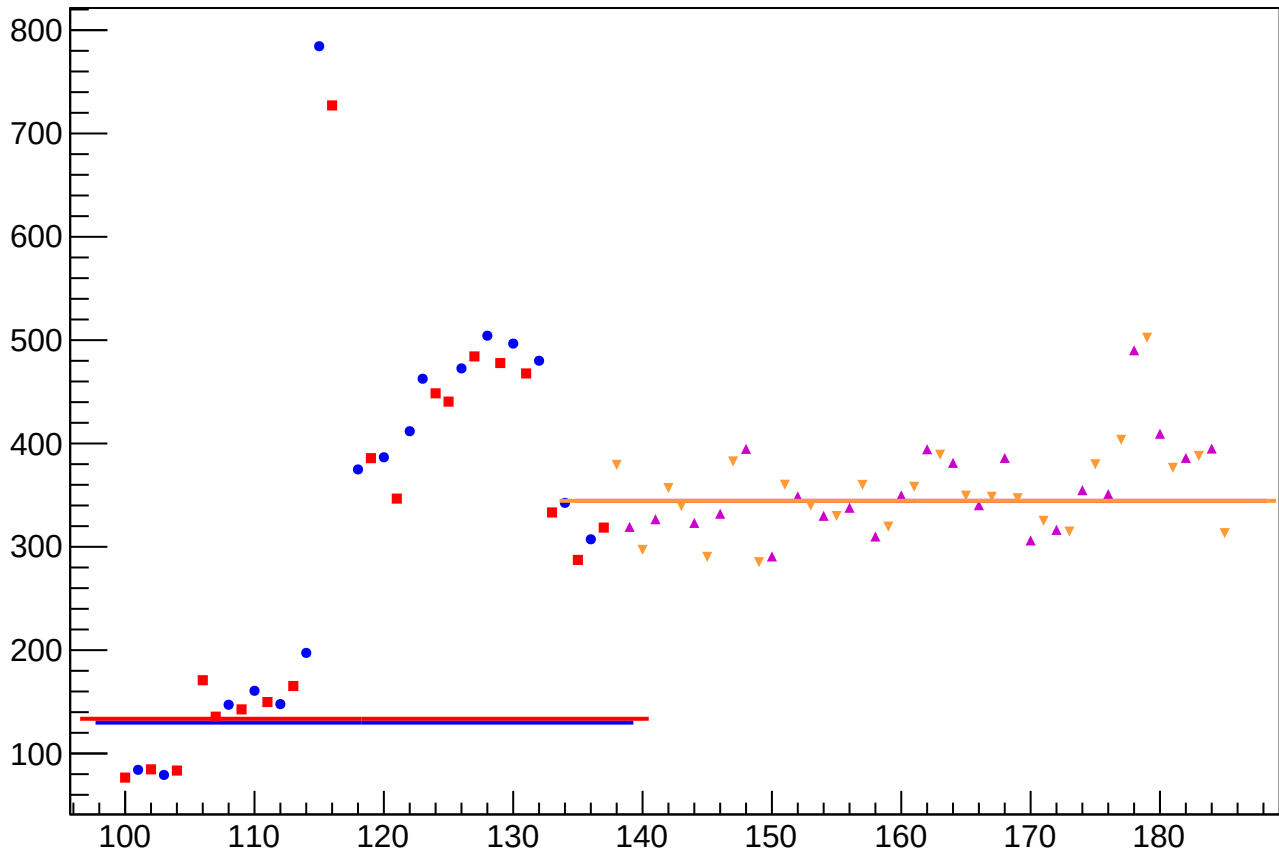
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 41.991 $\pm$ 50.211 χ^2 /NDF:57.7/39

Out: 144.096 $\pm$ 48.648 χ^2 /NDF:43.7/43

All: 94.657 $\pm$ 34.939 χ^2 /NDF: 103.5/83

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2 /NDF: 4829521.2/16

Left Out: 344.512 $\pm$ 0.057 χ^2 /NDF: 488419.6/24

Right Out: 133.604 $\pm$ 0.043 χ^2 /NDF: 4363378.8/18

Left In: 344.475 $\pm$ 0.059 χ^2 /NDF: 433401.7/22

Left: 344.494 $\pm$ 0.041 χ^2 /NDF: 921821.5/47

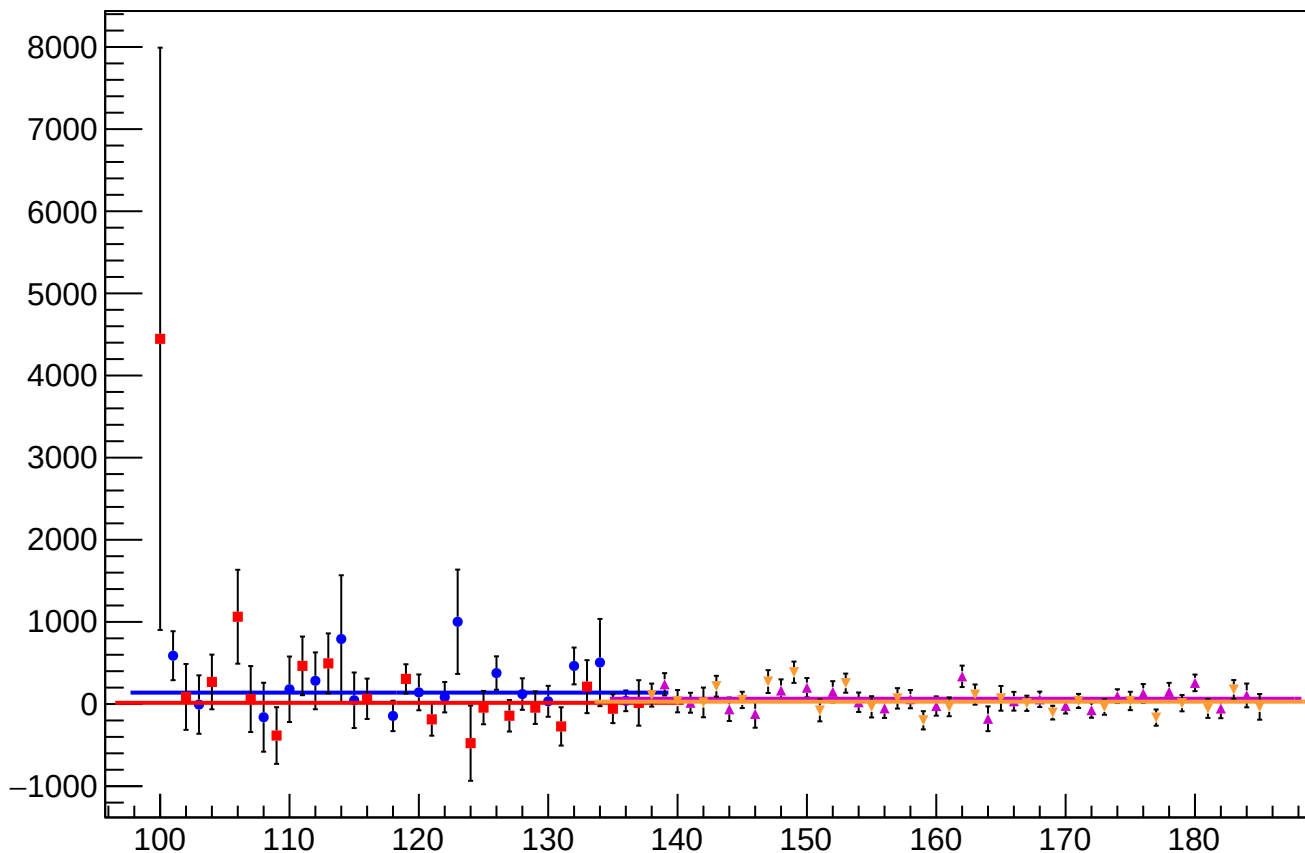
Right: 131.813 $\pm$ 0.031 χ^2 /NDF: 9196501.4/35

In: 208.717 $\pm$ 0.036 χ^2 /NDF: 13753068.3/39

Out: 209.692 $\pm$ 0.034 χ^2 /NDF: 13520903.4/43

All: 209.220 $\pm$ 0.025 χ^2 /NDF: 27274360.2/83

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 28.819 $\pm$ 22.860 χ^2 /NDF:32.3/24

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 64.518 $\pm$ 24.006 χ^2 /NDF:23.8/22

Left: 45.797 $\pm$ 16.555 χ^2 /NDF: 57.3/47

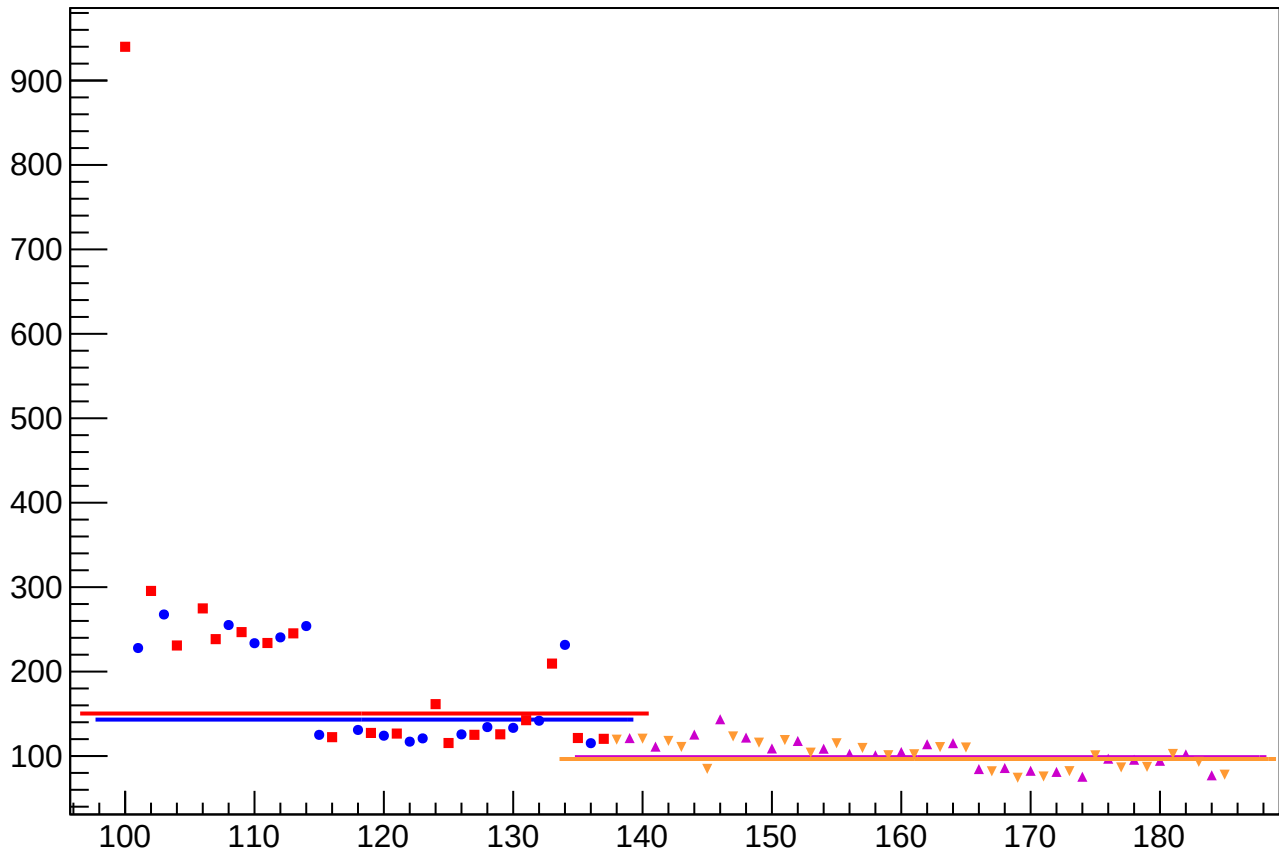
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 75.431 $\pm$ 22.180 χ^2 /NDF:38.3/39

Out: 27.063 $\pm$ 21.368 χ^2 /NDF:50.4/43

All: 50.345 $\pm$ 15.388 χ^2 /NDF: 91.2/83

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 96.487 $\pm$ 0.016 χ^2 /NDF: 922894.3/24

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 98.672 $\pm$ 0.017 χ^2 /NDF: 883912.4/22

Left: 97.526 $\pm$ 0.012 χ^2 /NDF: 1815498.2/47

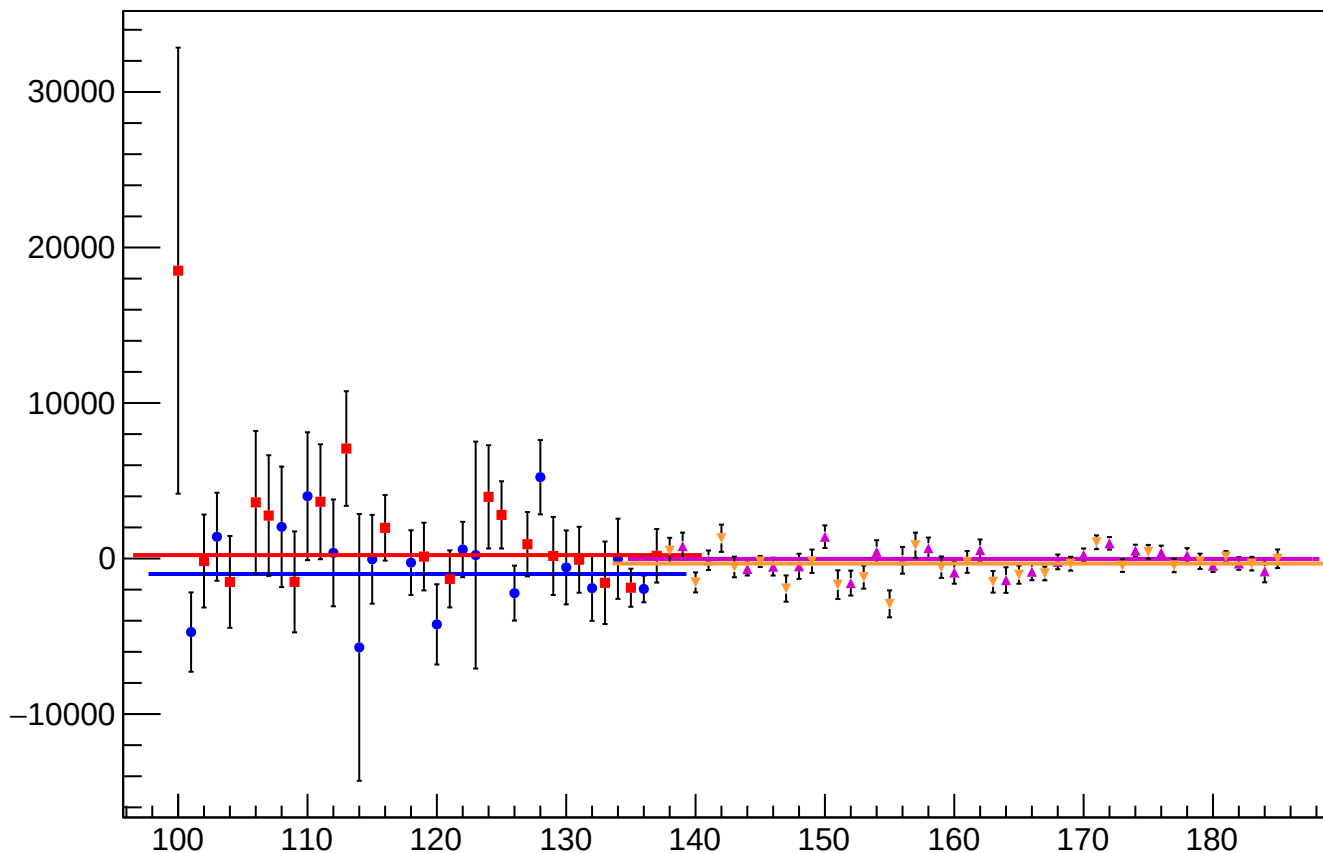
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.179 $\pm$ 0.016 χ^2 /NDF: 2989383.4/39

Out: 103.289 $\pm$ 0.015 χ^2 /NDF: 3756850.4/43

All: 104.199 $\pm$ 0.011 χ^2 /NDF: 6753763.0/83

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -321.878+/-108.527 χ^2/NDF : 47.4/24

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -27.826+/-112.415 χ^2/NDF : 33.3/22

Left: -180.025+/-78.079 χ^2/NDF : 84.2/47

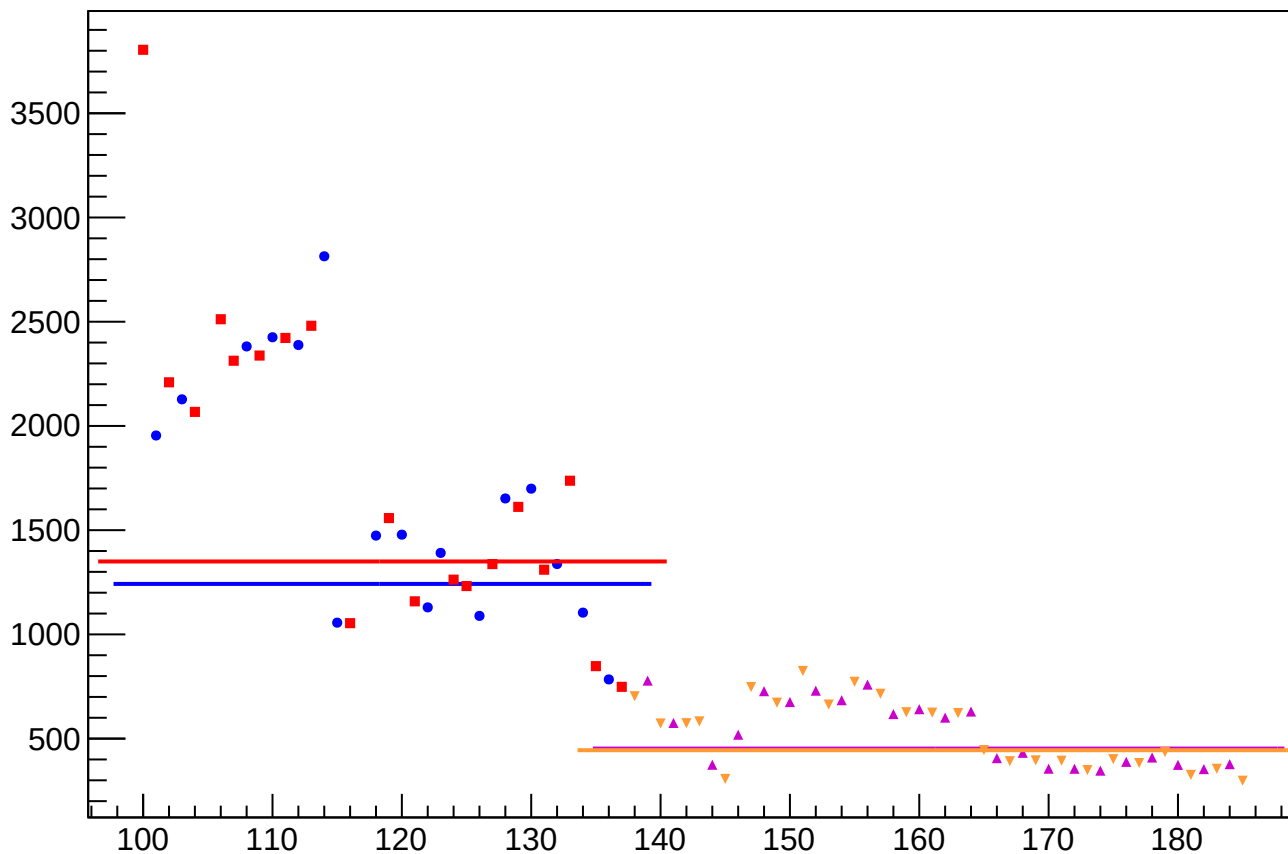
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -71.520+/-109.843 χ^2/NDF : 53.6/39

Out: -301.043+/-106.426 χ^2/NDF : 63.5/43

All: -189.908+/-76.434 χ^2/NDF : 119.4/83

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: 444.403 $\pm$ 0.077 χ^2 /NDF:3237173.6/24

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 452.323 $\pm$ 0.079 χ^2 /NDF:2675264.3/22

Left: 448.223 $\pm$ 0.055 χ^2 /NDF: 5917575.8/47

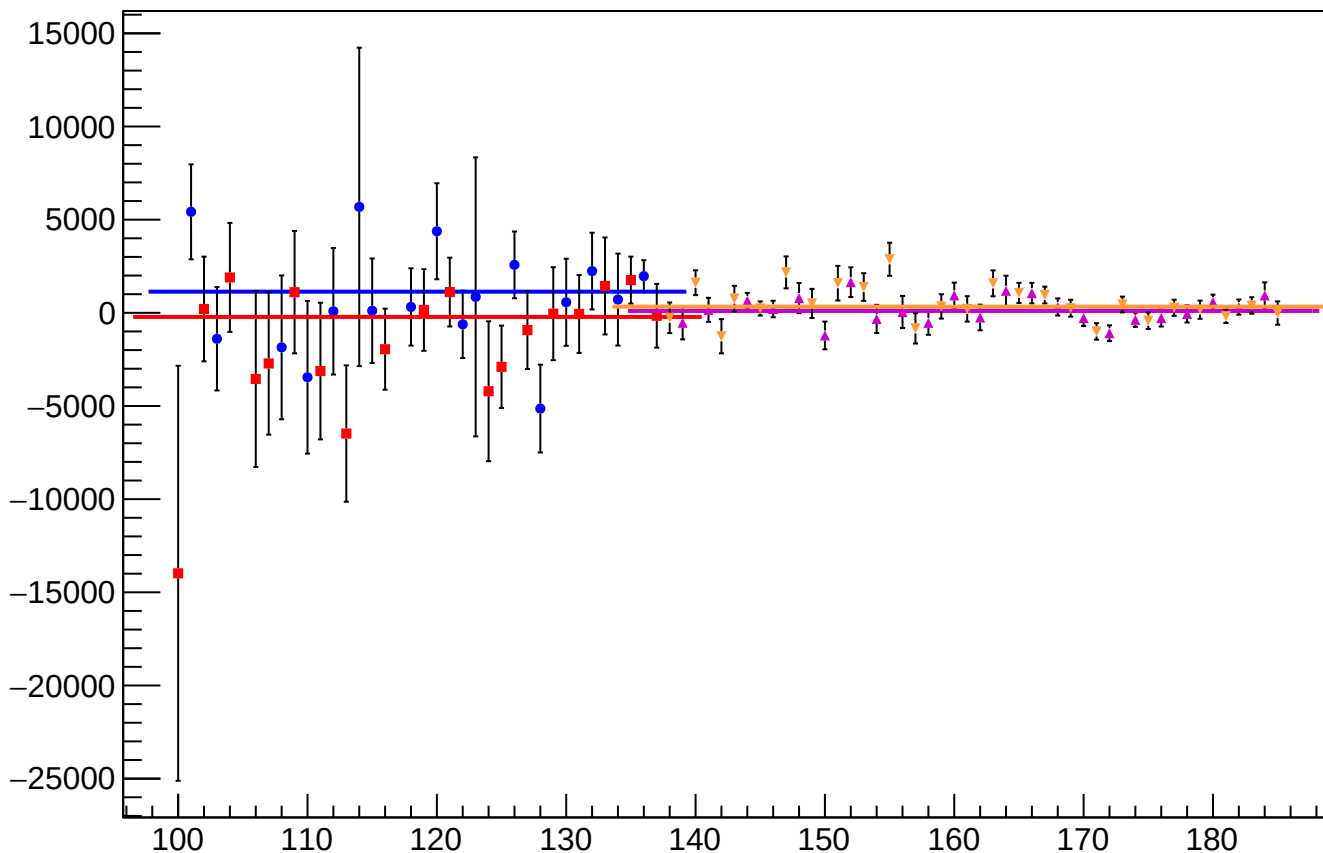
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 488.051 $\pm$ 0.078 χ^2 /NDF:8908873.3/39

Out: 479.131 $\pm$ 0.075 χ^2 /NDF:10444553.4/43

All: 483.450 $\pm$ 0.054 χ^2 /NDF: 19360230.0/83

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2 /NDF: 17.8/16

Left Out: 331.733 $\pm$ 109.620 χ^2 /NDF:48.1/24

Right Out: -220.849 $\pm$ 547.528 χ^2 /NDF: 13.5/18

Left In: 99.475 $\pm$ 111.475 χ^2 /NDF:32.1/22

Left: 217.552 $\pm$ 78.161 χ^2 /NDF: 82.4/47

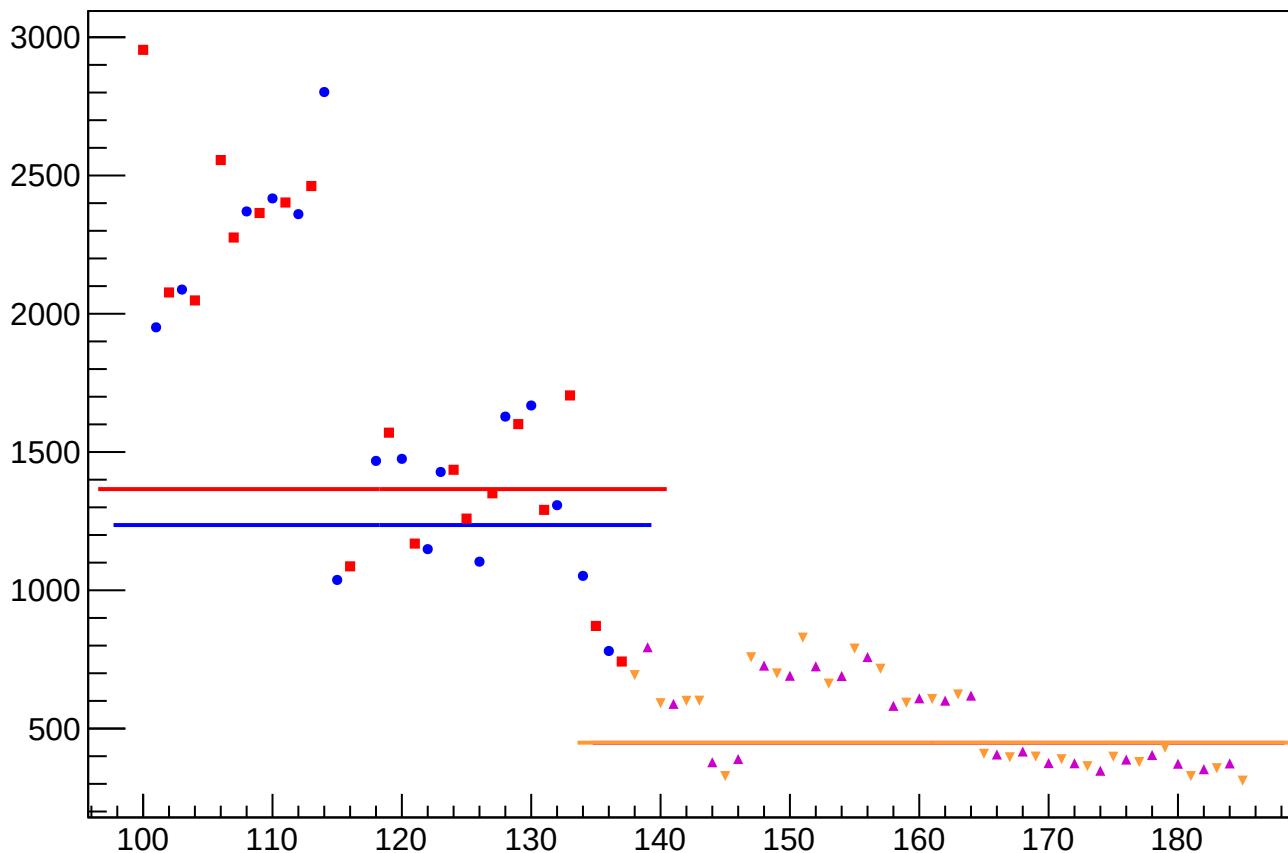
Right: 500.276 $\pm$ 374.656 χ^2 /NDF: 34.5/35

In: 146.043 $\pm$ 108.940 χ^2 /NDF:53.7/39

Out: 310.437 $\pm$ 107.487 χ^2 /NDF:62.6/43

All: 229.344 $\pm$ 76.513 χ^2 /NDF: 117.5/83

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 448.965+/-0.078 χ^2/NDF : 3092613.8/24

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 448.238+/-0.079 χ^2/NDF : 2563455.5/22

Left: 448.608+/-0.055 χ^2/NDF : 5656112.5/47

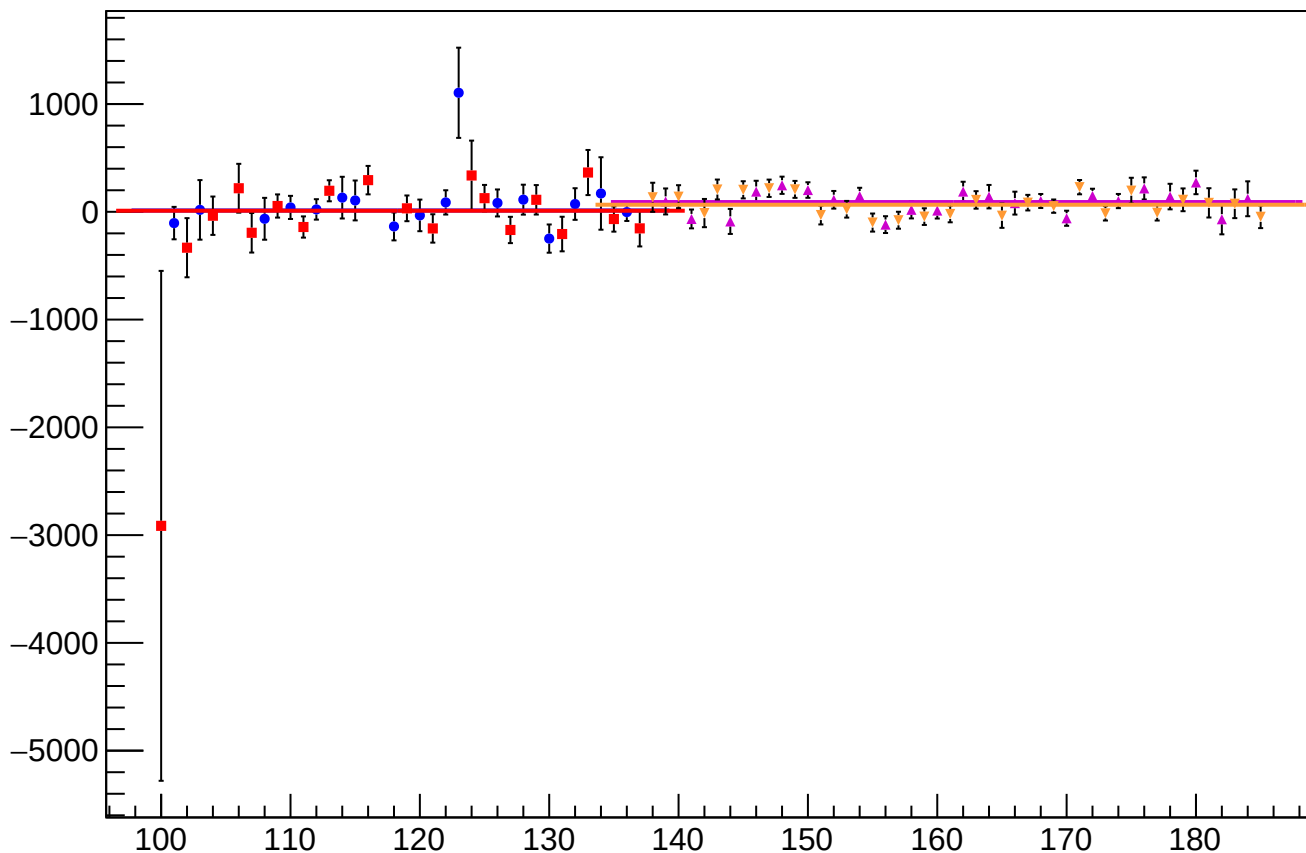
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 483.654+/-0.077 χ^2/NDF : 8799055.4/39

Out: 484.304+/-0.076 χ^2/NDF : 10236088.7/43

All: 483.984+/-0.054 χ^2/NDF : 19035180.2/83

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 65.764 $\pm$ 17.114 χ^2 /NDF: 37.6/24

Right Out: 10.036 $\pm$ 32.603 χ^2 /NDF: 28.3/18

Left In: 90.640 $\pm$ 18.057 χ^2 /NDF: 35.0/22

Left: 77.536 $\pm$ 12.421 χ^2 /NDF: 73.6/47

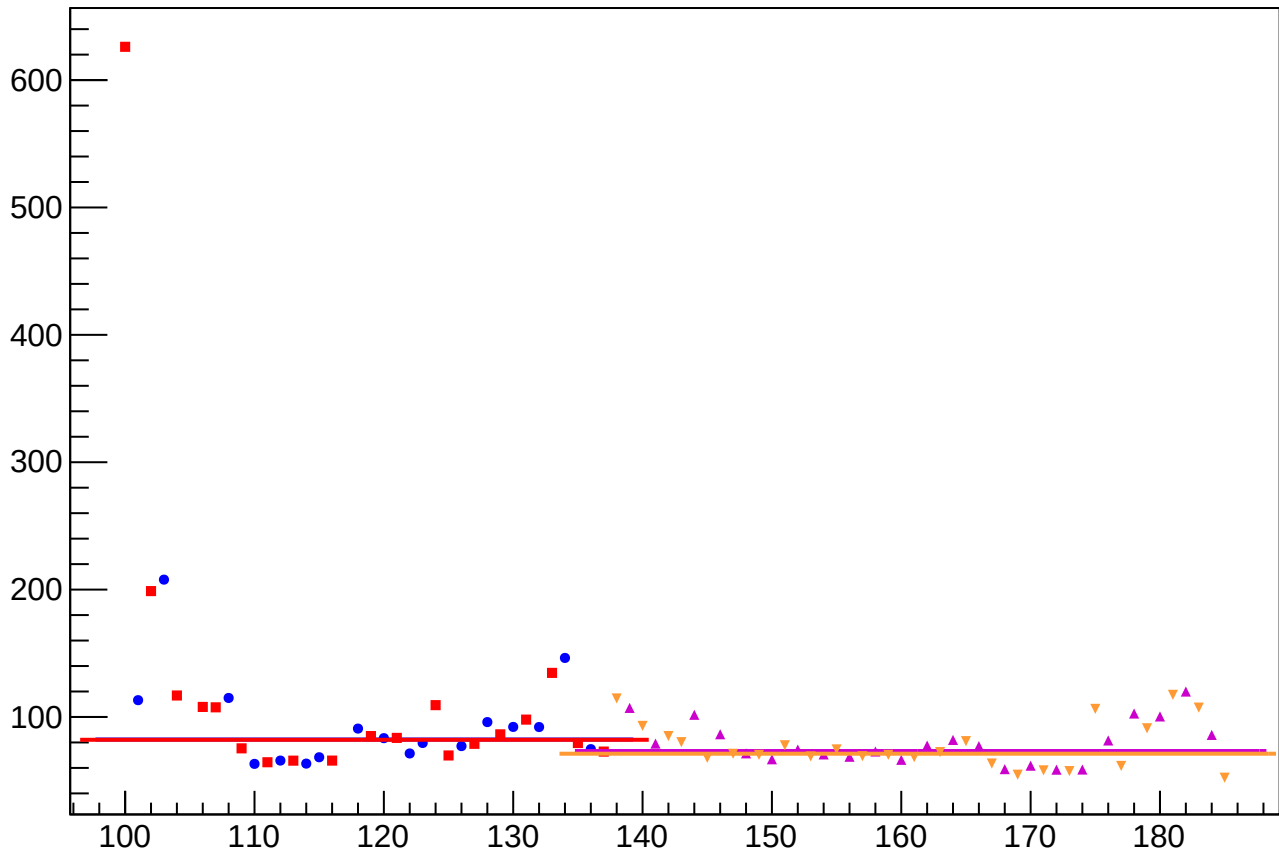
Right: 11.151 $\pm$ 23.271 χ^2 /NDF: 43.6/35

In: 72.782 $\pm$ 15.866 χ^2 /NDF: 54.7/39

Out: 53.725 $\pm$ 15.153 χ^2 /NDF: 68.2/43

All: 62.816 $\pm$ 10.958 χ^2 /NDF: 123.6/83

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16

Left Out: 71.156 $\pm$ 0.012 χ^2 /NDF: 1420489.4/24

Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18

Left In: 73.261 $\pm$ 0.013 χ^2 /NDF: 1222046.2/22

Left: 72.152 $\pm$ 0.009 χ^2 /NDF: 2656852.3/47

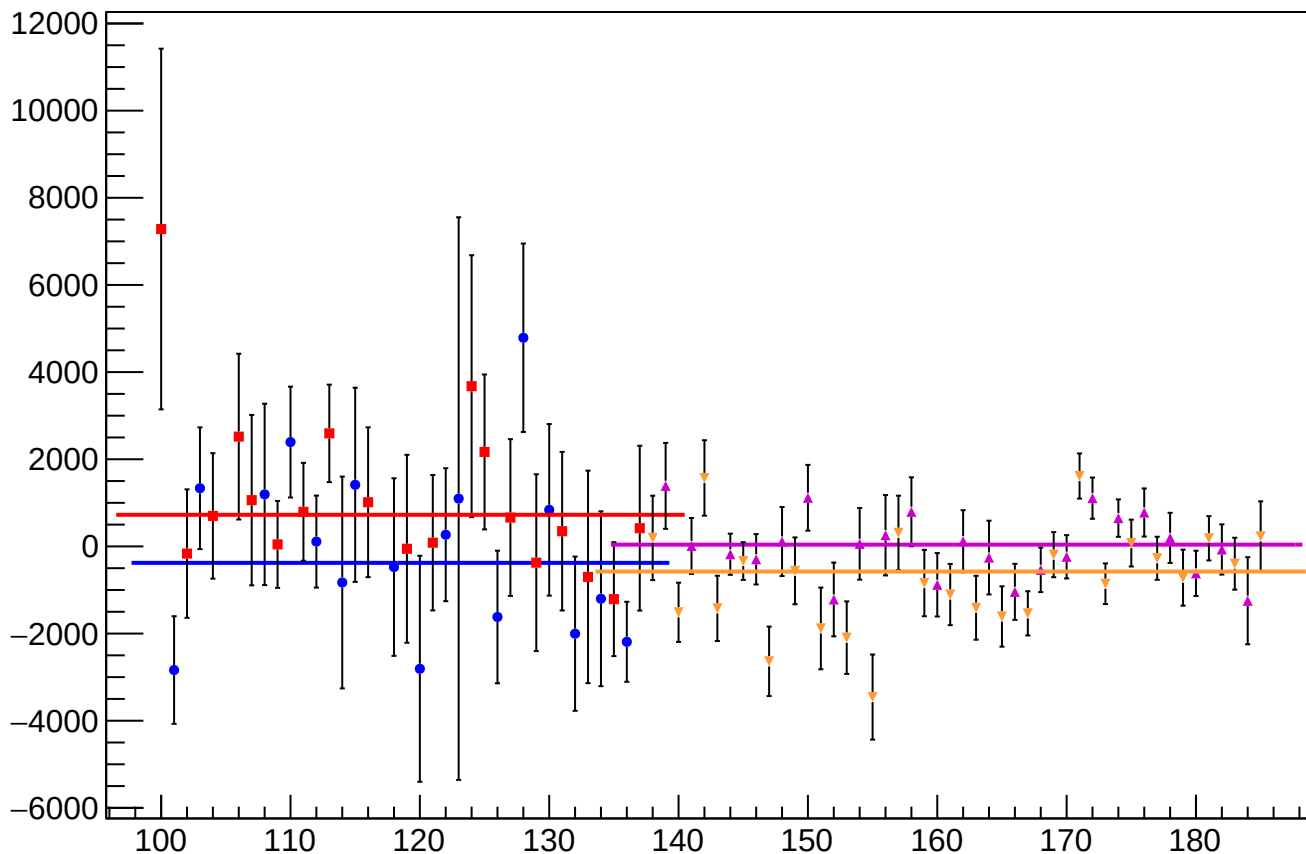
Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35

In: 75.323 $\pm$ 0.011 χ^2 /NDF: 2205190.9/39

Out: 73.518 $\pm$ 0.011 χ^2 /NDF: 2555862.7/43

All: 74.379 $\pm$ 0.008 χ^2 /NDF: 4774588.5/83

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -576.725 ± 127.191 $\chi^2/\text{NDF}: 63.8/24$

Right Out: 725.204 ± 367.170 $\chi^2/\text{NDF}: 11.9/18$

Left In: 40.329 ± 129.731 $\chi^2/\text{NDF}: 26.1/22$

Left: -274.298 ± 90.822 $\chi^2/\text{NDF}: 101.4/47$

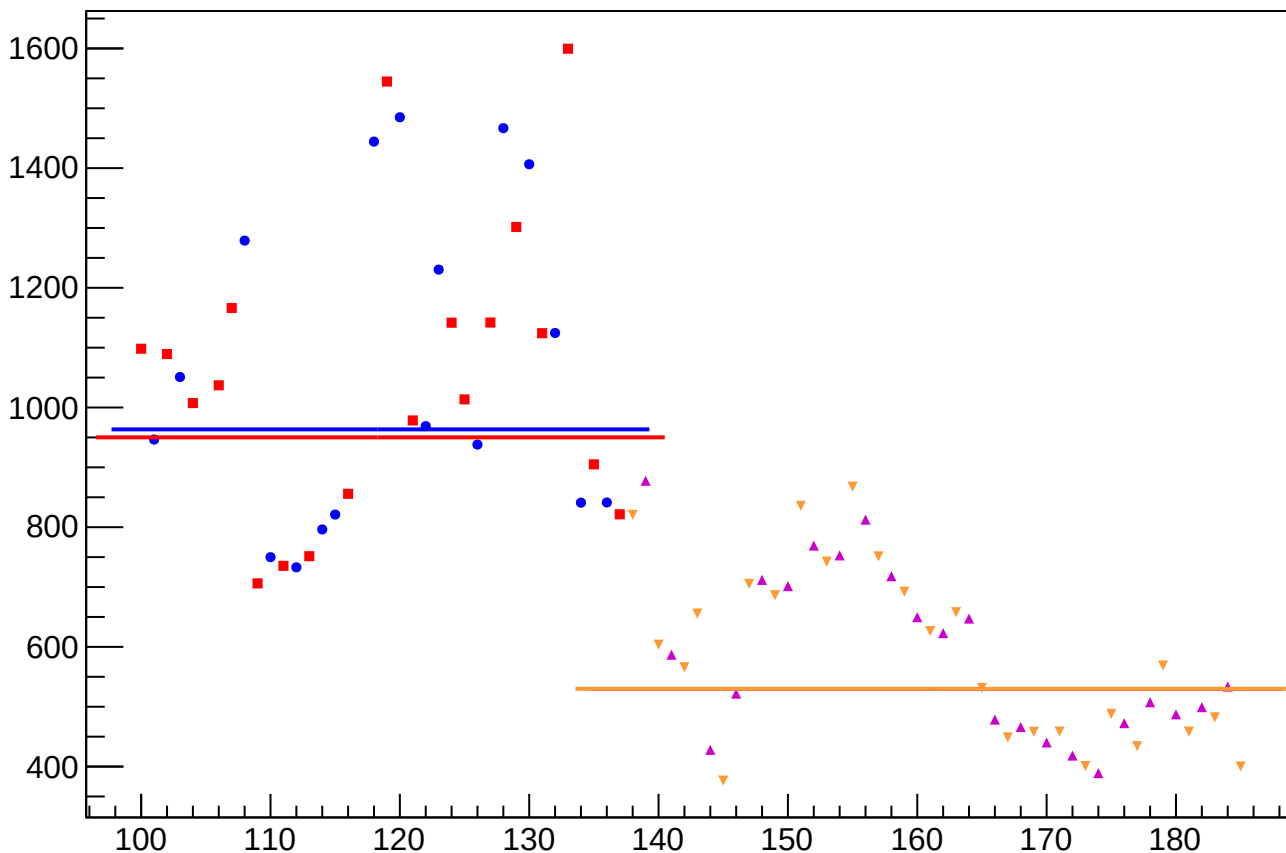
Right: 198.479 ± 265.345 $\chi^2/\text{NDF}: 40.7/35$

In: -2.479 ± 122.903 $\chi^2/\text{NDF}: 51.6/39$

Out: -437.234 ± 120.184 $\chi^2/\text{NDF}: 87.0/43$

All: -224.718 ± 85.928 $\chi^2/\text{NDF}: 144.9/83$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 529.890+/-0.090 χ^2/NDF : 2082499.8/24

Right Out: 950.122+/-0.260 χ^2/NDF : 731958.5/18

Left In: 529.591+/-0.092 χ^2/NDF : 1781741.4/22

Left: 529.744+/-0.064 χ^2/NDF : 3864246.6/47

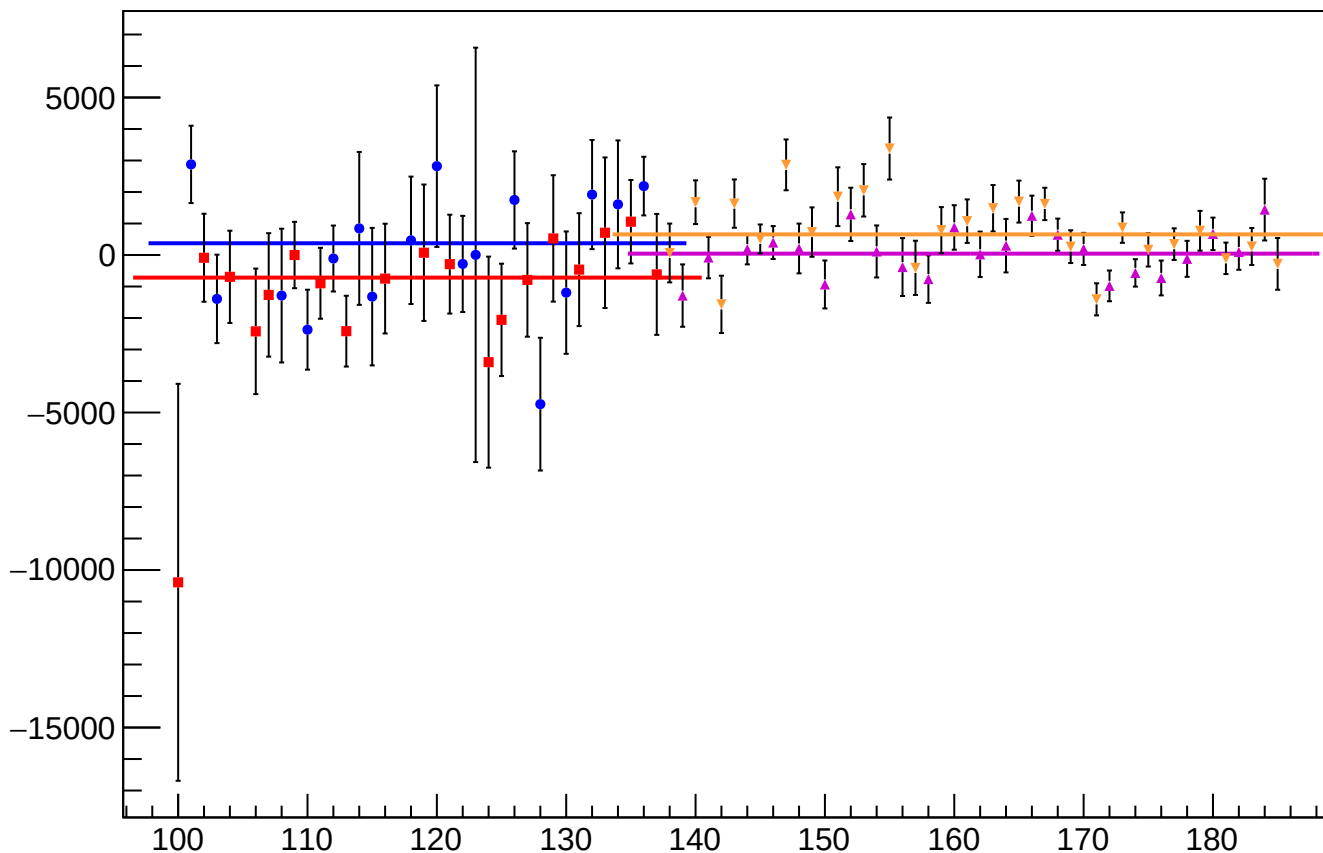
Right: 956.498+/-0.188 χ^2/NDF : 1422094.4/35

In: 574.061+/-0.087 χ^2/NDF : 4763446.1/39

Out: 574.915+/-0.085 χ^2/NDF : 5153586.1/43

All: 574.498+/-0.061 χ^2/NDF : 9917081.5/83

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 654.964+/-127.901 χ^2/NDF : 61.5/24

Right Out: -717.404+/-371.769 χ^2/NDF : 10.1/18

Left In: 43.183+/-129.538 χ^2/NDF : 26.0/22

Left: 352.962+/-91.013 χ^2/NDF : 98.8/47

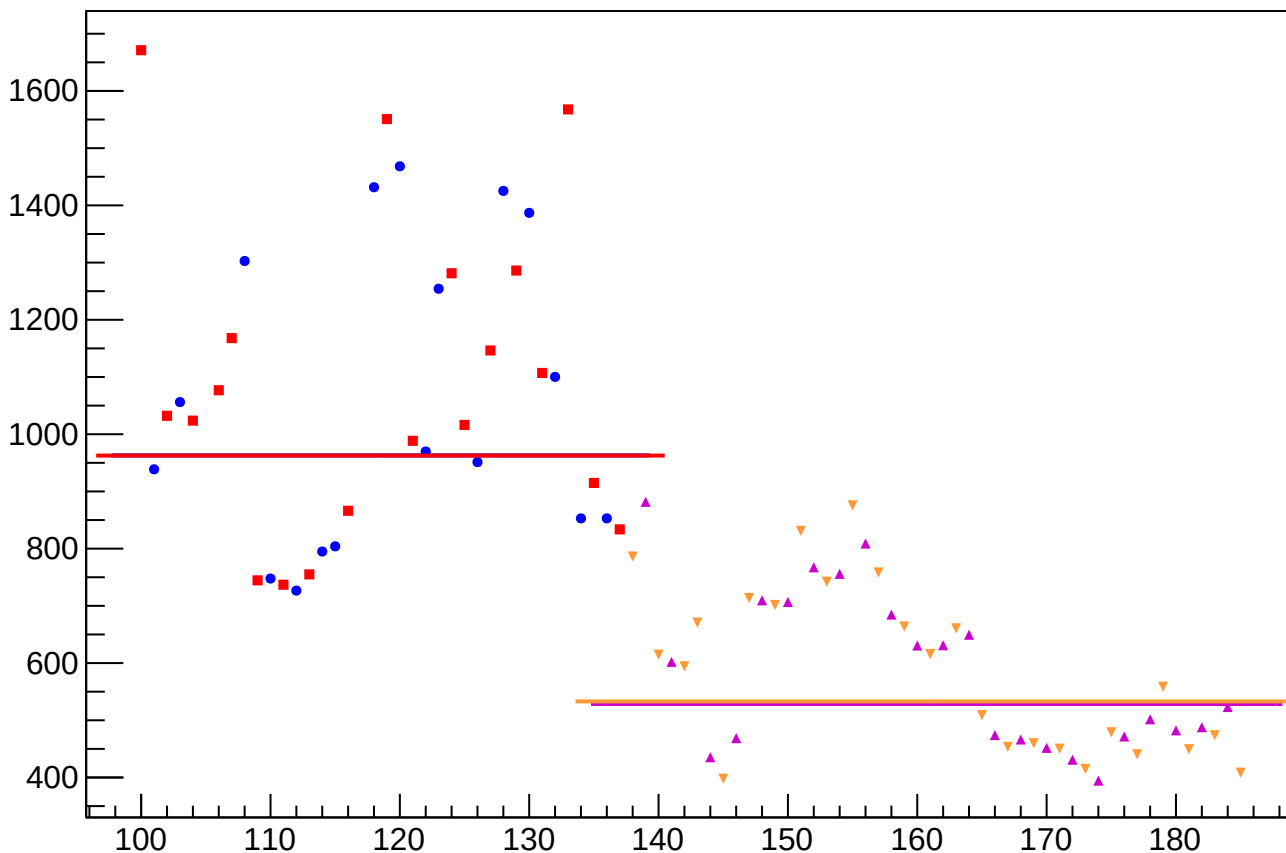
Right: -189.414+/-266.986 χ^2/NDF : 39.6/35

In: 76.923+/-122.731 χ^2/NDF : 52.0/39

Out: 509.722+/-120.944 χ^2/NDF : 83.8/43

All: 296.496+/-86.145 χ^2/NDF : 142.1/83

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 532.979 $\pm$ 0.090 χ^2 /NDF:1953475.4/24

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 528.464 $\pm$ 0.092 χ^2 /NDF:1712049.5/22

Left: 530.750 $\pm$ 0.064 χ^2 /NDF: 3666755.0/47

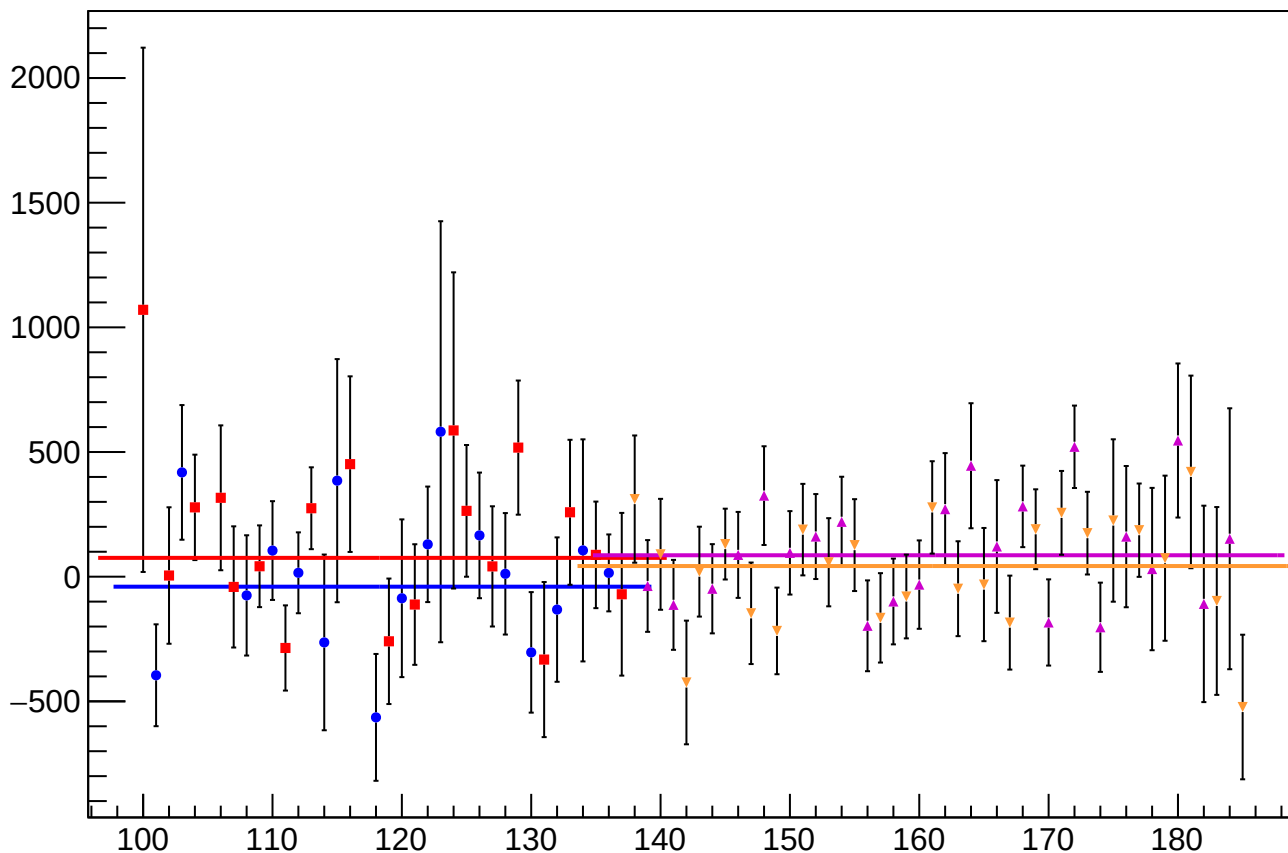
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 572.928 $\pm$ 0.087 χ^2 /NDF:4682290.3/39

Out: 578.457 $\pm$ 0.086 χ^2 /NDF:5039106.0/43

All: 575.733 $\pm$ 0.061 χ^2 /NDF: 9723455.3/83

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: 42.667 ± 39.687 $\chi^2/\text{NDF}: 23.2/24$

Right Out: 75.460 ± 56.233 $\chi^2/\text{NDF}: 18.5/18$

Left In: 85.917 ± 41.591 $\chi^2/\text{NDF}: 27.2/22$

Left: 63.280 ± 28.713 $\chi^2/\text{NDF}: 51.0/47$

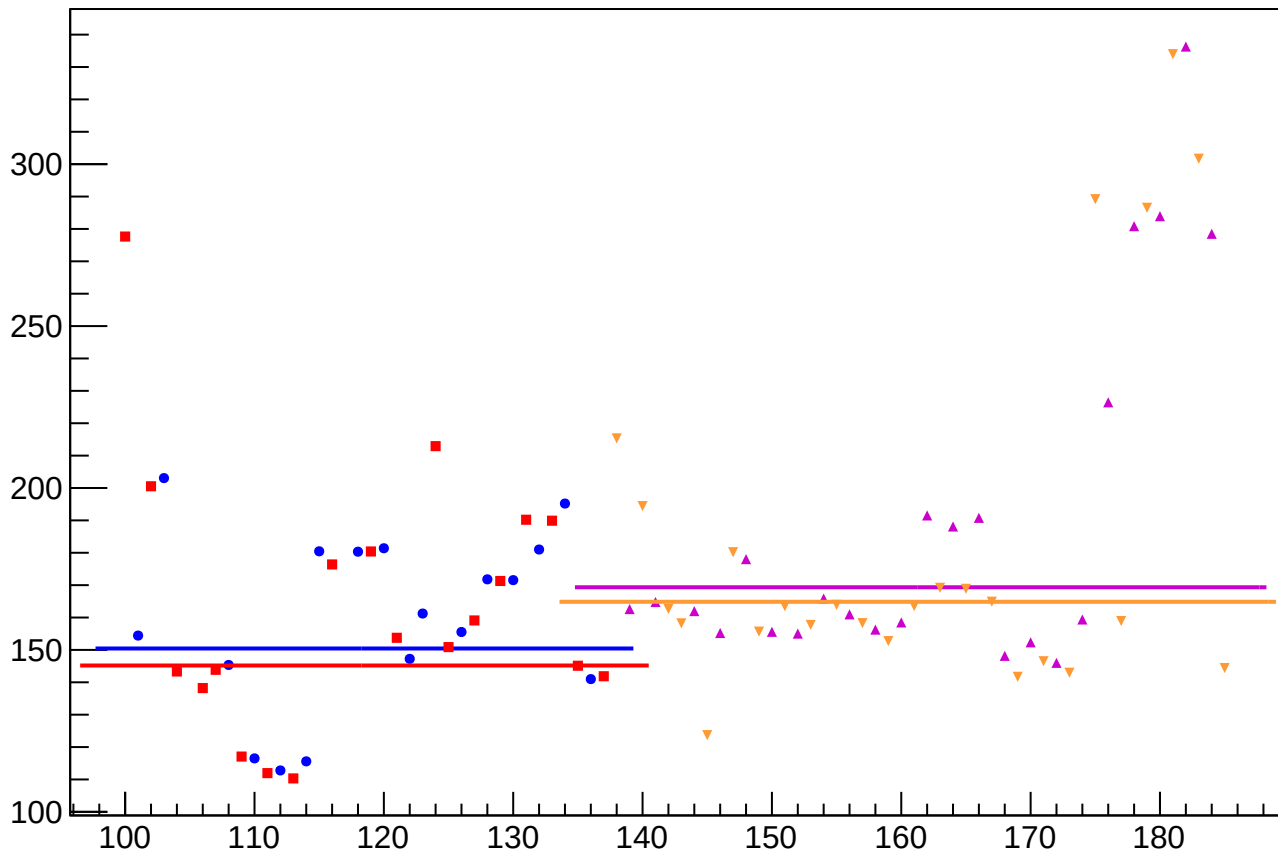
Right: 20.693 ± 40.790 $\chi^2/\text{NDF}: 35.8/35$

In: 44.318 ± 34.043 $\chi^2/\text{NDF}: 45.5/39$

Out: 53.571 ± 32.425 $\chi^2/\text{NDF}: 41.9/43$

All: 49.169 ± 23.479 $\chi^2/\text{NDF}: 87.5/83$

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: 164.862 $\pm$ 0.028 χ^2 /NDF:1640974.7/24

Right Out: 145.187 $\pm$ 0.040 χ^2 /NDF: 535696.3/18

Left In: 169.348 $\pm$ 0.029 χ^2 /NDF:1256257.6/22

Left: 167.000 $\pm$ 0.020 χ^2 /NDF: 2909411.0/47

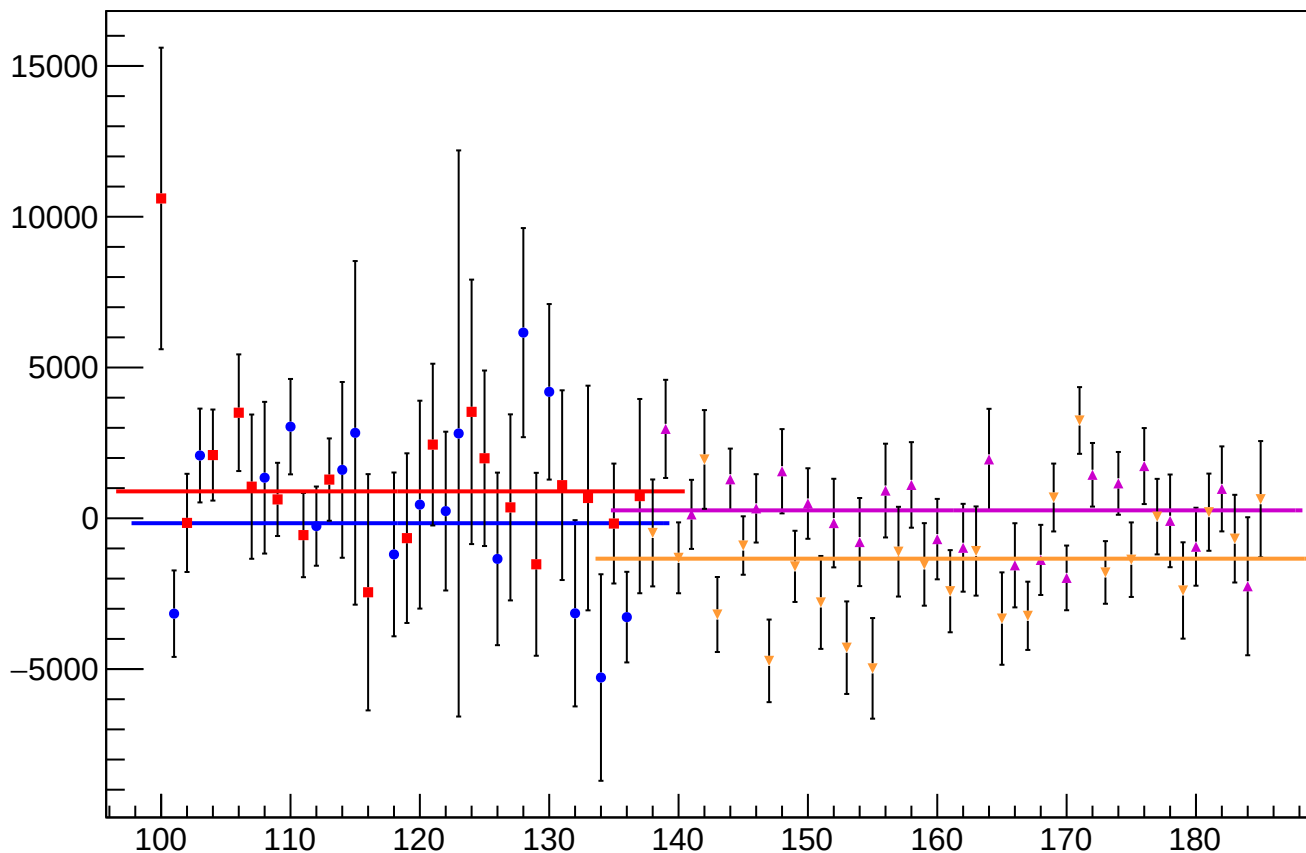
Right: 147.677 $\pm$ 0.029 χ^2 /NDF: 944092.7/35

In: 163.108 $\pm$ 0.024 χ^2 /NDF:1792782.9/39

Out: 158.320 $\pm$ 0.023 χ^2 /NDF:2340102.7/43

All: 160.598 $\pm$ 0.017 χ^2 /NDF: 4153628.0/83

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: -1338.903 $\pm$ 264.071 χ^2/NDF : 52.4/24

Right Out: 893.137 $\pm$ 484.322 χ^2/NDF : 10.7/18

Left In: 263.205 $\pm$ 270.689 χ^2/NDF : 21.9/22

Left: -557.674 $\pm$ 189.023 χ^2/NDF : 92.2/47

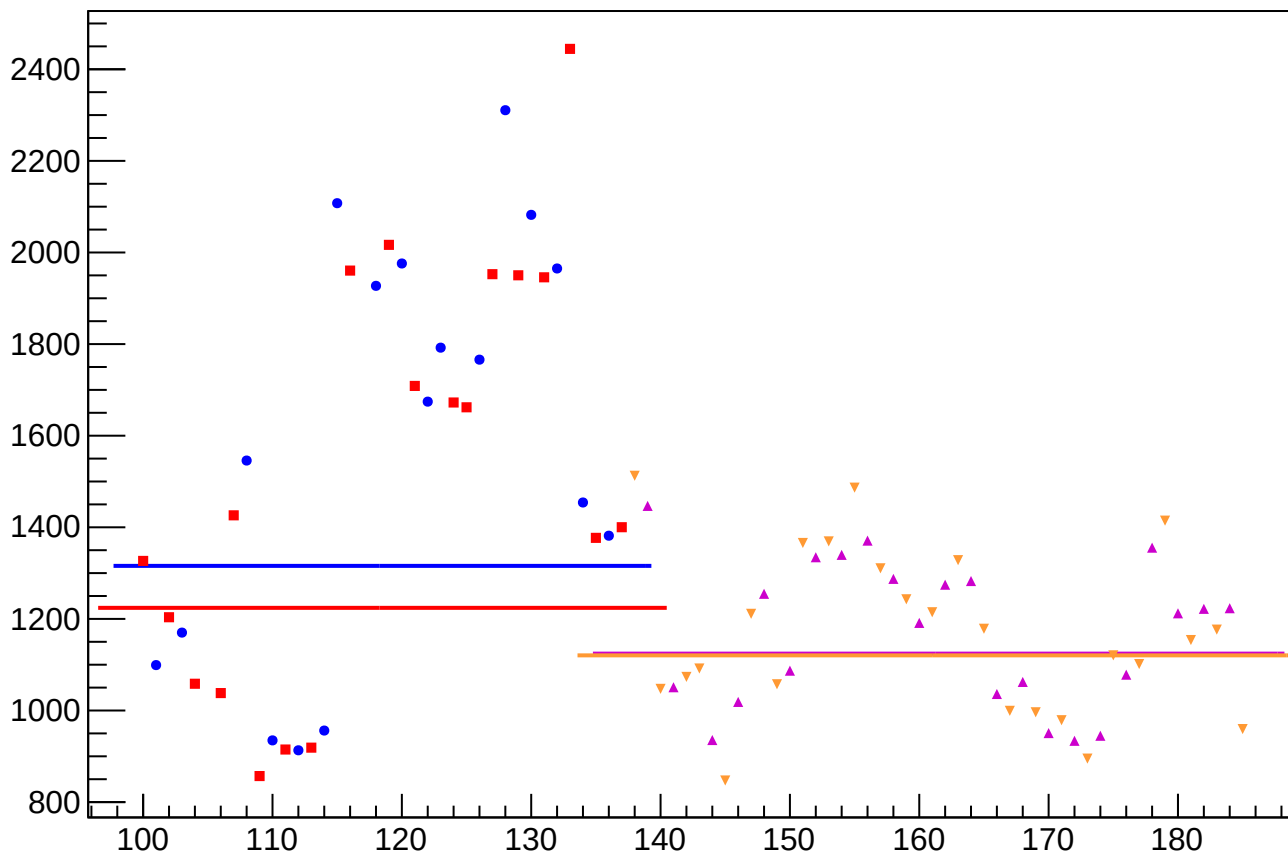
Right: 415.737 $\pm$ 358.494 χ^2/NDF : 37.9/35

In: 175.899 $\pm$ 241.364 χ^2/NDF : 47.5/39

Out: -827.410 $\pm$ 231.848 χ^2/NDF : 79.4/43

All: -345.922 $\pm$ 167.204 χ^2/NDF : 135.9/83

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1120.402 $\pm$ 0.187 χ^2 /NDF: 842614.0/24

Right Out: 1224.149 $\pm$ 0.342 χ^2 /NDF: 1363902.7/18

Left In: 1124.193 $\pm$ 0.191 χ^2 /NDF: 659010.3/22

Left: 1122.251 $\pm$ 0.134 χ^2 /NDF: 1501825.4/47

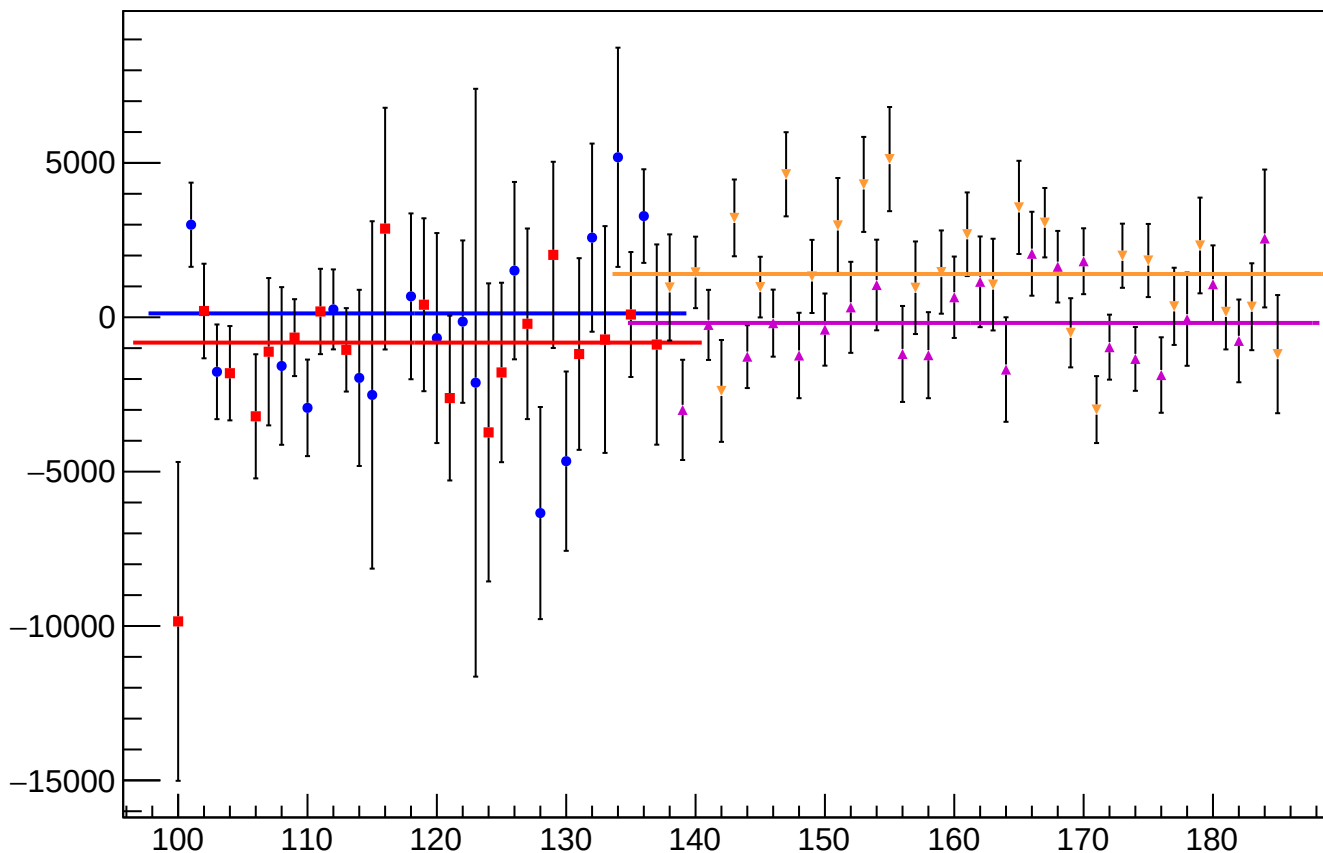
Right: 1265.578 $\pm$ 0.253 χ^2 /NDF: 2514618.3/35

In: 1163.457 $\pm$ 0.171 χ^2 /NDF: 1982690.1/39

Out: 1144.176 $\pm$ 0.164 χ^2 /NDF: 2277259.1/43

All: 1153.429 $\pm$ 0.118 χ^2 /NDF: 4266587.2/83

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1402.118 $\pm$ 261.695 χ^2 /NDF: 52.3/24

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -183.249 $\pm$ 267.620 χ^2 /NDF: 23.7/22

Left: 627.179 $\pm$ 187.106 χ^2 /NDF: 93.9/47

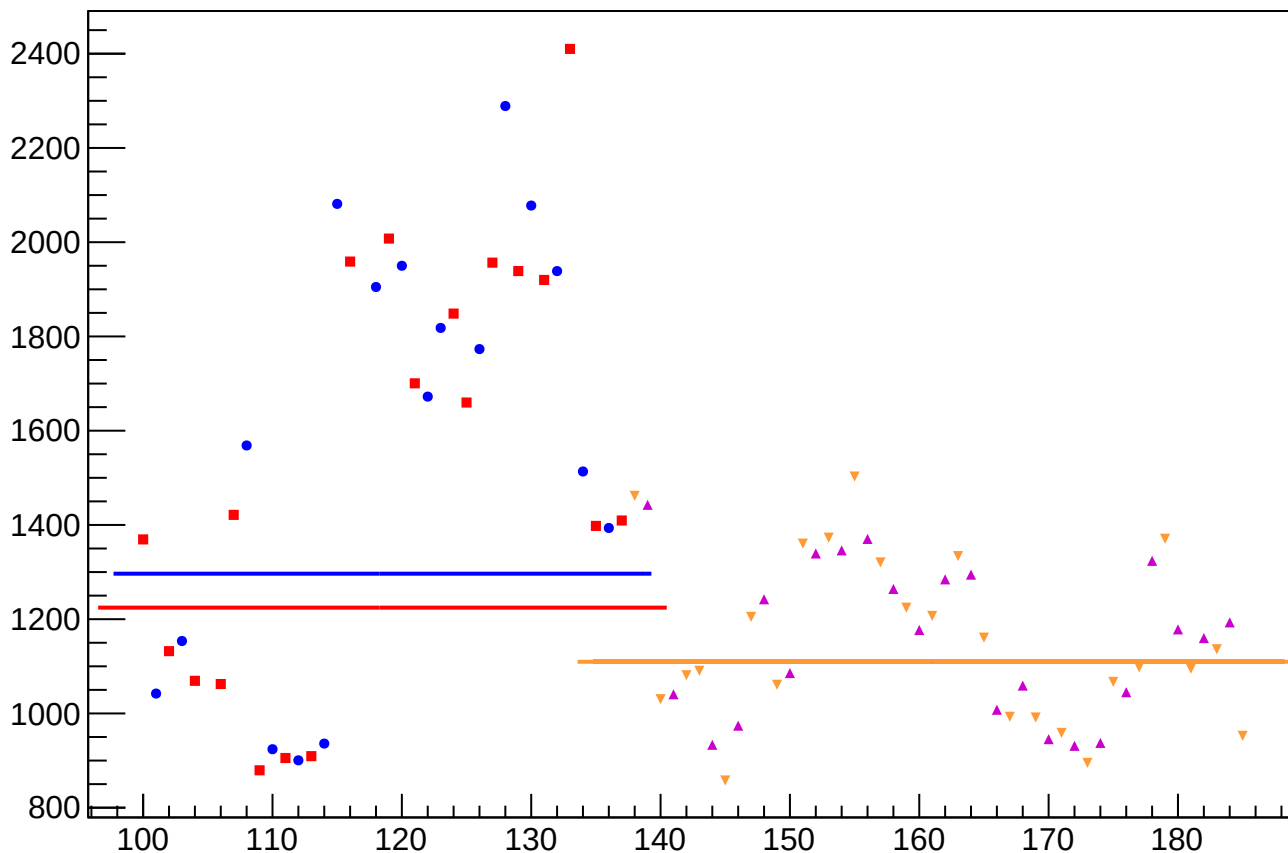
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -119.939 $\pm$ 238.597 χ^2 /NDF: 48.6/39

Out: 900.452 $\pm$ 230.271 χ^2 /NDF: 77.6/43

All: 408.372 $\pm$ 165.692 χ^2 /NDF: 135.7/83

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1109.645 $\pm$ 0.185 χ^2 /NDF: 813338.9/24

Right Out: 1224.561 $\pm$ 0.343 χ^2 /NDF: 1348274.4/18

Left In: 1110.162 $\pm$ 0.189 χ^2 /NDF: 673229.2/22

Left: 1109.898 $\pm$ 0.132 χ^2 /NDF: 1486572.0/47

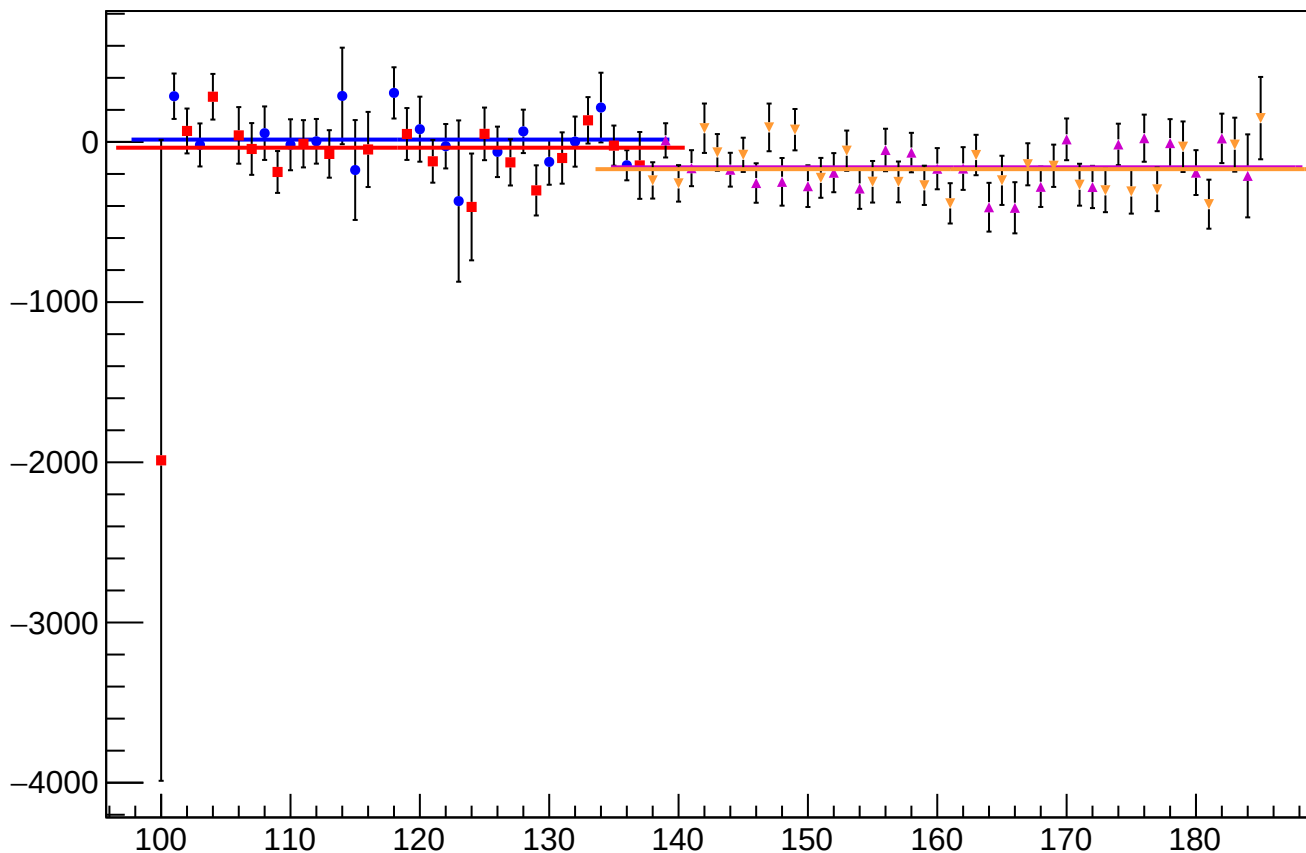
Right: 1257.572 $\pm$ 0.252 χ^2 /NDF: 2543980.3/35

In: 1148.401 $\pm$ 0.169 χ^2 /NDF: 2047750.0/39

Out: 1135.586 $\pm$ 0.163 χ^2 /NDF: 2248669.9/43

All: 1141.766 $\pm$ 0.117 χ^2 /NDF: 4299407.2/83

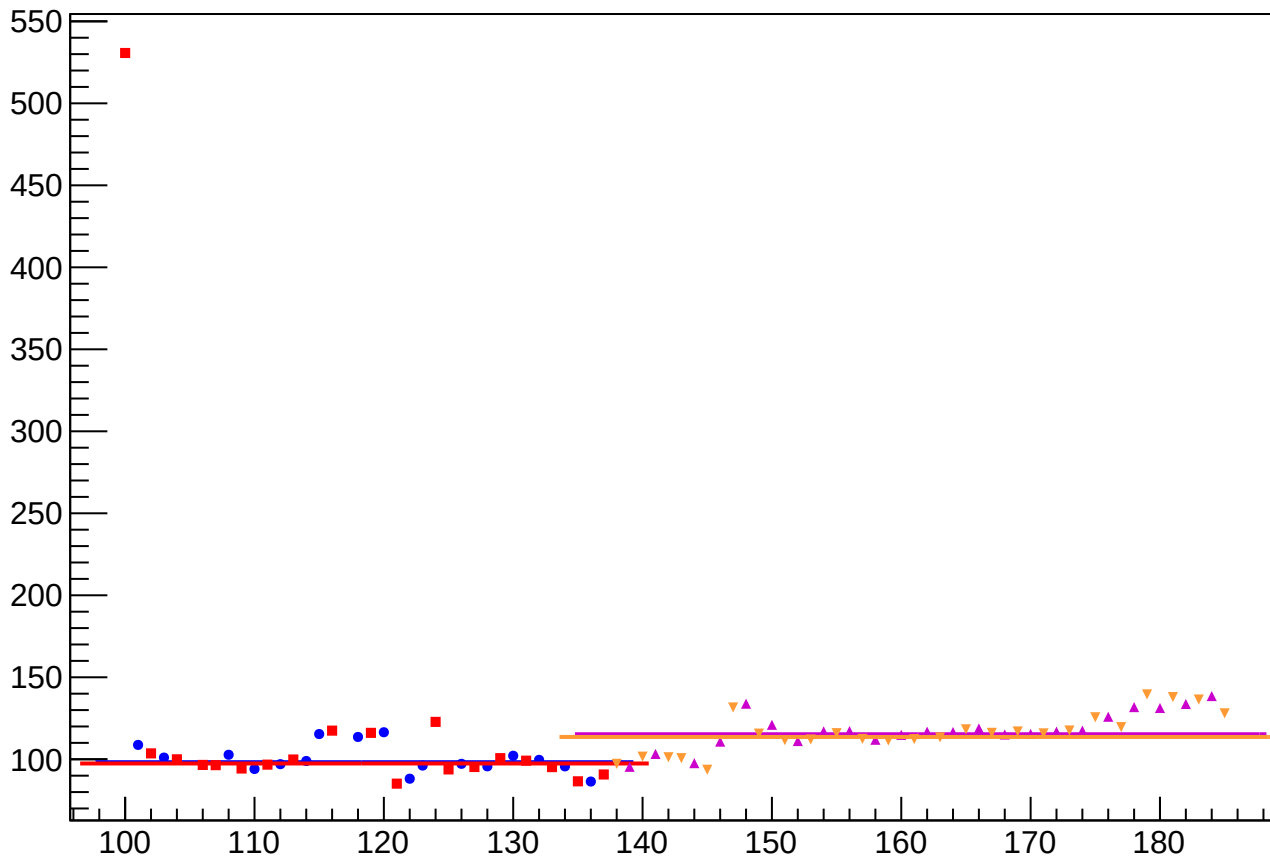
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -170.025 ± 26.565 $\chi^2/\text{NDF}: 26.7/24$
 Right Out: -36.133 ± 36.722 $\chi^2/\text{NDF}: 15.5/18$
 Left In: -158.449 ± 27.575 $\chi^2/\text{NDF}: 20.7/22$

Left: -164.453 ± 19.131 $\chi^2/\text{NDF}: 47.5/47$
 Right: -11.656 ± 26.412 $\chi^2/\text{NDF}: 30.6/35$
 In: -98.801 ± 22.321 $\chi^2/\text{NDF}: 48.5/39$
 Out: -124.028 ± 21.523 $\chi^2/\text{NDF}: 50.9/43$
 All: -111.873 ± 15.494 $\chi^2/\text{NDF}: 100.0/83$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 113.614+/-0.019 χ^2/NDF : 377157.3/24

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 115.264+/-0.019 χ^2/NDF : 298522.7/22

Left: 114.408+/-0.014 χ^2/NDF : 679391.7/47

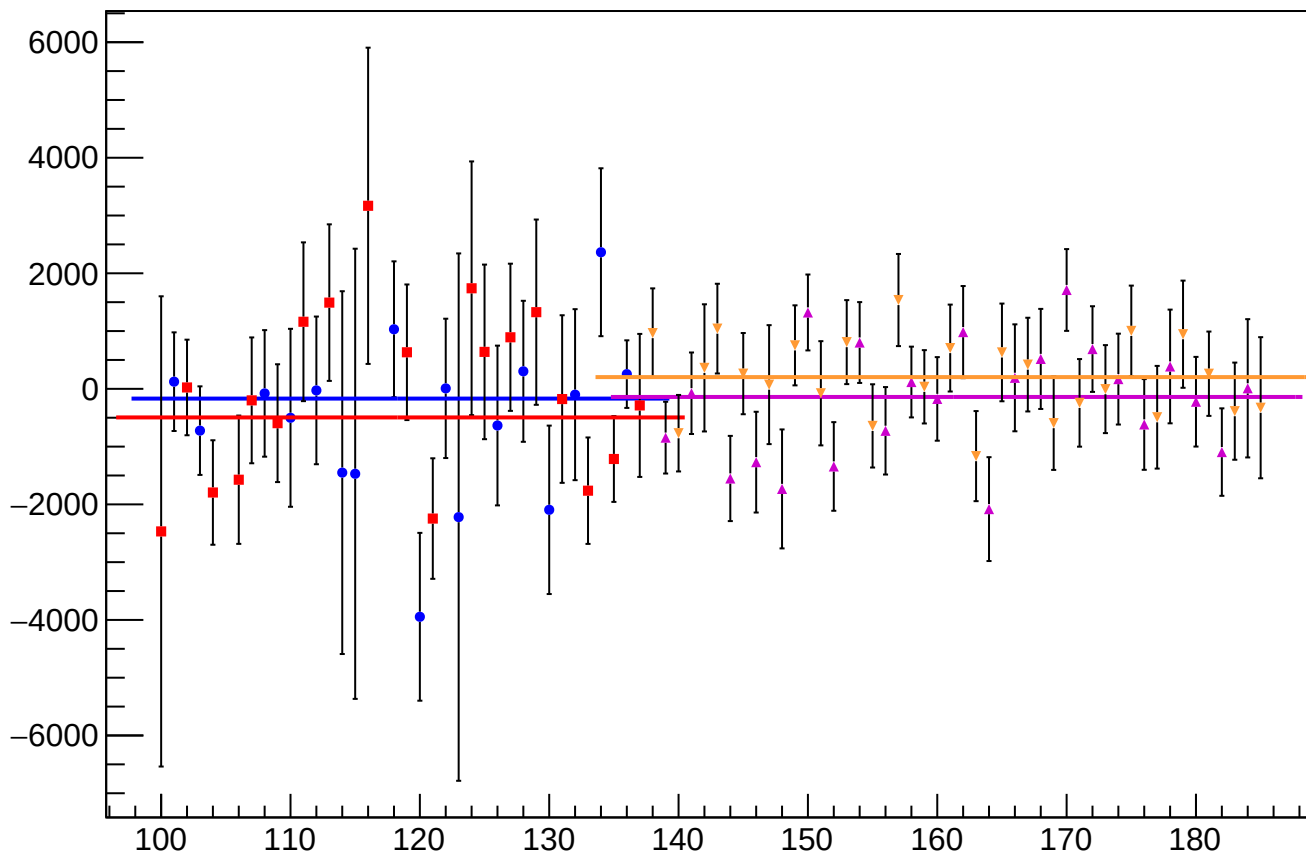
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 109.388+/-0.016 χ^2/NDF : 662467.8/39

Out: 108.056+/-0.015 χ^2/NDF : 822041.8/43

All: 108.698+/-0.011 χ^2/NDF : 1488196.1/83

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: 203.159 $\pm$ 158.259 χ^2 /NDF:18.2/24

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -140.513 $\pm$ 160.990 χ^2 /NDF:36.9/22

Left: 34.263 $\pm$ 112.859 χ^2 /NDF: 57.4/47

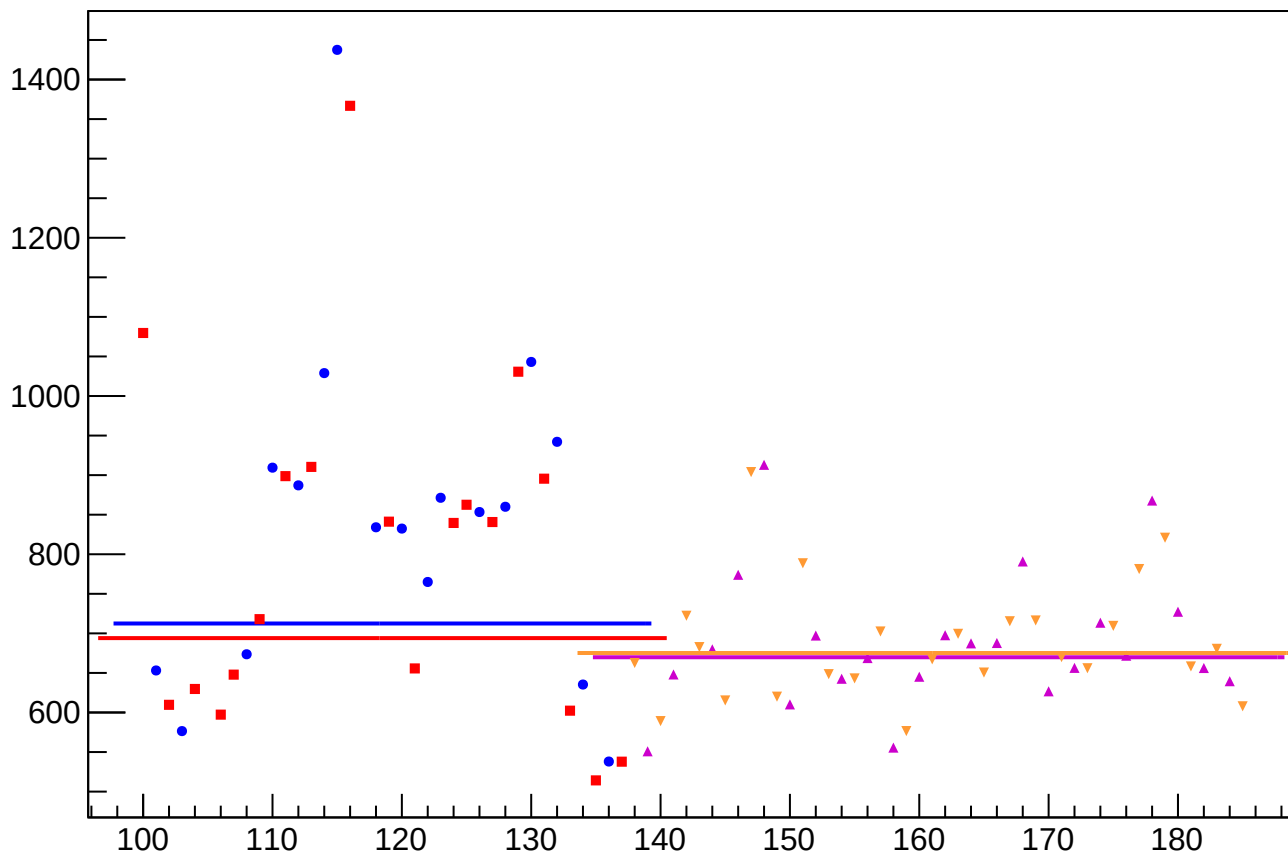
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -147.460 $\pm$ 139.833 χ^2 /NDF:51.5/39

Out: 22.112 $\pm$ 136.198 χ^2 /NDF:43.1/43

All: -60.441 $\pm$ 97.566 χ^2 /NDF: 95.3/83

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 675.197+/-0.112 χ^2/NDF : 357273.1/24

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 669.811+/-0.114 χ^2/NDF : 460796.0/22

Left: 672.550+/-0.080 χ^2/NDF : 819207.7/47

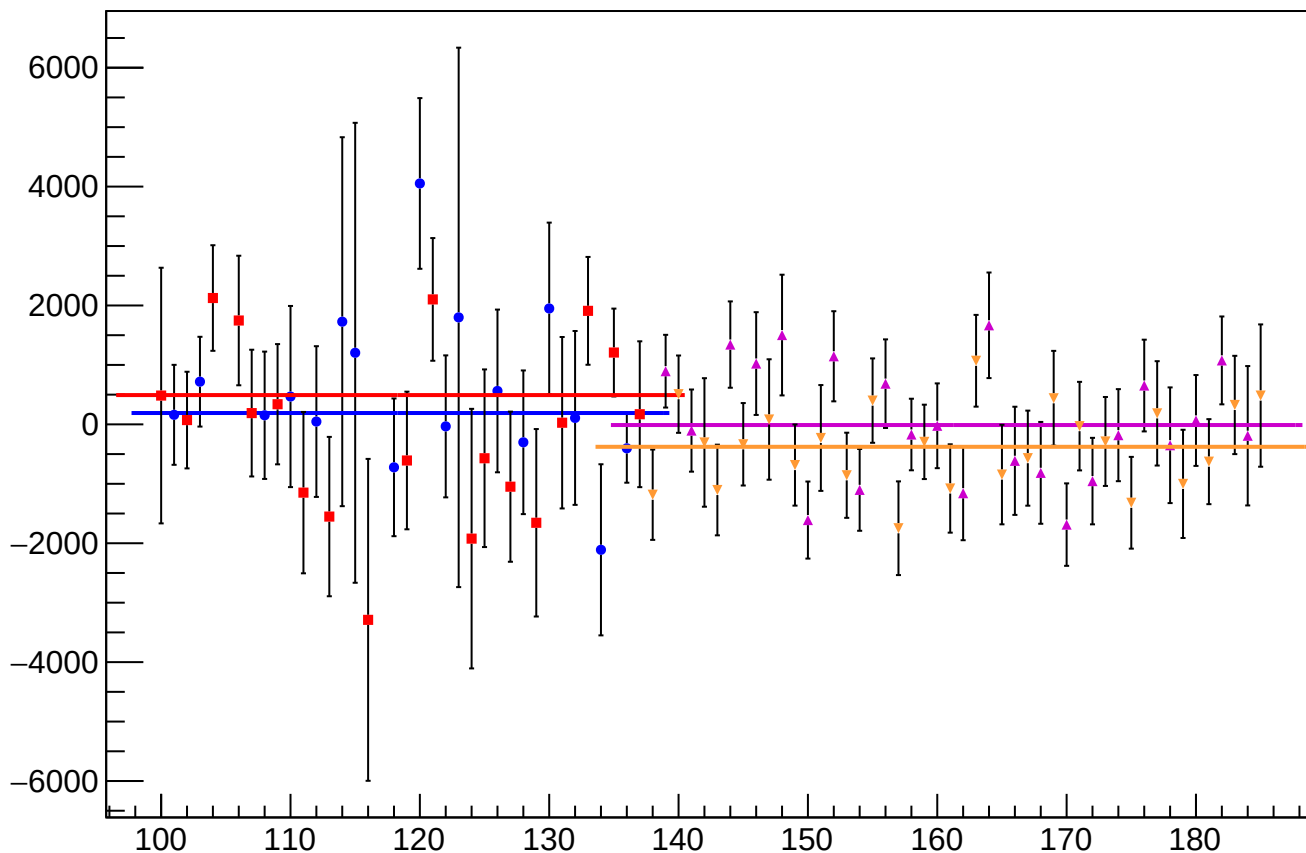
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.288+/-0.099 χ^2/NDF : 1155811.0/39

Out: 680.078+/-0.096 χ^2/NDF : 1039596.0/43

All: 680.180+/-0.069 χ^2/NDF : 2195409.3/83

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -377.544 ± 155.852 $\chi^2/\text{NDF}: 18.8/24$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: -11.243 ± 158.497 $\chi^2/\text{NDF}: 38.8/22$

Left: -197.475 ± 111.128 $\chi^2/\text{NDF}: 60.3/47$

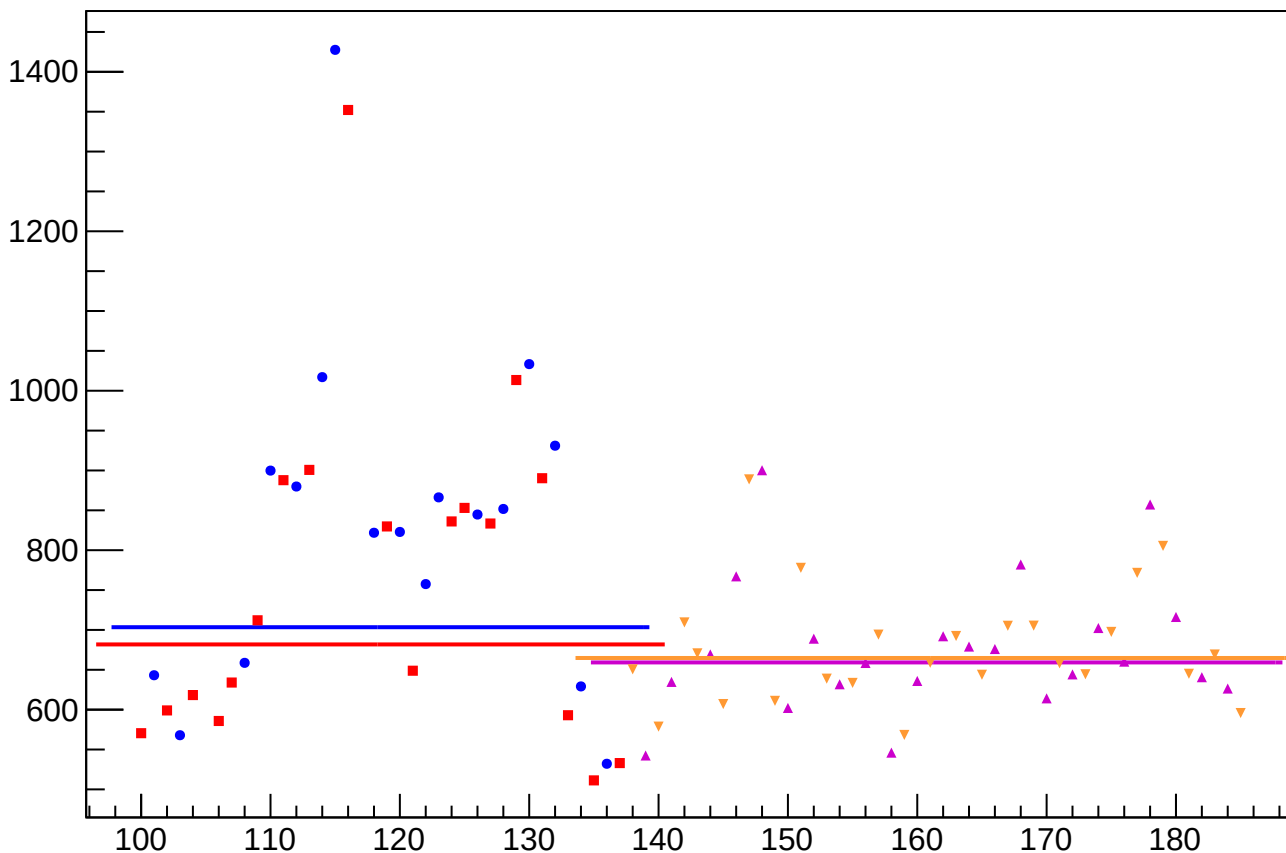
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 38.160 ± 137.772 $\chi^2/\text{NDF}: 53.4/39$

Out: -150.930 ± 134.032 $\chi^2/\text{NDF}: 49.7/43$

All: -58.986 ± 96.070 $\chi^2/\text{NDF}: 104.1/83$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 664.811 $\pm$ 0.110 χ^2 /NDF: 357516.9/24

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 659.230 $\pm$ 0.112 χ^2 /NDF: 472744.9/22

Left: 662.067 $\pm$ 0.079 χ^2 /NDF: 831522.4/47

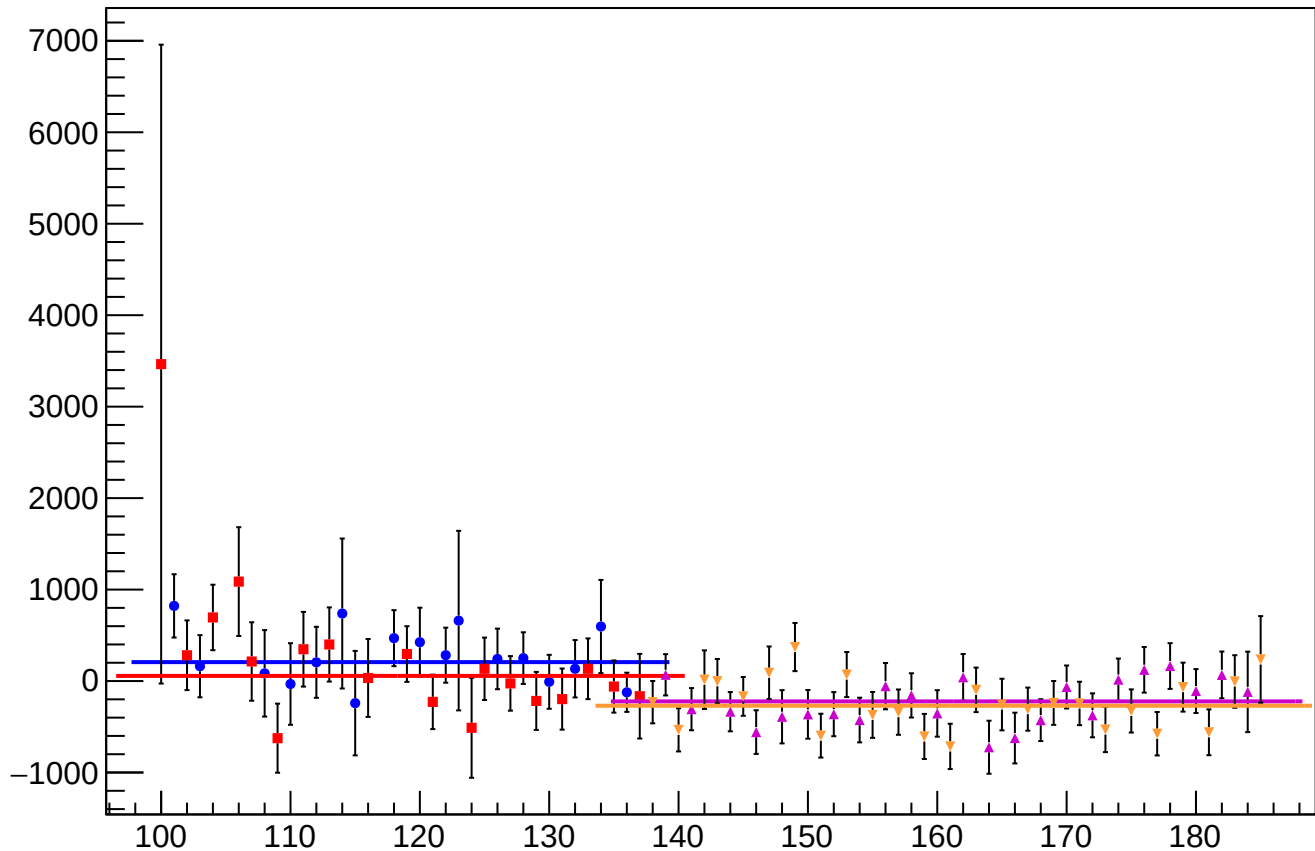
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 670.028 $\pm$ 0.097 χ^2 /NDF: 1177606.2/39

Out: 669.237 $\pm$ 0.095 χ^2 /NDF: 1028508.8/43

All: 669.621 $\pm$ 0.068 χ^2 /NDF: 2206148.8/83

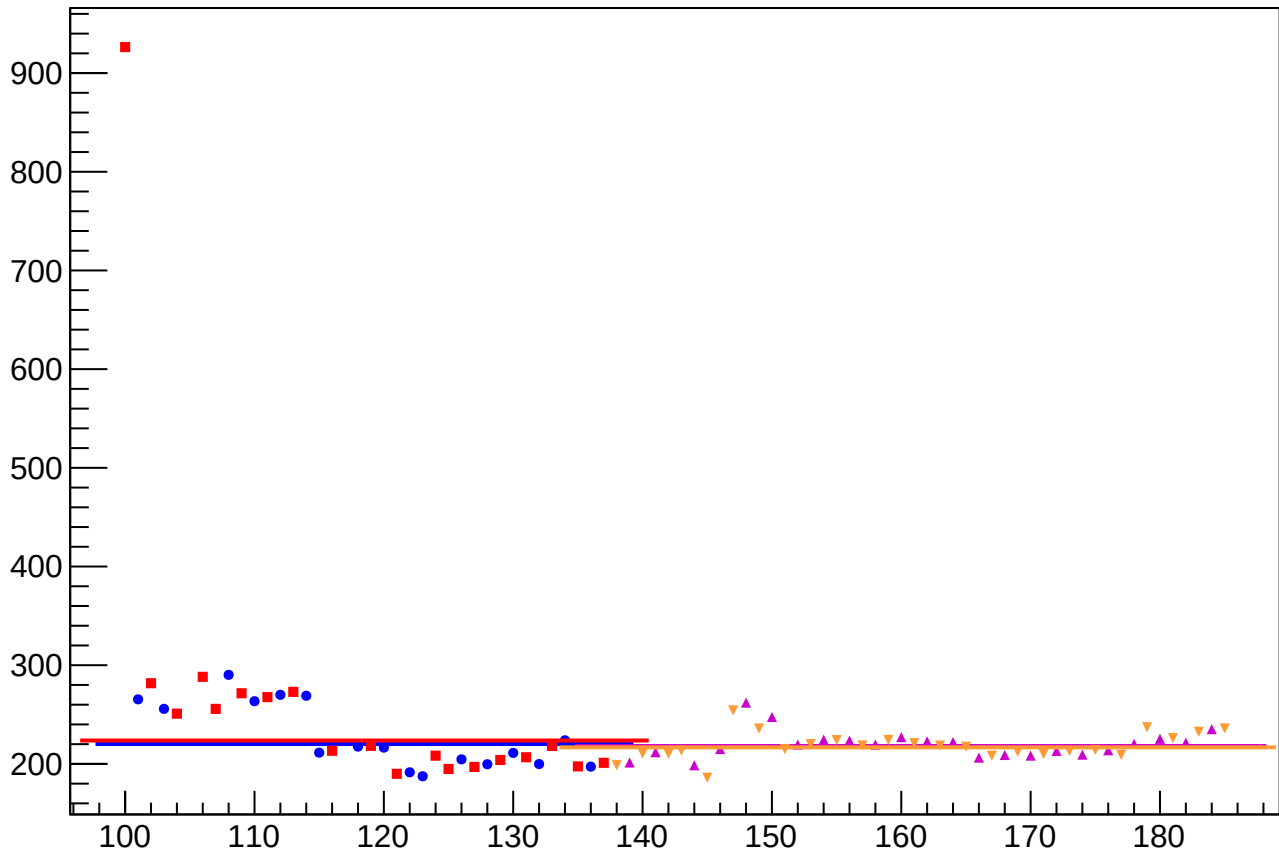
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -269.954 ± 50.508 $\chi^2/\text{NDF}: 27.4/24$
 Right Out: 56.213 ± 85.167 $\chi^2/\text{NDF}: 16.6/18$
 Left In: -222.456 ± 52.039 $\chi^2/\text{NDF}: 21.2/22$

Left: -246.914 ± 36.244 $\chi^2/\text{NDF}: 49.1/47$
 Right: 131.133 ± 60.386 $\chi^2/\text{NDF}: 27.7/35$
 In: -106.665 ± 44.471 $\chi^2/\text{NDF}: 49.1/39$
 Out: -185.088 ± 43.443 $\chi^2/\text{NDF}: 54.9/43$
 All: -146.793 ± 31.076 $\chi^2/\text{NDF}: 105.6/83$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 216.765 $\pm$ 0.036 χ^2 /NDF:137191.6/24

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 218.101 $\pm$ 0.037 χ^2 /NDF:125305.4/22

Left: 217.413 $\pm$ 0.026 χ^2 /NDF: 263176.1/47

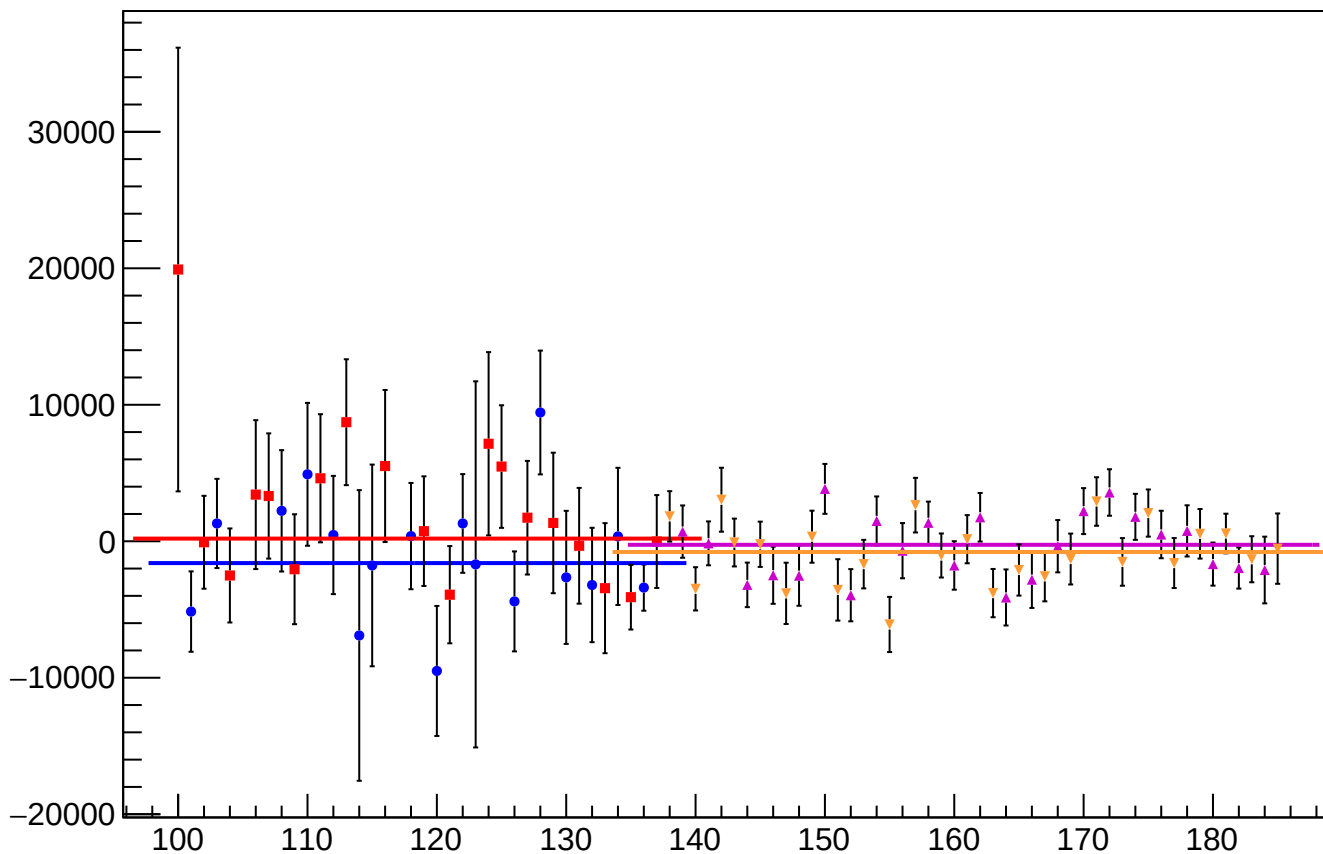
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.649 $\pm$ 0.031 χ^2 /NDF:354571.5/39

Out: 218.571 $\pm$ 0.031 χ^2 /NDF:500260.5/43

All: 218.609 $\pm$ 0.022 χ^2 /NDF: 854835.2/83

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: -788.604 $\pm$ 365.245 χ^2 /NDF:35.3/24

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -260.369 $\pm$ 376.365 χ^2 /NDF:35.4/22

Left: -532.405 $\pm$ 262.110 χ^2 /NDF: 71.7/47

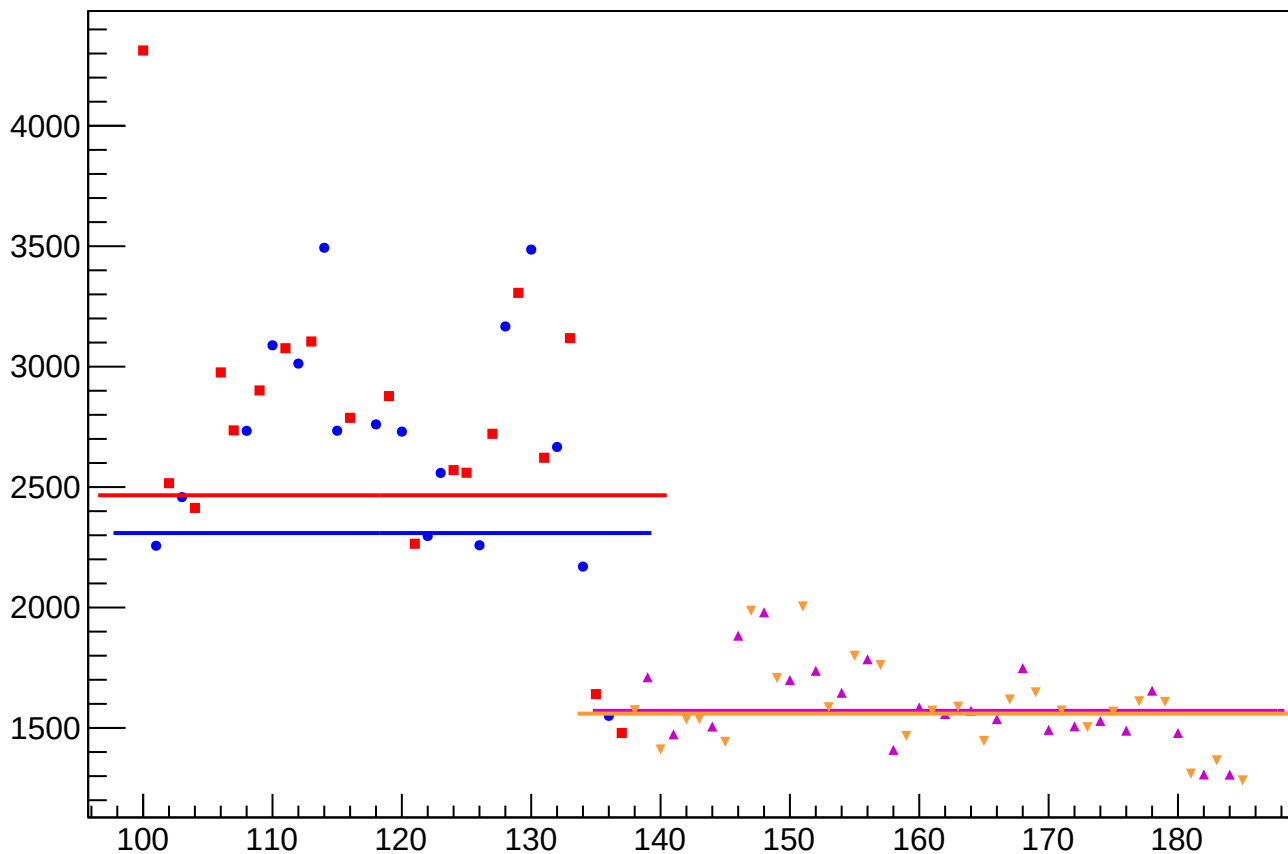
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -451.914 $\pm$ 348.400 χ^2 /NDF:53.8/39

Out: -661.352 $\pm$ 340.799 χ^2 /NDF:52.5/43

All: -558.942 $\pm$ 243.624 χ^2 /NDF: 106.6/83

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: 1559.472 $\pm$ 0.258 χ^2 /NDF: 374707.9/24

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1570.921 $\pm$ 0.266 χ^2 /NDF: 333590.4/22

Left: 1565.025 $\pm$ 0.185 χ^2 /NDF: 709251.5/47

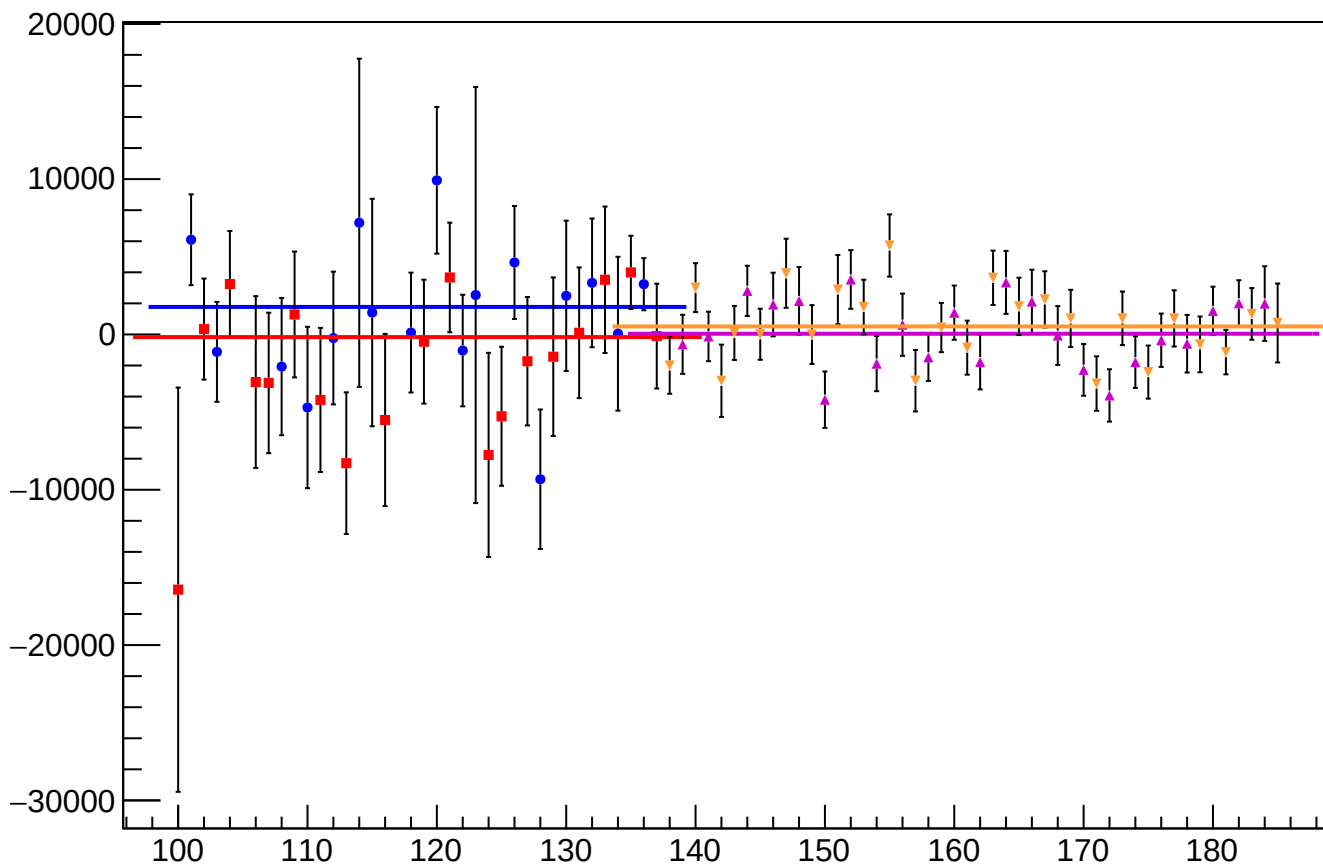
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1676.549 $\pm$ 0.246 χ^2 /NDF: 2235271.2/39

Out: 1676.743 $\pm$ 0.241 χ^2 /NDF: 2662419.8/43

All: 1676.648 $\pm$ 0.172 χ^2 /NDF: 4897691.3/83

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 516.285+/-361.067 χ^2/NDF : 35.6/24

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: 43.949+/-371.765 χ^2/NDF : 33.5/22

Left: 287.011+/-259.012 χ^2/NDF : 70.0/47

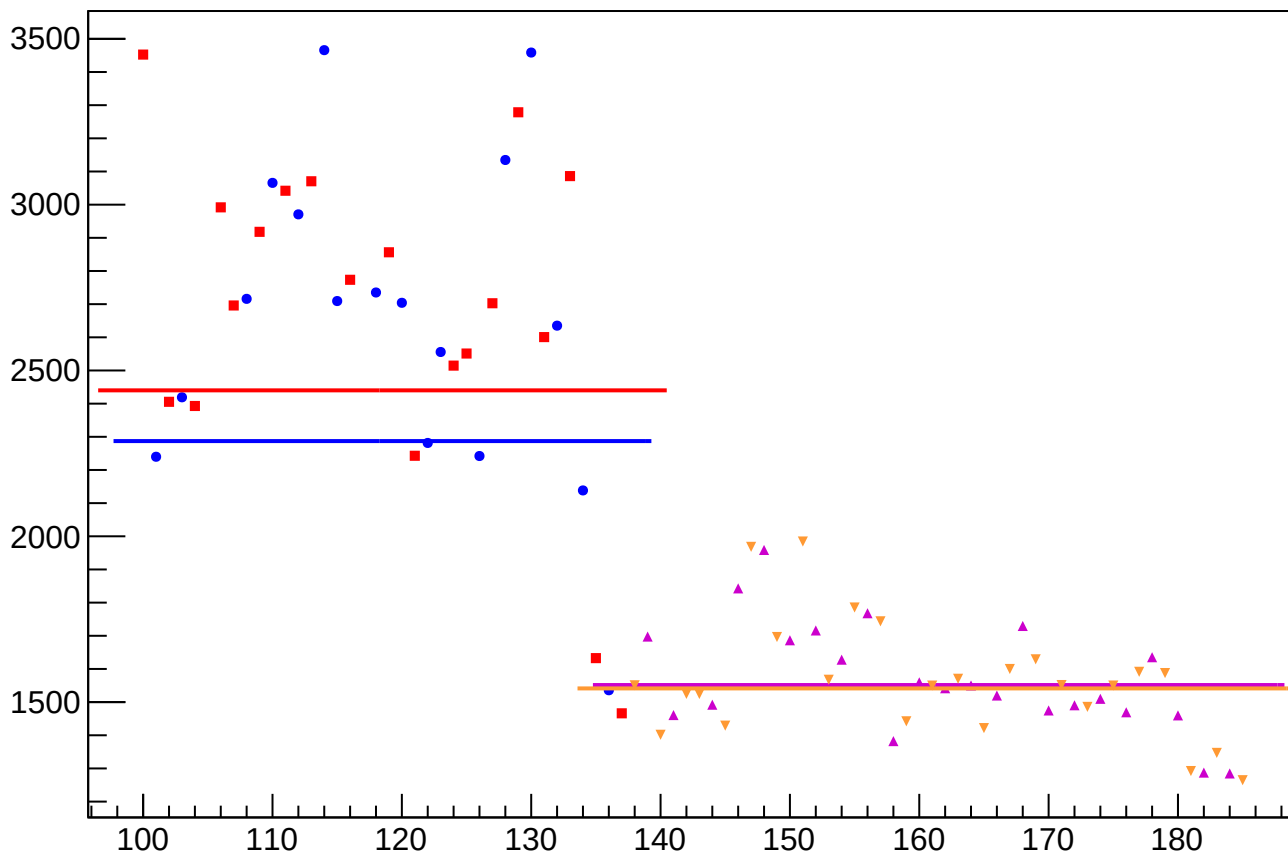
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 289.926+/-344.279 χ^2/NDF : 53.9/39

Out: 427.506+/-336.937 χ^2/NDF : 52.1/43

All: 360.199+/-240.804 χ^2/NDF : 106.1/83

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2/NDF : 799399.0/16

Left Out: 1541.302 $\pm$ 0.255 χ^2/NDF : 382471.7/24

Right Out: 2440.067 $\pm$ 0.663 χ^2/NDF : 679108.5/18

Left In: 1551.481 $\pm$ 0.263 χ^2/NDF : 339002.9/22

Left: 1546.243 $\pm$ 0.183 χ^2/NDF : 722246.2/47

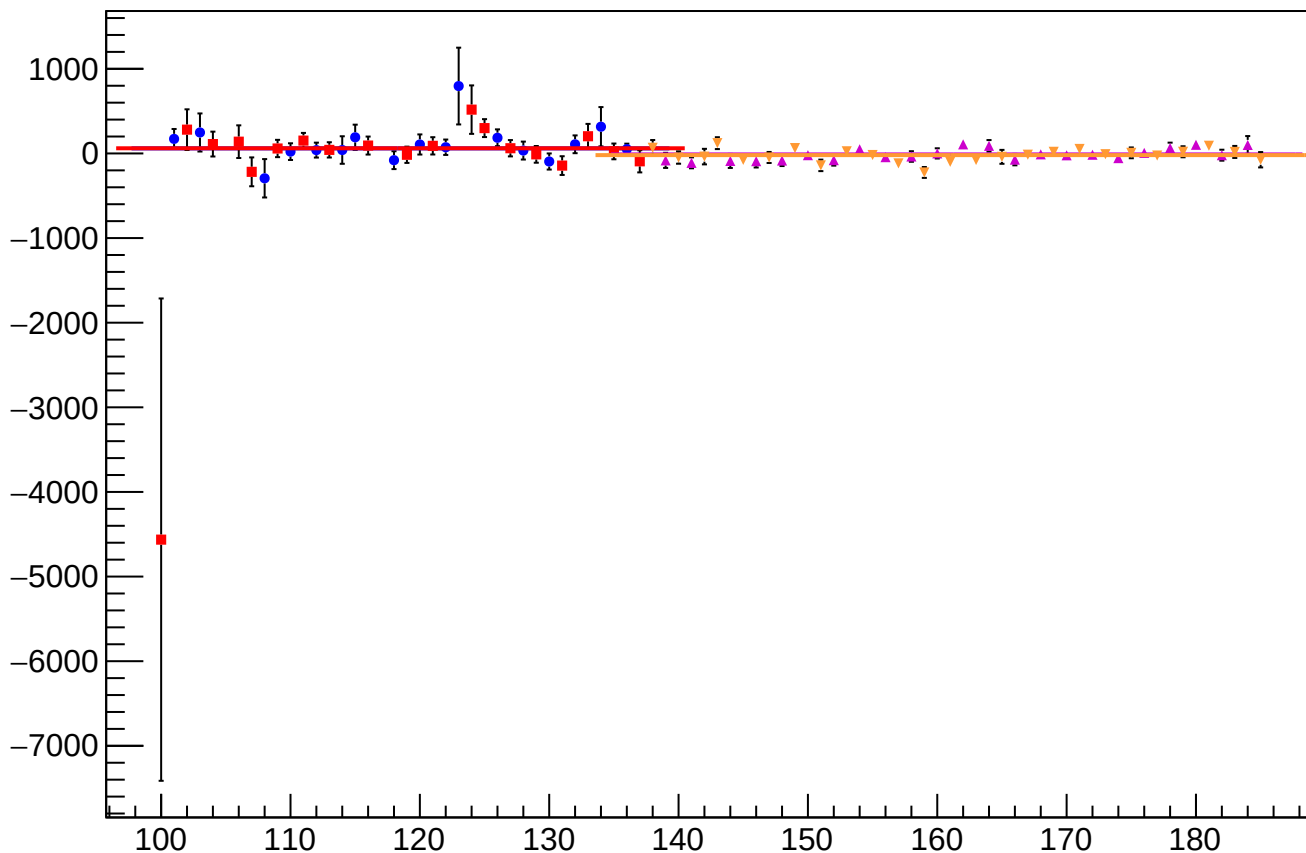
Right: 2361.511 $\pm$ 0.462 χ^2/NDF : 1505856.7/35

In: 1656.235 $\pm$ 0.243 χ^2/NDF : 2253516.6/39

Out: 1657.415 $\pm$ 0.238 χ^2/NDF : 2662557.6/43

All: 1656.838 $\pm$ 0.170 χ^2/NDF : 4916086.2/83

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -19.777+/-12.074 χ^2/NDF : 36.1/24

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -11.418+/-12.524 χ^2/NDF : 24.3/22

Left: -15.750+/-8.692 χ^2/NDF : 60.6/47

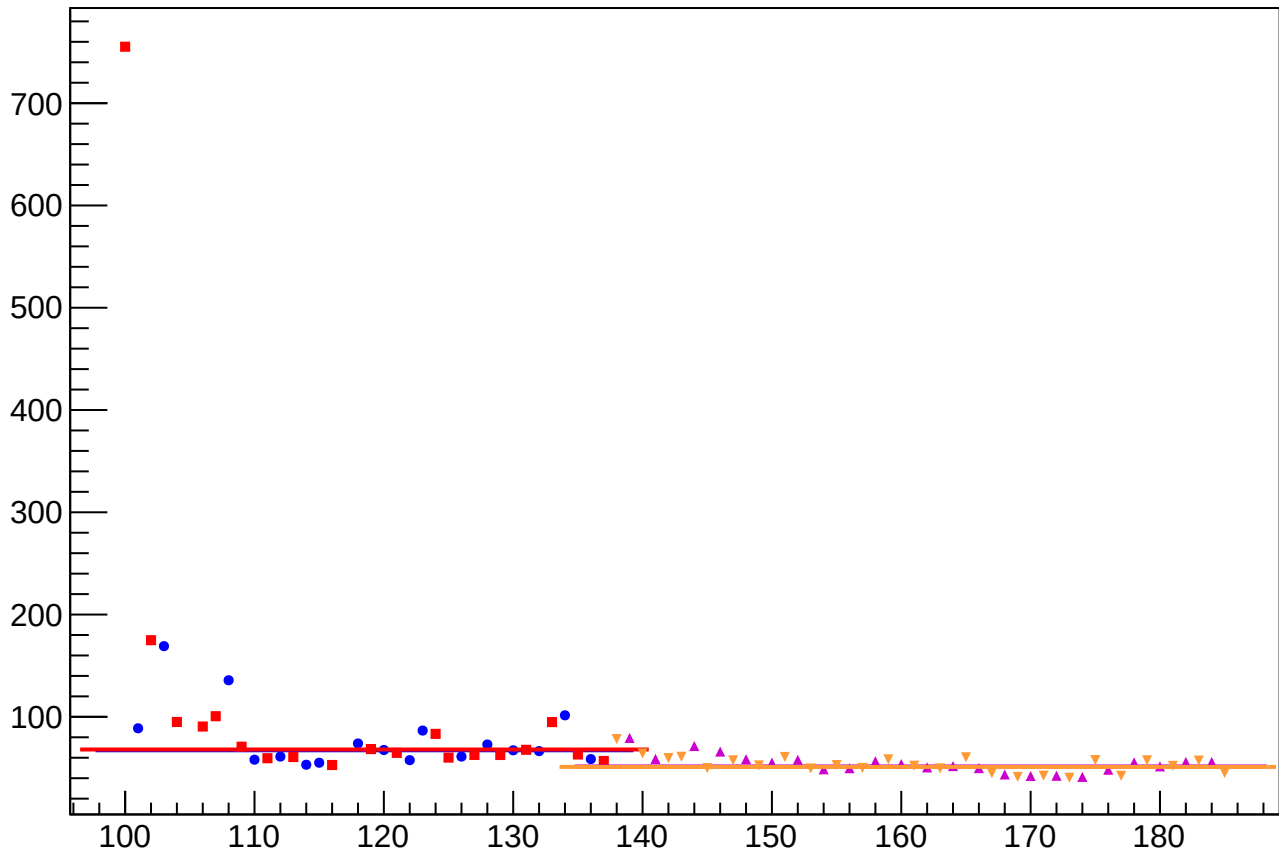
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: 1.106+/-11.367 χ^2/NDF : 45.3/39

Out: -6.325+/-11.023 χ^2/NDF : 65.9/43

All: -2.724+/-7.913 χ^2/NDF : 111.4/83

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 51.042 $\pm$ 0.009 χ^2 /NDF: 831344.8/24

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.501 $\pm$ 0.009 χ^2 /NDF: 818721.5/22

Left: 51.263 $\pm$ 0.006 χ^2 /NDF: 1651453.4/47

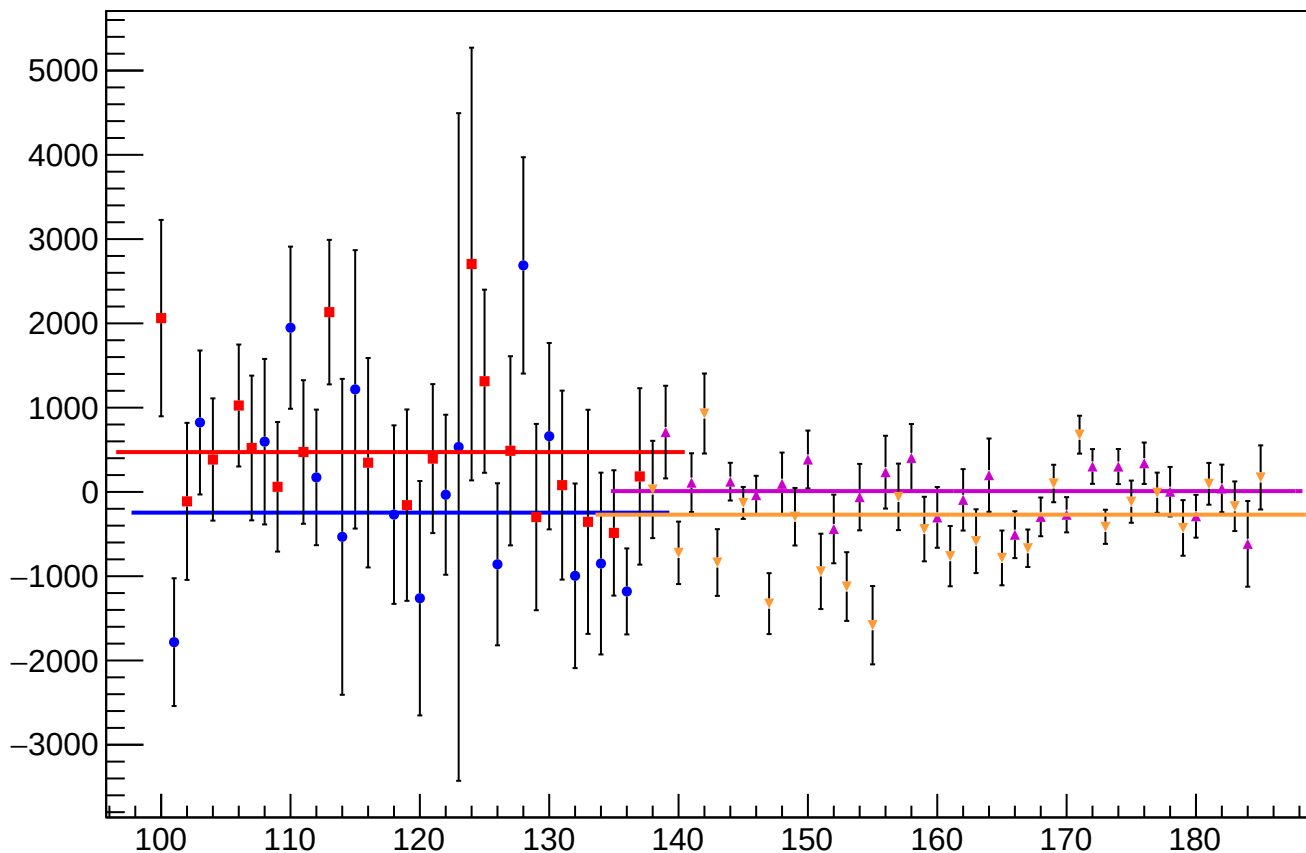
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.284 $\pm$ 0.008 χ^2 /NDF: 2220704.1/39

Out: 53.877 $\pm$ 0.008 χ^2 /NDF: 2363670.5/43

All: 54.074 $\pm$ 0.006 χ^2 /NDF: 4585697.1/83

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: -269.863 $\pm$ 59.728 χ^2 /NDF:69.2/24

Right Out: 472.860 $\pm$ 218.823 χ^2 /NDF: 11.3/18

Left In: 9.866 $\pm$ 60.601 χ^2 /NDF:22.5/22

Left: -132.027 $\pm$ 42.539 χ^2 /NDF: 102.5/47

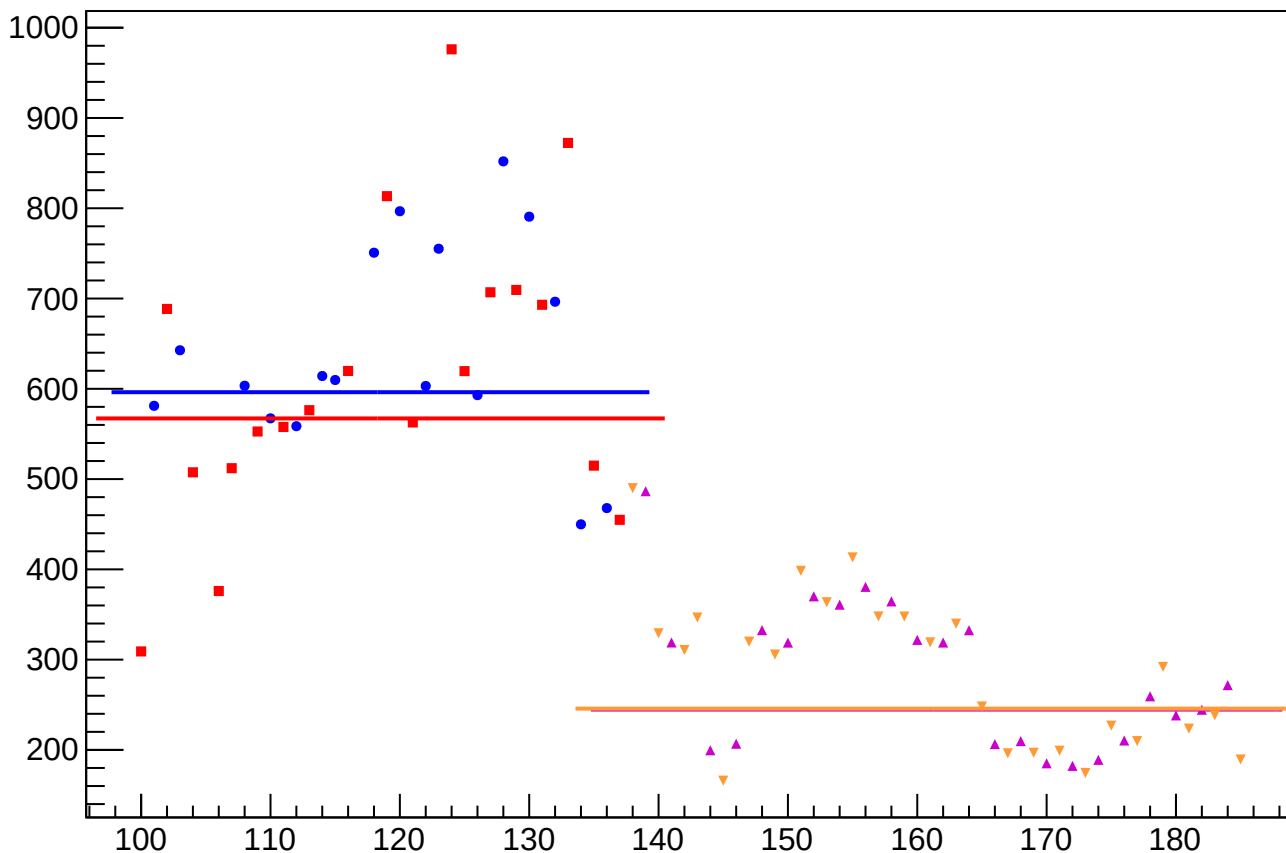
Right: 139.807 $\pm$ 160.273 χ^2 /NDF: 40.1/35

In: -6.014 $\pm$ 58.687 χ^2 /NDF:47.3/39

Out: -218.366 $\pm$ 57.620 χ^2 /NDF:91.2/43

All: -114.138 $\pm$ 41.116 χ^2 /NDF: 145.2/83

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: 245.736 $\pm$ 0.042 χ^2 /NDF: 2956683.8/24

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 244.671 $\pm$ 0.043 χ^2 /NDF: 2439501.9/22

Left: 245.211 $\pm$ 0.030 χ^2 /NDF: 5396499.2/47

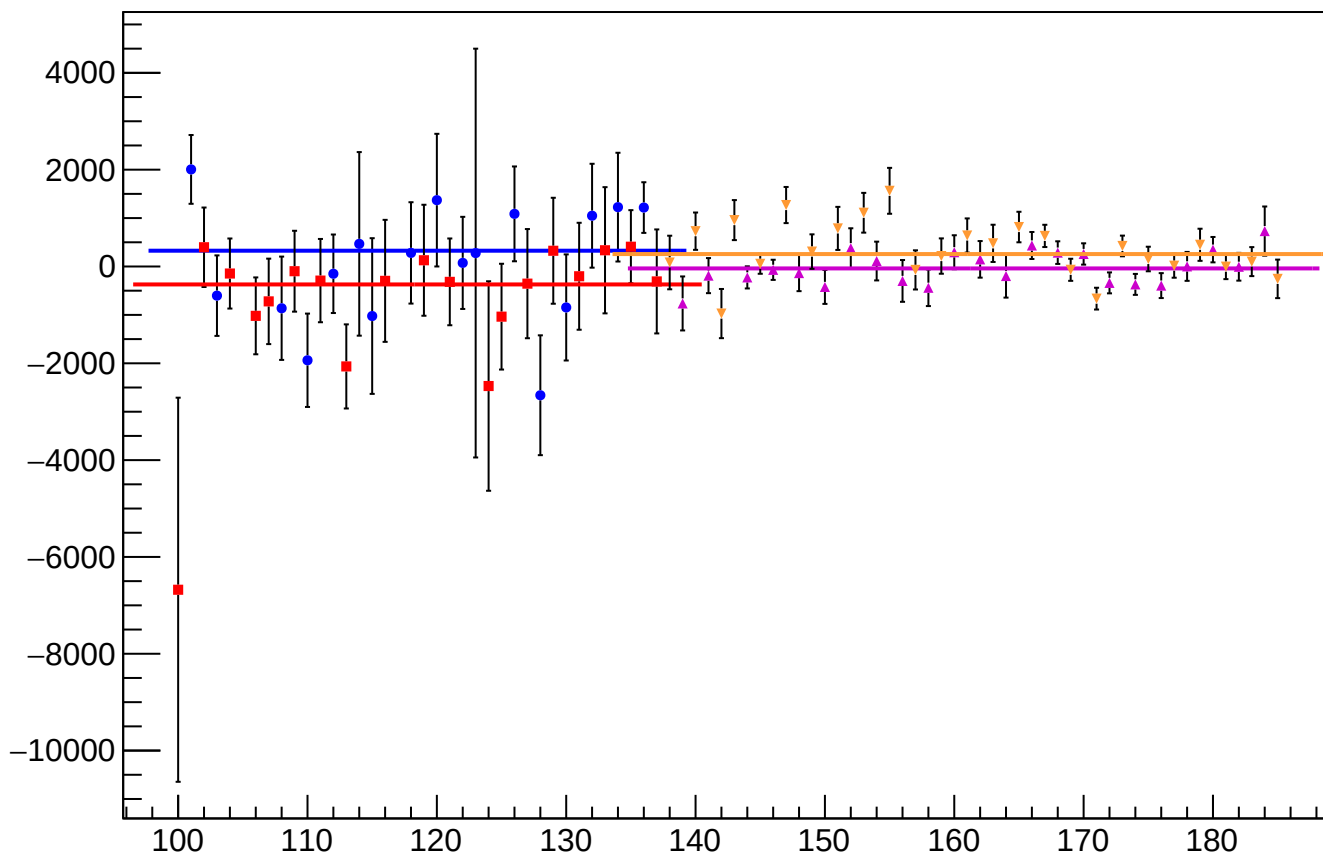
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 266.522 $\pm$ 0.041 χ^2 /NDF: 7045440.6/39

Out: 268.024 $\pm$ 0.041 χ^2 /NDF: 7648475.5/43

All: 267.287 $\pm$ 0.029 χ^2 /NDF: 14694582.8/83

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 256.680 ± 61.385 $\chi^2/\text{NDF}: 63.7/24$

Right Out: -370.721 ± 224.892 $\chi^2/\text{NDF}: 11.5/18$

Left In: -40.015 ± 61.495 $\chi^2/\text{NDF}: 25.0/22$

Left: 108.598 ± 43.445 $\chi^2/\text{NDF}: 100.4/47$

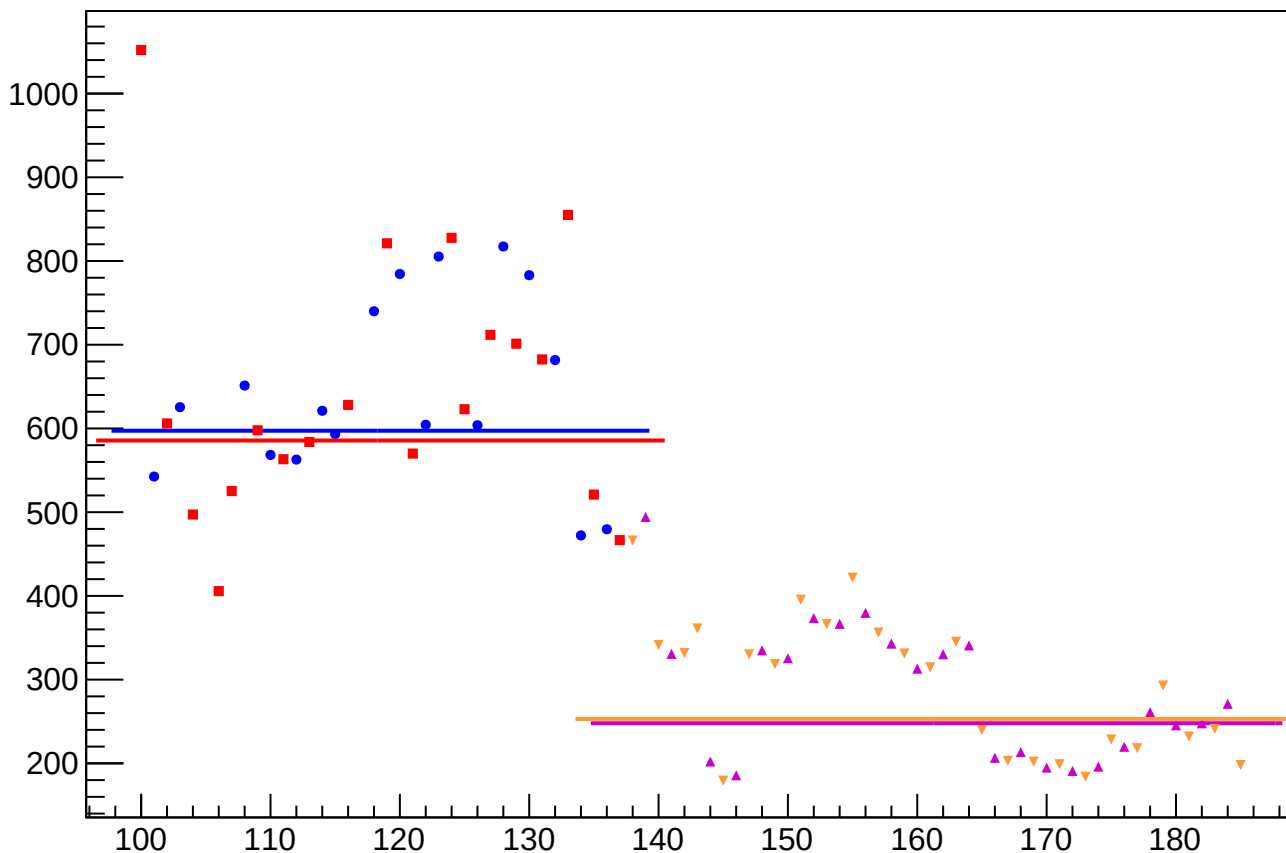
Right: -38.515 ± 162.676 $\chi^2/\text{NDF}: 43.0/35$

In: -16.665 ± 59.502 $\chi^2/\text{NDF}: 54.2/39$

Out: 213.178 ± 59.219 $\chi^2/\text{NDF}: 82.5/43$

All: 98.804 ± 41.974 $\chi^2/\text{NDF}: 144.2/83$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 253.076 $\pm$ 0.043 χ^2 /NDF: 2669173.2/24

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.919 $\pm$ 0.043 χ^2 /NDF: 2374698.8/22

Left: 250.502 $\pm$ 0.031 χ^2 /NDF: 5050917.1/47

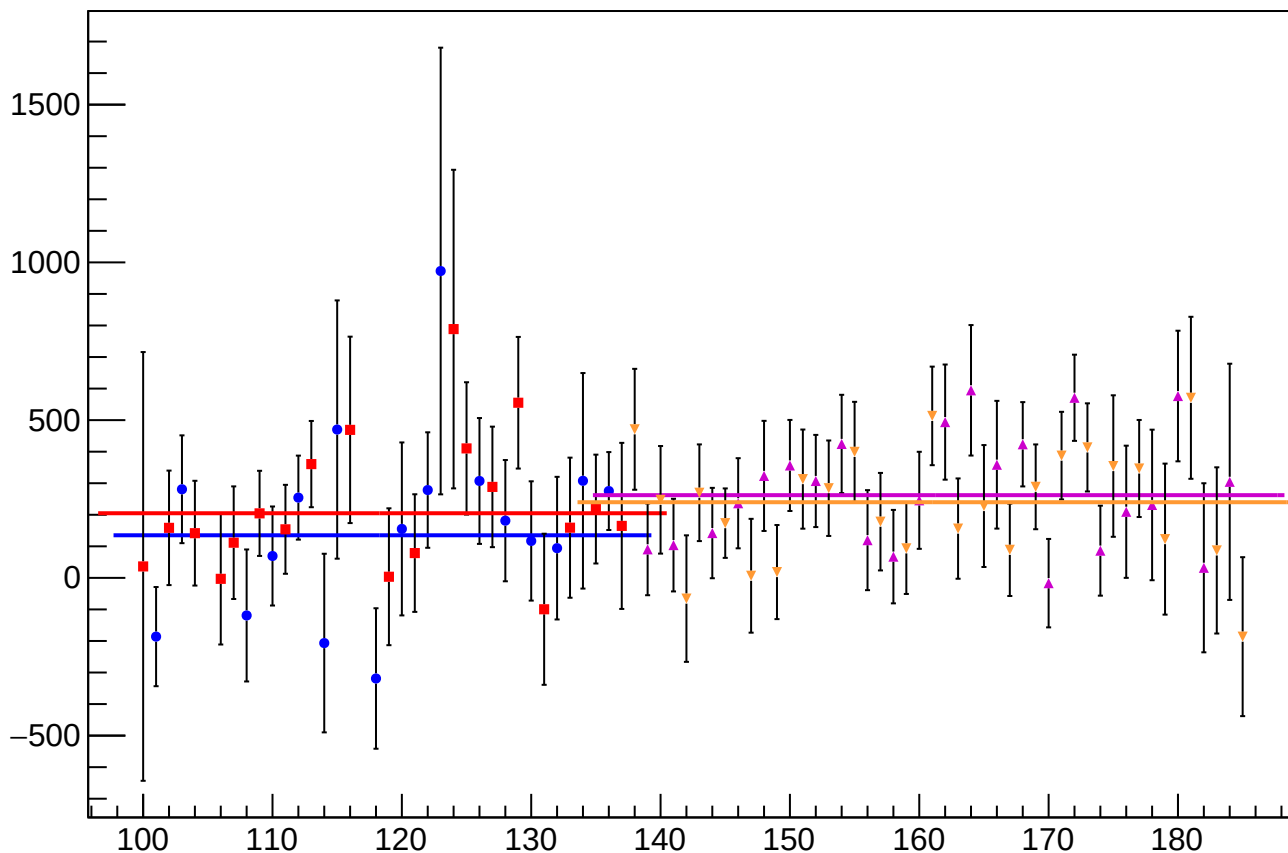
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 270.203 $\pm$ 0.042 χ^2 /NDF: 6856038.0/39

Out: 276.133 $\pm$ 0.042 χ^2 /NDF: 7213471.8/43

All: 273.182 $\pm$ 0.030 χ^2 /NDF: 14079488.7/83

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2 /NDF: 18.1/16

Left Out: 239.802 $\pm$ 32.644 χ^2 /NDF:23.6/24

Right Out: 204.866 $\pm$ 44.440 χ^2 /NDF: 12.1/18

Left In: 262.179 $\pm$ 34.097 χ^2 /NDF:27.2/22

Left: 250.504 $\pm$ 23.580 χ^2 /NDF: 51.0/47

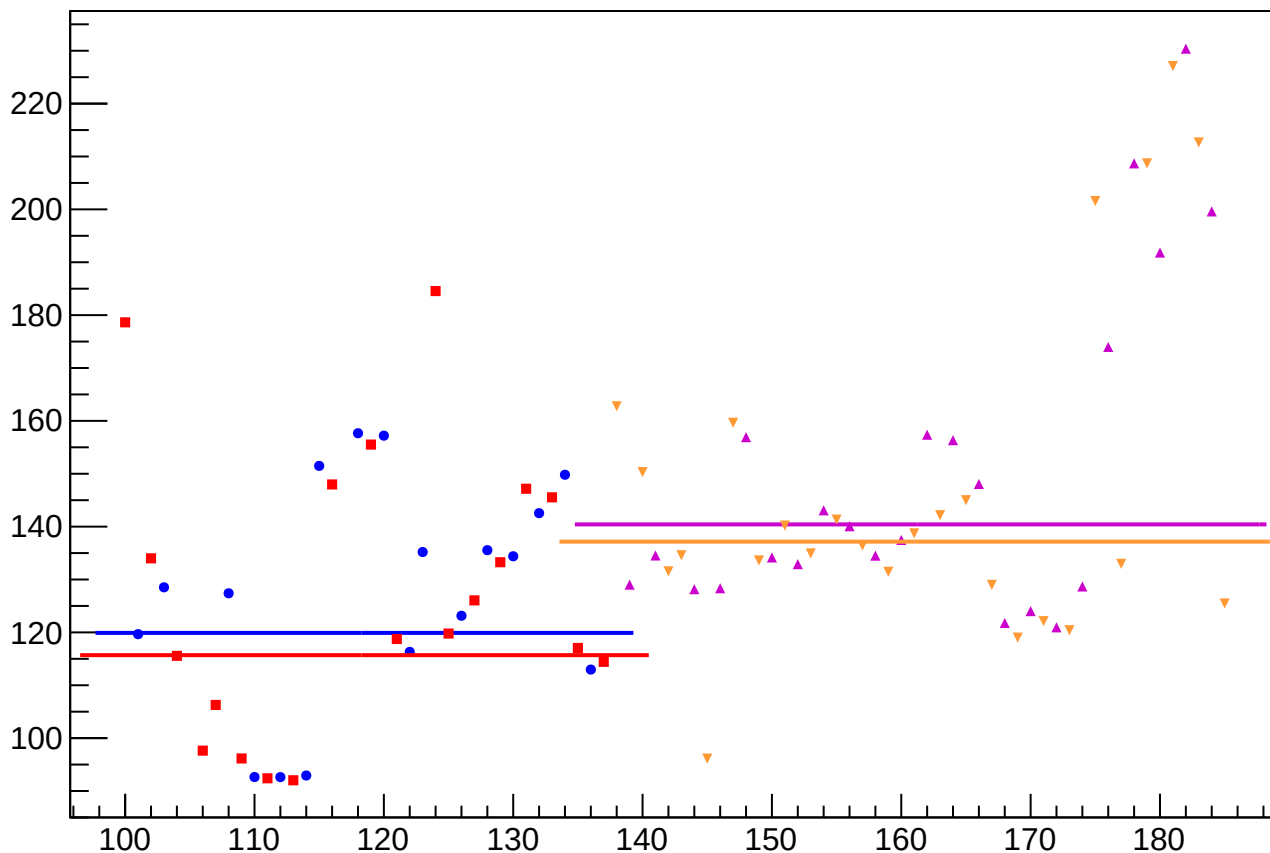
Right: 171.919 $\pm$ 32.299 χ^2 /NDF: 31.3/35

In: 218.365 $\pm$ 27.604 χ^2 /NDF:50.0/39

Out: 227.558 $\pm$ 26.309 χ^2 /NDF:36.1/43

All: 223.182 $\pm$ 19.045 χ^2 /NDF: 86.2/83

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 137.161 $\pm$ 0.023 χ^2 /NDF:1225222.2/24

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 140.421 $\pm$ 0.024 χ^2 /NDF:842288.1/22

Left: 138.720 $\pm$ 0.017 χ^2 /NDF: 2077045.6/47

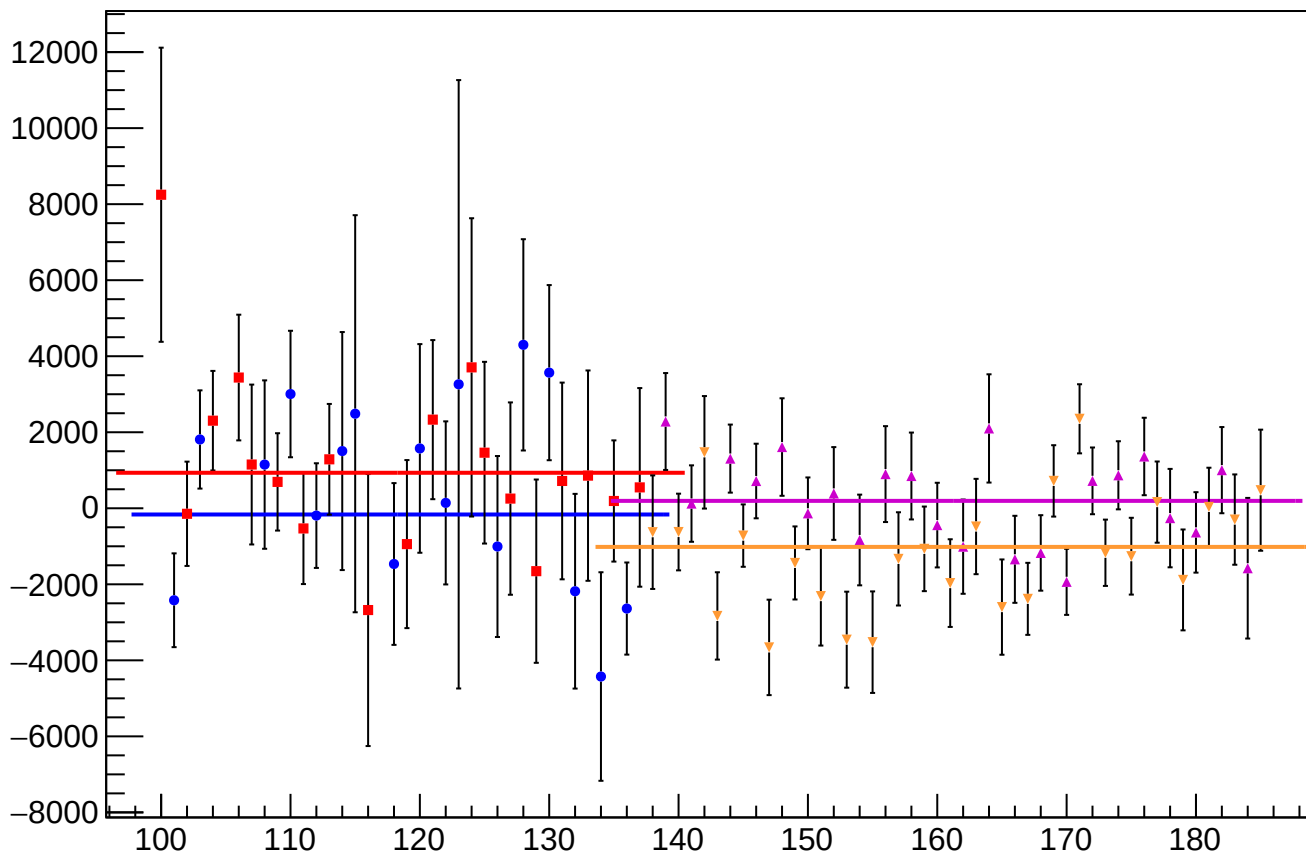
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 133.351 $\pm$ 0.020 χ^2 /NDF:1437338.0/39

Out: 129.637 $\pm$ 0.019 χ^2 /NDF:1963732.8/43

All: 131.405 $\pm$ 0.013 χ^2 /NDF: 3420038.7/83

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: -1016.050 $\pm$ 221.586 χ^2 /NDF:44.4/24

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 194.721 $\pm$ 226.403 χ^2 /NDF:24.4/22

Left: -423.681 $\pm$ 158.360 χ^2 /NDF: 83.4/47

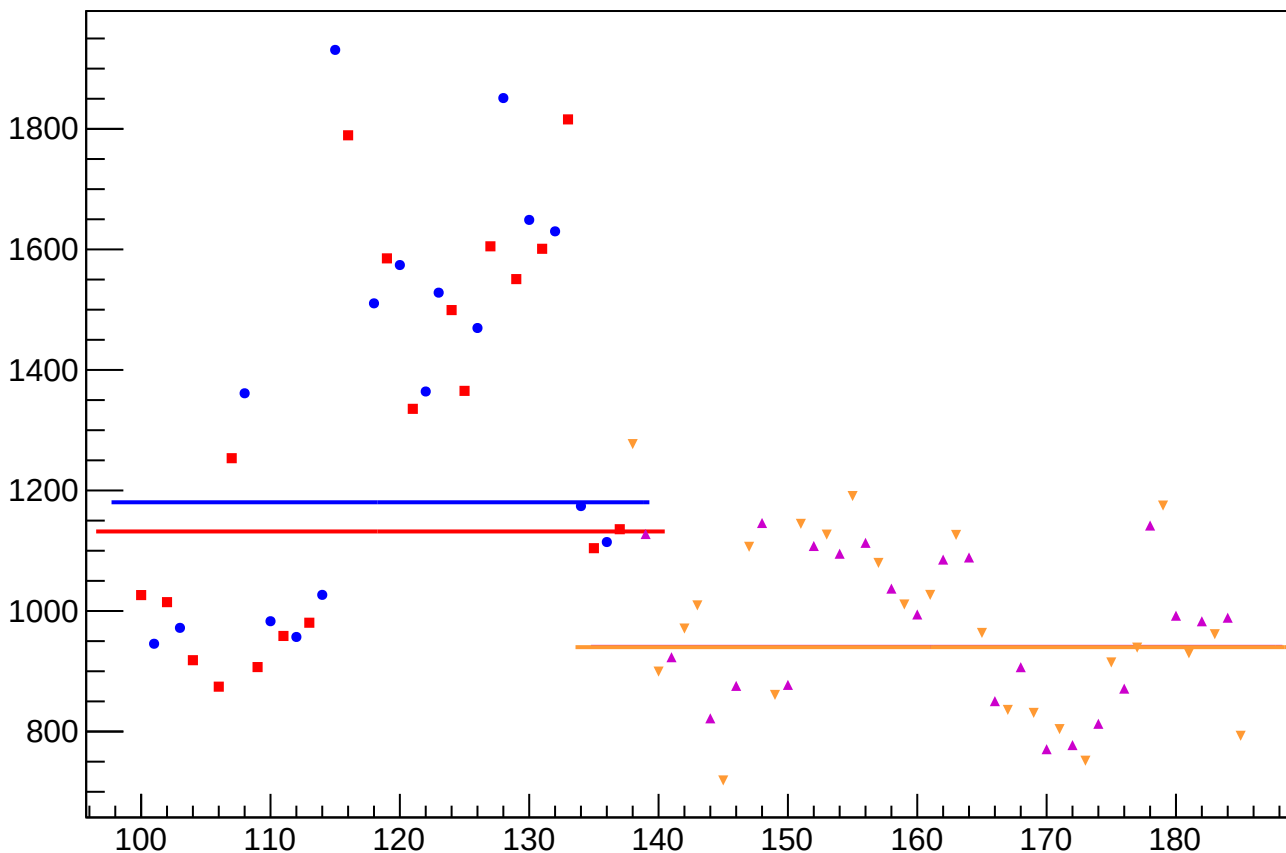
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 127.151 $\pm$ 203.938 χ^2 /NDF:48.6/39

Out: -618.157 $\pm$ 197.691 χ^2 /NDF:73.0/43

All: -257.092 $\pm$ 141.946 χ^2 /NDF: 128.5/83

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 940.003+/-0.157 χ^2/NDF : 832365.2/24

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 940.516+/-0.160 χ^2/NDF : 591572.1/22

Left: 940.254+/-0.112 χ^2/NDF : 1423942.6/47

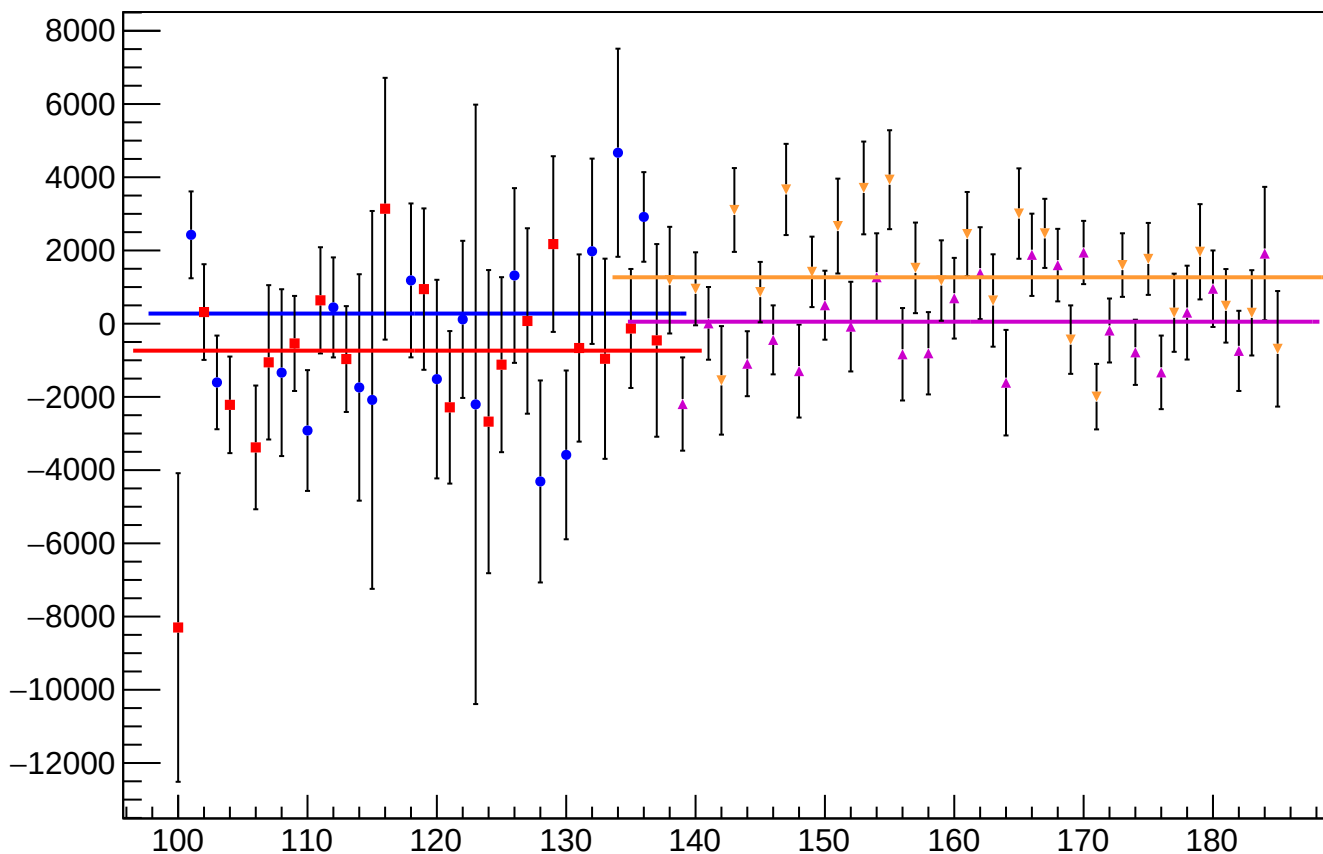
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 985.760+/-0.144 χ^2/NDF : 1683898.5/39

Out: 979.174+/-0.140 χ^2/NDF : 1900578.6/43

All: 982.365+/-0.100 χ^2/NDF : 3585552.3/83

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1267.633 $\pm$ 220.047 χ^2 /NDF:44.9/24

Right Out: -736.749 $\pm$ 437.448 χ^2 /NDF: 12.8/18

Left In: 53.940 $\pm$ 224.371 χ^2 /NDF:26.4/22

Left: 672.594 $\pm$ 157.103 χ^2 /NDF: 86.2/47

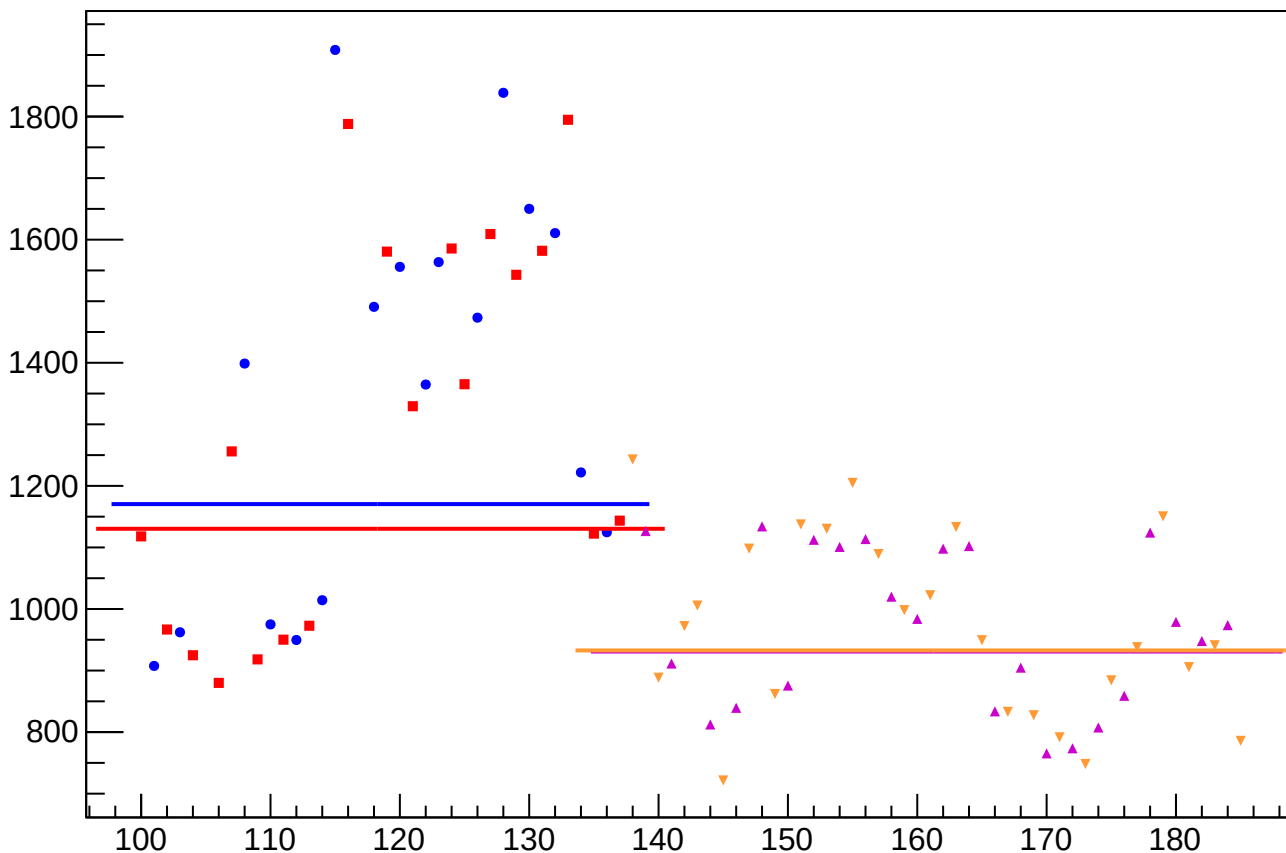
Right: -262.610 $\pm$ 319.075 χ^2 /NDF: 39.7/35

In: 95.748 $\pm$ 202.193 χ^2 /NDF:50.9/39

Out: 862.876 $\pm$ 196.578 χ^2 /NDF:74.5/43

All: 490.112 $\pm$ 140.945 χ^2 /NDF: 132.8/83

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 932.687 $\pm$ 0.156 χ^2 /NDF: 830945.7/24

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 930.854 $\pm$ 0.159 χ^2 /NDF: 621985.5/22

Left: 931.788 $\pm$ 0.111 χ^2 /NDF: 1452999.2/47

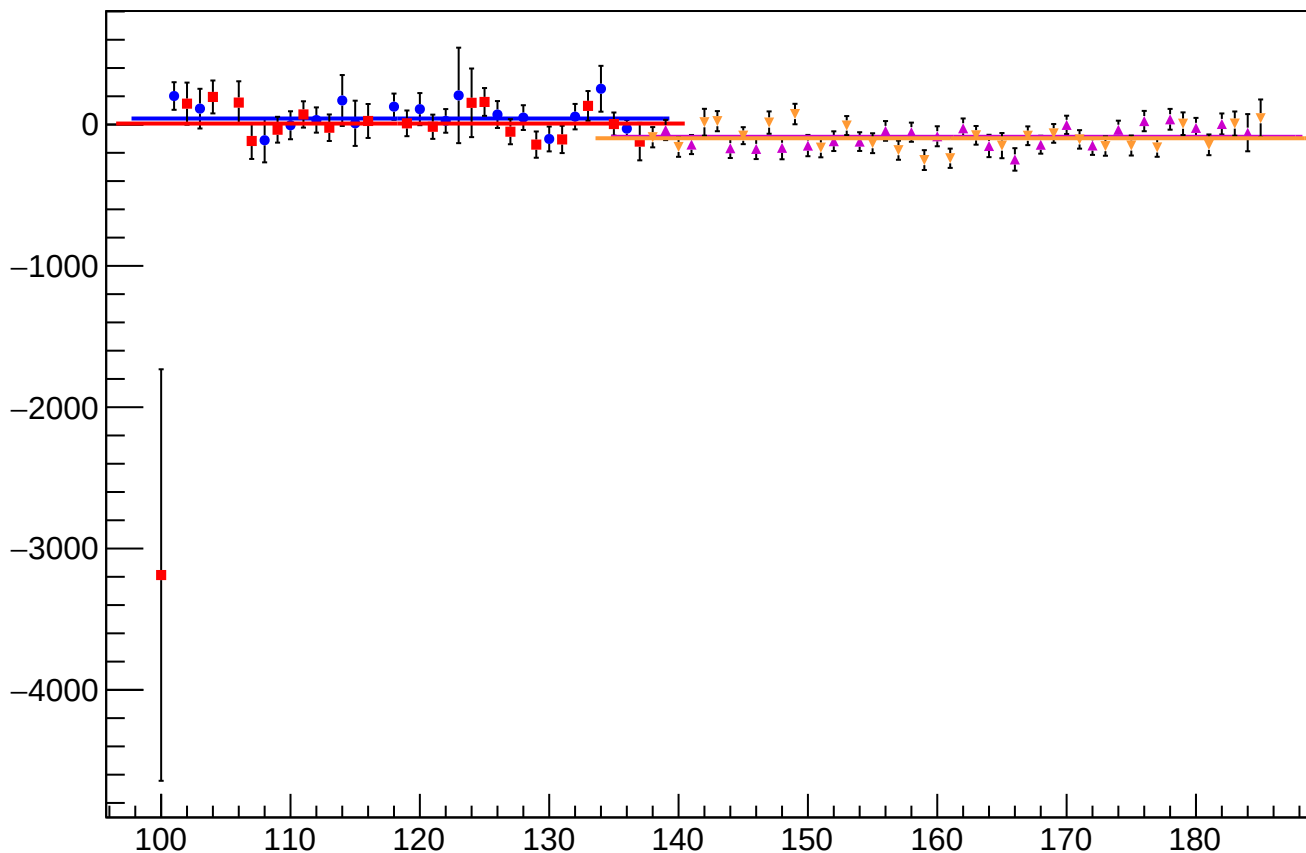
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 975.870 $\pm$ 0.143 χ^2 /NDF: 1755883.0/39

Out: 972.597 $\pm$ 0.139 χ^2 /NDF: 1919783.3/43

All: 974.187 $\pm$ 0.100 χ^2 /NDF: 3675935.7/83

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: -96.981 ± 14.386 $\chi^2/\text{NDF}: 34.1/24$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -86.657 ± 14.916 $\chi^2/\text{NDF}: 23.5/22$

Left: -92.006 ± 10.355 $\chi^2/\text{NDF}: 57.8/47$

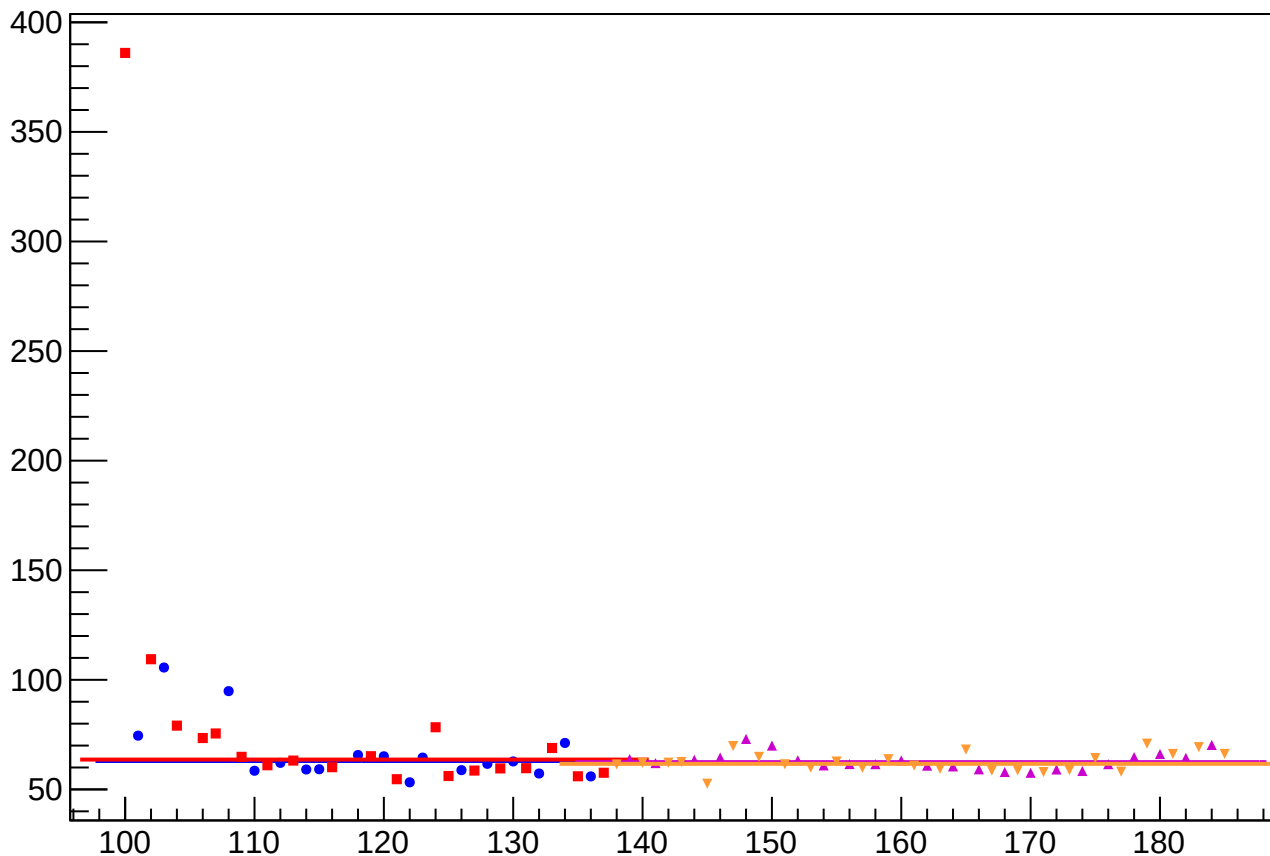
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -52.100 ± 12.768 $\chi^2/\text{NDF}: 55.6/39$

Out: -70.279 ± 12.404 $\chi^2/\text{NDF}: 68.1/43$

All: -61.452 ± 8.897 $\chi^2/\text{NDF}: 124.7/83$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.671 $\pm$ 0.010 χ^2 /NDF:168662.6/24

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.447 $\pm$ 0.011 χ^2 /NDF:115477.5/22

Left: 62.045 $\pm$ 0.007 χ^2 /NDF: 286945.5/47

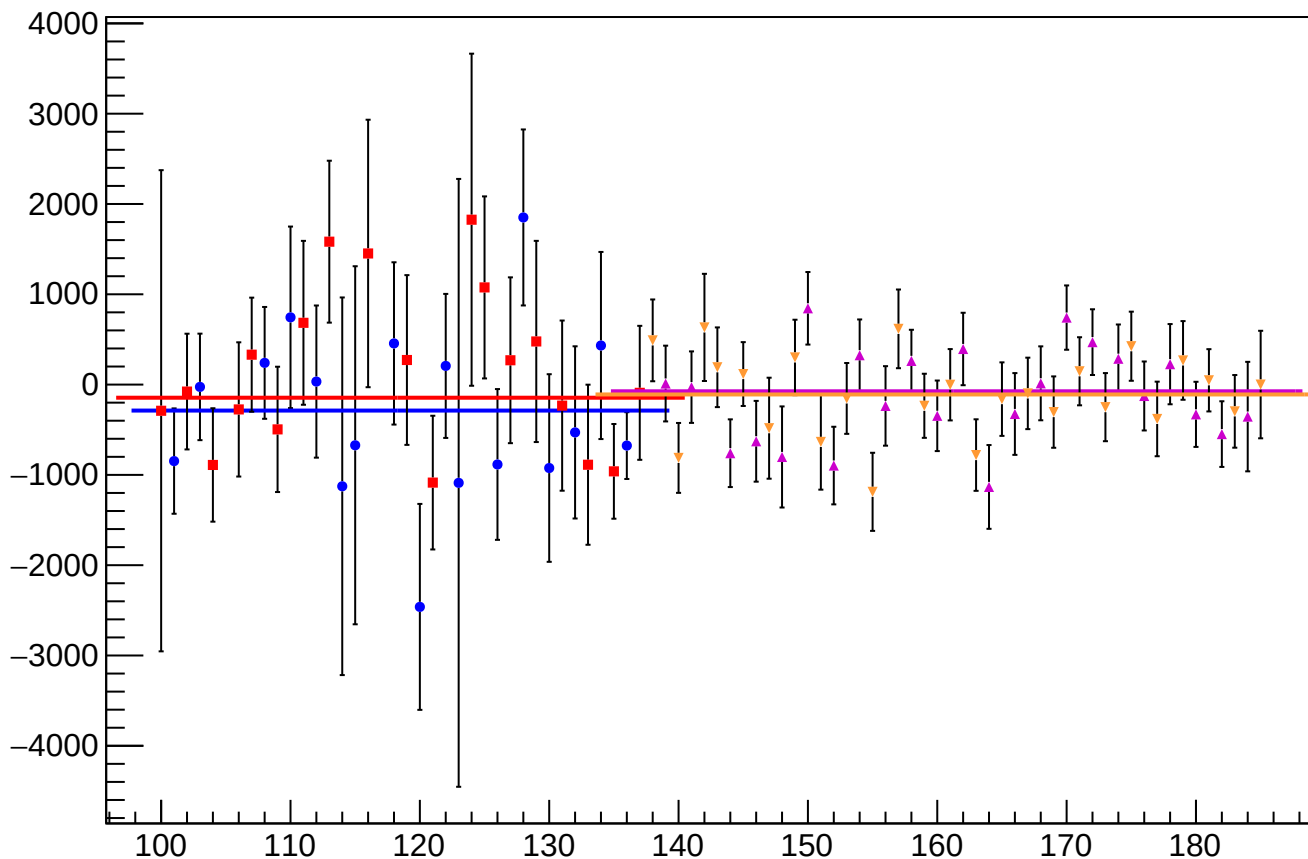
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.590 $\pm$ 0.009 χ^2 /NDF:491422.8/39

Out: 62.169 $\pm$ 0.009 χ^2 /NDF:611565.0/43

All: 62.374 $\pm$ 0.006 χ^2 /NDF: 1104102.0/83

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682+/-189.888 χ^2/NDF : 15.4/16

Left Out: -109.281+/-82.721 χ^2/NDF : 26.4/24

Right Out: -145.341+/-187.312 χ^2/NDF : 16.1/18

Left In: -74.139+/-84.673 χ^2/NDF : 36.3/22

Left: -92.120+/-59.171 χ^2/NDF : 62.8/47

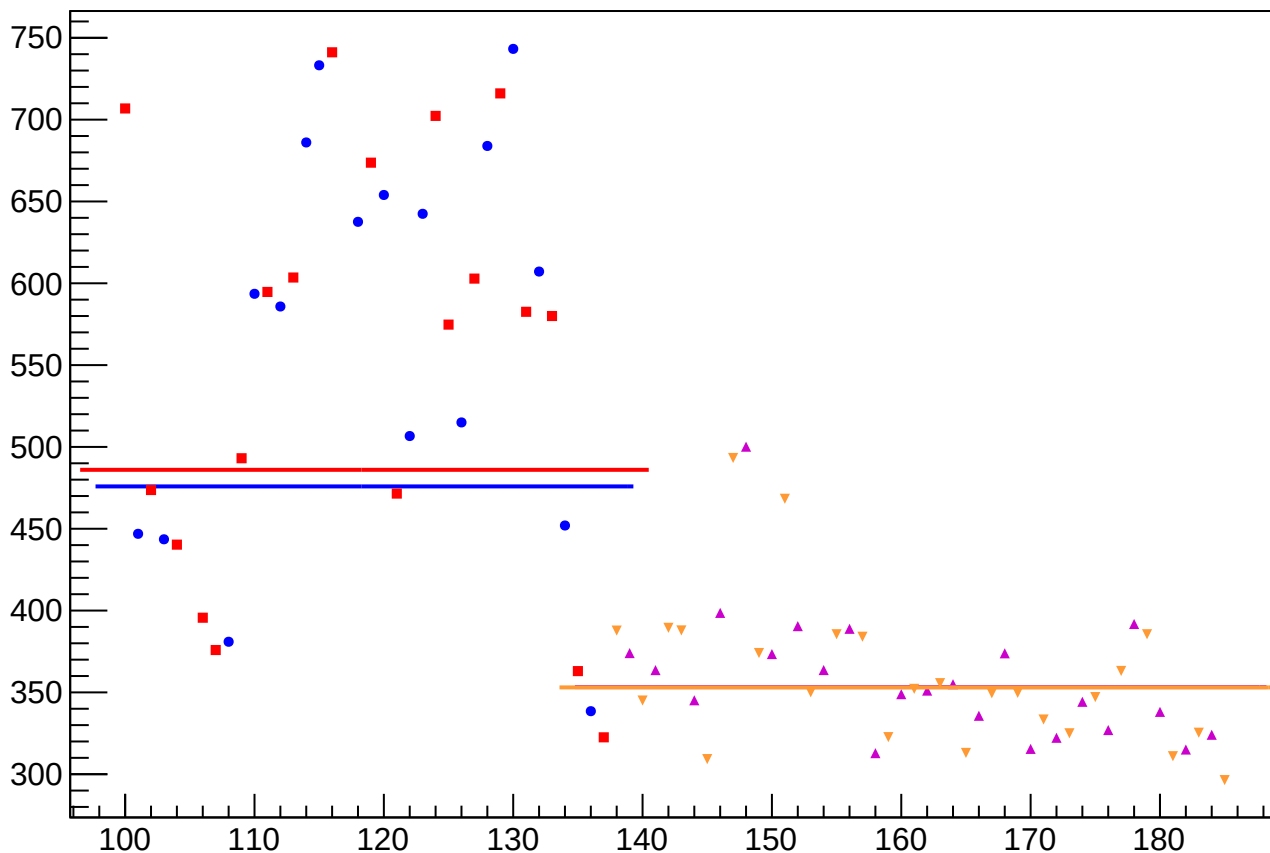
Right: -215.540+/-133.351 χ^2/NDF : 31.7/35

In: -109.557+/-77.333 χ^2/NDF : 52.7/39

Out: -115.166+/-75.671 χ^2/NDF : 42.5/43

All: -112.423+/-54.085 χ^2/NDF : 95.2/83

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 353.041 $\pm$ 0.058 χ^2 /NDF: 431674.9/24

Right Out: 486.011 $\pm$ 0.132 χ^2 /NDF: 730123.7/18

Left In: 353.246 $\pm$ 0.060 χ^2 /NDF: 328781.6/22

Left: 353.141 $\pm$ 0.042 χ^2 /NDF: 760462.5/47

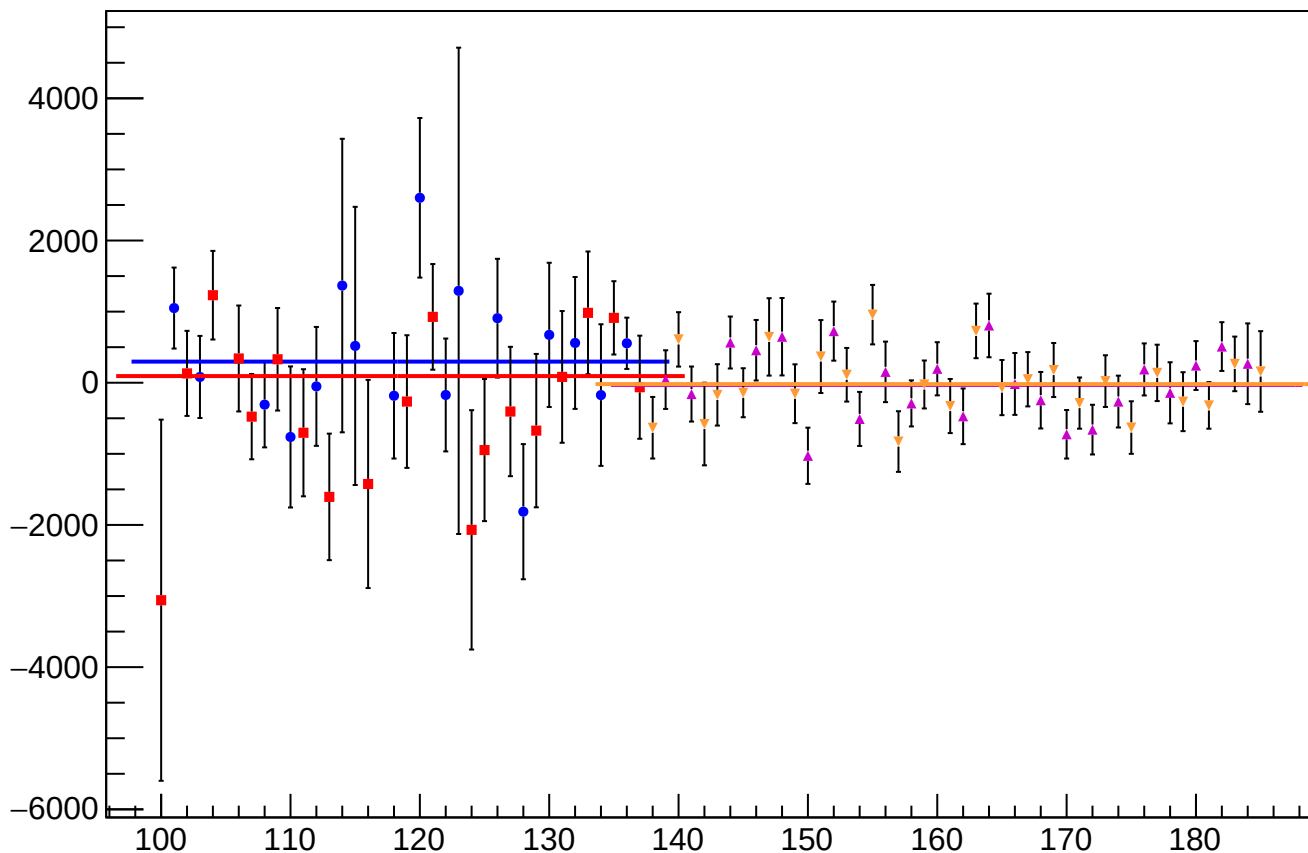
Right: 481.010 $\pm$ 0.094 χ^2 /NDF: 1570822.6/35

In: 373.585 $\pm$ 0.055 χ^2 /NDF: 1862301.4/39

Out: 374.742 $\pm$ 0.054 χ^2 /NDF: 2005179.5/43

All: 374.176 $\pm$ 0.038 χ^2 /NDF: 3867709.7/83

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: -19.546 $\pm$ 79.789 χ^2 /NDF:27.3/24

Right Out: 93.523 $\pm$ 183.916 χ^2 /NDF: 20.1/18

Left In: -31.531 $\pm$ 81.476 χ^2 /NDF:34.8/22

Left: -25.413 $\pm$ 57.006 χ^2 /NDF: 62.1/47

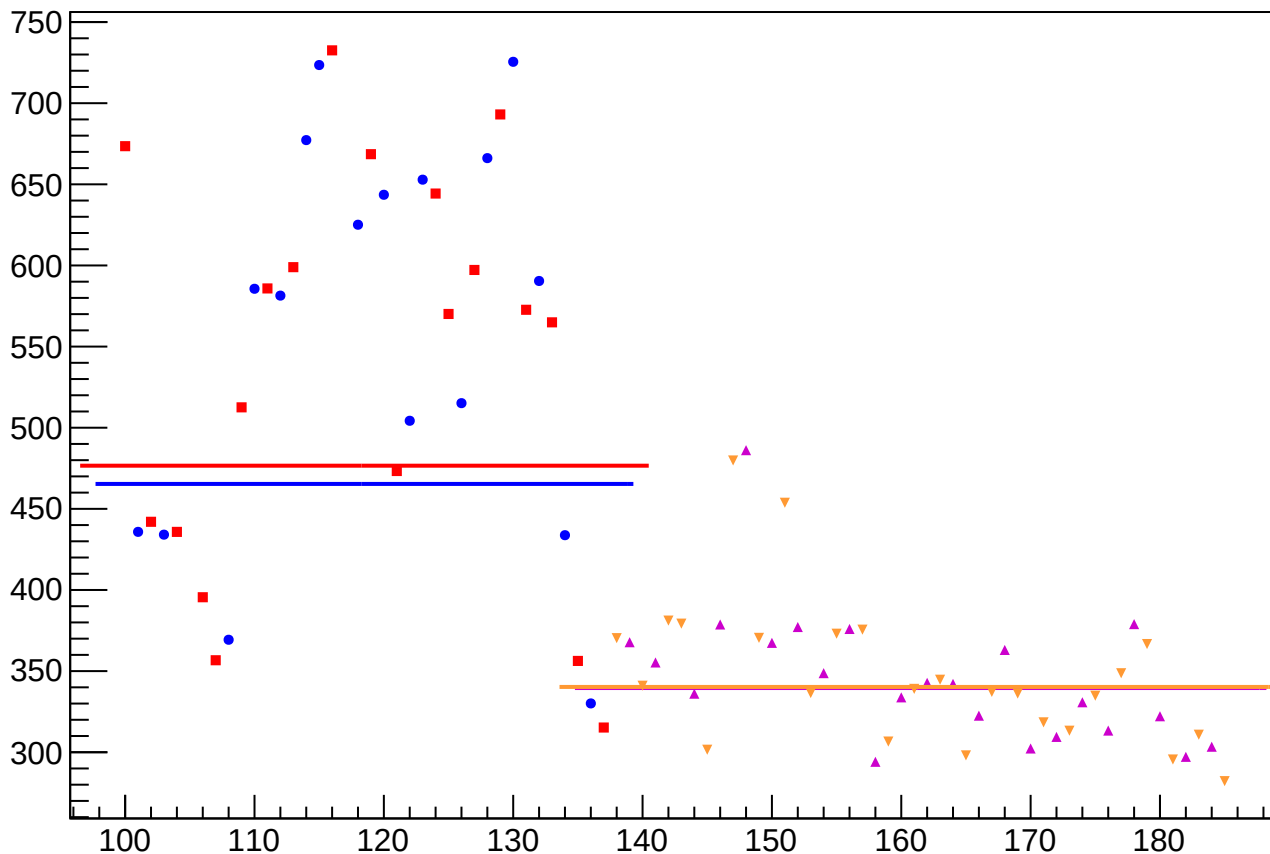
Right: 194.121 $\pm$ 130.770 χ^2 /NDF: 36.6/35

In: 21.368 $\pm$ 74.628 χ^2 /NDF:53.3/39

Out: -1.636 $\pm$ 73.197 χ^2 /NDF:47.7/43

All: 9.643 $\pm$ 52.257 χ^2 /NDF: 101.0/83

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: 340.246 $\pm$ 0.056 χ^2 /NDF: 469611.9/24

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 339.571 $\pm$ 0.058 χ^2 /NDF: 377816.0/22

Left: 339.915 $\pm$ 0.040 χ^2 /NDF: 847498.0/47

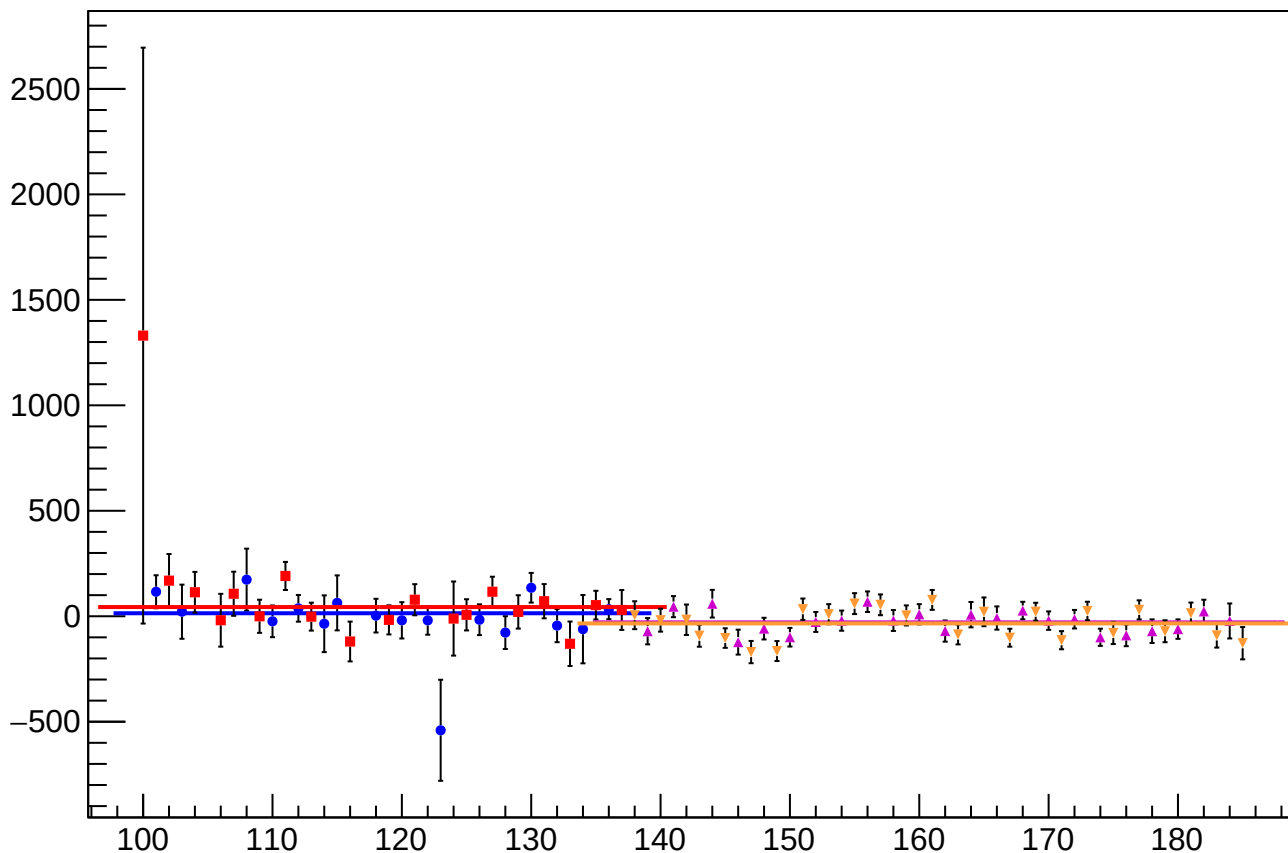
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 359.825 $\pm$ 0.053 χ^2 /NDF: 2005817.1/39

Out: 361.844 $\pm$ 0.052 χ^2 /NDF: 2147703.8/43

All: 360.854 $\pm$ 0.037 χ^2 /NDF: 4154266.4/83

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: -33.955 ± 10.067 $\chi^2/\text{NDF}: 52.0/24$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -28.995 ± 10.494 $\chi^2/\text{NDF}: 24.1/22$

Left: -31.578 ± 7.264 $\chi^2/\text{NDF}: 76.2/47$

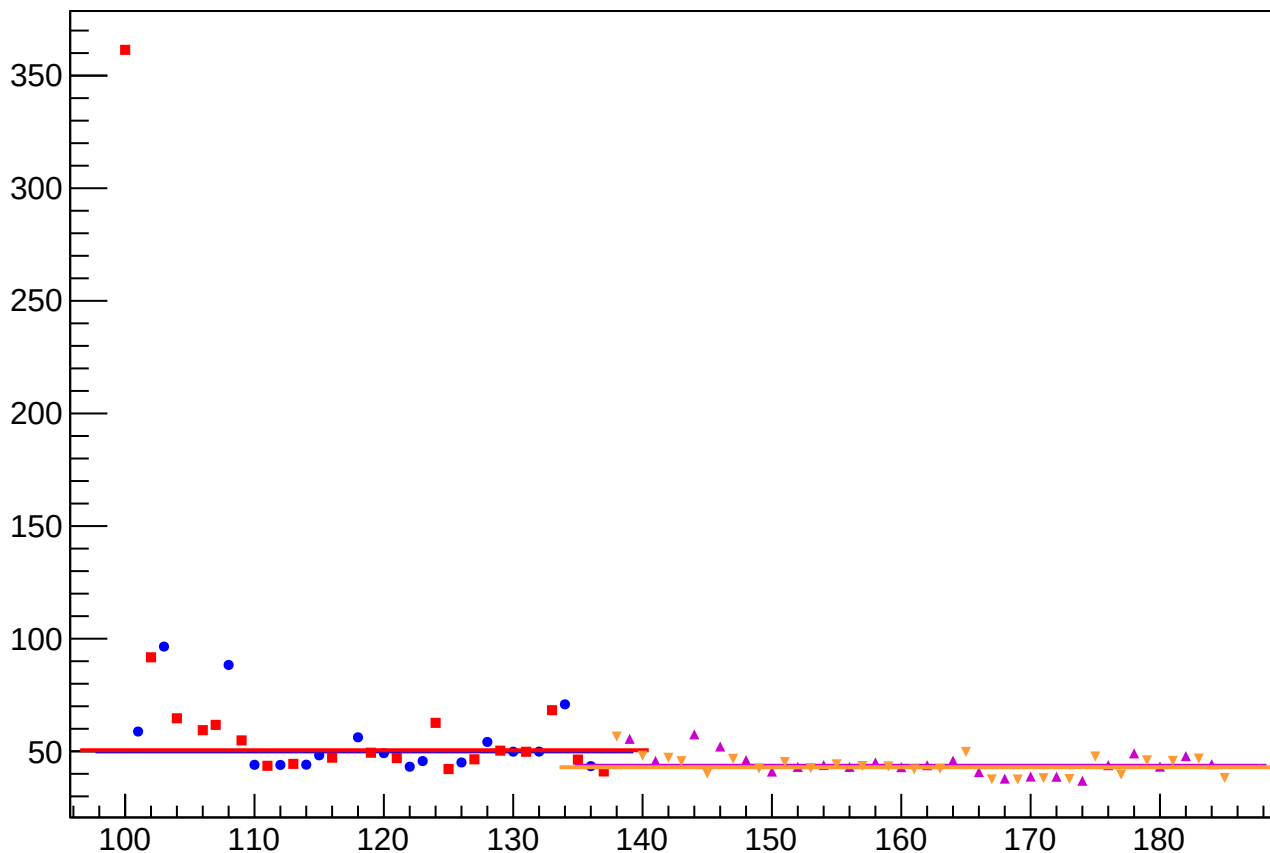
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -19.561 ± 9.279 $\chi^2/\text{NDF}: 42.6/39$

Out: -17.829 ± 8.959 $\chi^2/\text{NDF}: 81.4/43$

All: -18.664 ± 6.445 $\chi^2/\text{NDF}: 124.0/83$

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: 42.924 $\pm$ 0.007 χ^2 /NDF: 336046.4/24

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.582 $\pm$ 0.007 χ^2 /NDF: 403339.6/22

Left: 43.240 $\pm$ 0.005 χ^2 /NDF: 743477.3/47

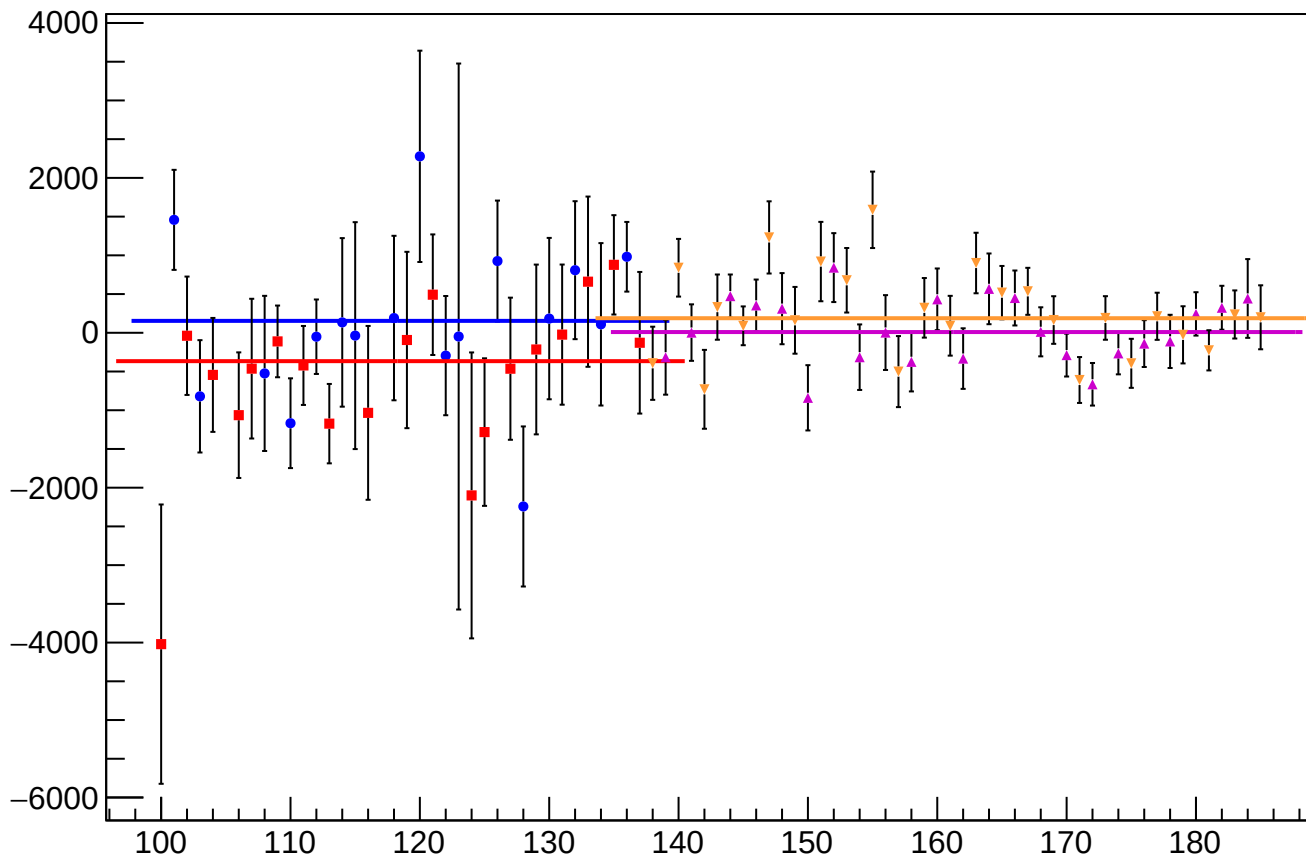
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.976 $\pm$ 0.007 χ^2 /NDF: 1143914.3/39

Out: 44.494 $\pm$ 0.006 χ^2 /NDF: 1141131.6/43

All: 44.727 $\pm$ 0.005 χ^2 /NDF: 2287843.1/83

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: 188.188 $\pm$ 70.949 χ^2 /NDF:46.1/24

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 9.477 $\pm$ 72.601 χ^2 /NDF:30.0/22

Left: 100.890 $\pm$ 50.742 χ^2 /NDF: 79.3/47

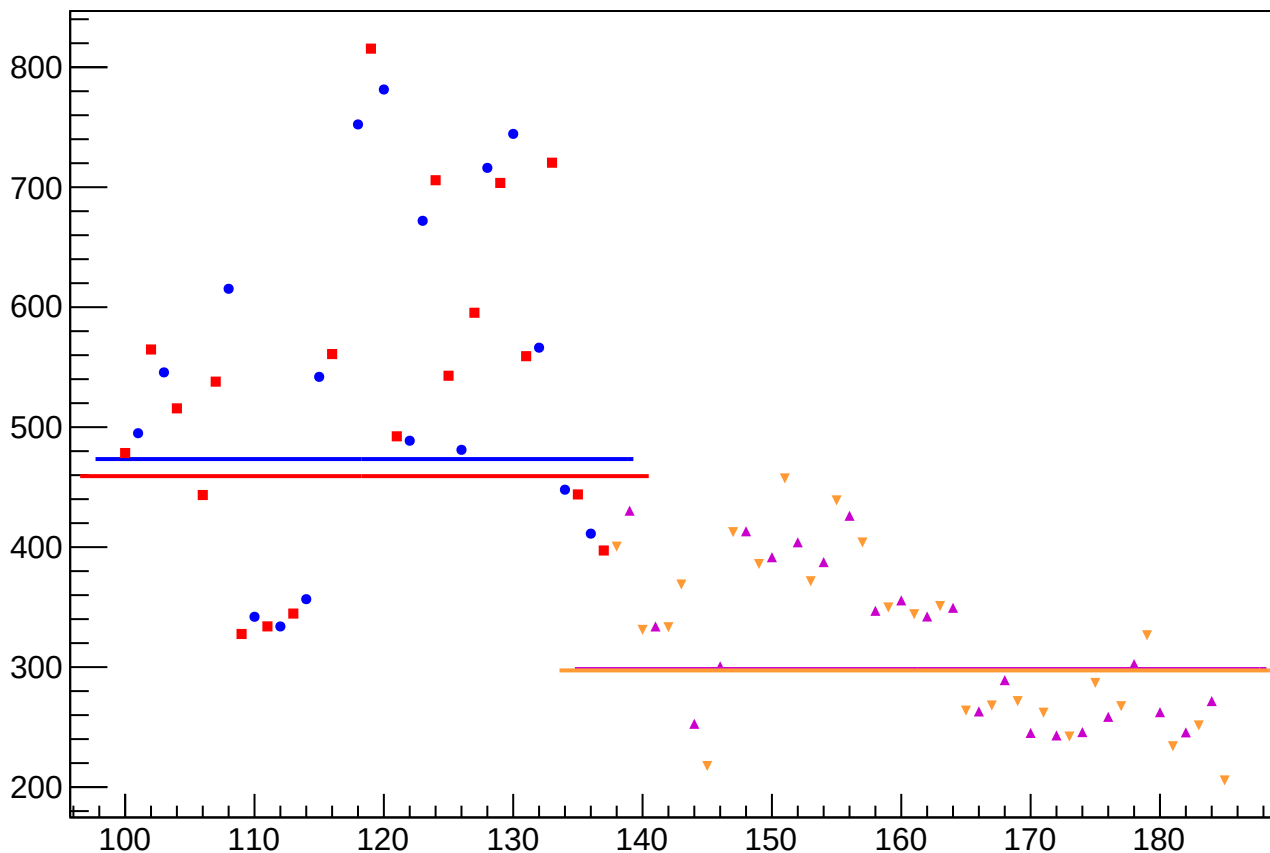
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 27.876 $\pm$ 67.817 χ^2 /NDF:55.3/39

Out: 112.840 $\pm$ 65.952 χ^2 /NDF:70.6/43

All: 71.543 $\pm$ 47.281 χ^2 /NDF: 126.8/83

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: 297.255 $\pm$ 0.050 χ^2 /NDF:1676087.8/24

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 298.418 $\pm$ 0.051 χ^2 /NDF:1304411.3/22

Left: 297.823 $\pm$ 0.036 χ^2 /NDF: 2980761.6/47

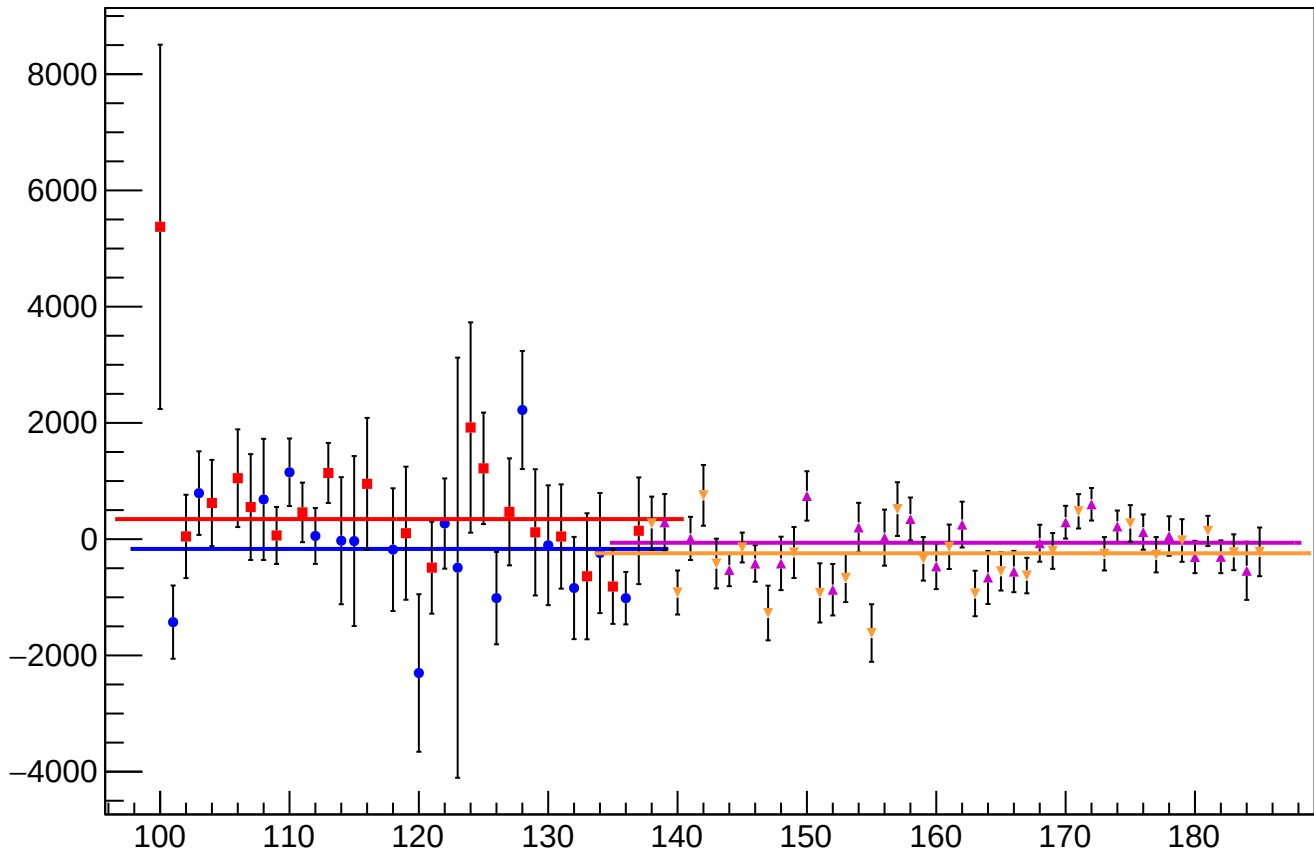
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 320.720 $\pm$ 0.048 χ^2 /NDF:3700150.1/39

Out: 319.260 $\pm$ 0.047 χ^2 /NDF:4098254.5/43

All: 319.970 $\pm$ 0.033 χ^2 /NDF: 7798881.5/83

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -242.555+/-71.073 χ^2/NDF : 43.3/24

Right Out: 345.481+/-181.255 χ^2/NDF : 13.7/18

Left In: -61.707+/-72.478 χ^2/NDF : 30.3/22

Left: -153.901+/-50.745 χ^2/NDF : 76.9/47

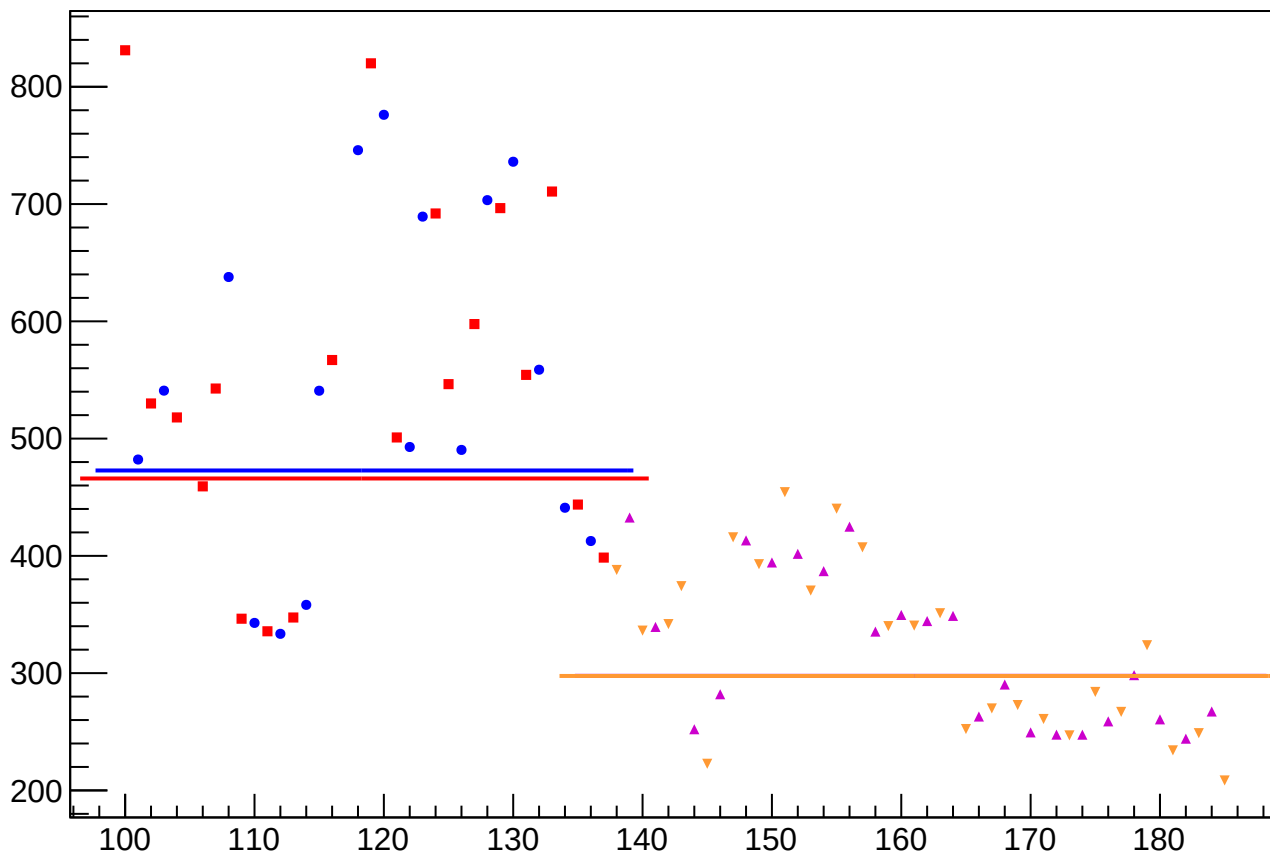
Right: 100.479+/-131.070 χ^2/NDF : 43.0/35

In: -75.245+/-67.707 χ^2/NDF : 56.0/39

Out: -164.191+/-66.168 χ^2/NDF : 66.2/43

All: -120.741+/-47.323 χ^2/NDF : 123.1/83

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: 297.594 $\pm$ 0.050 χ^2 /NDF:1638845.3/24

Right Out: 465.987 $\pm$ 0.128 χ^2 /NDF: 942033.1/18

Left In: 297.696 $\pm$ 0.051 χ^2 /NDF:1274607.7/22

Left: 297.644 $\pm$ 0.036 χ^2 /NDF: 2913455.1/47

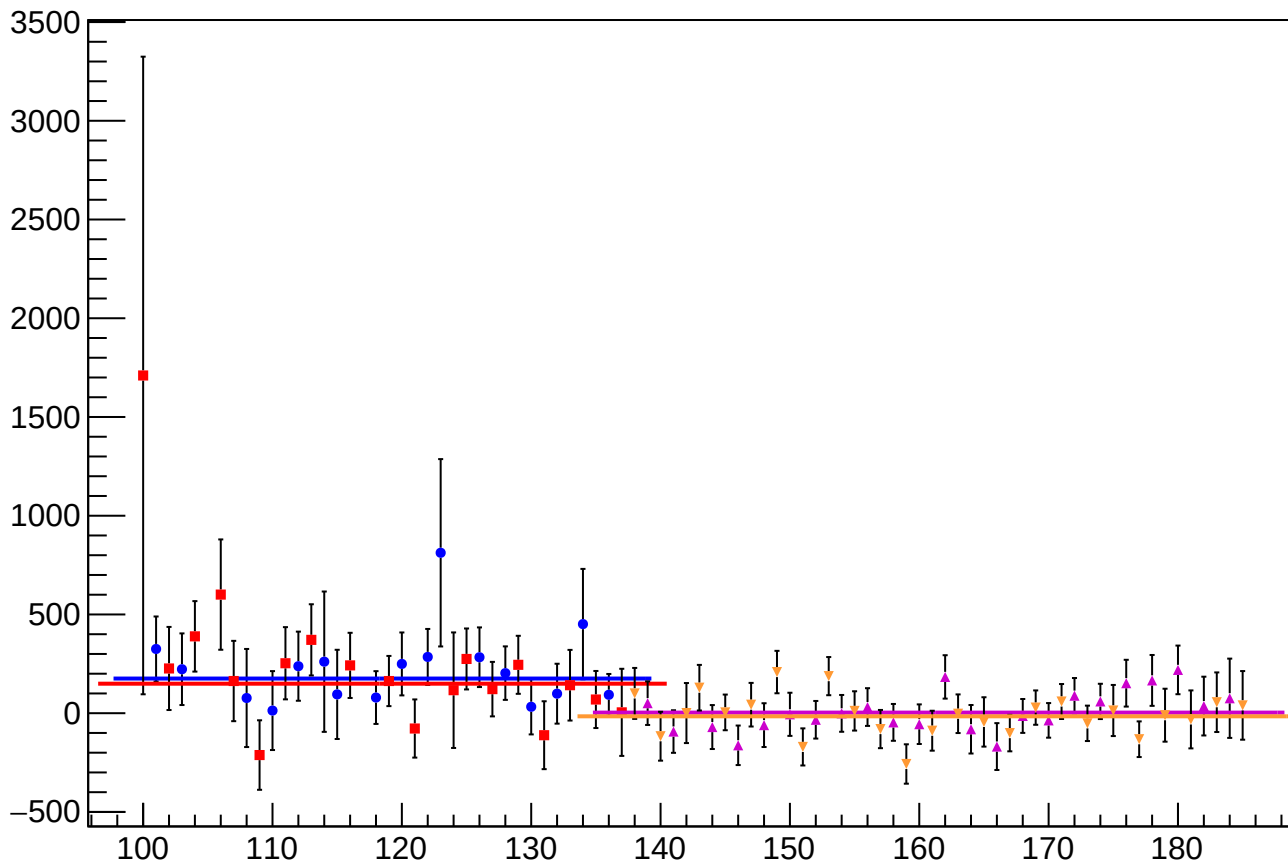
Right: 469.247 $\pm$ 0.093 χ^2 /NDF: 1839762.8/35

In: 319.991 $\pm$ 0.048 χ^2 /NDF:3657523.8/39

Out: 320.034 $\pm$ 0.047 χ^2 /NDF:4077055.2/43

All: 320.013 $\pm$ 0.033 χ^2 /NDF: 7734579.5/83

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: -15.777 ± 21.354 $\chi^2/\text{NDF}: 25.9/24$

Right Out: 149.419 ± 40.319 $\chi^2/\text{NDF}: 18.4/18$

Left In: 3.016 ± 21.993 $\chi^2/\text{NDF}: 18.6/22$

Left: -6.658 ± 15.321 $\chi^2/\text{NDF}: 44.9/47$

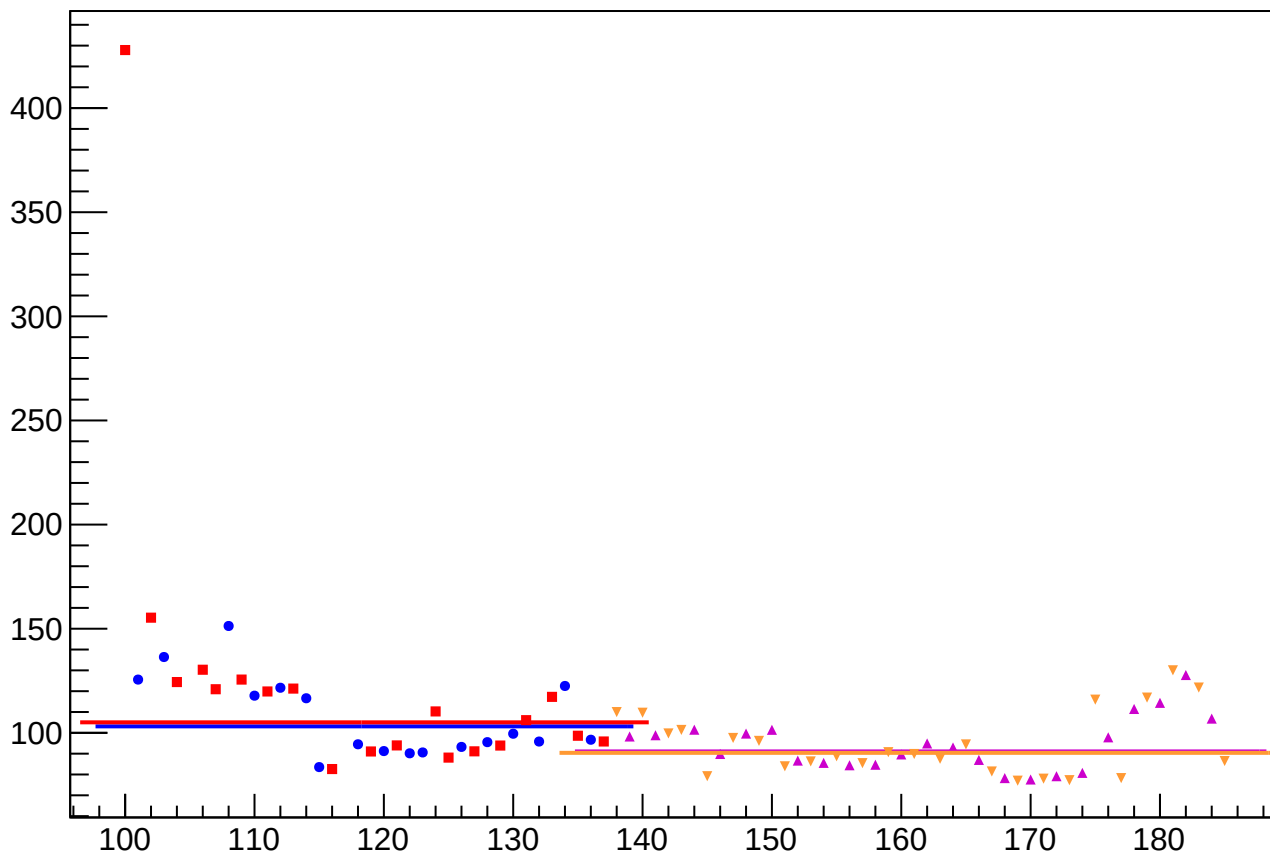
Right: 162.431 ± 28.524 $\chi^2/\text{NDF}: 27.2/35$

In: 42.502 ± 19.312 $\chi^2/\text{NDF}: 41.3/39$

Out: 20.410 ± 18.871 $\chi^2/\text{NDF}: 57.4/43$

All: 31.201 ± 13.497 $\chi^2/\text{NDF}: 99.4/83$

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 90.398 $\pm$ 0.015 χ^2 /NDF: 761621.0/24

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 91.077 $\pm$ 0.016 χ^2 /NDF: 518918.8/22

Left: 90.727 $\pm$ 0.011 χ^2 /NDF: 1281522.7/47

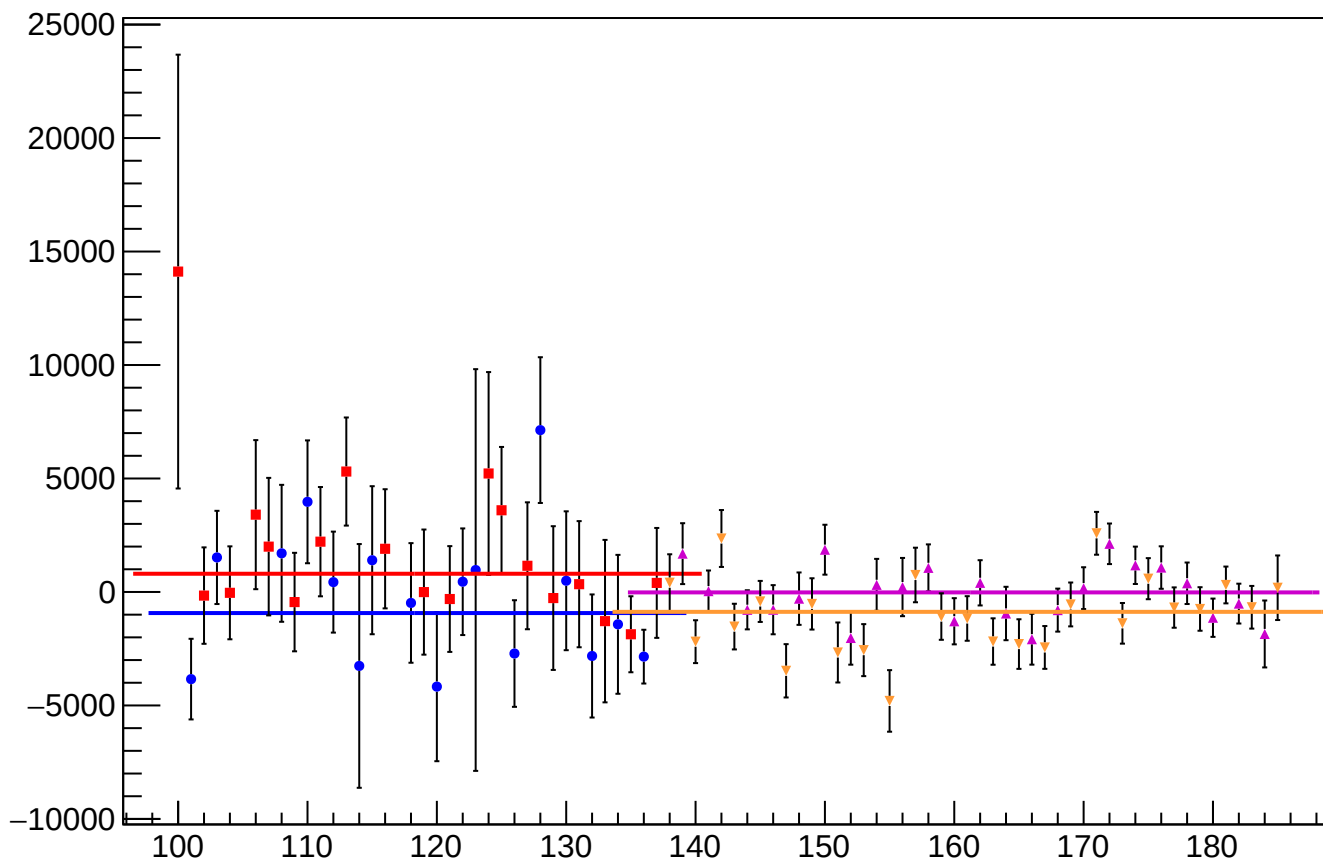
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.833 $\pm$ 0.014 χ^2 /NDF: 962483.8/39

Out: 93.606 $\pm$ 0.013 χ^2 /NDF: 1416464.2/43

All: 93.717 $\pm$ 0.010 χ^2 /NDF: 2379088.8/83

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -875.442+/-205.193 χ^2/NDF : 55.0/24

Right Out: 802.855+/-593.810 χ^2/NDF : 12.9/18

Left In: -19.191+/-210.437 χ^2/NDF : 29.5/22

Left: -458.118+/-146.913 χ^2/NDF : 93.0/47

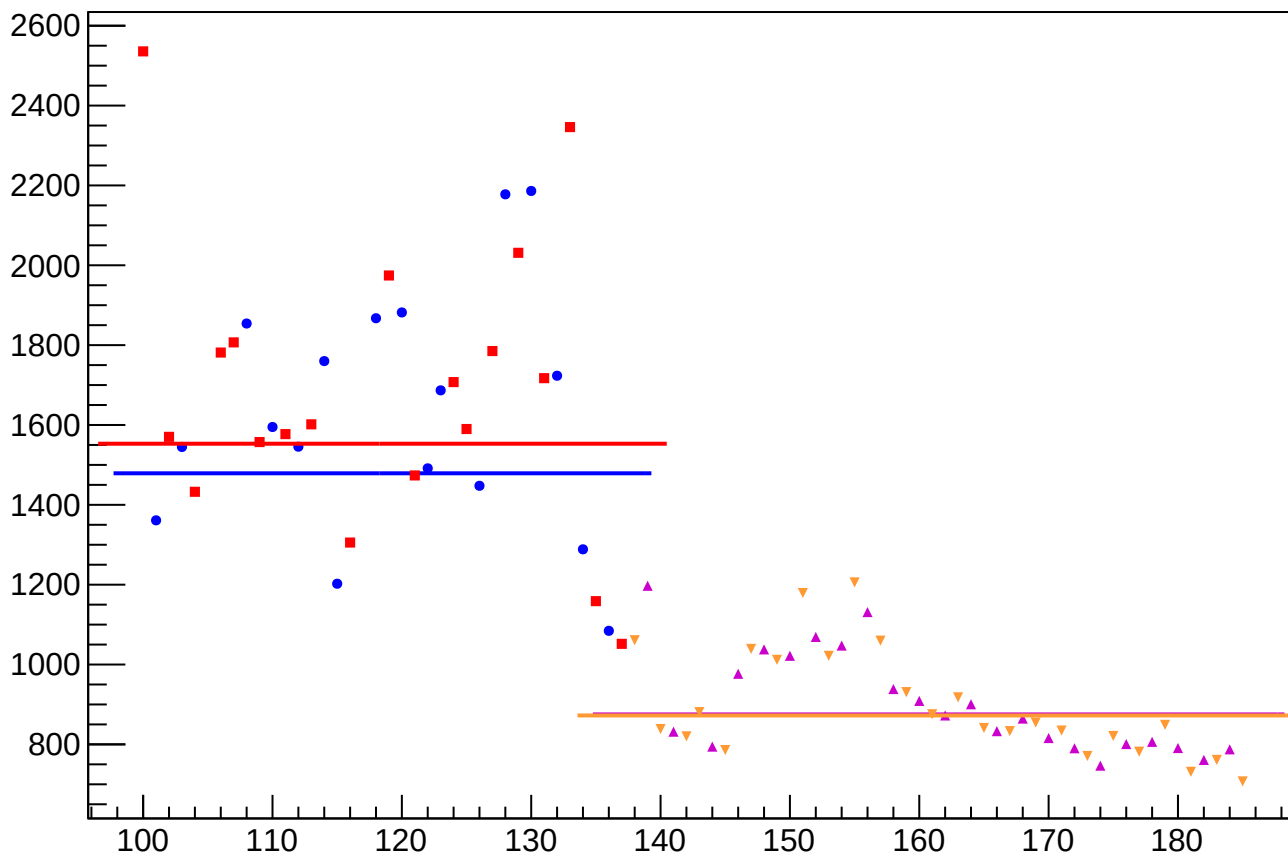
Right: -73.074+/-417.447 χ^2/NDF : 38.0/35

In: -122.806+/-198.091 χ^2/NDF : 52.5/39

Out: -696.418+/-193.941 χ^2/NDF : 75.0/43

All: -415.684+/-138.581 χ^2/NDF : 131.8/83

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: 872.453 $\pm$ 0.145 χ^2 /NDF: 640645.5/24

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 875.074 $\pm$ 0.149 χ^2 /NDF: 583342.7/22

Left: 873.730 $\pm$ 0.104 χ^2 /NDF: 1224147.3/47

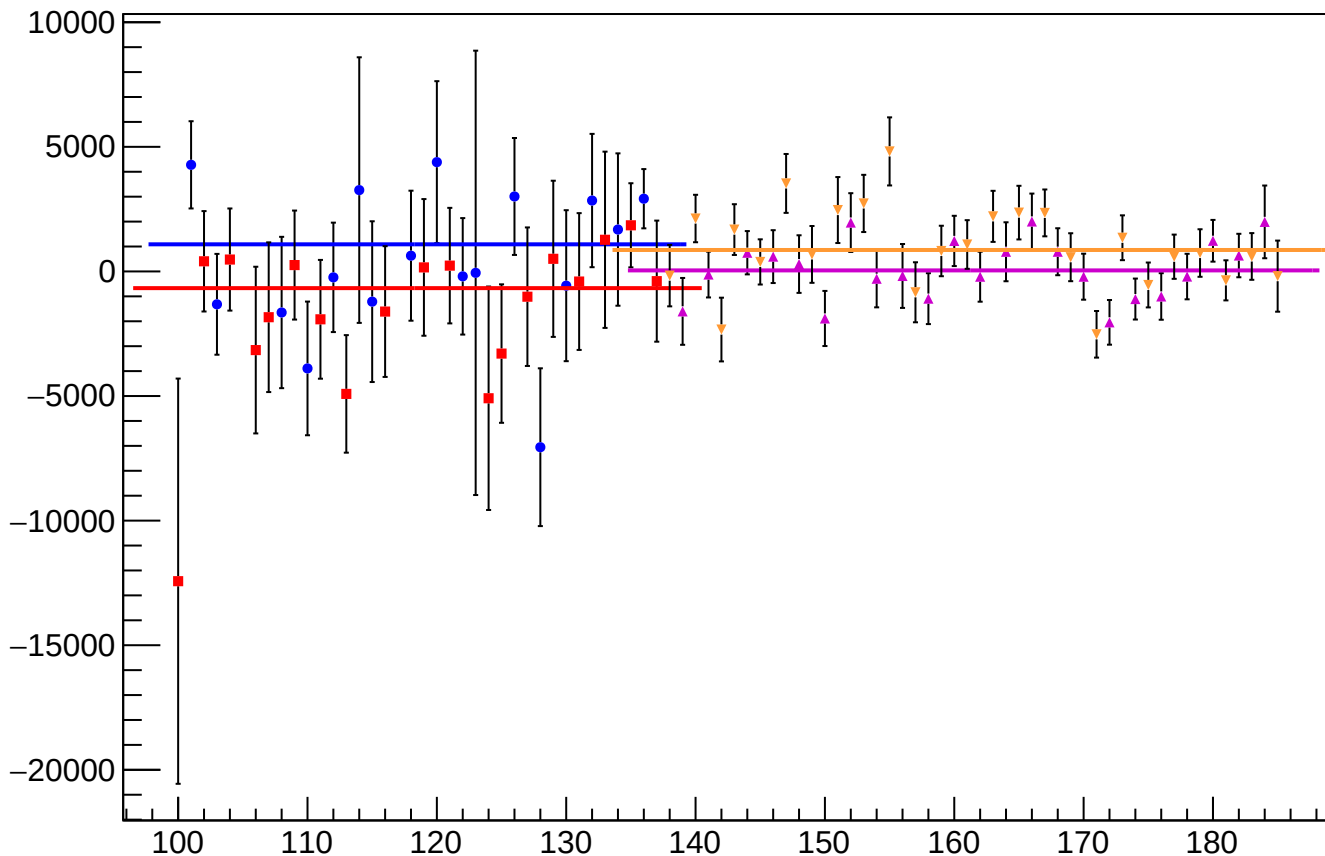
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 943.857 $\pm$ 0.140 χ^2 /NDF: 3048999.9/39

Out: 945.055 $\pm$ 0.137 χ^2 /NDF: 3471670.0/43

All: 944.468 $\pm$ 0.098 χ^2 /NDF: 6520707.3/83

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 861.001 $\pm$ 204.972 χ^2 /NDF: 54.4/24

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 41.523 $\pm$ 210.209 χ^2 /NDF: 28.1/22

Left: 461.596 $\pm$ 146.753 χ^2 /NDF: 90.3/47

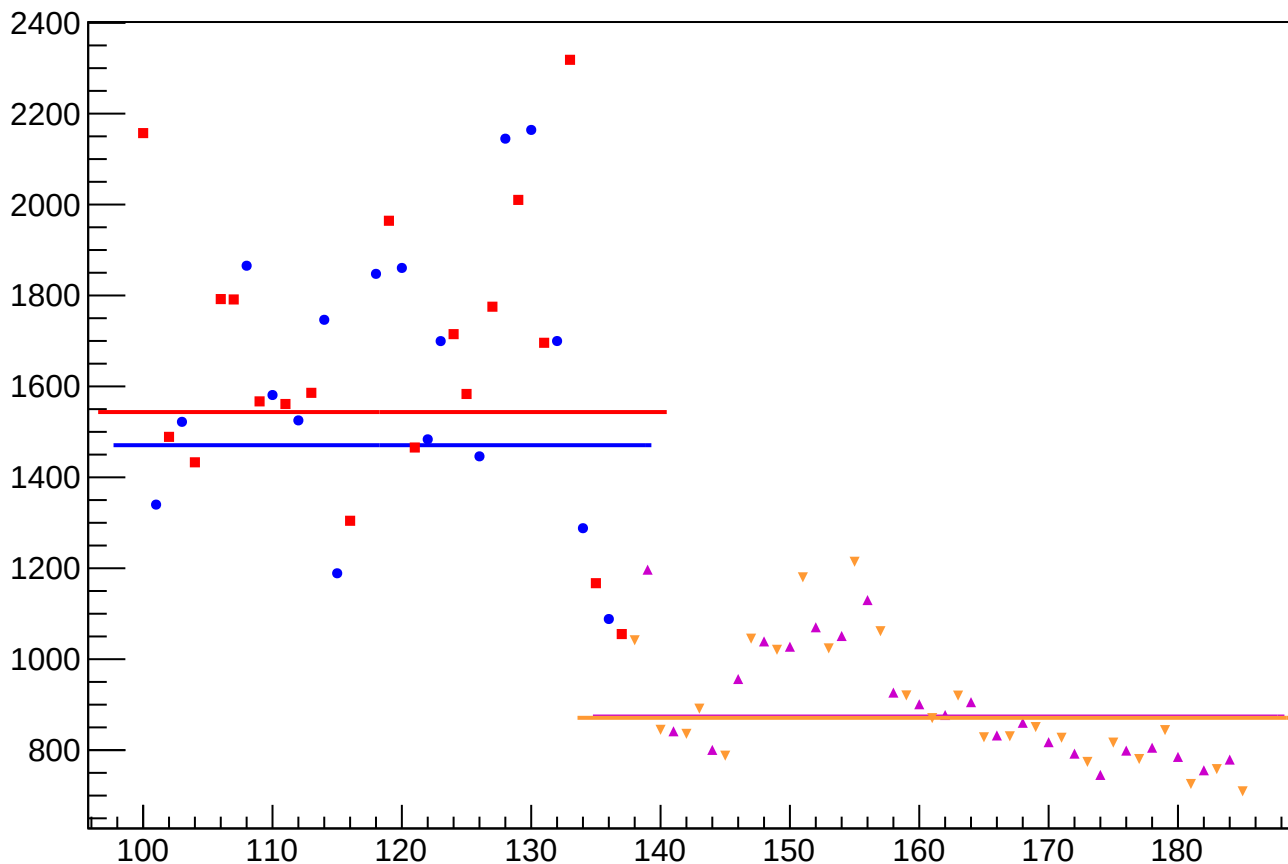
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 161.798 $\pm$ 197.760 χ^2 /NDF: 52.8/39

Out: 696.095 $\pm$ 193.620 χ^2 /NDF: 72.4/43

All: 434.597 $\pm$ 138.350 χ^2 /NDF: 129.0/83

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: 871.073 $\pm$ 0.145 χ^2 /NDF: 652203.3/24

Right Out: 1543.589 $\pm$ 0.417 χ^2 /NDF: 454253.5/18

Left In: 873.902 $\pm$ 0.149 χ^2 /NDF: 583344.5/22

Left: 872.452 $\pm$ 0.104 χ^2 /NDF: 1235733.6/47

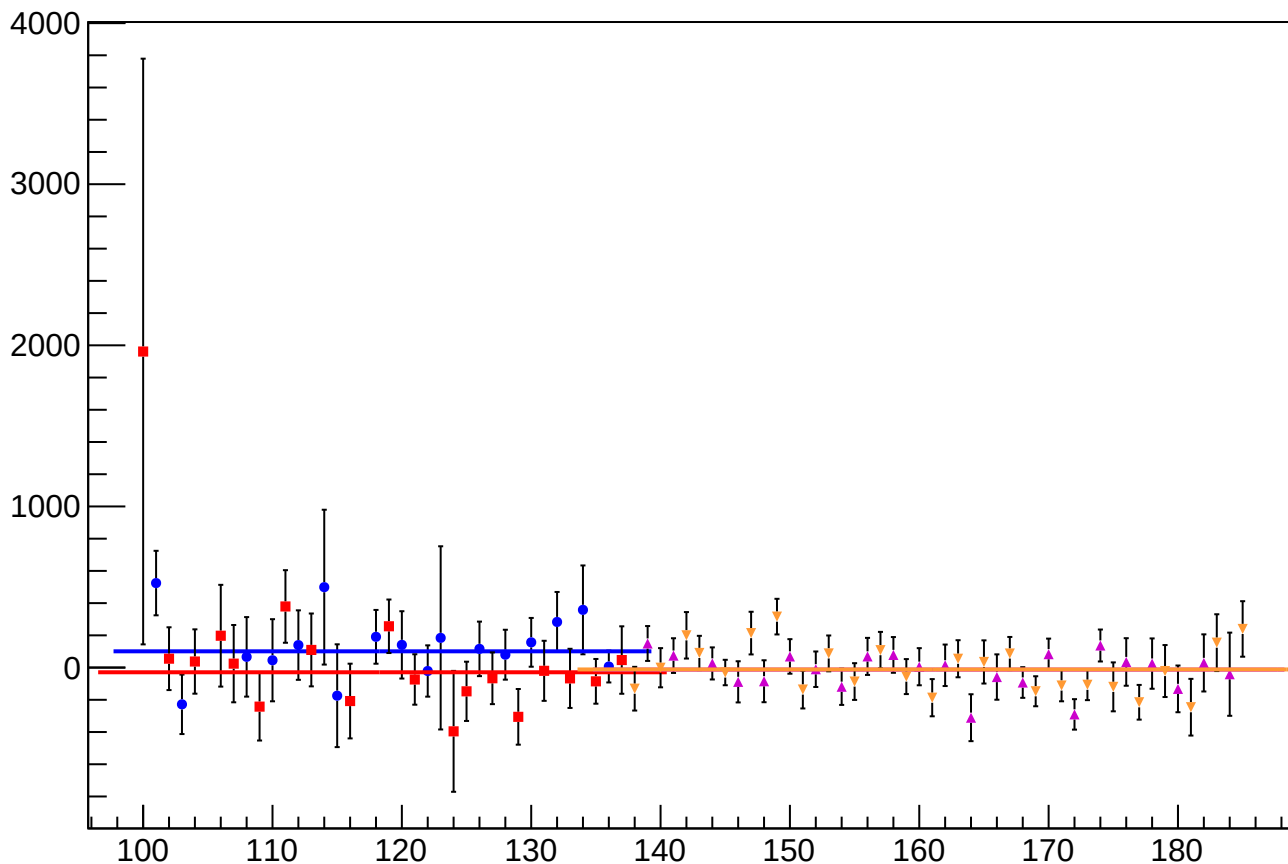
Right: 1506.721 $\pm$ 0.293 χ^2 /NDF: 1037425.2/35

In: 942.493 $\pm$ 0.140 χ^2 /NDF: 3003797.9/39

Out: 943.502 $\pm$ 0.137 χ^2 /NDF: 3425218.2/43

All: 943.008 $\pm$ 0.098 χ^2 /NDF: 6429042.7/83

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: -11.665 $\pm$ 23.265 χ^2 /NDF:36.0/24

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -12.678 $\pm$ 24.667 χ^2 /NDF:24.3/22

Left: -12.142 $\pm$ 16.925 χ^2 /NDF: 60.2/47

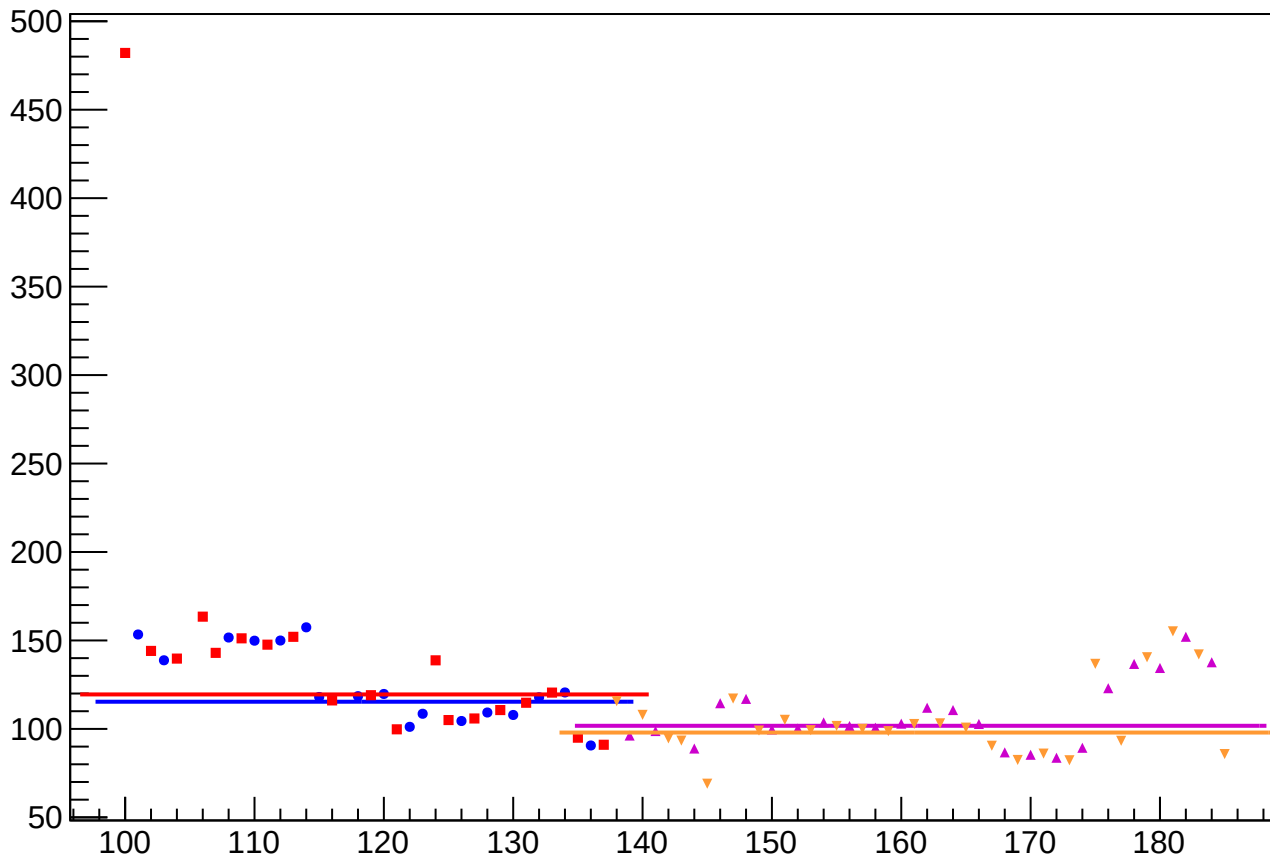
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 13.316 $\pm$ 21.662 χ^2 /NDF:42.1/39

Out: -15.265 $\pm$ 20.733 χ^2 /NDF:50.8/43

All: -1.601 $\pm$ 14.978 χ^2 /NDF: 93.8/83

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.946 $\pm$ 0.016 χ^2 /NDF:1152470.5/24

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.764 $\pm$ 0.017 χ^2 /NDF:764471.2/22

Left: 99.743 $\pm$ 0.012 χ^2 /NDF: 1942297.2/47

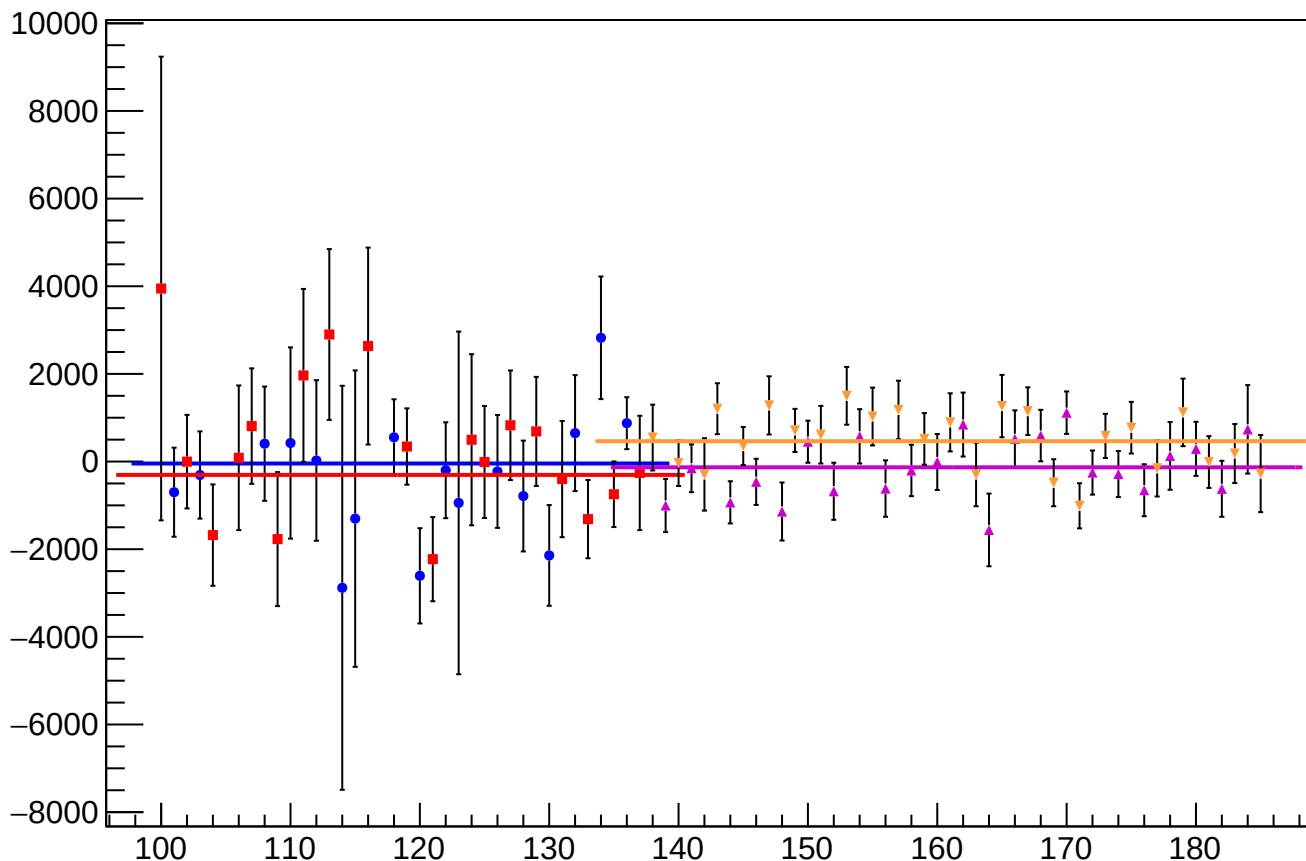
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 104.877 $\pm$ 0.015 χ^2 /NDF:1315000.8/39

Out: 102.382 $\pm$ 0.015 χ^2 /NDF:1983548.1/43

All: 103.574 $\pm$ 0.011 χ^2 /NDF: 3312396.1/83

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: 464.970 $\pm$ 121.559 χ^2 /NDF:28.8/24

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -131.610 $\pm$ 124.664 χ^2 /NDF:28.4/22

Left: 174.203 $\pm$ 87.032 χ^2 /NDF: 68.9/47

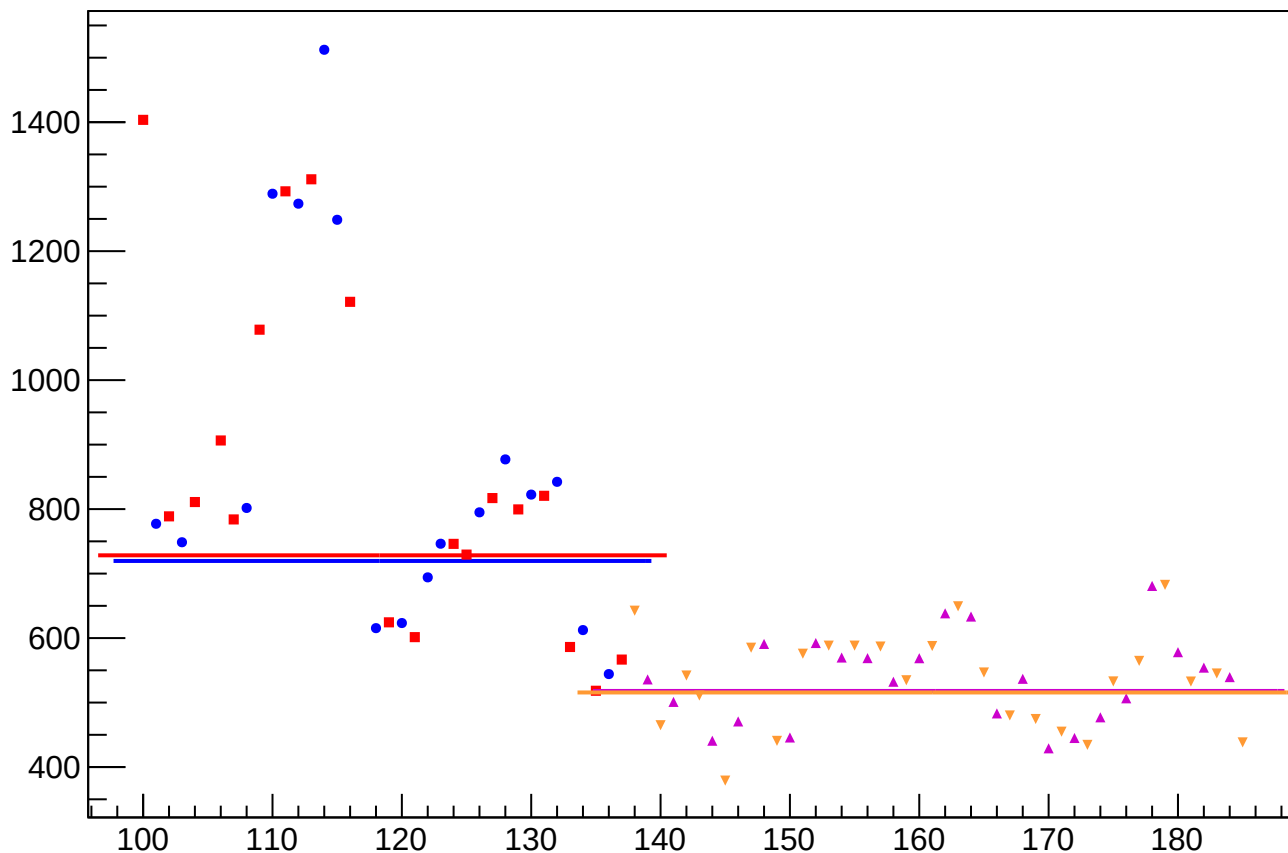
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -117.733 $\pm$ 114.298 χ^2 /NDF:46.3/39

Out: 344.860 $\pm$ 111.673 χ^2 /NDF:52.5/43

All: 118.935 $\pm$ 79.877 χ^2 /NDF: 107.2/83

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 ± 0.202 χ^2/NDF : 746949.1/16

Left Out: 515.669 ± 0.086 χ^2/NDF : 759144.9/24

Right Out: 728.331 ± 0.200 χ^2/NDF : 913667.8/18

Left In: 518.007 ± 0.088 χ^2/NDF : 545568.0/22

Left: 516.809 ± 0.062 χ^2/NDF : 1305073.7/47

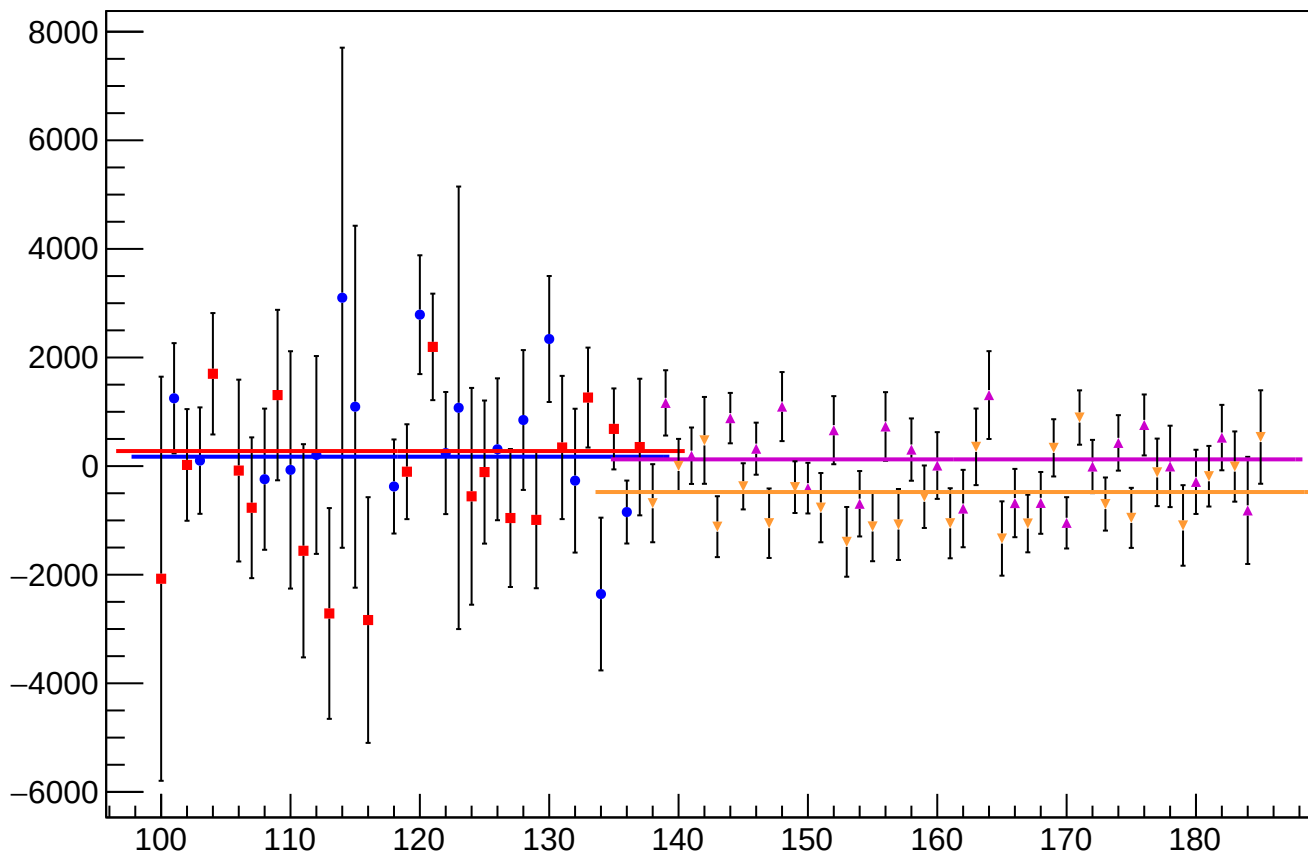
Right: 724.023 ± 0.142 χ^2/NDF : 1661557.4/35

In: 550.141 ± 0.081 χ^2/NDF : 2126200.4/39

Out: 548.851 ± 0.079 χ^2/NDF : 2627930.8/43

All: 549.481 ± 0.056 χ^2/NDF : 4754261.6/83

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: -477.289 $\pm$ 117.616 χ^2 /NDF: 27.7/24

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 124.022 $\pm$ 120.216 χ^2 /NDF: 30.2/22

Left: -183.206 $\pm$ 84.071 χ^2 /NDF: 70.7/47

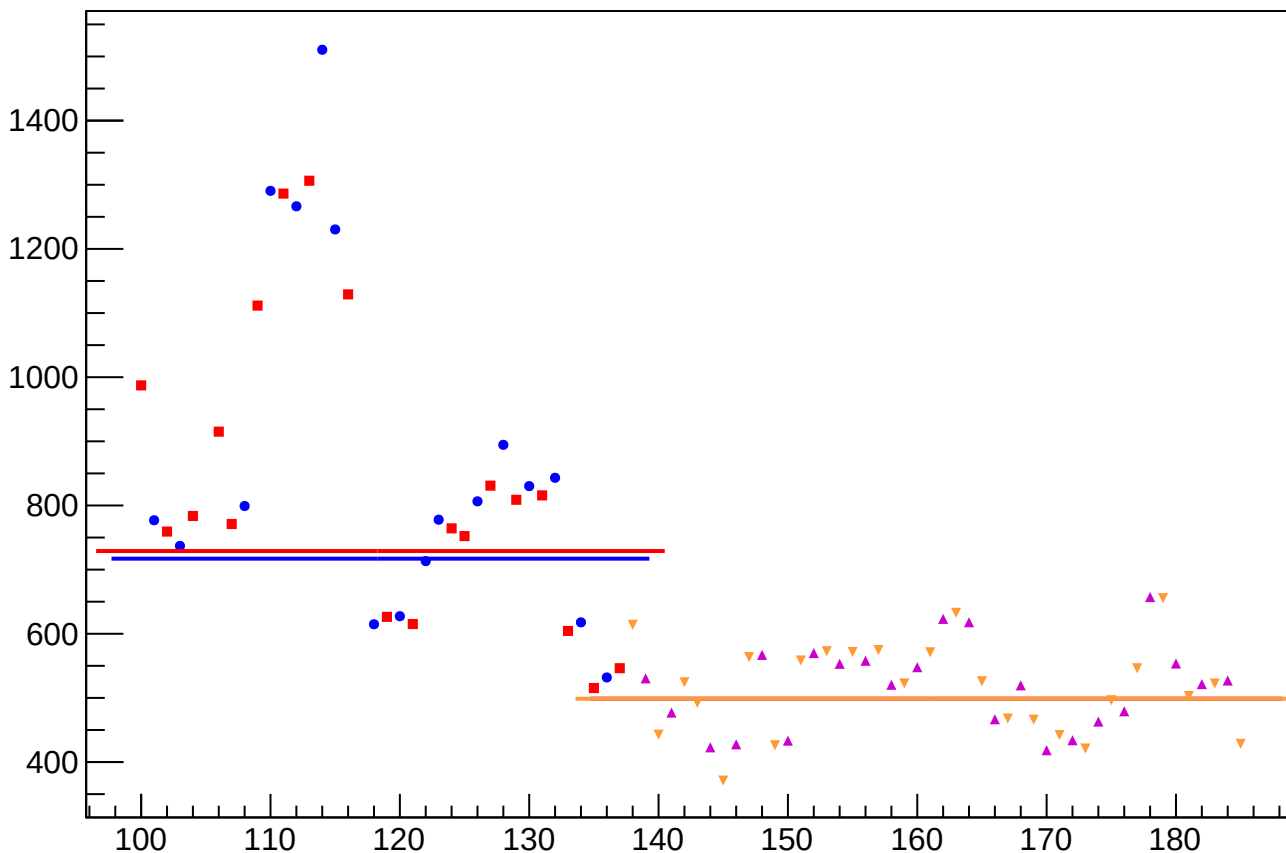
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 131.418 $\pm$ 110.804 χ^2 /NDF: 48.3/39

Out: -365.987 $\pm$ 108.594 χ^2 /NDF: 49.8/43

All: -122.295 $\pm$ 77.557 χ^2 /NDF: 108.4/83

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 498.729 $\pm$ 0.083 χ^2 /NDF: 734917.8/24

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 498.835 $\pm$ 0.085 χ^2 /NDF: 572334.3/22

Left: 498.781 $\pm$ 0.059 χ^2 /NDF: 1307253.0/47

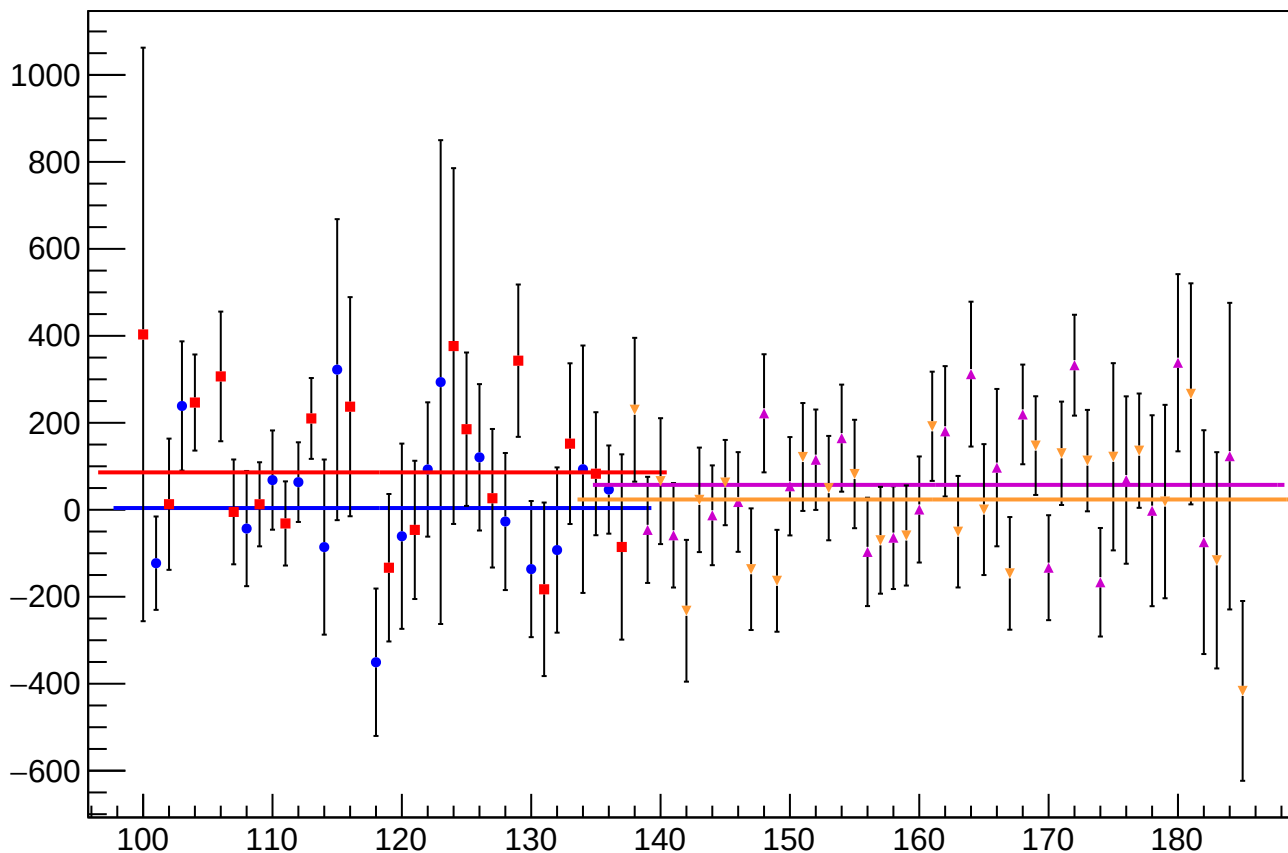
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 531.669 $\pm$ 0.078 χ^2 /NDF: 2346494.6/39

Out: 532.699 $\pm$ 0.077 χ^2 /NDF: 2756520.3/43

All: 532.195 $\pm$ 0.055 χ^2 /NDF: 5103103.0/83

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011 ± 35.950 $\chi^2/\text{NDF}: 12.7/16$

Left Out: 23.702 ± 27.073 $\chi^2/\text{NDF}: 23.3/24$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 57.275 ± 28.232 $\chi^2/\text{NDF}: 26.1/22$

Left: 39.786 ± 19.541 $\chi^2/\text{NDF}: 50.1/47$

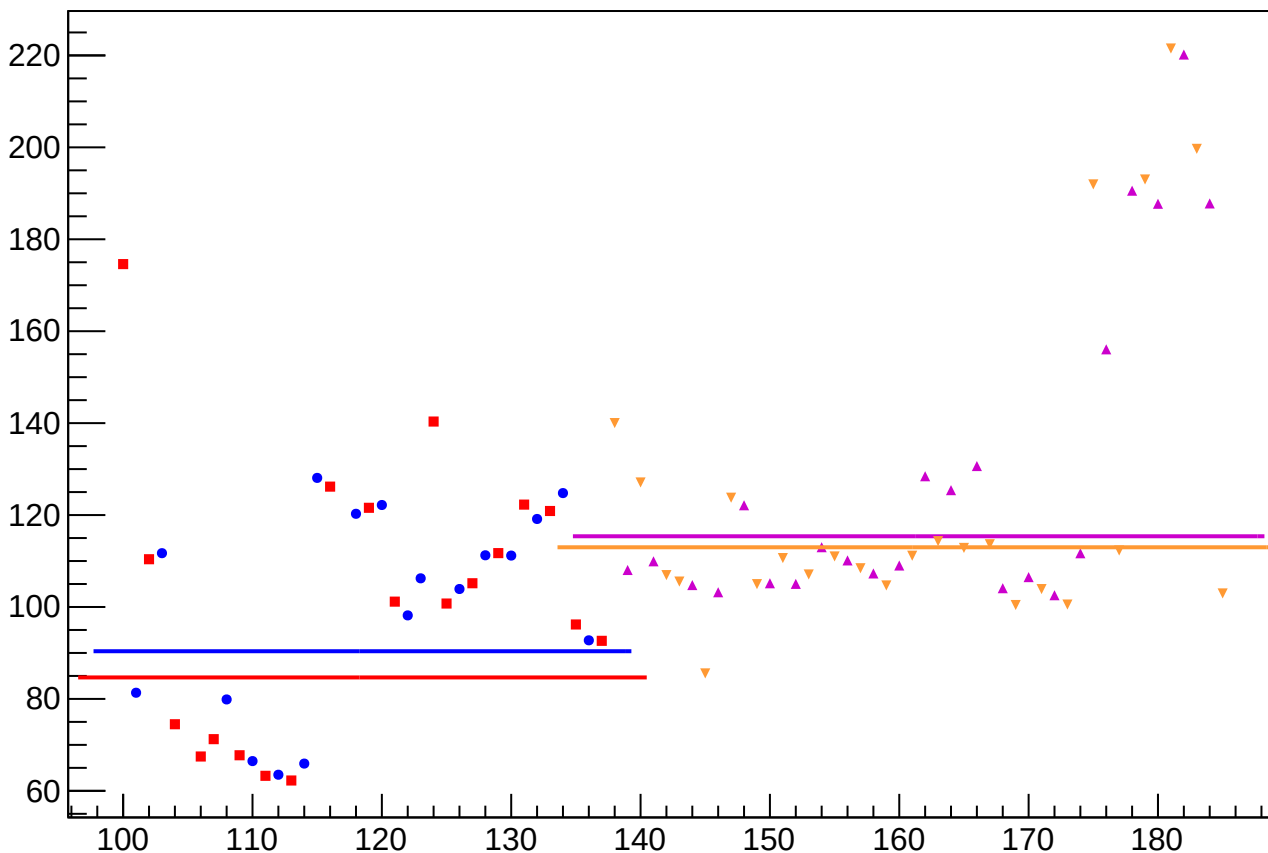
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 36.957 ± 22.204 $\chi^2/\text{NDF}: 40.2/39$

Out: 48.439 ± 21.024 $\chi^2/\text{NDF}: 43.0/43$

All: 43.011 ± 15.266 $\chi^2/\text{NDF}: 83.3/83$

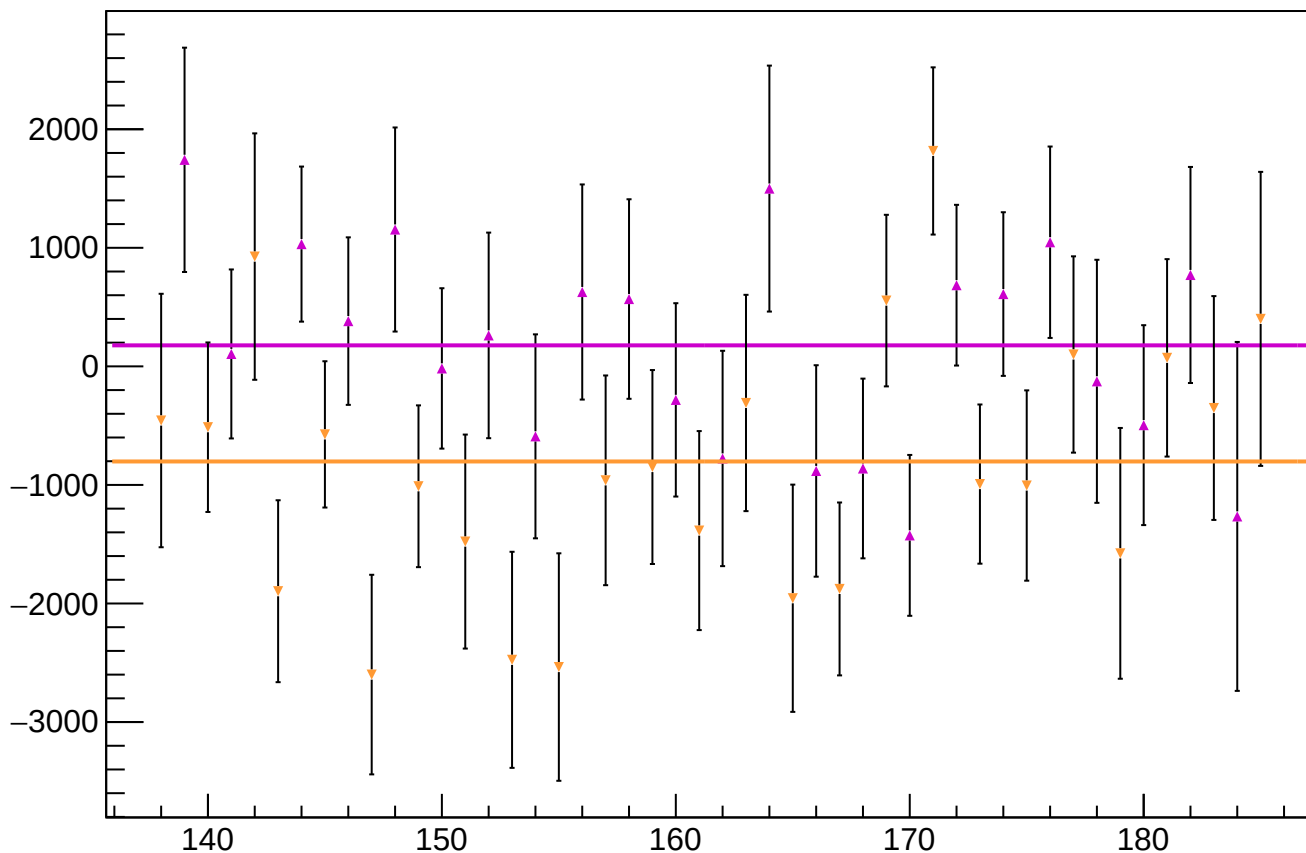
dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16
 Left Out: 112.990+/-0.019 χ^2/NDF : 1480080.6/24
 Right Out: 84.673+/-0.024 χ^2/NDF : 908123.4/18
 Left In: 115.386+/-0.020 χ^2/NDF : 1192884.8/22

Left: 114.138+/-0.014 χ^2/NDF : 2680467.8/47
 Right: 87.312+/-0.017 χ^2/NDF : 1589292.9/35
 In: 105.845+/-0.016 χ^2/NDF : 2445762.2/39
 Out: 101.750+/-0.015 χ^2/NDF : 3256704.3/43
 All: 103.686+/-0.011 χ^2/NDF : 5738342.3/83

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -802.151+/-164.875 χ^2/NDF : 42.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 177.186+/-169.212 χ^2/NDF : 23.3/22

Left: -325.194+/-118.088 χ^2/NDF : 83.4/47

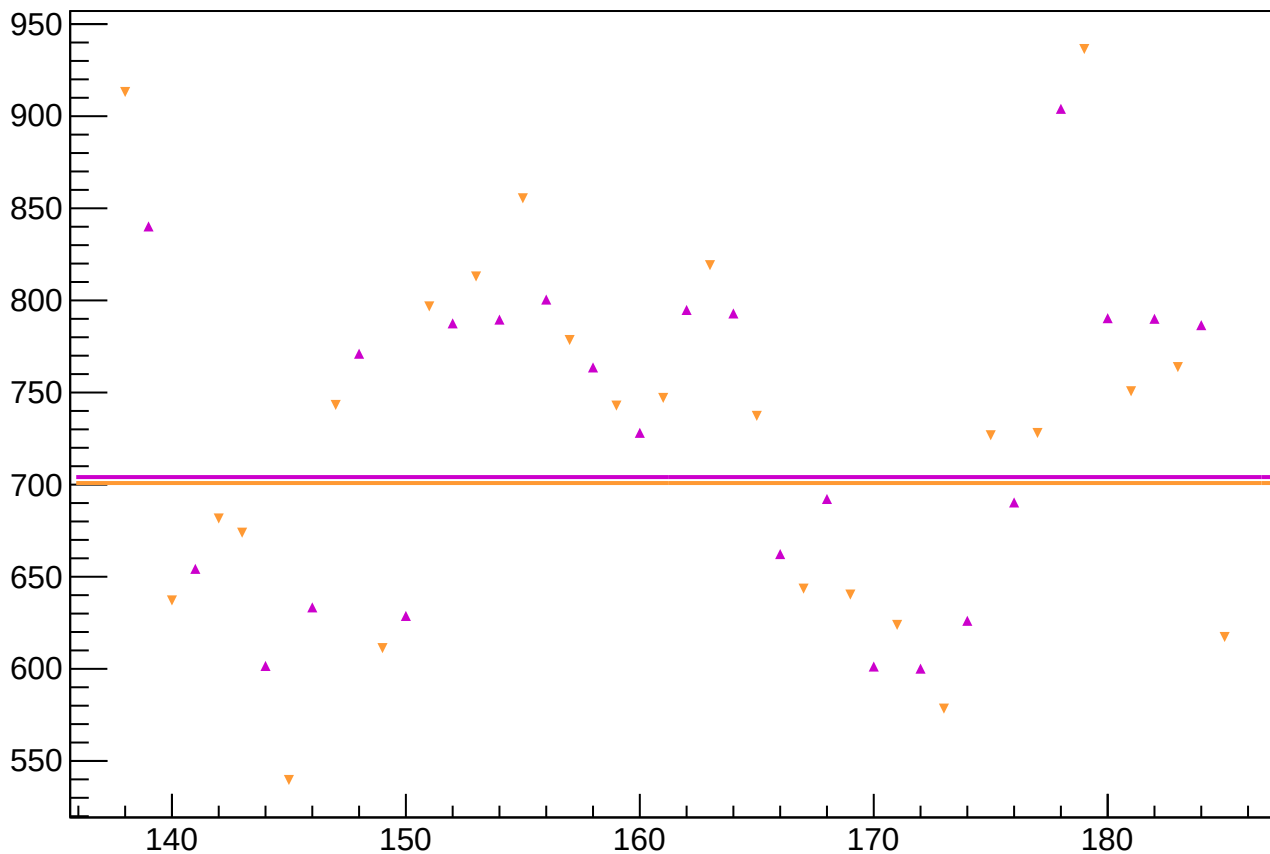
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 177.186+/-169.212 χ^2/NDF : 23.3/22

Out: -802.151+/-164.875 χ^2/NDF : 42.9/24

All: -325.194+/-118.088 χ^2/NDF : 83.4/47

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.865+/-0.117 χ^2/NDF : 687448.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Left: 702.441+/-0.084 χ^2/NDF : 1197447.6/47

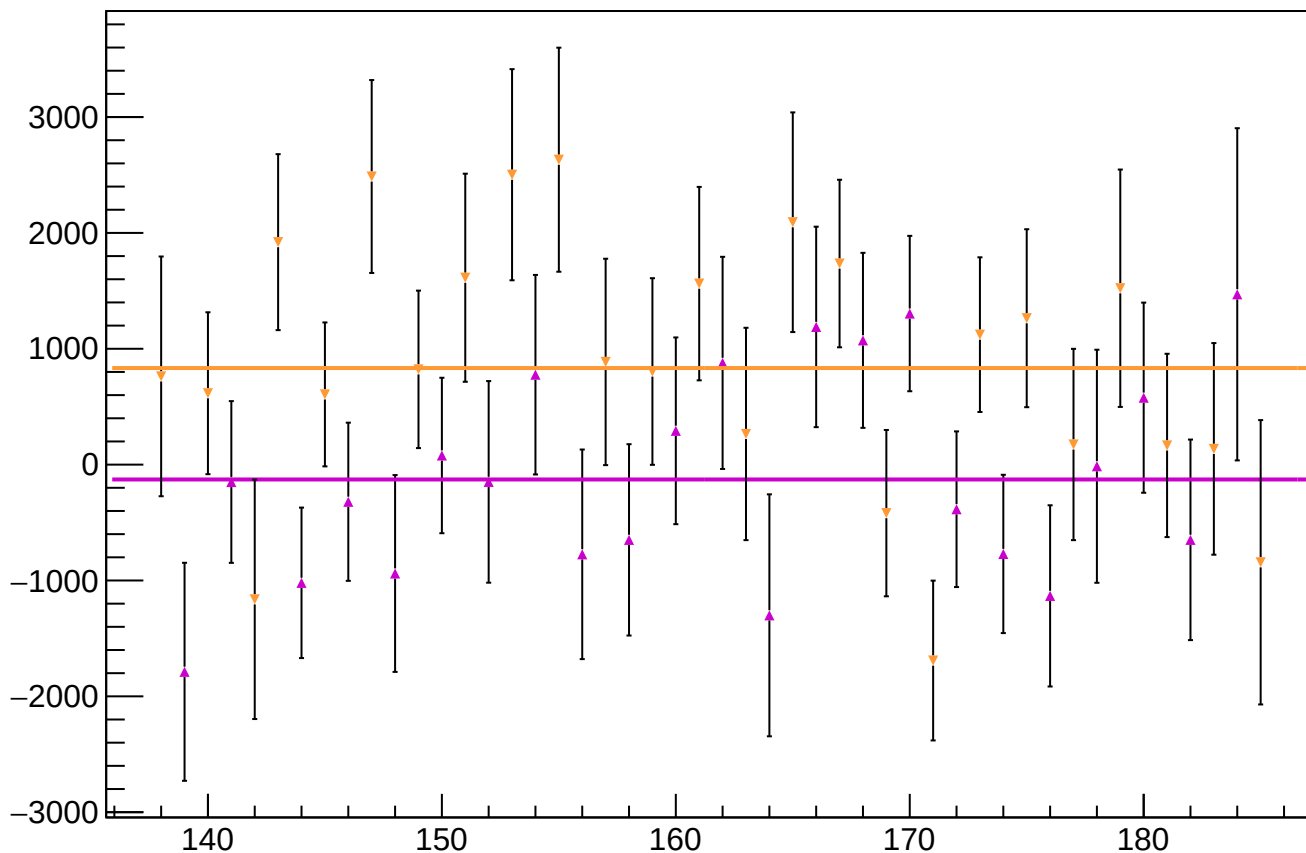
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 704.101+/-0.120 χ^2/NDF : 509623.5/22

Out: 700.865+/-0.117 χ^2/NDF : 687448.9/24

All: 702.441+/-0.084 χ^2/NDF : 1197447.6/47

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 833.554+/-162.902 χ^2/NDF :43.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -128.120+/-166.866 χ^2/NDF :25.3/22

Left: 364.274+/-116.565 χ^2/NDF : 85.5/47

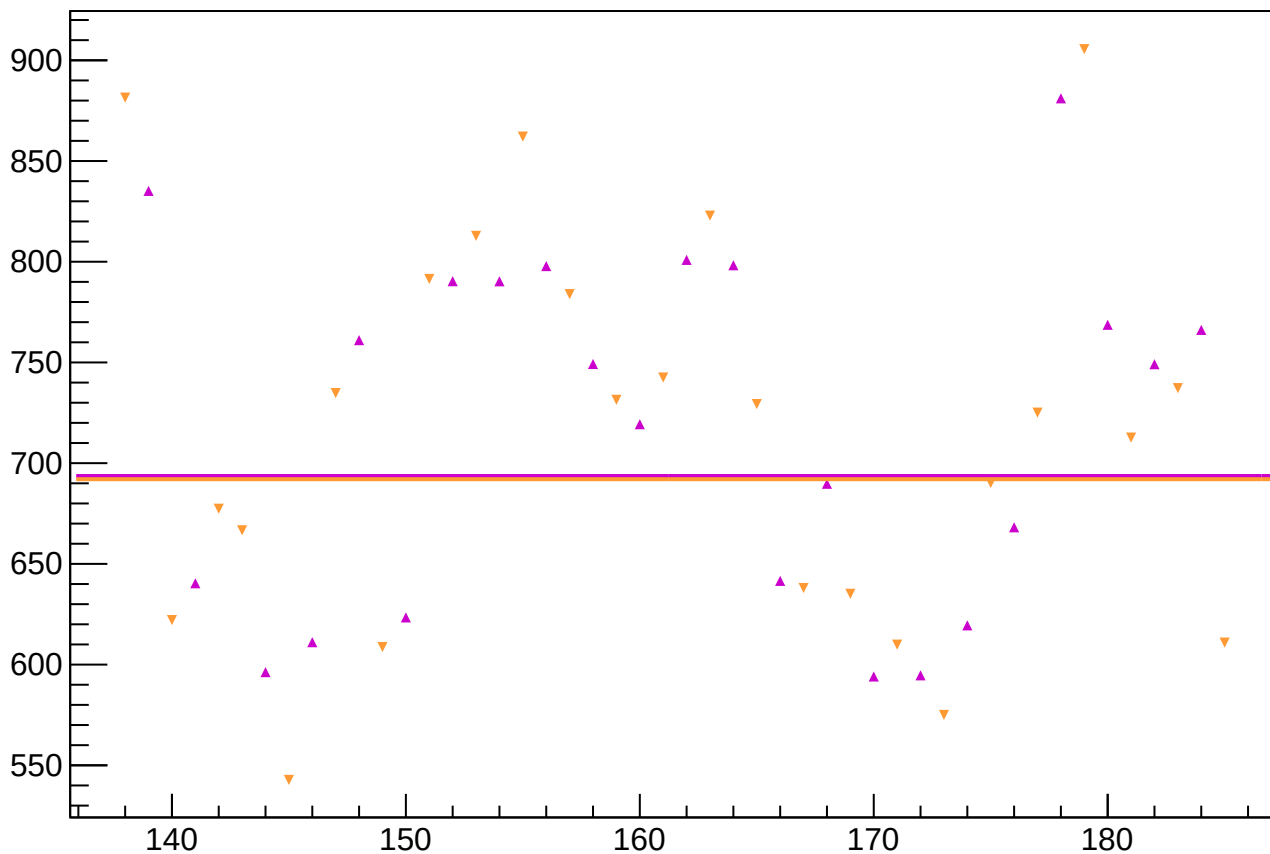
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -128.120+/-166.866 χ^2/NDF :25.3/22

Out: 833.554+/-162.902 χ^2/NDF :43.2/24

All: 364.274+/-116.565 χ^2/NDF : 85.5/47

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.048+/-0.115 χ^2/NDF : 658003.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Left: 692.813+/-0.082 χ^2/NDF : 1178786.1/47

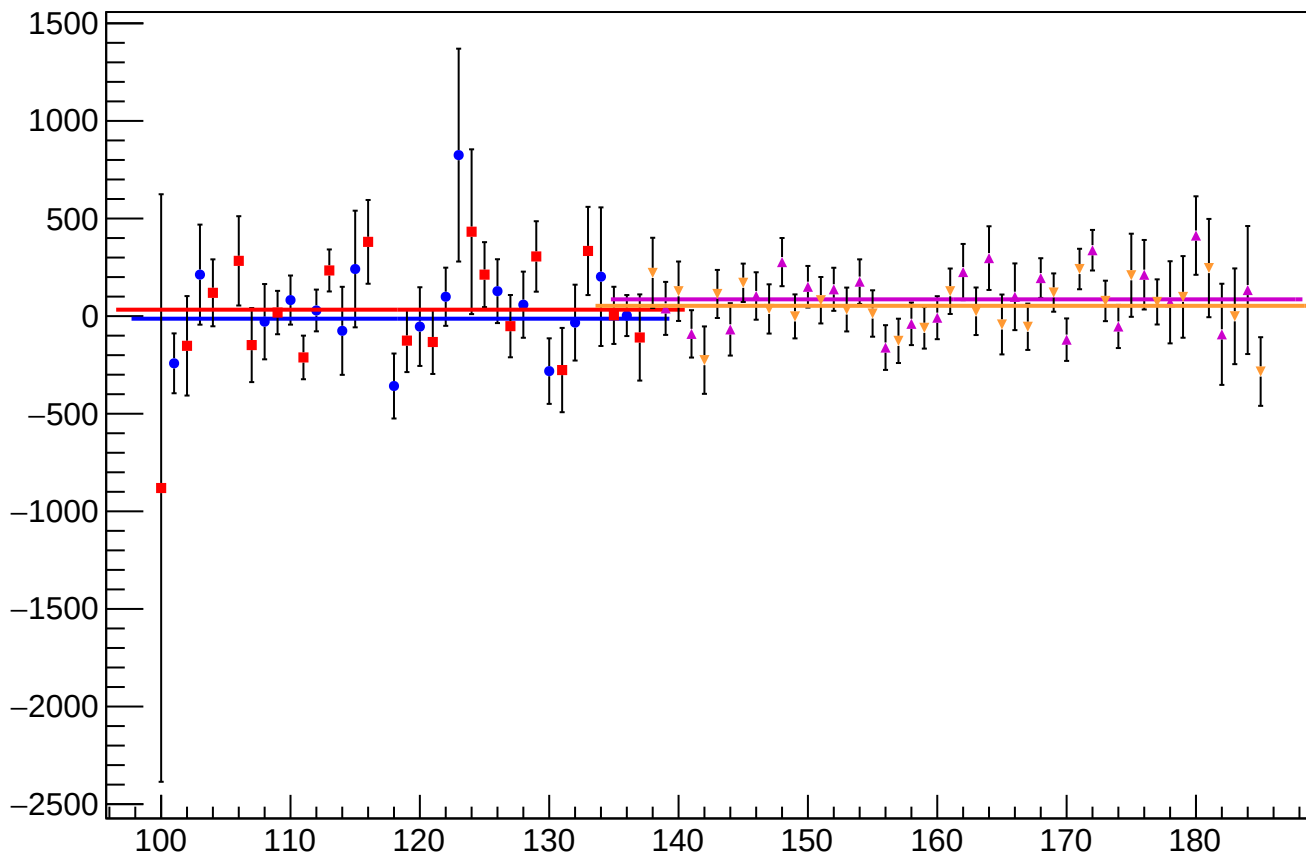
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 693.615+/-0.118 χ^2/NDF : 520692.6/22

Out: 692.048+/-0.115 χ^2/NDF : 658003.2/24

All: 692.813+/-0.082 χ^2/NDF : 1178786.1/47

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 χ^2/NDF : 15.7/16

Left Out: 52.808 ± 25.528 χ^2/NDF : 19.9/24

Right Out: 33.027 ± 38.878 χ^2/NDF : 25.1/18

Left In: 85.948 ± 26.925 χ^2/NDF : 32.4/22

Left: 68.497 ± 18.525 χ^2/NDF : 53.0/47

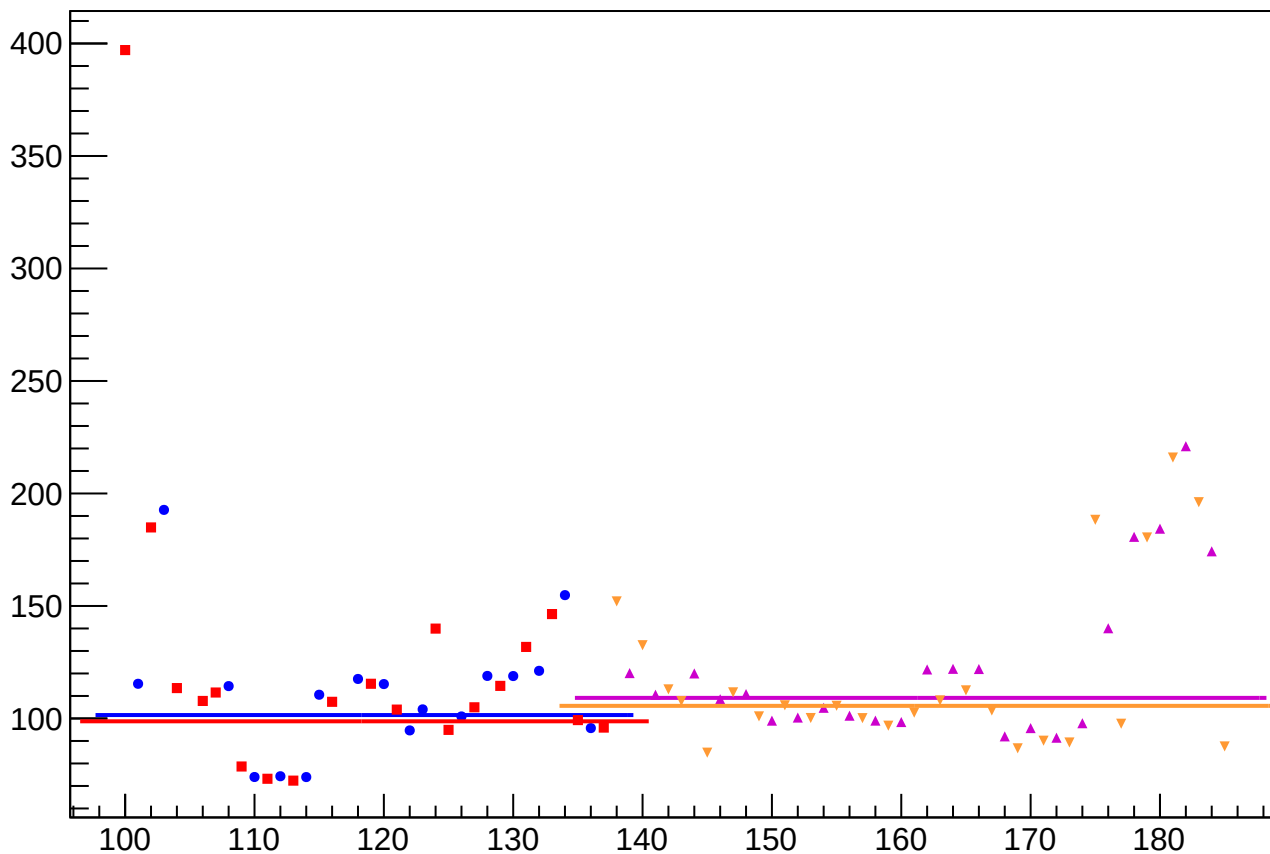
Right: 10.881 ± 28.065 χ^2/NDF : 41.4/35

In: 55.610 ± 22.431 χ^2/NDF : 52.2/39

Out: 46.849 ± 21.339 χ^2/NDF : 45.2/43

All: 51.011 ± 15.461 χ^2/NDF : 97.4/83

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.608 $\pm$ 0.018 χ^2 /NDF: 1740535.2/24

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 109.150 $\pm$ 0.019 χ^2 /NDF: 1334655.1/22

Left: 107.285 $\pm$ 0.013 χ^2 /NDF: 3093416.5/47

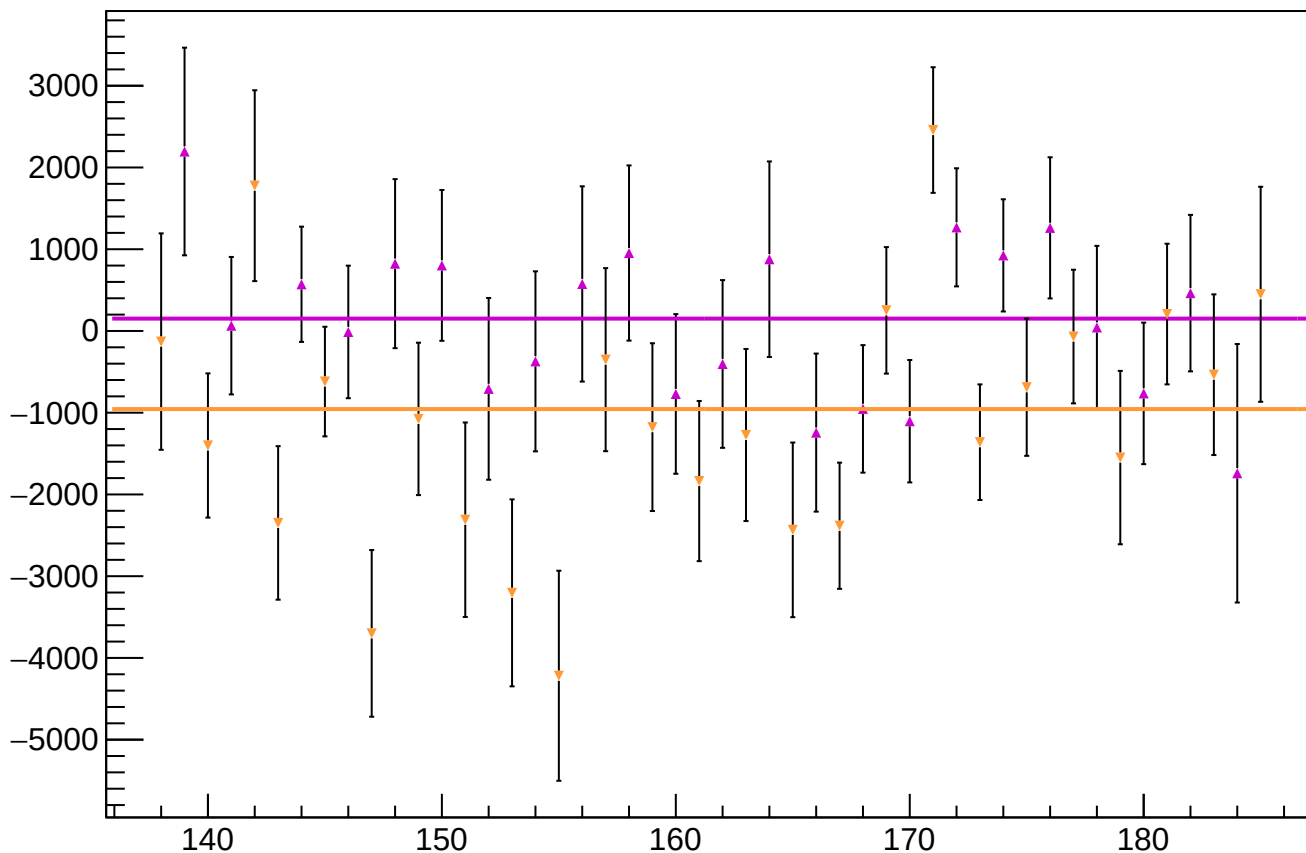
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 106.815 $\pm$ 0.016 χ^2 /NDF: 2065515.6/39

Out: 103.538 $\pm$ 0.015 χ^2 /NDF: 2609828.5/43

All: 105.095 $\pm$ 0.011 χ^2 /NDF: 4697761.5/83

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -955.404+/-187.275 χ^2/NDF :61.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 151.179+/-191.433 χ^2/NDF :21.9/22

Left: -414.261+/-133.869 χ^2/NDF : 100.2/47

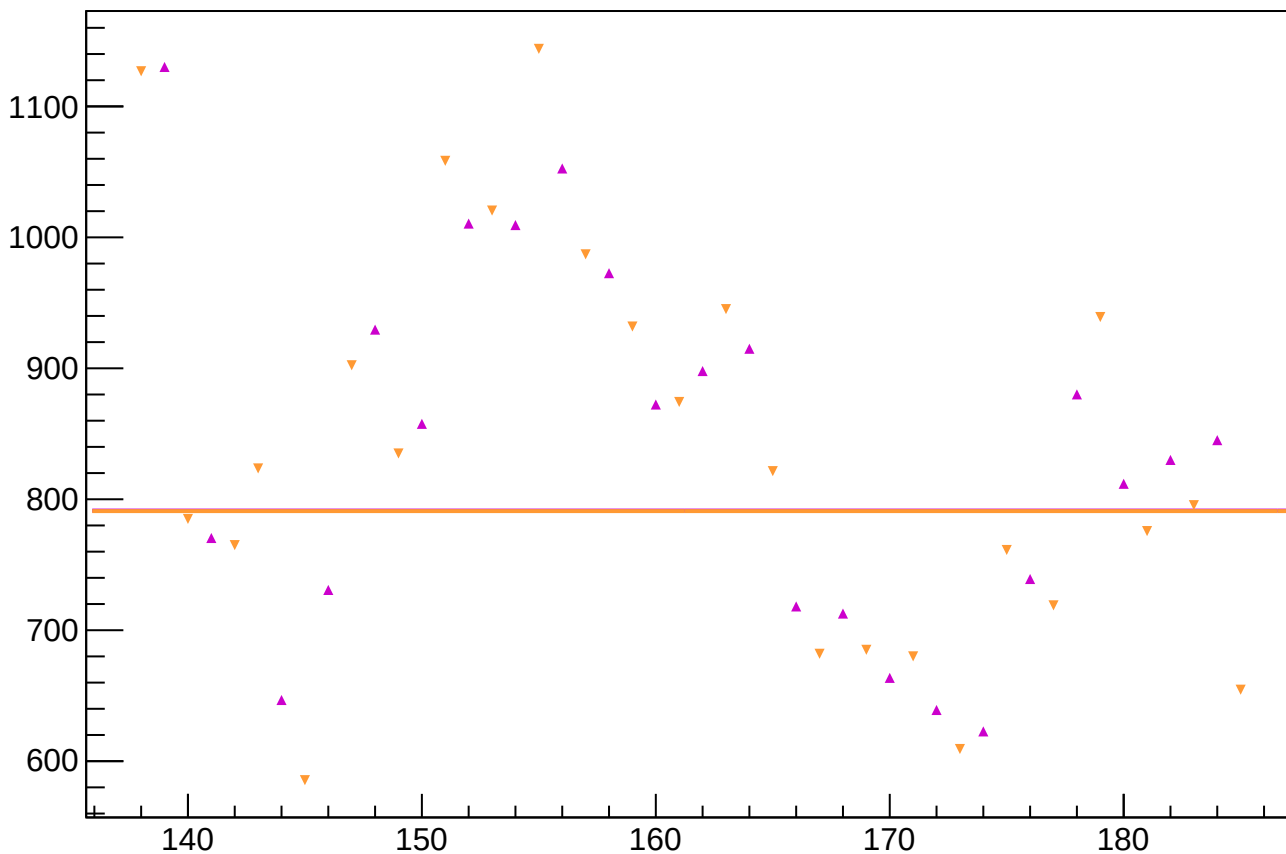
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 151.179+/-191.433 χ^2/NDF :21.9/22

Out: -955.404+/-187.275 χ^2/NDF :61.2/24

All: -414.261+/-133.869 χ^2/NDF : 100.2/47

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 790.972+/-0.132 χ^2/NDF :1169099.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Left: 791.163+/-0.095 χ^2/NDF : 2149128.7/47

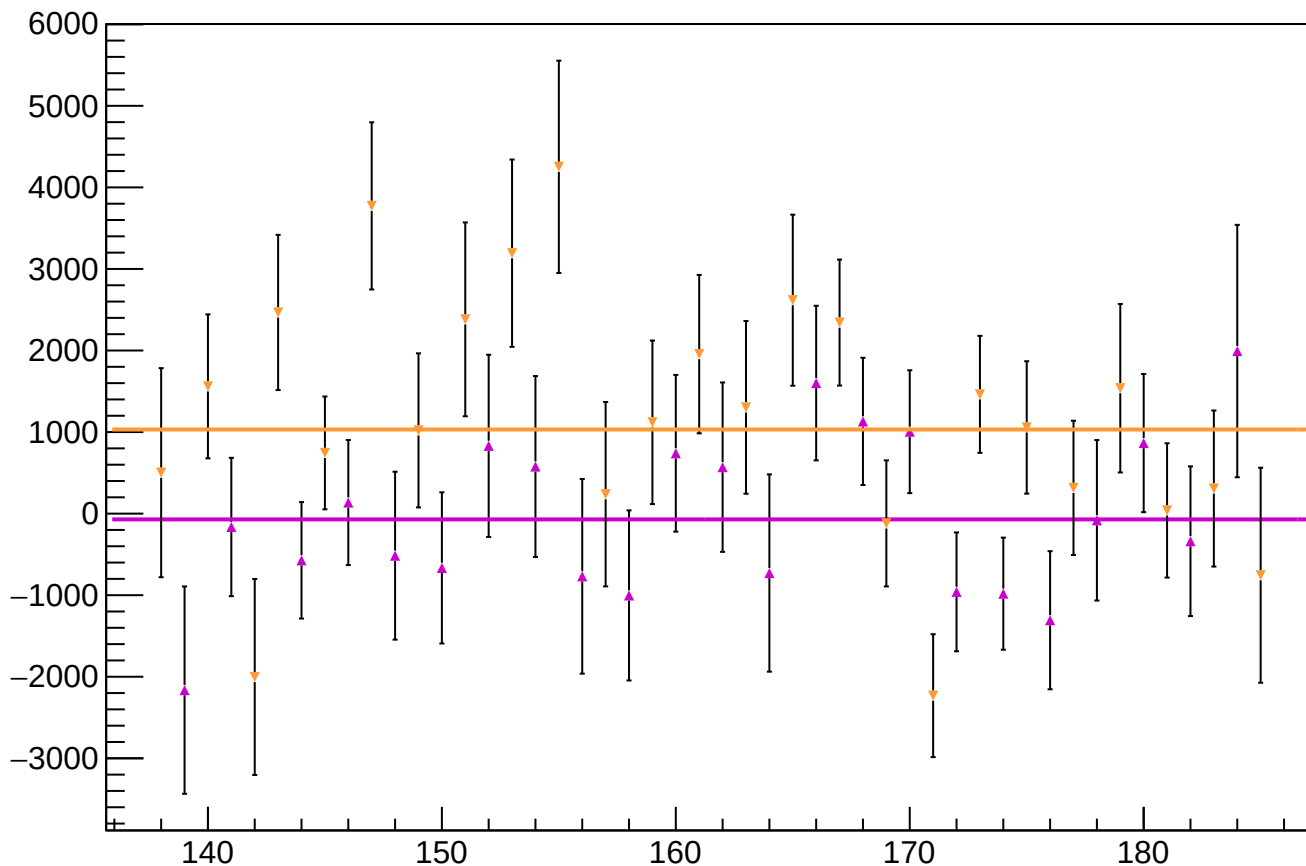
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 791.361+/-0.135 χ^2/NDF :980025.1/22

Out: 790.972+/-0.132 χ^2/NDF :1169099.4/24

All: 791.163+/-0.095 χ^2/NDF : 2149128.7/47

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 1031.428 $\pm$ 186.726 χ^2 /NDF:60.3/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -70.852 $\pm$ 190.155 χ^2 /NDF:23.4/22

Left: 490.317 $\pm$ 133.231 χ^2 /NDF: 100.8/47

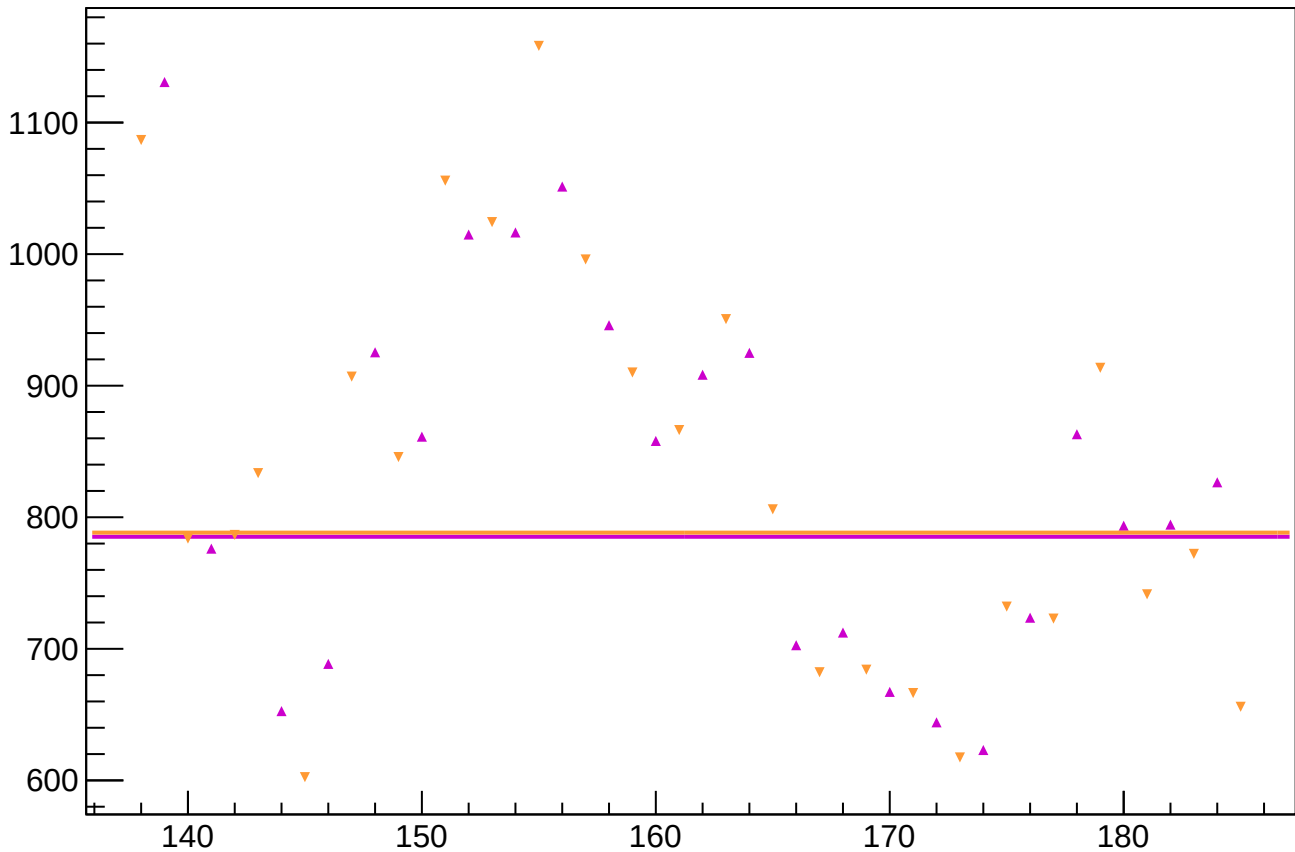
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -70.852 $\pm$ 190.155 χ^2 /NDF:23.4/22

Out: 1031.428 $\pm$ 186.726 χ^2 /NDF:60.3/24

All: 490.317 $\pm$ 133.231 χ^2 /NDF: 100.8/47

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 788.331+/-0.132 χ^2/NDF :1115397.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Left: 786.783+/-0.094 χ^2/NDF : 2092619.2/47

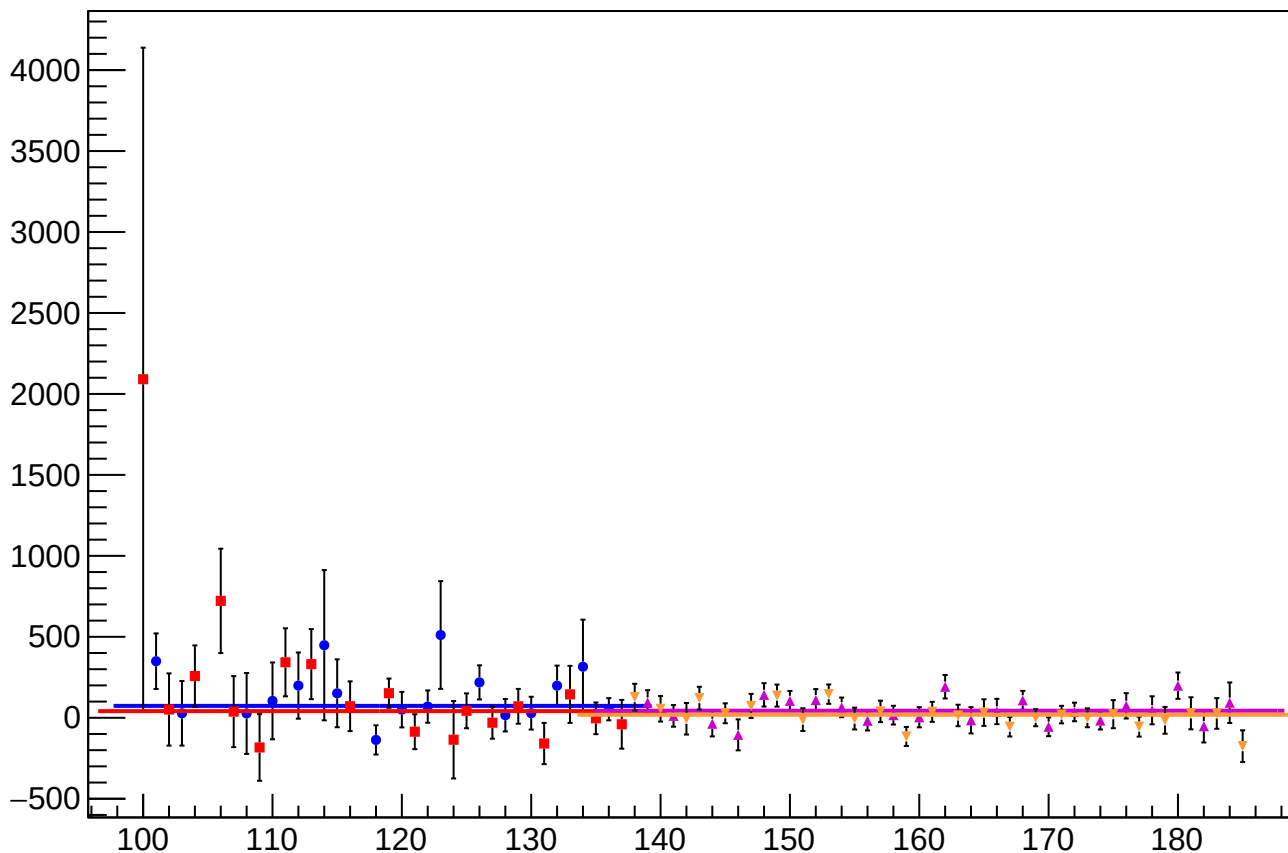
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 785.179+/-0.134 χ^2/NDF :976942.0/22

Out: 788.331+/-0.132 χ^2/NDF :1115397.5/24

All: 786.783+/-0.094 χ^2/NDF : 2092619.2/47

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: 18.619 $\pm$ 13.778 χ^2 /NDF:25.2/24

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 43.624 $\pm$ 14.461 χ^2 /NDF:24.6/22

Left: 30.517 $\pm$ 9.975 χ^2 /NDF: 51.4/47

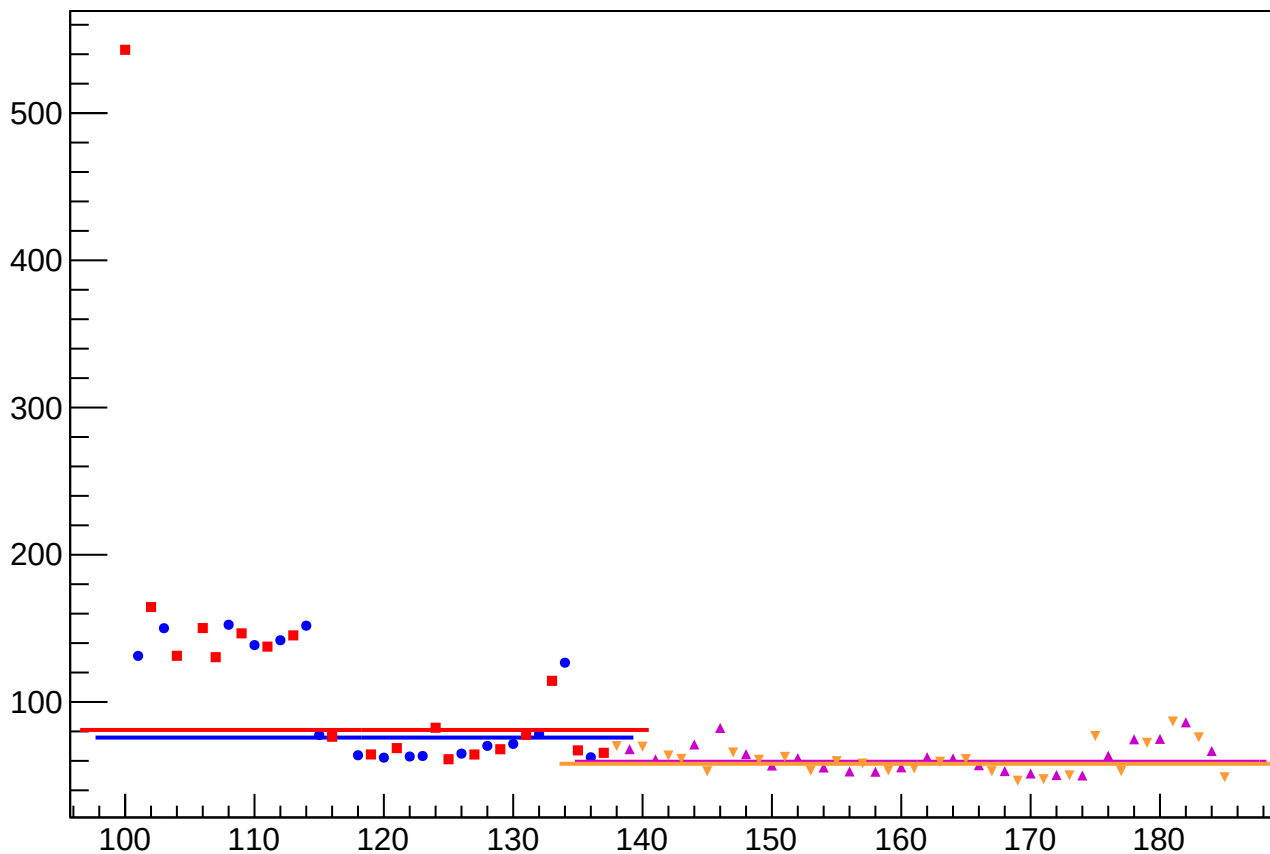
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 48.937 $\pm$ 13.110 χ^2 /NDF:40.6/39

Out: 22.004 $\pm$ 12.699 χ^2 /NDF:44.9/43

All: 35.042 $\pm$ 9.121 χ^2 /NDF: 87.7/83

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 58.021 $\pm$ 0.010 χ^2 /NDF: 824162.4/24

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 59.407 $\pm$ 0.010 χ^2 /NDF: 734143.0/22

Left: 58.680 $\pm$ 0.007 χ^2 /NDF: 1567924.4/47

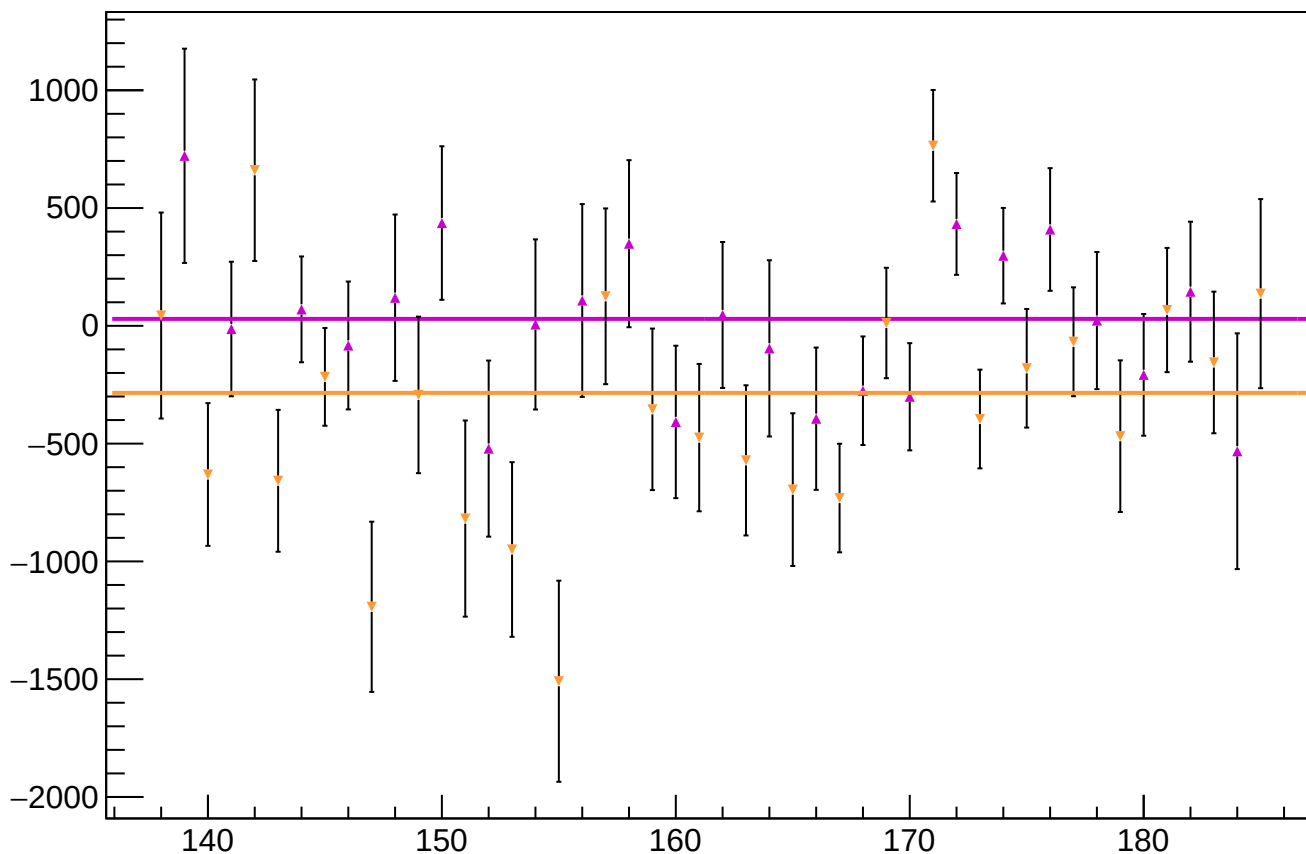
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 62.331 $\pm$ 0.009 χ^2 /NDF: 2543079.6/39

Out: 61.478 $\pm$ 0.009 χ^2 /NDF: 3288967.1/43

All: 61.891 $\pm$ 0.006 χ^2 /NDF: 5836408.1/83

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -284.542+/-58.611 χ^2/NDF : 62.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 29.526+/-60.246 χ^2/NDF : 24.6/22

Left: -131.828+/-42.010 χ^2/NDF : 101.2/47

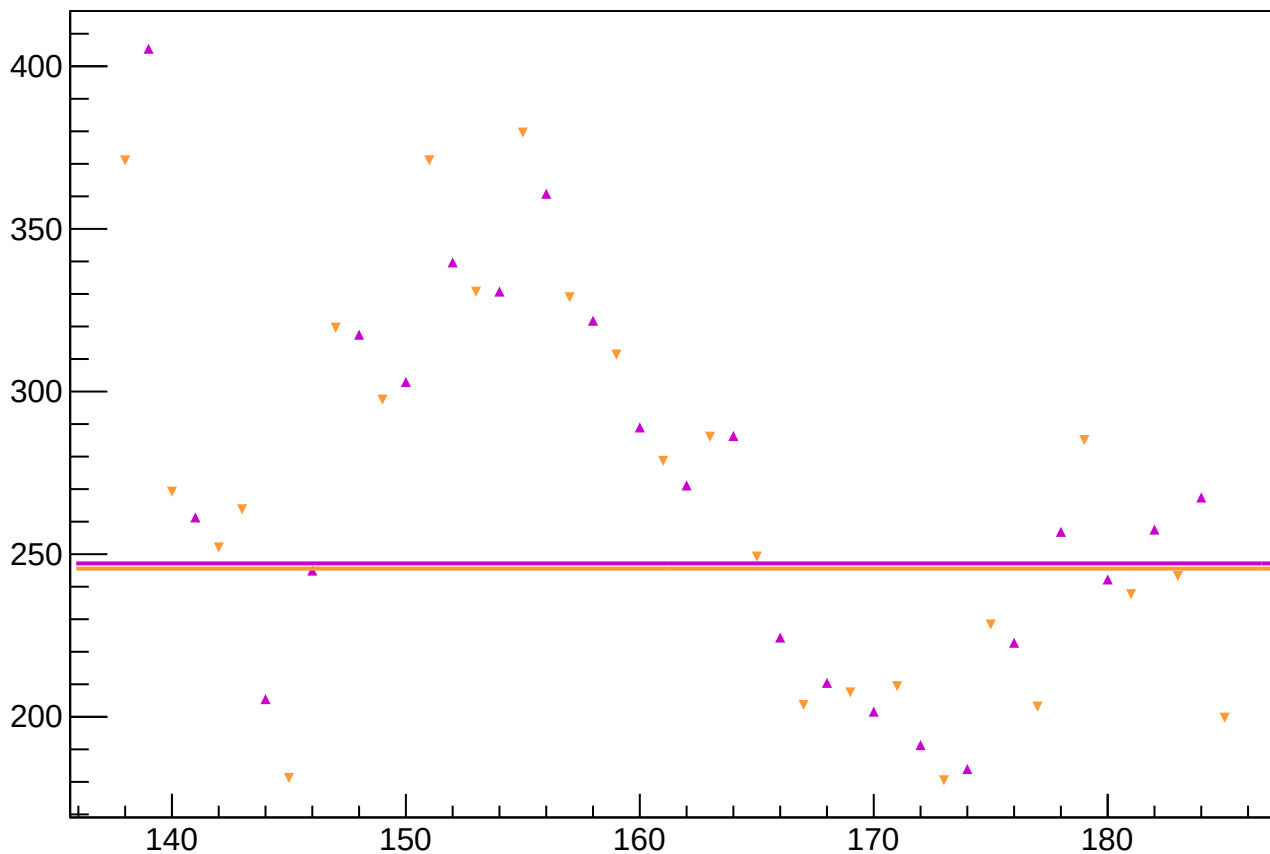
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 29.526+/-60.246 χ^2/NDF : 24.6/22

Out: -284.542+/-58.611 χ^2/NDF : 62.7/24

All: -131.828+/-42.010 χ^2/NDF : 101.2/47

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 245.554+/-0.041 χ^2/NDF :1716811.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Left: 246.338+/-0.030 χ^2/NDF : 3208026.1/47

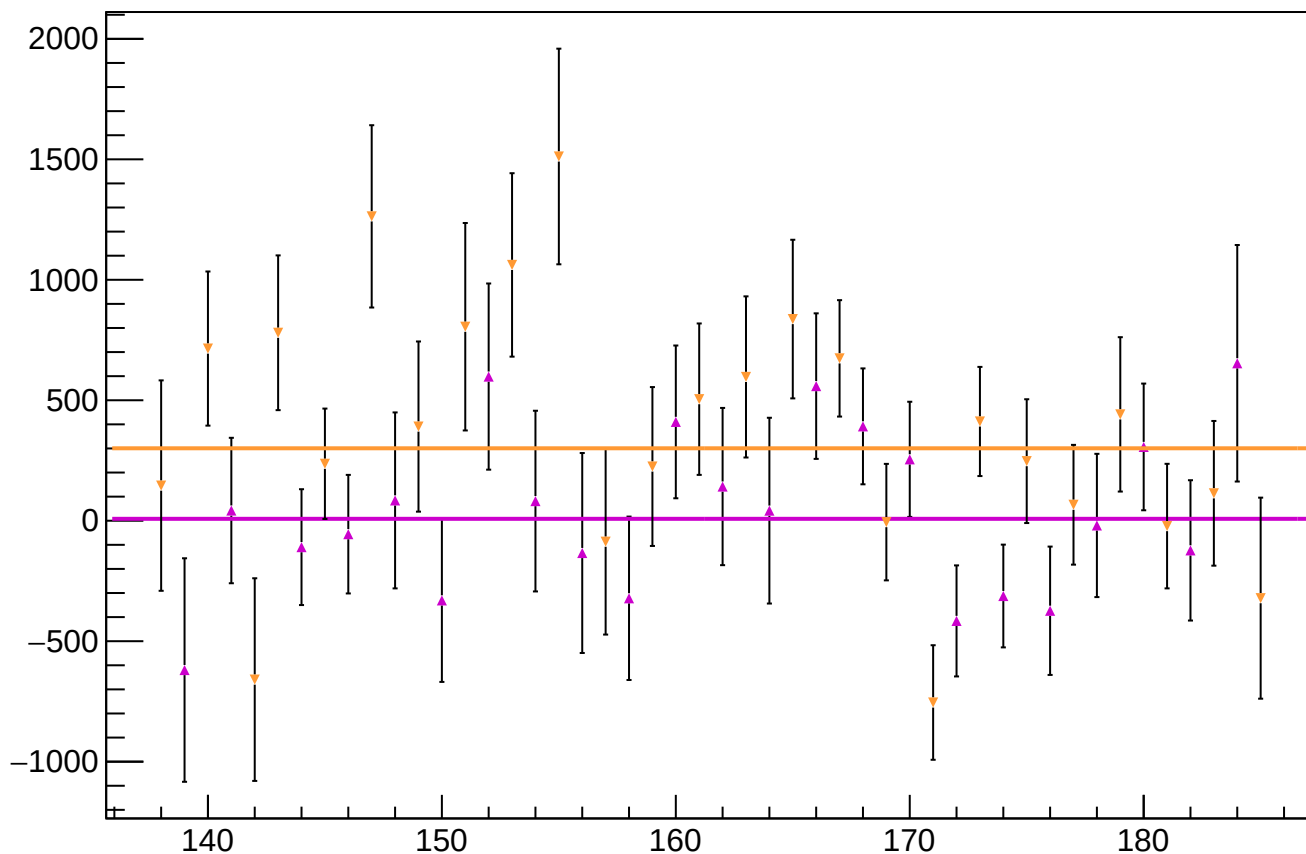
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 247.165+/-0.043 χ^2/NDF :1490480.7/22

Out: 245.554+/-0.041 χ^2/NDF :1716811.0/24

All: 246.338+/-0.030 χ^2/NDF : 3208026.1/47

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 300.649+/-60.830 χ^2/NDF :62.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.915+/-61.726 χ^2/NDF :26.3/22

Left: 156.420+/-43.327 χ^2/NDF : 100.4/47

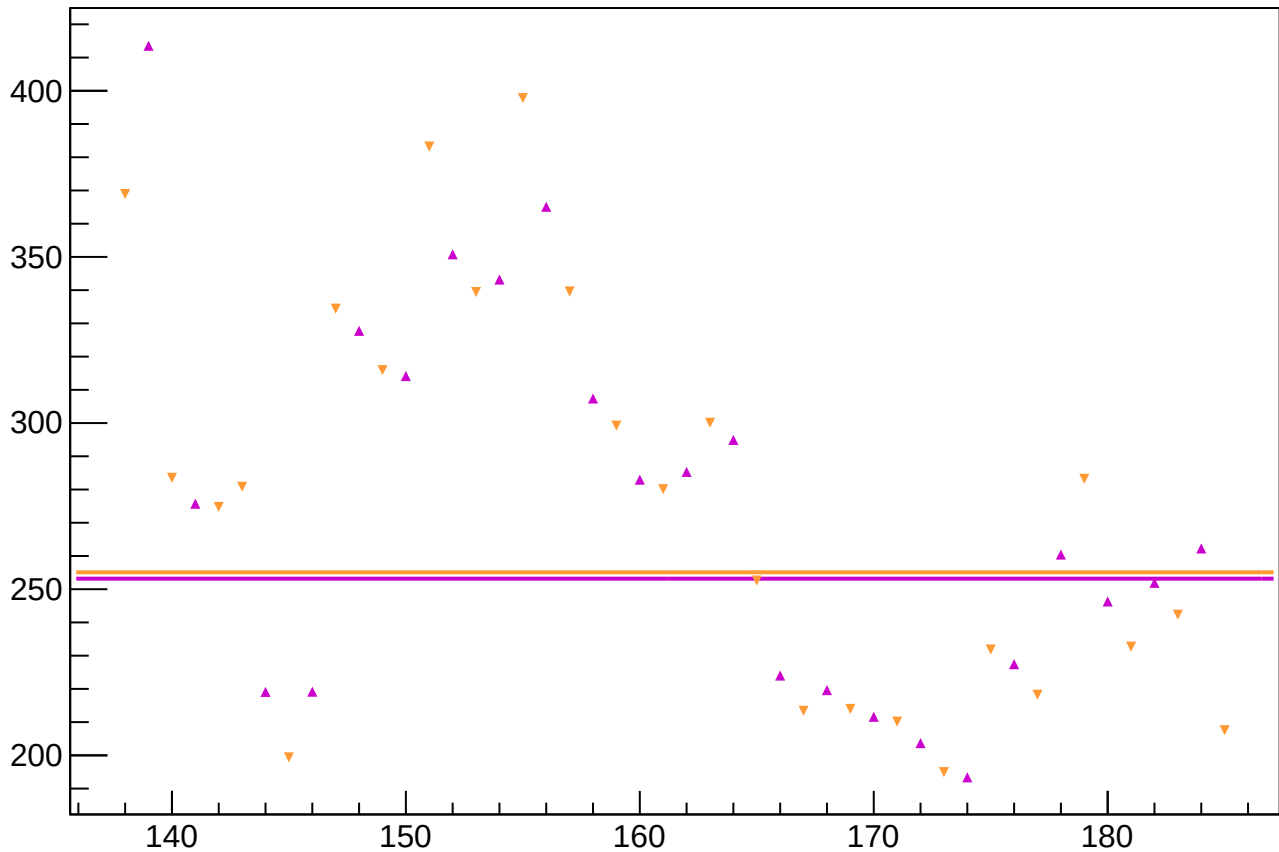
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.915+/-61.726 χ^2/NDF :26.3/22

Out: 300.649+/-60.830 χ^2/NDF :62.7/24

All: 156.420+/-43.327 χ^2/NDF : 100.4/47

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 255.090+/-0.043 χ^2/NDF :1544288.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Left: 254.144+/-0.031 χ^2/NDF : 2911797.1/47

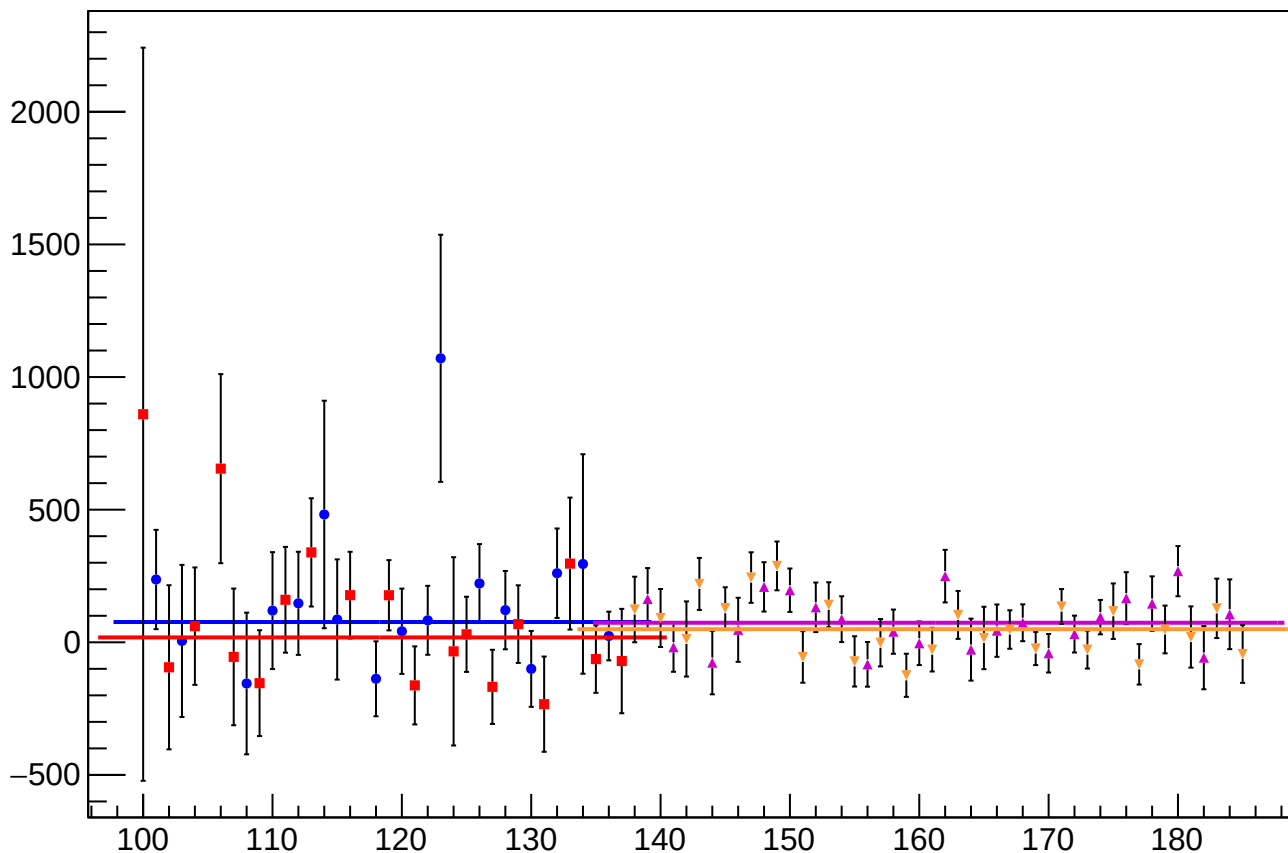
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.170+/-0.044 χ^2/NDF :1366527.6/22

Out: 255.090+/-0.043 χ^2/NDF :1544288.0/24

All: 254.144+/-0.031 χ^2/NDF : 2911797.1/47

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: 49.523 $\pm$ 17.778 χ^2 /NDF:34.6/24

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 73.724 $\pm$ 18.787 χ^2 /NDF:26.4/22

Left: 60.956 $\pm$ 12.913 χ^2 /NDF: 61.9/47

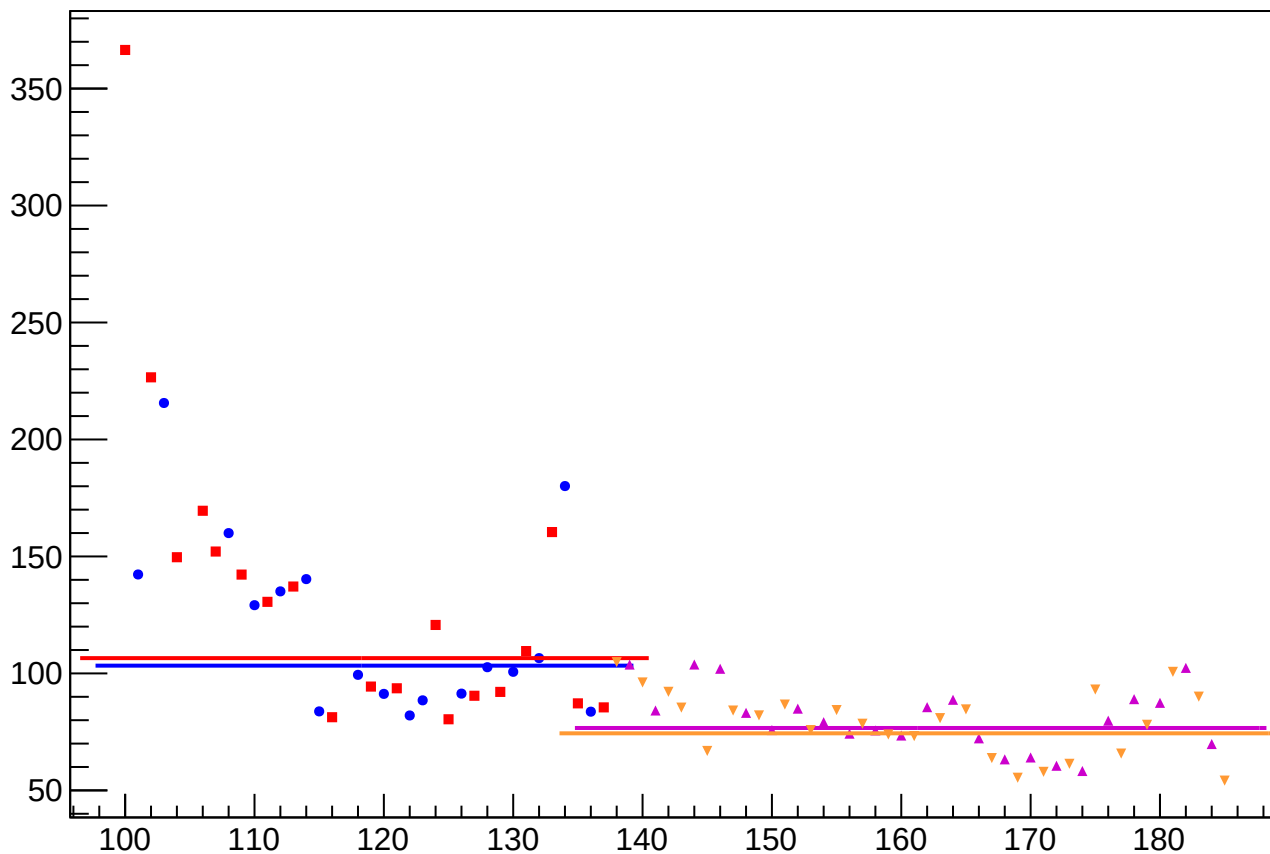
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 74.195 $\pm$ 17.119 χ^2 /NDF:40.3/39

Out: 44.846 $\pm$ 16.388 χ^2 /NDF:52.3/43

All: 58.881 $\pm$ 11.838 χ^2 /NDF: 94.1/83

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.387 $\pm$ 0.013 χ^2 /NDF:1116877.8/24

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 76.673 $\pm$ 0.013 χ^2 /NDF:944412.6/22

Left: 75.467 $\pm$ 0.009 χ^2 /NDF: 2076921.7/47

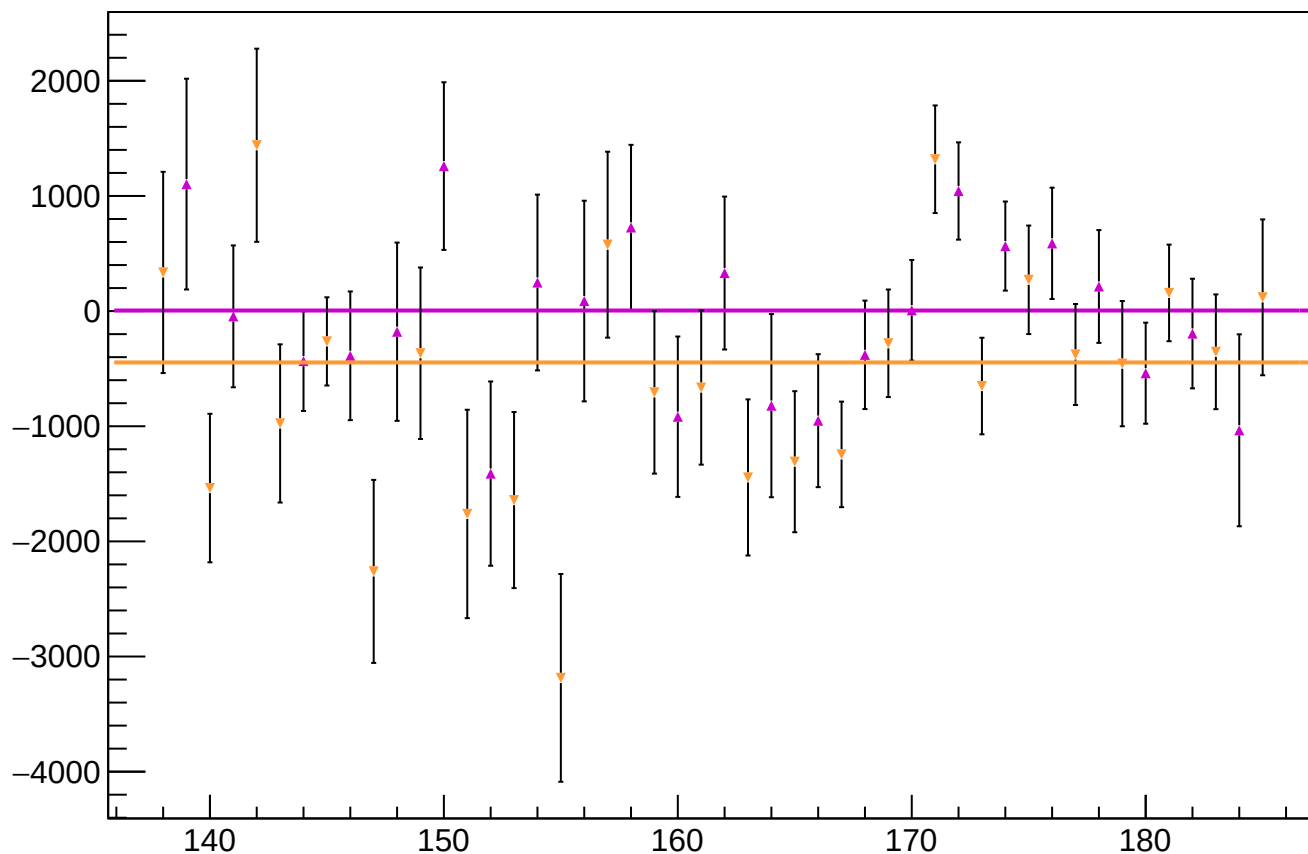
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 81.195 $\pm$ 0.012 χ^2 /NDF:2464834.2/39

Out: 79.217 $\pm$ 0.012 χ^2 /NDF:3170955.7/43

All: 80.163 $\pm$ 0.008 χ^2 /NDF: 5649721.4/83

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -445.750+/-114.096 χ^2/NDF :57.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 5.090+/-117.135 χ^2/NDF :29.8/22

Left: -226.254+/-81.731 χ^2/NDF : 94.7/47

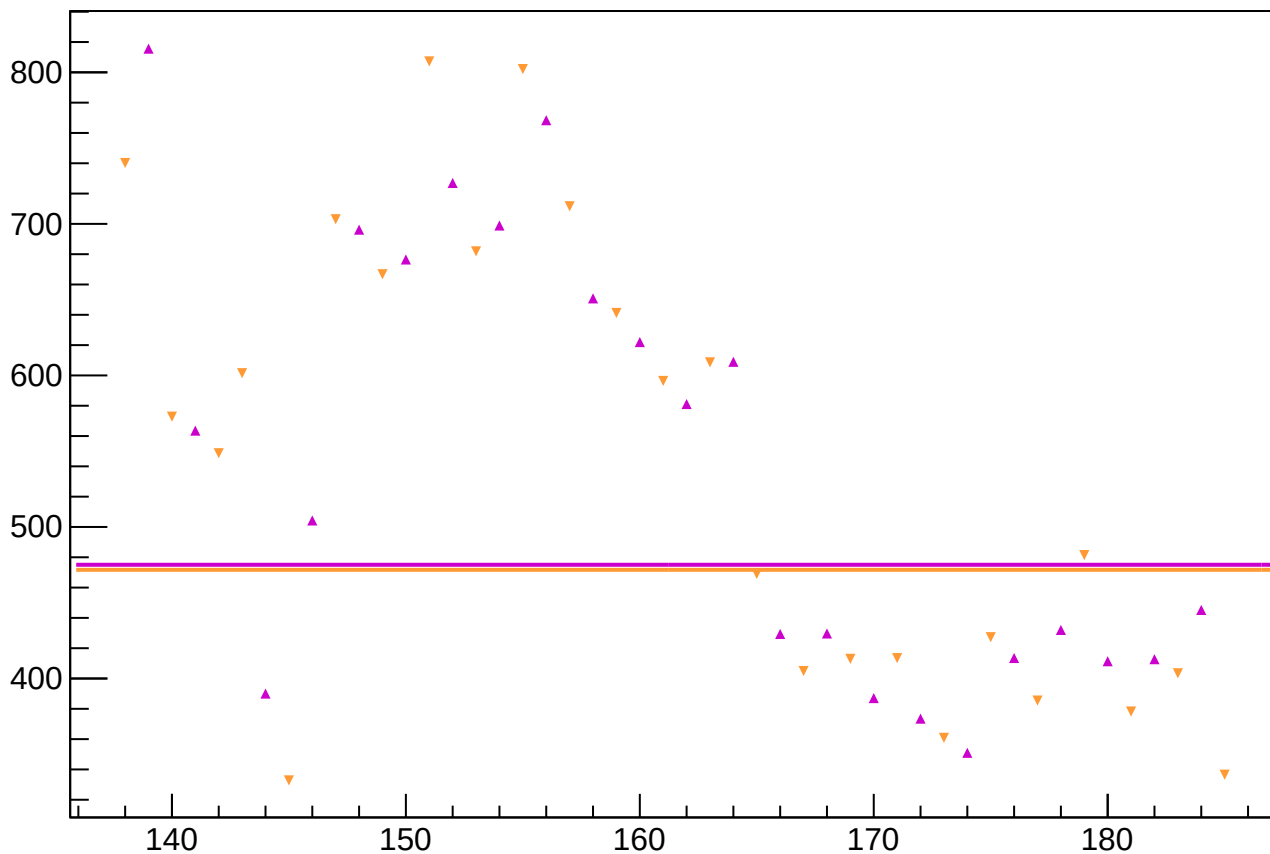
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.090+/-117.135 χ^2/NDF :29.8/22

Out: -445.750+/-114.096 χ^2/NDF :57.3/24

All: -226.254+/-81.731 χ^2/NDF : 94.7/47

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 471.726+/-0.081 χ^2/NDF :2590486.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Left: 473.349+/-0.058 χ^2/NDF : 4782239.6/47

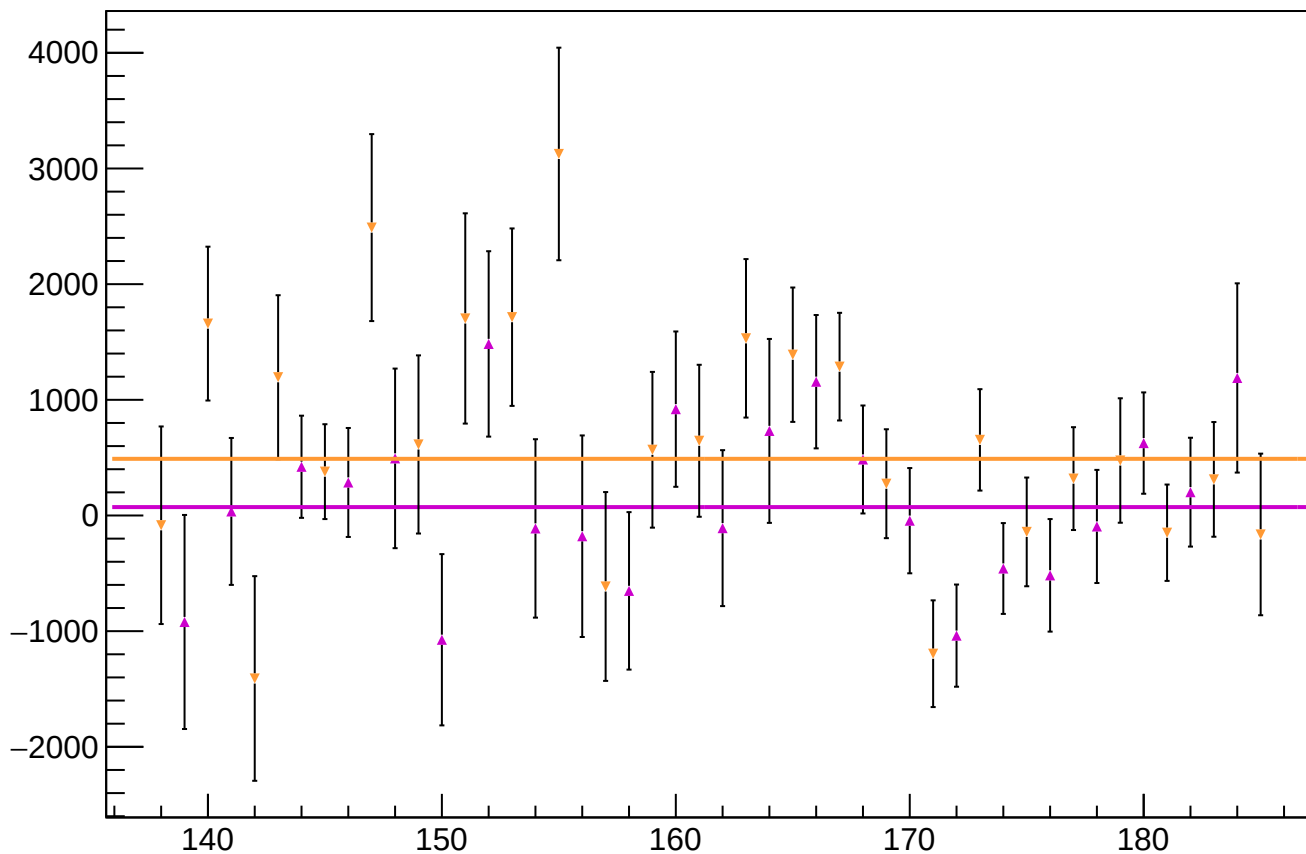
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.060+/-0.083 χ^2/NDF :2190922.0/22

Out: 471.726+/-0.081 χ^2/NDF :2590486.4/24

All: 473.349+/-0.058 χ^2/NDF : 4782239.6/47

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 489.955+/-115.294 χ^2/NDF : 56.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Left: 284.227+/-82.096 χ^2/NDF : 92.0/47

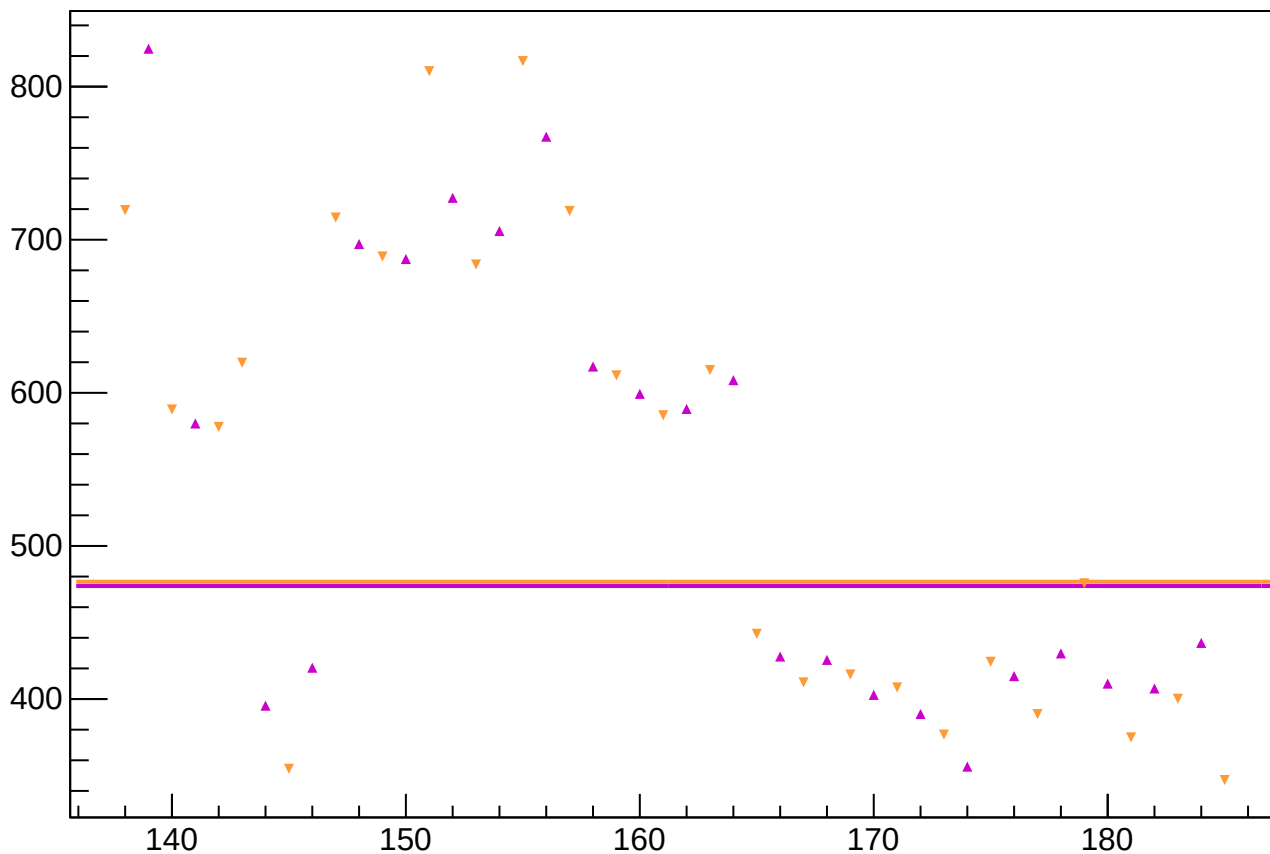
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 72.627+/-116.927 χ^2/NDF : 29.1/22

Out: 489.955+/-115.294 χ^2/NDF : 56.5/24

All: 284.227+/-82.096 χ^2/NDF : 92.0/47

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 476.625+/-0.082 χ^2/NDF :2474748.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Left: 475.244+/-0.058 χ^2/NDF : 4589083.0/47

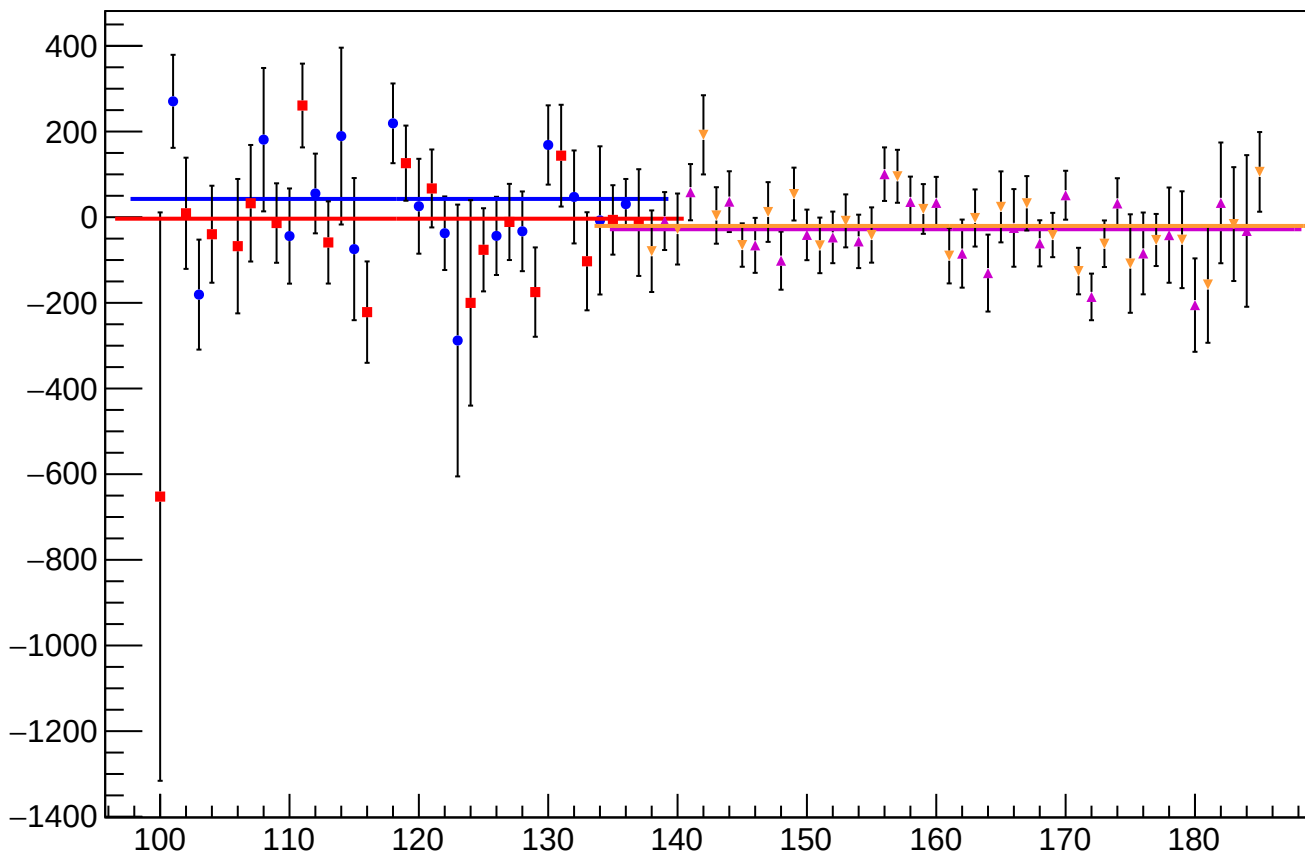
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 473.824+/-0.083 χ^2/NDF :2113753.1/22

Out: 476.625+/-0.082 χ^2/NDF :2474748.1/24

All: 475.244+/-0.058 χ^2/NDF : 4589083.0/47

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: -20.399 $\pm$ 13.717 χ^2 /NDF:23.4/24

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -28.117 $\pm$ 14.462 χ^2 /NDF:27.7/22

Left: -24.054 $\pm$ 9.952 χ^2 /NDF: 51.3/47

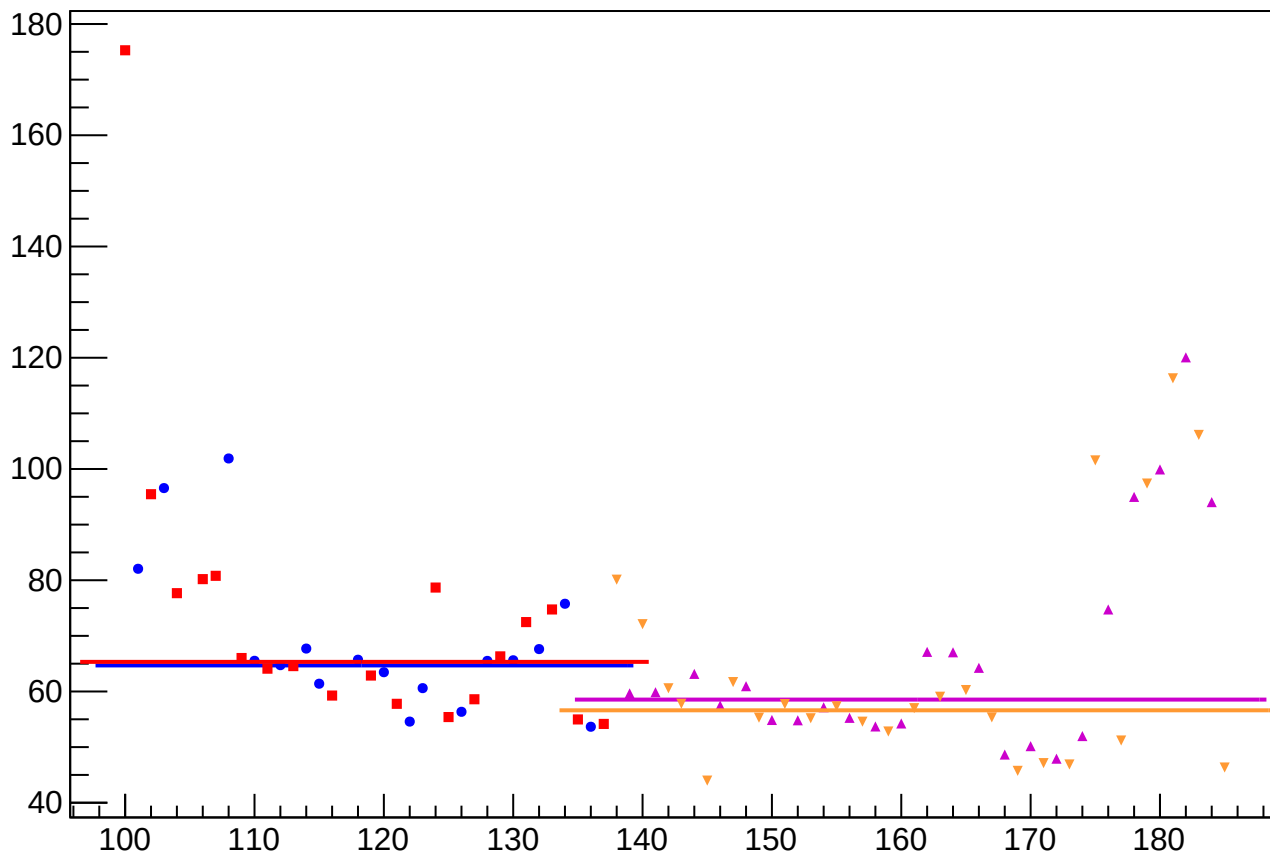
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -10.879 $\pm$ 12.578 χ^2 /NDF:52.4/39

Out: -16.506 $\pm$ 12.033 χ^2 /NDF:45.1/43

All: -13.817 $\pm$ 8.695 χ^2 /NDF: 97.6/83

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.616 $\pm$ 0.010 χ^2 /NDF:1833439.1/24

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.542 $\pm$ 0.010 χ^2 /NDF:1340216.9/22

Left: 57.528 $\pm$ 0.007 χ^2 /NDF: 3192335.3/47

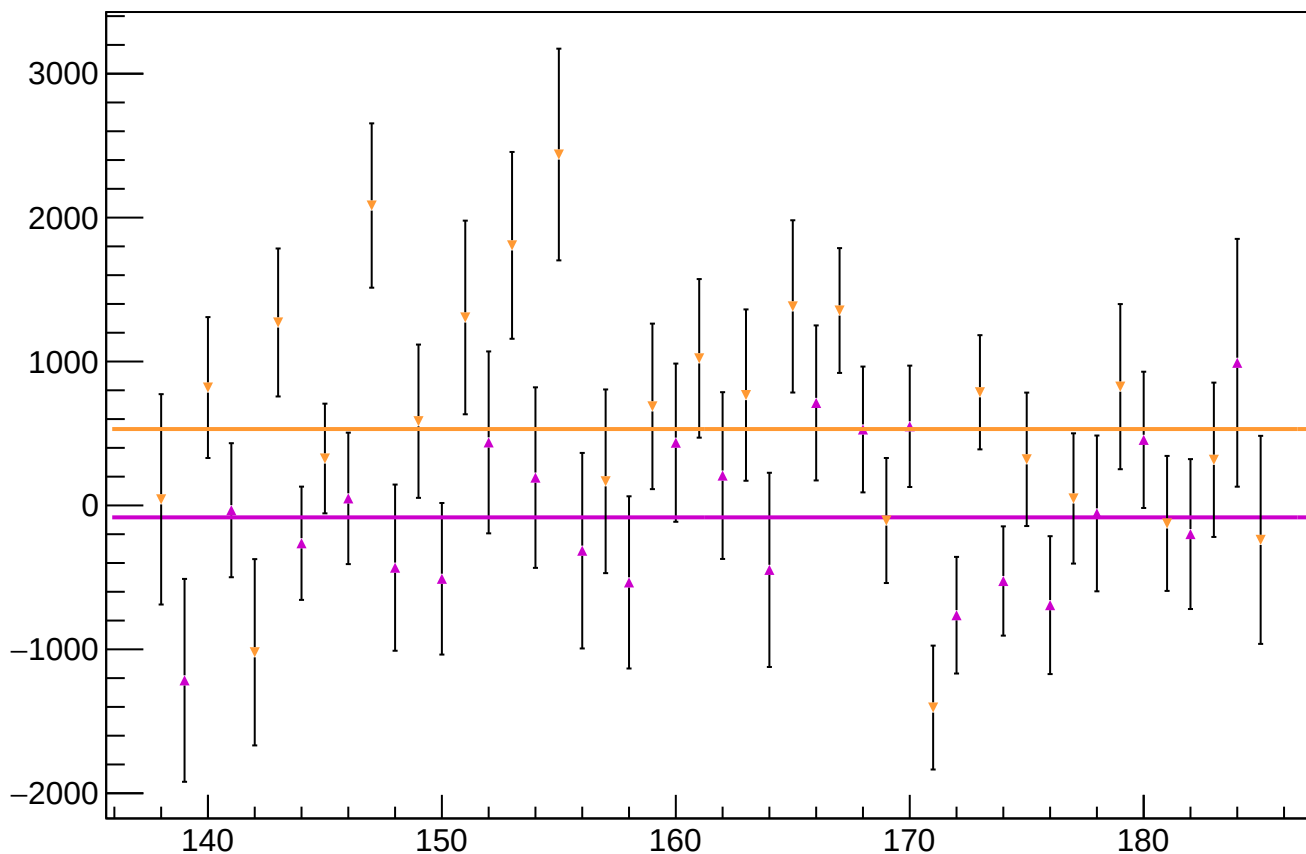
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 60.039 $\pm$ 0.009 χ^2 /NDF:1828303.7/39

Out: 58.622 $\pm$ 0.009 χ^2 /NDF:2378735.0/43

All: 59.299 $\pm$ 0.006 χ^2 /NDF: 4220277.6/83

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 530.795+/-104.608 χ^2/NDF :62.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.880+/-106.864 χ^2/NDF :22.0/22

Left: 230.503+/-74.754 χ^2/NDF : 101.7/47

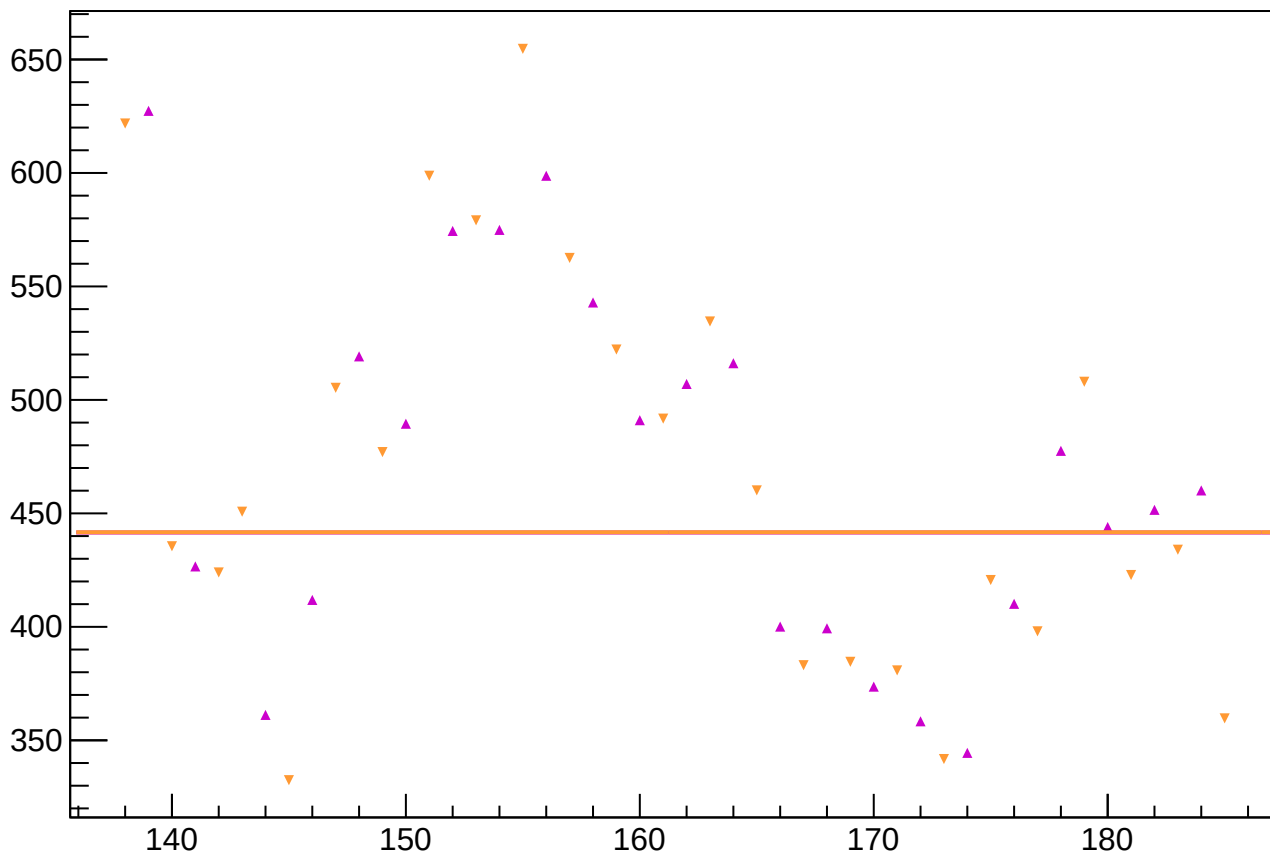
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.880+/-106.864 χ^2/NDF :22.0/22

Out: 530.795+/-104.608 χ^2/NDF :62.8/24

All: 230.503+/-74.754 χ^2/NDF : 101.7/47

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: 441.687+/-0.074 χ^2/NDF :1183110.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Left: 441.630+/-0.053 χ^2/NDF : 2194748.4/47

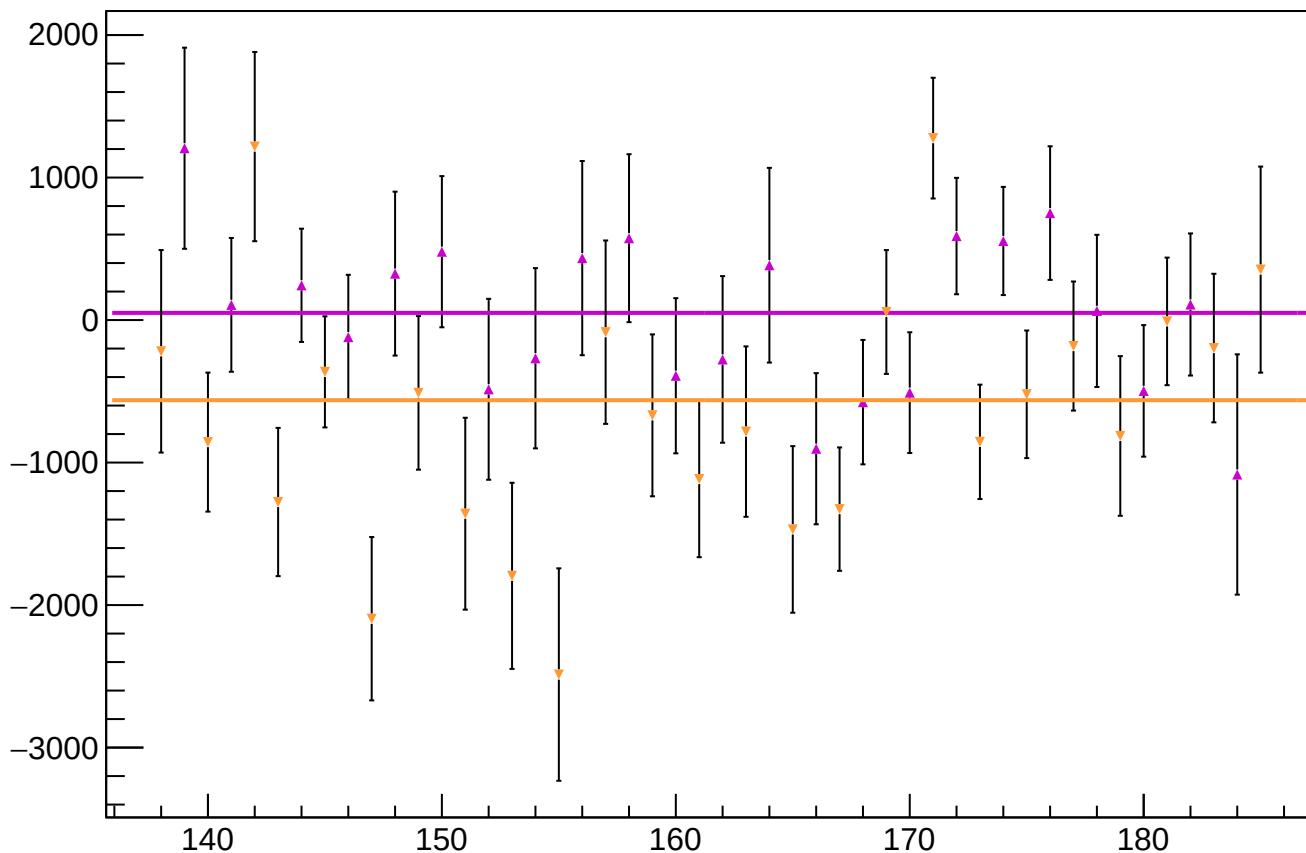
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.571+/-0.076 χ^2/NDF :1011637.1/22

Out: 441.687+/-0.074 χ^2/NDF :1183110.2/24

All: 441.630+/-0.053 χ^2/NDF : 2194748.4/47

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -562.267 ± 104.161 $\chi^2/\text{NDF}: 61.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 50.387 ± 106.218 $\chi^2/\text{NDF}: 23.3/22$

Left: -261.931 ± 74.369 $\chi^2/\text{NDF}: 102.1/47$

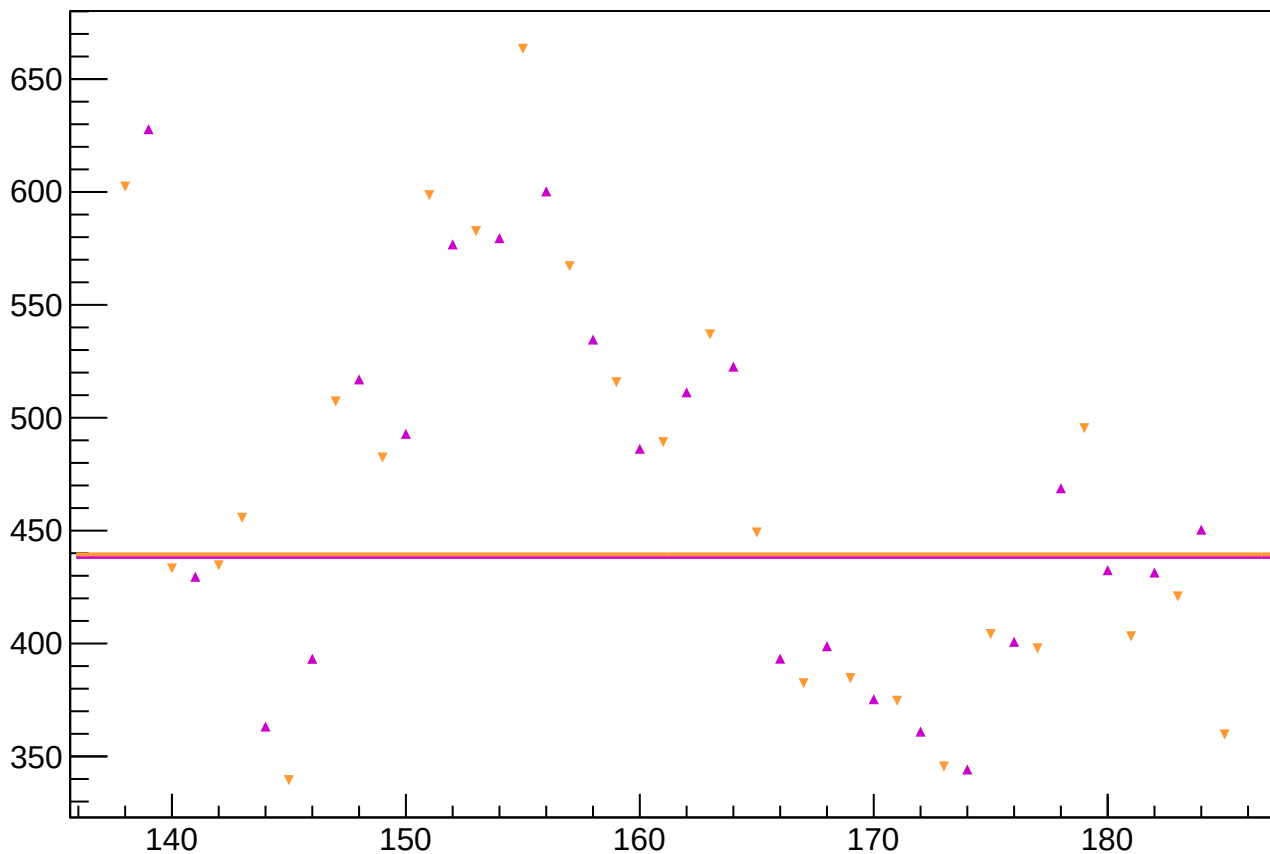
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: 50.387 ± 106.218 $\chi^2/\text{NDF}: 23.3/22$

Out: -562.267 ± 104.161 $\chi^2/\text{NDF}: 61.9/24$

All: -261.931 ± 74.369 $\chi^2/\text{NDF}: 102.1/47$

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 439.467+/-0.074 χ^2/NDF :1164958.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Left: 438.926+/-0.053 χ^2/NDF : 2189729.5/47

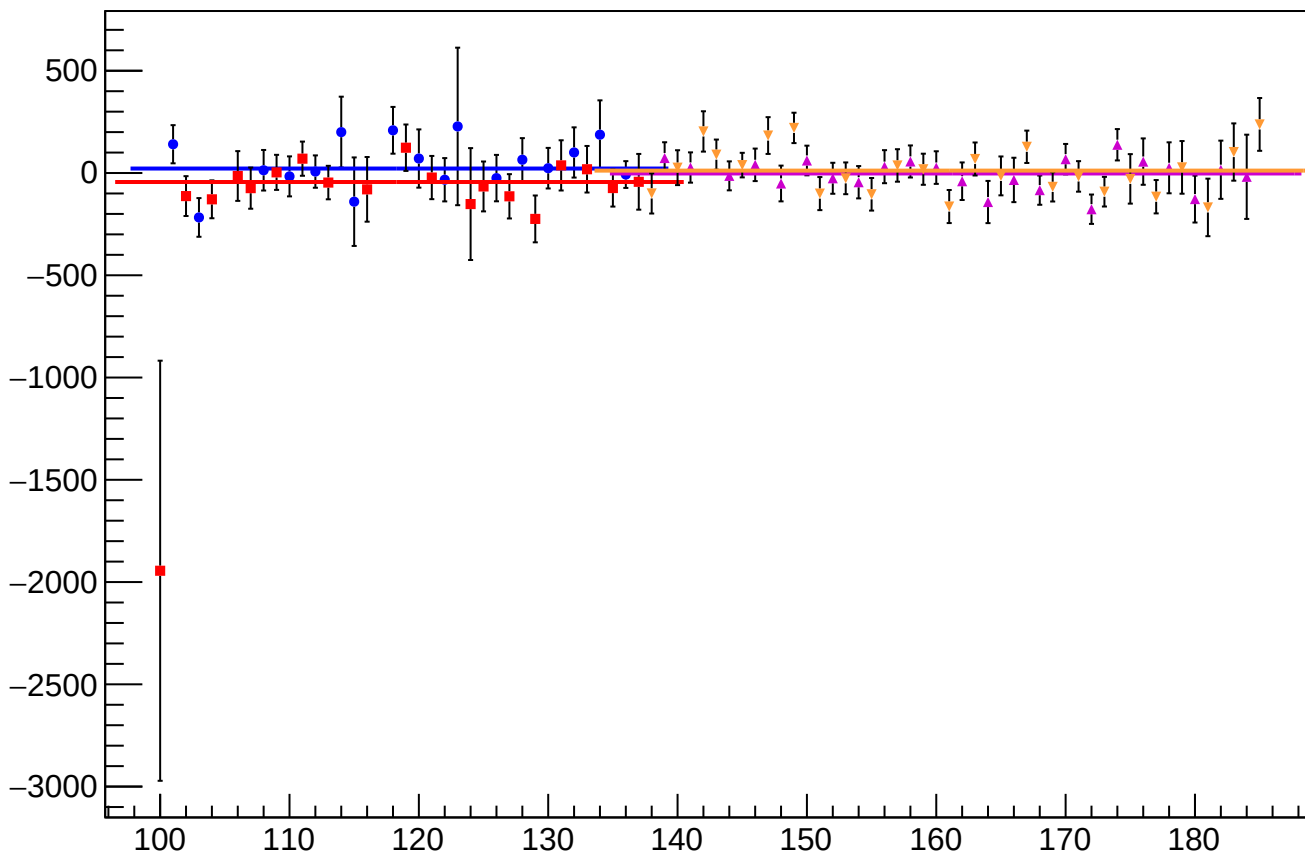
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.365+/-0.075 χ^2/NDF :1024661.1/22

Out: 439.467+/-0.074 χ^2/NDF :1164958.7/24

All: 438.926+/-0.053 χ^2/NDF : 2189729.5/47

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: 11.747 ± 16.902 χ^2/NDF : 40.9/24

Right Out: -43.953 ± 25.108 χ^2/NDF : 13.3/18

Left In: -2.213 ± 17.775 χ^2/NDF : 18.8/22

Left: 5.118 ± 12.249 χ^2/NDF : 60.0/47

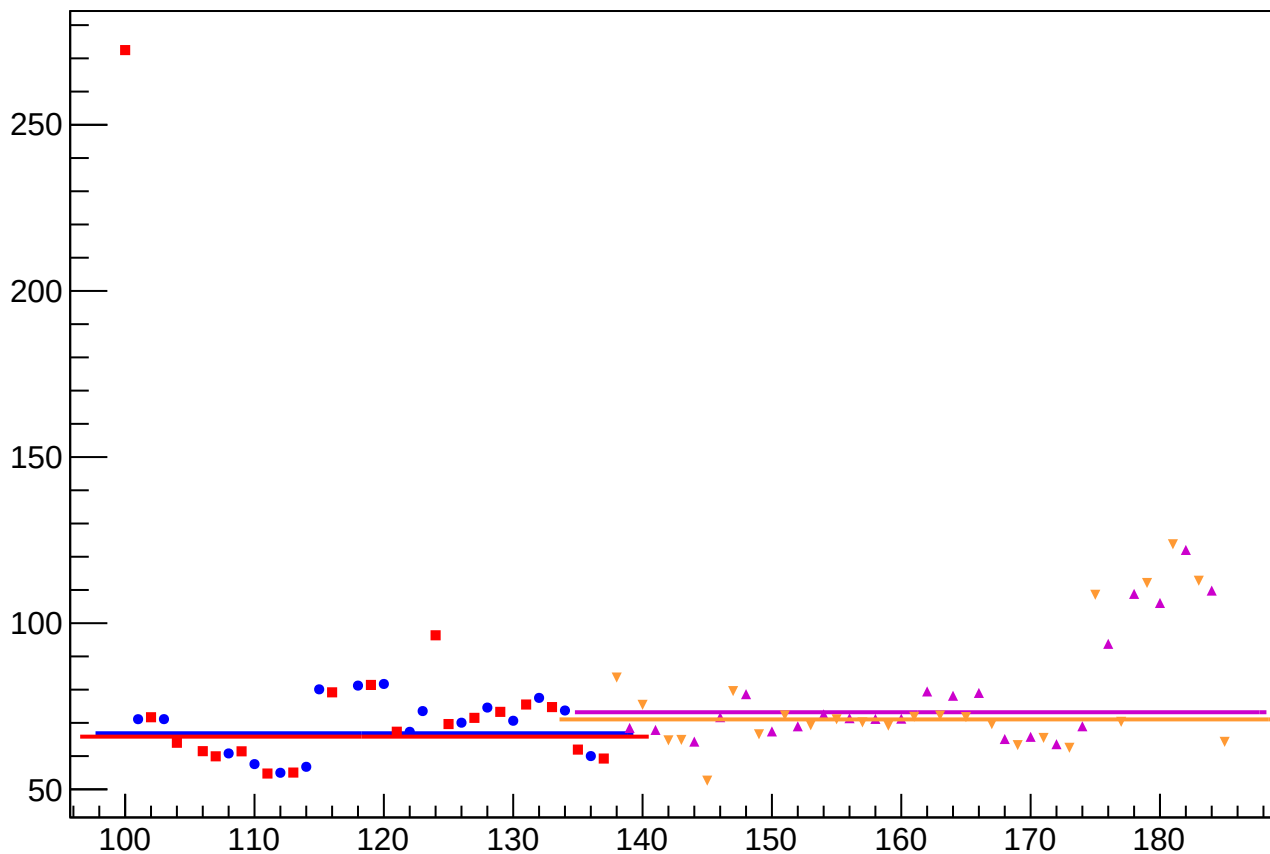
Right: -12.241 ± 18.080 χ^2/NDF : 31.7/35

In: 5.447 ± 14.683 χ^2/NDF : 34.5/39

Out: -5.623 ± 14.021 χ^2/NDF : 57.5/43

All: -0.343 ± 10.141 χ^2/NDF : 92.3/83

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2 /NDF: 202515.6/16

Left Out: 71.043 $\pm$ 0.012 χ^2 /NDF:1200251.2/24

Right Out: 65.854 $\pm$ 0.018 χ^2 /NDF: 299873.8/18

Left In: 73.201 $\pm$ 0.013 χ^2 /NDF:879338.5/22

Left: 72.068 $\pm$ 0.009 χ^2 /NDF: 2095068.5/47

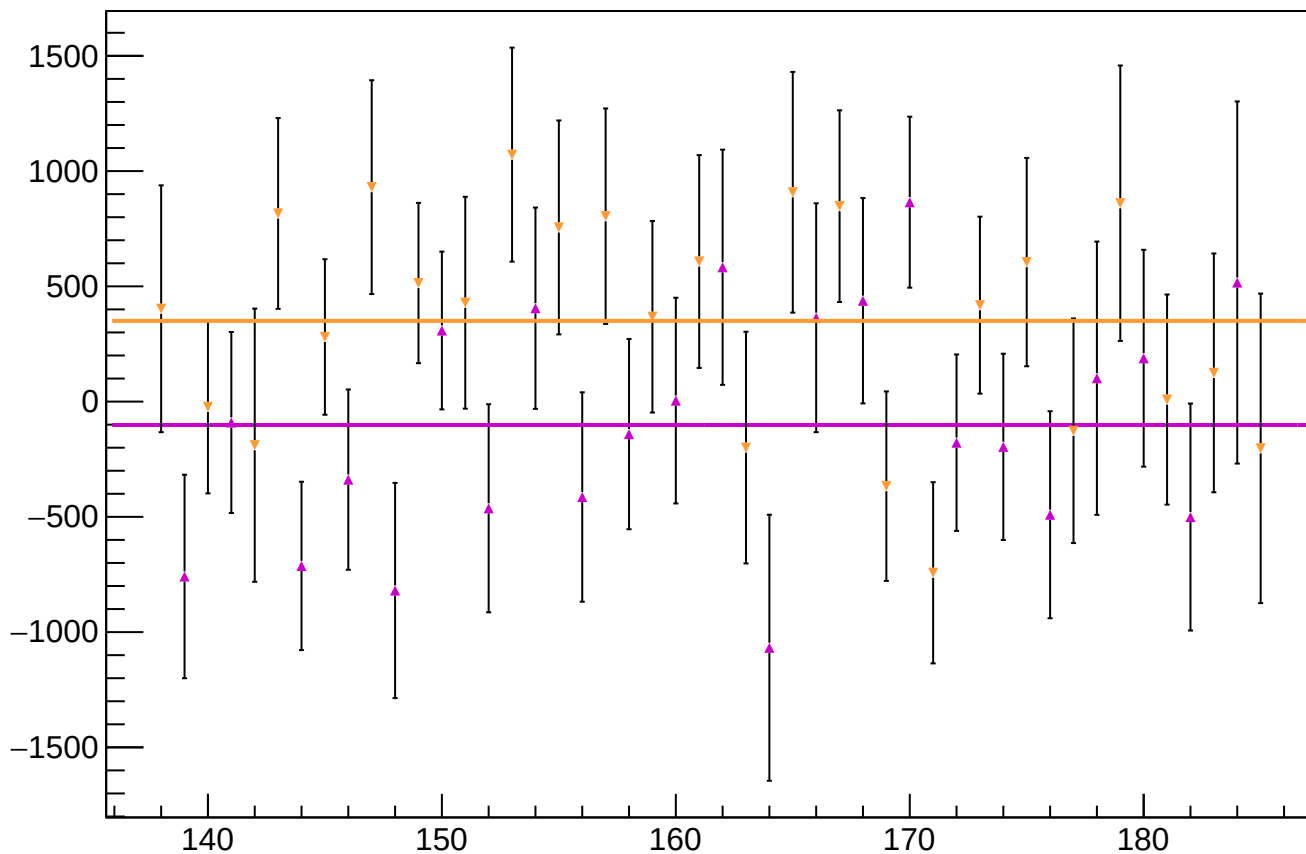
Right: 66.344 $\pm$ 0.013 χ^2 /NDF: 503972.2/35

In: 71.191 $\pm$ 0.010 χ^2 /NDF:1162386.4/39

Out: 69.425 $\pm$ 0.010 χ^2 /NDF:1558909.9/43

All: 70.267 $\pm$ 0.007 χ^2 /NDF: 2736429.5/83

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: 350.227+/-89.328 χ^2/NDF :27.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -101.465+/-91.704 χ^2/NDF :28.1/22

Left: 130.308+/-63.988 χ^2/NDF : 67.9/47

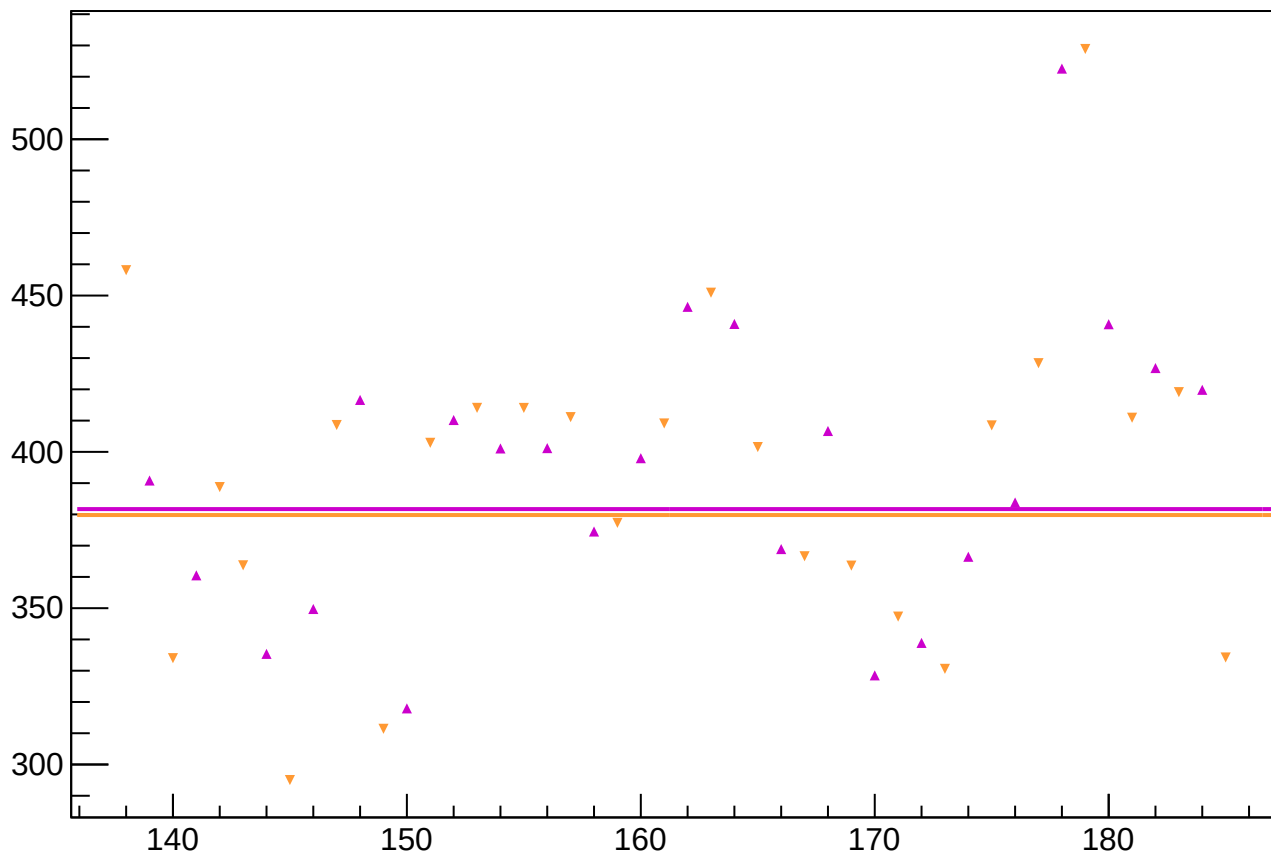
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -101.465+/-91.704 χ^2/NDF :28.1/22

Out: 350.227+/-89.328 χ^2/NDF :27.4/24

All: 130.308+/-63.988 χ^2/NDF : 67.9/47

asym_sam_37_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 379.794+/-0.063 χ^2/NDF : 608982.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Left: 380.722+/-0.045 χ^2/NDF : 1057090.9/47

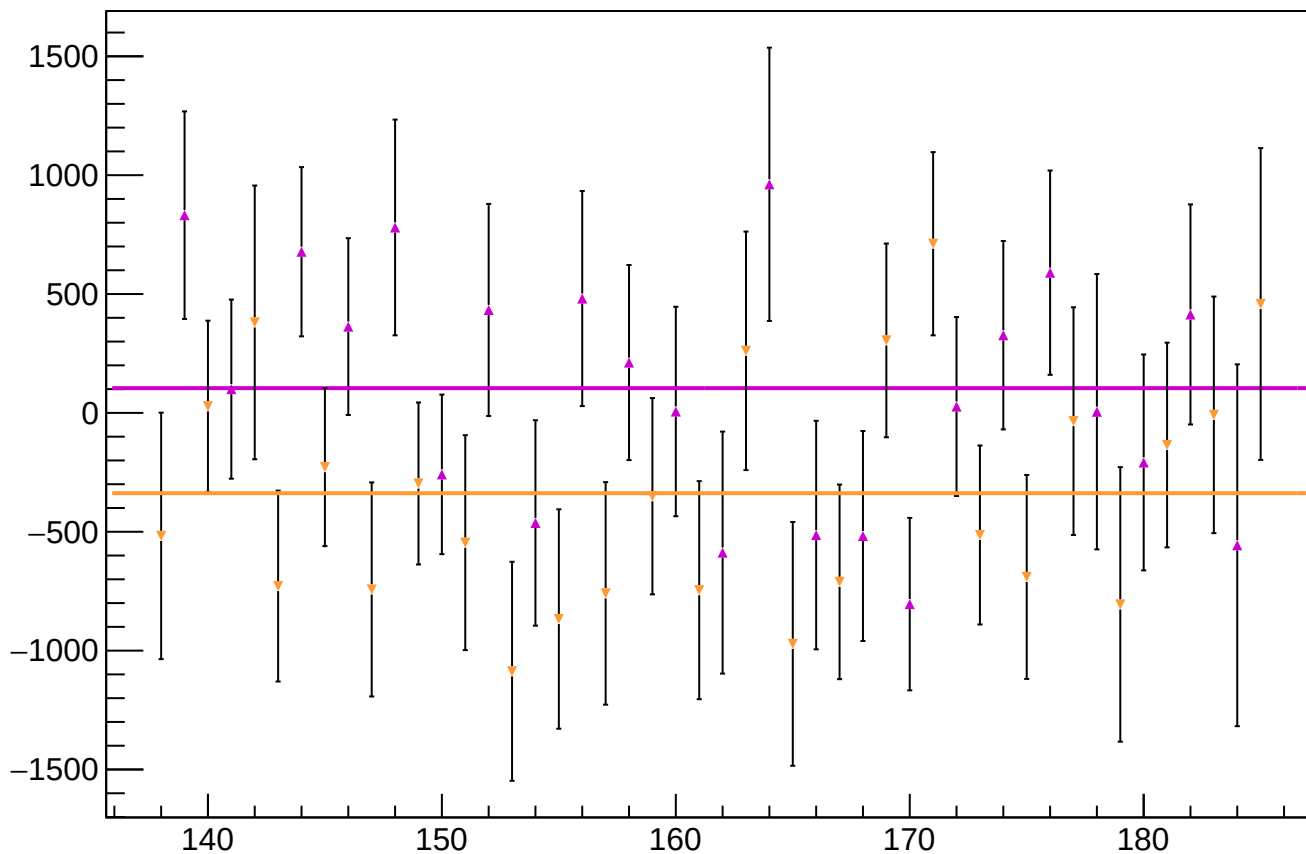
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.700+/-0.065 χ^2/NDF : 447665.1/22

Out: 379.794+/-0.063 χ^2/NDF : 608982.6/24

All: 380.722+/-0.045 χ^2/NDF : 1057090.9/47

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -337.820+/-87.420 χ^2/NDF :28.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 104.117+/-89.613 χ^2/NDF :29.7/22

Left: -122.325+/-62.576 χ^2/NDF : 70.2/47

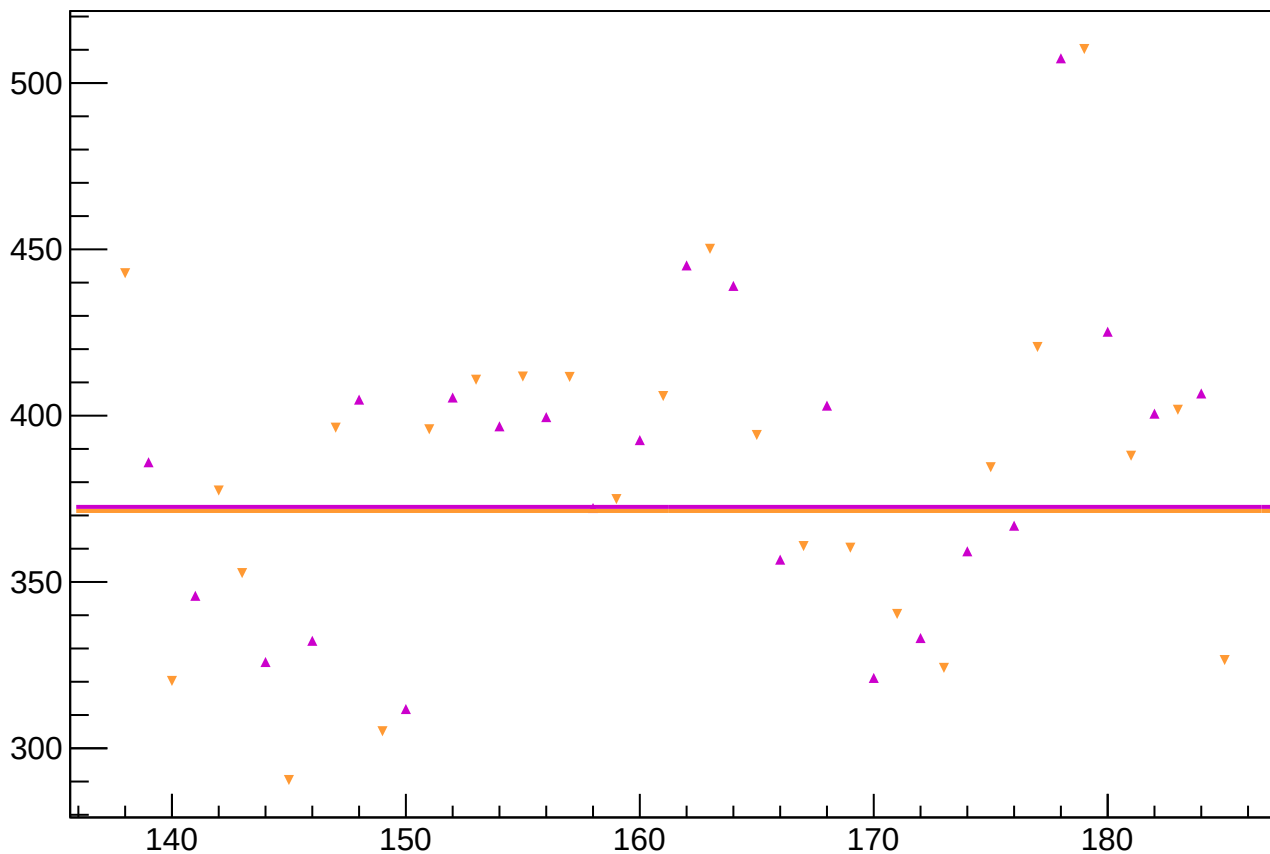
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 104.117+/-89.613 χ^2/NDF :29.7/22

Out: -337.820+/-87.420 χ^2/NDF :28.1/24

All: -122.325+/-62.576 χ^2/NDF : 70.2/47

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.347+/-0.062 χ^2/NDF :604341.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.574+/-0.063 χ^2/NDF :464397.2/22

Left: 371.945+/-0.044 χ^2/NDF : 1068931.1/47

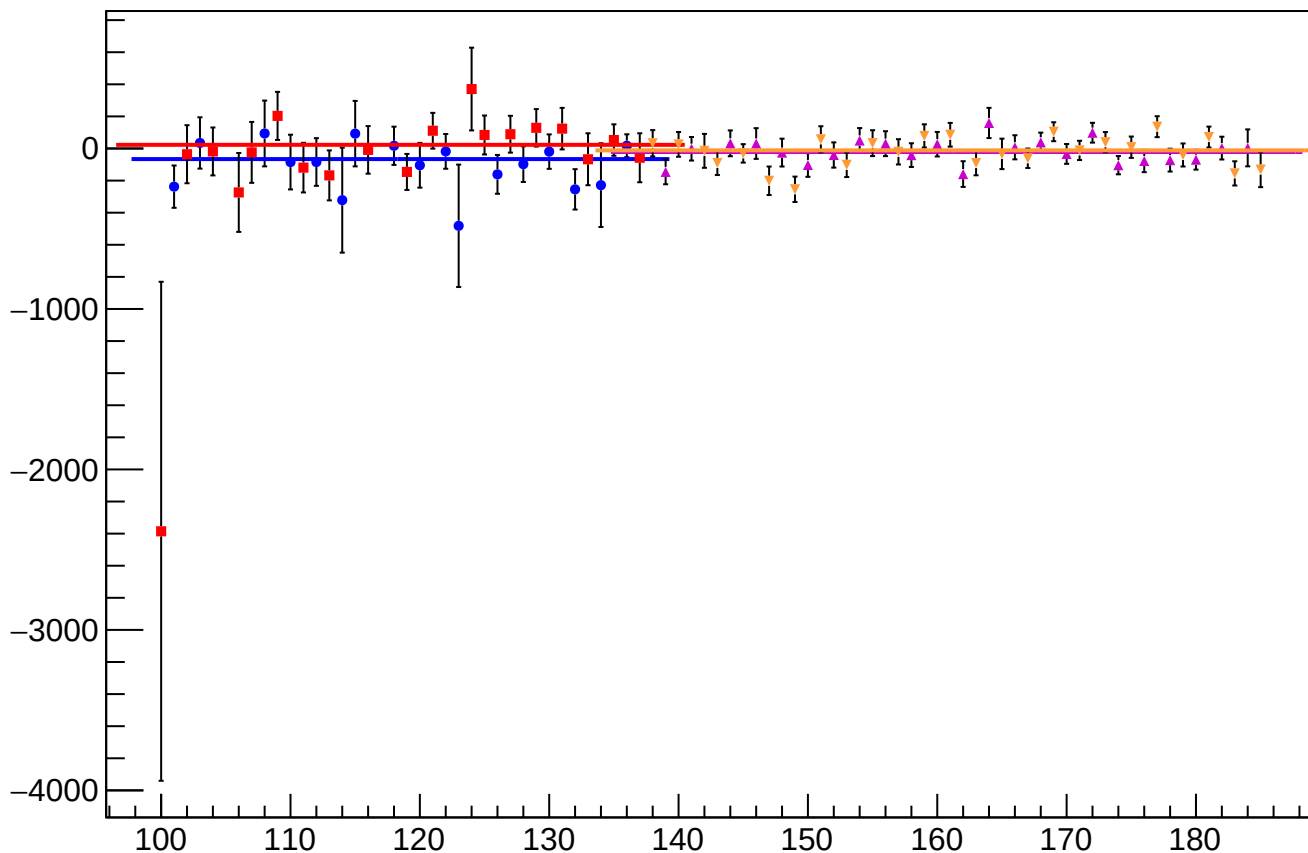
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.574+/-0.063 χ^2/NDF :464397.2/22

Out: 371.347+/-0.062 χ^2/NDF :604341.7/24

All: 371.945+/-0.044 χ^2/NDF : 1068931.1/47

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: -11.582 ± 14.582 χ^2/NDF : 39.5/24

Right Out: 22.908 ± 32.782 χ^2/NDF : 15.3/18

Left In: -21.775 ± 15.300 χ^2/NDF : 22.1/22

Left: -16.434 ± 10.556 χ^2/NDF : 61.8/47

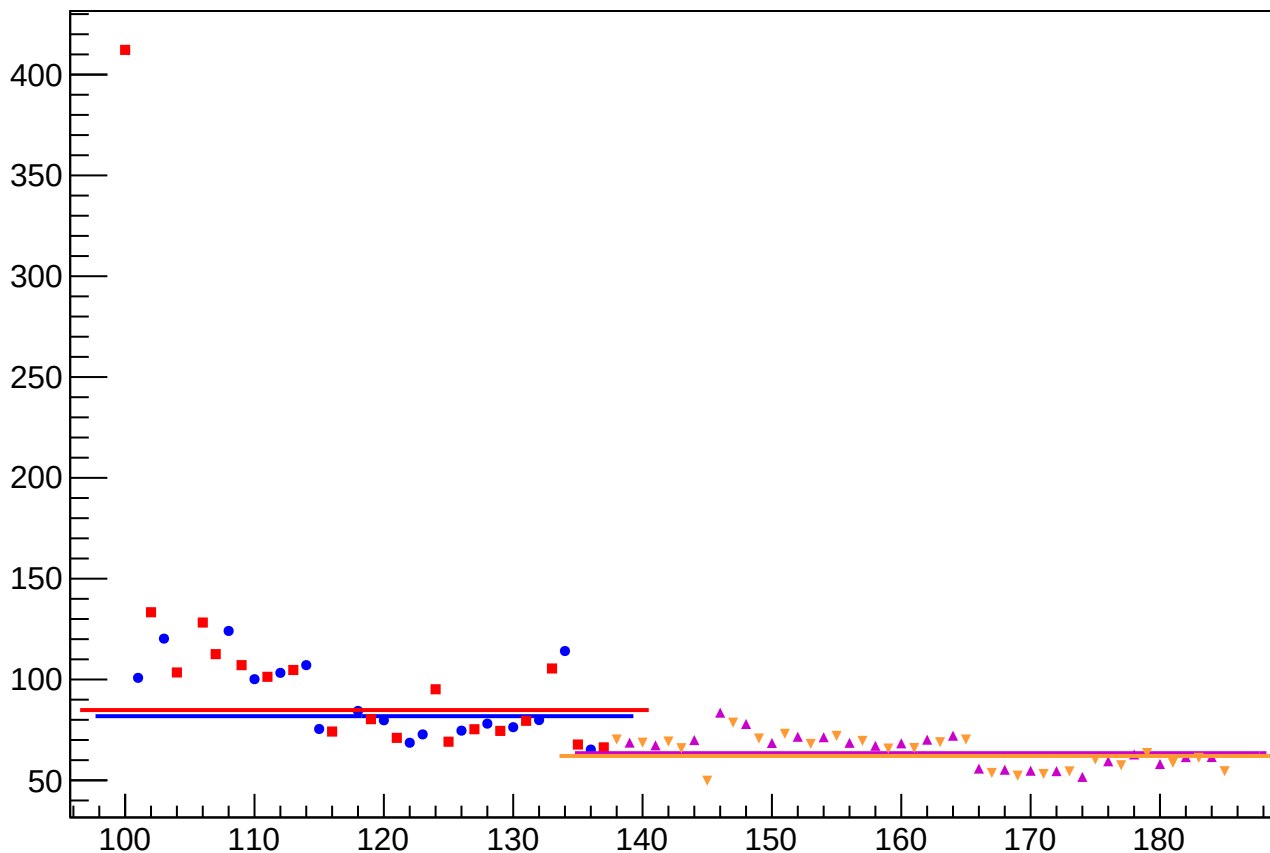
Right: -22.207 ± 23.004 χ^2/NDF : 29.8/35

In: -29.879 ± 13.826 χ^2/NDF : 34.4/39

Out: -5.885 ± 13.324 χ^2/NDF : 55.7/43

All: -17.438 ± 9.594 χ^2/NDF : 91.7/83

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809+/-0.023 χ^2/NDF : 507195.8/16

Left Out: 62.076+/-0.010 χ^2/NDF : 566509.9/24

Right Out: 84.836+/-0.023 χ^2/NDF : 704648.9/18

Left In: 63.450+/-0.011 χ^2/NDF : 524286.3/22

Left: 62.730+/-0.007 χ^2/NDF : 1099242.2/47

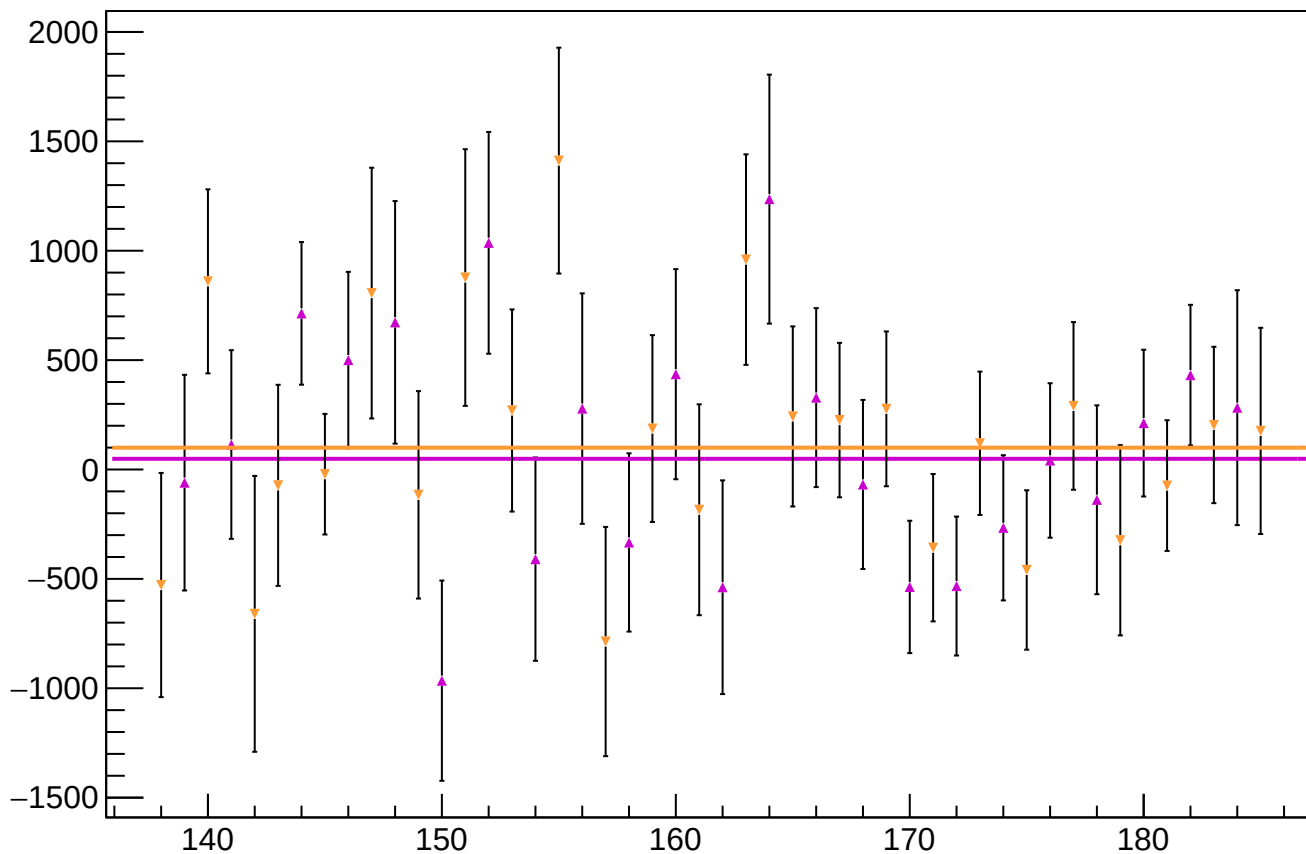
Right: 83.300+/-0.016 χ^2/NDF : 1220504.3/35

In: 66.816+/-0.010 χ^2/NDF : 1559488.3/39

Out: 65.836+/-0.009 χ^2/NDF : 2075948.8/43

All: 66.308+/-0.007 χ^2/NDF : 3640647.3/83

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: 99.734+/-81.740 χ^2/NDF :29.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.861+/-84.251 χ^2/NDF :34.5/22

Left: 75.067+/-58.667 χ^2/NDF : 64.1/47

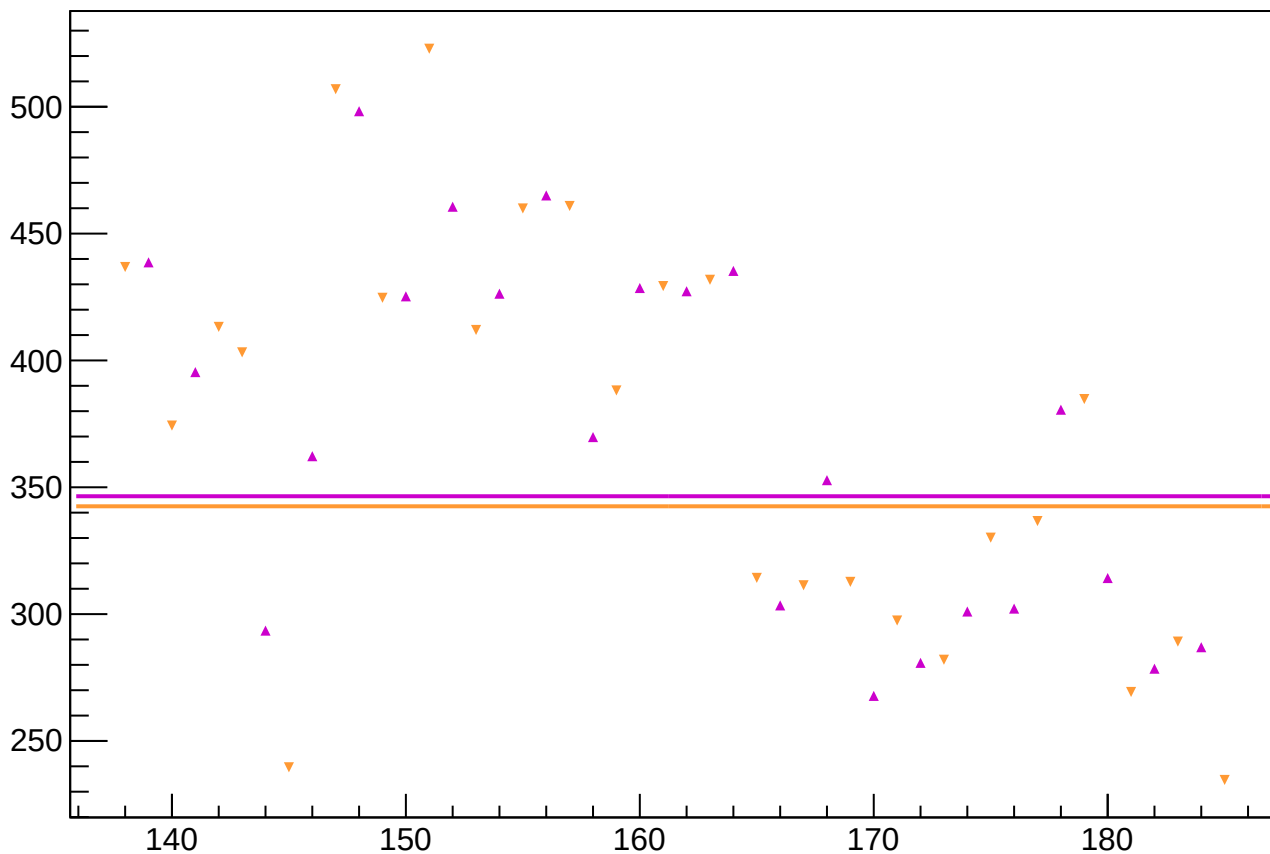
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 48.861+/-84.251 χ^2/NDF :34.5/22

Out: 99.734+/-81.740 χ^2/NDF :29.4/24

All: 75.067+/-58.667 χ^2/NDF : 64.1/47

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: 342.503+/-0.058 χ^2/NDF :1673253.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Left: 344.425+/-0.041 χ^2/NDF : 2924218.0/47

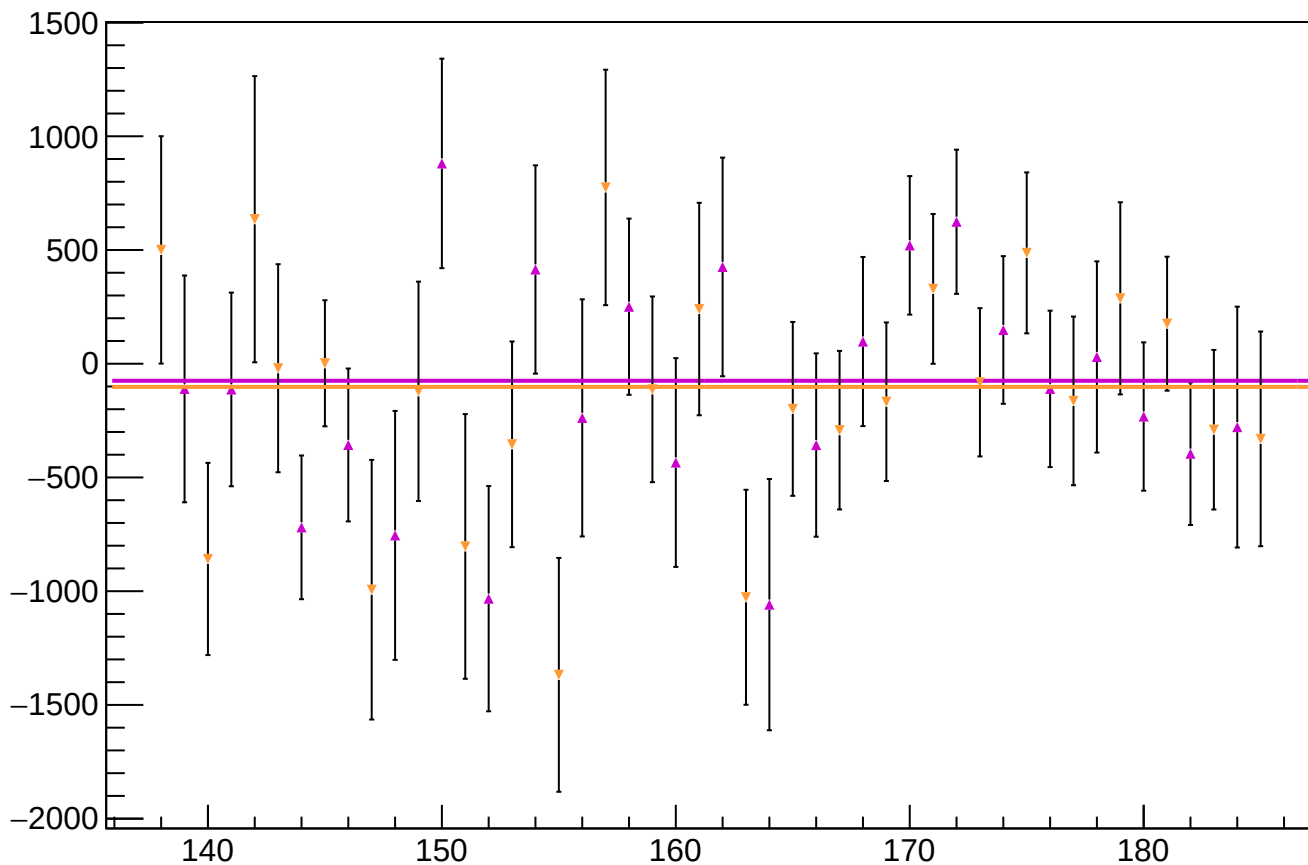
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 346.466+/-0.060 χ^2/NDF :1248685.6/22

Out: 342.503+/-0.058 χ^2/NDF :1673253.4/24

All: 344.425+/-0.041 χ^2/NDF : 2924218.0/47

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -101.921 ± 80.398 $\chi^2/\text{NDF}: 30.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -74.986 ± 81.949 $\chi^2/\text{NDF}: 32.7/22$

Left: -88.711 ± 57.390 $\chi^2/\text{NDF}: 63.6/47$

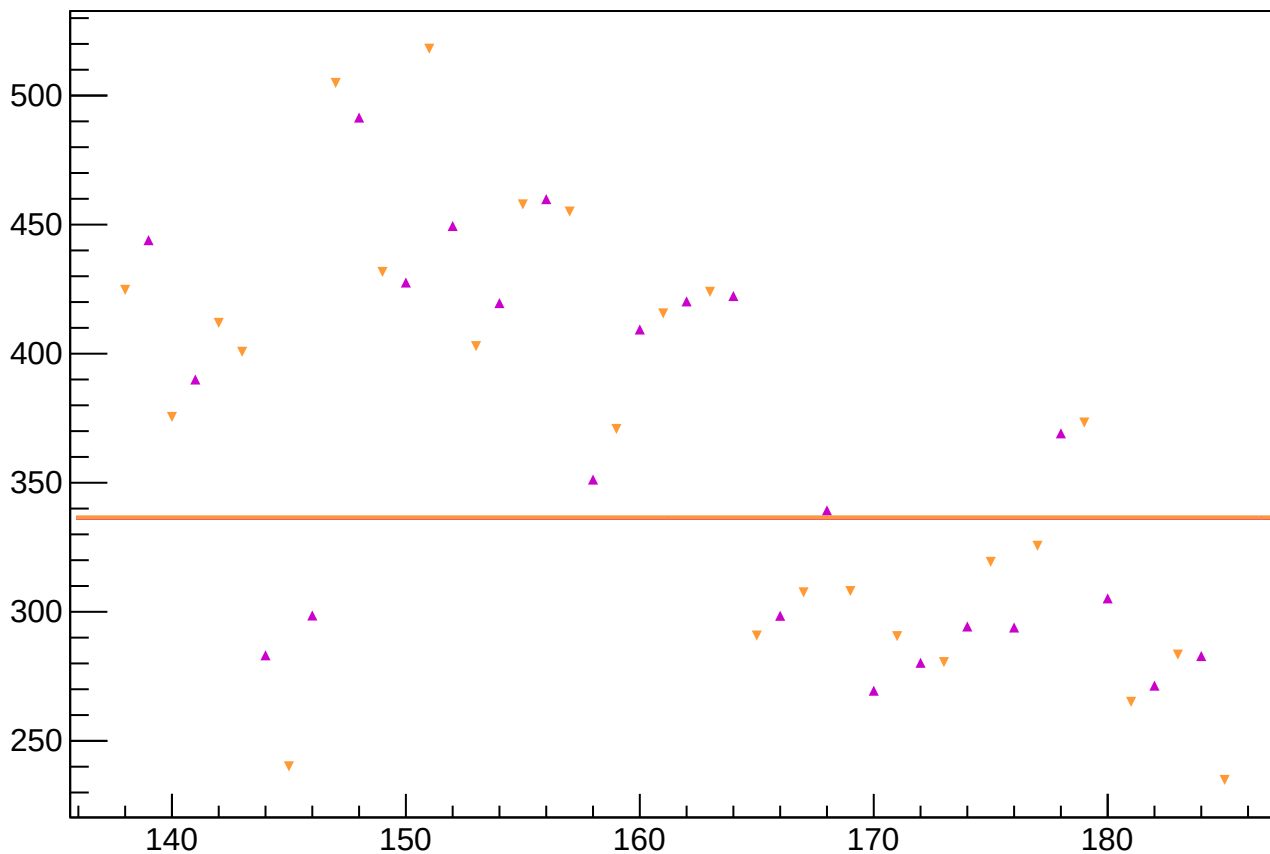
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -74.986 ± 81.949 $\chi^2/\text{NDF}: 32.7/22$

Out: -101.921 ± 80.398 $\chi^2/\text{NDF}: 30.9/24$

All: -88.711 ± 57.390 $\chi^2/\text{NDF}: 63.6/47$

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 336.539+/-0.057 χ^2/NDF :1667309.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Left: 336.469+/-0.041 χ^2/NDF : 2936899.8/47

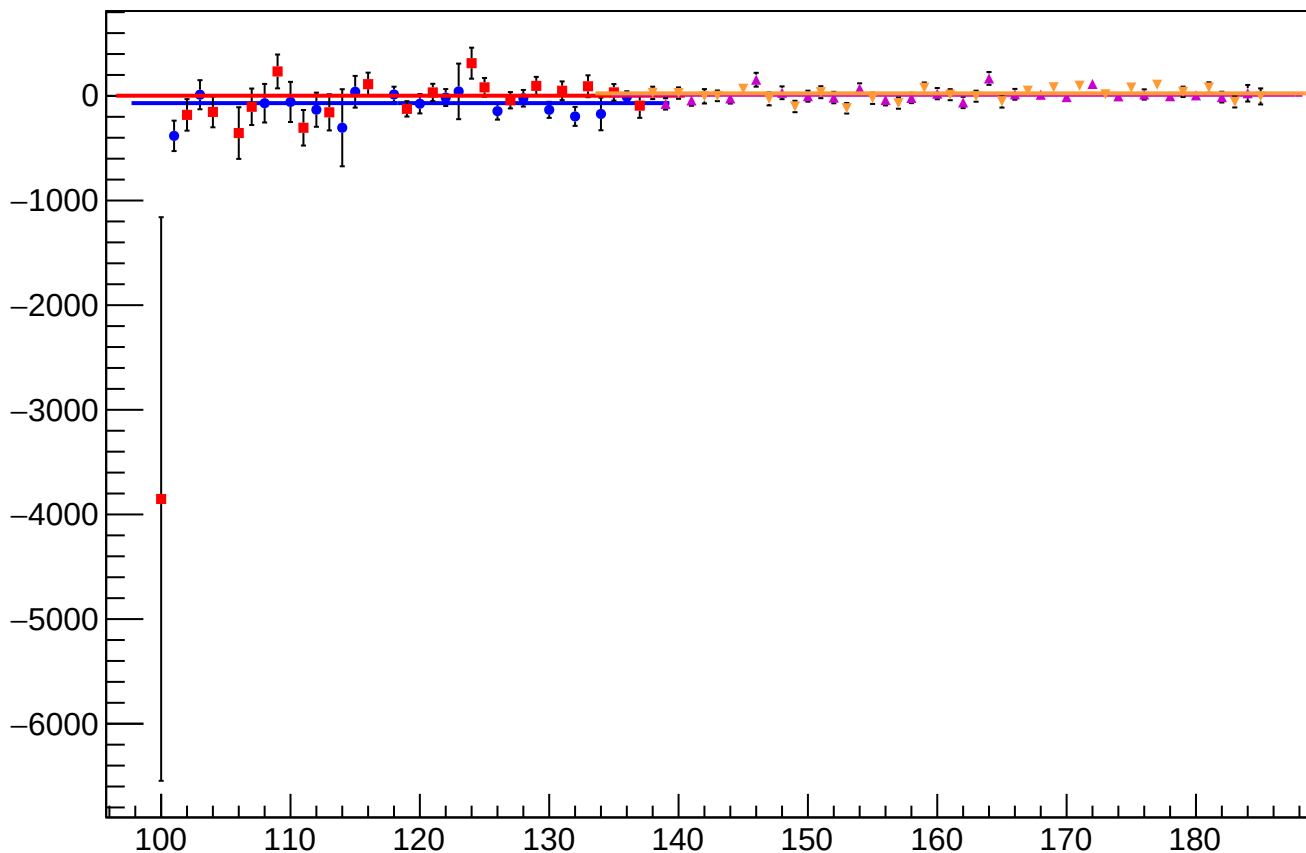
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 336.396+/-0.058 χ^2/NDF :1269587.6/22

Out: 336.539+/-0.057 χ^2/NDF :1667309.1/24

All: 336.469+/-0.041 χ^2/NDF : 2936899.8/47

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 χ^2/NDF : 13.5/16

Left Out: 24.306 ± 10.004 χ^2/NDF : 37.4/24

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 10.652 ± 10.428 χ^2/NDF : 27.8/22

Left: 17.762 ± 7.219 χ^2/NDF : 66.0/47

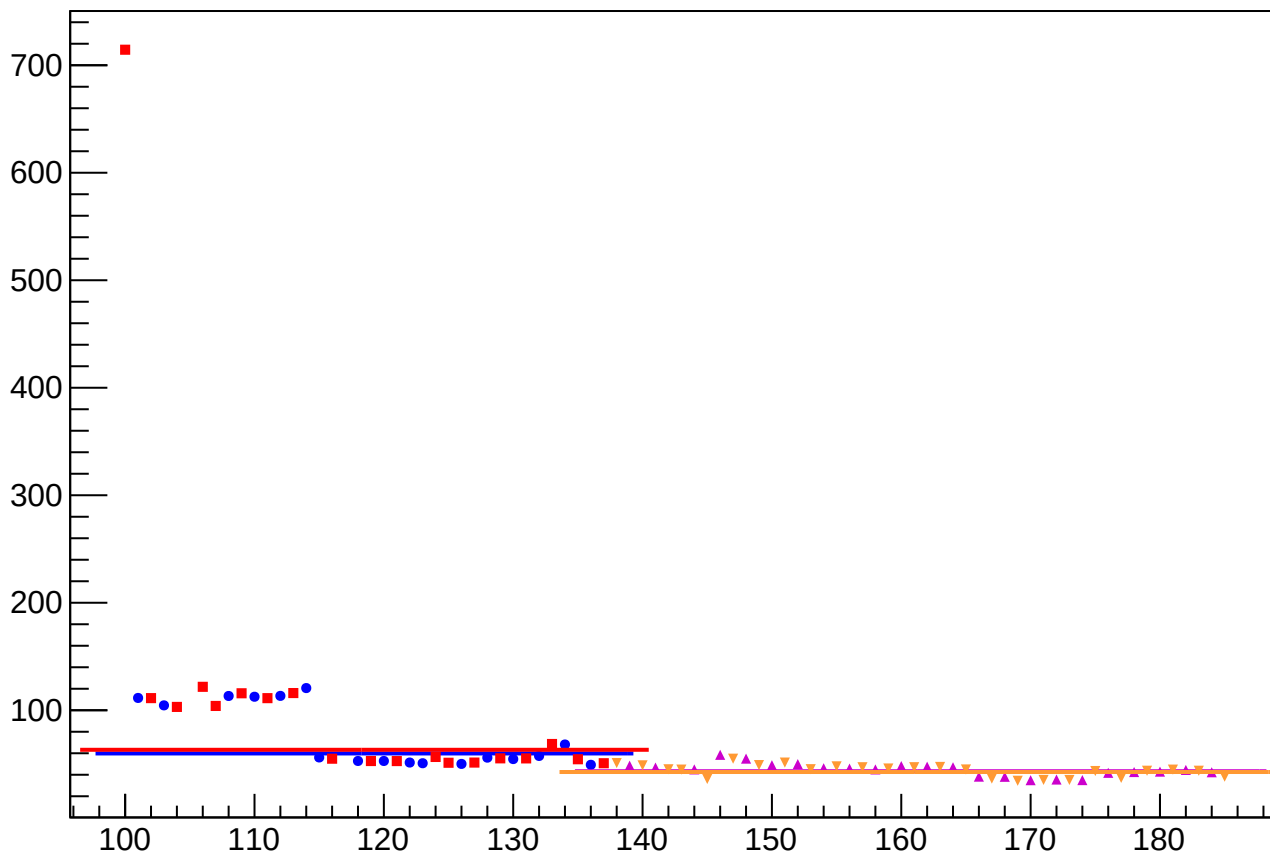
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -1.799 ± 9.580 χ^2/NDF : 50.4/39

Out: 21.231 ± 9.298 χ^2/NDF : 63.9/43

All: 10.061 ± 6.672 χ^2/NDF : 117.3/83

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: 42.560 $\pm$ 0.007 χ^2 /NDF: 669225.6/24

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.291 $\pm$ 0.007 χ^2 /NDF: 617612.6/22

Left: 42.910 $\pm$ 0.005 χ^2 /NDF: 1291956.5/47

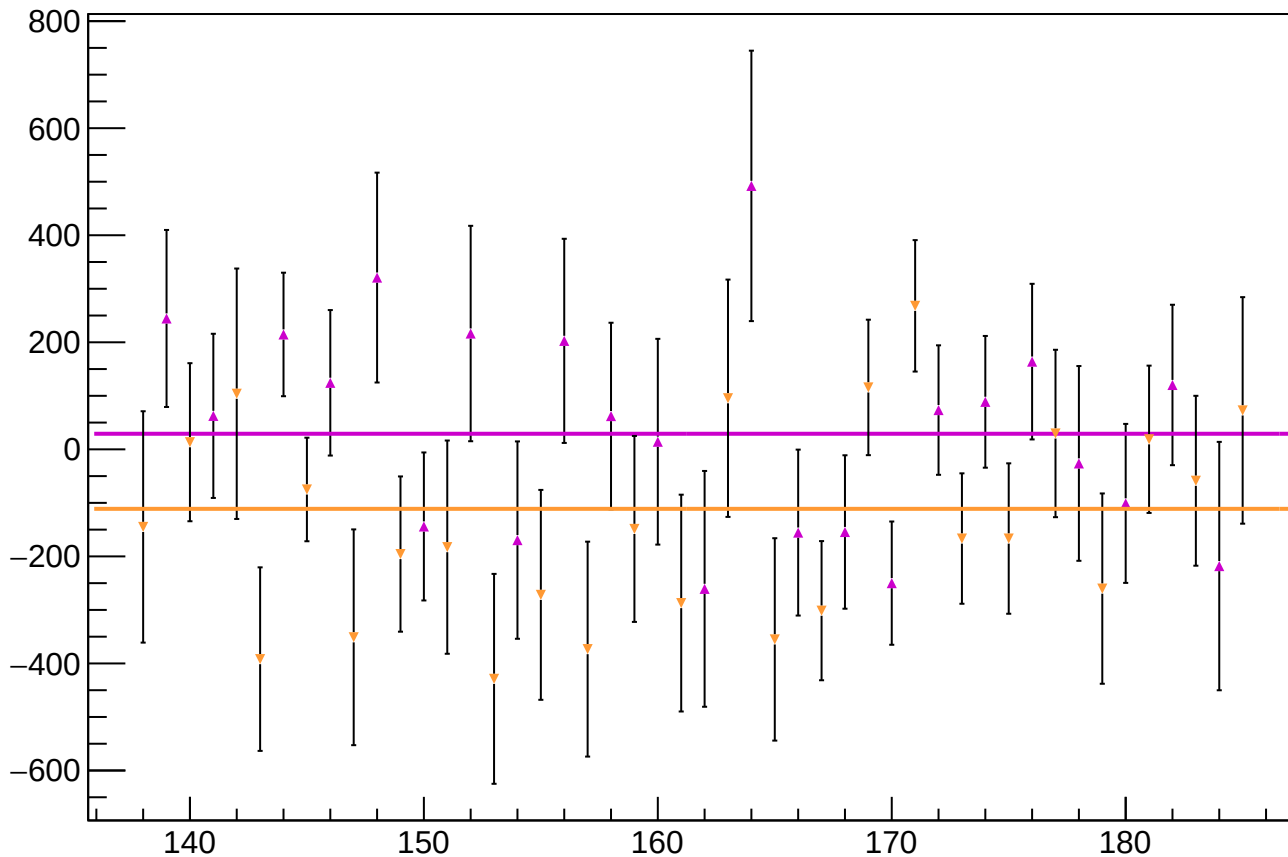
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 45.867 $\pm$ 0.007 χ^2 /NDF: 2630187.5/39

Out: 45.376 $\pm$ 0.007 χ^2 /NDF: 3336224.3/43

All: 45.614 $\pm$ 0.005 χ^2 /NDF: 5969116.7/83

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -111.148 $\pm$ 31.625 χ^2 /NDF:33.2/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 29.116 $\pm$ 32.434 χ^2 /NDF:29.1/22

Left: -42.787 $\pm$ 22.643 χ^2 /NDF: 71.9/47

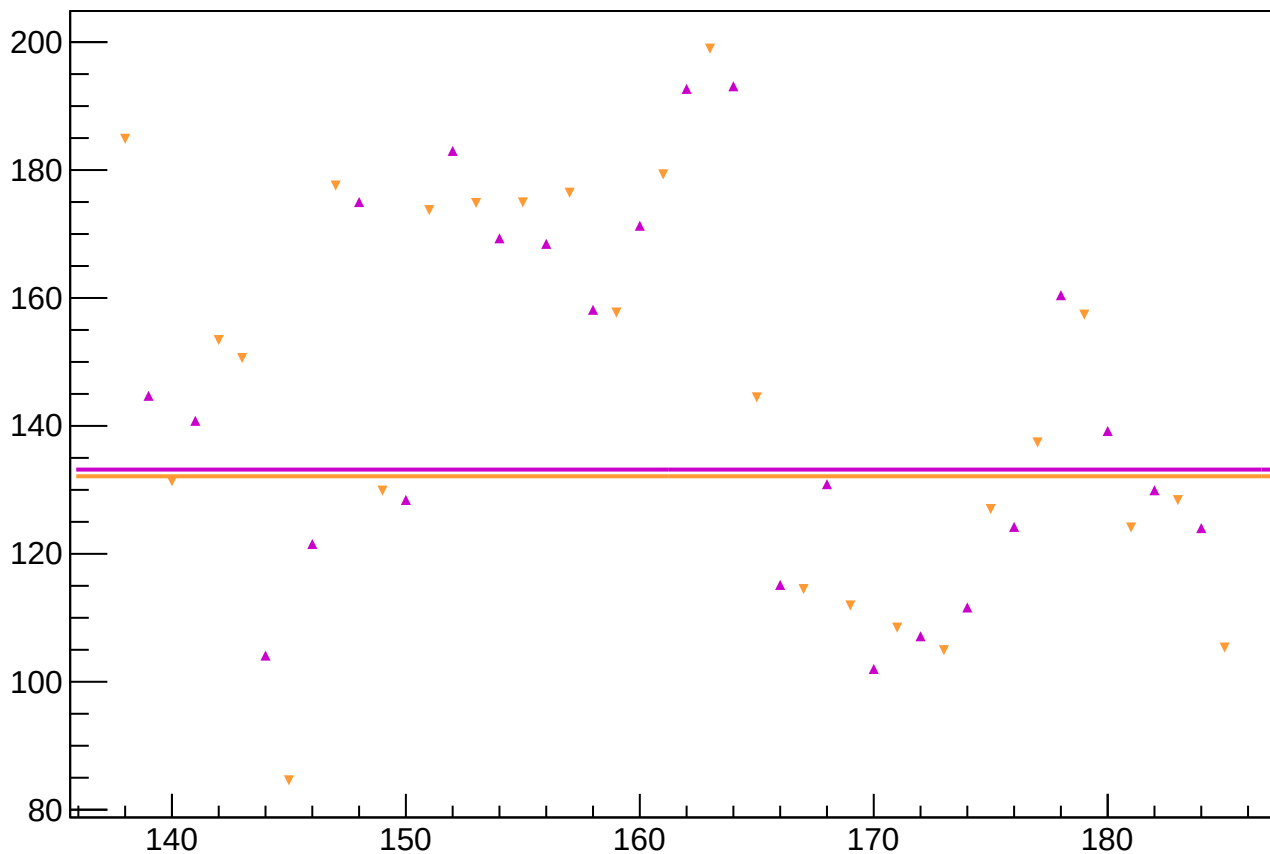
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 29.116 $\pm$ 32.434 χ^2 /NDF:29.1/22

Out: -111.148 $\pm$ 31.625 χ^2 /NDF:33.2/24

All: -42.787 $\pm$ 22.643 χ^2 /NDF: 71.9/47

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: 132.126+/-0.022 χ^2/NDF :1808672.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Left: 132.637+/-0.016 χ^2/NDF : 3093868.8/47

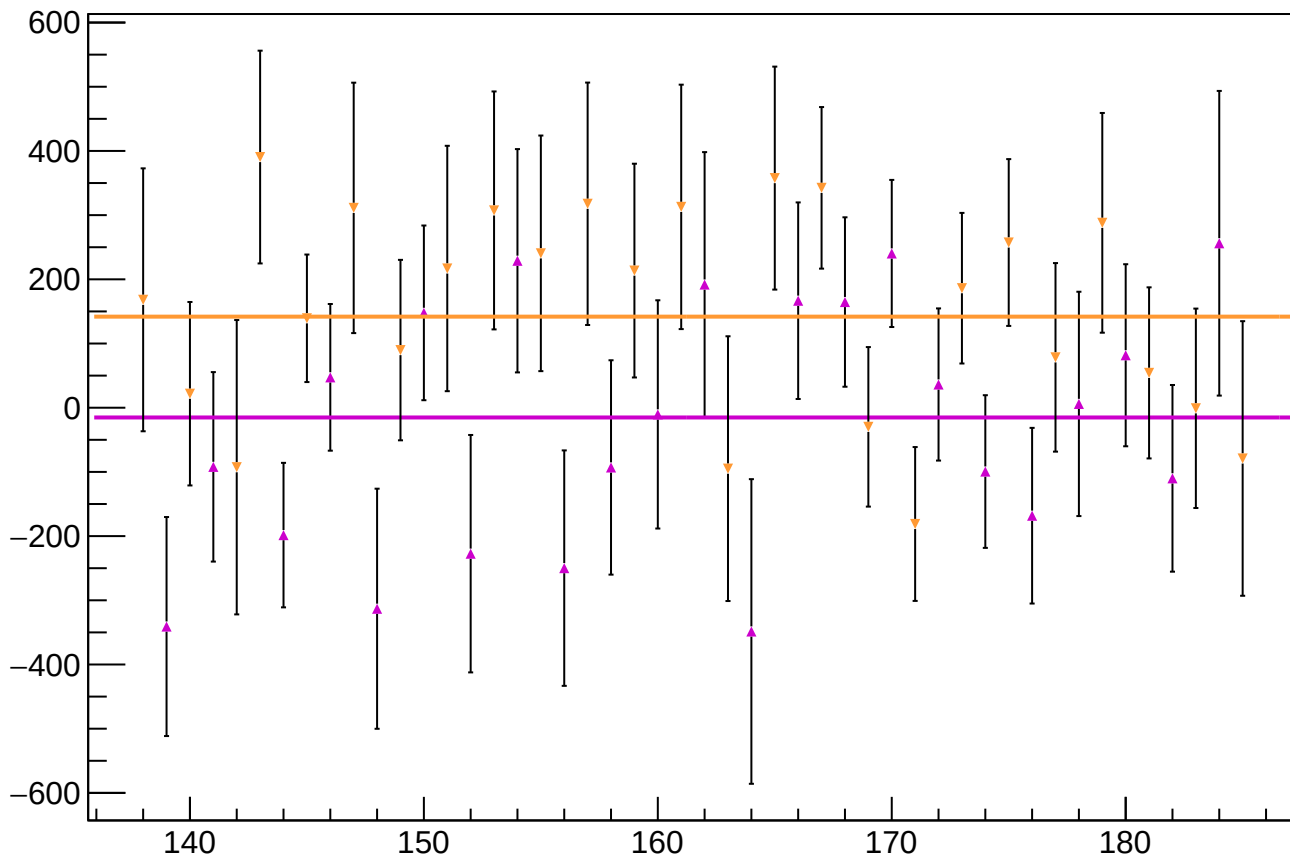
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.174+/-0.023 χ^2/NDF :1284125.1/22

Out: 132.126+/-0.022 χ^2/NDF :1808672.7/24

All: 132.637+/-0.016 χ^2/NDF : 3093868.8/47

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 141.870 $\pm$ 30.561 χ^2 /NDF:26.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Left: 64.539 $\pm$ 21.775 χ^2 /NDF: 71.1/47

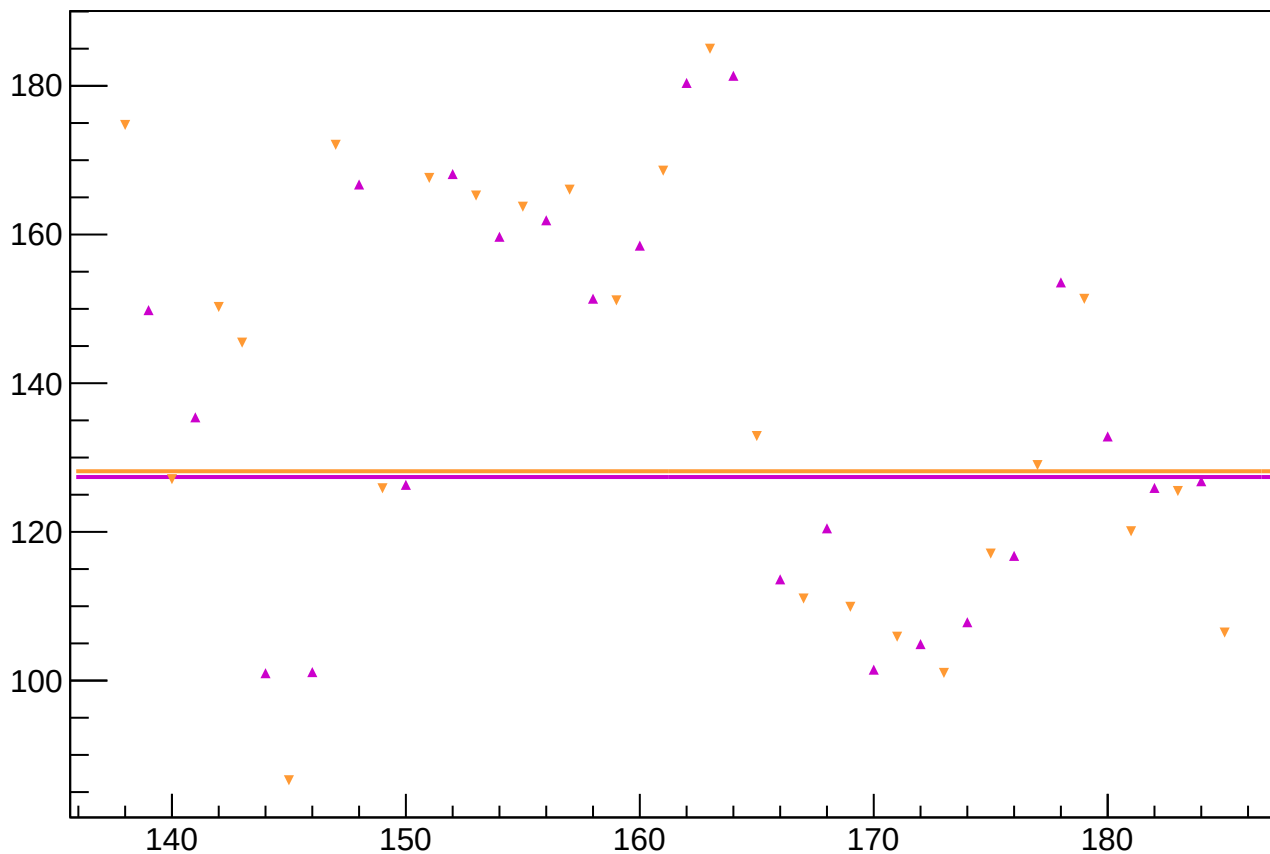
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.199 $\pm$ 31.033 χ^2 /NDF:31.4/22

Out: 141.870 $\pm$ 30.561 χ^2 /NDF:26.8/24

All: 64.539 $\pm$ 21.775 χ^2 /NDF: 71.1/47

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.158+/-0.022 χ^2/NDF :1534814.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Left: 127.775+/-0.015 χ^2/NDF : 2765352.6/47

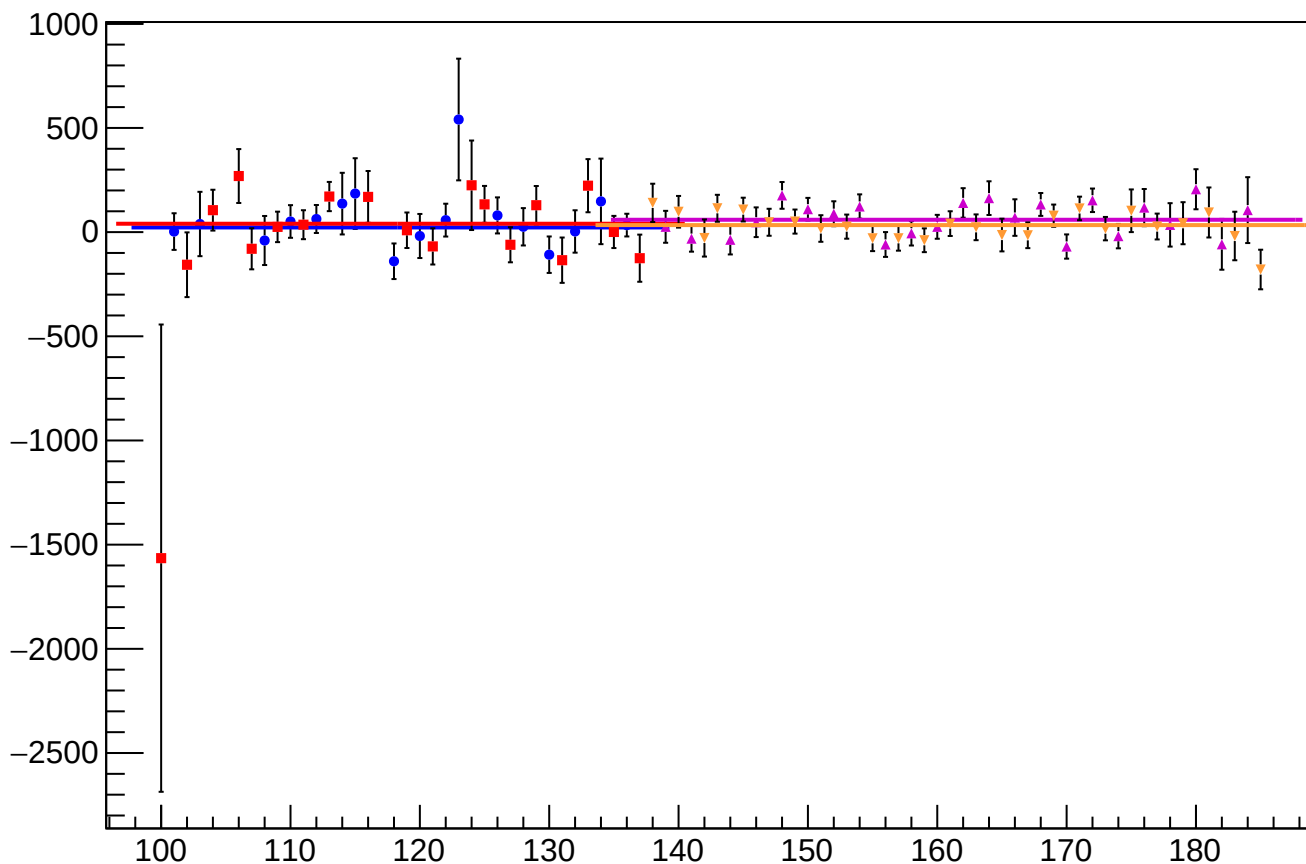
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.380+/-0.022 χ^2/NDF :1229899.0/22

Out: 128.158+/-0.022 χ^2/NDF :1534814.0/24

All: 127.775+/-0.015 χ^2/NDF : 2765352.6/47

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: 33.669 $\pm$ 13.411 χ^2 /NDF:19.6/24

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 59.288 $\pm$ 14.130 χ^2 /NDF:33.4/22

Left: 45.810 $\pm$ 9.727 χ^2 /NDF: 54.7/47

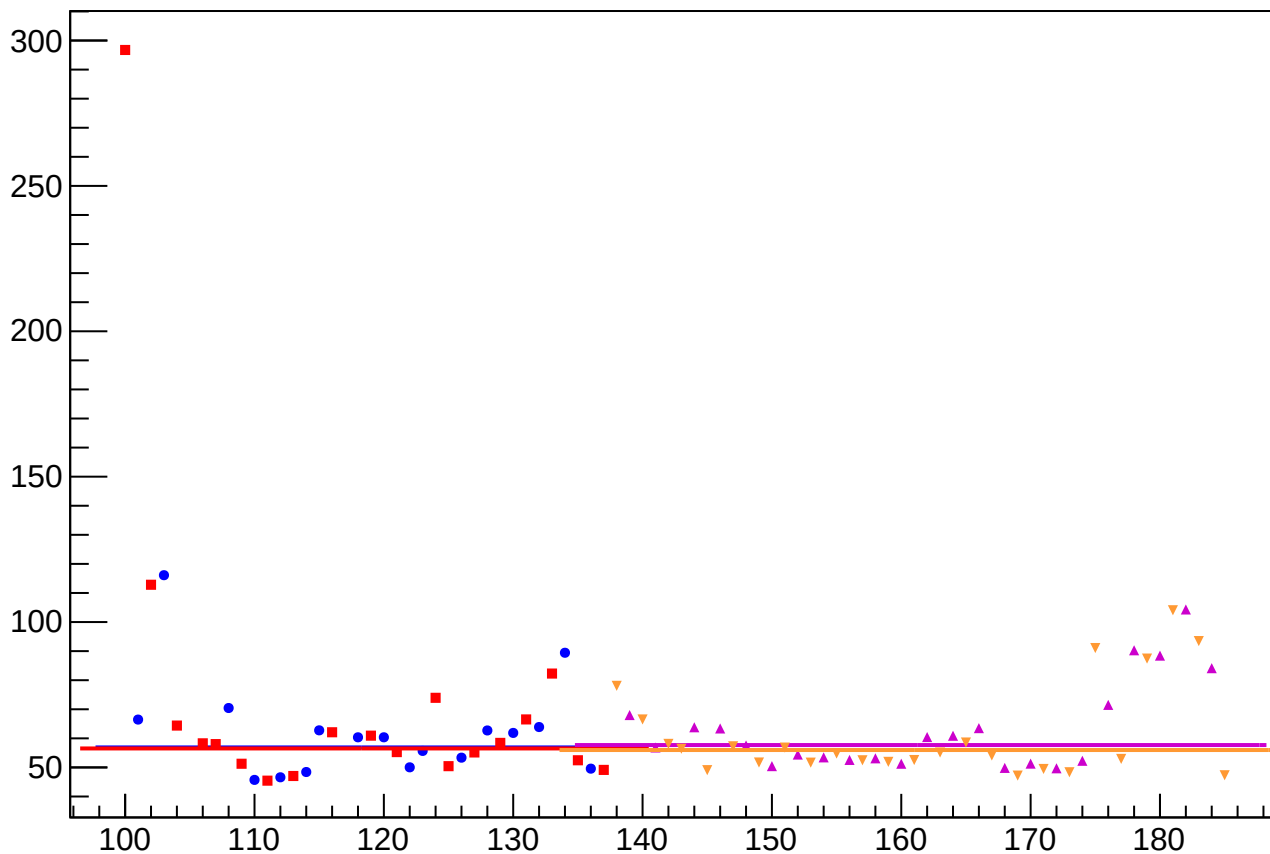
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 48.927 $\pm$ 11.985 χ^2 /NDF:47.9/39

Out: 35.434 $\pm$ 11.469 χ^2 /NDF:46.0/43

All: 41.884 $\pm$ 8.286 χ^2 /NDF: 94.5/83

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected

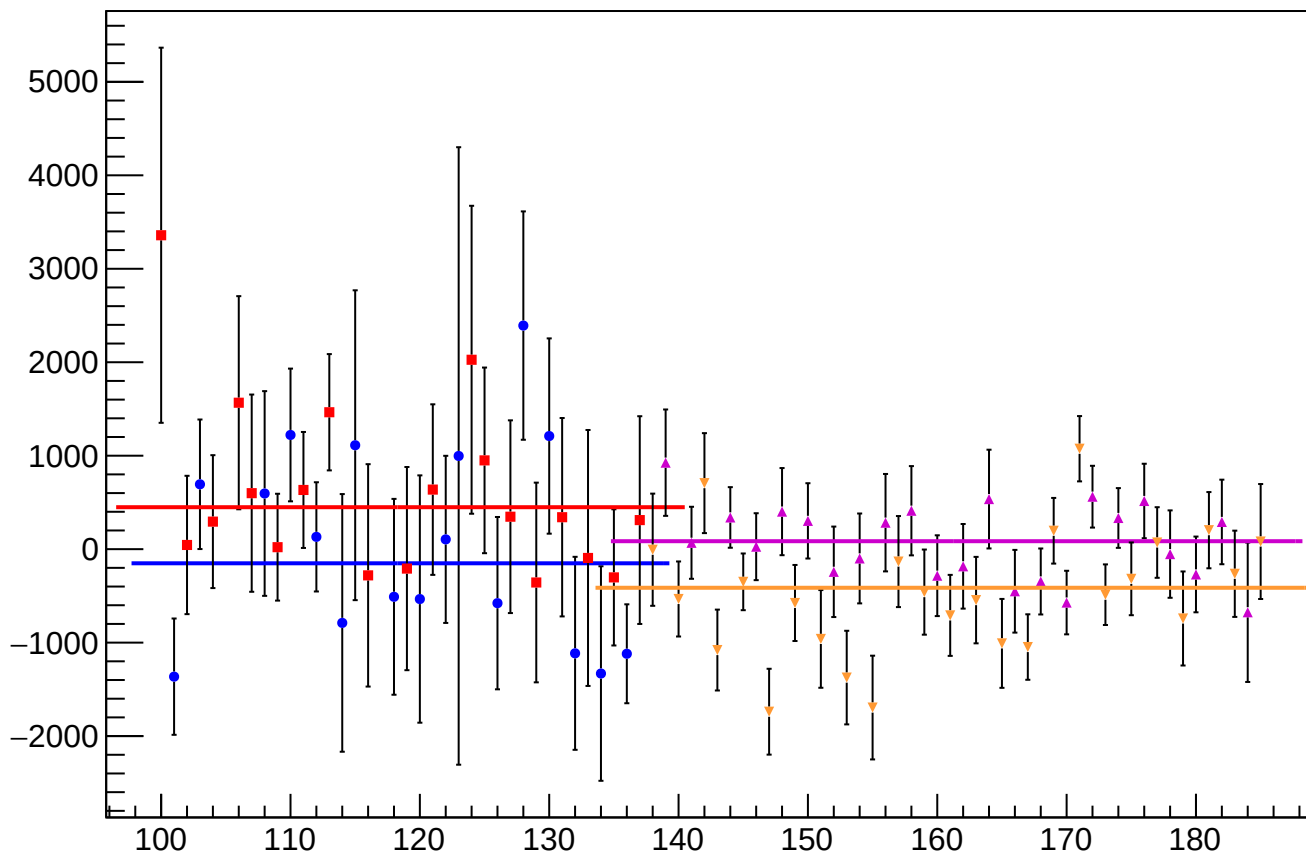


Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16
 Left Out: 55.984 $\pm$ 0.009 χ^2 /NDF:1333084.1/24
 Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18
 Left In: 57.698 $\pm$ 0.010 χ^2 /NDF:1102960.9/22

Left: 56.796 $\pm$ 0.007 χ^2 /NDF: 2451531.1/47
 Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35
 In: 57.468 $\pm$ 0.008 χ^2 /NDF:1680336.1/39
 Out: 56.130 $\pm$ 0.008 χ^2 /NDF:1946240.0/43

All: 56.770 $\pm$ 0.006 χ^2 /NDF: 3639592.8/83

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -413.056+/-84.913 χ^2/NDF : 58.1/24

Right Out: 448.932+/-203.999 χ^2/NDF : 10.5/18

Left In: 85.183+/-86.793 χ^2/NDF : 19.2/22

Left: -169.388+/-60.696 χ^2/NDF : 94.1/47

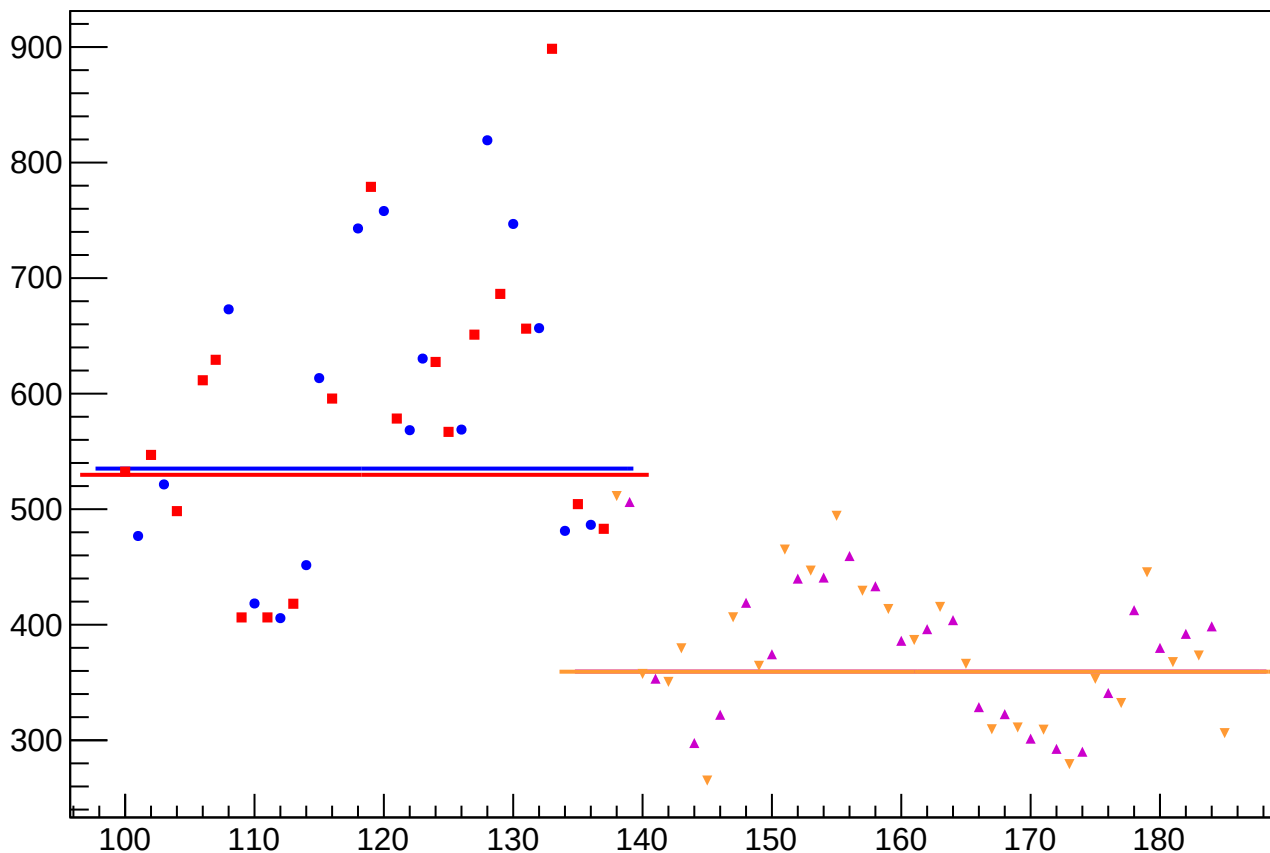
Right: 161.039+/-147.145 χ^2/NDF : 37.1/35

In: 51.374+/-80.346 χ^2/NDF : 42.7/39

Out: -285.763+/-78.393 χ^2/NDF : 83.8/43

All: -121.341+/-56.110 χ^2/NDF : 135.6/83

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: 359.346 $\pm$ 0.060 χ^2 /NDF: 1044331.7/24

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 359.485 $\pm$ 0.061 χ^2 /NDF: 849465.2/22

Left: 359.414 $\pm$ 0.043 χ^2 /NDF: 1893799.5/47

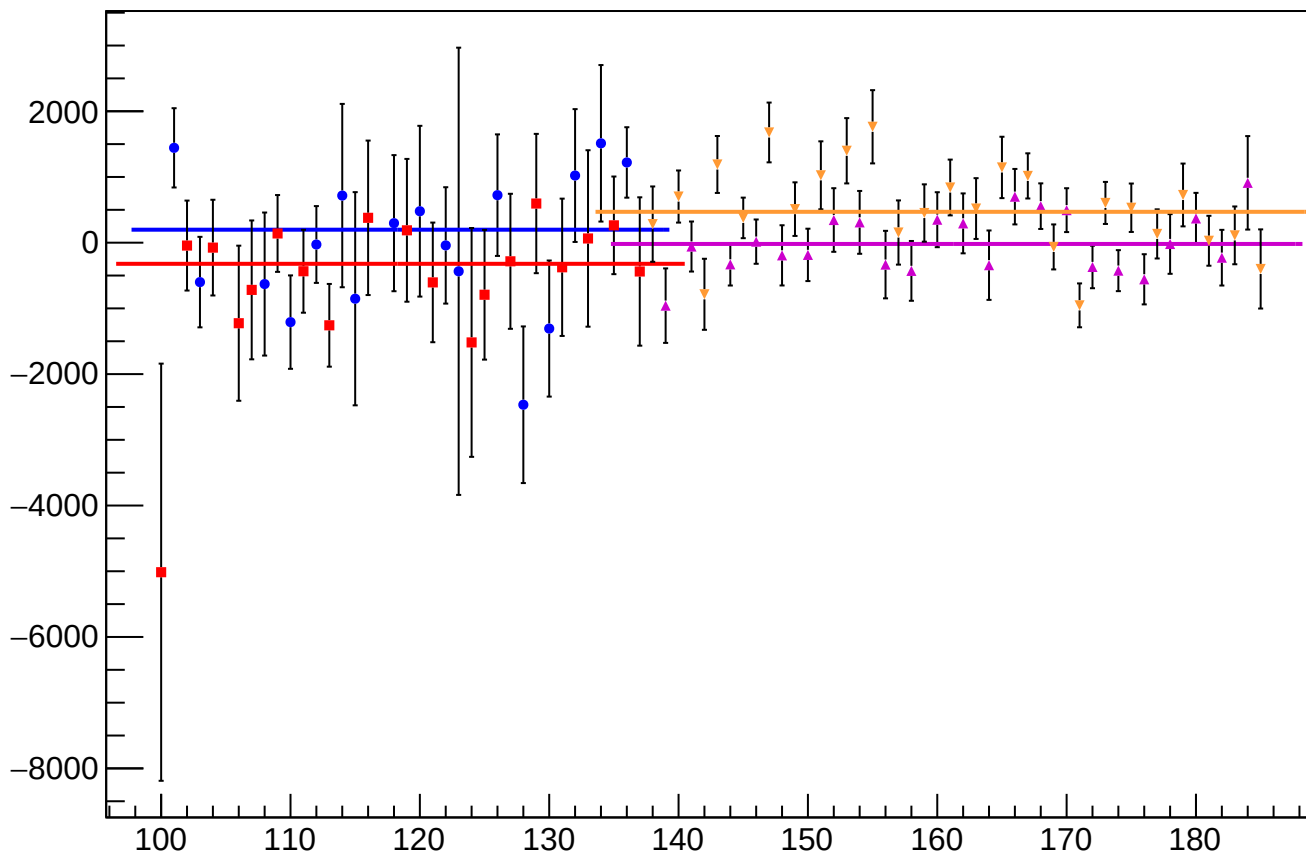
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 384.608 $\pm$ 0.057 χ^2 /NDF: 2617210.5/39

Out: 384.510 $\pm$ 0.055 χ^2 /NDF: 2880463.7/43

All: 384.558 $\pm$ 0.040 χ^2 /NDF: 5497675.7/83

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 469.846 $\pm$ 83.258 χ^2 /NDF:57.6/24

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -19.328 $\pm$ 84.679 χ^2 /NDF:23.7/22

Left: 229.399 $\pm$ 59.368 χ^2 /NDF: 98.3/47

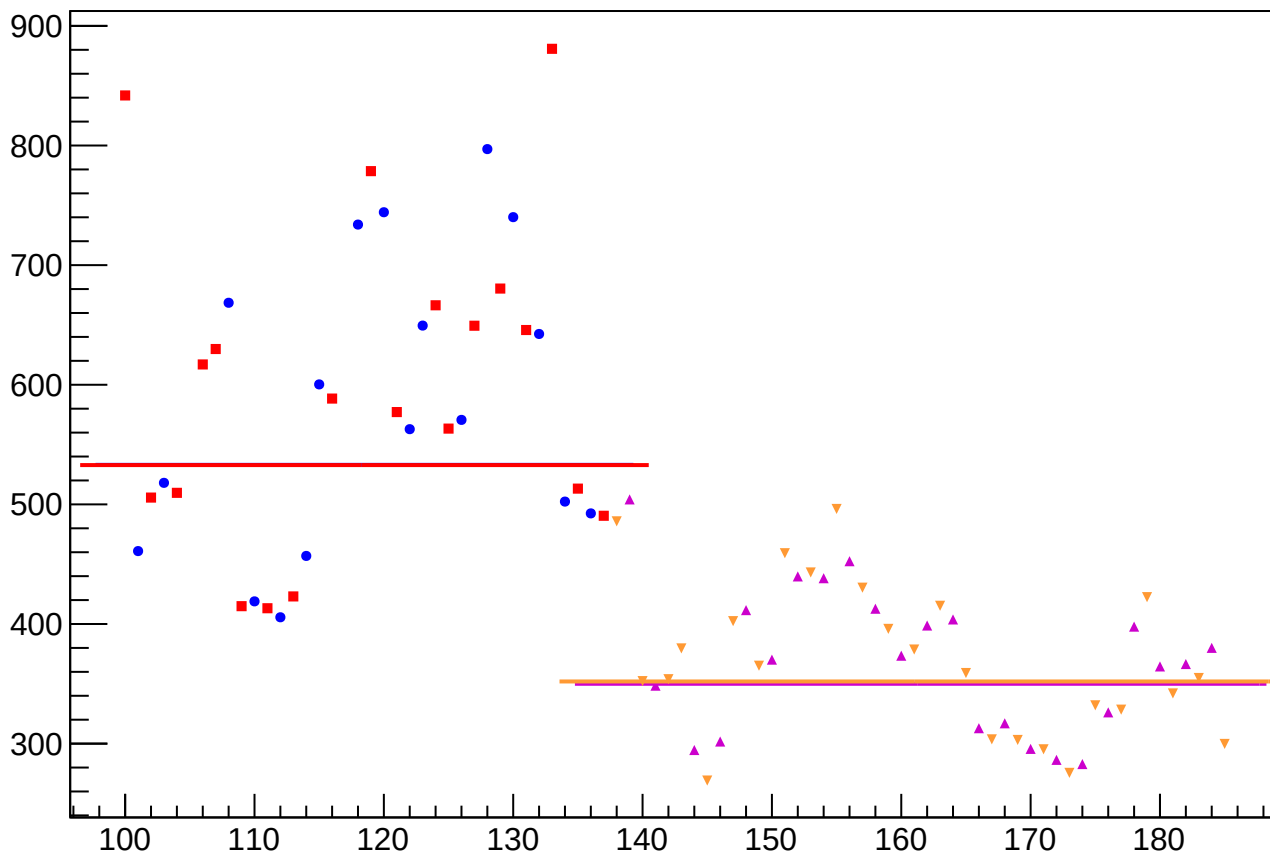
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: 10.641 $\pm$ 78.612 χ^2 /NDF:48.5/39

Out: 358.040 $\pm$ 77.153 χ^2 /NDF:79.3/43

All: 187.593 $\pm$ 55.064 χ^2 /NDF: 137.7/83

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 351.966 $\pm$ 0.059 χ^2 /NDF:1018824.6/24

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 350.037 $\pm$ 0.060 χ^2 /NDF:889435.7/22

Left: 351.018 $\pm$ 0.042 χ^2 /NDF: 1908787.8/47

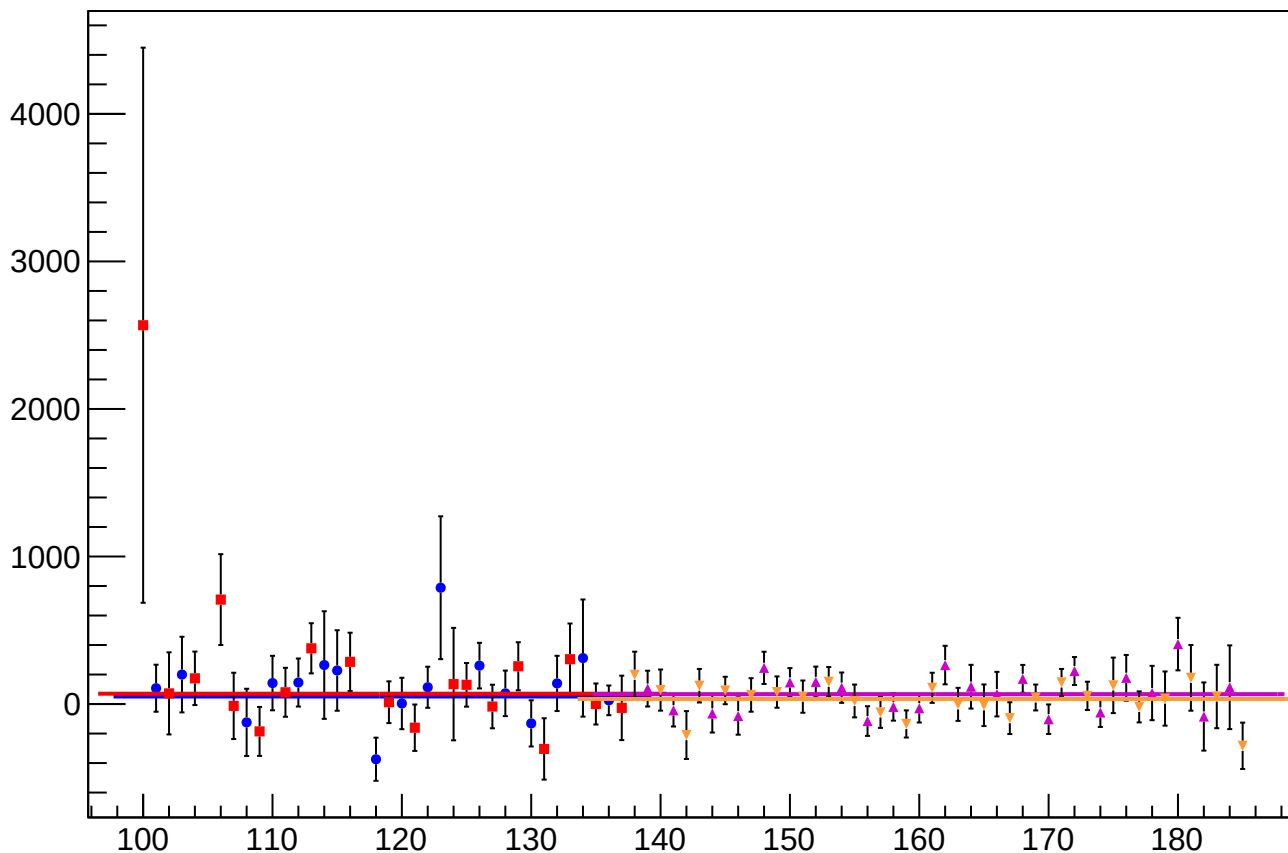
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 375.323 $\pm$ 0.056 χ^2 /NDF:2746868.6/39

Out: 377.521 $\pm$ 0.055 χ^2 /NDF:2969520.3/43

All: 376.442 $\pm$ 0.039 χ^2 /NDF: 5717185.4/83

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 34.461 $\pm$ 23.162 χ^2 /NDF:19.1/24

Right Out: 70.072 $\pm$ 42.792 χ^2 /NDF: 22.1/18

Left In: 67.000 $\pm$ 24.395 χ^2 /NDF:28.2/22

Left: 49.887 $\pm$ 16.797 χ^2 /NDF: 48.3/47

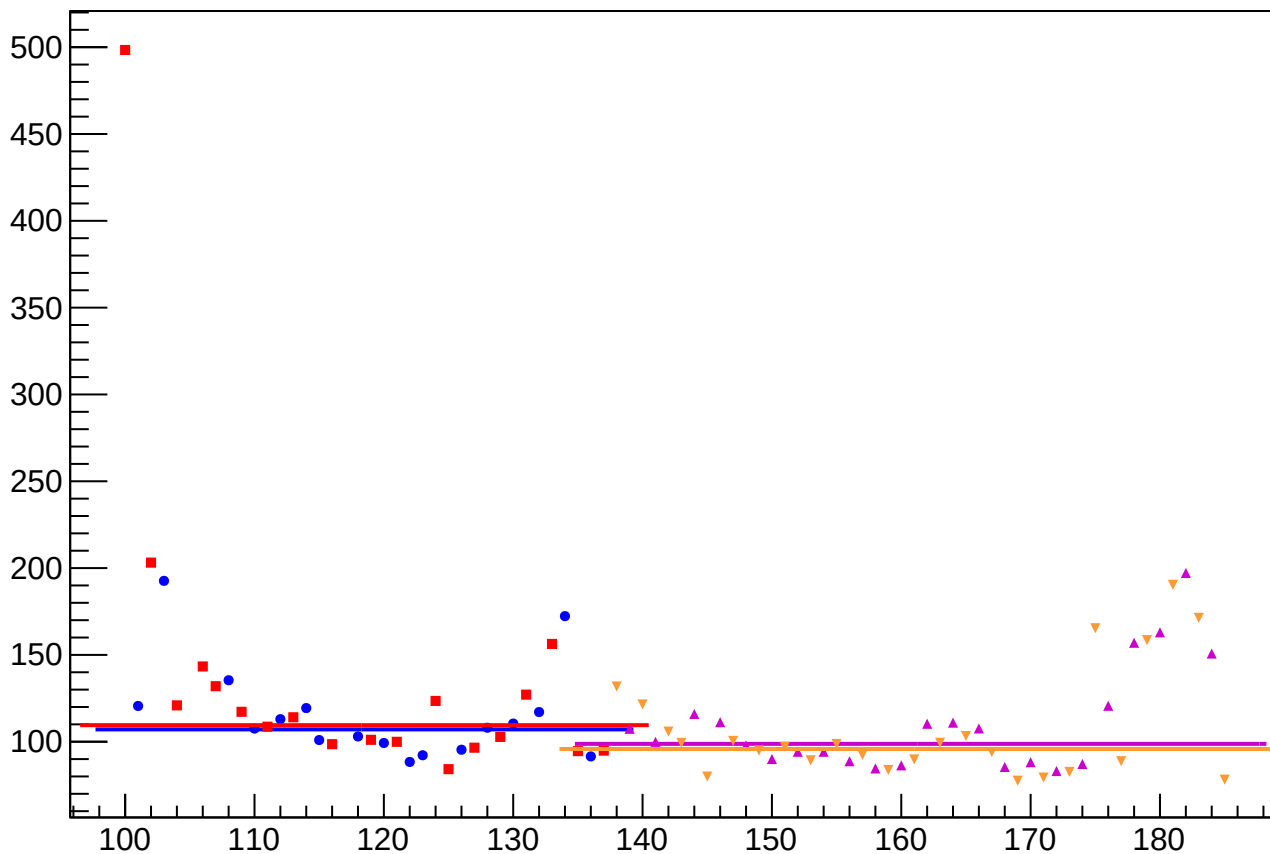
Right: 60.535 $\pm$ 30.125 χ^2 /NDF: 39.6/35

In: 63.064 $\pm$ 21.147 χ^2 /NDF:45.7/39

Out: 42.530 $\pm$ 20.370 χ^2 /NDF:41.8/43

All: 52.413 $\pm$ 14.671 χ^2 /NDF: 88.0/83

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.820 $\pm$ 0.016 χ^2 /NDF:1644147.8/24

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 98.763 $\pm$ 0.017 χ^2 /NDF:1299339.3/22

Left: 97.215 $\pm$ 0.012 χ^2 /NDF: 2958793.4/47

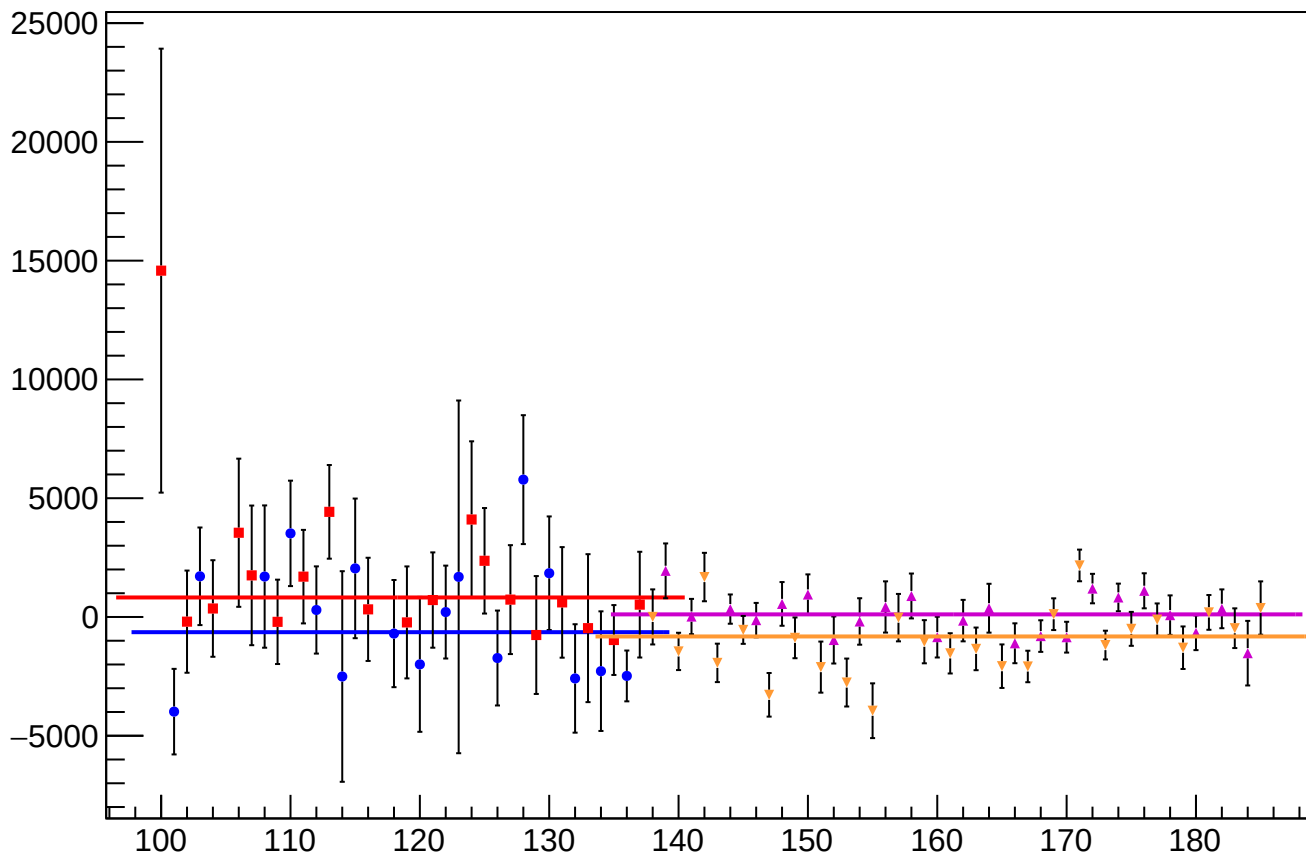
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.834 $\pm$ 0.015 χ^2 /NDF:1795065.0/39

Out: 98.927 $\pm$ 0.014 χ^2 /NDF:2394451.4/43

All: 99.845 $\pm$ 0.010 χ^2 /NDF: 4197953.4/83

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: -820.042 $\pm$ 162.442 χ^2 /NDF:63.4/24

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 109.724 $\pm$ 166.318 χ^2 /NDF:22.6/22

Left: -366.120 $\pm$ 116.210 χ^2 /NDF: 102.0/47

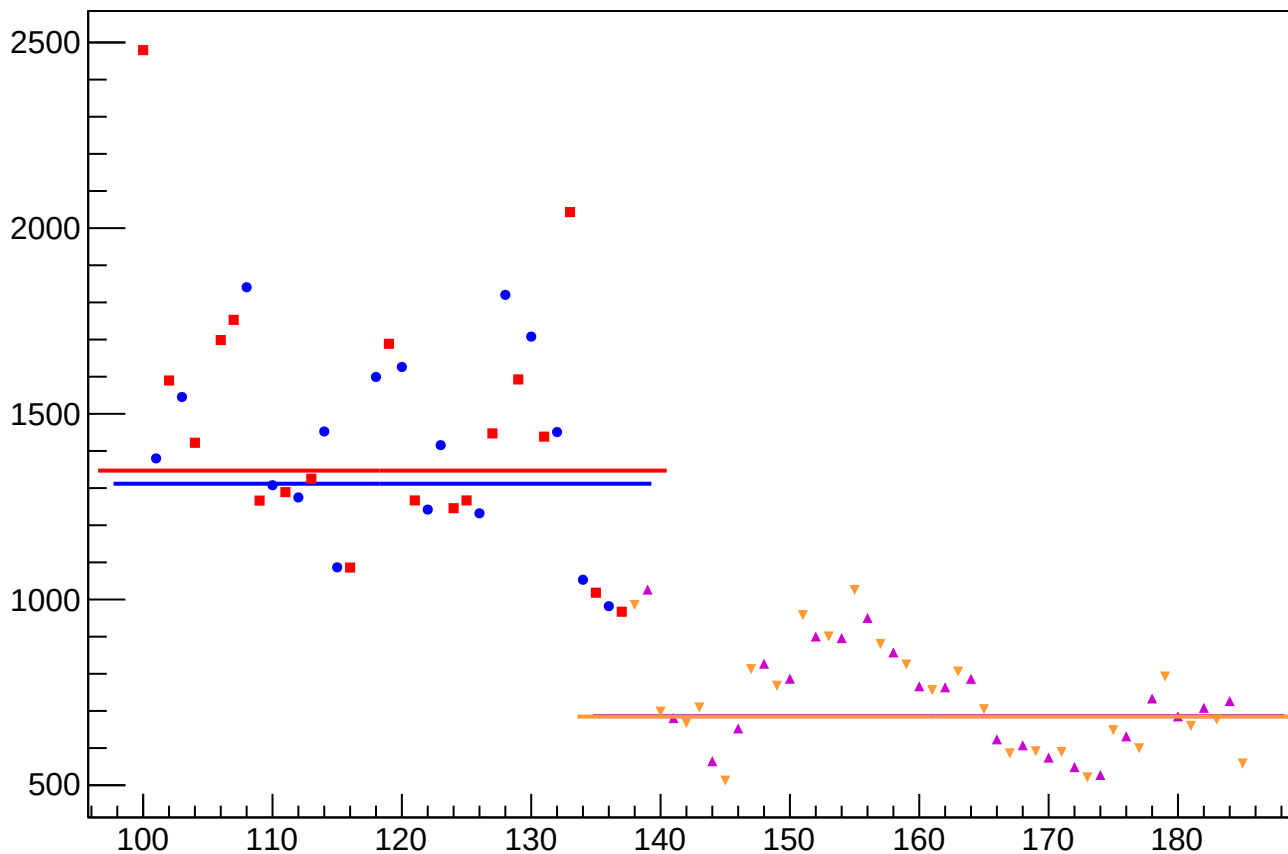
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 39.977 $\pm$ 158.391 χ^2 /NDF:46.3/39

Out: -671.853 $\pm$ 154.936 χ^2 /NDF:83.6/43

All: -323.786 $\pm$ 110.758 χ^2 /NDF: 140.2/83

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795 ± 0.367 $\chi^2/\text{NDF}: 512676.0/16$

Left Out: 684.704 ± 0.115 $\chi^2/\text{NDF}: 1302903.9/24$

Right Out: 1347.117 ± 0.365 $\chi^2/\text{NDF}: 490460.8/18$

Left In: 686.116 ± 0.118 $\chi^2/\text{NDF}: 1122124.7/22$

Left: 685.393 ± 0.082 $\chi^2/\text{NDF}: 2425102.5/47$

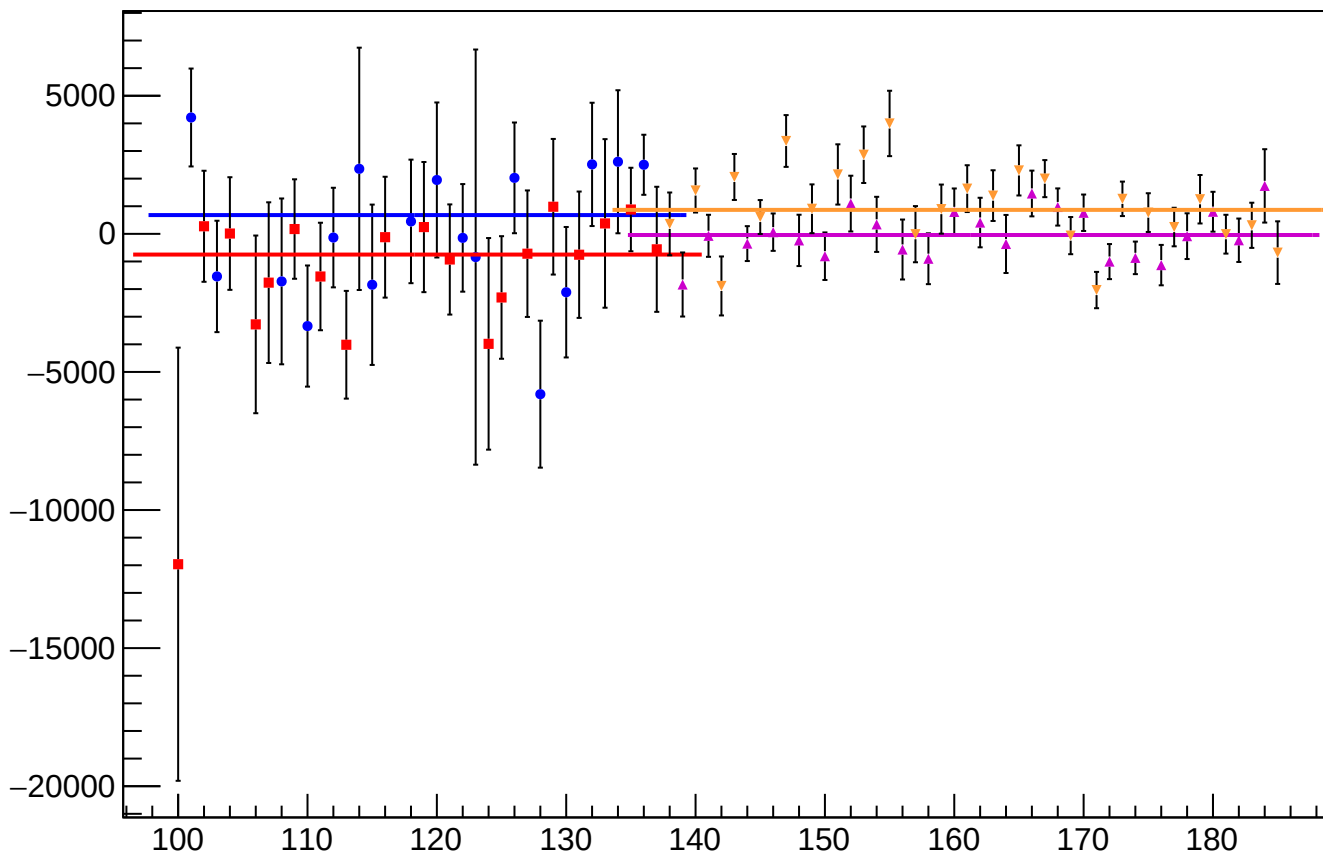
Right: 1329.578 ± 0.259 $\chi^2/\text{NDF}: 1007796.5/35$

In: 744.335 ± 0.112 $\chi^2/\text{NDF}: 4268503.1/39$

Out: 744.504 ± 0.110 $\chi^2/\text{NDF}: 4795745.0/43$

All: 744.421 ± 0.078 $\chi^2/\text{NDF}: 9064249.3/83$

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 868.320 $\pm$ 163.810 χ^2 /NDF:63.0/24

Right Out: -749.718 $\pm$ 516.198 χ^2 /NDF: 9.7/18

Left In: -41.522 $\pm$ 166.728 χ^2 /NDF:24.1/22

Left: 421.429 $\pm$ 116.849 χ^2 /NDF: 102.3/47

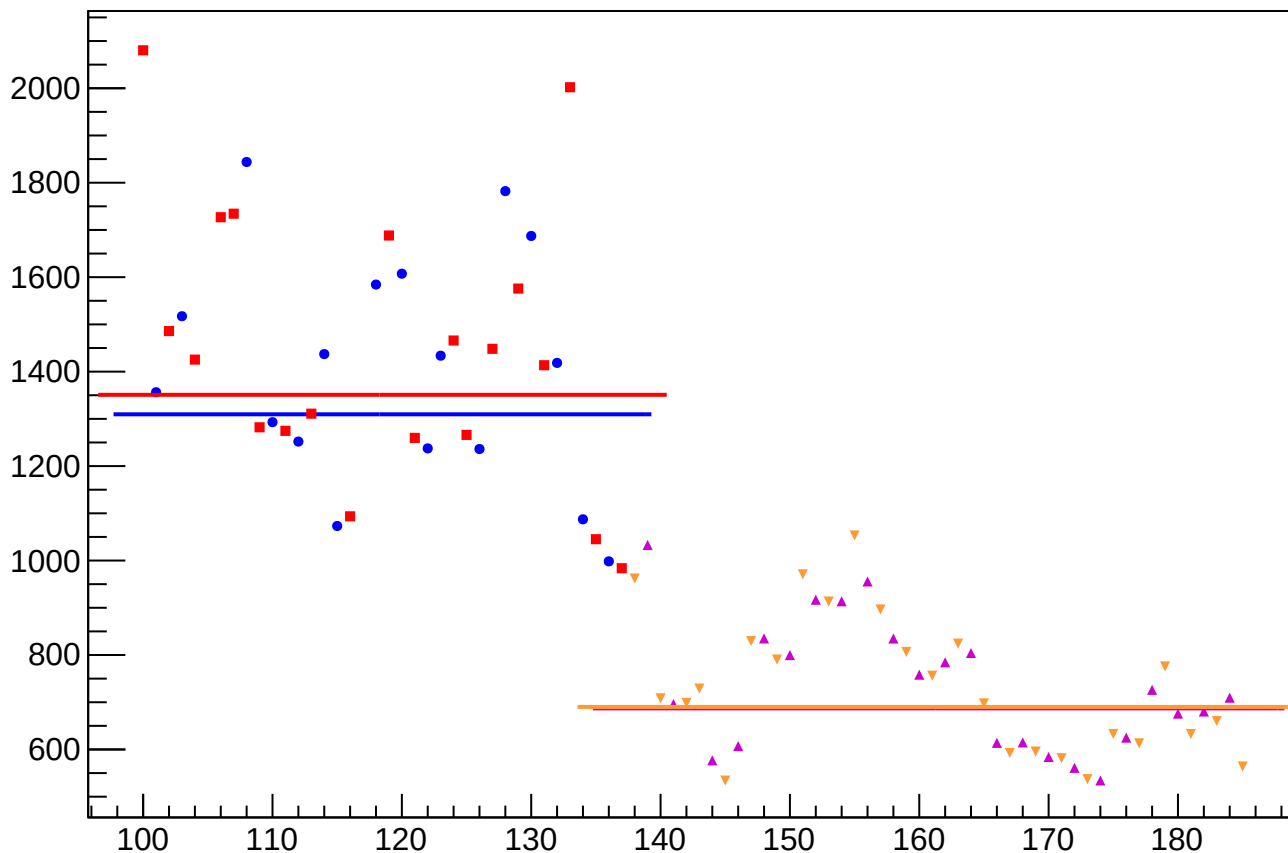
Right: -36.709 $\pm$ 365.469 χ^2 /NDF: 36.1/35

In: 26.320 $\pm$ 158.695 χ^2 /NDF:48.4/39

Out: 720.284 $\pm$ 156.137 χ^2 /NDF:81.7/43

All: 378.940 $\pm$ 111.299 χ^2 /NDF: 139.8/83

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 690.063+/-0.116 χ^2/NDF :1259934.0/24

Right Out: 1350.942+/-0.365 χ^2/NDF : 422723.4/18

Left In: 686.944+/-0.118 χ^2/NDF :1116042.4/22

Left: 688.531+/-0.083 χ^2/NDF : 2376332.5/47

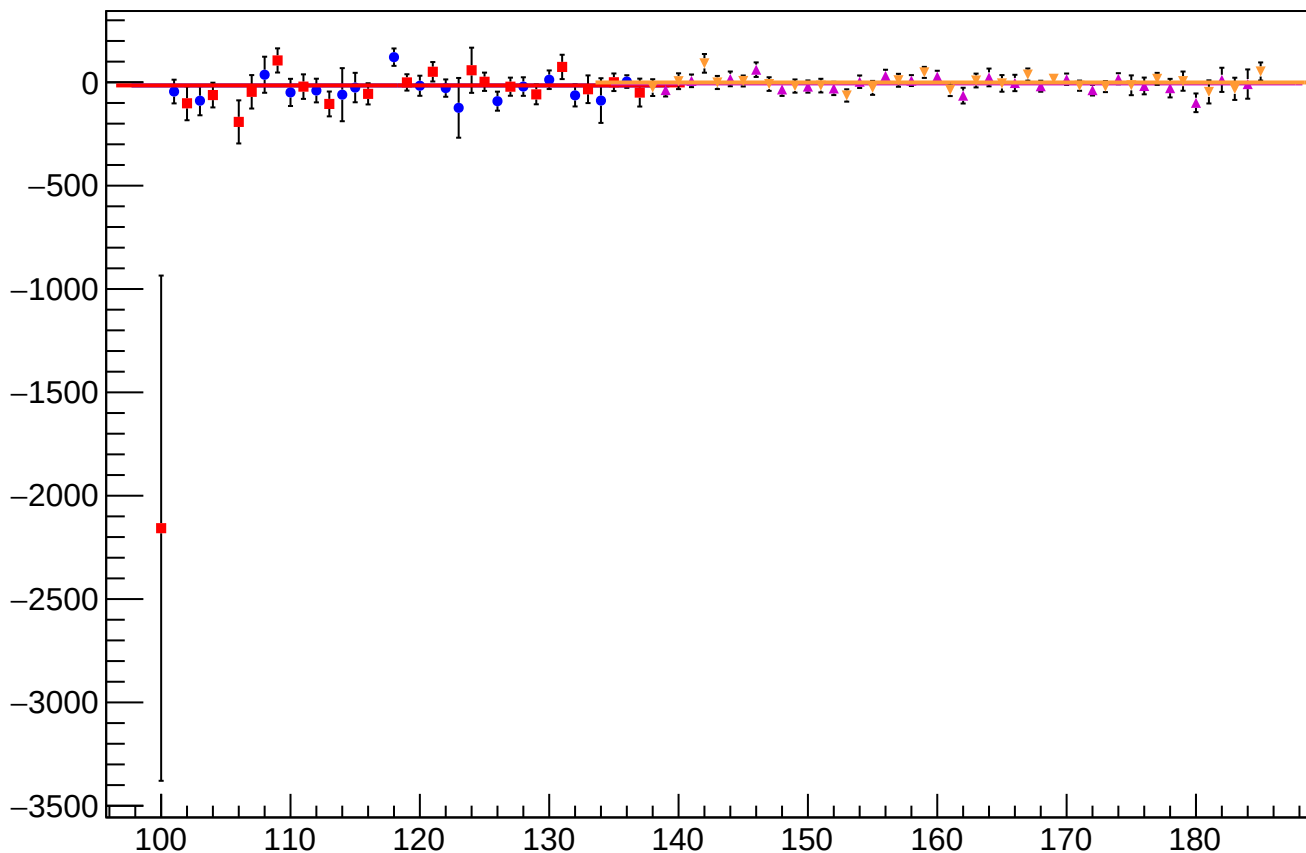
Right: 1330.350+/-0.258 χ^2/NDF : 888419.4/35

In: 745.501+/-0.112 χ^2/NDF :4198847.6/39

Out: 750.527+/-0.110 χ^2/NDF :4660977.9/43

All: 748.055+/-0.079 χ^2/NDF : 8860845.0/83

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -0.819 ± 6.563 χ^2/NDF : 21.3/24

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.397 ± 6.854 χ^2/NDF : 20.8/22

Left: -3.009 ± 4.740 χ^2/NDF : 42.3/47

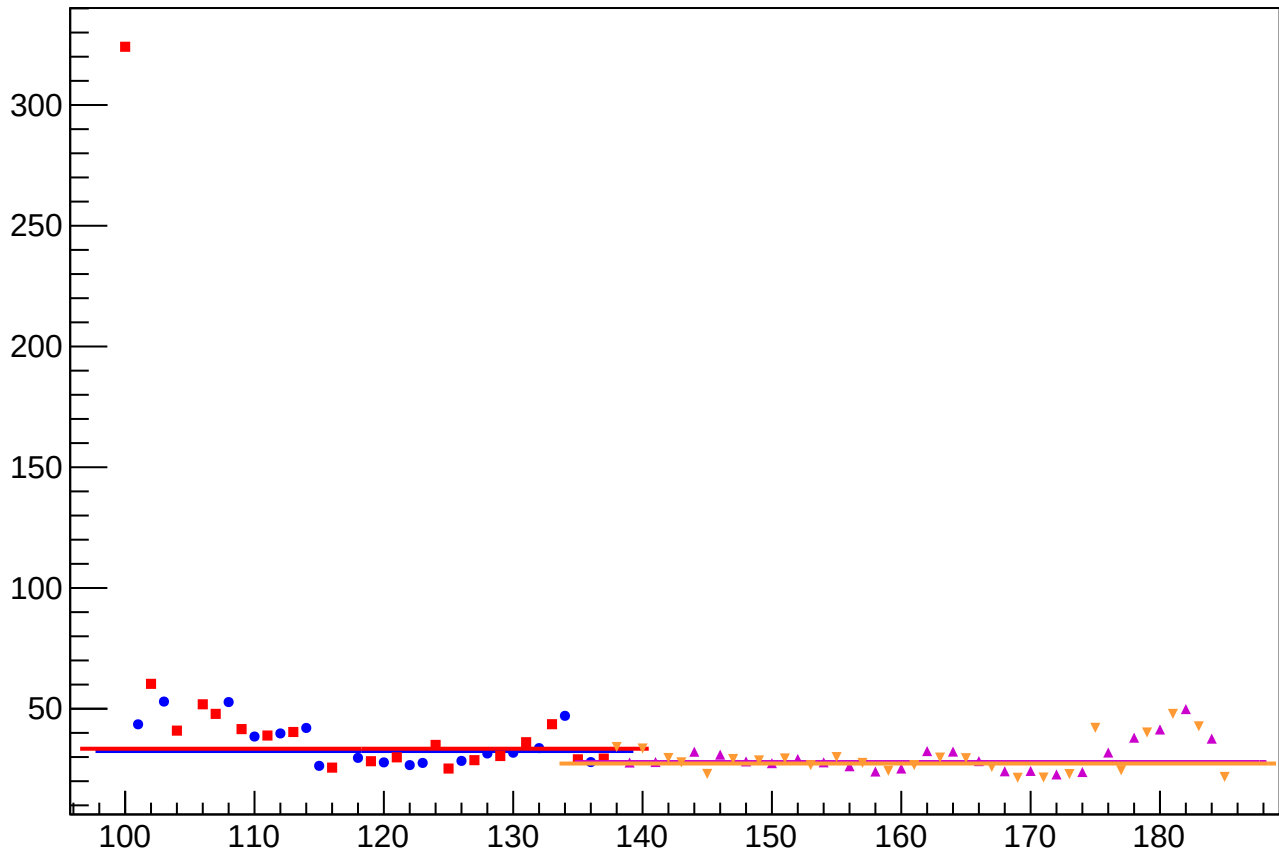
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.571 ± 6.053 χ^2/NDF : 39.5/39

Out: -3.683 ± 5.868 χ^2/NDF : 43.5/43

All: -5.566 ± 4.213 χ^2/NDF : 83.3/83

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 27.316 $\pm$ 0.005 χ^2 /NDF: 1358212.5/24

Right Out: 33.444 $\pm$ 0.009 χ^2 /NDF: 838344.2/18

Left In: 27.930 $\pm$ 0.005 χ^2 /NDF: 985659.8/22

Left: 27.610 $\pm$ 0.003 χ^2 /NDF: 2352255.2/47

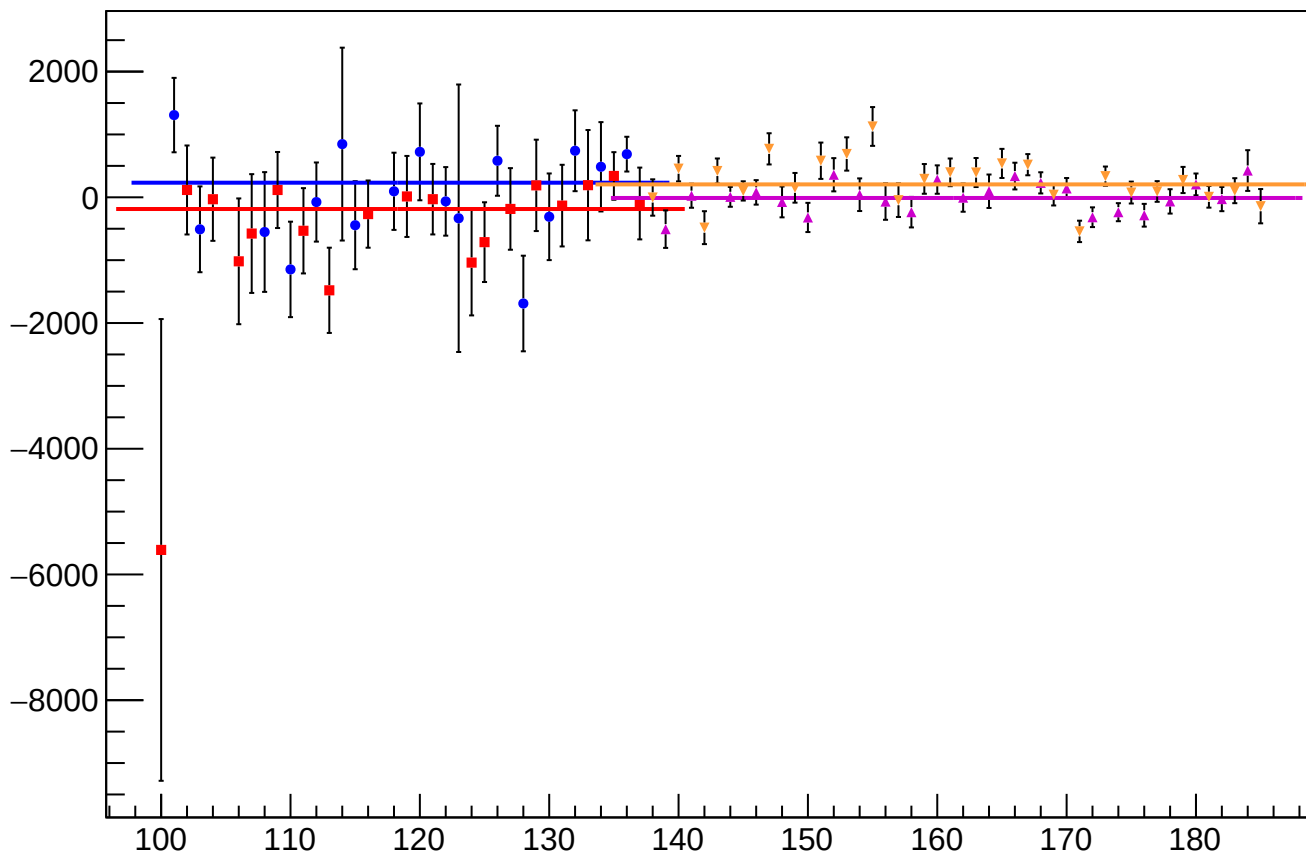
Right: 32.960 $\pm$ 0.007 χ^2 /NDF: 1438223.6/35

In: 28.933 $\pm$ 0.004 χ^2 /NDF: 1774757.3/39

Out: 28.546 $\pm$ 0.004 χ^2 /NDF: 2546588.9/43

All: 28.734 $\pm$ 0.003 χ^2 /NDF: 4325558.5/83

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: 205.501 $\pm$ 41.111 χ^2 /NDF:63.0/24

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -10.639 $\pm$ 42.196 χ^2 /NDF:27.2/22

Left: 100.246 $\pm$ 29.446 χ^2 /NDF: 103.7/47

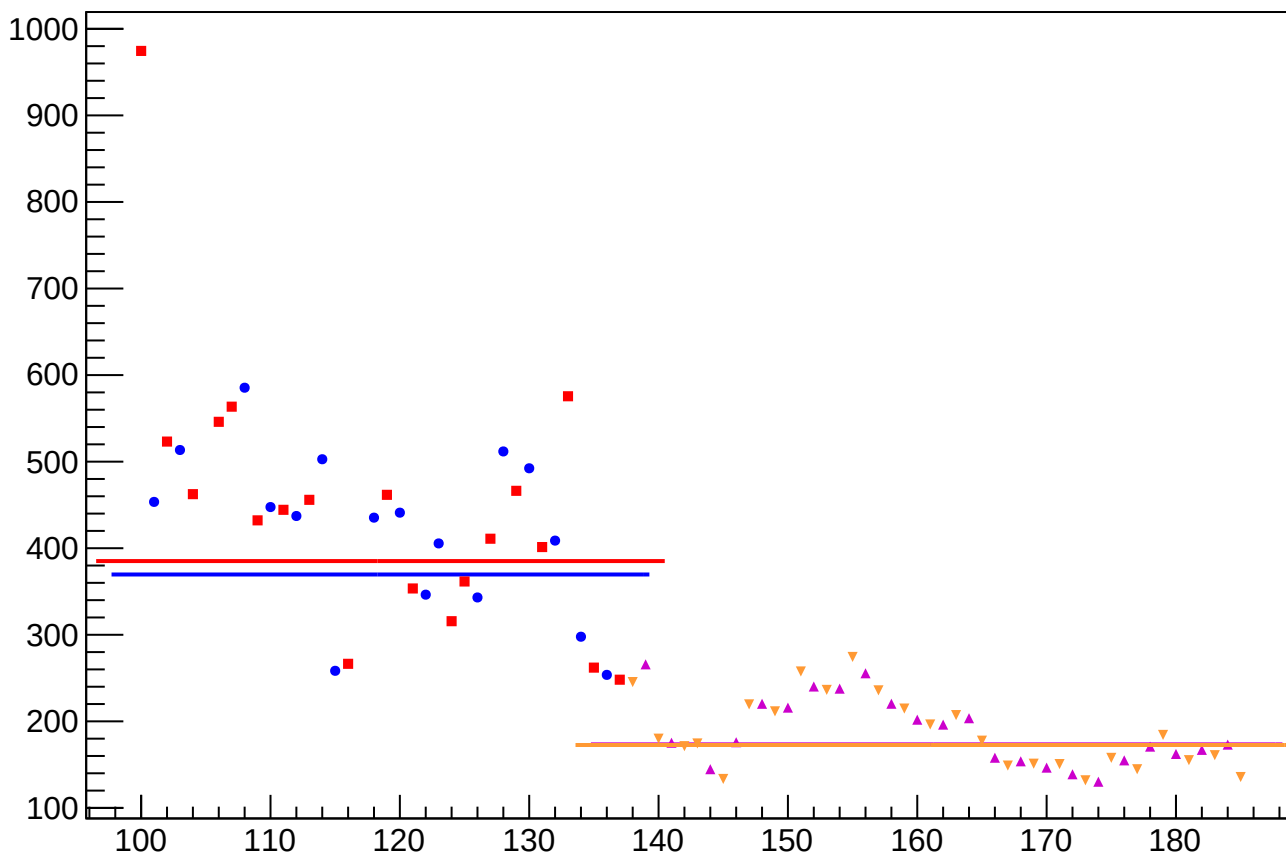
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 7.489 $\pm$ 40.592 χ^2 /NDF:51.2/39

Out: 178.092 $\pm$ 39.647 χ^2 /NDF:81.1/43

All: 94.799 $\pm$ 28.363 χ^2 /NDF: 141.3/83

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: 172.678 $\pm$ 0.029 χ^2 /NDF: 1525760.9/24

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 173.445 $\pm$ 0.030 χ^2 /NDF: 1362240.7/22

Left: 173.052 $\pm$ 0.021 χ^2 /NDF: 2888340.9/47

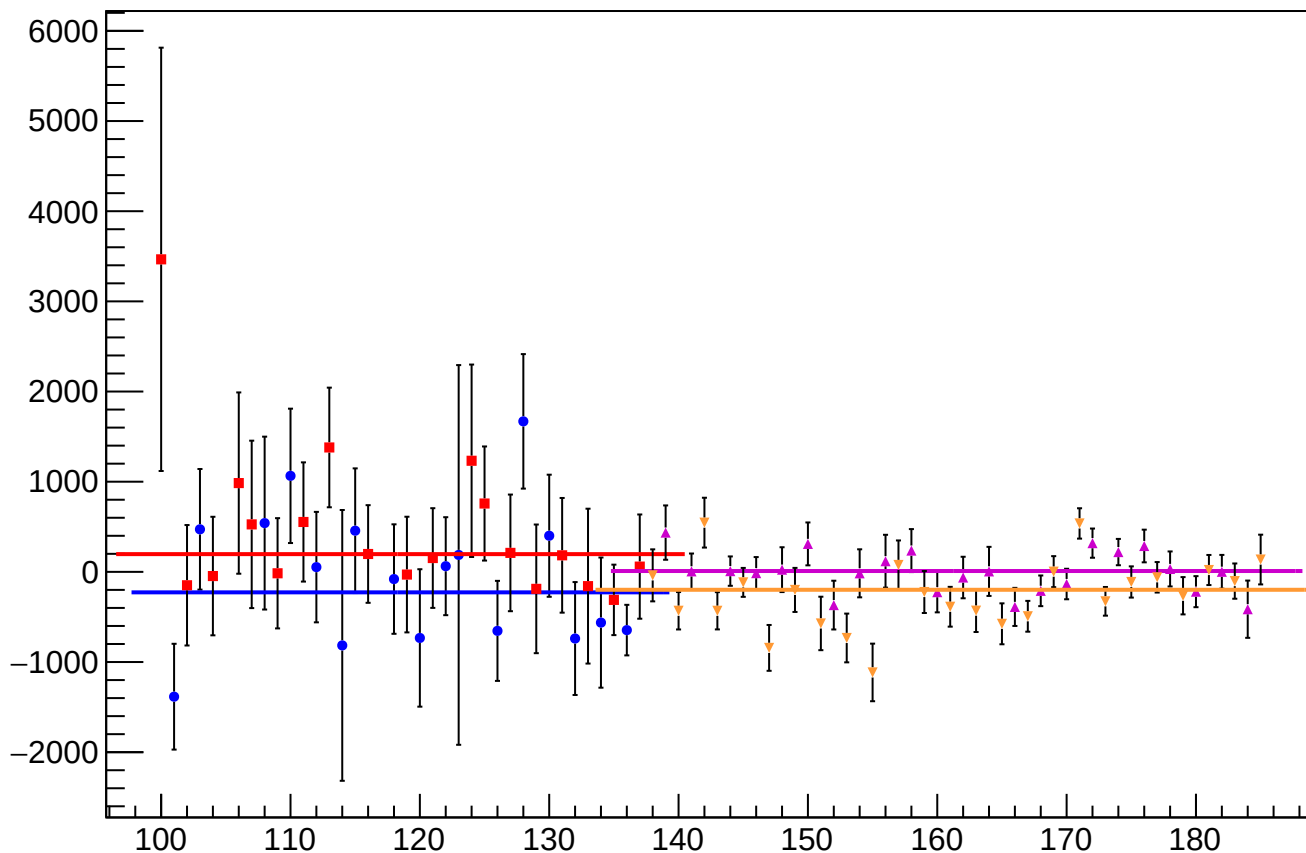
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 188.084 $\pm$ 0.029 χ^2 /NDF: 5491231.8/39

Out: 187.546 $\pm$ 0.028 χ^2 /NDF: 6190591.3/43

All: 187.809 $\pm$ 0.020 χ^2 /NDF: 11682002.9/83

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -198.760 ± 41.619 $\chi^2/\text{NDF}: 64.5/24$

Right Out: 196.753 ± 150.178 $\chi^2/\text{NDF}: 10.7/18$

Left In: 9.384 ± 42.437 $\chi^2/\text{NDF}: 25.4/22$

Left: -96.713 ± 29.714 $\chi^2/\text{NDF}: 102.2/47$

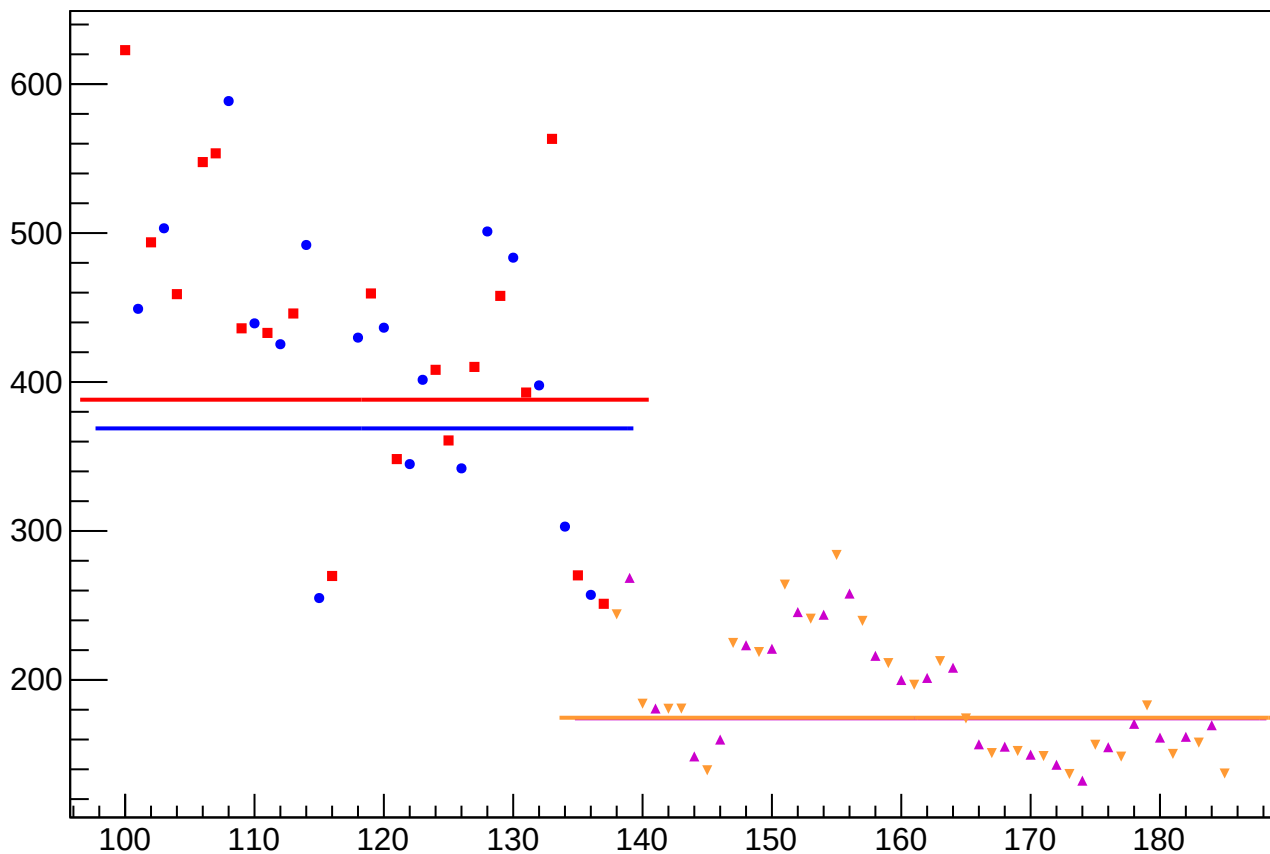
Right: -18.470 ± 105.386 $\chi^2/\text{NDF}: 36.6/35$

In: -8.613 ± 40.791 $\chi^2/\text{NDF}: 49.6/39$

Out: -170.550 ± 40.108 $\chi^2/\text{NDF}: 81.7/43$

All: -90.951 ± 28.599 $\chi^2/\text{NDF}: 139.3/83$

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: 174.623 $\pm$ 0.029 χ^2 /NDF: 1533761.3/24

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.217 $\pm$ 0.030 χ^2 /NDF: 1364600.9/22

Left: 174.424 $\pm$ 0.021 χ^2 /NDF: 2898455.5/47

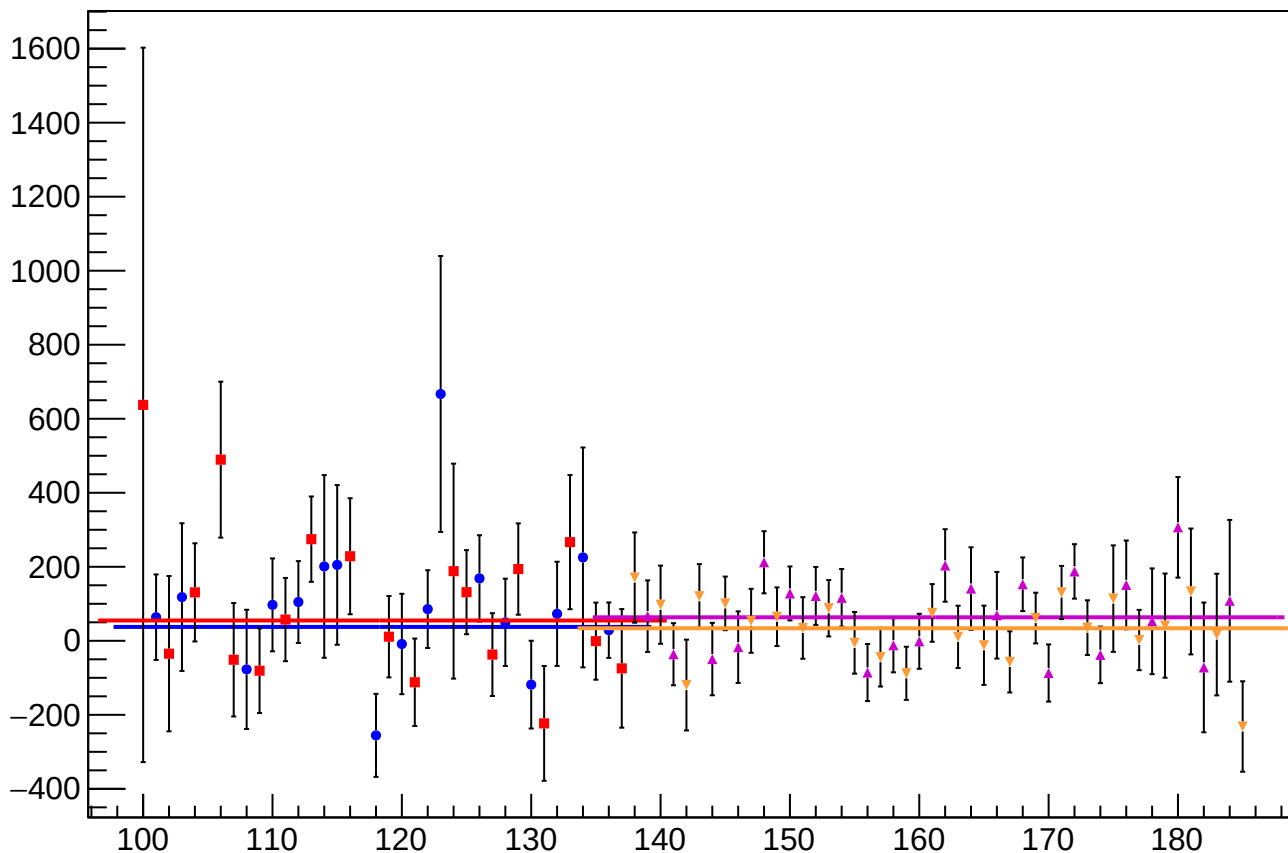
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 189.019 $\pm$ 0.029 χ^2 /NDF: 5393998.7/39

Out: 189.851 $\pm$ 0.028 χ^2 /NDF: 6066006.1/43

All: 189.442 $\pm$ 0.020 χ^2 /NDF: 11460428.3/83

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 33.915 $\pm$ 17.756 χ^2 /NDF:19.1/24

Right Out: 54.894 $\pm$ 31.473 χ^2 /NDF: 22.2/18

Left In: 63.496 $\pm$ 18.723 χ^2 /NDF:30.8/22

Left: 47.922 $\pm$ 12.884 χ^2 /NDF: 51.2/47

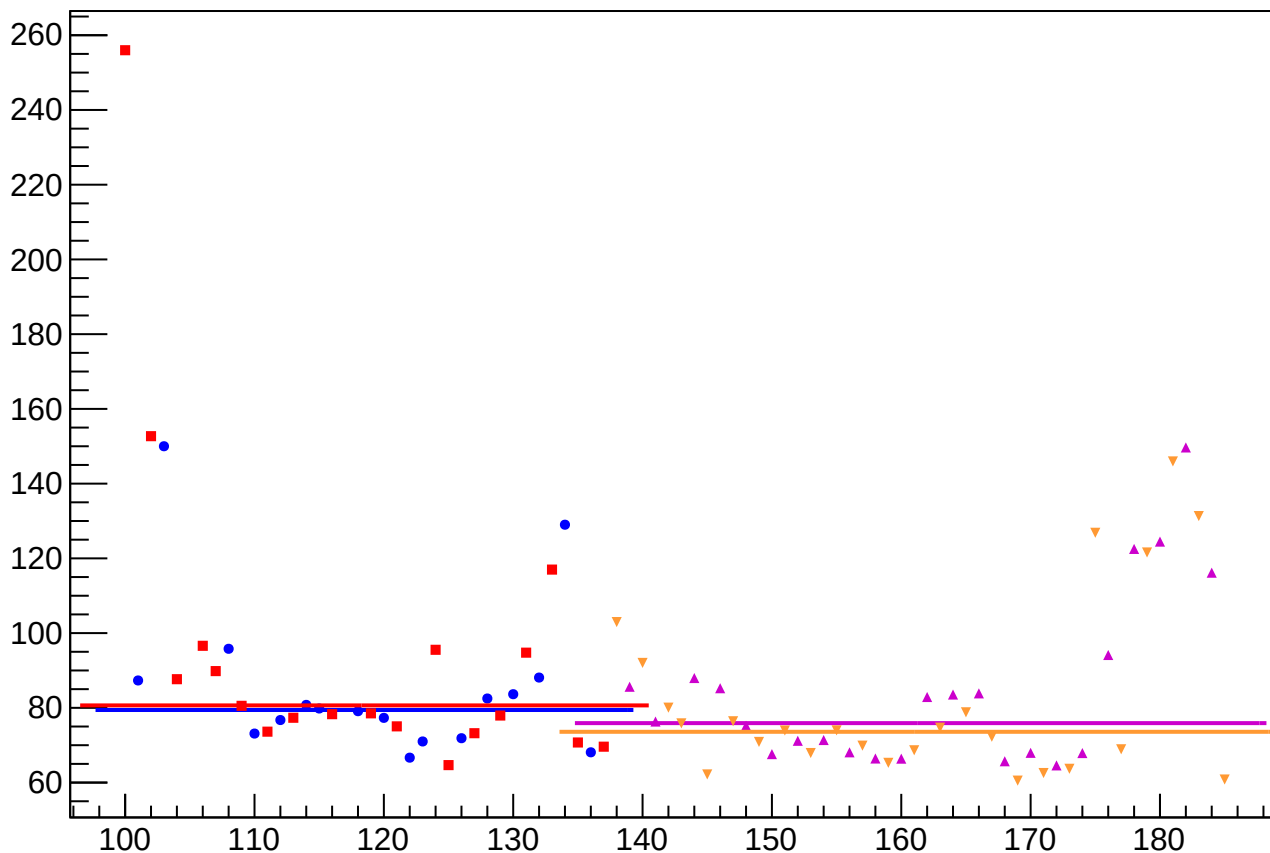
Right: 46.211 $\pm$ 22.250 χ^2 /NDF: 38.2/35

In: 56.706 $\pm$ 16.089 χ^2 /NDF:47.1/39

Out: 38.980 $\pm$ 15.465 χ^2 /NDF:41.6/43

All: 47.492 $\pm$ 11.149 χ^2 /NDF: 89.3/83

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.587 $\pm$ 0.013 χ^2 /NDF: 1593704.2/24

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 75.910 $\pm$ 0.013 χ^2 /NDF: 1292273.0/22

Left: 74.687 $\pm$ 0.009 χ^2 /NDF: 2902181.0/47

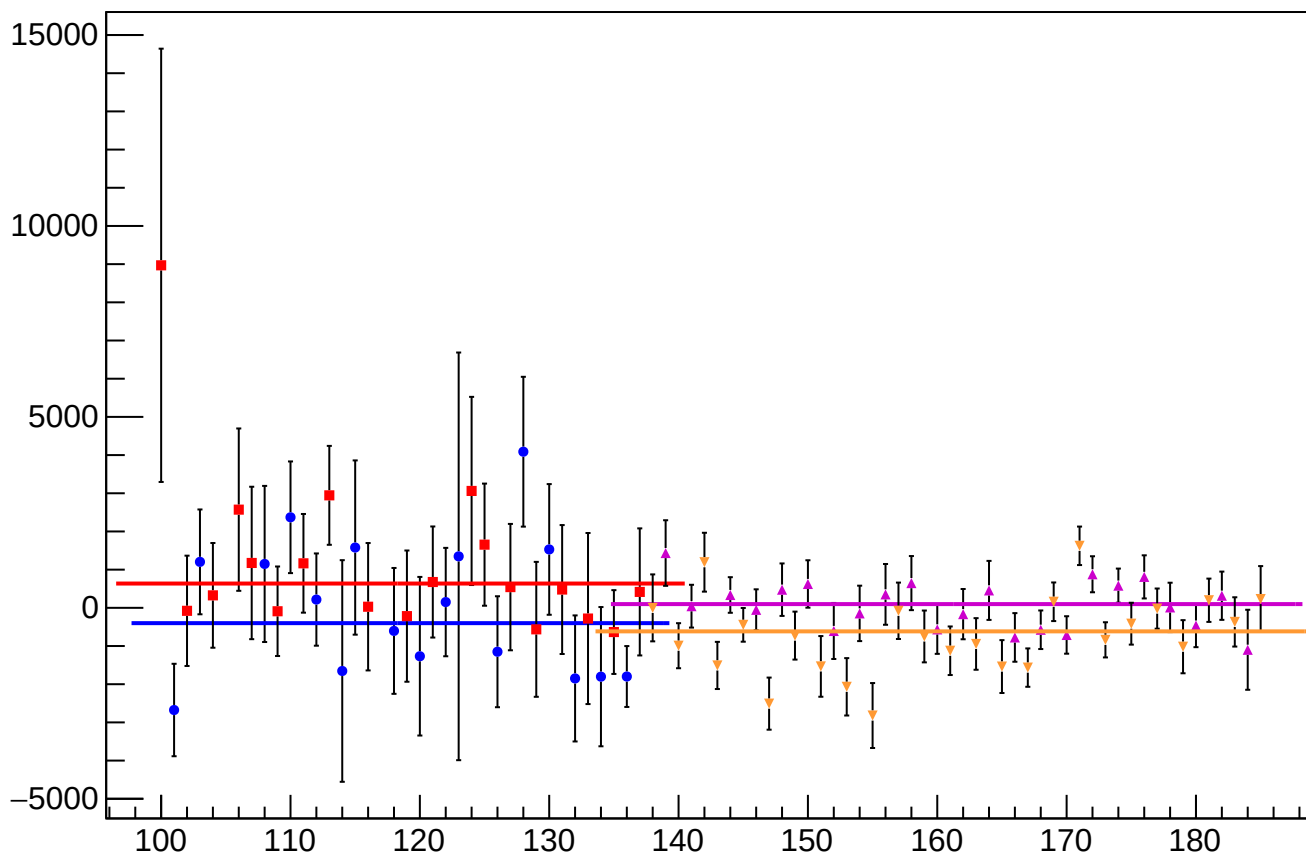
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.828 $\pm$ 0.011 χ^2 /NDF: 1749719.9/39

Out: 75.293 $\pm$ 0.011 χ^2 /NDF: 2190588.4/43

All: 76.030 $\pm$ 0.008 χ^2 /NDF: 3949774.2/83

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -616.370+/-122.930 χ^2/NDF : 62.2/24

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 97.833+/-125.782 χ^2/NDF : 21.3/22

Left: -267.457+/-87.916 χ^2/NDF : 100.0/47

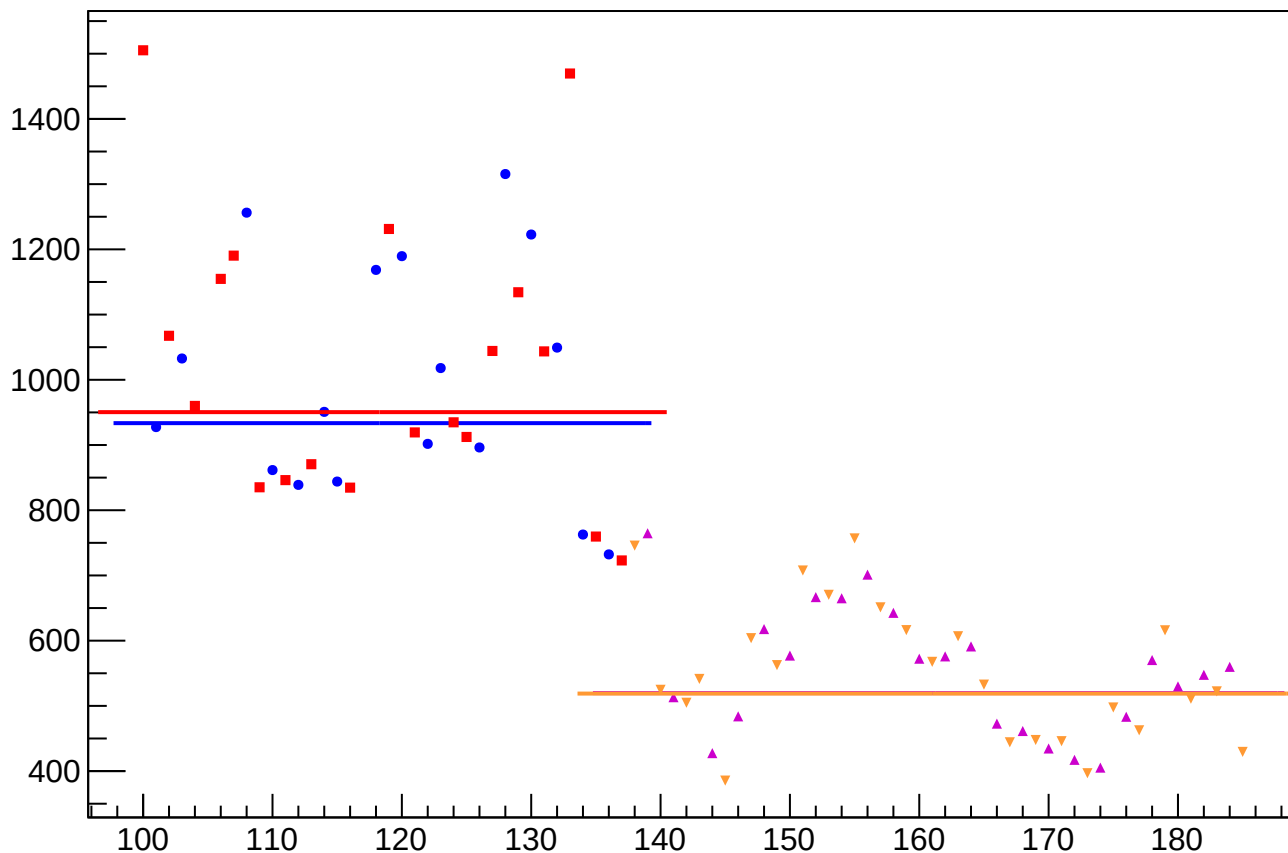
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 45.769+/-119.038 χ^2/NDF : 44.9/39

Out: -487.456+/-116.432 χ^2/NDF : 83.7/43

All: -226.744+/-83.236 χ^2/NDF : 138.9/83

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 ± 0.261 χ^2/NDF : 442321.9/16

Left Out: 518.865 ± 0.087 χ^2/NDF : 1216241.5/24

Right Out: 950.411 ± 0.257 χ^2/NDF : 424360.9/18

Left In: 519.615 ± 0.089 χ^2/NDF : 1029150.7/22

Left: 519.232 ± 0.062 χ^2/NDF : 2245428.5/47

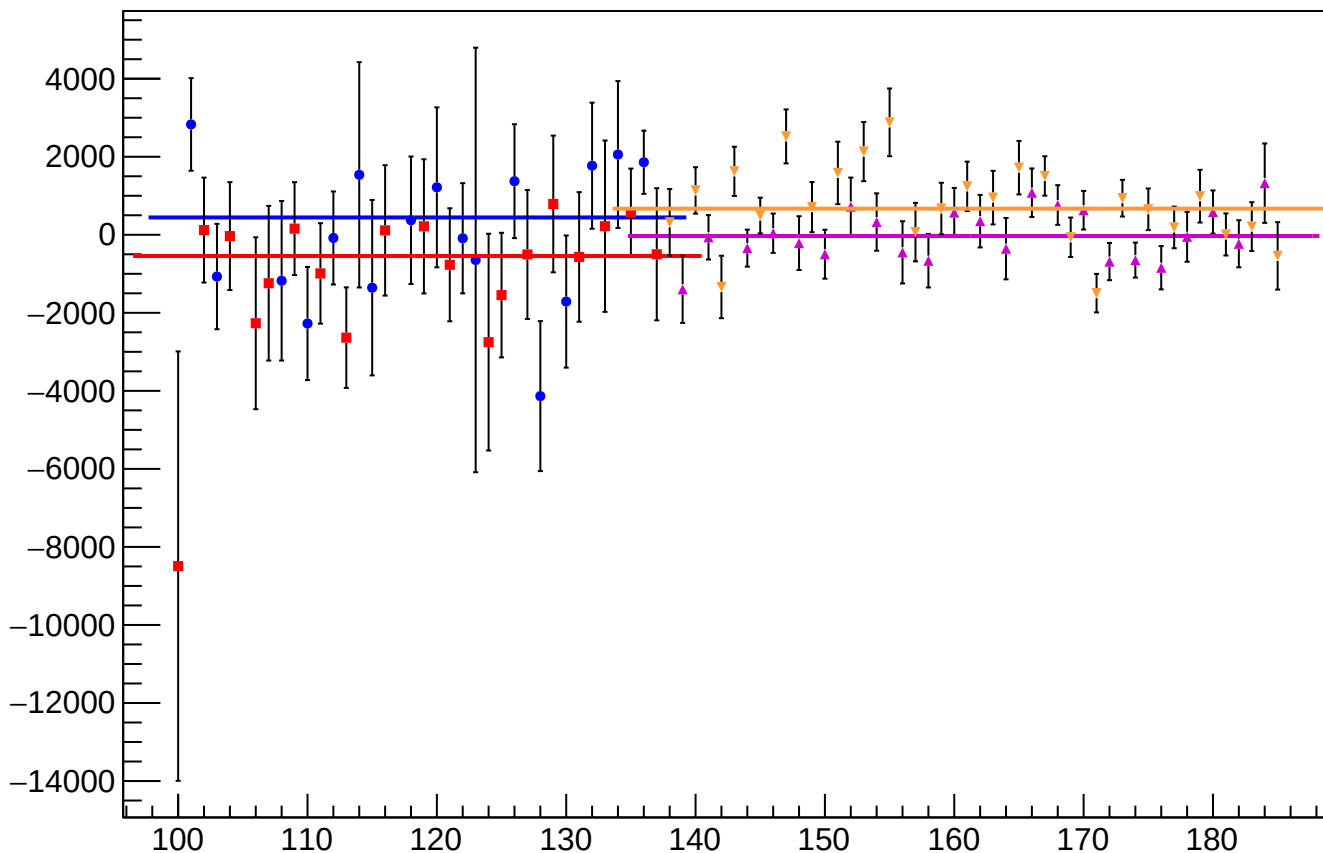
Right: 942.099 ± 0.183 χ^2/NDF : 868813.4/35

In: 562.812 ± 0.084 χ^2/NDF : 3731728.3/39

Out: 563.282 ± 0.082 χ^2/NDF : 4177388.8/43

All: 563.052 ± 0.059 χ^2/NDF : 7909133.0/83

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 669.485+/-123.089 χ^2/NDF : 61.7/24

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -31.056+/-125.236 χ^2/NDF : 23.8/22

Left: 325.272+/-87.787 χ^2/NDF : 101.4/47

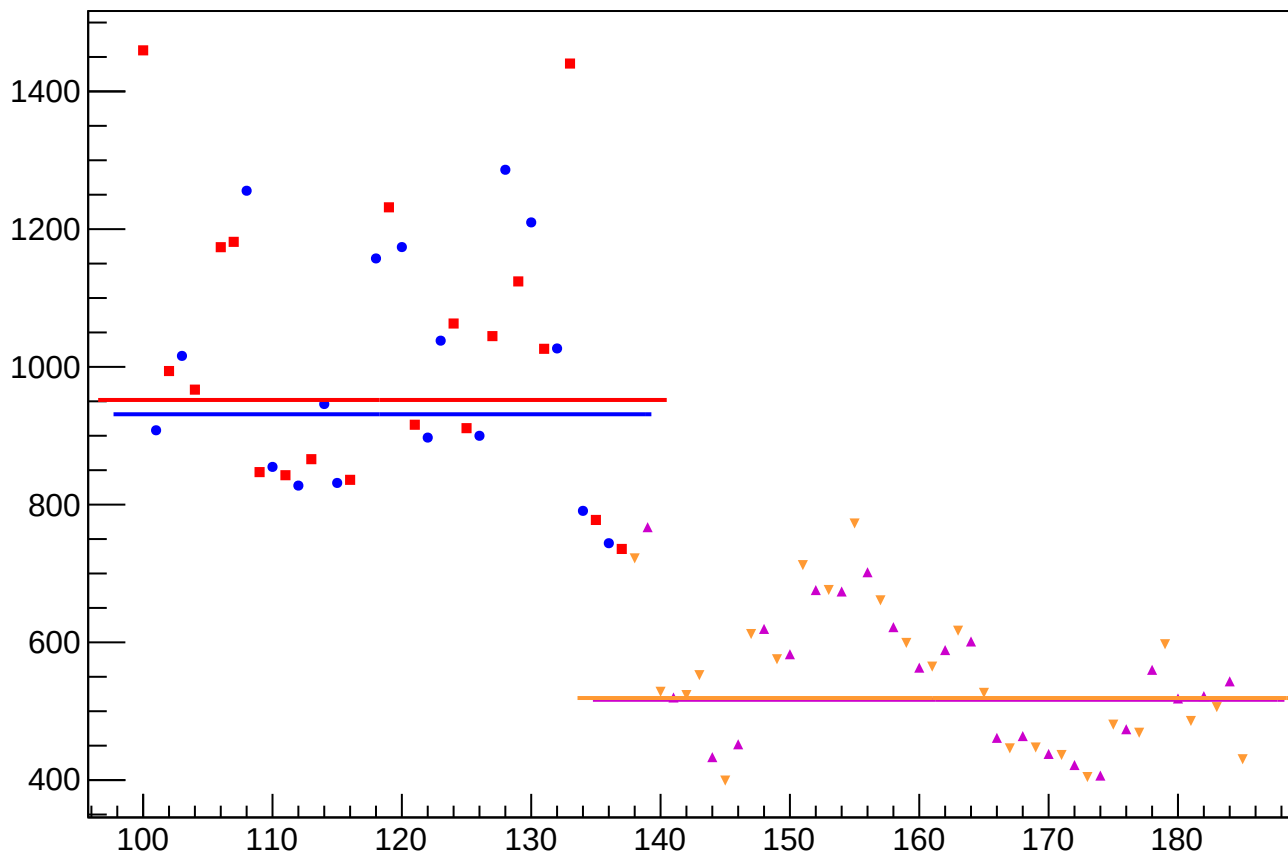
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 18.539+/-118.529 χ^2/NDF : 48.3/39

Out: 544.642+/-116.580 χ^2/NDF : 81.1/43

All: 285.950+/-83.115 χ^2/NDF : 139.3/83

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 519.177 $\pm$ 0.087 χ^2 /NDF: 1174156.9/24

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 516.594 $\pm$ 0.089 χ^2 /NDF: 1036092.8/22

Left: 517.908 $\pm$ 0.062 χ^2 /NDF: 2210682.4/47

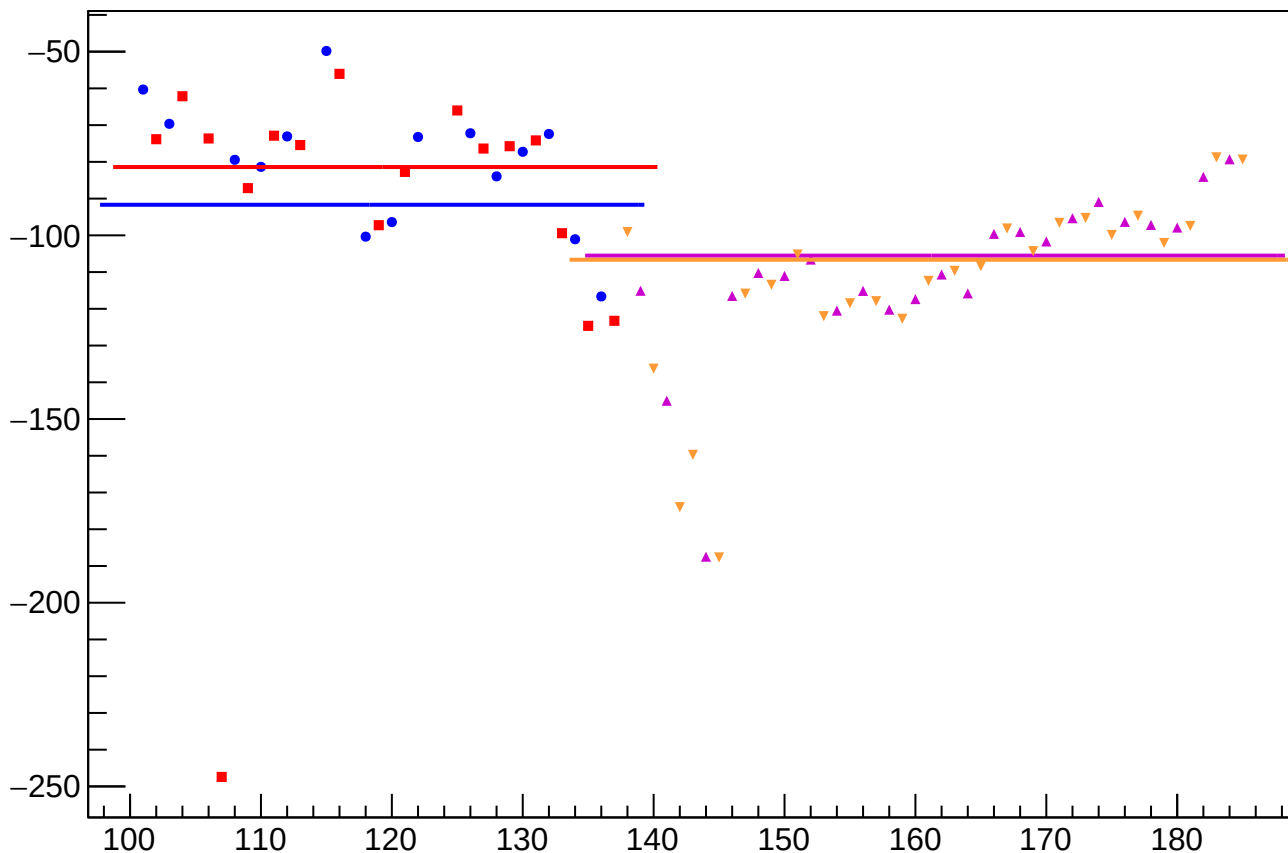
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 559.818 $\pm$ 0.084 χ^2 /NDF: 3721548.8/39

Out: 563.737 $\pm$ 0.082 χ^2 /NDF: 4102554.1/43

All: 561.810 $\pm$ 0.059 χ^2 /NDF: 7825214.7/83

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -106.639 ± 0.050 $\chi^2/\text{NDF}: 89453.3/24$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -105.520 ± 0.046 $\chi^2/\text{NDF}: 128731.9/22$

Left: -106.030 ± 0.034 $\chi^2/\text{NDF}: 218459.4/47$

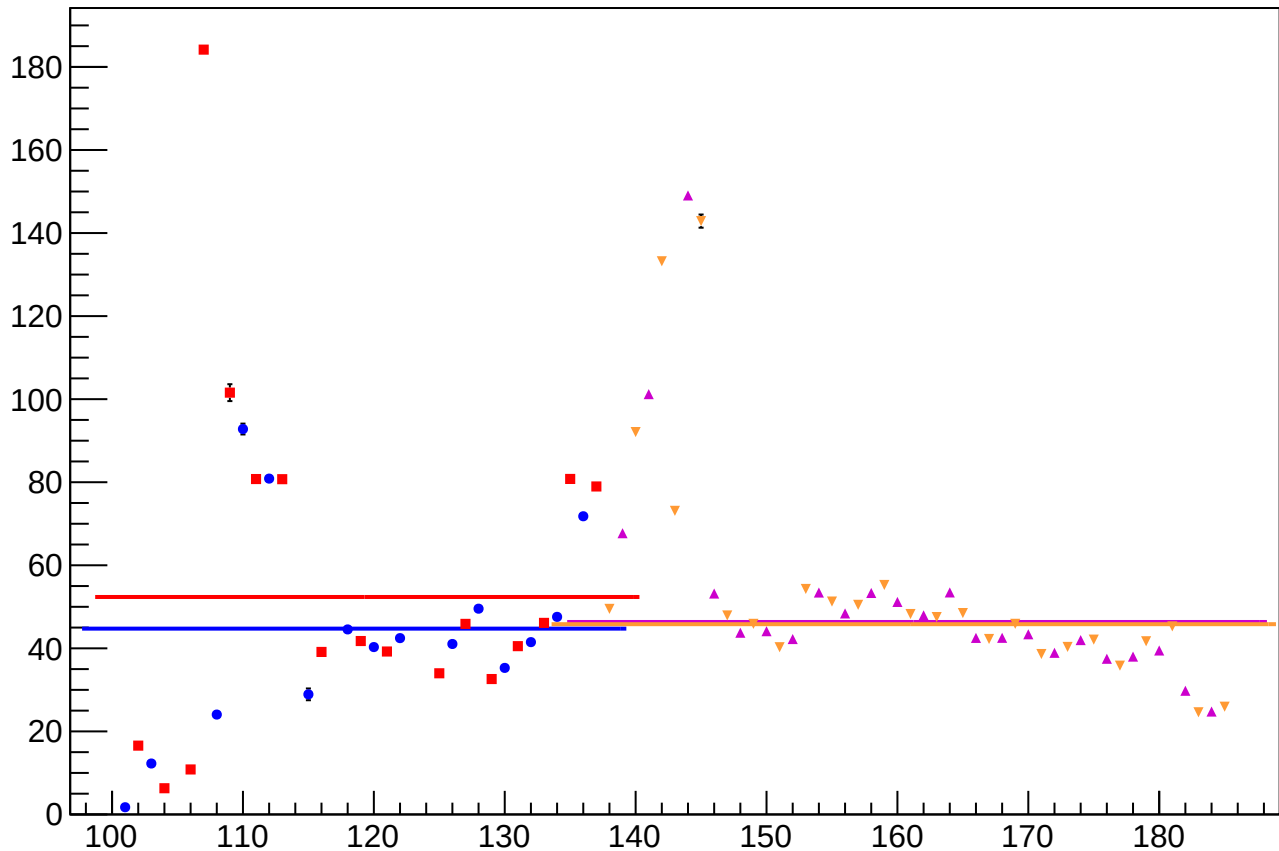
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -101.401 ± 0.038 $\chi^2/\text{NDF}: 220709.5/37$

Out: -101.491 ± 0.044 $\chi^2/\text{NDF}: 183432.3/41$

All: -101.439 ± 0.029 $\chi^2/\text{NDF}: 404144.2/79$

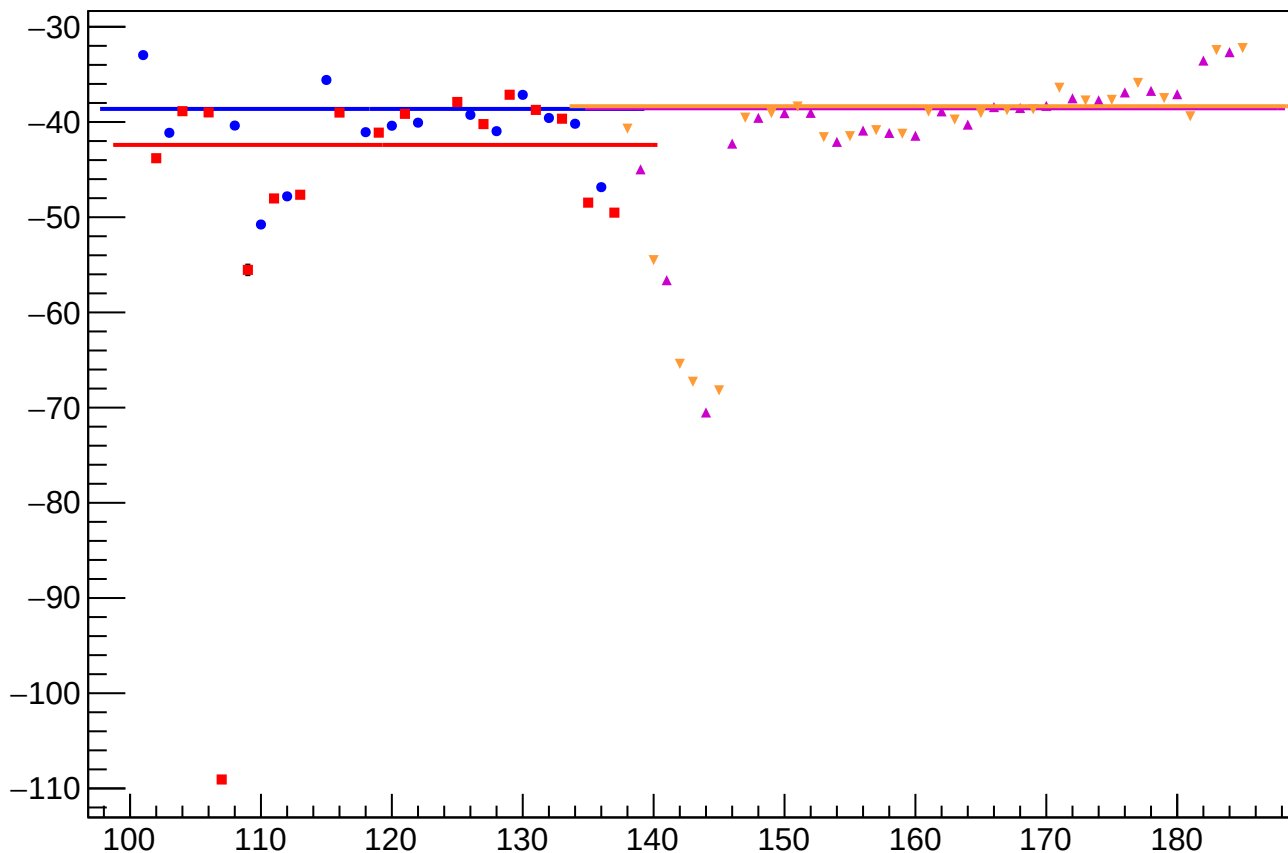
dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14
 Left Out: 45.817 $\pm$ 0.042 χ^2/NDF :80667.3/24
 Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16
 Left In: 46.346 $\pm$ 0.040 χ^2/NDF :165523.0/22

Left: 46.096 $\pm$ 0.029 χ^2/NDF : 246274.5/47
 Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31
 In: 45.865 $\pm$ 0.033 χ^2/NDF :250710.1/37
 Out: 46.614 $\pm$ 0.039 χ^2/NDF :152926.3/41
 All: 46.177 $\pm$ 0.025 χ^2/NDF : 403848.2/79

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -38.341+/-0.006 χ^2/NDF : 518511.9/24

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -38.560+/-0.007 χ^2/NDF : 334709.2/22

Left: -38.438+/-0.004 χ^2/NDF : 853844.5/47

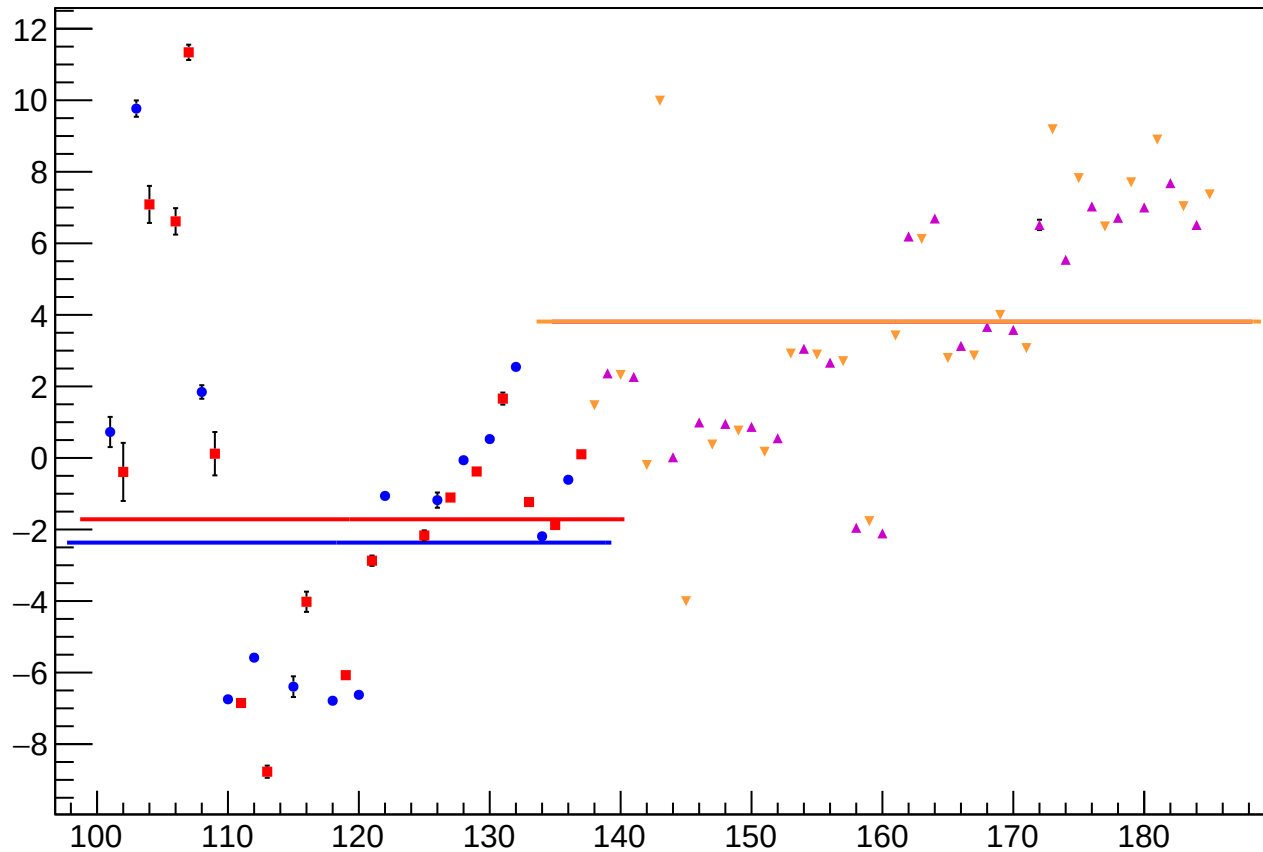
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -38.585+/-0.005 χ^2/NDF : 574856.8/37

Out: -38.625+/-0.006 χ^2/NDF : 821574.7/41

All: -38.603+/-0.004 χ^2/NDF : 1396459.5/79

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 3.813 ± 0.007 χ^2/NDF : 205036.4/24

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 3.809 ± 0.006 χ^2/NDF : 229467.1/22

Left: 3.811 ± 0.004 χ^2/NDF : 434503.6/47

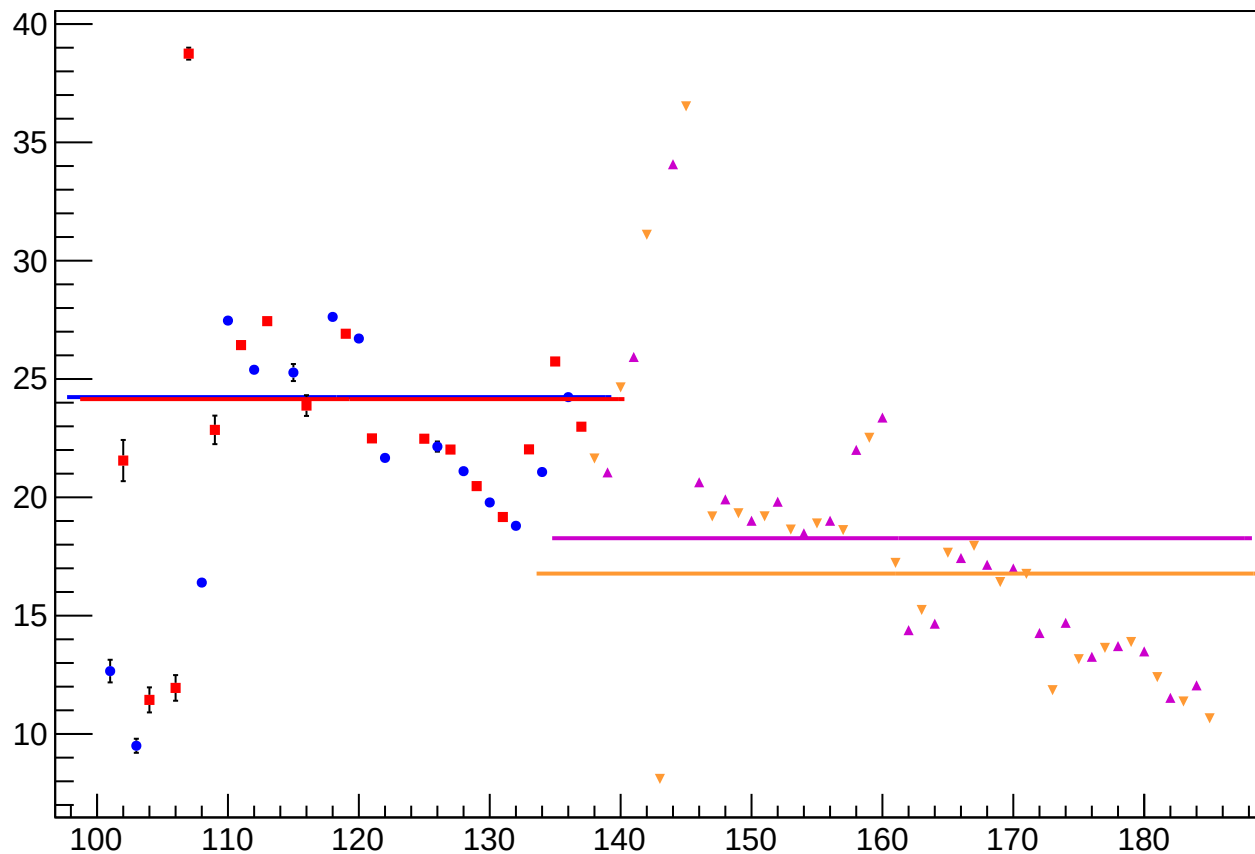
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 2.900 ± 0.005 χ^2/NDF : 422481.0/37

Out: 3.469 ± 0.007 χ^2/NDF : 257088.9/41

All: 3.123 ± 0.004 χ^2/NDF : 683918.3/79

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.778 $\pm$ 0.007 χ^2 /NDF:195597.9/24

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.272 $\pm$ 0.007 χ^2 /NDF:237719.2/22

Left: 17.522 $\pm$ 0.005 χ^2 /NDF: 455377.9/47

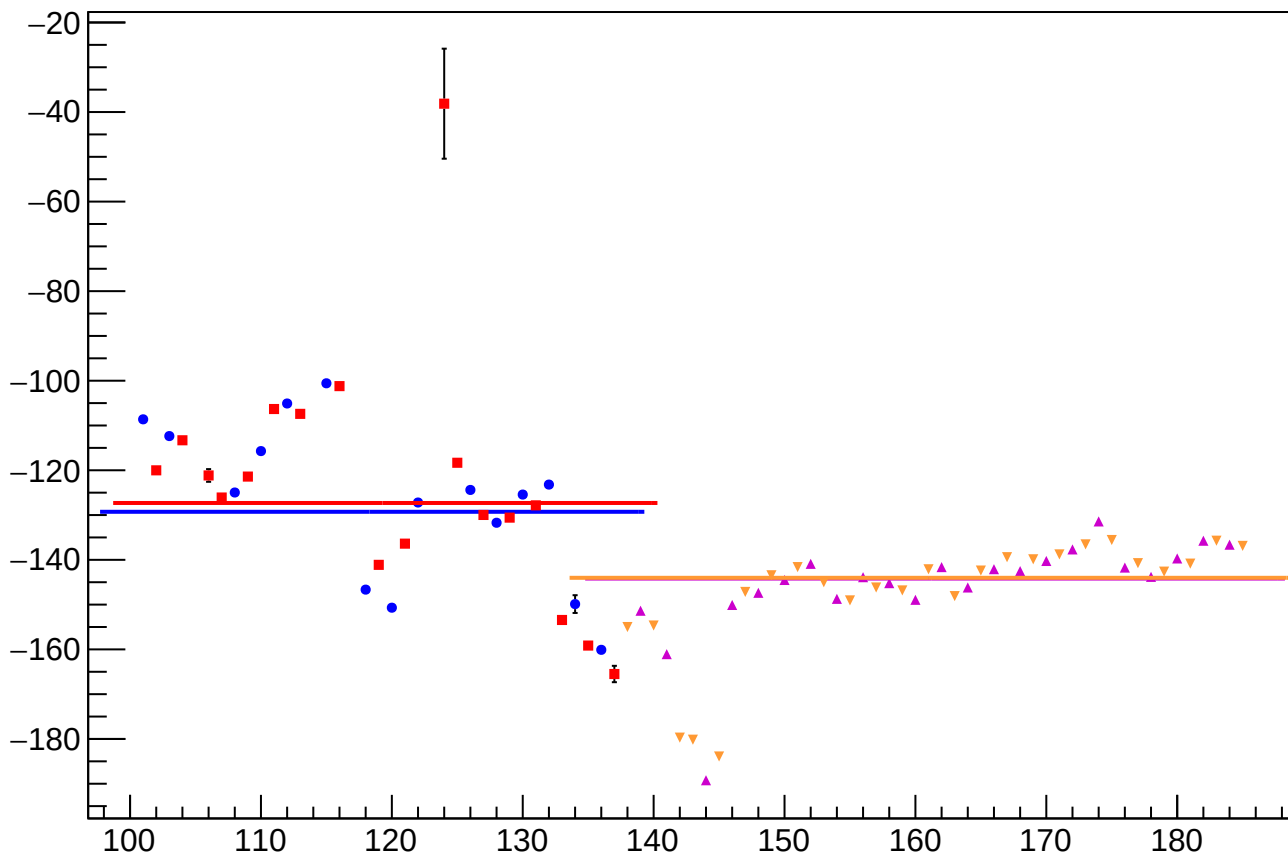
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.838 $\pm$ 0.007 χ^2 /NDF:325966.5/37

Out: 17.354 $\pm$ 0.007 χ^2 /NDF:293169.6/41

All: 18.100 $\pm$ 0.005 χ^2 /NDF: 642947.2/79

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.014 ± 0.041 χ^2/NDF : 44328.3/24

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.184 ± 0.045 χ^2/NDF : 34723.9/22

Left: -144.092 ± 0.030 χ^2/NDF : 79060.0/47

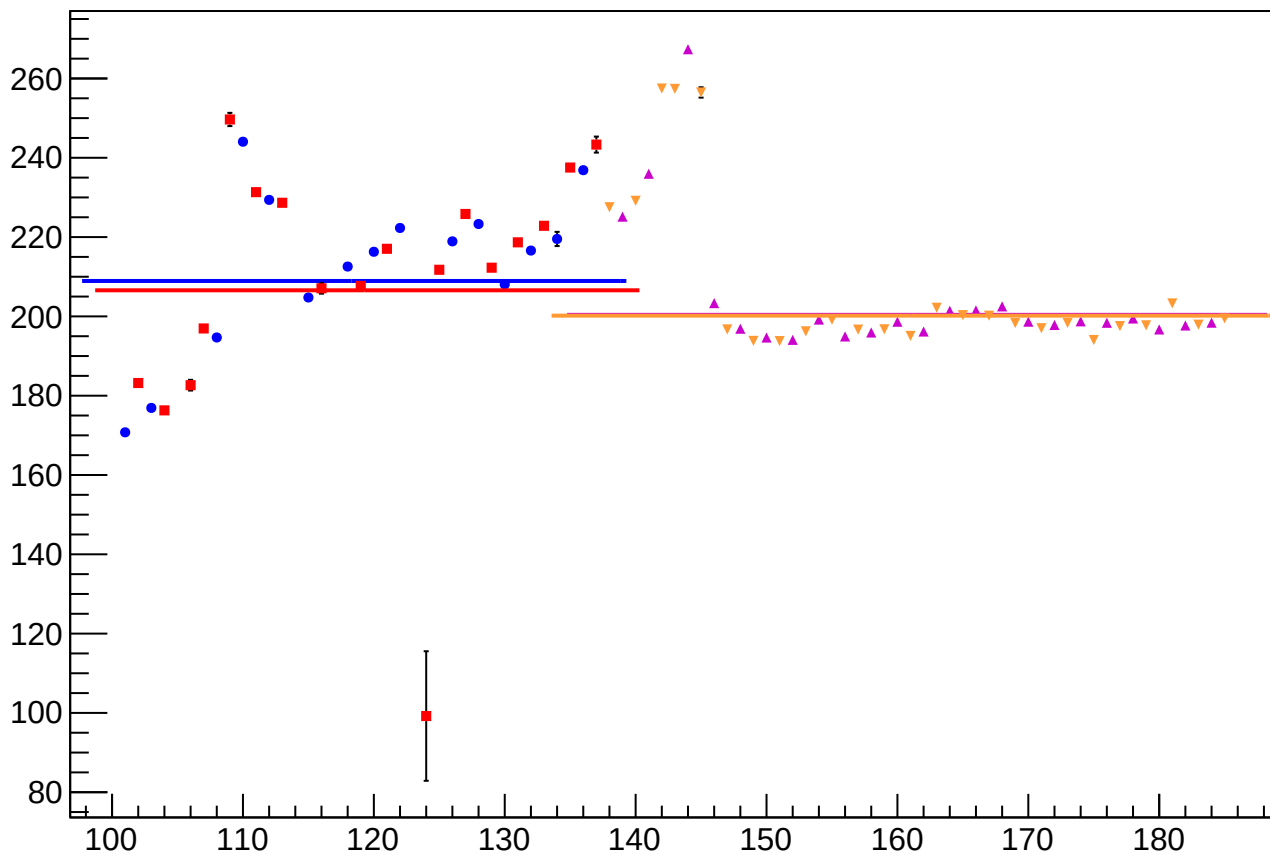
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.073 ± 0.040 χ^2/NDF : 92674.3/37

Out: -140.779 ± 0.037 χ^2/NDF : 105603.0/42

All: -140.915 ± 0.027 χ^2/NDF : 198306.2/80

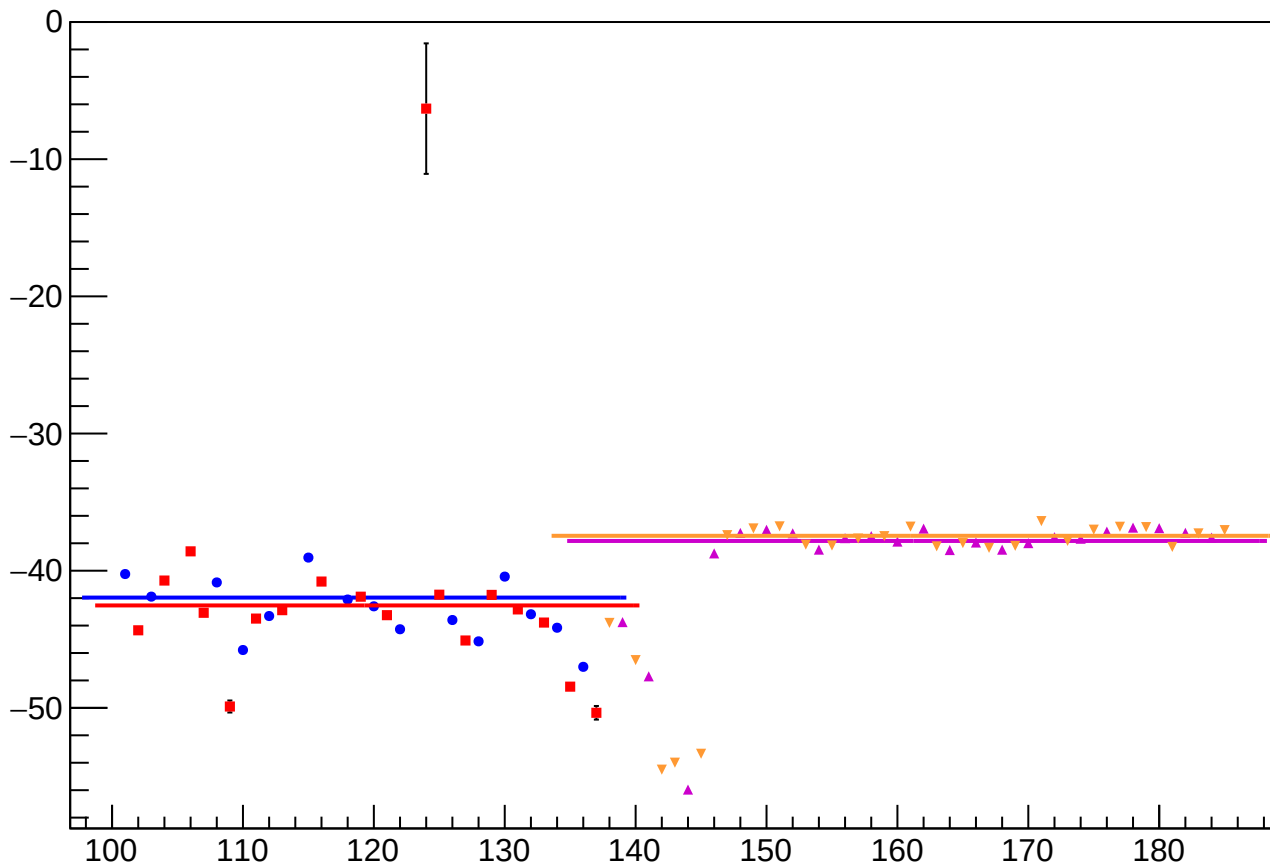
dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14
 Left Out: 200.189 $\pm$ 0.034 χ^2 /NDF:109338.8/24
 Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17
 Left In: 200.386 $\pm$ 0.039 χ^2 /NDF:77918.6/22

Left: 200.274 $\pm$ 0.026 χ^2 /NDF: 187271.7/47
 Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32
 In: 201.766 $\pm$ 0.036 χ^2 /NDF:130303.4/37
 Out: 201.109 $\pm$ 0.032 χ^2 /NDF:162604.1/42
 All: 201.396 $\pm$ 0.024 χ^2 /NDF: 293096.9/80

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2 /NDF: 24229.7/14

Left Out: -37.455 $\pm$ 0.004 χ^2 /NDF: 231678.2/24

Right Out: -42.532 $\pm$ 0.021 χ^2 /NDF: 6137.0/17

Left In: -37.832 $\pm$ 0.004 χ^2 /NDF: 142924.4/22

Left: -37.622 $\pm$ 0.003 χ^2 /NDF: 379151.4/47

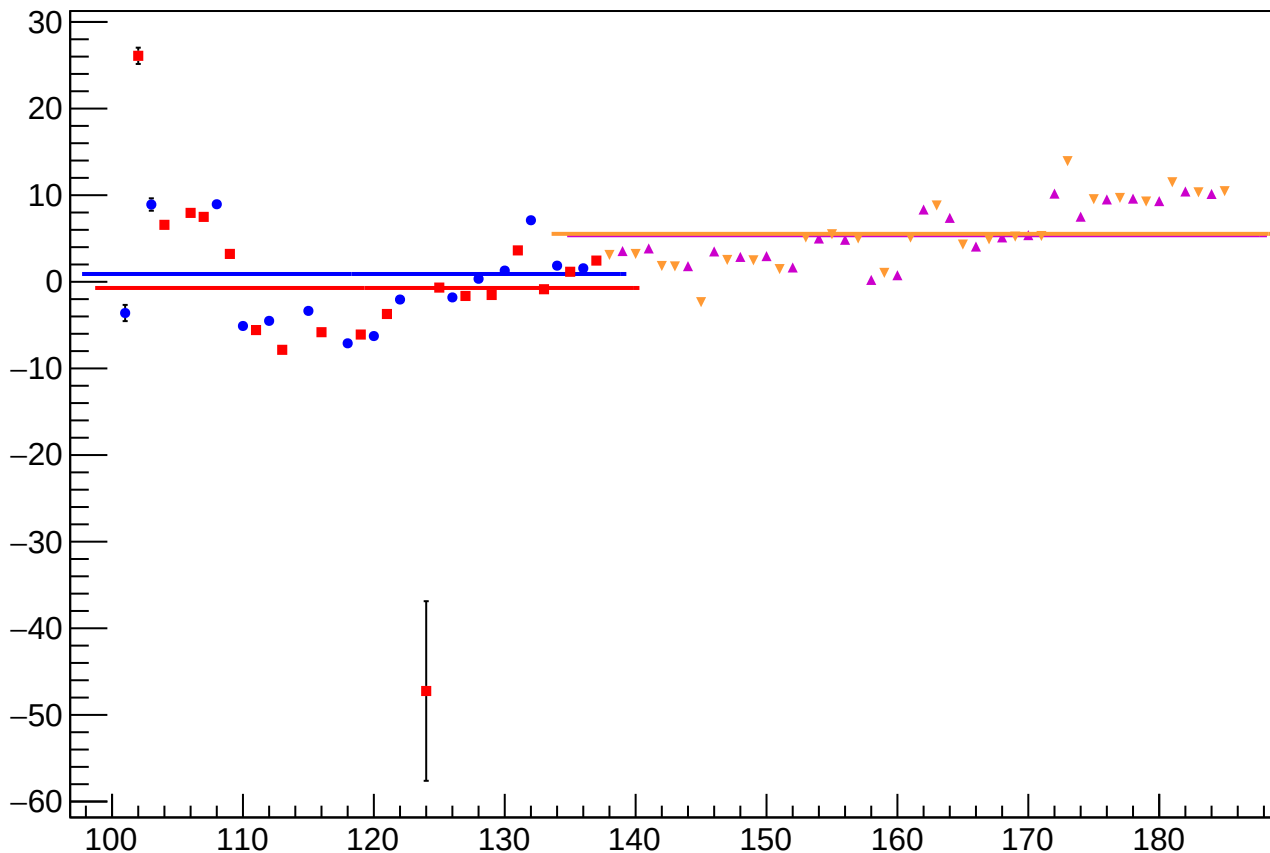
Right: -42.168 $\pm$ 0.012 χ^2 /NDF: 30855.6/32

In: -38.106 $\pm$ 0.004 χ^2 /NDF: 232460.0/37

Out: -37.614 $\pm$ 0.004 χ^2 /NDF: 296343.4/42

All: -37.836 $\pm$ 0.003 χ^2 /NDF: 537003.7/80

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 5.538 ± 0.006 χ^2/NDF : 302244.2/24

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 5.375 ± 0.007 χ^2/NDF : 205713.7/22

Left: 5.469 ± 0.004 χ^2/NDF : 508306.4/47

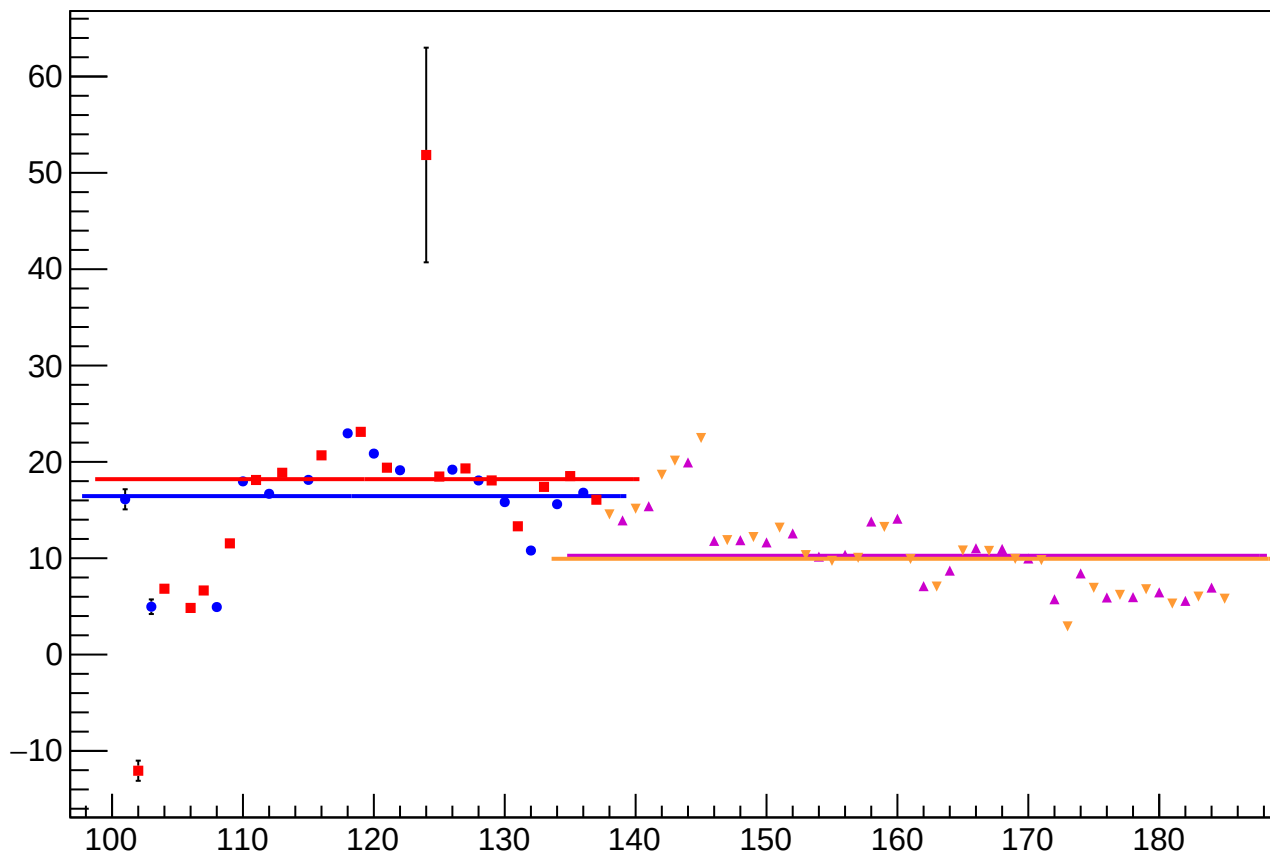
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 4.936 ± 0.006 χ^2/NDF : 271746.5/37

Out: 5.213 ± 0.006 χ^2/NDF : 395654.4/42

All: 5.092 ± 0.004 χ^2/NDF : 668495.1/80

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 9.943 $\pm$ 0.007 χ^2 /NDF: 211177.6/24

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 10.254 $\pm$ 0.008 χ^2 /NDF: 137399.6/22

Left: 10.079 $\pm$ 0.005 χ^2 /NDF: 349410.3/47

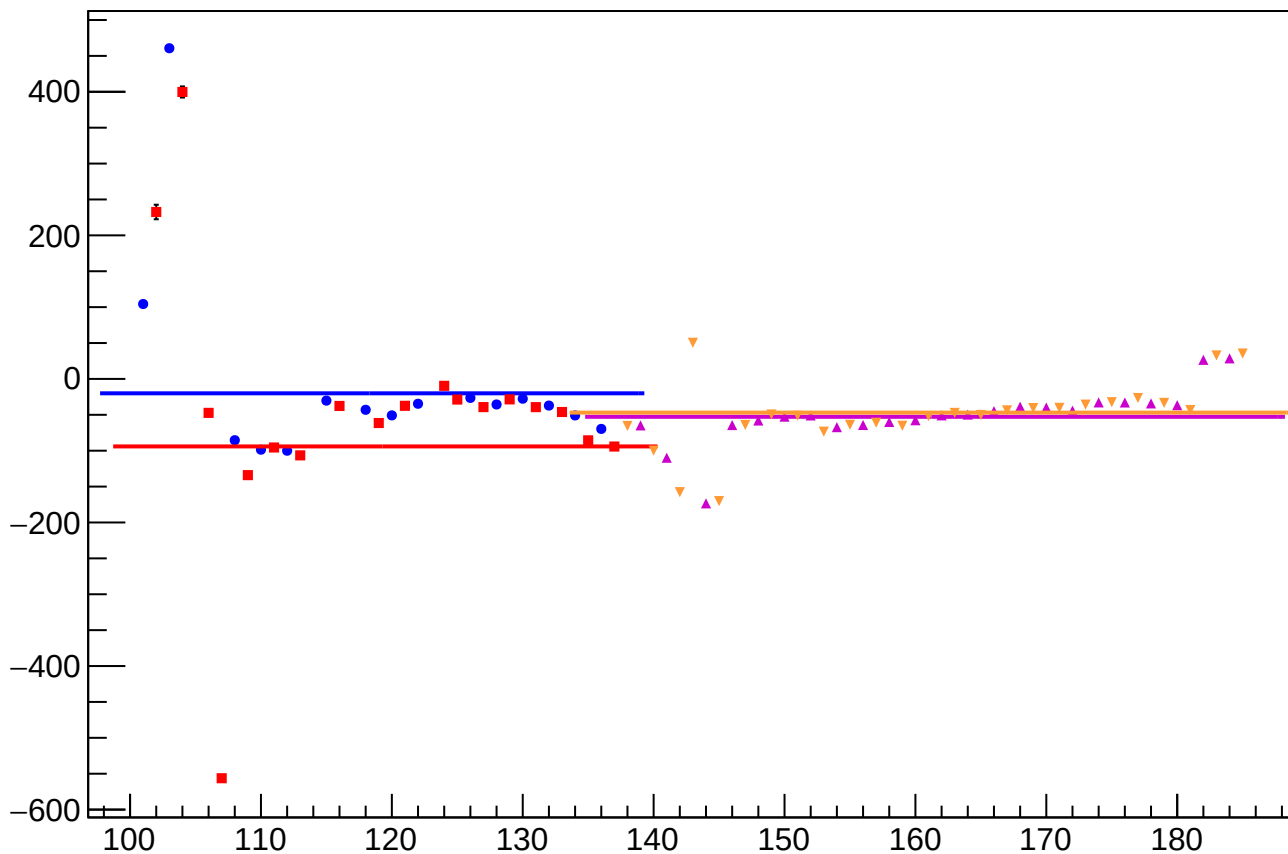
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 10.867 $\pm$ 0.008 χ^2 /NDF: 209587.5/37

Out: 10.845 $\pm$ 0.007 χ^2 /NDF: 384415.3/42

All: 10.855 $\pm$ 0.005 χ^2 /NDF: 594007.5/80

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -46.911 ± 0.088 $\chi^2/\text{NDF}: 93528.9/24$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -52.769 ± 0.103 $\chi^2/\text{NDF}: 70359.7/22$

Left: -49.394 ± 0.067 $\chi^2/\text{NDF}: 165749.2/47$

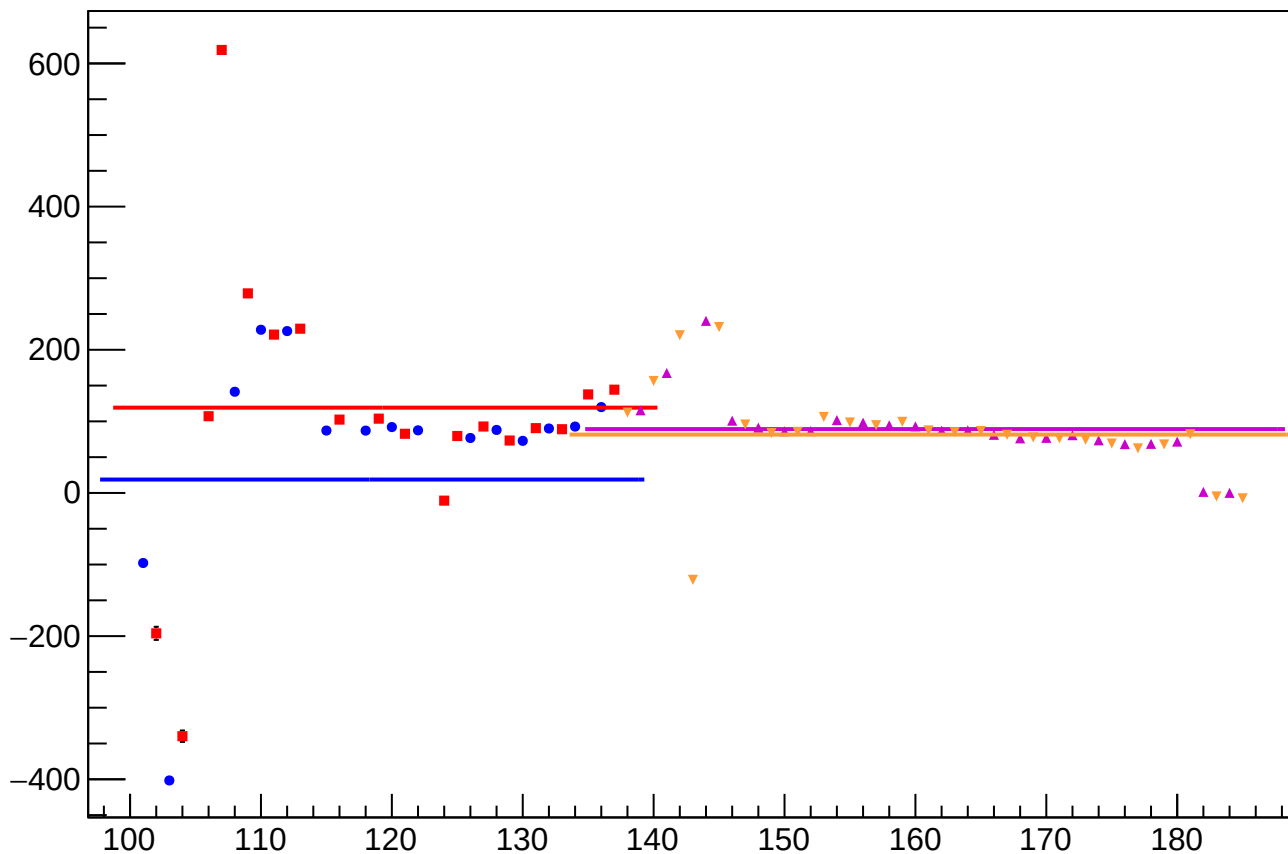
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.570 ± 0.086 $\chi^2/\text{NDF}: 543217.2/37$

Out: -93.136 ± 0.012 $\chi^2/\text{NDF}: 459775.4/42$

All: -92.109 ± 0.012 $\chi^2/\text{NDF}: 1345546.6/80$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 $\chi^2/\text{NDF}: 1101803.8/14$

Left Out: 81.552 ± 0.078 $\chi^2/\text{NDF}: 225767.9/24$

Right Out: 119.167 ± 0.199 $\chi^2/\text{NDF}: 87450.0/17$

Left In: 89.202 ± 0.090 $\chi^2/\text{NDF}: 95378.9/22$

Left: 84.845 ± 0.059 $\chi^2/\text{NDF}: 325272.8/47$

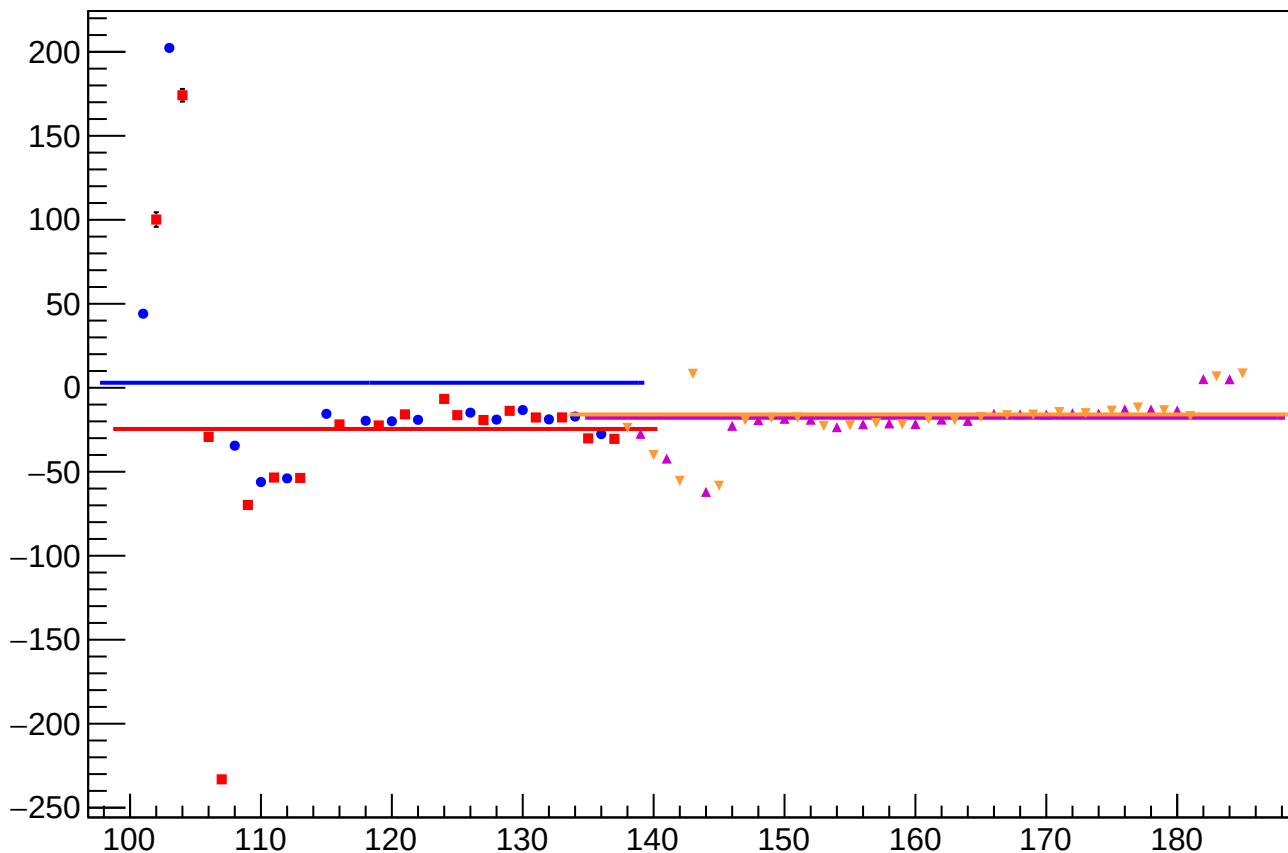
Right: 55.701 ± 0.121 $\chi^2/\text{NDF}: 1349806.5/32$

In: 70.958 ± 0.077 $\chi^2/\text{NDF}: 1356323.7/37$

Out: 86.565 ± 0.073 $\chi^2/\text{NDF}: 344106.9/42$

All: 79.243 ± 0.053 $\chi^2/\text{NDF}: 1722026.2/80$

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -15.872 ± 0.011 $\chi^2/\text{NDF}: 680559.7/24$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -17.854 ± 0.012 $\chi^2/\text{NDF}: 251583.5/22$

Left: -16.738 ± 0.008 $\chi^2/\text{NDF}: 947087.3/47$

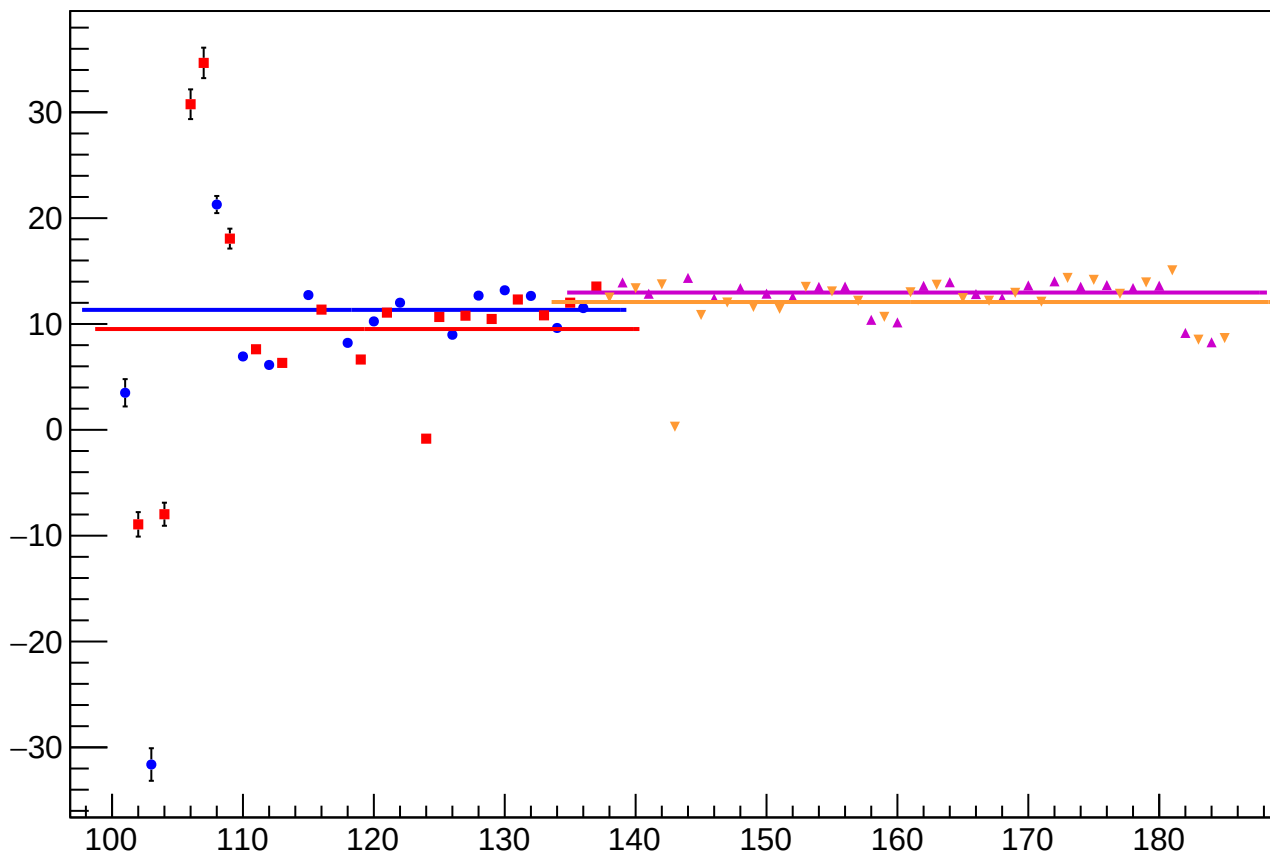
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -14.311 ± 0.011 $\chi^2/\text{NDF}: 4247266.7/37$

Out: -16.365 ± 0.010 $\chi^2/\text{NDF}: 894214.1/42$

All: -15.403 ± 0.008 $\chi^2/\text{NDF}: 5159735.5/80$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.077 $\pm$ 0.014 χ^2 /NDF:39214.1/24

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.971 $\pm$ 0.011 χ^2 /NDF:9592.9/22

Left: 12.607 $\pm$ 0.009 χ^2 /NDF: 51380.1/47

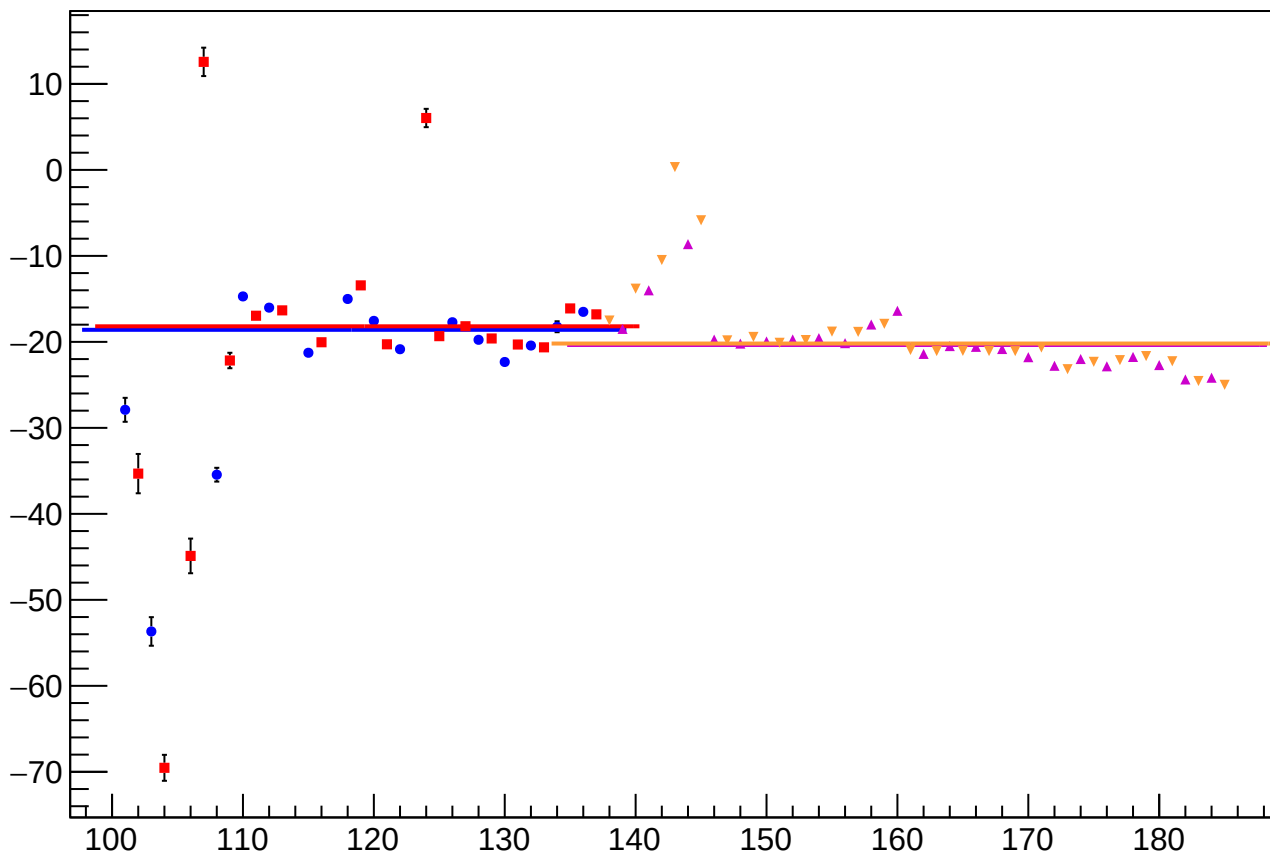
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.835 $\pm$ 0.011 χ^2 /NDF:13757.8/37

Out: 11.888 $\pm$ 0.013 χ^2 /NDF:45899.1/42

All: 12.451 $\pm$ 0.008 χ^2 /NDF: 62785.6/80

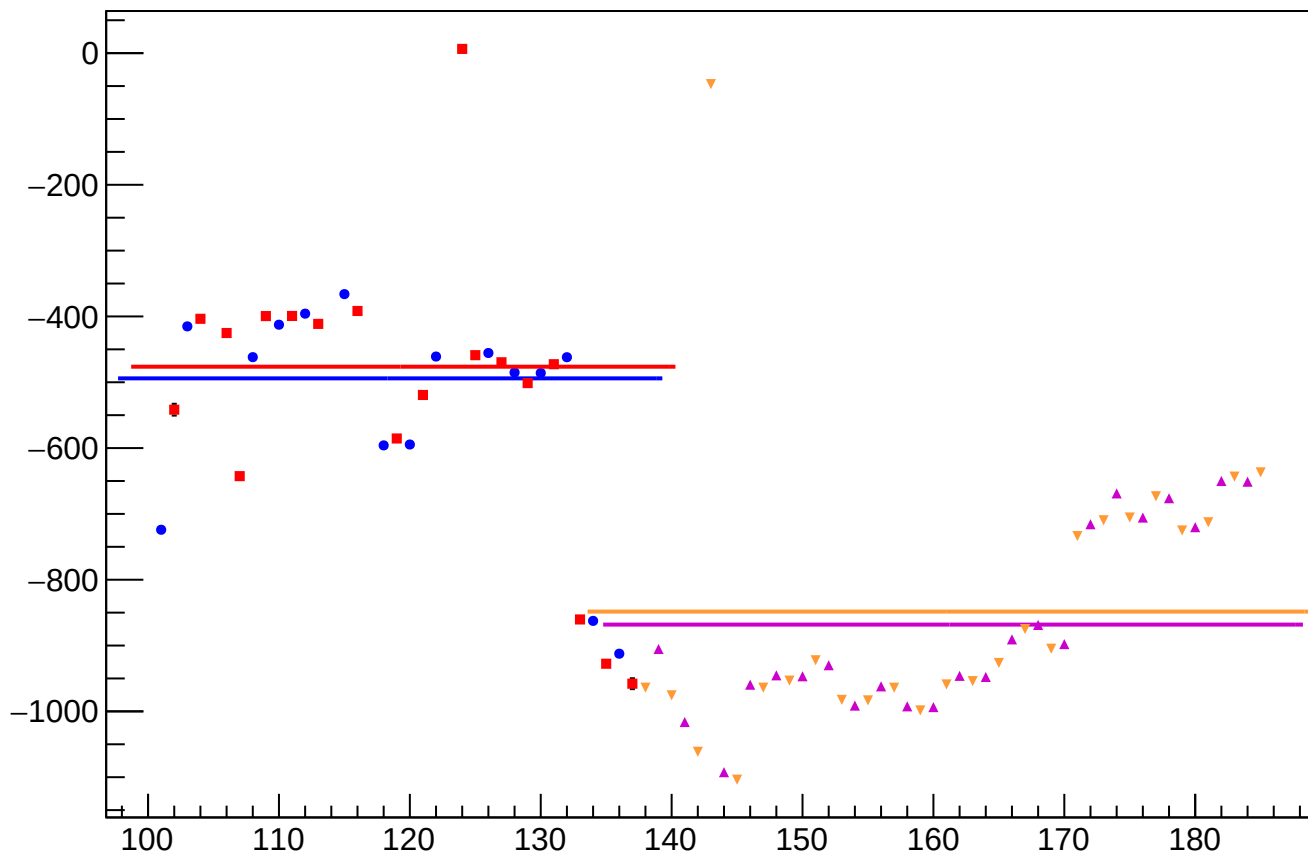
dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$
 Left Out: -20.193 ± 0.014 $\chi^2/\text{NDF}: 75225.7/24$
 Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$
 Left In: -20.362 ± 0.015 $\chi^2/\text{NDF}: 19964.2/22$

Left: -20.273 ± 0.010 $\chi^2/\text{NDF}: 95255.6/47$
 Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$
 In: -20.111 ± 0.014 $\chi^2/\text{NDF}: 28088.6/37$
 Out: -20.035 ± 0.014 $\chi^2/\text{NDF}: 81619.0/42$
 All: -20.073 ± 0.010 $\chi^2/\text{NDF}: 109722.4/80$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -848.390 $\pm$ 0.143 χ^2 /NDF:1065186.9/24

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -868.181 $\pm$ 0.145 χ^2 /NDF:820548.1/22

Left: -858.107 $\pm$ 0.102 χ^2 /NDF: 1895169.7/47

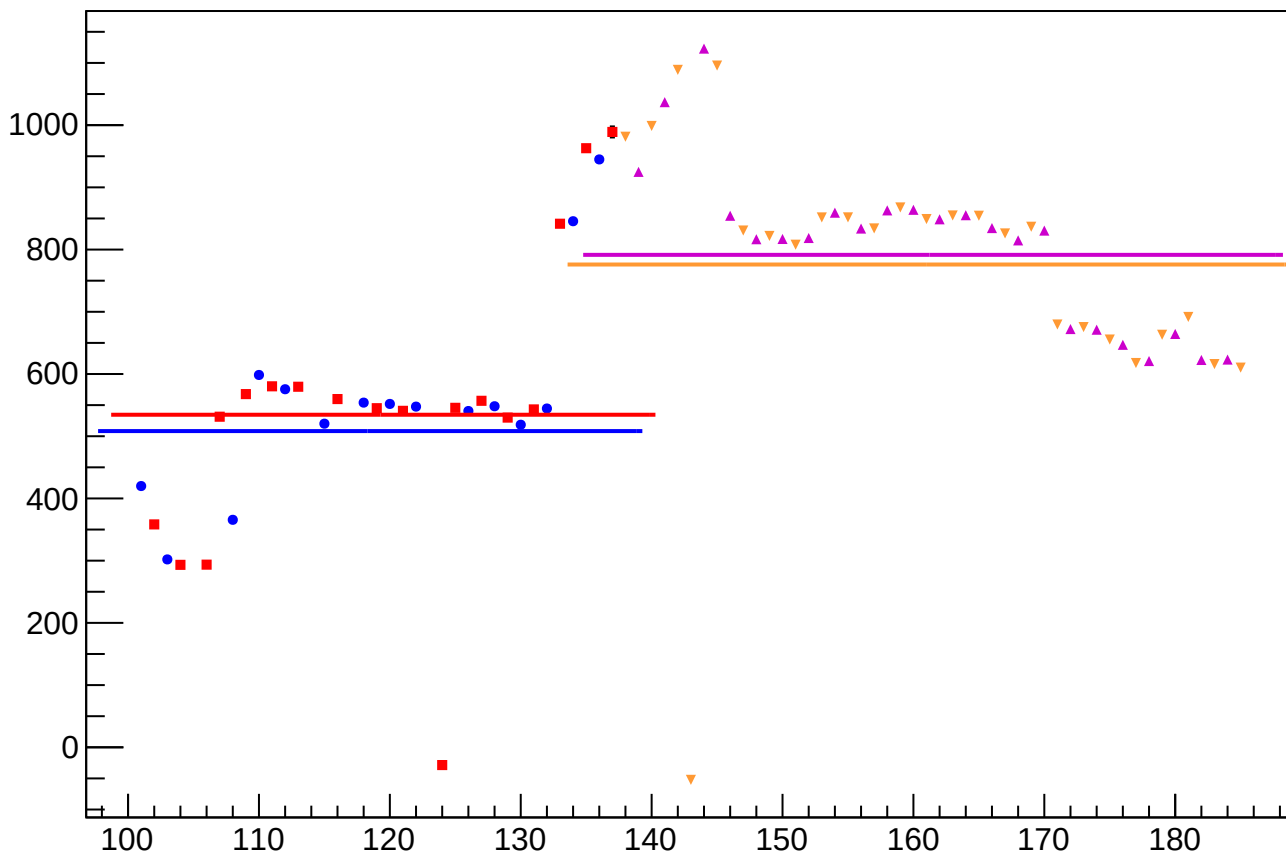
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -762.785 $\pm$ 0.123 χ^2 /NDF:3012572.4/37

Out: -709.638 $\pm$ 0.113 χ^2 /NDF:4191766.0/42

All: -733.935 $\pm$ 0.083 χ^2 /NDF: 7305367.6/80

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 775.990 $\pm$ 0.119 χ^2 /NDF:963824.4/24

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 791.519 $\pm$ 0.122 χ^2 /NDF:690326.2/22

Left: 783.574 $\pm$ 0.085 χ^2 /NDF: 1662483.6/47

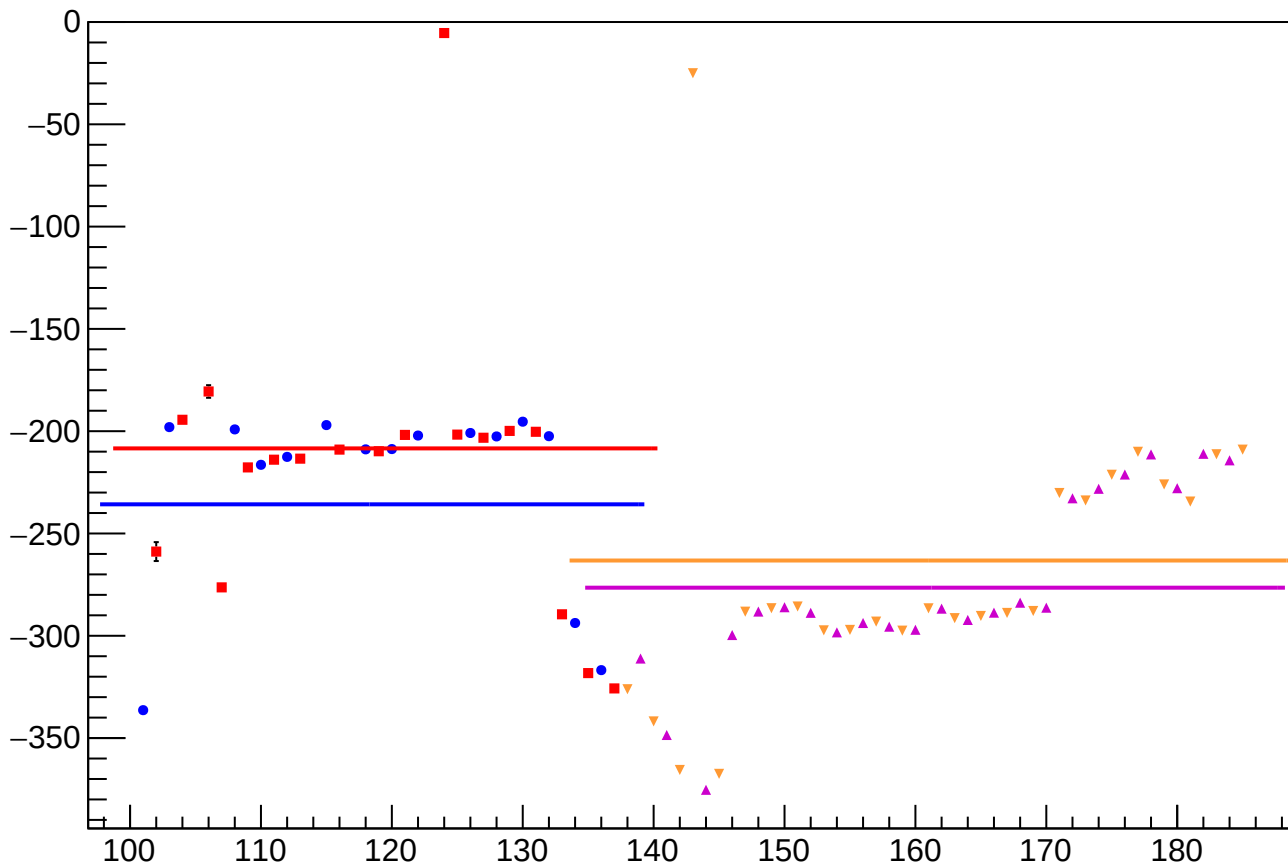
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 725.933 $\pm$ 0.107 χ^2 /NDF:2384544.5/37

Out: 720.321 $\pm$ 0.104 χ^2 /NDF:2283195.7/42

All: 723.064 $\pm$ 0.075 χ^2 /NDF: 4669155.5/80

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -263.212 ± 0.021 $\chi^2/\text{NDF}: 7613124.4/24$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -276.494 ± 0.022 $\chi^2/\text{NDF}: 2437121.4/22$

Left: -269.680 ± 0.015 $\chi^2/\text{NDF}: 10236839.5/47$

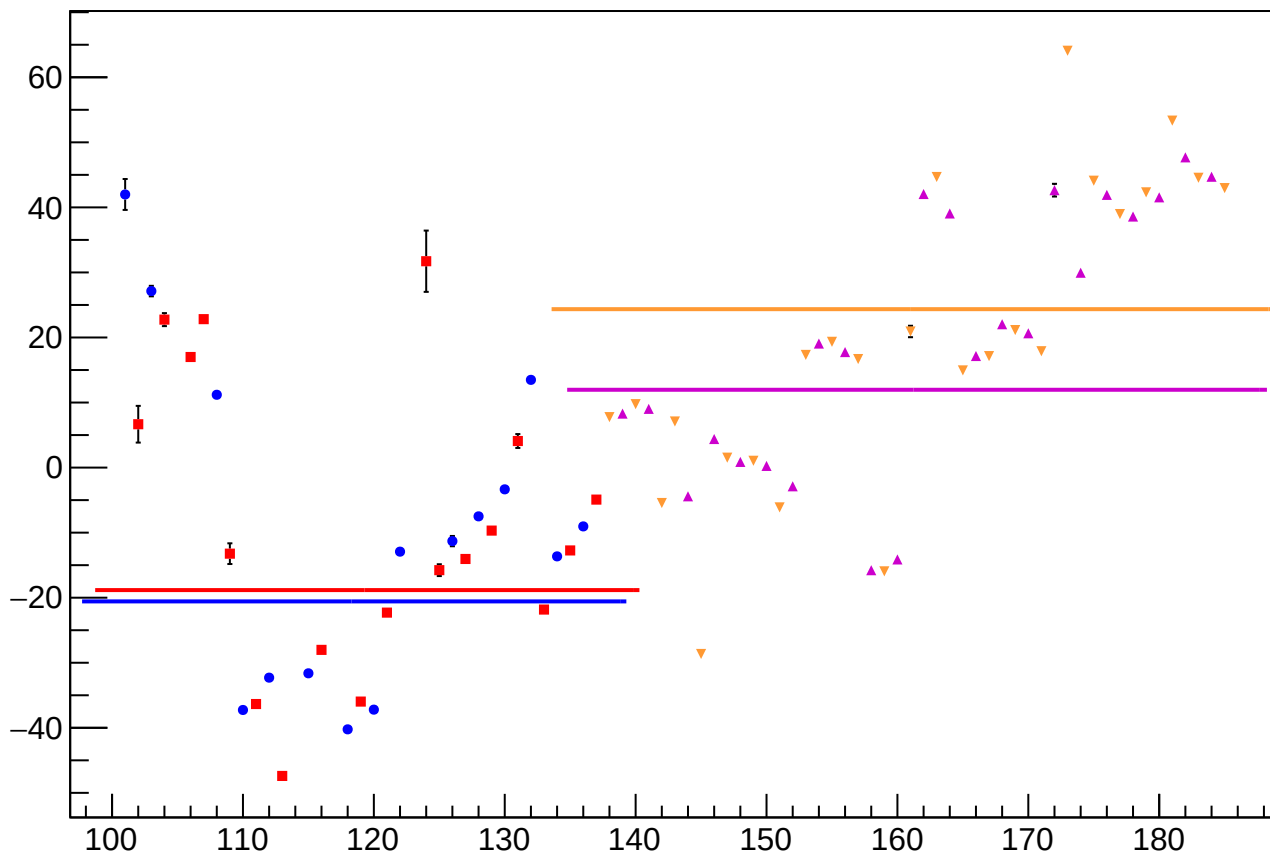
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -270.903 ± 0.020 $\chi^2/\text{NDF}: 3783032.3/37$

Out: -253.674 ± 0.020 $\chi^2/\text{NDF}: 9123219.8/42$

All: -261.877 ± 0.014 $\chi^2/\text{NDF}: 13277882.9/8$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569±/0.071 χ^2/NDF : 63404.0/14

Left Out: 24.354±/0.019 χ^2/NDF :1084274.8/24

Right Out: -18.831±/0.108 χ^2/NDF : 20855.1/17

Left In: 11.963±/0.018 χ^2/NDF :1338781.7/22

Left: 17.773±/0.013 χ^2/NDF : 2644061.2/47

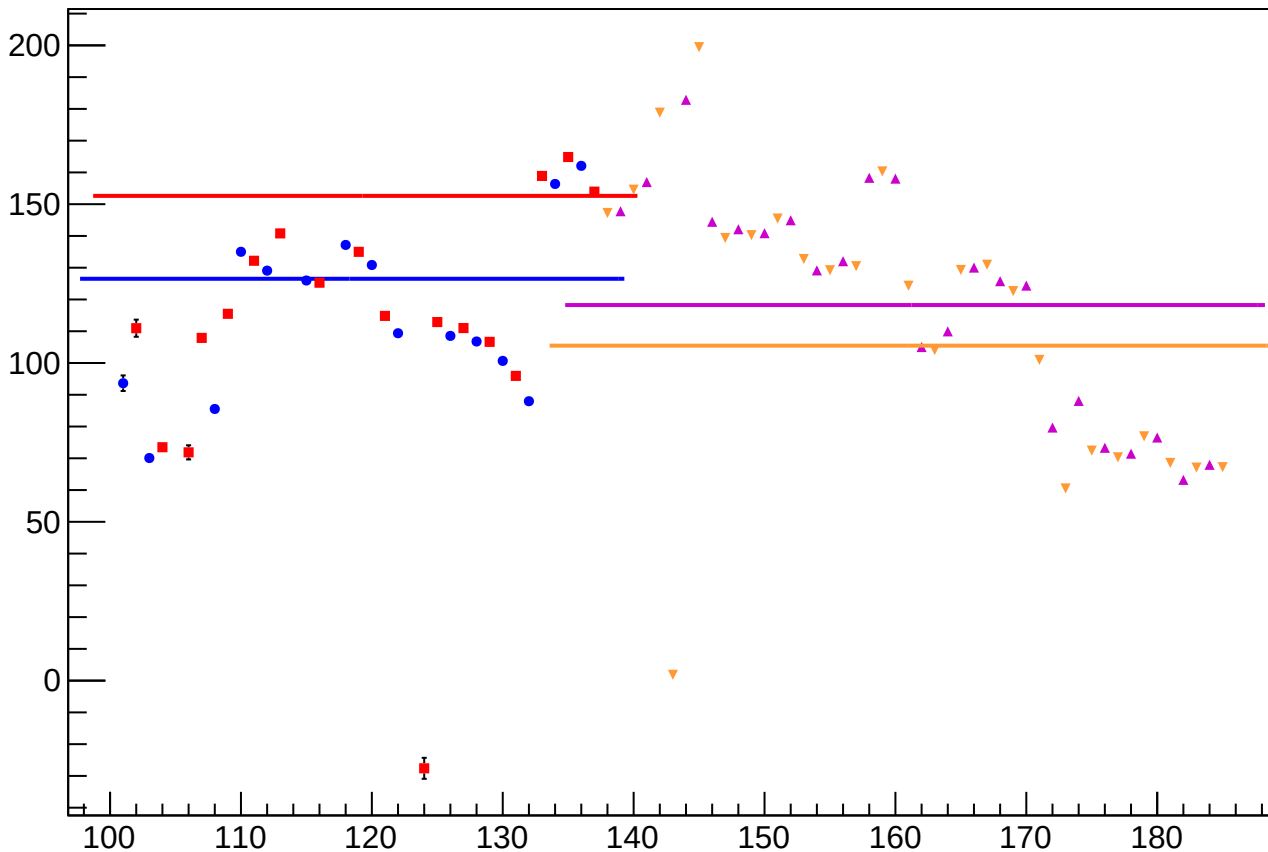
Right: -20.041±/0.060 χ^2/NDF : 84439.6/32

In: 10.007±/0.017 χ^2/NDF :1597641.2/37

Out: 23.030±/0.019 χ^2/NDF :1260095.6/42

All: 16.013±/0.013 χ^2/NDF : 3113262.9/80

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 105.462 $\pm$ 0.024 χ^2 /NDF:1985515.1/24

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 118.249 $\pm$ 0.024 χ^2 /NDF:1825537.3/22

Left: 111.846 $\pm$ 0.017 χ^2 /NDF: 3957741.1/47

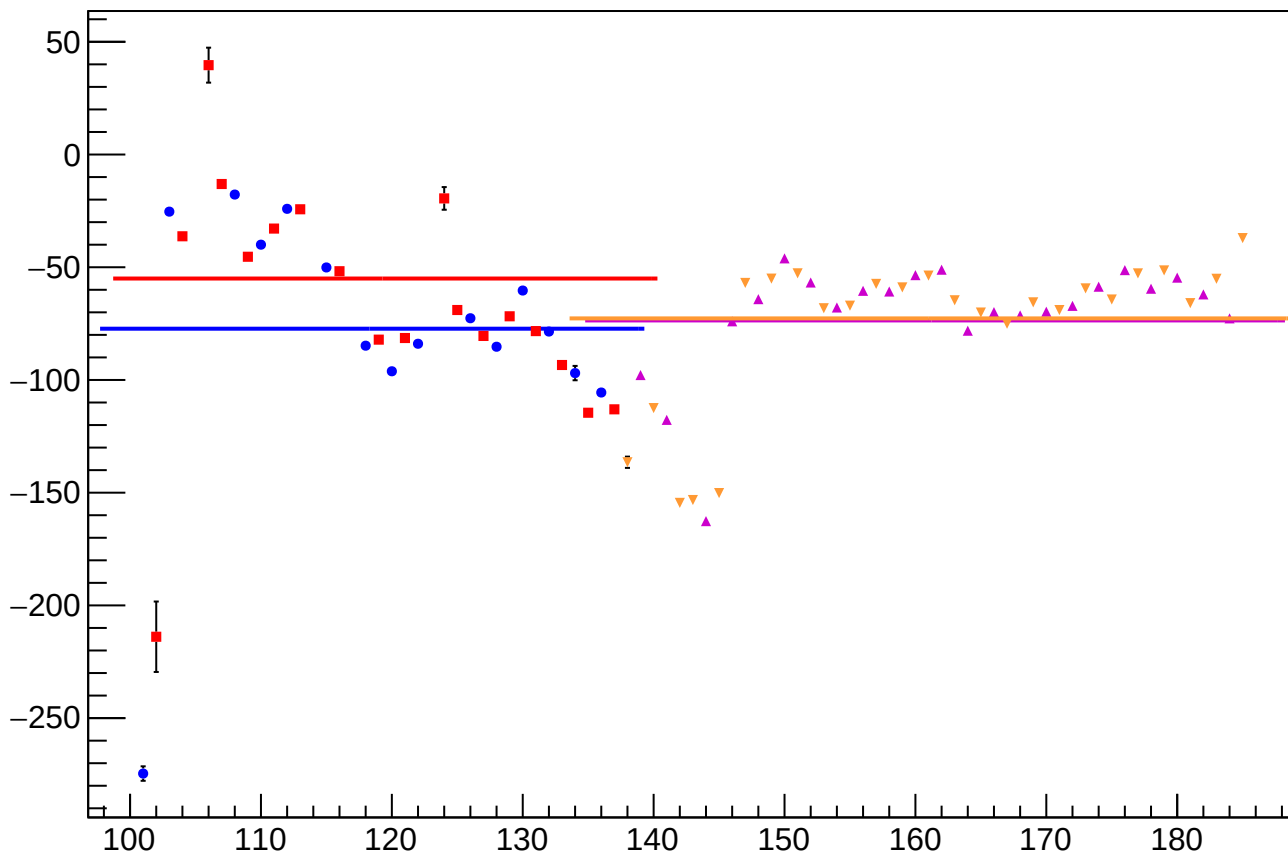
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 118.855 $\pm$ 0.023 χ^2 /NDF:1949484.4/37

Out: 123.221 $\pm$ 0.019 χ^2 /NDF:3564530.2/42

All: 121.468 $\pm$ 0.014 χ^2 /NDF: 5536073.0/80

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -72.691 ± 0.112 χ^2/NDF : 67815.2/24

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -73.591 ± 0.110 χ^2/NDF : 68577.9/22

Left: -73.146 ± 0.078 χ^2/NDF : 136426.0/47

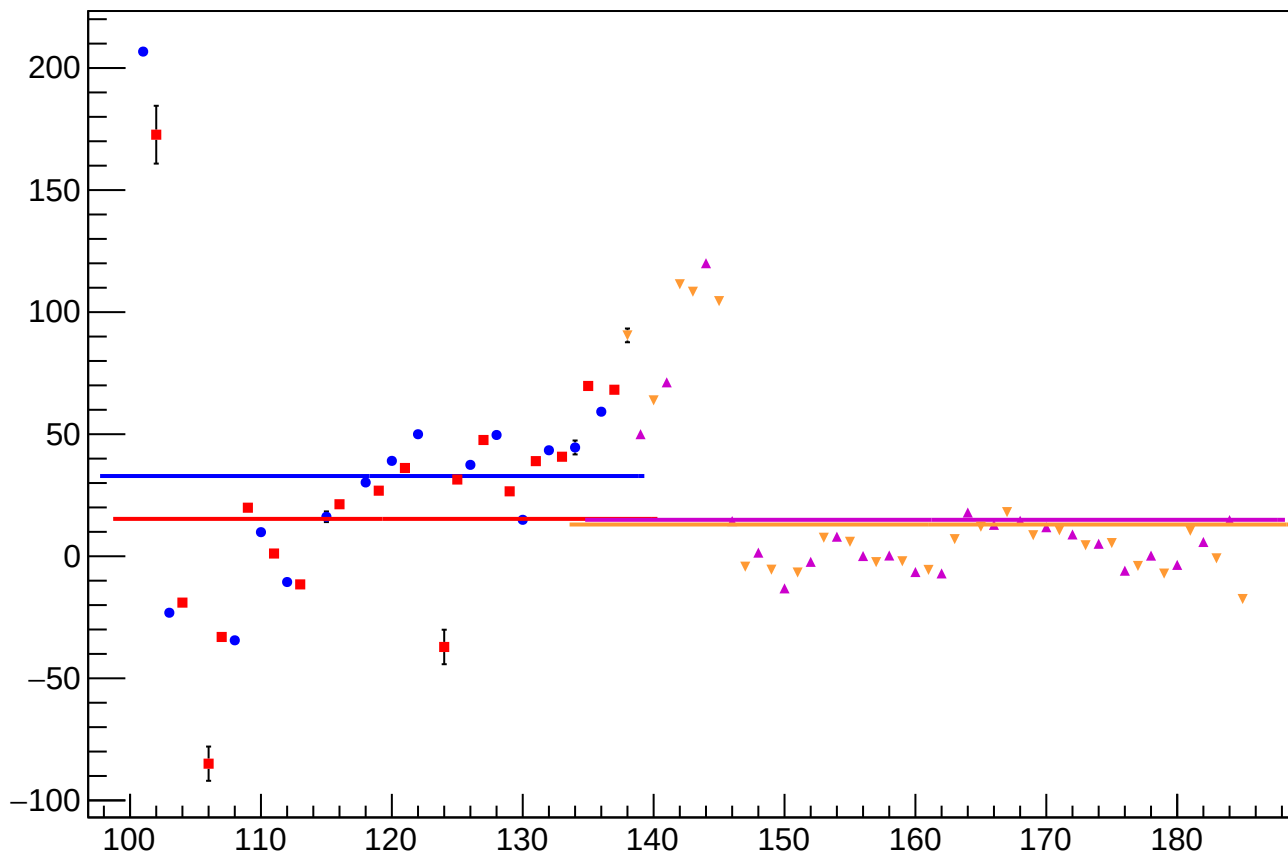
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -74.920 ± 0.088 χ^2/NDF : 99334.1/37

Out: -68.166 ± 0.096 χ^2/NDF : 97874.1/42

All: -71.839 ± 0.065 χ^2/NDF : 199886.8/80

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 $\chi^2/\text{NDF}: 31393.7/14$

Left Out: 13.005 ± 0.098 $\chi^2/\text{NDF}: 98369.5/24$

Right Out: 15.309 ± 0.210 $\chi^2/\text{NDF}: 16746.0/17$

Left In: 14.934 ± 0.098 $\chi^2/\text{NDF}: 96635.9/22$

Left: 13.966 ± 0.069 $\chi^2/\text{NDF}: 195199.6/47$

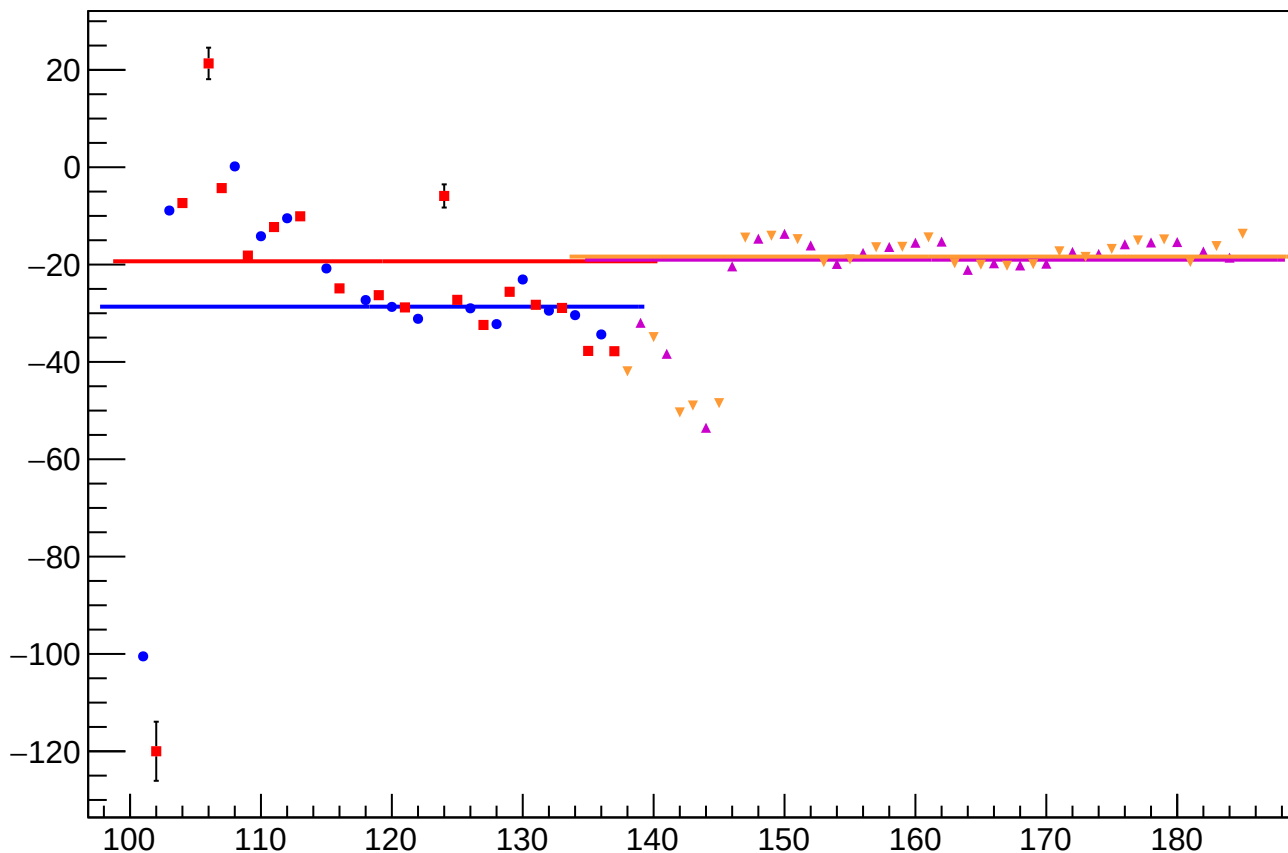
Right: 27.134 ± 0.120 $\chi^2/\text{NDF}: 52862.9/32$

In: 20.505 ± 0.081 $\chi^2/\text{NDF}: 138429.5/37$

Out: 13.416 ± 0.089 $\chi^2/\text{NDF}: 115214.7/42$

All: 17.258 ± 0.060 $\chi^2/\text{NDF}: 257120.2/80$

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.358 ± 0.013 $\chi^2/\text{NDF}: 235700.8/24$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -18.993 ± 0.014 $\chi^2/\text{NDF}: 207001.6/22$

Left: -18.650 ± 0.009 $\chi^2/\text{NDF}: 443821.8/47$

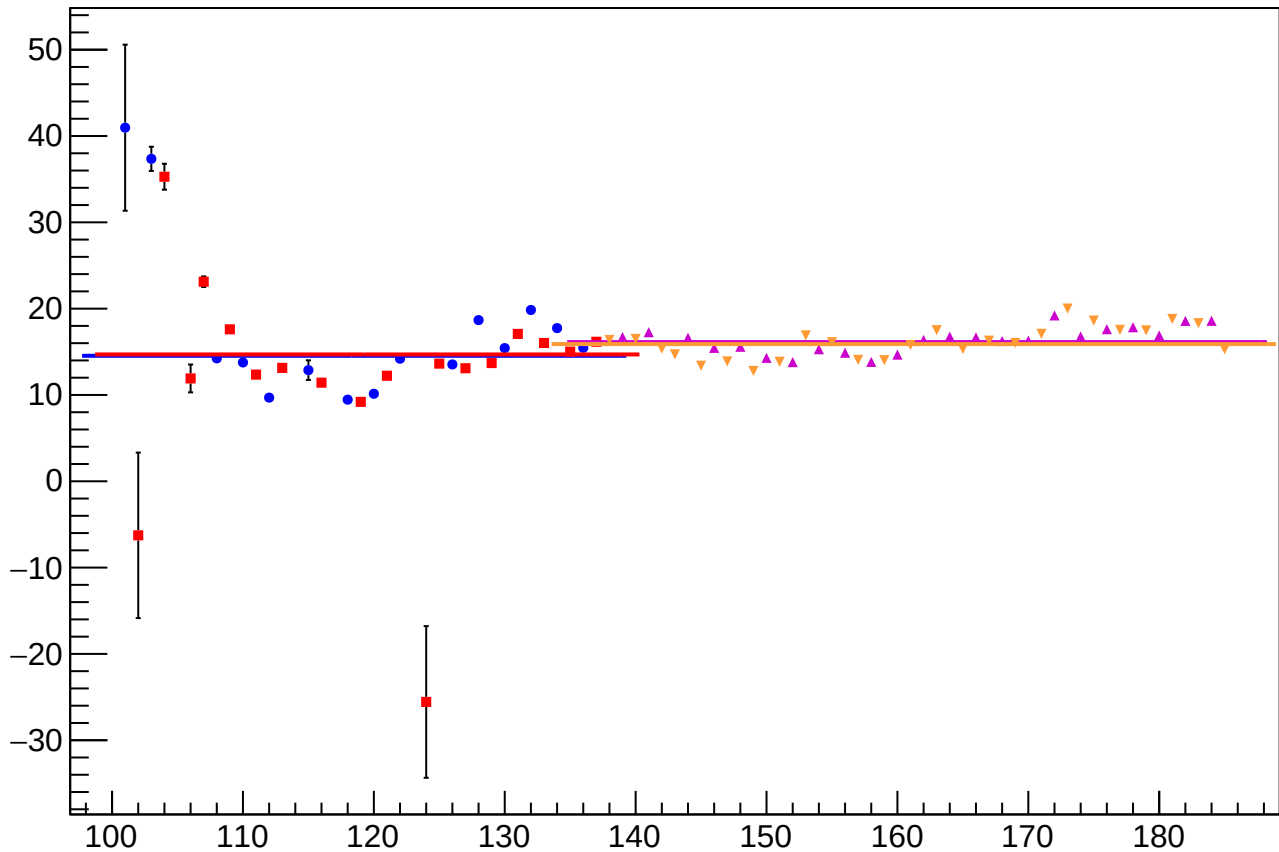
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.367 ± 0.013 $\chi^2/\text{NDF}: 388525.1/37$

Out: -18.451 ± 0.012 $\chi^2/\text{NDF}: 292824.9/42$

All: -19.358 ± 0.009 $\chi^2/\text{NDF}: 692924.7/80$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.893+/-0.014 χ^2/NDF :13302.3/24

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.127+/-0.013 χ^2/NDF :12045.9/22

Left: 16.019+/-0.009 χ^2/NDF : 25505.4/47

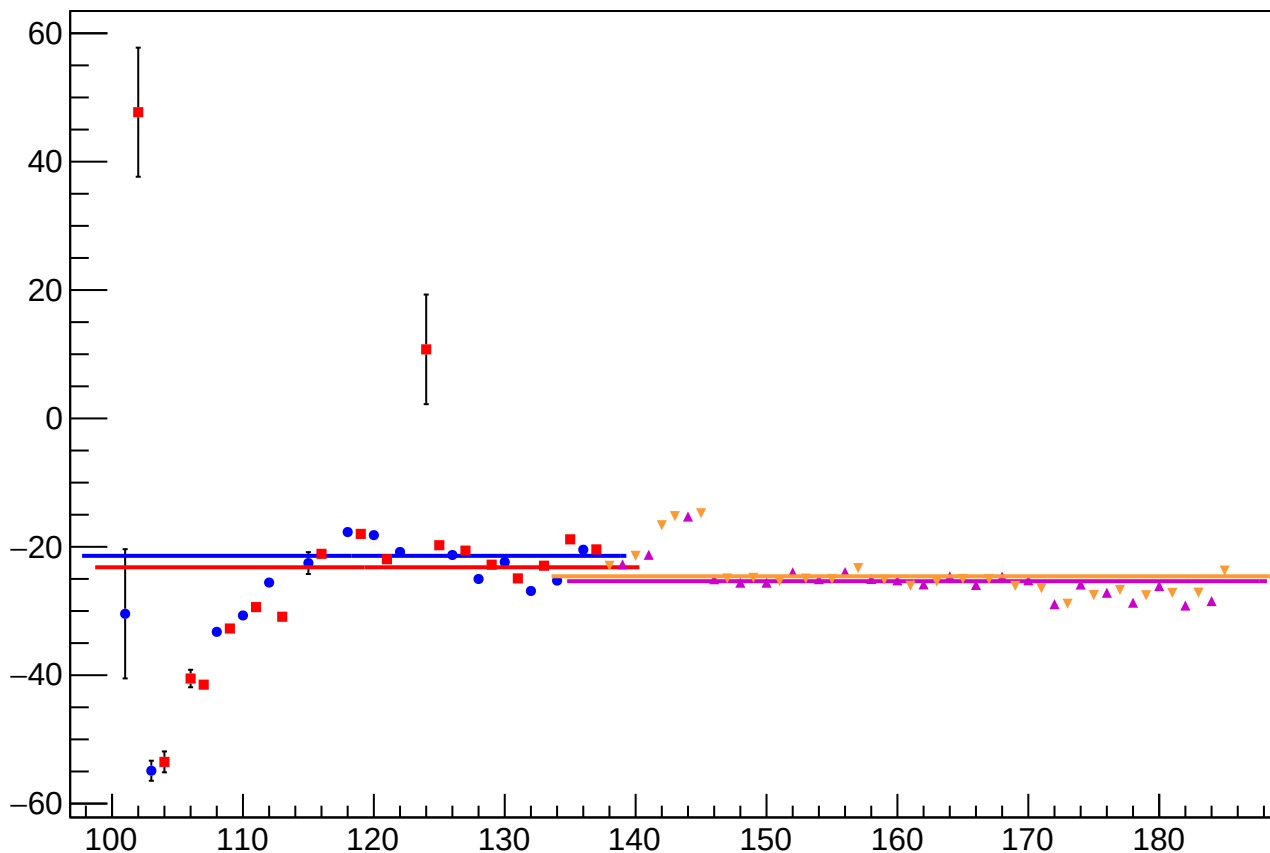
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.884+/-0.012 χ^2/NDF :26522.5/37

Out: 15.785+/-0.013 χ^2/NDF :15625.2/42

All: 15.840+/-0.009 χ^2/NDF : 42179.7/80

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -24.590 ± 0.015 $\chi^2/\text{NDF}: 44082.1/24$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -25.356 ± 0.016 $\chi^2/\text{NDF}: 16913.2/22$

Left: -24.964 ± 0.011 $\chi^2/\text{NDF}: 62191.0/47$

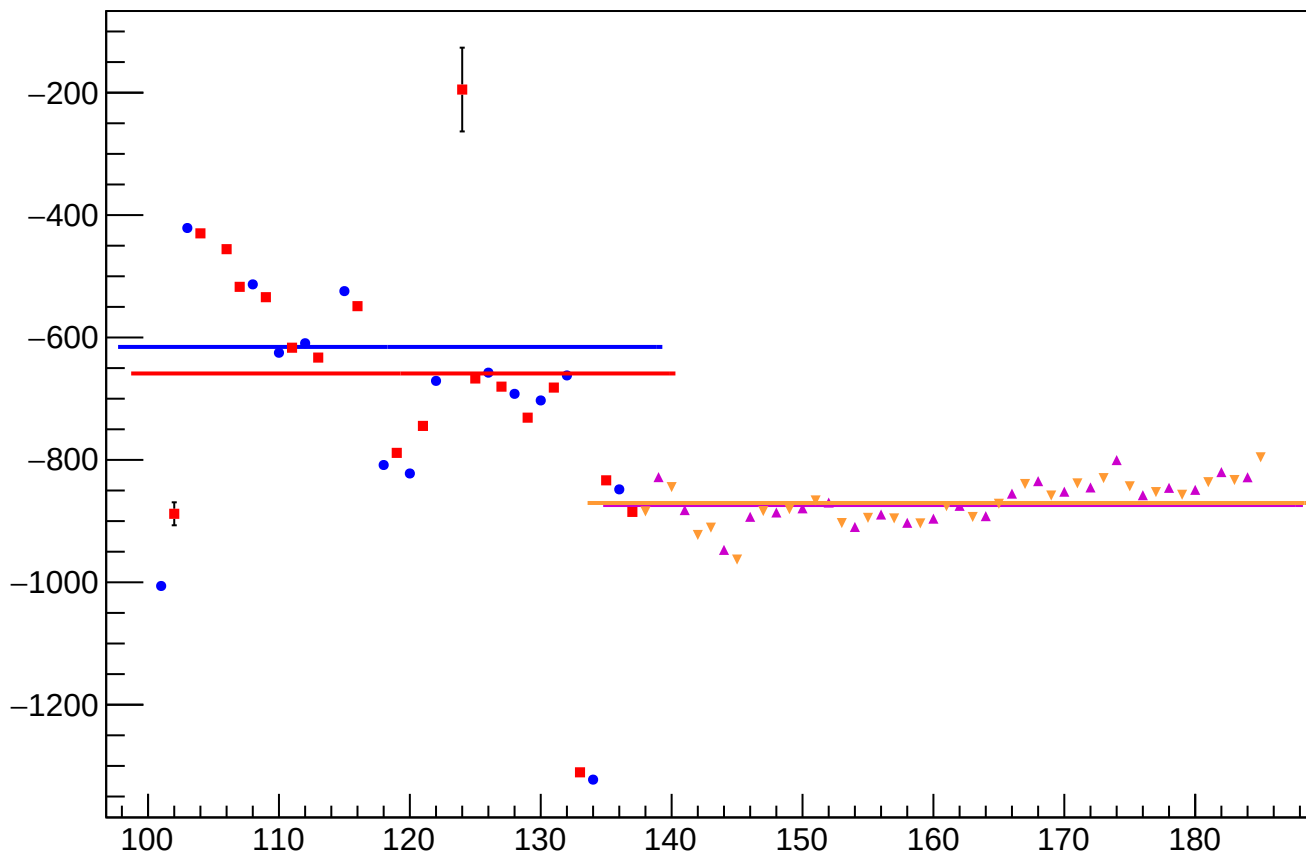
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -24.701 ± 0.014 $\chi^2/\text{NDF}: 36886.6/37$

Out: -24.472 ± 0.015 $\chi^2/\text{NDF}: 53899.9/42$

All: -24.589 ± 0.010 $\chi^2/\text{NDF}: 90909.3/80$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -870.393+/-0.127 χ^2/NDF : 53445.2/24

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.739+/-0.123 χ^2/NDF : 58452.7/22

Left: -872.121+/-0.089 χ^2/NDF : 112254.1/47

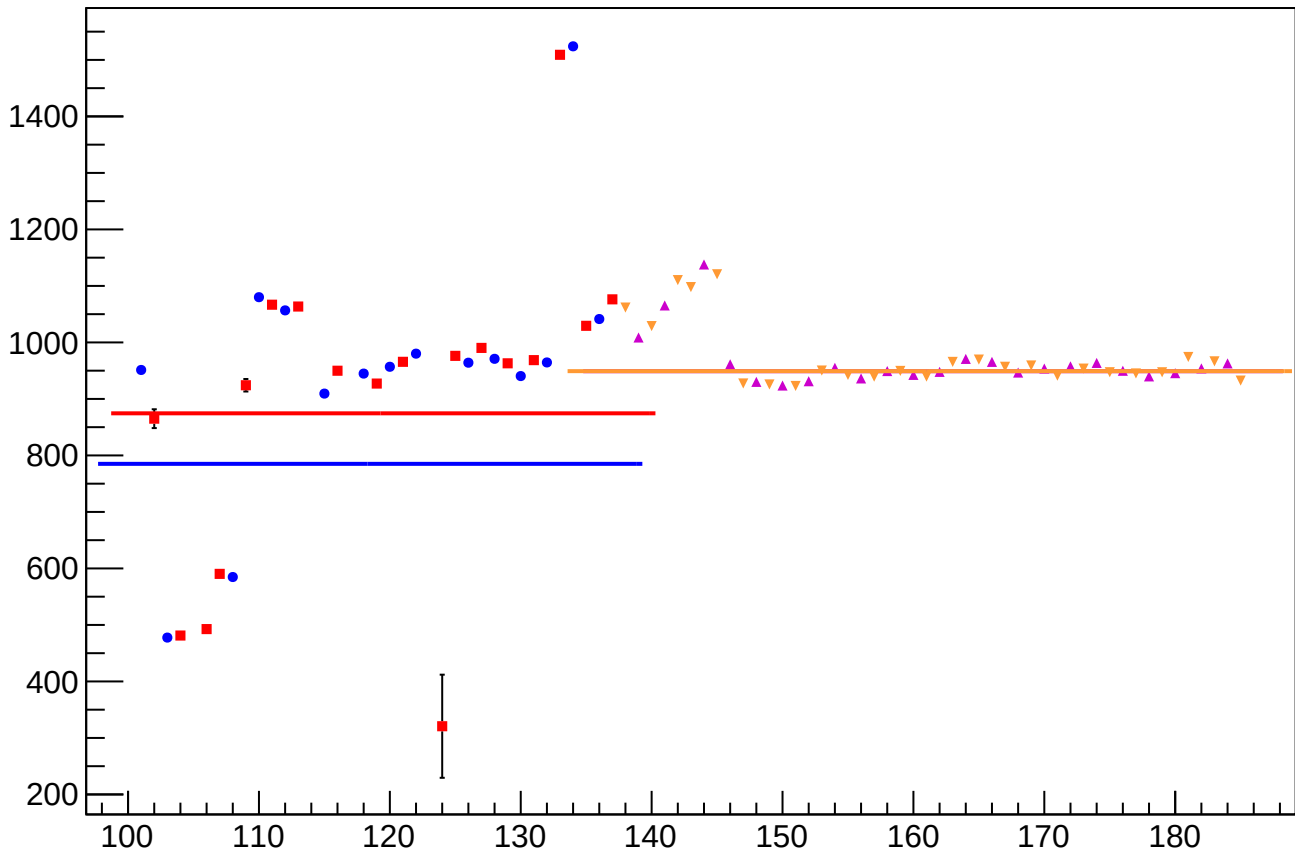
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.940+/-0.109 χ^2/NDF : 1372520.1/37

Out: -828.459+/-0.114 χ^2/NDF : 985284.7/42

All: -823.501+/-0.079 χ^2/NDF : 2361430.1/80

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2 /NDF: 886147.1/14

Left Out: 949.147 $\pm$ 0.102 χ^2 /NDF: 74602.4/24

Right Out: 874.516 $\pm$ 0.261 χ^2 /NDF: 842565.5/17

Left In: 949.032 $\pm$ 0.102 χ^2 /NDF: 76875.5/22

Left: 949.090 $\pm$ 0.072 χ^2 /NDF: 151478.6/47

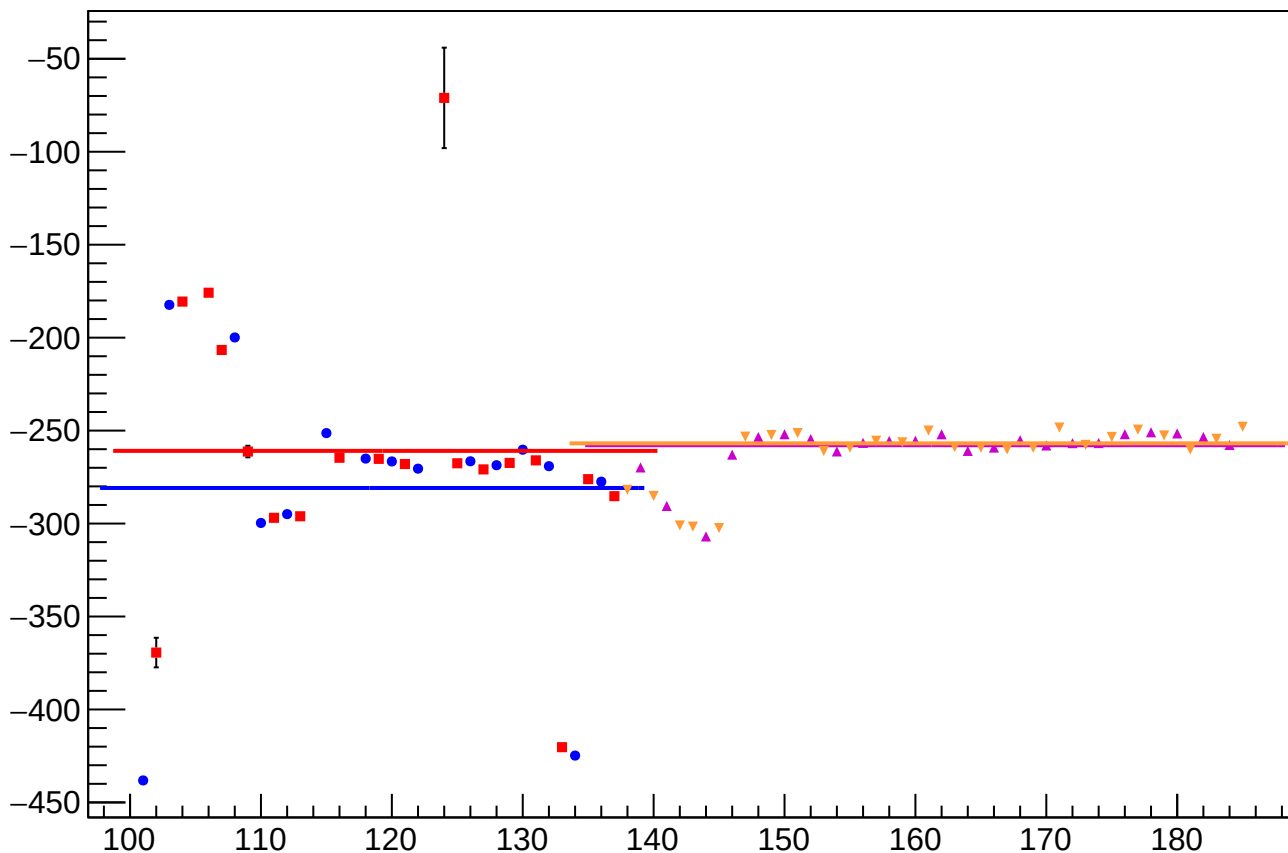
Right: 823.762 $\pm$ 0.172 χ^2 /NDF: 1795202.4/32

In: 921.528 $\pm$ 0.093 χ^2 /NDF: 1393133.4/37

Out: 939.336 $\pm$ 0.095 χ^2 /NDF: 988040.6/42

All: 930.307 $\pm$ 0.067 χ^2 /NDF: 2399091.8/80

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856+/-0.059 χ^2/NDF : 873611.1/14

Left Out: -256.849+/-0.019 χ^2/NDF :185506.0/24

Right Out: -260.897+/-0.068 χ^2/NDF : 347717.5/17

Left In: -257.860+/-0.019 χ^2/NDF :208410.5/22

Left: -257.369+/-0.013 χ^2/NDF : 395353.8/47

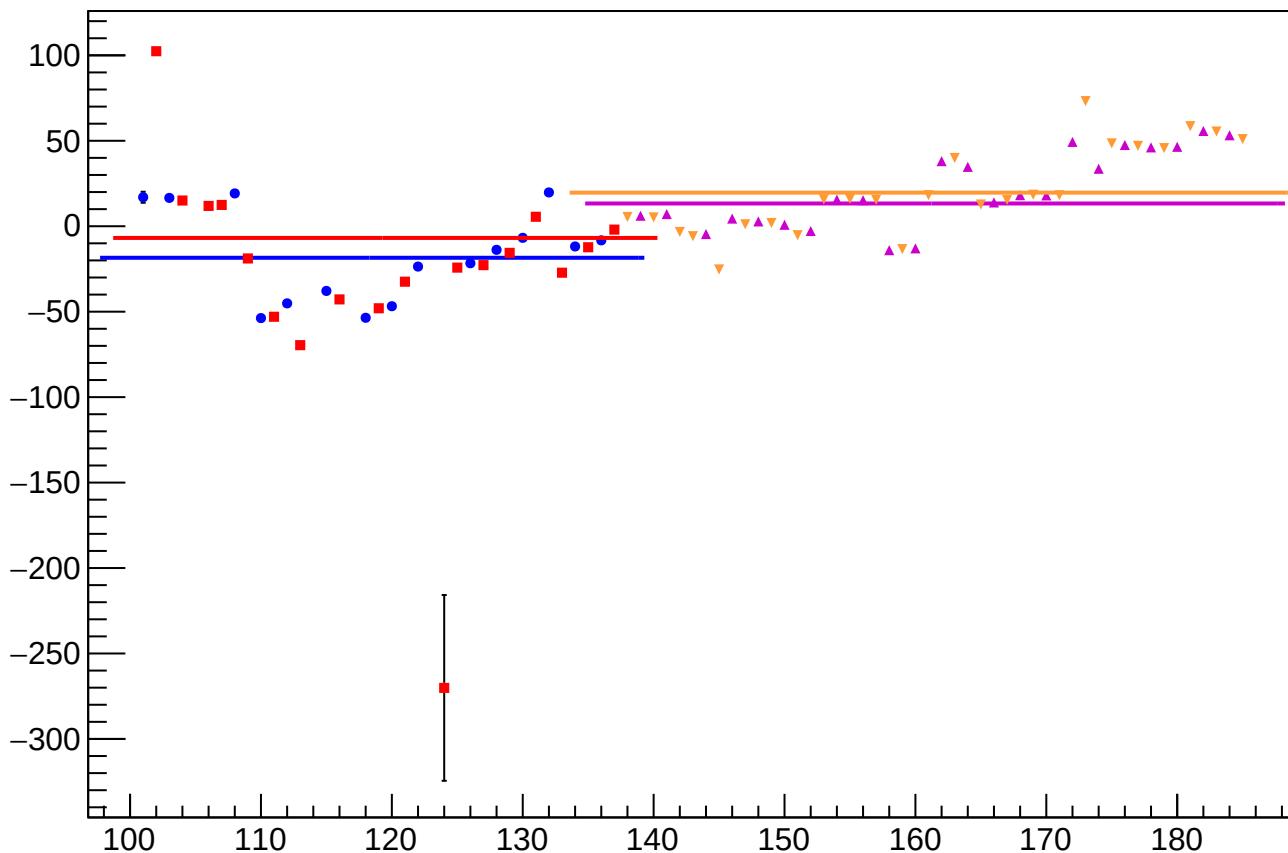
Right: -272.298+/-0.044 χ^2/NDF : 1271185.3/32

In: -259.966+/-0.018 χ^2/NDF :1222236.8/37

Out: -257.149+/-0.018 χ^2/NDF :536547.1/42

All: -258.612+/-0.013 χ^2/NDF : 1770938.2/80

dit_atr2_4aY_slope vs Slug, Sign Corrected



Left: 16.526 ± 0.013 $\chi^2/\text{NDF} = 2437486.7/47$

Right: -10.715 ± 0.053 $\chi^2/\text{NDF} = 107378.5/32$

In: 12.027 ± 0.018 $\chi^2/\text{NDF} = 1186597.8/37$

Out: 17.646 ± 0.018 $\chi^2/\text{NDF} = 1561381.7/42$

All: 14.924 ± 0.013 $\chi^2/\text{NDF} = 2796215.0/80$

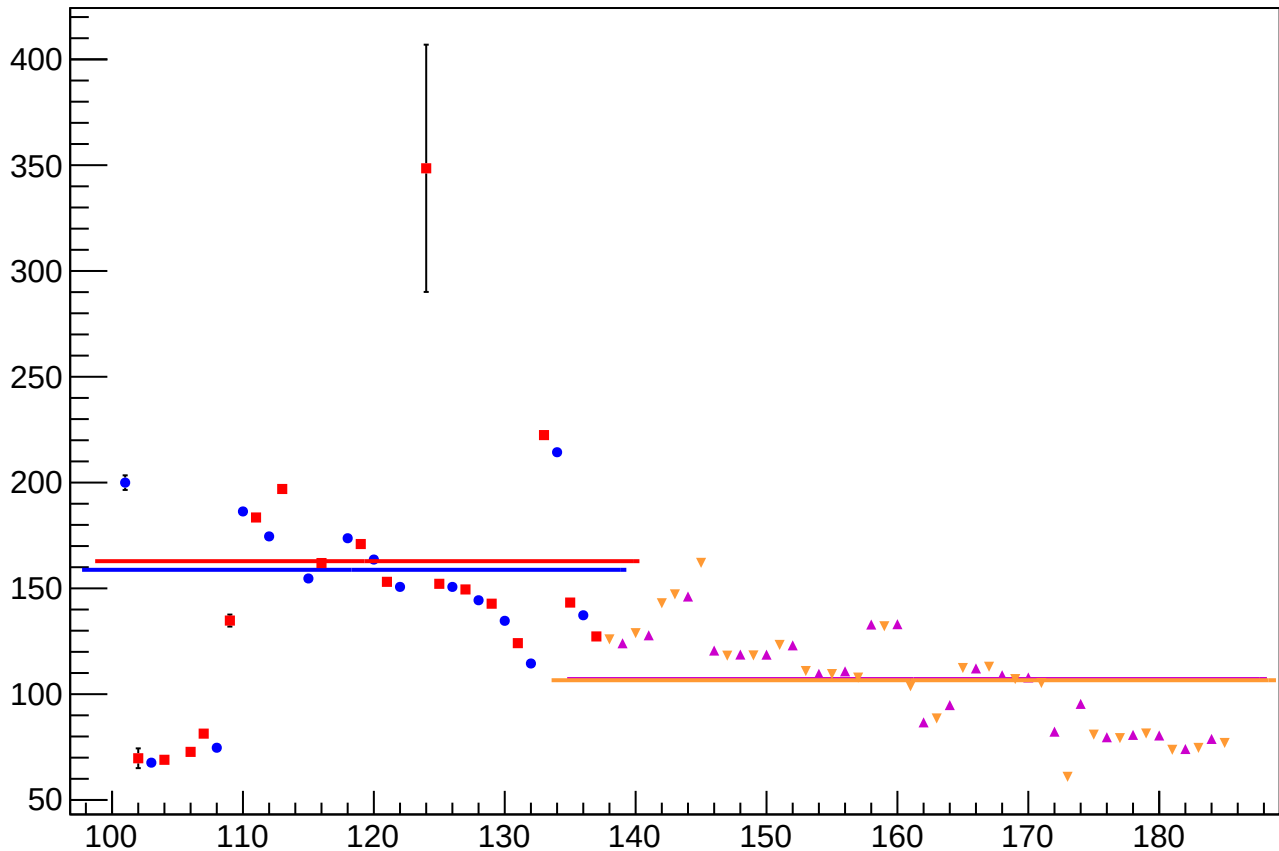
Right In: -18.452 ± 0.091 $\chi^2/\text{NDF} = 46574.6/14$

Left Out: 19.663 ± 0.019 $\chi^2/\text{NDF} = 1355685.0/24$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF} = 50023.0/17$

Left In: 13.314 ± 0.019 $\chi^2/\text{NDF} = 1023799.5/22$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 106.589 $\pm$ 0.022 χ^2 /NDF: 684837.0/24

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 107.162 $\pm$ 0.020 χ^2 /NDF: 786041.1/22

Left: 106.913 $\pm$ 0.015 χ^2 /NDF: 1471247.0/47

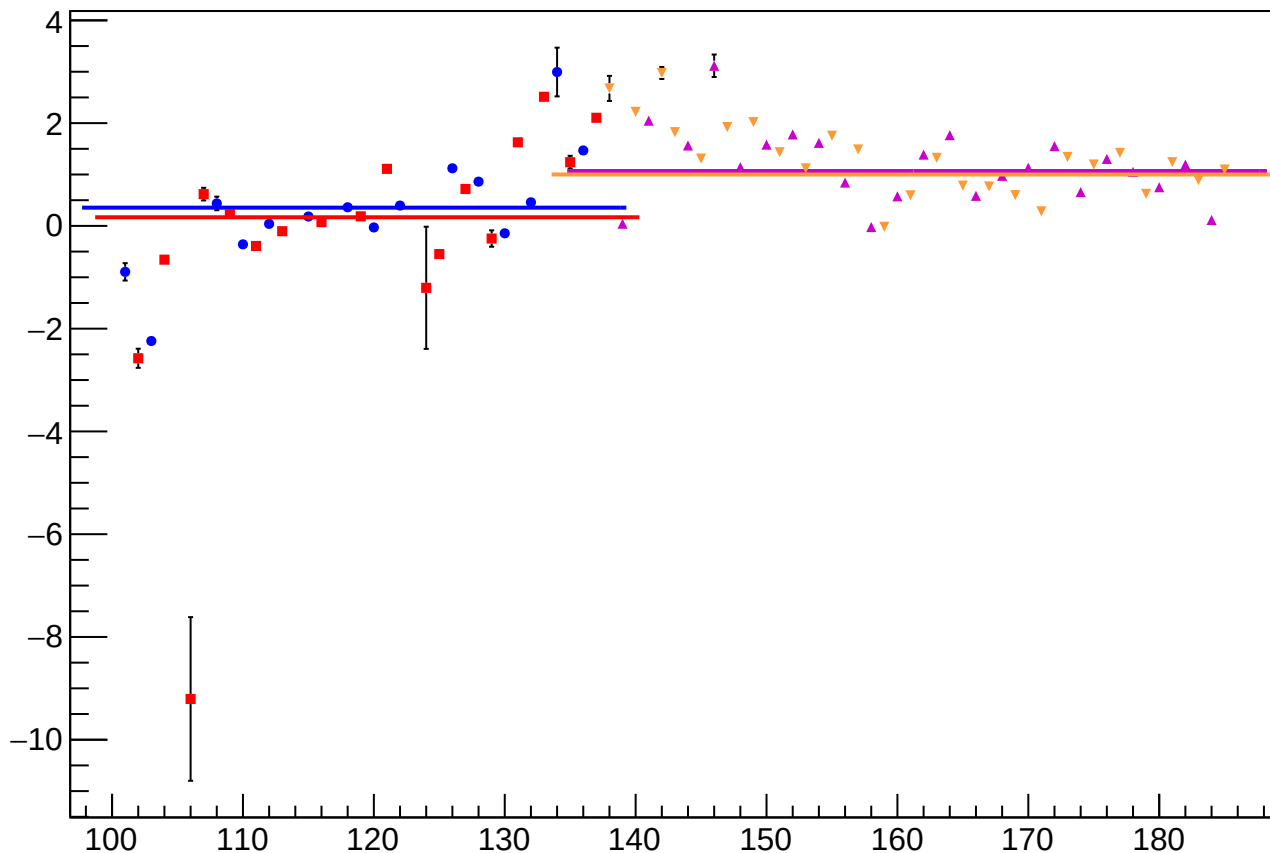
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 109.606 $\pm$ 0.019 χ^2 /NDF: 1270436.2/37

Out: 109.674 $\pm$ 0.022 χ^2 /NDF: 1185023.4/42

All: 109.635 $\pm$ 0.014 χ^2 /NDF: 2455465.1/80

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 $\chi^2/\text{NDF}: 4011.3/14$

Left Out: 1.001 ± 0.007 $\chi^2/\text{NDF}: 6516.0/24$

Right Out: 0.168 ± 0.008 $\chi^2/\text{NDF}: 4588.1/17$

Left In: 1.068 ± 0.006 $\chi^2/\text{NDF}: 7383.3/22$

Left: 1.036 ± 0.005 $\chi^2/\text{NDF}: 13951.3/47$

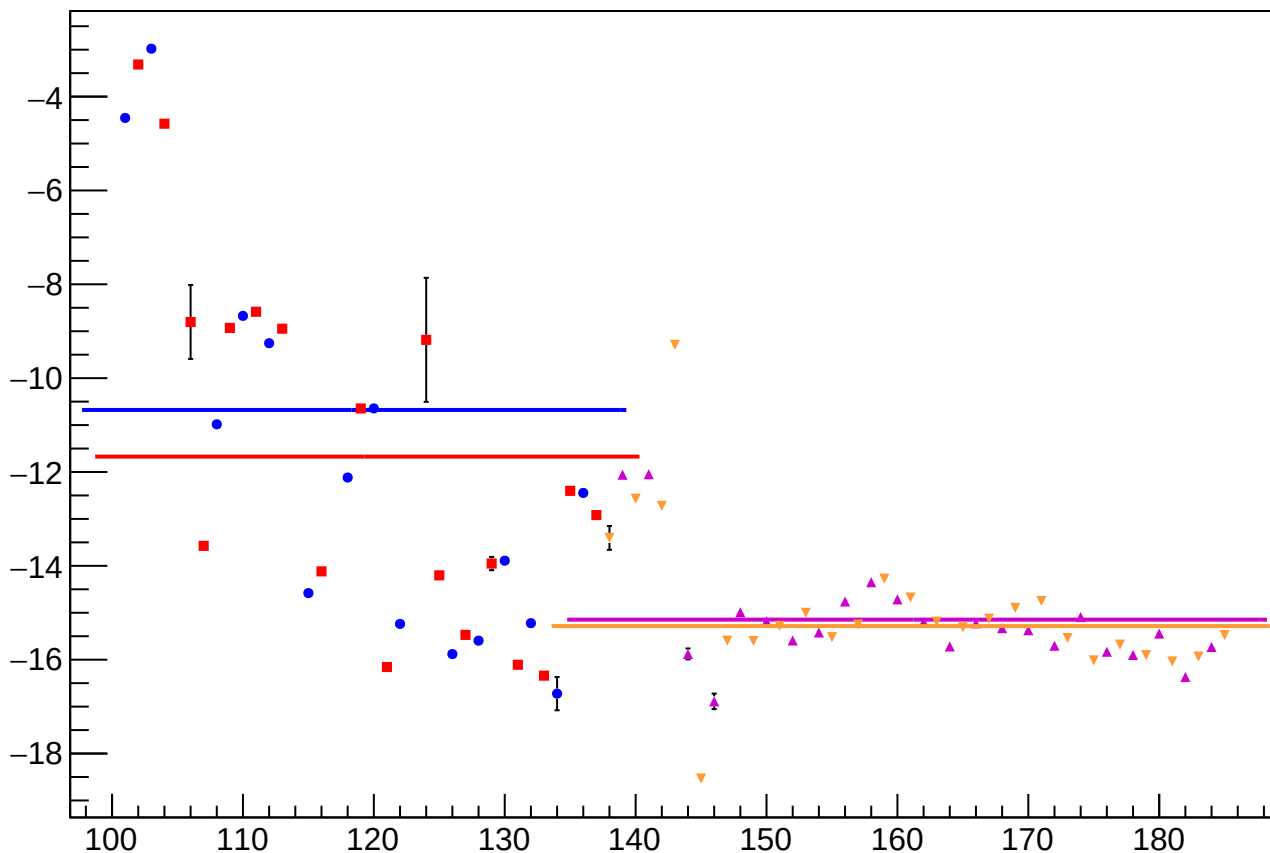
Right: 0.223 ± 0.006 $\chi^2/\text{NDF}: 8777.2/32$

In: 0.902 ± 0.006 $\chi^2/\text{NDF}: 14216.9/37$

Out: 0.636 ± 0.005 $\chi^2/\text{NDF}: 17772.9/42$

All: 0.754 ± 0.004 $\chi^2/\text{NDF}: 33221.7/80$

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 χ^2/NDF : 226791.0/14

Left Out: -15.284 ± 0.005 χ^2/NDF : 40717.8/24

Right Out: -11.672 ± 0.012 χ^2/NDF : 107844.6/17

Left In: -15.146 ± 0.006 χ^2/NDF : 15634.6/22

Left: -15.220 ± 0.004 χ^2/NDF : 56654.9/47

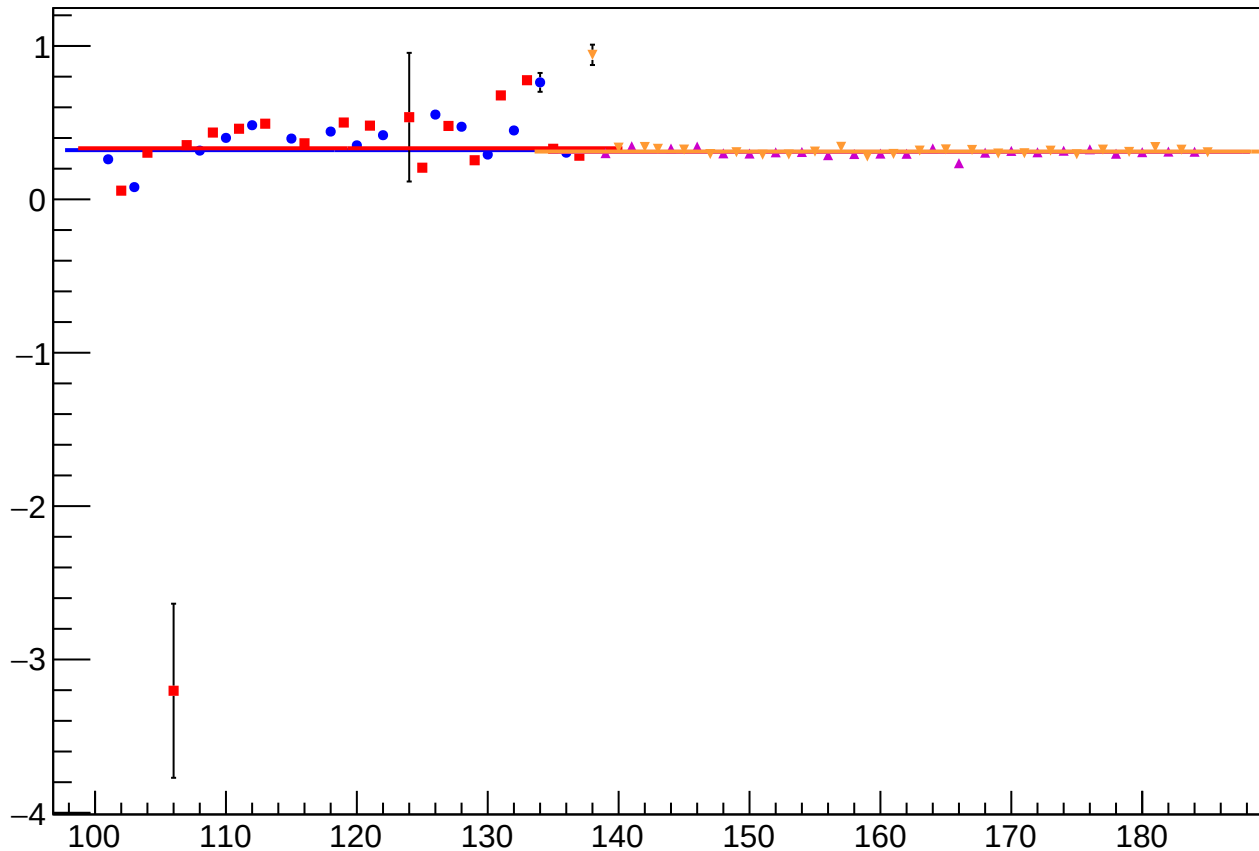
Right: -11.113 ± 0.008 χ^2/NDF : 338735.1/32

In: -14.071 ± 0.005 χ^2/NDF : 385958.5/37

Out: -14.646 ± 0.005 χ^2/NDF : 227826.0/42

All: -14.367 ± 0.004 χ^2/NDF : 620481.0/80

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.312+/-0.000 χ^2/NDF :5431.4/24

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF :2994.1/22

Left: 0.311+/-0.000 χ^2/NDF : 8472.4/47

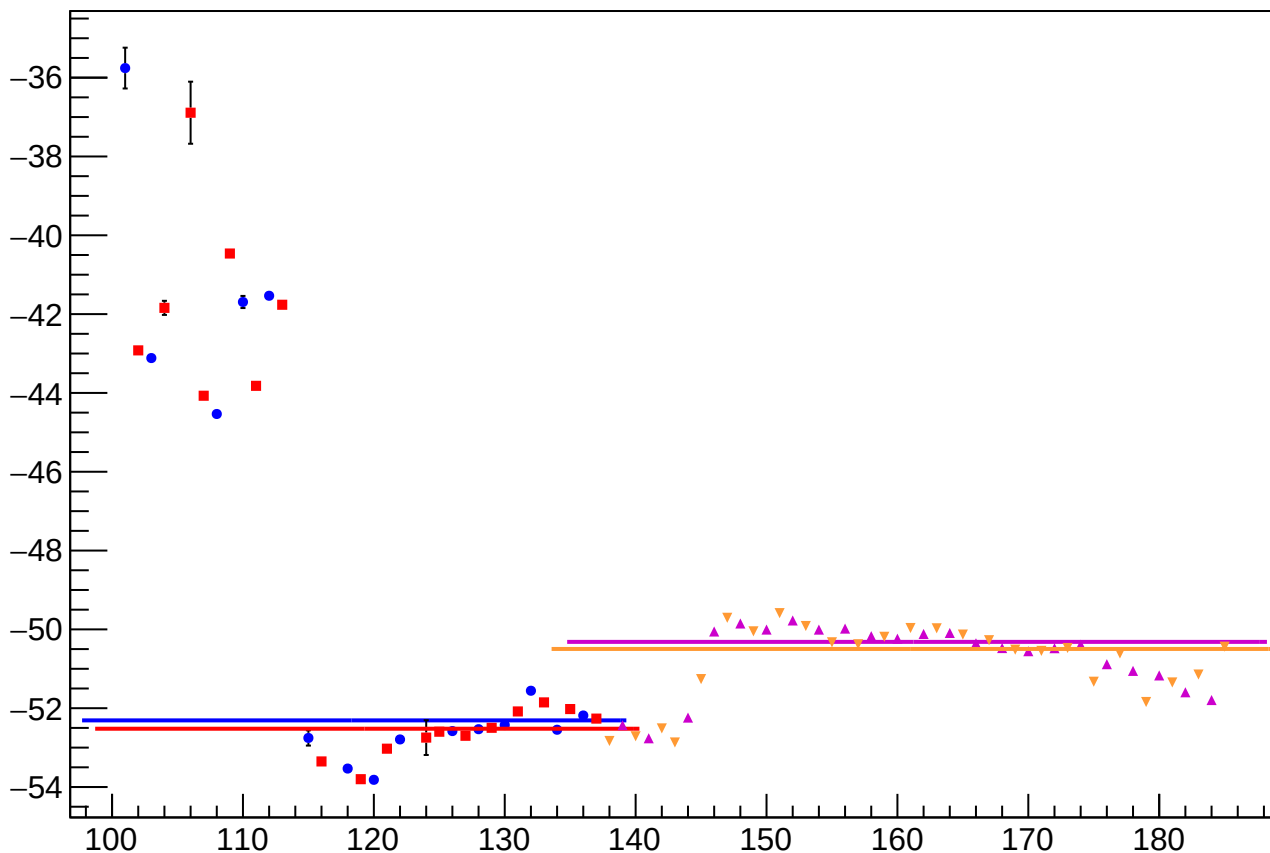
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :7153.2/37

Out: 0.312+/-0.000 χ^2/NDF :9885.1/42

All: 0.311+/-0.000 χ^2/NDF : 17087.6/80

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 ± 0.004 $\chi^2/\text{NDF}: 53459.2/14$

Left Out: -50.497 ± 0.001 $\chi^2/\text{NDF}: 275468.8/24$

Right Out: -52.521 ± 0.005 $\chi^2/\text{NDF}: 76616.3/17$

Left In: -50.317 ± 0.001 $\chi^2/\text{NDF}: 186234.6/22$

Left: -50.397 ± 0.001 $\chi^2/\text{NDF}: 470353.4/47$

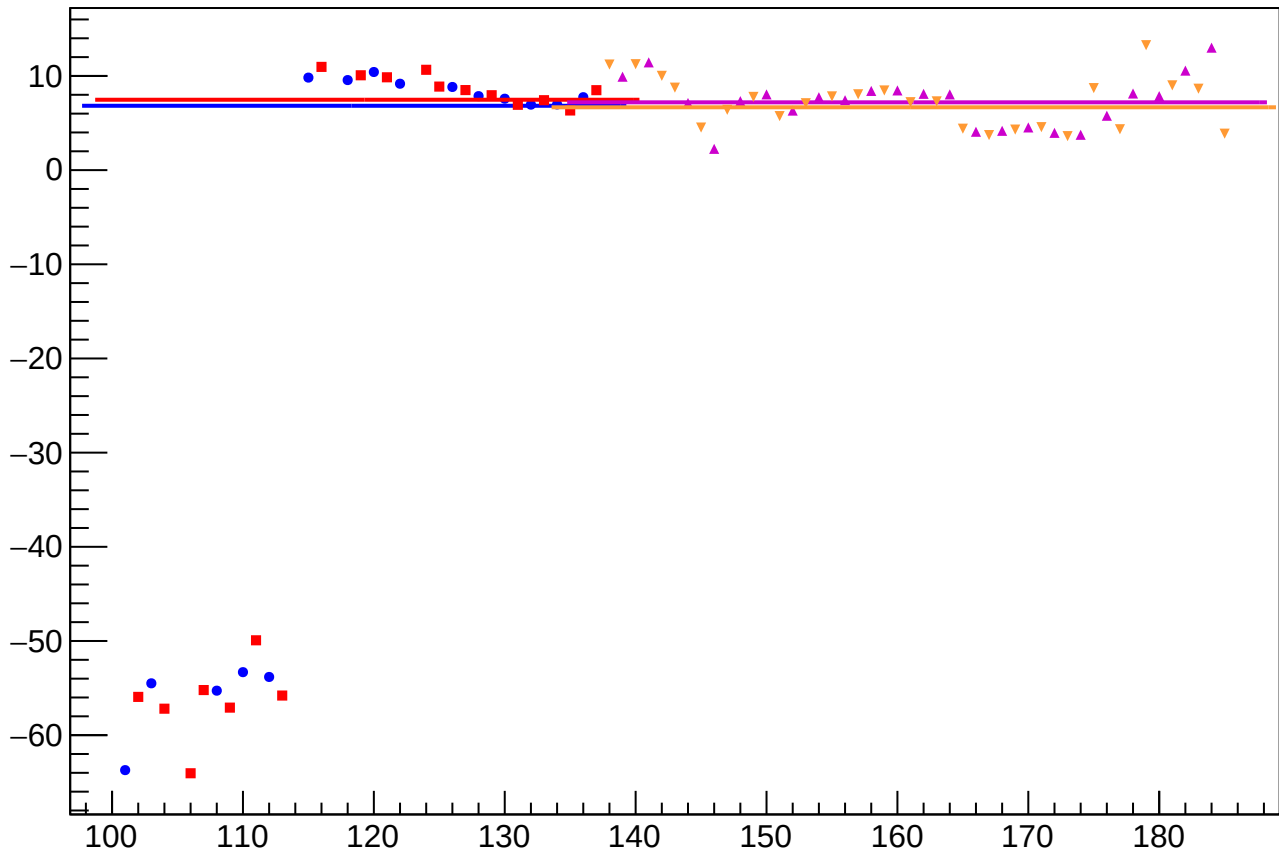
Right: -52.410 ± 0.003 $\chi^2/\text{NDF}: 131177.9/32$

In: -50.473 ± 0.001 $\chi^2/\text{NDF}: 427415.3/37$

Out: -50.677 ± 0.001 $\chi^2/\text{NDF}: 528099.7/42$

All: -50.564 ± 0.001 $\chi^2/\text{NDF}: 967676.3/80$

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.671 ± 0.004 $\chi^2/\text{NDF}: 348672.4/24$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.199 ± 0.003 $\chi^2/\text{NDF}: 202969.6/22$

Left: 6.952 ± 0.003 $\chi^2/\text{NDF}: 562526.1/47$

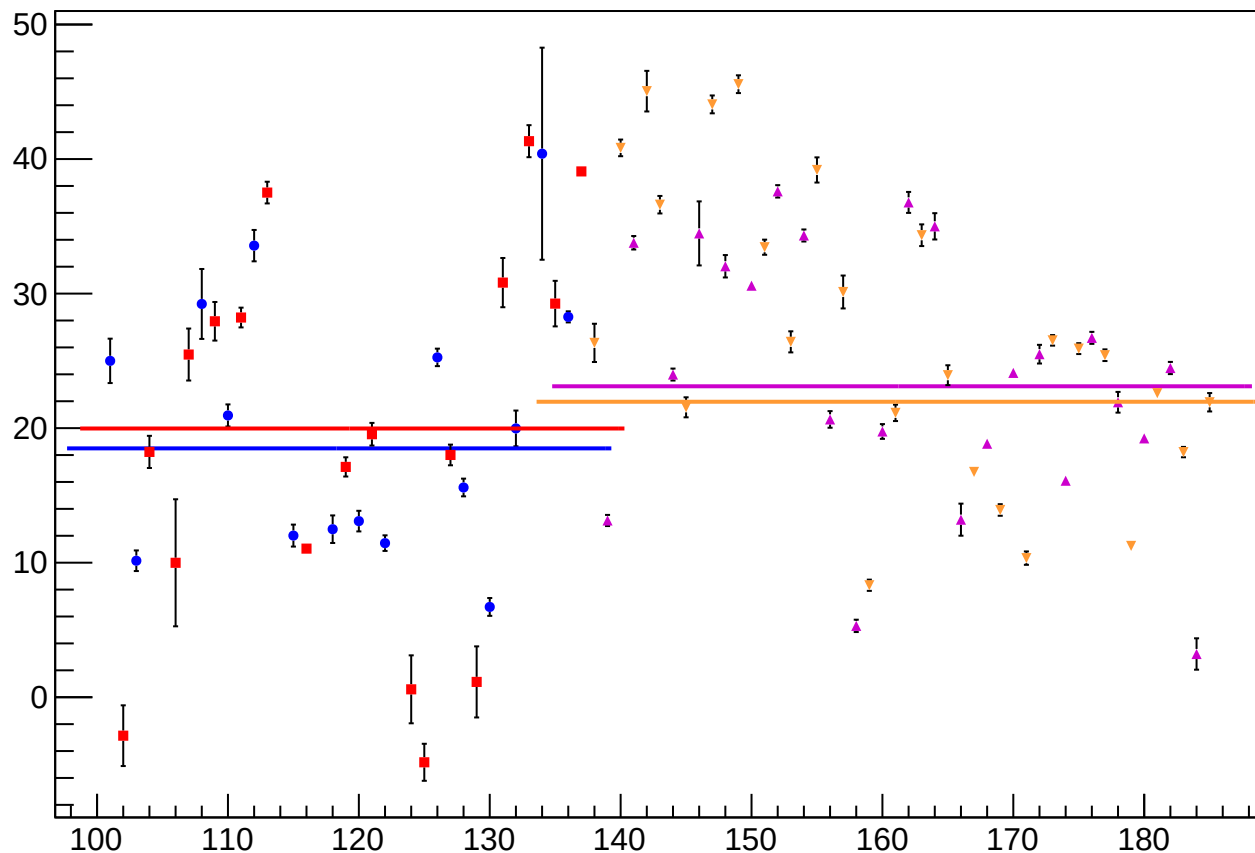
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.083 ± 0.003 $\chi^2/\text{NDF}: 1197093.7/37$

Out: 6.781 ± 0.003 $\chi^2/\text{NDF}: 1550613.3/42$

All: 6.959 ± 0.002 $\chi^2/\text{NDF}: 2752291.0/80$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2 /NDF: 1636.7/14

Left Out: 21.962 $\pm$ 0.100 χ^2 /NDF:8944.2/24

Right Out: 19.974 $\pm$ 0.130 χ^2 /NDF: 9201.3/17

Left In: 23.111 $\pm$ 0.097 χ^2 /NDF:6631.9/22

Left: 22.551 $\pm$ 0.070 χ^2 /NDF: 15644.4/47

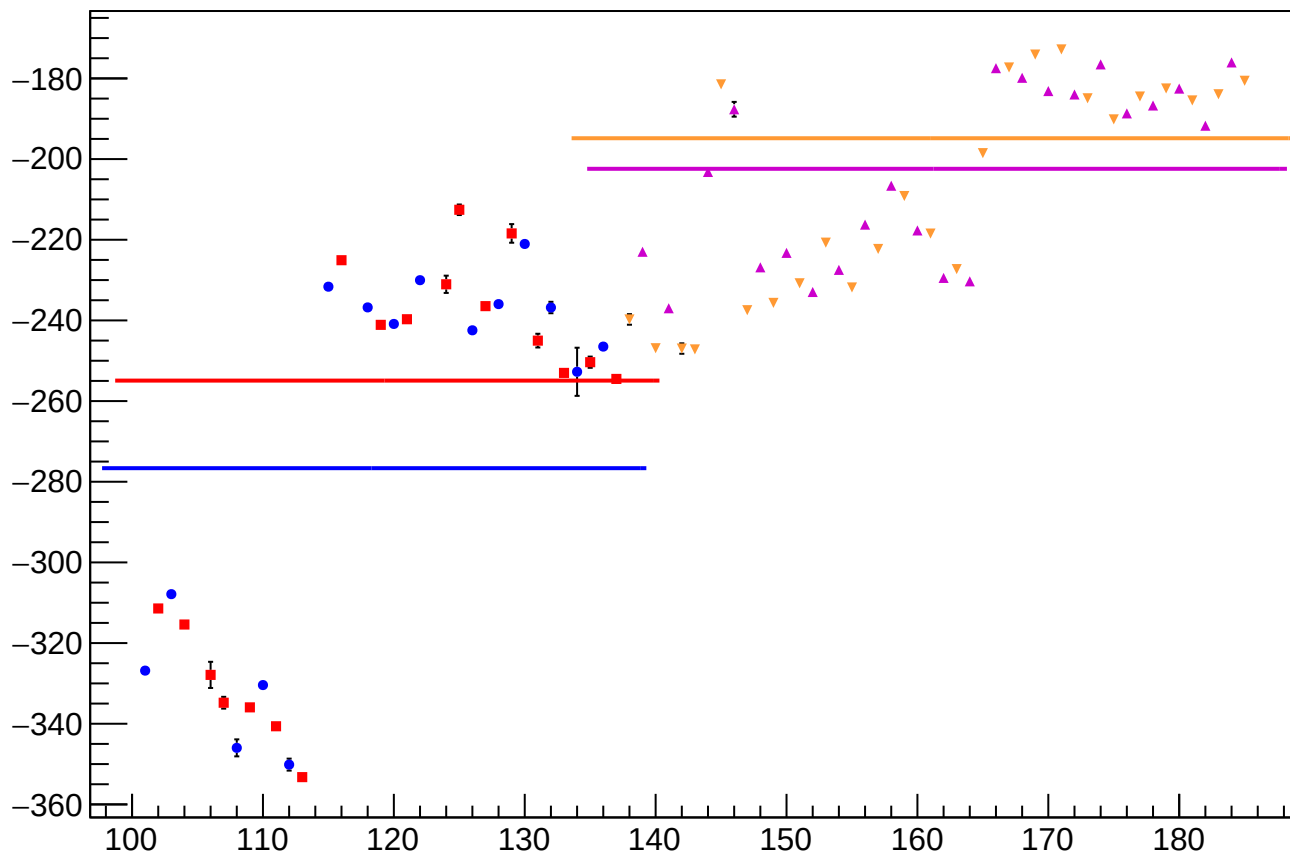
Right: 19.534 $\pm$ 0.109 χ^2 /NDF: 10876.3/32

In: 22.231 $\pm$ 0.087 χ^2 /NDF:8699.4/37

Out: 21.228 $\pm$ 0.079 χ^2 /NDF:18292.7/42

All: 21.680 $\pm$ 0.059 χ^2 /NDF: 27064.6/80

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -194.831 ± 0.083 $\chi^2/\text{NDF}: 71266.6/24$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -202.410 ± 0.086 $\chi^2/\text{NDF}: 63292.5/22$

Left: -198.502 ± 0.060 $\chi^2/\text{NDF}: 138578.7/47$

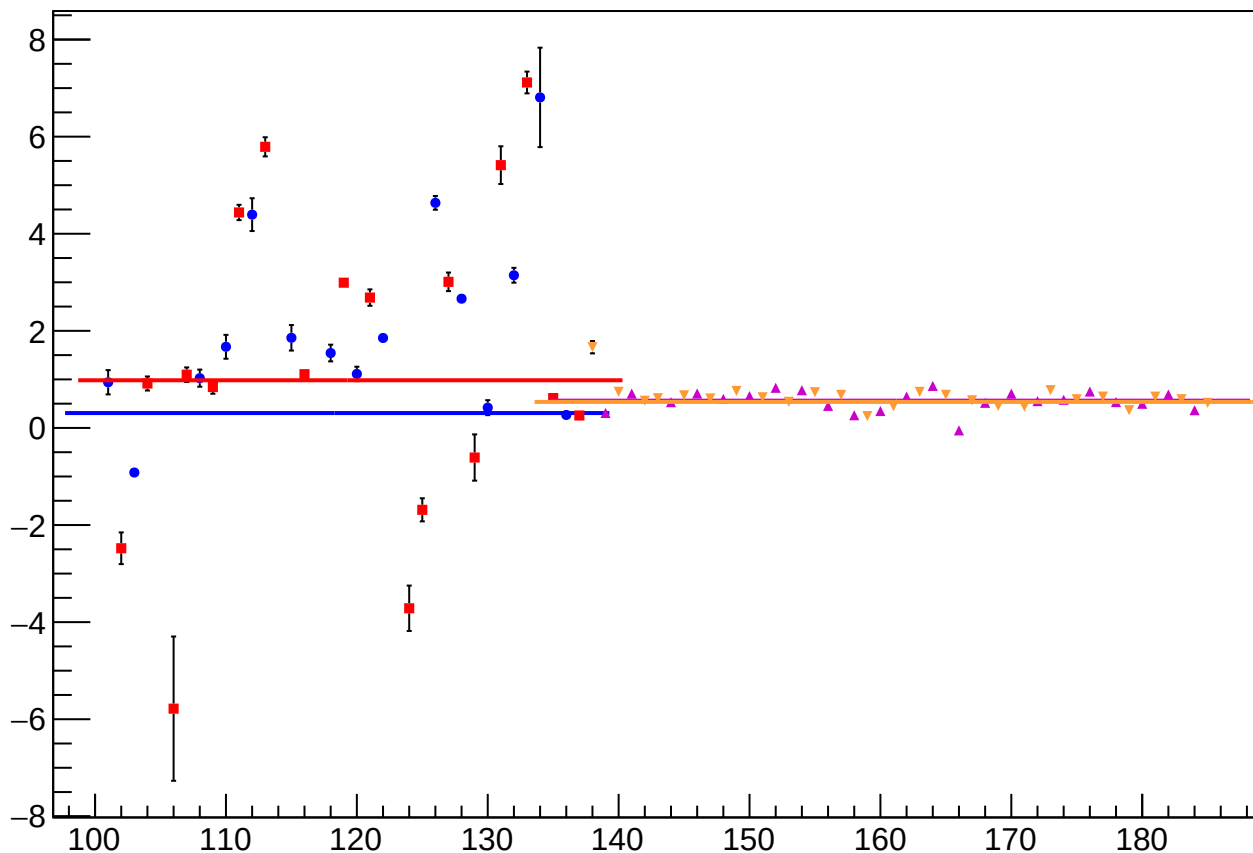
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -221.179 ± 0.074 $\chi^2/\text{NDF}: 329504.4/37$

Out: -229.503 ± 0.054 $\chi^2/\text{NDF}: 444262.2/42$

All: -226.613 ± 0.044 $\chi^2/\text{NDF}: 781985.0/80$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 $\pm$ 0.007 χ^2 /NDF: 2787.0/14

Left Out: 0.536 $\pm$ 0.002 χ^2 /NDF:11038.7/24

Right Out: 0.982 $\pm$ 0.015 χ^2 /NDF: 3374.7/17

Left In: 0.562 $\pm$ 0.001 χ^2 /NDF:16291.7/22

Left: 0.551 $\pm$ 0.001 χ^2 /NDF: 27471.6/47

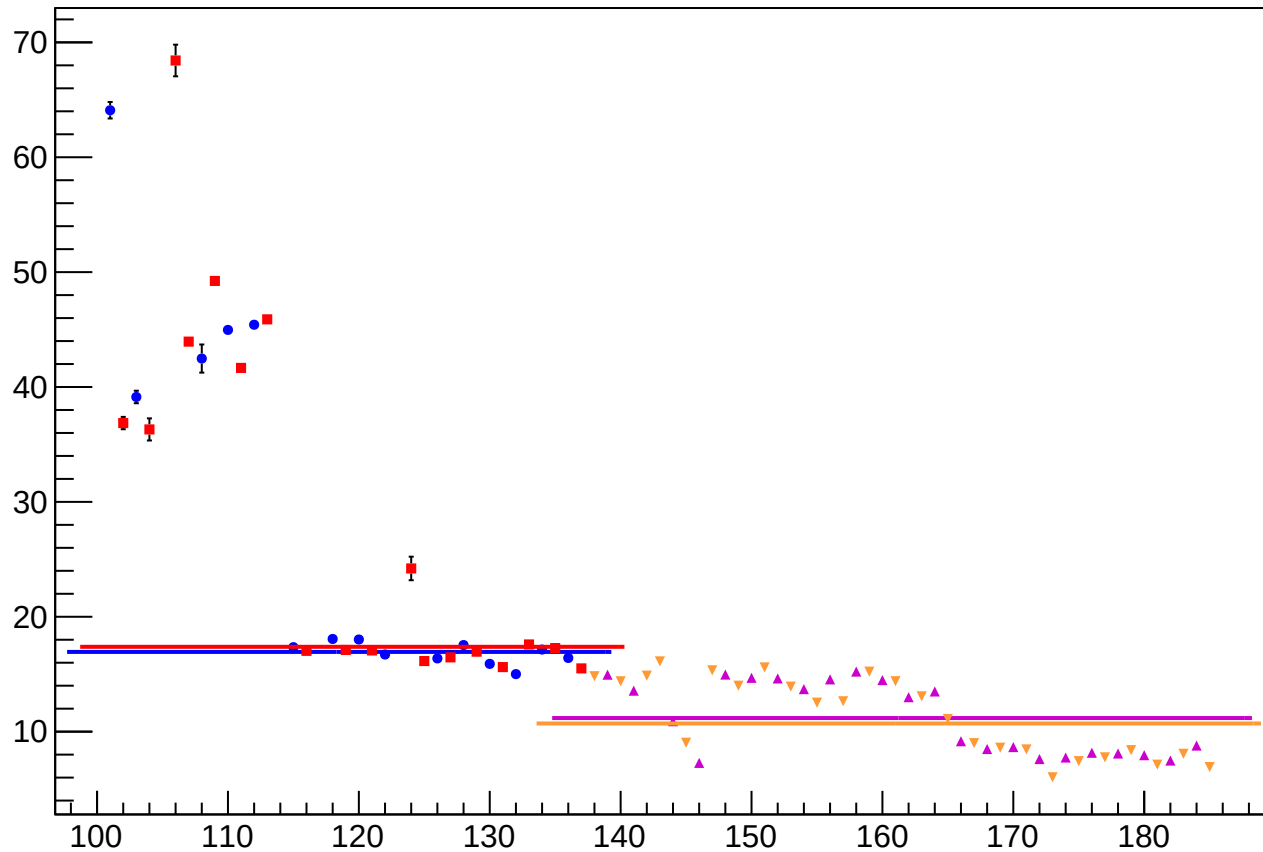
Right: 0.421 $\pm$ 0.006 χ^2 /NDF: 7919.2/32

In: 0.551 $\pm$ 0.001 χ^2 /NDF:20493.3/37

Out: 0.542 $\pm$ 0.002 χ^2 /NDF:15324.2/42

All: 0.547 $\pm$ 0.001 χ^2 /NDF: 35834.6/80

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 10.711 ± 0.006 $\chi^2/\text{NDF}: 297944.5/24$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 11.184 ± 0.007 $\chi^2/\text{NDF}: 221112.8/22$

Left: 10.937 ± 0.005 $\chi^2/\text{NDF}: 521647.4/47$

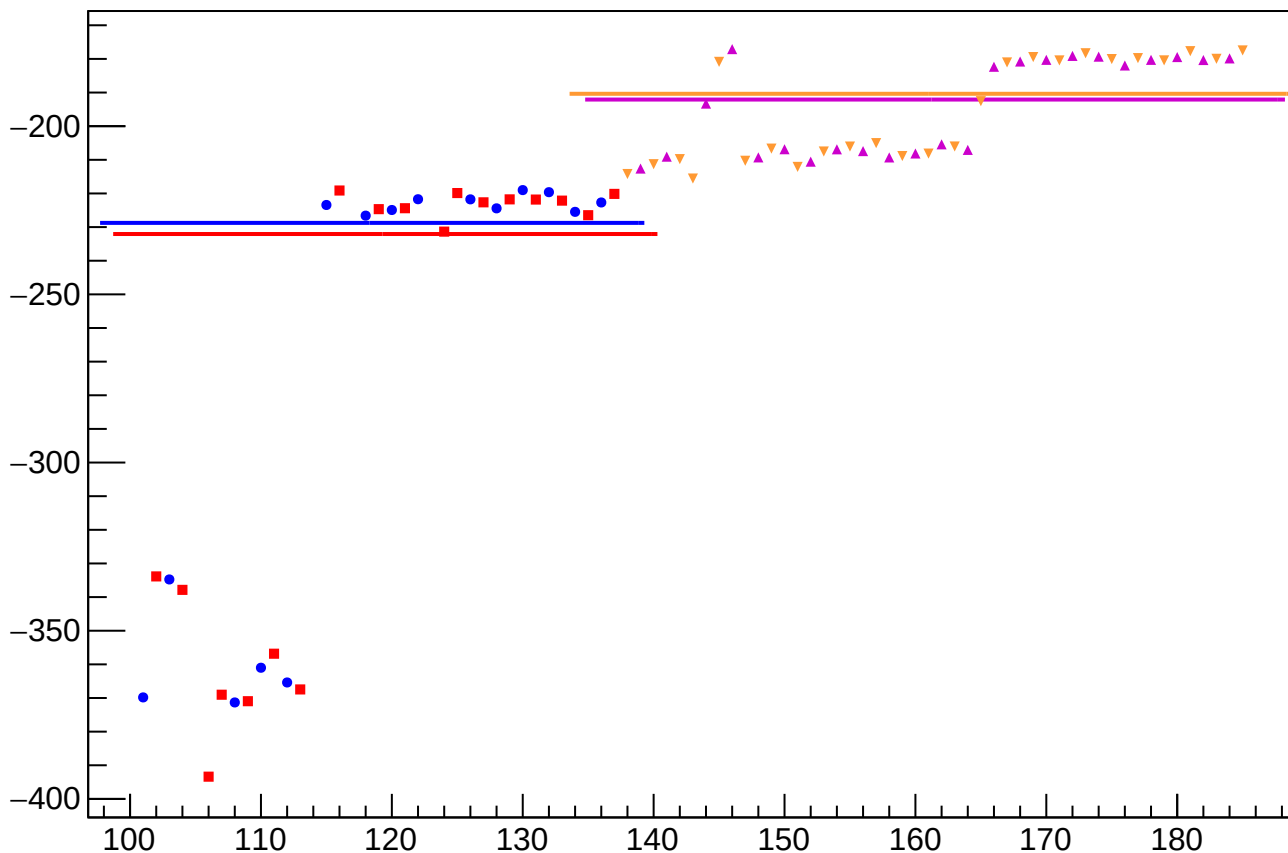
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 12.416 ± 0.006 $\chi^2/\text{NDF}: 407402.8/37$

Out: 11.497 ± 0.006 $\chi^2/\text{NDF}: 486090.0/42$

All: 11.963 ± 0.004 $\chi^2/\text{NDF}: 905251.3/80$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 χ^2/NDF : 657578.5/14

Left Out: -190.368 ± 0.012 χ^2/NDF : 1512140.2/24

Right Out: -232.058 ± 0.041 χ^2/NDF : 791526.5/17

Left In: -192.086 ± 0.012 χ^2/NDF : 1430161.9/22

Left: -191.224 ± 0.008 χ^2/NDF : 2953297.6/47

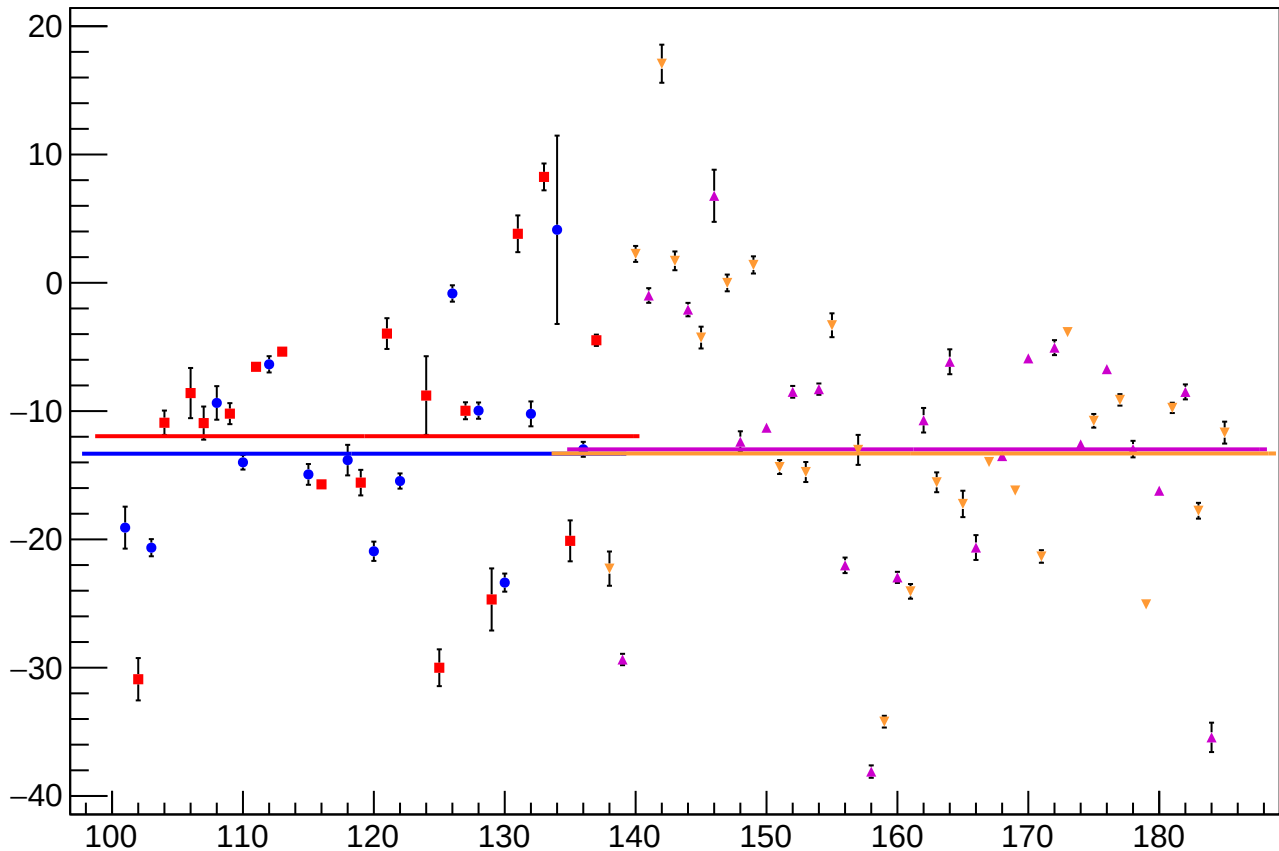
Right: -230.117 ± 0.027 χ^2/NDF : 1452870.5/32

In: -195.777 ± 0.011 χ^2/NDF : 3092606.0/37

Out: -193.399 ± 0.011 χ^2/NDF : 3248482.4/42

All: -194.602 ± 0.008 χ^2/NDF : 6364149.3/80

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -13.303 ± 0.108 $\chi^2/\text{NDF}: 7289.0/24$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -12.982 ± 0.099 $\chi^2/\text{NDF}: 7714.4/22$

Left: -13.129 ± 0.073 $\chi^2/\text{NDF}: 15008.1/47$

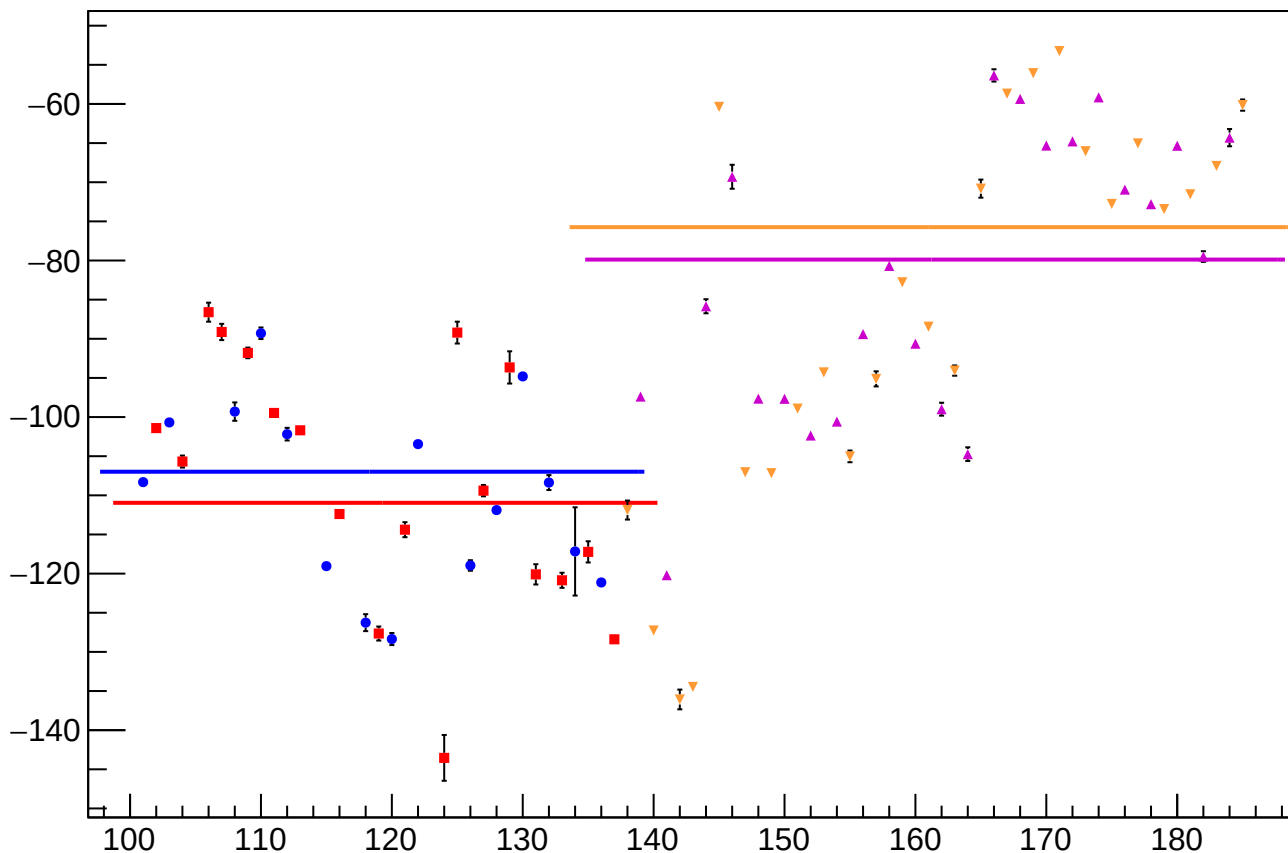
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -13.053 ± 0.088 $\chi^2/\text{NDF}: 8729.8/37$

Out: -12.656 ± 0.078 $\chi^2/\text{NDF}: 9850.5/42$

All: -12.830 ± 0.058 $\chi^2/\text{NDF}: 18591.6/80$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -75.739 ± 0.085 $\chi^2/\text{NDF}: 54264.7/24$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -79.882 ± 0.086 $\chi^2/\text{NDF}: 44553.2/22$

Left: -77.799 ± 0.060 $\chi^2/\text{NDF}: 99993.7/47$

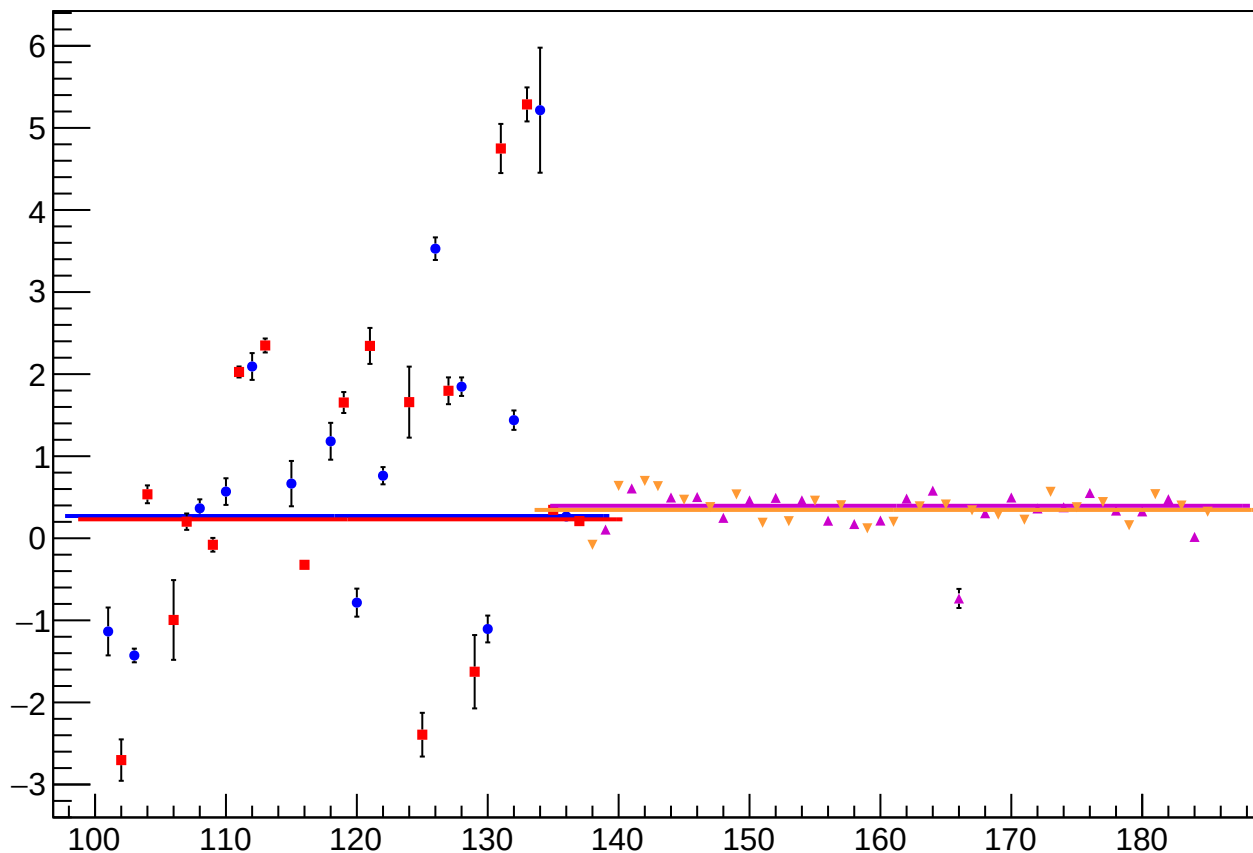
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -90.111 ± 0.068 $\chi^2/\text{NDF}: 86984.3/37$

Out: -101.884 ± 0.043 $\chi^2/\text{NDF}: 191773.9/42$

All: -98.465 ± 0.036 $\chi^2/\text{NDF}: 300285.4/80$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.345 ± 0.002 χ^2/NDF : 10446.3/24

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.396 ± 0.001 χ^2/NDF : 10440.9/22

Left: 0.374 ± 0.001 χ^2/NDF : 21411.6/47

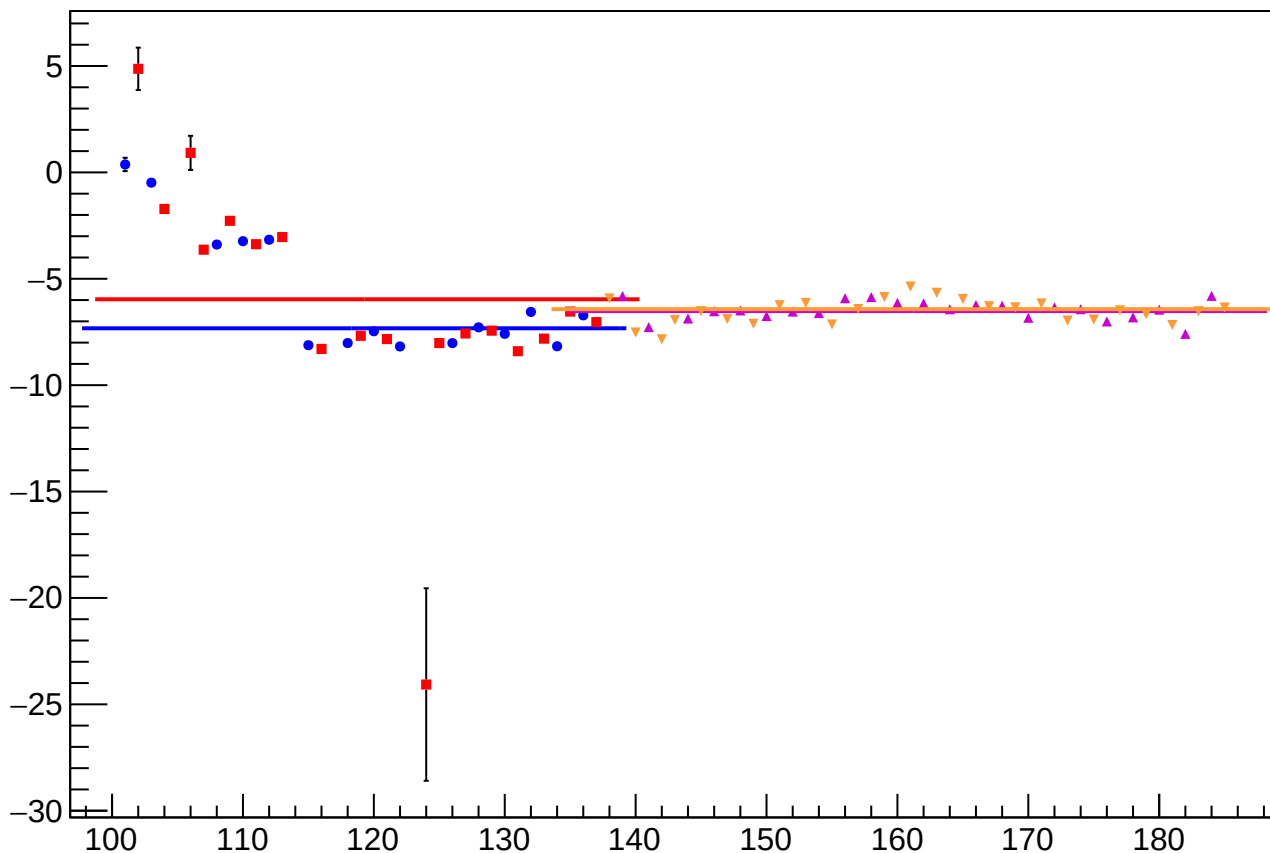
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.387 ± 0.001 χ^2/NDF : 12563.2/37

Out: 0.331 ± 0.002 χ^2/NDF : 13946.1/42

All: 0.362 ± 0.001 χ^2/NDF : 27222.1/80

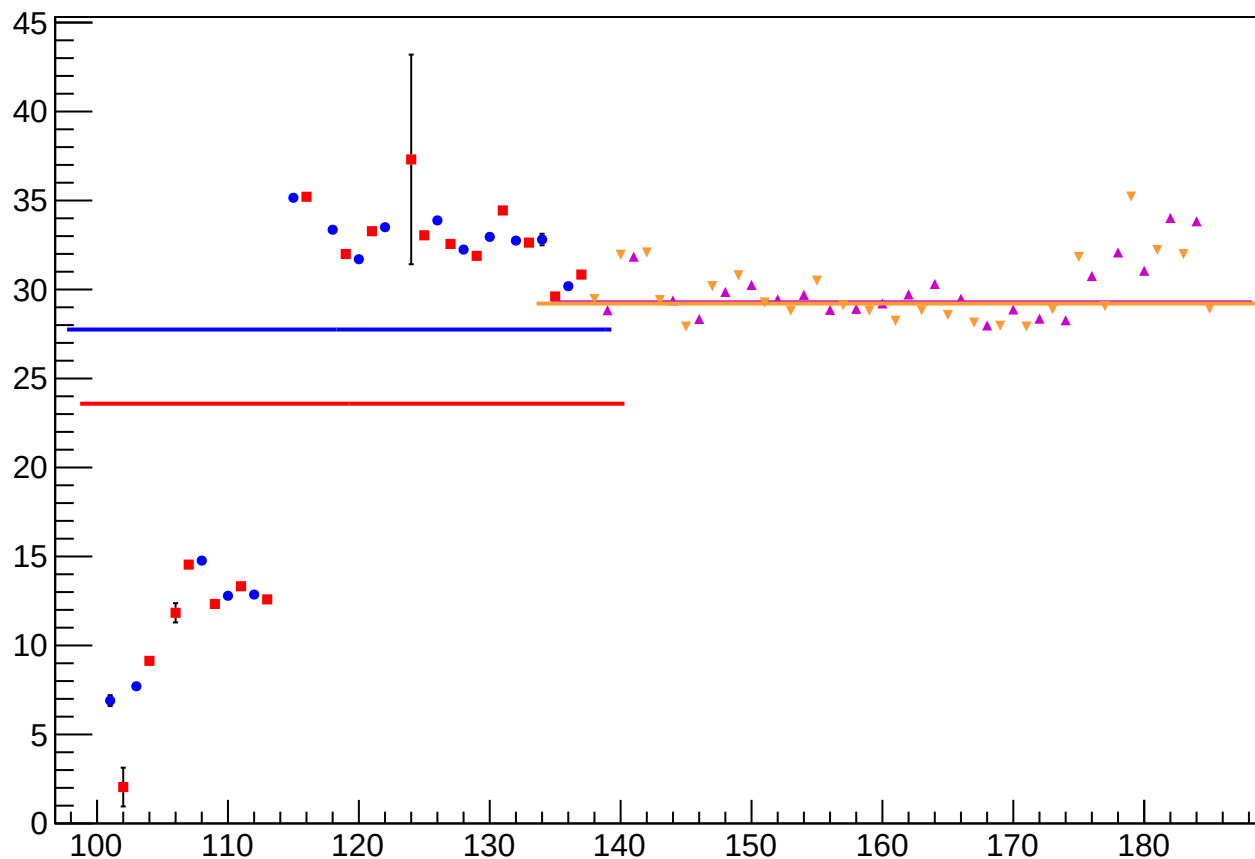
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.428 ± 0.005 $\chi^2/\text{NDF}: 7325.5/24$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.517 ± 0.005 $\chi^2/\text{NDF}: 7083.8/22$

Left: -6.475 ± 0.003 $\chi^2/\text{NDF}: 14587.8/47$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.705 ± 0.004 $\chi^2/\text{NDF}: 44743.4/37$
 Out: -6.320 ± 0.004 $\chi^2/\text{NDF}: 81279.9/42$
 All: -6.522 ± 0.003 $\chi^2/\text{NDF}: 130360.3/80$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2/NDF : 332926.6/14

Left Out: 29.211 $\pm$ 0.008 χ^2/NDF : 40125.4/24

Right Out: 23.585 $\pm$ 0.014 χ^2/NDF : 539616.2/17

Left In: 29.281 $\pm$ 0.008 χ^2/NDF : 12436.8/22

Left: 29.245 $\pm$ 0.006 χ^2/NDF : 52597.4/47

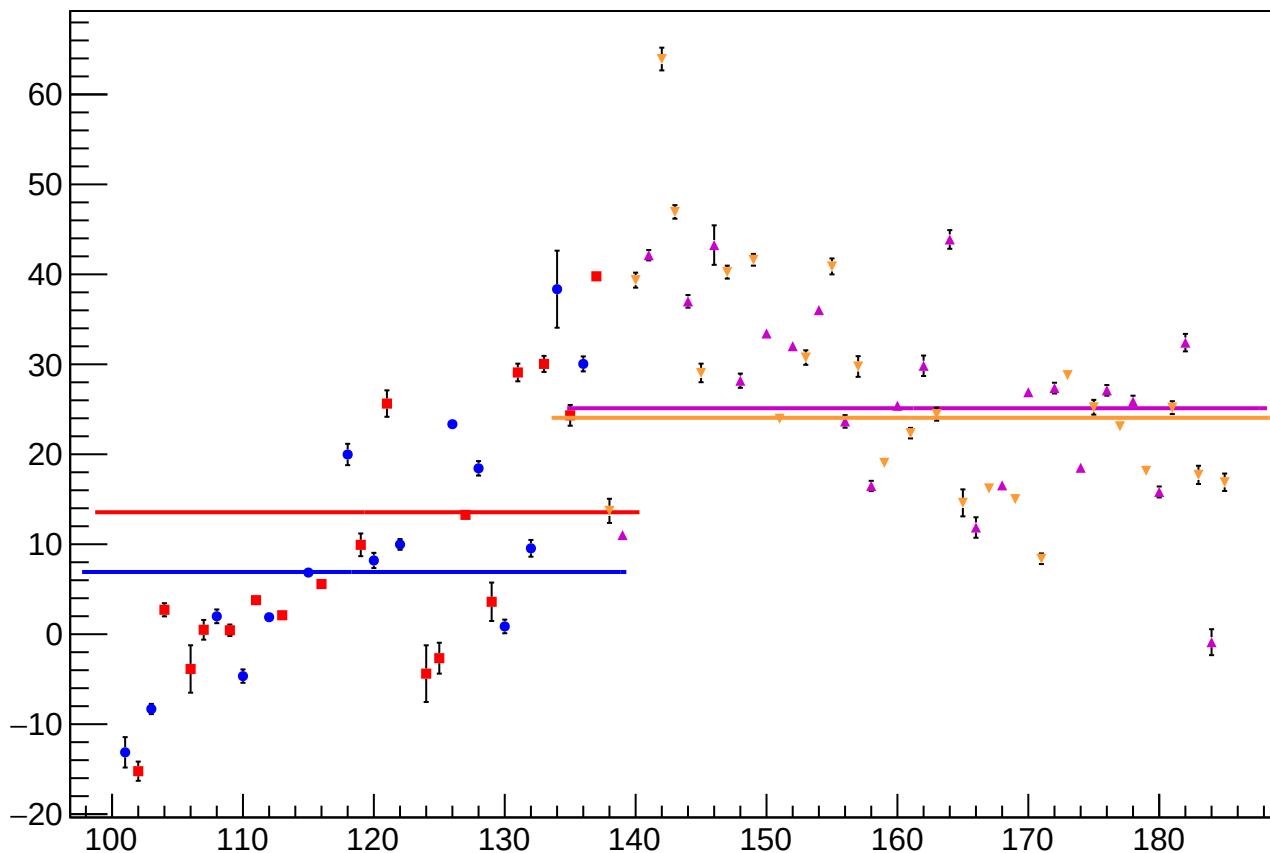
Right: 25.477 $\pm$ 0.010 χ^2/NDF : 914478.1/32

In: 28.916 $\pm$ 0.007 χ^2/NDF : 353236.0/37

Out: 27.695 $\pm$ 0.007 χ^2/NDF : 702708.5/42

All: 28.287 $\pm$ 0.005 χ^2/NDF : 1070210.0/80

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$

Left Out: 24.055 ± 0.126 $\chi^2/\text{NDF}: 6226.1/24$

Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$

Left In: 25.118 ± 0.113 $\chi^2/\text{NDF}: 6448.8/22$

Left: 24.645 ± 0.084 $\chi^2/\text{NDF}: 12714.1/47$

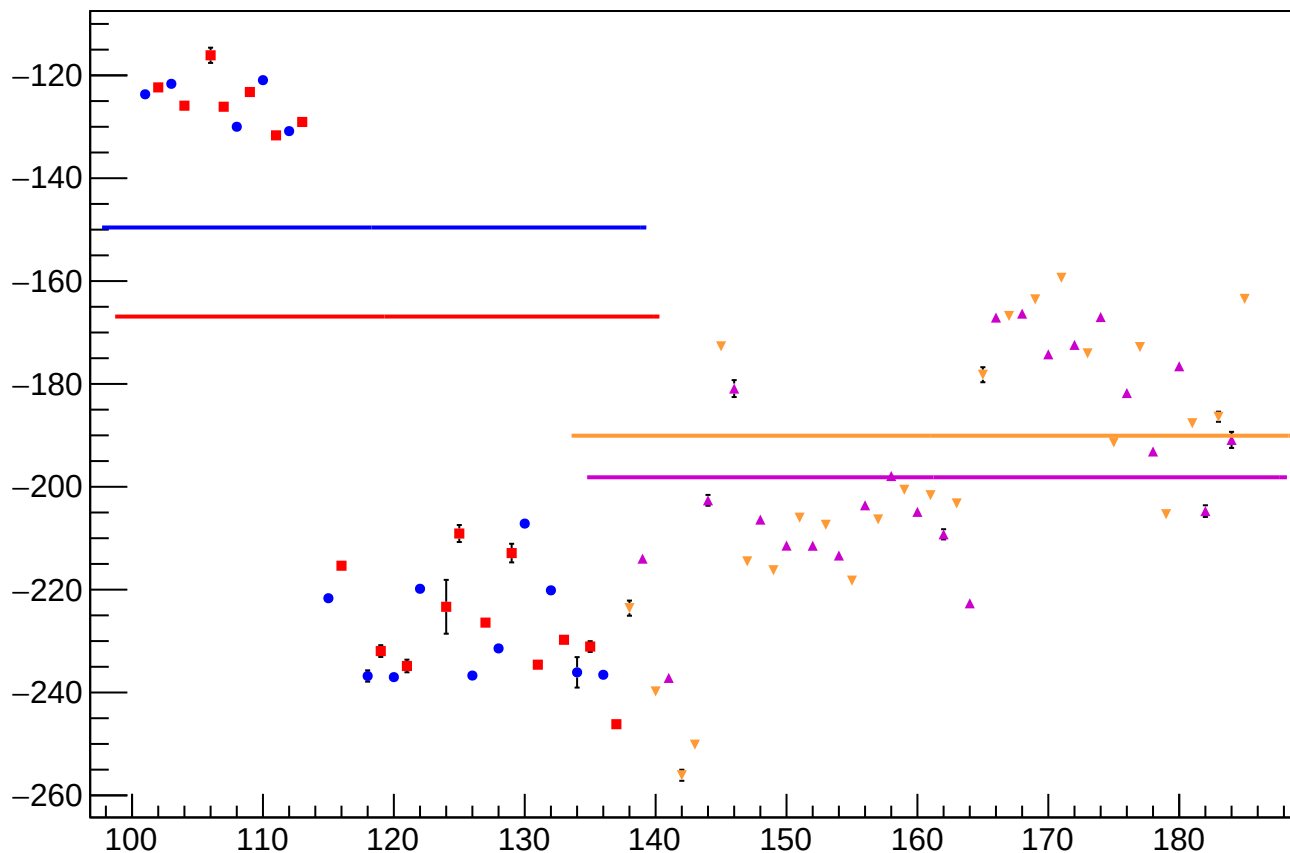
Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$

In: 19.814 ± 0.095 $\chi^2/\text{NDF}: 17484.1/37$

Out: 19.526 ± 0.095 $\chi^2/\text{NDF}: 20861.1/42$

All: 19.670 ± 0.067 $\chi^2/\text{NDF}: 38349.8/80$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 $\pm$ 0.101 χ^2 /NDF: 195091.5/14

Left Out: -190.065 $\pm$ 0.103 χ^2 /NDF: 51767.5/24

Right Out: -166.899 $\pm$ 0.101 χ^2 /NDF: 295489.9/17

Left In: -198.153 $\pm$ 0.098 χ^2 /NDF: 42045.5/22

Left: -194.274 $\pm$ 0.071 χ^2 /NDF: 97048.2/47

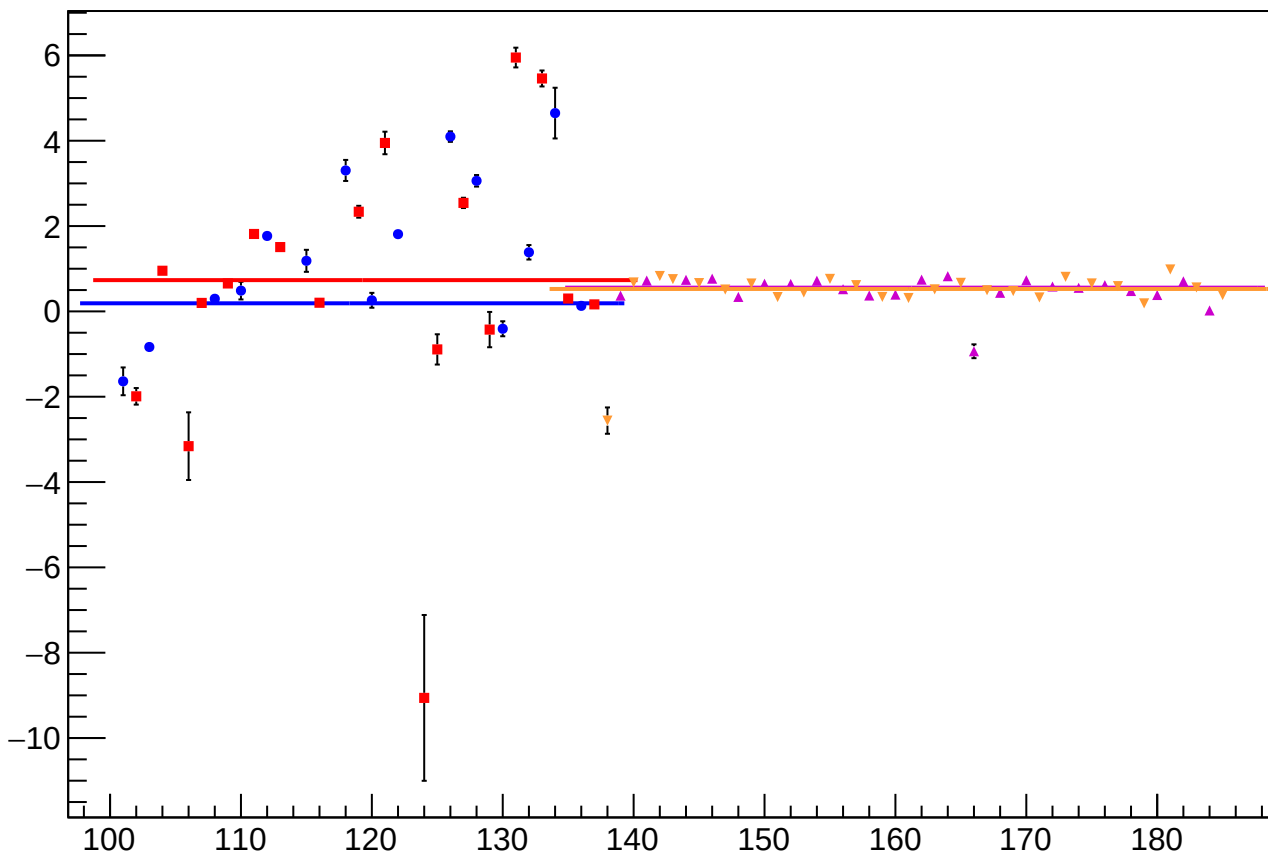
Right: -158.264 $\pm$ 0.071 χ^2 /NDF: 505360.9/32

In: -174.448 $\pm$ 0.070 χ^2 /NDF: 355849.6/37

Out: -178.256 $\pm$ 0.072 χ^2 /NDF: 373259.2/42

All: -176.316 $\pm$ 0.050 χ^2 /NDF: 730540.8/80

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2/NDF : 2727.5/14

Left Out: 0.526 $\pm$ 0.002 χ^2/NDF : 8717.5/24

Right Out: 0.733 $\pm$ 0.020 χ^2/NDF : 2666.9/17

Left In: 0.556 $\pm$ 0.002 χ^2/NDF : 5988.8/22

Left: 0.542 $\pm$ 0.001 χ^2/NDF : 14825.9/47

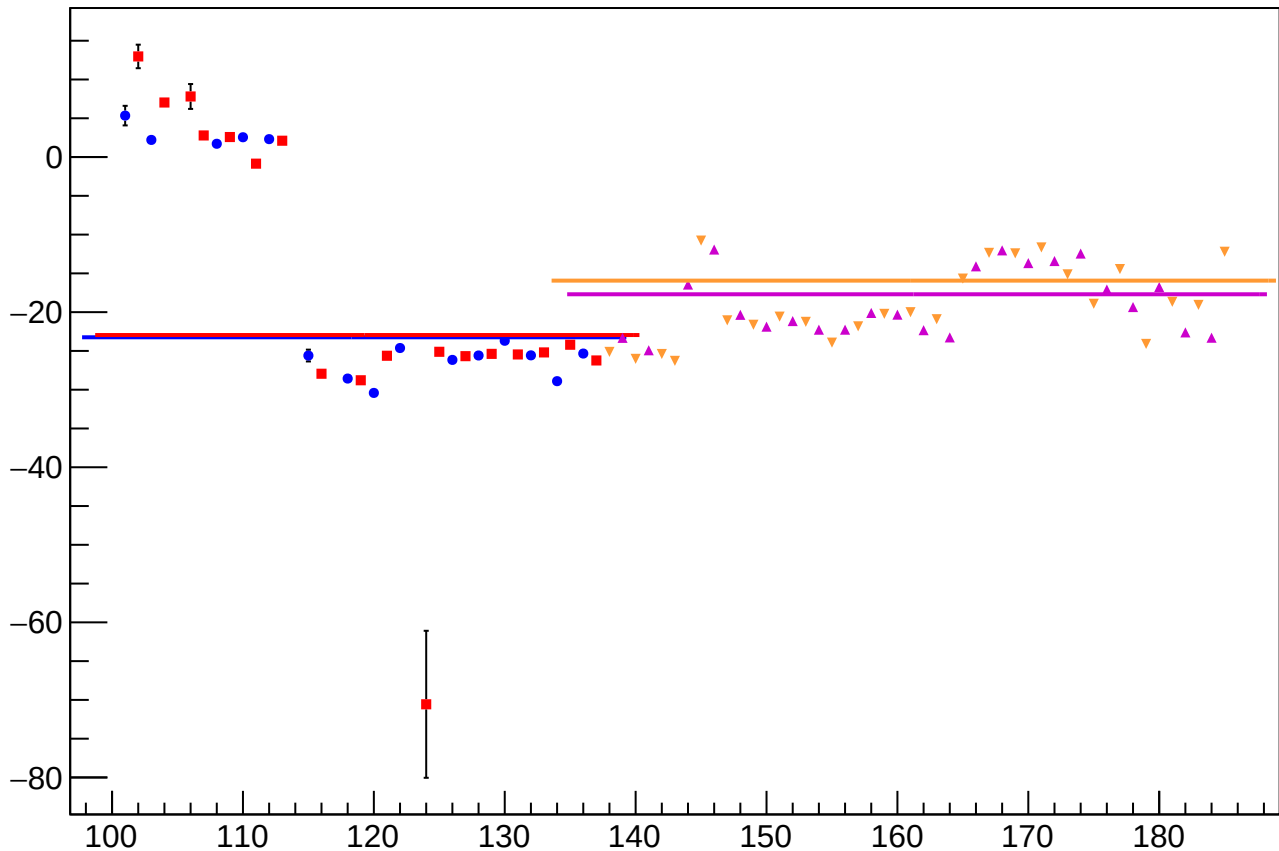
Right: 0.276 $\pm$ 0.008 χ^2/NDF : 6029.4/32

In: 0.539 $\pm$ 0.002 χ^2/NDF : 10442.7/37

Out: 0.528 $\pm$ 0.002 χ^2/NDF : 11493.1/42

All: 0.534 $\pm$ 0.001 χ^2/NDF : 21951.3/80

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.935 ± 0.011 $\chi^2/\text{NDF}: 189350.1/24$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.695 ± 0.012 $\chi^2/\text{NDF}: 121415.4/22$

Left: -16.760 ± 0.008 $\chi^2/\text{NDF}: 322777.9/47$

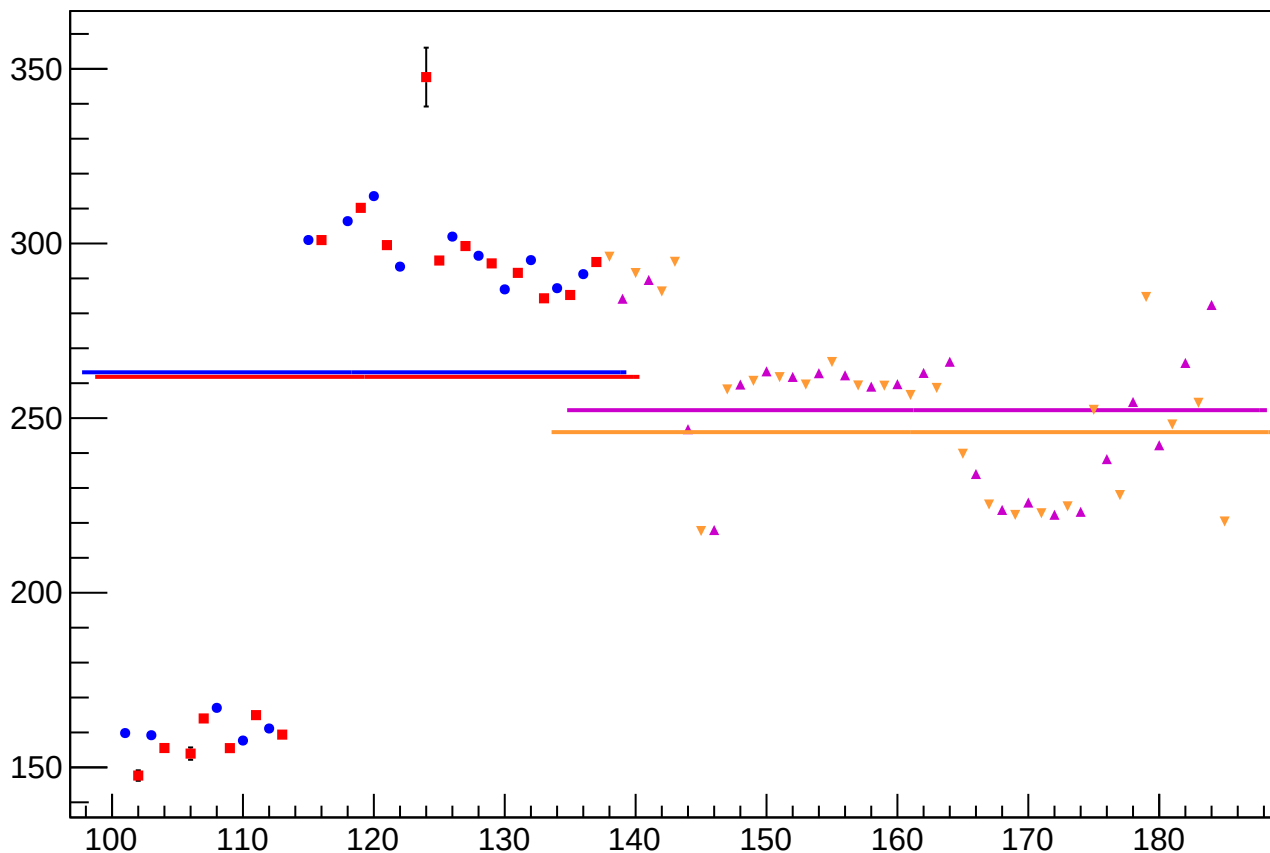
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.707 ± 0.011 $\chi^2/\text{NDF}: 265521.4/37$

Out: -17.096 ± 0.010 $\chi^2/\text{NDF}: 364771.9/42$

All: -17.860 ± 0.007 $\chi^2/\text{NDF}: 642486.1/80$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 245.987+/-0.028 χ^2/NDF : 695665.2/24

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 252.278+/-0.028 χ^2/NDF : 359829.6/22

Left: 249.098+/-0.020 χ^2/NDF : 1080221.3/47

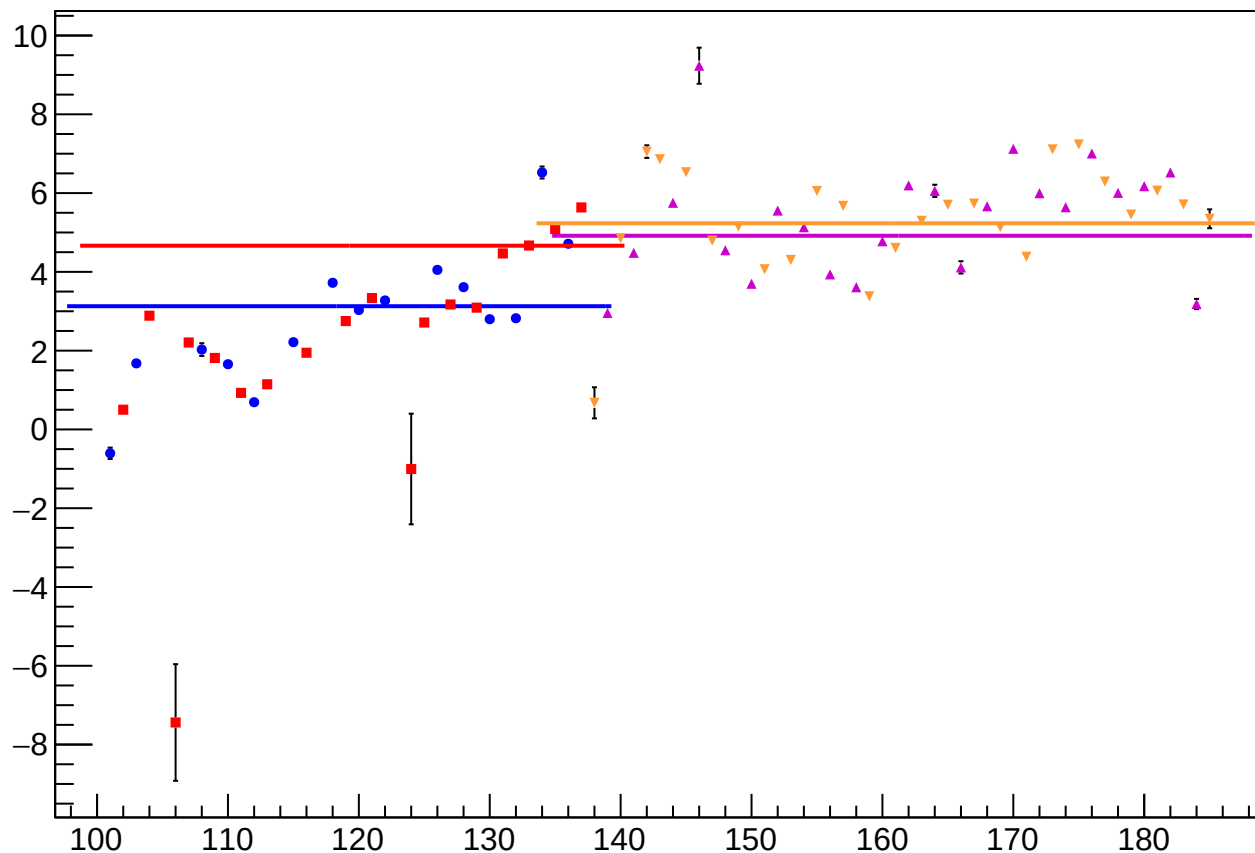
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 253.850+/-0.026 χ^2/NDF : 1073782.4/37

Out: 248.805+/-0.026 χ^2/NDF : 1758217.7/42

All: 251.250+/-0.018 χ^2/NDF : 2850961.3/80

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 5.233 ± 0.014 $\chi^2/\text{NDF}: 4523.0/24$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.917 ± 0.013 $\chi^2/\text{NDF}: 10749.9/22$

Left: 5.064 ± 0.009 $\chi^2/\text{NDF}: 15557.9/47$

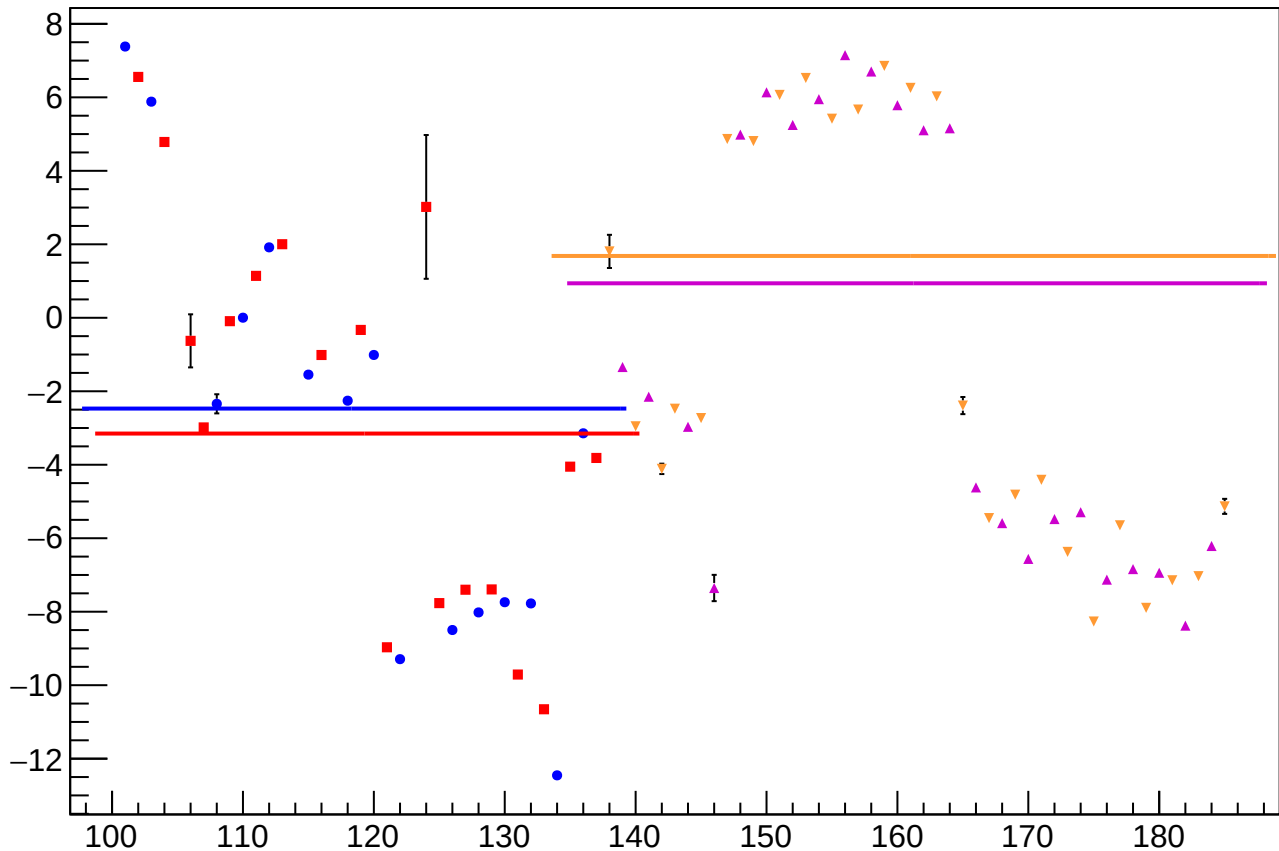
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 4.209 ± 0.010 $\chi^2/\text{NDF}: 24205.7/37$

Out: 4.765 ± 0.006 $\chi^2/\text{NDF}: 72801.4/42$

All: 4.624 ± 0.005 $\chi^2/\text{NDF}: 99352.7/80$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.683 ± 0.011 $\chi^2/\text{NDF}: 218349.7/24$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 0.938 ± 0.011 $\chi^2/\text{NDF}: 253480.7/22$

Left: 1.299 ± 0.008 $\chi^2/\text{NDF}: 474002.4/47$

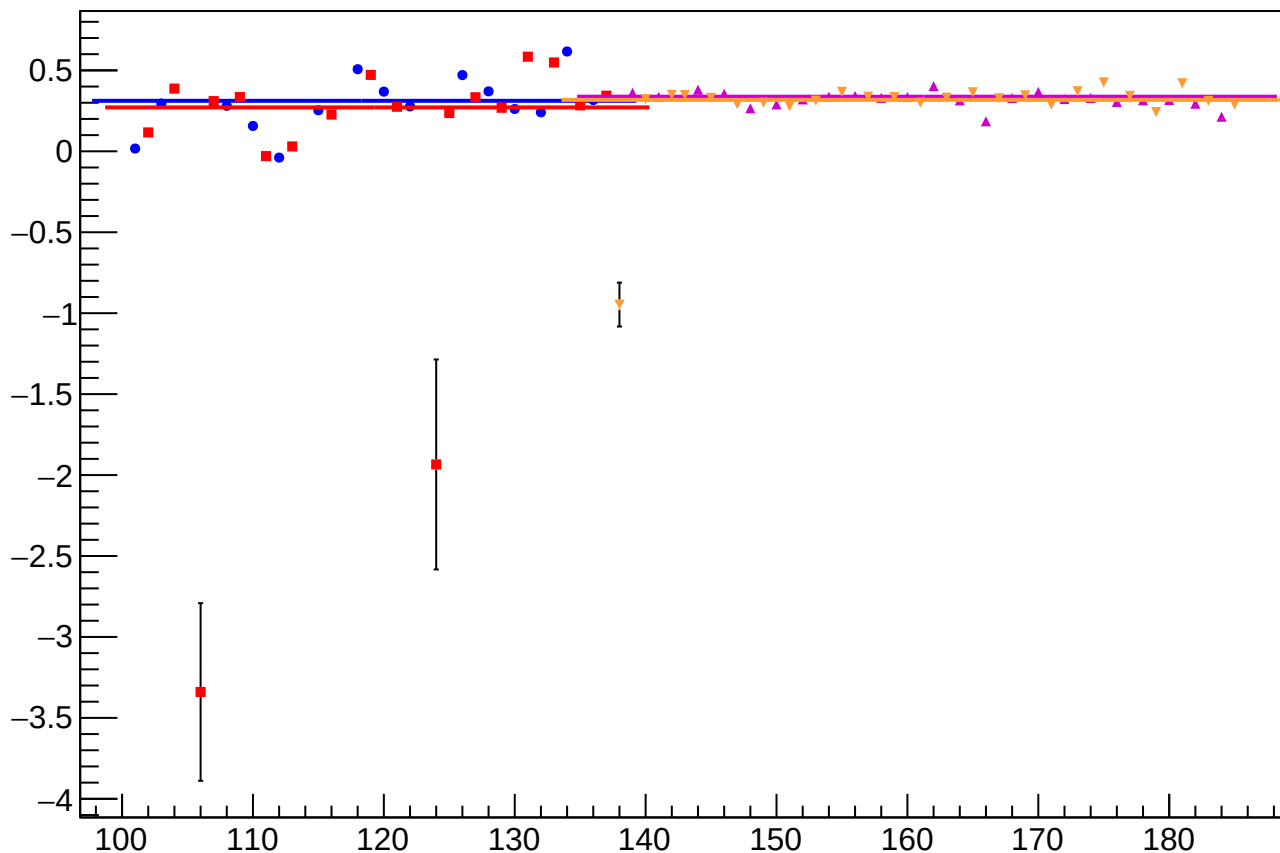
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.367 ± 0.009 $\chi^2/\text{NDF}: 532111.4/37$

Out: -1.722 ± 0.006 $\chi^2/\text{NDF}: 590776.0/42$

All: -1.264 ± 0.005 $\chi^2/\text{NDF}: 1138839.0/80$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.318 ± 0.001 $\chi^2/\text{NDF}: 3599.2/24$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.337 ± 0.001 $\chi^2/\text{NDF}: 4013.5/22$

Left: 0.327 ± 0.000 $\chi^2/\text{NDF}: 8294.3/47$

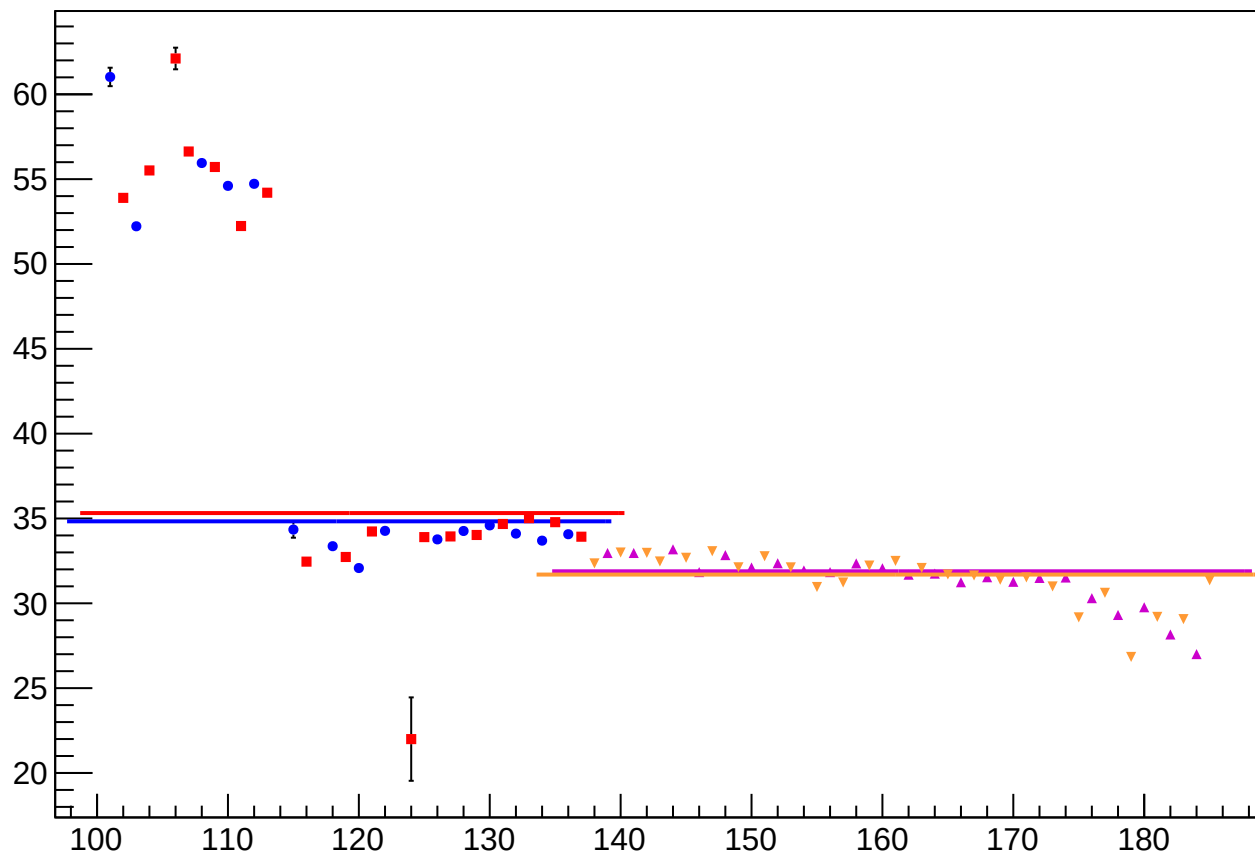
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.334 ± 0.000 $\chi^2/\text{NDF}: 5667.7/37$

Out: 0.315 ± 0.001 $\chi^2/\text{NDF}: 10203.2/42$

All: 0.324 ± 0.000 $\chi^2/\text{NDF}: 16543.8/80$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.694 $\pm$ 0.003 χ^2 /NDF: 68467.5/24

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.887 $\pm$ 0.004 χ^2 /NDF: 33208.8/22

Left: 31.775 $\pm$ 0.002 χ^2 /NDF: 103317.3/47

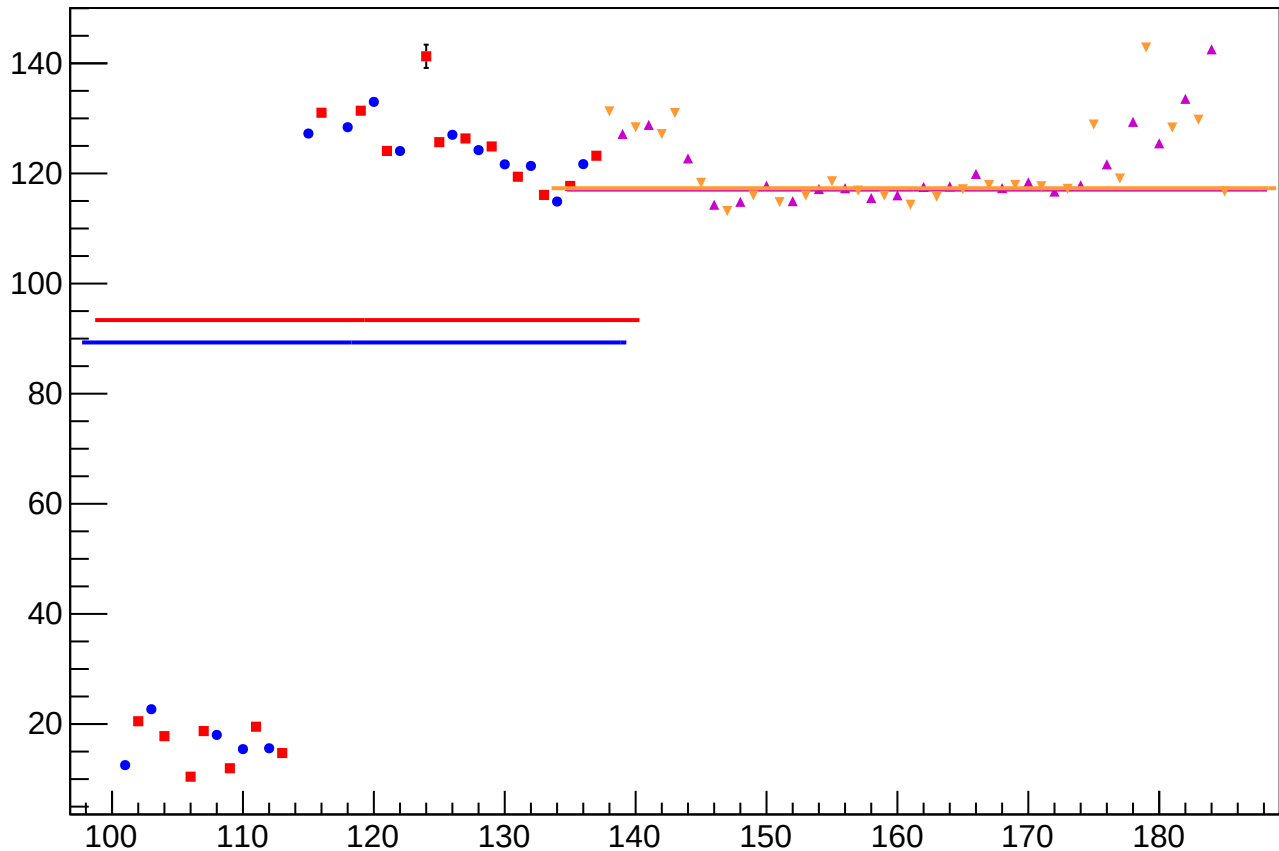
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.329 $\pm$ 0.003 χ^2 /NDF: 377934.2/37

Out: 32.010 $\pm$ 0.003 χ^2 /NDF: 451029.9/42

All: 32.149 $\pm$ 0.002 χ^2 /NDF: 834102.4/80

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 $\pm$ 0.027 χ^2 /NDF: 3034485.1/14

Left Out: 117.315 $\pm$ 0.008 χ^2 /NDF: 154578.1/24

Right Out: 93.367 $\pm$ 0.030 χ^2 /NDF: 2852493.6/17

Left In: 117.066 $\pm$ 0.009 χ^2 /NDF: 63800.7/22

Left: 117.203 $\pm$ 0.006 χ^2 /NDF: 218820.8/47

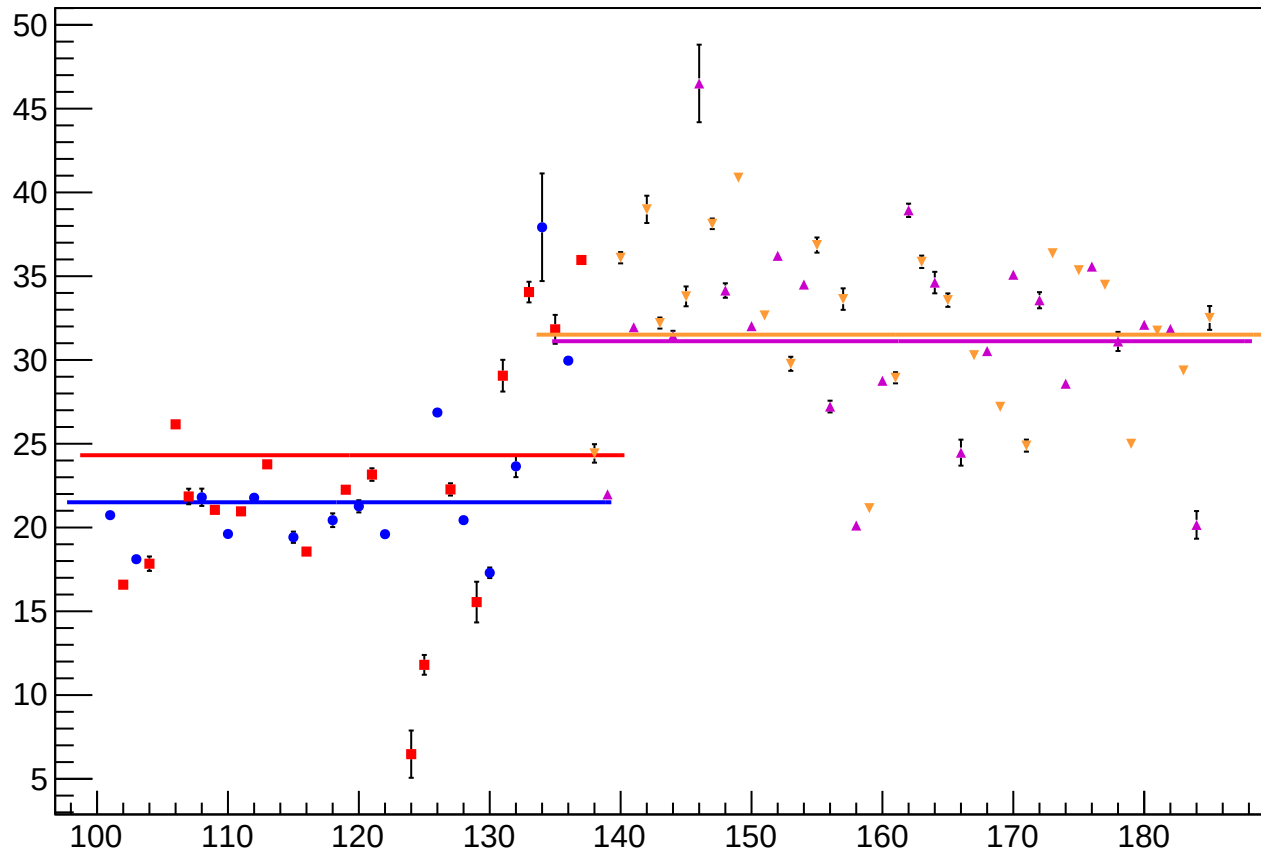
Right: 91.158 $\pm$ 0.020 χ^2 /NDF: 5896996.6/32

In: 114.497 $\pm$ 0.008 χ^2 /NDF: 4027441.9/37

Out: 115.739 $\pm$ 0.008 χ^2 /NDF: 3604676.5/42

All: 115.170 $\pm$ 0.006 χ^2 /NDF: 7644121.5/80

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 31.511 ± 0.061 $\chi^2/\text{NDF}: 6155.0/24$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 31.120 ± 0.058 $\chi^2/\text{NDF}: 6111.4/22$

Left: 31.304 ± 0.042 $\chi^2/\text{NDF}: 12288.2/47$

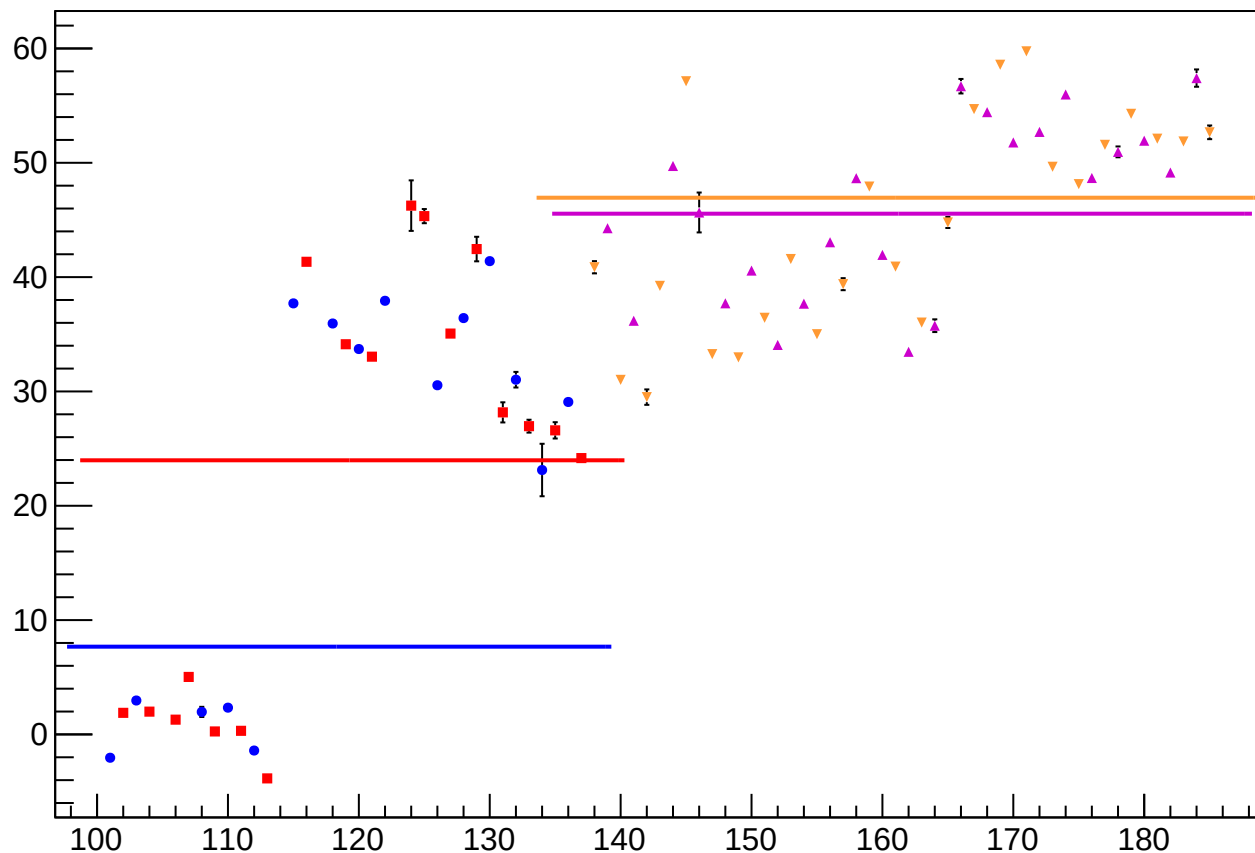
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 27.393 ± 0.045 $\chi^2/\text{NDF}: 19892.8/37$

Out: 27.761 ± 0.042 $\chi^2/\text{NDF}: 27706.0/42$

All: 27.589 ± 0.031 $\chi^2/\text{NDF}: 47634.2/80$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 46.946 ± 0.051 $\chi^2/\text{NDF}: 27077.1/24$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 45.548 ± 0.049 $\chi^2/\text{NDF}: 19148.5/22$

Left: 46.228 ± 0.035 $\chi^2/\text{NDF}: 46616.6/47$

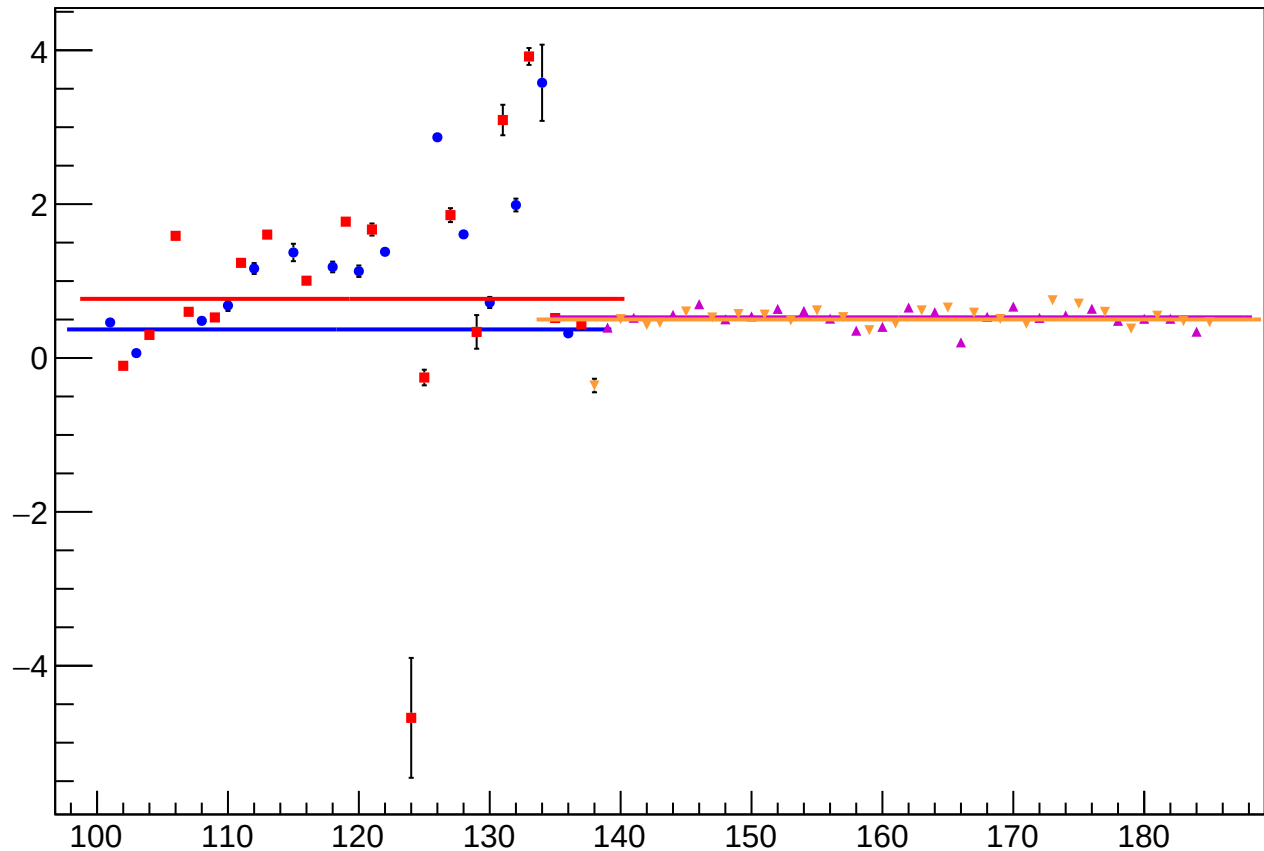
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 24.990 ± 0.033 $\chi^2/\text{NDF}: 436078.9/37$

Out: 24.561 ± 0.008 $\chi^2/\text{NDF}: 337909.6/42$

All: 24.584 ± 0.008 $\chi^2/\text{NDF}: 774145.5/80$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.501 ± 0.001 χ^2/NDF : 15200.8/24

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.528 ± 0.001 χ^2/NDF : 12771.0/22

Left: 0.517 ± 0.001 χ^2/NDF : 28469.4/47

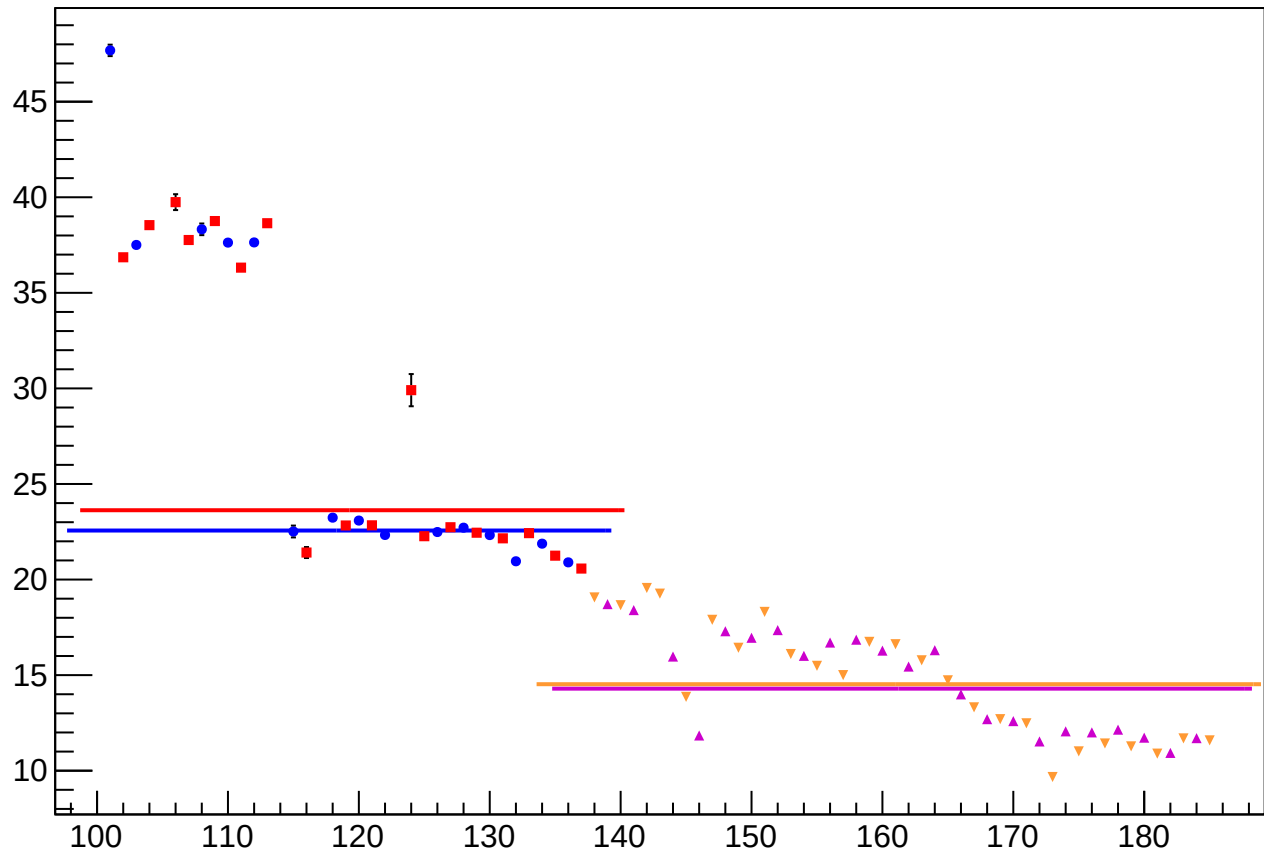
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.523 ± 0.001 χ^2/NDF : 18771.1/37

Out: 0.506 ± 0.001 χ^2/NDF : 20804.3/42

All: 0.516 ± 0.001 χ^2/NDF : 39783.2/80

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 14.525 ± 0.005 $\chi^2/\text{NDF}: 330665.6/24$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 14.293 ± 0.005 $\chi^2/\text{NDF}: 213936.0/22$

Left: 14.416 ± 0.004 $\chi^2/\text{NDF}: 545576.5/47$

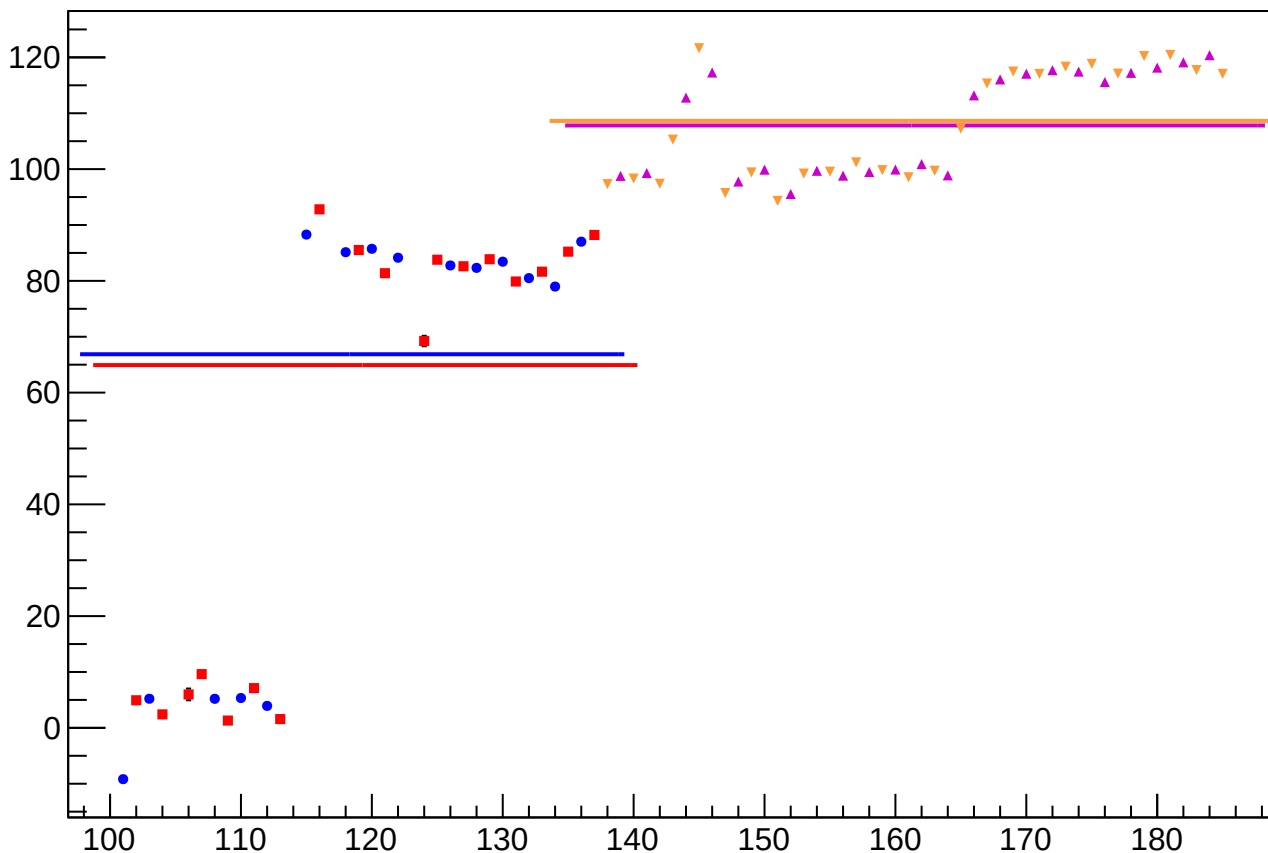
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 16.118 ± 0.005 $\chi^2/\text{NDF}: 822092.2/37$

Out: 16.090 ± 0.005 $\chi^2/\text{NDF}: 998607.7/42$

All: 16.104 ± 0.003 $\chi^2/\text{NDF}: 1820716.8/80$

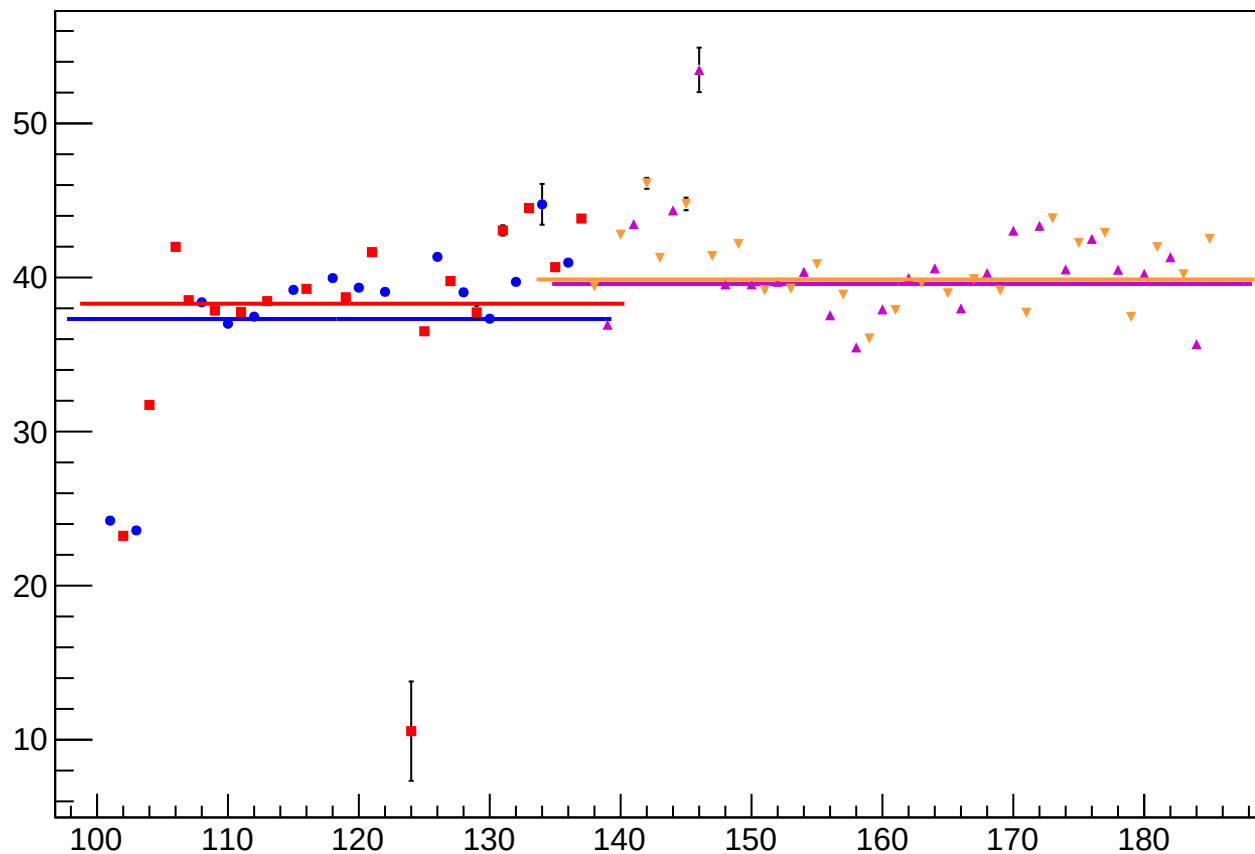
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866+/-0.027 χ^2/NDF : 1494212.3/14
 Left Out: 108.629+/-0.010 χ^2/NDF : 1009313.9/24
 Right Out: 64.929+/-0.030 χ^2/NDF : 1334580.7/17
 Left In: 107.814+/-0.010 χ^2/NDF : 911439.9/22

Left: 108.221+/-0.007 χ^2/NDF : 1924352.7/47
 Right: 65.988+/-0.020 χ^2/NDF : 2831116.5/32
 In: 103.229+/-0.009 χ^2/NDF : 4439055.0/37
 Out: 104.501+/-0.009 χ^2/NDF : 4300660.5/42
 All: 103.859+/-0.006 χ^2/NDF : 8749493.9/80

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.876 ± 0.027 $\chi^2/\text{NDF}: 6971.6/24$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.582 ± 0.023 $\chi^2/\text{NDF}: 9138.0/22$

Left: 39.705 ± 0.018 $\chi^2/\text{NDF}: 16178.2/47$

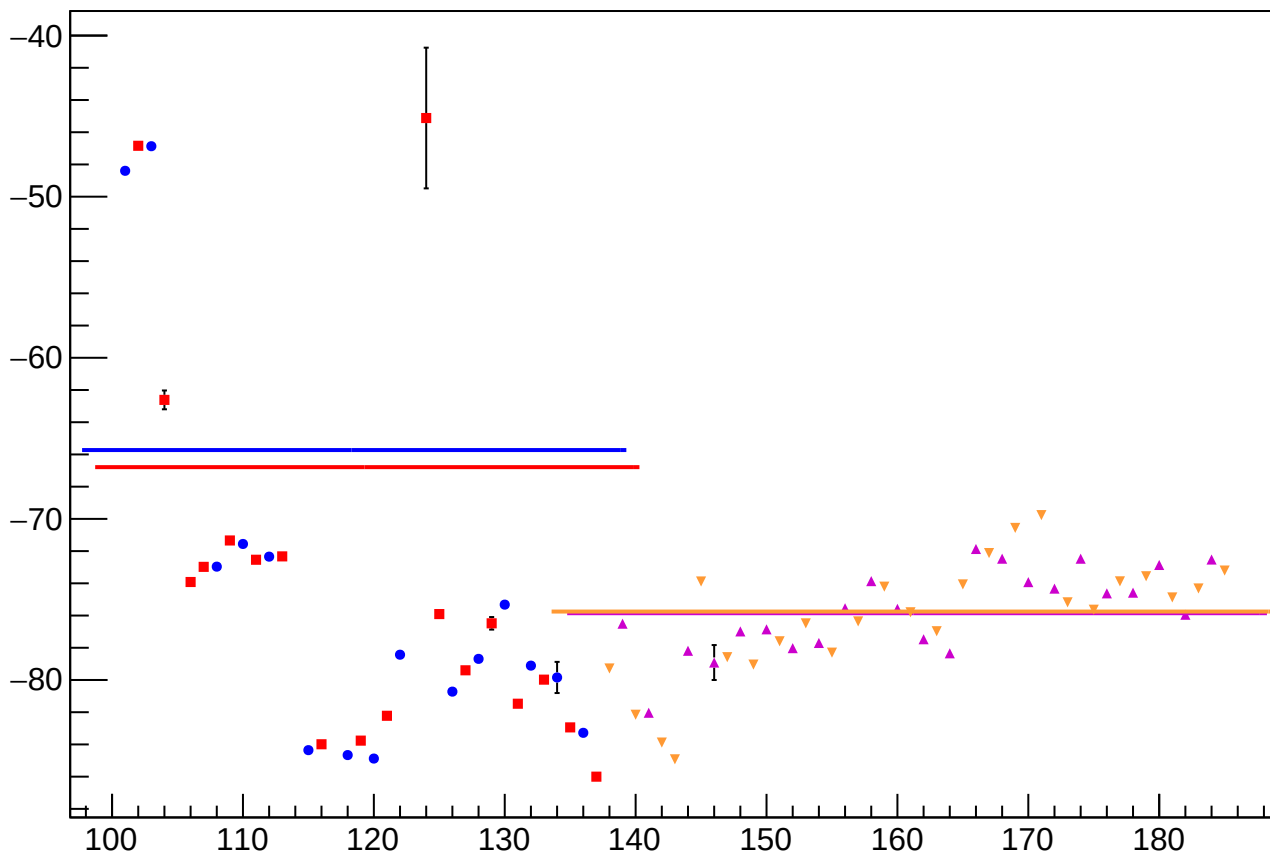
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.450 ± 0.016 $\chi^2/\text{NDF}: 73591.2/37$

Out: 38.875 ± 0.016 $\chi^2/\text{NDF}: 27965.4/42$

All: 38.661 ± 0.012 $\chi^2/\text{NDF}: 101896.4/80$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.752 ± 0.022 $\chi^2/\text{NDF}: 23838.2/24$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.855 ± 0.019 $\chi^2/\text{NDF}: 12226.9/22$

Left: -75.810 ± 0.014 $\chi^2/\text{NDF}: 36077.9/47$

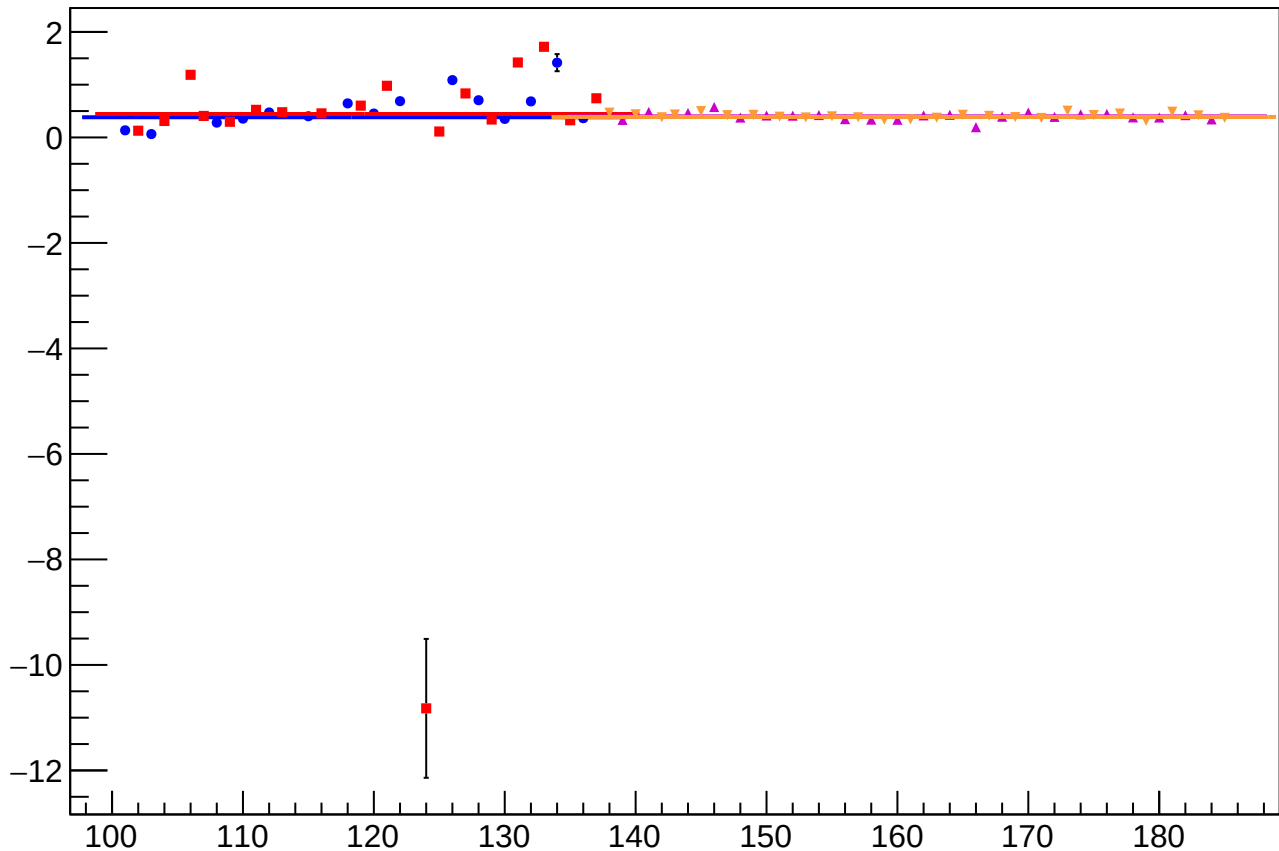
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.150 ± 0.013 $\chi^2/\text{NDF}: 1073023.0/37$

Out: -69.894 ± 0.013 $\chi^2/\text{NDF}: 944623.5/42$

All: -70.023 ± 0.009 $\chi^2/\text{NDF}: 2017848.7/80$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.388 $\pm$ 0.000 χ^2 /NDF:10612.7/24

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.399 $\pm$ 0.000 χ^2 /NDF:8983.2/22

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19898.3/47

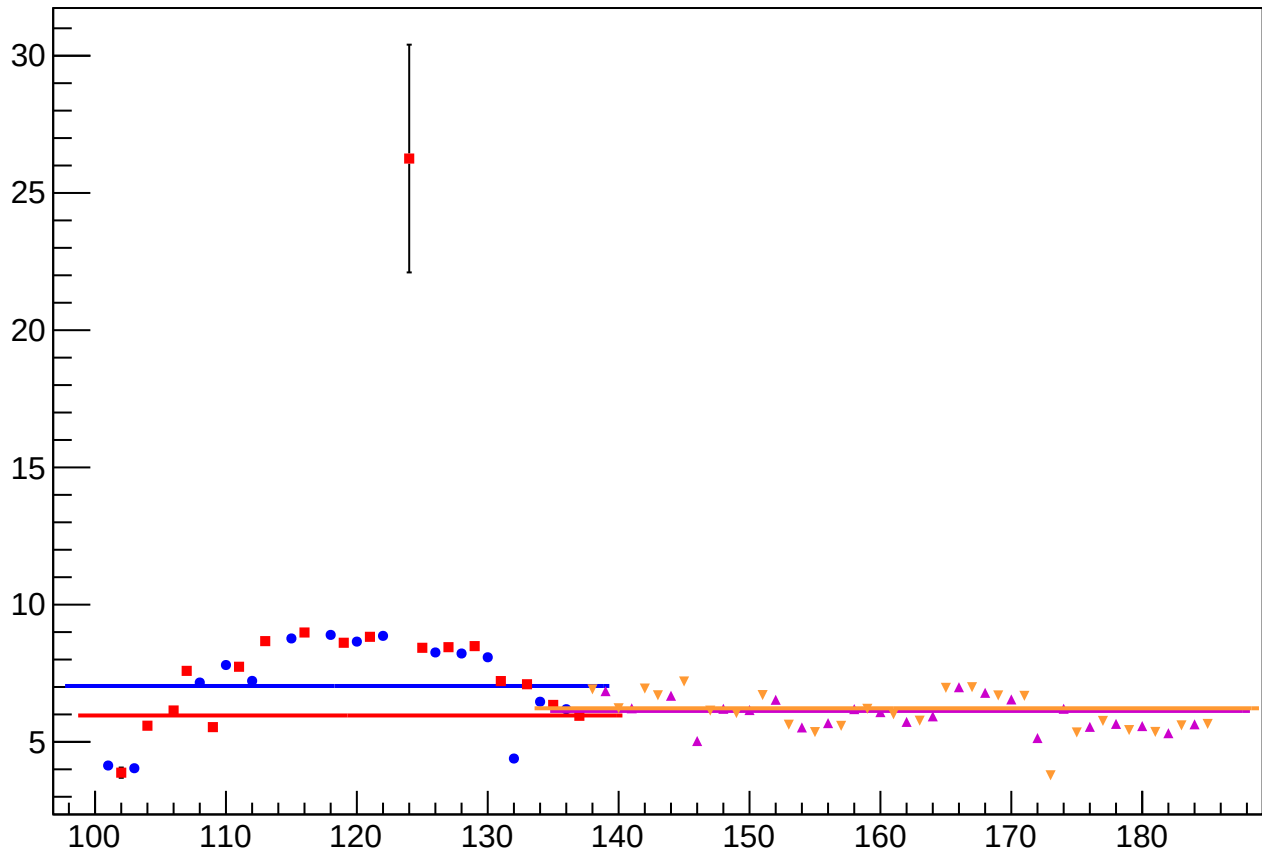
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.398 $\pm$ 0.000 χ^2 /NDF:17230.6/37

Out: 0.389 $\pm$ 0.000 χ^2 /NDF:13630.3/42

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 31082.2/80

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.224 $\pm$ 0.002 χ^2 /NDF:119216.7/24

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.128 $\pm$ 0.002 χ^2 /NDF:56126.9/22

Left: 6.176 $\pm$ 0.001 χ^2 /NDF: 177370.7/47

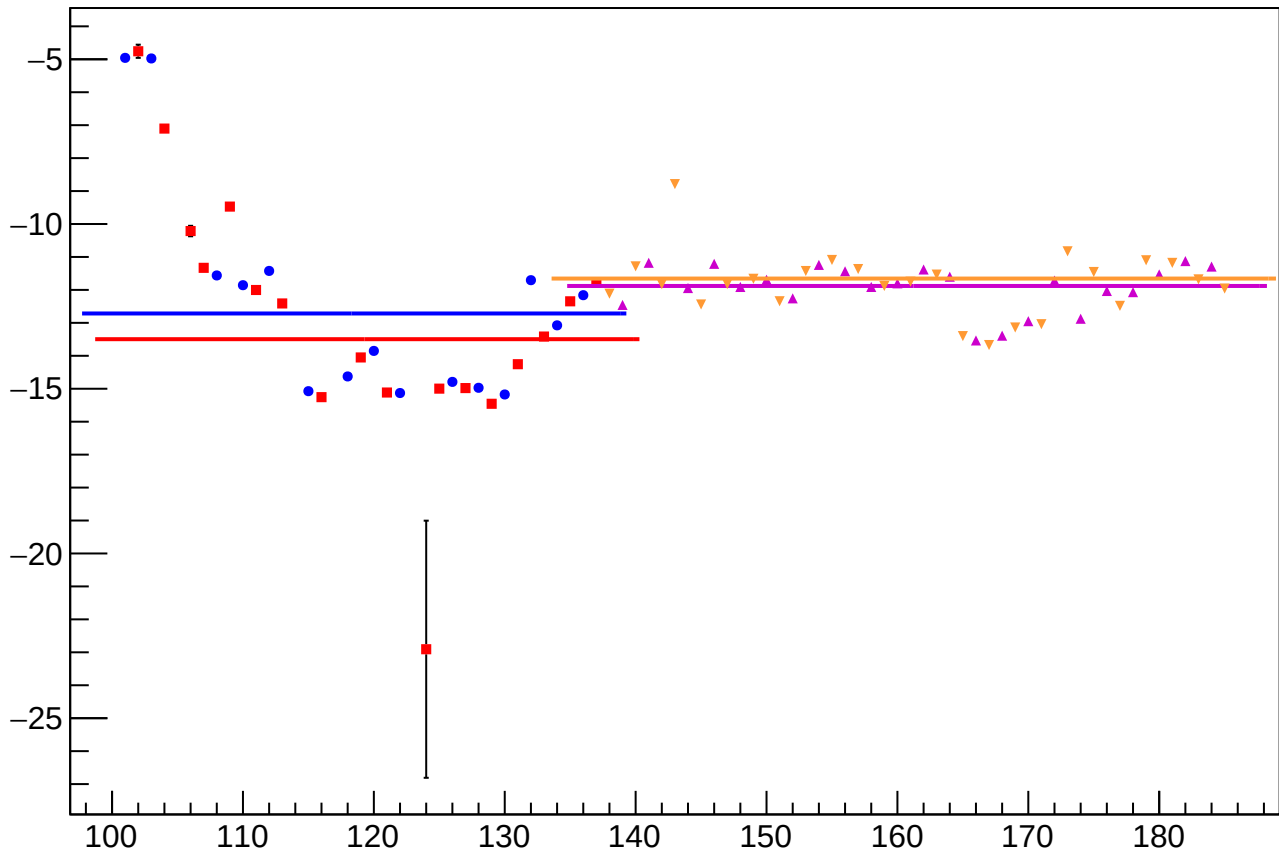
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.219 $\pm$ 0.001 χ^2 /NDF:162354.5/37

Out: 5.980 $\pm$ 0.000 χ^2 /NDF:315577.5/42

All: 5.996 $\pm$ 0.000 χ^2 /NDF: 503936.2/80

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.656 ± 0.002 χ^2/NDF : 344360.7/24

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.880 ± 0.002 χ^2/NDF : 66782.1/22

Left: -11.766 ± 0.001 χ^2/NDF : 416968.1/47

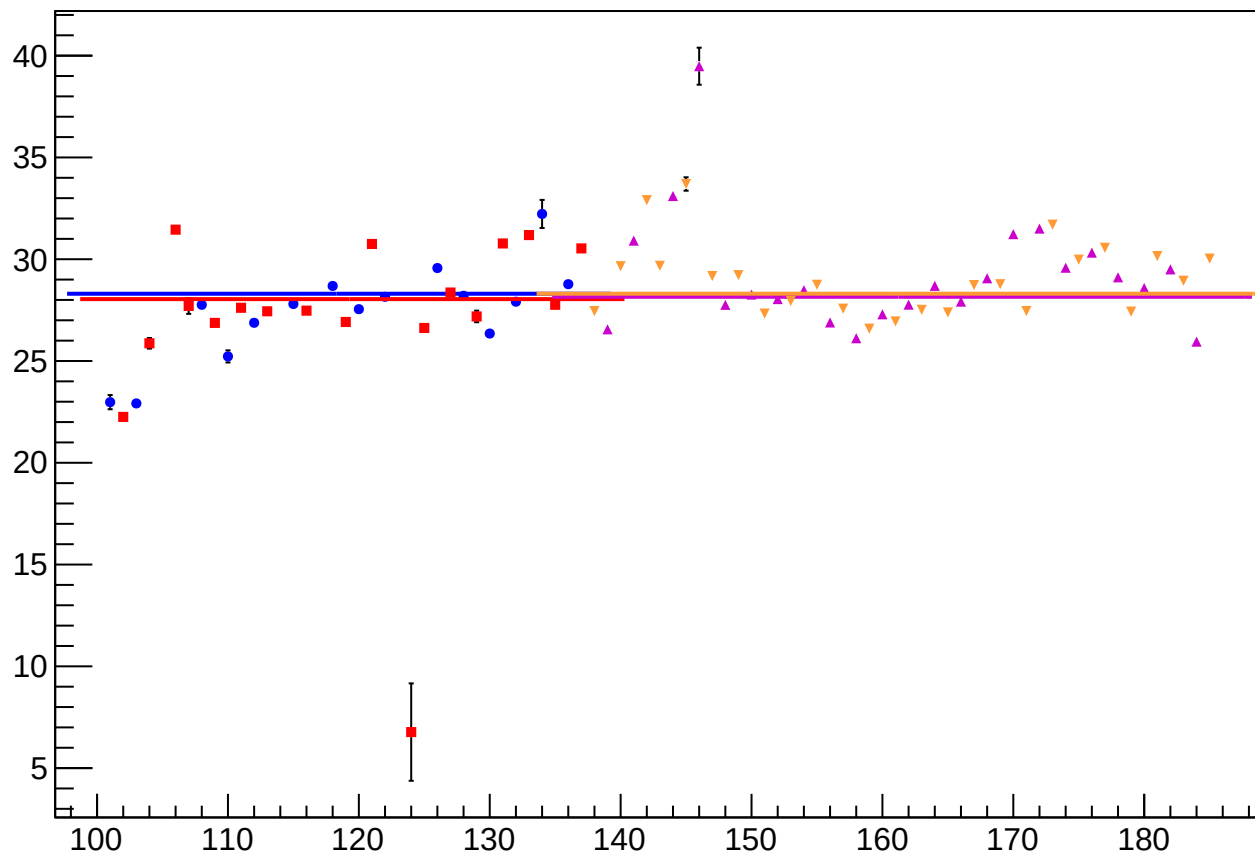
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.962 ± 0.002 χ^2/NDF : 167467.3/37

Out: -11.862 ± 0.002 χ^2/NDF : 489146.4/42

All: -11.911 ± 0.001 χ^2/NDF : 657897.8/80

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.306 ± 0.018 $\chi^2/\text{NDF}: 6808.0/24$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.156 ± 0.015 $\chi^2/\text{NDF}: 9251.0/22$

Left: 28.218 ± 0.011 $\chi^2/\text{NDF}: 16102.3/47$

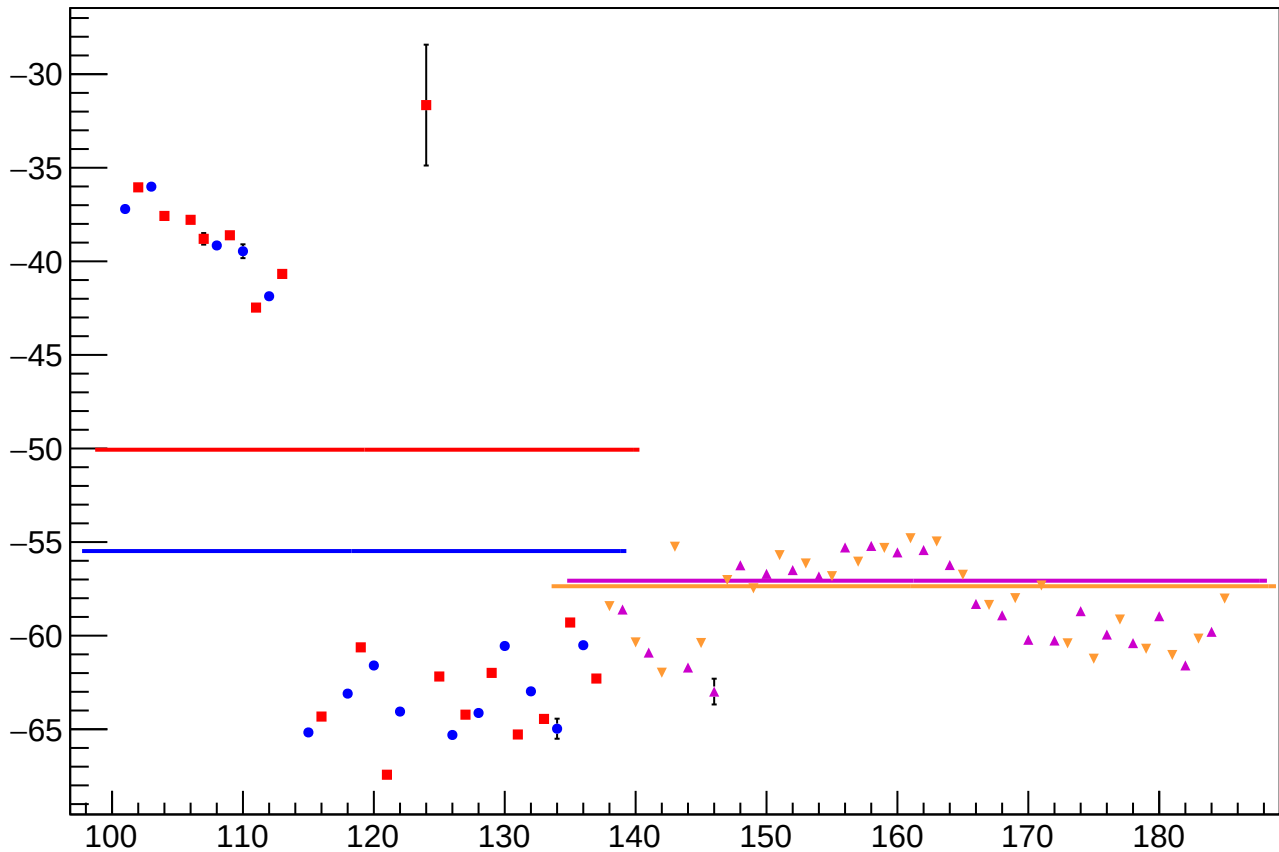
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.198 ± 0.012 $\chi^2/\text{NDF}: 12680.4/37$

Out: 28.239 ± 0.015 $\chi^2/\text{NDF}: 9427.3/42$

All: 28.215 ± 0.010 $\chi^2/\text{NDF}: 22112.1/80$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -57.360 ± 0.014 $\chi^2/\text{NDF}: 22967.0/24$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -57.064 ± 0.013 $\chi^2/\text{NDF}: 19679.5/22$

Left: -57.193 ± 0.010 $\chi^2/\text{NDF}: 42882.6/47$

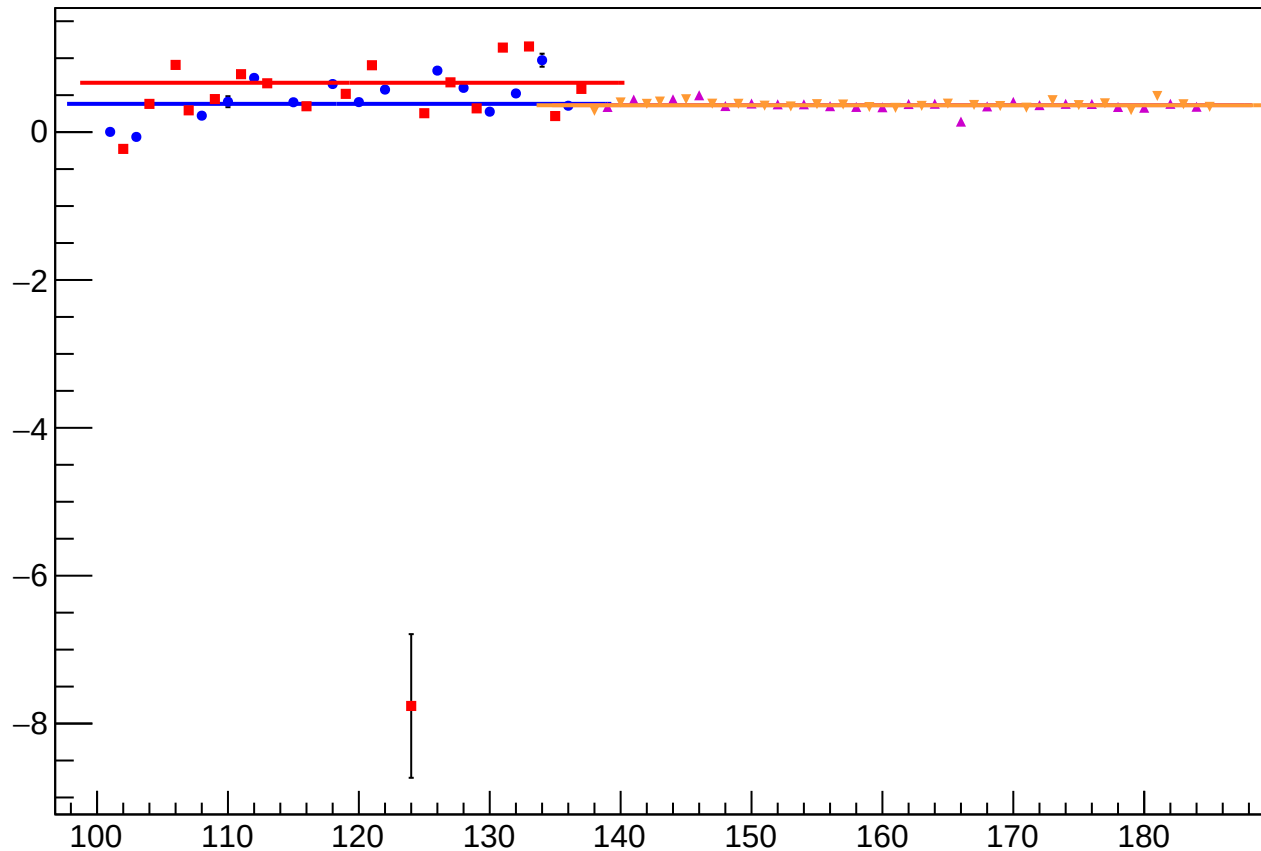
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.478 ± 0.010 $\chi^2/\text{NDF}: 620581.6/37$

Out: -55.314 ± 0.012 $\chi^2/\text{NDF}: 434656.2/42$

All: -56.008 ± 0.008 $\chi^2/\text{NDF}: 1060621.3/80$

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 $\chi^2/\text{NDF}: 8271.7/24$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.365 ± 0.000 $\chi^2/\text{NDF}: 6174.1/22$

Left: 0.364 ± 0.000 $\chi^2/\text{NDF}: 14465.1/47$

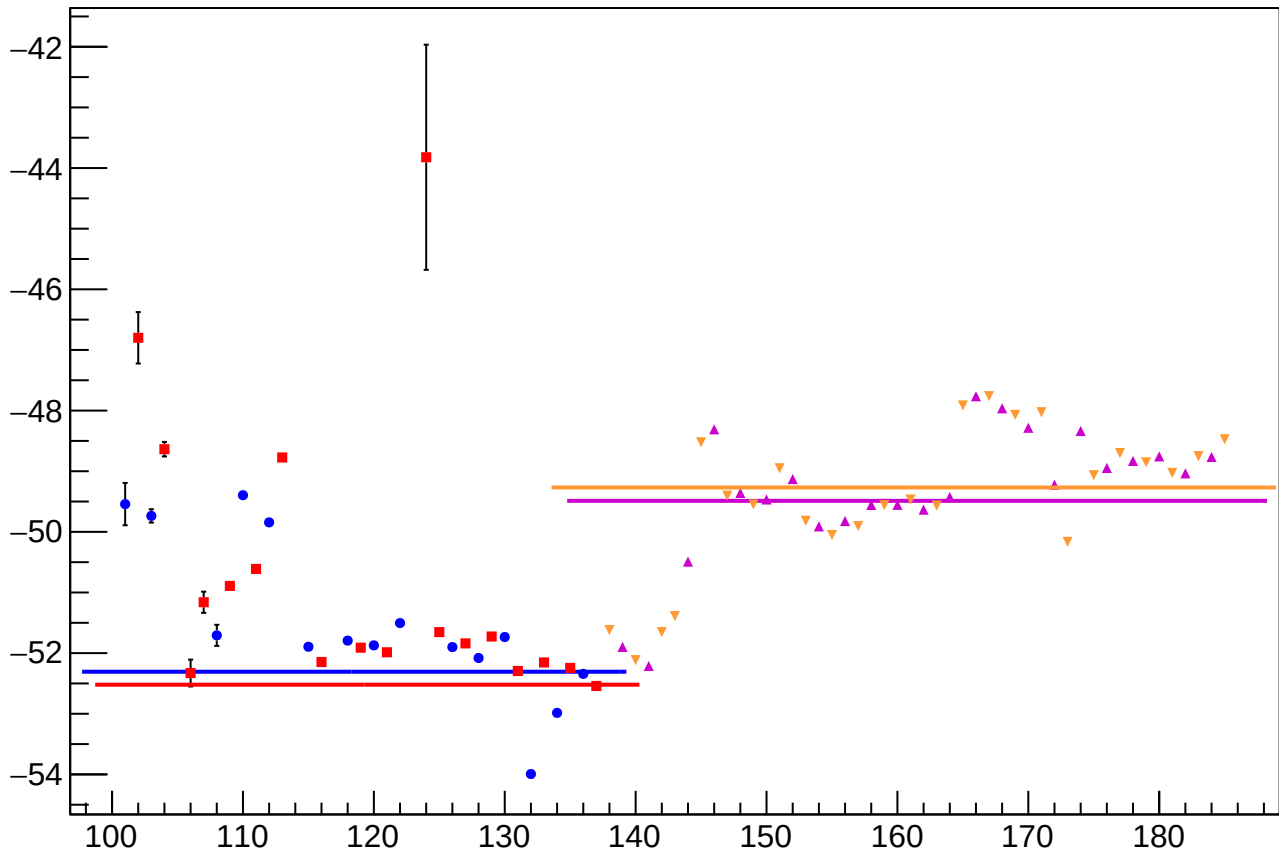
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.366 ± 0.000 $\chi^2/\text{NDF}: 10875.4/37$

Out: 0.365 ± 0.000 $\chi^2/\text{NDF}: 16314.6/42$

All: 0.366 ± 0.000 $\chi^2/\text{NDF}: 27195.9/80$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -49.268 ± 0.001 $\chi^2/\text{NDF}: 513864.2/24$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -49.488 ± 0.001 $\chi^2/\text{NDF}: 431523.8/22$

Left: -49.376 ± 0.001 $\chi^2/\text{NDF}: 958080.7/47$

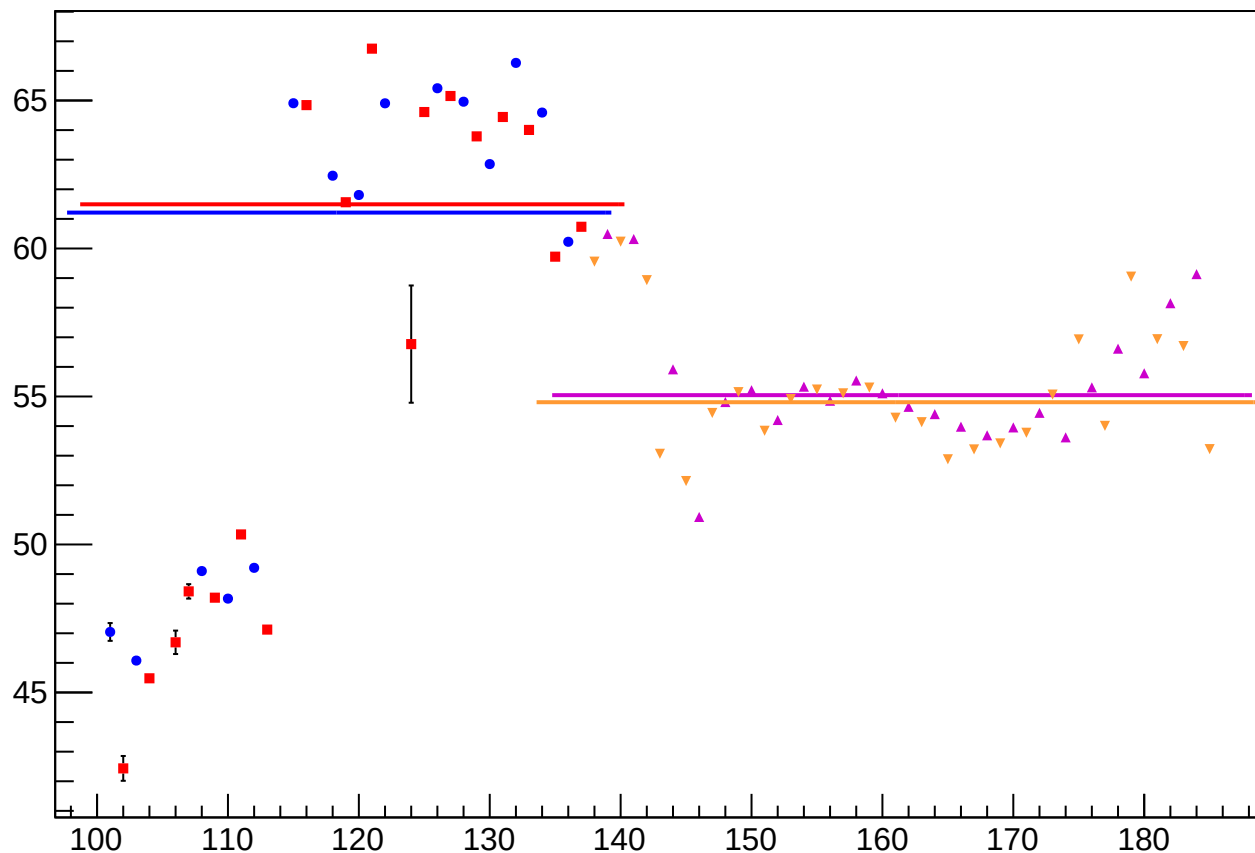
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -49.812 ± 0.001 $\chi^2/\text{NDF}: 923740.1/37$

Out: -51.242 ± 0.001 $\chi^2/\text{NDF}: 3946921.2/42$

All: -50.814 ± 0.001 $\chi^2/\text{NDF}: 5698670.5/80$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2 /NDF: 156624.5/14

Left Out: 54.806 $\pm$ 0.003 χ^2 /NDF: 271103.2/24

Right Out: 61.493 $\pm$ 0.007 χ^2 /NDF: 243479.8/17

Left In: 55.045 $\pm$ 0.003 χ^2 /NDF: 88930.1/22

Left: 54.937 $\pm$ 0.002 χ^2 /NDF: 363166.9/47

Right: 61.405 $\pm$ 0.006 χ^2 /NDF: 400649.5/32

In: 55.519 $\pm$ 0.003 χ^2 /NDF: 601910.7/37

Out: 56.014 $\pm$ 0.003 χ^2 /NDF: 1326558.0/42

All: 55.757 $\pm$ 0.002 χ^2 /NDF: 1944055.0/80

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

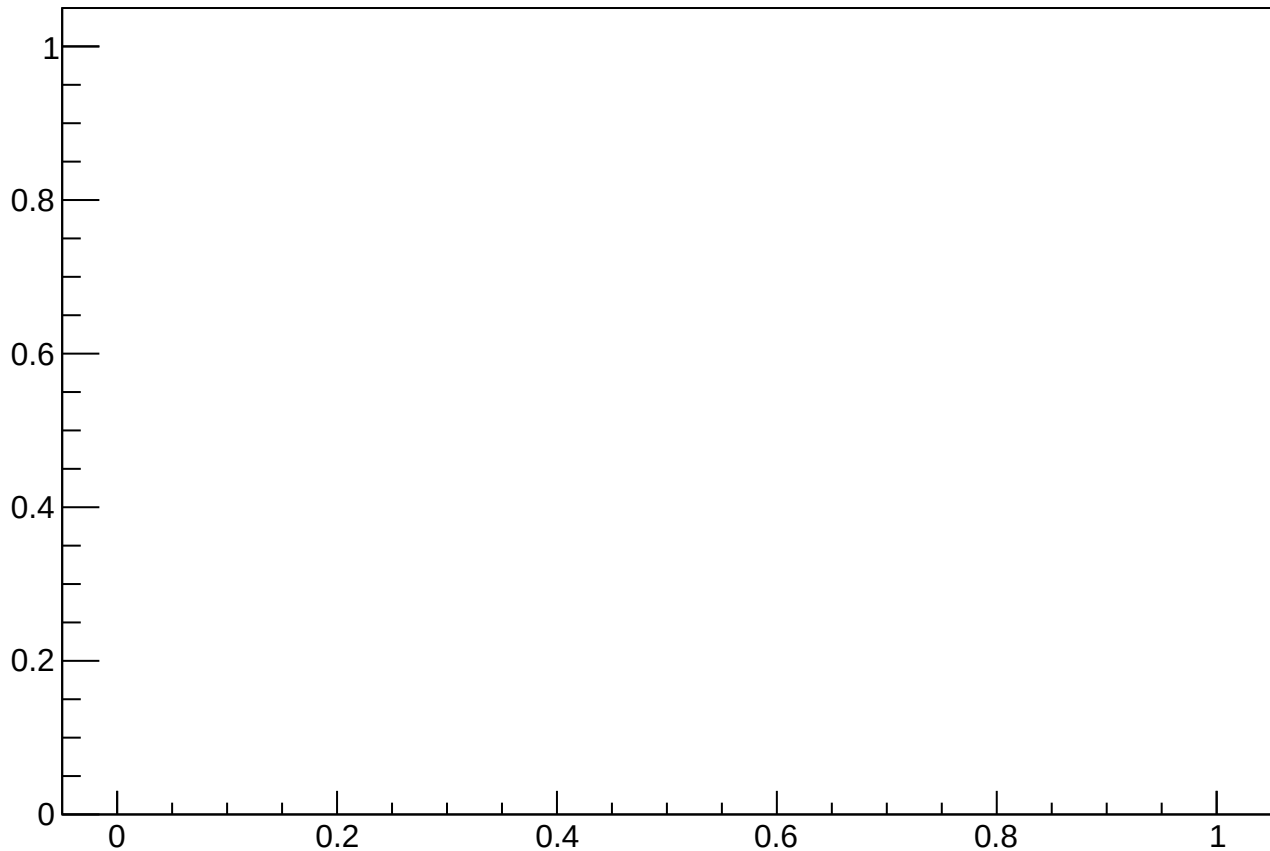
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

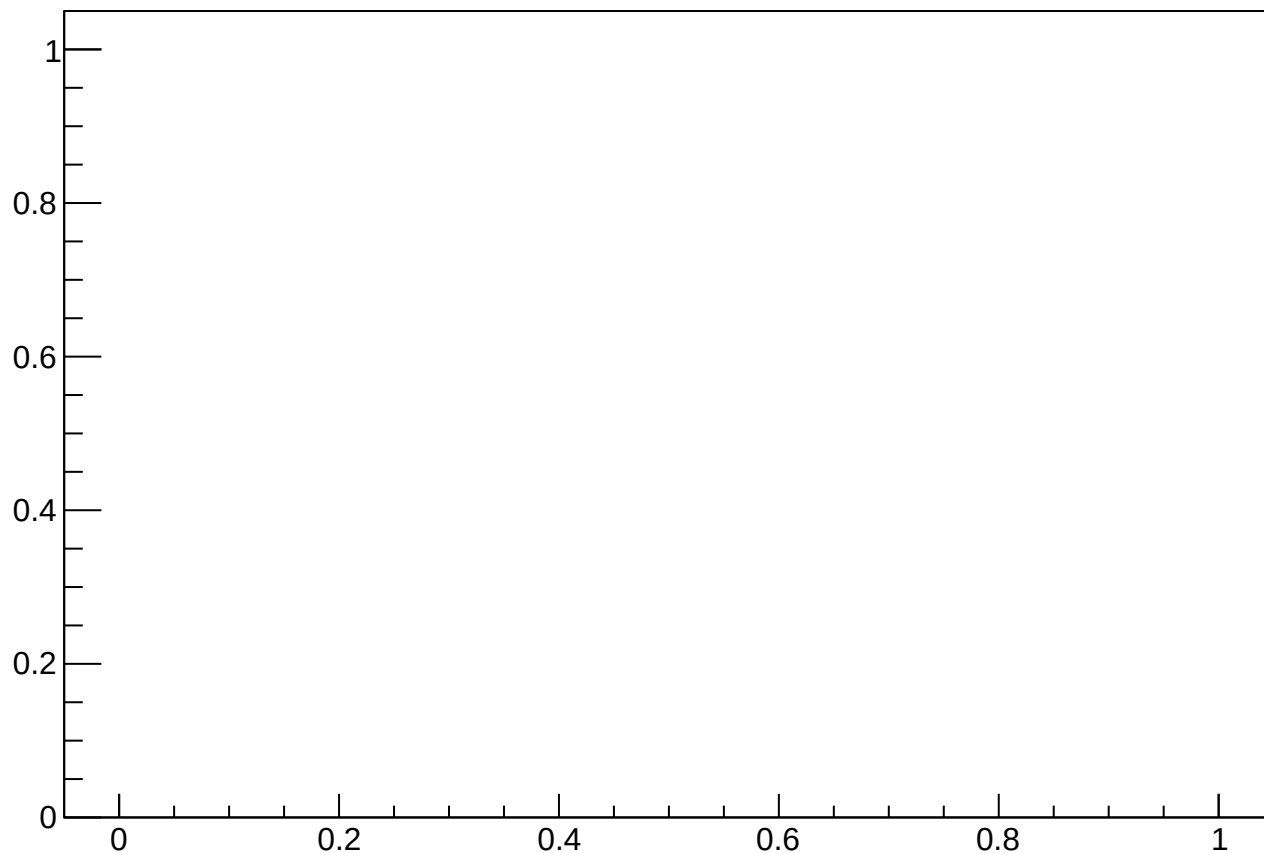
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

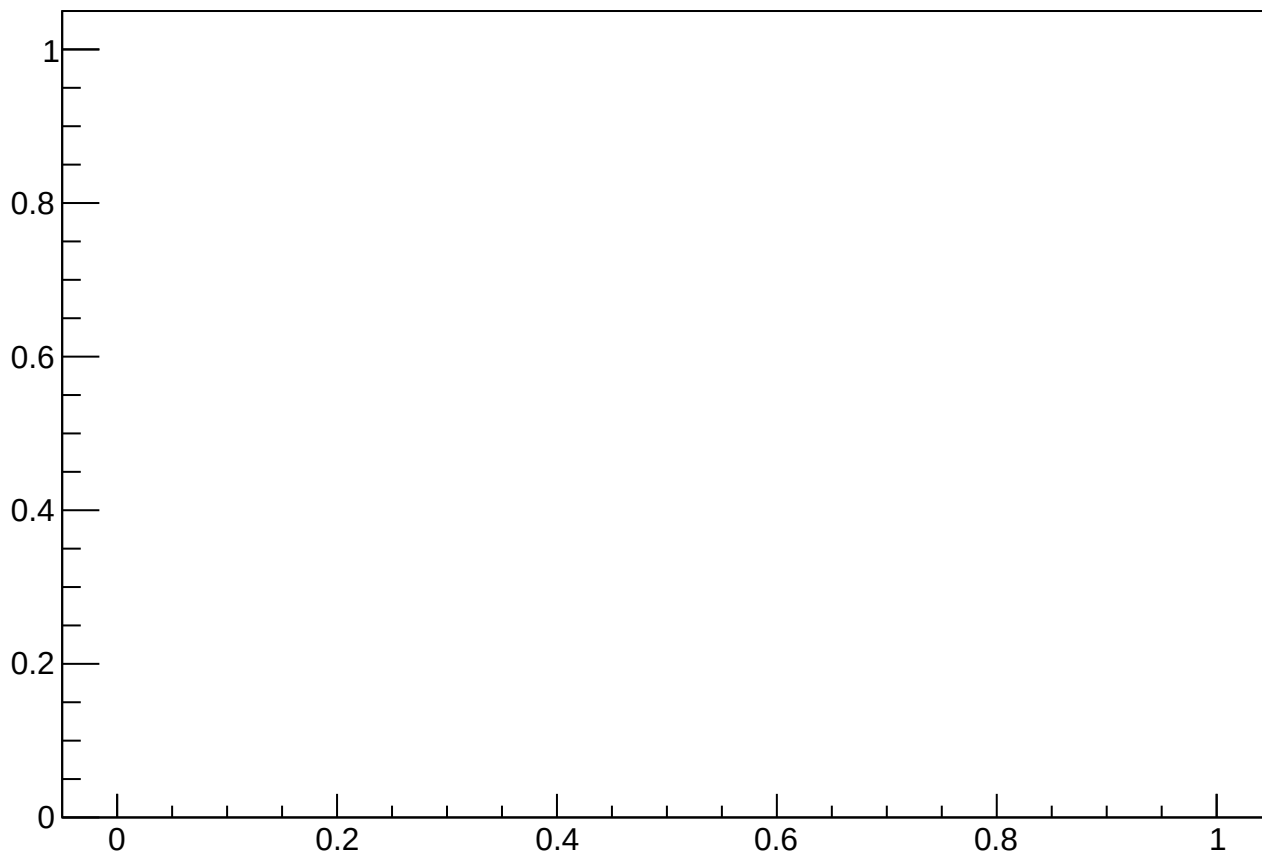
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

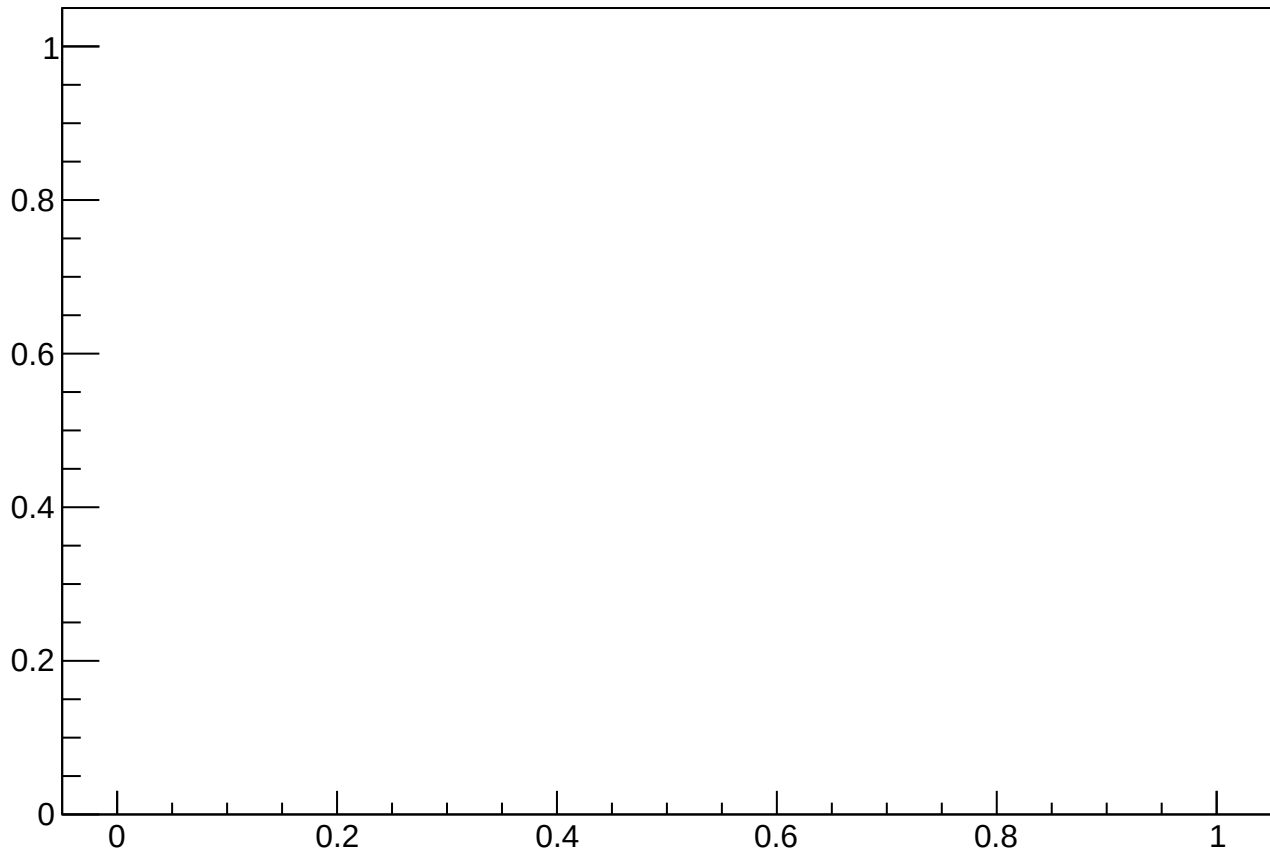
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

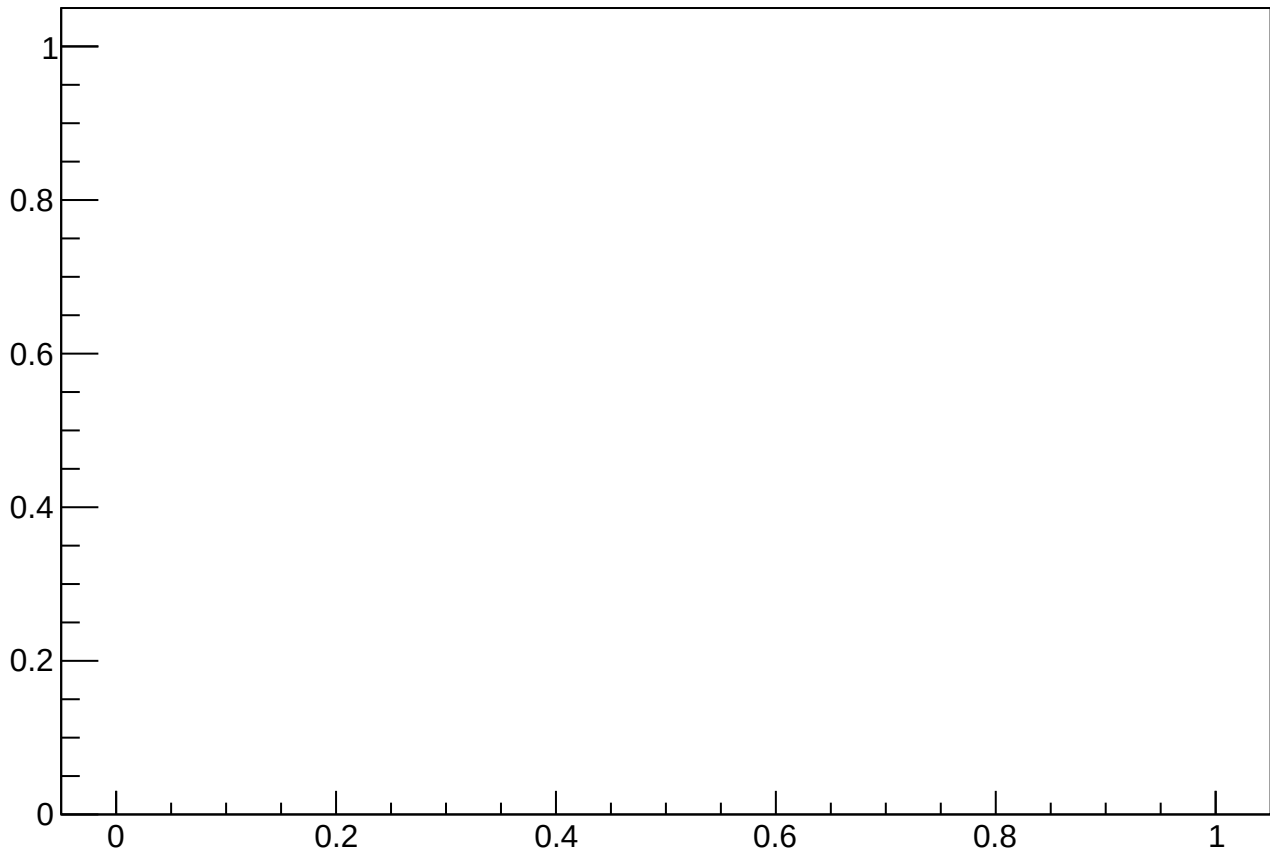
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

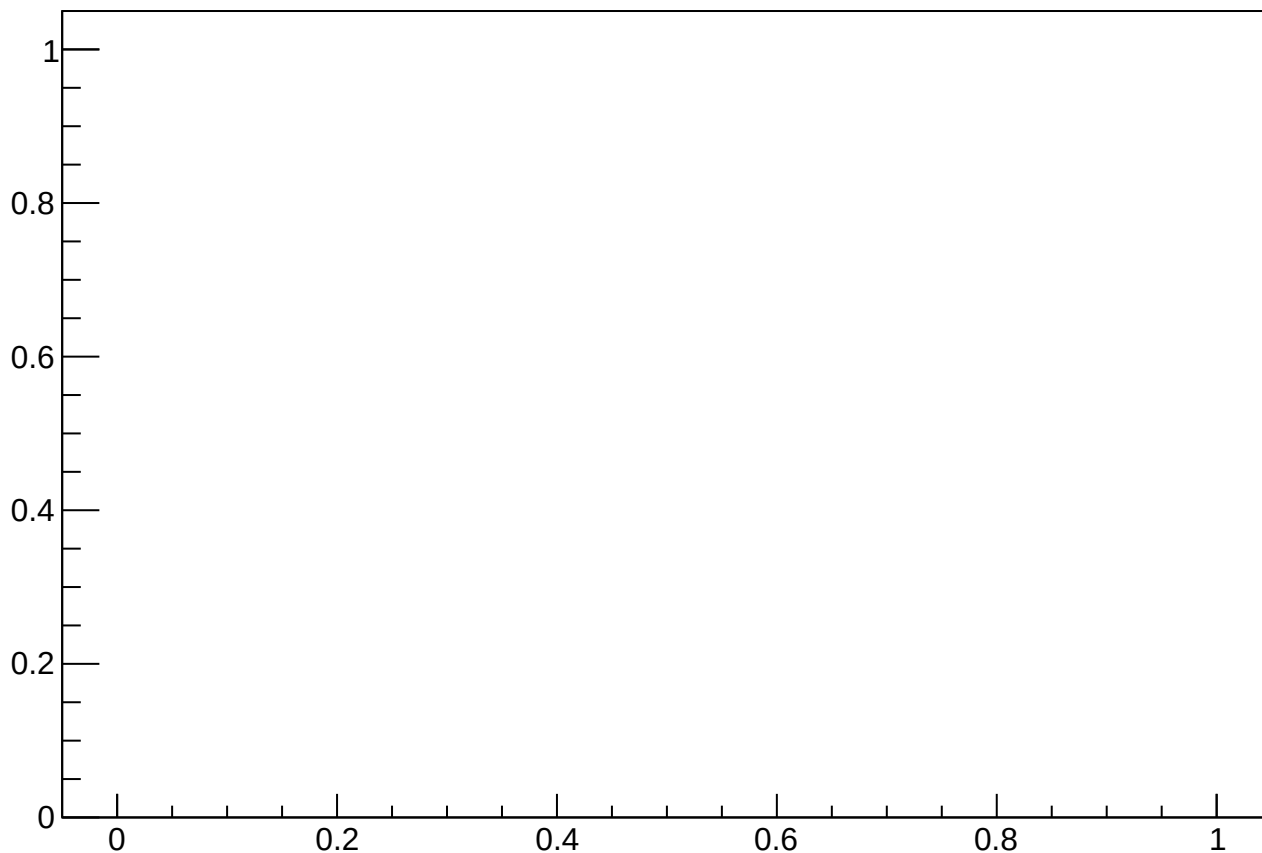
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

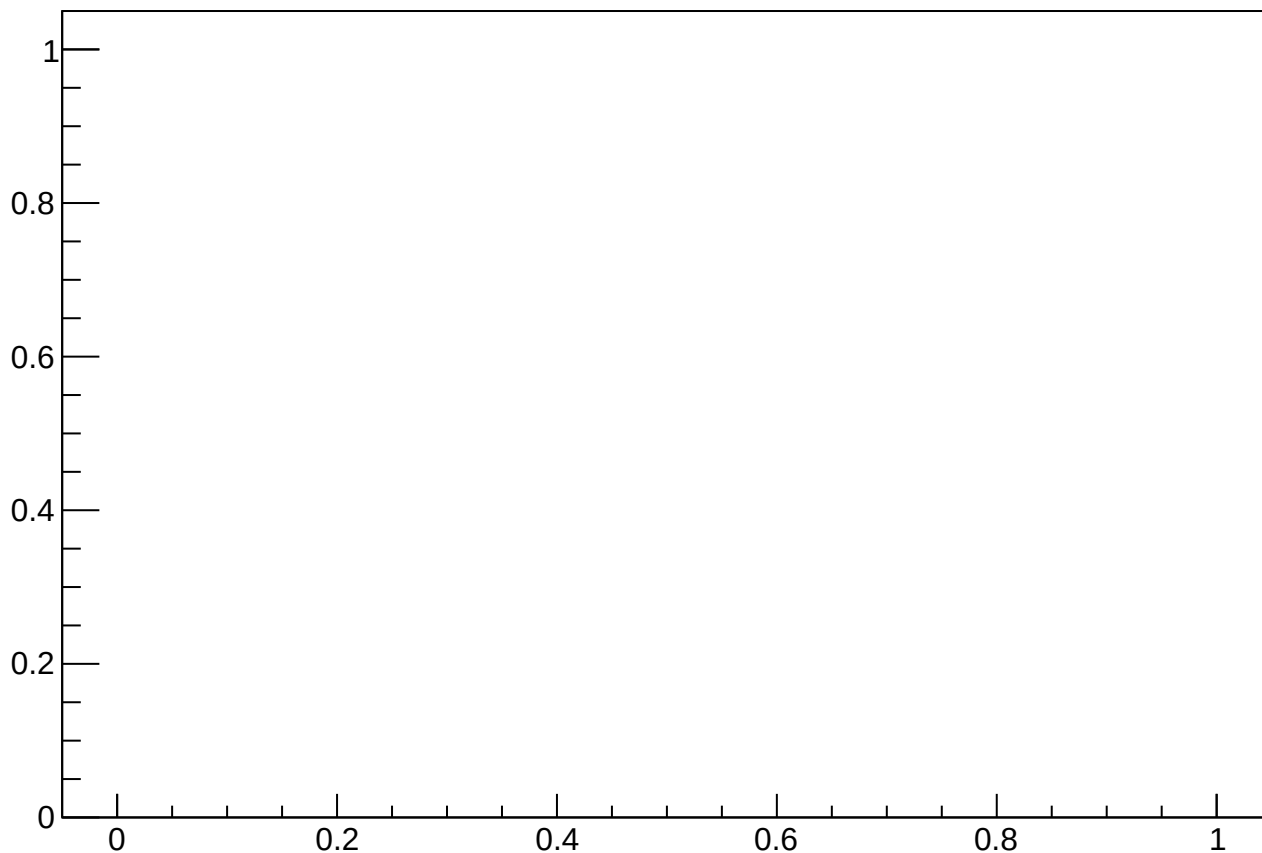
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

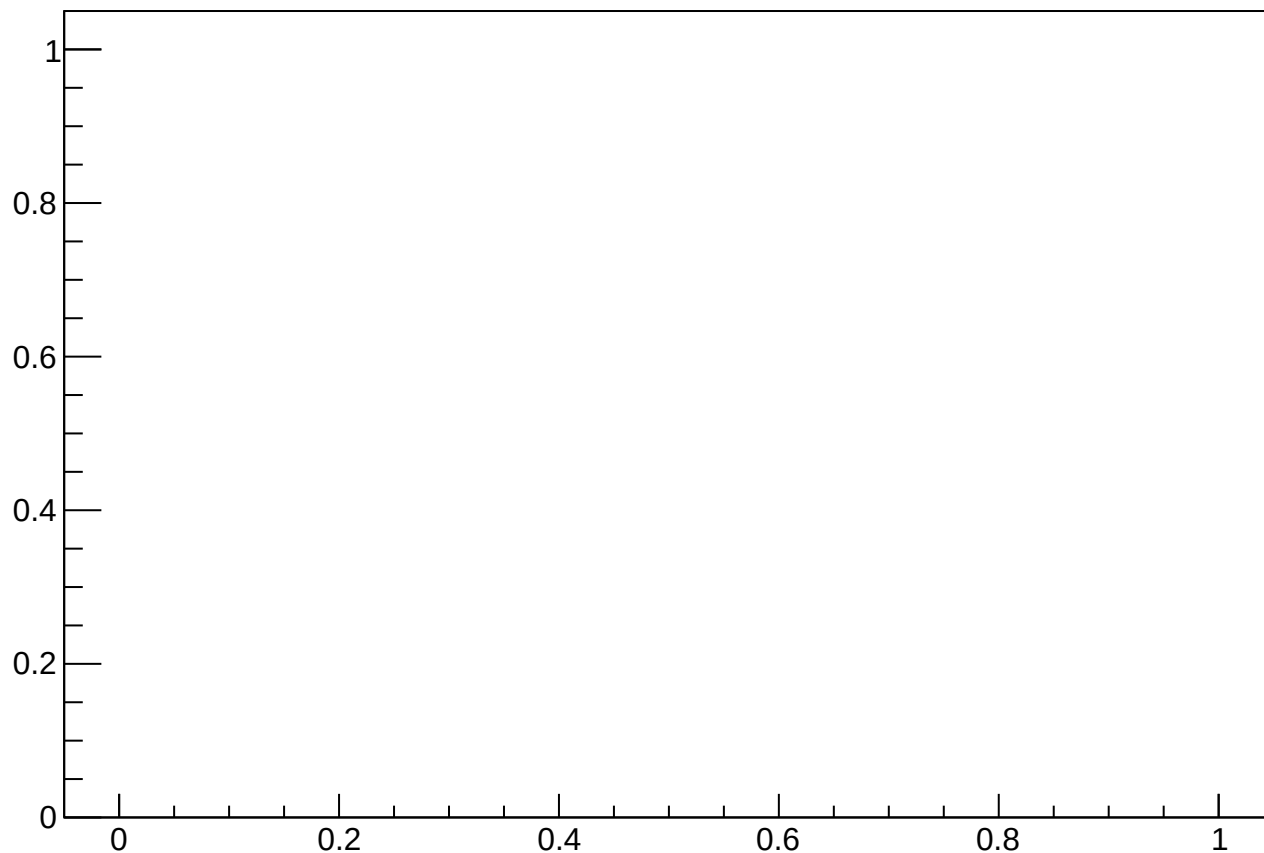
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

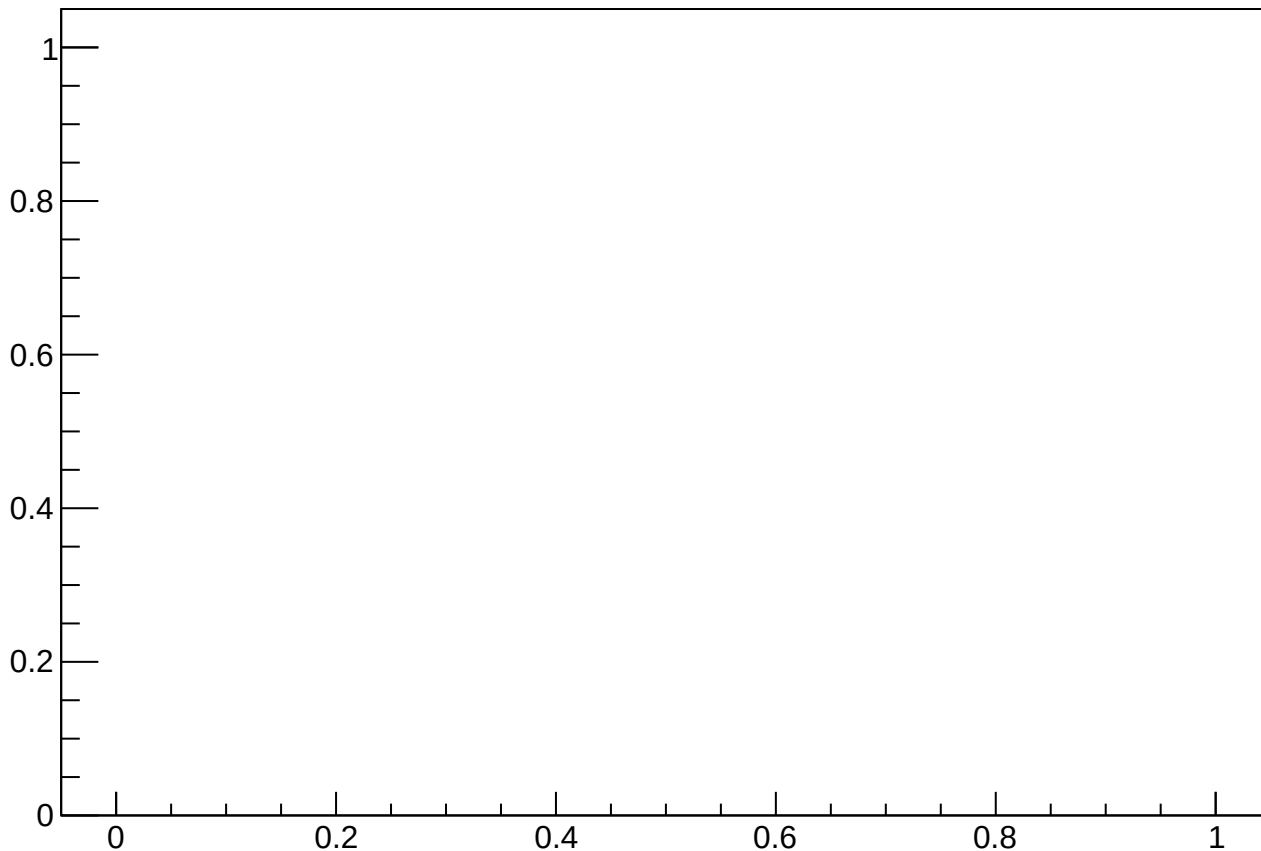
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

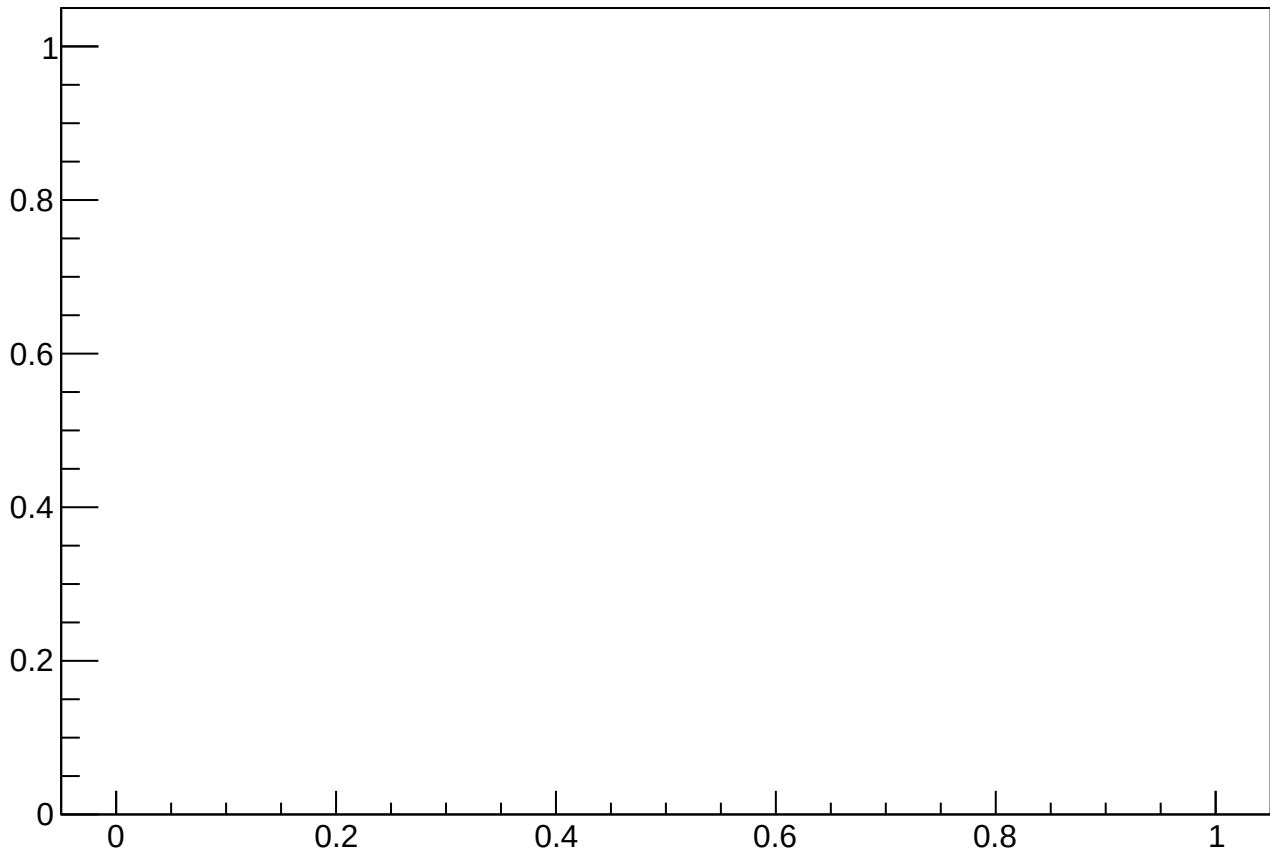
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

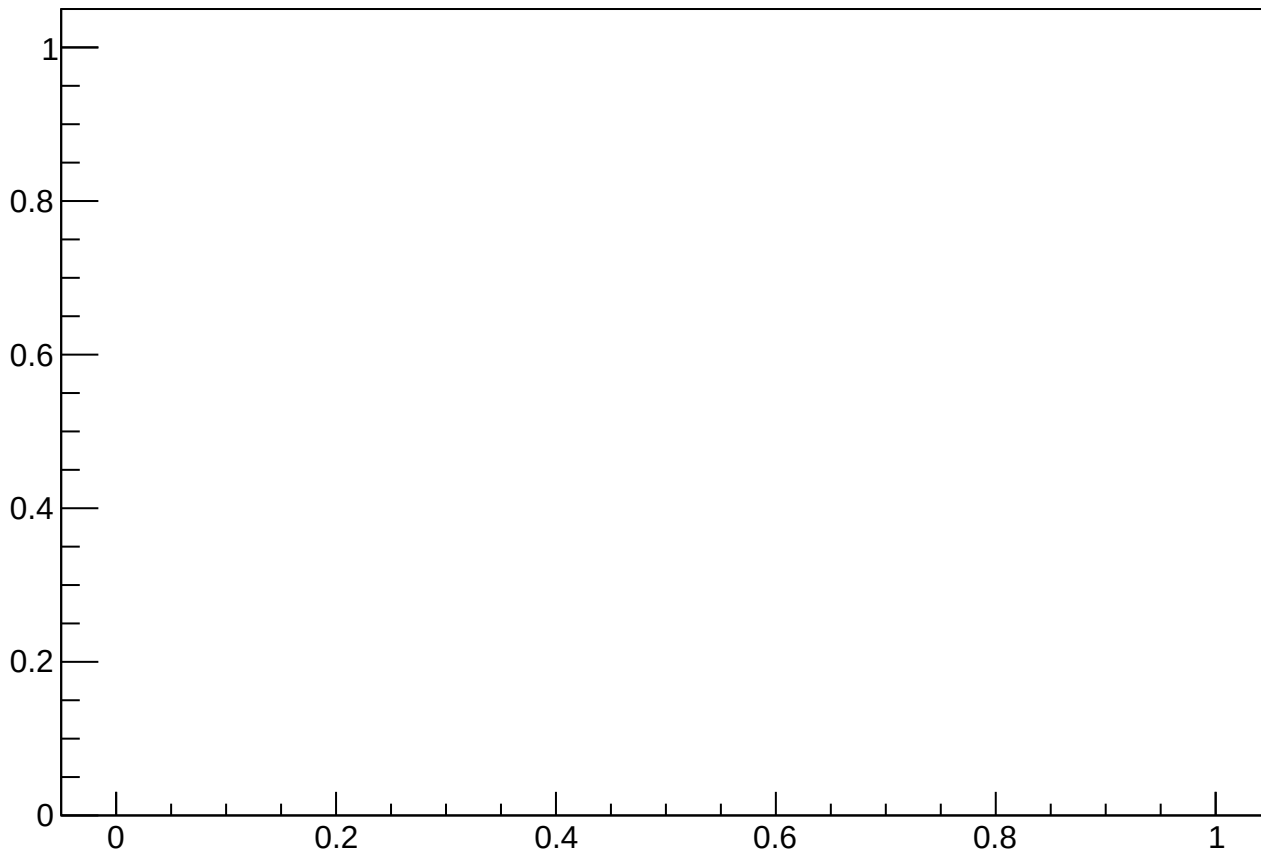
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

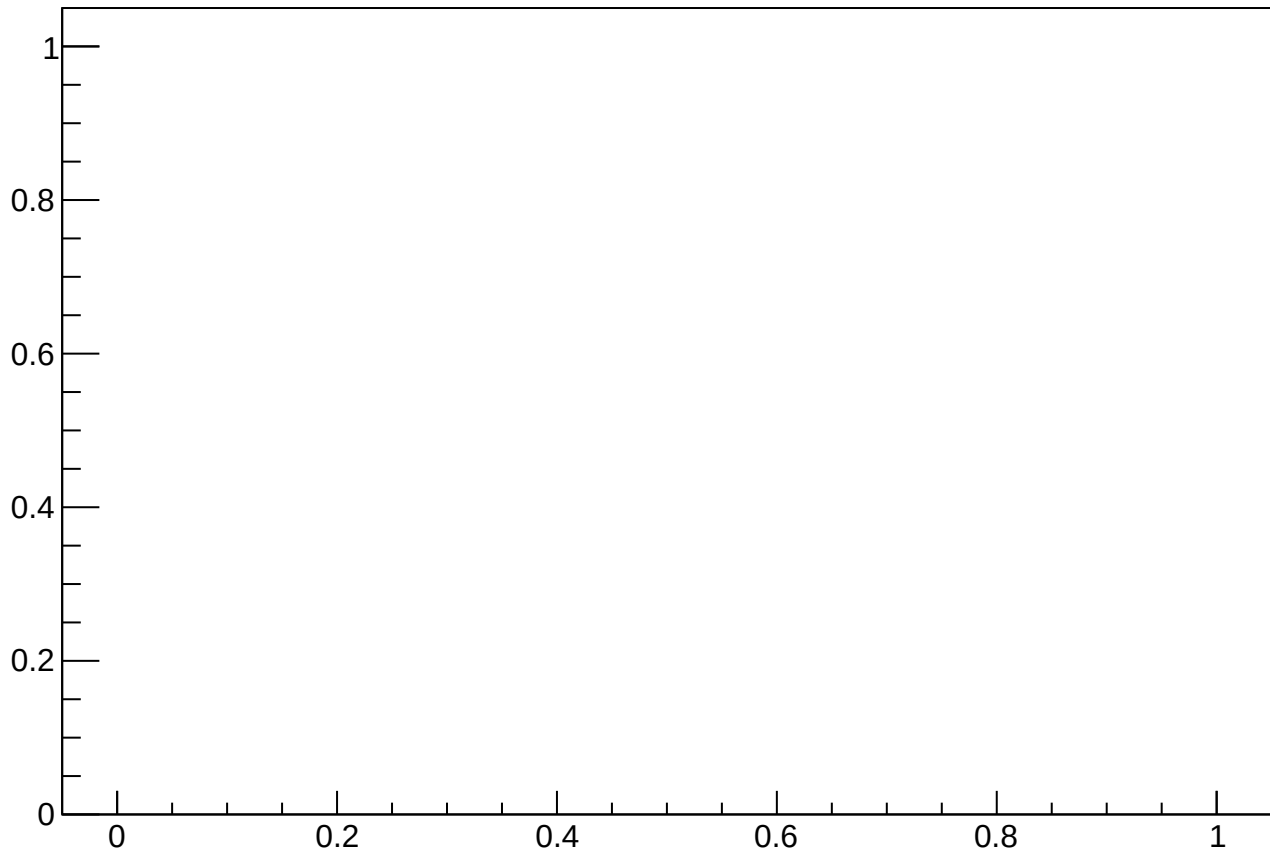
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

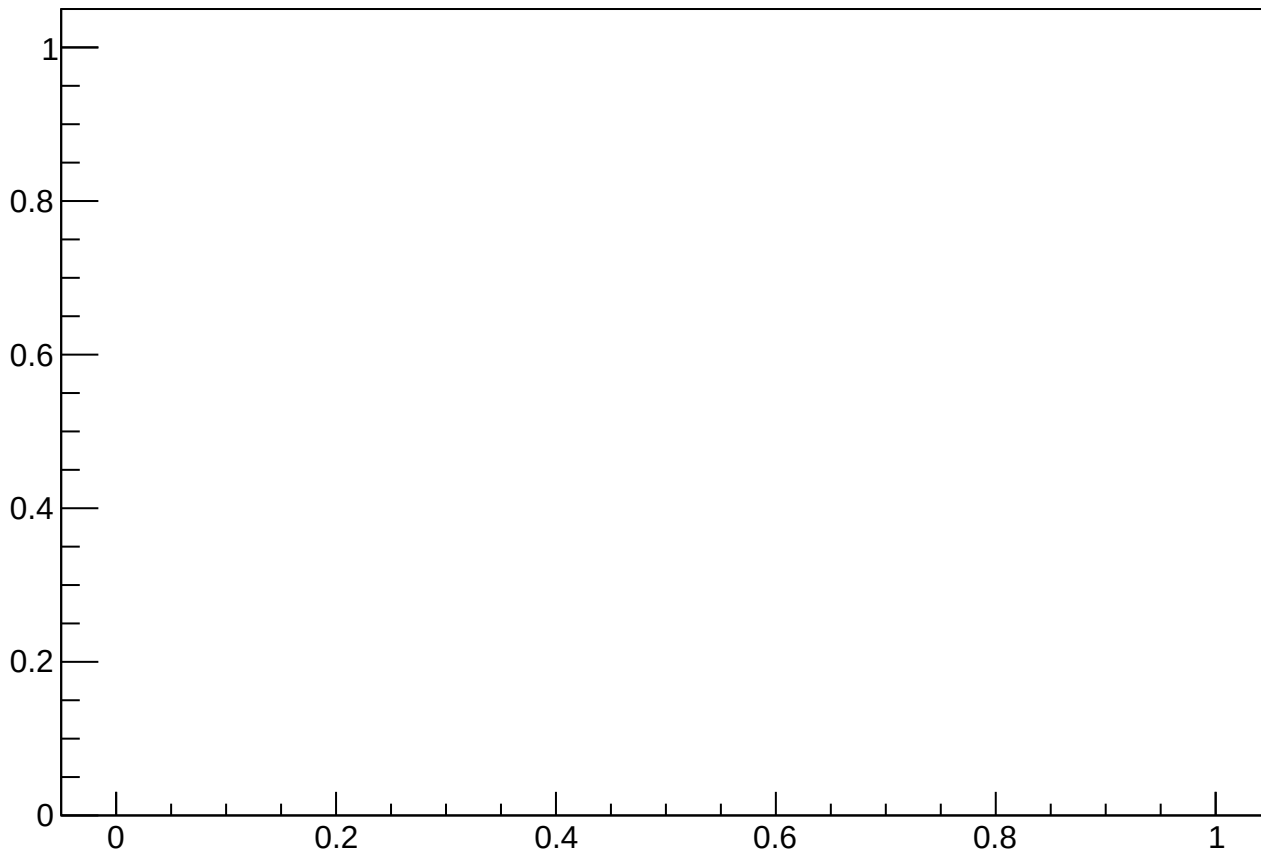
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

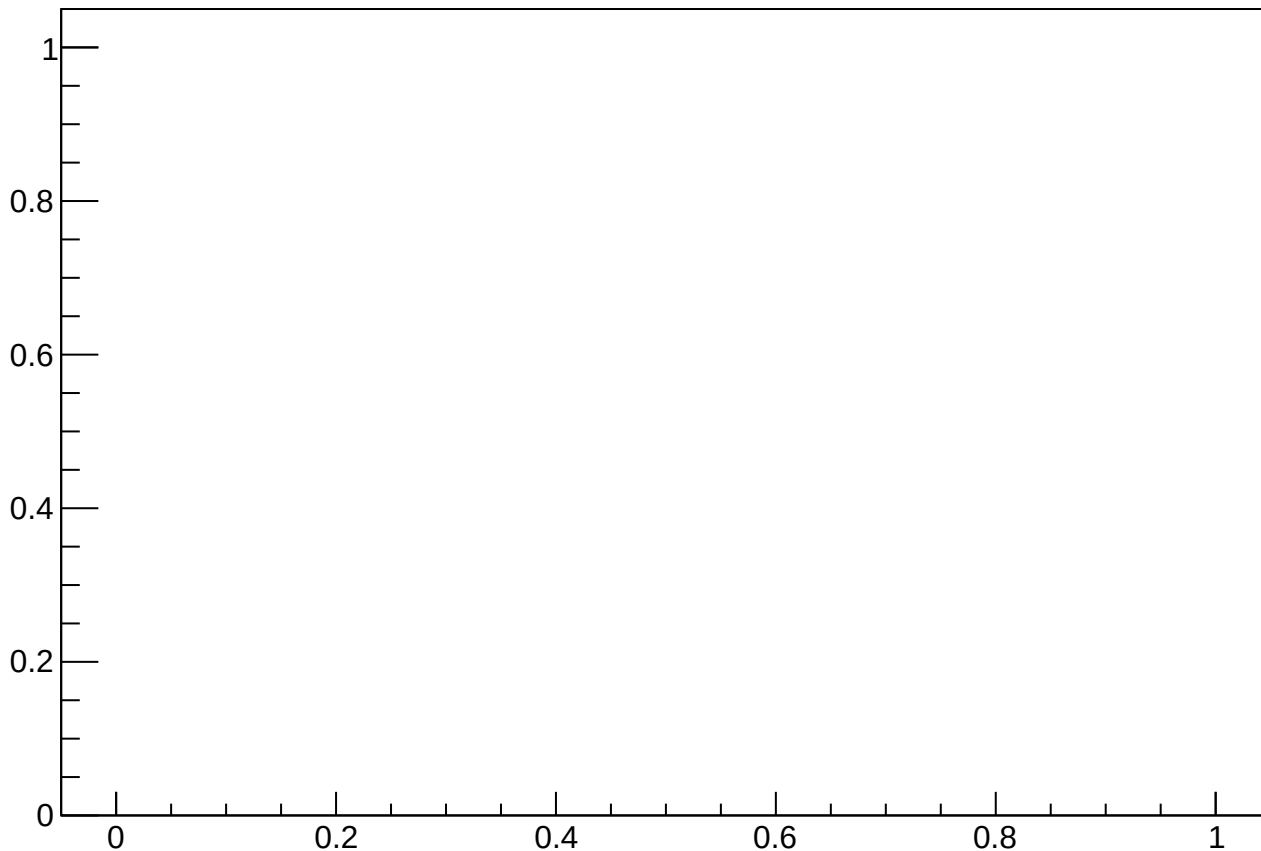
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

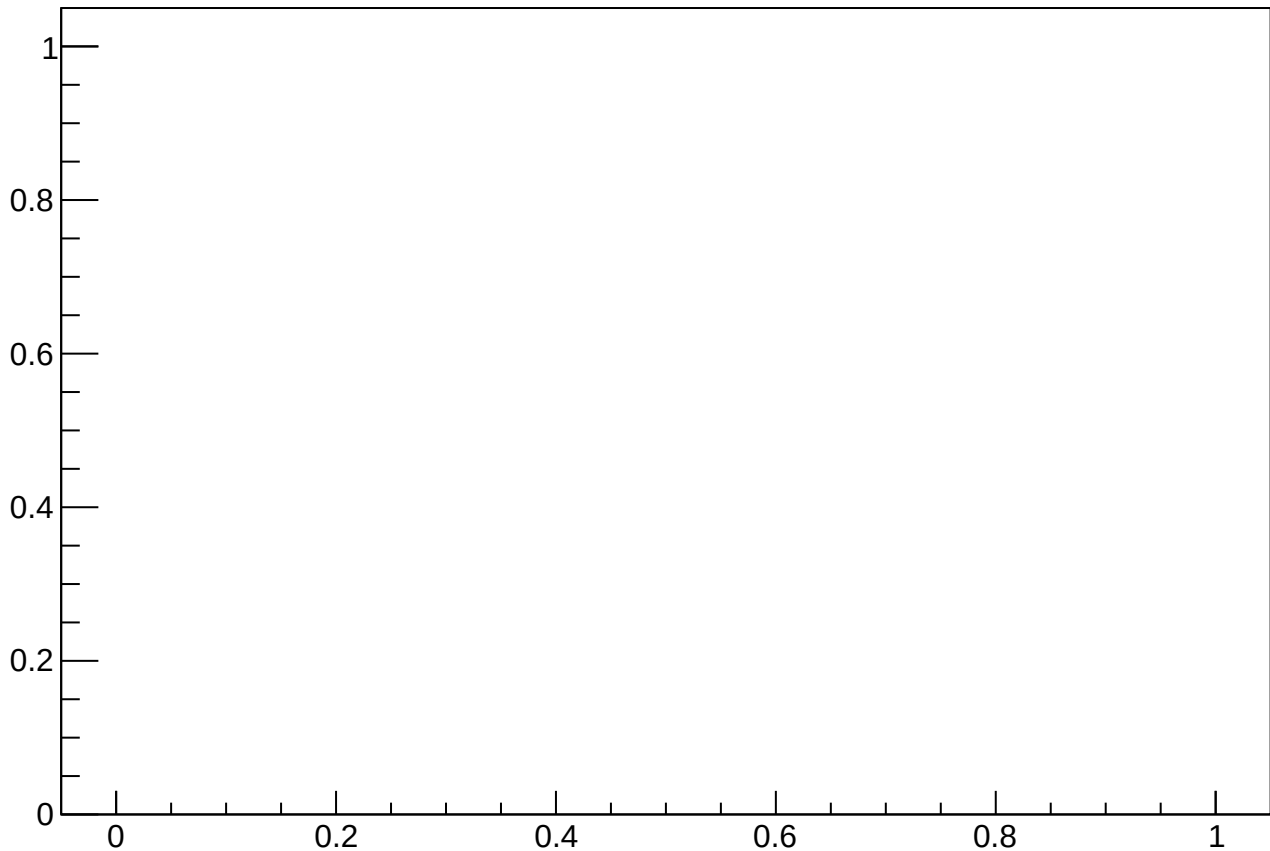
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

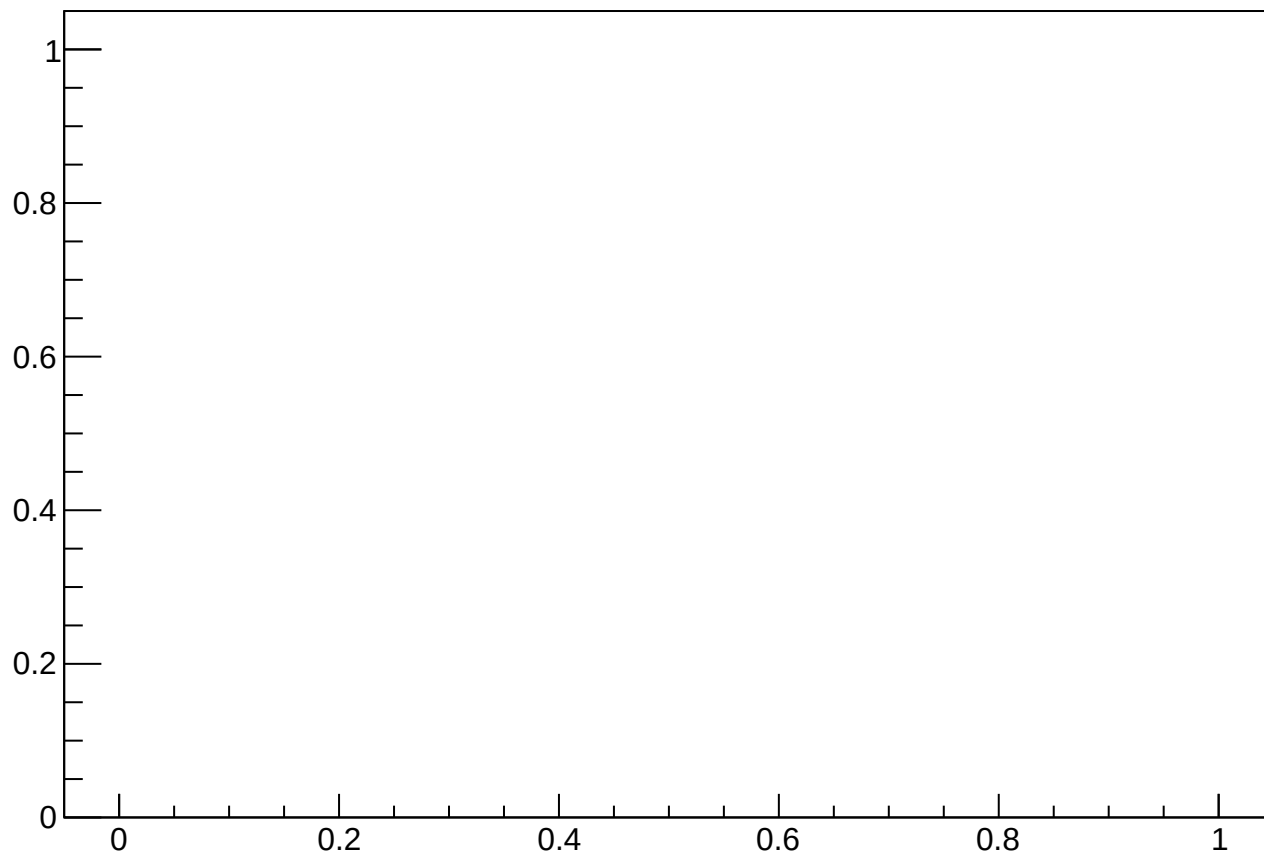
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

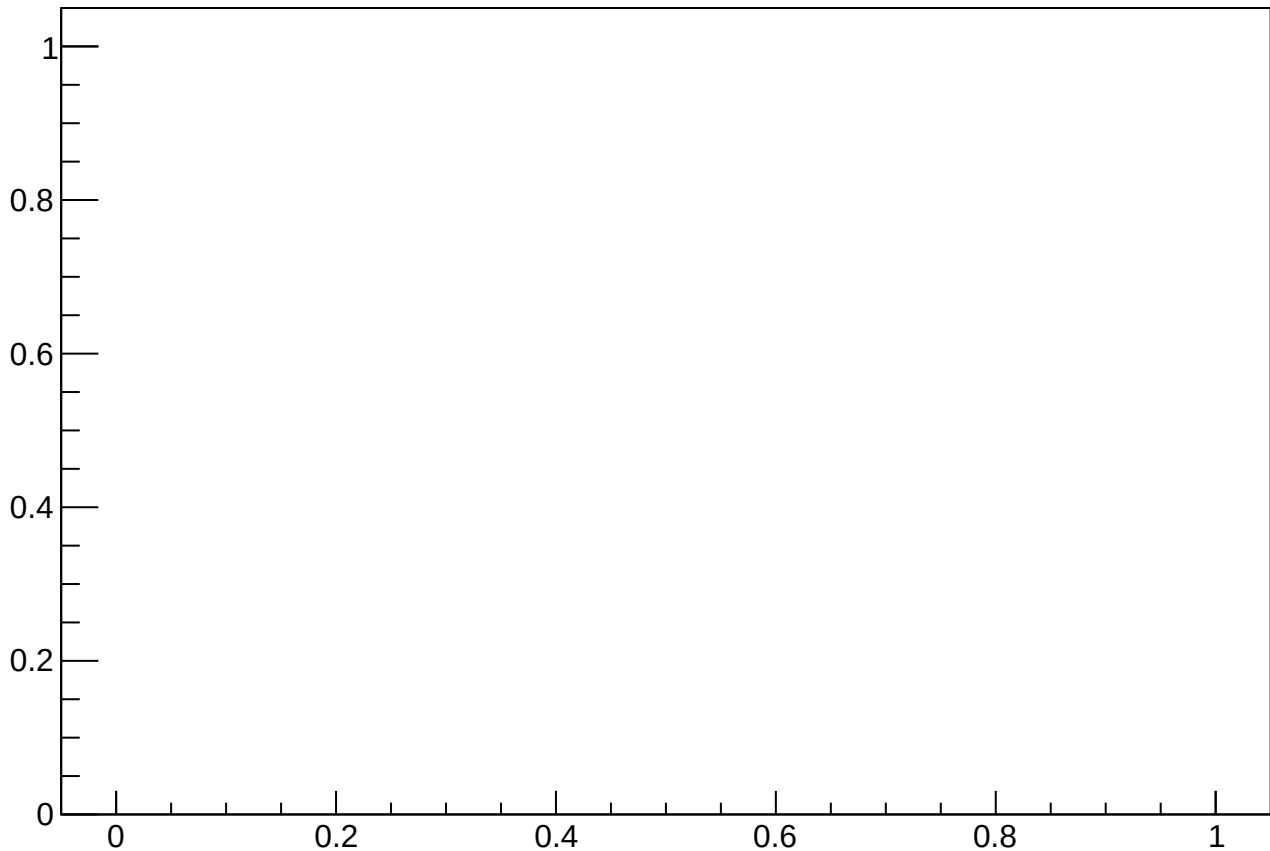
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

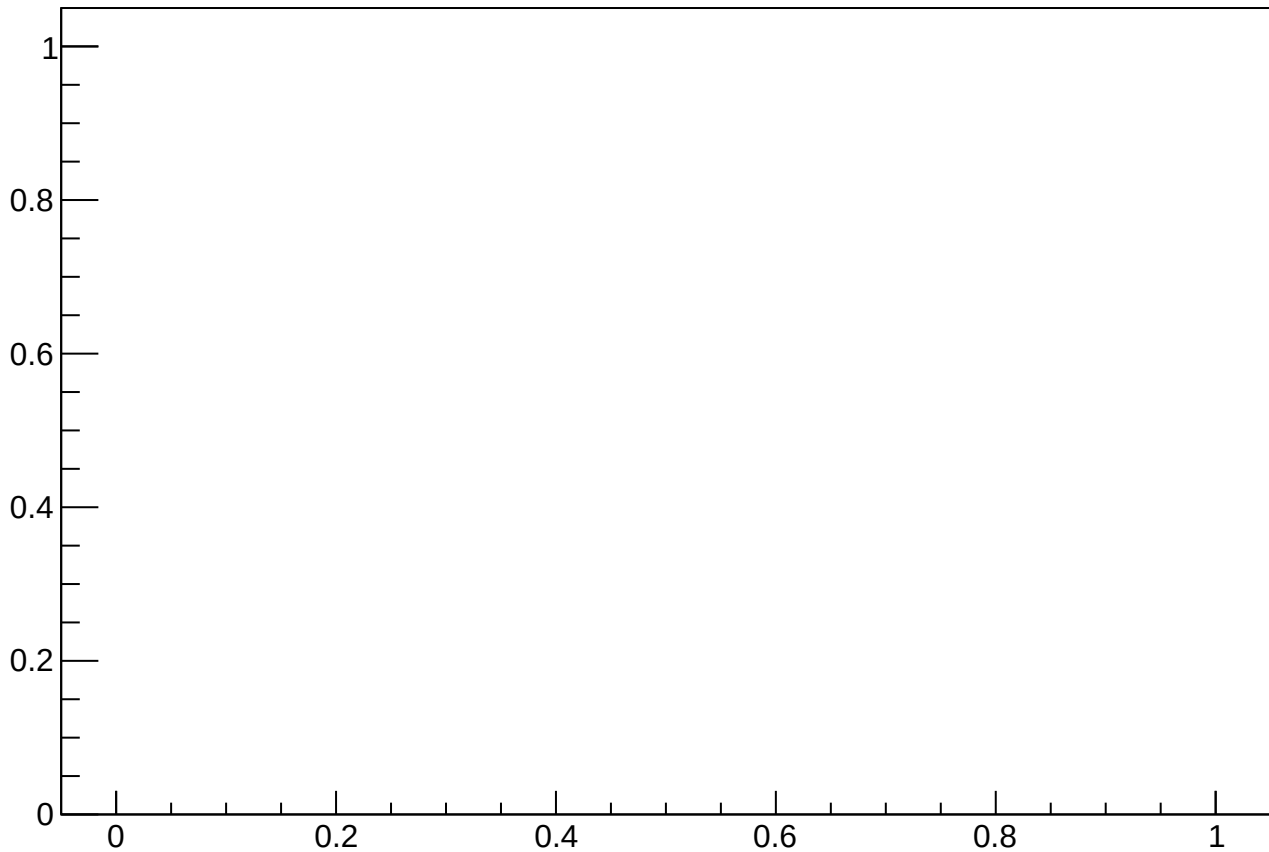
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

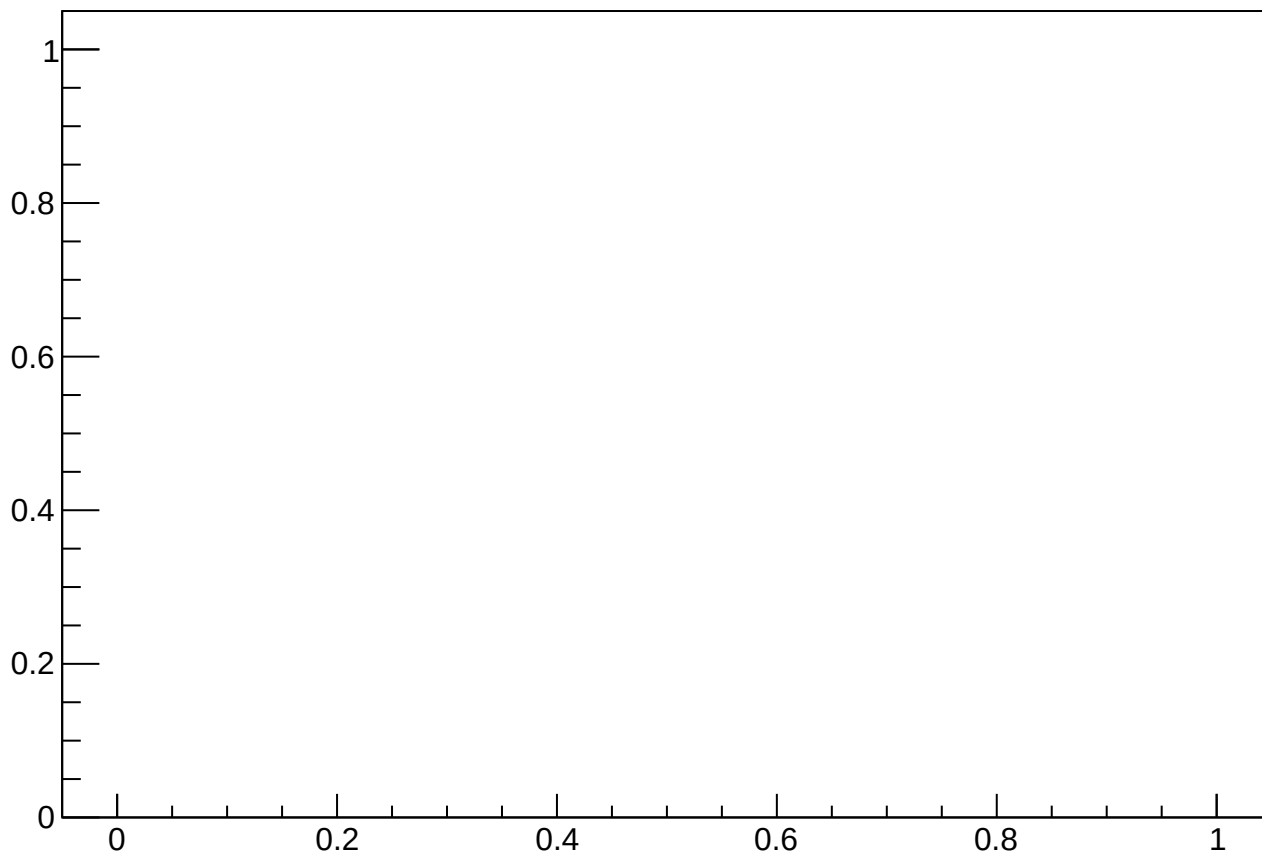
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

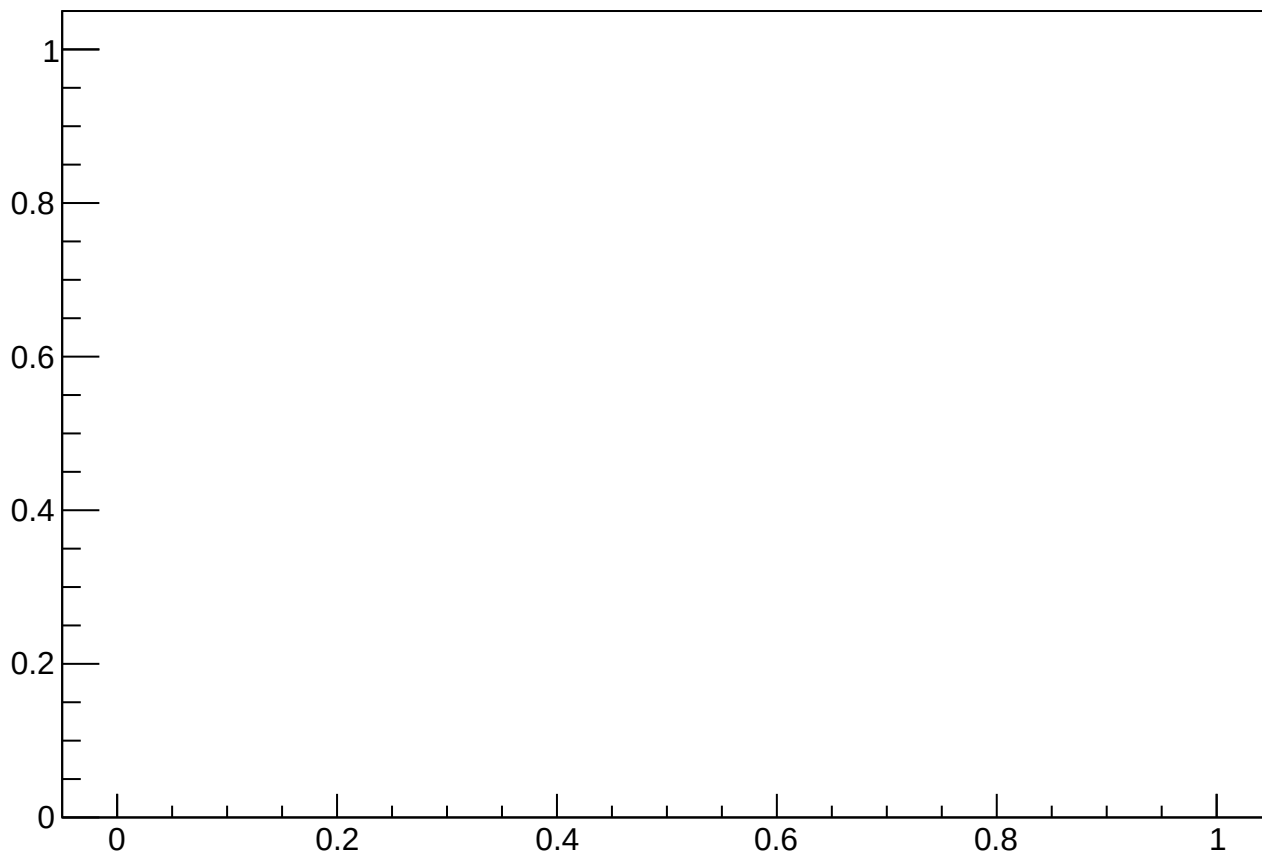
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

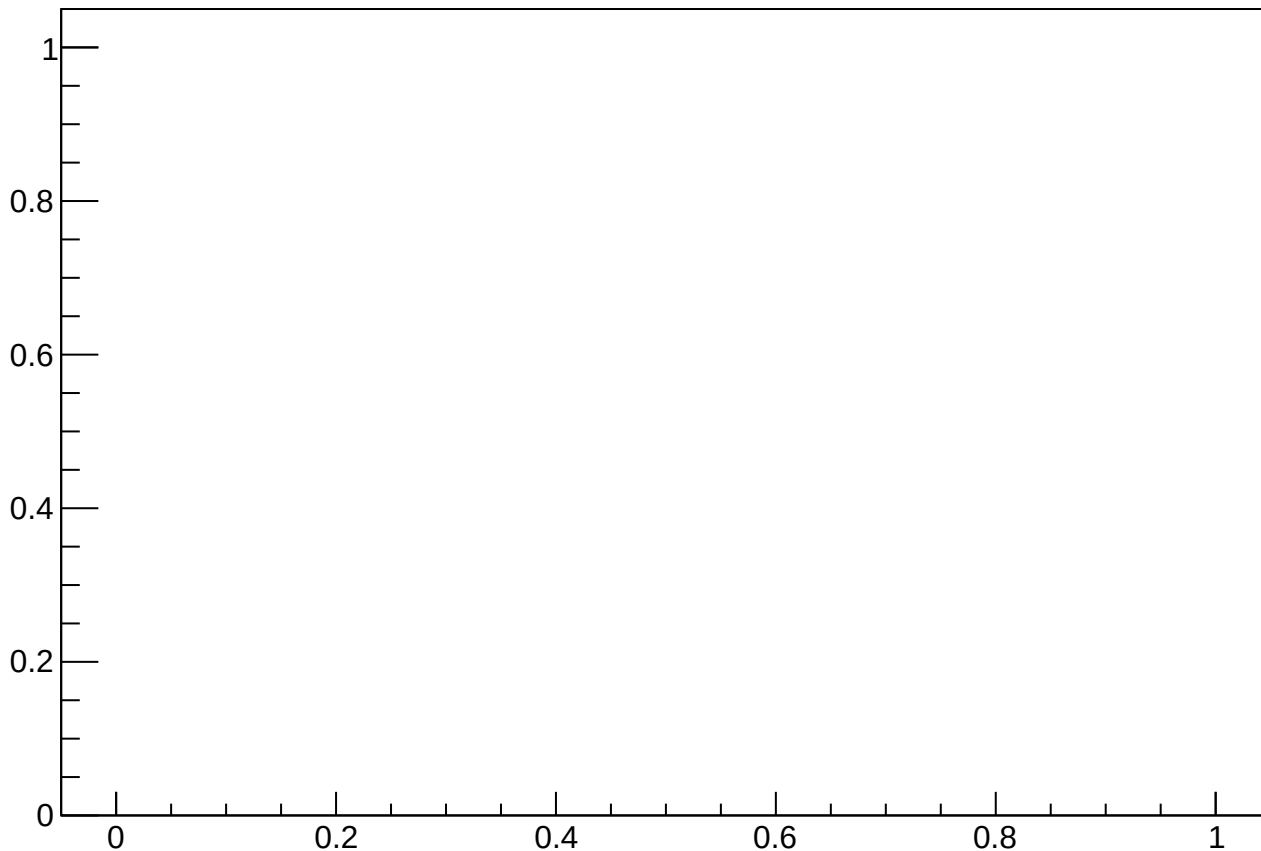
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

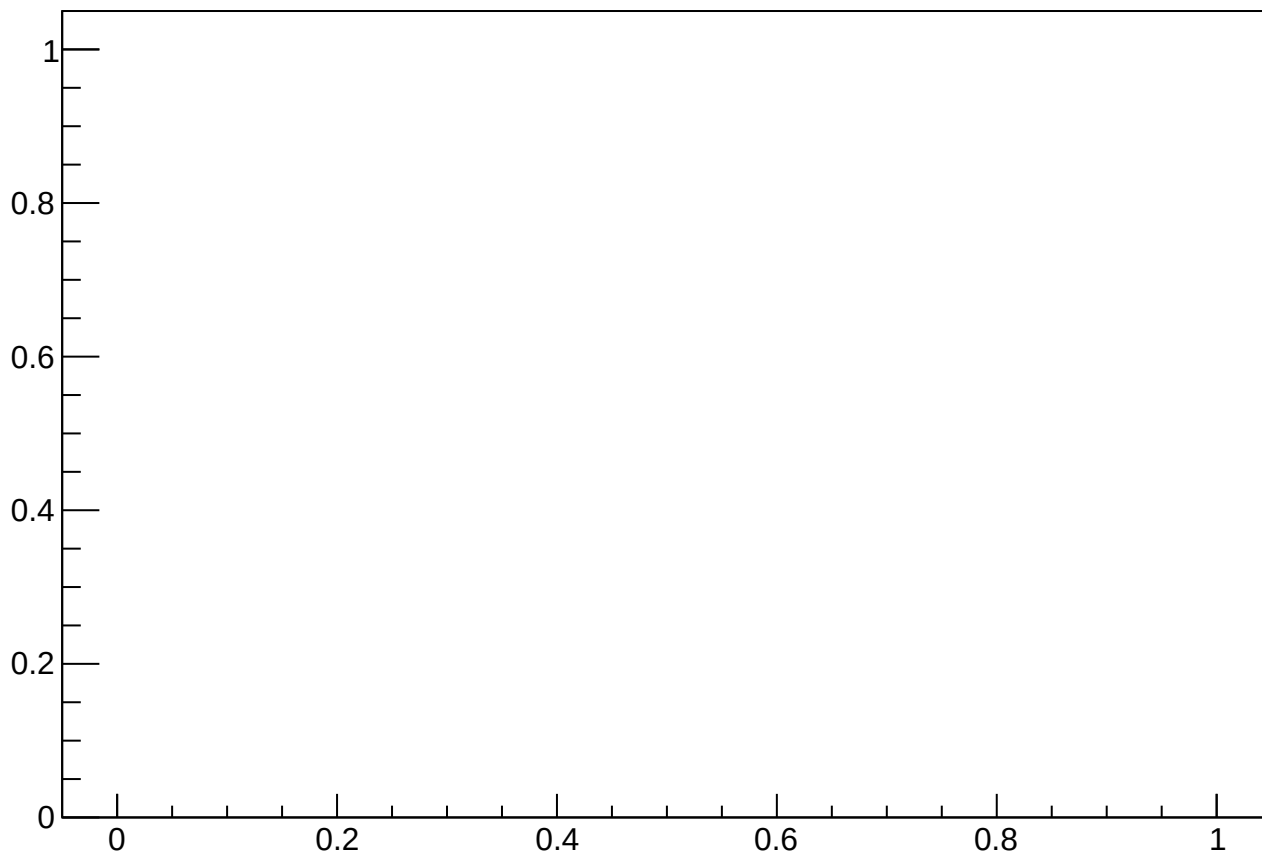
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

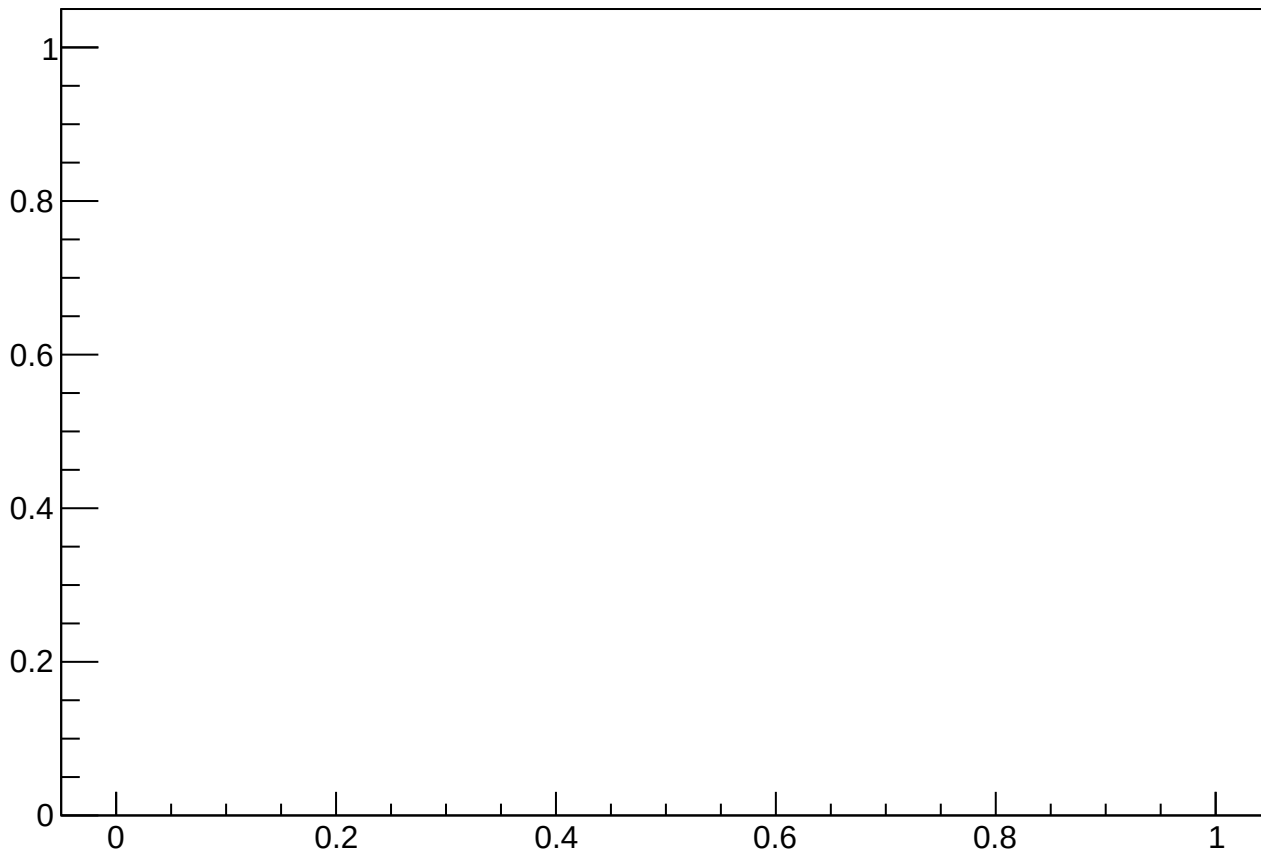
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

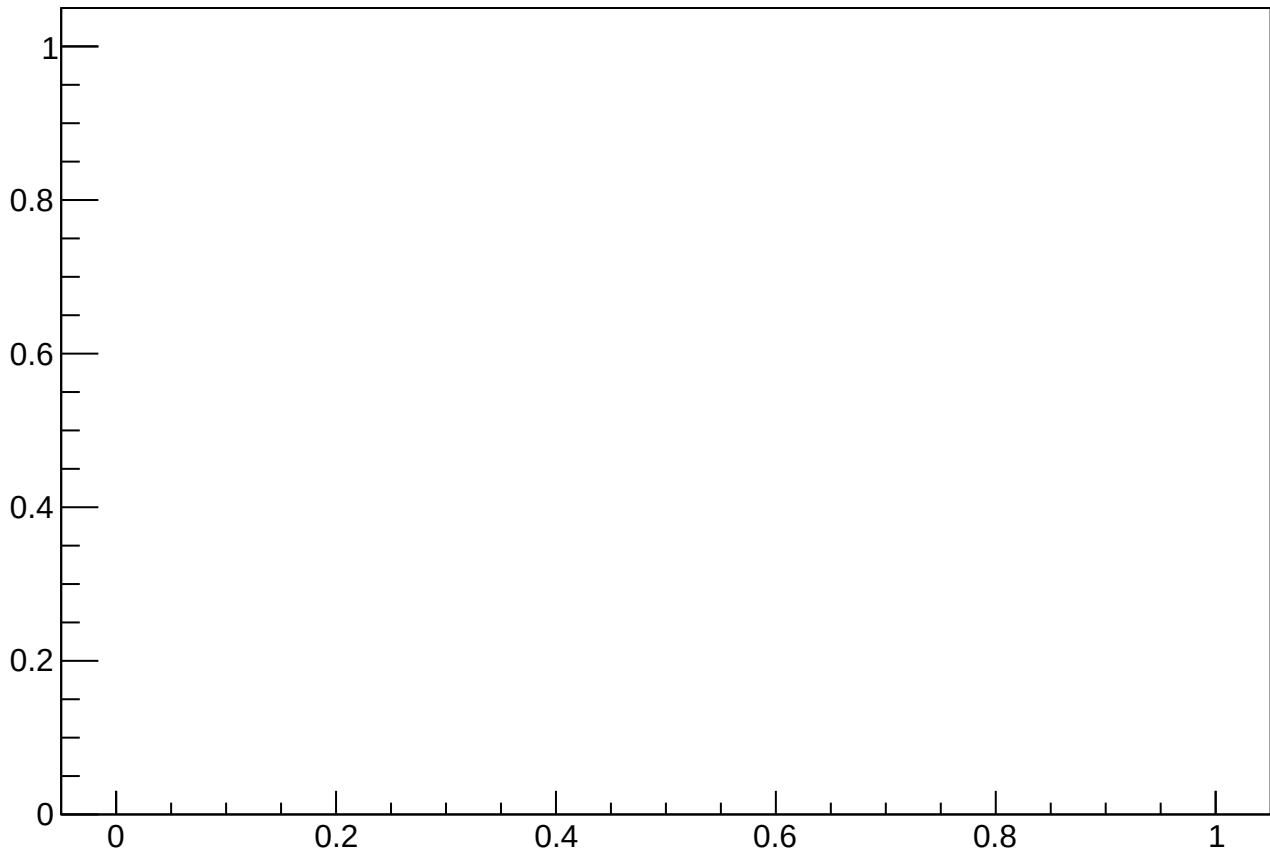
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

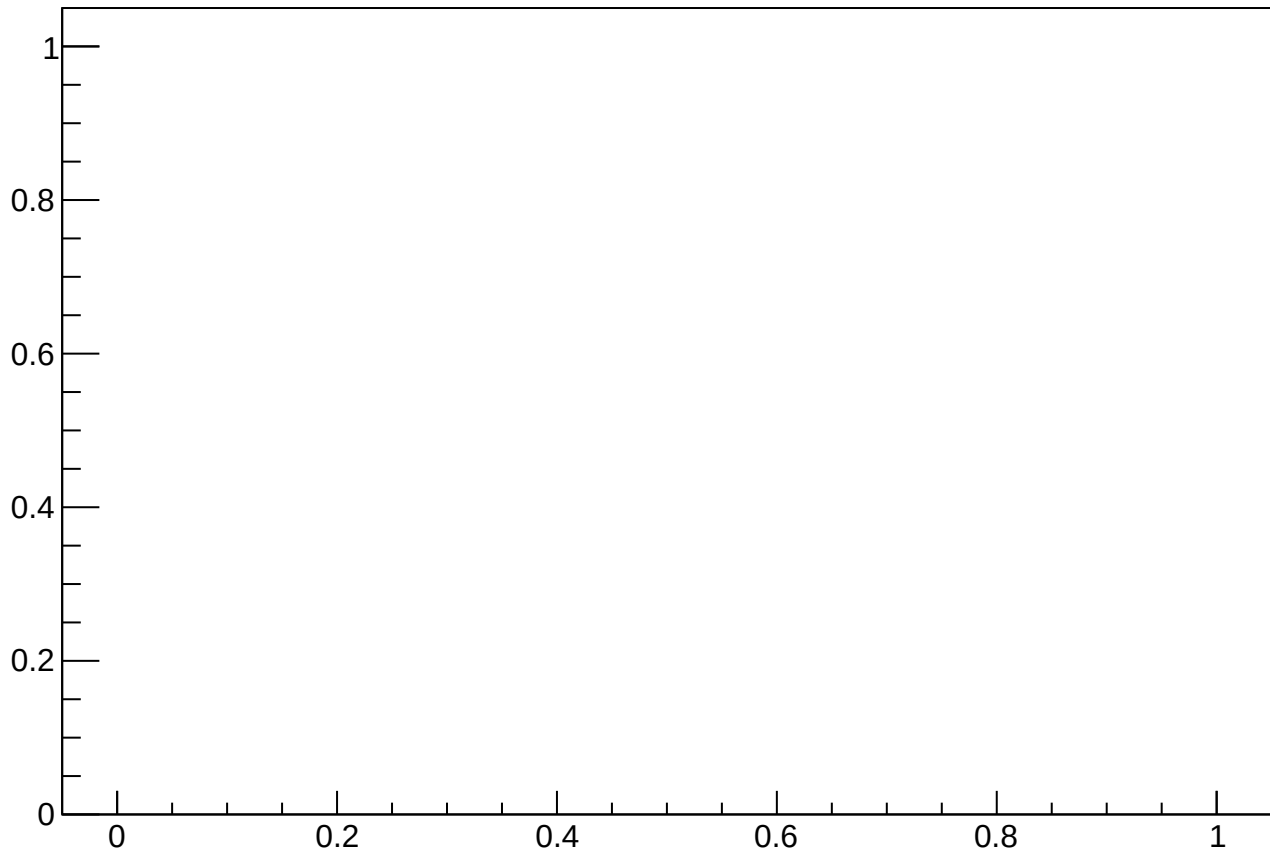
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

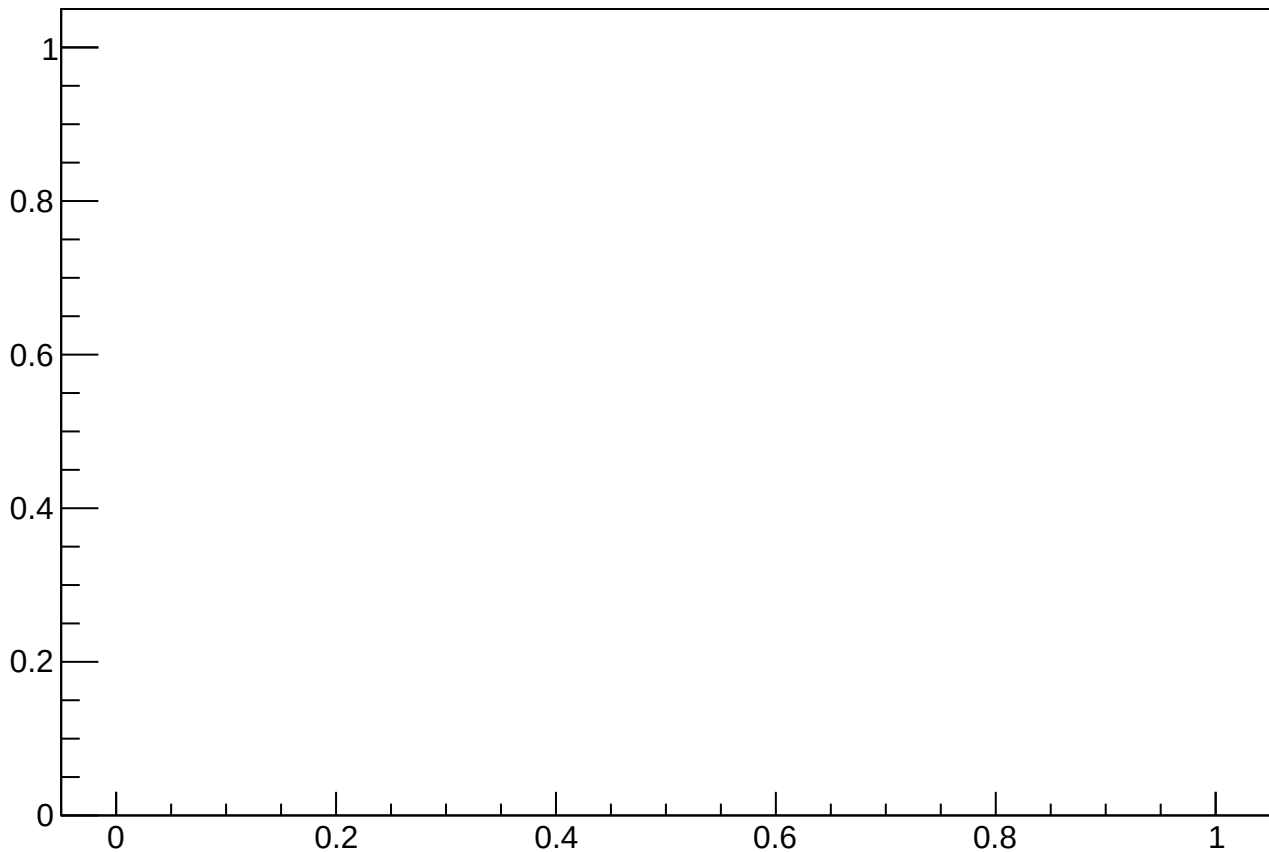
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

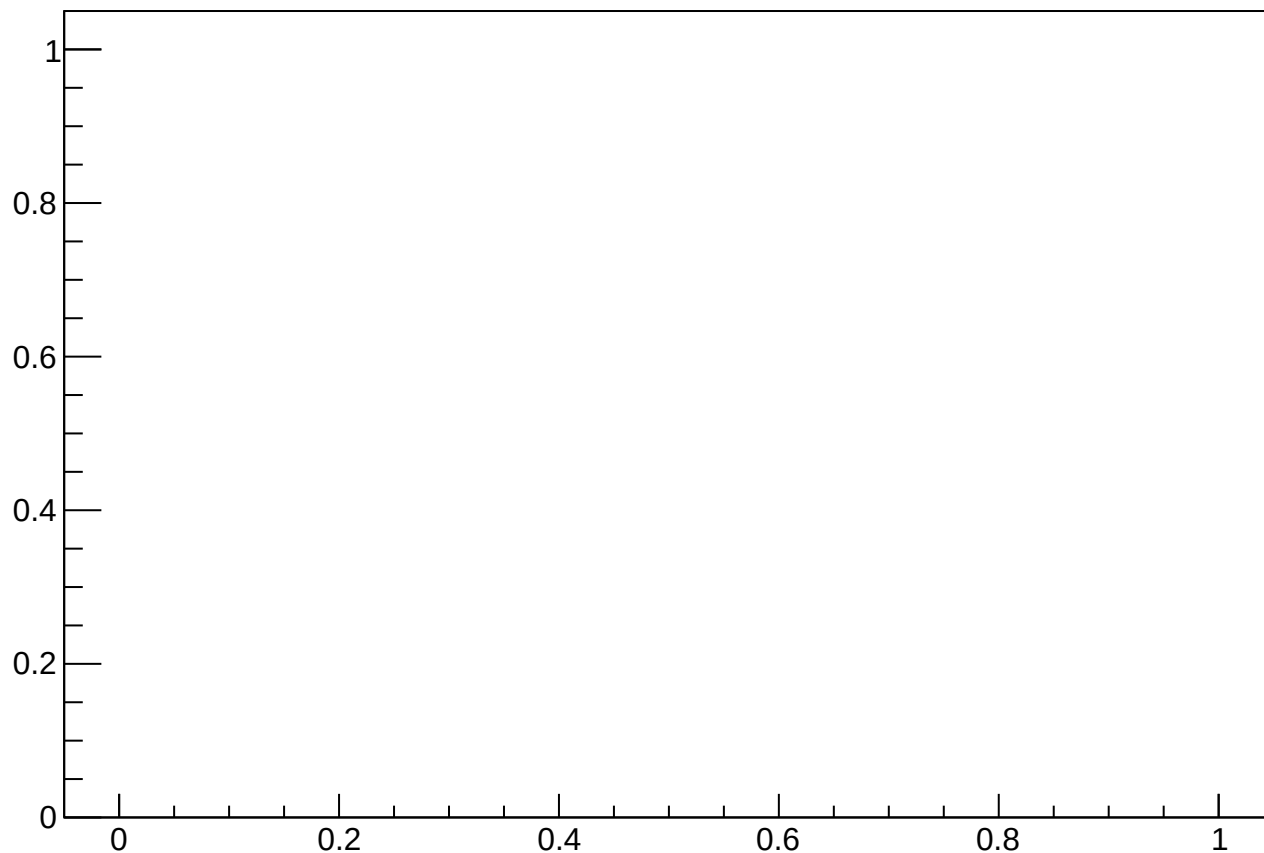
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

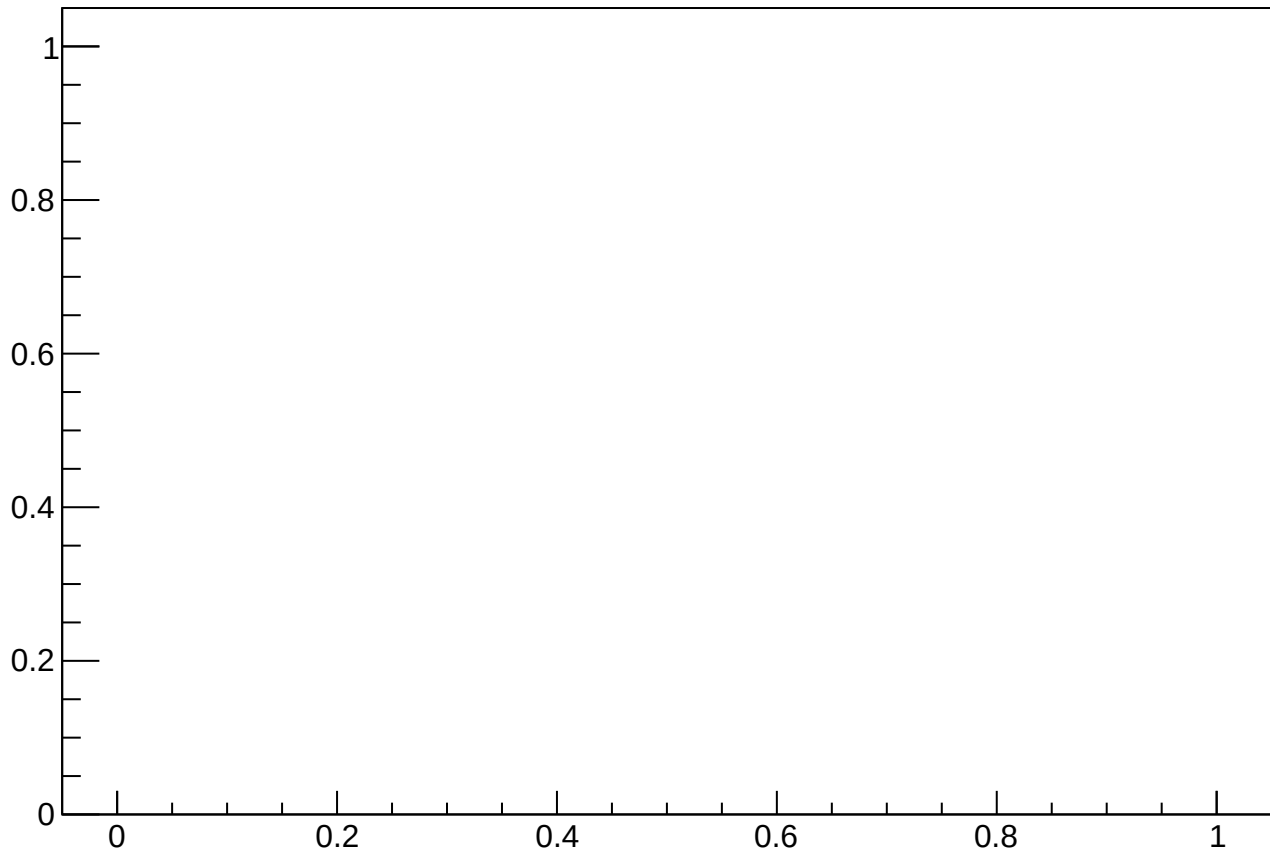
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

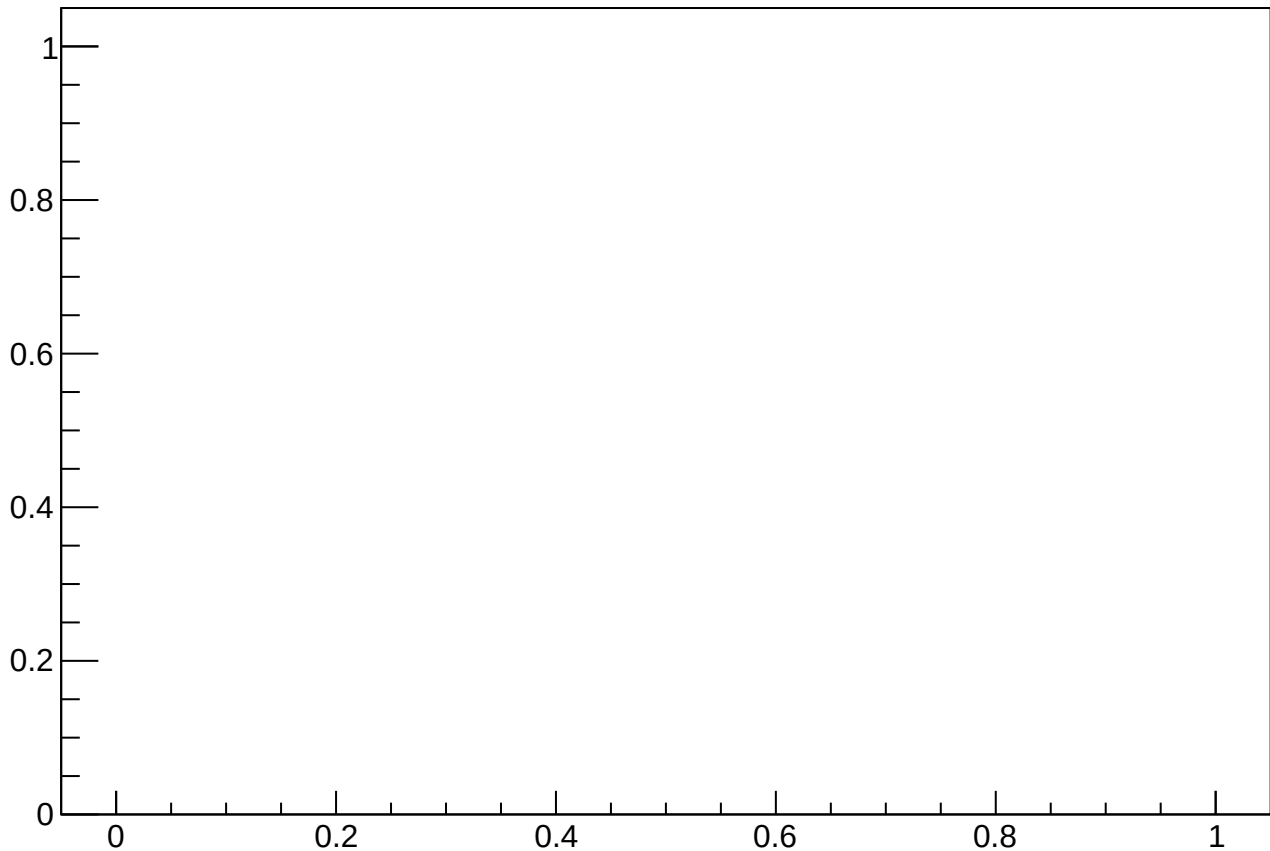
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

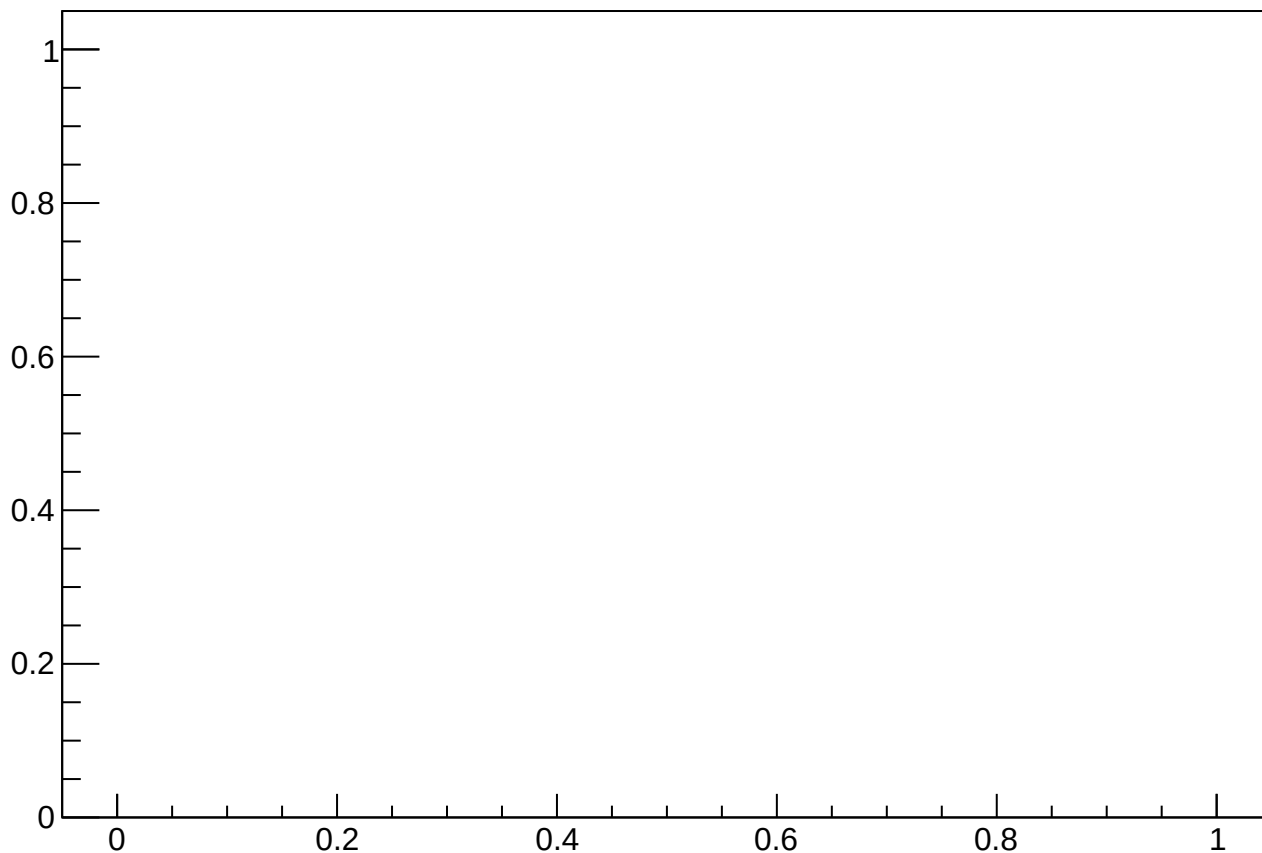
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

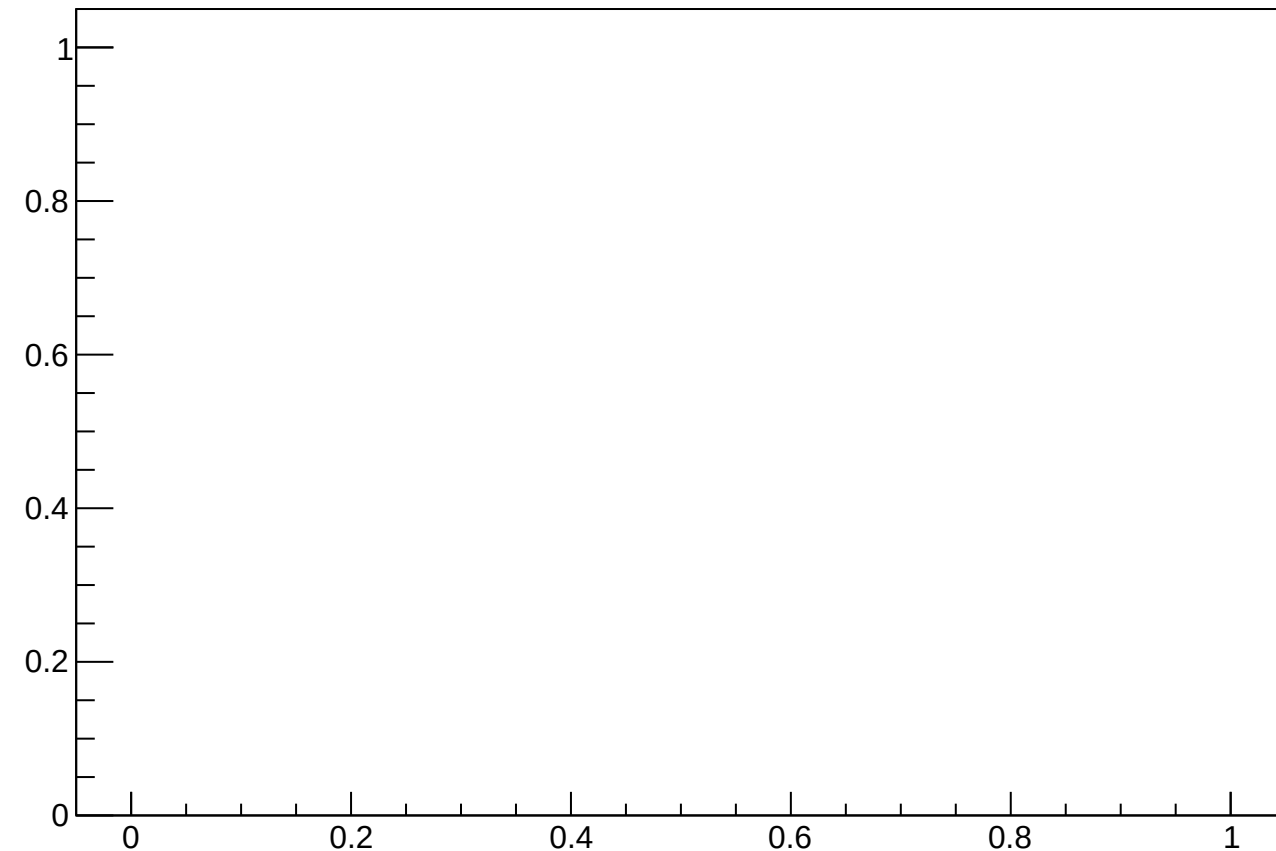
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

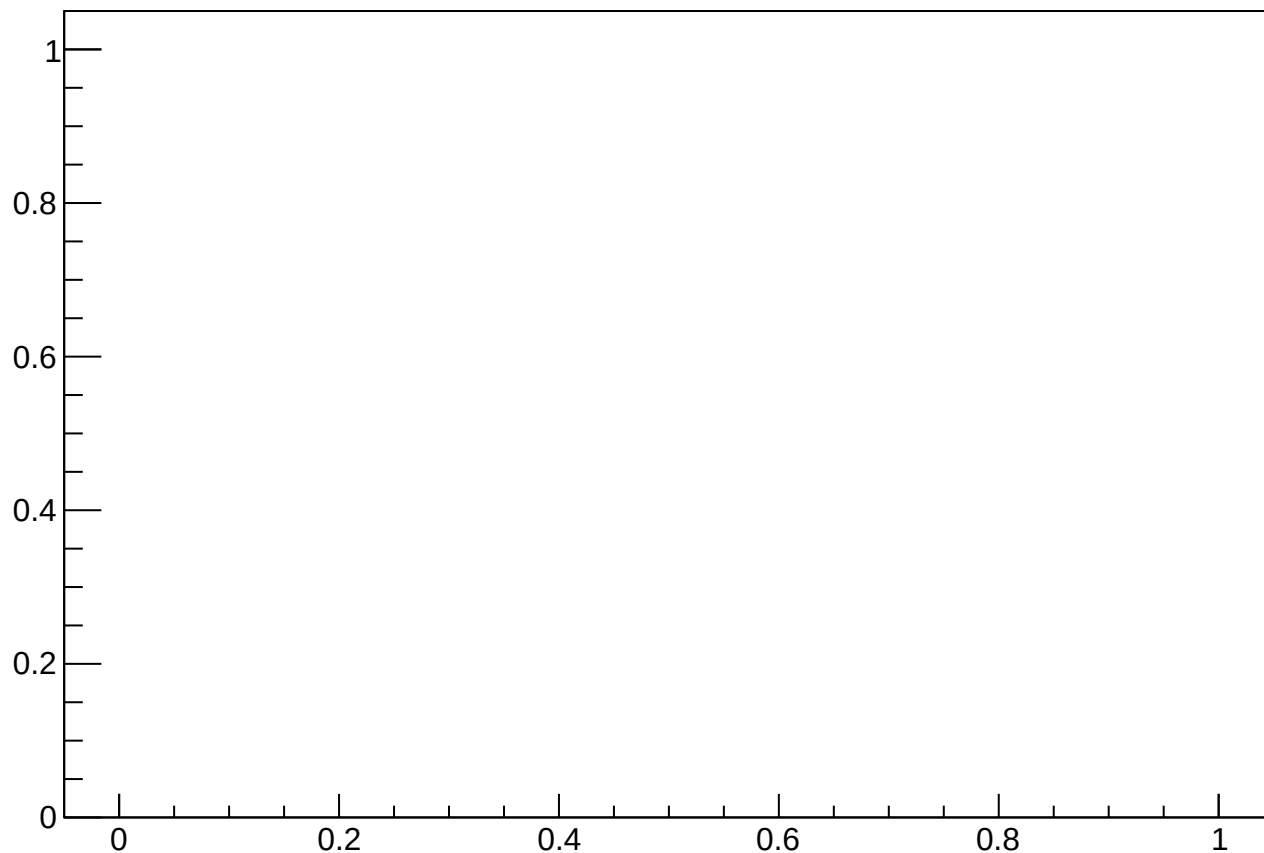
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

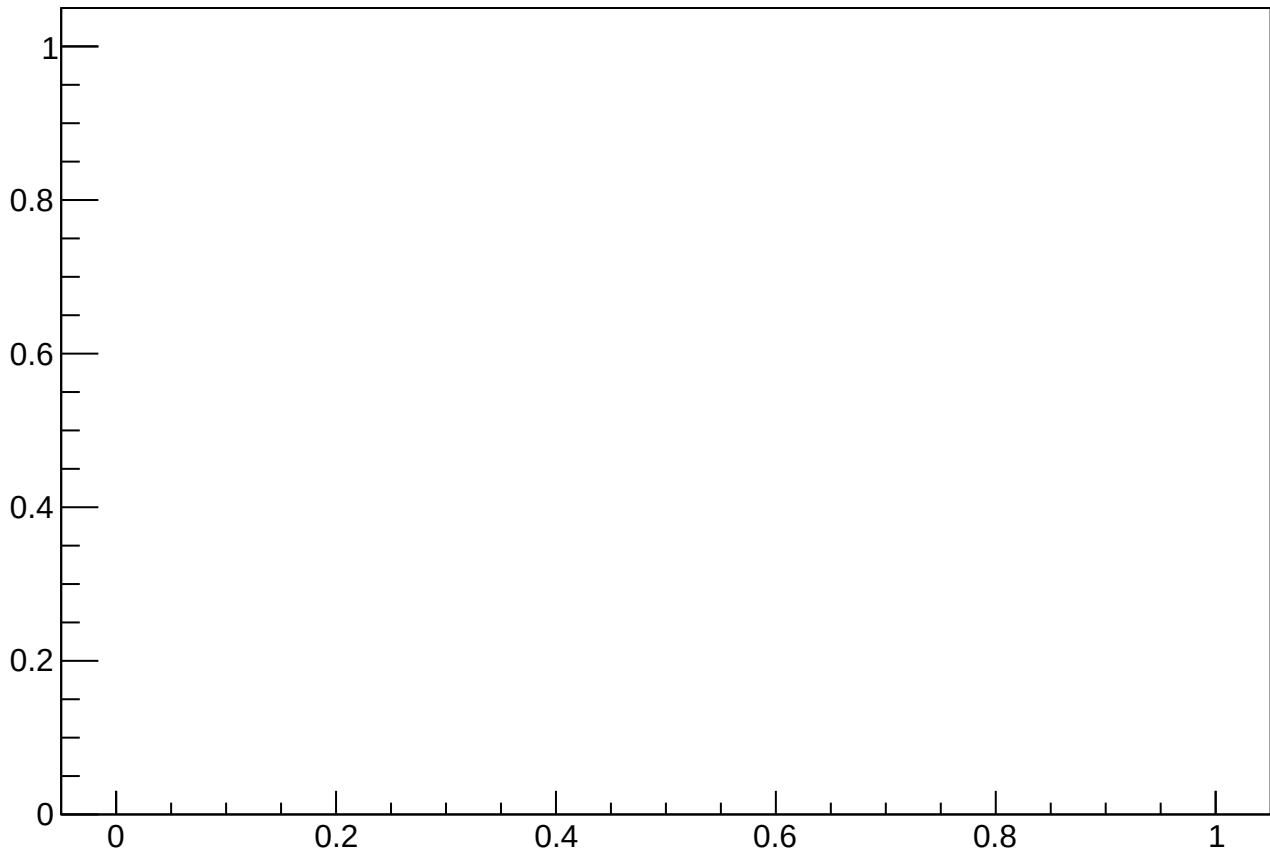
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

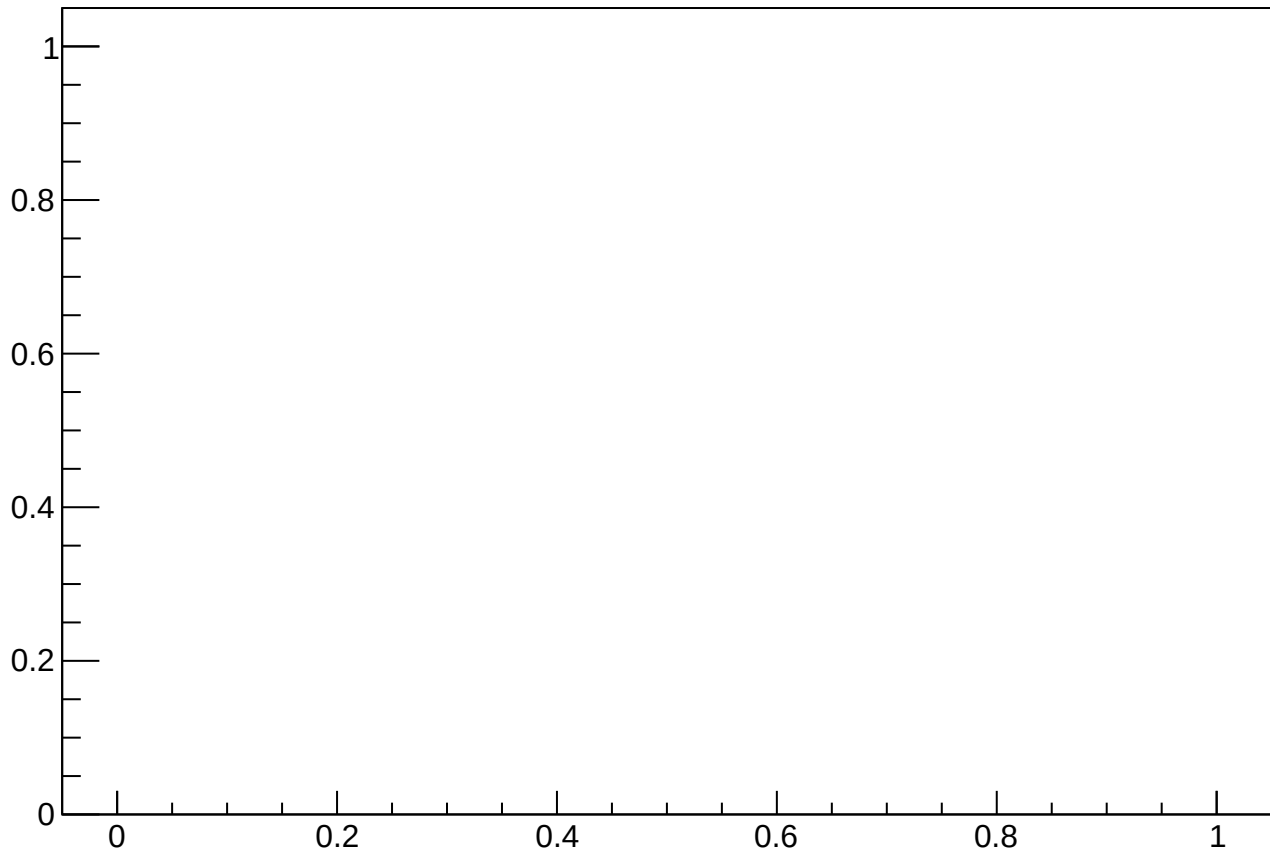
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

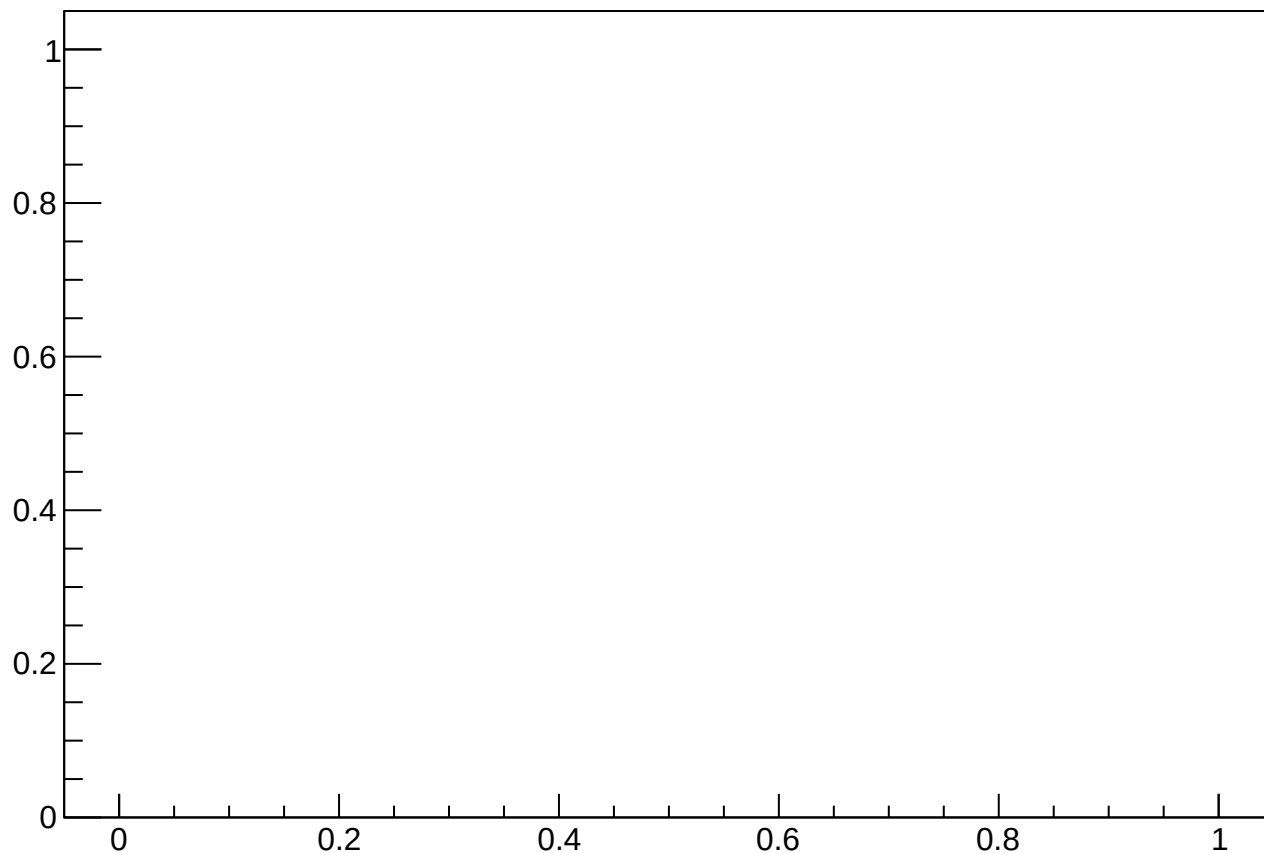
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

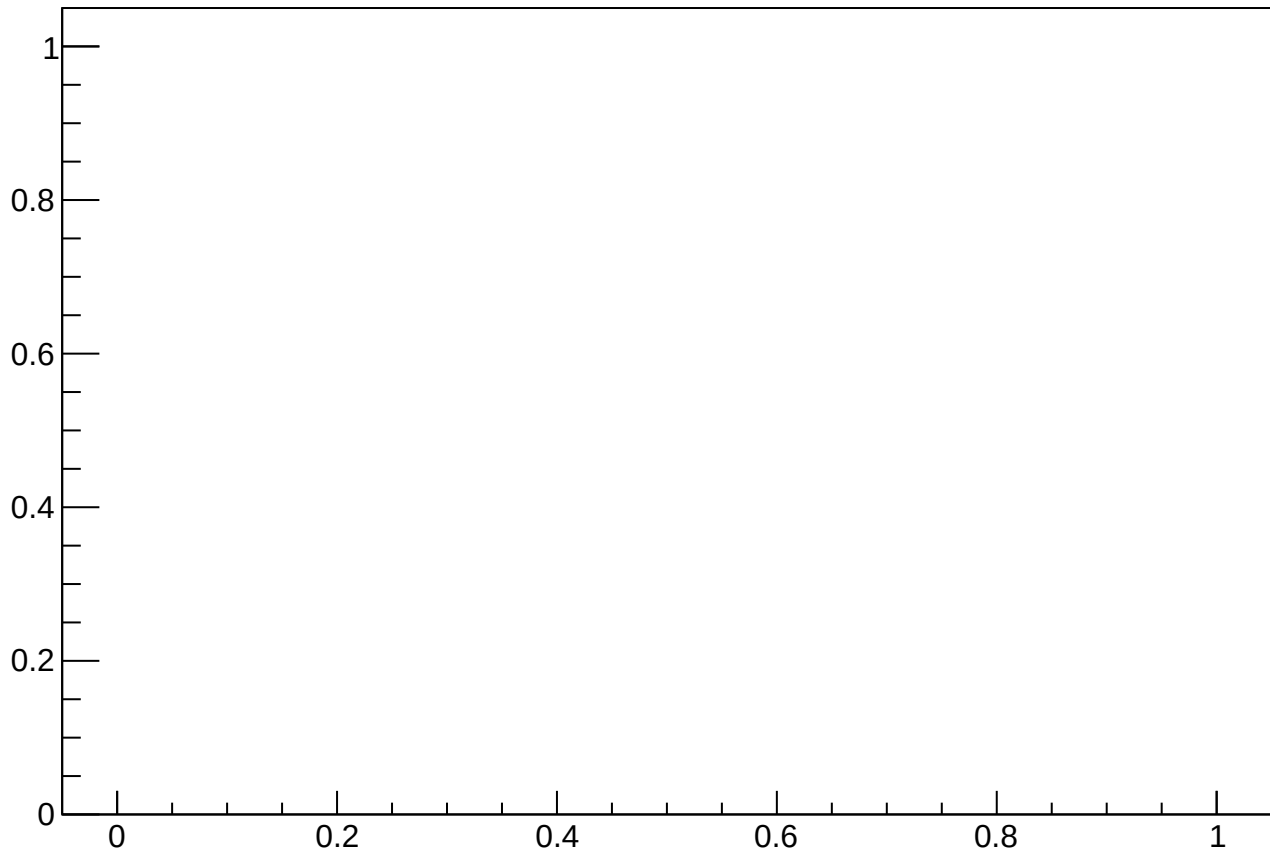
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

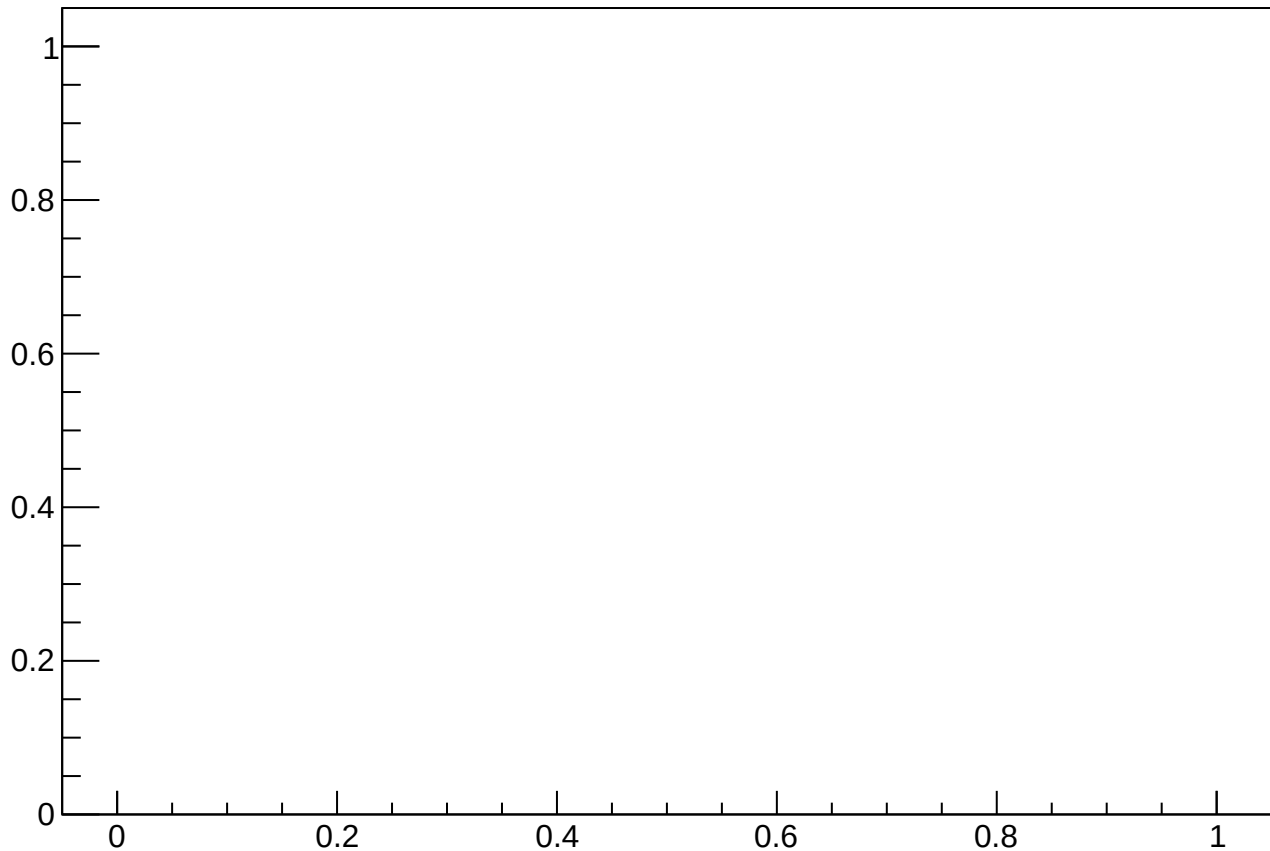
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

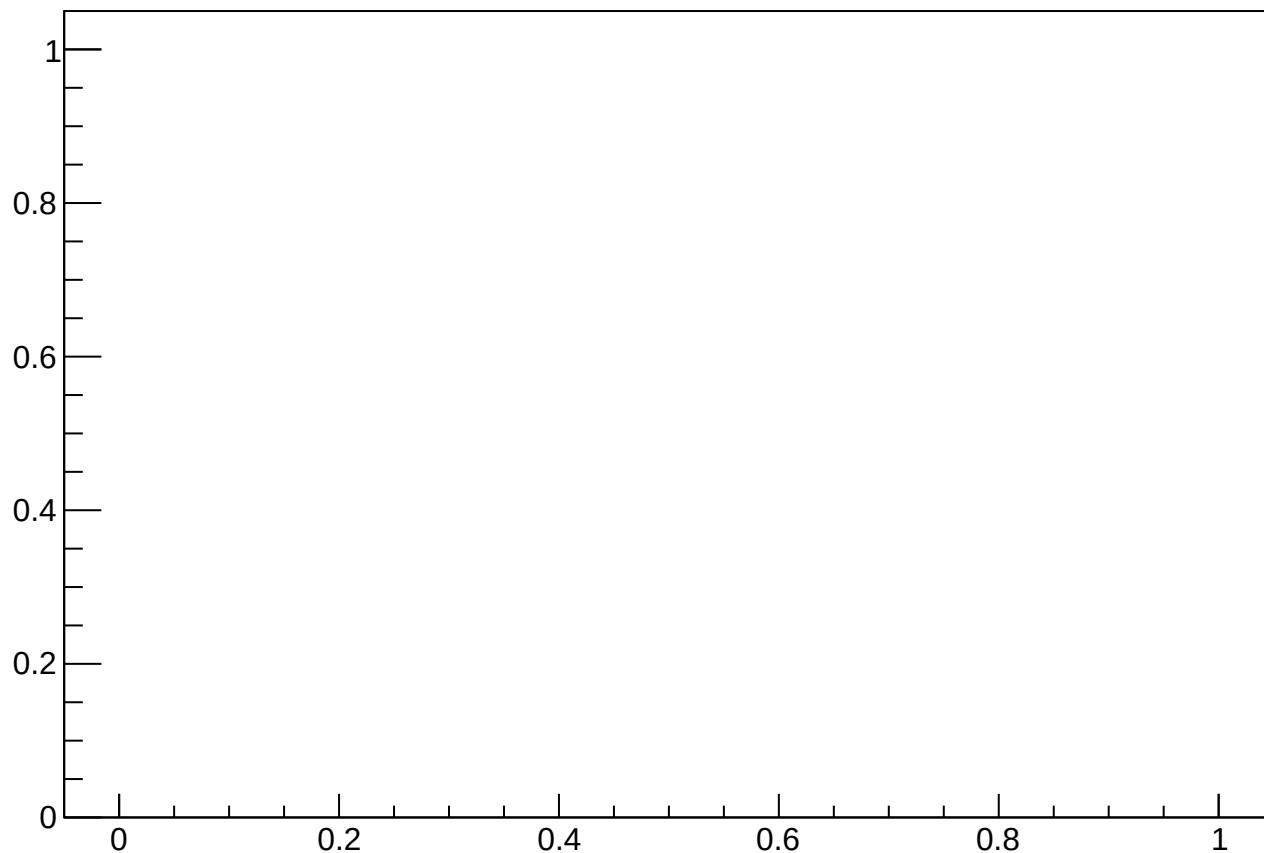
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

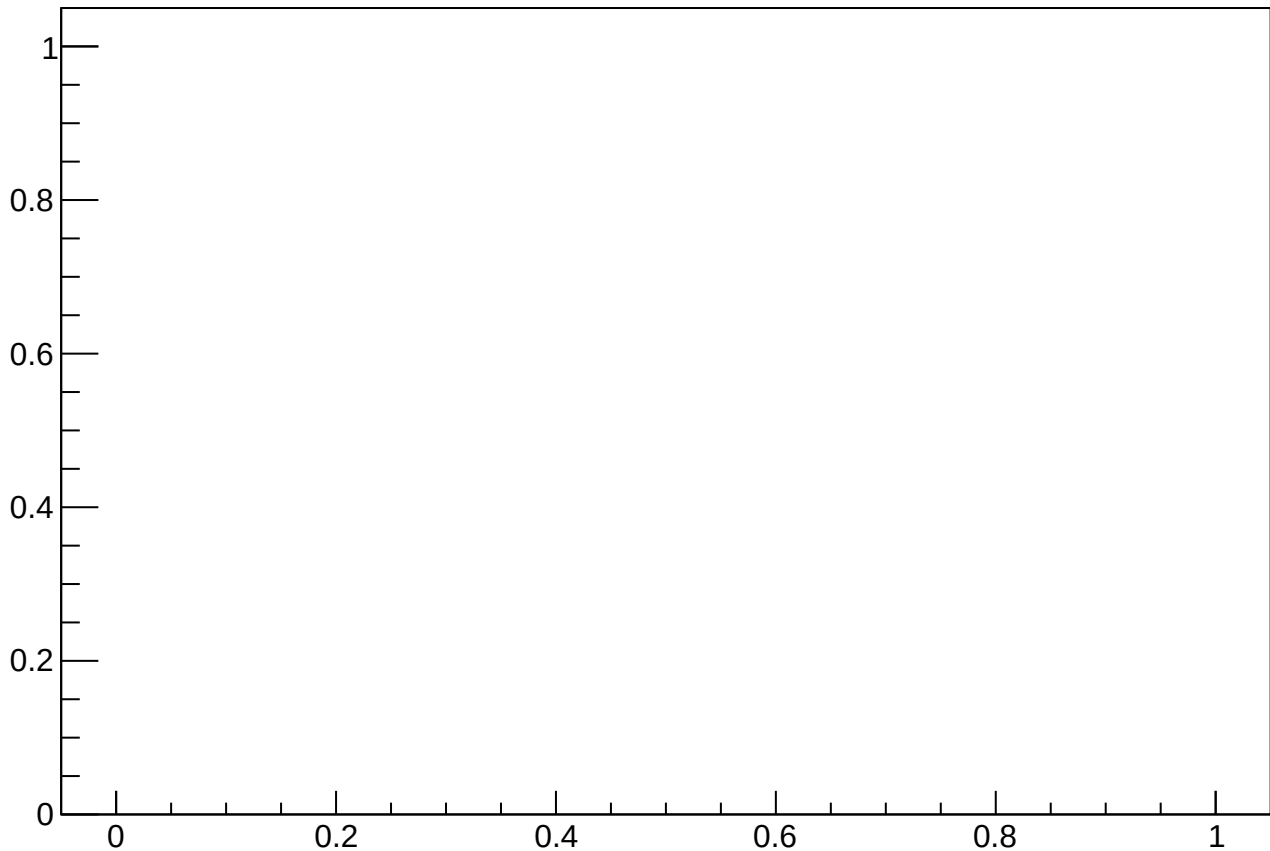
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

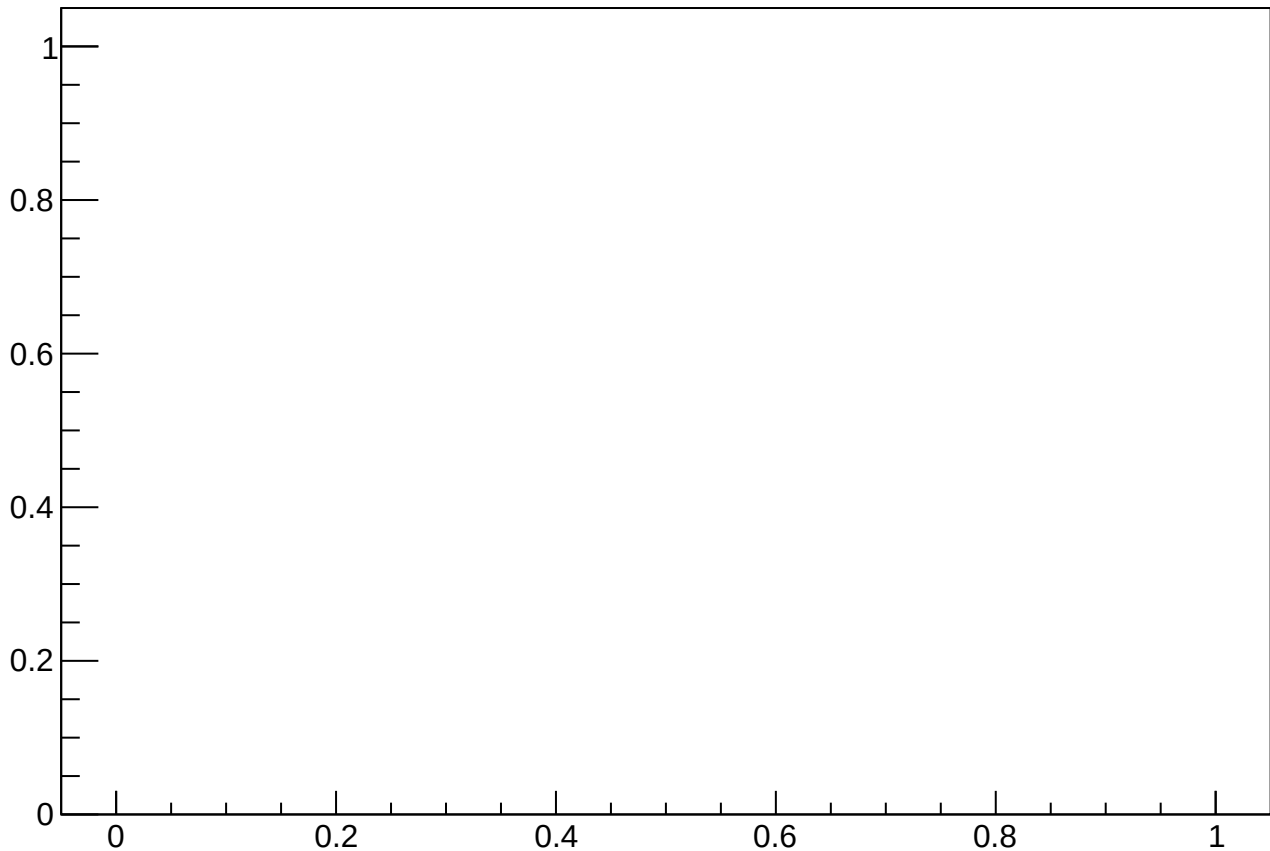
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

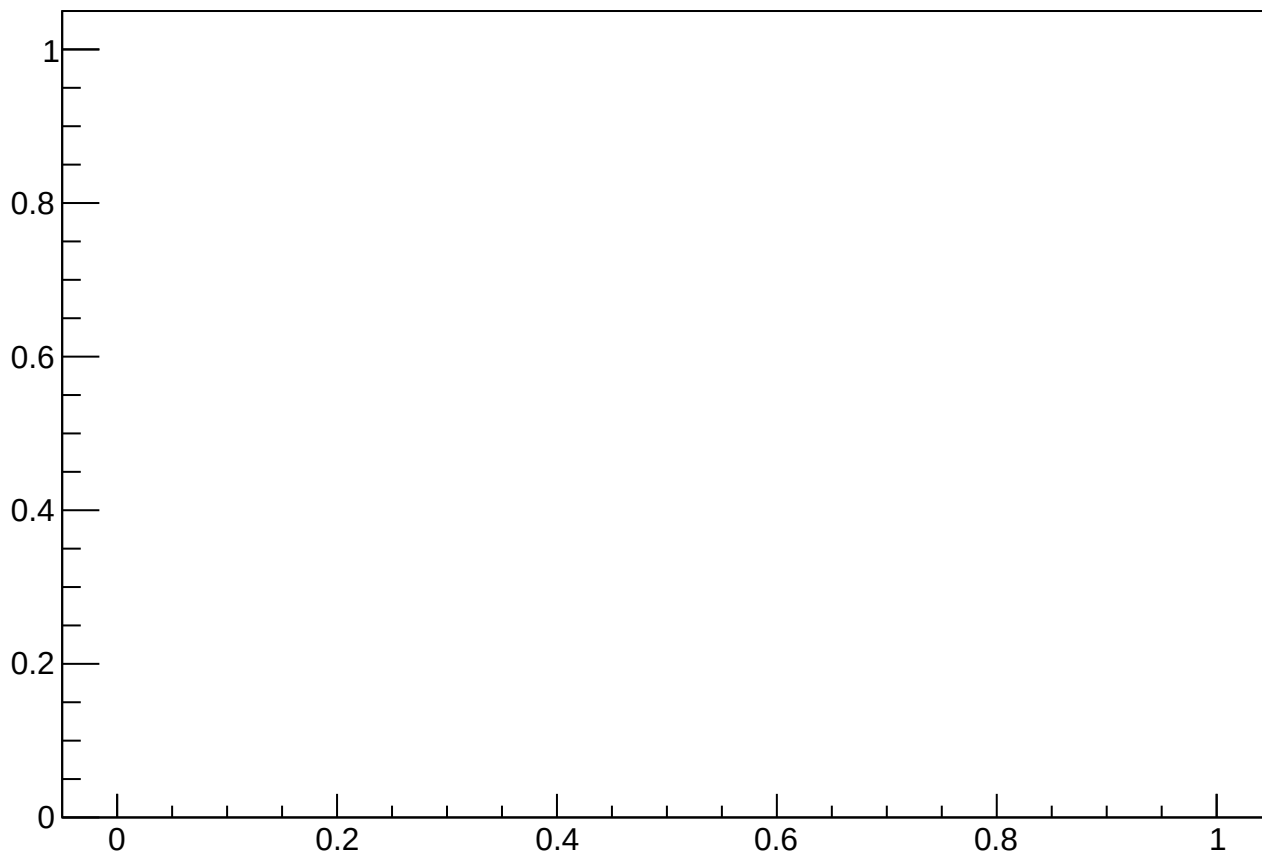
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

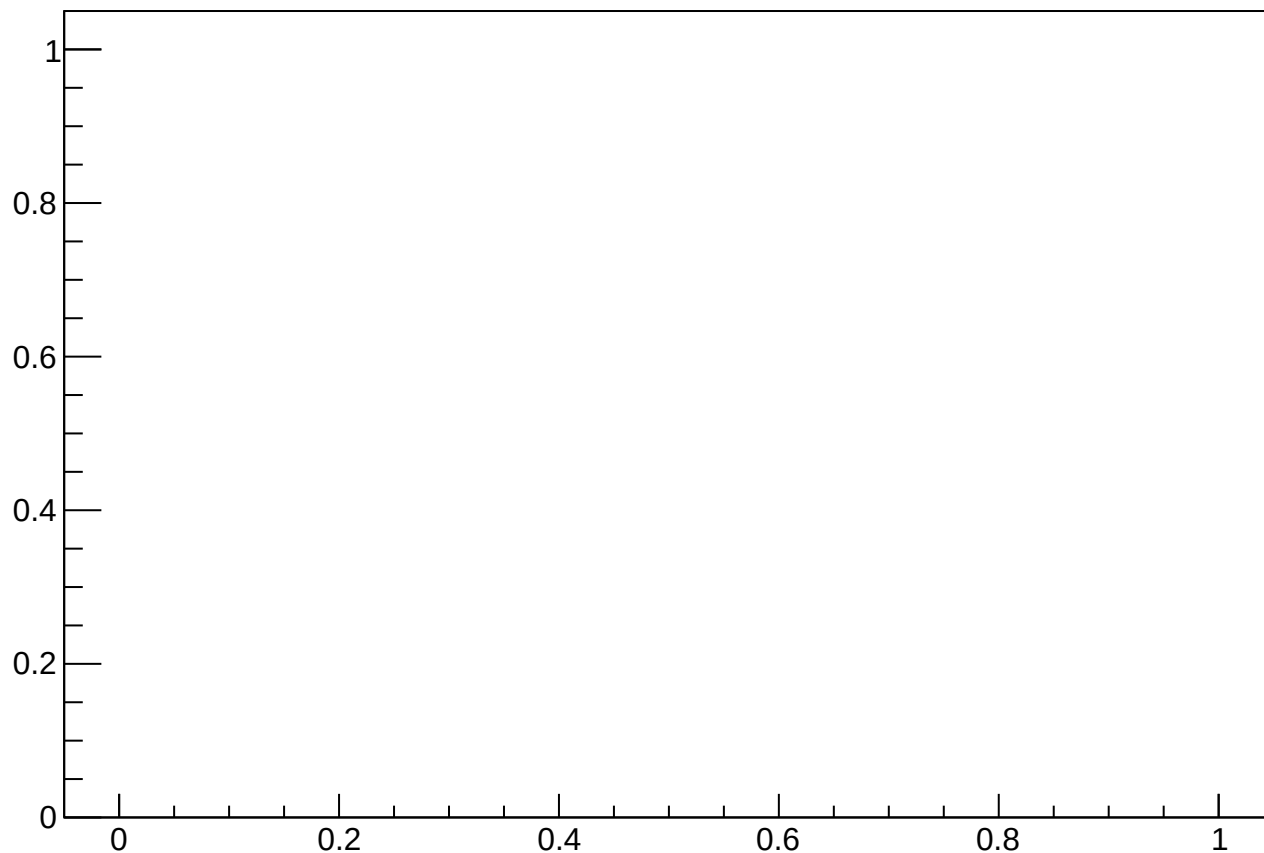
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

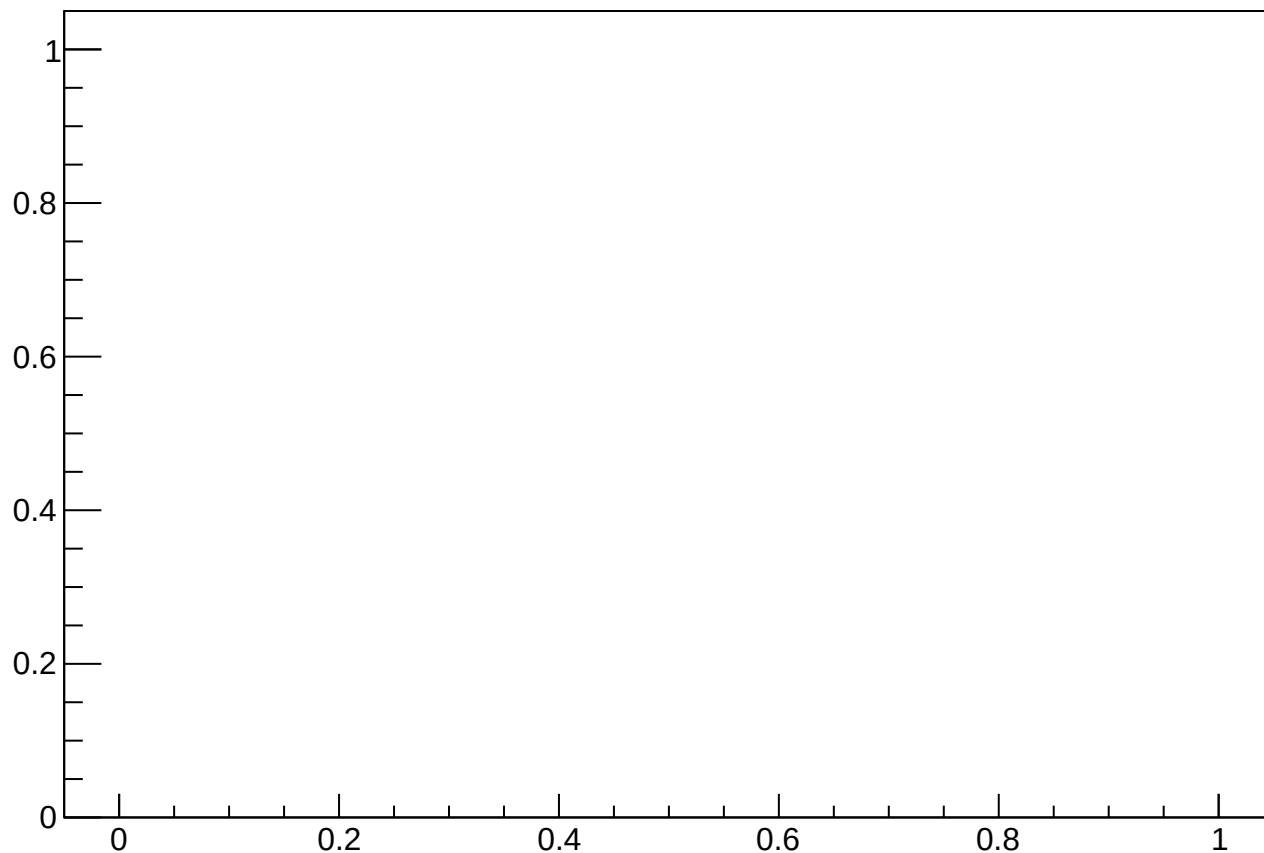
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

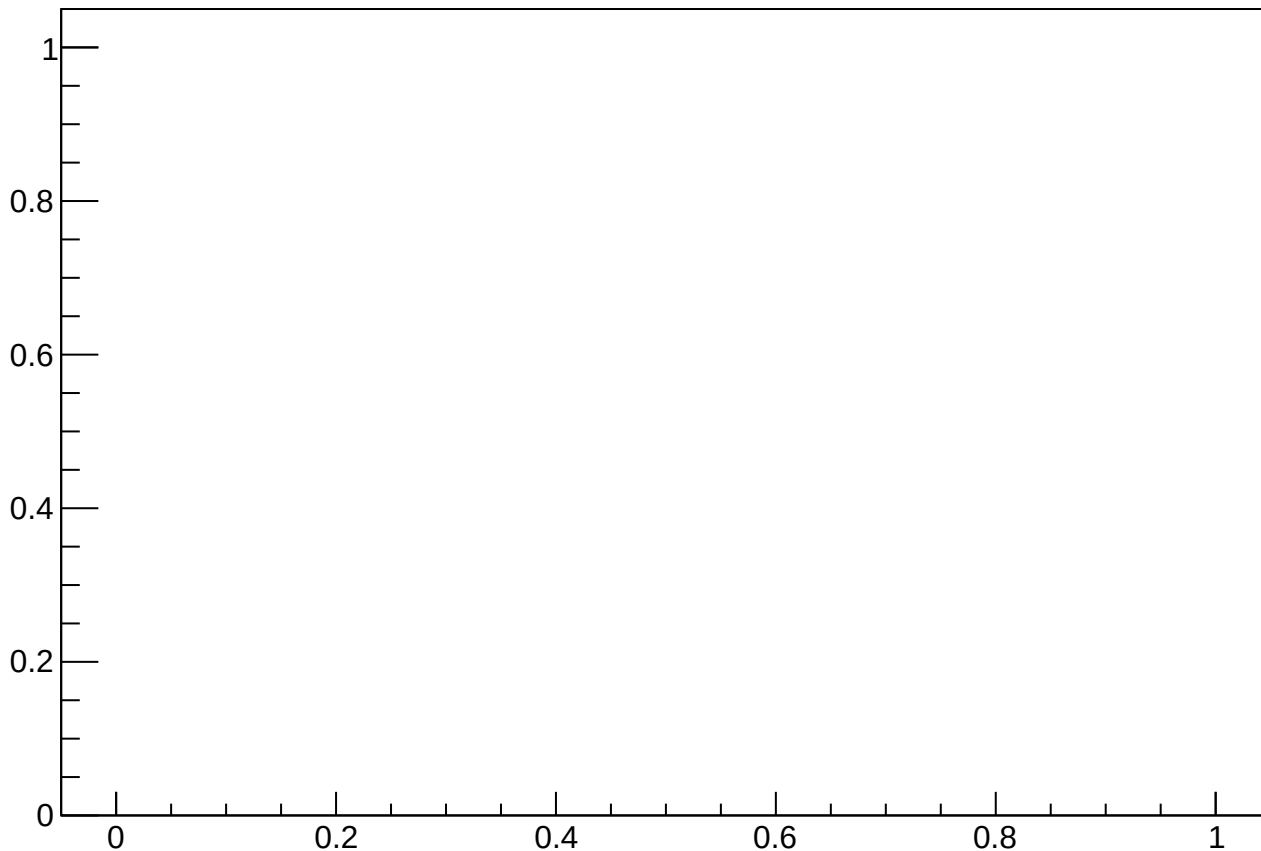
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_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

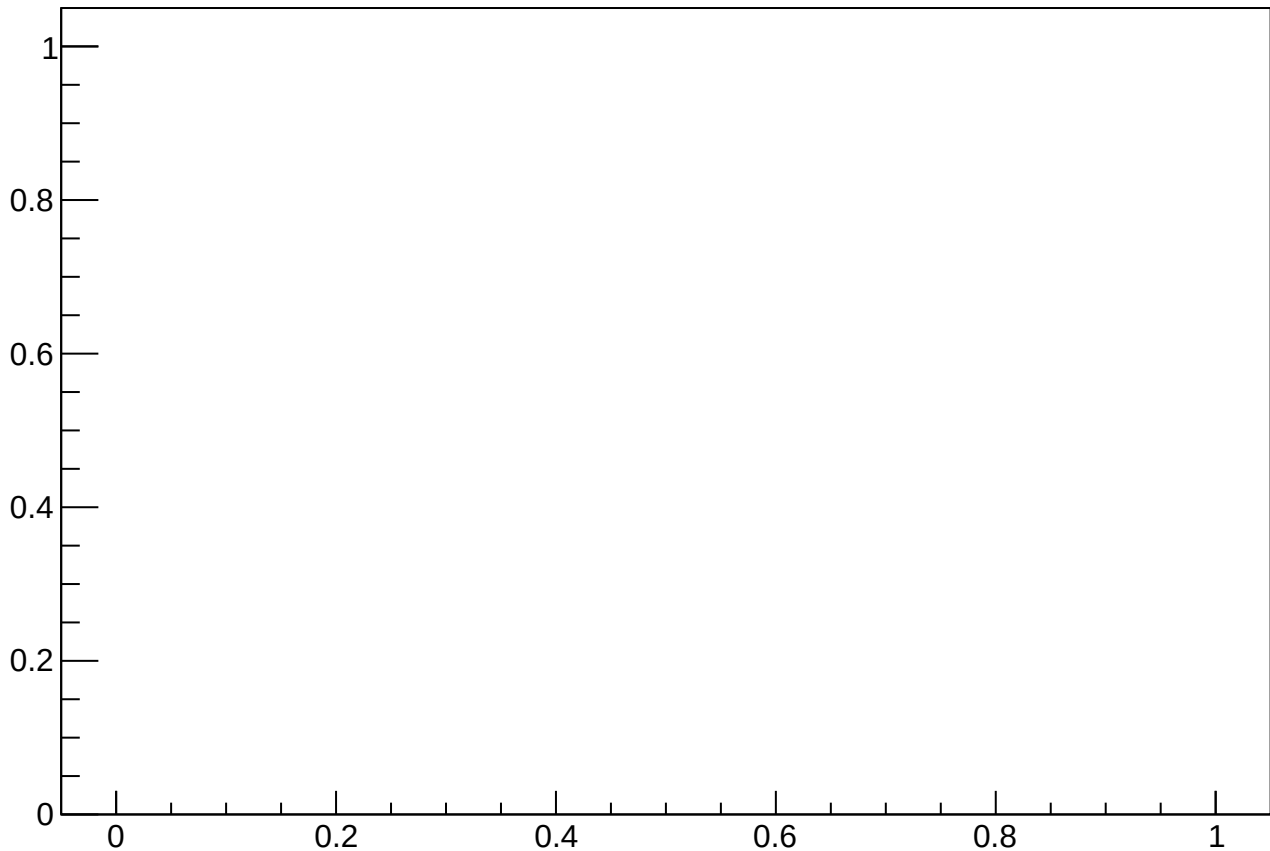
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

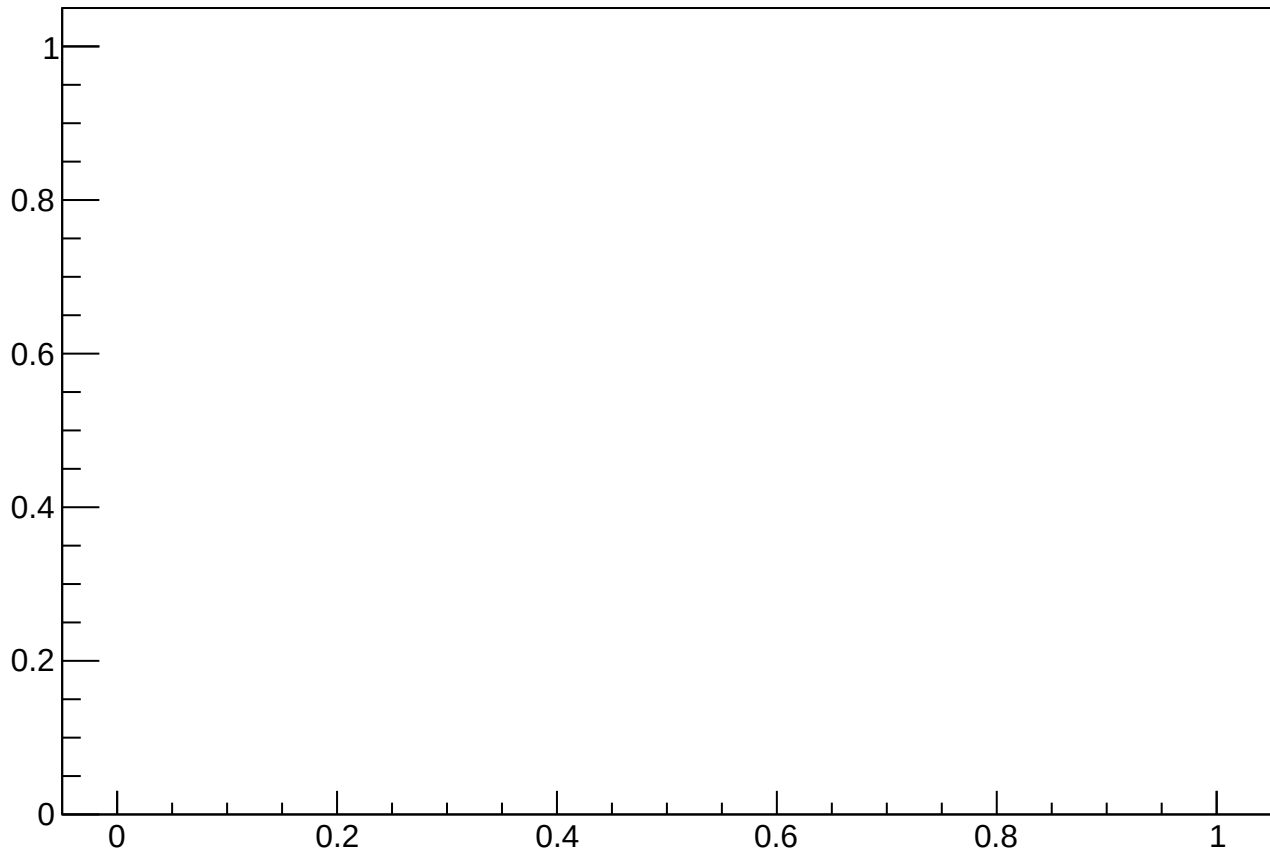
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

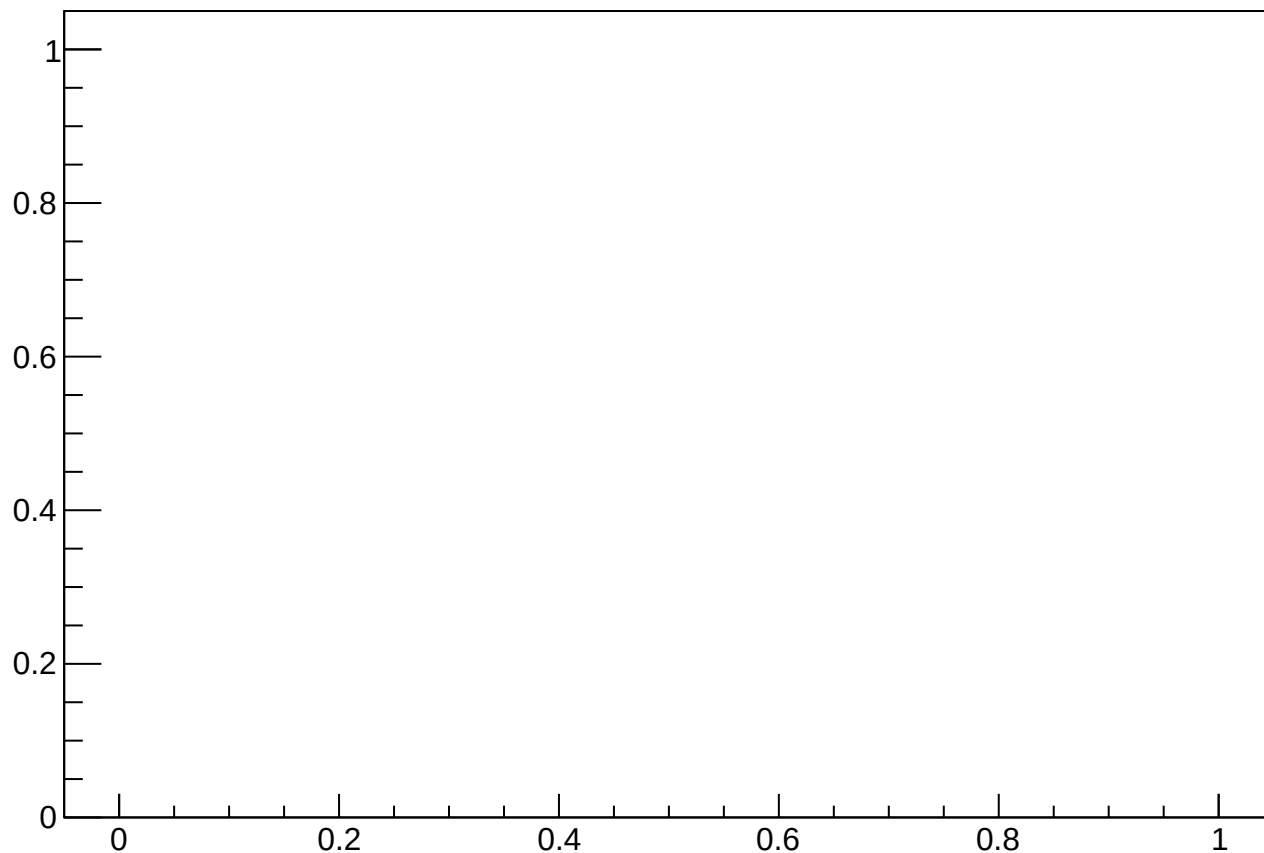
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

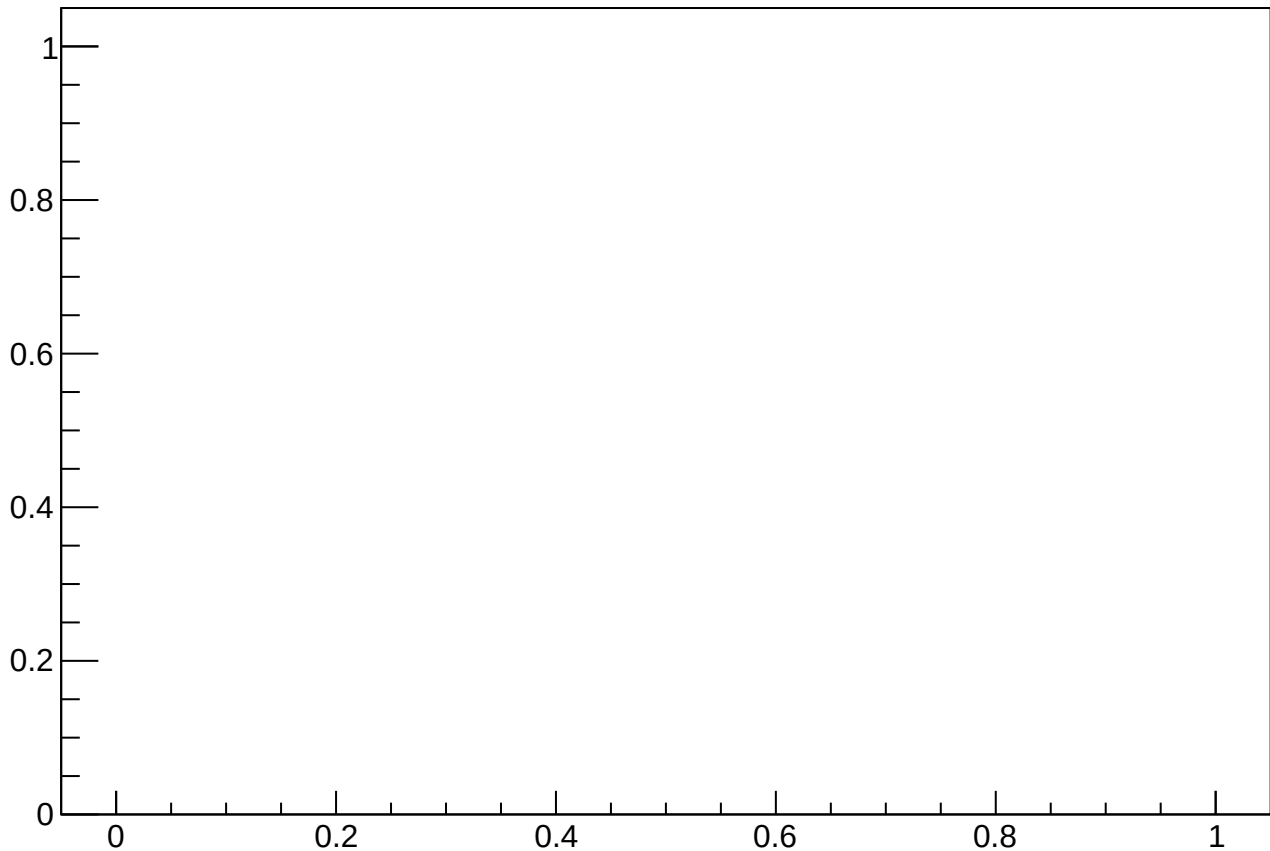
dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

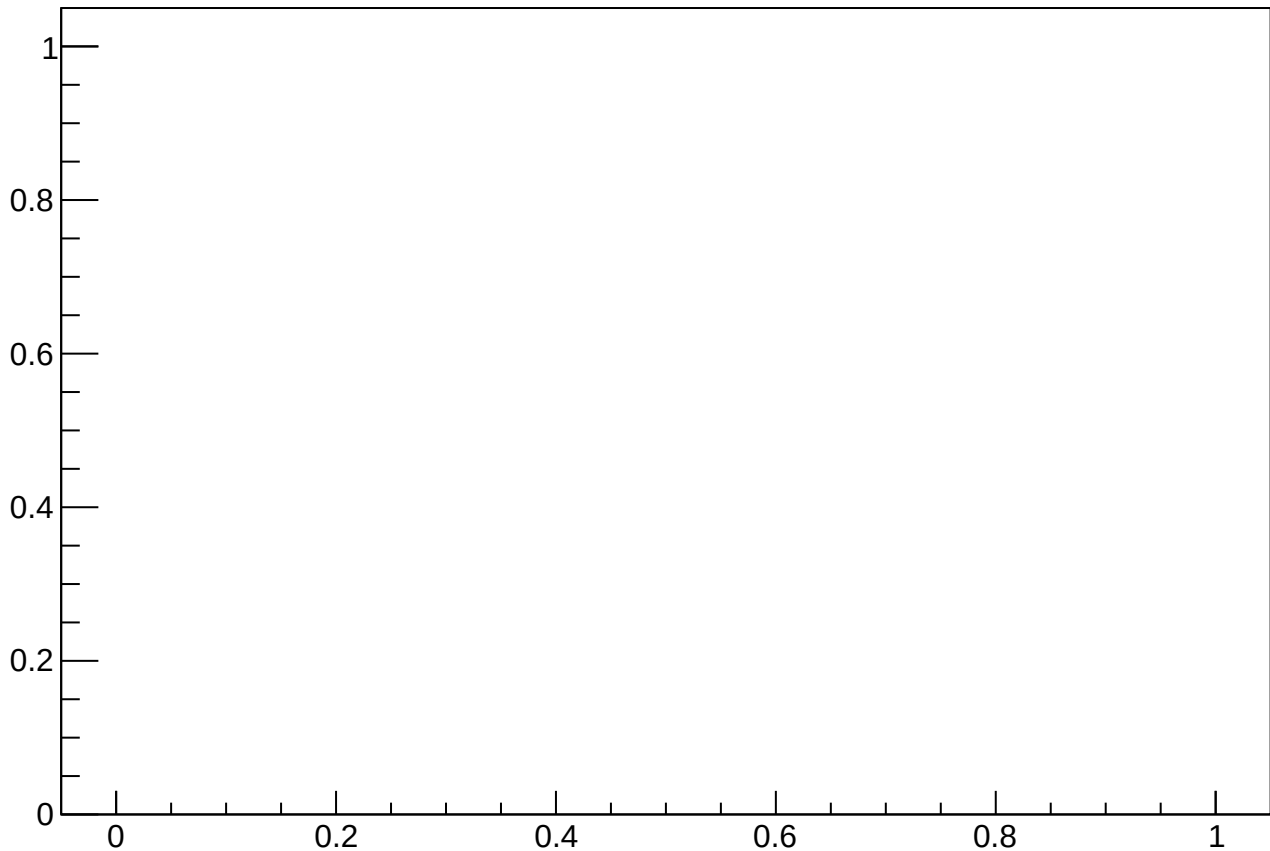
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

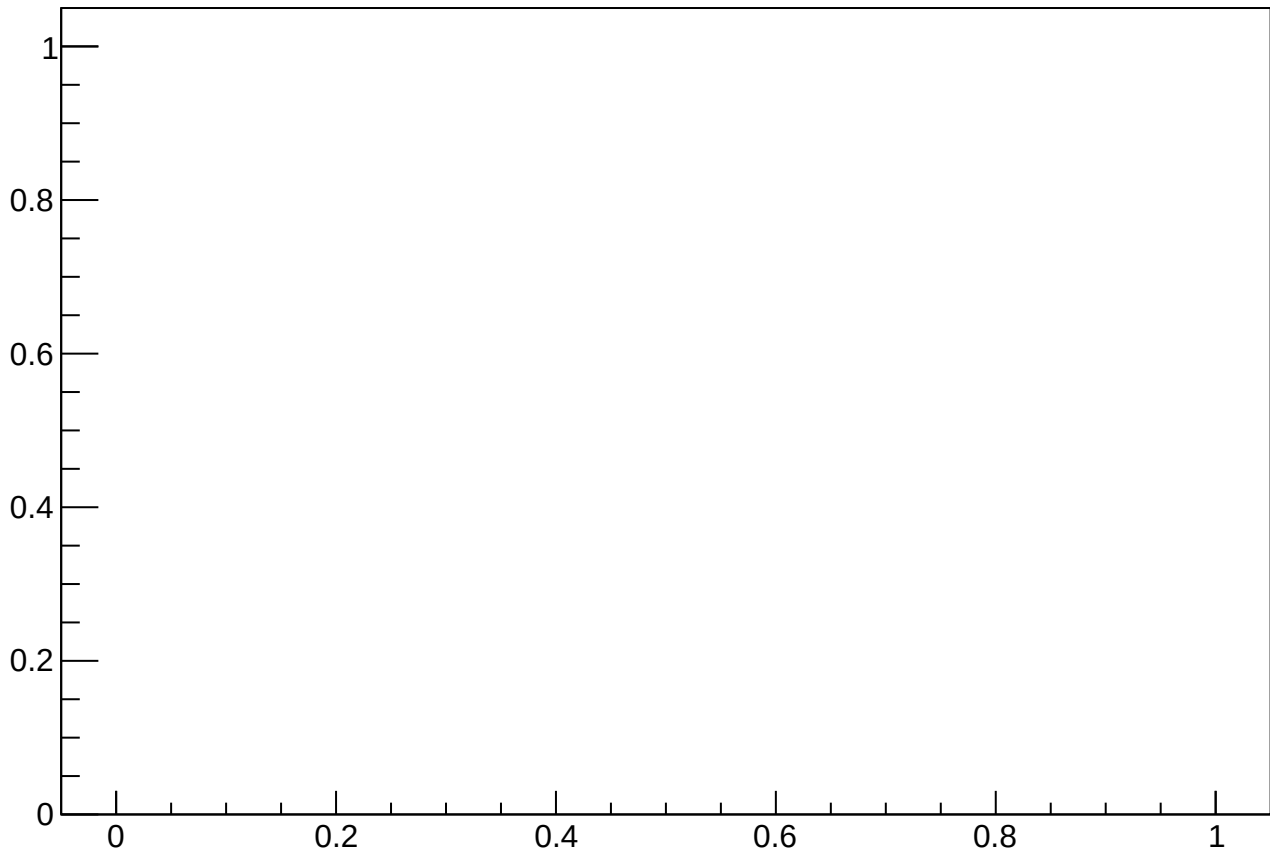
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

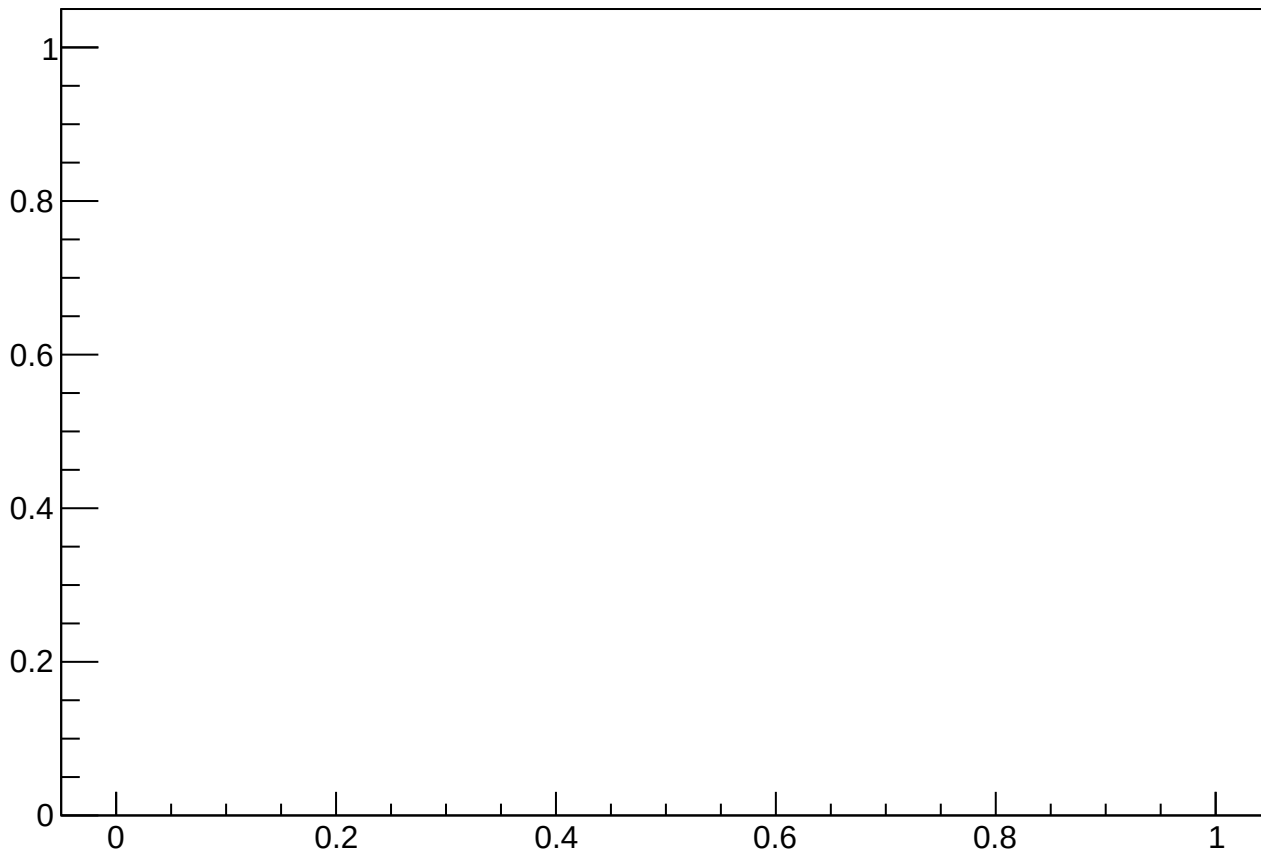
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

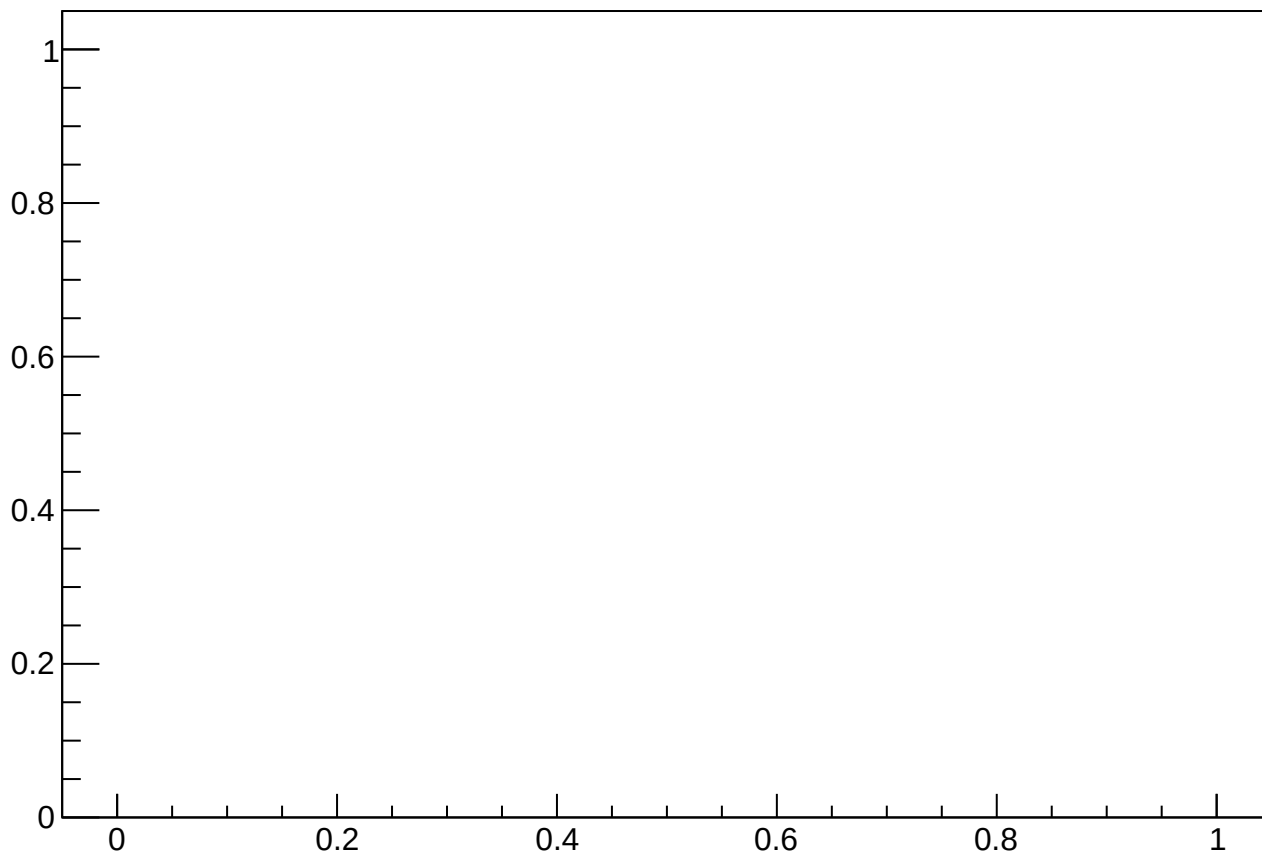
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

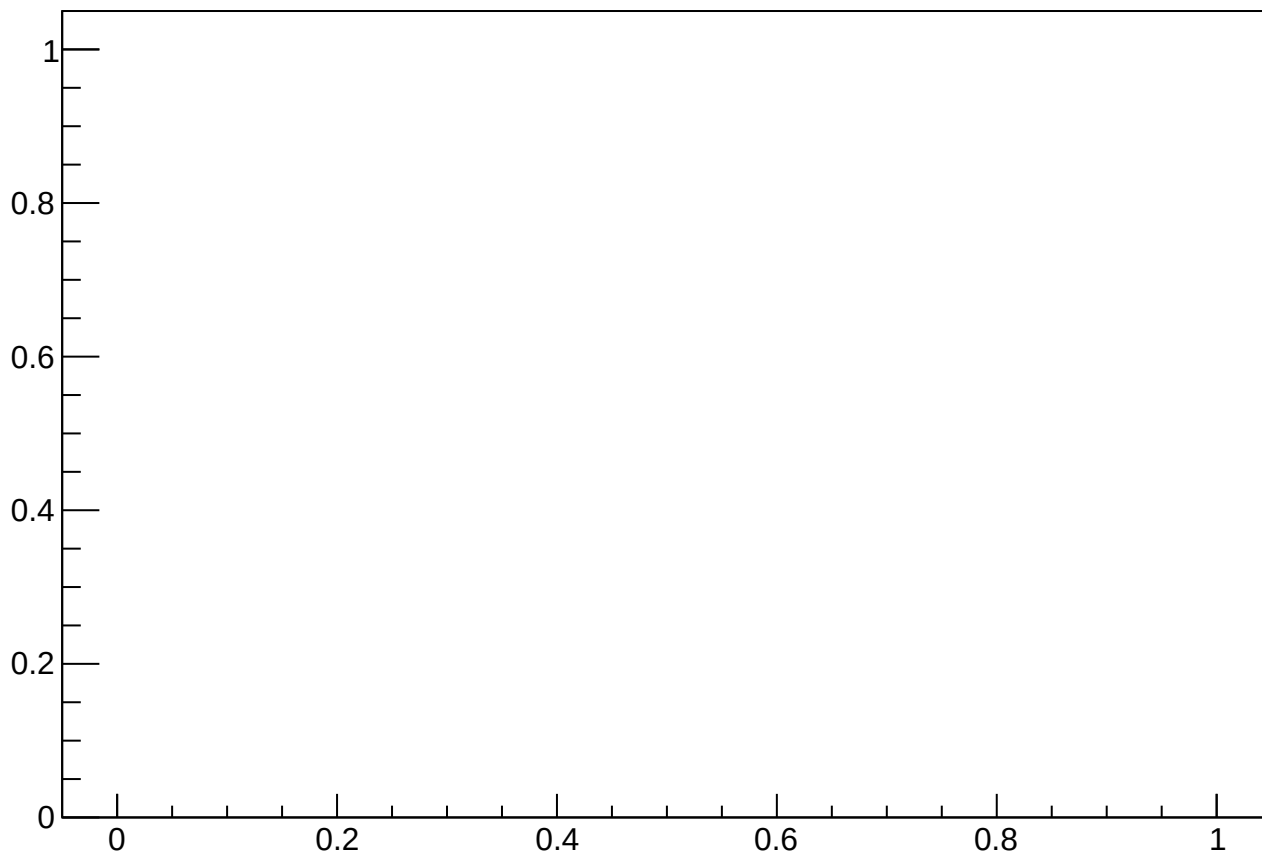
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

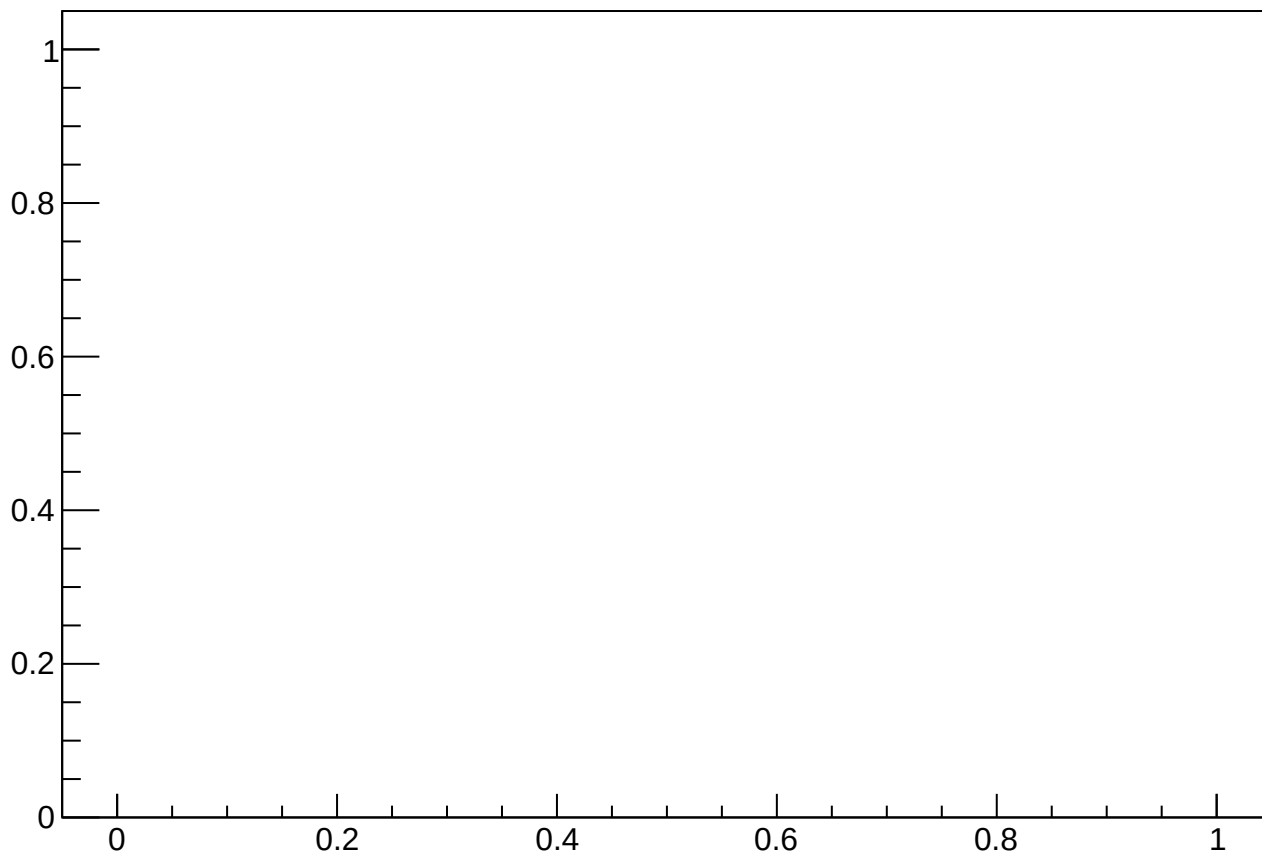
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

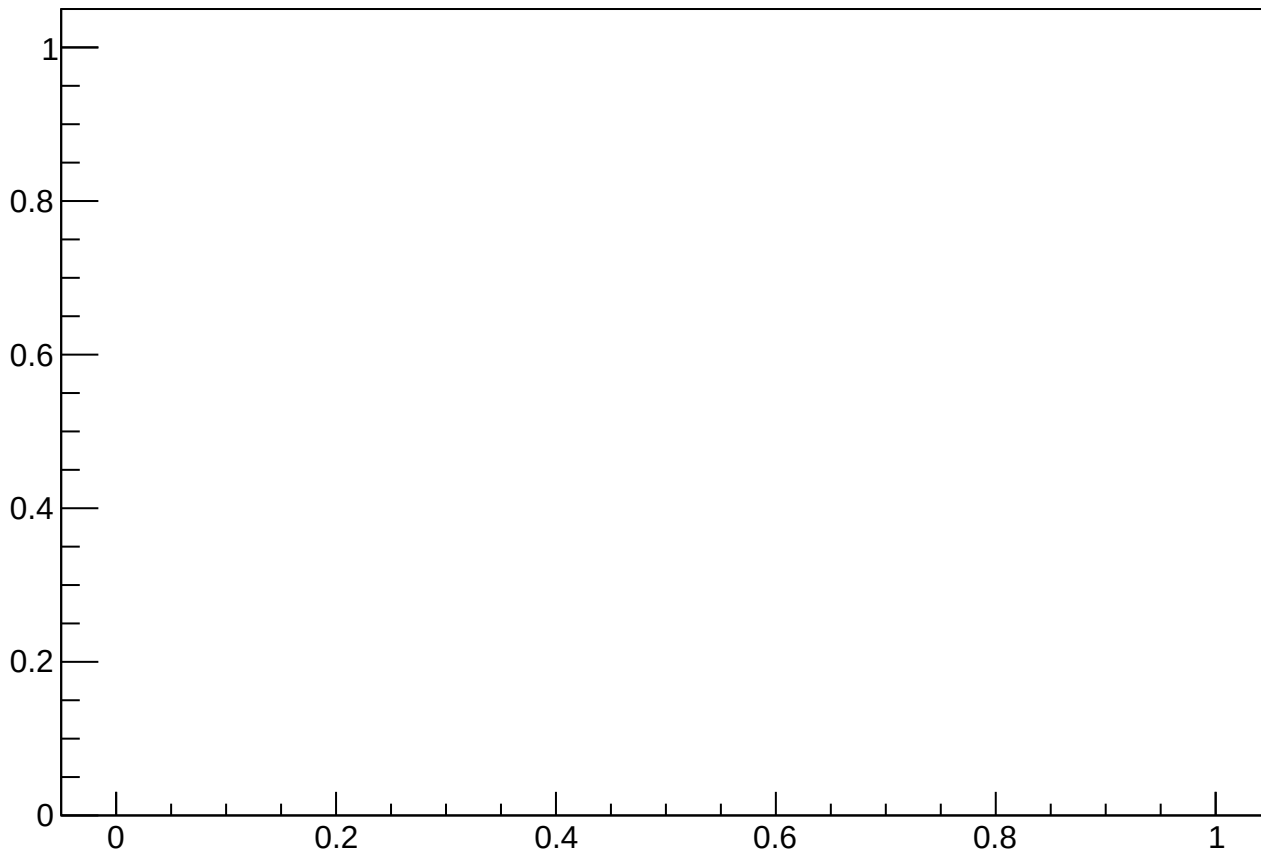
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

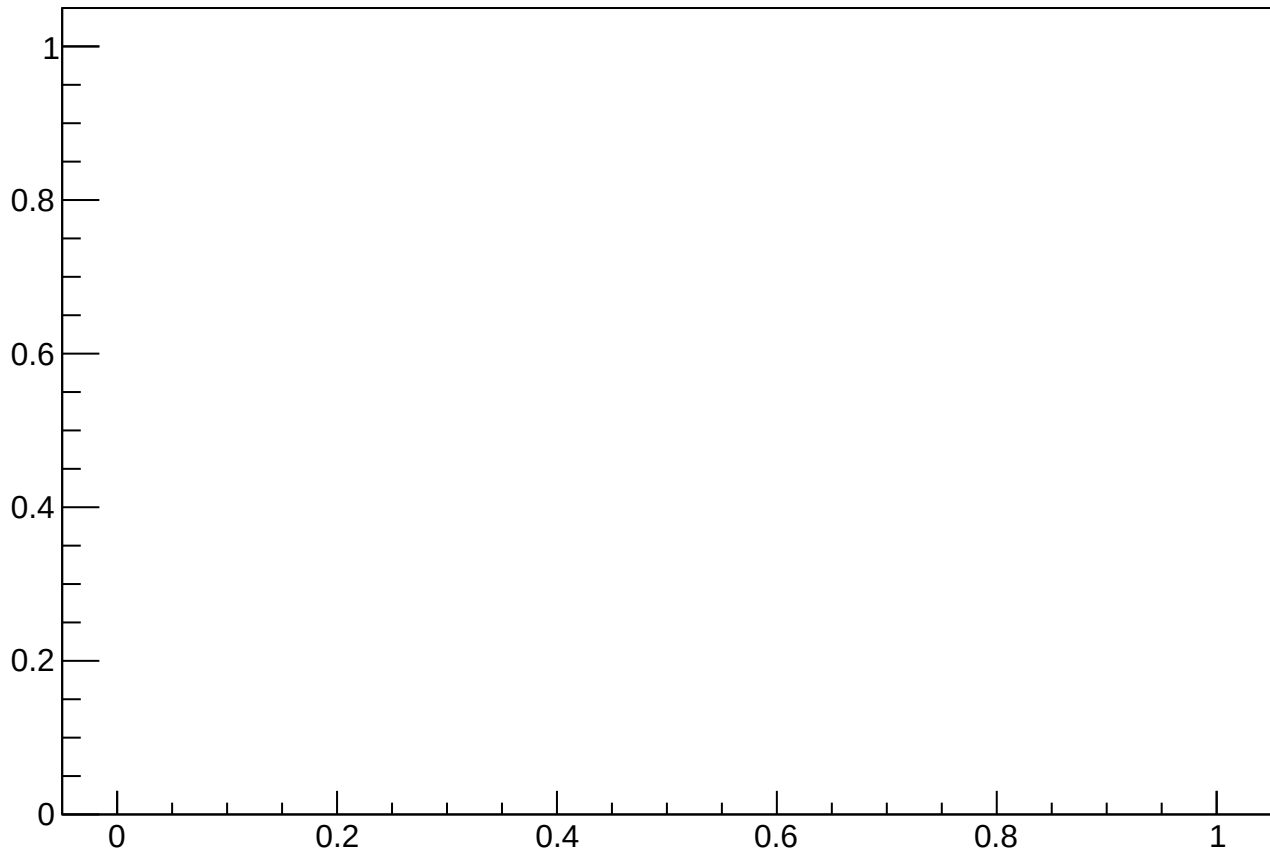
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

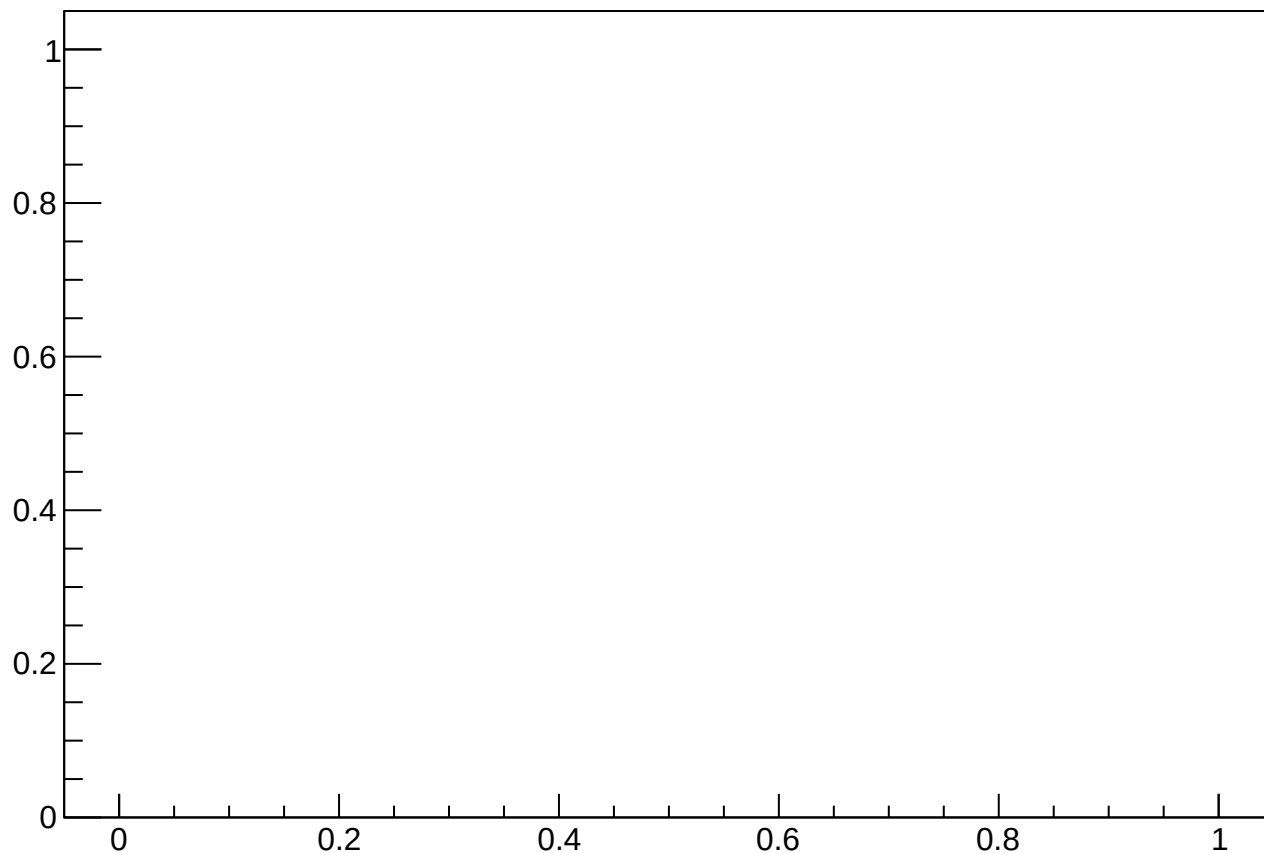
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

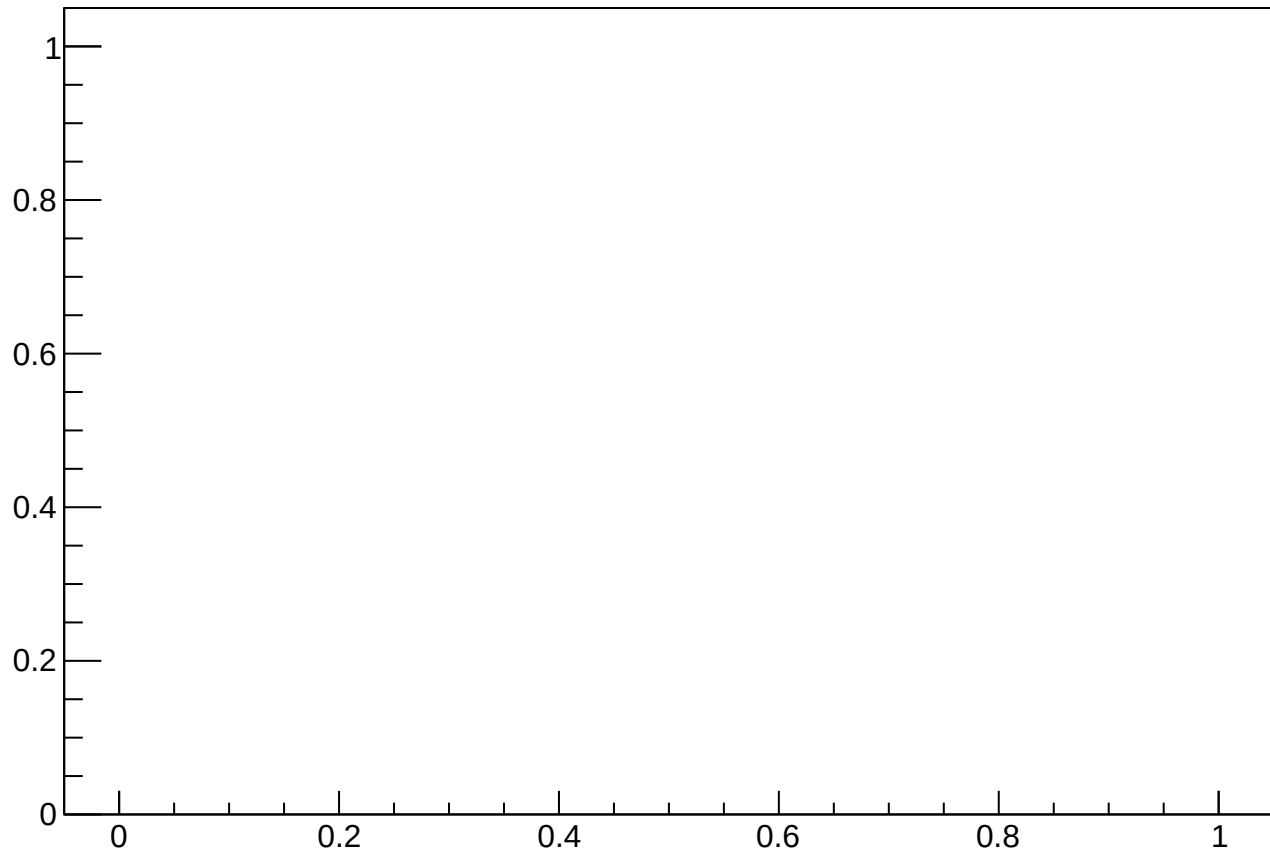
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

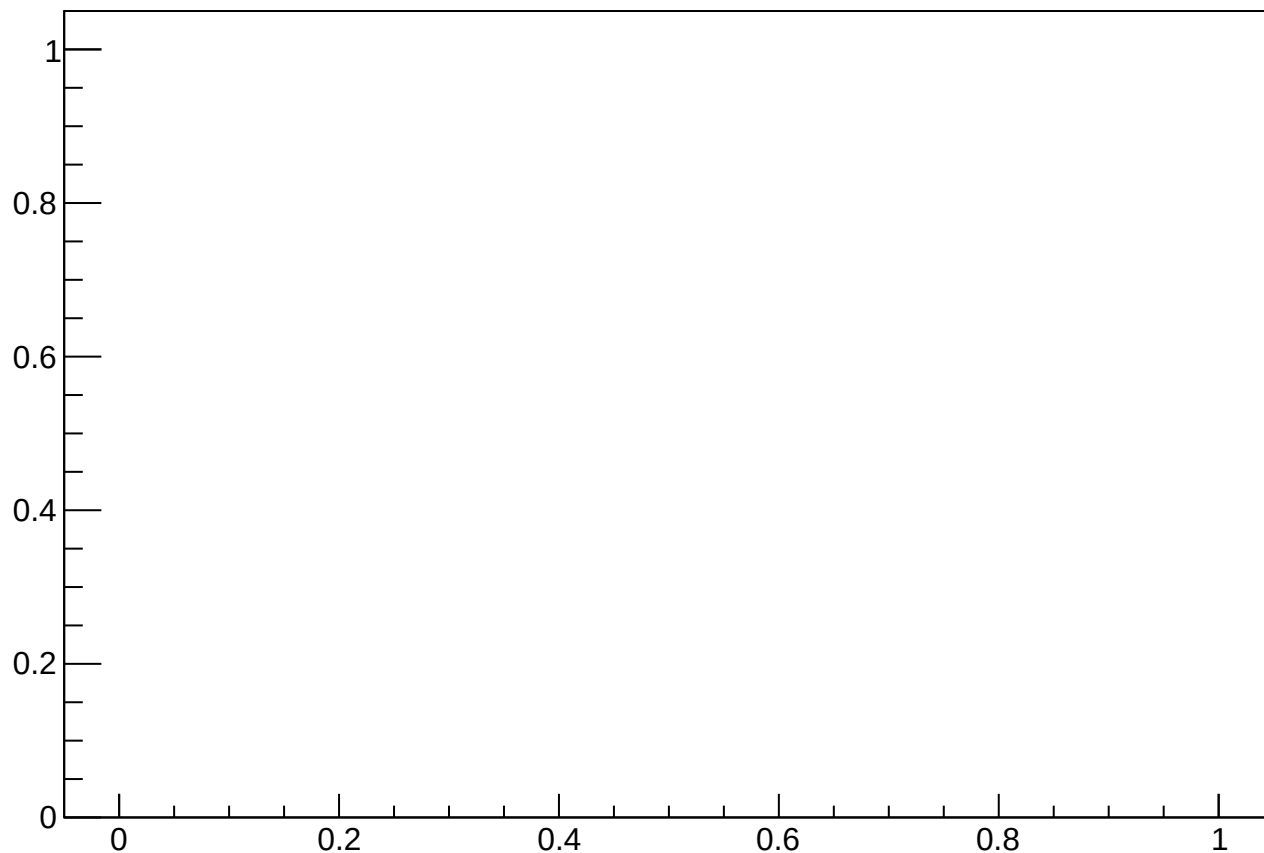
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
In: 0.000+/-0.000 χ^2 /NDF:0.0/0
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

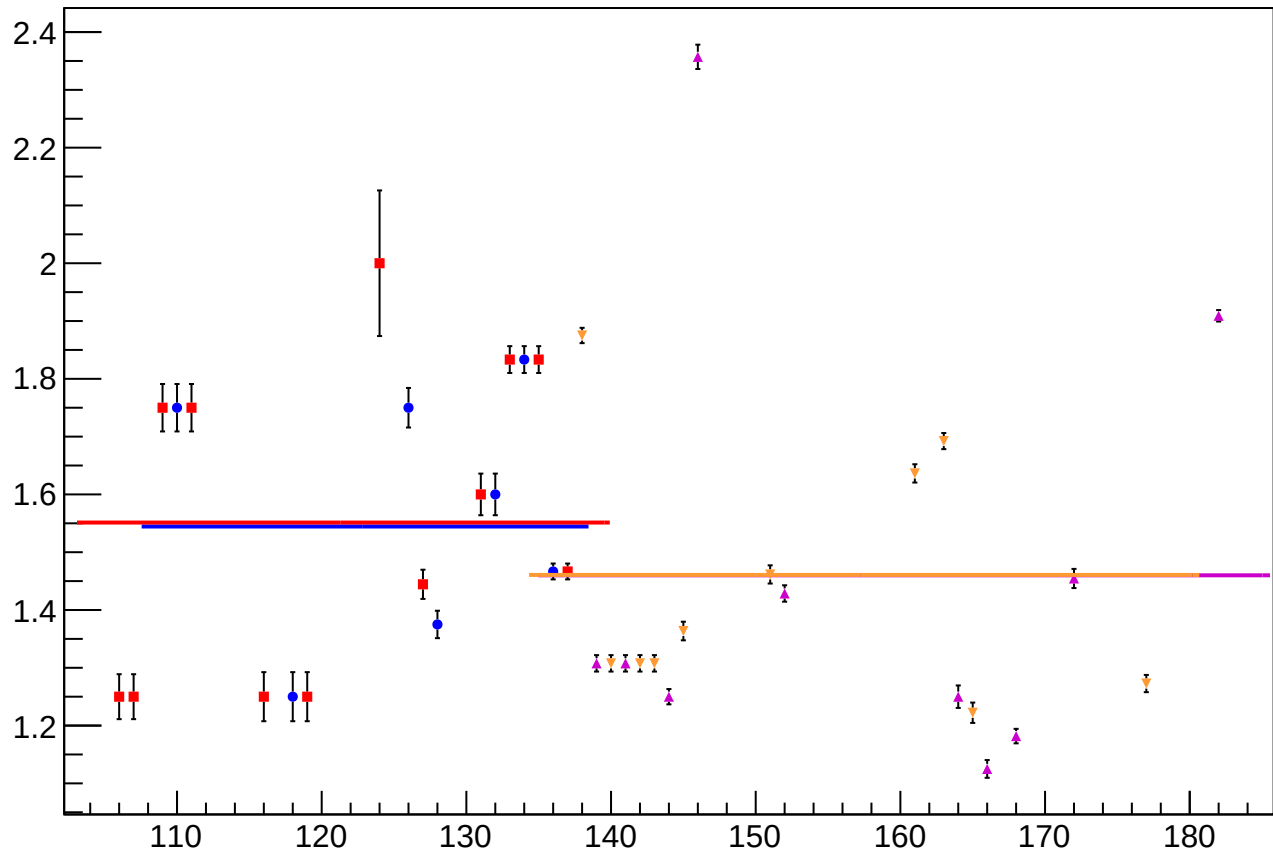
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF : 5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

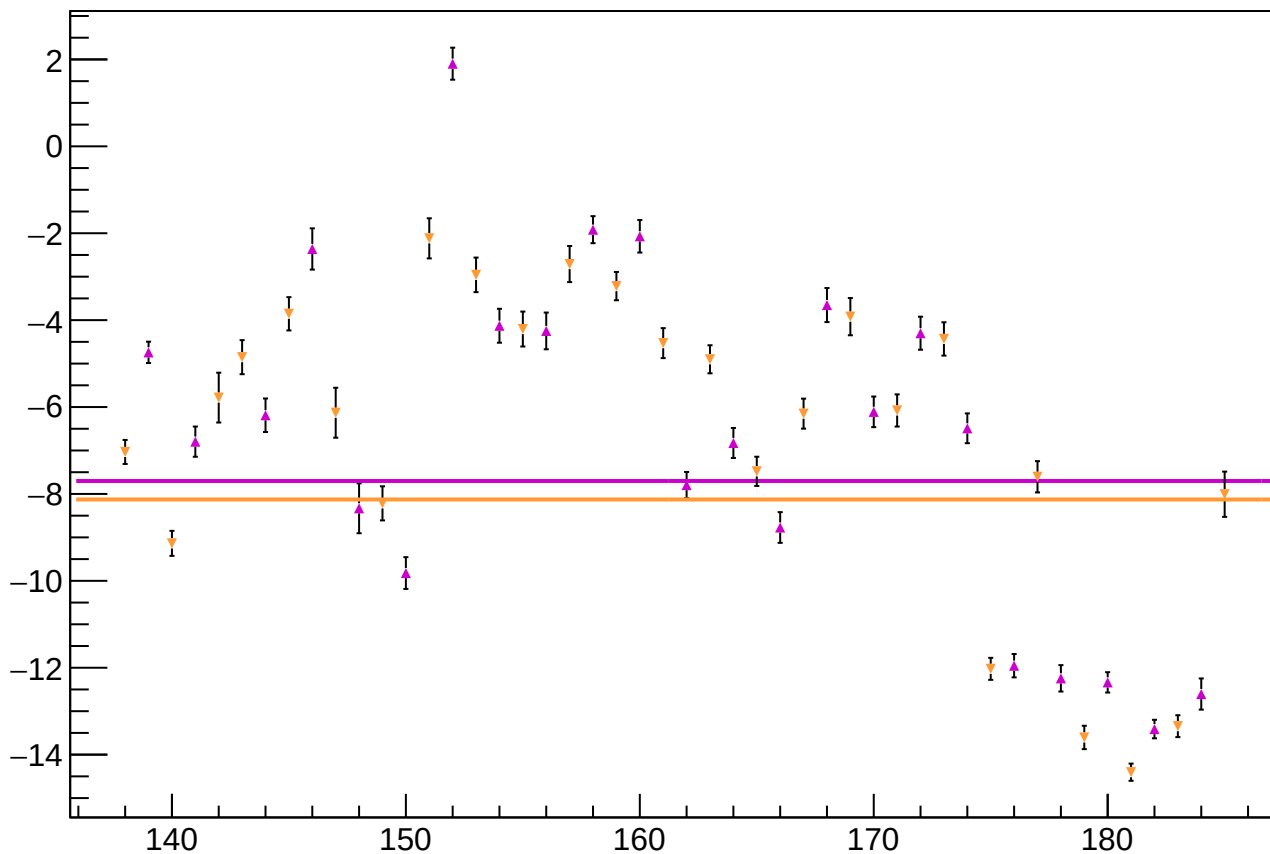
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF : 5869.6/16

Out: 1.483+/-0.004 χ^2/NDF : 2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

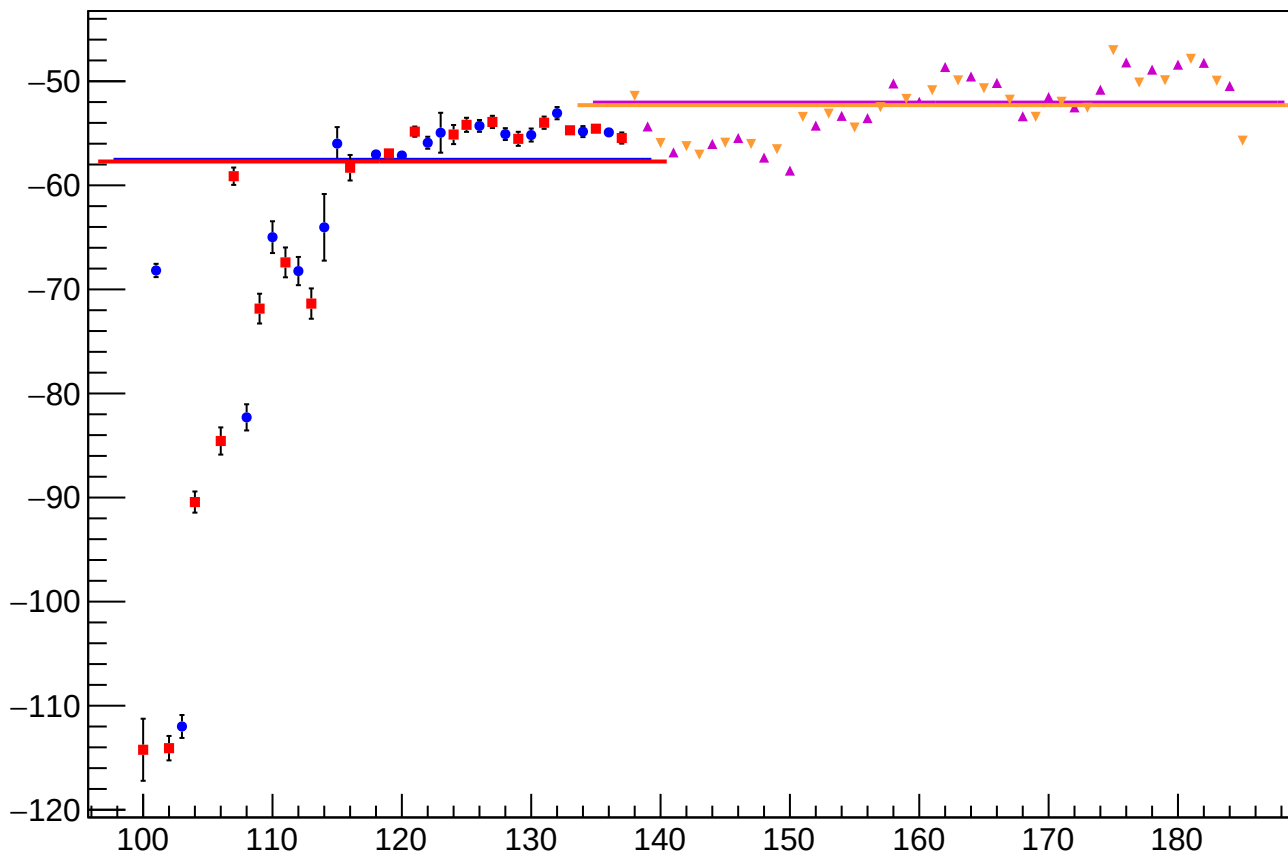
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.128 $\pm$ 0.067 χ^2 /NDF:3634.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22

Left: -7.918 $\pm$ 0.048 χ^2 /NDF: 7391.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.701 $\pm$ 0.068 χ^2 /NDF:3737.2/22
 Out: -8.128 $\pm$ 0.067 χ^2 /NDF:3634.8/24
 All: -7.918 $\pm$ 0.048 χ^2 /NDF: 7391.7/47

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 $\pm$ 0.142 χ^2 /NDF: 3460.4/16

Left Out: -52.297 $\pm$ 0.055 χ^2 /NDF: 2657.5/24

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -52.050 $\pm$ 0.057 χ^2 /NDF: 3197.5/22

Left: -52.178 $\pm$ 0.040 χ^2 /NDF: 5864.7/47

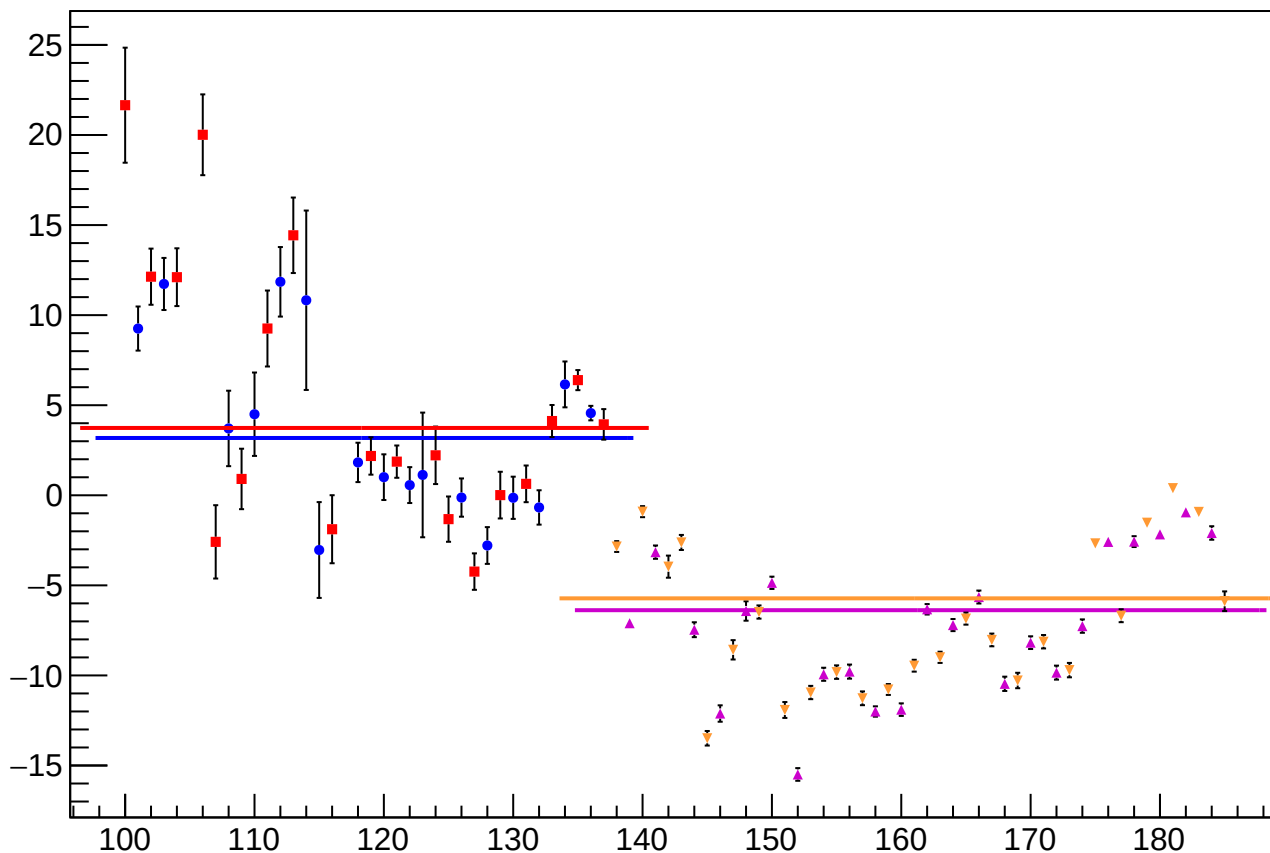
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -52.817 $\pm$ 0.053 χ^2 /NDF: 7956.1/39

Out: -52.998 $\pm$ 0.051 χ^2 /NDF: 8613.1/43

All: -52.910 $\pm$ 0.037 χ^2 /NDF: 16575.3/83

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: -5.722 ± 0.068 $\chi^2/\text{NDF}: 3982.3/24$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.379 ± 0.068 $\chi^2/\text{NDF}: 3395.7/22$

Left: -6.047 ± 0.048 $\chi^2/\text{NDF}: 7424.9/47$

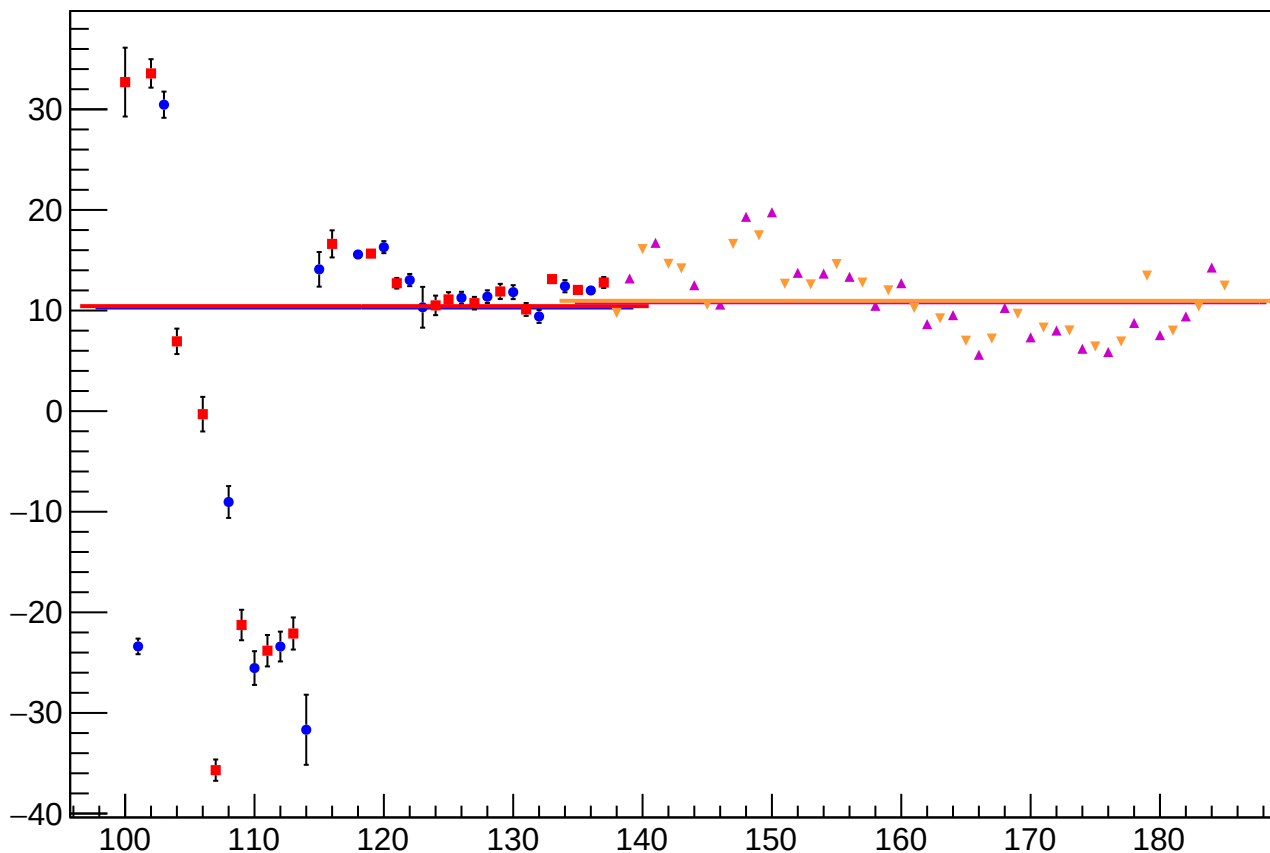
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -5.753 ± 0.066 $\chi^2/\text{NDF}: 4864.2/39$

Out: -5.152 ± 0.065 $\chi^2/\text{NDF}: 5483.5/43$

All: -5.450 ± 0.046 $\chi^2/\text{NDF}: 10389.4/83$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 10.966+/-0.061 χ^2/NDF : 2638.2/24

Right Out: 10.437+/-0.160 χ^2/NDF : 3828.8/18

Left In: 10.818+/-0.063 χ^2/NDF : 3577.7/22

Left: 10.894+/-0.044 χ^2/NDF : 6218.7/47

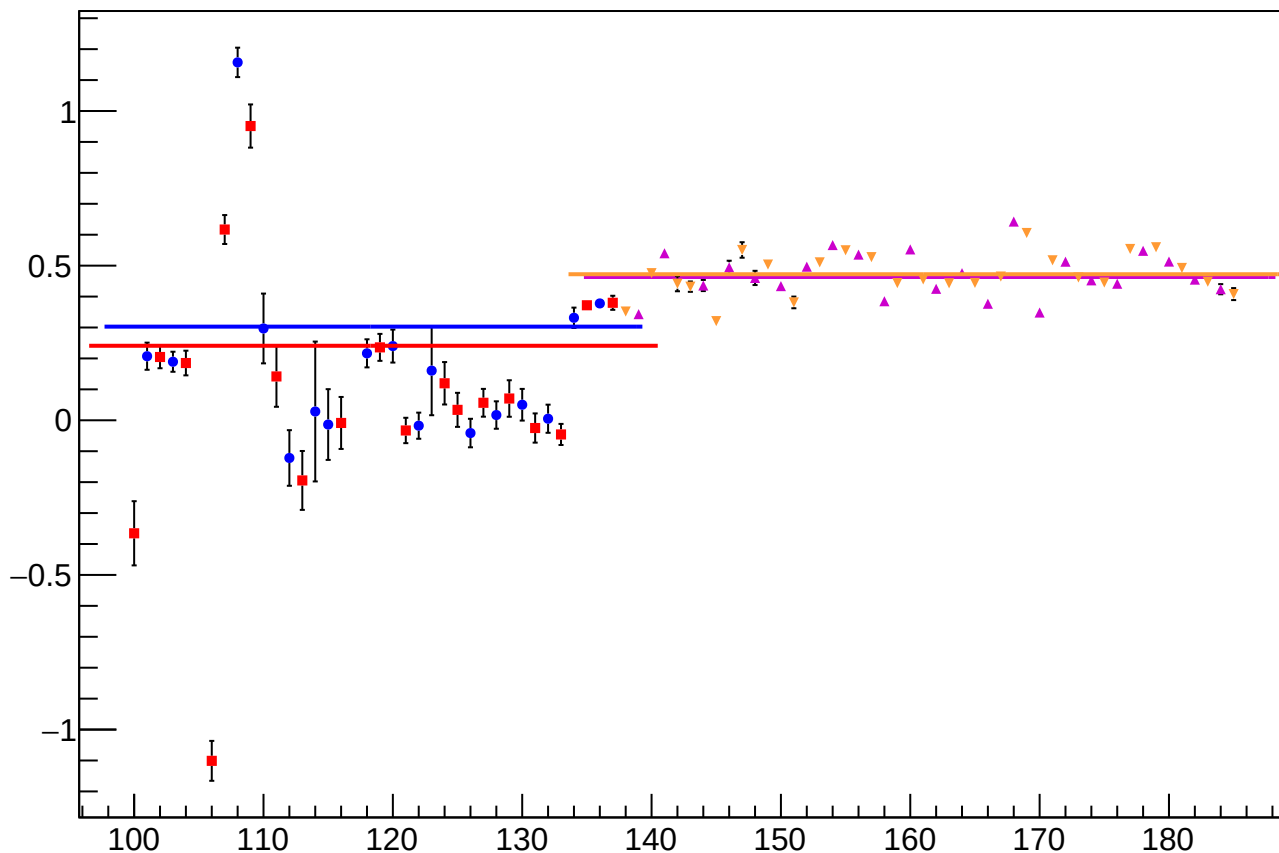
Right: 10.368+/-0.112 χ^2/NDF : 7528.5/35

In: 10.747+/-0.058 χ^2/NDF : 7286.4/39

Out: 10.898+/-0.057 χ^2/NDF : 6476.6/43

All: 10.824+/-0.041 χ^2/NDF : 13766.4/83

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: 0.472 $\pm$ 0.003 χ^2 /NDF: 519.0/24

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.463 $\pm$ 0.003 χ^2 /NDF: 749.9/22

Left: 0.468 $\pm$ 0.002 χ^2 /NDF: 1274.1/47

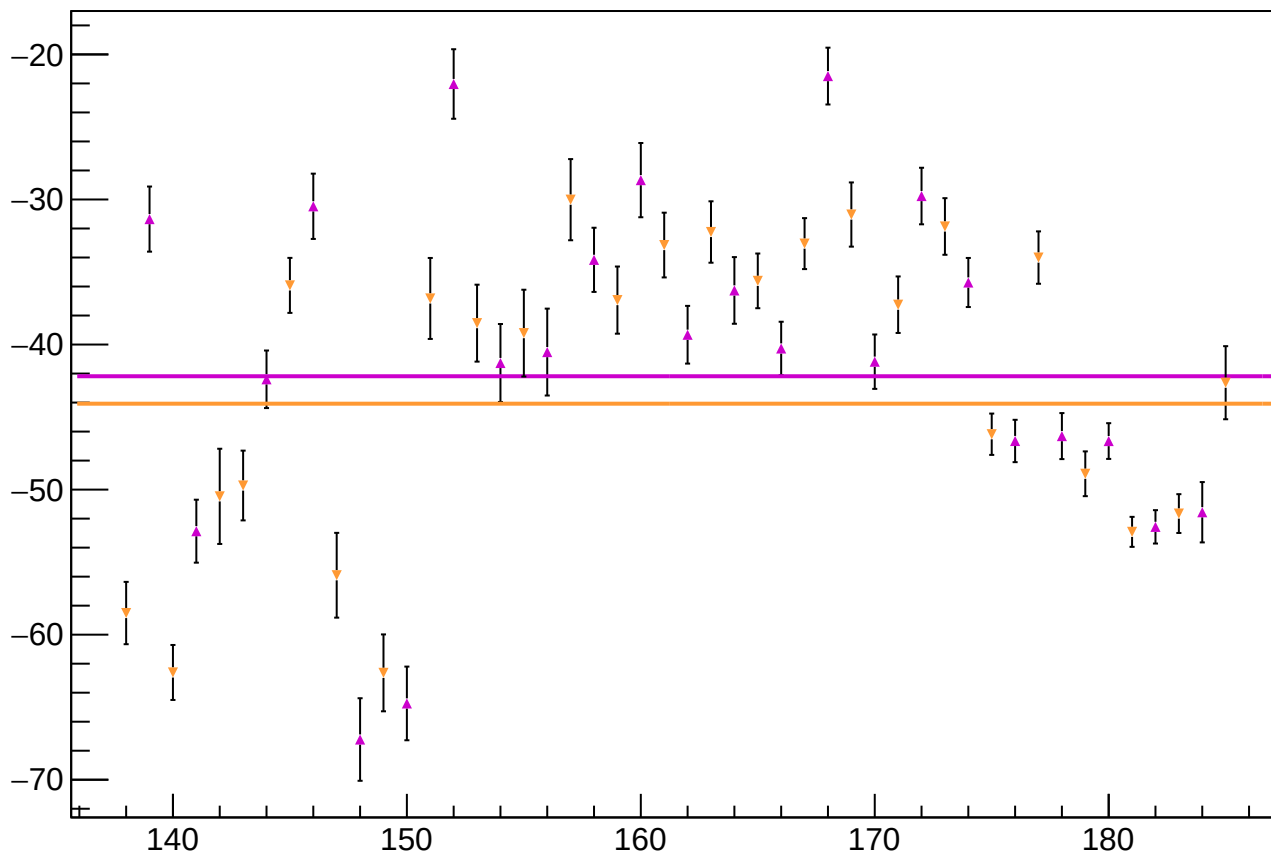
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.447 $\pm$ 0.003 χ^2 /NDF: 1741.6/39

Out: 0.450 $\pm$ 0.003 χ^2 /NDF: 2179.4/43

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3921.7/83

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



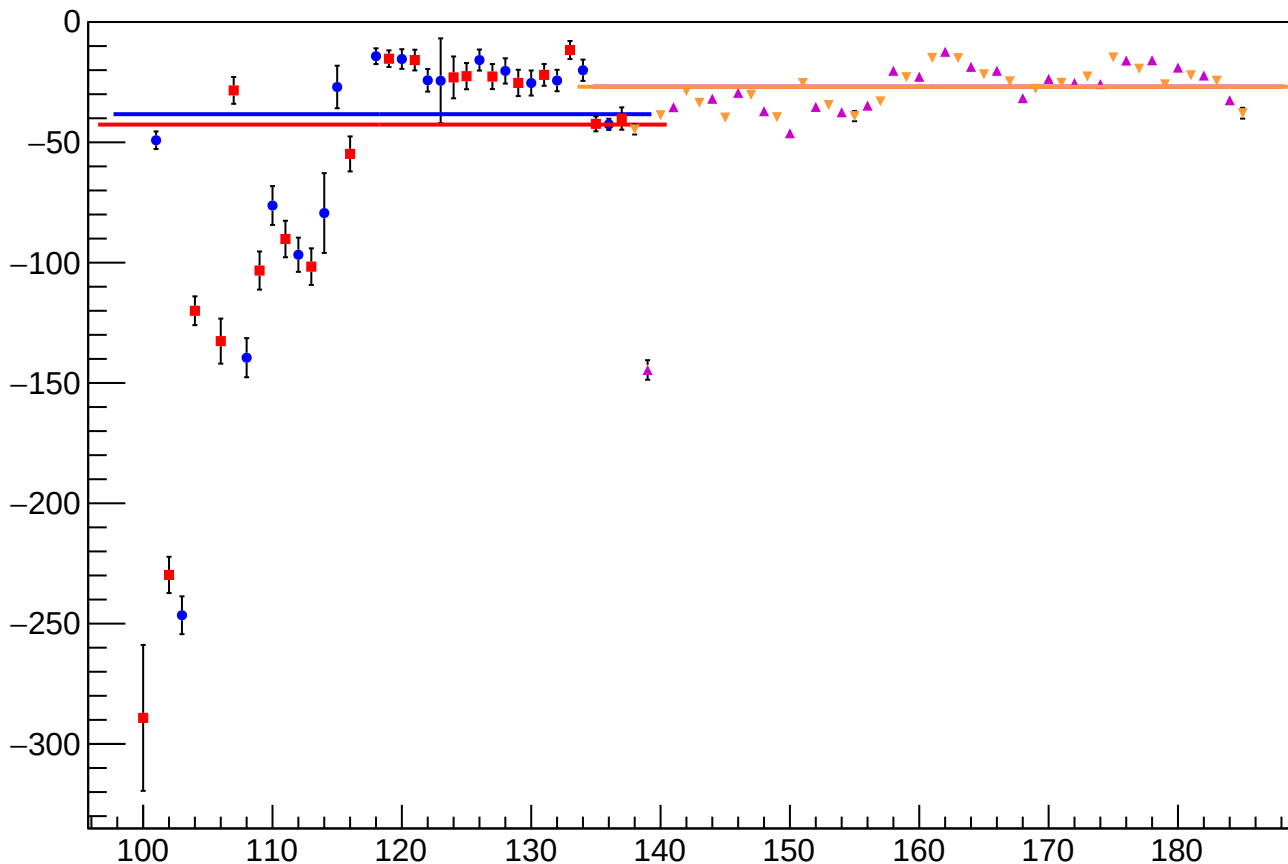
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -44.077+/-0.388 χ^2/NDF : 632.1/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -42.185+/-0.398 χ^2/NDF : 651.0/22

Left: -43.153+/-0.278 χ^2/NDF : 1294.7/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.185+/-0.398 χ^2/NDF : 651.0/22
 Out: -44.077+/-0.388 χ^2/NDF : 632.1/24

All: -43.153+/-0.278 χ^2/NDF : 1294.7/47

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -26.901 ± 0.316 $\chi^2/\text{NDF}: 631.0/24$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -26.825 ± 0.325 $\chi^2/\text{NDF}: 1481.6/22$

Left: -26.864 ± 0.227 $\chi^2/\text{NDF}: 2112.6/47$

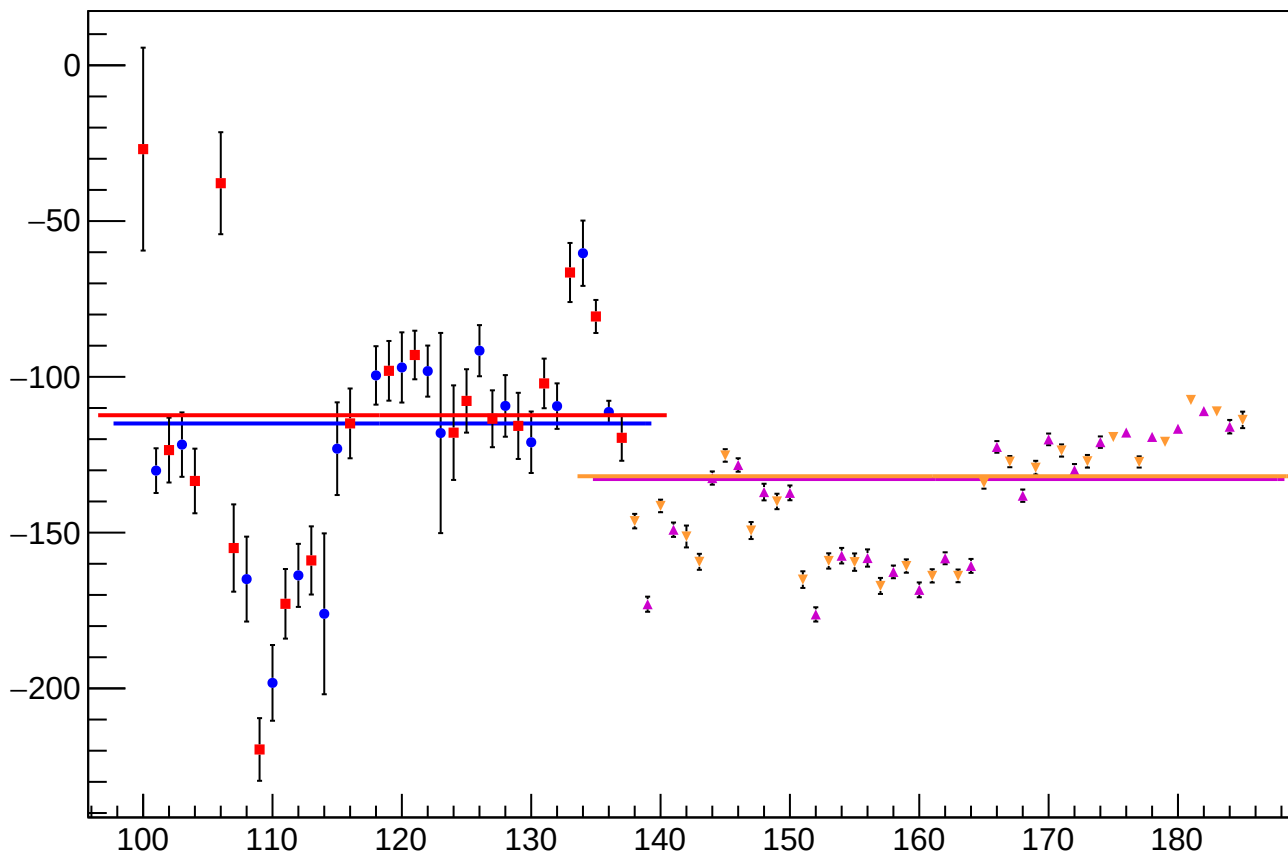
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.693 ± 0.313 $\chi^2/\text{NDF}: 2708.4/39$

Out: -27.908 ± 0.306 $\chi^2/\text{NDF}: 2133.8/43$

All: -27.803 ± 0.219 $\chi^2/\text{NDF}: 4842.4/83$

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: -131.902 ± 0.391 $\chi^2/\text{NDF}: 2439.8/24$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -132.799 ± 0.398 $\chi^2/\text{NDF}: 2515.9/22$

Left: -132.343 ± 0.279 $\chi^2/\text{NDF}: 4958.3/47$

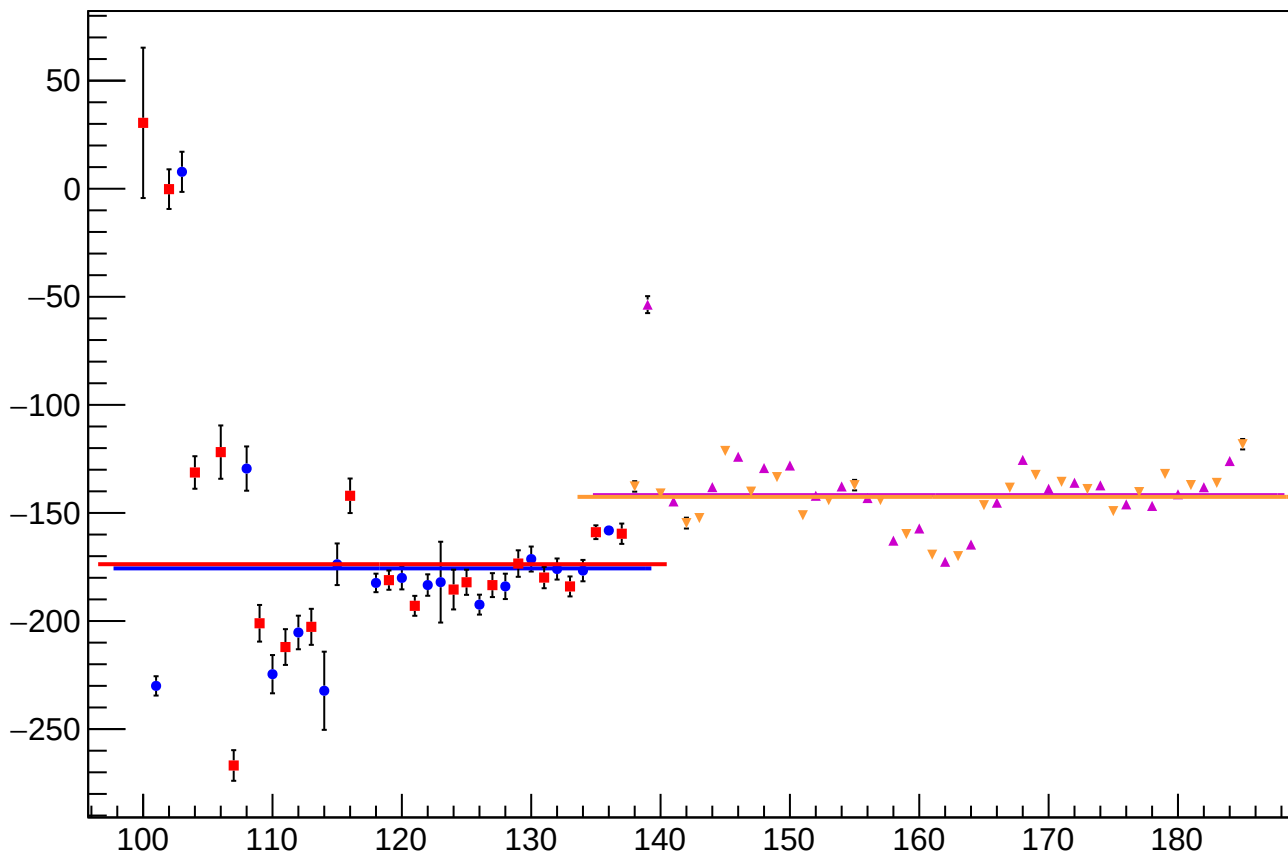
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -132.166 ± 0.391 $\chi^2/\text{NDF}: 2728.5/39$

Out: -131.304 ± 0.385 $\chi^2/\text{NDF}: 2790.3/43$

All: -131.729 ± 0.274 $\chi^2/\text{NDF}: 5521.3/83$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651+/-1.269 χ^2/NDF : 692.1/16

Left Out: -142.559+/-0.354 χ^2/NDF :1147.9/24

Right Out: -173.714+/-1.354 χ^2/NDF : 738.0/18

Left In: -141.769+/-0.363 χ^2/NDF :1604.4/22

Left: -142.174+/-0.253 χ^2/NDF : 2754.7/47

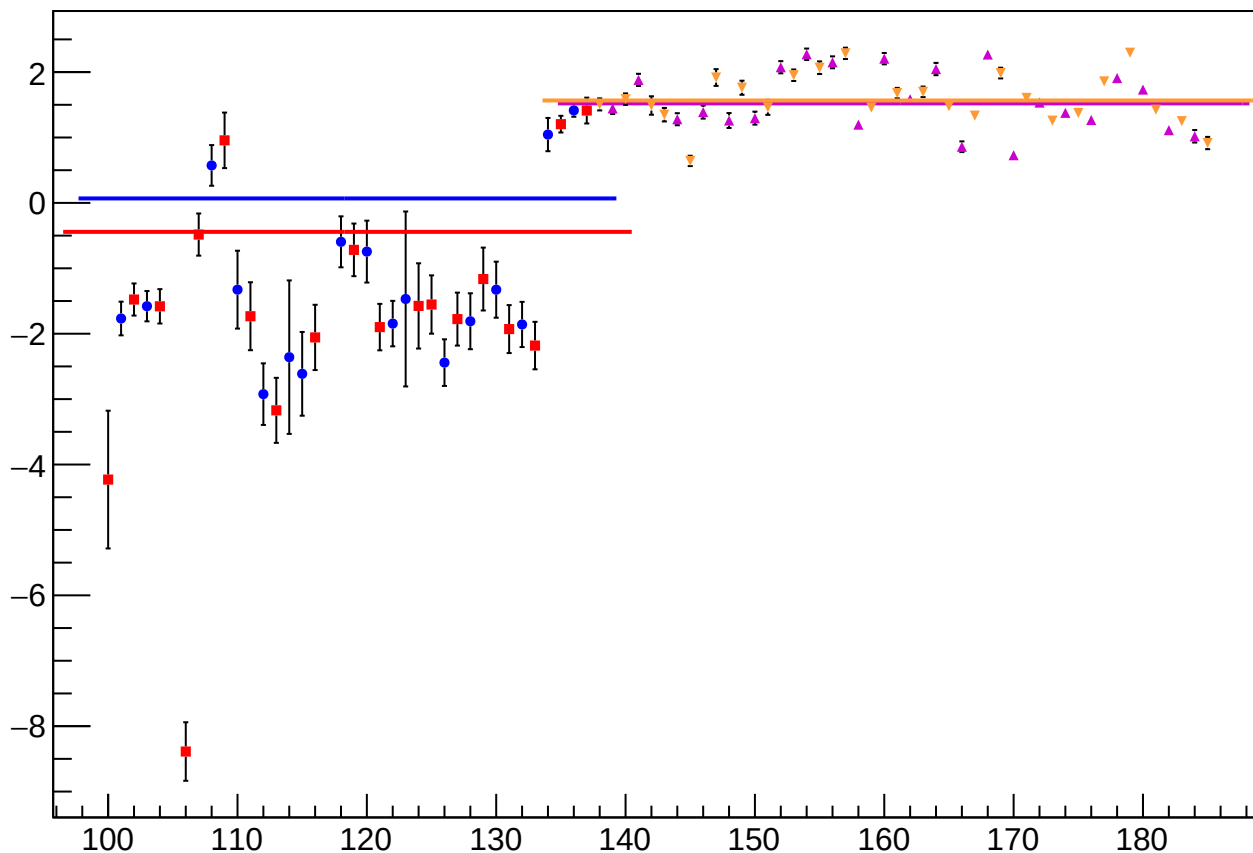
Right: -174.745+/-0.926 χ^2/NDF : 1431.2/35

In: -144.327+/-0.349 χ^2/NDF :2955.4/39

Out: -144.551+/-0.342 χ^2/NDF :2381.4/43

All: -144.441+/-0.244 χ^2/NDF : 5337.0/83

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 ± 0.067 χ^2/NDF : 525.9/16

Left Out: 1.566 ± 0.016 χ^2/NDF : 542.8/24

Right Out: -0.443 ± 0.071 χ^2/NDF : 755.9/18

Left In: 1.522 ± 0.016 χ^2/NDF : 739.1/22

Left: 1.544 ± 0.012 χ^2/NDF : 1285.6/47

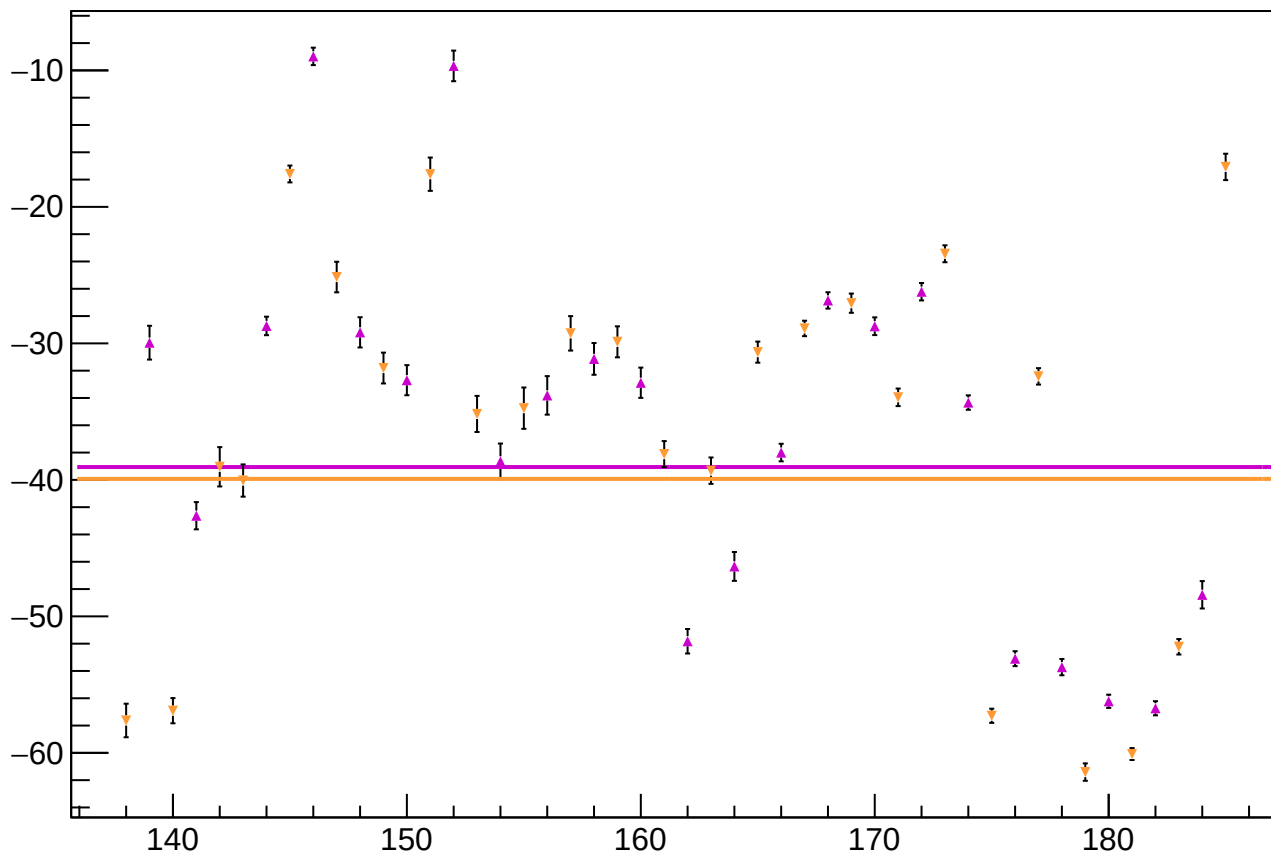
Right: -0.172 ± 0.049 χ^2/NDF : 1309.1/35

In: 1.439 ± 0.016 χ^2/NDF : 1708.9/39

Out: 1.467 ± 0.016 χ^2/NDF : 2057.9/43

All: 1.453 ± 0.011 χ^2/NDF : 3768.4/83

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: -39.928 $\pm$ 0.153 χ^2 /NDF:9807.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

Left: -39.496 $\pm$ 0.109 χ^2 /NDF: 18400.3/47

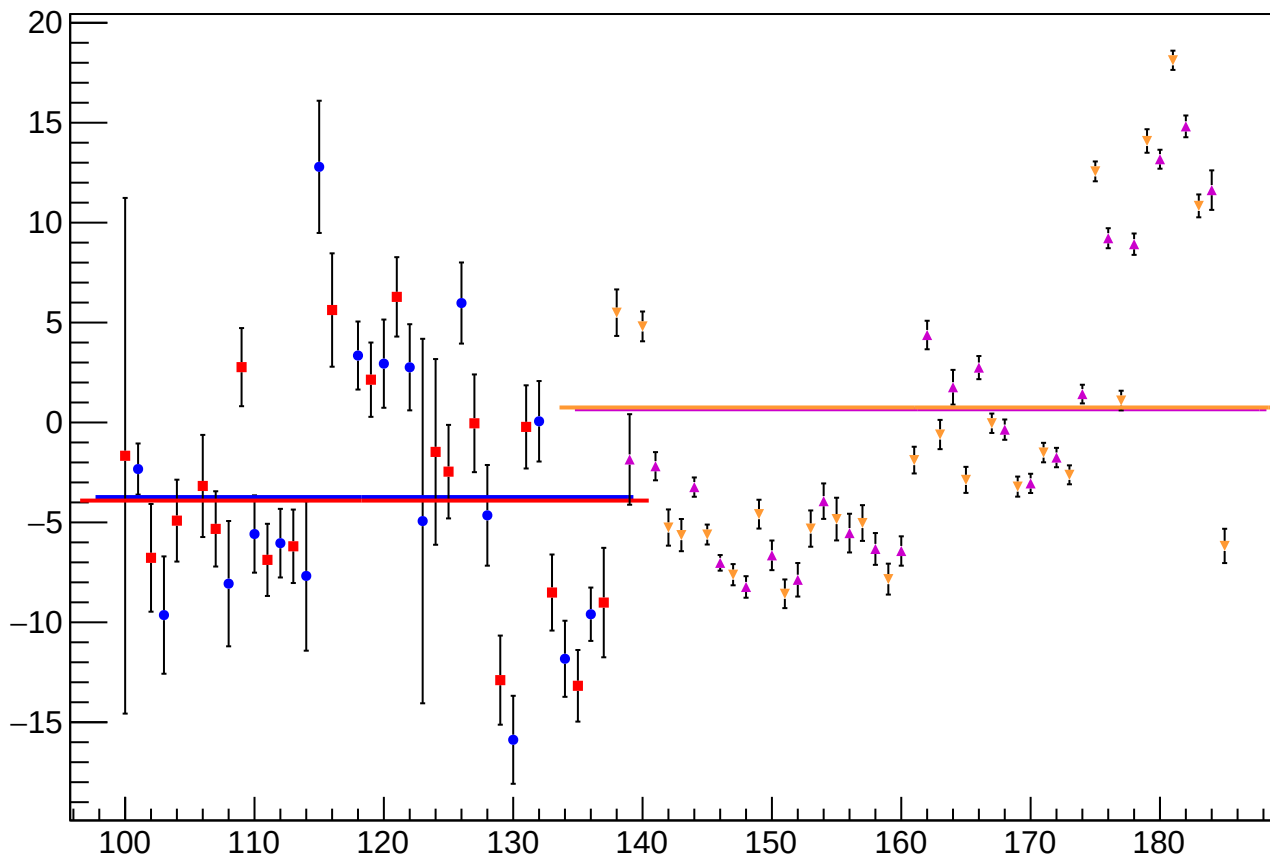
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -39.060 $\pm$ 0.154 χ^2 /NDF:8577.0/22

Out: -39.928 $\pm$ 0.153 χ^2 /NDF:9807.4/24

All: -39.496 $\pm$ 0.109 χ^2 /NDF: 18400.3/47

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.750 ± 0.124 χ^2/NDF : 3970.7/24

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: 0.662 ± 0.124 χ^2/NDF : 3340.9/22

Left: 0.706 ± 0.088 χ^2/NDF : 7311.9/47

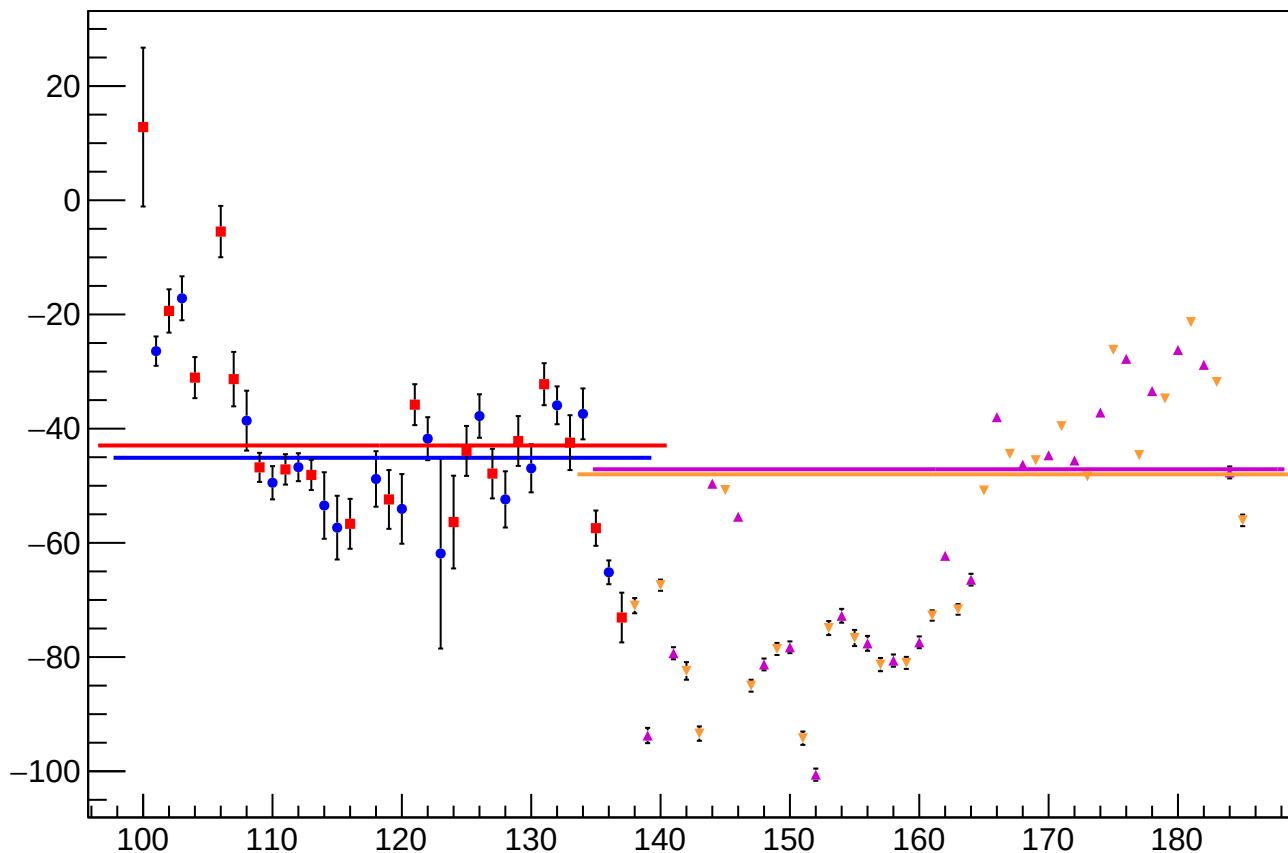
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: 0.404 ± 0.120 χ^2/NDF : 3580.6/39

Out: 0.486 ± 0.121 χ^2/NDF : 4175.3/43

All: 0.445 ± 0.085 χ^2/NDF : 7756.1/83

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -47.998 ± 0.155 χ^2/NDF : 16952.2/24

Right Out: -42.944 ± 0.877 χ^2/NDF : 249.1/18

Left In: -47.112 ± 0.155 χ^2/NDF : 15654.8/22

Left: -47.556 ± 0.109 χ^2/NDF : 32623.4/47

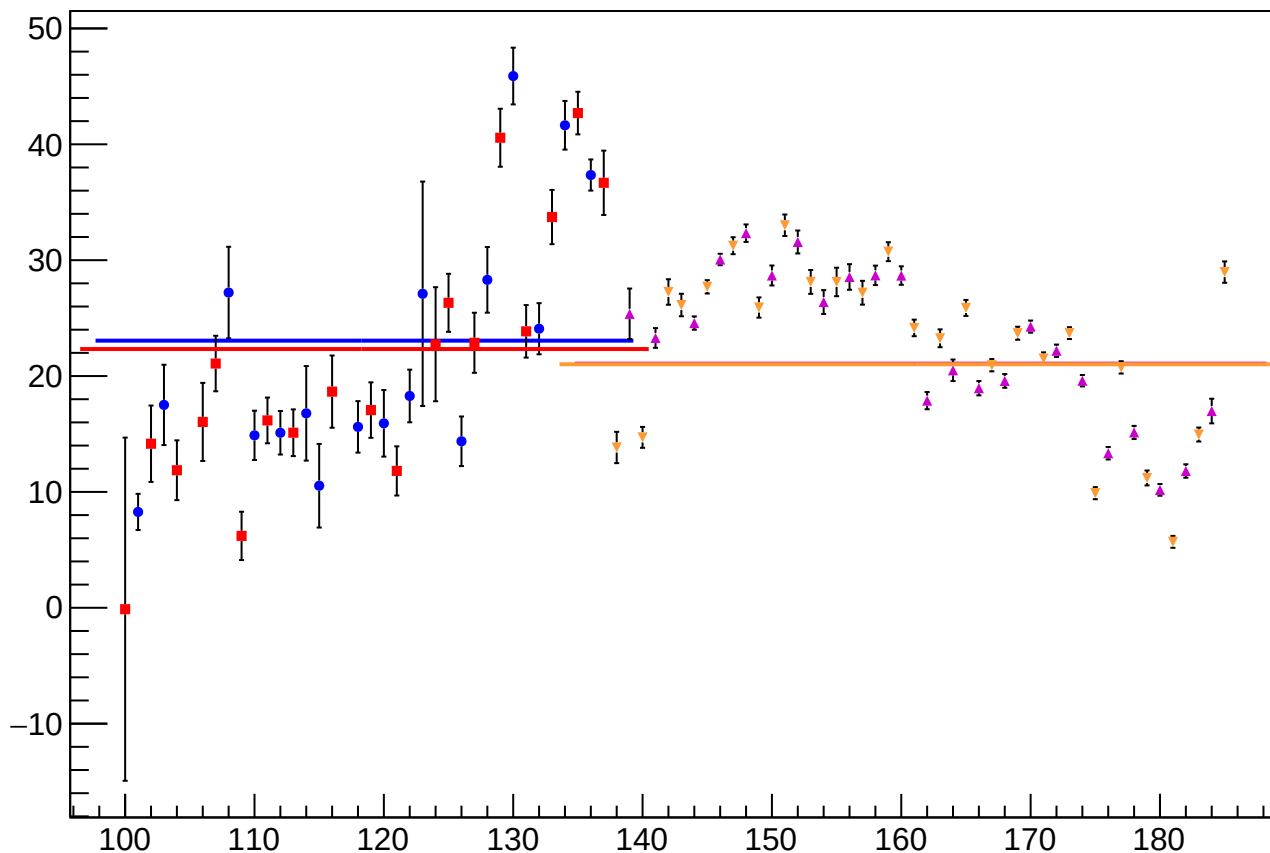
Right: -44.017 ± 0.622 χ^2/NDF : 482.6/35

In: -47.053 ± 0.152 χ^2/NDF : 15890.4/39

Out: -47.846 ± 0.152 χ^2/NDF : 17233.5/43

All: -47.450 ± 0.108 χ^2/NDF : 33137.4/83

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055+/-0.557 χ^2/NDF : 461.1/16

Left Out: 21.018+/-0.139 χ^2/NDF : 2799.3/24

Right Out: 22.331+/-0.572 χ^2/NDF : 371.1/18

Left In: 21.069+/-0.139 χ^2/NDF : 2176.7/22

Left: 21.043+/-0.098 χ^2/NDF : 4976.1/47

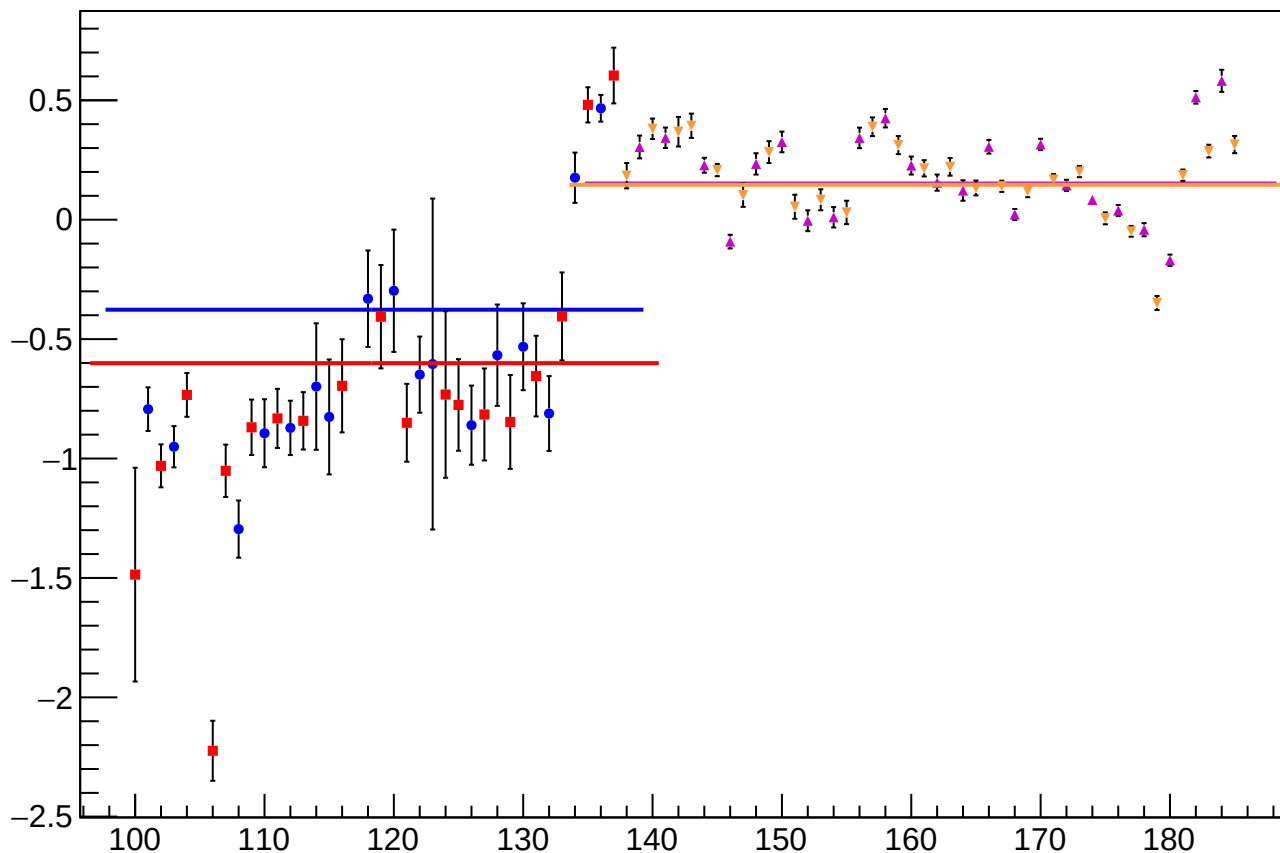
Right: 22.703+/-0.399 χ^2/NDF : 833.0/35

In: 21.186+/-0.135 χ^2/NDF : 2649.8/39

Out: 21.091+/-0.135 χ^2/NDF : 3175.3/43

All: 21.138+/-0.095 χ^2/NDF : 5825.4/83

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: 0.146 ± 0.006 $\chi^2/\text{NDF}: 610.2/24$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.151 ± 0.006 $\chi^2/\text{NDF}: 873.9/22$

Left: 0.149 ± 0.004 $\chi^2/\text{NDF}: 1484.5/47$

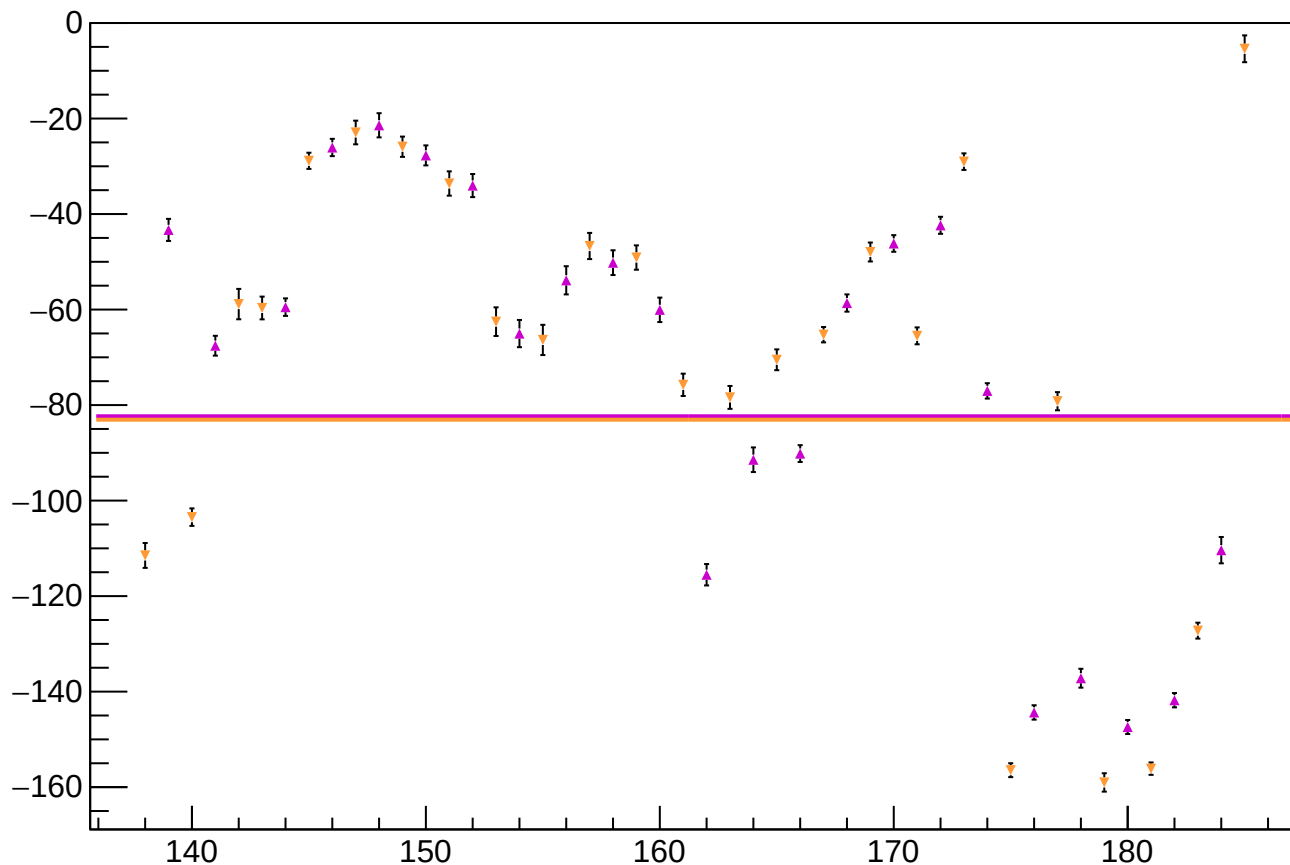
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.129 ± 0.006 $\chi^2/\text{NDF}: 1606.1/39$

Out: 0.115 ± 0.006 $\chi^2/\text{NDF}: 1752.2/43$

All: 0.122 ± 0.004 $\chi^2/\text{NDF}: 3360.7/83$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.060+/-0.406 χ^2/NDF :13817.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Left: -82.707+/-0.290 χ^2/NDF : 24773.8/47

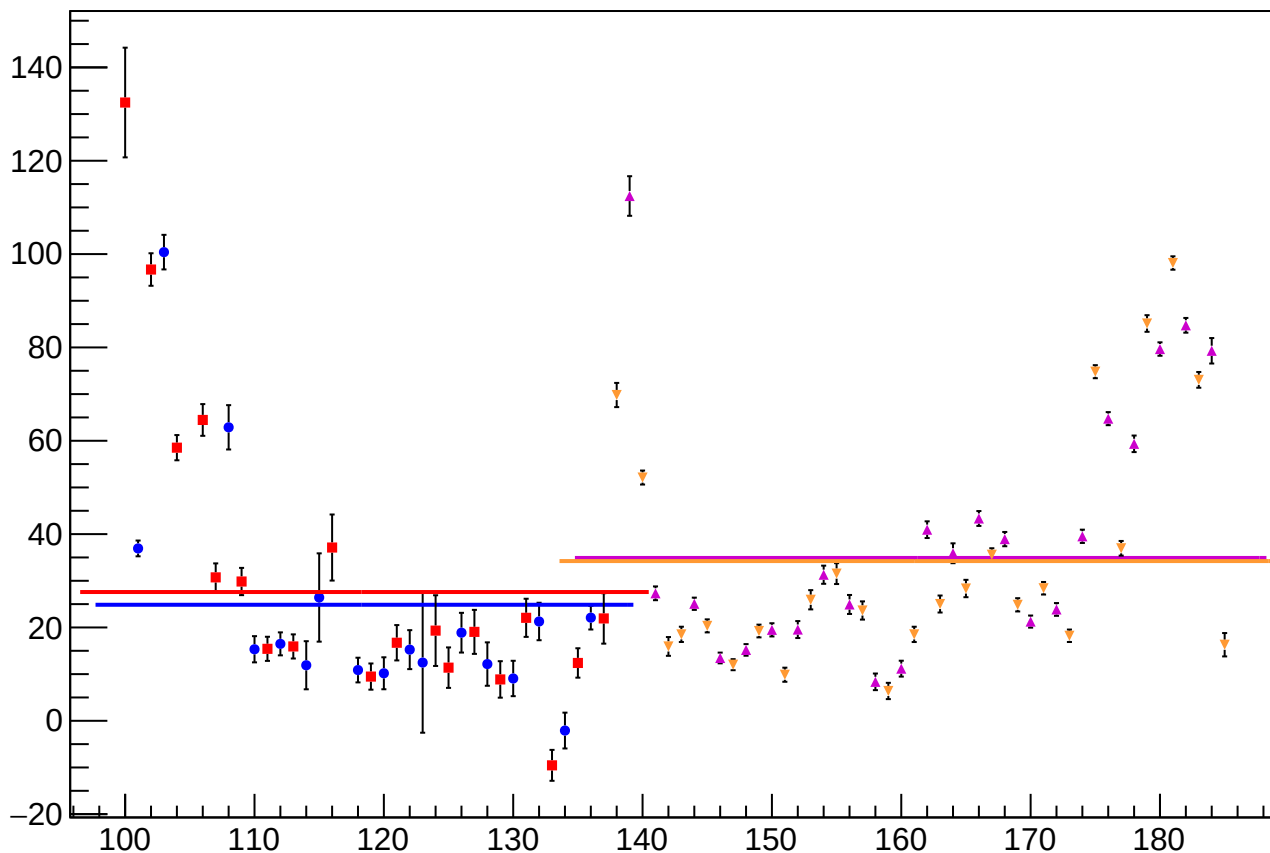
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -82.342+/-0.413 χ^2/NDF :10954.9/22

Out: -83.060+/-0.406 χ^2/NDF :13817.4/24

All: -82.707+/-0.290 χ^2/NDF : 24773.8/47

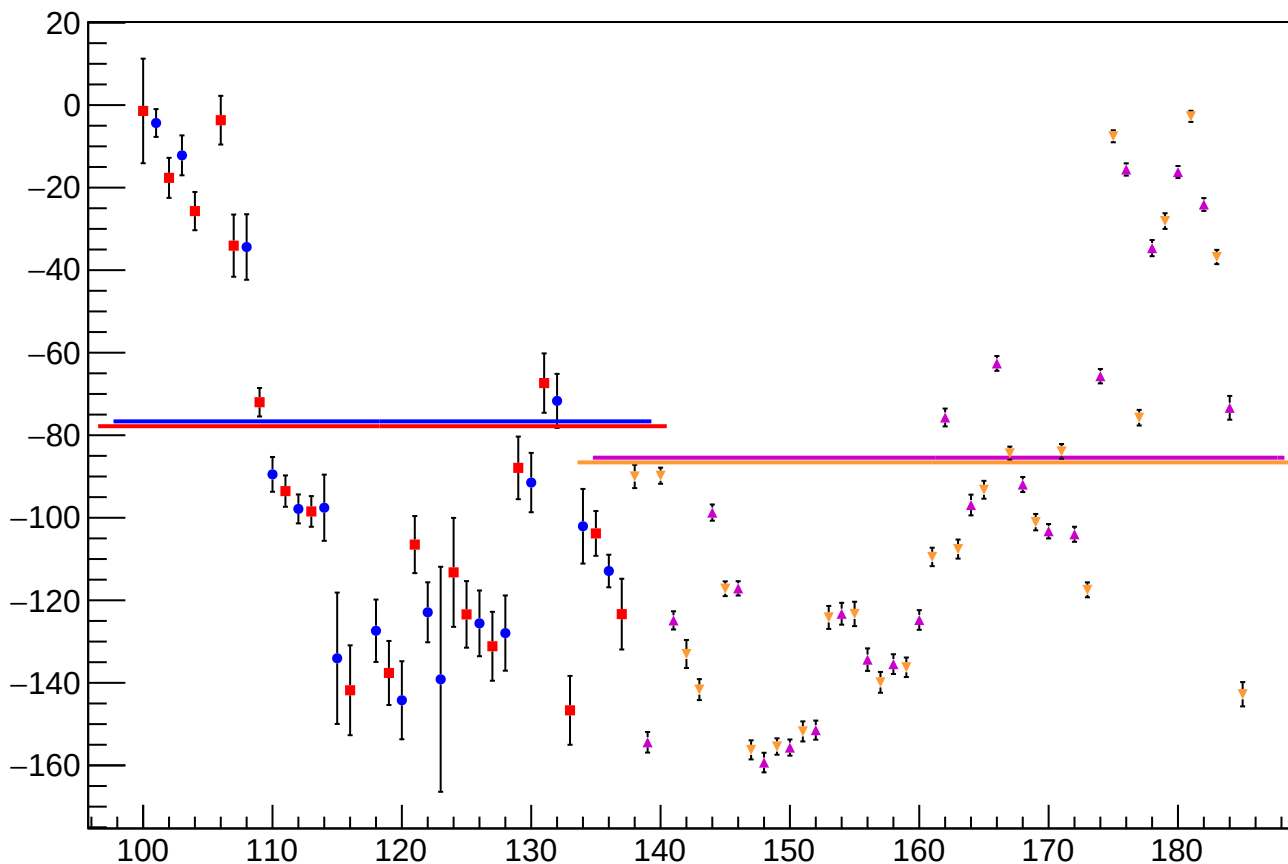
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 34.225 $\pm$ 0.320 χ^2 /NDF: 6192.7/24
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 34.893 $\pm$ 0.328 χ^2 /NDF: 4754.6/22

Left: 34.551 $\pm$ 0.229 χ^2 /NDF: 10949.4/47
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 33.454 $\pm$ 0.304 χ^2 /NDF: 5579.6/39
 Out: 33.329 $\pm$ 0.298 χ^2 /NDF: 7261.7/43
 All: 33.390 $\pm$ 0.213 χ^2 /NDF: 12841.4/83

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -86.584 ± 0.408 χ^2/NDF : 14515.9/24

Right Out: -77.815 ± 1.352 χ^2/NDF : 873.3/18

Left In: -85.441 ± 0.413 χ^2/NDF : 12998.9/22

Left: -86.019 ± 0.290 χ^2/NDF : 27518.7/47

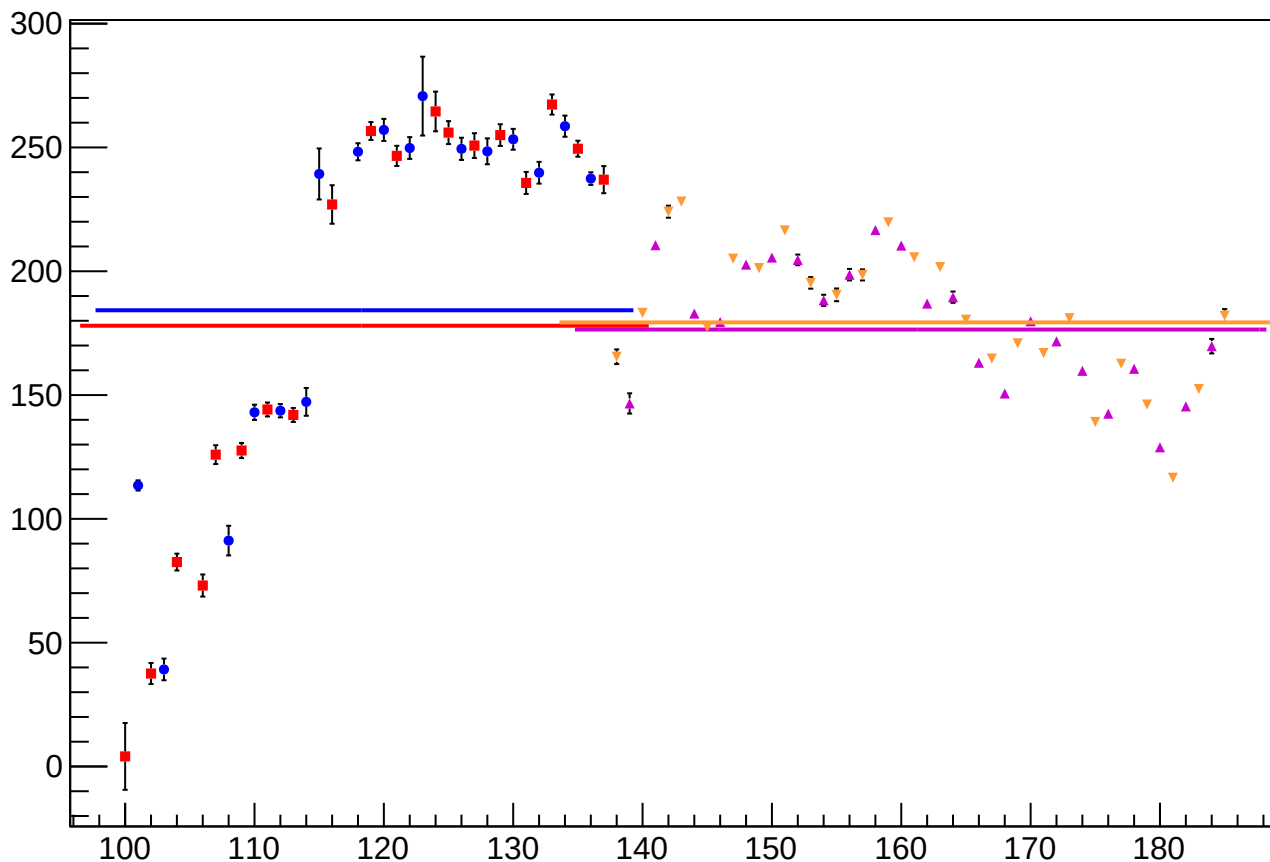
Right: -77.254 ± 0.978 χ^2/NDF : 1914.4/35

In: -84.749 ± 0.397 χ^2/NDF : 14075.2/39

Out: -85.851 ± 0.391 χ^2/NDF : 15427.7/43

All: -85.308 ± 0.278 χ^2/NDF : 29506.9/83

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 179.340 $\pm$ 0.362 χ^2 /NDF: 5985.1/24

Right Out: 178.003 $\pm$ 0.924 χ^2 /NDF: 6338.0/18

Left In: 176.449 $\pm$ 0.370 χ^2 /NDF: 4442.1/22

Left: 177.926 $\pm$ 0.259 χ^2 /NDF: 10458.5/47

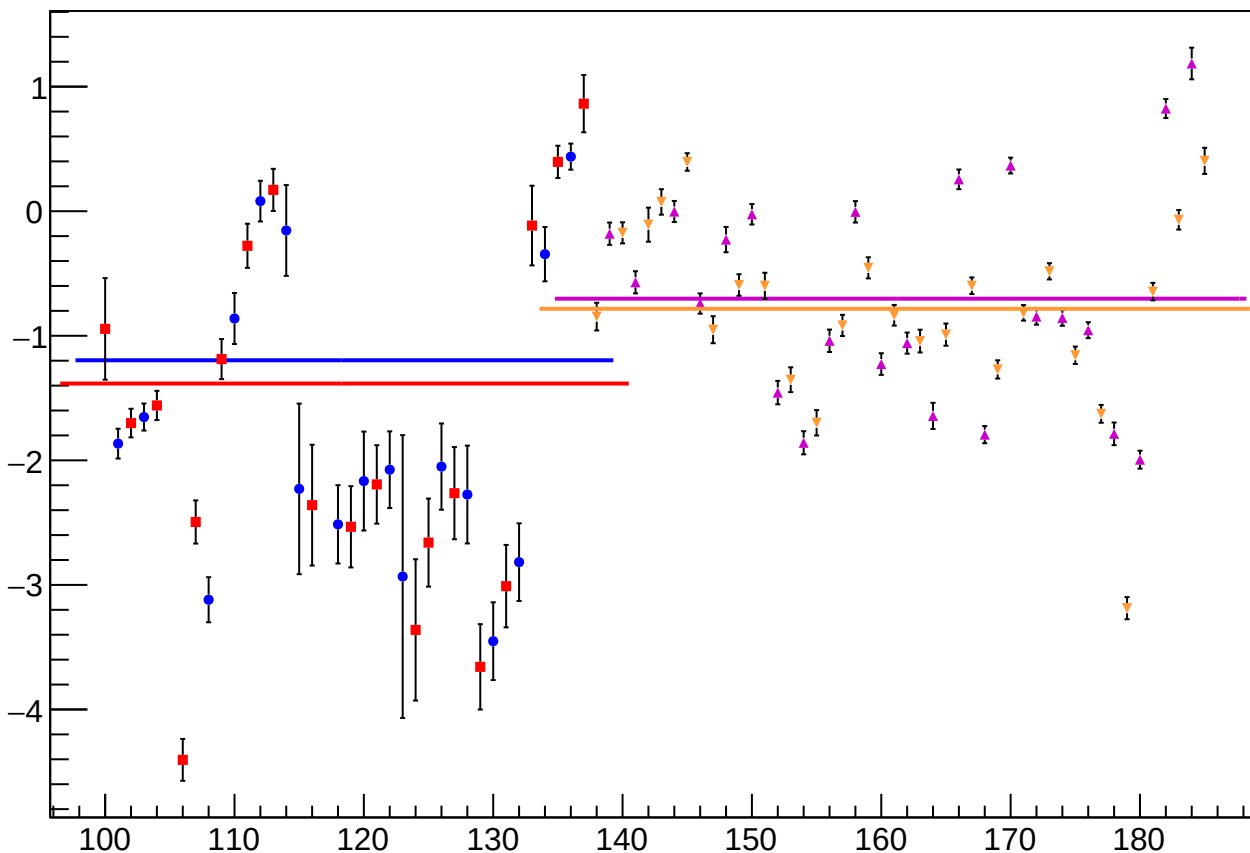
Right: 181.152 $\pm$ 0.650 χ^2 /NDF: 11749.6/35

In: 177.542 $\pm$ 0.343 χ^2 /NDF: 9893.1/39

Out: 179.162 $\pm$ 0.337 χ^2 /NDF: 12324.9/43

All: 178.366 $\pm$ 0.240 χ^2 /NDF: 22229.4/83

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.783 ± 0.017 χ^2/NDF : 1771.8/24

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.702 ± 0.017 χ^2/NDF : 2421.3/22

Left: -0.743 ± 0.012 χ^2/NDF : 4204.9/47

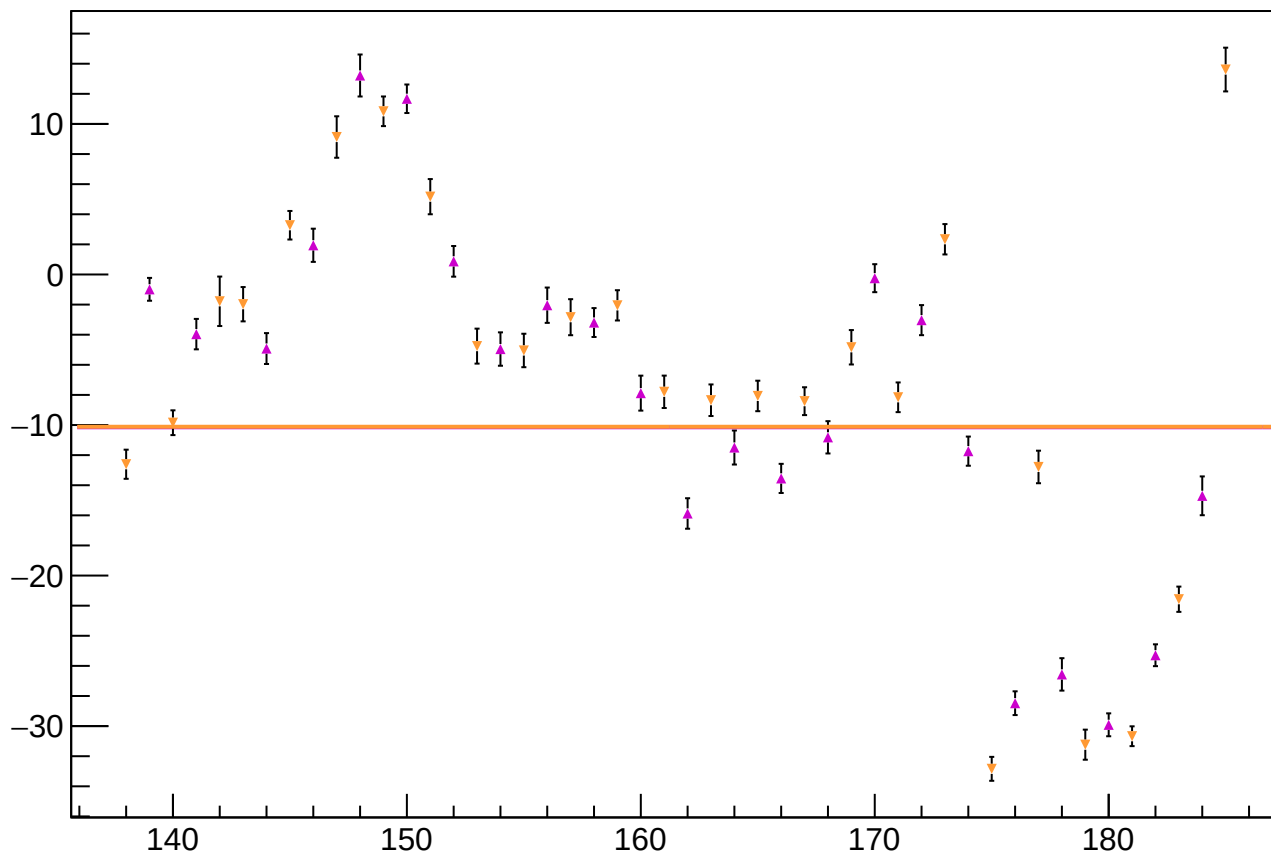
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.756 ± 0.016 χ^2/NDF : 3136.9/39

Out: -0.853 ± 0.016 χ^2/NDF : 2847.2/43

All: -0.805 ± 0.011 χ^2/NDF : 6003.1/83

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.116+/-0.201 χ^2/NDF :4138.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Left: -10.132+/-0.143 χ^2/NDF : 7630.0/47

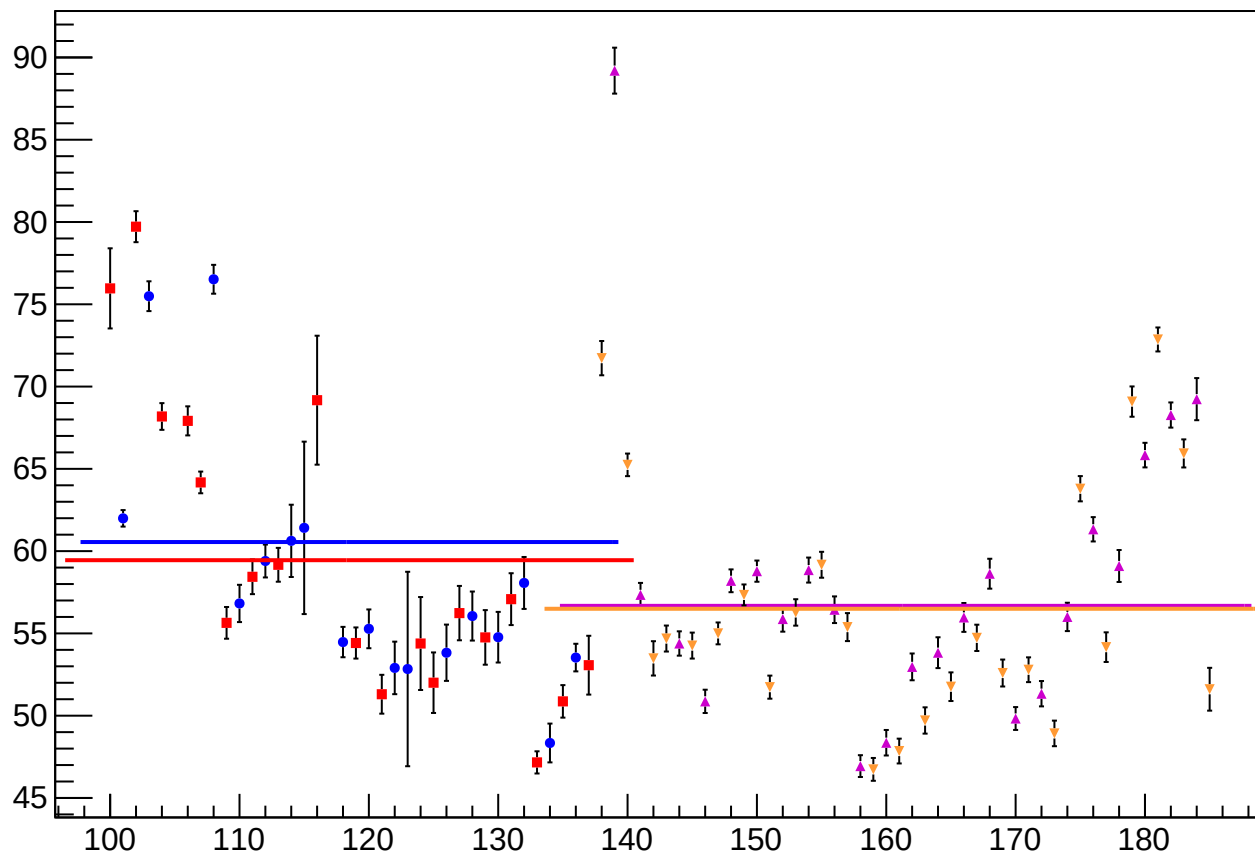
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -10.149+/-0.204 χ^2/NDF :3491.7/22

Out: -10.116+/-0.201 χ^2/NDF :4138.2/24

All: -10.132+/-0.143 χ^2/NDF : 7630.0/47

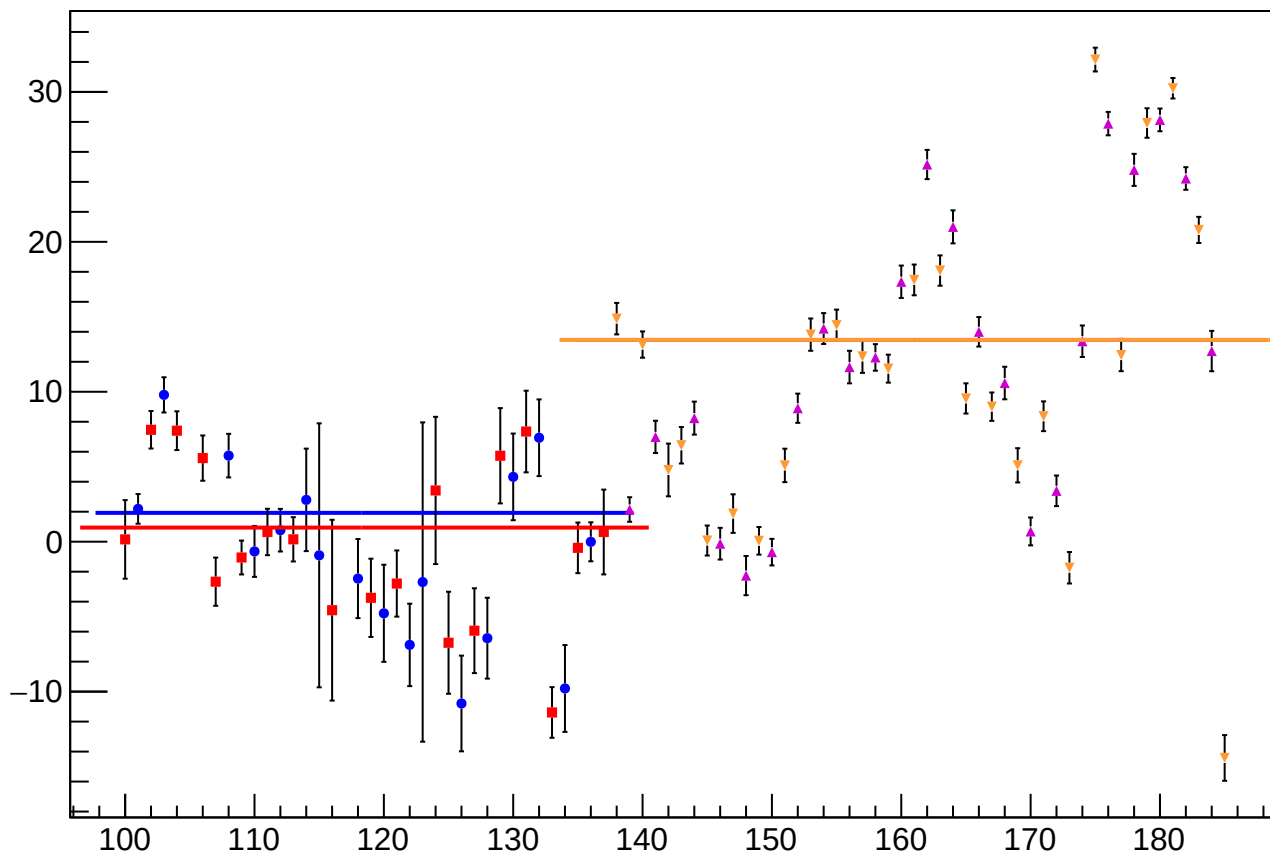
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2 /NDF: 931.0/16
 Left Out: 56.497 $\pm$ 0.159 χ^2 /NDF:1967.8/24
 Right Out: 59.449 $\pm$ 0.248 χ^2 /NDF: 1321.3/18
 Left In: 56.674 $\pm$ 0.165 χ^2 /NDF:1679.8/22

Left: 56.582 $\pm$ 0.114 χ^2 /NDF: 3648.2/47
 Right: 59.970 $\pm$ 0.180 χ^2 /NDF: 2261.6/35
 In: 57.774 $\pm$ 0.139 χ^2 /NDF:2768.0/39
 Out: 57.357 $\pm$ 0.134 χ^2 /NDF:3389.8/43
 All: 57.557 $\pm$ 0.096 χ^2 /NDF: 6162.5/83

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 13.460 ± 0.201 $\chi^2/\text{NDF}: 2736.6/24$

Right Out: 0.941 ± 0.424 $\chi^2/\text{NDF}: 150.2/18$

Left In: 13.456 ± 0.203 $\chi^2/\text{NDF}: 2371.9/22$

Left: 13.458 ± 0.143 $\chi^2/\text{NDF}: 5108.5/47$

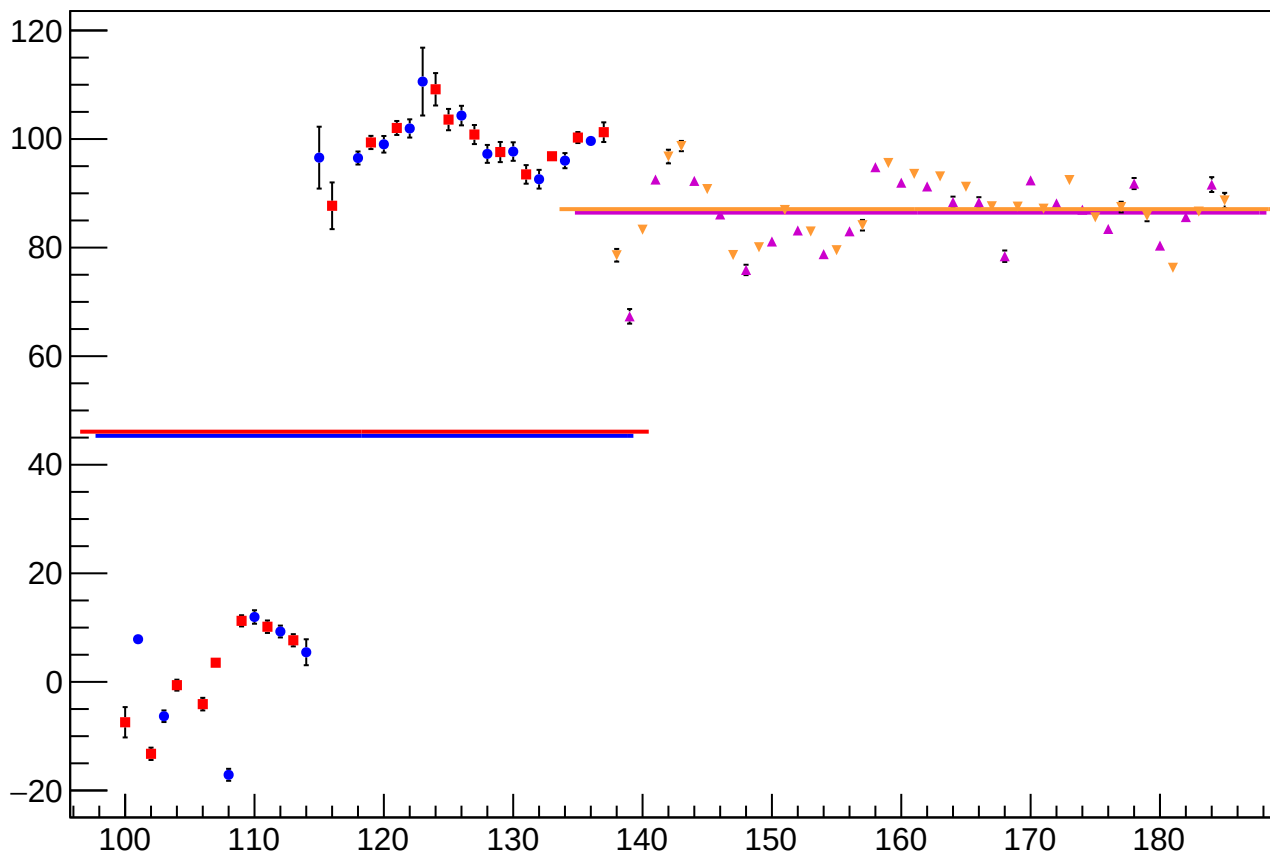
Right: 1.394 ± 0.311 $\chi^2/\text{NDF}: 273.7/35$

In: 11.563 ± 0.186 $\chi^2/\text{NDF}: 3022.3/39$

Out: 11.154 ± 0.182 $\chi^2/\text{NDF}: 3598.0/43$

All: 11.355 ± 0.130 $\chi^2/\text{NDF}: 6622.8/83$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 87.085 $\pm$ 0.179 χ^2 /NDF:1085.8/24

Right Out: 46.094 $\pm$ 0.289 χ^2 /NDF: 28267.6/18

Left In: 86.443 $\pm$ 0.184 χ^2 /NDF:1038.6/22

Left: 86.773 $\pm$ 0.128 χ^2 /NDF: 2130.6/47

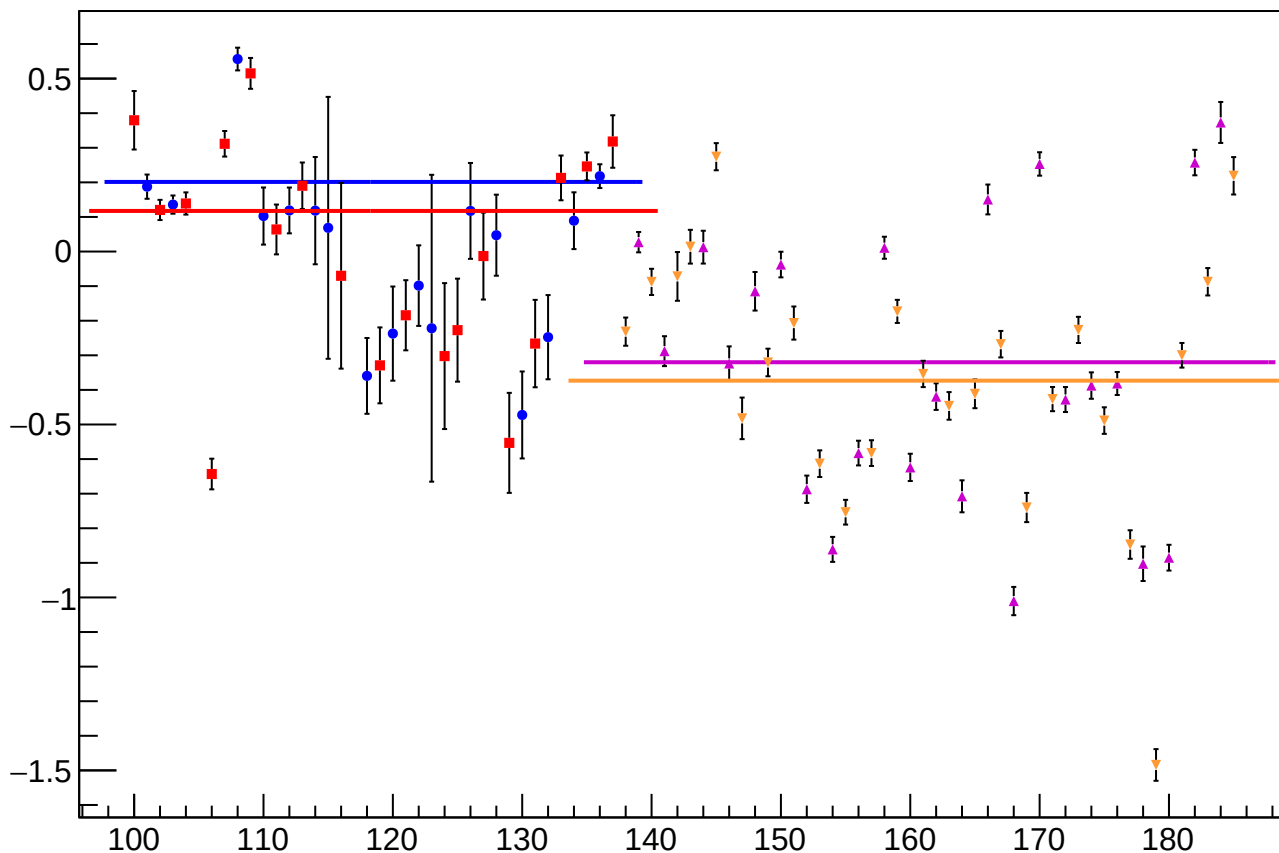
Right: 45.731 $\pm$ 0.209 χ^2 /NDF: 53277.7/35

In: 75.399 $\pm$ 0.157 χ^2 /NDF:39457.3/39

Out: 75.729 $\pm$ 0.152 χ^2 /NDF:43877.5/43

All: 75.570 $\pm$ 0.109 χ^2 /NDF: 83337.1/83

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.373 ± 0.008 χ^2/NDF : 1668.7/24

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.320 ± 0.008 χ^2/NDF : 2325.0/22

Left: -0.347 ± 0.006 χ^2/NDF : 4015.1/47

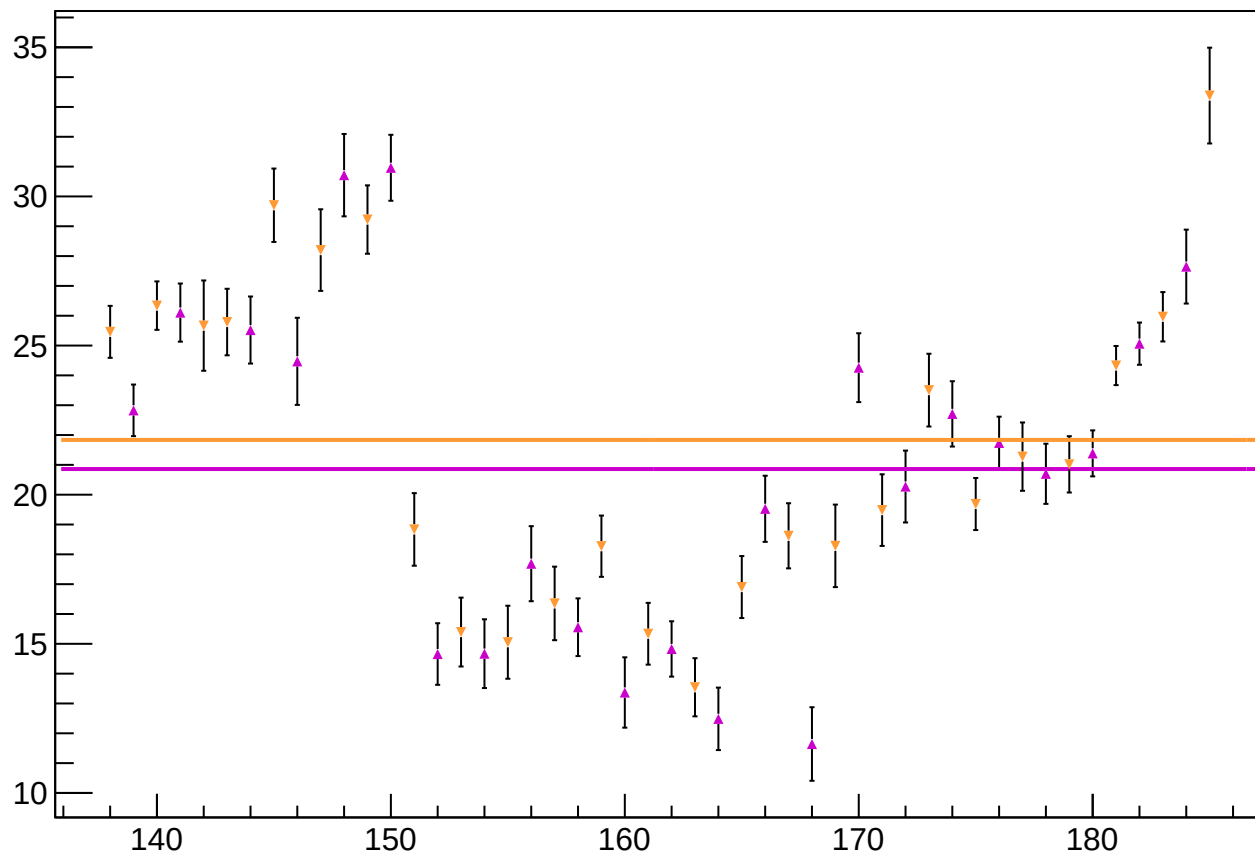
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.189 ± 0.007 χ^2/NDF : 3573.4/39

Out: -0.236 ± 0.007 χ^2/NDF : 3190.8/43

All: -0.213 ± 0.005 χ^2/NDF : 6786.8/83

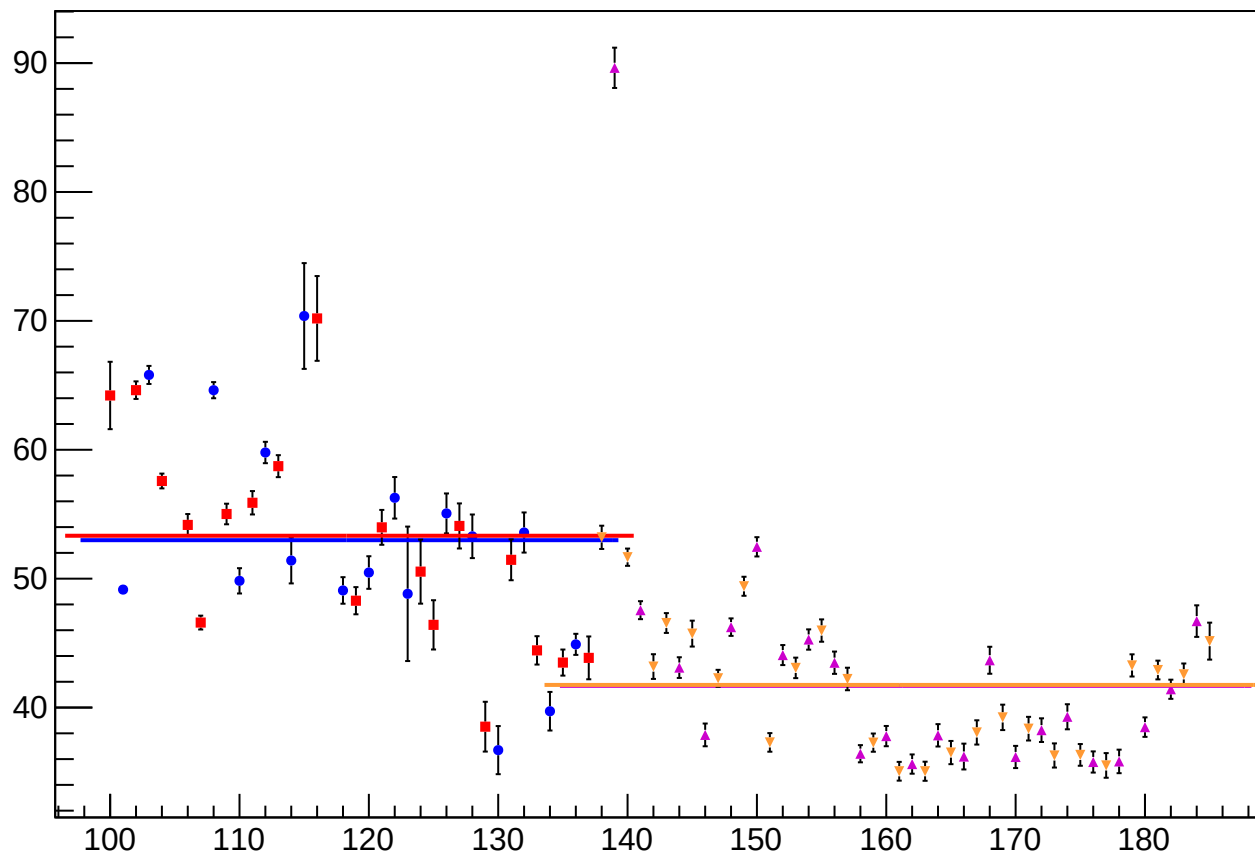
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.837 $\pm$ 0.210 χ^2 /NDF:524.1/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22

Left: 21.362 $\pm$ 0.150 χ^2 /NDF: 1110.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.860 $\pm$ 0.216 χ^2 /NDF:575.5/22
 Out: 21.837 $\pm$ 0.210 χ^2 /NDF:524.1/24
 All: 21.362 $\pm$ 0.150 χ^2 /NDF: 1110.2/47

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 41.755 $\pm$ 0.165 χ^2 /NDF:1015.9/24

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.682 $\pm$ 0.173 χ^2 /NDF:1715.9/22

Left: 41.721 $\pm$ 0.120 χ^2 /NDF: 2731.8/47

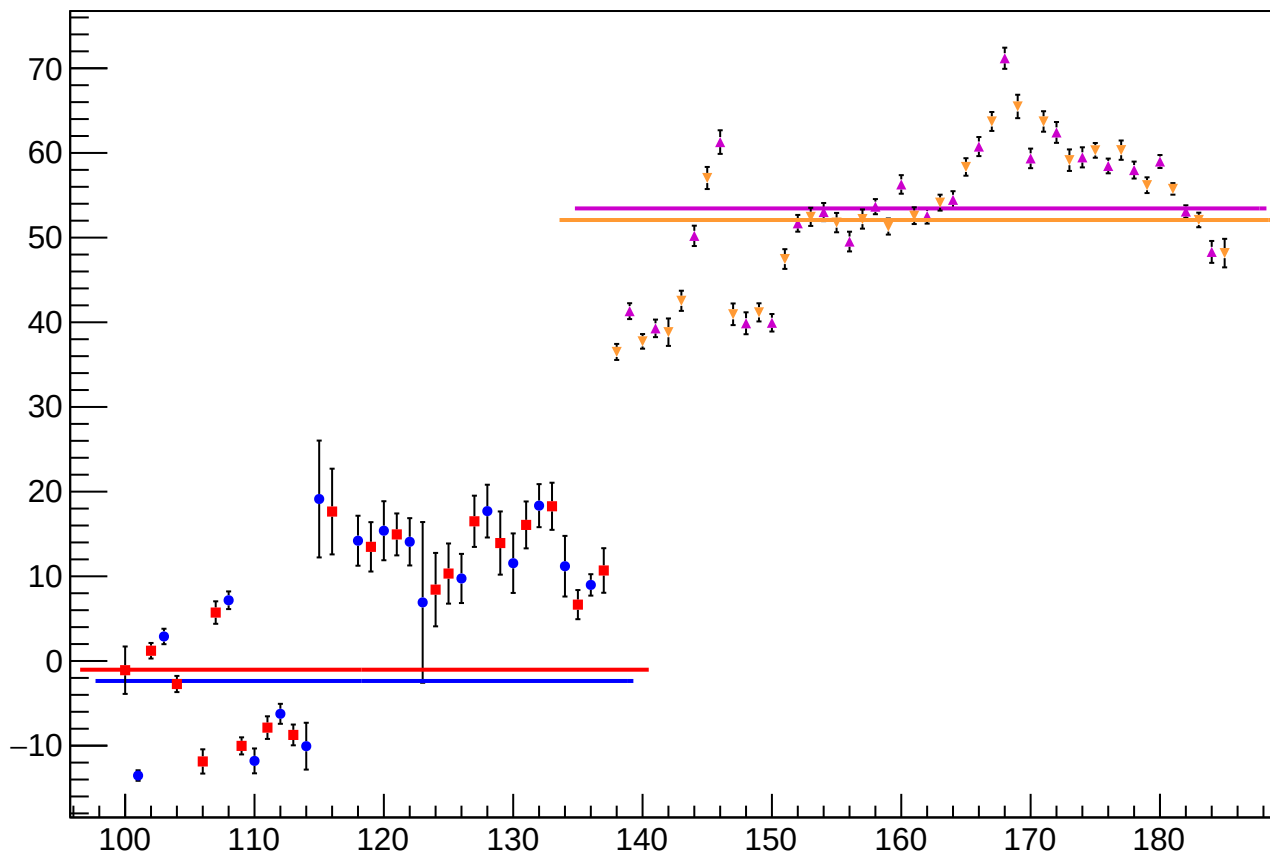
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.257 $\pm$ 0.134 χ^2 /NDF:4633.1/39

Out: 45.778 $\pm$ 0.134 χ^2 /NDF:3593.3/43

All: 46.017 $\pm$ 0.095 χ^2 /NDF: 8232.8/83

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.080 ± 0.210 χ^2/NDF : 1451.5/24

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.447 ± 0.214 χ^2/NDF : 1167.6/22

Left: 52.749 ± 0.150 χ^2/NDF : 2639.9/47

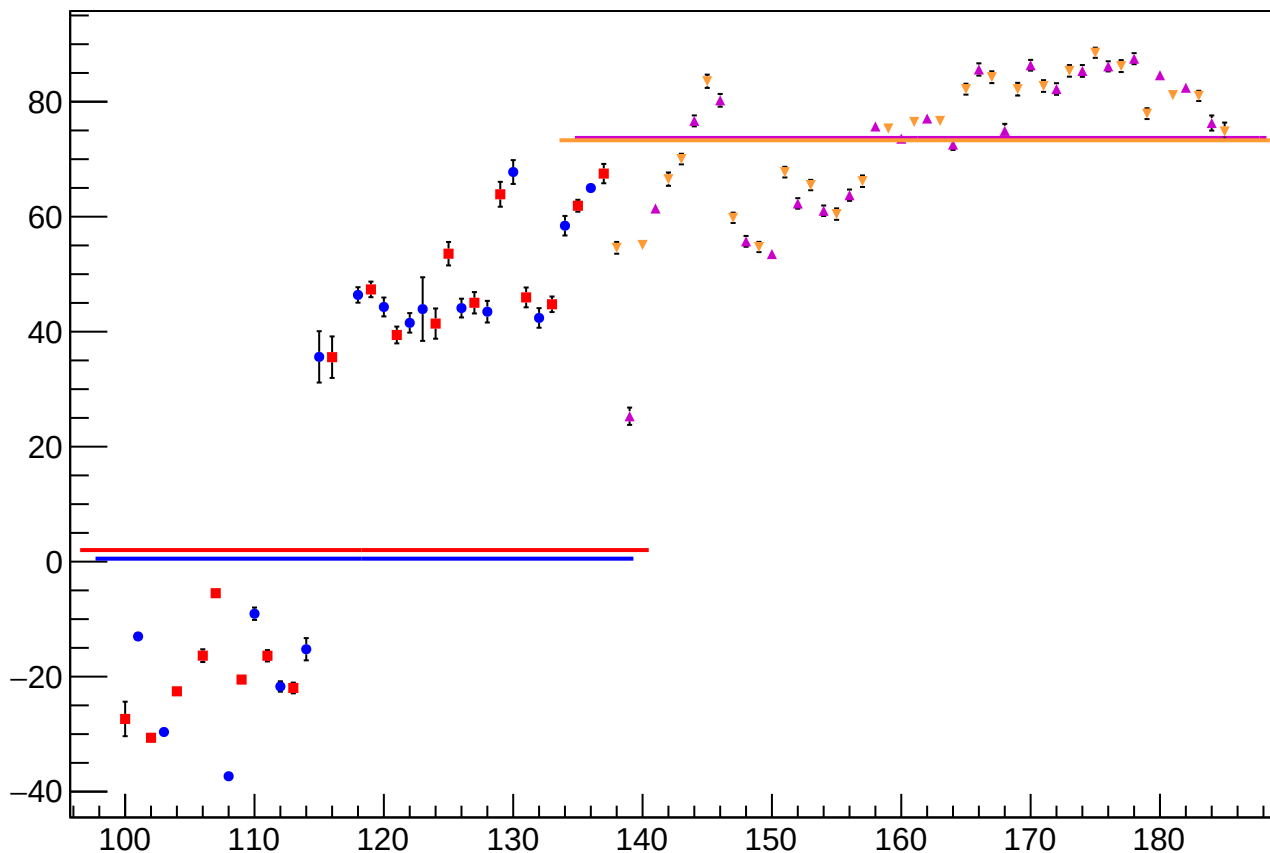
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 39.078 ± 0.185 χ^2/NDF : 19446.2/39

Out: 39.497 ± 0.183 χ^2/NDF : 17119.2/43

All: 39.289 ± 0.130 χ^2/NDF : 36568.0/83

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 73.289 ± 0.187 $\chi^2/\text{NDF}: 3145.7/24$

Right Out: 2.013 ± 0.266 $\chi^2/\text{NDF}: 15473.7/18$

Left In: 73.699 ± 0.194 $\chi^2/\text{NDF}: 3901.1/22$

Left: 73.486 ± 0.135 $\chi^2/\text{NDF}: 7049.1/47$

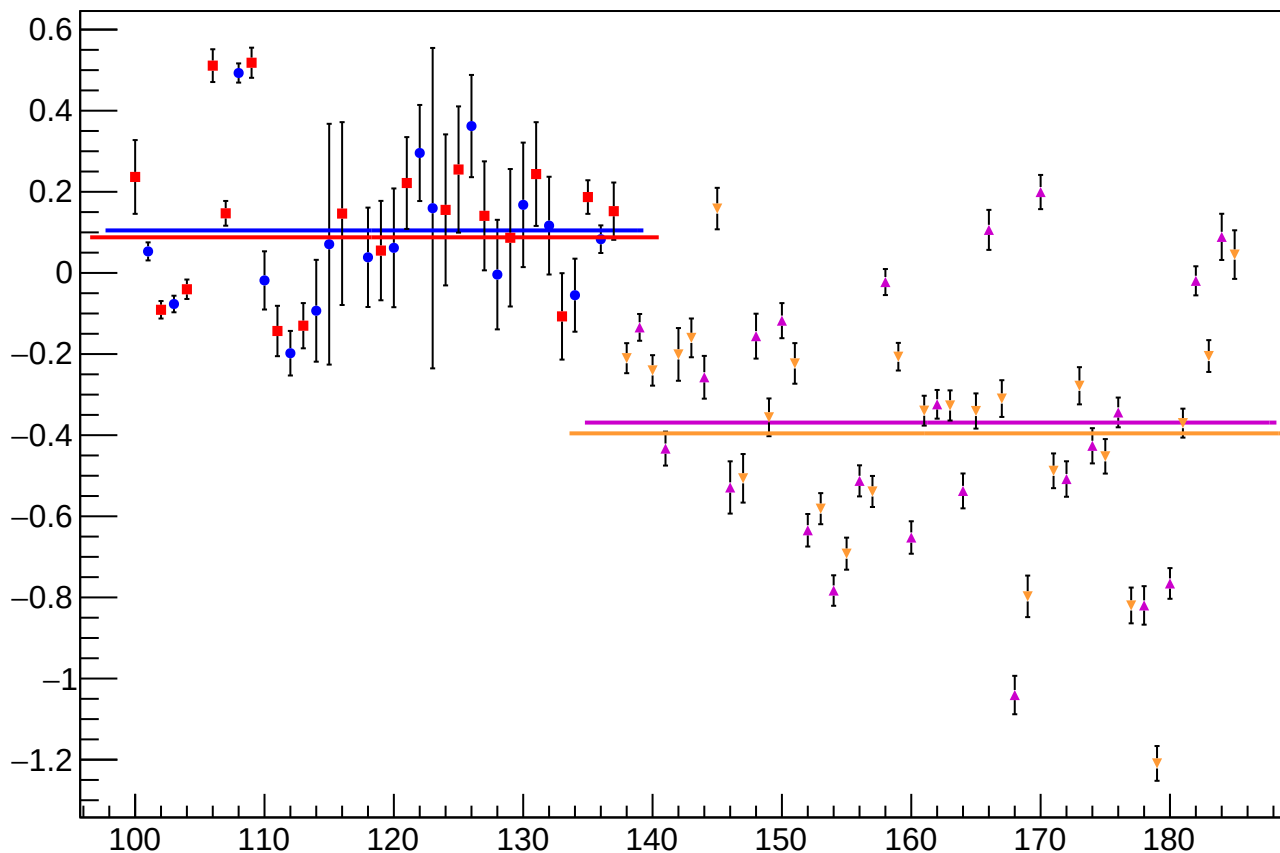
Right: 1.209 ± 0.181 $\chi^2/\text{NDF}: 33876.6/35$

In: 45.793 ± 0.152 $\chi^2/\text{NDF}: 76627.2/39$

Out: 49.789 ± 0.153 $\chi^2/\text{NDF}: 66620.7/43$

All: 47.785 ± 0.108 $\chi^2/\text{NDF}: 143590.2/83$

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: -0.396 ± 0.009 $\chi^2/\text{NDF}: 950.1/24$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.369 ± 0.009 $\chi^2/\text{NDF}: 1322.7/22$

Left: -0.382 ± 0.006 $\chi^2/\text{NDF}: 2277.6/47$

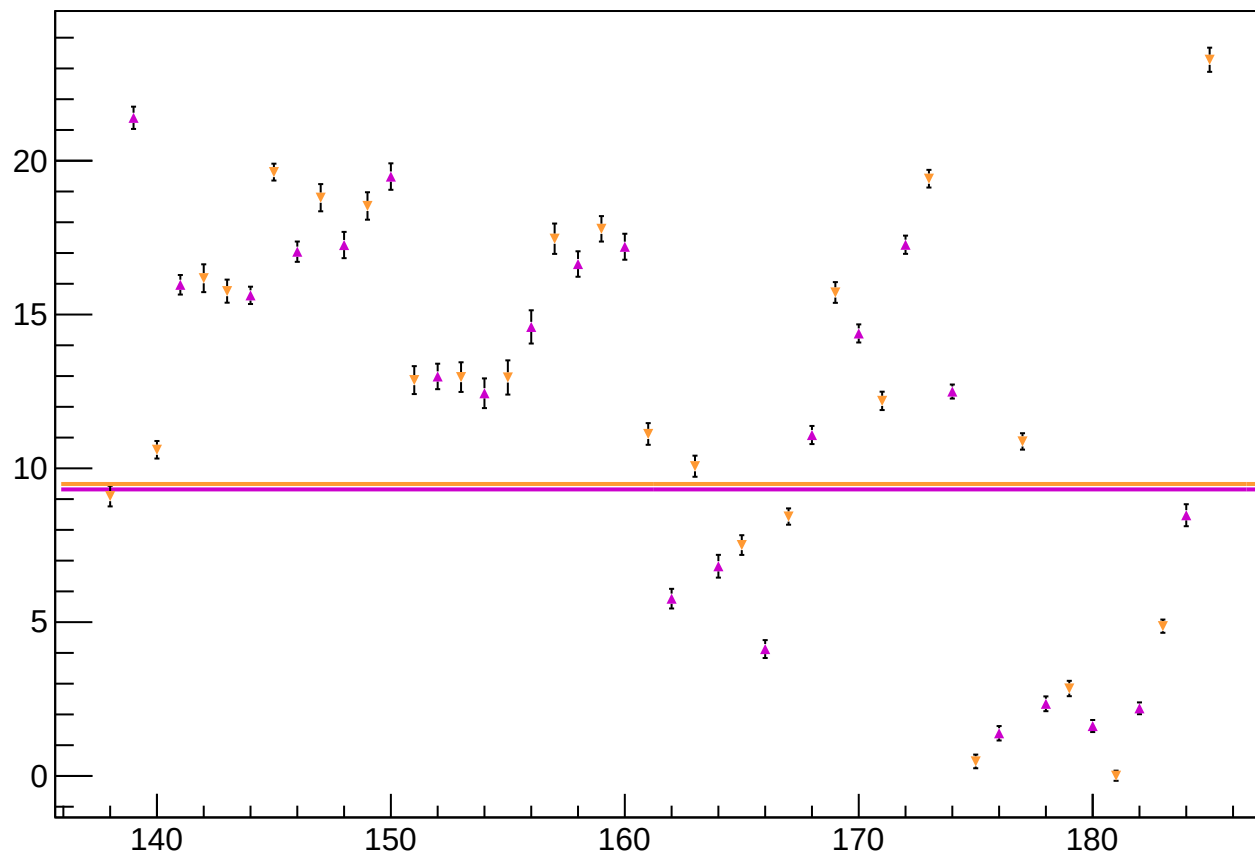
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.188 ± 0.007 $\chi^2/\text{NDF}: 2864.3/39$

Out: -0.214 ± 0.007 $\chi^2/\text{NDF}: 2545.4/43$

All: -0.201 ± 0.005 $\chi^2/\text{NDF}: 5416.6/83$

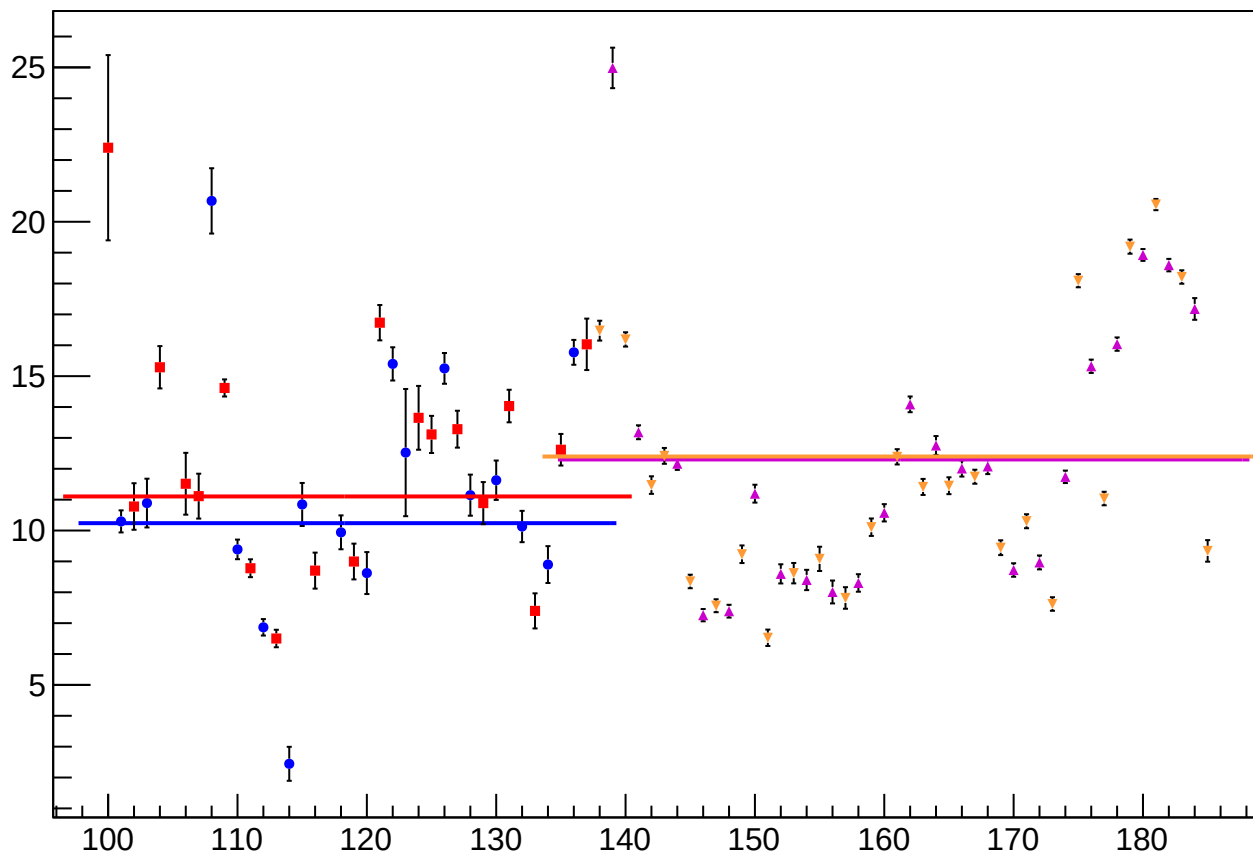
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.492 $\pm$ 0.061 χ^2 /NDF:12610.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22

Left: 9.406 $\pm$ 0.044 χ^2 /NDF: 23621.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.315 $\pm$ 0.063 χ^2 /NDF:11007.3/22
 Out: 9.492 $\pm$ 0.061 χ^2 /NDF:12610.3/24
 All: 9.406 $\pm$ 0.044 χ^2 /NDF: 23621.7/47

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 12.397 ± 0.050 $\chi^2/\text{NDF}: 7542.8/24$

Right Out: 11.104 ± 0.116 $\chi^2/\text{NDF}: 815.2/18$

Left In: 12.302 ± 0.051 $\chi^2/\text{NDF}: 5661.3/22$

Left: 12.351 ± 0.036 $\chi^2/\text{NDF}: 13205.8/47$

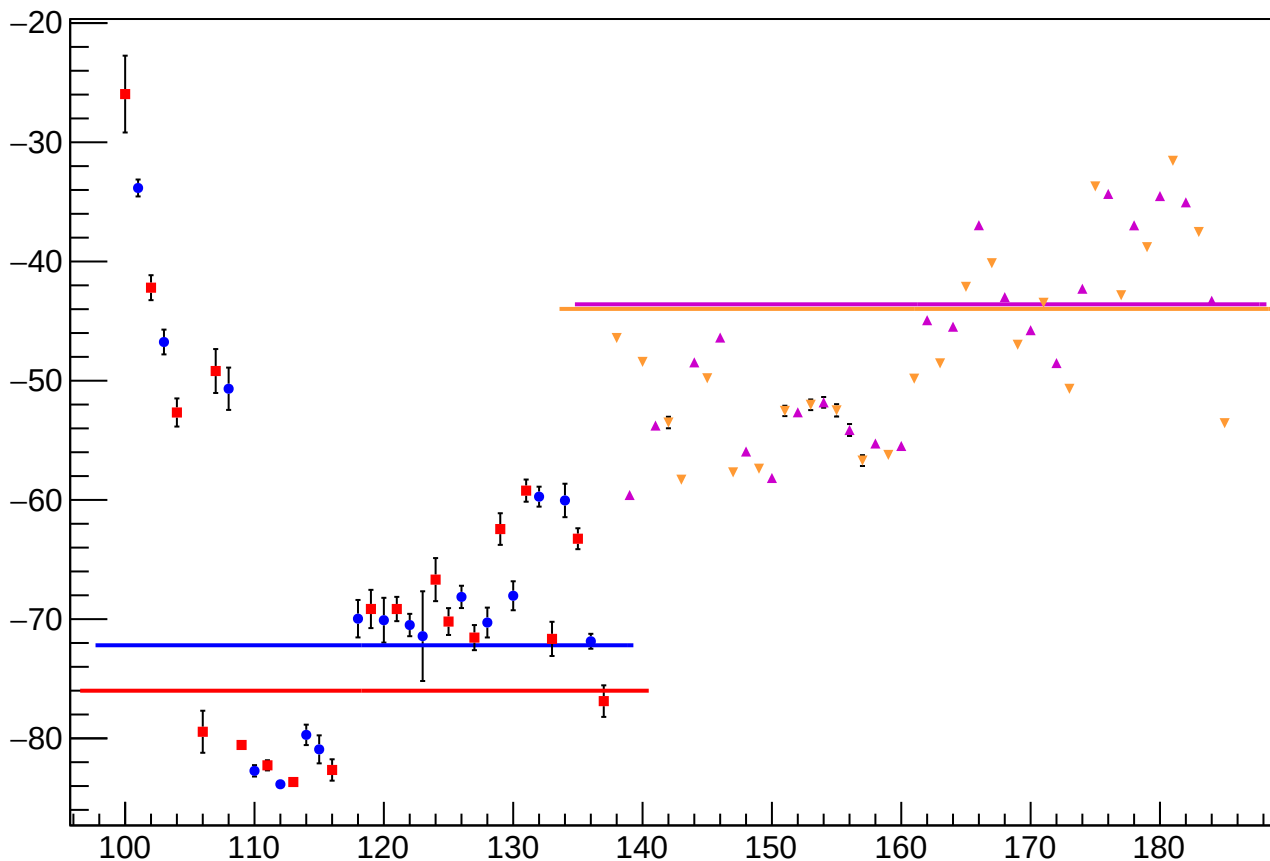
Right: 10.681 ± 0.083 $\chi^2/\text{NDF}: 1709.6/35$

In: 11.982 ± 0.047 $\chi^2/\text{NDF}: 6782.1/39$

Out: 12.198 ± 0.046 $\chi^2/\text{NDF}: 8462.4/43$

All: 12.093 ± 0.033 $\chi^2/\text{NDF}: 15255.4/83$

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -43.977 ± 0.062 $\chi^2/\text{NDF}: 17743.6/24$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -43.591 ± 0.063 $\chi^2/\text{NDF}: 15574.9/22$

Left: -43.788 ± 0.044 $\chi^2/\text{NDF}: 33337.5/47$

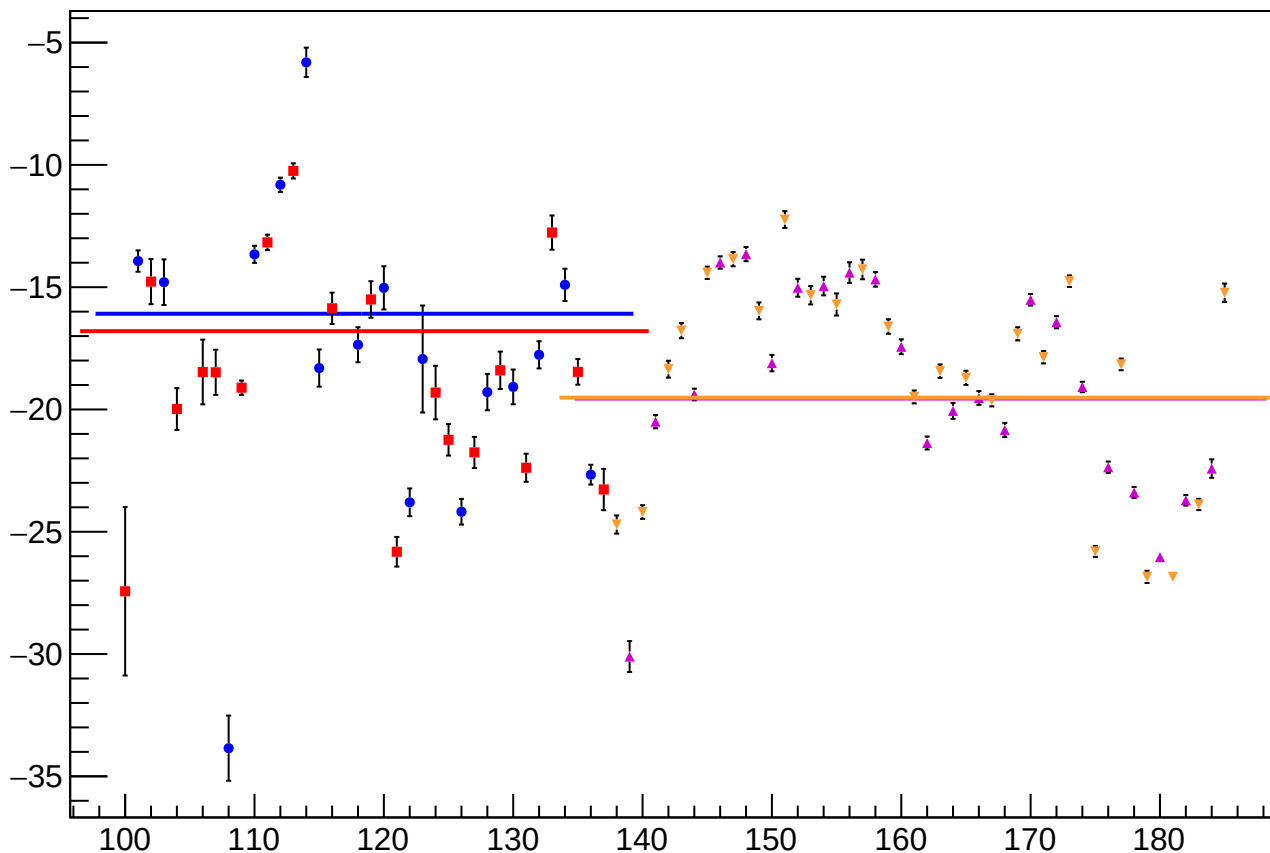
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -46.223 ± 0.060 $\chi^2/\text{NDF}: 40057.7/39$

Out: -47.333 ± 0.059 $\chi^2/\text{NDF}: 49251.9/43$

All: -46.792 ± 0.042 $\chi^2/\text{NDF}: 89484.8/83$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -19.518 ± 0.056 $\chi^2/\text{NDF}: 6518.3/24$

Right Out: -16.798 ± 0.128 $\chi^2/\text{NDF}: 1214.0/18$

Left In: -19.552 ± 0.057 $\chi^2/\text{NDF}: 4359.1/22$

Left: -19.535 ± 0.040 $\chi^2/\text{NDF}: 10877.5/47$

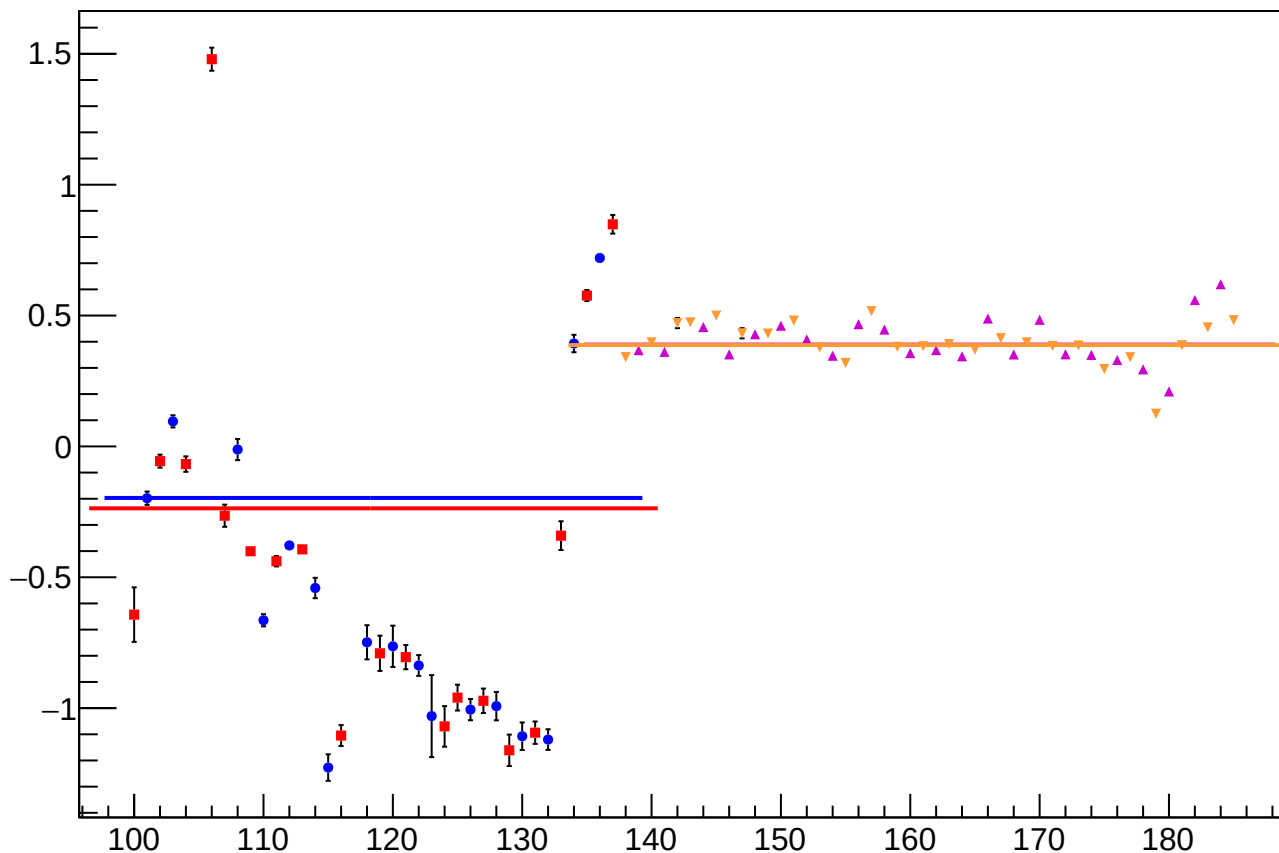
Right: -16.454 ± 0.092 $\chi^2/\text{NDF}: 2850.6/35$

In: -19.008 ± 0.052 $\chi^2/\text{NDF}: 6558.2/39$

Out: -19.085 ± 0.051 $\chi^2/\text{NDF}: 8111.1/43$

All: -19.048 ± 0.037 $\chi^2/\text{NDF}: 14670.4/83$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.387 ± 0.003 χ^2/NDF : 995.2/24

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.389 ± 0.003 χ^2/NDF : 1257.1/22

Left: 0.388 ± 0.002 χ^2/NDF : 2252.5/47

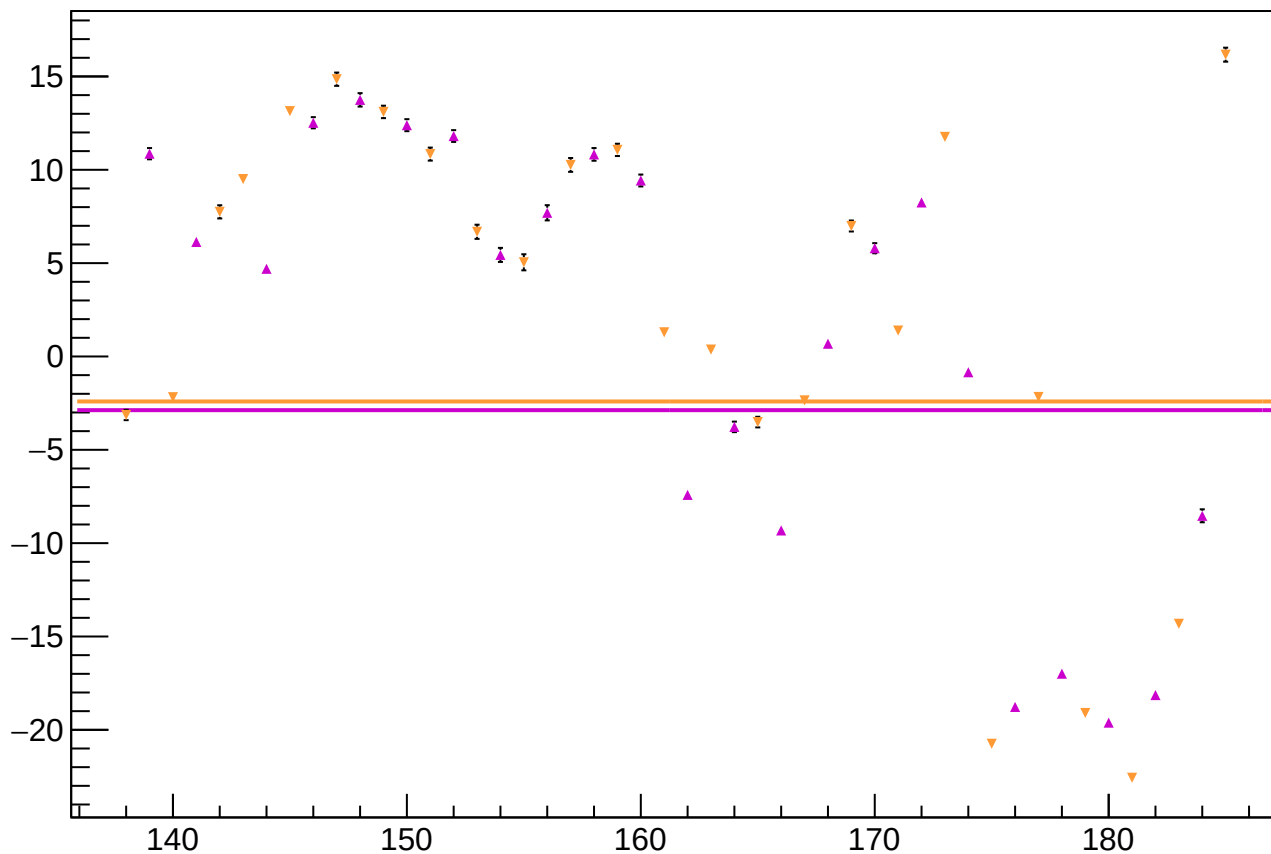
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.327 ± 0.002 χ^2/NDF : 12970.4/39

Out: 0.317 ± 0.002 χ^2/NDF : 13926.3/43

All: 0.322 ± 0.002 χ^2/NDF : 26904.9/83

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.410+/-0.053 χ^2/NDF : 56368.3/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Left: -2.635+/-0.038 χ^2/NDF : 102786.9/47

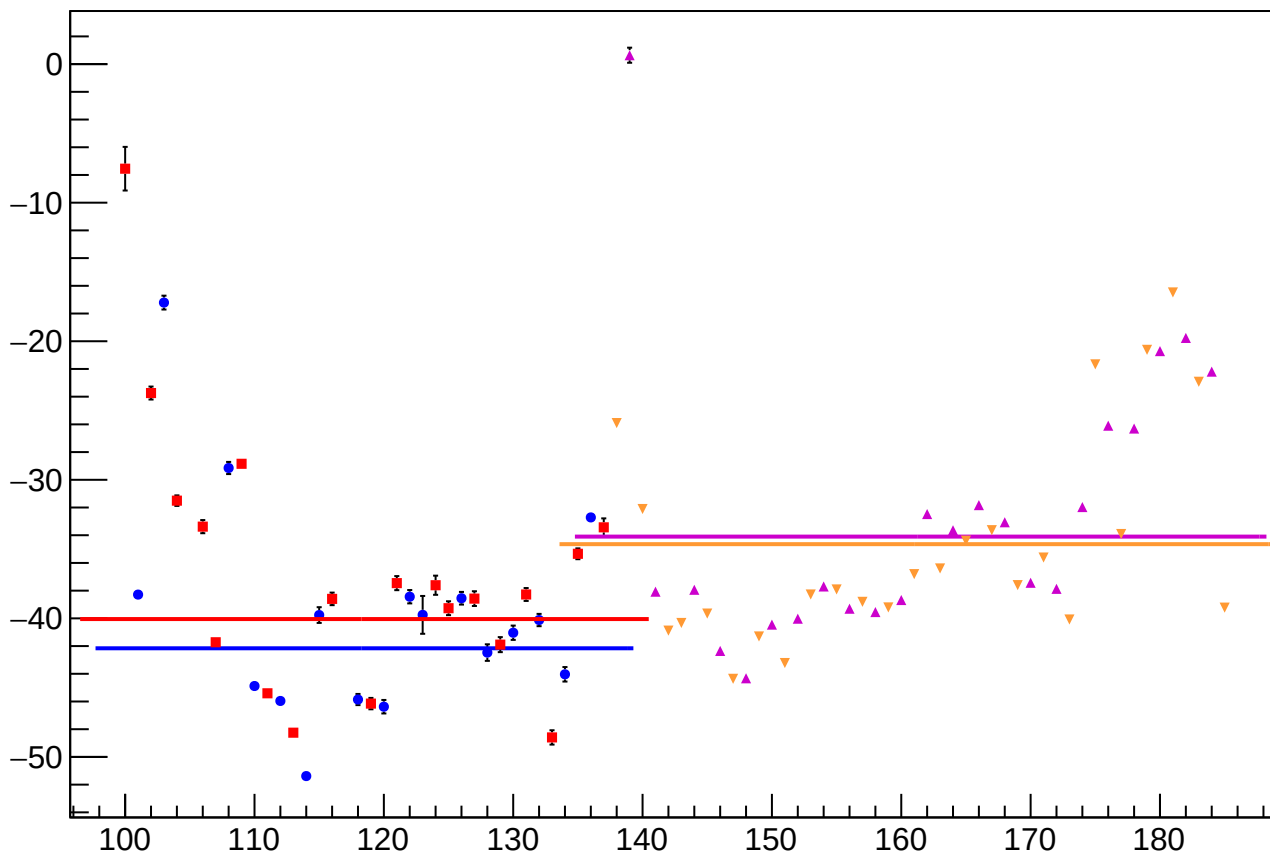
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.876+/-0.055 χ^2/NDF : 46380.9/22

Out: -2.410+/-0.053 χ^2/NDF : 56368.3/24

All: -2.635+/-0.038 χ^2/NDF : 102786.9/47

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -34.645 ± 0.042 χ^2/NDF : 34674.8/24

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -34.099 ± 0.044 χ^2/NDF : 29370.6/22

Left: -34.385 ± 0.030 χ^2/NDF : 64126.6/47

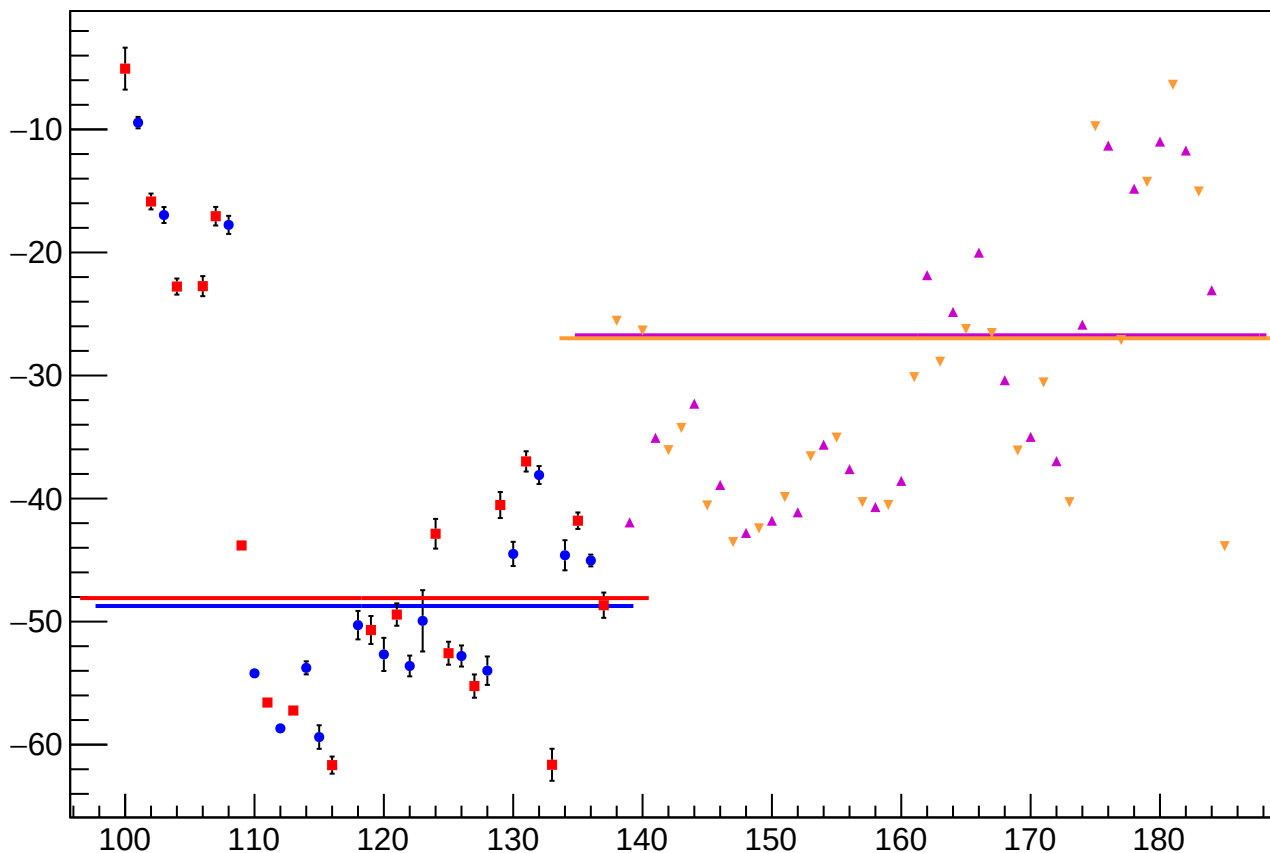
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -36.038 ± 0.038 χ^2/NDF : 44070.2/39

Out: -35.984 ± 0.036 χ^2/NDF : 50135.7/43

All: -36.010 ± 0.026 χ^2/NDF : 94206.9/83

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -26.974 ± 0.053 $\chi^2/\text{NDF}: 49362.1/24$

Right Out: -48.090 ± 0.107 $\chi^2/\text{NDF}: 11731.5/18$

Left In: -26.733 ± 0.055 $\chi^2/\text{NDF}: 42643.0/22$

Left: -26.857 ± 0.038 $\chi^2/\text{NDF}: 92015.0/47$

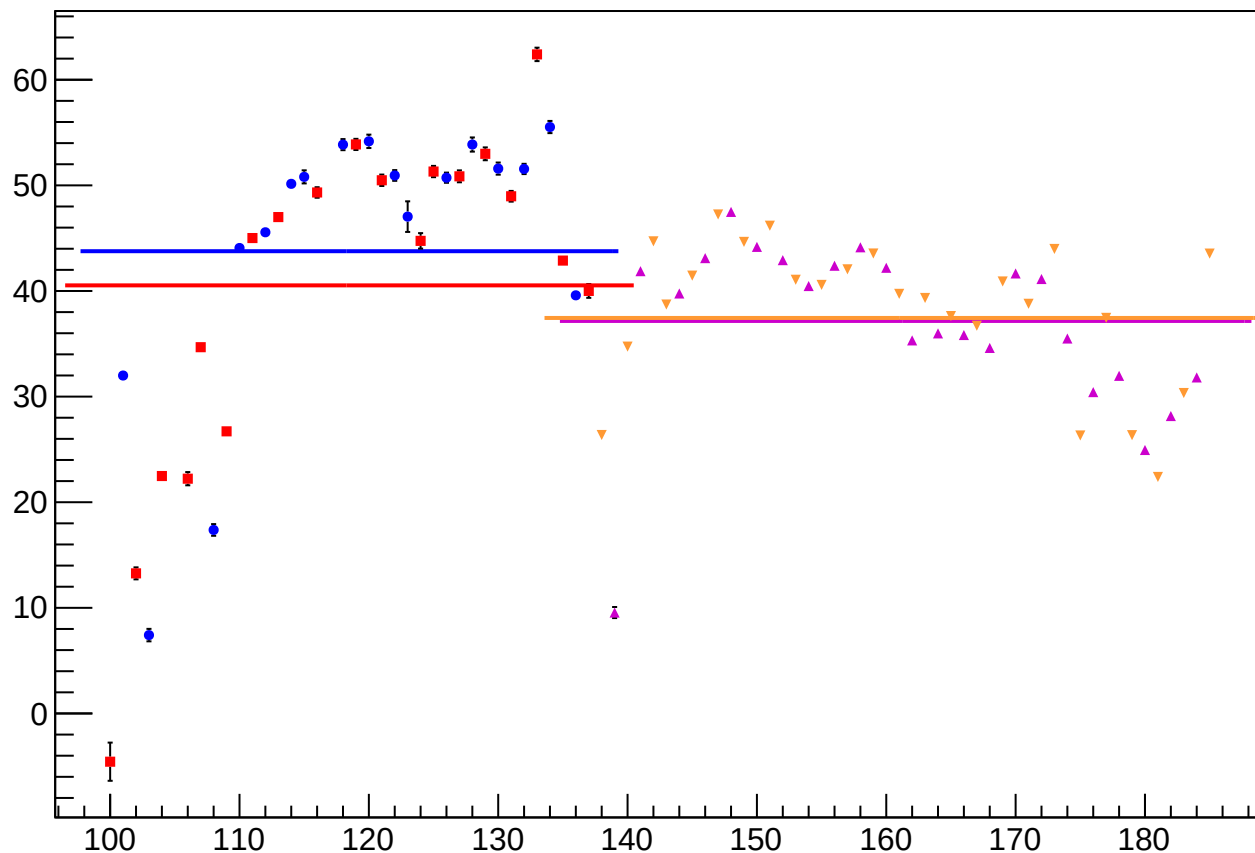
Right: -48.363 ± 0.081 $\chi^2/\text{NDF}: 26406.2/35$

In: -30.287 ± 0.050 $\chi^2/\text{NDF}: 83406.9/39$

Out: -31.142 ± 0.048 $\chi^2/\text{NDF}: 92221.0/43$

All: -30.736 ± 0.035 $\chi^2/\text{NDF}: 175780.9/83$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 37.446 $\pm$ 0.047 χ^2 /NDF:21570.7/24

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 37.164 $\pm$ 0.049 χ^2 /NDF:17427.3/22

Left: 37.311 $\pm$ 0.034 χ^2 /NDF: 39015.1/47

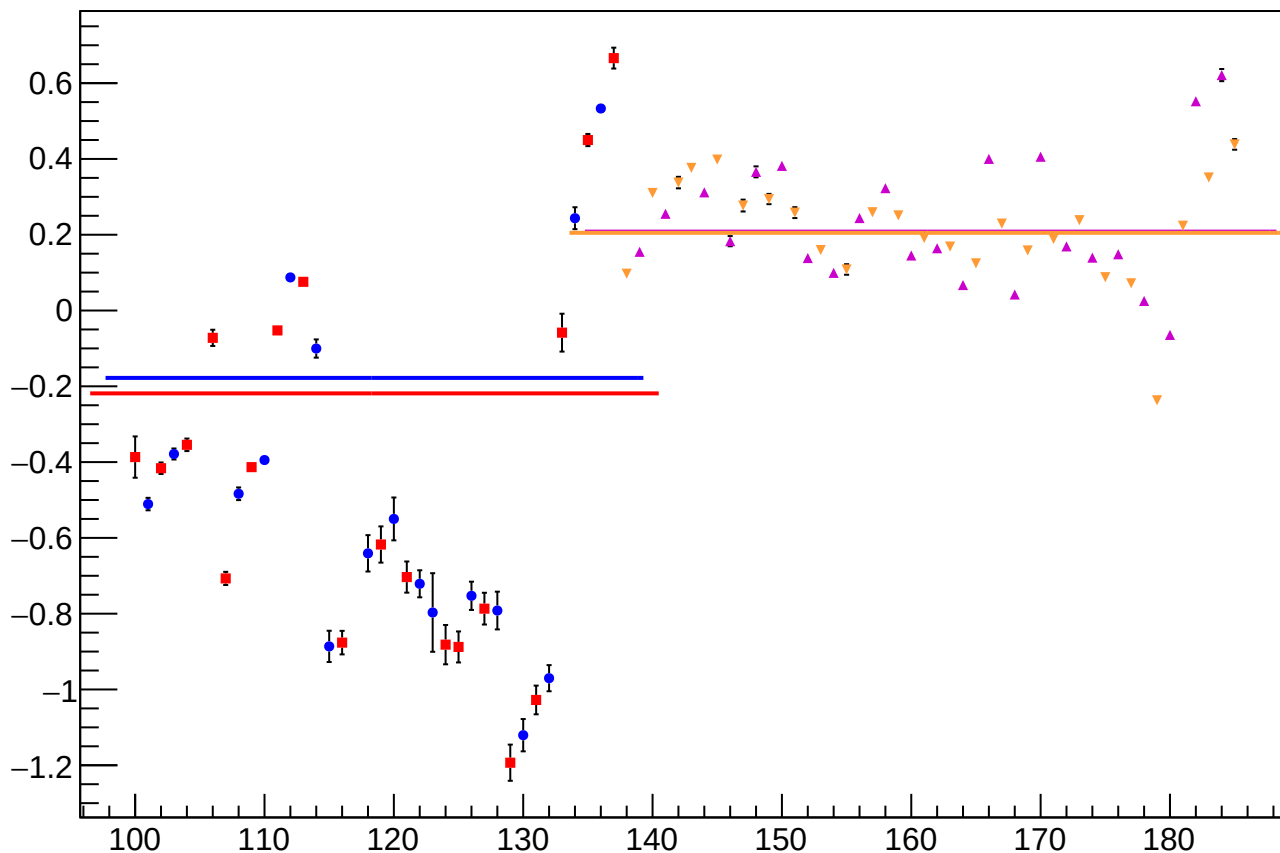
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 38.765 $\pm$ 0.043 χ^2 /NDF:32442.9/39

Out: 38.239 $\pm$ 0.041 χ^2 /NDF:40251.7/43

All: 38.489 $\pm$ 0.029 χ^2 /NDF: 72774.3/83

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.205 ± 0.002 χ^2/NDF : 3826.6/24

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.208 ± 0.002 χ^2/NDF : 5095.2/22

Left: 0.207 ± 0.002 χ^2/NDF : 8922.9/47

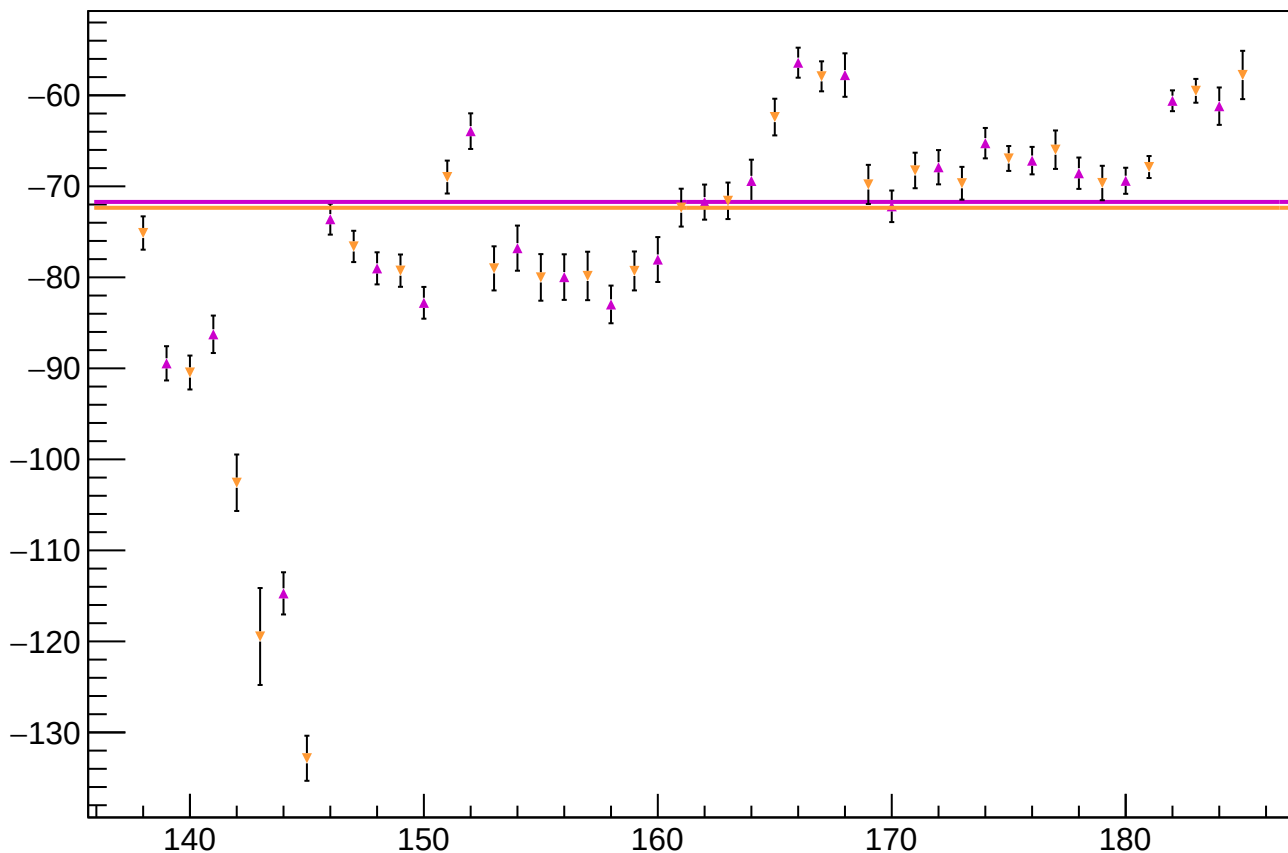
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.140 ± 0.002 χ^2/NDF : 17697.8/39

Out: 0.119 ± 0.002 χ^2/NDF : 19027.4/43

All: 0.129 ± 0.001 χ^2/NDF : 36783.9/83

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -72.359+/-0.382 χ^2/NDF :1203.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -71.713+/-0.380 χ^2/NDF :884.6/22

Left: -72.035+/-0.269 χ^2/NDF : 2089.2/47

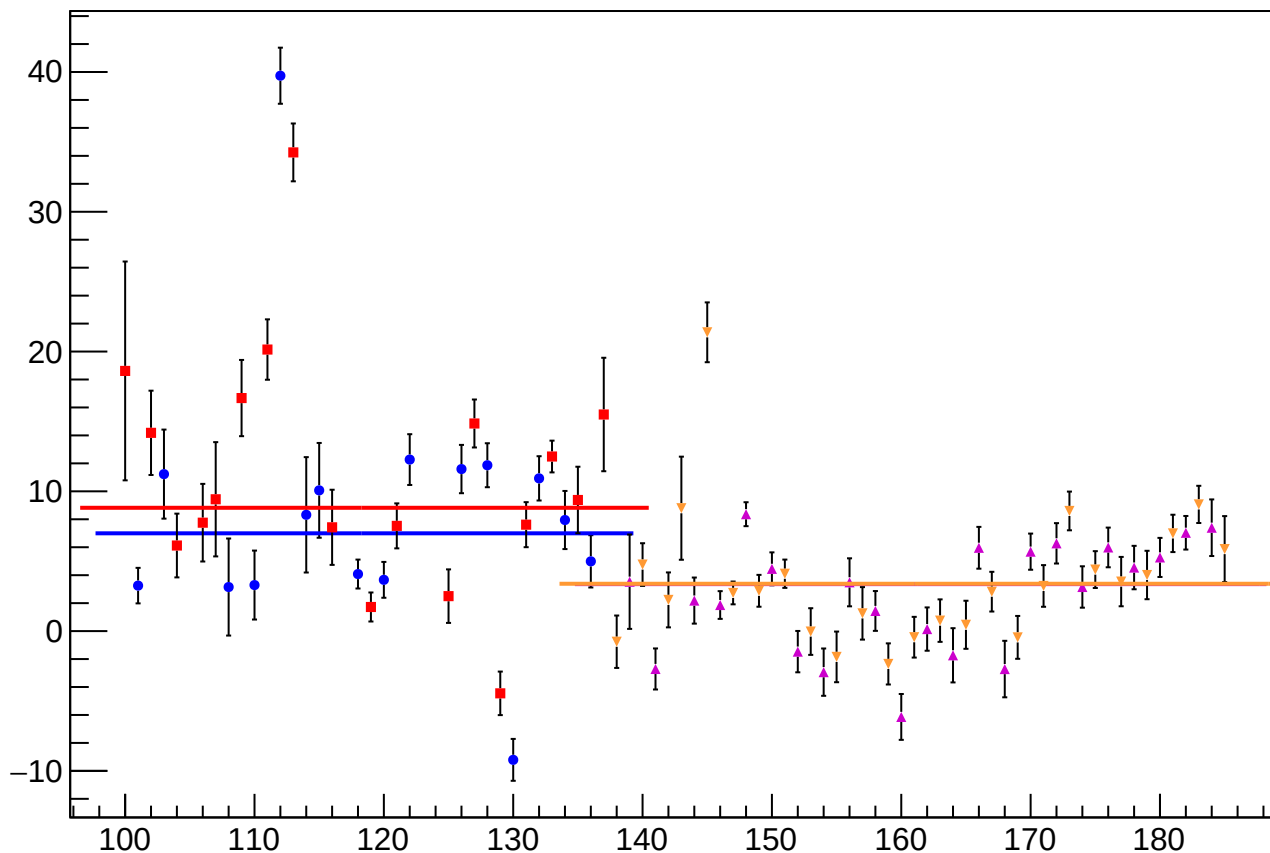
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -71.713+/-0.380 χ^2/NDF :884.6/22

Out: -72.359+/-0.382 χ^2/NDF :1203.1/24

All: -72.035+/-0.269 χ^2/NDF : 2089.2/47

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: 3.387 $\pm$ 0.294 χ^2 /NDF:169.9/24

Right Out: 8.822 $\pm$ 0.449 χ^2 /NDF: 350.4/17

Left In: 3.360 $\pm$ 0.298 χ^2 /NDF:164.5/22

Left: 3.374 $\pm$ 0.209 χ^2 /NDF: 334.4/47

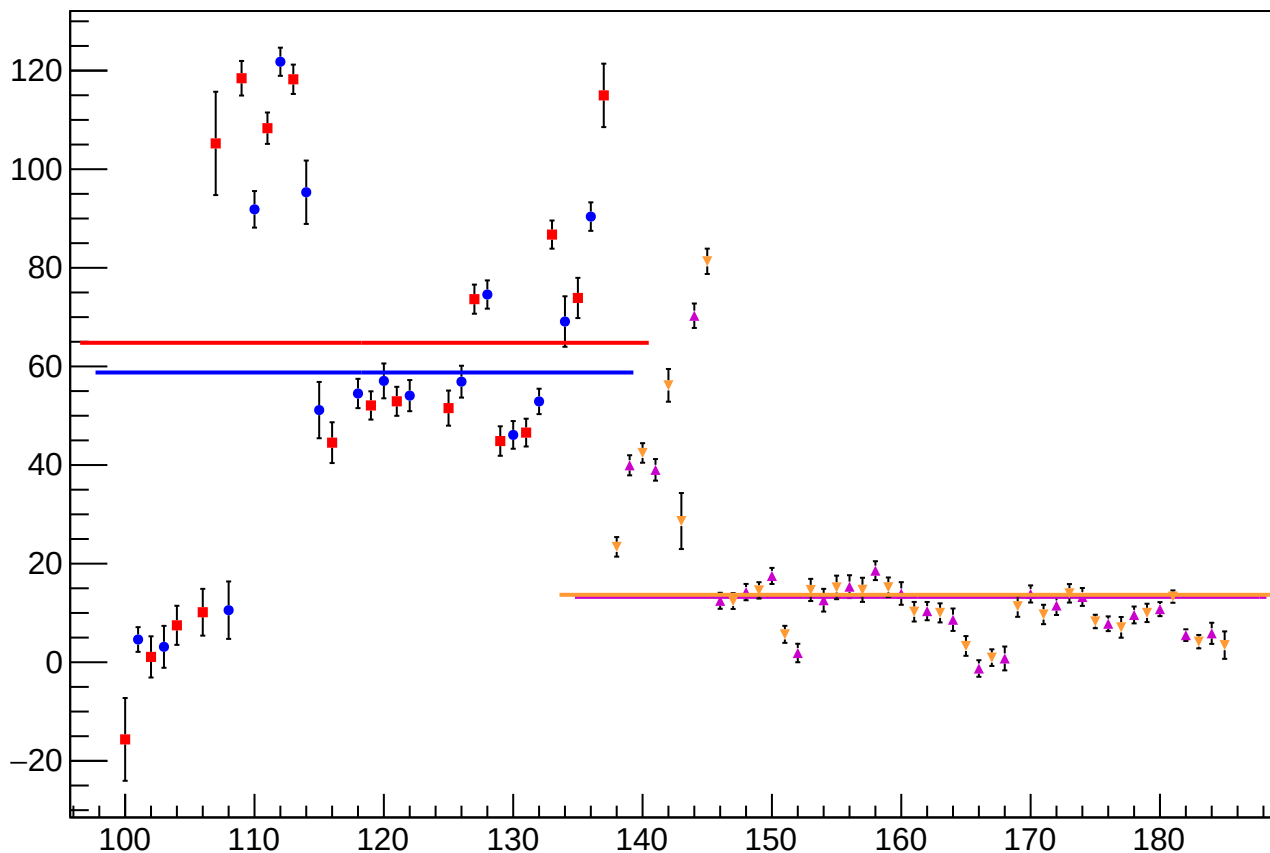
Right: 7.879 $\pm$ 0.312 χ^2 /NDF: 804.3/33

In: 4.522 $\pm$ 0.245 χ^2 /NDF:657.6/38

Out: 5.017 $\pm$ 0.246 χ^2 /NDF:623.0/42

All: 4.769 $\pm$ 0.174 χ^2 /NDF: 1282.7/81

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 ± 0.833 χ^2/NDF : 1493.3/15

Left Out: 13.680 ± 0.381 χ^2/NDF : 1309.6/24

Right Out: 64.792 ± 0.840 χ^2/NDF : 1718.1/17

Left In: 13.262 ± 0.379 χ^2/NDF : 1077.0/22

Left: 13.470 ± 0.268 χ^2/NDF : 2387.2/47

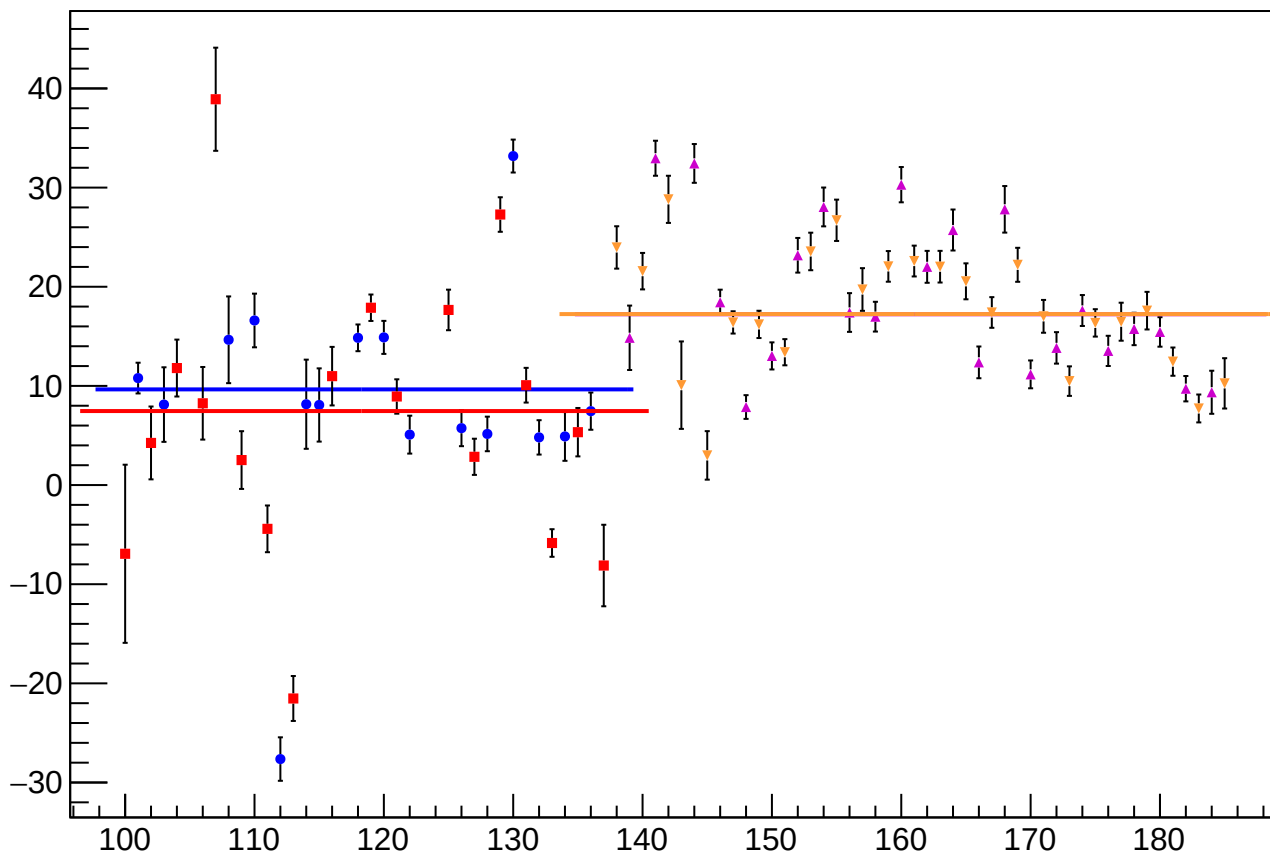
Right: 61.754 ± 0.592 χ^2/NDF : 3237.3/33

In: 21.052 ± 0.345 χ^2/NDF : 5044.5/38

Out: 22.384 ± 0.347 χ^2/NDF : 6096.0/42

All: 21.714 ± 0.244 χ^2/NDF : 11147.9/81

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 $\chi^2/\text{NDF}: 553.6/15$

Left Out: 17.243 ± 0.336 $\chi^2/\text{NDF}: 246.5/24$

Right Out: 7.463 ± 0.516 $\chi^2/\text{NDF}: 566.9/17$

Left In: 17.224 ± 0.339 $\chi^2/\text{NDF}: 442.2/22$

Left: 17.234 ± 0.238 $\chi^2/\text{NDF}: 688.7/47$

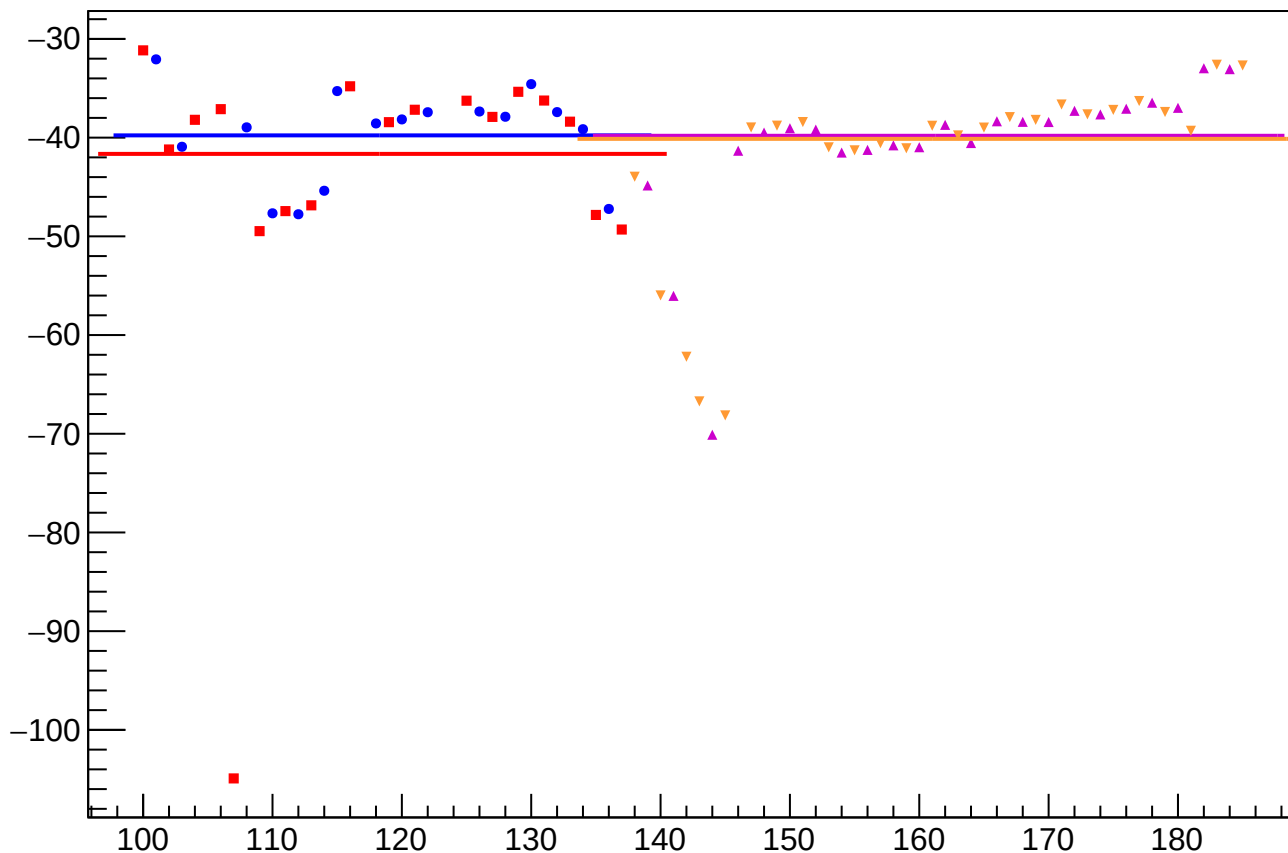
Right: 8.585 ± 0.360 $\chi^2/\text{NDF}: 1129.6/33$

In: 14.856 ± 0.281 $\chi^2/\text{NDF}: 1152.3/38$

Out: 14.328 ± 0.281 $\chi^2/\text{NDF}: 1065.9/42$

All: 14.593 ± 0.199 $\chi^2/\text{NDF}: 2220.0/81$

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected

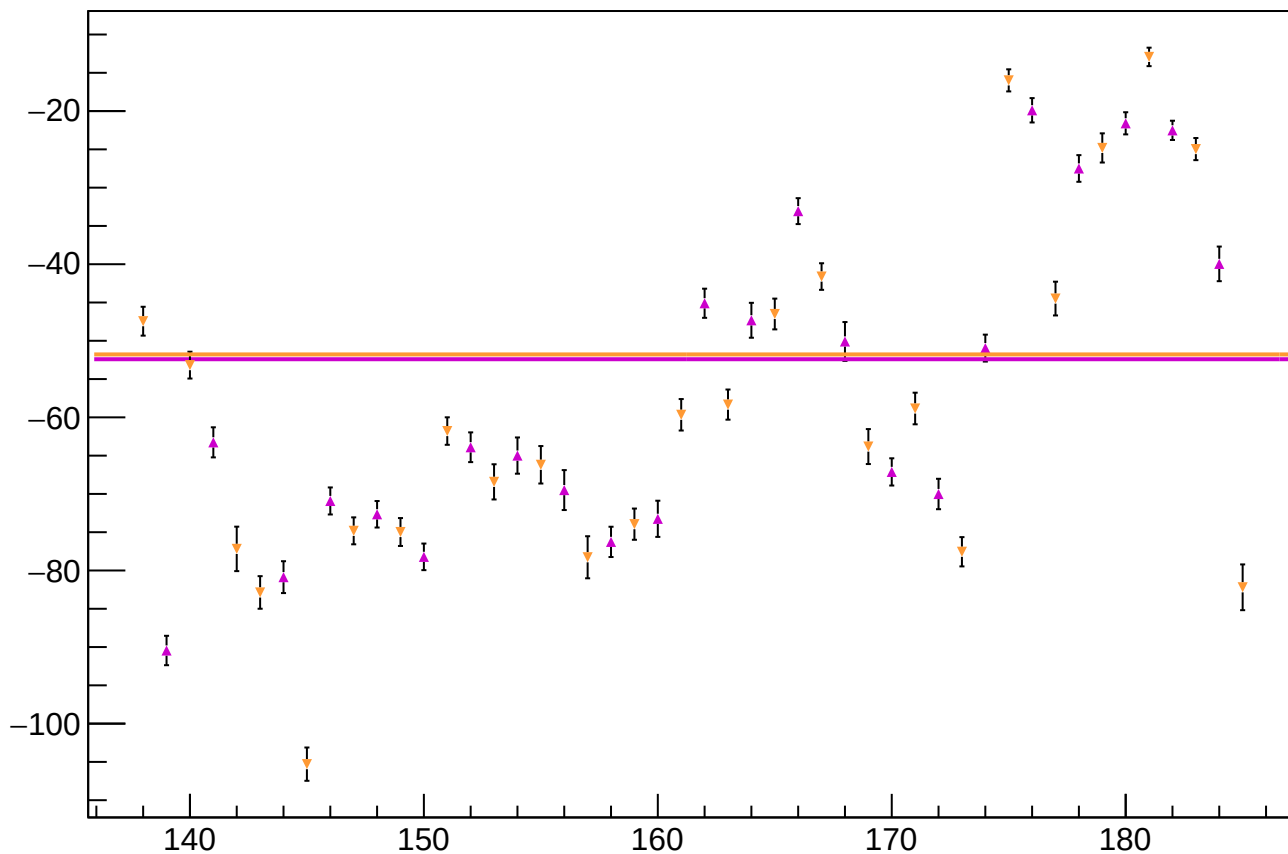


Right In: -39.771 ± 0.031 χ^2/NDF : 26176.5/15
 Left Out: -40.124 ± 0.016 χ^2/NDF : 185916.8/24
 Right Out: -41.647 ± 0.031 χ^2/NDF : 94514.5/17
 Left In: -39.813 ± 0.016 χ^2/NDF : 145790.5/22

Left: -39.967 ± 0.011 χ^2/NDF : 331904.9/47
 Right: -40.706 ± 0.022 χ^2/NDF : 122504.5/33
 In: -39.805 ± 0.014 χ^2/NDF : 171968.5/38
 Out: -40.432 ± 0.014 χ^2/NDF : 282333.1/42

All: -40.116 ± 0.010 χ^2/NDF : 455308.4/81

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.781+/-0.382 χ^2/NDF :4165.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.409+/-0.387 χ^2/NDF :3378.7/22

Left: -52.091+/-0.272 χ^2/NDF : 7545.0/47

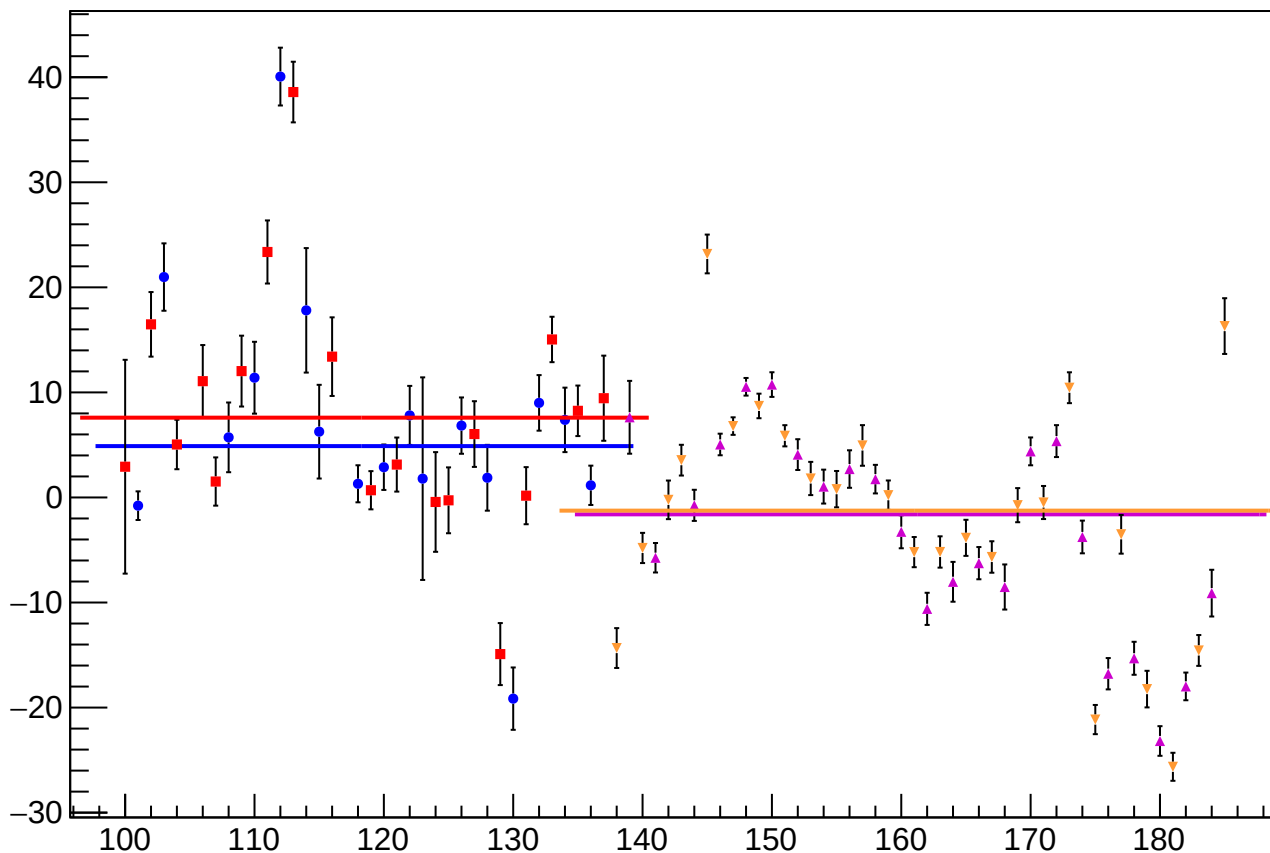
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.409+/-0.387 χ^2/NDF :3378.7/22

Out: -51.781+/-0.382 χ^2/NDF :4165.0/24

All: -52.091+/-0.272 χ^2/NDF : 7545.0/47

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -1.254 ± 0.292 $\chi^2/\text{NDF}: 1323.4/24$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -1.608 ± 0.299 $\chi^2/\text{NDF}: 1097.4/22$

Left: -1.426 ± 0.209 $\chi^2/\text{NDF}: 2421.5/47$

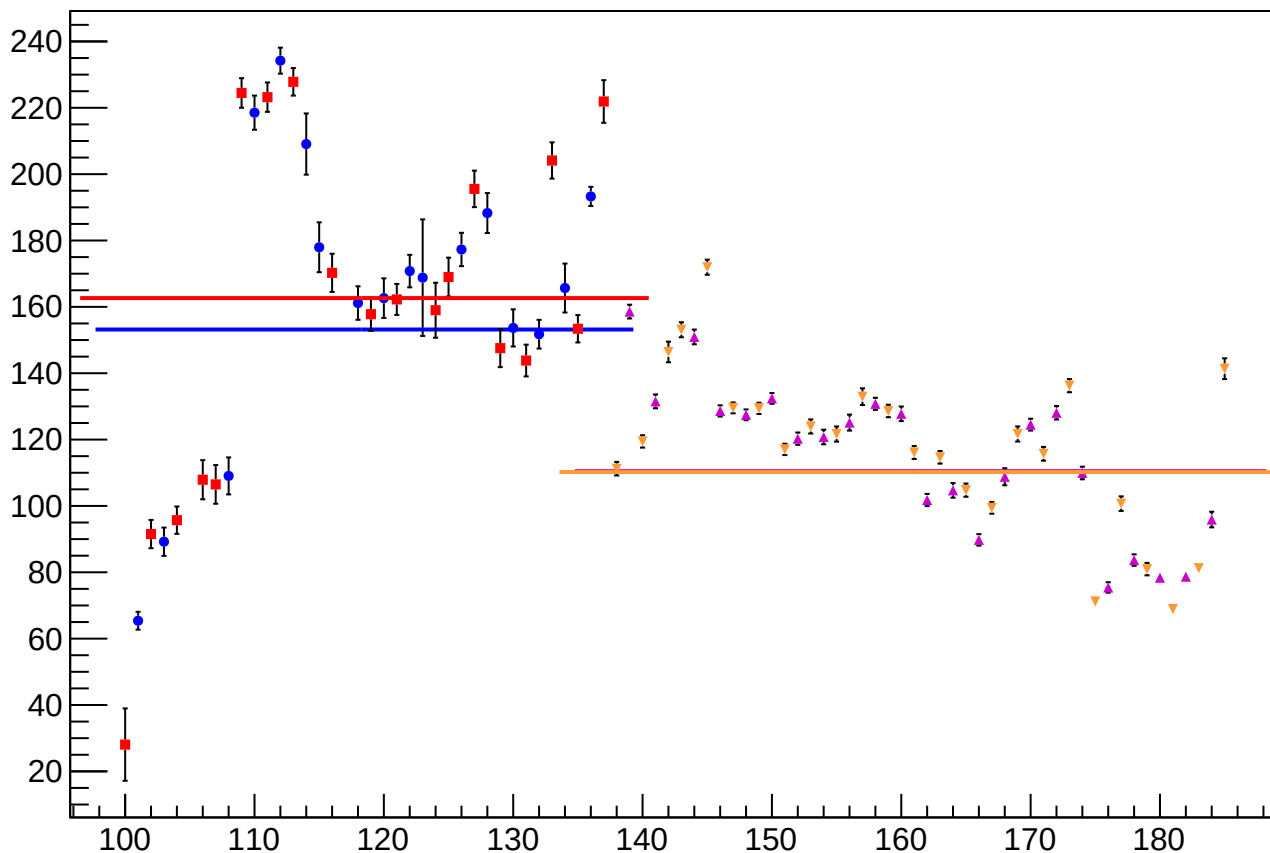
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: -0.385 ± 0.270 $\chi^2/\text{NDF}: 1480.6/39$

Out: 0.226 ± 0.266 $\chi^2/\text{NDF}: 1746.7/43$

All: -0.075 ± 0.189 $\chi^2/\text{NDF}: 3230.0/83$

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: 110.209 $\pm$ 0.382 χ^2 /NDF:4593.8/24

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 110.482 $\pm$ 0.385 χ^2 /NDF:3824.9/22

Left: 110.344 $\pm$ 0.271 χ^2 /NDF: 8418.9/47

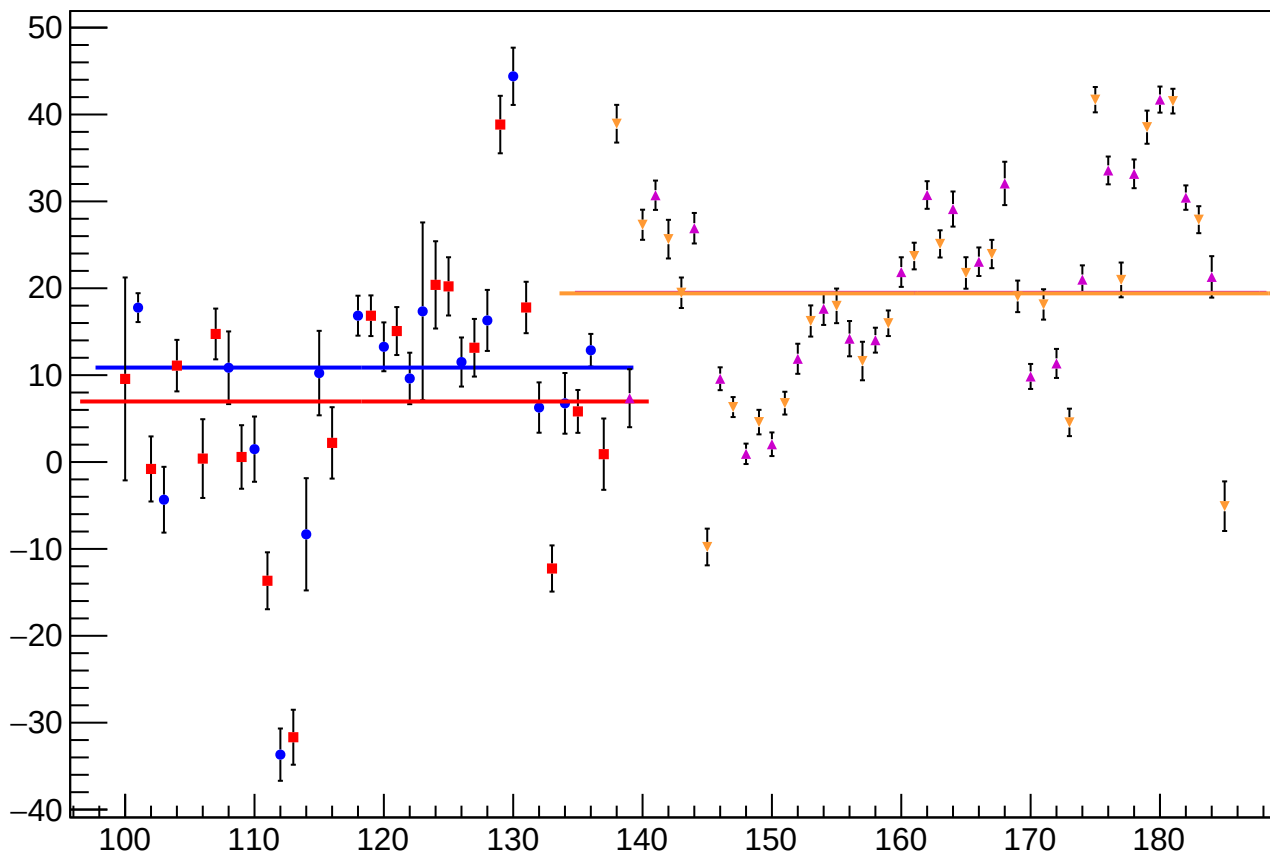
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 114.803 $\pm$ 0.365 χ^2 /NDF:7335.6/39

Out: 115.209 $\pm$ 0.363 χ^2 /NDF:8100.5/43

All: 115.007 $\pm$ 0.257 χ^2 /NDF: 15436.7/83

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2 /NDF: 386.7/16

Left Out: 19.413 $\pm$ 0.335 χ^2 /NDF:1453.9/24

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 19.472 $\pm$ 0.342 χ^2 /NDF:1188.2/22

Left: 19.442 $\pm$ 0.239 χ^2 /NDF: 2642.1/47

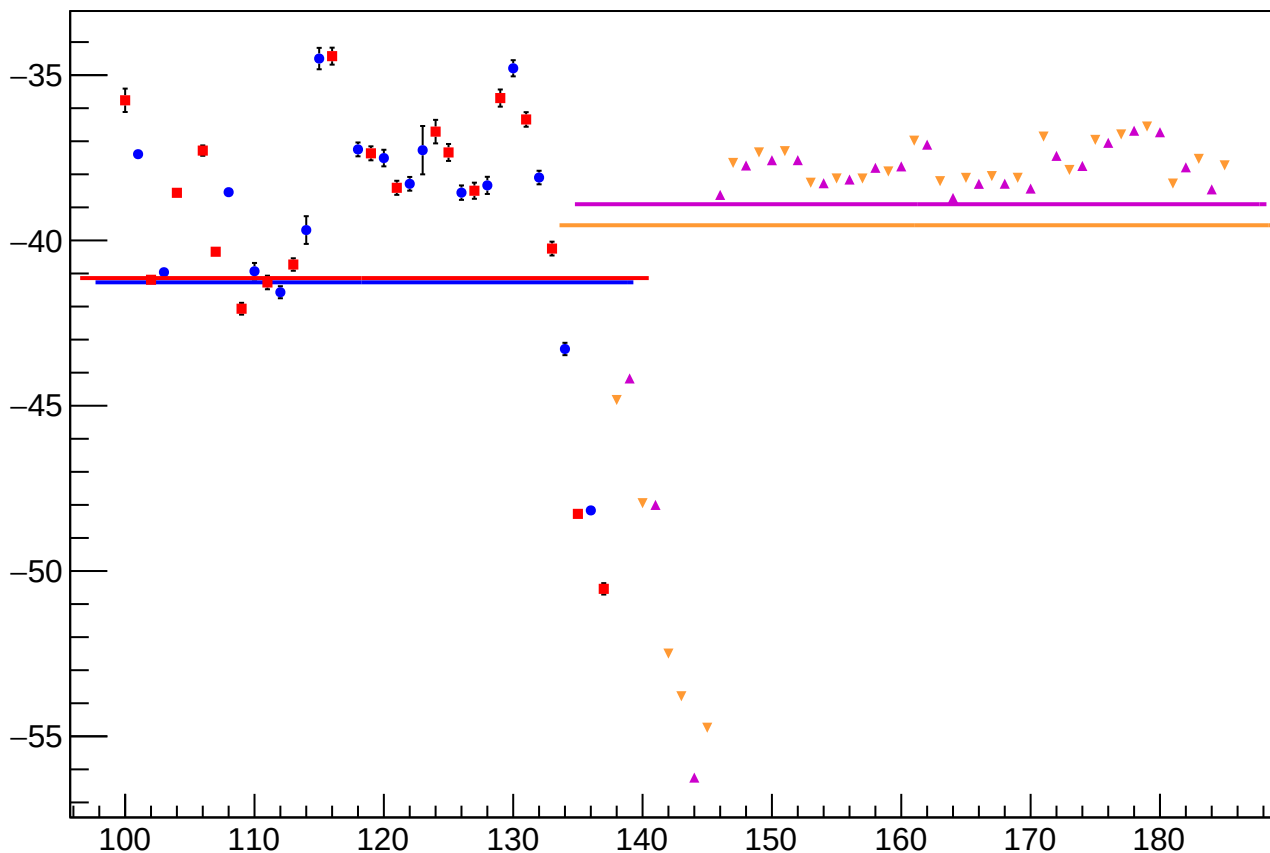
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 17.872 $\pm$ 0.308 χ^2 /NDF:1692.8/39

Out: 17.337 $\pm$ 0.305 χ^2 /NDF:2107.1/43

All: 17.602 $\pm$ 0.217 χ^2 /NDF: 3801.5/83

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267+/-0.039 χ^2/NDF : 12581.8/16

Left Out: -39.541+/-0.016 χ^2/NDF : 92030.2/24

Right Out: -41.139+/-0.039 χ^2/NDF : 12242.4/18

Left In: -38.905+/-0.016 χ^2/NDF : 54282.7/22

Left: -39.224+/-0.011 χ^2/NDF : 147127.2/47

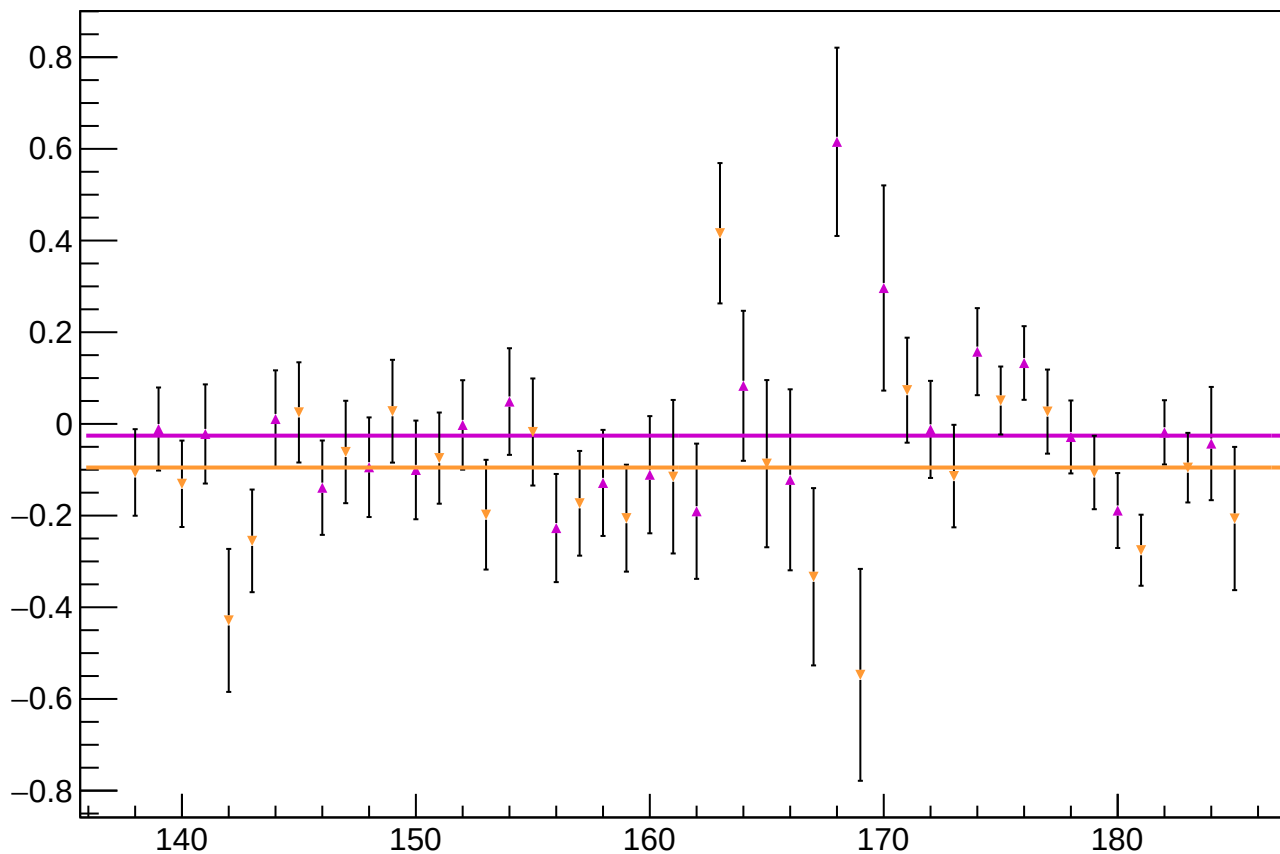
Right: -41.203+/-0.027 χ^2/NDF : 24829.7/35

In: -39.245+/-0.015 χ^2/NDF : 70083.4/39

Out: -39.768+/-0.015 χ^2/NDF : 105741.7/43

All: -39.508+/-0.010 χ^2/NDF : 176468.2/83

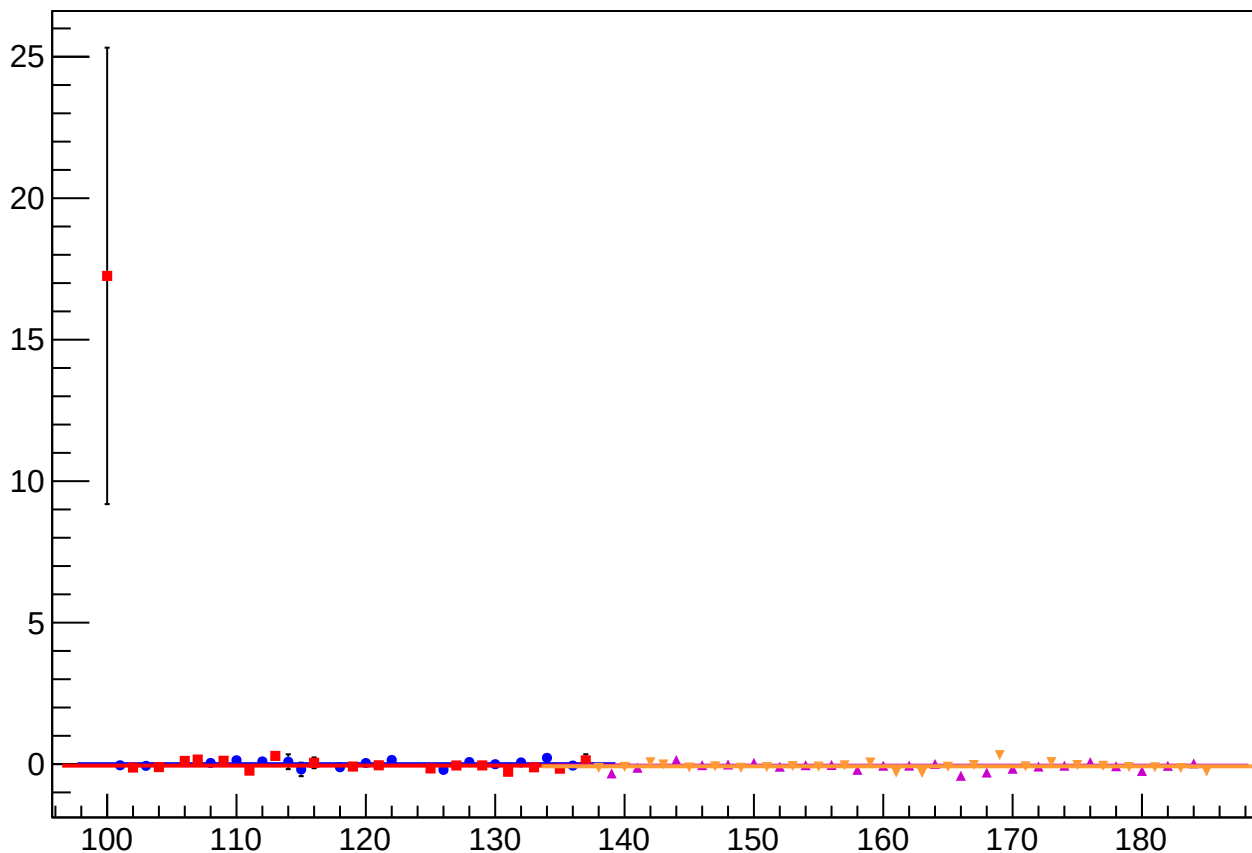
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.095 $\pm$ 0.022 χ^2 /NDF:42.2/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22

Left: -0.061 $\pm$ 0.015 χ^2 /NDF: 79.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.026 $\pm$ 0.022 χ^2 /NDF:32.3/22
 Out: -0.095 $\pm$ 0.022 χ^2 /NDF:42.2/24
 All: -0.061 $\pm$ 0.015 χ^2 /NDF: 79.5/47

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.078 ± 0.017 χ^2/NDF : 26.6/24

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.055 ± 0.018 χ^2/NDF : 32.2/22

Left: -0.067 ± 0.012 χ^2/NDF : 59.7/47

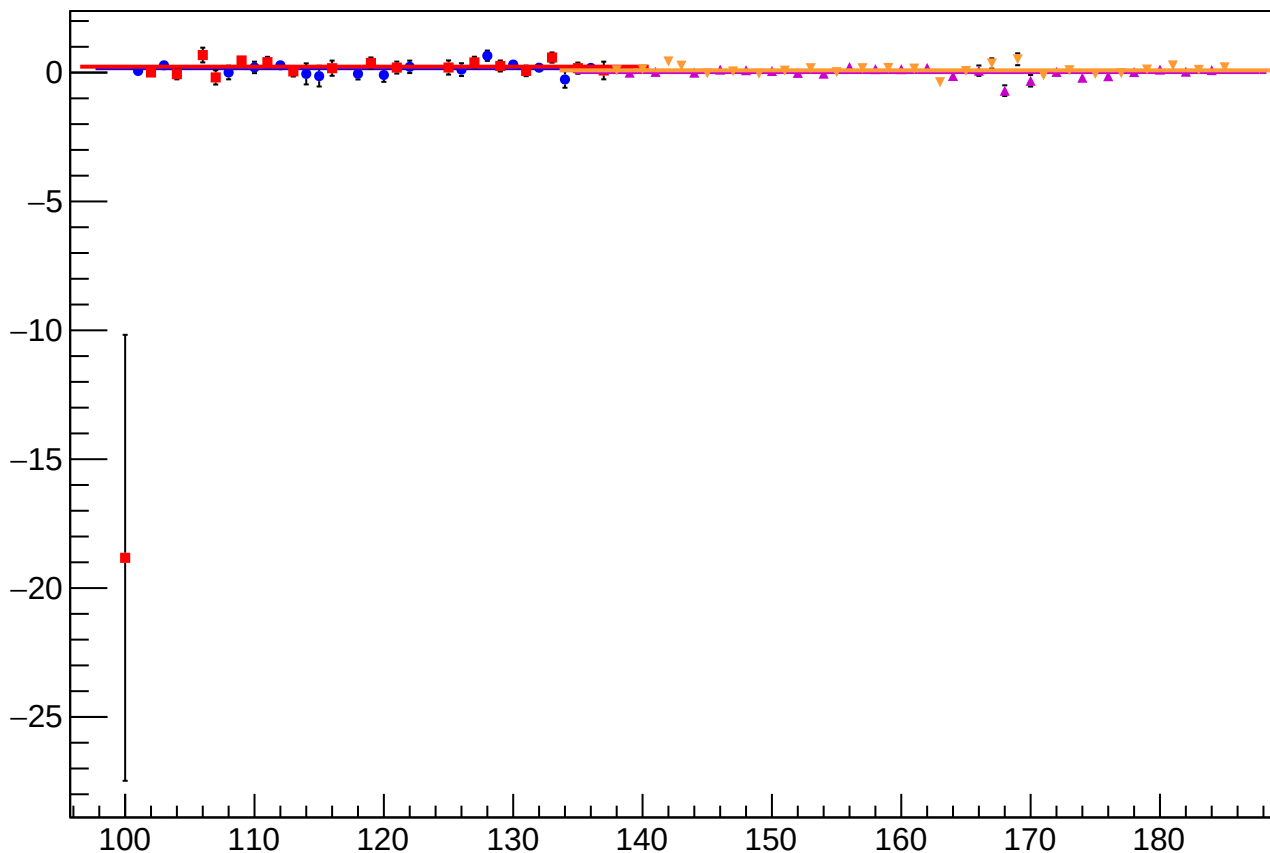
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.040 ± 0.015 χ^2/NDF : 46.8/38

Out: -0.072 ± 0.015 χ^2/NDF : 52.7/42

All: -0.056 ± 0.010 χ^2/NDF : 101.7/81

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: 0.088 $\pm$ 0.022 χ^2 /NDF:41.1/24

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.020 $\pm$ 0.022 χ^2 /NDF:34.5/22

Left: 0.055 $\pm$ 0.015 χ^2 /NDF: 80.4/47

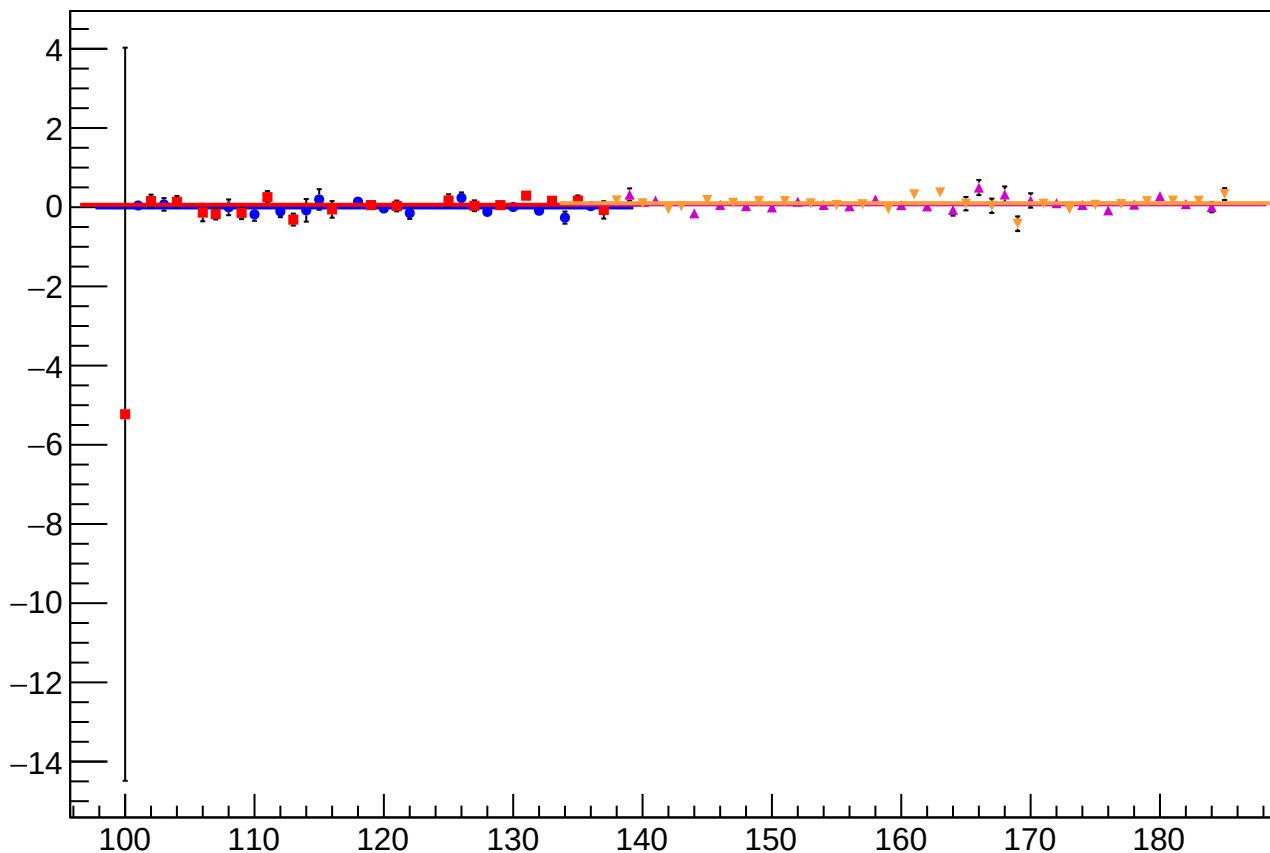
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.043 $\pm$ 0.020 χ^2 /NDF:54.5/38

Out: 0.107 $\pm$ 0.020 χ^2 /NDF:68.6/42

All: 0.076 $\pm$ 0.014 χ^2 /NDF: 128.3/81

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.102 ± 0.019 χ^2/NDF : 30.3/24

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.3/17

Left In: 0.072 ± 0.020 χ^2/NDF : 31.7/22

Left: 0.088 ± 0.014 χ^2/NDF : 63.1/47

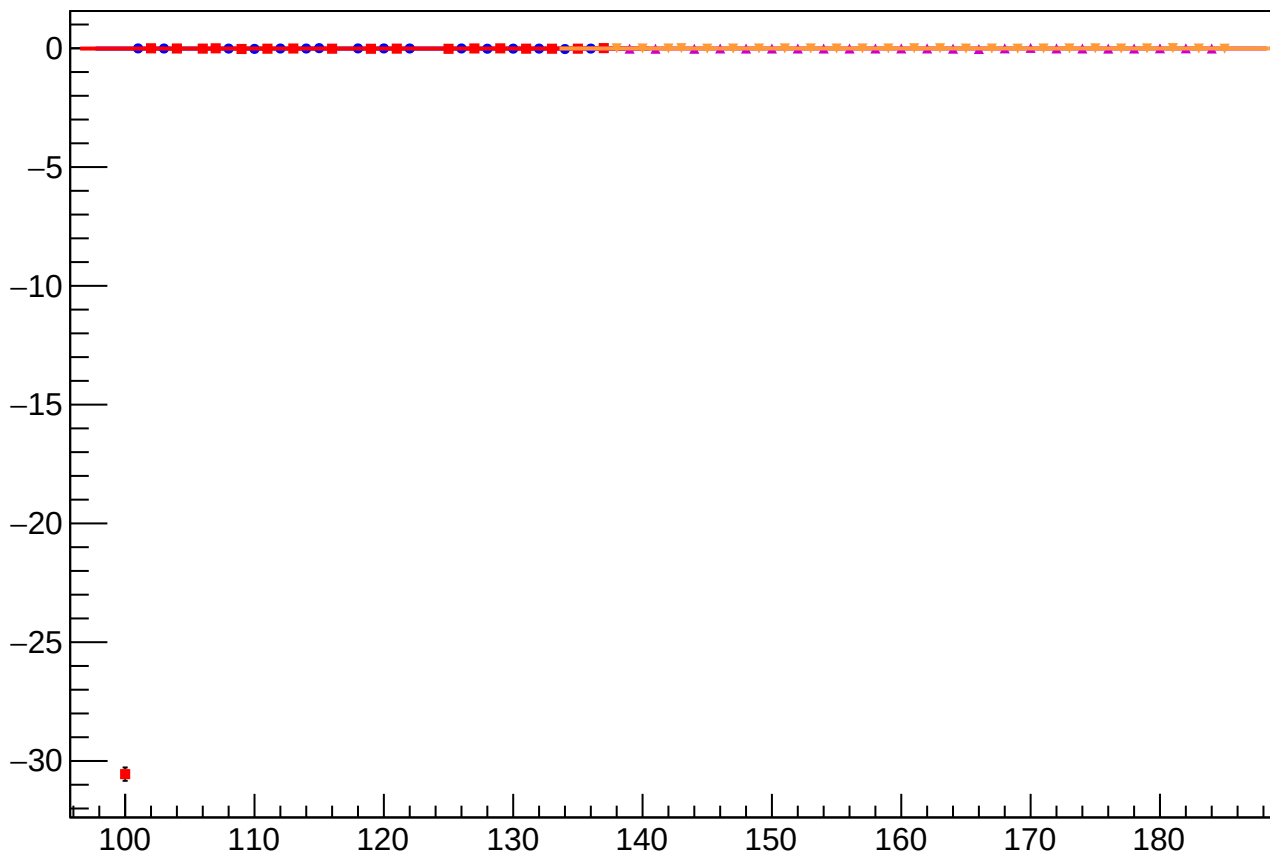
Right: 0.026 ± 0.023 χ^2/NDF : 35.6/33

In: 0.051 ± 0.017 χ^2/NDF : 49.2/38

Out: 0.092 ± 0.017 χ^2/NDF : 51.6/42

All: 0.072 ± 0.012 χ^2/NDF : 103.8/81

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 : 34.8/24

Right Out: -0.012 ± 0.002 χ^2/NDF : 11890.6/17

Left In: -0.009 ± 0.001 χ^2/NDF : 42.1/22

Left: -0.008 ± 0.001 χ^2/NDF : 77.8/47

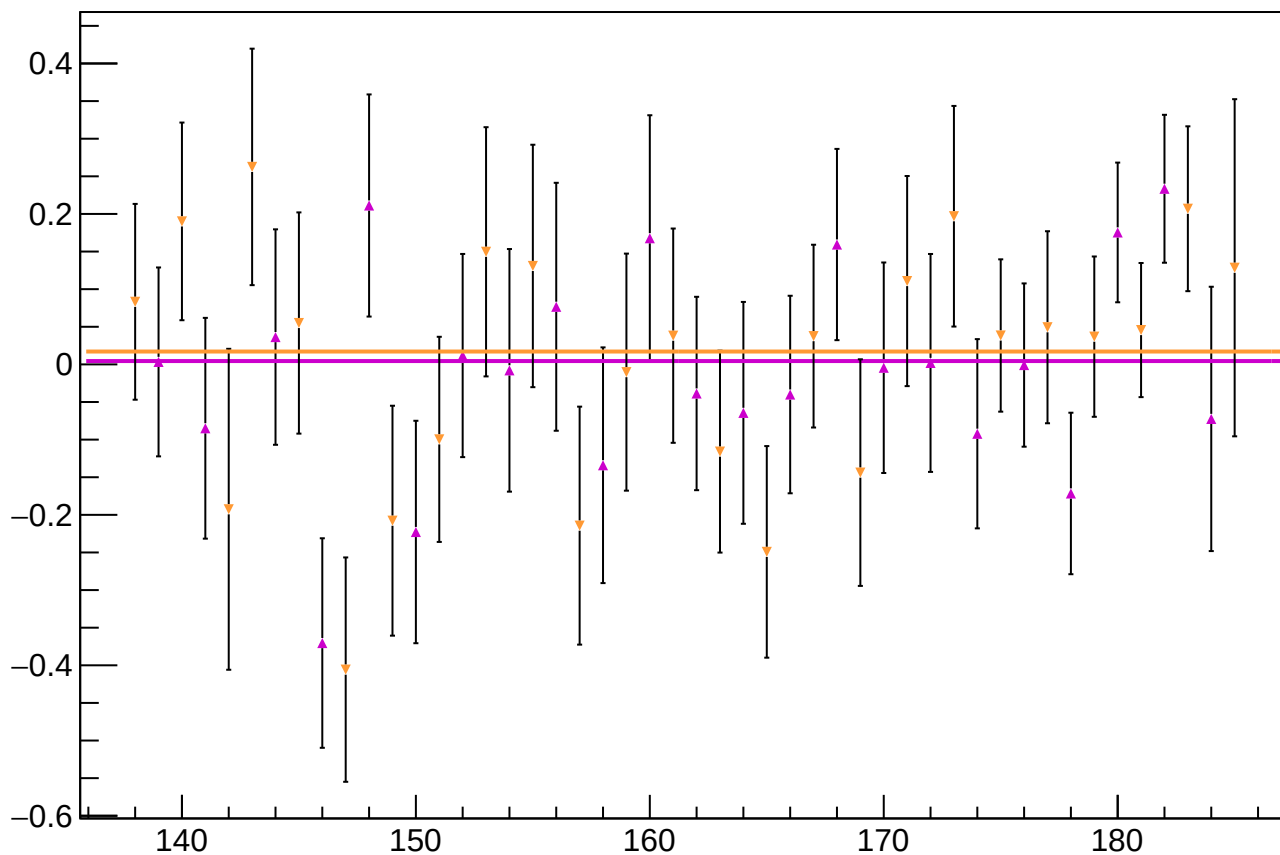
Right: -0.012 ± 0.001 χ^2/NDF : 11903.4/33

In: -0.009 ± 0.001 χ^2/NDF : 57.1/38

Out: -0.008 ± 0.001 χ^2/NDF : 11930.1/42

All: -0.009 ± 0.001 χ^2/NDF : 11987.9/81

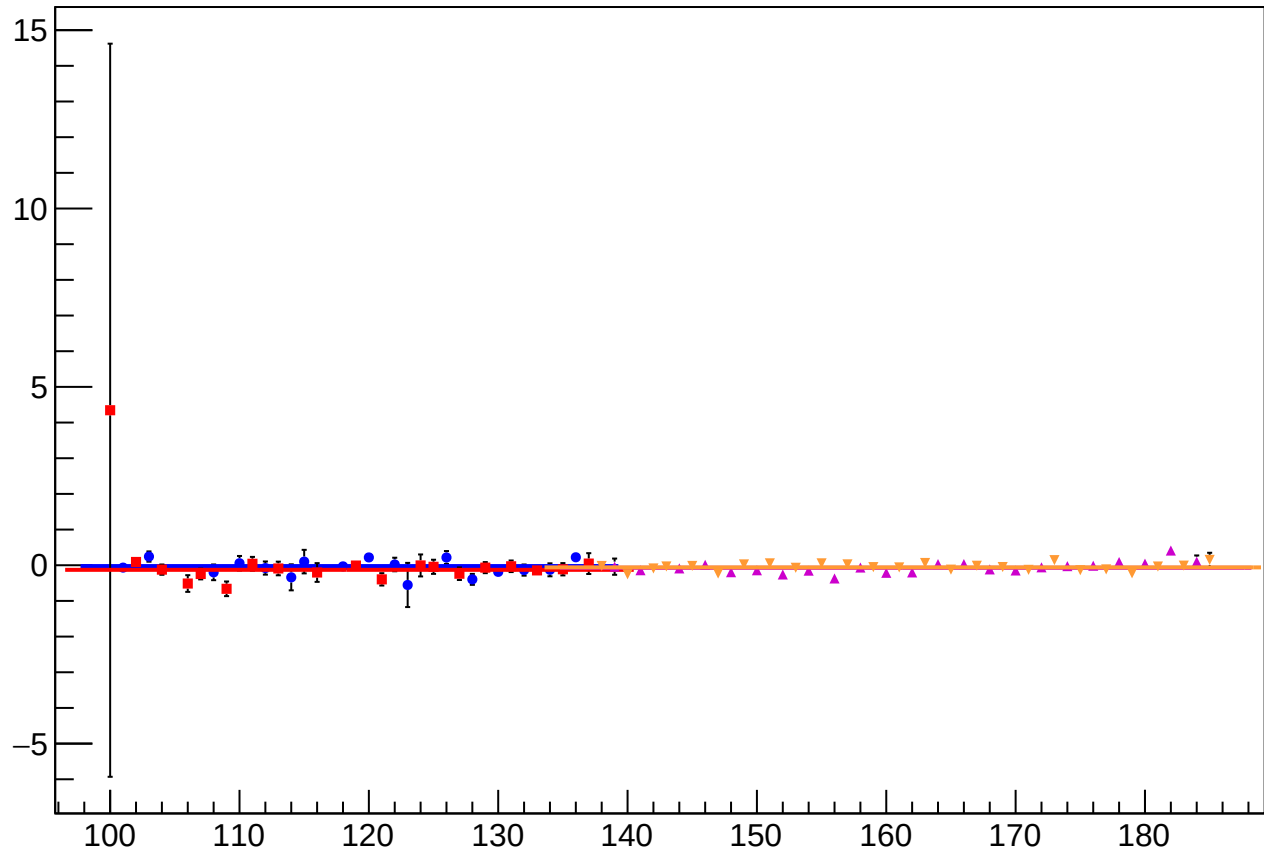
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.017 $\pm$ 0.027 χ^2 /NDF:30.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22

Left: 0.011 $\pm$ 0.019 χ^2 /NDF: 59.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.004 $\pm$ 0.028 χ^2 /NDF:28.2/22
 Out: 0.017 $\pm$ 0.027 χ^2 /NDF:30.9/24
 All: 0.011 $\pm$ 0.019 χ^2 /NDF: 59.2/47

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: -0.060 ± 0.021 $\chi^2/\text{NDF}: 24.6/24$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.8/18$

Left In: -0.072 ± 0.022 $\chi^2/\text{NDF}: 48.7/22$

Left: -0.066 ± 0.015 $\chi^2/\text{NDF}: 73.5/47$

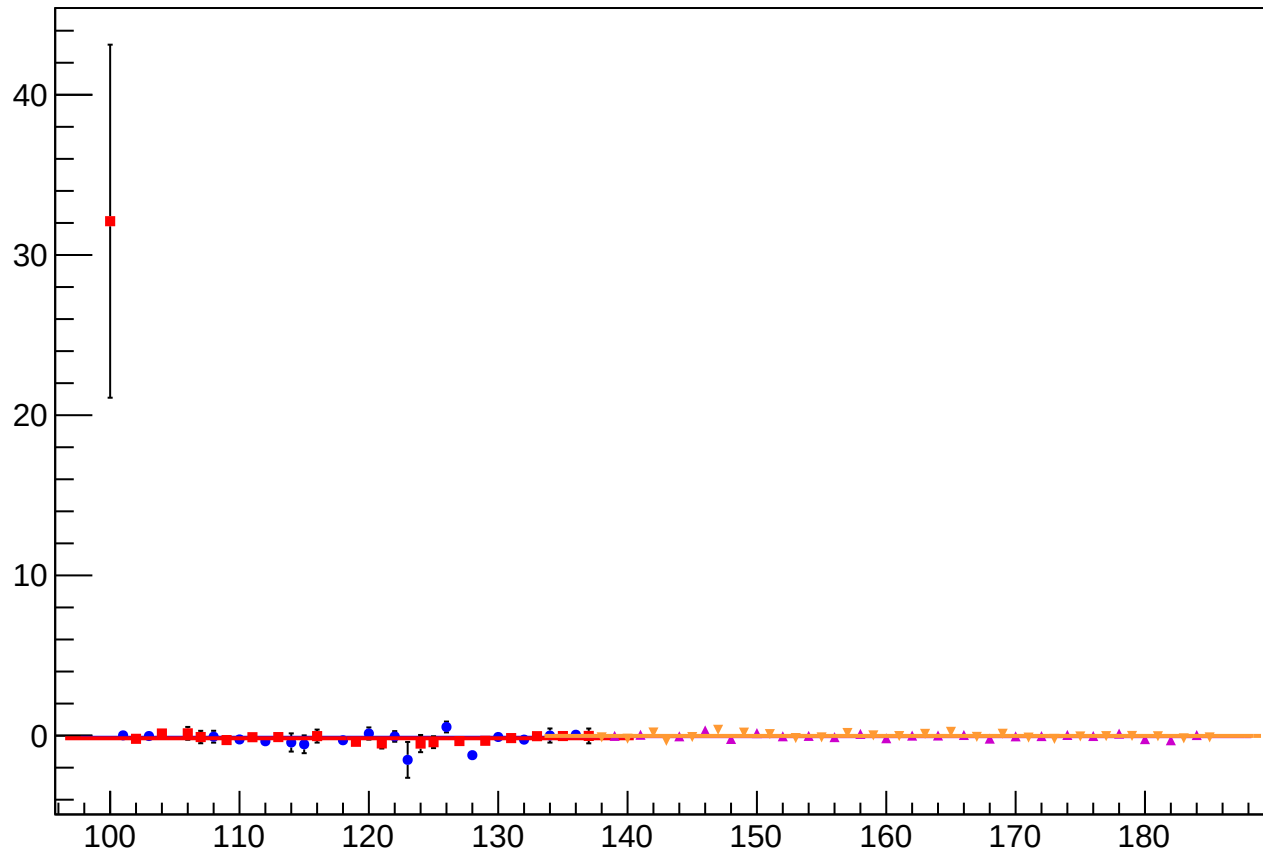
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 45.1/35$

In: -0.059 ± 0.019 $\chi^2/\text{NDF}: 72.4/39$

Out: -0.075 ± 0.019 $\chi^2/\text{NDF}: 45.7/43$

All: -0.067 ± 0.013 $\chi^2/\text{NDF}: 118.6/83$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.018 ± 0.027 χ^2/NDF : 28.9/24

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.035 ± 0.027 χ^2/NDF : 27.7/22

Left: -0.026 ± 0.019 χ^2/NDF : 56.8/47

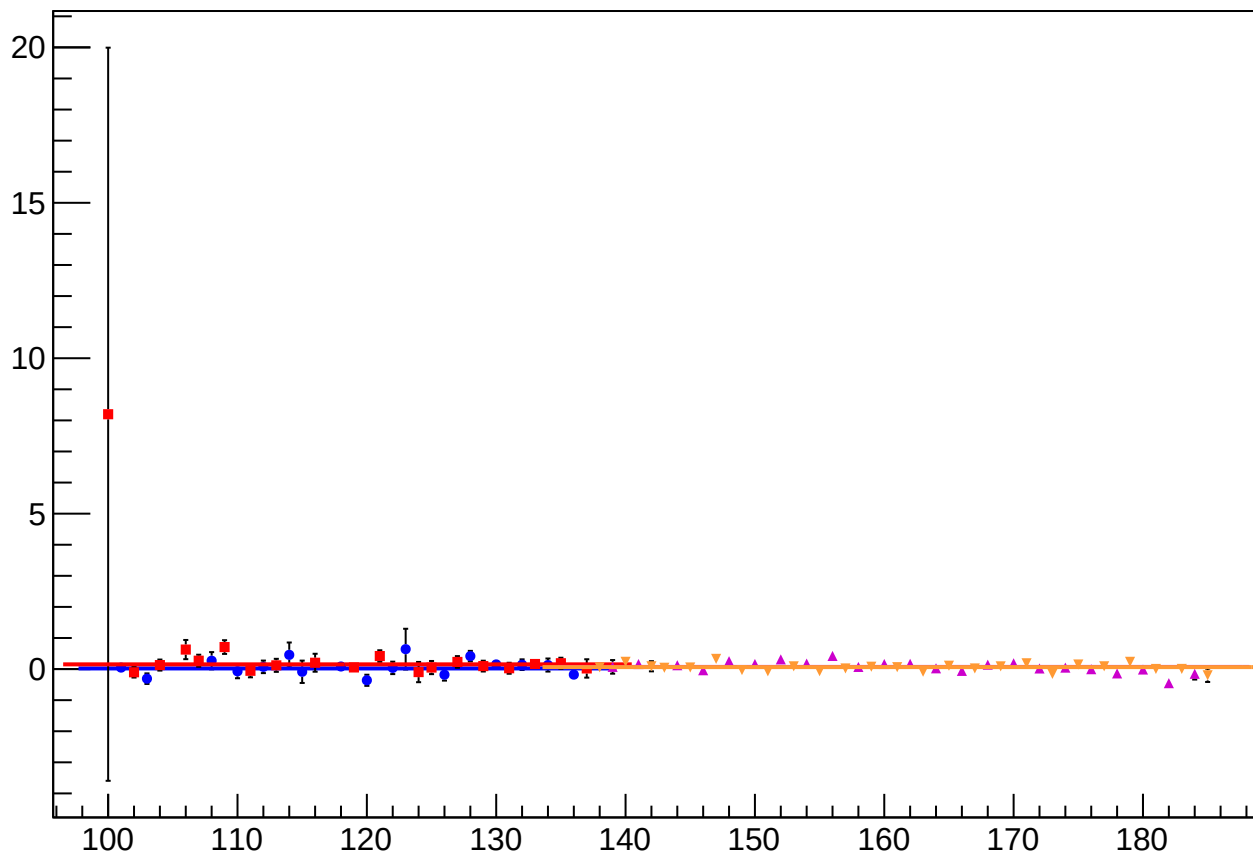
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.049 ± 0.025 χ^2/NDF : 55.3/39

Out: -0.037 ± 0.025 χ^2/NDF : 47.5/43

All: -0.043 ± 0.018 χ^2/NDF : 102.9/83

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.064+/-0.024 χ^2/NDF : 24.6/24

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.069+/-0.025 χ^2/NDF : 51.4/22

Left: 0.066+/-0.017 χ^2/NDF : 76.1/47

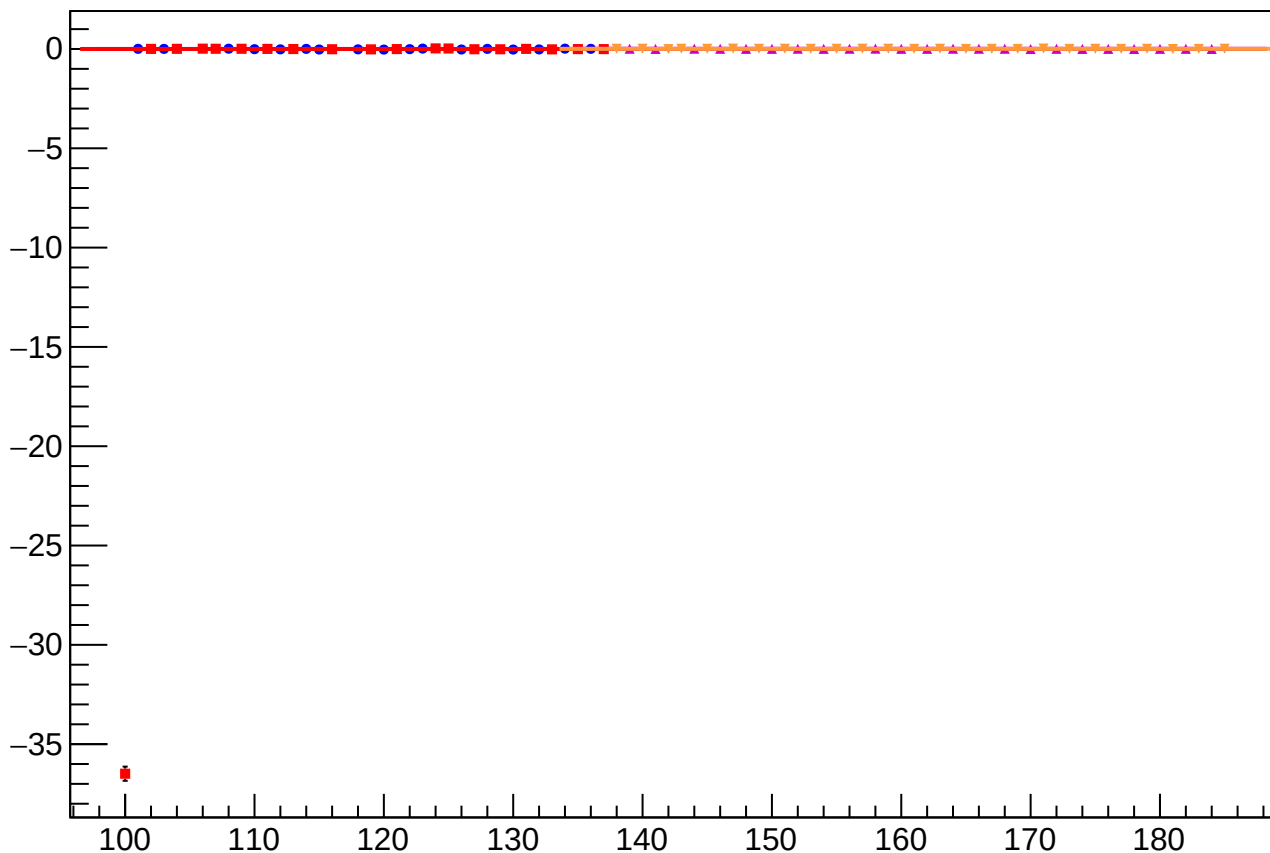
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.057+/-0.021 χ^2/NDF : 74.2/39

Out: 0.083+/-0.021 χ^2/NDF : 44.8/43

All: 0.070+/-0.015 χ^2/NDF : 119.8/83

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.008 $\pm$ 0.001 χ^2 /NDF: 26.2/24

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF: 15.8/22

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 42.3/47

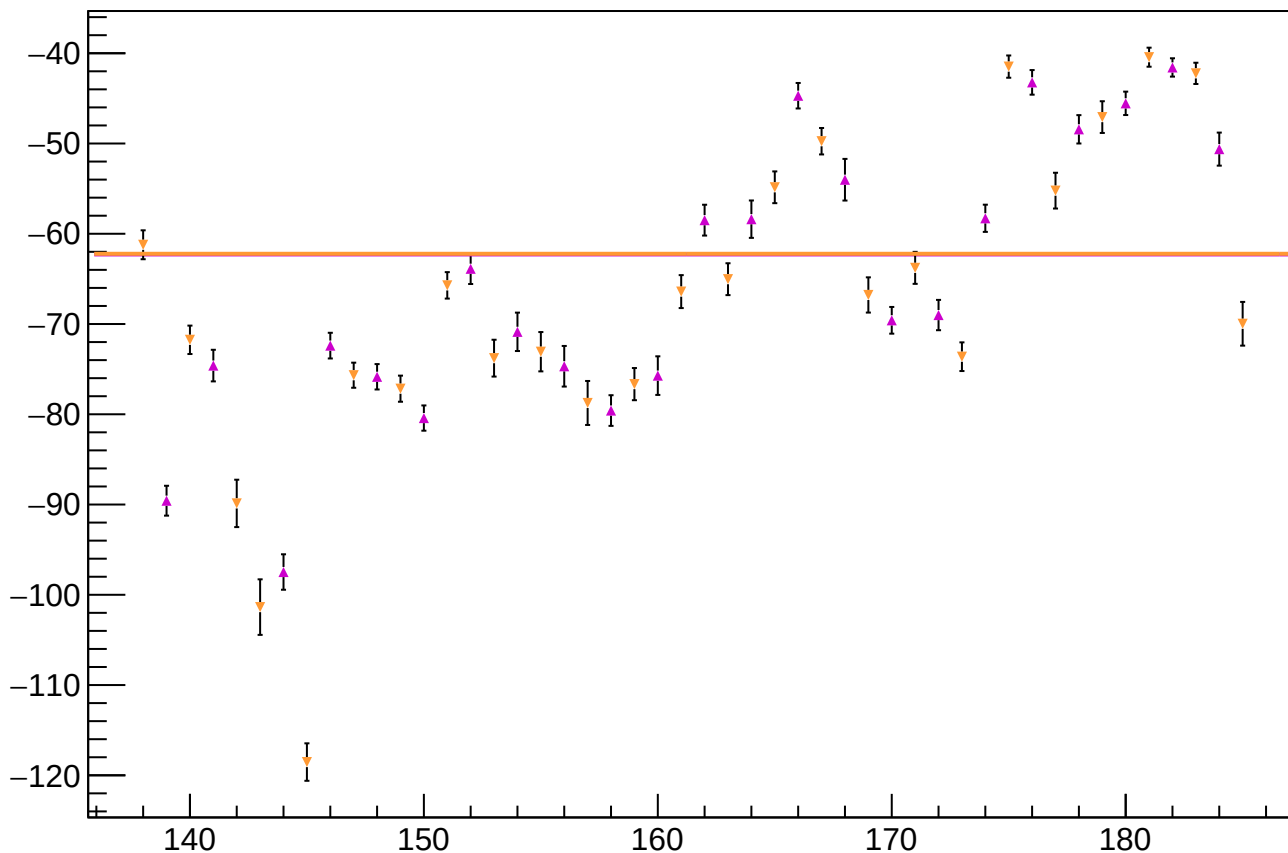
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.007 $\pm$ 0.001 χ^2 /NDF: 58.3/39

Out: 0.007 $\pm$ 0.001 χ^2 /NDF: 10484.4/43

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10542.9/83

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -62.218+/-0.332 χ^2/NDF : 2670.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.290+/-0.331 χ^2/NDF : 2265.0/22

Left: -62.254+/-0.234 χ^2/NDF : 4935.6/47

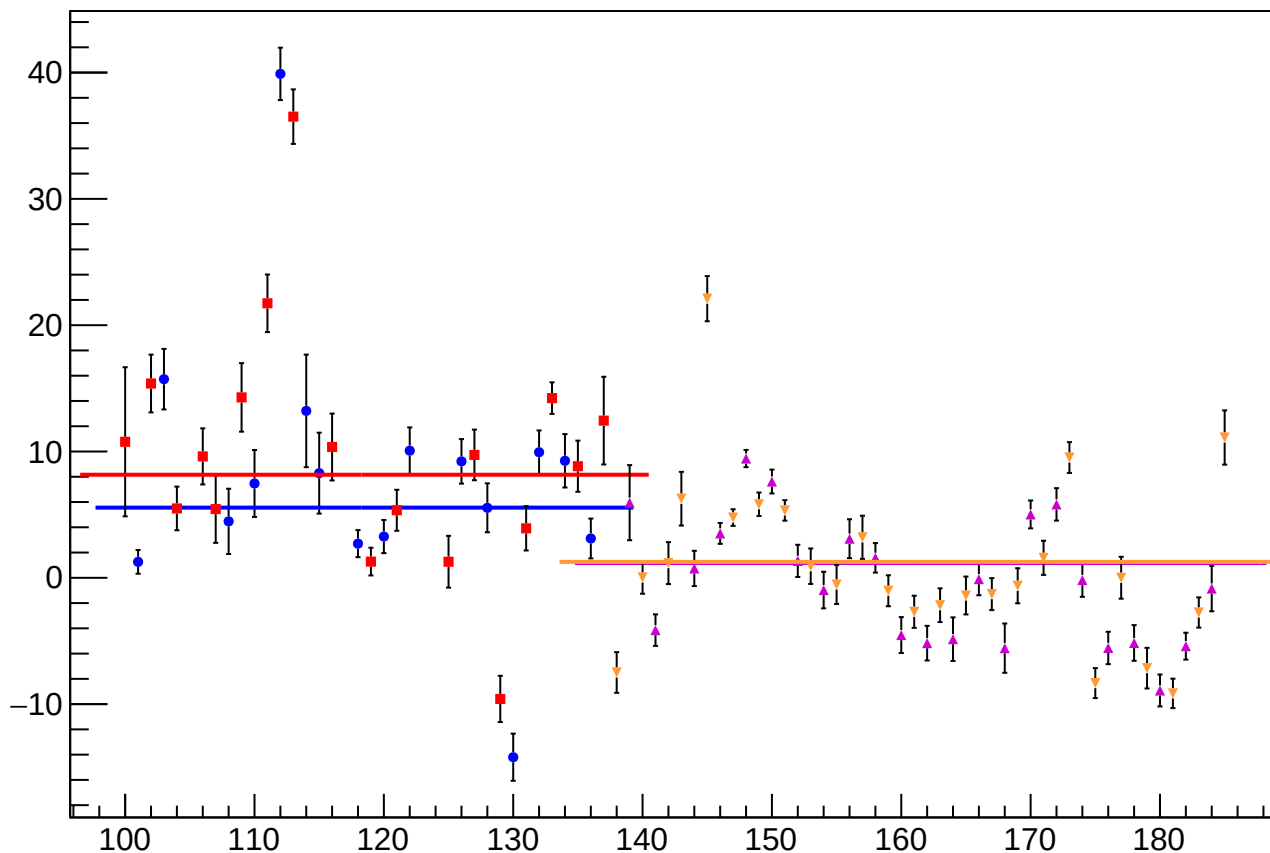
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.290+/-0.331 χ^2/NDF : 2265.0/22

Out: -62.218+/-0.332 χ^2/NDF : 2670.6/24

All: -62.254+/-0.234 χ^2/NDF : 4935.6/47

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 $\chi^2/\text{NDF}: 462.0/15$

Left Out: 1.261 ± 0.251 $\chi^2/\text{NDF}: 532.4/24$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 1.171 ± 0.255 $\chi^2/\text{NDF}: 466.2/22$

Left: 1.217 ± 0.179 $\chi^2/\text{NDF}: 998.7/47$

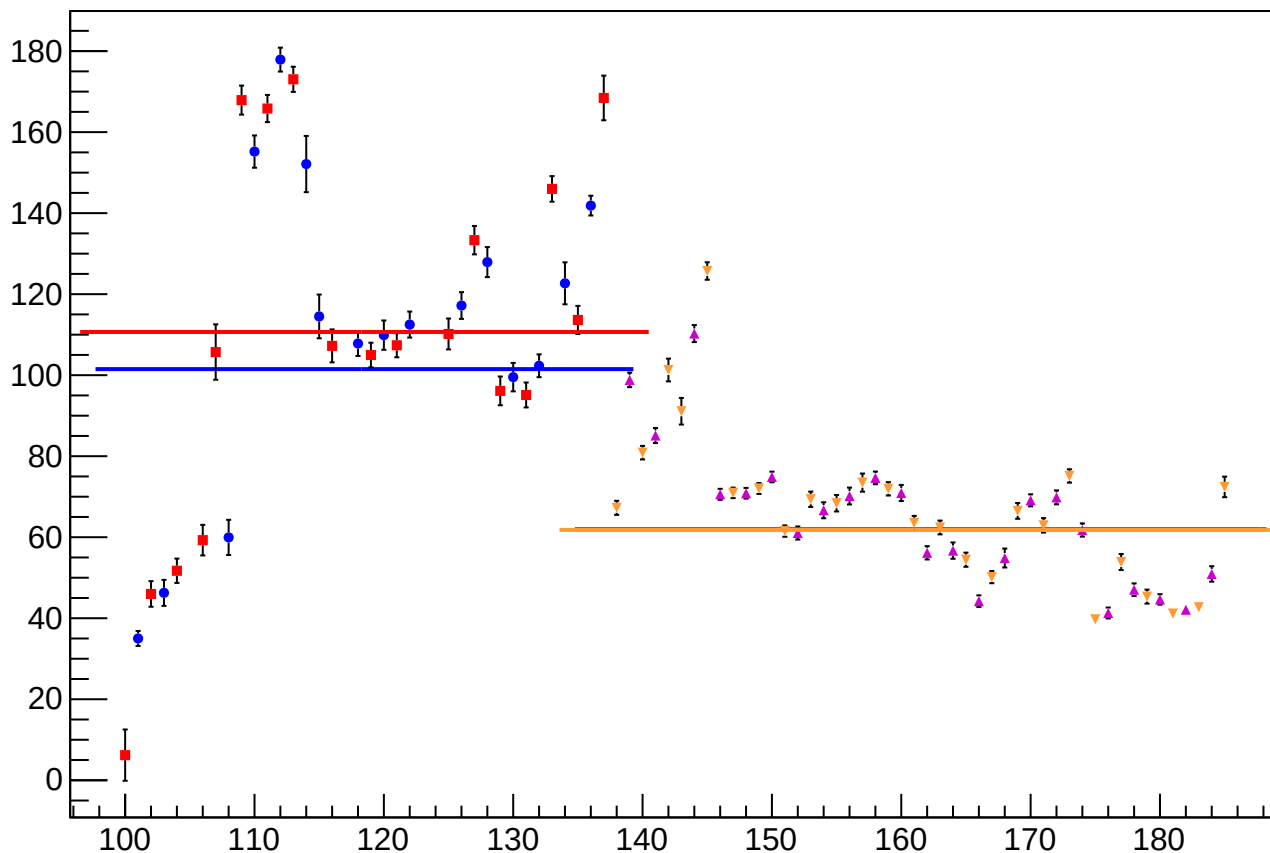
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 2.334 ± 0.218 $\chi^2/\text{NDF}: 1006.9/38$

Out: 2.879 ± 0.219 $\chi^2/\text{NDF}: 1117.0/42$

All: 2.605 ± 0.155 $\chi^2/\text{NDF}: 2127.0/81$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 61.800 $\pm$ 0.331 χ^2 /NDF:2688.1/24

Right Out: 110.670 $\pm$ 0.836 χ^2 /NDF: 2513.7/17

Left In: 61.995 $\pm$ 0.329 χ^2 /NDF:2517.6/22

Left: 61.898 $\pm$ 0.233 χ^2 /NDF: 5205.8/47

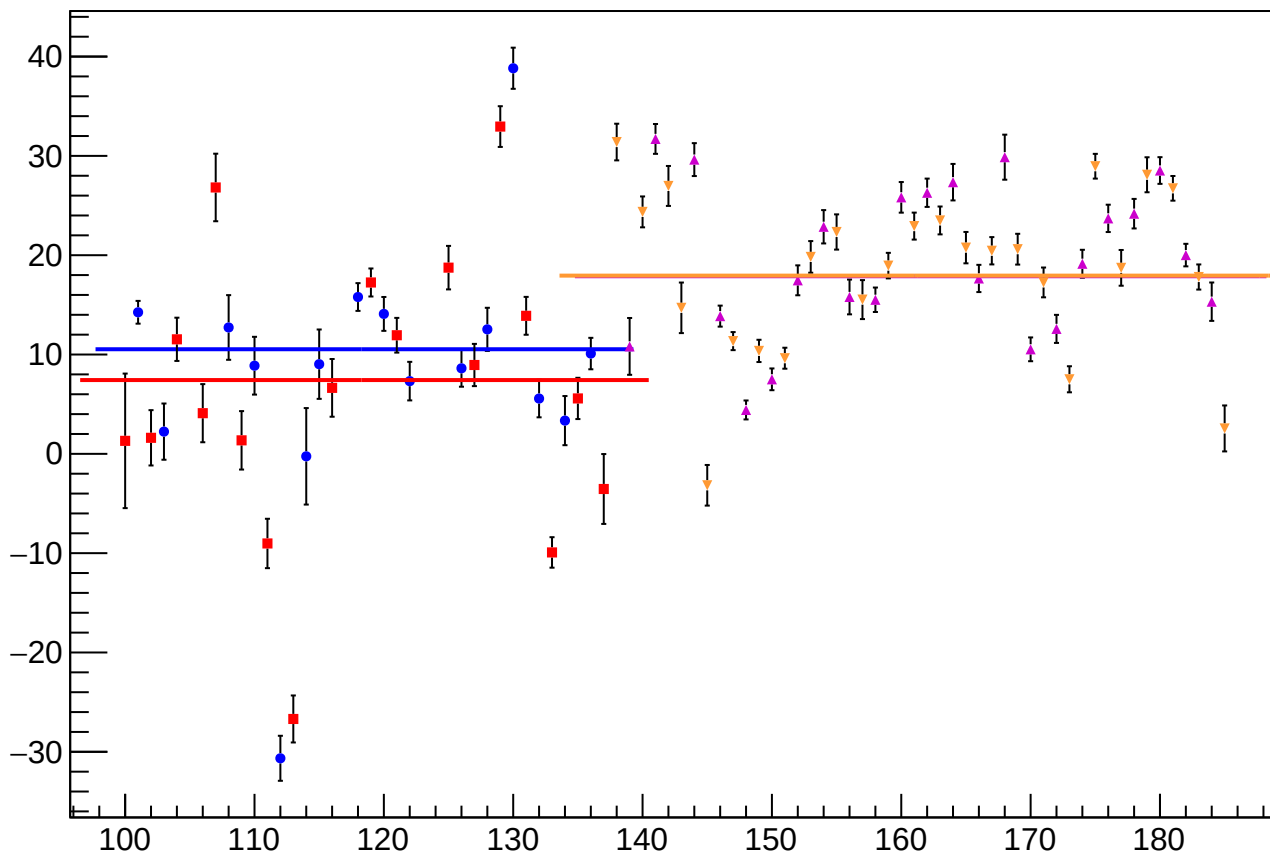
Right: 105.929 $\pm$ 0.581 χ^2 /NDF: 5549.0/33

In: 67.608 $\pm$ 0.305 χ^2 /NDF:7539.7/38

Out: 68.408 $\pm$ 0.307 χ^2 /NDF:8158.0/42

All: 68.004 $\pm$ 0.216 χ^2 /NDF: 15701.2/81

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 ± 0.493 $\chi^2/\text{NDF}: 580.3/15$

Left Out: 17.945 ± 0.289 $\chi^2/\text{NDF}: 676.4/24$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 17.881 ± 0.292 $\chi^2/\text{NDF}: 730.9/22$

Left: 17.913 ± 0.205 $\chi^2/\text{NDF}: 1407.3/47$

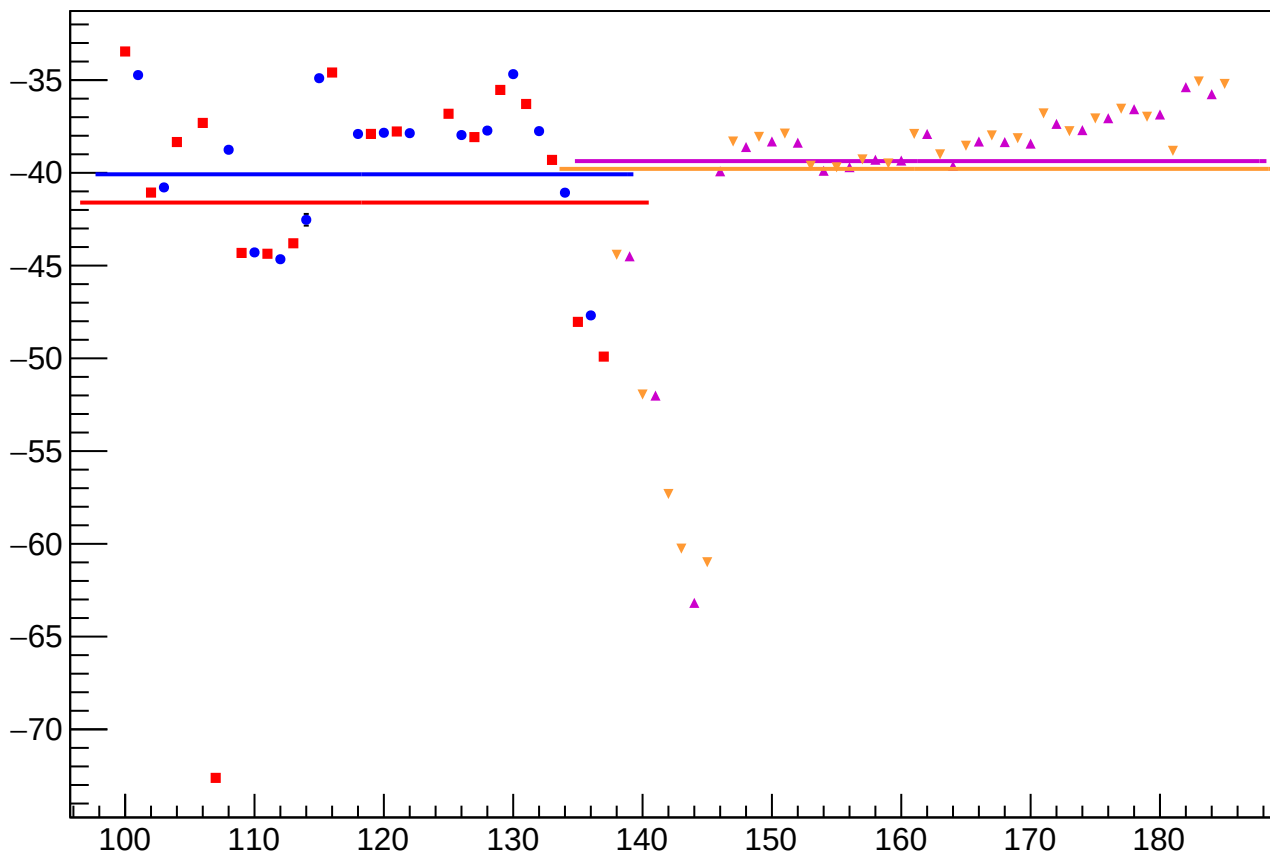
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 15.975 ± 0.251 $\chi^2/\text{NDF}: 1475.9/38$

Out: 15.490 ± 0.253 $\chi^2/\text{NDF}: 1671.5/42$

All: 15.734 ± 0.178 $\chi^2/\text{NDF}: 3149.3/81$

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: -39.786+/-0.014 χ^2/NDF :165509.4/24

Right Out: -41.602+/-0.029 χ^2/NDF : 61856.4/17

Left In: -39.368+/-0.014 χ^2/NDF :117958.1/22

Left: -39.575+/-0.010 χ^2/NDF : 283940.5/47

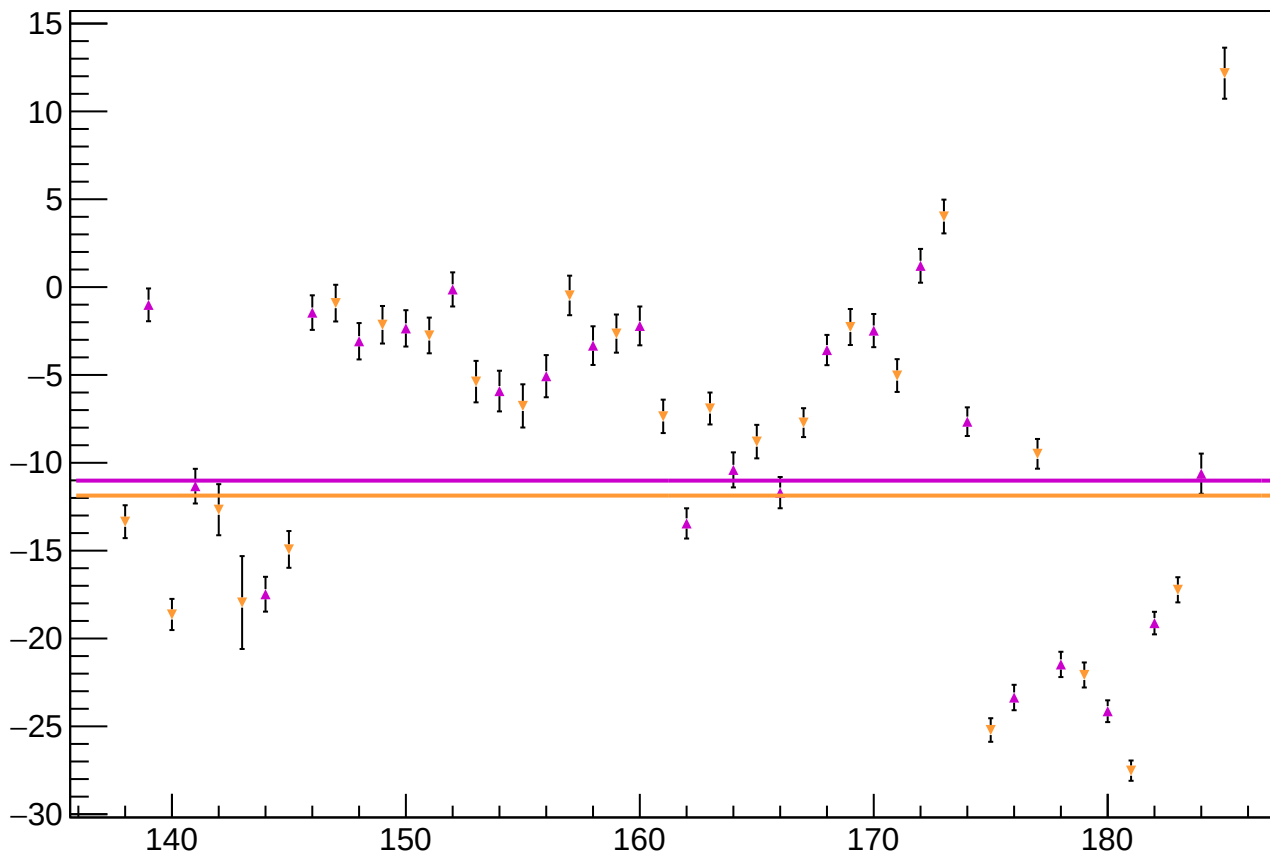
Right: -40.831+/-0.020 χ^2/NDF : 88443.2/33

In: -39.501+/-0.012 χ^2/NDF :143620.6/38

Out: -40.124+/-0.012 χ^2/NDF :230656.0/42

All: -39.810+/-0.009 χ^2/NDF : 375566.5/81

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



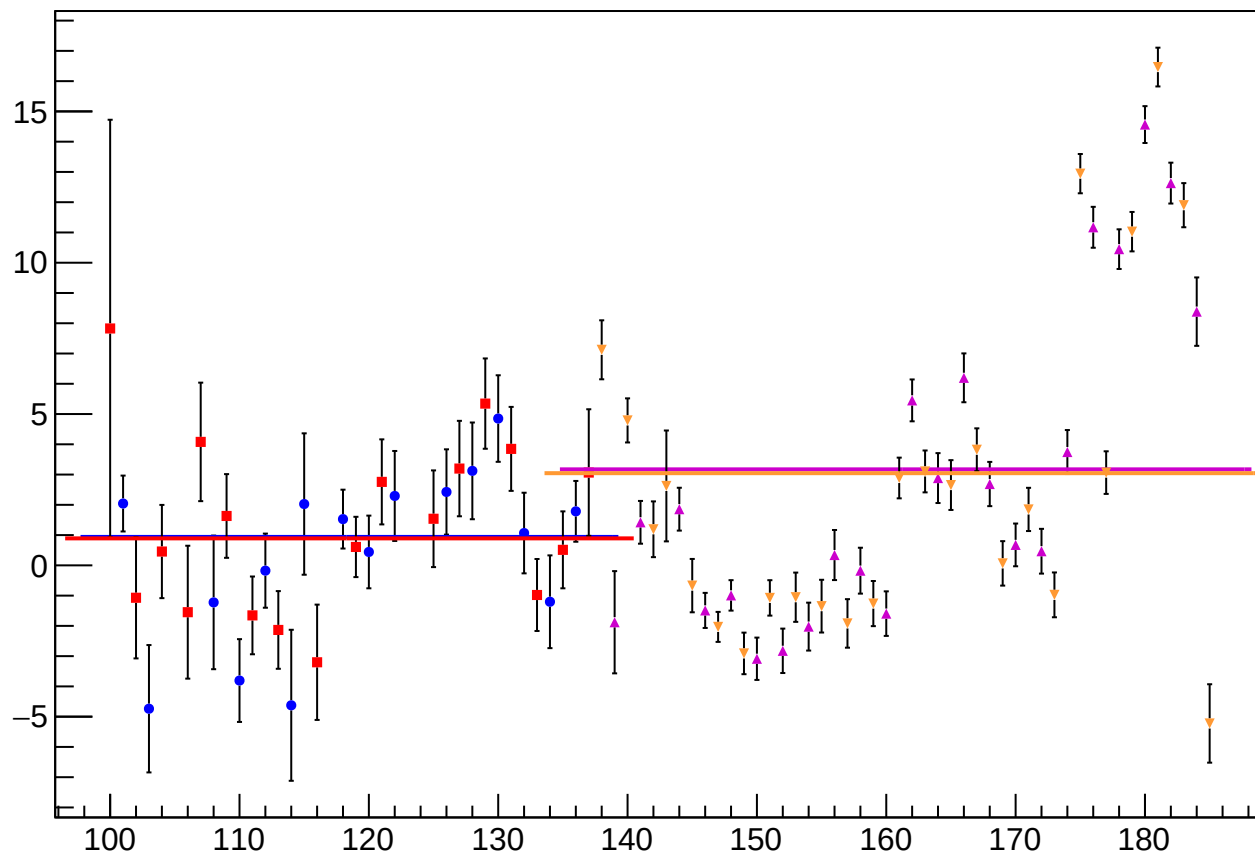
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -11.865 $\pm$ 0.186 χ^2 /NDF:2746.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22

Left: -11.442 $\pm$ 0.132 χ^2 /NDF: 4873.6/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -11.014 $\pm$ 0.187 χ^2 /NDF:2116.6/22
 Out: -11.865 $\pm$ 0.186 χ^2 /NDF:2746.6/24

All: -11.442 $\pm$ 0.132 χ^2 /NDF: 4873.6/47

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: 3.046 ± 0.147 $\chi^2/\text{NDF}: 1457.4/24$

Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$

Left In: 3.172 ± 0.150 $\chi^2/\text{NDF}: 1297.9/22$

Left: 3.108 ± 0.105 $\chi^2/\text{NDF}: 2755.6/47$

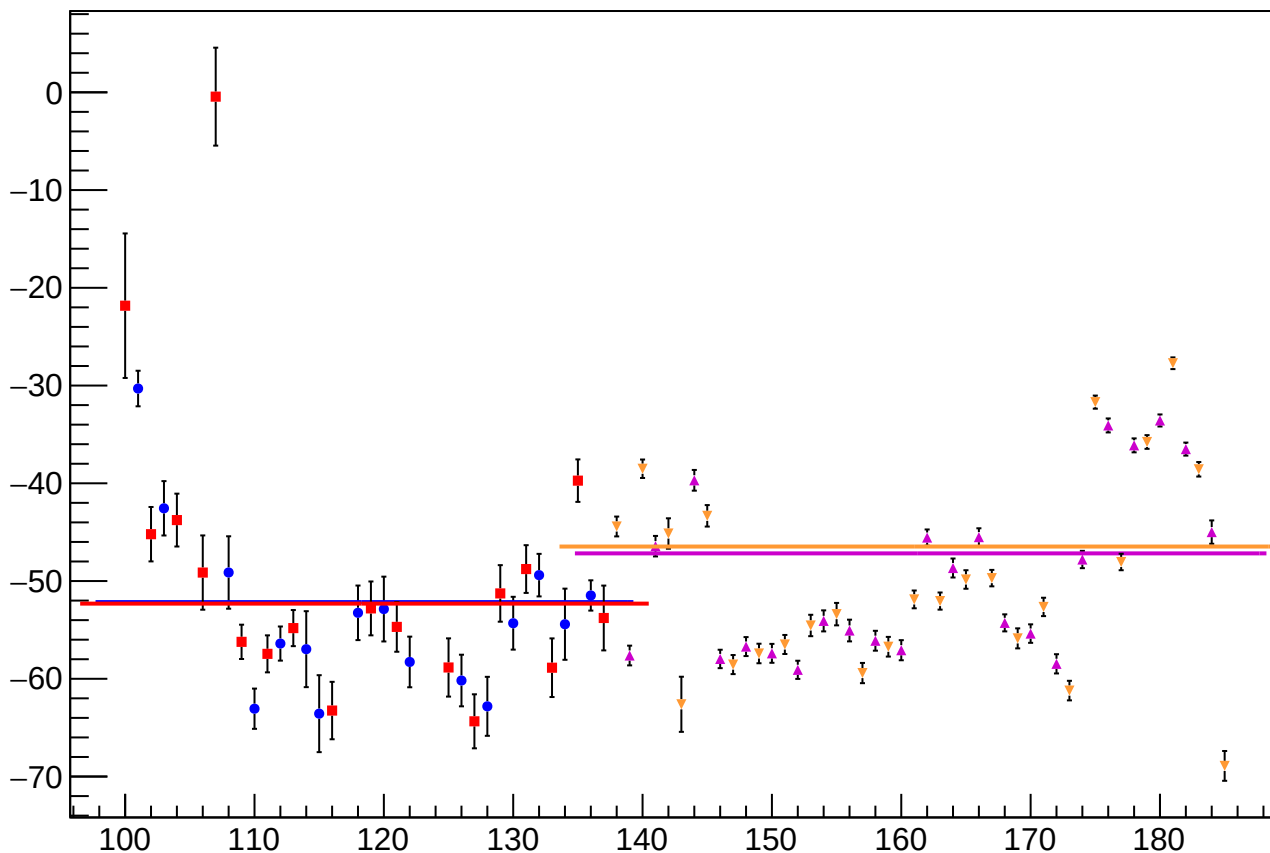
Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$

In: 2.808 ± 0.137 $\chi^2/\text{NDF}: 1376.5/38$

Out: 2.727 ± 0.136 $\chi^2/\text{NDF}: 1530.6/42$

All: 2.767 ± 0.096 $\chi^2/\text{NDF}: 2907.3/81$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.470 ± 0.186 χ^2/NDF : 3320.8/24

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -47.170 ± 0.186 χ^2/NDF : 2526.3/22

Left: -46.819 ± 0.132 χ^2/NDF : 5854.1/47

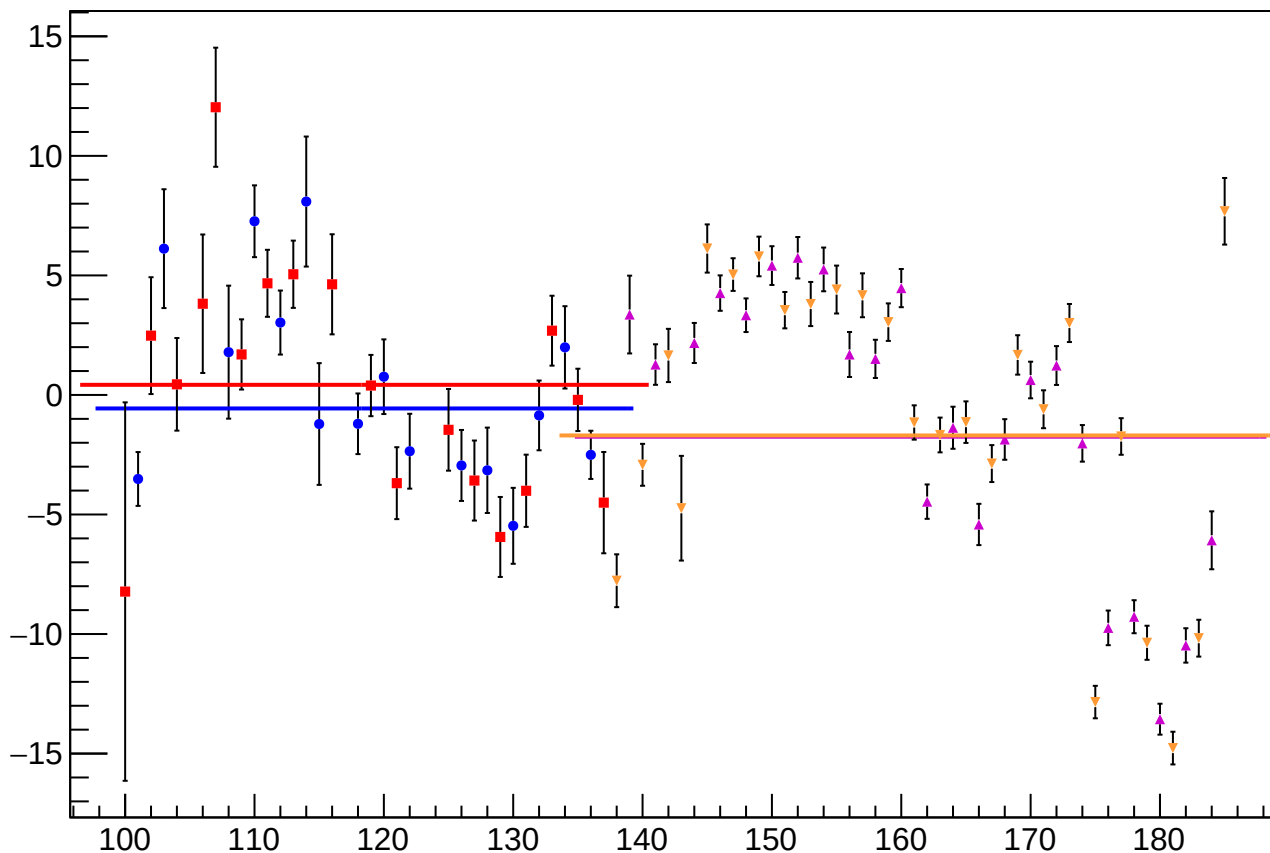
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -47.592 ± 0.178 χ^2/NDF : 2817.9/38

Out: -46.959 ± 0.178 χ^2/NDF : 3638.0/42

All: -47.275 ± 0.126 χ^2/NDF : 6462.2/81

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: -1.694 ± 0.166 χ^2/NDF : 1485.8/24

Right Out: 0.423 ± 0.400 χ^2/NDF : 95.3/17

Left In: -1.746 ± 0.168 χ^2/NDF : 1254.1/22

Left: -1.720 ± 0.118 χ^2/NDF : 2740.0/47

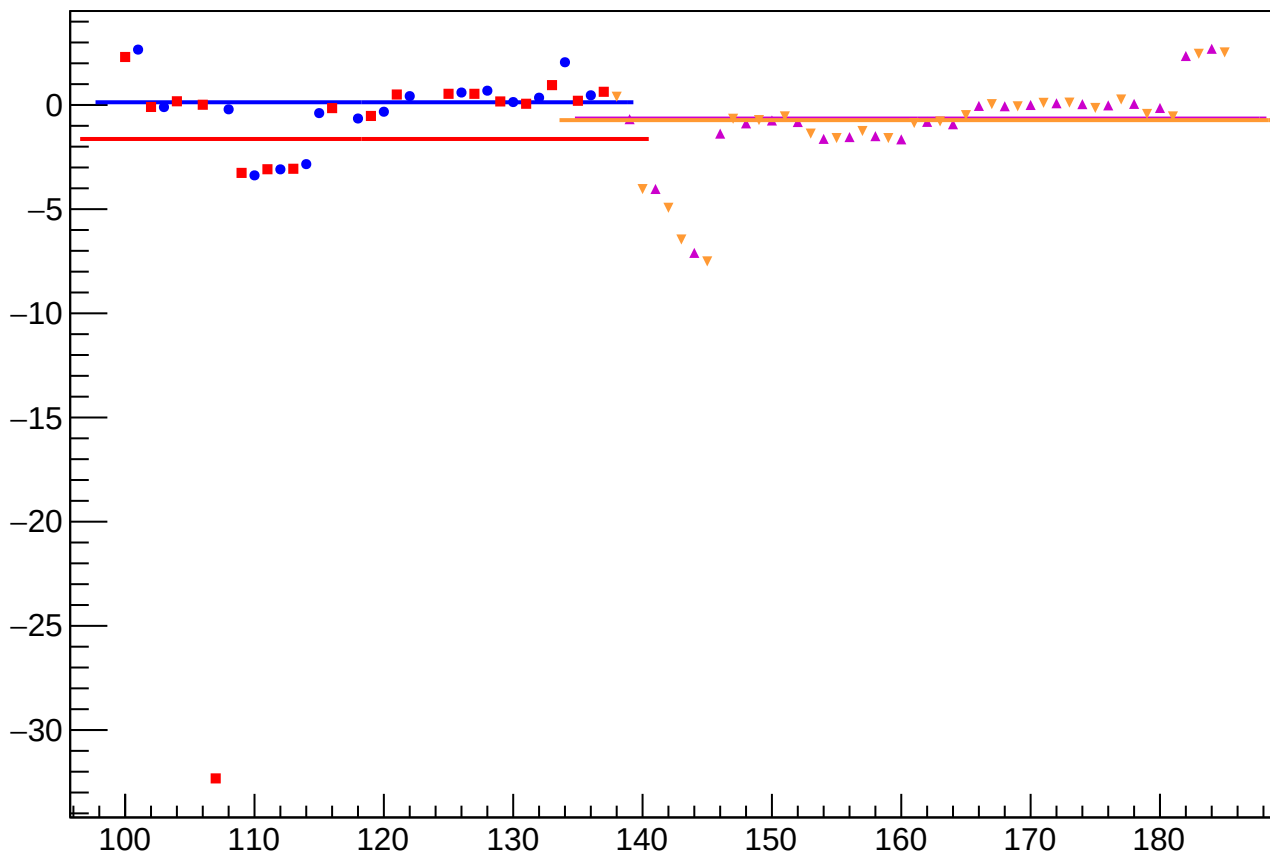
Right: -0.090 ± 0.277 χ^2/NDF : 180.3/33

In: -1.556 ± 0.154 χ^2/NDF : 1343.9/38

Out: -1.381 ± 0.154 χ^2/NDF : 1605.0/42

All: -1.468 ± 0.109 χ^2/NDF : 2949.5/81

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.727 ± 0.008 $\chi^2/\text{NDF}: 56412.7/24$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.651 ± 0.008 $\chi^2/\text{NDF}: 44167.1/22$

Left: -0.689 ± 0.005 $\chi^2/\text{NDF}: 100629.3/47$

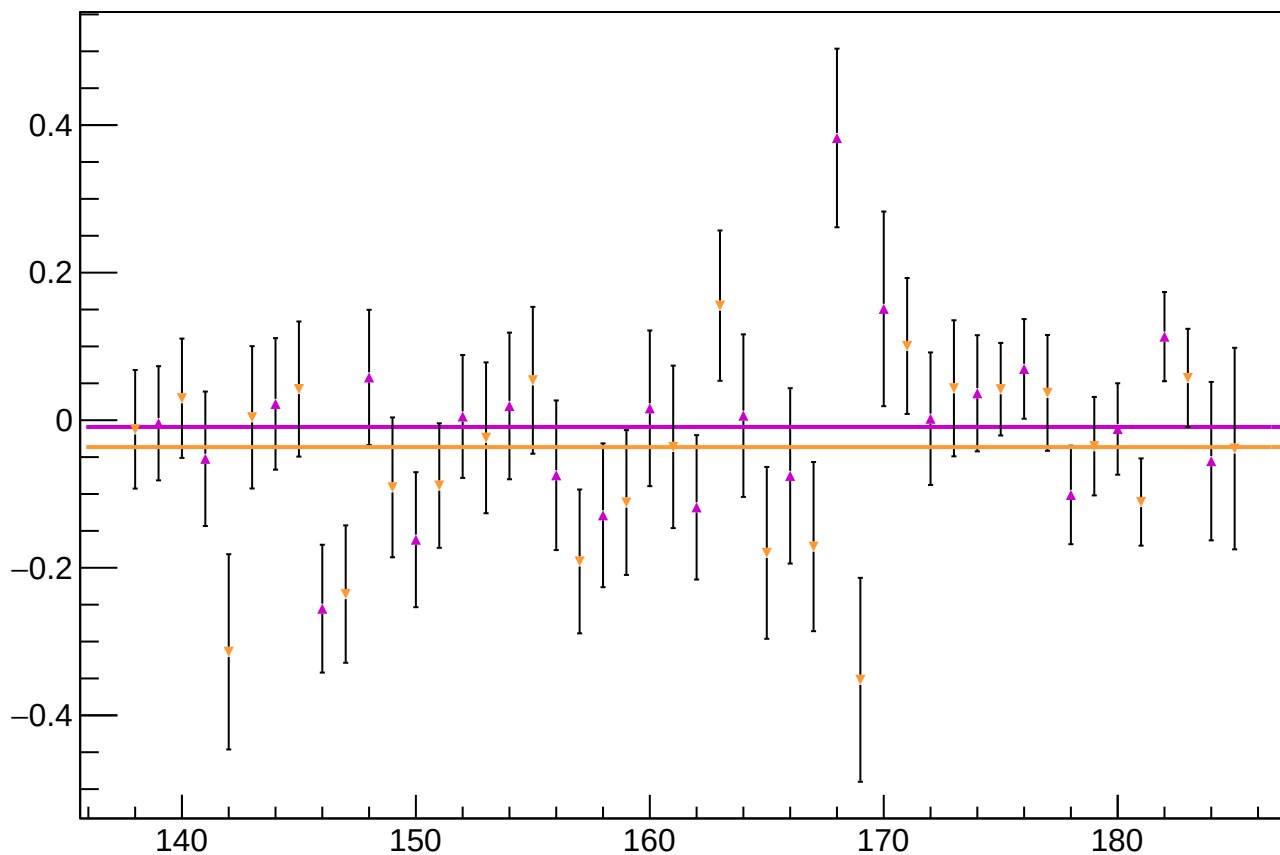
Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$

In: -0.564 ± 0.007 $\chi^2/\text{NDF}: 50572.9/38$

Out: -0.826 ± 0.007 $\chi^2/\text{NDF}: 135820.5/42$

All: -0.695 ± 0.005 $\chi^2/\text{NDF}: 187055.8/81$

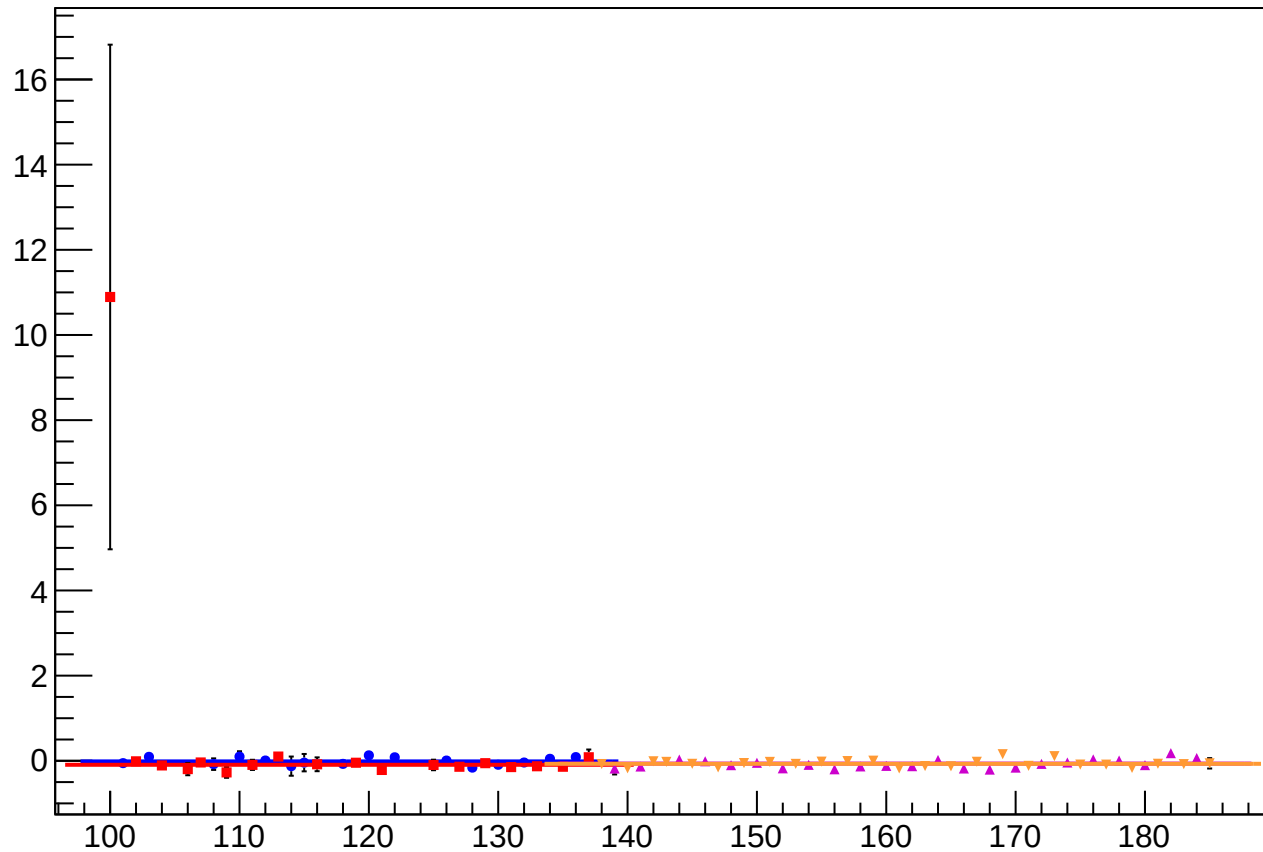
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22

Left: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.4/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.009 $\pm$ 0.018 χ^2 /NDF:35.3/22
 Out: -0.036 $\pm$ 0.018 χ^2 /NDF:35.9/24
 All: -0.023 $\pm$ 0.013 χ^2 /NDF: 72.4/47

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 χ^2/NDF : 12.5/15

Left Out: -0.071 ± 0.014 χ^2/NDF : 28.3/24

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.065 ± 0.014 χ^2/NDF : 40.4/22

Left: -0.068 ± 0.010 χ^2/NDF : 68.7/47

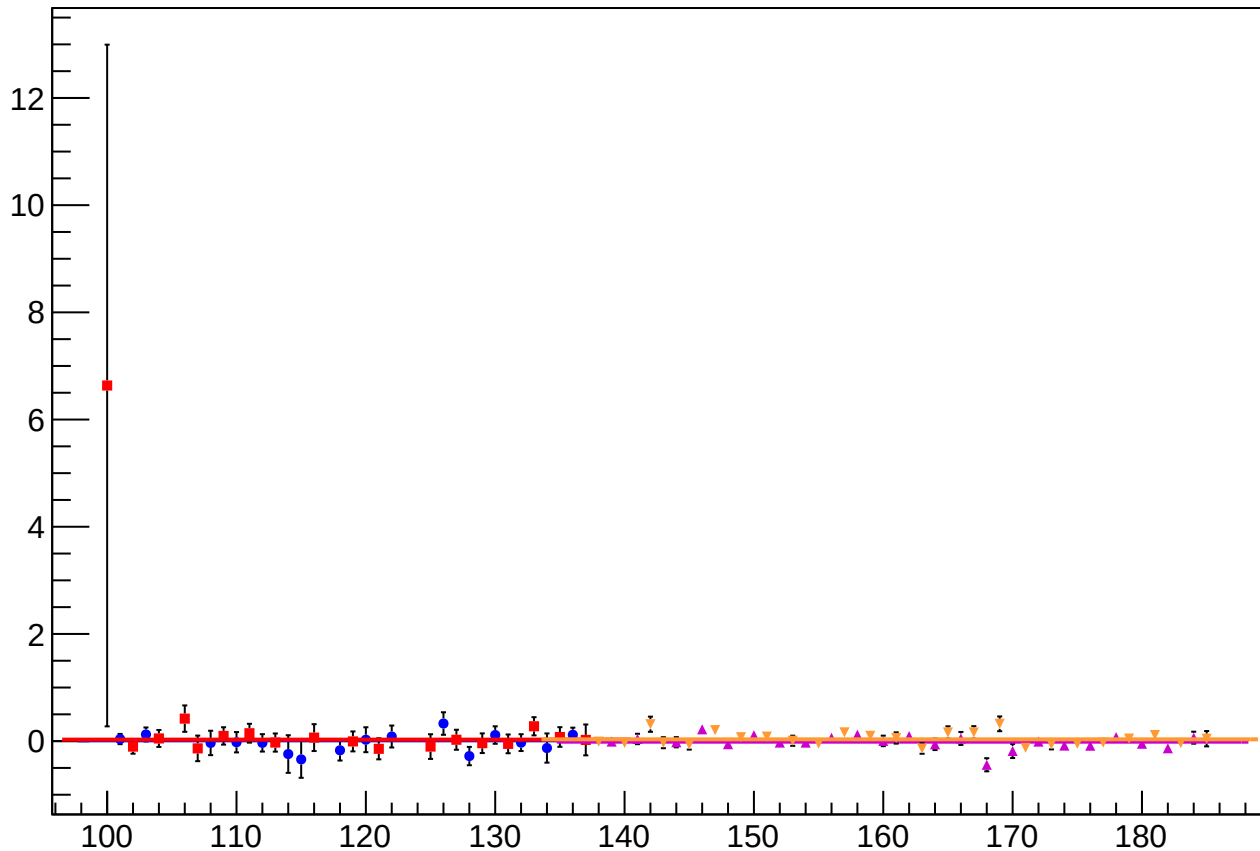
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.051 ± 0.012 χ^2/NDF : 56.4/38

Out: -0.076 ± 0.012 χ^2/NDF : 42.5/42

All: -0.064 ± 0.009 χ^2/NDF : 100.9/81

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.034 $\pm$ 0.018 χ^2 /NDF:32.9/24

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 9.5/17

Left In: -0.010 $\pm$ 0.018 χ^2 /NDF:37.1/22

Left: 0.012 $\pm$ 0.013 χ^2 /NDF: 73.0/47

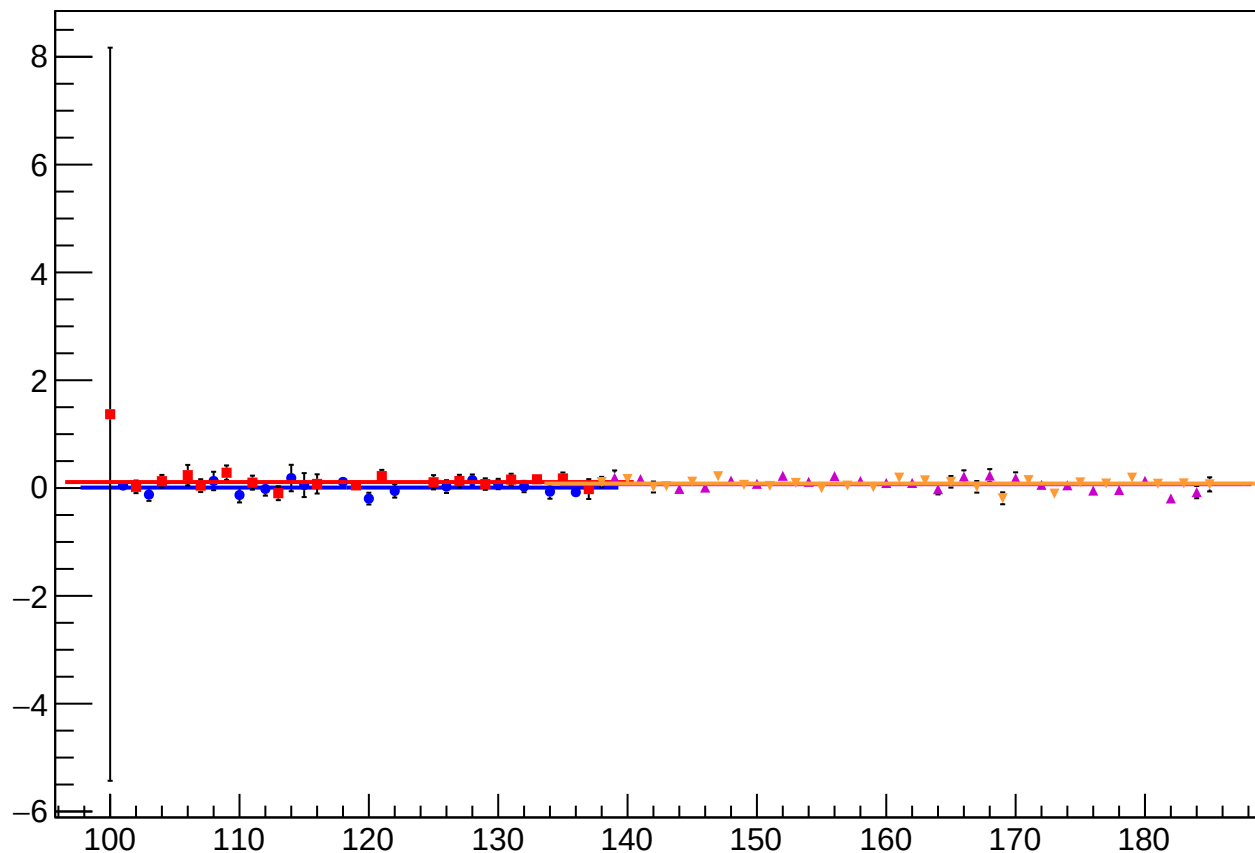
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 19.7/33

In: -0.006 $\pm$ 0.017 χ^2 /NDF:47.5/38

Out: 0.033 $\pm$ 0.016 χ^2 /NDF:42.4/42

All: 0.013 $\pm$ 0.012 χ^2 /NDF: 92.7/81

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.084 $\pm$ 0.016 χ^2 /NDF:28.1/24

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/17

Left In: 0.071 $\pm$ 0.016 χ^2 /NDF:44.0/22

Left: 0.078 $\pm$ 0.011 χ^2 /NDF: 72.4/47

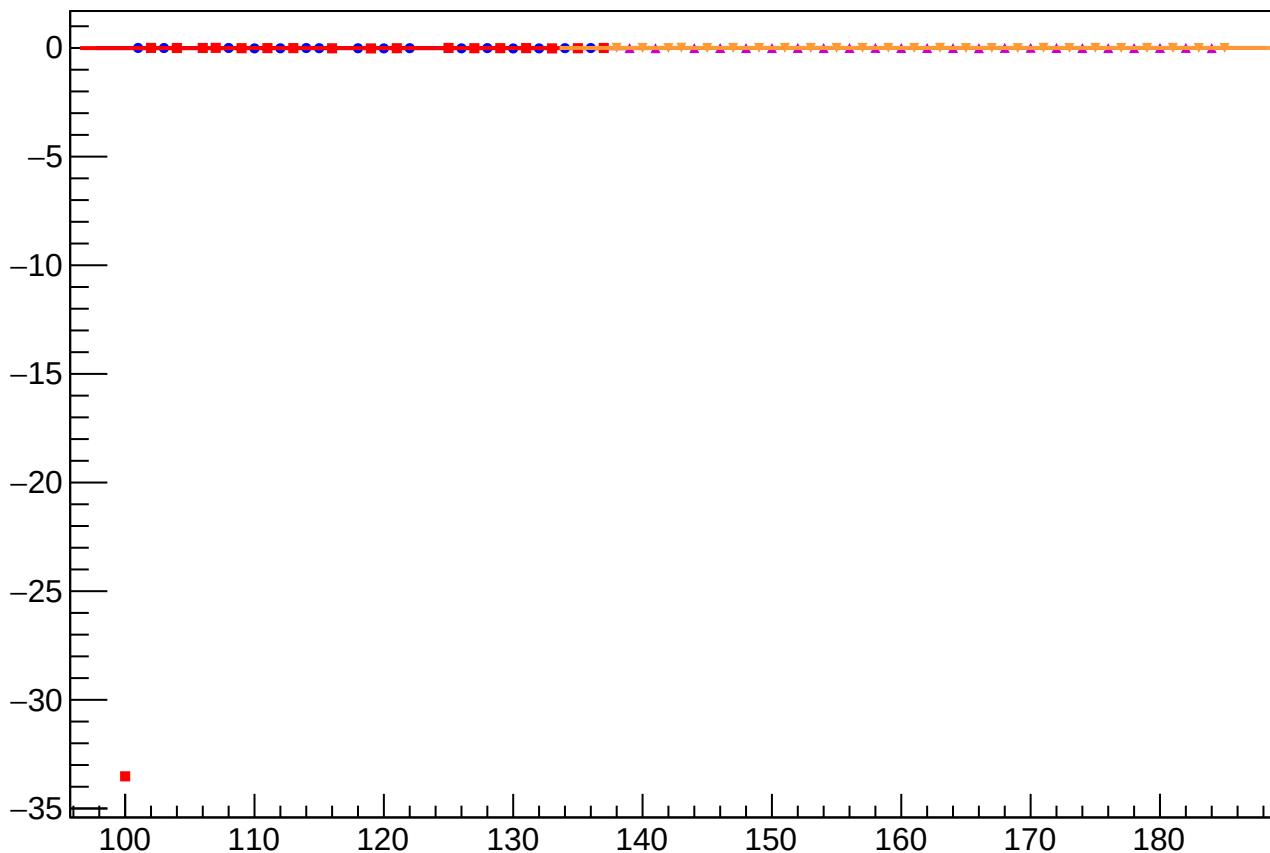
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/33

In: 0.055 $\pm$ 0.014 χ^2 /NDF:60.5/38

Out: 0.090 $\pm$ 0.014 χ^2 /NDF:37.5/42

All: 0.073 $\pm$ 0.010 χ^2 /NDF: 101.3/81

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:26.1/24

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:22.4/22

Left: 0.000 $\pm$ 0.001 χ^2 /NDF: 48.6/47

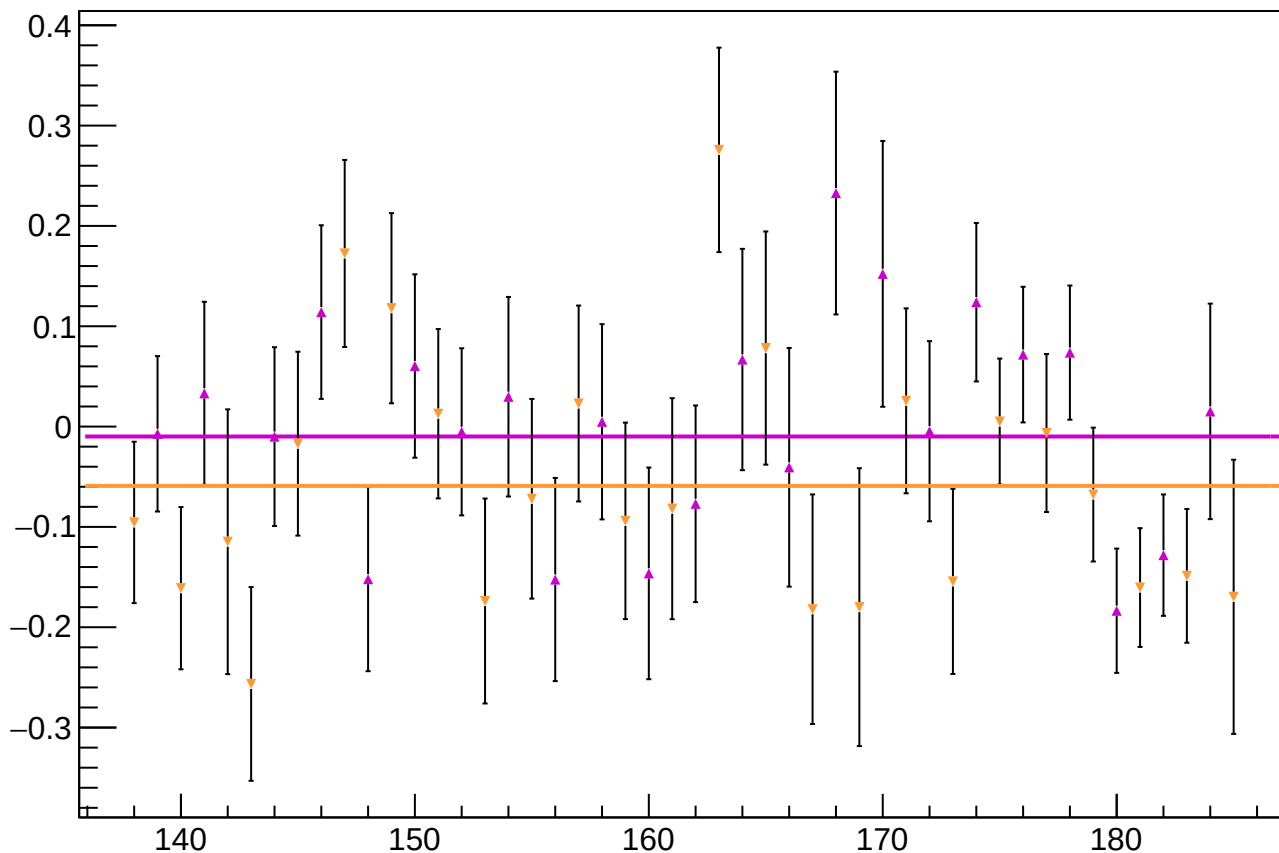
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:57.0/38

Out: -0.001 $\pm$ 0.001 χ^2 /NDF:26551.1/42

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26608.2/81

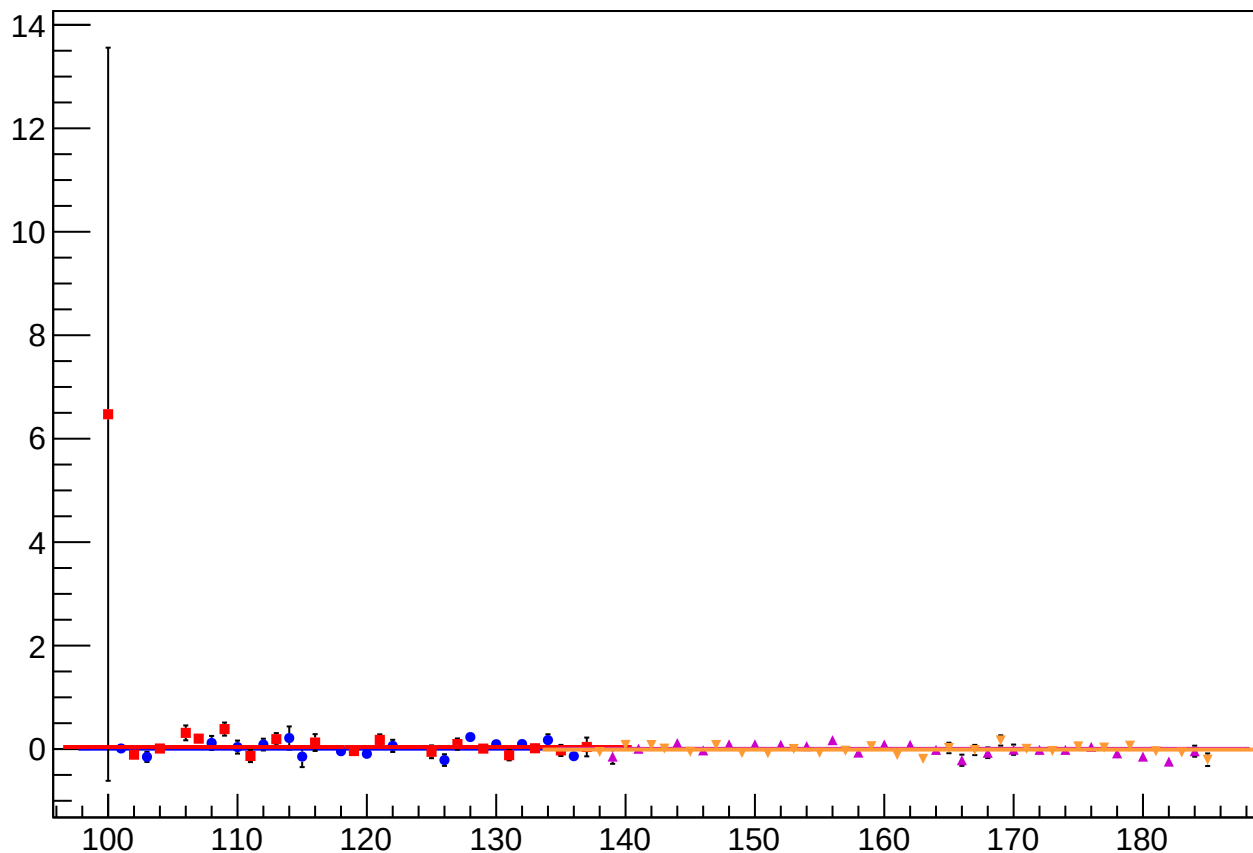
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.059 $\pm$ 0.018 χ^2 /NDF:41.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22

Left: -0.035 $\pm$ 0.013 χ^2 /NDF: 78.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.010 $\pm$ 0.018 χ^2 /NDF:33.3/22
 Out: -0.059 $\pm$ 0.018 χ^2 /NDF:41.8/24
 All: -0.035 $\pm$ 0.013 χ^2 /NDF: 78.9/47

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008+/-0.023 χ^2/NDF : 23.7/15

Left Out: -0.010+/-0.014 χ^2/NDF : 29.6/24

Right Out: 0.039+/-0.025 χ^2/NDF : 28.4/17

Left In: 0.004+/-0.014 χ^2/NDF : 50.3/22

Left: -0.003+/-0.010 χ^2/NDF : 80.4/47

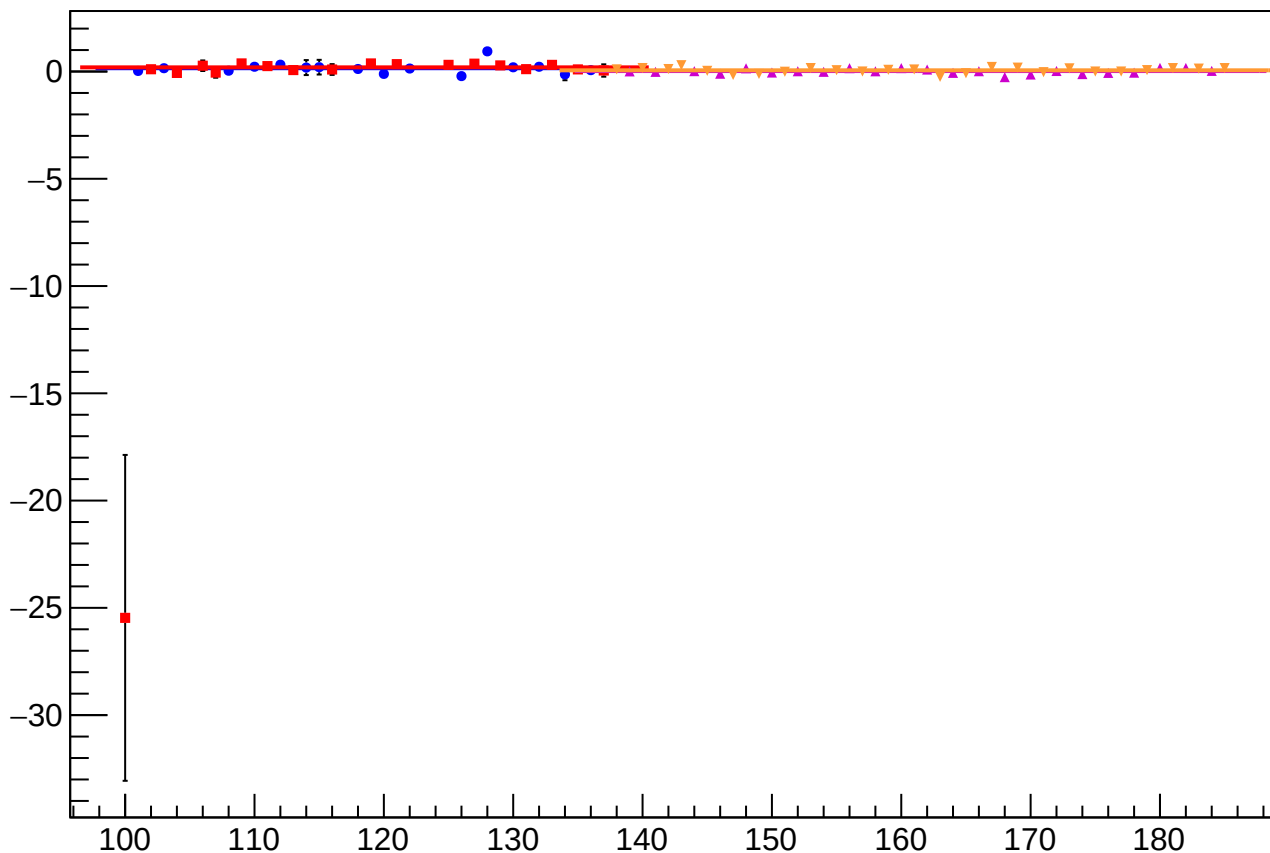
Right: 0.023+/-0.017 χ^2/NDF : 52.9/33

In: 0.005+/-0.012 χ^2/NDF : 74.0/38

Out: 0.002+/-0.012 χ^2/NDF : 61.1/42

All: 0.003+/-0.009 χ^2/NDF : 135.1/81

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.055 $\pm$ 0.018 χ^2 /NDF: 41.1/24

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF: 34.0/22

Left: 0.038 $\pm$ 0.013 χ^2 /NDF: 76.9/47

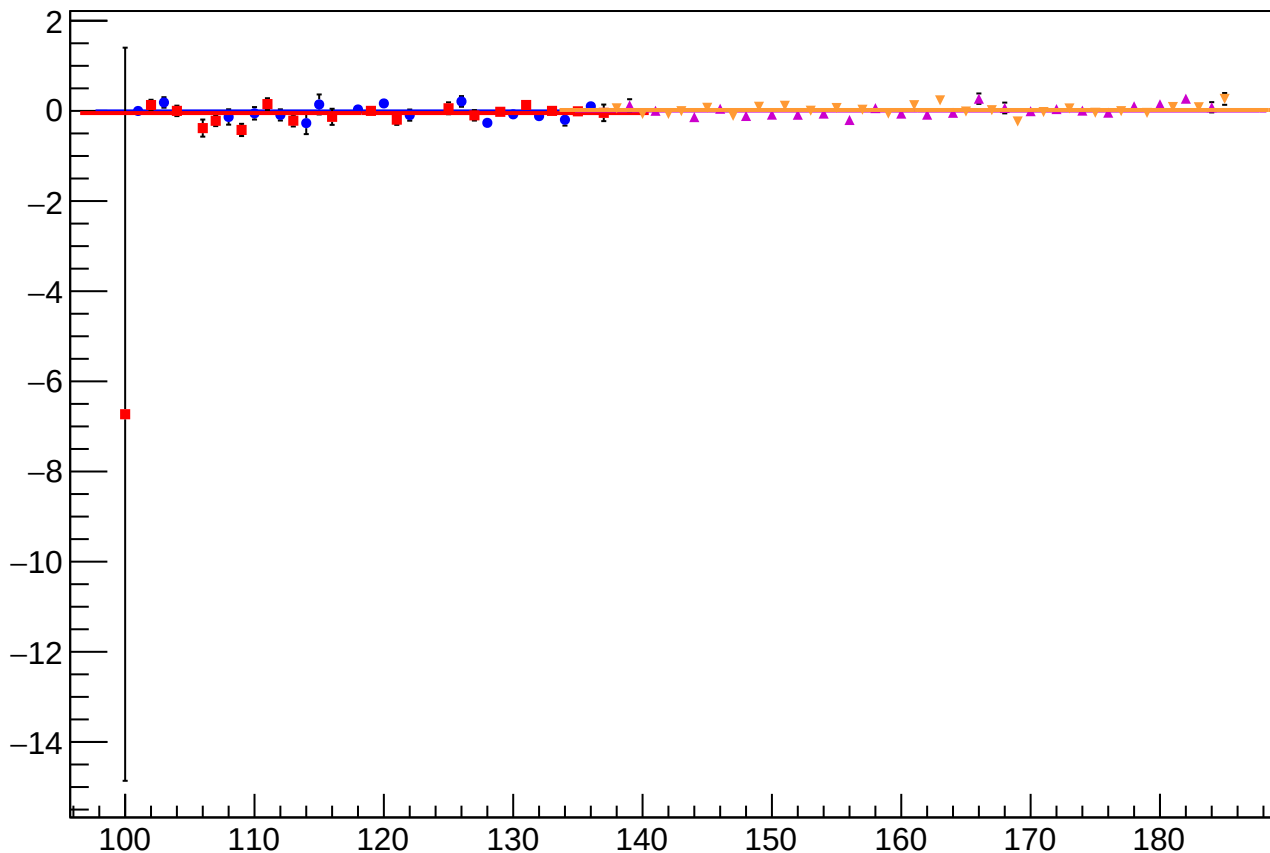
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.041 $\pm$ 0.017 χ^2 /NDF: 72.7/38

Out: 0.074 $\pm$ 0.016 χ^2 /NDF: 71.2/42

All: 0.058 $\pm$ 0.012 χ^2 /NDF: 145.8/81

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: 0.020 ± 0.016 χ^2/NDF : 33.4/24

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: 0.007 ± 0.016 χ^2/NDF : 50.7/22

Left: 0.014 ± 0.011 χ^2/NDF : 84.4/47

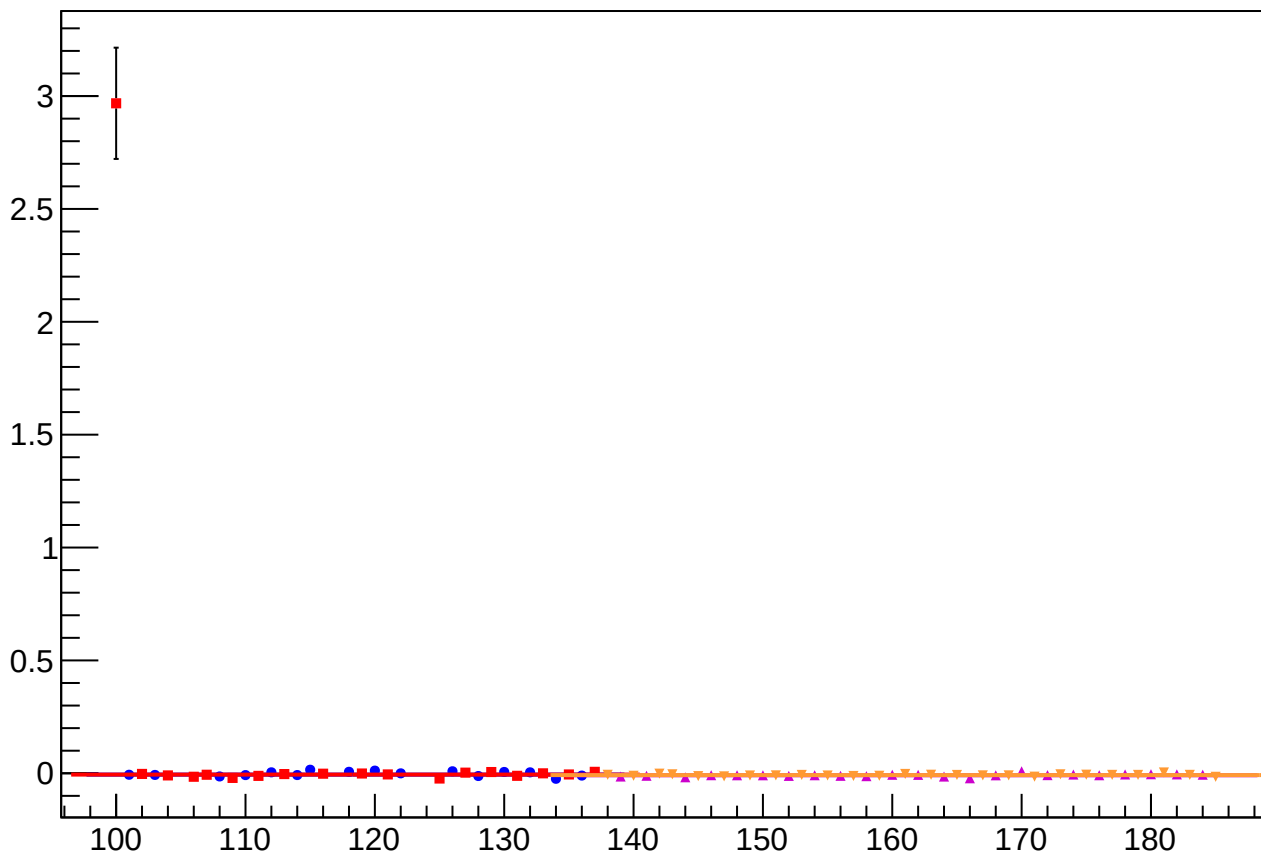
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: 0.002 ± 0.014 χ^2/NDF : 74.4/38

Out: 0.004 ± 0.014 χ^2/NDF : 64.1/42

All: 0.003 ± 0.010 χ^2/NDF : 138.5/81

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.001 χ^2 /NDF: 28.7/15

Left Out: -0.008 $\pm$ 0.001 χ^2 /NDF:32.8/24

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 165.2/17

Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:39.2/22

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 72.4/47

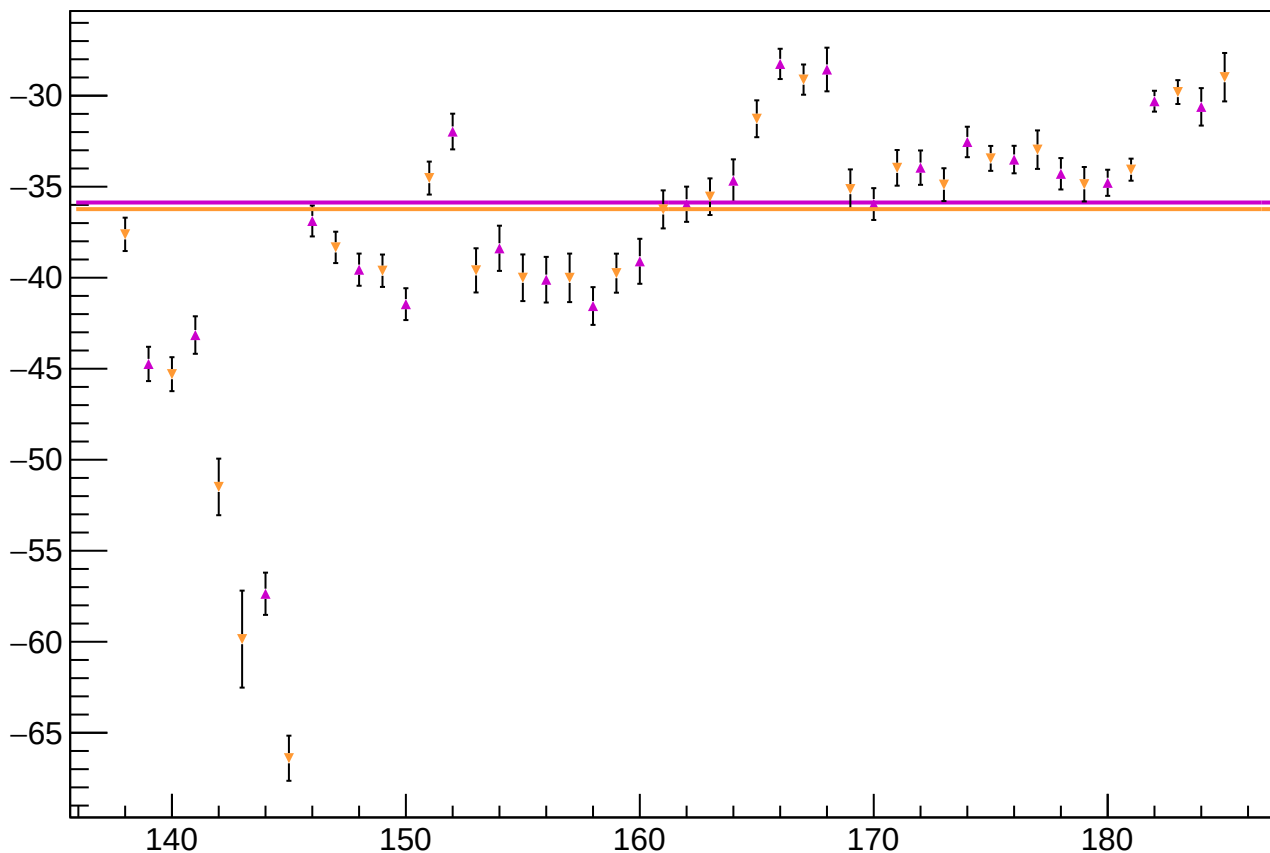
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 193.9/33

In: -0.008 $\pm$ 0.001 χ^2 /NDF:71.0/38

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:199.9/42

All: -0.008 $\pm$ 0.000 χ^2 /NDF: 271.3/81

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -36.233+/-0.191 χ^2/NDF :1196.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -35.869+/-0.191 χ^2/NDF :887.1/22

Left: -36.050+/-0.135 χ^2/NDF : 2085.7/47

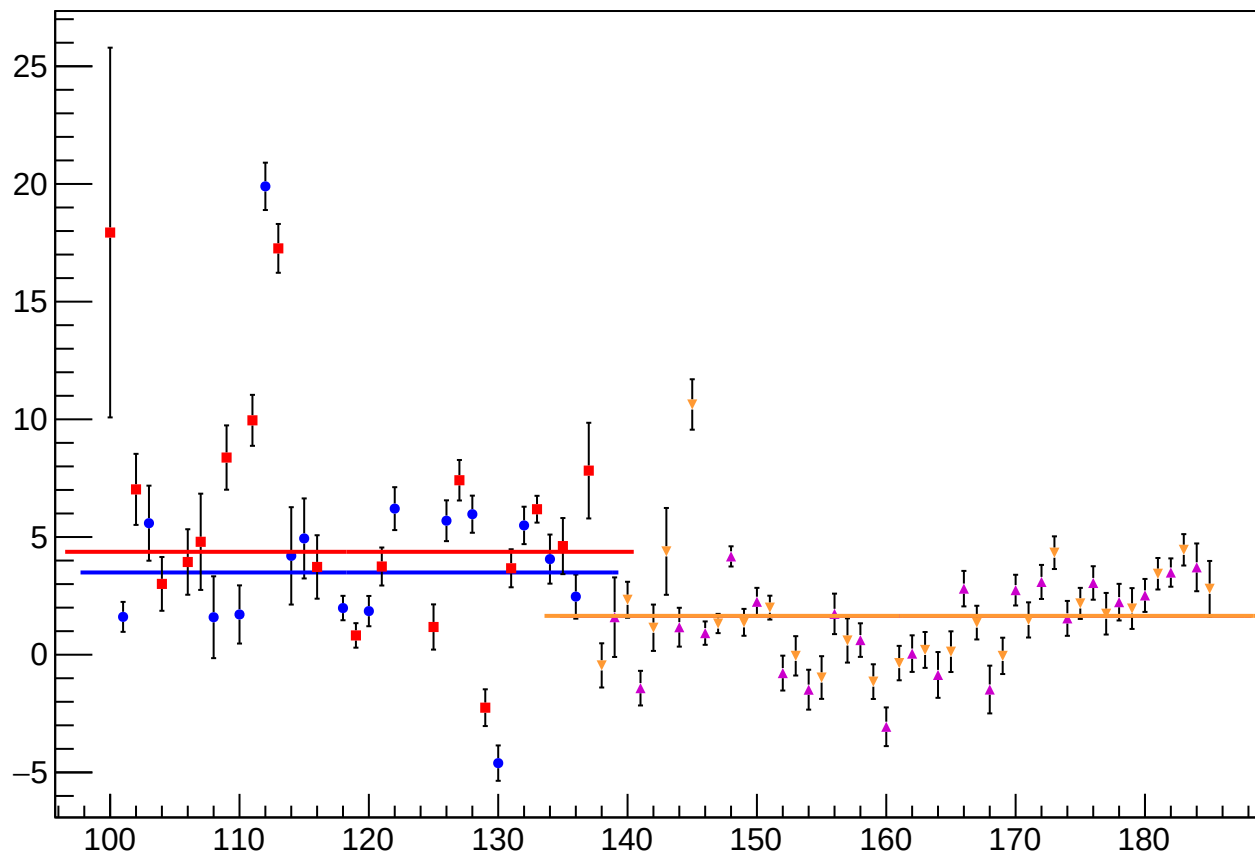
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -35.869+/-0.191 χ^2/NDF :887.1/22

Out: -36.233+/-0.191 χ^2/NDF :1196.8/24

All: -36.050+/-0.135 χ^2/NDF : 2085.7/47

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494+/-0.218 χ^2/NDF : 444.9/15

Left Out: 1.650+/-0.147 χ^2/NDF :168.8/24

Right Out: 4.372+/-0.225 χ^2/NDF : 354.0/17

Left In: 1.646+/-0.149 χ^2/NDF :164.1/22

Left: 1.648+/-0.105 χ^2/NDF : 332.9/47

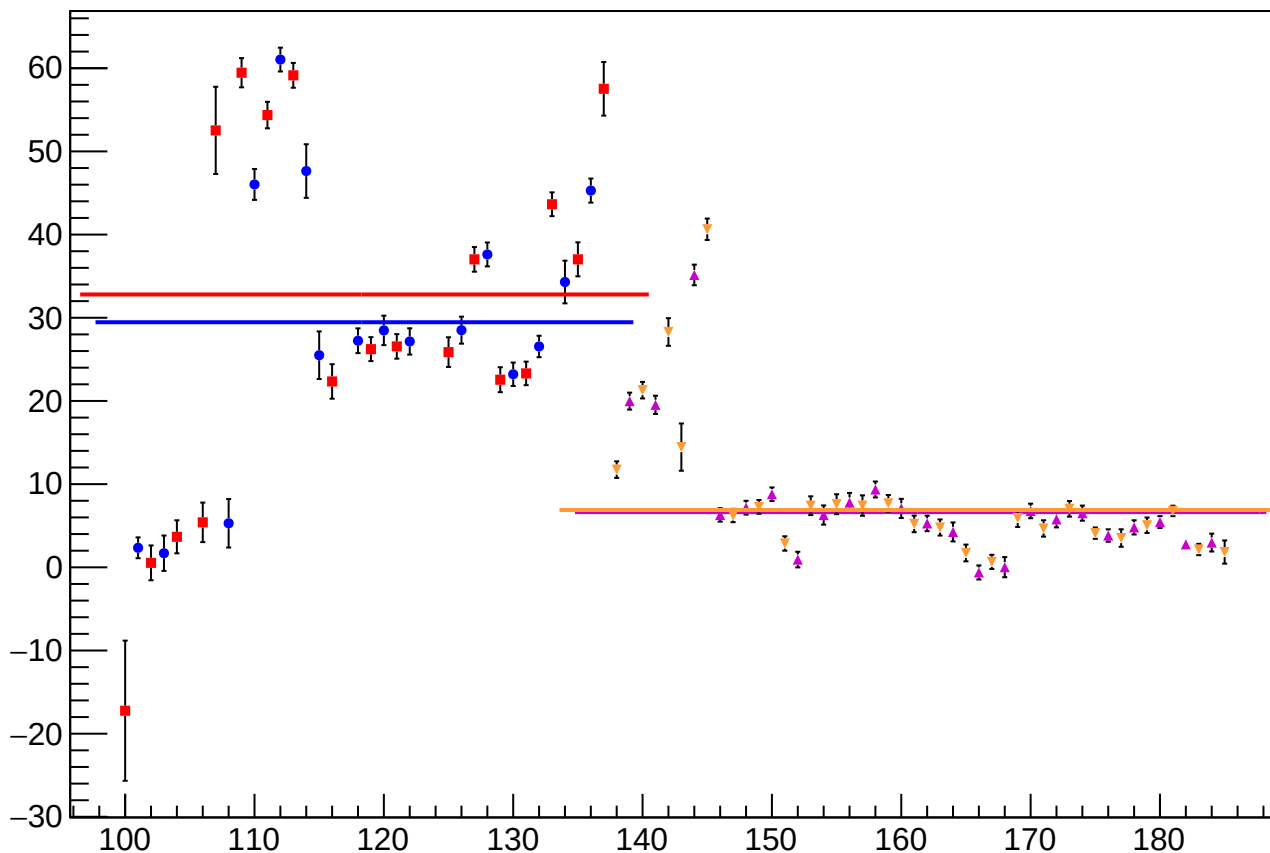
Right: 3.918+/-0.157 χ^2/NDF : 806.7/33

In: 2.236+/-0.123 χ^2/NDF :658.0/38

Out: 2.464+/-0.123 χ^2/NDF :625.0/42

All: 2.350+/-0.087 χ^2/NDF : 1284.8/81

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: 6.891 $\pm$ 0.191 χ^2 /NDF:1305.1/24

Right Out: 32.804 $\pm$ 0.423 χ^2 /NDF: 1659.8/17

Left In: 6.639 $\pm$ 0.190 χ^2 /NDF:1077.2/22

Left: 6.764 $\pm$ 0.135 χ^2 /NDF: 2383.2/47

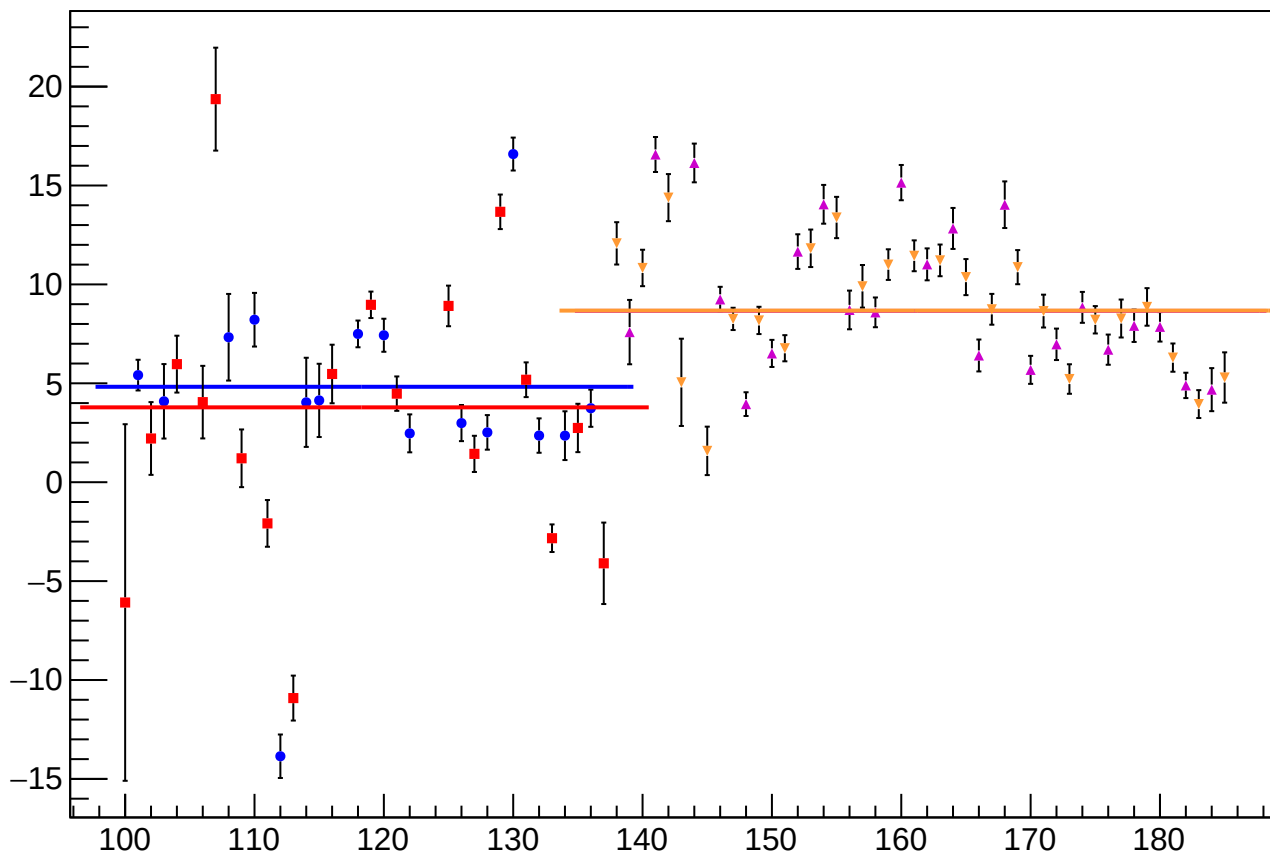
Right: 31.111 $\pm$ 0.297 χ^2 /NDF: 3183.0/33

In: 10.547 $\pm$ 0.173 χ^2 /NDF:5045.4/38

Out: 11.276 $\pm$ 0.174 χ^2 /NDF:6083.1/42

All: 10.908 $\pm$ 0.123 χ^2 /NDF: 11137.4/81

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 8.676 $\pm$ 0.168 χ^2 /NDF:243.7/24

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 8.659 $\pm$ 0.170 χ^2 /NDF:438.0/22

Left: 8.667 $\pm$ 0.120 χ^2 /NDF: 681.7/47

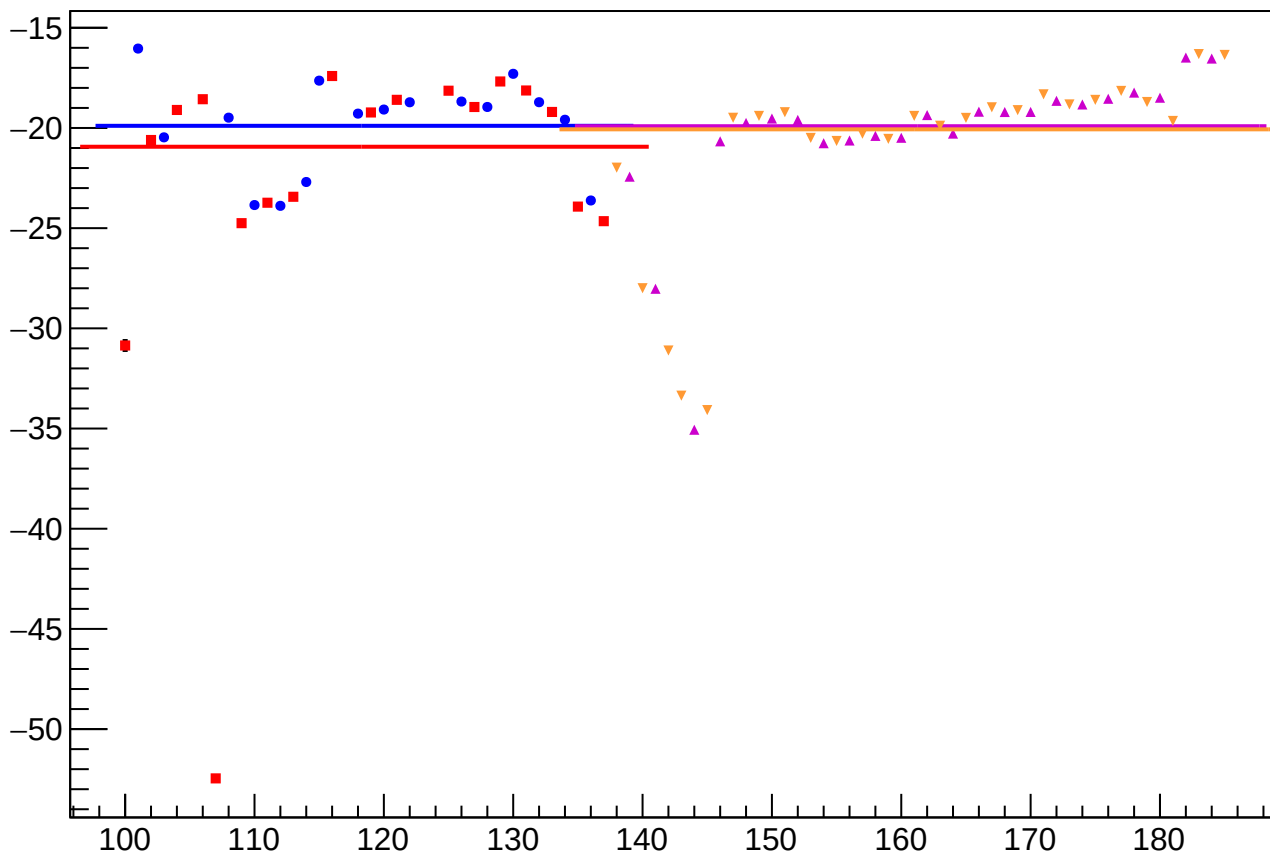
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.460 $\pm$ 0.141 χ^2 /NDF:1150.6/38

Out: 7.221 $\pm$ 0.141 χ^2 /NDF:1059.4/42

All: 7.341 $\pm$ 0.100 χ^2 /NDF: 2211.4/81

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -20.068 ± 0.008 χ^2/NDF : 185393.0/24

Right Out: -20.936 ± 0.016 χ^2/NDF : 94127.3/17

Left In: -19.912 ± 0.008 χ^2/NDF : 145487.3/22

Left: -19.990 ± 0.006 χ^2/NDF : 331078.2/47

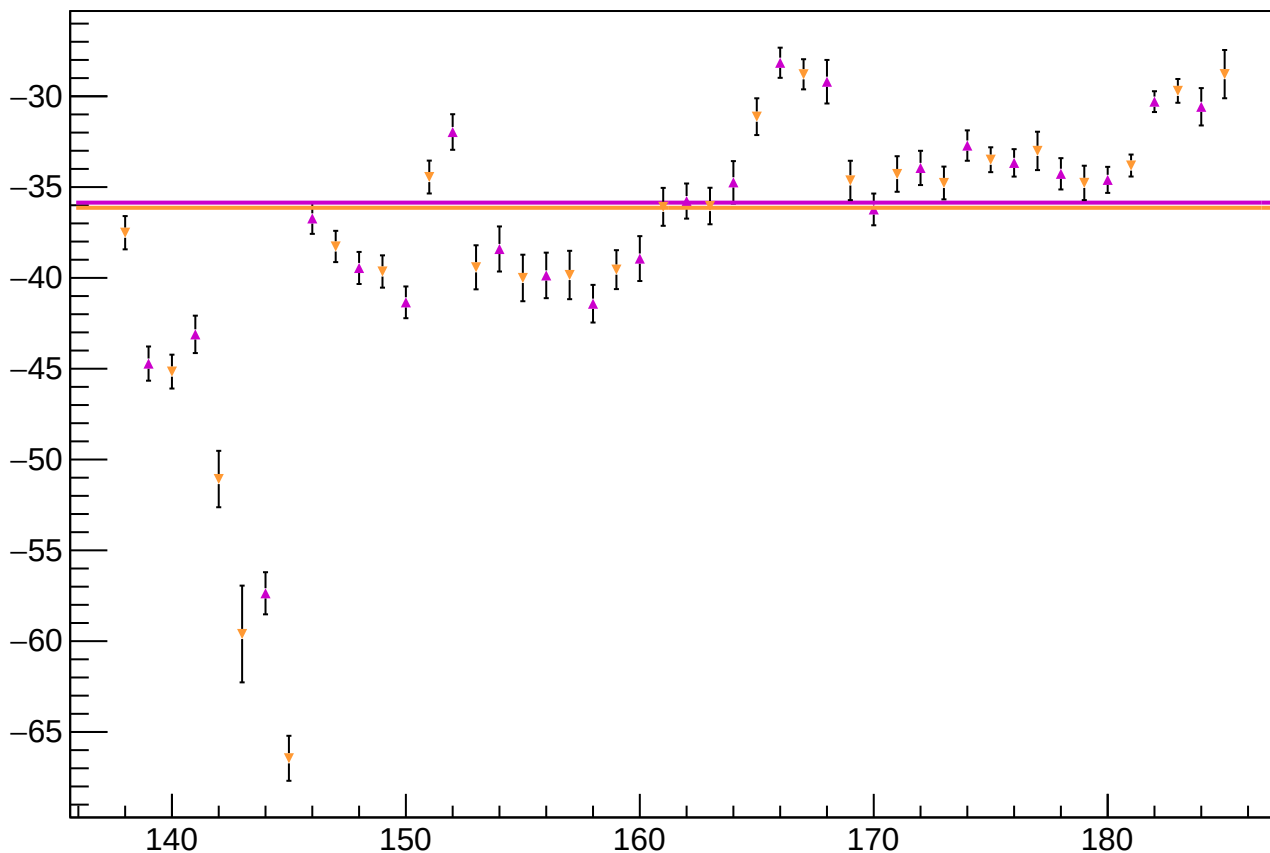
Right: -20.410 ± 0.011 χ^2/NDF : 122445.5/33

In: -19.908 ± 0.007 χ^2/NDF : 171581.0/38

Out: -20.242 ± 0.007 χ^2/NDF : 281961.0/42

All: -20.074 ± 0.005 χ^2/NDF : 454678.2/81

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -36.140 $\pm$ 0.191 χ^2 /NDF:1202.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -35.856 $\pm$ 0.191 χ^2 /NDF:875.9/22

Left: -35.998 $\pm$ 0.135 χ^2 /NDF: 2079.7/47

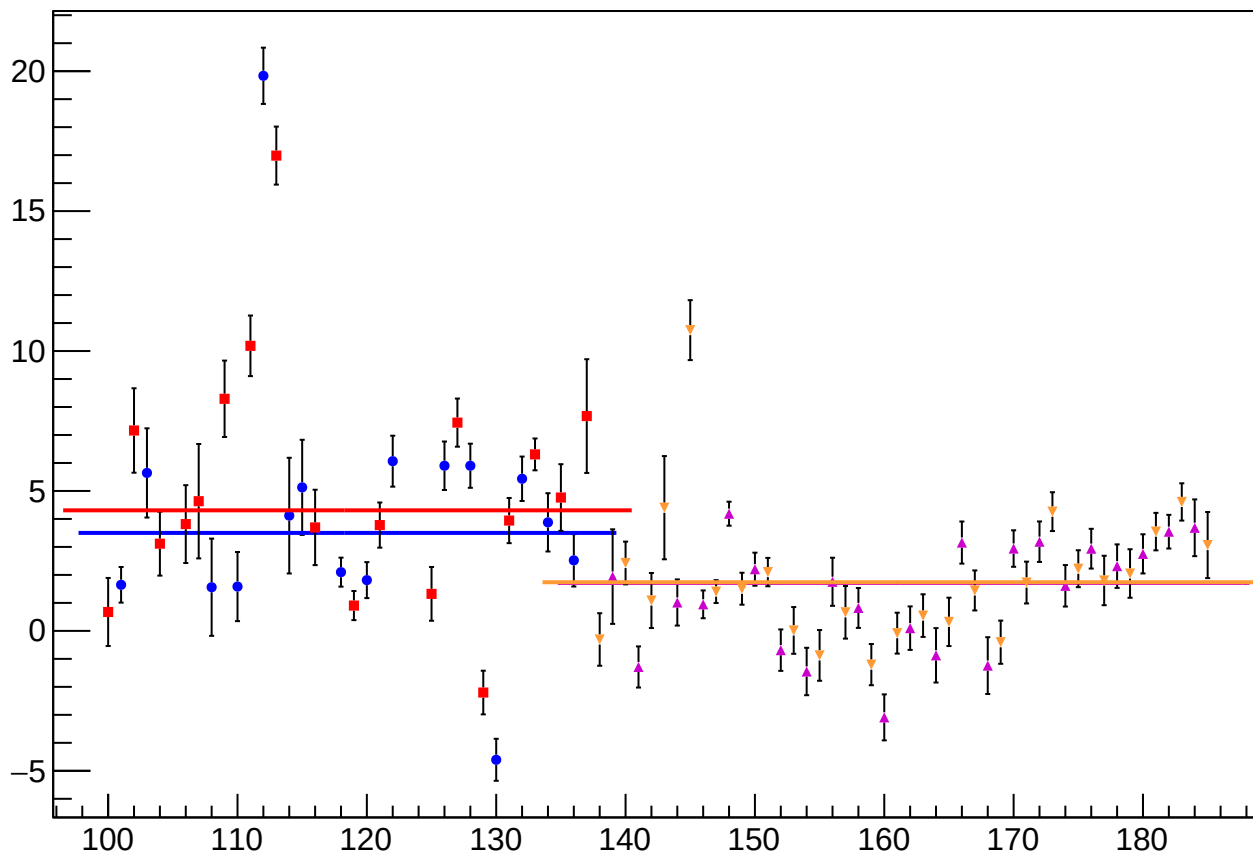
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -35.856 $\pm$ 0.191 χ^2 /NDF:875.9/22

Out: -36.140 $\pm$ 0.191 χ^2 /NDF:1202.8/24

All: -35.998 $\pm$ 0.135 χ^2 /NDF: 2079.7/47

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: 1.738 ± 0.147 χ^2/NDF : 170.3/24

Right Out: 4.308 ± 0.221 χ^2/NDF : 352.8/17

Left In: 1.712 ± 0.149 χ^2/NDF : 164.1/22

Left: 1.725 ± 0.105 χ^2/NDF : 334.4/47

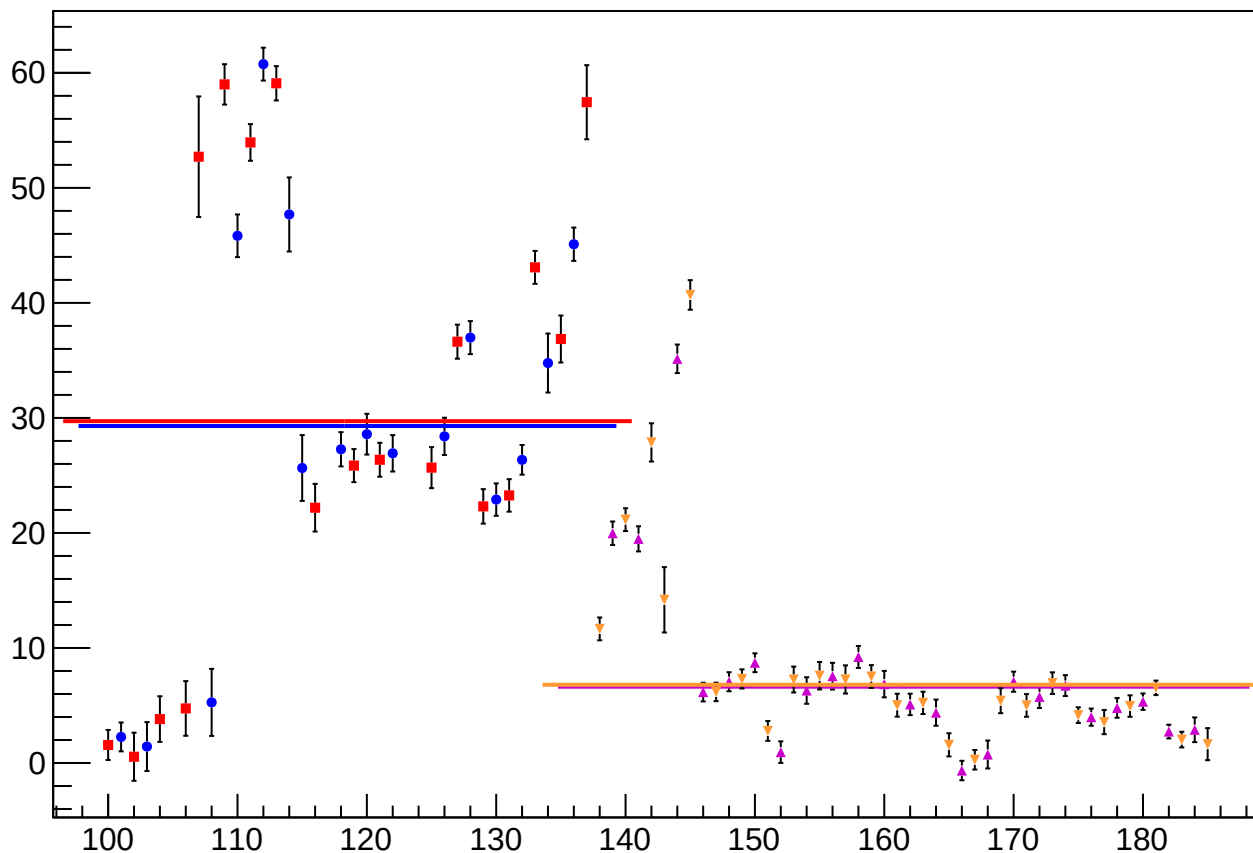
Right: 3.897 ± 0.155 χ^2/NDF : 801.4/33

In: 2.284 ± 0.123 χ^2/NDF : 652.0/38

Out: 2.525 ± 0.123 χ^2/NDF : 616.5/42

All: 2.405 ± 0.087 χ^2/NDF : 1270.5/81

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 6.802 $\pm$ 0.191 χ^2 /NDF:1307.3/24

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 6.635 $\pm$ 0.190 χ^2 /NDF:1070.4/22

Left: 6.718 $\pm$ 0.134 χ^2 /NDF: 2378.1/47

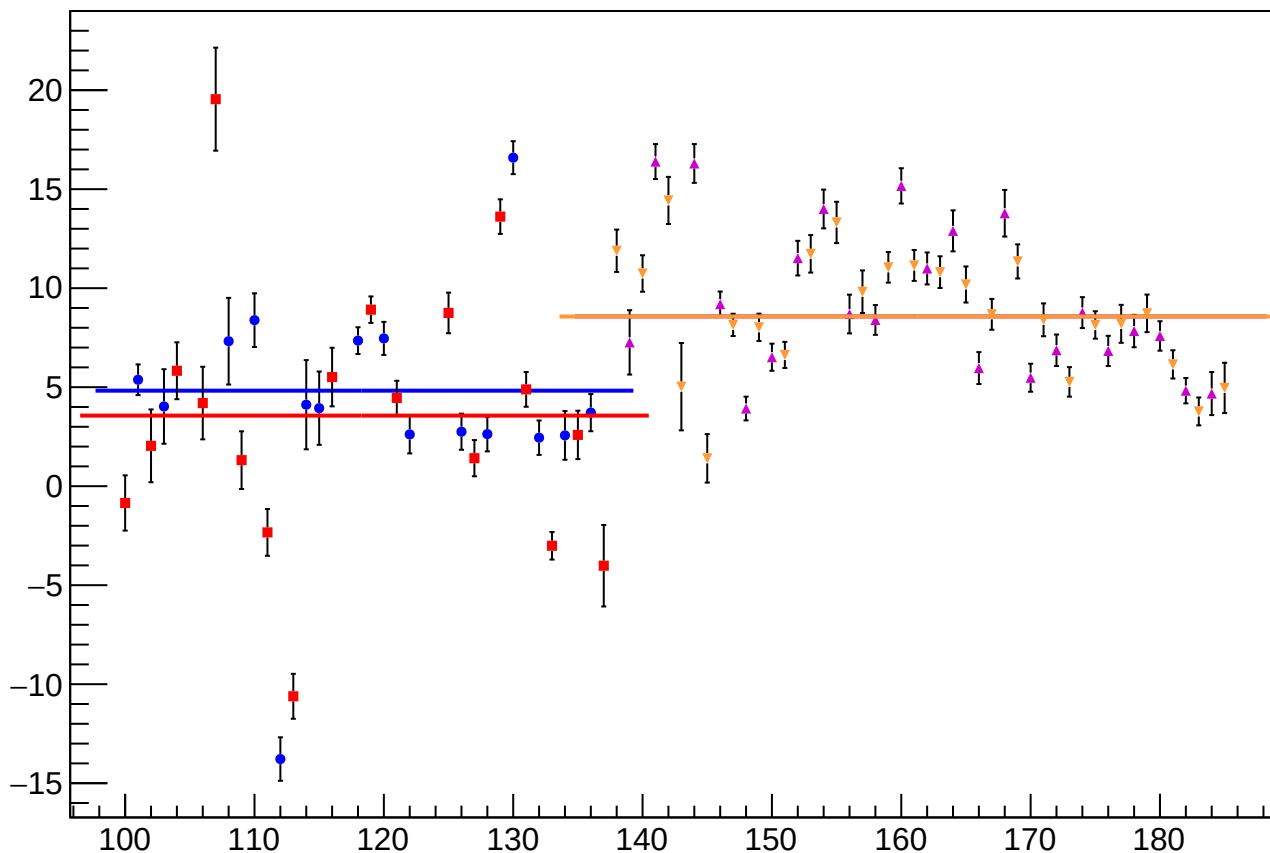
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 10.515 $\pm$ 0.173 χ^2 /NDF:5000.6/38

Out: 11.005 $\pm$ 0.172 χ^2 /NDF:6082.7/42

All: 10.760 $\pm$ 0.122 χ^2 /NDF: 11087.2/81

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.568 ± 0.168 χ^2/NDF : 248.1/24

Right Out: 3.564 ± 0.254 χ^2/NDF : 570.2/17

Left In: 8.573 ± 0.170 χ^2/NDF : 443.4/22

Left: 8.570 ± 0.119 χ^2/NDF : 691.5/47

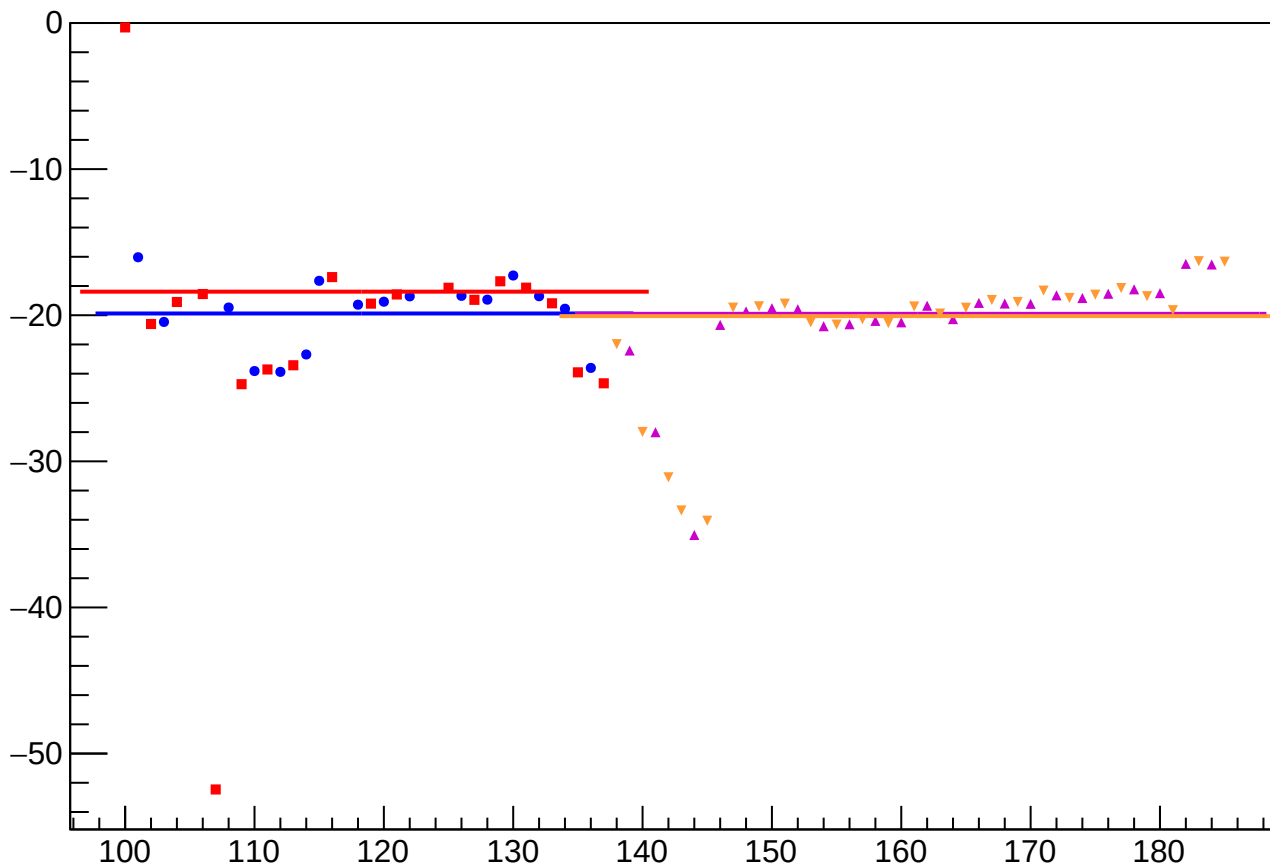
Right: 4.201 ± 0.179 χ^2/NDF : 1131.9/33

In: 7.401 ± 0.141 χ^2/NDF : 1145.4/38

Out: 7.044 ± 0.140 χ^2/NDF : 1087.3/42

All: 7.222 ± 0.099 χ^2/NDF : 2235.9/81

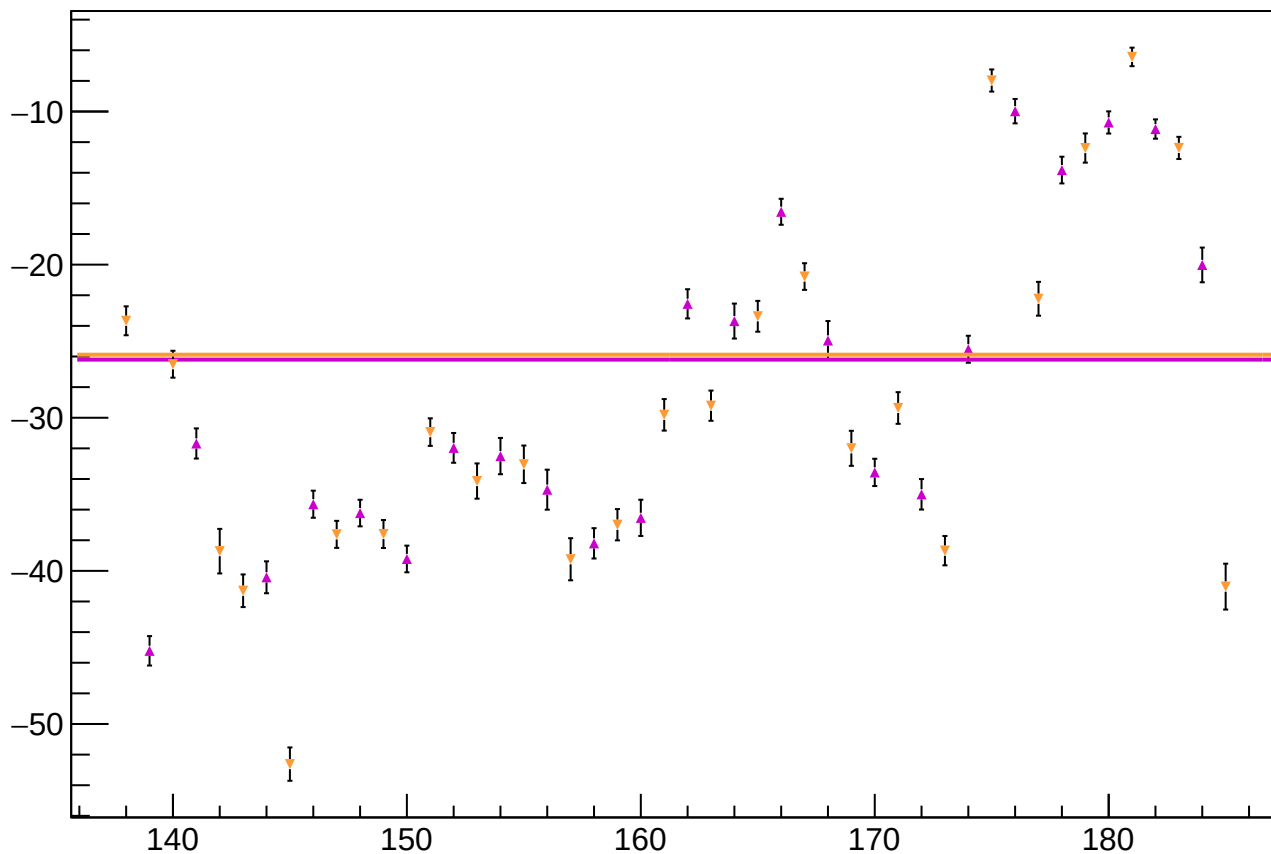
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.061 ± 0.008 $\chi^2/\text{NDF}: 185600.2/24$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -19.905 ± 0.008 $\chi^2/\text{NDF}: 145346.7/22$

Left: -19.982 ± 0.006 $\chi^2/\text{NDF}: 331144.8/47$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -19.900 ± 0.007 $\chi^2/\text{NDF}: 171430.6/38$
 Out: -19.690 ± 0.007 $\chi^2/\text{NDF}: 496884.8/42$
 All: -19.794 ± 0.005 $\chi^2/\text{NDF}: 668771.2/81$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.882+/-0.192 χ^2/NDF : 4158.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.204+/-0.194 χ^2/NDF : 3377.8/22

Left: -26.041+/-0.136 χ^2/NDF : 7537.3/47

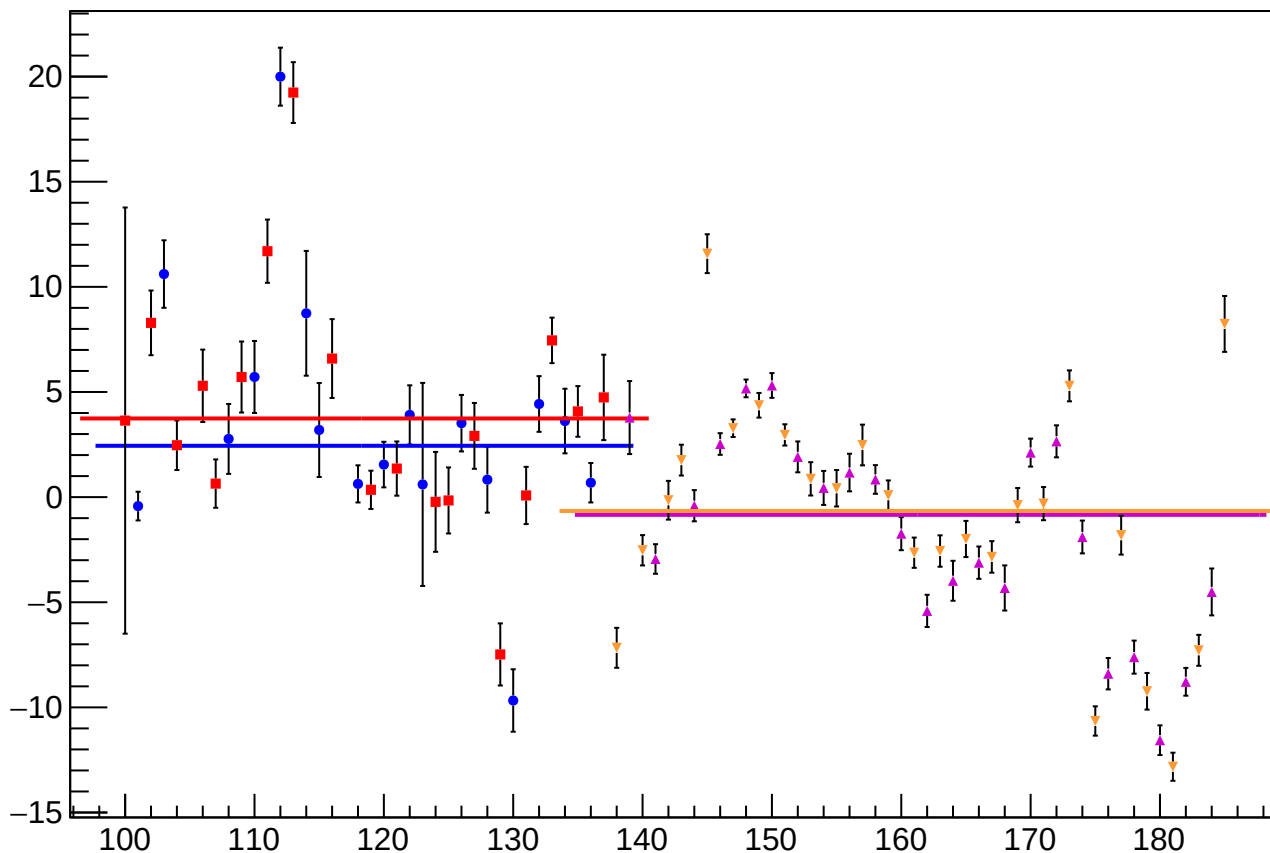
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.204+/-0.194 χ^2/NDF : 3377.8/22

Out: -25.882+/-0.192 χ^2/NDF : 4158.1/24

All: -26.041+/-0.136 χ^2/NDF : 7537.3/47

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: -0.659 ± 0.146 χ^2/NDF : 1321.6/24

Right Out: 3.740 ± 0.326 χ^2/NDF : 268.1/18

Left In: -0.842 ± 0.150 χ^2/NDF : 1071.6/22

Left: -0.748 ± 0.105 χ^2/NDF : 2394.0/47

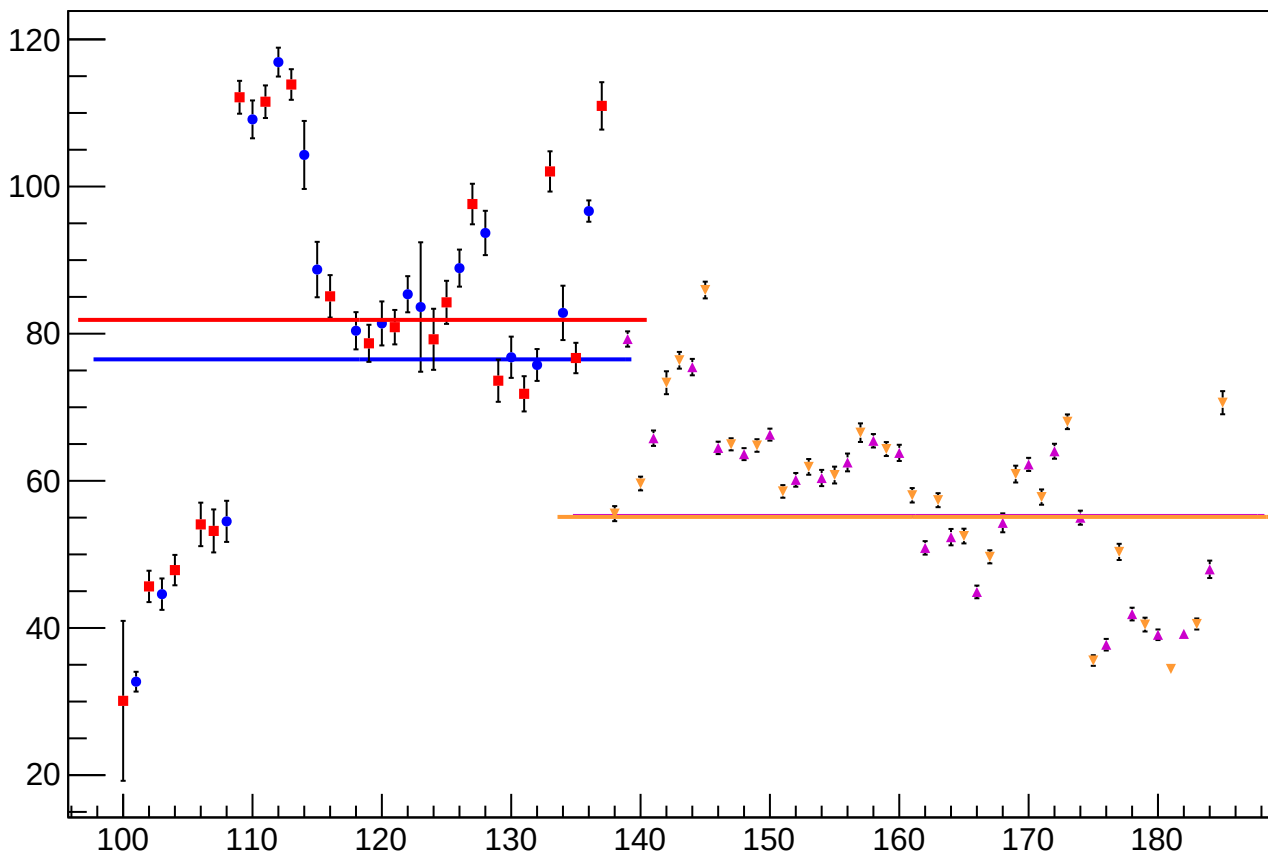
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/35

In: -0.223 ± 0.135 χ^2/NDF : 1456.6/39

Out: 0.076 ± 0.133 χ^2/NDF : 1741.0/43

All: -0.072 ± 0.095 χ^2/NDF : 3200.0/83

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509+/-0.574 χ^2 /NDF: 2250.9/16

Left Out: 55.096+/-0.191 χ^2 /NDF: 4579.4/24

Right Out: 81.875+/-0.592 χ^2 /NDF: 1570.7/18

Left In: 55.225+/-0.193 χ^2 /NDF: 3825.0/22

Left: 55.160+/-0.136 χ^2 /NDF: 8404.6/47

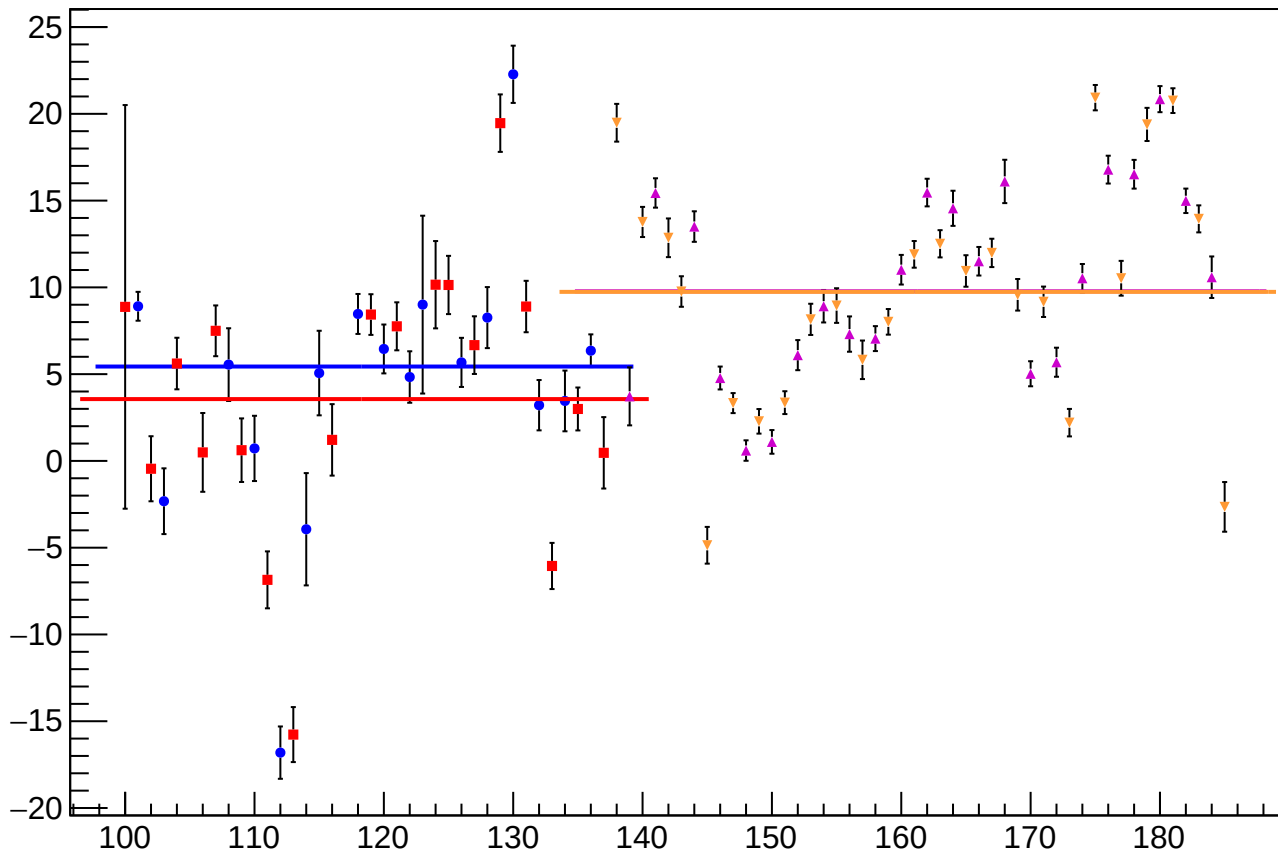
Right: 79.111+/-0.412 χ^2 /NDF: 3864.0/35

In: 57.382+/-0.183 χ^2 /NDF: 7310.9/39

Out: 57.633+/-0.182 χ^2 /NDF: 8004.2/43

All: 57.508+/-0.129 χ^2 /NDF: 15316.0/83

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 9.741 $\pm$ 0.168 χ^2 /NDF:1450.8/24

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 9.775 $\pm$ 0.171 χ^2 /NDF:1165.6/22

Left: 9.758 $\pm$ 0.120 χ^2 /NDF: 2616.4/47

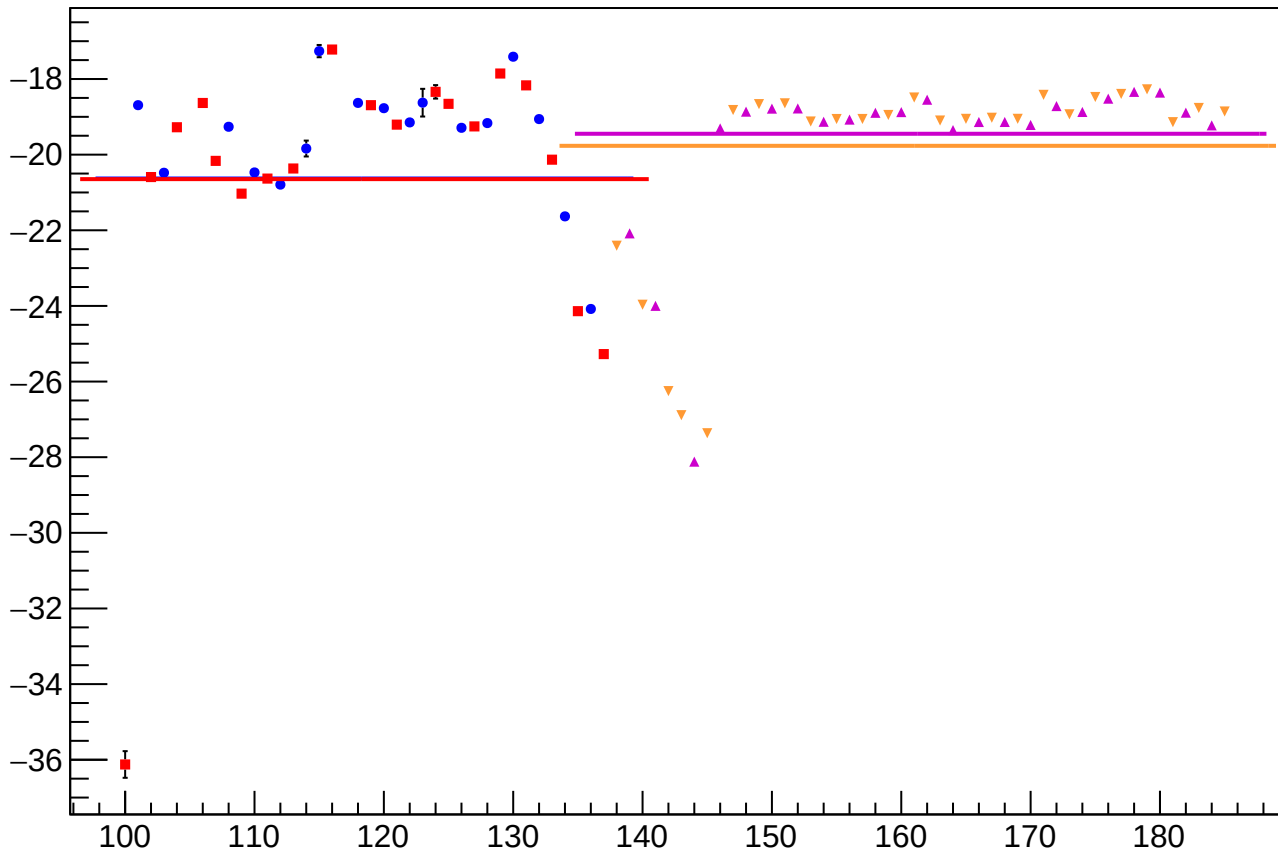
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 8.967 $\pm$ 0.154 χ^2 /NDF:1671.2/39

Out: 8.711 $\pm$ 0.153 χ^2 /NDF:2097.8/43

All: 8.838 $\pm$ 0.109 χ^2 /NDF: 3770.4/83

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -19.766 $\pm$ 0.008 χ^2 /NDF: 91623.4/24

Right Out: -20.647 $\pm$ 0.019 χ^2 /NDF: 13908.9/18

Left In: -19.448 $\pm$ 0.008 χ^2 /NDF: 54039.2/22

Left: -19.608 $\pm$ 0.006 χ^2 /NDF: 146475.9/47

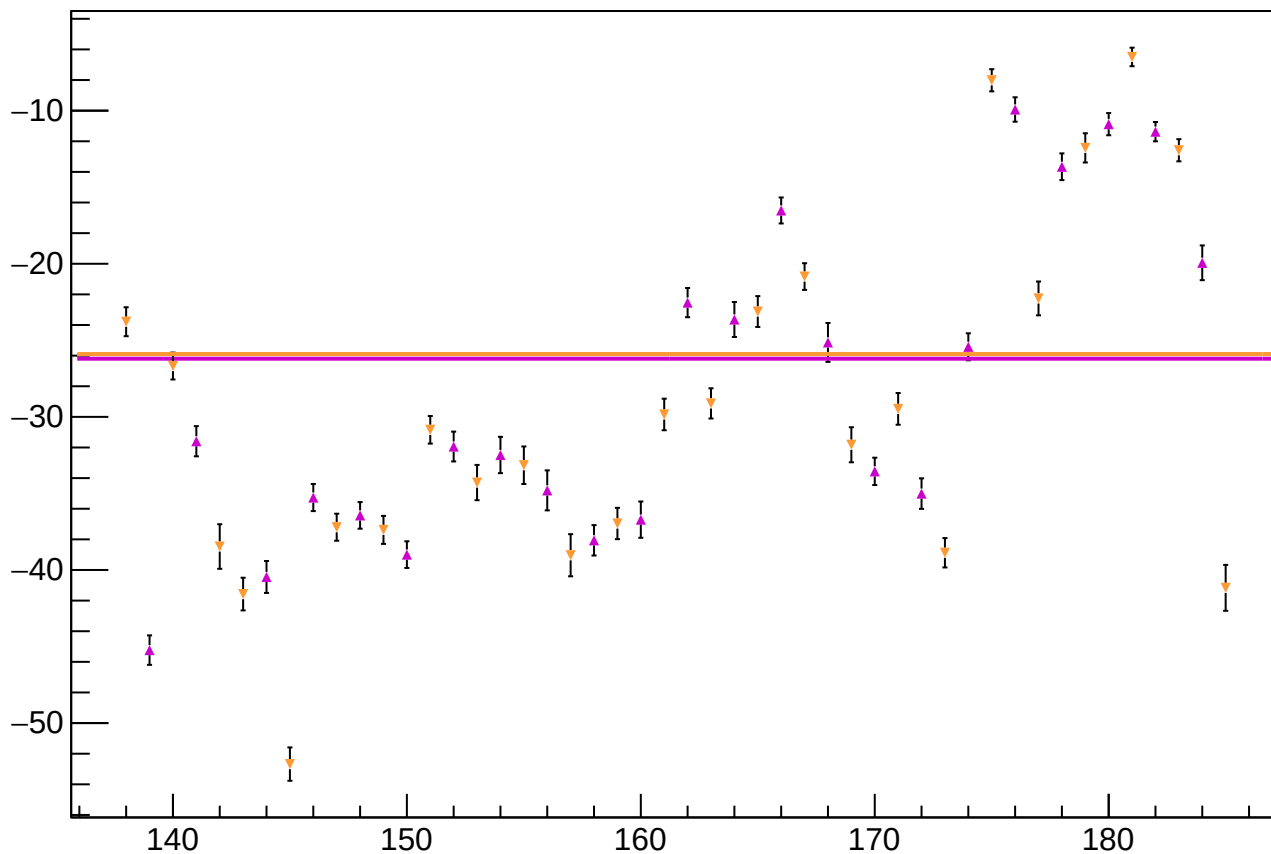
Right: -20.639 $\pm$ 0.014 χ^2 /NDF: 26410.8/35

In: -19.618 $\pm$ 0.007 χ^2 /NDF: 69761.5/39

Out: -19.891 $\pm$ 0.007 χ^2 /NDF: 107297.2/43

All: -19.755 $\pm$ 0.005 χ^2 /NDF: 177752.5/83

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -25.896+/-0.192 χ^2/NDF : 4127.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

Left: -26.046+/-0.136 χ^2/NDF : 7473.7/47

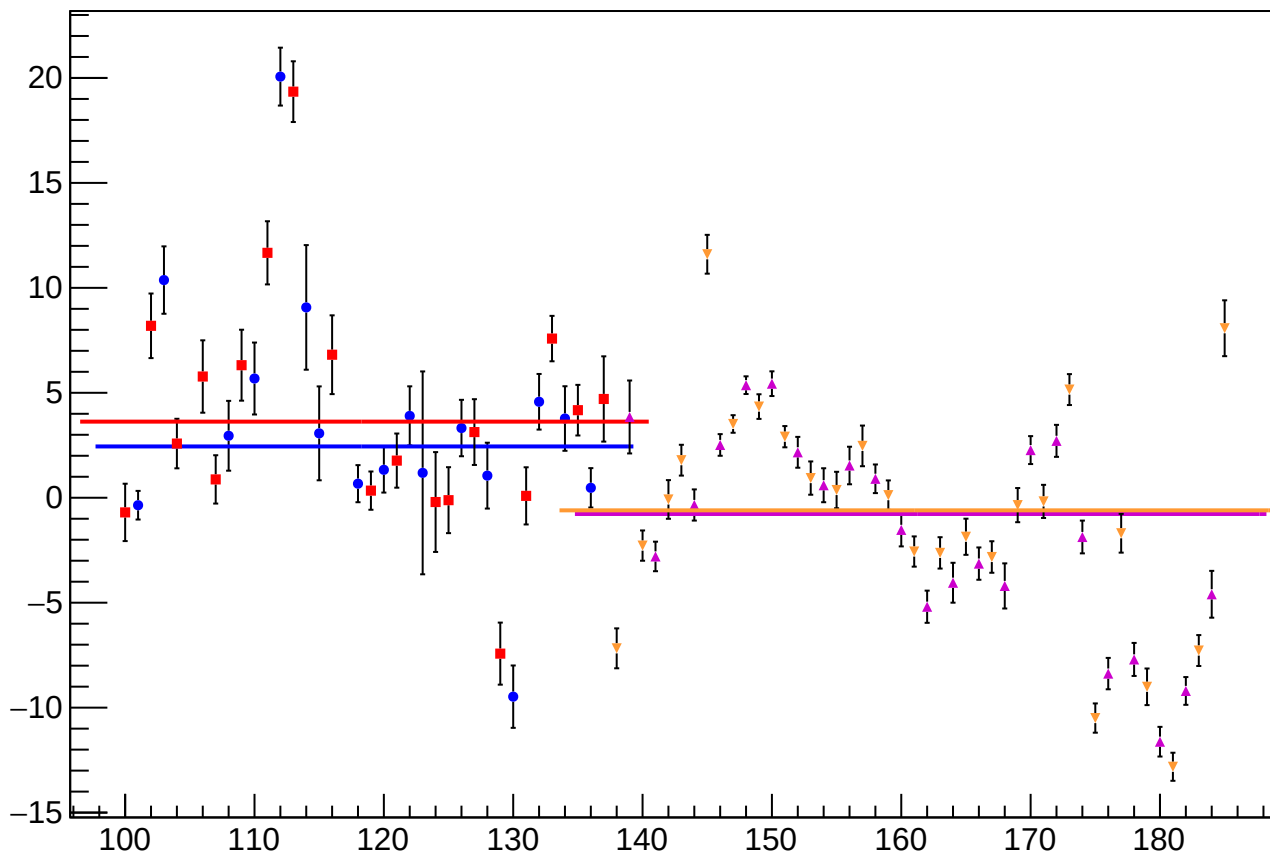
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.200+/-0.194 χ^2/NDF : 3344.6/22

Out: -25.896+/-0.192 χ^2/NDF : 4127.8/24

All: -26.046+/-0.136 χ^2/NDF : 7473.7/47

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: -0.600 ± 0.146 χ^2/NDF : 1311.5/24

Right Out: 3.626 ± 0.318 χ^2/NDF : 278.9/18

Left In: -0.773 ± 0.150 χ^2/NDF : 1111.4/22

Left: -0.684 ± 0.105 χ^2/NDF : 2423.6/47

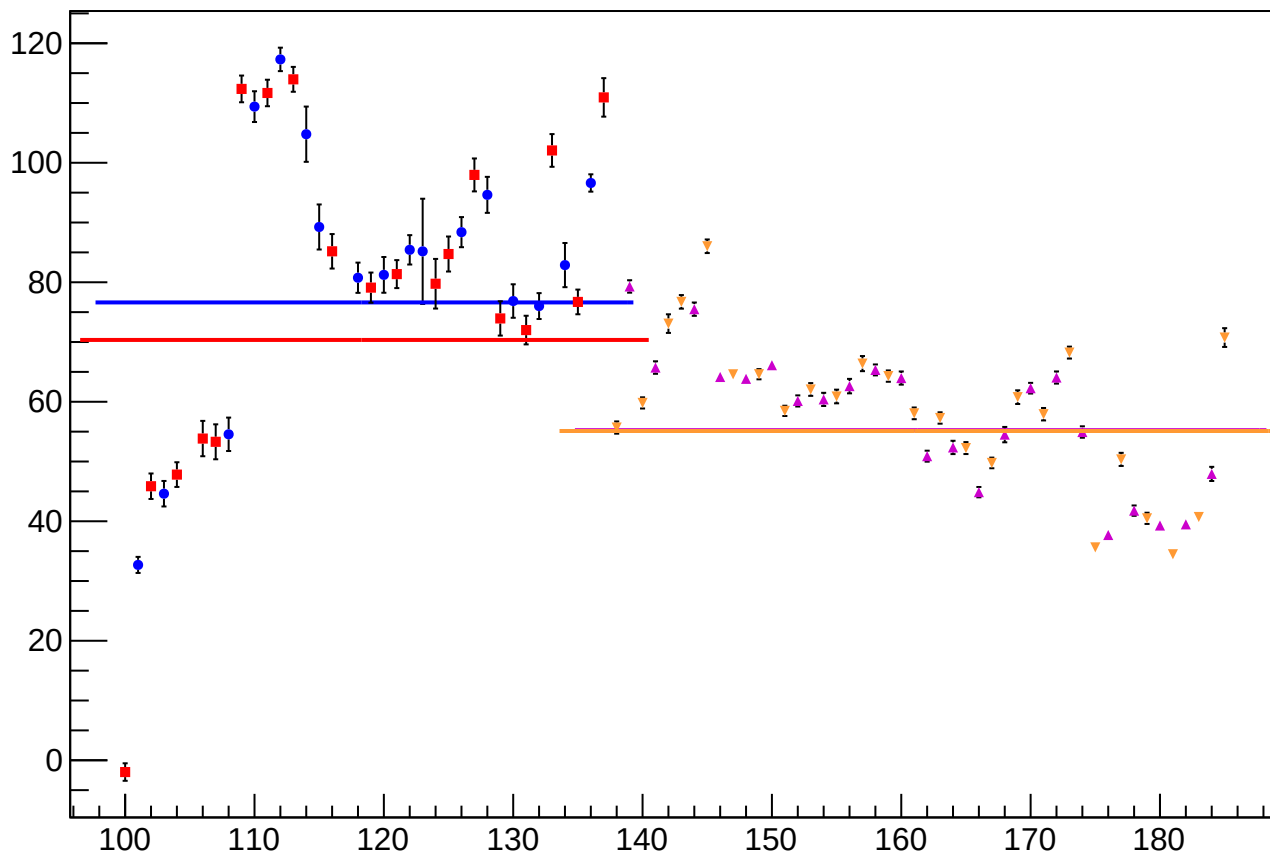
Right: 3.024 ± 0.223 χ^2/NDF : 578.6/35

In: -0.167 ± 0.135 χ^2/NDF : 1490.6/39

Out: 0.138 ± 0.133 χ^2/NDF : 1736.3/43

All: -0.011 ± 0.095 χ^2/NDF : 3229.4/83

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2 /NDF: 2262.8/16

Left Out: 55.109 $\pm$ 0.192 χ^2 /NDF: 4560.4/24

Right Out: 70.347 $\pm$ 0.550 χ^2 /NDF: 4388.1/18

Left In: 55.252 $\pm$ 0.193 χ^2 /NDF: 3786.2/22

Left: 55.180 $\pm$ 0.136 χ^2 /NDF: 8346.8/47

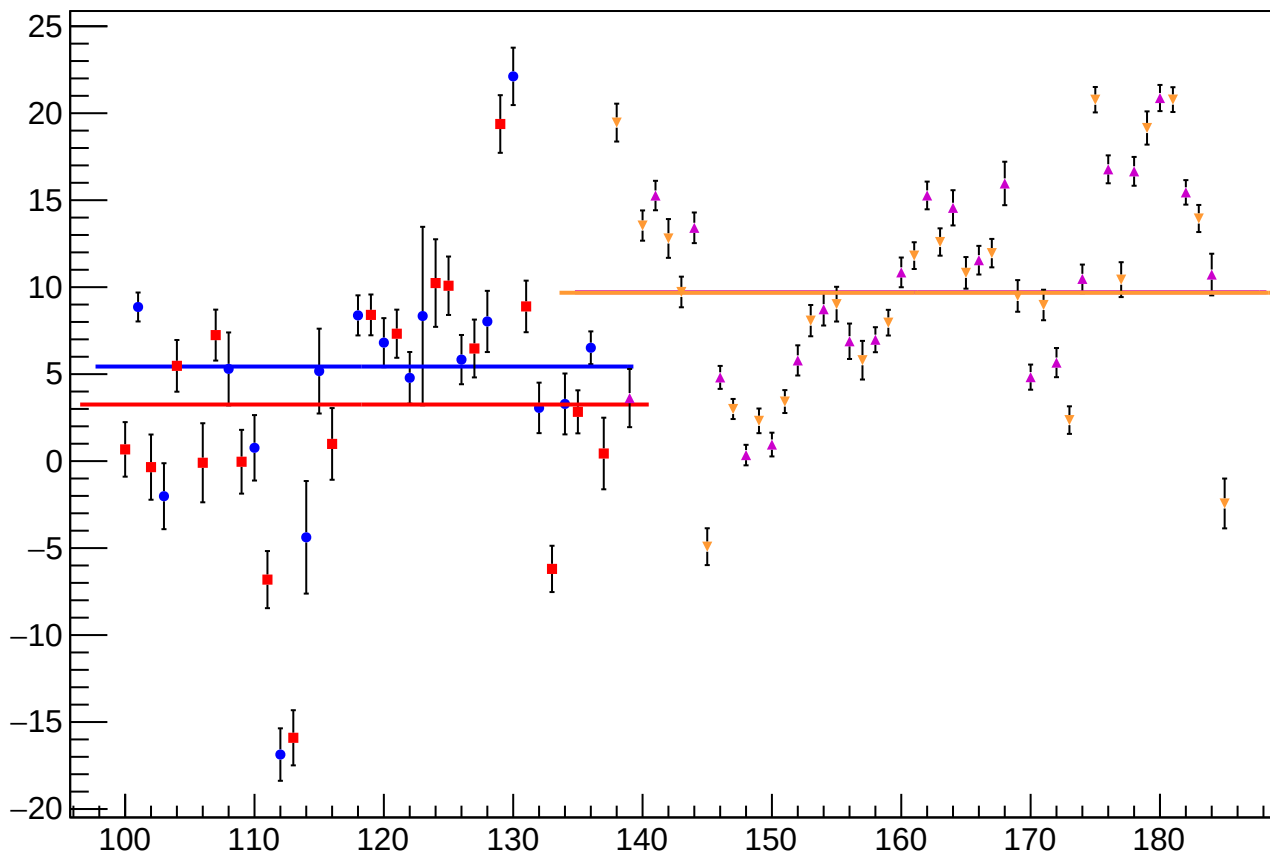
Right: 73.348 $\pm$ 0.397 χ^2 /NDF: 6713.3/35

In: 57.418 $\pm$ 0.183 χ^2 /NDF: 7293.1/39

Out: 56.759 $\pm$ 0.181 χ^2 /NDF: 9634.0/43

All: 57.085 $\pm$ 0.129 χ^2 /NDF: 16933.7/83

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 χ^2/NDF : 384.5/16

Left Out: 9.679 ± 0.168 χ^2/NDF : 1441.9/24

Right Out: 3.253 ± 0.365 χ^2/NDF : 423.7/18

Left In: 9.708 ± 0.171 χ^2/NDF : 1198.0/22

Left: 9.693 ± 0.120 χ^2/NDF : 2639.9/47

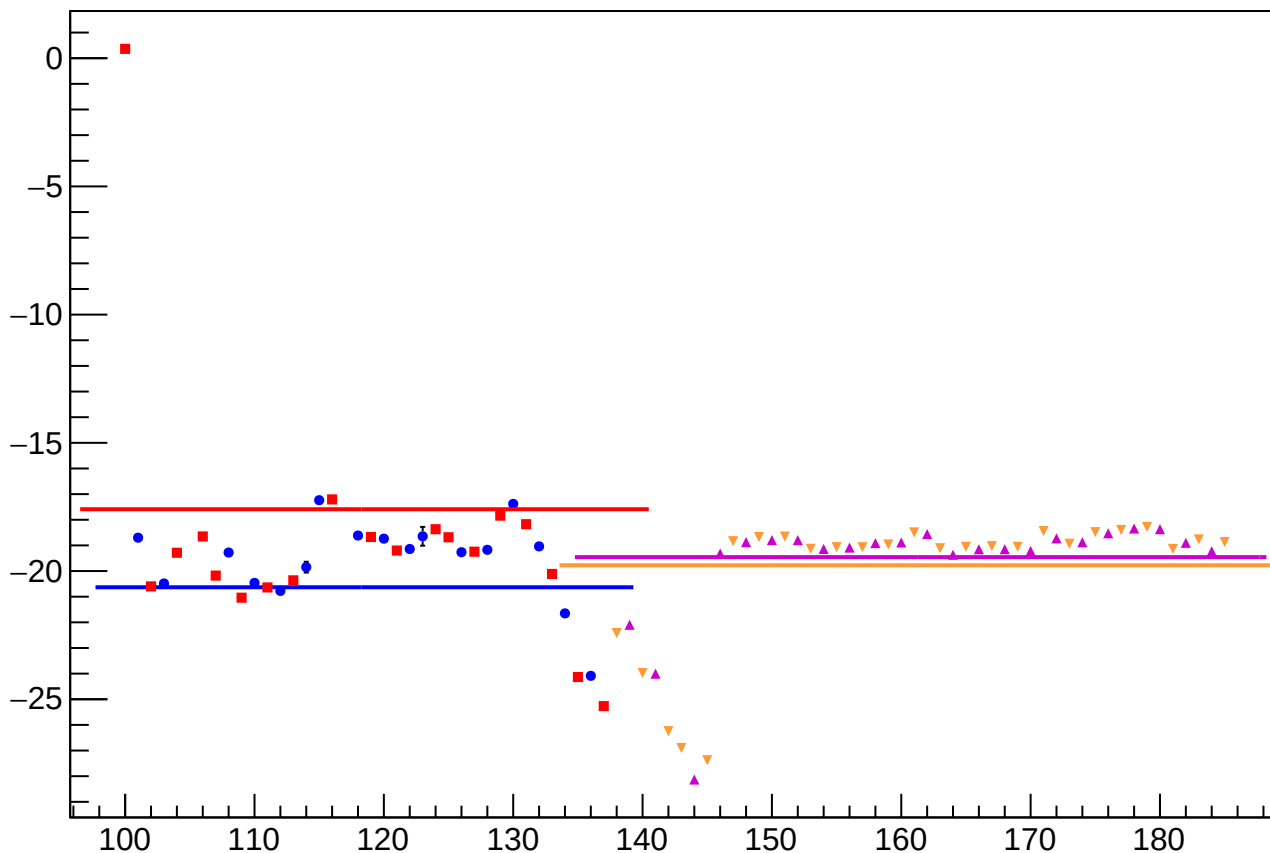
Right: 4.367 ± 0.256 χ^2/NDF : 826.5/35

In: 8.912 ± 0.155 χ^2/NDF : 1698.3/39

Out: 8.559 ± 0.152 χ^2/NDF : 2121.4/43

All: 8.733 ± 0.109 χ^2/NDF : 3822.3/83

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -19.774 ± 0.008 $\chi^2/\text{NDF}: 91516.1/24$

Right Out: -17.589 ± 0.018 $\chi^2/\text{NDF}: 178672.3/18$

Left In: -19.457 ± 0.008 $\chi^2/\text{NDF}: 53995.4/22$

Left: -19.617 ± 0.006 $\chi^2/\text{NDF}: 146316.3/47$

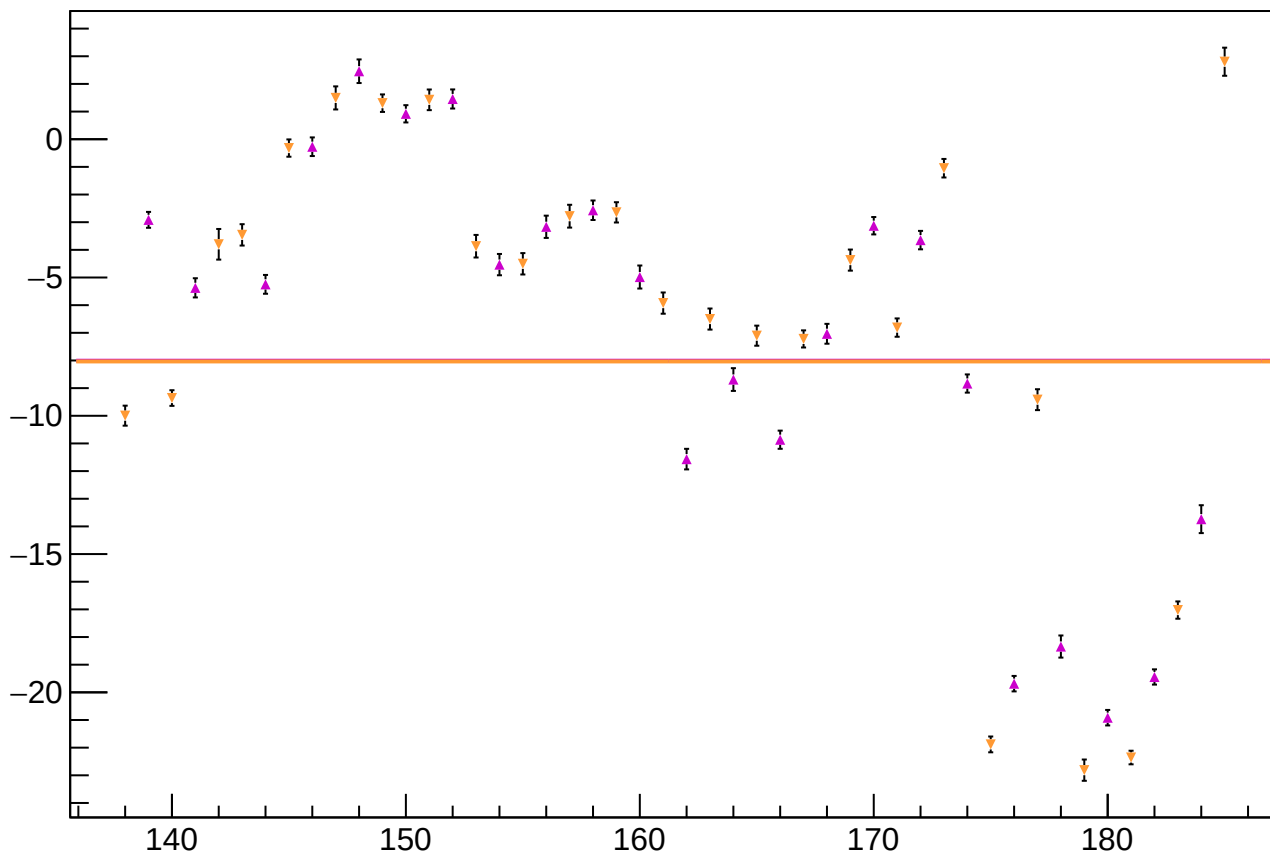
Right: -19.006 ± 0.013 $\chi^2/\text{NDF}: 204500.0/35$

In: -19.627 ± 0.007 $\chi^2/\text{NDF}: 69709.6/39$

Out: -19.423 ± 0.007 $\chi^2/\text{NDF}: 282538.6/43$

All: -19.523 ± 0.005 $\chi^2/\text{NDF}: 352640.3/83$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



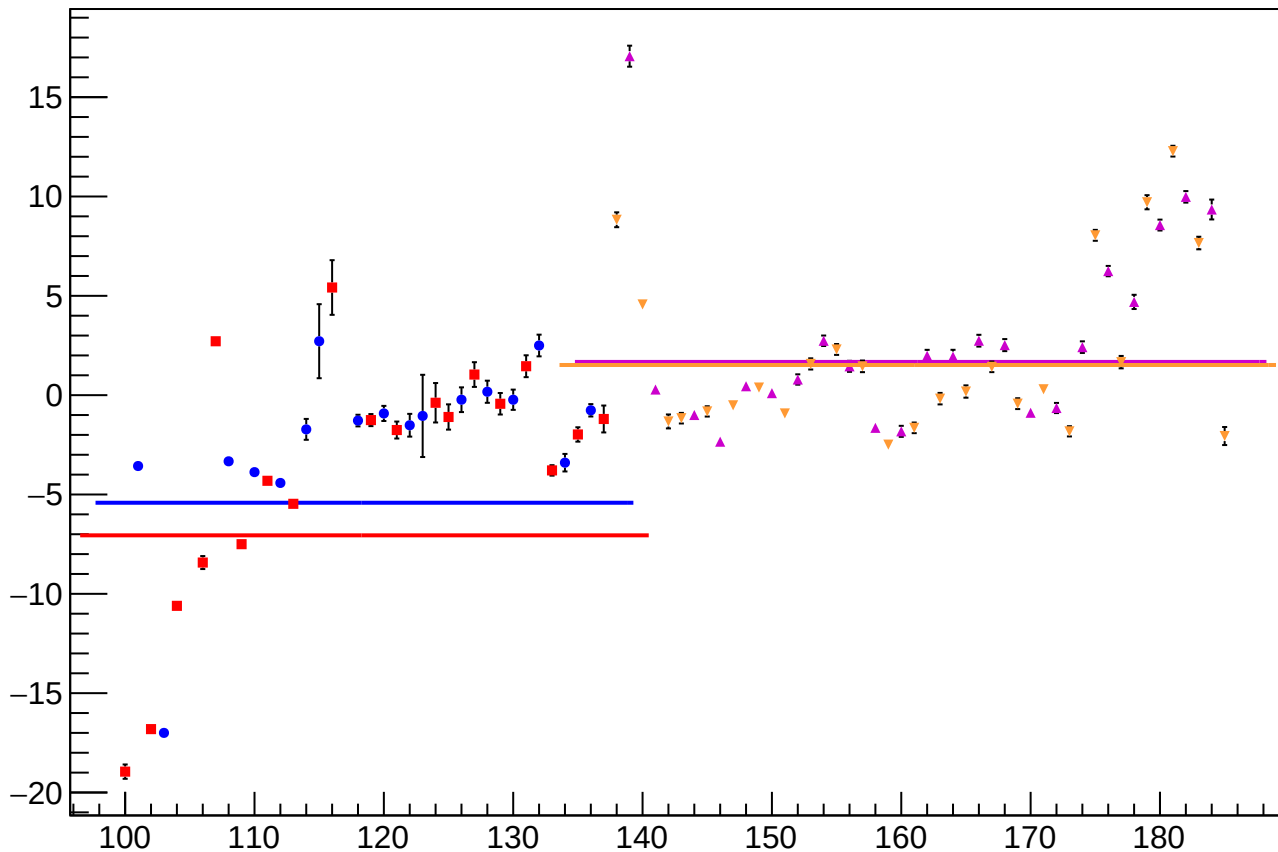
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -8.034 $\pm$ 0.070 χ^2 /NDF:12567.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22

Left: -8.022 $\pm$ 0.050 χ^2 /NDF: 23199.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -8.010 $\pm$ 0.071 χ^2 /NDF:10631.2/22
 Out: -8.034 $\pm$ 0.070 χ^2 /NDF:12567.9/24

All: -8.022 $\pm$ 0.050 χ^2 /NDF: 23199.1/47

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 $\pm$ 0.055 χ^2 /NDF: 9255.1/16

Left Out: 1.519 $\pm$ 0.054 χ^2 /NDF:4847.5/24

Right Out: -7.056 $\pm$ 0.059 χ^2 /NDF: 12334.0/18

Left In: 1.673 $\pm$ 0.056 χ^2 /NDF:4106.3/22

Left: 1.593 $\pm$ 0.039 χ^2 /NDF: 8957.7/47

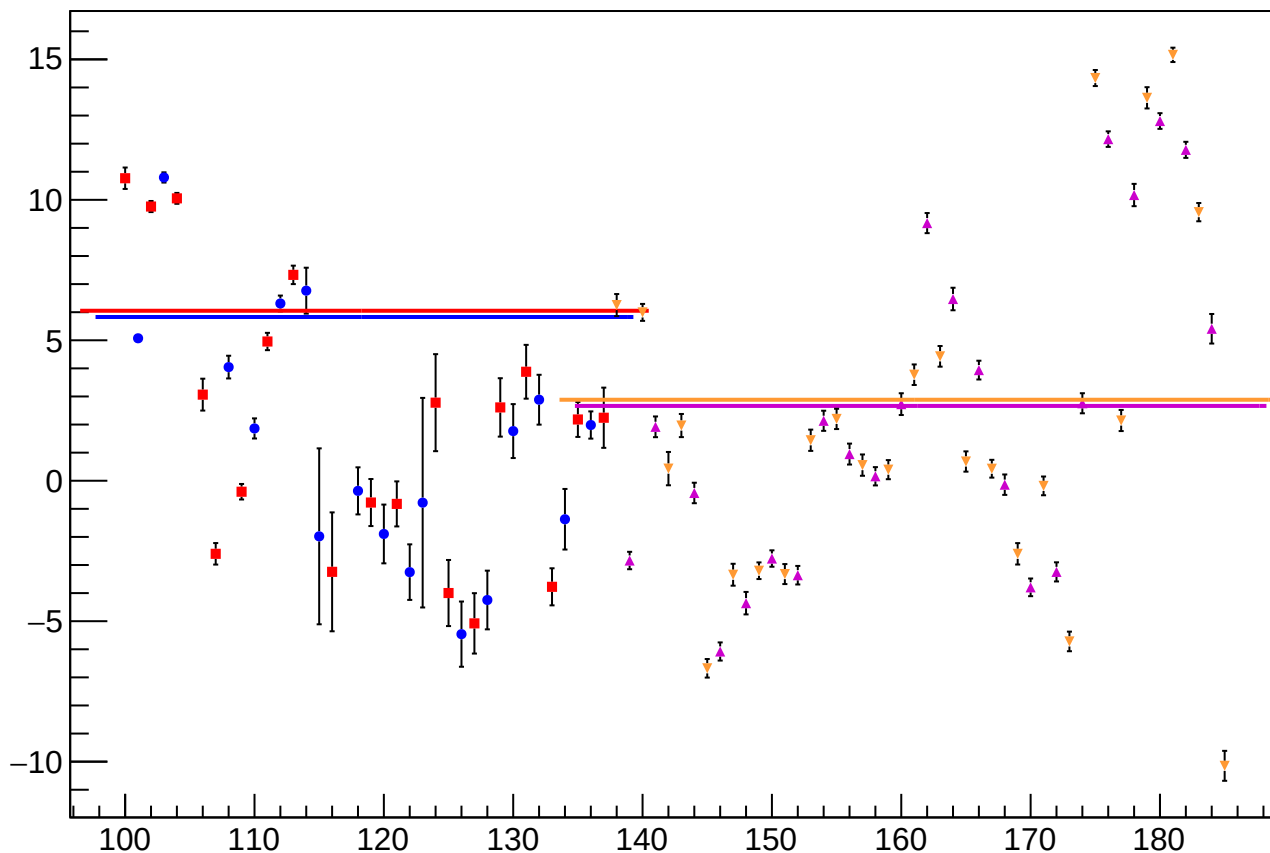
Right: -6.174 $\pm$ 0.040 χ^2 /NDF: 22004.4/35

In: -1.976 $\pm$ 0.039 χ^2 /NDF:21490.8/39

Out: -2.416 $\pm$ 0.040 χ^2 /NDF:28605.7/43

All: -2.192 $\pm$ 0.028 χ^2 /NDF: 50158.1/83

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: 2.883 ± 0.070 $\chi^2/\text{NDF}: 8893.1/24$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 2.663 ± 0.071 $\chi^2/\text{NDF}: 7308.8/22$

Left: 2.775 ± 0.050 $\chi^2/\text{NDF}: 16206.7/47$

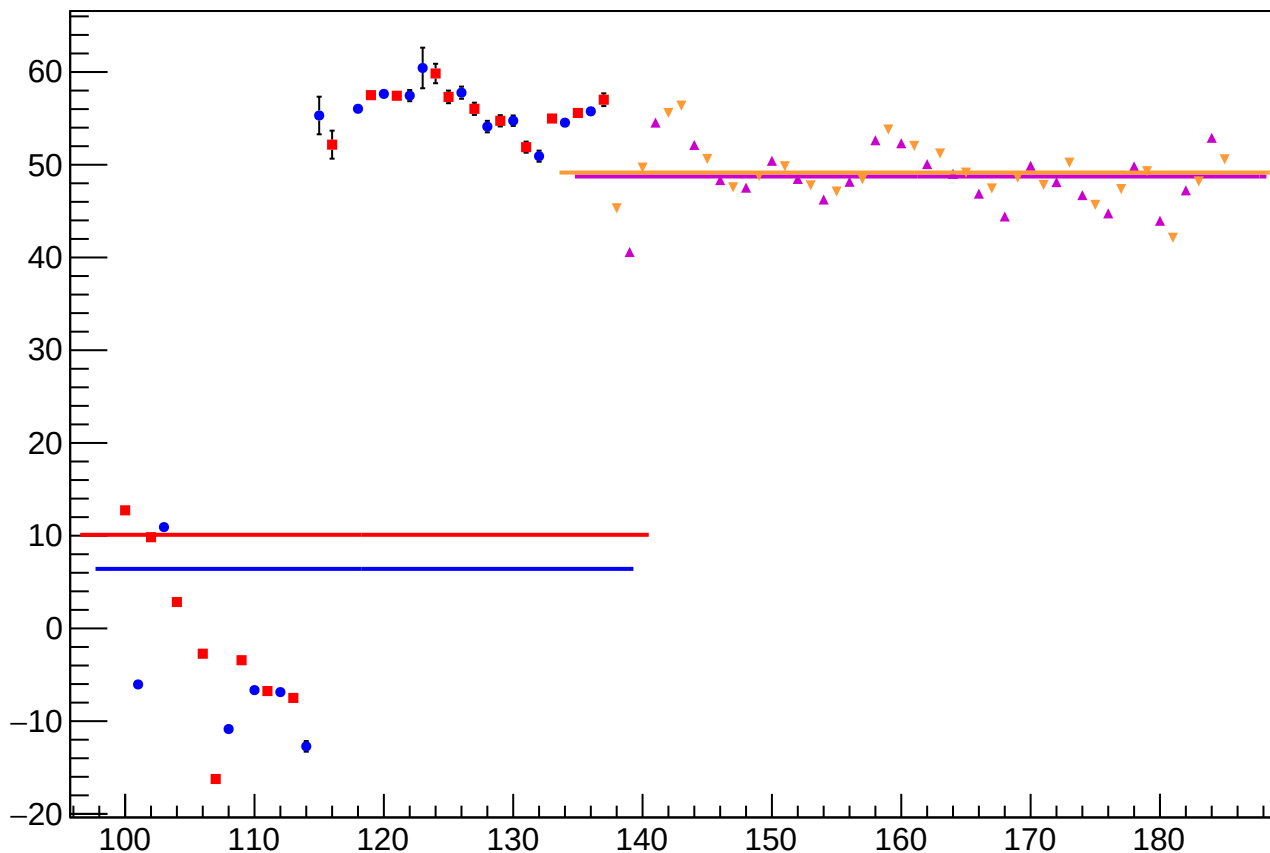
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.885 ± 0.056 $\chi^2/\text{NDF}: 9523.4/39$

Out: 4.029 ± 0.056 $\chi^2/\text{NDF}: 12303.0/43$

All: 3.956 ± 0.040 $\chi^2/\text{NDF}: 21829.7/83$

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: 49.161 ± 0.062 χ^2/NDF : 2261.0/24

Right Out: 10.096 ± 0.070 χ^2/NDF : 122124.3/18

Left In: 48.731 ± 0.064 χ^2/NDF : 2117.7/22

Left: 48.953 ± 0.044 χ^2/NDF : 4402.3/47

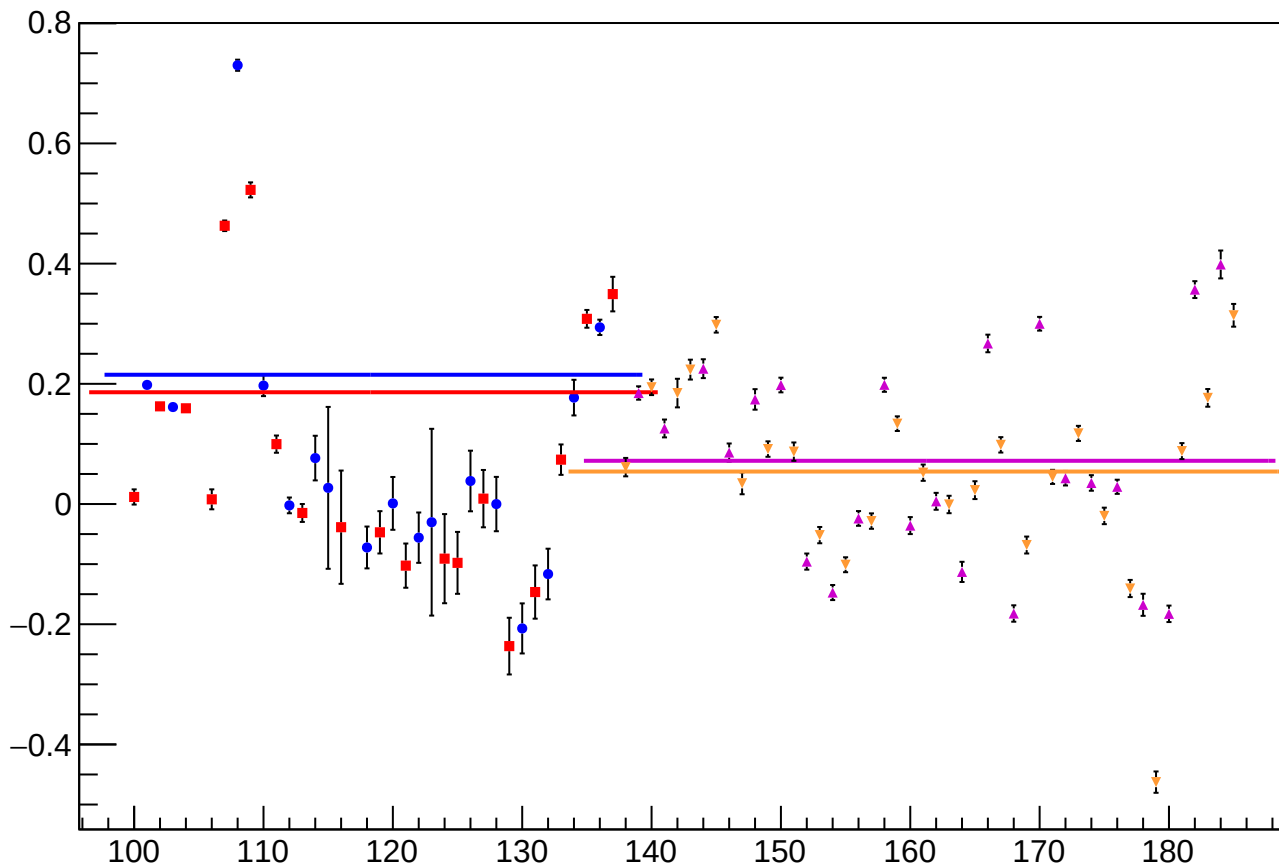
Right: 8.122 ± 0.047 χ^2/NDF : 246726.1/35

In: 27.963 ± 0.045 χ^2/NDF : 342747.7/39

Out: 31.995 ± 0.046 χ^2/NDF : 300425.1/43

All: 29.941 ± 0.032 χ^2/NDF : 647050.9/83

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.054 $\pm$ 0.003 χ^2 /NDF:2379.9/24

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.072 $\pm$ 0.003 χ^2 /NDF:3272.0/22

Left: 0.063 $\pm$ 0.002 χ^2 /NDF: 5671.8/47

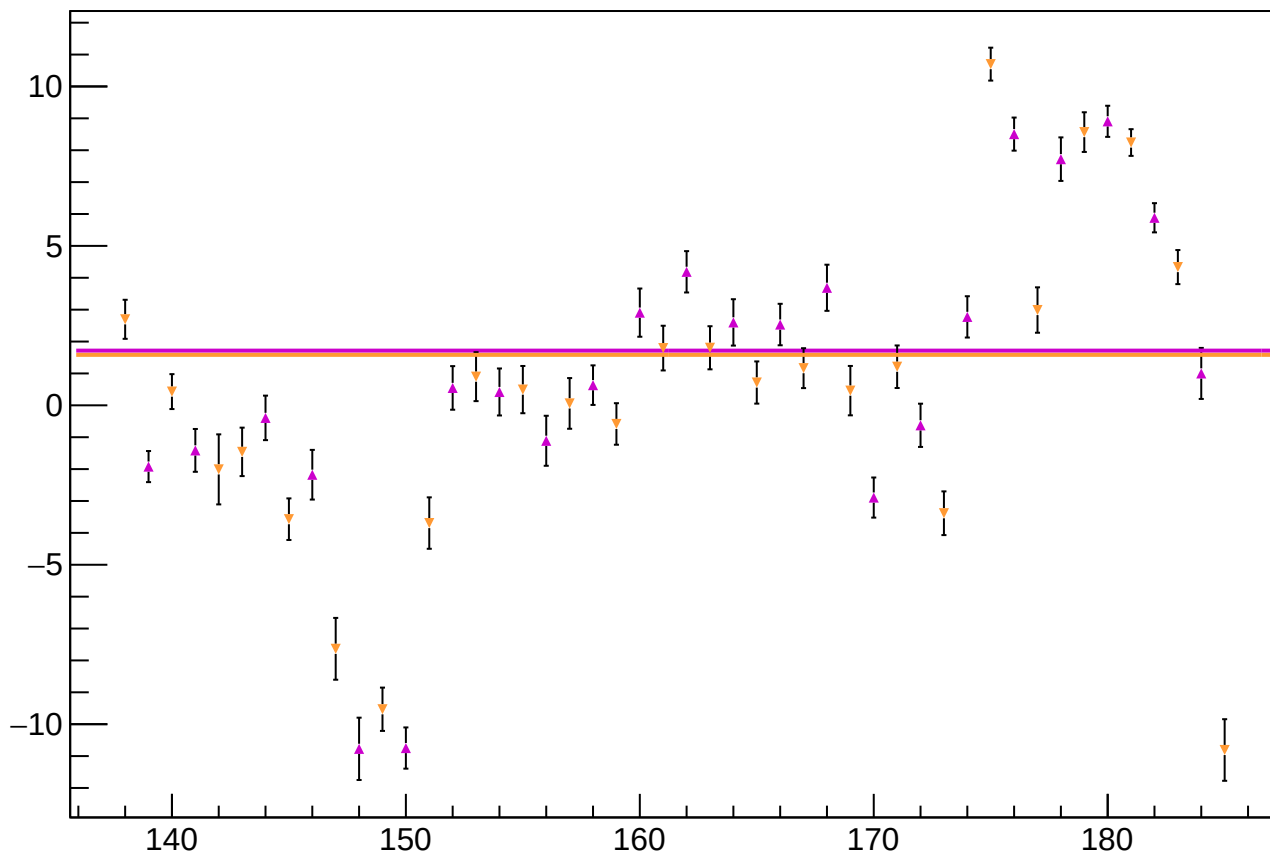
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.145 $\pm$ 0.002 χ^2 /NDF:8500.1/39

Out: 0.123 $\pm$ 0.002 χ^2 /NDF:6245.2/43

All: 0.134 $\pm$ 0.001 χ^2 /NDF: 14809.1/83

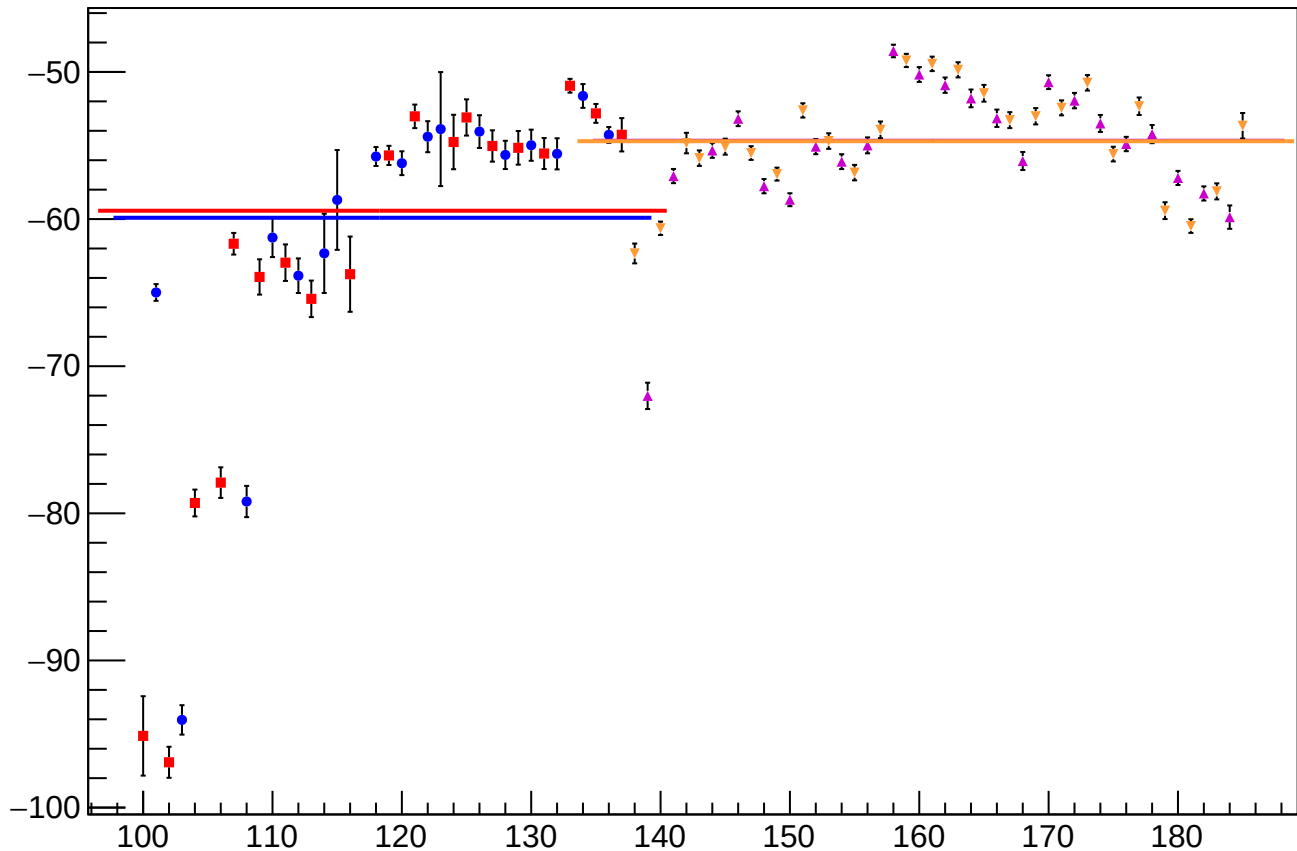
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.583 $\pm$ 0.133 χ^2 /NDF:1458.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22

Left: 1.648 $\pm$ 0.094 χ^2 /NDF: 2772.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.715 $\pm$ 0.134 χ^2 /NDF:1313.5/22
 Out: 1.583 $\pm$ 0.133 χ^2 /NDF:1458.9/24
 All: 1.648 $\pm$ 0.094 χ^2 /NDF: 2772.9/47

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 χ^2/NDF : 1980.8/16

Left Out: -54.707 ± 0.106 χ^2/NDF : 1125.9/24

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.677 ± 0.109 χ^2/NDF : 1140.6/22

Left: -54.692 ± 0.076 χ^2/NDF : 2266.5/47

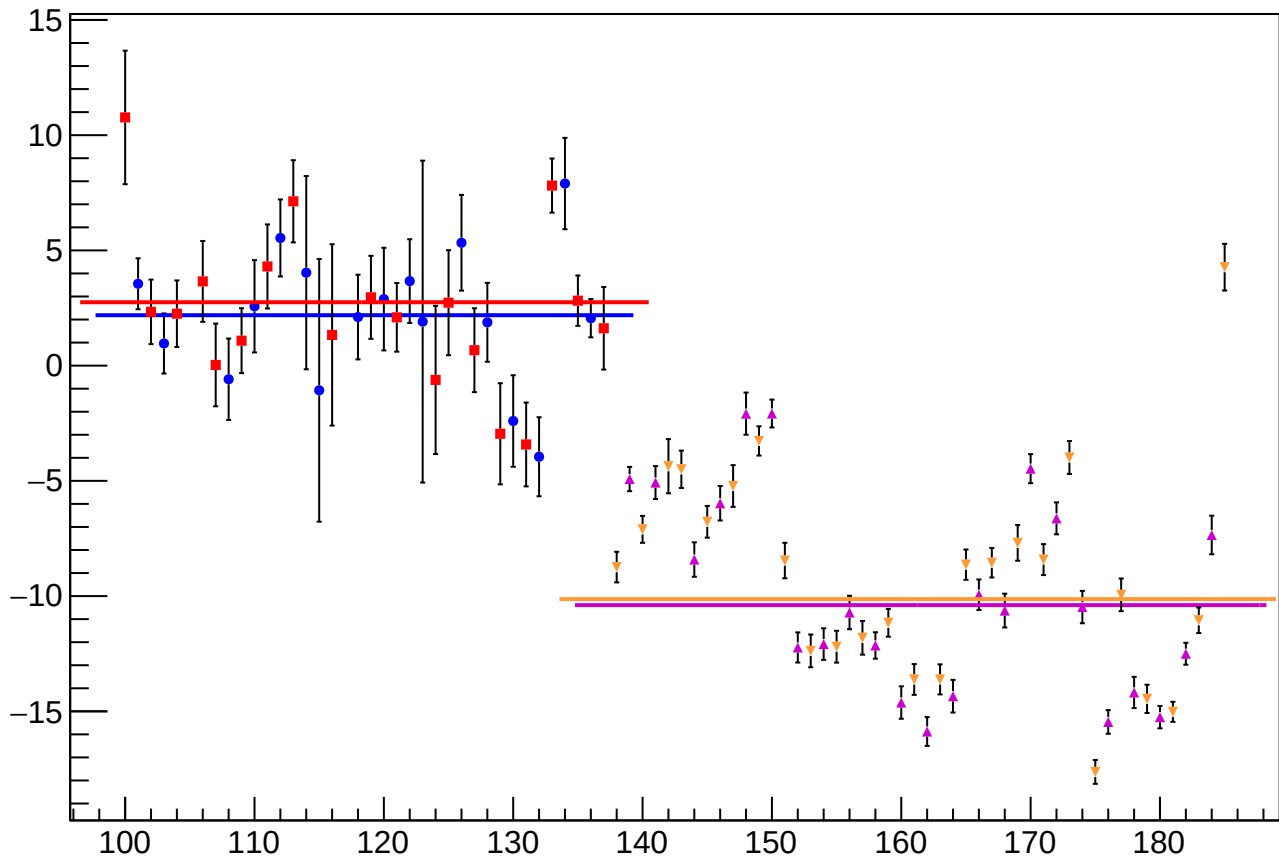
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.692 ± 0.098 χ^2/NDF : 3564.7/39

Out: -55.650 ± 0.095 χ^2/NDF : 4443.7/43

All: -55.670 ± 0.068 χ^2/NDF : 8008.5/83

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 χ^2/NDF : 39.1/16

Left Out: -10.130 ± 0.133 χ^2/NDF : 1055.7/24

Right Out: 2.751 ± 0.387 χ^2/NDF : 58.6/18

Left In: -10.391 ± 0.134 χ^2/NDF : 1024.8/22

Left: -10.259 ± 0.094 χ^2/NDF : 2082.3/47

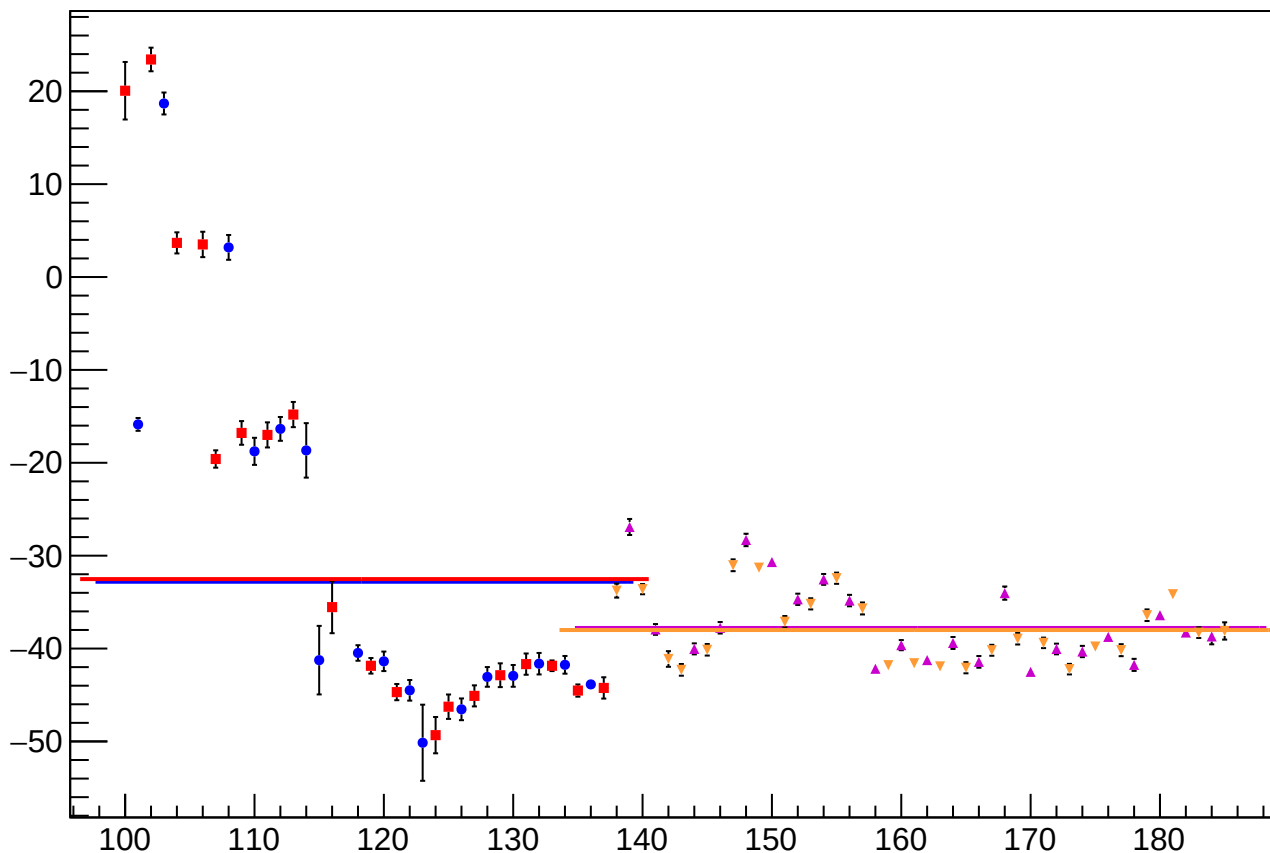
Right: 2.482 ± 0.280 χ^2/NDF : 98.7/35

In: -9.151 ± 0.127 χ^2/NDF : 1935.5/39

Out: -8.775 ± 0.126 χ^2/NDF : 2103.7/43

All: -8.961 ± 0.089 χ^2/NDF : 4043.6/83

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: -38.006 ± 0.119 $\chi^2/\text{NDF}: 945.8/24$

Right Out: -32.522 ± 0.244 $\chi^2/\text{NDF}: 6040.2/18$

Left In: -37.784 ± 0.122 $\chi^2/\text{NDF}: 1079.7/22$

Left: -37.898 ± 0.085 $\chi^2/\text{NDF}: 2027.2/47$

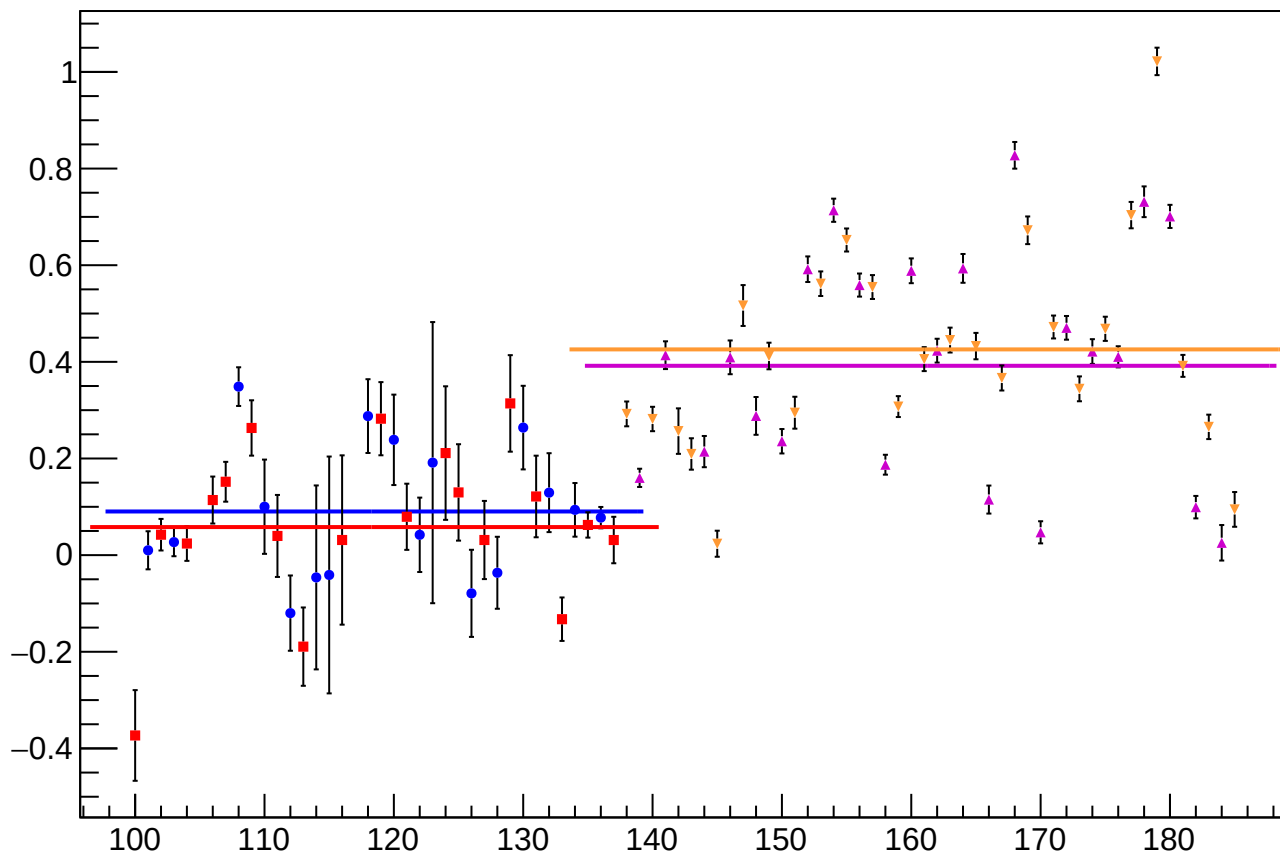
Right: -32.658 ± 0.176 $\chi^2/\text{NDF}: 10703.7/35$

In: -36.854 ± 0.110 $\chi^2/\text{NDF}: 6054.0/39$

Out: -36.954 ± 0.107 $\chi^2/\text{NDF}: 7395.5/43$

All: -36.905 ± 0.077 $\chi^2/\text{NDF}: 13450.0/83$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 χ^2/NDF : 79.4/16

Left Out: 0.426 ± 0.005 χ^2/NDF : 1303.7/24

Right Out: 0.058 ± 0.012 χ^2/NDF : 87.1/18

Left In: 0.392 ± 0.005 χ^2/NDF : 1835.6/22

Left: 0.409 ± 0.004 χ^2/NDF : 3159.3/47

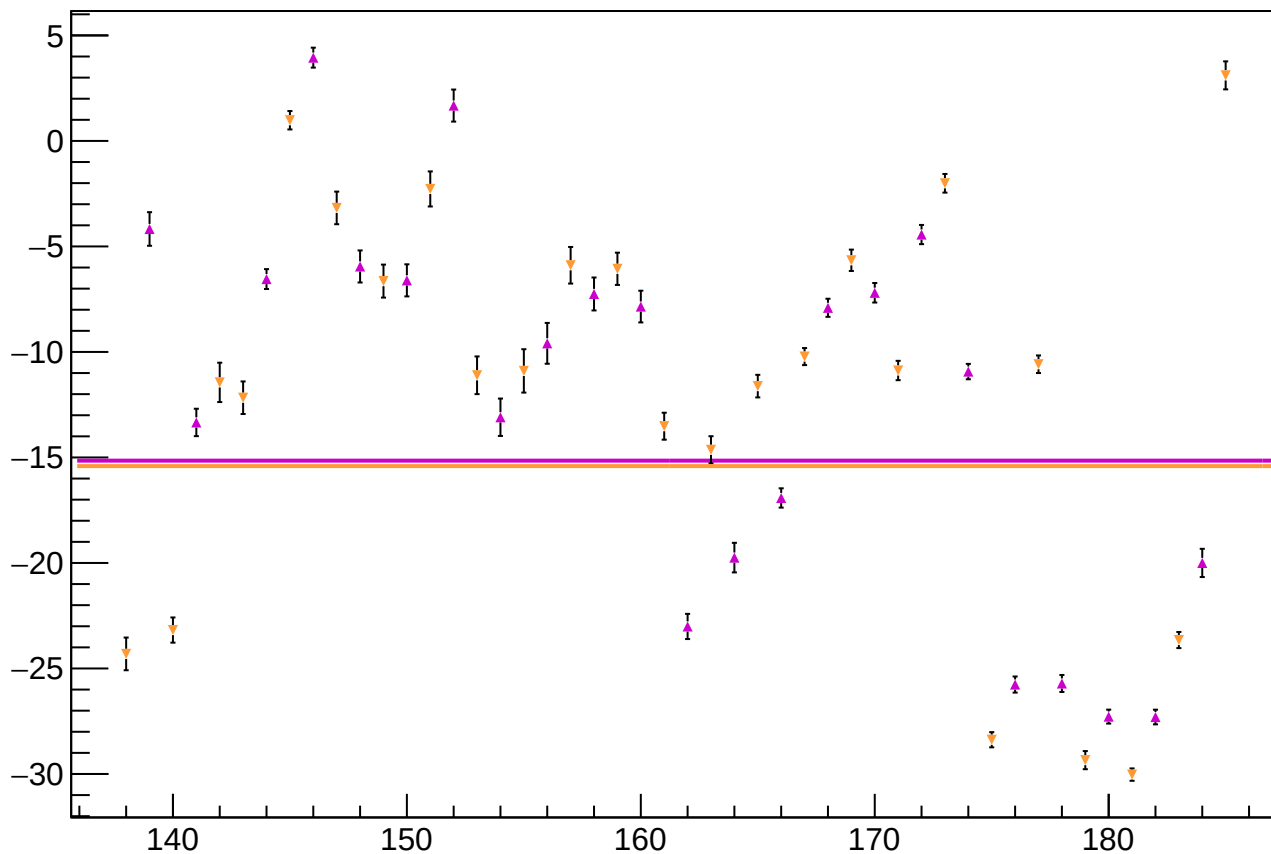
Right: 0.073 ± 0.009 χ^2/NDF : 169.9/35

In: 0.346 ± 0.005 χ^2/NDF : 2391.4/39

Out: 0.366 ± 0.005 χ^2/NDF : 2158.1/43

All: 0.356 ± 0.003 χ^2/NDF : 4557.1/83

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -15.411 $\pm$ 0.105 χ^2 /NDF:10508.3/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.151 $\pm$ 0.106 χ^2 /NDF:8744.3/22

Left: -15.282 $\pm$ 0.075 χ^2 /NDF: 19255.7/47

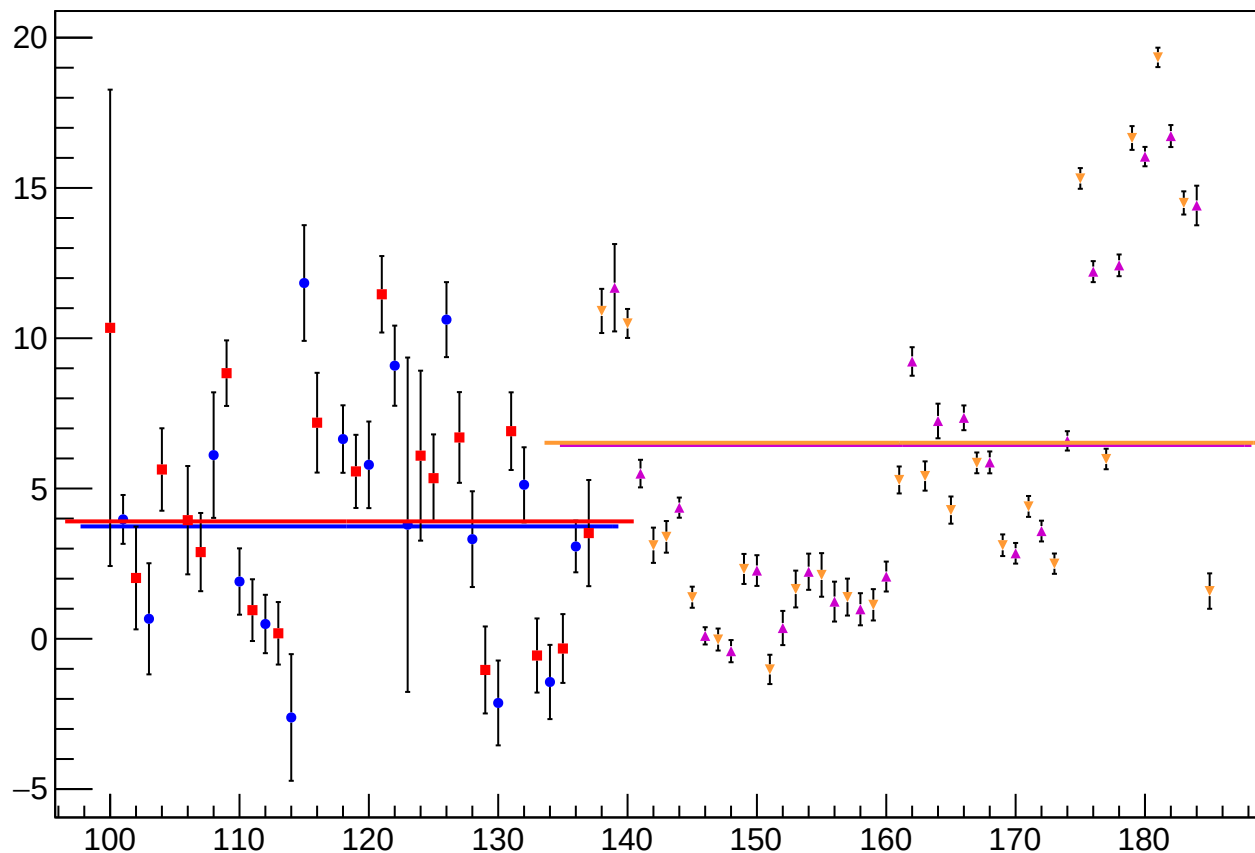
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.151 $\pm$ 0.106 χ^2 /NDF:8744.3/22

Out: -15.411 $\pm$ 0.105 χ^2 /NDF:10508.3/24

All: -15.282 $\pm$ 0.075 χ^2 /NDF: 19255.7/47

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 ± 0.309 χ^2/NDF : 136.9/16

Left Out: 6.522 ± 0.085 χ^2/NDF : 4985.0/24

Right Out: 3.906 ± 0.316 χ^2/NDF : 135.5/18

Left In: 6.448 ± 0.086 χ^2/NDF : 3955.6/22

Left: 6.485 ± 0.061 χ^2/NDF : 8941.0/47

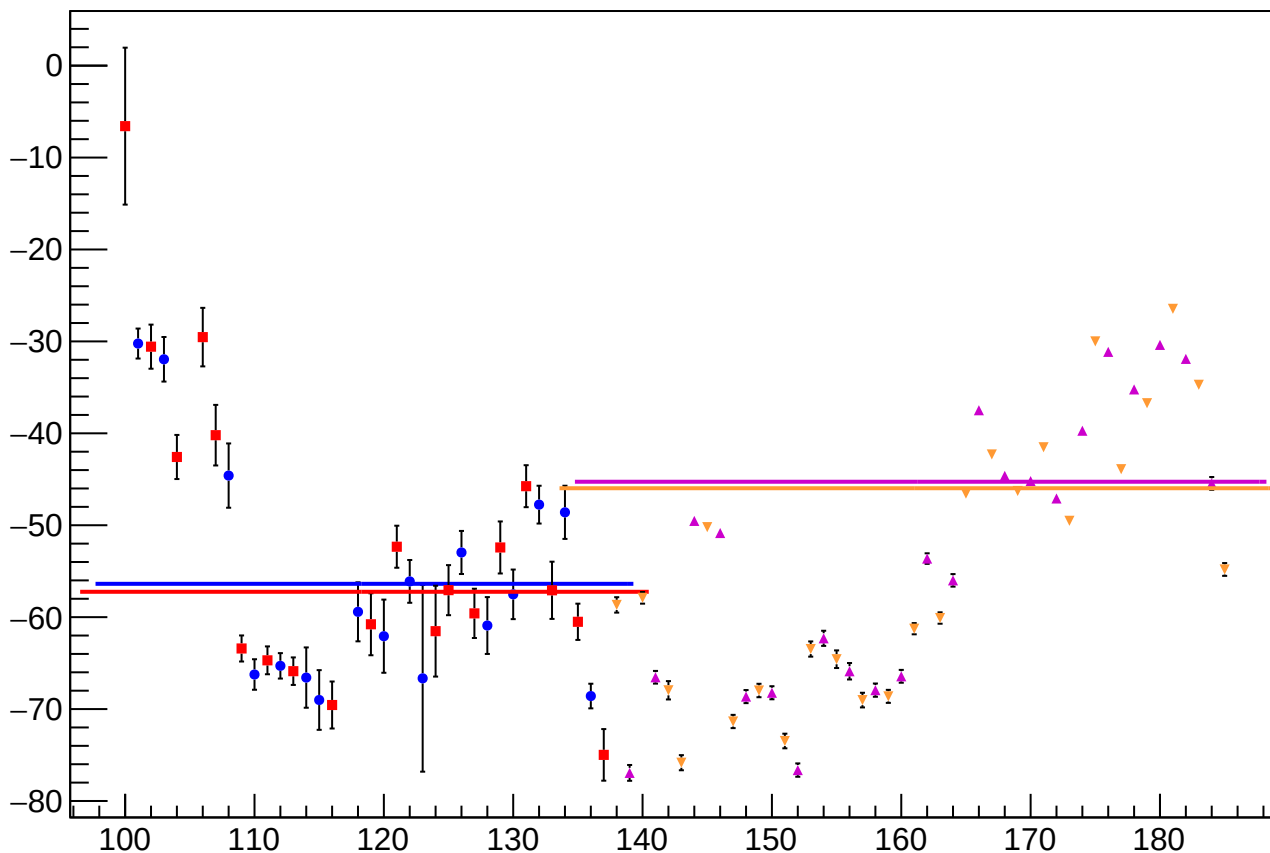
Right: 3.821 ± 0.221 χ^2/NDF : 272.5/35

In: 6.254 ± 0.083 χ^2/NDF : 4163.9/39

Out: 6.344 ± 0.082 χ^2/NDF : 5184.4/43

All: 6.299 ± 0.058 χ^2/NDF : 9348.8/83

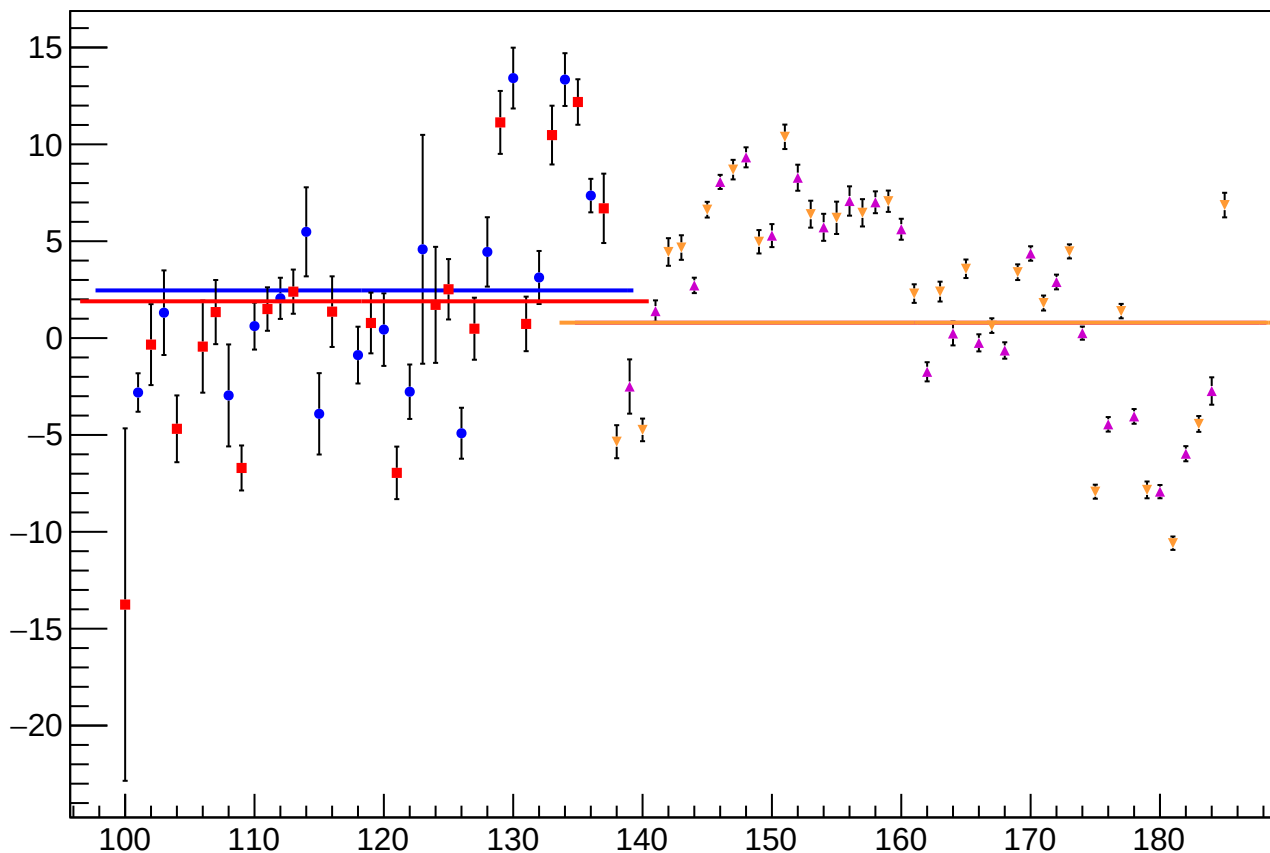
reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16
 Left Out: -45.975 ± 0.106 χ^2/NDF : 17363.8/24
 Right Out: -57.240 ± 0.536 χ^2/NDF : 476.3/18
 Left In: -45.268 ± 0.107 χ^2/NDF : 15775.7/22

Left: -45.623 ± 0.075 χ^2/NDF : 33161.6/47
 Right: -56.812 ± 0.381 χ^2/NDF : 1065.2/35
 In: -45.681 ± 0.105 χ^2/NDF : 16766.0/39
 Out: -46.400 ± 0.104 χ^2/NDF : 18265.4/43
 All: -46.043 ± 0.074 χ^2/NDF : 35055.1/83

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 $\pm$ 0.346 χ^2 /NDF: 243.9/16

Left Out: 0.796 $\pm$ 0.095 χ^2 /NDF:3760.0/24

Right Out: 1.898 $\pm$ 0.355 χ^2 /NDF: 268.1/18

Left In: 0.791 $\pm$ 0.096 χ^2 /NDF:2697.7/22

Left: 0.794 $\pm$ 0.068 χ^2 /NDF: 6457.7/47

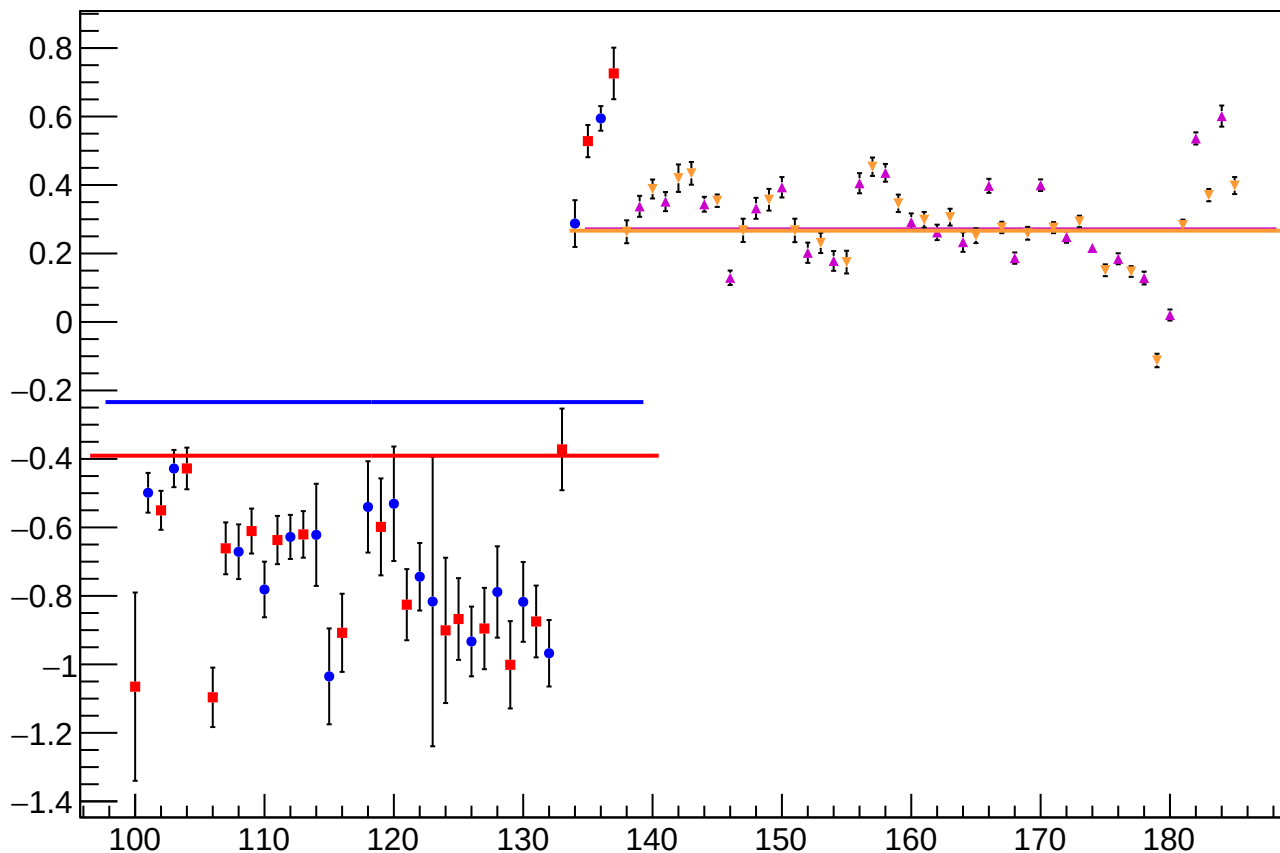
Right: 2.186 $\pm$ 0.248 χ^2 /NDF: 513.3/35

In: 0.911 $\pm$ 0.093 χ^2 /NDF:2963.2/39

Out: 0.871 $\pm$ 0.092 χ^2 /NDF:4037.1/43

All: 0.891 $\pm$ 0.065 χ^2 /NDF: 7000.4/83

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: 0.267 ± 0.004 χ^2/NDF : 699.8/24

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.270 ± 0.004 χ^2/NDF : 973.5/22

Left: 0.269 ± 0.003 χ^2/NDF : 1673.7/47

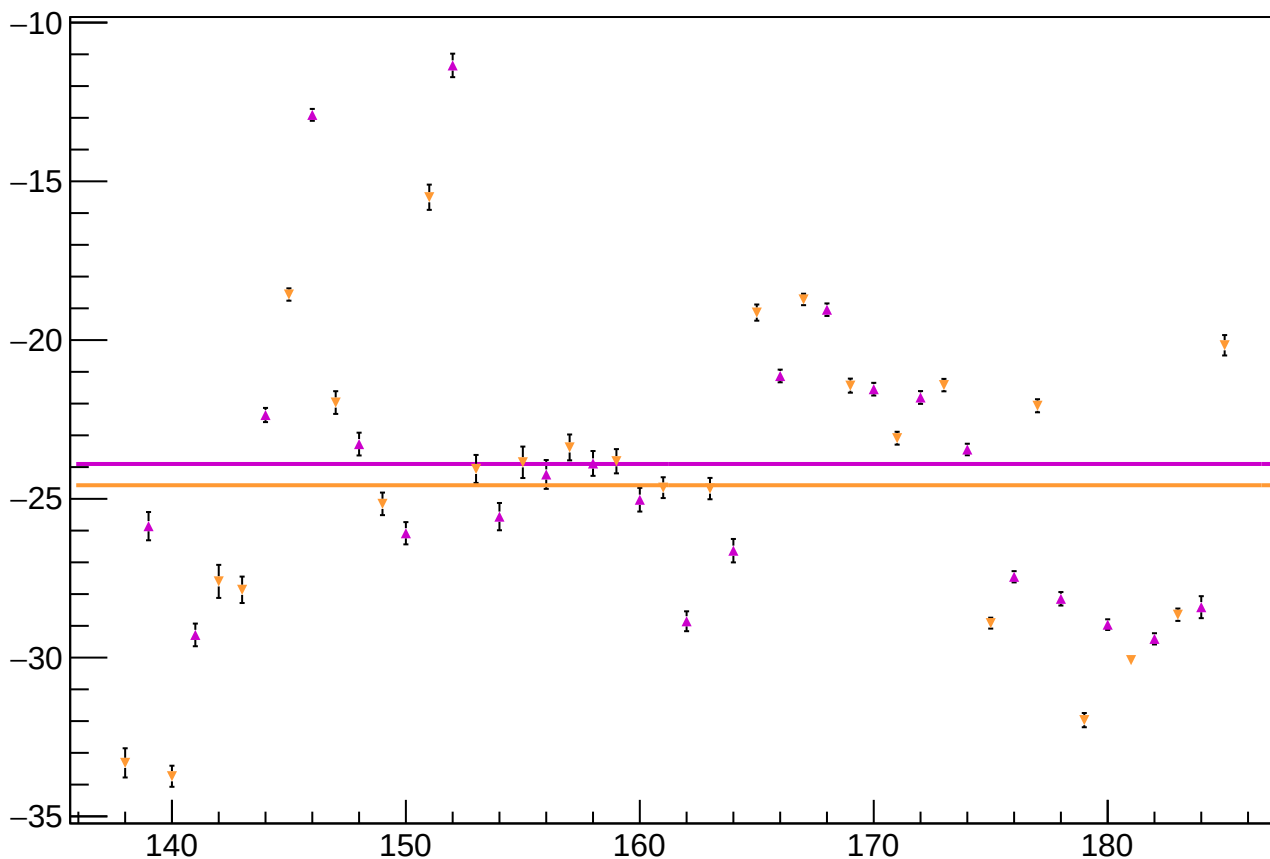
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.244 ± 0.004 χ^2/NDF : 2607.7/39

Out: 0.234 ± 0.004 χ^2/NDF : 2693.8/43

All: 0.239 ± 0.003 χ^2/NDF : 5304.6/83

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -24.572 $\pm$ 0.051 χ^2 /NDF:8599.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Left: -24.236 $\pm$ 0.036 χ^2 /NDF: 17845.3/47

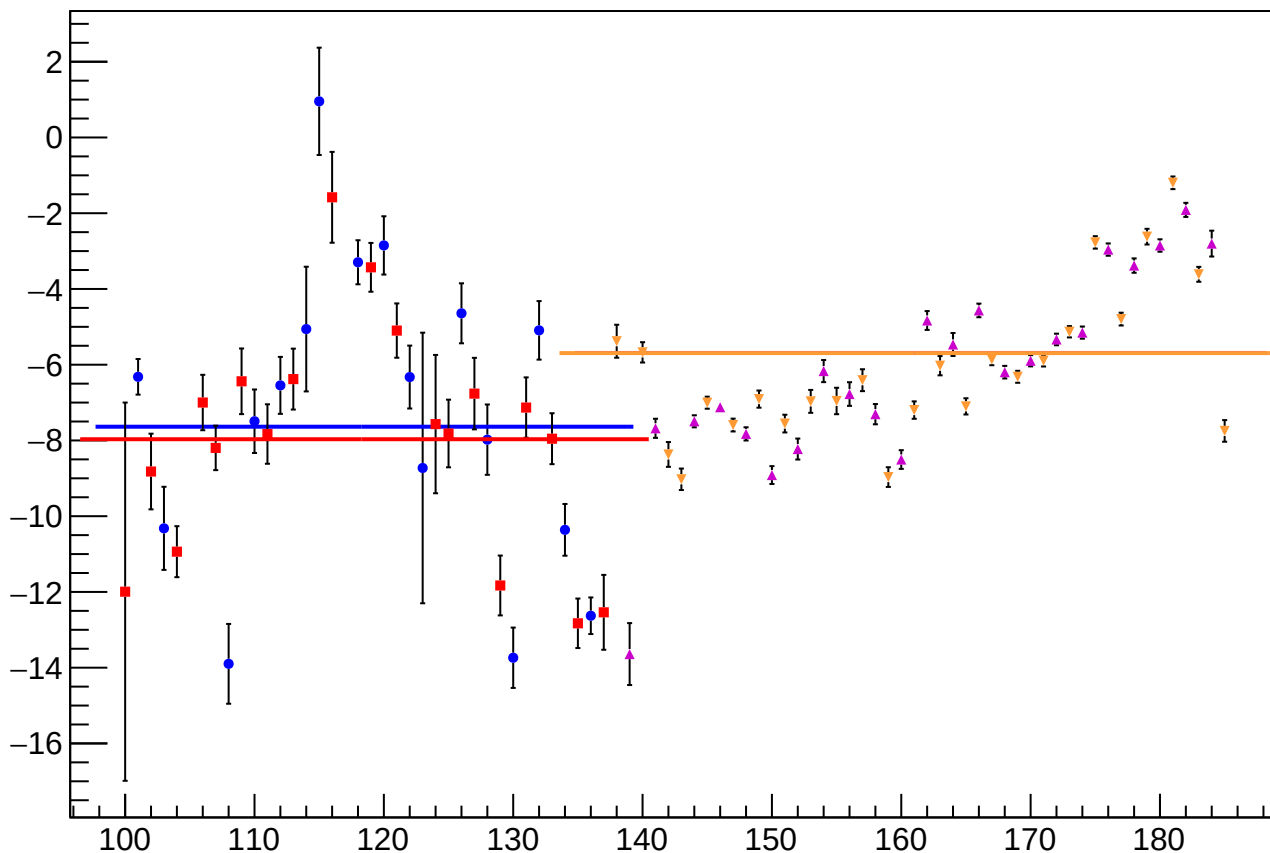
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -23.902 $\pm$ 0.051 χ^2 /NDF:9158.9/22

Out: -24.572 $\pm$ 0.051 χ^2 /NDF:8599.7/24

All: -24.236 $\pm$ 0.036 χ^2 /NDF: 17845.3/47

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.637 ± 0.186 χ^2/NDF : 394.0/16

Left Out: -5.694 ± 0.041 χ^2/NDF : 2258.2/24

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.690 ± 0.041 χ^2/NDF : 2328.2/22

Left: -5.692 ± 0.029 χ^2/NDF : 4586.4/47

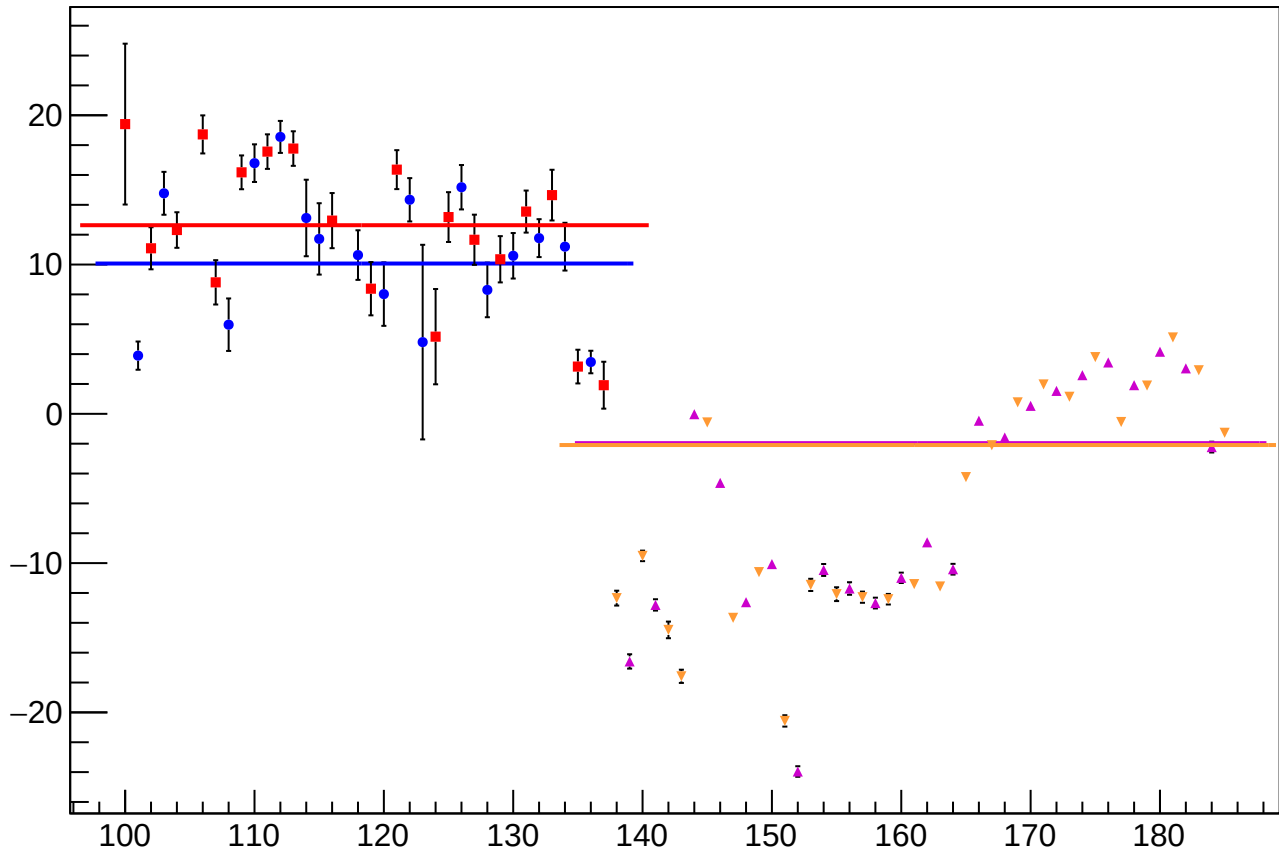
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -5.779 ± 0.040 χ^2/NDF : 2826.9/39

Out: -5.800 ± 0.040 χ^2/NDF : 2628.3/43

All: -5.789 ± 0.028 χ^2/NDF : 5455.3/83

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -2.090 ± 0.051 $\chi^2/\text{NDF}: 16305.3/24$

Right Out: 12.635 ± 0.332 $\chi^2/\text{NDF}: 220.5/18$

Left In: -1.963 ± 0.051 $\chi^2/\text{NDF}: 15492.9/22$

Left: -2.026 ± 0.036 $\chi^2/\text{NDF}: 31801.3/47$

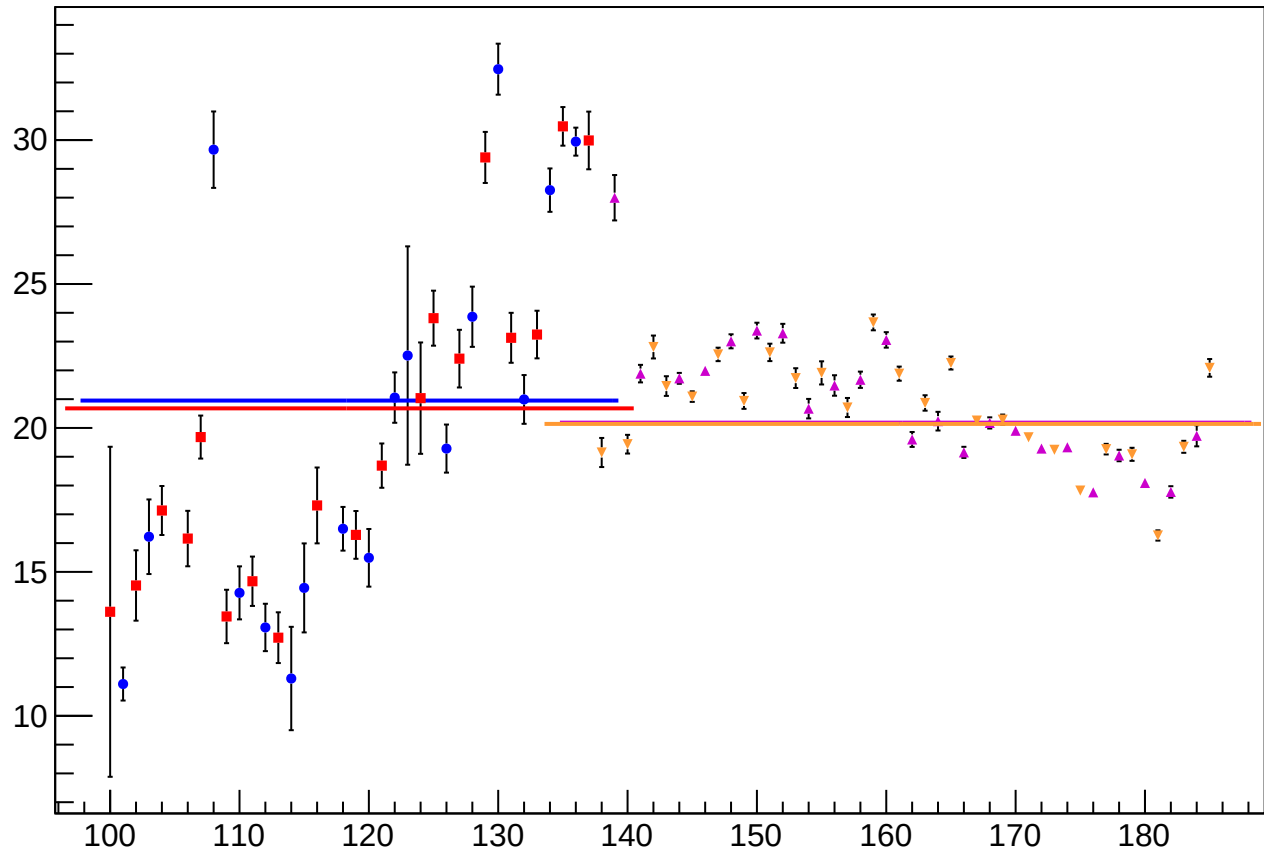
Right: 11.370 ± 0.237 $\chi^2/\text{NDF}: 503.5/35$

In: -1.694 ± 0.050 $\chi^2/\text{NDF}: 16989.4/39$

Out: -1.747 ± 0.051 $\chi^2/\text{NDF}: 18441.8/43$

All: -1.720 ± 0.036 $\chi^2/\text{NDF}: 35431.7/83$

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: 20.140 $\pm$ 0.046 χ^2 /NDF: 1419.0/24

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.184 $\pm$ 0.046 χ^2 /NDF: 1470.7/22

Left: 20.162 $\pm$ 0.032 χ^2 /NDF: 2890.2/47

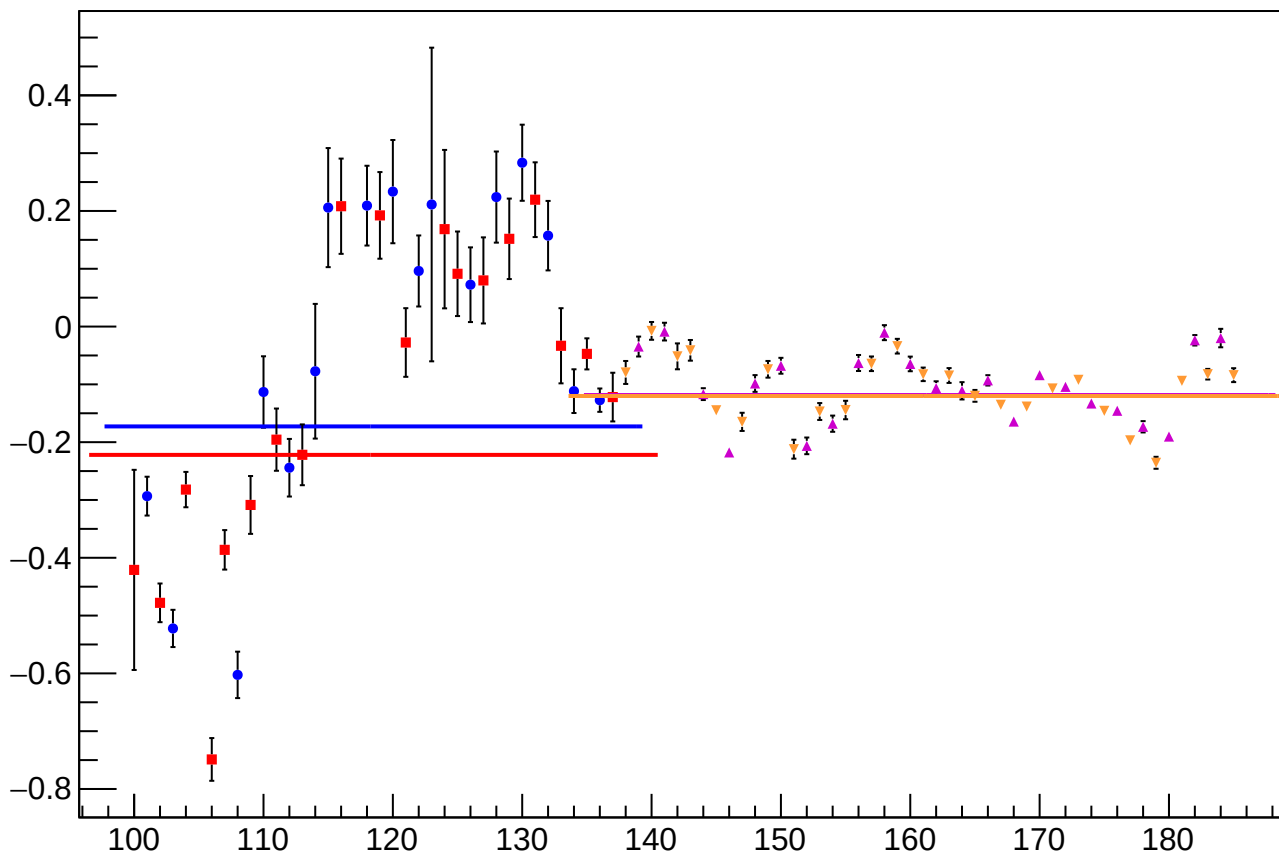
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.219 $\pm$ 0.045 χ^2 /NDF: 2706.2/39

Out: 20.164 $\pm$ 0.045 χ^2 /NDF: 2153.7/43

All: 20.192 $\pm$ 0.032 χ^2 /NDF: 4860.6/83

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 $\chi^2/\text{NDF}: 460.3/16$

Left Out: -0.120 ± 0.002 $\chi^2/\text{NDF}: 530.4/24$

Right Out: -0.222 ± 0.011 $\chi^2/\text{NDF}: 536.5/18$

Left In: -0.118 ± 0.002 $\chi^2/\text{NDF}: 727.5/22$

Left: -0.119 ± 0.001 $\chi^2/\text{NDF}: 1258.1/47$

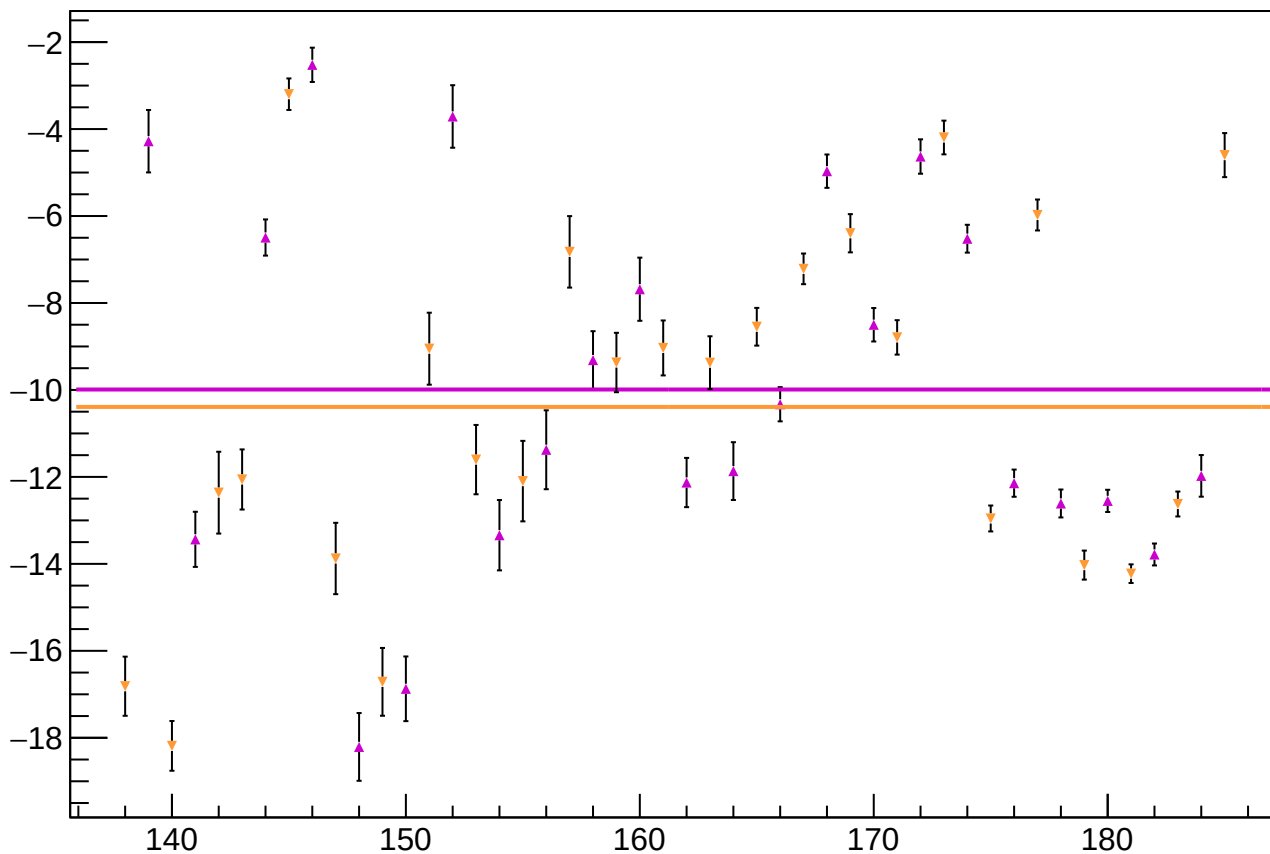
Right: -0.198 ± 0.008 $\chi^2/\text{NDF}: 1006.7/35$

In: -0.120 ± 0.002 $\chi^2/\text{NDF}: 1210.5/39$

Out: -0.124 ± 0.002 $\chi^2/\text{NDF}: 1150.4/43$

All: -0.122 ± 0.001 $\chi^2/\text{NDF}: 2362.3/83$

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.391 $\pm$ 0.088 χ^2 /NDF:2110.5/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.990 $\pm$ 0.089 χ^2 /NDF:1794.2/22

Left: -10.193 $\pm$ 0.063 χ^2 /NDF: 3914.9/47

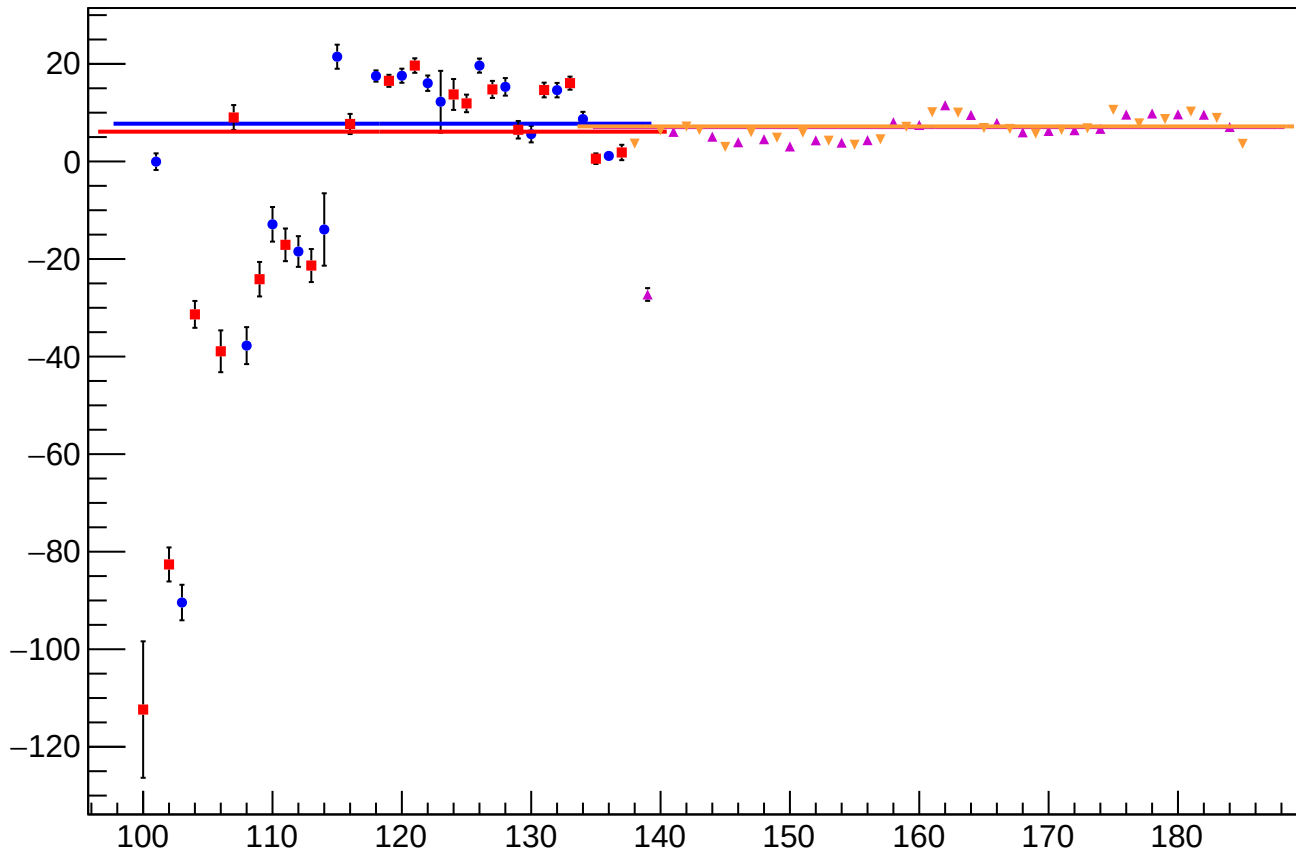
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.990 $\pm$ 0.089 χ^2 /NDF:1794.2/22

Out: -10.391 $\pm$ 0.088 χ^2 /NDF:2110.5/24

All: -10.193 $\pm$ 0.063 χ^2 /NDF: 3914.9/47

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 χ^2/NDF : 1358.9/16

Left Out: 7.184 ± 0.073 χ^2/NDF : 917.4/24

Right Out: 6.106 ± 0.433 χ^2/NDF : 1517.7/18

Left In: 7.043 ± 0.074 χ^2/NDF : 1604.6/22

Left: 7.114 ± 0.052 χ^2/NDF : 2523.8/47

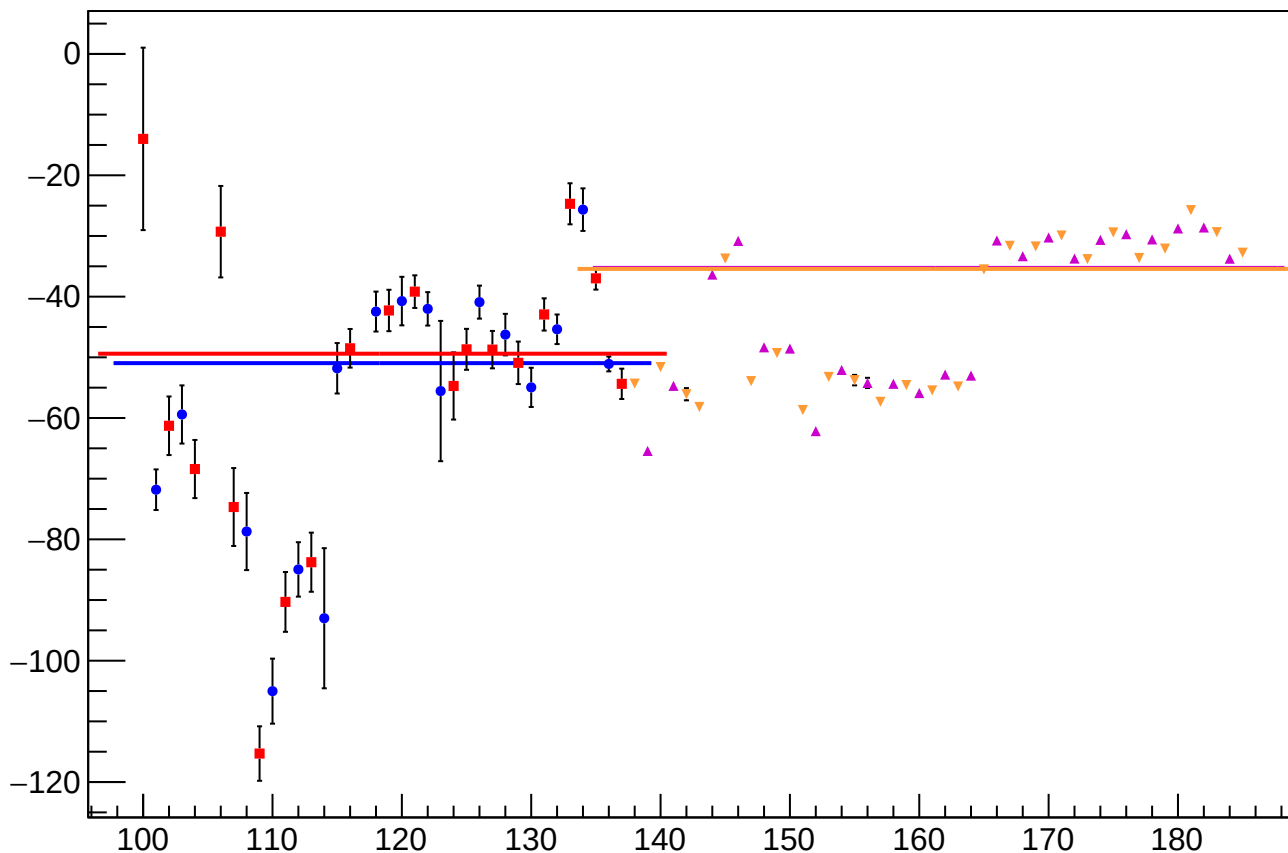
Right: 6.984 ± 0.295 χ^2/NDF : 2884.3/35

In: 7.066 ± 0.073 χ^2/NDF : 2966.4/39

Out: 7.154 ± 0.072 χ^2/NDF : 2441.1/43

All: 7.110 ± 0.051 χ^2/NDF : 5408.2/83

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -35.428 ± 0.089 χ^2/NDF : 12787.6/24

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -35.260 ± 0.090 χ^2/NDF : 11769.2/22

Left: -35.344 ± 0.063 χ^2/NDF : 24558.6/47

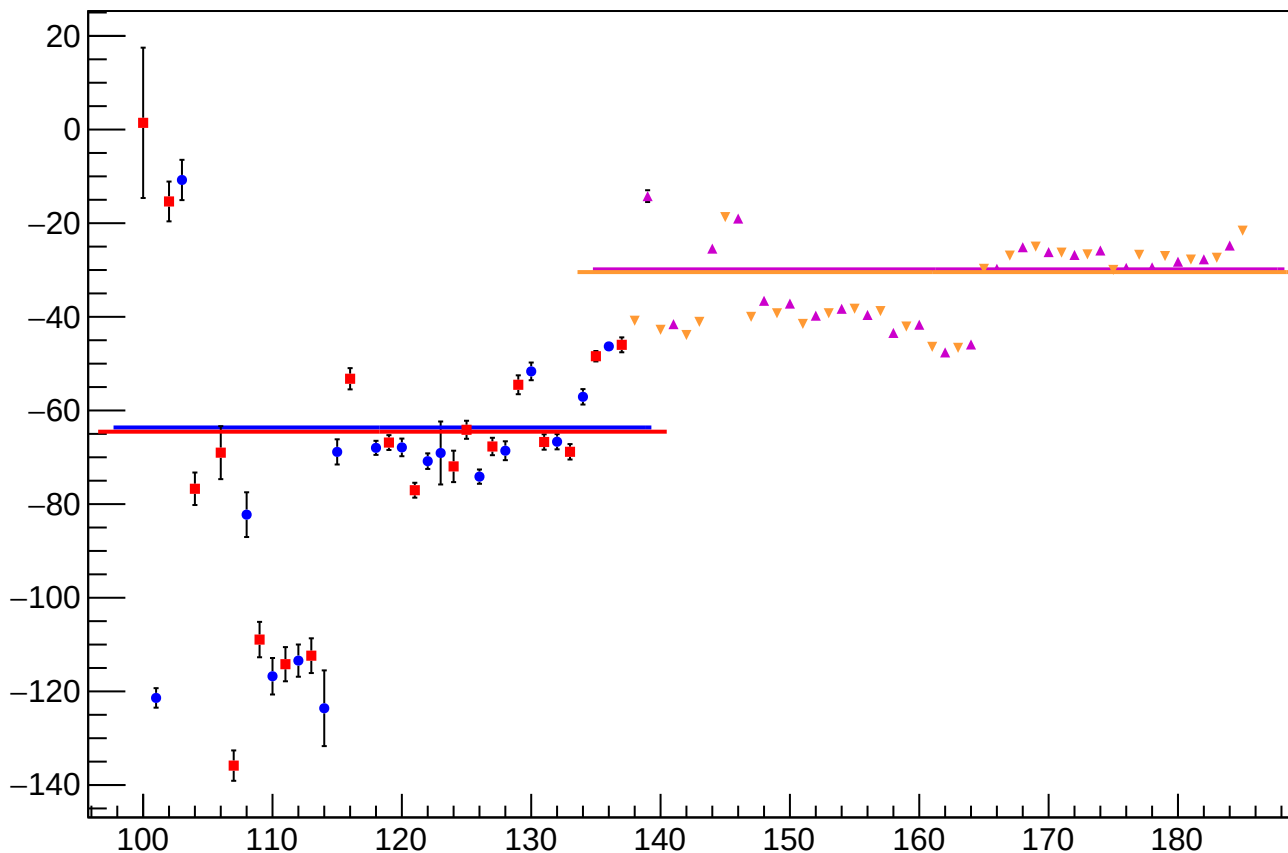
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -35.489 ± 0.089 χ^2/NDF : 12546.6/39

Out: -35.600 ± 0.088 χ^2/NDF : 13603.4/43

All: -35.545 ± 0.063 χ^2/NDF : 26150.8/83

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.444 ± 0.081 χ^2/NDF : 8170.5/24

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -29.863 ± 0.082 χ^2/NDF : 7145.9/22

Left: -30.156 ± 0.058 χ^2/NDF : 15341.5/47

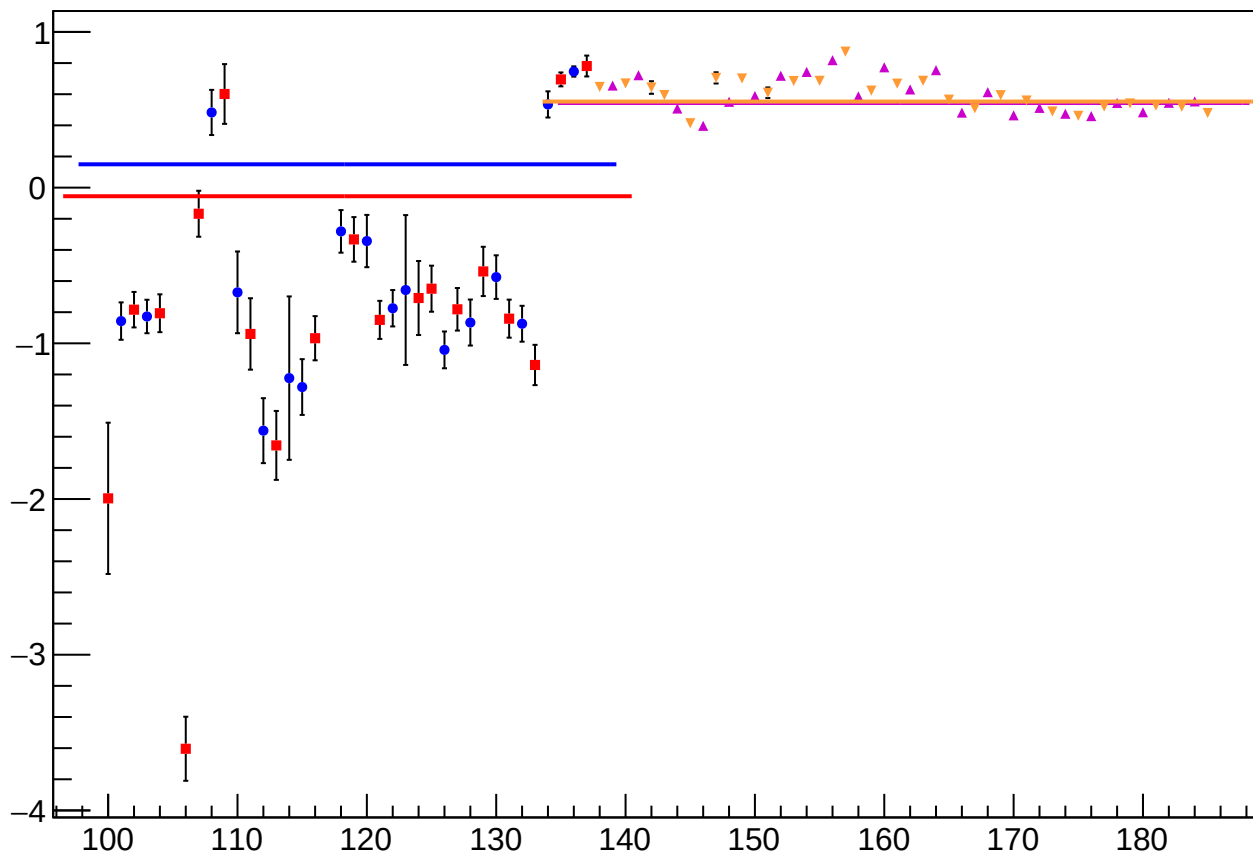
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -30.975 ± 0.081 χ^2/NDF : 14704.7/39

Out: -31.391 ± 0.080 χ^2/NDF : 14644.9/43

All: -31.184 ± 0.057 χ^2/NDF : 29363.0/83

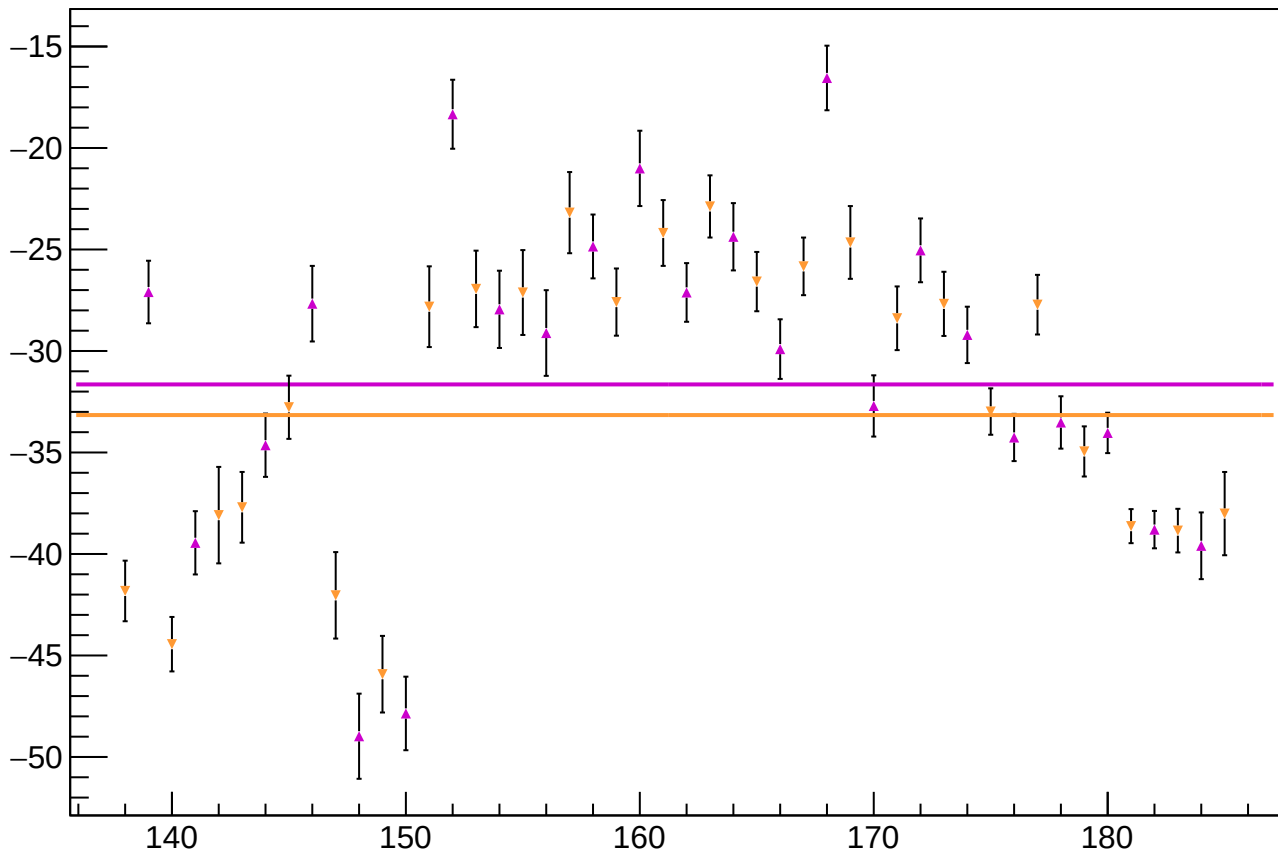
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.553 ± 0.004 $\chi^2/\text{NDF}: 542.0/24$
 Right Out: -0.055 ± 0.026 $\chi^2/\text{NDF}: 1170.0/18$
 Left In: 0.544 ± 0.004 $\chi^2/\text{NDF}: 659.2/22$

Left: 0.548 ± 0.003 $\chi^2/\text{NDF}: 1204.3/47$
 Right: 0.056 ± 0.018 $\chi^2/\text{NDF}: 2192.5/35$
 In: 0.534 ± 0.004 $\chi^2/\text{NDF}: 1911.3/39$
 Out: 0.541 ± 0.004 $\chi^2/\text{NDF}: 2240.5/43$
 All: 0.538 ± 0.003 $\chi^2/\text{NDF}: 4153.5/83$

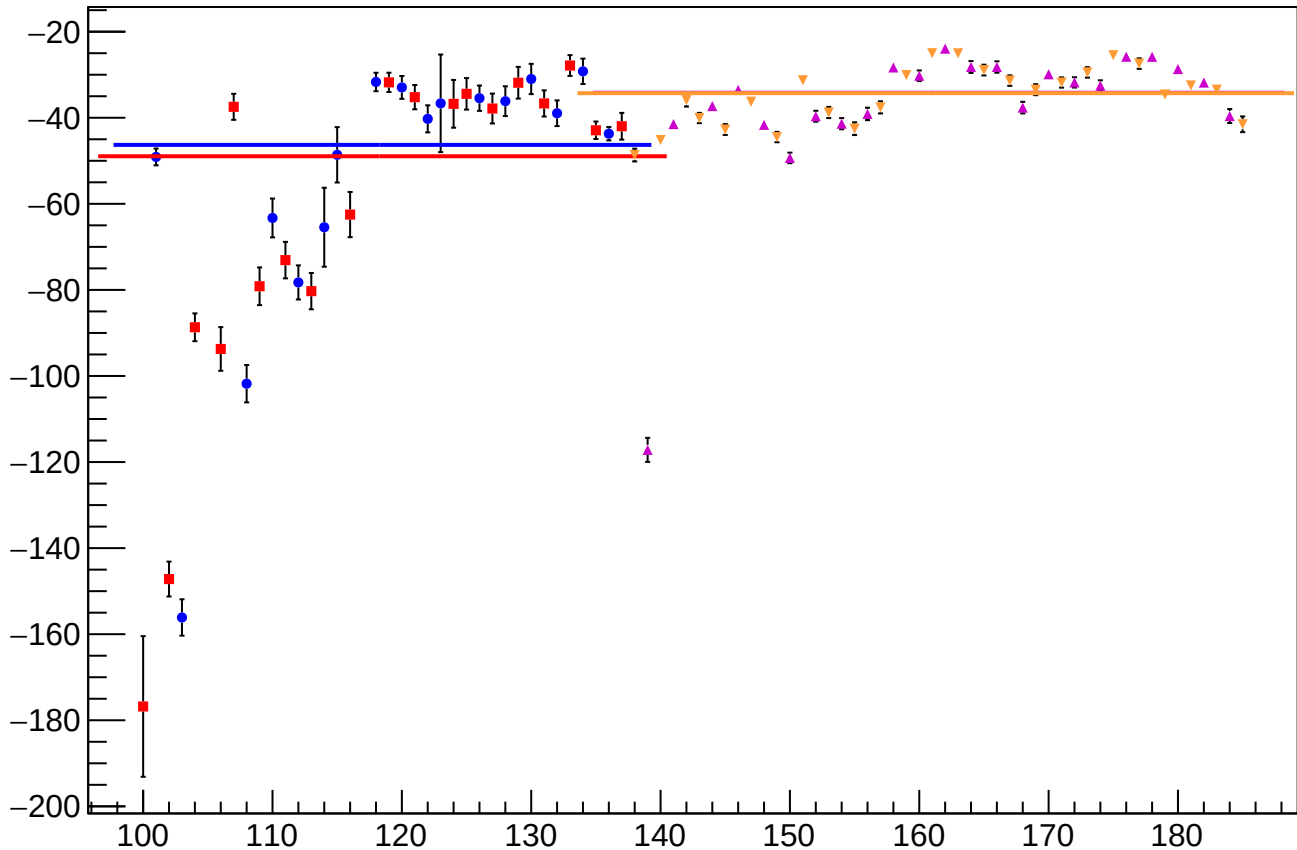
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -33.157+/-0.300 χ^2/NDF :499.7/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -31.647+/-0.308 χ^2/NDF :546.9/22

Left: -32.421+/-0.215 χ^2/NDF : 1059.0/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -31.647+/-0.308 χ^2/NDF :546.9/22
 Out: -33.157+/-0.300 χ^2/NDF :499.7/24
 All: -32.421+/-0.215 χ^2/NDF : 1059.0/47

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -34.285 ± 0.241 $\chi^2/\text{NDF}: 695.4/24$

Right Out: -48.945 ± 0.762 $\chi^2/\text{NDF}: 1273.6/18$

Left In: -34.189 ± 0.250 $\chi^2/\text{NDF}: 1546.1/22$

Left: -34.239 ± 0.174 $\chi^2/\text{NDF}: 2241.6/47$

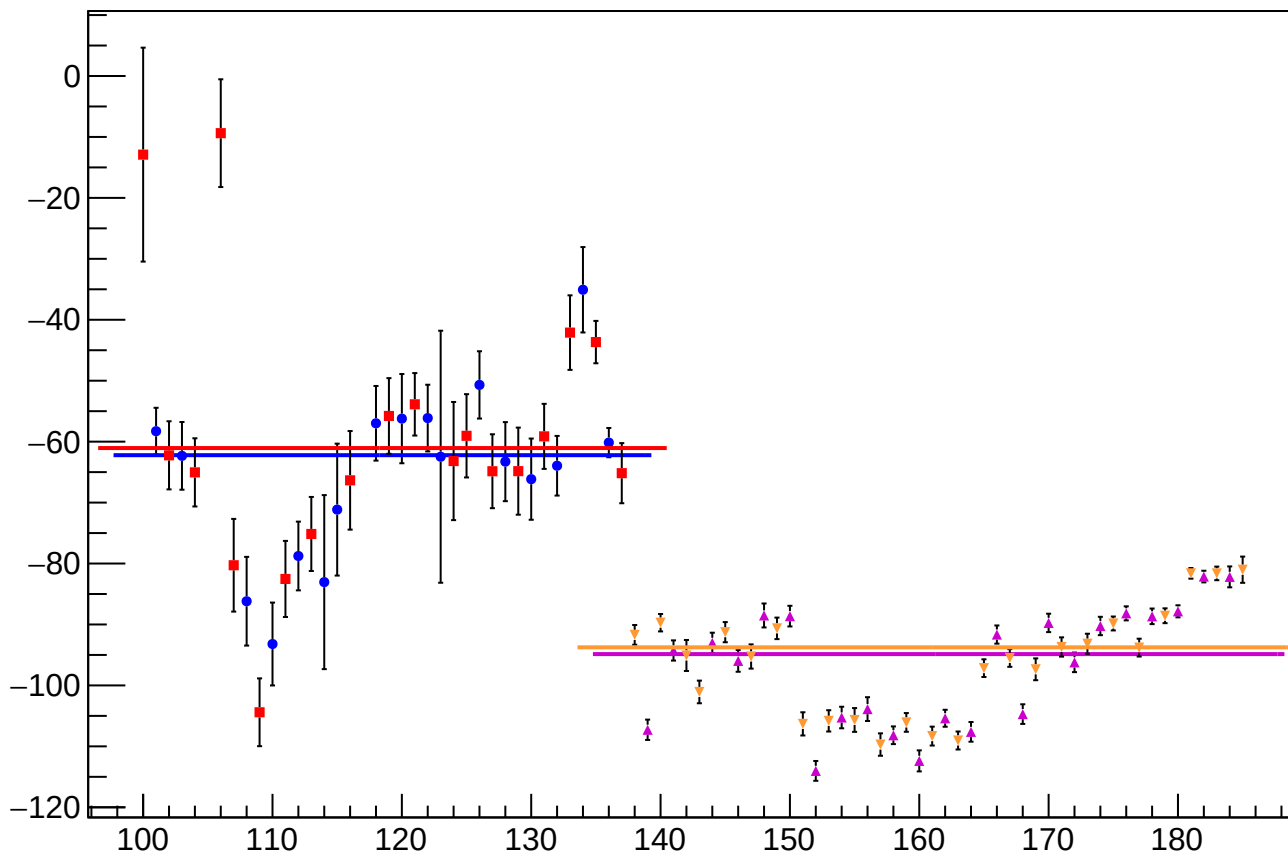
Right: -47.554 ± 0.525 $\chi^2/\text{NDF}: 2363.9/35$

In: -35.483 ± 0.236 $\chi^2/\text{NDF}: 2880.4/39$

Out: -35.621 ± 0.230 $\chi^2/\text{NDF}: 2304.9/43$

All: -35.554 ± 0.165 $\chi^2/\text{NDF}: 5185.5/83$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 χ^2/NDF : 67.3/16

Left Out: -93.751 ± 0.302 χ^2/NDF : 882.9/24

Right Out: -61.051 ± 1.379 χ^2/NDF : 166.0/18

Left In: -94.861 ± 0.307 χ^2/NDF : 985.5/22

Left: -94.296 ± 0.215 χ^2/NDF : 1875.1/47

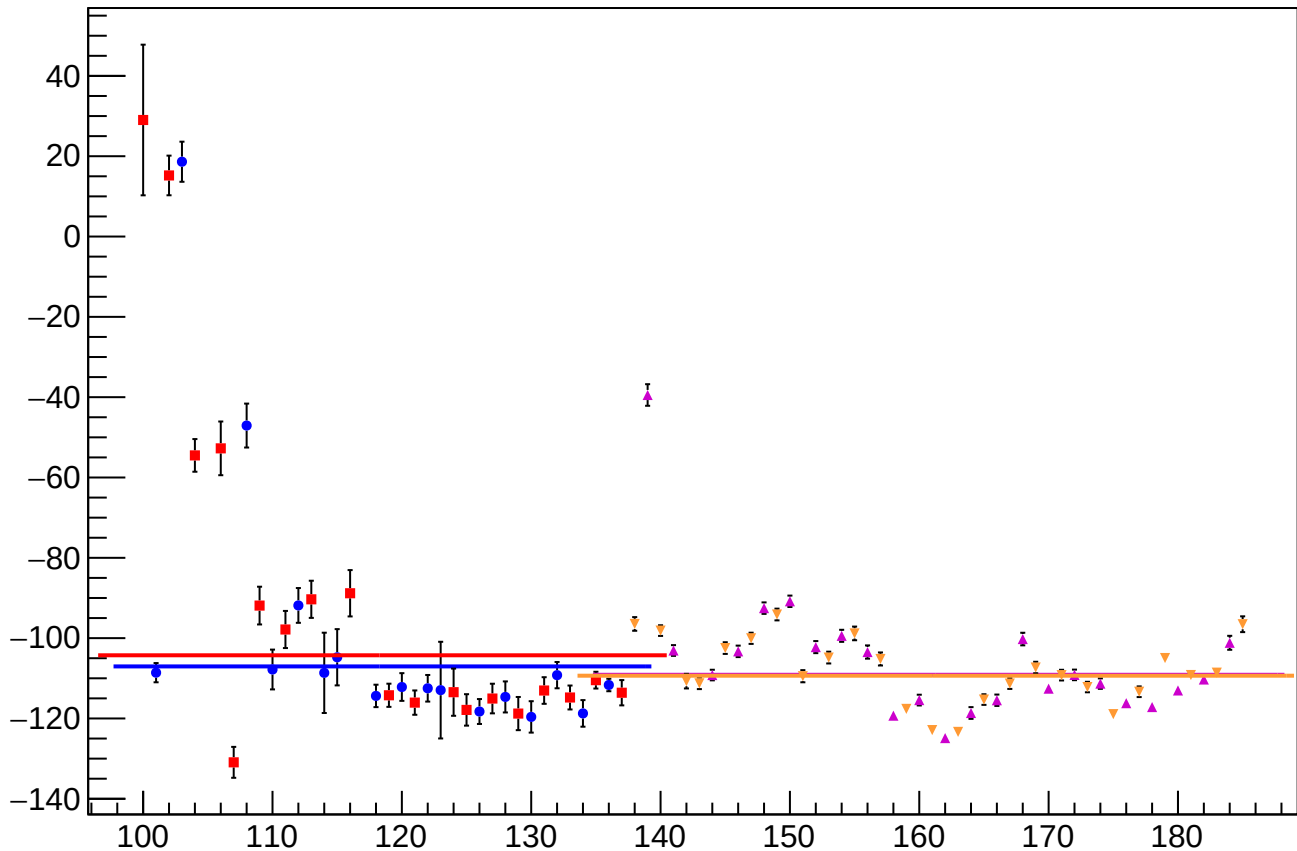
Right: -61.665 ± 0.950 χ^2/NDF : 233.6/35

In: -93.163 ± 0.299 χ^2/NDF : 1639.8/39

Out: -92.257 ± 0.295 χ^2/NDF : 1585.8/43

All: -92.703 ± 0.210 χ^2/NDF : 3230.3/83

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 $\chi^2/\text{NDF}: 827.8/16$

Left Out: -109.352 ± 0.271 $\chi^2/\text{NDF}: 826.8/24$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -109.126 ± 0.279 $\chi^2/\text{NDF}: 1578.7/22$

Left: -109.242 ± 0.195 $\chi^2/\text{NDF}: 2405.9/47$

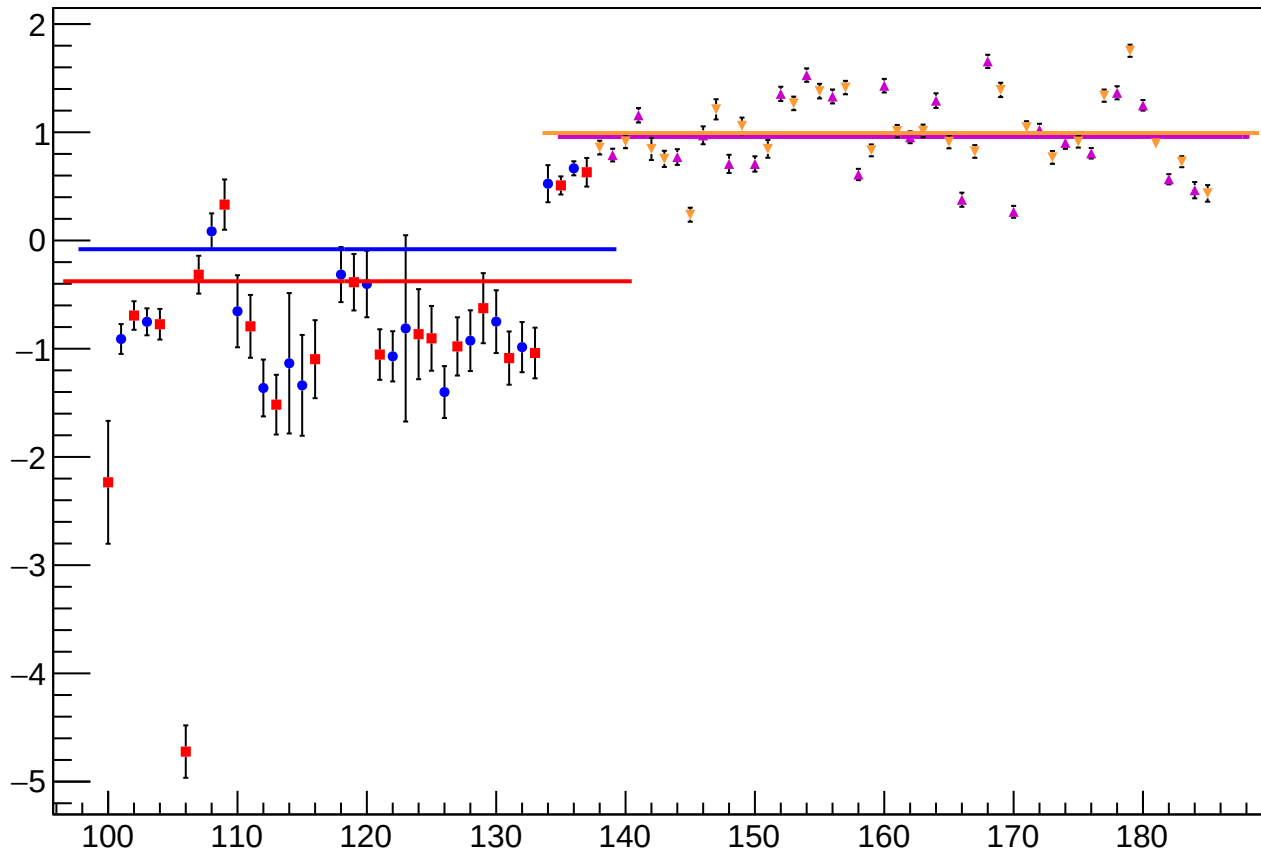
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -108.906 ± 0.264 $\chi^2/\text{NDF}: 2412.5/39$

Out: -108.892 ± 0.259 $\chi^2/\text{NDF}: 1876.6/43$

All: -108.899 ± 0.185 $\chi^2/\text{NDF}: 4289.1/83$

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: 0.993 ± 0.012 χ^2/NDF : 638.7/24

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.957 ± 0.013 χ^2/NDF : 896.5/22

Left: 0.975 ± 0.009 χ^2/NDF : 1539.3/47

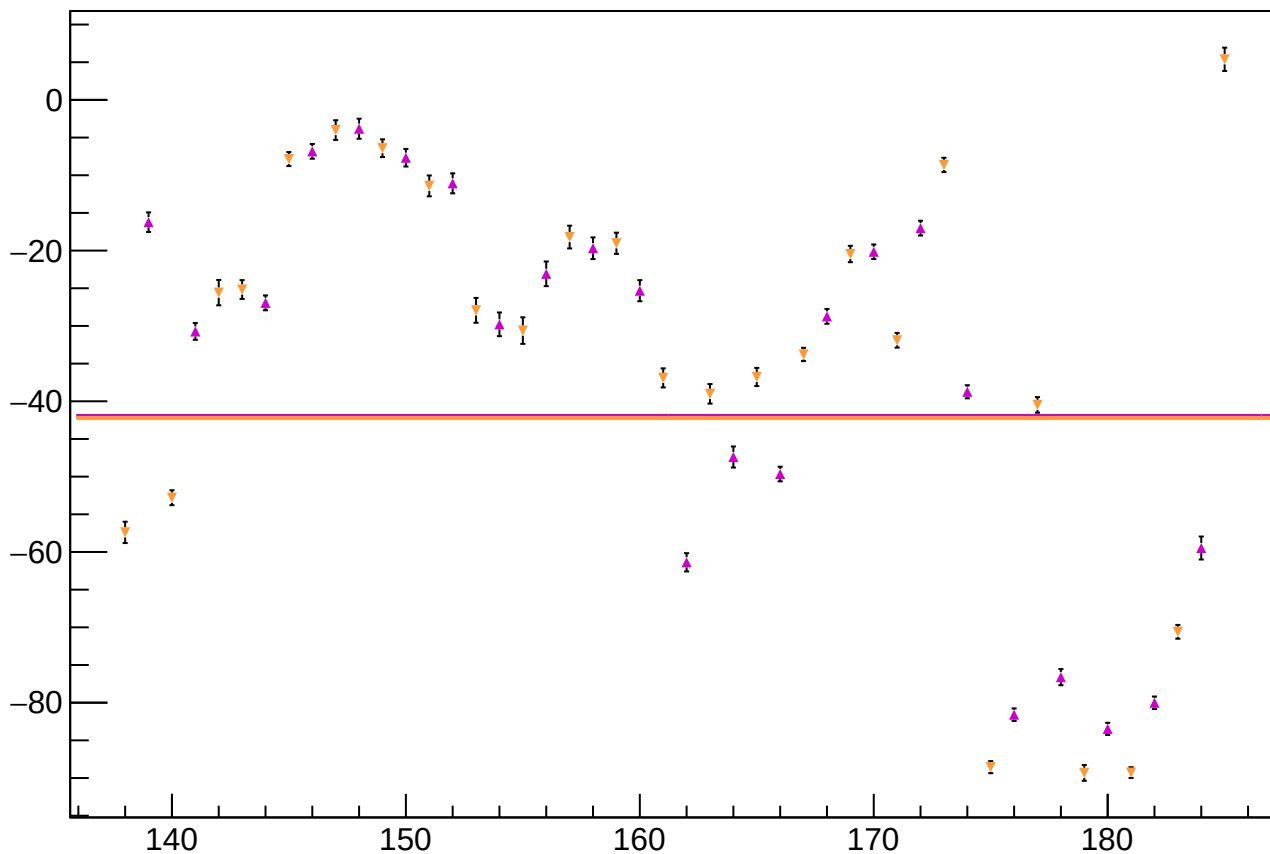
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.872 ± 0.012 χ^2/NDF : 1780.6/39

Out: 0.891 ± 0.012 χ^2/NDF : 2124.7/43

All: 0.882 ± 0.008 χ^2/NDF : 3906.6/83

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: -42.211+/-0.222 χ^2/NDF :18308.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Left: -42.085+/-0.158 χ^2/NDF : 33032.5/47

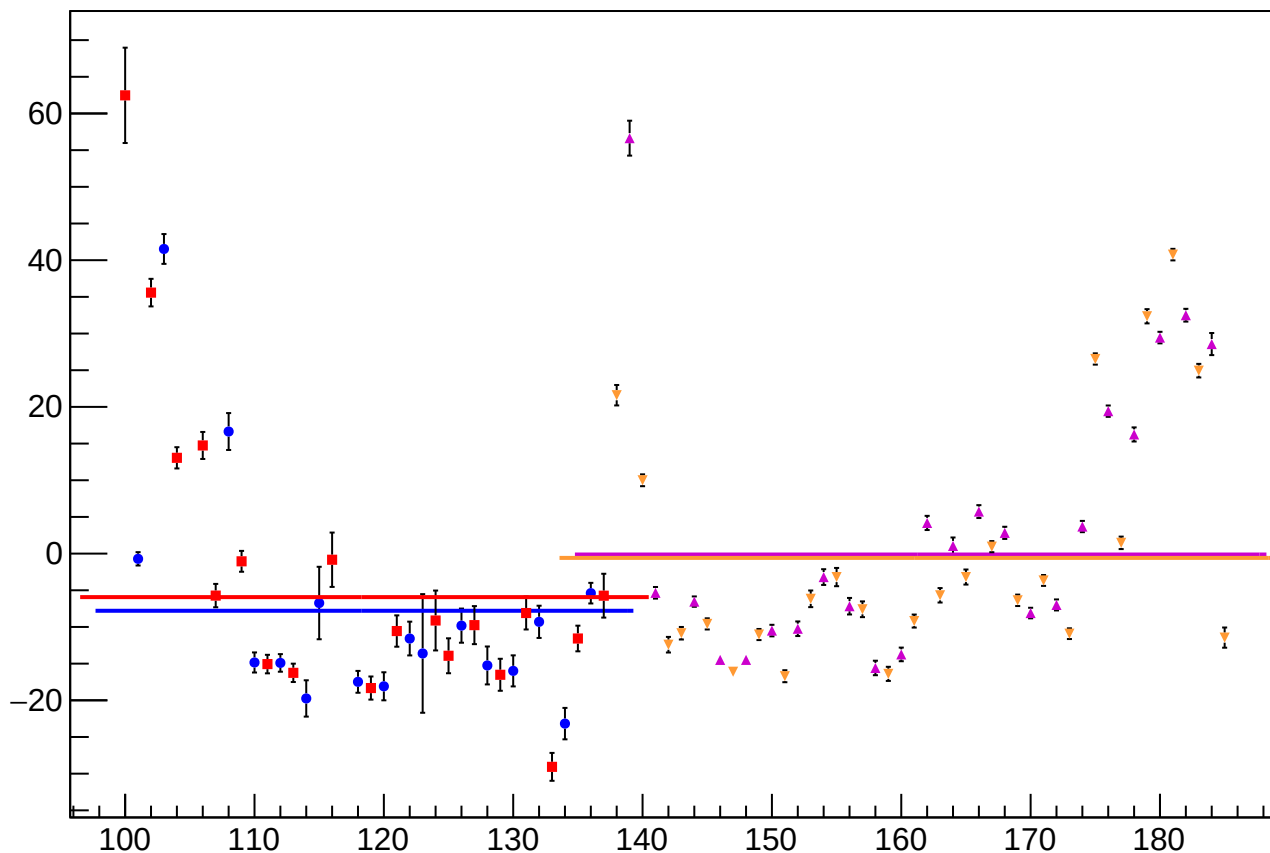
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.955+/-0.226 χ^2/NDF :14723.4/22

Out: -42.211+/-0.222 χ^2/NDF :18308.4/24

All: -42.085+/-0.158 χ^2/NDF : 33032.5/47

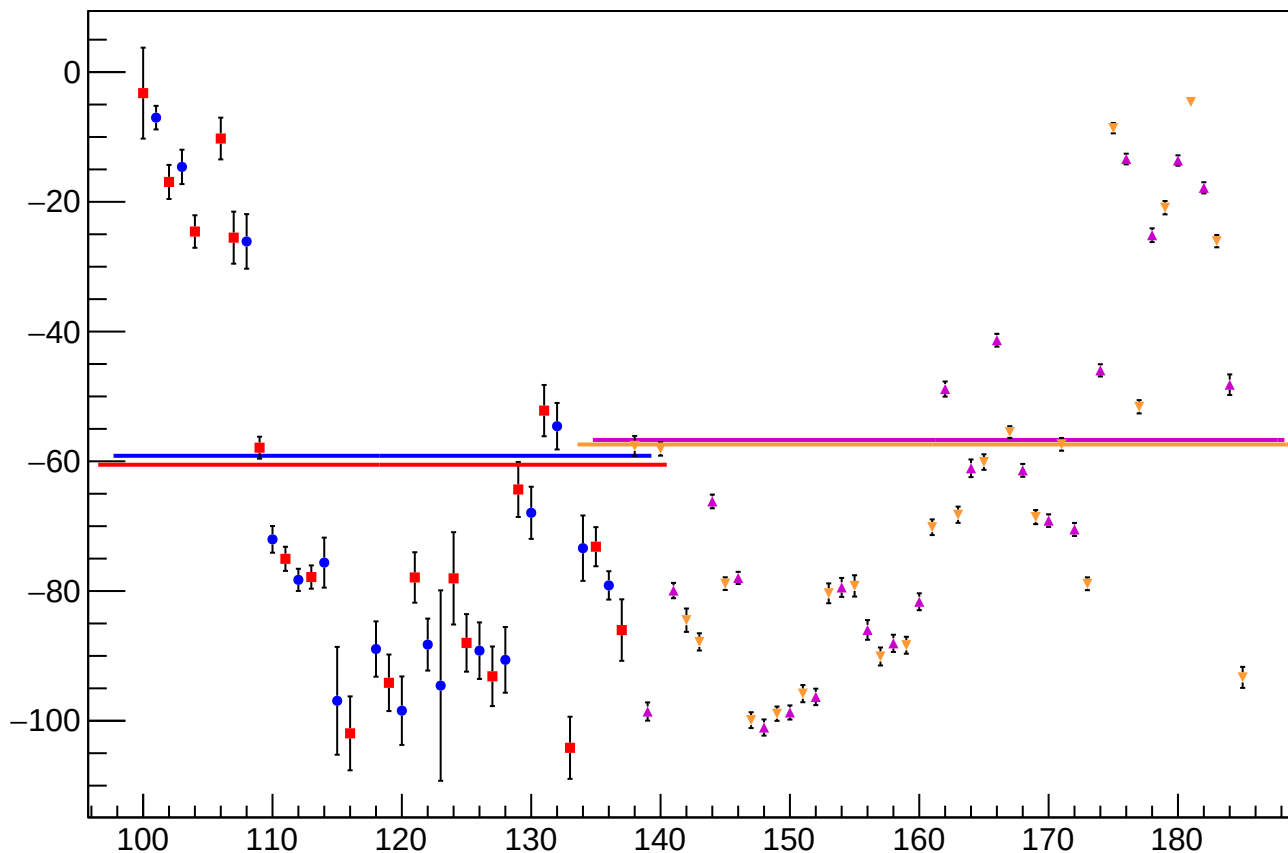
reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 $\chi^2/\text{NDF}: 982.7/16$
 Left Out: -0.586 ± 0.174 $\chi^2/\text{NDF}: 8751.2/24$
 Right Out: -5.932 ± 0.429 $\chi^2/\text{NDF}: 1294.2/18$
 Left In: -0.125 ± 0.179 $\chi^2/\text{NDF}: 6925.0/22$

Left: -0.361 ± 0.125 $\chi^2/\text{NDF}: 15679.7/47$
 Right: -6.865 ± 0.303 $\chi^2/\text{NDF}: 2286.4/35$
 In: -1.262 ± 0.165 $\chi^2/\text{NDF}: 8181.2/39$
 Out: -1.343 ± 0.161 $\chi^2/\text{NDF}: 10178.8/43$
 All: -1.303 ± 0.115 $\chi^2/\text{NDF}: 18360.2/83$

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -57.405 ± 0.223 χ^2/NDF : 18604.7/24

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -56.705 ± 0.226 χ^2/NDF : 16547.5/22

Left: -57.059 ± 0.159 χ^2/NDF : 35157.1/47

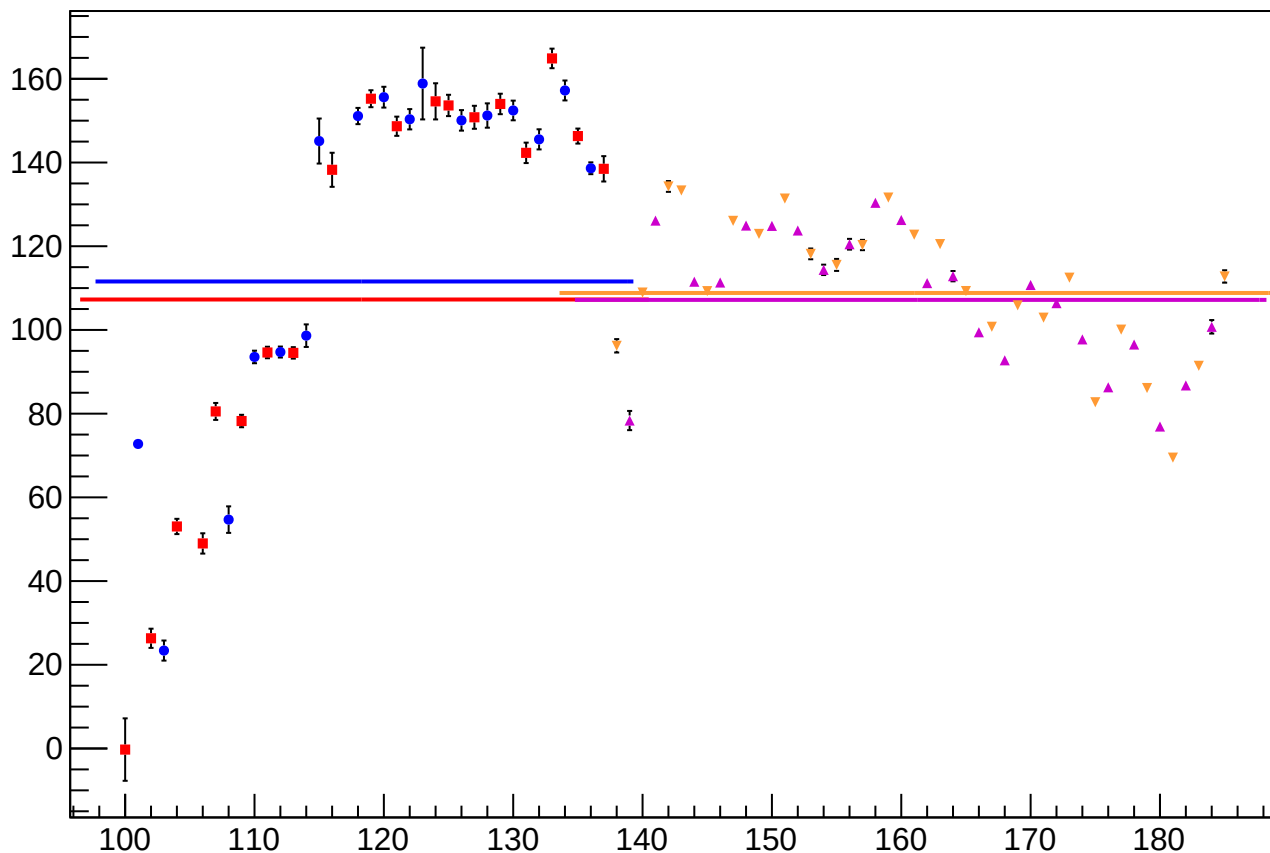
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -56.911 ± 0.216 χ^2/NDF : 18275.7/39

Out: -57.690 ± 0.213 χ^2/NDF : 20007.8/43

All: -57.307 ± 0.152 χ^2/NDF : 38290.1/83

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 108.836 $\pm$ 0.197 χ^2 /NDF: 7403.1/24

Right Out: 107.273 $\pm$ 0.488 χ^2 /NDF: 7044.9/18

Left In: 107.180 $\pm$ 0.202 χ^2 /NDF: 5592.3/22

Left: 108.026 $\pm$ 0.141 χ^2 /NDF: 13029.8/47

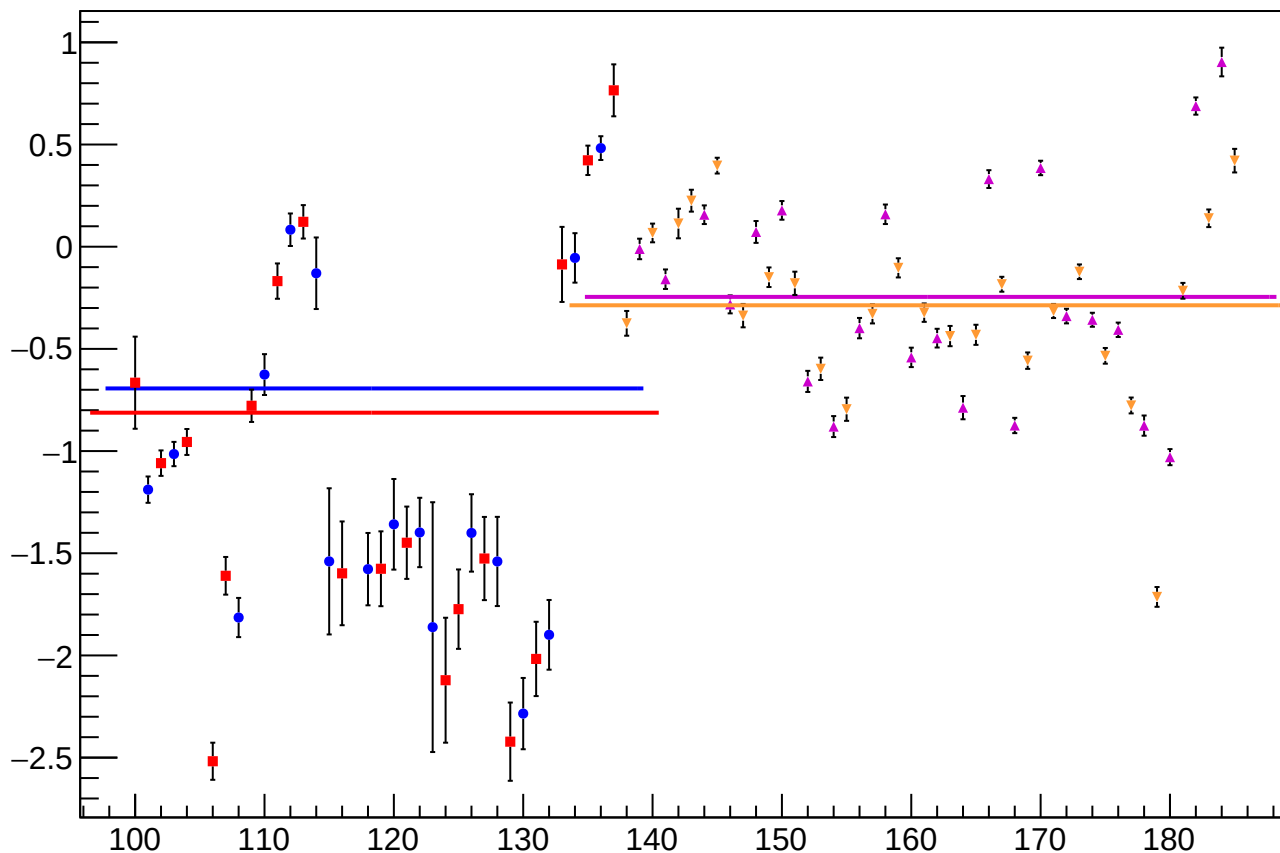
Right: 109.427 $\pm$ 0.345 χ^2 /NDF: 13029.8/35

In: 107.823 $\pm$ 0.186 χ^2 /NDF: 11607.8/39

Out: 108.616 $\pm$ 0.183 χ^2 /NDF: 14456.7/43

All: 108.227 $\pm$ 0.131 χ^2 /NDF: 26073.8/83

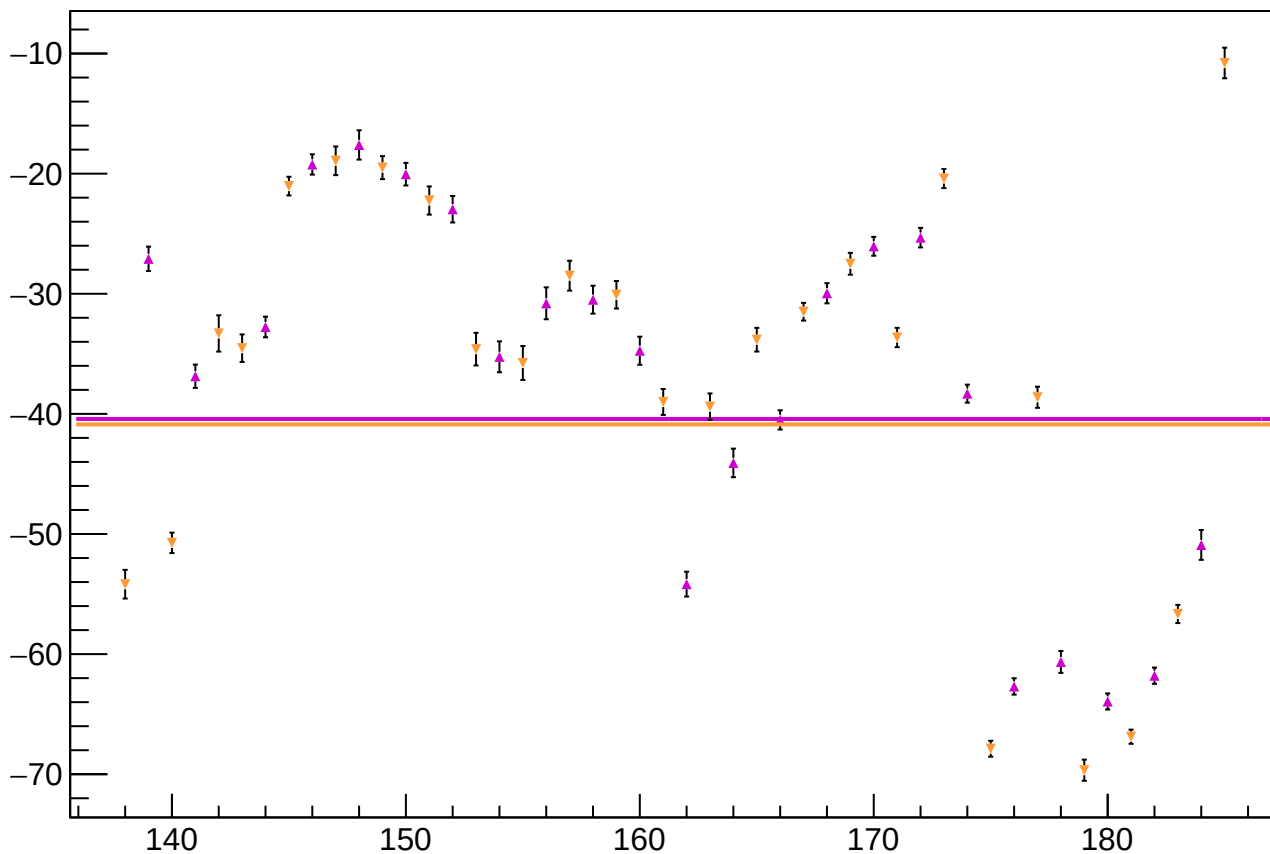
reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16
 Left Out: -0.287 ± 0.009 χ^2/NDF : 2053.1/24
 Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18
 Left In: -0.246 ± 0.009 χ^2/NDF : 2804.3/22

Left: -0.266 ± 0.006 χ^2/NDF : 4867.5/47
 Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35
 In: -0.296 ± 0.009 χ^2/NDF : 4062.2/39
 Out: -0.351 ± 0.009 χ^2/NDF : 3771.7/43
 All: -0.324 ± 0.006 χ^2/NDF : 7854.2/83

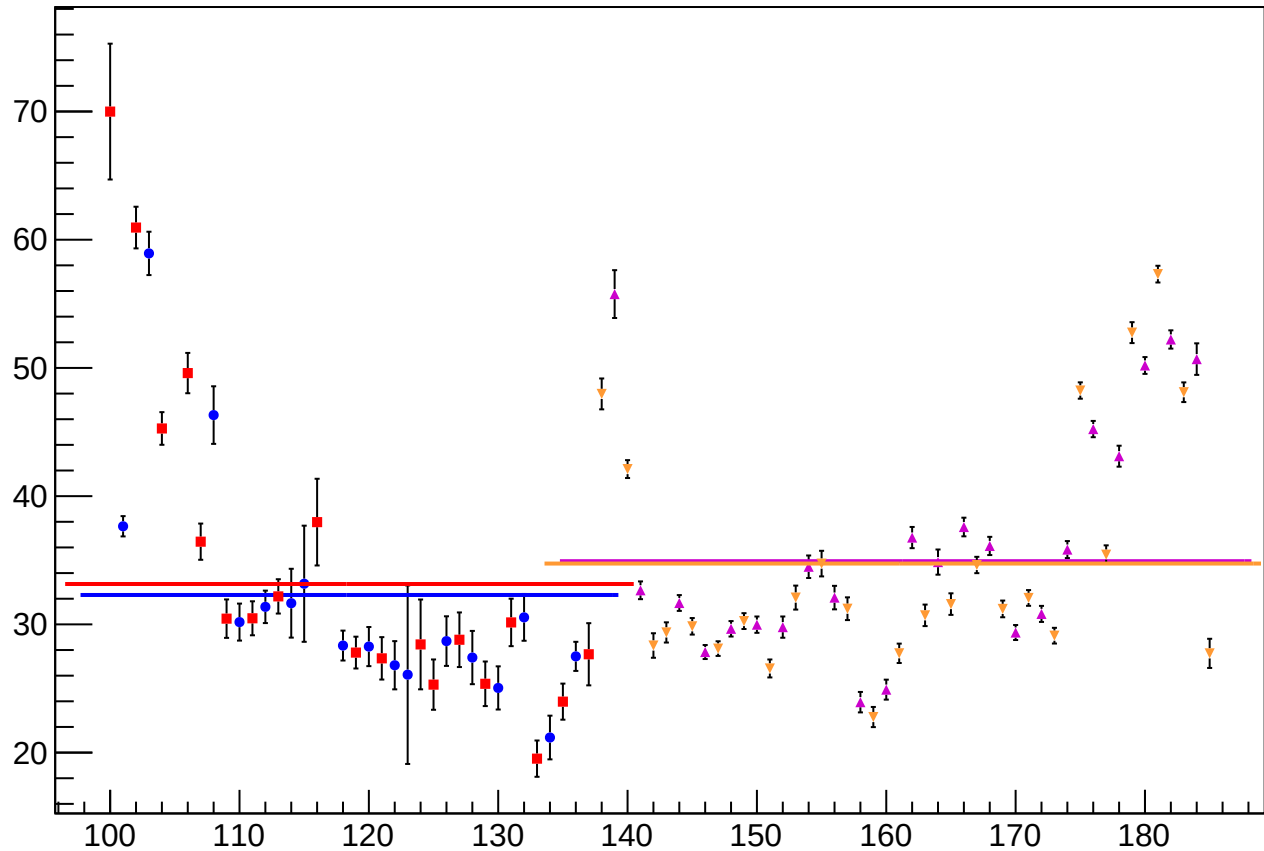
reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -40.873+/-0.186 χ^2/NDF : 9124.4/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.422+/-0.189 χ^2/NDF : 7030.2/22

Left: -40.651+/-0.133 χ^2/NDF : 16157.5/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.422+/-0.189 χ^2/NDF : 7030.2/22
 Out: -40.873+/-0.186 χ^2/NDF : 9124.4/24
 All: -40.651+/-0.133 χ^2/NDF : 16157.5/47

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293+/-0.373 χ^2/NDF : 452.5/16

Left Out: 34.743+/-0.147 χ^2/NDF : 3693.1/24

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 34.928+/-0.151 χ^2/NDF : 2688.4/22

Left: 34.833+/-0.106 χ^2/NDF : 6382.3/47

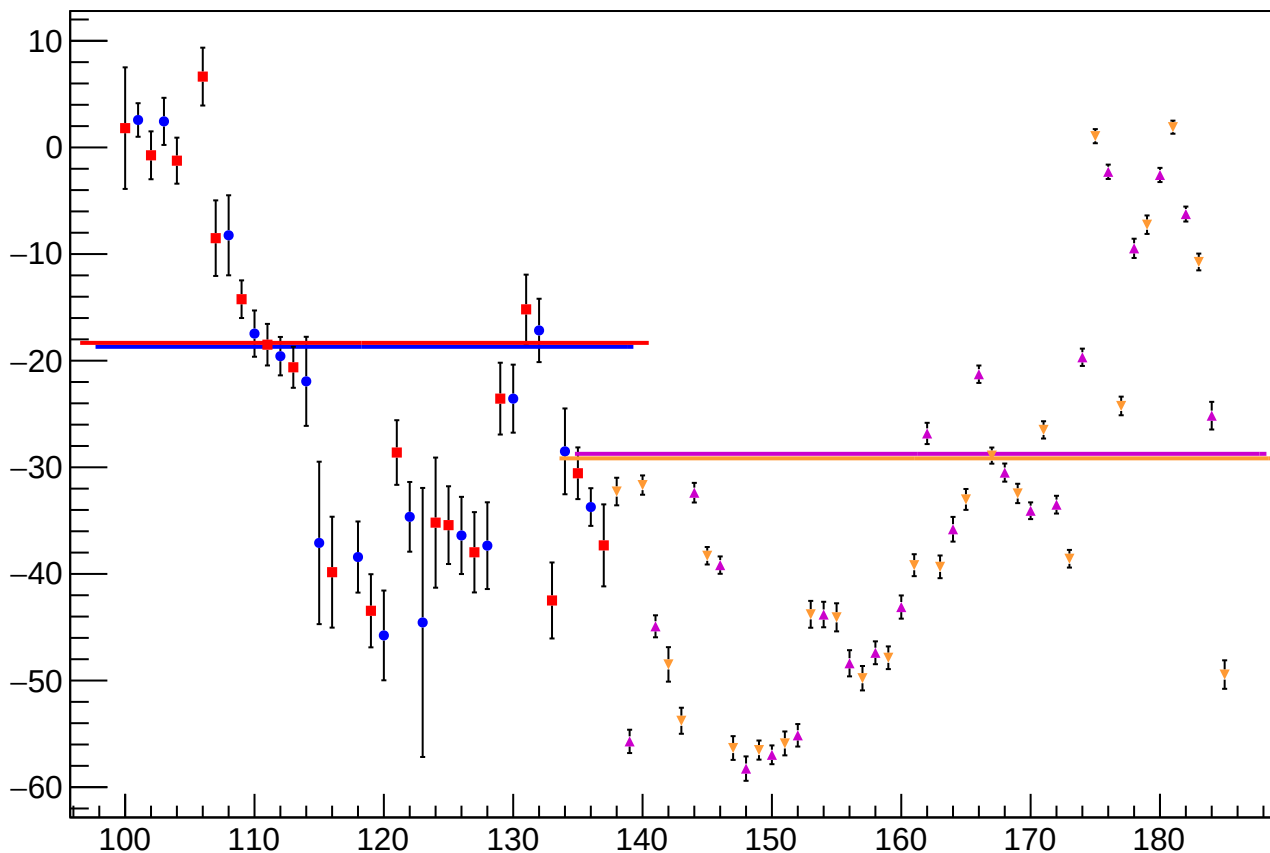
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 34.557+/-0.140 χ^2/NDF : 3183.8/39

Out: 34.534+/-0.137 χ^2/NDF : 4481.1/43

All: 34.545+/-0.098 χ^2/NDF : 7664.9/83

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -29.160 ± 0.187 $\chi^2/\text{NDF}: 10126.1/24$

Right Out: -18.330 ± 0.643 $\chi^2/\text{NDF}: 474.0/18$

Left In: -28.735 ± 0.189 $\chi^2/\text{NDF}: 9155.5/22$

Left: -28.950 ± 0.133 $\chi^2/\text{NDF}: 19284.1/47$

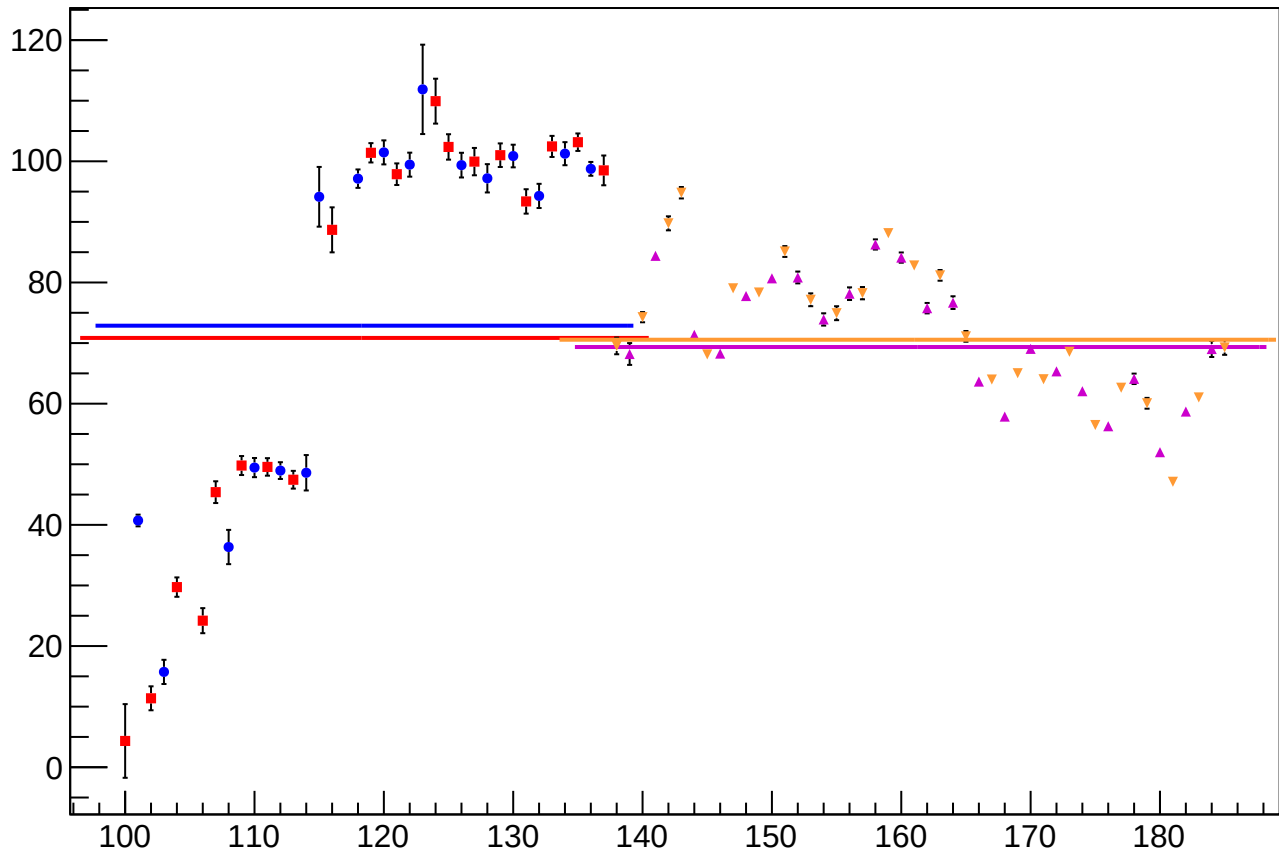
Right: -18.508 ± 0.463 $\chi^2/\text{NDF}: 993.2/35$

In: -27.989 ± 0.182 $\chi^2/\text{NDF}: 9884.5/39$

Out: -28.317 ± 0.180 $\chi^2/\text{NDF}: 10861.3/43$

All: -28.155 ± 0.128 $\chi^2/\text{NDF}: 20747.4/83$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 70.554 $\pm$ 0.166 χ^2 /NDF: 4592.0/24

Right Out: 70.851 $\pm$ 0.433 χ^2 /NDF: 5495.4/18

Left In: 69.350 $\pm$ 0.170 χ^2 /NDF: 3330.7/22

Left: 69.965 $\pm$ 0.119 χ^2 /NDF: 7948.4/47

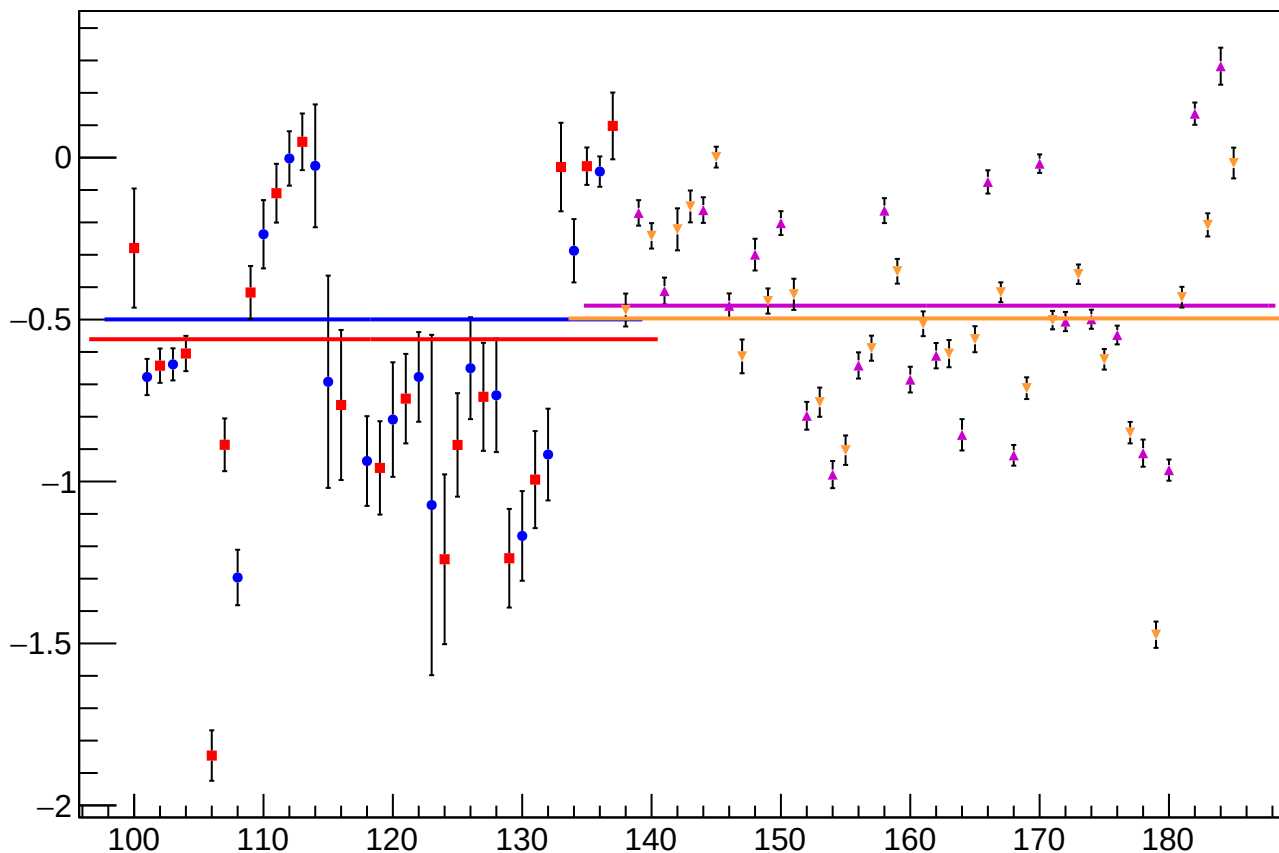
Right: 71.876 $\pm$ 0.304 χ^2 /NDF: 10233.6/35

In: 69.831 $\pm$ 0.158 χ^2 /NDF: 8116.6/39

Out: 70.592 $\pm$ 0.155 χ^2 /NDF: 10087.8/43

All: 70.218 $\pm$ 0.111 χ^2 /NDF: 18216.3/83

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: -0.497+/-0.008 χ^2/NDF :1449.4/24

Right Out: -0.561+/-0.021 χ^2/NDF : 561.8/18

Left In: -0.457+/-0.008 χ^2/NDF :1975.2/22

Left: -0.477+/-0.005 χ^2/NDF : 3438.0/47

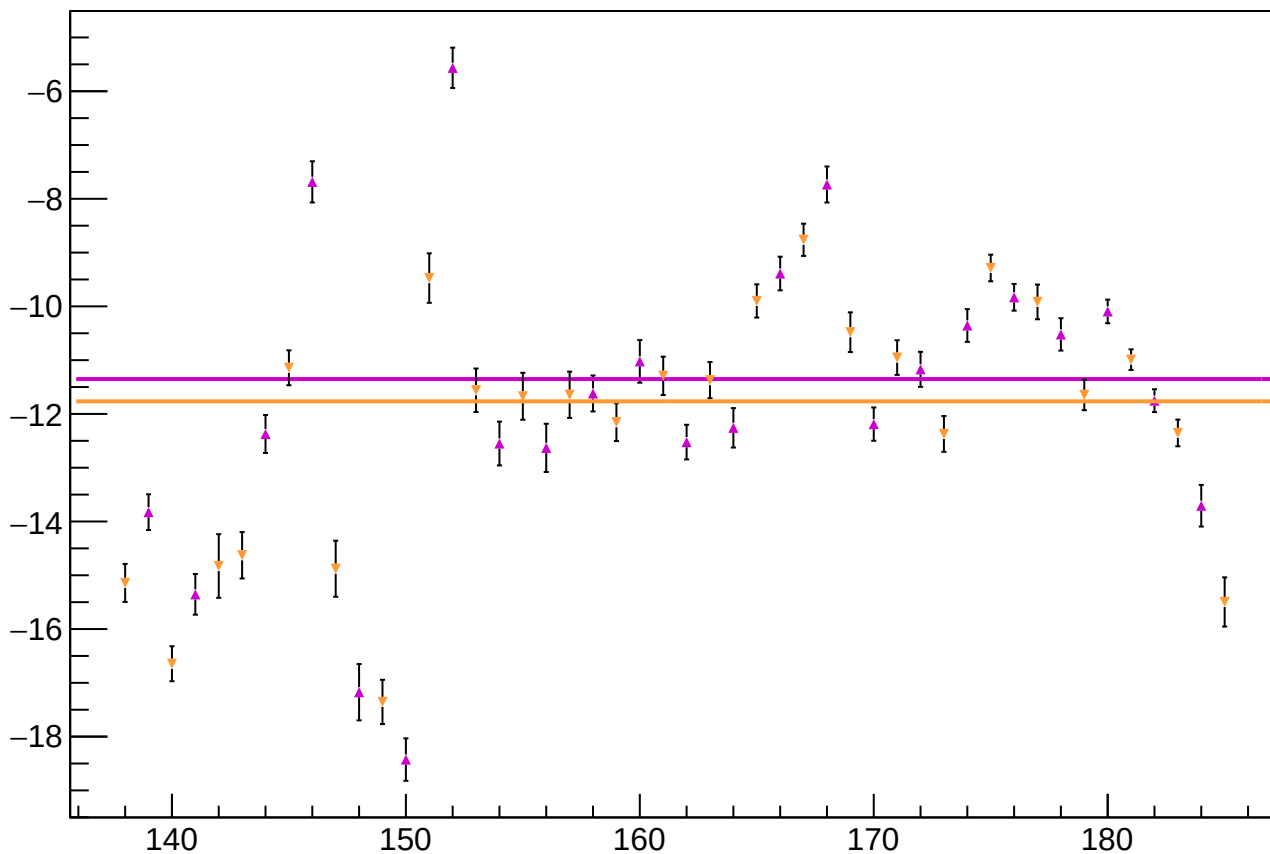
Right: -0.531+/-0.015 χ^2/NDF : 868.3/35

In: -0.462+/-0.007 χ^2/NDF :2281.1/39

Out: -0.504+/-0.007 χ^2/NDF :2019.1/43

All: -0.483+/-0.005 χ^2/NDF : 4317.3/83

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.766+/-0.067 χ^2/NDF :1020.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.352+/-0.068 χ^2/NDF :1280.6/22

Left: -11.562+/-0.047 χ^2/NDF : 2320.5/47

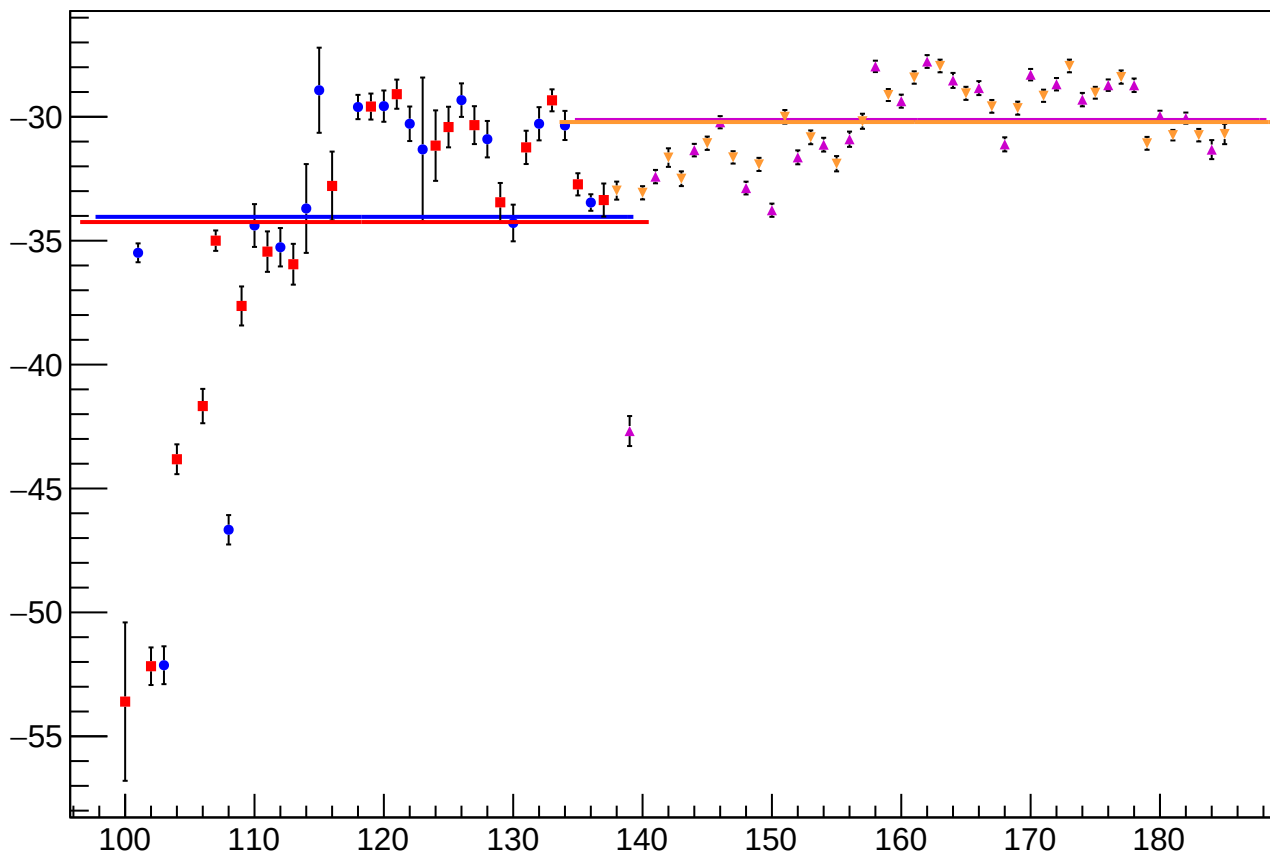
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.352+/-0.068 χ^2/NDF :1280.6/22

Out: -11.766+/-0.067 χ^2/NDF :1020.8/24

All: -11.562+/-0.047 χ^2/NDF : 2320.5/47

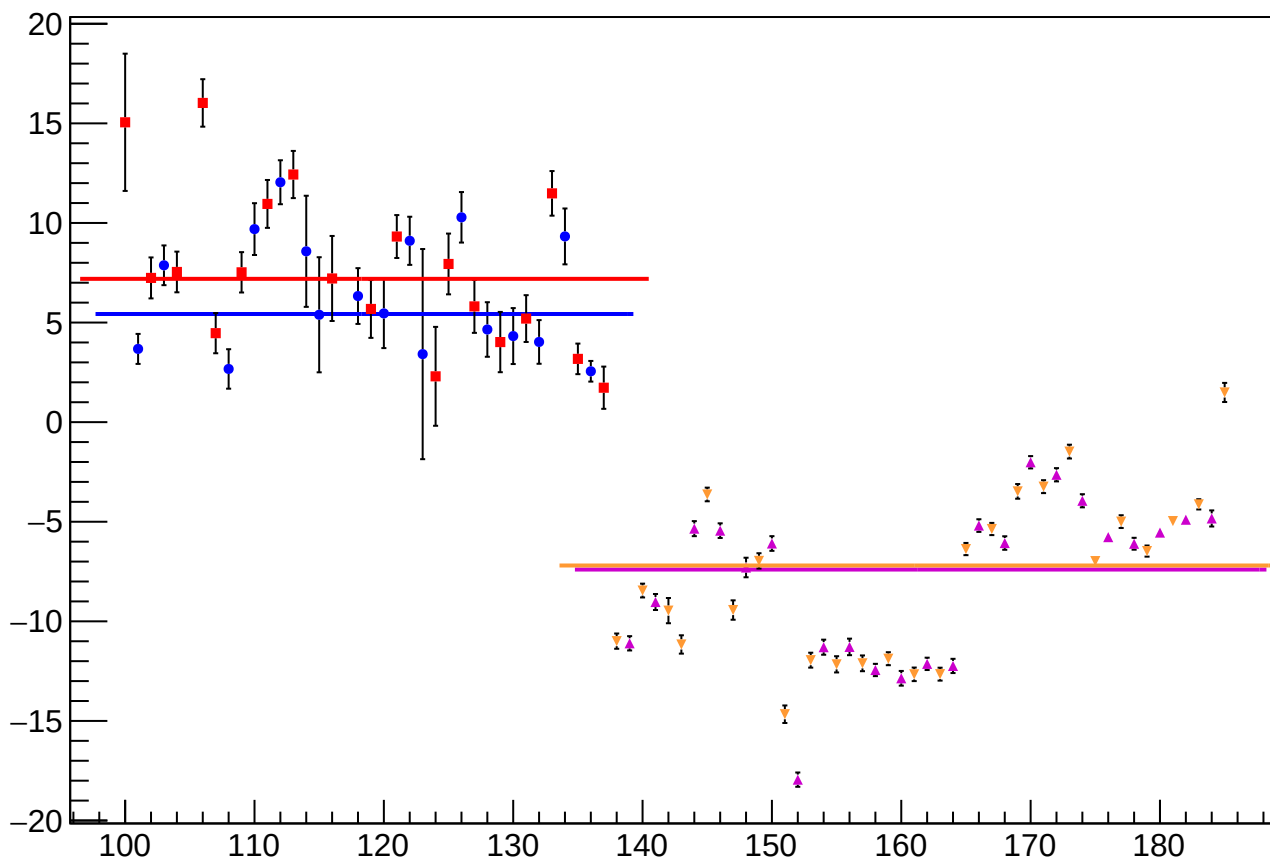
reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$
 Left Out: -30.212 ± 0.054 $\chi^2/\text{NDF}: 734.0/24$
 Right Out: -34.248 ± 0.151 $\chi^2/\text{NDF}: 1357.5/18$
 Left In: -30.128 ± 0.055 $\chi^2/\text{NDF}: 1290.4/22$

Left: -30.171 ± 0.039 $\chi^2/\text{NDF}: 2025.6/47$
 Right: -34.143 ± 0.107 $\chi^2/\text{NDF}: 2701.4/35$
 In: -30.592 ± 0.052 $\chi^2/\text{NDF}: 3225.3/39$
 Out: -30.669 ± 0.051 $\chi^2/\text{NDF}: 2727.9/43$
 All: -30.632 ± 0.036 $\chi^2/\text{NDF}: 5954.3/83$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -7.197 ± 0.067 χ^2/NDF : 3038.4/24

Right Out: 7.195 ± 0.274 χ^2/NDF : 183.1/18

Left In: -7.400 ± 0.068 χ^2/NDF : 3134.9/22

Left: -7.297 ± 0.048 χ^2/NDF : 6177.9/47

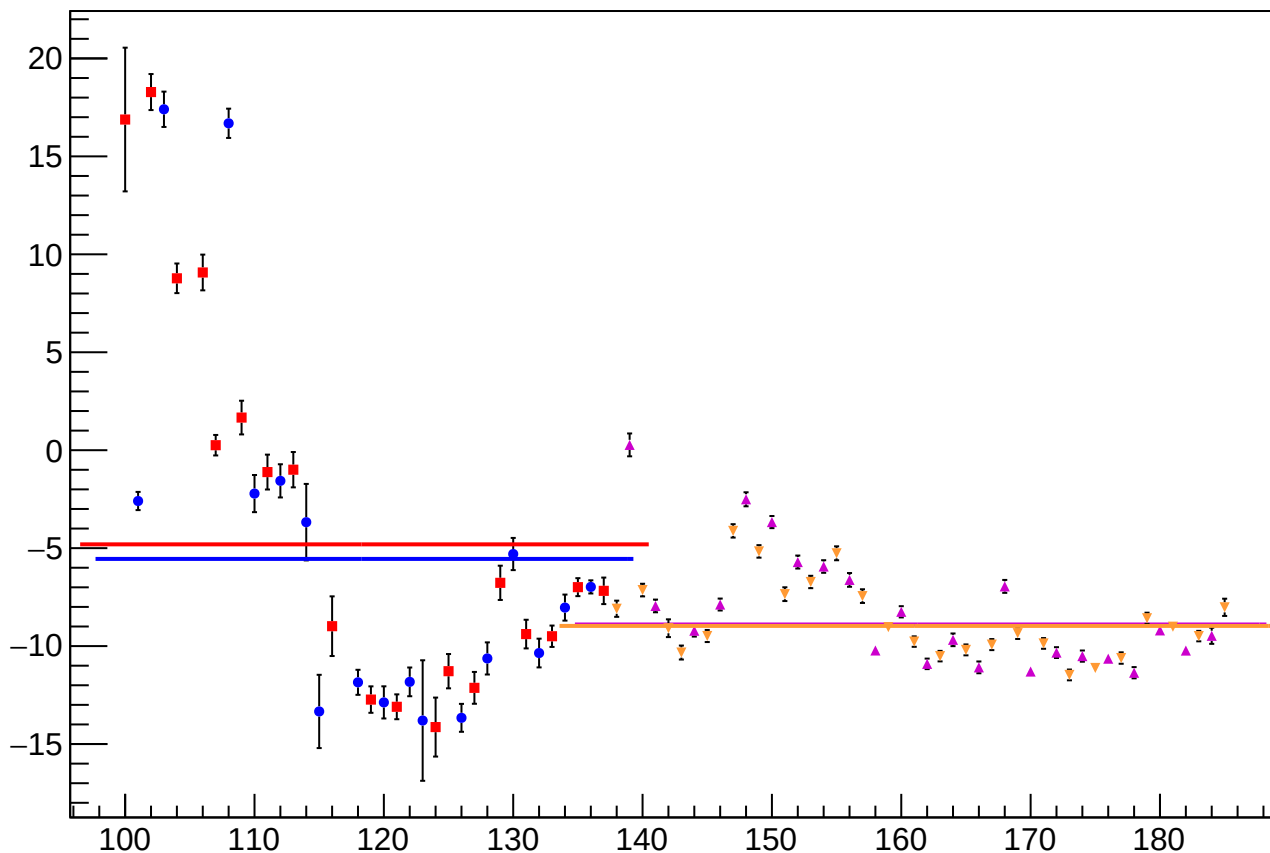
Right: 6.298 ± 0.192 χ^2/NDF : 336.8/35

In: -6.643 ± 0.066 χ^2/NDF : 5393.8/39

Out: -6.389 ± 0.065 χ^2/NDF : 5824.1/43

All: -6.515 ± 0.046 χ^2/NDF : 11225.5/83

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -8.970 ± 0.060 χ^2/NDF : 878.7/24

Right Out: -4.806 ± 0.173 χ^2/NDF : 2048.2/18

Left In: -8.898 ± 0.061 χ^2/NDF : 1584.0/22

Left: -8.934 ± 0.043 χ^2/NDF : 2463.4/47

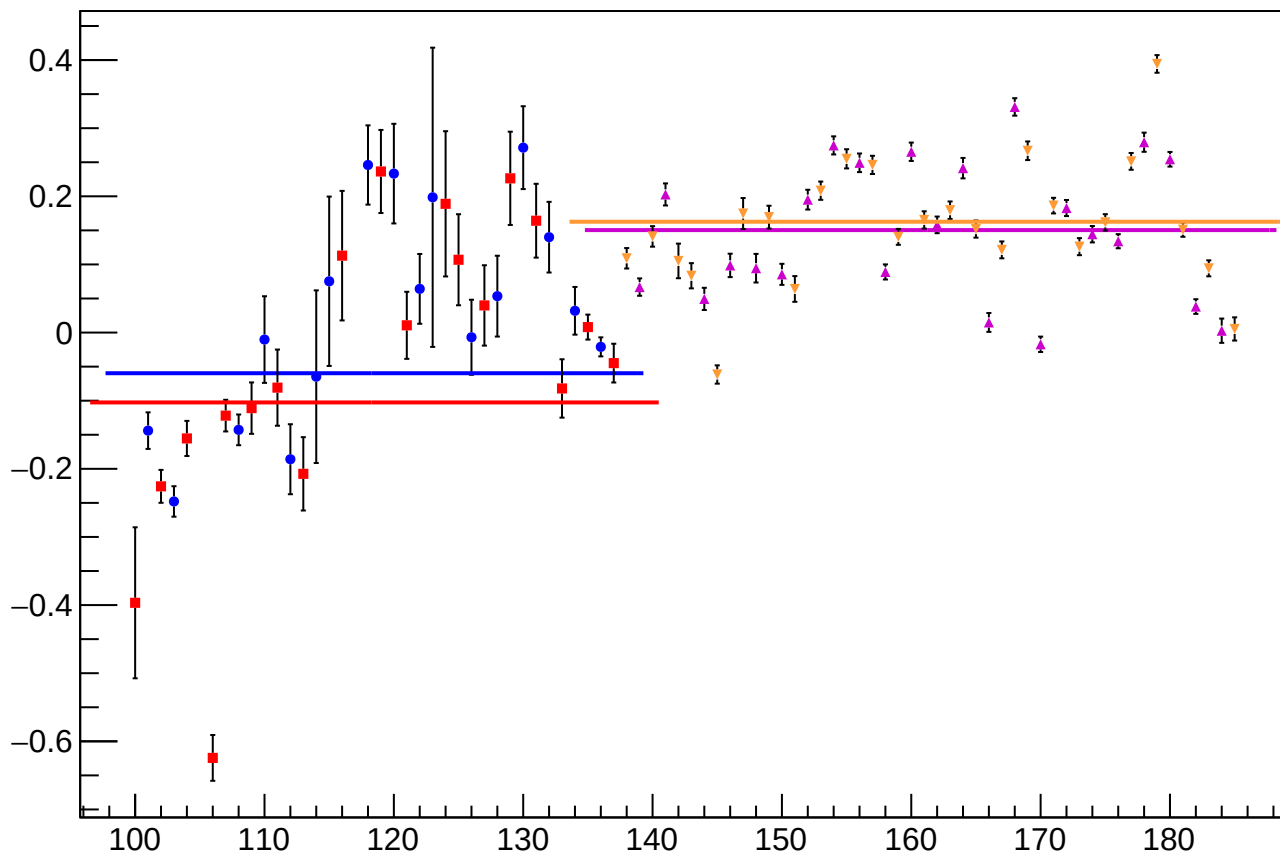
Right: -5.183 ± 0.121 χ^2/NDF : 4184.2/35

In: -8.511 ± 0.058 χ^2/NDF : 4053.1/39

Out: -8.519 ± 0.057 χ^2/NDF : 3445.5/43

All: -8.515 ± 0.041 χ^2/NDF : 7498.7/83

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: 0.163 ± 0.003 χ^2/NDF : 1018.1/24

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.150 ± 0.003 χ^2/NDF : 1296.5/22

Left: 0.157 ± 0.002 χ^2/NDF : 2324.6/47

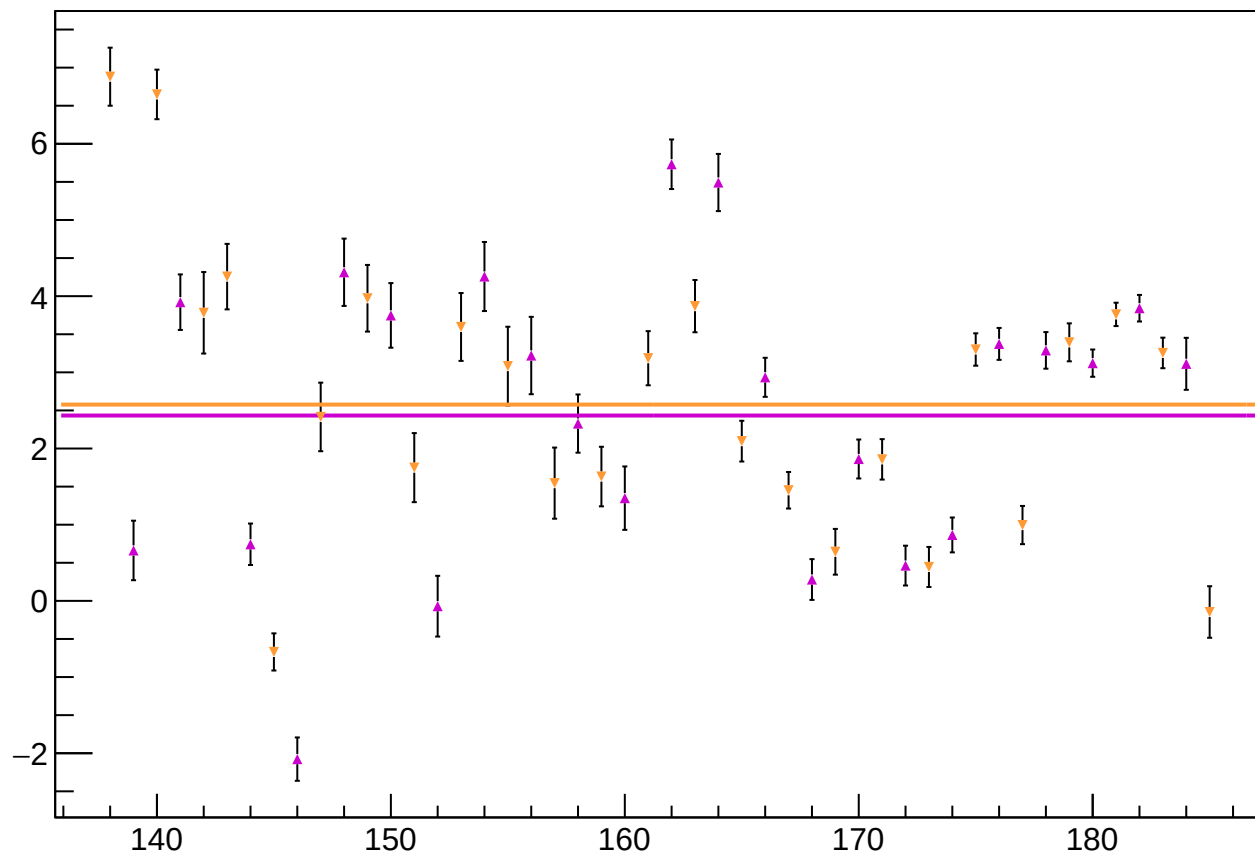
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.130 ± 0.003 χ^2/NDF : 2078.6/39

Out: 0.138 ± 0.003 χ^2/NDF : 2352.0/43

All: 0.134 ± 0.002 χ^2/NDF : 4434.8/83

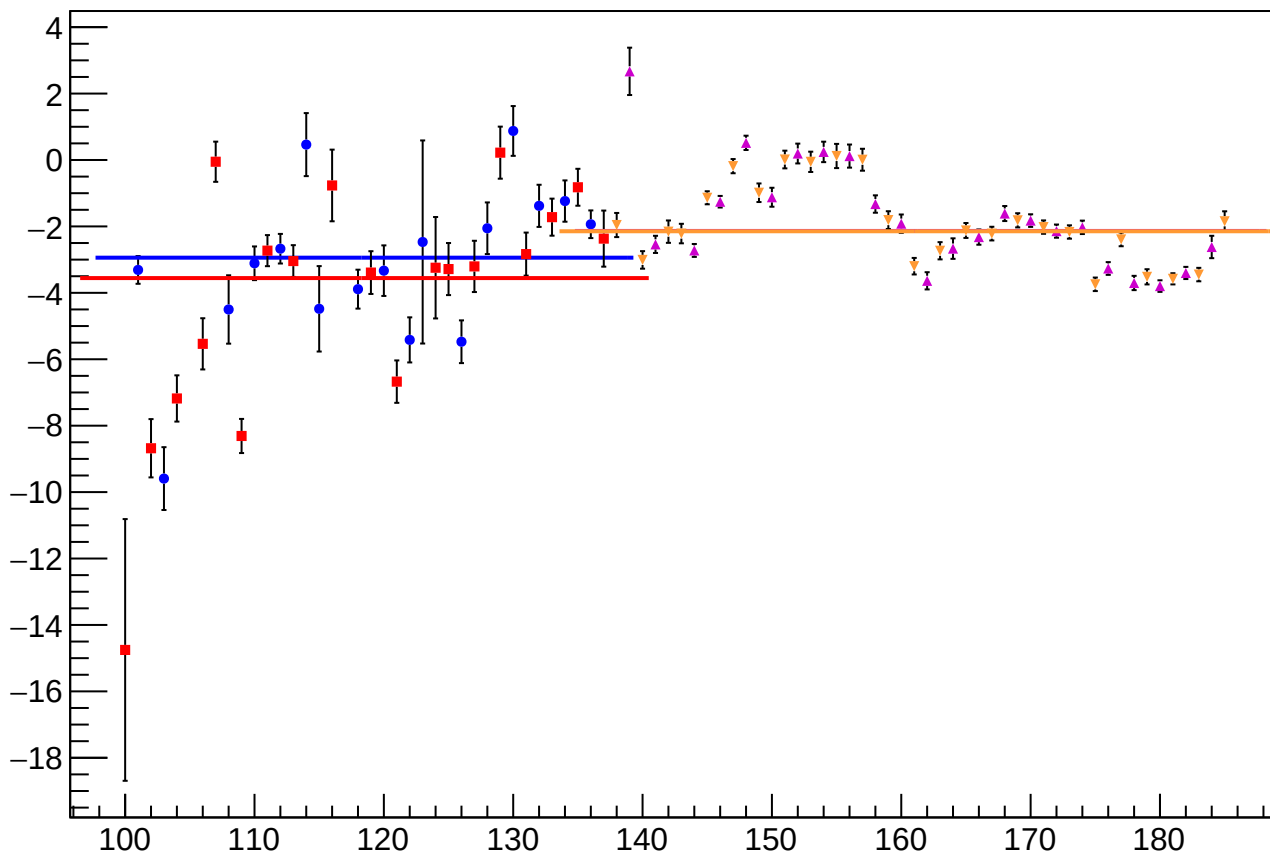
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.577 ± 0.058 χ^2/NDF : 867.1/24
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 2.433 ± 0.059 χ^2/NDF : 882.9/22

Left: 2.506 ± 0.042 χ^2/NDF : 1753.0/47
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 2.433 ± 0.059 χ^2/NDF : 882.9/22
 Out: 2.577 ± 0.058 χ^2/NDF : 867.1/24
 All: 2.506 ± 0.042 χ^2/NDF : 1753.0/47

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -2.146 ± 0.048 χ^2/NDF : 573.4/24

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.137 ± 0.048 χ^2/NDF : 693.6/22

Left: -2.141 ± 0.034 χ^2/NDF : 1267.0/47

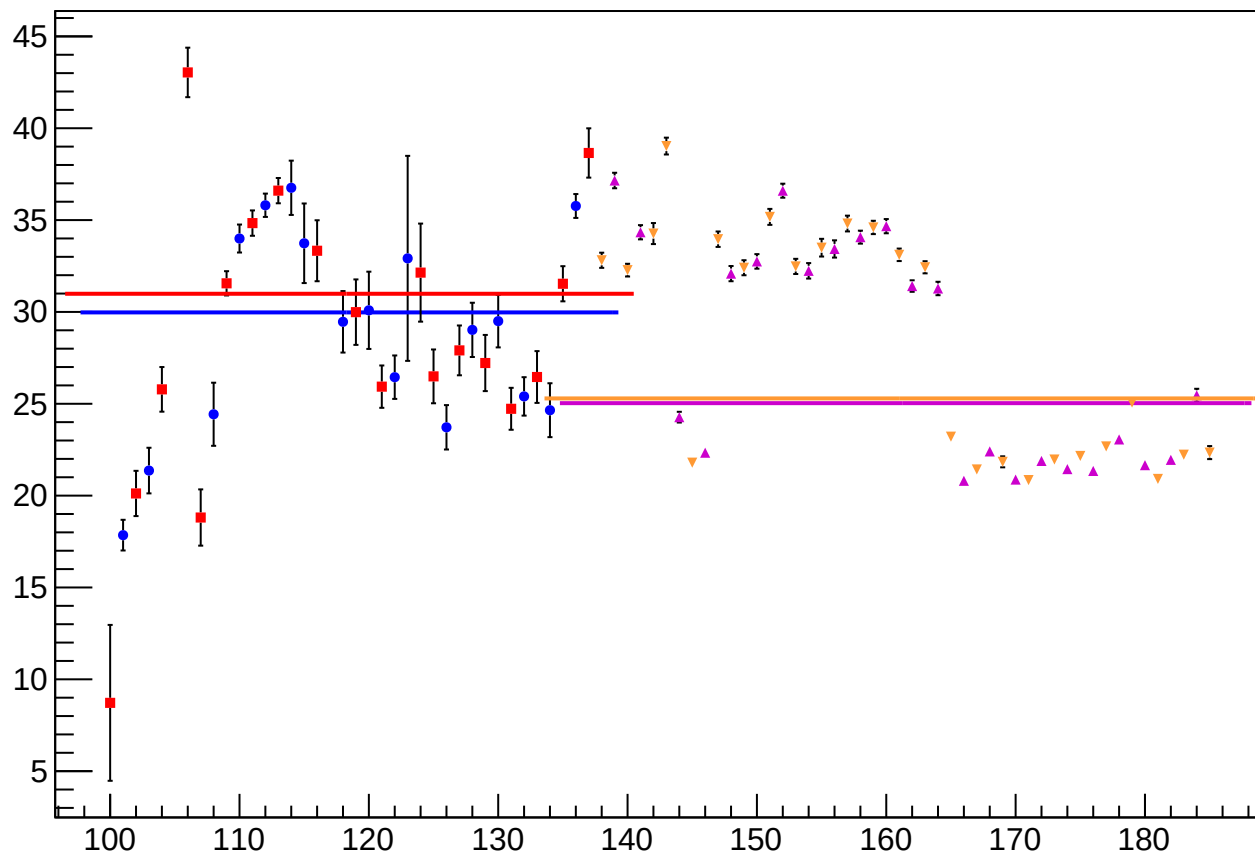
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.208 ± 0.046 χ^2/NDF : 863.9/39

Out: -2.268 ± 0.045 χ^2/NDF : 941.0/43

All: -2.239 ± 0.032 χ^2/NDF : 1805.8/83

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.292 $\pm$ 0.059 χ^2 /NDF: 8278.2/24

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.034 $\pm$ 0.059 χ^2 /NDF: 7690.0/22

Left: 25.164 $\pm$ 0.042 χ^2 /NDF: 15977.7/47

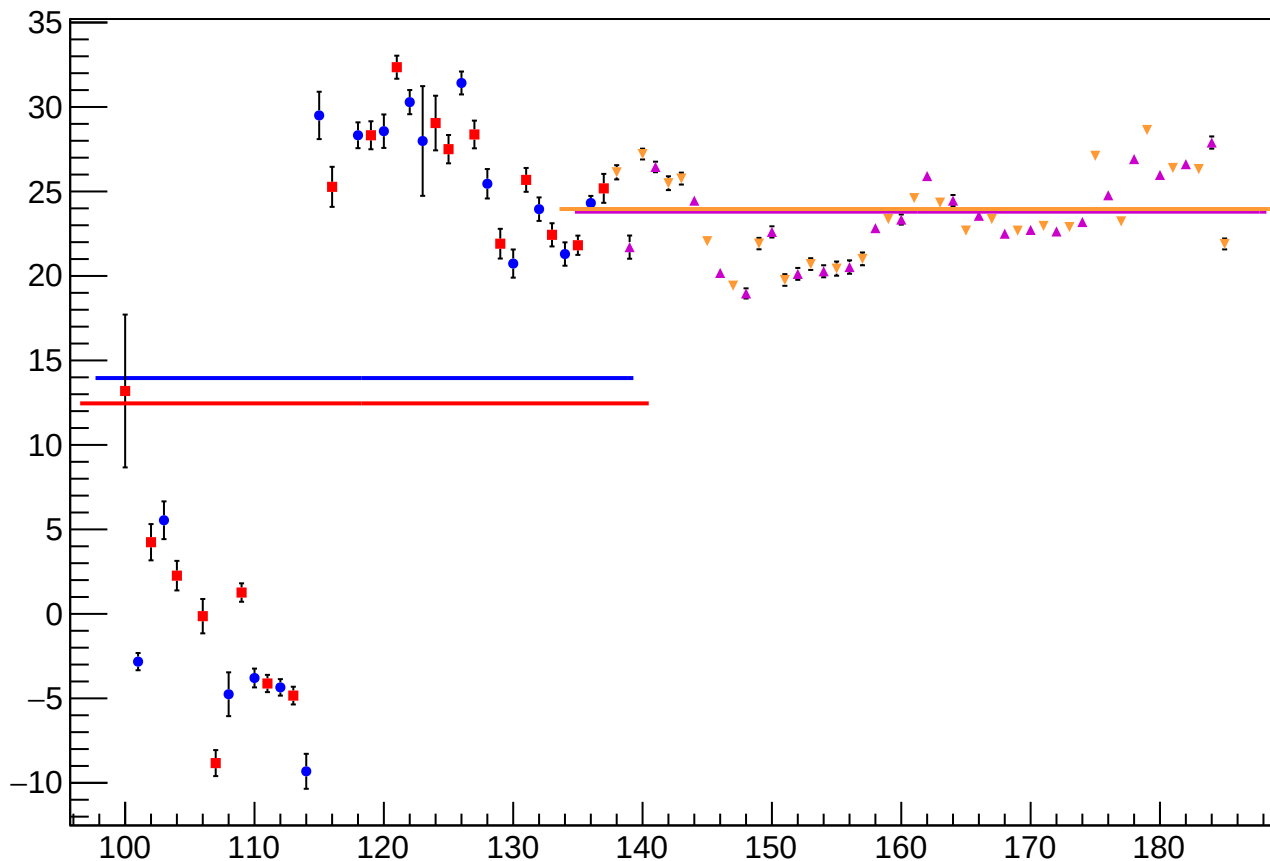
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.266 $\pm$ 0.058 χ^2 /NDF: 8569.6/39

Out: 25.569 $\pm$ 0.057 χ^2 /NDF: 9216.1/43

All: 25.419 $\pm$ 0.041 χ^2 /NDF: 17799.5/83

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.961 $\pm$ 0.053 χ^2 /NDF:1922.5/24

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.804 $\pm$ 0.054 χ^2 /NDF:1760.4/22

Left: 23.884 $\pm$ 0.038 χ^2 /NDF: 3687.2/47

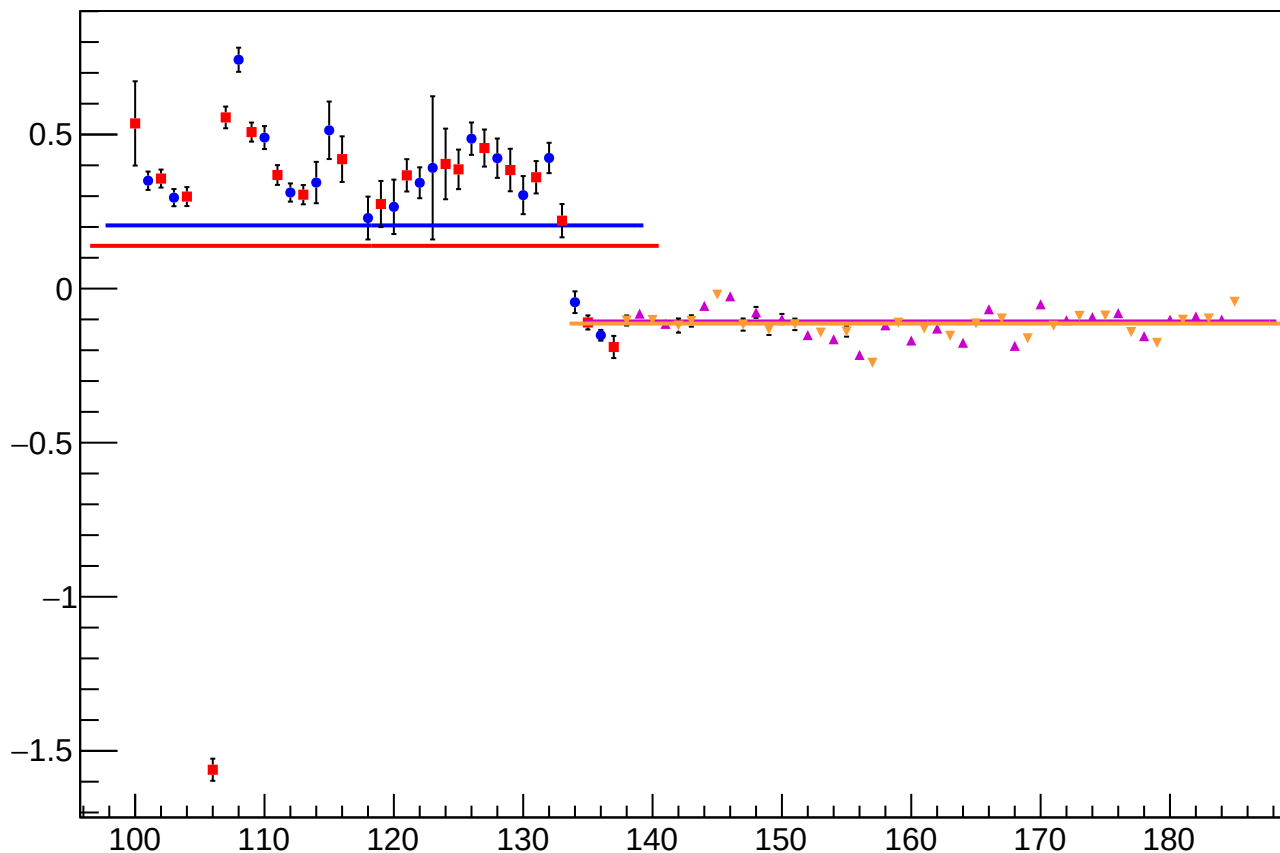
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.927 $\pm$ 0.051 χ^2 /NDF:12084.2/39

Out: 22.976 $\pm$ 0.051 χ^2 /NDF:12916.7/43

All: 22.952 $\pm$ 0.036 χ^2 /NDF: 25001.4/83

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: -0.113 ± 0.002 $\chi^2/\text{NDF}: 291.0/24$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.107 ± 0.002 $\chi^2/\text{NDF}: 322.0/22$

Left: -0.110 ± 0.002 $\chi^2/\text{NDF}: 616.9/47$

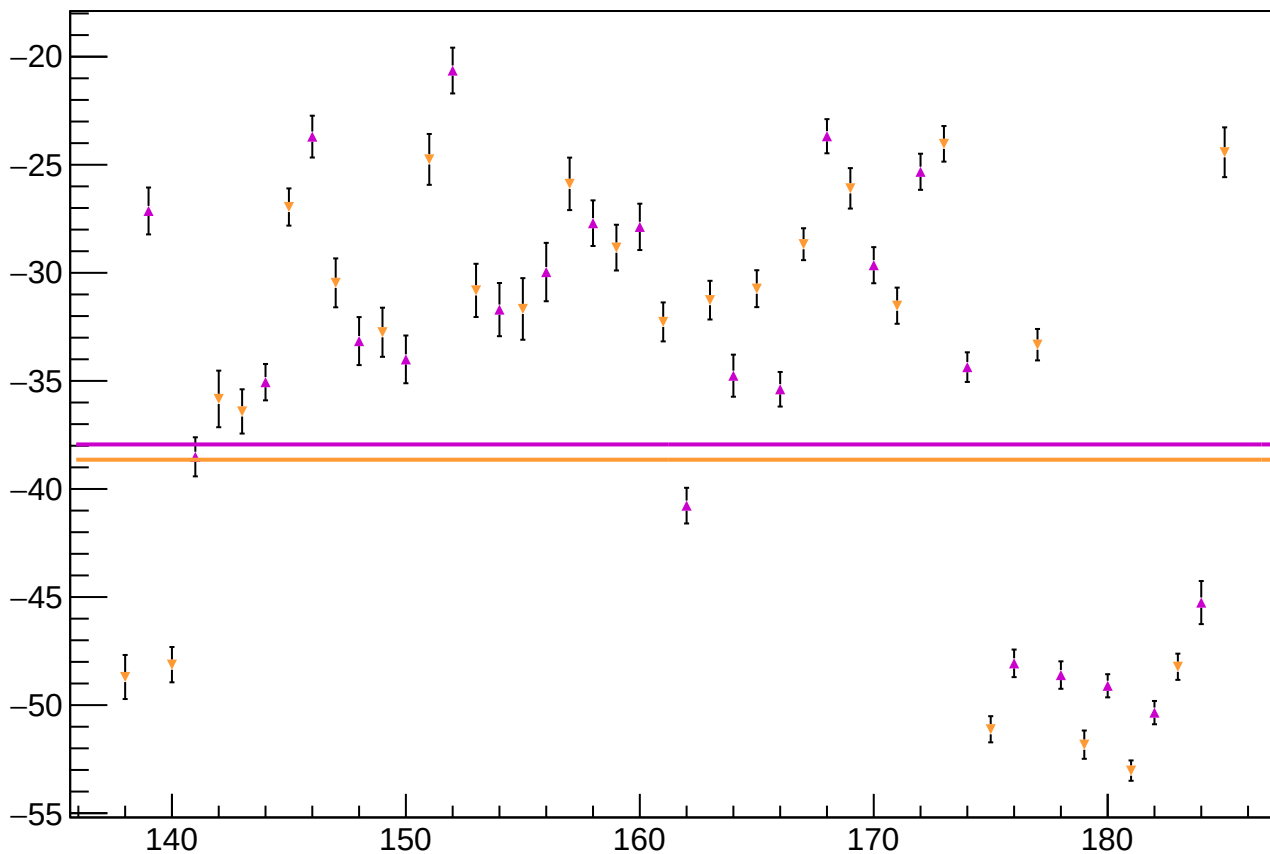
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.087 ± 0.002 $\chi^2/\text{NDF}: 2203.9/39$

Out: -0.097 ± 0.002 $\chi^2/\text{NDF}: 4010.9/43$

All: -0.092 ± 0.002 $\chi^2/\text{NDF}: 6224.6/83$

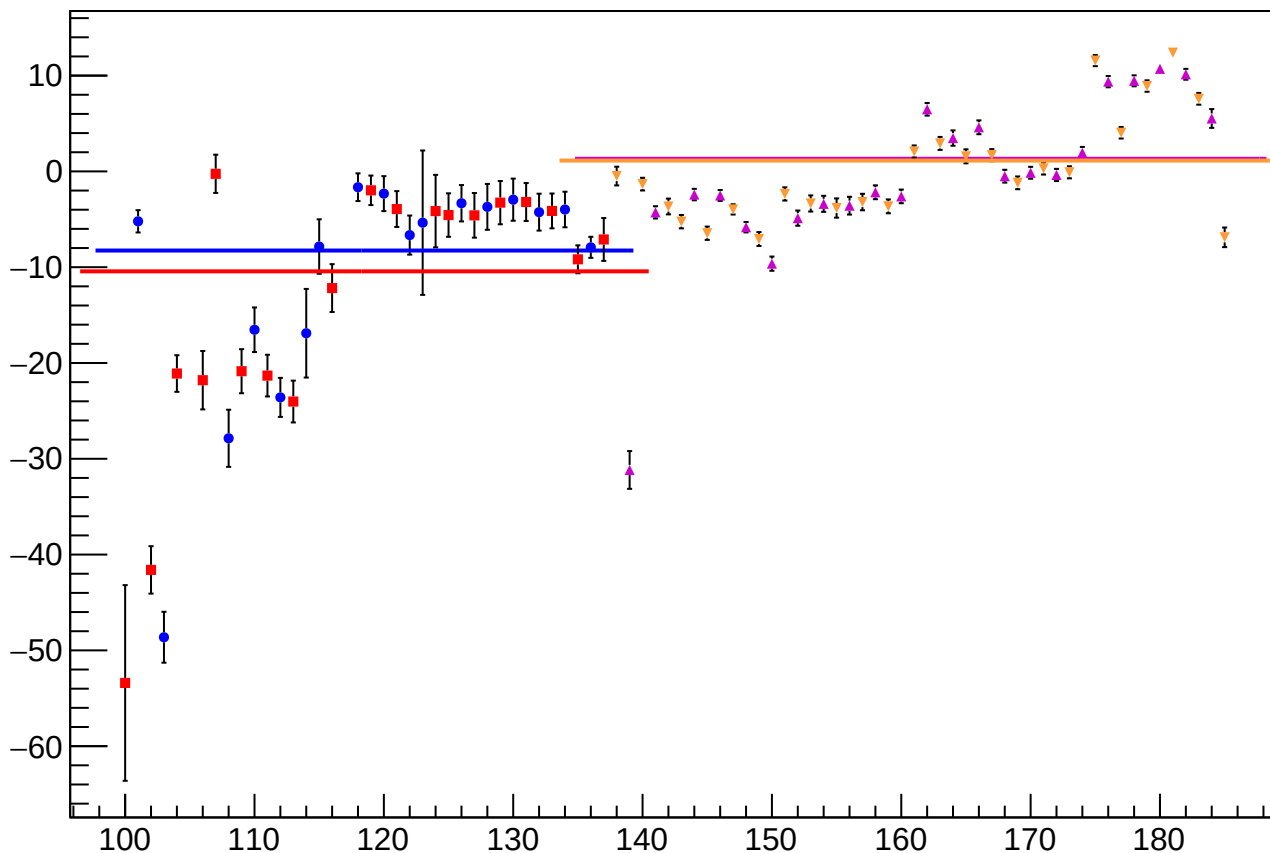
reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -38.646+/-0.169 χ^2/NDF : 4077.3/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -37.939+/-0.173 χ^2/NDF : 3133.2/22

Left: -38.300+/-0.121 χ^2/NDF : 7219.1/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -37.939+/-0.173 χ^2/NDF : 3133.2/22
 Out: -38.646+/-0.169 χ^2/NDF : 4077.3/24
 All: -38.300+/-0.121 χ^2/NDF : 7219.1/47

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: 1.131 ± 0.136 $\chi^2/\text{NDF}: 1799.4/24$

Right Out: -10.433 ± 0.491 $\chi^2/\text{NDF}: 428.7/18$

Left In: 1.319 ± 0.139 $\chi^2/\text{NDF}: 2080.7/22$

Left: 1.223 ± 0.097 $\chi^2/\text{NDF}: 3881.0/47$

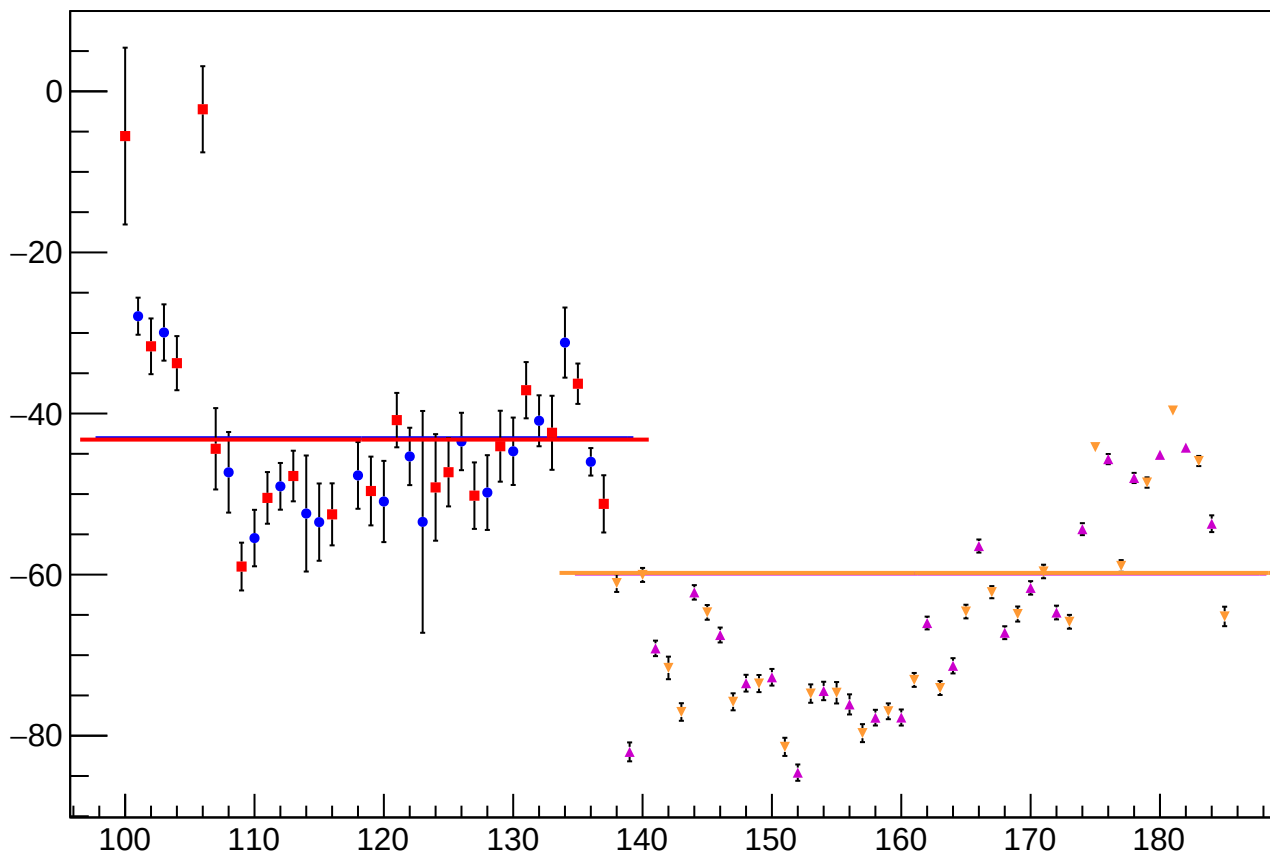
Right: -9.283 ± 0.337 $\chi^2/\text{NDF}: 850.9/35$

In: 0.521 ± 0.134 $\chi^2/\text{NDF}: 2885.6/39$

Out: 0.307 ± 0.131 $\chi^2/\text{NDF}: 2744.1/43$

All: 0.412 ± 0.094 $\chi^2/\text{NDF}: 5631.0/83$

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -59.787 ± 0.170 $\chi^2/\text{NDF}: 5837.3/24$

Right Out: -43.237 ± 0.866 $\chi^2/\text{NDF}: 154.2/18$

Left In: -59.864 ± 0.173 $\chi^2/\text{NDF}: 5275.1/22$

Left: -59.825 ± 0.121 $\chi^2/\text{NDF}: 11112.4/47$

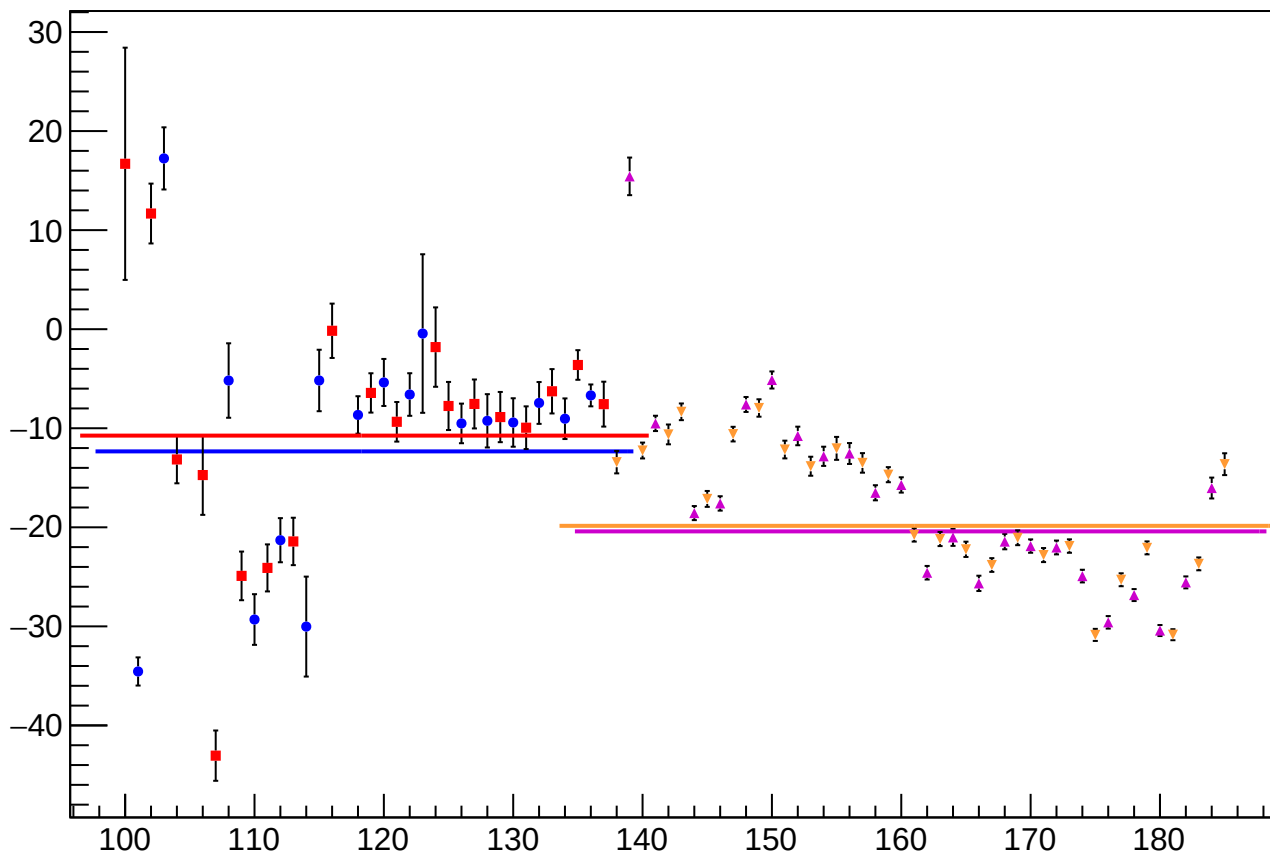
Right: -43.147 ± 0.601 $\chi^2/\text{NDF}: 253.3/35$

In: -59.176 ± 0.169 $\chi^2/\text{NDF}: 5762.0/39$

Out: -59.172 ± 0.167 $\chi^2/\text{NDF}: 6343.1/43$

All: -59.174 ± 0.119 $\chi^2/\text{NDF}: 12105.1/83$

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: -19.851 ± 0.153 $\chi^2/\text{NDF}: 1932.0/24$

Right Out: -10.743 ± 0.553 $\chi^2/\text{NDF}: 366.9/18$

Left In: -20.412 ± 0.156 $\chi^2/\text{NDF}: 2345.4/22$

Left: -20.125 ± 0.109 $\chi^2/\text{NDF}: 4284.0/47$

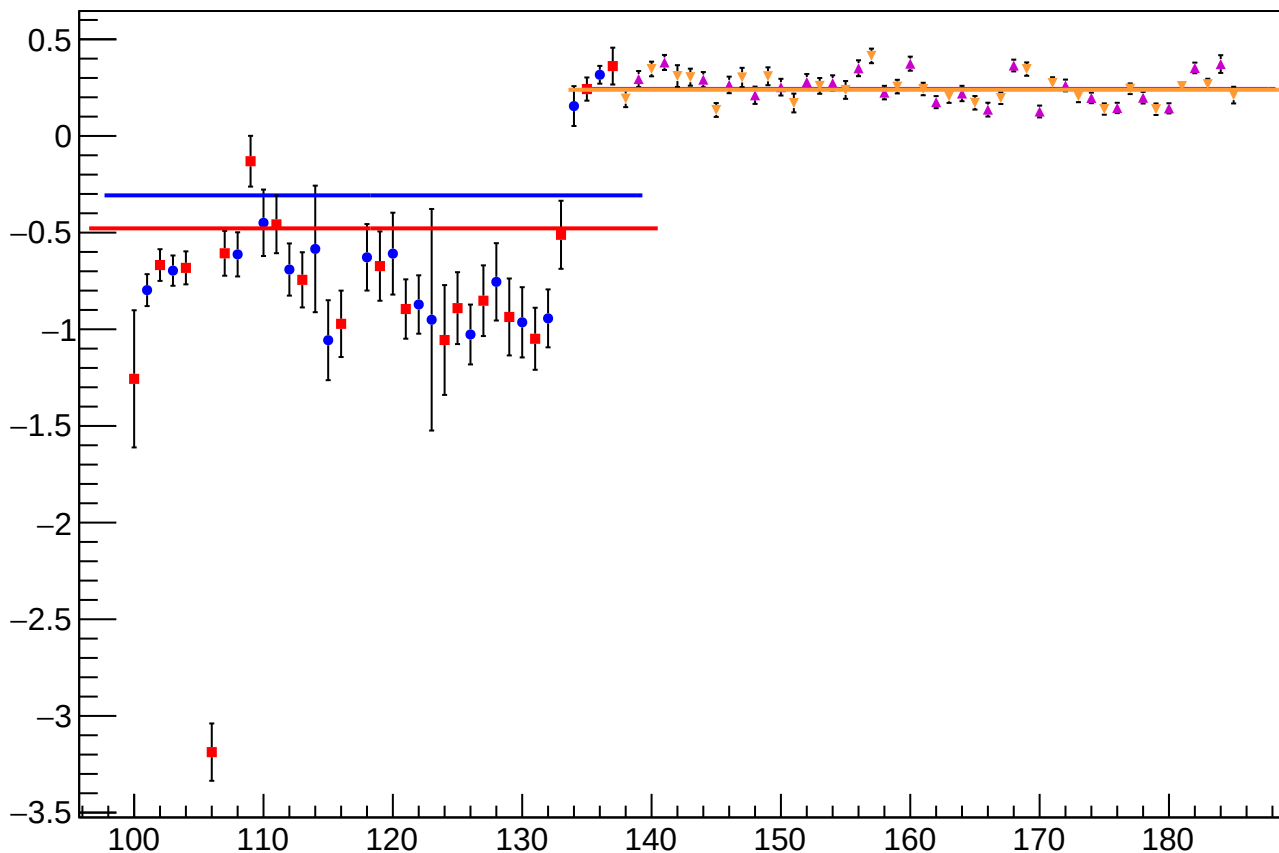
Right: -11.588 ± 0.379 $\chi^2/\text{NDF}: 846.4/35$

In: -19.745 ± 0.150 $\chi^2/\text{NDF}: 3041.5/39$

Out: -19.206 ± 0.147 $\chi^2/\text{NDF}: 2550.9/43$

All: -19.471 ± 0.105 $\chi^2/\text{NDF}: 5598.9/83$

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: 0.239 ± 0.007 χ^2/NDF : 93.0/24

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.243 ± 0.007 χ^2/NDF : 139.2/22

Left: 0.241 ± 0.005 χ^2/NDF : 232.4/47

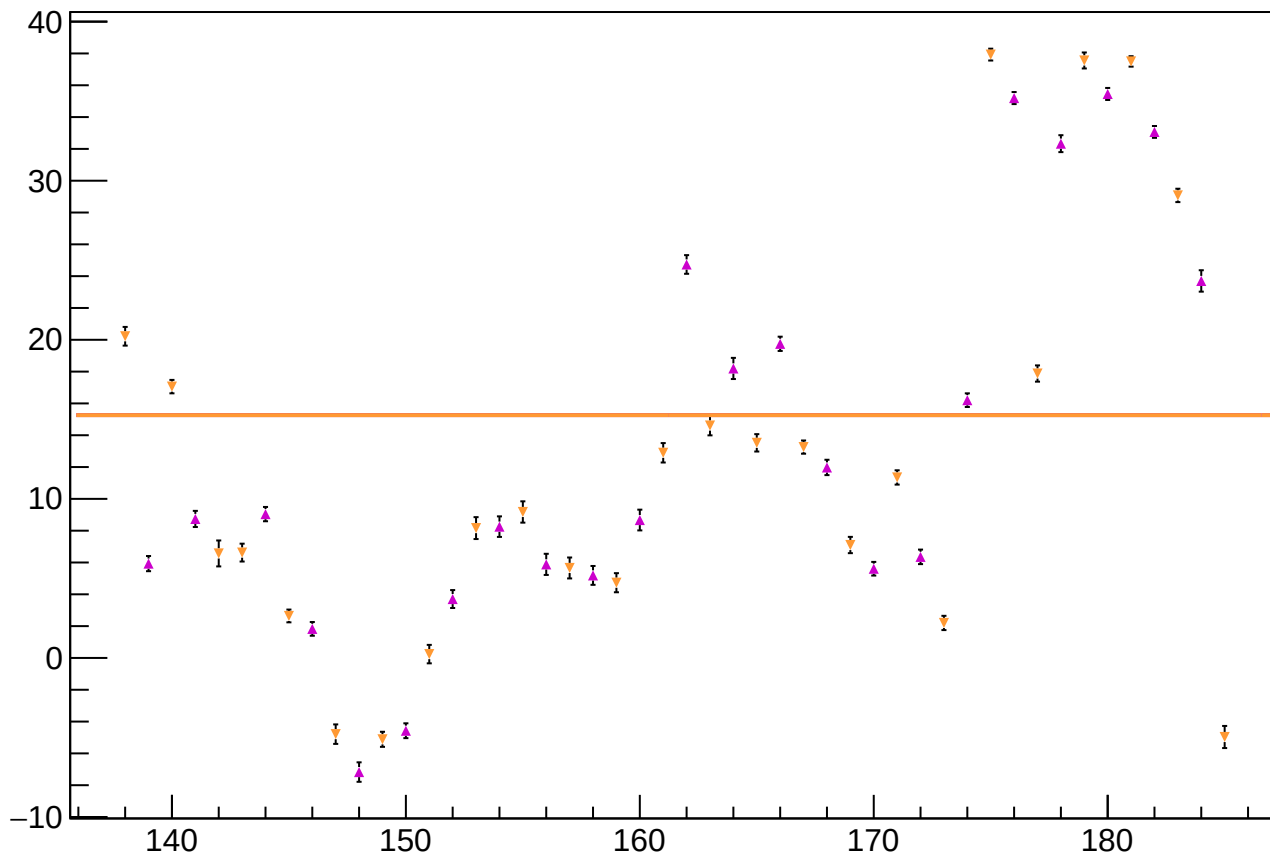
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.209 ± 0.007 χ^2/NDF : 886.4/39

Out: 0.198 ± 0.007 χ^2/NDF : 1319.7/43

All: 0.203 ± 0.005 χ^2/NDF : 2207.4/83

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 15.262 $\pm$ 0.100 χ^2 /NDF:19175.0/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Left: 15.265 $\pm$ 0.072 χ^2 /NDF: 35581.2/47

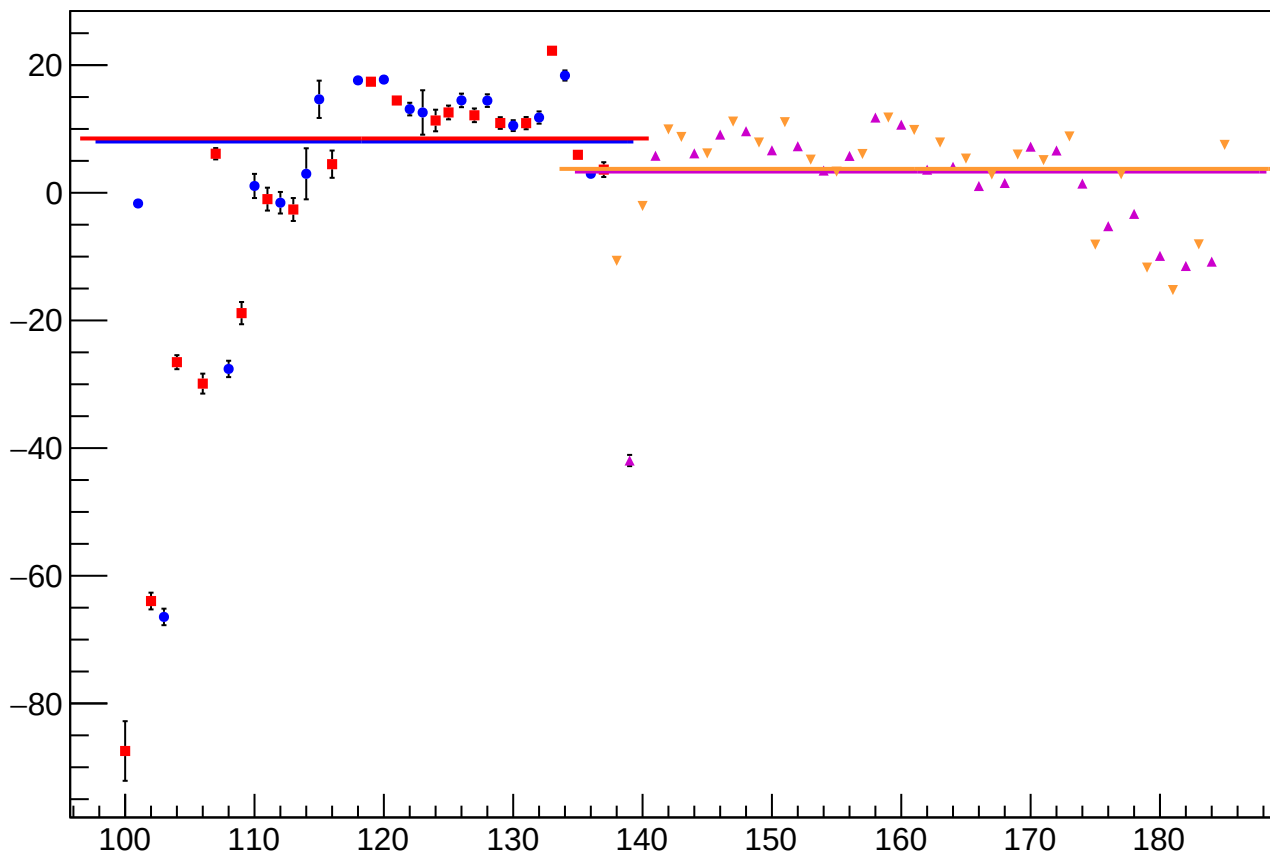
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 15.268 $\pm$ 0.102 χ^2 /NDF:16406.3/22

Out: 15.262 $\pm$ 0.100 χ^2 /NDF:19175.0/24

All: 15.265 $\pm$ 0.072 χ^2 /NDF: 35581.2/47

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 ± 0.215 $\chi^2/\text{NDF}: 5370.3/16$

Left Out: 3.744 ± 0.079 $\chi^2/\text{NDF}: 9247.8/24$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 3.327 ± 0.081 $\chi^2/\text{NDF}: 8830.5/22$

Left: 3.541 ± 0.056 $\chi^2/\text{NDF}: 18091.9/47$

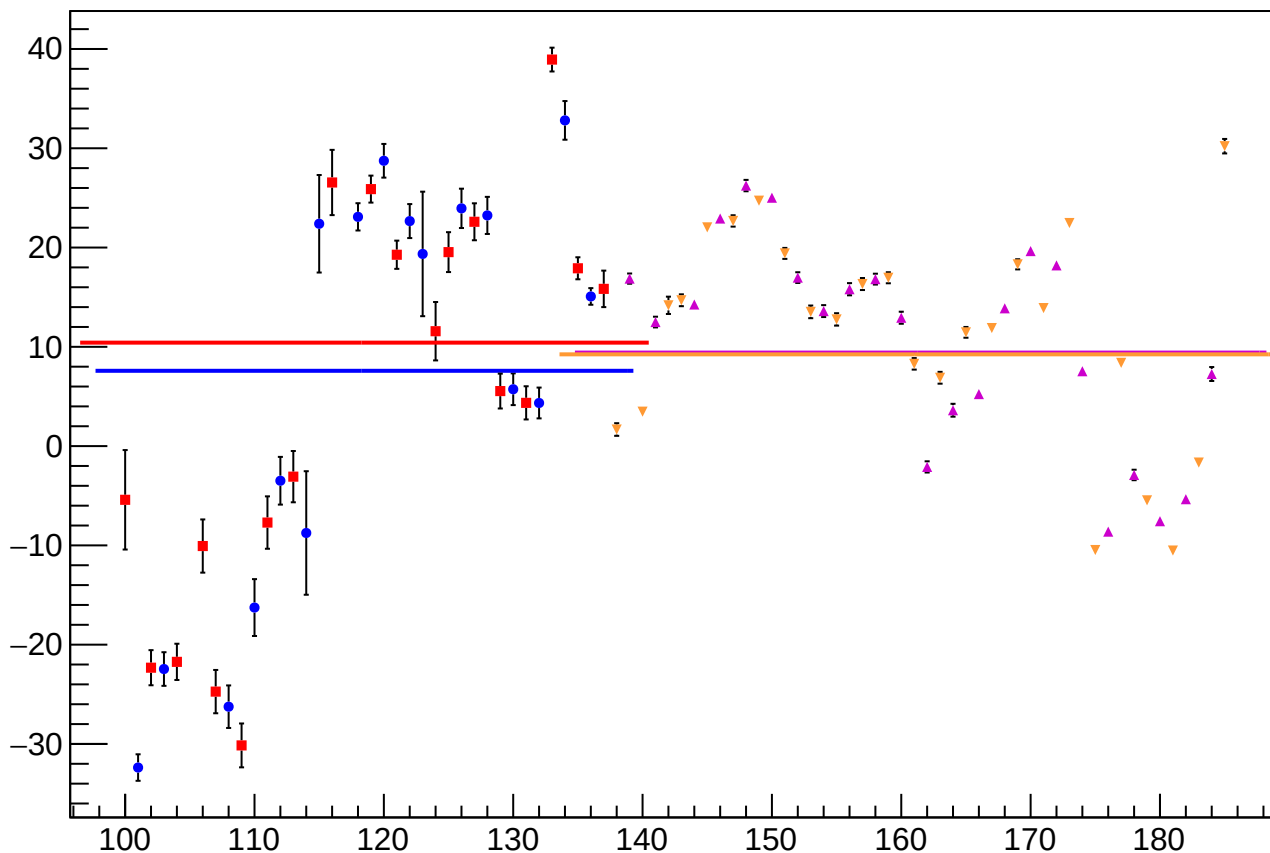
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 3.910 ± 0.076 $\chi^2/\text{NDF}: 14619.6/39$

Out: 4.317 ± 0.074 $\chi^2/\text{NDF}: 16401.5/43$

All: 4.119 ± 0.053 $\chi^2/\text{NDF}: 31035.9/83$

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: 9.243 ± 0.101 $\chi^2/\text{NDF}: 13633.0/24$

Right Out: 10.422 ± 0.416 $\chi^2/\text{NDF}: 2289.5/18$

Left In: 9.420 ± 0.102 $\chi^2/\text{NDF}: 12078.1/22$

Left: 9.330 ± 0.072 $\chi^2/\text{NDF}: 25712.7/47$

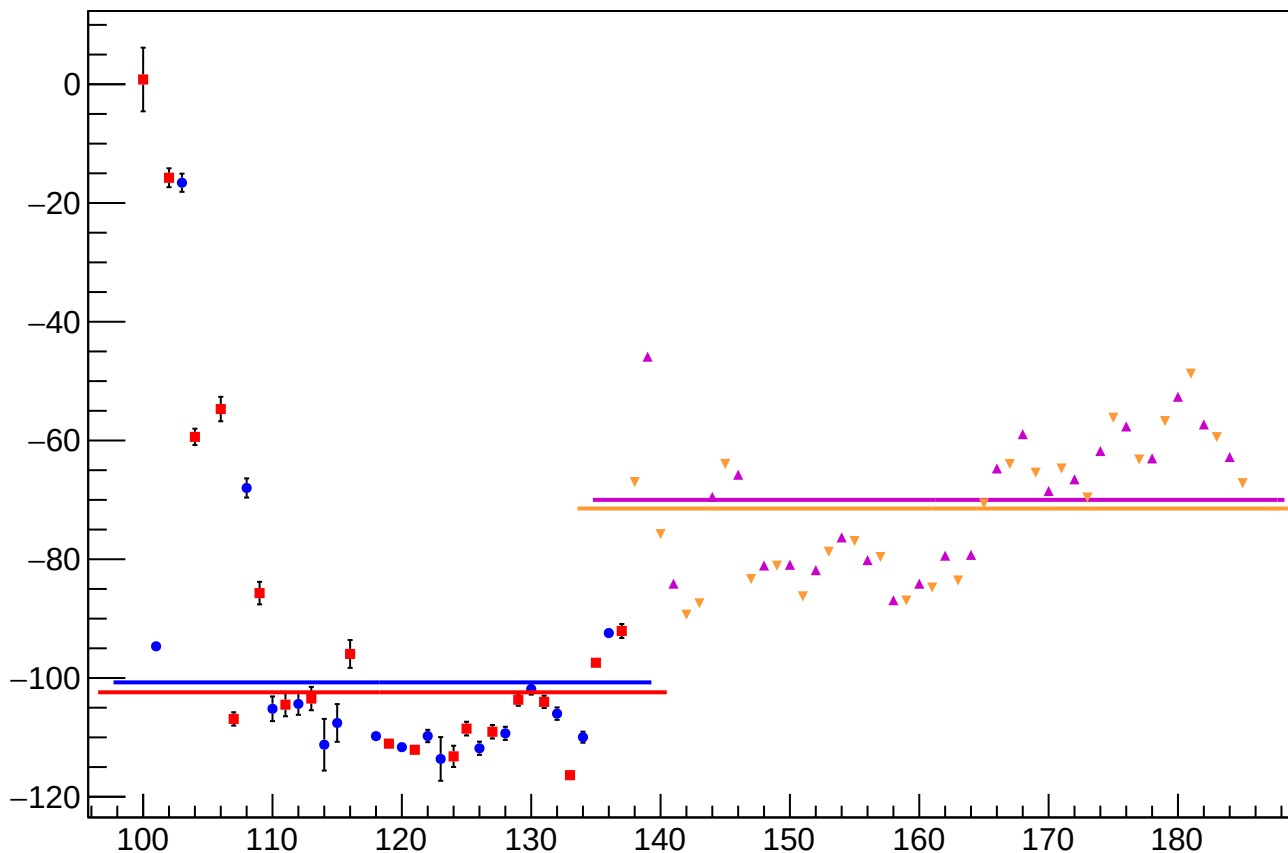
Right: 9.004 ± 0.294 $\chi^2/\text{NDF}: 4635.5/35$

In: 9.316 ± 0.099 $\chi^2/\text{NDF}: 14419.2/39$

Out: 9.308 ± 0.098 $\chi^2/\text{NDF}: 15930.1/43$

All: 9.312 ± 0.070 $\chi^2/\text{NDF}: 30349.3/83$

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: -71.457 ± 0.089 $\chi^2/\text{NDF}: 16419.0/24$

Right Out: -102.408 ± 0.246 $\chi^2/\text{NDF}: 6088.0/18$

Left In: -69.999 ± 0.091 $\chi^2/\text{NDF}: 13188.0/22$

Left: -70.746 ± 0.064 $\chi^2/\text{NDF}: 29737.3/47$

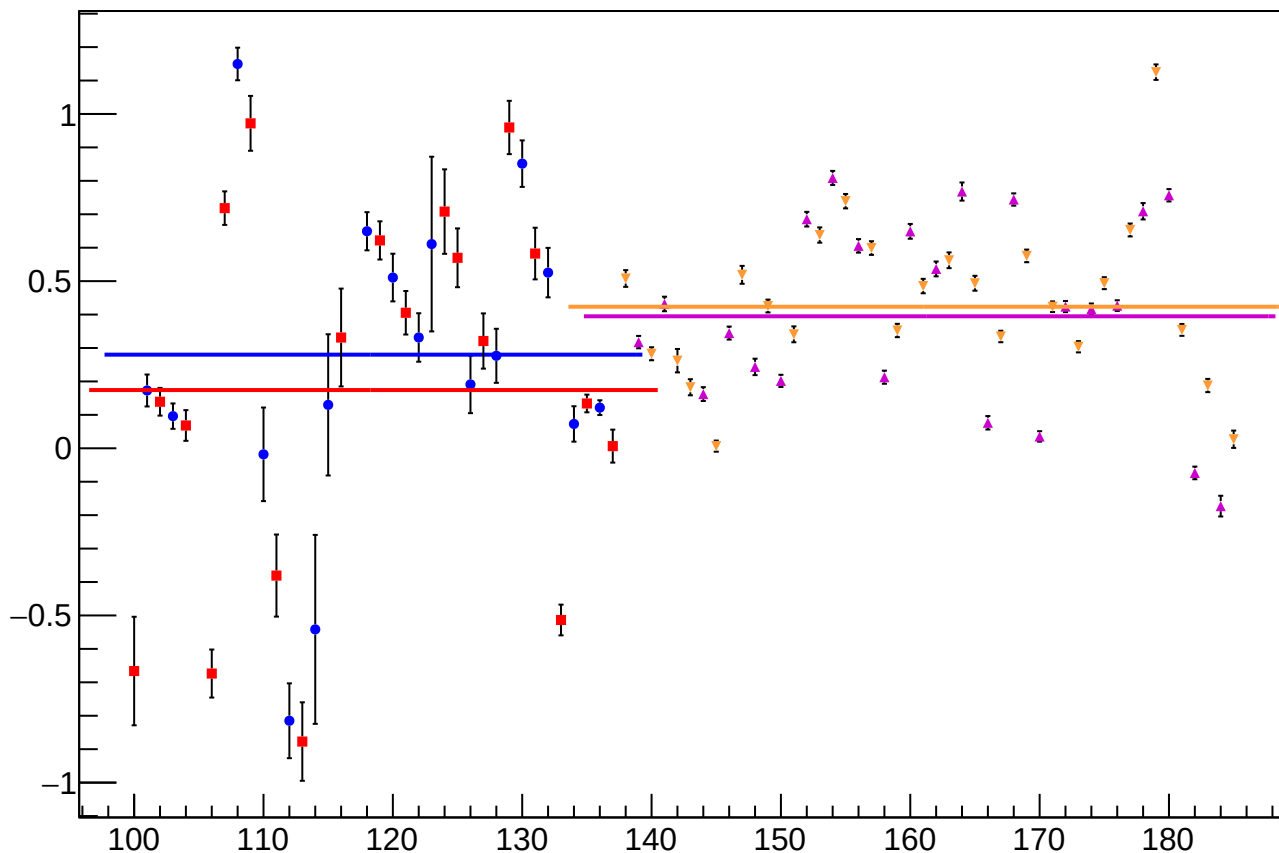
Right: -101.580 ± 0.175 $\chi^2/\text{NDF}: 10631.4/35$

In: -73.667 ± 0.086 $\chi^2/\text{NDF}: 31203.1/39$

Out: -75.061 ± 0.084 $\chi^2/\text{NDF}: 36510.0/43$

All: -74.379 ± 0.060 $\chi^2/\text{NDF}: 67848.0/83$

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: 0.423 ± 0.004 χ^2/NDF : 2885.4/24

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.395 ± 0.004 χ^2/NDF : 4063.1/22

Left: 0.409 ± 0.003 χ^2/NDF : 6972.7/47

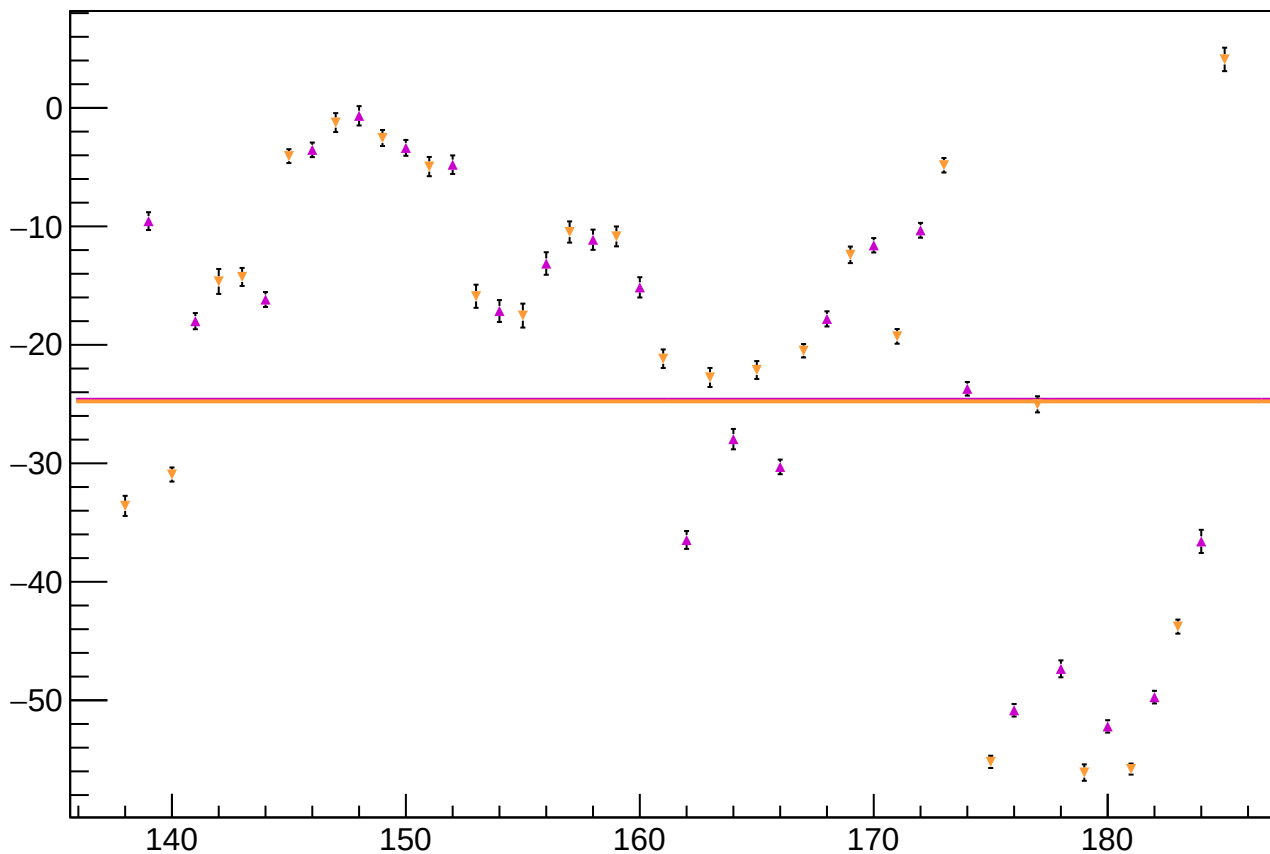
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.385 ± 0.004 χ^2/NDF : 4785.7/39

Out: 0.402 ± 0.004 χ^2/NDF : 4164.3/43

All: 0.394 ± 0.003 χ^2/NDF : 8959.7/83

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.768+/-0.139 χ^2/NDF :18318.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Left: -24.703+/-0.099 χ^2/NDF : 33266.5/47

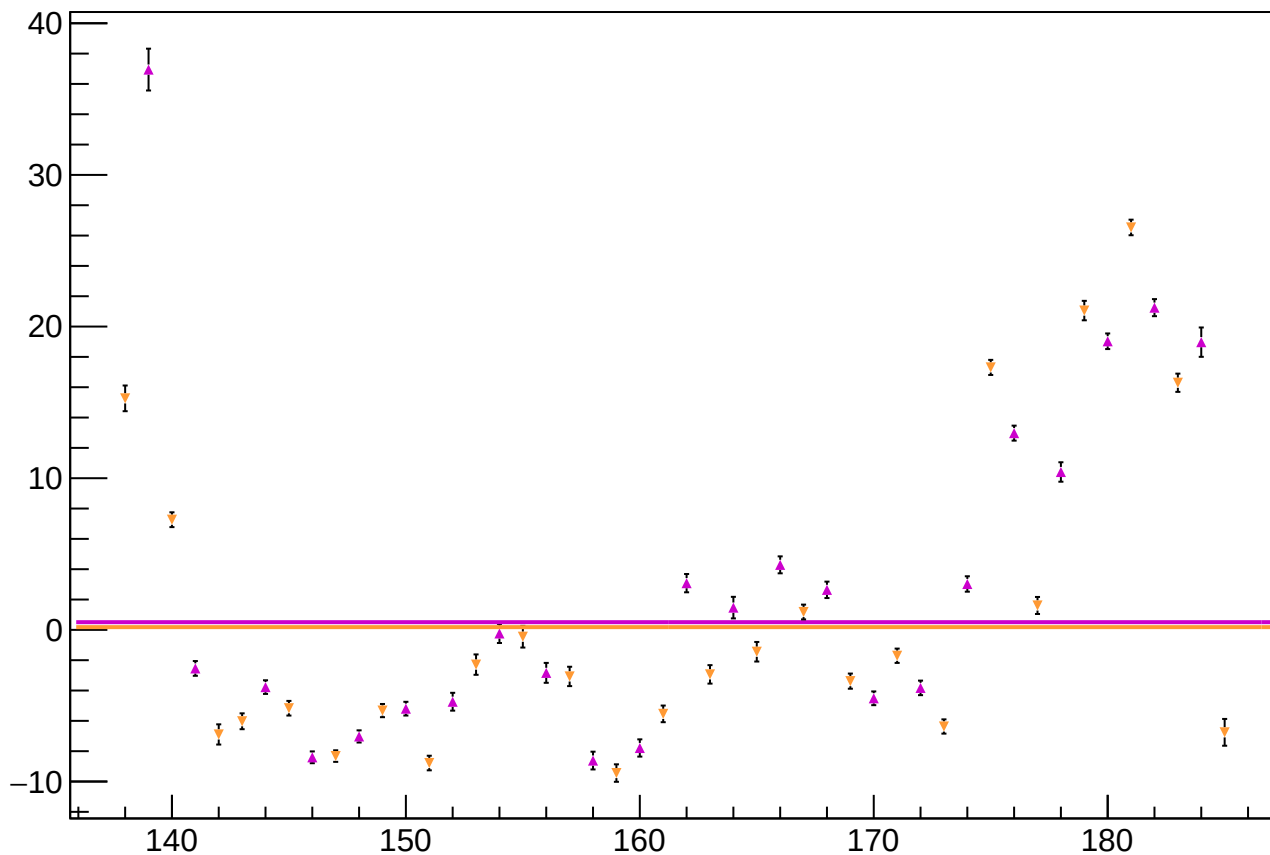
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.635+/-0.142 χ^2/NDF :14947.9/22

Out: -24.768+/-0.139 χ^2/NDF :18318.2/24

All: -24.703+/-0.099 χ^2/NDF : 33266.5/47

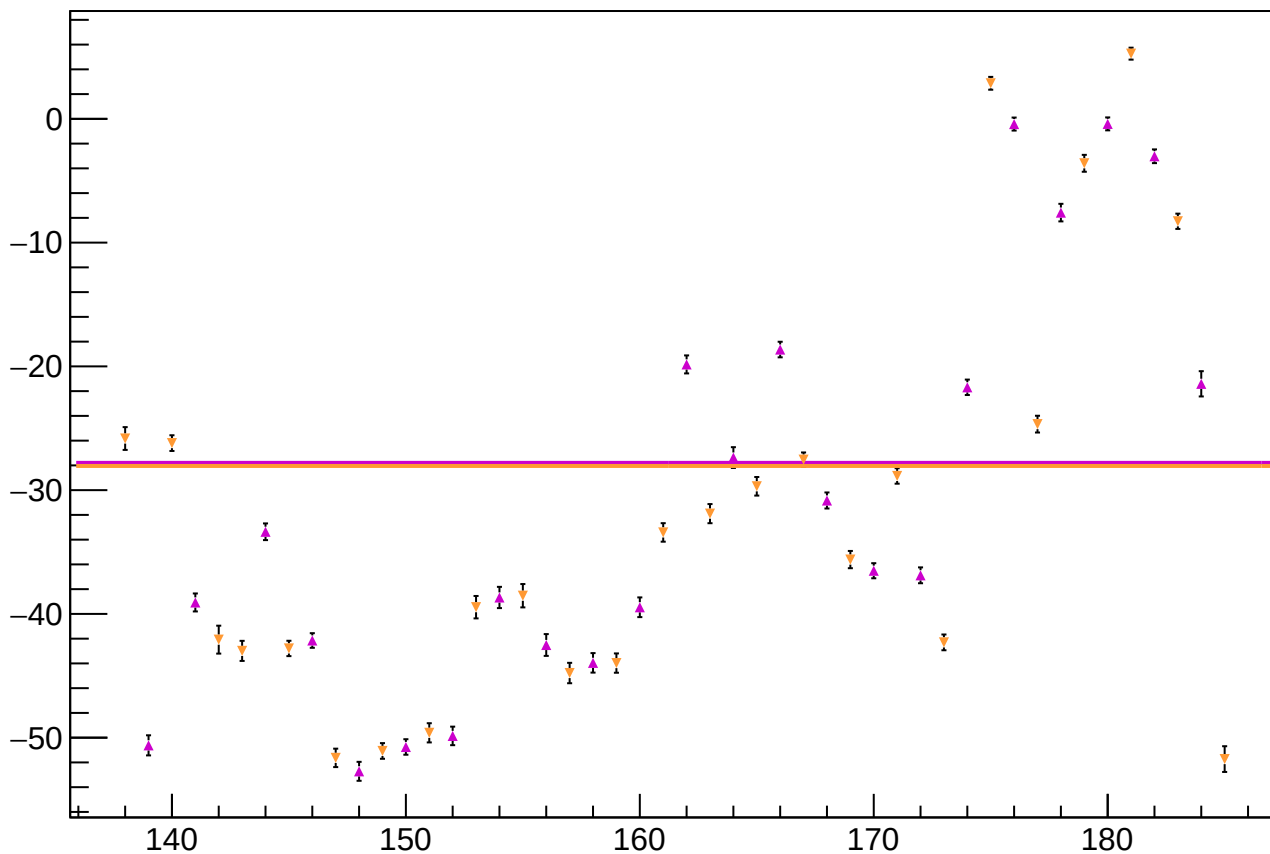
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.180+/-0.108 χ^2/NDF :8295.9/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.507+/-0.112 χ^2/NDF :6626.9/22

Left: 0.338+/-0.078 χ^2/NDF : 14927.2/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.507+/-0.112 χ^2/NDF :6626.9/22
 Out: 0.180+/-0.108 χ^2/NDF :8295.9/24
 All: 0.338+/-0.078 χ^2/NDF : 14927.2/47

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -28.046+/-0.140 χ^2/NDF :17144.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Left: -27.923+/-0.100 χ^2/NDF : 32339.5/47

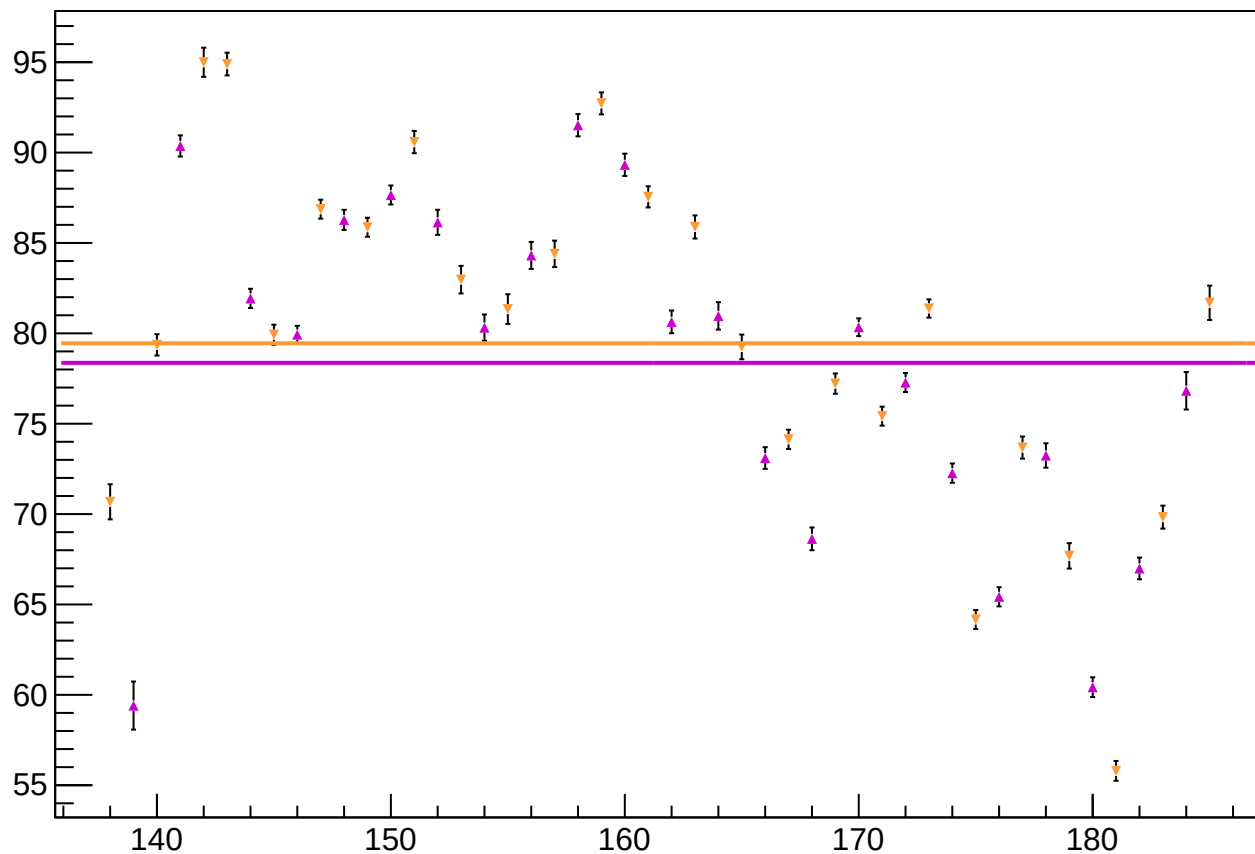
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -27.796+/-0.142 χ^2/NDF :15193.3/22

Out: -28.046+/-0.140 χ^2/NDF :17144.6/24

All: -27.923+/-0.100 χ^2/NDF : 32339.5/47

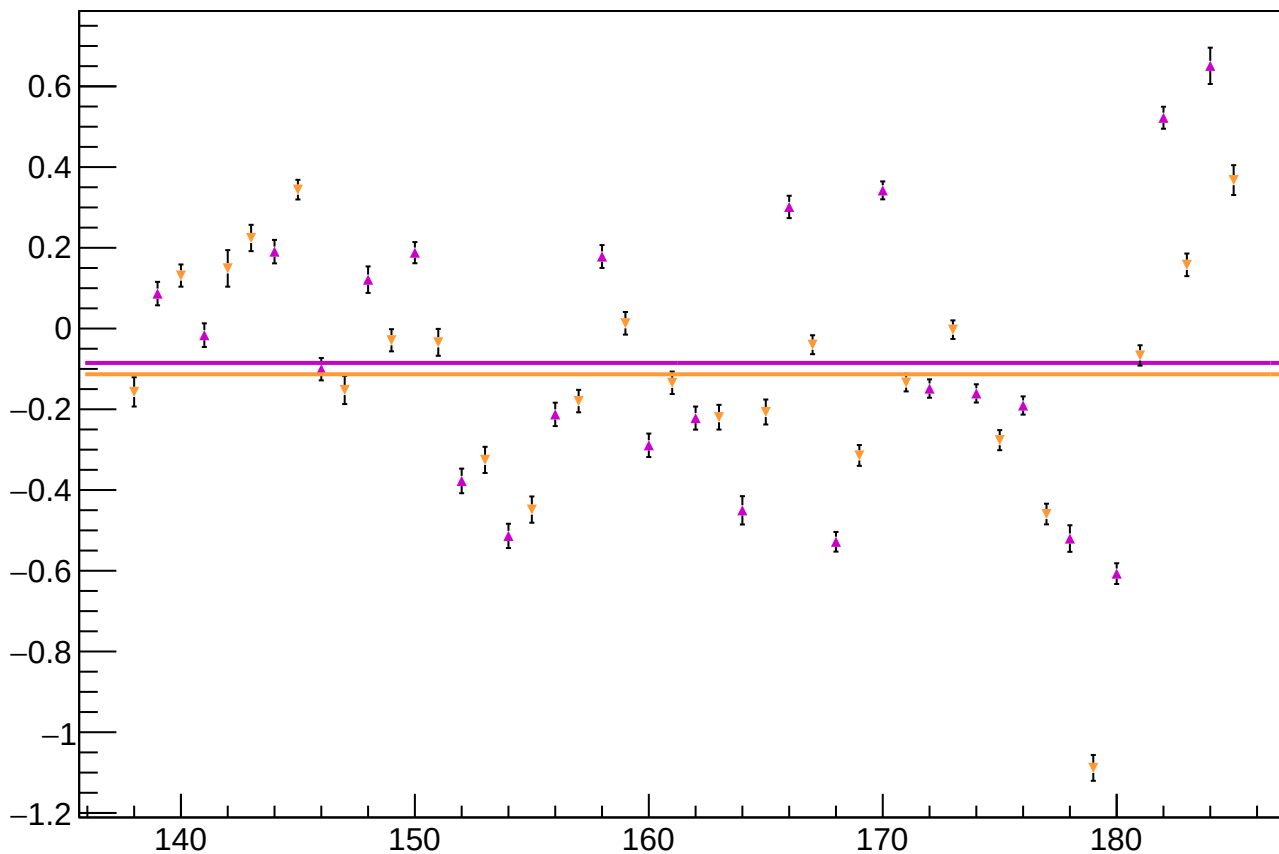
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 79.449+/-0.123 χ^2/NDF :6080.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 78.367+/-0.126 χ^2/NDF :4735.5/22

Left: 78.922+/-0.088 χ^2/NDF : 10853.2/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 78.367+/-0.126 χ^2/NDF :4735.5/22
 Out: 79.449+/-0.123 χ^2/NDF :6080.0/24
 All: 78.922+/-0.088 χ^2/NDF : 10853.2/47

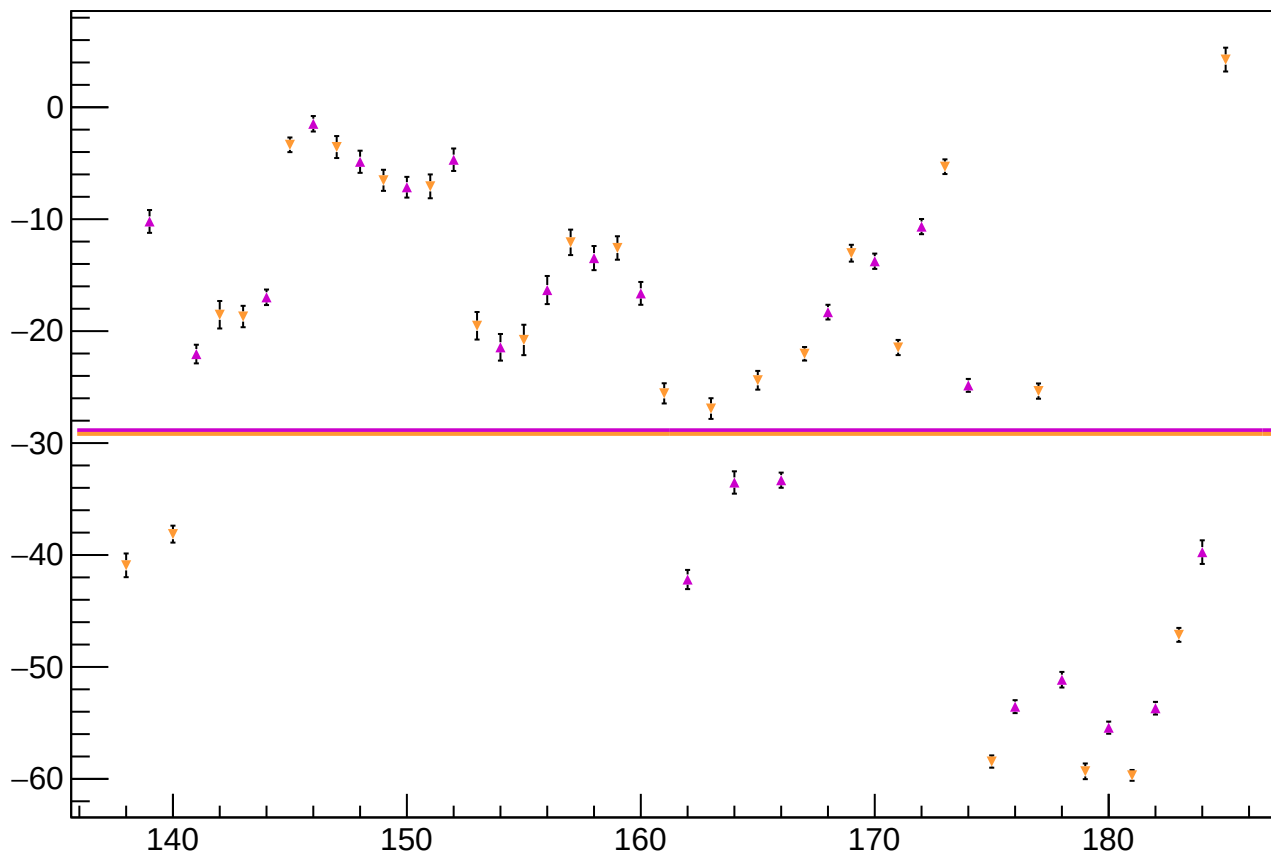
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.113 $\pm$ 0.006 χ^2 /NDF:2303.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.085 $\pm$ 0.006 χ^2 /NDF:3148.4/22

Left: -0.099 $\pm$ 0.004 χ^2 /NDF: 5463.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.085 $\pm$ 0.006 χ^2 /NDF:3148.4/22
 Out: -0.113 $\pm$ 0.006 χ^2 /NDF:2303.3/24
 All: -0.099 $\pm$ 0.004 χ^2 /NDF: 5463.9/47

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.178+/-0.157 χ^2/NDF :16911.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Left: -29.020+/-0.112 χ^2/NDF : 30467.1/47

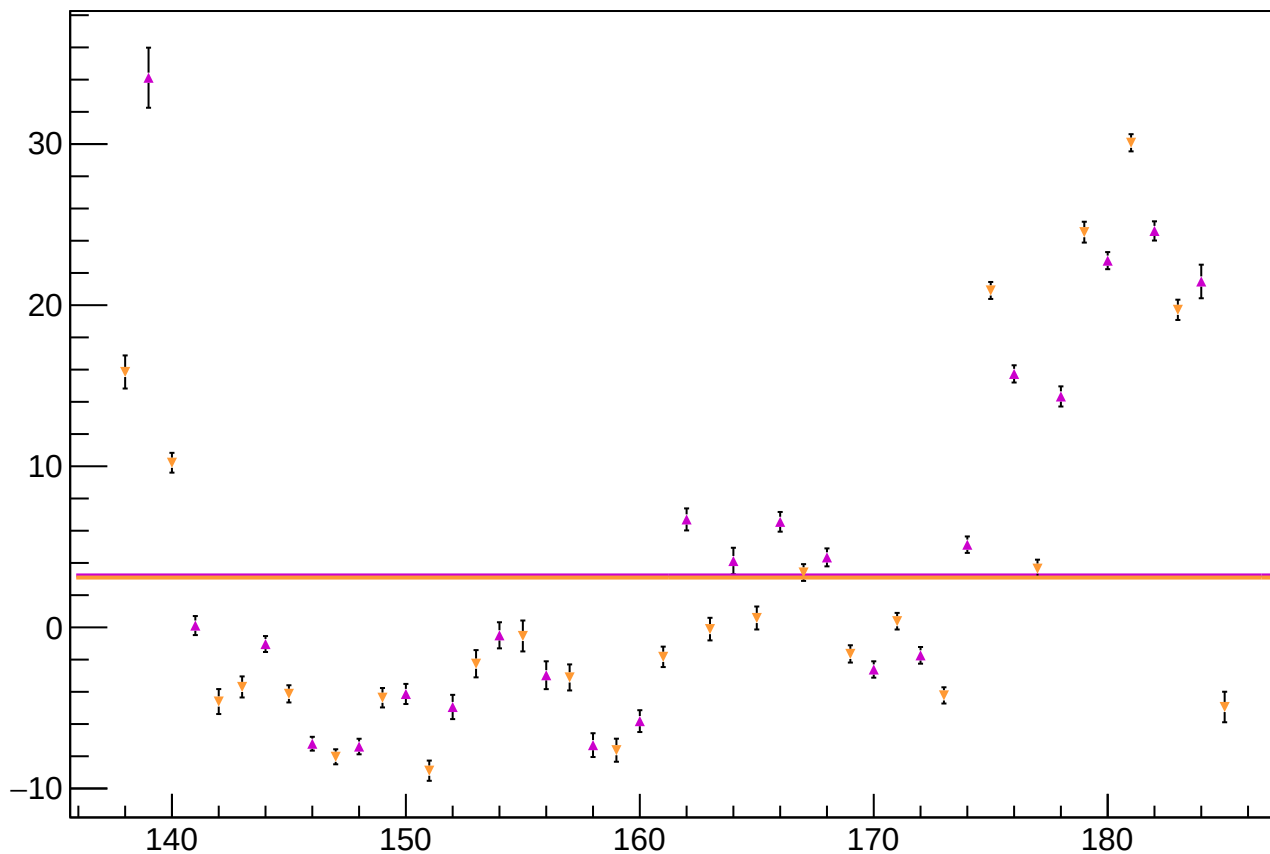
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.857+/-0.159 χ^2/NDF :13553.6/22

Out: -29.178+/-0.157 χ^2/NDF :16911.5/24

All: -29.020+/-0.112 χ^2/NDF : 30467.1/47

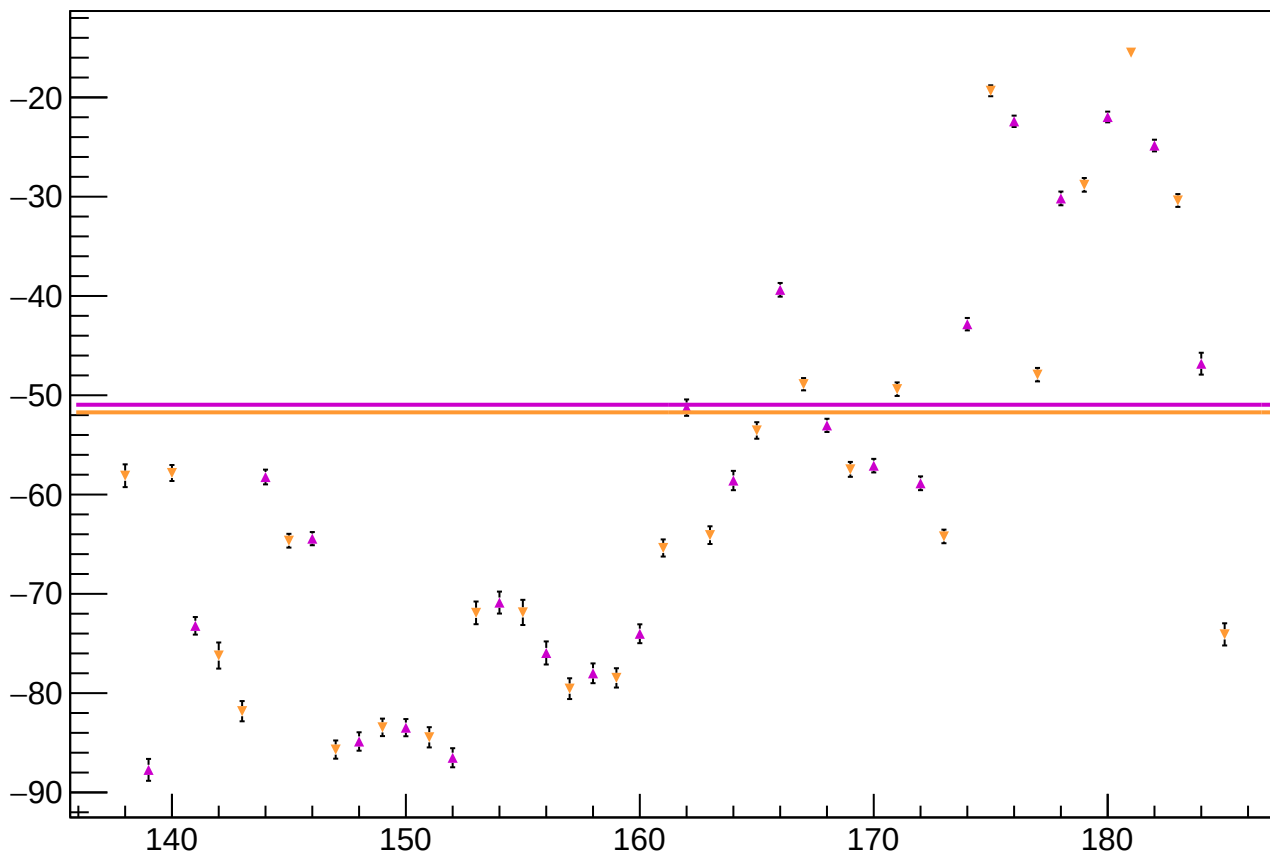
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.093+/-0.124 χ^2/NDF :8084.1/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.224+/-0.127 χ^2/NDF :6274.0/22

Left: 3.157+/-0.089 χ^2/NDF : 14358.7/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.224+/-0.127 χ^2/NDF :6274.0/22
 Out: 3.093+/-0.124 χ^2/NDF :8084.1/24
 All: 3.157+/-0.089 χ^2/NDF : 14358.7/47

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -51.721+/-0.158 χ^2/NDF :19539.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Left: -51.341+/-0.112 χ^2/NDF : 37023.4/47

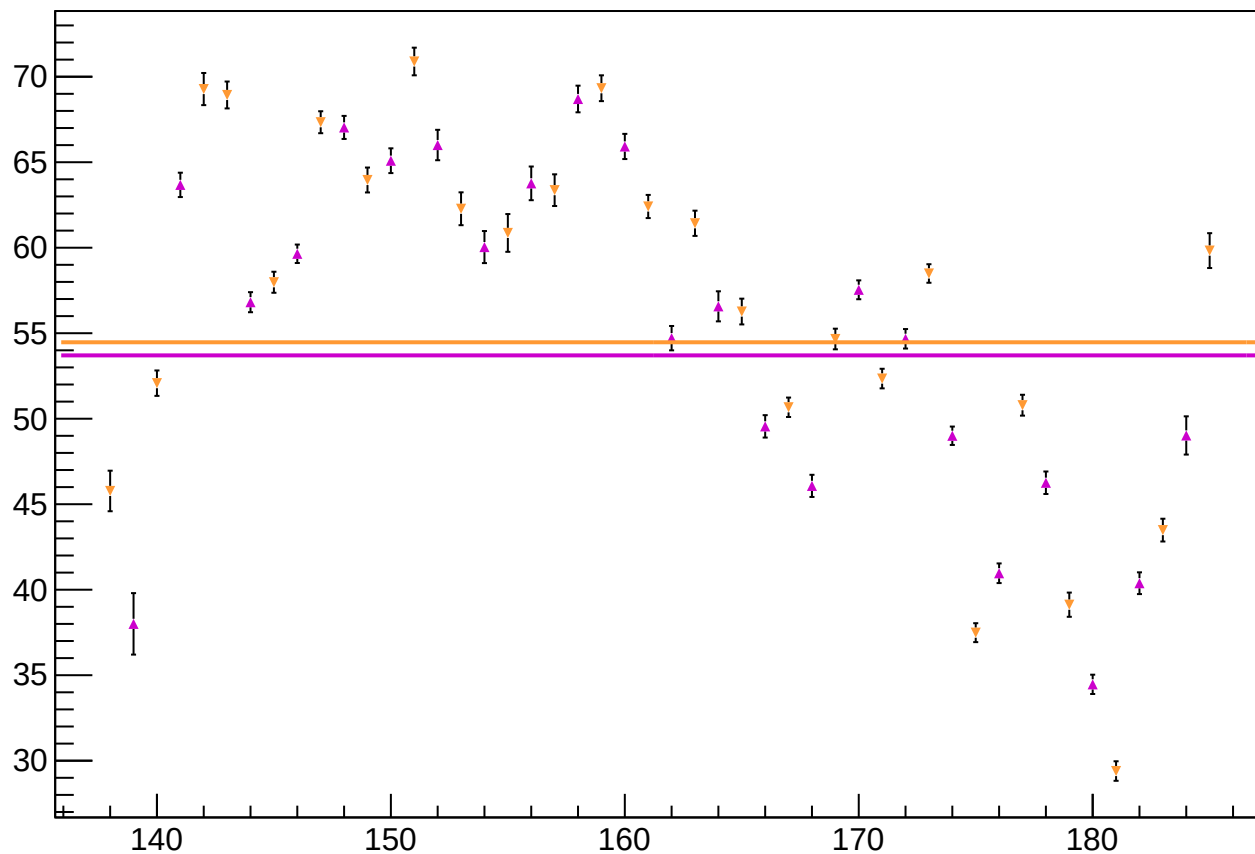
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -50.954+/-0.159 χ^2/NDF :17472.2/22

Out: -51.721+/-0.158 χ^2/NDF :19539.5/24

All: -51.341+/-0.112 χ^2/NDF : 37023.4/47

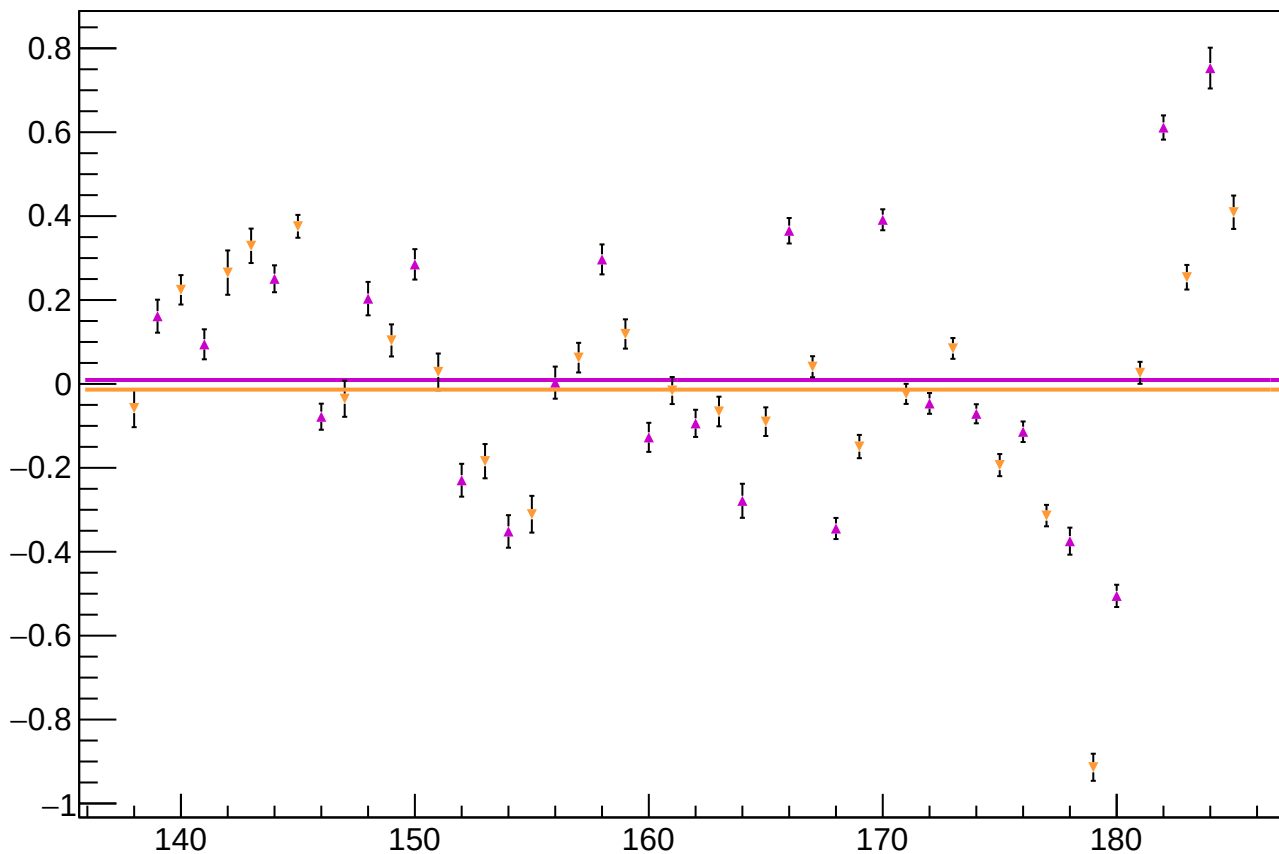
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.470 $\pm$ 0.140 χ^2 /NDF:6268.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 53.704 $\pm$ 0.143 χ^2 /NDF:4603.5/22

Left: 54.093 $\pm$ 0.100 χ^2 /NDF: 10886.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 53.704 $\pm$ 0.143 χ^2 /NDF:4603.5/22
 Out: 54.470 $\pm$ 0.140 χ^2 /NDF:6268.5/24
 All: 54.093 $\pm$ 0.100 χ^2 /NDF: 10886.7/47

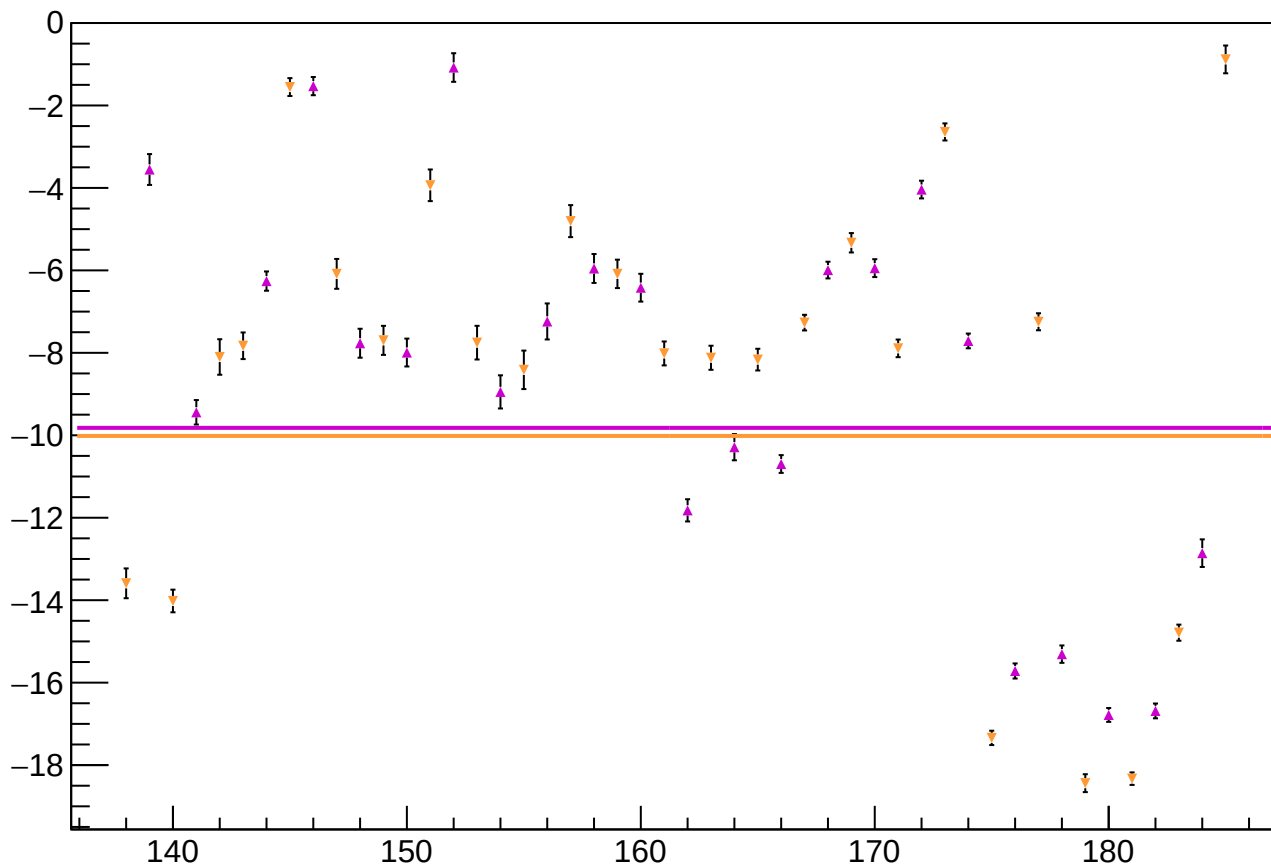
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.014 $\pm$ 0.006 χ^2 /NDF:1654.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22

Left: -0.002 $\pm$ 0.005 χ^2 /NDF: 3890.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.009 $\pm$ 0.007 χ^2 /NDF:2228.9/22
 Out: -0.014 $\pm$ 0.006 χ^2 /NDF:1654.9/24
 All: -0.002 $\pm$ 0.005 χ^2 /NDF: 3890.1/47

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -10.016 $\pm$ 0.051 χ^2 /NDF:12551.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

Left: -9.919 $\pm$ 0.036 χ^2 /NDF: 22027.7/47

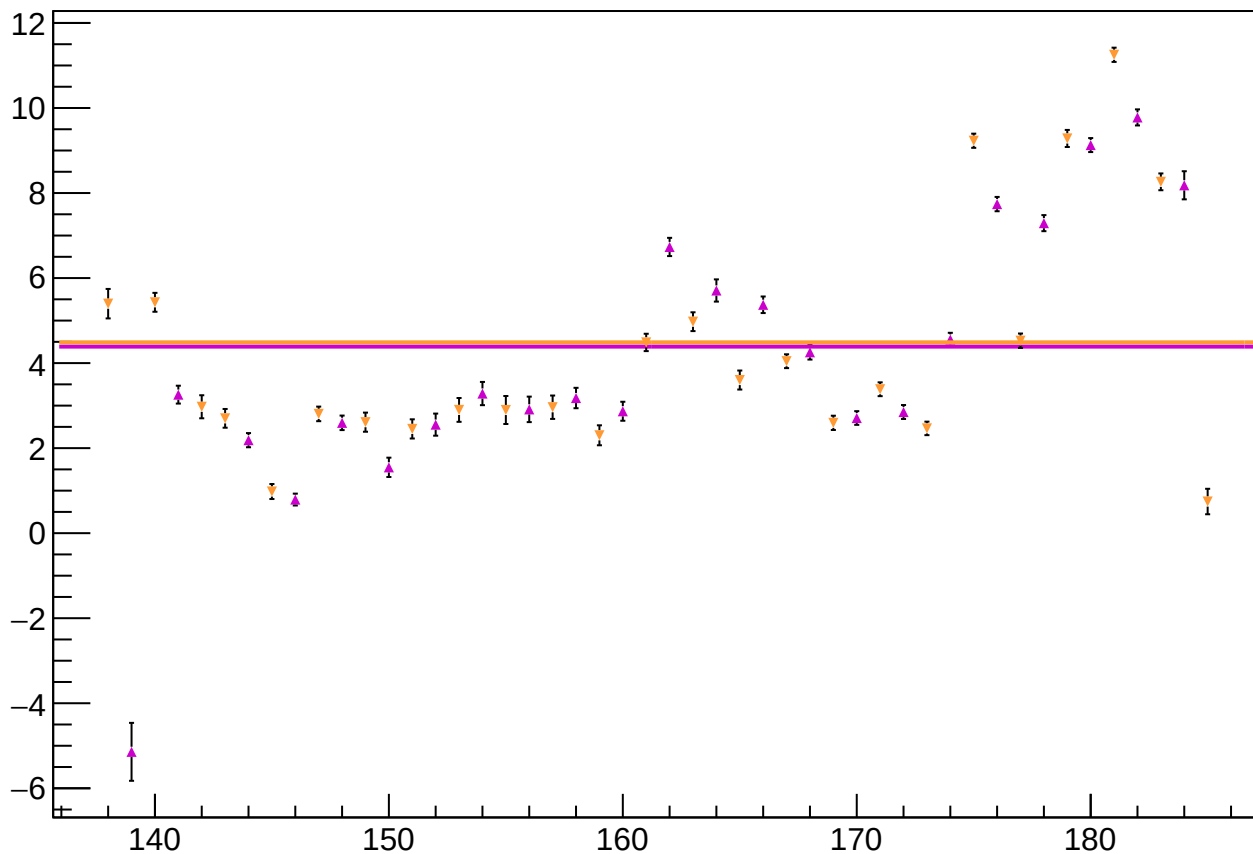
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.820 $\pm$ 0.051 χ^2 /NDF:9468.8/22

Out: -10.016 $\pm$ 0.051 χ^2 /NDF:12551.4/24

All: -9.919 $\pm$ 0.036 χ^2 /NDF: 22027.7/47

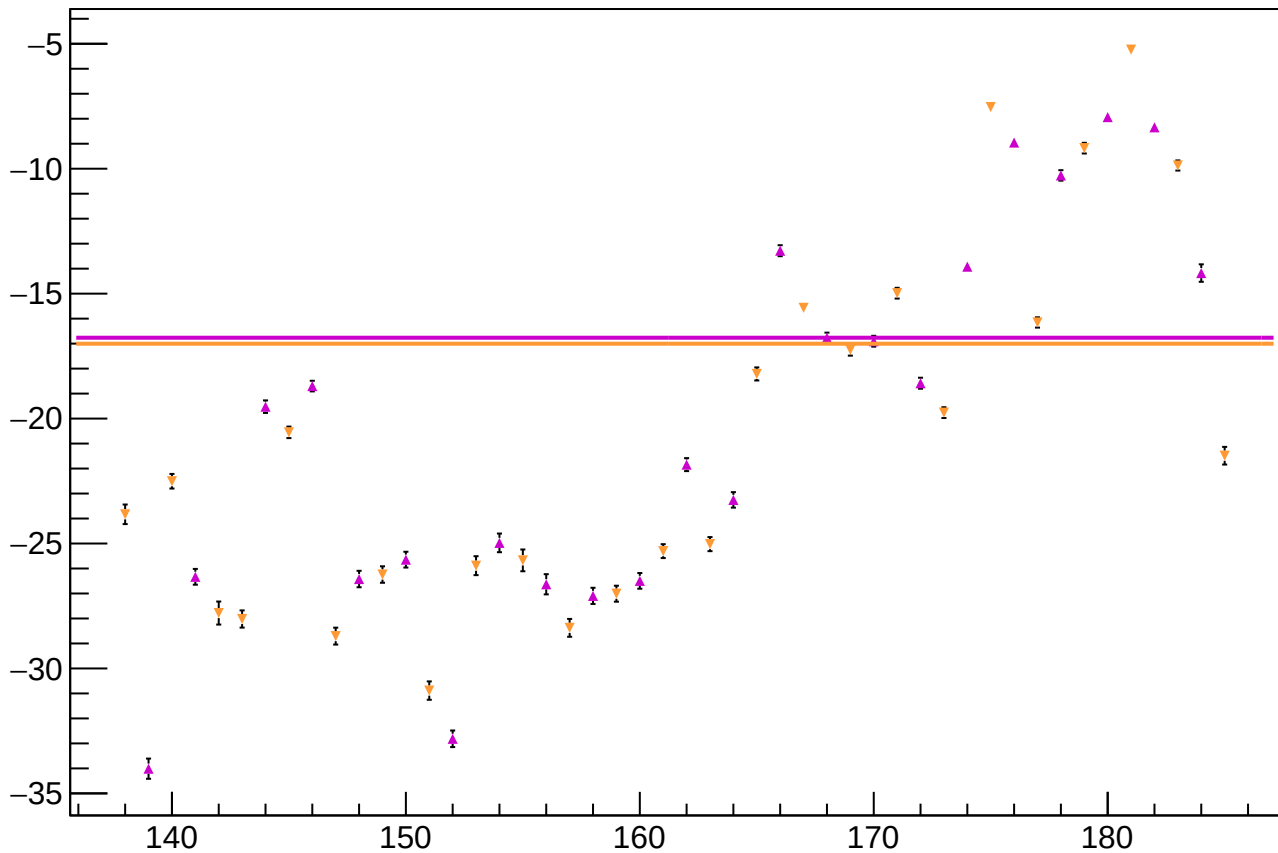
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.489 $\pm$ 0.041 χ^2 /NDF:4832.2/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22

Left: 4.439 $\pm$ 0.029 χ^2 /NDF: 9101.6/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.388 $\pm$ 0.041 χ^2 /NDF:4266.4/22
 Out: 4.489 $\pm$ 0.041 χ^2 /NDF:4832.2/24
 All: 4.439 $\pm$ 0.029 χ^2 /NDF: 9101.6/47

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -17.004+/-0.051 χ^2/NDF :22098.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Left: -16.885+/-0.036 χ^2/NDF : 41147.1/47

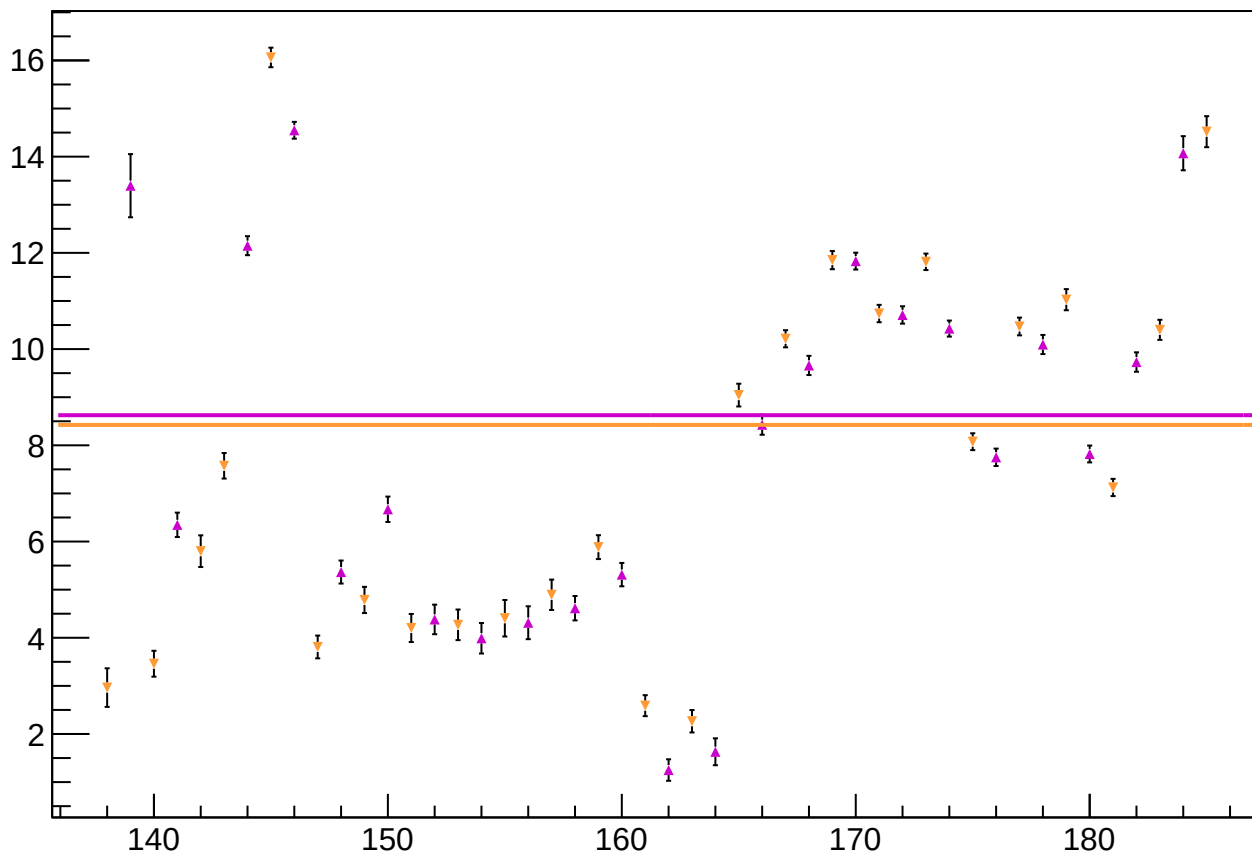
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.764+/-0.051 χ^2/NDF :19037.7/22

Out: -17.004+/-0.051 χ^2/NDF :22098.4/24

All: -16.885+/-0.036 χ^2/NDF : 41147.1/47

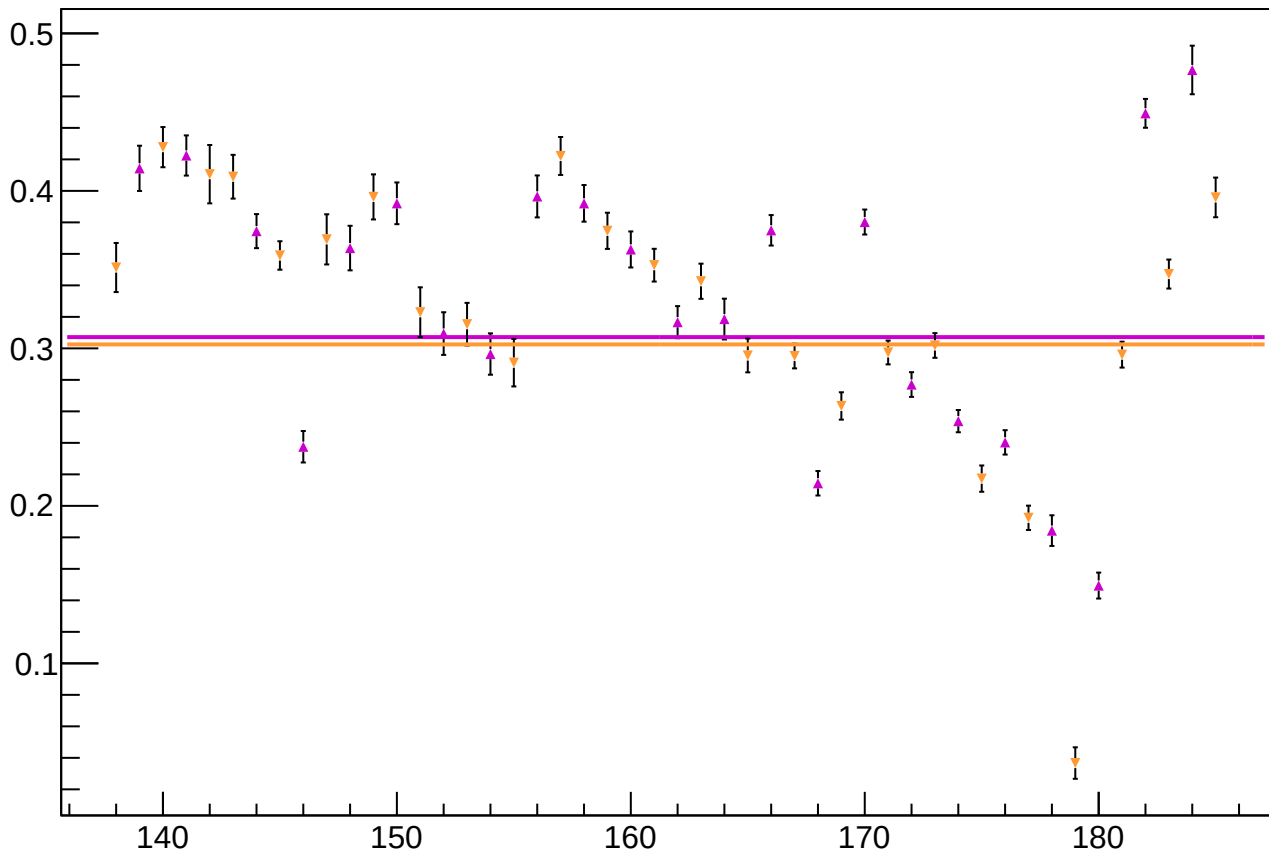
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.424+/-0.046 χ^2/NDF : 6471.8/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.626+/-0.046 χ^2/NDF : 5531.9/22

Left: 8.524+/-0.032 χ^2/NDF : 12013.4/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.626+/-0.046 χ^2/NDF : 5531.9/22
 Out: 8.424+/-0.046 χ^2/NDF : 6471.8/24
 All: 8.524+/-0.032 χ^2/NDF : 12013.4/47

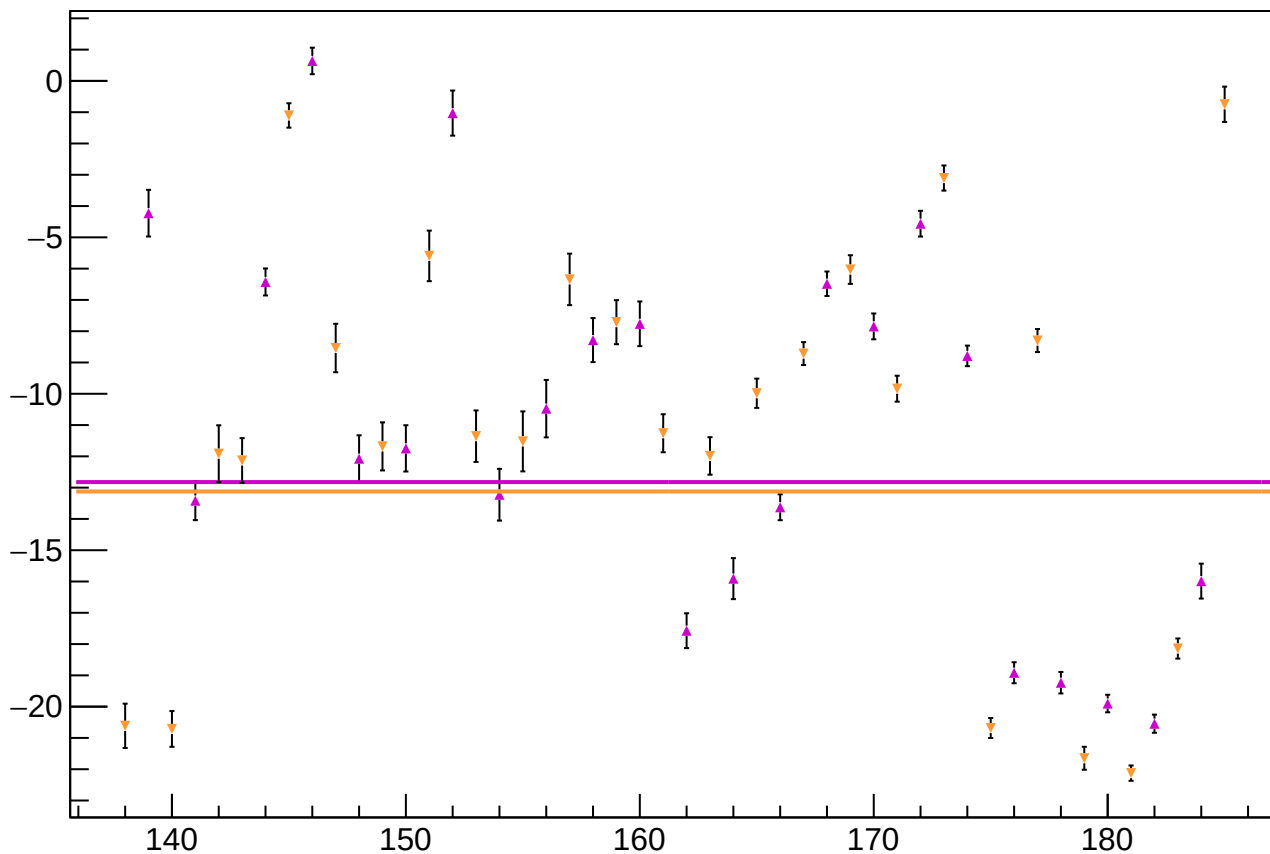
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.303 $\pm$ 0.002 χ^2 /NDF:1590.9/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22

Left: 0.305 $\pm$ 0.001 χ^2 /NDF: 3310.2/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.307 $\pm$ 0.002 χ^2 /NDF:1716.8/22
 Out: 0.303 $\pm$ 0.002 χ^2 /NDF:1590.9/24
 All: 0.305 $\pm$ 0.001 χ^2 /NDF: 3310.2/47

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.124+/-0.094 χ^2/NDF : 5976.6/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.823+/-0.095 χ^2/NDF : 4841.5/22

Left: -12.975+/-0.067 χ^2/NDF : 10823.2/47

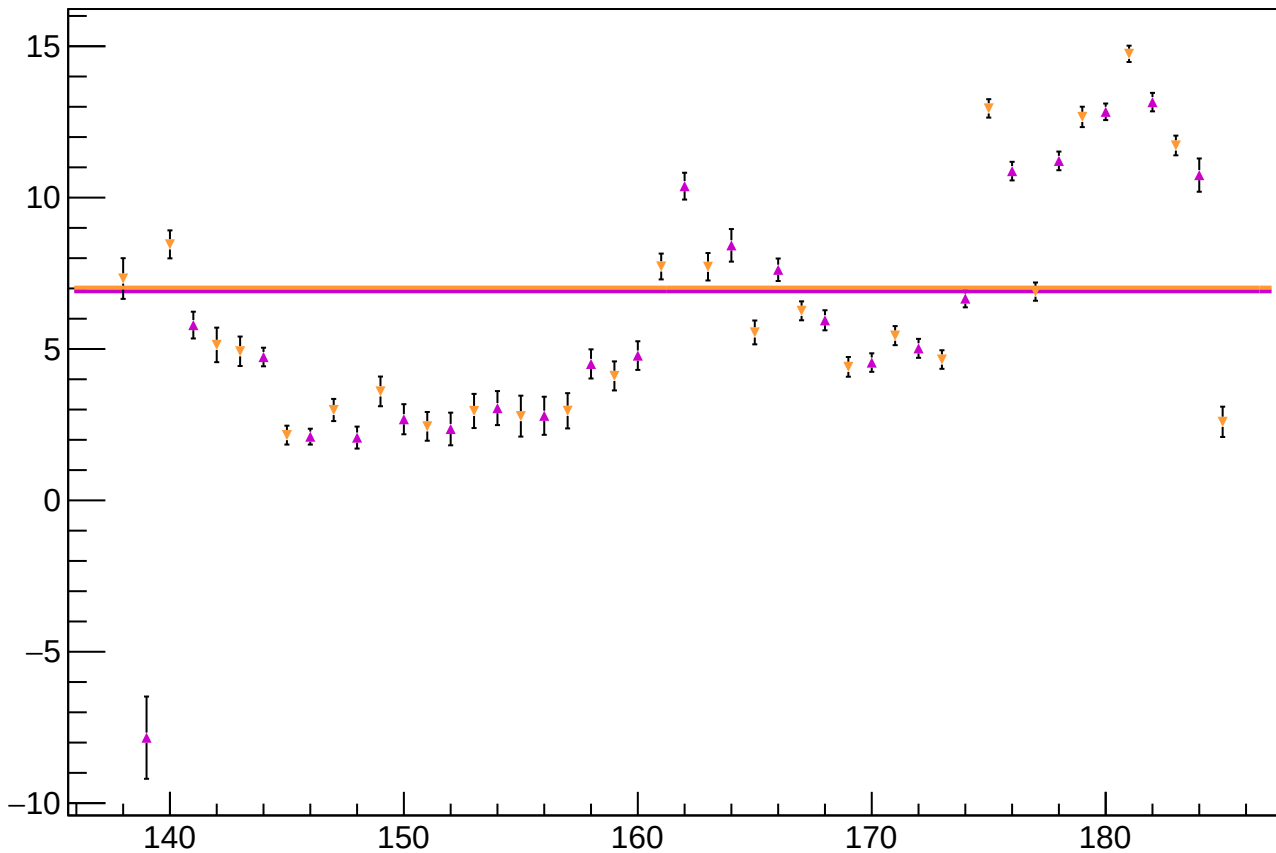
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.823+/-0.095 χ^2/NDF : 4841.5/22

Out: -13.124+/-0.094 χ^2/NDF : 5976.6/24

All: -12.975+/-0.067 χ^2/NDF : 10823.2/47

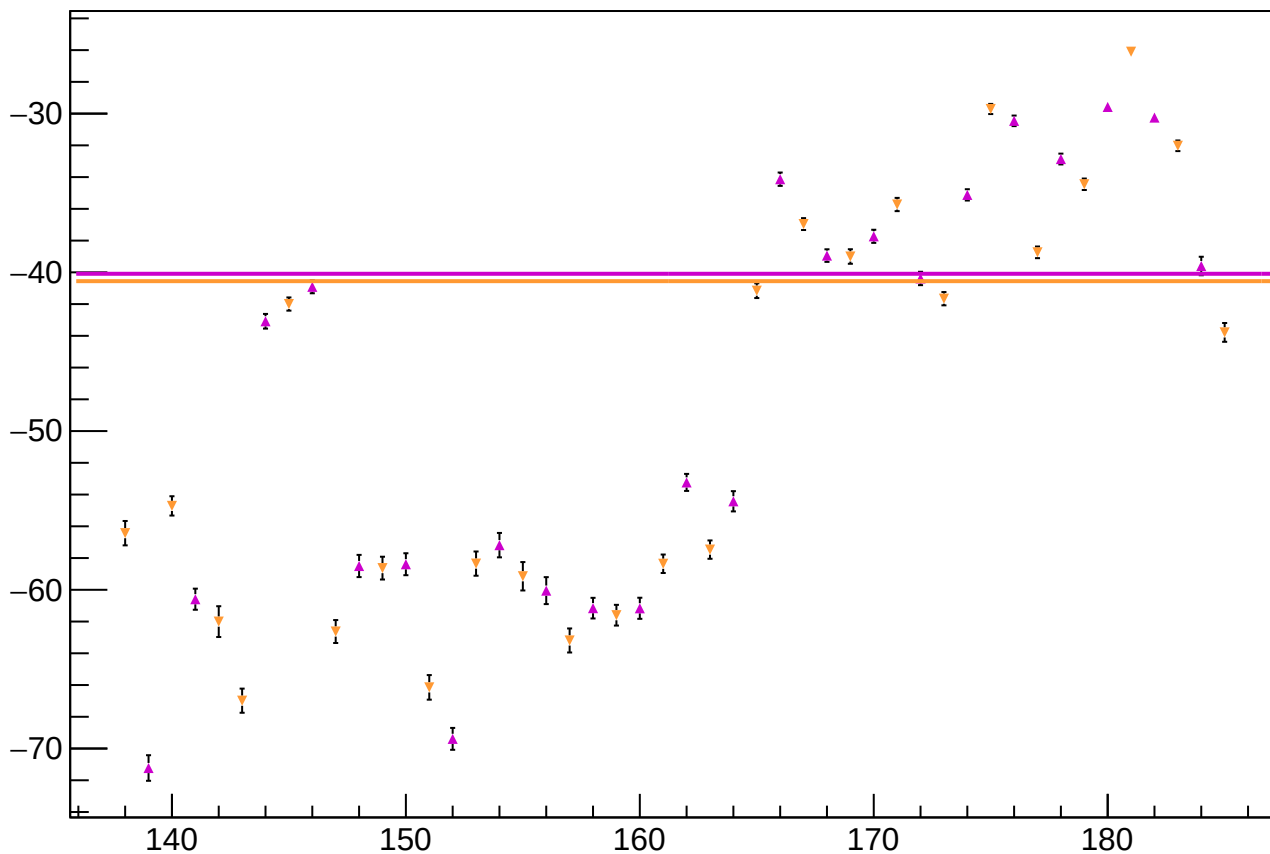
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 7.027 $\pm$ 0.077 χ^2 /NDF:2665.3/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22

Left: 6.967 $\pm$ 0.055 χ^2 /NDF: 5109.3/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 6.906 $\pm$ 0.077 χ^2 /NDF:2442.8/22
 Out: 7.027 $\pm$ 0.077 χ^2 /NDF:2665.3/24
 All: 6.967 $\pm$ 0.055 χ^2 /NDF: 5109.3/47

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.556+/-0.095 χ^2/NDF :15641.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Left: -40.325+/-0.067 χ^2/NDF : 29757.3/47

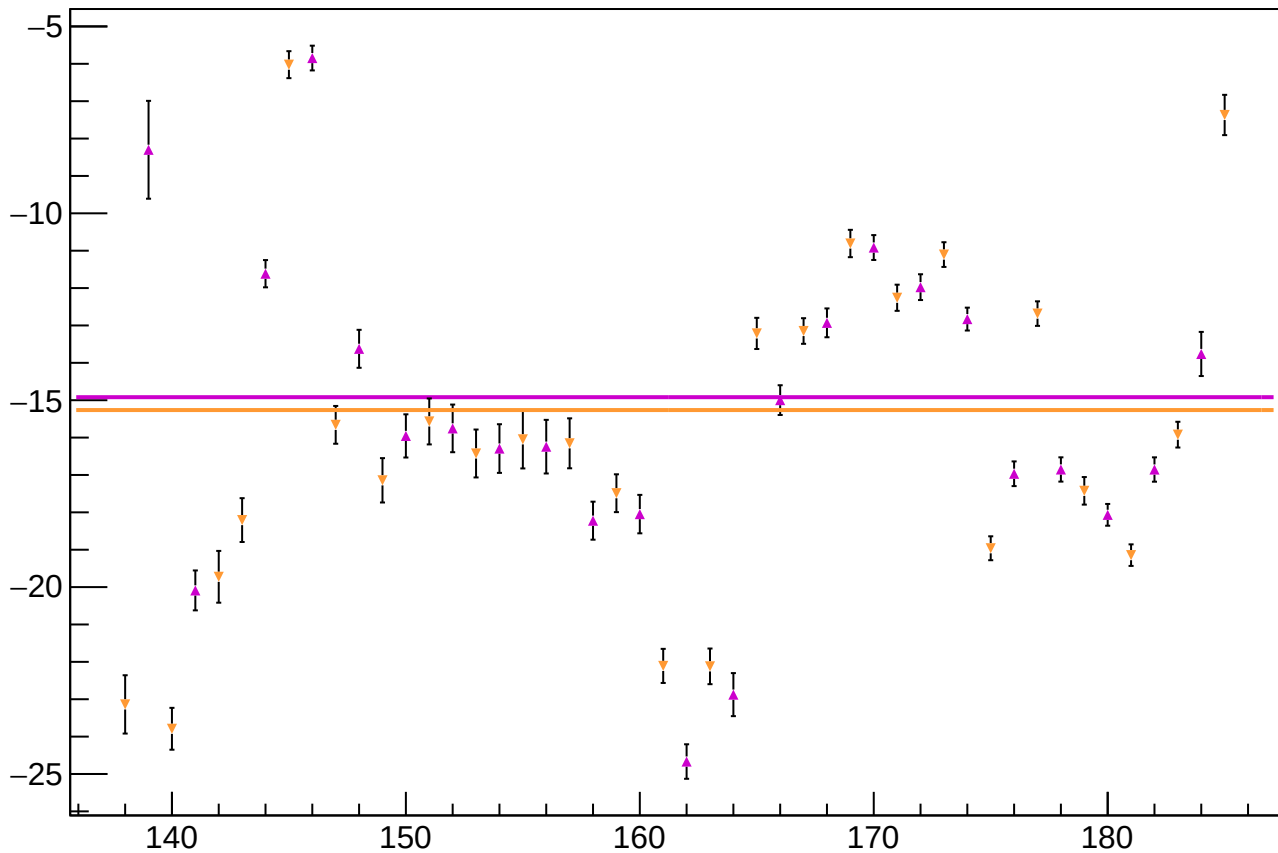
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.091+/-0.095 χ^2/NDF :14103.5/22

Out: -40.556+/-0.095 χ^2/NDF :15641.8/24

All: -40.325+/-0.067 χ^2/NDF : 29757.3/47

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.264+/-0.086 χ^2/NDF :2596.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -14.919+/-0.087 χ^2/NDF :2207.7/22

Left: -15.093+/-0.061 χ^2/NDF : 4811.8/47

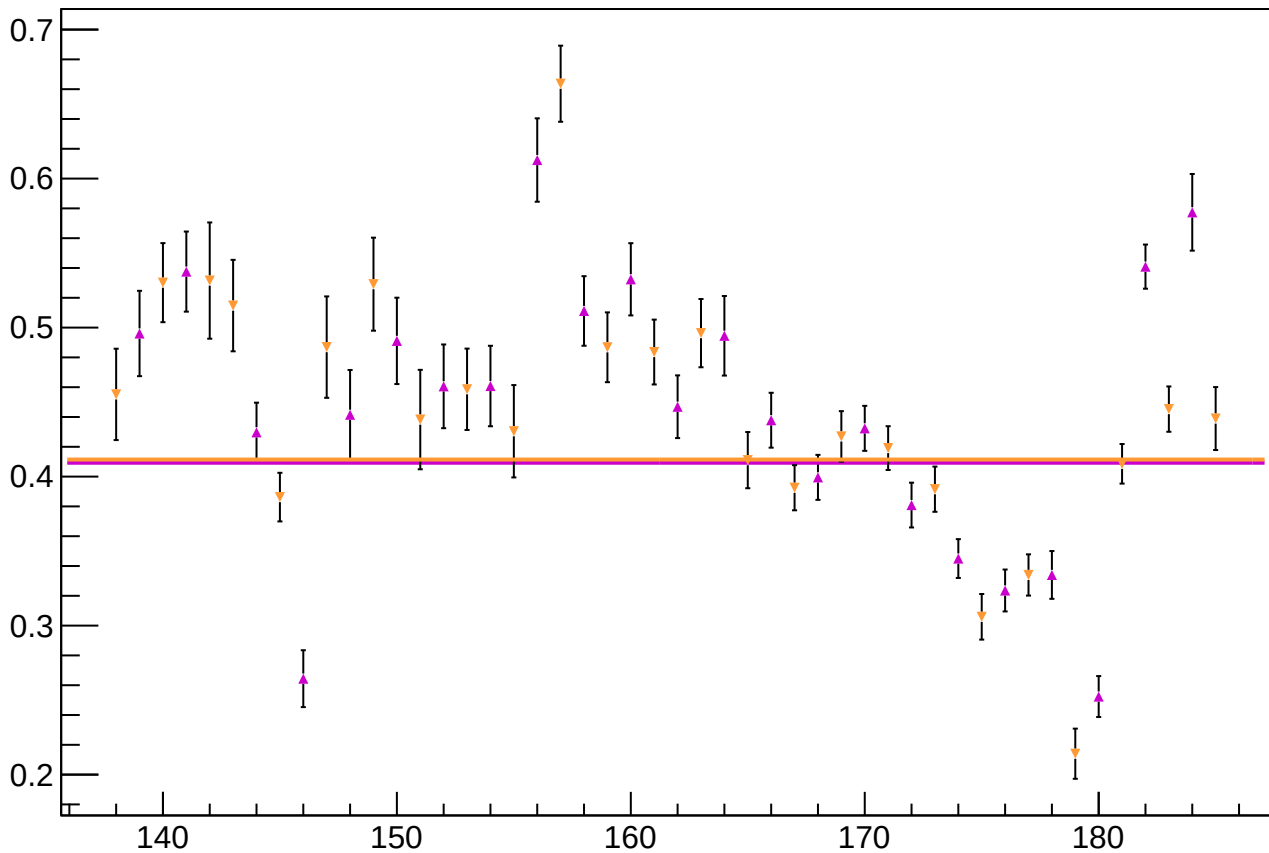
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -14.919+/-0.087 χ^2/NDF :2207.7/22

Out: -15.264+/-0.086 χ^2/NDF :2596.0/24

All: -15.093+/-0.061 χ^2/NDF : 4811.8/47

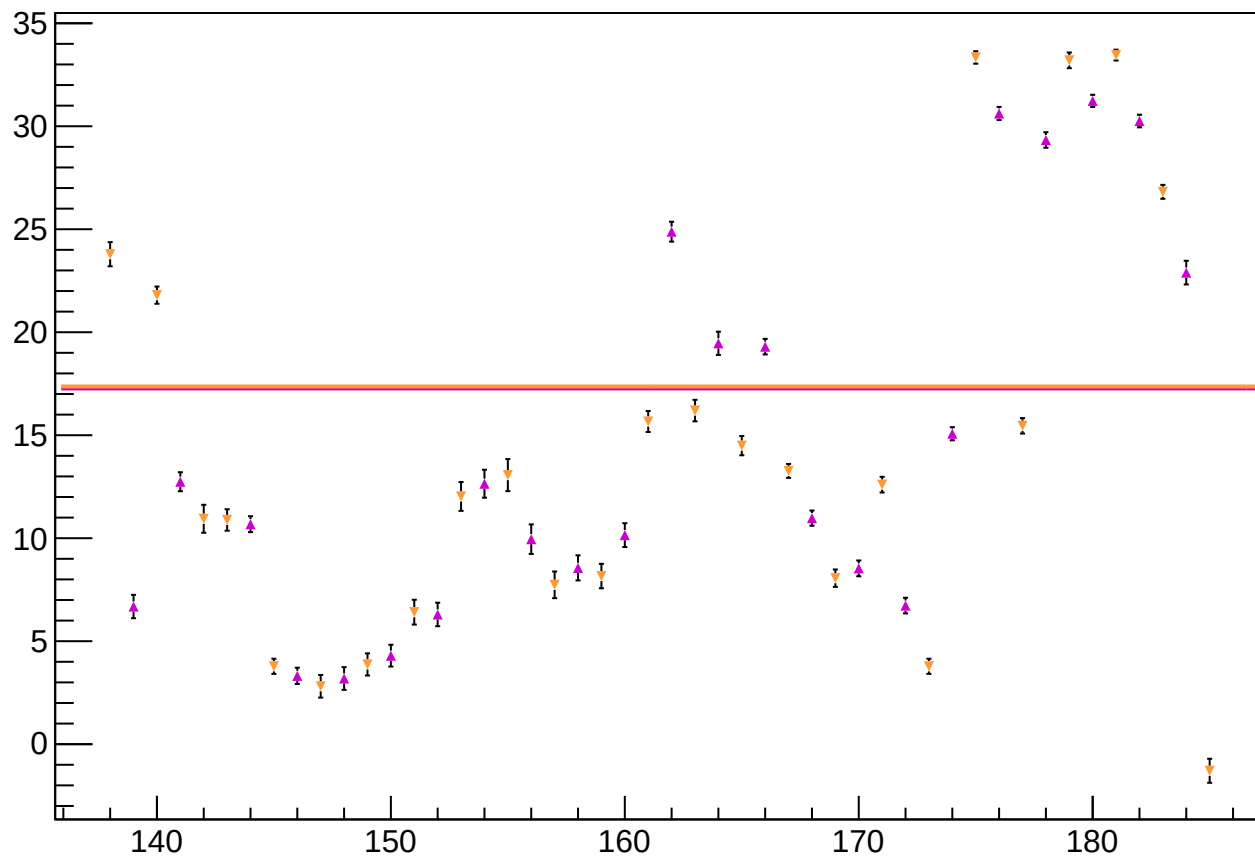
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22

Left: 0.410 $\pm$ 0.003 χ^2 /NDF: 990.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.409 $\pm$ 0.004 χ^2 /NDF:561.9/22
 Out: 0.411 $\pm$ 0.004 χ^2 /NDF:428.6/24
 All: 0.410 $\pm$ 0.003 χ^2 /NDF: 990.7/47

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 17.366+/-0.087 χ^2/NDF :16336.9/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Left: 17.319+/-0.062 χ^2/NDF : 29229.7/47

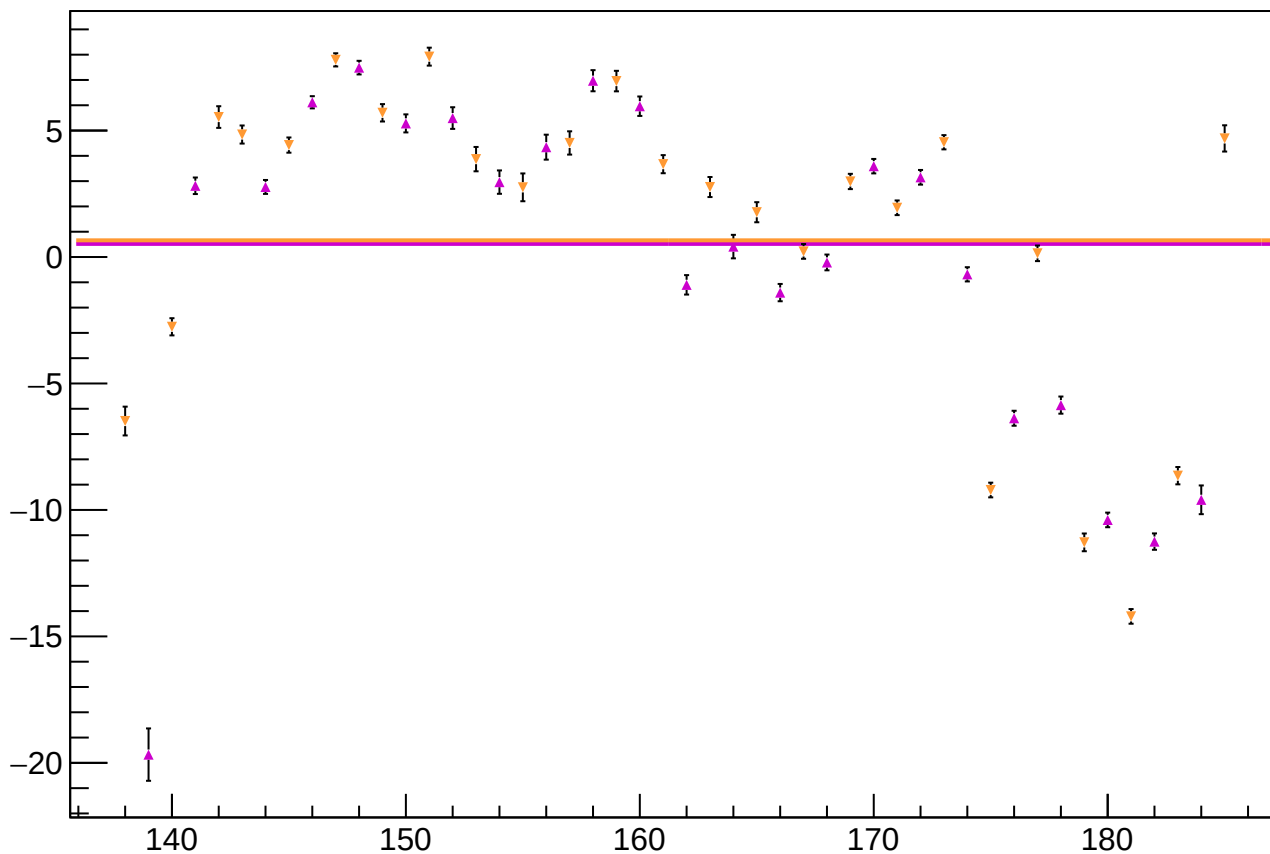
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 17.271+/-0.088 χ^2/NDF :12892.2/22

Out: 17.366+/-0.087 χ^2/NDF :16336.9/24

All: 17.319+/-0.062 χ^2/NDF : 29229.7/47

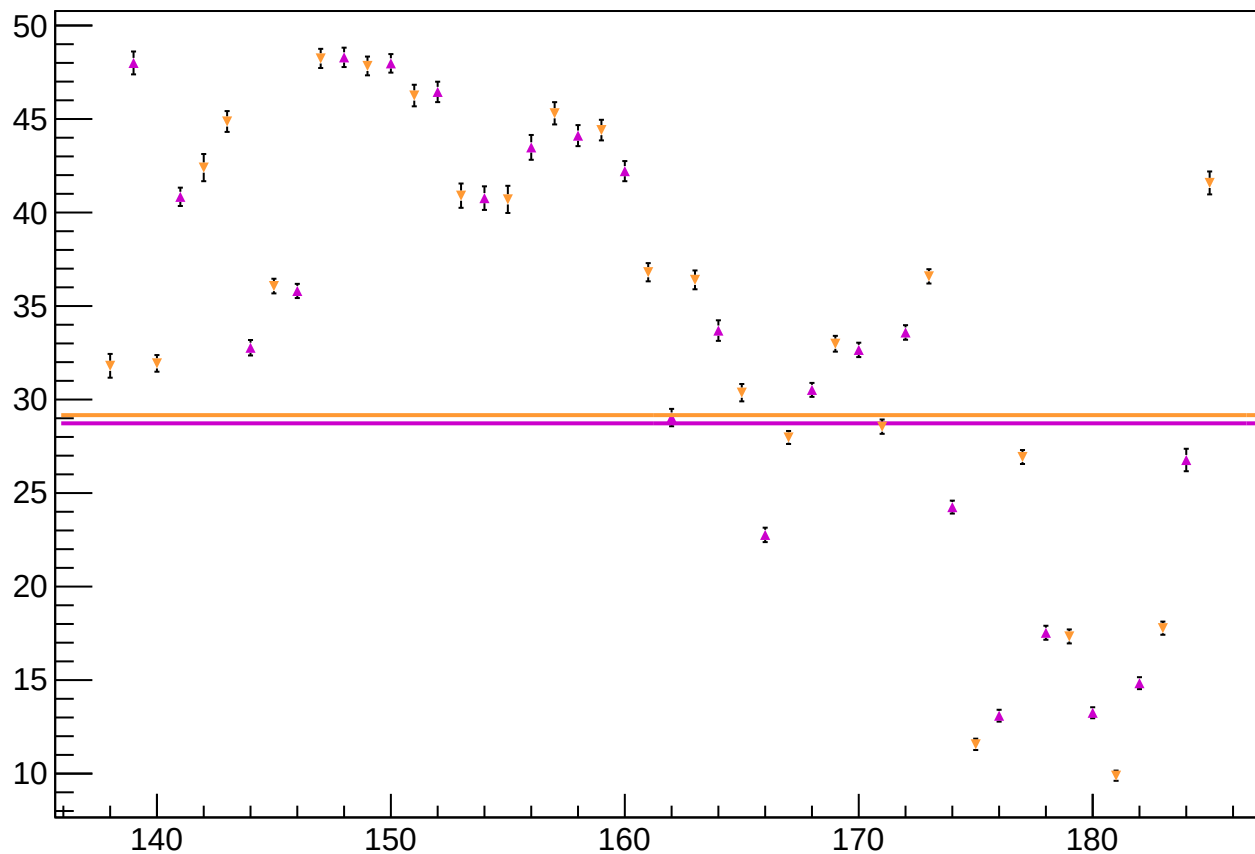
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.659+/-0.069 χ^2/NDF :8554.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.519+/-0.071 χ^2/NDF :6776.8/22

Left: 0.591+/-0.049 χ^2/NDF : 15332.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.519+/-0.071 χ^2/NDF :6776.8/22
 Out: 0.659+/-0.069 χ^2/NDF :8554.0/24
 All: 0.591+/-0.049 χ^2/NDF : 15332.9/47

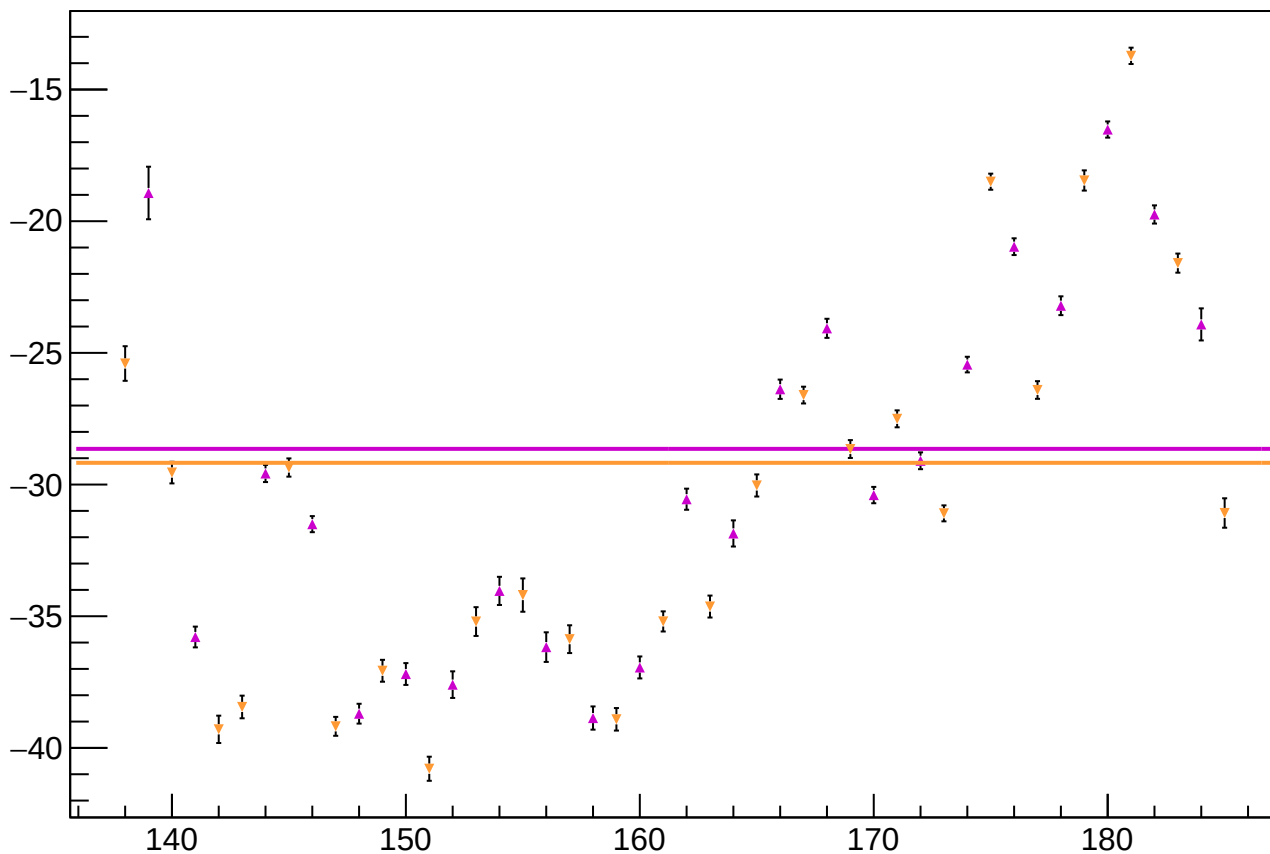
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.167 $\pm$ 0.088 χ^2 /NDF:18975.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22

Left: 28.950 $\pm$ 0.062 χ^2 /NDF: 36025.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 28.728 $\pm$ 0.089 χ^2 /NDF:17037.4/22
 Out: 29.167 $\pm$ 0.088 χ^2 /NDF:18975.7/24
 All: 28.950 $\pm$ 0.062 χ^2 /NDF: 36025.5/47

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -29.174+/-0.078 χ^2/NDF : 9083.4/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -28.645+/-0.080 χ^2/NDF : 6693.5/22

Left: -28.914+/-0.056 χ^2/NDF : 15799.5/47

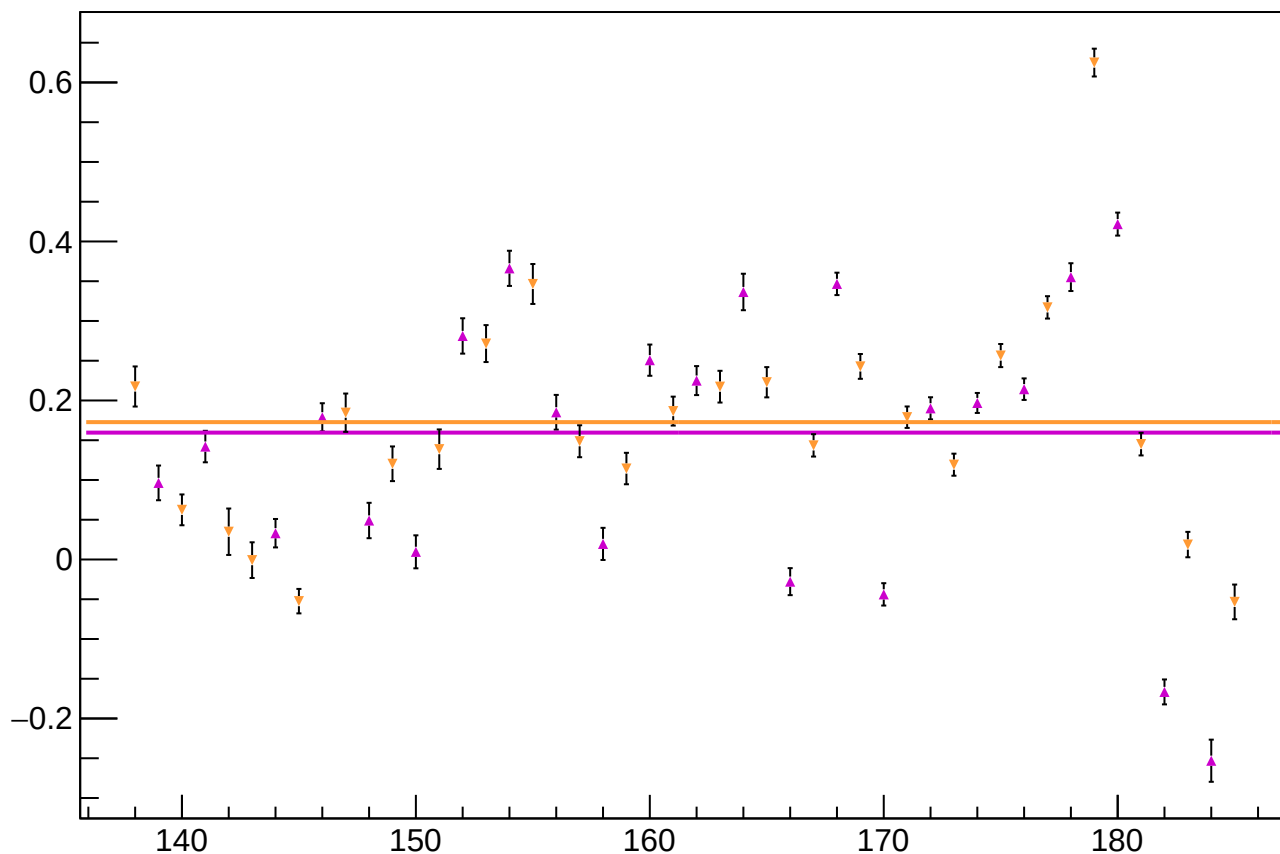
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.645+/-0.080 χ^2/NDF : 6693.5/22

Out: -29.174+/-0.078 χ^2/NDF : 9083.4/24

All: -28.914+/-0.056 χ^2/NDF : 15799.5/47

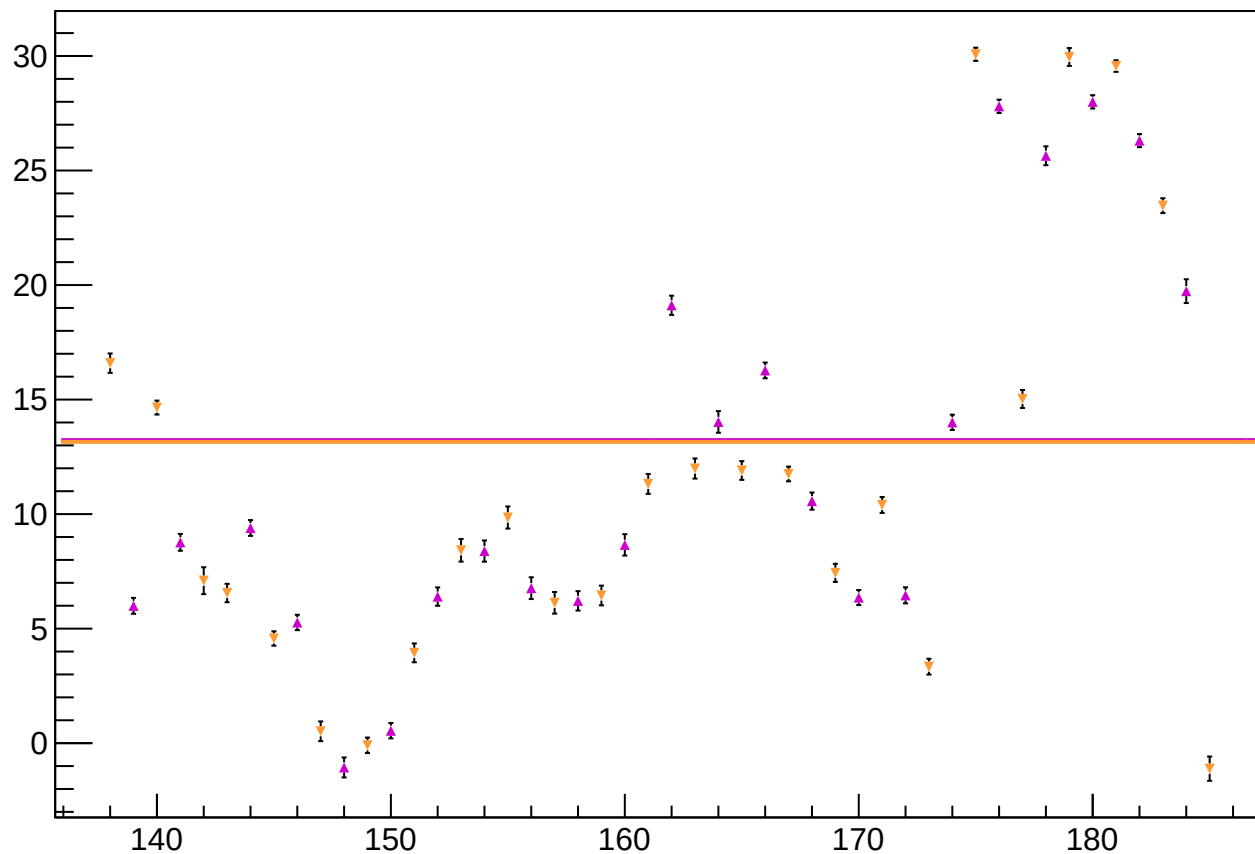
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1478.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22

Left: 0.166 $\pm$ 0.003 χ^2 /NDF: 3549.1/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.160 $\pm$ 0.004 χ^2 /NDF:2063.7/22
 Out: 0.173 $\pm$ 0.004 χ^2 /NDF:1478.7/24
 All: 0.166 $\pm$ 0.003 χ^2 /NDF: 3549.1/47

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 13.153+/-0.075 χ^2/NDF :17079.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Left: 13.190+/-0.054 χ^2/NDF : 31206.0/47

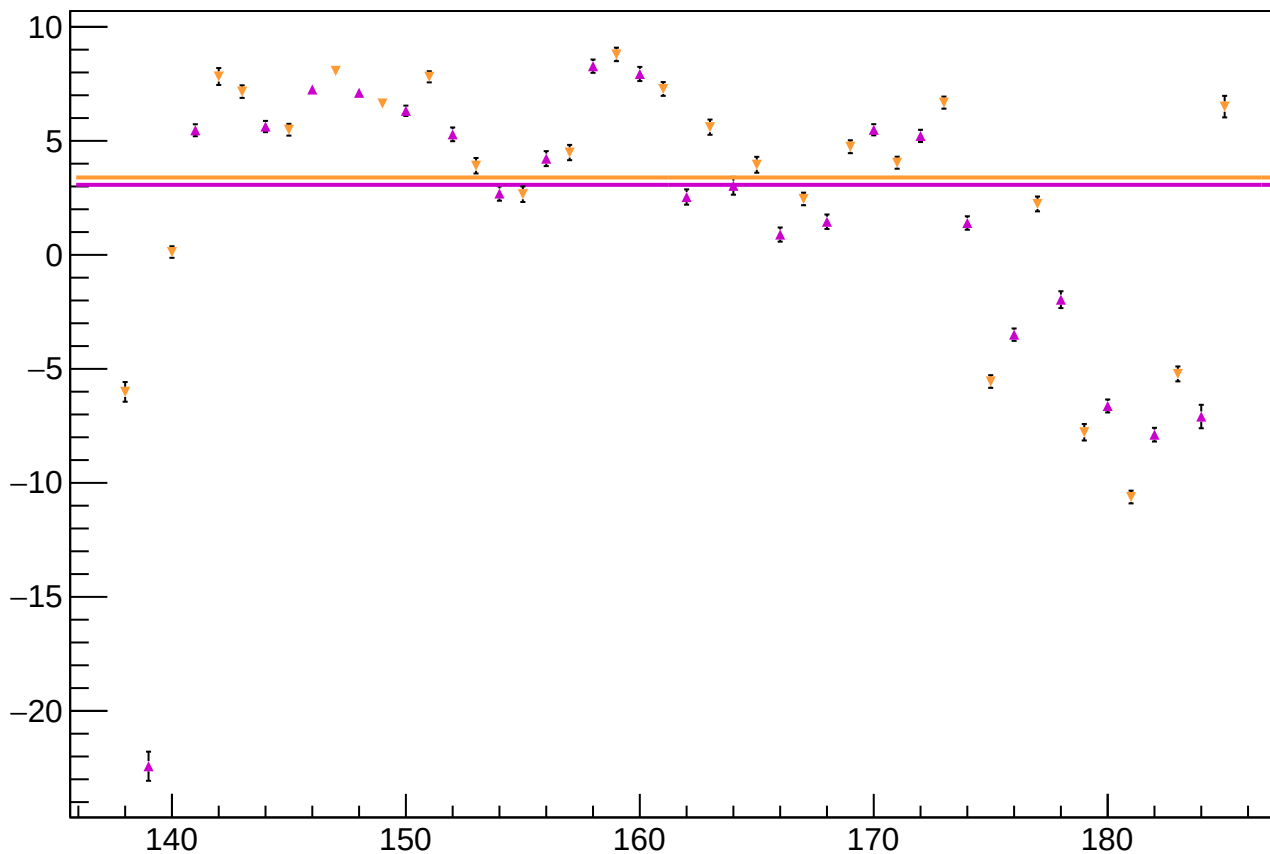
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 13.228+/-0.077 χ^2/NDF :14126.1/22

Out: 13.153+/-0.075 χ^2/NDF :17079.4/24

All: 13.190+/-0.054 χ^2/NDF : 31206.0/47

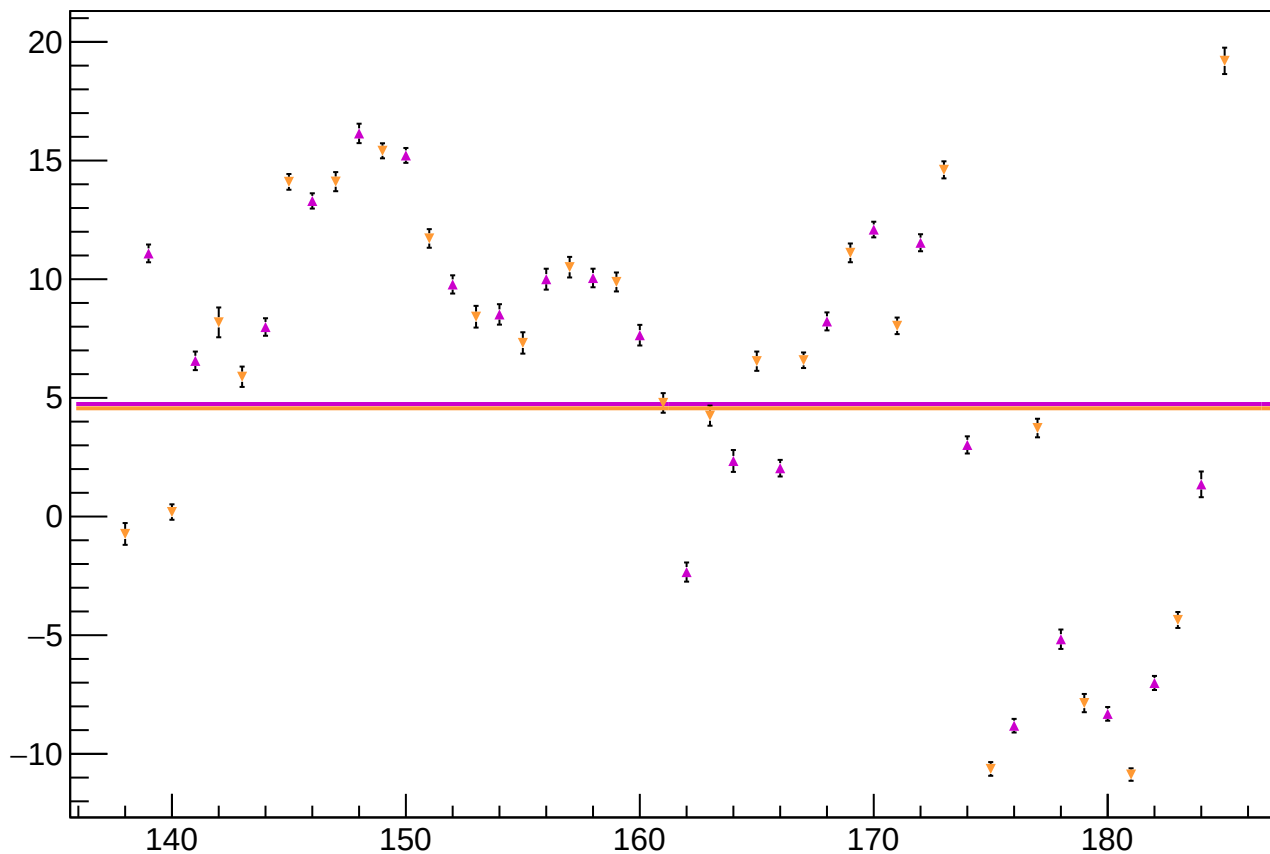
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.394 $\pm$ 0.058 χ^2 /NDF:8102.0/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22

Left: 3.238 $\pm$ 0.042 χ^2 /NDF: 15385.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.071 $\pm$ 0.060 χ^2 /NDF:7269.0/22
 Out: 3.394 $\pm$ 0.058 χ^2 /NDF:8102.0/24
 All: 3.238 $\pm$ 0.042 χ^2 /NDF: 15385.9/47

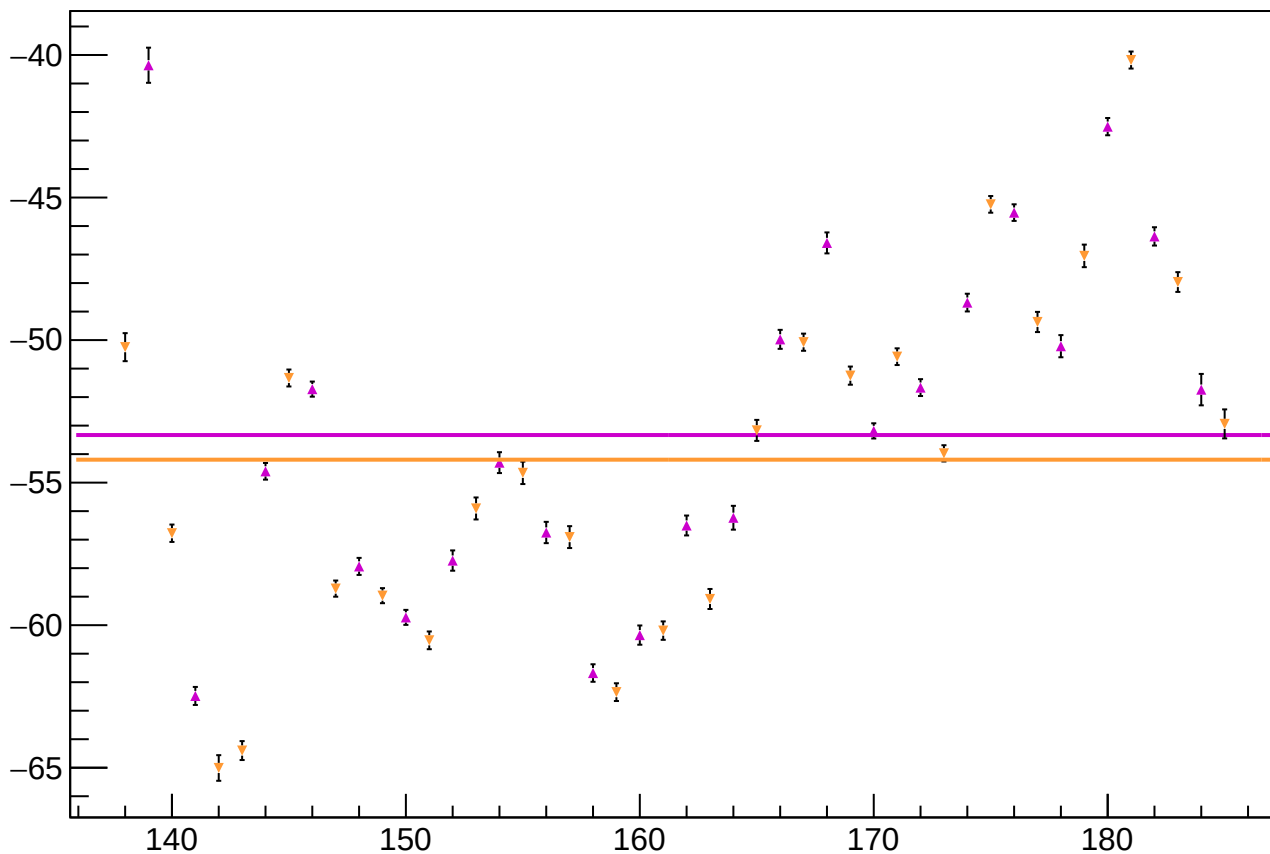
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.561 $\pm$ 0.075 χ^2 /NDF:13591.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22

Left: 4.650 $\pm$ 0.054 χ^2 /NDF: 25012.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.741 $\pm$ 0.076 χ^2 /NDF:11418.2/22
 Out: 4.561 $\pm$ 0.075 χ^2 /NDF:13591.7/24
 All: 4.650 $\pm$ 0.054 χ^2 /NDF: 25012.7/47

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -54.195+/-0.066 χ^2/NDF :8459.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.330+/-0.068 χ^2/NDF :6940.2/22

Left: -53.775+/-0.048 χ^2/NDF : 15482.0/47

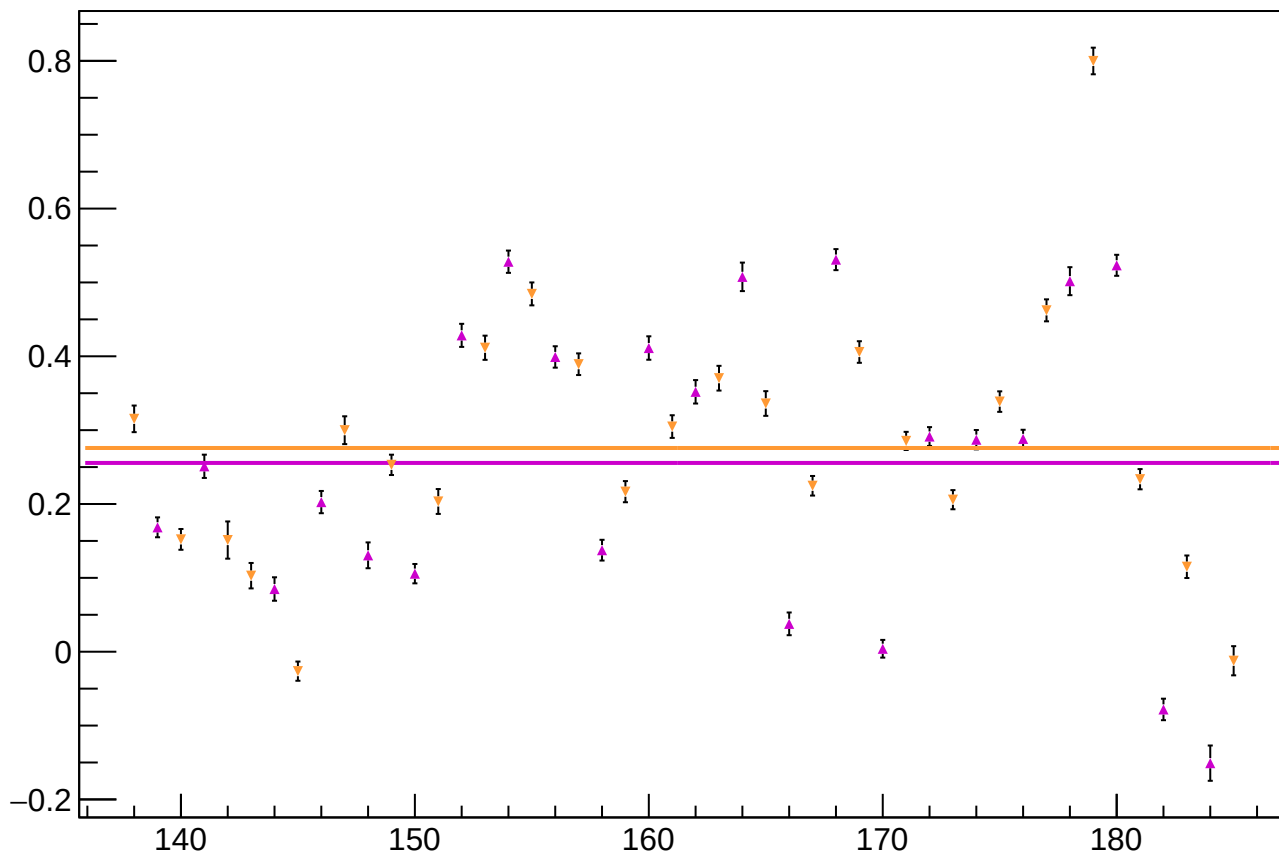
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.330+/-0.068 χ^2/NDF :6940.2/22

Out: -54.195+/-0.066 χ^2/NDF :8459.4/24

All: -53.775+/-0.048 χ^2/NDF : 15482.0/47

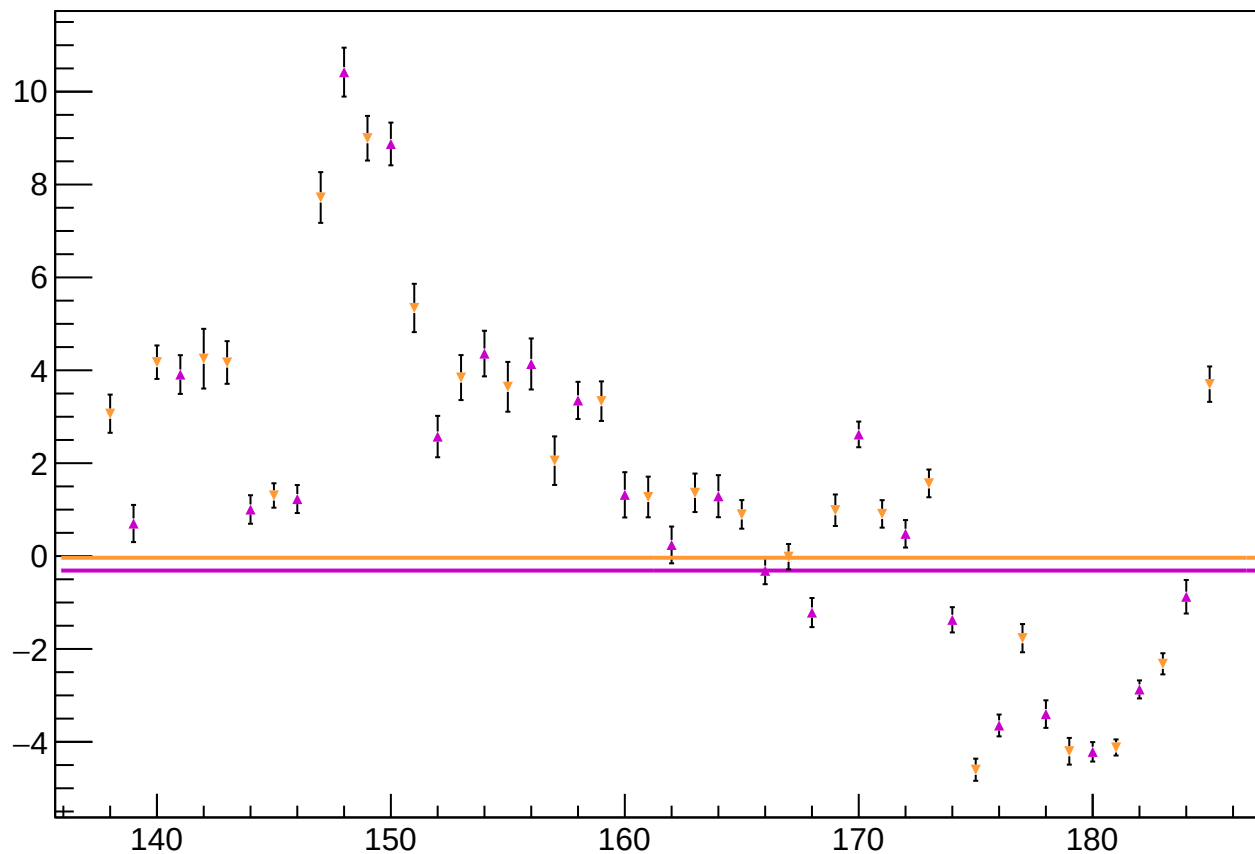
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.276 $\pm$ 0.003 χ^2 /NDF:2623.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22

Left: 0.266 $\pm$ 0.002 χ^2 /NDF: 6289.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.256 $\pm$ 0.003 χ^2 /NDF:3644.0/22
 Out: 0.276 $\pm$ 0.003 χ^2 /NDF:2623.8/24
 All: 0.266 $\pm$ 0.002 χ^2 /NDF: 6289.5/47

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.036 $\pm$ 0.066 χ^2 /NDF:2637.7/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22

Left: -0.172 $\pm$ 0.047 χ^2 /NDF: 4898.9/47

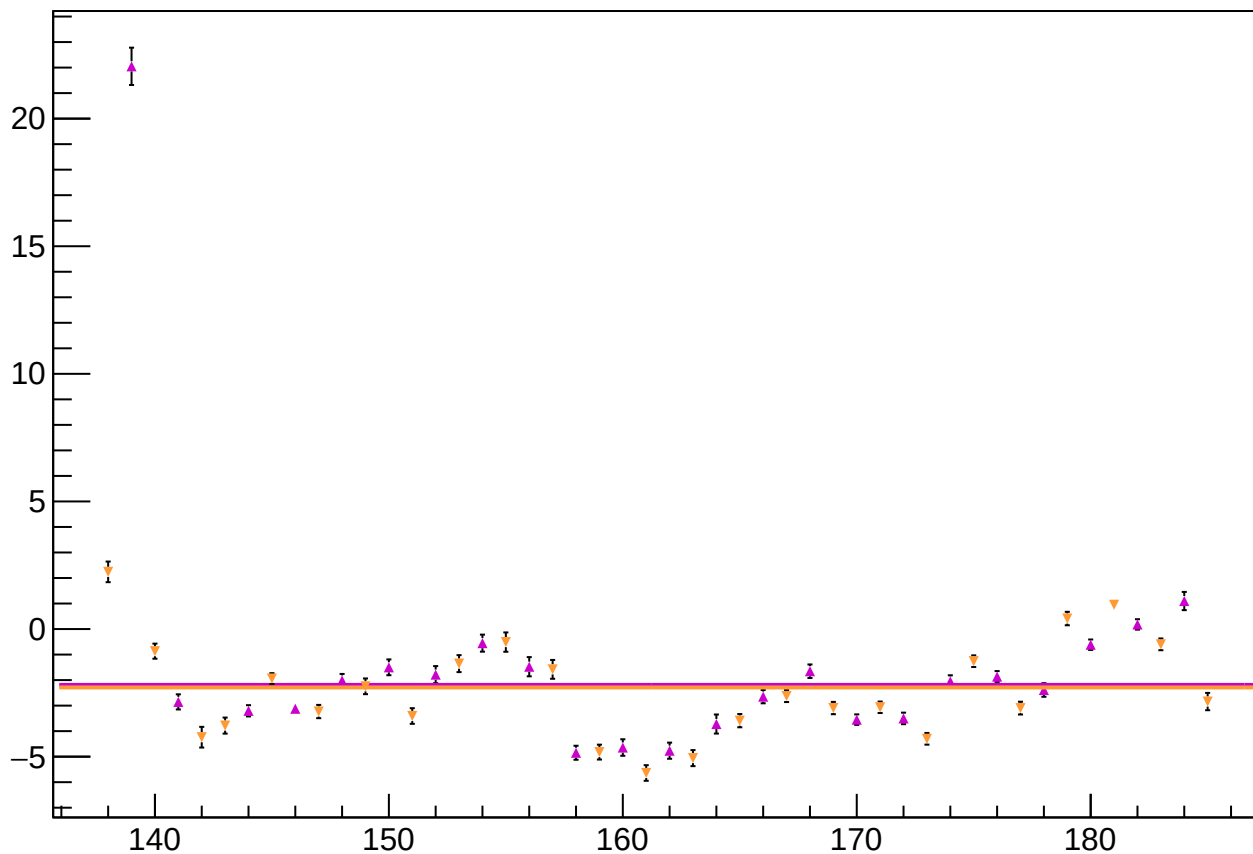
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.312 $\pm$ 0.067 χ^2 /NDF:2252.6/22

Out: -0.036 $\pm$ 0.066 χ^2 /NDF:2637.7/24

All: -0.172 $\pm$ 0.047 χ^2 /NDF: 4898.9/47

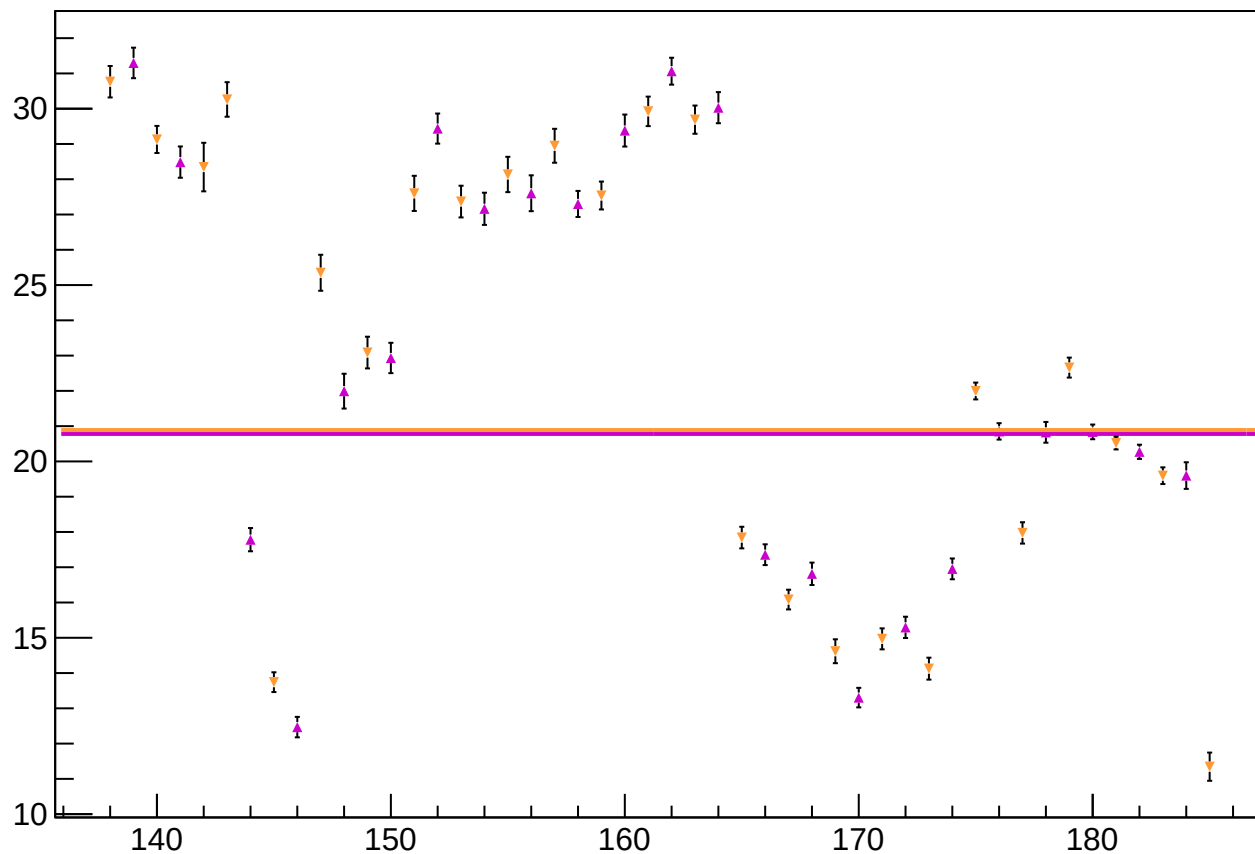
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.288+/-0.054 χ^2/NDF :1137.6/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.190+/-0.055 χ^2/NDF :1785.1/22

Left: -2.240+/-0.039 χ^2/NDF : 2924.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.190+/-0.055 χ^2/NDF :1785.1/22
 Out: -2.288+/-0.054 χ^2/NDF :1137.6/24
 All: -2.240+/-0.039 χ^2/NDF : 2924.3/47

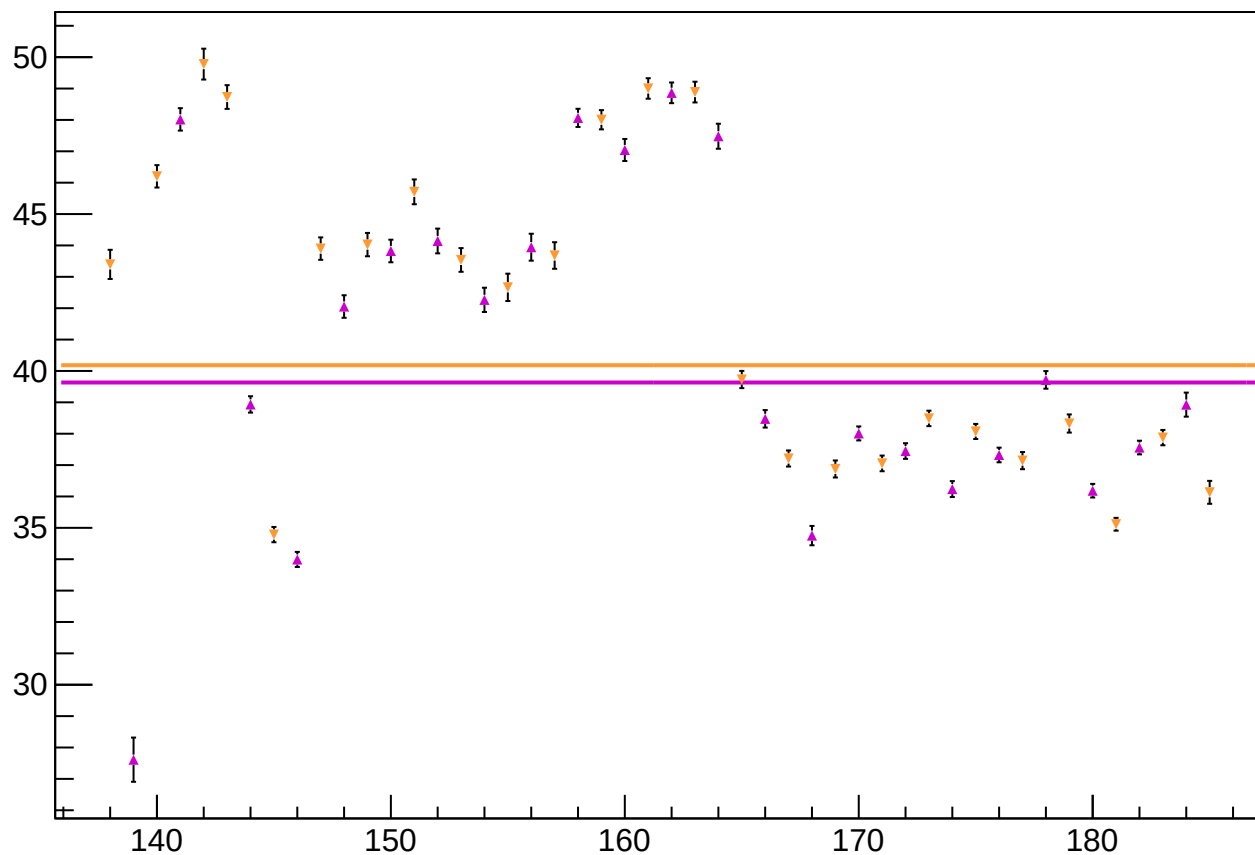
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.889+/-0.067 χ^2/NDF : 6661.6/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.780+/-0.067 χ^2/NDF : 5988.0/22

Left: 20.835+/-0.047 χ^2/NDF : 12650.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.780+/-0.067 χ^2/NDF : 5988.0/22
 Out: 20.889+/-0.067 χ^2/NDF : 6661.6/24
 All: 20.835+/-0.047 χ^2/NDF : 12650.9/47

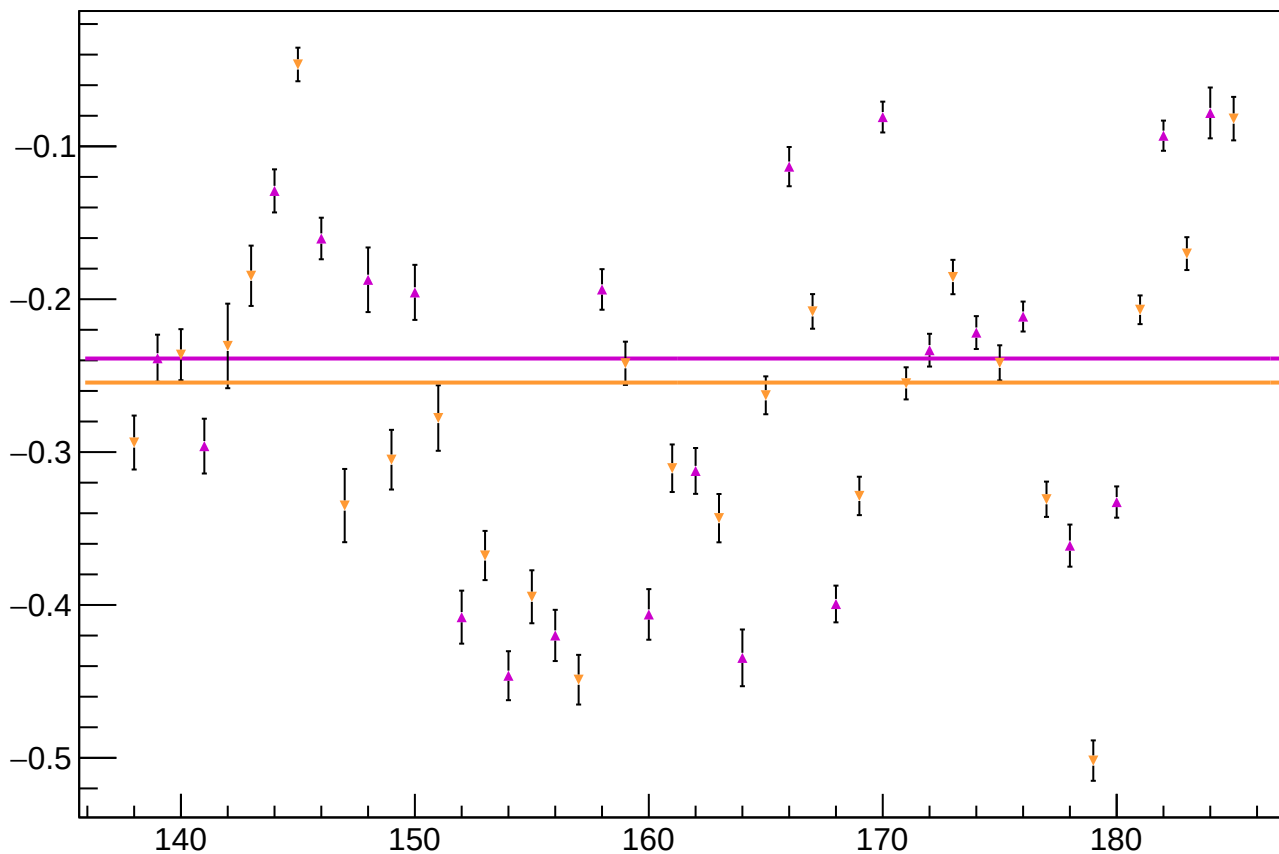
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 40.183+/-0.060 χ^2/NDF : 5936.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 39.632+/-0.061 χ^2/NDF : 5343.3/22

Left: 39.912+/-0.043 χ^2/NDF : 11320.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 39.632+/-0.061 χ^2/NDF : 5343.3/22
 Out: 40.183+/-0.060 χ^2/NDF : 5936.0/24
 All: 39.912+/-0.043 χ^2/NDF : 11320.3/47

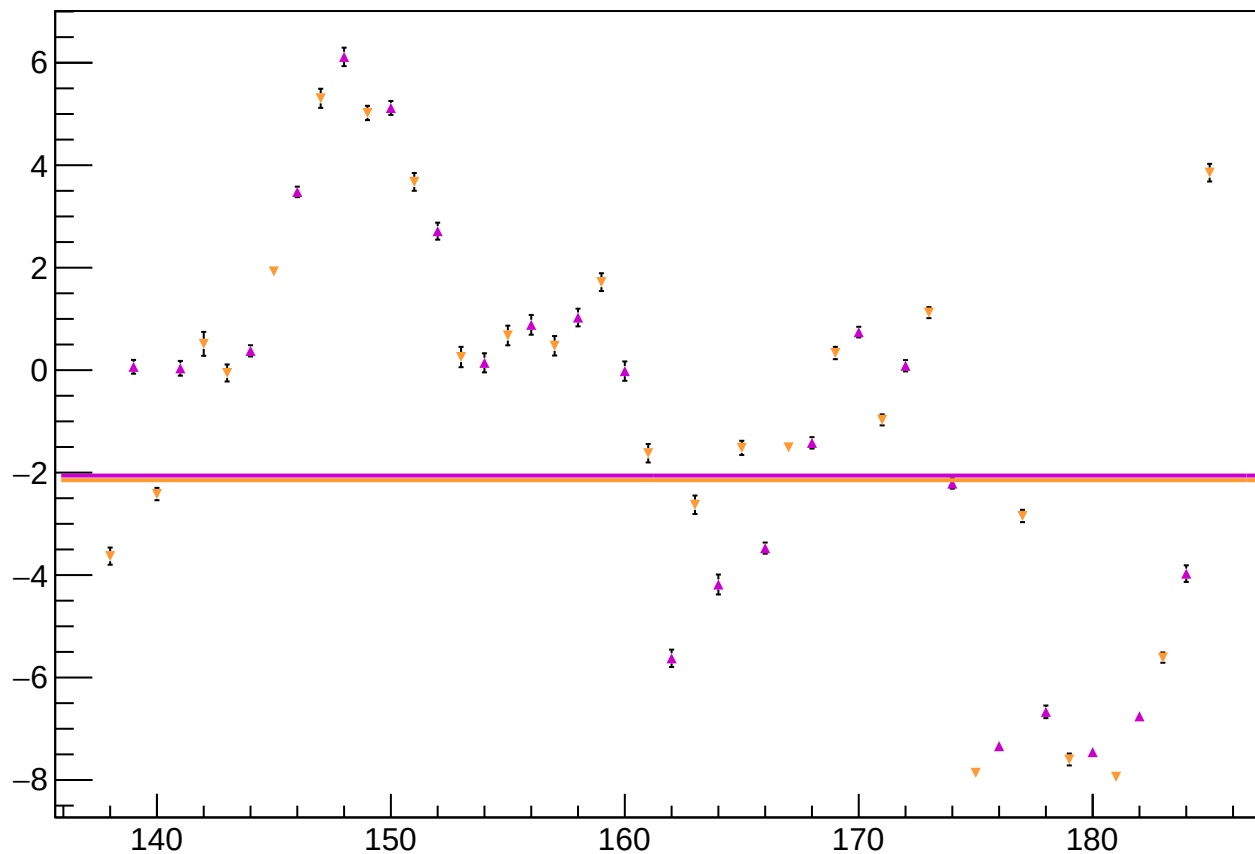
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1420.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.0/22

Left: -0.247 $\pm$ 0.002 χ^2 /NDF: 3186.8/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.239 $\pm$ 0.003 χ^2 /NDF:1750.0/22
 Out: -0.255 $\pm$ 0.003 χ^2 /NDF:1420.5/24
 All: -0.247 $\pm$ 0.002 χ^2 /NDF: 3186.8/47

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



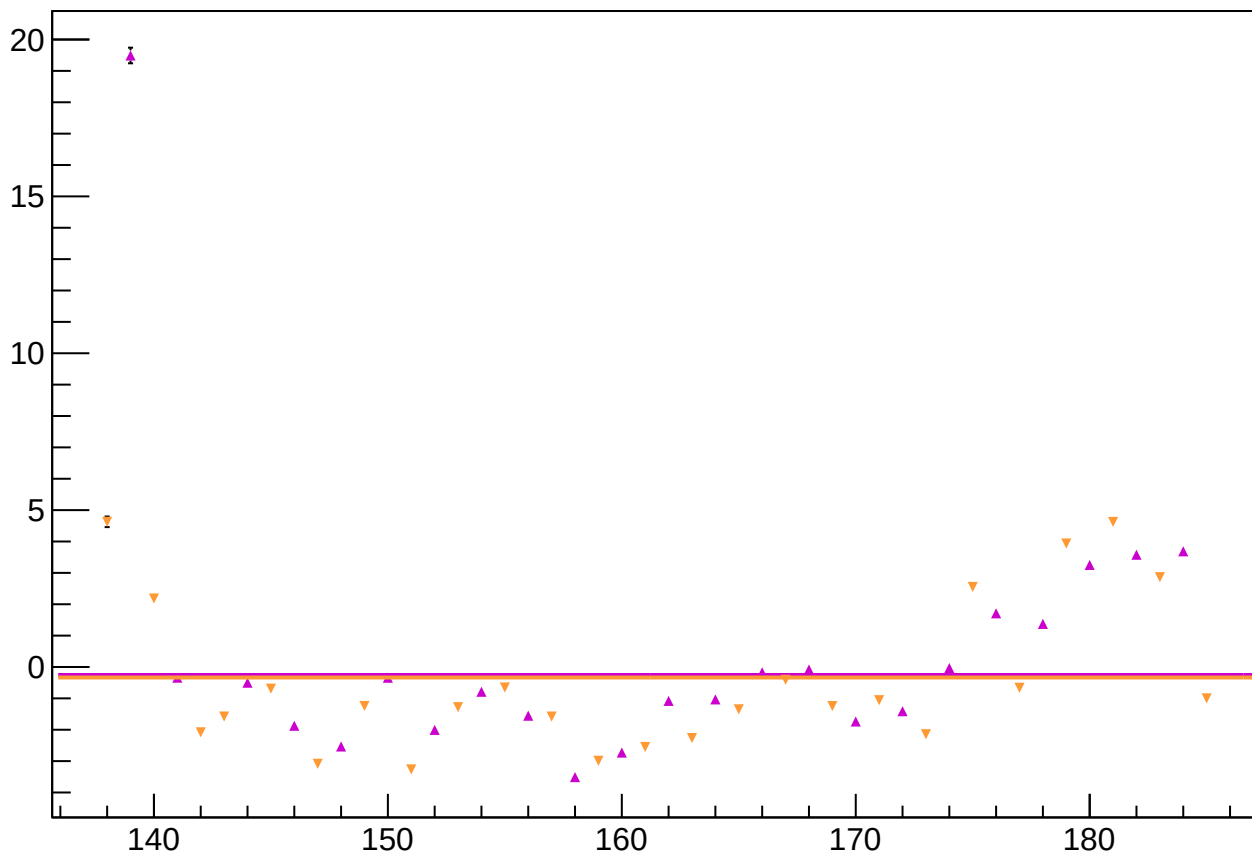
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -2.148 $\pm$ 0.026 χ^2 /NDF:24536.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.058 $\pm$ 0.026 χ^2 /NDF:23343.8/22

Left: -2.103 $\pm$ 0.018 χ^2 /NDF: 47886.5/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -2.058 $\pm$ 0.026 χ^2 /NDF:23343.8/22
 Out: -2.148 $\pm$ 0.026 χ^2 /NDF:24536.6/24

All: -2.103 $\pm$ 0.018 χ^2 /NDF: 47886.5/47

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



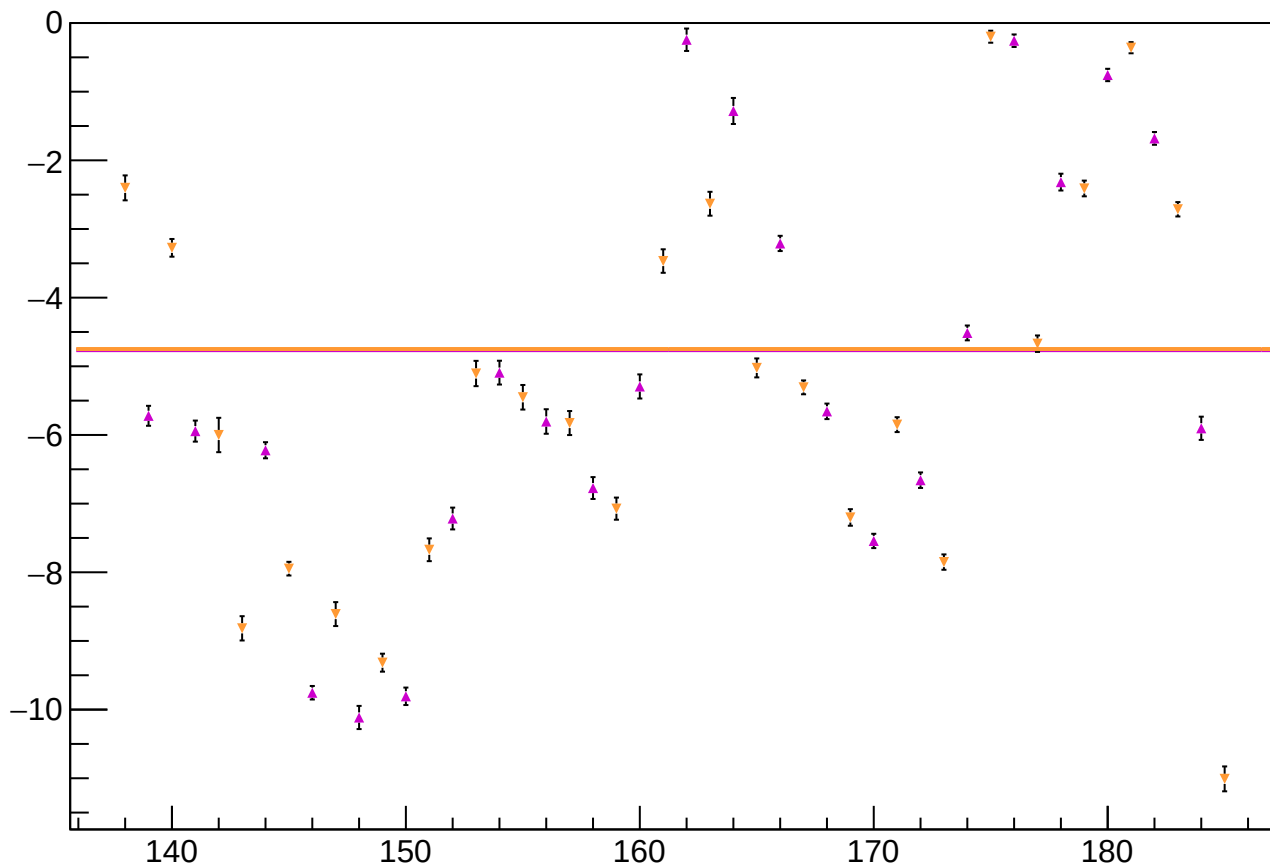
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.335+/-0.021 χ^2/NDF :12595.9/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.255+/-0.021 χ^2/NDF :14162.0/22

Left: -0.295+/-0.015 χ^2/NDF : 26765.3/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.255+/-0.021 χ^2/NDF :14162.0/22
 Out: -0.335+/-0.021 χ^2/NDF :12595.9/24

All: -0.295+/-0.015 χ^2/NDF : 26765.3/47

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



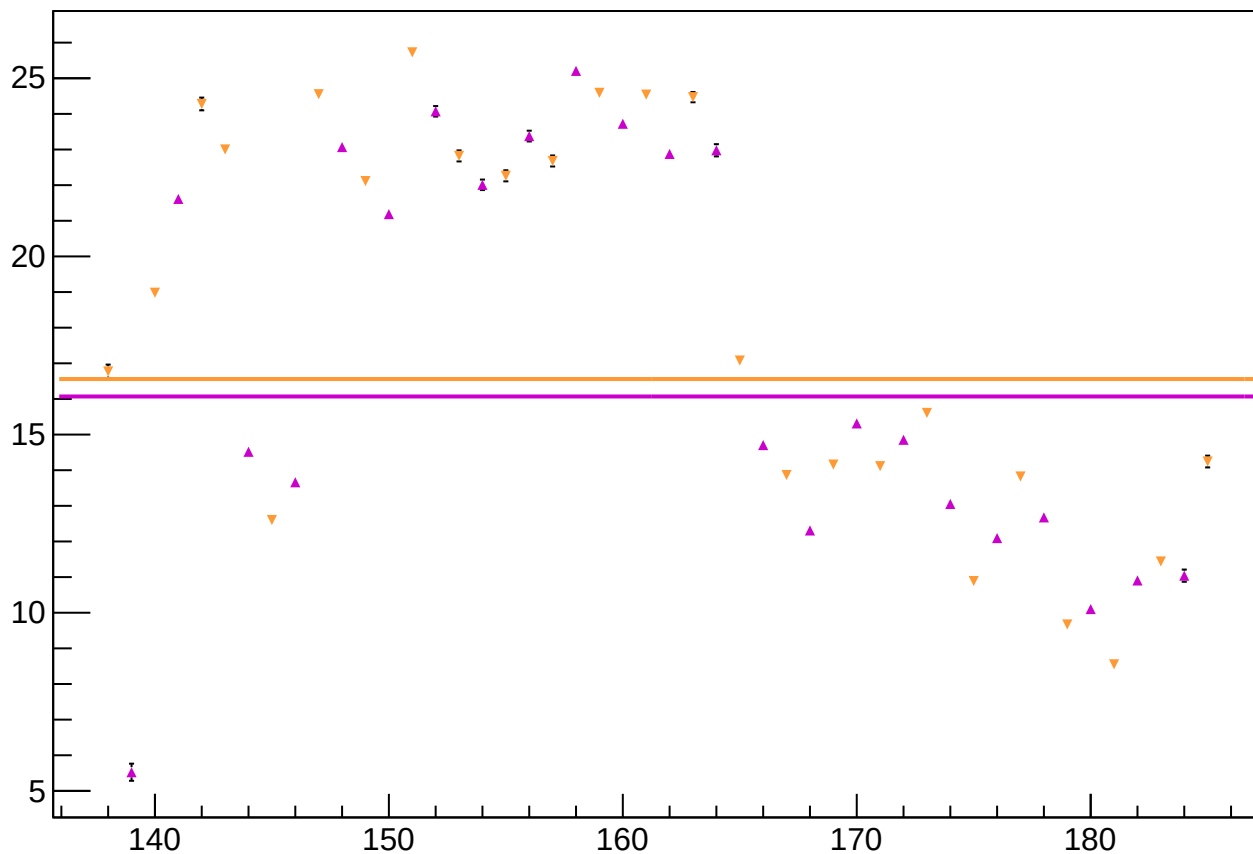
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.748+/-0.026 χ^2/NDF :13290.0/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.764+/-0.026 χ^2/NDF :14163.2/22

Left: -4.756+/-0.018 χ^2/NDF : 27453.4/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.764+/-0.026 χ^2/NDF :14163.2/22
 Out: -4.748+/-0.026 χ^2/NDF :13290.0/24

All: -4.756+/-0.018 χ^2/NDF : 27453.4/47

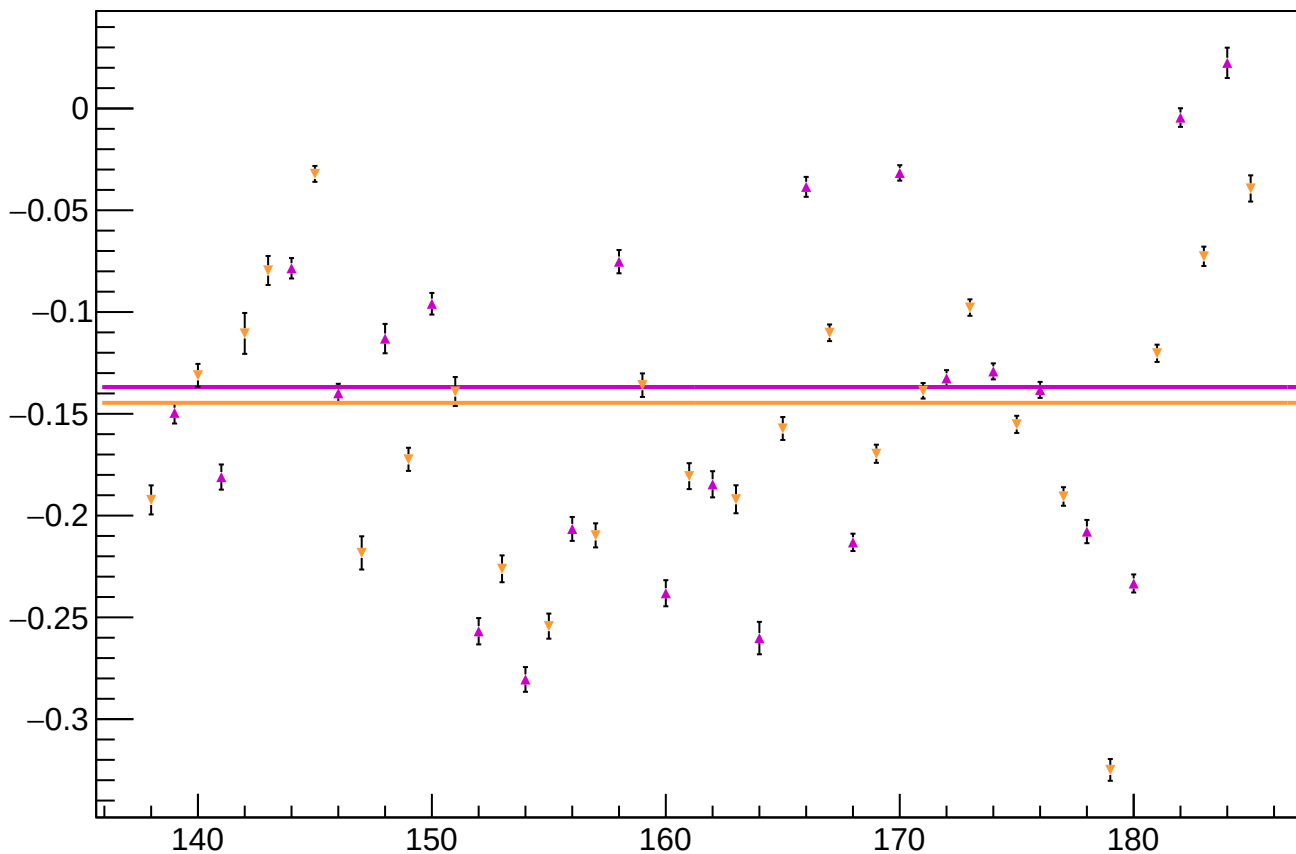
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 16.559 $\pm$ 0.023 χ^2 /NDF:53882.5/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22

Left: 16.318 $\pm$ 0.016 χ^2 /NDF: 96839.7/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 16.069 $\pm$ 0.023 χ^2 /NDF:42736.3/22
 Out: 16.559 $\pm$ 0.023 χ^2 /NDF:53882.5/24
 All: 16.318 $\pm$ 0.016 χ^2 /NDF: 96839.7/47

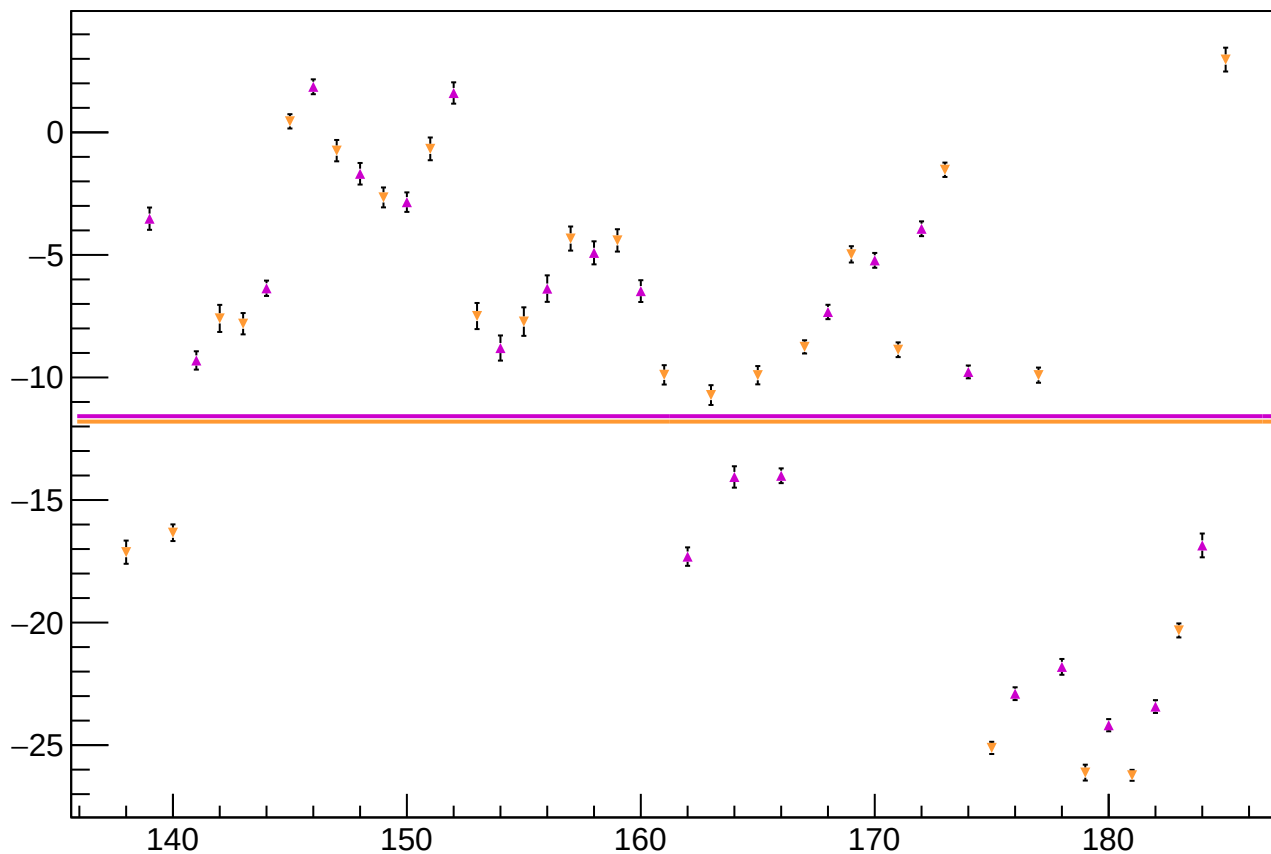
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.145 $\pm$ 0.001 χ^2 /NDF:3770.6/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22

Left: -0.141 $\pm$ 0.001 χ^2 /NDF: 9180.9/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.137 $\pm$ 0.001 χ^2 /NDF:5383.4/22
 Out: -0.145 $\pm$ 0.001 χ^2 /NDF:3770.6/24
 All: -0.141 $\pm$ 0.001 χ^2 /NDF: 9180.9/47

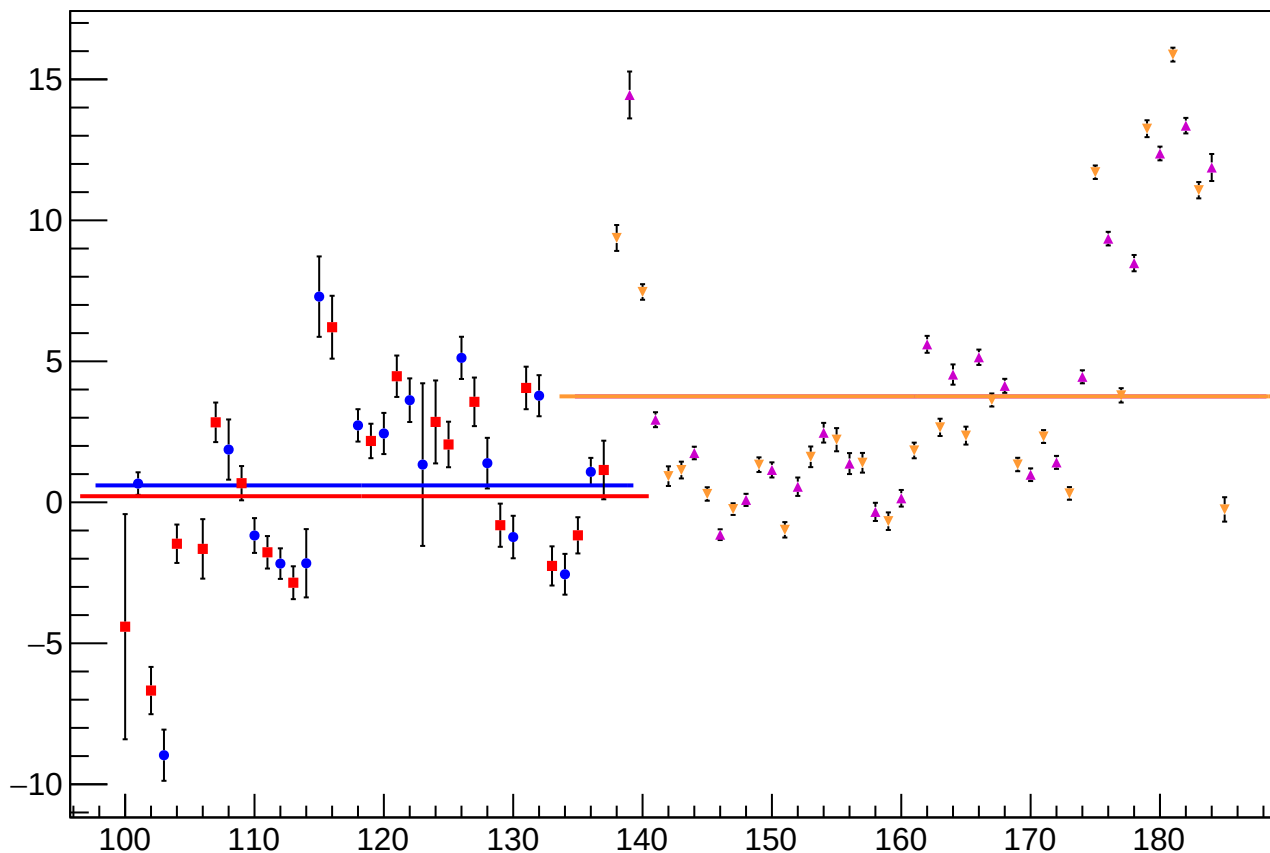
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.800+/-0.070 χ^2/NDF :17307.4/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.580+/-0.071 χ^2/NDF :14243.6/22

Left: -11.692+/-0.050 χ^2/NDF : 31555.9/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.580+/-0.071 χ^2/NDF :14243.6/22
 Out: -11.800+/-0.070 χ^2/NDF :17307.4/24
 All: -11.692+/-0.050 χ^2/NDF : 31555.9/47

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2/NDF : 291.9/16

Left Out: 3.757 $\pm$ 0.055 χ^2/NDF :7450.6/24

Right Out: 0.216 $\pm$ 0.175 χ^2/NDF : 274.5/18

Left In: 3.755 $\pm$ 0.056 χ^2/NDF :5655.2/22

Left: 3.756 $\pm$ 0.040 χ^2/NDF : 13105.8/47

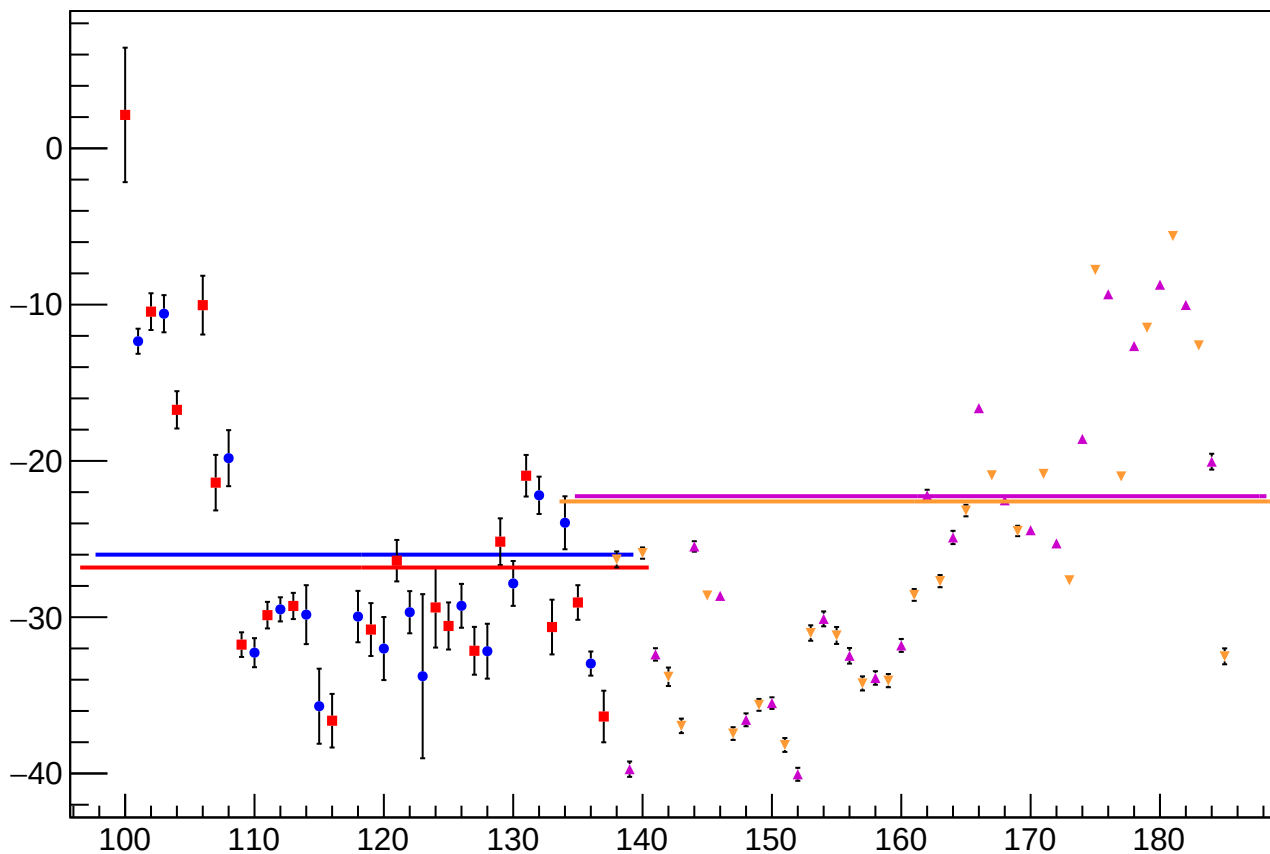
Right: 0.414 $\pm$ 0.122 χ^2/NDF : 568.9/35

In: 3.440 $\pm$ 0.054 χ^2/NDF :6260.0/39

Out: 3.433 $\pm$ 0.053 χ^2/NDF :8098.8/43

All: 3.436 $\pm$ 0.038 χ^2/NDF : 14358.8/83

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16

Left Out: -22.593 ± 0.071 χ^2/NDF : 19935.6/24

Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18

Left In: -22.258 ± 0.071 χ^2/NDF : 17838.4/22

Left: -22.427 ± 0.050 χ^2/NDF : 37785.1/47

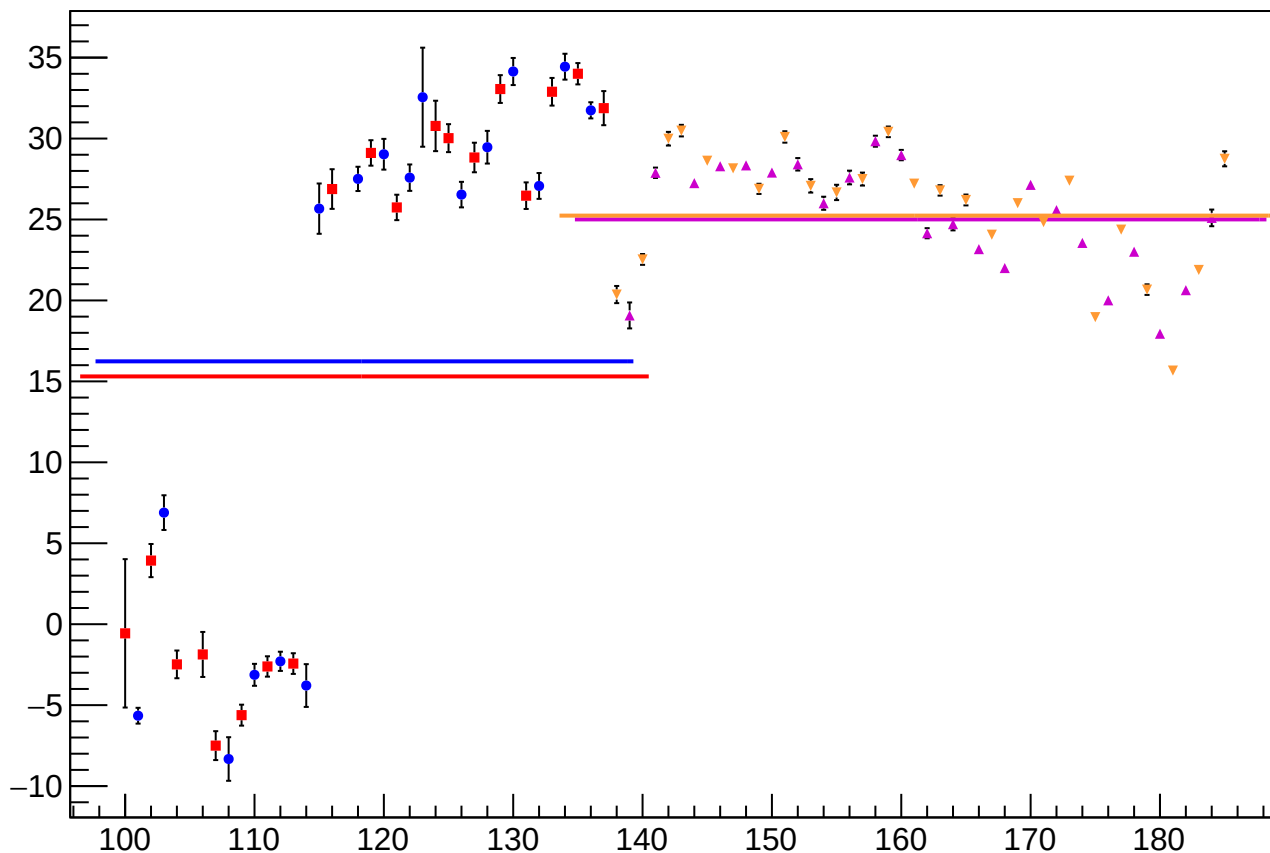
Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35

In: -22.458 ± 0.069 χ^2/NDF : 18678.0/39

Out: -22.819 ± 0.069 χ^2/NDF : 20707.7/43

All: -22.640 ± 0.049 χ^2/NDF : 39399.3/83

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.240 $\pm$ 0.063 χ^2 /NDF: 3787.4/24

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 25.005 $\pm$ 0.064 χ^2 /NDF: 2733.7/22

Left: 25.124 $\pm$ 0.045 χ^2 /NDF: 6528.0/47

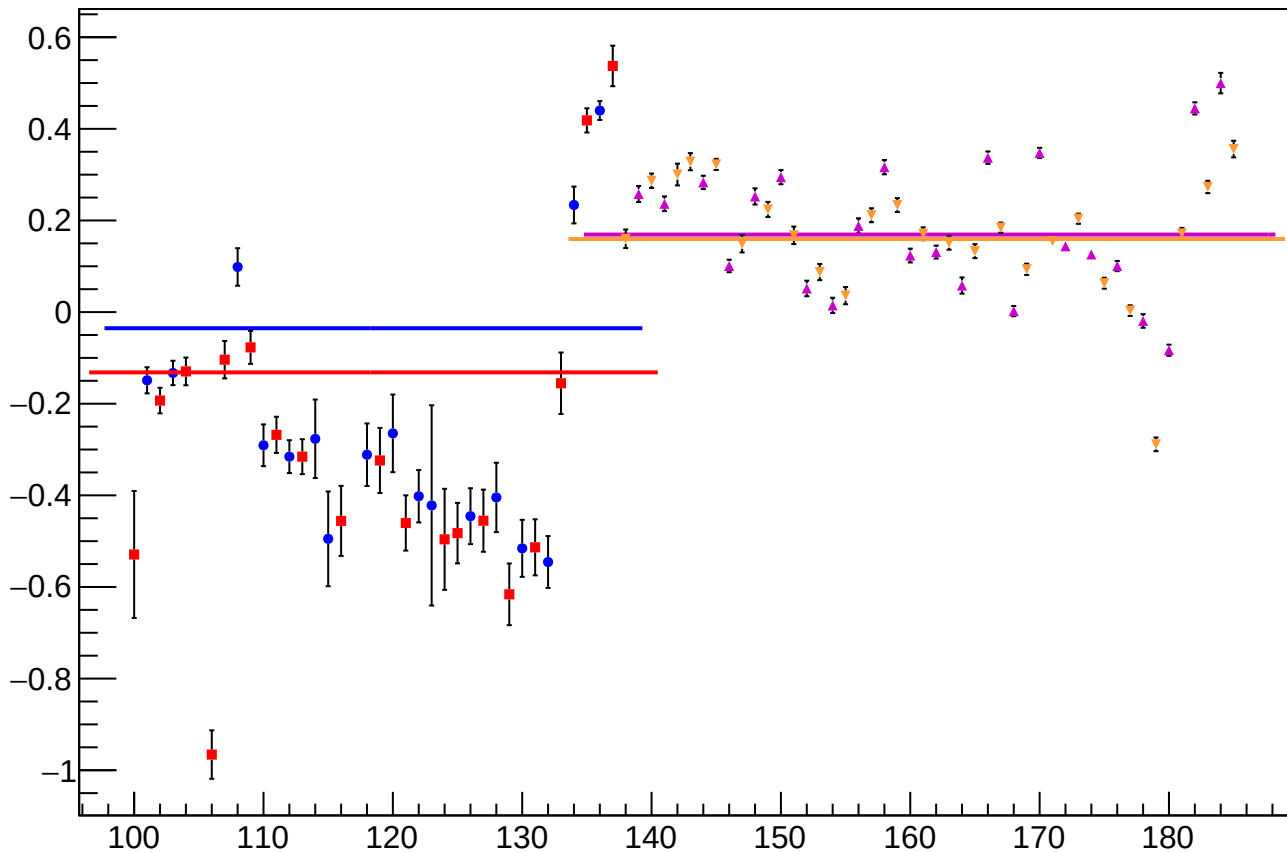
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.133 $\pm$ 0.060 χ^2 /NDF: 12203.6/39

Out: 24.329 $\pm$ 0.060 χ^2 /NDF: 13369.3/43

All: 24.232 $\pm$ 0.042 χ^2 /NDF: 25578.3/83

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: 0.159 $\pm$ 0.003 χ^2 /NDF:1864.4/24

Right Out: -0.132 $\pm$ 0.010 χ^2 /NDF: 1169.8/18

Left In: 0.169 $\pm$ 0.003 χ^2 /NDF:2430.7/22

Left: 0.164 $\pm$ 0.002 χ^2 /NDF: 4300.8/47

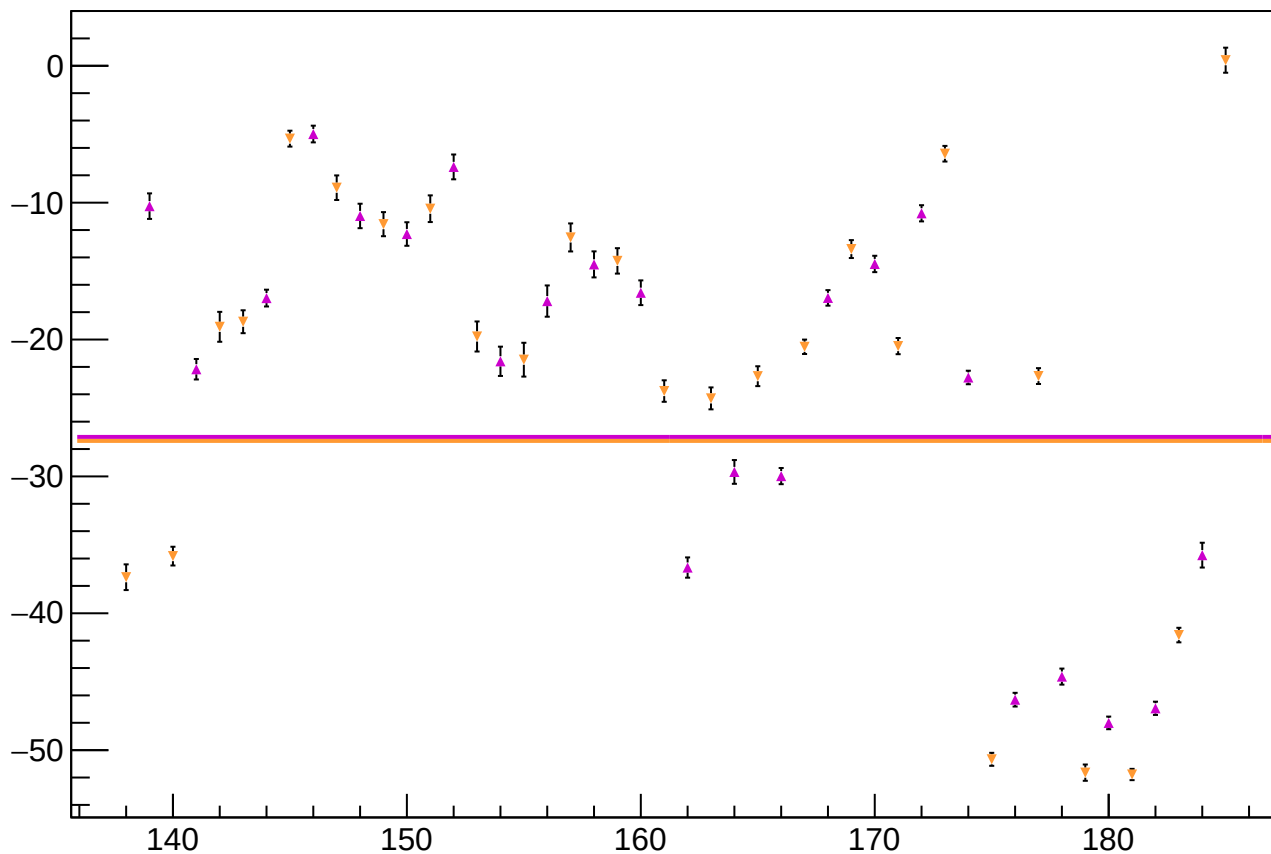
Right: -0.083 $\pm$ 0.007 χ^2 /NDF: 2226.9/35

In: 0.154 $\pm$ 0.003 χ^2 /NDF:3807.7/39

Out: 0.139 $\pm$ 0.003 χ^2 /NDF:3767.4/43

All: 0.146 $\pm$ 0.002 χ^2 /NDF: 7590.6/83

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: -27.406 $\pm$ 0.137 χ^2 /NDF:14849.5/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -27.114 $\pm$ 0.139 χ^2 /NDF:11443.8/22

Left: -27.262 $\pm$ 0.097 χ^2 /NDF: 26295.5/47

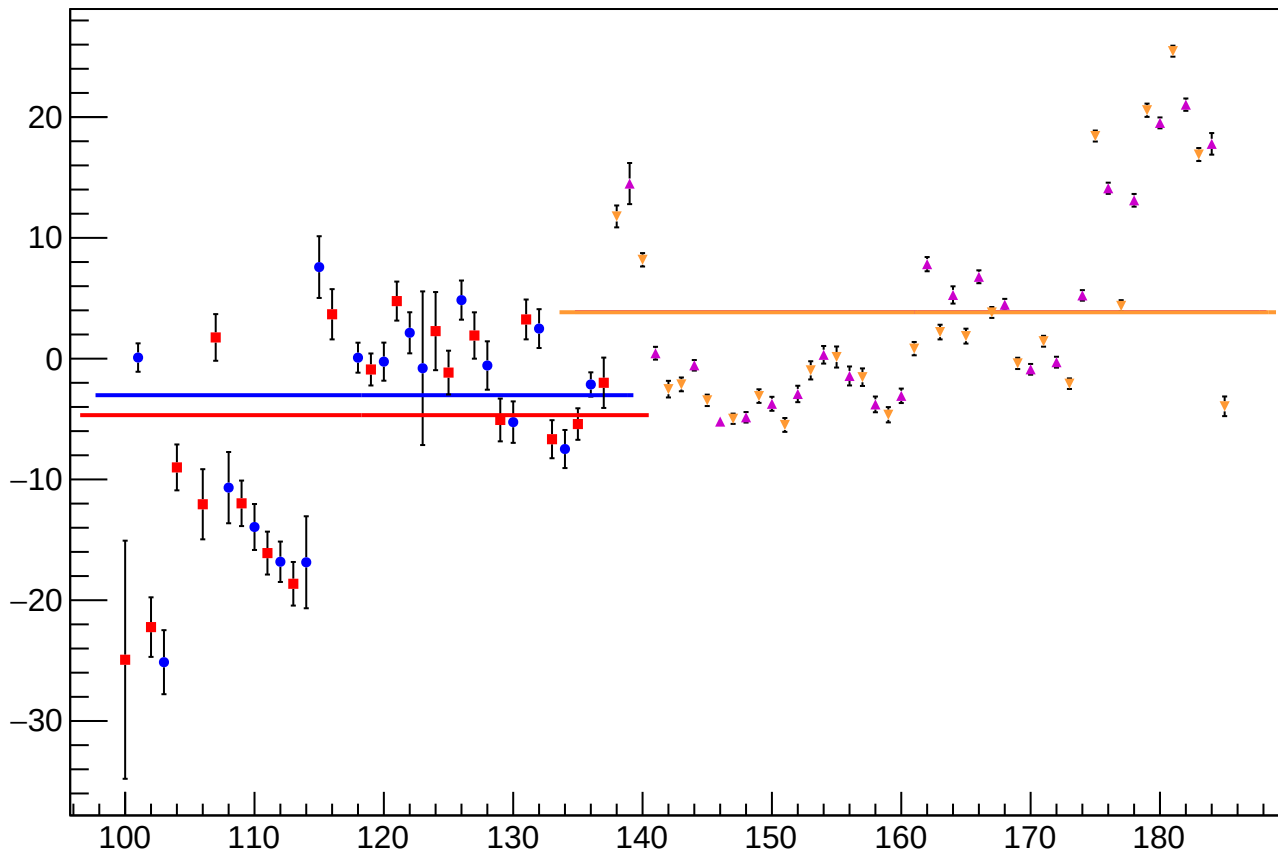
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.114 $\pm$ 0.139 χ^2 /NDF:11443.8/22

Out: -27.406 $\pm$ 0.137 χ^2 /NDF:14849.5/24

All: -27.262 $\pm$ 0.097 χ^2 /NDF: 26295.5/47

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: 3.842 ± 0.109 $\chi^2/\text{NDF}: 6939.2/24$

Right Out: -4.678 ± 0.426 $\chi^2/\text{NDF}: 299.1/18$

Left In: 3.861 ± 0.111 $\chi^2/\text{NDF}: 5438.4/22$

Left: 3.852 ± 0.078 $\chi^2/\text{NDF}: 12377.6/47$

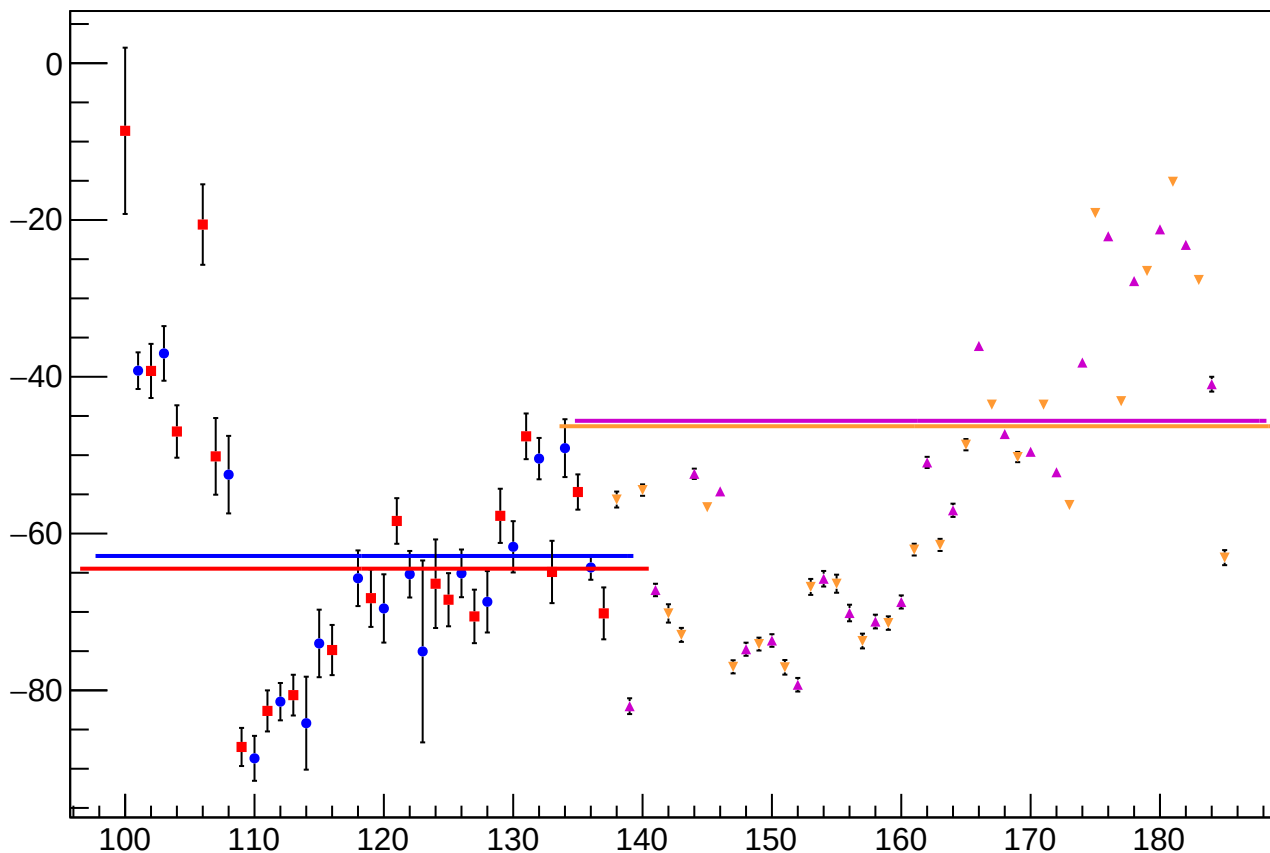
Right: -3.816 ± 0.295 $\chi^2/\text{NDF}: 587.6/35$

In: 3.388 ± 0.107 $\chi^2/\text{NDF}: 5984.3/39$

Out: 3.318 ± 0.106 $\chi^2/\text{NDF}: 7613.4/43$

All: 3.352 ± 0.075 $\chi^2/\text{NDF}: 13597.9/83$

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 $\chi^2/\text{NDF}: 367.7/16$

Left Out: -46.310 ± 0.138 $\chi^2/\text{NDF}: 20136.6/24$

Right Out: -64.480 ± 0.751 $\chi^2/\text{NDF}: 444.0/18$

Left In: -45.616 ± 0.139 $\chi^2/\text{NDF}: 17743.8/22$

Left: -45.966 ± 0.098 $\chi^2/\text{NDF}: 37892.9/47$

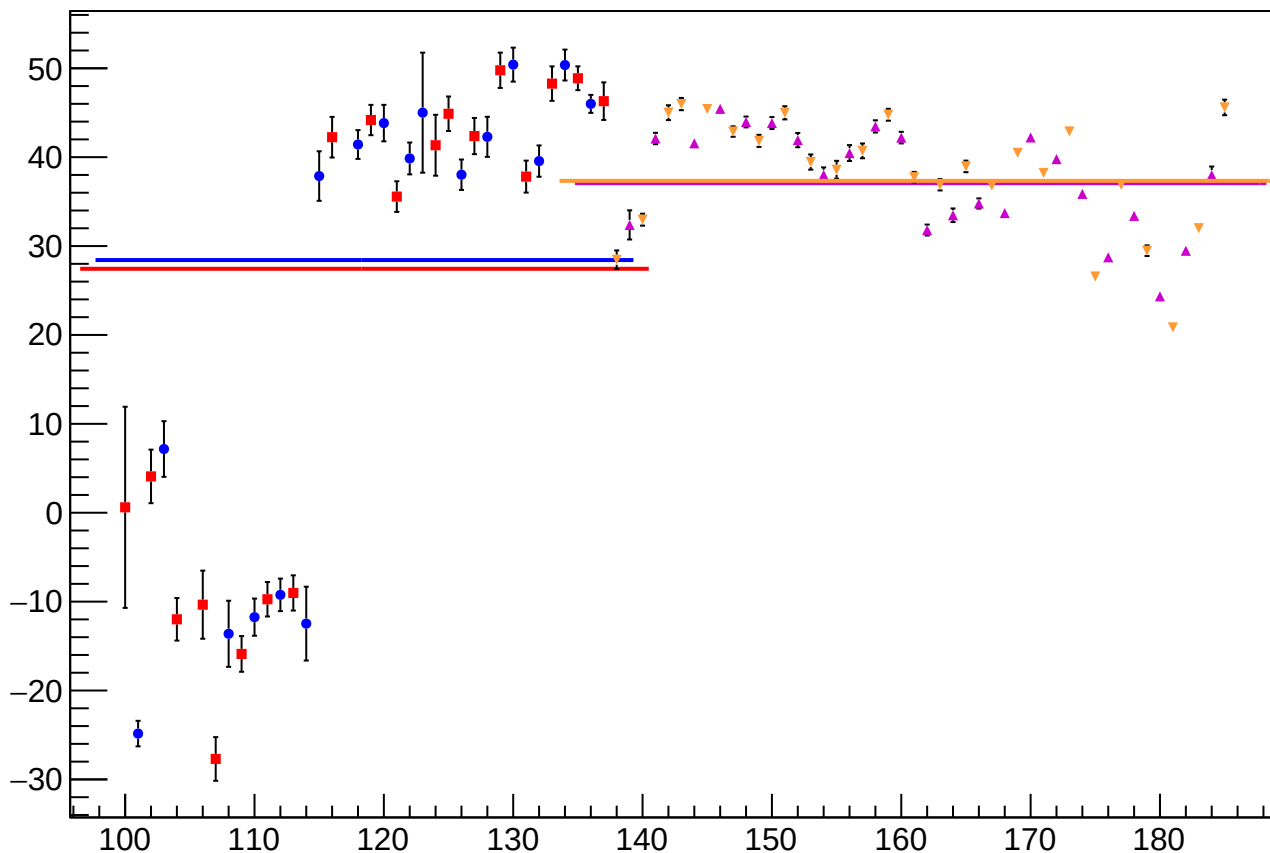
Right: -63.656 ± 0.527 $\chi^2/\text{NDF}: 814.1/35$

In: -46.207 ± 0.137 $\chi^2/\text{NDF}: 18637.2/39$

Out: -46.902 ± 0.136 $\chi^2/\text{NDF}: 21146.8/43$

All: -46.557 ± 0.096 $\chi^2/\text{NDF}: 39797.1/83$

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.338 $\pm$ 0.123 χ^2 /NDF:3149.2/24

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.079 $\pm$ 0.125 χ^2 /NDF:2405.4/22

Left: 37.211 $\pm$ 0.087 χ^2 /NDF: 5556.7/47

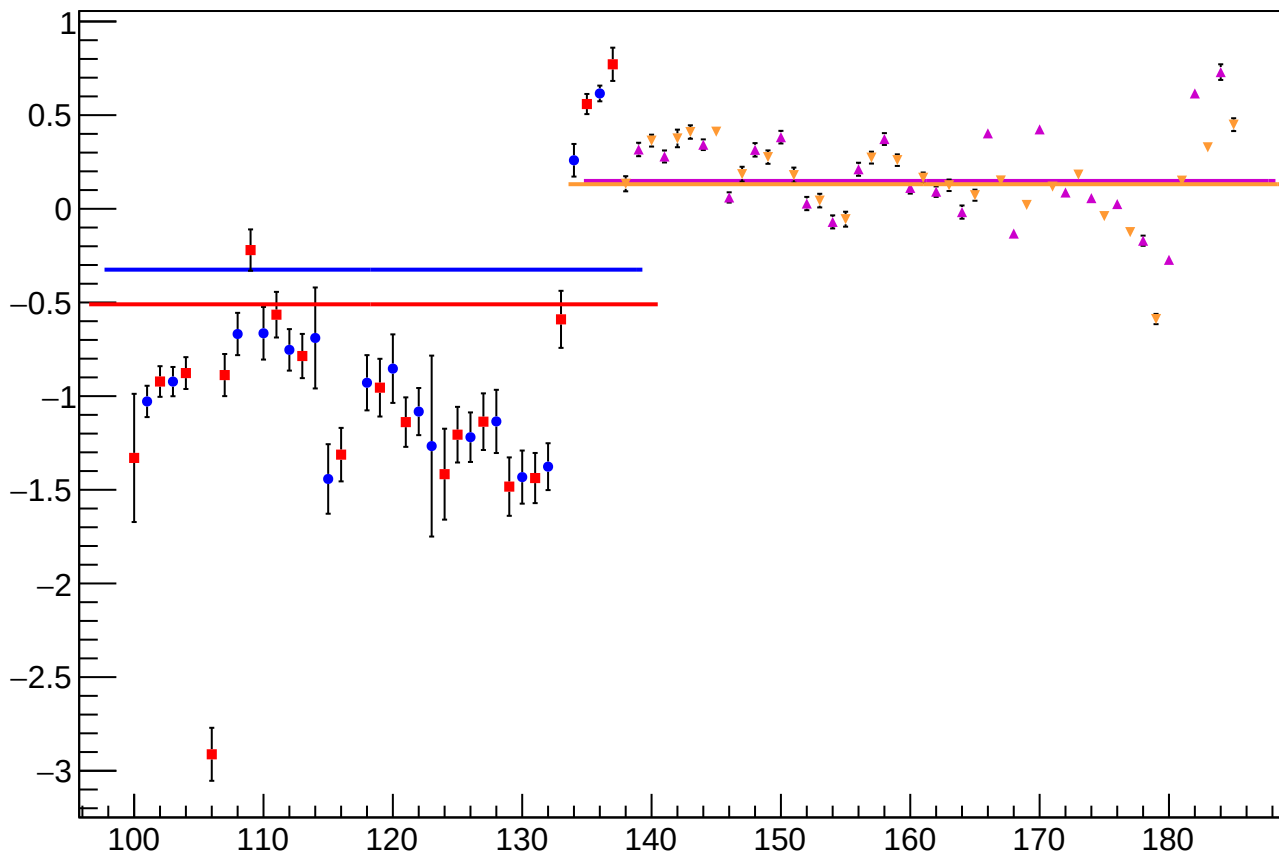
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.482 $\pm$ 0.120 χ^2 /NDF:6060.4/39

Out: 36.726 $\pm$ 0.119 χ^2 /NDF:6584.0/43

All: 36.605 $\pm$ 0.085 χ^2 /NDF: 12646.4/83

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: 0.131 ± 0.006 χ^2/NDF : 1426.4/24

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.149 ± 0.006 χ^2/NDF : 1813.7/22

Left: 0.140 ± 0.004 χ^2/NDF : 3244.8/47

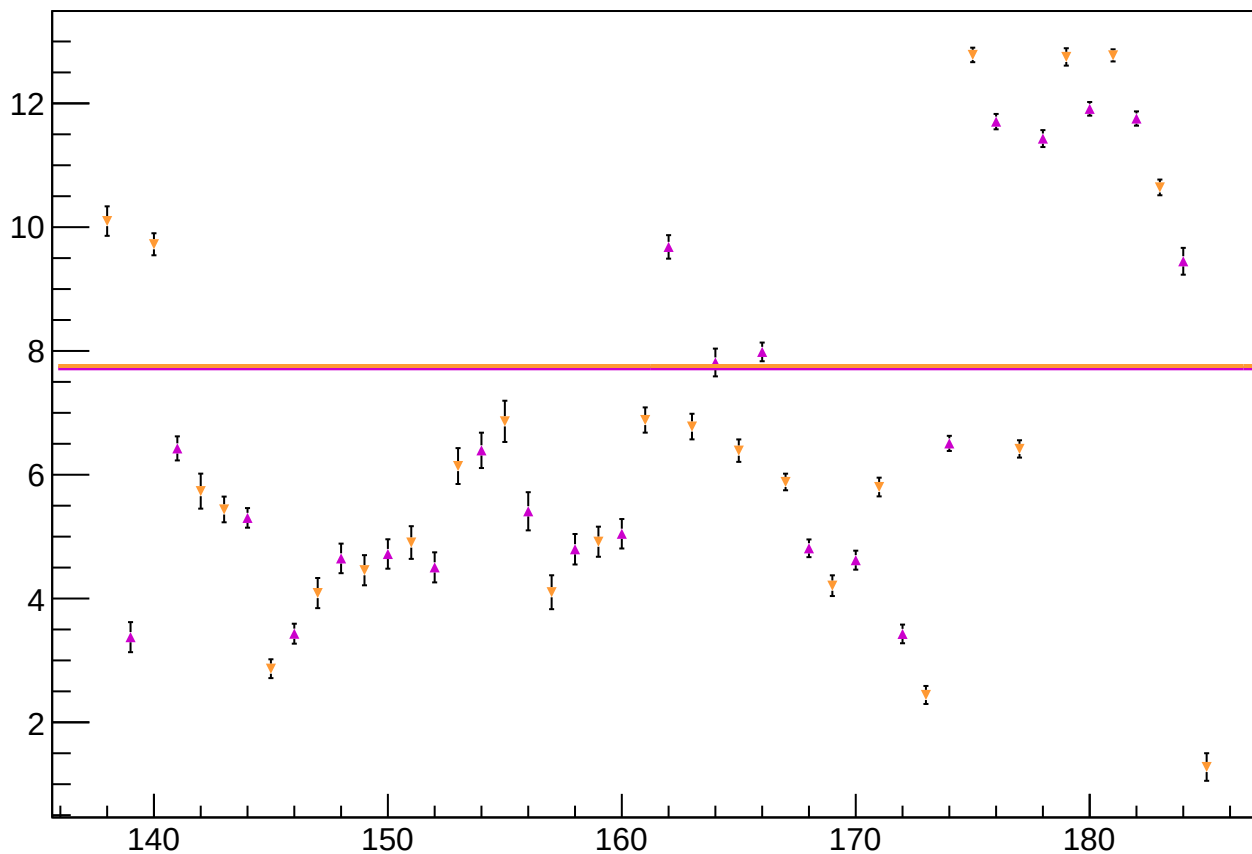
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.125 ± 0.006 χ^2/NDF : 3168.7/39

Out: 0.102 ± 0.005 χ^2/NDF : 3189.6/43

All: 0.113 ± 0.004 χ^2/NDF : 6367.1/83

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: 7.757+/-0.034 χ^2/NDF :11727.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.719+/-0.035 χ^2/NDF :8490.5/22

Left: 7.738+/-0.024 χ^2/NDF : 20218.6/47

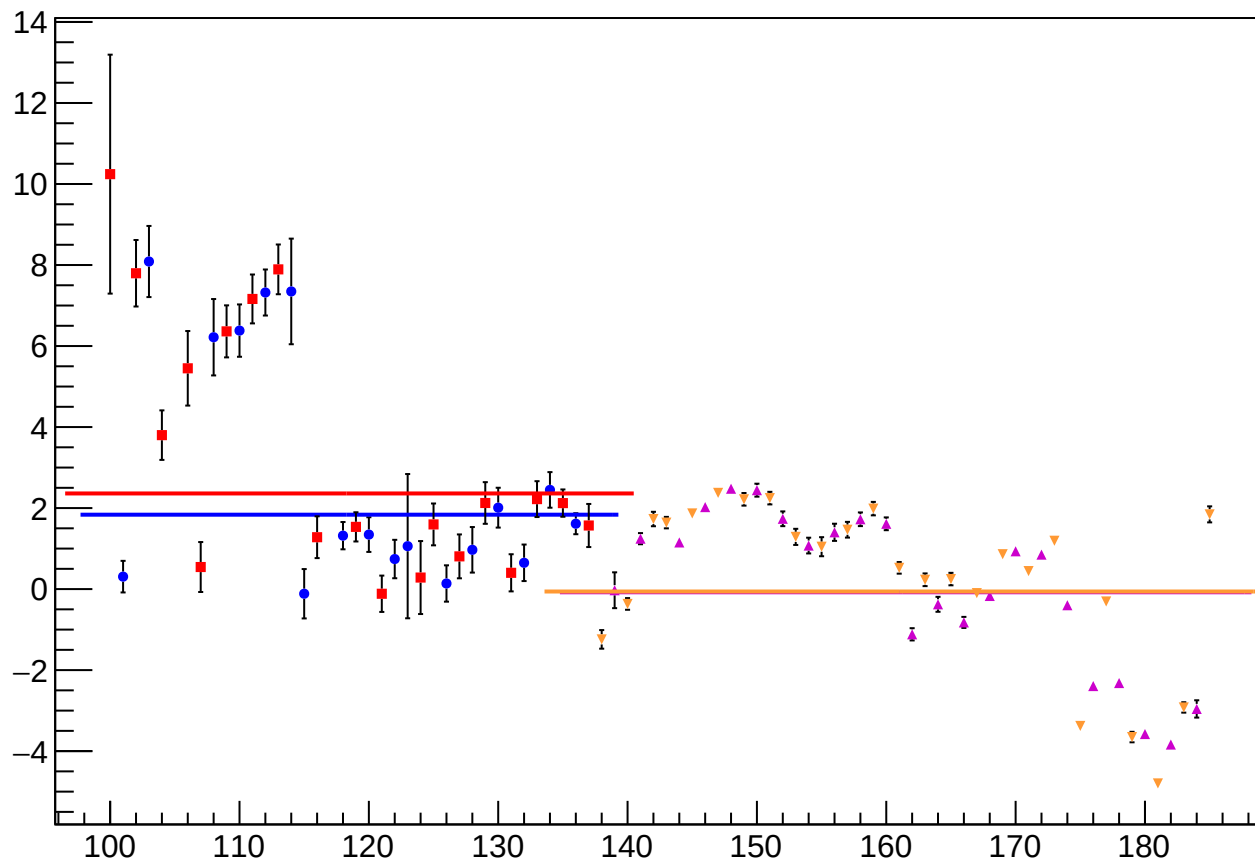
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.719+/-0.035 χ^2/NDF :8490.5/22

Out: 7.757+/-0.034 χ^2/NDF :11727.5/24

All: 7.738+/-0.024 χ^2/NDF : 20218.6/47

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -0.060 ± 0.028 $\chi^2/\text{NDF}: 6068.8/24$

Right Out: 2.361 ± 0.122 $\chi^2/\text{NDF}: 336.9/18$

Left In: -0.079 ± 0.028 $\chi^2/\text{NDF}: 4989.1/22$

Left: -0.069 ± 0.020 $\chi^2/\text{NDF}: 11058.1/47$

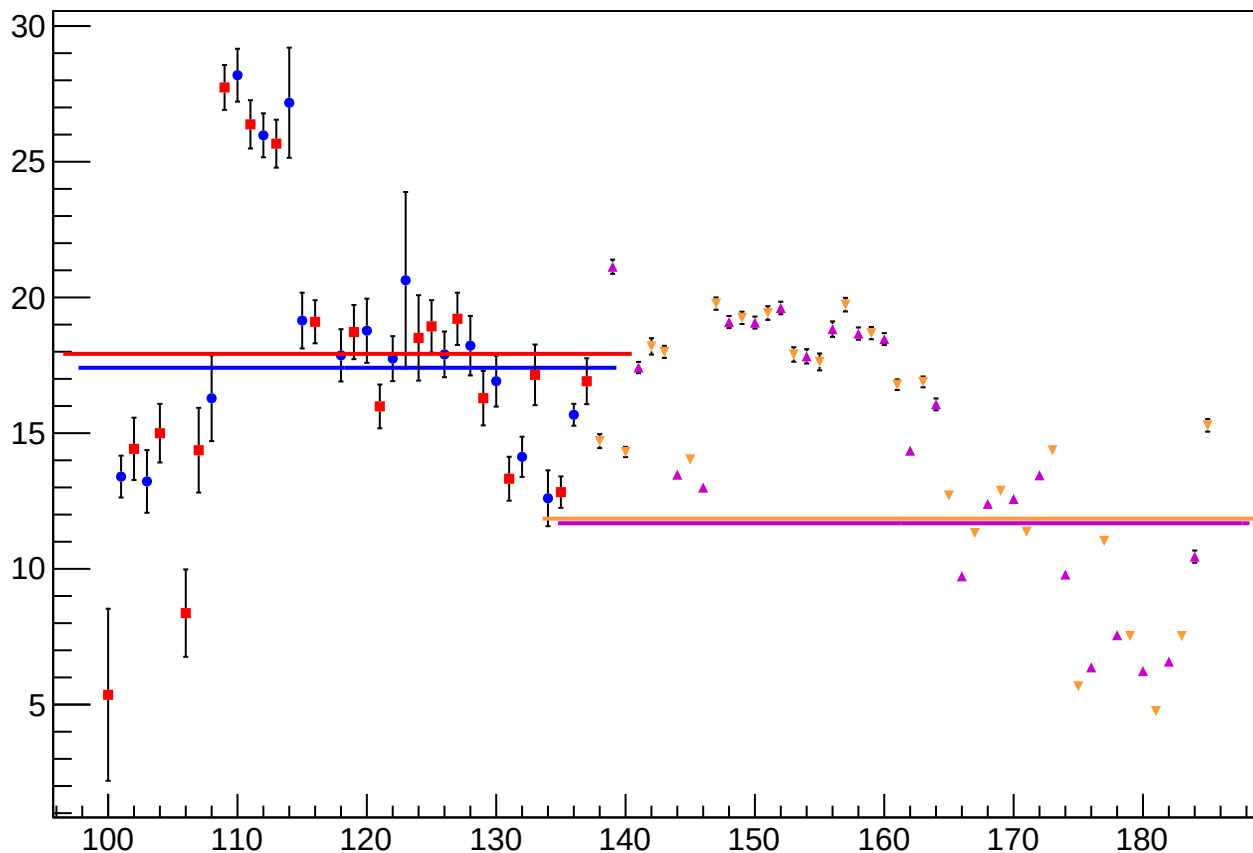
Right: 2.085 ± 0.084 $\chi^2/\text{NDF}: 640.7/35$

In: 0.027 ± 0.027 $\chi^2/\text{NDF}: 5540.0/39$

Out: 0.059 ± 0.027 $\chi^2/\text{NDF}: 6777.5/43$

All: 0.043 ± 0.019 $\chi^2/\text{NDF}: 12318.1/83$

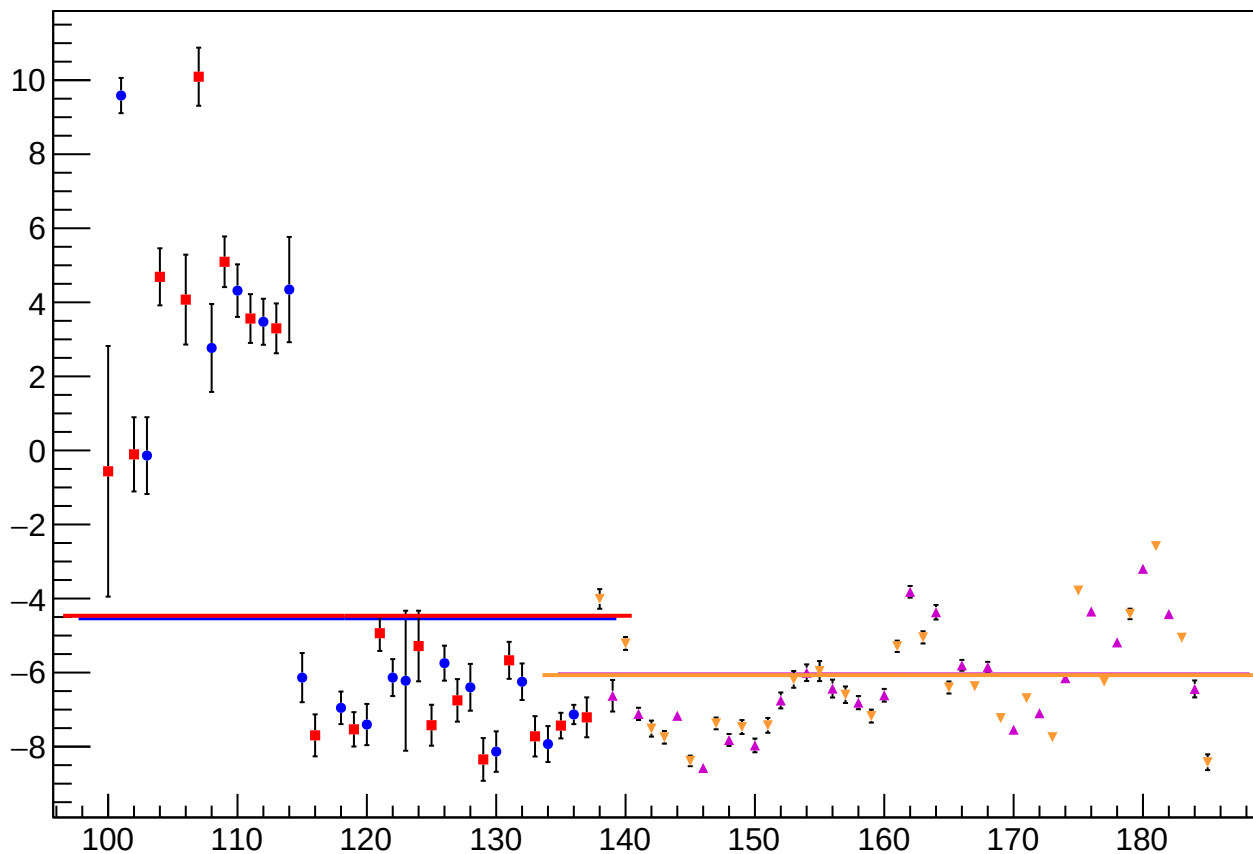
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 χ^2/NDF : 365.1/16
 Left Out: 11.851 ± 0.035 χ^2/NDF : 19150.8/24
 Right Out: 17.922 ± 0.219 χ^2/NDF : 506.5/18
 Left In: 11.683 ± 0.035 χ^2/NDF : 16927.3/22

Left: 11.768 ± 0.025 χ^2/NDF : 36089.6/47
 Right: 17.657 ± 0.152 χ^2/NDF : 874.4/35
 In: 11.836 ± 0.035 χ^2/NDF : 18002.7/39
 Out: 11.999 ± 0.034 χ^2/NDF : 20408.6/43
 All: 11.918 ± 0.024 χ^2/NDF : 38422.6/83

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.069 ± 0.031 χ^2/NDF : 2671.8/24

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.050 ± 0.032 χ^2/NDF : 2303.3/22

Left: -6.059 ± 0.022 χ^2/NDF : 4975.3/47

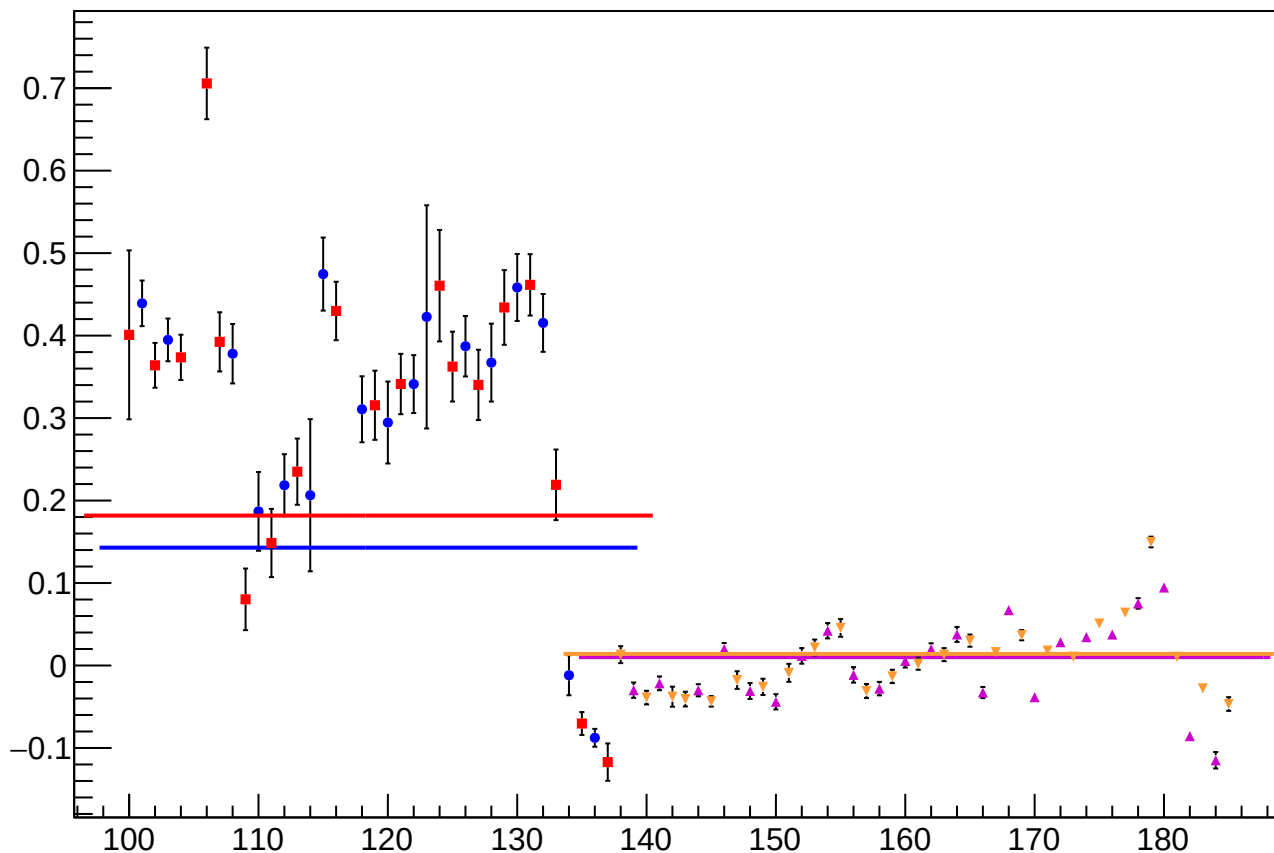
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.965 ± 0.031 χ^2/NDF : 4020.8/39

Out: -5.990 ± 0.030 χ^2/NDF : 4143.1/43

All: -5.977 ± 0.022 χ^2/NDF : 8164.3/83

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: 0.014 $\pm$ 0.001 χ^2 /NDF:956.2/24

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.010 $\pm$ 0.001 χ^2 /NDF:1224.5/22

Left: 0.012 $\pm$ 0.001 χ^2 /NDF: 2184.4/47

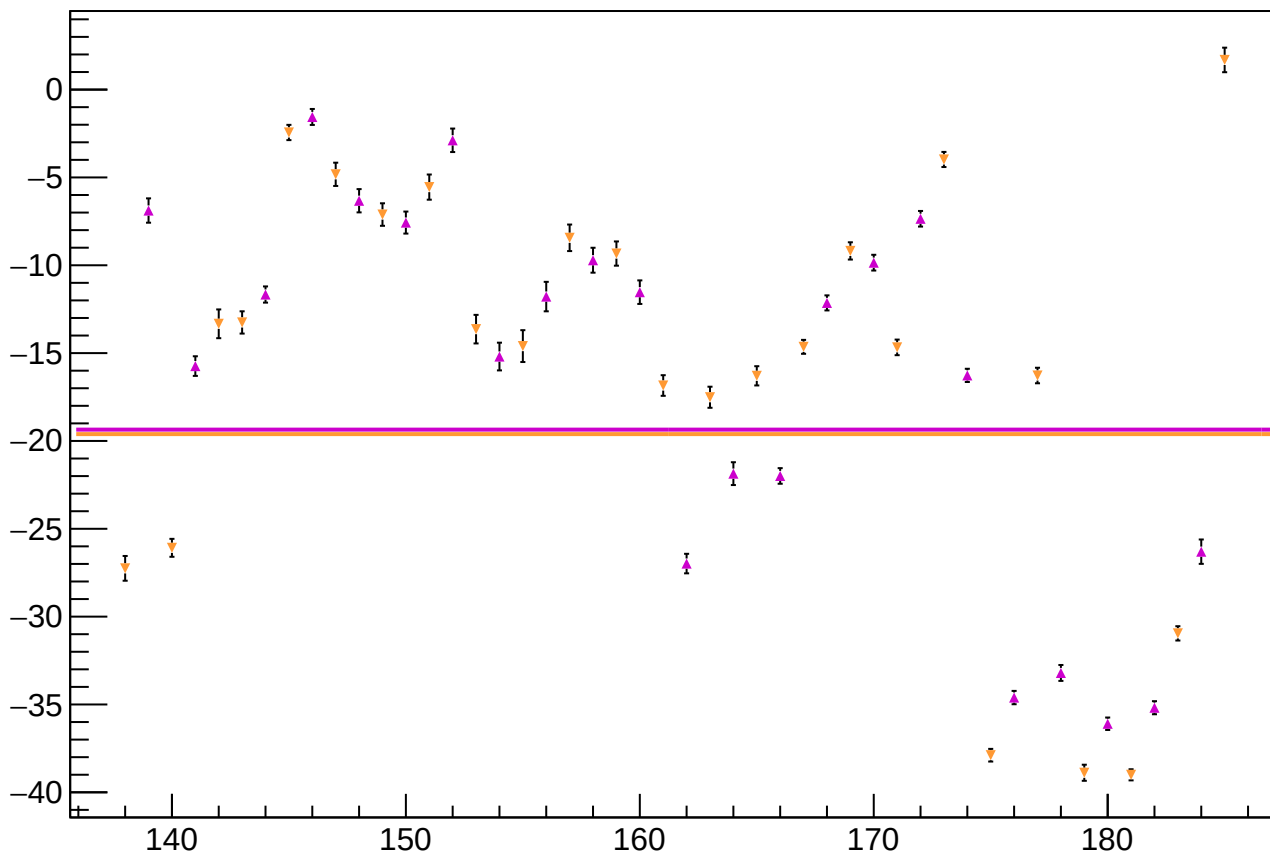
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.016 $\pm$ 0.001 χ^2 /NDF:2623.0/39

Out: 0.020 $\pm$ 0.001 χ^2 /NDF:2462.0/43

All: 0.018 $\pm$ 0.001 χ^2 /NDF: 5090.2/83

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -19.611 $\pm$ 0.103 χ^2 /NDF:15760.4/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -19.355 $\pm$ 0.105 χ^2 /NDF:12417.1/22

Left: -19.485 $\pm$ 0.073 χ^2 /NDF: 28180.4/47

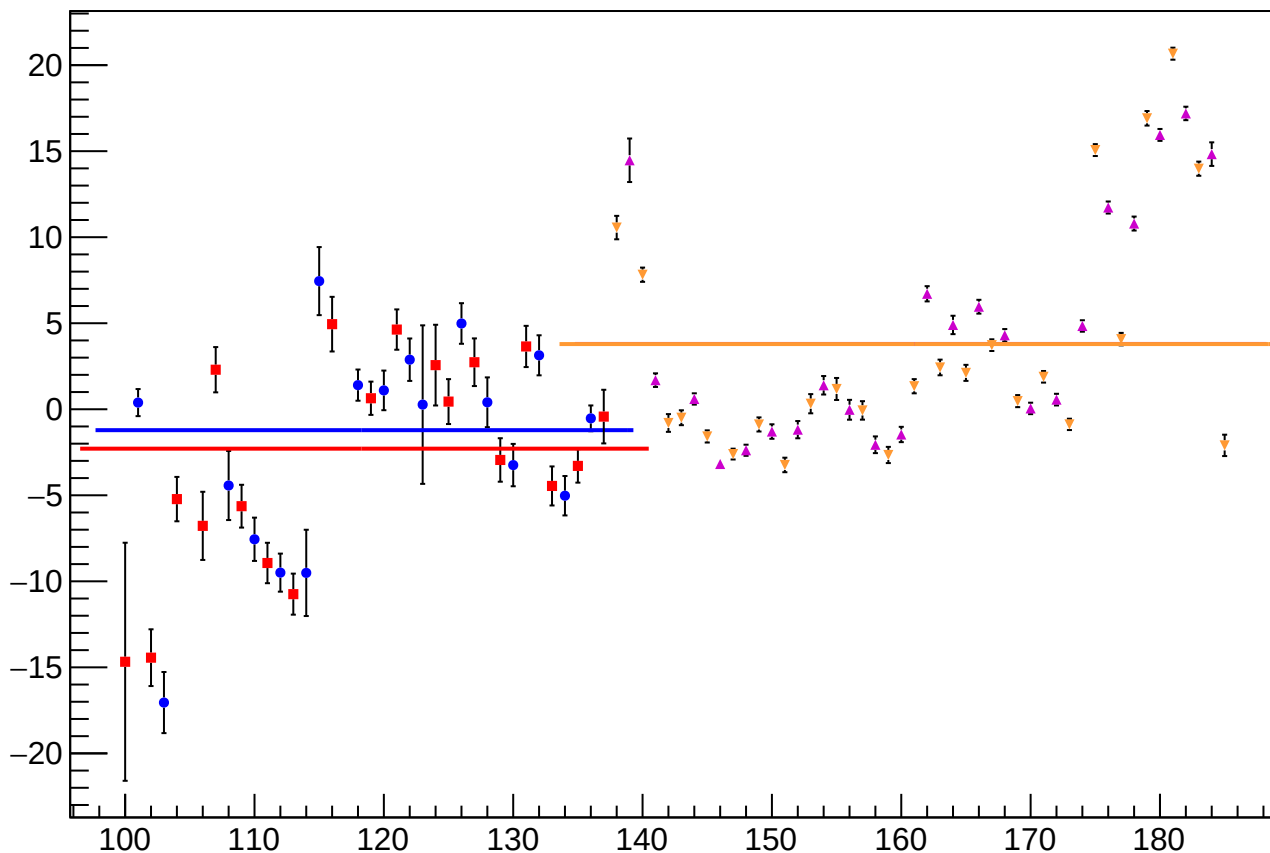
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.355 $\pm$ 0.105 χ^2 /NDF:12417.1/22

Out: -19.611 $\pm$ 0.103 χ^2 /NDF:15760.4/24

All: -19.485 $\pm$ 0.073 χ^2 /NDF: 28180.4/47

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 χ^2/NDF : 278.7/16

Left Out: 3.789 ± 0.082 χ^2/NDF : 7150.5/24

Right Out: -2.290 ± 0.302 χ^2/NDF : 287.1/18

Left In: 3.795 ± 0.083 χ^2/NDF : 5534.4/22

Left: 3.792 ± 0.058 χ^2/NDF : 12684.9/47

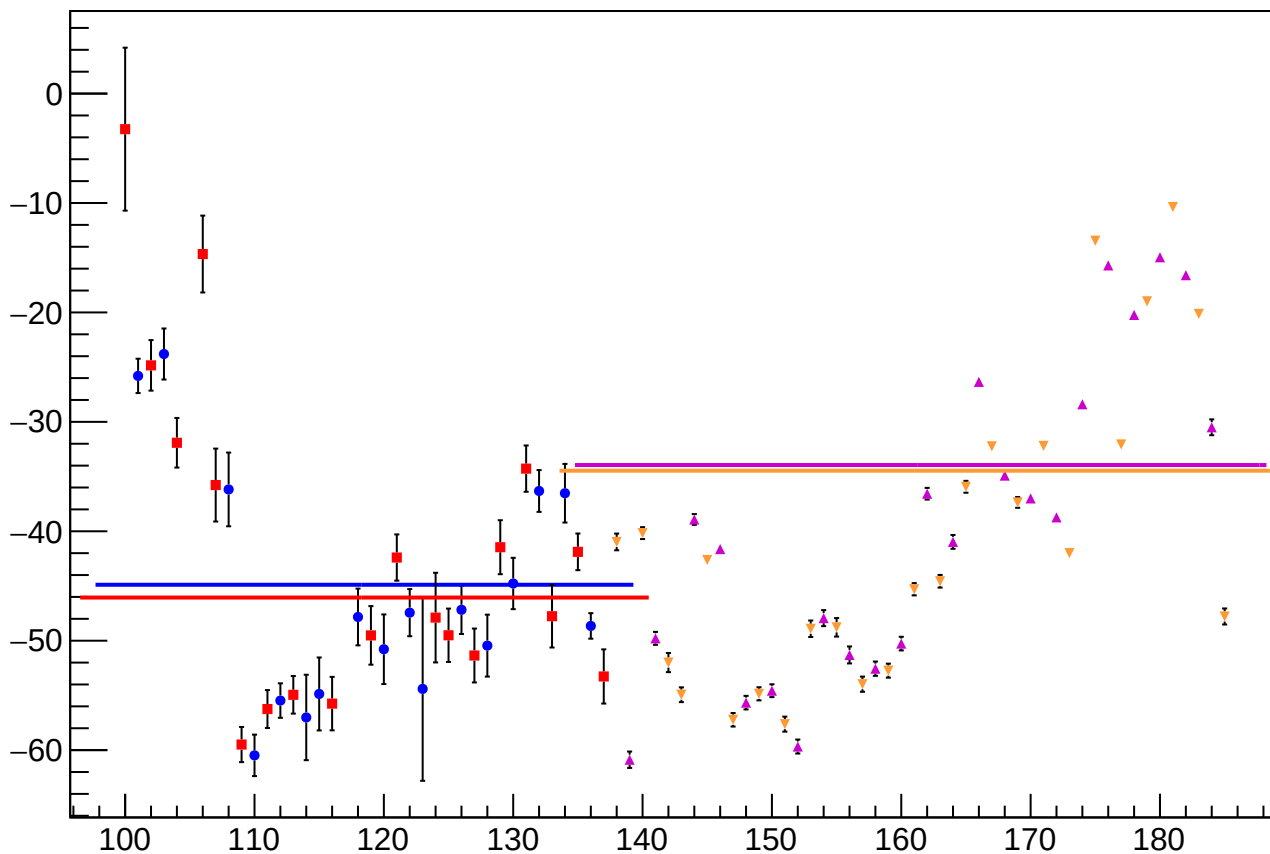
Right: -1.731 ± 0.209 χ^2/NDF : 572.4/35

In: 3.414 ± 0.080 χ^2/NDF : 6088.2/39

Out: 3.372 ± 0.079 χ^2/NDF : 7814.6/43

All: 3.393 ± 0.056 χ^2/NDF : 13903.0/83

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: -34.464 ± 0.104 $\chi^2/\text{NDF}: 20198.4/24$

Right Out: -46.056 ± 0.528 $\chi^2/\text{NDF}: 453.7/18$

Left In: -33.946 ± 0.105 $\chi^2/\text{NDF}: 17855.4/22$

Left: -34.208 ± 0.074 $\chi^2/\text{NDF}: 38066.2/47$

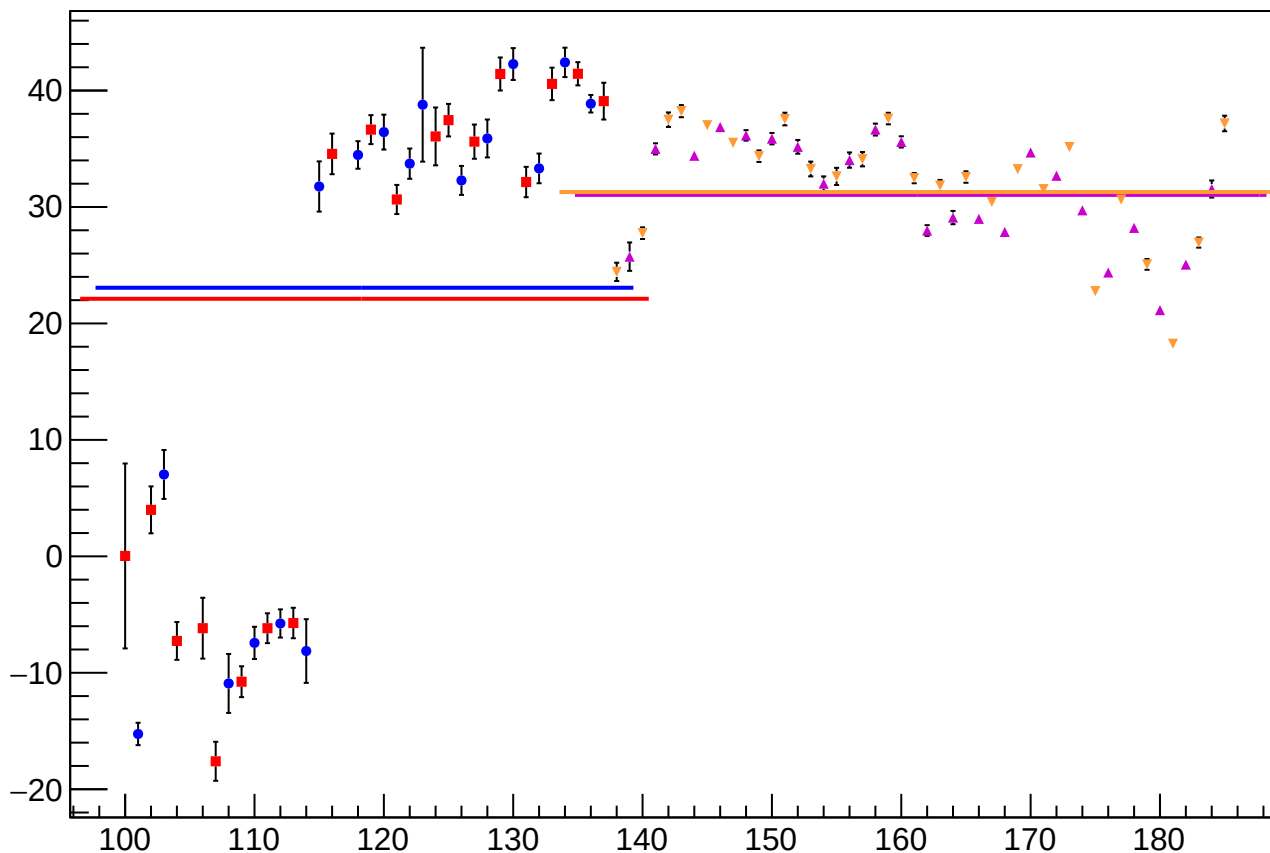
Right: -45.467 ± 0.372 $\chi^2/\text{NDF}: 876.6/35$

In: -34.368 ± 0.103 $\chi^2/\text{NDF}: 18696.2/39$

Out: -34.896 ± 0.102 $\chi^2/\text{NDF}: 21115.8/43$

All: -34.634 ± 0.072 $\chi^2/\text{NDF}: 39825.3/83$

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.285 $\pm$ 0.092 χ^2 /NDF:3346.0/24

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.040 $\pm$ 0.094 χ^2 /NDF:2488.6/22

Left: 31.164 $\pm$ 0.066 χ^2 /NDF: 5838.1/47

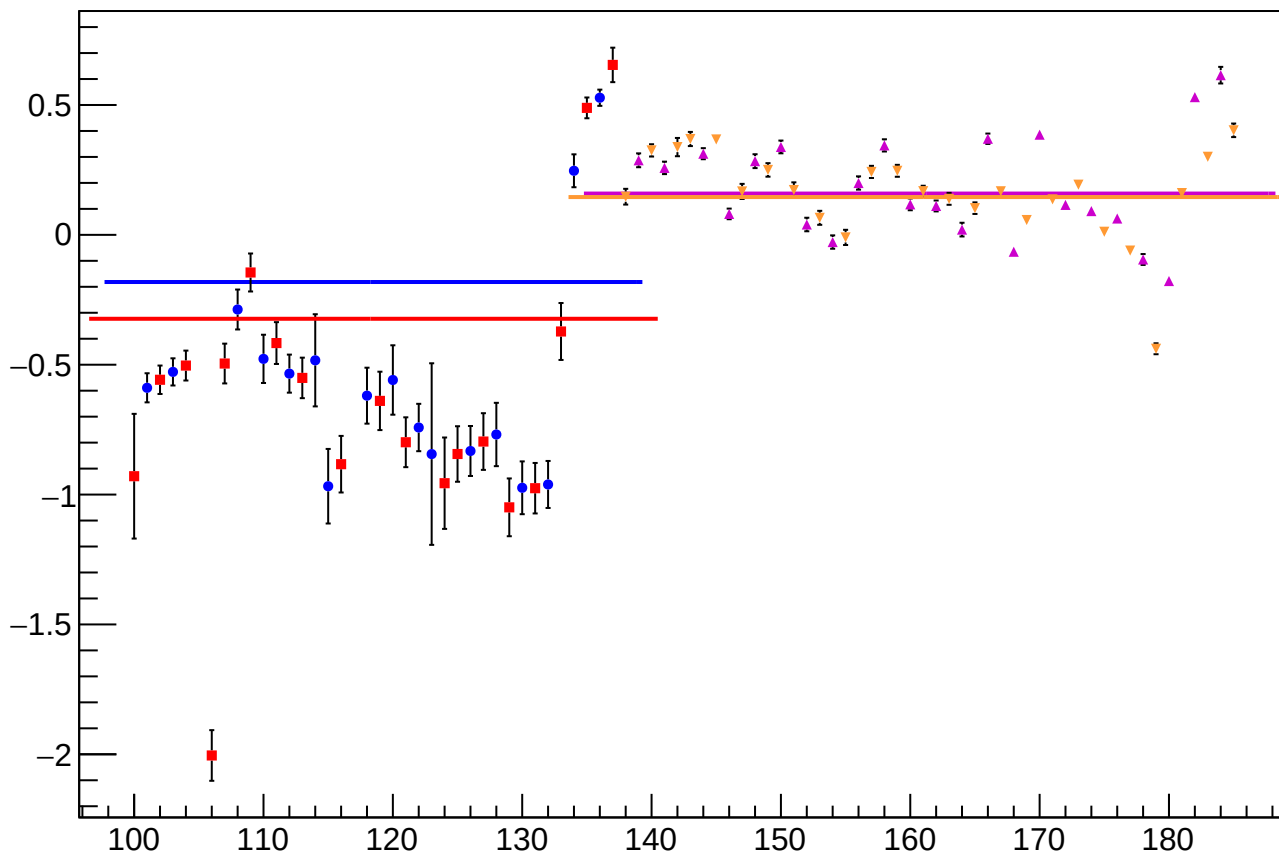
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.432 $\pm$ 0.090 χ^2 /NDF:7372.9/39

Out: 30.654 $\pm$ 0.089 χ^2 /NDF:8057.2/43

All: 30.544 $\pm$ 0.063 χ^2 /NDF: 15433.2/83

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: 0.145 ± 0.004 χ^2/NDF : 1579.7/24

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.159 ± 0.004 χ^2/NDF : 2020.5/22

Left: 0.152 ± 0.003 χ^2/NDF : 3605.2/47

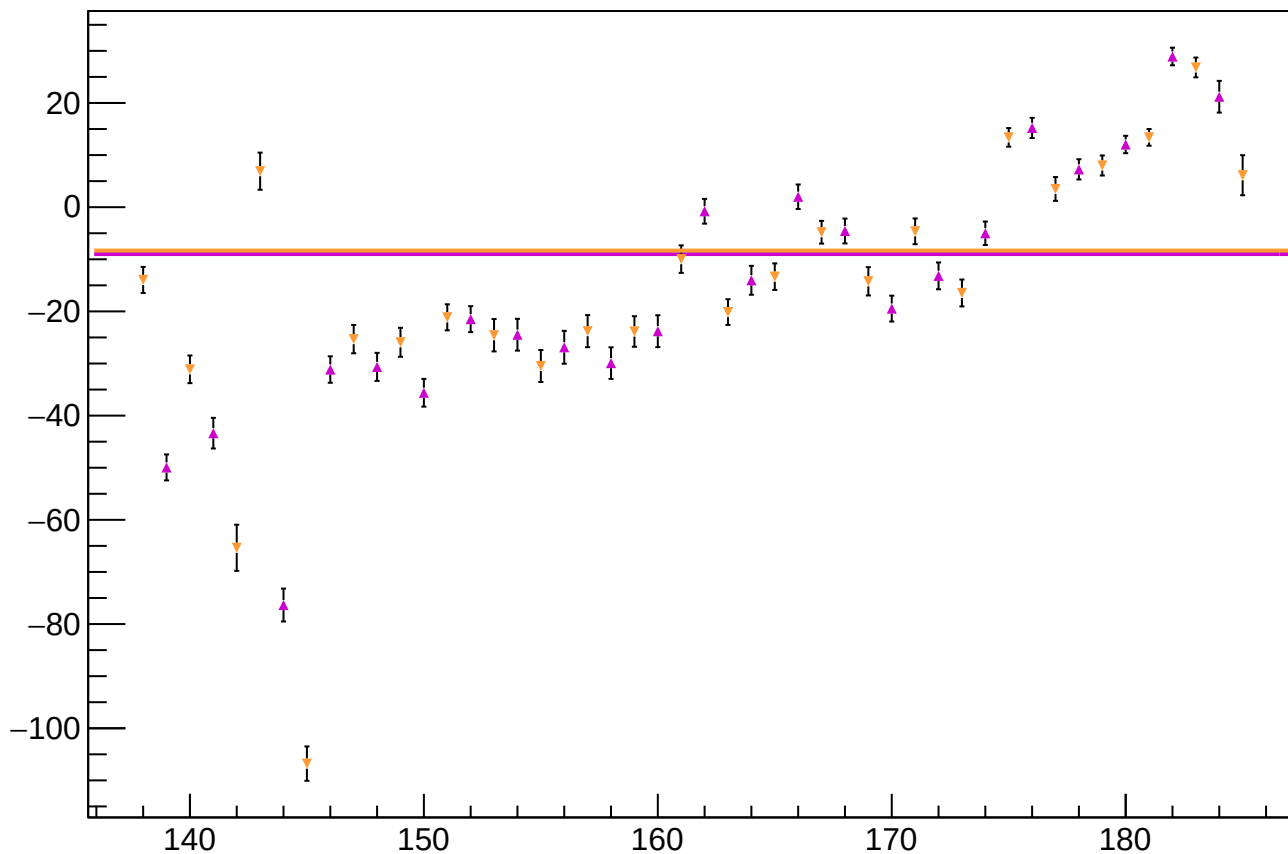
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.140 ± 0.004 χ^2/NDF : 3365.5/39

Out: 0.121 ± 0.004 χ^2/NDF : 3395.0/43

All: 0.131 ± 0.003 χ^2/NDF : 6770.8/83

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



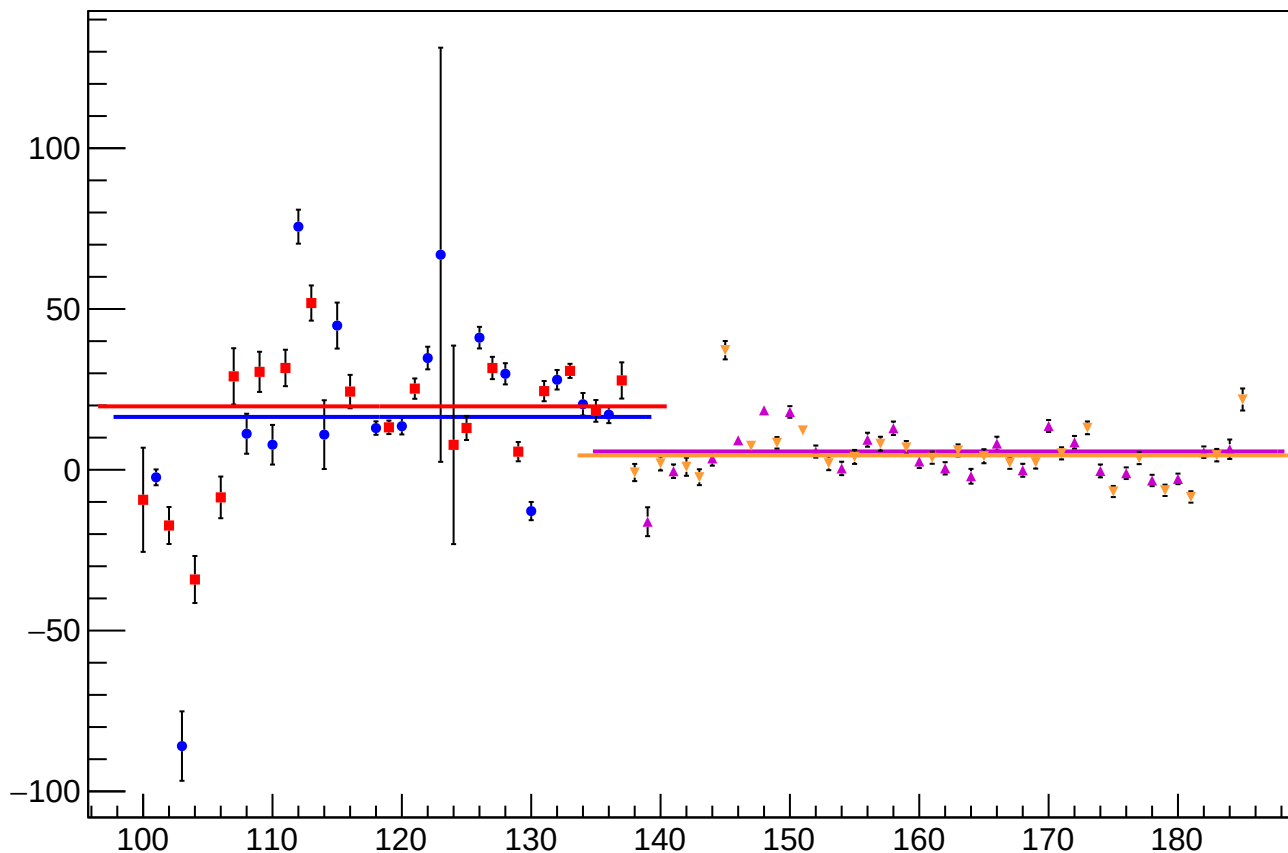
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.324+/-0.499 χ^2/NDF :2226.4/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.995+/-0.505 χ^2/NDF :2308.2/22

Left: -8.656+/-0.355 χ^2/NDF : 4535.5/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.995+/-0.505 χ^2/NDF :2308.2/22
 Out: -8.324+/-0.499 χ^2/NDF :2226.4/24

All: -8.656+/-0.355 χ^2/NDF : 4535.5/47

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 4.475+/-0.392 χ^2/NDF : 372.1/24

Right Out: 19.724+/-0.898 χ^2/NDF : 241.7/18

Left In: 5.699+/-0.403 χ^2/NDF : 329.1/22

Left: 5.070+/-0.281 χ^2/NDF : 706.0/47

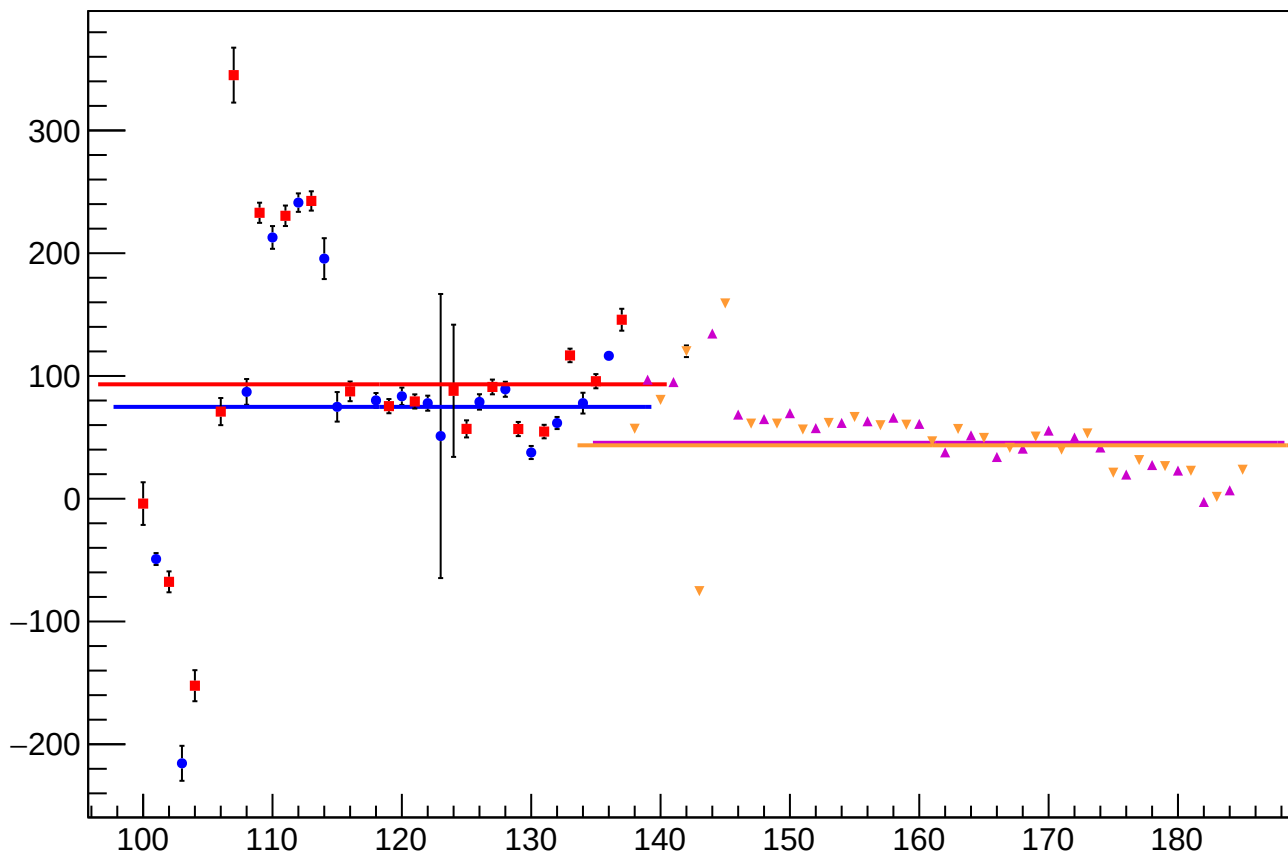
Right: 17.989+/-0.617 χ^2/NDF : 765.7/35

In: 7.677+/-0.364 χ^2/NDF : 976.8/39

Out: 6.917+/-0.359 χ^2/NDF : 856.1/43

All: 7.292+/-0.256 χ^2/NDF : 1835.1/83

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 43.518+/-0.498 χ^2/NDF : 3830.8/24

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 45.559+/-0.502 χ^2/NDF : 3152.4/22

Left: 44.530+/-0.354 χ^2/NDF : 6991.5/47

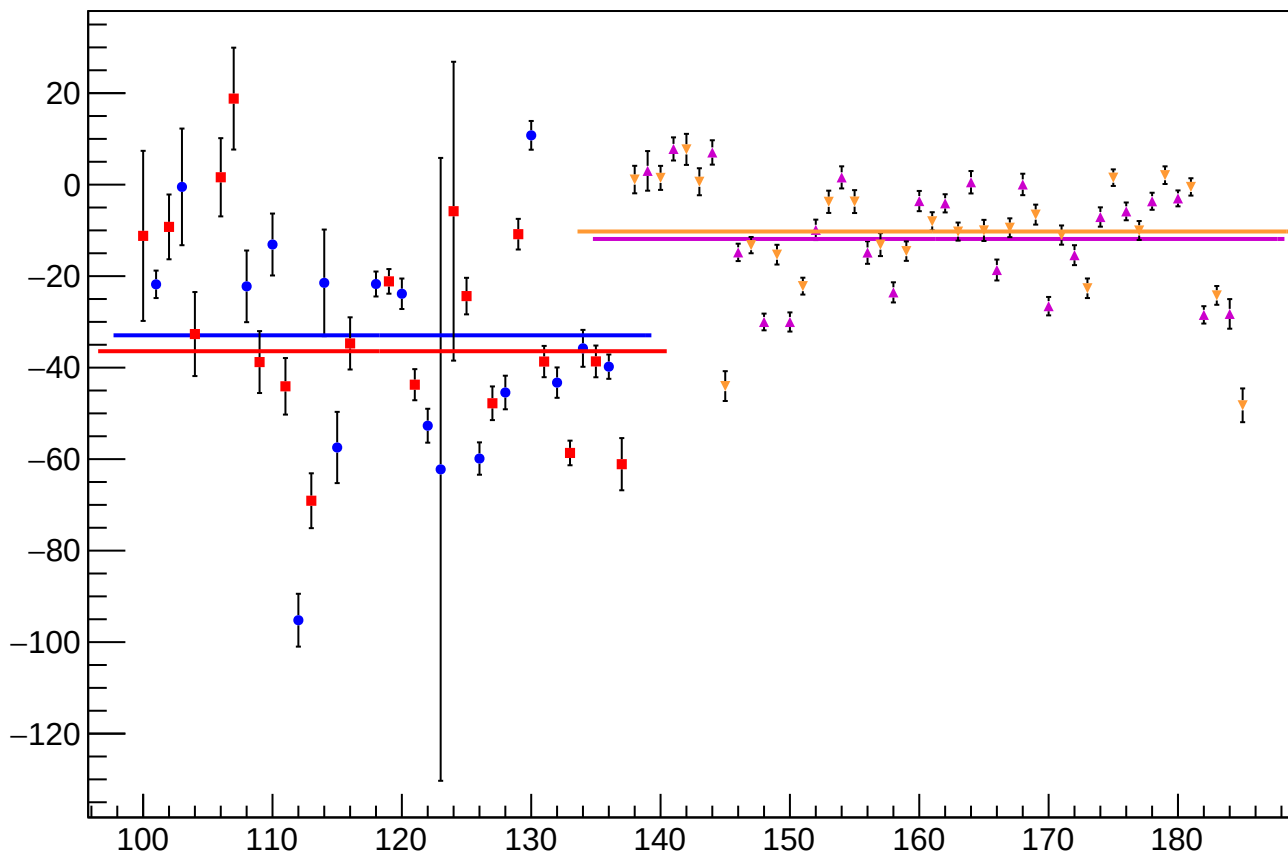
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 48.074+/-0.480 χ^2/NDF : 5440.8/39

Out: 47.399+/-0.478 χ^2/NDF : 6608.2/43

All: 47.735+/-0.339 χ^2/NDF : 12050.0/83

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.242 ± 0.444 χ^2/NDF : 552.5/24

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.875 ± 0.455 χ^2/NDF : 668.4/22

Left: -11.039 ± 0.318 χ^2/NDF : 1227.5/47

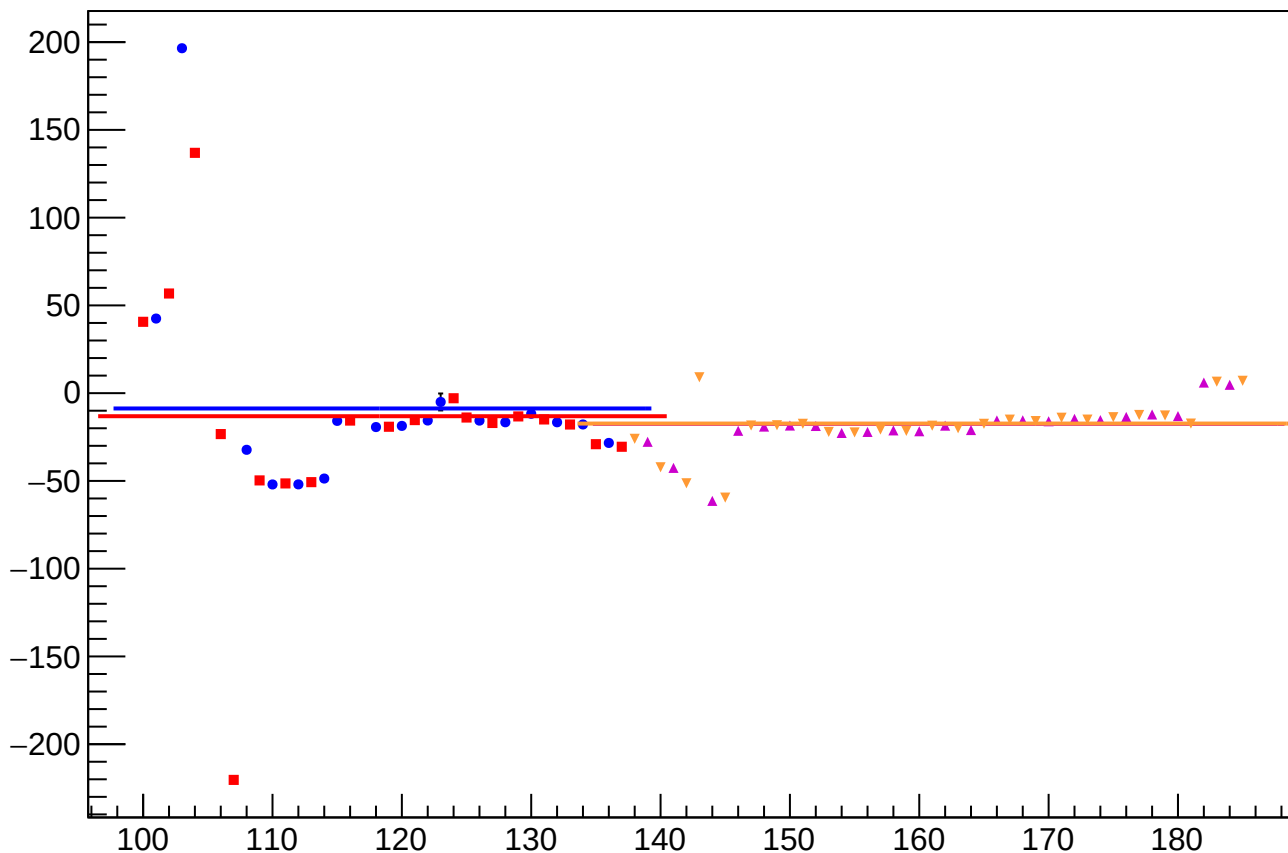
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -15.649 ± 0.412 χ^2/NDF : 1543.4/39

Out: -14.378 ± 0.408 χ^2/NDF : 1396.3/43

All: -15.006 ± 0.290 χ^2/NDF : 2944.5/83

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 $\chi^2/\text{NDF}: 575838.7/16$

Left Out: -17.331 ± 0.020 $\chi^2/\text{NDF}: 325208.5/24$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -17.552 ± 0.021 $\chi^2/\text{NDF}: 261900.3/22$

Left: -17.441 ± 0.014 $\chi^2/\text{NDF}: 587166.7/47$

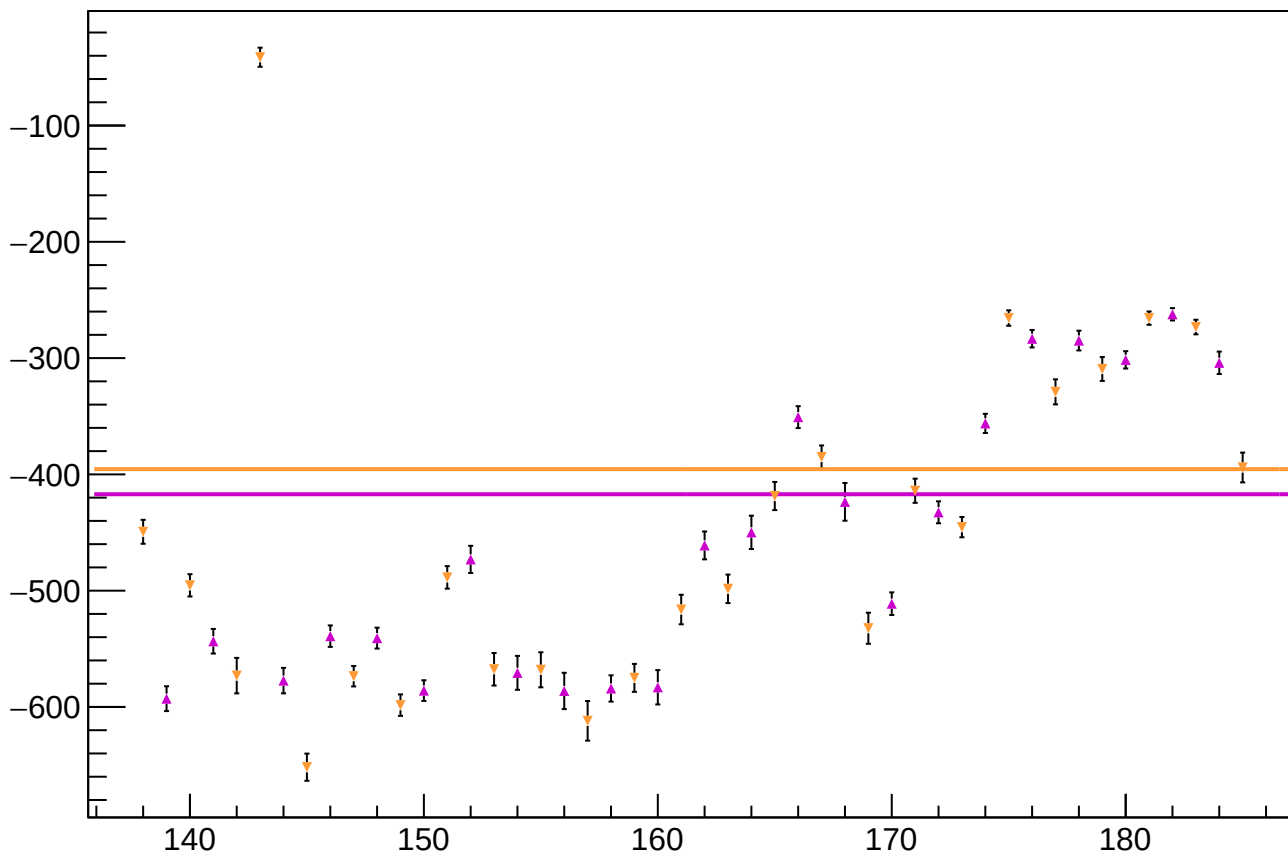
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -16.590 ± 0.019 $\chi^2/\text{NDF}: 857780.3/39$

Out: -16.918 ± 0.019 $\chi^2/\text{NDF}: 887993.8/43$

All: -16.755 ± 0.014 $\chi^2/\text{NDF}: 1745917.7/83$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -395.501+/-1.953 χ^2/NDF :5946.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Left: -406.050+/-1.396 χ^2/NDF : 9965.0/47

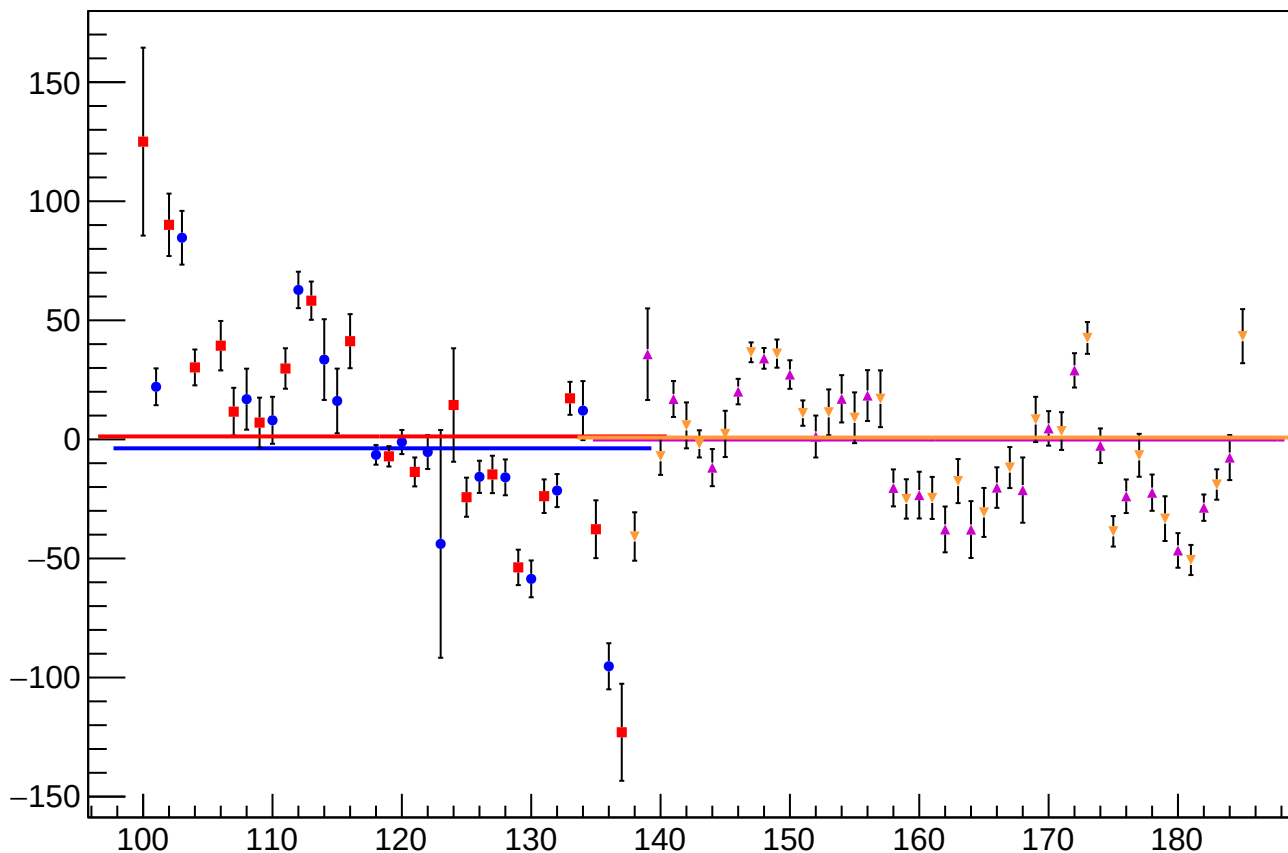
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -417.080+/-1.997 χ^2/NDF :3958.5/22

Out: -395.501+/-1.953 χ^2/NDF :5946.8/24

All: -406.050+/-1.396 χ^2/NDF : 9965.0/47

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 0.777 ± 1.502 χ^2/NDF : 349.9/24

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: -0.052 ± 1.571 χ^2/NDF : 264.1/22

Left: 0.381 ± 1.086 χ^2/NDF : 614.2/47

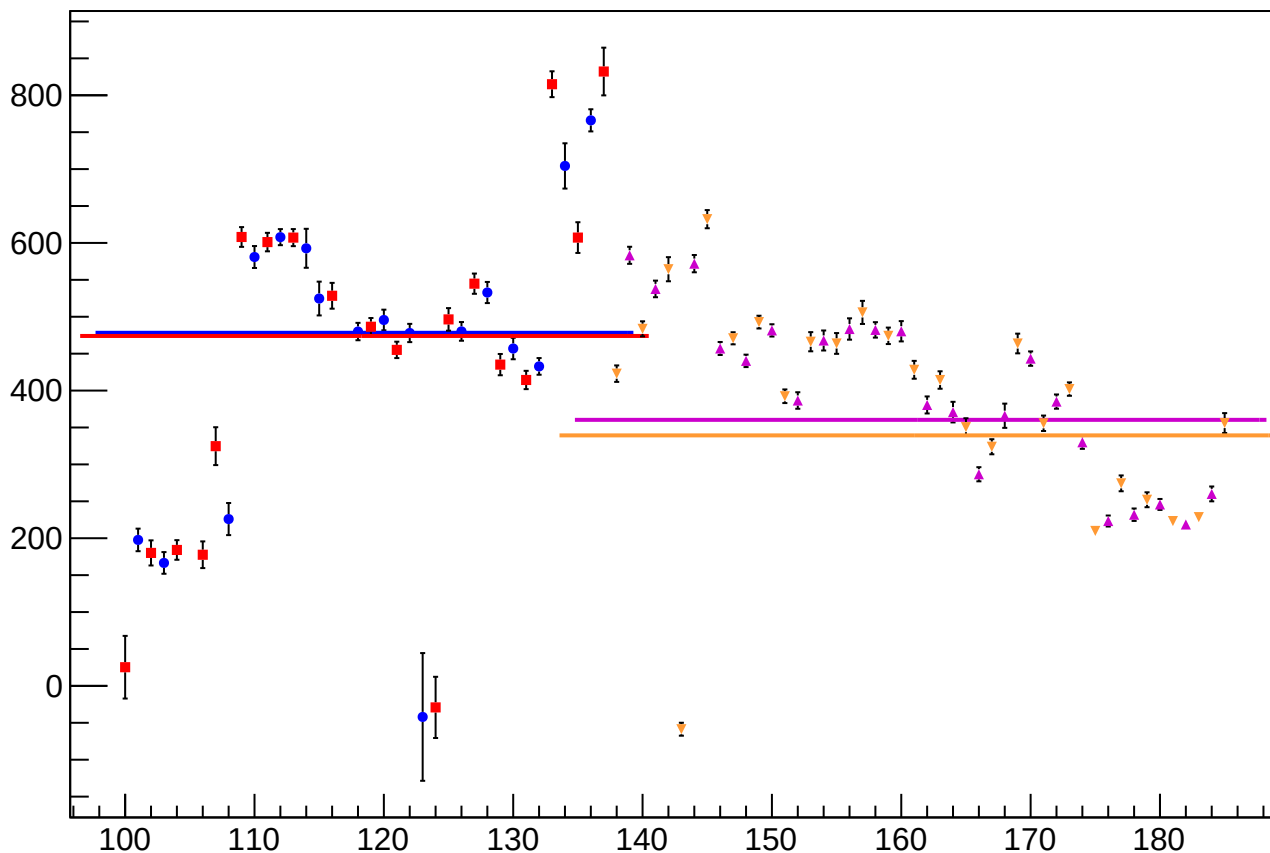
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -1.558 ± 1.209 χ^2/NDF : 580.5/39

Out: 0.953 ± 1.182 χ^2/NDF : 653.5/43

All: -0.275 ± 0.845 χ^2/NDF : 1236.2/83

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: 339.307 $\pm$ 1.962 χ^2 /NDF: 5502.8/24

Right Out: 473.977 $\pm$ 3.529 χ^2 /NDF: 2288.3/18

Left In: 360.355 $\pm$ 1.996 χ^2 /NDF: 3449.9/22

Left: 349.653 $\pm$ 1.399 χ^2 /NDF: 9009.3/47

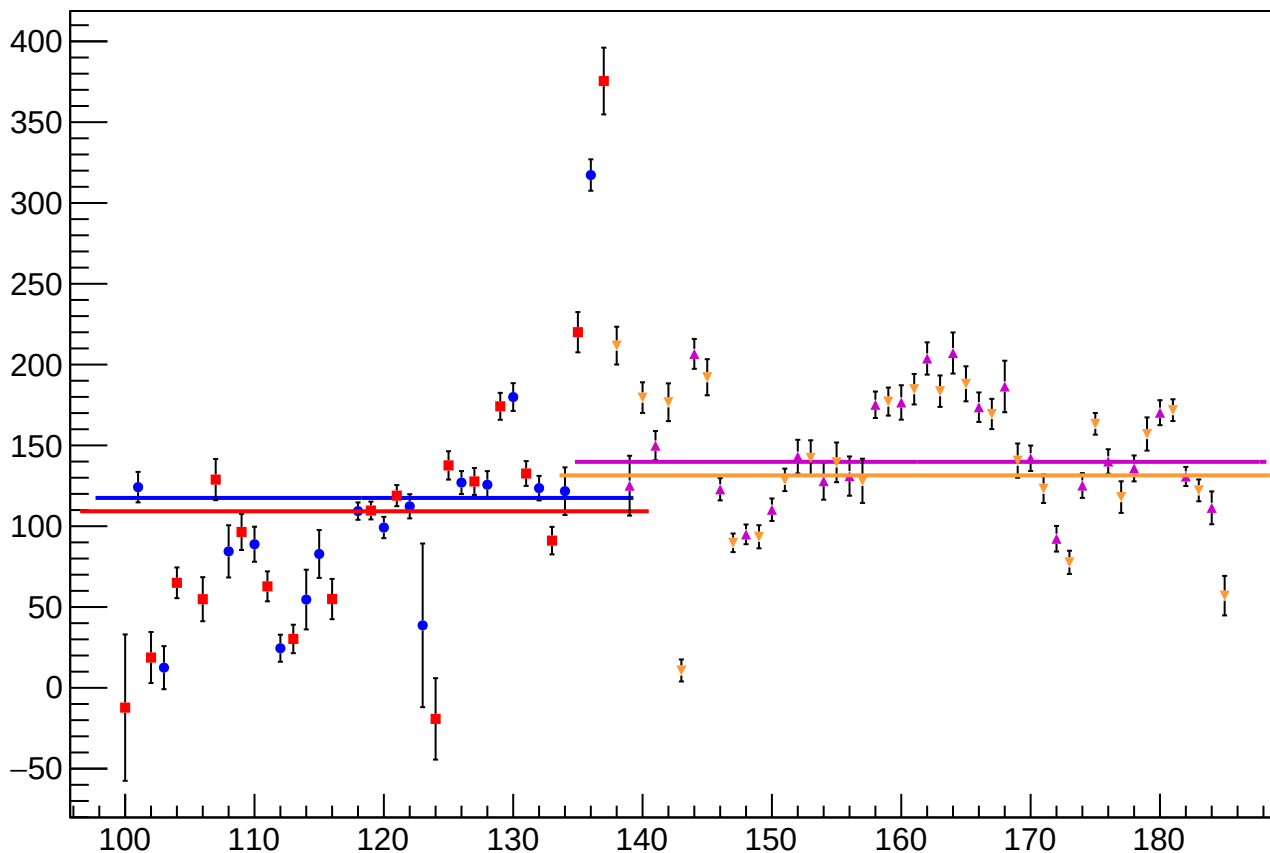
Right: 476.056 $\pm$ 2.533 χ^2 /NDF: 3917.0/35

In: 387.625 $\pm$ 1.750 χ^2 /NDF: 5885.3/39

Out: 371.104 $\pm$ 1.715 χ^2 /NDF: 8903.5/43

All: 379.199 $\pm$ 1.225 χ^2 /NDF: 14834.3/83

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: 131.463 $\pm$ 1.727 χ^2 /NDF:809.0/24

Right Out: 109.247 $\pm$ 2.206 χ^2 /NDF: 569.4/18

Left In: 139.828 $\pm$ 1.790 χ^2 /NDF:321.7/22

Left: 135.497 $\pm$ 1.243 χ^2 /NDF: 1142.0/47

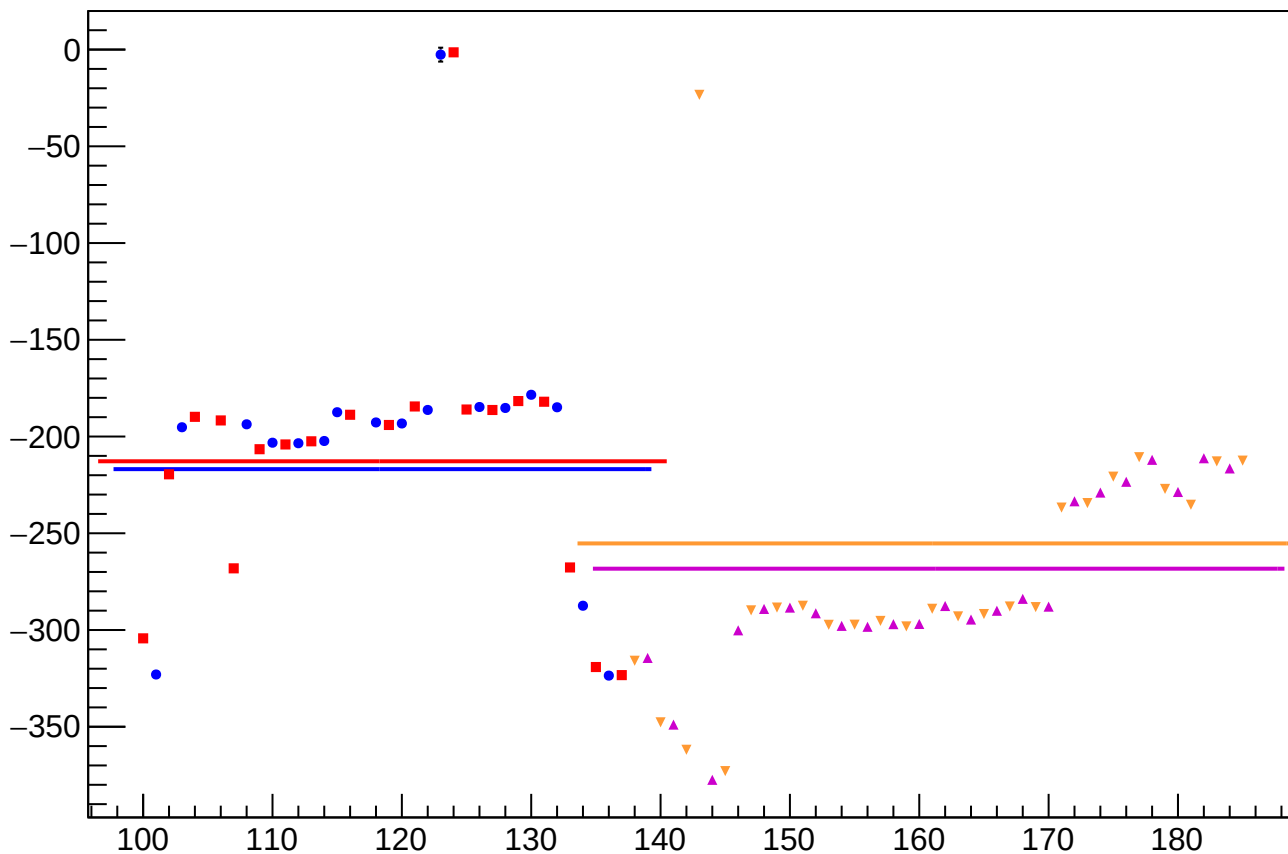
Right: 113.390 $\pm$ 1.557 χ^2 /NDF: 1282.4/35

In: 130.926 $\pm$ 1.388 χ^2 /NDF:1089.7/39

Out: 123.020 $\pm$ 1.360 χ^2 /NDF:1441.3/43

All: 126.893 $\pm$ 0.971 χ^2 /NDF: 2547.5/83

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855+/-0.136 χ^2/NDF : 146927.1/16

Left Out: -255.251+/-0.082 χ^2/NDF : 728110.5/24

Right Out: -212.793+/-0.130 χ^2/NDF : 116590.7/18

Left In: -268.305+/-0.083 χ^2/NDF : 264853.3/22

Left: -261.673+/-0.058 χ^2/NDF : 1005450.6/47

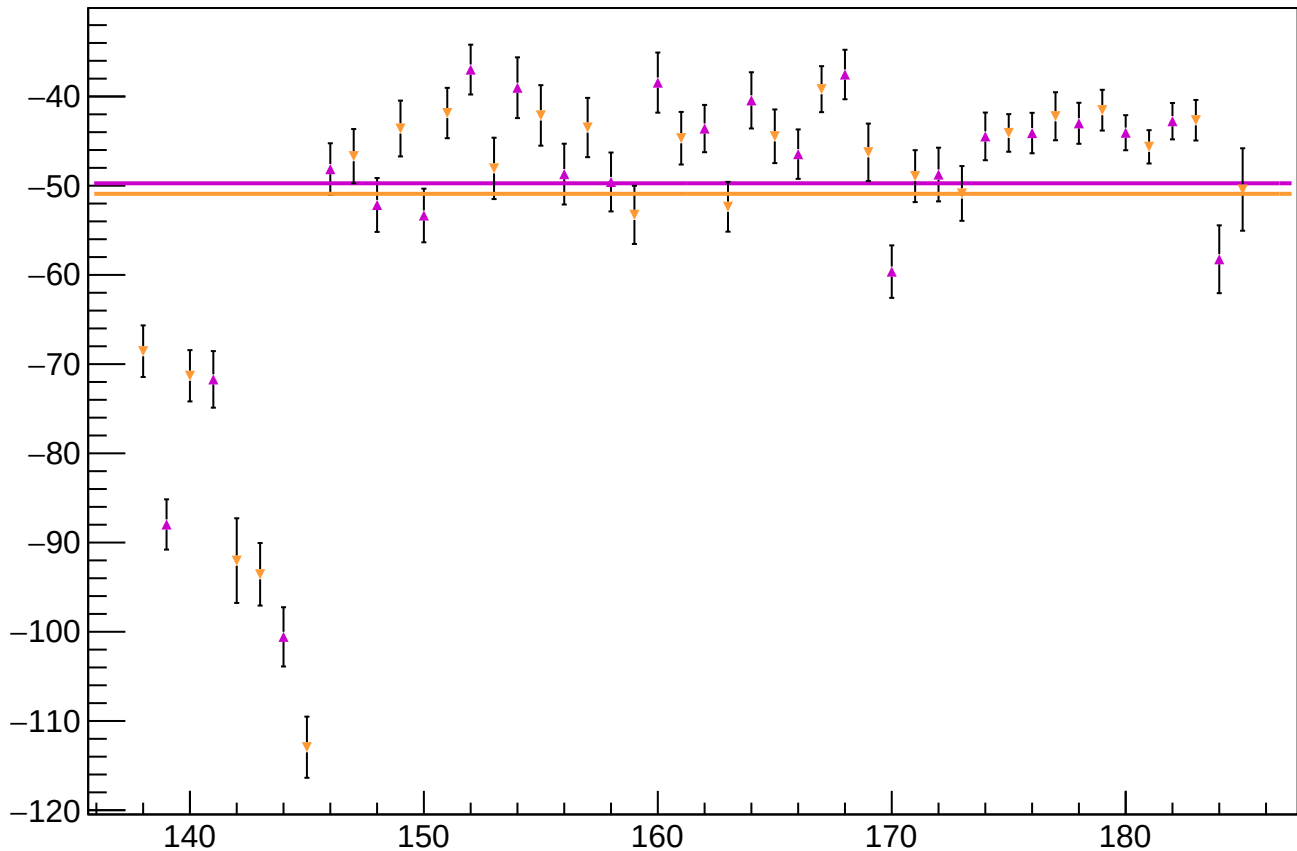
Right: -214.736+/-0.094 χ^2/NDF : 263984.4/35

In: -254.256+/-0.071 χ^2/NDF : 516034.7/39

Out: -243.187+/-0.069 χ^2/NDF : 920982.3/43

All: -248.590+/-0.050 χ^2/NDF : 1449459.2/83

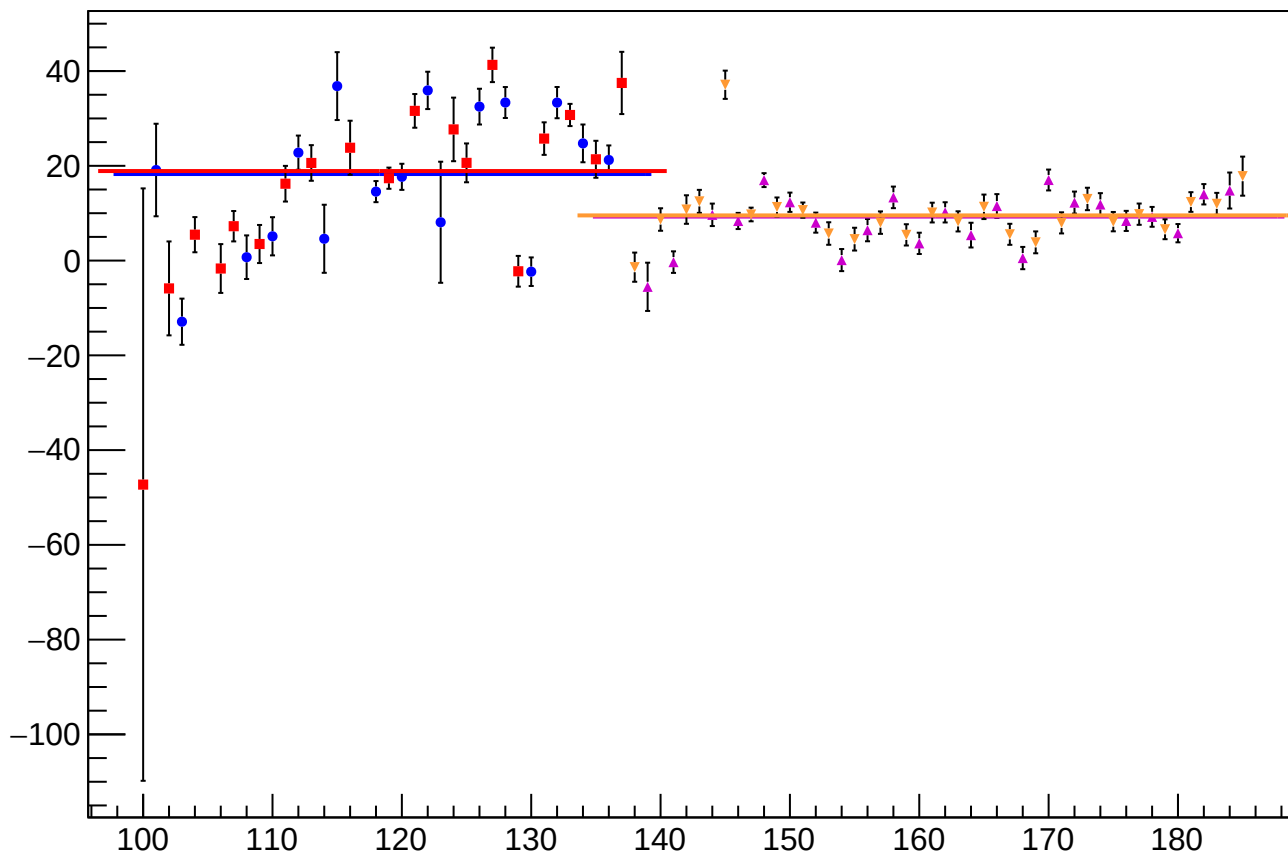
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -50.909 ± 0.573 $\chi^2/\text{NDF}: 760.1/24$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$

Left: -50.327 ± 0.408 $\chi^2/\text{NDF}: 1363.1/47$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -49.728 ± 0.581 $\chi^2/\text{NDF}: 601.0/22$
 Out: -50.909 ± 0.573 $\chi^2/\text{NDF}: 760.1/24$
 All: -50.327 ± 0.408 $\chi^2/\text{NDF}: 1363.1/47$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 χ^2/NDF : 208.3/16

Left Out: 9.534 ± 0.446 χ^2/NDF : 134.2/24

Right Out: 18.897 ± 0.864 χ^2/NDF : 199.2/18

Left In: 9.289 ± 0.461 χ^2/NDF : 125.6/22

Left: 9.415 ± 0.320 χ^2/NDF : 259.9/47

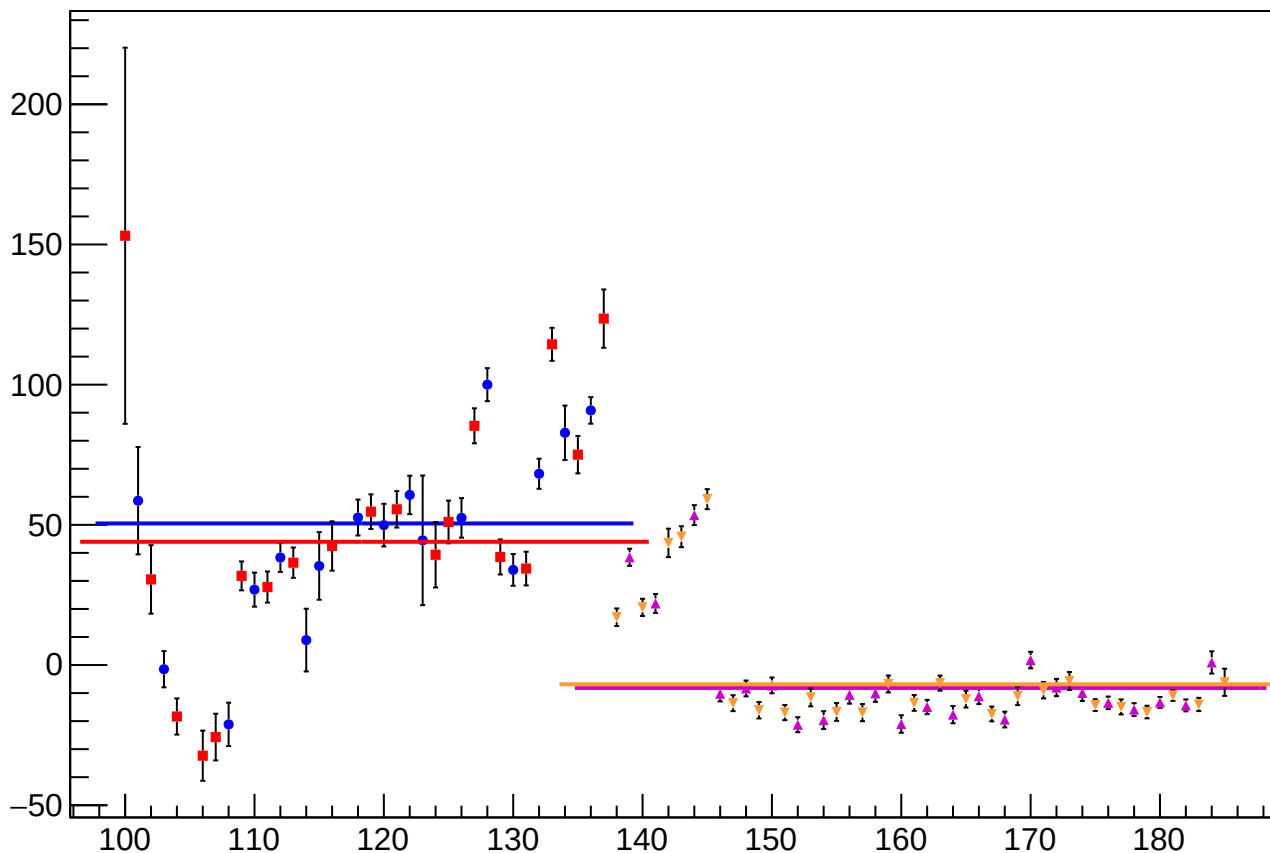
Right: 18.598 ± 0.626 χ^2/NDF : 407.8/35

In: 11.130 ± 0.411 χ^2/NDF : 411.9/39

Out: 11.502 ± 0.396 χ^2/NDF : 426.1/43

All: 11.323 ± 0.285 χ^2/NDF : 838.4/83

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 ± 1.671 $\chi^2/\text{NDF}: 363.2/16$

Left Out: -6.874 ± 0.571 $\chi^2/\text{NDF}: 913.1/24$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -8.158 ± 0.578 $\chi^2/\text{NDF}: 753.9/22$

Left: -7.508 ± 0.406 $\chi^2/\text{NDF}: 1669.5/47$

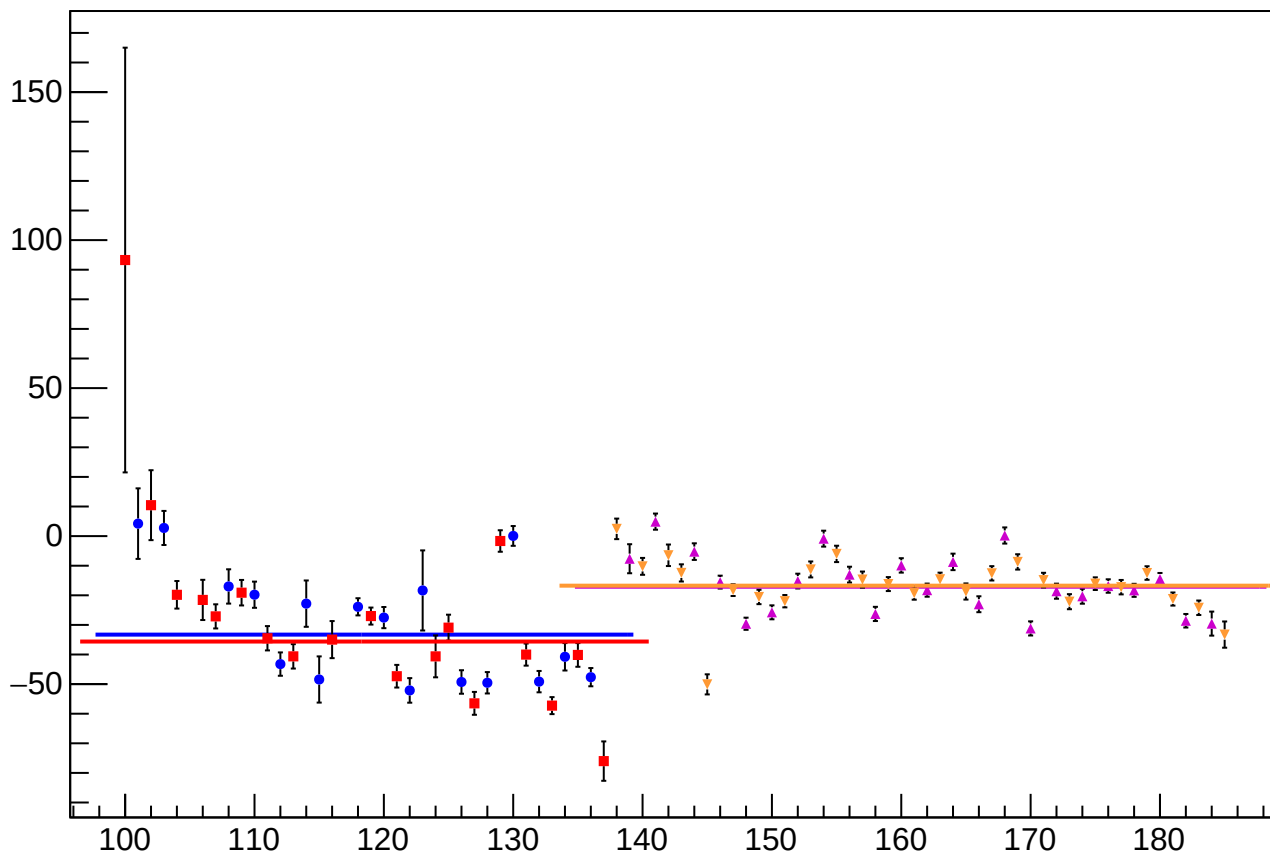
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: -1.895 ± 0.546 $\chi^2/\text{NDF}: 2217.9/39$

Out: -1.155 ± 0.538 $\chi^2/\text{NDF}: 2339.7/43$

All: -1.519 ± 0.383 $\chi^2/\text{NDF}: 4558.5/83$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -16.742 ± 0.507 χ^2/NDF : 222.9/24

Right Out: -35.619 ± 0.993 χ^2/NDF : 287.8/18

Left In: -17.100 ± 0.520 χ^2/NDF : 328.1/22

Left: -16.917 ± 0.363 χ^2/NDF : 551.3/47

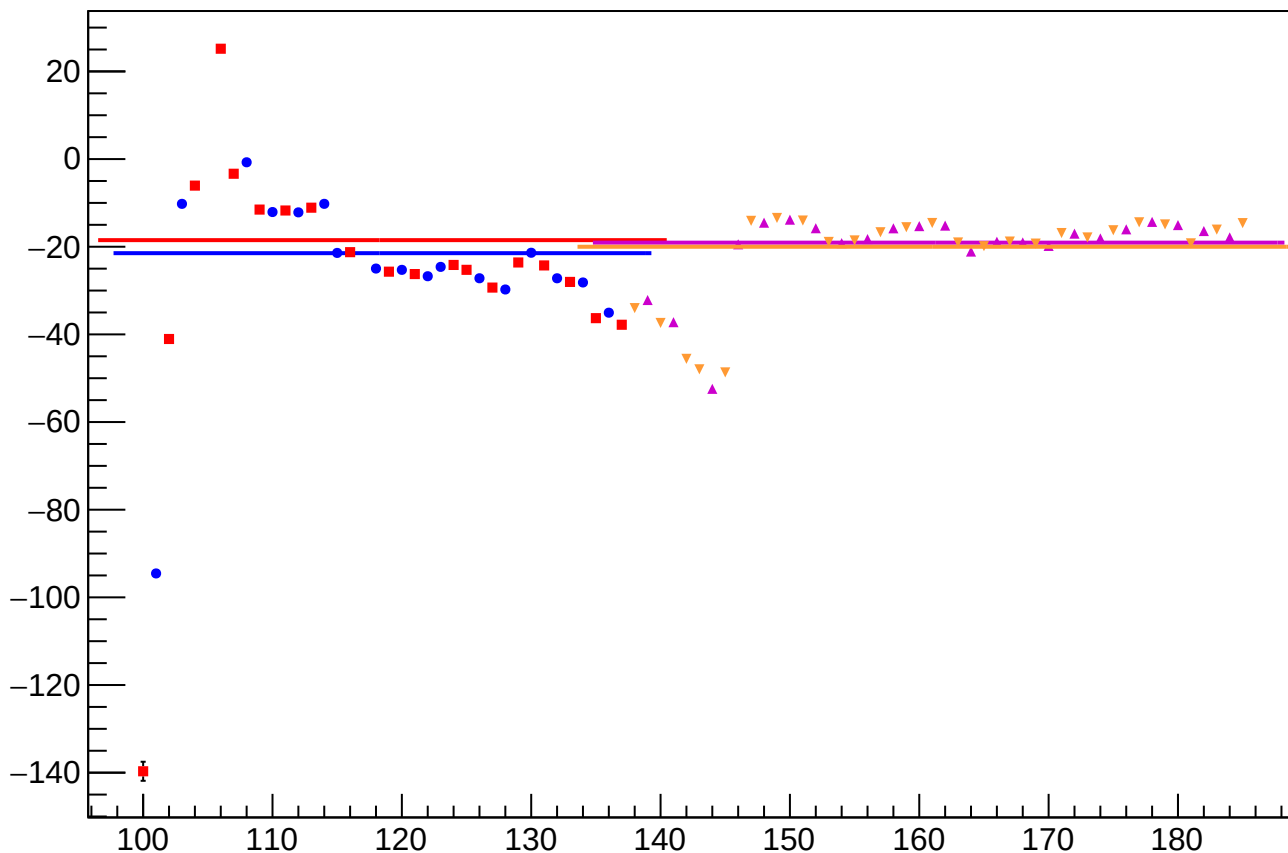
Right: -34.498 ± 0.716 χ^2/NDF : 583.4/35

In: -20.367 ± 0.465 χ^2/NDF : 816.1/39

Out: -20.642 ± 0.451 χ^2/NDF : 797.7/43

All: -20.509 ± 0.324 χ^2/NDF : 1614.0/83

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 $\pm$ 0.059 χ^2 /NDF: 48979.5/16

Left Out: -20.005 $\pm$ 0.023 χ^2 /NDF: 145625.8/24

Right Out: -18.496 $\pm$ 0.057 χ^2 /NDF: 80700.9/18

Left In: -19.068 $\pm$ 0.024 χ^2 /NDF: 92702.3/22

Left: -19.542 $\pm$ 0.017 χ^2 /NDF: 239126.9/47

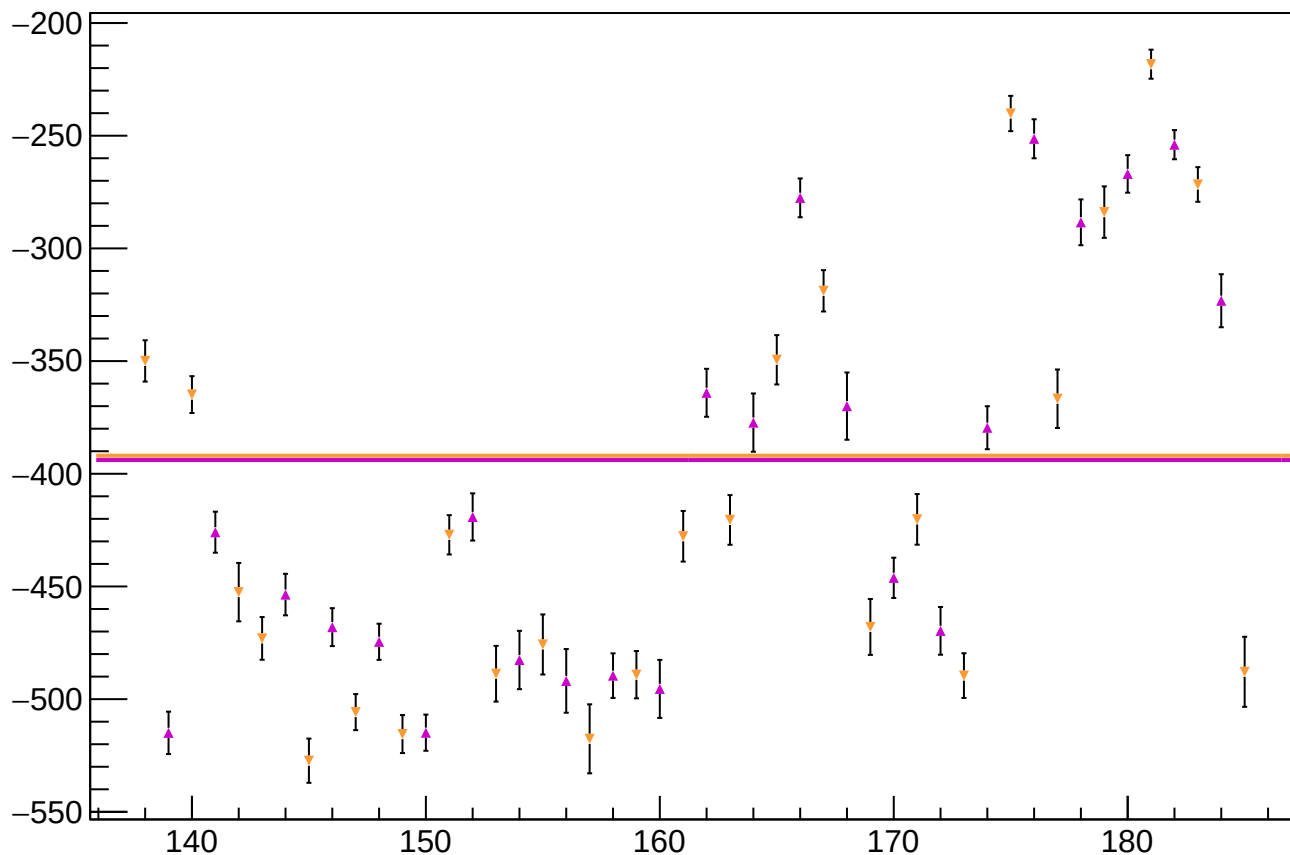
Right: -19.947 $\pm$ 0.041 χ^2 /NDF: 130991.7/35

In: -19.401 $\pm$ 0.022 χ^2 /NDF: 143120.4/39

Out: -19.791 $\pm$ 0.022 χ^2 /NDF: 226920.9/43

All: -19.599 $\pm$ 0.015 χ^2 /NDF: 370202.3/83

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -391.976+/-1.966 χ^2/NDF :2719.1/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Left: -392.924+/-1.401 χ^2/NDF : 5000.4/47

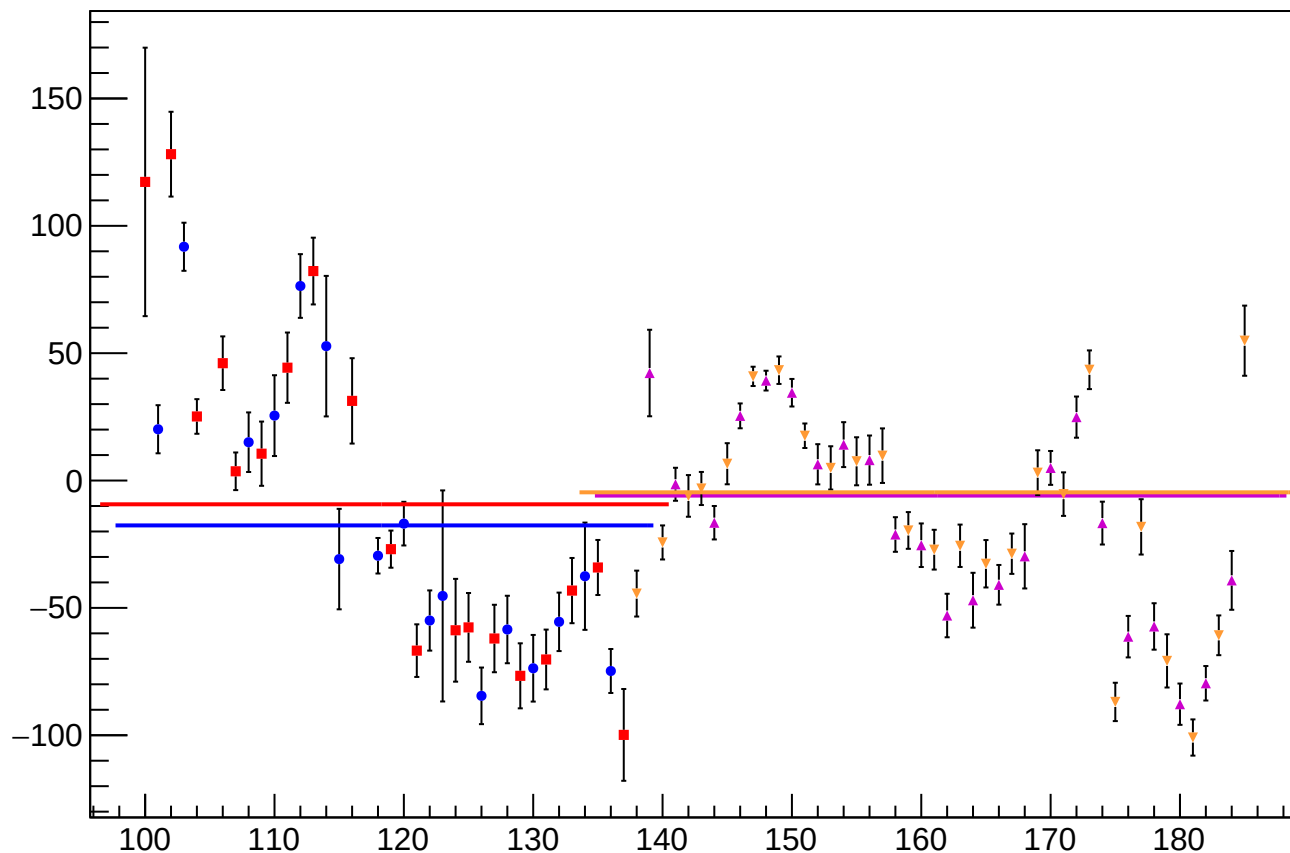
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -393.904+/-1.998 χ^2/NDF :2280.8/22

Out: -391.976+/-1.966 χ^2/NDF :2719.1/24

All: -392.924+/-1.401 χ^2/NDF : 5000.4/47

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 χ^2/NDF : 362.0/16

Left Out: -4.627 ± 1.462 χ^2/NDF : 772.8/24

Right Out: -9.330 ± 2.609 χ^2/NDF : 366.5/18

Left In: -5.906 ± 1.513 χ^2/NDF : 657.5/22

Left: -5.245 ± 1.051 χ^2/NDF : 1430.7/47

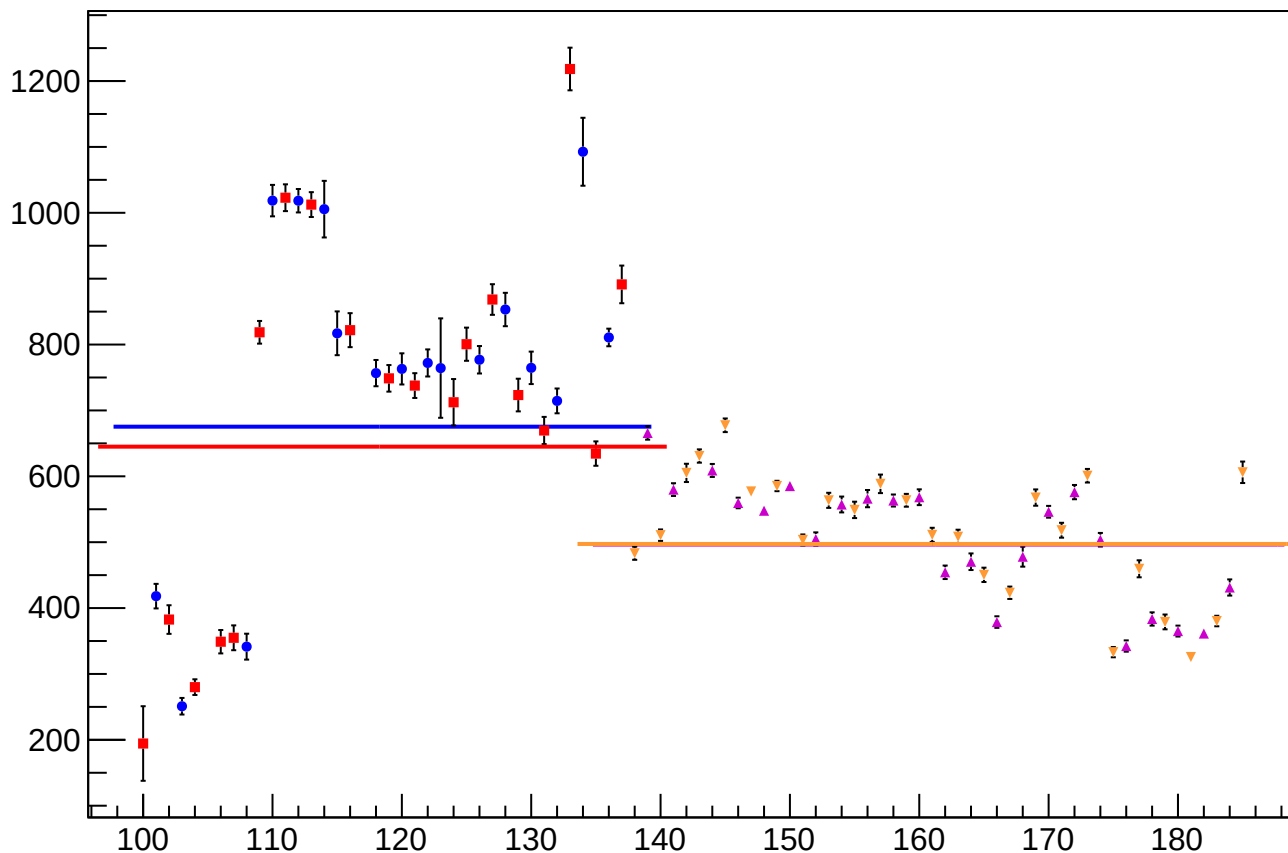
Right: -13.203 ± 1.905 χ^2/NDF : 733.2/35

In: -8.574 ± 1.330 χ^2/NDF : 1033.2/39

Out: -5.751 ± 1.275 χ^2/NDF : 1141.7/43

All: -7.103 ± 0.920 χ^2/NDF : 2177.3/83

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 497.305+/-1.965 χ^2/NDF :2616.5/24

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 496.393+/-1.985 χ^2/NDF :2295.8/22

Left: 496.854+/-1.397 χ^2/NDF : 4912.4/47

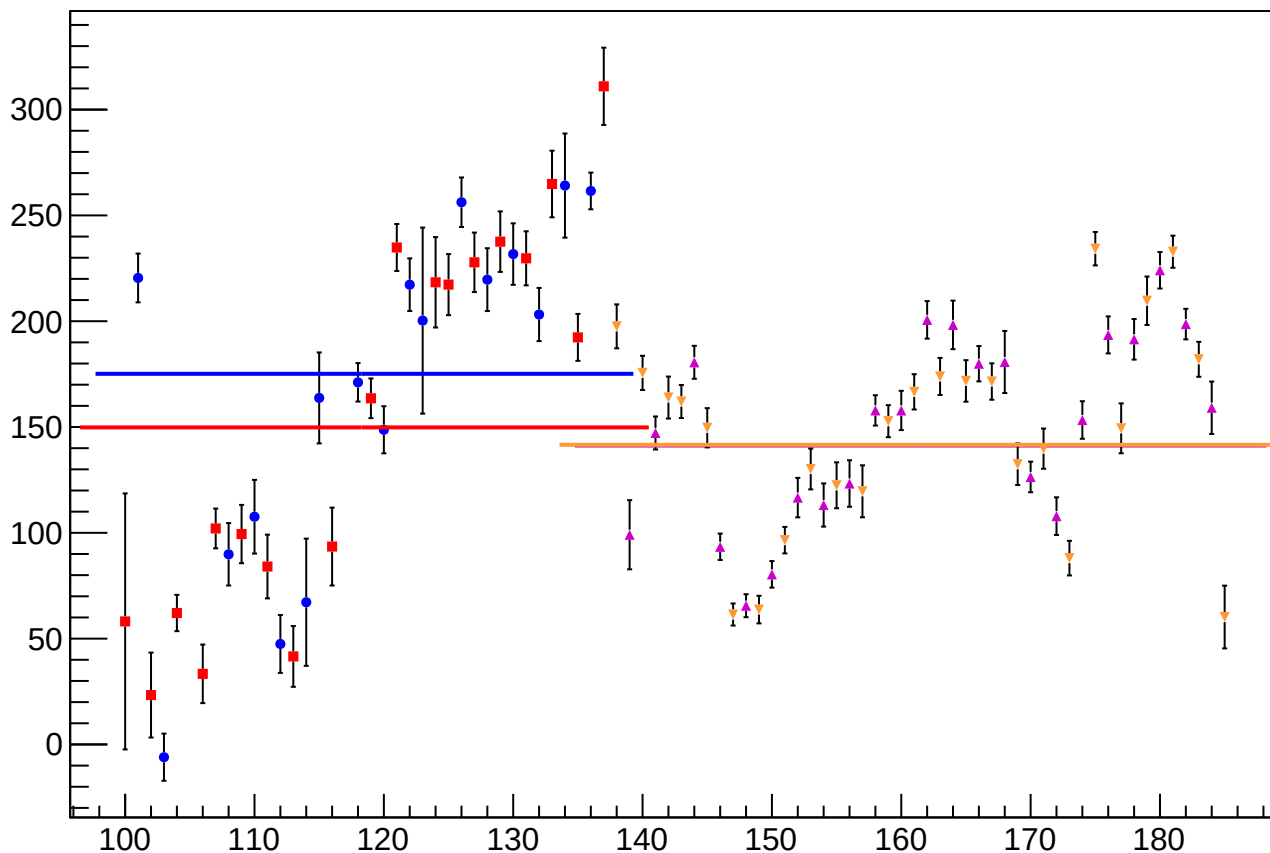
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 520.385+/-1.848 χ^2/NDF :5967.6/39

Out: 518.833+/-1.816 χ^2/NDF :6562.7/43

All: 519.596+/-1.295 χ^2/NDF : 12530.7/83

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 141.591 $\pm$ 1.698 χ^2 /NDF:959.4/24

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 141.248 $\pm$ 1.744 χ^2 /NDF:744.2/22

Left: 141.424 $\pm$ 1.217 χ^2 /NDF: 1703.6/47

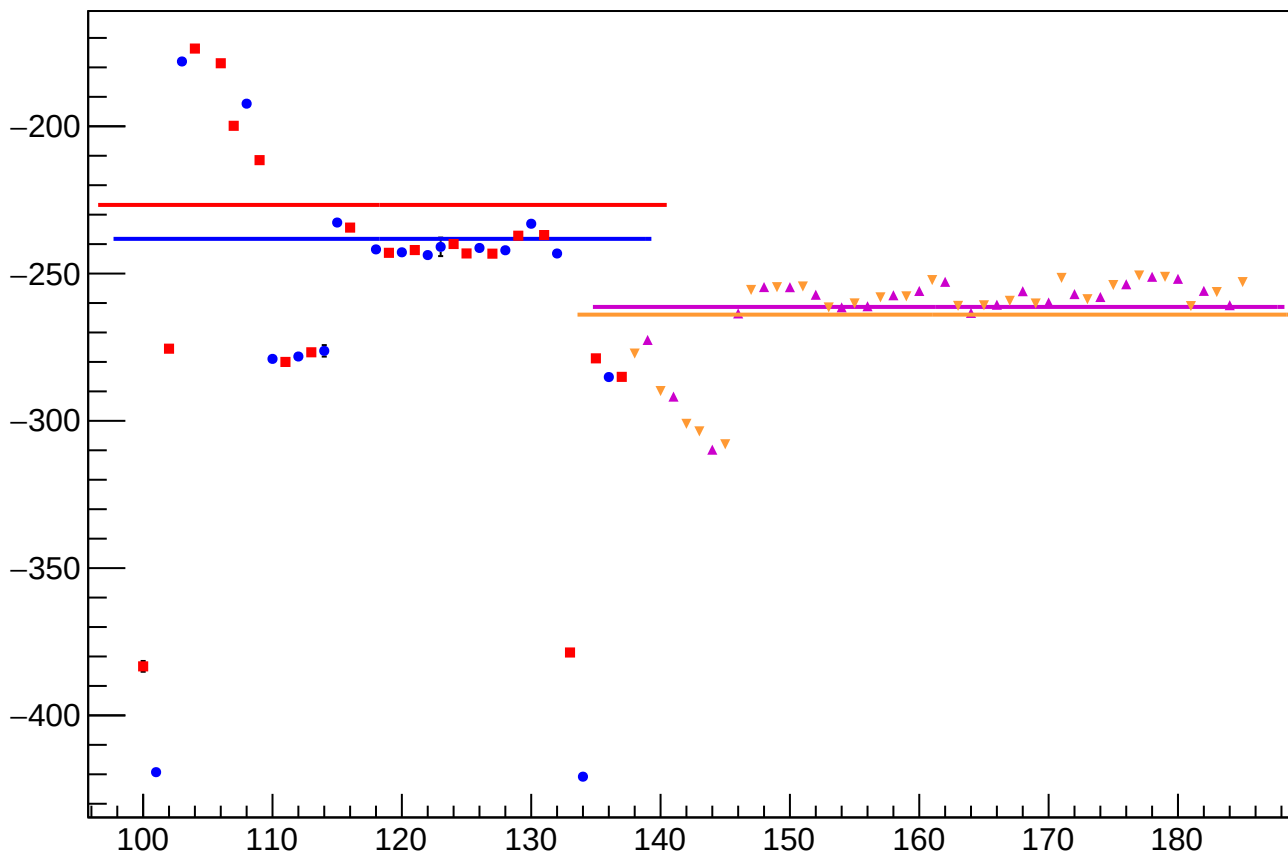
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 148.974 $\pm$ 1.532 χ^2 /NDF:1465.9/39

Out: 143.546 $\pm$ 1.483 χ^2 /NDF:1653.5/43

All: 146.171 $\pm$ 1.065 χ^2 /NDF: 3125.9/83

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -263.942+/-0.081 χ^2/NDF : 39085.5/24

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -261.325+/-0.082 χ^2/NDF : 23449.2/22

Left: -262.640+/-0.058 χ^2/NDF : 63050.8/47

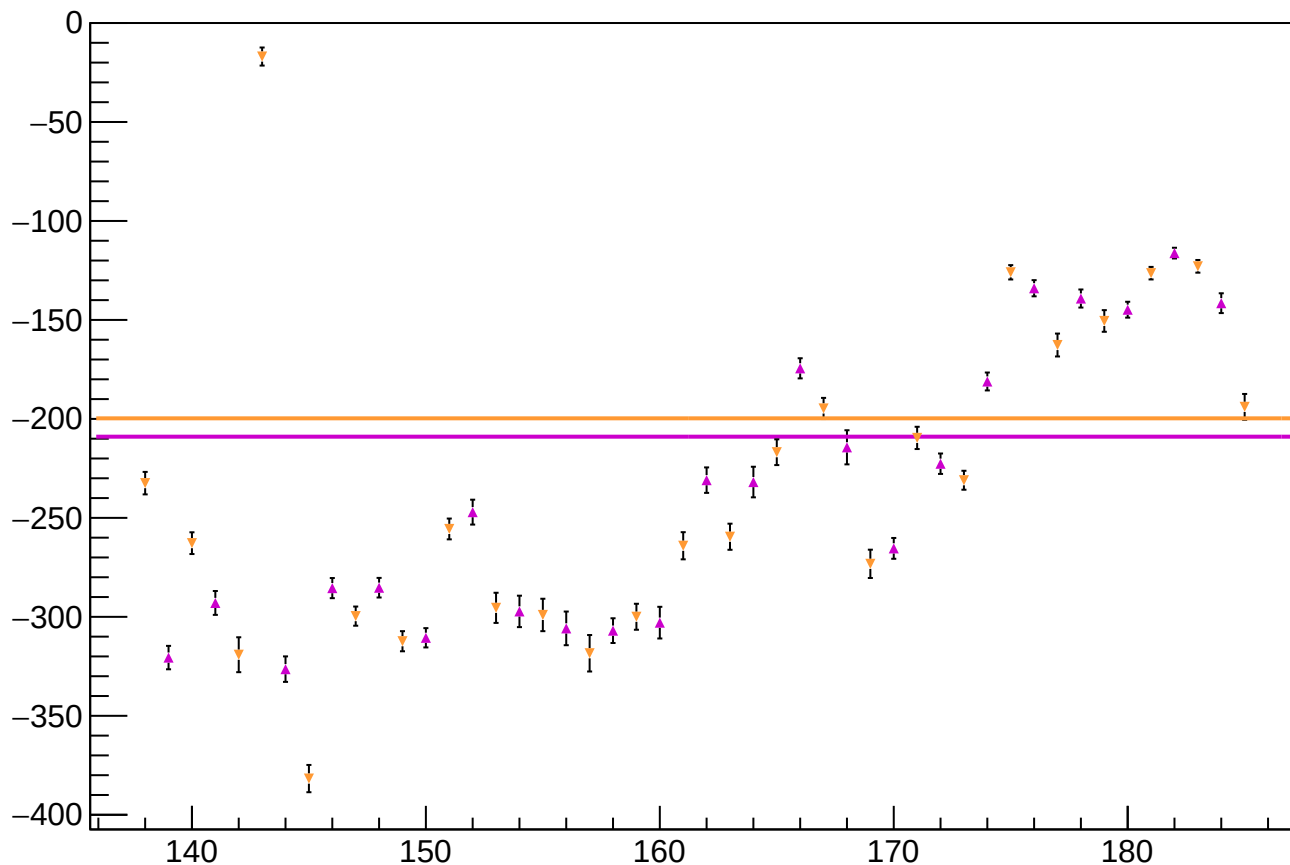
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.554+/-0.073 χ^2/NDF : 207087.4/39

Out: -255.588+/-0.072 χ^2/NDF : 189061.8/43

All: -256.063+/-0.051 χ^2/NDF : 396238.9/83

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -199.715+/-1.061 χ^2/NDF : 6361.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

Left: -204.273+/-0.756 χ^2/NDF : 11264.5/47

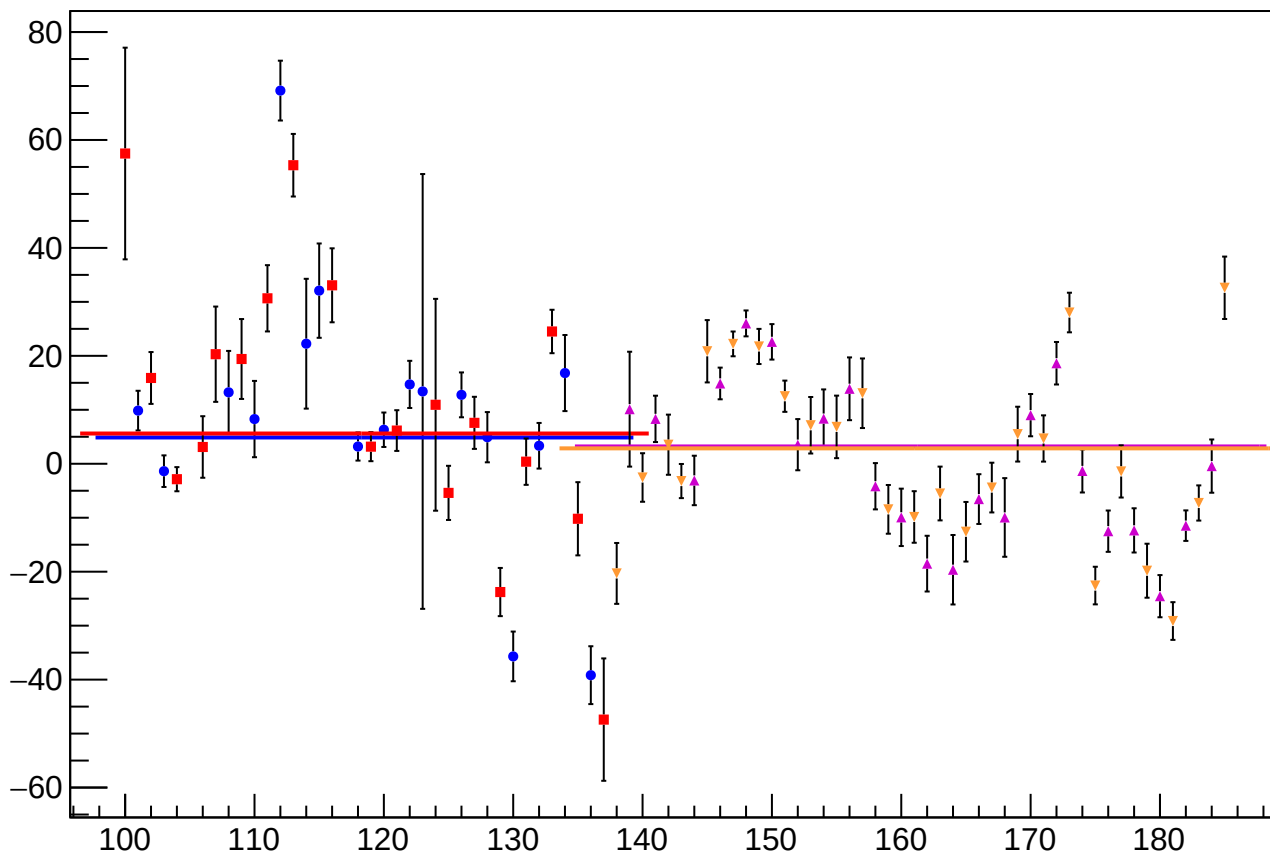
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -208.981+/-1.078 χ^2/NDF : 4865.2/22

Out: -199.715+/-1.061 χ^2/NDF : 6361.7/24

All: -204.273+/-0.756 χ^2/NDF : 11264.5/47

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 2.854 ± 0.820 $\chi^2/\text{NDF}: 419.8/24$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 3.208 ± 0.854 $\chi^2/\text{NDF}: 323.8/22$

Left: 3.024 ± 0.591 $\chi^2/\text{NDF}: 743.7/47$

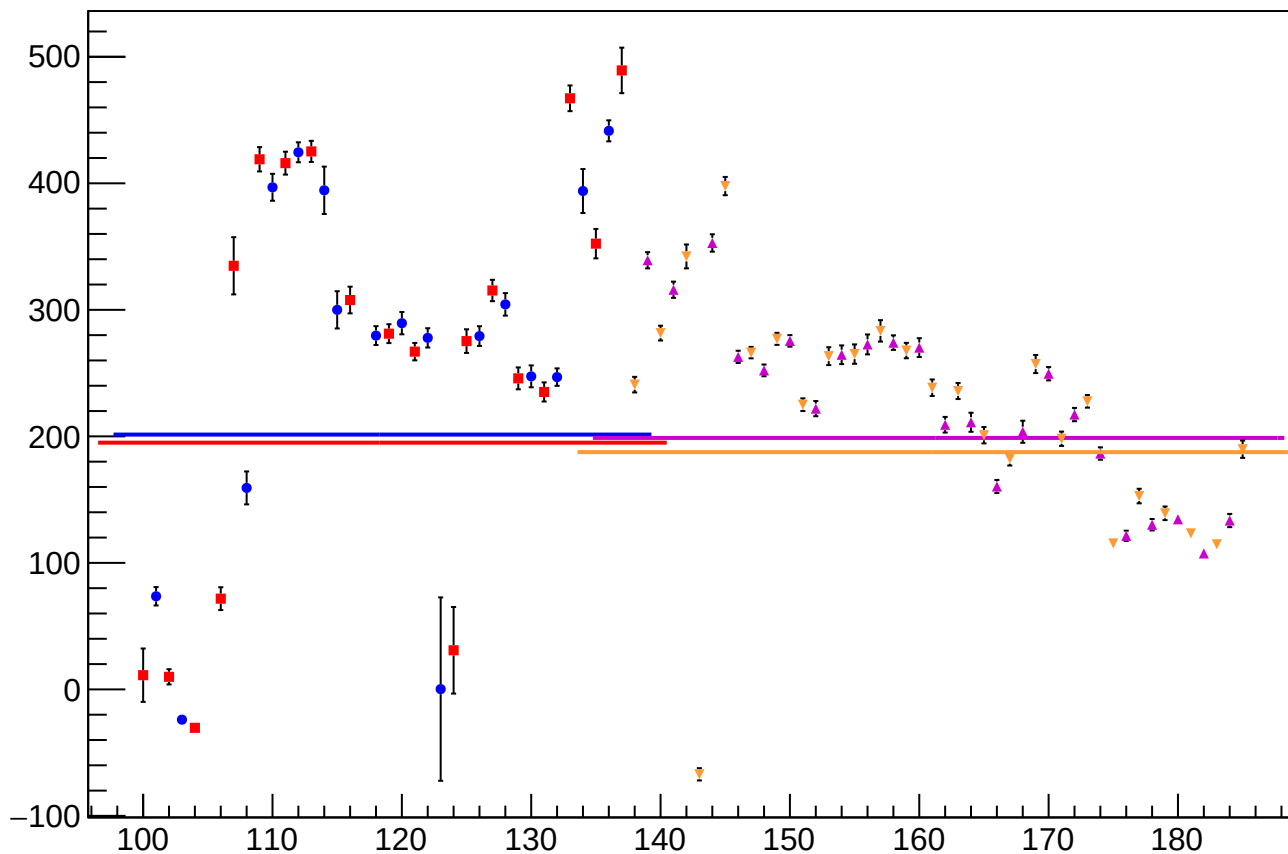
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 3.840 ± 0.673 $\chi^2/\text{NDF}: 636.8/39$

Out: 3.872 ± 0.651 $\chi^2/\text{NDF}: 662.5/43$

All: 3.857 ± 0.468 $\chi^2/\text{NDF}: 1299.3/83$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 187.540 $\pm$ 1.066 χ^2 /NDF: 7082.2/24

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 198.762 $\pm$ 1.078 χ^2 /NDF: 4590.0/22

Left: 193.086 $\pm$ 0.758 χ^2 /NDF: 11727.1/47

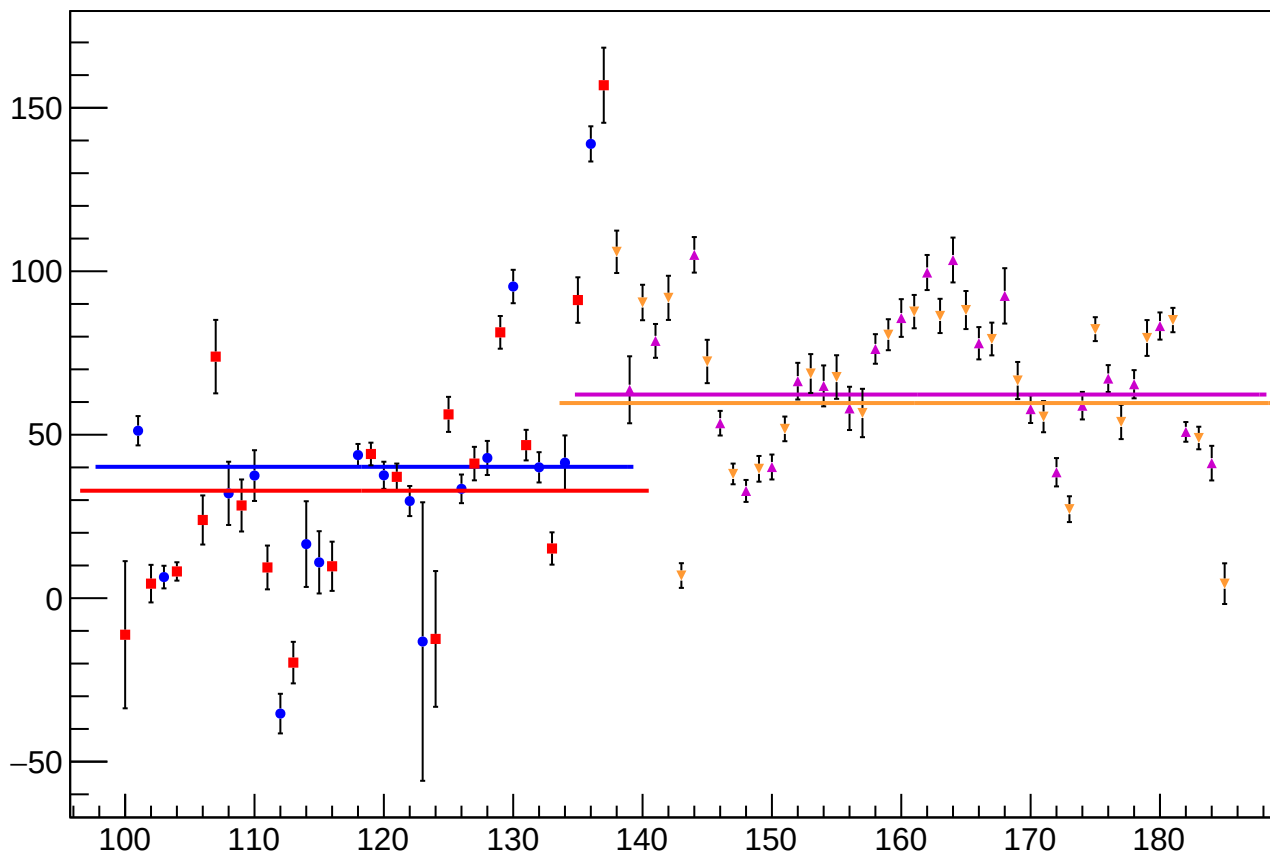
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 199.369 $\pm$ 0.946 χ^2 /NDF: 11331.8/39

Out: 189.298 $\pm$ 0.932 χ^2 /NDF: 15348.5/43

All: 194.259 $\pm$ 0.664 χ^2 /NDF: 26737.8/83

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 59.689 ± 0.940 $\chi^2/\text{NDF}: 757.6/24$

Right Out: 32.873 ± 1.251 $\chi^2/\text{NDF}: 551.0/18$

Left In: 62.290 ± 0.971 $\chi^2/\text{NDF}: 411.6/22$

Left: 60.948 ± 0.676 $\chi^2/\text{NDF}: 1173.0/47$

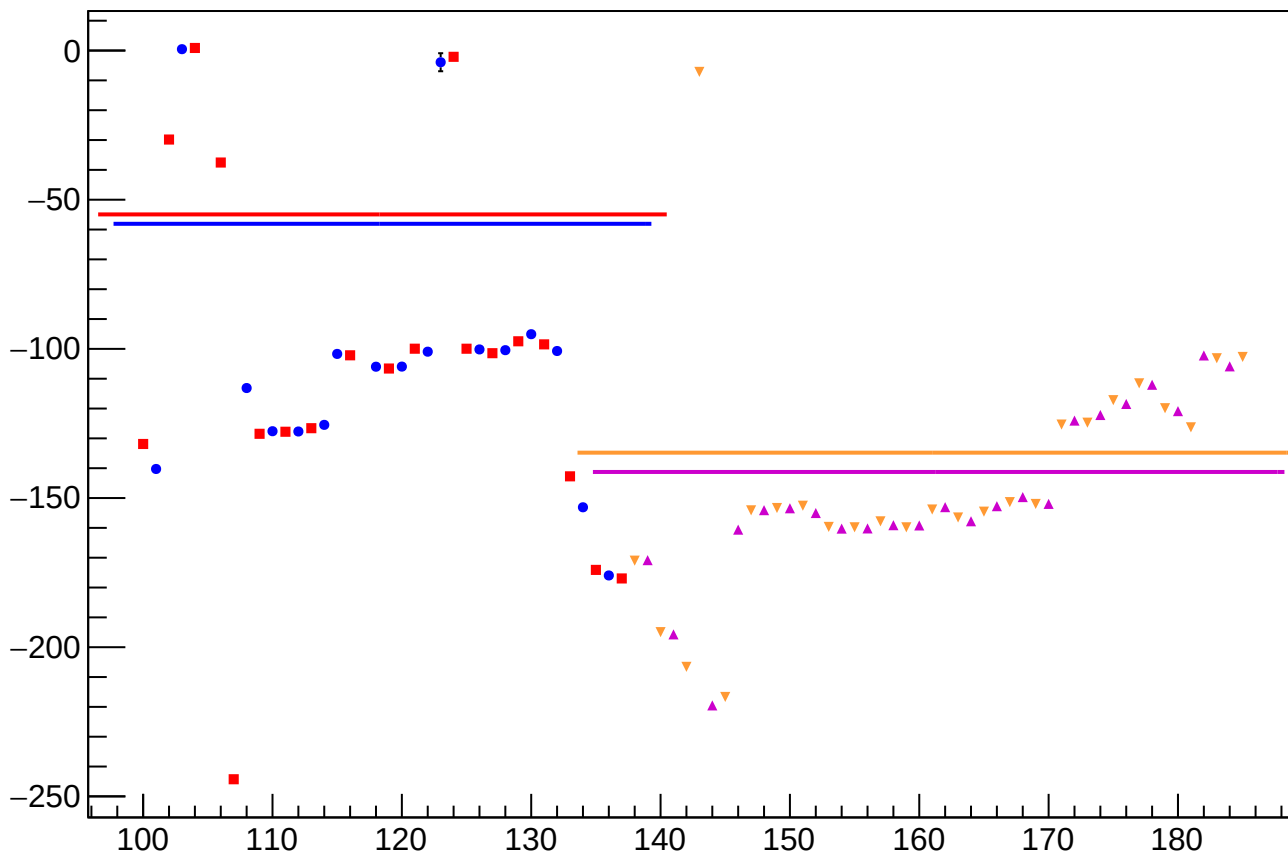
Right: 36.473 ± 0.891 $\chi^2/\text{NDF}: 1301.8/35$

In: 54.131 ± 0.771 $\chi^2/\text{NDF}: 1336.9/39$

Out: 50.005 ± 0.752 $\chi^2/\text{NDF}: 1602.3/43$

All: 52.014 ± 0.538 $\chi^2/\text{NDF}: 2953.8/83$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -134.789 $\pm$ 0.044 χ^2 /NDF: 804828.0/24

Right Out: -54.929 $\pm$ 0.060 χ^2 /NDF: 1003908.6/18

Left In: -141.259 $\pm$ 0.045 χ^2 /NDF: 350045.9/22

Left: -137.980 $\pm$ 0.032 χ^2 /NDF: 1165303.5/47

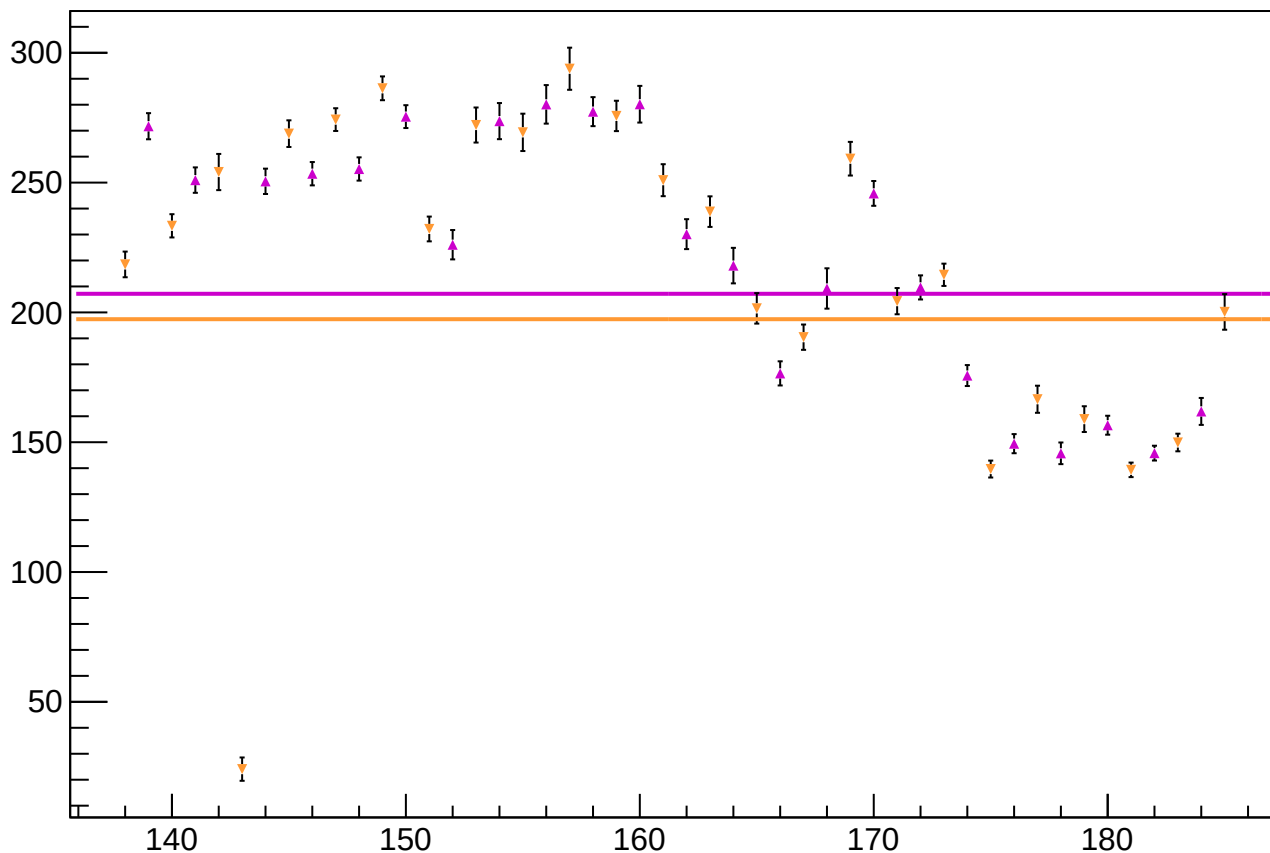
Right: -56.466 $\pm$ 0.043 χ^2 /NDF: 2109681.6/35

In: -112.238 $\pm$ 0.036 χ^2 /NDF: 2640985.8/39

Out: -106.580 $\pm$ 0.036 χ^2 /NDF: 2946849.3/43

All: -109.360 $\pm$ 0.026 χ^2 /NDF: 5600126.0/83

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 197.386+/-0.963 χ^2/NDF :4384.5/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Left: 202.161+/-0.689 χ^2/NDF : 7066.5/47

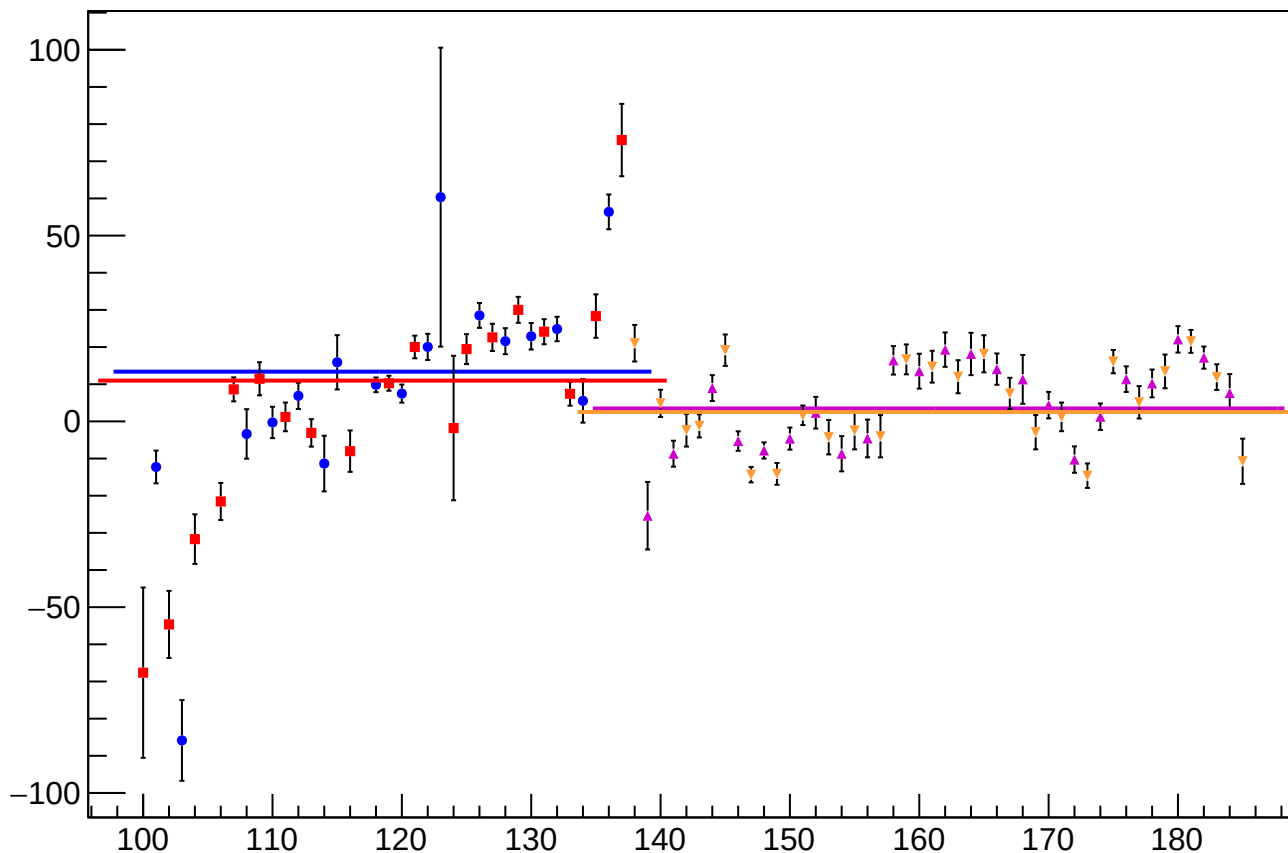
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 207.171+/-0.986 χ^2/NDF :2631.6/22

Out: 197.386+/-0.963 χ^2/NDF :4384.5/24

All: 202.161+/-0.689 χ^2/NDF : 7066.5/47

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2/NDF : 294.1/16

Left Out: 2.538 $\pm$ 0.741 χ^2/NDF : 275.2/24

Right Out: 10.975 $\pm$ 0.915 χ^2/NDF : 304.0/18

Left In: 3.478 $\pm$ 0.772 χ^2/NDF : 194.7/22

Left: 2.989 $\pm$ 0.534 χ^2/NDF : 470.7/47

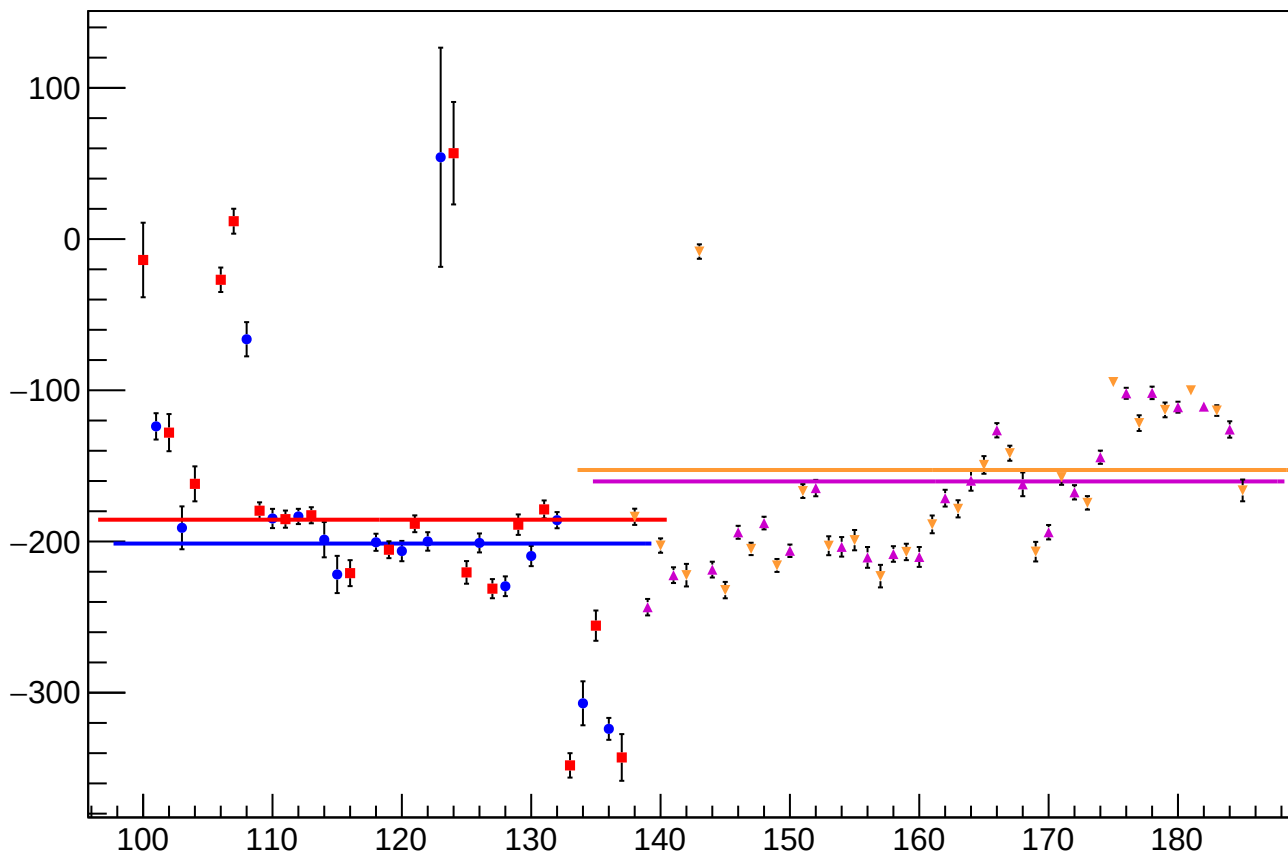
Right: 12.172 $\pm$ 0.649 χ^2/NDF : 601.5/35

In: 7.565 $\pm$ 0.592 χ^2/NDF : 556.7/39

Out: 5.880 $\pm$ 0.576 χ^2/NDF : 630.6/43

All: 6.699 $\pm$ 0.413 χ^2/NDF : 1191.5/83

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -152.714 ± 0.967 χ^2/NDF : 3078.3/24

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -160.279 ± 0.985 χ^2/NDF : 2049.4/22

Left: -156.426 ± 0.690 χ^2/NDF : 5157.8/47

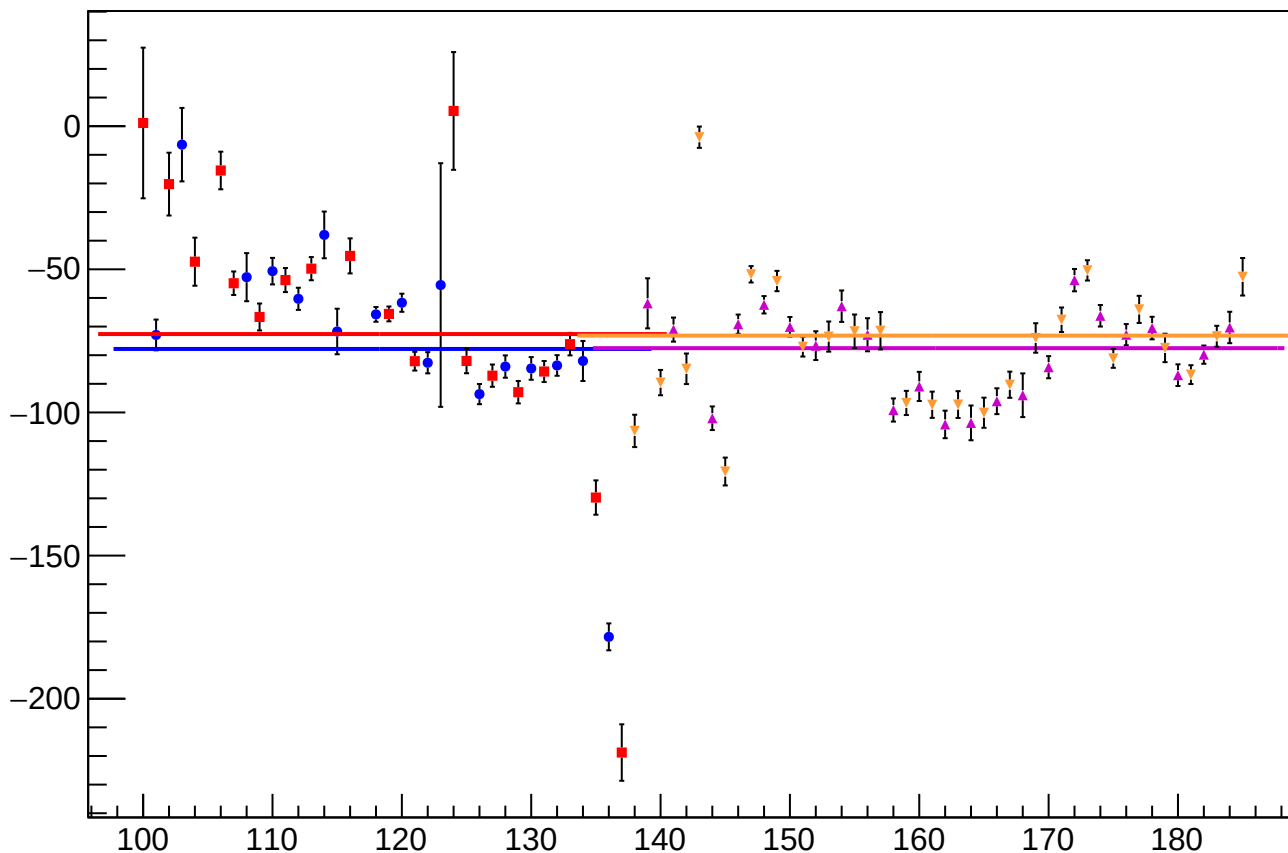
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -169.881 ± 0.862 χ^2/NDF : 3081.1/39

Out: -160.751 ± 0.840 χ^2/NDF : 5109.3/43

All: -165.198 ± 0.602 χ^2/NDF : 8247.9/83

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.157 ± 0.851 χ^2/NDF : 787.9/24

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.545 ± 0.880 χ^2/NDF : 252.7/22

Left: -75.277 ± 0.612 χ^2/NDF : 1053.5/47

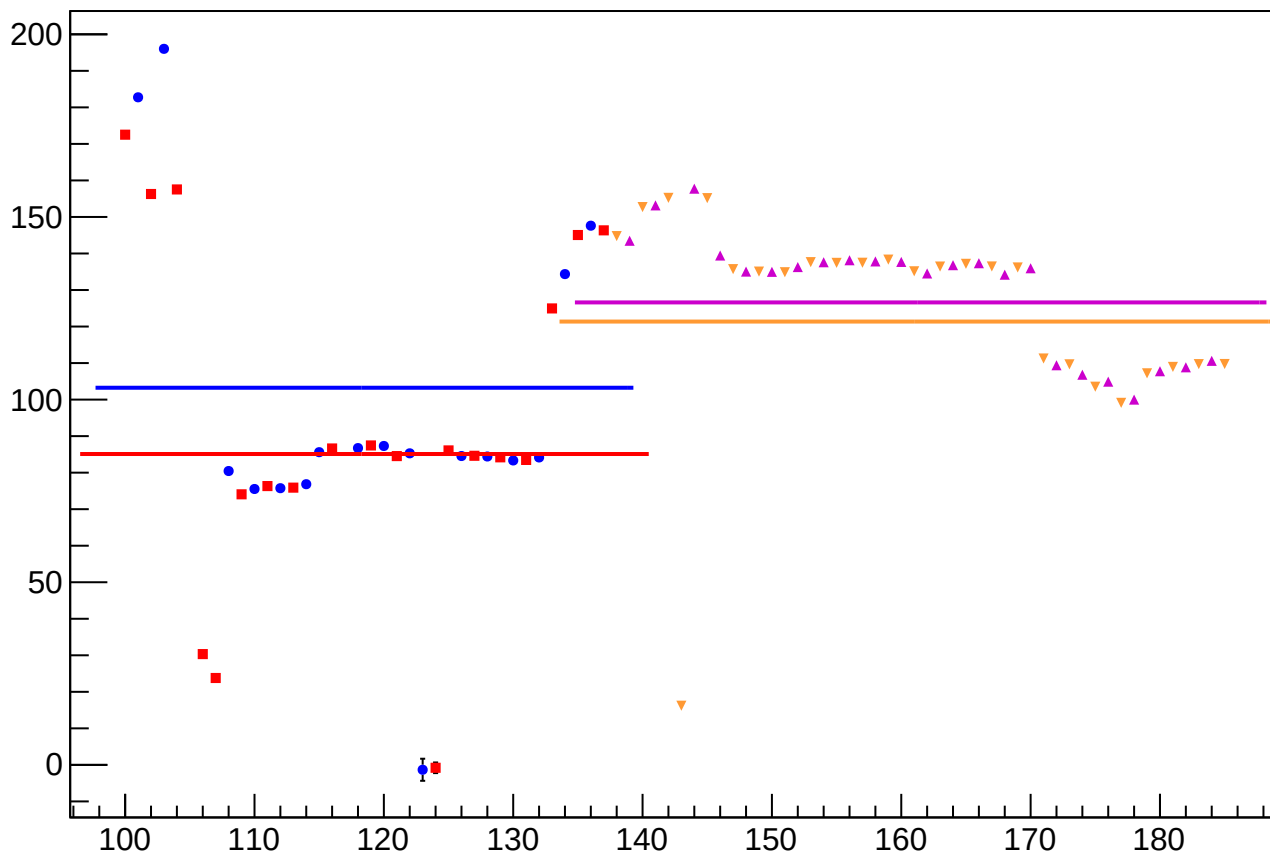
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.656 ± 0.679 χ^2/NDF : 909.1/39

Out: -72.943 ± 0.662 χ^2/NDF : 1395.0/43

All: -75.238 ± 0.474 χ^2/NDF : 2328.8/83

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 121.364 $\pm$ 0.040 χ^2 /NDF: 482065.0/24

Right Out: 85.105 $\pm$ 0.064 χ^2 /NDF: 423525.6/18

Left In: 126.605 $\pm$ 0.041 χ^2 /NDF: 164757.9/22

Left: 123.946 $\pm$ 0.029 χ^2 /NDF: 655155.6/47

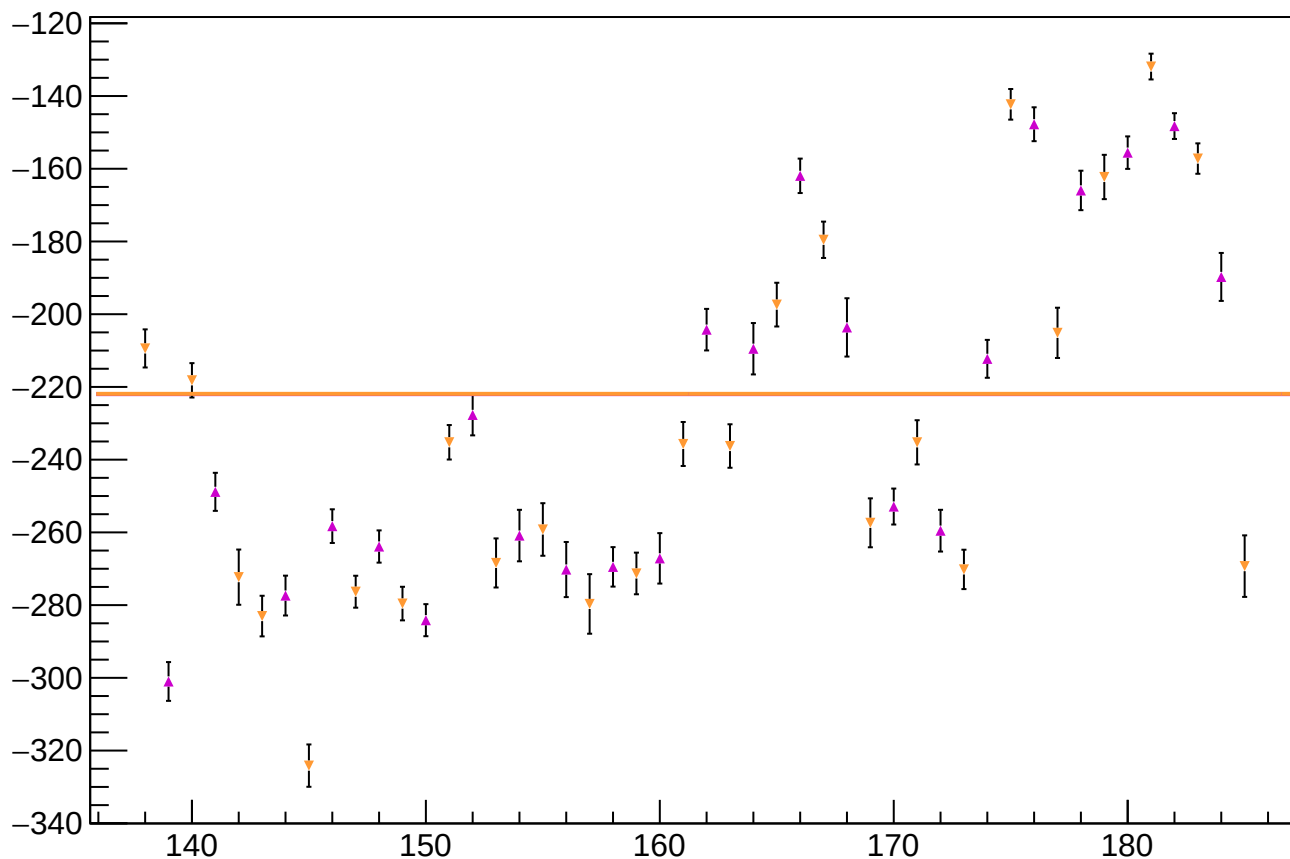
Right: 93.266 $\pm$ 0.047 χ^2 /NDF: 733393.3/35

In: 120.720 $\pm$ 0.035 χ^2 /NDF: 520356.1/39

Out: 111.005 $\pm$ 0.034 χ^2 /NDF: 1136963.6/43

All: 115.679 $\pm$ 0.025 χ^2 /NDF: 1696479.4/83

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -221.901+/-1.084 χ^2/NDF :2579.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Left: -221.940+/-0.771 χ^2/NDF : 4770.3/47

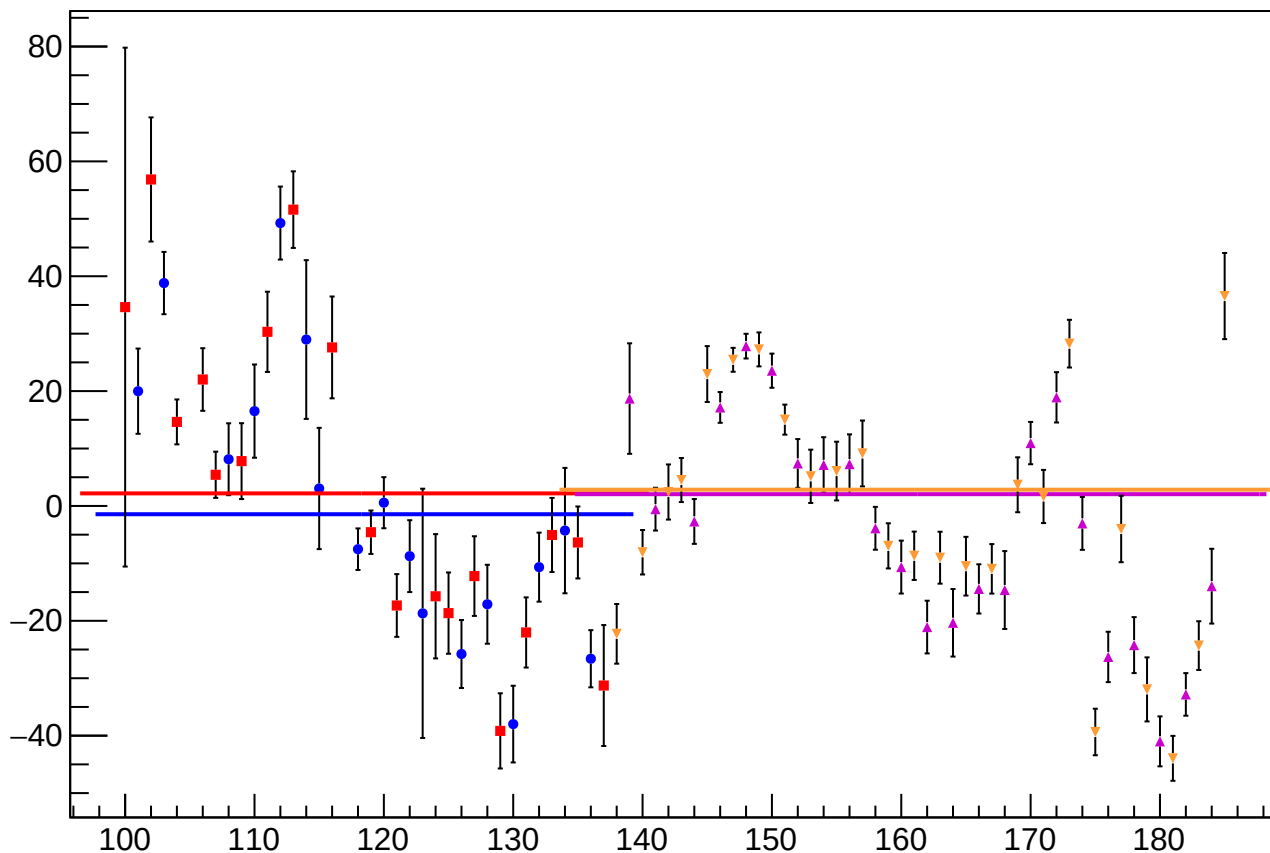
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -221.980+/-1.098 χ^2/NDF :2190.6/22

Out: -221.901+/-1.084 χ^2/NDF :2579.7/24

All: -221.940+/-0.771 χ^2/NDF : 4770.3/47

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: 2.832 ± 0.807 $\chi^2/\text{NDF}: 686.7/24$

Right Out: 2.188 ± 1.400 $\chi^2/\text{NDF}: 230.7/18$

Left In: 2.050 ± 0.833 $\chi^2/\text{NDF}: 592.6/22$

Left: 2.454 ± 0.580 $\chi^2/\text{NDF}: 1279.8/47$

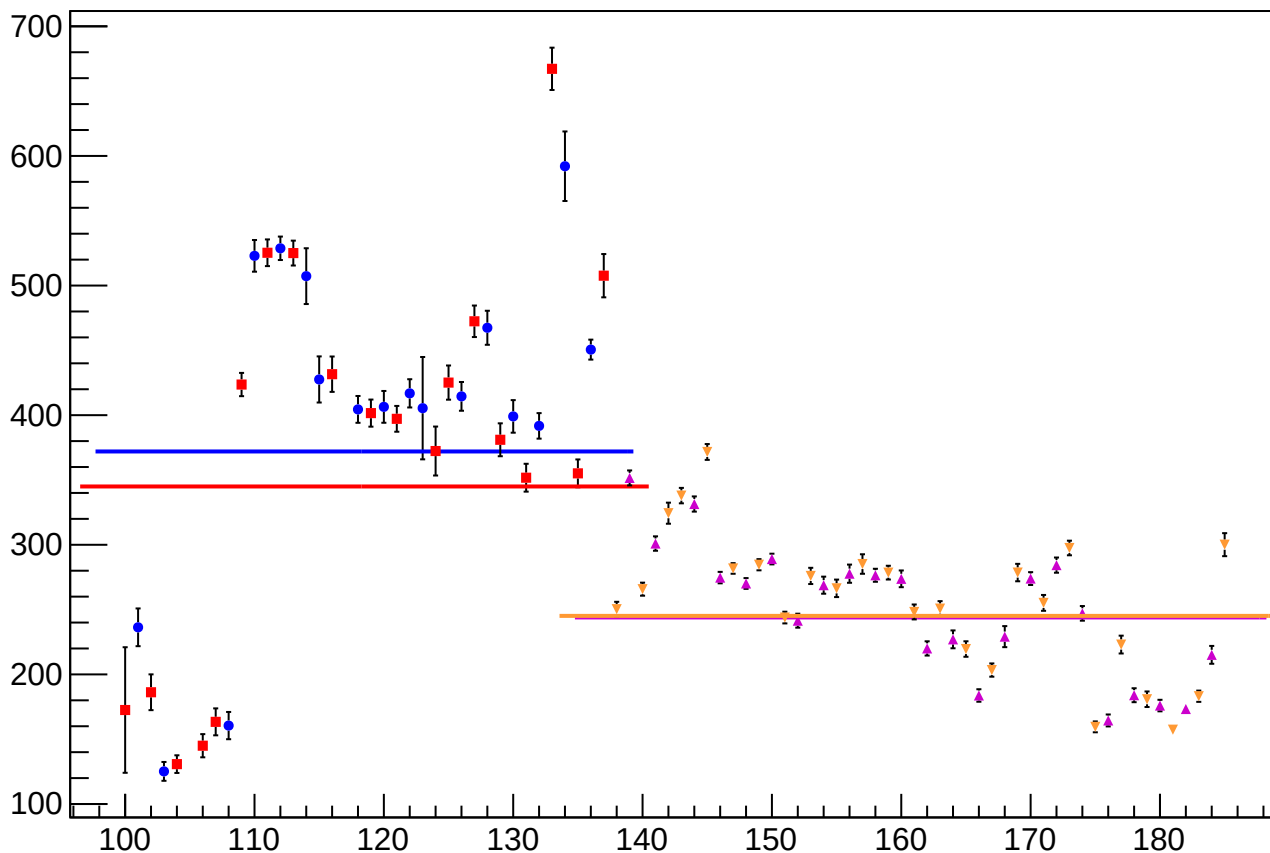
Right: 0.518 ± 1.029 $\chi^2/\text{NDF}: 458.2/35$

In: 1.240 ± 0.730 $\chi^2/\text{NDF}: 821.1/39$

Out: 2.672 ± 0.699 $\chi^2/\text{NDF}: 917.6/43$

All: 1.987 ± 0.505 $\chi^2/\text{NDF}: 1740.7/83$

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: 245.149 $\pm$ 1.082 χ^2 /NDF: 2598.5/24

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 243.933 $\pm$ 1.090 χ^2 /NDF: 2294.8/22

Left: 244.546 $\pm$ 0.768 χ^2 /NDF: 4893.9/47

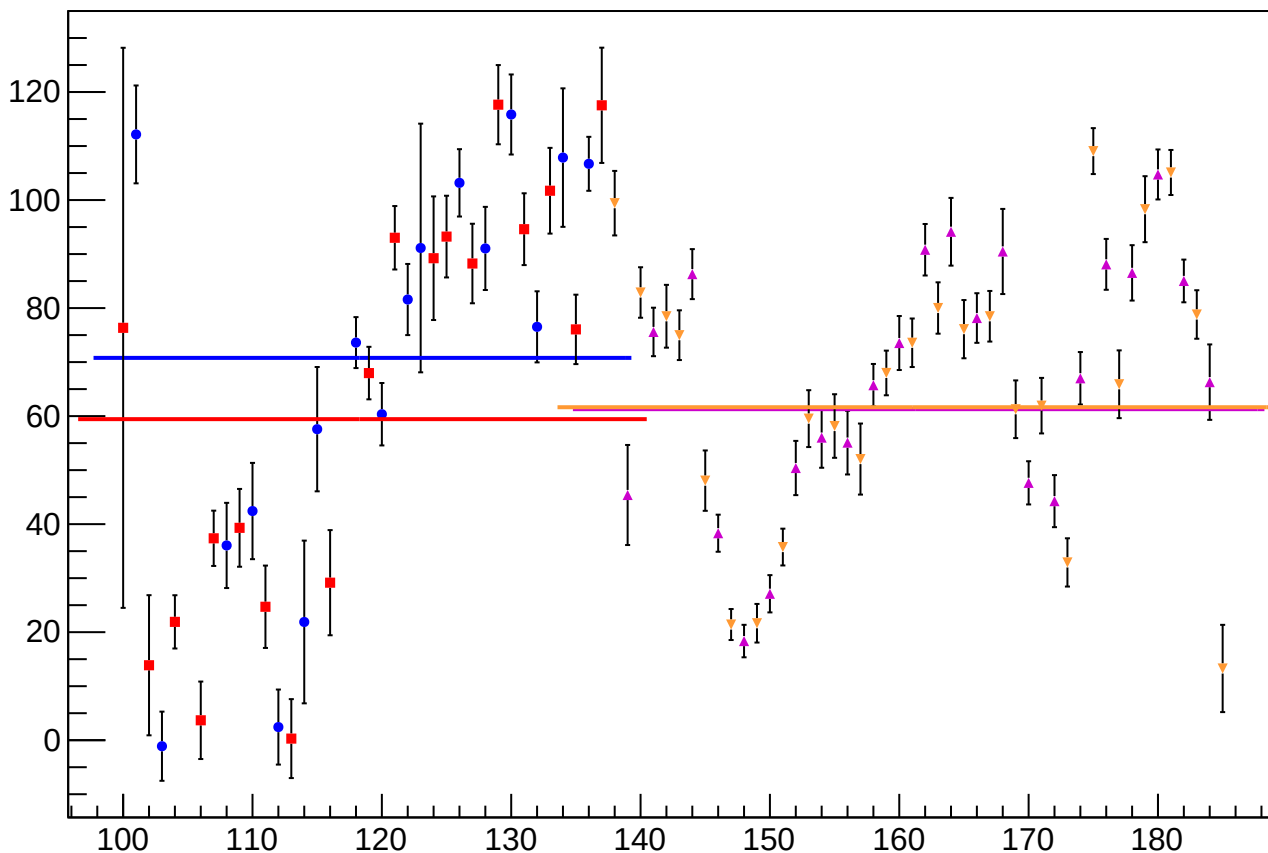
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 261.163 $\pm$ 1.014 χ^2 /NDF: 6582.9/39

Out: 260.265 $\pm$ 0.996 χ^2 /NDF: 7302.8/43

All: 260.706 $\pm$ 0.711 χ^2 /NDF: 13886.1/83

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2 /NDF: 423.9/16

Left Out: 61.644 $\pm$ 0.936 χ^2 /NDF:871.2/24

Right Out: 59.438 $\pm$ 1.631 χ^2 /NDF: 486.7/18

Left In: 61.286 $\pm$ 0.959 χ^2 /NDF:702.8/22

Left: 61.469 $\pm$ 0.670 χ^2 /NDF: 1574.0/47

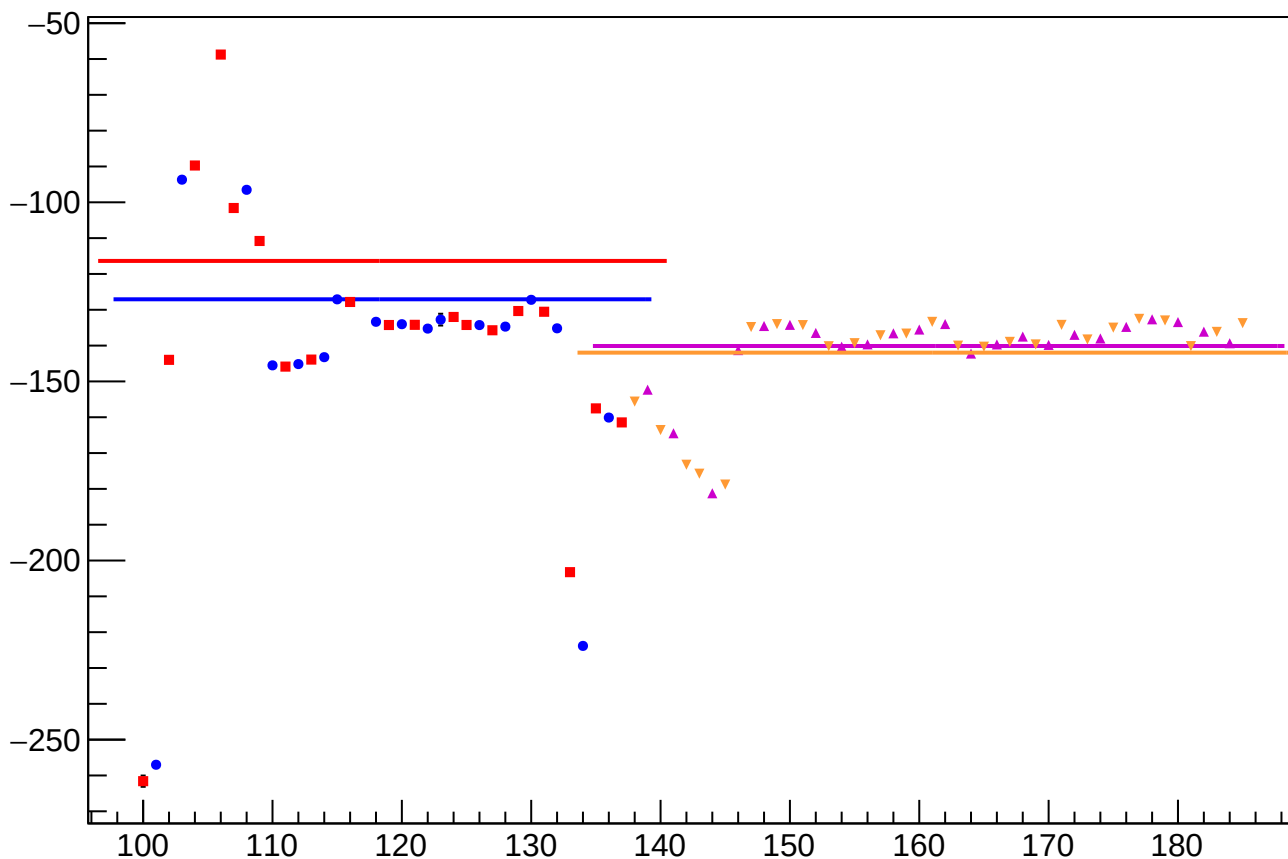
Right: 64.722 $\pm$ 1.192 χ^2 /NDF: 933.1/35

In: 63.485 $\pm$ 0.840 χ^2 /NDF:1149.4/39

Out: 61.098 $\pm$ 0.812 χ^2 /NDF:1359.3/43

All: 62.250 $\pm$ 0.584 χ^2 /NDF: 2512.8/83

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -141.968 ± 0.045 $\chi^2/\text{NDF}: 80253.9/24$

Right Out: -116.365 ± 0.083 $\chi^2/\text{NDF}: 167555.3/18$

Left In: -140.112 ± 0.045 $\chi^2/\text{NDF}: 48400.6/22$

Left: -141.043 ± 0.032 $\chi^2/\text{NDF}: 129514.0/47$

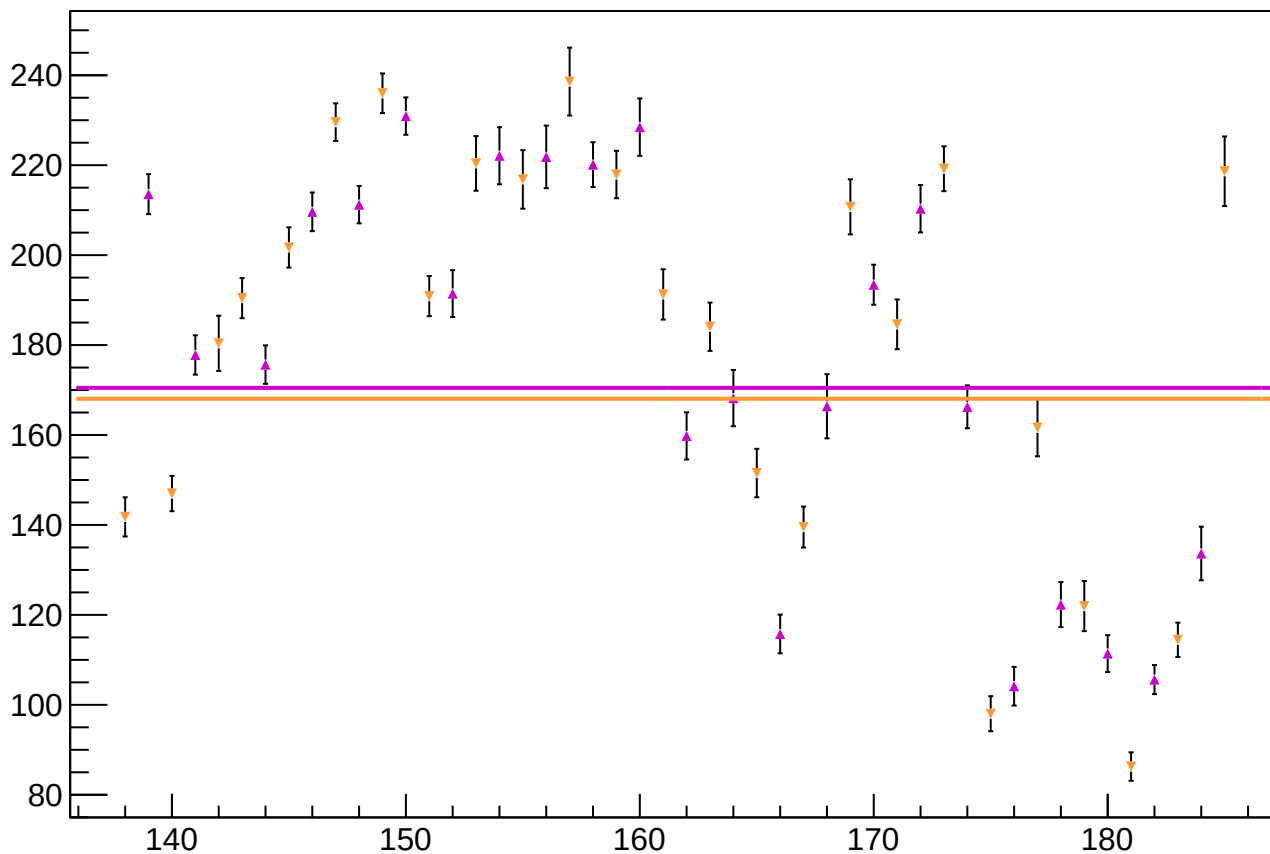
Right: -121.310 ± 0.061 $\chi^2/\text{NDF}: 342291.2/35$

In: -137.498 ± 0.040 $\chi^2/\text{NDF}: 232380.7/39$

Out: -136.203 ± 0.039 $\chi^2/\text{NDF}: 321714.8/43$

All: -136.839 ± 0.028 $\chi^2/\text{NDF}: 554627.4/83$

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: 168.063+/-0.970 χ^2 /NDF:2470.8/24

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 170.487+/-0.991 χ^2 /NDF:2036.5/22

Left: 169.249+/-0.693 χ^2 /NDF: 4510.3/47

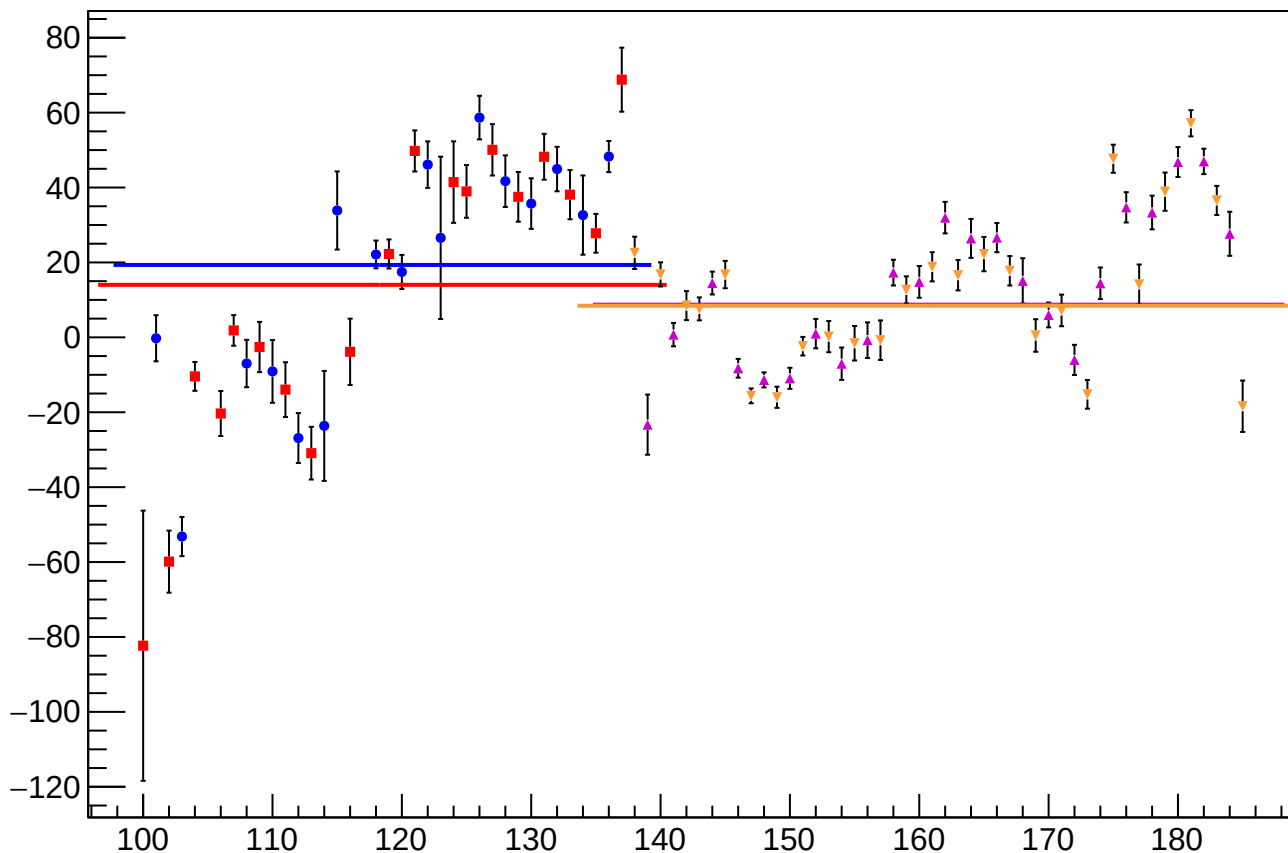
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 170.487+/-0.991 χ^2 /NDF:2036.5/22

Out: 168.063+/-0.970 χ^2 /NDF:2470.8/24

All: 169.249+/-0.693 χ^2 /NDF: 4510.3/47

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: 8.439 ± 0.728 $\chi^2/\text{NDF}: 752.0/24$

Right Out: 14.018 ± 1.390 $\chi^2/\text{NDF}: 433.2/18$

Left In: 8.730 ± 0.757 $\chi^2/\text{NDF}: 630.1/22$

Left: 8.579 ± 0.525 $\chi^2/\text{NDF}: 1382.2/47$

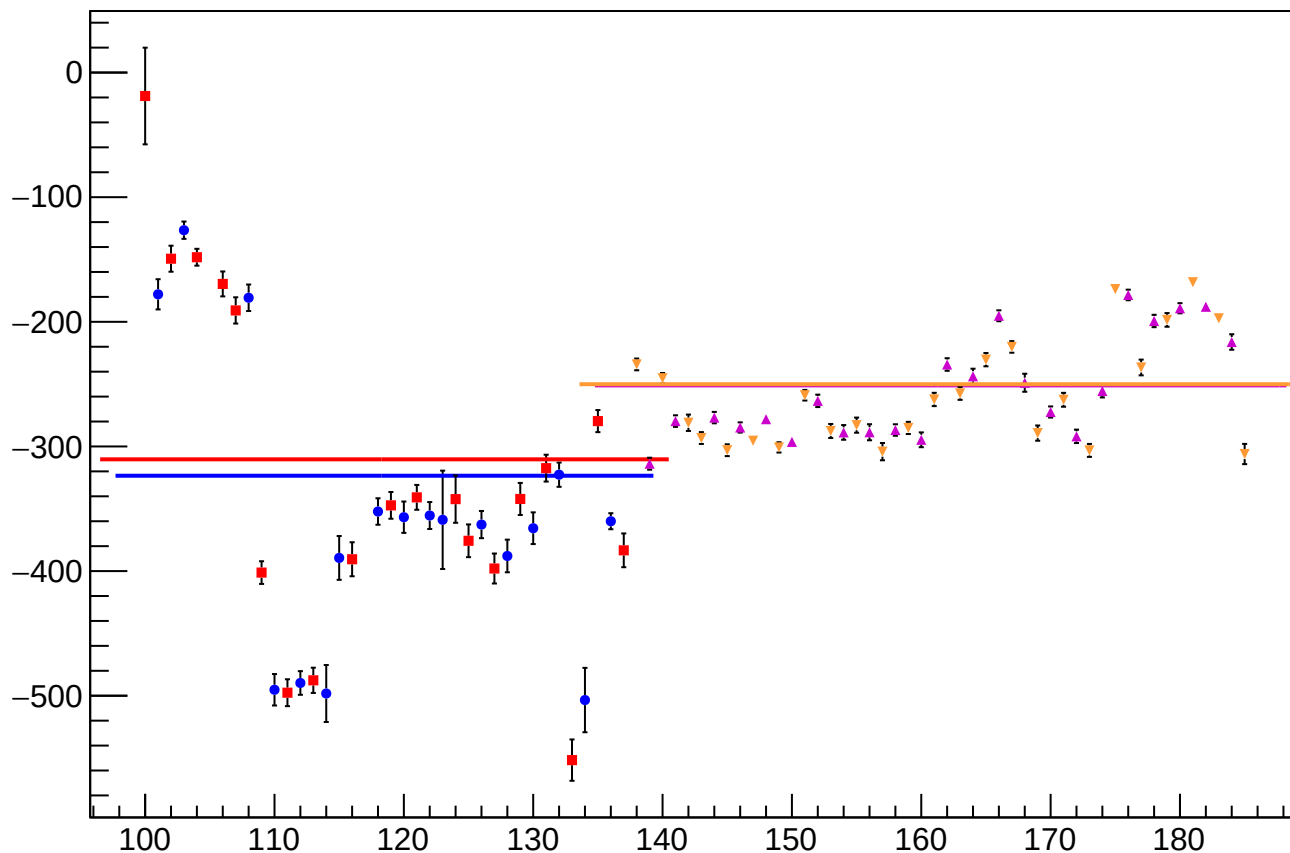
Right: 16.507 ± 1.014 $\chi^2/\text{NDF}: 879.9/35$

In: 10.923 ± 0.674 $\chi^2/\text{NDF}: 1110.6/39$

Out: 9.639 ± 0.645 $\chi^2/\text{NDF}: 1197.9/43$

All: 10.253 ± 0.466 $\chi^2/\text{NDF}: 2310.3/83$

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: -250.075 ± 0.972 χ^2/NDF : 2249.1/24

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -251.002 ± 0.987 χ^2/NDF : 1958.3/22

Left: -250.532 ± 0.692 χ^2/NDF : 4207.8/47

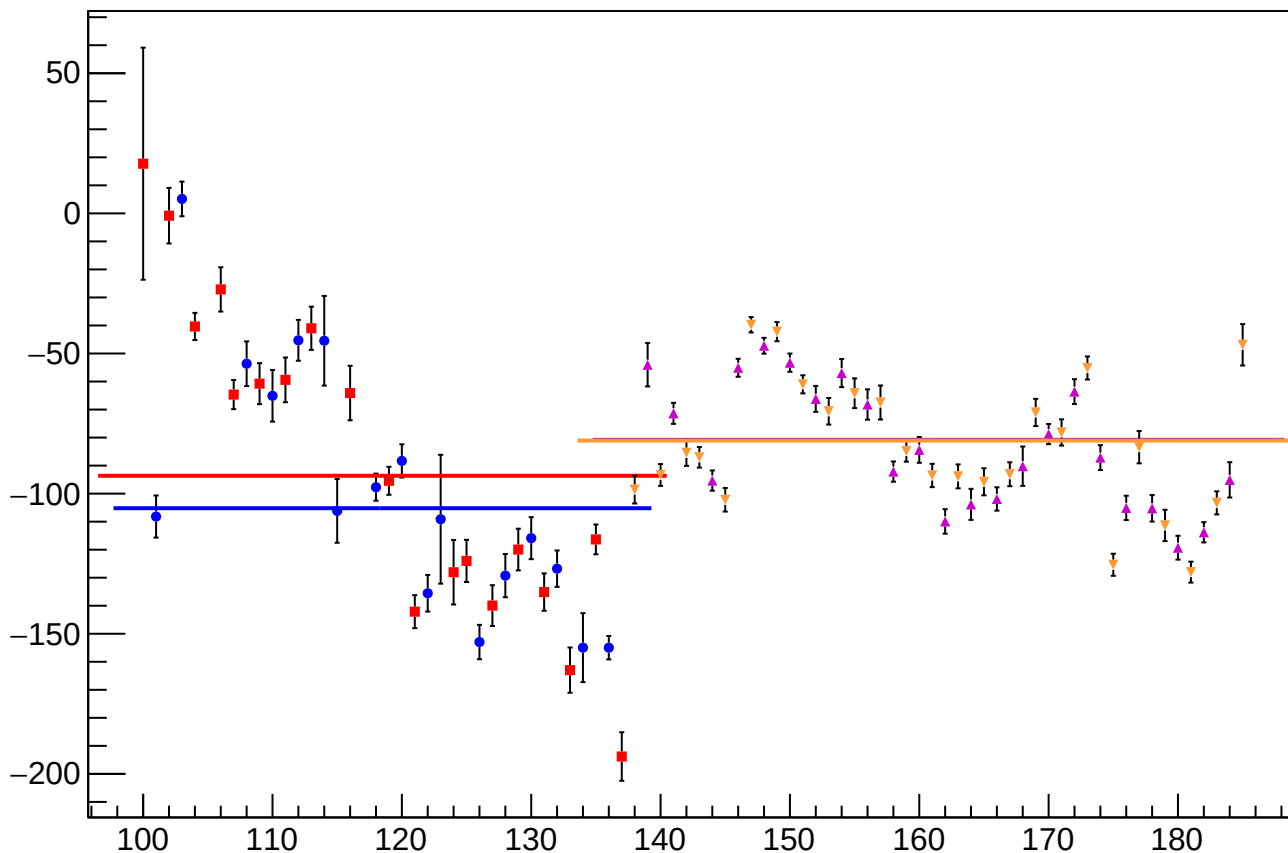
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -259.698 ± 0.926 χ^2/NDF : 4453.3/39

Out: -257.870 ± 0.907 χ^2/NDF : 5046.8/43

All: -258.765 ± 0.648 χ^2/NDF : 9502.1/83

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -81.062 ± 0.843 χ^2/NDF : 913.1/24

Right Out: -93.625 ± 1.610 χ^2/NDF : 822.7/18

Left In: -80.803 ± 0.870 χ^2/NDF : 695.4/22

Left: -80.937 ± 0.605 χ^2/NDF : 1608.5/47

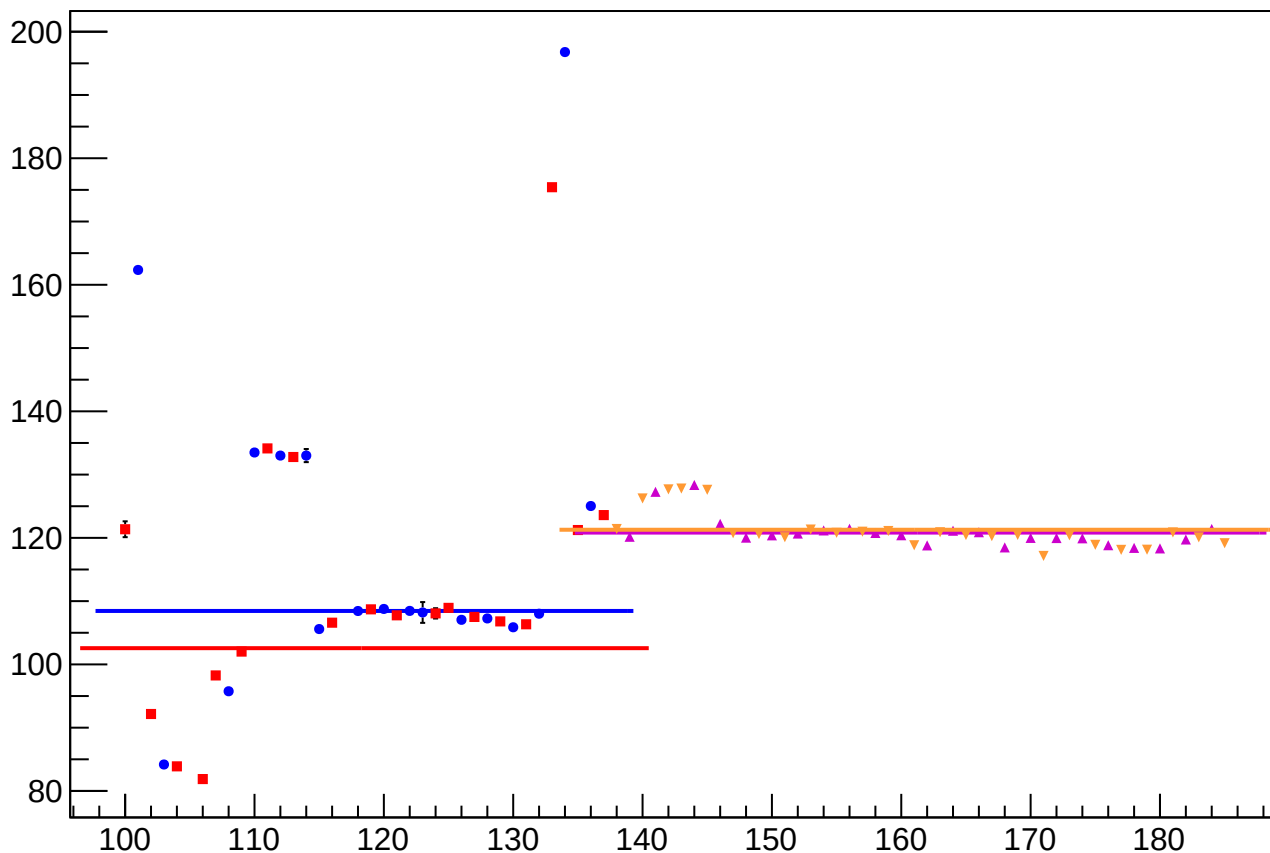
Right: -99.110 ± 1.168 χ^2/NDF : 1582.8/35

In: -85.880 ± 0.774 χ^2/NDF : 1594.8/39

Out: -83.764 ± 0.747 χ^2/NDF : 1783.5/43

All: -84.784 ± 0.537 χ^2/NDF : 3382.2/83

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.283 $\pm$ 0.040 χ^2 /NDF: 4939.0/24

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.834 $\pm$ 0.041 χ^2 /NDF: 3372.4/22

Left: 121.061 $\pm$ 0.028 χ^2 /NDF: 8373.3/47

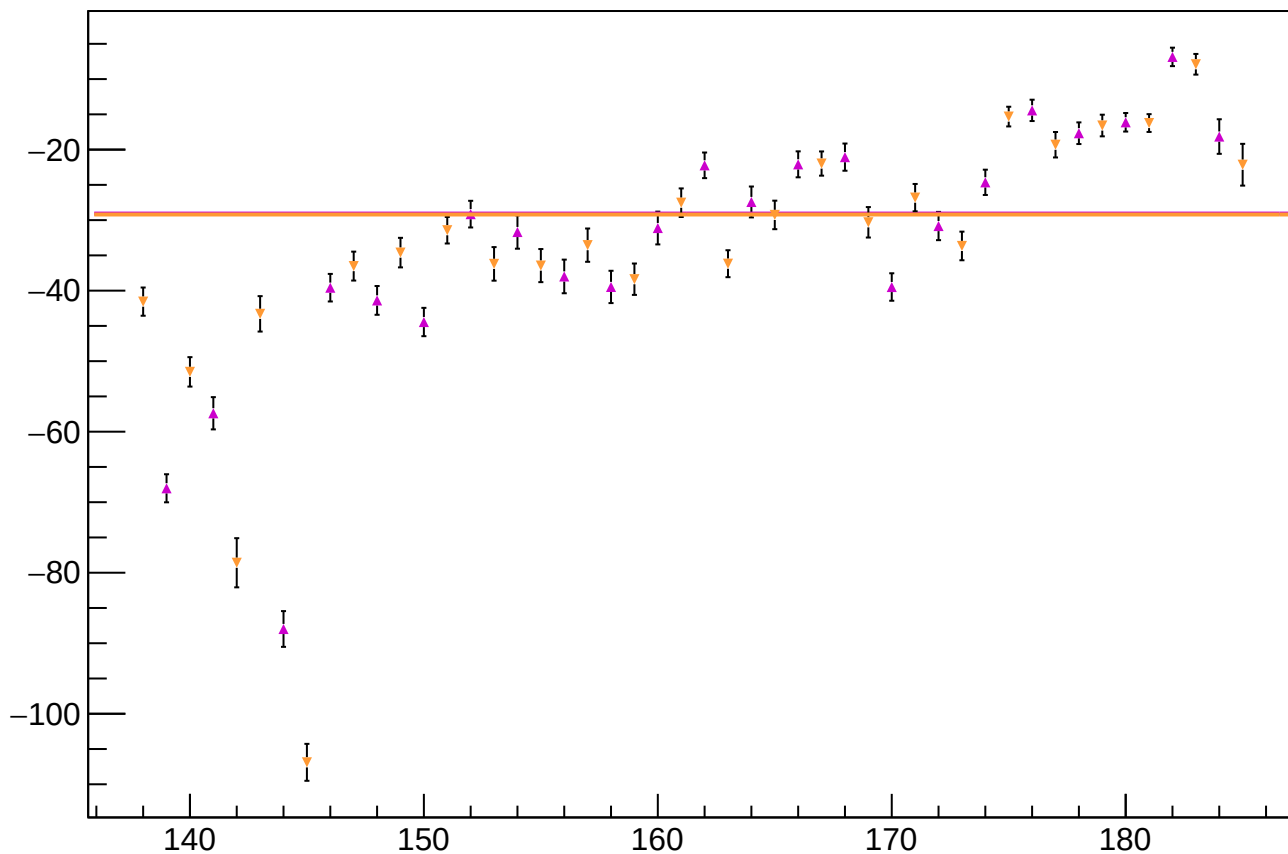
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.532 $\pm$ 0.037 χ^2 /NDF: 94009.7/39

Out: 117.484 $\pm$ 0.036 χ^2 /NDF: 102317.5/43

All: 117.997 $\pm$ 0.026 χ^2 /NDF: 196747.2/83

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.201+/-0.388 χ^2/NDF :1881.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Left: -29.138+/-0.277 χ^2/NDF : 3753.5/47

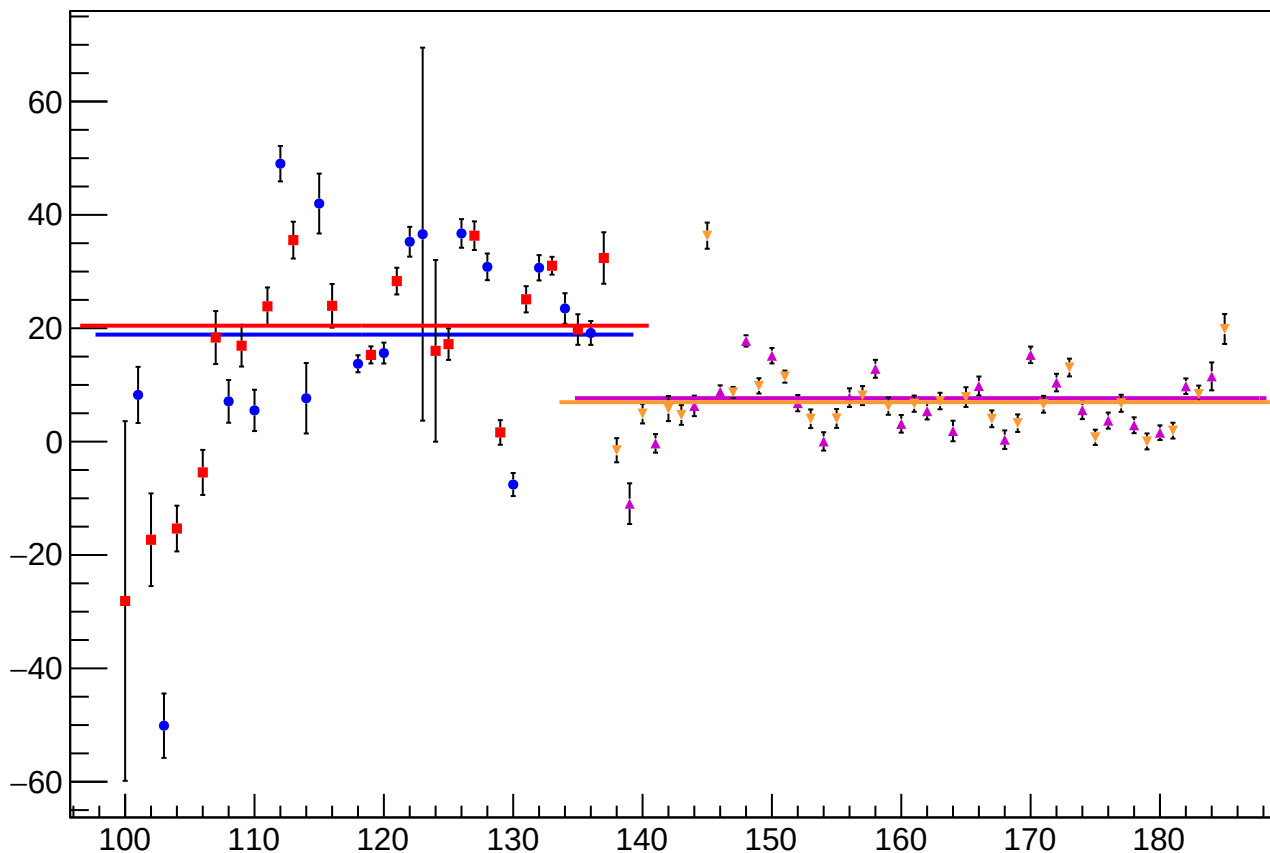
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.073+/-0.394 χ^2/NDF :1872.4/22

Out: -29.201+/-0.388 χ^2/NDF :1881.0/24

All: -29.138+/-0.277 χ^2/NDF : 3753.5/47

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876+/-0.644 χ^2 /NDF: 620.5/16

Left Out: 6.957+/-0.303 χ^2 /NDF:321.4/24

Right Out: 20.454+/-0.643 χ^2 /NDF: 364.8/18

Left In: 7.666+/-0.313 χ^2 /NDF:341.1/22

Left: 7.300+/-0.218 χ^2 /NDF: 665.1/47

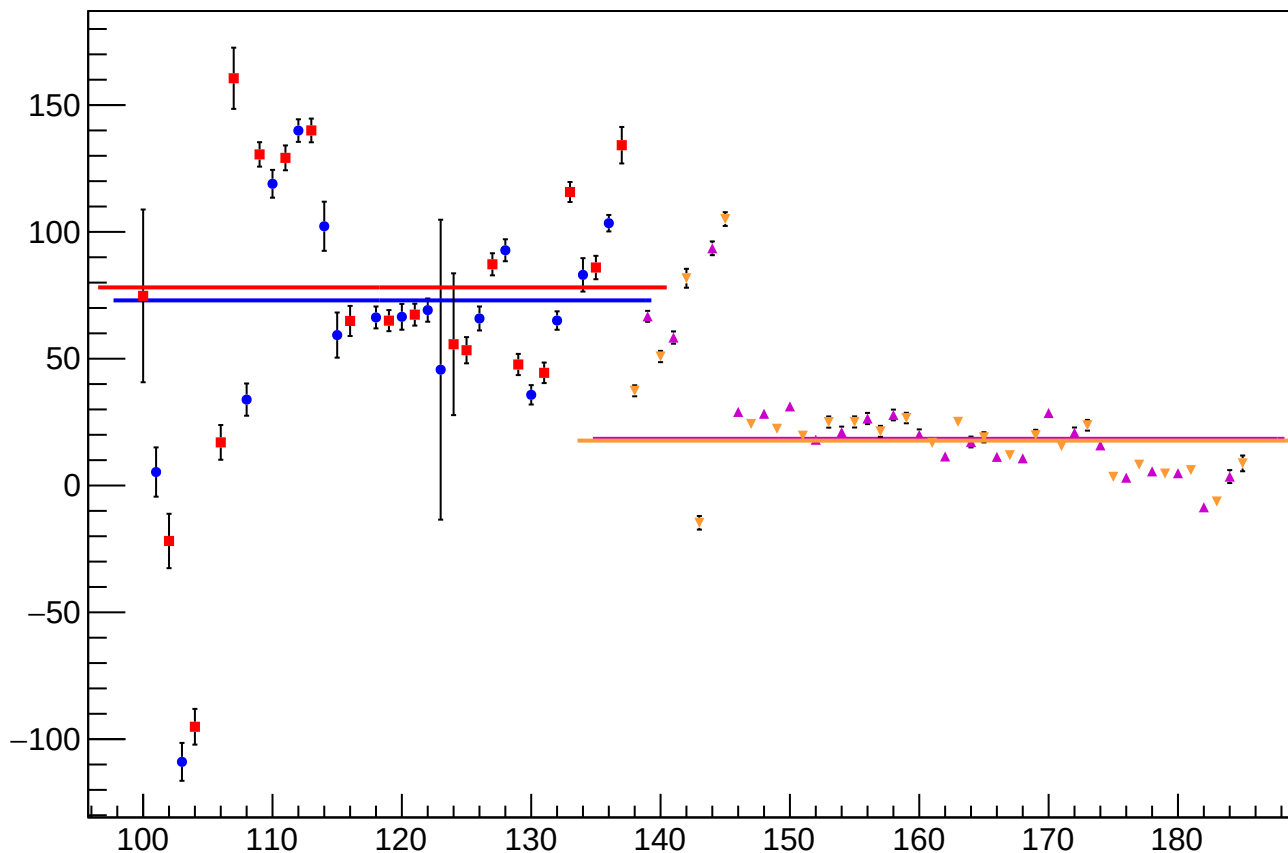
Right: 19.666+/-0.455 χ^2 /NDF: 988.3/35

In: 9.803+/-0.281 χ^2 /NDF:1206.5/39

Out: 9.406+/-0.274 χ^2 /NDF:1046.4/43

All: 9.599+/-0.196 χ^2 /NDF: 2253.9/83

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 $\pm$ 1.230 χ^2 /NDF: 1205.5/16

Left Out: 17.710 $\pm$ 0.387 χ^2 /NDF:2431.6/24

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 18.416 $\pm$ 0.391 χ^2 /NDF:2468.4/22

Left: 18.059 $\pm$ 0.275 χ^2 /NDF: 4901.7/47

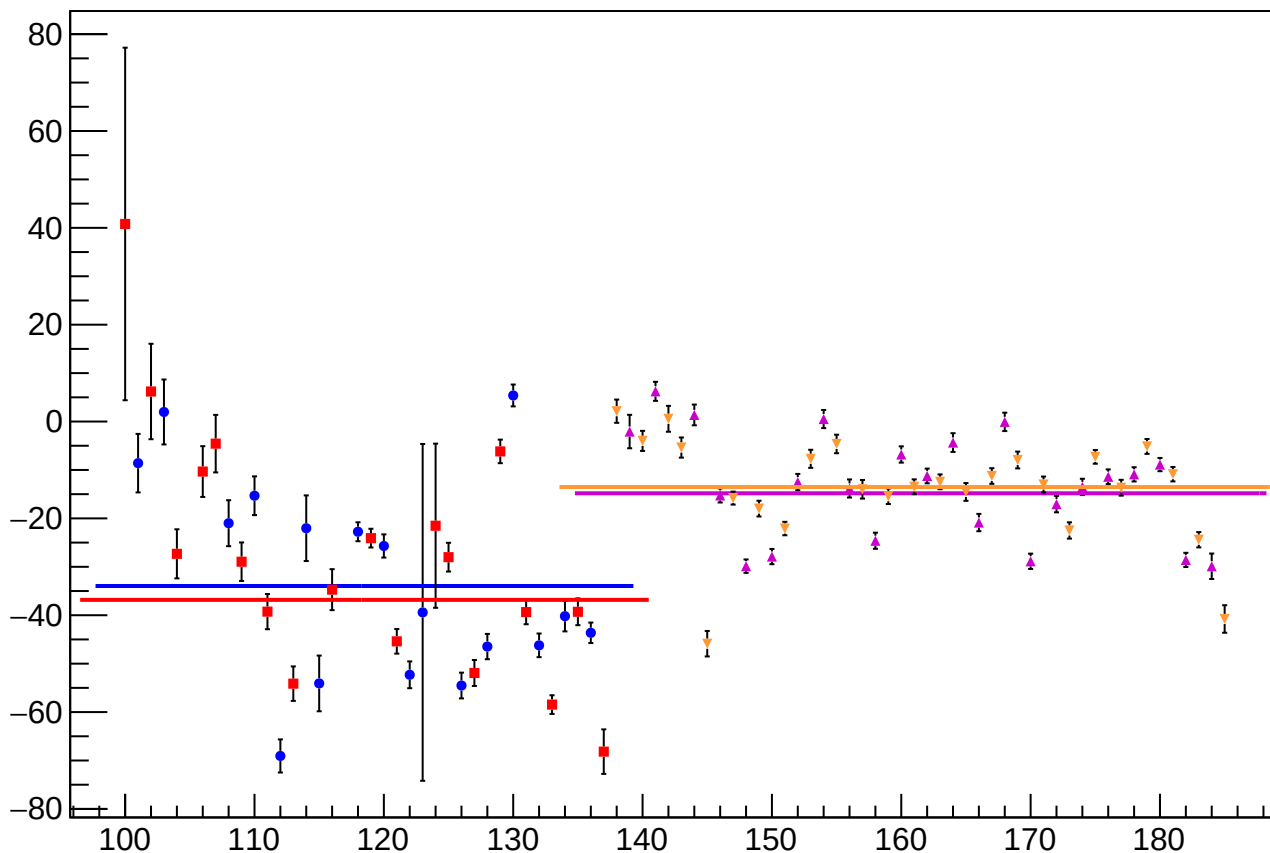
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 23.431 $\pm$ 0.373 χ^2 /NDF:5461.7/39

Out: 23.210 $\pm$ 0.369 χ^2 /NDF:6195.5/43

All: 23.319 $\pm$ 0.262 χ^2 /NDF: 11657.4/83

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$

Left Out: -13.529 ± 0.344 $\chi^2/\text{NDF}: 572.9/24$

Right Out: -36.824 ± 0.737 $\chi^2/\text{NDF}: 539.9/18$

Left In: -14.815 ± 0.353 $\chi^2/\text{NDF}: 838.2/22$

Left: -14.155 ± 0.246 $\chi^2/\text{NDF}: 1417.9/47$

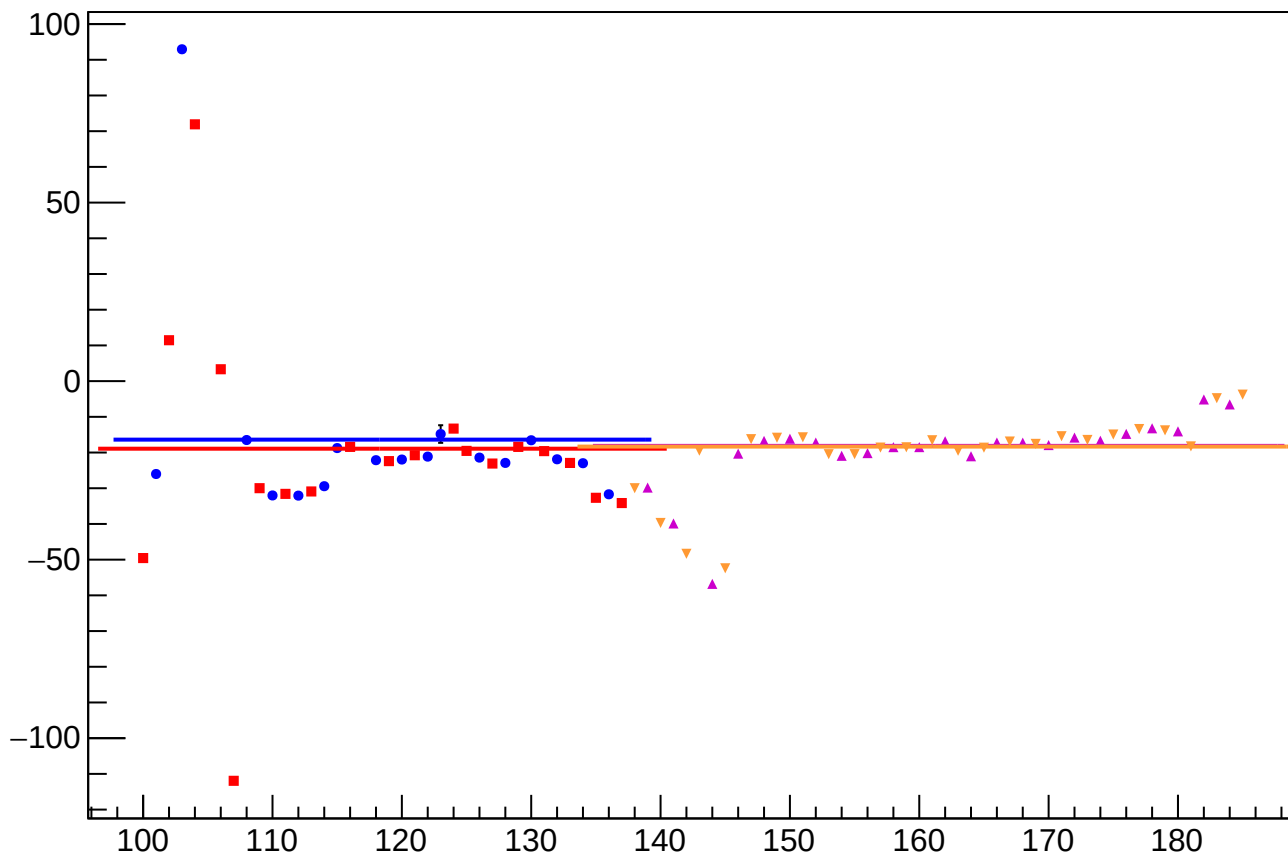
Right: -35.396 ± 0.521 $\chi^2/\text{NDF}: 1269.3/35$

In: -18.386 ± 0.319 $\chi^2/\text{NDF}: 2108.6/39$

Out: -17.696 ± 0.312 $\chi^2/\text{NDF}: 1933.5/43$

All: -18.034 ± 0.223 $\chi^2/\text{NDF}: 4044.5/83$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.386 ± 0.044 $\chi^2/\text{NDF}: 474297.3/16$

Left Out: -18.333 ± 0.016 $\chi^2/\text{NDF}: 284159.5/24$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -18.135 ± 0.016 $\chi^2/\text{NDF}: 245650.3/22$

Left: -18.235 ± 0.011 $\chi^2/\text{NDF}: 529887.5/47$

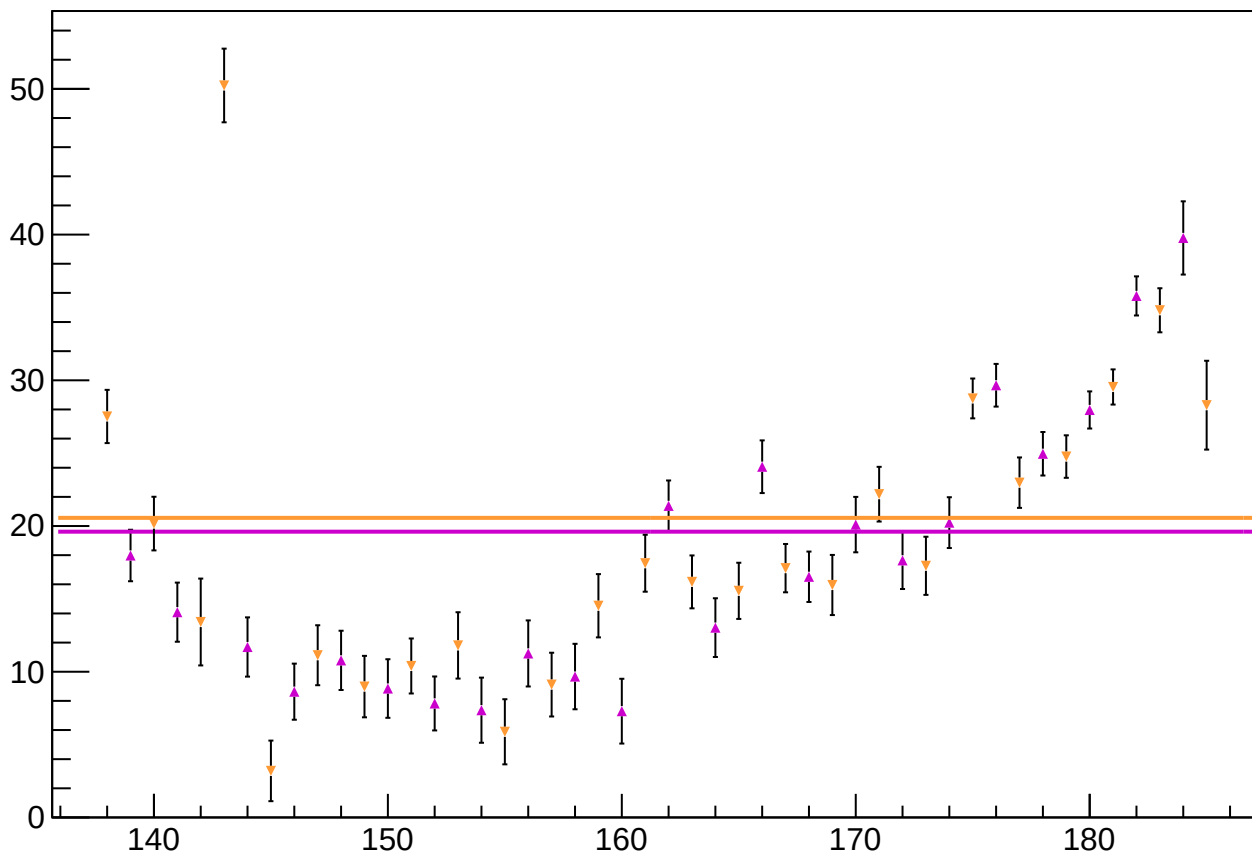
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -17.934 ± 0.015 $\chi^2/\text{NDF}: 721315.8/39$

Out: -18.398 ± 0.015 $\chi^2/\text{NDF}: 718458.1/43$

All: -18.168 ± 0.011 $\chi^2/\text{NDF}: 1440251.7/83$

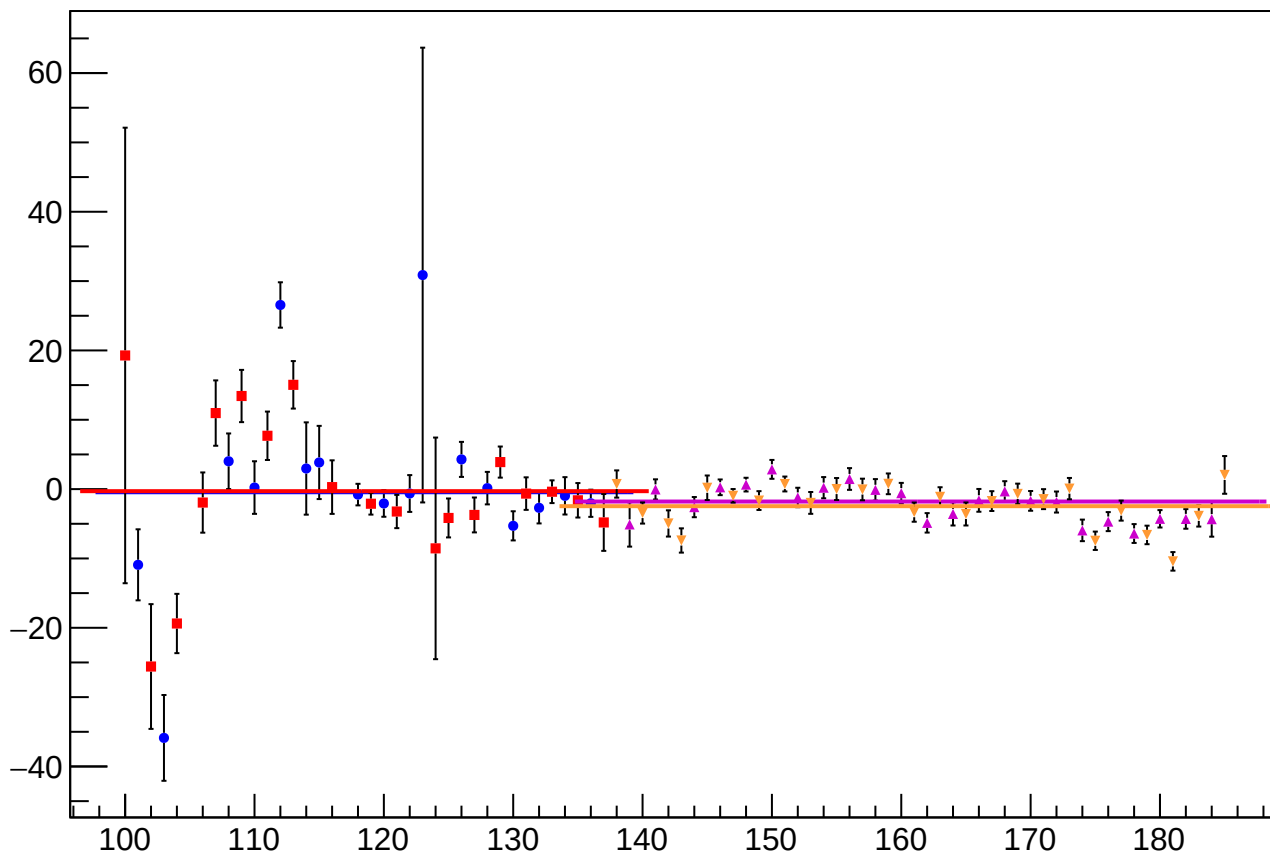
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.560 $\pm$ 0.373 χ^2 /NDF:625.8/24
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22

Left: 20.093 $\pm$ 0.266 χ^2 /NDF: 1201.6/47
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.612 $\pm$ 0.379 χ^2 /NDF:572.7/22
 Out: 20.560 $\pm$ 0.373 χ^2 /NDF:625.8/24
 All: 20.093 $\pm$ 0.266 χ^2 /NDF: 1201.6/47

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -2.461 ± 0.292 χ^2/NDF : 105.8/24

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.791 ± 0.301 χ^2/NDF : 70.1/22

Left: -2.136 ± 0.210 χ^2/NDF : 178.5/47

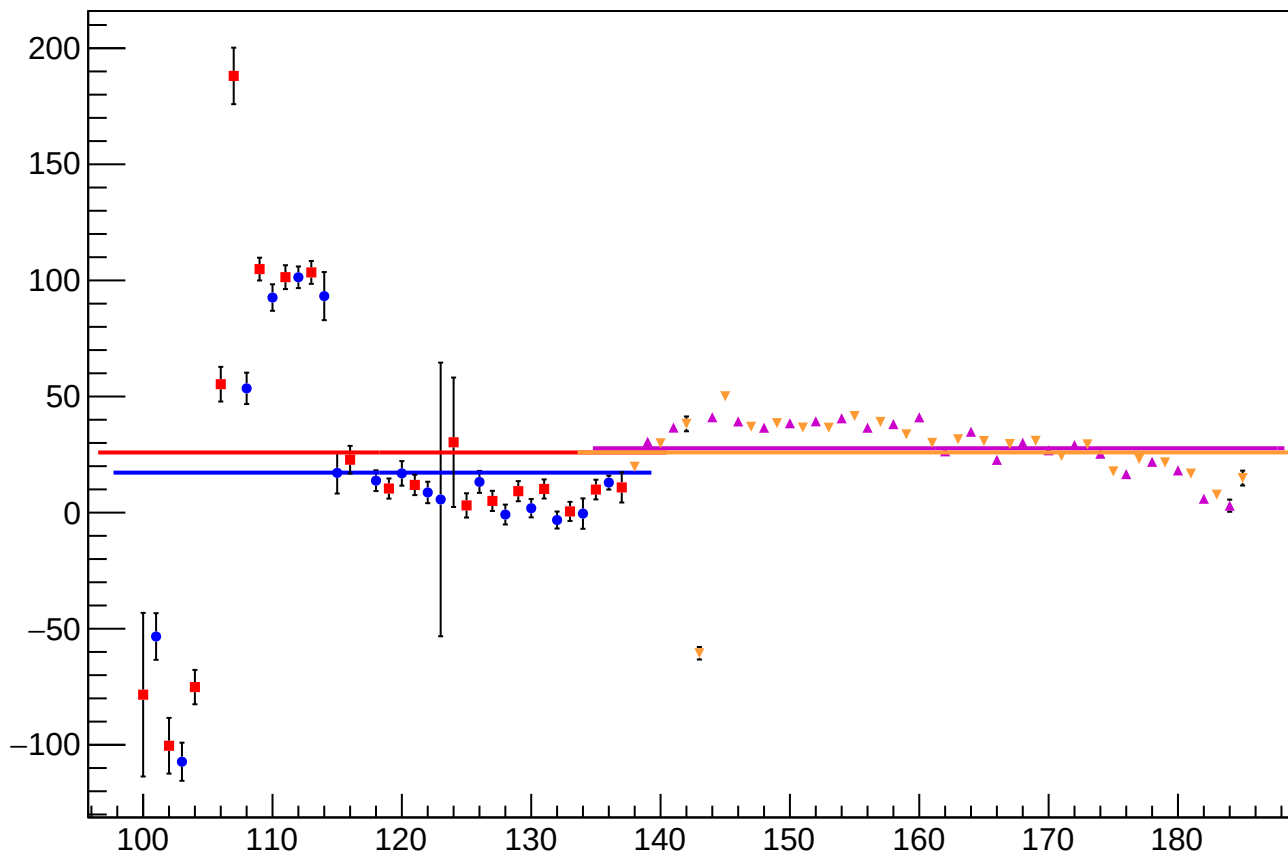
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.557 ± 0.274 χ^2/NDF : 193.1/39

Out: -2.104 ± 0.267 χ^2/NDF : 199.4/43

All: -1.837 ± 0.191 χ^2/NDF : 394.5/83

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: 25.928+/-0.372 χ^2/NDF :1711.0/24

Right Out: 25.902+/-1.243 χ^2/NDF : 1374.8/18

Left In: 27.725+/-0.377 χ^2/NDF :805.1/22

Left: 26.816+/-0.265 χ^2/NDF : 2527.6/47

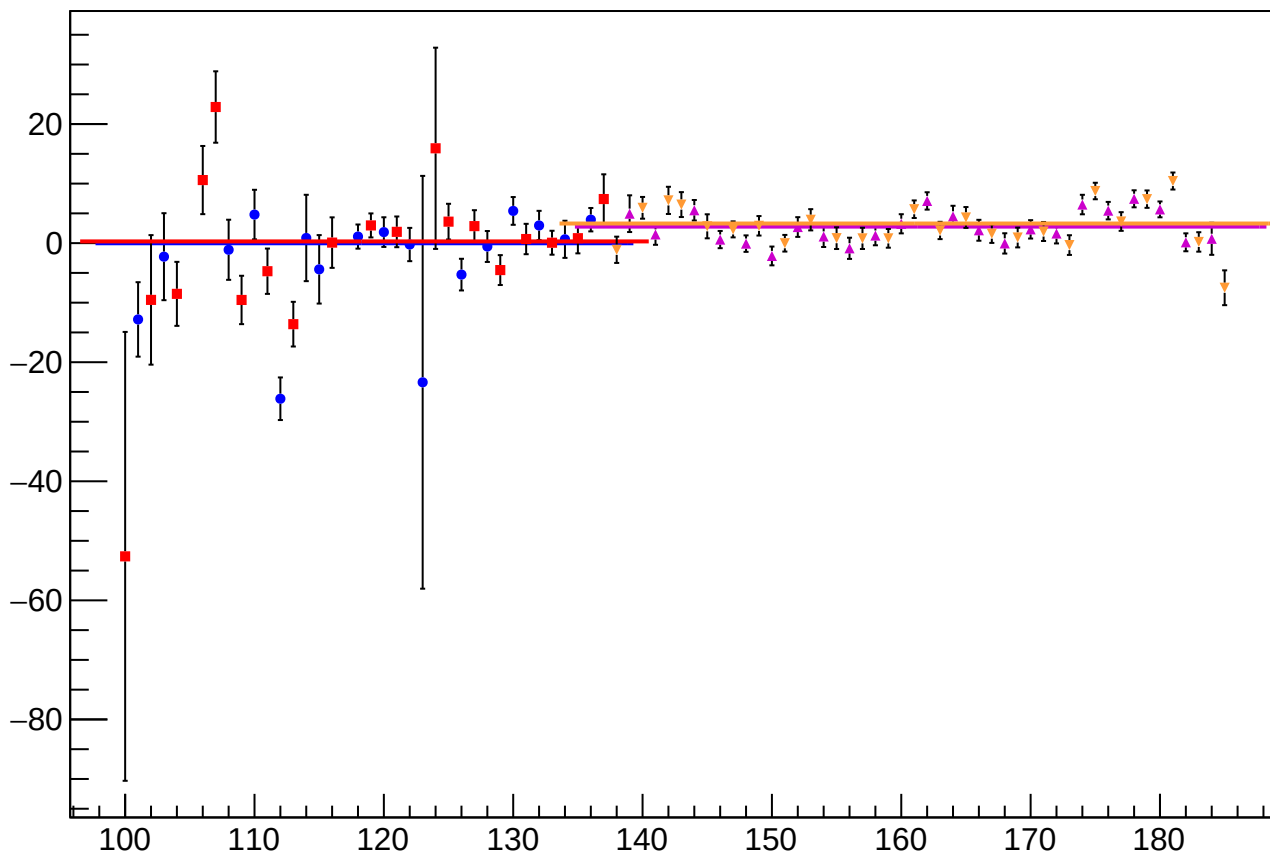
Right: 21.552+/-0.878 χ^2/NDF : 2339.3/35

In: 26.838+/-0.360 χ^2/NDF :1810.8/39

Out: 25.926+/-0.357 χ^2/NDF :3085.7/43

All: 26.377+/-0.253 χ^2/NDF : 4899.8/83

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.294 ± 0.331 χ^2/NDF : 101.9/24

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.777 ± 0.340 χ^2/NDF : 66.5/22

Left: 3.042 ± 0.237 χ^2/NDF : 169.6/47

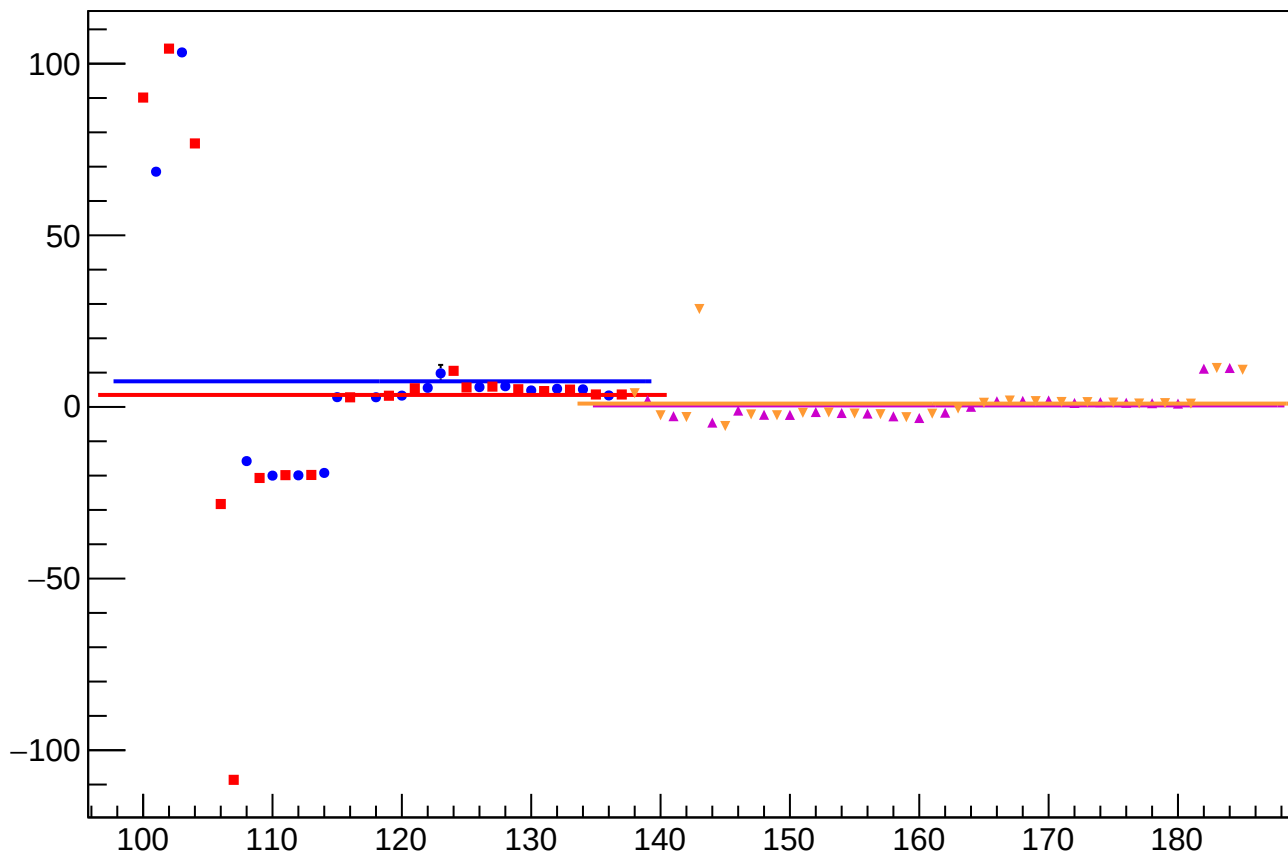
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.294 ± 0.309 χ^2/NDF : 154.0/39

Out: 2.803 ± 0.303 χ^2/NDF : 171.4/43

All: 2.554 ± 0.216 χ^2/NDF : 326.8/83

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: 0.980 ± 0.015 $\chi^2/\text{NDF}: 117393.9/24$

Right Out: 3.500 ± 0.046 $\chi^2/\text{NDF}: 510577.2/18$

Left In: 0.448 ± 0.015 $\chi^2/\text{NDF}: 50533.6/22$

Left: 0.717 ± 0.011 $\chi^2/\text{NDF}: 168533.2/47$

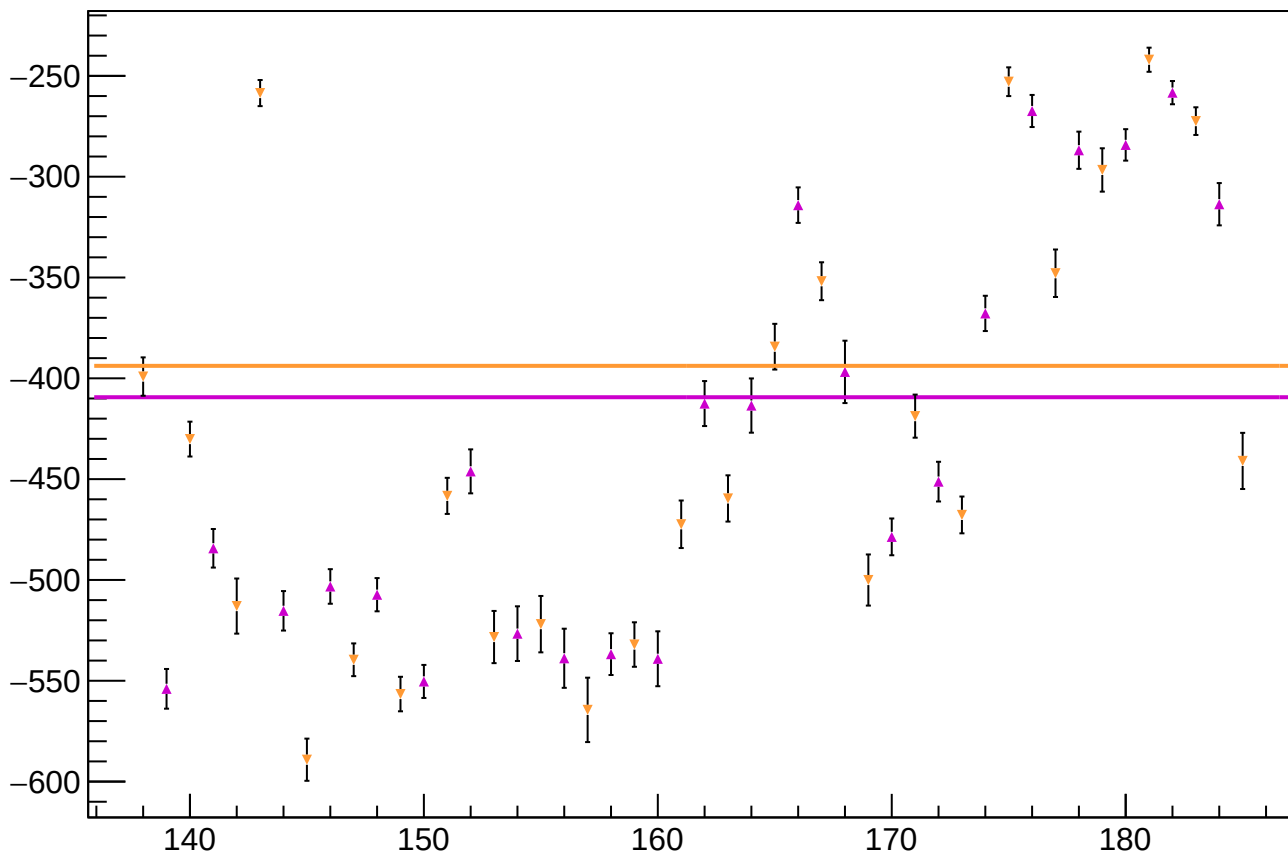
Right: 5.531 ± 0.032 $\chi^2/\text{NDF}: 870350.4/35$

In: 1.196 ± 0.015 $\chi^2/\text{NDF}: 428681.8/39$

Out: 1.232 ± 0.014 $\chi^2/\text{NDF}: 630725.2/43$

All: 1.214 ± 0.010 $\chi^2/\text{NDF}: 1059410.1/83$

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -393.811 ± 1.896 $\chi^2/\text{NDF}: 3773.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -409.377 ± 1.971 $\chi^2/\text{NDF}: 3096.1/22$

Left: -401.293 ± 1.367 $\chi^2/\text{NDF}: 6902.3/47$

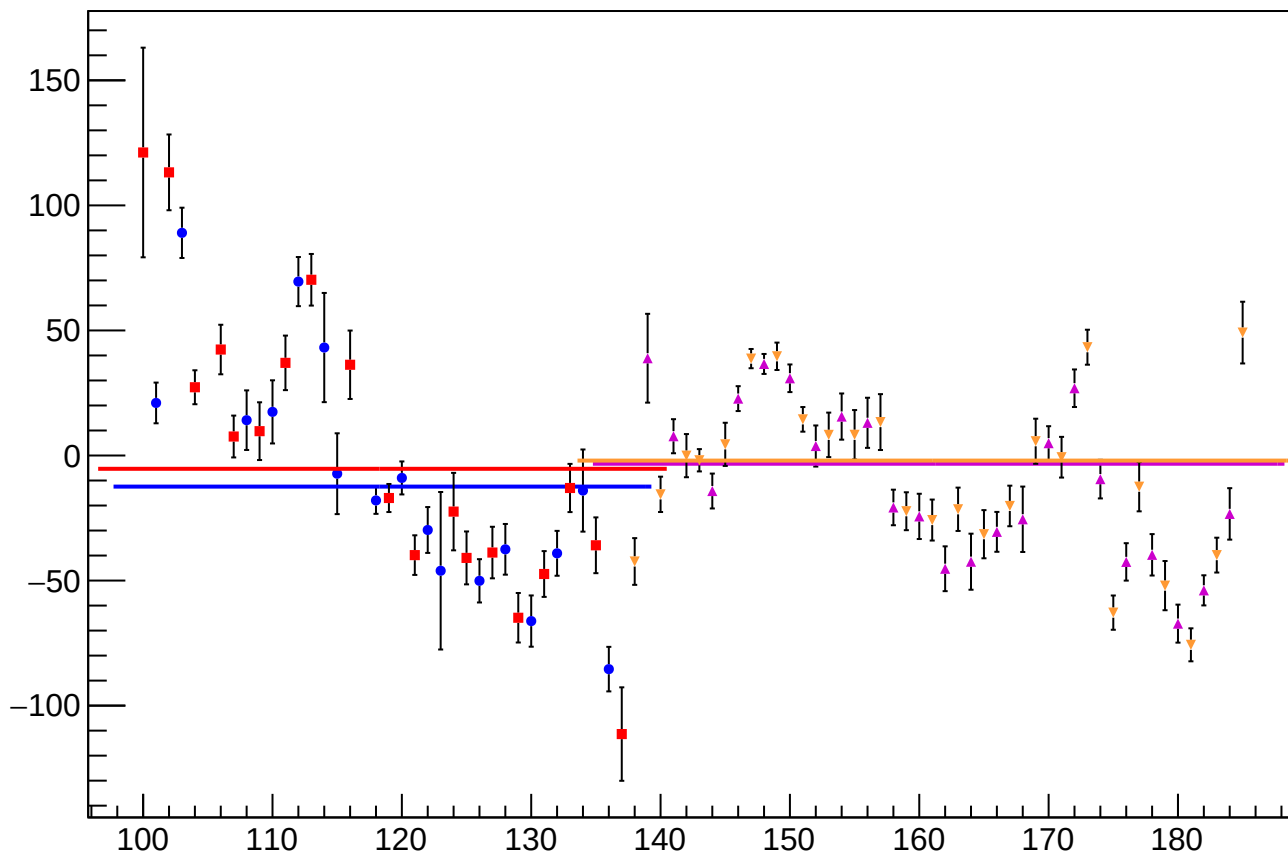
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -409.377 ± 1.971 $\chi^2/\text{NDF}: 3096.1/22$

Out: -393.811 ± 1.896 $\chi^2/\text{NDF}: 3773.9/24$

All: -401.293 ± 1.367 $\chi^2/\text{NDF}: 6902.3/47$

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 χ^2/NDF : 340.2/16

Left Out: -2.033 ± 1.424 χ^2/NDF : 563.6/24

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: -3.290 ± 1.517 χ^2/NDF : 454.5/22

Left: -2.622 ± 1.038 χ^2/NDF : 1018.5/47

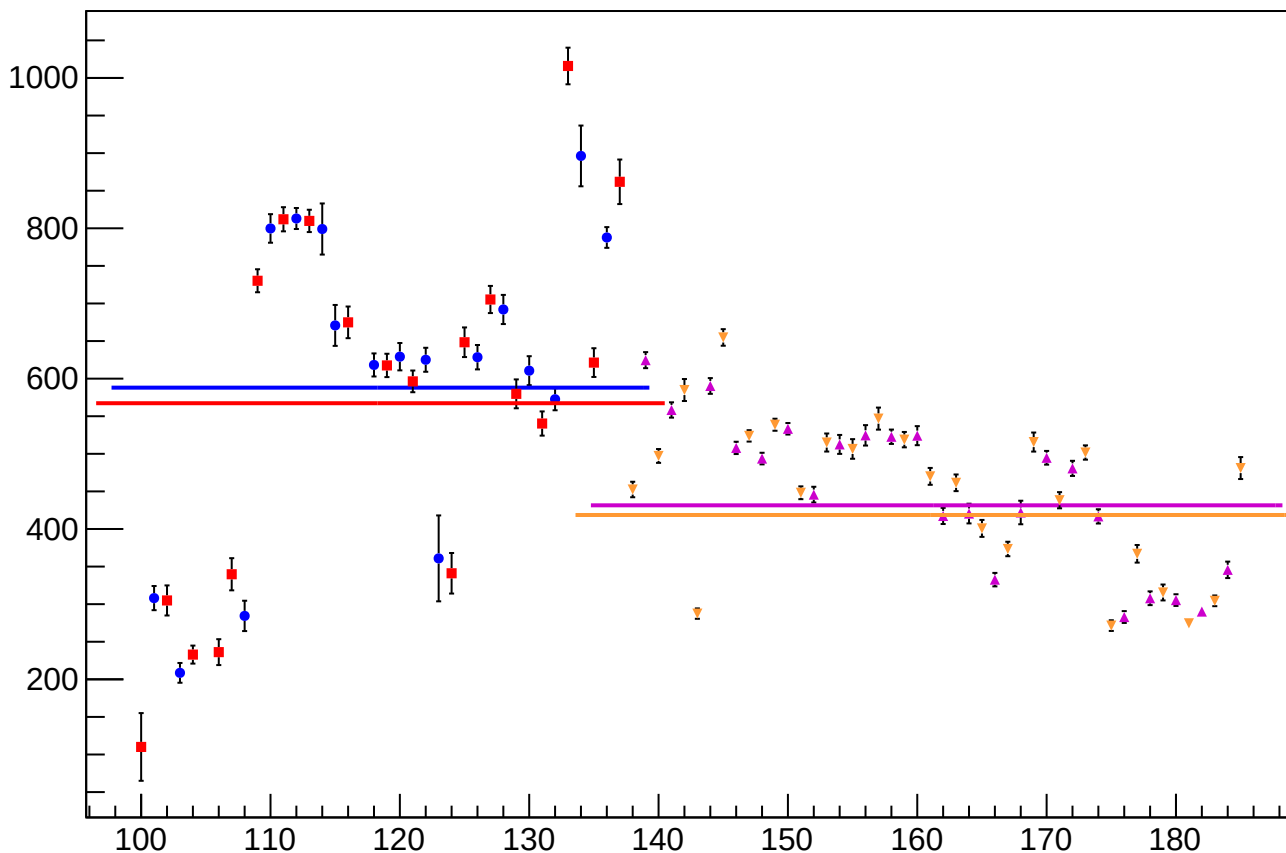
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -6.035 ± 1.269 χ^2/NDF : 805.6/39

Out: -2.967 ± 1.205 χ^2/NDF : 907.9/43

All: -4.421 ± 0.874 χ^2/NDF : 1716.6/83

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: 418.620 $\pm$ 1.904 χ^2 /NDF:3297.7/24

Right Out: 567.313 $\pm$ 4.133 χ^2 /NDF: 2784.3/18

Left In: 431.487 $\pm$ 1.964 χ^2 /NDF:2897.1/22

Left: 424.855 $\pm$ 1.367 χ^2 /NDF: 6216.9/47

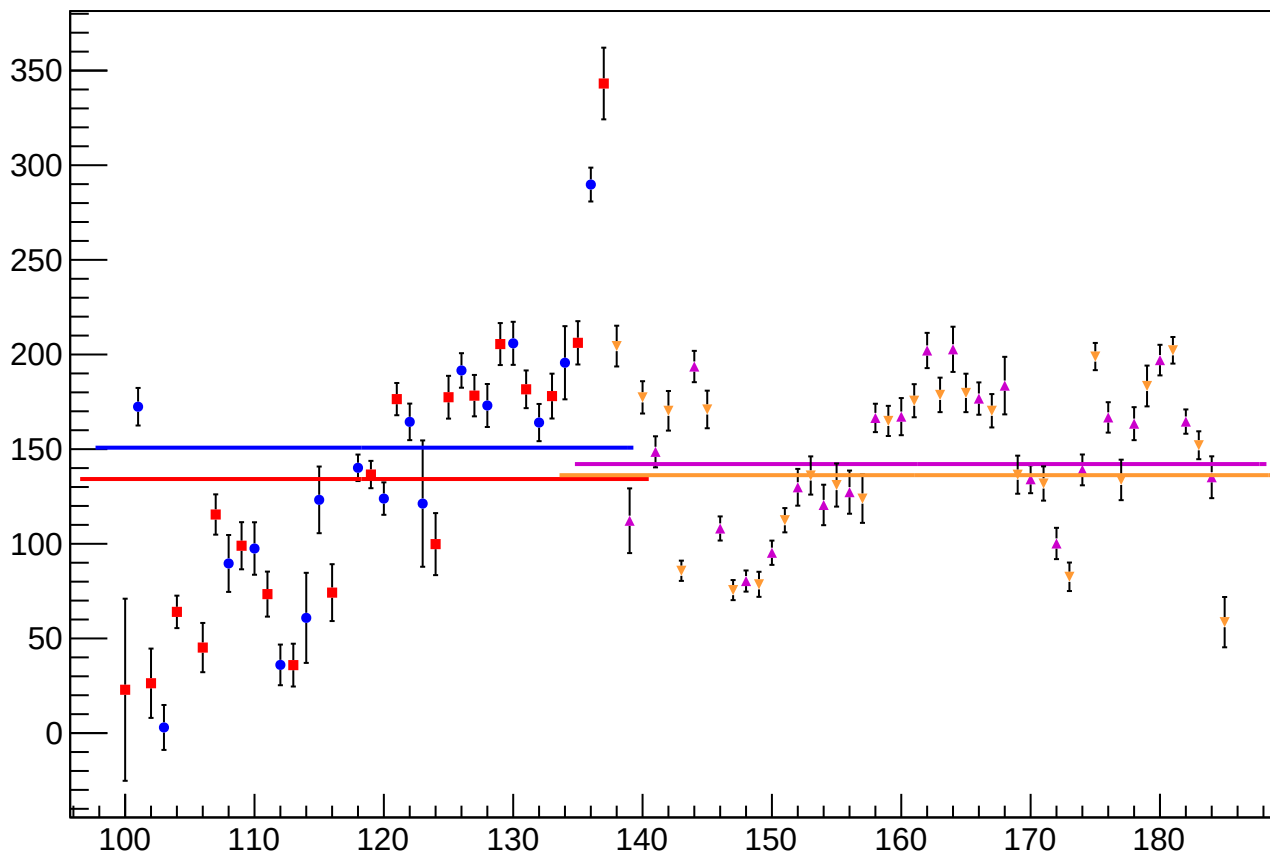
Right: 577.194 $\pm$ 2.989 χ^2 /NDF: 4924.0/35

In: 458.210 $\pm$ 1.789 χ^2 /NDF:6109.4/39

Out: 444.657 $\pm$ 1.730 χ^2 /NDF:7149.6/43

All: 451.206 $\pm$ 1.243 χ^2 /NDF: 13288.7/83

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 136.259 $\pm$ 1.650 χ^2 /NDF: 758.1/24

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 142.123 $\pm$ 1.740 χ^2 /NDF: 463.8/22

Left: 139.036 $\pm$ 1.197 χ^2 /NDF: 1227.8/47

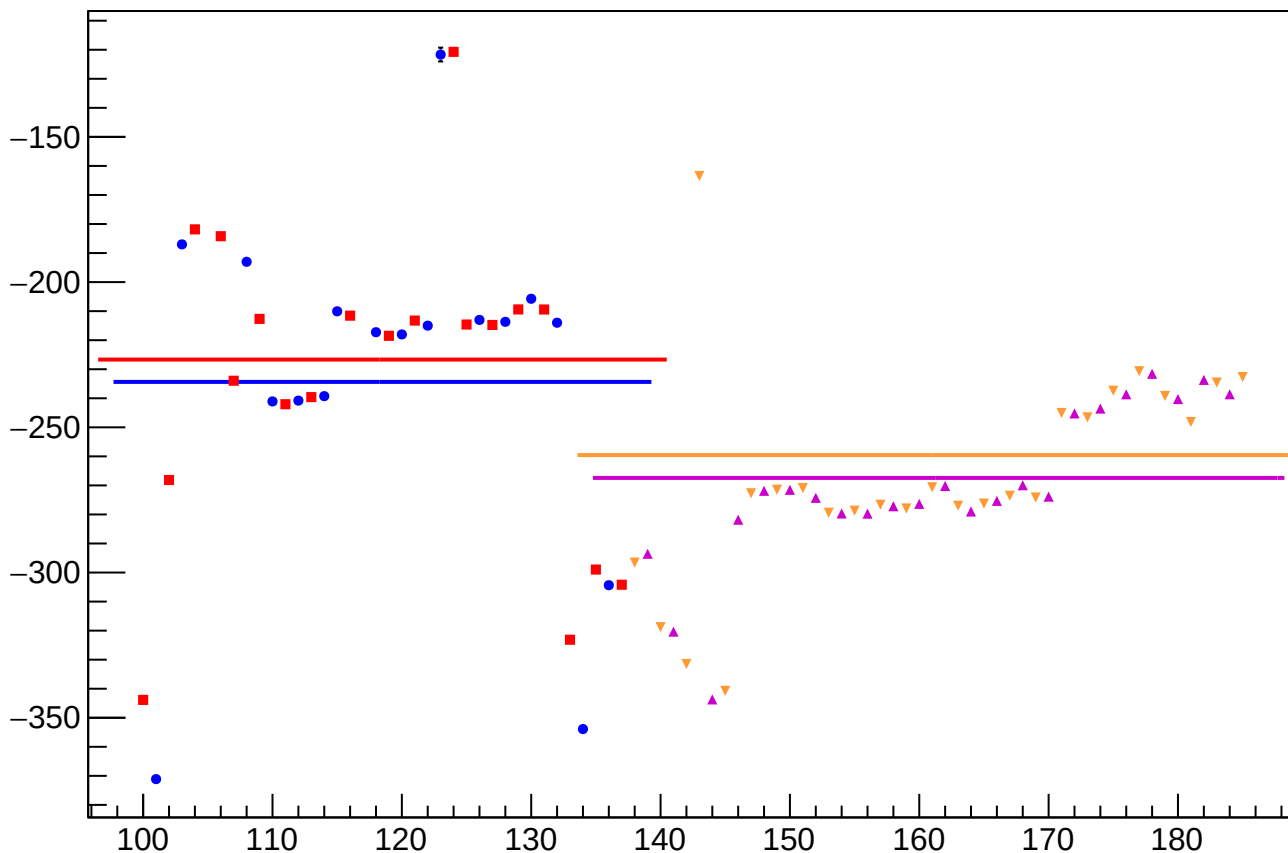
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 144.692 $\pm$ 1.459 χ^2 /NDF: 1104.3/39

Out: 135.678 $\pm$ 1.396 χ^2 /NDF: 1340.1/43

All: 139.985 $\pm$ 1.009 χ^2 /NDF: 2464.3/83

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: -259.565+/-0.079 χ^2/NDF : 238257.0/24

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -267.416+/-0.081 χ^2/NDF : 98892.0/22

Left: -263.379+/-0.057 χ^2/NDF : 341938.7/47

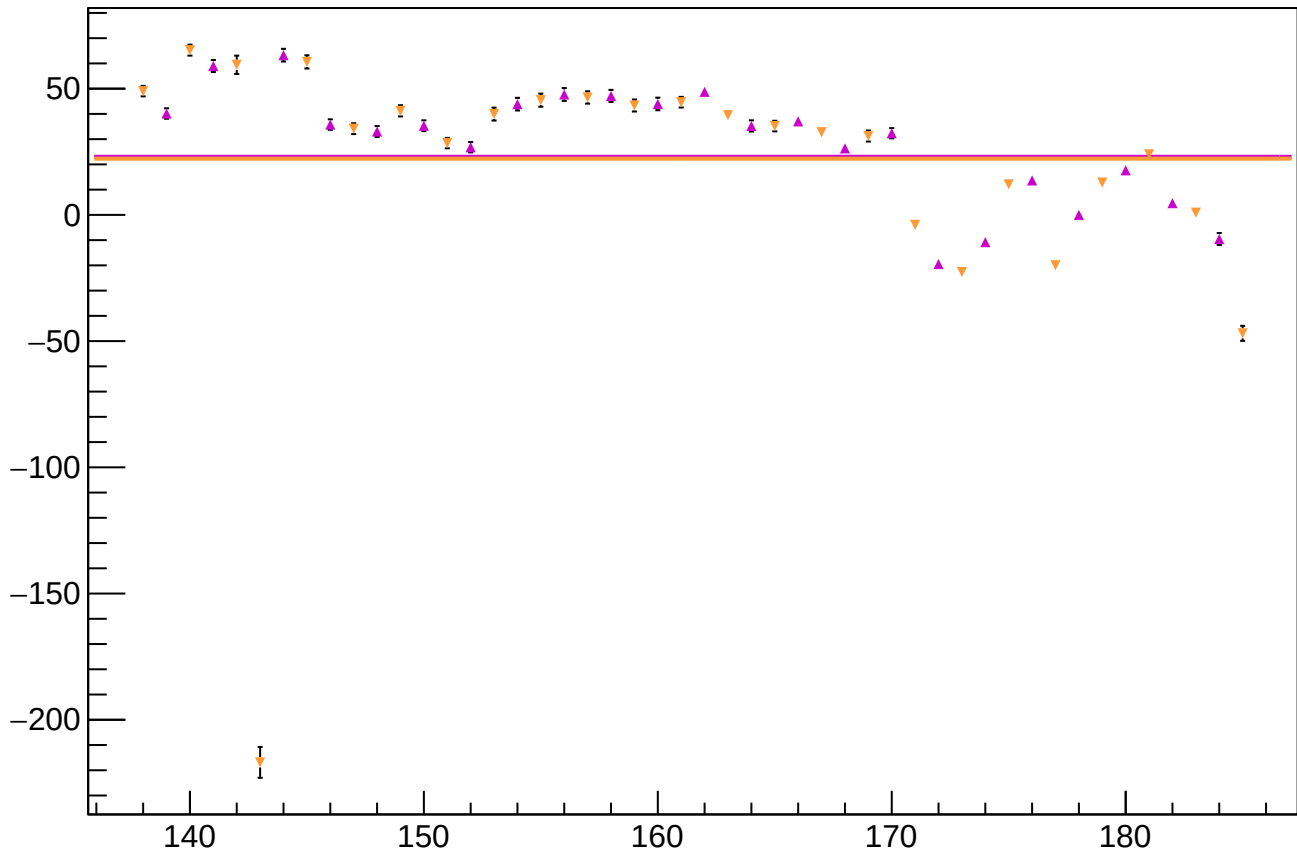
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -259.785+/-0.071 χ^2/NDF : 282174.0/39

Out: -251.719+/-0.069 χ^2/NDF : 379030.7/43

All: -255.617+/-0.050 χ^2/NDF : 667810.9/83

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: 22.277+/-0.399 χ^2/NDF :5170.3/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Left: 22.647+/-0.282 χ^2/NDF : 7991.9/47

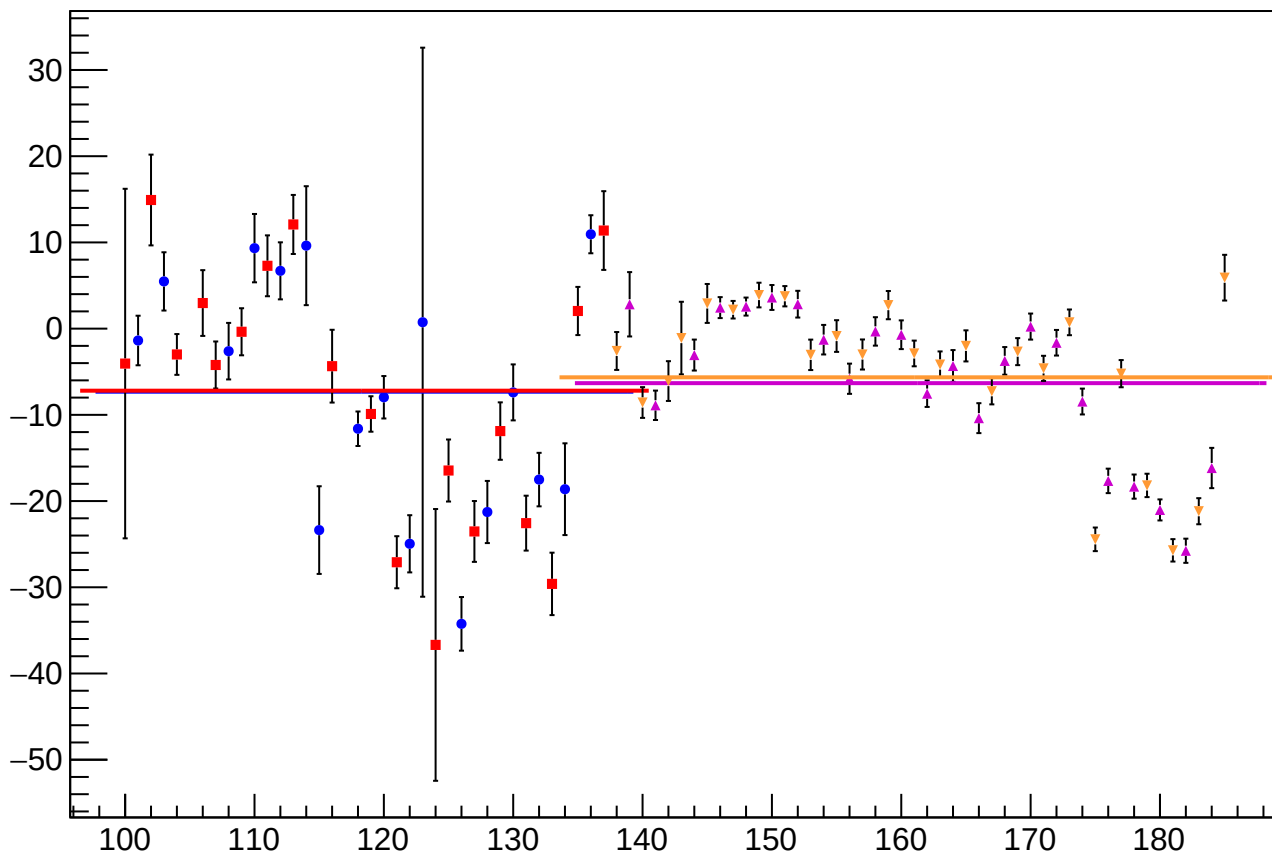
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 23.019+/-0.400 χ^2/NDF :2819.9/22

Out: 22.277+/-0.399 χ^2/NDF :5170.3/24

All: 22.647+/-0.282 χ^2/NDF : 7991.9/47

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.313 ± 0.780 χ^2/NDF : 279.1/16

Left Out: -5.647 ± 0.315 χ^2/NDF : 893.9/24

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -6.323 ± 0.320 χ^2/NDF : 784.4/22

Left: -5.980 ± 0.225 χ^2/NDF : 1680.5/47

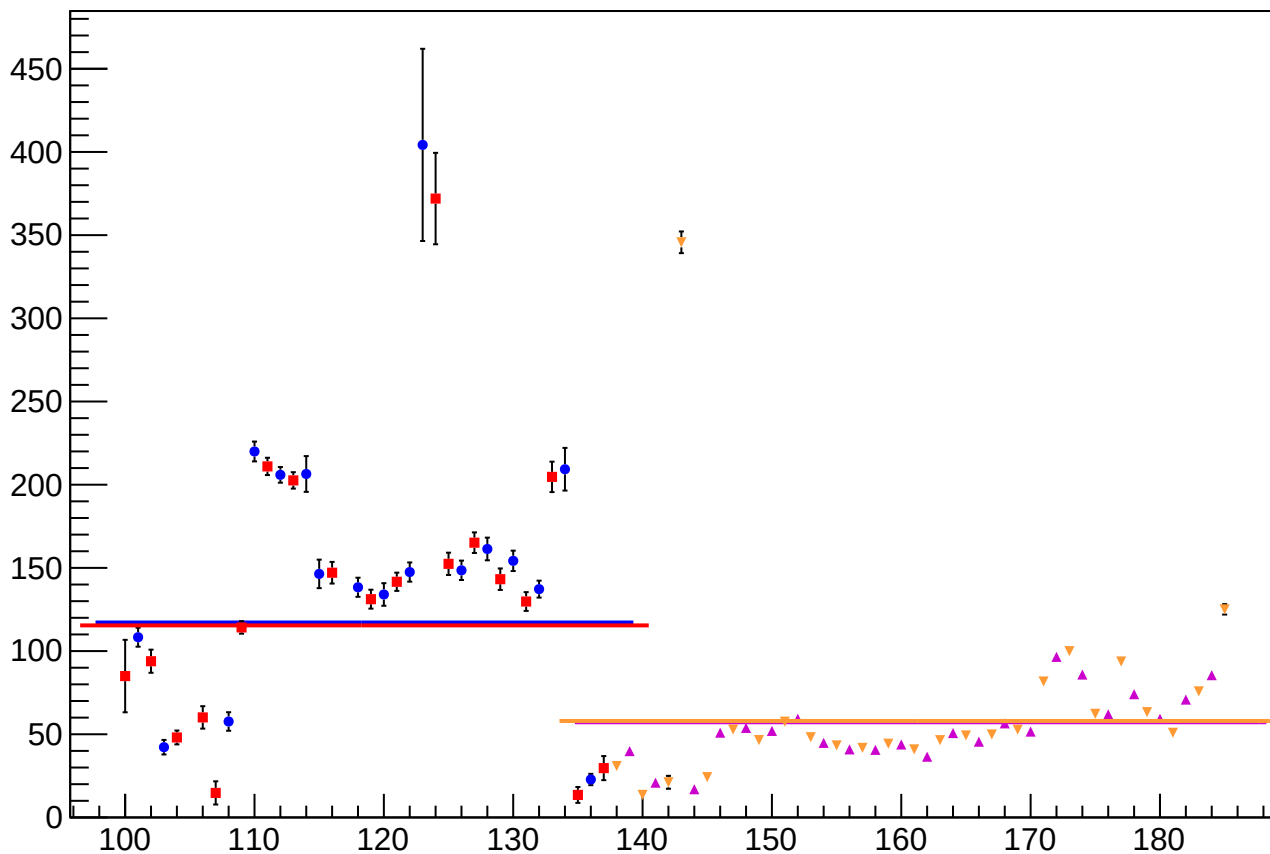
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.466 ± 0.296 χ^2/NDF : 1064.8/39

Out: -5.874 ± 0.291 χ^2/NDF : 1149.5/43

All: -6.165 ± 0.208 χ^2/NDF : 2216.4/83

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: 57.994 ± 0.398 χ^2/NDF : 4635.0/24

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 57.226 ± 0.398 χ^2/NDF : 1860.6/22

Left: 57.610 ± 0.281 χ^2/NDF : 6497.5/47

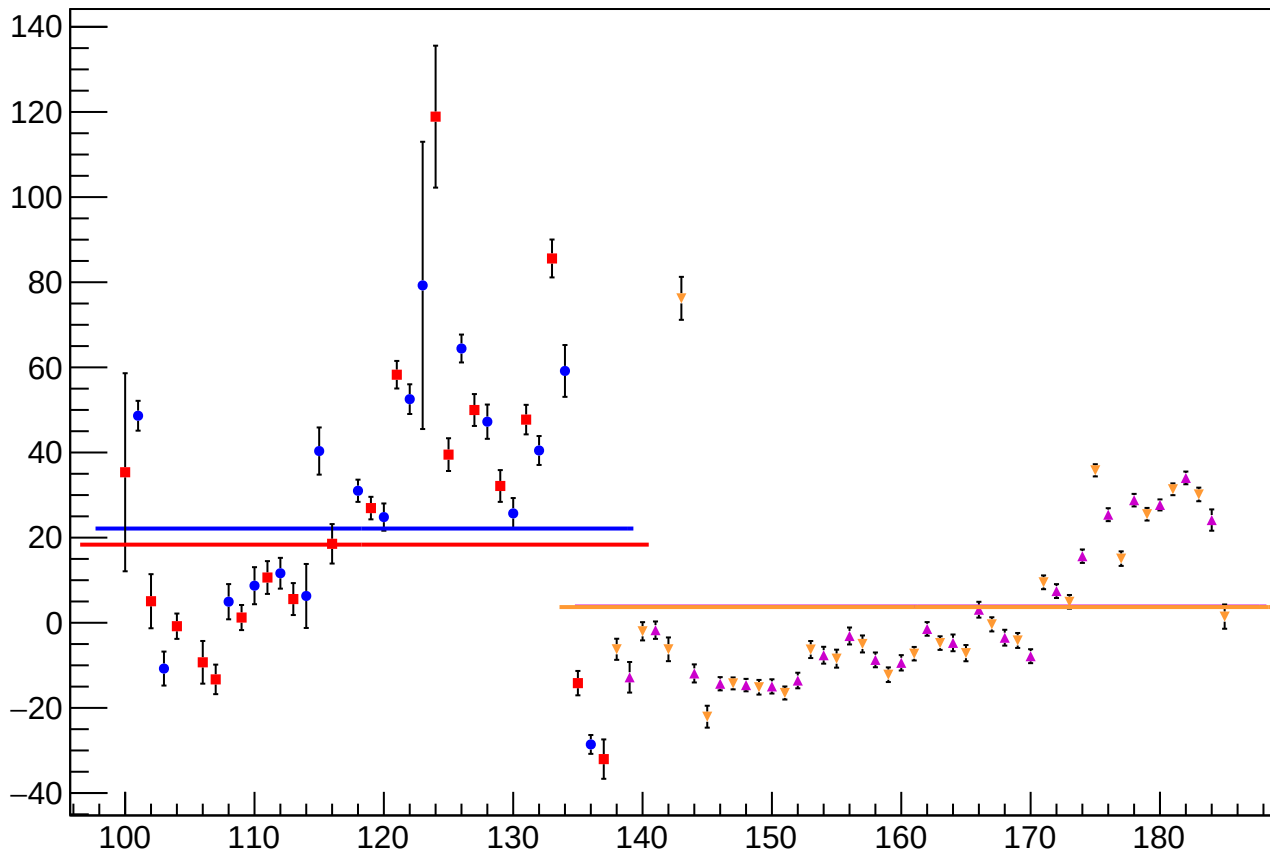
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 61.644 ± 0.383 χ^2/NDF : 5691.5/39

Out: 62.519 ± 0.382 χ^2/NDF : 8428.4/43

All: 62.083 ± 0.270 χ^2/NDF : 14122.6/83

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: 3.687 $\pm$ 0.357 χ^2 /NDF:2541.4/24

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 3.812 $\pm$ 0.361 χ^2 /NDF:2203.5/22

Left: 3.749 $\pm$ 0.254 χ^2 /NDF: 4745.0/47

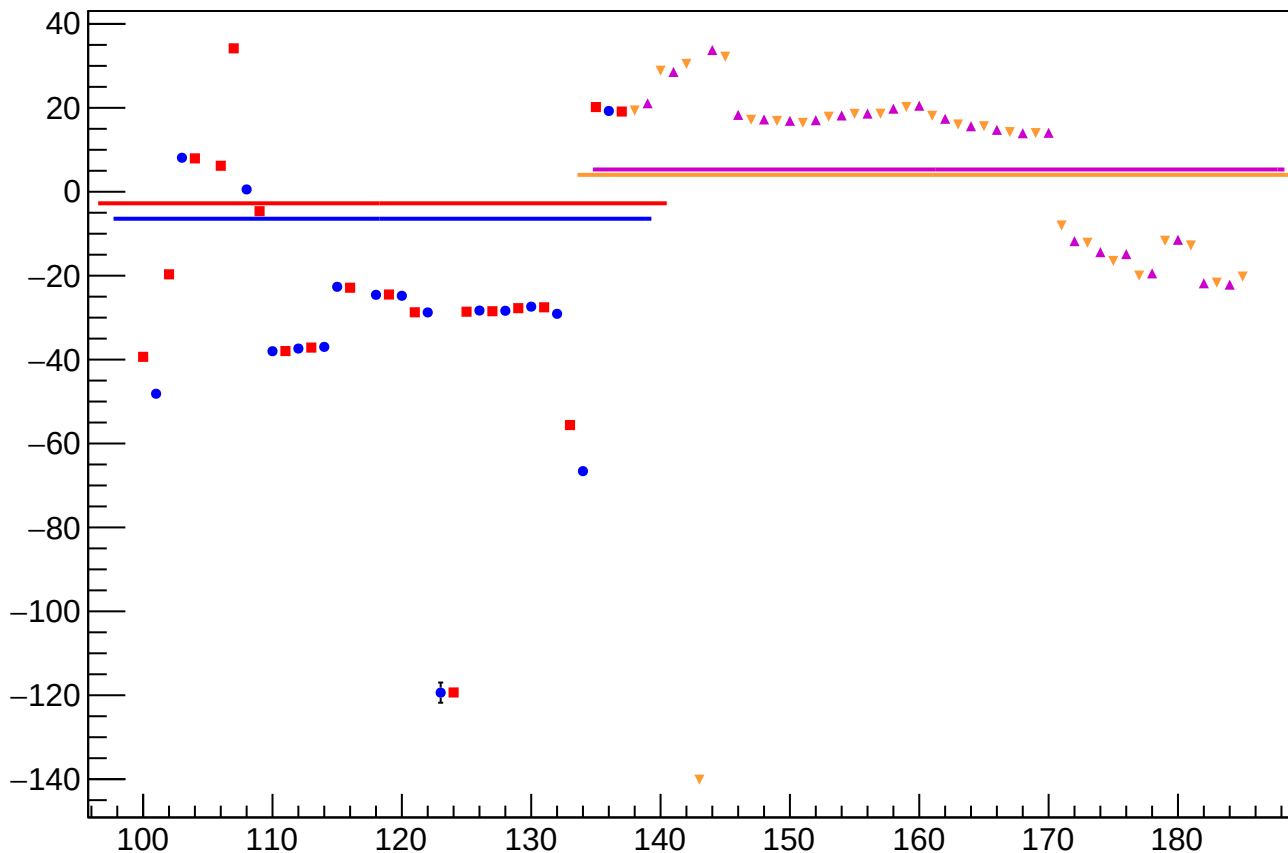
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 6.391 $\pm$ 0.334 χ^2 /NDF:3630.9/39

Out: 5.791 $\pm$ 0.330 χ^2 /NDF:3855.0/43

All: 6.087 $\pm$ 0.235 χ^2 /NDF: 7487.6/83

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: 4.031 $\pm$ 0.016 χ^2/NDF : 1383361.6/24

Right Out: -2.752 $\pm$ 0.046 χ^2/NDF : 266290.0/18

Left In: 5.305 $\pm$ 0.016 χ^2/NDF : 1089610.2/22

Left: 4.668 $\pm$ 0.012 χ^2/NDF : 2476006.3/47

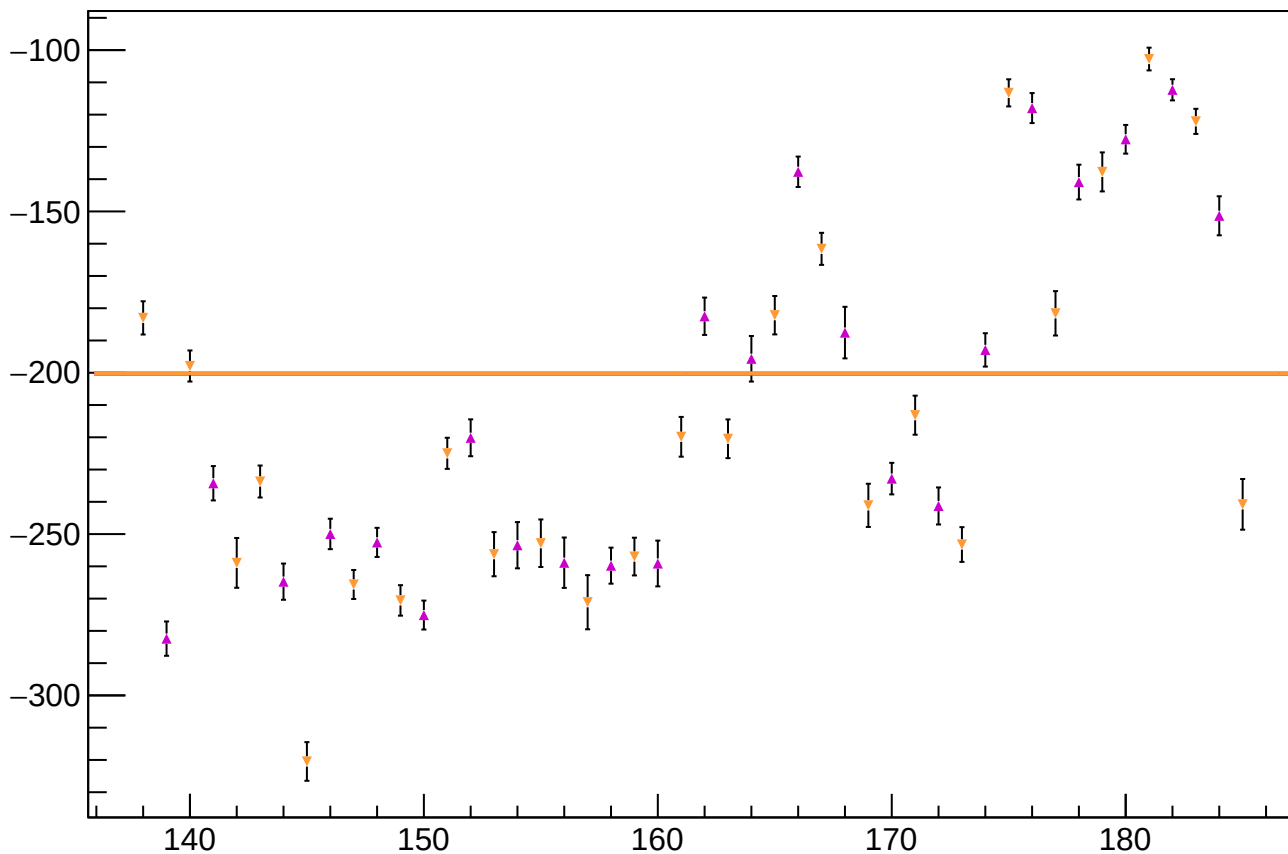
Right: -4.569 $\pm$ 0.032 χ^2/NDF : 534660.8/35

In: 4.000 $\pm$ 0.015 χ^2/NDF : 1412069.1/39

Out: 3.260 $\pm$ 0.015 χ^2/NDF : 1669195.6/43

All: 3.629 $\pm$ 0.011 χ^2/NDF : 3082416.4/83

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: -200.183+/-1.077 χ^2/NDF :3227.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -200.276+/-1.093 χ^2/NDF :3013.8/22

Left: -200.229+/-0.767 χ^2/NDF : 6240.8/47

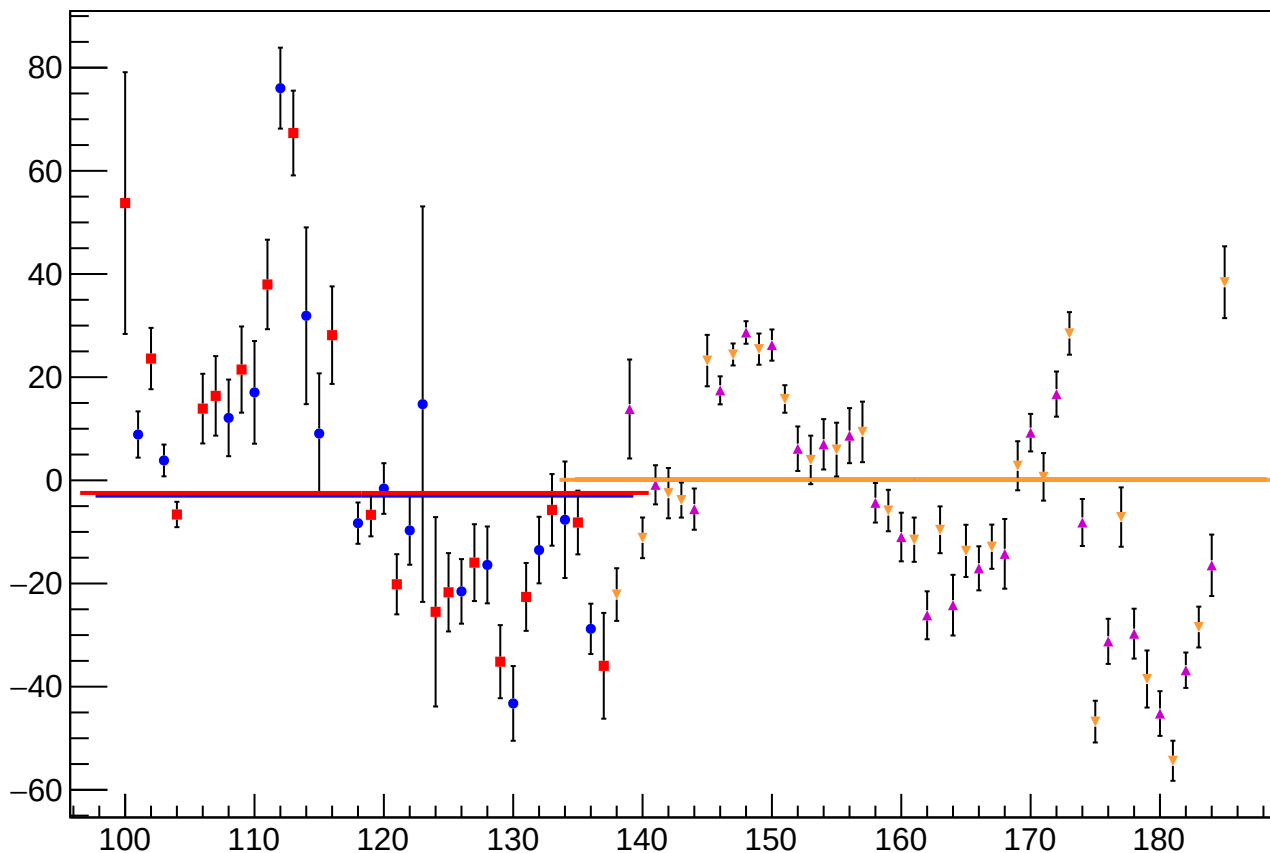
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -200.276+/-1.093 χ^2/NDF :3013.8/22

Out: -200.183+/-1.077 χ^2/NDF :3227.0/24

All: -200.229+/-0.767 χ^2/NDF : 6240.8/47

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 0.102 ± 0.807 χ^2/NDF : 831.3/24

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 0.153 ± 0.836 χ^2/NDF : 719.6/22

Left: 0.127 ± 0.581 χ^2/NDF : 1551.0/47

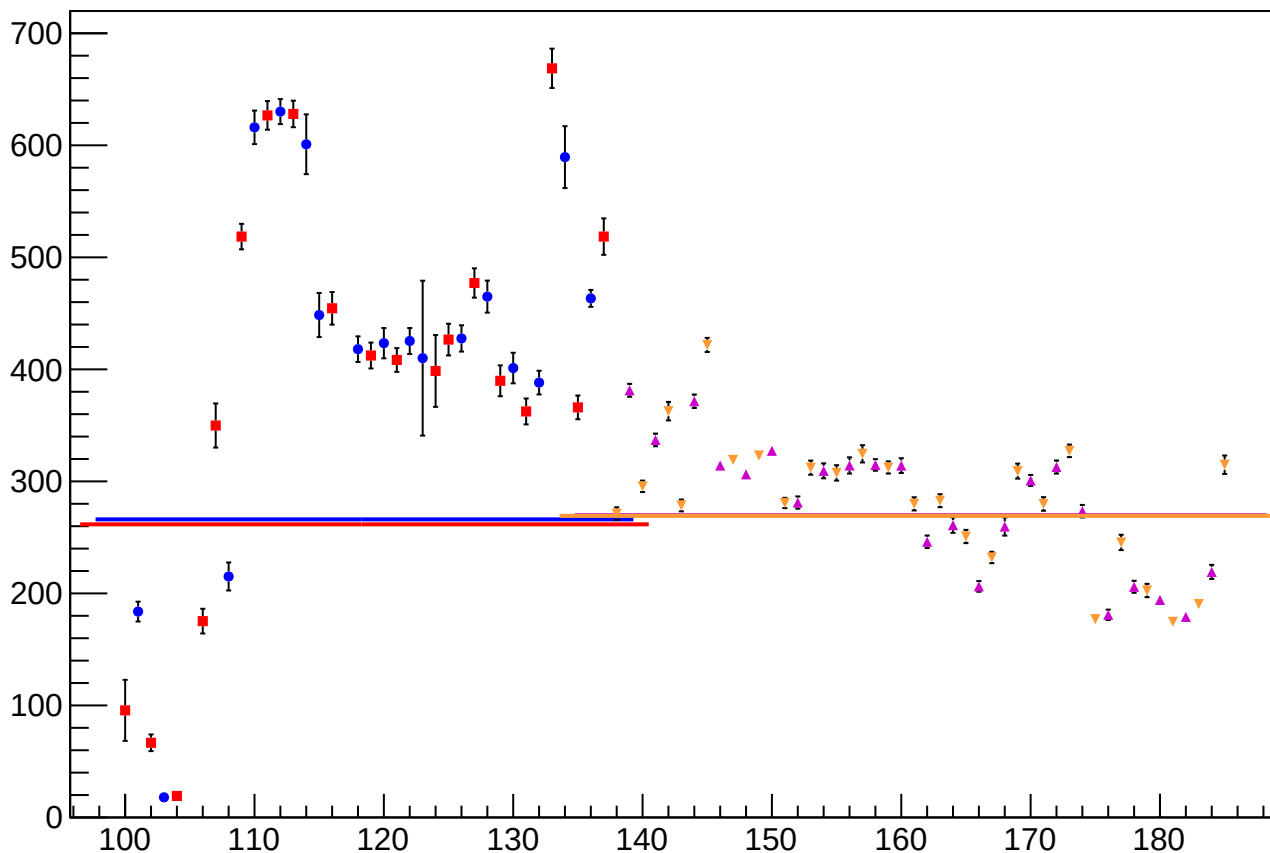
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -0.623 ± 0.725 χ^2/NDF : 926.6/39

Out: -0.535 ± 0.699 χ^2/NDF : 1049.2/43

All: -0.577 ± 0.503 χ^2/NDF : 1975.9/83

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: 269.237 $\pm$ 1.077 χ^2 /NDF:3148.5/24

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 269.798 $\pm$ 1.087 χ^2 /NDF:3234.9/22

Left: 269.515 $\pm$ 0.765 χ^2 /NDF: 6383.6/47

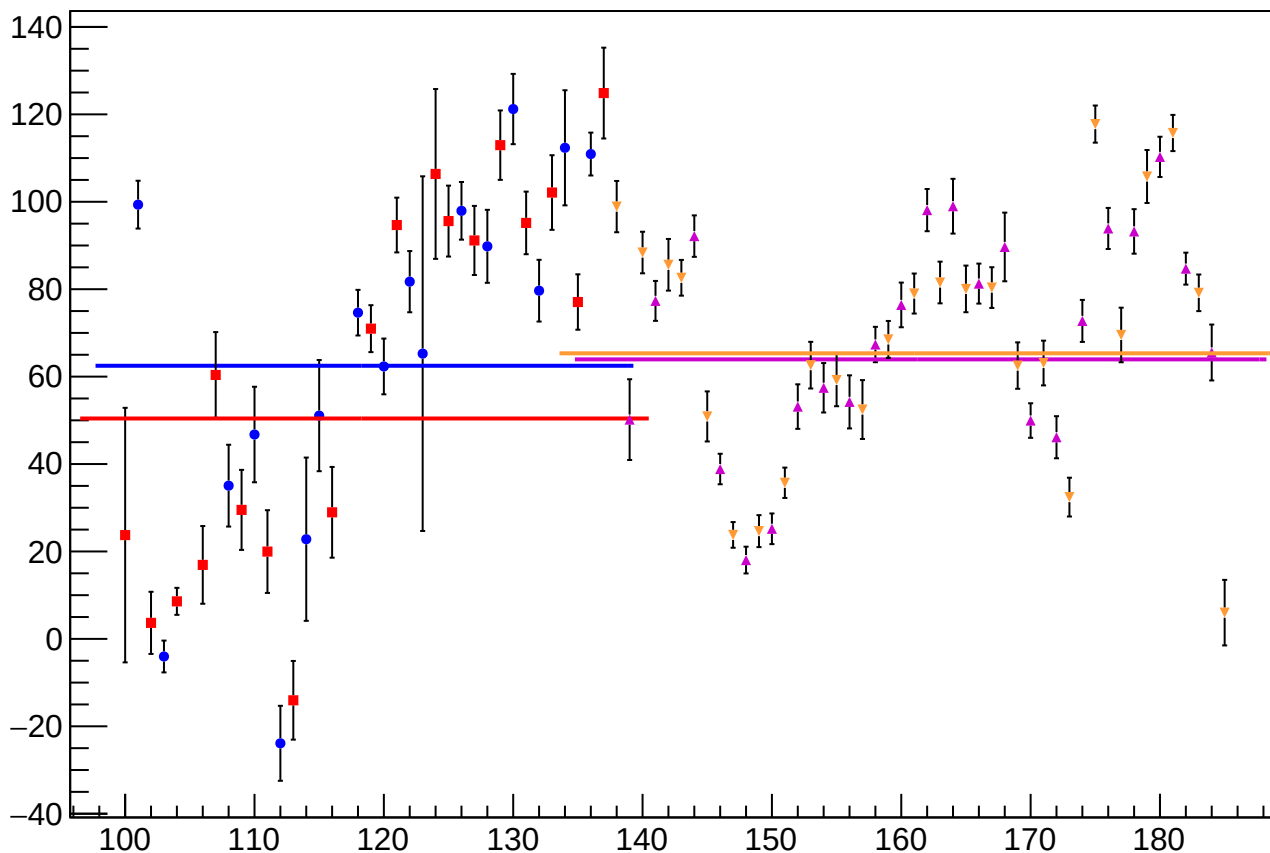
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 269.204 $\pm$ 0.996 χ^2 /NDF:10880.8/39

Out: 268.012 $\pm$ 0.987 χ^2 /NDF:11366.0/43

All: 268.603 $\pm$ 0.701 χ^2 /NDF: 22247.5/83

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485+/-1.681 χ^2/NDF : 720.8/16

Left Out: 65.332+/-0.934 χ^2/NDF :1007.2/24

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 63.944+/-0.961 χ^2/NDF :803.4/22

Left: 64.657+/-0.670 χ^2/NDF : 1811.7/47

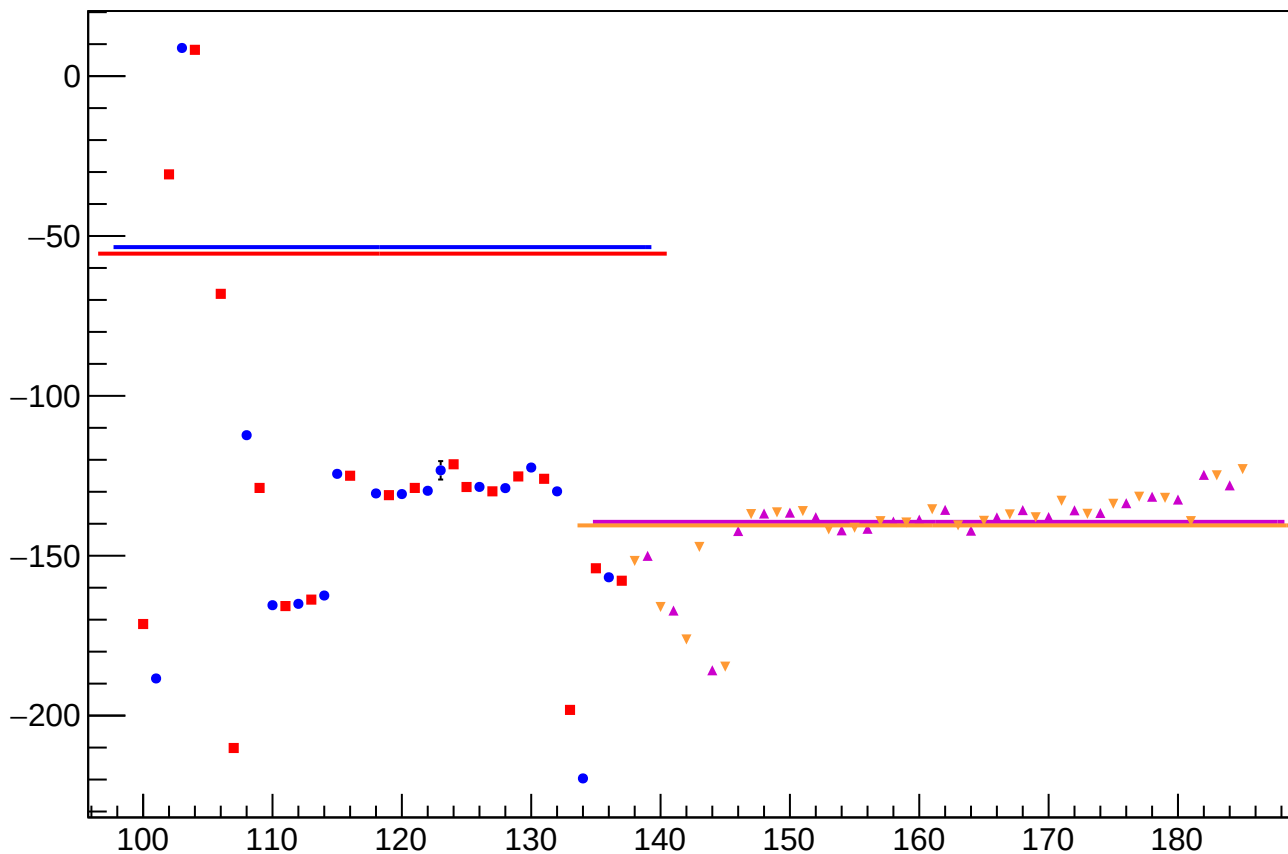
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 63.585+/-0.834 χ^2/NDF :1524.7/39

Out: 61.684+/-0.812 χ^2/NDF :1721.0/43

All: 62.609+/-0.582 χ^2/NDF : 3248.4/83

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481+/-0.070 χ^2/NDF : 1228730.5/16

Left Out: -140.517+/-0.045 χ^2/NDF : 77491.5/24

Right Out: -55.523+/-0.072 χ^2/NDF : 969818.3/18

Left In: -139.406+/-0.045 χ^2/NDF : 62878.4/22

Left: -139.965+/-0.032 χ^2/NDF : 140678.8/47

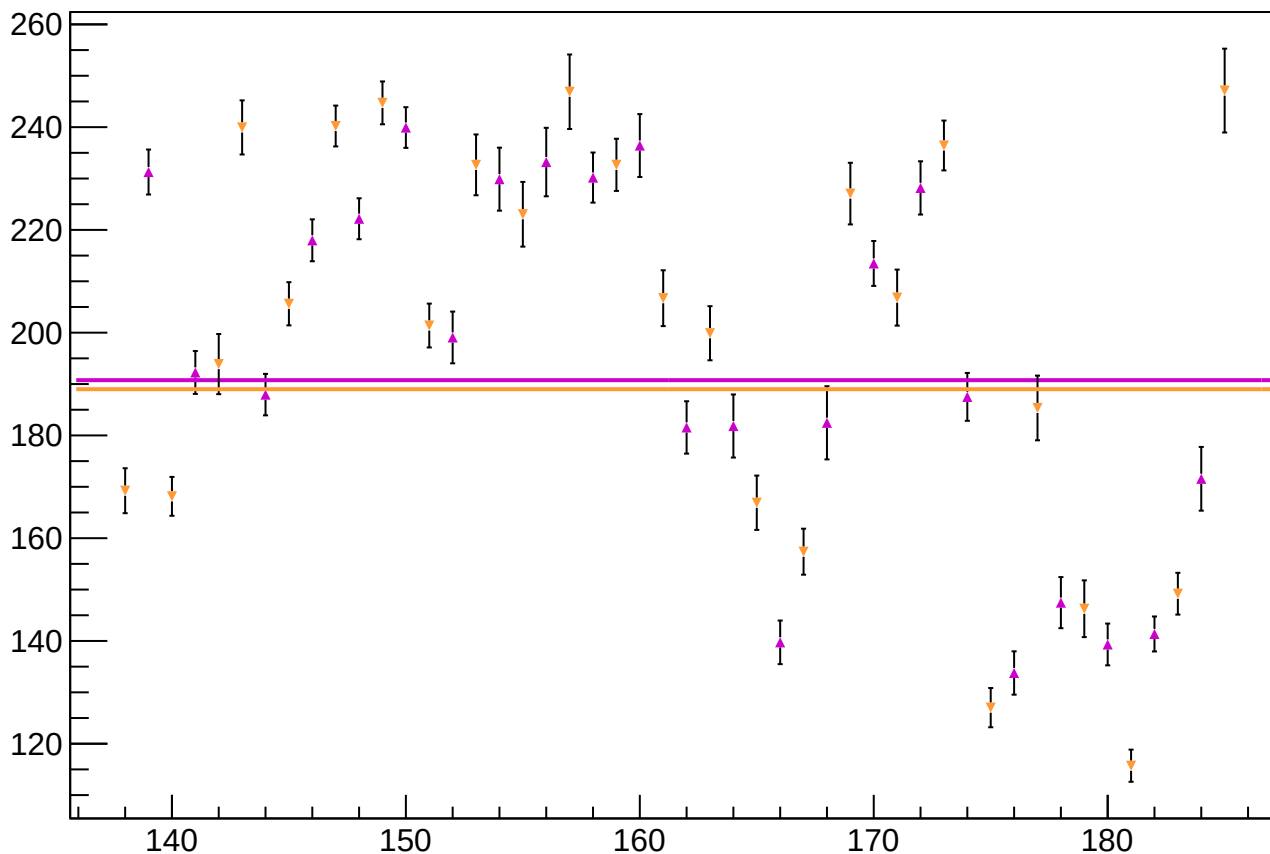
Right: -54.479+/-0.050 χ^2/NDF : 2198961.2/35

In: -114.565+/-0.038 χ^2/NDF : 2353351.2/39

Out: -116.943+/-0.038 χ^2/NDF : 2057330.8/43

All: -115.752+/-0.027 χ^2/NDF : 4412657.7/83

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 188.997+/-0.956 χ^2/NDF :1982.4/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Left: 189.861+/-0.681 χ^2/NDF : 3405.8/47

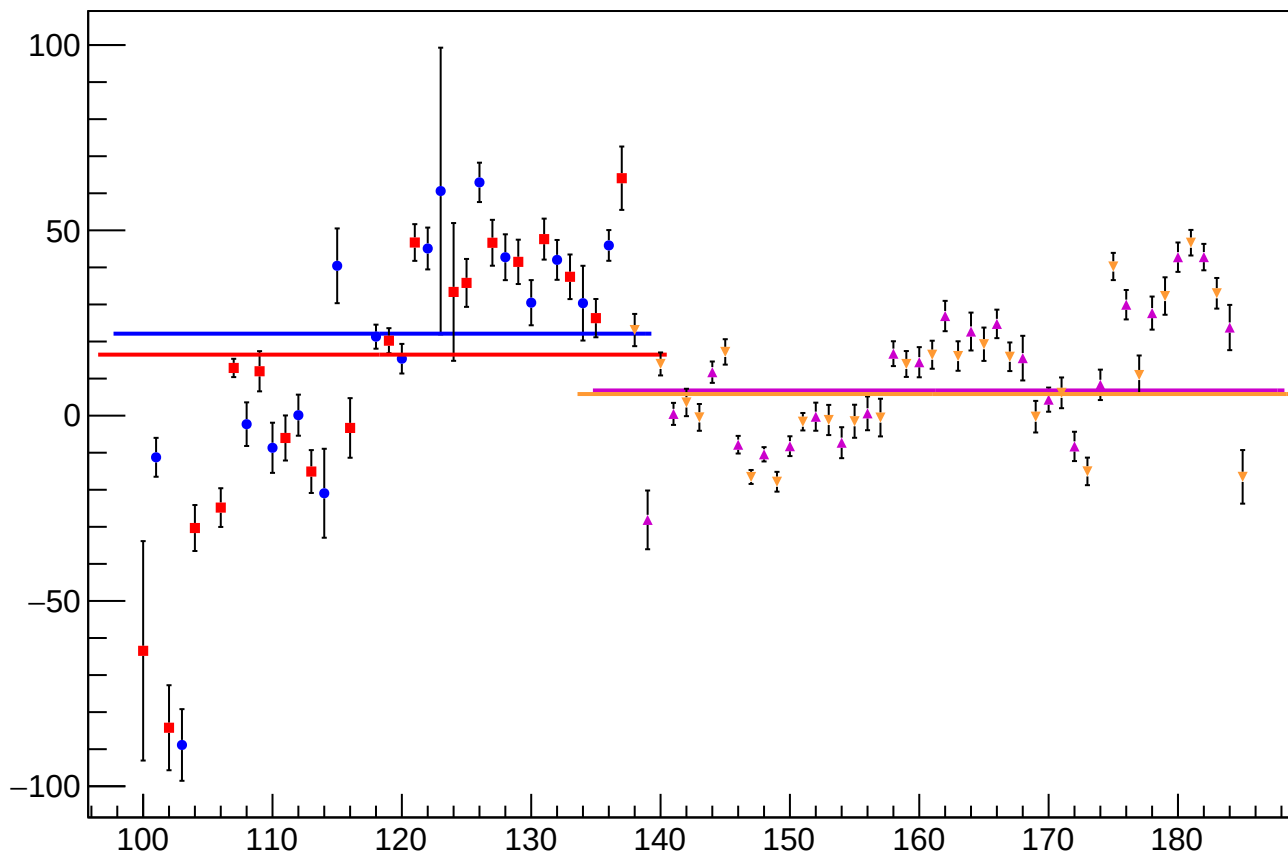
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 190.753+/-0.971 χ^2/NDF :1421.8/22

Out: 188.997+/-0.956 χ^2/NDF :1982.4/24

All: 189.861+/-0.681 χ^2/NDF : 3405.8/47

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: 5.831 ± 0.712 $\chi^2/\text{NDF}: 652.0/24$

Right Out: 16.464 ± 1.228 $\chi^2/\text{NDF}: 424.1/18$

Left In: 6.797 ± 0.735 $\chi^2/\text{NDF}: 525.8/22$

Left: 6.299 ± 0.511 $\chi^2/\text{NDF}: 1178.7/47$

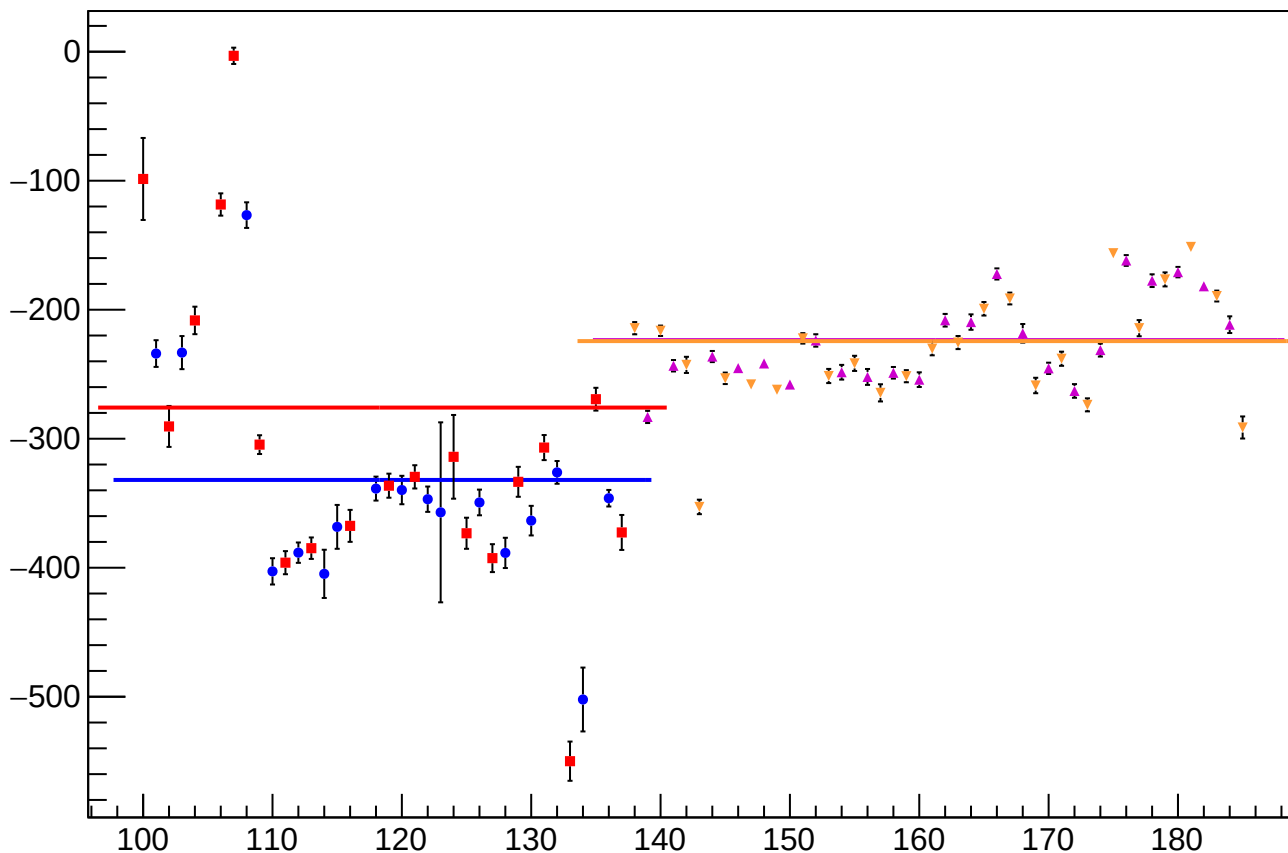
Right: 18.970 ± 0.916 $\chi^2/\text{NDF}: 815.5/35$

In: 10.195 ± 0.648 $\chi^2/\text{NDF}: 1004.2/39$

Out: 8.508 ± 0.616 $\chi^2/\text{NDF}: 1132.2/43$

All: 9.309 ± 0.447 $\chi^2/\text{NDF}: 2140.0/83$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -224.331 ± 0.956 χ^2/NDF : 2104.7/24

Right Out: -275.853 ± 2.323 χ^2/NDF : 3361.7/18

Left In: -223.554 ± 0.966 χ^2/NDF : 1286.5/22

Left: -223.946 ± 0.679 χ^2/NDF : 3391.5/47

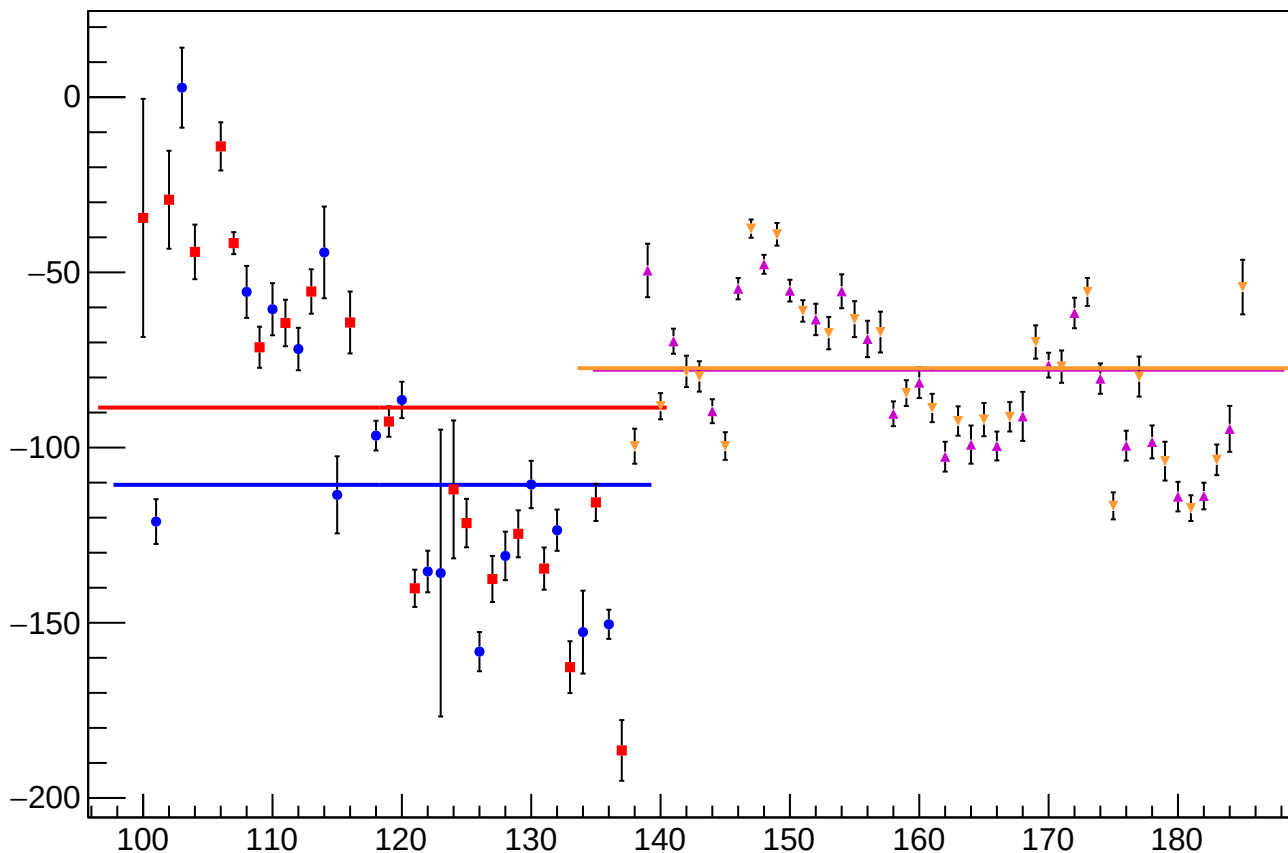
Right: -301.110 ± 1.723 χ^2/NDF : 4409.7/35

In: -236.988 ± 0.904 χ^2/NDF : 3633.9/39

Out: -231.788 ± 0.884 χ^2/NDF : 5887.0/43

All: -234.330 ± 0.632 χ^2/NDF : 9537.8/83

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -77.336 ± 0.826 χ^2/NDF : 845.8/24

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -77.777 ± 0.847 χ^2/NDF : 624.5/22

Left: -77.551 ± 0.591 χ^2/NDF : 1470.3/47

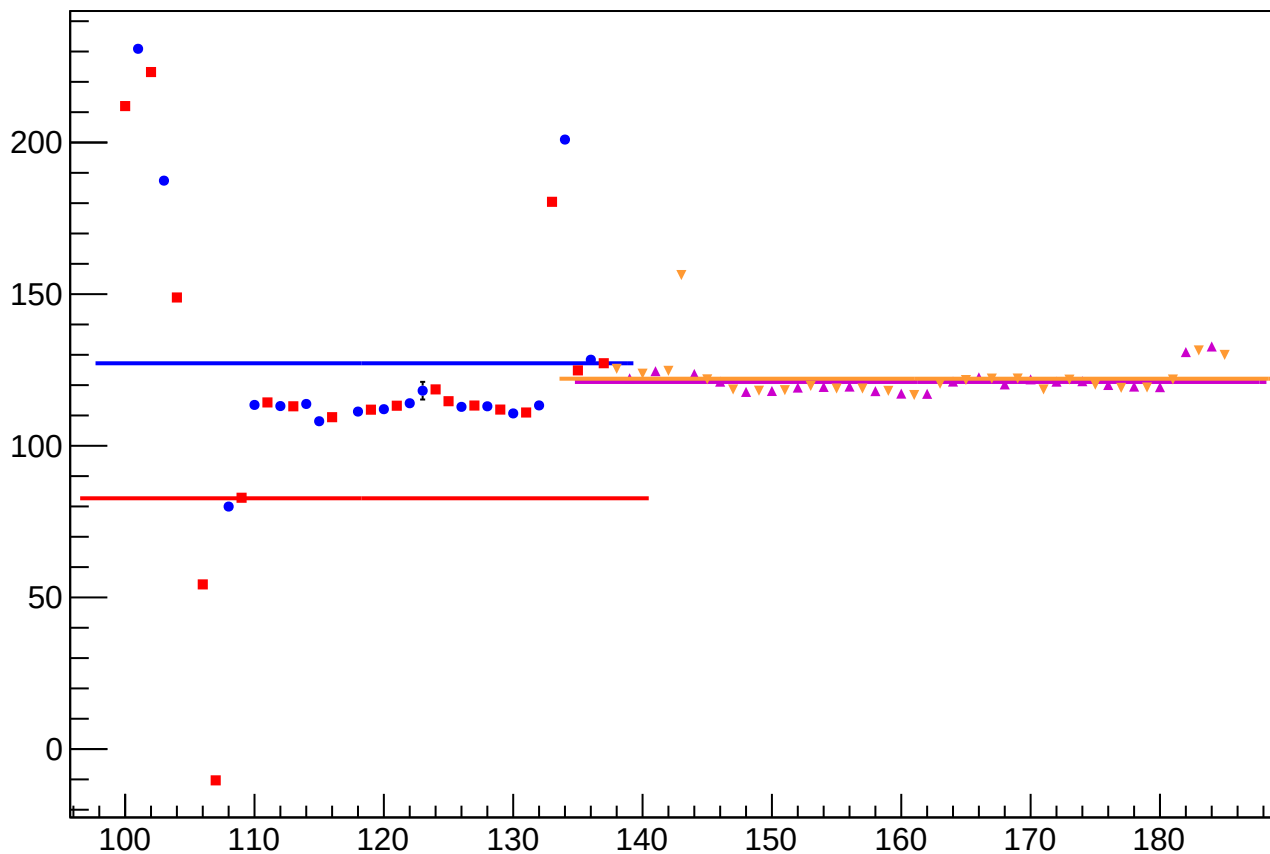
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -85.099 ± 0.746 χ^2/NDF : 1468.9/39

Out: -80.144 ± 0.716 χ^2/NDF : 1858.5/43

All: -82.518 ± 0.517 χ^2/NDF : 3350.4/83

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: 122.120 $\pm$ 0.039 χ^2 /NDF:30480.8/24

Right Out: 82.690 $\pm$ 0.075 χ^2 /NDF: 765706.3/18

Left In: 121.045 $\pm$ 0.040 χ^2 /NDF:7903.5/22

Left: 121.585 $\pm$ 0.028 χ^2 /NDF: 38754.3/47

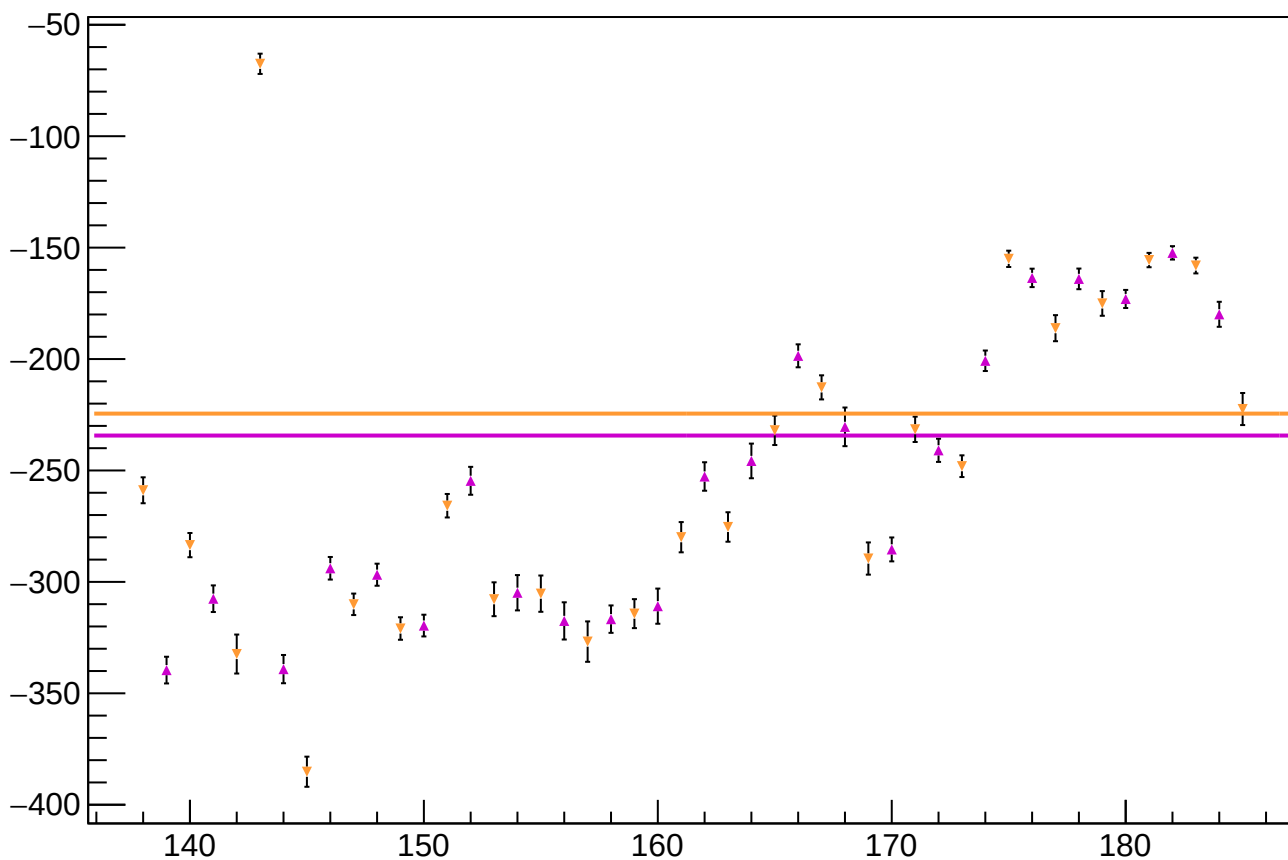
Right: 101.224 $\pm$ 0.058 χ^2 /NDF: 1099306.1/35

In: 122.059 $\pm$ 0.036 χ^2 /NDF:199918.8/39

Out: 113.641 $\pm$ 0.035 χ^2 /NDF:1011522.6/43

All: 117.702 $\pm$ 0.025 χ^2 /NDF: 1239490.5/83

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: -224.483 ± 1.079 $\chi^2/\text{NDF}: 4870.9/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -234.328 ± 1.104 $\chi^2/\text{NDF}: 3591.9/22$

Left: -229.290 ± 0.772 $\chi^2/\text{NDF}: 8503.5/47$

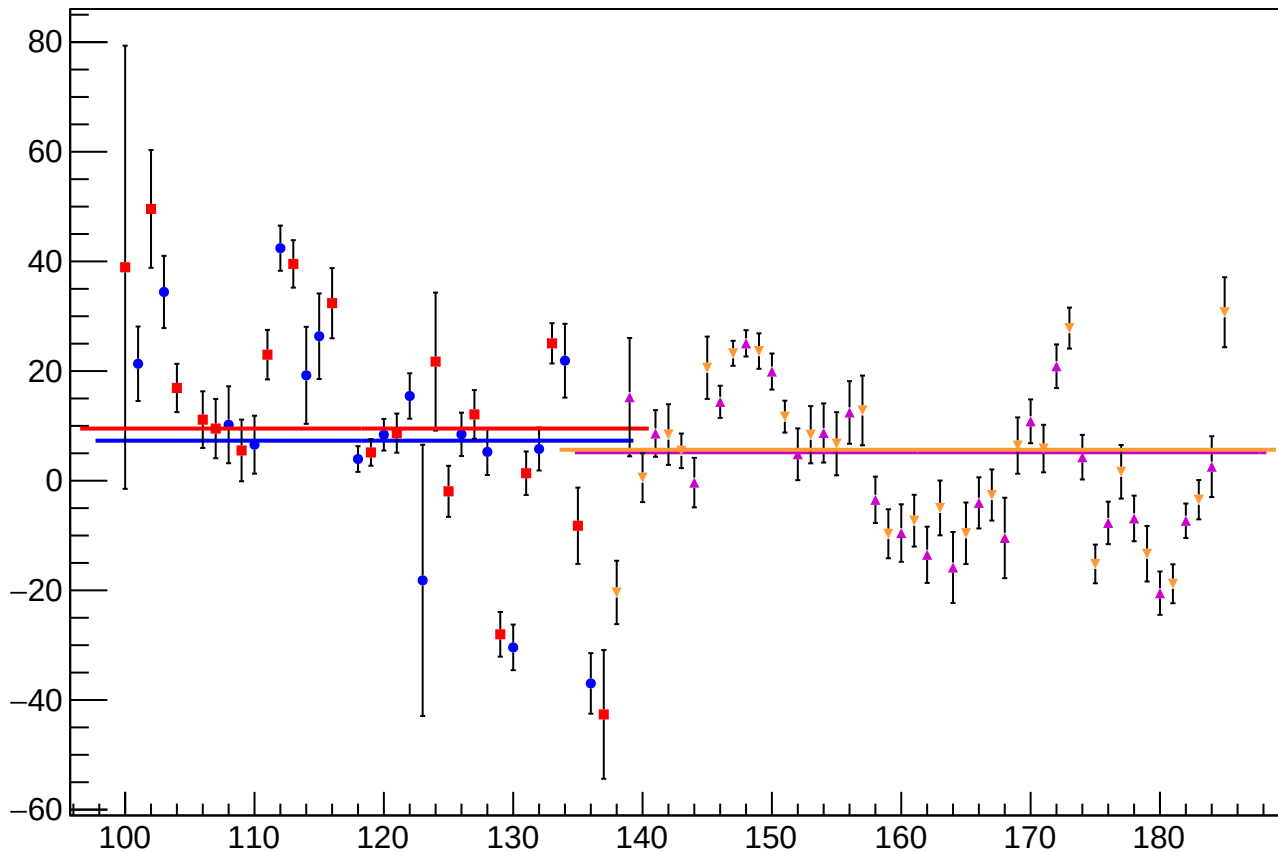
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -234.328 ± 1.104 $\chi^2/\text{NDF}: 3591.9/22$

Out: -224.483 ± 1.079 $\chi^2/\text{NDF}: 4870.9/24$

All: -229.290 ± 0.772 $\chi^2/\text{NDF}: 8503.5/47$

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: 5.645 ± 0.828 χ^2/NDF : 313.4/24

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 5.186 ± 0.867 χ^2/NDF : 243.2/22

Left: 5.426 ± 0.599 χ^2/NDF : 556.7/47

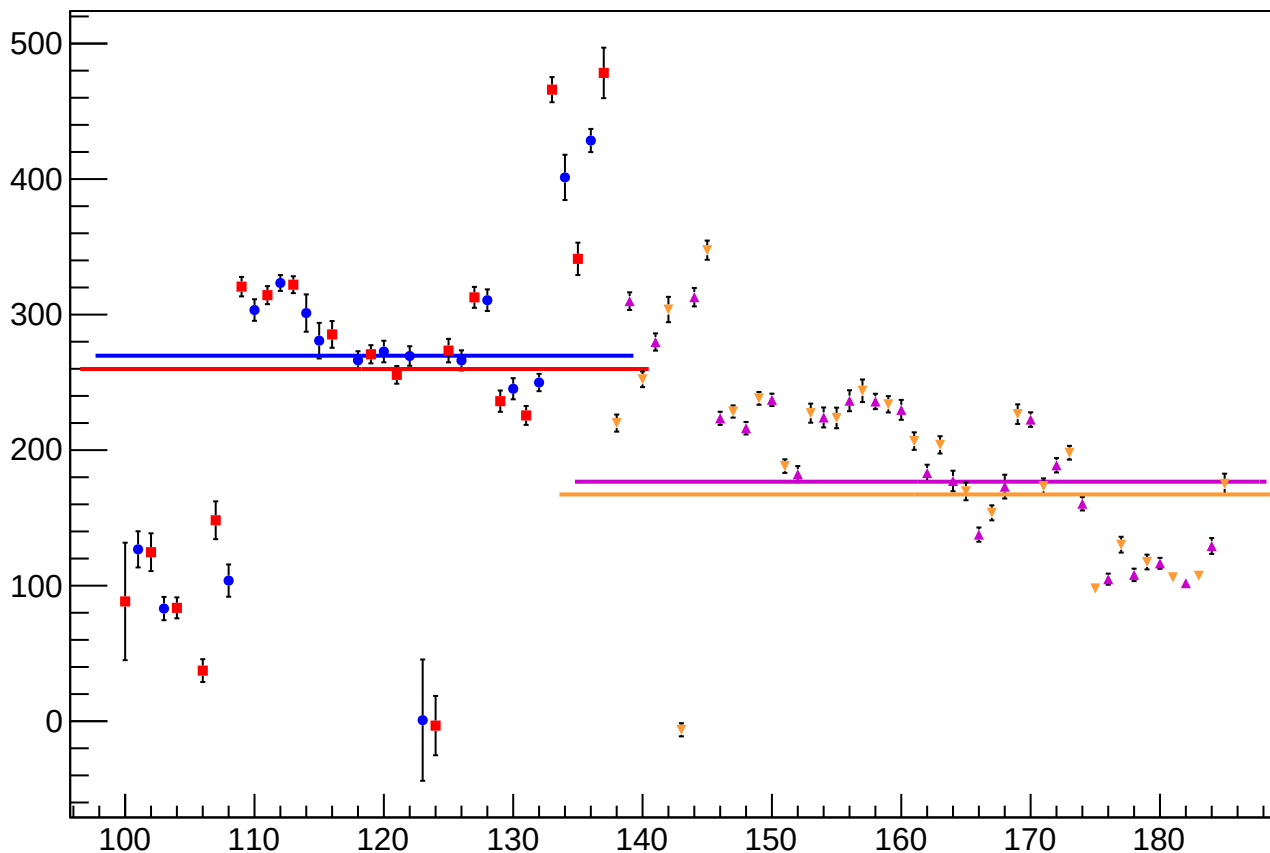
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.010 ± 0.677 χ^2/NDF : 506.1/39

Out: 7.088 ± 0.655 χ^2/NDF : 553.2/43

All: 6.567 ± 0.471 χ^2/NDF : 1060.7/83

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 167.309 $\pm$ 1.082 χ^2 /NDF:4454.8/24

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 176.711 $\pm$ 1.102 χ^2 /NDF:3234.3/22

Left: 171.925 $\pm$ 0.772 χ^2 /NDF: 7726.1/47

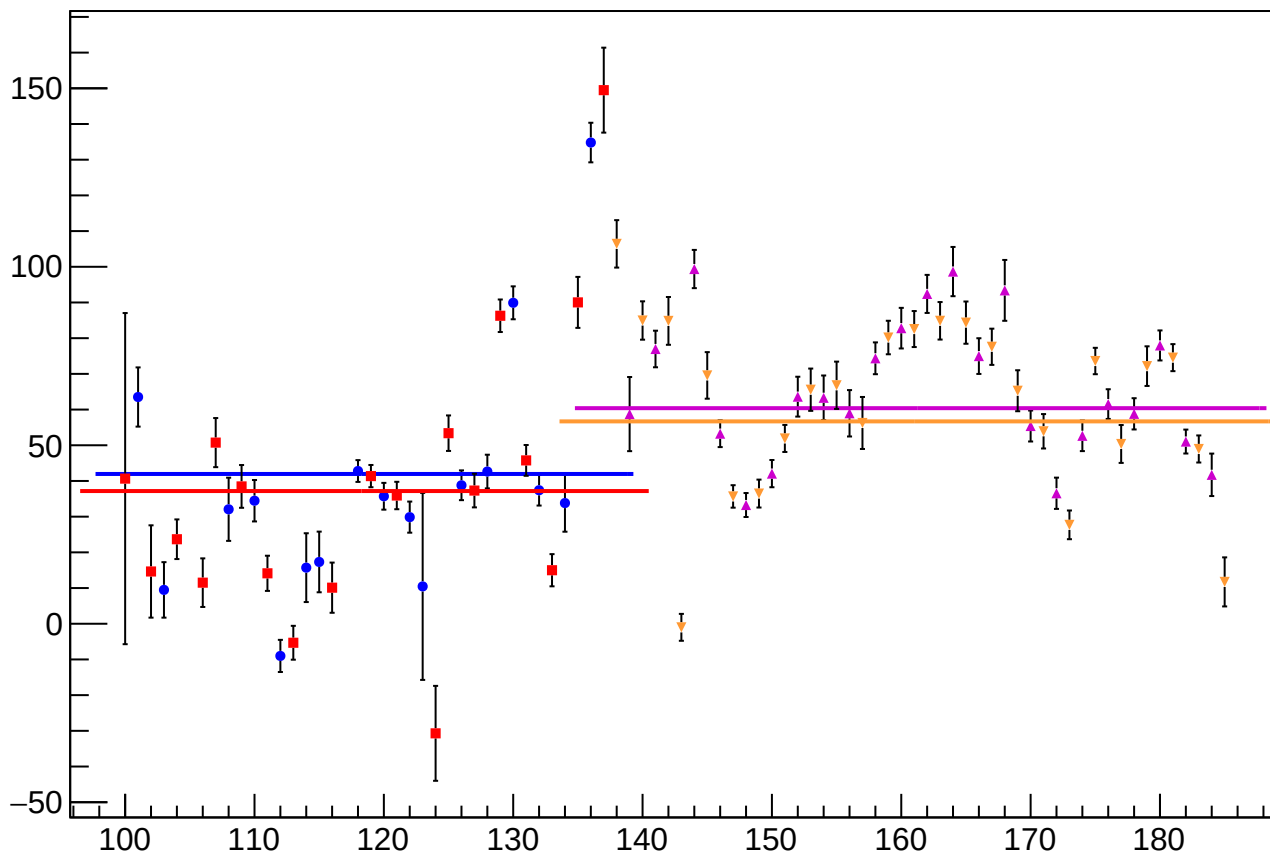
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 197.140 $\pm$ 0.973 χ^2 /NDF:6175.0/39

Out: 188.653 $\pm$ 0.949 χ^2 /NDF:8685.4/43

All: 192.791 $\pm$ 0.680 χ^2 /NDF: 14899.4/83

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 56.690 ± 0.951 $\chi^2/\text{NDF}: 689.9/24$

Right Out: 37.174 ± 1.236 $\chi^2/\text{NDF}: 470.9/18$

Left In: 60.392 ± 0.987 $\chi^2/\text{NDF}: 341.2/22$

Left: 58.473 ± 0.685 $\chi^2/\text{NDF}: 1038.4/47$

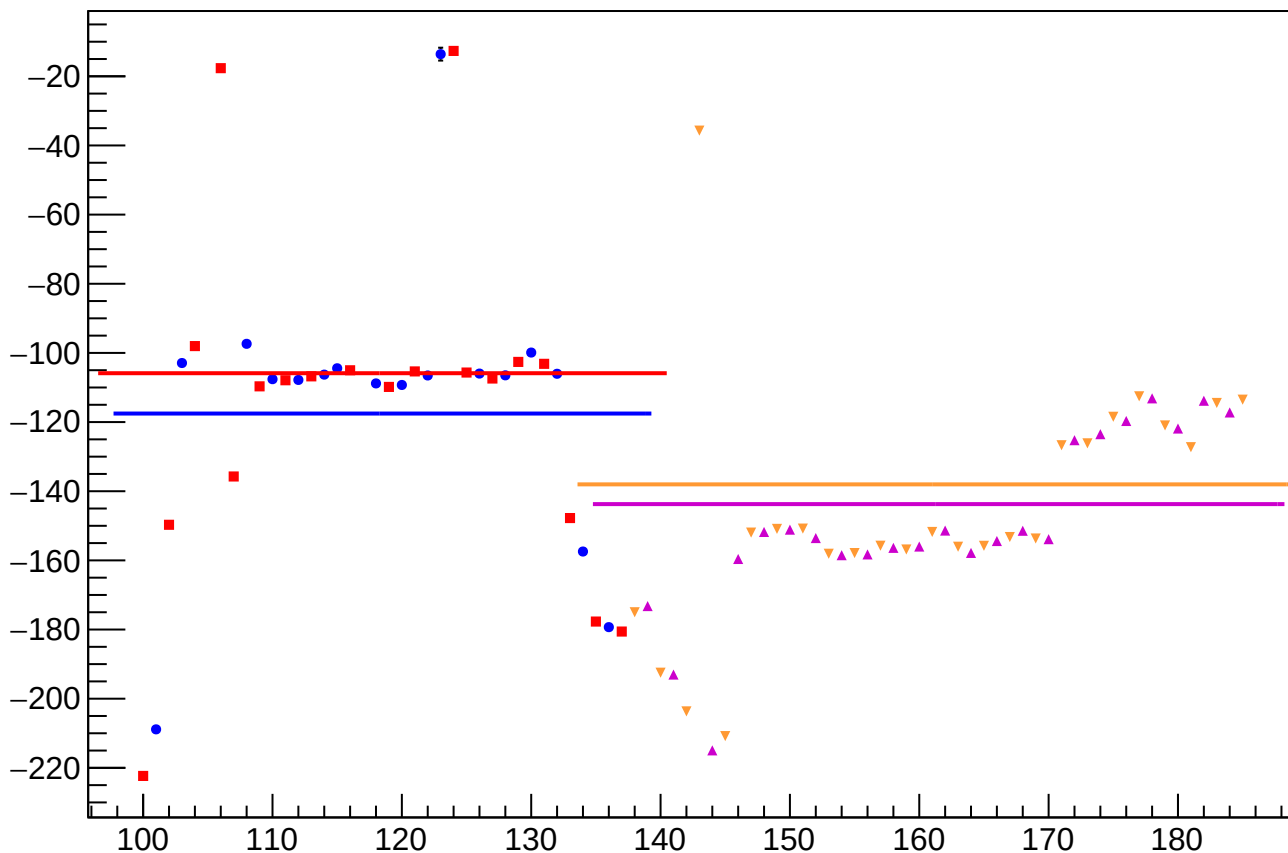
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/35$

In: 53.369 ± 0.777 $\chi^2/\text{NDF}: 1048.3/39$

Out: 49.426 ± 0.754 $\chi^2/\text{NDF}: 1317.4/43$

All: 51.339 ± 0.541 $\chi^2/\text{NDF}: 2379.0/83$

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -138.017+/-0.045 χ^2/NDF : 565836.3/24

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -143.726+/-0.046 χ^2/NDF : 260994.5/22

Left: -140.822+/-0.032 χ^2/NDF : 834696.4/47

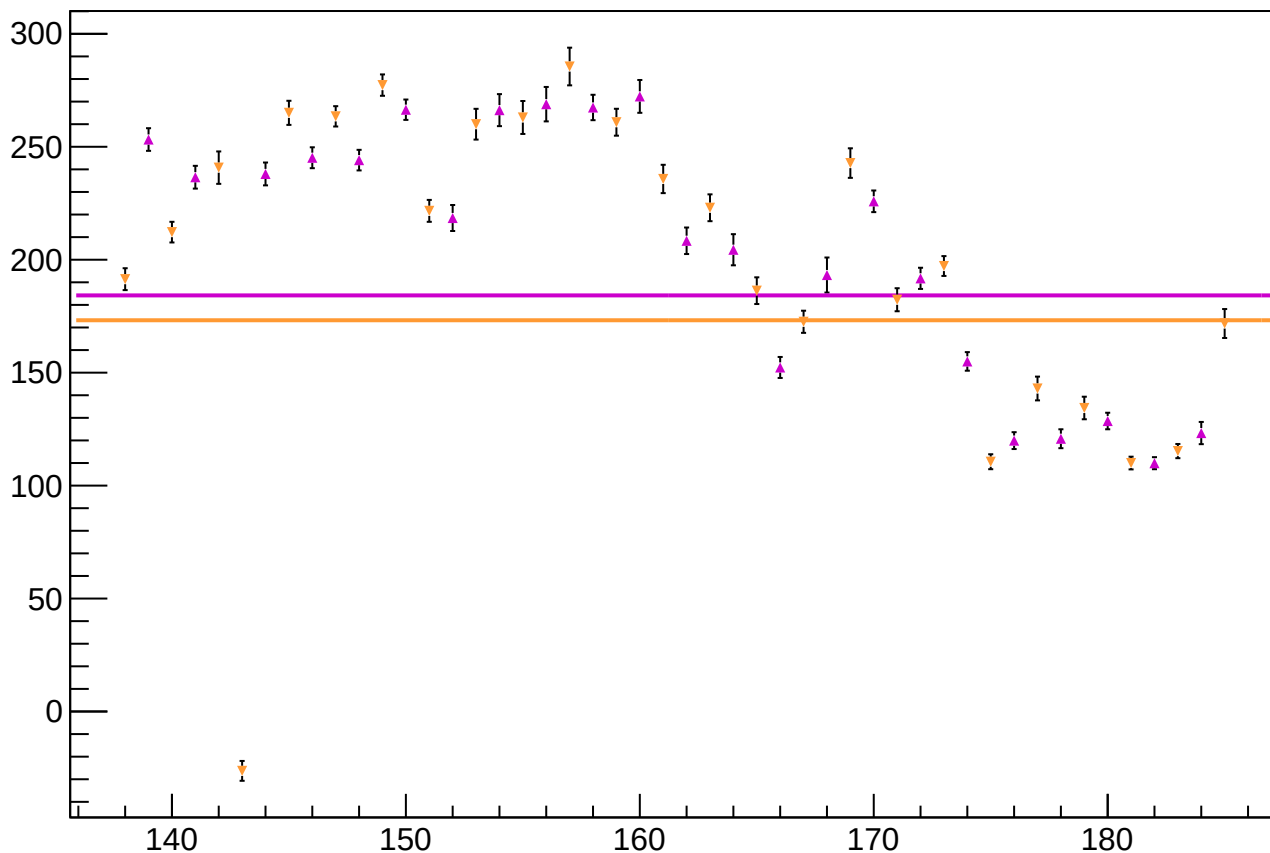
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -137.003+/-0.040 χ^2/NDF : 486587.3/39

Out: -129.091+/-0.038 χ^2/NDF : 1031127.9/43

All: -132.922+/-0.028 χ^2/NDF : 1538326.7/83

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 173.201+/-0.965 χ^2/NDF :5846.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Left: 178.581+/-0.690 χ^2/NDF : 9546.6/47

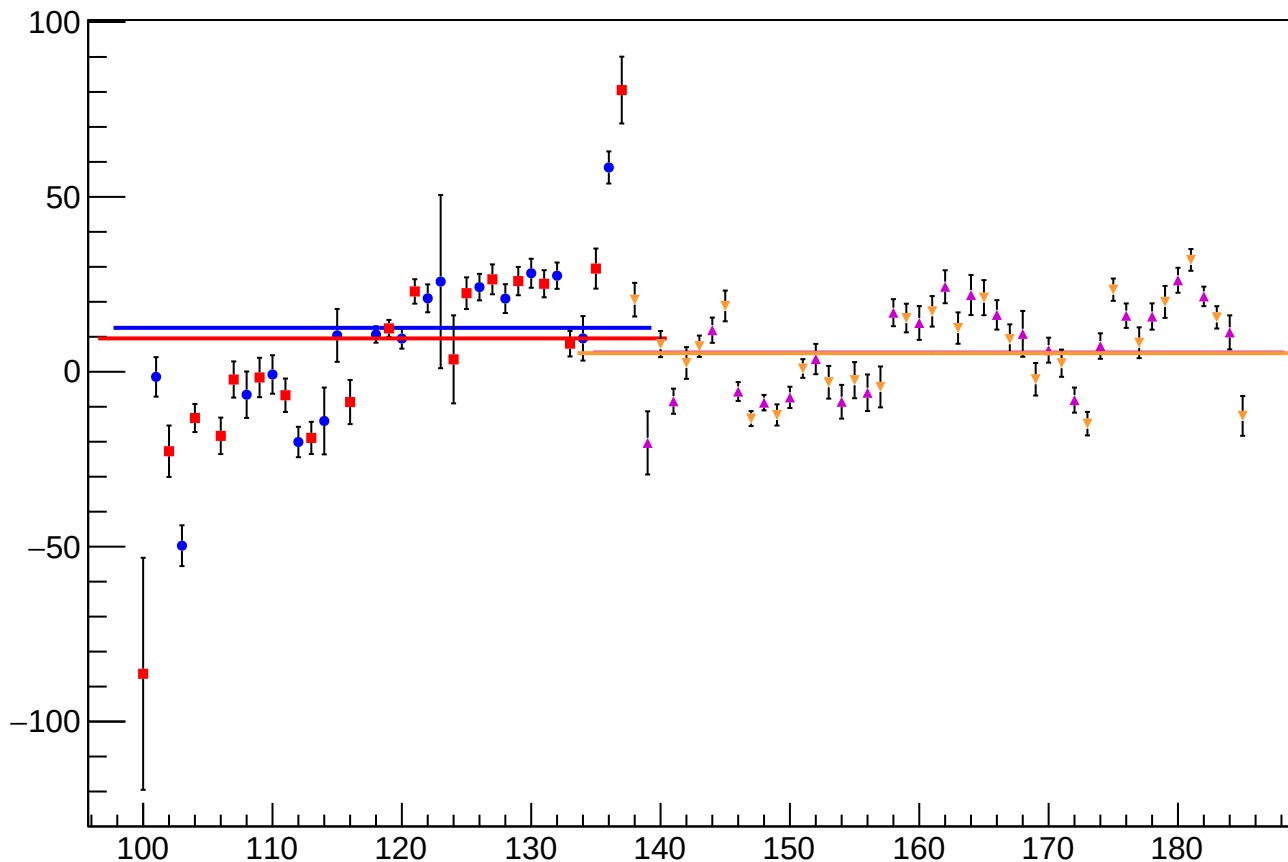
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 184.205+/-0.987 χ^2/NDF :3637.1/22

Out: 173.201+/-0.965 χ^2/NDF :5846.0/24

All: 178.581+/-0.690 χ^2/NDF : 9546.6/47

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: 5.318+/-0.747 χ^2/NDF : 345.5/24

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 5.483+/-0.779 χ^2/NDF : 259.1/22

Left: 5.397+/-0.539 χ^2/NDF : 604.6/47

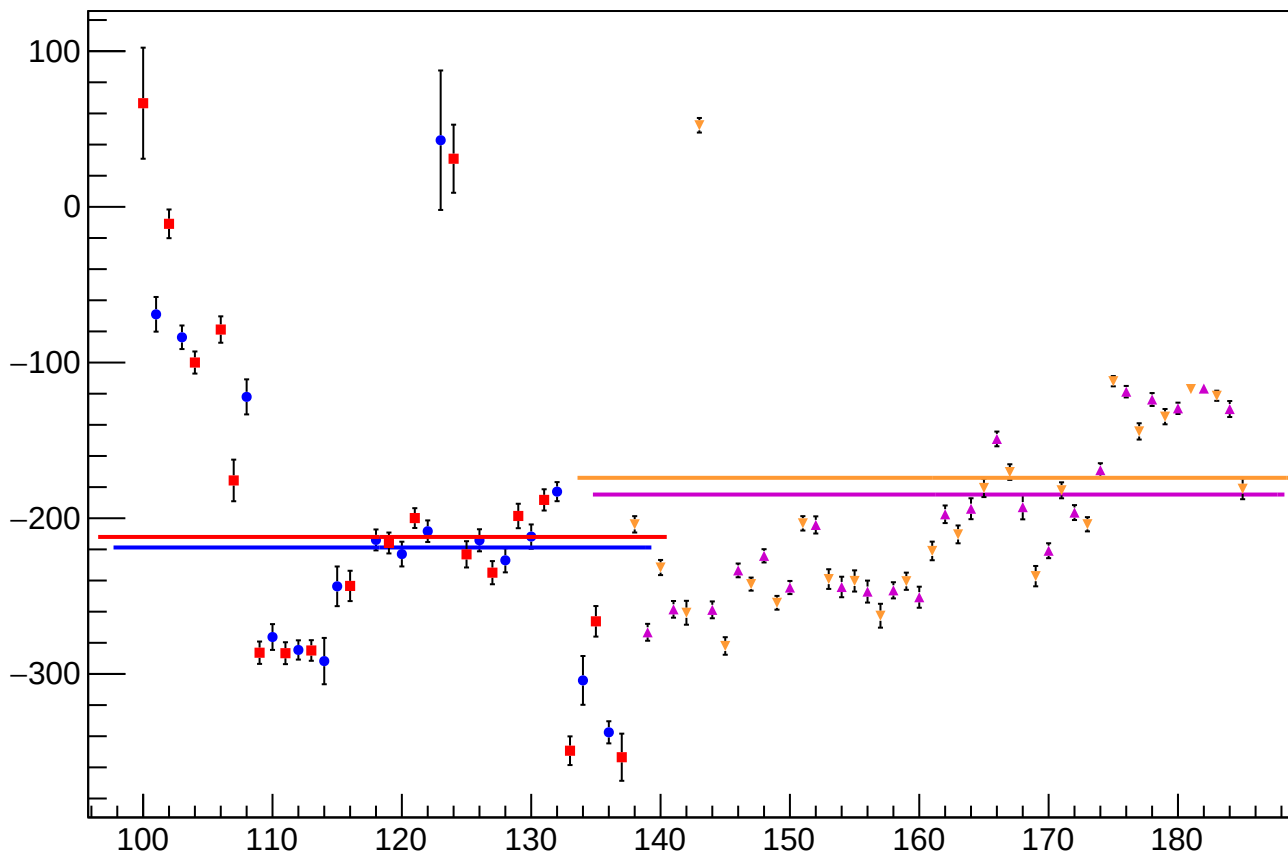
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 7.972+/-0.627 χ^2/NDF : 636.7/39

Out: 6.737+/-0.608 χ^2/NDF : 652.0/43

All: 7.336+/-0.437 χ^2/NDF : 1290.7/83

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -174.029 ± 0.971 $\chi^2/\text{NDF}: 5443.5/24$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -184.774 ± 0.987 $\chi^2/\text{NDF}: 3082.4/22$

Left: -179.312 ± 0.692 $\chi^2/\text{NDF}: 8586.1/47$

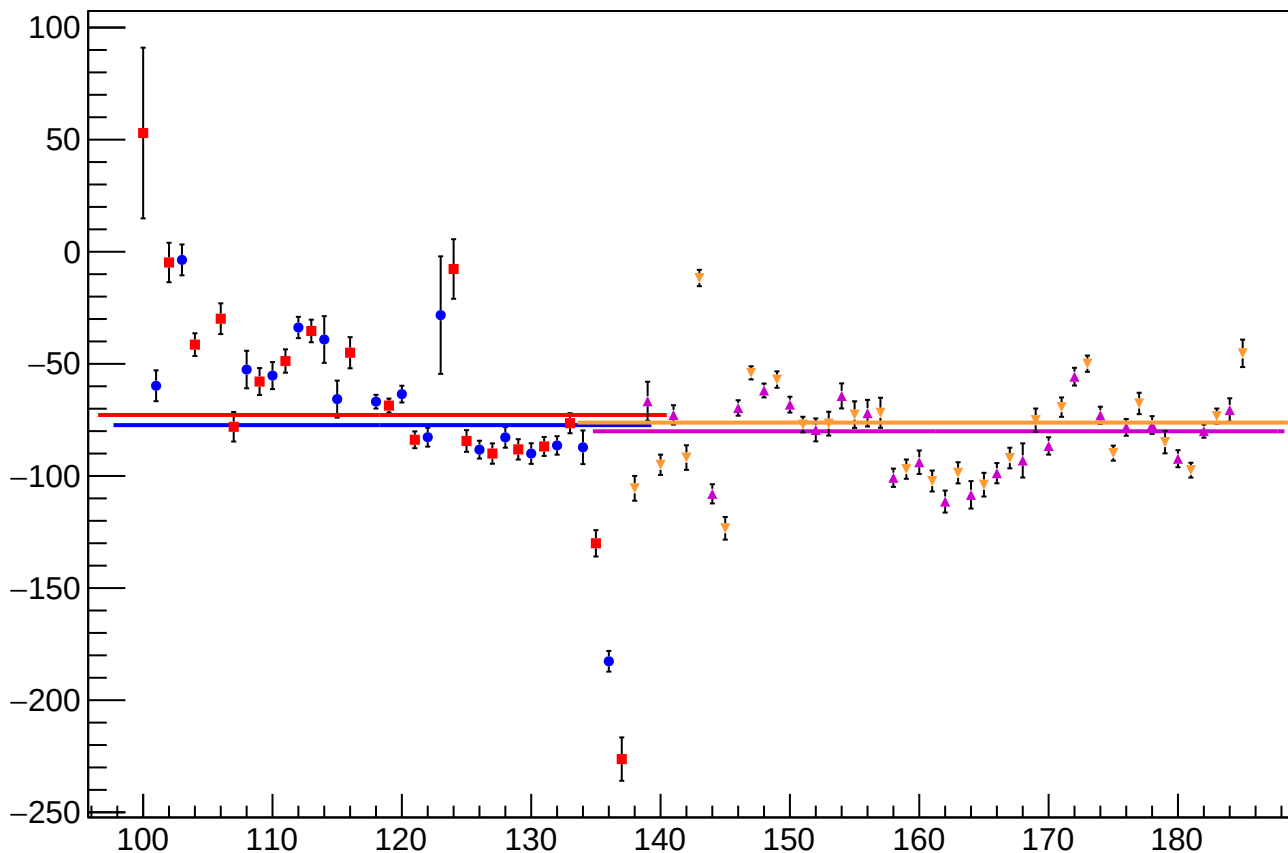
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -191.376 ± 0.886 $\chi^2/\text{NDF}: 4457.3/39$

Out: -181.735 ± 0.866 $\chi^2/\text{NDF}: 7639.8/43$

All: -186.449 ± 0.619 $\chi^2/\text{NDF}: 12157.6/83$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -76.185 ± 0.857 χ^2/NDF : 800.9/24

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.068 ± 0.886 χ^2/NDF : 286.8/22

Left: -78.061 ± 0.616 χ^2/NDF : 1097.7/47

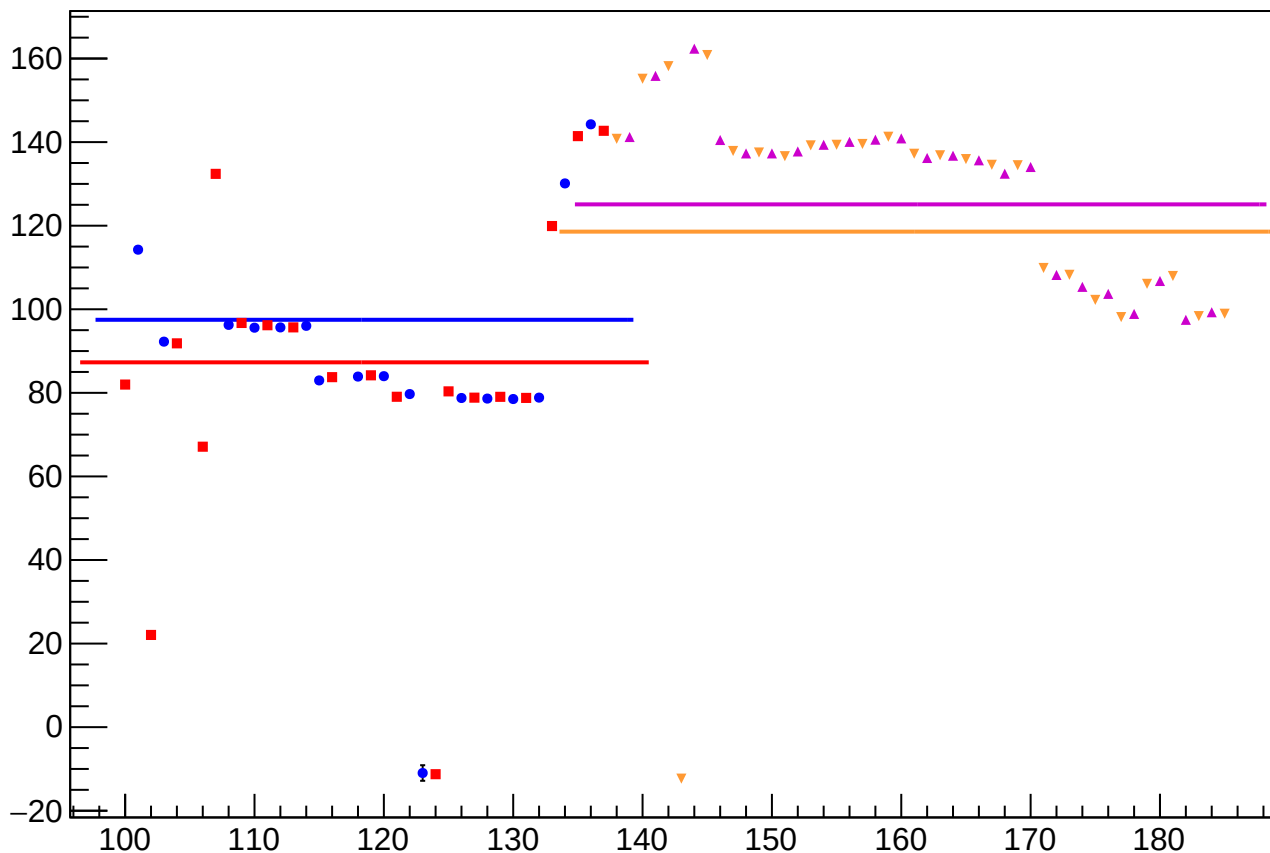
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.120 ± 0.717 χ^2/NDF : 1107.8/39

Out: -75.049 ± 0.699 χ^2/NDF : 1477.9/43

All: -77.031 ± 0.501 χ^2/NDF : 2602.3/83

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: 118.578+/-0.040 χ^2/NDF : 728782.6/24

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 125.101+/-0.041 χ^2/NDF : 222793.3/22

Left: 121.790+/-0.029 χ^2/NDF : 964365.1/47

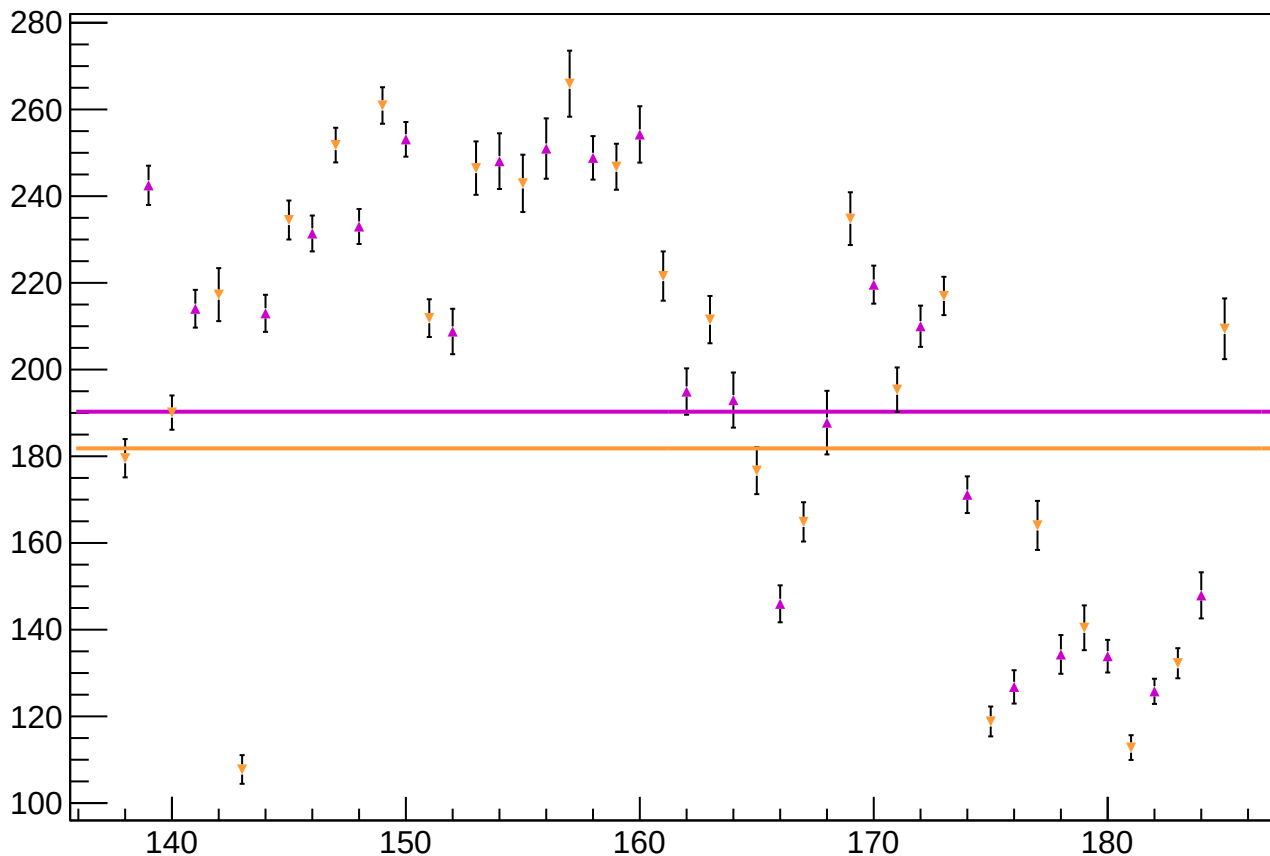
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 118.505+/-0.036 χ^2/NDF : 425051.6/39

Out: 110.432+/-0.035 χ^2/NDF : 1106135.6/43

All: 114.349+/-0.025 χ^2/NDF : 1557278.2/83

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 181.820 $\pm$ 0.913 χ^2/NDF :3304.4/24

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 190.279 $\pm$ 0.949 χ^2/NDF :2452.9/22

Left: 185.887 $\pm$ 0.658 χ^2/NDF : 5798.5/47

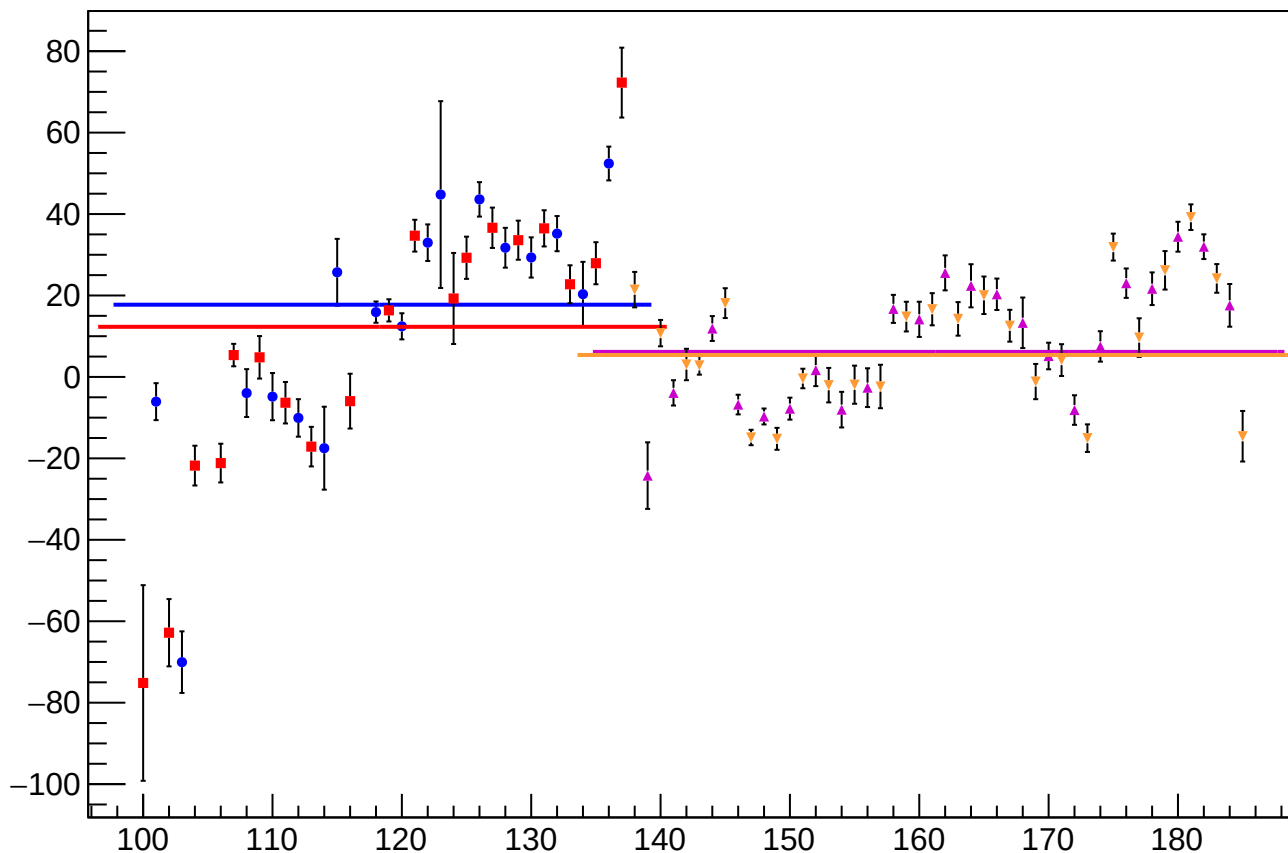
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: 190.279 $\pm$ 0.949 χ^2/NDF :2452.9/22

Out: 181.820 $\pm$ 0.913 χ^2/NDF :3304.4/24

All: 185.887 $\pm$ 0.658 χ^2/NDF : 5798.5/47

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: 5.390 $\pm$ 0.688 χ^2 /NDF:526.3/24

Right Out: 12.306 $\pm$ 1.084 χ^2 /NDF: 442.5/18

Left In: 6.151 $\pm$ 0.730 χ^2 /NDF:410.6/22

Left: 5.748 $\pm$ 0.501 χ^2 /NDF: 937.5/47

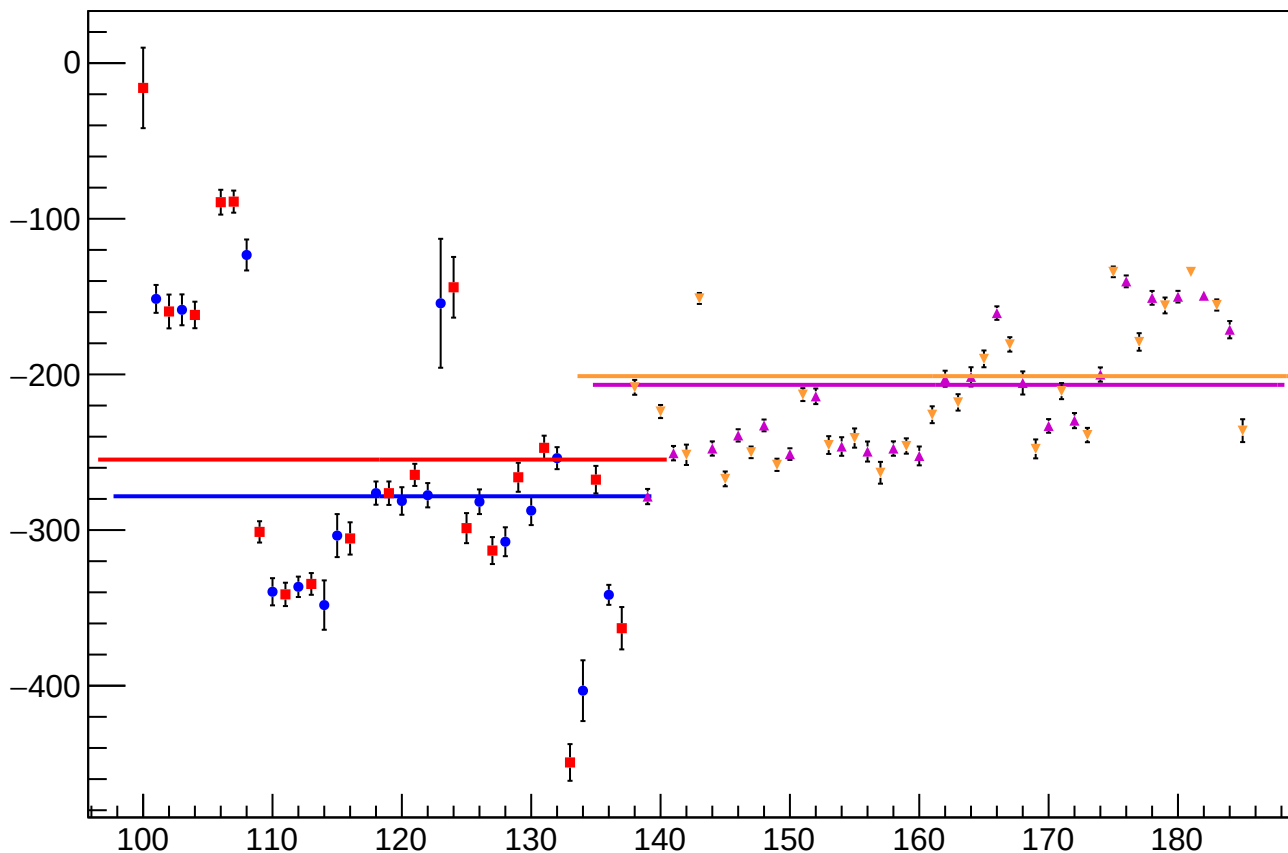
Right: 14.864 $\pm$ 0.788 χ^2 /NDF: 848.3/35

In: 9.484 $\pm$ 0.616 χ^2 /NDF:877.0/39

Out: 7.375 $\pm$ 0.581 χ^2 /NDF:997.8/43

All: 8.367 $\pm$ 0.423 χ^2 /NDF: 1881.0/83

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 χ^2/NDF : 910.0/16

Left Out: -201.111 ± 0.918 χ^2/NDF : 2490.0/24

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -206.700 ± 0.946 χ^2/NDF : 2134.9/22

Left: -203.820 ± 0.659 χ^2/NDF : 4643.0/47

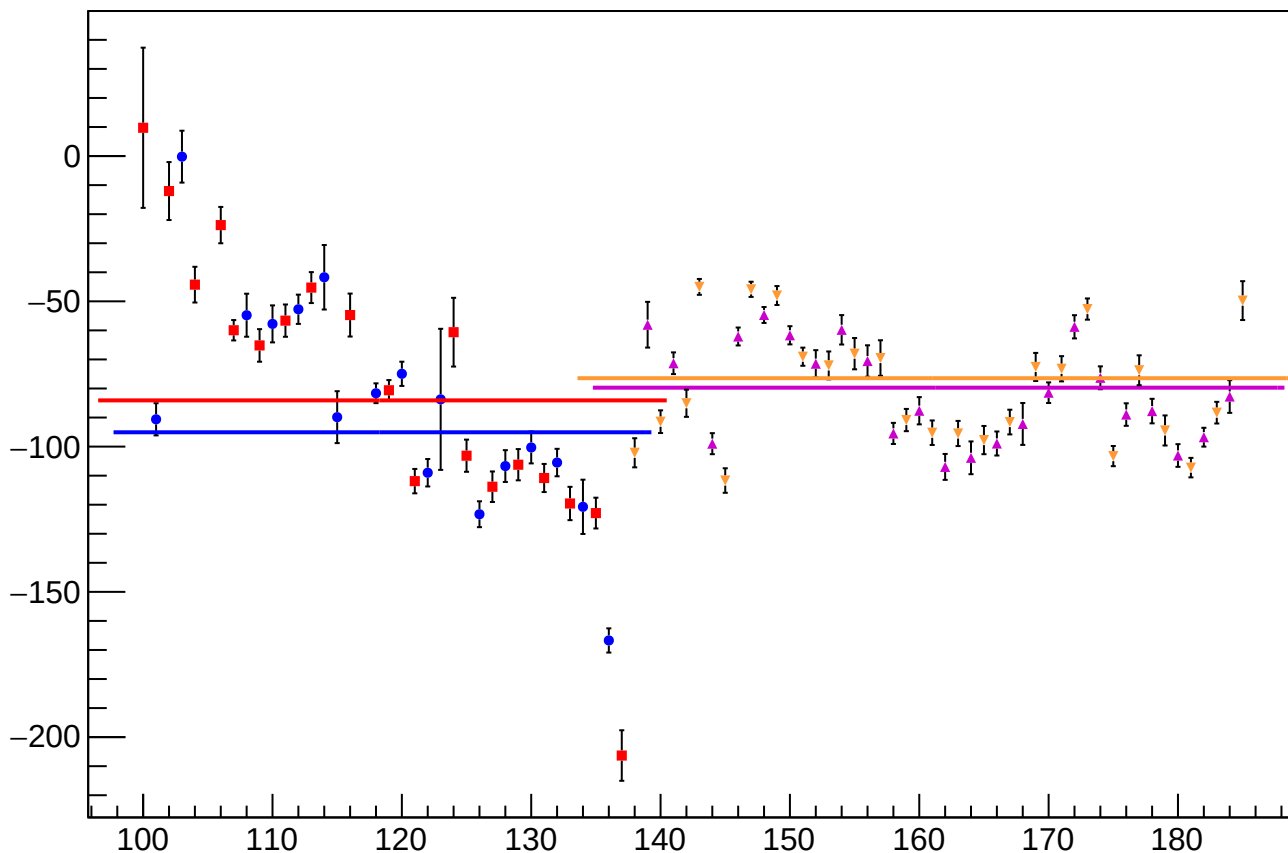
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -218.116 ± 0.867 χ^2/NDF : 3958.0/39

Out: -210.289 ± 0.835 χ^2/NDF : 5112.4/43

All: -214.055 ± 0.602 χ^2/NDF : 9112.6/83

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.458 ± 0.796 χ^2/NDF : 781.0/24

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -79.719 ± 0.837 χ^2/NDF : 415.2/22

Left: -78.006 ± 0.577 χ^2/NDF : 1204.2/47

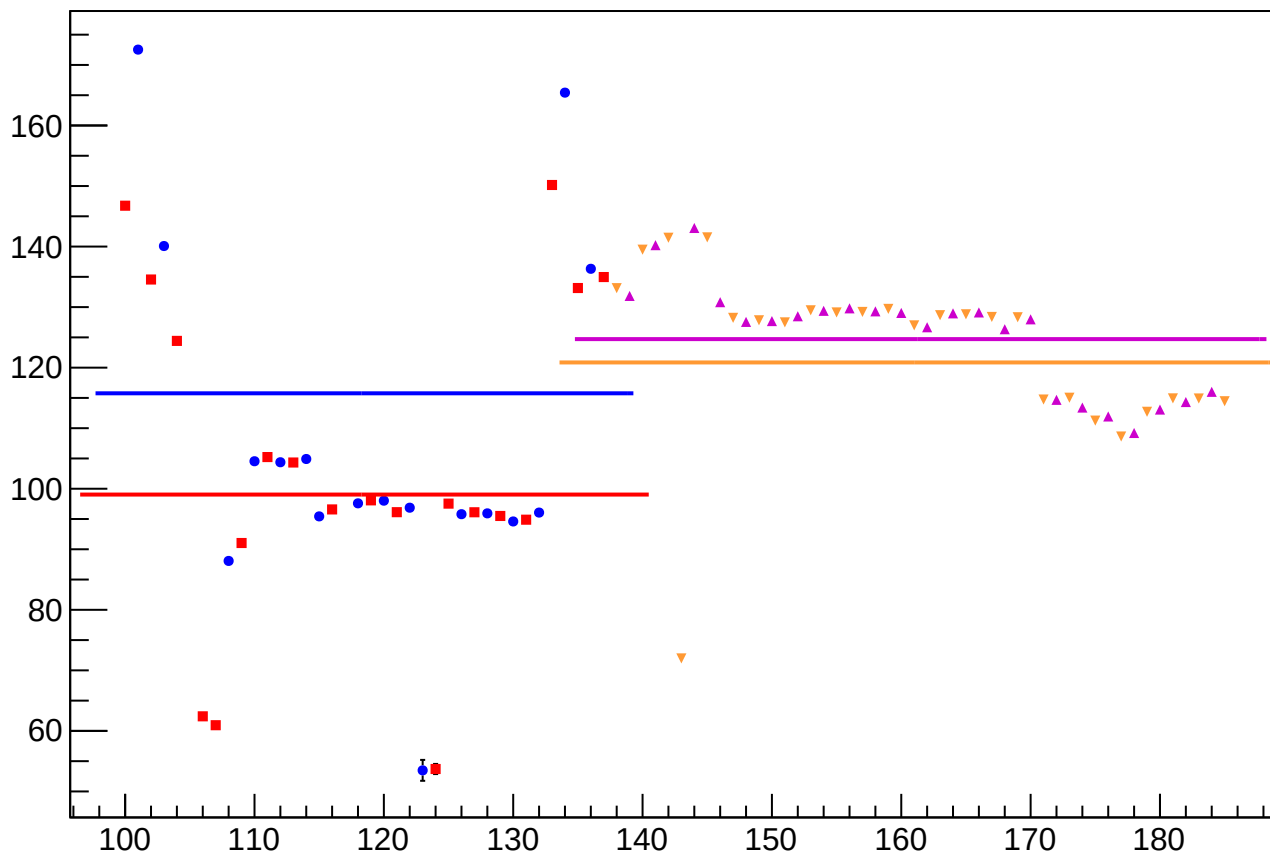
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -84.100 ± 0.708 χ^2/NDF : 1184.3/39

Out: -78.645 ± 0.673 χ^2/NDF : 1587.8/43

All: -81.234 ± 0.488 χ^2/NDF : 2803.3/83

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 120.860 $\pm$ 0.038 χ^2 /NDF:182786.8/24

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 124.714 $\pm$ 0.039 χ^2 /NDF:51750.7/22

Left: 122.735 $\pm$ 0.027 χ^2 /NDF: 239531.1/47

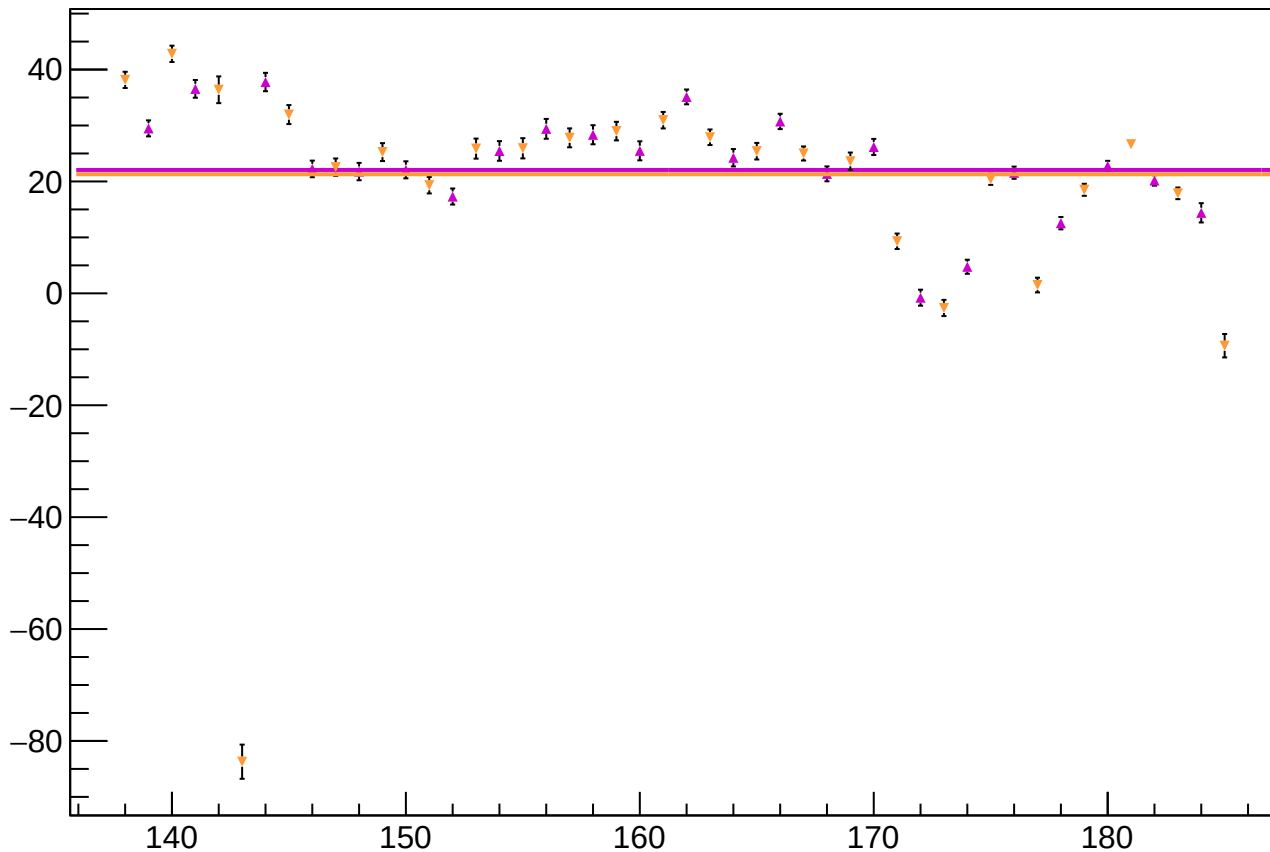
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 122.921 $\pm$ 0.035 χ^2 /NDF:168557.2/39

Out: 115.712 $\pm$ 0.033 χ^2 /NDF:433870.4/43

All: 119.138 $\pm$ 0.024 χ^2 /NDF: 624755.9/83

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 21.286+/-0.282 χ^2/NDF :2600.8/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.055+/-0.284 χ^2/NDF :941.3/22

Left: 21.668+/-0.200 χ^2/NDF : 3545.8/47

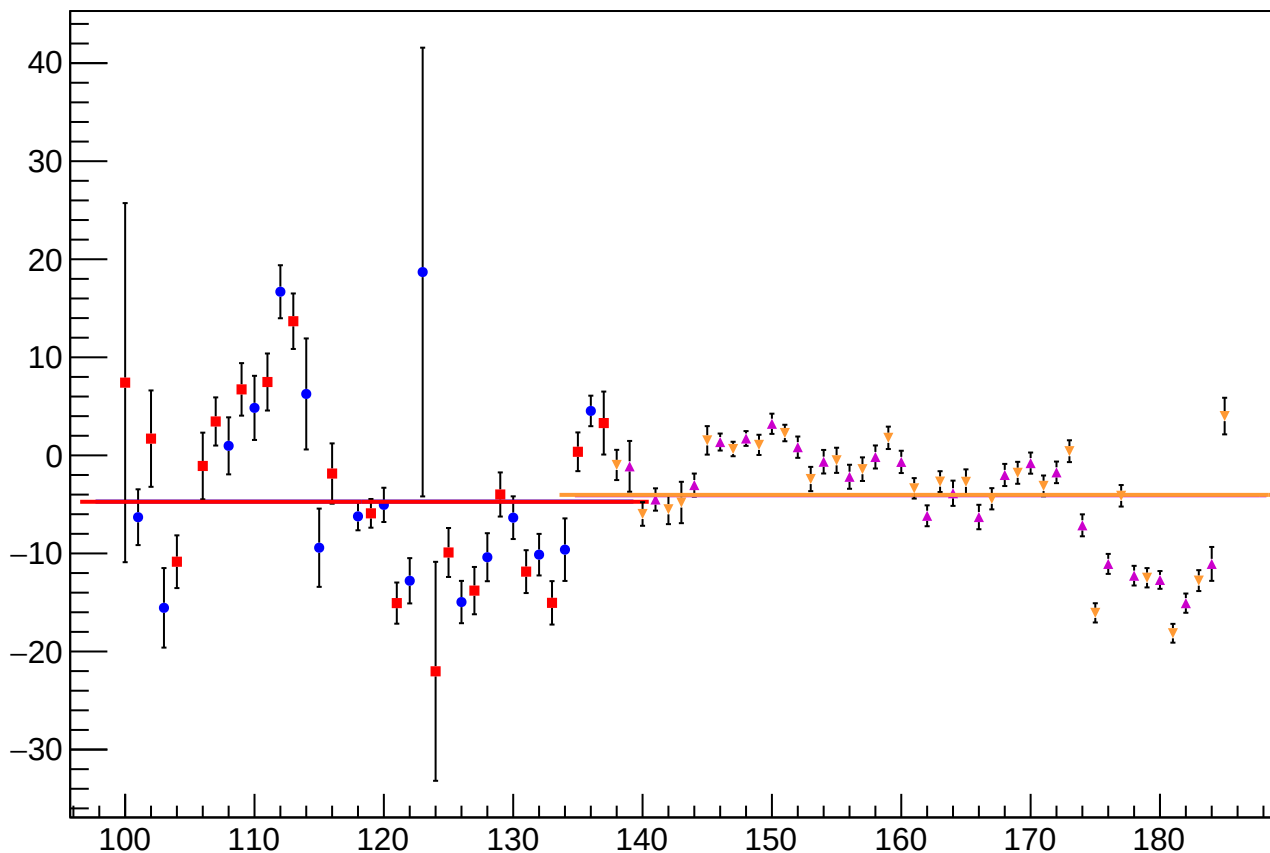
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 22.055+/-0.284 χ^2/NDF :941.3/22

Out: 21.286+/-0.282 χ^2/NDF :2600.8/24

All: 21.668+/-0.200 χ^2/NDF : 3545.8/47

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 $\chi^2/\text{NDF}: 174.7/16$

Left Out: -4.028 ± 0.223 $\chi^2/\text{NDF}: 734.2/24$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -4.069 ± 0.227 $\chi^2/\text{NDF}: 580.1/22$

Left: -4.048 ± 0.159 $\chi^2/\text{NDF}: 1314.3/47$

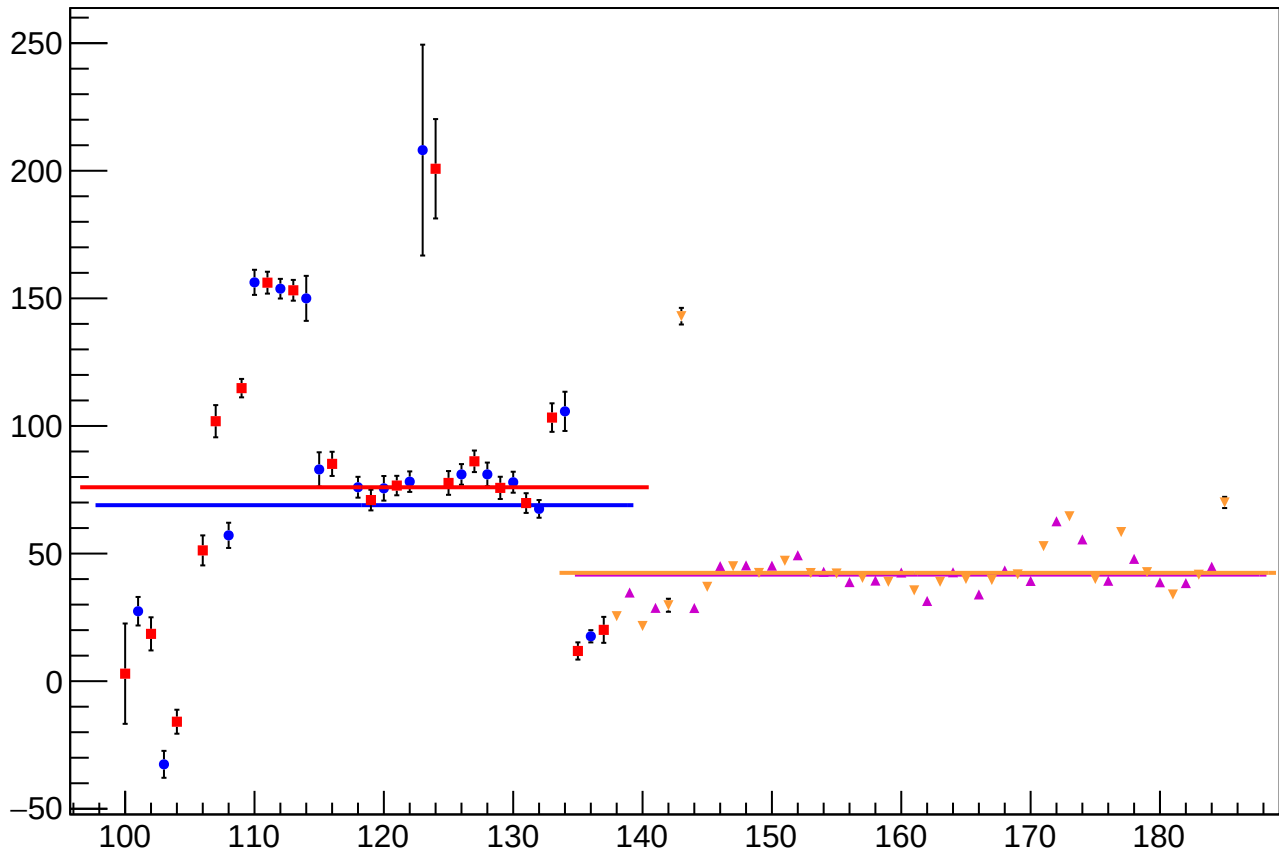
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -4.155 ± 0.212 $\chi^2/\text{NDF}: 755.8/39$

Out: -4.117 ± 0.208 $\chi^2/\text{NDF}: 925.2/43$

All: -4.136 ± 0.149 $\chi^2/\text{NDF}: 1681.1/83$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.449 ± 0.282 $\chi^2/\text{NDF}: 2016.2/24$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.755 ± 0.283 $\chi^2/\text{NDF}: 659.6/22$

Left: 42.103 ± 0.200 $\chi^2/\text{NDF}: 2678.8/47$

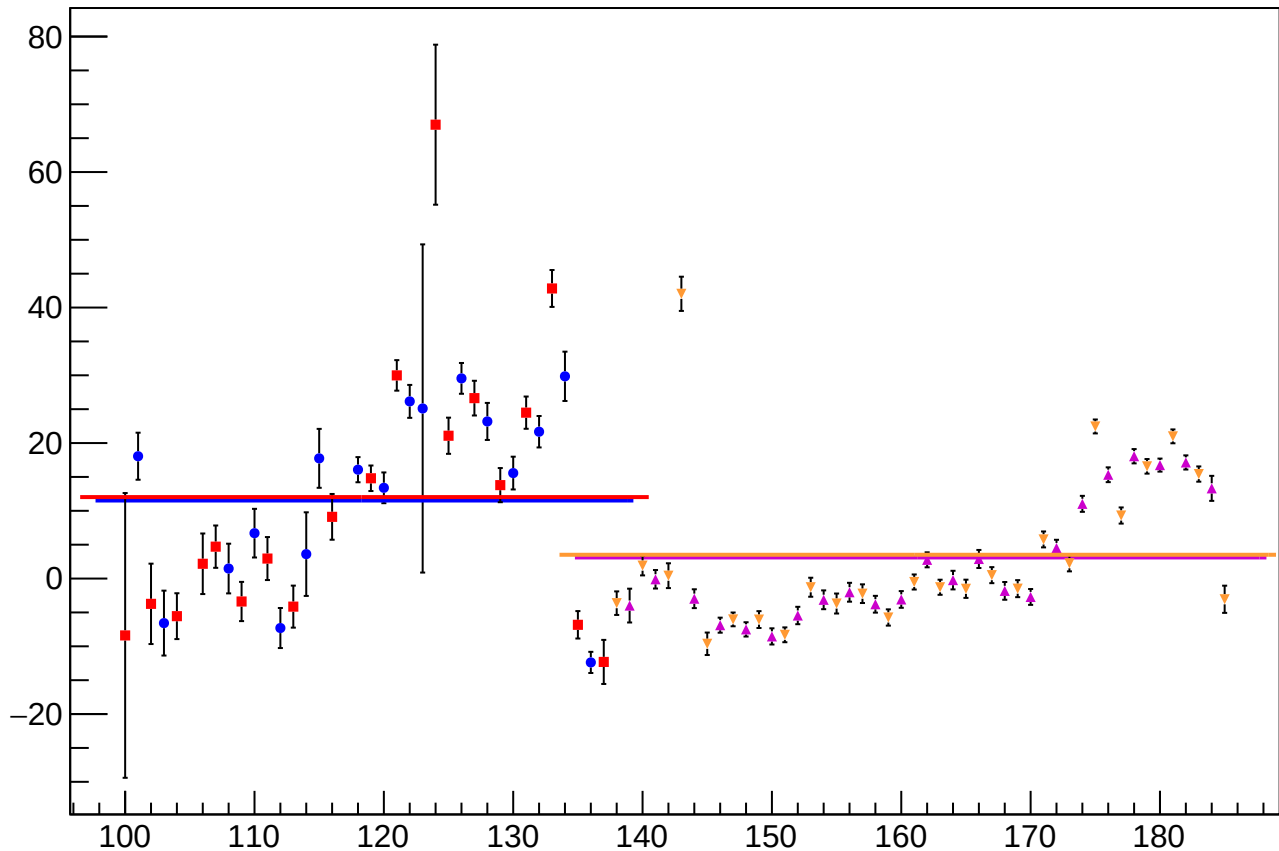
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.506 ± 0.274 $\chi^2/\text{NDF}: 3098.5/39$

Out: 44.626 ± 0.273 $\chi^2/\text{NDF}: 4830.4/43$

All: 44.069 ± 0.193 $\chi^2/\text{NDF}: 7937.3/83$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 $\pm$ 0.660 χ^2 /NDF: 477.2/16

Left Out: 3.512 $\pm$ 0.252 χ^2 /NDF:1690.5/24

Right Out: 12.026 $\pm$ 0.664 χ^2 /NDF: 539.7/18

Left In: 3.114 $\pm$ 0.256 χ^2 /NDF:1273.1/22

Left: 3.316 $\pm$ 0.180 χ^2 /NDF: 2964.8/47

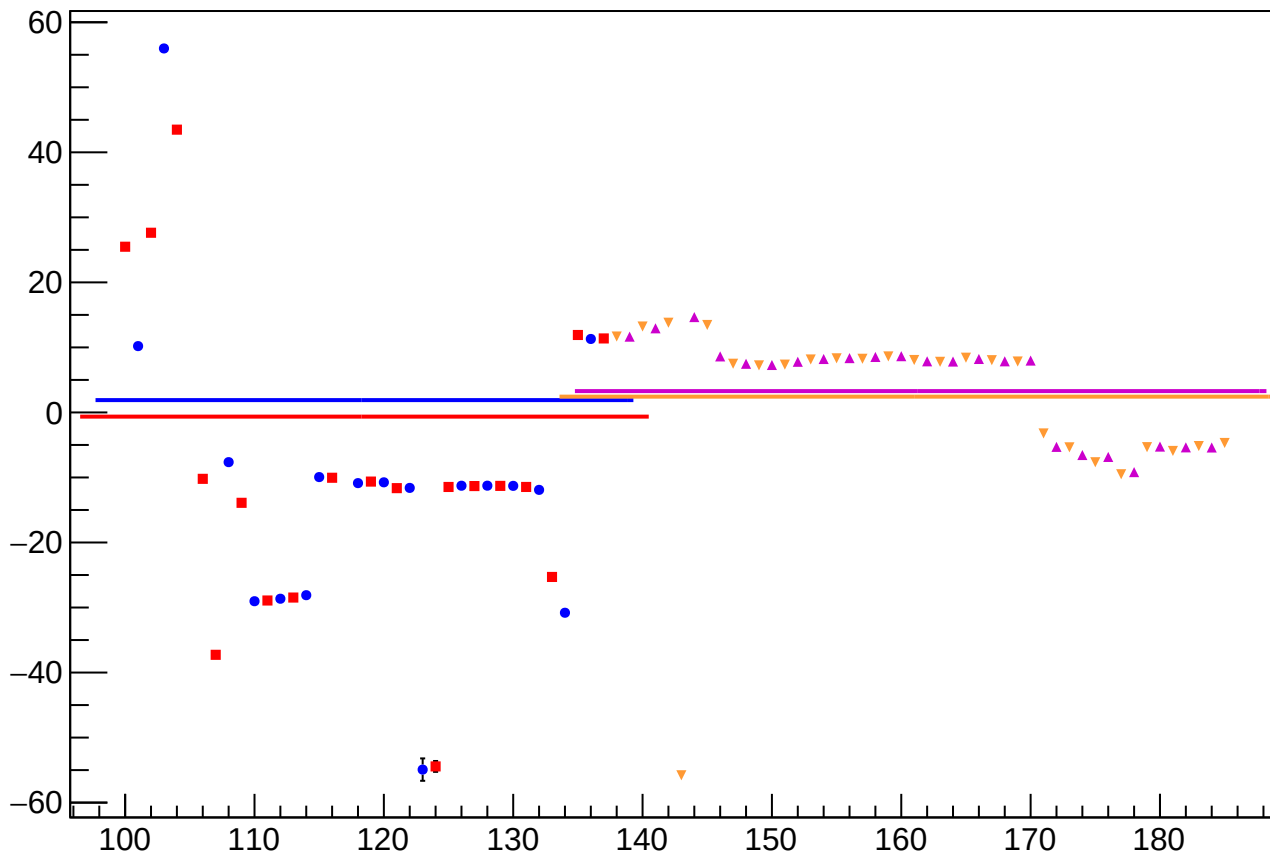
Right: 11.772 $\pm$ 0.468 χ^2 /NDF: 1017.2/35

In: 4.216 $\pm$ 0.239 χ^2 /NDF:1891.3/39

Out: 4.585 $\pm$ 0.236 χ^2 /NDF:2373.8/43

All: 4.403 $\pm$ 0.168 χ^2 /NDF: 4266.3/83

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2 /NDF: 358855.7/16

Left Out: 2.428 $\pm$ 0.012 χ^2 /NDF:616518.3/24

Right Out: -0.644 $\pm$ 0.037 χ^2 /NDF: 361626.2/18

Left In: 3.281 $\pm$ 0.012 χ^2 /NDF:409605.3/22

Left: 2.853 $\pm$ 0.008 χ^2 /NDF: 1028834.7/47

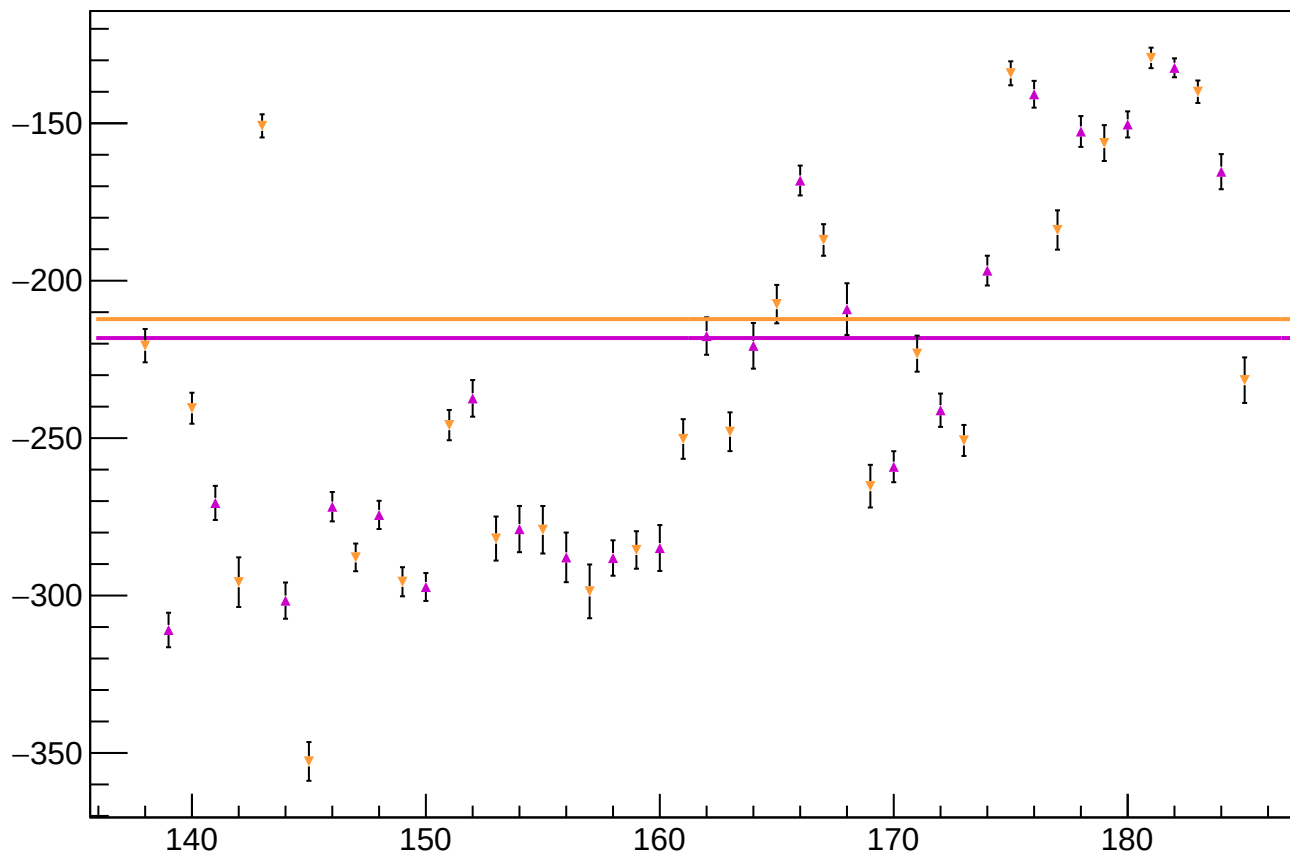
Right: 0.626 $\pm$ 0.026 χ^2 /NDF: 722831.9/35

In: 3.157 $\pm$ 0.011 χ^2 /NDF:769734.2/39

Out: 2.156 $\pm$ 0.011 χ^2 /NDF:984409.9/43

All: 2.655 $\pm$ 0.008 χ^2 /NDF: 1758248.7/83

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -212.201 ± 1.029 $\chi^2/\text{NDF}: 3876.4/24$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Left: -215.112 ± 0.739 $\chi^2/\text{NDF}: 7391.9/47$

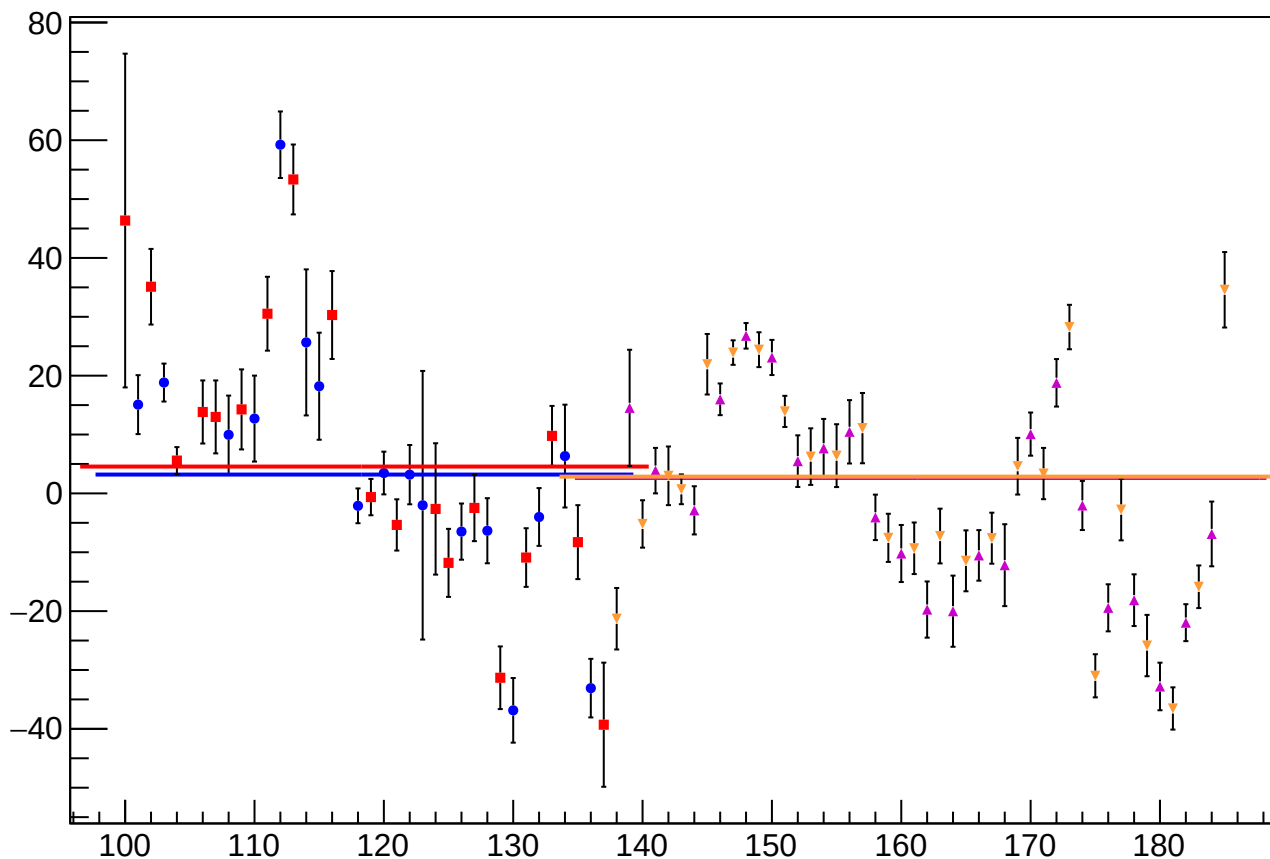
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -218.216 ± 1.063 $\chi^2/\text{NDF}: 3499.0/22$

Out: -212.201 ± 1.029 $\chi^2/\text{NDF}: 3876.4/24$

All: -215.112 ± 0.739 $\chi^2/\text{NDF}: 7391.9/47$

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200+/-1.227 χ^2/NDF : 255.2/16

Left Out: 2.848+/-0.774 χ^2/NDF : 582.0/24

Right Out: 4.558+/-1.158 χ^2/NDF : 223.9/18

Left In: 2.619+/-0.821 χ^2/NDF : 477.6/22

Left: 2.740+/-0.563 χ^2/NDF : 1059.6/47

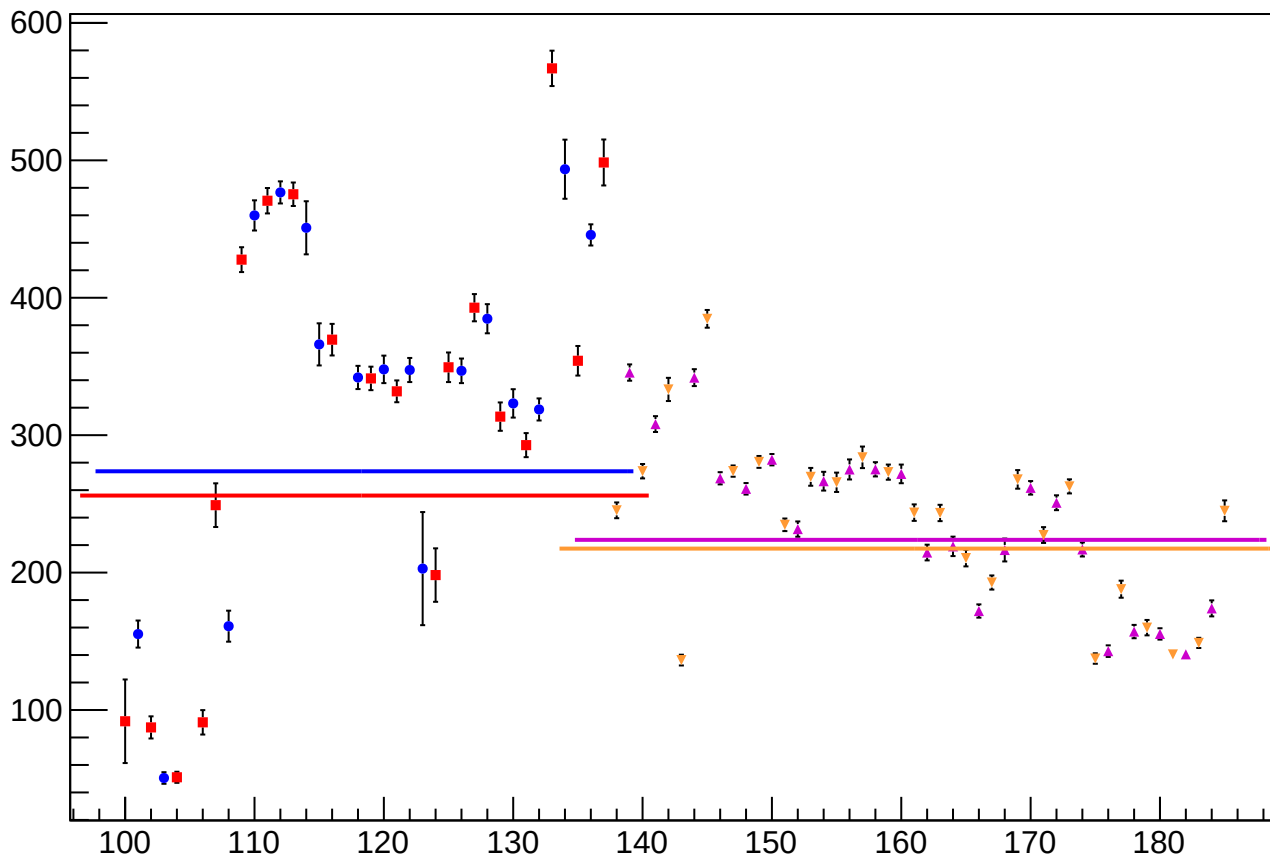
Right: 3.919+/-0.842 χ^2/NDF : 479.7/35

In: 2.798+/-0.682 χ^2/NDF : 732.9/39

Out: 3.377+/-0.644 χ^2/NDF : 807.4/43

All: 3.104+/-0.468 χ^2/NDF : 1540.7/83

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 217.456+/-1.032 χ^2/NDF : 3770.4/24

Right Out: 256.055+/-2.079 χ^2/NDF : 6441.1/18

Left In: 223.827+/-1.058 χ^2/NDF : 3444.7/22

Left: 220.561+/-0.739 χ^2/NDF : 7233.7/47

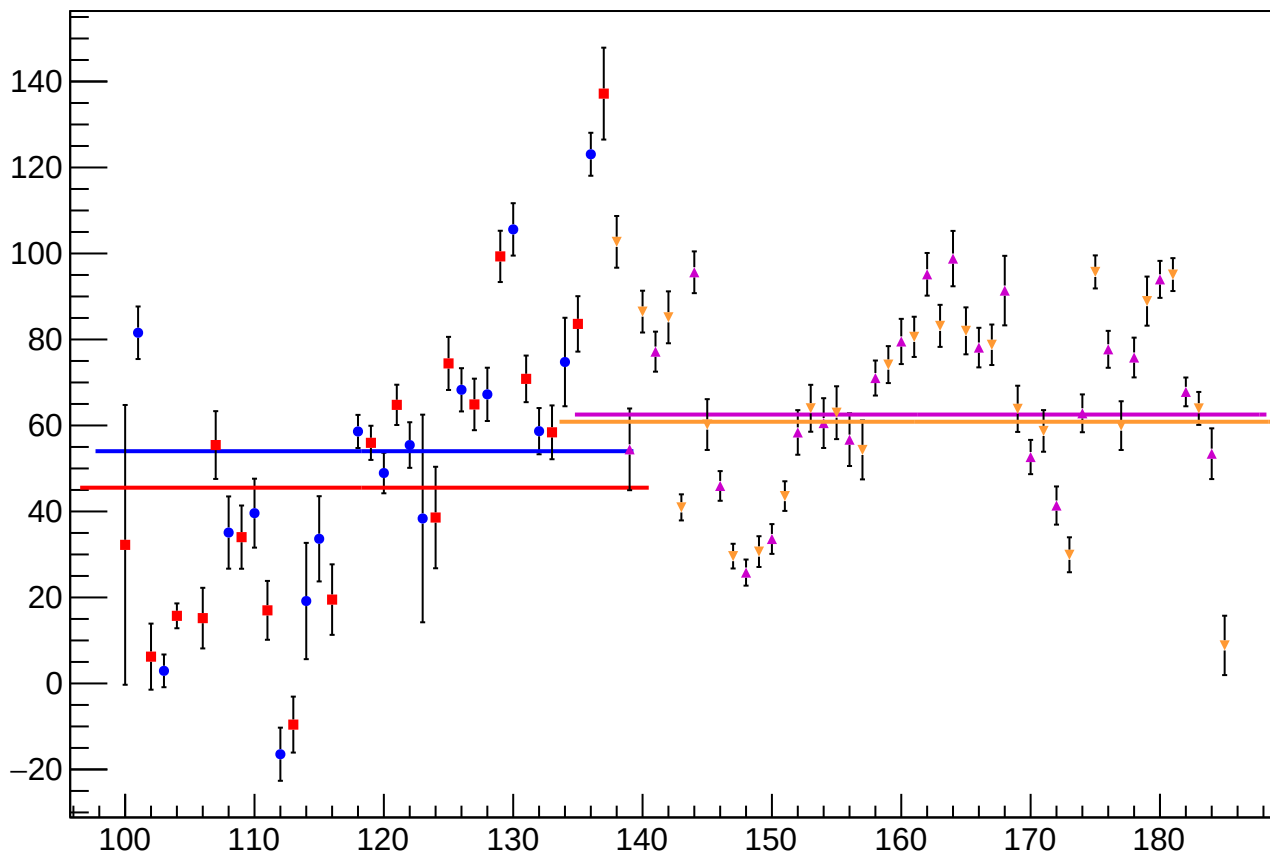
Right: 264.408+/-1.509 χ^2/NDF : 11578.5/35

In: 233.242+/-0.953 χ^2/NDF : 8967.3/39

Out: 225.089+/-0.924 χ^2/NDF : 10488.1/43

All: 229.040+/-0.664 χ^2/NDF : 19493.1/83

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: 60.865 $\pm$ 0.896 χ^2 /NDF:731.5/24

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.538 $\pm$ 0.940 χ^2 /NDF:520.0/22

Left: 61.662 $\pm$ 0.649 χ^2 /NDF: 1253.1/47

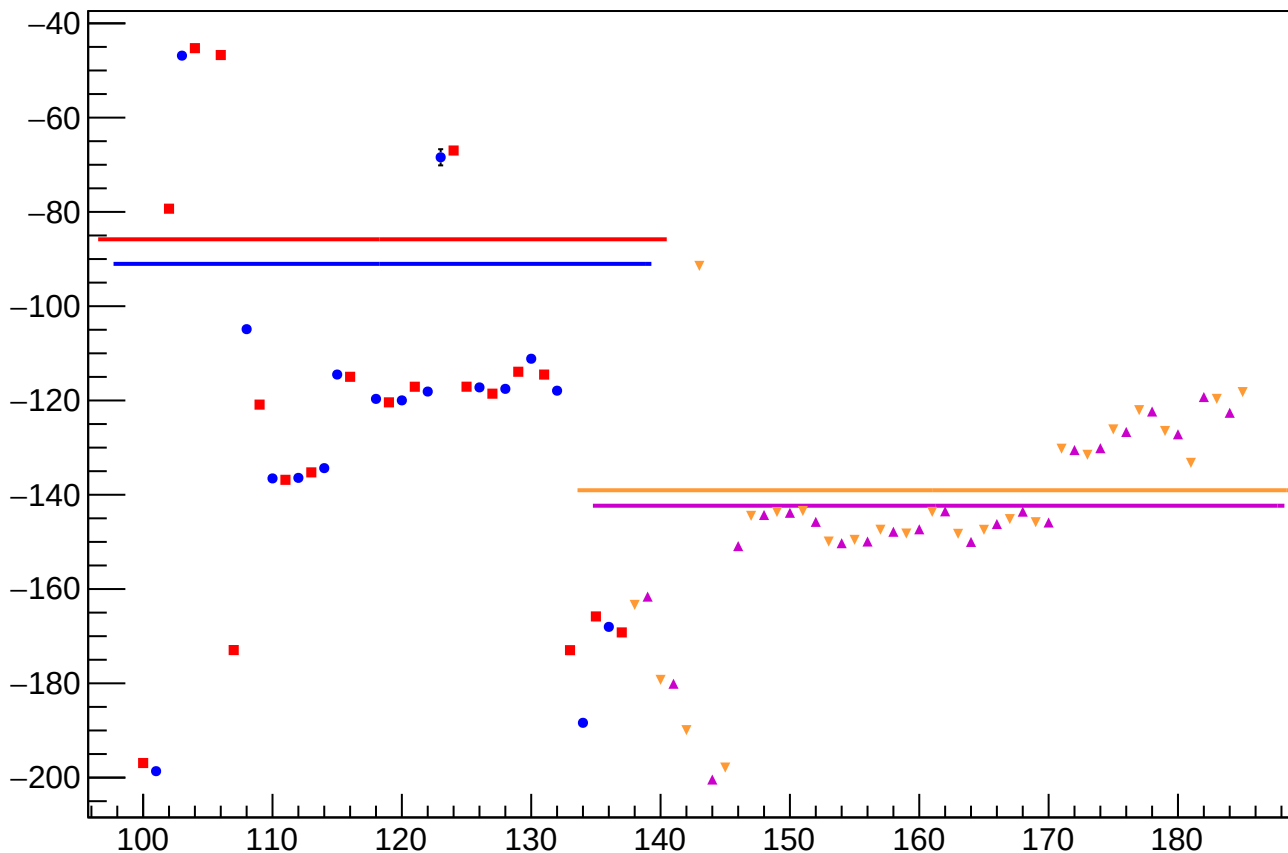
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 59.949 $\pm$ 0.784 χ^2 /NDF:1177.8/39

Out: 56.207 $\pm$ 0.748 χ^2 /NDF:1347.2/43

All: 57.989 $\pm$ 0.541 χ^2 /NDF: 2536.9/83

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -139.044 ± 0.043 $\chi^2/\text{NDF}: 258127.6/24$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -142.326 ± 0.044 $\chi^2/\text{NDF}: 144642.3/22$

Left: -140.645 ± 0.031 $\chi^2/\text{NDF}: 405631.1/47$

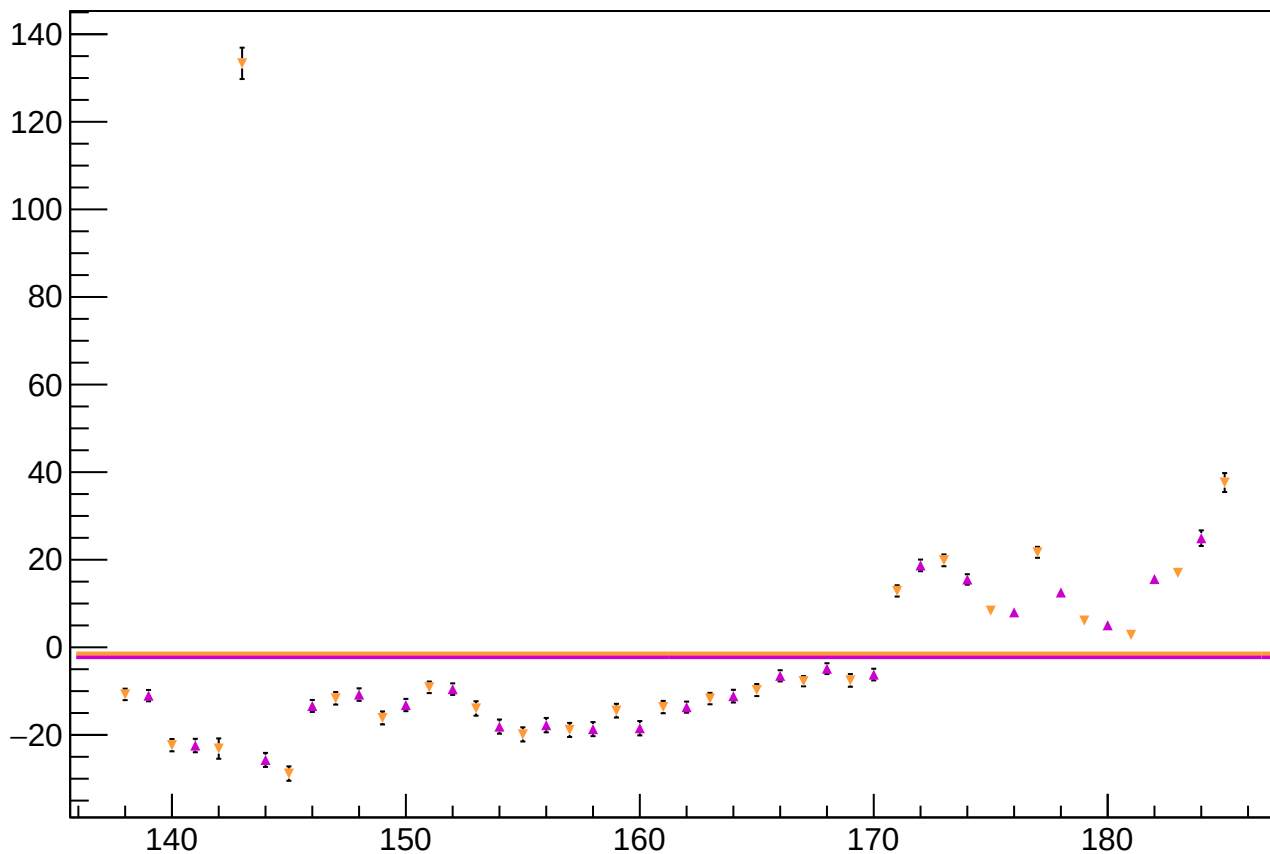
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.098 ± 0.037 $\chi^2/\text{NDF}: 1084155.6/39$

Out: -122.921 ± 0.036 $\chi^2/\text{NDF}: 1221276.7/43$

All: -124.950 ± 0.026 $\chi^2/\text{NDF}: 2312052.7/83$

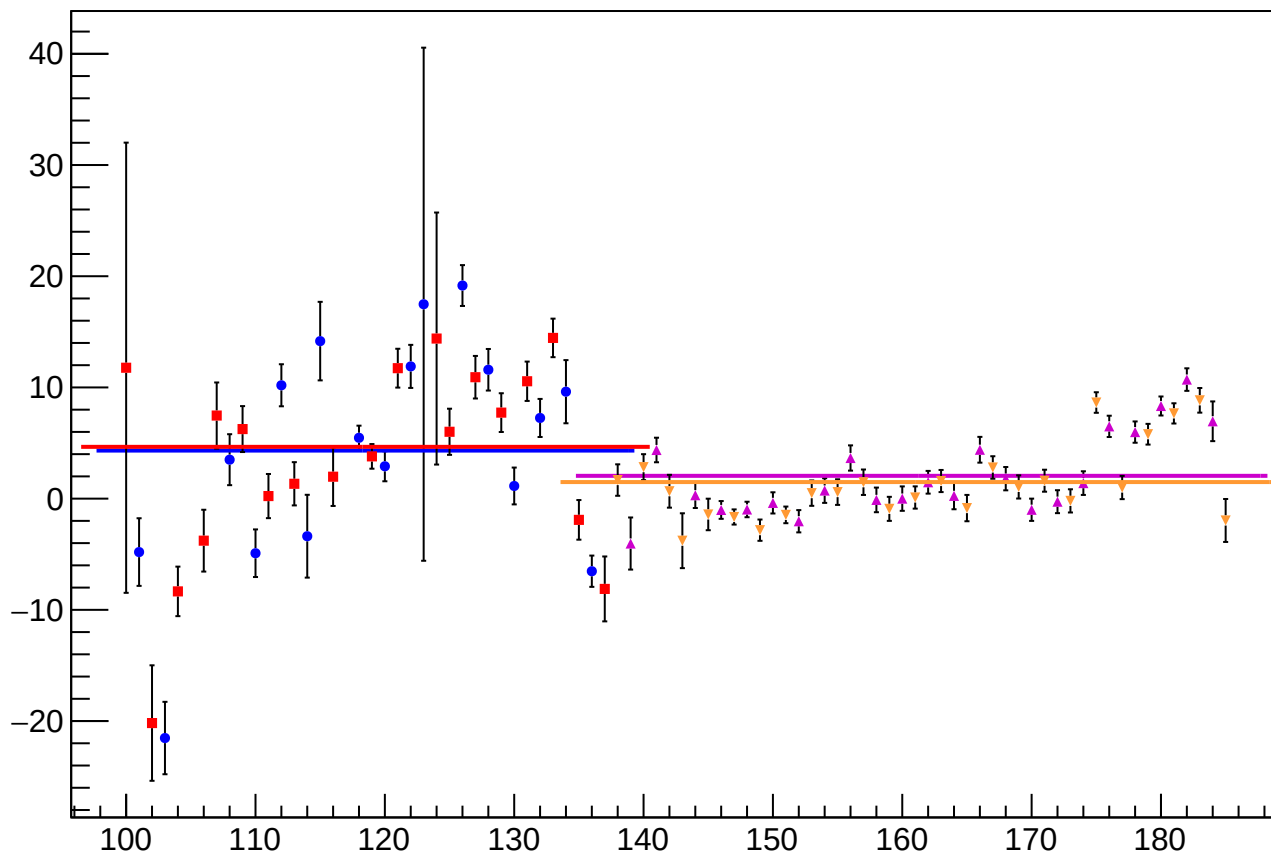
reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.421+/-0.268 χ^2/NDF :4337.5/24
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.244+/-0.270 χ^2/NDF :2561.6/22

Left: -1.829+/-0.190 χ^2/NDF : 6903.8/47
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.244+/-0.270 χ^2/NDF :2561.6/22
 Out: -1.421+/-0.268 χ^2/NDF :4337.5/24
 All: -1.829+/-0.190 χ^2/NDF : 6903.8/47

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 $\pm$ 0.465 χ^2 /NDF: 280.3/16

Left Out: 1.490 $\pm$ 0.210 χ^2 /NDF:259.0/24

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 2.051 $\pm$ 0.215 χ^2 /NDF:275.4/22

Left: 1.765 $\pm$ 0.150 χ^2 /NDF: 537.9/47

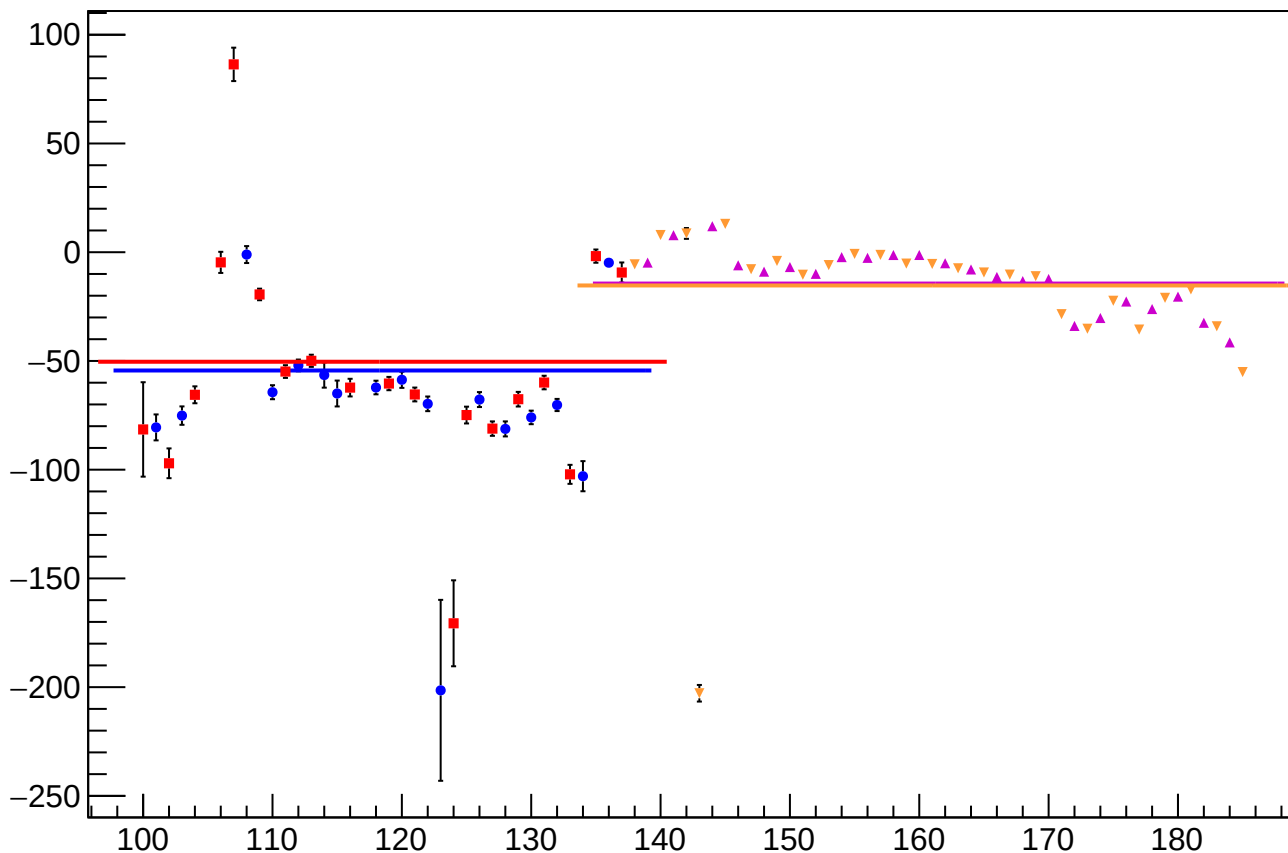
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 2.450 $\pm$ 0.195 χ^2 /NDF:575.3/39

Out: 2.011 $\pm$ 0.192 χ^2 /NDF:480.9/43

All: 2.227 $\pm$ 0.137 χ^2 /NDF: 1058.8/83

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -15.287 ± 0.267 $\chi^2/\text{NDF}: 4818.7/24$

Right Out: -50.364 ± 0.858 $\chi^2/\text{NDF}: 1321.3/18$

Left In: -14.415 ± 0.268 $\chi^2/\text{NDF}: 2065.7/22$

Left: -14.853 ± 0.189 $\chi^2/\text{NDF}: 6889.7/47$

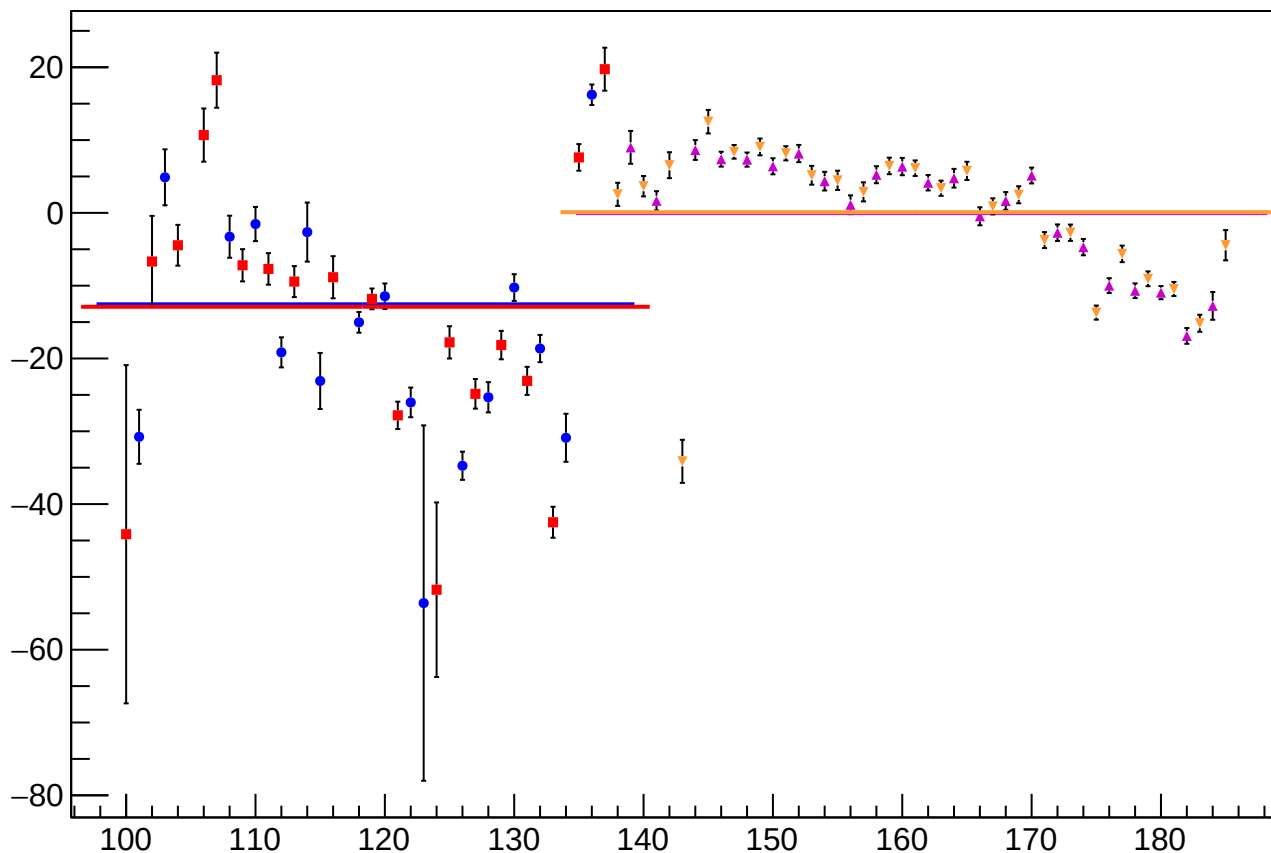
Right: -52.360 ± 0.609 $\chi^2/\text{NDF}: 2346.2/35$

In: -17.921 ± 0.256 $\chi^2/\text{NDF}: 5030.1/39$

Out: -18.381 ± 0.255 $\chi^2/\text{NDF}: 7665.4/43$

All: -18.152 ± 0.181 $\chi^2/\text{NDF}: 12697.1/83$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.092 ± 0.238 χ^2/NDF : 1172.4/24

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: -0.036 ± 0.242 χ^2/NDF : 1027.6/22

Left: 0.029 ± 0.170 χ^2/NDF : 2200.2/47

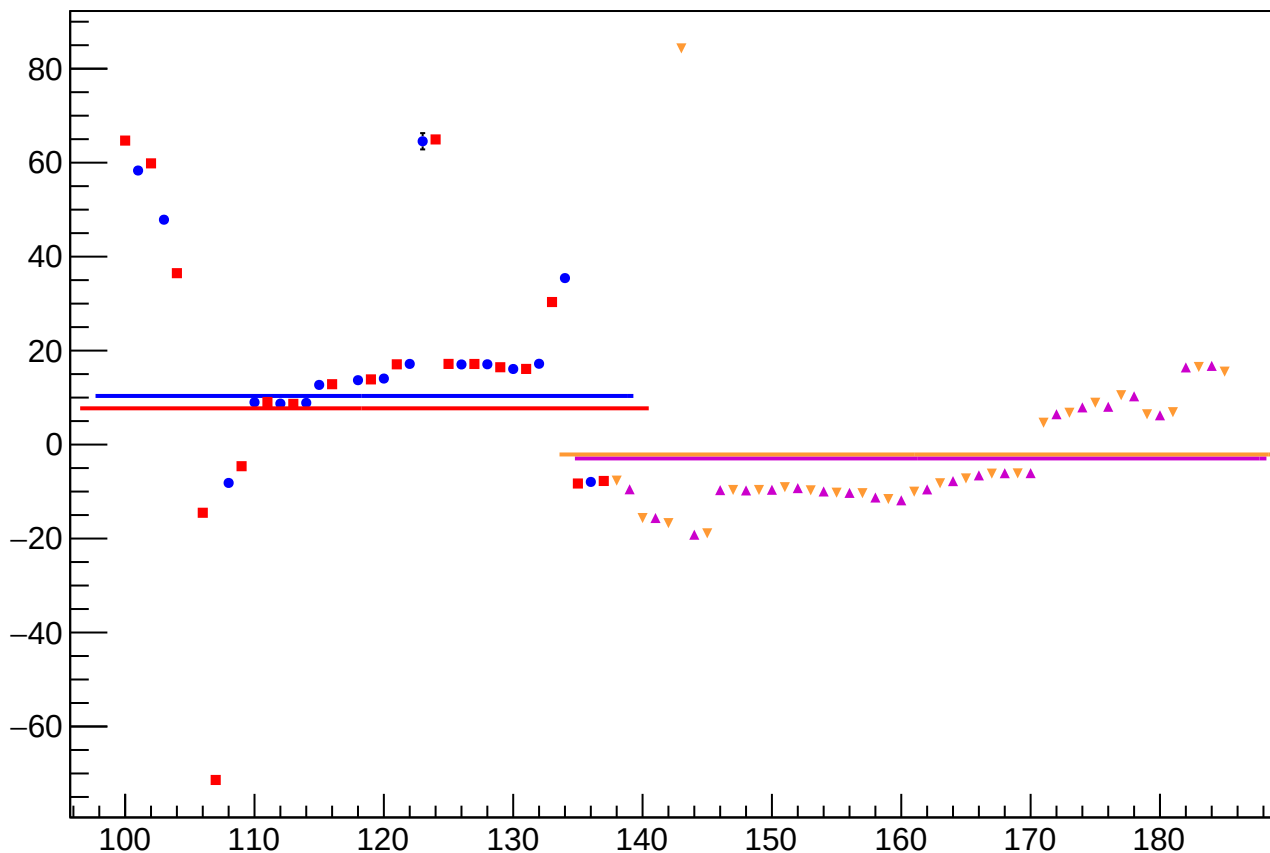
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.192 ± 0.221 χ^2/NDF : 2266.9/39

Out: -2.036 ± 0.218 χ^2/NDF : 2388.1/43

All: -2.113 ± 0.155 χ^2/NDF : 4655.2/83

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -2.107+/-0.011 χ^2/NDF :1093193.3/24

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -2.949+/-0.011 χ^2/NDF :770702.4/22

Left: -2.527+/-0.008 χ^2/NDF : 1866860.9/47

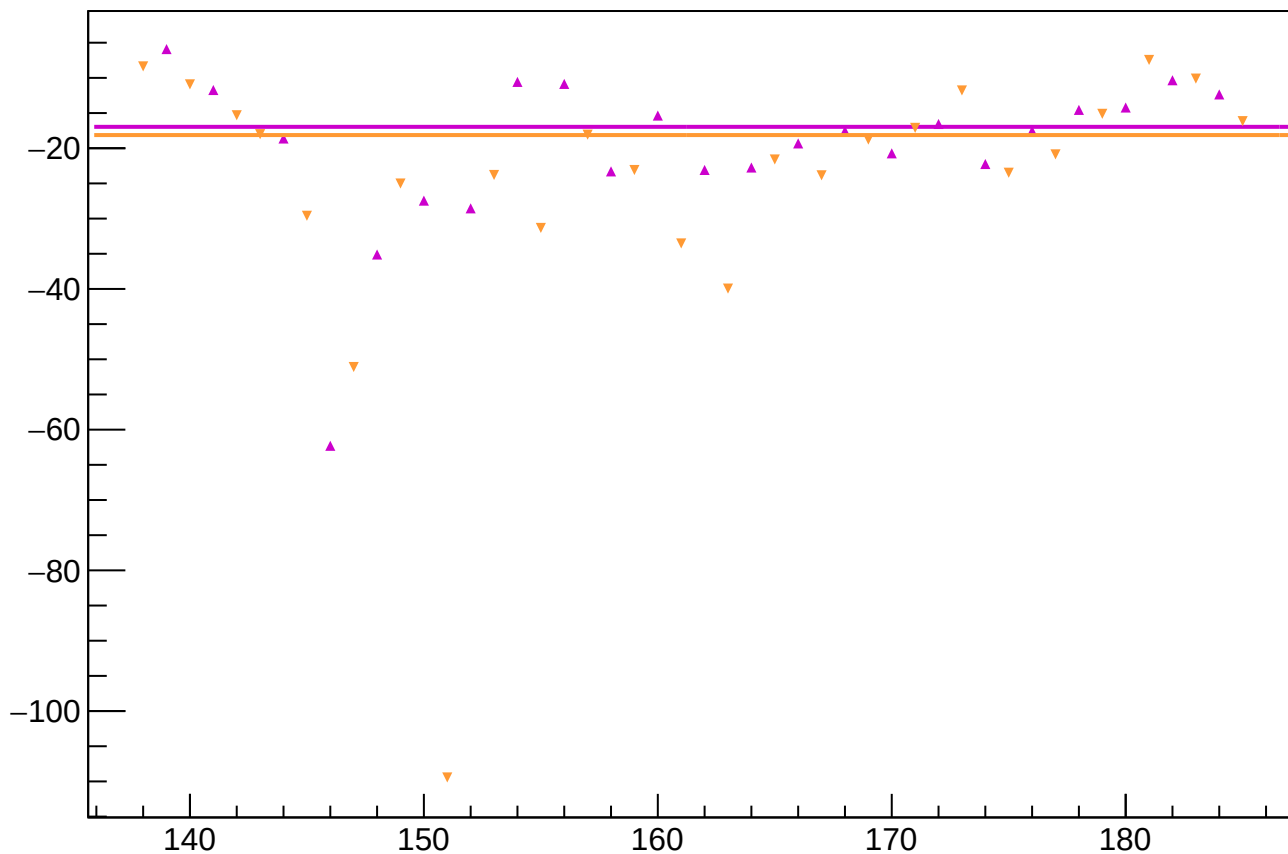
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -1.437+/-0.010 χ^2/NDF :1319212.0/39

Out: -1.039+/-0.010 χ^2/NDF :1726195.0/43

All: -1.238+/-0.007 χ^2/NDF : 3046153.3/83

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.128 $\pm$ 0.039 χ^2 /NDF:88541.7/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Left: -17.529 $\pm$ 0.027 χ^2 /NDF: 133765.0/47

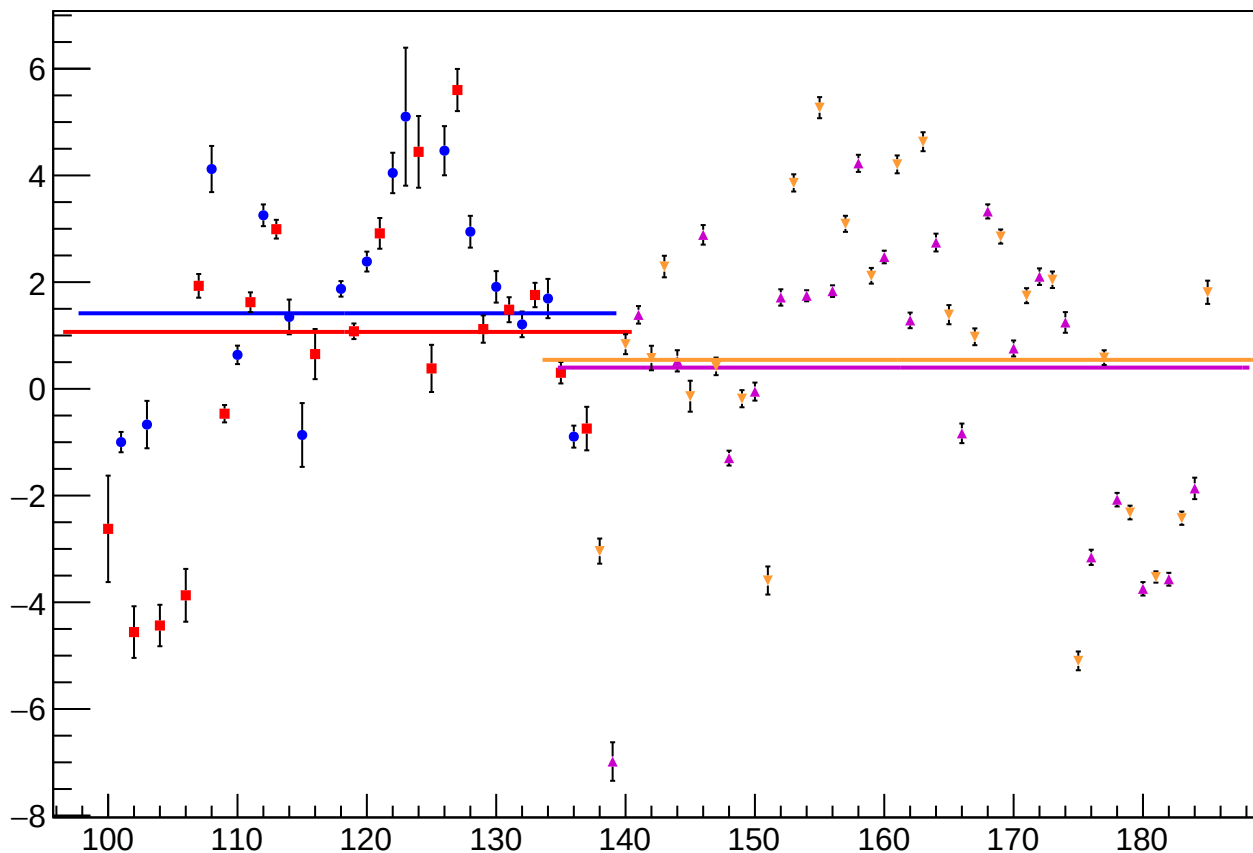
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -16.958 $\pm$ 0.038 χ^2 /NDF:44759.9/22

Out: -18.128 $\pm$ 0.039 χ^2 /NDF:88541.7/24

All: -17.529 $\pm$ 0.027 χ^2 /NDF: 133765.0/47

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 0.544 ± 0.032 χ^2/NDF : 7085.6/24

Right Out: 1.067 ± 0.058 χ^2/NDF : 929.9/18

Left In: 0.398 ± 0.031 χ^2/NDF : 6286.3/22

Left: 0.467 ± 0.022 χ^2/NDF : 13382.5/47

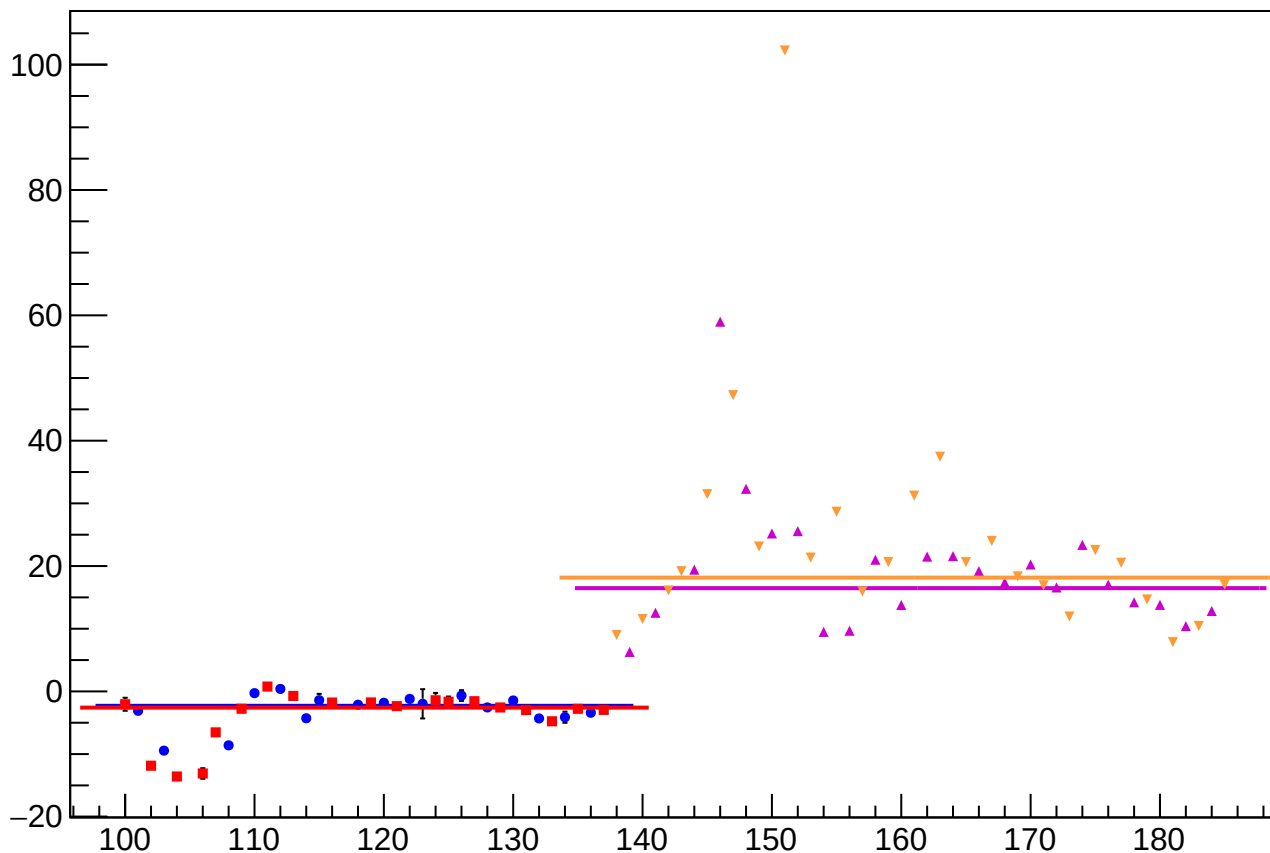
Right: 1.233 ± 0.042 χ^2/NDF : 1578.2/35

In: 0.602 ± 0.027 χ^2/NDF : 7138.8/39

Out: 0.668 ± 0.028 χ^2/NDF : 8077.4/43

All: 0.634 ± 0.020 χ^2/NDF : 15218.9/83

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 18.151 ± 0.039 $\chi^2/\text{NDF}: 77836.7/24$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 16.477 ± 0.038 $\chi^2/\text{NDF}: 41326.5/22$

Left: 17.282 ± 0.027 $\chi^2/\text{NDF}: 120115.5/47$

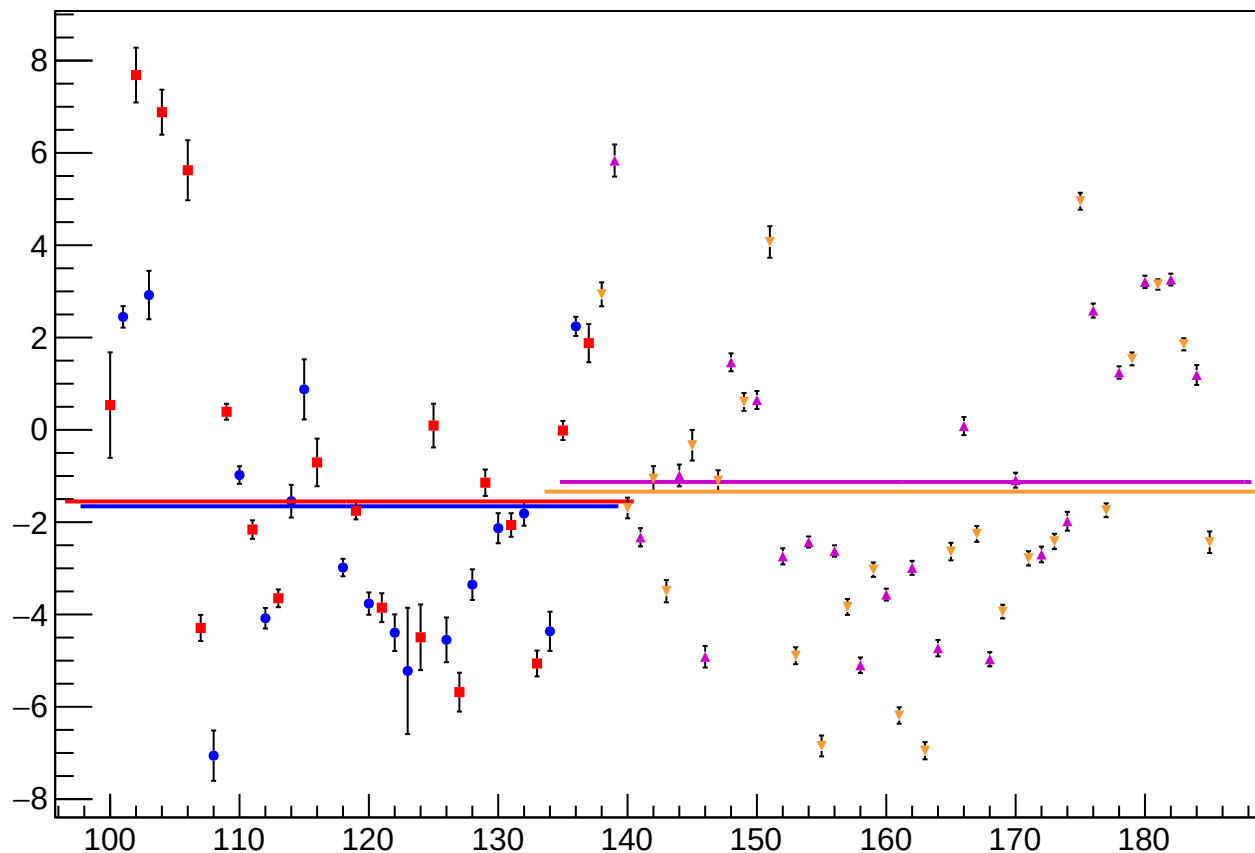
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.537 ± 0.036 $\chi^2/\text{NDF}: 67498.2/39$

Out: 15.345 ± 0.036 $\chi^2/\text{NDF}: 116815.0/43$

All: 14.933 ± 0.025 $\chi^2/\text{NDF}: 184565.6/83$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.338 ± 0.036 χ^2/NDF : 7943.9/24

Right Out: -1.551 ± 0.066 χ^2/NDF : 1488.1/18

Left In: -1.129 ± 0.034 χ^2/NDF : 6778.7/22

Left: -1.228 ± 0.025 χ^2/NDF : 14740.5/47

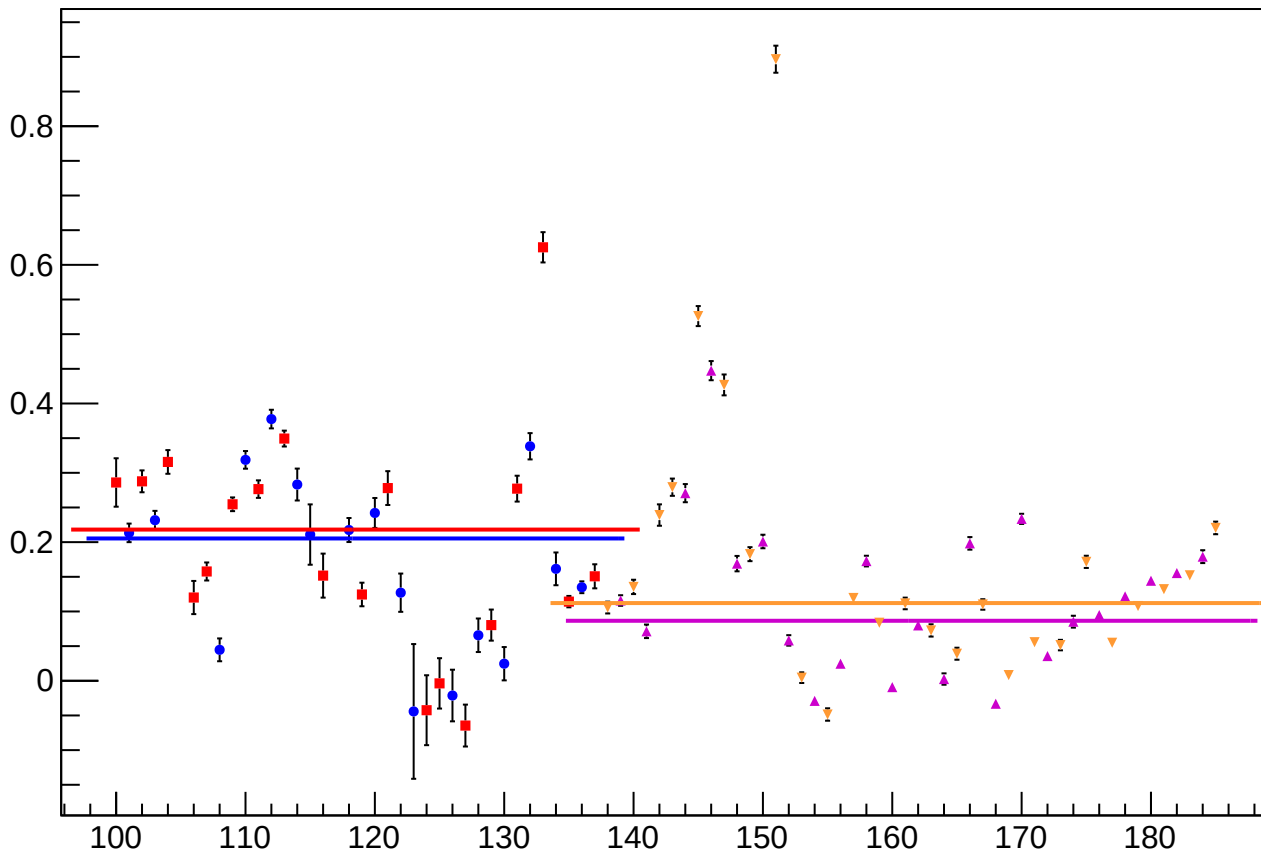
Right: -1.600 ± 0.048 χ^2/NDF : 2760.4/35

In: -1.229 ± 0.031 χ^2/NDF : 8095.3/39

Out: -1.388 ± 0.031 χ^2/NDF : 9440.0/43

All: -1.306 ± 0.022 χ^2/NDF : 17548.5/83

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: 0.112 $\pm$ 0.002 χ^2 /NDF:4503.9/24

Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3661.4/22

Left: 0.098 $\pm$ 0.001 χ^2 /NDF: 8301.1/47

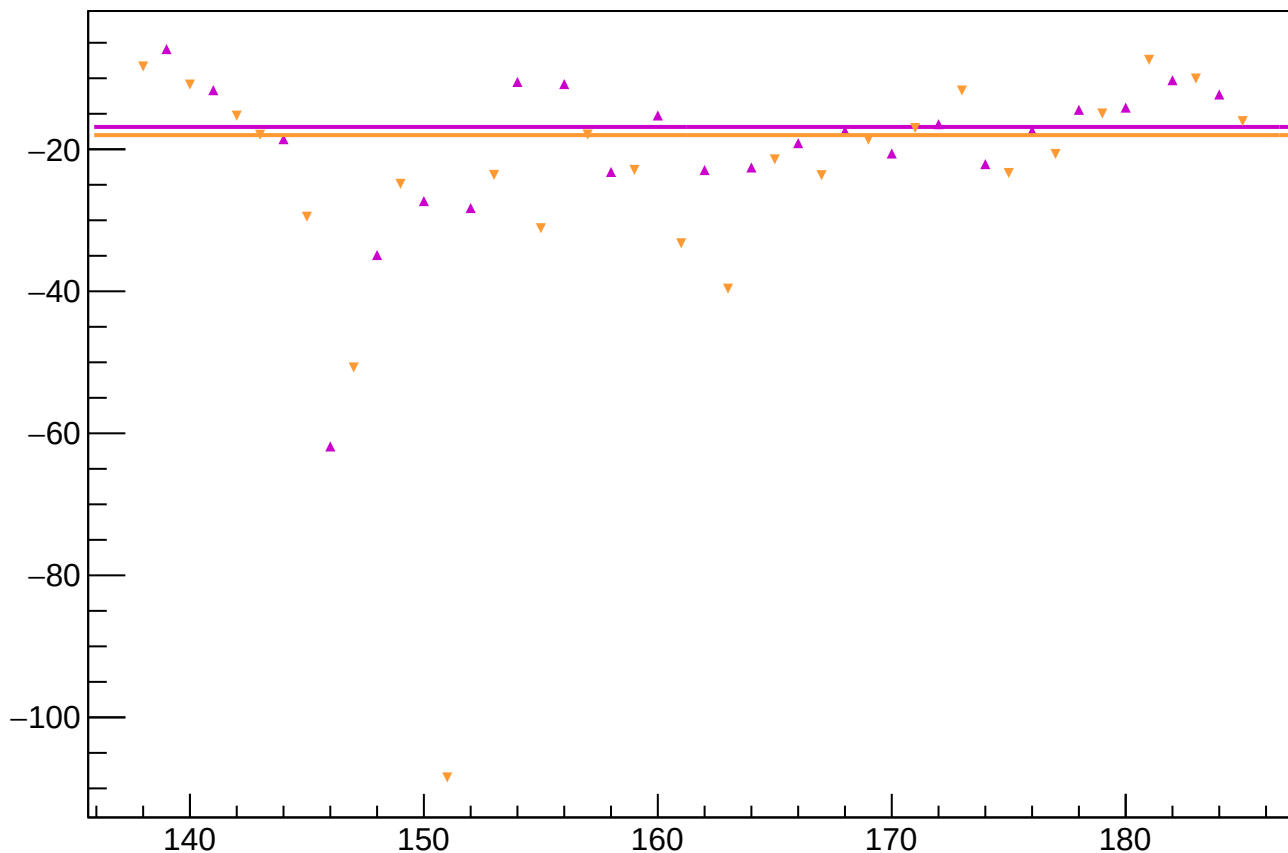
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35

In: 0.100 $\pm$ 0.001 χ^2 /NDF:5009.7/39

Out: 0.129 $\pm$ 0.001 χ^2 /NDF:6221.6/43

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 11429.7/83

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.005+/-0.039 χ^2/NDF :88381.2/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Left: -17.416+/-0.027 χ^2/NDF : 133516.4/47

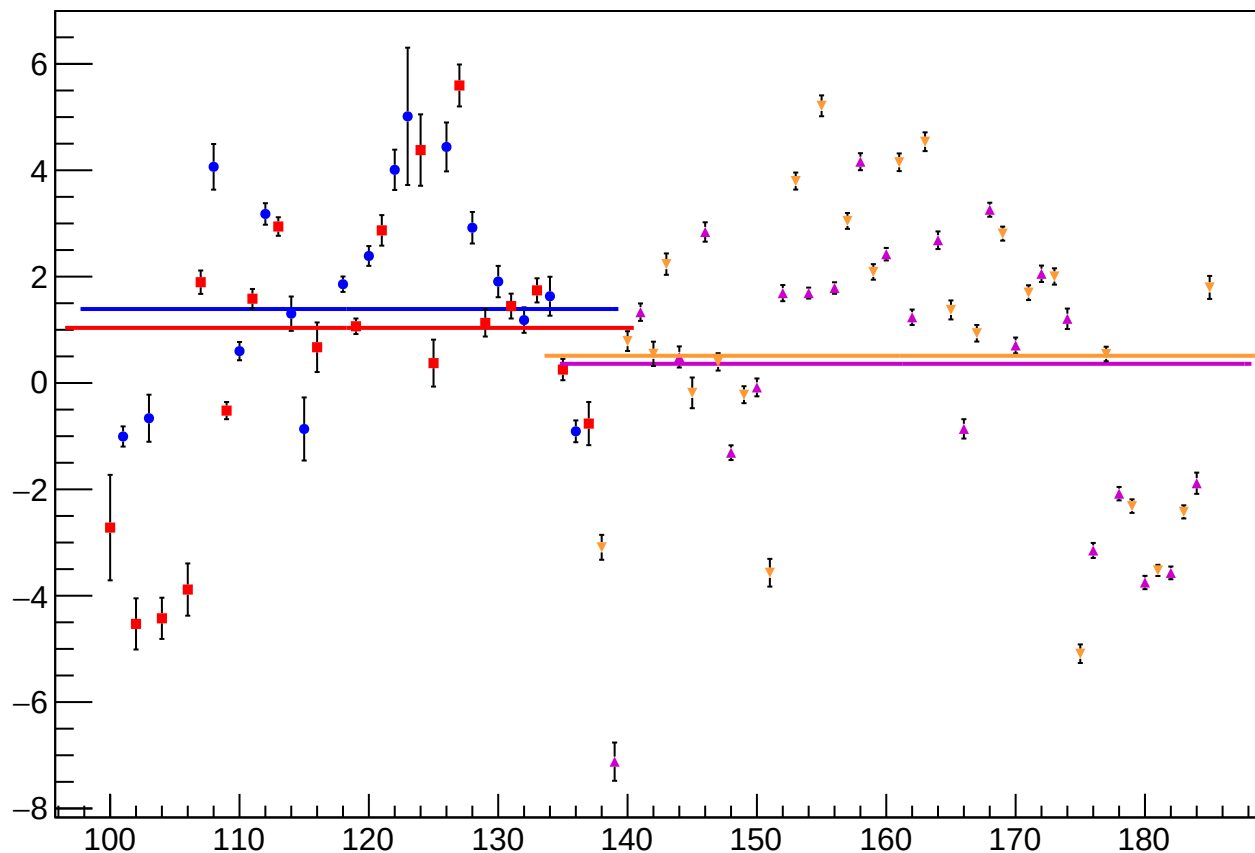
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.854+/-0.038 χ^2/NDF :44680.7/22

Out: -18.005+/-0.039 χ^2/NDF :88381.2/24

All: -17.416+/-0.027 χ^2/NDF : 133516.4/47

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 $\chi^2/\text{NDF}: 629.2/16$

Left Out: 0.512 ± 0.032 $\chi^2/\text{NDF}: 7070.7/24$

Right Out: 1.036 ± 0.058 $\chi^2/\text{NDF}: 934.2/18$

Left In: 0.361 ± 0.030 $\chi^2/\text{NDF}: 6273.5/22$

Left: 0.432 ± 0.022 $\chi^2/\text{NDF}: 13355.8/47$

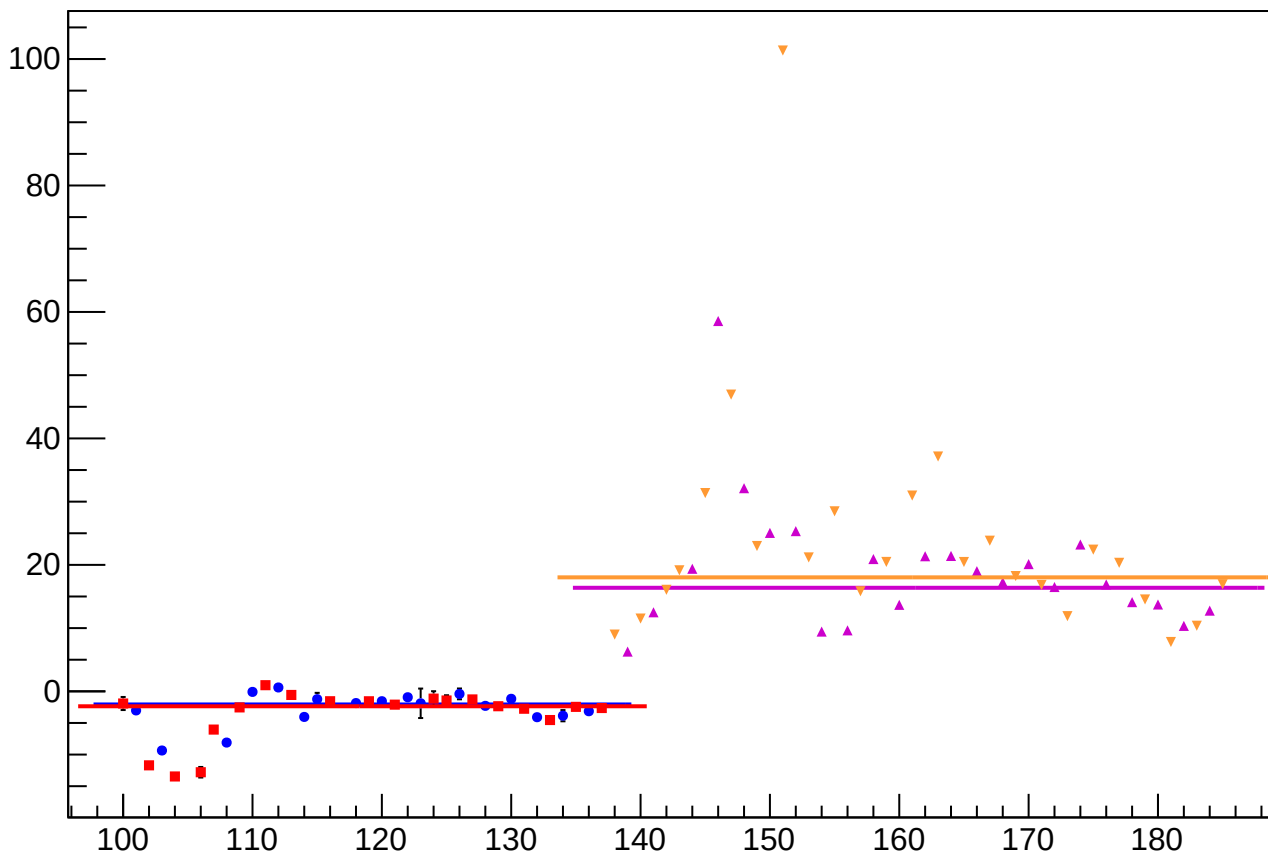
Right: 1.204 ± 0.042 $\chi^2/\text{NDF}: 1581.2/35$

In: 0.567 ± 0.027 $\chi^2/\text{NDF}: 7131.5/39$

Out: 0.636 ± 0.028 $\chi^2/\text{NDF}: 8067.7/43$

All: 0.600 ± 0.020 $\chi^2/\text{NDF}: 15202.3/83$

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 18.027 ± 0.039 $\chi^2/\text{NDF}: 77707.1/24$

Right Out: -2.362 ± 0.098 $\chi^2/\text{NDF}: 893.4/18$

Left In: 16.377 ± 0.037 $\chi^2/\text{NDF}: 41253.5/22$

Left: 17.171 ± 0.027 $\chi^2/\text{NDF}: 119898.2/47$

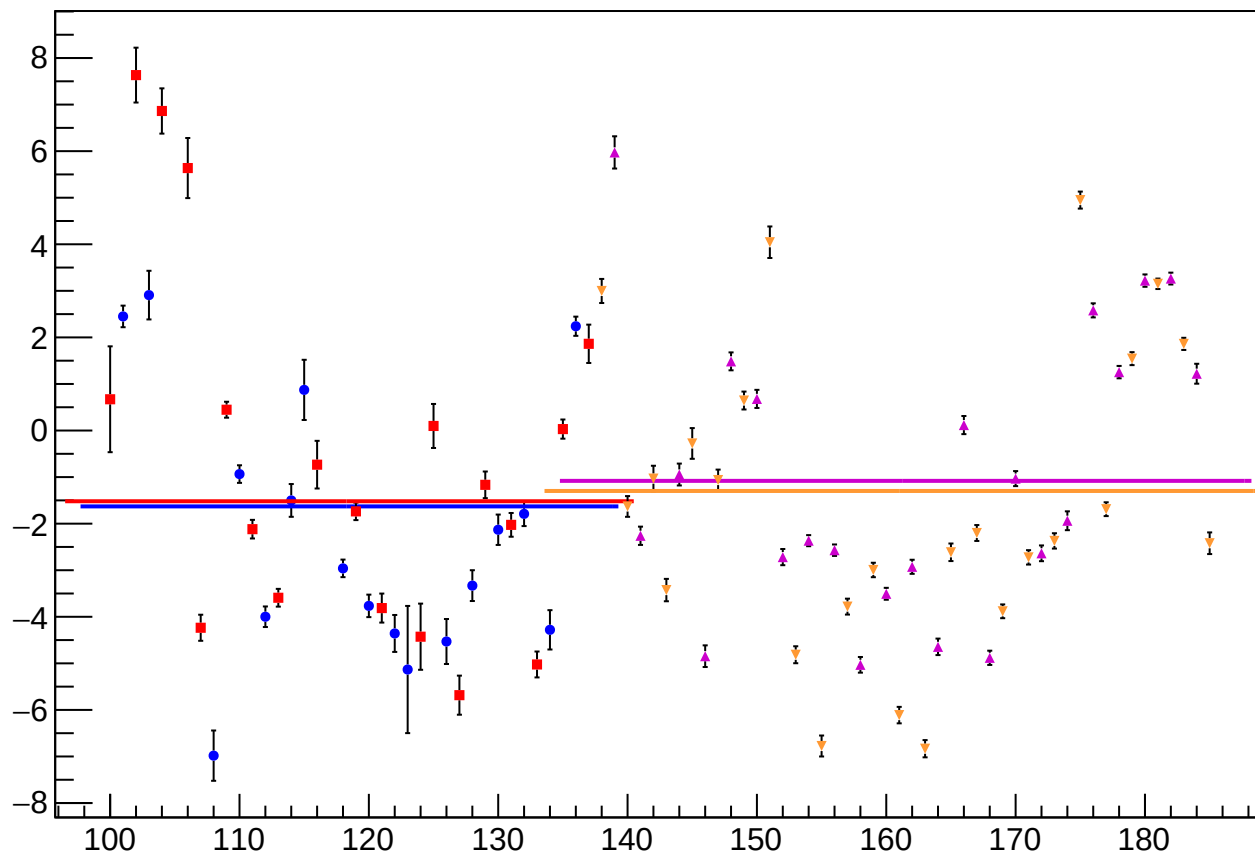
Right: -2.235 ± 0.073 $\chi^2/\text{NDF}: 1339.5/35$

In: 14.476 ± 0.035 $\chi^2/\text{NDF}: 66806.6/39$

Out: 15.277 ± 0.036 $\chi^2/\text{NDF}: 115824.6/43$

All: 14.869 ± 0.025 $\chi^2/\text{NDF}: 182882.3/83$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 $\chi^2/\text{NDF}: 1266.4/16$

Left Out: -1.298 ± 0.036 $\chi^2/\text{NDF}: 7925.9/24$

Right Out: -1.519 ± 0.065 $\chi^2/\text{NDF}: 1491.9/18$

Left In: -1.081 ± 0.034 $\chi^2/\text{NDF}: 6764.0/22$

Left: -1.184 ± 0.025 $\chi^2/\text{NDF}: 14709.4/47$

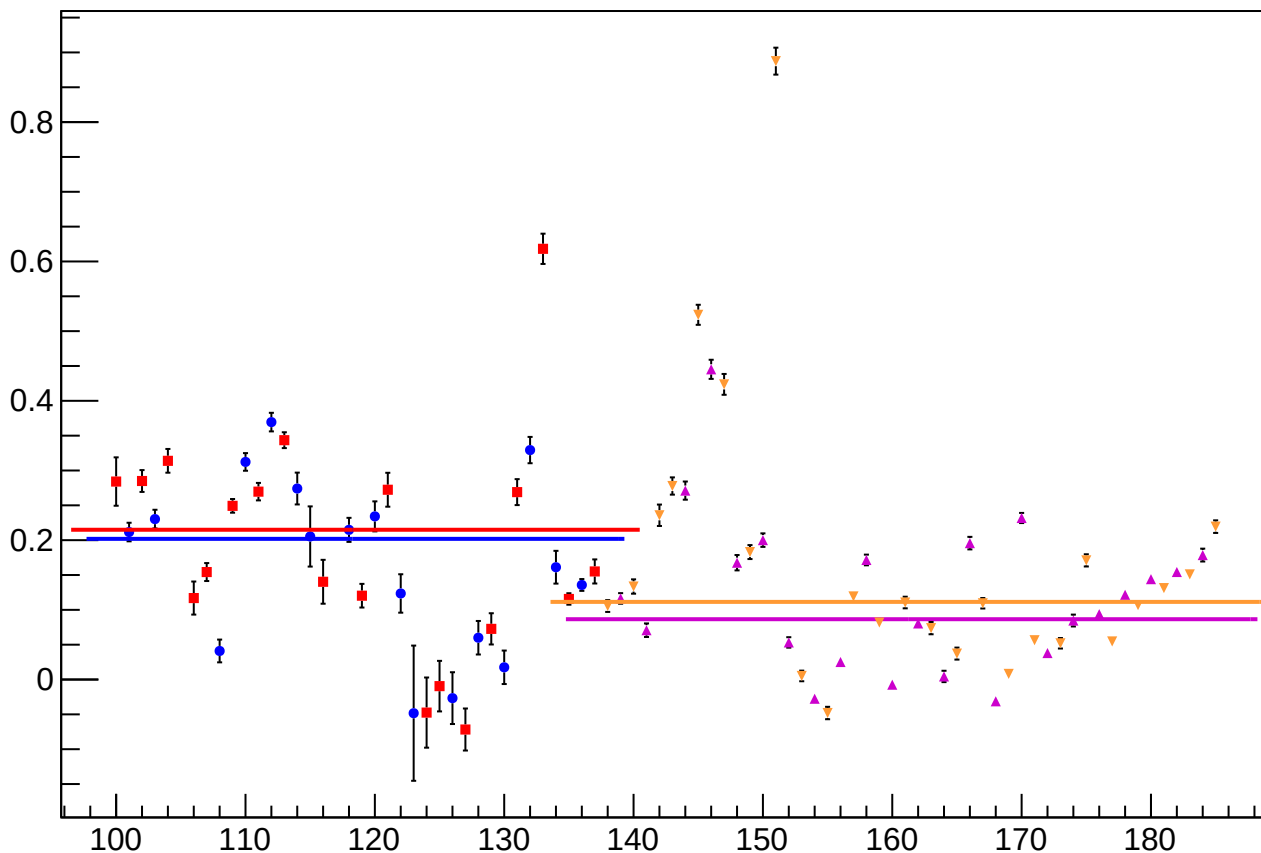
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.184 ± 0.030 $\chi^2/\text{NDF}: 8080.0/39$

Out: -1.349 ± 0.031 $\chi^2/\text{NDF}: 9426.6/43$

All: -1.264 ± 0.022 $\chi^2/\text{NDF}: 17520.7/83$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.111 $\pm$ 0.002 χ^2 /NDF:4496.0/24

Right Out: 0.215 $\pm$ 0.004 χ^2 /NDF: 1005.6/18

Left In: 0.087 $\pm$ 0.001 χ^2 /NDF:3631.4/22

Left: 0.098 $\pm$ 0.001 χ^2 /NDF: 8257.8/47

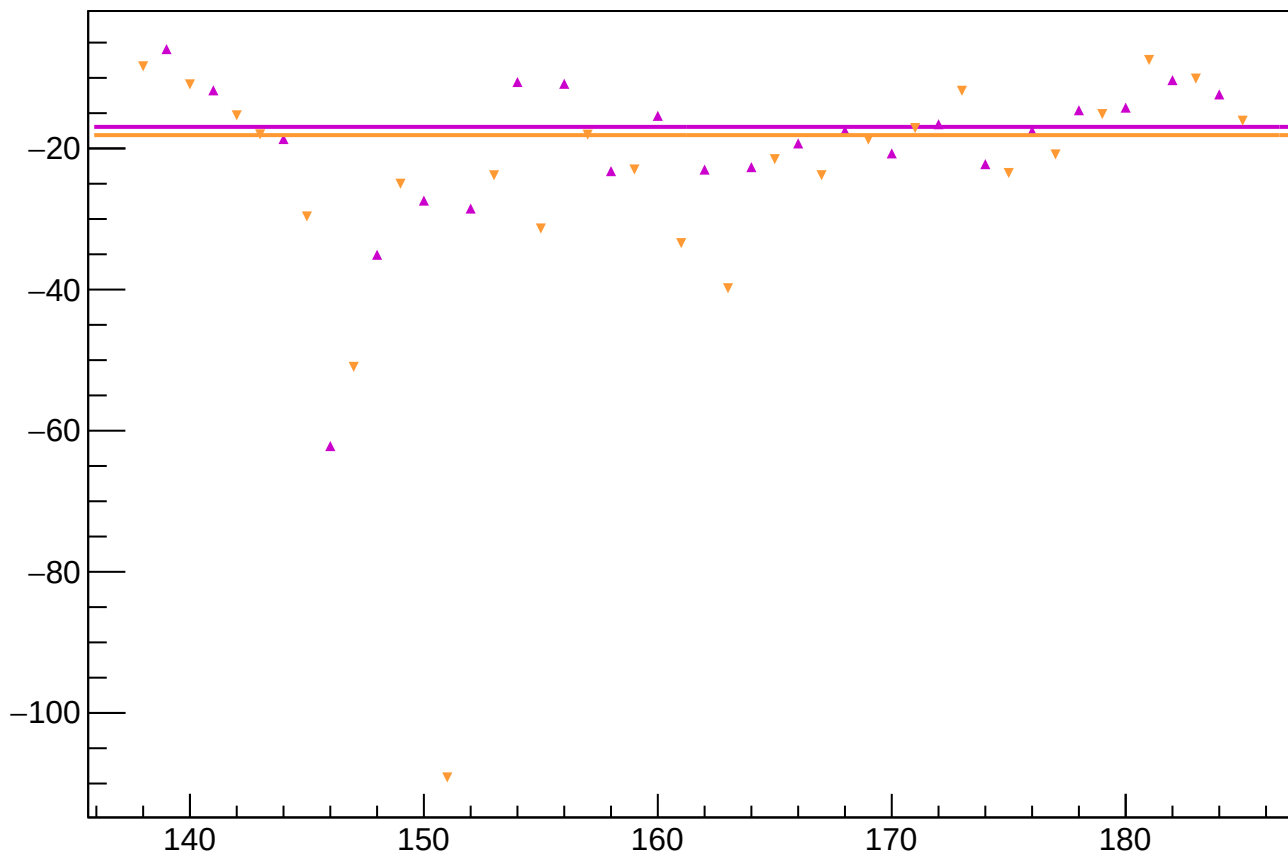
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1615.8/35

In: 0.100 $\pm$ 0.001 χ^2 /NDF:4929.7/39

Out: 0.128 $\pm$ 0.001 χ^2 /NDF:6170.9/43

All: 0.113 $\pm$ 0.001 χ^2 /NDF: 11291.9/83

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.113+/-0.039 χ^2/NDF :88520.0/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.945+/-0.038 χ^2/NDF :44756.2/22

Left: -17.515+/-0.027 χ^2/NDF : 133740.4/47

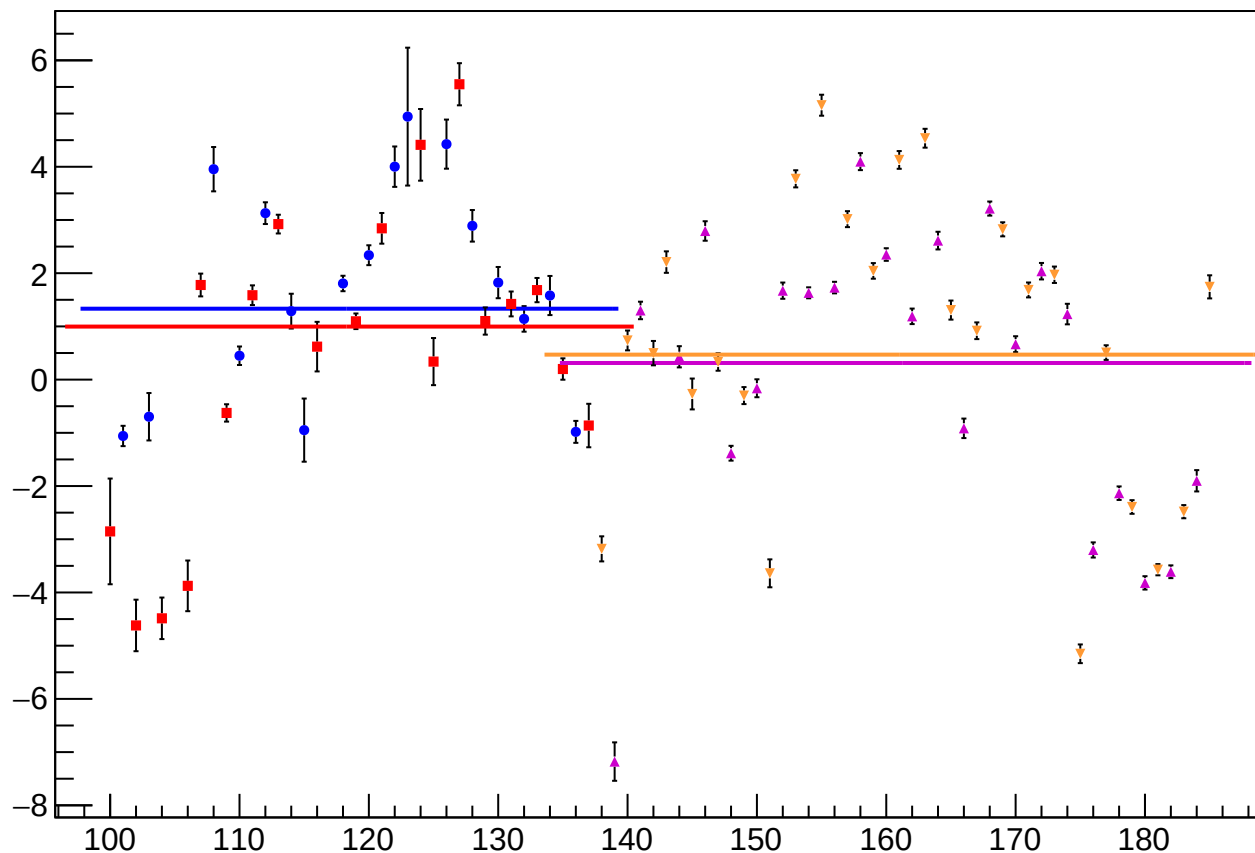
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.945+/-0.038 χ^2/NDF :44756.2/22

Out: -18.113+/-0.039 χ^2/NDF :88520.0/24

All: -17.515+/-0.027 χ^2/NDF : 133740.4/47

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 0.469 ± 0.032 χ^2/NDF : 7093.3/24

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.313 ± 0.031 χ^2/NDF : 6235.0/22

Left: 0.387 ± 0.022 χ^2/NDF : 13340.8/47

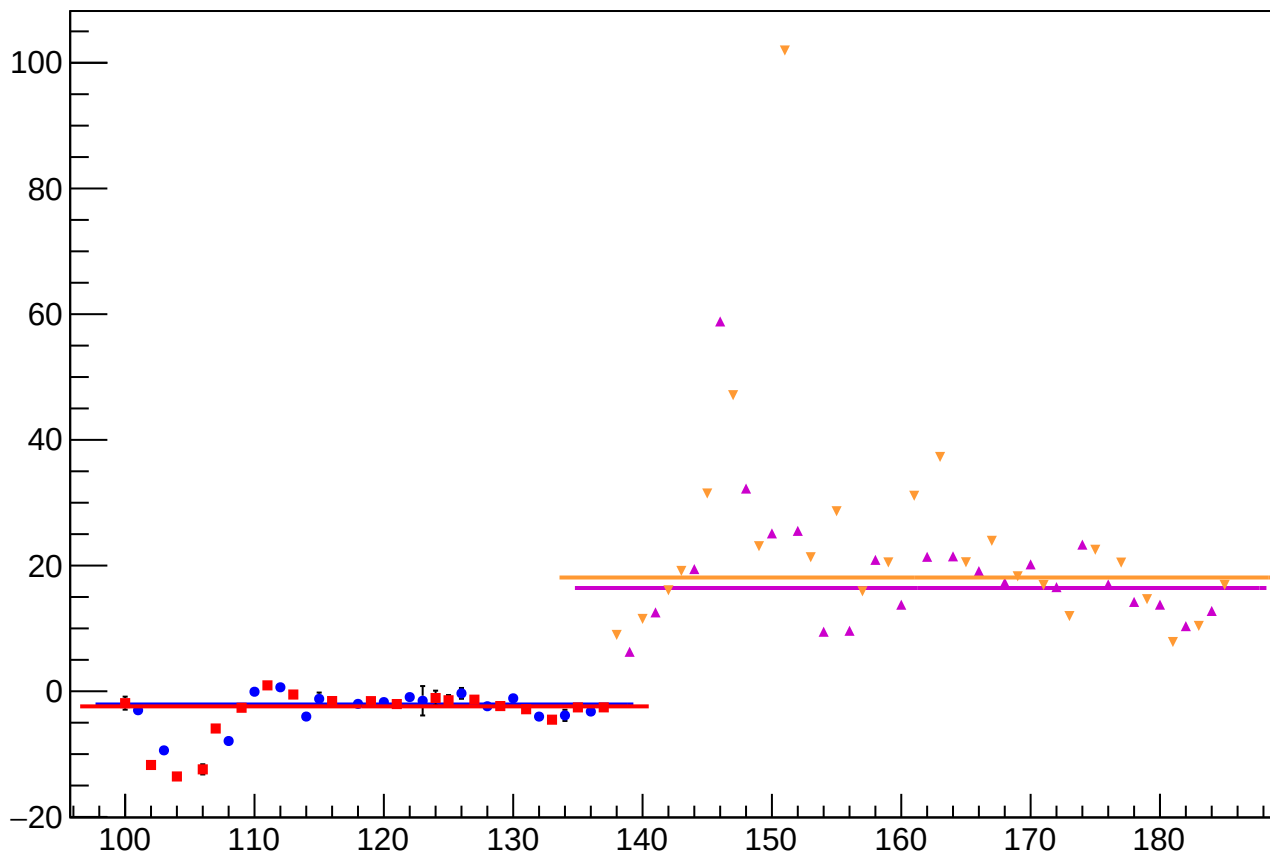
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.516 ± 0.027 χ^2/NDF : 7092.1/39

Out: 0.594 ± 0.028 χ^2/NDF : 8101.8/43

All: 0.554 ± 0.020 χ^2/NDF : 15197.9/83

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 18.101 ± 0.039 $\chi^2/\text{NDF}: 77828.7/24$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 16.431 ± 0.038 $\chi^2/\text{NDF}: 41337.1/22$

Left: 17.234 ± 0.027 $\chi^2/\text{NDF}: 120118.5/47$

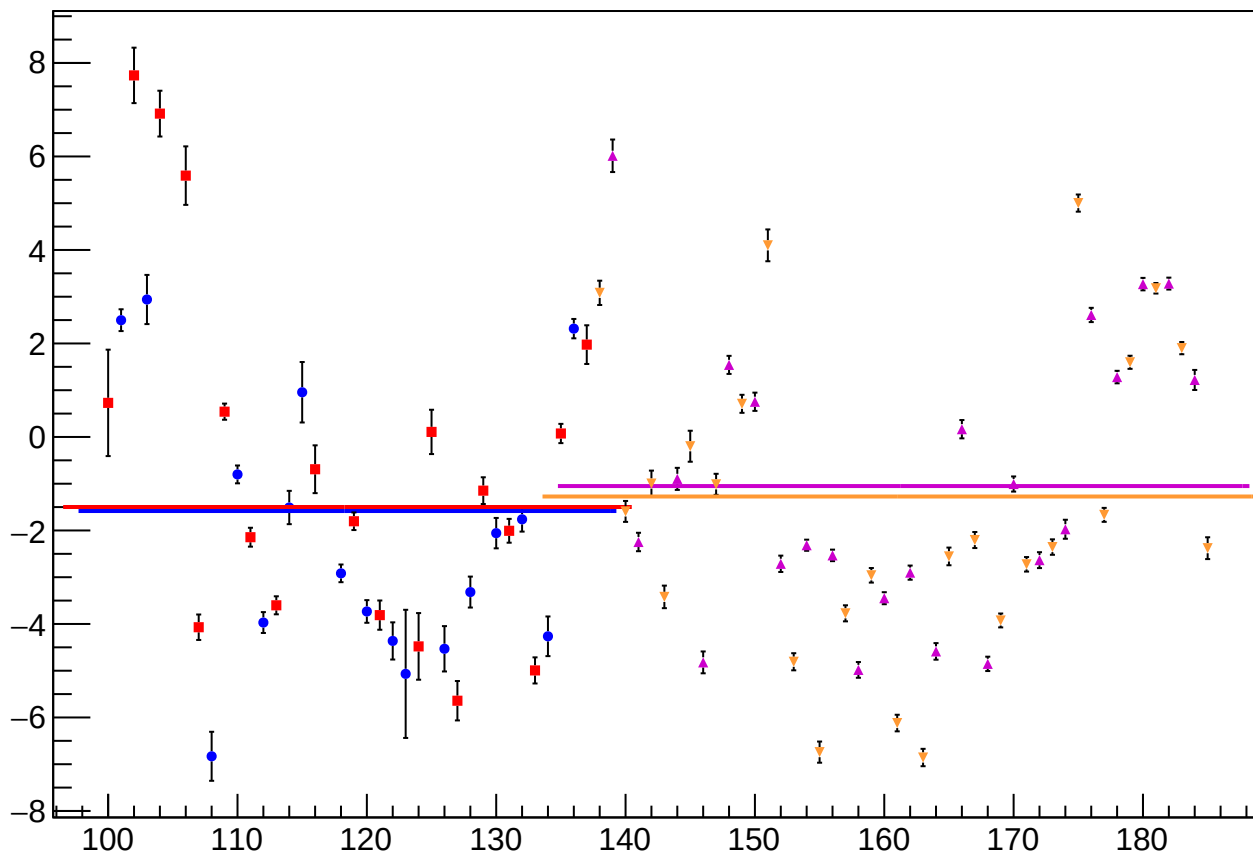
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.527 ± 0.036 $\chi^2/\text{NDF}: 66852.0/39$

Out: 15.339 ± 0.036 $\chi^2/\text{NDF}: 116007.1/43$

All: 14.925 ± 0.025 $\chi^2/\text{NDF}: 183114.8/83$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 $\chi^2/\text{NDF}: 1272.1/16$

Left Out: -1.274 ± 0.036 $\chi^2/\text{NDF}: 7952.3/24$

Right Out: -1.498 ± 0.066 $\chi^2/\text{NDF}: 1503.7/18$

Left In: -1.050 ± 0.034 $\chi^2/\text{NDF}: 6713.0/22$

Left: -1.156 ± 0.025 $\chi^2/\text{NDF}: 14685.8/47$

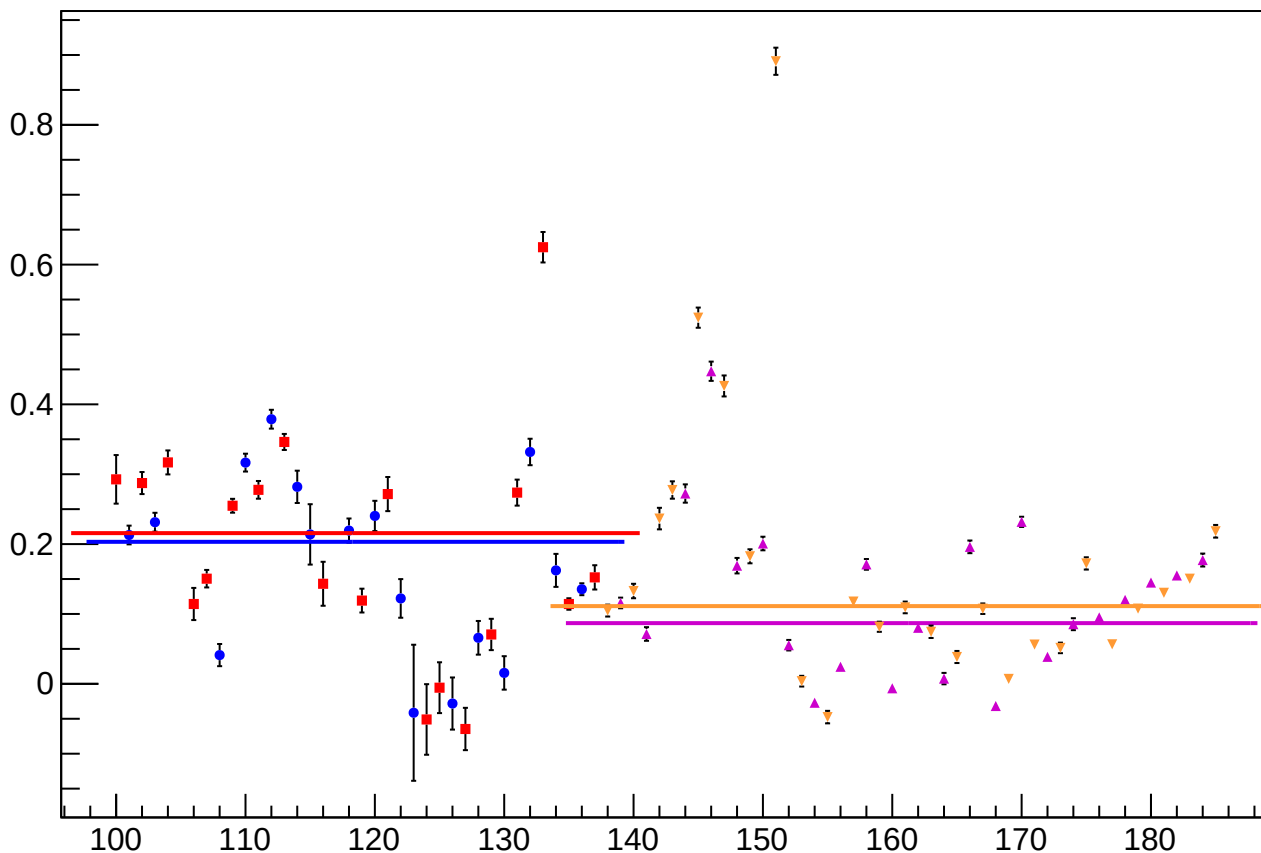
Right: -1.538 ± 0.048 $\chi^2/\text{NDF}: 2776.6/35$

In: -1.151 ± 0.031 $\chi^2/\text{NDF}: 8031.7/39$

Out: -1.325 ± 0.031 $\chi^2/\text{NDF}: 9465.1/43$

All: -1.236 ± 0.022 $\chi^2/\text{NDF}: 17512.6/83$

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.111 ± 0.002 χ^2/NDF : 4474.5/24

Right Out: 0.216 ± 0.004 χ^2/NDF : 1037.9/18

Left In: 0.087 ± 0.001 χ^2/NDF : 3604.3/22

Left: 0.098 ± 0.001 χ^2/NDF : 8202.9/47

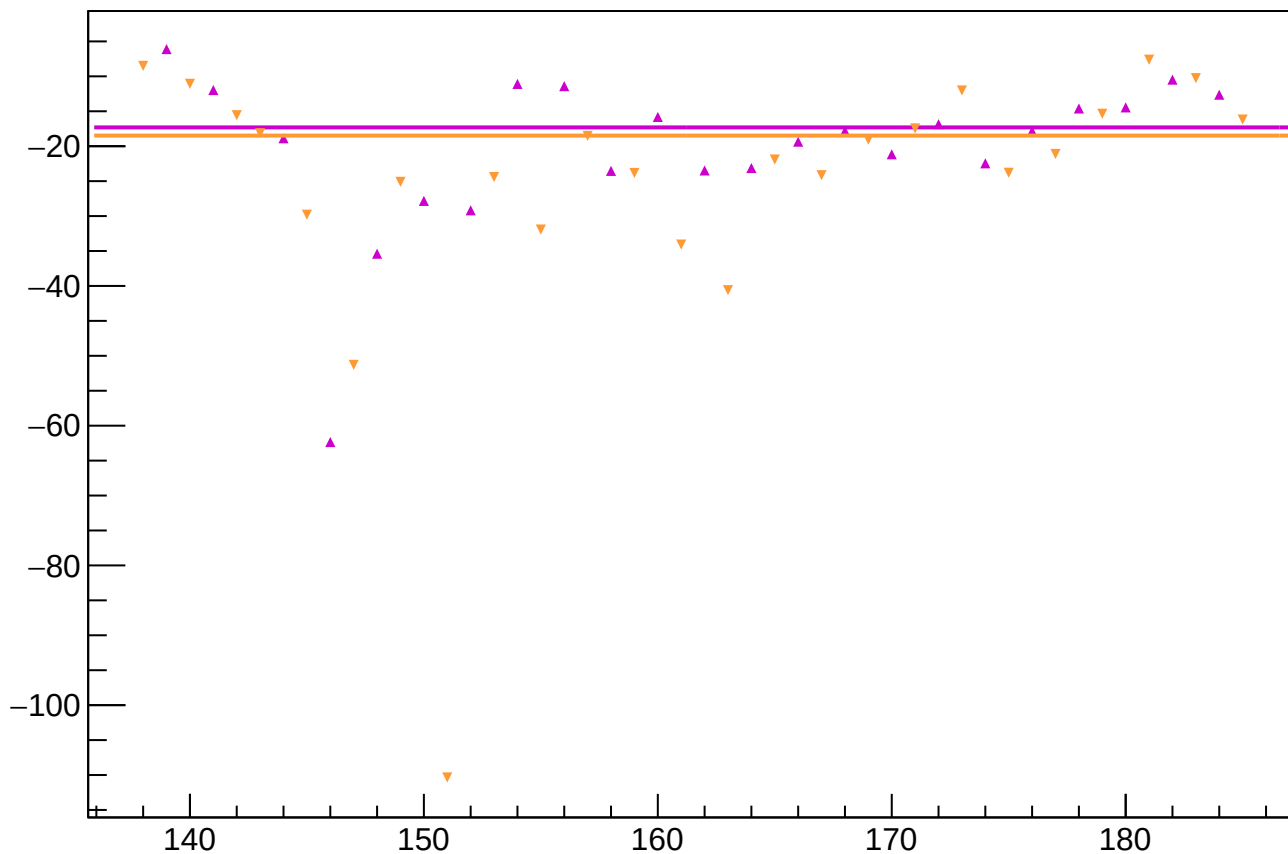
Right: 0.210 ± 0.003 χ^2/NDF : 1675.8/35

In: 0.100 ± 0.001 χ^2/NDF : 4938.4/39

Out: 0.128 ± 0.001 χ^2/NDF : 6190.9/43

All: 0.113 ± 0.001 χ^2/NDF : 11313.4/83

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -18.480+/-0.040 χ^2/NDF : 87872.7/24

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.309+/-0.039 χ^2/NDF : 43807.0/22

Left: -17.881+/-0.028 χ^2/NDF : 132124.6/47

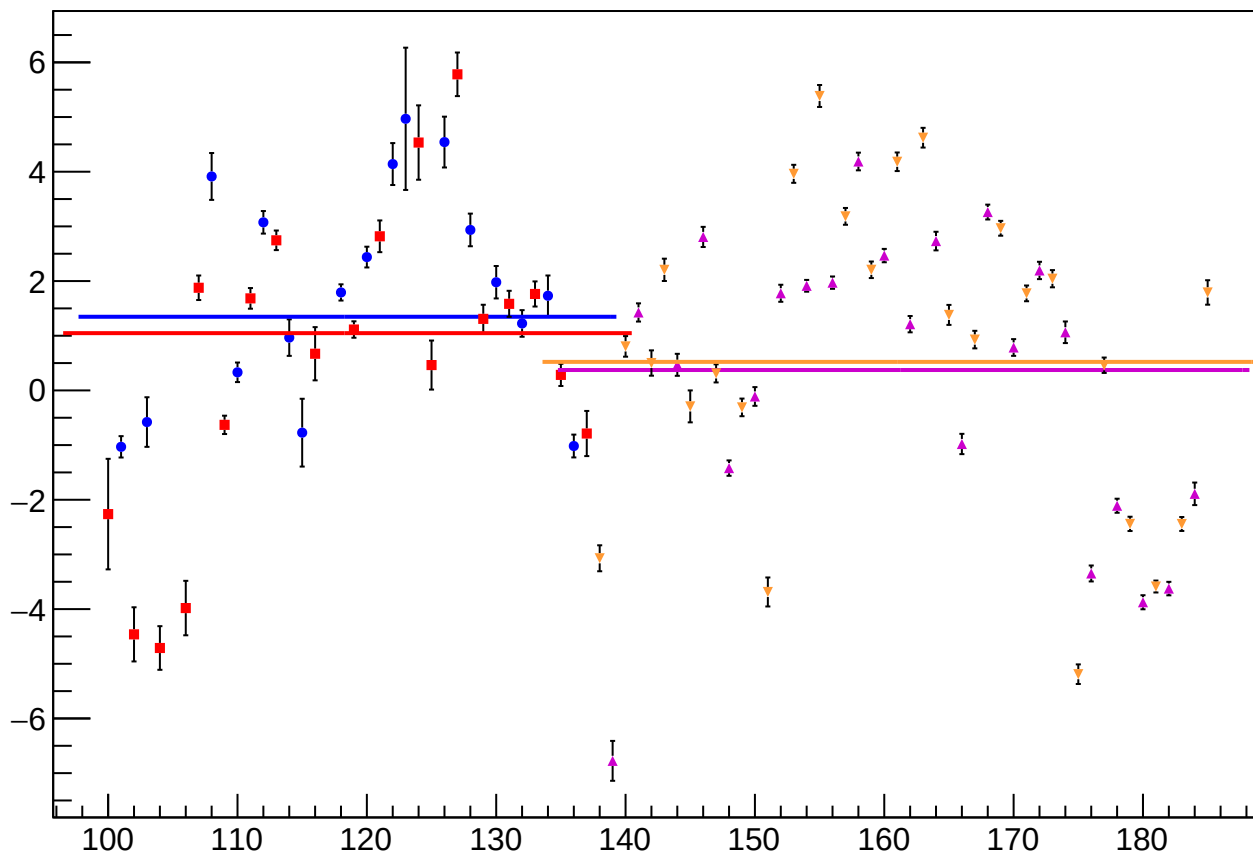
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.309+/-0.039 χ^2/NDF : 43807.0/22

Out: -18.480+/-0.040 χ^2/NDF : 87872.7/24

All: -17.881+/-0.028 χ^2/NDF : 132124.6/47

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.444 $\pm$ 0.023 χ^2/NDF : 13329.8/47

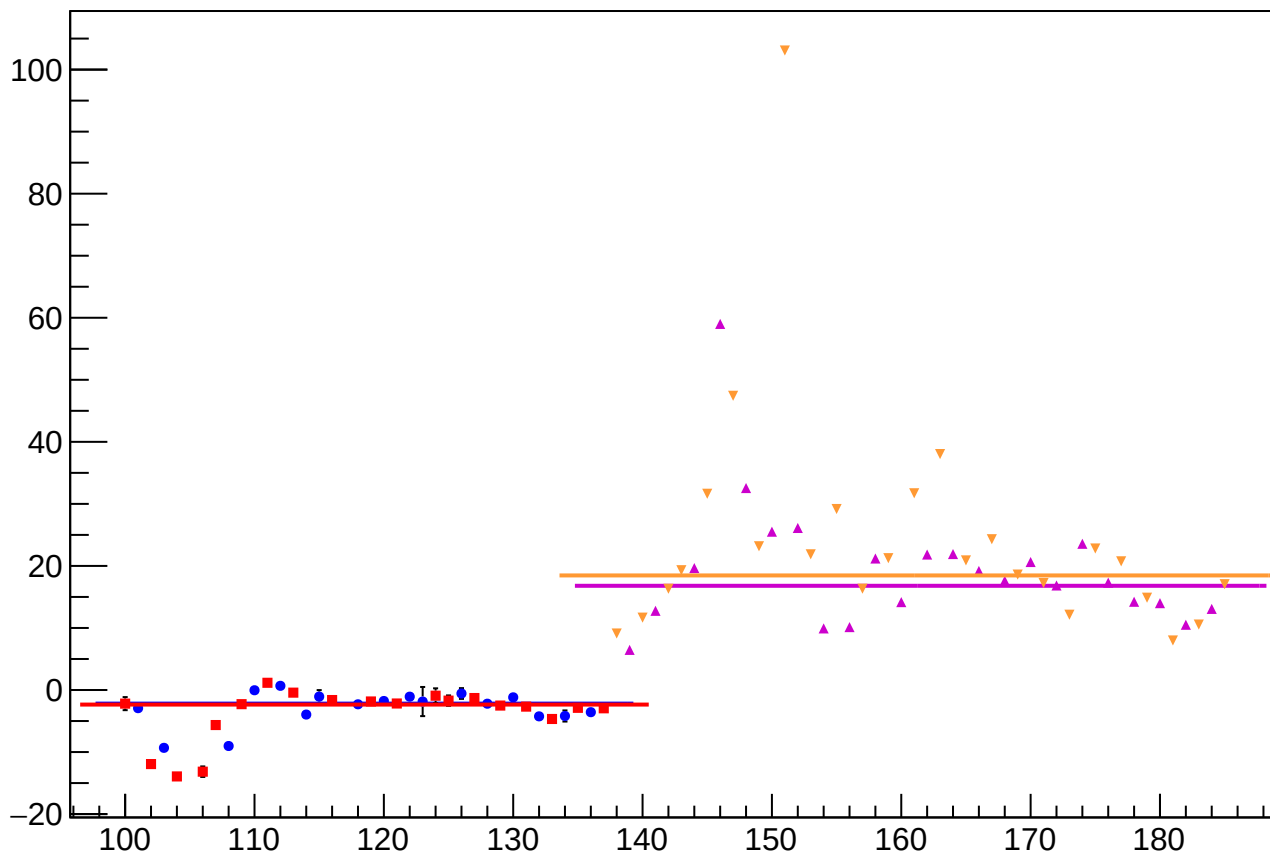
Right: 1.190 $\pm$ 0.043 χ^2/NDF : 1558.3/35

In: 0.569 $\pm$ 0.028 χ^2/NDF : 7089.2/39

Out: 0.646 $\pm$ 0.029 χ^2/NDF : 8031.4/43

All: 0.607 $\pm$ 0.020 χ^2/NDF : 15124.3/83

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: 18.467 ± 0.040 $\chi^2/\text{NDF}: 77214.9/24$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 16.798 ± 0.038 $\chi^2/\text{NDF}: 40258.9/22$

Left: 17.602 ± 0.028 $\chi^2/\text{NDF}: 118382.4/47$

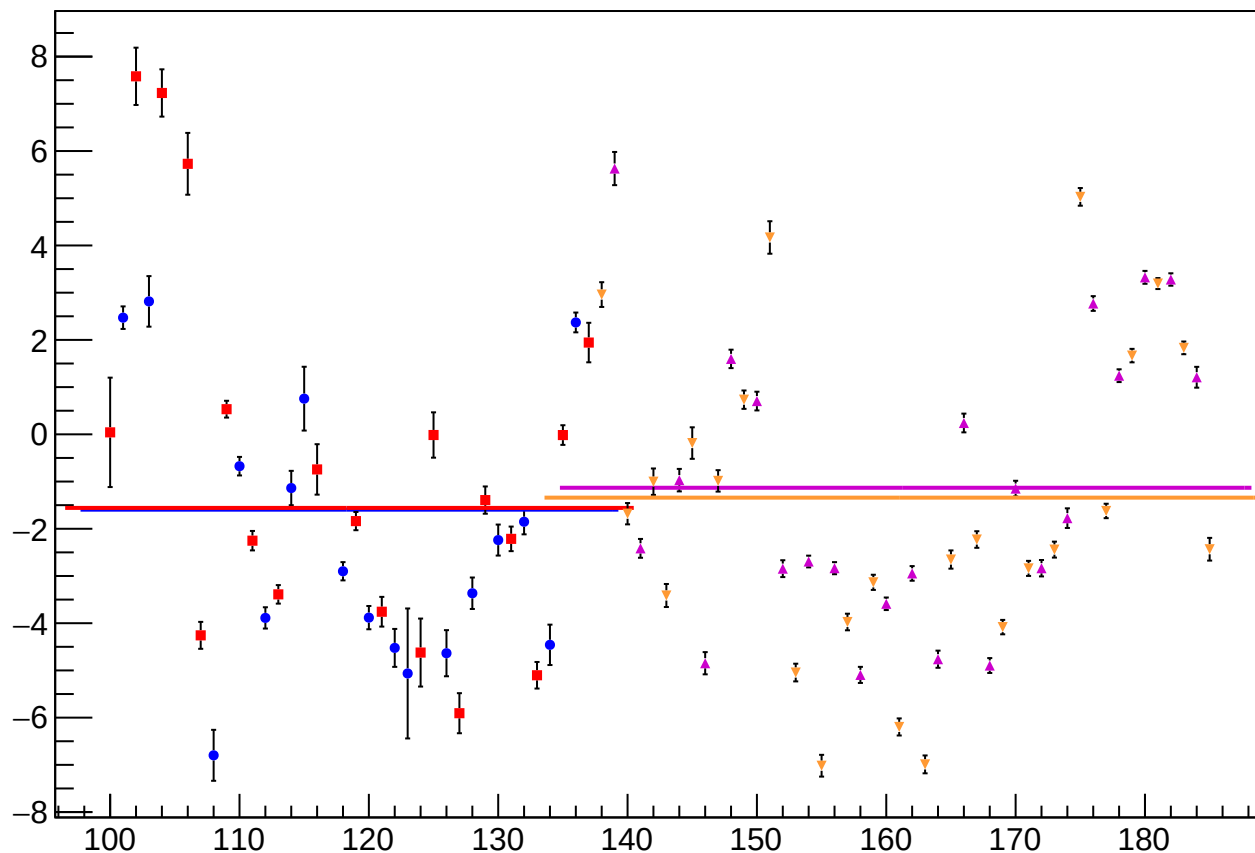
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 14.825 ± 0.036 $\chi^2/\text{NDF}: 66102.8/39$

Out: 15.654 ± 0.037 $\chi^2/\text{NDF}: 114951.4/43$

All: 15.232 ± 0.026 $\chi^2/\text{NDF}: 181309.2/83$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 $\chi^2/\text{NDF}: 1255.4/16$

Left Out: -1.341 ± 0.037 $\chi^2/\text{NDF}: 7907.9/24$

Right Out: -1.558 ± 0.067 $\chi^2/\text{NDF}: 1463.8/18$

Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6743.4/22$

Left: -1.231 ± 0.025 $\chi^2/\text{NDF}: 14668.4/47$

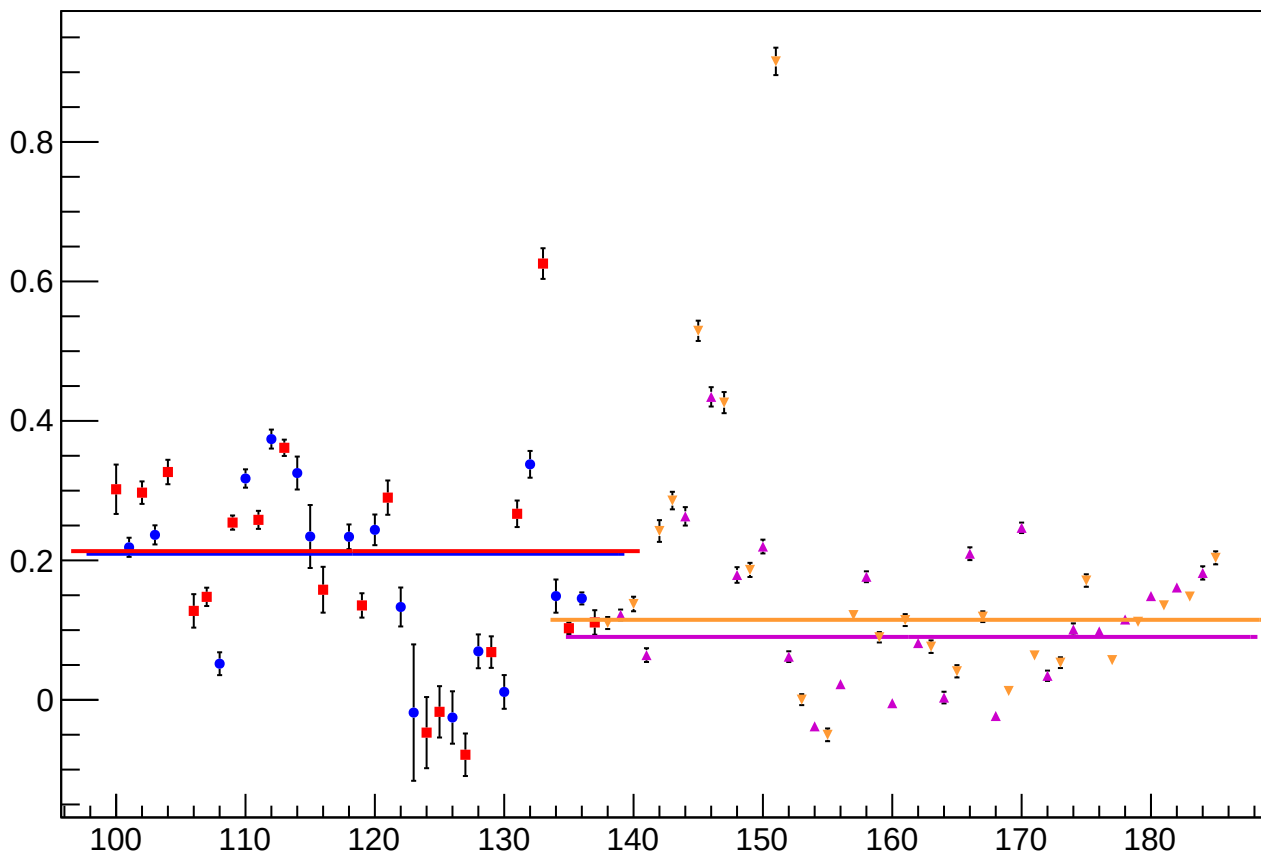
Right: -1.575 ± 0.049 $\chi^2/\text{NDF}: 2719.3/35$

In: -1.220 ± 0.031 $\chi^2/\text{NDF}: 8032.6/39$

Out: -1.391 ± 0.032 $\chi^2/\text{NDF}: 9379.8/43$

All: -1.303 ± 0.022 $\chi^2/\text{NDF}: 17427.0/83$

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: 0.115 $\pm$ 0.002 χ^2 /NDF:4431.9/24

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.090 $\pm$ 0.002 χ^2 /NDF:3679.2/22

Left: 0.102 $\pm$ 0.001 χ^2 /NDF: 8231.0/47

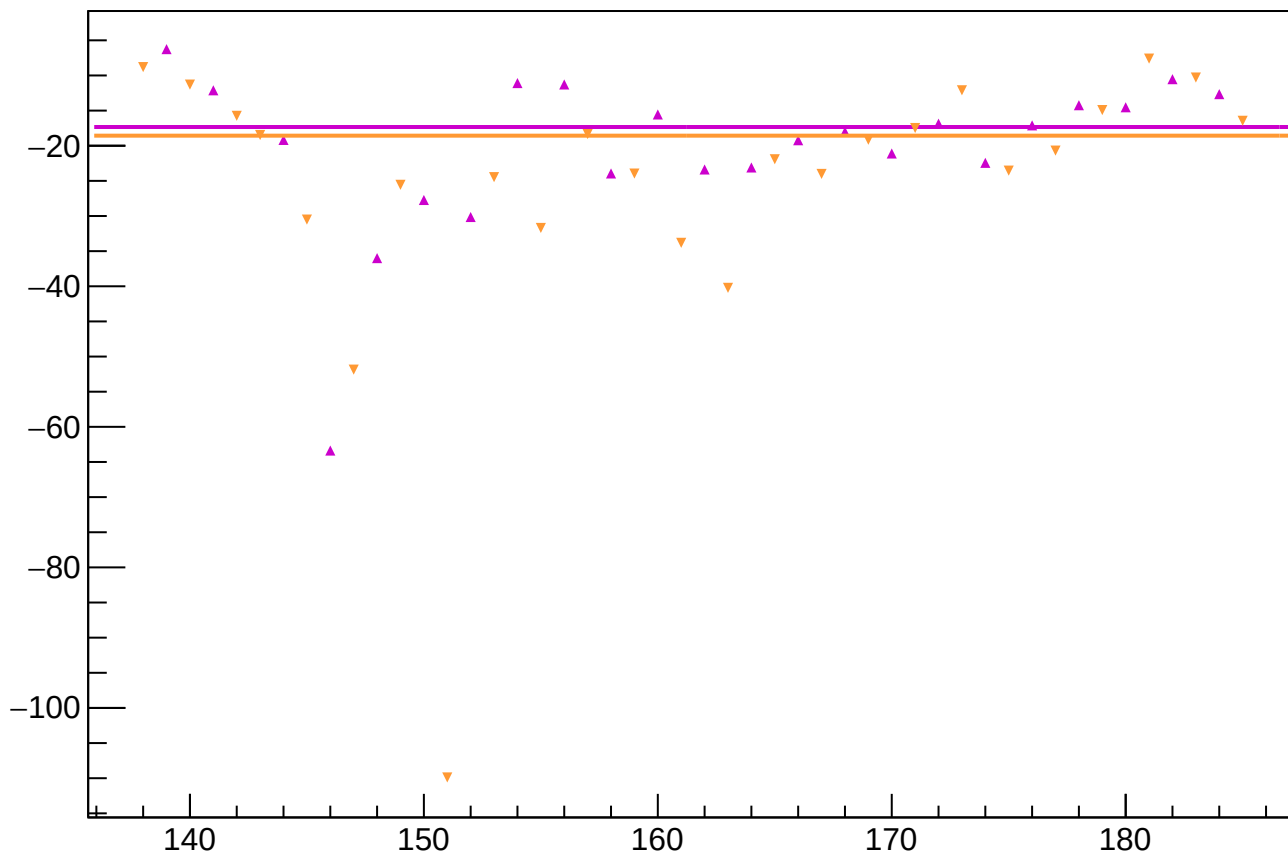
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.104 $\pm$ 0.001 χ^2 /NDF:4986.8/39

Out: 0.130 $\pm$ 0.001 χ^2 /NDF:6113.7/43

All: 0.117 $\pm$ 0.001 χ^2 /NDF: 11260.7/83

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -18.567 $\pm$ 0.040 χ^2 /NDF:86379.8/24

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -17.335 $\pm$ 0.039 χ^2 /NDF:44078.7/22

Left: -17.936 $\pm$ 0.028 χ^2 /NDF: 130941.9/47

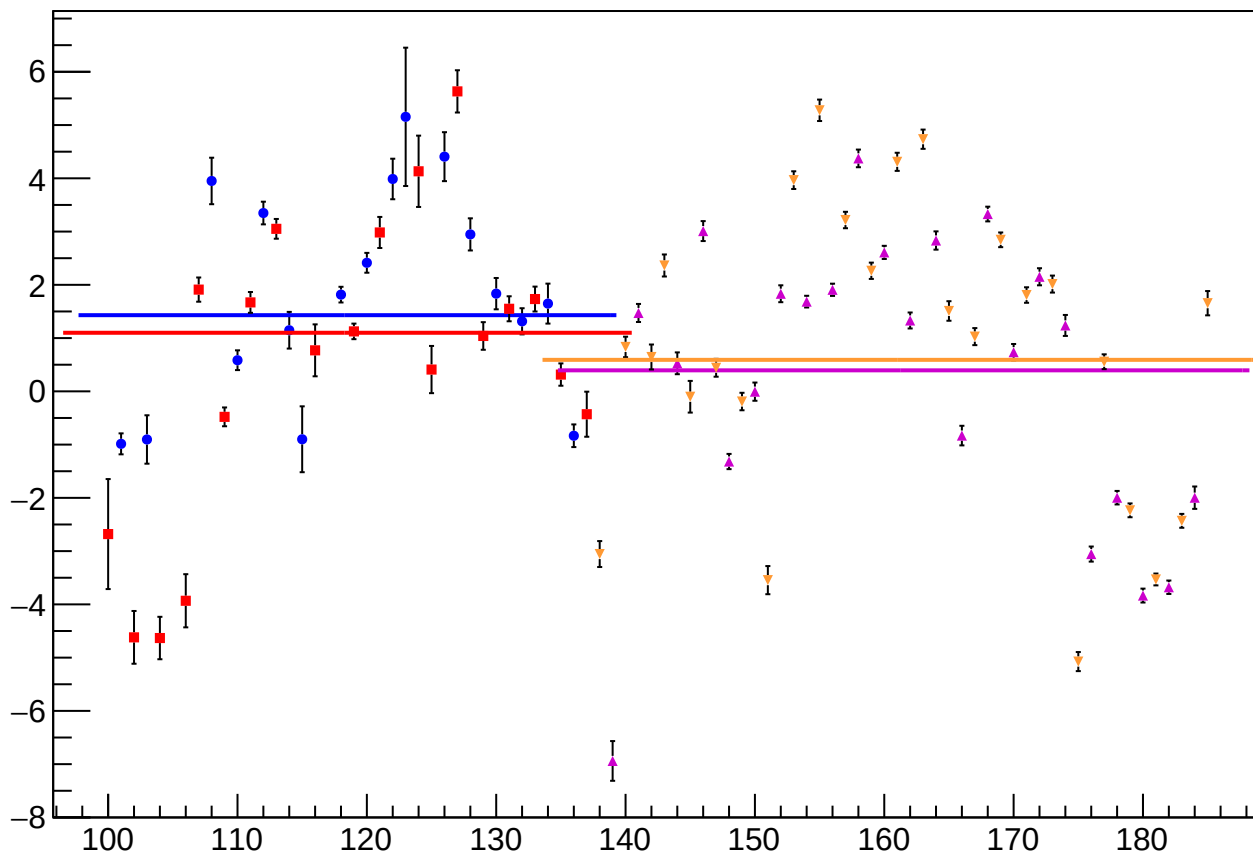
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -17.335 $\pm$ 0.039 χ^2 /NDF:44078.7/22

Out: -18.567 $\pm$ 0.040 χ^2 /NDF:86379.8/24

All: -17.936 $\pm$ 0.028 χ^2 /NDF: 130941.9/47

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 $\pm$ 0.063 χ^2 /NDF: 598.0/16

Left Out: 0.591 $\pm$ 0.033 χ^2 /NDF: 6797.0/24

Right Out: 1.100 $\pm$ 0.060 χ^2 /NDF: 901.0/18

Left In: 0.394 $\pm$ 0.032 χ^2 /NDF: 6112.7/22

Left: 0.488 $\pm$ 0.023 χ^2 /NDF: 12928.1/47

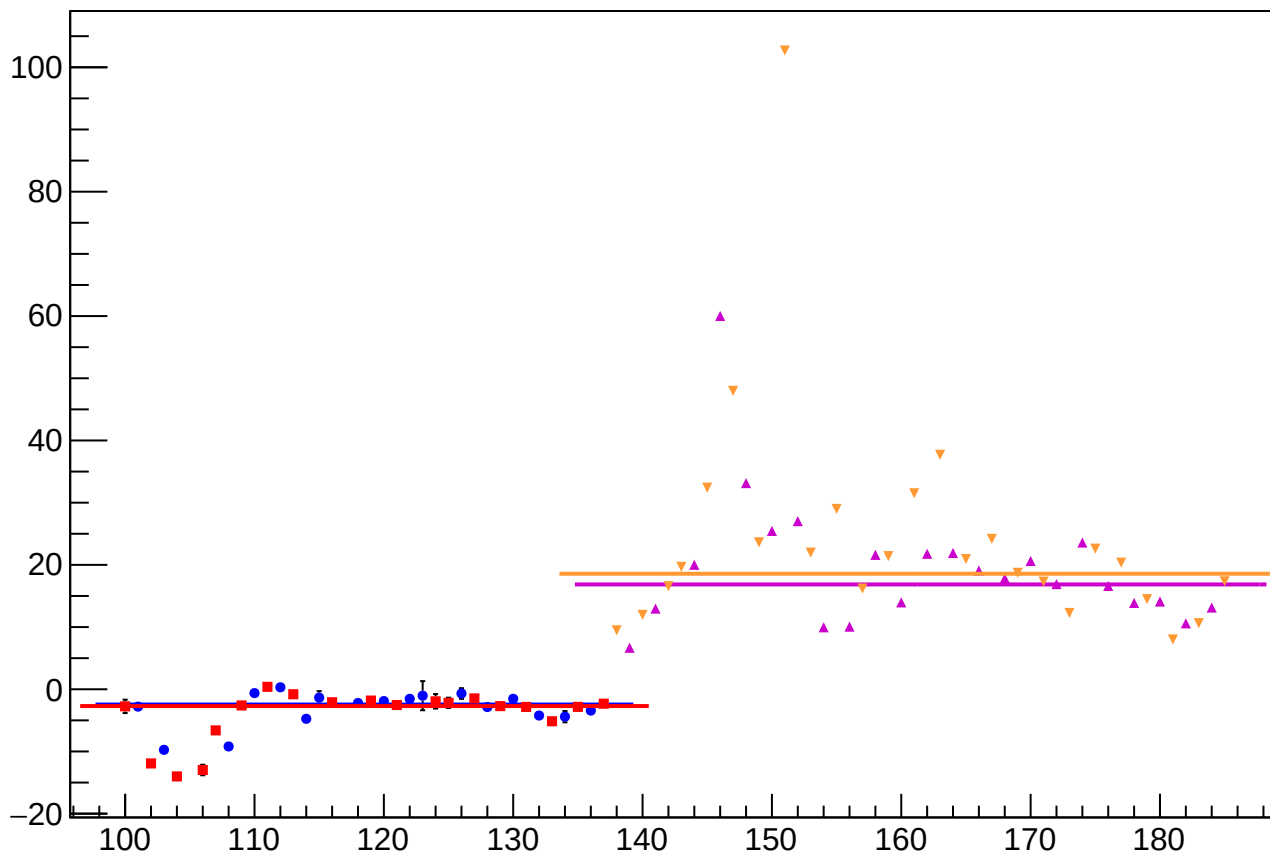
Right: 1.257 $\pm$ 0.043 χ^2 /NDF: 1513.6/35

In: 0.604 $\pm$ 0.028 χ^2 /NDF: 6927.7/39

Out: 0.711 $\pm$ 0.029 χ^2 /NDF: 7753.0/43

All: 0.656 $\pm$ 0.020 χ^2 /NDF: 14687.8/83

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456 ± 0.115 $\chi^2/\text{NDF}: 419.1/16$

Left Out: 18.573 ± 0.040 $\chi^2/\text{NDF}: 76019.0/24$

Right Out: -2.700 ± 0.103 $\chi^2/\text{NDF}: 829.7/18$

Left In: 16.854 ± 0.039 $\chi^2/\text{NDF}: 40590.0/22$

Left: 17.682 ± 0.028 $\chi^2/\text{NDF}: 117555.3/47$

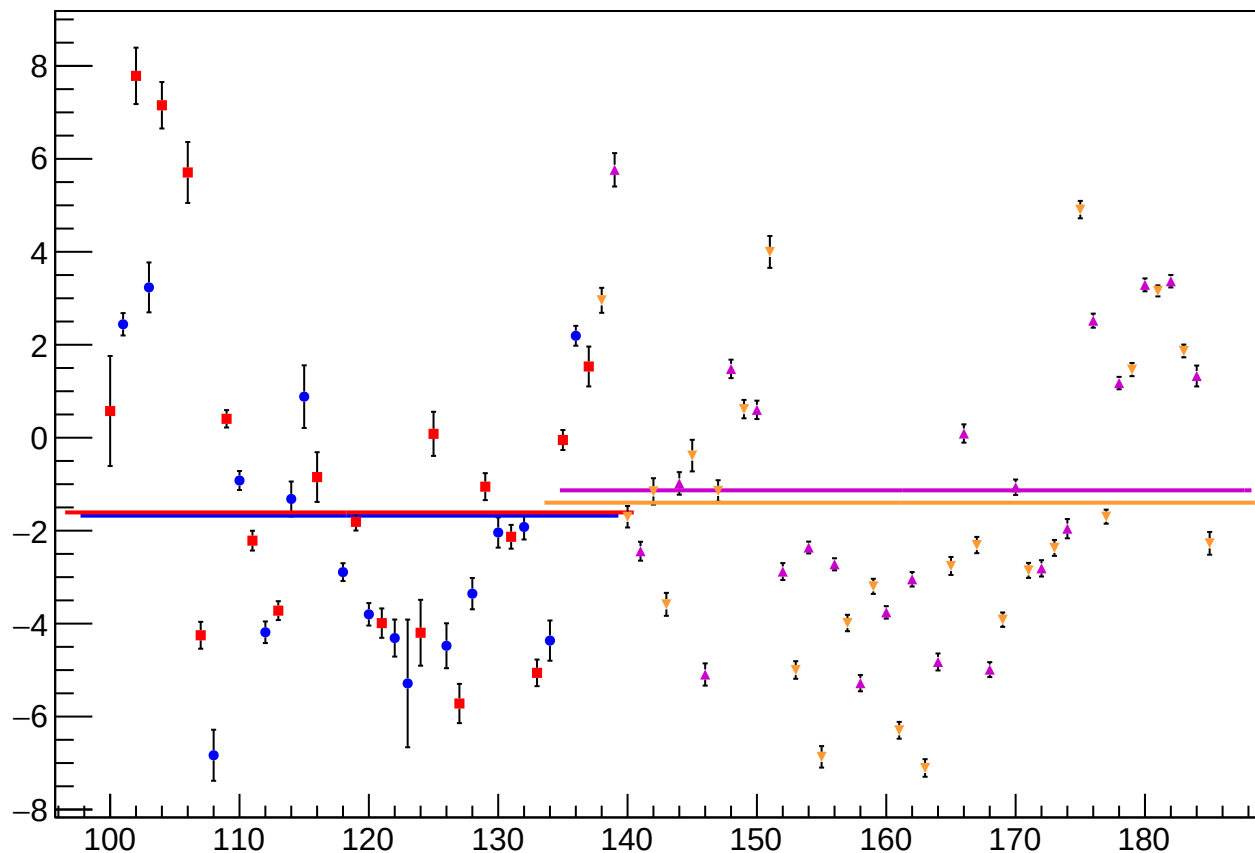
Right: -2.591 ± 0.077 $\chi^2/\text{NDF}: 1251.4/35$

In: 14.870 ± 0.037 $\chi^2/\text{NDF}: 66501.7/39$

Out: 15.759 ± 0.037 $\chi^2/\text{NDF}: 113802.0/43$

All: 15.305 ± 0.026 $\chi^2/\text{NDF}: 180591.1/83$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -1.398 ± 0.037 $\chi^2/\text{NDF}: 7652.8/24$

Right Out: -1.607 ± 0.068 $\chi^2/\text{NDF}: 1430.8/18$

Left In: -1.132 ± 0.035 $\chi^2/\text{NDF}: 6638.3/22$

Left: -1.258 ± 0.025 $\chi^2/\text{NDF}: 14318.2/47$

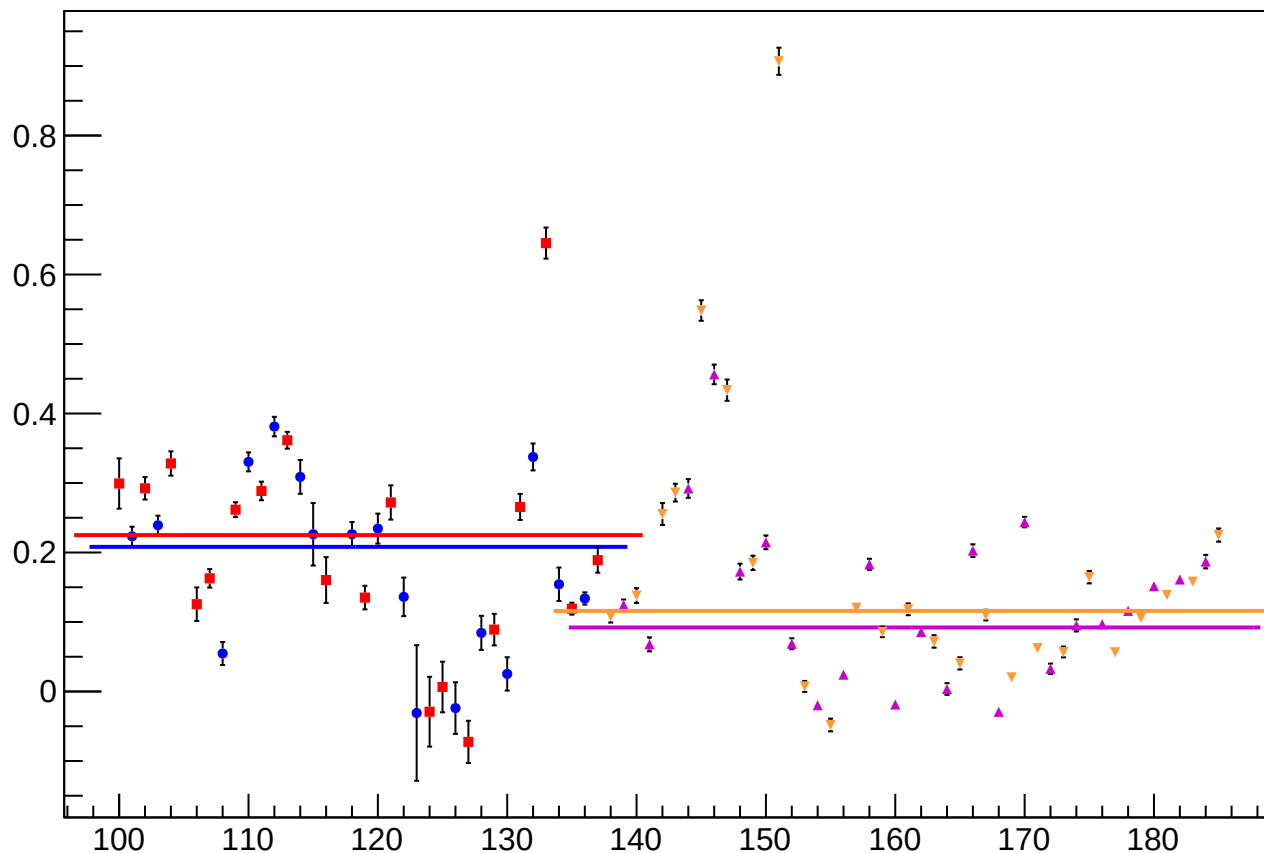
Right: -1.640 ± 0.050 $\chi^2/\text{NDF}: 2636.0/35$

In: -1.236 ± 0.032 $\chi^2/\text{NDF}: 7888.8/39$

Out: -1.446 ± 0.032 $\chi^2/\text{NDF}: 9090.9/43$

All: -1.338 ± 0.023 $\chi^2/\text{NDF}: 17001.1/83$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 $\chi^2/\text{NDF}: 600.2/16$
 Left Out: 0.116 ± 0.002 $\chi^2/\text{NDF}: 4463.0/24$
 Right Out: 0.225 ± 0.004 $\chi^2/\text{NDF}: 1000.0/18$
 Left In: 0.092 ± 0.002 $\chi^2/\text{NDF}: 3632.6/22$

Left: 0.103 ± 0.001 $\chi^2/\text{NDF}: 8206.8/47$
 Right: 0.217 ± 0.003 $\chi^2/\text{NDF}: 1609.0/35$
 In: 0.106 ± 0.001 $\chi^2/\text{NDF}: 4887.1/39$
 Out: 0.133 ± 0.002 $\chi^2/\text{NDF}: 6146.9/43$
 All: 0.119 ± 0.001 $\chi^2/\text{NDF}: 11204.7/83$