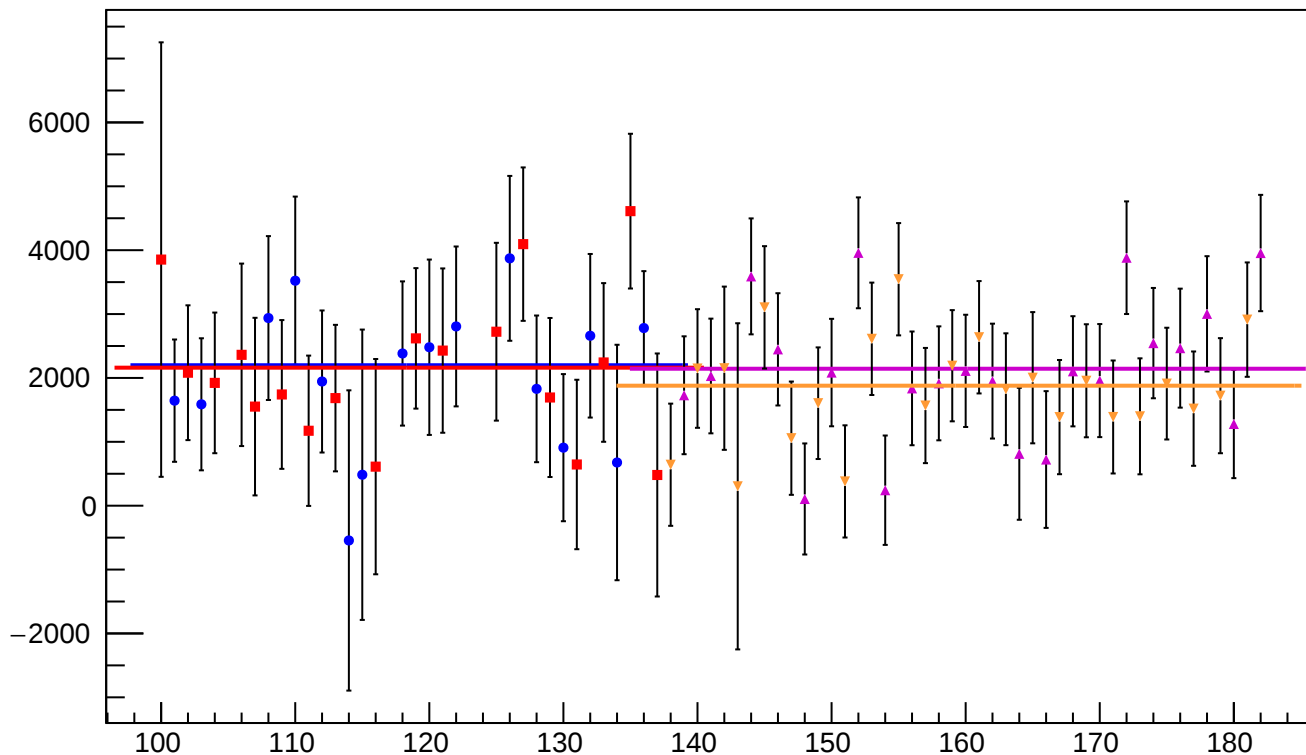


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1878.704+/-193.448

Right Out: 2160.742+/-303.587

Left In: 2144.068+/-190.906

χ^2/NDF : 8.6/15

χ^2/NDF : 15.4/22

χ^2/NDF : 11.7/17

χ^2/NDF : 31.5/21

Left: 2013.141+/-135.880

Right: 2179.612+/-215.784

In: 2159.369+/-162.083

Out: 1960.150+/-163.142

All: 2060.408+/-114.983

χ^2/NDF : 47.9/44

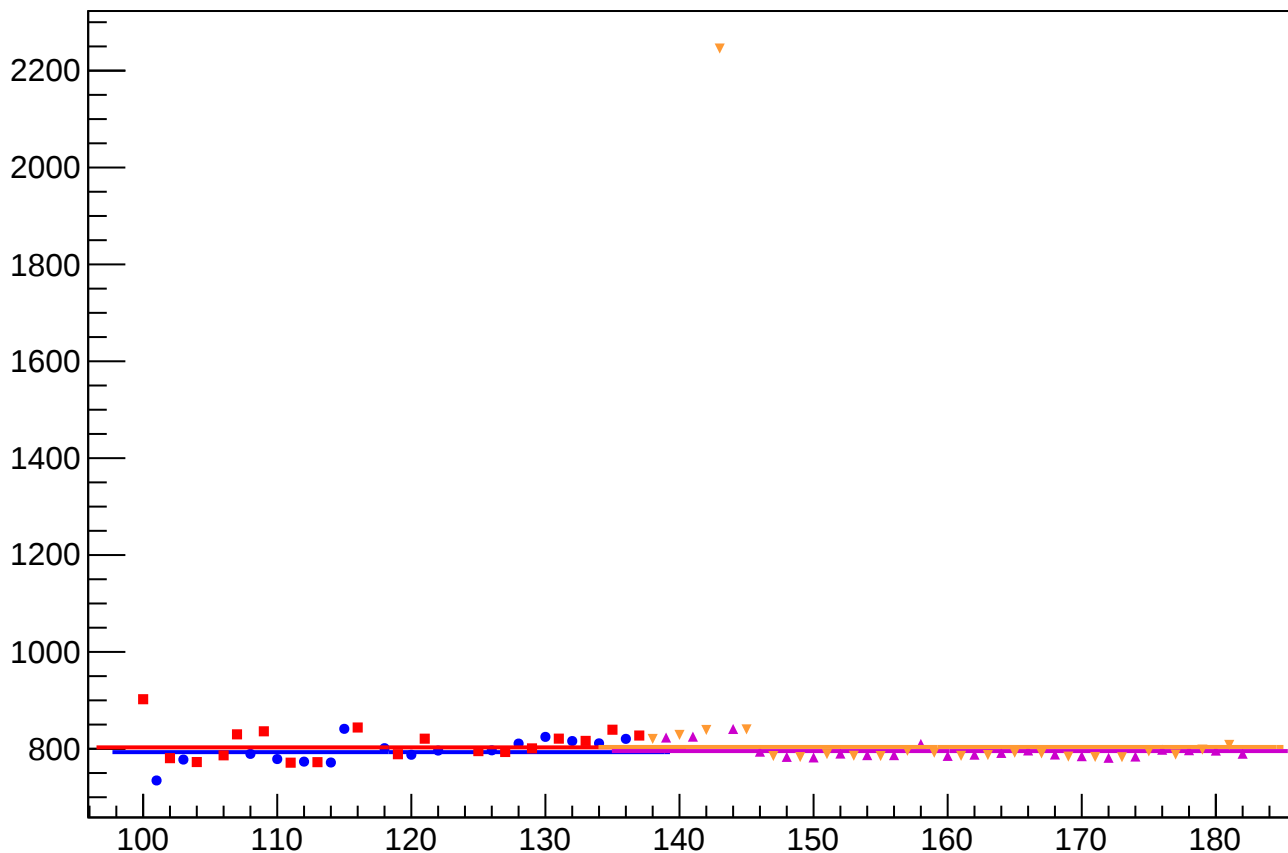
χ^2/NDF : 20.3/33

χ^2/NDF : 40.1/37

χ^2/NDF : 27.7/40

χ^2/NDF : 68.6/78

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 803.807 ± 0.137 χ^2/NDF : 655699.4/22

Right Out: 802.946 ± 0.215 χ^2/NDF : 14445.6/17

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

Left: 799.489 ± 0.096 χ^2/NDF : 670389.2/44

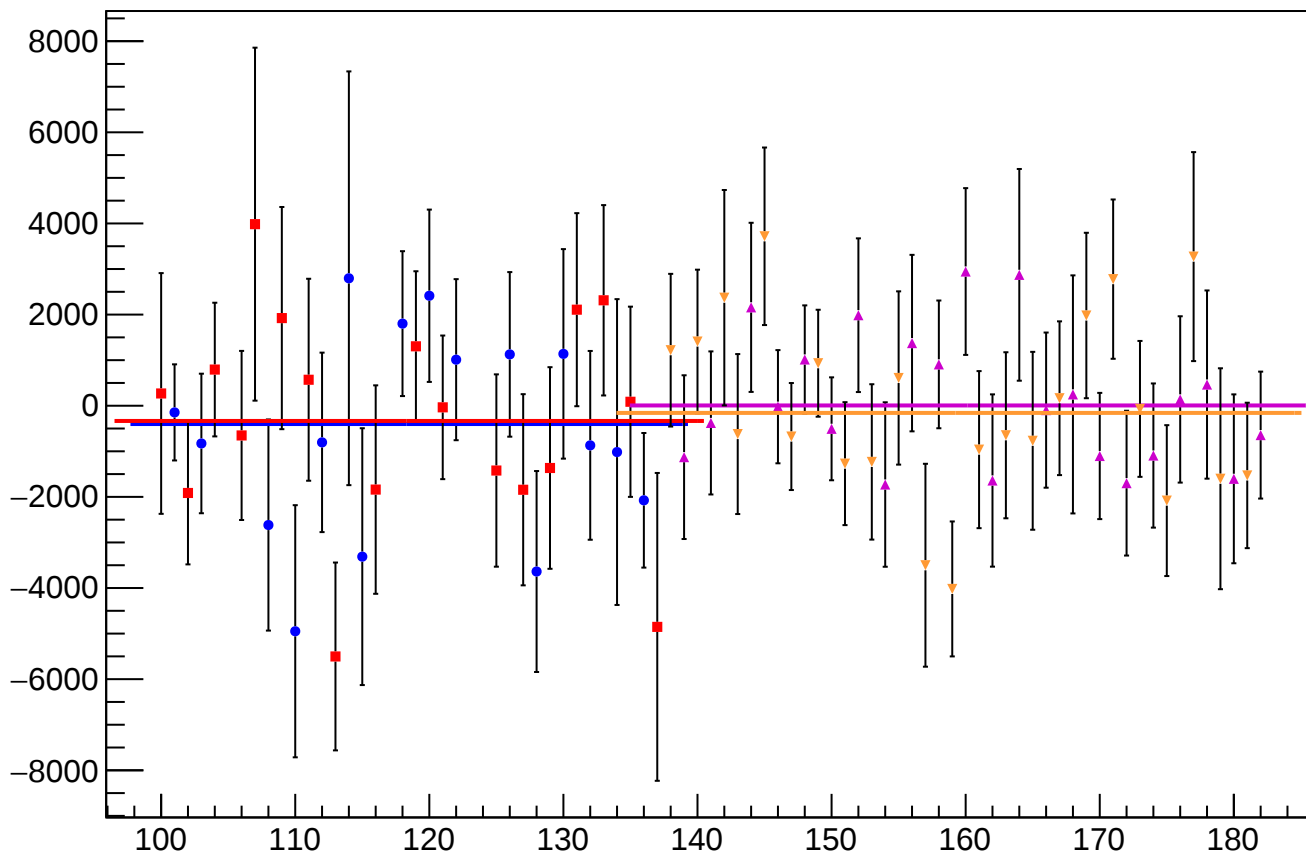
Right: 798.070 ± 0.153 χ^2/NDF : 30191.5/33

In: 794.671 ± 0.115 χ^2/NDF : 27499.1/37

Out: 803.559 ± 0.115 χ^2/NDF : 670156.4/40

All: 799.086 ± 0.081 χ^2/NDF : 700642.6/78

asym_us_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.464+/-468.669 χ^2/NDF : 14.8/15

Left Out: -157.338+/-348.024 χ^2/NDF : 27.5/22

Right Out: -333.998+/-478.476 χ^2/NDF : 17.5/17

Left In: 6.133+/-343.067 χ^2/NDF : 14.1/21

Left: -74.430+/-244.319 χ^2/NDF : 41.8/44

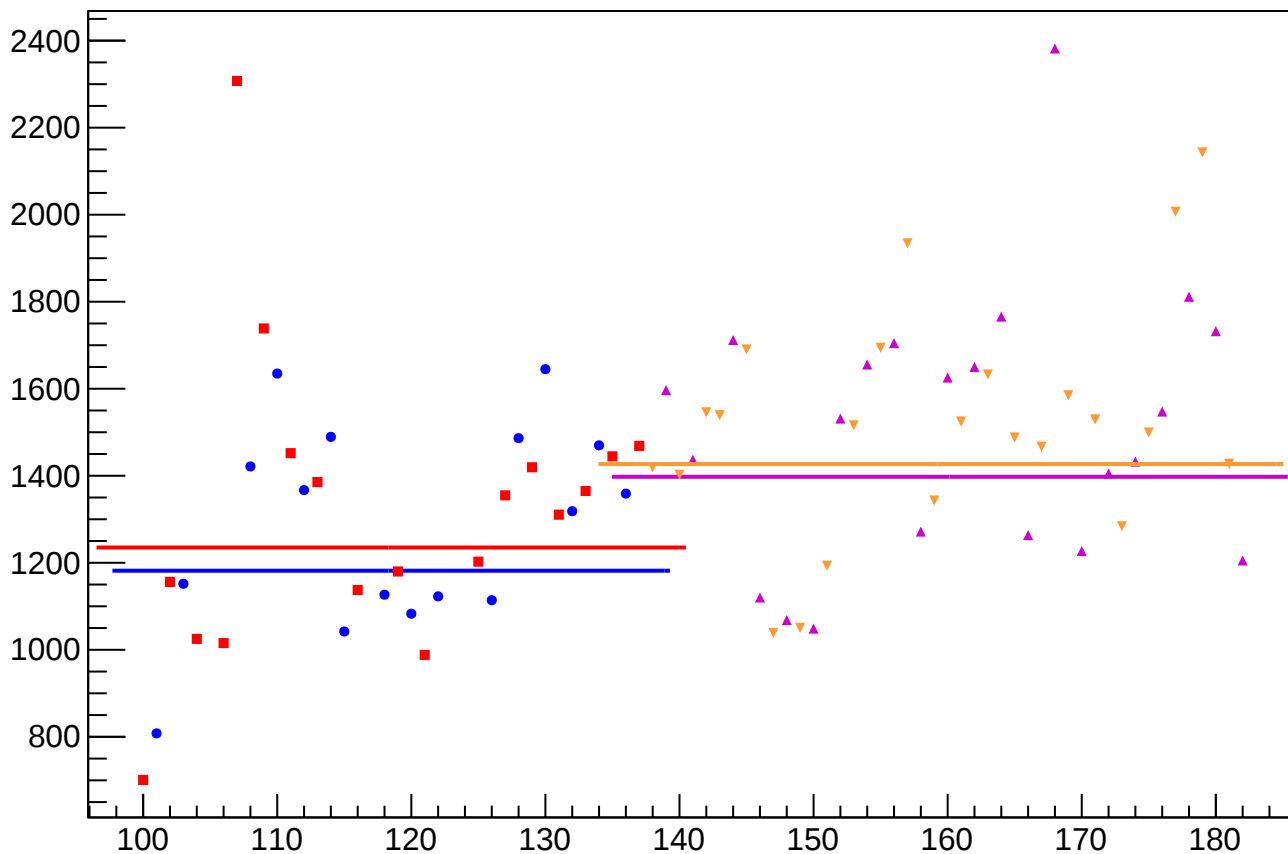
Right: -368.430+/-334.812 χ^2/NDF : 32.3/33

In: -136.071+/-276.826 χ^2/NDF : 29.4/37

Out: -218.462+/-281.448 χ^2/NDF : 45.1/40

All: -176.585+/-197.360 χ^2/NDF : 74.6/78

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1426.957 $\pm$ 0.246 χ^2 /NDF: 1072188.5/22

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

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

Left: 1412.086 $\pm$ 0.173 χ^2 /NDF: 2368988.5/44

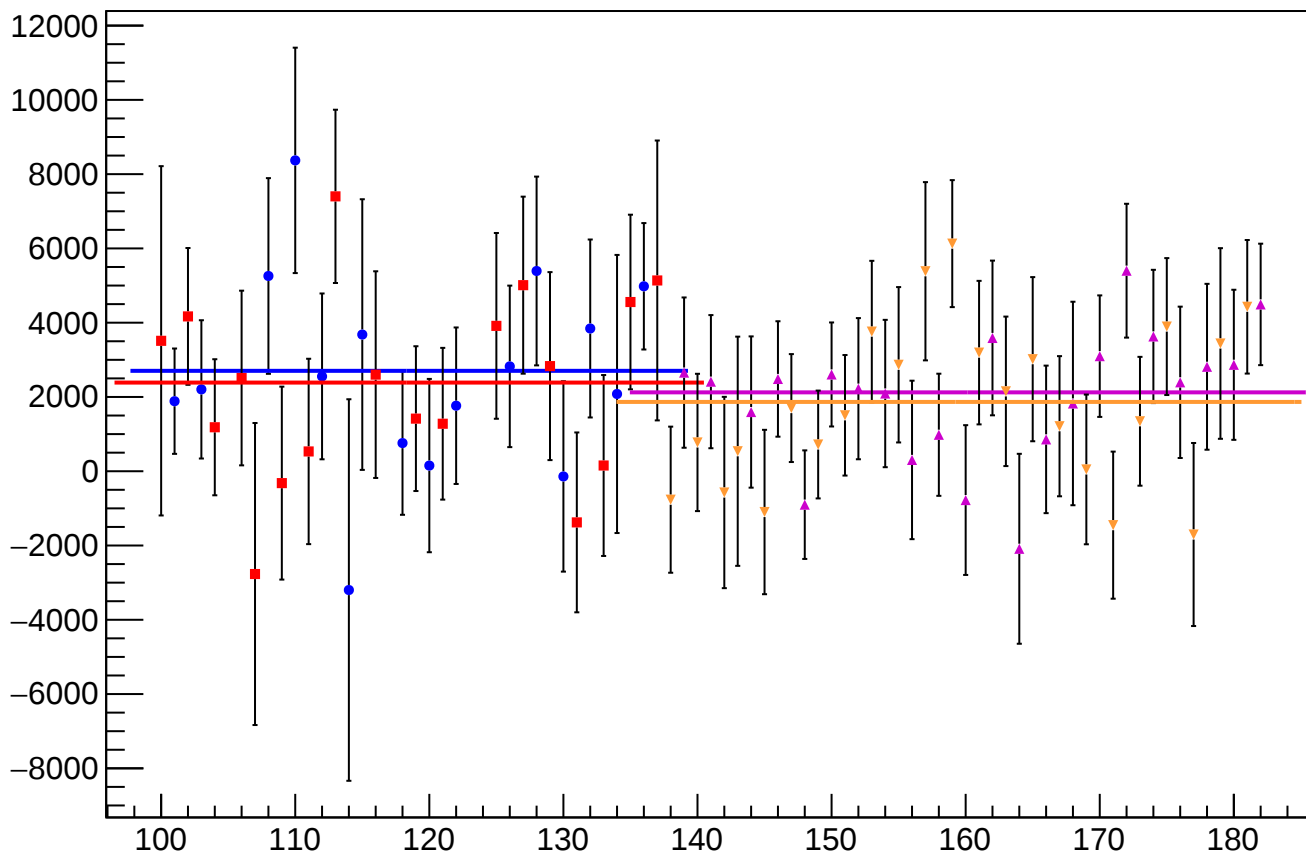
Right: 1207.878 $\pm$ 0.237 χ^2 /NDF: 1096424.2/33

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

Out: 1360.572 $\pm$ 0.199 χ^2 /NDF: 1822756.0/40

All: 1341.131 $\pm$ 0.140 χ^2 /NDF: 3950898.5/78

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1866.436 $\pm$ 404.501 χ^2 /NDF: 25.6/22

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

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

Left: 1997.917 $\pm$ 282.969 χ^2 /NDF: 44.0/44

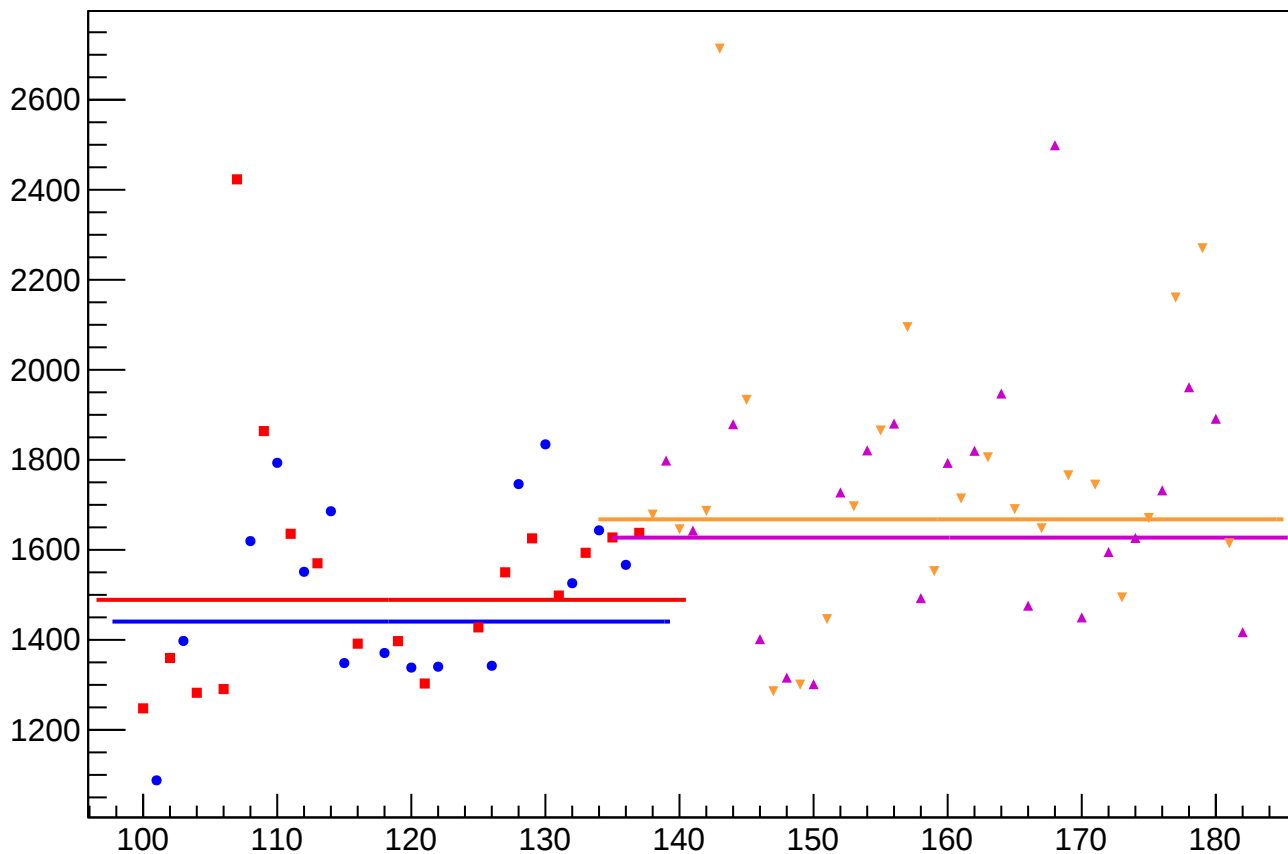
Right: 2546.843 $\pm$ 400.838 χ^2 /NDF: 29.3/33

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

Out: 2041.203 $\pm$ 329.735 χ^2 /NDF: 42.2/40

All: 2180.492 $\pm$ 231.170 χ^2 /NDF: 74.6/78

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1667.801 $\pm$ 0.286 χ^2 /NDF: 883445.8/22

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

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

Left: 1647.047 $\pm$ 0.200 χ^2 /NDF: 1663404.1/44

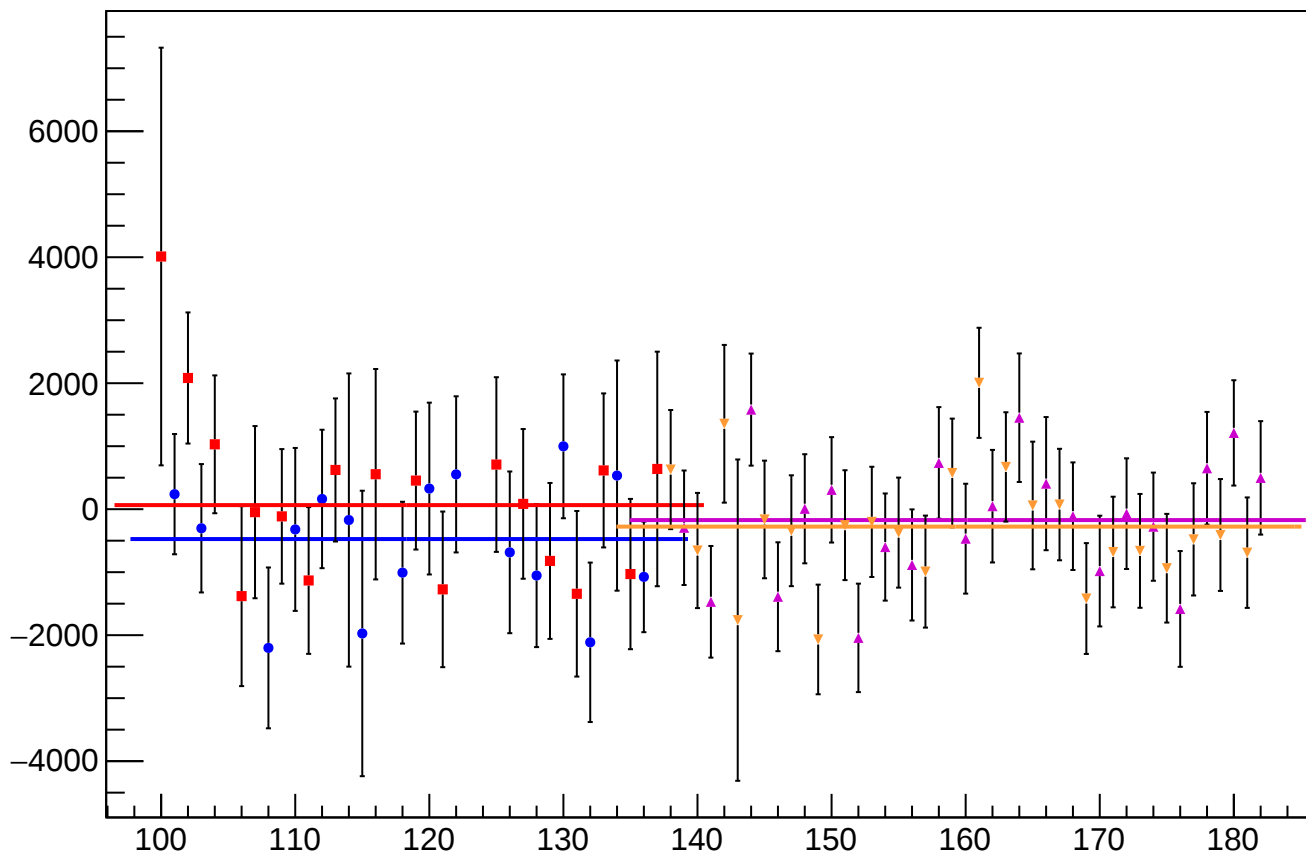
Right: 1464.596 $\pm$ 0.283 χ^2 /NDF: 546361.9/33

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

Out: 1607.793 $\pm$ 0.233 χ^2 /NDF: 1271480.1/40

All: 1586.363 $\pm$ 0.163 χ^2 /NDF: 2486314.9/78

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -276.723 $\pm$ 191.463 χ^2/NDF : 20.3/22

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

Left In: -172.901 $\pm$ 189.054 χ^2/NDF : 25.5/21

Left: -224.155 $\pm$ 134.525 χ^2/NDF : 45.9/44

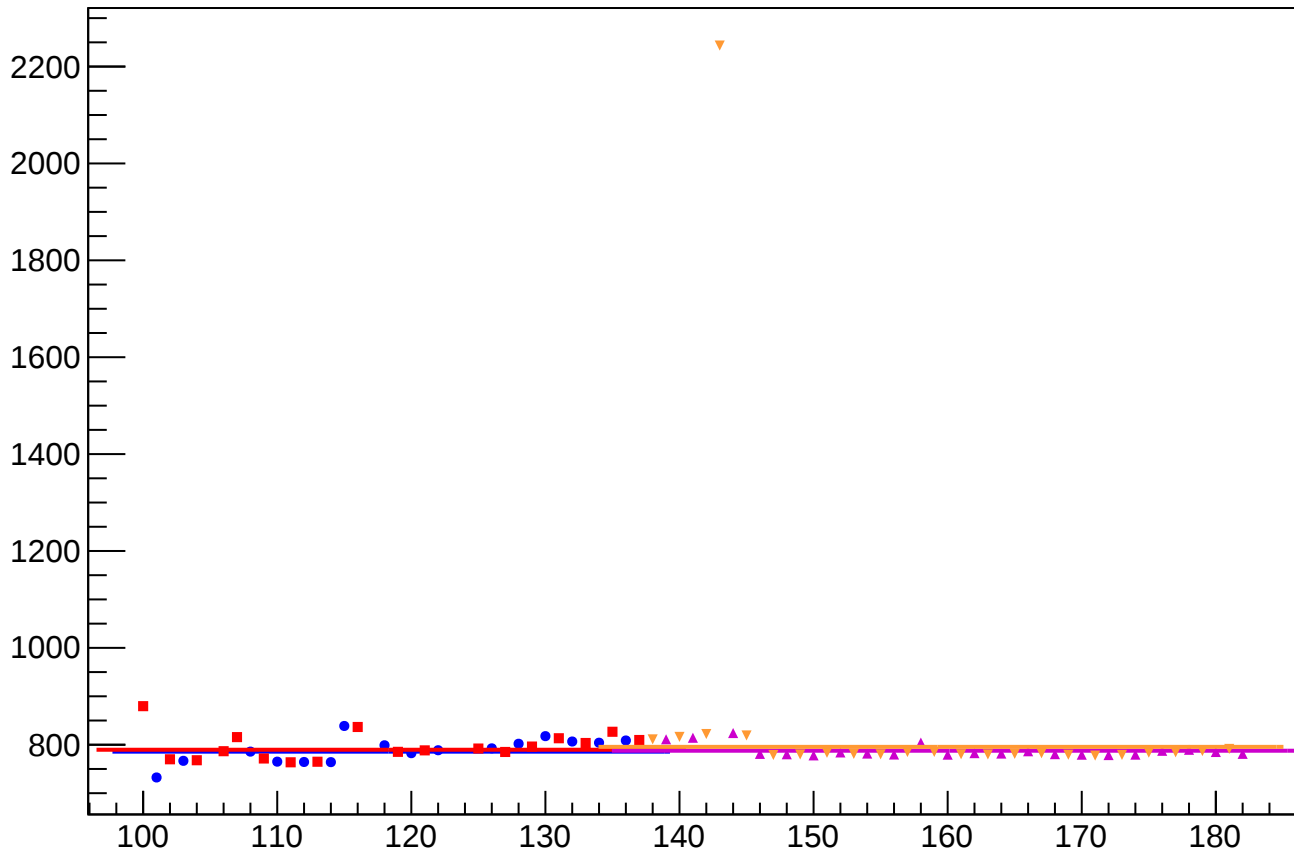
Right: -199.789 $\pm$ 212.921 χ^2/NDF : 23.2/33

In: -256.946 $\pm$ 160.529 χ^2/NDF : 35.0/37

Out: -177.156 $\pm$ 161.144 χ^2/NDF : 33.9/40

All: -217.203 $\pm$ 113.728 χ^2/NDF : 69.1/78

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 795.630 $\pm$ 0.135 χ^2 /NDF: 656903.9/22

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

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

Left: 791.590 $\pm$ 0.095 χ^2 /NDF: 667857.0/44

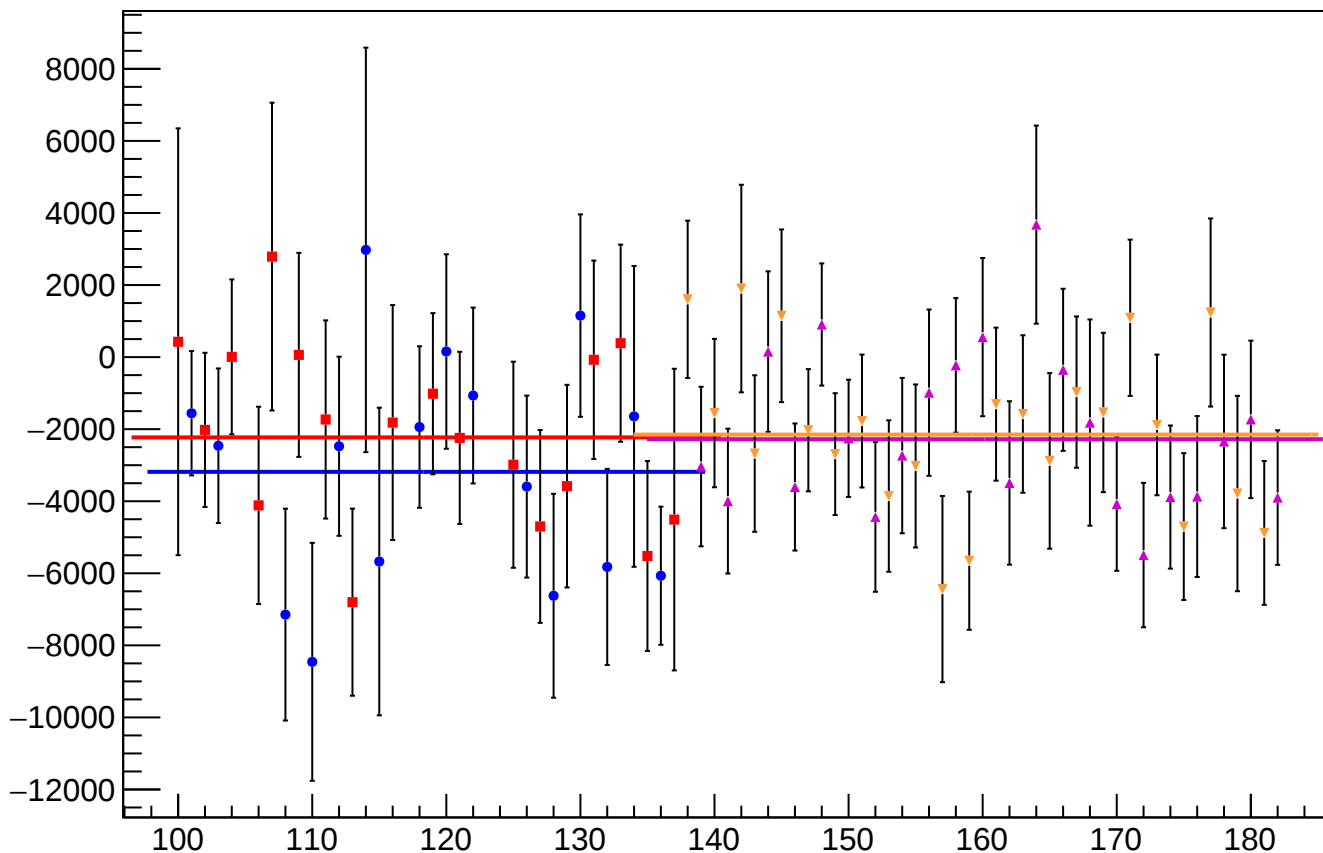
Right: 787.746 $\pm$ 0.151 χ^2 /NDF: 25101.7/33

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

Out: 793.893 $\pm$ 0.114 χ^2 /NDF: 668478.1/40

All: 790.493 $\pm$ 0.080 χ^2 /NDF: 693424.4/78

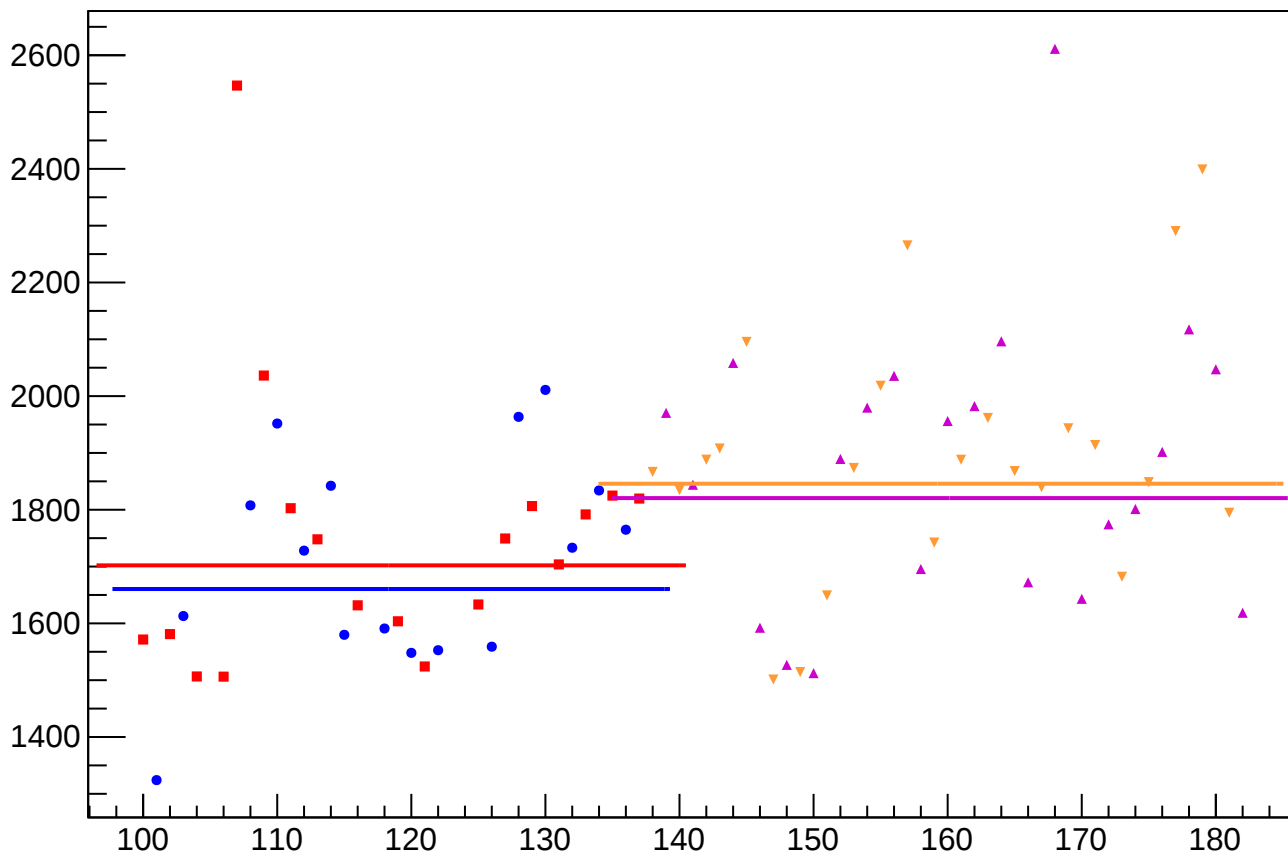
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$
 Left Out: -2149.967 ± 444.219 $\chi^2/\text{NDF}: 22.5/22$
 Right Out: -2228.093 ± 648.044 $\chi^2/\text{NDF}: 11.8/17$
 Left In: -2278.807 ± 441.122 $\chi^2/\text{NDF}: 21.7/21$

Left: -2214.837 ± 313.010 $\chi^2/\text{NDF}: 44.2/44$
 Right: -2706.812 ± 457.995 $\chi^2/\text{NDF}: 29.7/33$
 In: -2566.002 ± 364.536 $\chi^2/\text{NDF}: 39.8/37$
 Out: -2174.941 ± 366.401 $\chi^2/\text{NDF}: 34.3/40$
 All: -2371.470 ± 258.423 $\chi^2/\text{NDF}: 74.6/78$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1845.821 $\pm$ 0.314 χ^2 /NDF: 445944.7/22

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

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

Left: 1833.077 $\pm$ 0.221 χ^2 /NDF: 983007.9/44

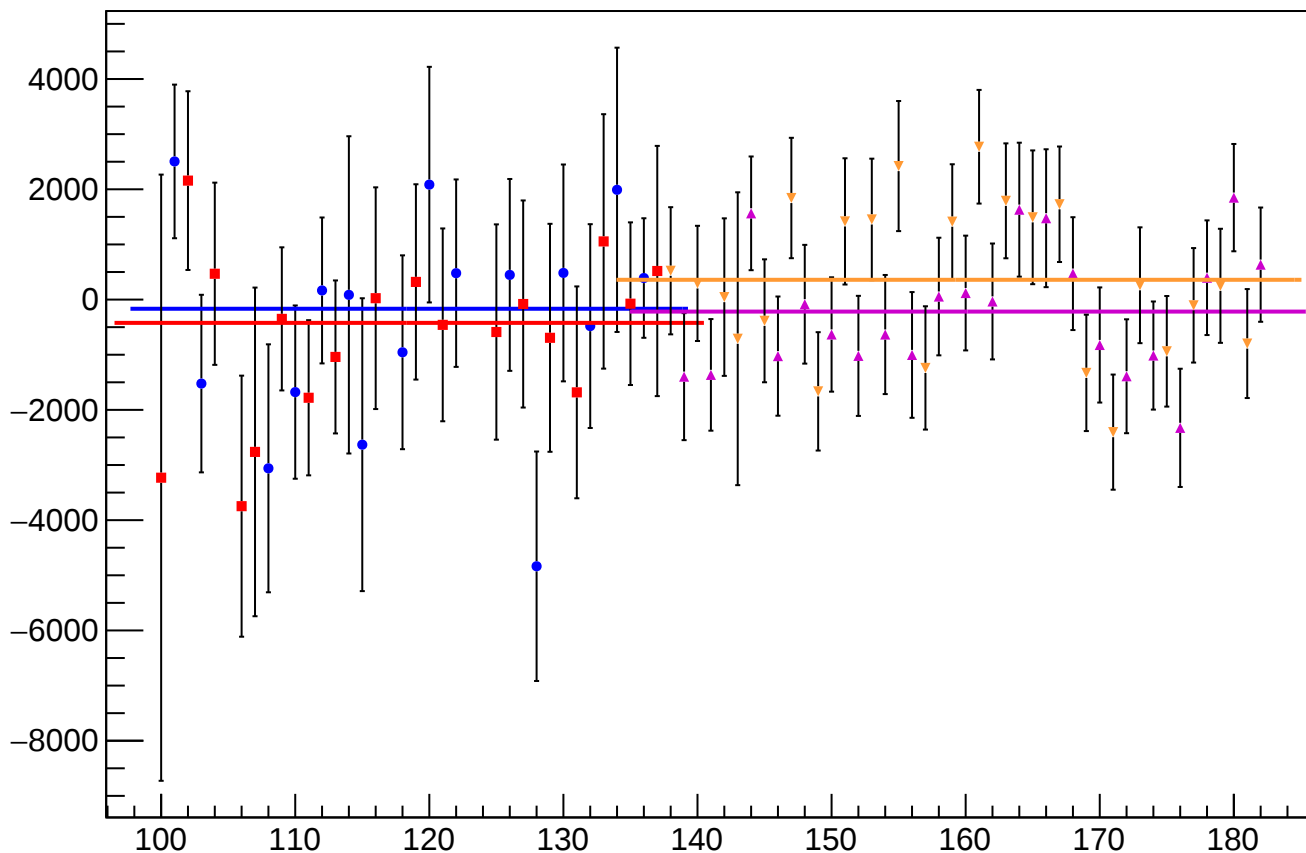
Right: 1681.258 $\pm$ 0.324 χ^2 /NDF: 355346.8/33

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

Out: 1799.877 $\pm$ 0.259 χ^2 /NDF: 684878.4/40

All: 1784.742 $\pm$ 0.183 χ^2 /NDF: 1488153.7/78

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 358.817 ± 230.031 χ^2/NDF : 36.8/22

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

Left In: -217.648 ± 226.752 χ^2/NDF : 23.7/21

Left: 66.447 ± 161.485 χ^2/NDF : 63.7/44

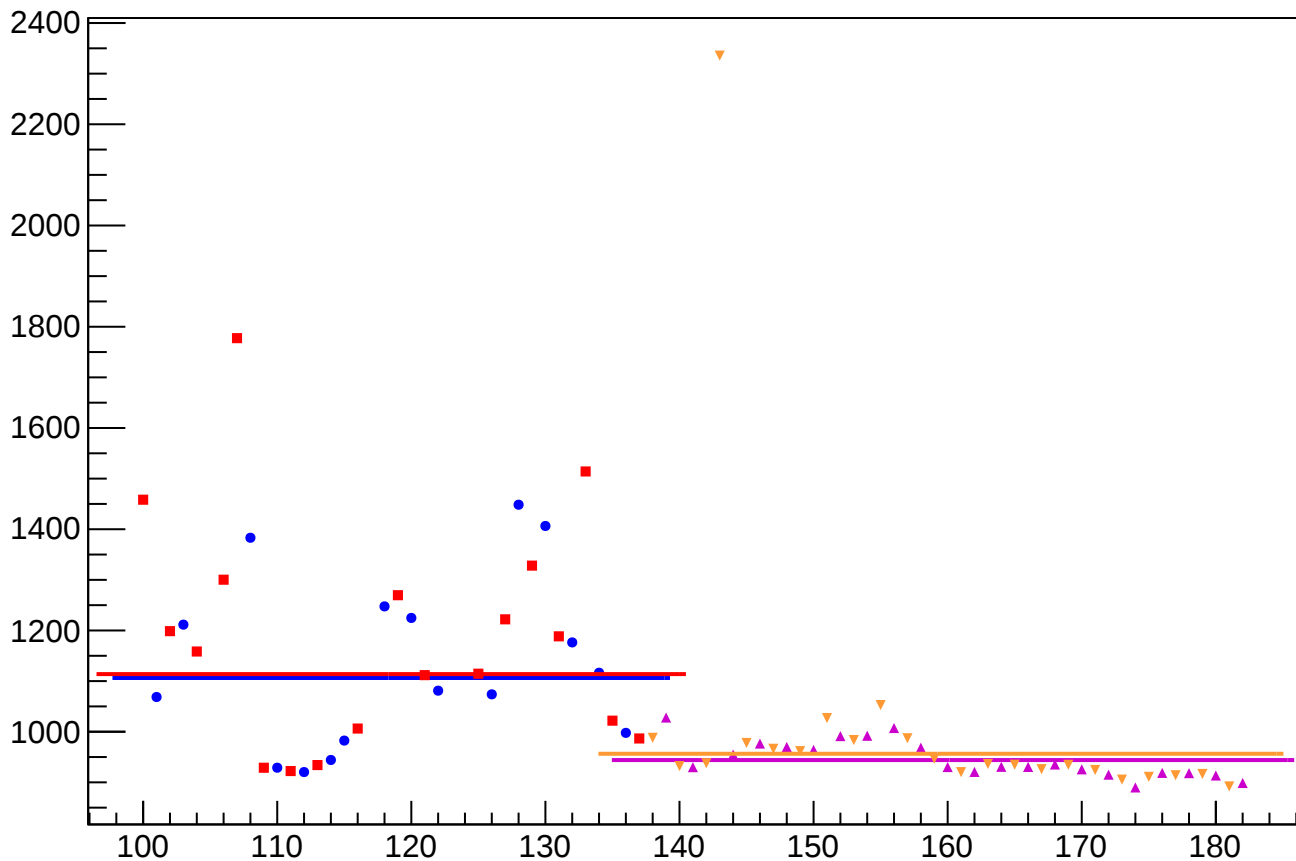
Right: -295.954 ± 304.038 χ^2/NDF : 24.0/33

In: -206.597 ± 200.843 χ^2/NDF : 39.3/37

Out: 183.309 ± 202.549 χ^2/NDF : 47.6/40

All: -13.293 ± 142.617 χ^2/NDF : 88.8/78

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 956.451 ± 0.163 $\chi^2/\text{NDF}: 599141.4/22$

Right Out: 1113.821 ± 0.302 $\chi^2/\text{NDF}: 364293.1/17$

Left In: 944.011 ± 0.160 $\chi^2/\text{NDF}: 48296.1/21$

Left: 950.142 ± 0.114 $\chi^2/\text{NDF}: 650404.0/44$

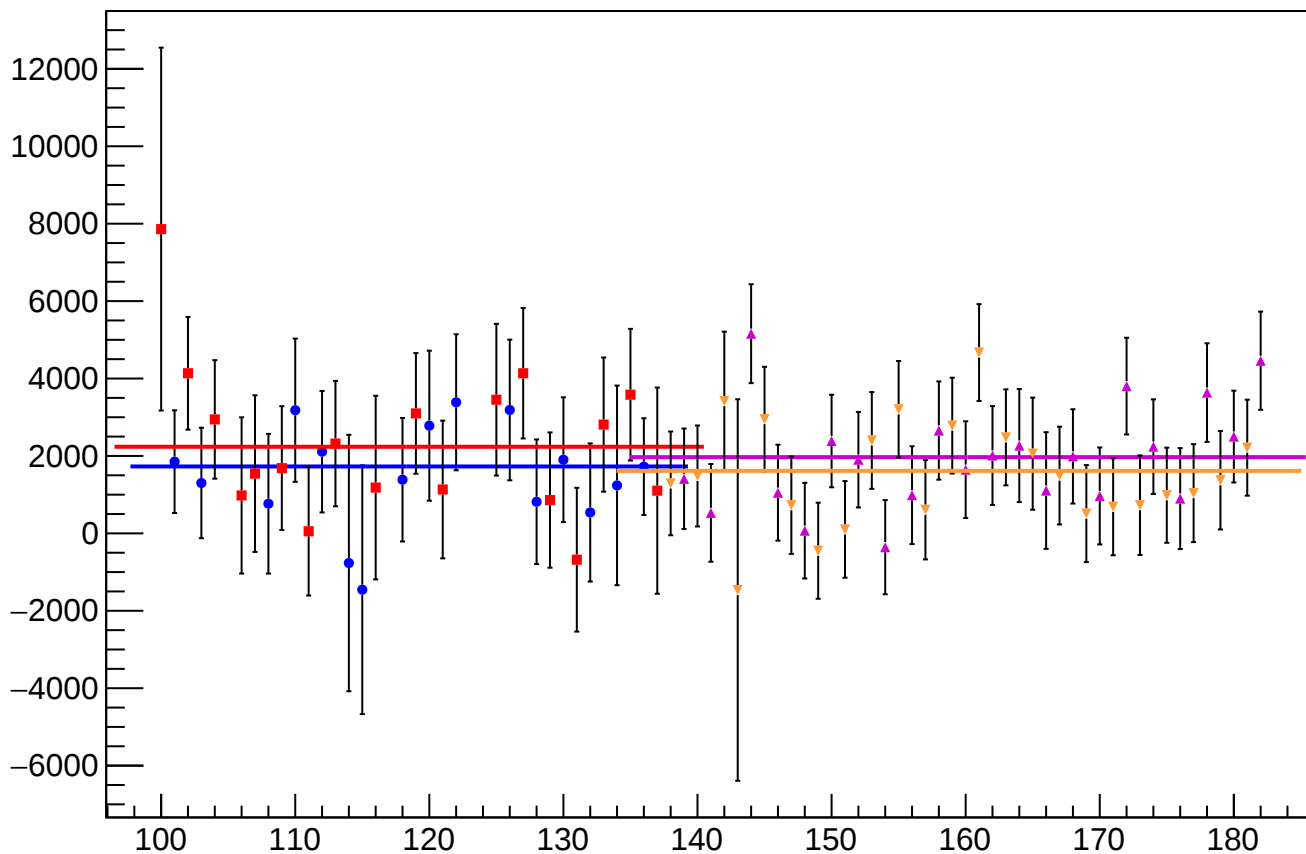
Right: 1110.038 ± 0.215 $\chi^2/\text{NDF}: 624528.4/33$

In: 978.949 ± 0.142 $\chi^2/\text{NDF}: 528572.4/37$

Out: 991.808 ± 0.143 $\chi^2/\text{NDF}: 1173739.8/40$

All: 985.324 ± 0.101 $\chi^2/\text{NDF}: 1706376.8/78$

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1614.880 $\pm$ 273.824 χ^2 /NDF:19.8/22

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

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

Left: 1794.801 $\pm$ 192.166 χ^2 /NDF: 45.7/44

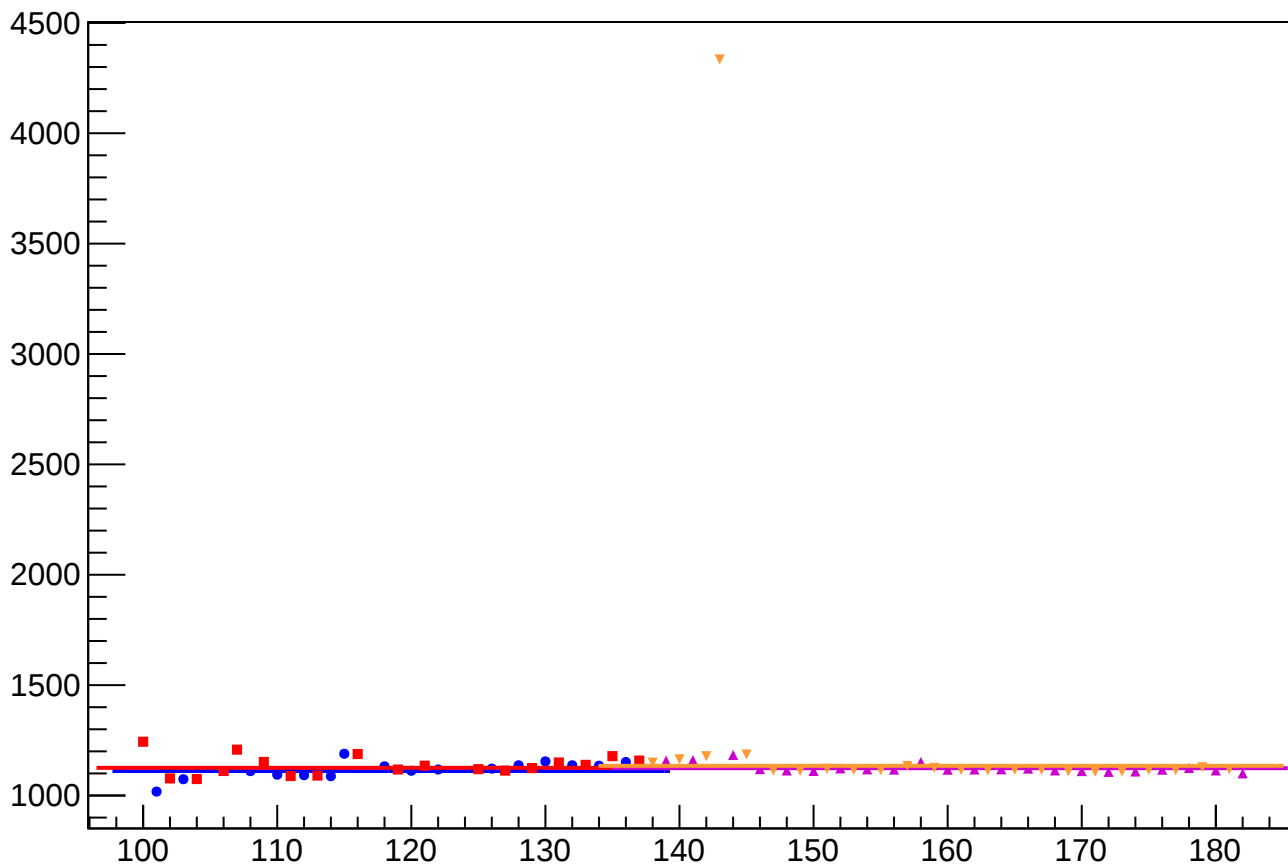
Right: 1985.660 $\pm$ 302.369 χ^2 /NDF: 18.3/33

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

Out: 1797.297 $\pm$ 230.257 χ^2 /NDF:33.6/40

All: 1849.711 $\pm$ 162.184 χ^2 /NDF: 64.2/78

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1134.543+/-0.194 χ^2/NDF : 856512.5/22

Right Out: 1125.496+/-0.301 χ^2/NDF : 15880.9/17

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

Left: 1129.081+/-0.136 χ^2/NDF : 869056.1/44

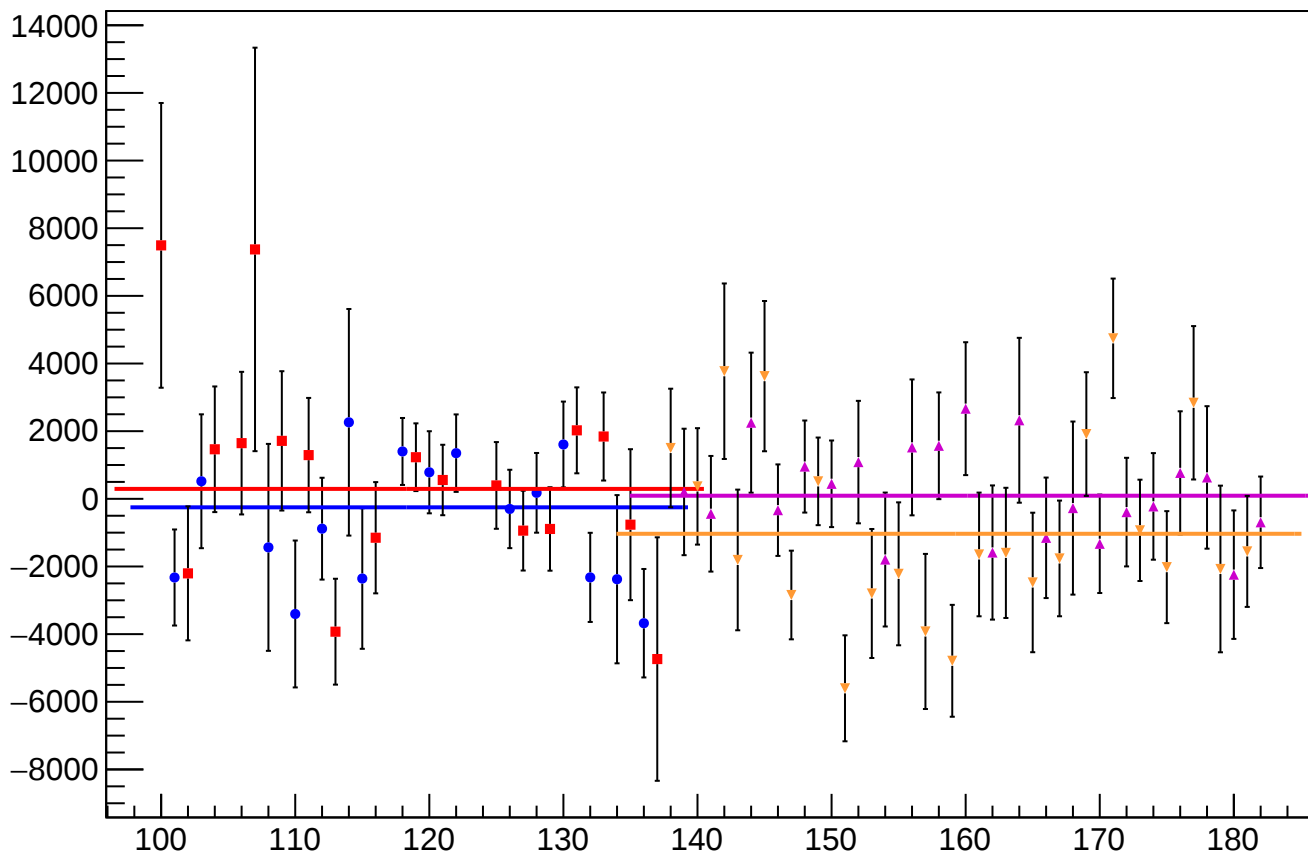
Right: 1118.342+/-0.214 χ^2/NDF : 35114.3/33

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

Out: 1131.893+/-0.163 χ^2/NDF : 873032.9/40

All: 1125.992+/-0.115 χ^2/NDF : 905967.4/78

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1033.382 ± 372.840 χ^2/NDF : 48.2/22

Right Out: 293.658 ± 362.490 χ^2/NDF : 24.0/17

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

Left: -457.803 ± 260.591 χ^2/NDF : 64.1/44

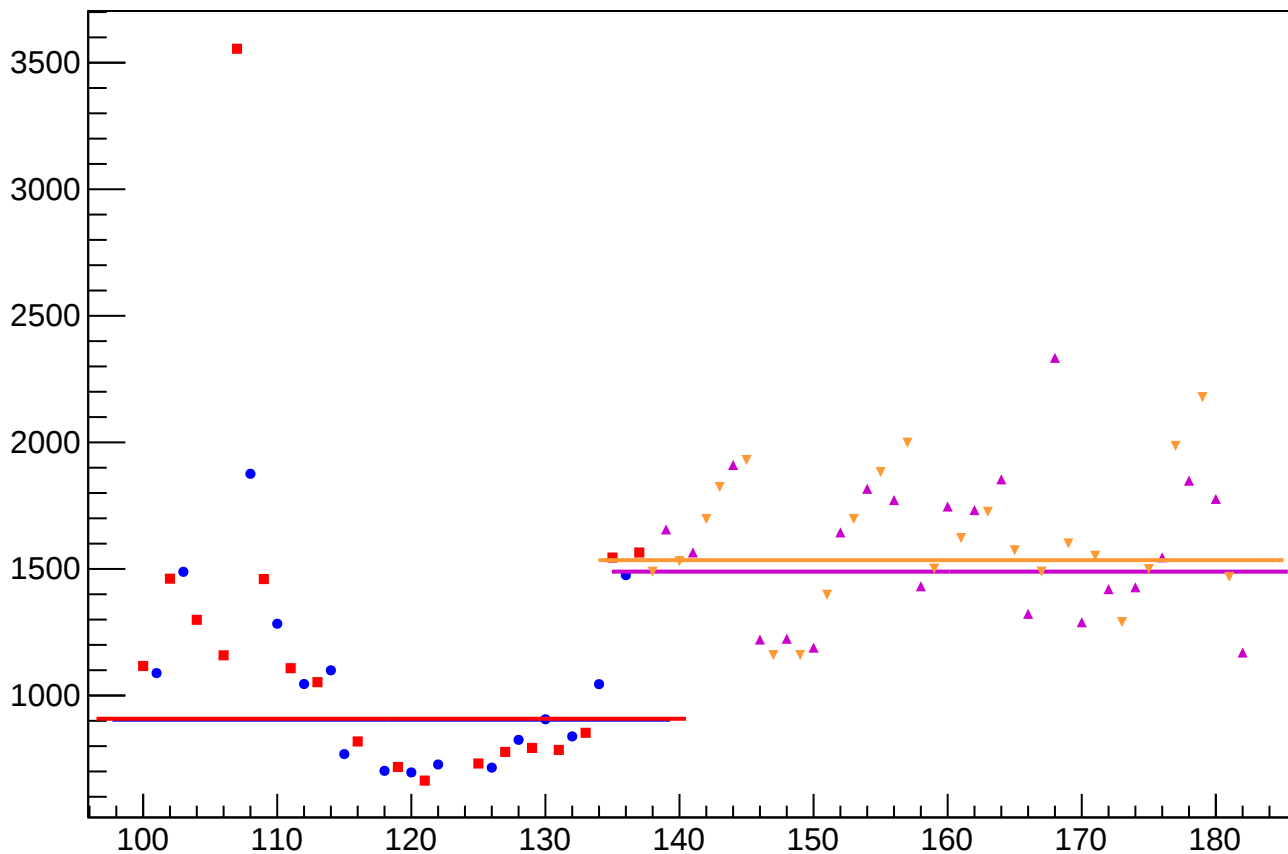
Right: 23.010 ± 257.185 χ^2/NDF : 47.0/33

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

Out: -351.187 ± 259.901 χ^2/NDF : 78.7/40

All: -214.233 ± 183.049 χ^2/NDF : 112.8/78

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1534.796+/-0.264 χ^2/NDF : 912333.1/22

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

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

Left: 1511.606+/-0.184 χ^2/NDF : 2012957.5/44

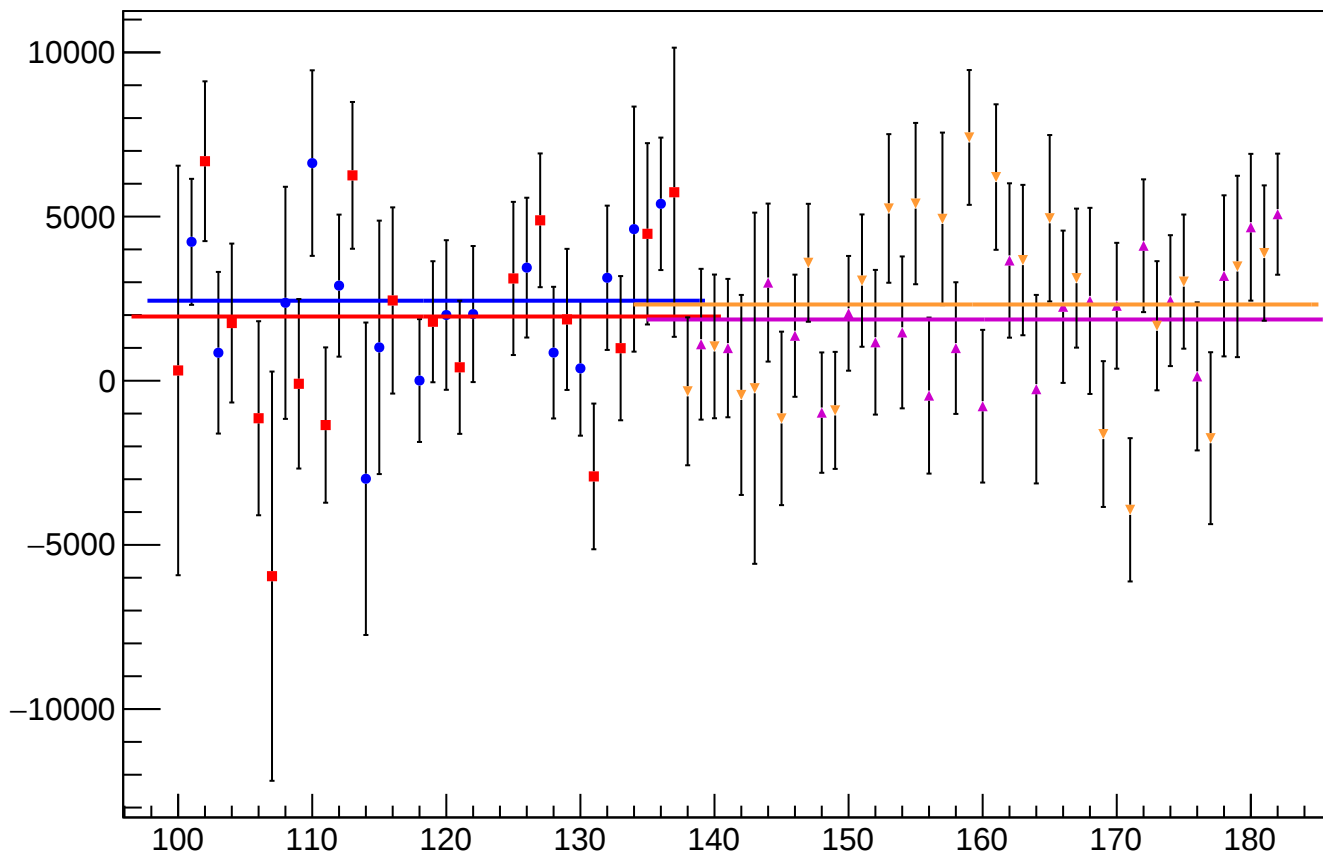
Right: 906.333+/-0.182 χ^2/NDF : 2402221.4/33

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

Out: 1212.656+/-0.184 χ^2/NDF : 5197715.7/40

All: 1204.988+/-0.129 χ^2/NDF : 9881055.9/78

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2322.431 $\pm$ 471.285 χ^2/NDF : 38.2/22

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

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

Left: 2088.091 $\pm$ 328.877 χ^2/NDF : 52.2/44

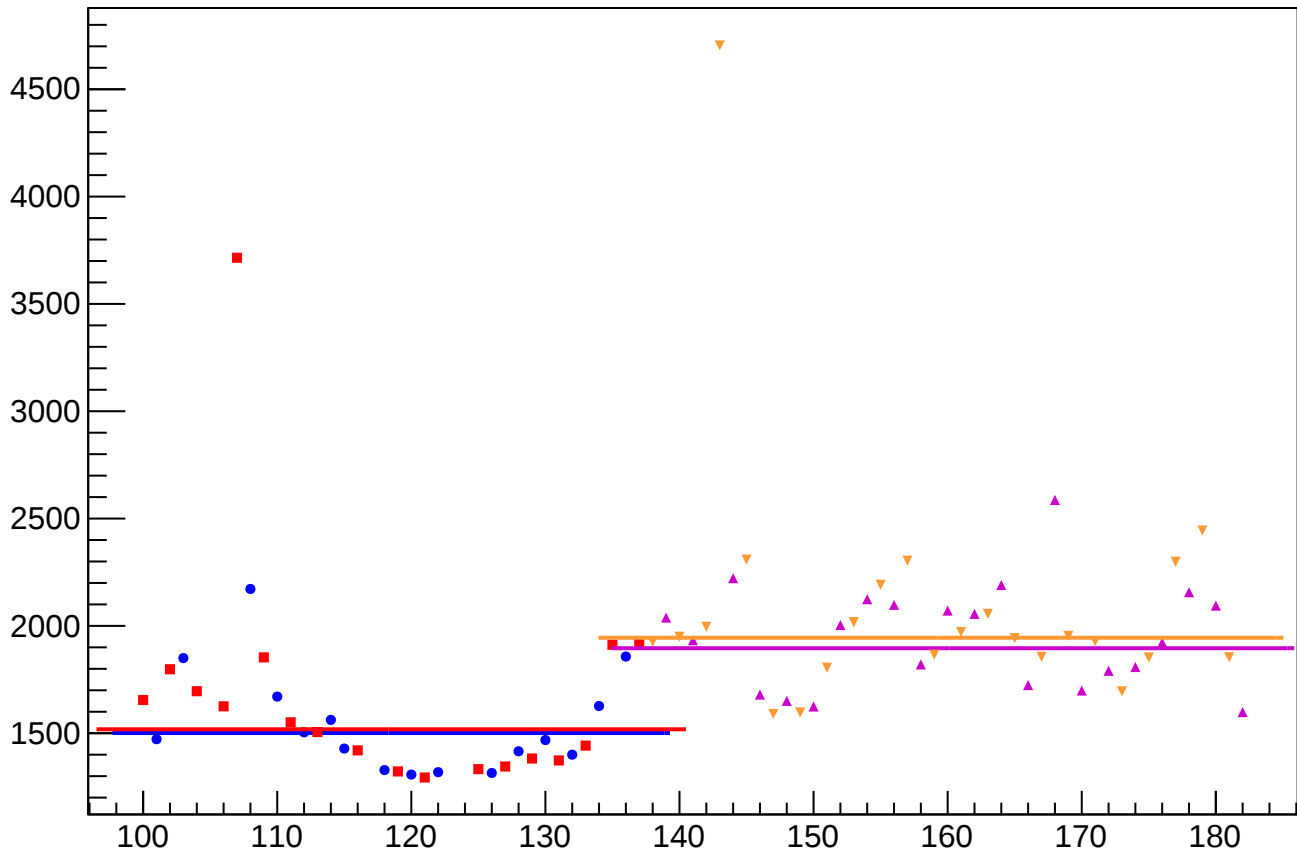
Right: 2195.827 $\pm$ 413.767 χ^2/NDF : 33.9/33

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

Out: 2177.903 $\pm$ 366.778 χ^2/NDF : 60.8/40

All: 2129.803 $\pm$ 257.457 χ^2/NDF : 86.1/78

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1944.811+/-0.333 χ^2/NDF : 948261.0/22

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

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

Left: 1919.756+/-0.233 χ^2/NDF : 1449585.8/44

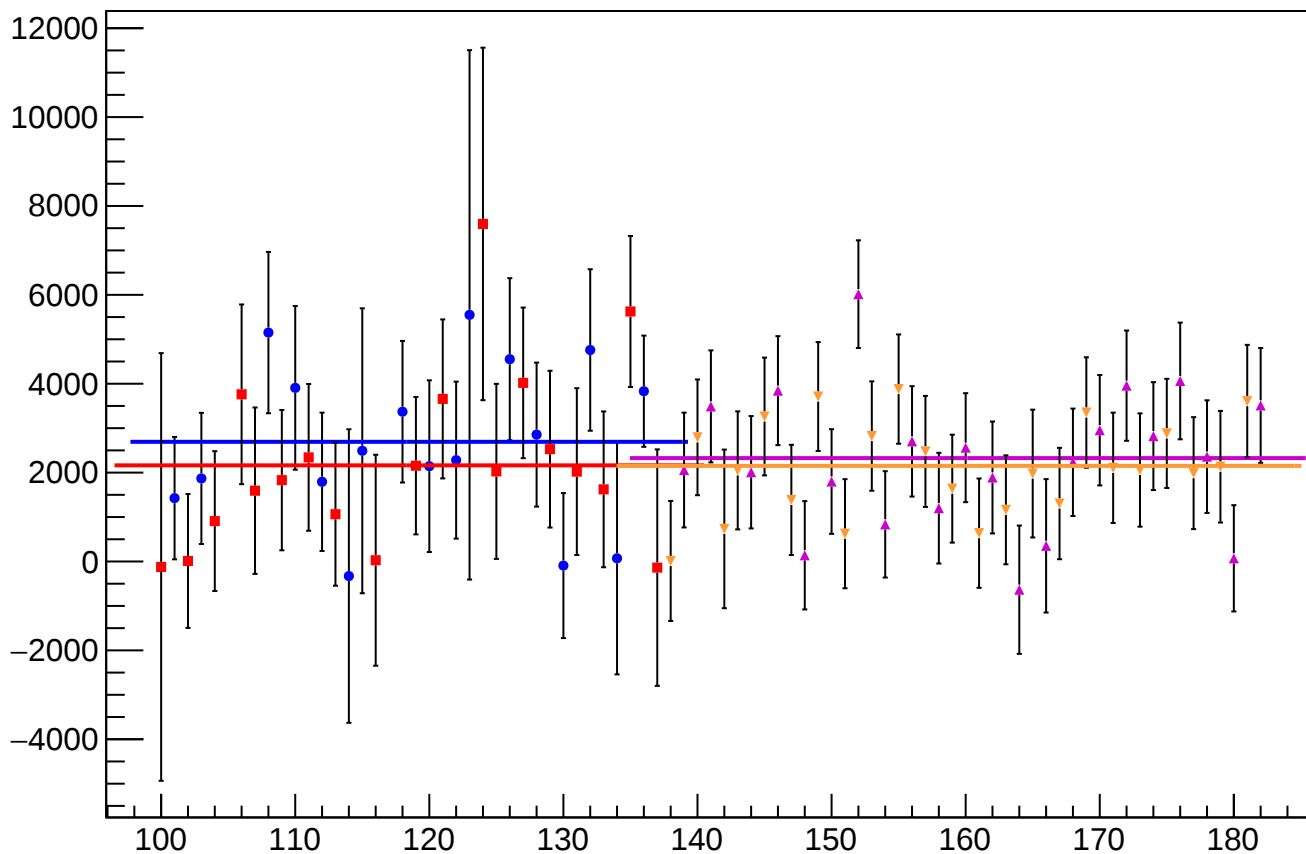
Right: 1509.610+/-0.293 χ^2/NDF : 733133.5/33

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

Out: 1776.638+/-0.259 χ^2/NDF : 2070110.5/40

All: 1760.962+/-0.182 χ^2/NDF : 3387027.1/78

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2151.252 $\pm$ 266.146 χ^2 /NDF:15.4/22

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

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

Left: 2238.350 $\pm$ 188.695 χ^2 /NDF: 47.7/44

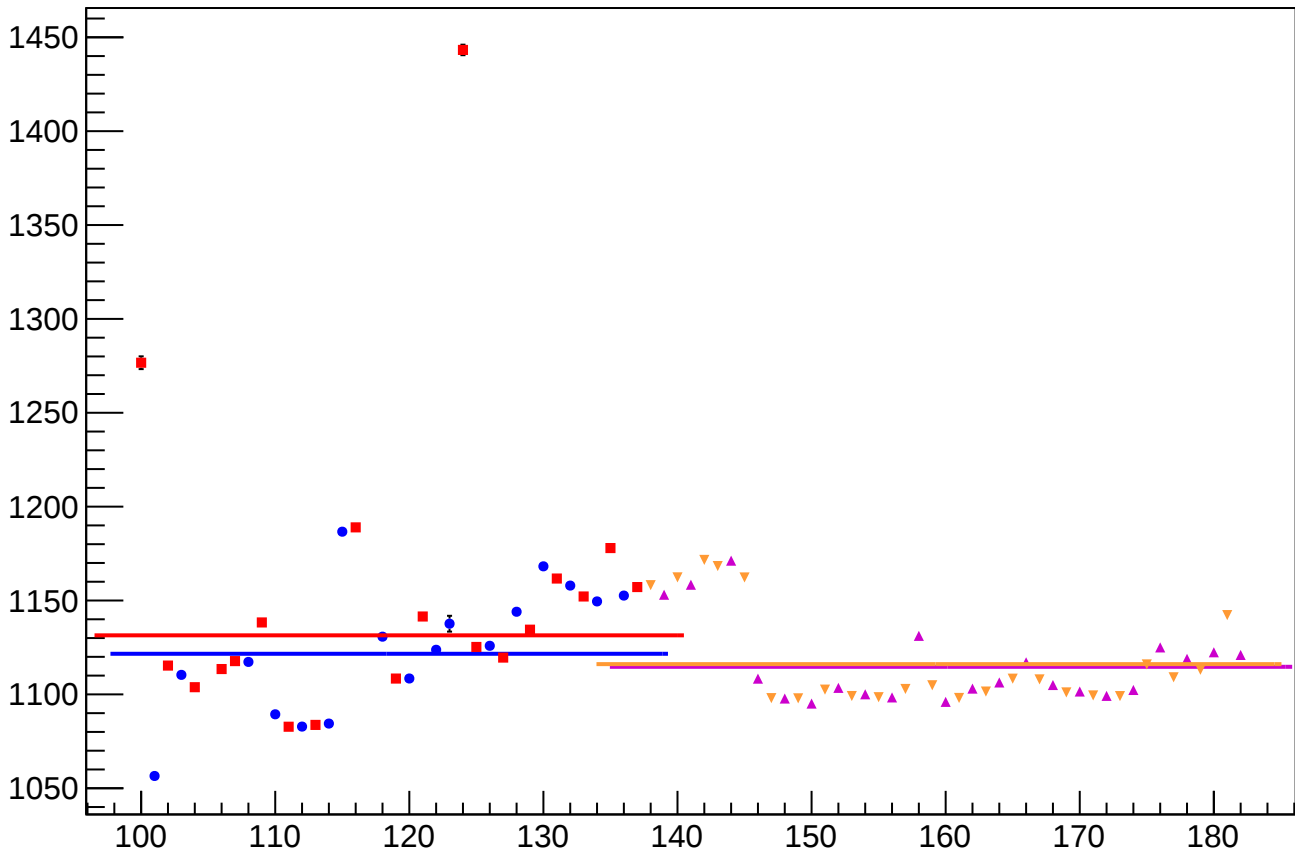
Right: 2422.596 $\pm$ 302.740 χ^2 /NDF: 26.8/35

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

Out: 2154.605 $\pm$ 225.387 χ^2 /NDF:29.2/41

All: 2289.901 $\pm$ 160.136 χ^2 /NDF: 74.7/80

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1116.114 $\pm$ 0.188 χ^2 /NDF:17005.8/22

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

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

Left: 1115.406 $\pm$ 0.133 χ^2 /NDF: 29219.3/44

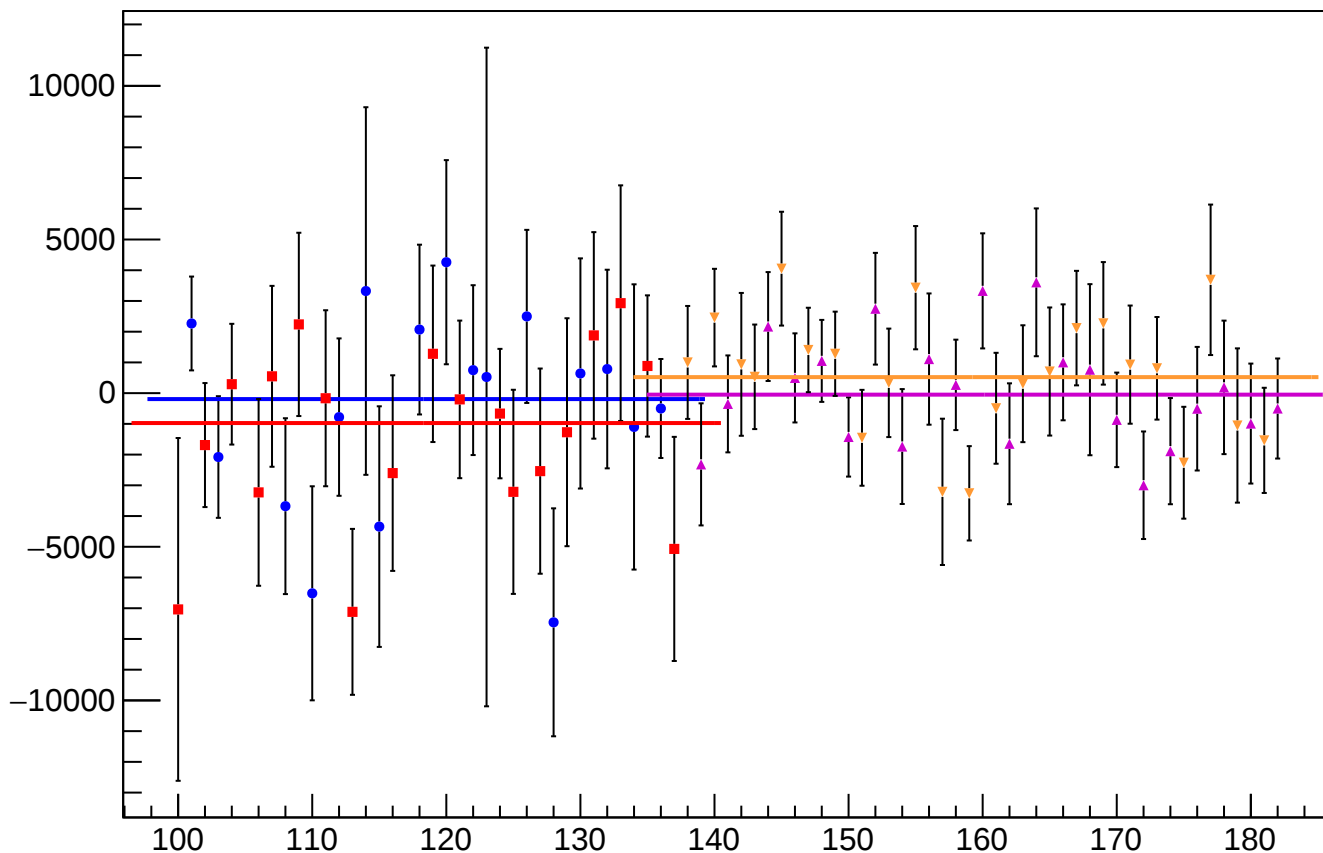
Right: 1126.640 $\pm$ 0.214 χ^2 /NDF: 35618.4/35

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

Out: 1120.452 $\pm$ 0.159 χ^2 /NDF:41996.1/41

All: 1118.549 $\pm$ 0.113 χ^2 /NDF: 66821.2/80

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 521.435 $\pm$ 375.064 χ^2/NDF : 26.0/22

Right Out: -973.263 $\pm$ 645.048 χ^2/NDF : 14.3/18

Left In: -49.070 $\pm$ 372.895 χ^2/NDF : 19.6/21

Left: 234.528 $\pm$ 264.440 χ^2/NDF : 46.7/44

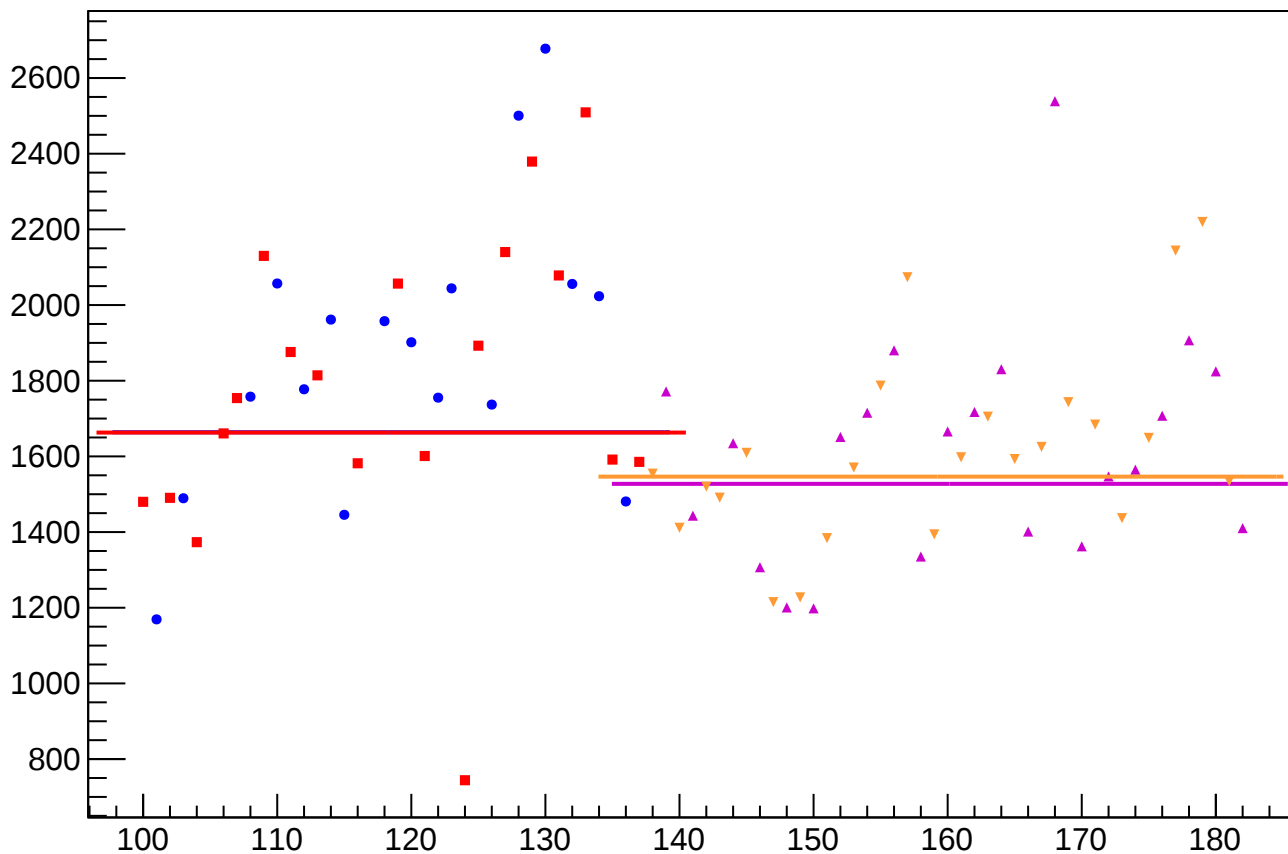
Right: -592.444 $\pm$ 461.436 χ^2/NDF : 32.4/35

In: -83.949 $\pm$ 324.703 χ^2/NDF : 37.0/38

Out: 143.778 $\pm$ 324.238 χ^2/NDF : 44.3/41

All: 30.078 $\pm$ 229.435 χ^2/NDF : 81.5/80

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1546.493 $\pm$ 0.265 χ^2 /NDF: 740475.7/22

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

Left In: 1527.435 $\pm$ 0.264 χ^2 /NDF: 949929.5/21

Left: 1536.909 $\pm$ 0.187 χ^2 /NDF: 1693001.9/44

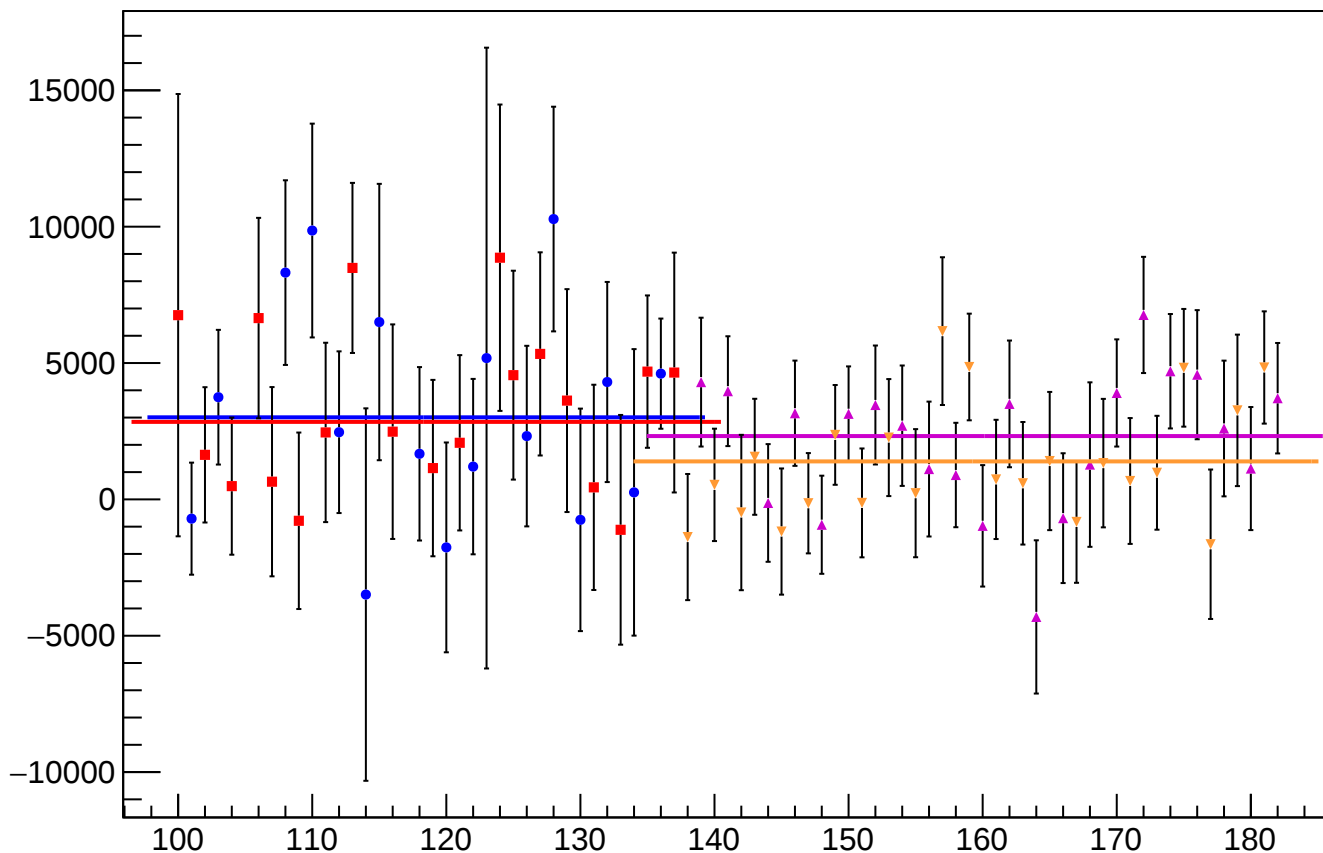
Right: 1663.373 $\pm$ 0.326 χ^2 /NDF: 1427453.3/35

In: 1560.400 $\pm$ 0.230 χ^2 /NDF: 1637052.6/38

Out: 1575.926 $\pm$ 0.229 χ^2 /NDF: 1594198.4/41

All: 1568.174 $\pm$ 0.162 χ^2 /NDF: 3233540.7/80

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1392.718 $\pm$ 462.761 χ^2/NDF : 19.9/22

Right Out: 2842.013 $\pm$ 795.731 χ^2/NDF : 11.4/18

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

Left: 1858.162 $\pm$ 326.919 χ^2/NDF : 47.0/44

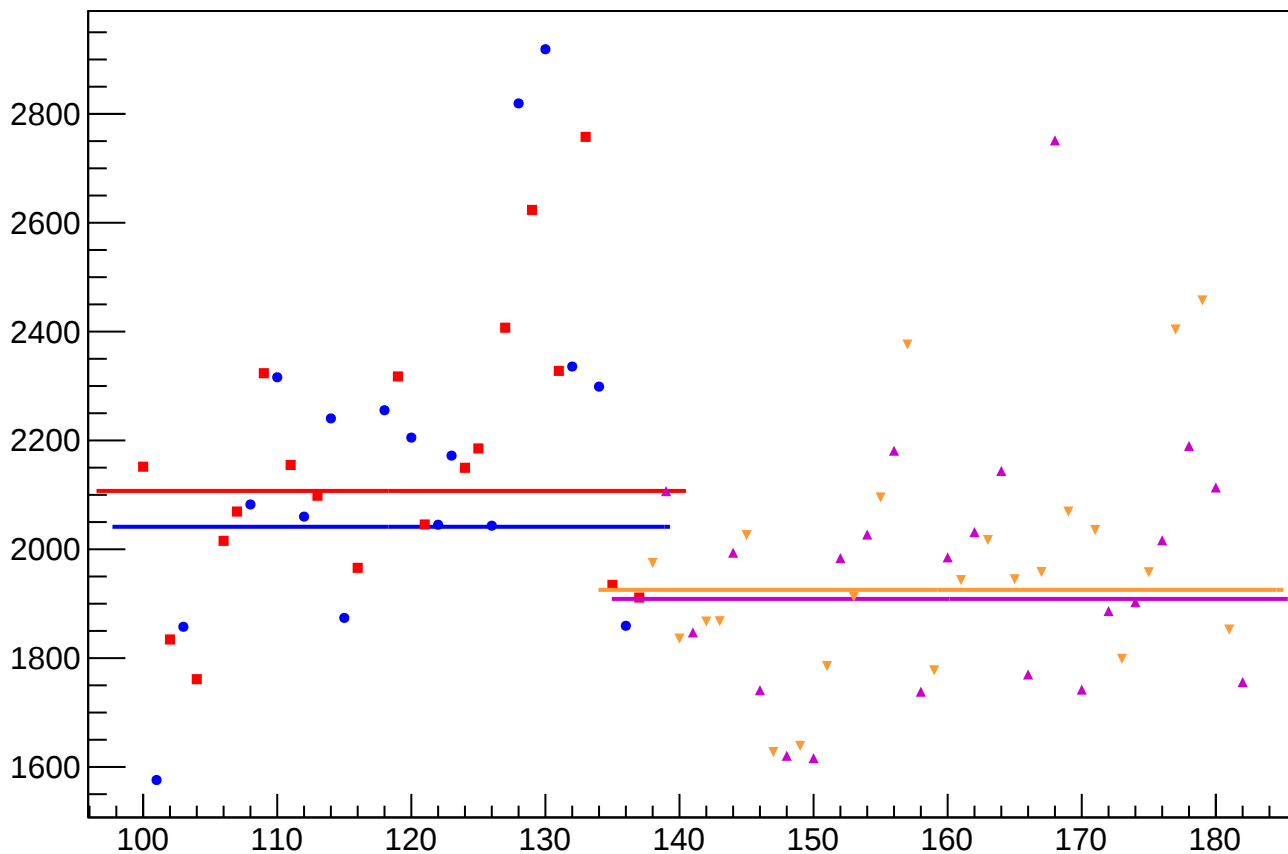
Right: 2925.191 $\pm$ 564.046 χ^2/NDF : 28.8/35

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

Out: 1758.999 $\pm$ 400.032 χ^2/NDF : 33.8/41

All: 2126.476 $\pm$ 282.845 χ^2/NDF : 78.5/80

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1925.459+/-0.327 χ^2/NDF : 360296.4/22

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

Left In: 1908.831+/-0.327 χ^2/NDF : 447261.8/21

Left: 1917.130+/-0.231 χ^2/NDF : 808851.7/44

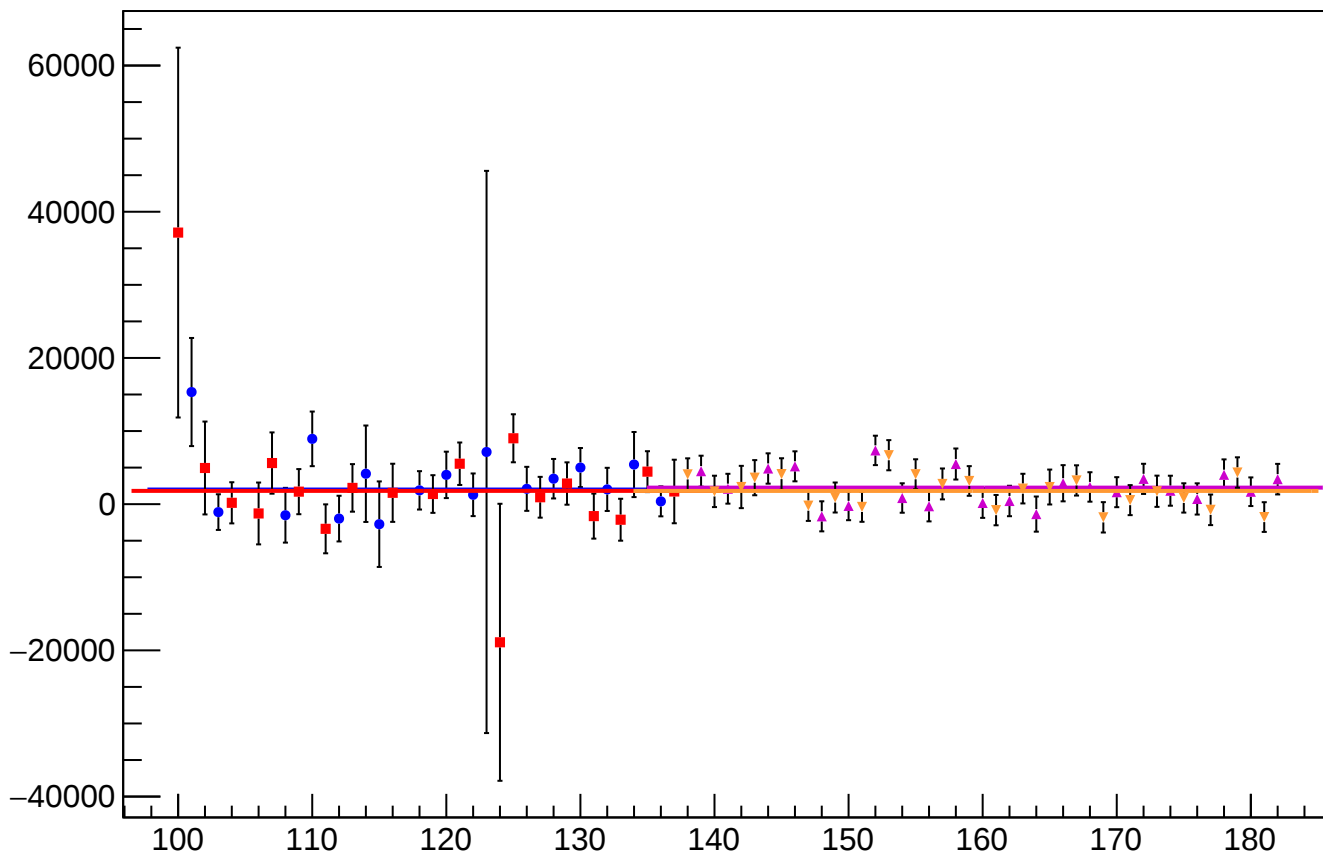
Right: 2074.475+/-0.399 χ^2/NDF : 542049.1/35

In: 1941.985+/-0.283 χ^2/NDF : 826882.9/38

Out: 1971.410+/-0.283 χ^2/NDF : 635105.5/41

All: 1956.695+/-0.200 χ^2/NDF : 1467399.6/80

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1809.480+/-442.729 χ^2/NDF : 24.5/22

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

Left In: 2259.825+/-443.810 χ^2/NDF : 27.0/21

Left: 2034.103+/-313.438 χ^2/NDF : 52.0/44

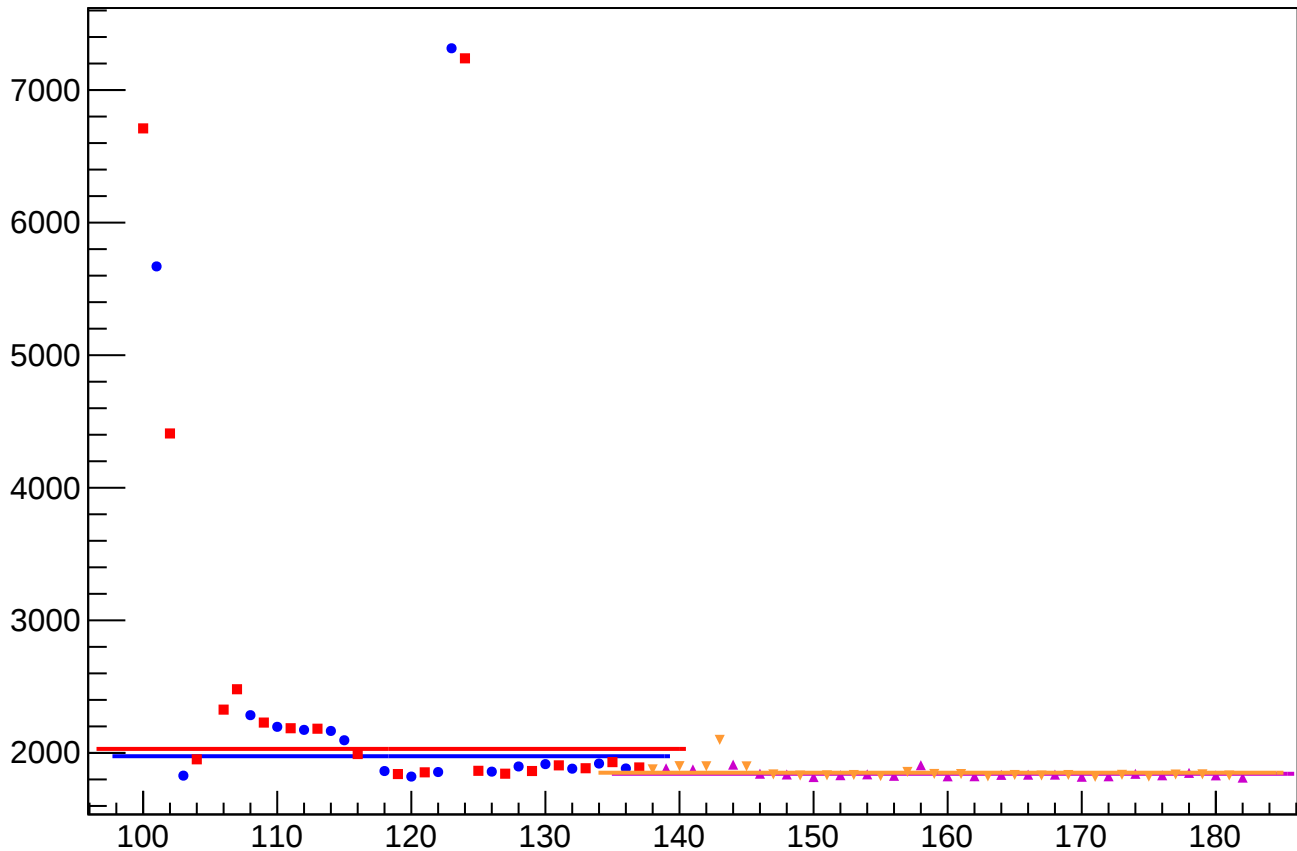
Right: 1907.721+/-552.630 χ^2/NDF : 33.1/35

In: 2196.453+/-385.935 χ^2/NDF : 41.9/38

Out: 1810.962+/-385.205 χ^2/NDF : 42.7/41

All: 2003.343+/-272.639 χ^2/NDF : 85.1/80

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1850.693+/-0.313 χ^2/NDF : 27393.1/22

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

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

Left: 1846.684+/-0.222 χ^2/NDF : 34901.9/44

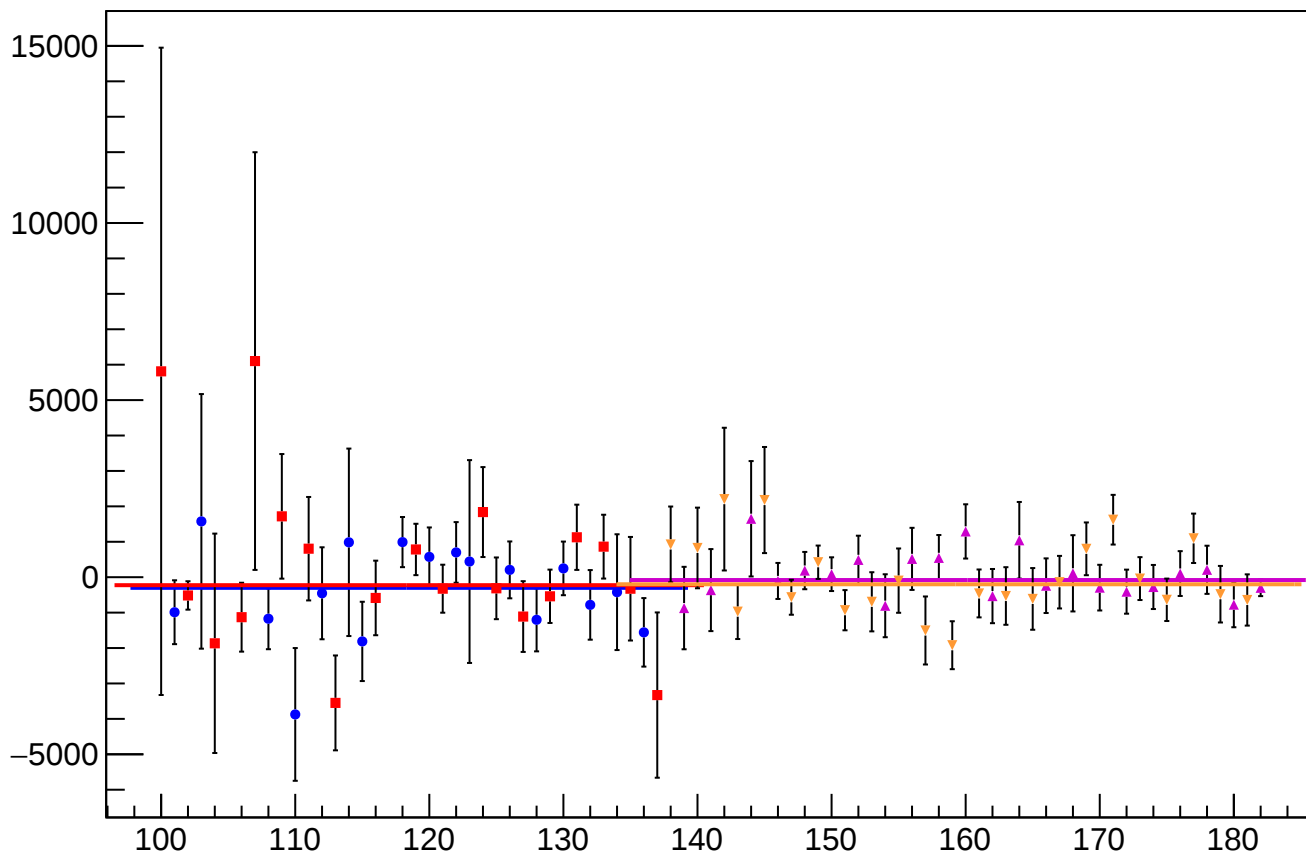
Right: 2002.731+/-0.391 χ^2/NDF : 1208749.7/35

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

Out: 1894.344+/-0.272 χ^2/NDF : 711332.4/41

All: 1884.665+/-0.193 χ^2/NDF : 1364305.7/80

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -199.733+/-151.855 χ^2/NDF : 33.2/22

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

Left In: -80.171+/-128.639 χ^2/NDF : 12.3/21

Left: -130.124+/-98.155 χ^2/NDF : 45.8/44

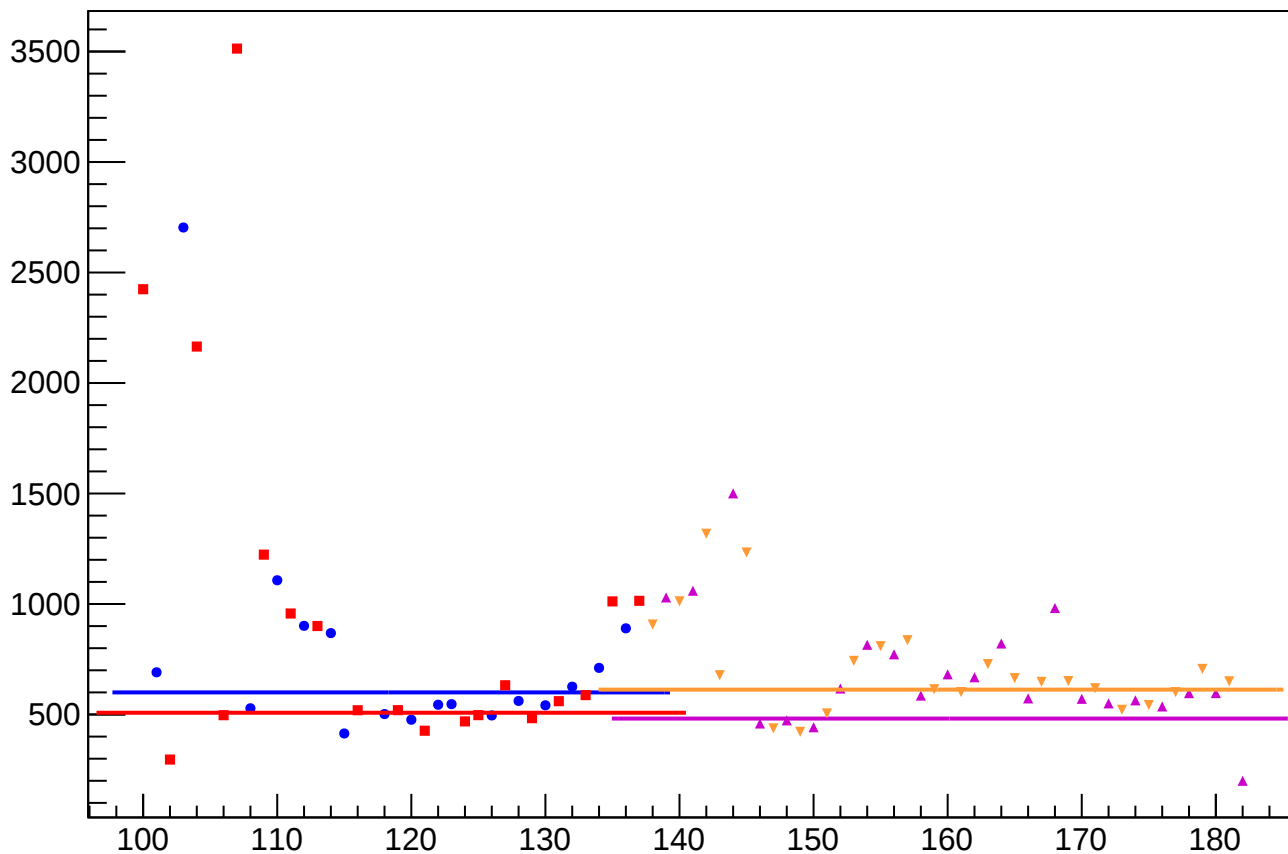
Right: -257.724+/-162.302 χ^2/NDF : 39.6/35

In: -127.188+/-114.055 χ^2/NDF : 30.3/38

Out: -208.257+/-124.144 χ^2/NDF : 55.4/41

All: -164.295+/-83.990 χ^2/NDF : 85.9/80

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 612.560 $\pm$ 0.107 χ^2 /NDF:2068745.6/22

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

Left In: 481.561 $\pm$ 0.091 χ^2 /NDF:6389622.5/21

Left: 536.292 $\pm$ 0.069 χ^2 /NDF: 9324901.9/44

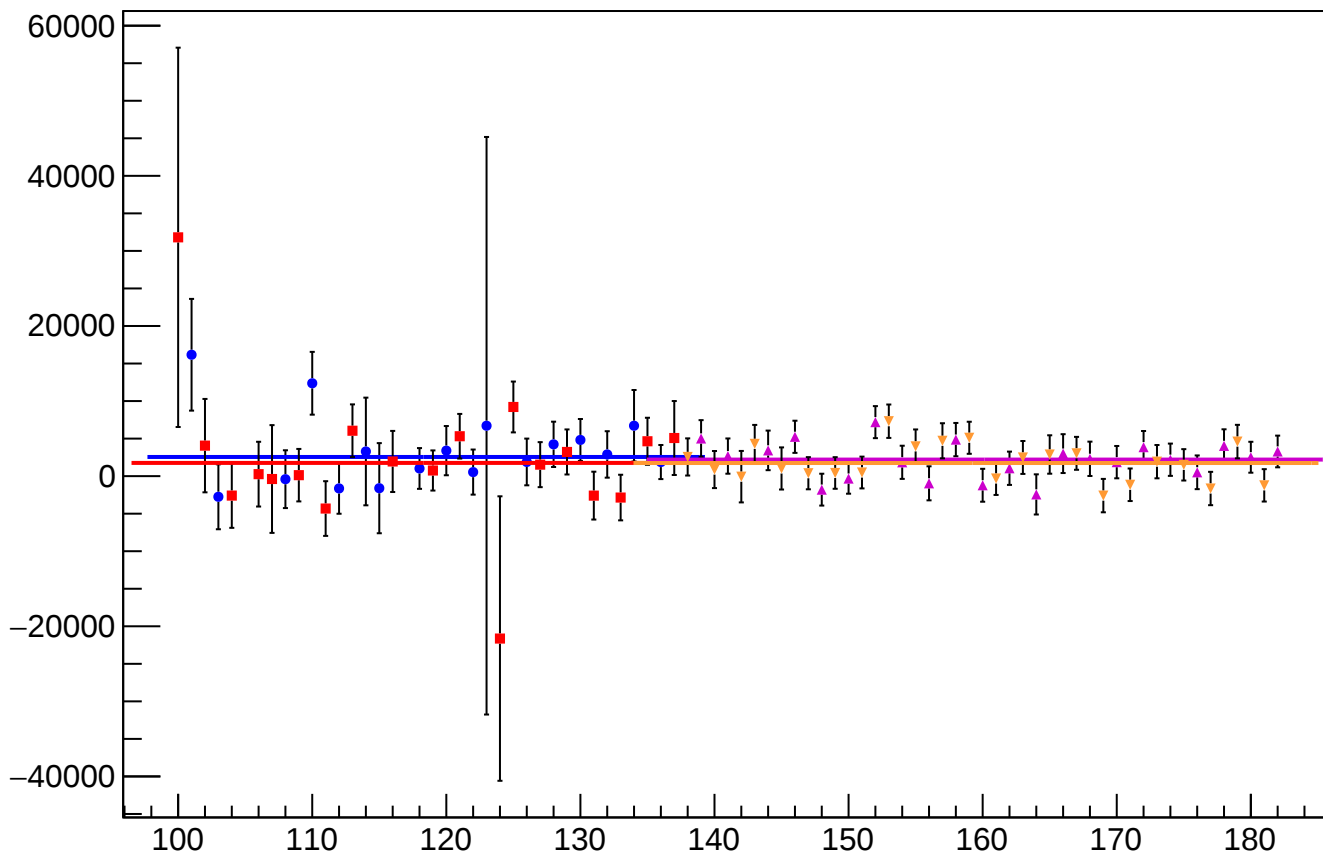
Right: 547.794 $\pm$ 0.115 χ^2 /NDF: 4387752.6/35

In: 506.884 $\pm$ 0.081 χ^2 /NDF:8133017.7/38

Out: 577.862 $\pm$ 0.088 χ^2 /NDF:5232462.3/41

All: 539.372 $\pm$ 0.059 χ^2 /NDF: 13720009.9/80

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1748.556 $\pm$ 476.328 χ^2 /NDF: 27.1/22

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

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

Left: 1977.188 $\pm$ 336.842 χ^2 /NDF: 53.1/44

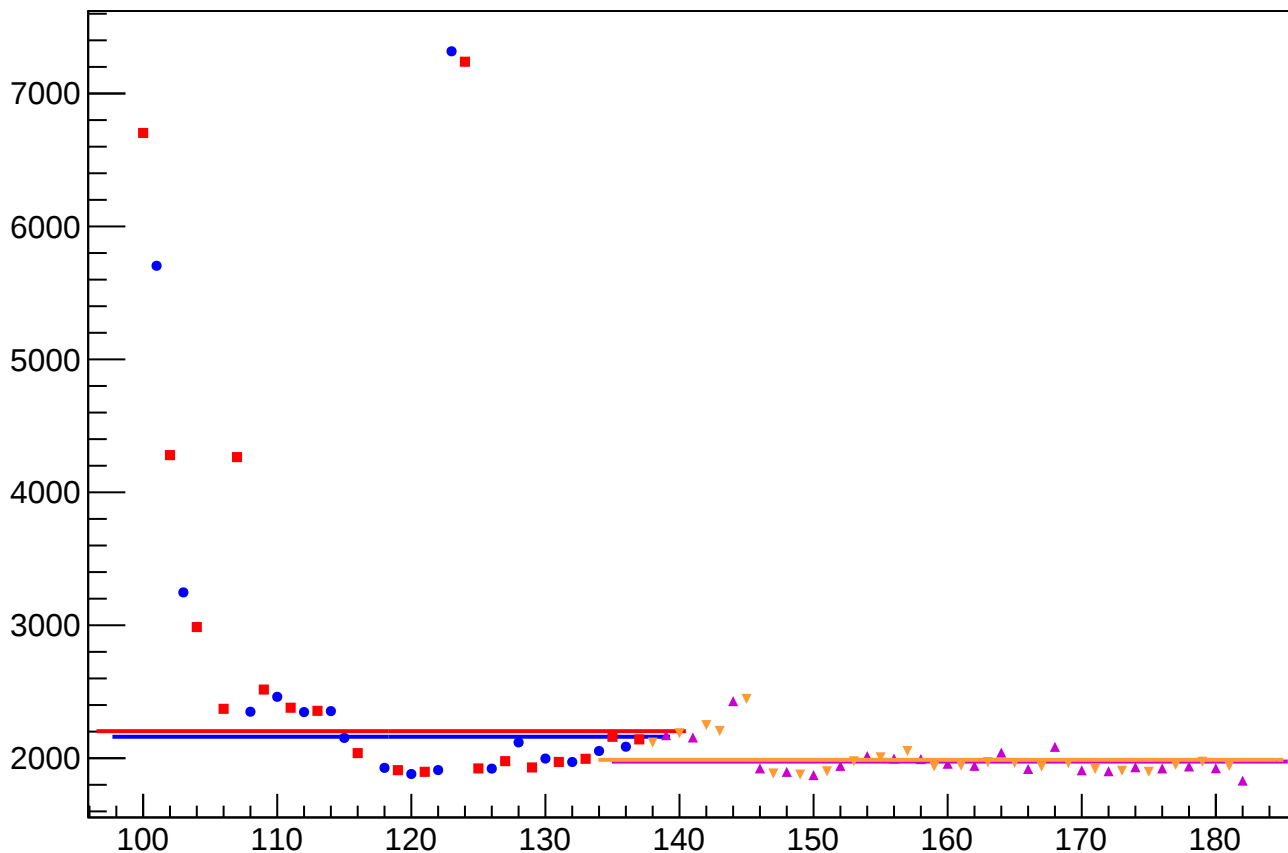
Right: 2155.591 $\pm$ 605.836 χ^2 /NDF: 37.1/35

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

Out: 1751.624 $\pm$ 416.073 χ^2 /NDF: 48.0/41

All: 2019.315 $\pm$ 294.398 χ^2 /NDF: 90.3/80

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1987.820+/-0.337 χ^2/NDF :127148.3/22

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

Left In: 1974.675+/-0.337 χ^2/NDF :119379.9/21

Left: 1981.249+/-0.238 χ^2/NDF : 247289.7/44

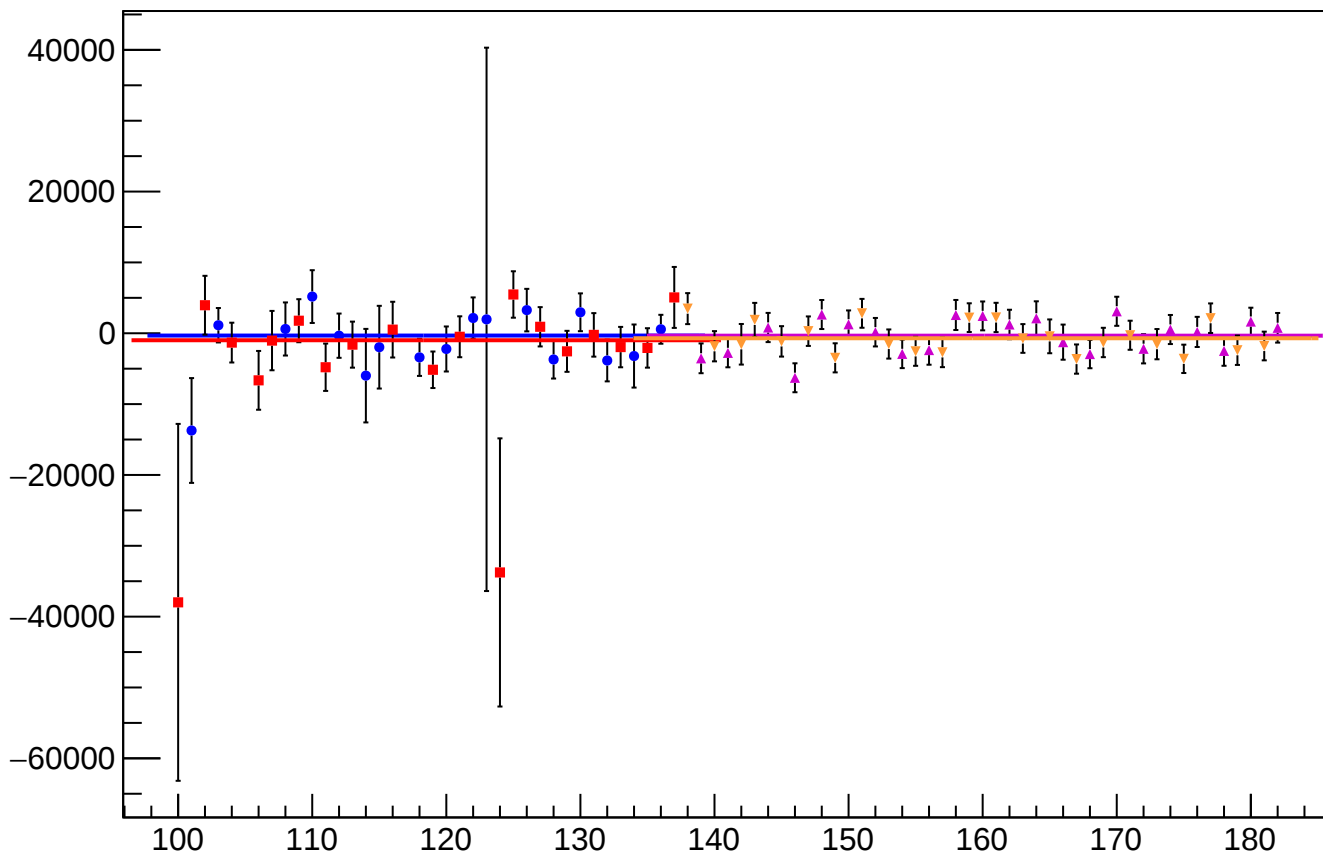
Right: 2182.484+/-0.428 χ^2/NDF : 1511040.8/35

In: 2018.611+/-0.295 χ^2/NDF :902932.8/38

Out: 2038.898+/-0.294 χ^2/NDF :1021580.0/41

All: 2028.768+/-0.208 χ^2/NDF : 1926887.4/80

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -704.925+/-441.527 χ^2/NDF : 23.4/22

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

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

Left: -523.860+/-312.686 χ^2/NDF : 55.2/44

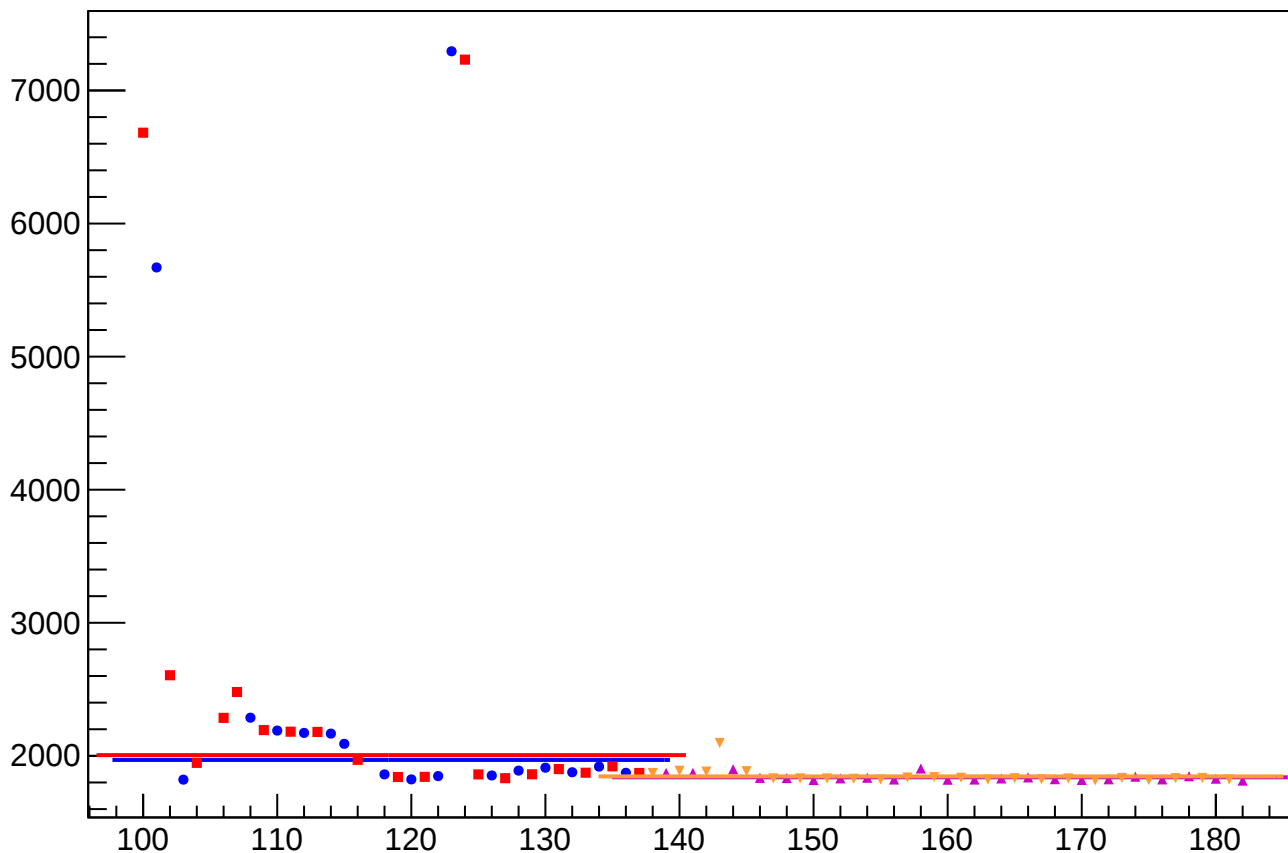
Right: -658.915+/-547.776 χ^2/NDF : 36.4/35

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

Out: -774.460+/-383.016 χ^2/NDF : 43.9/41

All: -557.052+/-271.557 χ^2/NDF : 91.7/80

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1845.732+/-0.312 χ^2/NDF : 26621.1/22

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

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

Left: 1842.304+/-0.221 χ^2/NDF : 33130.6/44

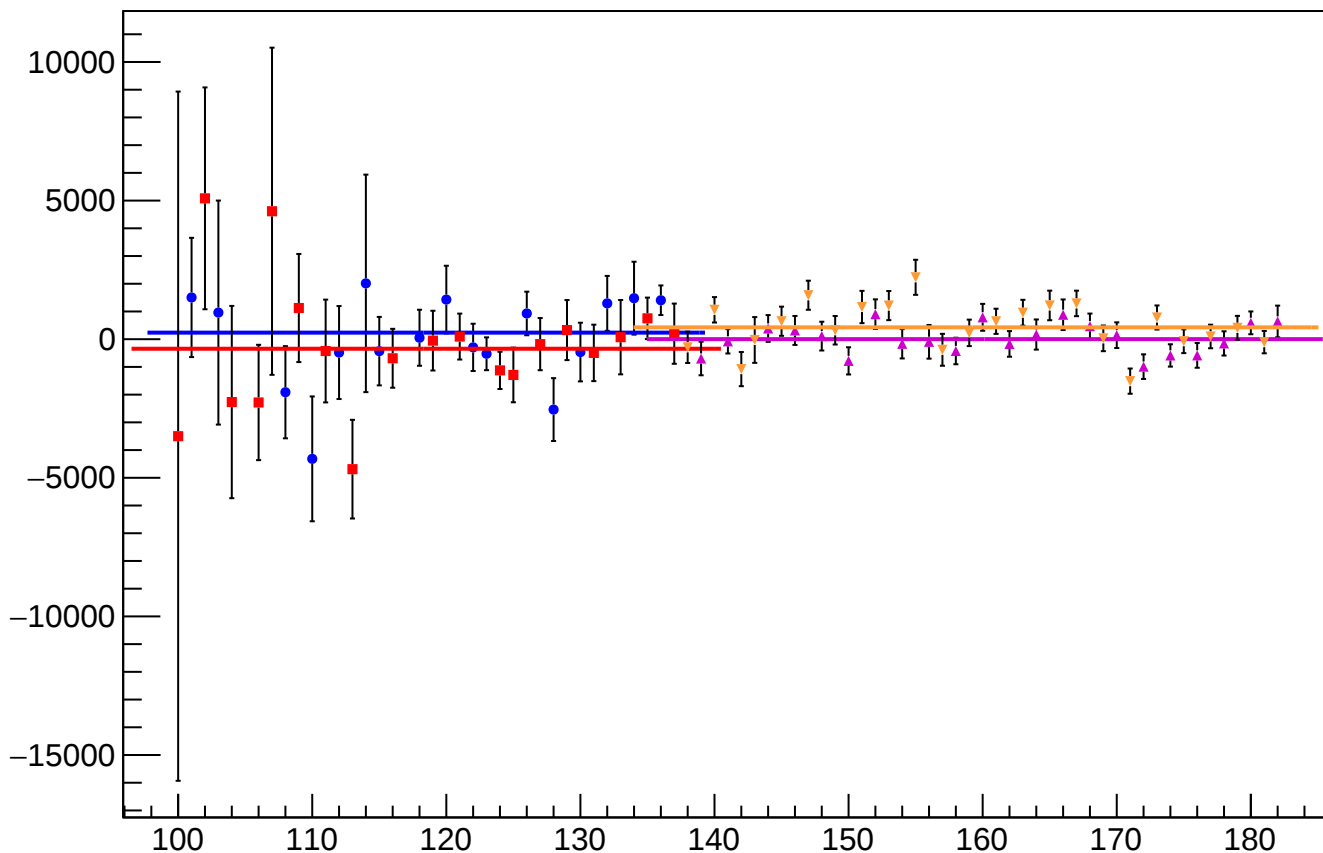
Right: 1987.746+/-0.387 χ^2/NDF : 964621.5/35

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

Out: 1885.284+/-0.271 χ^2/NDF : 451116.2/41

All: 1878.048+/-0.192 χ^2/NDF : 1104095.7/80

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 427.627 $\pm$ 102.894 χ^2 /NDF:59.5/22

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

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

Left: 215.825 $\pm$ 72.949 χ^2 /NDF: 95.6/44

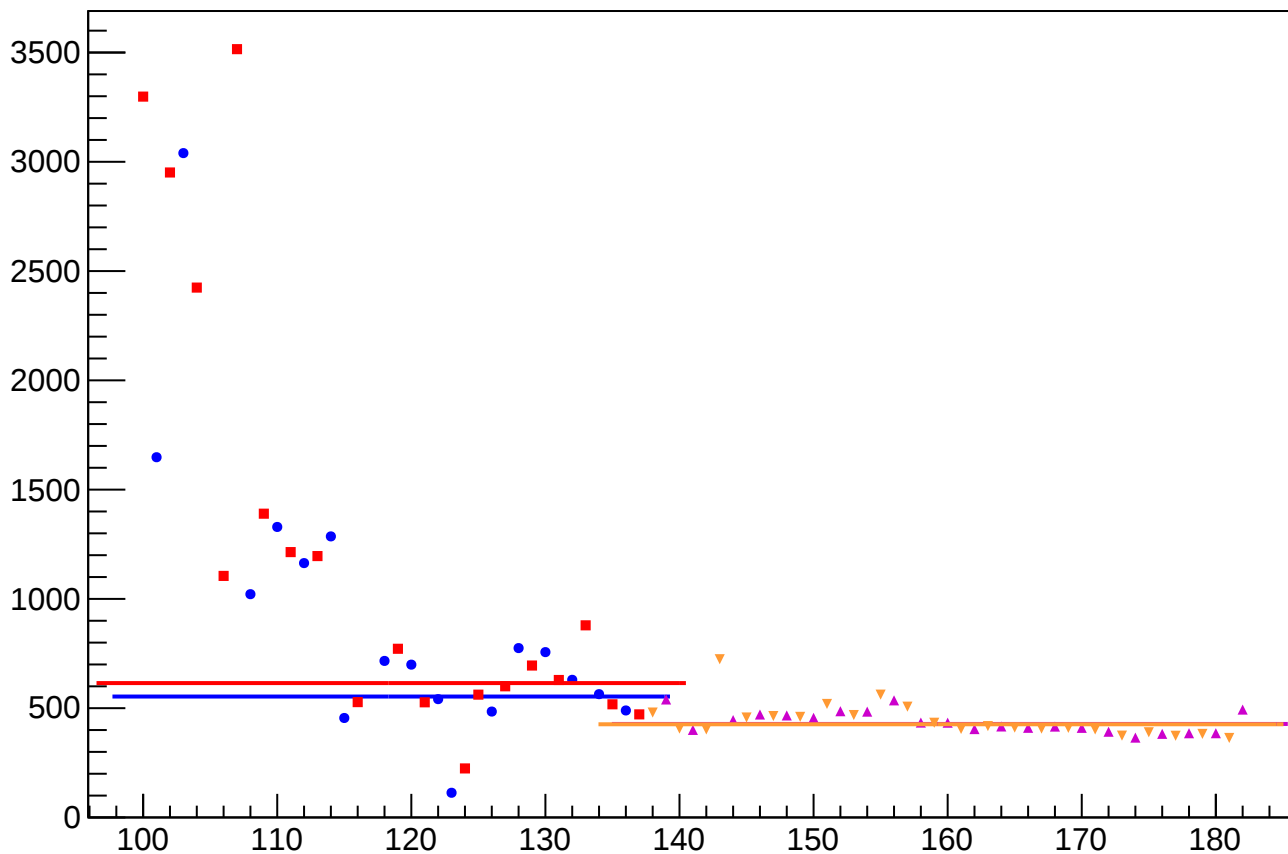
Right: -31.357 $\pm$ 182.424 χ^2 /NDF: 42.4/35

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

Out: 328.796 $\pm$ 96.082 χ^2 /NDF:82.7/41

All: 181.747 $\pm$ 67.734 χ^2 /NDF: 139.5/80

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 426.345 $\pm$ 0.073 χ^2 /NDF: 667240.9/22

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

Left In: 427.818 $\pm$ 0.073 χ^2 /NDF: 381084.7/21

Left: 427.078 $\pm$ 0.052 χ^2 /NDF: 1048529.5/44

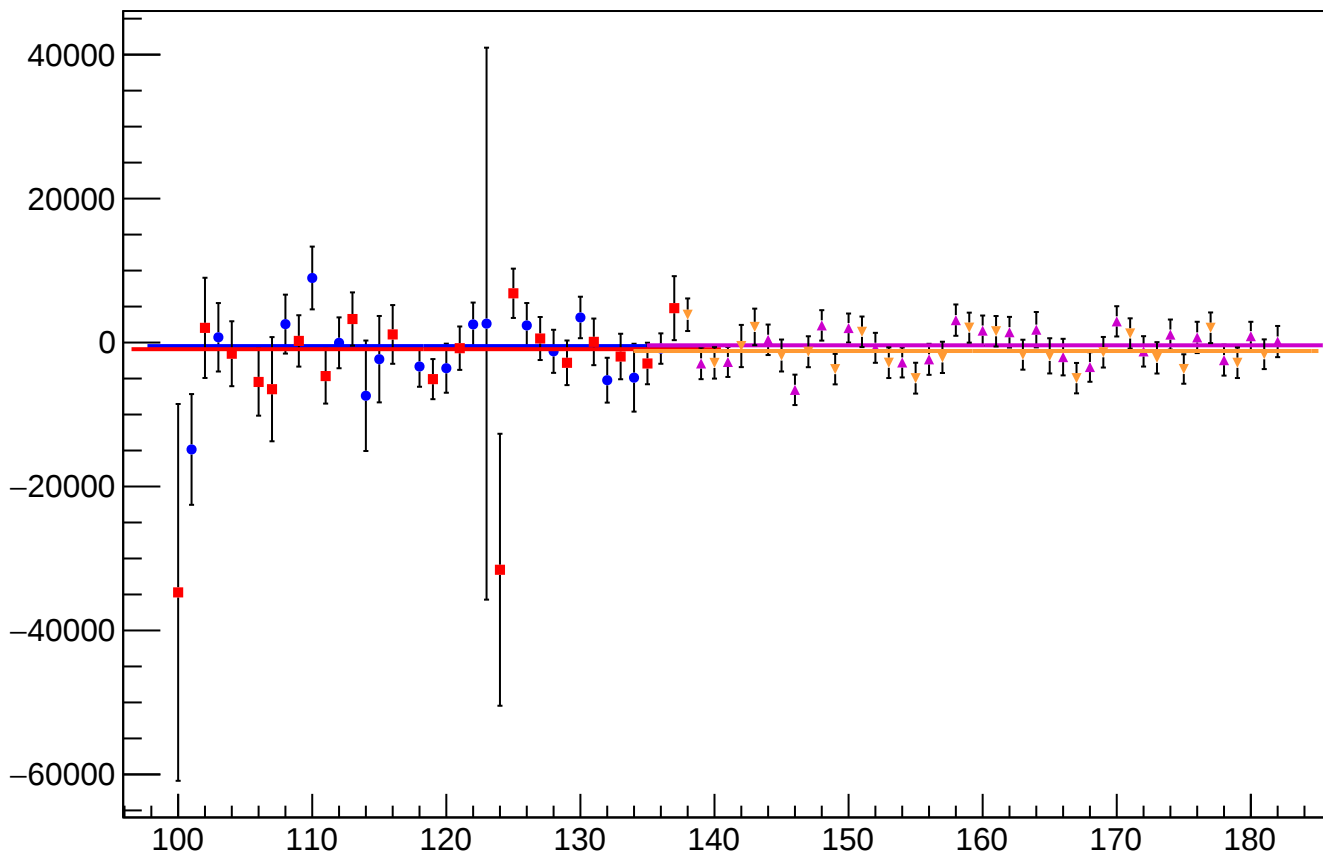
Right: 581.688 $\pm$ 0.129 χ^2 /NDF: 7038937.4/35

In: 446.333 $\pm$ 0.068 χ^2 /NDF: 4228035.1/38

Out: 450.478 $\pm$ 0.068 χ^2 /NDF: 5096128.9/41

All: 448.393 $\pm$ 0.048 χ^2 /NDF: 9326036.2/80

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1176.269+/-454.406 χ^2/NDF : 27.7/22

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

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

Left: -780.618+/-321.672 χ^2/NDF : 58.2/44

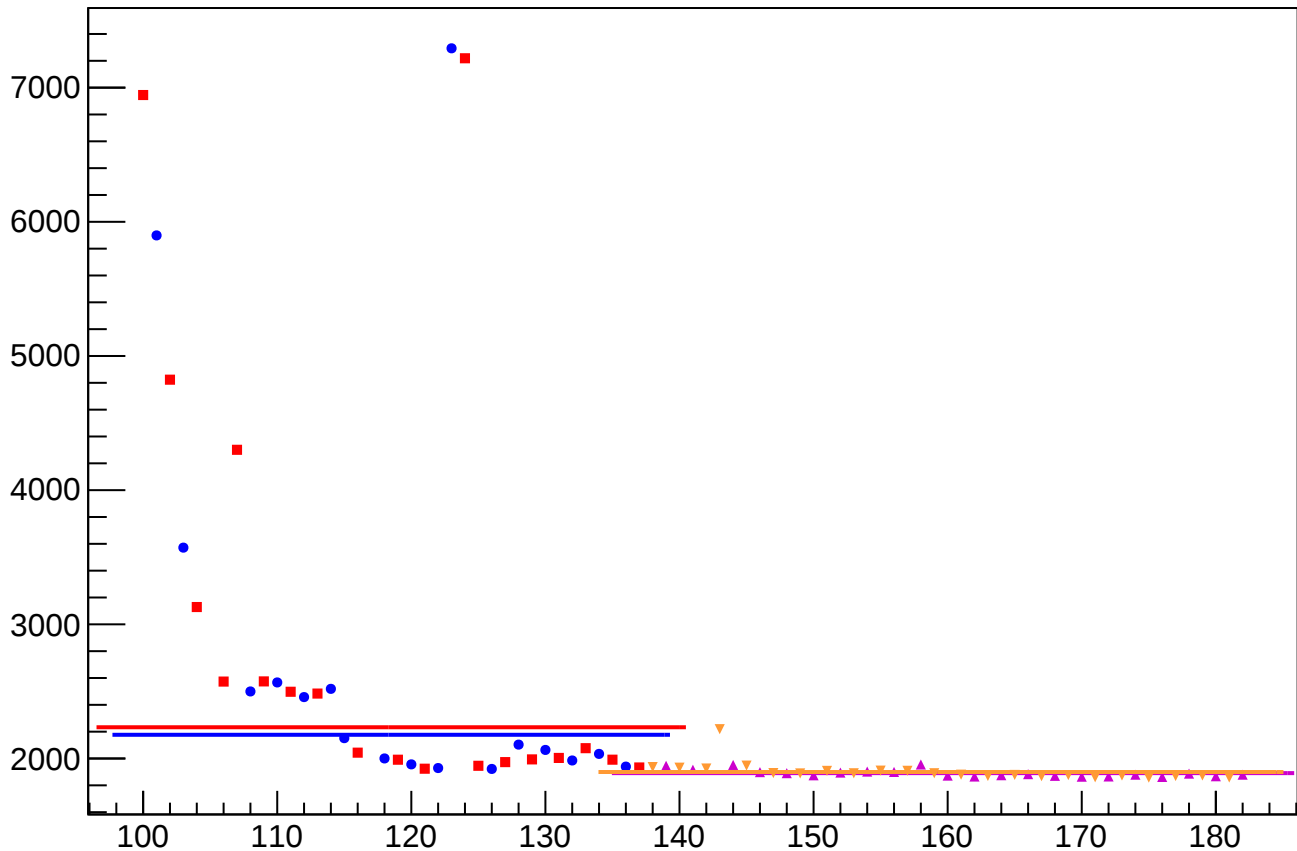
Right: -706.757+/-613.998 χ^2/NDF : 37.6/35

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

Out: -1121.619+/-402.643 χ^2/NDF : 46.7/41

All: -764.712+/-284.937 χ^2/NDF : 95.8/80

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1899.422+/-0.321 χ^2/NDF : 38628.0/22

Right Out: 2232.883+/-0.614 χ^2/NDF : 890552.7/18

Left In: 1891.041+/-0.322 χ^2/NDF : 7283.9/21

Left: 1895.241+/-0.227 χ^2/NDF : 46251.3/44

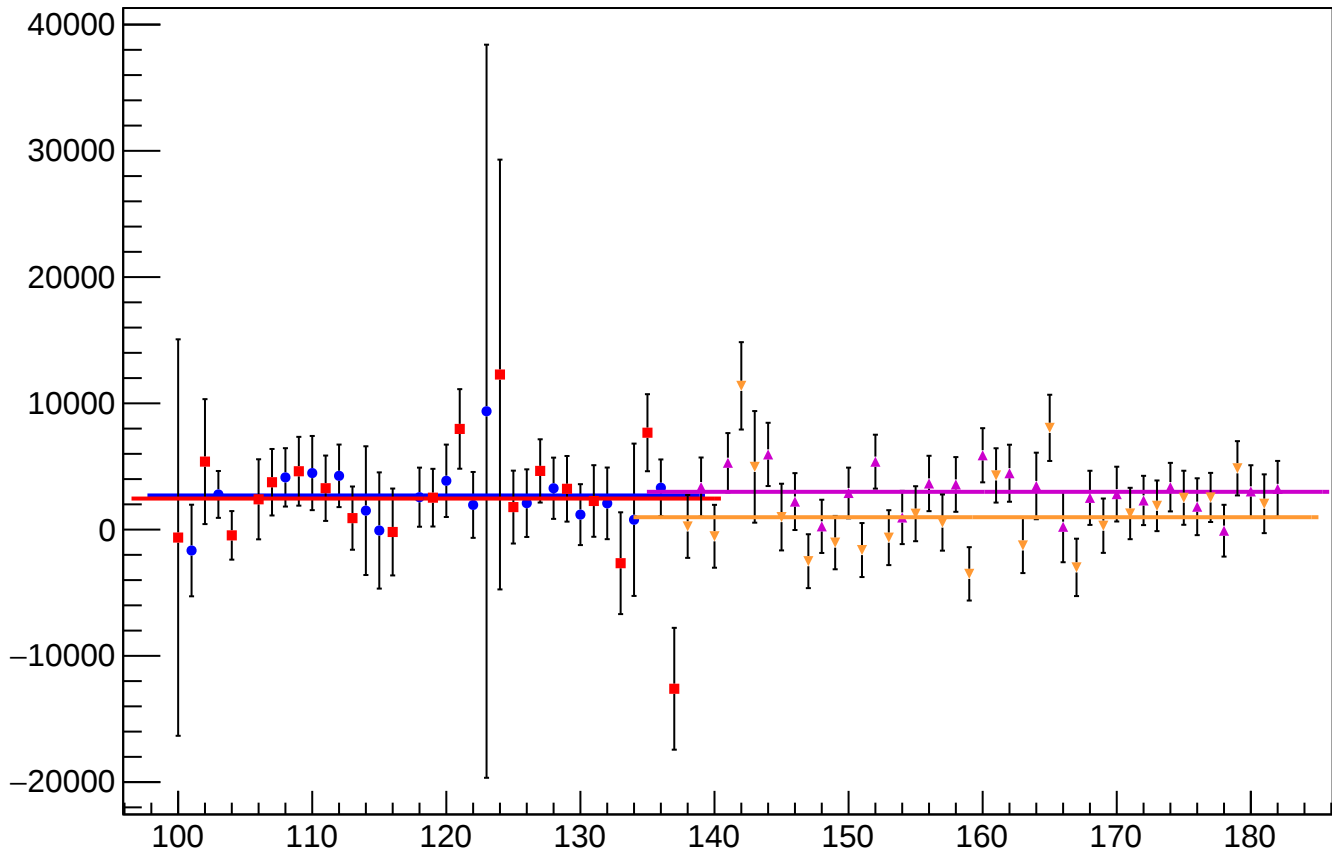
Right: 2204.793+/-0.434 χ^2/NDF : 1697410.2/35

In: 1952.716+/-0.285 χ^2/NDF : 979874.9/38

Out: 1971.067+/-0.285 χ^2/NDF : 1160586.1/41

All: 1961.906+/-0.201 χ^2/NDF : 2142534.8/80

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 981.161 $\pm$ 473.339 χ^2 /NDF:39.2/22

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

Left In: 2991.800 $\pm$ 467.466 χ^2 /NDF:12.5/21

Left: 1999.030 $\pm$ 332.605 χ^2 /NDF: 60.8/44

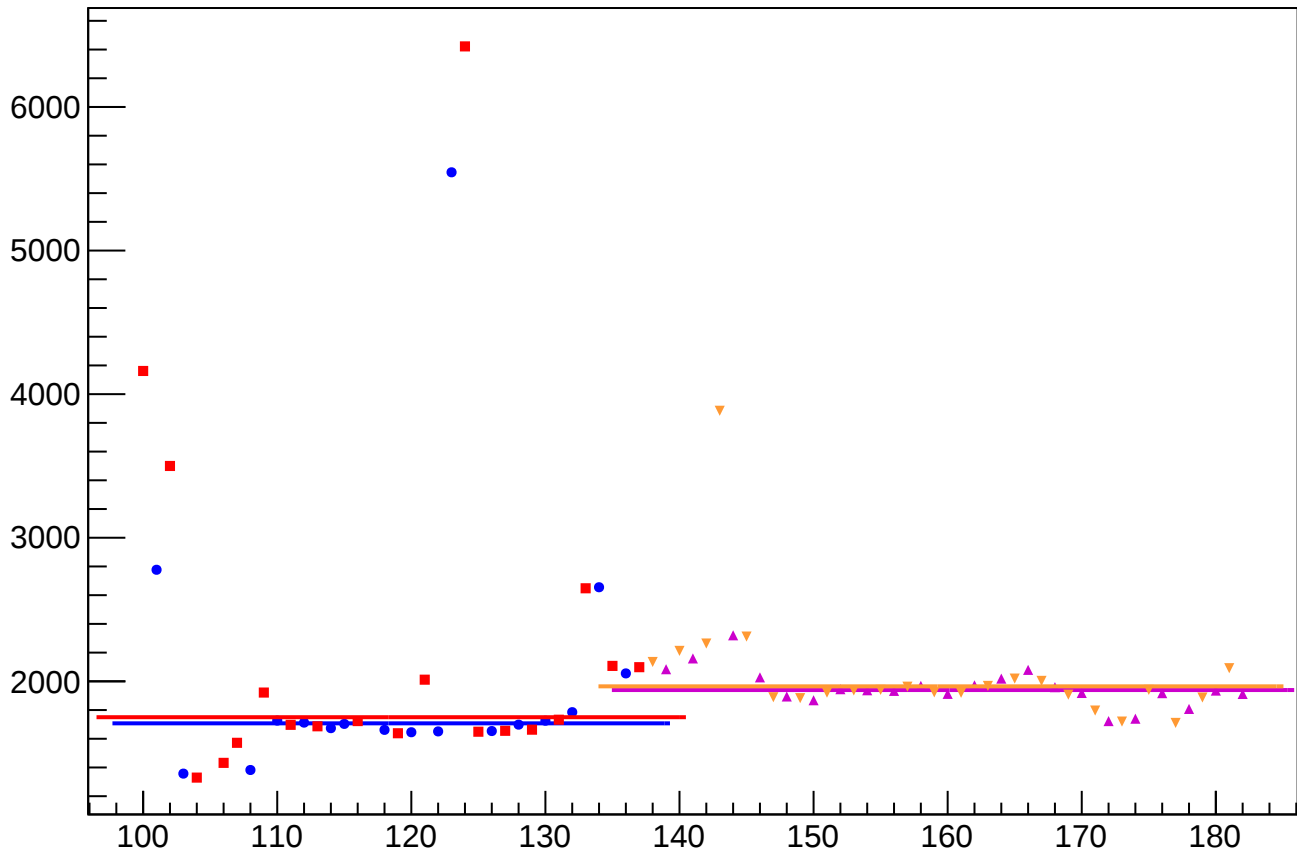
Right: 2582.696 $\pm$ 479.575 χ^2 /NDF: 27.3/35

In: 2898.144 $\pm$ 384.101 χ^2 /NDF:16.7/38

Out: 1460.919 $\pm$ 388.976 χ^2 /NDF:65.5/41

All: 2188.593 $\pm$ 273.308 χ^2 /NDF: 89.2/80

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 1965.068+/-0.335 χ^2/NDF : 553505.5/22

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

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

Left: 1952.014+/-0.235 χ^2/NDF : 697675.4/44

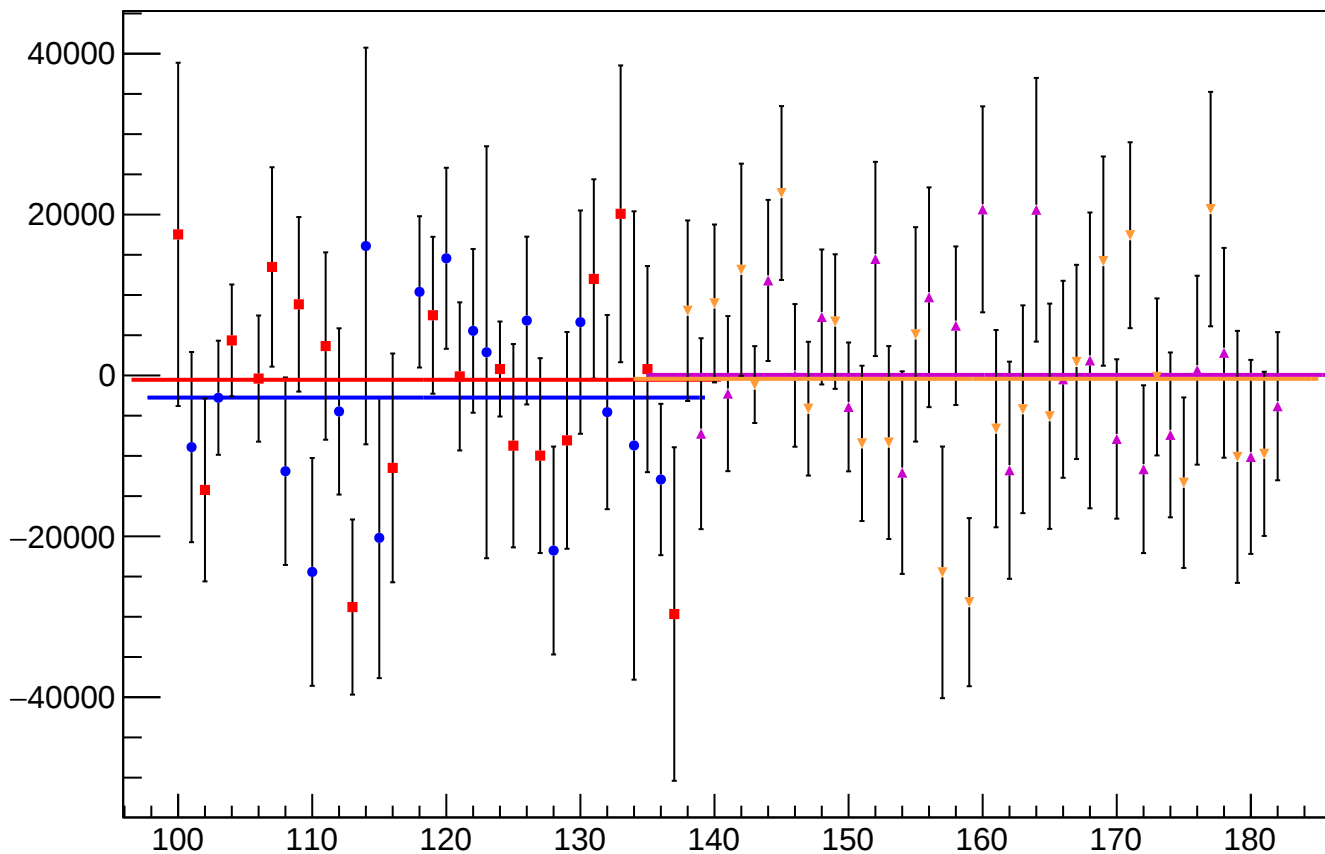
Right: 1728.481+/-0.339 χ^2/NDF : 1172634.0/35

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

Out: 1895.248+/-0.275 χ^2/NDF : 1433974.1/41

All: 1879.402+/-0.193 χ^2/NDF : 2163753.6/80

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -423.856+/-2144.279 χ^2/NDF : 27.7/22

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

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

Left: -198.281+/-1576.636 χ^2/NDF : 42.1/44

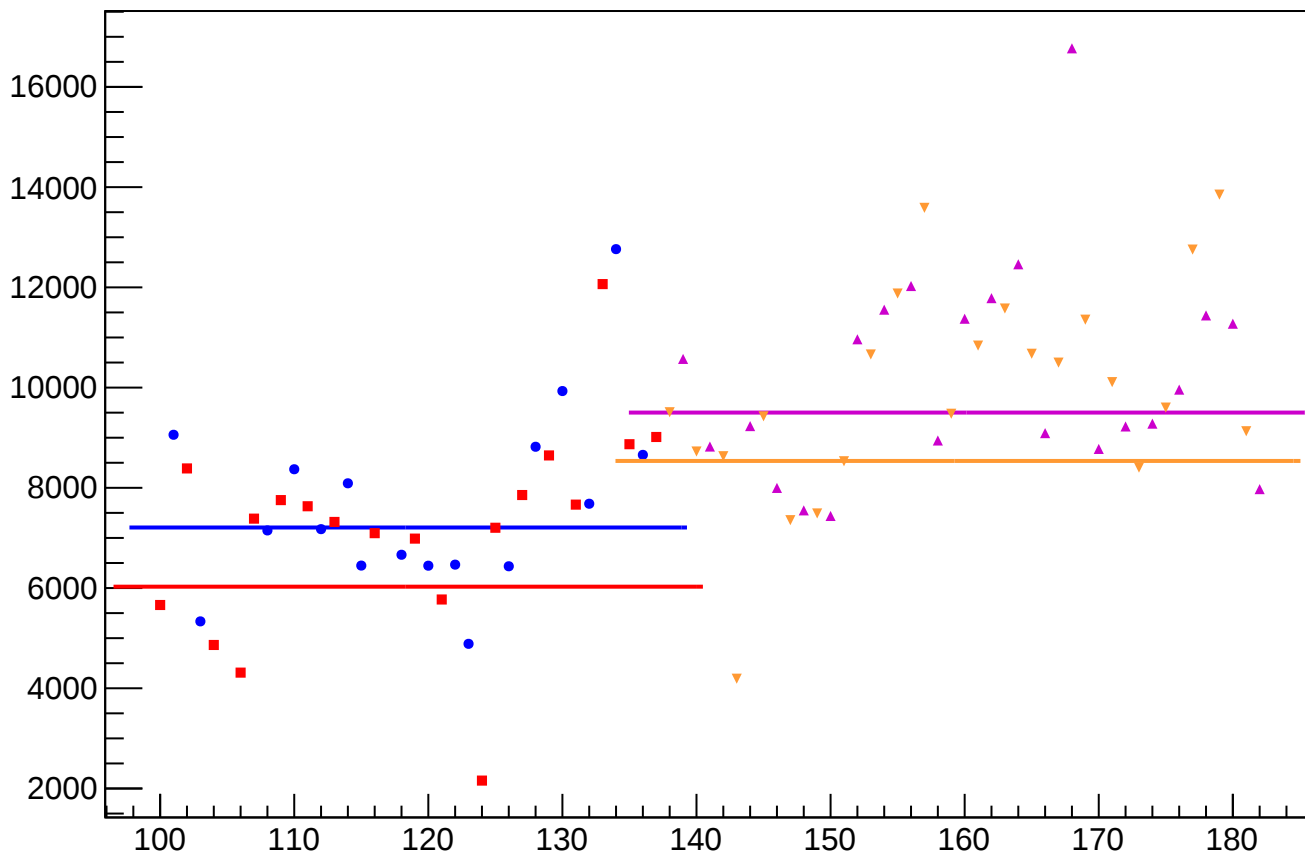
Right: -1470.363+/-1844.820 χ^2/NDF : 33.4/35

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

Out: -474.137+/-1606.351 χ^2/NDF : 46.2/41

All: -735.221+/-1198.559 χ^2/NDF : 75.8/80

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 8536.478+/-1.516 χ^2/NDF : 3004248.6/22

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

Left In: 9501.595+/-1.645 χ^2/NDF : 1121750.3/21

Left: 8979.824+/-1.115 χ^2/NDF : 4312117.5/44

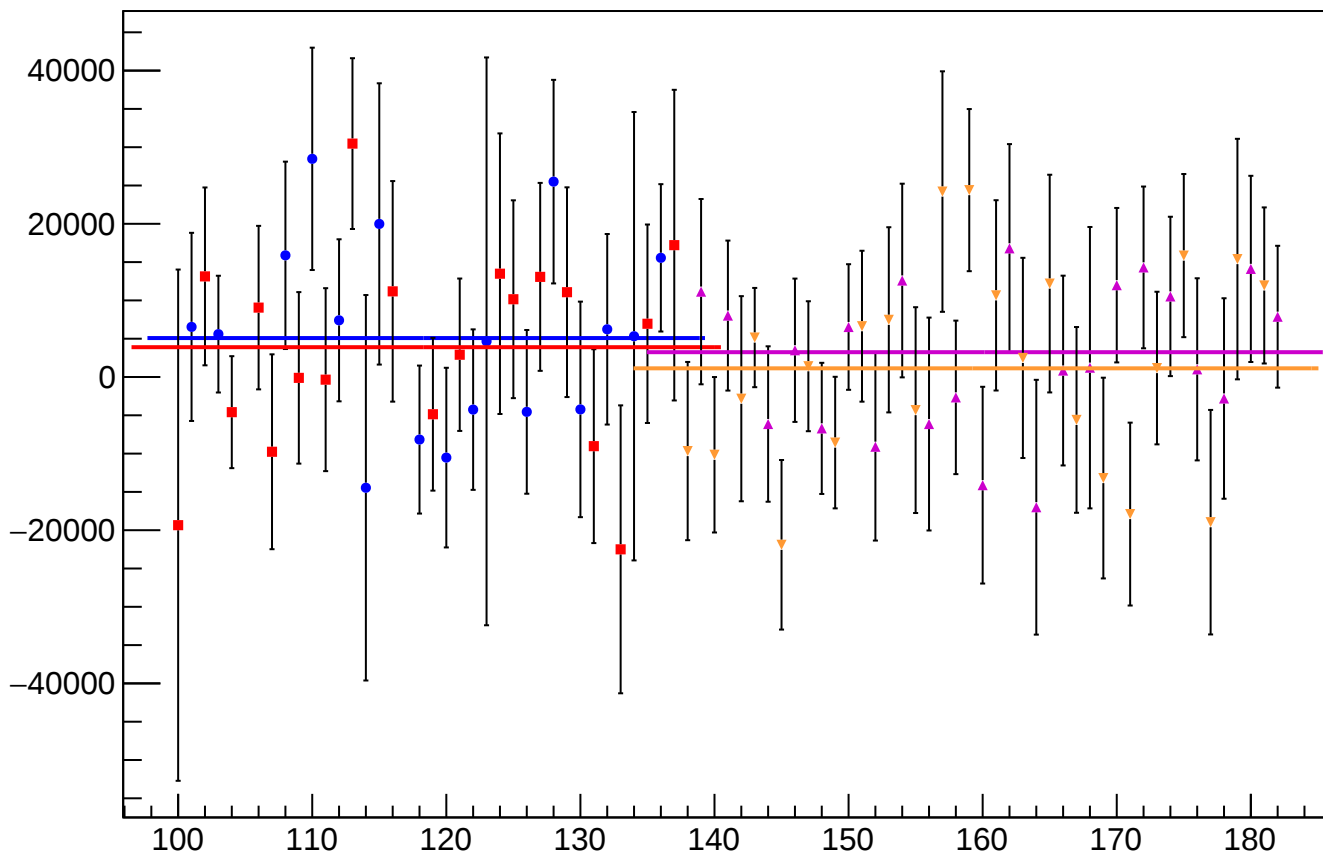
Right: 6524.876+/-1.304 χ^2/NDF : 2491712.1/35

In: 8581.732+/-1.273 χ^2/NDF : 2395157.3/38

Out: 7435.501+/-1.136 χ^2/NDF : 6004001.4/41

All: 7943.601+/-0.848 χ^2/NDF : 8850567.2/80

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 1133.136+/-2282.371 χ^2/NDF : 26.9/22

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

Left In: 3240.040+/-2363.934 χ^2/NDF : 13.4/21

Left: 2149.614+/-1641.958 χ^2/NDF : 40.7/44

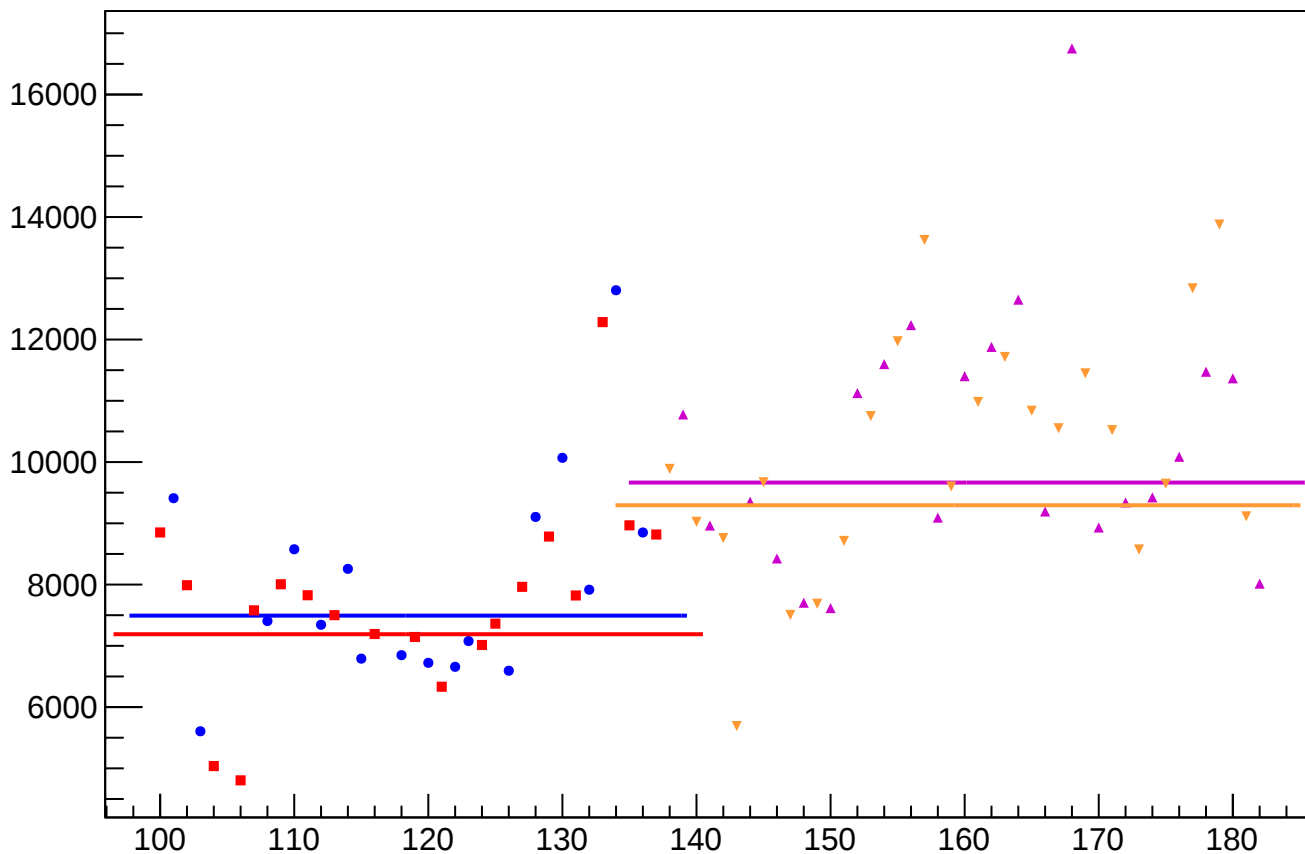
Right: 4454.101+/-2028.836 χ^2/NDF : 29.7/35

In: 3959.782+/-1846.002 χ^2/NDF : 27.6/38

Out: 2239.081+/-1766.637 χ^2/NDF : 43.2/41

All: 3061.648+/-1276.336 χ^2/NDF : 71.2/80

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 9294.924+/-1.614 χ^2/NDF :1585823.3/22

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

Left In: 9665.300+/-1.672 χ^2/NDF :1055899.1/21

Left: 9473.612+/-1.161 χ^2/NDF : 2667131.9/44

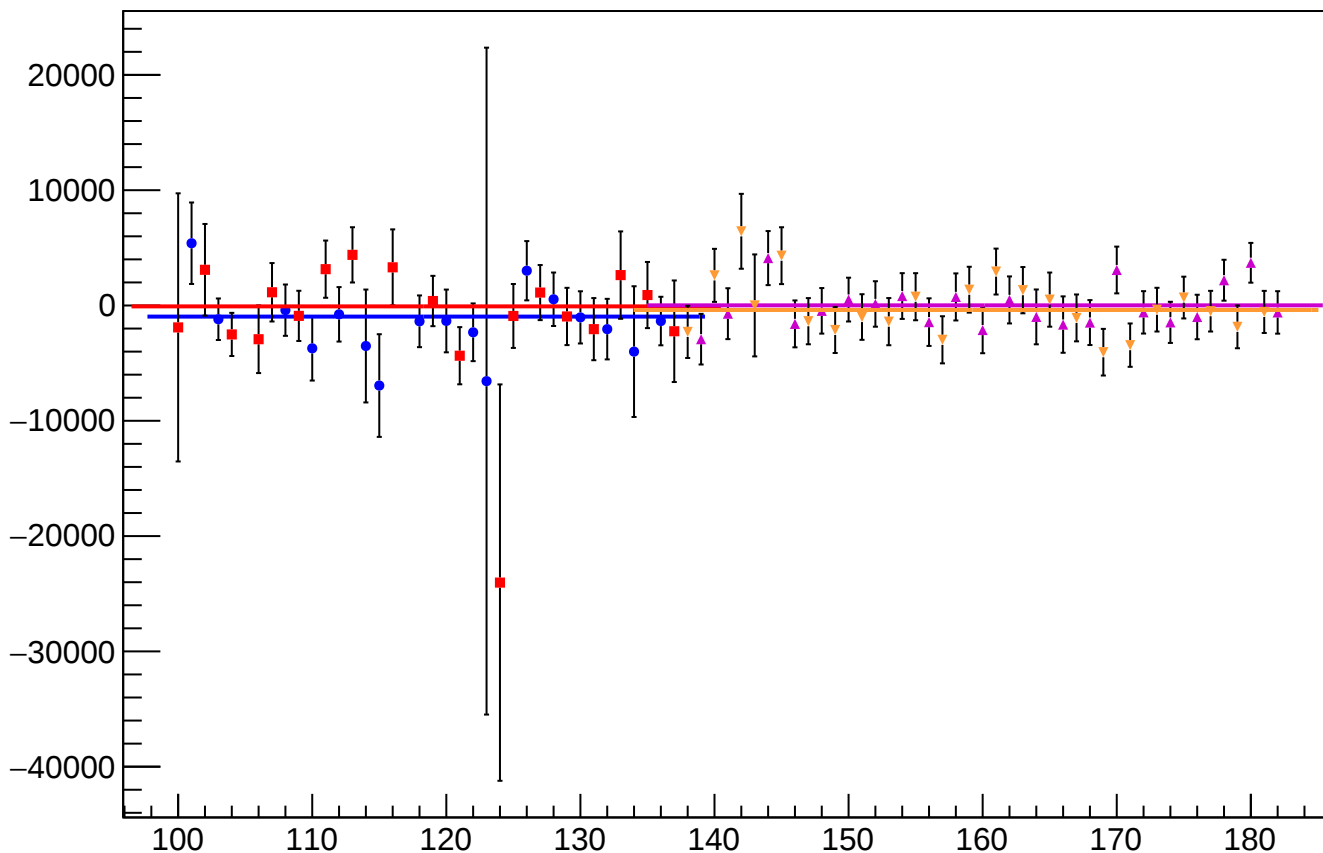
Right: 7332.491+/-1.434 χ^2/NDF : 1009125.7/35

In: 8817.629+/-1.305 χ^2/NDF :2152040.2/38

Out: 8450.798+/-1.249 χ^2/NDF :2829061.5/41

All: 8626.151+/-0.902 χ^2/NDF : 5022326.8/80

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -389.280 ± 431.630 χ^2/NDF : 25.2/22

Right Out: -76.747 ± 633.483 χ^2/NDF : 16.7/18

Left In: 13.624 ± 425.567 χ^2/NDF : 18.5/21

Left: -184.979 ± 303.042 χ^2/NDF : 44.1/44

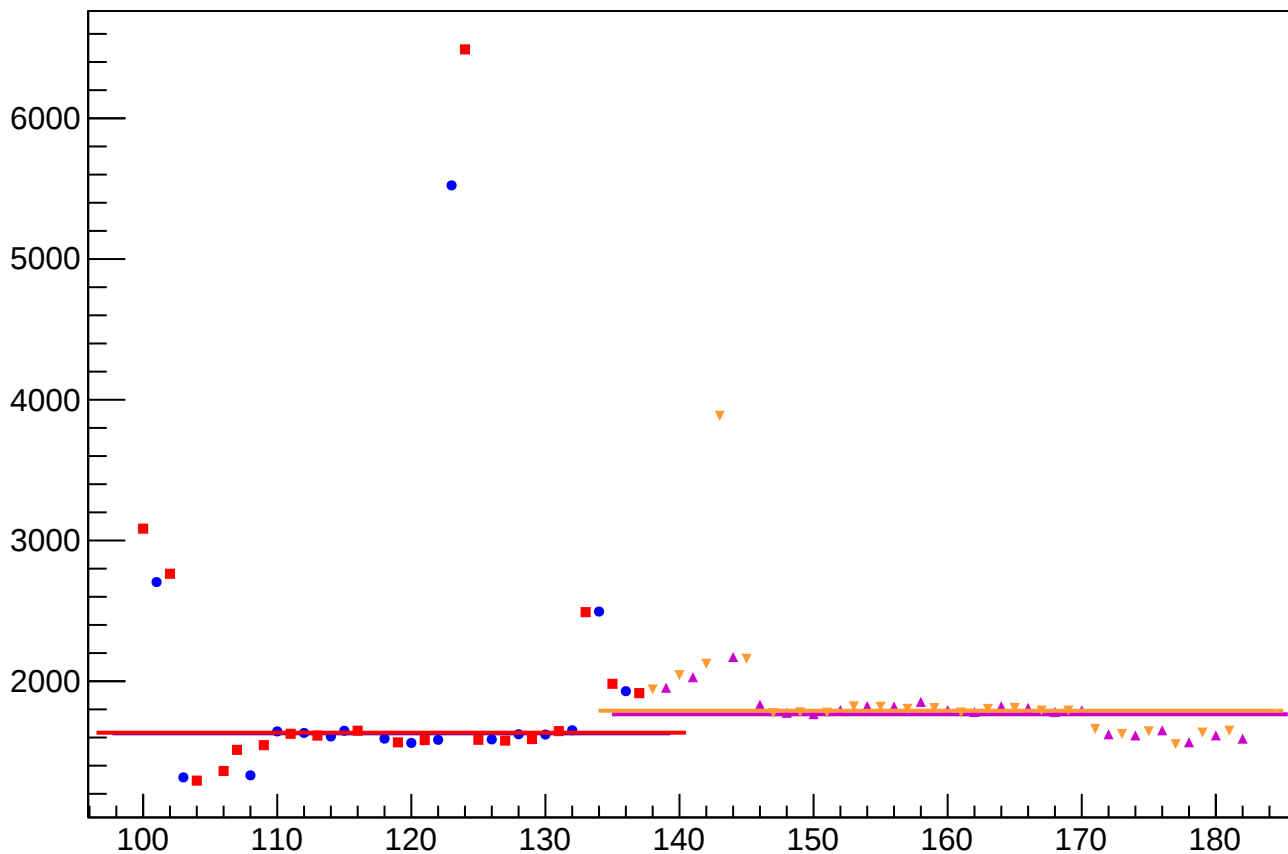
Right: -513.024 ± 451.276 χ^2/NDF : 27.8/35

In: -283.710 ± 354.885 χ^2/NDF : 30.1/38

Out: -290.189 ± 356.701 χ^2/NDF : 42.1/41

All: -286.933 ± 251.581 χ^2/NDF : 72.2/80

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1790.569 $\pm$ 0.305 χ^2 /NDF: 649920.3/22

Right Out: 1634.258 $\pm$ 0.448 χ^2 /NDF: 588649.4/18

Left In: 1764.993 $\pm$ 0.301 χ^2 /NDF: 207202.5/21

Left: 1777.600 $\pm$ 0.214 χ^2 /NDF: 860683.4/44

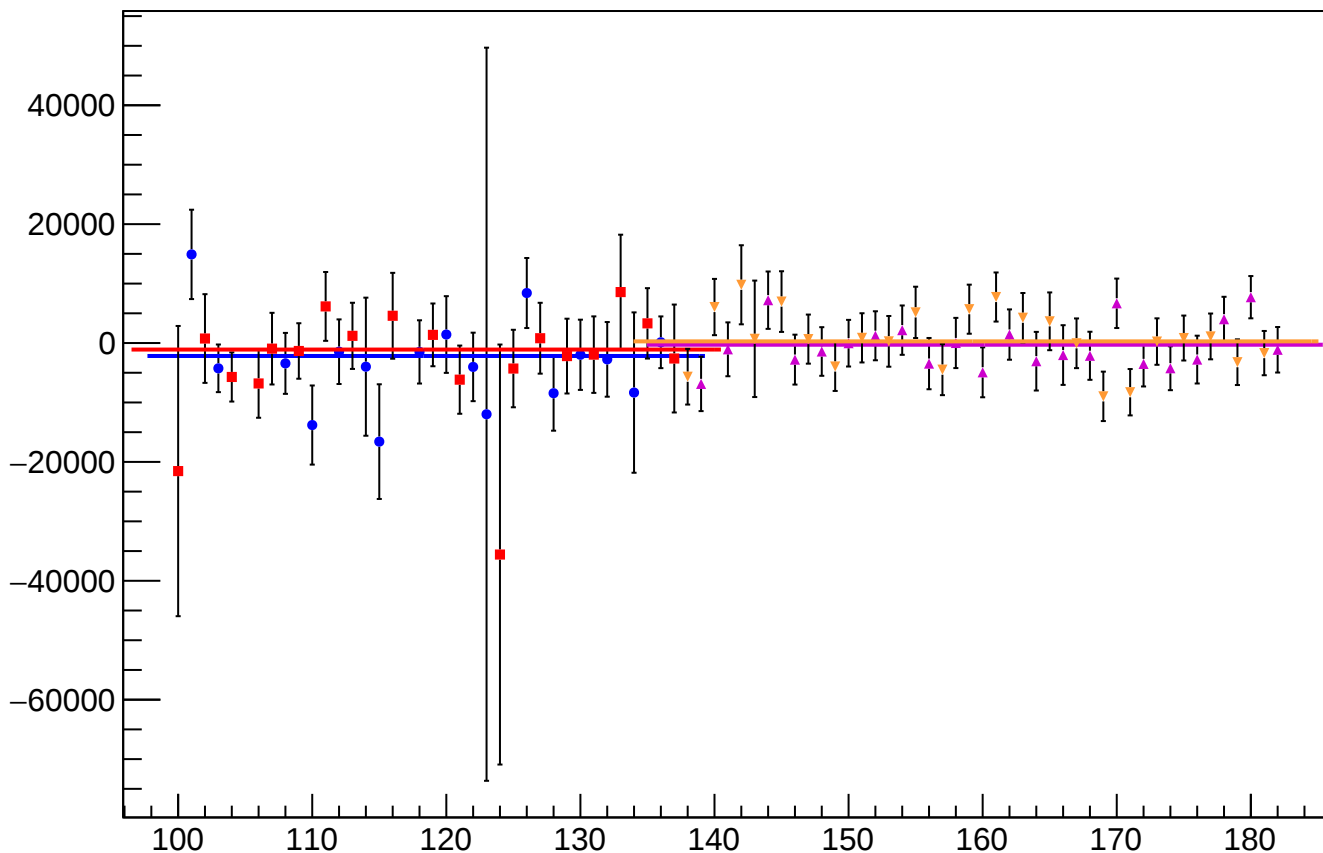
Right: 1632.138 $\pm$ 0.319 χ^2 /NDF: 996846.6/35

In: 1723.861 $\pm$ 0.251 χ^2 /NDF: 676693.1/38

Out: 1741.009 $\pm$ 0.252 χ^2 /NDF: 1321731.9/41

All: 1732.391 $\pm$ 0.178 χ^2 /NDF: 2000747.8/80

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 279.435 ± 897.447 $\chi^2/\text{NDF}: 27.8/22$

Right Out: -1098.345 ± 1439.820 $\chi^2/\text{NDF}: 9.3/18$

Left In: -286.125 ± 883.166 $\chi^2/\text{NDF}: 19.5/21$

Left: -7.881 ± 629.481 $\chi^2/\text{NDF}: 47.5/44$

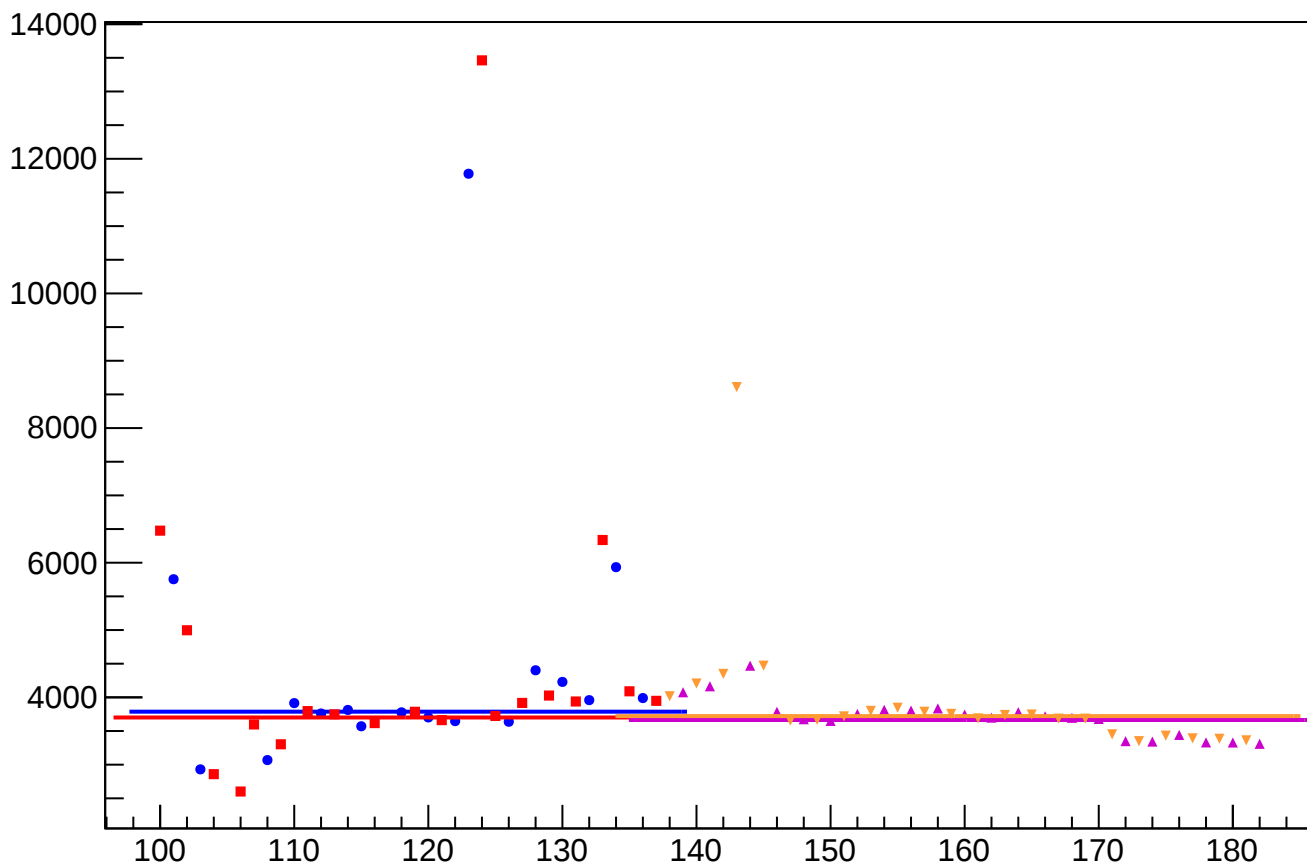
Right: -1619.192 ± 1036.406 $\chi^2/\text{NDF}: 25.5/35$

In: -776.835 ± 760.135 $\chi^2/\text{NDF}: 36.7/38$

Out: -106.072 ± 761.613 $\chi^2/\text{NDF}: 37.7/41$

All: -442.105 ± 538.019 $\chi^2/\text{NDF}: 74.8/80$

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3721.607 $\pm$ 0.635 χ^2/NDF : 680077.7/22

Right Out: 3700.932 $\pm$ 1.018 χ^2/NDF : 581094.9/18

Left In: 3663.659 $\pm$ 0.624 χ^2/NDF : 194758.7/21

Left: 3692.168 $\pm$ 0.445 χ^2/NDF : 879072.6/44

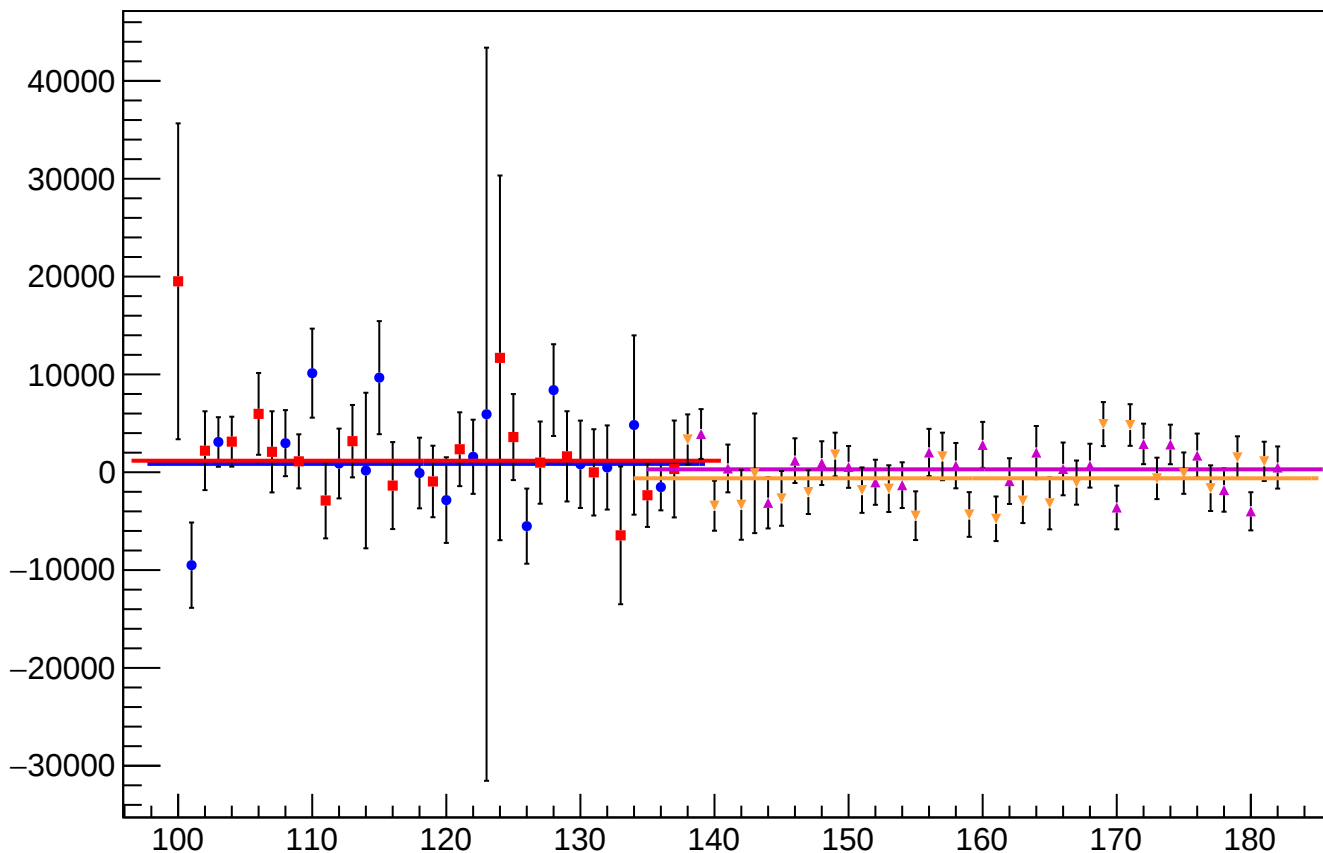
Right: 3742.549 $\pm$ 0.733 χ^2/NDF : 977213.6/35

In: 3695.708 $\pm$ 0.537 χ^2/NDF : 597570.3/38

Out: 3715.822 $\pm$ 0.539 χ^2/NDF : 1261469.6/41

All: 3705.746 $\pm$ 0.380 χ^2/NDF : 1859738.7/80

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -618.249 $\pm$ 496.618 χ^2/NDF : 32.5/22

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

Left In: 296.483 $\pm$ 487.864 χ^2/NDF : 19.5/21

Left: -152.750 $\pm$ 348.026 χ^2/NDF : 53.7/44

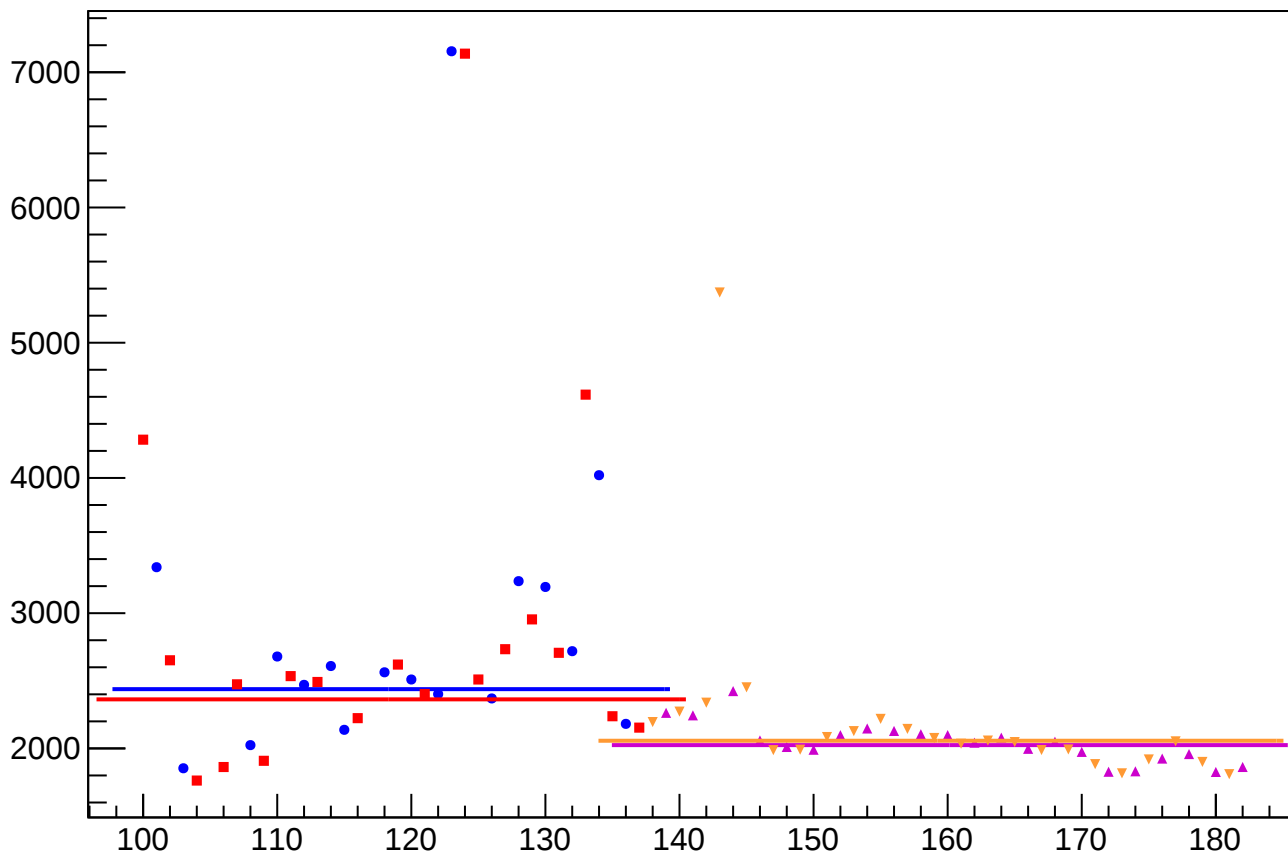
Right: 1023.765 $\pm$ 667.934 χ^2/NDF : 29.3/35

In: 410.465 $\pm$ 435.363 χ^2/NDF : 40.4/38

Out: -216.780 $\pm$ 437.616 χ^2/NDF : 43.9/41

All: 98.462 $\pm$ 308.642 χ^2/NDF : 85.4/80

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2056.751 $\pm$ 0.351 χ^2/NDF : 769129.6/22

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

Left In: 2024.431 $\pm$ 0.345 χ^2/NDF : 173836.4/21

Left: 2040.304 $\pm$ 0.246 χ^2/NDF : 947276.9/44

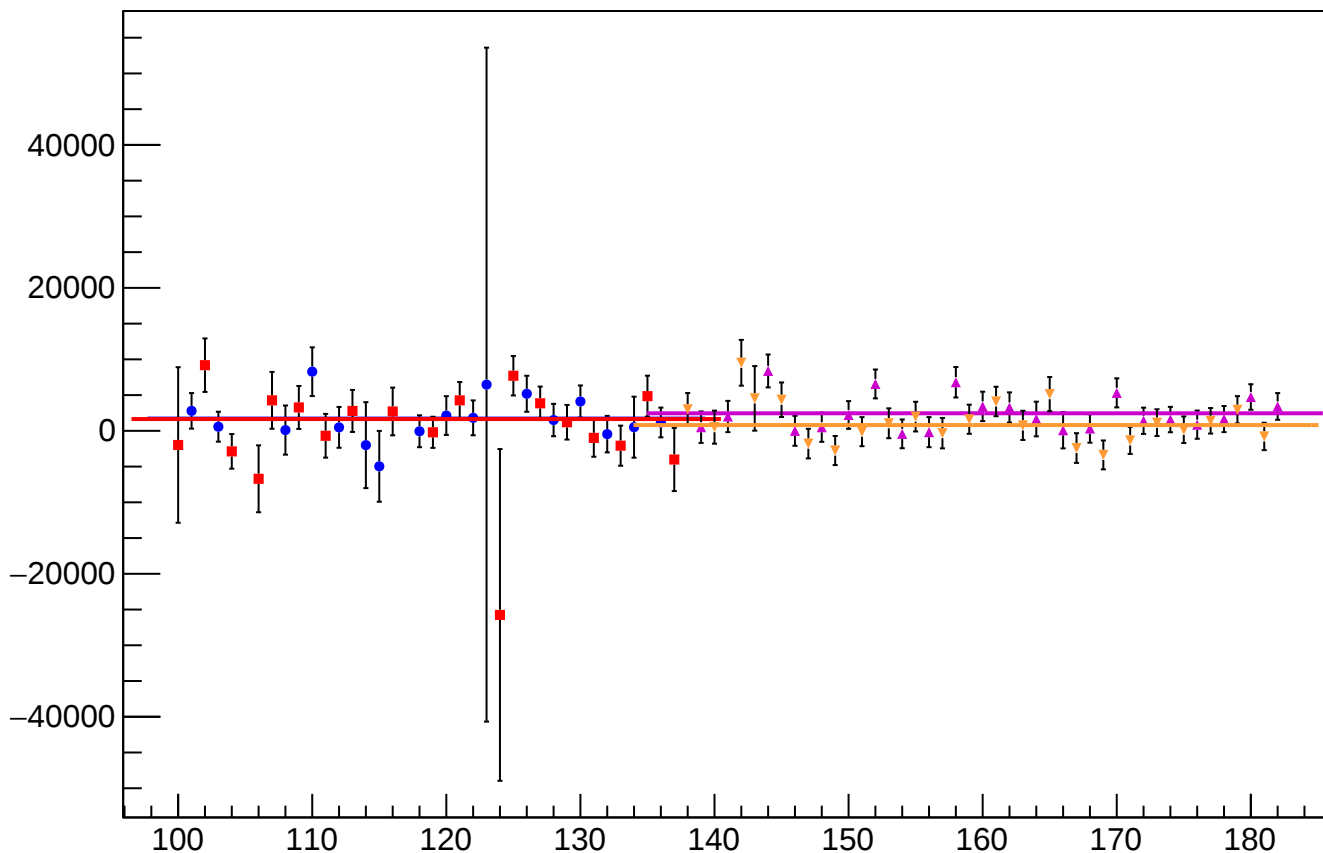
Right: 2398.946 $\pm$ 0.472 χ^2/NDF : 1140632.3/35

In: 2108.710 $\pm$ 0.308 χ^2/NDF : 943640.4/38

Out: 2125.140 $\pm$ 0.309 χ^2/NDF : 1596350.9/41

All: 2116.882 $\pm$ 0.218 χ^2/NDF : 2541408.2/80

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 807.062 $\pm$ 439.533 χ^2/NDF : 32.8/22

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

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

Left: 1643.035 $\pm$ 308.589 χ^2/NDF : 69.3/44

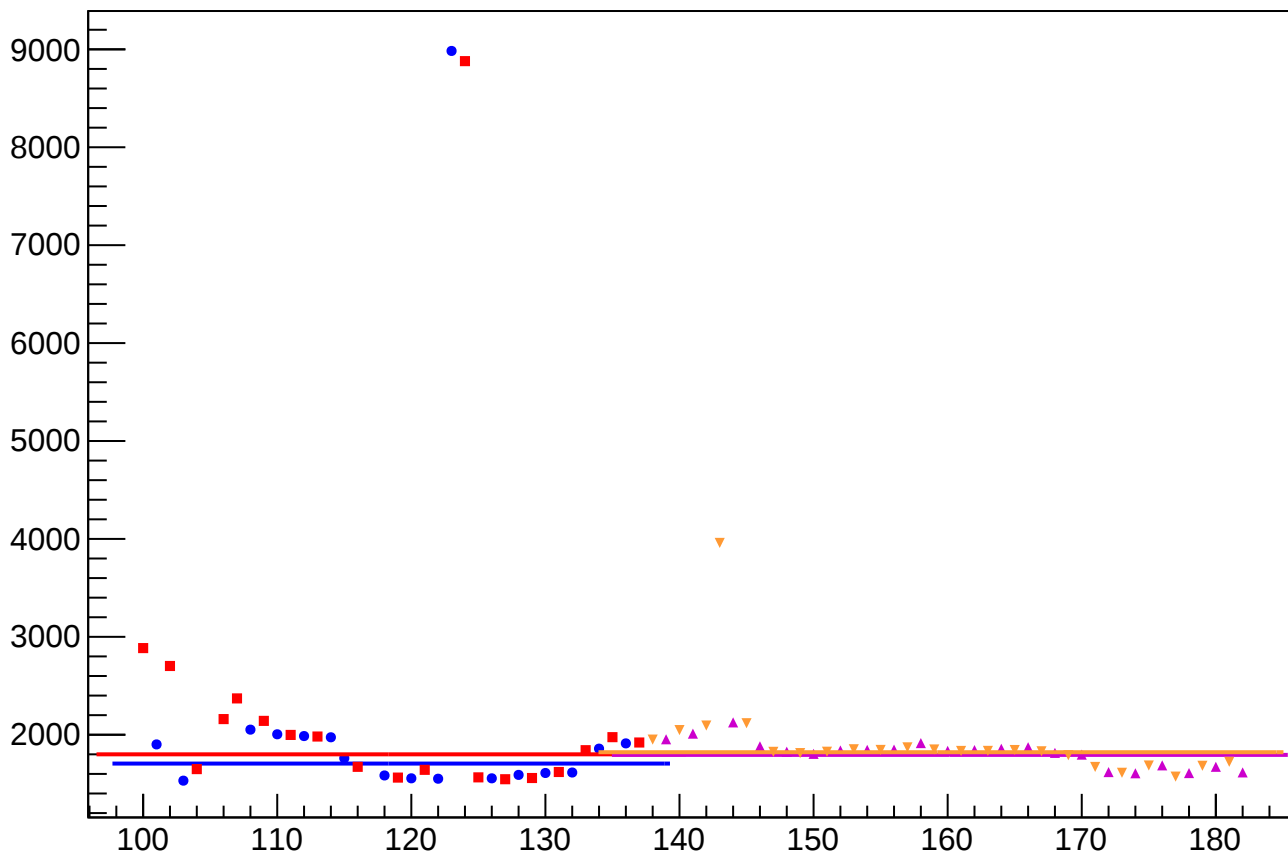
Right: 1682.780 $\pm$ 481.052 χ^2/NDF : 38.3/35

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

Out: 1048.388 $\pm$ 371.370 χ^2/NDF : 60.8/41

All: 1654.622 $\pm$ 259.740 χ^2/NDF : 107.7/80

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1821.615 $\pm$ 0.311 χ^2 /NDF: 623851.6/22

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

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

Left: 1807.744 $\pm$ 0.218 χ^2 /NDF: 813721.1/44

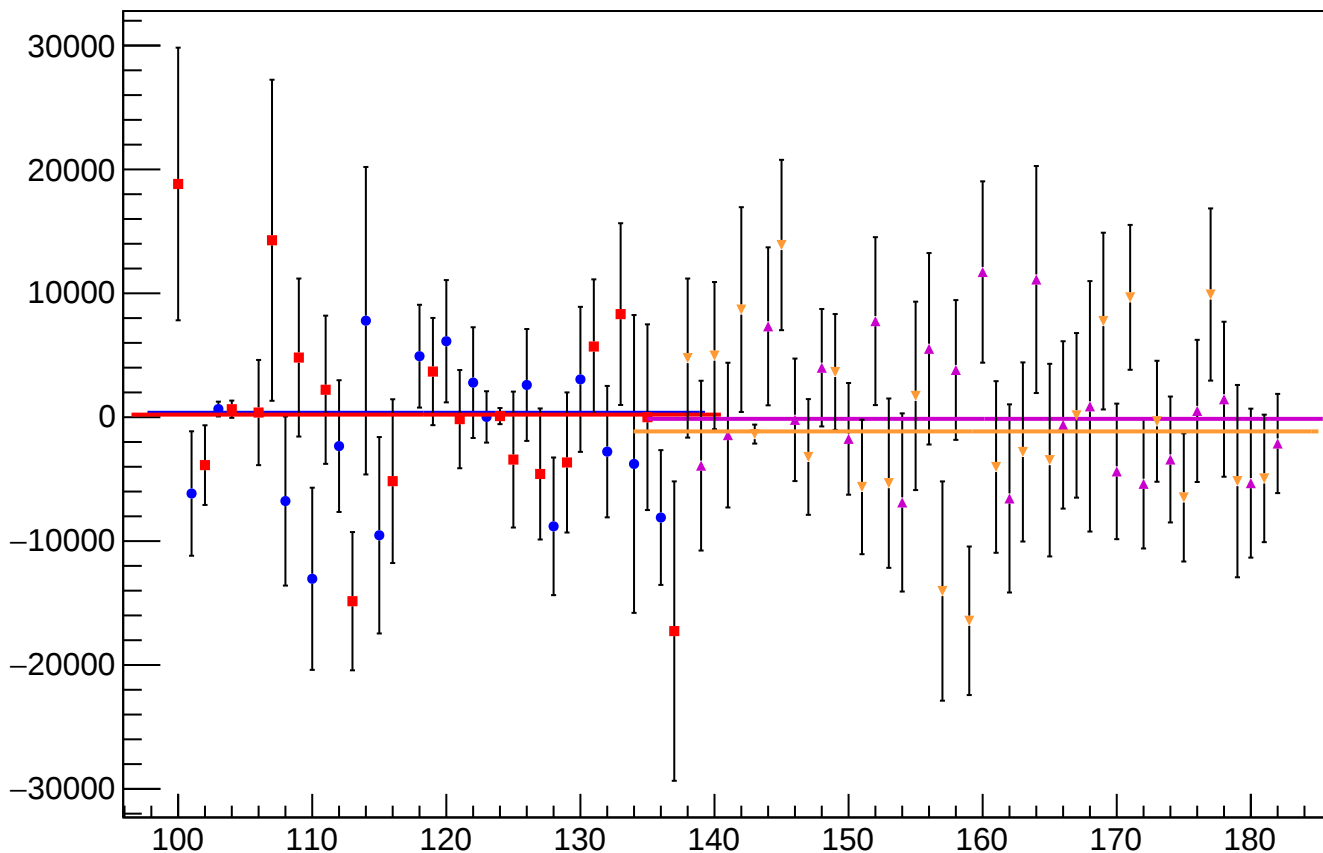
Right: 1751.031 $\pm$ 0.340 χ^2 /NDF: 752208.6/35

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

Out: 1815.409 $\pm$ 0.262 χ^2 /NDF: 1164020.7/41

All: 1791.185 $\pm$ 0.184 χ^2 /NDF: 1585652.5/80

asym_atl_avg_correction_mean vs Slug, Sign Corrected



Right In: 357.025+/-533.209 χ^2/NDF : 17.5/16

Left Out: -1146.600+/-662.342 χ^2/NDF :29.0/22

Right Out: 209.907+/-446.627 χ^2/NDF : 21.4/18

Left In: -132.810+/-1256.340 χ^2/NDF :13.8/21

Left: -926.111+/-585.905 χ^2/NDF : 43.4/44

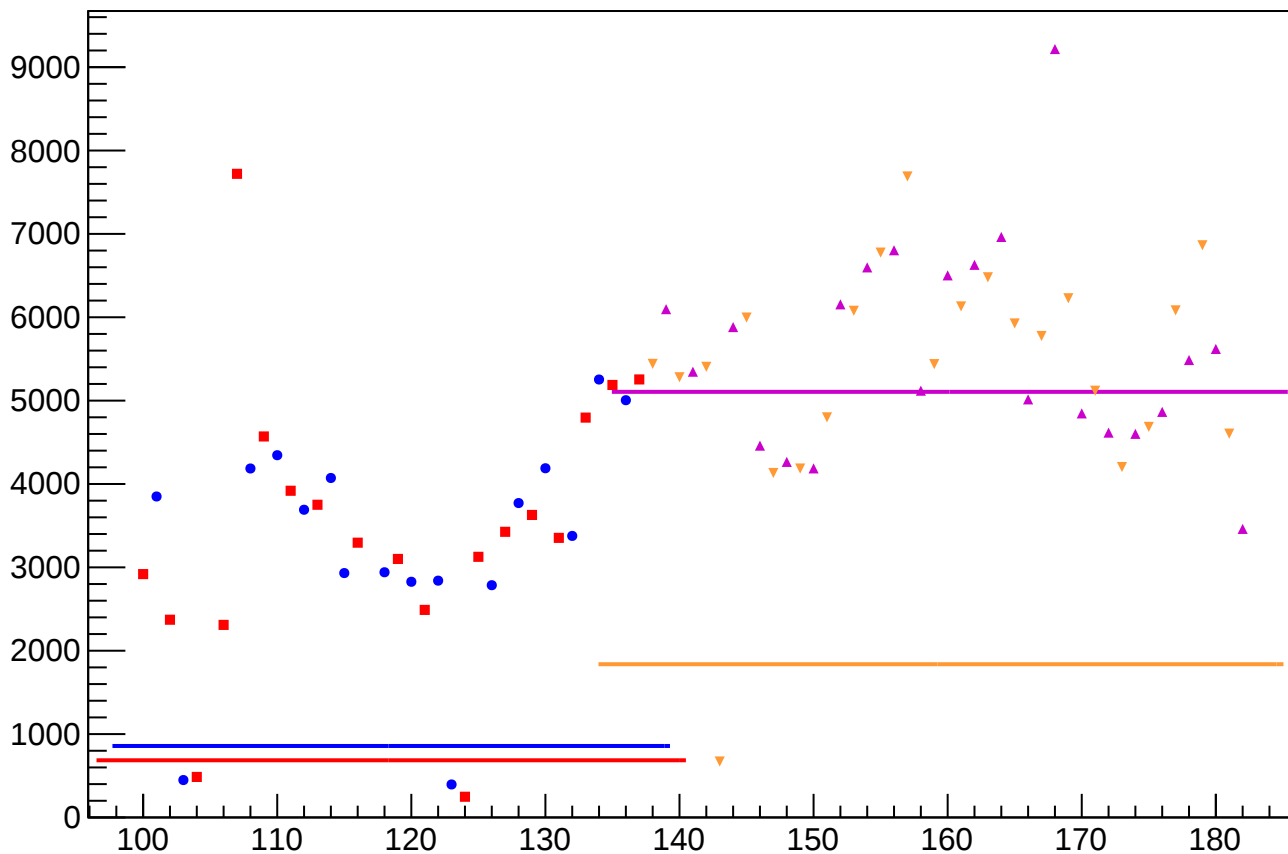
Right: 270.567+/-342.385 χ^2/NDF : 38.9/35

In: 282.259+/-490.832 χ^2/NDF :31.4/38

Out: -214.101+/-370.304 χ^2/NDF :53.3/41

All: -34.059+/-295.612 χ^2/NDF : 85.4/80

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1838.034 $\pm$ 0.468 χ^2 /NDF:19310142.3/22

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

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

Left: 2548.639 $\pm$ 0.414 χ^2 /NDF: 31352186.2/44

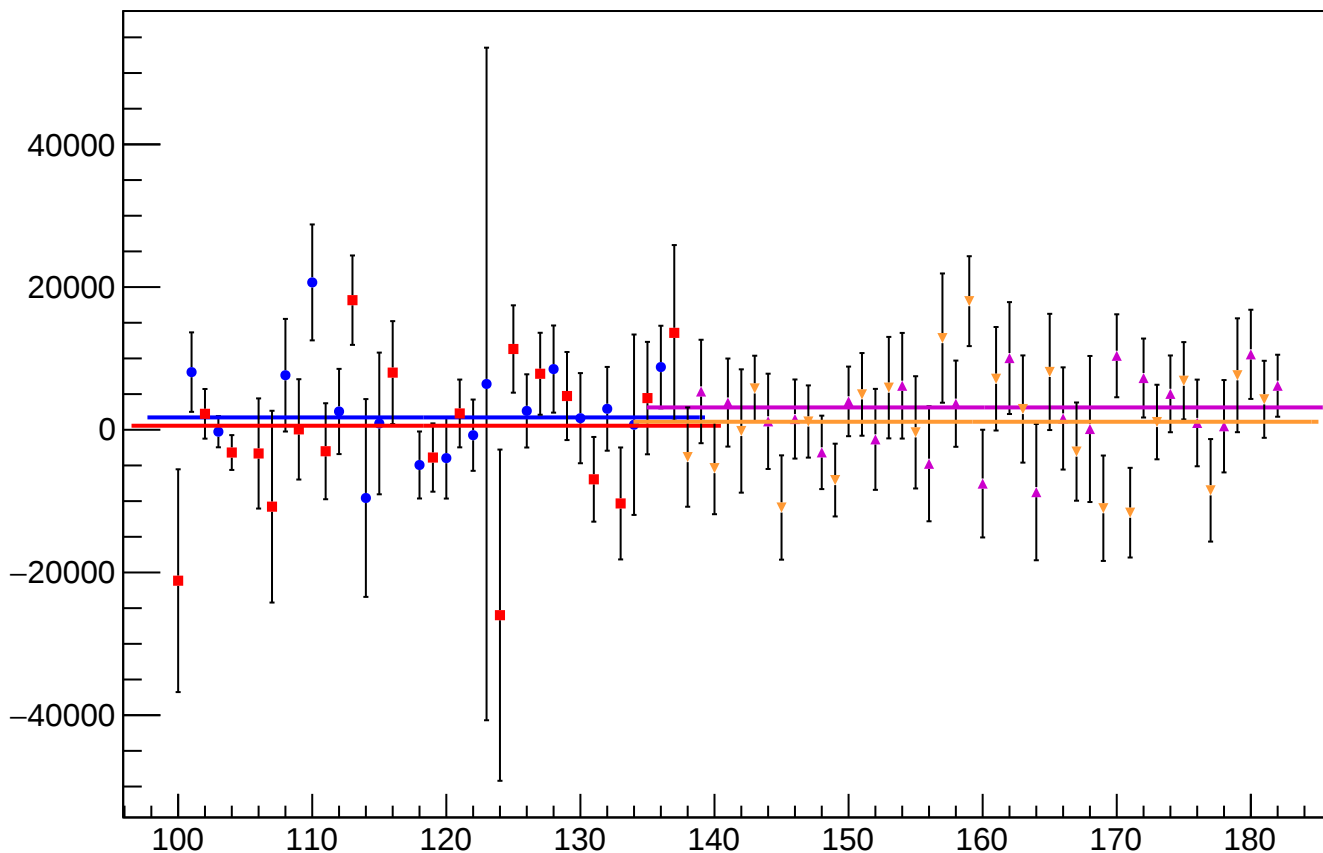
Right: 756.584 $\pm$ 0.242 χ^2 /NDF: 17758209.4/35

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

Out: 1045.957 $\pm$ 0.262 χ^2 /NDF:32932021.5/41

All: 1212.768 $\pm$ 0.209 χ^2 /NDF: 63057754.3/8

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1124.193+/-1334.425 χ^2/NDF :30.2/22

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

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

Left: 2128.455+/-943.741 χ^2/NDF : 43.6/44

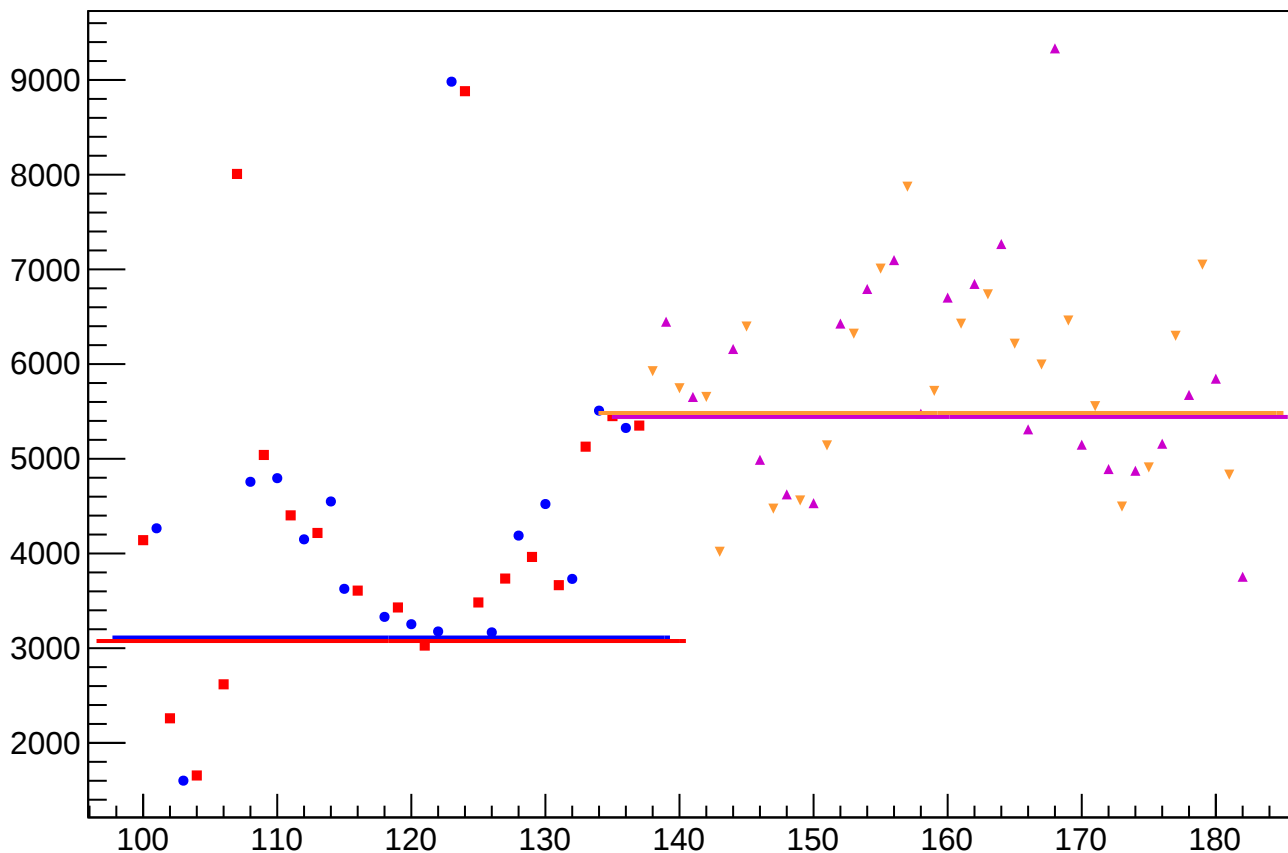
Right: 1141.943+/-915.959 χ^2/NDF : 42.4/35

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

Out: 835.413+/-926.101 χ^2/NDF :57.4/41

All: 1620.464+/-657.283 χ^2/NDF : 86.5/80

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5483.516 $\pm$ 0.944 χ^2 /NDF: 1022350.7/22

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

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

Left: 5462.616 $\pm$ 0.667 χ^2 /NDF: 2257652.4/44

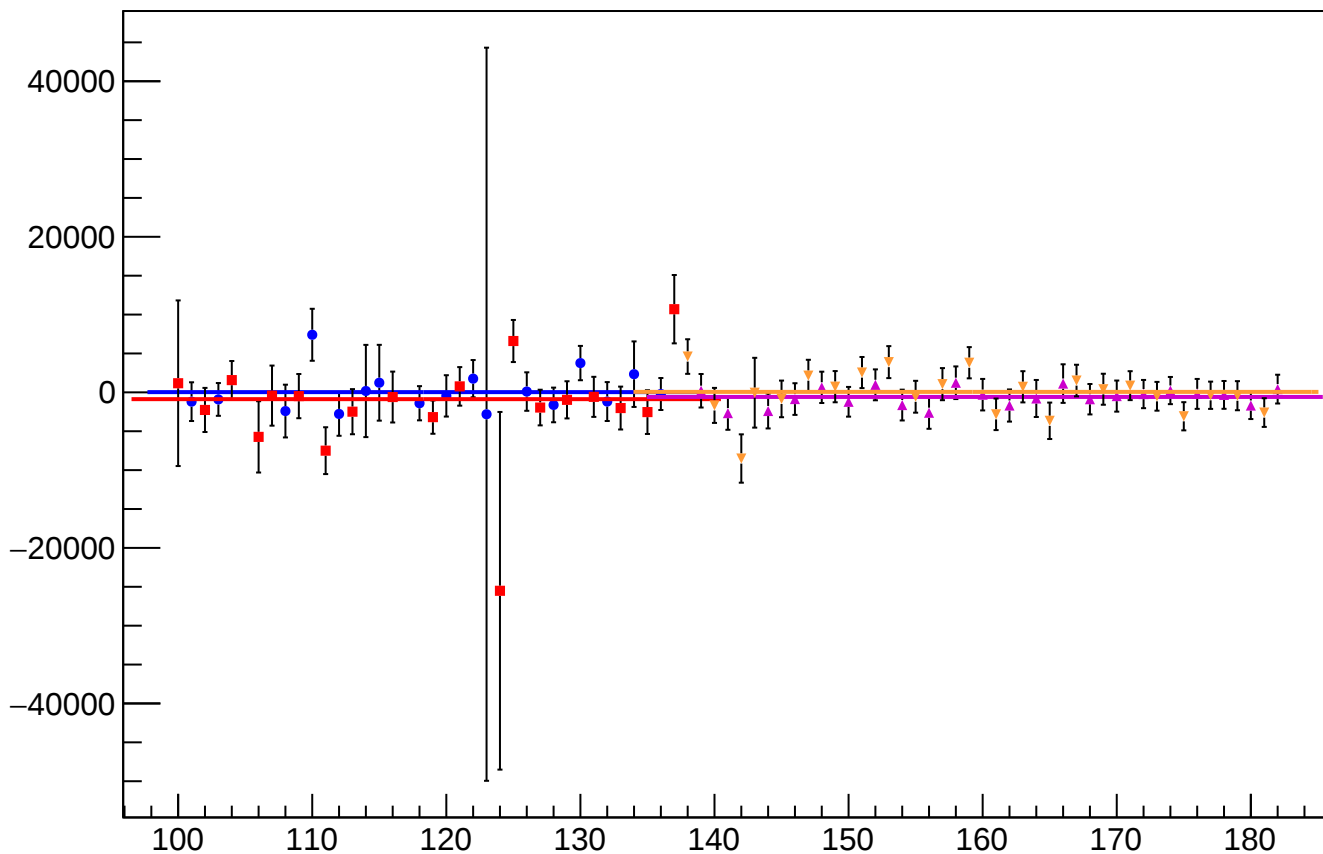
Right: 3093.663 $\pm$ 0.643 χ^2 /NDF: 3896339.1/35

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

Out: 4217.893 $\pm$ 0.650 χ^2 /NDF: 6456052.1/41

All: 4233.942 $\pm$ 0.463 χ^2 /NDF: 12690070.2/80

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 59.586+/-430.715 χ^2/NDF : 33.2/22

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

Left In: -590.998+/-425.269 χ^2/NDF : 6.7/21

Left: -269.845+/-302.618 χ^2/NDF : 41.0/44

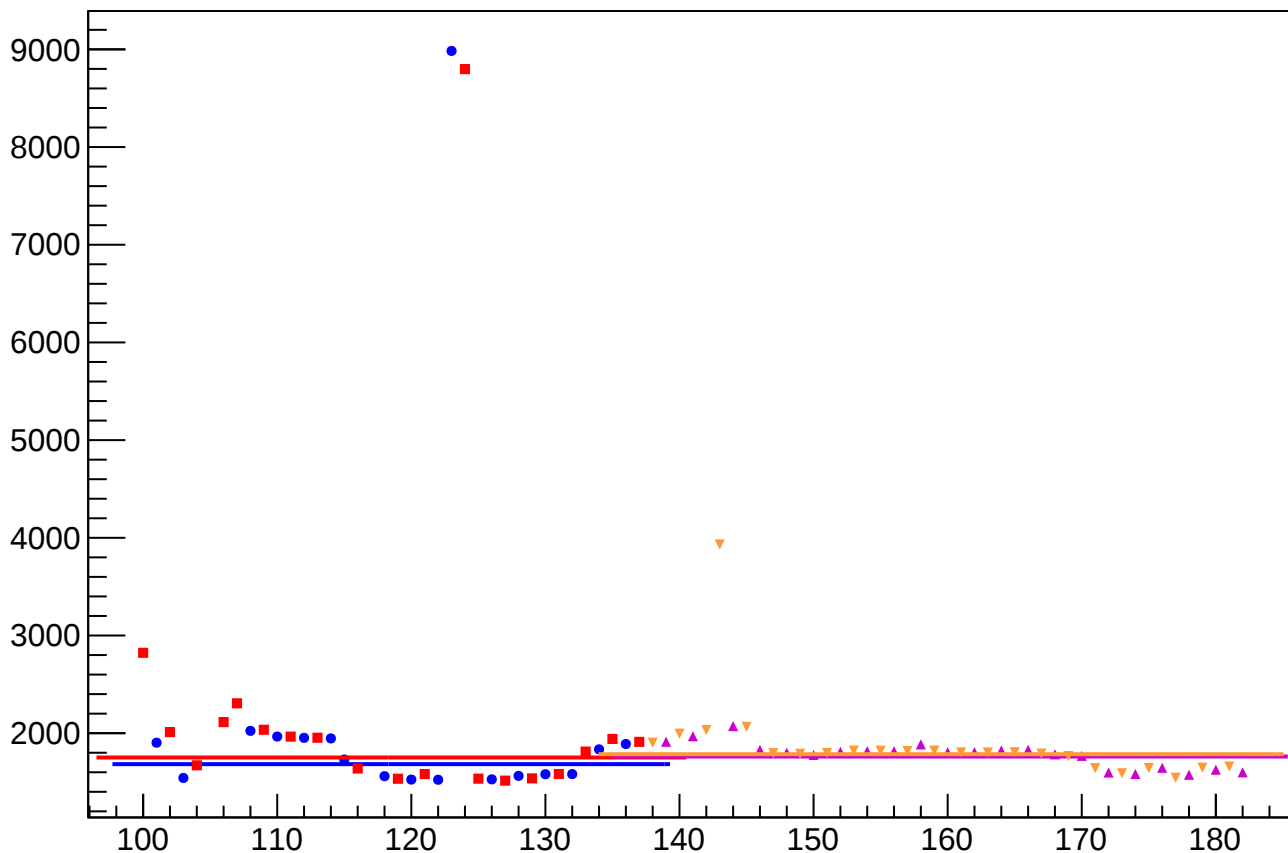
Right: -412.596+/-470.731 χ^2/NDF : 38.4/35

In: -408.451+/-357.230 χ^2/NDF : 19.1/38

Out: -211.671+/-362.823 χ^2/NDF : 60.2/41

All: -311.589+/-254.554 χ^2/NDF : 79.5/80

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1785.075+/-0.305 χ^2/NDF : 629326.7/22

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

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

Left: 1772.918+/-0.214 χ^2/NDF : 812698.7/44

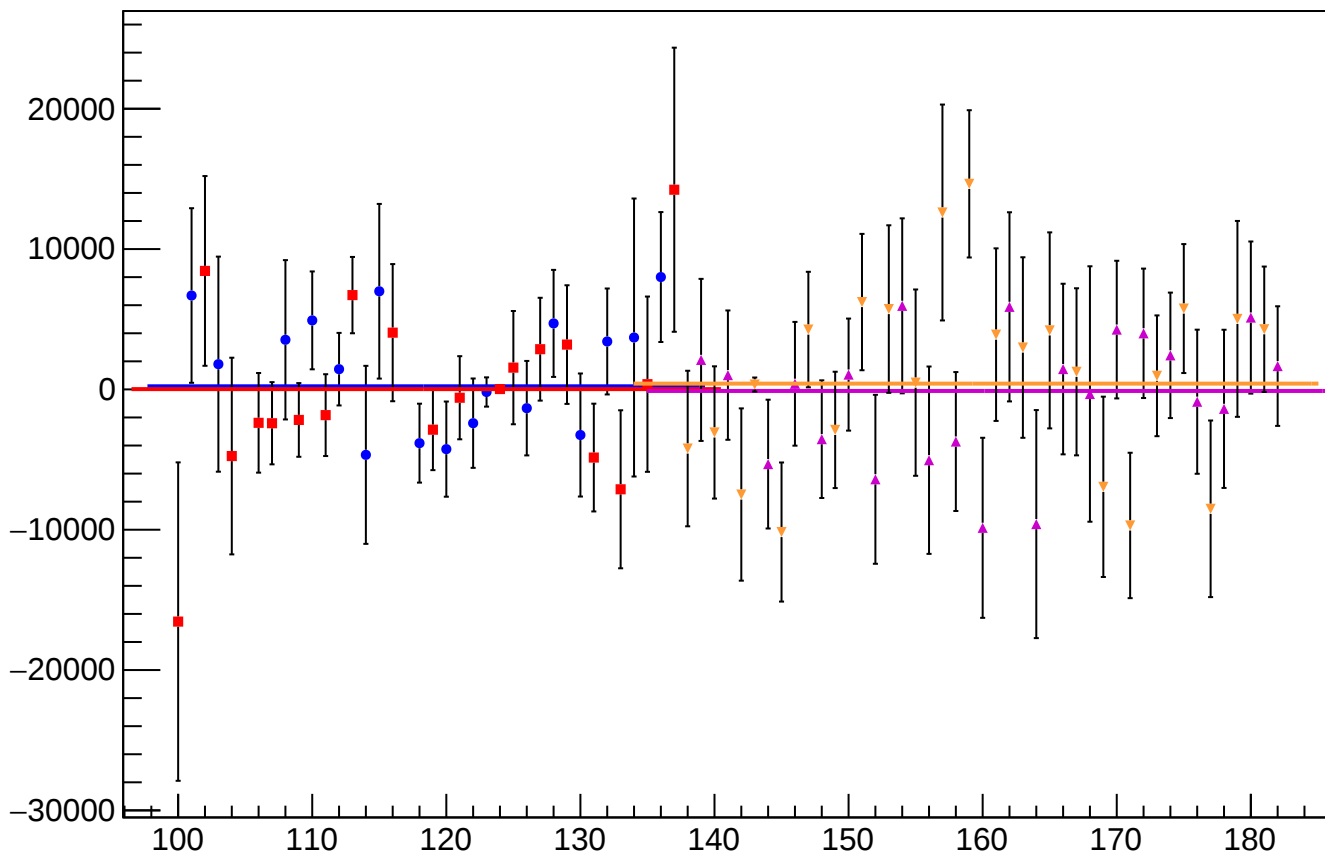
Right: 1716.421+/-0.332 χ^2/NDF : 633367.1/35

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

Out: 1775.174+/-0.256 χ^2/NDF : 1060024.6/41

All: 1756.372+/-0.180 χ^2/NDF : 1466481.8/80

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 411.444+/-457.493 χ^2/NDF : 31.6/22

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

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

Left: 335.708+/-423.043 χ^2/NDF : 44.7/44

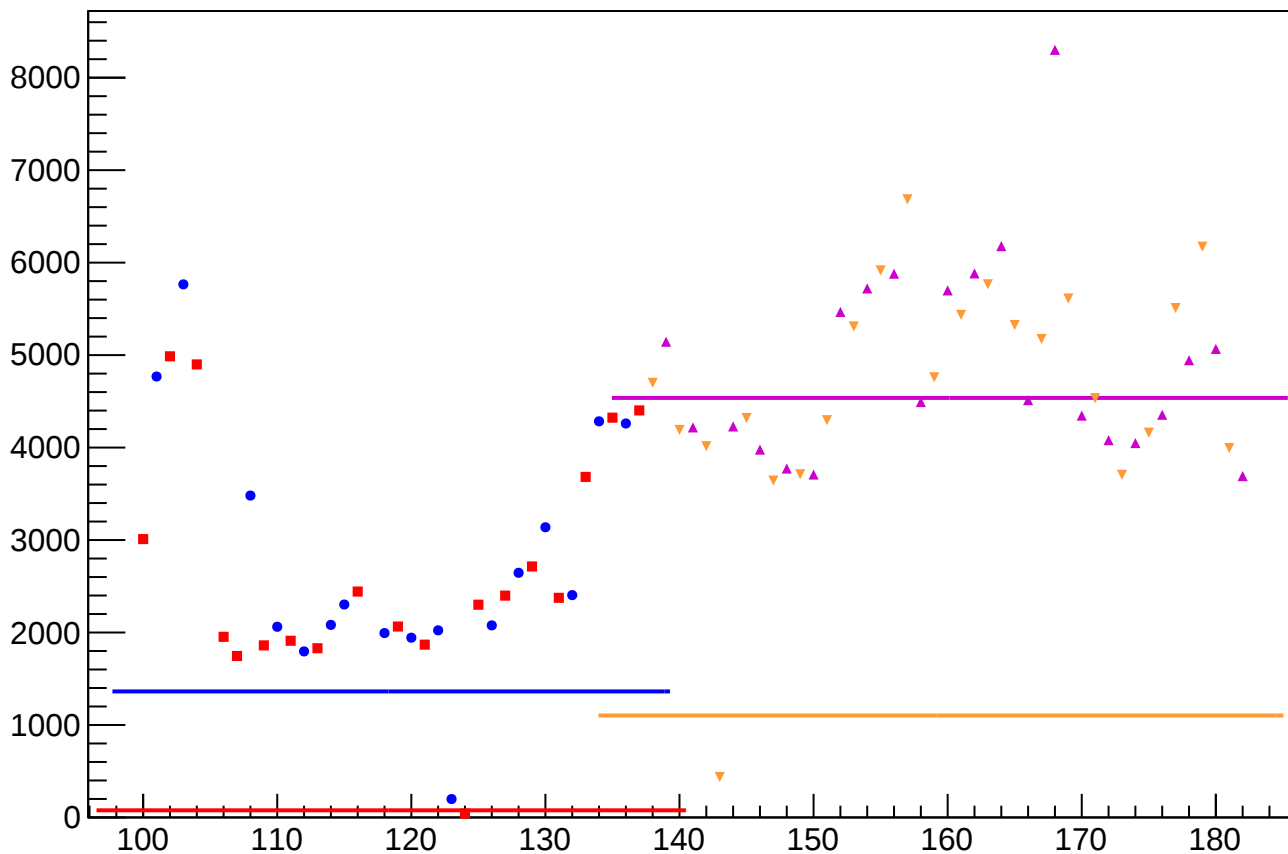
Right: 25.147+/-112.726 χ^2/NDF : 36.6/35

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

Out: 43.186+/-110.736 χ^2/NDF : 52.9/41

All: 45.736+/-108.925 χ^2/NDF : 81.8/80

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1102.741 $\pm$ 0.323 χ^2 /NDF: 23088837.2/22

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

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

Left: 1600.486 $\pm$ 0.299 χ^2 /NDF: 40575904.0/44

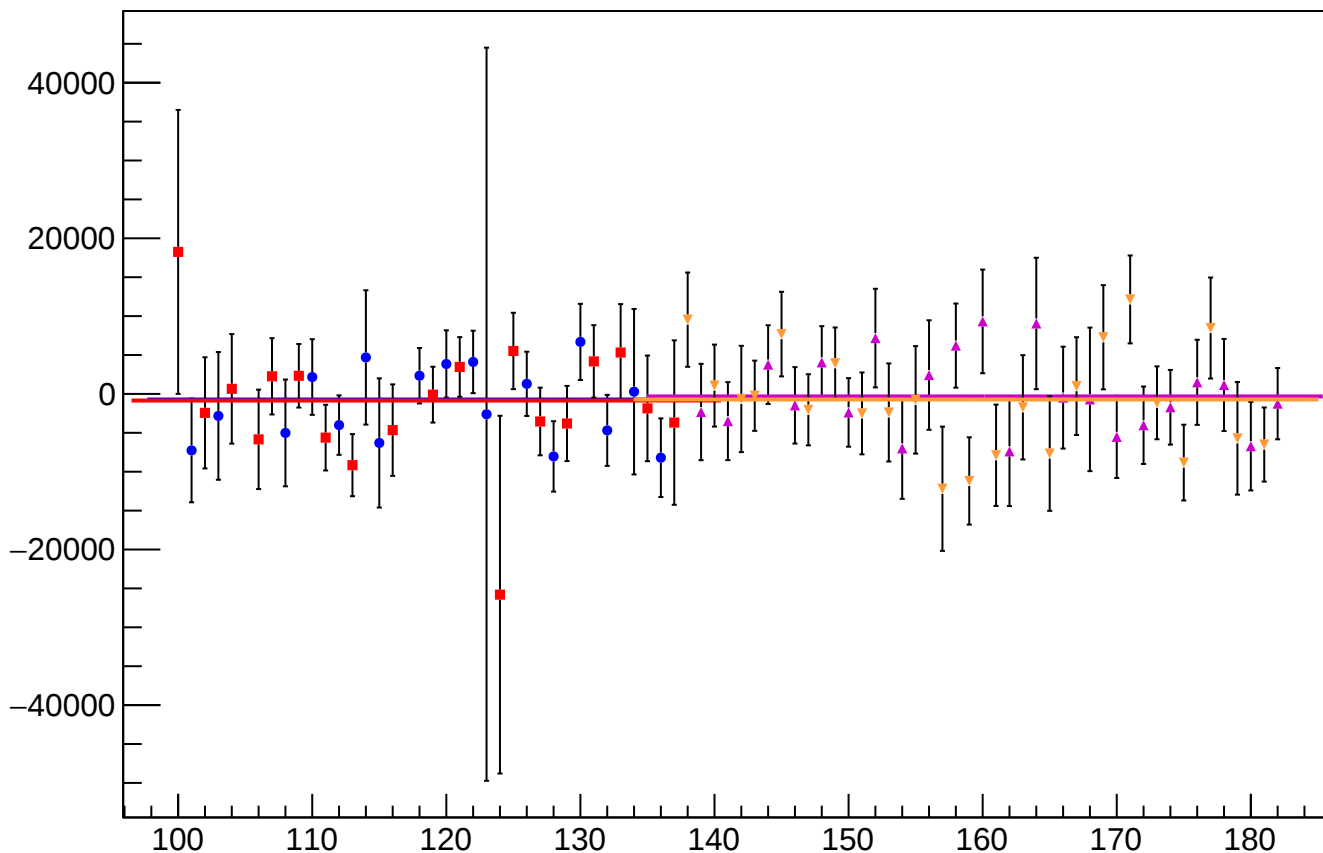
Right: 108.564 $\pm$ 0.080 χ^2 /NDF: 25689718.3/35

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

Out: 137.217 $\pm$ 0.078 χ^2 /NDF: 45799405.6/41

All: 207.473 $\pm$ 0.077 χ^2 /NDF: 89490986.4/80

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -715.083+/-1186.604 χ^2/NDF : 27.8/22

Right Out: -849.844+/-1191.907 χ^2/NDF : 16.0/18

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

Left: -521.605+/-842.378 χ^2/NDF : 41.6/44

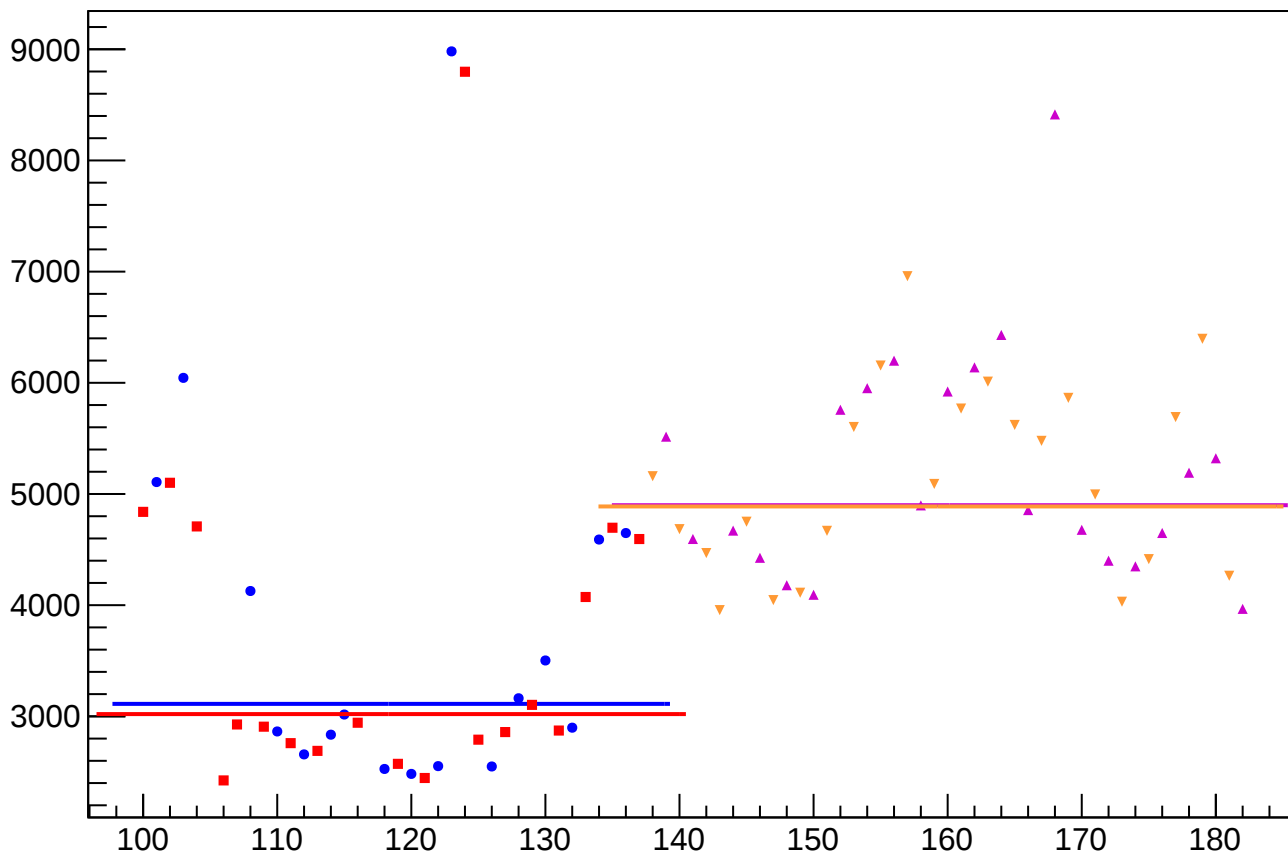
Right: -788.845+/-863.438 χ^2/NDF : 30.8/35

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

Out: -782.163+/-840.924 χ^2/NDF : 43.8/41

All: -651.926+/-602.959 χ^2/NDF : 72.4/80

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4887.899 $\pm$ 0.839 χ^2 /NDF: 870422.0/22

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

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

Left: 4893.428 $\pm$ 0.596 χ^2 /NDF: 1810840.5/44

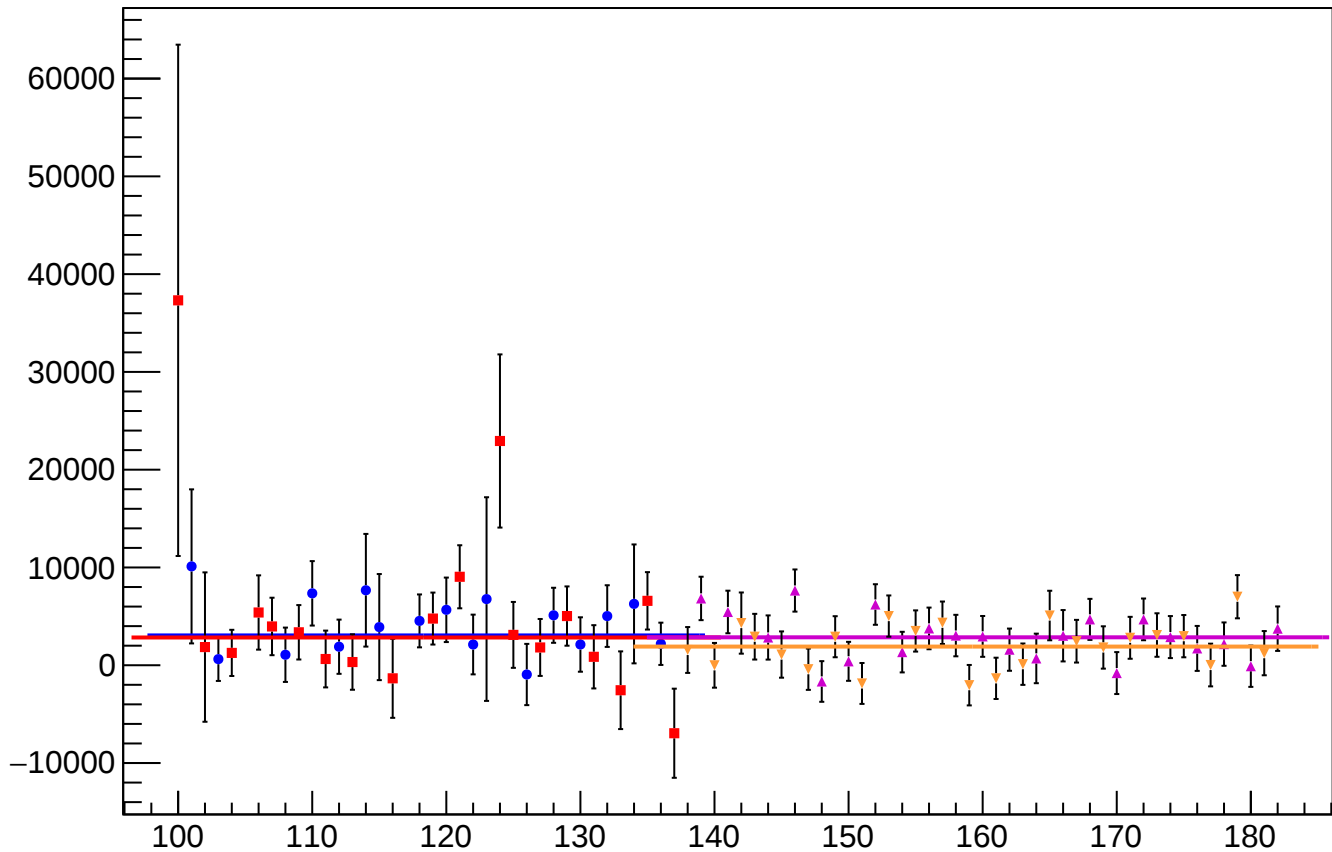
Right: 3063.446 $\pm$ 0.607 χ^2 /NDF: 1758429.8/35

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

Out: 3946.578 $\pm$ 0.591 χ^2 /NDF: 4161680.8/41

All: 3994.967 $\pm$ 0.425 χ^2 /NDF: 8203336.3/80

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1908.541+/-462.120 χ^2/NDF :25.6/22

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

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

Left: 2381.203+/-327.333 χ^2/NDF : 54.7/44

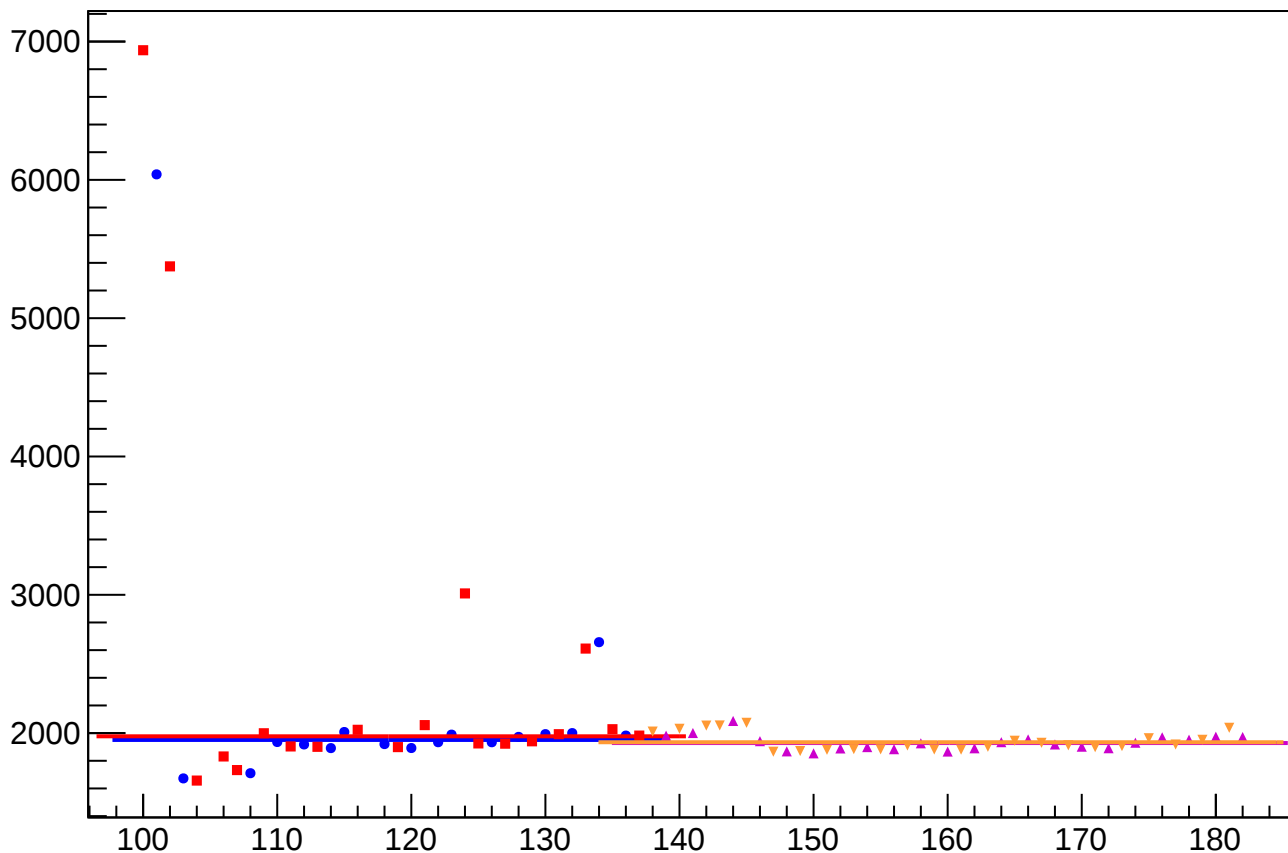
Right: 2943.024+/-543.823 χ^2/NDF : 33.1/35

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

Out: 2156.806+/-395.673 χ^2/NDF :50.4/41

All: 2530.617+/-280.449 χ^2/NDF : 88.6/80

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1934.080 $\pm$ 0.327 χ^2 /NDF: 38095.6/22

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

Left In: 1928.291 $\pm$ 0.328 χ^2 /NDF: 25991.8/21

Left: 1931.196 $\pm$ 0.231 χ^2 /NDF: 64243.8/44

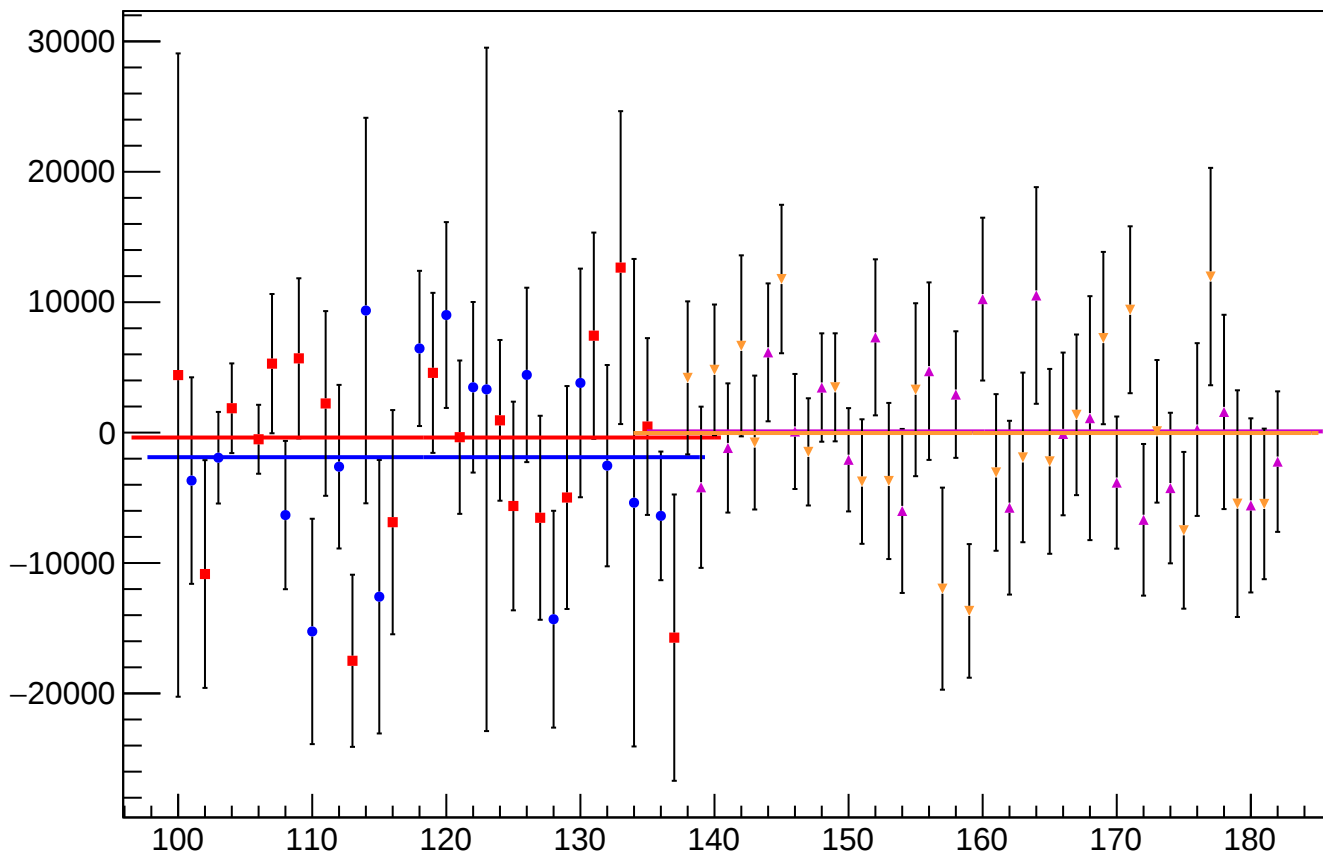
Right: 1963.954 $\pm$ 0.384 χ^2 /NDF: 1224040.7/35

In: 1934.227 $\pm$ 0.281 χ^2 /NDF: 642393.8/38

Out: 1945.540 $\pm$ 0.280 χ^2 /NDF: 650406.4/41

All: 1939.912 $\pm$ 0.198 χ^2 /NDF: 1293613.9/80

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -32.162+/-1204.829 χ^2/NDF : 27.0/22

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

Left In: 93.698+/-1204.746 χ^2/NDF : 14.5/21

Left: 30.772+/-851.913 χ^2/NDF : 41.5/44

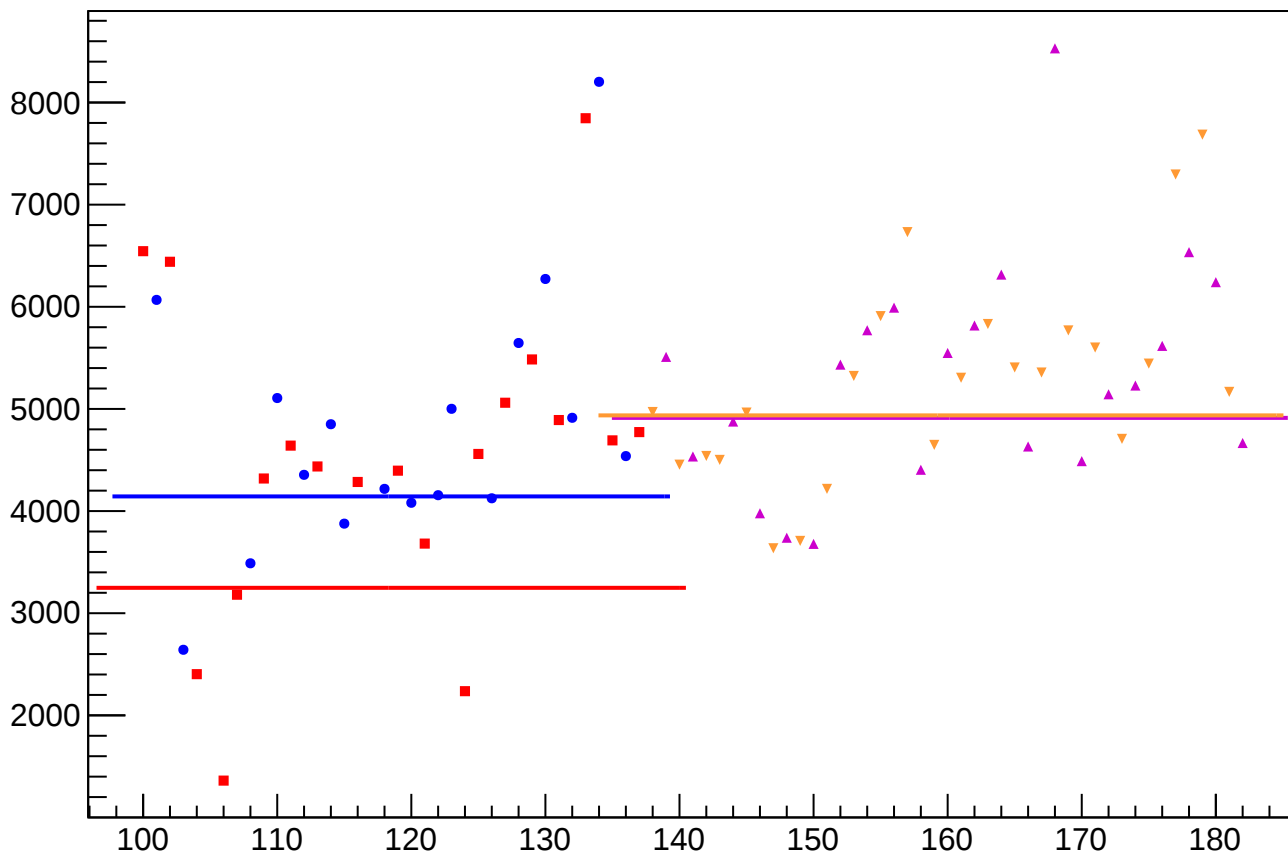
Right: -983.372+/-1051.324 χ^2/NDF : 32.2/35

In: -590.138+/-974.617 χ^2/NDF : 29.5/38

Out: -183.782+/-901.724 χ^2/NDF : 44.7/41

All: -371.197+/-661.886 χ^2/NDF : 74.3/80

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4936.902+/-0.852 χ^2/NDF : 1123971.2/22

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

Left In: 4912.424+/-0.852 χ^2/NDF : 1240001.4/21

Left: 4924.662+/-0.602 χ^2/NDF : 2364385.4/44

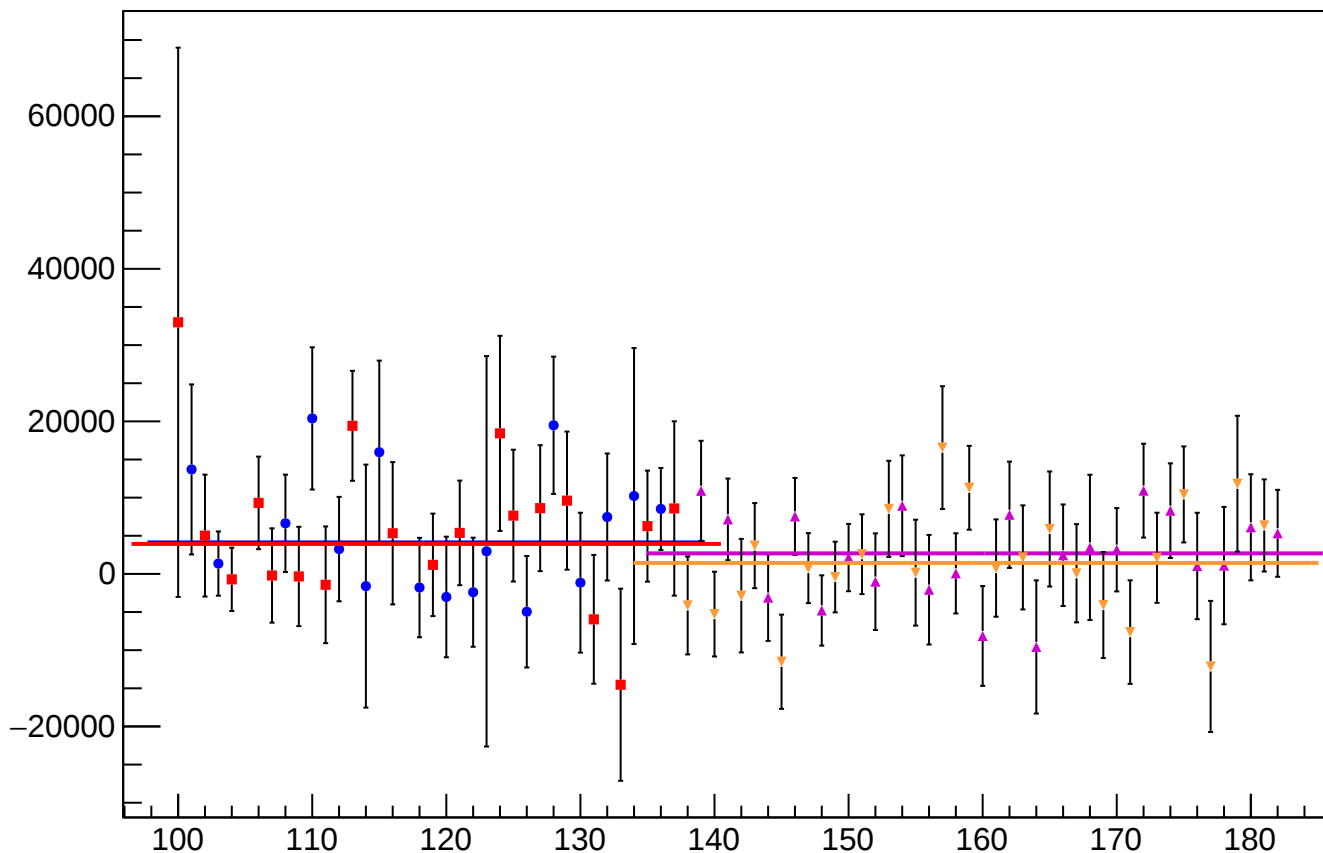
Right: 3608.435+/-0.743 χ^2/NDF : 3822091.3/35

In: 4646.715+/-0.689 χ^2/NDF : 2377514.0/38

Out: 4194.300+/-0.638 χ^2/NDF : 5469082.9/41

All: 4402.958+/-0.468 χ^2/NDF : 8078794.0/80

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1439.562+/-1295.622 χ^2/NDF : 24.8/22

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

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

Left: 2067.170+/-916.155 χ^2/NDF : 42.5/44

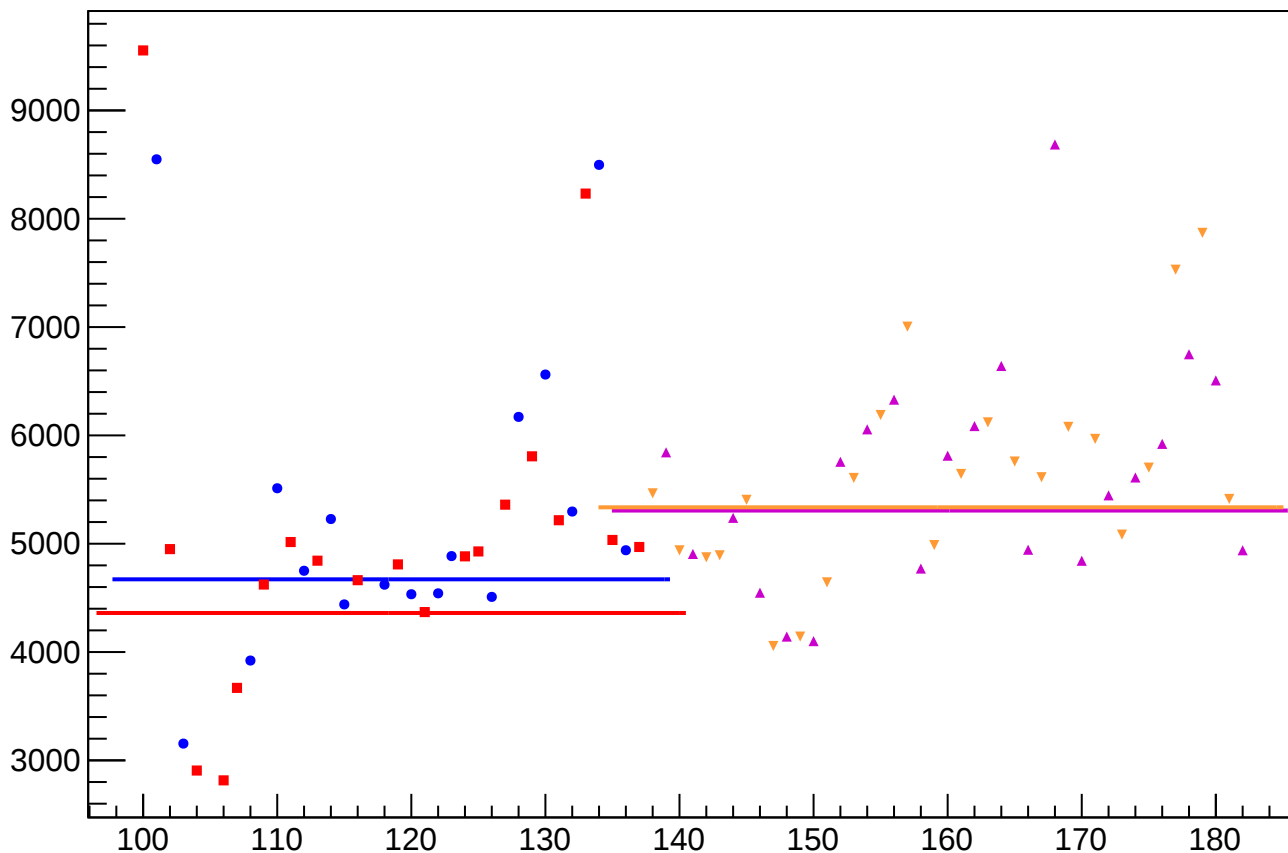
Right: 4022.593+/-1265.954 χ^2/NDF : 28.6/35

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

Out: 2338.655+/-1036.066 χ^2/NDF : 41.0/41

All: 2739.274+/-742.191 χ^2/NDF : 72.6/80

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 5336.010+/-0.916 χ^2/NDF : 866981.8/22

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

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

Left: 5321.123+/-0.648 χ^2/NDF : 1827294.3/44

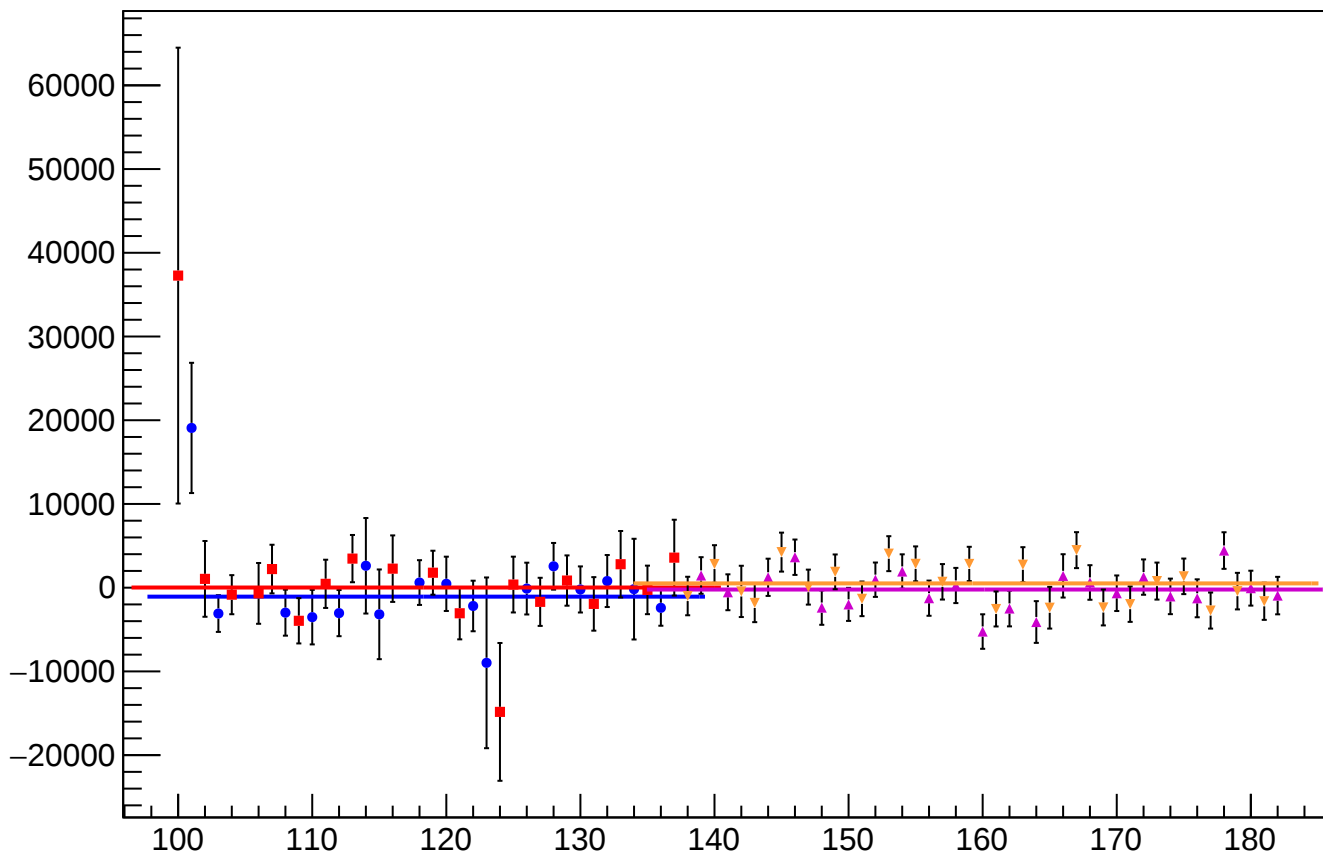
Right: 4503.135+/-0.892 χ^2/NDF : 1650353.3/35

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

Out: 4981.708+/-0.731 χ^2/NDF : 2112885.0/41

All: 5038.815+/-0.524 χ^2/NDF : 4027901.3/80

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 510.789+/-455.727 χ^2/NDF : 26.7/22

Right Out: 19.222+/-747.810 χ^2/NDF : 13.3/18

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

Left: 145.790+/-322.897 χ^2/NDF : 51.6/44

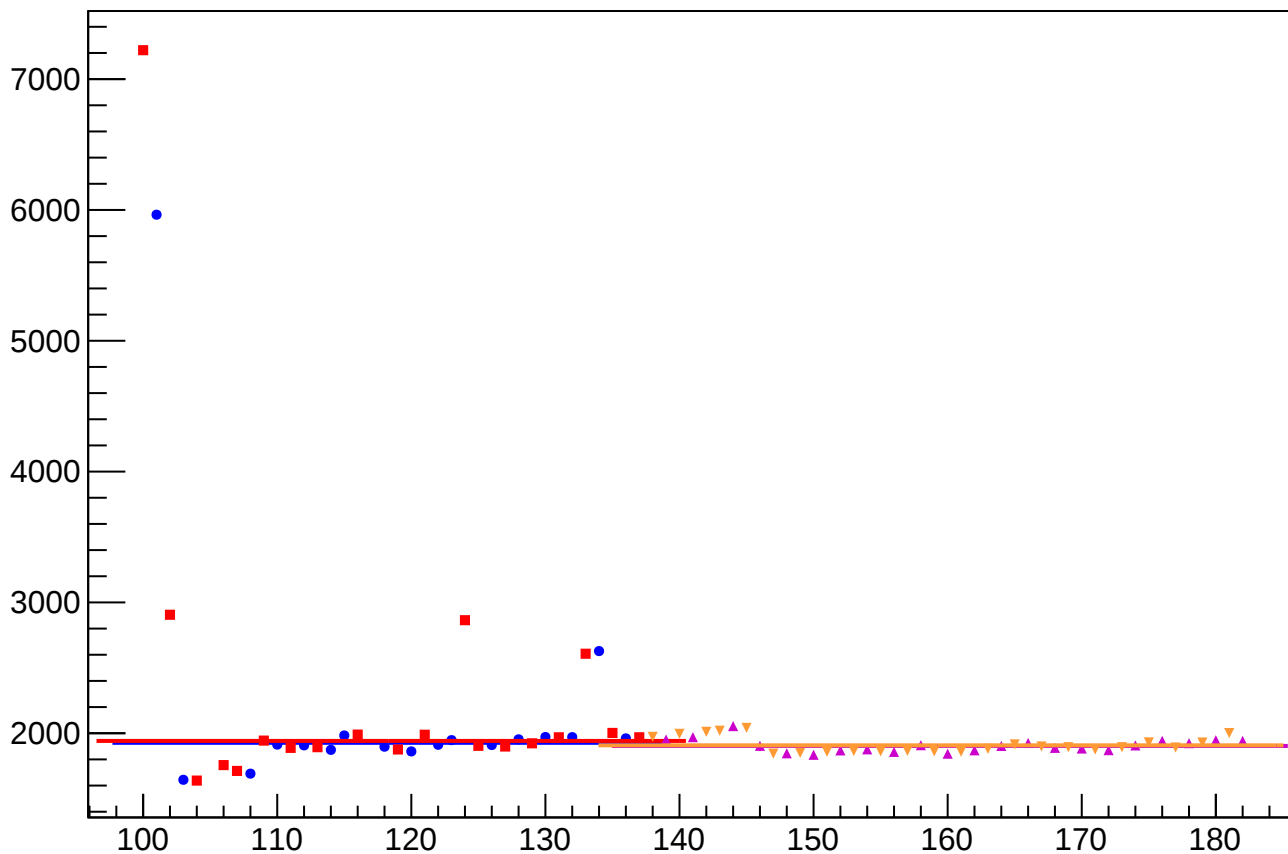
Right: -515.074+/-534.061 χ^2/NDF : 28.0/35

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

Out: 377.667+/-389.157 χ^2/NDF : 40.3/41

All: -31.120+/-276.319 χ^2/NDF : 80.8/80

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1907.542 $\pm$ 0.322 χ^2 /NDF: 32613.5/22

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

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

Left: 1905.197 $\pm$ 0.228 χ^2 /NDF: 55938.8/44

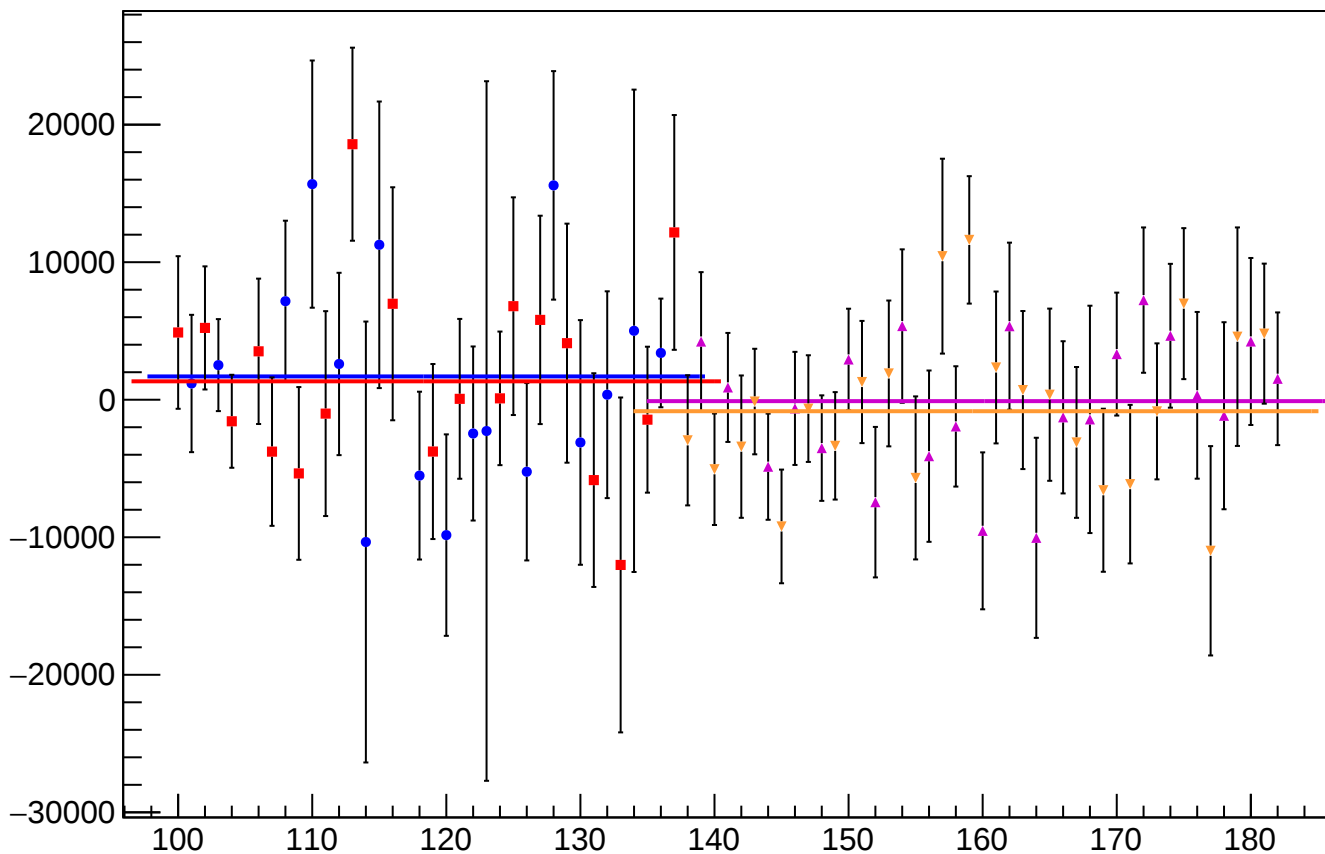
Right: 1934.225 $\pm$ 0.377 χ^2 /NDF: 921845.8/35

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

Out: 1916.683 $\pm$ 0.275 χ^2 /NDF: 339949.2/41

All: 1912.972 $\pm$ 0.195 χ^2 /NDF: 982113.9/80

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -835.055+/-1048.977 χ^2/NDF : 24.9/22

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

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

Left: -474.771+/-747.773 χ^2/NDF : 41.8/44

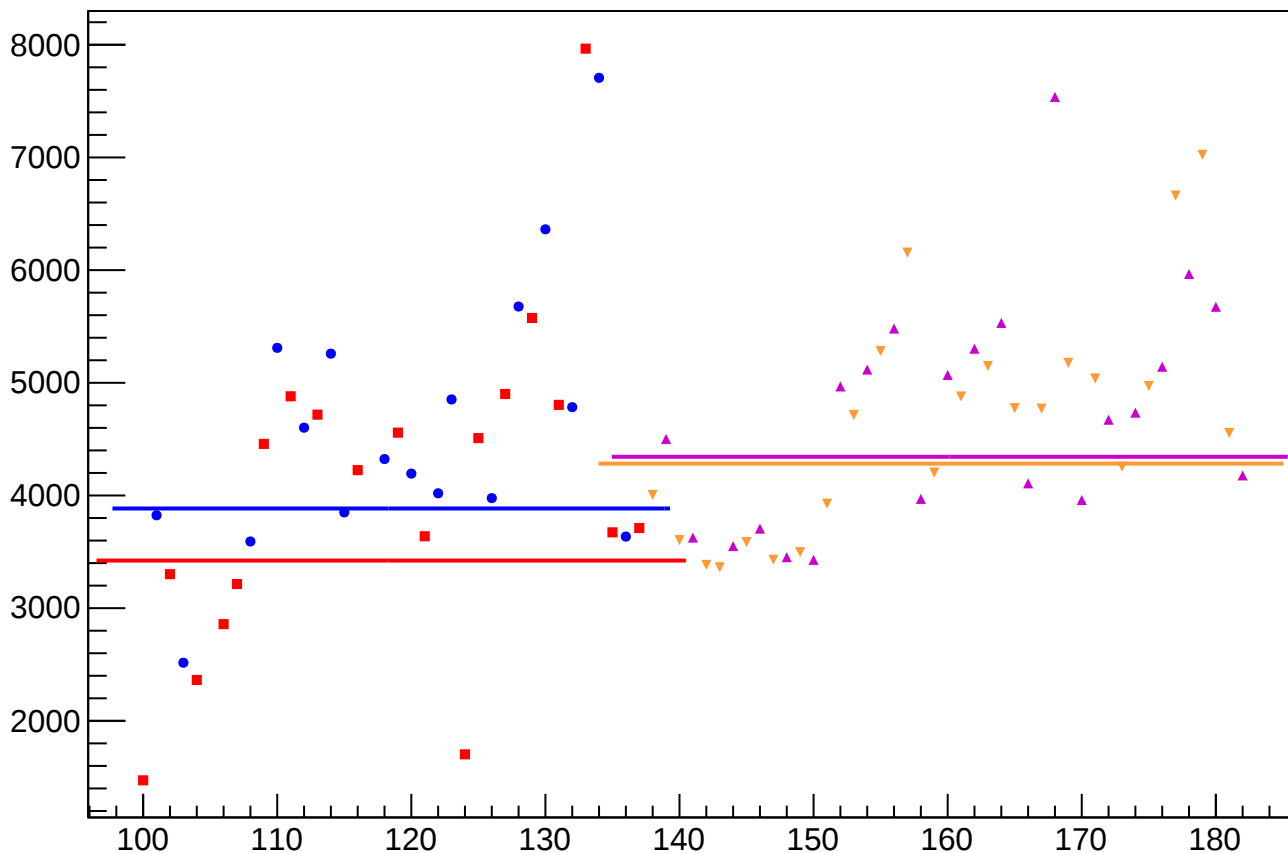
Right: 1493.873+/-1026.648 χ^2/NDF : 30.0/35

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

Out: -31.124+/-832.649 χ^2/NDF : 42.8/41

All: 207.609+/-604.437 χ^2/NDF : 74.1/80

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4282.795 $\pm$ 0.742 χ^2 /NDF:1343749.7/22

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

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

Left: 4312.687 $\pm$ 0.529 χ^2 /NDF: 2642347.2/44

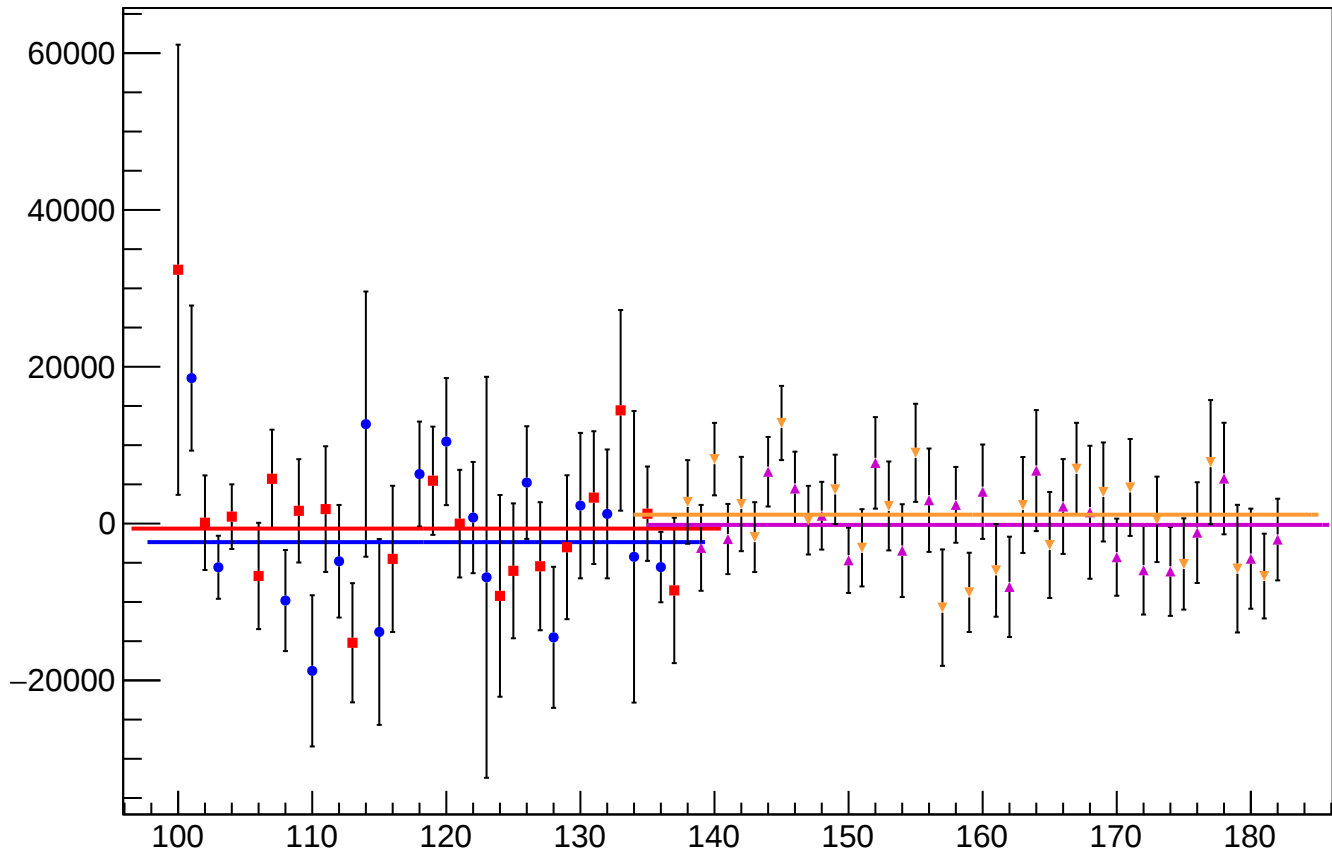
Right: 3624.795 $\pm$ 0.726 χ^2 /NDF: 2516526.6/35

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

Out: 3964.598 $\pm$ 0.589 χ^2 /NDF:3431528.7/41

All: 4074.247 $\pm$ 0.427 χ^2 /NDF: 5745538.1/80

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1134.306 $\pm$ 1155.448 χ^2/NDF : 26.4/22

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

Left In: -168.365 $\pm$ 1167.621 χ^2/NDF : 14.8/21

Left: 489.796 $\pm$ 821.295 χ^2/NDF : 41.8/44

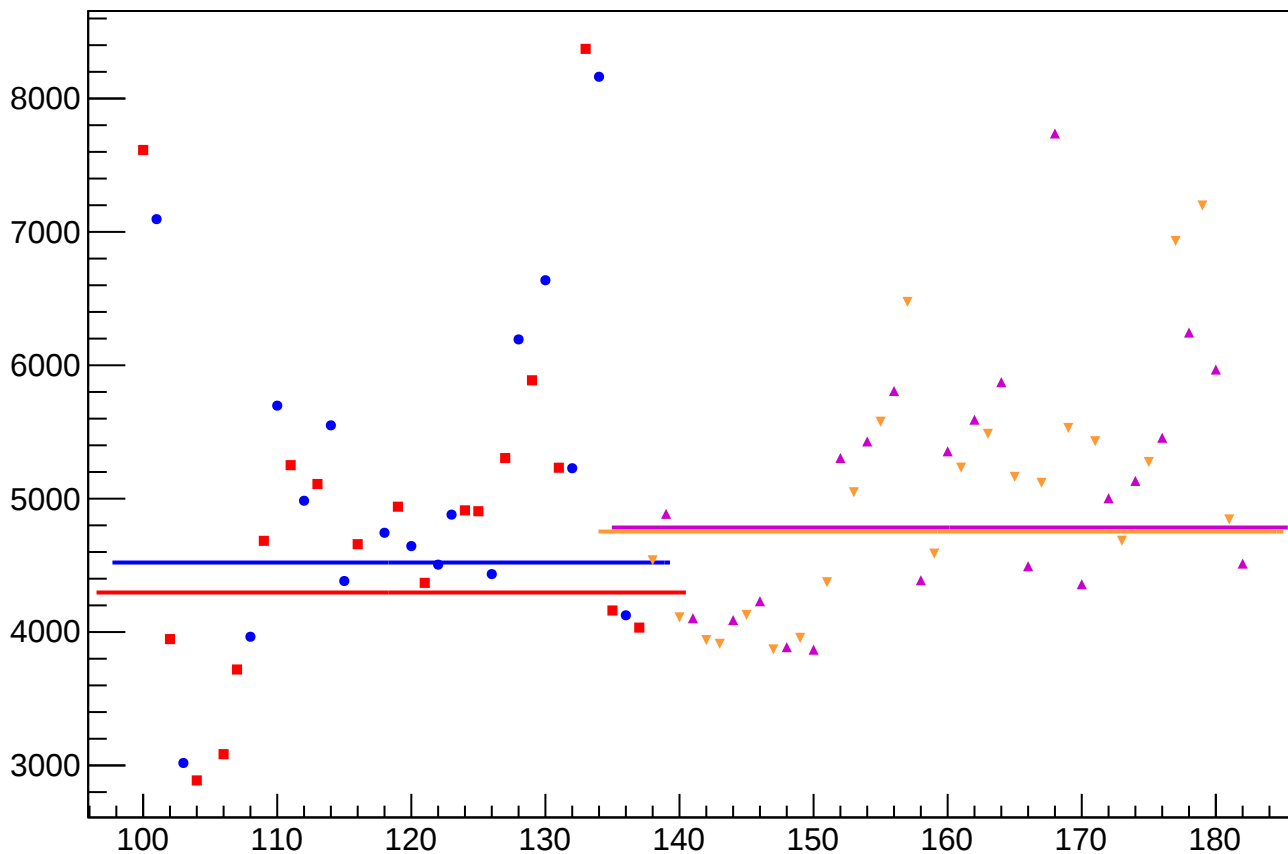
Right: -1449.011 $\pm$ 1232.750 χ^2/NDF : 32.4/35

In: -818.687 $\pm$ 979.888 χ^2/NDF : 36.0/38

Out: 568.898 $\pm$ 953.858 χ^2/NDF : 38.9/41

All: -106.219 $\pm$ 683.497 χ^2/NDF : 76.0/80

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4753.405+/-0.817 χ^2/NDF : 952827.0/22

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

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

Left: 4768.391+/-0.581 χ^2/NDF : 1904519.7/44

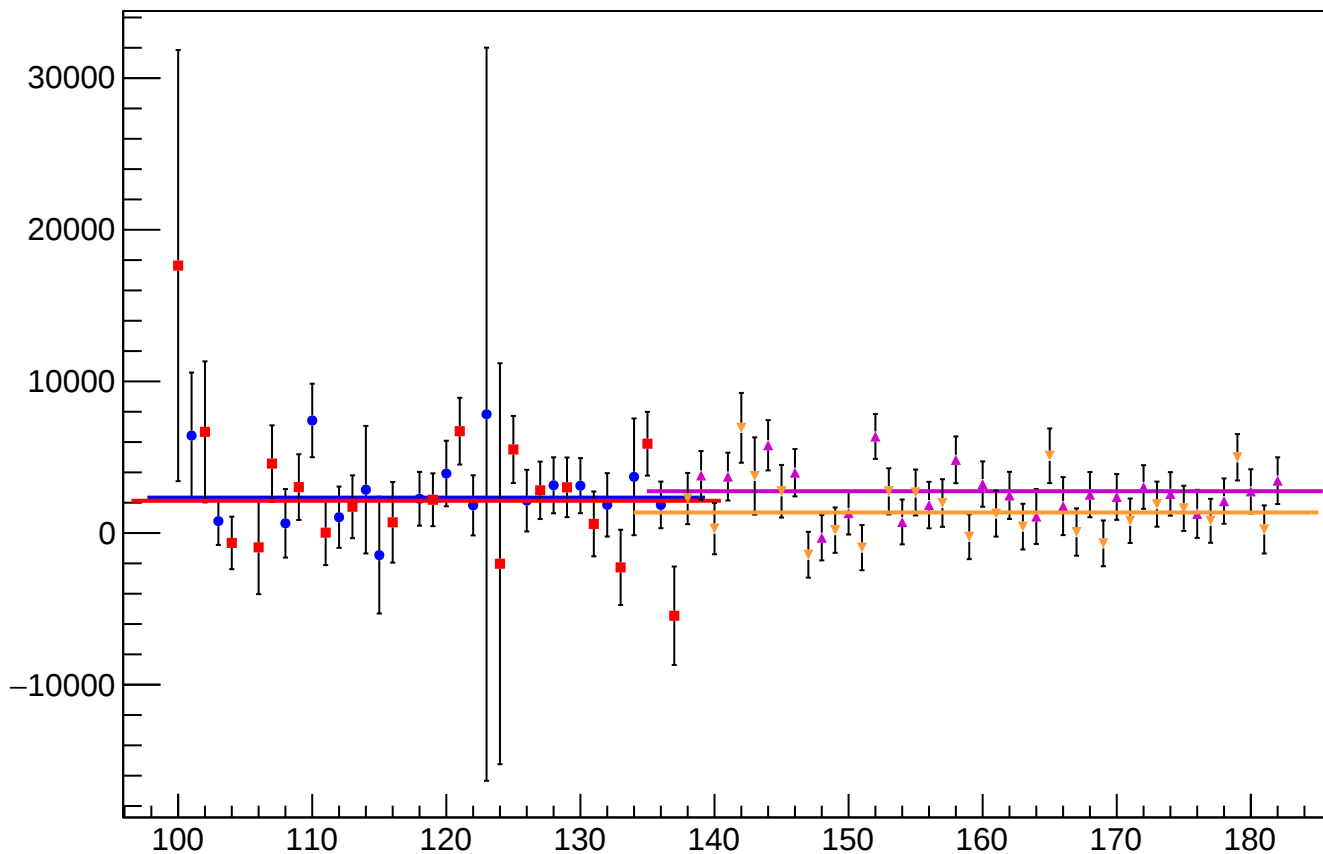
Right: 4401.047+/-0.869 χ^2/NDF : 1568522.7/35

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

Out: 4606.770+/-0.673 χ^2/NDF : 1826408.6/41

All: 4655.000+/-0.483 χ^2/NDF : 3596546.6/80

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1357.435 $\pm$ 330.680 χ^2/NDF :31.3/22

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

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

Left: 2064.664 $\pm$ 232.781 χ^2/NDF : 63.0/44

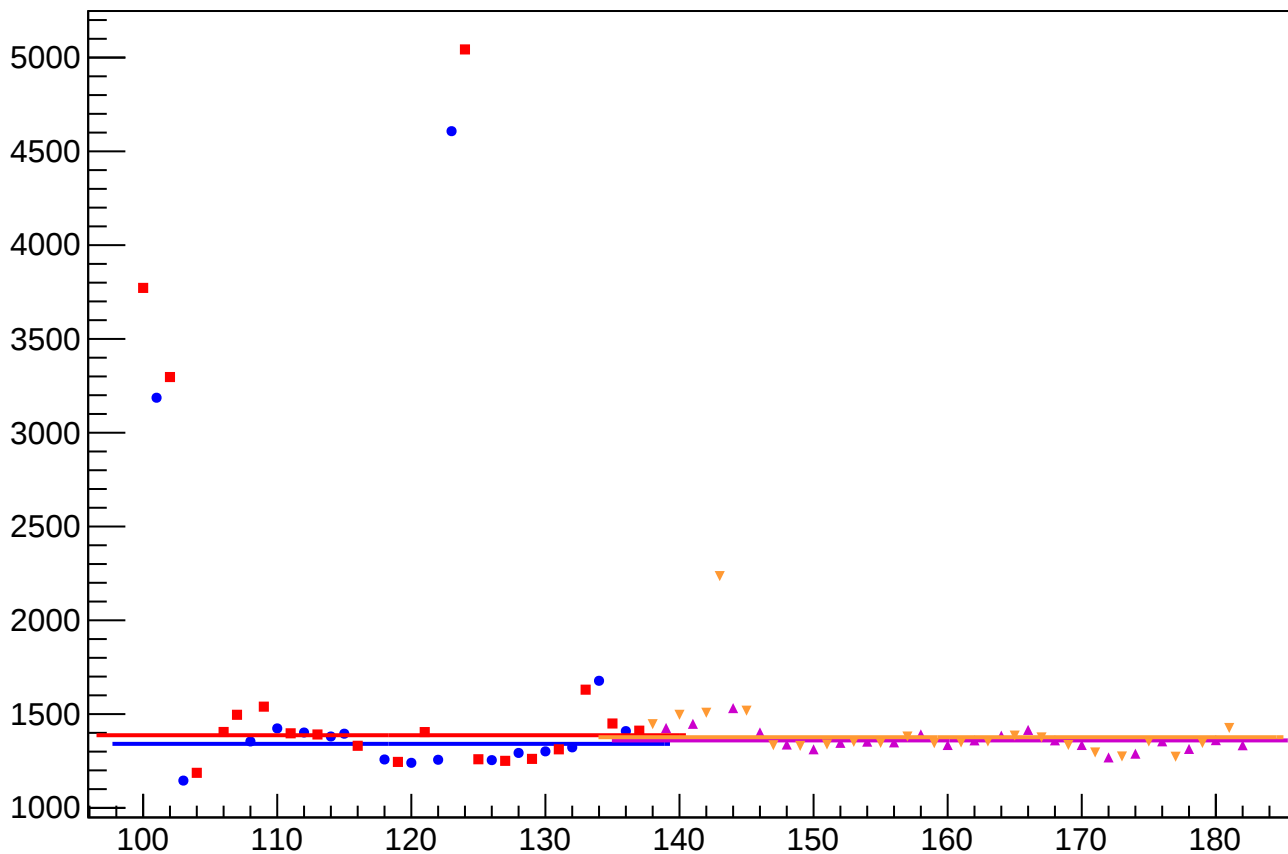
Right: 2234.784 $\pm$ 378.395 χ^2/NDF : 37.3/35

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

Out: 1568.427 $\pm$ 281.894 χ^2/NDF :60.3/41

All: 2111.369 $\pm$ 198.268 χ^2/NDF : 100.4/80

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1376.729+/-0.234 χ^2/NDF : 299302.9/22

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

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

Left: 1368.135+/-0.165 χ^2/NDF : 357017.6/44

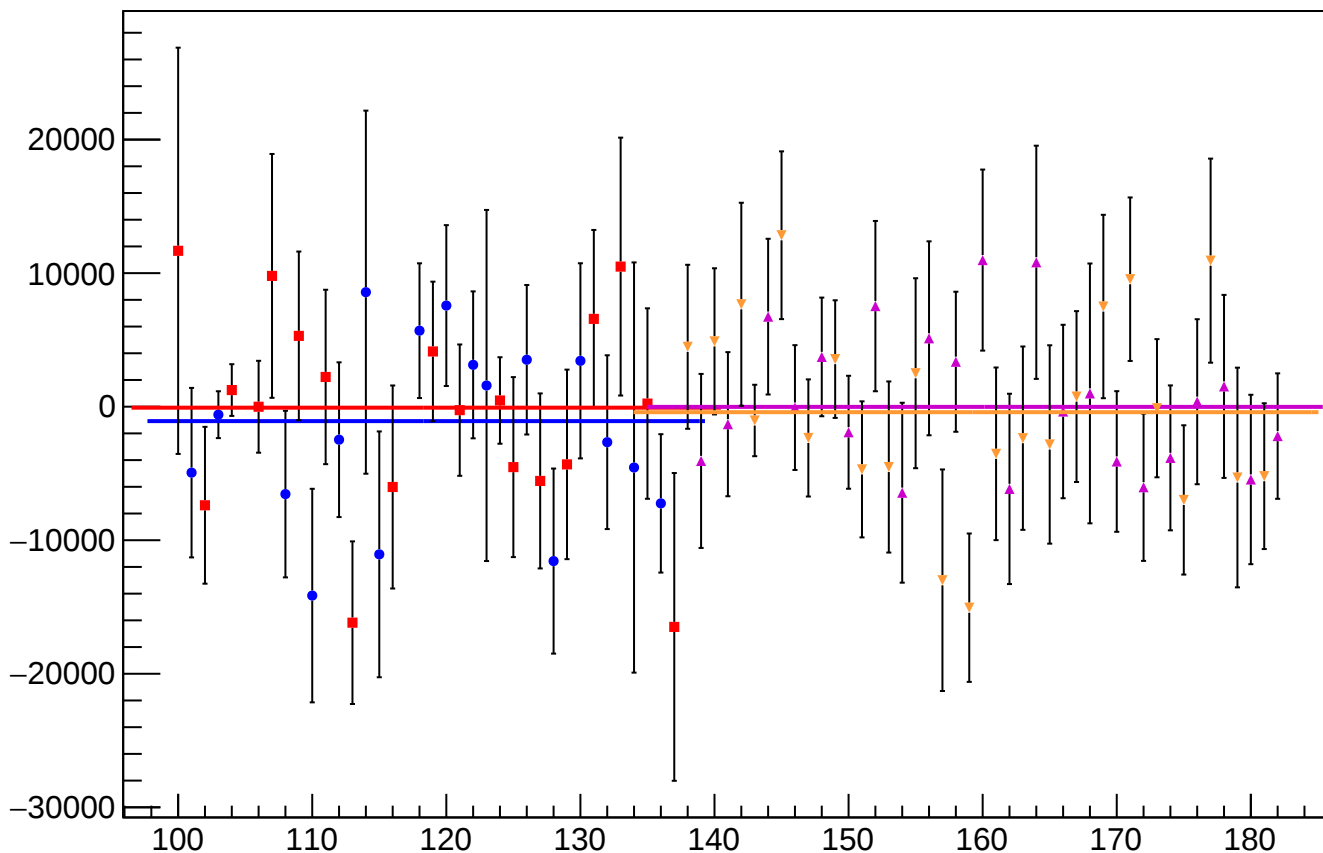
Right: 1364.024+/-0.268 χ^2/NDF : 1161848.1/35

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

Out: 1379.633+/-0.199 χ^2/NDF : 950060.2/41

All: 1367.006+/-0.140 χ^2/NDF : 1519037.0/80

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -411.531 $\pm$ 1157.813 χ^2 /NDF: 27.9/22

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

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

Left: -226.430 $\pm$ 846.049 χ^2 /NDF: 42.1/44

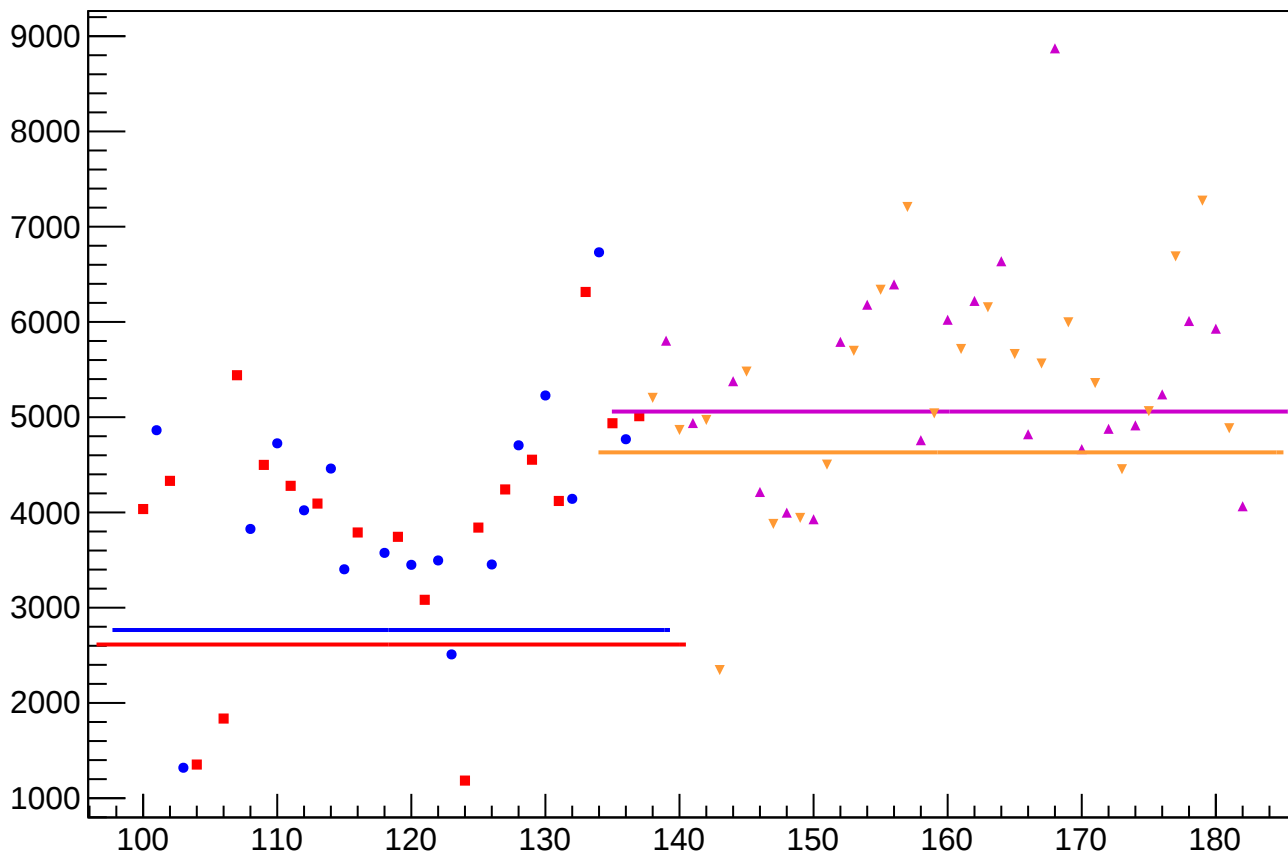
Right: -540.514 $\pm$ 825.138 χ^2 /NDF: 34.0/35

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

Out: -238.143 $\pm$ 807.295 χ^2 /NDF: 46.6/41

All: -387.402 $\pm$ 590.715 χ^2 /NDF: 76.1/80

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4630.637 $\pm$ 0.819 χ^2 /NDF: 2718492.7/22

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

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

Left: 4830.296 $\pm$ 0.598 χ^2 /NDF: 4008478.1/44

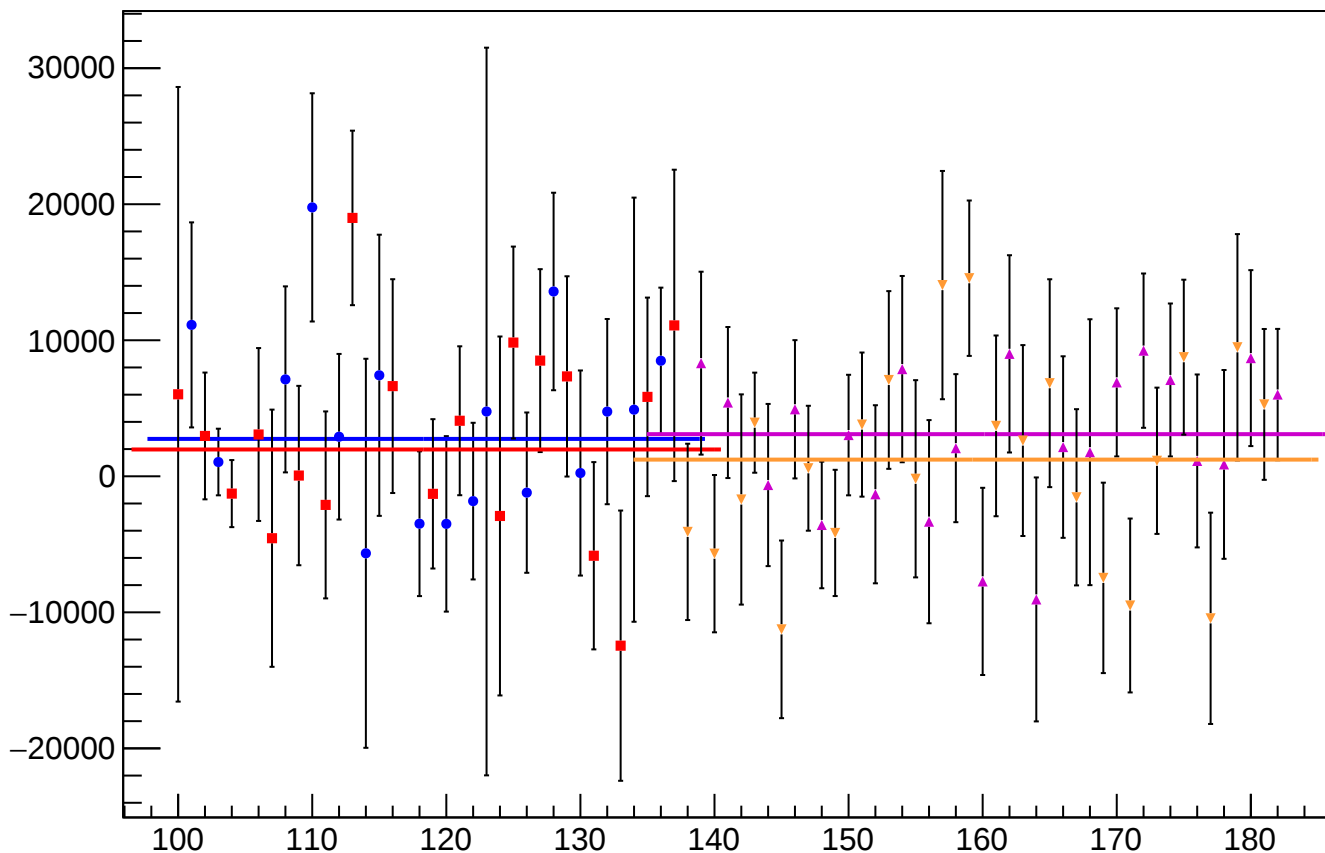
Right: 2683.946 $\pm$ 0.583 χ^2 /NDF: 6295959.0/35

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

Out: 3594.104 $\pm$ 0.571 χ^2 /NDF: 9178020.5/41

All: 3730.269 $\pm$ 0.418 χ^2 /NDF: 16901388.4/86

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: 1226.457+/-1247.590 χ^2/NDF : 27.5/22

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

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

Left: 2136.968+/-893.792 χ^2/NDF : 42.1/44

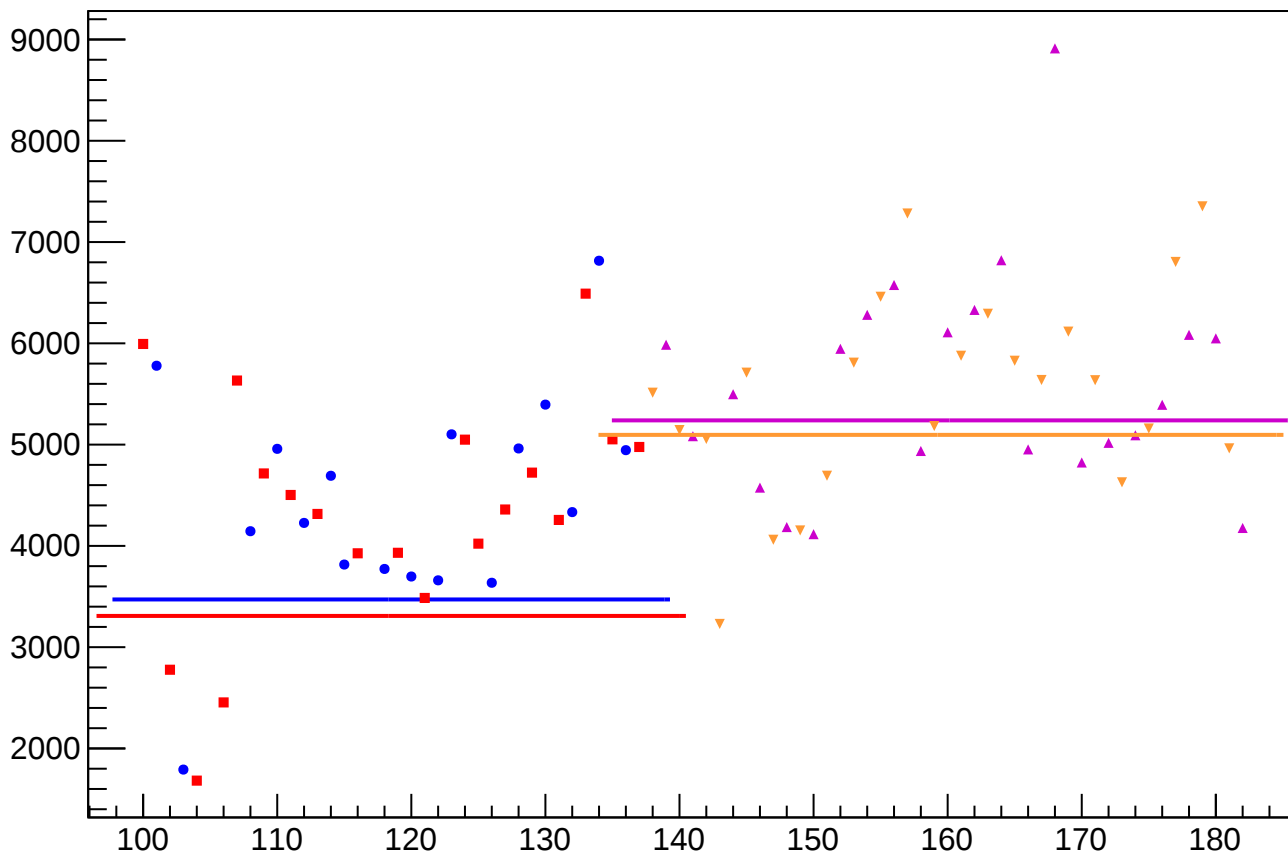
Right: 2341.887+/-999.181 χ^2/NDF : 31.7/35

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

Out: 1560.919+/-925.975 χ^2/NDF : 45.4/41

All: 2228.054+/-666.161 χ^2/NDF : 73.9/80

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 5096.211+/-0.882 χ^2/NDF : 1403116.9/22

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

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

Left: 5165.849+/-0.632 χ^2/NDF : 2451933.5/44

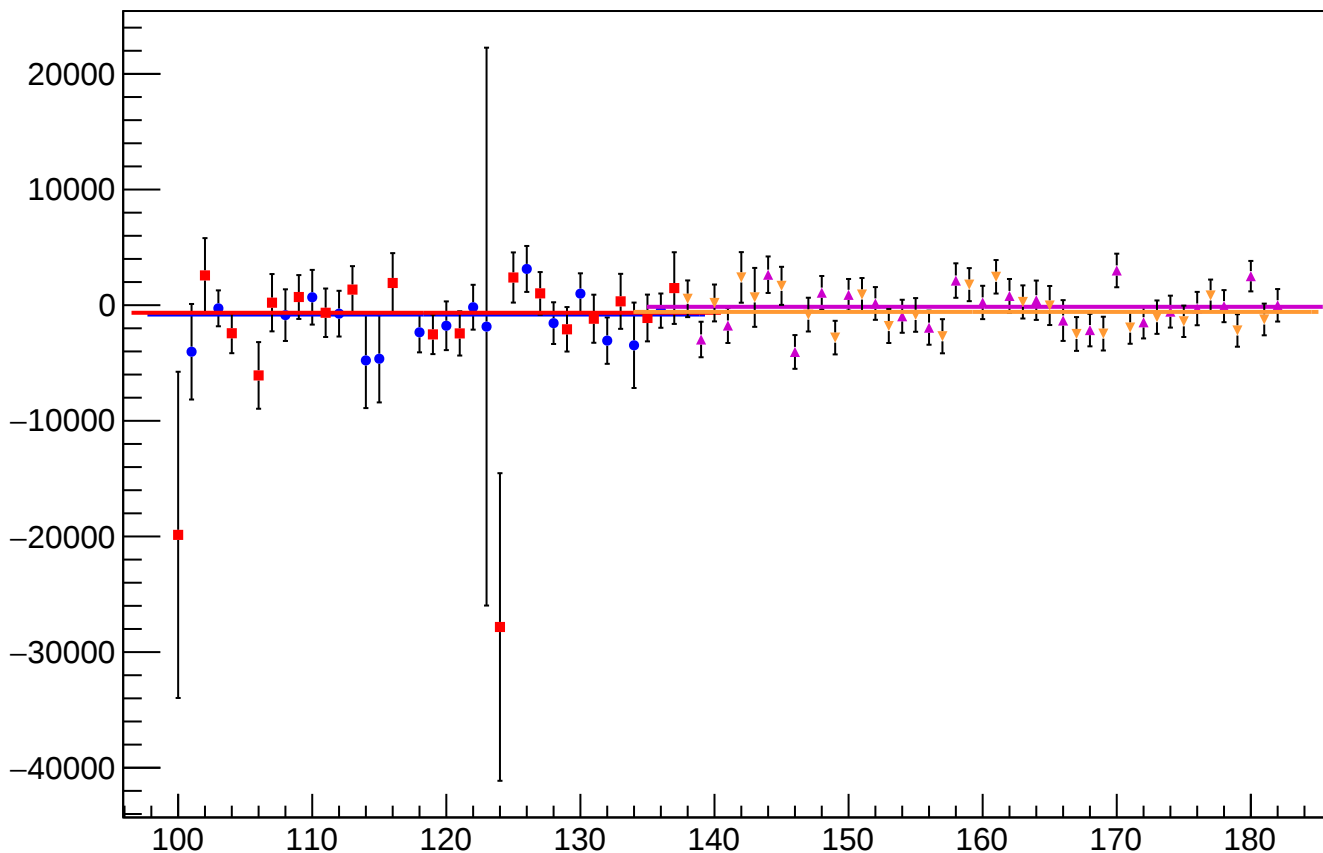
Right: 3385.381+/-0.703 χ^2/NDF : 3695605.3/35

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

Out: 4285.206+/-0.652 χ^2/NDF : 5180417.7/41

All: 4370.183+/-0.470 χ^2/NDF : 9694220.4/80

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -581.013+/-313.232 χ^2/NDF : 25.9/22

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

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

Left: -359.288+/-220.580 χ^2/NDF : 60.0/44

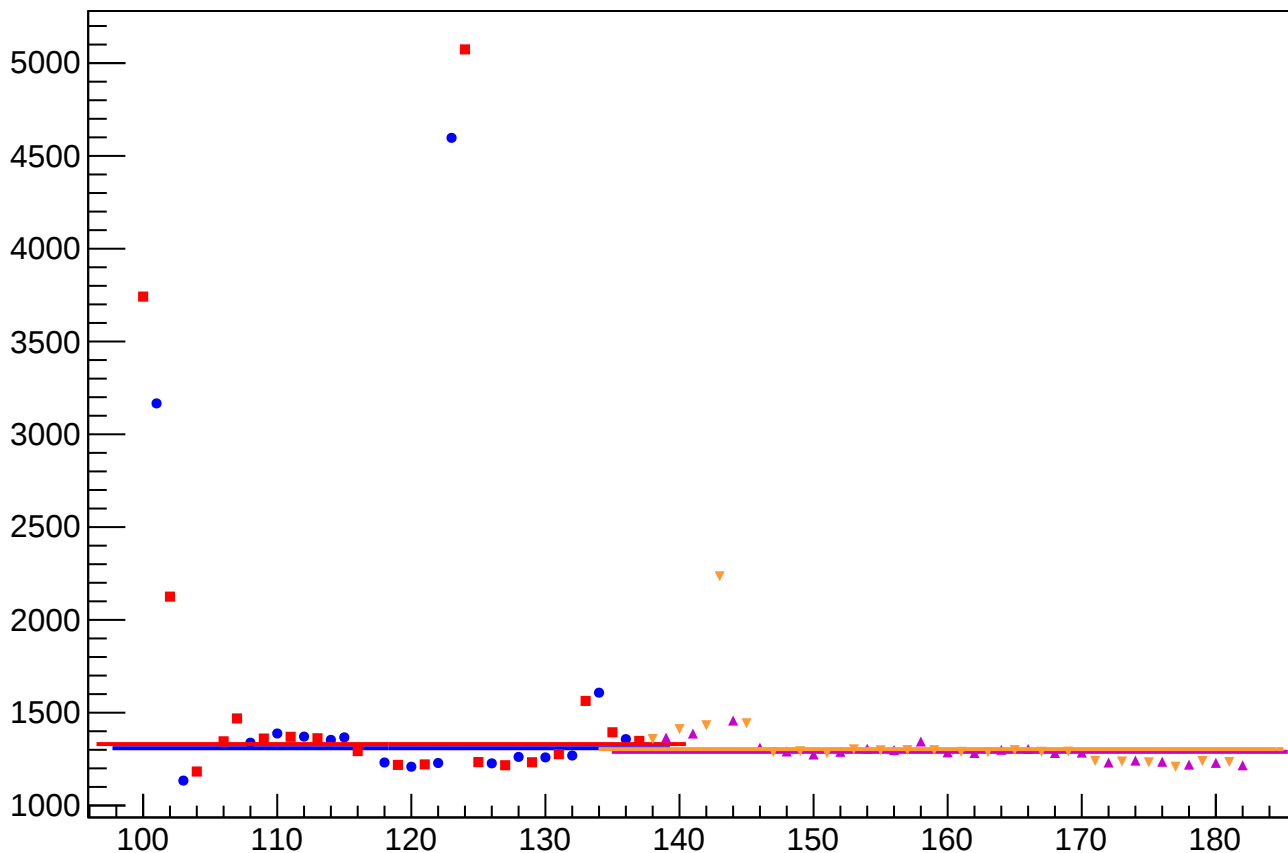
Right: -732.099+/-365.136 χ^2/NDF : 31.6/35

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

Out: -601.352+/-267.561 χ^2/NDF : 46.3/41

All: -458.966+/-188.803 χ^2/NDF : 92.4/80

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: 1303.730 $\pm$ 0.221 χ^2 /NDF: 334249.4/22

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

Left In: 1288.958 $\pm$ 0.220 χ^2 /NDF: 63314.6/21

Left: 1296.284 $\pm$ 0.156 χ^2 /NDF: 399806.3/44

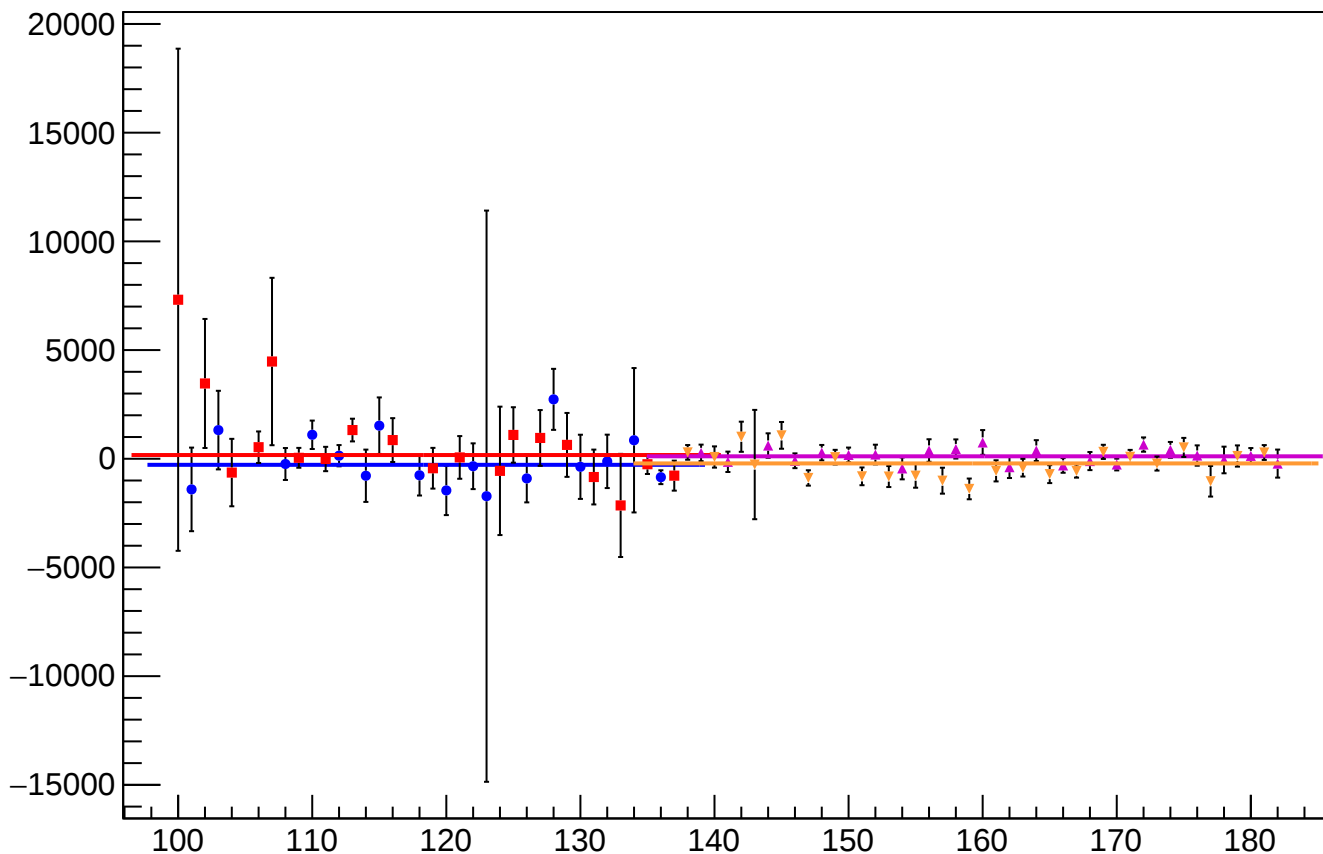
Right: 1319.692 $\pm$ 0.258 χ^2 /NDF: 924287.9/35

In: 1294.090 $\pm$ 0.188 χ^2 /NDF: 571923.5/38

Out: 1311.065 $\pm$ 0.189 χ^2 /NDF: 754151.1/41

All: 1302.542 $\pm$ 0.134 χ^2 /NDF: 1330116.2/80

asym_atl_avg_atr_avg_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -214.191+/-87.283 χ^2/NDF :40.9/22

Right Out: 171.593+/-192.461 χ^2/NDF : 14.7/18

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

Left: -50.614+/-61.701 χ^2/NDF : 61.9/44

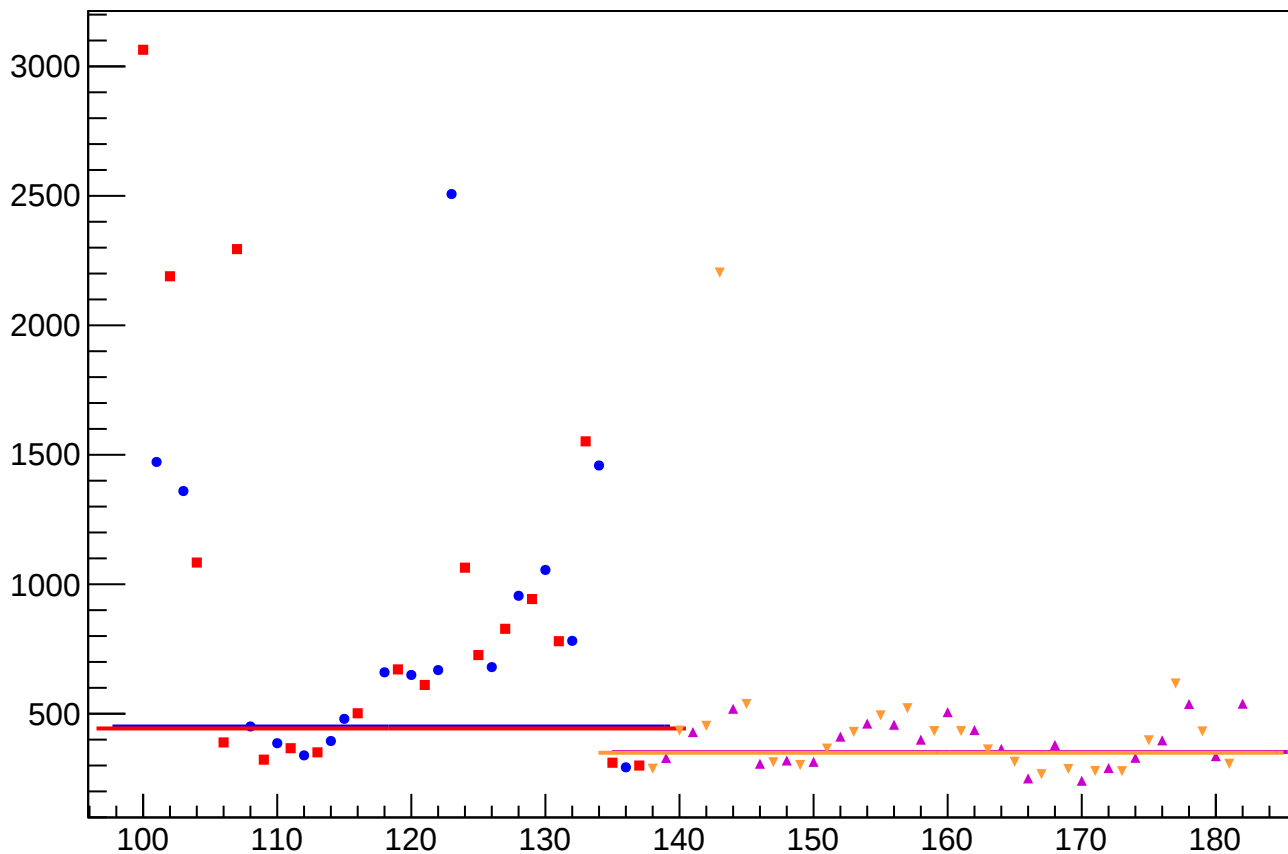
Right: -47.033+/-138.049 χ^2/NDF : 35.4/35

In: 49.206+/-79.838 χ^2/NDF :35.3/38

Out: -148.381+/-79.491 χ^2/NDF :58.9/41

All: -50.017+/-56.331 χ^2/NDF : 97.3/80

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 349.365 $\pm$ 0.062 χ^2 /NDF: 2823259.6/22

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

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

Left: 350.809 $\pm$ 0.044 χ^2 /NDF: 4556358.8/44

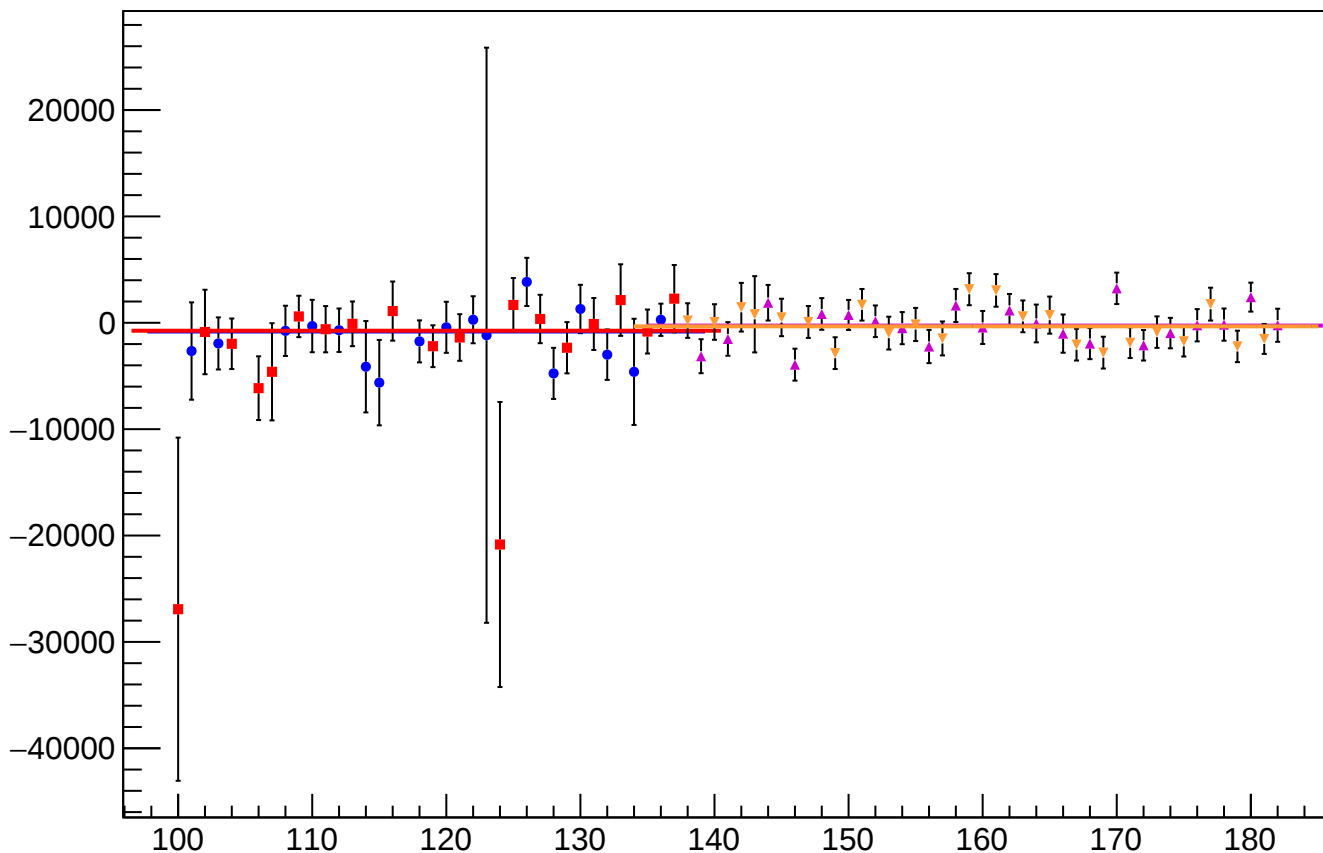
Right: 446.737 $\pm$ 0.098 χ^2 /NDF: 6470582.3/35

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

Out: 365.355 $\pm$ 0.056 χ^2 /NDF: 6688068.8/41

All: 366.782 $\pm$ 0.040 χ^2 /NDF: 11831868.9/80

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: -335.084 $\pm$ 328.812 χ^2 /NDF:28.1/22

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

Left In: -264.461 $\pm$ 325.492 χ^2 /NDF:29.5/21

Left: -299.414 $\pm$ 231.323 χ^2 /NDF: 57.6/44

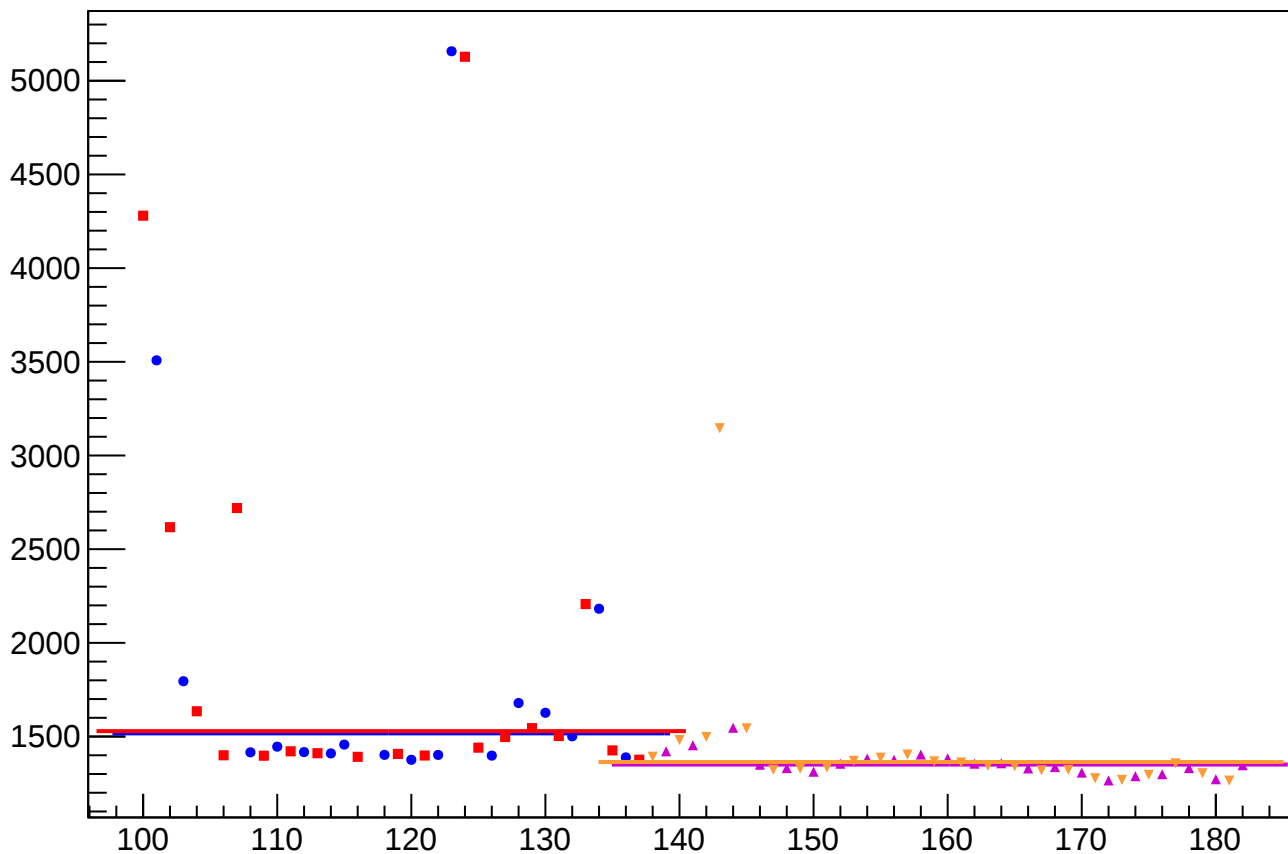
Right: -781.413 $\pm$ 423.122 χ^2 /NDF: 26.8/35

In: -389.749 $\pm$ 286.229 χ^2 /NDF:42.8/38

Out: -431.139 $\pm$ 287.865 χ^2 /NDF:42.5/41

All: -410.326 $\pm$ 202.970 χ^2 /NDF: 85.3/80

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1364.051+/-0.233 χ^2/NDF : 575055.0/22

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

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

Left: 1357.200+/-0.164 χ^2/NDF : 645407.7/44

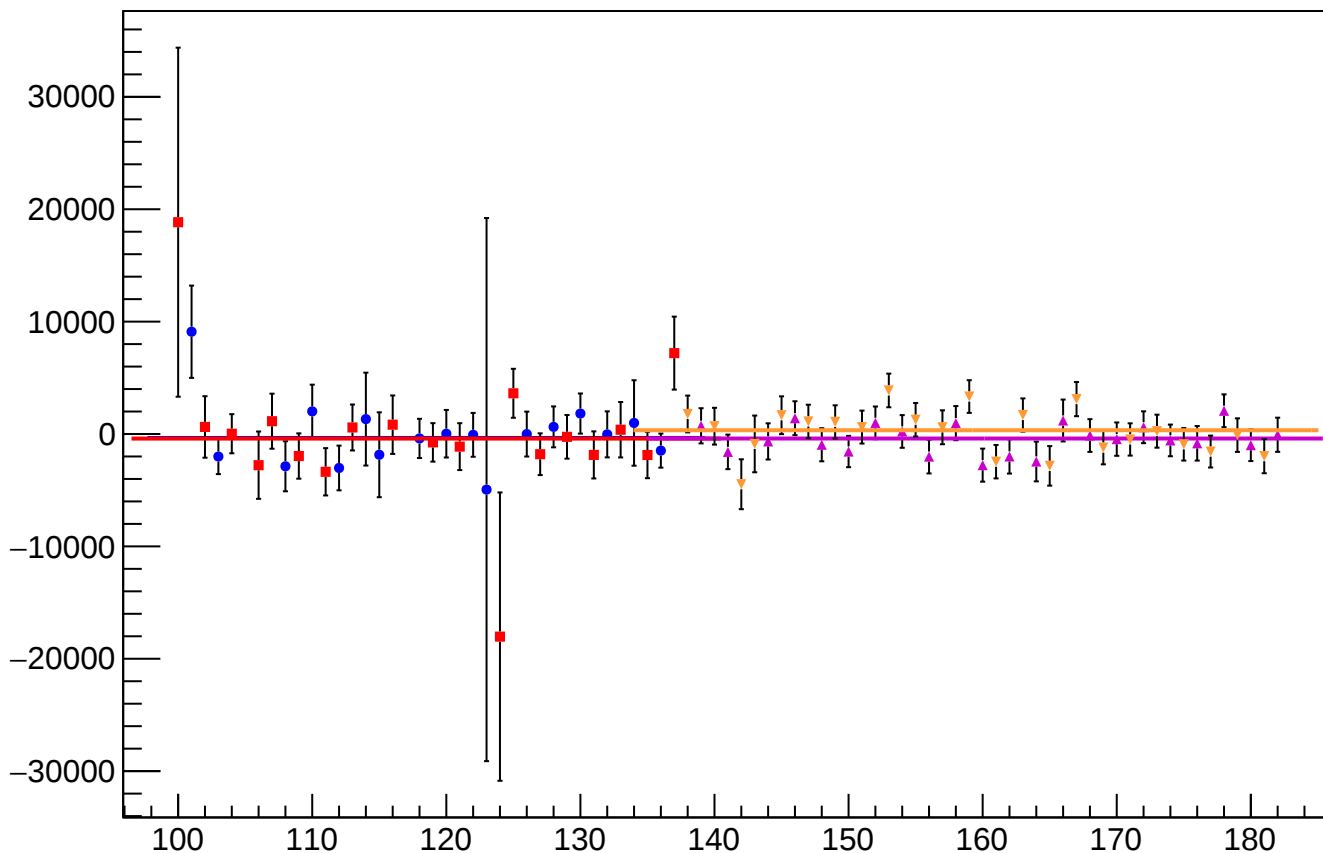
Right: 1522.950+/-0.299 χ^2/NDF : 1171618.0/35

In: 1388.222+/-0.202 χ^2/NDF : 728241.4/38

Out: 1402.542+/-0.204 χ^2/NDF : 1322580.9/41

All: 1395.341+/-0.144 χ^2/NDF : 2053310.9/80

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



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

Left Out: 335.169+/-323.374 χ^2/NDF : 34.5/22

Right Out: -407.388+/-522.047 χ^2/NDF : 18.4/18

Left In: -401.892+/-320.958 χ^2/NDF : 16.0/21

Left: -36.126+/-227.801 χ^2/NDF : 53.1/44

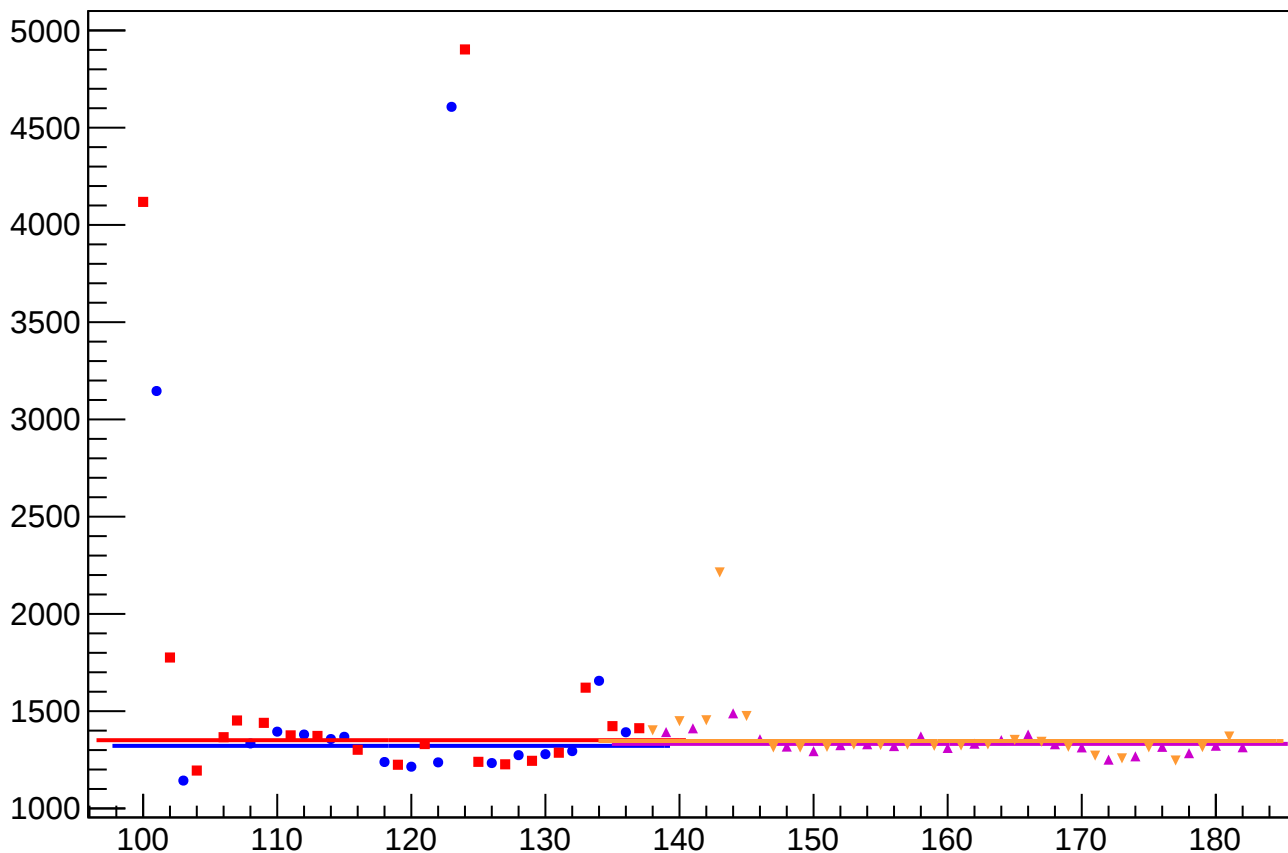
Right: -380.326+/-369.594 χ^2/NDF : 31.8/35

In: -388.564+/-273.600 χ^2/NDF : 29.4/38

Out: 129.258+/-274.906 χ^2/NDF : 54.3/41

All: -130.886+/-193.924 χ^2/NDF : 85.5/80

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1346.626 $\pm$ 0.229 χ^2 /NDF: 293540.2/22

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

Left In: 1331.861 $\pm$ 0.227 χ^2 /NDF: 46616.5/21

Left: 1339.188 $\pm$ 0.161 χ^2 /NDF: 342257.2/44

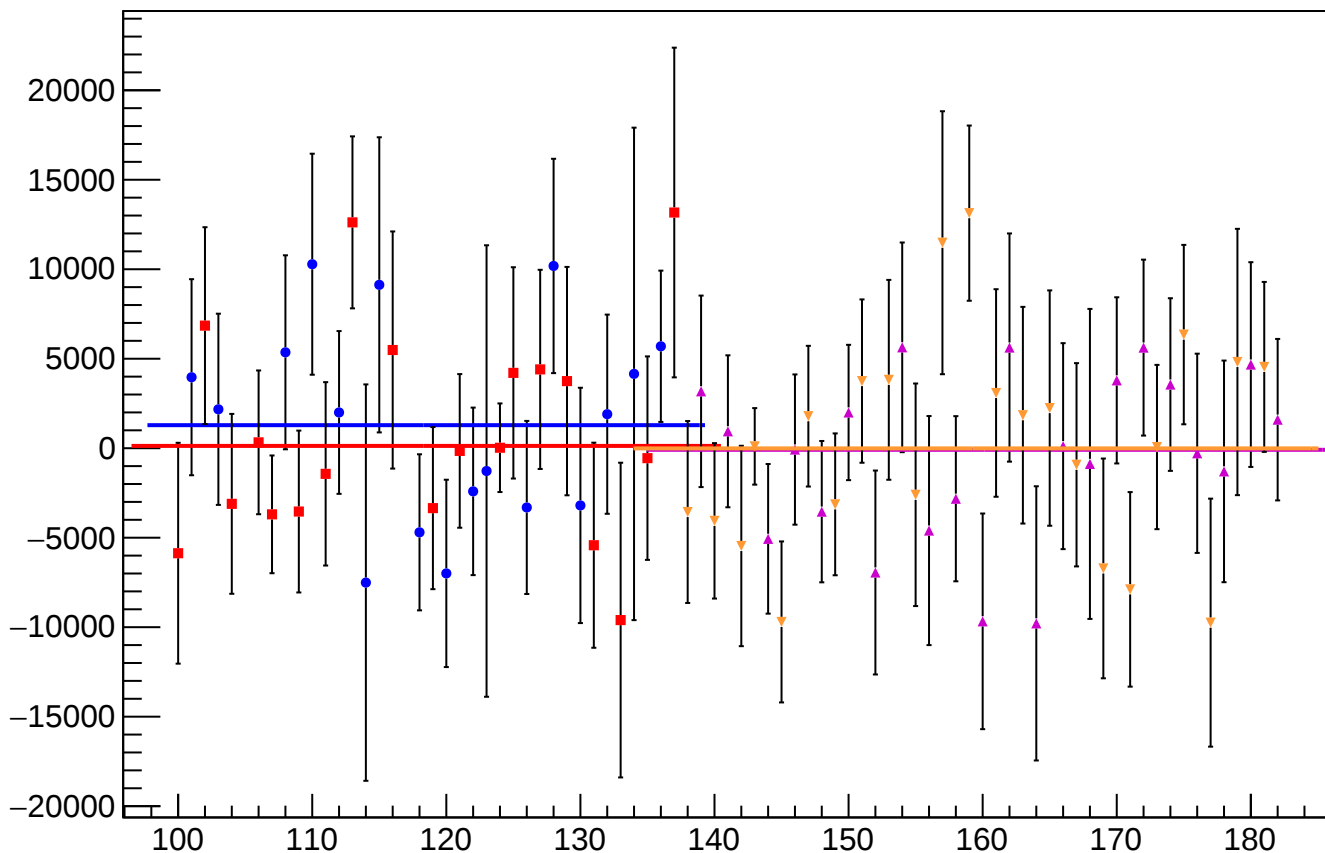
Right: 1336.281 $\pm$ 0.261 χ^2 /NDF: 855224.6/35

In: 1329.084 $\pm$ 0.193 χ^2 /NDF: 549409.8/38

Out: 1347.777 $\pm$ 0.194 χ^2 /NDF: 643515.3/41

All: 1338.388 $\pm$ 0.137 χ^2 /NDF: 1197571.5/80

asym_atl_dd_atr_dd_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -10.355+/-985.998 χ^2/NDF : 27.5/22

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

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

Left: -46.125+/-729.314 χ^2/NDF : 42.1/44

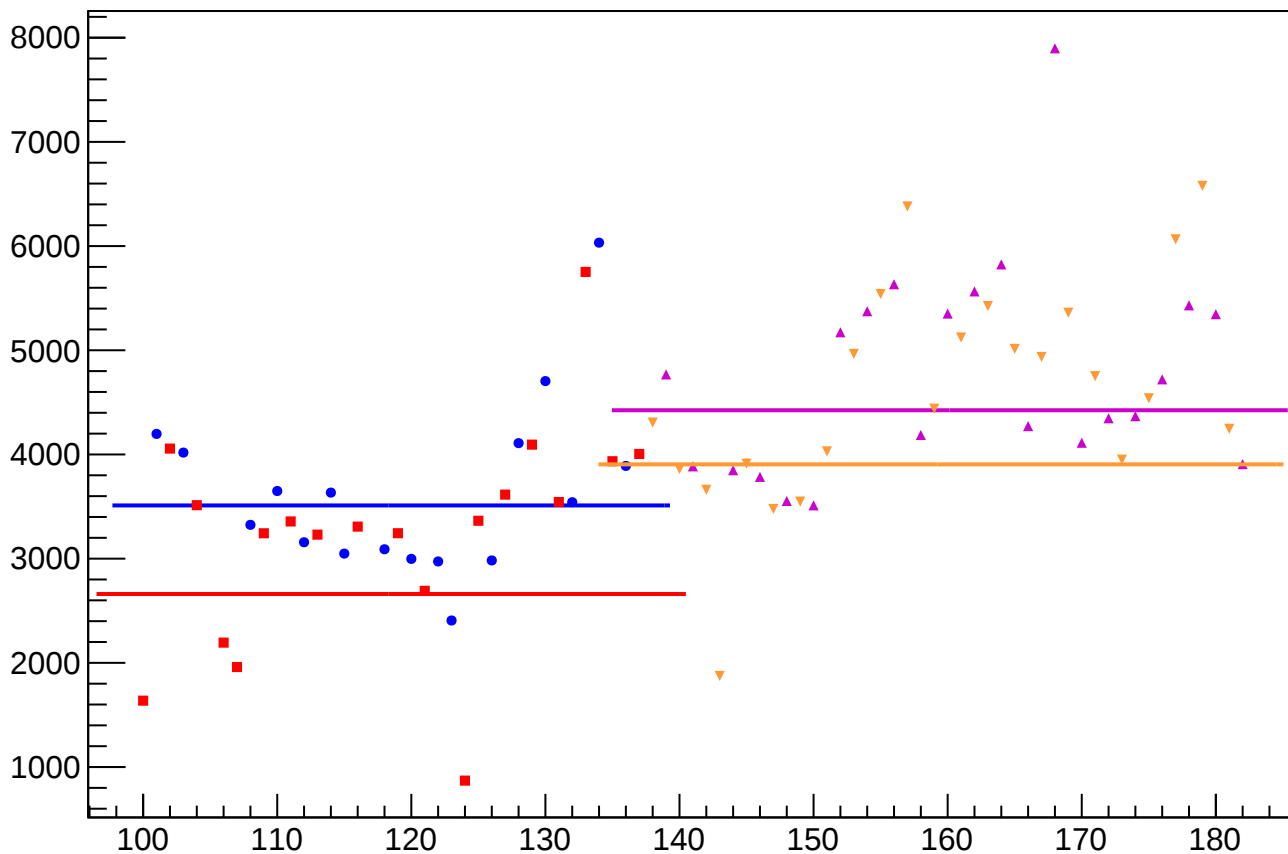
Right: 574.831+/-853.528 χ^2/NDF : 33.3/35

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

Out: 52.458+/-730.687 χ^2/NDF : 46.1/41

All: 215.921+/-554.468 χ^2/NDF : 75.7/80

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3904.844 $\pm$ 0.697 χ^2 /NDF: 3317208.3/22

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

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

Left: 4140.159 $\pm$ 0.516 χ^2 /NDF: 4719285.3/44

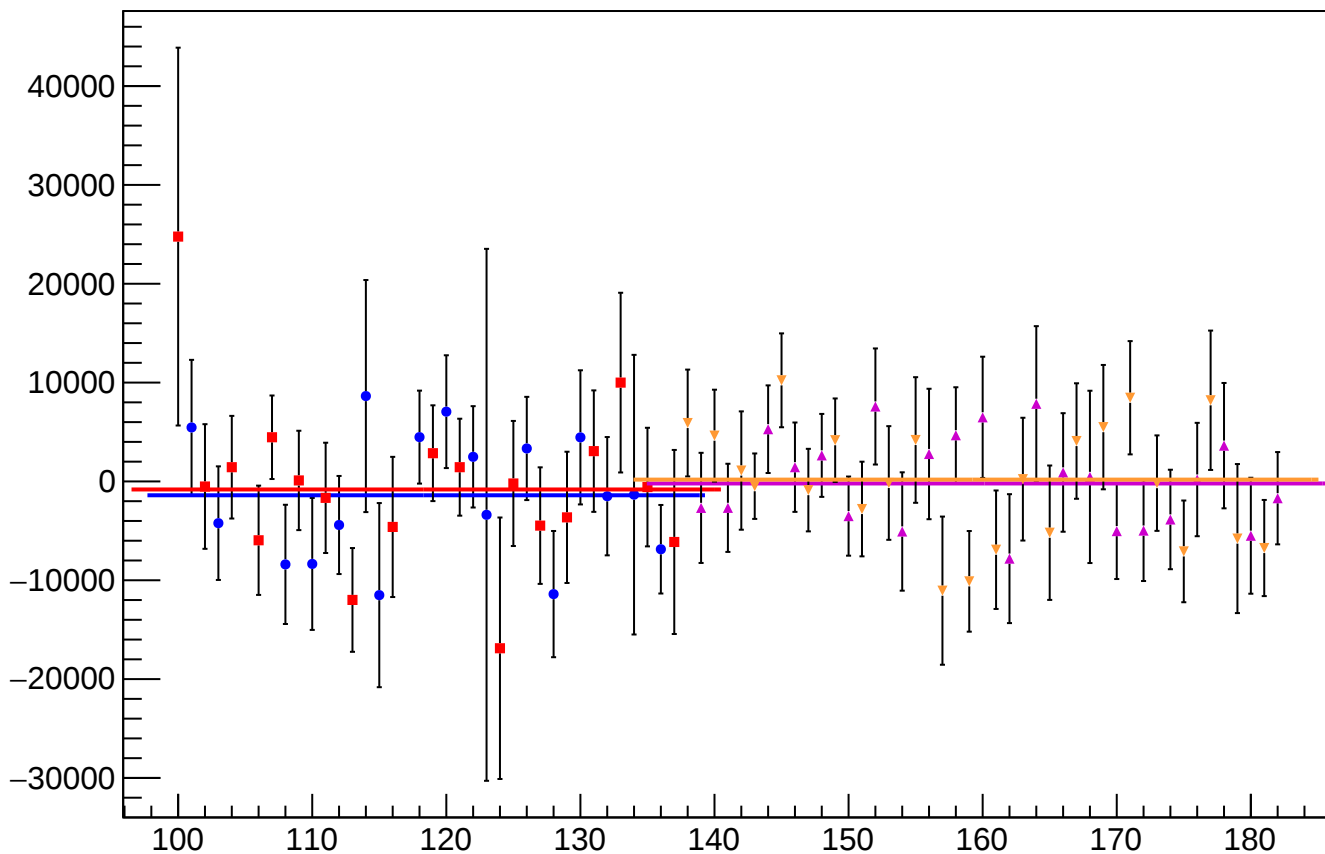
Right: 2987.822 $\pm$ 0.604 χ^2 /NDF: 2996466.4/35

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

Out: 3343.925 $\pm$ 0.517 χ^2 /NDF: 6935593.7/41

All: 3653.867 $\pm$ 0.392 χ^2 /NDF: 9822816.4/80

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: 183.330 $\pm$ 1095.405 χ^2 /NDF:25.9/22

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

Left In: -206.589 $\pm$ 1131.079 χ^2 /NDF:14.3/21

Left: -5.384 $\pm$ 786.878 χ^2 /NDF: 40.2/44

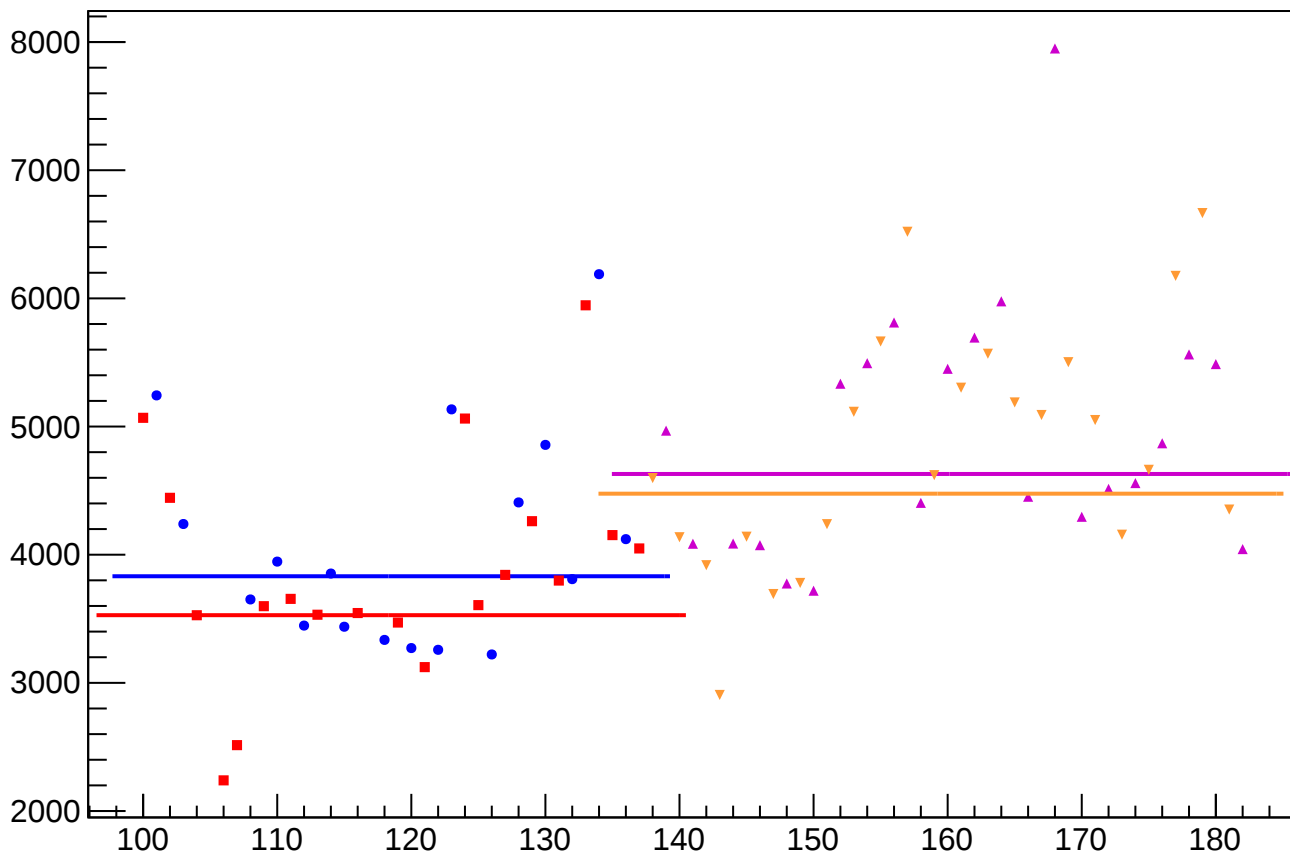
Right: -1082.331 $\pm$ 1016.512 χ^2 /NDF: 30.1/35

In: -638.183 $\pm$ 904.006 χ^2 /NDF:30.5/38

Out: -202.503 $\pm$ 857.753 χ^2 /NDF:40.4/41

All: -408.912 $\pm$ 622.232 χ^2 /NDF: 71.0/80

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4476.129+/-0.775 χ^2/NDF :1378376.0/22

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

Left In: 4629.904+/-0.800 χ^2/NDF :994496.0/21

Left: 4550.553+/-0.556 χ^2/NDF : 2391947.7/44

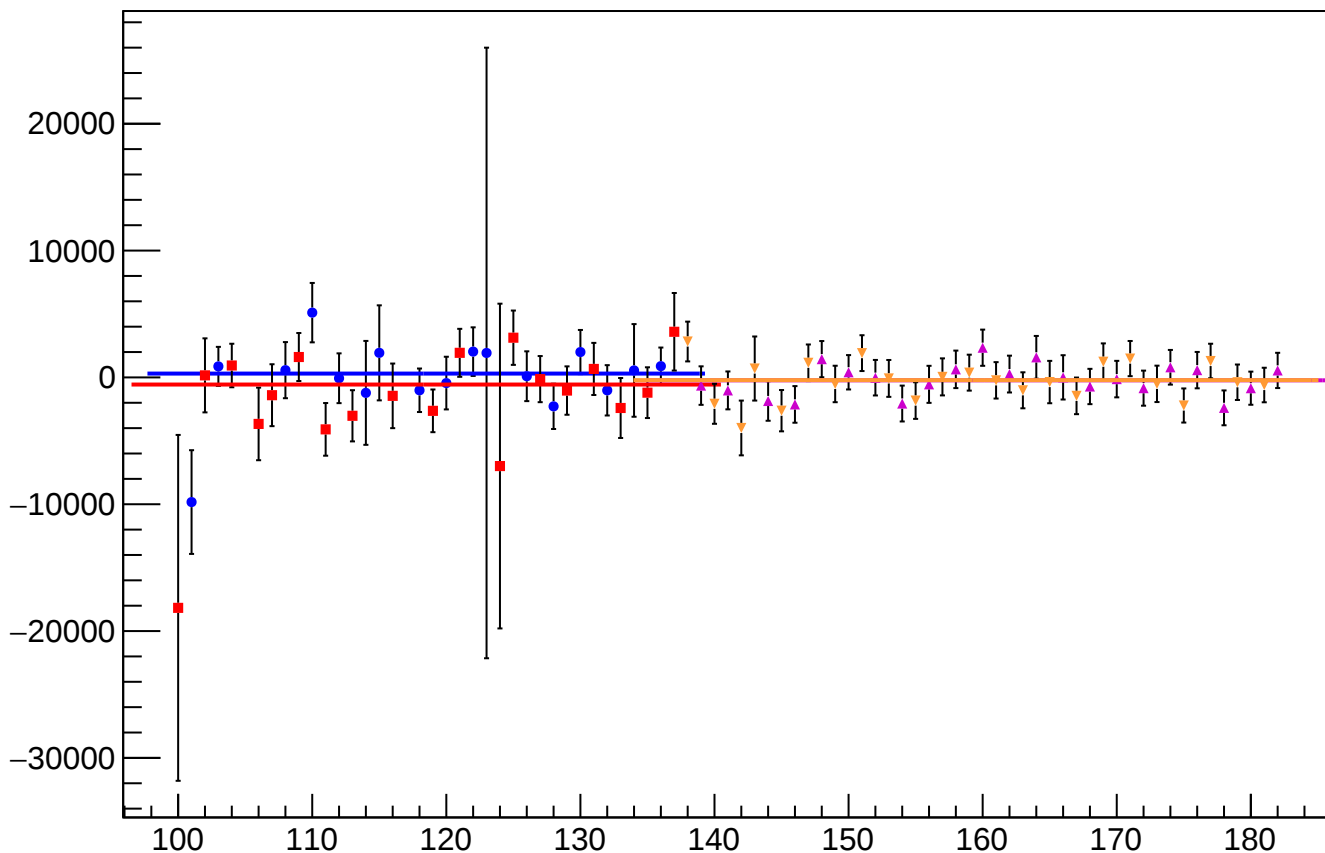
Right: 3665.441+/-0.715 χ^2/NDF : 939571.7/35

In: 4341.617+/-0.639 χ^2/NDF :1691885.3/38

Out: 4105.279+/-0.604 χ^2/NDF :2521572.1/41

All: 4216.830+/-0.439 χ^2/NDF : 4285634.1/80

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: -215.583 $\pm$ 310.250 χ^2 /NDF:22.4/22

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

Left In: -230.005 $\pm$ 307.626 χ^2 /NDF:15.6/21

Left: -222.855 $\pm$ 218.446 χ^2 /NDF: 38.0/44

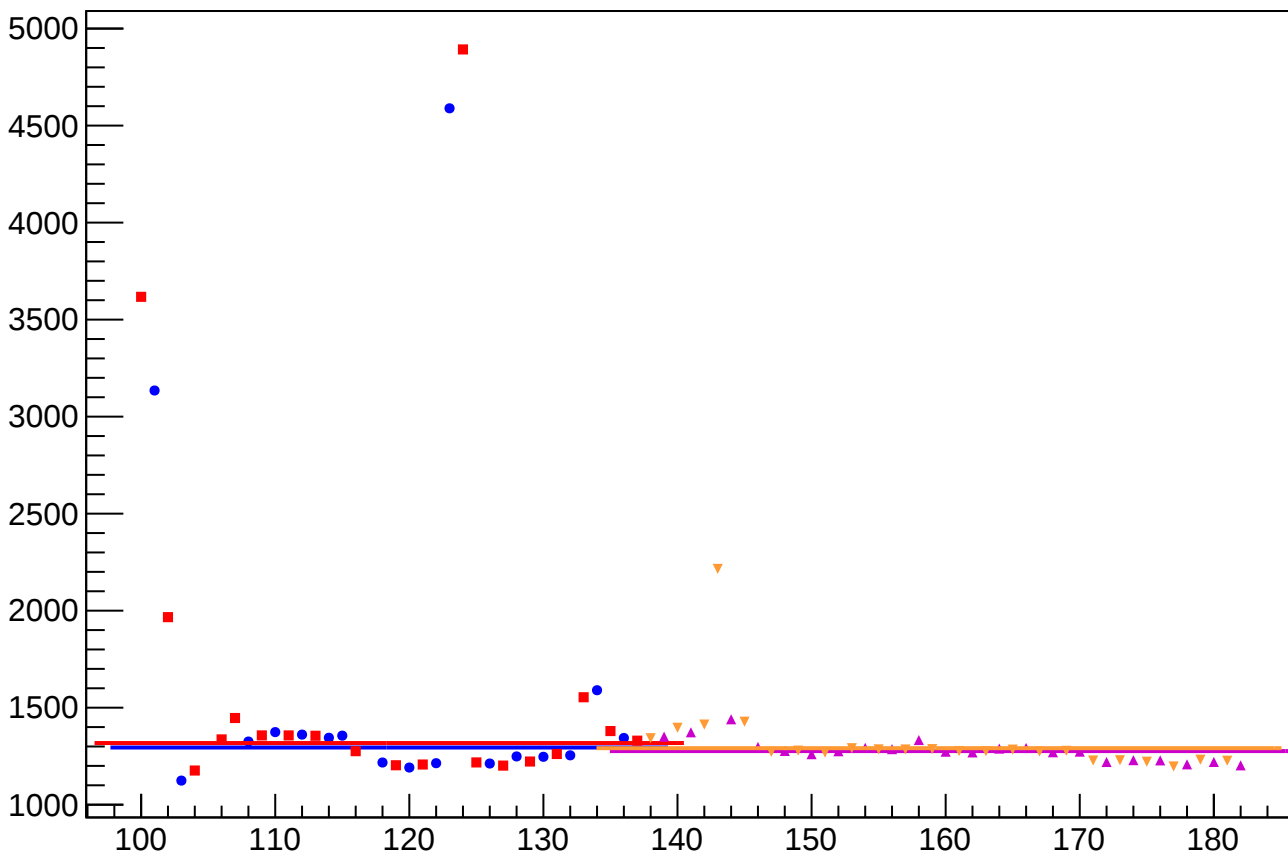
Right: -133.943 $\pm$ 361.026 χ^2 /NDF: 36.6/35

In: -89.239 $\pm$ 263.804 χ^2 /NDF:32.5/38

Out: -309.665 $\pm$ 264.822 χ^2 /NDF:41.8/41

All: -199.027 $\pm$ 186.897 χ^2 /NDF: 74.7/80

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



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

Left Out: 1291.298+/-0.219 χ^2/NDF : 332123.1/22

Right Out: 1317.789+/-0.359 χ^2/NDF : 390807.4/18

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

Left: 1283.725+/-0.154 χ^2/NDF : 396304.3/44

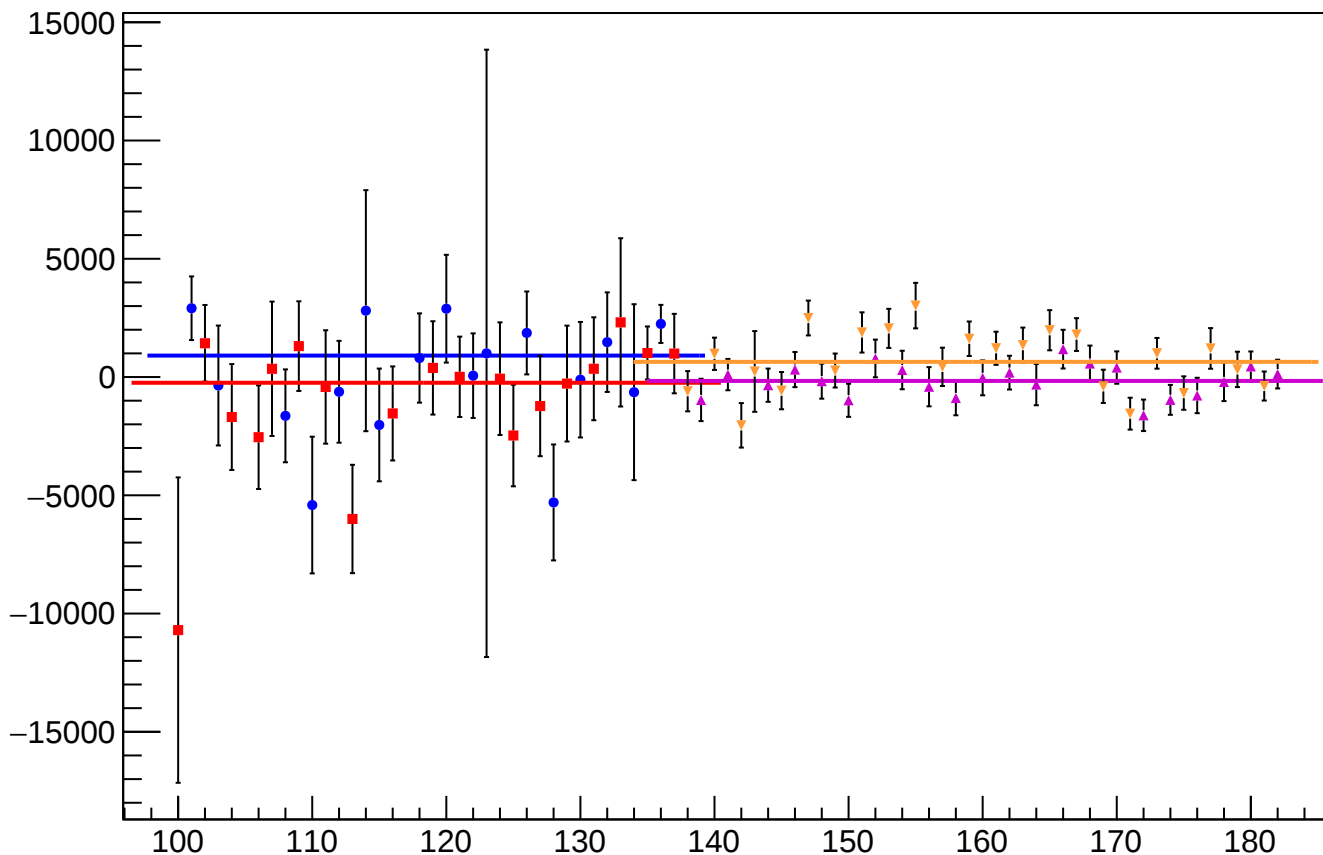
Right: 1306.361+/-0.255 χ^2/NDF : 900651.0/35

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

Out: 1298.488+/-0.187 χ^2/NDF : 726887.9/41

All: 1289.791+/-0.132 χ^2/NDF : 1302710.7/80

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 640.922 $\pm$ 159.214 χ^2 /NDF:59.4/22

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

Left In: -164.551 $\pm$ 155.433 χ^2 /NDF:18.5/21

Left: 228.507 $\pm$ 111.220 χ^2 /NDF: 91.0/44

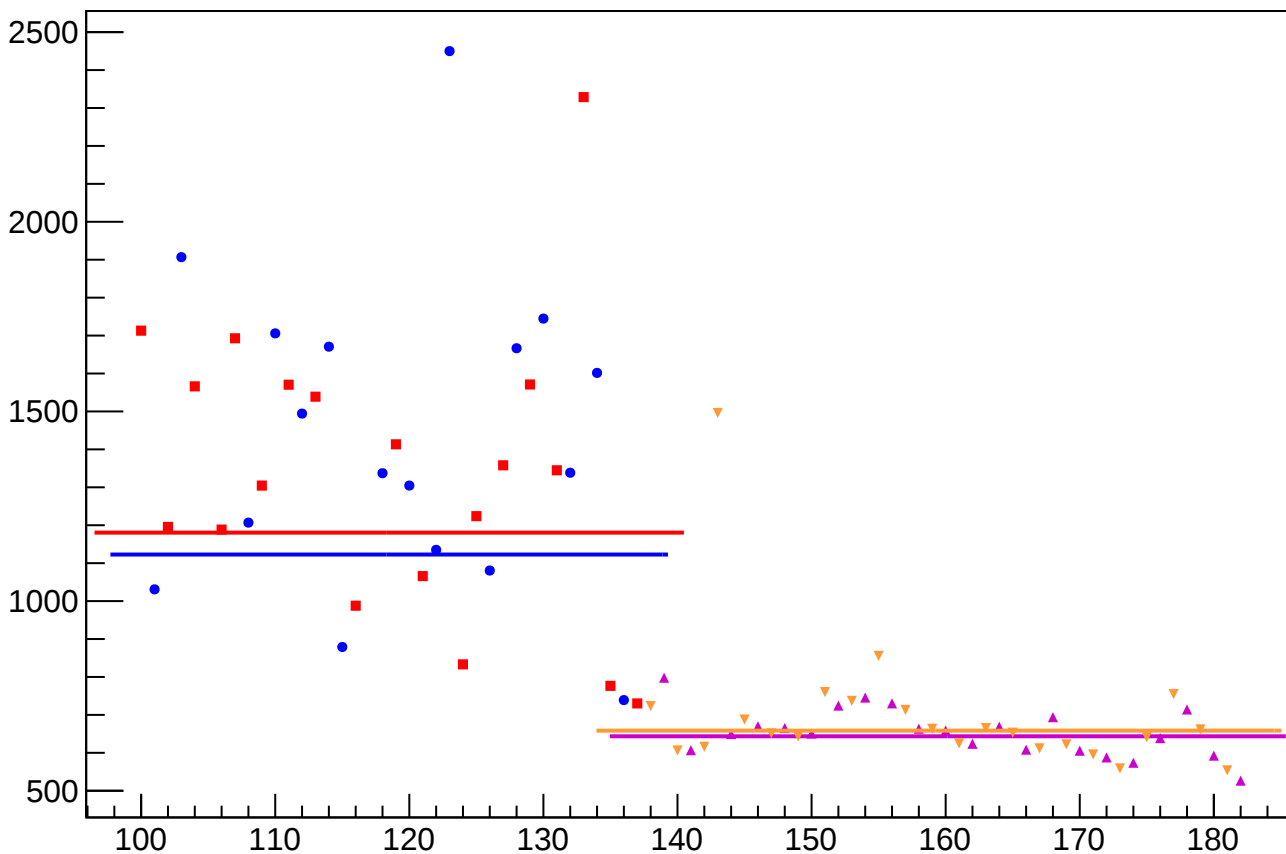
Right: 341.565 $\pm$ 324.946 χ^2 /NDF: 41.6/35

In: -52.973 $\pm$ 147.115 χ^2 /NDF:45.4/38

Out: 547.647 $\pm$ 150.572 χ^2 /NDF:79.1/41

All: 240.363 $\pm$ 105.227 χ^2 /NDF: 132.7/80

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773 $\pm$ 0.322 χ^2 /NDF: 1187996.4/16

Left Out: 658.449 $\pm$ 0.113 χ^2 /NDF: 820770.1/22

Right Out: 1180.554 $\pm$ 0.328 χ^2 /NDF: 1035382.2/18

Left In: 643.582 $\pm$ 0.110 χ^2 /NDF: 309217.9/21

Left: 650.837 $\pm$ 0.079 χ^2 /NDF: 1138916.4/44

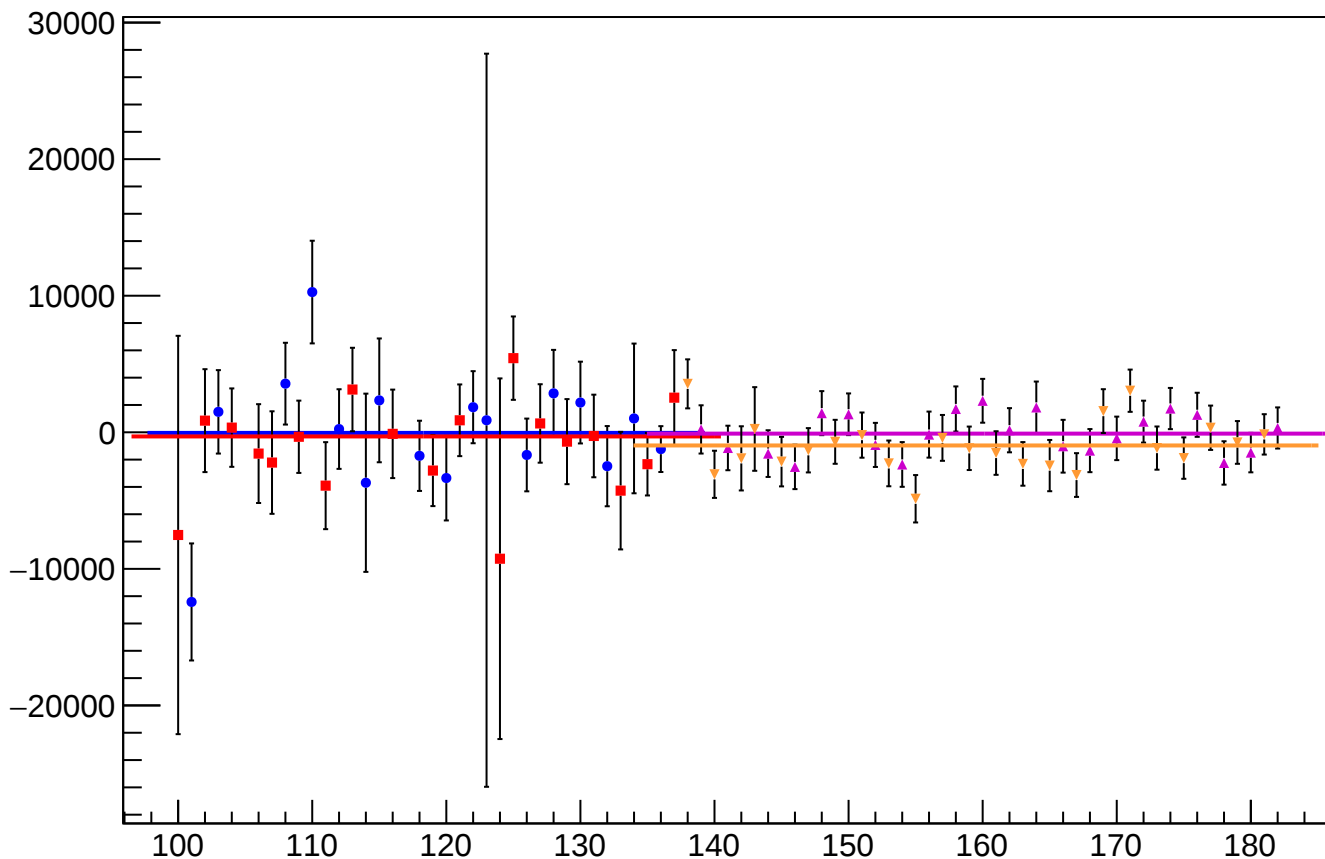
Right: 1151.192 $\pm$ 0.230 χ^2 /NDF: 2239183.7/35

In: 693.494 $\pm$ 0.104 χ^2 /NDF: 3477161.5/38

Out: 713.587 $\pm$ 0.106 χ^2 /NDF: 4127459.2/41

All: 703.307 $\pm$ 0.074 χ^2 /NDF: 7622841.8/80

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367 ± 747.588 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -964.226 ± 350.214 $\chi^2/\text{NDF}: 28.4/22$

Right Out: -303.720 ± 734.458 $\chi^2/\text{NDF}: 10.9/18$

Left In: -97.695 ± 345.407 $\chi^2/\text{NDF}: 18.1/21$

Left: -524.972 ± 245.922 $\chi^2/\text{NDF}: 49.6/44$

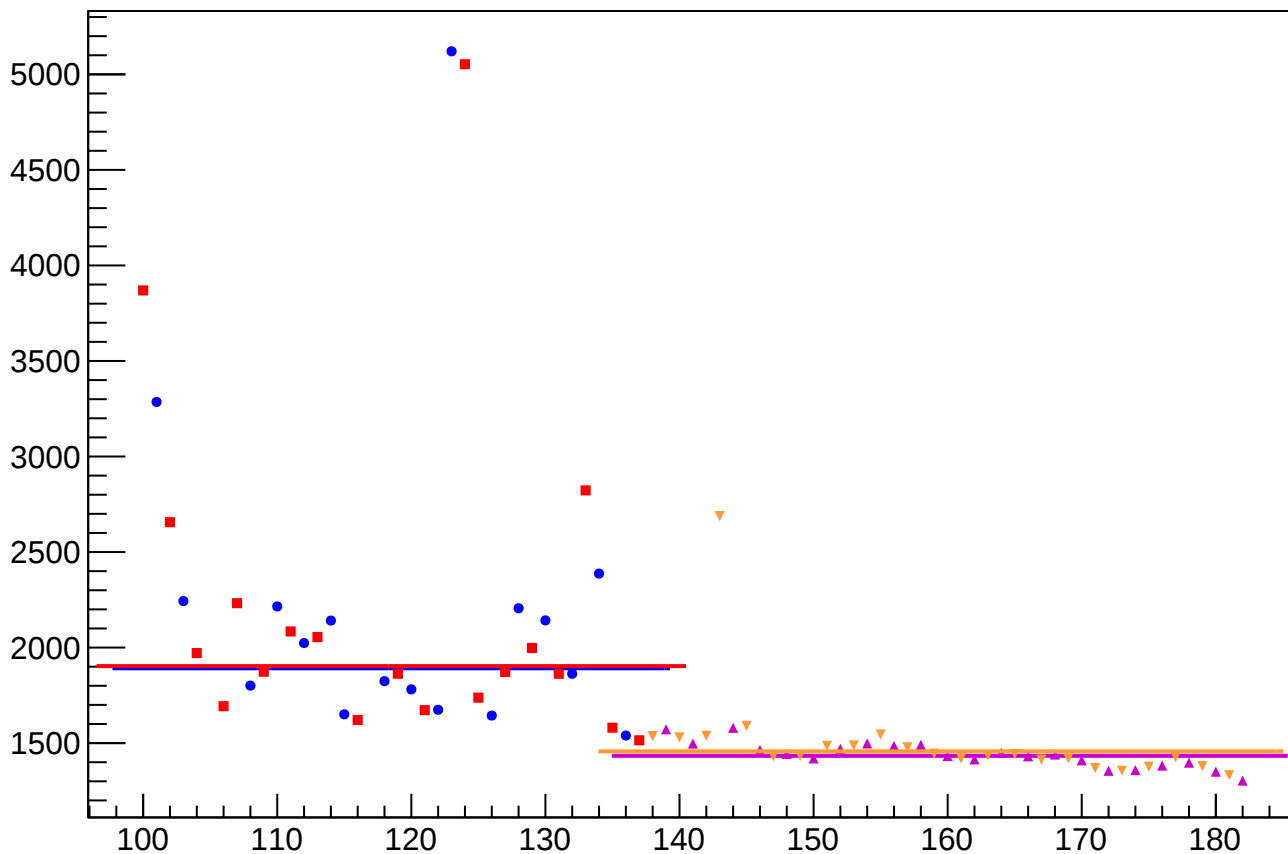
Right: -176.341 ± 523.921 $\chi^2/\text{NDF}: 34.1/35$

In: -88.314 ± 313.557 $\chi^2/\text{NDF}: 41.3/38$

Out: -841.867 ± 316.116 $\chi^2/\text{NDF}: 39.9/41$

All: -462.028 ± 222.617 $\chi^2/\text{NDF}: 84.1/80$

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668+/-0.529 χ^2/NDF : 469088.3/16

Left Out: 1456.881+/-0.248 χ^2/NDF : 395770.2/22

Right Out: 1903.010+/-0.519 χ^2/NDF : 460147.6/18

Left In: 1433.374+/-0.244 χ^2/NDF : 75084.6/21

Left: 1444.965+/-0.174 χ^2/NDF : 475422.5/44

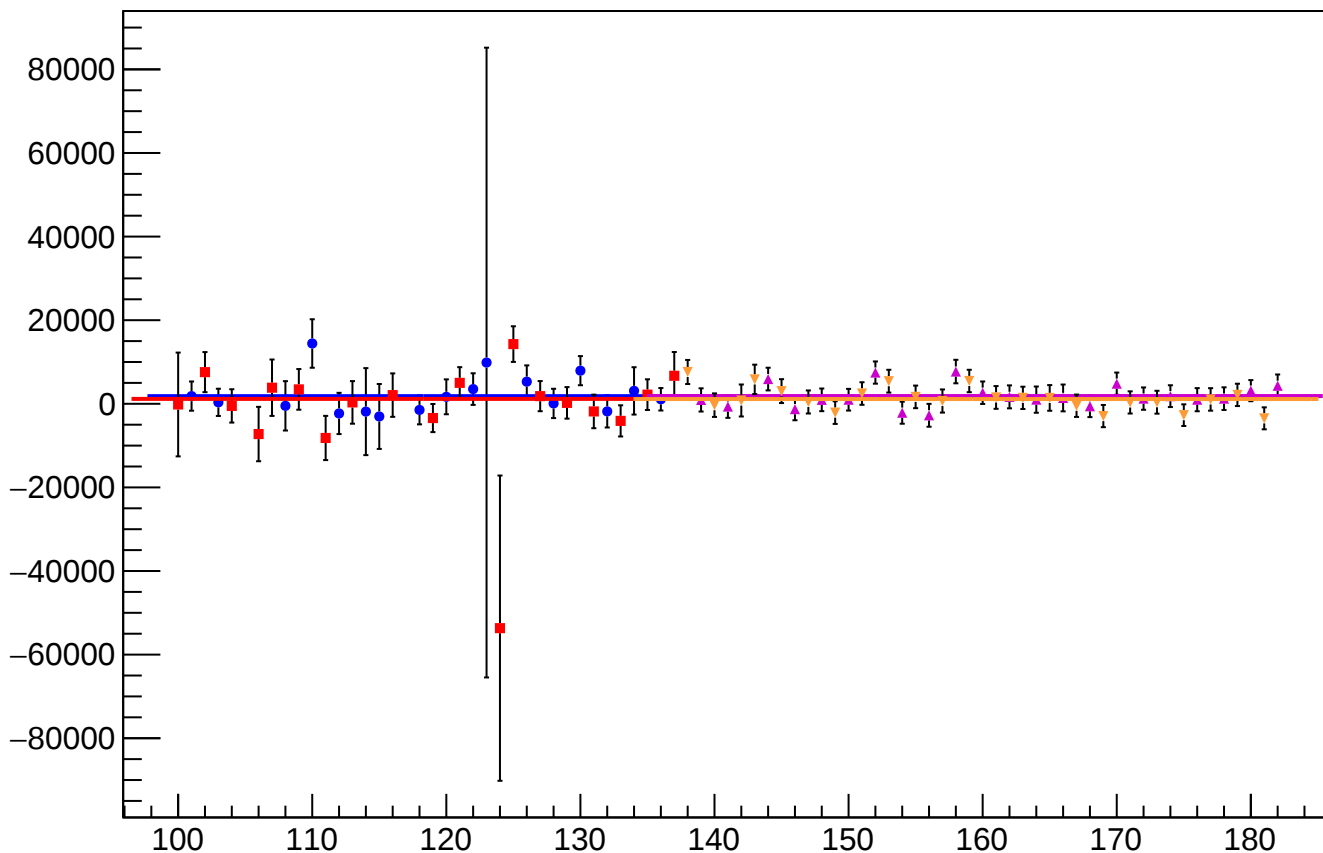
Right: 1897.439+/-0.370 χ^2/NDF : 929470.1/35

In: 1513.997+/-0.222 χ^2/NDF : 1163569.2/38

Out: 1539.529+/-0.224 χ^2/NDF : 1457161.2/41

All: 1526.659+/-0.157 χ^2/NDF : 2627307.0/80

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 1138.094 $\pm$ 579.652 χ^2 /NDF:22.8/22

Right Out: 1173.235 $\pm$ 1046.189 χ^2 /NDF: 25.5/18

Left In: 1854.644 $\pm$ 578.993 χ^2 /NDF:22.4/21

Left: 1496.777 $\pm$ 409.643 χ^2 /NDF: 45.9/44

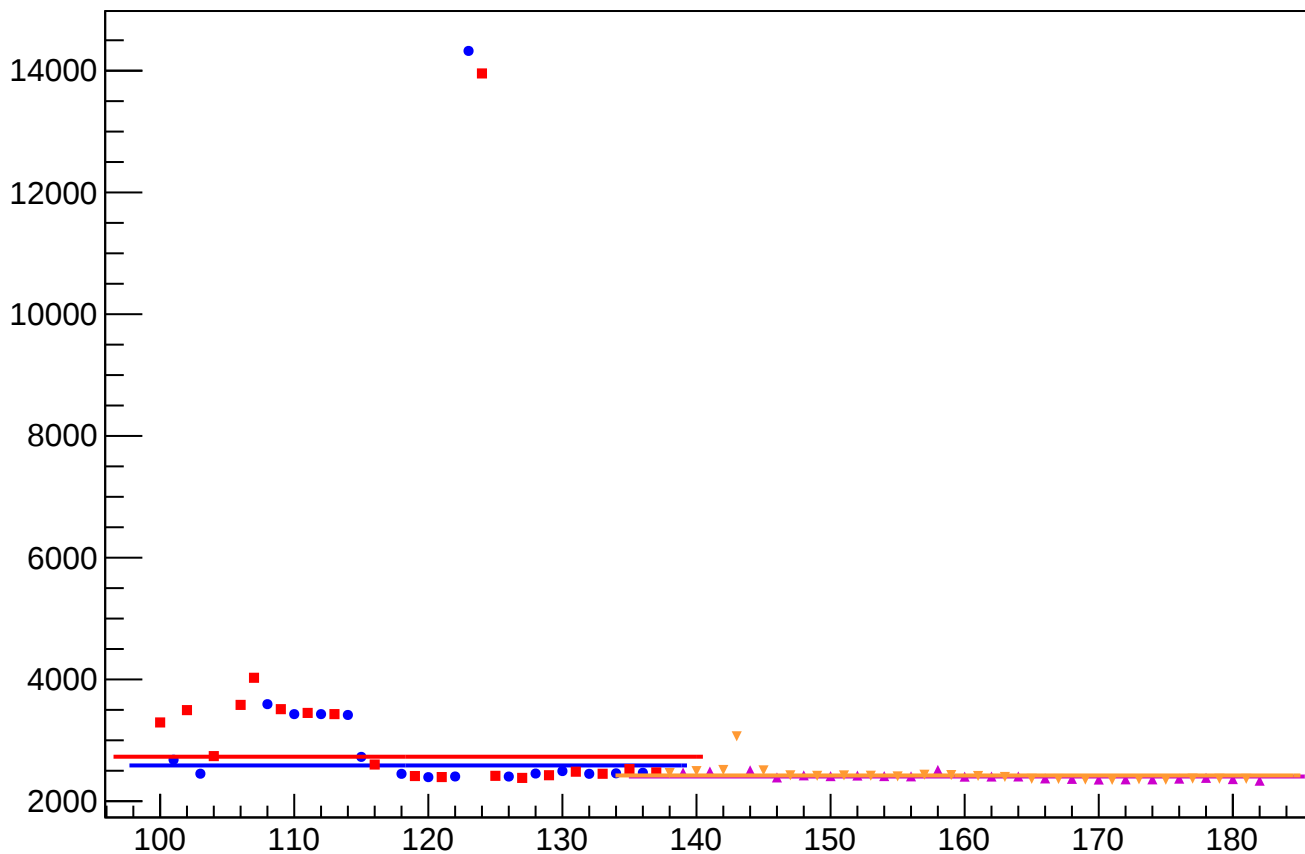
Right: 1510.553 $\pm$ 726.697 χ^2 /NDF: 38.2/35

In: 1847.324 $\pm$ 502.331 χ^2 /NDF:34.9/38

Out: 1146.348 $\pm$ 507.029 χ^2 /NDF:48.2/41

All: 1500.099 $\pm$ 356.851 χ^2 /NDF: 84.1/80

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2422.736+/-0.410 χ^2/NDF : 81027.3/22

Right Out: 2730.484+/-0.740 χ^2/NDF : 584993.0/18

Left In: 2405.171+/-0.409 χ^2/NDF : 13888.8/21

Left: 2413.944+/-0.290 χ^2/NDF : 95835.4/44

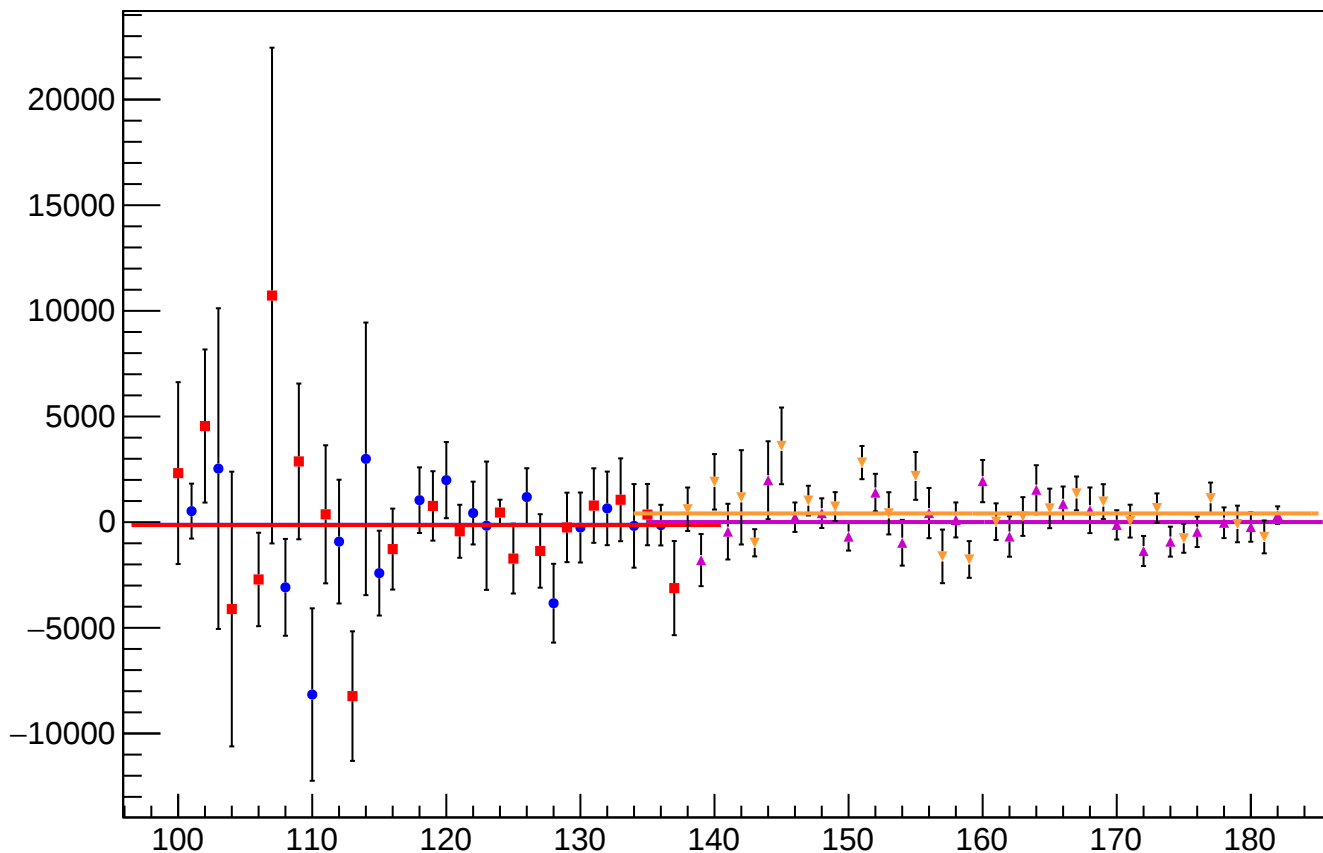
Right: 2656.218+/-0.514 χ^2/NDF : 858580.5/35

In: 2450.129+/-0.355 χ^2/NDF : 316765.3/38

Out: 2495.020+/-0.359 χ^2/NDF : 798433.4/41

All: 2472.365+/-0.252 χ^2/NDF : 1123110.6/80

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 414.329 ± 178.641 χ^2/NDF : 39.7/22

Right Out: -135.340 ± 379.439 χ^2/NDF : 17.9/18

Left In: 6.567 ± 168.693 χ^2/NDF : 22.4/21

Left: 198.778 ± 122.650 χ^2/NDF : 64.8/44

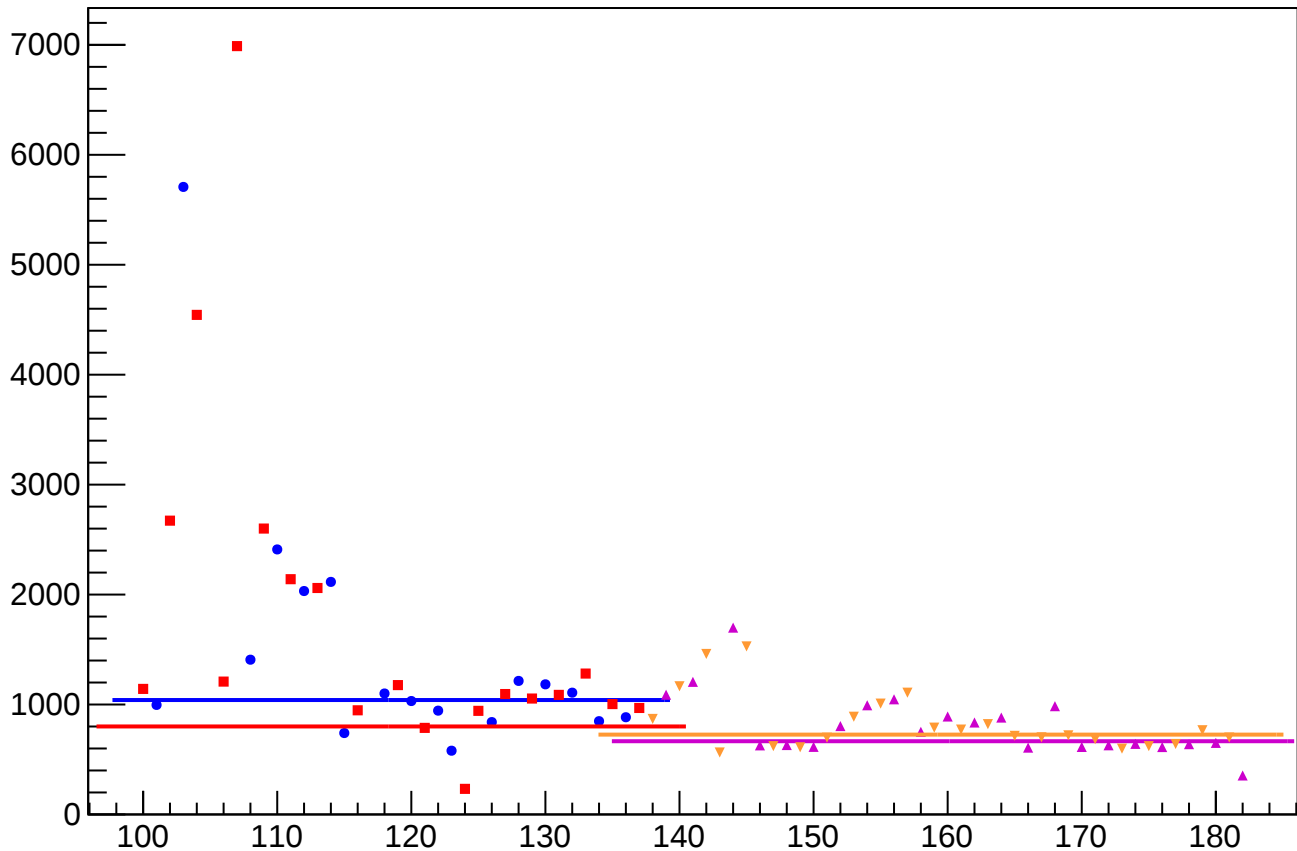
Right: -130.591 ± 284.729 χ^2/NDF : 32.6/35

In: -10.857 ± 157.077 χ^2/NDF : 37.1/38

Out: 314.597 ± 161.625 χ^2/NDF : 59.3/41

All: 147.227 ± 112.644 χ^2/NDF : 98.5/80

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 726.237+/-0.126 χ^2/NDF :1652738.2/22

Right Out: 800.407+/-0.268 χ^2/NDF : 5187026.8/18

Left In: 666.072+/-0.119 χ^2/NDF :3267527.6/21

Left: 694.433+/-0.087 χ^2/NDF : 5040183.9/44

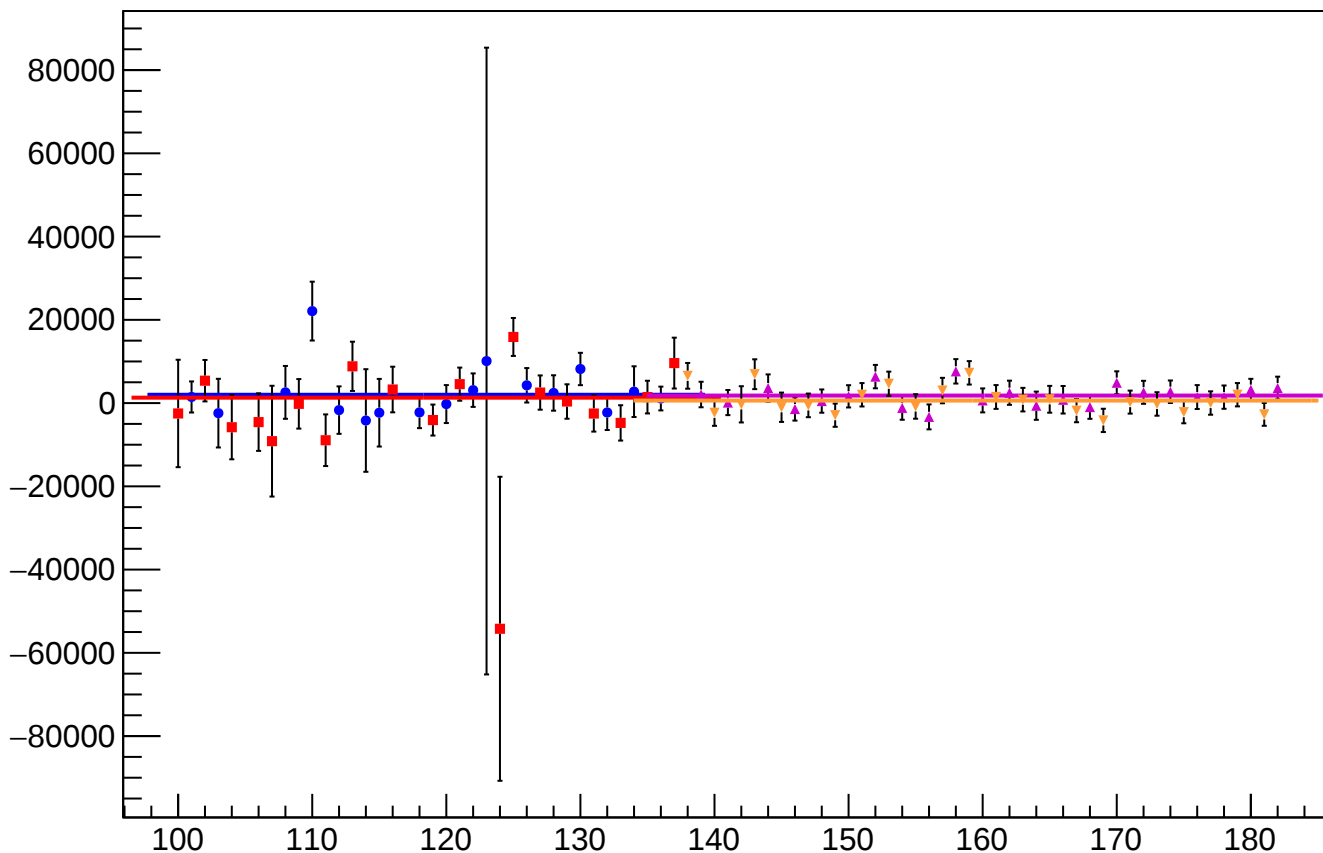
Right: 905.419+/-0.201 χ^2/NDF : 7110681.5/35

In: 715.895+/-0.111 χ^2/NDF :6152553.8/38

Out: 739.694+/-0.114 χ^2/NDF :6902319.3/41

All: 727.455+/-0.080 χ^2/NDF : 13077174.2/80

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 605.586+/-614.588 χ^2/NDF : 25.0/22

Right Out: 1304.124+/-1188.654 χ^2/NDF : 27.6/18

Left In: 1807.477+/-613.485 χ^2/NDF : 16.8/21

Left: 1207.611+/-434.189 χ^2/NDF : 43.7/44

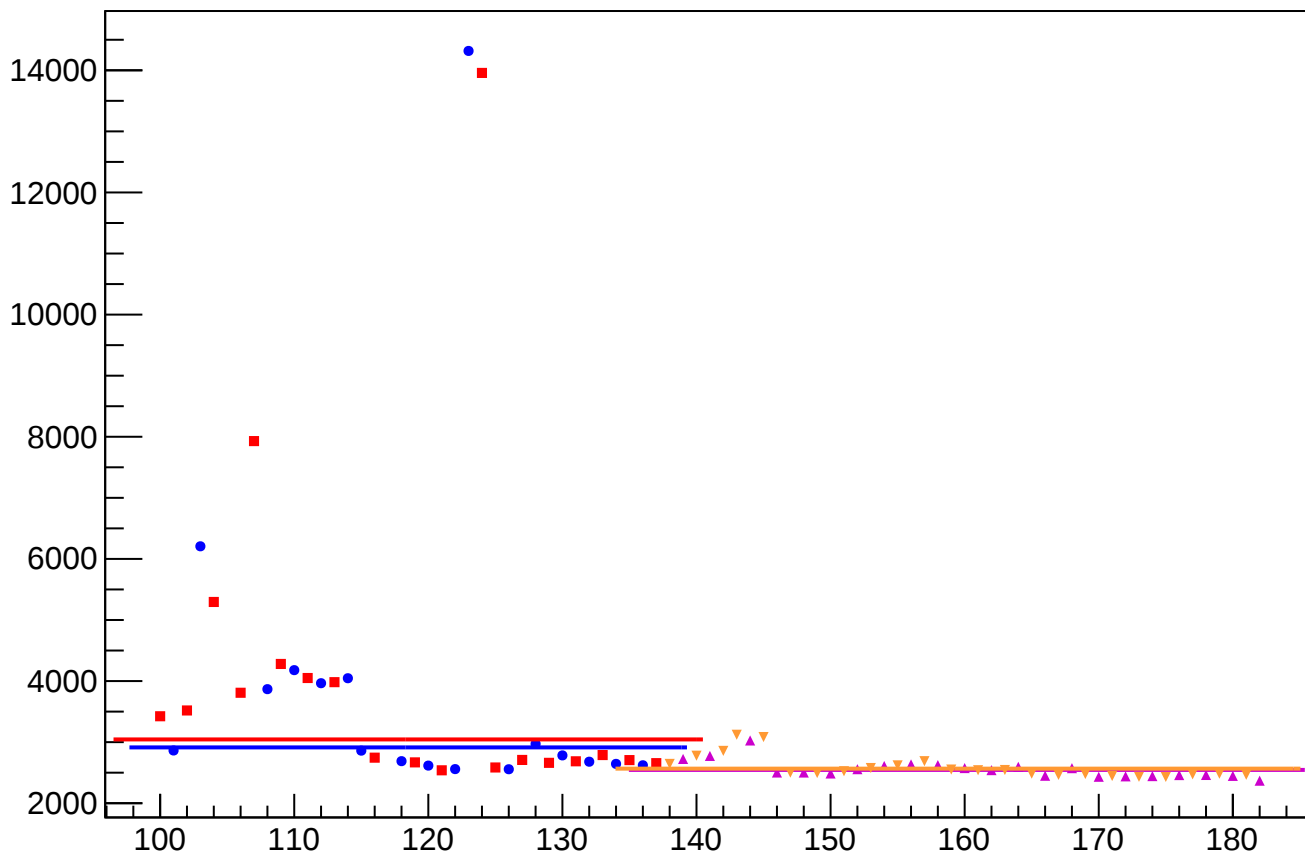
Right: 1660.114+/-828.371 χ^2/NDF : 42.7/35

In: 1849.016+/-541.805 χ^2/NDF : 31.7/38

Out: 752.938+/-545.931 χ^2/NDF : 52.9/41

All: 1305.135+/-384.565 χ^2/NDF : 86.6/80

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2566.138+/-0.435 χ^2/NDF : 143593.7/22

Right Out: 3044.474+/-0.841 χ^2/NDF : 1005326.4/18

Left In: 2545.288+/-0.434 χ^2/NDF : 94042.0/21

Left: 2555.695+/-0.307 χ^2/NDF : 238788.7/44

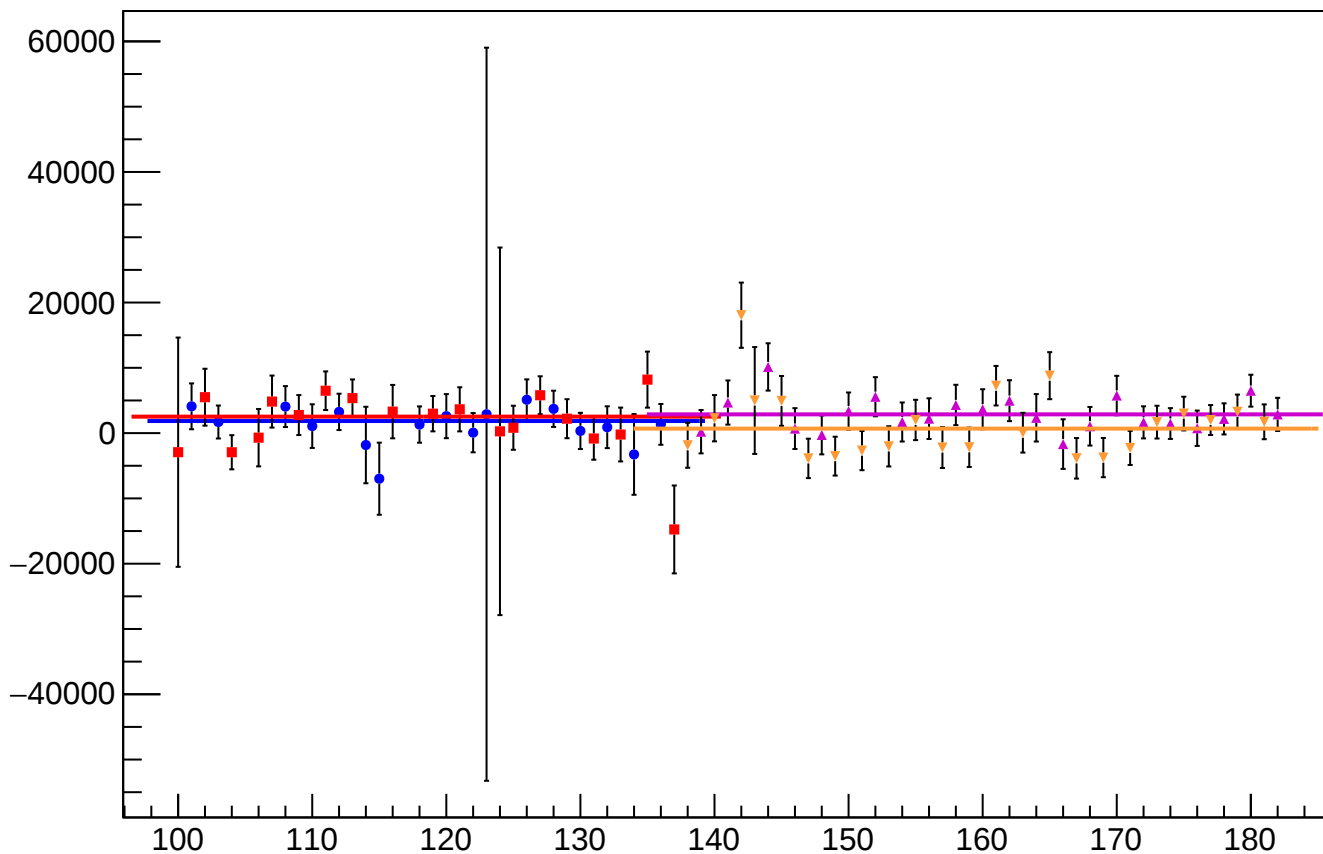
Right: 2977.303+/-0.586 χ^2/NDF : 1656728.7/35

In: 2626.388+/-0.383 χ^2/NDF : 891875.3/38

Out: 2667.040+/-0.386 χ^2/NDF : 1404479.7/41

All: 2646.560+/-0.272 χ^2/NDF : 2301941.7/80

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2/NDF : 7.3/16

Left Out: 690.860 $\pm$ 634.890 χ^2/NDF :40.4/22

Right Out: 2523.303 $\pm$ 818.432 χ^2/NDF : 20.1/18

Left In: 2871.138 $\pm$ 622.368 χ^2/NDF :14.6/21

Left: 1802.712 $\pm$ 444.441 χ^2/NDF : 61.0/44

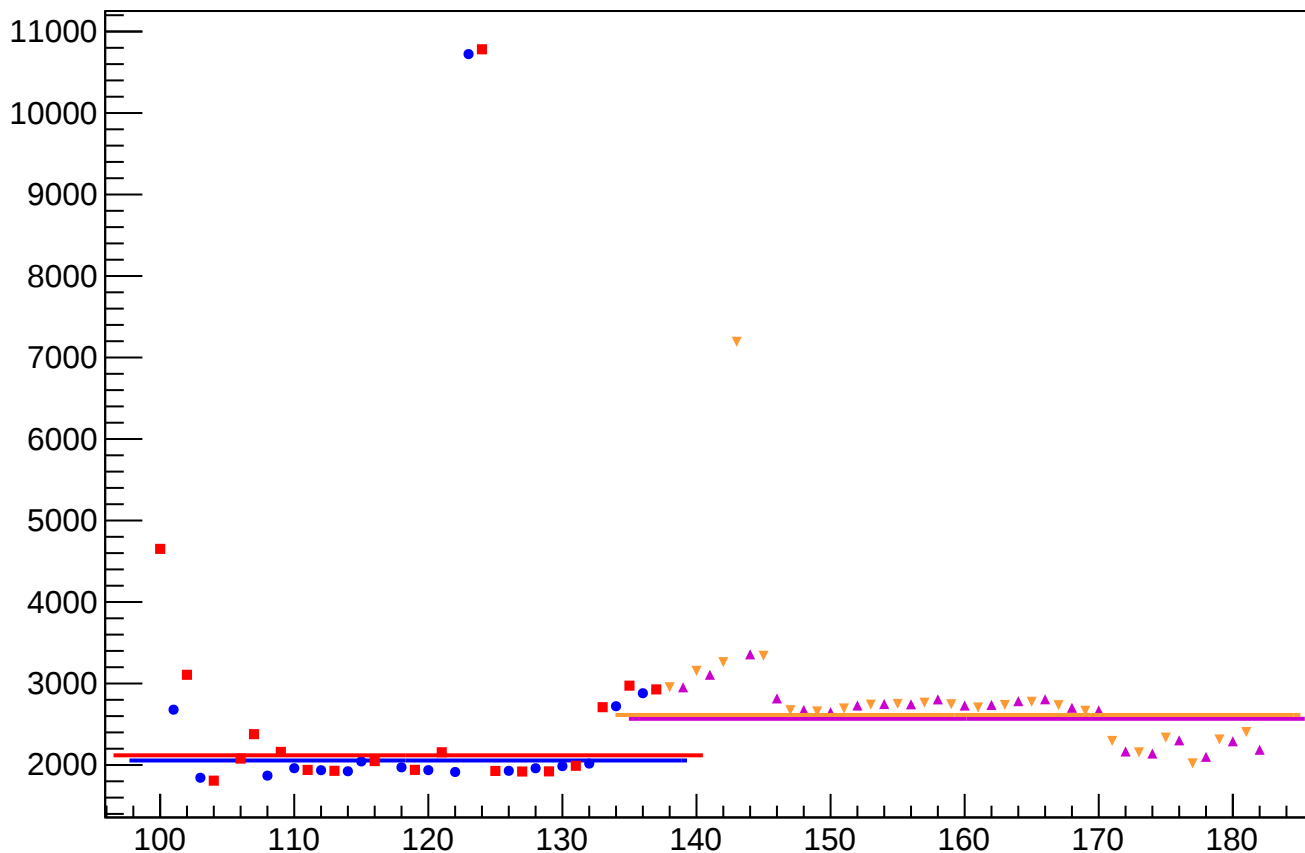
Right: 2181.863 $\pm$ 574.547 χ^2/NDF : 27.7/35

In: 2490.197 $\pm$ 492.777 χ^2/NDF :22.8/38

Out: 1379.293 $\pm$ 501.647 χ^2/NDF :63.7/41

All: 1944.653 $\pm$ 351.540 χ^2/NDF : 89.0/80

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2/NDF : 316383.7/16

Left Out: 2614.131 $\pm$ 0.449 χ^2/NDF : 1120907.0/22

Right Out: 2118.803 $\pm$ 0.578 χ^2/NDF : 573725.8/18

Left In: 2567.024 $\pm$ 0.440 χ^2/NDF : 540224.3/21

Left: 2590.108 $\pm$ 0.314 χ^2/NDF : 1666746.0/44

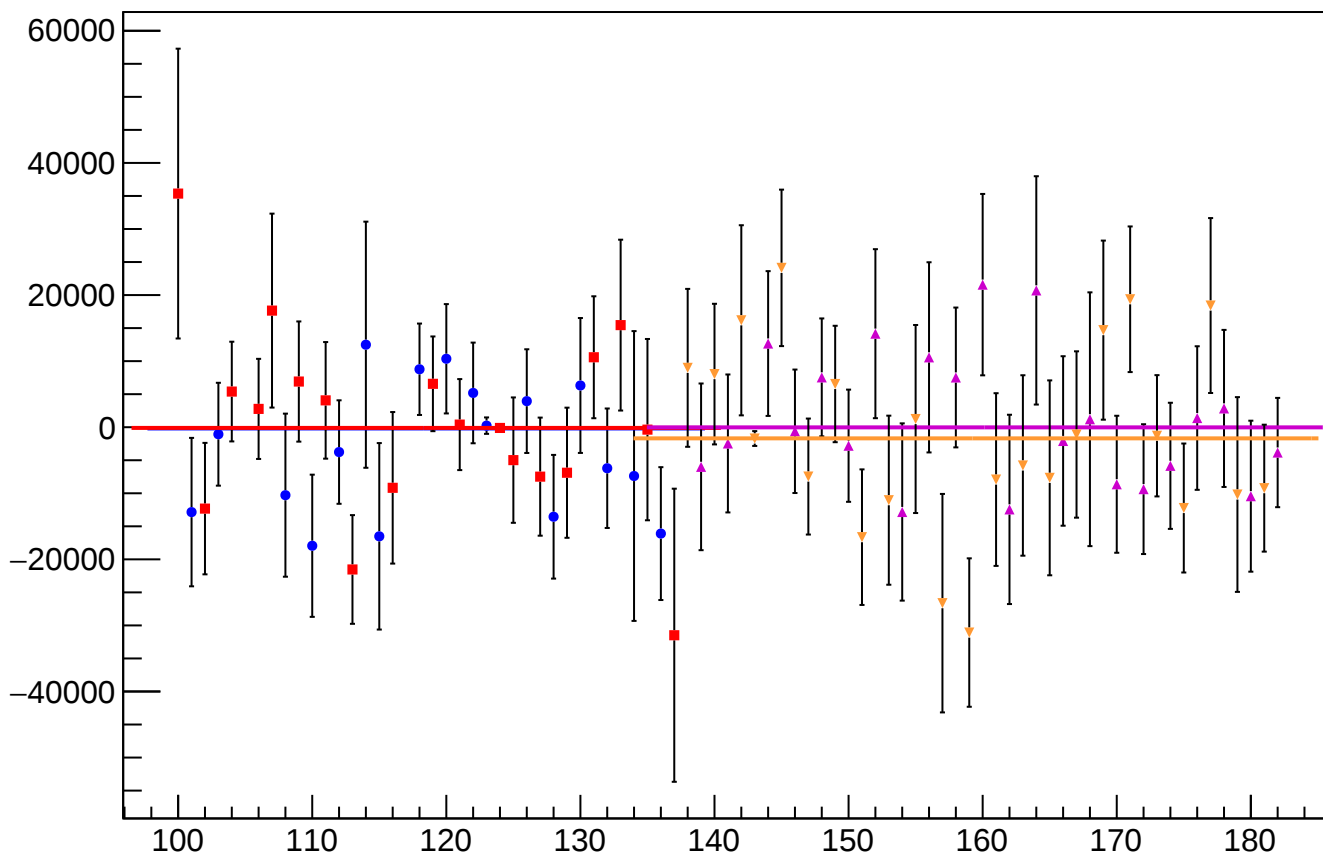
Right: 2086.718 $\pm$ 0.406 χ^2/NDF : 896197.4/35

In: 2376.160 $\pm$ 0.348 χ^2/NDF : 1360770.8/38

Out: 2427.692 $\pm$ 0.355 χ^2/NDF : 2152839.6/41

All: 2401.481 $\pm$ 0.249 χ^2/NDF : 3524357.2/80

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1686.688+/-1021.116 χ^2/NDF : 31.1/22

Right Out: -106.733+/-690.637 χ^2/NDF : 21.6/18

Left In: -24.385+/-2370.916 χ^2/NDF : 13.4/21

Left: -1426.594+/-937.835 χ^2/NDF : 44.9/44

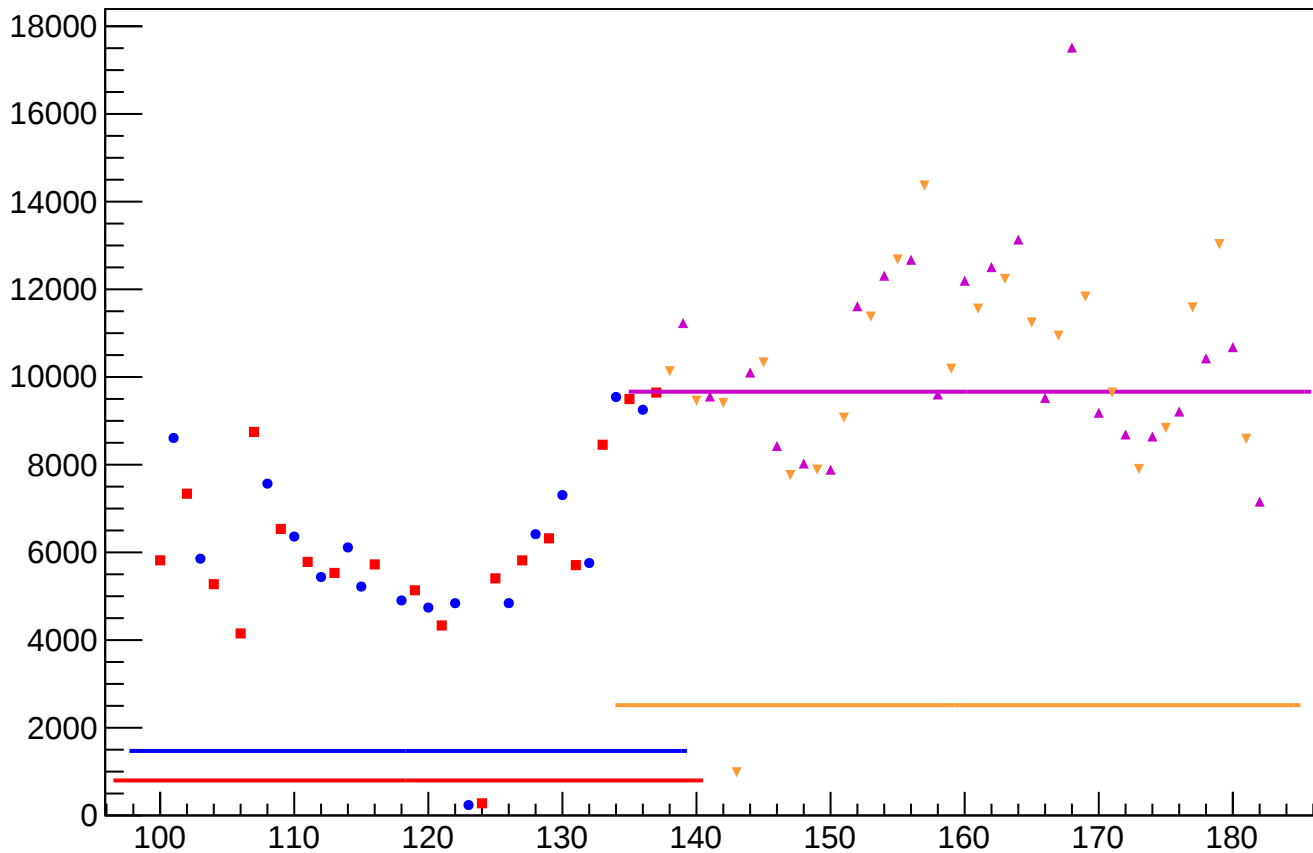
Right: -128.909+/-585.025 χ^2/NDF : 38.0/35

In: -156.720+/-998.417 χ^2/NDF : 29.8/38

Out: -602.638+/-572.074 χ^2/NDF : 54.3/41

All: -492.424+/-496.367 χ^2/NDF : 84.2/80

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778 χ^2/NDF : 9788255.4/16

Left Out: 2515.611+/-0.722 χ^2/NDF : 22575355.7/22

Right Out: 798.642+/-0.488 χ^2/NDF : 11527481.4/18

Left In: 9664.763+/-1.676 χ^2/NDF : 1255969.3/21

Left: 3634.211+/-0.663 χ^2/NDF : 39170762.5/44

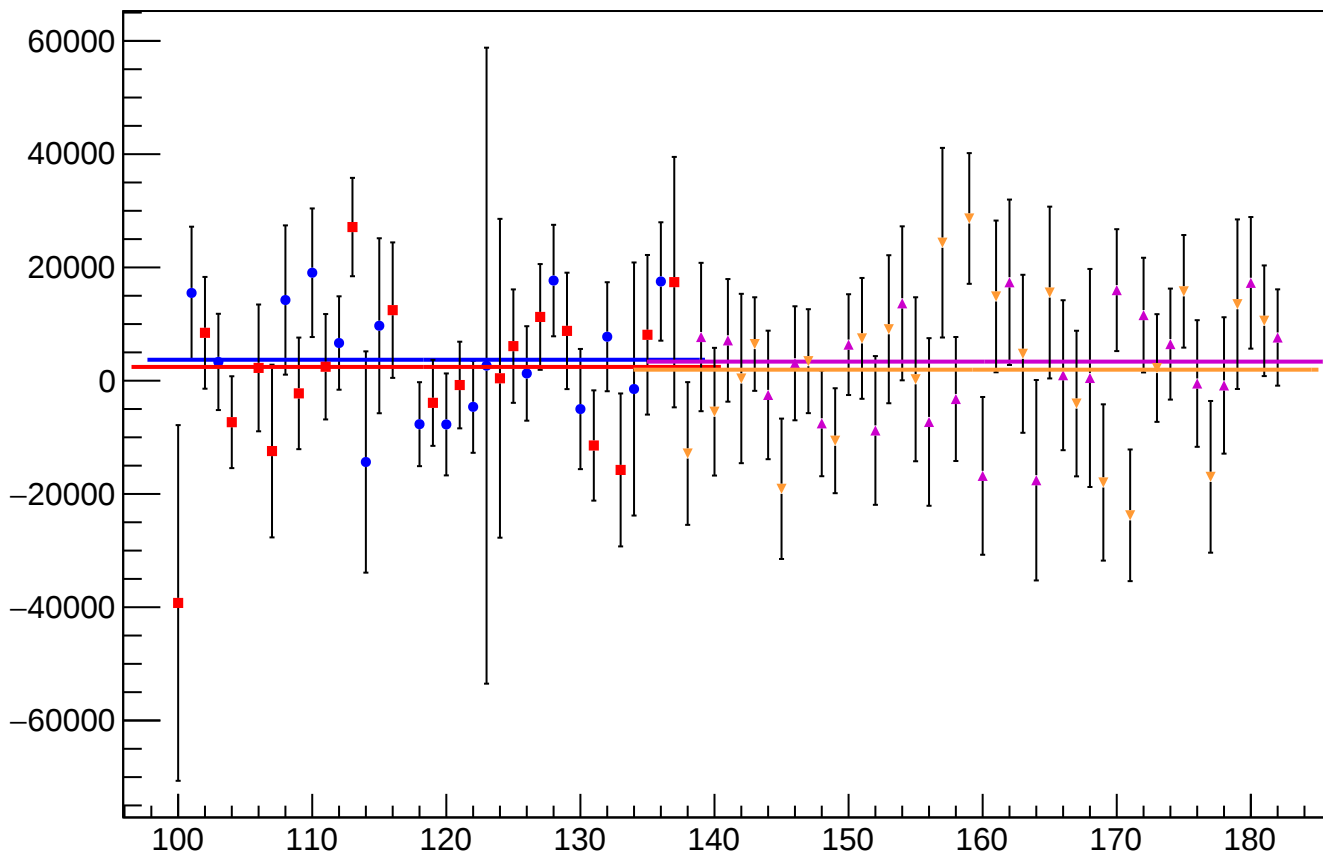
Right: 988.724+/-0.414 χ^2/NDF : 21852108.4/35

In: 2924.534+/-0.706 χ^2/NDF : 30692463.1/38

Out: 1337.552+/-0.405 χ^2/NDF : 37982637.7/41

All: 1729.793+/-0.351 χ^2/NDF : 72479193.9/8

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440 $\pm$ 2517.949 χ^2 /NDF: 14.4/16

Left Out: 1944.007 $\pm$ 2430.803 χ^2 /NDF: 28.9/22

Right Out: 2430.229 $\pm$ 2421.418 χ^2 /NDF: 20.3/18

Left In: 3367.961 $\pm$ 2450.252 χ^2 /NDF: 12.8/21

Left: 2650.310 $\pm$ 1725.673 χ^2 /NDF: 41.9/44

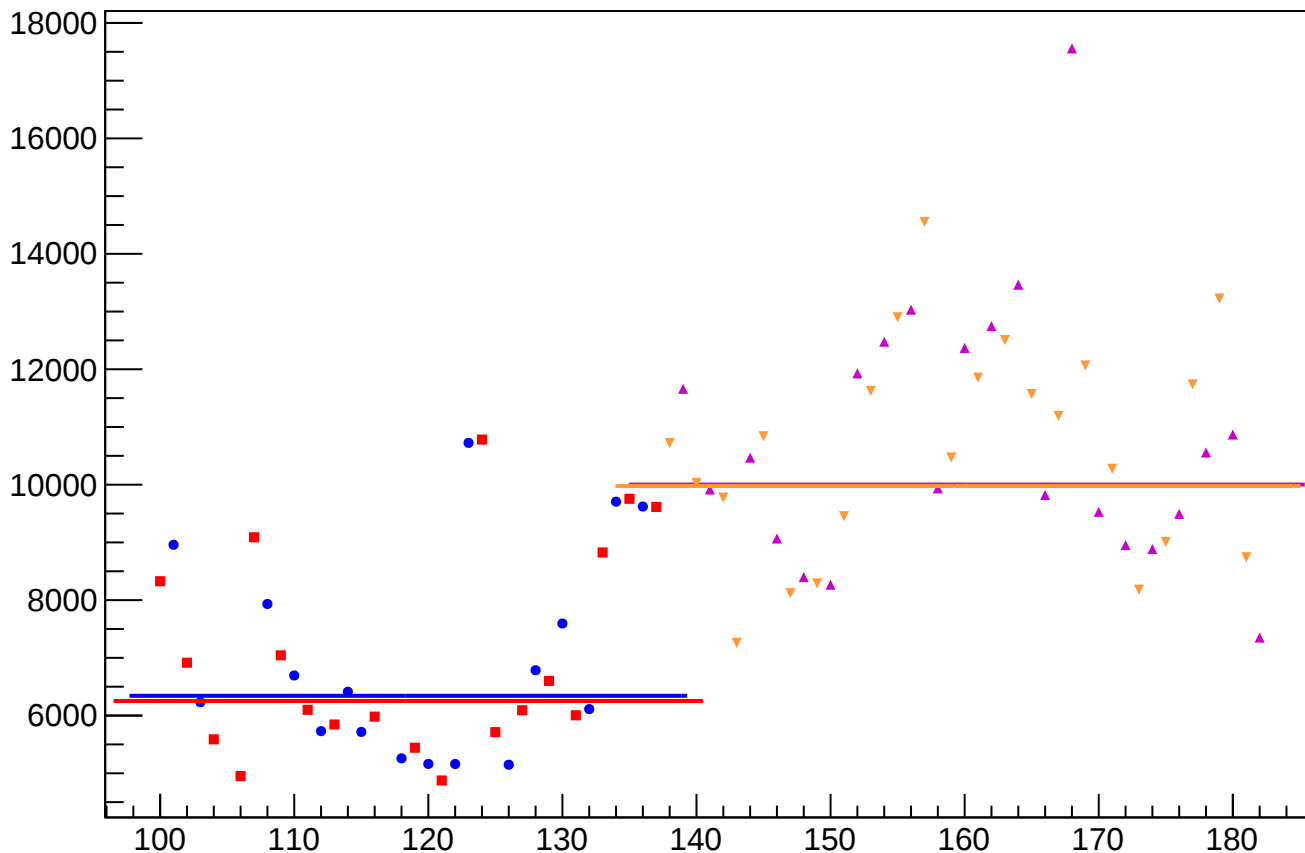
Right: 3039.559 $\pm$ 1745.330 χ^2 /NDF: 34.8/35

In: 3528.698 $\pm$ 1756.035 χ^2 /NDF: 27.2/38

Out: 2188.059 $\pm$ 1715.510 χ^2 /NDF: 49.2/41

All: 2842.730 $\pm$ 1227.126 χ^2 /NDF: 76.7/80

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9976.890+/-1.719 χ^2/NDF : 1095847.4/22

Right Out: 6252.137+/-1.712 χ^2/NDF : 538031.2/18

Left In: 10002.301+/-1.733 χ^2/NDF : 1159567.4/21

Left: 9989.494+/-1.220 χ^2/NDF : 2255523.2/44

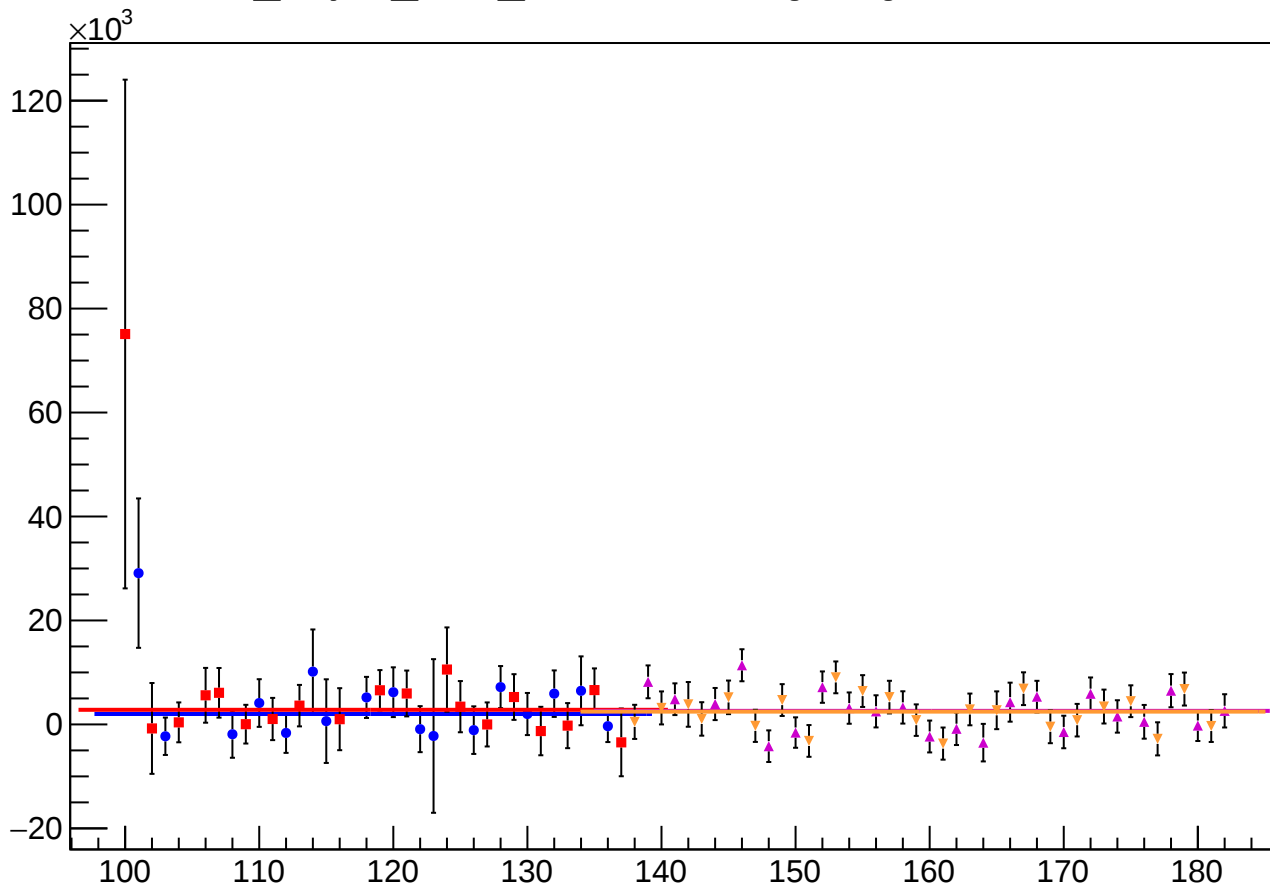
Right: 6295.468+/-1.234 χ^2/NDF : 1133033.3/35

In: 8222.167+/-1.242 χ^2/NDF : 3923633.0/38

Out: 8107.223+/-1.213 χ^2/NDF : 3991054.2/41

All: 8163.352+/-0.868 χ^2/NDF : 7919071.9/80

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2463.441 $\pm$ 662.928 χ^2 /NDF: 26.5/22

Right Out: 2811.702 $\pm$ 1086.544 χ^2 /NDF: 10.5/18

Left In: 2607.805 $\pm$ 667.256 χ^2 /NDF: 34.7/21

Left: 2535.153 $\pm$ 470.284 χ^2 /NDF: 61.3/44

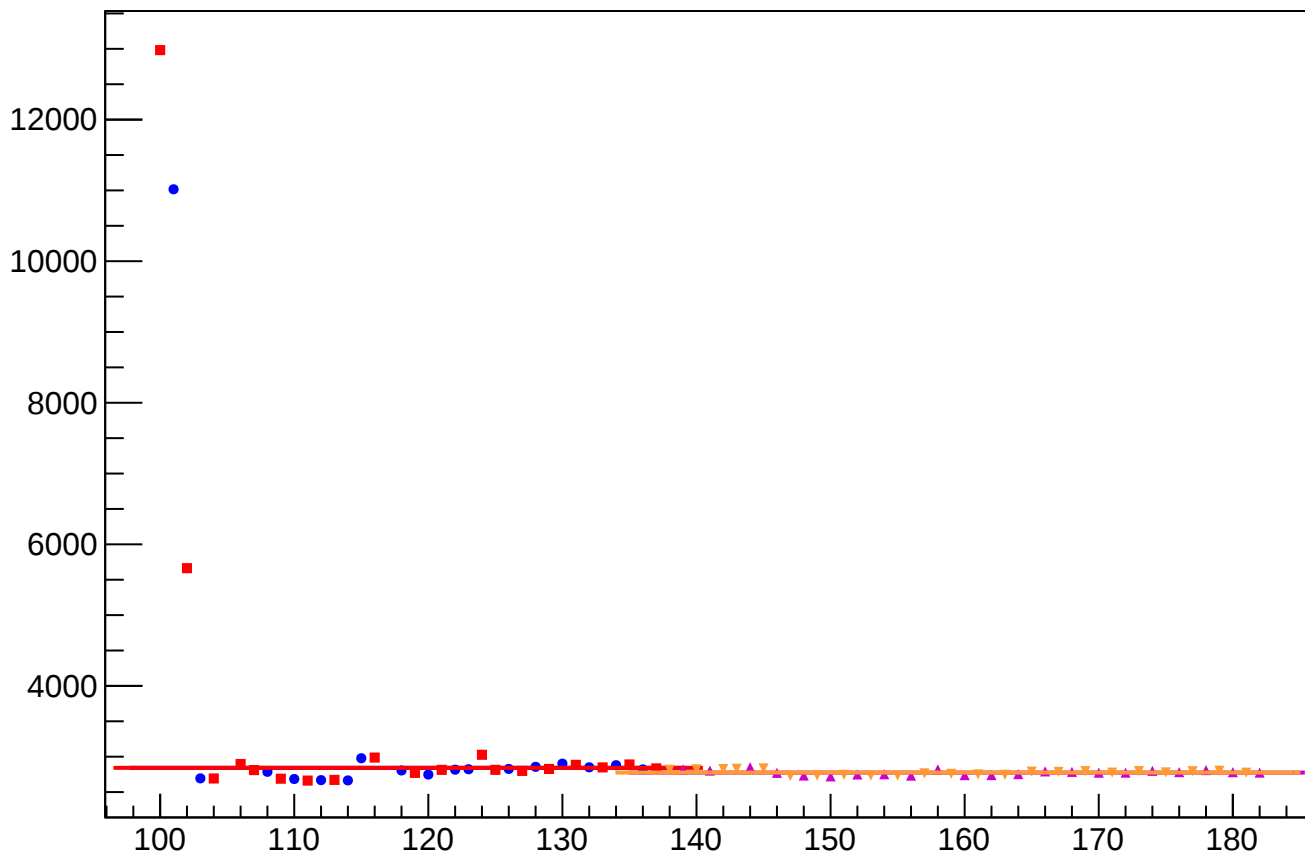
Right: 2422.331 $\pm$ 781.689 χ^2 /NDF: 24.5/35

In: 2450.914 $\pm$ 573.960 χ^2 /NDF: 48.7/38

Out: 2557.914 $\pm$ 565.913 χ^2 /NDF: 37.1/41

All: 2505.169 $\pm$ 402.976 χ^2 /NDF: 85.8/80

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2776.096+/-0.469 χ^2/NDF : 4879.6/22

Right Out: 2842.440+/-0.768 χ^2/NDF : 312335.6/18

Left In: 2775.222+/-0.472 χ^2/NDF : 4967.5/21

Left: 2775.662+/-0.333 χ^2/NDF : 9848.8/44

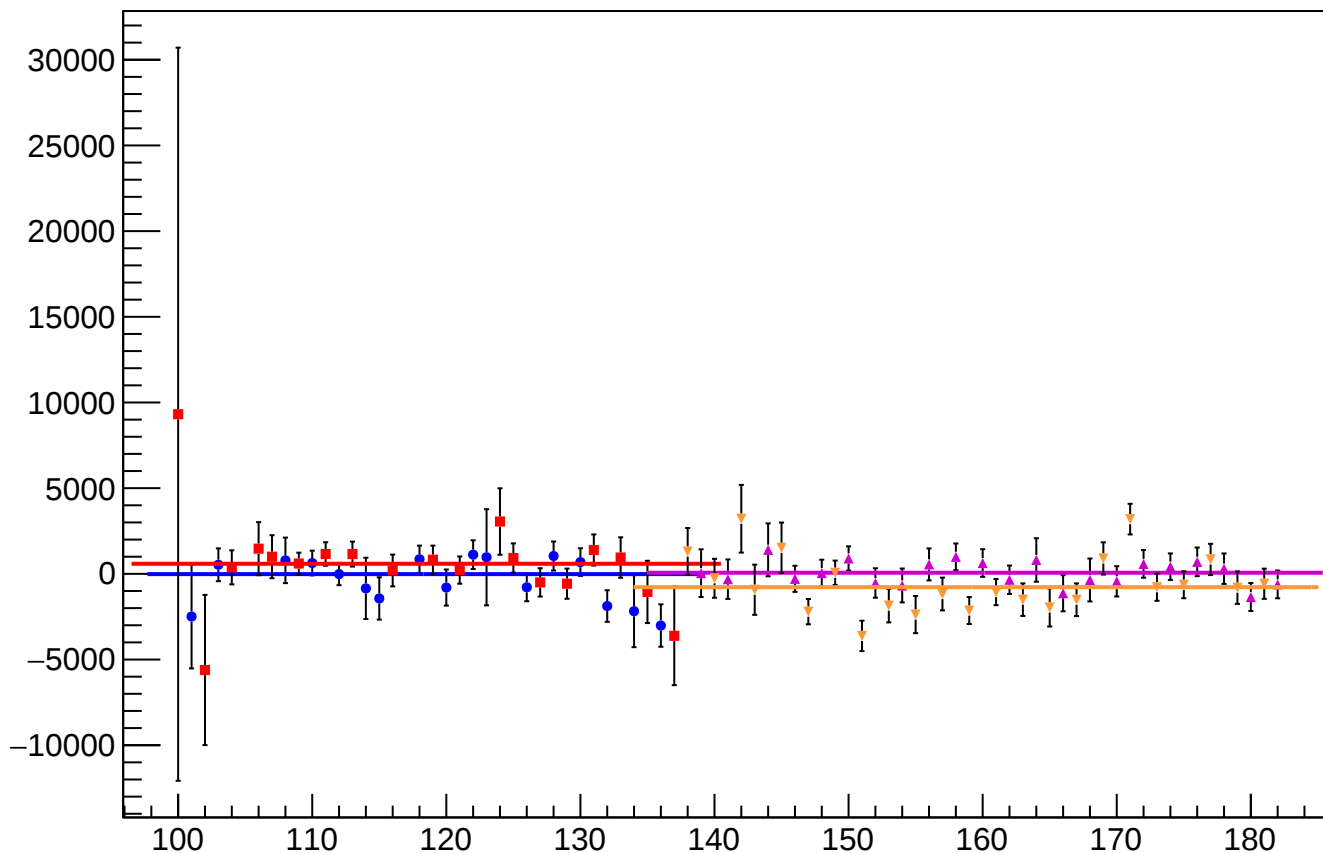
Right: 2842.531+/-0.553 χ^2/NDF : 972640.7/35

In: 2792.754+/-0.406 χ^2/NDF : 670581.1/38

Out: 2794.094+/-0.400 χ^2/NDF : 322649.1/41

All: 2793.433+/-0.285 χ^2/NDF : 993235.7/80

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -776.338 ± 195.698 $\chi^2/\text{NDF}: 59.7/22$

Right Out: 588.581 ± 225.799 $\chi^2/\text{NDF}: 13.5/18$

Left In: 65.104 ± 190.323 $\chi^2/\text{NDF}: 13.0/21$

Left: -343.904 ± 136.440 $\chi^2/\text{NDF}: 82.1/44$

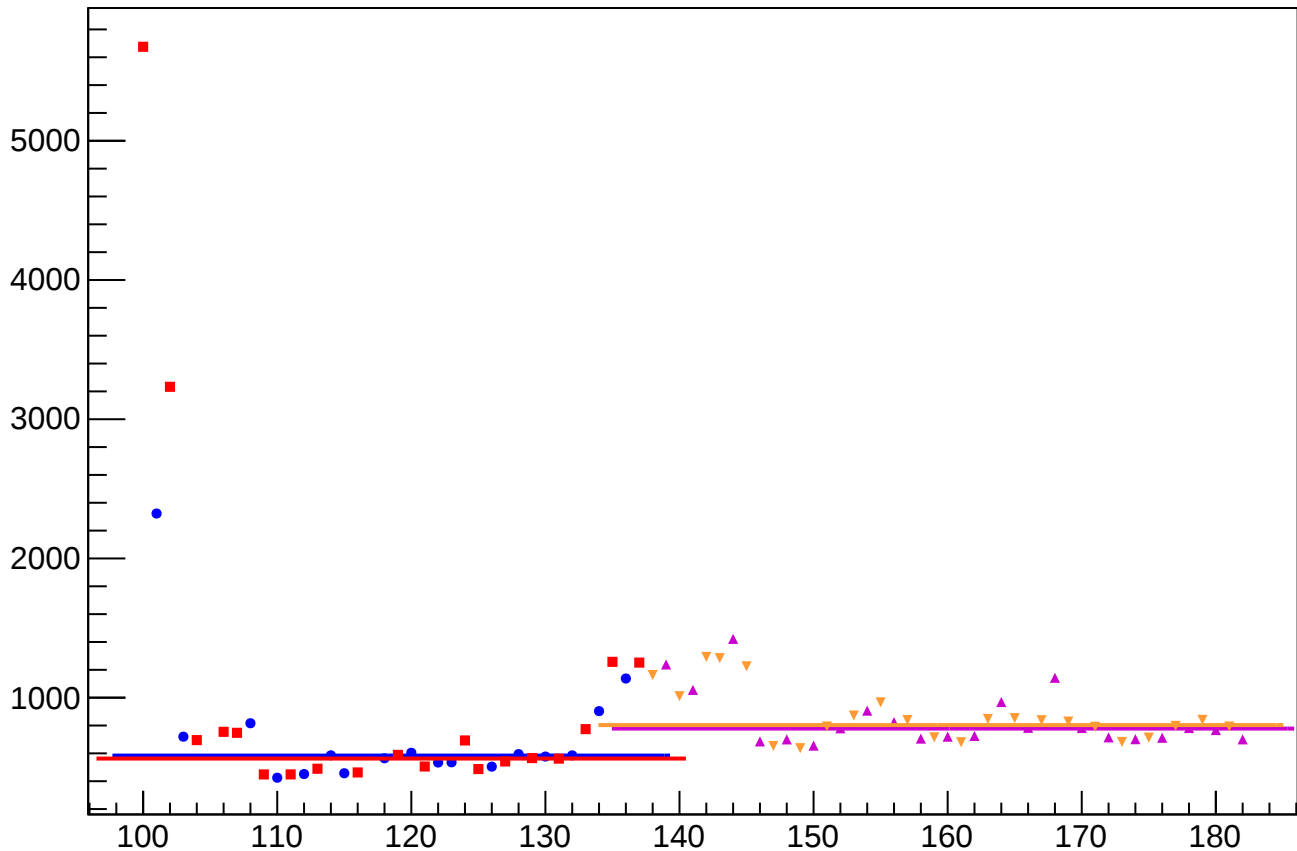
Right: 303.449 ± 164.088 $\chi^2/\text{NDF}: 38.5/35$

In: 33.752 ± 148.850 $\chi^2/\text{NDF}: 34.7/38$

Out: -190.857 ± 147.885 $\chi^2/\text{NDF}: 94.0/41$

All: -79.283 ± 104.910 $\chi^2/\text{NDF}: 129.8/80$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 803.106+/-0.138 χ^2/NDF : 1123967.2/22

Right Out: 562.692+/-0.160 χ^2/NDF : 1639562.8/18

Left In: 778.086+/-0.135 χ^2/NDF : 1145482.9/21

Left: 790.248+/-0.096 χ^2/NDF : 2286250.4/44

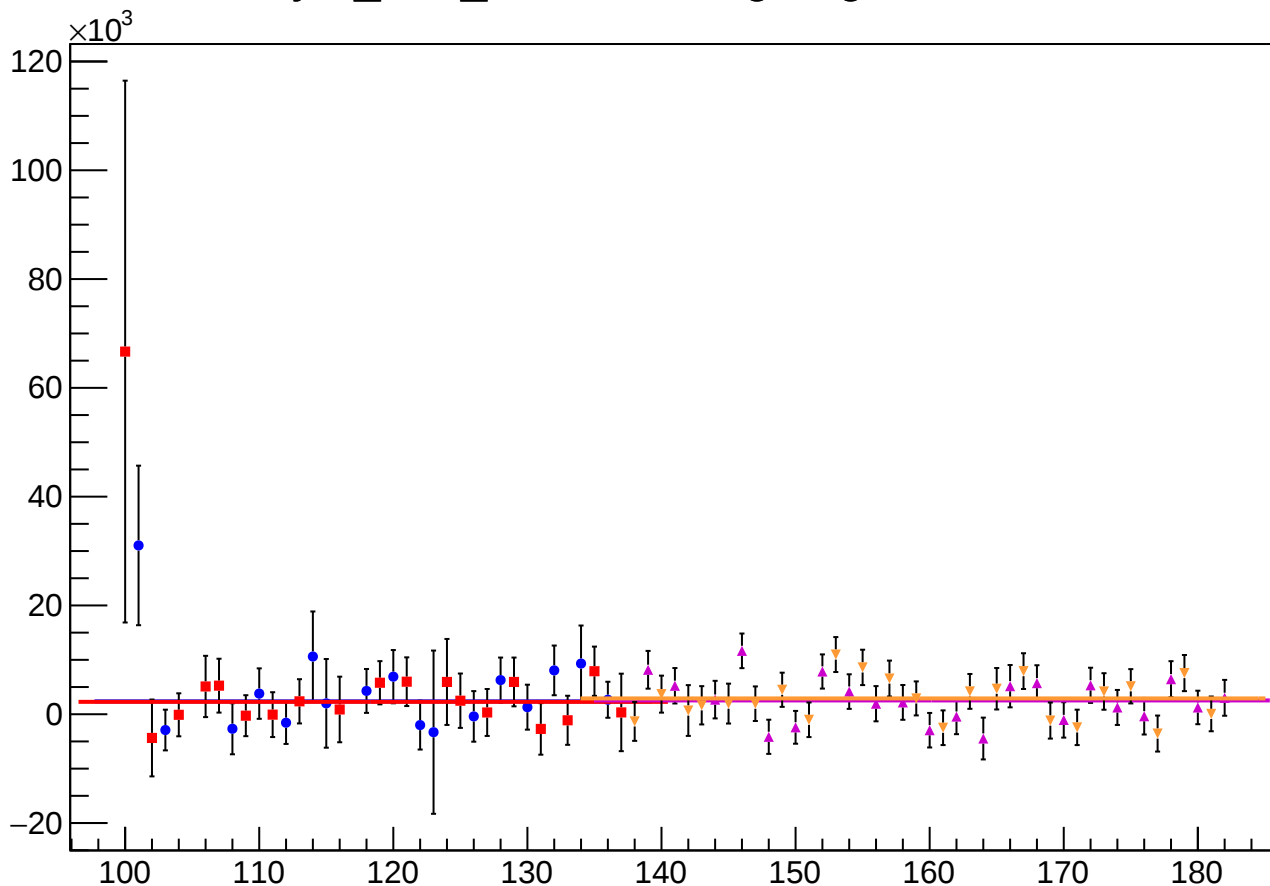
Right: 572.773+/-0.116 χ^2/NDF : 3084624.9/35

In: 702.737+/-0.105 χ^2/NDF : 3389315.6/38

Out: 699.980+/-0.105 χ^2/NDF : 4058268.0/41

All: 701.350+/-0.074 χ^2/NDF : 7447929.0/80

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 2906.646+/-696.311 χ^2/NDF : 31.3/22

Right Out: 2277.507+/-1111.658 χ^2/NDF : 10.2/18

Left In: 2536.738+/-698.509 χ^2/NDF : 34.9/21

Left: 2722.275+/-493.141 χ^2/NDF : 66.4/44

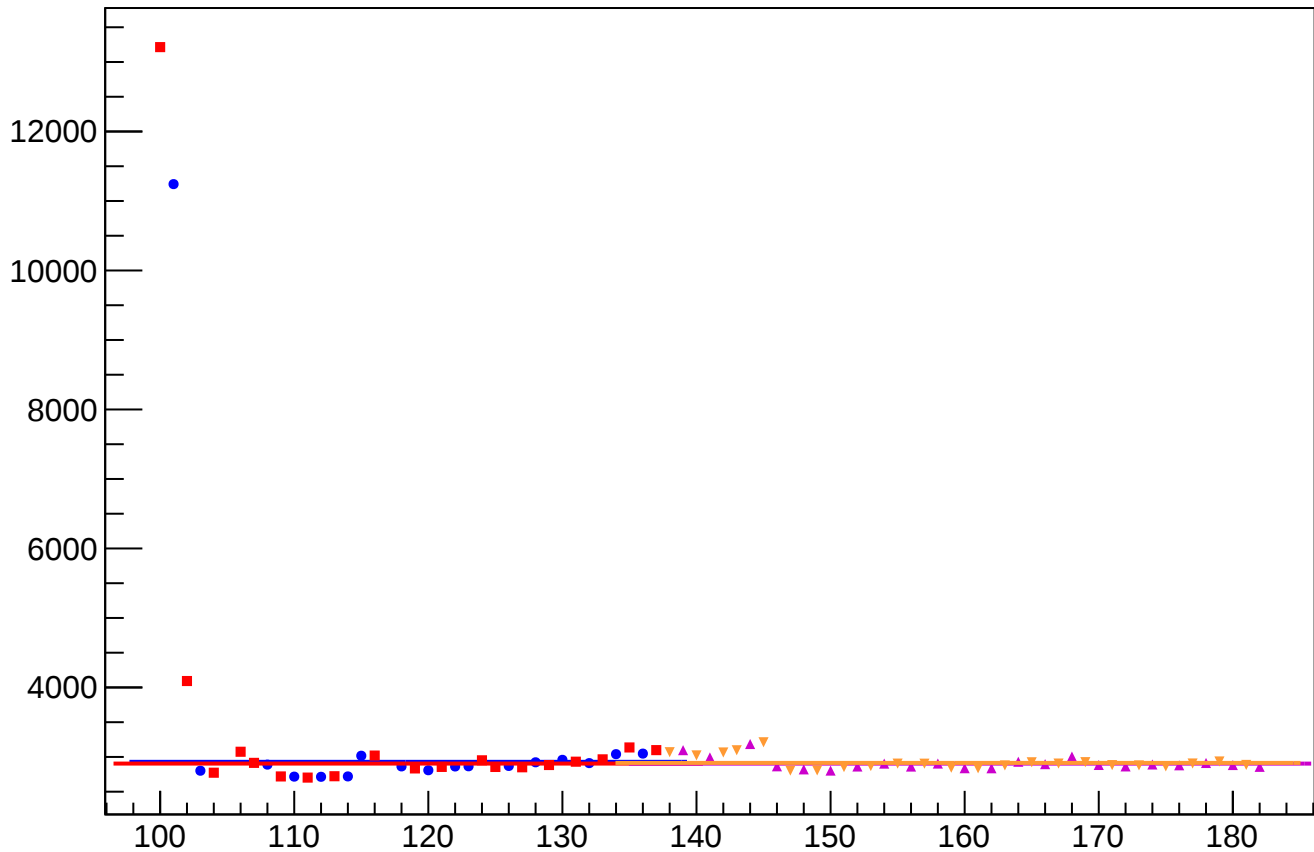
Right: 2318.341+/-802.588 χ^2/NDF : 25.3/35

In: 2490.447+/-598.387 χ^2/NDF : 50.0/38

Out: 2729.364+/-590.106 χ^2/NDF : 41.8/41

All: 2611.570+/-420.165 χ^2/NDF : 91.8/80

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2914.337+/-0.492 χ^2/NDF : 35847.6/22

Right Out: 2904.570+/-0.786 χ^2/NDF : 169288.7/18

Left In: 2904.111+/-0.494 χ^2/NDF : 30383.0/21

Left: 2909.240+/-0.349 χ^2/NDF : 66445.5/44

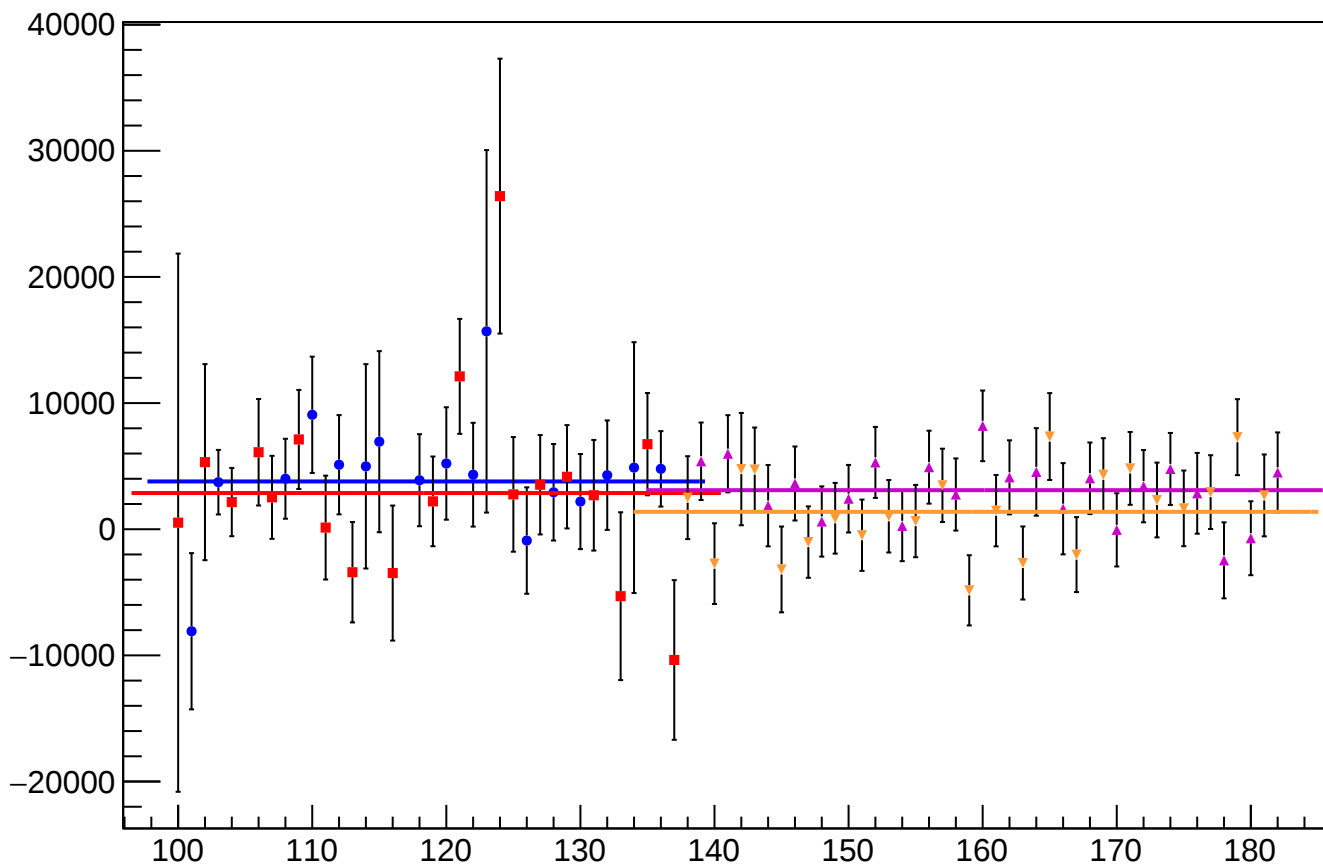
Right: 2916.579+/-0.568 χ^2/NDF : 832405.2/35

In: 2910.909+/-0.423 χ^2/NDF : 693723.7/38

Out: 2911.585+/-0.417 χ^2/NDF : 205247.1/41

All: 2911.252+/-0.297 χ^2/NDF : 898972.2/80

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 1380.962 $\pm$ 630.821 χ^2/NDF : 25.1/22

Right Out: 2869.484 $\pm$ 1002.967 χ^2/NDF : 22.0/18

Left In: 3094.559 $\pm$ 632.005 χ^2/NDF : 15.3/21

Left: 2236.154 $\pm$ 446.476 χ^2/NDF : 44.0/44

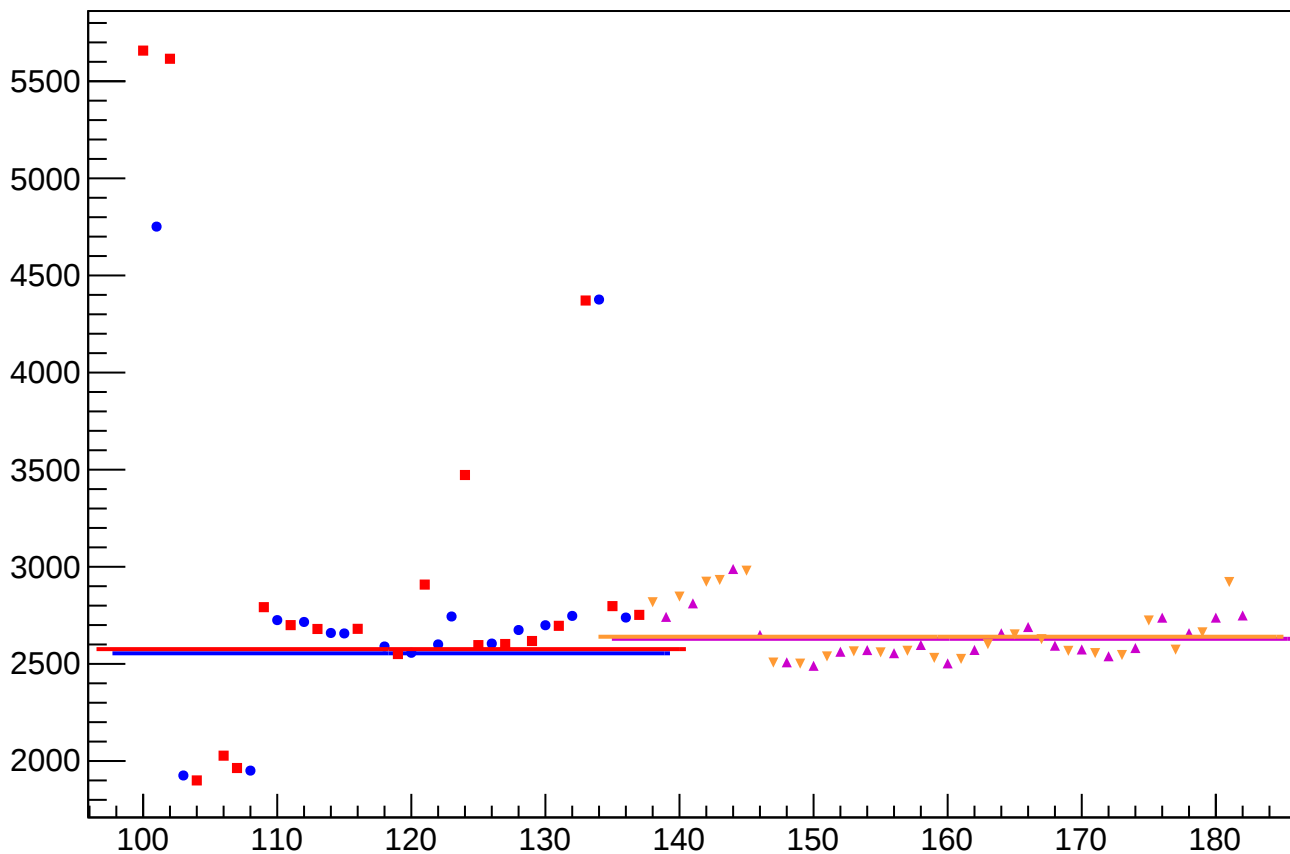
Right: 3326.309 $\pm$ 711.019 χ^2/NDF : 30.2/35

In: 3290.159 $\pm$ 535.478 χ^2/NDF : 23.3/38

Out: 1802.891 $\pm$ 533.984 χ^2/NDF : 48.7/41

All: 2544.447 $\pm$ 378.111 χ^2/NDF : 75.9/80

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2639.914 $\pm$ 0.446 χ^2 /NDF:103207.4/22

Right Out: 2576.077 $\pm$ 0.709 χ^2 /NDF: 765156.6/18

Left In: 2629.179 $\pm$ 0.447 χ^2 /NDF:64675.0/21

Left: 2634.556 $\pm$ 0.316 χ^2 /NDF: 168171.4/44

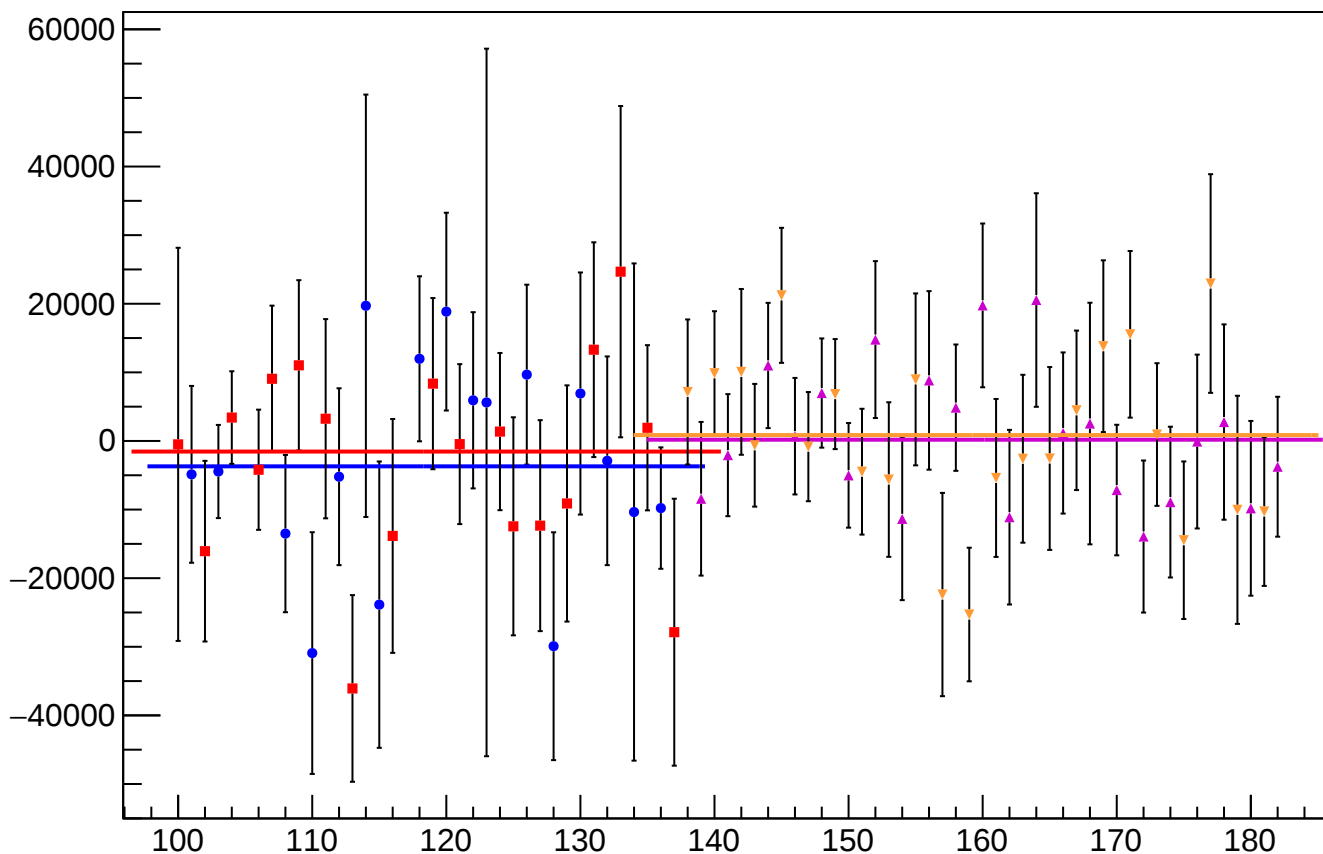
Right: 2565.366 $\pm$ 0.503 χ^2 /NDF: 1302241.7/35

In: 2608.119 $\pm$ 0.379 χ^2 /NDF:609171.6/38

Out: 2621.808 $\pm$ 0.378 χ^2 /NDF:874172.9/41

All: 2614.984 $\pm$ 0.267 χ^2 /NDF: 1483999.9/80

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 858.058+/-2254.522 χ^2/NDF : 25.9/22

Right Out: -1544.858+/-2896.847 χ^2/NDF : 16.8/18

Left In: 183.358+/-2269.524 χ^2/NDF : 15.4/21

Left: 522.945+/-1599.465 χ^2/NDF : 41.4/44

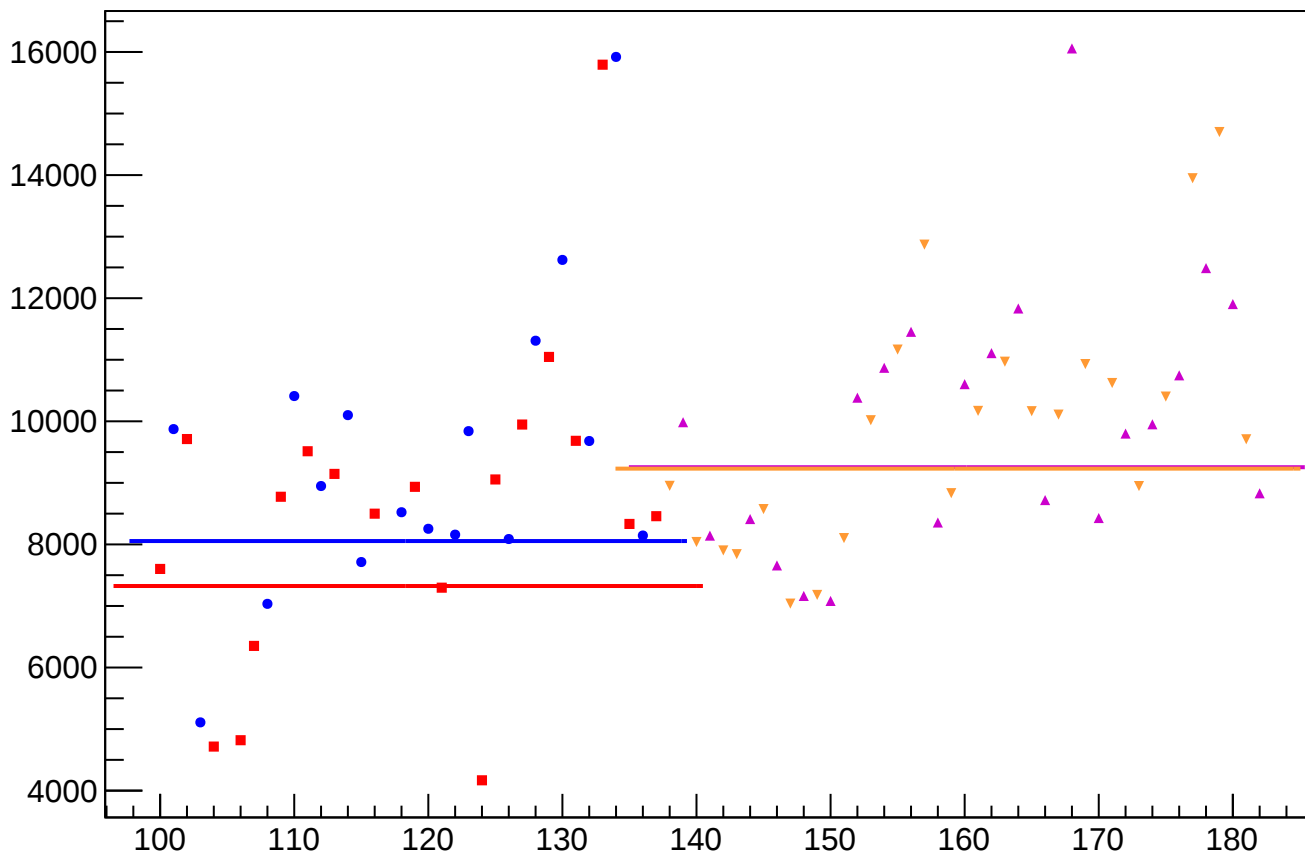
Right: -2509.390+/-2152.947 χ^2/NDF : 30.8/35

In: -1106.508+/-1854.642 χ^2/NDF : 30.2/38

Out: -48.367+/-1779.190 χ^2/NDF : 43.1/41

All: -555.476+/-1283.923 χ^2/NDF : 73.5/80

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2 /NDF: 820763.4/16

Left Out: 9231.167 $\pm$ 1.594 χ^2 /NDF:1167613.0/22

Right Out: 7324.291 $\pm$ 2.048 χ^2 /NDF: 1336145.7/18

Left In: 9254.303 $\pm$ 1.605 χ^2 /NDF:1235318.7/21

Left: 9242.658 $\pm$ 1.131 χ^2 /NDF: 2403036.4/44

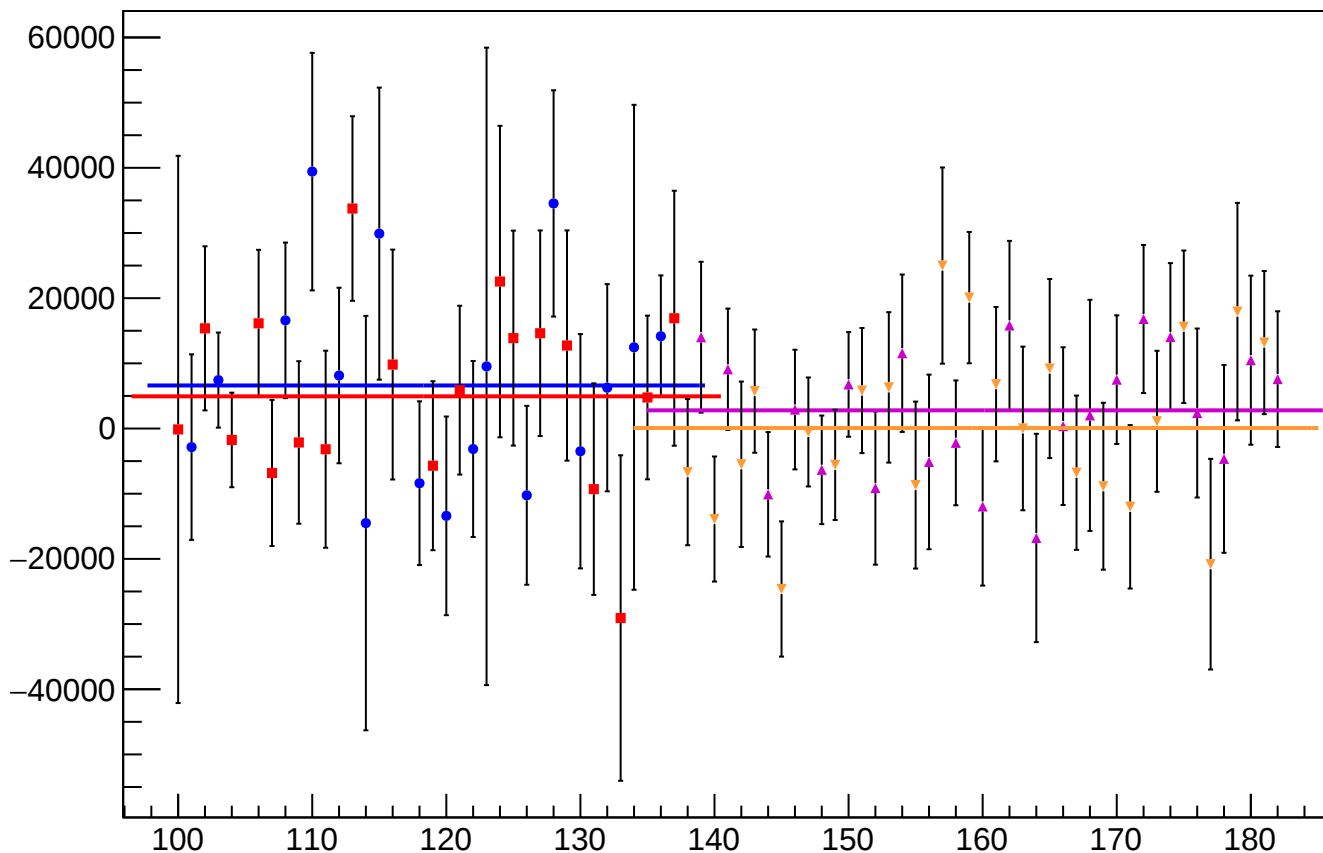
Right: 7651.290 $\pm$ 1.522 χ^2 /NDF: 2213838.0/35

In: 8855.827 $\pm$ 1.311 χ^2 /NDF:2241680.2/38

Out: 8511.858 $\pm$ 1.258 χ^2 /NDF:3043467.0/41

All: 8676.703 $\pm$ 0.908 χ^2 /NDF: 5320971.8/80

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: 76.921+/-2341.063 χ^2/NDF : 25.5/22

Right Out: 4938.727+/-3167.808 χ^2/NDF : 13.6/18

Left In: 2790.200+/-2352.382 χ^2/NDF : 14.4/21

Left: 1427.017+/-1659.369 χ^2/NDF : 40.6/44

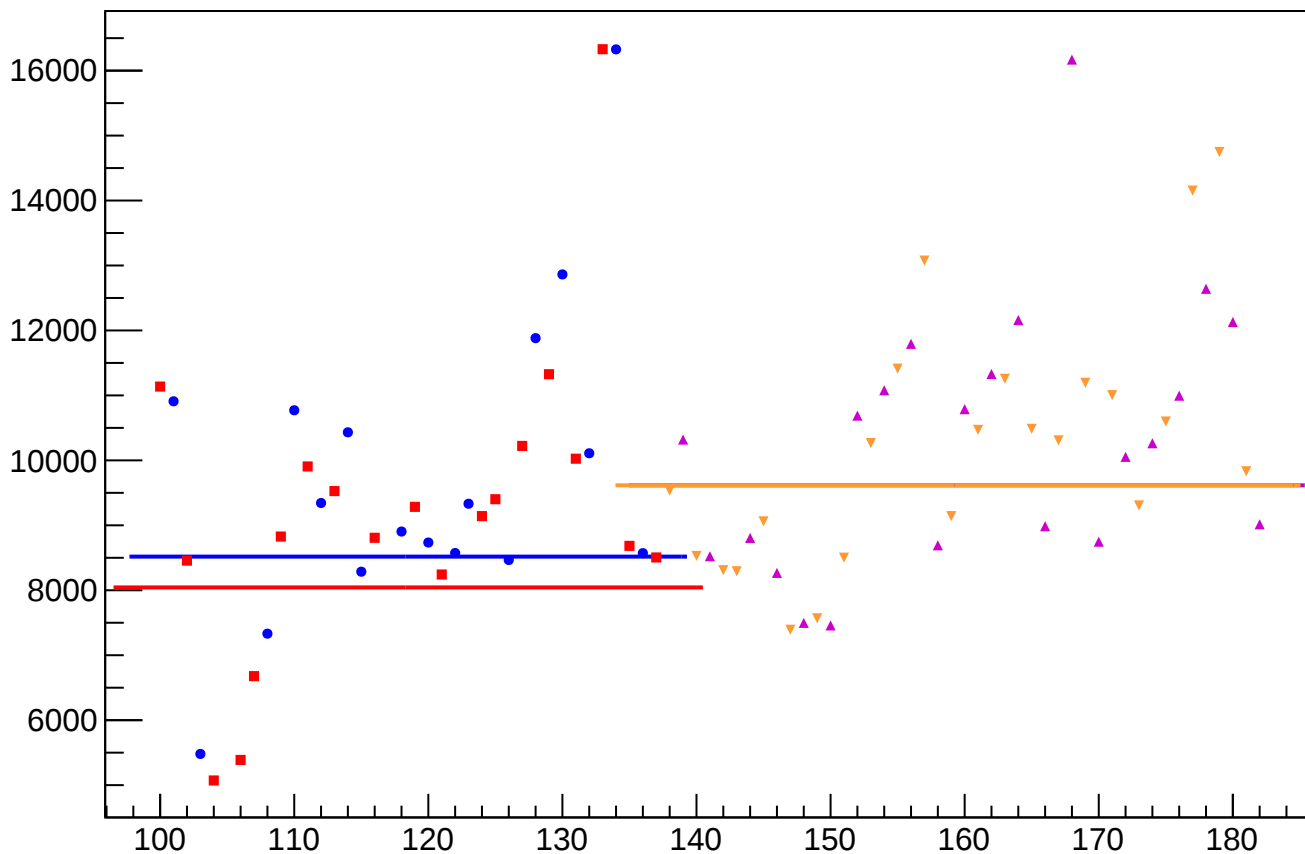
Right: 5715.122+/-2316.410 χ^2/NDF : 28.4/35

In: 4027.945+/-1933.738 χ^2/NDF : 30.0/38

Out: 1794.259+/-1882.729 χ^2/NDF : 40.6/41

All: 2881.253+/-1348.963 χ^2/NDF : 71.2/80

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 9616.015+/-1.655 χ^2/NDF : 1011193.8/22

Right Out: 8043.754+/-2.240 χ^2/NDF : 953572.9/18

Left In: 9615.900+/-1.663 χ^2/NDF : 1084100.6/21

Left: 9615.958+/-1.173 χ^2/NDF : 2095294.4/44

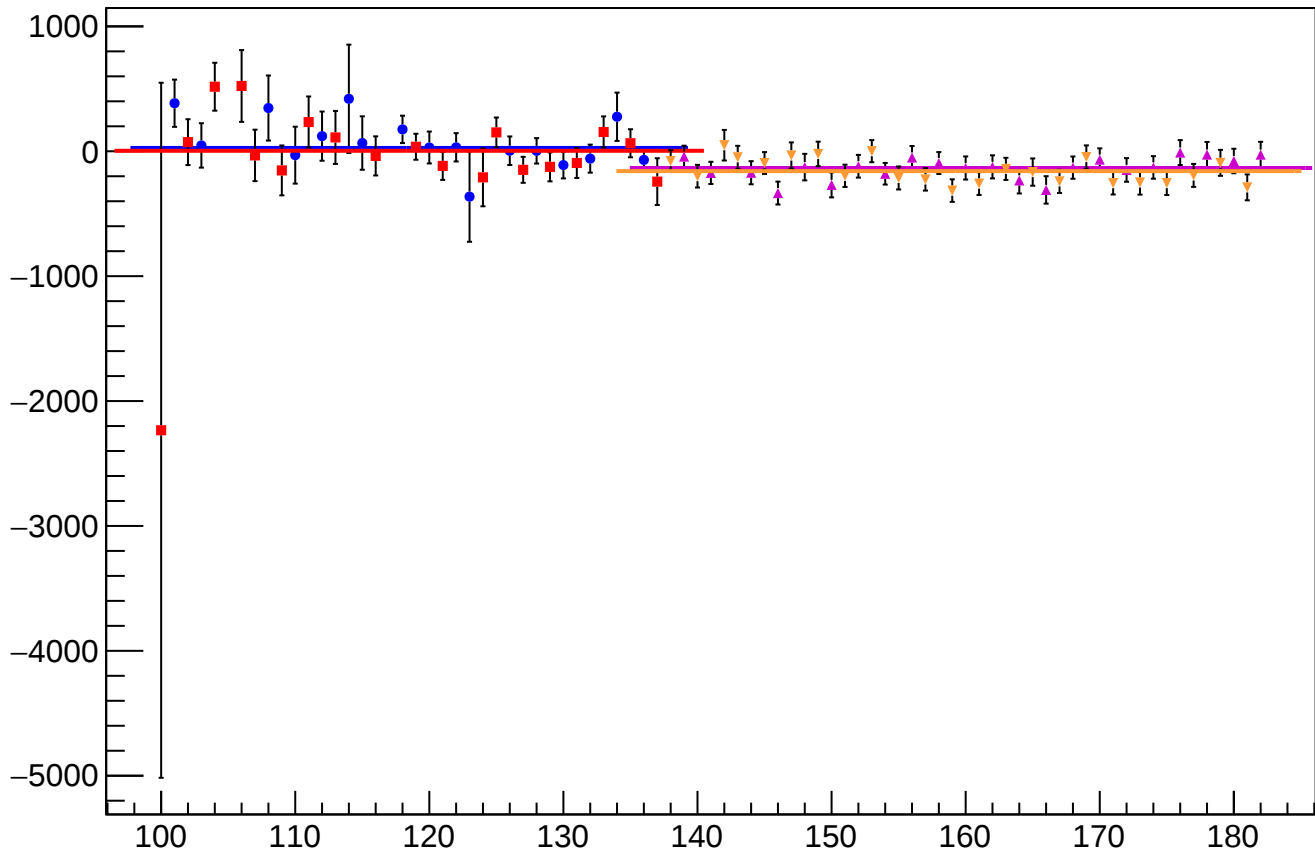
Right: 8264.537+/-1.638 χ^2/NDF : 1746449.5/35

In: 9259.983+/-1.367 χ^2/NDF : 1997290.1/38

Out: 9060.619+/-1.331 χ^2/NDF : 2283429.7/41

All: 9157.636+/-0.954 χ^2/NDF : 4291633.2/80

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 χ^2/NDF : 14.5/16

Left Out: -158.871 ± 19.670 χ^2/NDF : 25.2/22

Right Out: 4.007 ± 33.839 χ^2/NDF : 24.6/18

Left In: -133.867 ± 20.113 χ^2/NDF : 17.5/21

Left: -146.647 ± 14.063 χ^2/NDF : 43.6/44

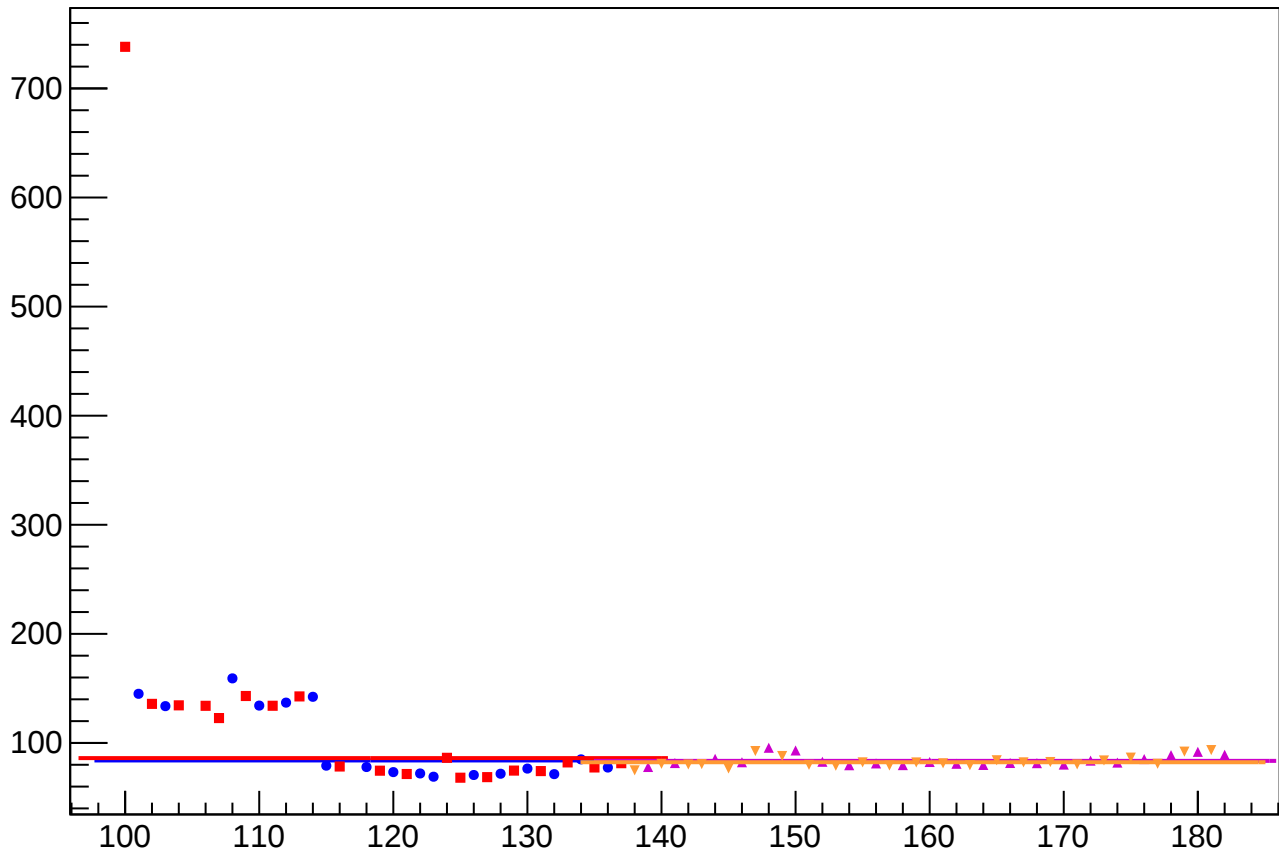
Right: 15.432 ± 23.852 χ^2/NDF : 39.3/35

In: -91.554 ± 17.261 χ^2/NDF : 48.9/38

Out: -117.736 ± 17.006 χ^2/NDF : 67.1/41

All: -104.840 ± 12.114 χ^2/NDF : 117.2/80

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 82.330 $\pm$ 0.014 χ^2 /NDF:106203.5/22

Right Out: 86.109 $\pm$ 0.024 χ^2 /NDF: 1136227.7/18

Left In: 83.578 $\pm$ 0.014 χ^2 /NDF:99477.6/21

Left: 82.940 $\pm$ 0.010 χ^2 /NDF: 209616.7/44

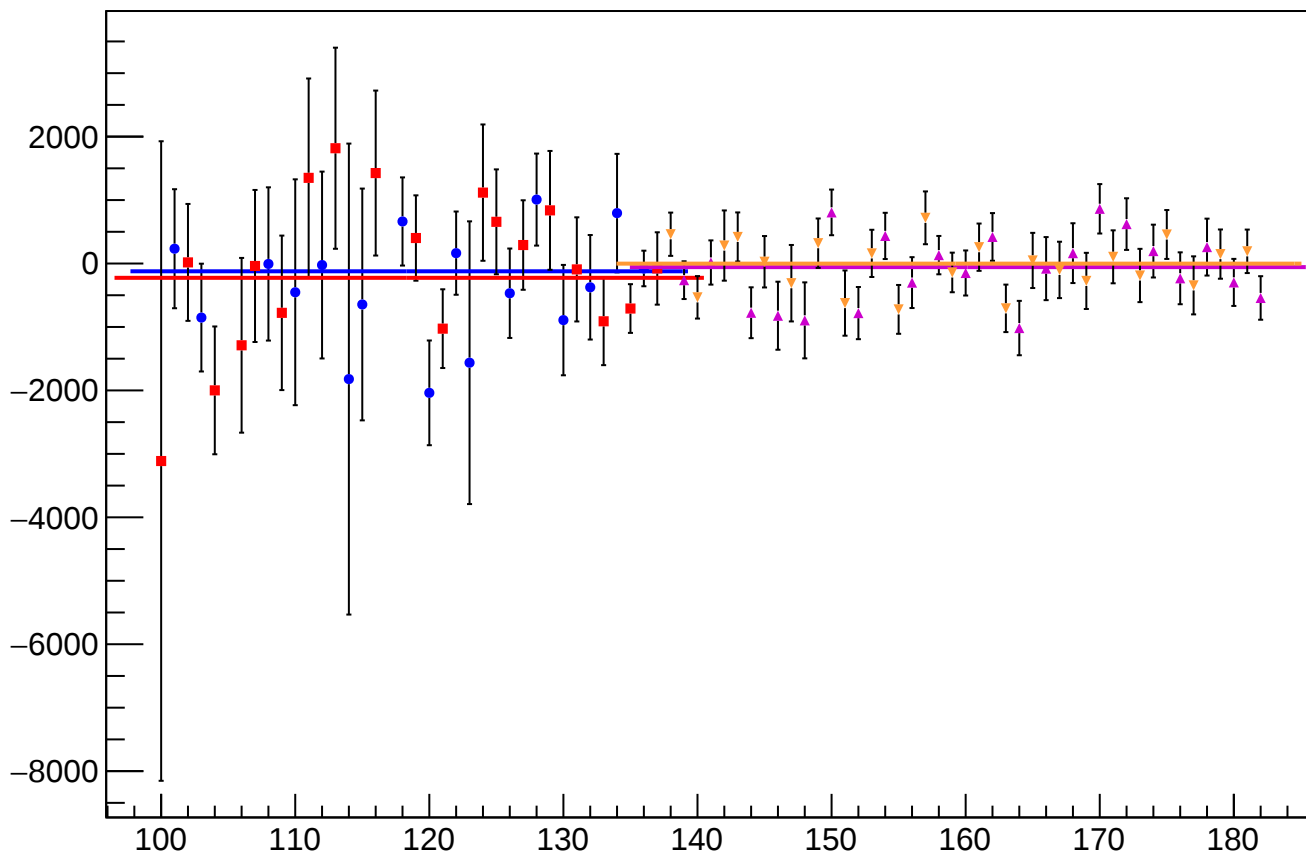
Right: 85.028 $\pm$ 0.017 χ^2 /NDF: 2100535.6/35

In: 83.679 $\pm$ 0.012 χ^2 /NDF:1059921.7/38

Out: 83.284 $\pm$ 0.012 χ^2 /NDF:1261067.1/41

All: 83.479 $\pm$ 0.009 χ^2 /NDF: 2321519.0/80

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 $\pm$ 179.587 χ^2 /NDF: 13.0/16

Left Out: -1.849 $\pm$ 83.154 χ^2 /NDF:22.3/22

Right Out: -225.420 $\pm$ 184.973 χ^2 /NDF: 18.3/18

Left In: -56.825 $\pm$ 83.183 χ^2 /NDF:37.9/21

Left: -29.328 $\pm$ 58.809 χ^2 /NDF: 60.5/44

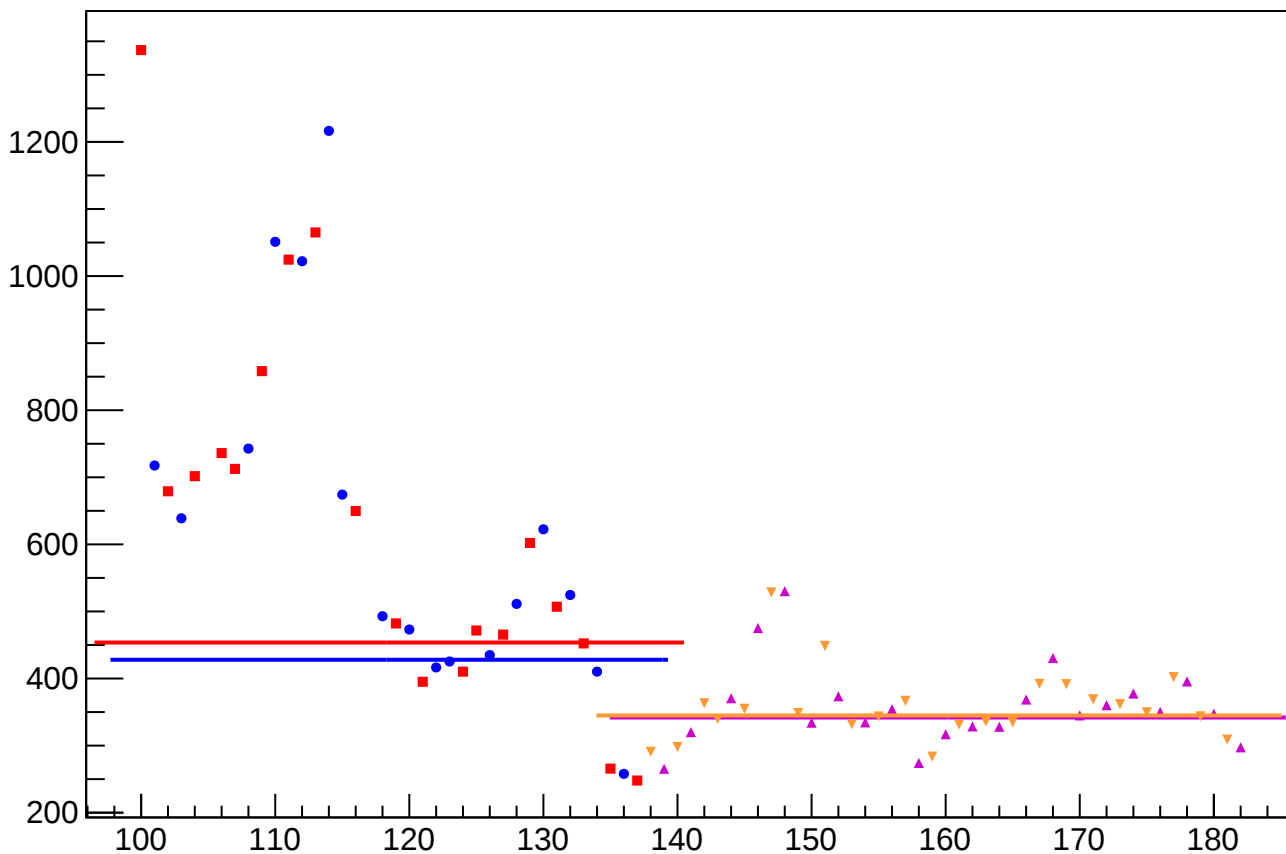
Right: -172.394 $\pm$ 128.849 χ^2 /NDF: 31.5/35

In: -68.411 $\pm$ 75.479 χ^2 /NDF:51.1/38

Out: -39.436 $\pm$ 75.843 χ^2 /NDF:41.9/41

All: -53.993 $\pm$ 53.500 χ^2 /NDF: 93.0/80

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 344.937+/-0.059 χ^2/NDF : 559064.5/22

Right Out: 453.699+/-0.131 χ^2/NDF : 2134547.2/18

Left In: 341.844+/-0.059 χ^2/NDF : 761526.8/21

Left: 343.391+/-0.042 χ^2/NDF : 1321974.1/44

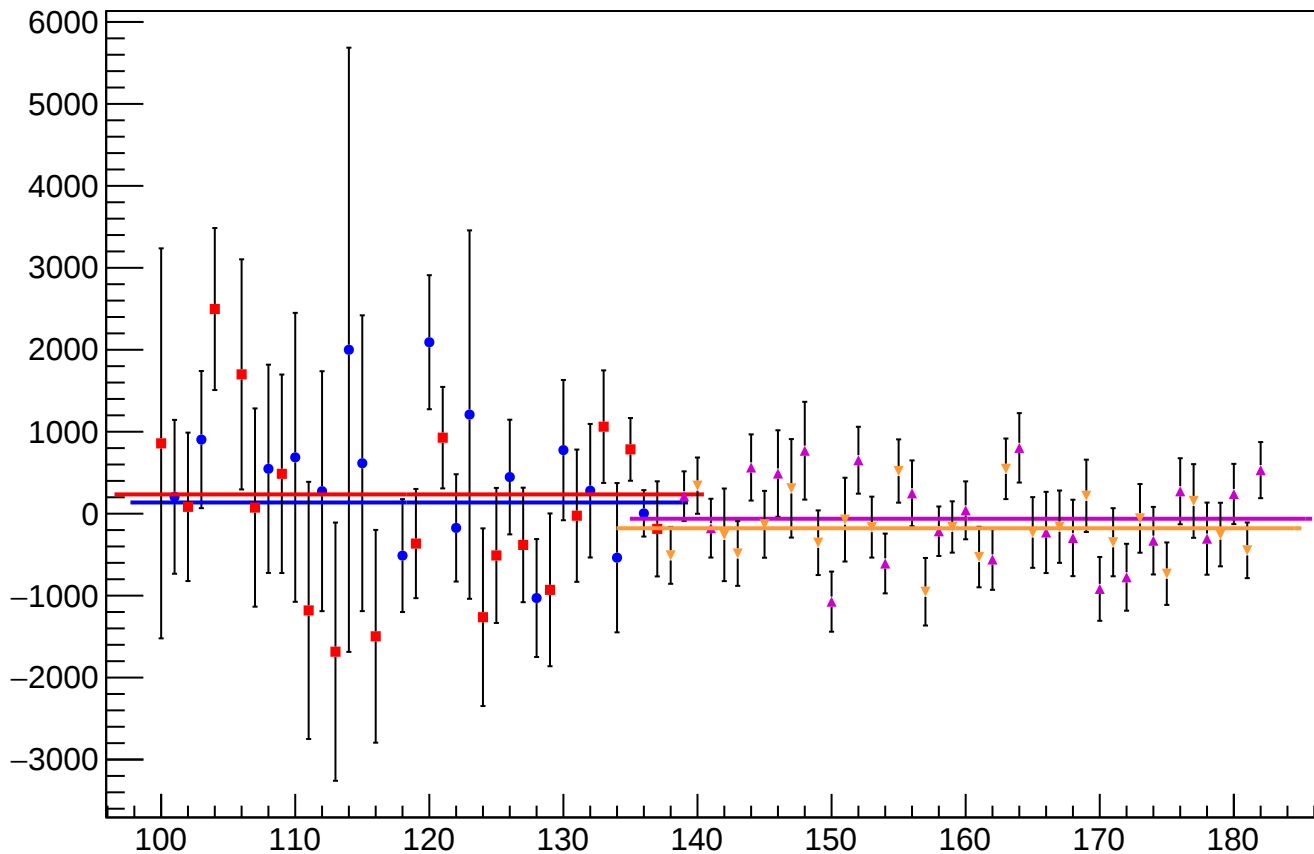
Right: 440.462+/-0.091 χ^2/NDF : 4216688.0/35

In: 357.061+/-0.053 χ^2/NDF : 3202640.0/38

Out: 363.222+/-0.054 χ^2/NDF : 3268819.6/41

All: 360.127+/-0.038 χ^2/NDF : 6478090.6/80

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 ± 179.609 χ^2/NDF : 12.6/16

Left Out: -177.814 ± 83.234 χ^2/NDF : 20.7/22

Right Out: 235.334 ± 184.025 χ^2/NDF : 21.8/18

Left In: -61.703 ± 83.180 χ^2/NDF : 39.5/21

Left: -119.722 ± 58.836 χ^2/NDF : 61.2/44

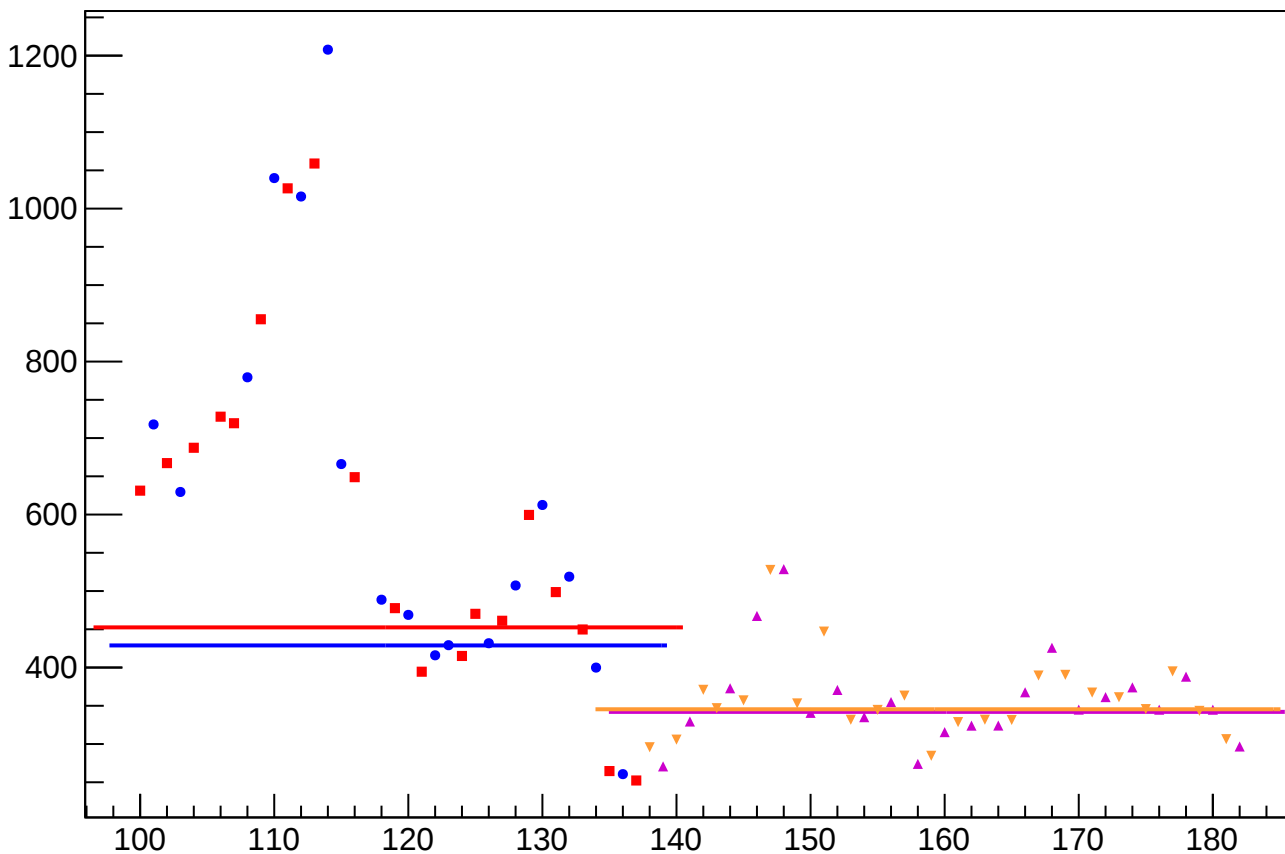
Right: 184.875 ± 128.536 χ^2/NDF : 34.6/35

In: -26.645 ± 75.479 χ^2/NDF : 53.1/38

Out: -107.650 ± 75.837 χ^2/NDF : 46.7/41

All: -66.956 ± 53.498 χ^2/NDF : 100.4/80

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889+/-0.127 χ^2/NDF : 2010592.5/16

Left Out: 345.434+/-0.059 χ^2/NDF : 527644.3/22

Right Out: 452.487+/-0.130 χ^2/NDF : 2042099.3/18

Left In: 342.028+/-0.059 χ^2/NDF : 710209.1/21

Left: 343.730+/-0.042 χ^2/NDF : 1239529.4/44

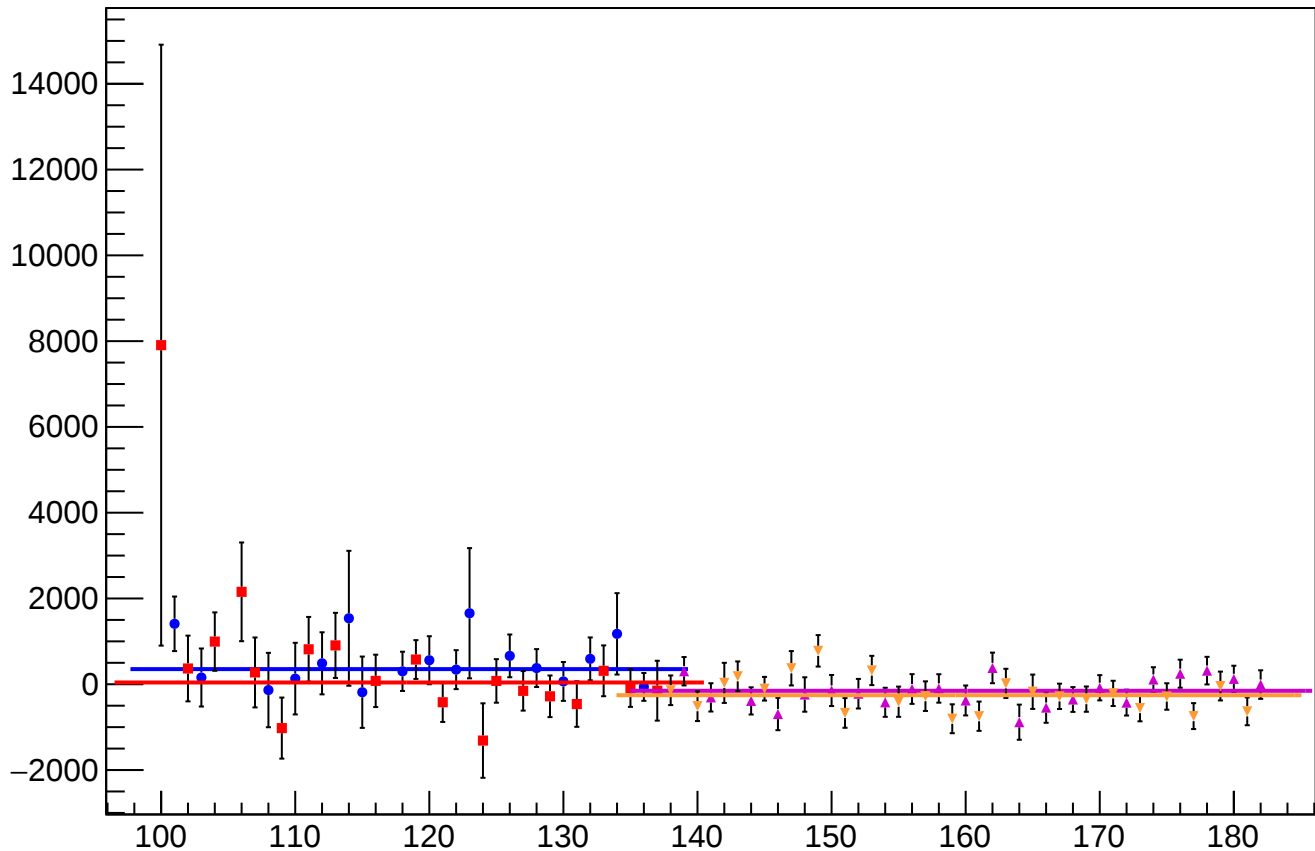
Right: 440.401+/-0.091 χ^2/NDF : 4069533.6/35

In: 357.368+/-0.053 χ^2/NDF : 3105960.8/38

Out: 363.615+/-0.054 χ^2/NDF : 3131613.3/41

All: 360.476+/-0.038 χ^2/NDF : 6244391.6/80

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -255.293 ± 69.552 χ^2/NDF : 28.7/22

Right Out: 41.079 ± 138.996 χ^2/NDF : 18.2/18

Left In: -152.443 ± 70.884 χ^2/NDF : 19.4/21

Left: -204.844 ± 49.645 χ^2/NDF : 49.1/44

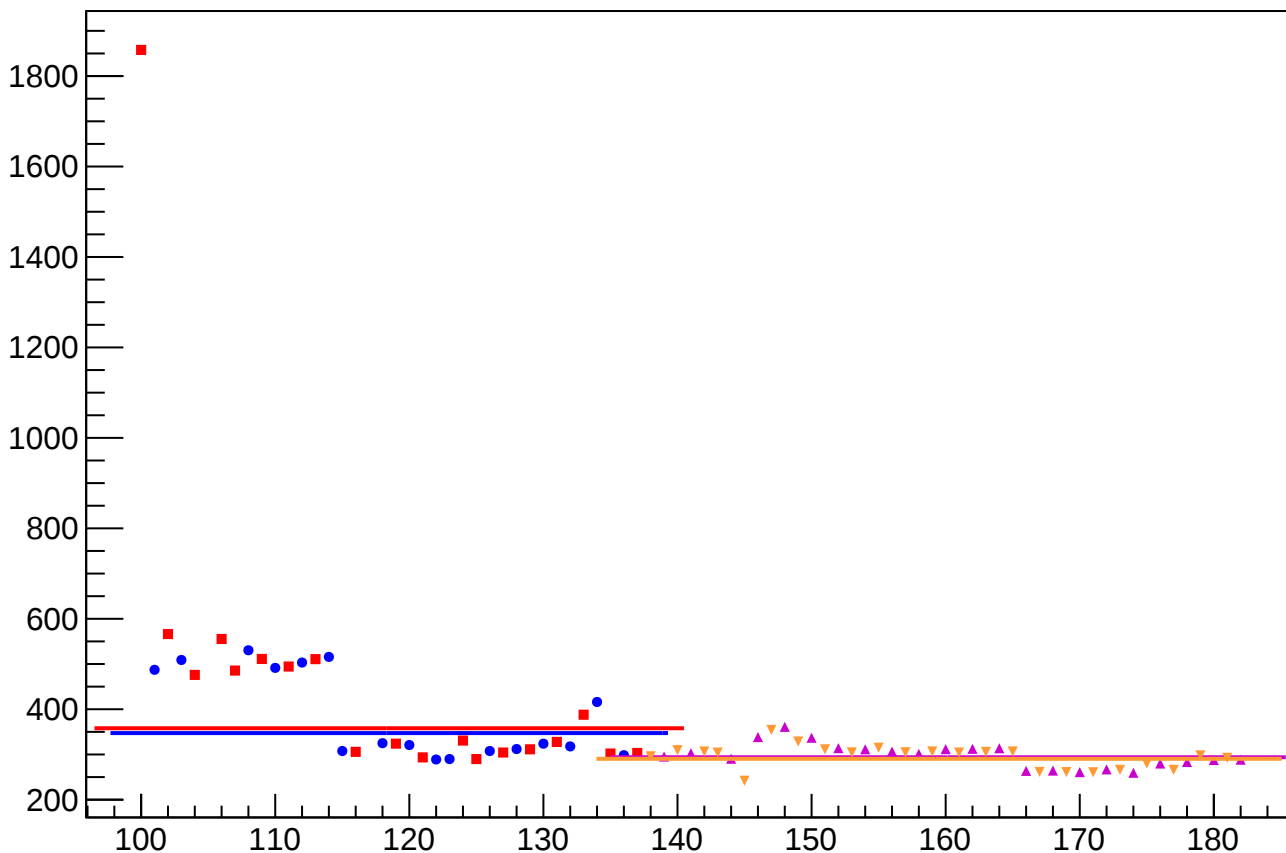
Right: 198.919 ± 97.679 χ^2/NDF : 29.3/35

In: -46.088 ± 62.985 χ^2/NDF : 38.6/38

Out: -195.946 ± 62.199 χ^2/NDF : 50.5/41

All: -121.958 ± 44.257 χ^2/NDF : 92.0/80

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2 /NDF: 618906.8/16

Left Out: 290.411 $\pm$ 0.049 χ^2 /NDF: 273477.1/22

Right Out: 357.955 $\pm$ 0.098 χ^2 /NDF: 851646.4/18

Left In: 293.866 $\pm$ 0.050 χ^2 /NDF: 257202.6/21

Left: 292.106 $\pm$ 0.035 χ^2 /NDF: 533100.1/44

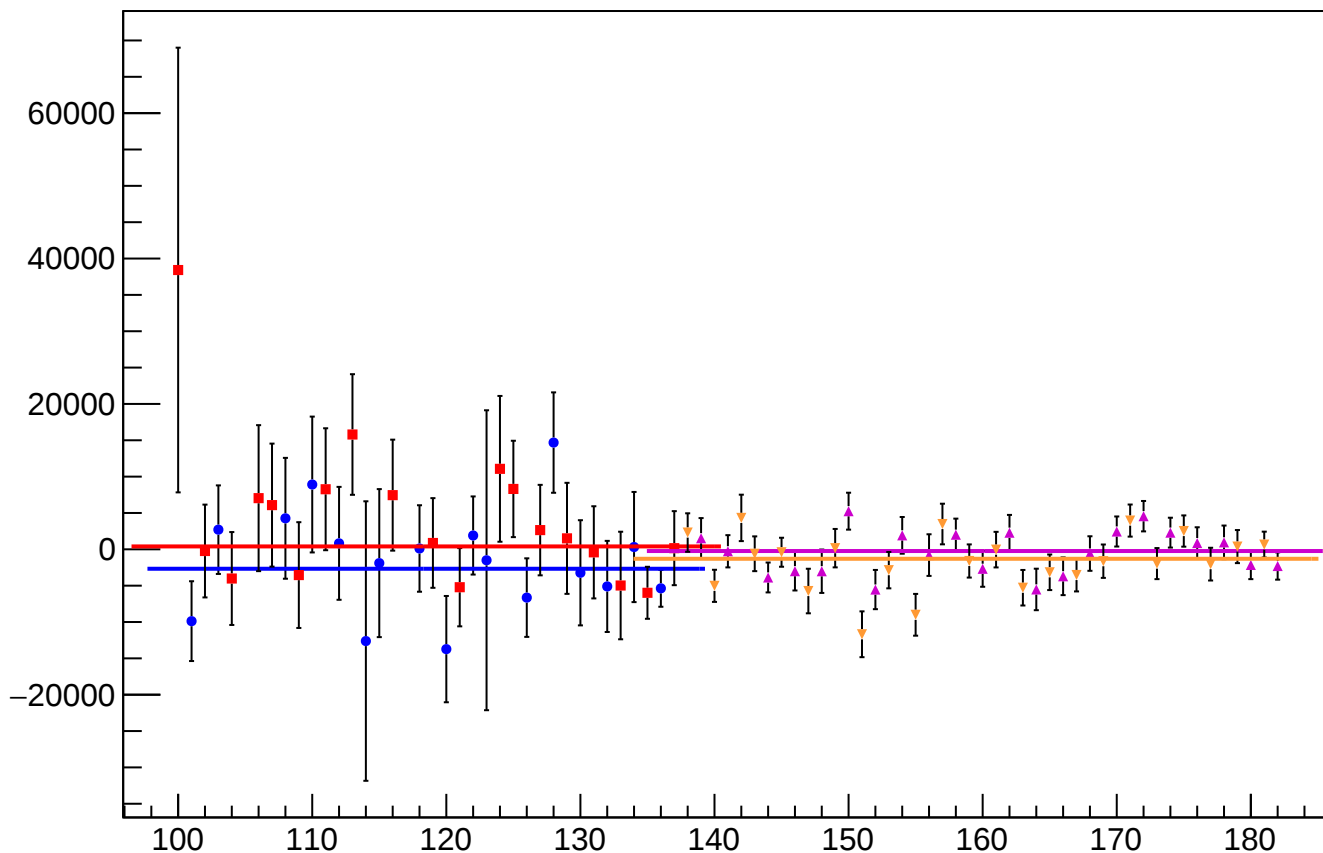
Right: 352.552 $\pm$ 0.069 χ^2 /NDF: 1476524.8/35

In: 305.107 $\pm$ 0.045 χ^2 /NDF: 1115103.0/38

Out: 303.937 $\pm$ 0.044 χ^2 /NDF: 1502831.0/41

All: 304.515 $\pm$ 0.031 χ^2 /NDF: 2618283.5/80

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 ± 1456.188 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -1302.106 ± 496.501 $\chi^2/\text{NDF}: 47.1/22$

Right Out: 398.443 ± 1515.968 $\chi^2/\text{NDF}: 15.9/18$

Left In: -235.931 ± 498.520 $\chi^2/\text{NDF}: 34.2/21$

Left: -771.182 ± 351.791 $\chi^2/\text{NDF}: 83.7/44$

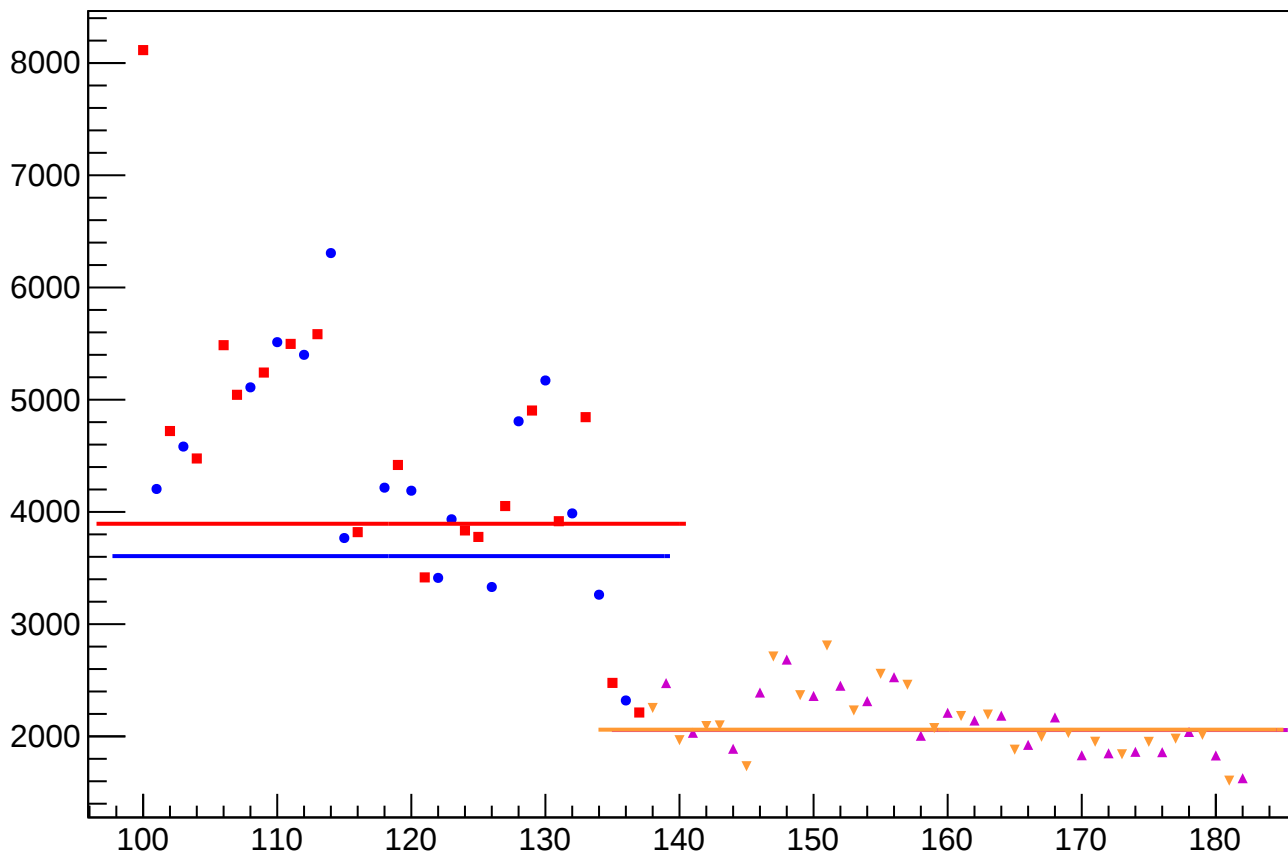
Right: -1199.564 ± 1050.178 $\chi^2/\text{NDF}: 34.8/35$

In: -491.701 ± 471.647 $\chi^2/\text{NDF}: 53.5/38$

Out: -1137.366 ± 471.839 $\chi^2/\text{NDF}: 64.2/41$

All: -814.402 ± 333.573 $\chi^2/\text{NDF}: 118.6/80$

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2059.716+/-0.351 χ^2/NDF : 597709.8/22

Right Out: 3894.596+/-1.072 χ^2/NDF : 1032752.3/18

Left In: 2056.499+/-0.353 χ^2/NDF : 559574.9/21

Left: 2058.114+/-0.249 χ^2/NDF : 1157326.6/44

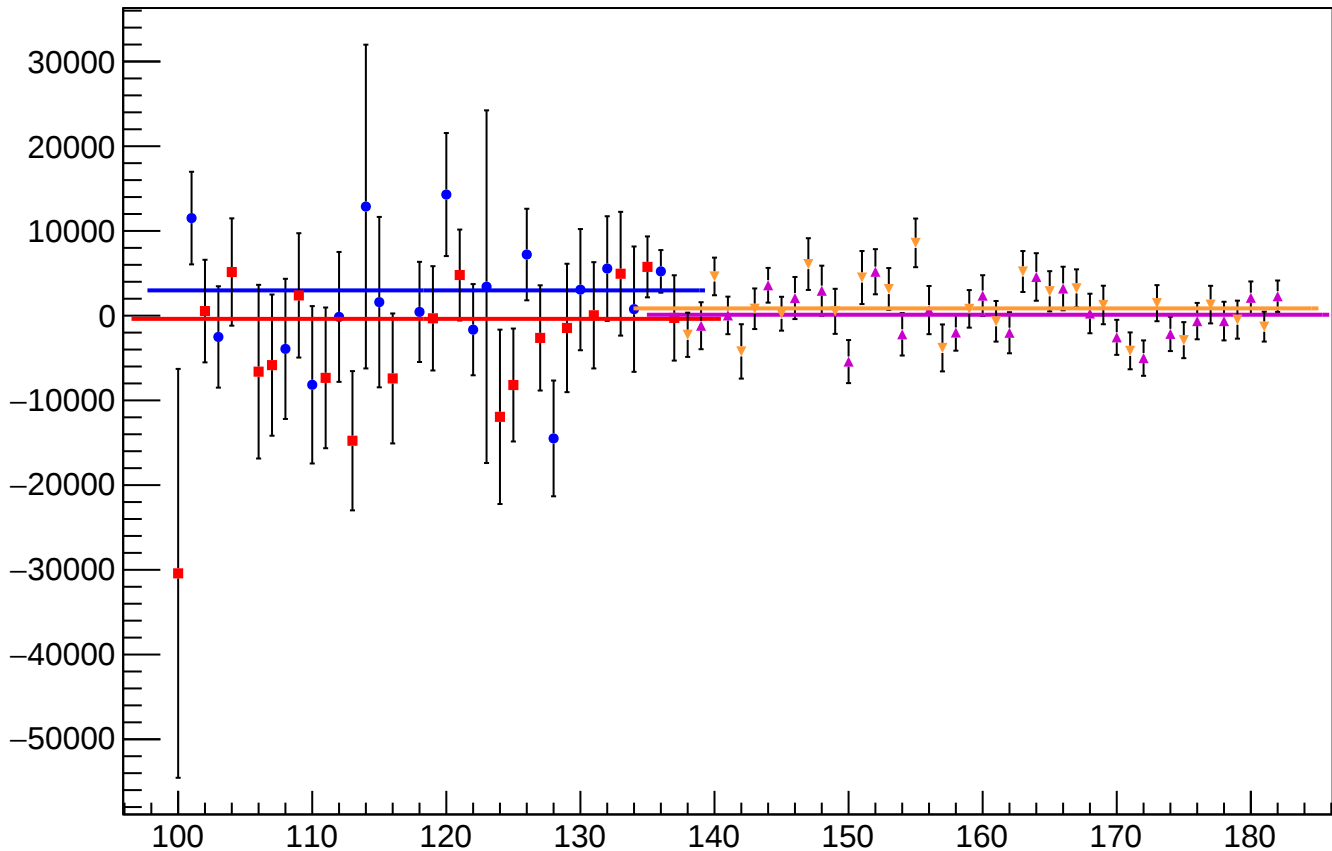
Right: 3744.683+/-0.743 χ^2/NDF : 2162873.5/35

In: 2219.088+/-0.334 χ^2/NDF : 3680004.4/38

Out: 2237.469+/-0.334 χ^2/NDF : 4276605.8/41

All: 2228.275+/-0.236 χ^2/NDF : 7958128.3/80

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 858.061+/-491.985 χ^2/NDF : 38.1/22

Right Out: -377.377+/-1507.395 χ^2/NDF : 15.0/18

Left In: 108.388+/-492.441 χ^2/NDF : 32.1/21

Left: 483.572+/-348.047 χ^2/NDF : 71.3/44

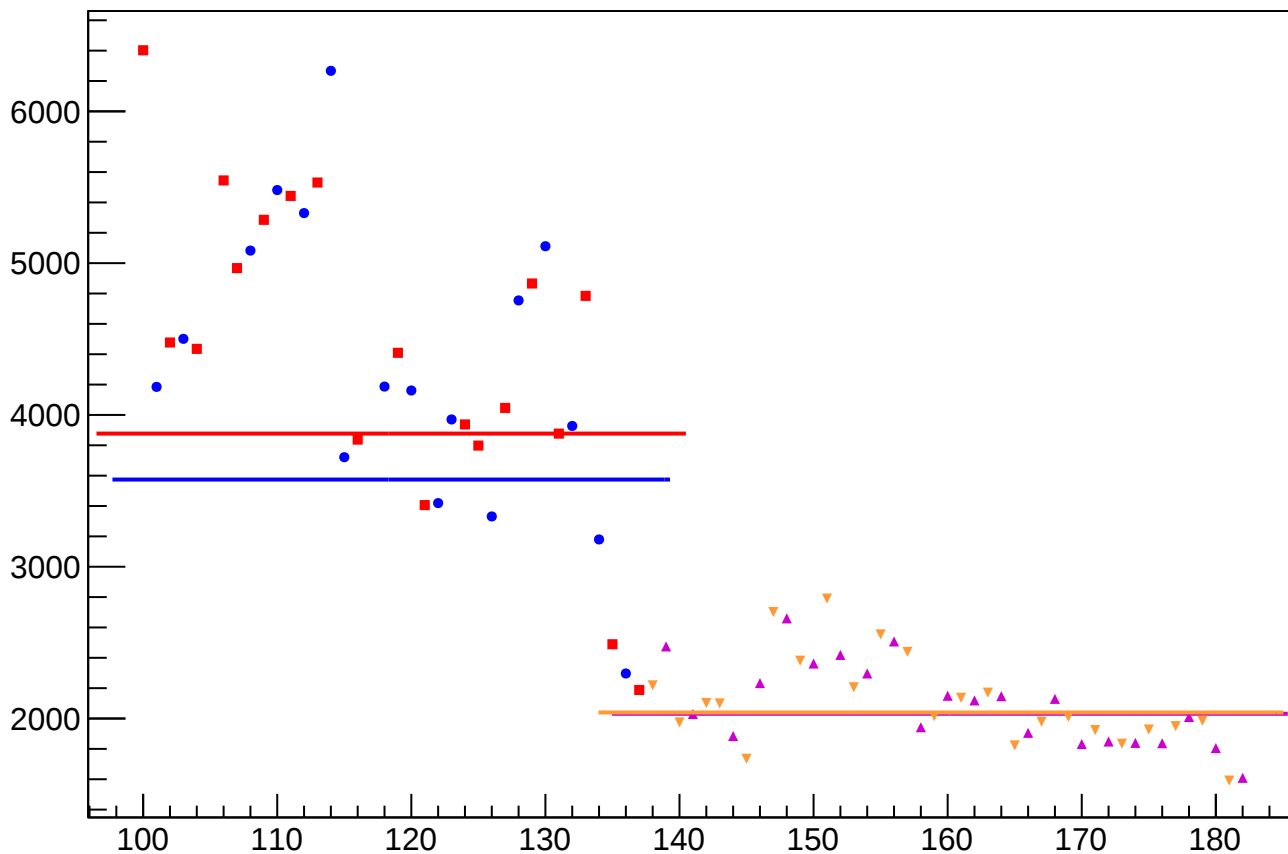
Right: 1375.706+/-1042.614 χ^2/NDF : 35.1/35

In: 408.073+/-466.072 χ^2/NDF : 53.1/38

Out: 739.126+/-467.704 χ^2/NDF : 53.7/41

All: 573.020+/-330.138 χ^2/NDF : 107.0/80

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2/NDF : 1091350.4/16

Left Out: 2039.904 $\pm$ 0.348 χ^2/NDF : 607819.7/22

Right Out: 3877.124 $\pm$ 1.066 χ^2/NDF : 990125.2/18

Left In: 2031.253 $\pm$ 0.348 χ^2/NDF : 541671.6/21

Left: 2035.582 $\pm$ 0.246 χ^2/NDF : 1149800.2/44

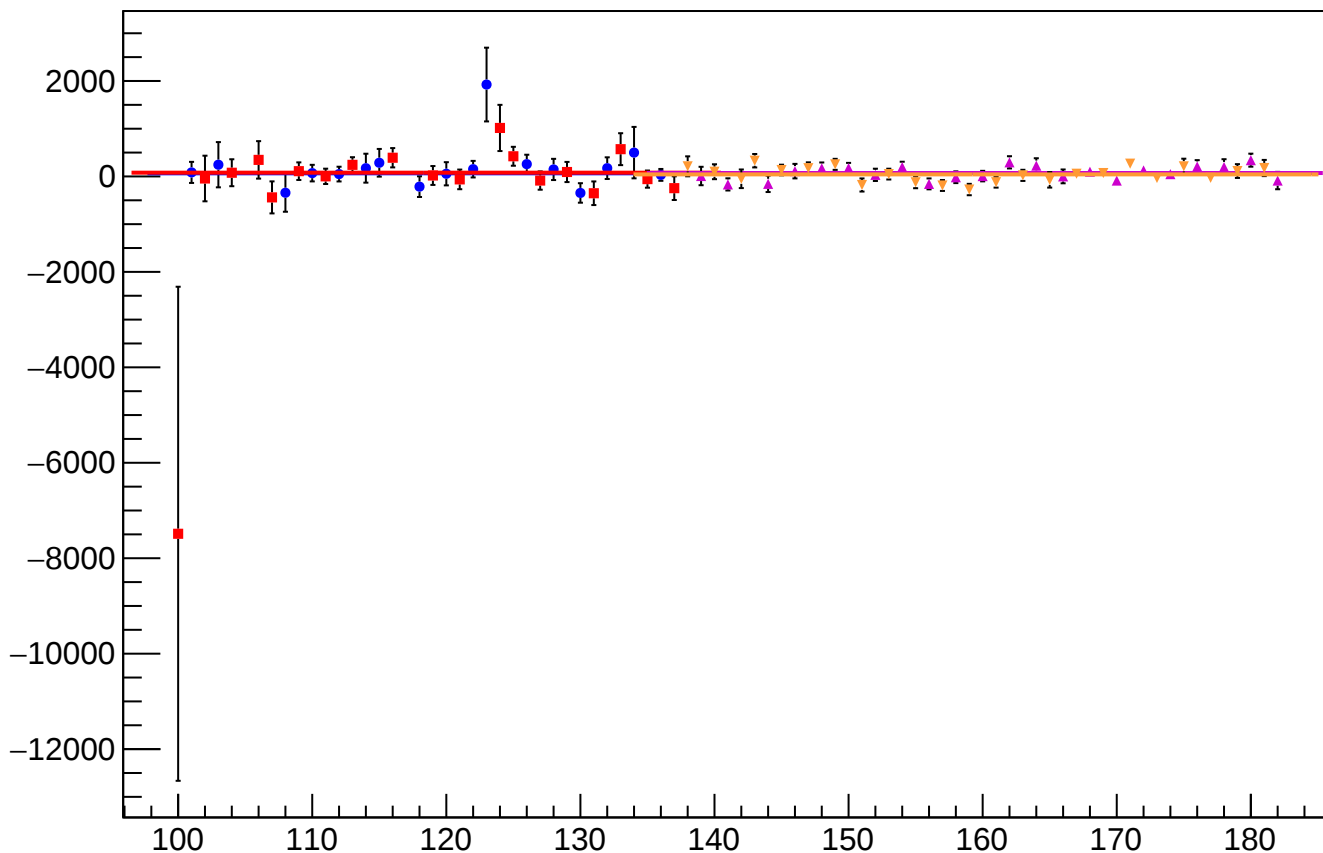
Right: 3719.204 $\pm$ 0.737 χ^2/NDF : 2123559.1/35

In: 2192.092 $\pm$ 0.330 χ^2/NDF : 3679976.5/38

Out: 2216.772 $\pm$ 0.331 χ^2/NDF : 4282900.2/41

All: 2204.389 $\pm$ 0.233 χ^2/NDF : 7965671.1/80

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225+/-52.700 χ^2/NDF : 15.7/16

Left Out: 42.873+/-24.613 χ^2/NDF : 38.4/22

Right Out: 78.699+/-52.341 χ^2/NDF : 24.3/18

Left In: 71.514+/-25.561 χ^2/NDF : 27.2/21

Left: 56.653+/-17.730 χ^2/NDF : 66.3/44

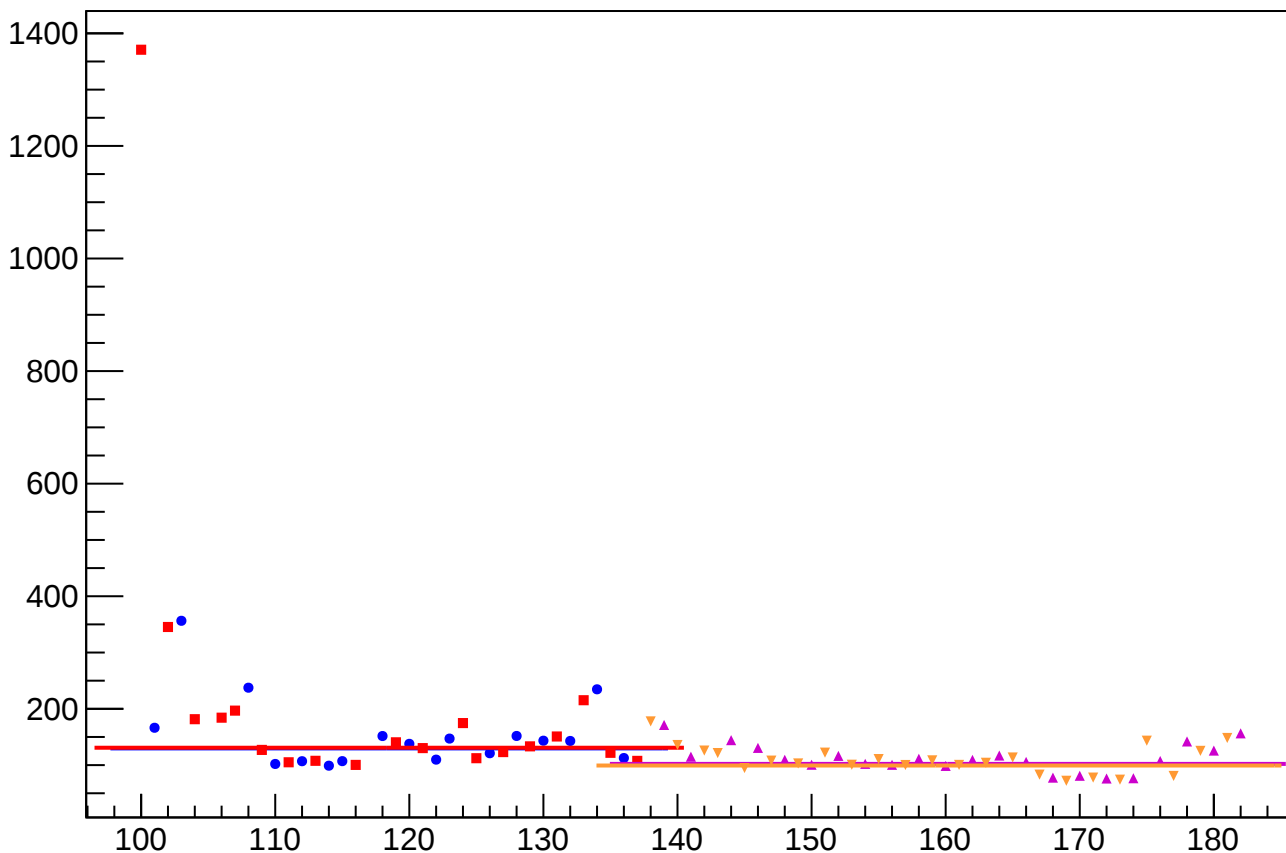
Right: 72.008+/-37.137 χ^2/NDF : 40.0/35

In: 70.316+/-22.998 χ^2/NDF : 43.0/38

Out: 49.361+/-22.273 χ^2/NDF : 63.0/41

All: 59.503+/-16.000 χ^2/NDF : 106.4/80

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2/NDF : 989682.4/16

Left Out: 99.291 $\pm$ 0.017 χ^2/NDF : 1619413.0/22

Right Out: 130.878 $\pm$ 0.037 χ^2/NDF : 1042325.1/18

Left In: 102.156 $\pm$ 0.018 χ^2/NDF : 1519402.7/21

Left: 100.669 $\pm$ 0.013 χ^2/NDF : 3151855.8/44

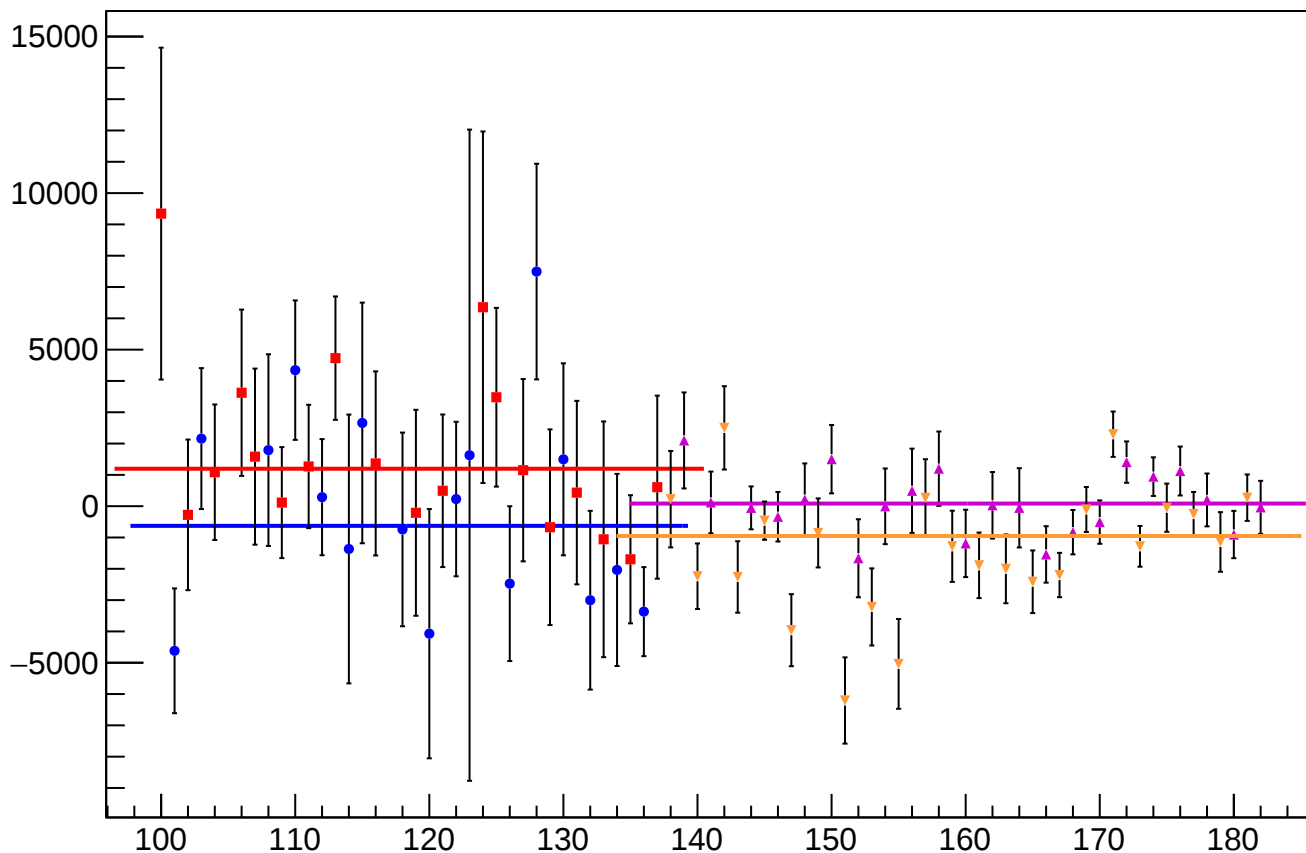
Right: 130.291 $\pm$ 0.026 χ^2/NDF : 2032513.5/35

In: 107.401 $\pm$ 0.016 χ^2/NDF : 2951266.8/38

Out: 105.011 $\pm$ 0.016 χ^2/NDF : 3258242.9/41

All: 106.168 $\pm$ 0.011 χ^2/NDF : 6220655.9/80

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -951.441 ± 190.380 χ^2/NDF : 78.6/22

Right Out: 1196.185 ± 595.685 χ^2/NDF : 11.8/18

Left In: 83.928 ± 188.484 χ^2/NDF : 23.2/21

Left: -428.573 ± 133.944 χ^2/NDF : 116.8/44

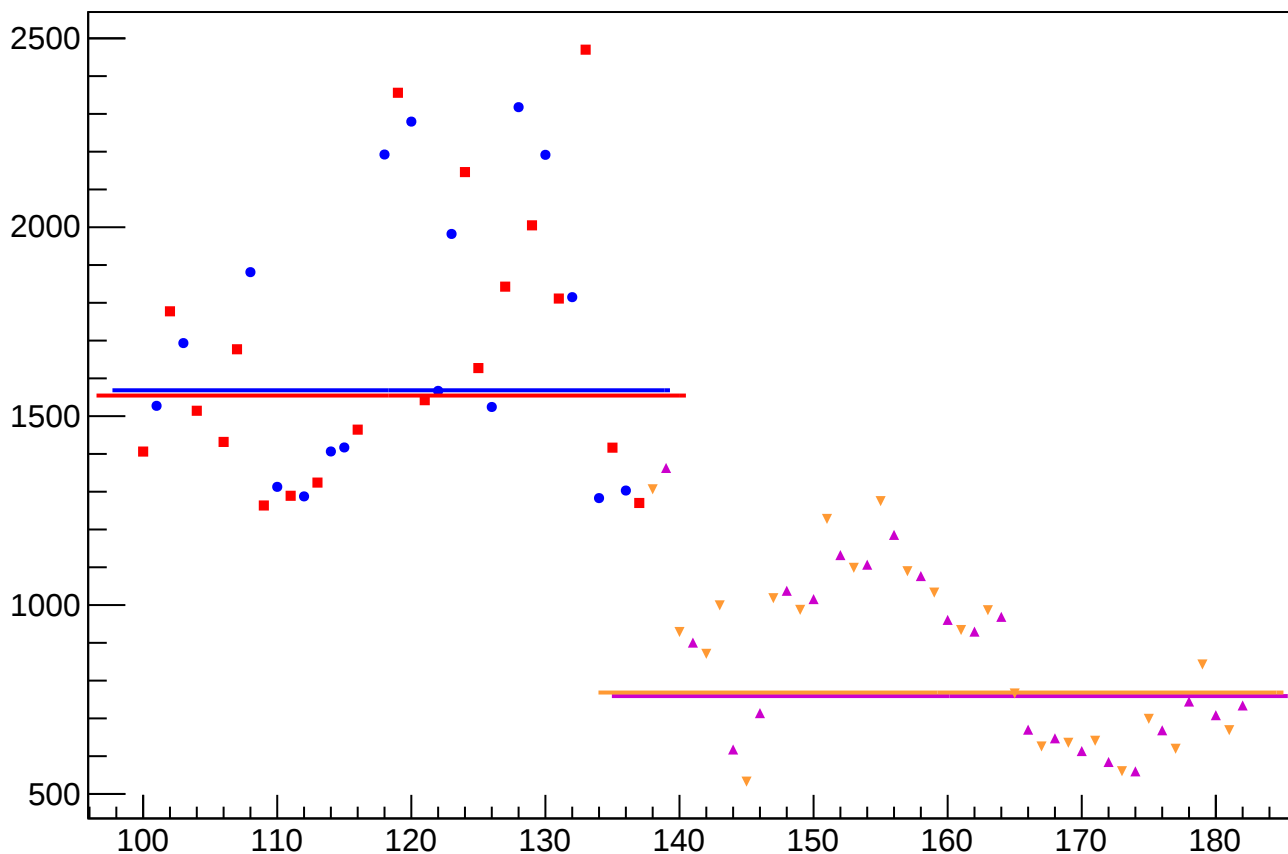
Right: 322.661 ± 430.045 χ^2/NDF : 40.5/35

In: 23.948 ± 180.371 χ^2/NDF : 48.7/38

Out: -752.405 ± 181.344 χ^2/NDF : 102.1/41

All: -362.141 ± 127.884 χ^2/NDF : 160.1/80

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 768.453+/-0.135 χ^2/NDF : 2413776.3/22

Right Out: 1554.527+/-0.421 χ^2/NDF : 512038.4/18

Left In: 759.088+/-0.133 χ^2/NDF : 2079650.5/21

Left: 763.724+/-0.095 χ^2/NDF : 4495871.2/44

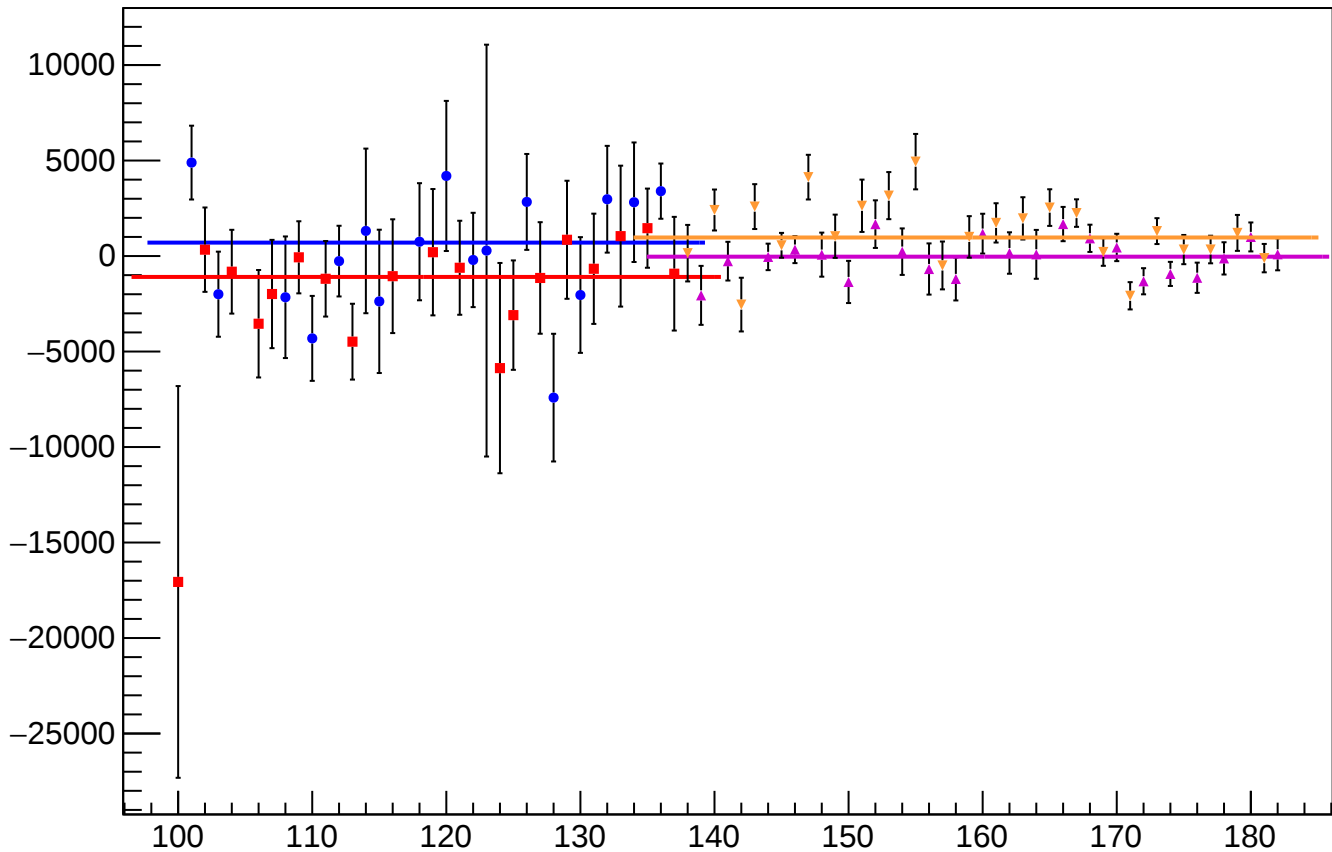
Right: 1561.208+/-0.304 χ^2/NDF : 1046761.5/35

In: 827.263+/-0.128 χ^2/NDF : 5720347.6/38

Out: 841.304+/-0.128 χ^2/NDF : 6085800.4/41

All: 834.246+/-0.090 χ^2/NDF : 11812175.5/80

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 971.307 $\pm$ 192.583 χ^2 /NDF:61.8/22

Right Out: -1093.862 $\pm$ 603.204 χ^2 /NDF: 10.6/18

Left In: -33.360 $\pm$ 188.808 χ^2 /NDF:23.4/21

Left: 459.032 $\pm$ 134.822 χ^2 /NDF: 99.1/44

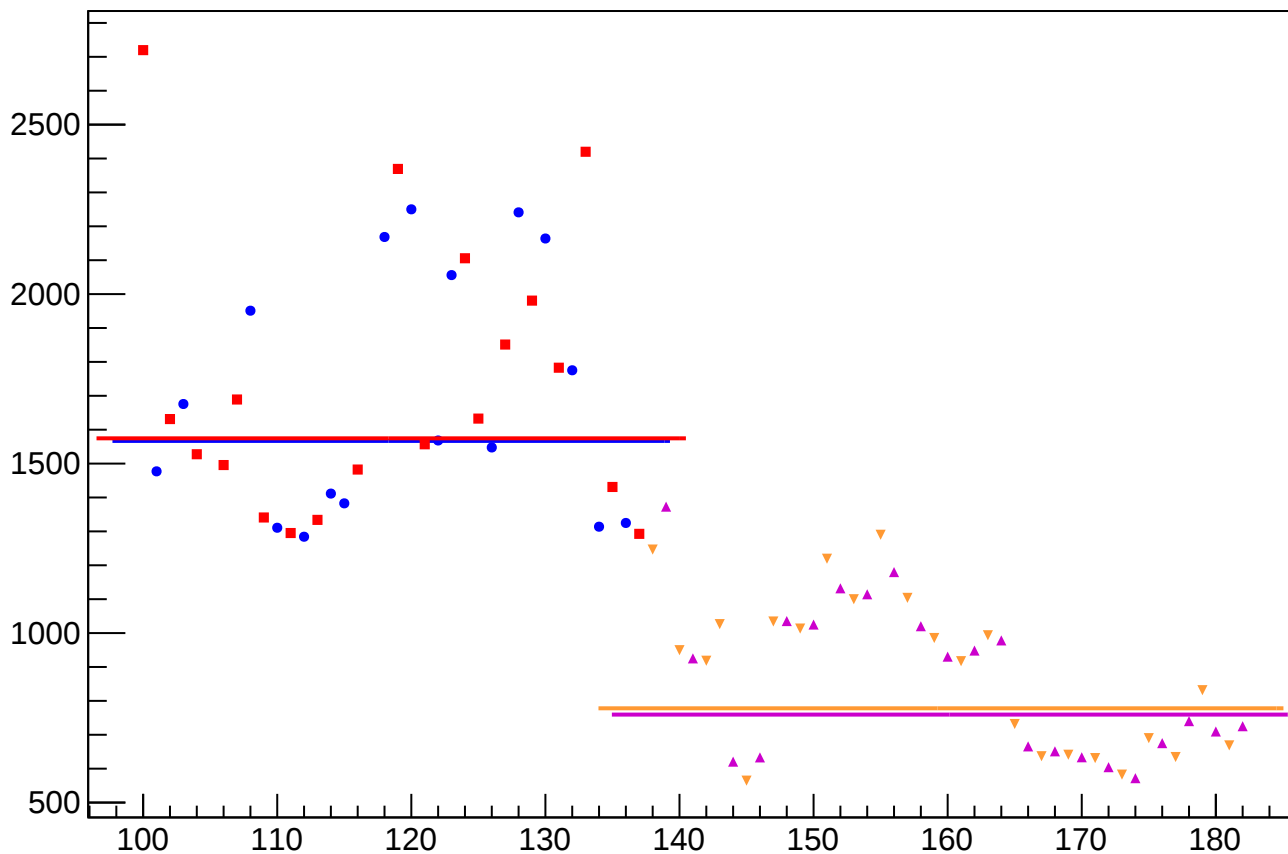
Right: -220.967 $\pm$ 432.555 χ^2 /NDF: 40.9/35

In: 29.024 $\pm$ 180.634 χ^2 /NDF:50.7/38

Out: 780.274 $\pm$ 183.459 χ^2 /NDF:83.1/41

All: 398.820 $\pm$ 128.715 χ^2 /NDF: 142.3/80

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 778.063 $\pm$ 0.136 χ^2 /NDF: 2231414.0/22

Right Out: 1574.525 $\pm$ 0.427 χ^2 /NDF: 464289.2/18

Left In: 759.520 $\pm$ 0.134 χ^2 /NDF: 2014108.8/21

Left: 768.608 $\pm$ 0.095 χ^2 /NDF: 4254976.5/44

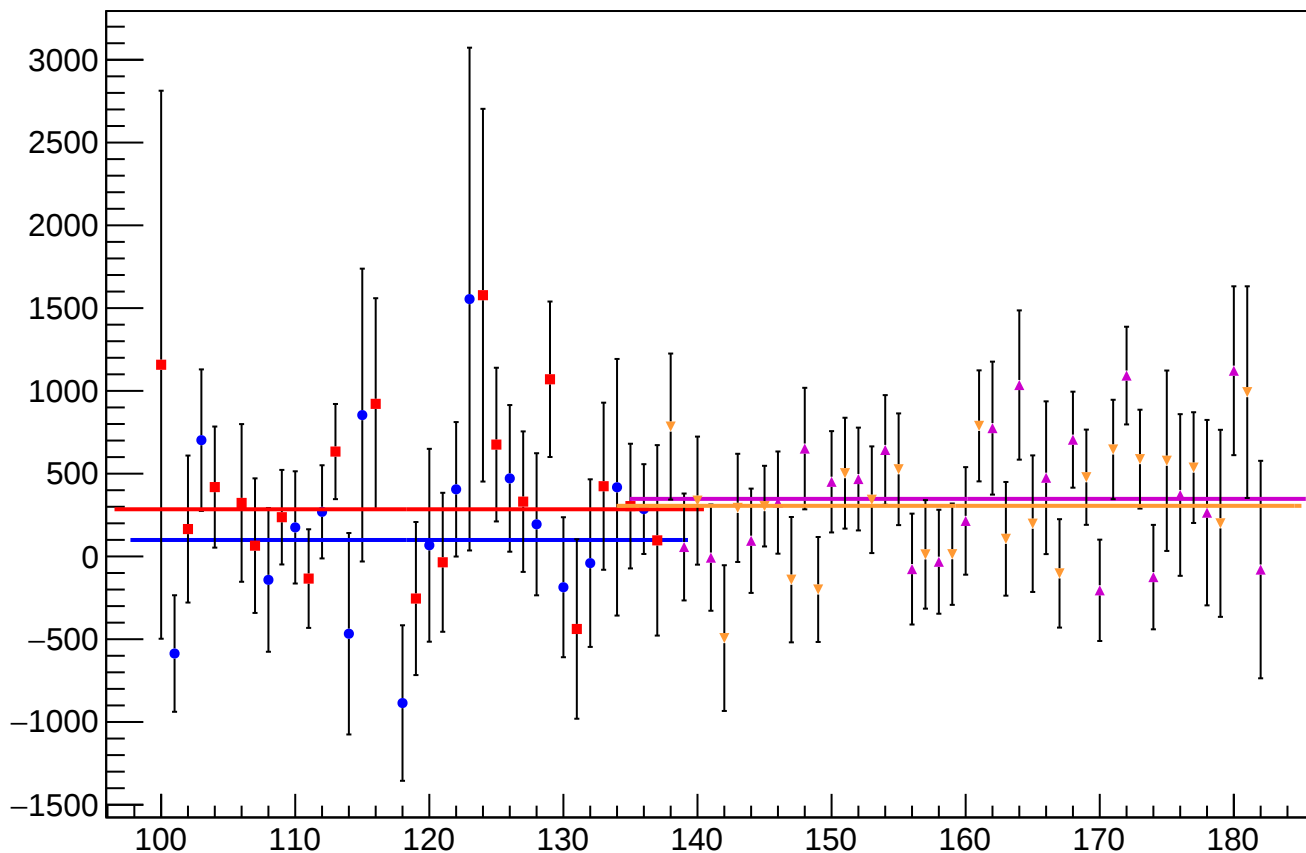
Right: 1570.839 $\pm$ 0.306 χ^2 /NDF: 964289.1/35

In: 827.919 $\pm$ 0.128 χ^2 /NDF: 5612321.4/38

Out: 851.737 $\pm$ 0.130 χ^2 /NDF: 5860001.1/41

All: 839.643 $\pm$ 0.091 χ^2 /NDF: 11489439.5/80

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 305.671 $\pm$ 72.110 χ^2 /NDF:19.4/22

Right Out: 284.883 $\pm$ 97.709 χ^2 /NDF: 14.0/18

Left In: 347.683 $\pm$ 74.647 χ^2 /NDF:27.3/21

Left: 325.951 $\pm$ 51.863 χ^2 /NDF: 46.9/44

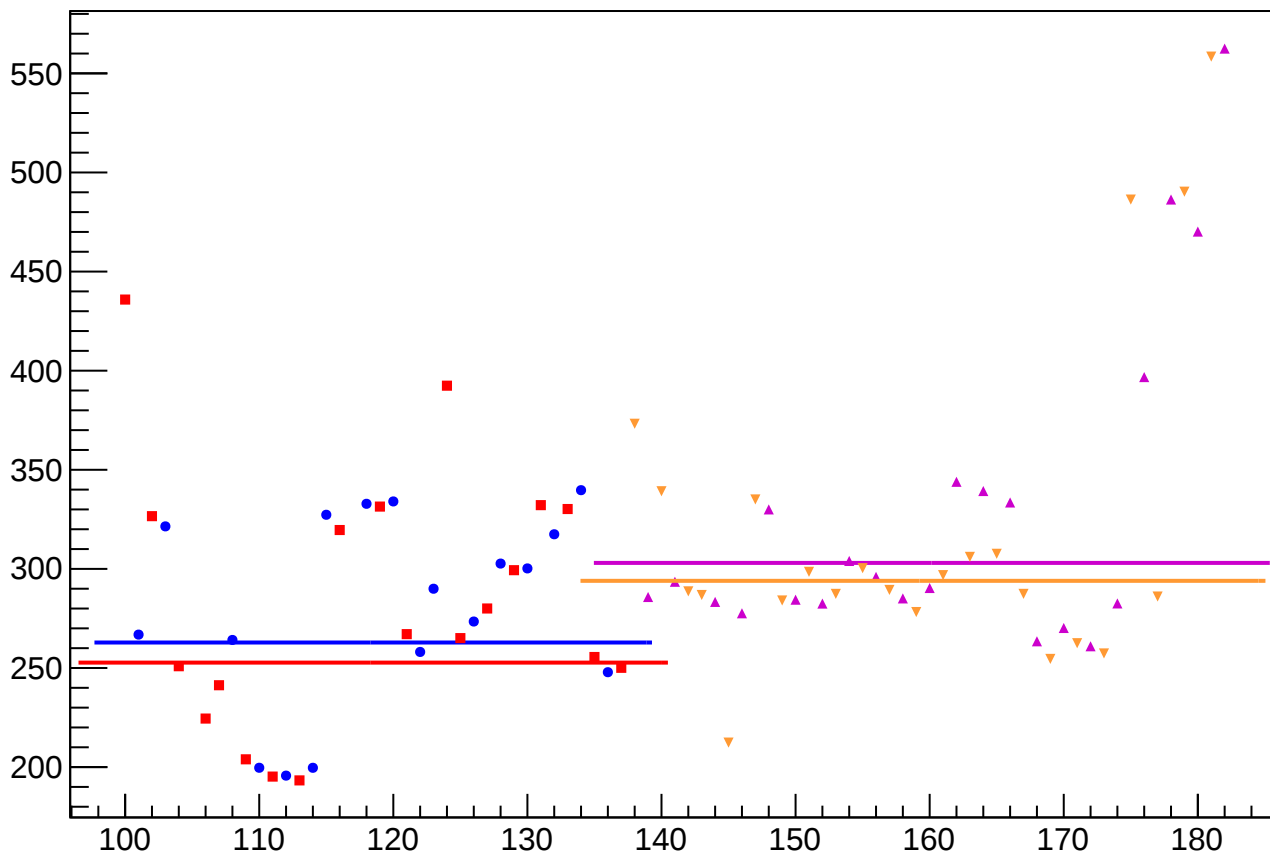
Right: 197.437 $\pm$ 71.038 χ^2 /NDF: 31.6/35

In: 262.682 $\pm$ 60.536 χ^2 /NDF:47.0/38

Out: 298.341 $\pm$ 58.020 χ^2 /NDF:33.4/41

All: 281.268 $\pm$ 41.888 χ^2 /NDF: 80.7/80

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 $\pm$ 0.073 χ^2 /NDF: 411698.3/16

Left Out: 293.977 $\pm$ 0.051 χ^2 /NDF:1280007.9/22

Right Out: 252.720 $\pm$ 0.069 χ^2 /NDF: 539727.3/18

Left In: 303.019 $\pm$ 0.053 χ^2 /NDF:1032821.0/21

Left: 298.342 $\pm$ 0.037 χ^2 /NDF: 2328008.0/44

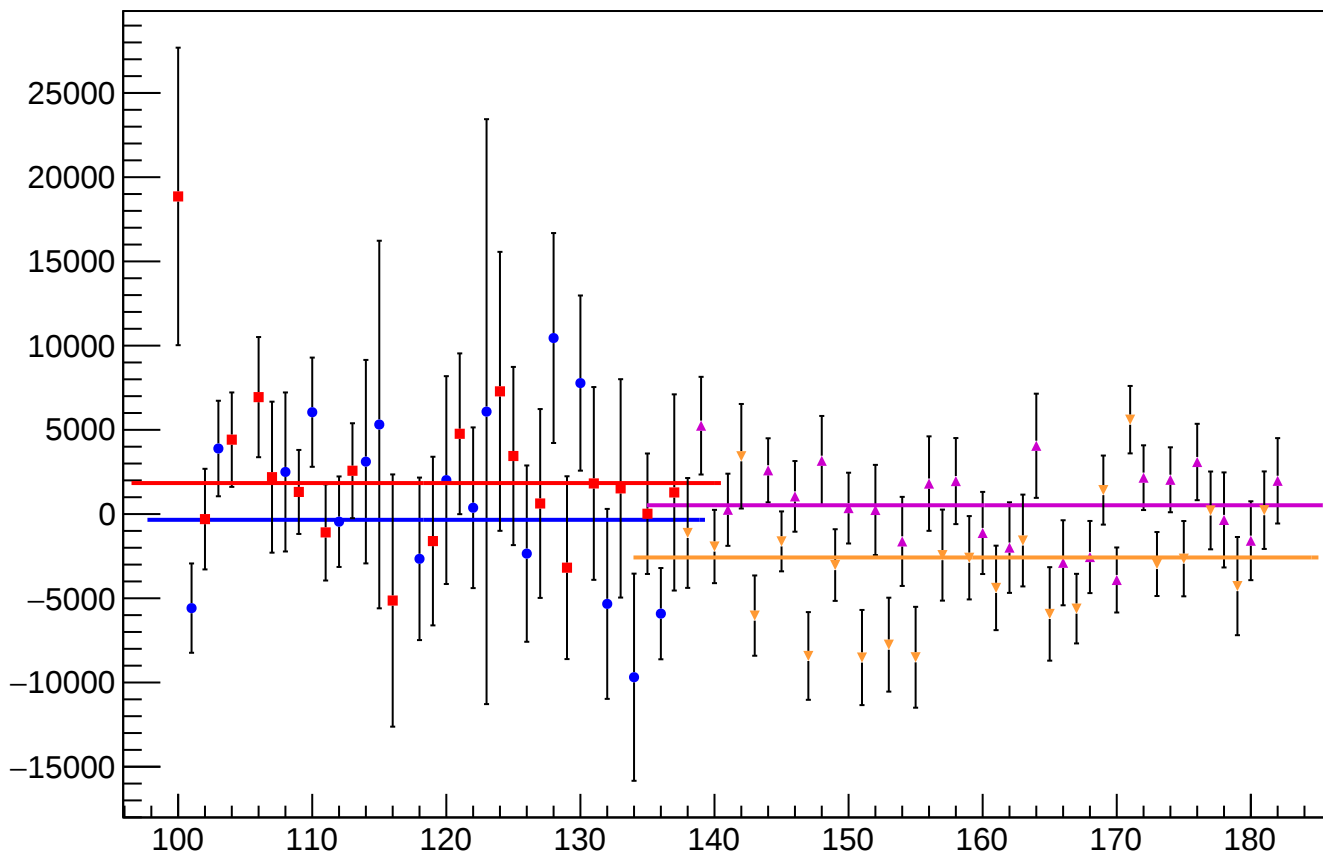
Right: 257.498 $\pm$ 0.050 χ^2 /NDF: 961572.8/35

In: 289.270 $\pm$ 0.043 χ^2 /NDF:1642717.5/38

Out: 279.430 $\pm$ 0.041 χ^2 /NDF:2050583.2/41

All: 284.141 $\pm$ 0.030 χ^2 /NDF: 3720844.3/80

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -2576.557 ± 496.777 $\chi^2/\text{NDF}: 51.4/22$

Right Out: 1840.596 ± 924.746 $\chi^2/\text{NDF}: 11.7/18$

Left In: 522.850 ± 498.512 $\chi^2/\text{NDF}: 21.8/21$

Left: -1032.255 ± 351.886 $\chi^2/\text{NDF}: 92.6/44$

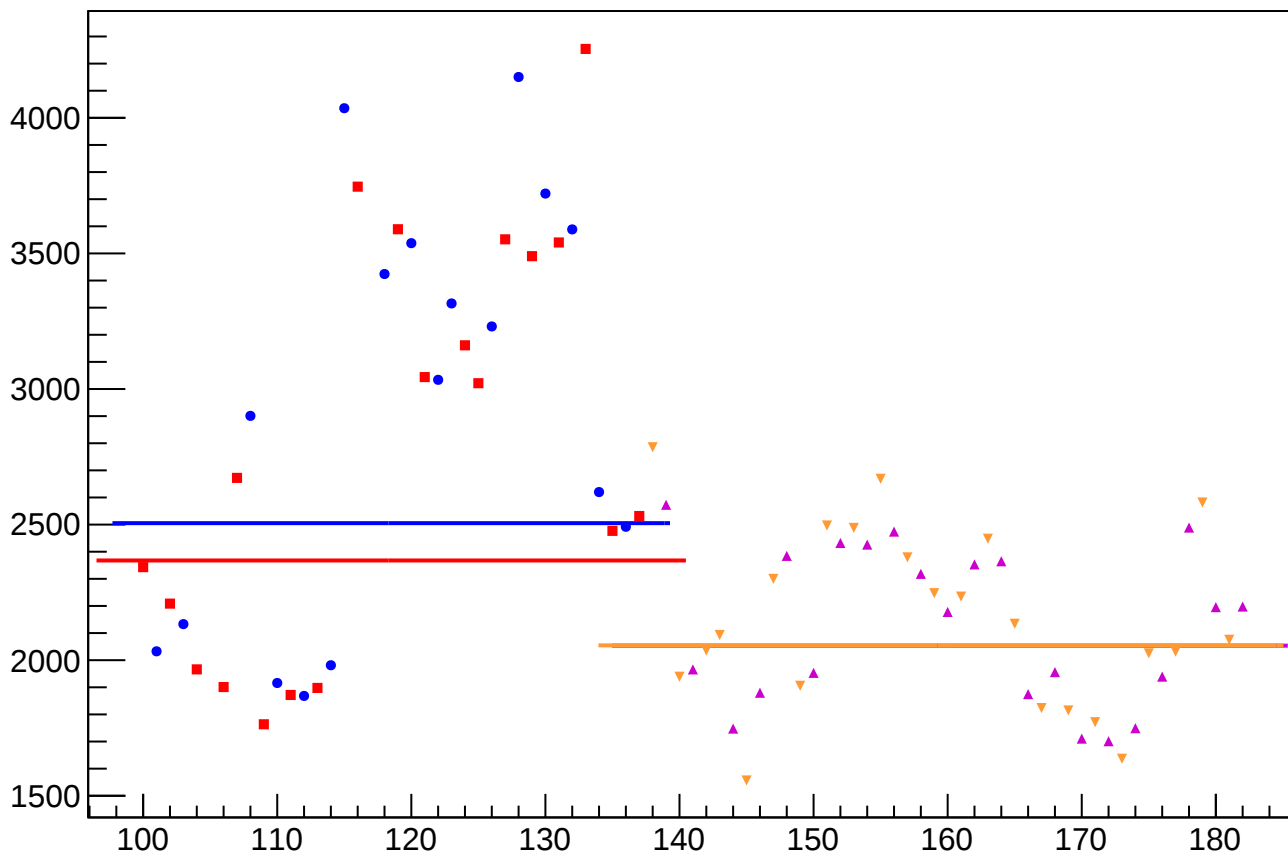
Right: 839.728 ± 680.387 $\chi^2/\text{NDF}: 38.7/35$

In: 352.066 ± 446.557 $\chi^2/\text{NDF}: 46.8/38$

Out: -1587.304 ± 437.628 $\chi^2/\text{NDF}: 80.8/41$

All: -637.203 ± 312.559 $\chi^2/\text{NDF}: 137.2/80$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2054.660+/-0.351 χ^2/NDF : 822458.3/22

Right Out: 2367.730+/-0.654 χ^2/NDF : 1030895.6/18

Left In: 2053.566+/-0.353 χ^2/NDF : 625923.1/21

Left: 2054.115+/-0.249 χ^2/NDF : 1448386.2/44

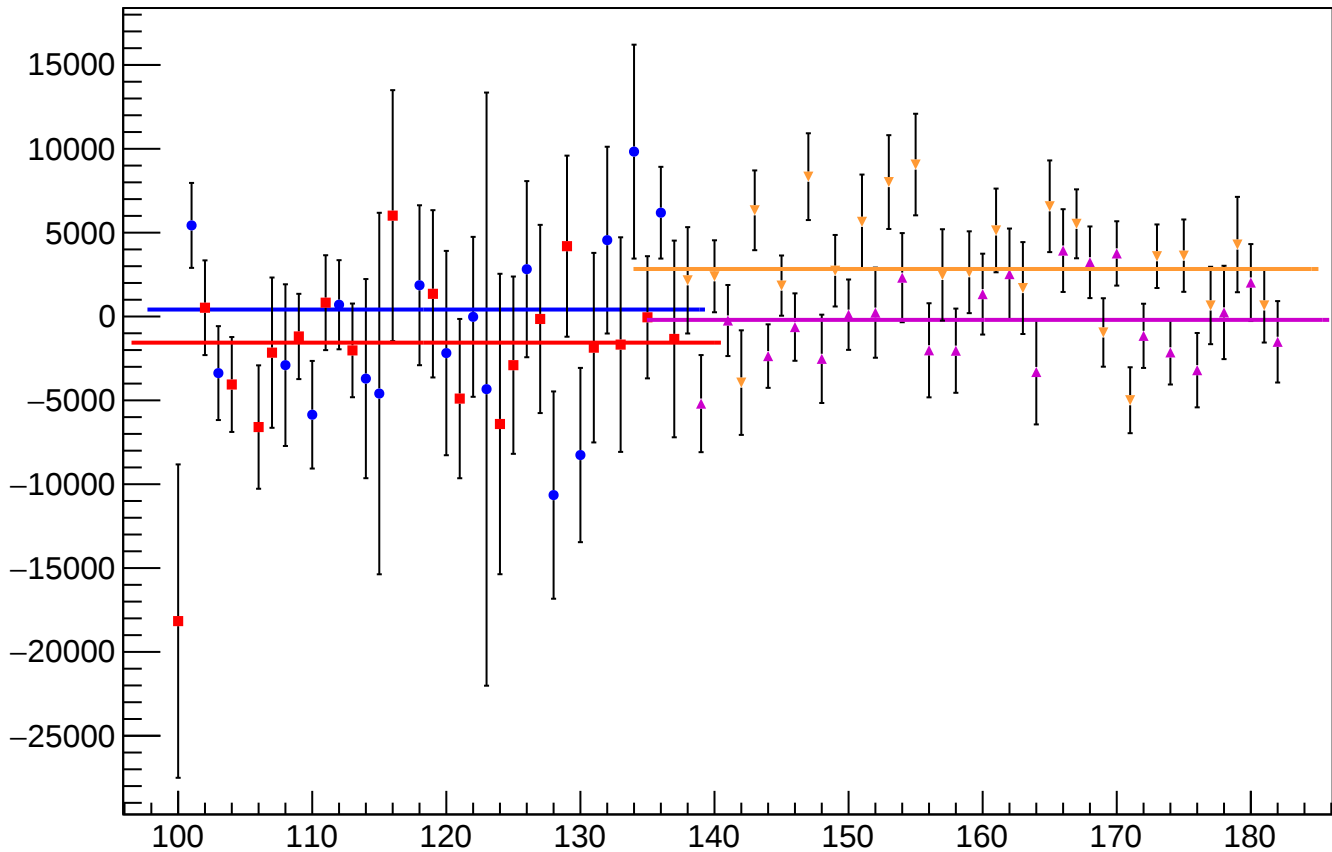
Right: 2430.842+/-0.481 χ^2/NDF : 1915339.5/35

In: 2142.824+/-0.316 χ^2/NDF : 1814574.5/38

Out: 2124.774+/-0.309 χ^2/NDF : 2031244.9/41

All: 2133.617+/-0.221 χ^2/NDF : 3847486.2/80

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 $\pm$ 994.913 χ^2 /NDF: 24.5/16

Left Out: 2833.786 $\pm$ 493.076 χ^2 /NDF:46.8/22

Right Out: -1558.787 $\pm$ 924.438 χ^2 /NDF: 10.7/18

Left In: -200.781 $\pm$ 493.383 χ^2 /NDF:23.4/21

Left: 1317.448 $\pm$ 348.766 χ^2 /NDF: 89.1/44

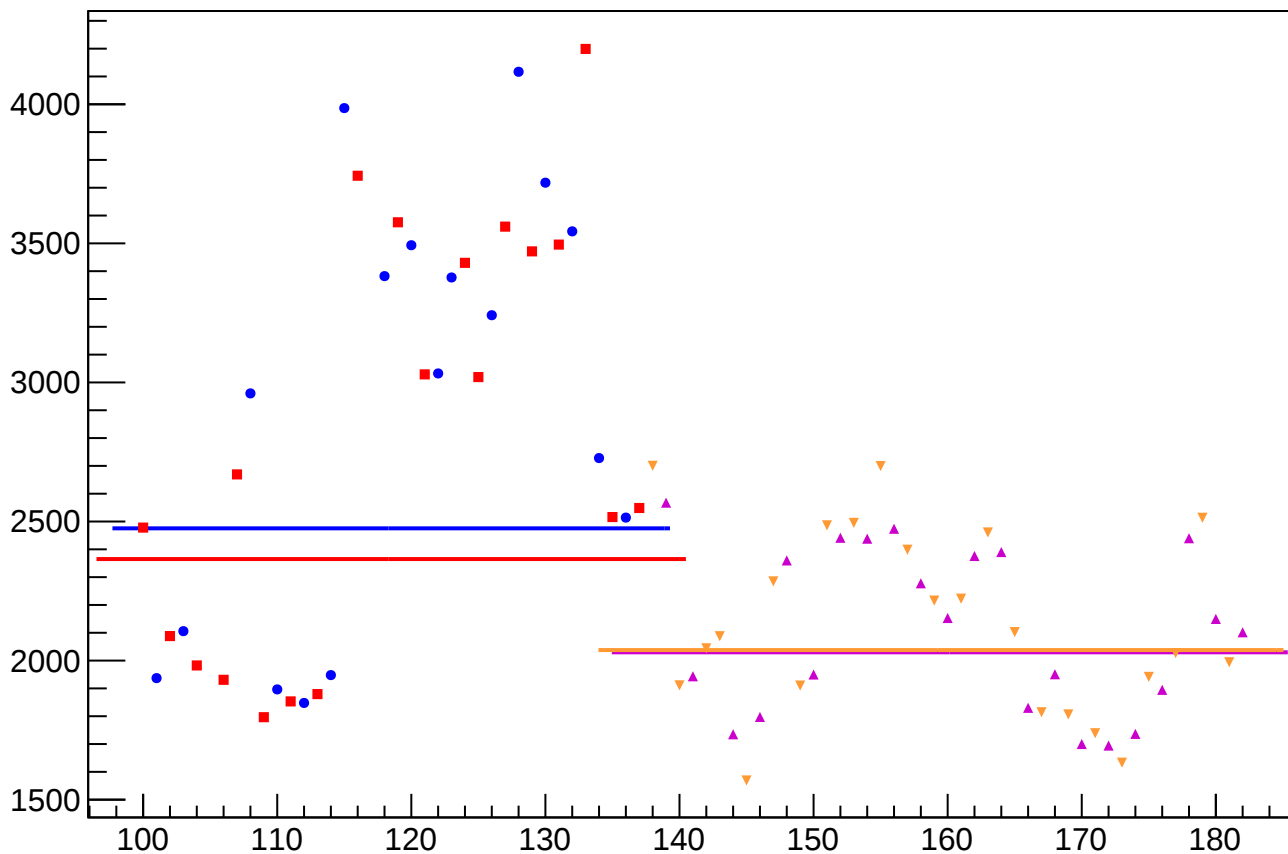
Right: -644.015 $\pm$ 677.222 χ^2 /NDF: 37.3/35

In: -79.129 $\pm$ 442.017 χ^2 /NDF:48.2/38

Out: 1860.907 $\pm$ 435.059 χ^2 /NDF:75.1/41

All: 906.279 $\pm$ 310.064 χ^2 /NDF: 133.1/80

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2 /NDF: 913073.5/16

Left Out: 2037.832 $\pm$ 0.349 χ^2 /NDF: 809563.9/22

Right Out: 2365.025 $\pm$ 0.654 χ^2 /NDF: 1027171.5/18

Left In: 2029.765 $\pm$ 0.349 χ^2 /NDF: 651300.5/21

Left: 2033.801 $\pm$ 0.247 χ^2 /NDF: 1461131.9/44

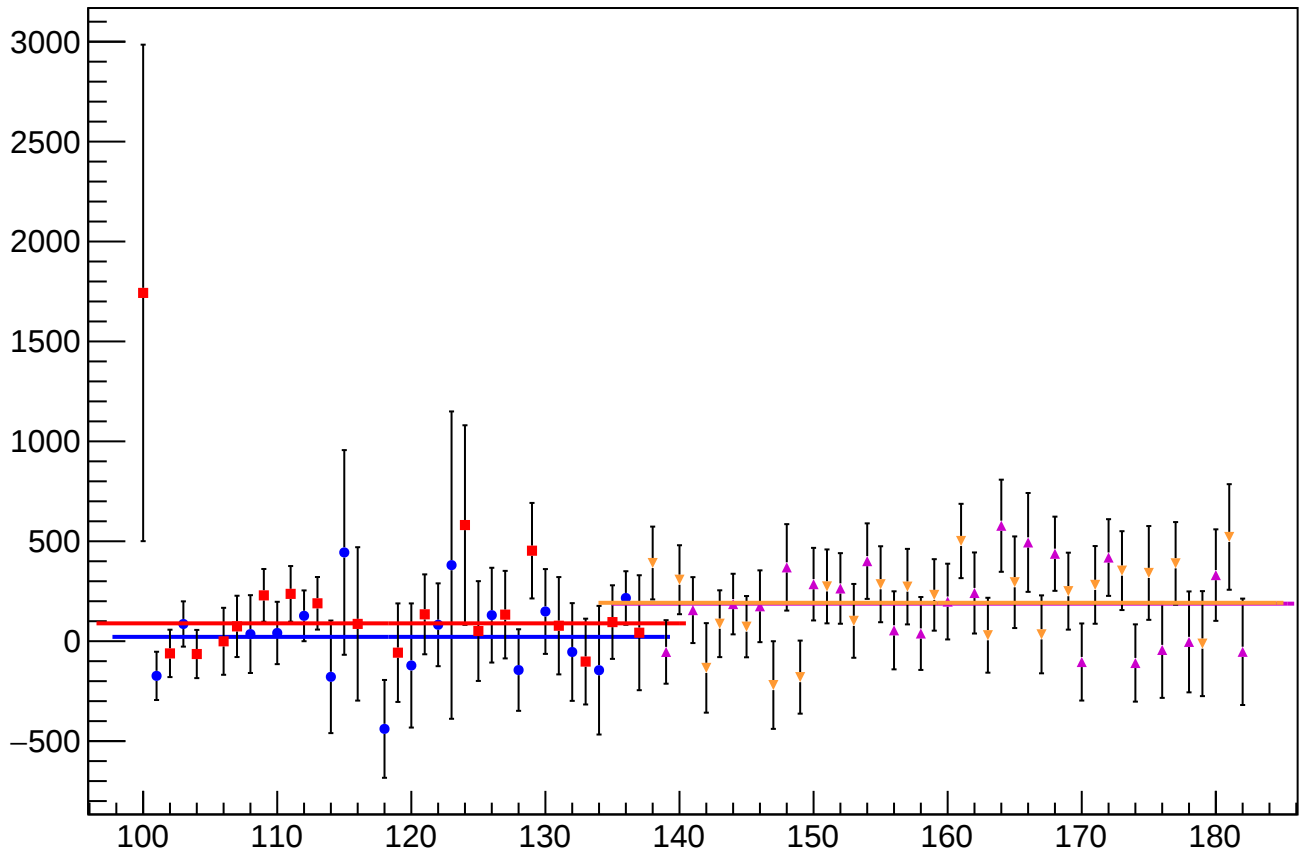
Right: 2416.181 $\pm$ 0.479 χ^2 /NDF: 1953463.4/35

In: 2117.732 $\pm$ 0.313 χ^2 /NDF: 1886477.6/38

Out: 2110.300 $\pm$ 0.308 χ^2 /NDF: 2031787.4/41

All: 2113.957 $\pm$ 0.219 χ^2 /NDF: 3918552.2/80

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2 /NDF: 12.6/16

Left Out: 192.159 $\pm$ 40.474 χ^2 /NDF:22.2/22

Right Out: 89.313 $\pm$ 41.803 χ^2 /NDF: 12.7/18

Left In: 187.841 $\pm$ 41.444 χ^2 /NDF:21.0/21

Left: 190.051 $\pm$ 28.956 χ^2 /NDF: 43.2/44

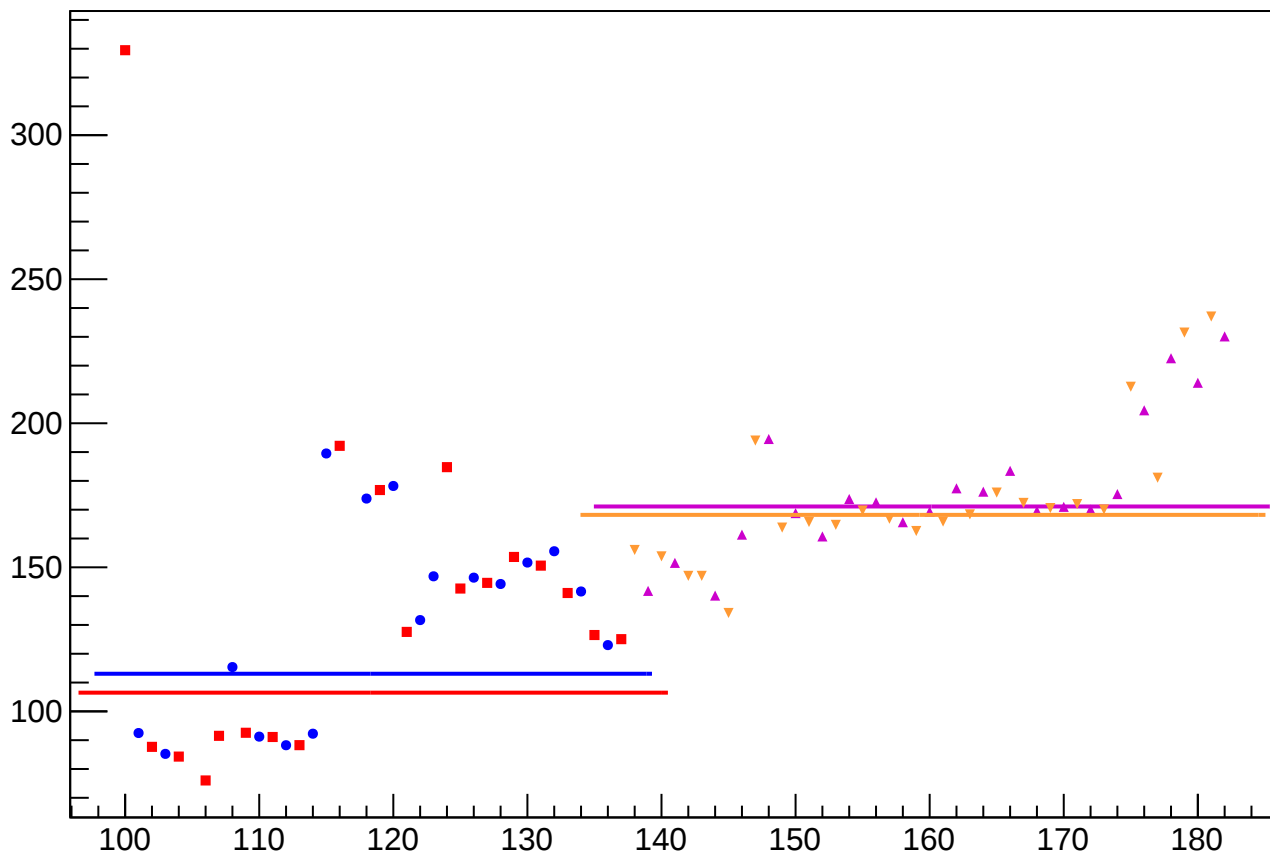
Right: 58.087 $\pm$ 30.676 χ^2 /NDF: 26.5/35

In: 111.856 $\pm$ 30.534 χ^2 /NDF:41.0/38

Out: 142.396 $\pm$ 29.078 χ^2 /NDF:38.0/41

All: 127.872 $\pm$ 21.057 χ^2 /NDF: 79.5/80

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 168.204 $\pm$ 0.029 χ^2/NDF : 539754.1/22

Right Out: 106.493 $\pm$ 0.030 χ^2/NDF : 1016224.6/18

Left In: 171.116 $\pm$ 0.029 χ^2/NDF : 517970.1/21

Left: 169.625 $\pm$ 0.020 χ^2/NDF : 1062777.0/44

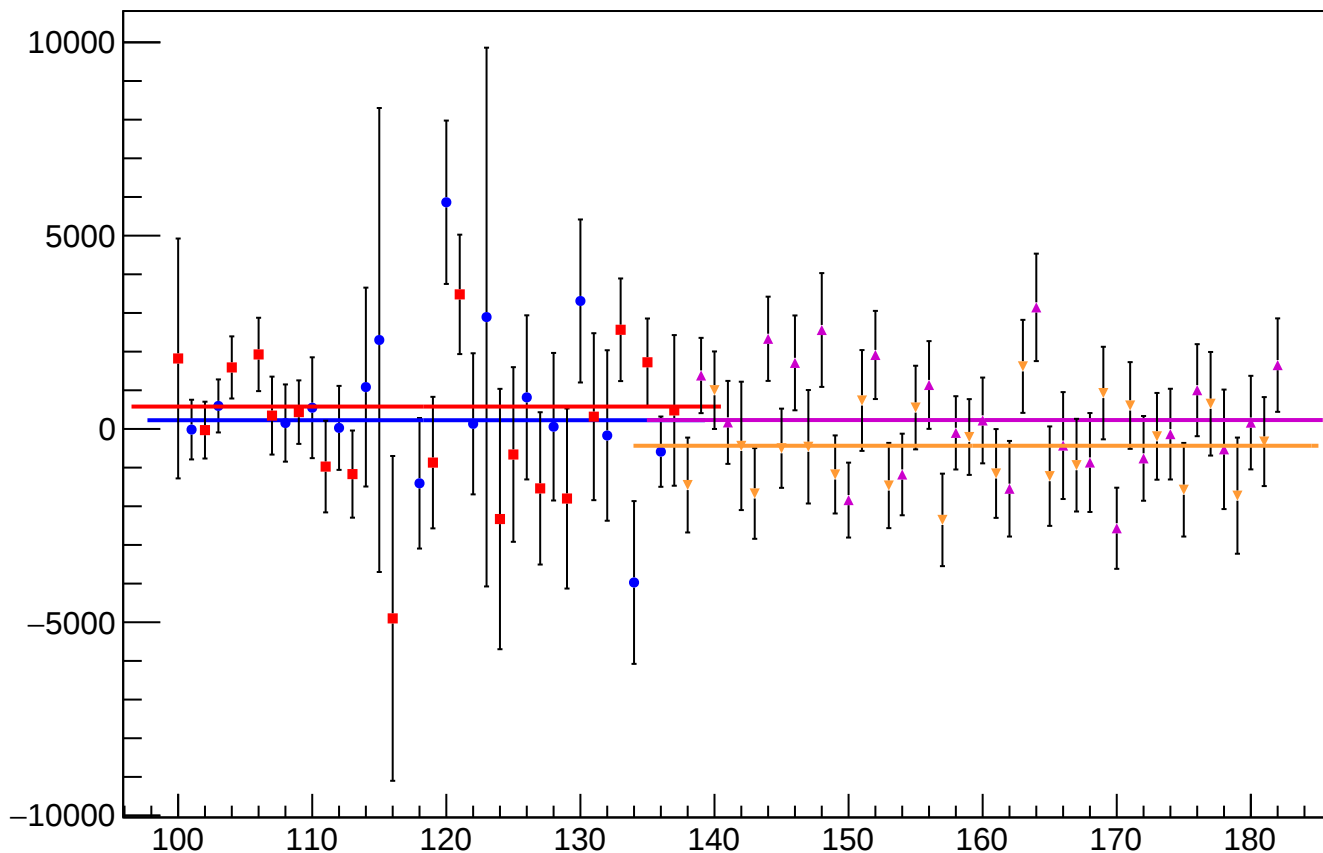
Right: 109.523 $\pm$ 0.022 χ^2/NDF : 1859790.1/35

In: 144.571 $\pm$ 0.022 χ^2/NDF : 3133193.4/38

Out: 138.345 $\pm$ 0.021 χ^2/NDF : 3805645.2/41

All: 141.306 $\pm$ 0.015 χ^2/NDF : 6982457.0/80

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -434.730 $\pm$ 245.248 χ^2 /NDF:17.9/22

Right Out: 579.018 $\pm$ 289.235 χ^2 /NDF: 21.1/18

Left In: 230.223 $\pm$ 245.500 χ^2 /NDF:35.9/21

Left: -102.594 $\pm$ 173.506 χ^2 /NDF: 57.4/44

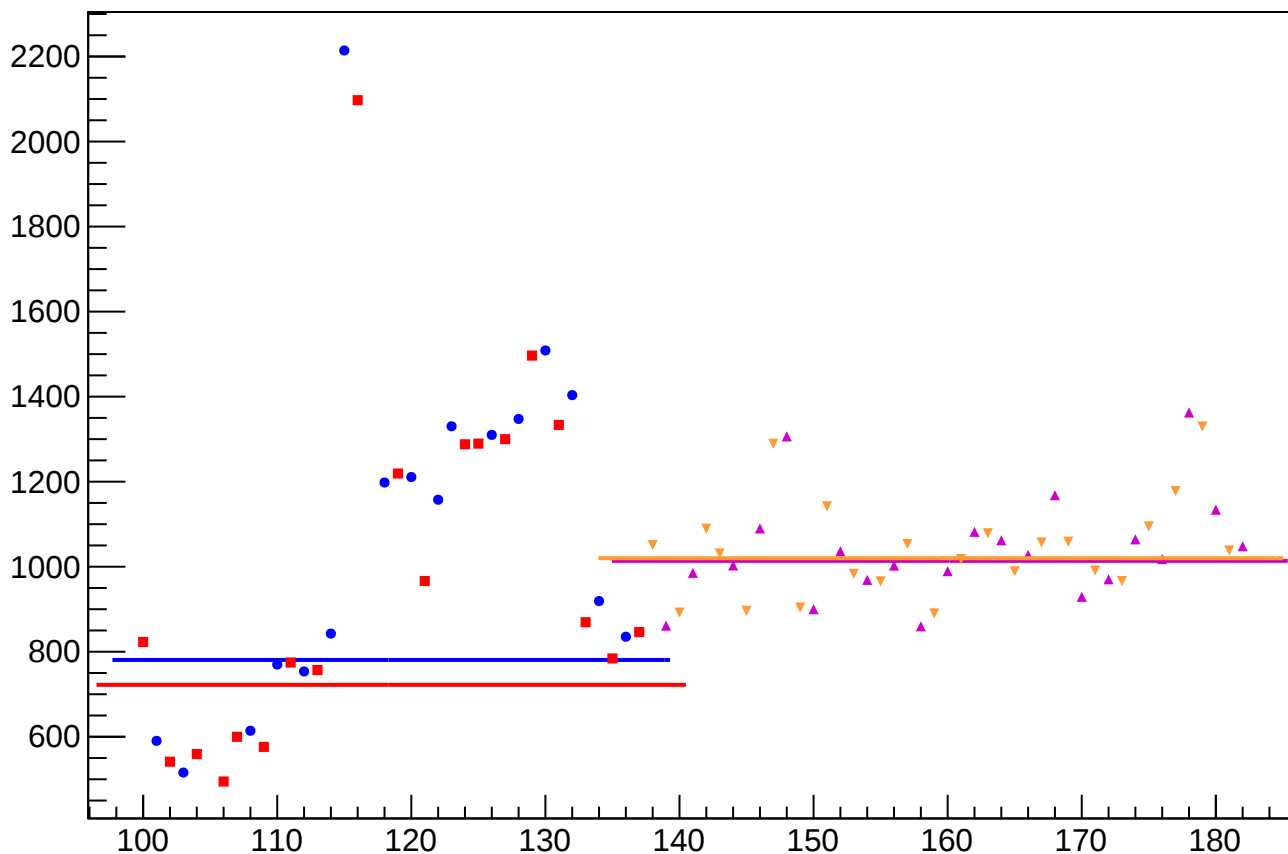
Right: 420.896 $\pm$ 214.998 χ^2 /NDF: 37.8/35

In: 228.533 $\pm$ 195.098 χ^2 /NDF:51.8/38

Out: -10.723 $\pm$ 187.056 χ^2 /NDF:46.2/41

All: 103.872 $\pm$ 135.022 χ^2 /NDF: 98.8/80

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1020.005 $\pm$ 0.173 χ^2 /NDF: 358562.0/22

Right Out: 722.148 $\pm$ 0.205 χ^2 /NDF: 1628760.4/18

Left In: 1013.671 $\pm$ 0.174 χ^2 /NDF: 404358.3/21

Left: 1016.841 $\pm$ 0.123 χ^2 /NDF: 763586.7/44

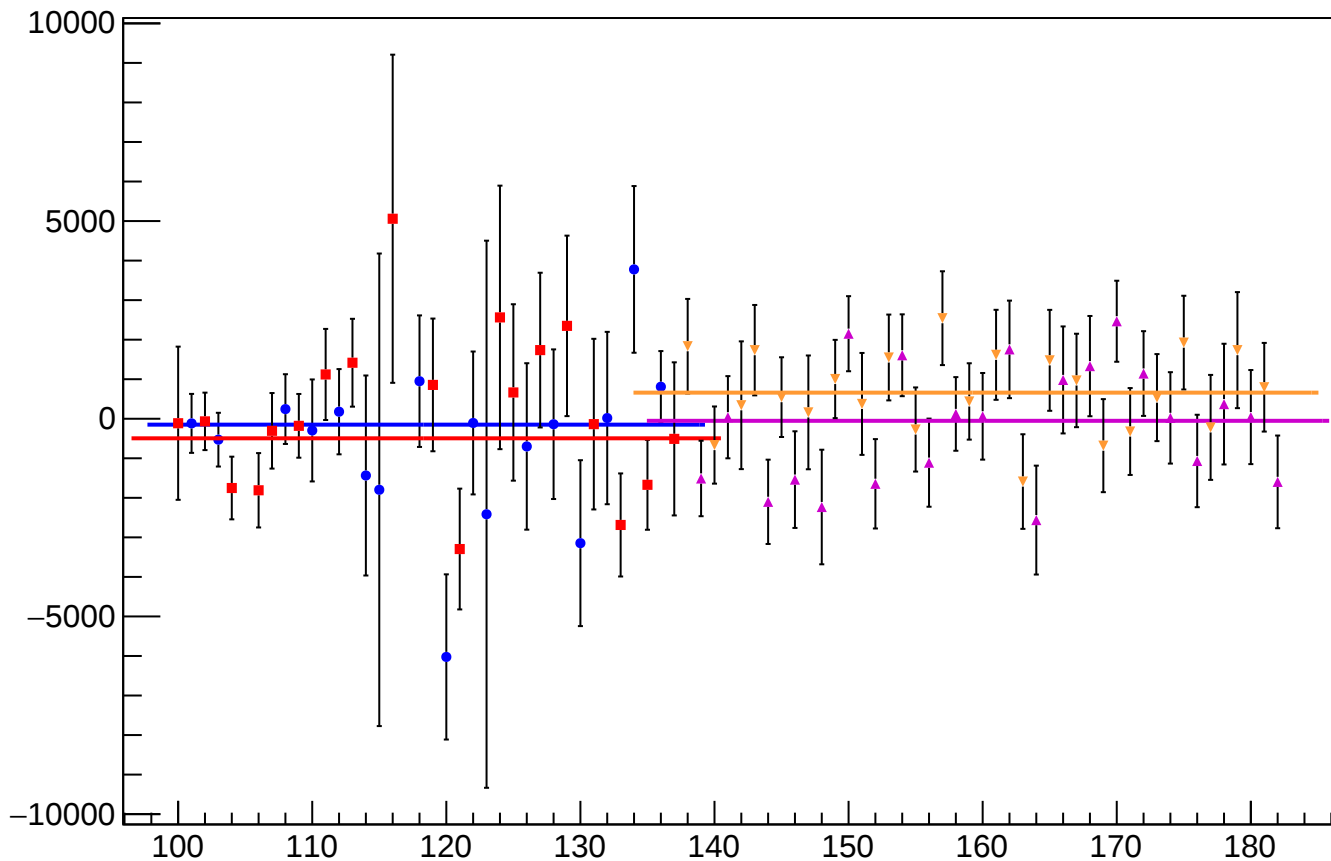
Right: 748.347 $\pm$ 0.152 χ^2 /NDF: 3274944.8/35

In: 927.832 $\pm$ 0.138 χ^2 /NDF: 2677479.6/38

Out: 895.424 $\pm$ 0.132 χ^2 /NDF: 3221210.0/41

All: 910.946 $\pm$ 0.095 χ^2 /NDF: 5927442.2/80

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 660.370 ± 240.997 $\chi^2/\text{NDF}: 17.0/22$

Right Out: -494.856 ± 282.721 $\chi^2/\text{NDF}: 23.7/18$

Left In: -52.221 ± 241.221 $\chi^2/\text{NDF}: 37.8/21$

Left: 304.406 ± 170.490 $\chi^2/\text{NDF}: 59.1/44$

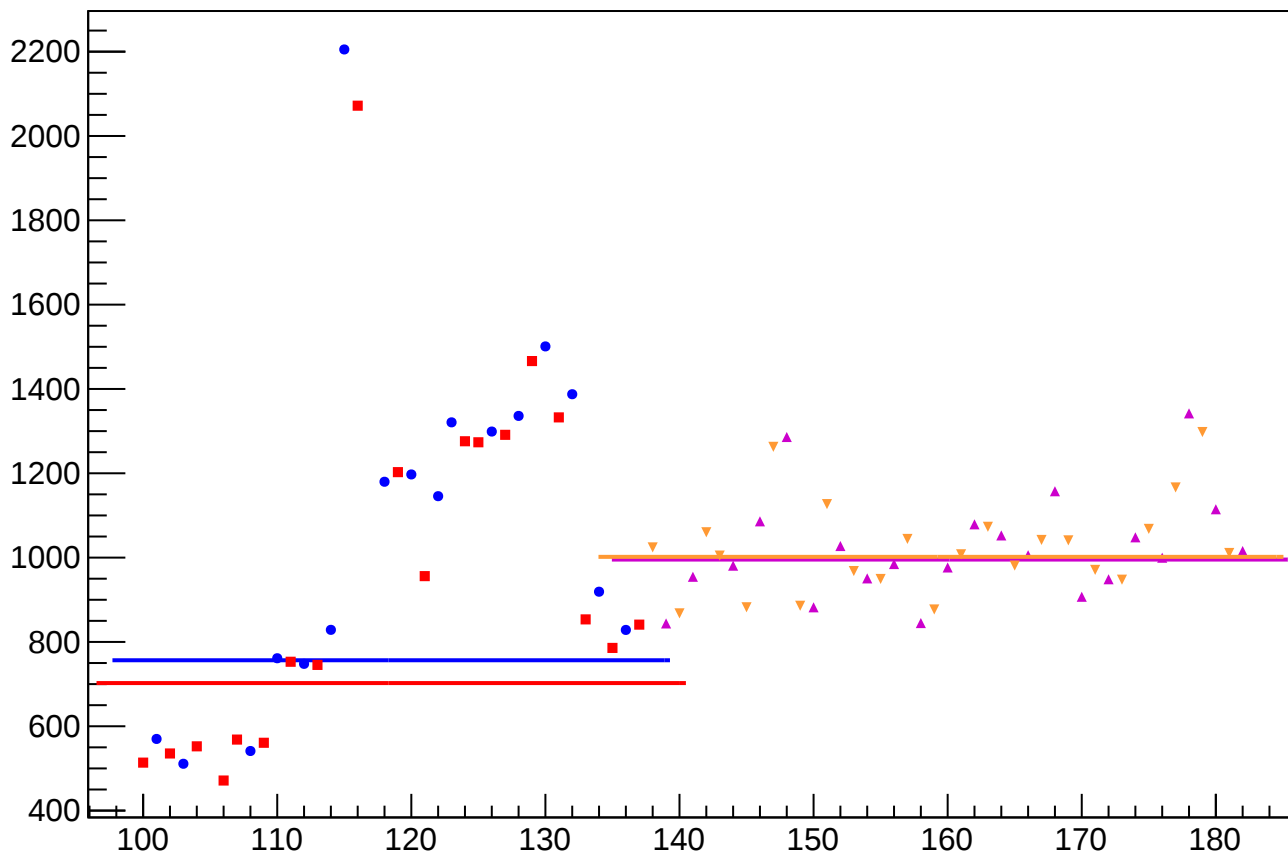
Right: -339.515 ± 209.793 $\chi^2/\text{NDF}: 40.5/35$

In: -88.349 ± 191.056 $\chi^2/\text{NDF}: 54.0/38$

Out: 174.212 ± 183.406 $\chi^2/\text{NDF}: 50.3/41$

All: 48.293 ± 132.309 $\chi^2/\text{NDF}: 105.3/80$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 1001.812 $\pm$ 0.170 χ^2 /NDF: 361209.7/22

Right Out: 702.444 $\pm$ 0.200 χ^2 /NDF: 1689393.5/18

Left In: 995.366 $\pm$ 0.171 χ^2 /NDF: 424327.0/21

Left: 998.592 $\pm$ 0.121 χ^2 /NDF: 786251.5/44

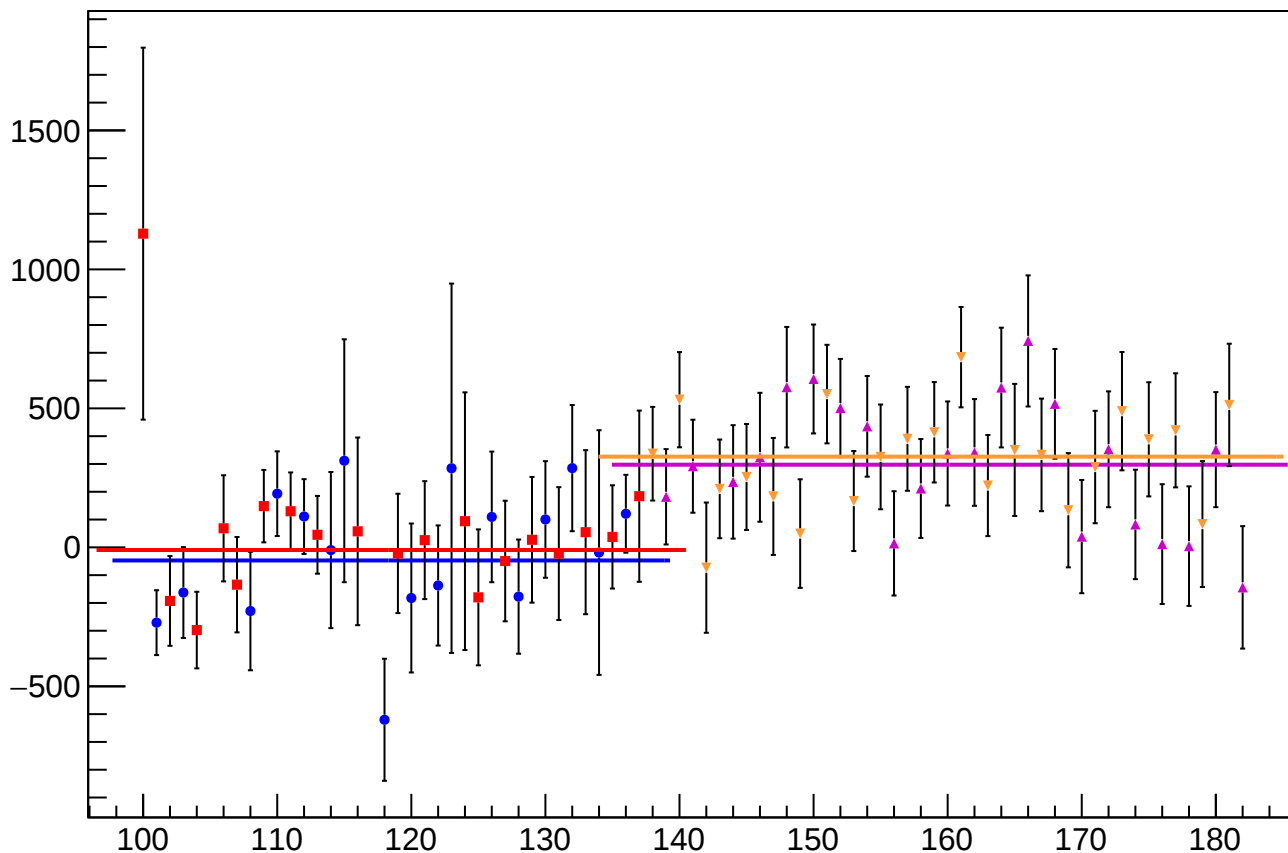
Right: 726.752 $\pm$ 0.148 χ^2 /NDF: 3435937.4/35

In: 906.360 $\pm$ 0.135 χ^2 /NDF: 2868603.4/38

Out: 875.828 $\pm$ 0.130 χ^2 /NDF: 3349363.1/41

All: 890.471 $\pm$ 0.094 χ^2 /NDF: 6244547.8/80

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 326.347 ± 40.604 $\chi^2/\text{NDF}: 18.1/22$

Right Out: -9.507 ± 44.749 $\chi^2/\text{NDF}: 13.0/18$

Left In: 297.343 ± 42.142 $\chi^2/\text{NDF}: 26.2/21$

Left: 312.384 ± 29.240 $\chi^2/\text{NDF}: 44.6/44$

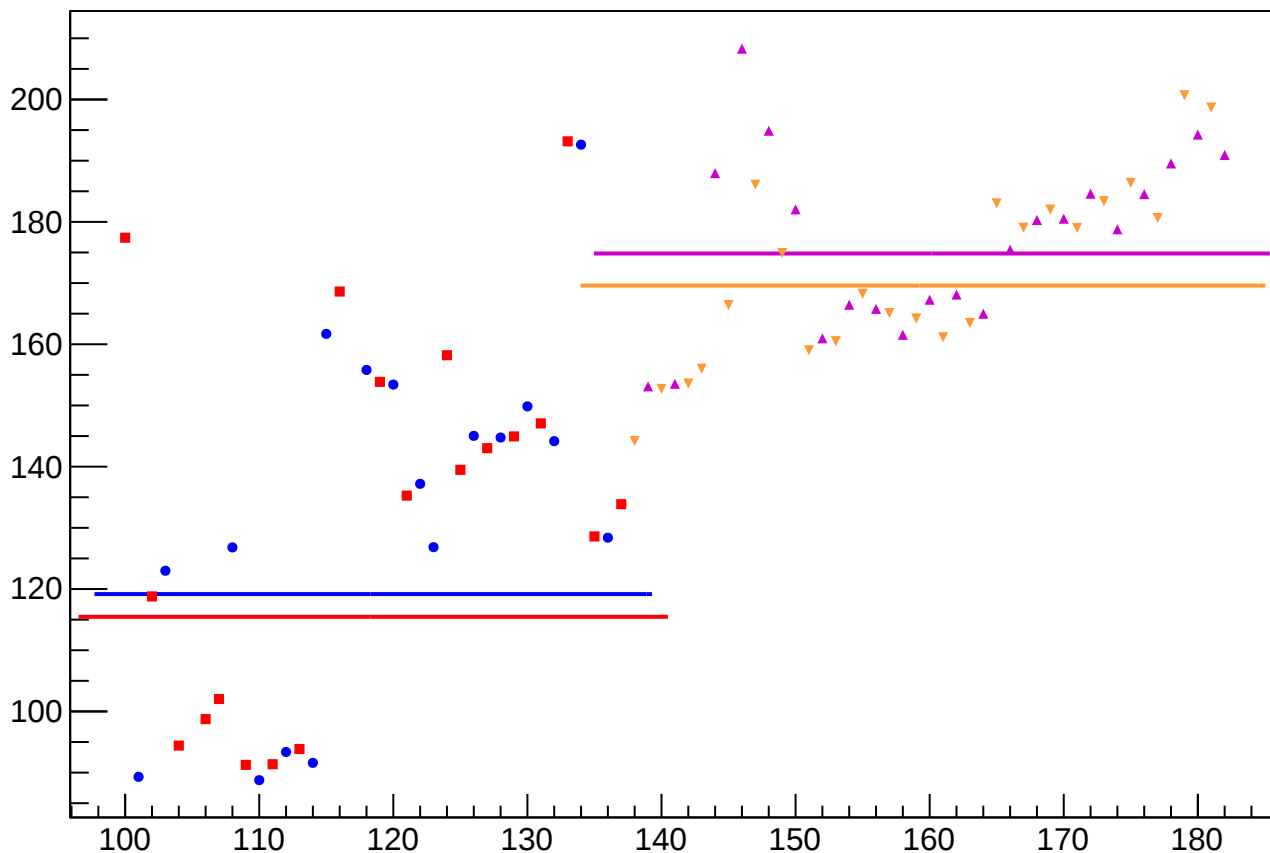
Right: -27.302 ± 32.497 $\chi^2/\text{NDF}: 35.3/35$

In: 144.779 ± 31.456 $\chi^2/\text{NDF}: 77.7/38$

Out: 174.691 ± 30.070 $\chi^2/\text{NDF}: 62.0/41$

All: 160.409 ± 21.736 $\chi^2/\text{NDF}: 140.2/80$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 169.594 $\pm$ 0.029 χ^2 /NDF:244800.3/22

Right Out: 115.466 $\pm$ 0.032 χ^2 /NDF: 692783.7/18

Left In: 174.832 $\pm$ 0.030 χ^2 /NDF:226557.7/21

Left: 172.116 $\pm$ 0.021 χ^2 /NDF: 487382.6/44

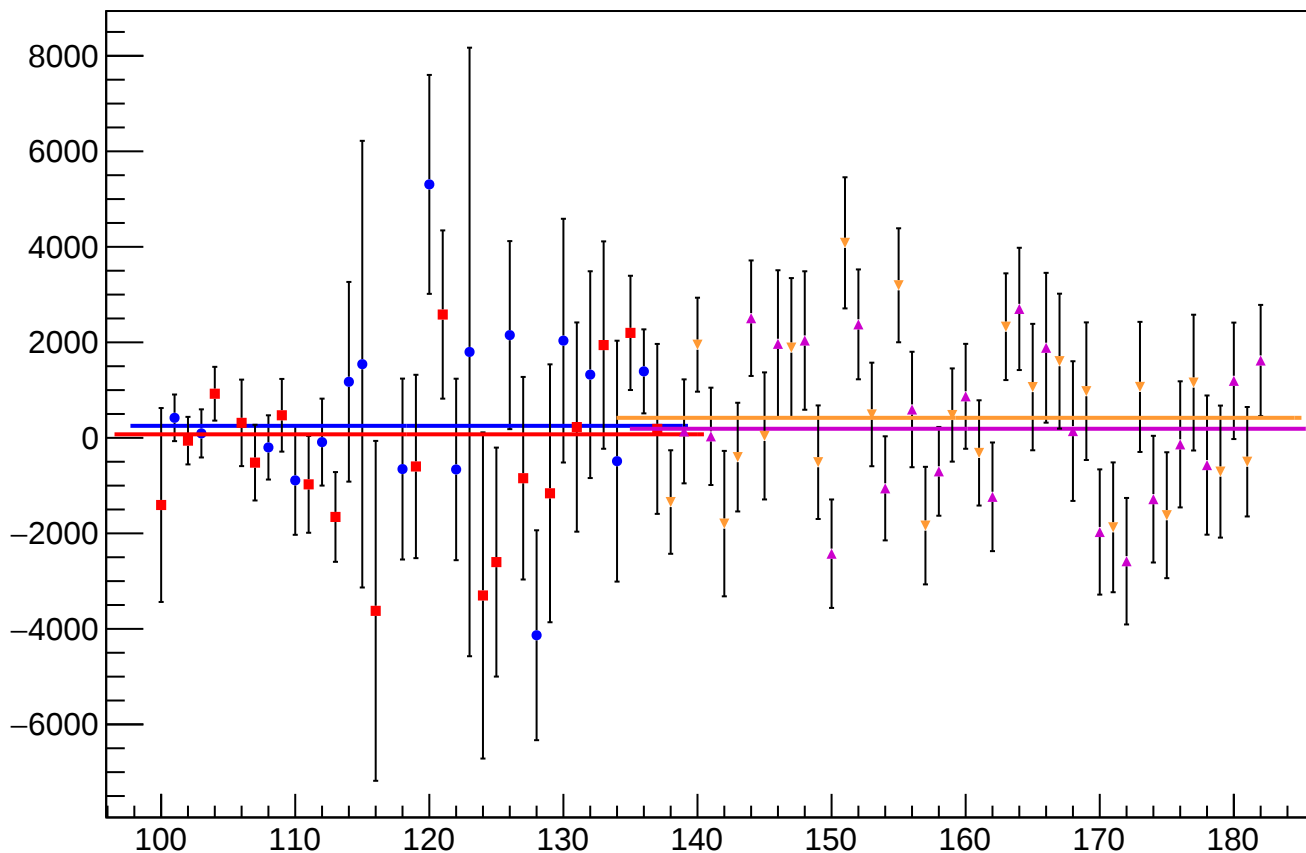
Right: 117.219 $\pm$ 0.023 χ^2 /NDF: 1314582.7/35

In: 150.184 $\pm$ 0.022 χ^2 /NDF:2386727.4/38

Out: 145.152 $\pm$ 0.021 χ^2 /NDF:2542468.6/41

All: 147.555 $\pm$ 0.015 χ^2 /NDF: 4955938.0/80

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 419.576 $\pm$ 256.186 χ^2/NDF : 36.8/22

Right Out: 74.126 $\pm$ 243.967 χ^2/NDF : 18.0/18

Left In: 190.356 $\pm$ 259.397 χ^2/NDF : 35.7/21

Left: 306.393 $\pm$ 182.276 χ^2/NDF : 72.9/44

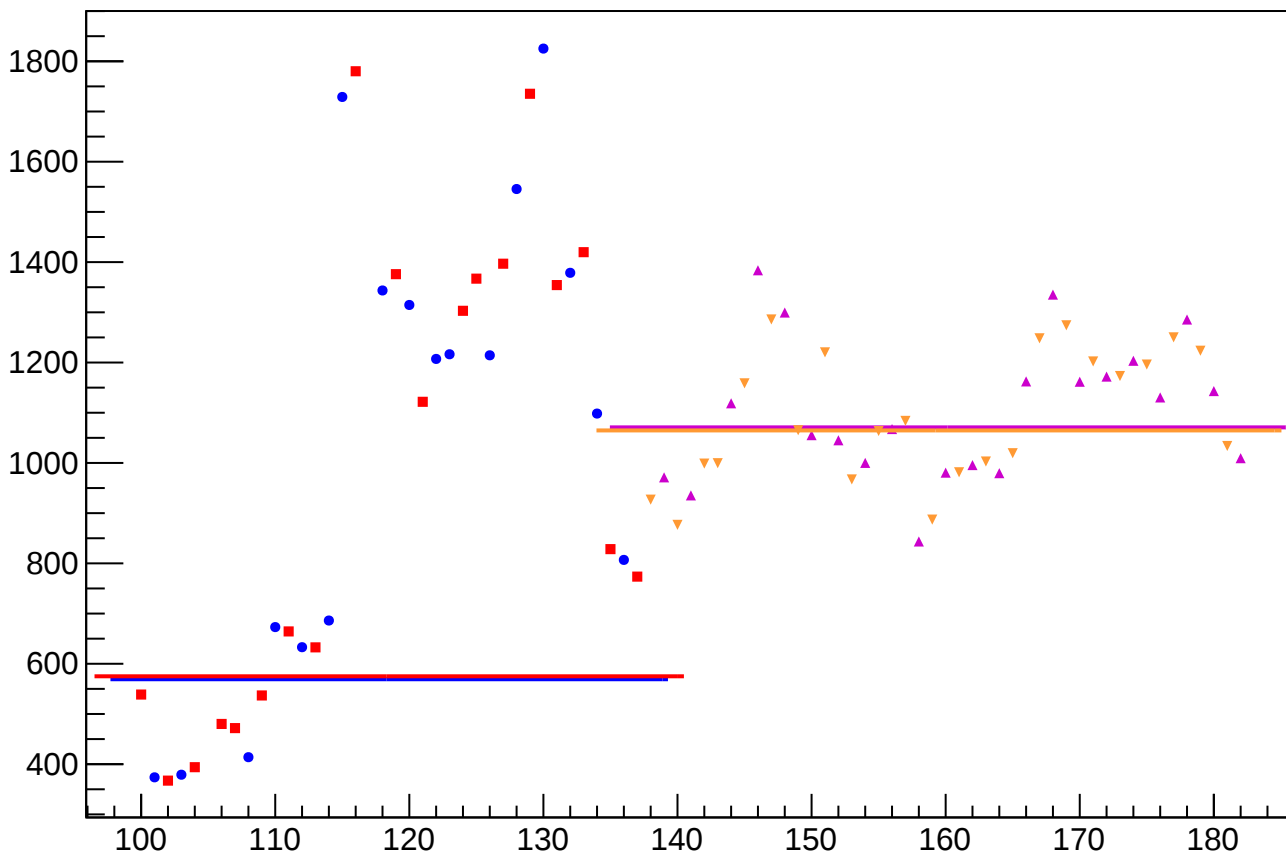
Right: 159.765 $\pm$ 175.557 χ^2/NDF : 33.1/35

In: 221.832 $\pm$ 181.051 χ^2/NDF : 50.6/38

Out: 238.416 $\pm$ 176.673 χ^2/NDF : 55.8/41

All: 230.327 $\pm$ 126.446 χ^2/NDF : 106.4/80

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1064.768 $\pm$ 0.181 χ^2 /NDF: 491039.4/22

Right Out: 575.051 $\pm$ 0.173 χ^2 /NDF: 3058923.3/18

Left In: 1070.833 $\pm$ 0.183 χ^2 /NDF: 522758.2/21

Left: 1067.763 $\pm$ 0.129 χ^2 /NDF: 1014351.1/44

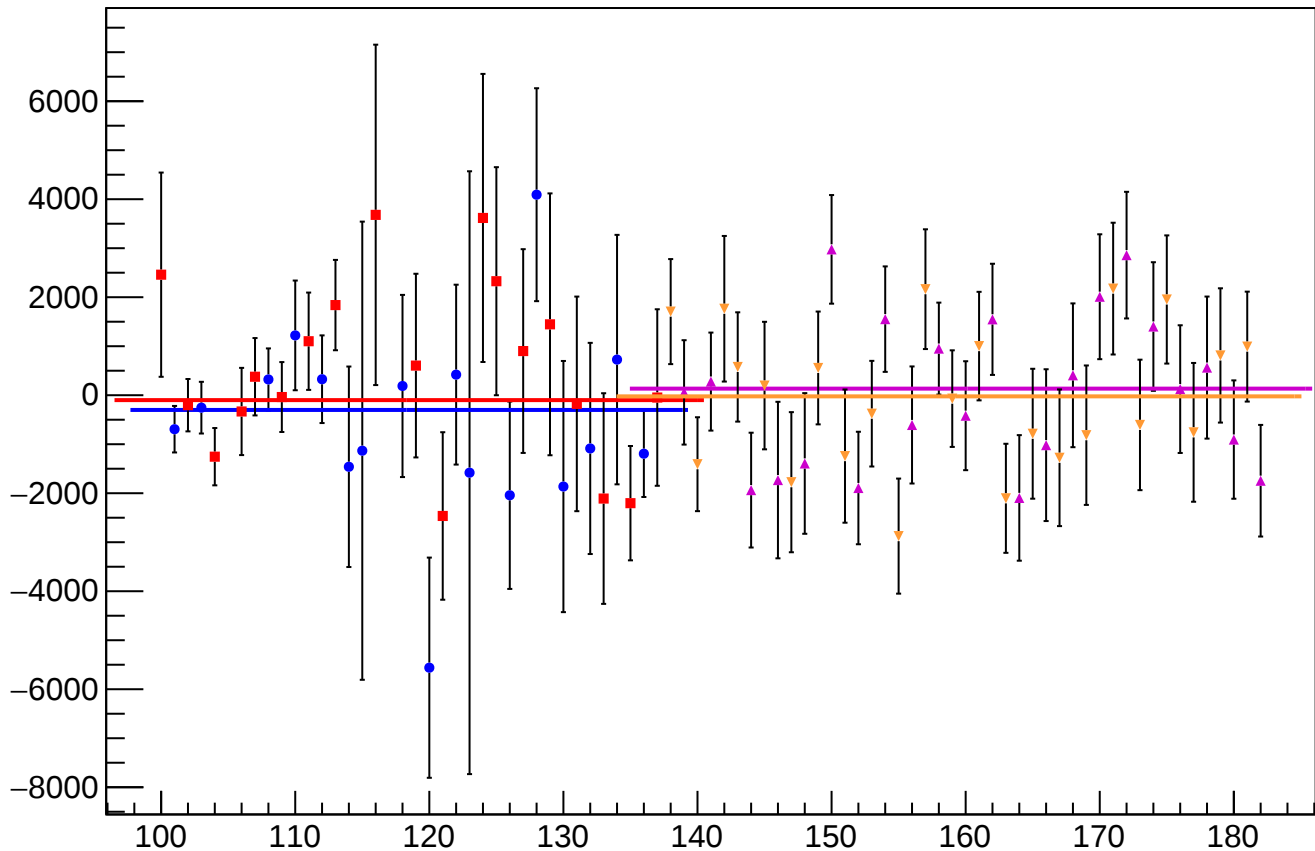
Right: 572.230 $\pm$ 0.124 χ^2 /NDF: 6326525.2/35

In: 813.576 $\pm$ 0.128 χ^2 /NDF: 7625587.8/38

Out: 807.953 $\pm$ 0.125 χ^2 /NDF: 7382471.5/41

All: 810.695 $\pm$ 0.089 χ^2 /NDF: 15009047.5/80

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 χ^2/NDF : 16.7/16

Left Out: -23.374 ± 253.142 χ^2/NDF : 30.6/22

Right Out: -99.947 ± 245.961 χ^2/NDF : 22.4/18

Left In: 134.433 ± 256.879 χ^2/NDF : 34.7/21

Left: 54.373 ± 180.305 χ^2/NDF : 65.6/44

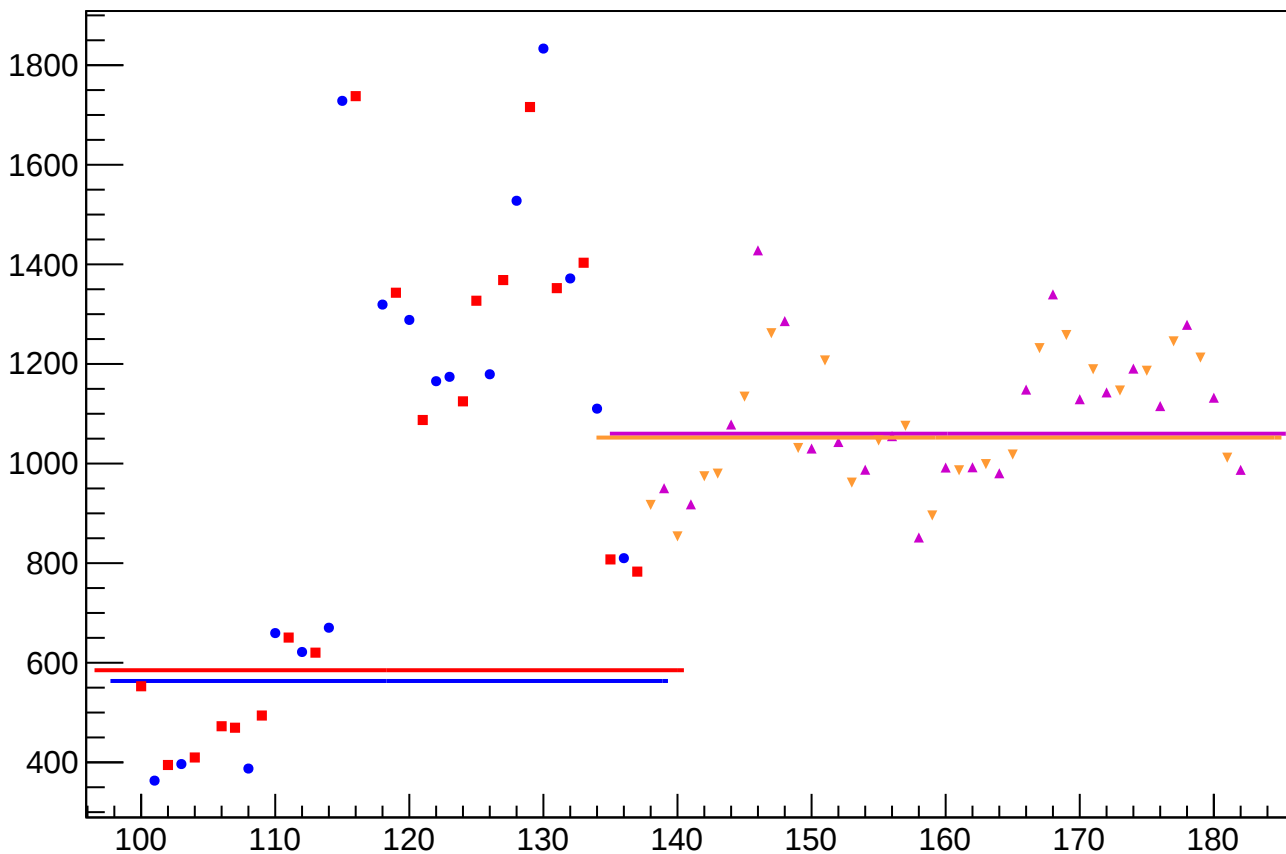
Right: -198.544 ± 175.435 χ^2/NDF : 39.4/35

In: -88.750 ± 179.270 χ^2/NDF : 52.9/38

Out: -62.762 ± 176.405 χ^2/NDF : 53.1/41

All: -75.547 ± 125.738 χ^2/NDF : 106.0/80

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1052.177+/-0.179 χ^2/NDF : 481581.9/22

Right Out: 584.984+/-0.174 χ^2/NDF : 2818628.0/18

Left In: 1059.946+/-0.182 χ^2/NDF : 527315.5/21

Left: 1056.004+/-0.127 χ^2/NDF : 1009825.5/44

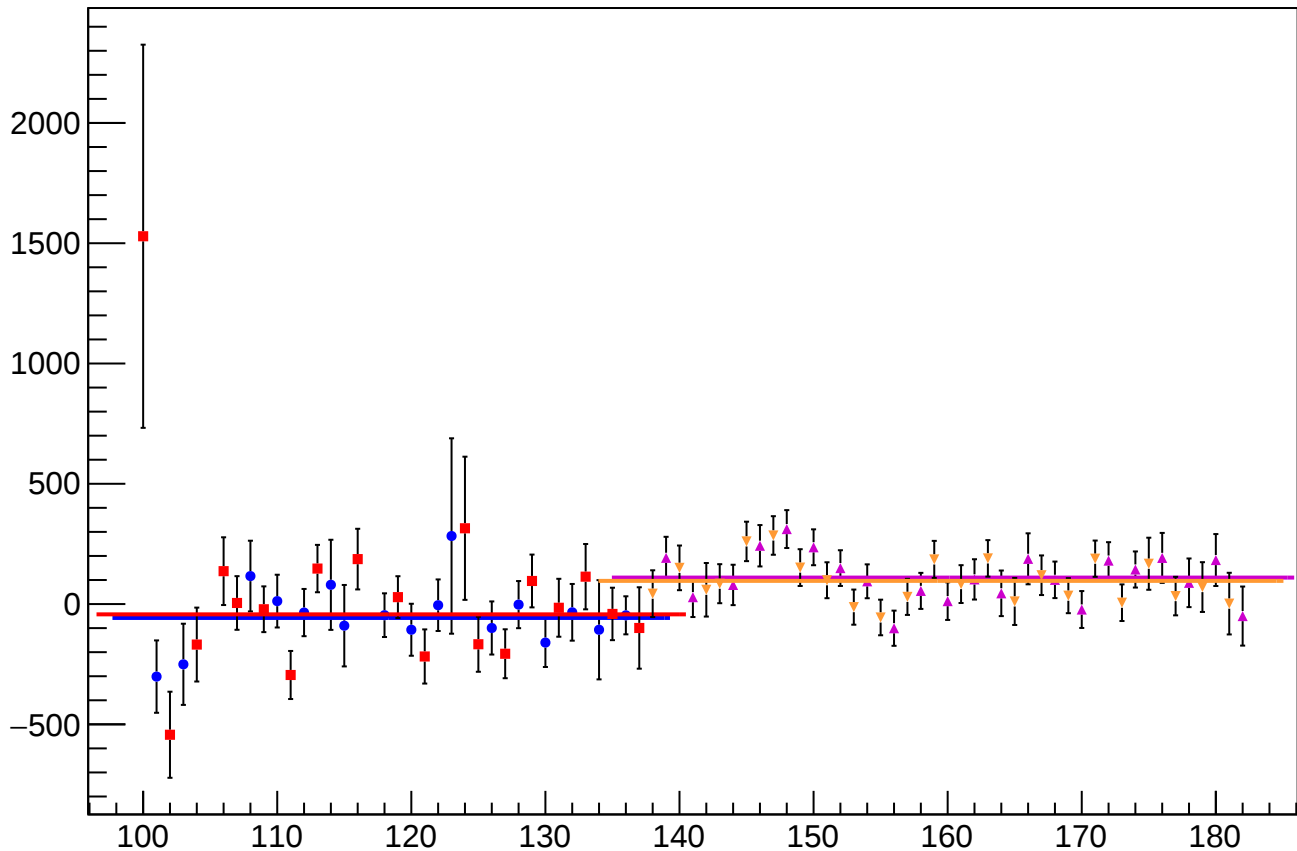
Right: 574.377+/-0.124 χ^2/NDF : 6085244.2/35

In: 805.232+/-0.127 χ^2/NDF : 7619828.5/38

Out: 811.859+/-0.125 χ^2/NDF : 6804359.3/41

All: 808.599+/-0.089 χ^2/NDF : 14425576.2/80

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 $\pm$ 28.693 χ^2 /NDF: 9.1/16

Left Out: 96.401 $\pm$ 17.289 χ^2 /NDF:27.1/22

Right Out: -42.790 $\pm$ 27.694 χ^2 /NDF: 39.1/18

Left In: 110.052 $\pm$ 17.721 χ^2 /NDF:32.4/21

Left: 103.058 $\pm$ 12.375 χ^2 /NDF: 59.8/44

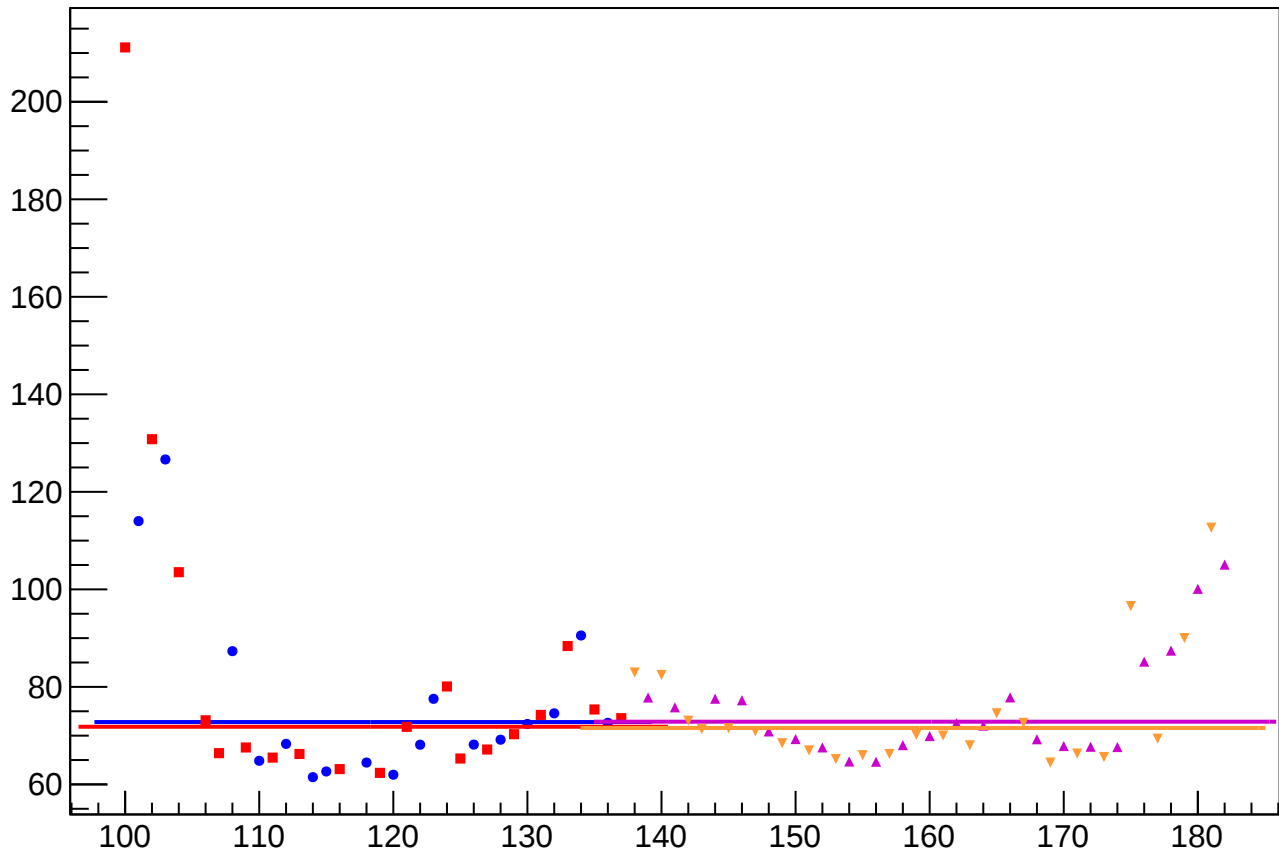
Right: -49.985 $\pm$ 19.927 χ^2 /NDF: 48.4/35

In: 63.730 $\pm$ 15.077 χ^2 /NDF:66.3/38

Out: 57.367 $\pm$ 14.666 χ^2 /NDF:84.4/41

All: 60.460 $\pm$ 10.513 χ^2 /NDF: 150.7/80

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.572 $\pm$ 0.012 χ^2 /NDF: 529281.6/22

Right Out: 71.824 $\pm$ 0.020 χ^2 /NDF: 465654.1/18

Left In: 72.861 $\pm$ 0.013 χ^2 /NDF: 470561.1/21

Left: 72.201 $\pm$ 0.009 χ^2 /NDF: 1005260.7/44

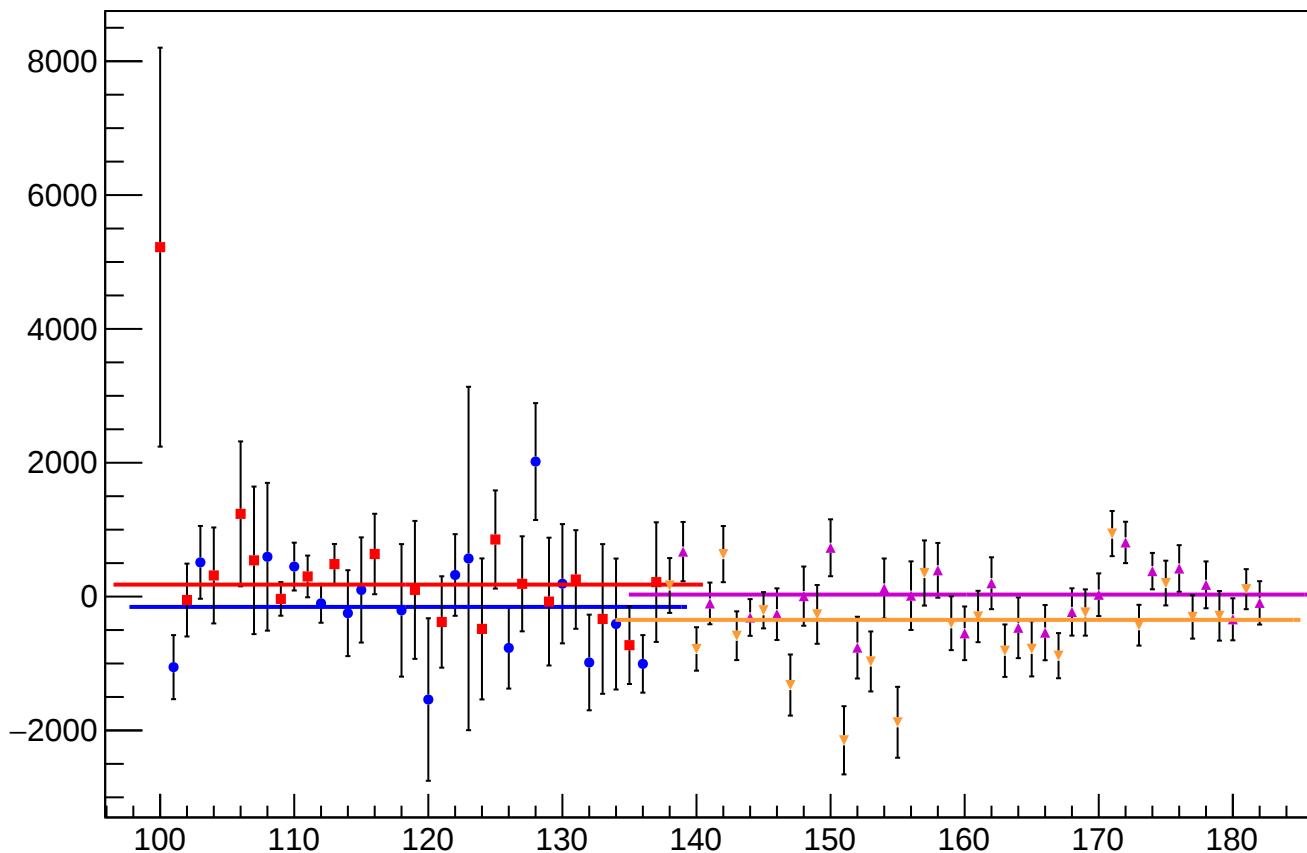
Right: 72.290 $\pm$ 0.014 χ^2 /NDF: 931600.5/35

In: 72.841 $\pm$ 0.011 χ^2 /NDF: 935343.0/38

Out: 71.643 $\pm$ 0.010 χ^2 /NDF: 995054.2/41

All: 72.226 $\pm$ 0.007 χ^2 /NDF: 1936889.8/80

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 χ^2/NDF : 23.2/16

Left Out: -347.932 ± 77.171 χ^2/NDF : 63.9/22

Right Out: 179.068 ± 126.107 χ^2/NDF : 11.3/18

Left In: 30.029 ± 77.393 χ^2/NDF : 27.8/21

Left: -159.494 ± 54.647 χ^2/NDF : 103.6/44

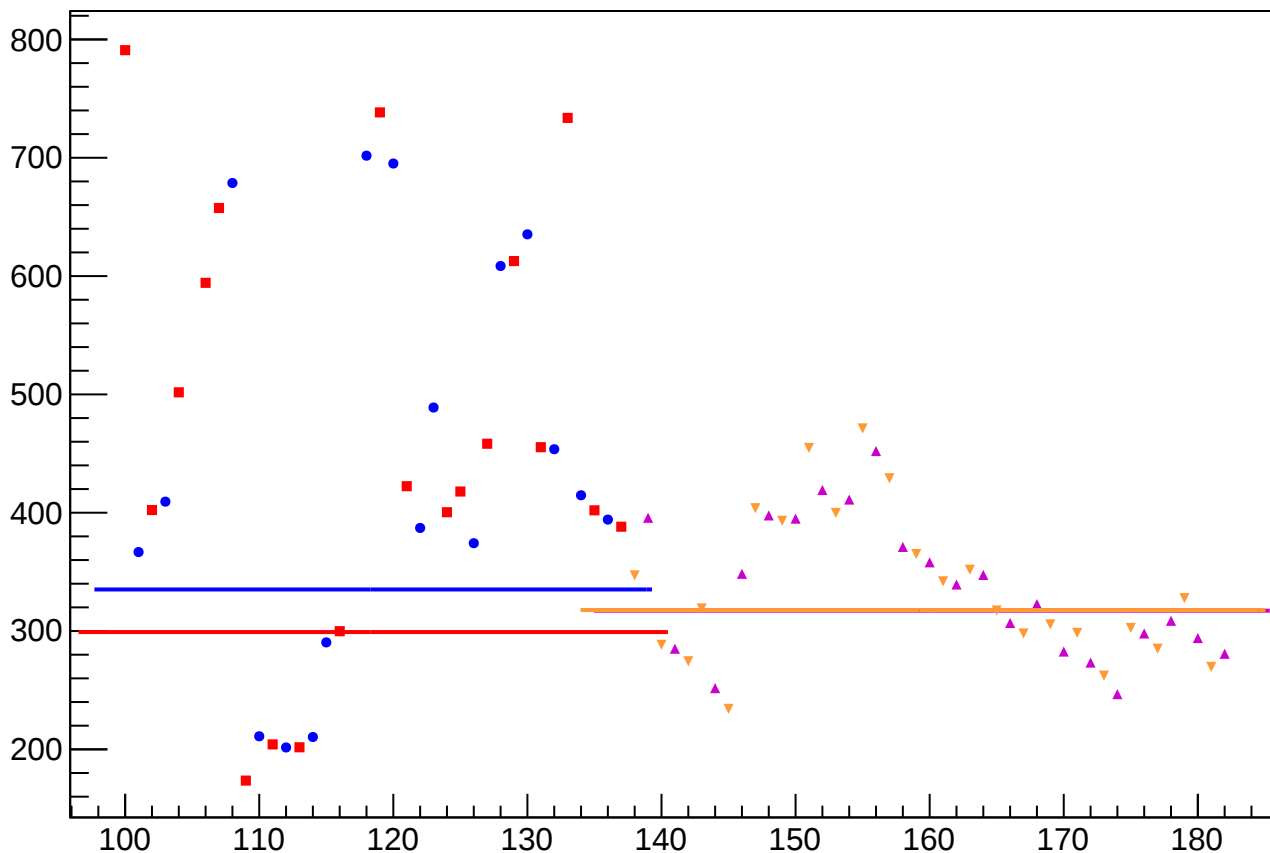
Right: 30.517 ± 93.908 χ^2/NDF : 37.6/35

In: -12.811 ± 67.812 χ^2/NDF : 52.3/38

Out: -204.350 ± 65.824 χ^2/NDF : 87.8/41

All: -111.428 ± 47.232 χ^2/NDF : 144.2/80

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134+/-0.099 χ^2/NDF : 1994045.2/16

Left Out: 317.754+/-0.055 χ^2/NDF : 1063117.0/22

Right Out: 299.135+/-0.089 χ^2/NDF : 2831089.8/18

Left In: 317.215+/-0.055 χ^2/NDF : 982400.0/21

Left: 317.485+/-0.039 χ^2/NDF : 2045565.6/44

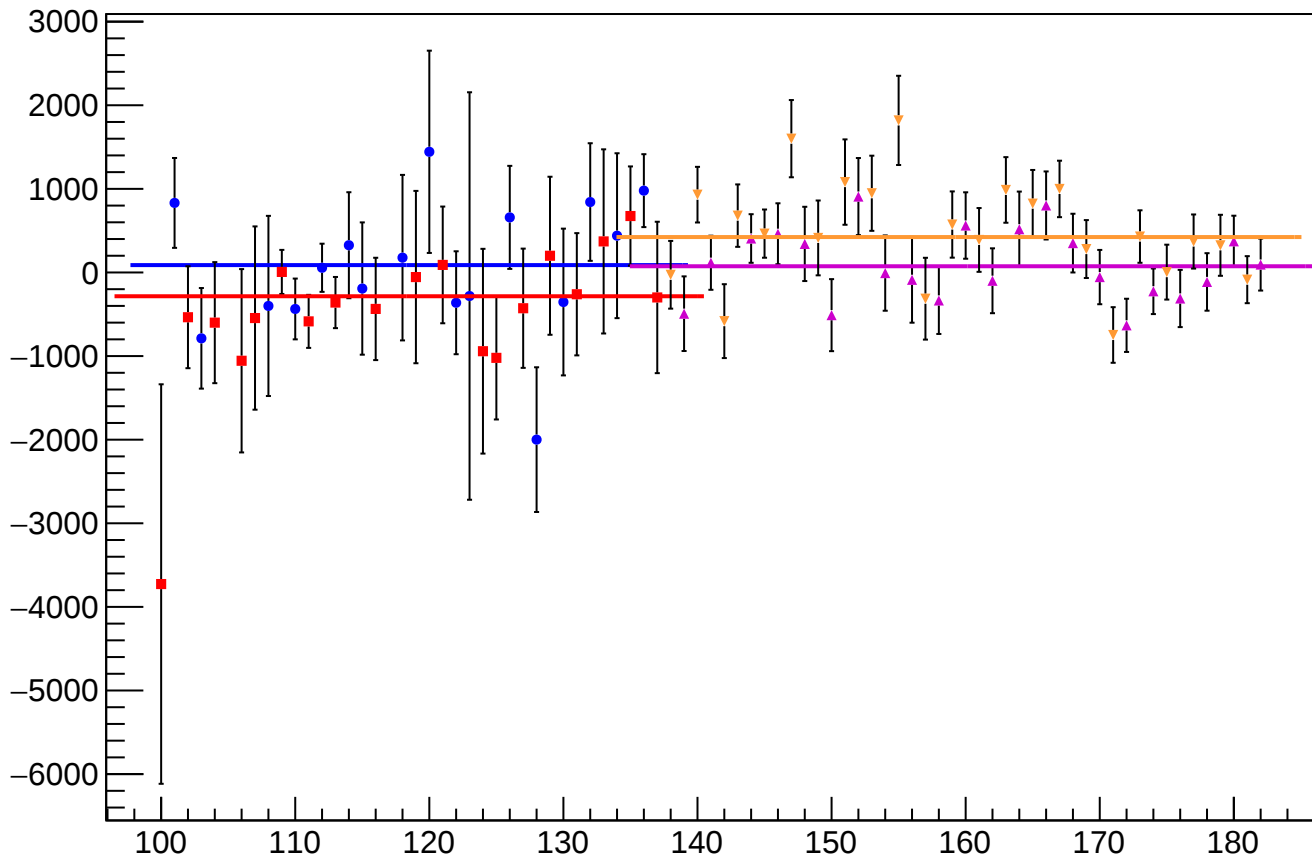
Right: 315.172+/-0.066 χ^2/NDF : 4897737.2/35

In: 321.378+/-0.048 χ^2/NDF : 3001349.0/38

Out: 312.681+/-0.047 χ^2/NDF : 3925925.0/41

All: 316.900+/-0.033 χ^2/NDF : 6944209.7/80

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115 $\pm$ 143.018 χ^2 /NDF: 20.8/16

Left Out: 423.510 $\pm$ 77.431 χ^2 /NDF:51.5/22

Right Out: -284.510 $\pm$ 129.675 χ^2 /NDF: 10.1/18

Left In: 74.292 $\pm$ 77.405 χ^2 /NDF:26.0/21

Left: 248.843 $\pm$ 54.743 χ^2 /NDF: 87.7/44

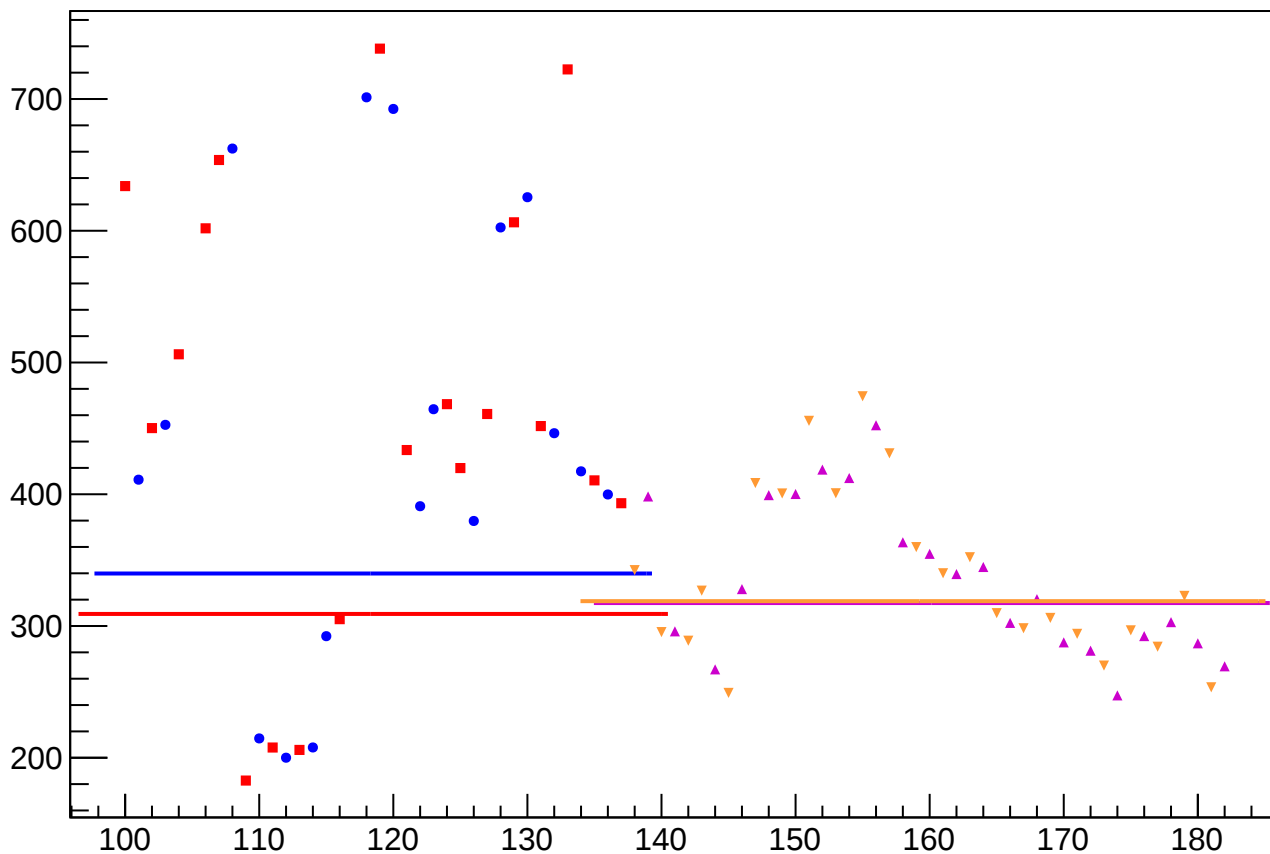
Right: -116.387 $\pm$ 96.066 χ^2 /NDF: 34.7/35

In: 77.424 $\pm$ 68.074 χ^2 /NDF:46.8/38

Out: 237.417 $\pm$ 66.481 χ^2 /NDF:83.7/41

All: 159.315 $\pm$ 47.562 χ^2 /NDF: 133.3/80

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 $\pm$ 0.101 χ^2/NDF : 2043522.4/16

Left Out: 318.860 $\pm$ 0.055 χ^2/NDF : 1023981.0/22

Right Out: 309.158 $\pm$ 0.092 χ^2/NDF : 2735887.4/18

Left In: 317.431 $\pm$ 0.055 χ^2/NDF : 919305.4/21

Left: 318.145 $\pm$ 0.039 χ^2/NDF : 1943627.0/44

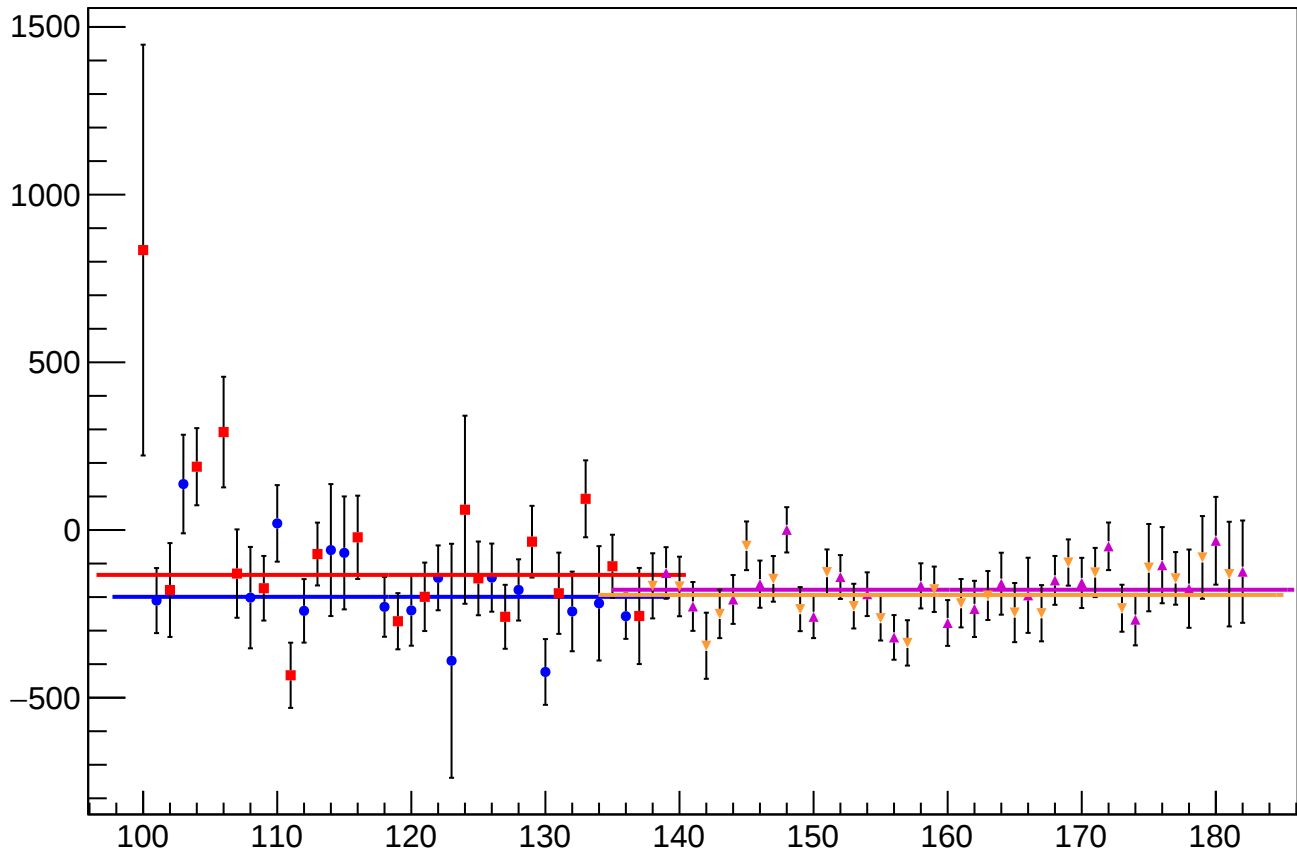
Right: 323.006 $\pm$ 0.068 χ^2/NDF : 4829958.1/35

In: 322.510 $\pm$ 0.048 χ^2/NDF : 3000837.1/38

Out: 316.310 $\pm$ 0.047 χ^2/NDF : 3768120.6/41

All: 319.337 $\pm$ 0.034 χ^2/NDF : 6777450.0/80

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -193.620 ± 16.117 $\chi^2/\text{NDF}: 20.8/22$

Right Out: -133.844 ± 26.228 $\chi^2/\text{NDF}: 39.2/18$

Left In: -178.090 ± 16.501 $\chi^2/\text{NDF}: 24.0/21$

Left: -186.038 ± 11.530 $\chi^2/\text{NDF}: 45.3/44$

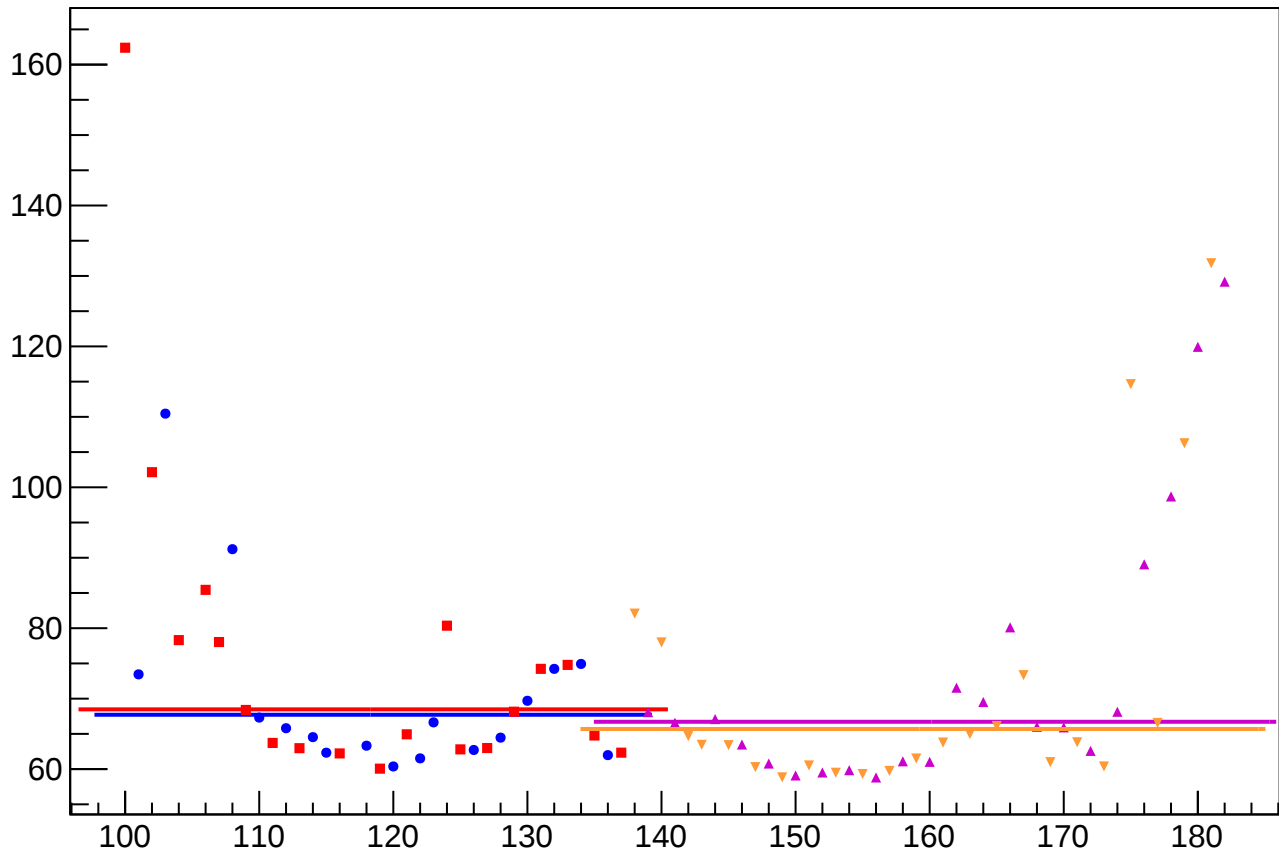
Right: -166.192 ± 18.647 $\chi^2/\text{NDF}: 59.8/35$

In: -183.997 ± 14.010 $\chi^2/\text{NDF}: 42.1/38$

Out: -177.235 ± 13.732 $\chi^2/\text{NDF}: 63.7/41$

All: -180.549 ± 9.807 $\chi^2/\text{NDF}: 105.9/80$

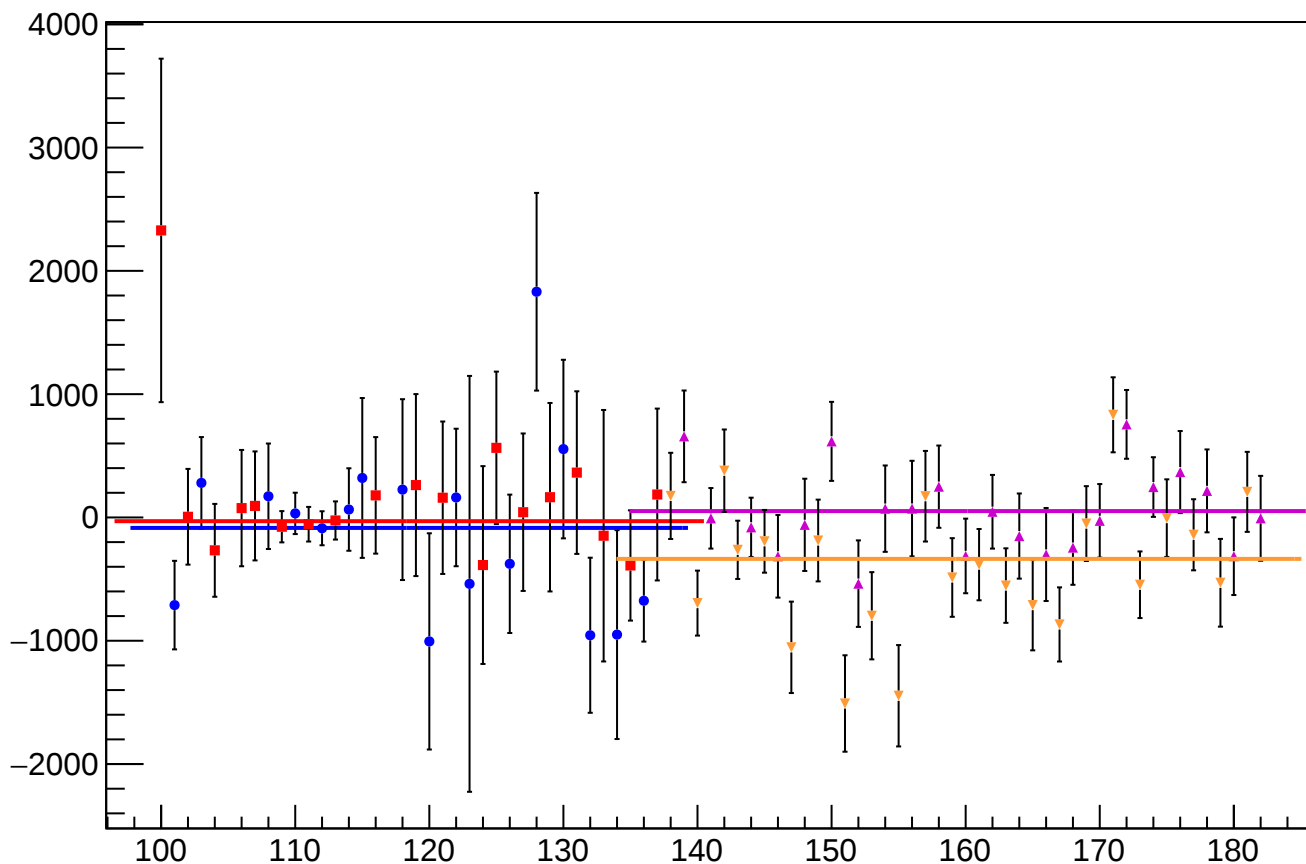
dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 ± 0.019 $\chi^2/\text{NDF}: 282892.5/16$
 Left Out: 65.693 ± 0.011 $\chi^2/\text{NDF}: 1103129.9/22$
 Right Out: 68.481 ± 0.019 $\chi^2/\text{NDF}: 281423.4/18$
 Left In: 66.718 ± 0.012 $\chi^2/\text{NDF}: 1090616.0/21$

Left: 66.193 ± 0.008 $\chi^2/\text{NDF}: 2197696.2/44$
 Right: 68.102 ± 0.013 $\chi^2/\text{NDF}: 565158.7/35$
 In: 66.996 ± 0.010 $\chi^2/\text{NDF}: 1375549.5/38$
 Out: 66.457 ± 0.010 $\chi^2/\text{NDF}: 1400961.9/41$
 All: 66.721 ± 0.007 $\chi^2/\text{NDF}: 2778023.2/80$

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -335.984 ± 65.196 $\chi^2/\text{NDF}: 58.7/22$

Right Out: -30.219 ± 69.663 $\chi^2/\text{NDF}: 6.3/18$

Left In: 51.691 ± 66.673 $\chi^2/\text{NDF}: 23.8/21$

Left: -146.489 ± 46.614 $\chi^2/\text{NDF}: 99.8/44$

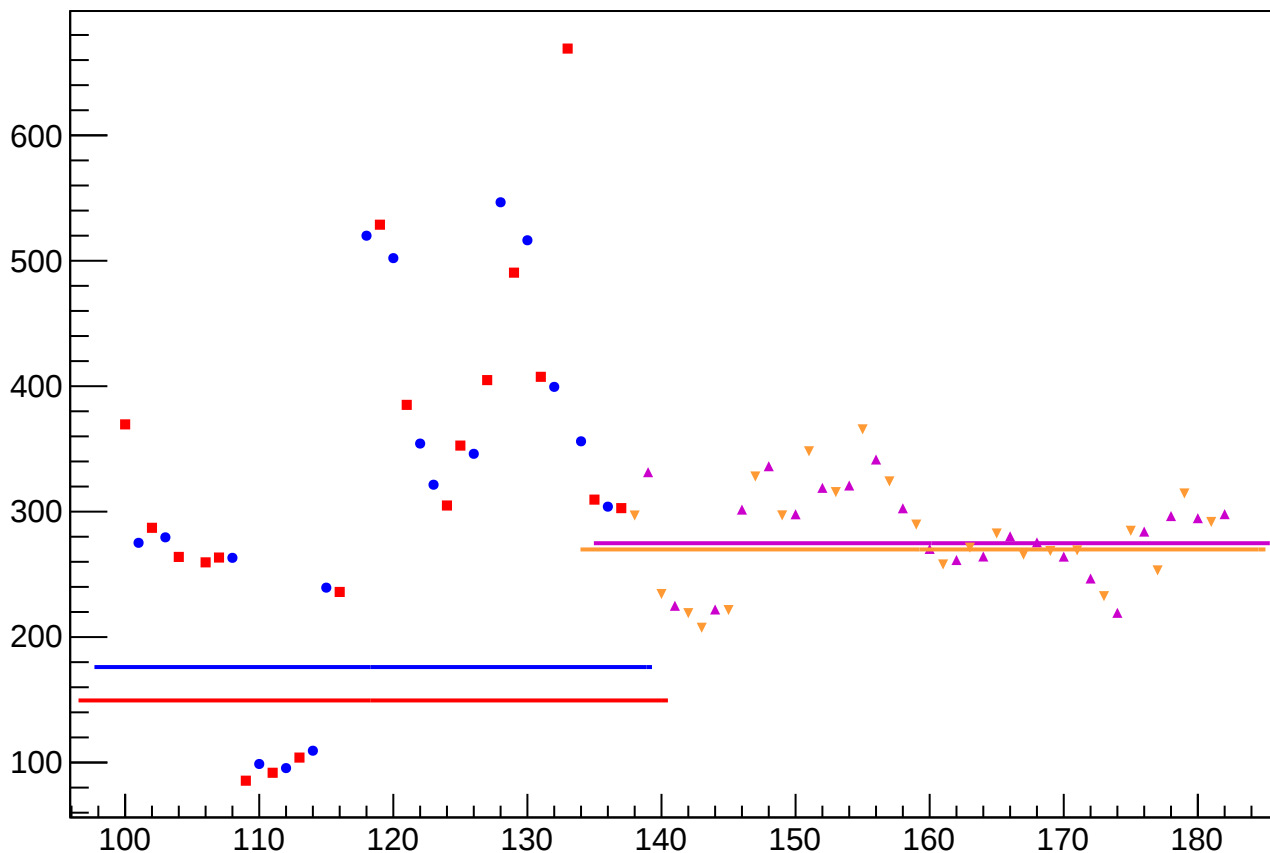
Right: -52.867 ± 53.271 $\chi^2/\text{NDF}: 26.5/35$

In: -2.086 ± 51.897 $\chi^2/\text{NDF}: 45.4/38$

Out: -193.219 ± 47.601 $\chi^2/\text{NDF}: 75.3/41$

All: -105.889 ± 35.080 $\chi^2/\text{NDF}: 128.0/80$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096 $\pm$ 0.058 χ^2/NDF : 4223651.6/16

Left Out: 269.856 $\pm$ 0.046 χ^2/NDF : 738383.6/22

Right Out: 149.484 $\pm$ 0.049 χ^2/NDF : 4820971.0/18

Left In: 274.833 $\pm$ 0.047 χ^2/NDF : 603740.6/21

Left: 272.288 $\pm$ 0.033 χ^2/NDF : 1347821.3/44

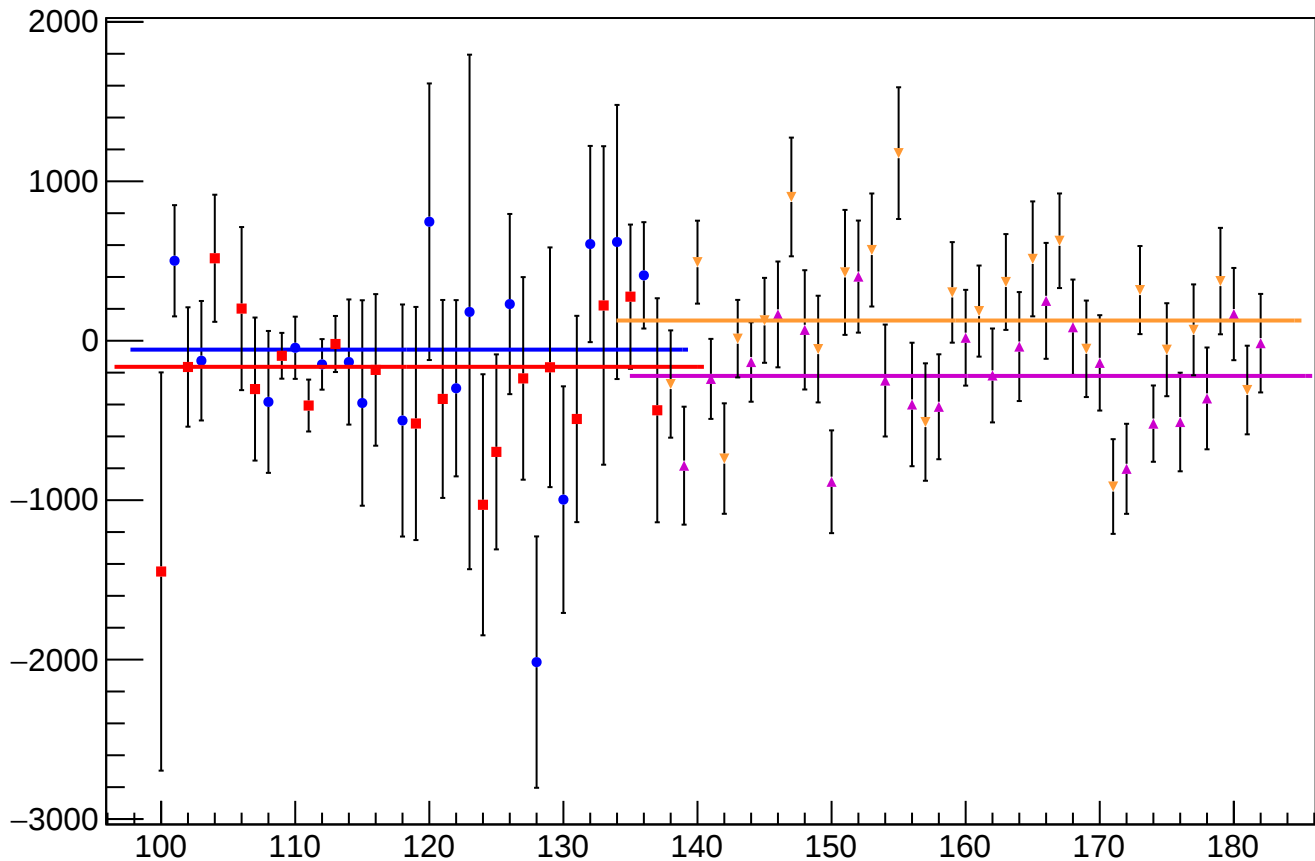
Right: 160.534 $\pm$ 0.038 χ^2/NDF : 9165825.3/35

In: 235.919 $\pm$ 0.037 χ^2/NDF : 6556037.2/38

Out: 213.652 $\pm$ 0.034 χ^2/NDF : 8742659.3/41

All: 223.826 $\pm$ 0.025 χ^2/NDF : 15498655.4/80

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 126.889 ± 64.472 $\chi^2/\text{NDF}: 47.6/22$

Right Out: -163.564 ± 76.926 $\chi^2/\text{NDF}: 11.4/18$

Left In: -220.583 ± 65.788 $\chi^2/\text{NDF}: 25.2/21$

Left: -43.337 ± 46.047 $\chi^2/\text{NDF}: 87.0/44$

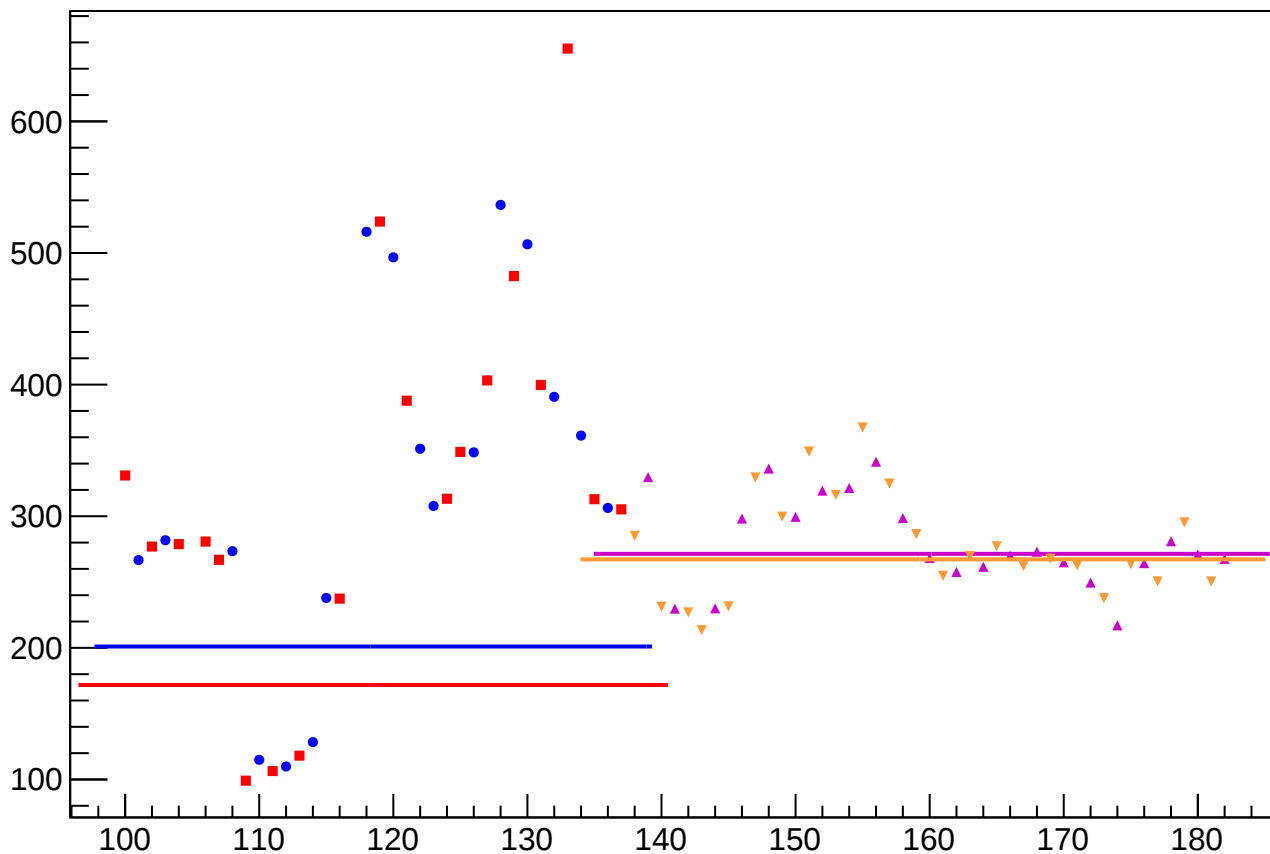
Right: -118.372 ± 58.632 $\chi^2/\text{NDF}: 29.4/35$

In: -163.644 ± 53.228 $\chi^2/\text{NDF}: 44.5/38$

Out: 7.047 ± 49.413 $\chi^2/\text{NDF}: 67.4/41$

All: -71.962 ± 36.214 $\chi^2/\text{NDF}: 117.5/80$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2 /NDF: 3433026.4/16

Left Out: 267.202 $\pm$ 0.046 χ^2 /NDF: 636870.4/22

Right Out: 171.765 $\pm$ 0.054 χ^2 /NDF: 4098218.1/18

Left In: 271.439 $\pm$ 0.047 χ^2 /NDF: 530894.1/21

Left: 269.278 $\pm$ 0.033 χ^2 /NDF: 1171997.5/44

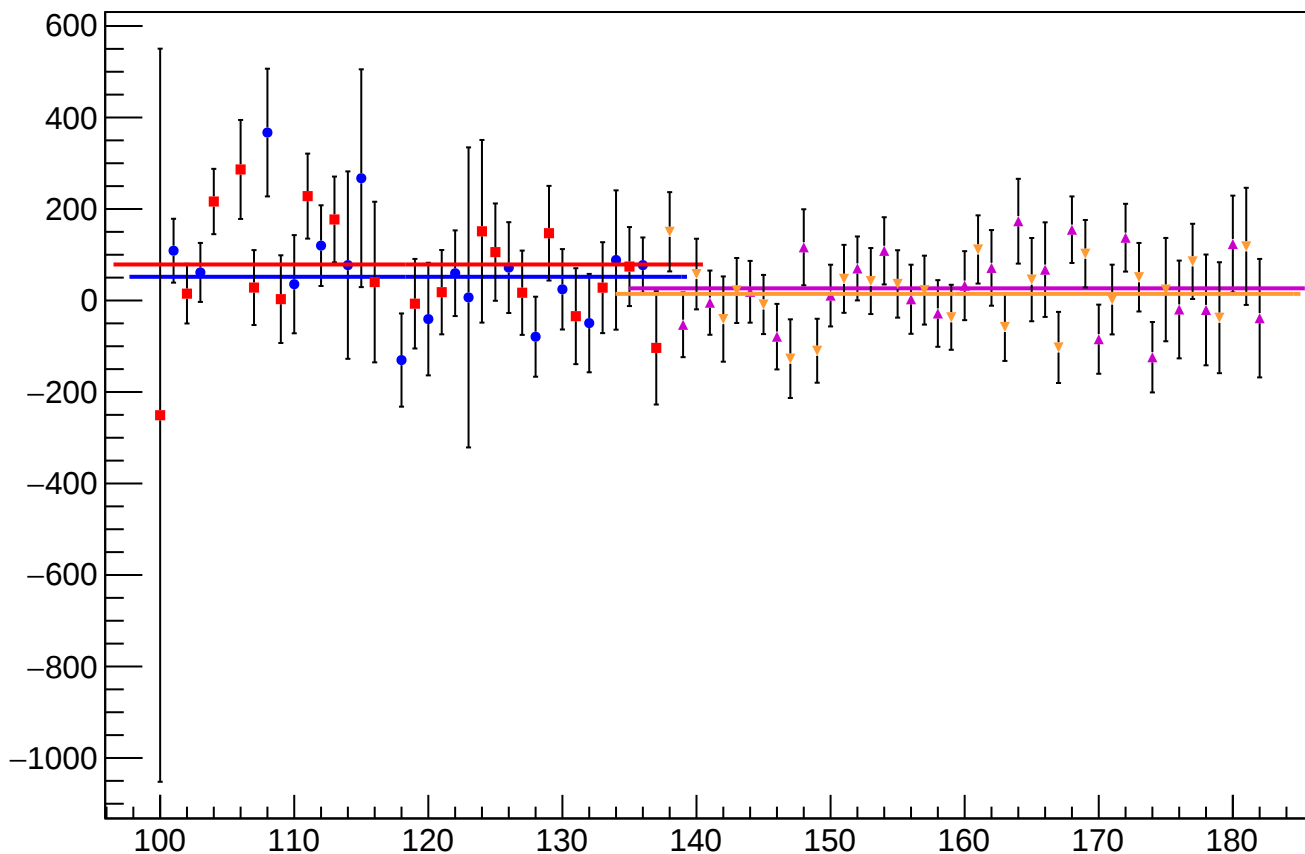
Right: 184.032 $\pm$ 0.041 χ^2 /NDF: 7652597.2/35

In: 247.124 $\pm$ 0.038 χ^2 /NDF: 4754986.3/38

Out: 227.824 $\pm$ 0.035 χ^2 /NDF: 6543282.9/41

All: 236.758 $\pm$ 0.026 χ^2 /NDF: 11439491.7/80

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 14.545 $\pm$ 16.525 χ^2 /NDF:18.4/22

Right Out: 78.749 $\pm$ 22.490 χ^2 /NDF: 19.1/18

Left In: 26.582 $\pm$ 16.933 χ^2 /NDF:22.9/21

Left: 20.417 $\pm$ 11.827 χ^2 /NDF: 41.6/44

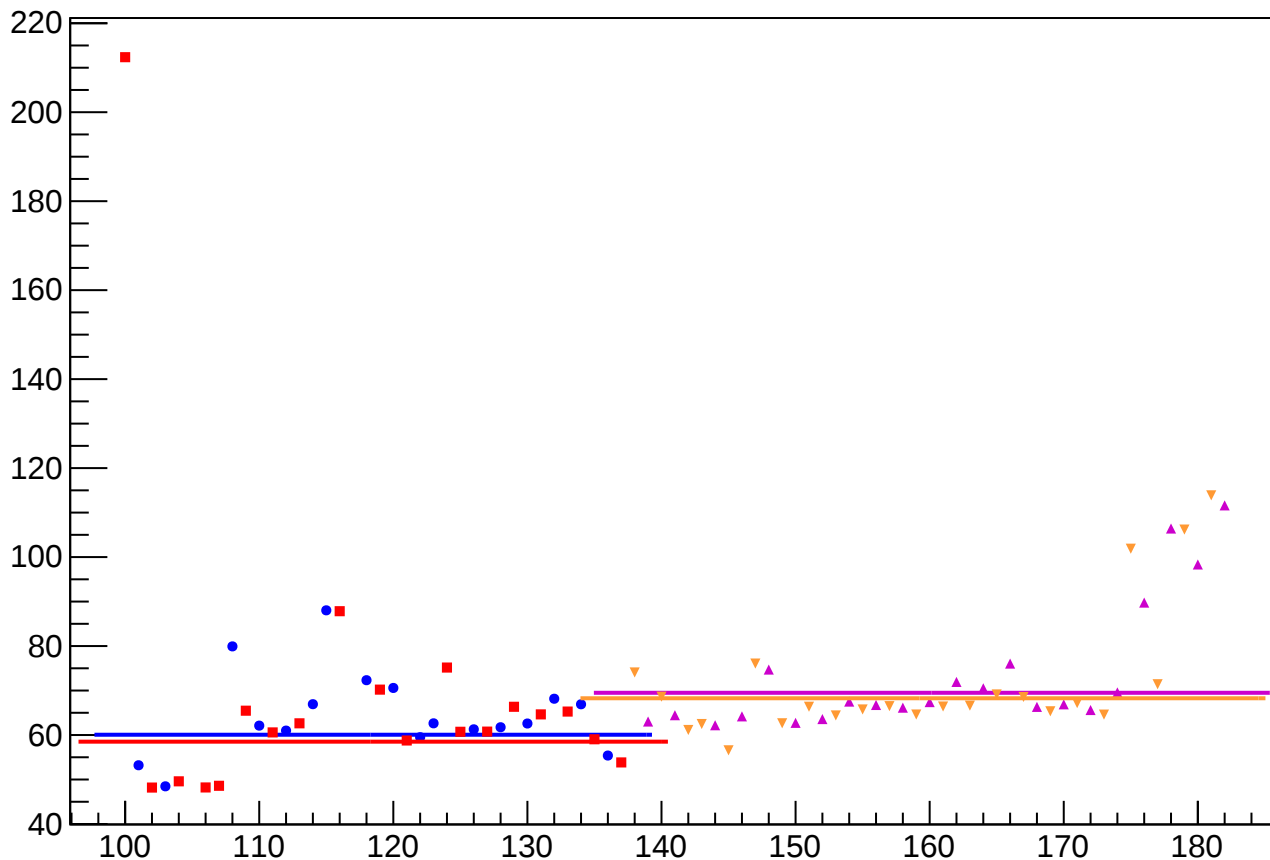
Right: 65.887 $\pm$ 16.261 χ^2 /NDF: 34.4/35

In: 35.182 $\pm$ 13.746 χ^2 /NDF:38.2/38

Out: 37.054 $\pm$ 13.317 χ^2 /NDF:42.8/41

All: 36.148 $\pm$ 9.564 χ^2 /NDF: 81.0/80

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2 /NDF: 229098.7/16

Left Out: 68.262 $\pm$ 0.012 χ^2 /NDF: 785092.2/22

Right Out: 58.508 $\pm$ 0.016 χ^2 /NDF: 348822.3/18

Left In: 69.494 $\pm$ 0.012 χ^2 /NDF: 753428.2/21

Left: 68.863 $\pm$ 0.008 χ^2 /NDF: 1543939.9/44

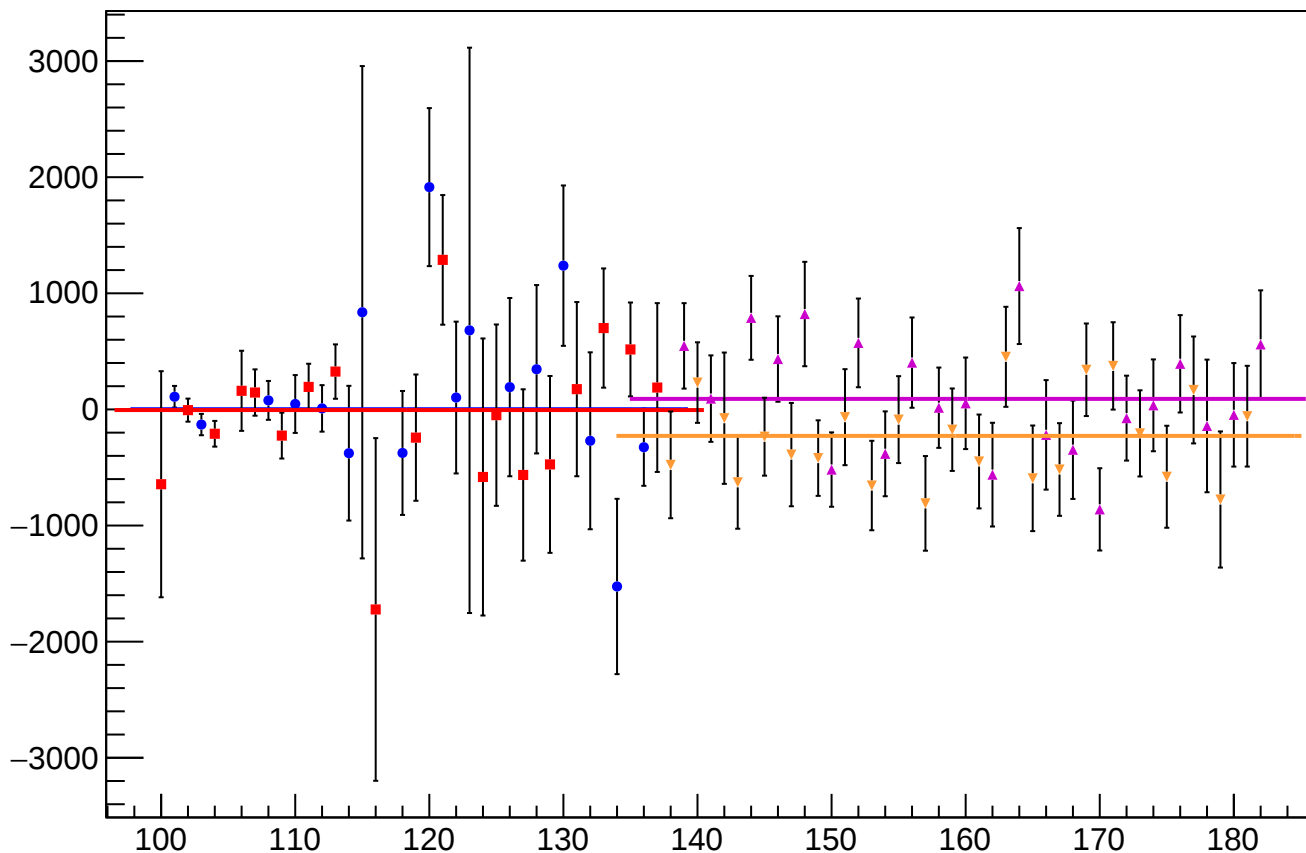
Right: 59.251 $\pm$ 0.011 χ^2 /NDF: 582496.2/35

In: 66.278 $\pm$ 0.010 χ^2 /NDF: 1193976.9/38

Out: 64.842 $\pm$ 0.009 χ^2 /NDF: 1378192.8/41

All: 65.537 $\pm$ 0.007 χ^2 /NDF: 2583427.4/80

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -227.895 $\pm$ 84.248 χ^2 /NDF:18.2/22

Right Out: -5.402 $\pm$ 56.516 χ^2 /NDF: 20.7/18

Left In: 90.766 $\pm$ 84.681 χ^2 /NDF:33.0/21

Left: -69.380 $\pm$ 59.725 χ^2 /NDF: 58.3/44

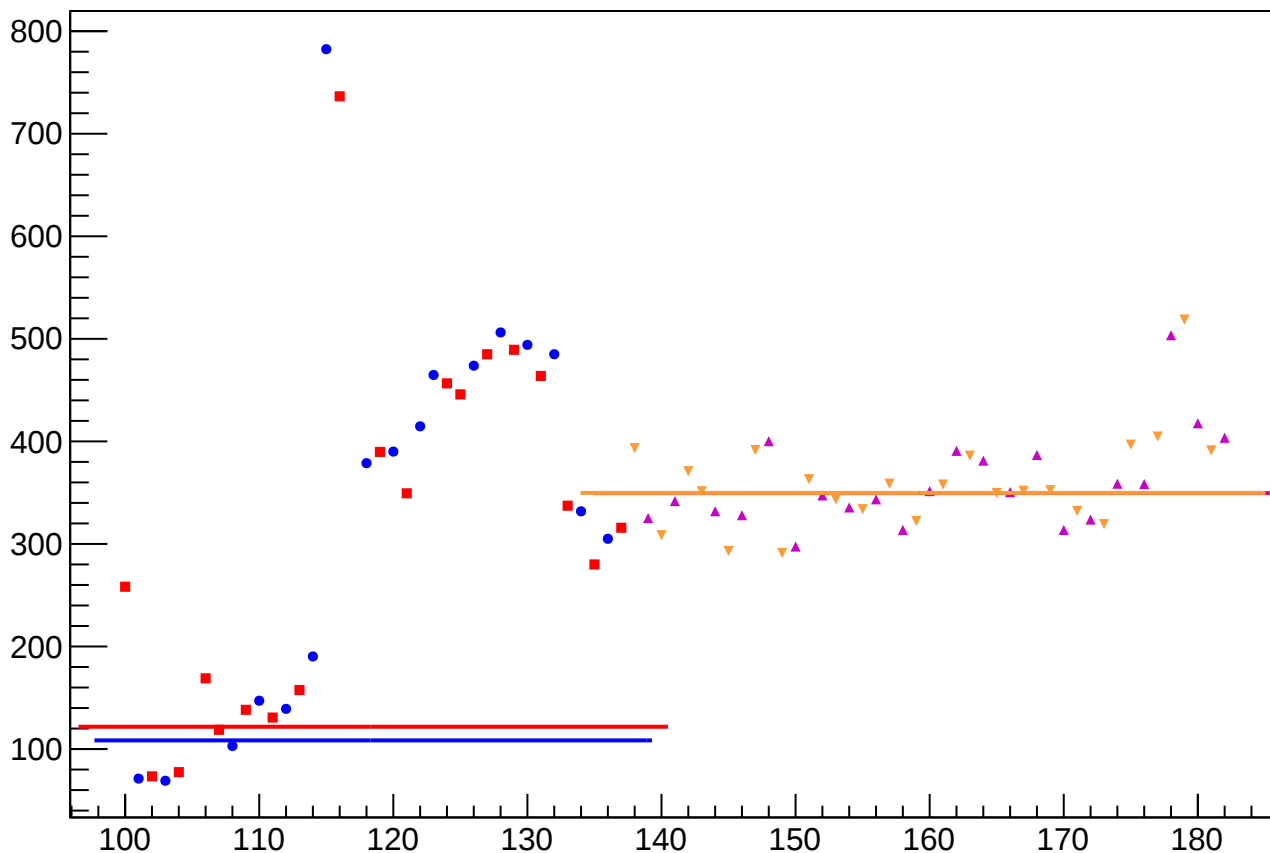
Right: -1.770 $\pm$ 39.150 χ^2 /NDF: 42.1/35

In: 27.556 $\pm$ 45.700 χ^2 /NDF:55.2/38

Out: -74.452 $\pm$ 46.934 χ^2 /NDF:43.6/41

All: -22.090 $\pm$ 32.742 χ^2 /NDF: 101.3/80

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445 $\pm$ 0.038 χ^2 /NDF: 5404107.9/16

Left Out: 349.782 $\pm$ 0.060 χ^2 /NDF: 476636.5/22

Right Out: 121.765 $\pm$ 0.040 χ^2 /NDF: 4771024.2/18

Left In: 349.604 $\pm$ 0.060 χ^2 /NDF: 416380.1/21

Left: 349.693 $\pm$ 0.042 χ^2 /NDF: 893021.0/44

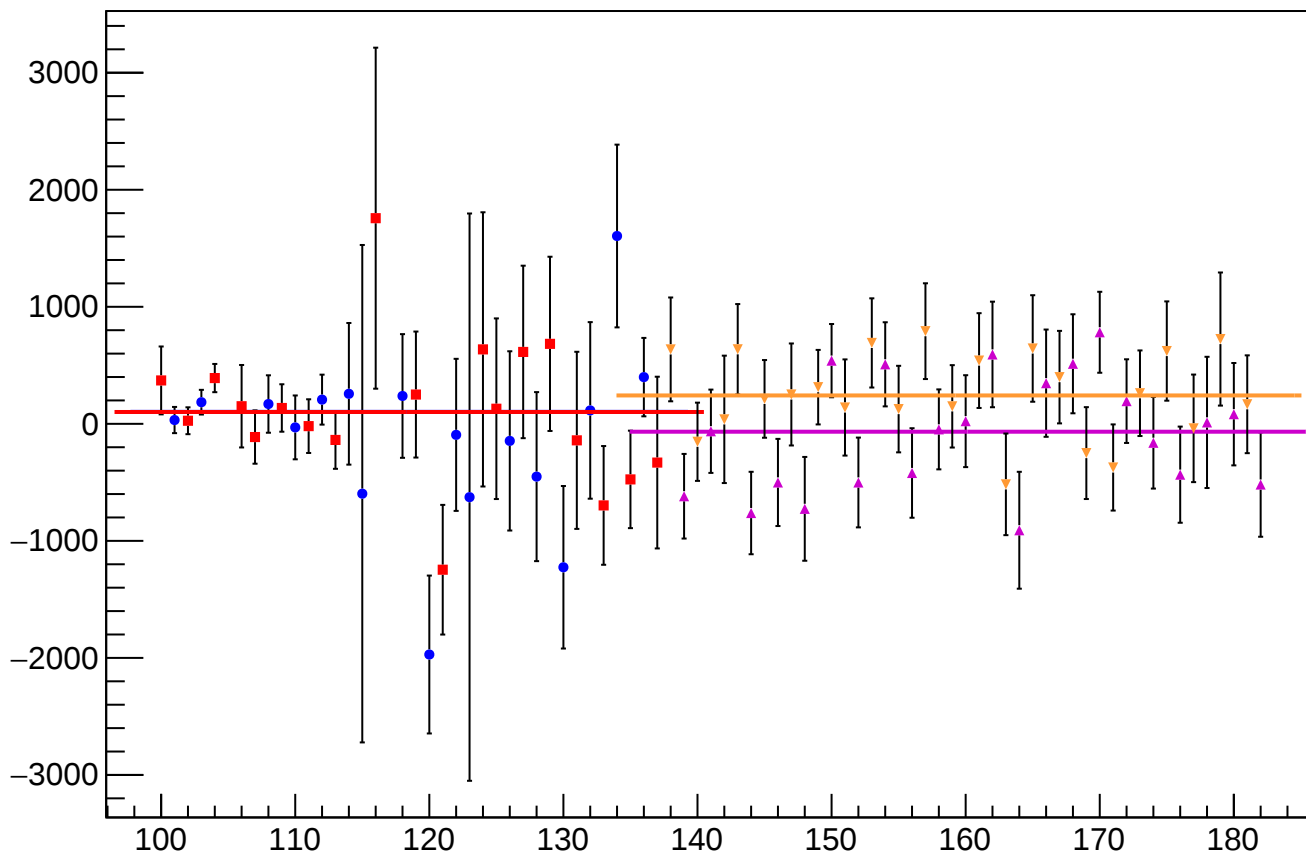
Right: 114.837 $\pm$ 0.028 χ^2 /NDF: 10232914.9/35

In: 178.683 $\pm$ 0.032 χ^2 /NDF: 17316819.9/38

Out: 192.530 $\pm$ 0.033 χ^2 /NDF: 15351161.6/41

All: 185.422 $\pm$ 0.023 χ^2 /NDF: 32757341.7/80

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 242.581 $\pm$ 82.878 χ^2 /NDF:17.7/22

Right Out: 101.249 $\pm$ 60.846 χ^2 /NDF: 22.6/18

Left In: -67.336 $\pm$ 83.366 χ^2 /NDF:34.6/21

Left: 88.531 $\pm$ 58.775 χ^2 /NDF: 59.2/44

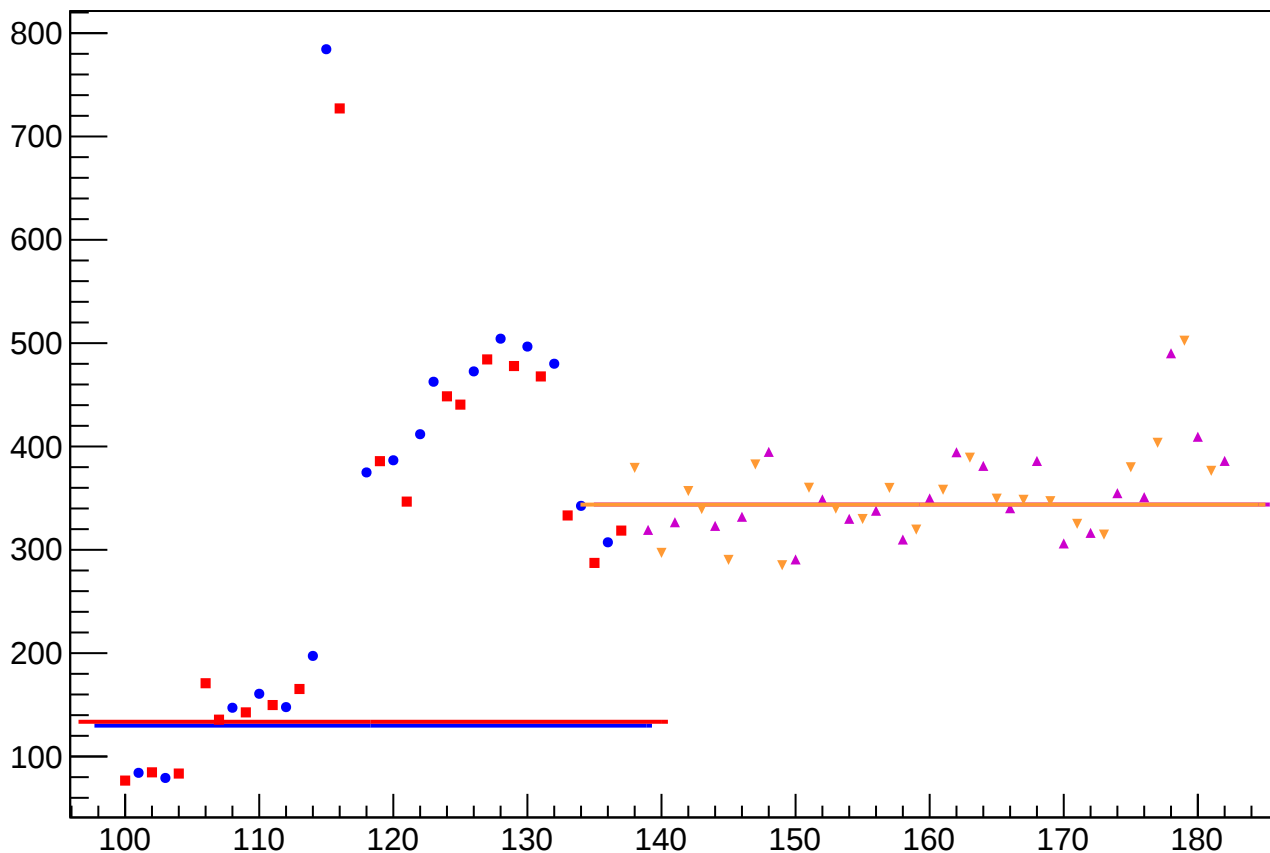
Right: 101.717 $\pm$ 43.809 χ^2 /NDF: 42.9/35

In: 40.428 $\pm$ 50.327 χ^2 /NDF:57.5/38

Out: 150.746 $\pm$ 49.047 χ^2 /NDF:42.2/41

All: 97.008 $\pm$ 35.125 χ^2 /NDF: 102.1/80

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884 $\pm$ 0.045 χ^2/NDF : 4829521.2/16

Left Out: 343.764 $\pm$ 0.059 χ^2/NDF : 466969.4/22

Right Out: 133.604 $\pm$ 0.043 χ^2/NDF : 4363378.8/18

Left In: 343.832 $\pm$ 0.059 χ^2/NDF : 423912.1/21

Left: 343.798 $\pm$ 0.042 χ^2/NDF : 890882.1/44

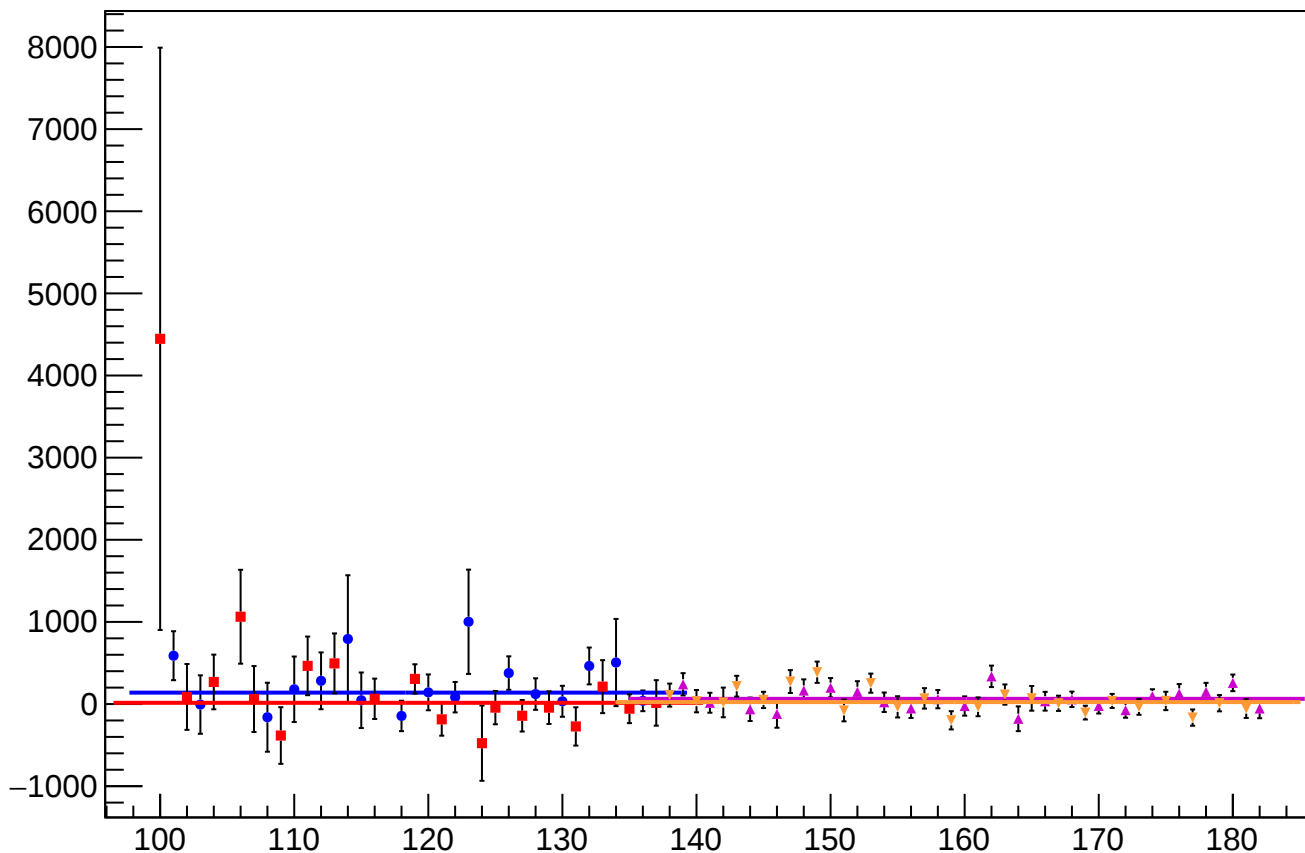
Right: 131.813 $\pm$ 0.031 χ^2/NDF : 9196501.4/35

In: 207.854 $\pm$ 0.036 χ^2/NDF : 13625454.9/38

Out: 207.207 $\pm$ 0.035 χ^2/NDF : 13186646.5/41

All: 207.522 $\pm$ 0.025 χ^2/NDF : 26812270.9/80

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 139.093 $\pm$ 57.982 χ^2 /NDF: 13.1/16

Left Out: 24.042 $\pm$ 23.587 χ^2 /NDF:30.5/22

Right Out: 14.912 $\pm$ 60.119 χ^2 /NDF: 18.0/18

Left In: 63.378 $\pm$ 24.343 χ^2 /NDF:23.7/21

Left: 43.090 $\pm$ 16.940 χ^2 /NDF: 55.6/44

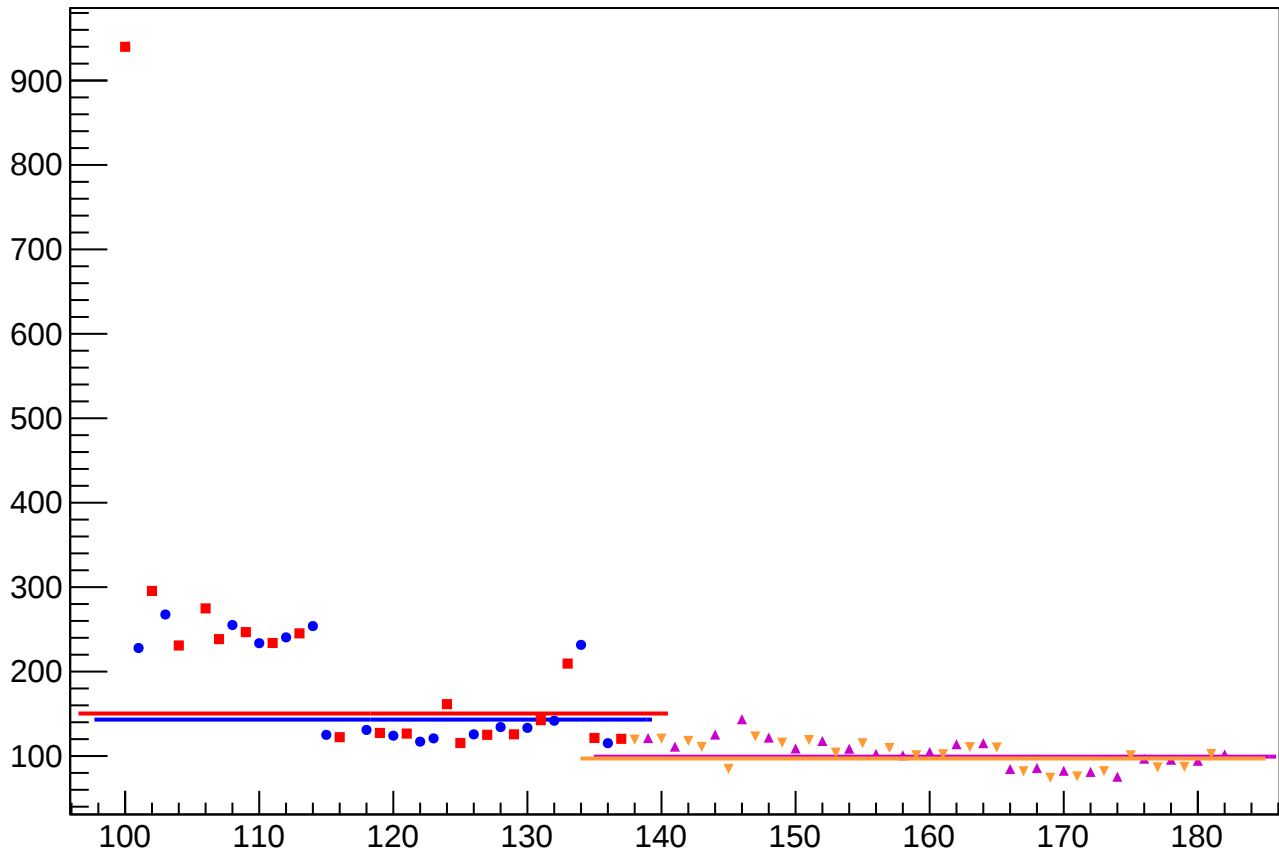
Right: 79.249 $\pm$ 41.734 χ^2 /NDF: 33.3/35

In: 74.724 $\pm$ 22.445 χ^2 /NDF:38.3/38

Out: 22.824 $\pm$ 21.958 χ^2 /NDF:48.5/41

All: 48.204 $\pm$ 15.696 χ^2 /NDF: 89.5/80

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 143.140 $\pm$ 0.041 χ^2 /NDF: 1101269.0/16

Left Out: 97.051 $\pm$ 0.017 χ^2 /NDF: 891794.7/22

Right Out: 150.336 $\pm$ 0.043 χ^2 /NDF: 1432034.4/18

Left In: 99.280 $\pm$ 0.017 χ^2 /NDF: 838579.5/21

Left: 98.131 $\pm$ 0.012 χ^2 /NDF: 1739021.0/44

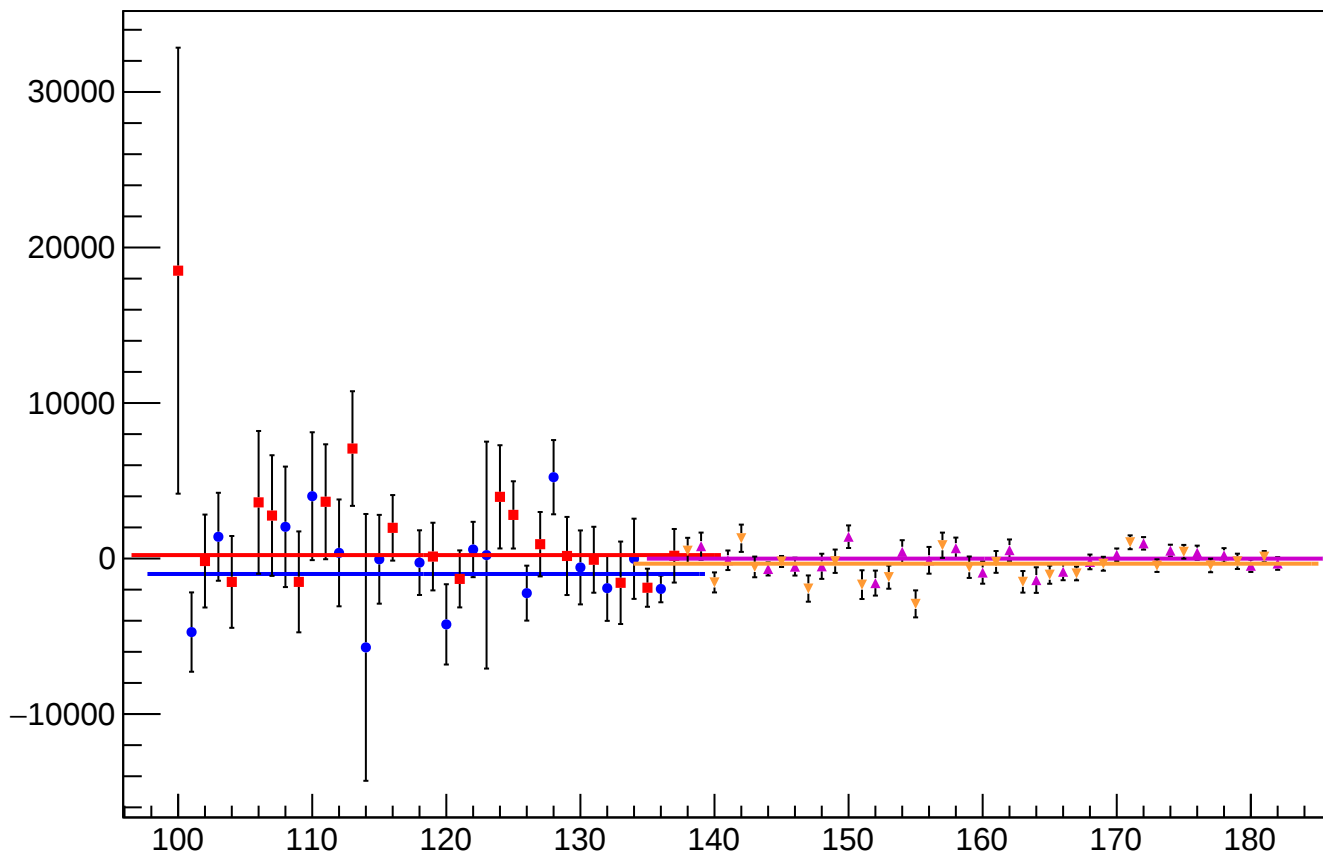
Right: 146.608 $\pm$ 0.030 χ^2 /NDF: 2548152.2/35

In: 105.853 $\pm$ 0.016 χ^2 /NDF: 2912749.4/38

Out: 104.159 $\pm$ 0.016 χ^2 /NDF: 3685401.5/41

All: 104.987 $\pm$ 0.011 χ^2 /NDF: 6603965.9/80

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -332.296+/-114.016 χ^2/NDF : 47.1/22

Right Out: 221.353+/-543.431 χ^2/NDF : 15.2/18

Left In: -7.167+/-113.865 χ^2/NDF : 32.0/21

Left: -169.517+/-80.568 χ^2/NDF : 83.2/44

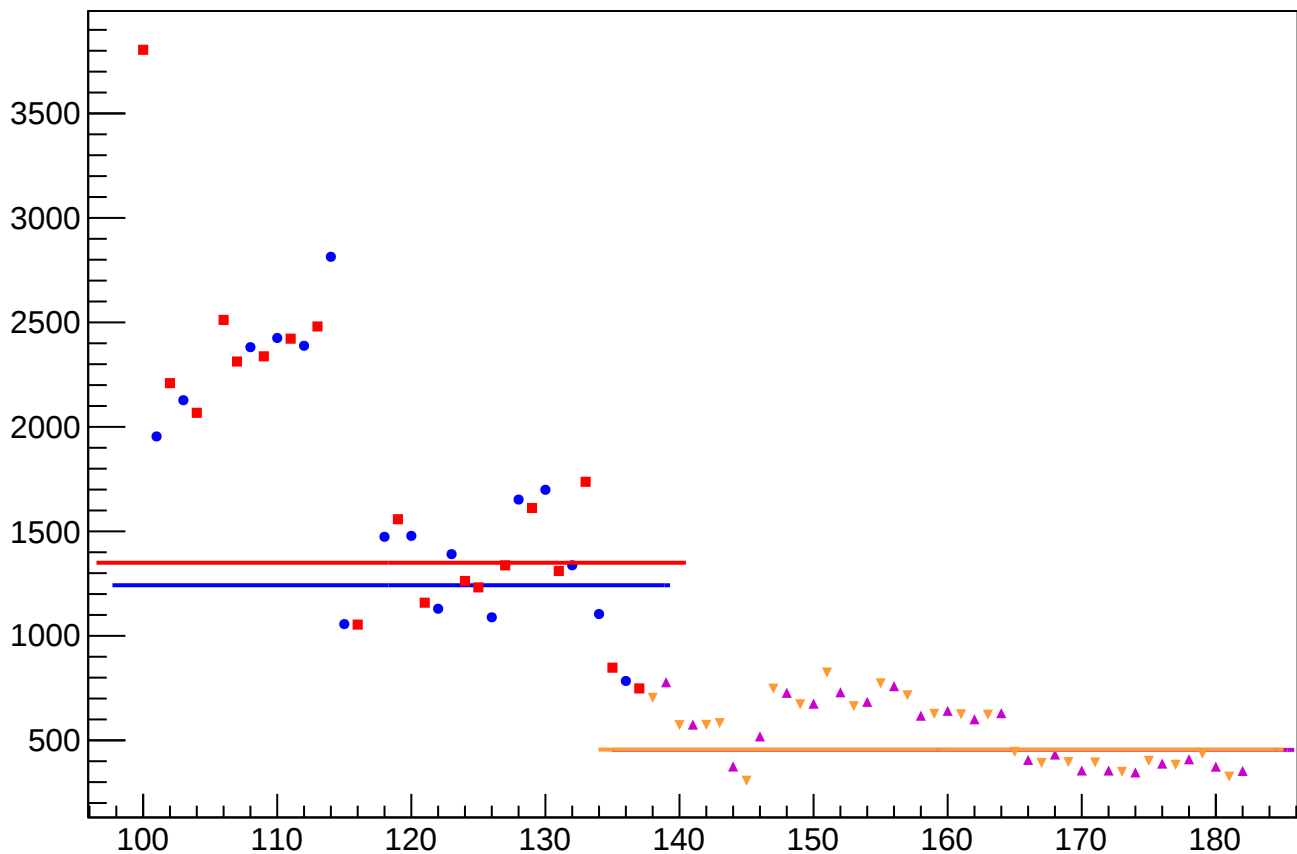
Right: -417.113+/-374.365 χ^2/NDF : 34.7/35

In: -52.901+/-111.195 χ^2/NDF : 52.4/38

Out: -308.952+/-111.586 χ^2/NDF : 63.3/41

All: -180.477+/-78.765 χ^2/NDF : 118.4/80

asym_sam_26_avg_correction_rms vs Slug, Sign Corrected



Right In: 1242.172 $\pm$ 0.365 χ^2 /NDF: 1767422.8/16

Left Out: 455.724 $\pm$ 0.081 χ^2 /NDF: 3015513.4/22

Right Out: 1349.870 $\pm$ 0.384 χ^2 /NDF: 1867853.5/18

Left In: 454.266 $\pm$ 0.081 χ^2 /NDF: 2652240.5/21

Left: 454.994 $\pm$ 0.057 χ^2 /NDF: 5667917.6/44

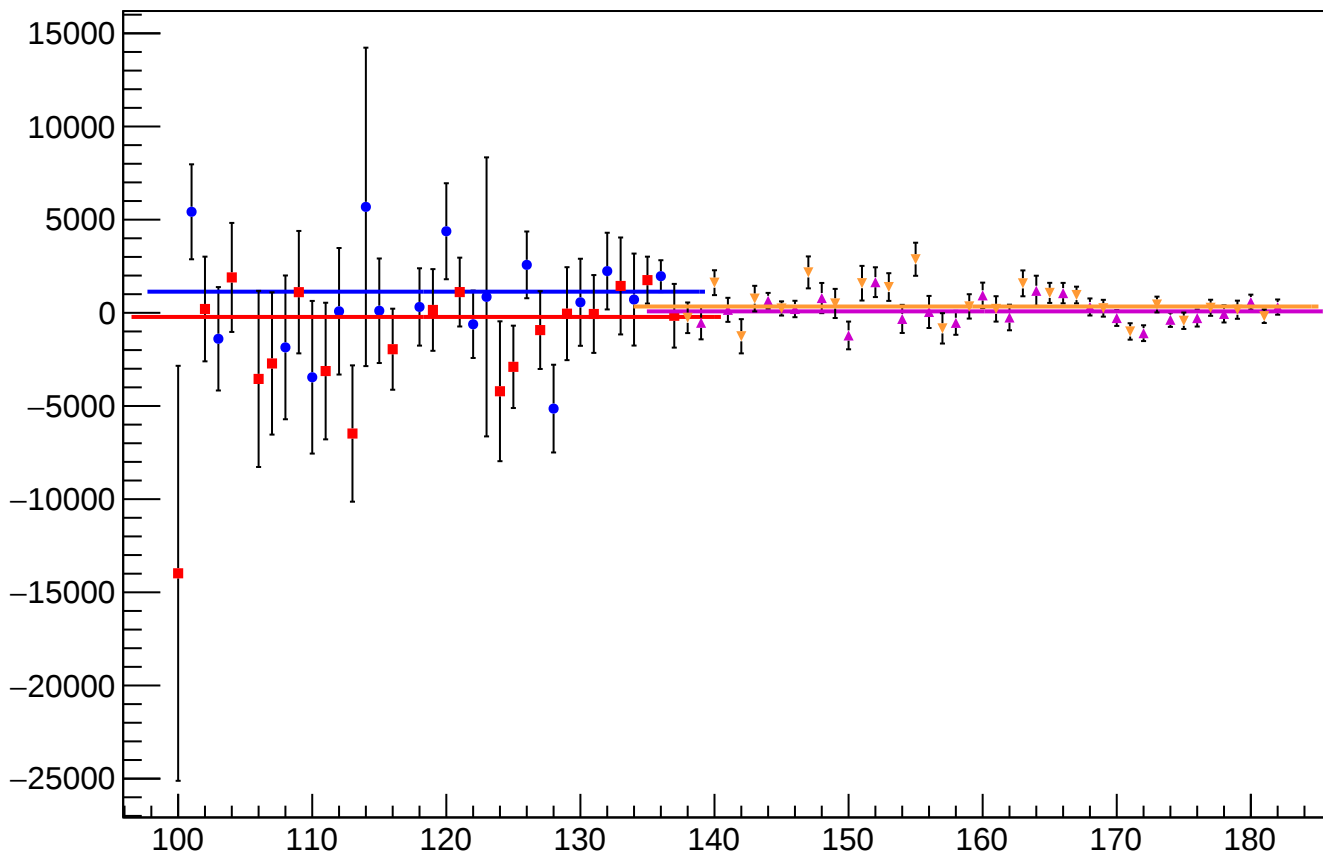
Right: 1293.283 $\pm$ 0.265 χ^2 /NDF: 3676549.5/35

In: 490.789 $\pm$ 0.079 χ^2 /NDF: 8858682.4/38

Out: 493.424 $\pm$ 0.079 χ^2 /NDF: 10069581.8/41

All: 492.102 $\pm$ 0.056 χ^2 /NDF: 18928823.7/80

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 339.041+/-115.056 χ^2/NDF : 47.8/22

Right Out: -220.849+/-547.528 χ^2/NDF : 13.5/18

Left In: 77.822+/-112.914 χ^2/NDF : 30.6/21

Left: 205.977+/-80.589 χ^2/NDF : 81.0/44

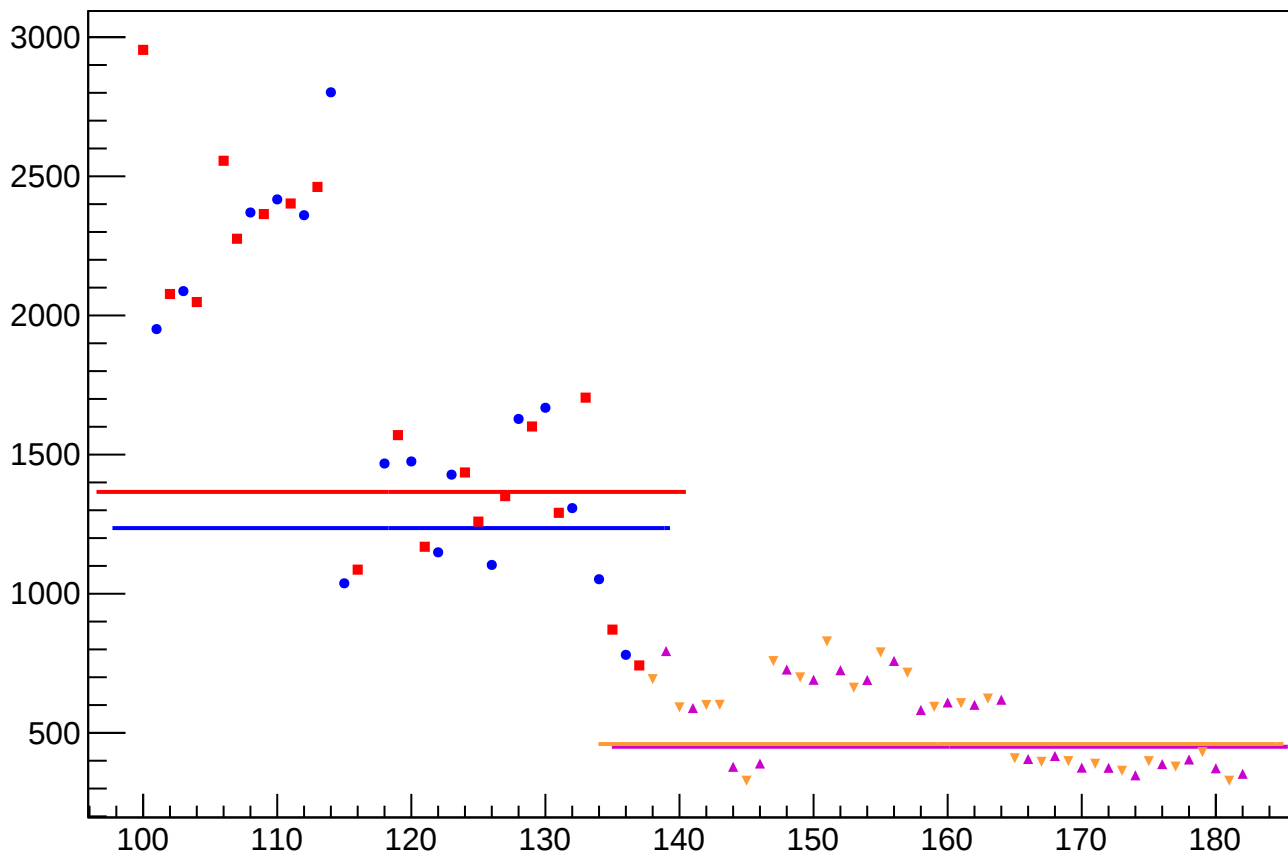
Right: 500.276+/-374.656 χ^2/NDF : 34.5/35

In: 126.542+/-110.282 χ^2/NDF : 52.4/38

Out: 315.363+/-112.597 χ^2/NDF : 62.3/41

All: 218.992+/-78.787 χ^2/NDF : 116.2/80

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939+/-0.363 χ^2/NDF : 1745716.2/16

Left Out: 459.869+/-0.081 χ^2/NDF : 2890967.8/22

Right Out: 1365.941+/-0.387 χ^2/NDF : 1750044.7/18

Left In: 450.168+/-0.080 χ^2/NDF : 2540395.8/21

Left: 454.927+/-0.057 χ^2/NDF : 5438607.5/44

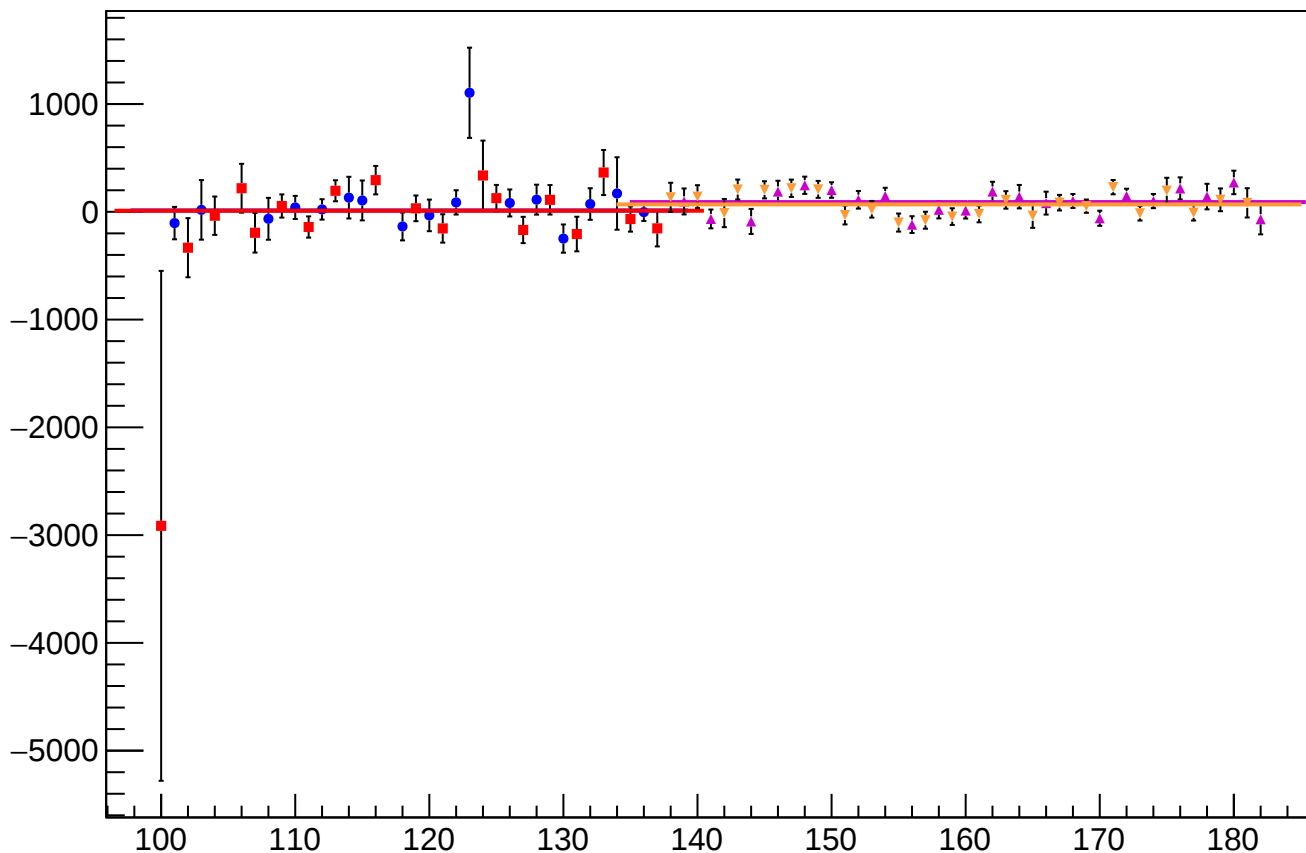
Right: 1296.809+/-0.265 χ^2/NDF : 3555718.8/35

In: 486.372+/-0.078 χ^2/NDF : 8748816.5/38

Out: 498.187+/-0.080 χ^2/NDF : 9886386.1/41

All: 492.157+/-0.056 χ^2/NDF : 18646441.8/80

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 68.706+/-17.494 χ^2/NDF : 36.5/22

Right Out: 10.036+/-32.603 χ^2/NDF : 28.3/18

Left In: 90.258+/-18.170 χ^2/NDF : 35.0/21

Left: 79.074+/-12.602 χ^2/NDF : 72.2/44

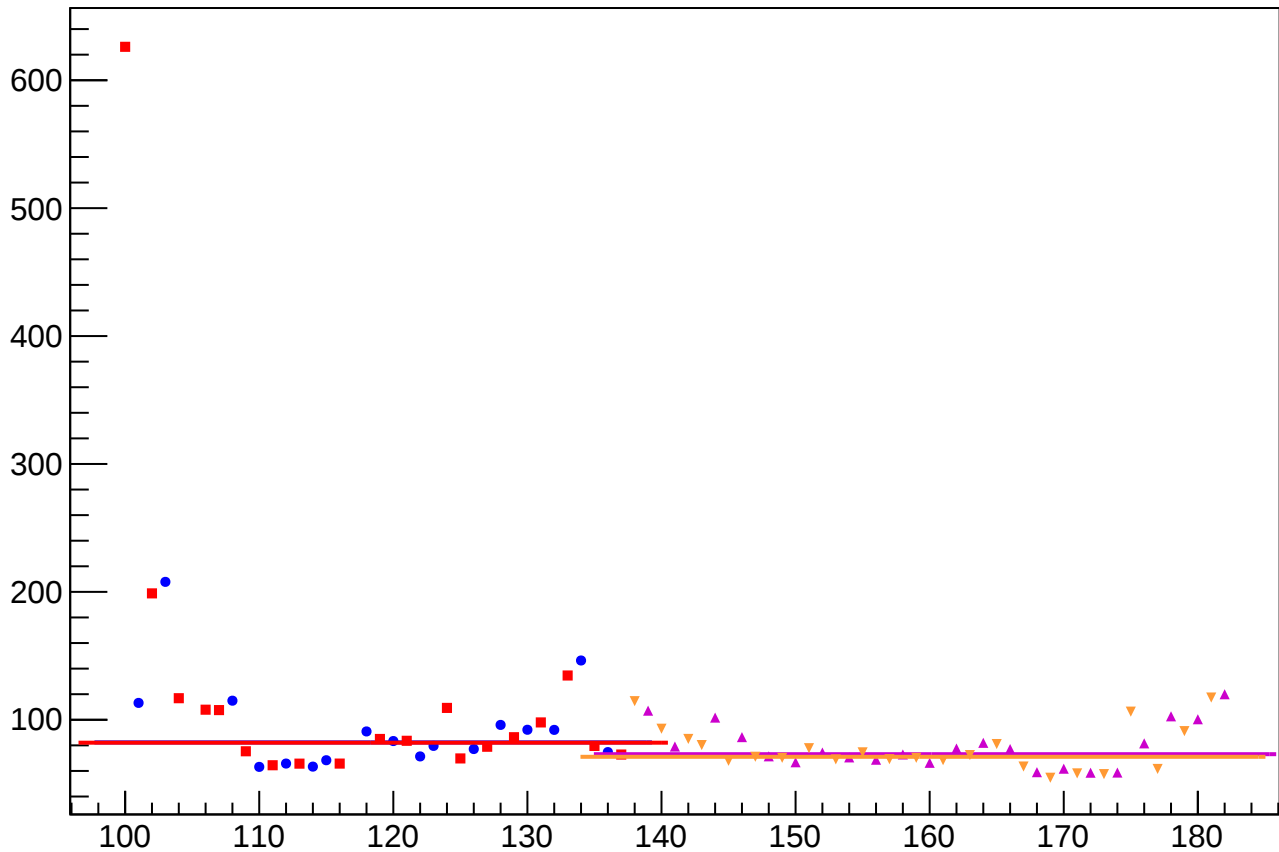
Right: 11.151+/-23.271 χ^2/NDF : 43.6/35

In: 72.314+/-15.942 χ^2/NDF : 54.6/38

Out: 55.590+/-15.415 χ^2/NDF : 67.2/41

All: 63.671+/-11.082 χ^2/NDF : 122.4/80

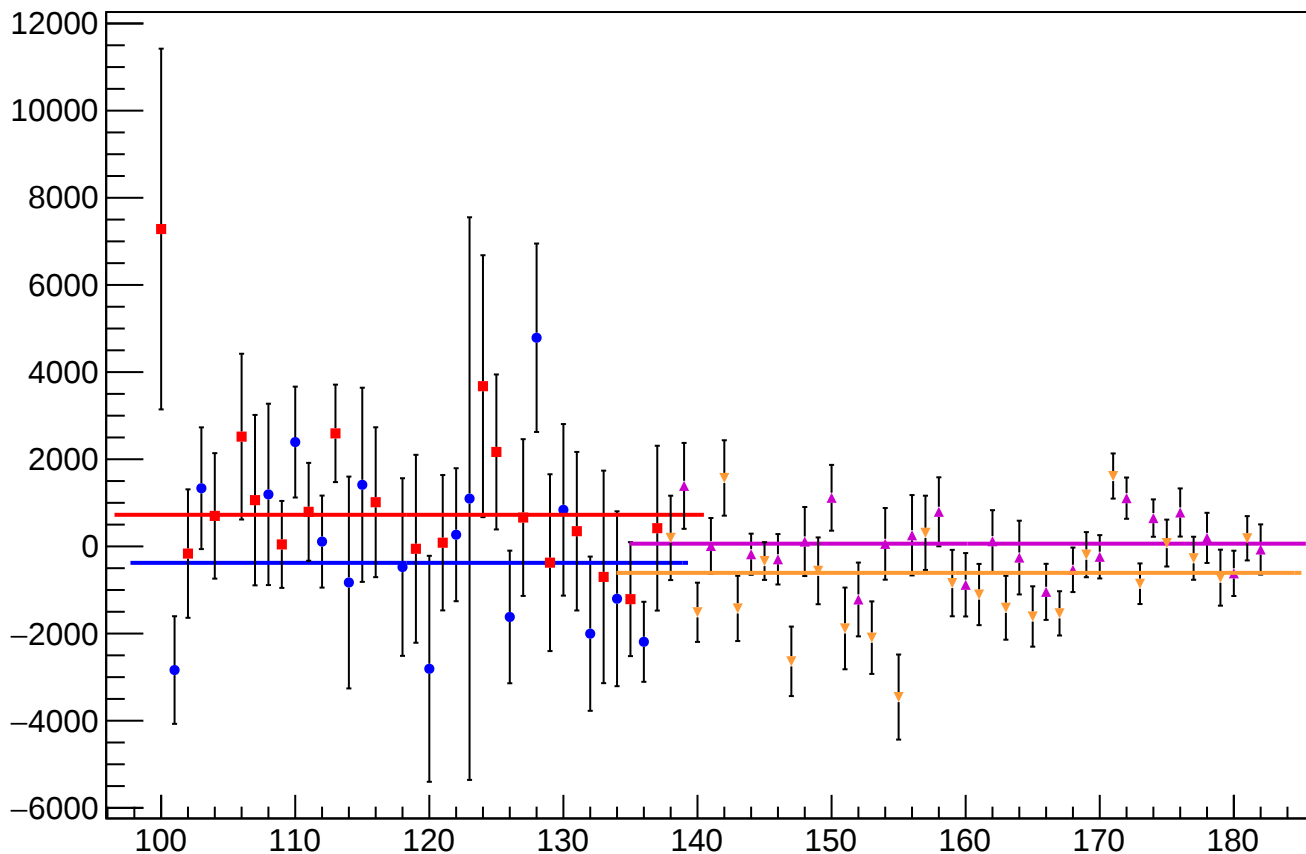
dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306 $\pm$ 0.023 χ^2 /NDF: 868742.4/16
 Left Out: 71.056 $\pm$ 0.012 χ^2 /NDF:1209132.9/22
 Right Out: 82.091 $\pm$ 0.023 χ^2 /NDF: 959008.5/18
 Left In: 73.102 $\pm$ 0.013 χ^2 /NDF:1209663.4/21

Left: 72.040 $\pm$ 0.009 χ^2 /NDF: 2431957.5/44
 Right: 82.196 $\pm$ 0.016 χ^2 /NDF: 1827793.7/35
 In: 75.221 $\pm$ 0.011 χ^2 /NDF:2196537.5/38
 Out: 73.523 $\pm$ 0.011 χ^2 /NDF:2346042.4/41
 All: 74.343 $\pm$ 0.008 χ^2 /NDF: 4554304.4/80

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330+/-383.897 χ^2/NDF : 24.5/16

Left Out: -607.235+/-131.931 χ^2/NDF : 62.7/22

Right Out: 725.204+/-367.170 χ^2/NDF : 11.9/18

Left In: 62.404+/-130.839 χ^2/NDF : 24.4/21

Left: -269.631+/-92.901 χ^2/NDF : 100.1/44

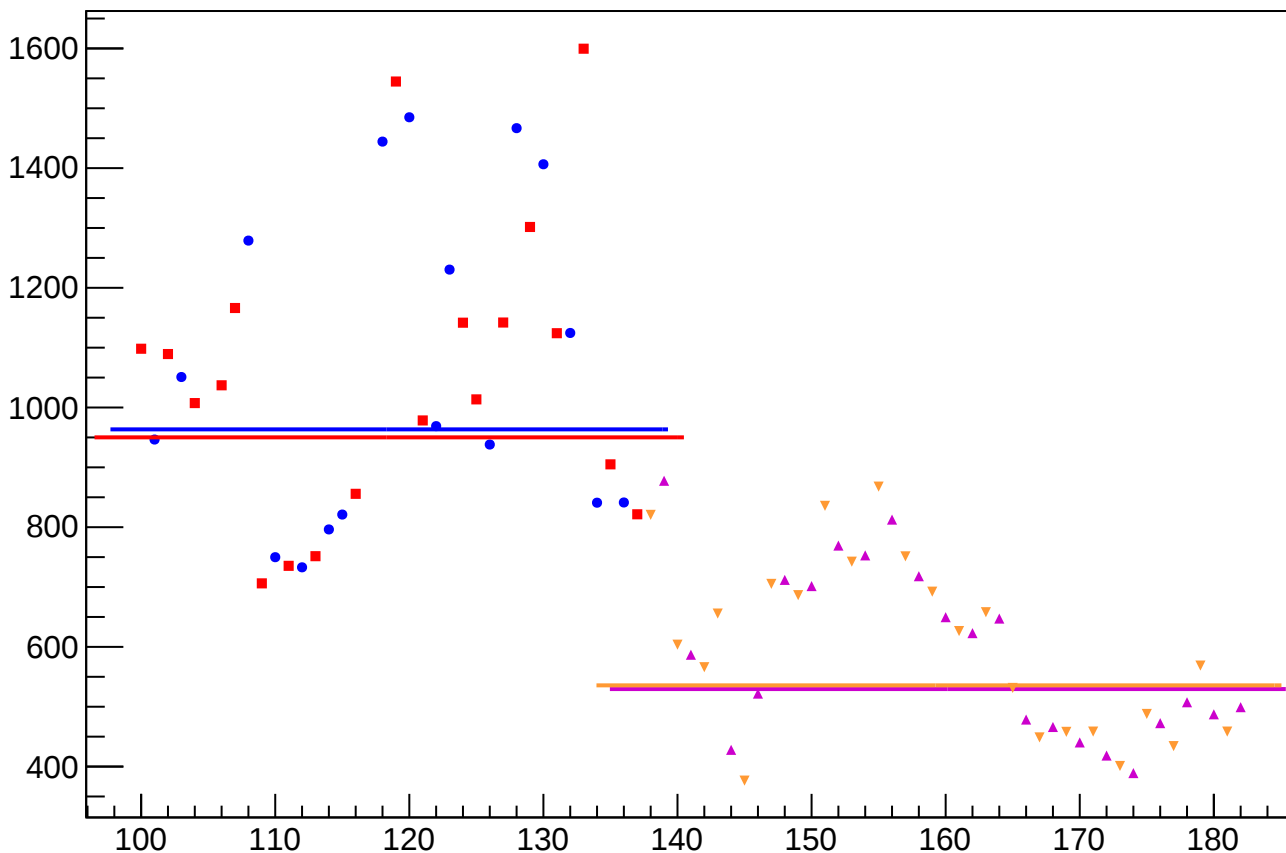
Right: 198.479+/-265.345 χ^2/NDF : 40.7/35

In: 16.642+/-123.844 χ^2/NDF : 50.0/38

Out: -454.874+/-124.160 χ^2/NDF : 86.2/41

All: -218.516+/-87.682 χ^2/NDF : 143.5/80

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 $\pm$ 0.271 χ^2 /NDF: 688873.3/16

Left Out: 535.718 $\pm$ 0.093 χ^2 /NDF: 2013755.1/22

Right Out: 950.122 $\pm$ 0.260 χ^2 /NDF: 731958.5/18

Left In: 529.520 $\pm$ 0.093 χ^2 /NDF: 1781705.6/21

Left: 532.593 $\pm$ 0.066 χ^2 /NDF: 3797686.6/44

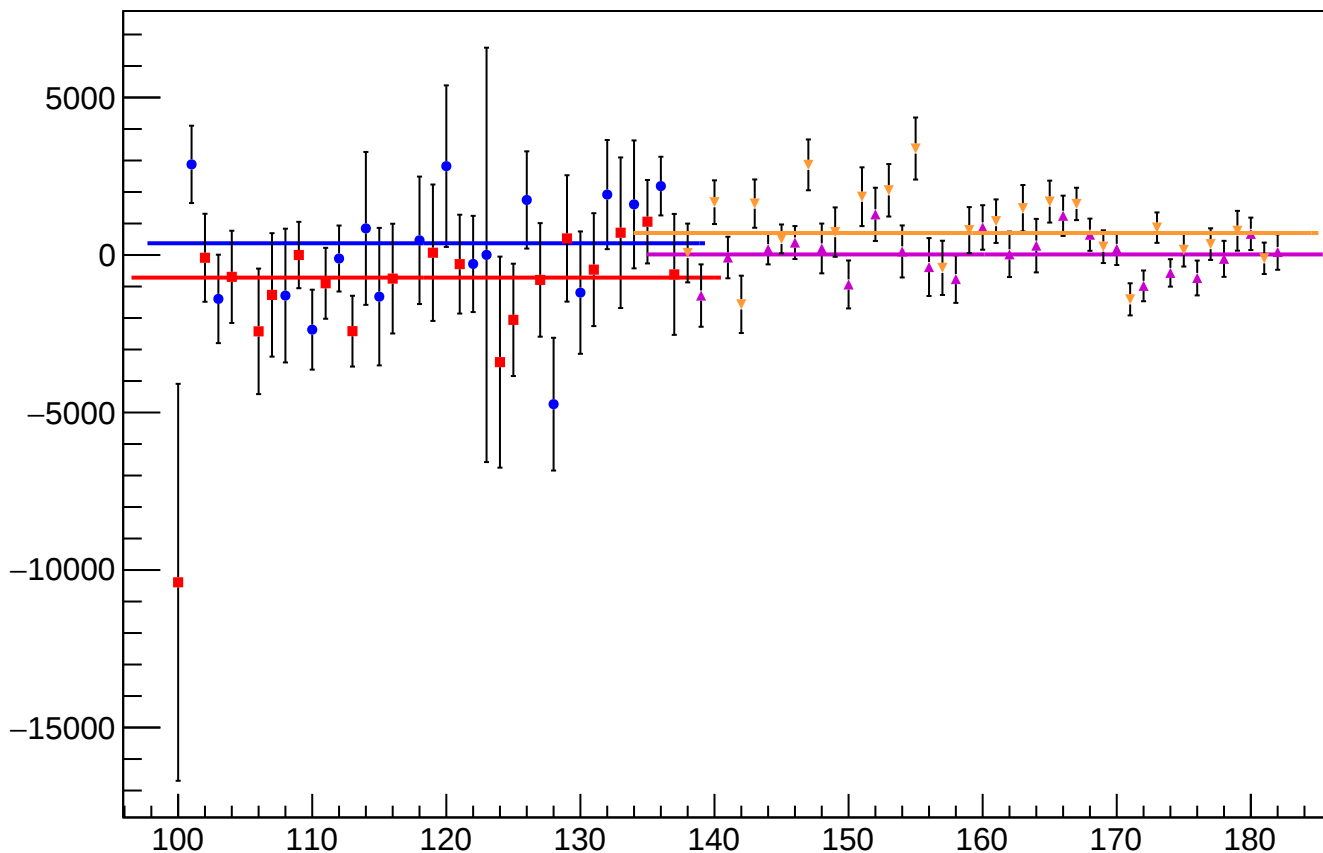
Right: 956.498 $\pm$ 0.188 χ^2 /NDF: 1422094.4/35

In: 574.680 $\pm$ 0.088 χ^2 /NDF: 4760145.8/38

Out: 583.104 $\pm$ 0.088 χ^2 /NDF: 5002056.4/41

All: 578.881 $\pm$ 0.062 χ^2 /NDF: 9766817.6/80

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 699.067 $\pm$ 132.746 χ^2 /NDF:59.6/22

Right Out: -717.404 $\pm$ -371.769 χ^2 /NDF: 10.1/18

Left In: 18.313 $\pm$ -130.685 χ^2 /NDF:24.0/21

Left: 353.363 $\pm$ -93.128 χ^2 /NDF: 97.0/44

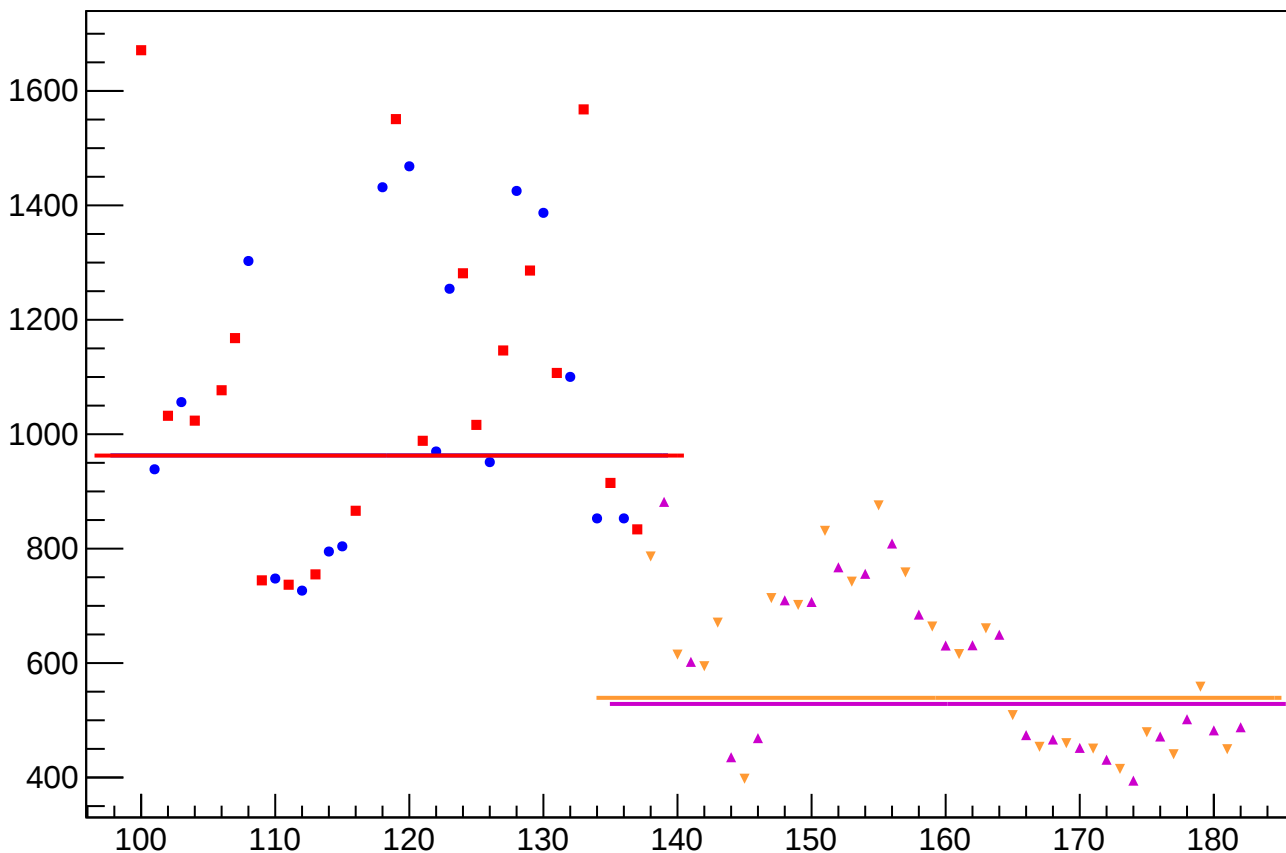
Right: -189.414 $\pm$ -266.986 χ^2 /NDF: 39.6/35

In: 55.177 $\pm$ -123.705 χ^2 /NDF:50.0/38

Out: 538.894 $\pm$ -125.016 χ^2 /NDF:82.6/41

All: 294.486 $\pm$ -87.932 χ^2 /NDF: 140.2/80

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2 /NDF: 667521.9/16

Left Out: 539.253 $\pm$ 0.094 χ^2 /NDF:1882757.2/22

Right Out: 962.693 $\pm$ 0.263 χ^2 /NDF: 696385.7/18

Left In: 528.558 $\pm$ 0.092 χ^2 /NDF:1711990.3/21

Left: 533.822 $\pm$ 0.066 χ^2 /NDF: 3601339.4/44

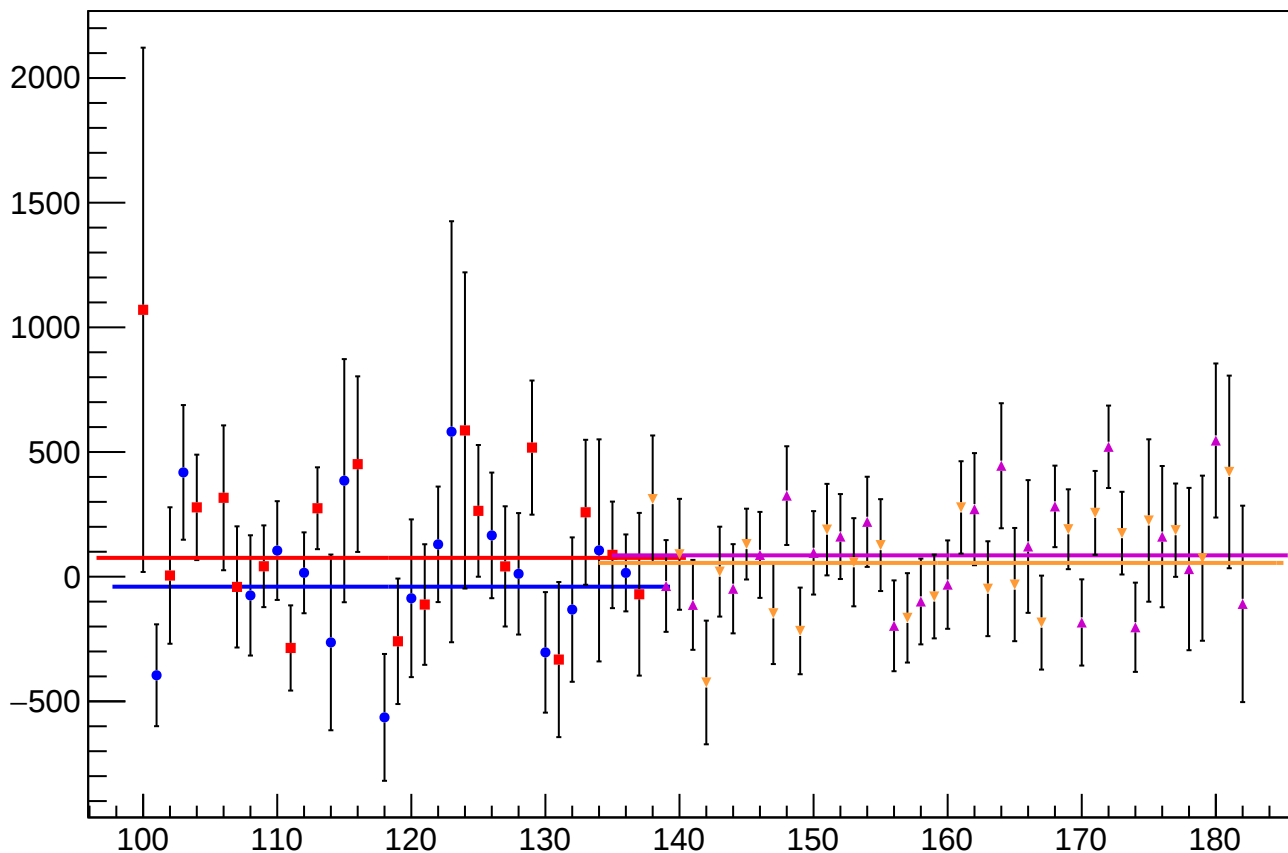
Right: 962.827 $\pm$ 0.189 χ^2 /NDF: 1363908.2/35

In: 573.721 $\pm$ 0.087 χ^2 /NDF:4677054.0/38

Out: 587.135 $\pm$ 0.088 χ^2 /NDF:4880333.5/41

All: 580.357 $\pm$ 0.062 χ^2 /NDF: 9569021.5/80

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 χ^2/NDF : 15.3/16

Left Out: 55.186 ± 40.293 χ^2/NDF : 19.2/22

Right Out: 75.460 ± 56.233 χ^2/NDF : 18.5/18

Left In: 85.497 ± 41.723 χ^2/NDF : 27.2/21

Left: 69.813 ± 28.984 χ^2/NDF : 46.6/44

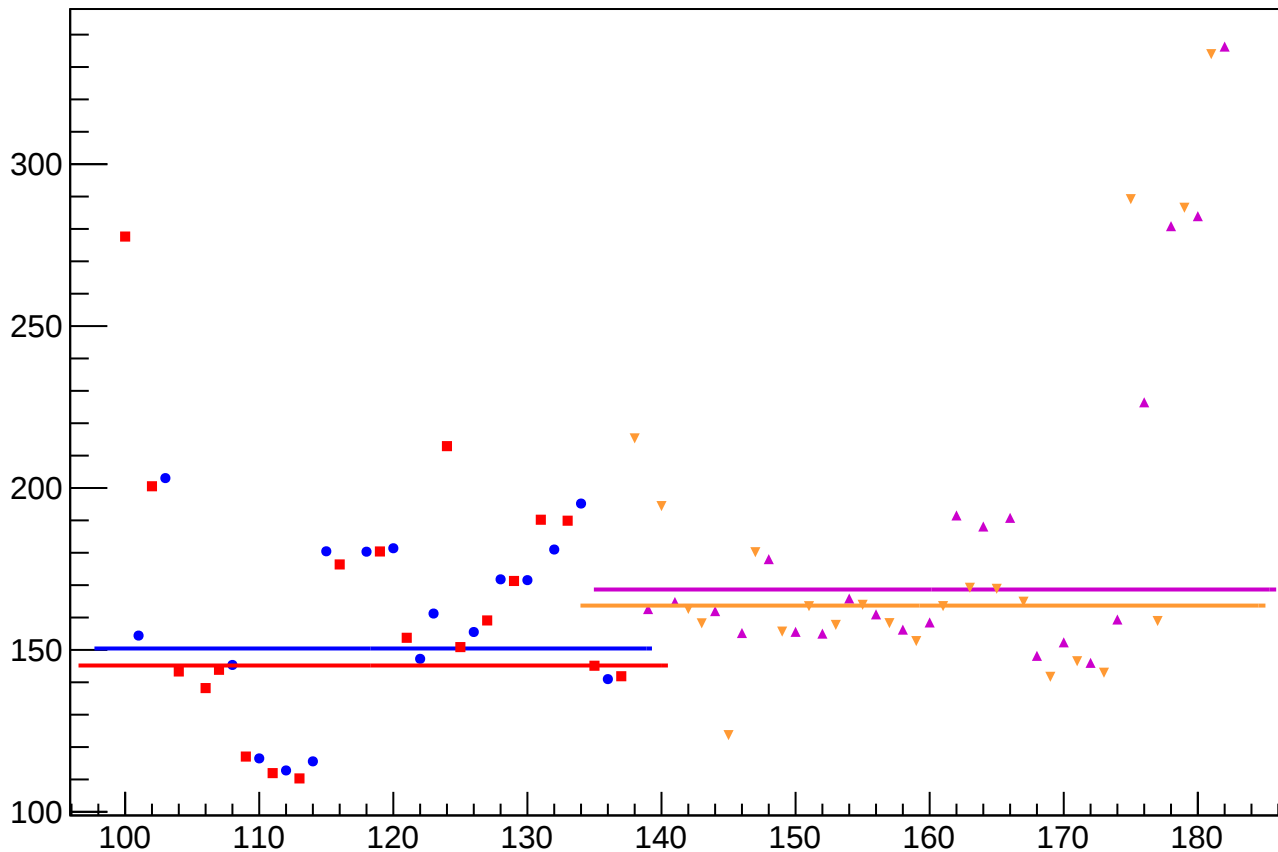
Right: 20.693 ± 40.790 χ^2/NDF : 35.8/35

In: 43.860 ± 34.115 χ^2/NDF : 45.5/38

Out: 62.064 ± 32.753 χ^2/NDF : 37.8/41

All: 53.333 ± 23.627 χ^2/NDF : 83.4/80

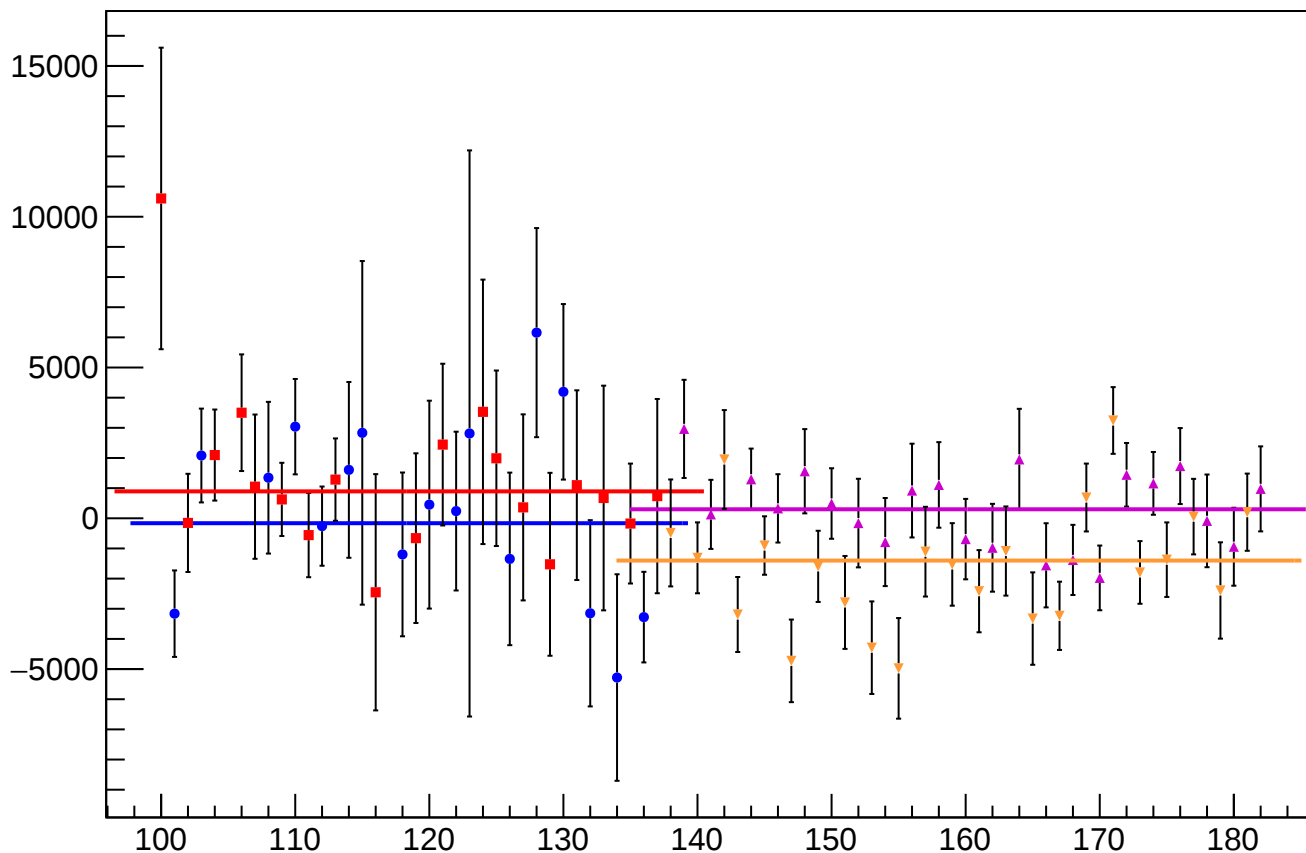
dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442+/-0.042 χ^2/NDF : 400121.4/16
 Left Out: 163.691+/-0.028 χ^2/NDF :1365467.6/22
 Right Out: 145.187+/-0.040 χ^2/NDF : 535696.3/18
 Left In: 168.654+/-0.030 χ^2/NDF :1168694.1/21

Left: 166.086+/-0.020 χ^2/NDF : 2548803.8/44
 Right: 147.677+/-0.029 χ^2/NDF : 944092.7/35
 In: 162.618+/-0.024 χ^2/NDF :1695126.3/38
 Out: 157.414+/-0.023 χ^2/NDF :2044262.6/41
 All: 159.910+/-0.017 χ^2/NDF : 3763604.8/80

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -1401.031 $\pm$ 271.182 χ^2 /NDF:51.1/22

Right Out: 893.137 $\pm$ 484.322 χ^2 /NDF: 10.7/18

Left In: 298.908 $\pm$ 272.603 χ^2 /NDF:20.6/21

Left: -555.502 $\pm$ 192.255 χ^2 /NDF: 91.3/44

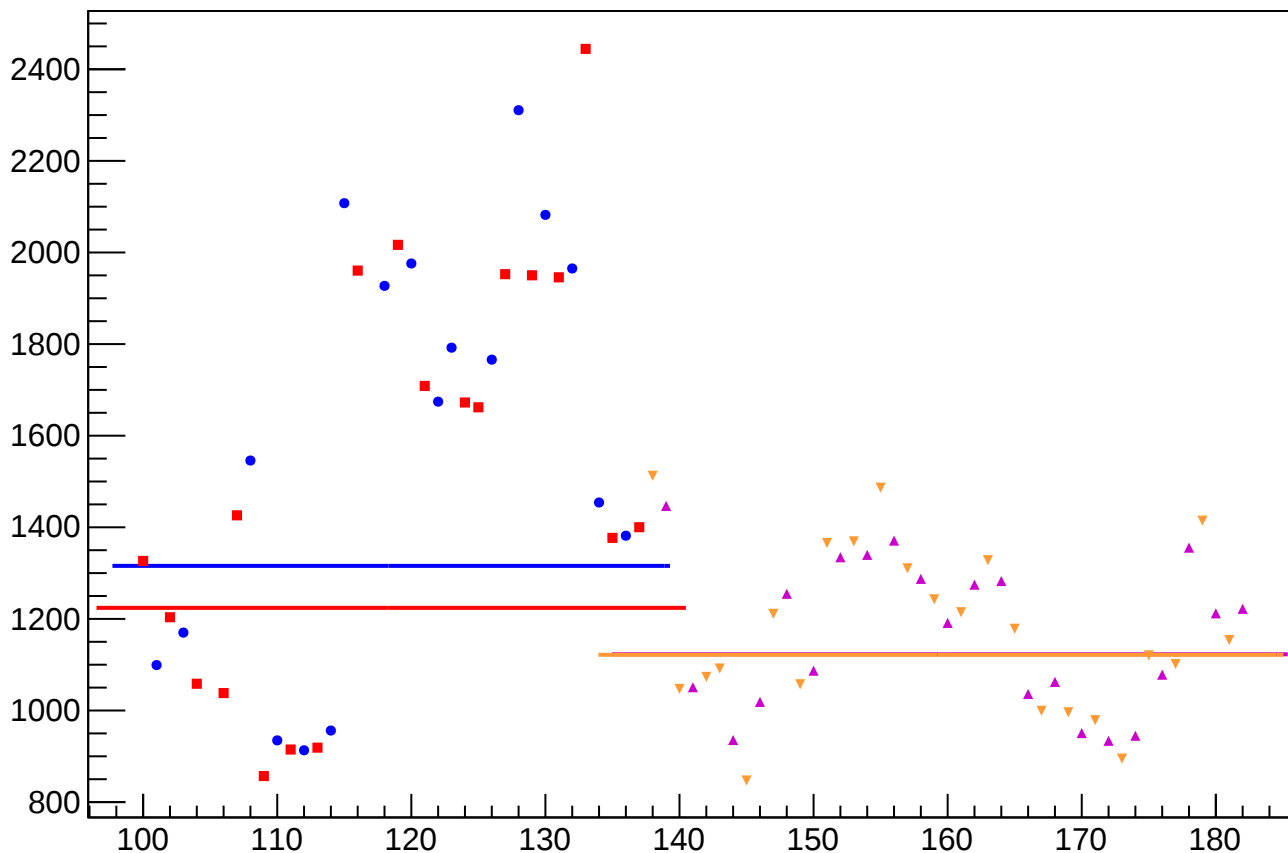
Right: 415.737 $\pm$ 358.494 χ^2 /NDF: 37.9/35

In: 203.221 $\pm$ 242.717 χ^2 /NDF:46.3/38

Out: -853.454 $\pm$ 236.616 χ^2 /NDF:78.8/41

All: -338.564 $\pm$ 169.429 χ^2 /NDF: 134.9/80

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784+/-0.377 χ^2/NDF : 1118346.6/16

Left Out: 1121.631+/-0.192 χ^2/NDF : 825645.9/22

Right Out: 1224.149+/-0.342 χ^2/NDF : 1363902.7/18

Left In: 1122.787+/-0.193 χ^2/NDF : 655203.5/21

Left: 1122.206+/-0.136 χ^2/NDF : 1480867.4/44

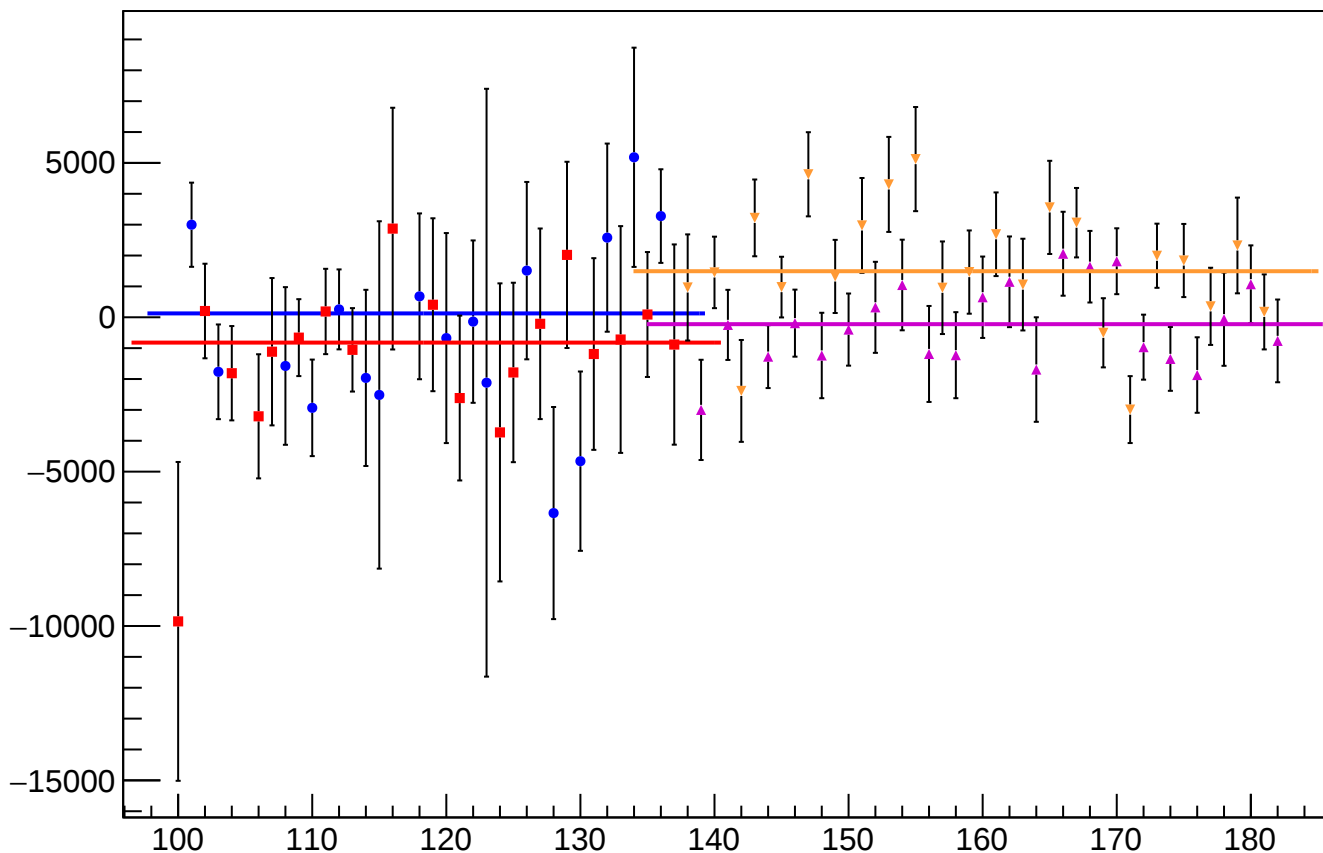
Right: 1265.578+/-0.253 χ^2/NDF : 2514618.3/35

In: 1162.784+/-0.172 χ^2/NDF : 1981305.5/38

Out: 1146.100+/-0.167 χ^2/NDF : 2257770.8/41

All: 1154.230+/-0.120 χ^2/NDF : 4243921.3/80

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1492.130 $\pm$ 268.958 χ^2 /NDF: 49.8/22

Right Out: -820.213 $\pm$ 484.659 χ^2 /NDF: 9.1/18

Left In: -223.108 $\pm$ 269.563 χ^2 /NDF: 22.2/21

Left: 636.439 $\pm$ 190.395 χ^2 /NDF: 92.2/44

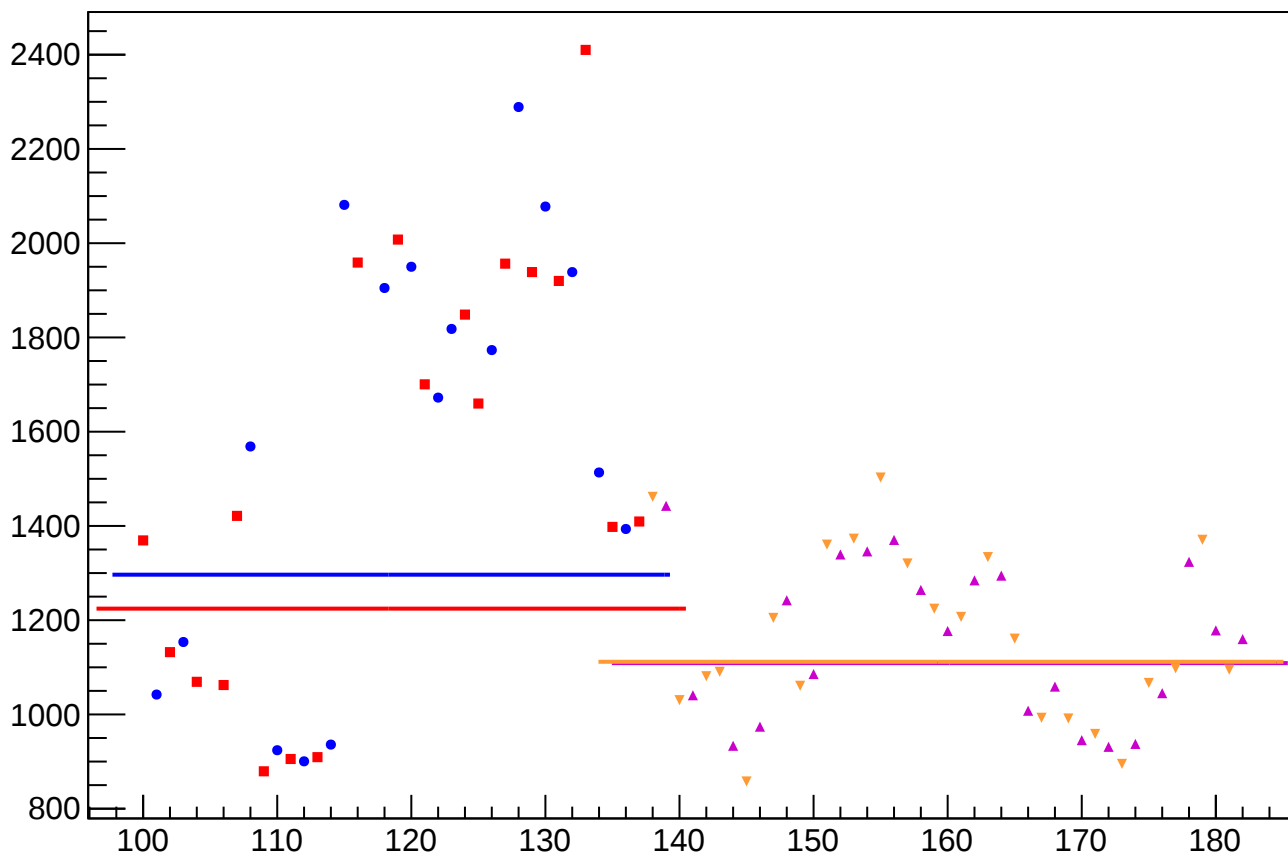
Right: -386.748 $\pm$ 356.675 χ^2 /NDF: 35.5/35

In: -150.797 $\pm$ 239.971 χ^2 /NDF: 47.2/38

Out: 947.686 $\pm$ 235.172 χ^2 /NDF: 76.2/41

All: 409.538 $\pm$ 167.963 χ^2 /NDF: 134.1/80

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 ± 0.373 $\chi^2/\text{NDF}: 1175465.2/16$

Left Out: 1111.779 ± 0.190 $\chi^2/\text{NDF}: 799018.7/22$

Right Out: 1224.561 ± 0.343 $\chi^2/\text{NDF}: 1348274.4/18$

Left In: 1108.951 ± 0.191 $\chi^2/\text{NDF}: 670420.0/21$

Left: 1110.368 ± 0.135 $\chi^2/\text{NDF}: 1469549.0/44$

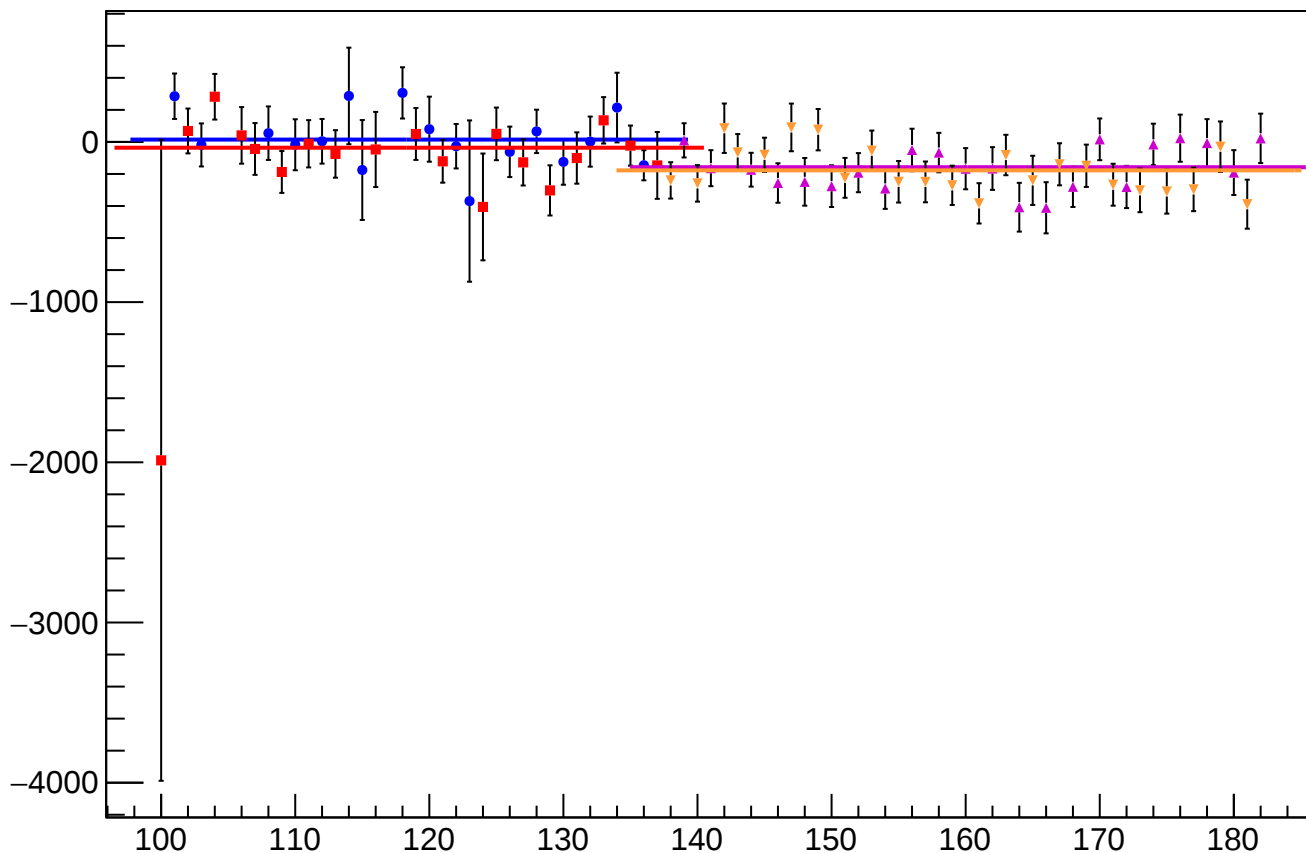
Right: 1257.572 ± 0.252 $\chi^2/\text{NDF}: 2543980.3/35$

In: 1147.884 ± 0.170 $\chi^2/\text{NDF}: 2046934.0/38$

Out: 1138.334 ± 0.166 $\chi^2/\text{NDF}: 2230094.9/41$

All: 1143.012 ± 0.119 $\chi^2/\text{NDF}: 4278644.6/80$

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16

Left Out: -177.497 ± 27.050 χ^2/NDF : 24.2/22

Right Out: -36.133 ± 36.722 χ^2/NDF : 15.5/18

Left In: -157.837 ± 27.732 χ^2/NDF : 20.7/21

Left: -167.912 ± 19.364 χ^2/NDF : 45.2/44

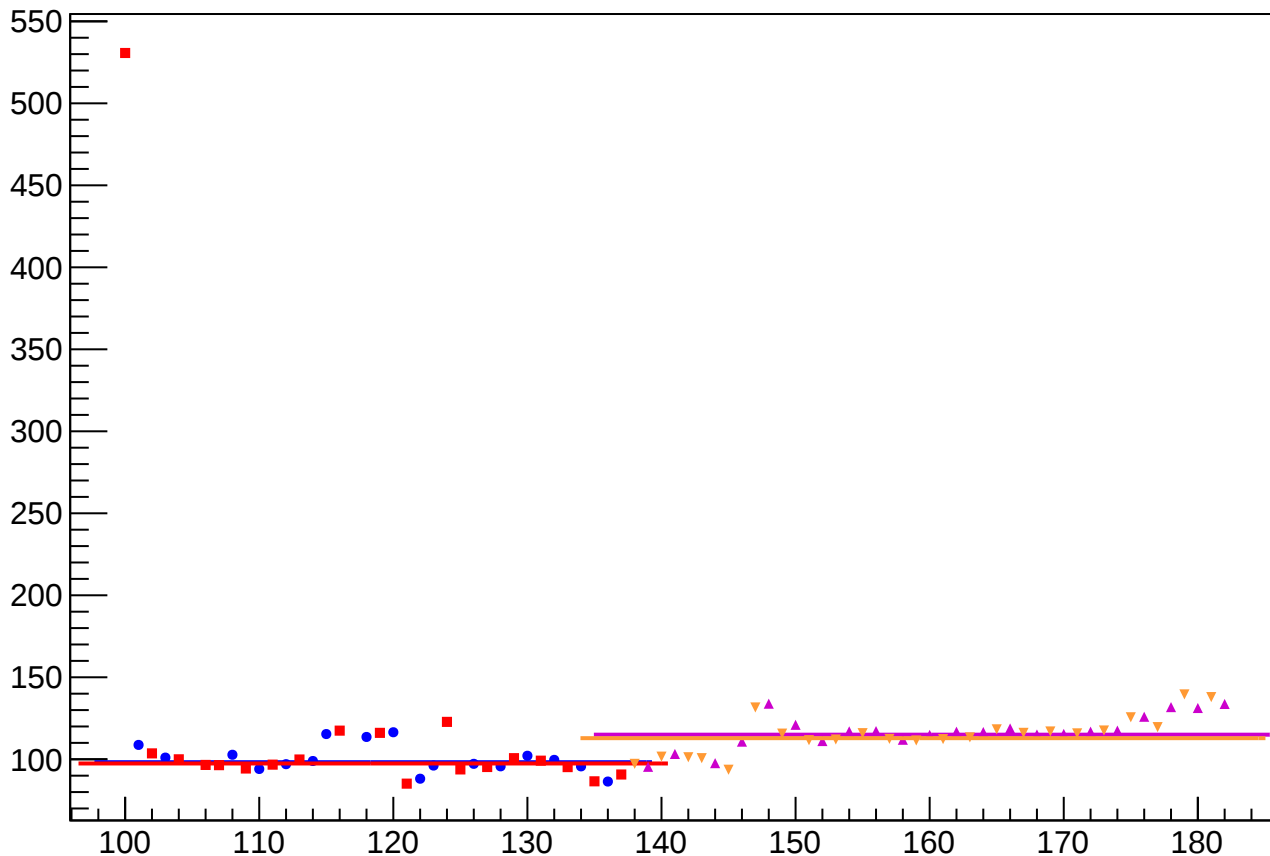
Right: -11.656 ± 26.412 χ^2/NDF : 30.6/35

In: -97.955 ± 22.405 χ^2/NDF : 48.3/38

Out: -127.772 ± 21.779 χ^2/NDF : 49.3/41

All: -113.286 ± 15.617 χ^2/NDF : 98.5/80

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 112.867+/-0.019 χ^2/NDF : 332679.6/22

Right Out: 97.436+/-0.026 χ^2/NDF : 190066.6/18

Left In: 114.997+/-0.020 χ^2/NDF : 282197.4/21

Left: 113.905+/-0.014 χ^2/NDF : 620925.3/44

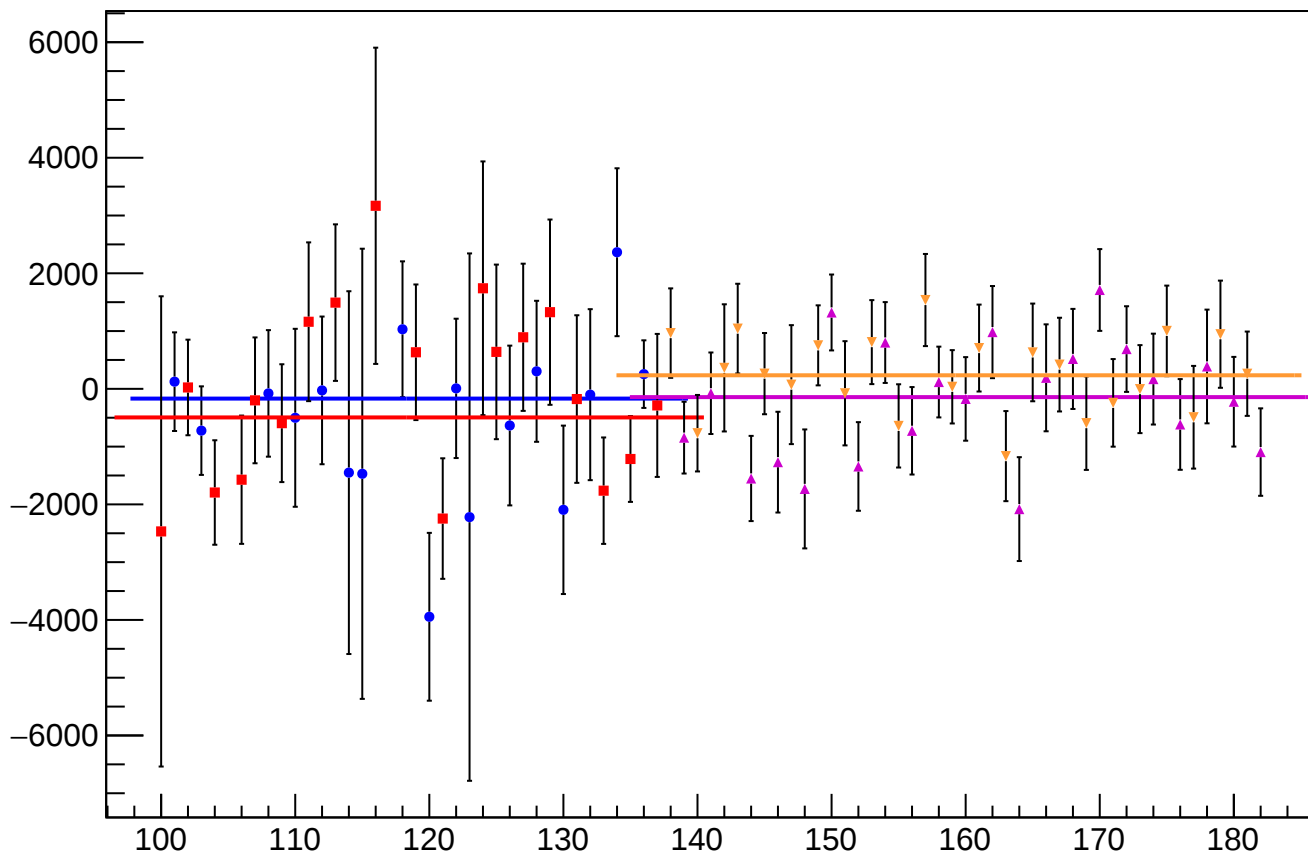
Right: 97.814+/-0.019 χ^2/NDF : 291015.4/35

In: 109.170+/-0.016 χ^2/NDF : 636960.6/38

Out: 107.439+/-0.015 χ^2/NDF : 751660.4/41

All: 108.280+/-0.011 χ^2/NDF : 1394757.1/80

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 $\pm$ 282.178 χ^2 /NDF: 14.6/16

Left Out: 234.591 $\pm$ 162.560 χ^2 /NDF:17.5/22

Right Out: -494.868 $\pm$ 267.430 χ^2 /NDF: 19.8/18

Left In: -143.274 $\pm$ 162.467 χ^2 /NDF:36.9/21

Left: 45.550 $\pm$ 114.914 χ^2 /NDF: 57.1/44

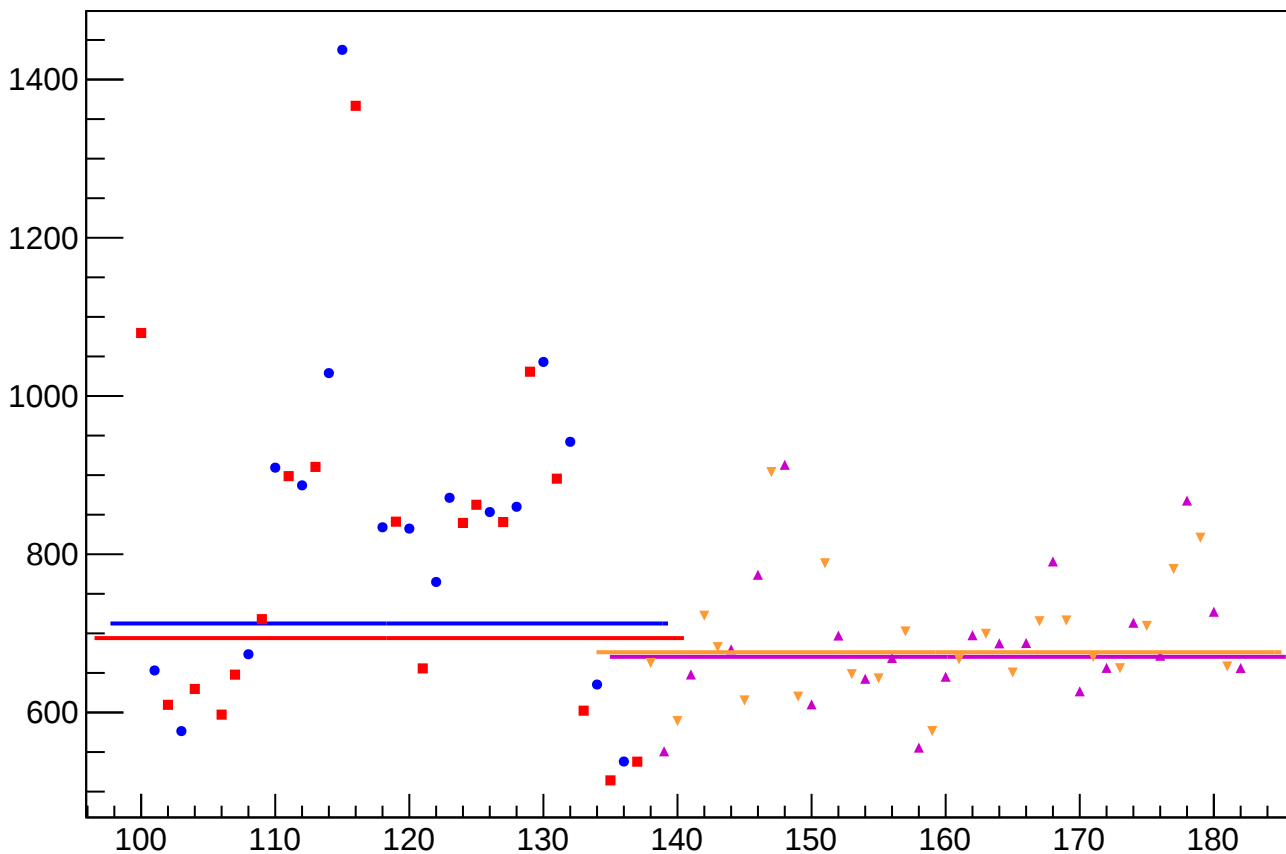
Right: -340.578 $\pm$ 194.106 χ^2 /NDF: 35.1/35

In: -149.630 $\pm$ 140.797 χ^2 /NDF:51.5/38

Out: 37.781 $\pm$ 138.910 χ^2 /NDF:42.8/41

All: -54.660 $\pm$ 98.885 χ^2 /NDF: 95.1/80

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 676.194+/-0.115 χ^2/NDF : 351031.2/22

Right Out: 694.014+/-0.189 χ^2/NDF : 674989.2/18

Left In: 670.368+/-0.115 χ^2/NDF : 459494.0/21

Left: 673.279+/-0.081 χ^2/NDF : 811810.2/44

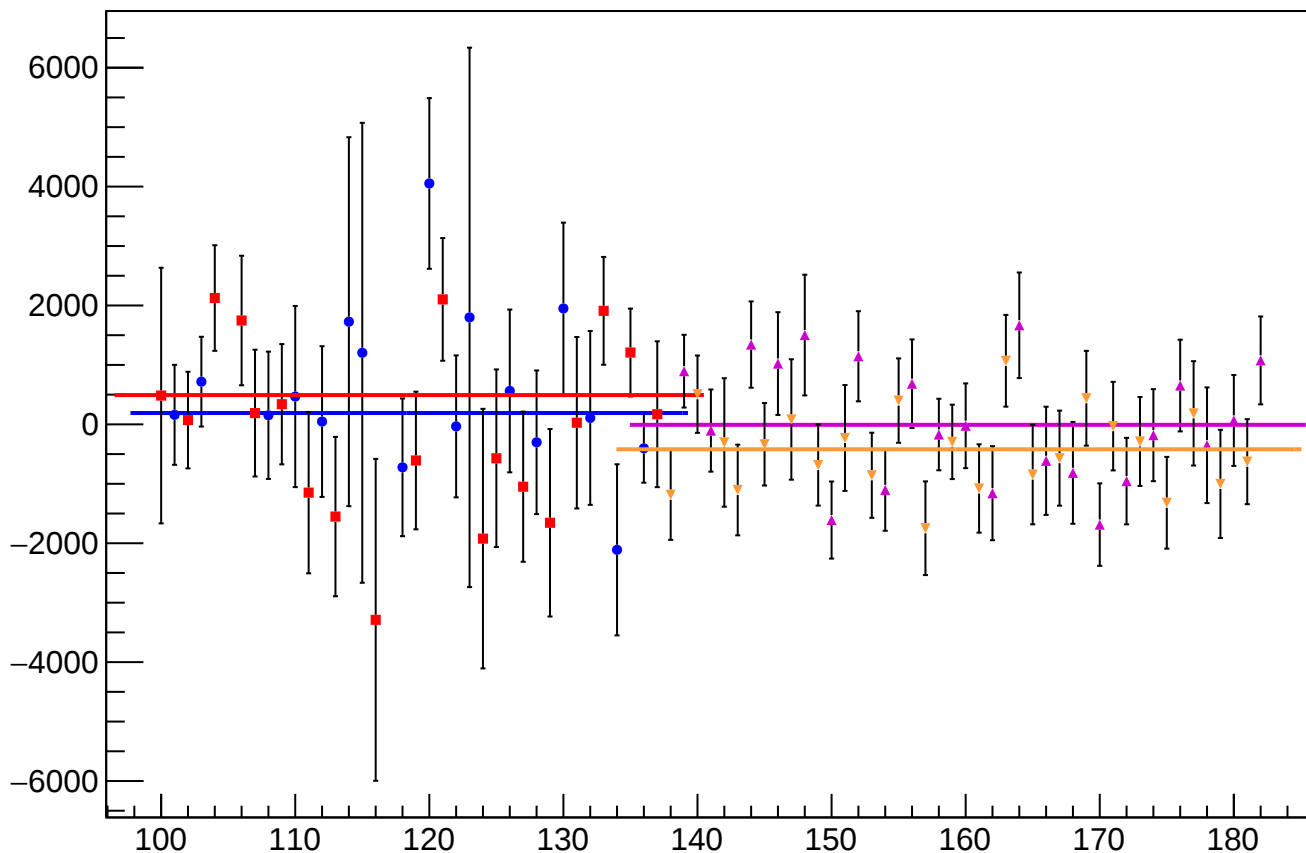
Right: 702.750+/-0.137 χ^2/NDF : 1340019.7/35

In: 680.852+/-0.100 χ^2/NDF : 1153461.9/38

Out: 681.002+/-0.098 χ^2/NDF : 1032505.2/41

All: 680.928+/-0.070 χ^2/NDF : 2185968.2/80

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 ± 278.670 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -419.354 ± 160.110 $\chi^2/\text{NDF}: 17.5/22$

Right Out: 492.659 ± 262.648 $\chi^2/\text{NDF}: 22.8/18$

Left In: -7.885 ± 159.966 $\chi^2/\text{NDF}: 38.8/21$

Left: -213.434 ± 113.164 $\chi^2/\text{NDF}: 59.6/44$

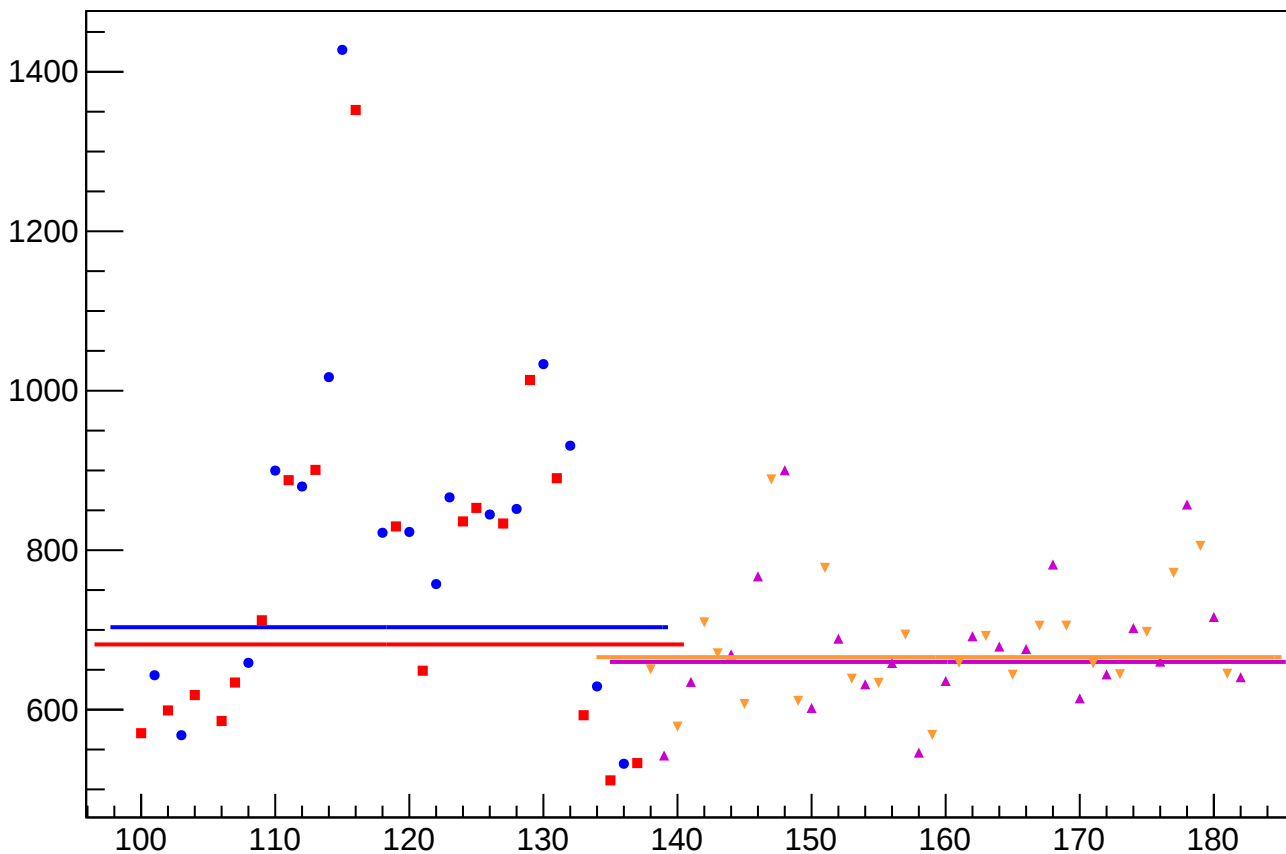
Right: 350.694 ± 191.134 $\chi^2/\text{NDF}: 37.6/35$

In: 41.378 ± 138.733 $\chi^2/\text{NDF}: 53.4/38$

Out: -172.262 ± 136.711 $\chi^2/\text{NDF}: 49.1/41$

All: -67.010 ± 97.376 $\chi^2/\text{NDF}: 103.6/80$

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 665.882 $\pm$ 0.113 χ^2 /NDF: 350716.1/22

Right Out: 681.807 $\pm$ 0.186 χ^2 /NDF: 664797.9/18

Left In: 659.840 $\pm$ 0.113 χ^2 /NDF: 471155.7/21

Left: 662.858 $\pm$ 0.080 χ^2 /NDF: 823297.4/44

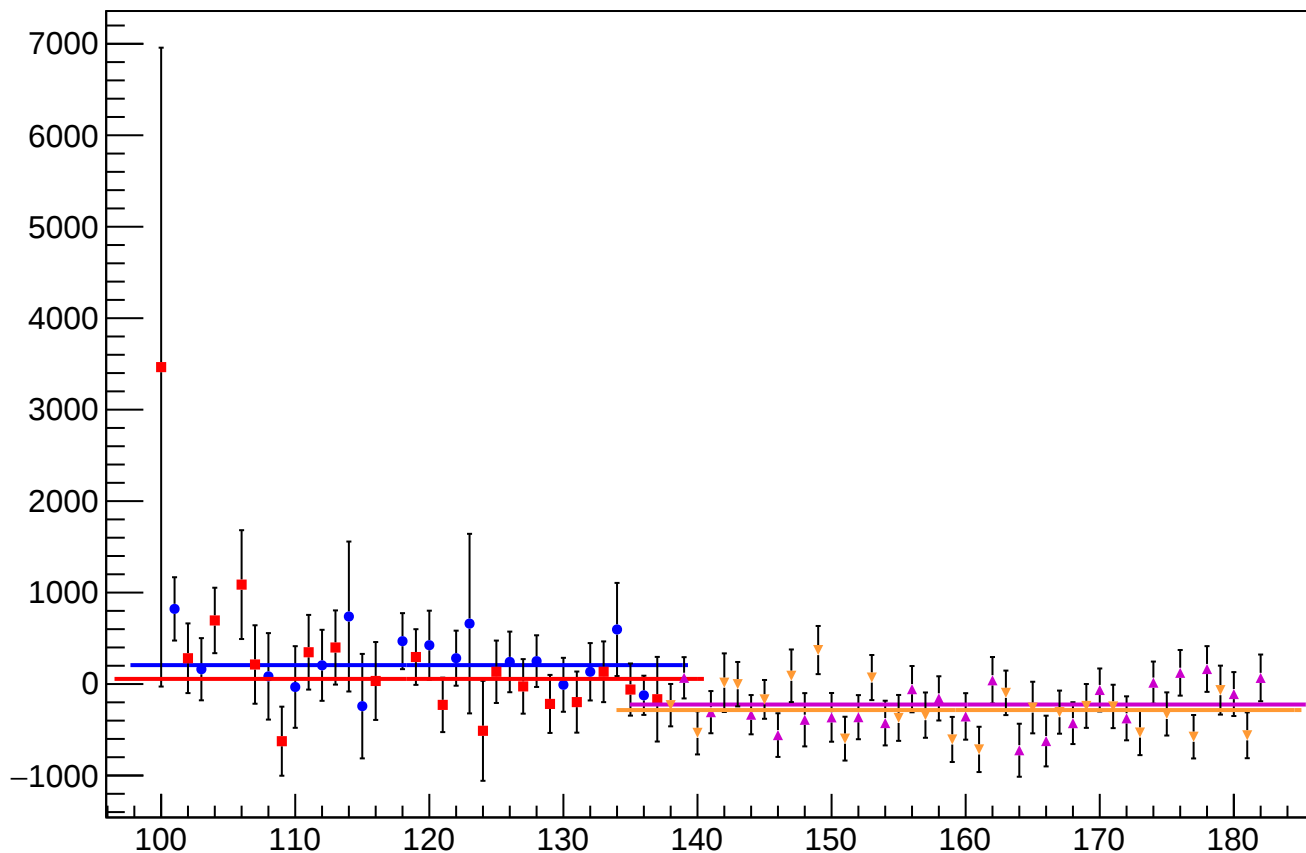
Right: 691.968 $\pm$ 0.135 χ^2 /NDF: 1338046.5/35

In: 670.637 $\pm$ 0.098 χ^2 /NDF: 1174808.8/38

Out: 670.197 $\pm$ 0.097 χ^2 /NDF: 1020874.4/41

All: 670.414 $\pm$ 0.069 χ^2 /NDF: 2195693.5/80

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 $\pm$ 85.632 χ^2 /NDF: 9.5/16

Left Out: -284.532 $\pm$ 51.611 χ^2 /NDF:25.4/22

Right Out: 56.213 $\pm$ 85.167 χ^2 /NDF: 16.6/18

Left In: -223.931 $\pm$ 52.407 χ^2 /NDF:21.2/21

Left: -254.695 $\pm$ 36.773 χ^2 /NDF: 47.2/44

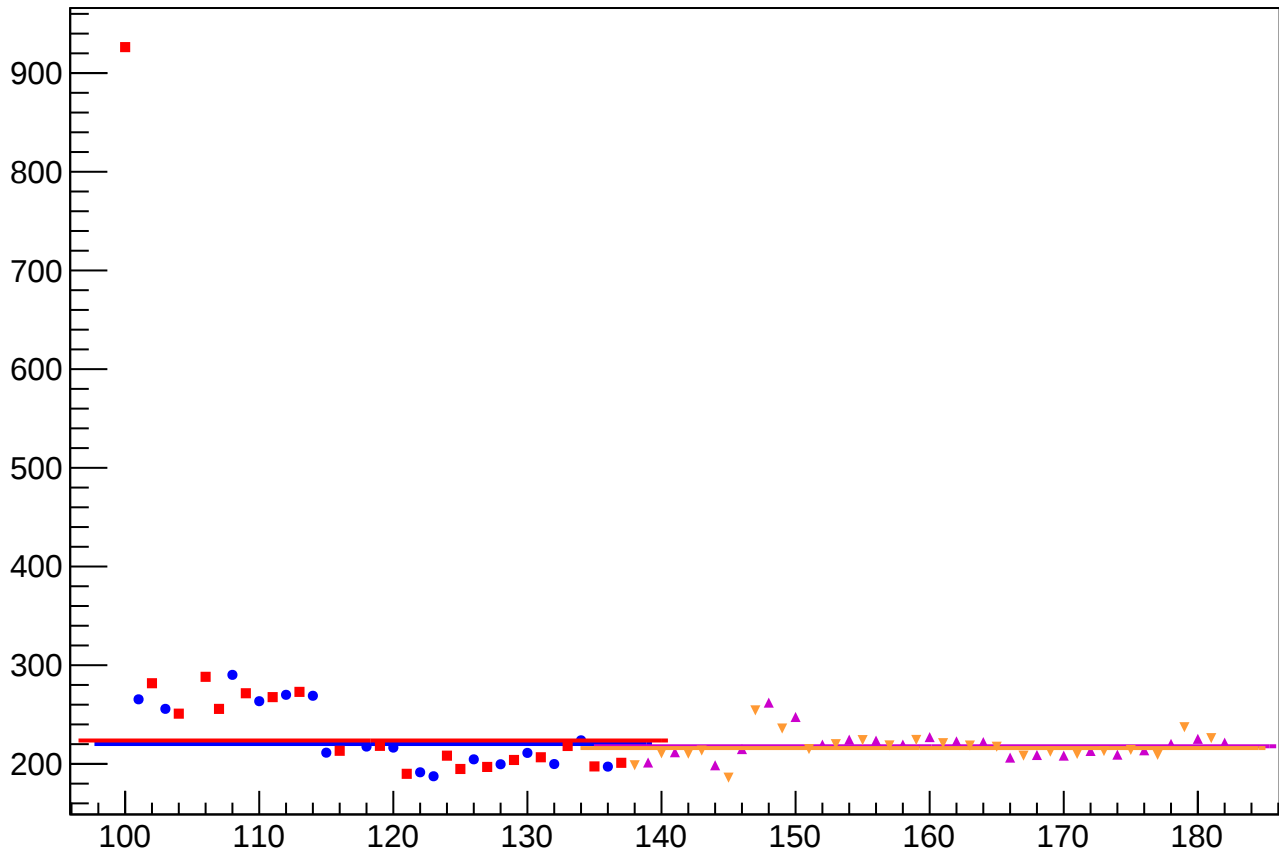
Right: 131.133 $\pm$ 60.386 χ^2 /NDF: 27.7/35

In: -106.542 $\pm$ 44.700 χ^2 /NDF:49.1/38

Out: -193.008 $\pm$ 44.139 χ^2 /NDF:53.7/41

All: -150.321 $\pm$ 31.407 χ^2 /NDF: 104.6/80

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: 216.029 $\pm$ 0.036 χ^2 /NDF: 127498.7/22

Right Out: 223.705 $\pm$ 0.060 χ^2 /NDF: 353242.3/18

Left In: 217.859 $\pm$ 0.037 χ^2 /NDF: 122241.8/21

Left: 216.930 $\pm$ 0.026 χ^2 /NDF: 250978.2/44

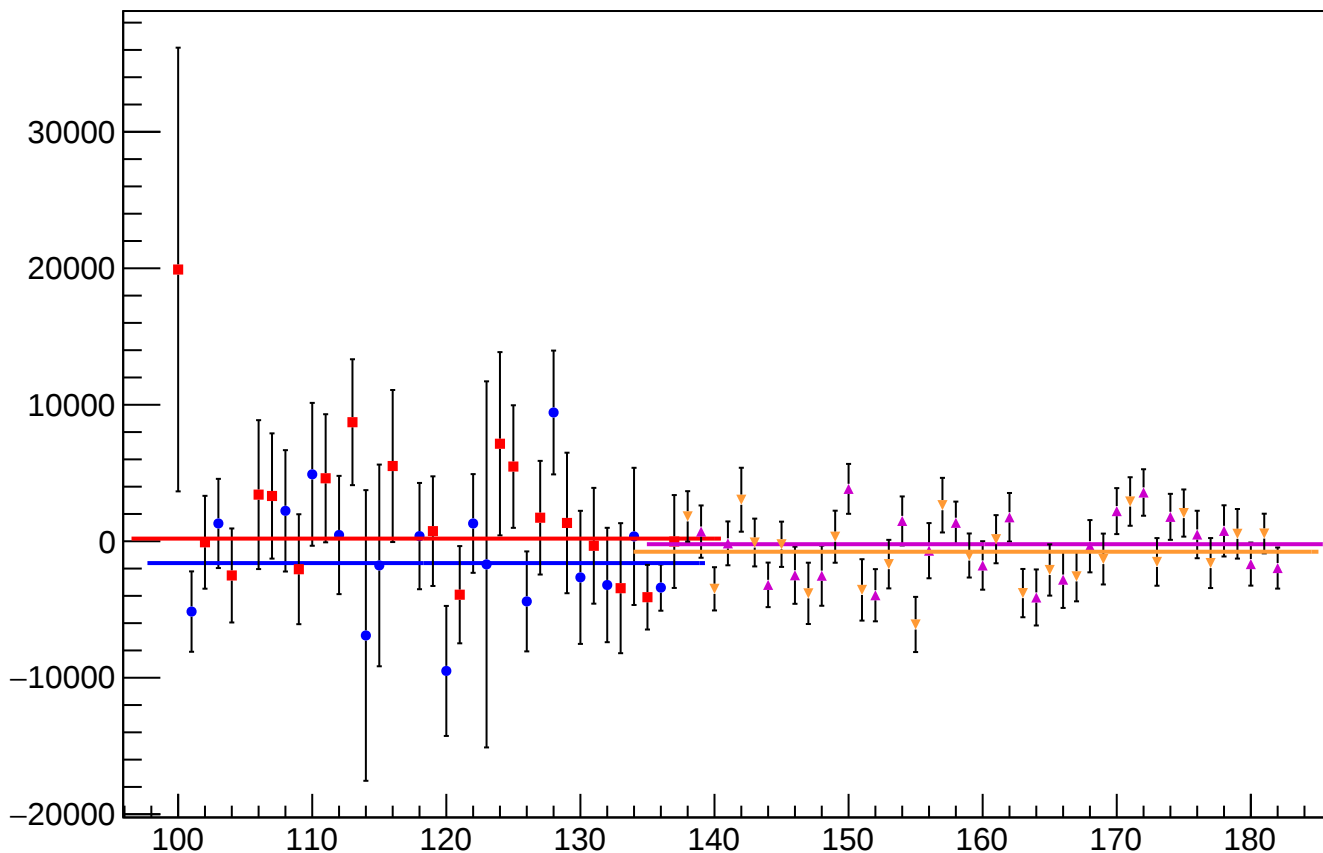
Right: 221.929 $\pm$ 0.043 χ^2 /NDF: 583436.5/35

In: 218.478 $\pm$ 0.032 χ^2 /NDF: 351712.1/38

Out: 218.091 $\pm$ 0.031 χ^2 /NDF: 492626.1/41

All: 218.282 $\pm$ 0.022 χ^2 /NDF: 844414.3/80

asym_sam_26_dd_correction_mean vs Slug, Sign Corrected



Right In: -1599.045 $\pm$ 921.042 χ^2 /NDF: 16.6/16

Left Out: -767.376 $\pm$ 378.126 χ^2 /NDF:35.2/22

Right Out: 194.970 $\pm$ 947.480 χ^2 /NDF: 16.3/18

Left In: -215.535 $\pm$ 380.908 χ^2 /NDF:34.8/21

Left: -493.478 $\pm$ 268.354 χ^2 /NDF: 71.1/44

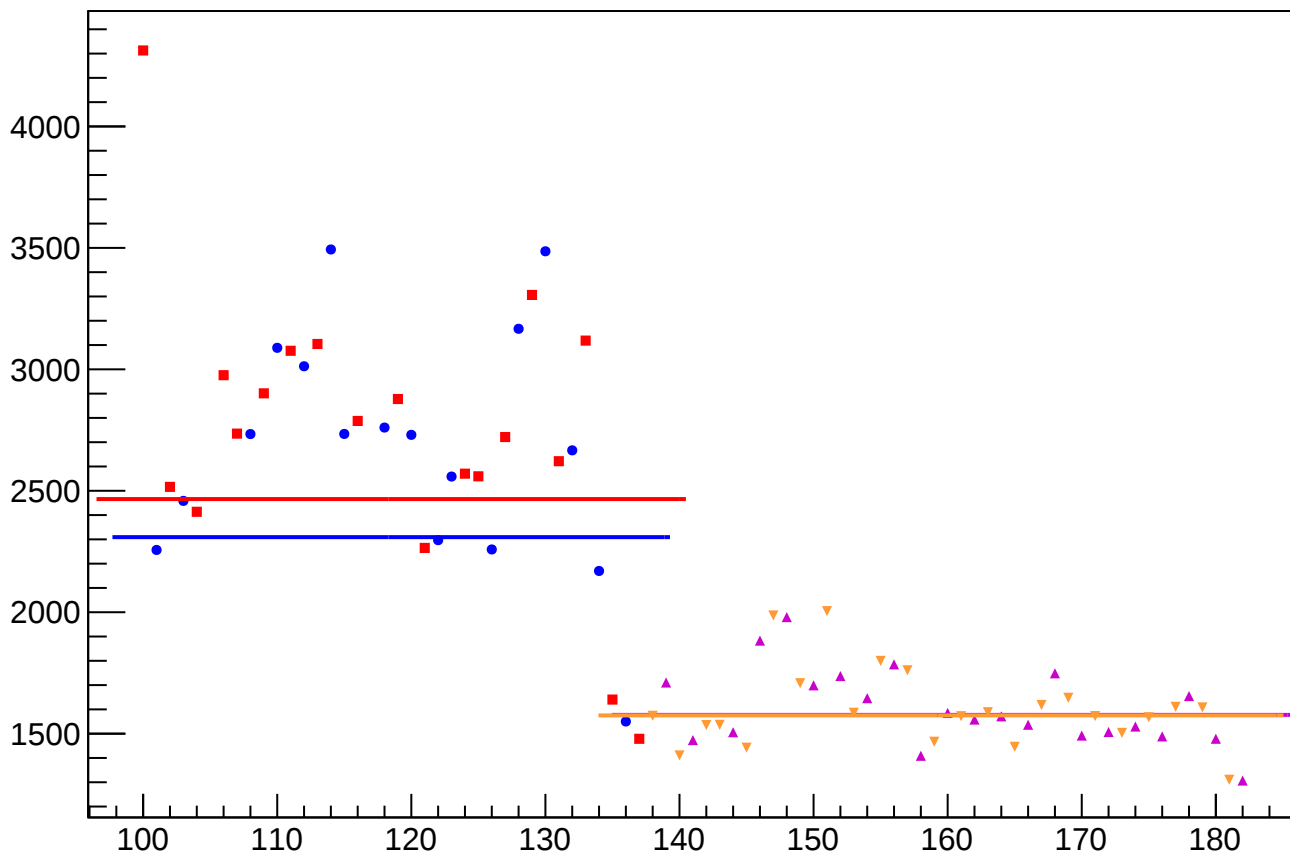
Right: -727.416 $\pm$ 660.424 χ^2 /NDF: 34.8/35

In: -417.602 $\pm$ 351.995 χ^2 /NDF:53.4/38

Out: -635.161 $\pm$ 351.192 χ^2 /NDF:52.4/41

All: -526.630 $\pm$ 248.614 χ^2 /NDF: 105.9/80

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1575.186 $\pm$ 0.267 χ^2 /NDF: 321680.4/22

Right Out: 2465.900 $\pm$ 0.670 χ^2 /NDF: 694086.3/18

Left In: 1577.349 $\pm$ 0.269 χ^2 /NDF: 309576.7/21

Left: 1576.259 $\pm$ 0.190 χ^2 /NDF: 631289.6/44

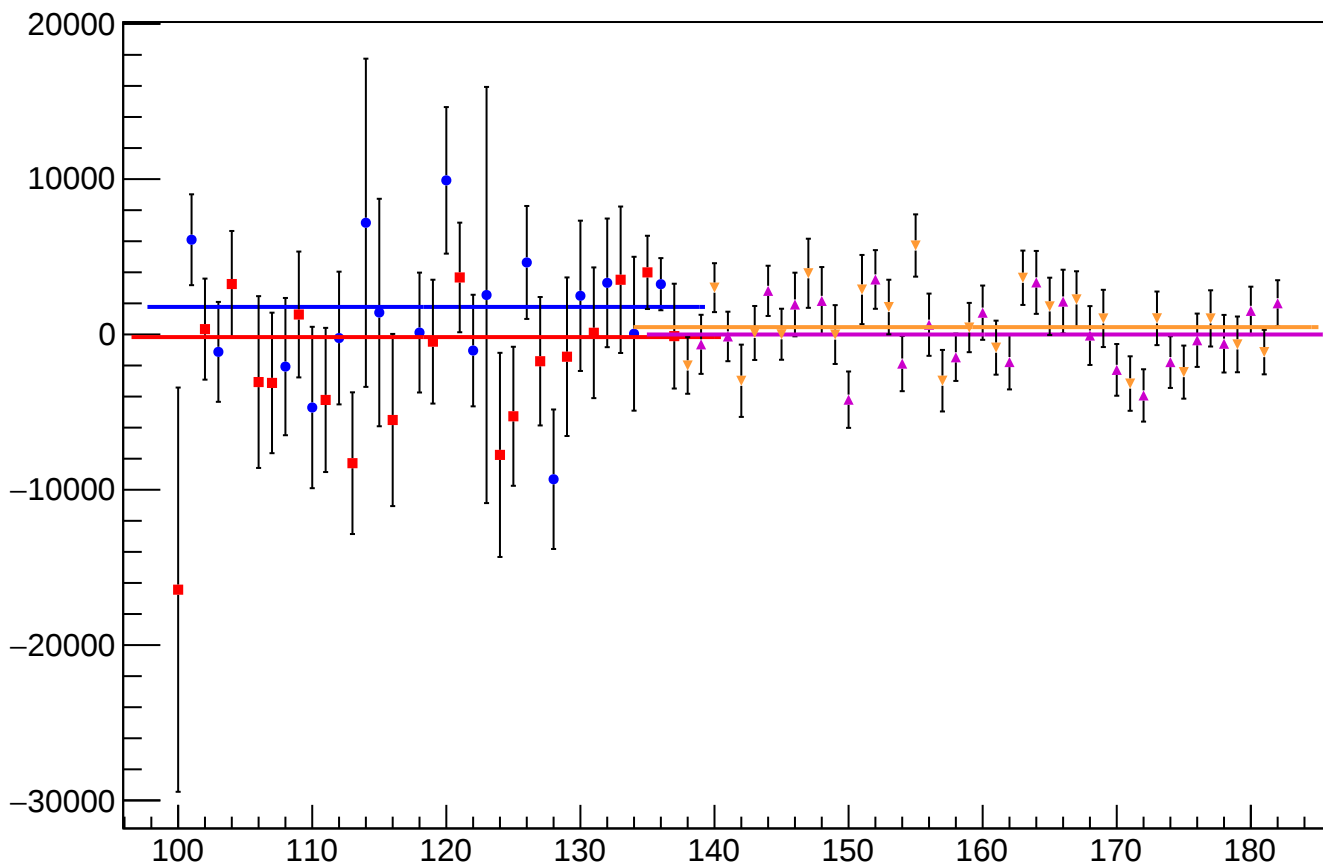
Right: 2385.298 $\pm$ 0.467 χ^2 /NDF: 1522965.3/35

In: 1684.229 $\pm$ 0.249 χ^2 /NDF: 2188421.8/38

Out: 1697.559 $\pm$ 0.248 χ^2 /NDF: 2540456.9/41

All: 1690.909 $\pm$ 0.176 χ^2 /NDF: 4730316.2/80

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 470.896+/-373.864 χ^2/NDF : 35.4/22

Right Out: -170.902+/-937.411 χ^2/NDF : 16.0/18

Left In: -3.667+/-376.293 χ^2/NDF : 32.9/21

Left: 235.151+/-265.216 χ^2/NDF : 69.0/44

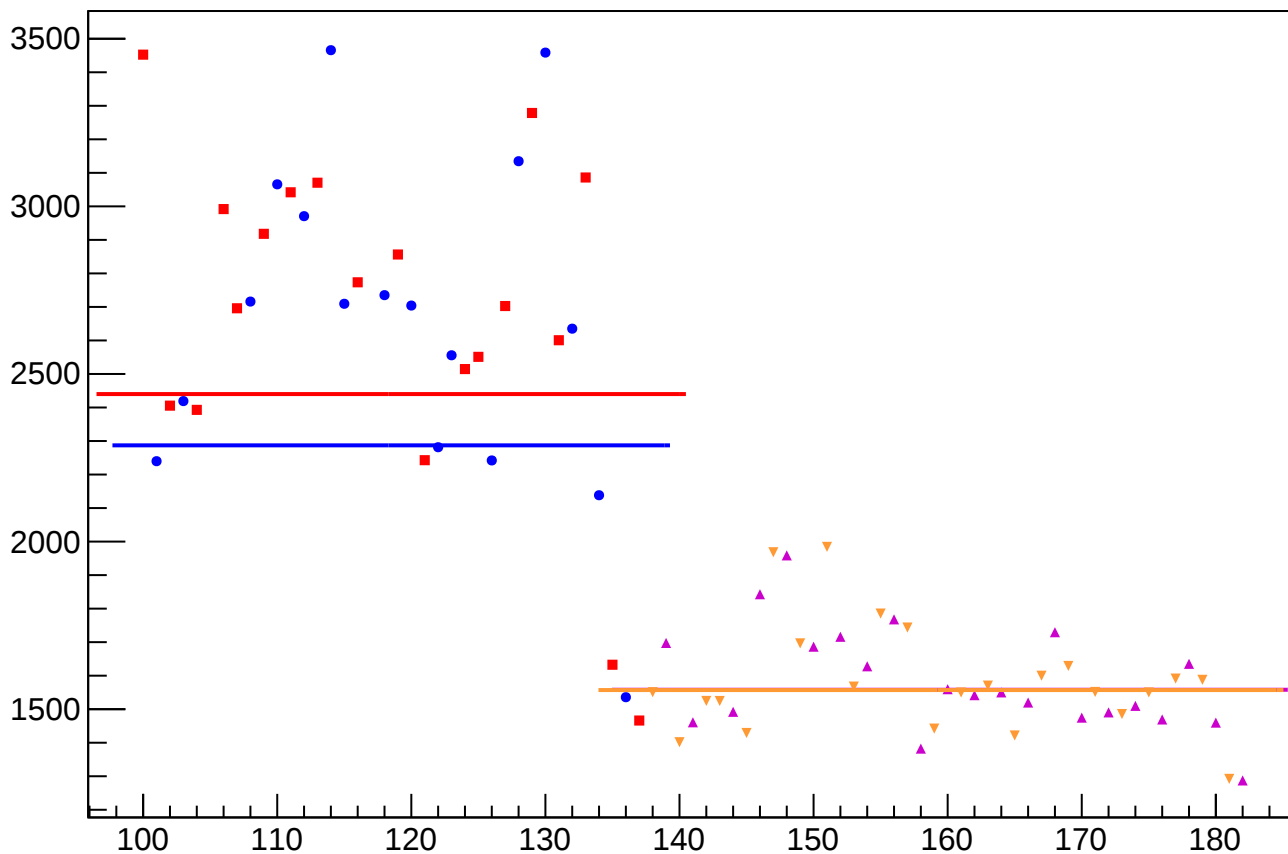
Right: 826.520+/-653.801 χ^2/NDF : 35.6/35

In: 254.384+/-347.865 χ^2/NDF : 53.4/38

Out: 382.820+/-347.264 χ^2/NDF : 51.8/41

All: 318.713+/-245.765 χ^2/NDF : 105.3/80

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1557.111+/-0.264 χ^2/NDF : 327852.5/22

Right Out: 2440.067+/-0.663 χ^2/NDF : 679108.5/18

Left In: 1558.014+/-0.266 χ^2/NDF : 313797.9/21

Left: 1557.559+/-0.188 χ^2/NDF : 641656.2/44

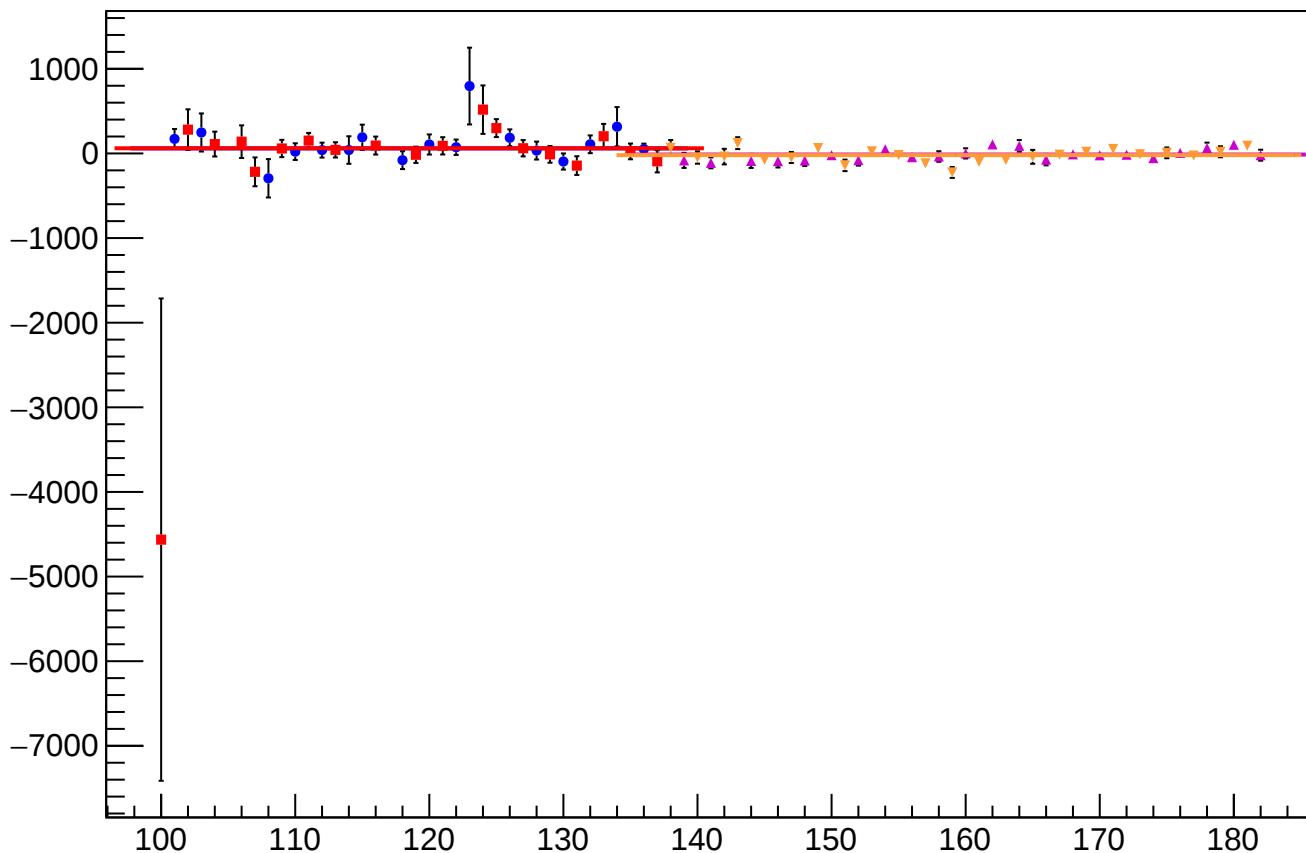
Right: 2361.511+/-0.462 χ^2/NDF : 1505856.7/35

In: 1664.012+/-0.246 χ^2/NDF : 2204784.1/38

Out: 1678.282+/-0.246 χ^2/NDF : 2537842.7/41

All: 1671.160+/-0.174 χ^2/NDF : 4744312.4/80

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656+/-27.080 χ^2/NDF : 15.3/16

Left Out: -19.904+/-12.367 χ^2/NDF : 35.5/22

Right Out: 60.983+/-27.009 χ^2/NDF : 22.3/18

Left In: -13.037+/-12.614 χ^2/NDF : 23.1/21

Left: -16.539+/-8.831 χ^2/NDF : 58.8/44

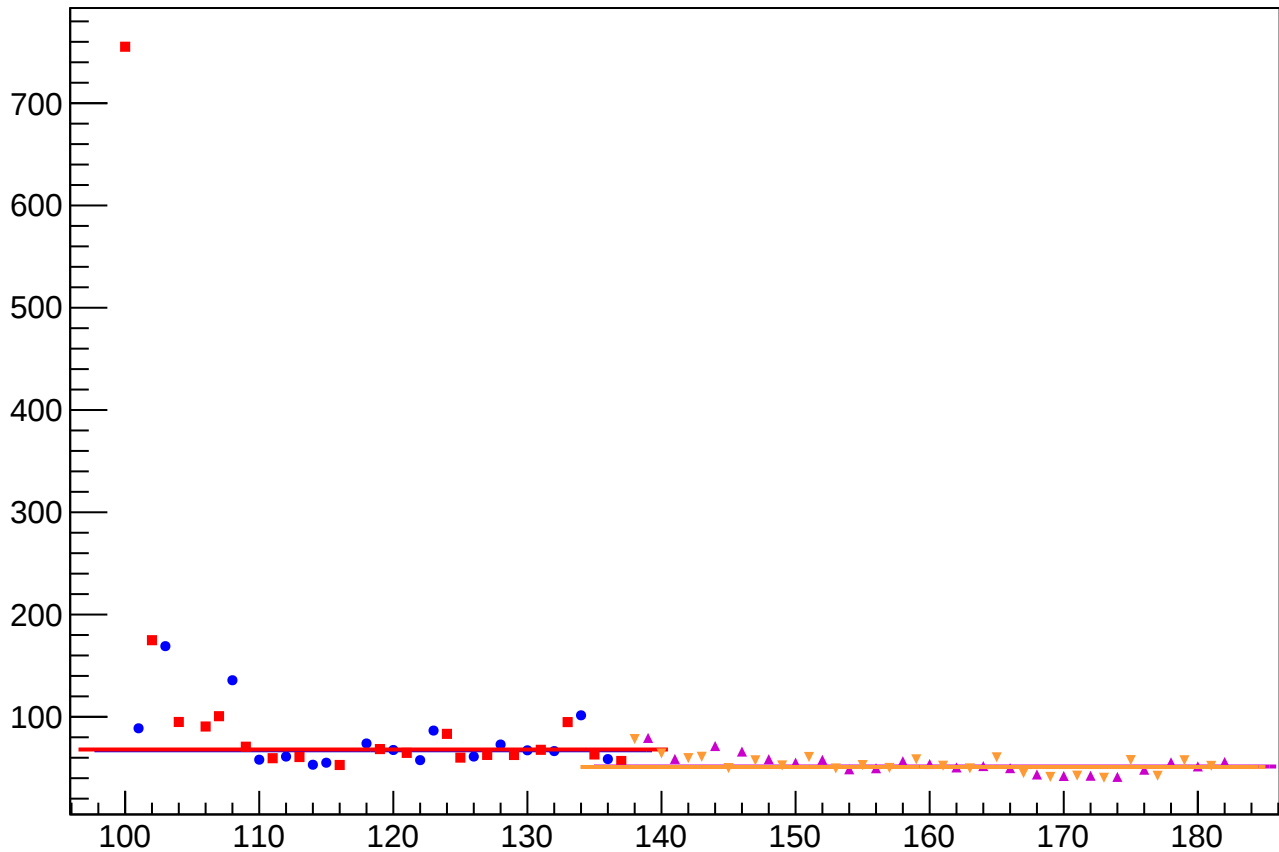
Right: 60.322+/-19.123 χ^2/NDF : 37.7/35

In: -0.076+/-11.435 χ^2/NDF : 44.4/38

Out: -5.886+/-11.244 χ^2/NDF : 65.2/41

All: -3.029+/-8.017 χ^2/NDF : 109.7/80

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297 $\pm$ 0.019 χ^2 /NDF: 841352.2/16

Left Out: 50.964 $\pm$ 0.009 χ^2 /NDF: 807439.7/22

Right Out: 68.060 $\pm$ 0.019 χ^2 /NDF: 870616.5/18

Left In: 51.437 $\pm$ 0.009 χ^2 /NDF: 815205.5/21

Left: 51.196 $\pm$ 0.006 χ^2 /NDF: 1624083.2/44

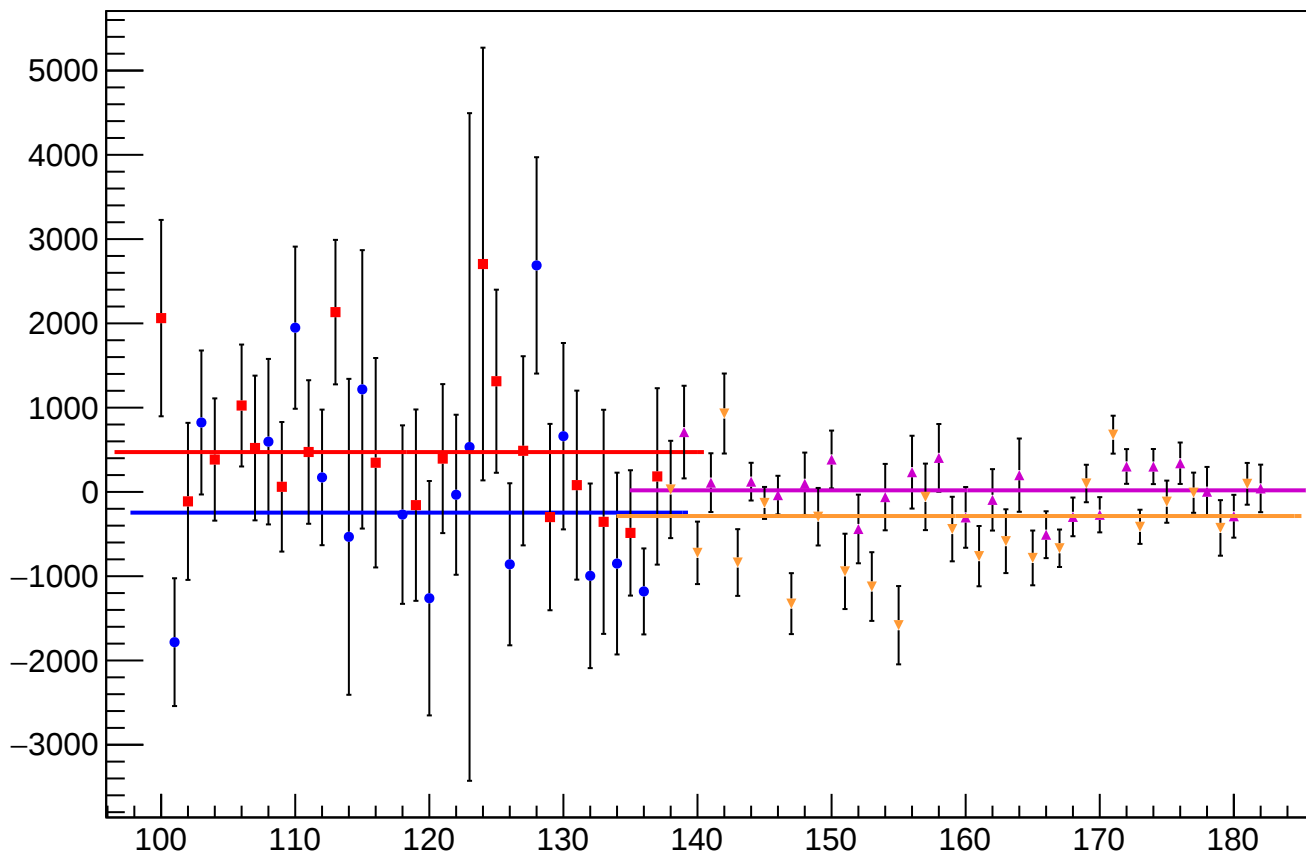
Right: 67.679 $\pm$ 0.014 χ^2 /NDF: 1712764.6/35

In: 54.265 $\pm$ 0.008 χ^2 /NDF: 2220243.2/38

Out: 53.927 $\pm$ 0.008 χ^2 /NDF: 2340491.8/41

All: 54.093 $\pm$ 0.006 χ^2 /NDF: 4561626.5/80

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2/NDF : 23.8/16

Left Out: -285.908 $\pm$ 61.794 χ^2/NDF : 67.6/22

Right Out: 472.860 $\pm$ 218.823 χ^2/NDF : 11.3/18

Left In: 18.878 $\pm$ 61.035 χ^2/NDF : 20.9/21

Left: -131.633 $\pm$ 43.424 χ^2/NDF : 100.9/44

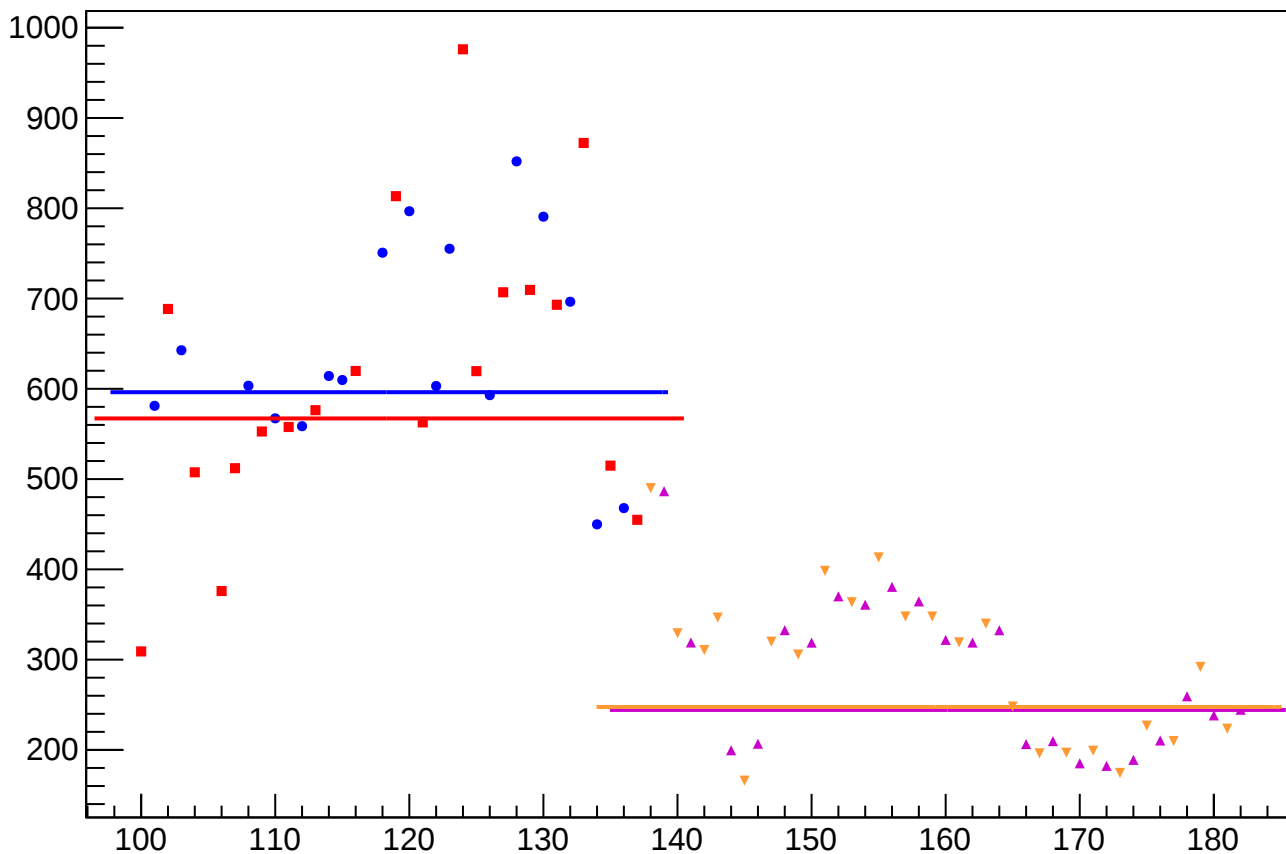
Right: 139.807 $\pm$ 160.273 χ^2/NDF : 40.1/35

In: 2.216 $\pm$ 59.082 χ^2/NDF : 45.9/38

Out: -229.869 $\pm$ 59.468 χ^2/NDF : 90.1/41

All: -113.070 $\pm$ 41.913 χ^2/NDF : 143.6/80

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: 247.546 $\pm$ 0.044 χ^2 /NDF: 2909891.2/22

Right Out: 567.177 $\pm$ 0.155 χ^2 /NDF: 675391.6/18

Left In: 244.281 $\pm$ 0.043 χ^2 /NDF: 2433741.3/21

Left: 245.893 $\pm$ 0.031 χ^2 /NDF: 5346458.6/44

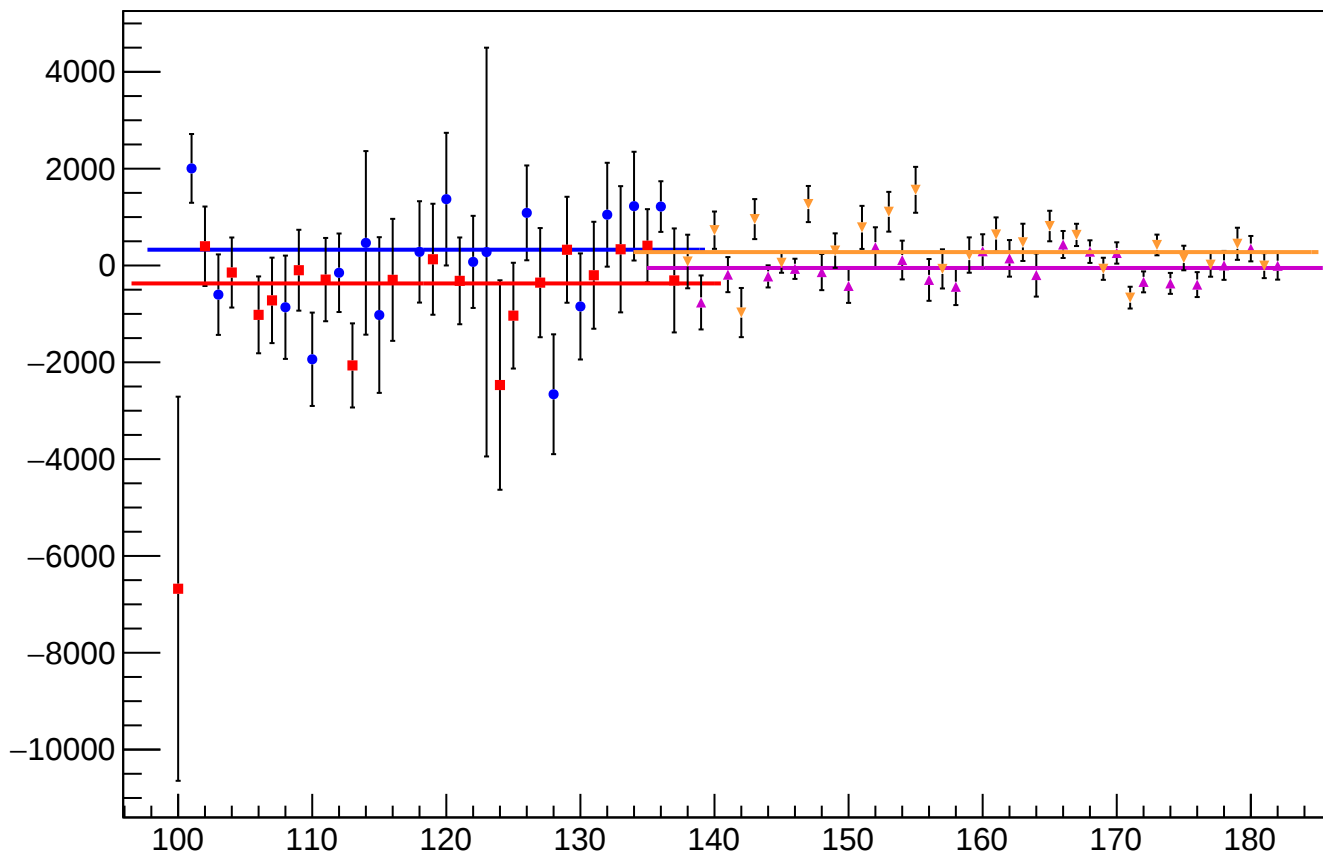
Right: 580.651 $\pm$ 0.113 χ^2 /NDF: 1113905.5/35

In: 266.451 $\pm$ 0.042 χ^2 /NDF: 7045224.5/38

Out: 271.152 $\pm$ 0.042 χ^2 /NDF: 7537314.4/41

All: 268.786 $\pm$ 0.030 χ^2 /NDF: 14588827.8/80

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2/NDF : 26.9/16

Left Out: 276.747 $\pm$ 63.511 χ^2/NDF :61.7/22

Right Out: -370.721 $\pm$ 224.892 χ^2/NDF : 11.5/18

Left In: -51.496 $\pm$ 61.951 χ^2/NDF :22.7/21

Left: 108.546 $\pm$ 44.347 χ^2/NDF : 98.1/44

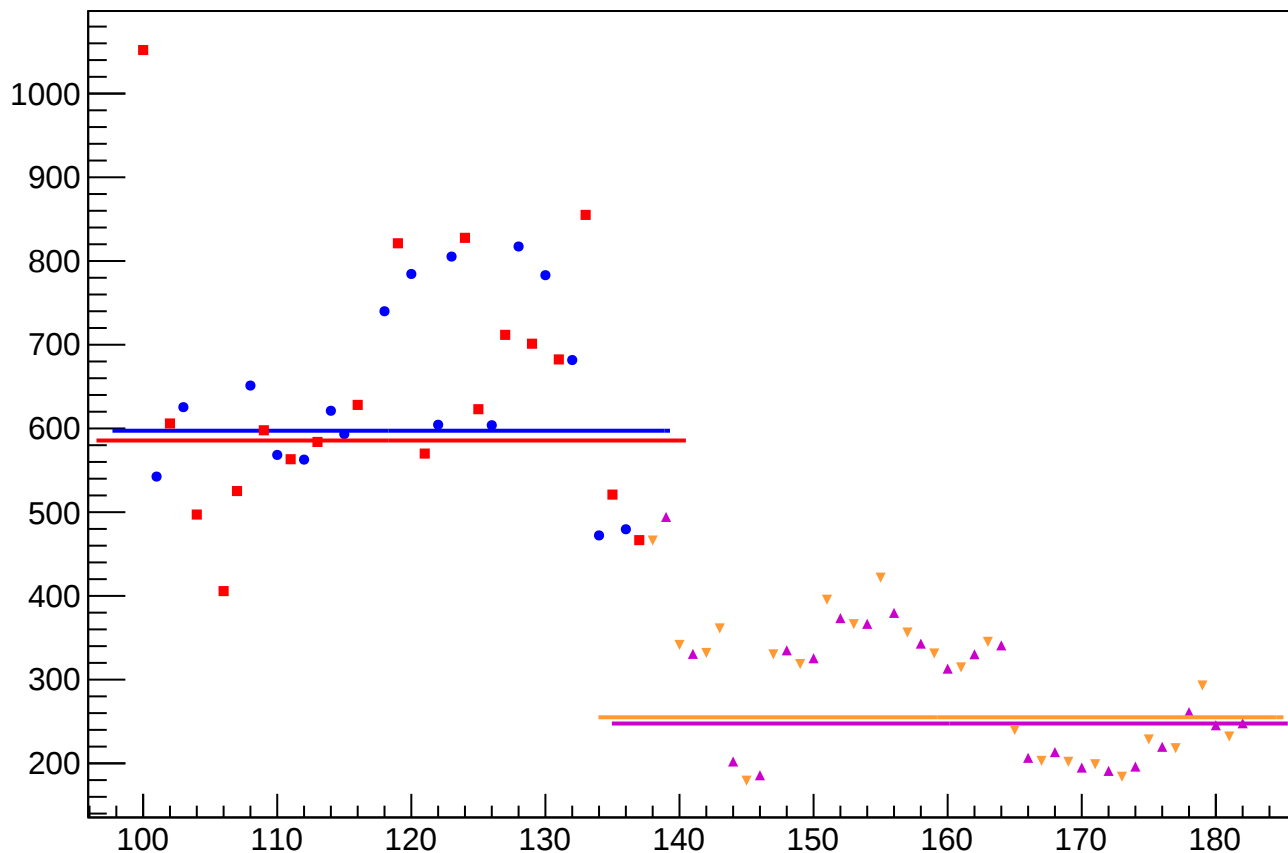
Right: -38.515 $\pm$ 162.676 χ^2/NDF : 43.0/35

In: -27.078 $\pm$ 59.914 χ^2/NDF :52.0/38

Out: 228.924 $\pm$ 61.120 χ^2/NDF :80.9/41

All: 98.373 $\pm$ 42.786 χ^2/NDF : 141.8/80

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 255.013 $\pm$ 0.045 χ^2 /NDF: 2625838.8/22

Right Out: 585.615 $\pm$ 0.159 χ^2 /NDF: 474610.2/18

Left In: 247.573 $\pm$ 0.044 χ^2 /NDF: 2370455.0/21

Left: 251.201 $\pm$ 0.031 χ^2 /NDF: 5010359.5/44

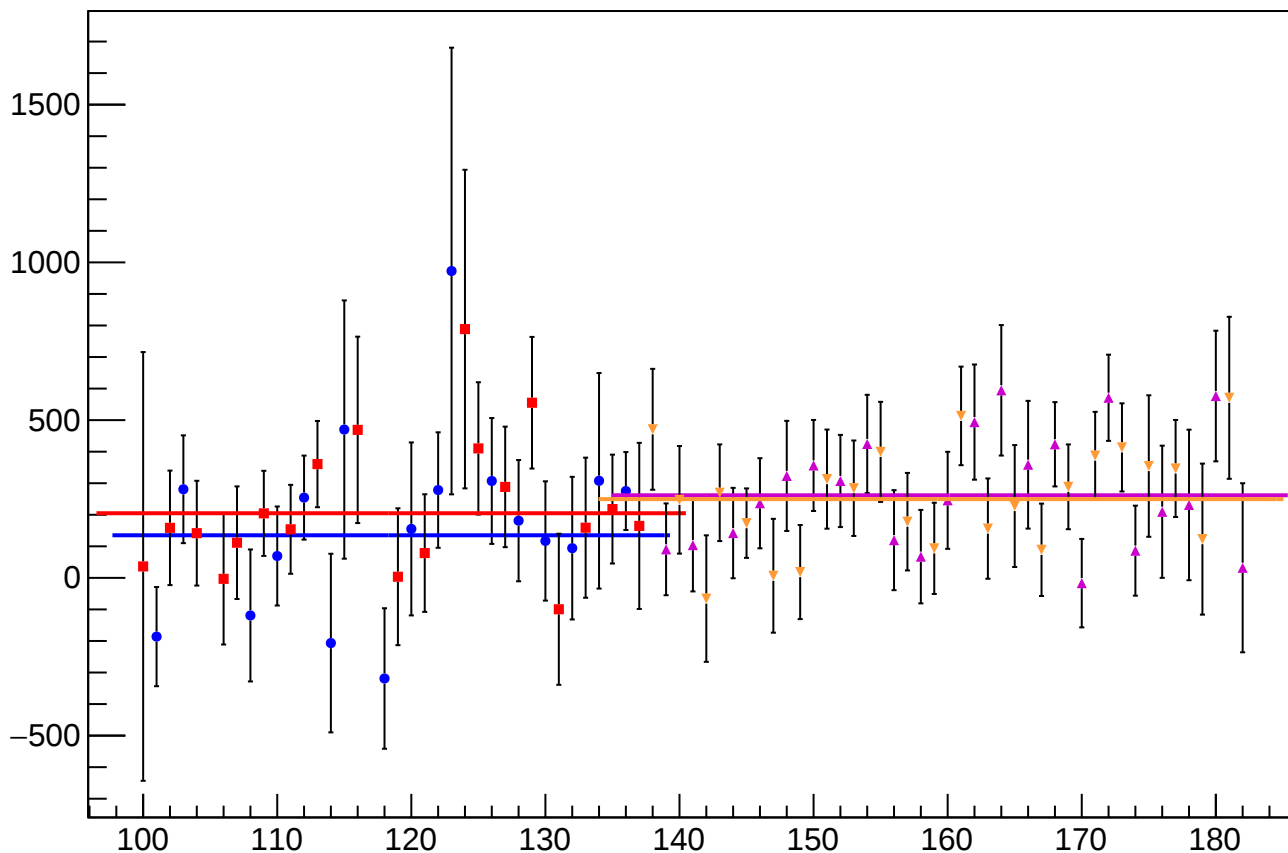
Right: 591.185 $\pm$ 0.115 χ^2 /NDF: 840841.8/35

In: 270.190 $\pm$ 0.042 χ^2 /NDF: 6856031.1/38

Out: 279.432 $\pm$ 0.043 χ^2 /NDF: 7103291.8/41

All: 274.719 $\pm$ 0.030 χ^2 /NDF: 13982642.5/80

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 135.029 $\pm$ 47.025 χ^2/NDF : 18.1/16

Left Out: 249.620 $\pm$ 33.182 χ^2/NDF : 20.3/22

Right Out: 204.866 $\pm$ 44.440 χ^2/NDF : 12.1/18

Left In: 261.825 $\pm$ 34.239 χ^2/NDF : 27.2/21

Left: 255.531 $\pm$ 23.828 χ^2/NDF : 47.6/44

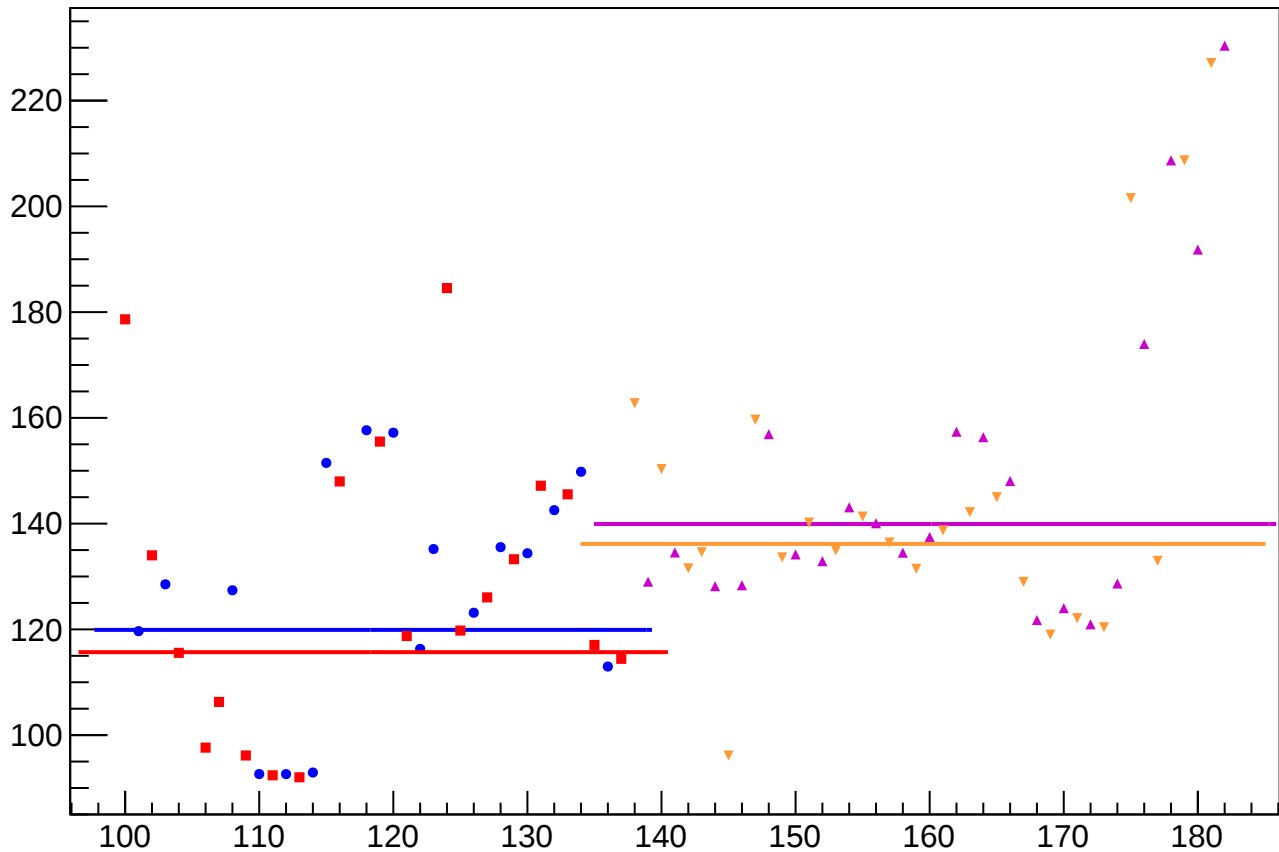
Right: 171.919 $\pm$ 32.299 χ^2/NDF : 31.3/35

In: 217.894 $\pm$ 27.680 χ^2/NDF : 50.0/38

Out: 233.600 $\pm$ 26.588 χ^2/NDF : 33.1/41

All: 226.063 $\pm$ 19.175 χ^2/NDF : 83.2/80

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 136.166 $\pm$ 0.023 χ^2 /NDF: 1054797.6/22

Right Out: 115.693 $\pm$ 0.031 χ^2 /NDF: 435335.9/18

Left In: 139.926 $\pm$ 0.024 χ^2 /NDF: 791856.1/21

Left: 137.987 $\pm$ 0.017 χ^2 /NDF: 1859086.7/44

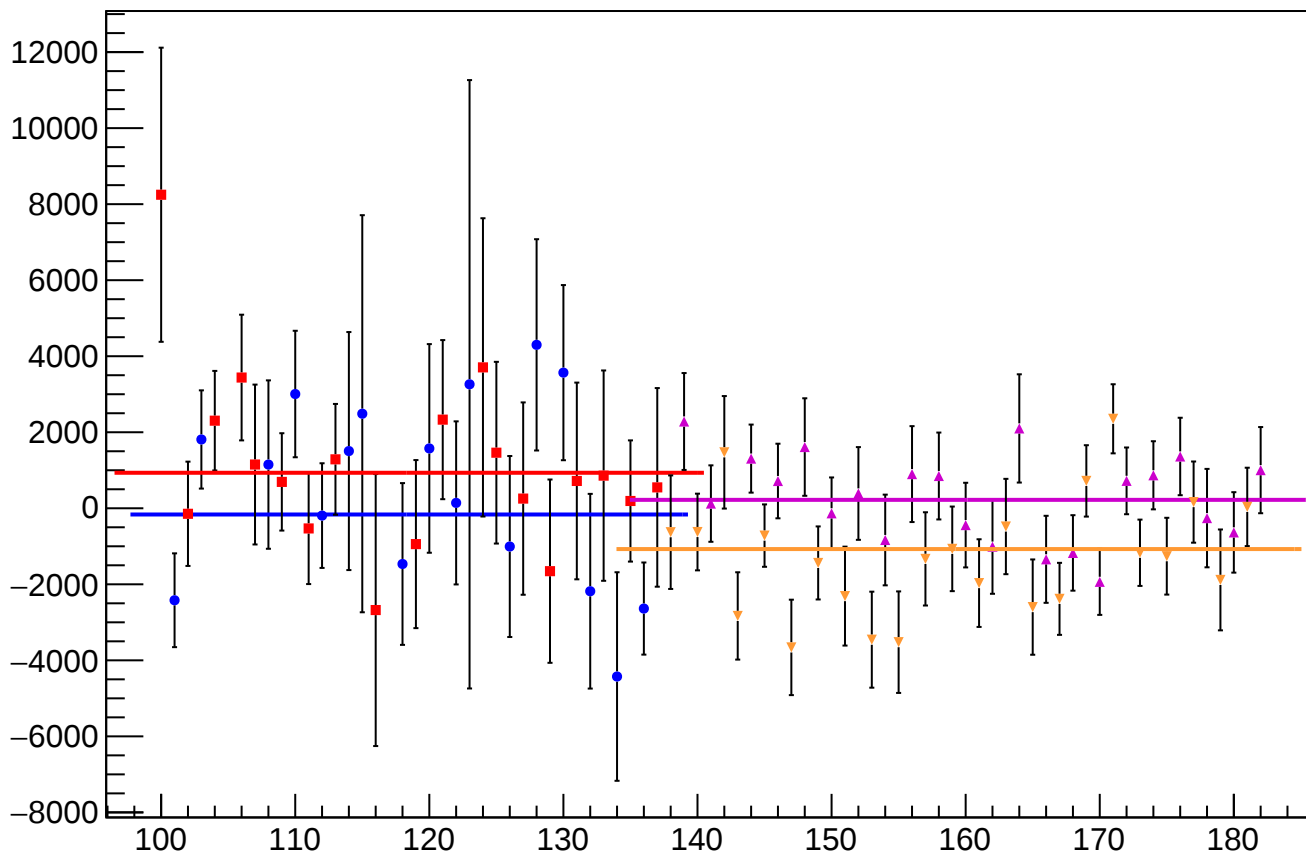
Right: 117.679 $\pm$ 0.023 χ^2 /NDF: 789317.7/35

In: 132.988 $\pm$ 0.020 χ^2 /NDF: 1374321.6/38

Out: 128.838 $\pm$ 0.019 χ^2 /NDF: 1762679.6/41

All: 130.830 $\pm$ 0.014 χ^2 /NDF: 3160392.7/80

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: -1073.008 $\pm$ 227.840 χ^2 /NDF:43.0/22

Right Out: 933.992 $\pm$ 437.648 χ^2 /NDF: 12.9/18

Left In: 221.671 $\pm$ 228.118 χ^2 /NDF:23.5/21

Left: -426.457 $\pm$ 161.205 χ^2 /NDF: 82.7/44

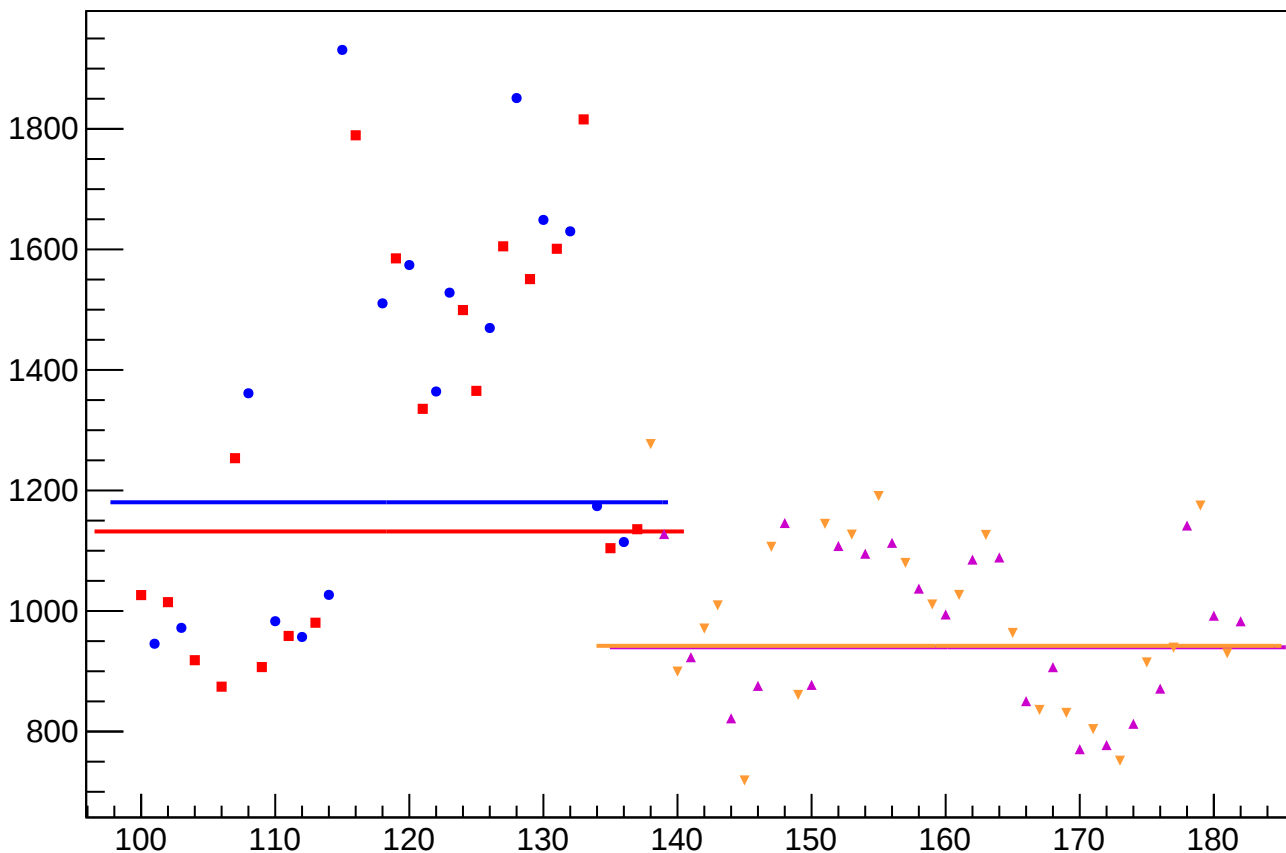
Right: 423.822 $\pm$ 320.162 χ^2 /NDF: 39.5/35

In: 148.124 $\pm$ 205.189 χ^2 /NDF:47.8/38

Out: -645.048 $\pm$ 202.094 χ^2 /NDF:72.5/41

All: -254.489 $\pm$ 143.984 χ^2 /NDF: 127.8/80

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 942.223+/-0.161 χ^2/NDF : 814469.1/22

Right Out: 1131.979+/-0.309 χ^2/NDF : 761904.0/18

Left In: 939.780+/-0.161 χ^2/NDF : 590182.8/21

Left: 941.003+/-0.114 χ^2/NDF : 1404766.7/44

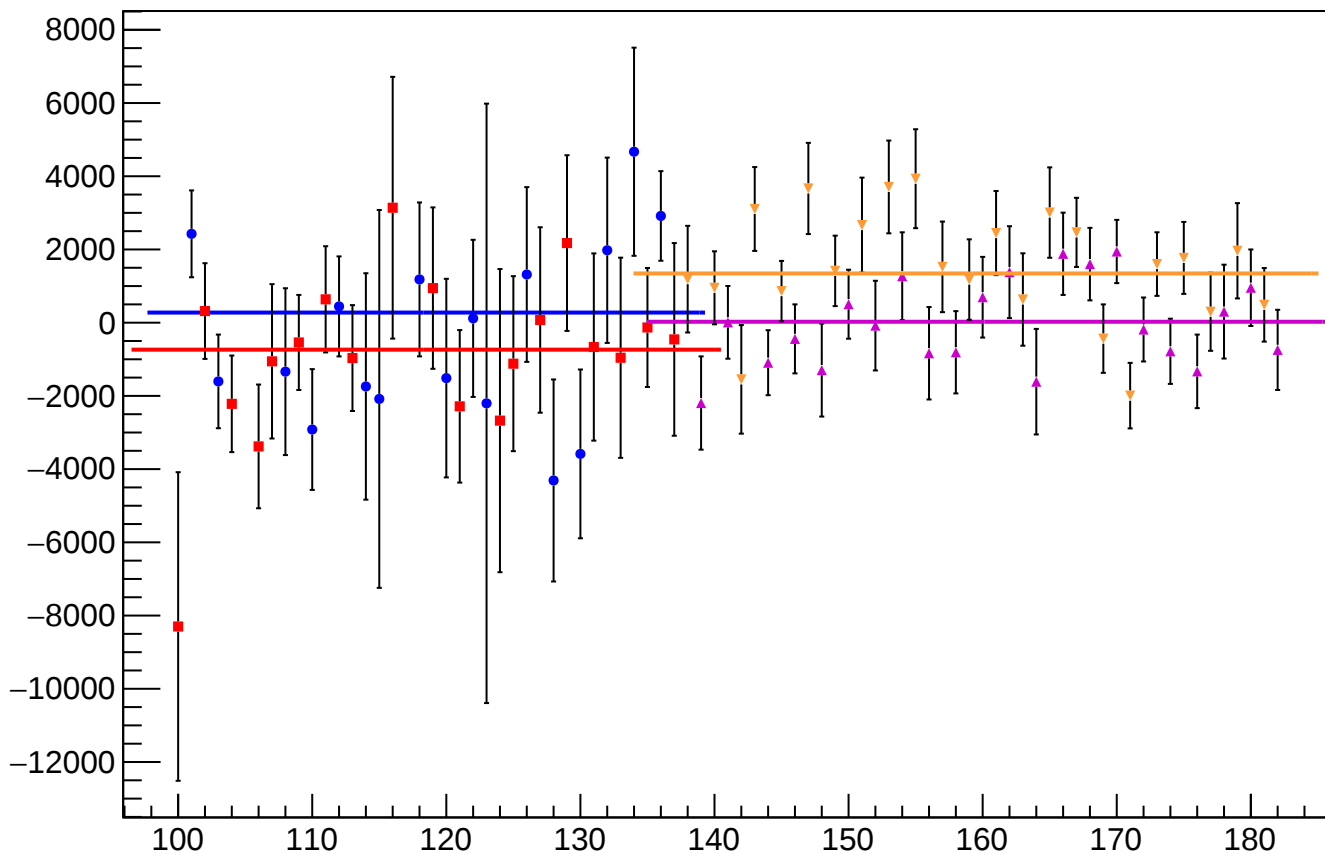
Right: 1154.488+/-0.226 χ^2/NDF : 1442131.1/35

In: 985.722+/-0.145 χ^2/NDF : 1683892.6/38

Out: 982.685+/-0.143 χ^2/NDF : 1872183.9/41

All: 984.180+/-0.102 χ^2/NDF : 3556298.8/80

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422+/-466.424 χ^2/NDF : 24.3/16

Left Out: 1344.498+/-226.372 χ^2/NDF : 42.6/22

Right Out: -736.749+/-437.448 χ^2/NDF : 12.8/18

Left In: 25.281+/-226.092 χ^2/NDF : 25.4/21

Left: 684.071+/-159.970 χ^2/NDF : 84.9/44

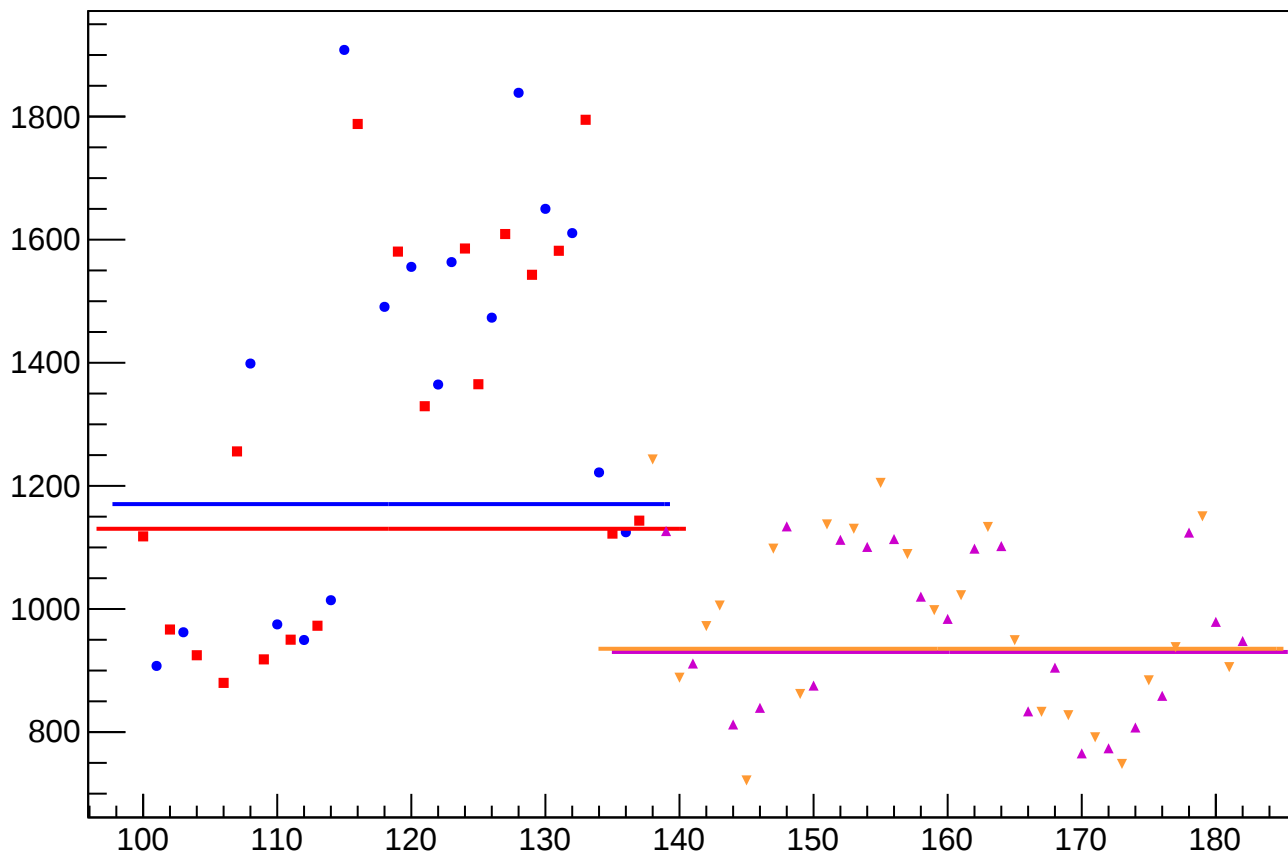
Right: -262.610+/-319.075 χ^2/NDF : 39.7/35

In: 73.063+/-203.450 χ^2/NDF : 49.9/38

Out: 904.886+/-201.048 χ^2/NDF : 73.3/41

All: 493.913+/-143.004 χ^2/NDF : 131.6/80

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 935.392 $\pm$ 0.160 χ^2 /NDF: 813236.1/22

Right Out: 1130.322 $\pm$ 0.309 χ^2 /NDF: 763044.5/18

Left In: 930.193 $\pm$ 0.160 χ^2 /NDF: 620858.0/21

Left: 932.789 $\pm$ 0.113 χ^2 /NDF: 1434622.2/44

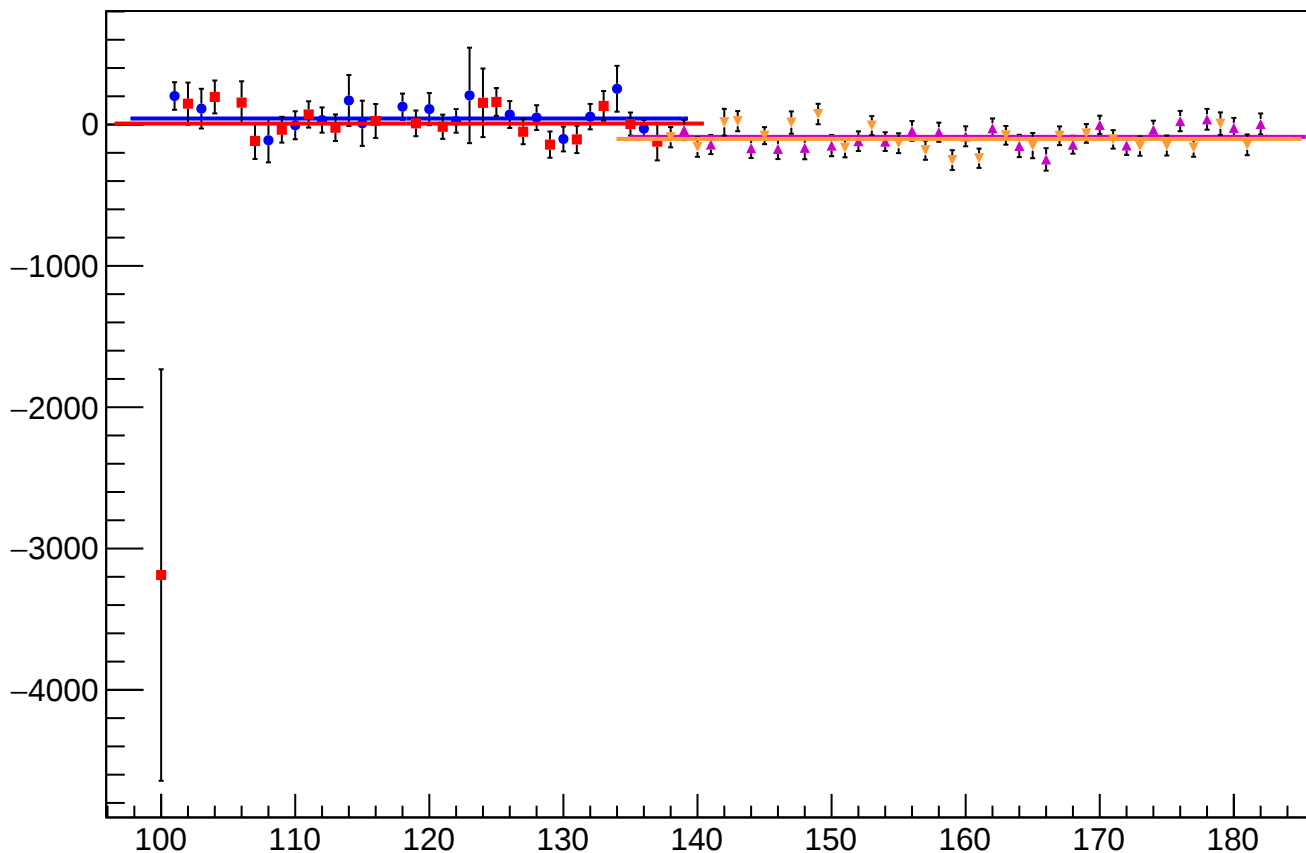
Right: 1149.080 $\pm$ 0.226 χ^2 /NDF: 1476389.1/35

In: 975.896 $\pm$ 0.144 χ^2 /NDF: 1755880.3/38

Out: 976.566 $\pm$ 0.142 χ^2 /NDF: 1889529.0/41

All: 976.235 $\pm$ 0.101 χ^2 /NDF: 3645420.3/80

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: -101.767 ± 14.683 $\chi^2/\text{NDF}: 31.3/22$

Right Out: 7.090 ± 24.489 $\chi^2/\text{NDF}: 20.6/18$

Left In: -87.035 ± 15.012 $\chi^2/\text{NDF}: 23.4/21$

Left: -94.565 ± 10.497 $\chi^2/\text{NDF}: 55.3/44$

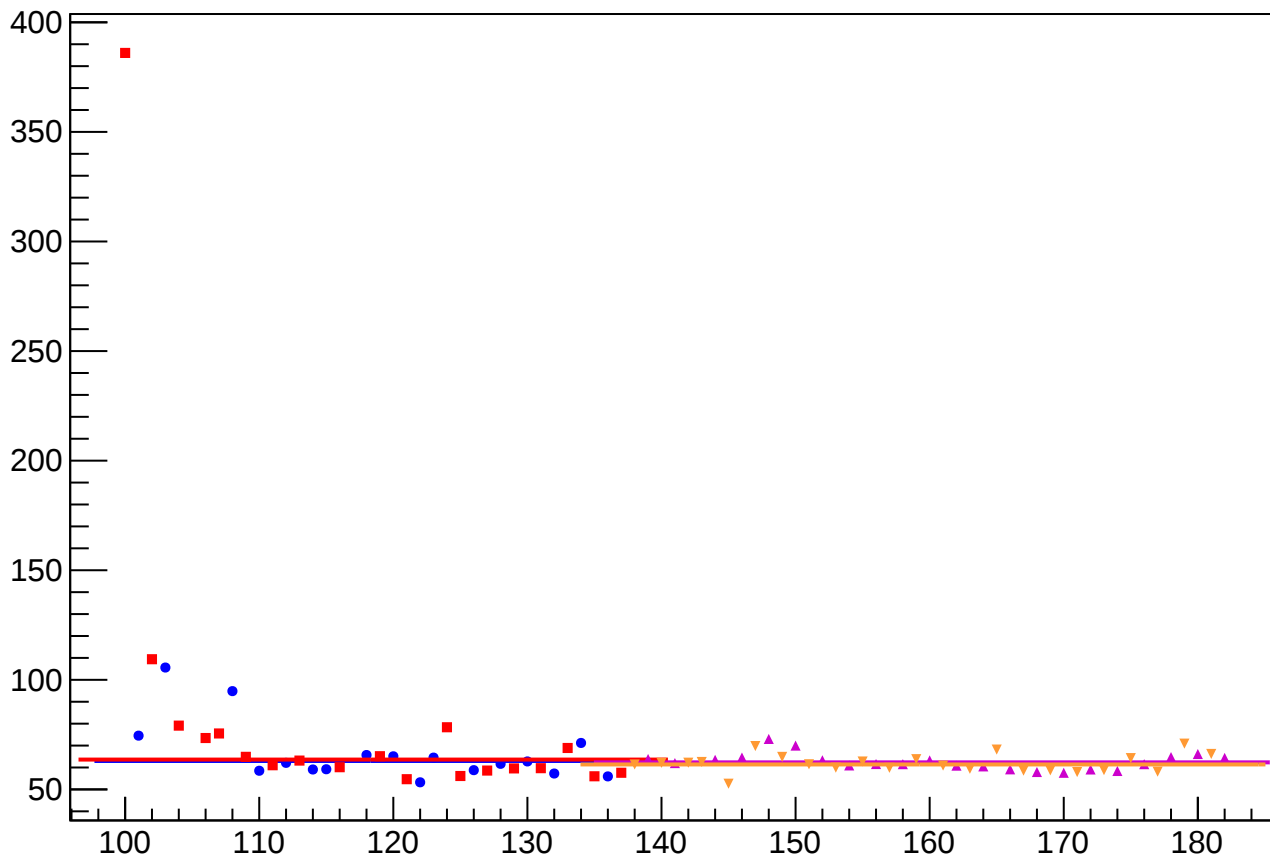
Right: 24.729 ± 17.391 $\chi^2/\text{NDF}: 33.6/35$

In: -52.047 ± 12.829 $\chi^2/\text{NDF}: 55.6/38$

Out: -72.982 ± 12.593 $\chi^2/\text{NDF}: 66.5/41$

All: -62.709 ± 8.987 $\chi^2/\text{NDF}: 123.4/80$

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 62.980 $\pm$ 0.017 χ^2 /NDF: 375263.3/16

Left Out: 61.392 $\pm$ 0.010 χ^2 /NDF: 149777.3/22

Right Out: 63.613 $\pm$ 0.017 χ^2 /NDF: 433549.0/18

Left In: 62.345 $\pm$ 0.011 χ^2 /NDF: 108262.0/21

Left: 61.858 $\pm$ 0.007 χ^2 /NDF: 262161.2/44

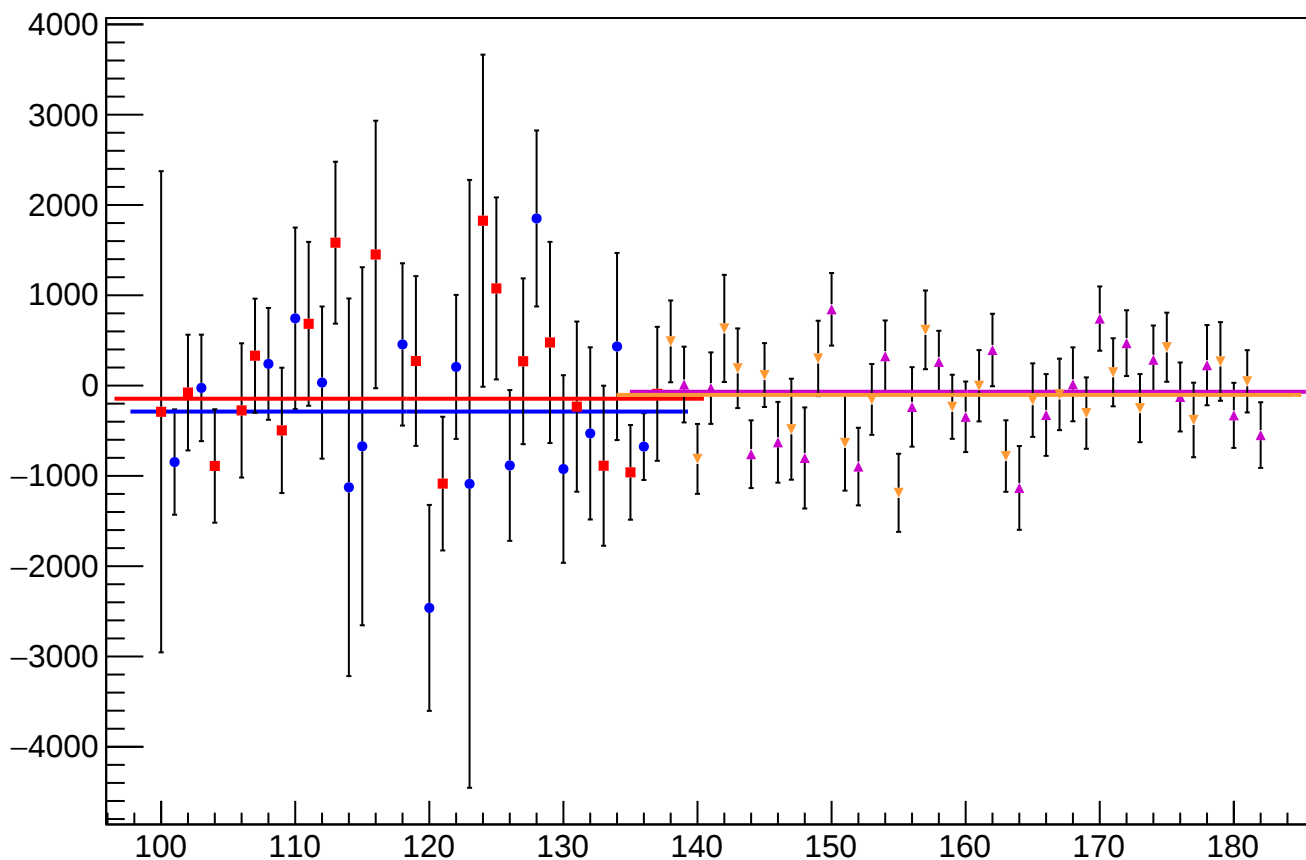
Right: 63.300 $\pm$ 0.012 χ^2 /NDF: 809475.4/35

In: 62.516 $\pm$ 0.009 χ^2 /NDF: 484490.8/38

Out: 61.979 $\pm$ 0.009 χ^2 /NDF: 595434.9/41

All: 62.243 $\pm$ 0.006 χ^2 /NDF: 1081711.3/80

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 $\pm$ 189.888 χ^2 /NDF: 15.4/16

Left Out: -103.104 $\pm$ 85.393 χ^2 /NDF:26.2/22

Right Out: -145.341 $\pm$ 187.312 χ^2 /NDF: 16.1/18

Left In: -68.564 $\pm$ 85.511 χ^2 /NDF:36.1/21

Left: -85.858 $\pm$ 60.424 χ^2 /NDF: 62.3/44

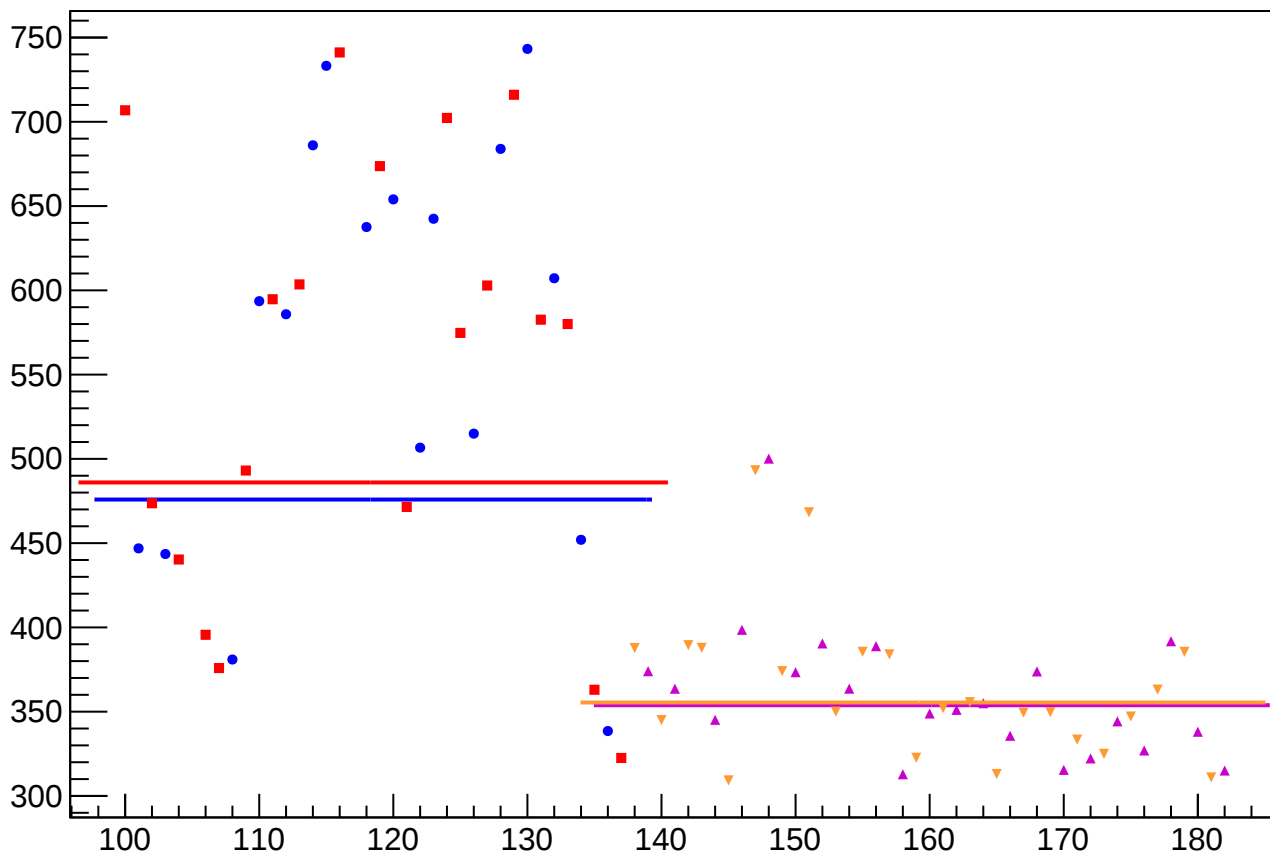
Right: -215.540 $\pm$ 133.351 χ^2 /NDF: 31.7/35

In: -105.507 $\pm$ 77.970 χ^2 /NDF:52.6/38

Out: -110.372 $\pm$ 77.699 χ^2 /NDF:42.3/41

All: -107.948 $\pm$ 55.037 χ^2 /NDF: 94.8/80

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 355.454+/-0.060 χ^2/NDF : 402503.1/22

Right Out: 486.011+/-0.132 χ^2/NDF : 730123.7/18

Left In: 353.826+/-0.060 χ^2/NDF : 324070.4/21

Left: 354.641+/-0.043 χ^2/NDF : 726936.3/44

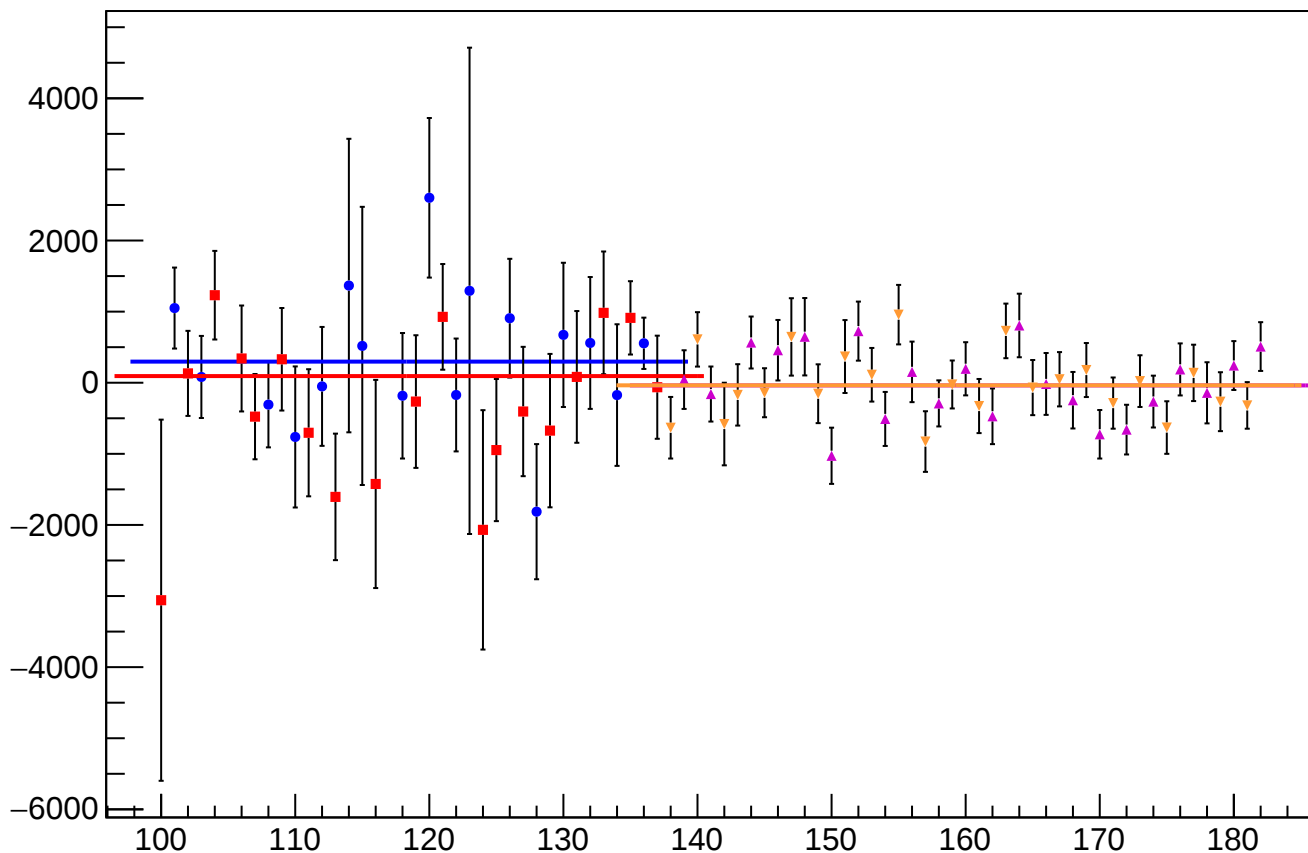
Right: 481.010+/-0.094 χ^2/NDF : 1570822.6/35

In: 374.403+/-0.055 χ^2/NDF : 1848762.9/38

Out: 377.918+/-0.055 χ^2/NDF : 1937065.4/41

All: 376.167+/-0.039 χ^2/NDF : 3787868.4/80

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 ± 185.975 $\chi^2/\text{NDF}: 15.9/16$

Left Out: -36.419 ± 82.427 $\chi^2/\text{NDF}: 26.6/22$

Right Out: 93.523 ± 183.916 $\chi^2/\text{NDF}: 20.1/18$

Left In: -37.809 ± 82.329 $\chi^2/\text{NDF}: 34.5/21$

Left: -37.115 ± 58.250 $\chi^2/\text{NDF}: 61.1/44$

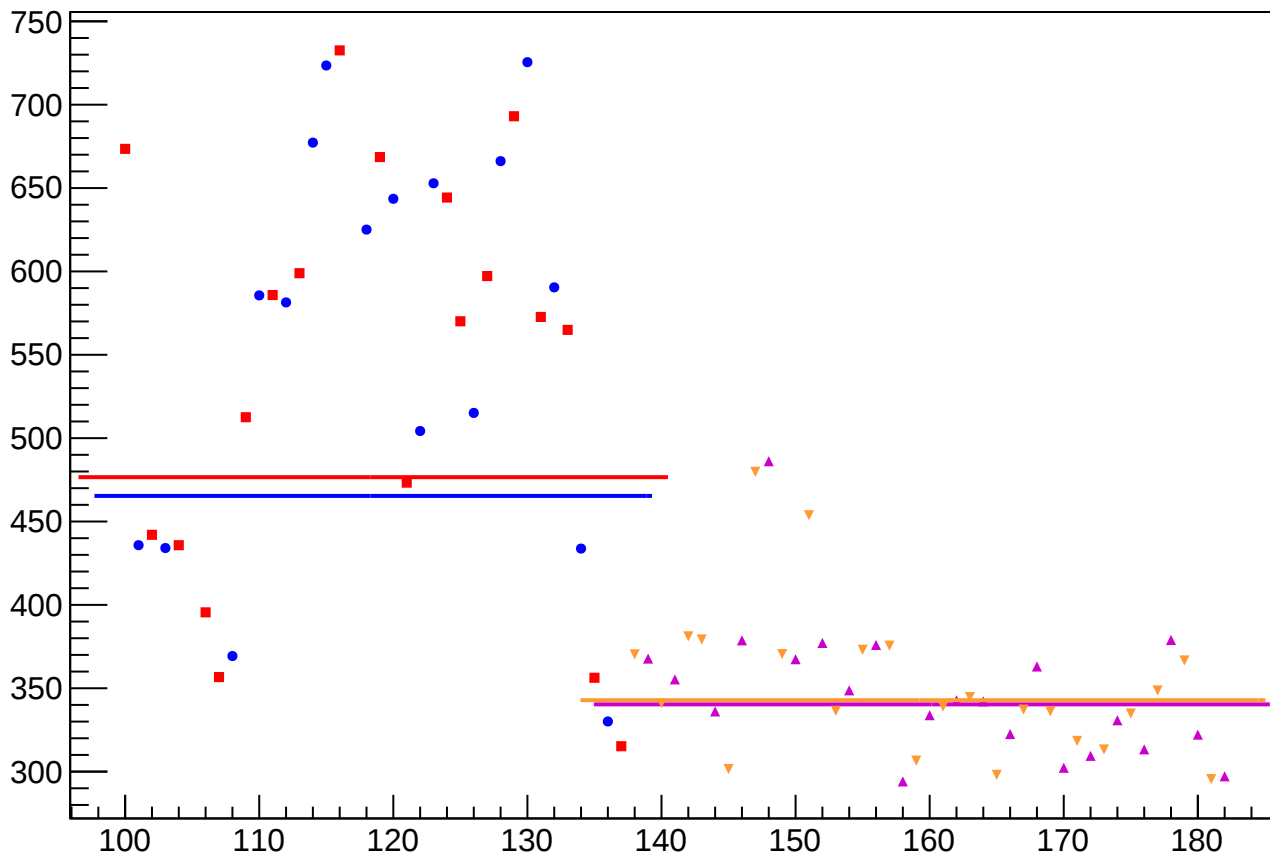
Right: 194.121 ± 130.770 $\chi^2/\text{NDF}: 36.6/35$

In: 17.049 ± 75.282 $\chi^2/\text{NDF}: 53.1/38$

Out: -14.684 ± 75.218 $\chi^2/\text{NDF}: 47.1/41$

All: 1.169 ± 53.210 $\chi^2/\text{NDF}: 100.3/80$

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2 /NDF: 860420.4/16

Left Out: 342.830 $\pm$ 0.058 χ^2 /NDF: 434902.9/22

Right Out: 476.597 $\pm$ 0.130 χ^2 /NDF: 752936.0/18

Left In: 340.332 $\pm$ 0.058 χ^2 /NDF: 369524.6/21

Left: 341.580 $\pm$ 0.041 χ^2 /NDF: 805347.5/44

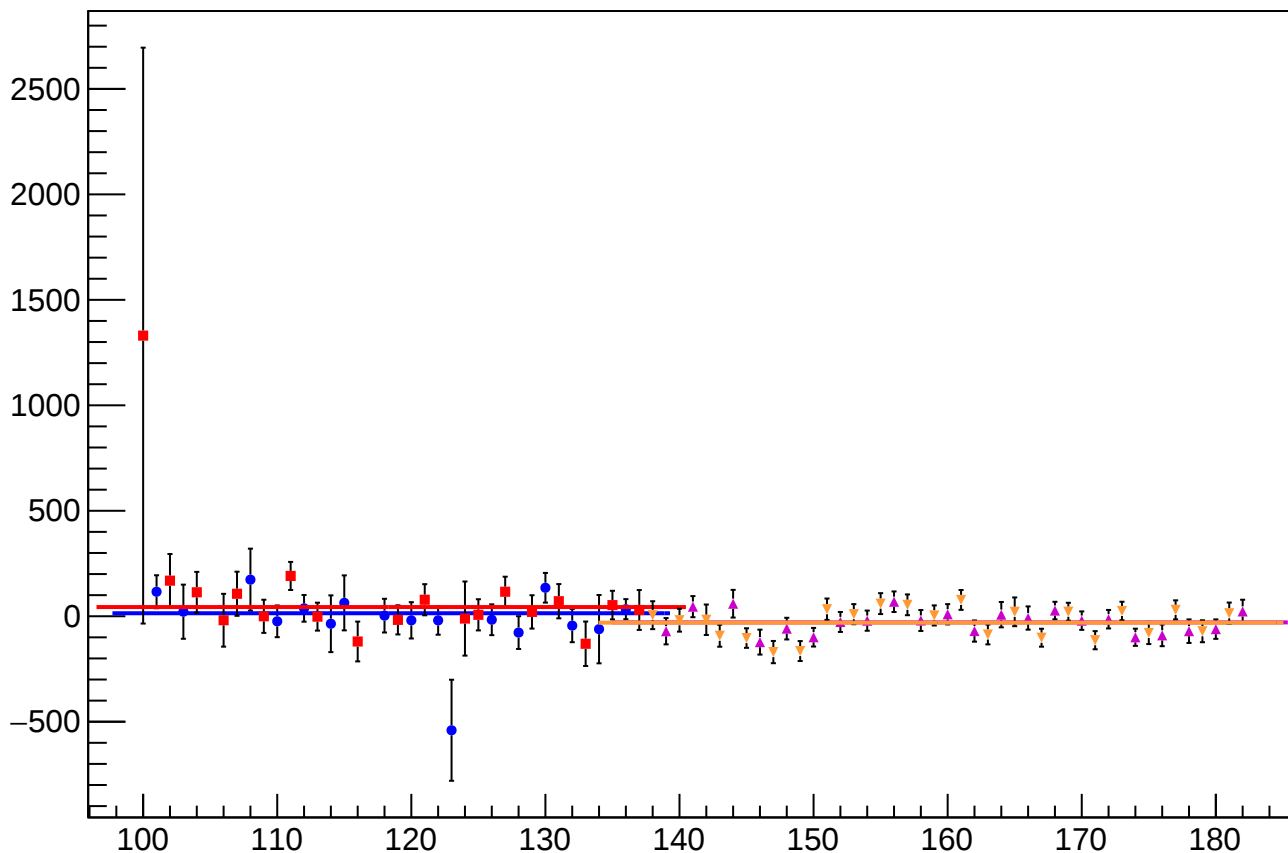
Right: 471.039 $\pm$ 0.092 χ^2 /NDF: 1617050.9/35

In: 360.818 $\pm$ 0.053 χ^2 /NDF: 1985706.6/38

Out: 365.205 $\pm$ 0.053 χ^2 /NDF: 2068873.0/41

All: 363.013 $\pm$ 0.038 χ^2 /NDF: 4057978.4/80

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: -30.450 ± 10.315 $\chi^2/\text{NDF}: 49.4/22$

Right Out: 43.602 ± 19.648 $\chi^2/\text{NDF}: 17.0/18$

Left In: -29.103 ± 10.579 $\chi^2/\text{NDF}: 24.1/21$

Left: -29.794 ± 7.385 $\chi^2/\text{NDF}: 73.5/44$

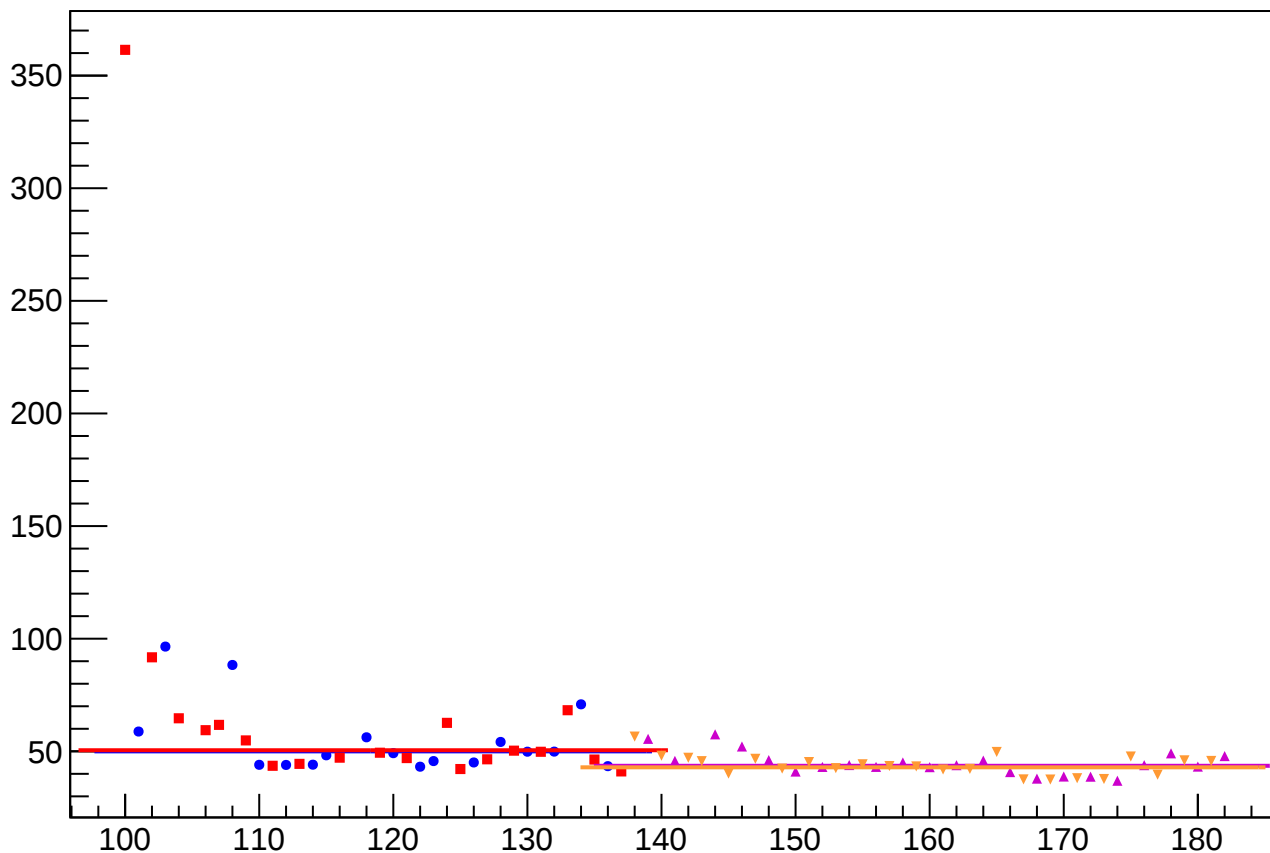
Right: 29.090 ± 13.970 $\chi^2/\text{NDF}: 32.9/35$

In: -19.526 ± 9.337 $\chi^2/\text{NDF}: 42.6/38$

Out: -14.450 ± 9.133 $\chi^2/\text{NDF}: 77.6/41$

All: -16.931 ± 6.529 $\chi^2/\text{NDF}: 120.4/80$

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: 42.889 $\pm$ 0.007 χ^2 /NDF: 319474.4/22

Right Out: 50.472 $\pm$ 0.014 χ^2 /NDF: 571294.5/18

Left In: 43.571 $\pm$ 0.007 χ^2 /NDF: 403190.3/21

Left: 43.221 $\pm$ 0.005 χ^2 /NDF: 726914.1/44

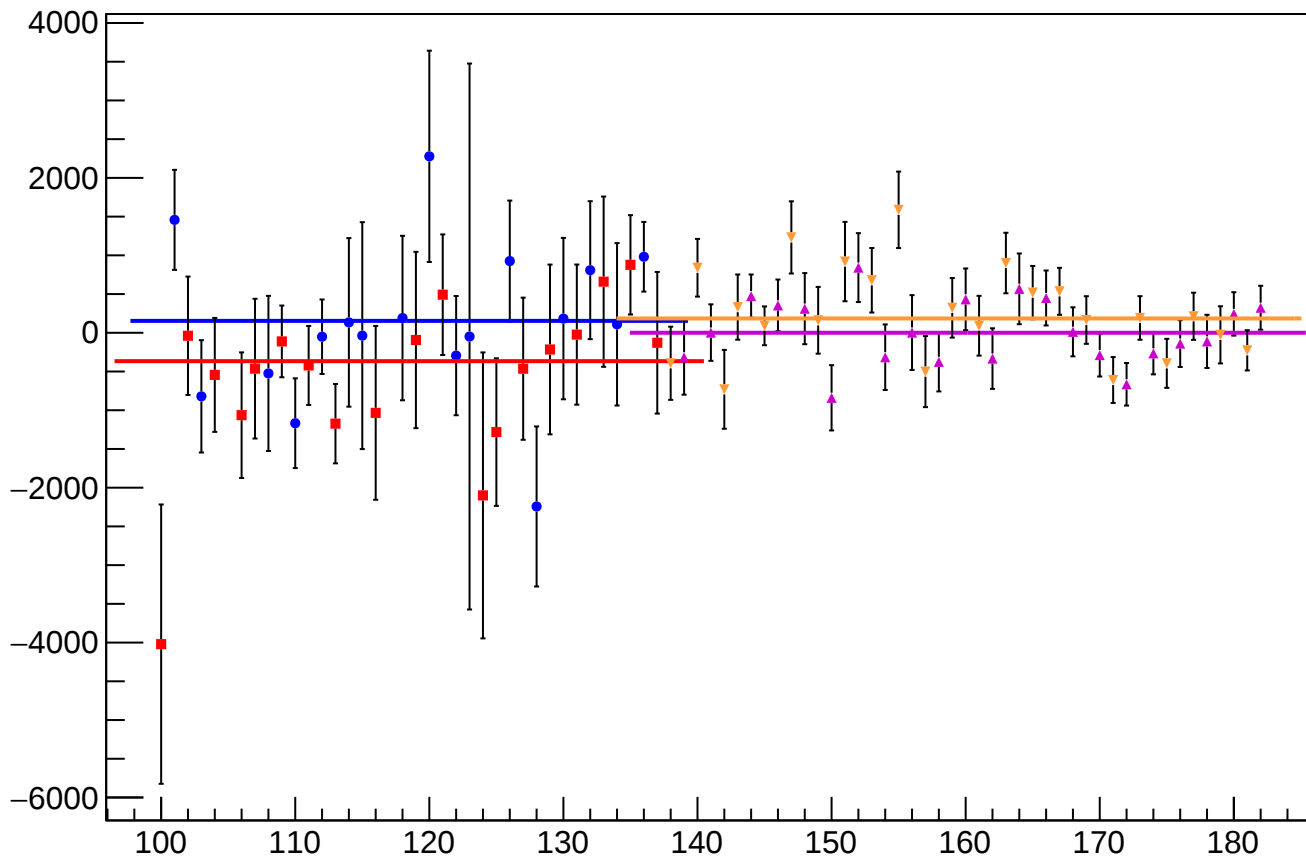
Right: 50.225 $\pm$ 0.010 χ^2 /NDF: 1150683.7/35

In: 44.985 $\pm$ 0.007 χ^2 /NDF: 1143776.6/38

Out: 44.528 $\pm$ 0.006 χ^2 /NDF: 1124304.3/41

All: 44.751 $\pm$ 0.005 χ^2 /NDF: 2270529.3/80

asym_sam_15_37_dd_correction_mean vs Slug, Sign Corrected



Right In: 153.842 $\pm$ 189.963 χ^2 /NDF: 24.8/16

Left Out: 185.057 $\pm$ 74.036 χ^2 /NDF:46.1/22

Right Out: -366.276 $\pm$ 178.907 χ^2 /NDF: 16.2/18

Left In: 0.455 $\pm$ 73.353 χ^2 /NDF:29.3/21

Left: 91.900 $\pm$ 52.108 χ^2 /NDF: 78.5/44

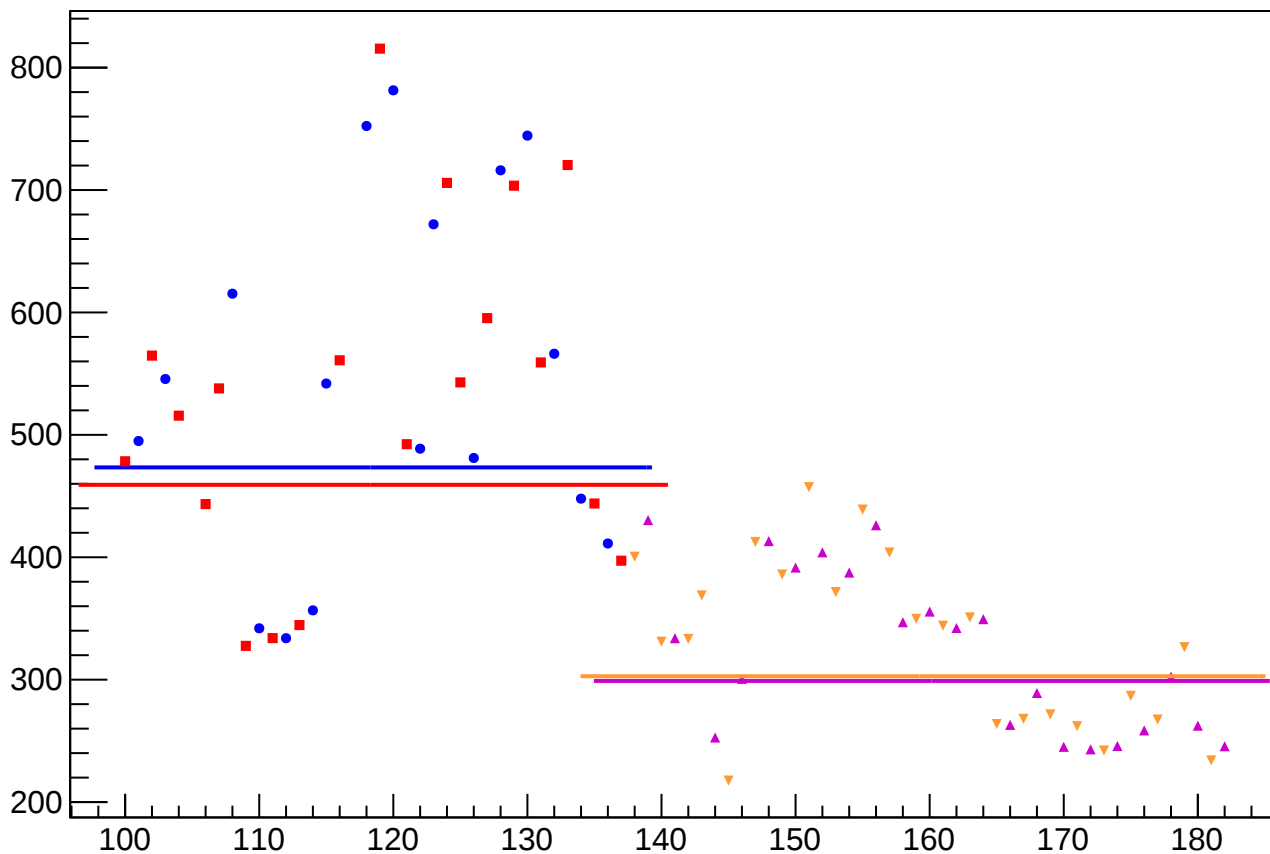
Right: -121.792 $\pm$ 130.240 χ^2 /NDF: 45.0/35

In: 20.358 $\pm$ 68.428 χ^2 /NDF:54.6/38

Out: 104.445 $\pm$ 68.410 χ^2 /NDF:70.4/41

All: 62.413 $\pm$ 48.380 χ^2 /NDF: 125.8/80

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406 $\pm$ 0.134 χ^2 /NDF: 914927.8/16

Left Out: 302.808 $\pm$ 0.052 χ^2 /NDF:1522623.5/22

Right Out: 459.180 $\pm$ 0.127 χ^2 /NDF: 1006487.4/18

Left In: 298.974 $\pm$ 0.052 χ^2 /NDF:1298778.0/21

Left: 300.873 $\pm$ 0.037 χ^2 /NDF: 2824107.8/44

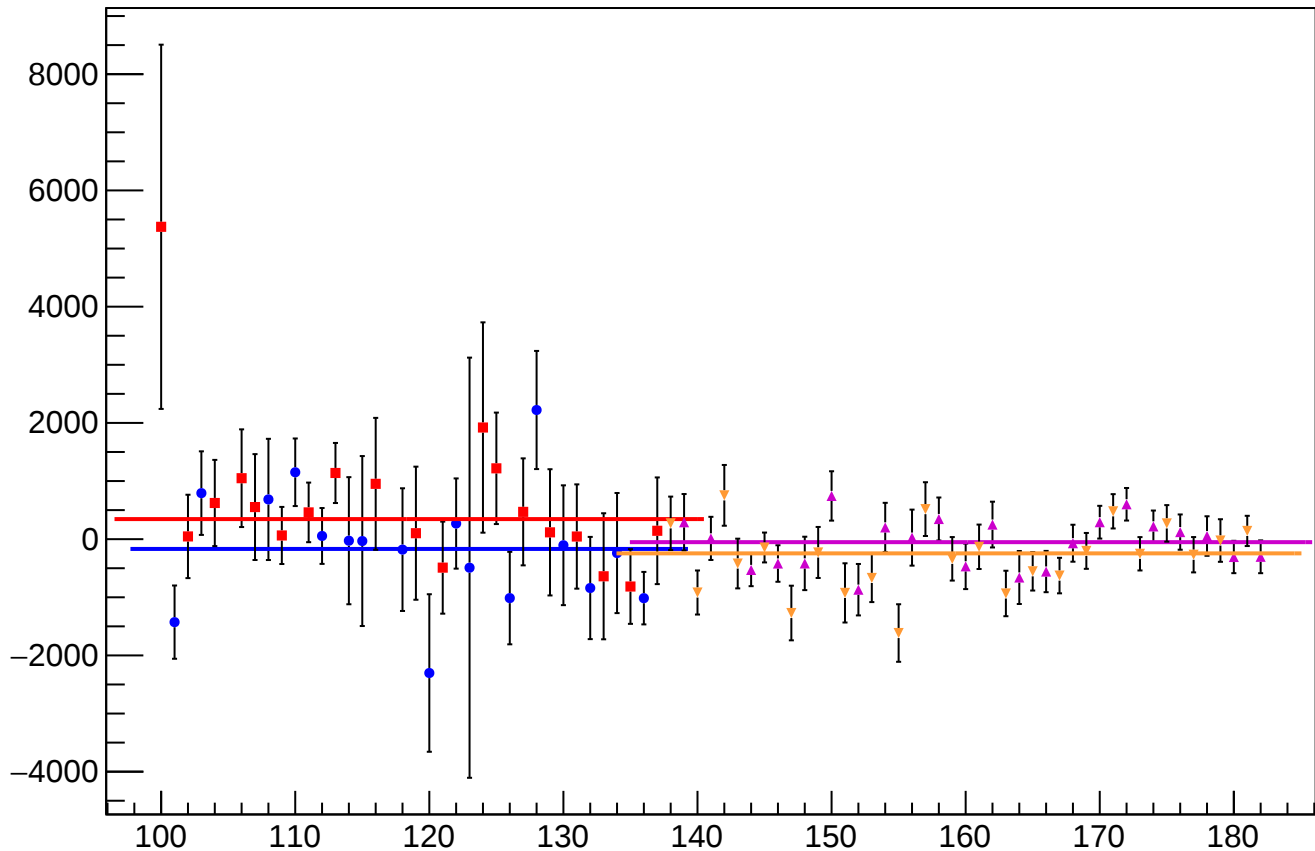
Right: 465.867 $\pm$ 0.092 χ^2 /NDF: 1927360.0/35

In: 321.608 $\pm$ 0.048 χ^2 /NDF:3681232.5/38

Out: 325.671 $\pm$ 0.048 χ^2 /NDF:3833599.7/41

All: 323.640 $\pm$ 0.034 χ^2 /NDF: 7518359.1/80

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049 ± 189.758 $\chi^2/\text{NDF}: 25.4/16$

Left Out: -244.322 ± 74.176 $\chi^2/\text{NDF}: 43.3/22$

Right Out: 345.481 ± 181.255 $\chi^2/\text{NDF}: 13.7/18$

Left In: -51.376 ± 73.250 $\chi^2/\text{NDF}: 29.4/21$

Left: -146.637 ± 52.120 $\chi^2/\text{NDF}: 76.1/44$

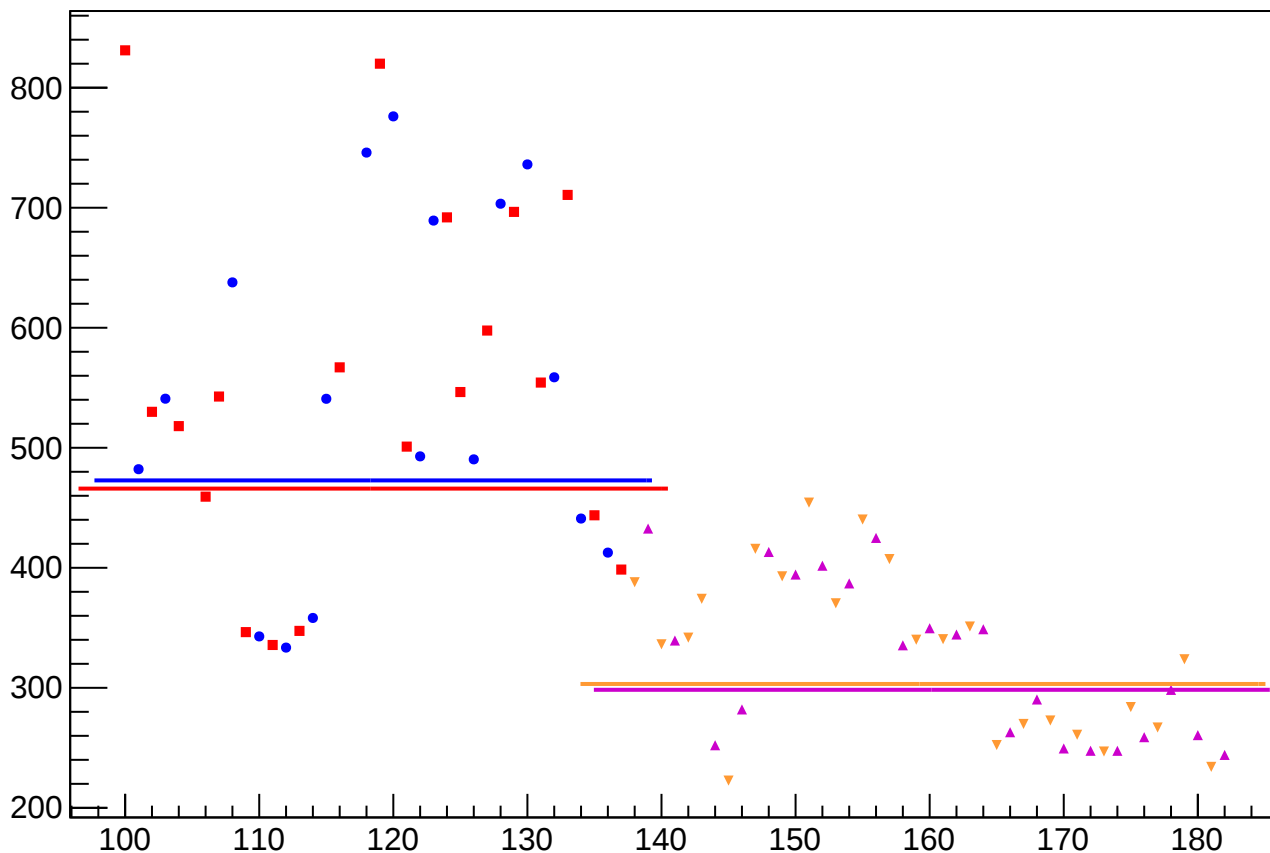
Right: 100.479 ± 131.070 $\chi^2/\text{NDF}: 43.0/35$

In: -66.507 ± 68.335 $\chi^2/\text{NDF}: 55.1/38$

Out: -159.716 ± 68.650 $\chi^2/\text{NDF}: 66.1/41$

All: -112.897 ± 48.431 $\chi^2/\text{NDF}: 122.2/80$

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: 303.210 $\pm$ 0.052 χ^2/NDF : 1486846.3/22

Right Out: 465.987 $\pm$ 0.128 χ^2/NDF : 942033.1/18

Left In: 298.348 $\pm$ 0.052 χ^2/NDF : 1267068.6/21

Left: 300.748 $\pm$ 0.037 χ^2/NDF : 2758266.8/44

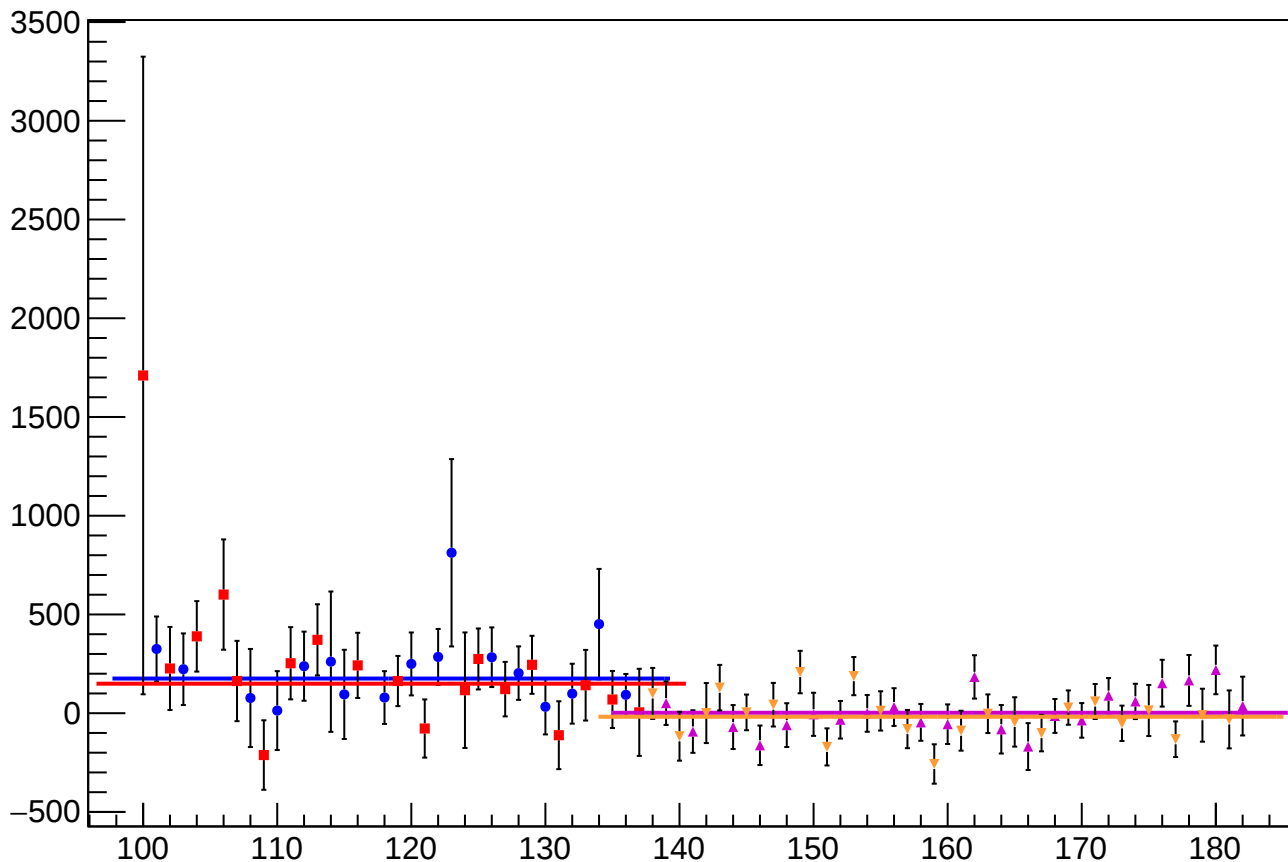
Right: 469.247 $\pm$ 0.093 χ^2/NDF : 1839762.8/35

In: 320.974 $\pm$ 0.048 χ^2/NDF : 3634934.2/38

Out: 326.560 $\pm$ 0.049 χ^2/NDF : 3810483.0/41

All: 323.754 $\pm$ 0.034 χ^2/NDF : 7452069.9/80

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 χ^2/NDF : 8.6/16

Left Out: -18.125 ± 21.739 χ^2/NDF : 25.6/22

Right Out: 149.419 ± 40.319 χ^2/NDF : 18.4/18

Left In: 2.133 ± 22.126 χ^2/NDF : 18.5/21

Left: -8.175 ± 15.507 χ^2/NDF : 44.5/44

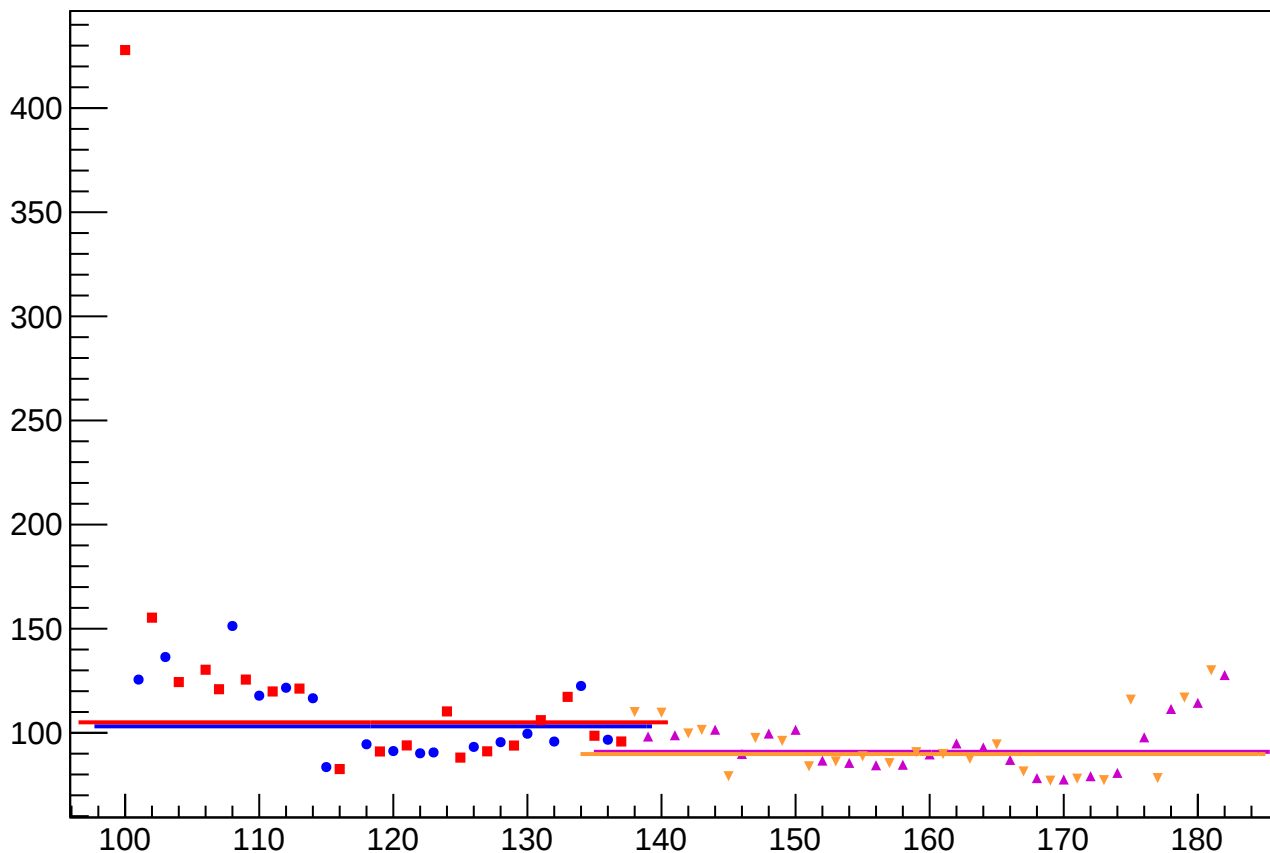
Right: 162.431 ± 28.524 χ^2/NDF : 27.2/35

In: 42.192 ± 19.402 χ^2/NDF : 41.3/38

Out: 19.612 ± 19.135 χ^2/NDF : 57.4/41

All: 30.746 ± 13.624 χ^2/NDF : 99.3/80

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 103.112 $\pm$ 0.029 χ^2 /NDF: 306438.5/16

Left Out: 89.809 $\pm$ 0.015 χ^2 /NDF: 672807.9/22

Right Out: 105.045 $\pm$ 0.029 χ^2 /NDF: 448699.0/18

Left In: 90.886 $\pm$ 0.016 χ^2 /NDF: 506445.8/21

Left: 90.338 $\pm$ 0.011 χ^2 /NDF: 1181665.9/44

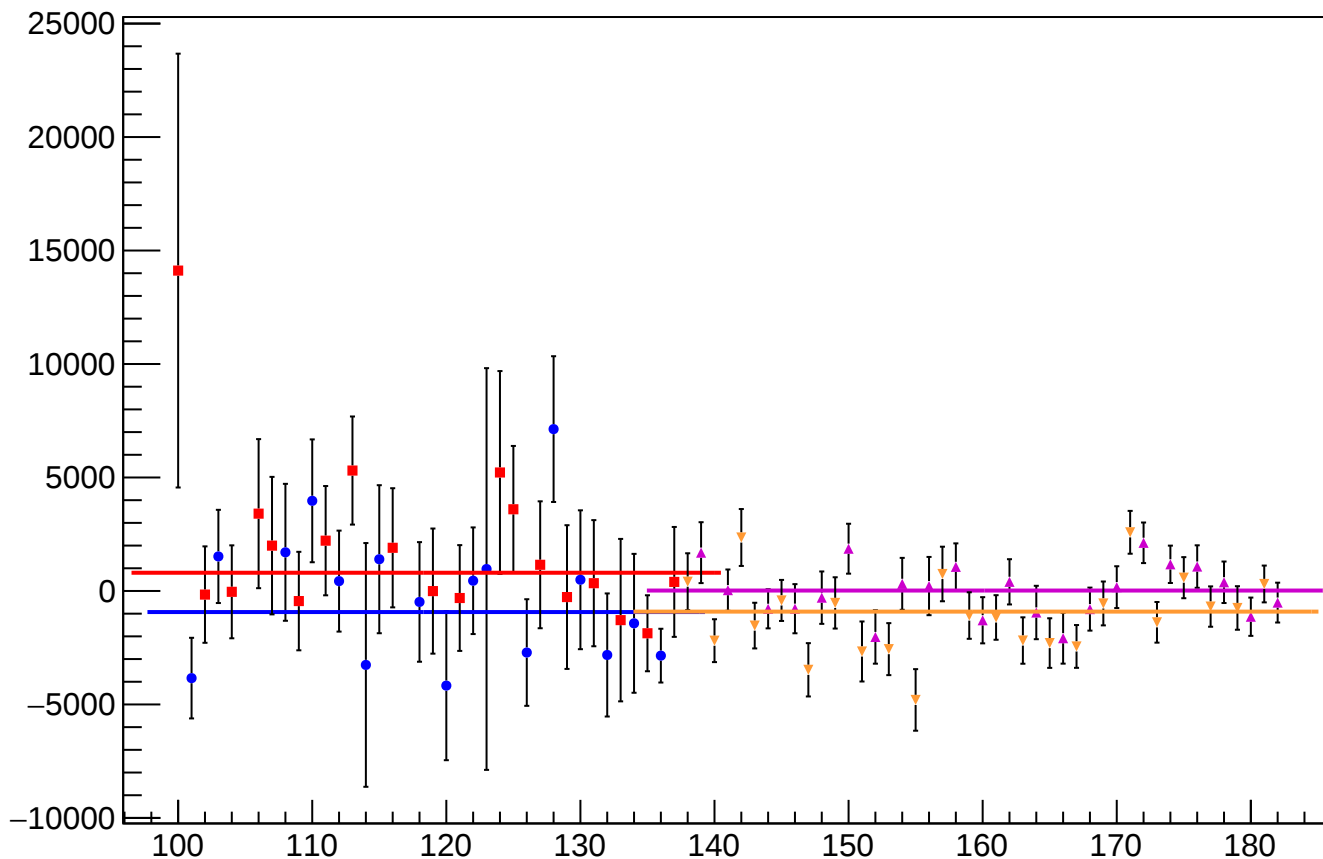
Right: 104.080 $\pm$ 0.020 χ^2 /NDF: 757434.4/35

In: 93.711 $\pm$ 0.014 χ^2 /NDF: 954015.6/38

Out: 93.240 $\pm$ 0.014 χ^2 /NDF: 1342801.5/41

All: 93.473 $\pm$ 0.010 χ^2 /NDF: 2297414.6/80

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -909.457 $\pm$ 212.596 χ^2 /NDF:54.4/22

Right Out: 802.855 $\pm$ 593.810 χ^2 /NDF: 12.9/18

Left In: 18.889 $\pm$ 212.614 χ^2 /NDF:27.9/21

Left: -445.324 $\pm$ 150.334 χ^2 /NDF: 91.8/44

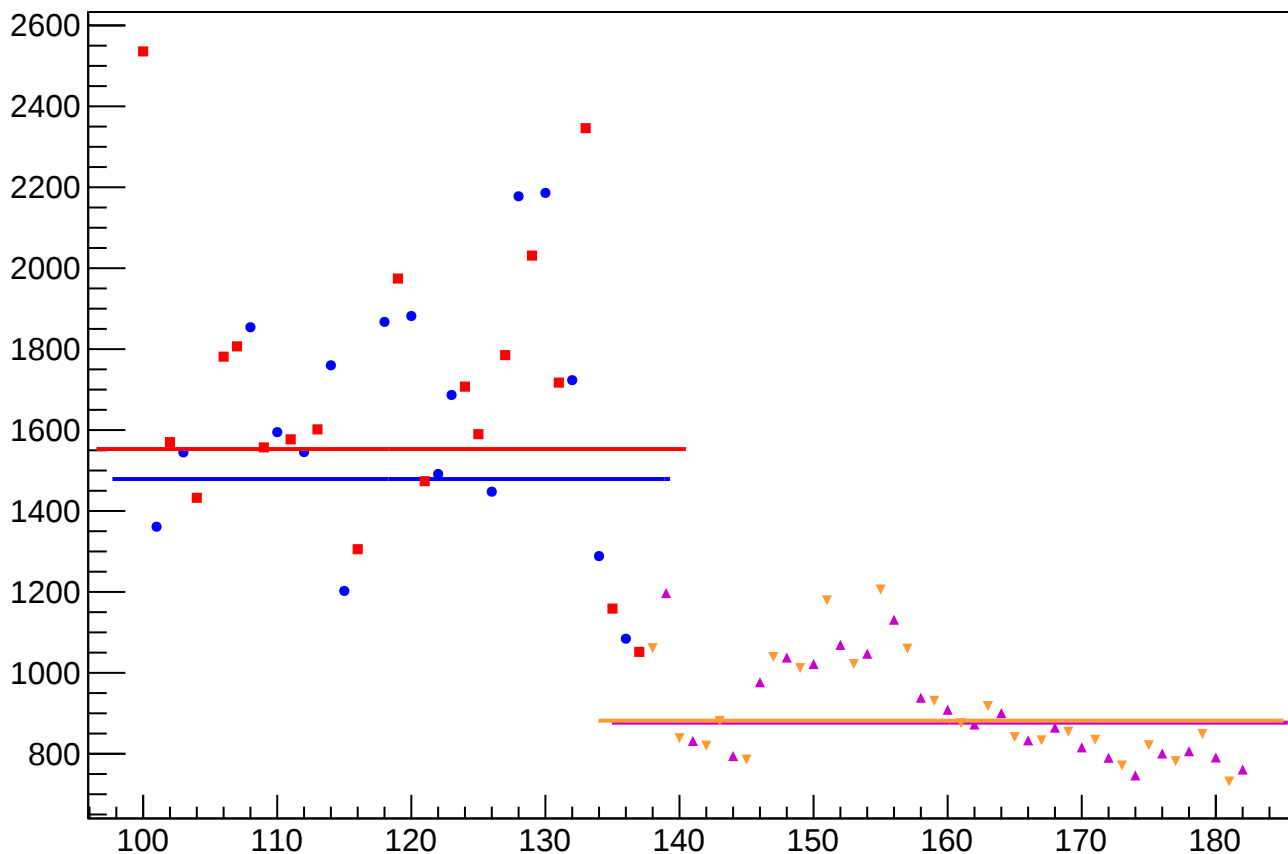
Right: -73.074 $\pm$ 417.447 χ^2 /NDF: 38.0/35

In: -91.047 $\pm$ 199.904 χ^2 /NDF:51.1/38

Out: -714.913 $\pm$ 200.155 χ^2 /NDF:74.6/41

All: -402.588 $\pm$ 141.442 χ^2 /NDF: 130.6/80

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2 /NDF: 589620.8/16

Left Out: 881.833 $\pm$ 0.150 χ^2 /NDF: 581752.1/22

Right Out: 1553.074 $\pm$ 0.420 χ^2 /NDF: 483784.4/18

Left In: 876.892 $\pm$ 0.150 χ^2 /NDF: 576159.2/21

Left: 879.363 $\pm$ 0.106 χ^2 /NDF: 1158451.2/44

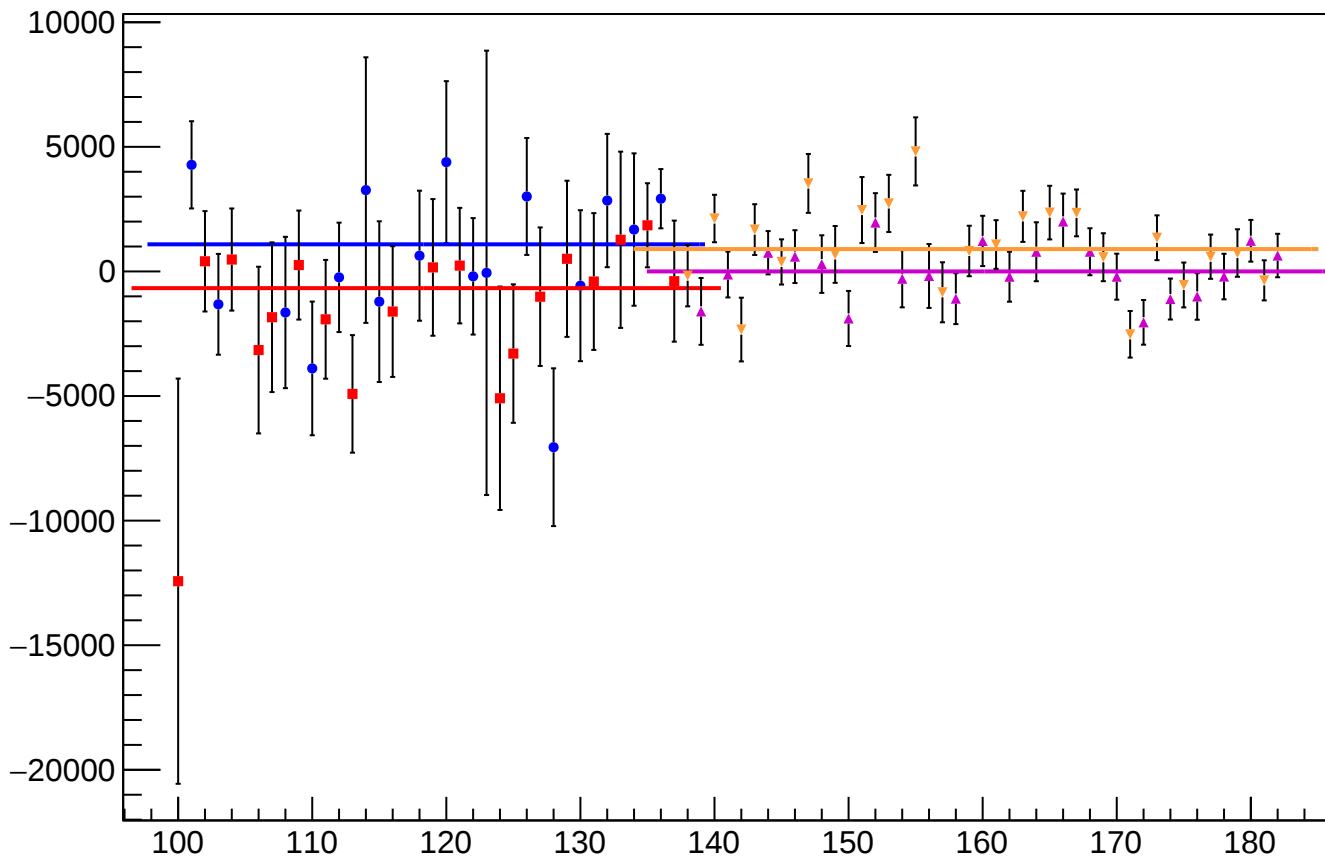
Right: 1515.603 $\pm$ 0.295 χ^2 /NDF: 1089150.4/35

In: 946.729 $\pm$ 0.141 χ^2 /NDF: 3026129.0/38

Out: 958.096 $\pm$ 0.142 χ^2 /NDF: 3330776.6/41

All: 952.405 $\pm$ 0.100 χ^2 /NDF: 6360135.1/80

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 897.617 $\pm$ 212.375 χ^2 /NDF:53.8/22

Right Out: -670.176 $\pm$ 589.991 χ^2 /NDF: 12.0/18

Left In: 0.257 $\pm$ 212.425 χ^2 /NDF:26.3/21

Left: 449.042 $\pm$ 150.190 χ^2 /NDF: 89.0/44

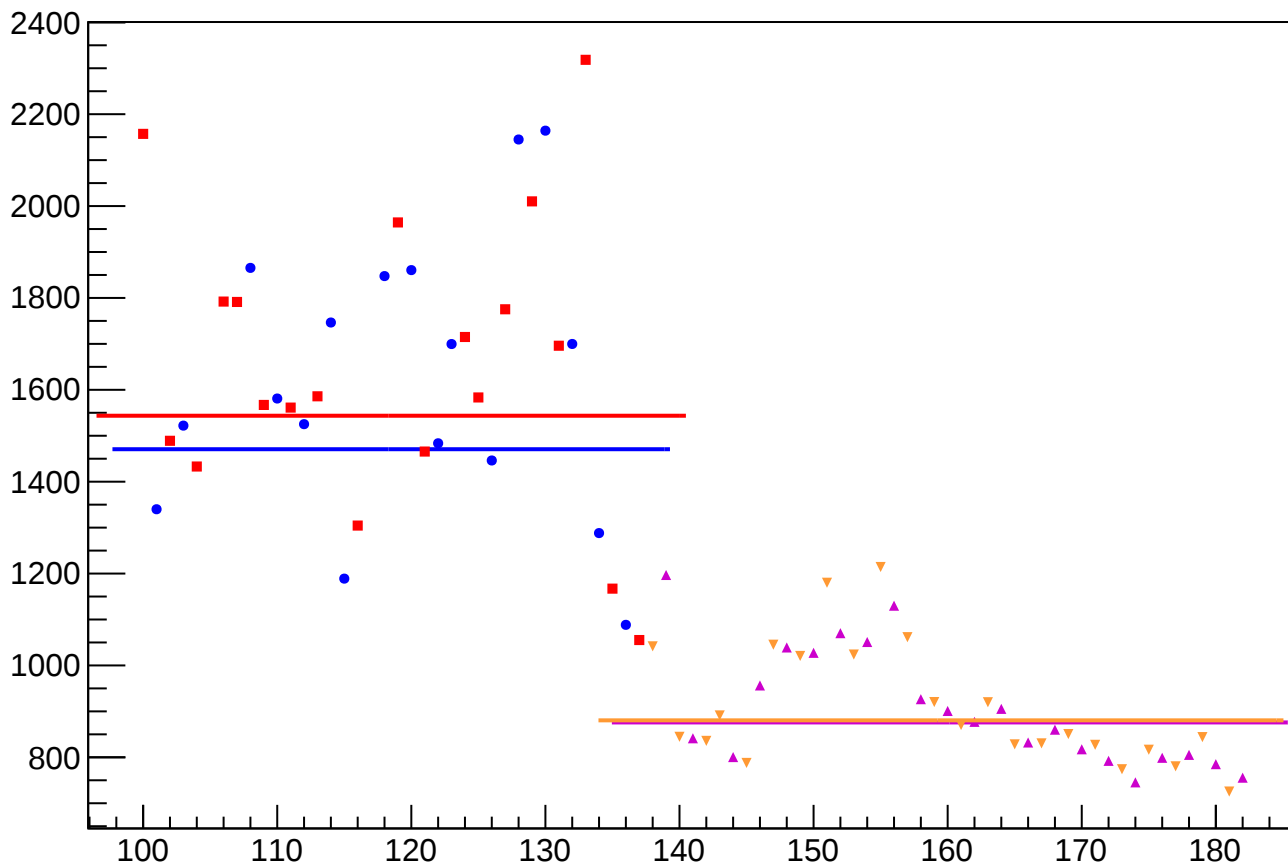
Right: 218.892 $\pm$ 414.810 χ^2 /NDF: 38.4/35

In: 127.615 $\pm$ 199.602 χ^2 /NDF:51.2/38

Out: 717.775 $\pm$ 199.824 χ^2 /NDF:72.0/41

All: 422.367 $\pm$ 141.218 χ^2 /NDF: 127.6/80

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683+/-0.412 χ^2/NDF : 567728.4/16

Left Out: 880.457+/-0.150 χ^2/NDF : 593559.8/22

Right Out: 1543.589+/-0.417 χ^2/NDF : 454253.5/18

Left In: 875.910+/-0.150 χ^2/NDF : 574740.5/21

Left: 878.184+/-0.106 χ^2/NDF : 1168758.7/44

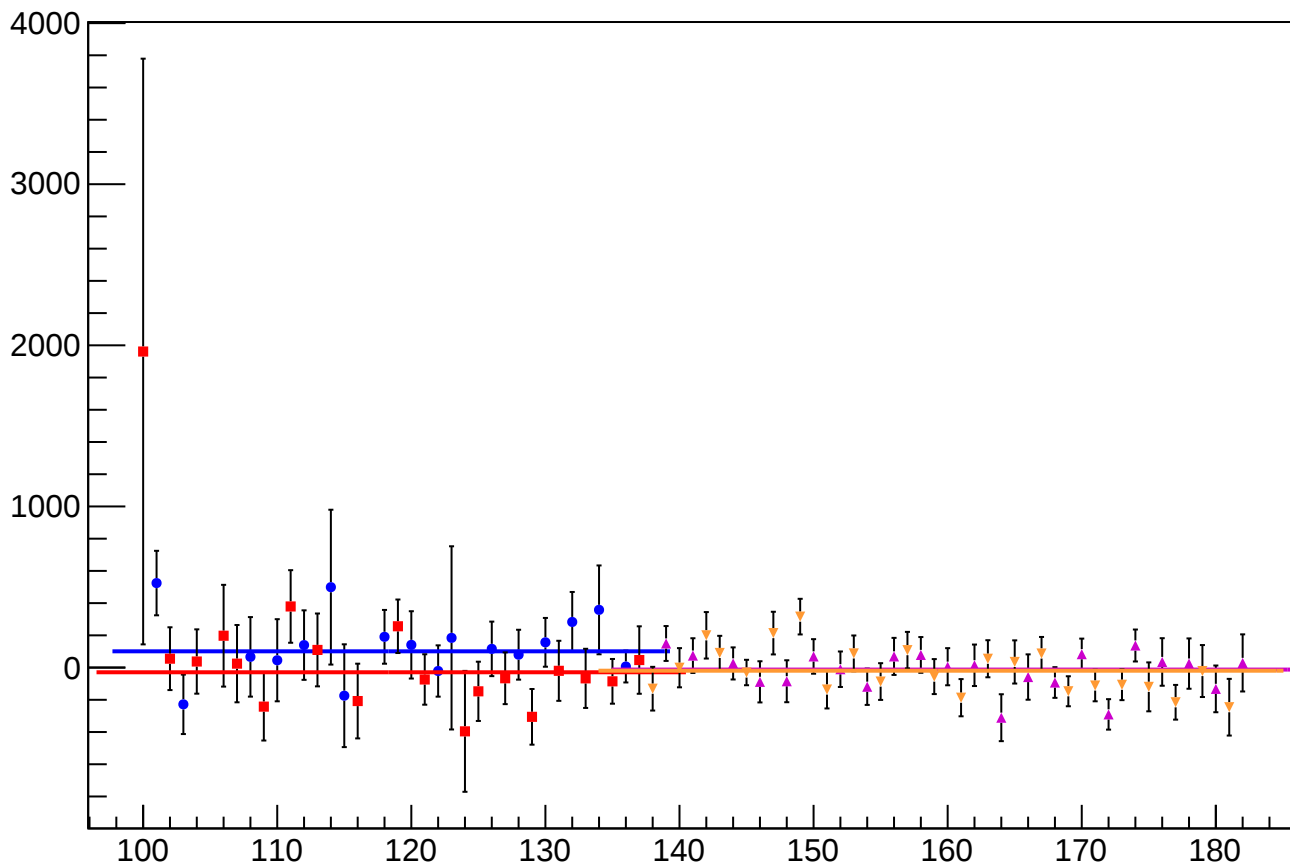
Right: 1506.721+/-0.293 χ^2/NDF : 1037425.2/35

In: 945.549+/-0.141 χ^2/NDF : 2978278.3/38

Out: 956.525+/-0.141 χ^2/NDF : 3284597.5/41

All: 951.031+/-0.100 χ^2/NDF : 6265896.3/80

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: -19.425 $\pm$ 23.692 χ^2 /NDF:32.8/22

Right Out: -29.152 $\pm$ 45.695 χ^2 /NDF: 14.7/18

Left In: -12.415 $\pm$ 24.780 χ^2 /NDF:24.2/21

Left: -16.077 $\pm$ 17.125 χ^2 /NDF: 57.1/44

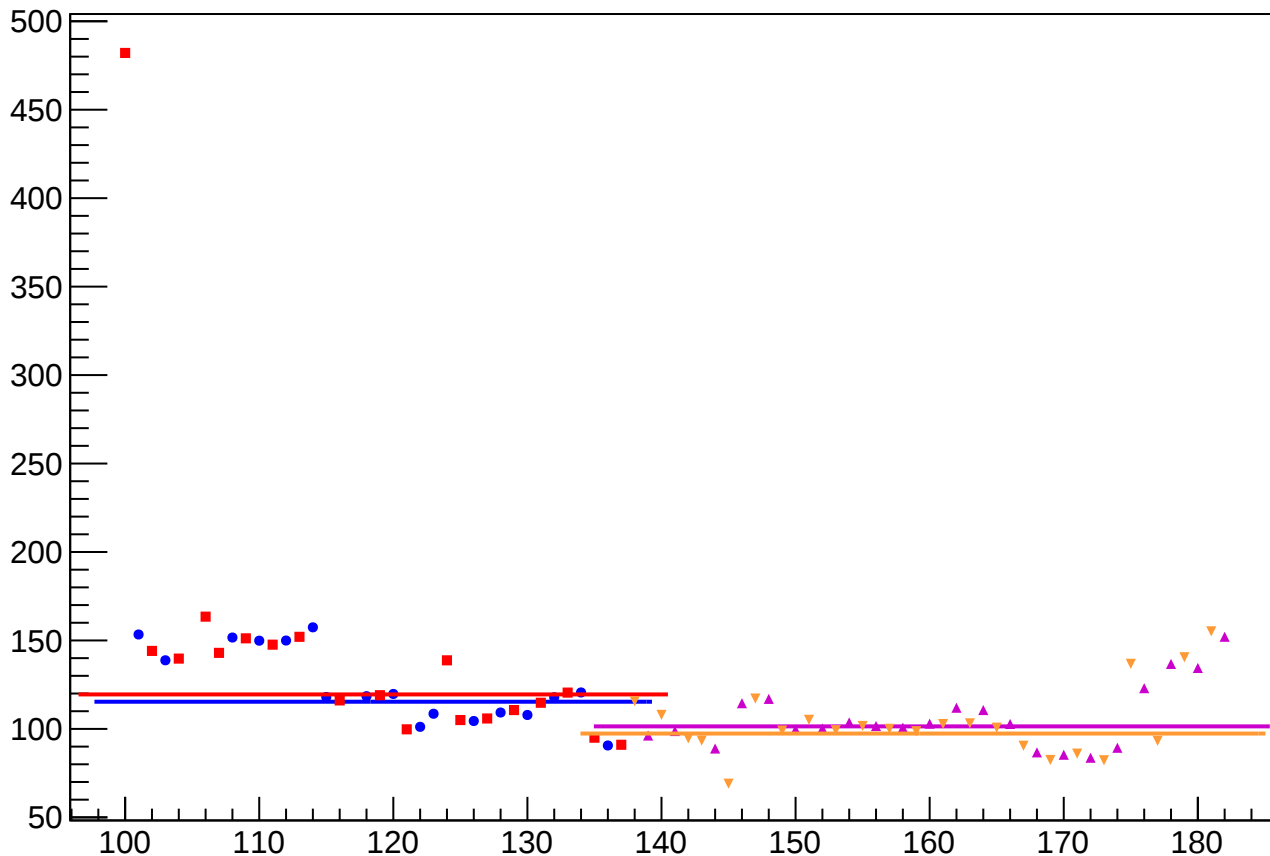
Right: 36.472 $\pm$ 32.165 χ^2 /NDF: 31.8/35

In: 13.702 $\pm$ 21.738 χ^2 /NDF:42.1/38

Out: -21.486 $\pm$ 21.033 χ^2 /NDF:47.6/41

All: -4.472 $\pm$ 15.116 χ^2 /NDF: 91.0/80

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 97.378 $\pm$ 0.017 χ^2 /NDF:1015833.9/22

Right Out: 119.492 $\pm$ 0.032 χ^2 /NDF: 477965.0/18

Left In: 101.433 $\pm$ 0.018 χ^2 /NDF:725403.7/21

Left: 99.315 $\pm$ 0.012 χ^2 /NDF: 1769212.3/44

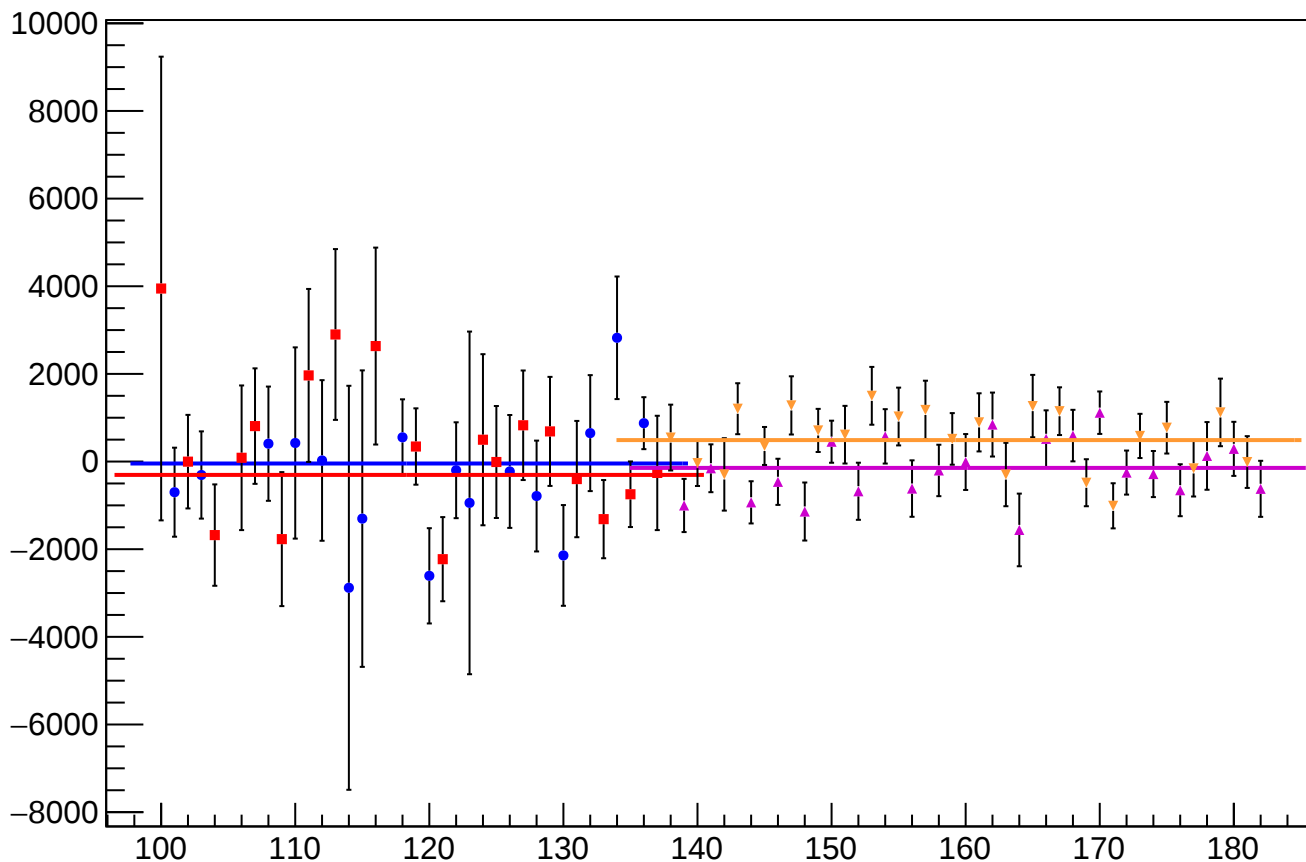
Right: 117.411 $\pm$ 0.023 χ^2 /NDF: 897552.7/35

In: 104.644 $\pm$ 0.015 χ^2 /NDF:1282480.6/38

Out: 102.063 $\pm$ 0.015 χ^2 /NDF:1862956.0/41

All: 103.311 $\pm$ 0.011 χ^2 /NDF: 3159993.2/80

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: 489.502 $\pm$ 124.823 χ^2 /NDF: 27.9/22

Right Out: -304.797 $\pm$ 282.708 χ^2 /NDF: 17.4/18

Left In: -145.034 $\pm$ 125.626 χ^2 /NDF: 27.6/21

Left: 174.270 $\pm$ 88.546 χ^2 /NDF: 68.3/44

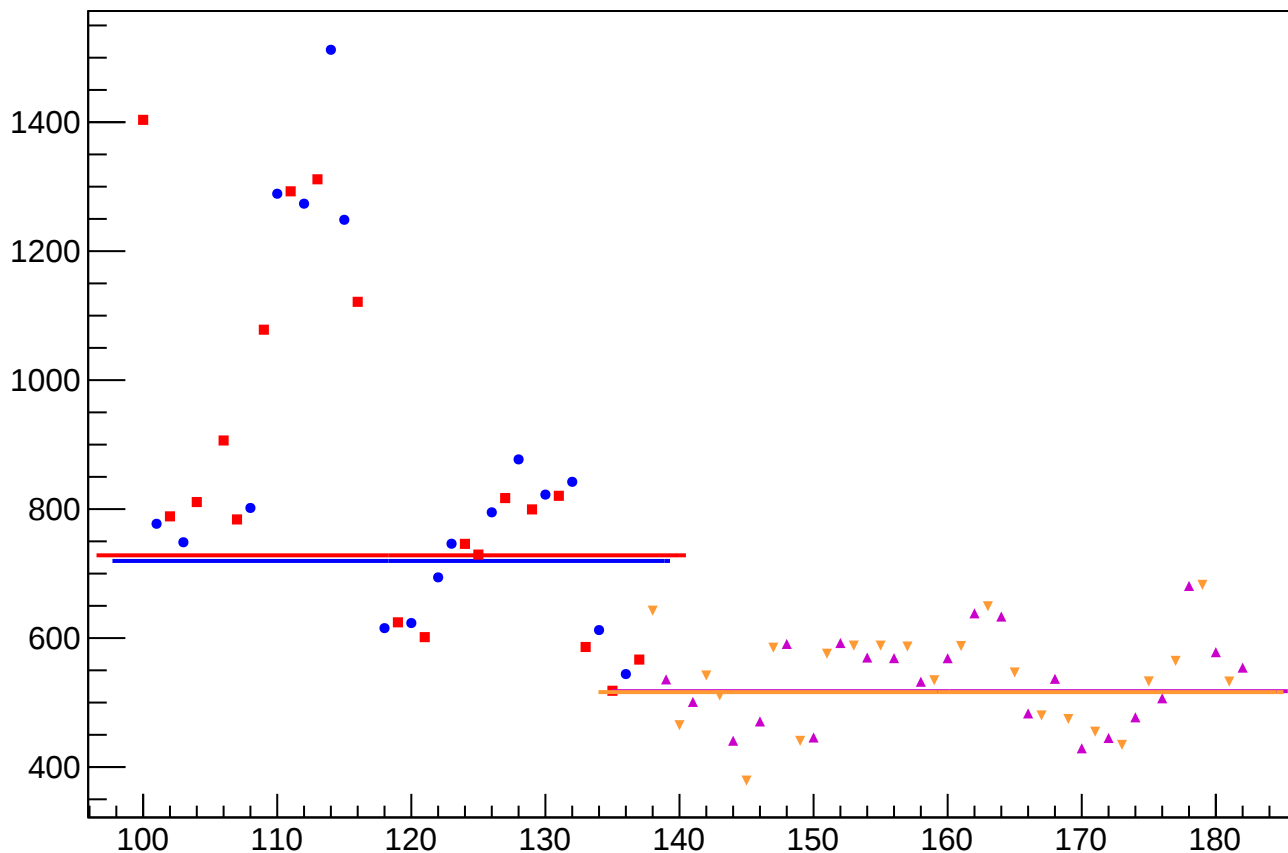
Right: -176.310 $\pm$ 201.157 χ^2 /NDF: 35.7/35

In: -128.809 $\pm$ 115.038 χ^2 /NDF: 45.6/38

Out: 359.919 $\pm$ 114.188 χ^2 /NDF: 52.0/41

All: 117.367 $\pm$ 81.042 χ^2 /NDF: 106.6/80

asym_sam_26_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 719.606 $\pm$ 0.202 χ^2 /NDF: 746949.1/16

Left Out: 516.215 $\pm$ 0.088 χ^2 /NDF: 739824.1/22

Right Out: 728.331 $\pm$ 0.200 χ^2 /NDF: 913667.8/18

Left In: 517.675 $\pm$ 0.089 χ^2 /NDF: 544649.0/21

Left: 516.940 $\pm$ 0.063 χ^2 /NDF: 1284608.9/44

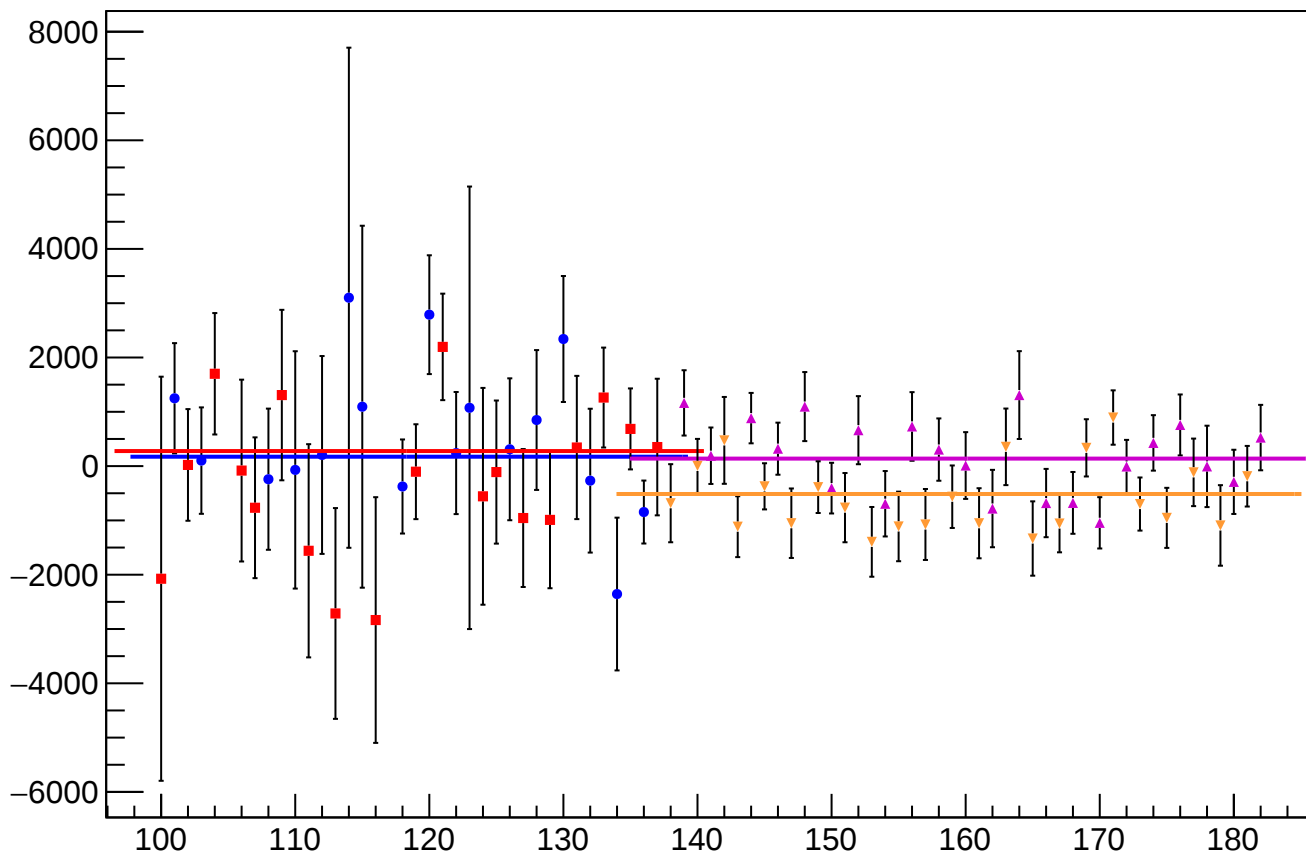
Right: 724.023 $\pm$ 0.142 χ^2 /NDF: 1661557.4/35

In: 550.280 $\pm$ 0.081 χ^2 /NDF: 2125974.2/38

Out: 550.820 $\pm$ 0.081 χ^2 /NDF: 2595709.8/41

All: 550.552 $\pm$ 0.057 χ^2 /NDF: 4721706.2/80

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 173.182 $\pm$ 285.672 χ^2 /NDF: 18.1/16

Left Out: -513.603 $\pm$ 120.782 χ^2 /NDF:25.7/22

Right Out: 277.145 $\pm$ 282.726 χ^2 /NDF: 16.0/18

Left In: 138.195 $\pm$ 121.119 χ^2 /NDF:29.3/21

Left: -188.610 $\pm$ 85.525 χ^2 /NDF: 69.5/44

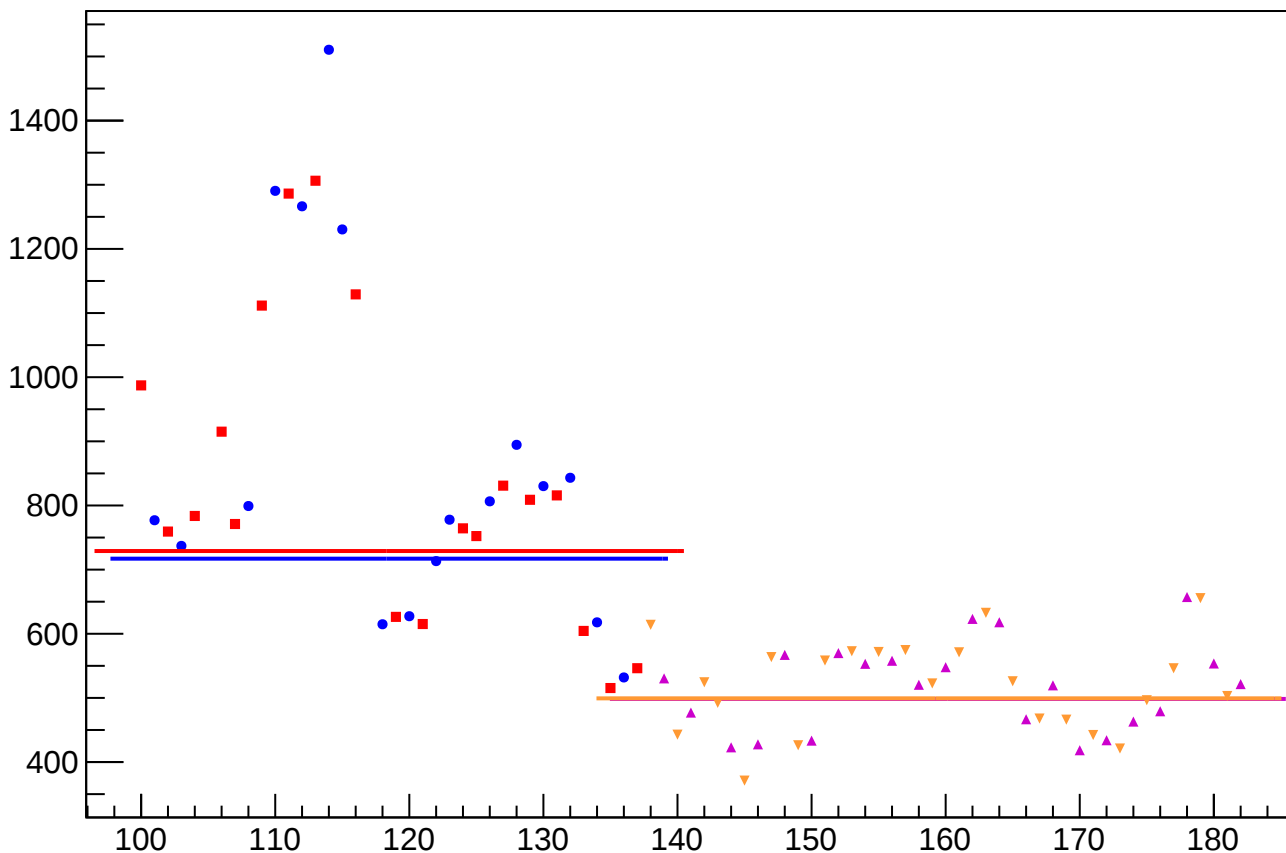
Right: 225.702 $\pm$ 200.951 χ^2 /NDF: 34.2/35

In: 143.526 $\pm$ 111.510 χ^2 /NDF:47.4/38

Out: -391.560 $\pm$ 111.071 χ^2 /NDF:48.4/41

All: -125.073 $\pm$ 78.694 χ^2 /NDF: 107.3/80

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 717.083 $\pm$ 0.202 χ^2 /NDF: 782449.4/16

Left Out: 499.289 $\pm$ 0.085 χ^2 /NDF: 718868.3/22

Right Out: 728.989 $\pm$ 0.200 χ^2 /NDF: 890725.1/18

Left In: 498.408 $\pm$ 0.086 χ^2 /NDF: 570662.5/21

Left: 498.850 $\pm$ 0.060 χ^2 /NDF: 1289583.9/44

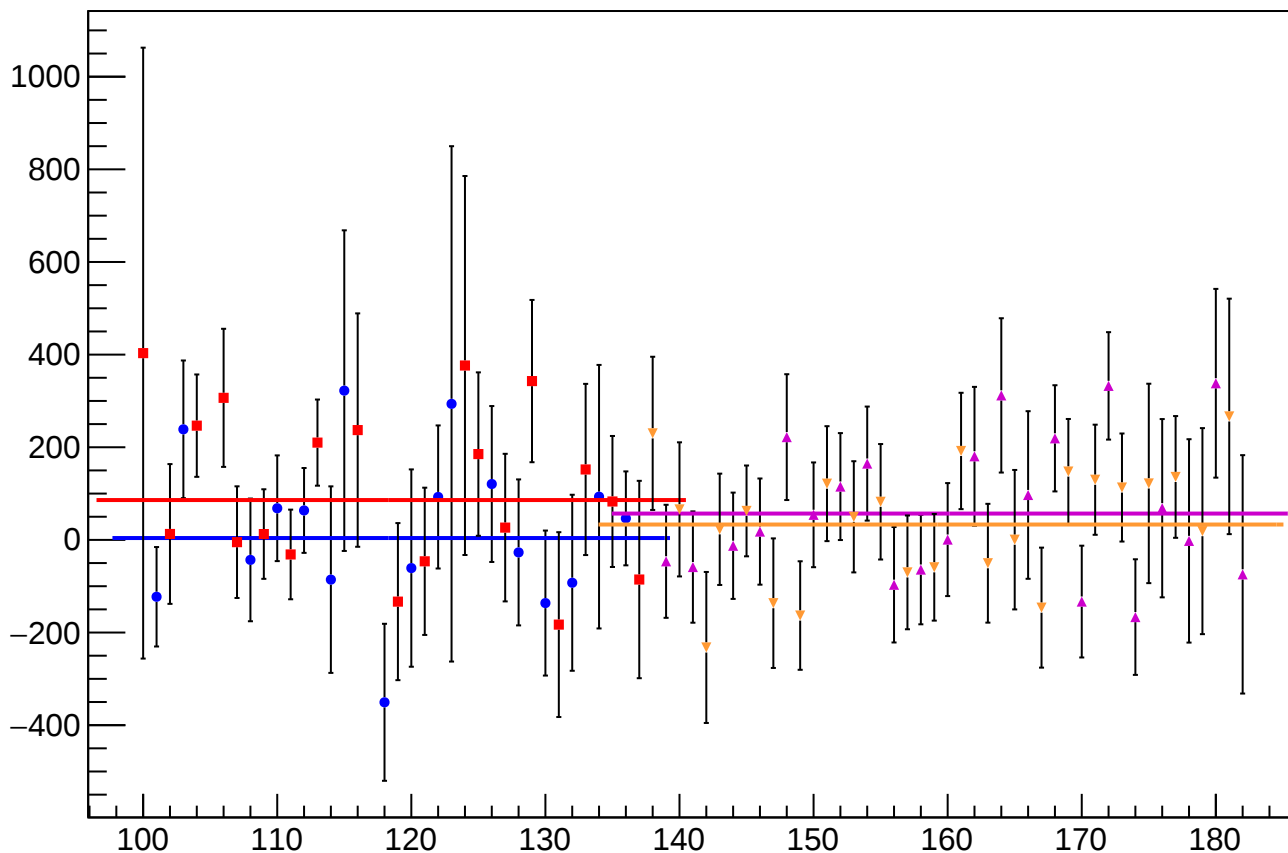
Right: 723.098 $\pm$ 0.142 χ^2 /NDF: 1674929.6/35

In: 531.727 $\pm$ 0.079 χ^2 /NDF: 2346451.9/38

Out: 534.741 $\pm$ 0.079 χ^2 /NDF: 2725987.4/41

All: 533.240 $\pm$ 0.056 χ^2 /NDF: 5073172.5/80

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: 33.185 ± 27.475 $\chi^2/\text{NDF}: 18.3/22$

Right Out: 86.020 ± 33.370 $\chi^2/\text{NDF}: 17.6/18$

Left In: 56.849 ± 28.323 $\chi^2/\text{NDF}: 26.1/21$

Left: 44.657 ± 19.721 $\chi^2/\text{NDF}: 44.7/44$

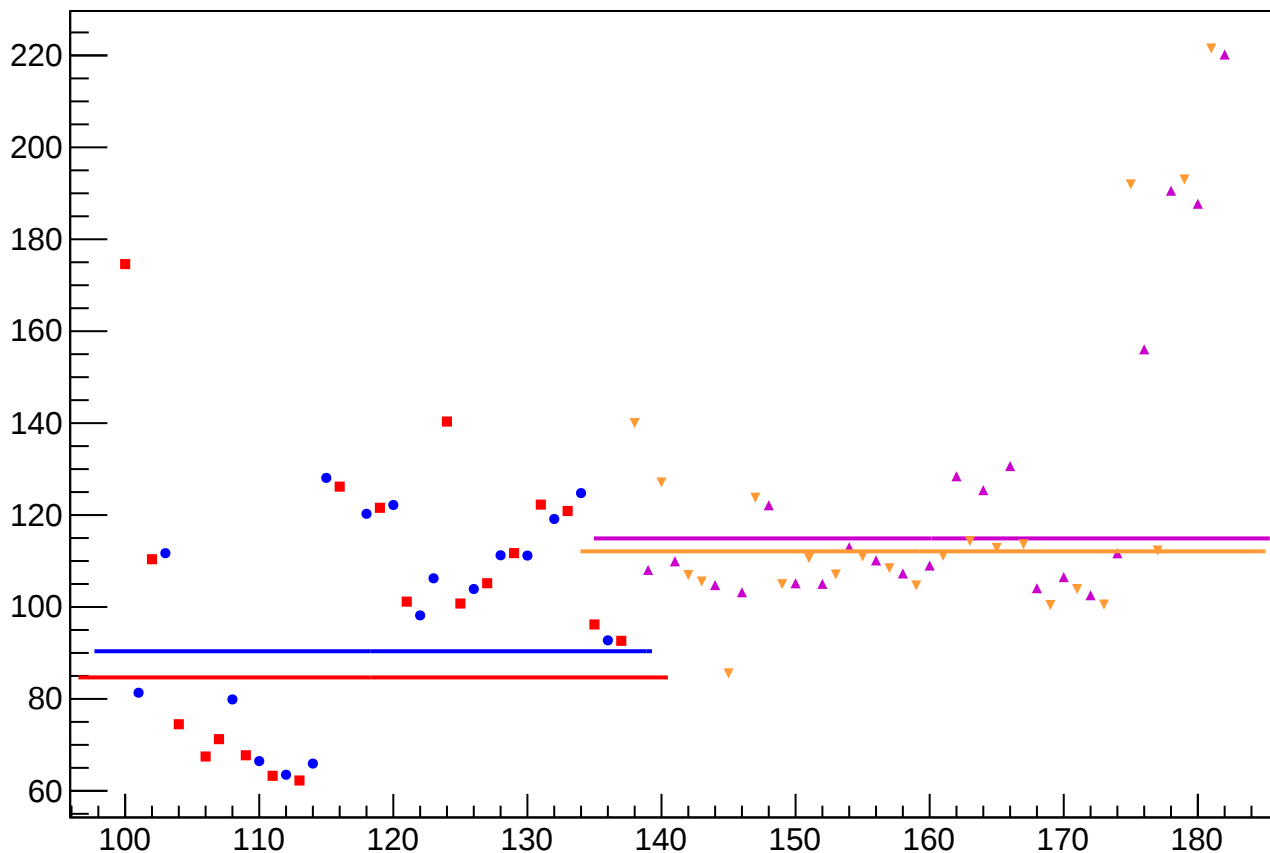
Right: 48.064 ± 24.458 $\chi^2/\text{NDF}: 33.1/35$

In: 36.613 ± 22.248 $\chi^2/\text{NDF}: 40.1/38$

Out: 54.531 ± 21.211 $\chi^2/\text{NDF}: 37.4/41$

All: 45.999 ± 15.352 $\chi^2/\text{NDF}: 77.9/80$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 112.109 $\pm$ 0.019 χ^2 /NDF:1230276.9/22

Right Out: 84.673 $\pm$ 0.024 χ^2 /NDF: 908123.4/18

Left In: 114.918 $\pm$ 0.020 χ^2 /NDF:1107958.2/21

Left: 113.471 $\pm$ 0.014 χ^2 /NDF: 2348371.1/44

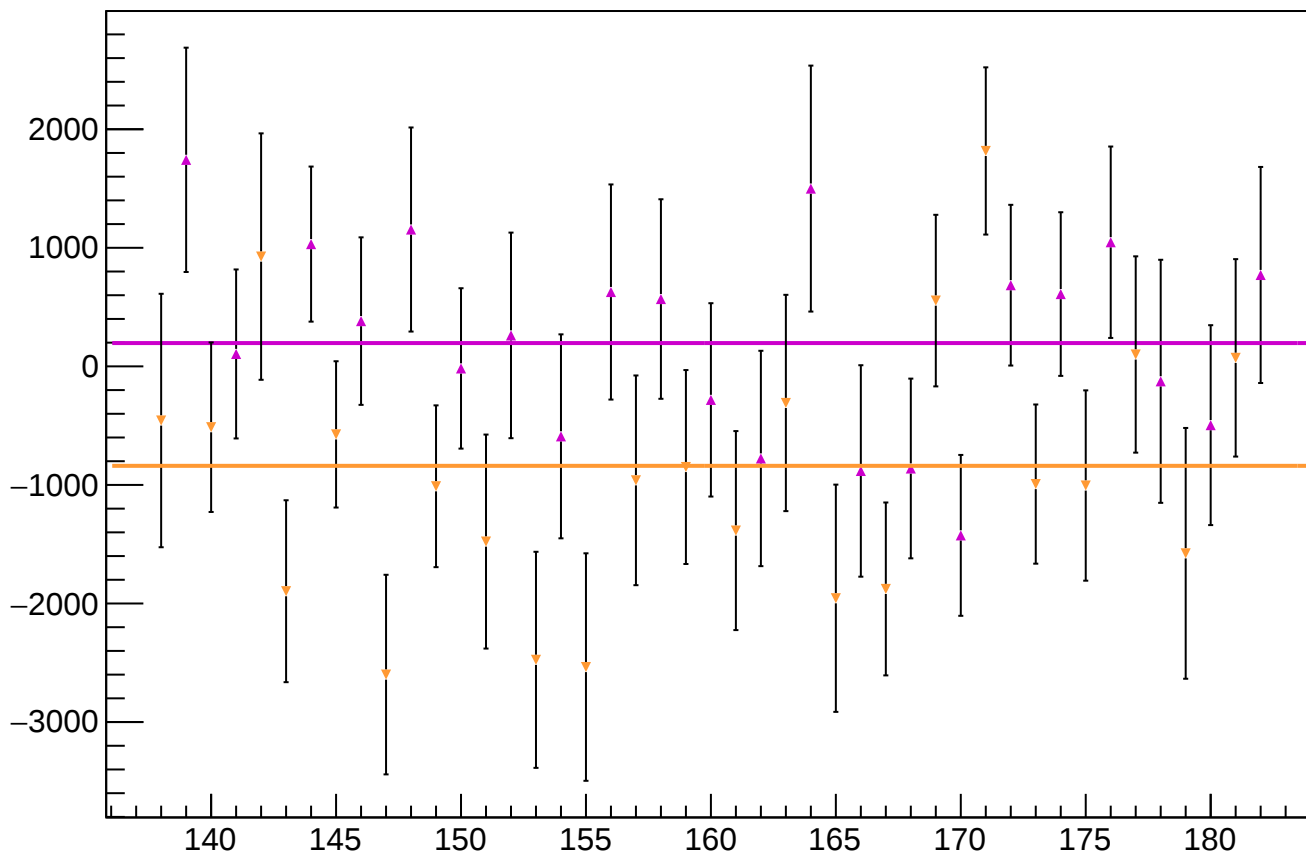
Right: 87.312 $\pm$ 0.017 χ^2 /NDF: 1589292.9/35

In: 105.519 $\pm$ 0.016 χ^2 /NDF:2337250.0/38

Out: 101.025 $\pm$ 0.015 χ^2 /NDF:2944155.8/41

All: 103.164 $\pm$ 0.011 χ^2 /NDF: 5324156.9/80

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -838.943+/-168.997 χ^2/NDF :41.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 196.520+/-170.342 χ^2/NDF :22.3/21

Left: -325.314+/-119.972 χ^2/NDF : 82.7/44

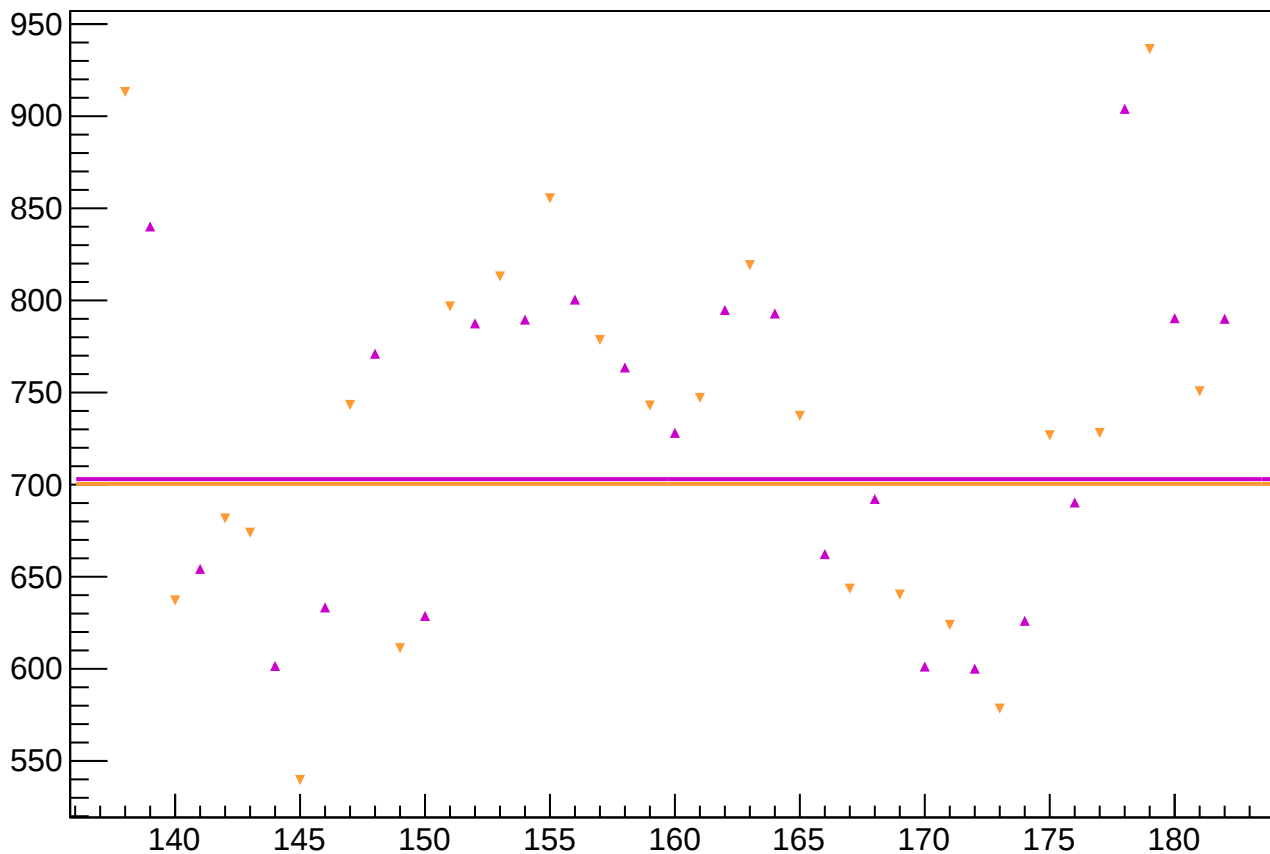
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 196.520+/-170.342 χ^2/NDF :22.3/21

Out: -838.943+/-168.997 χ^2/NDF :41.7/22

All: -325.314+/-119.972 χ^2/NDF : 82.7/44

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 700.400+/-0.119 χ^2/NDF :669458.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 702.995+/-0.120 χ^2/NDF :503255.3/21

Left: 701.687+/-0.085 χ^2/NDF : 1172948.0/44

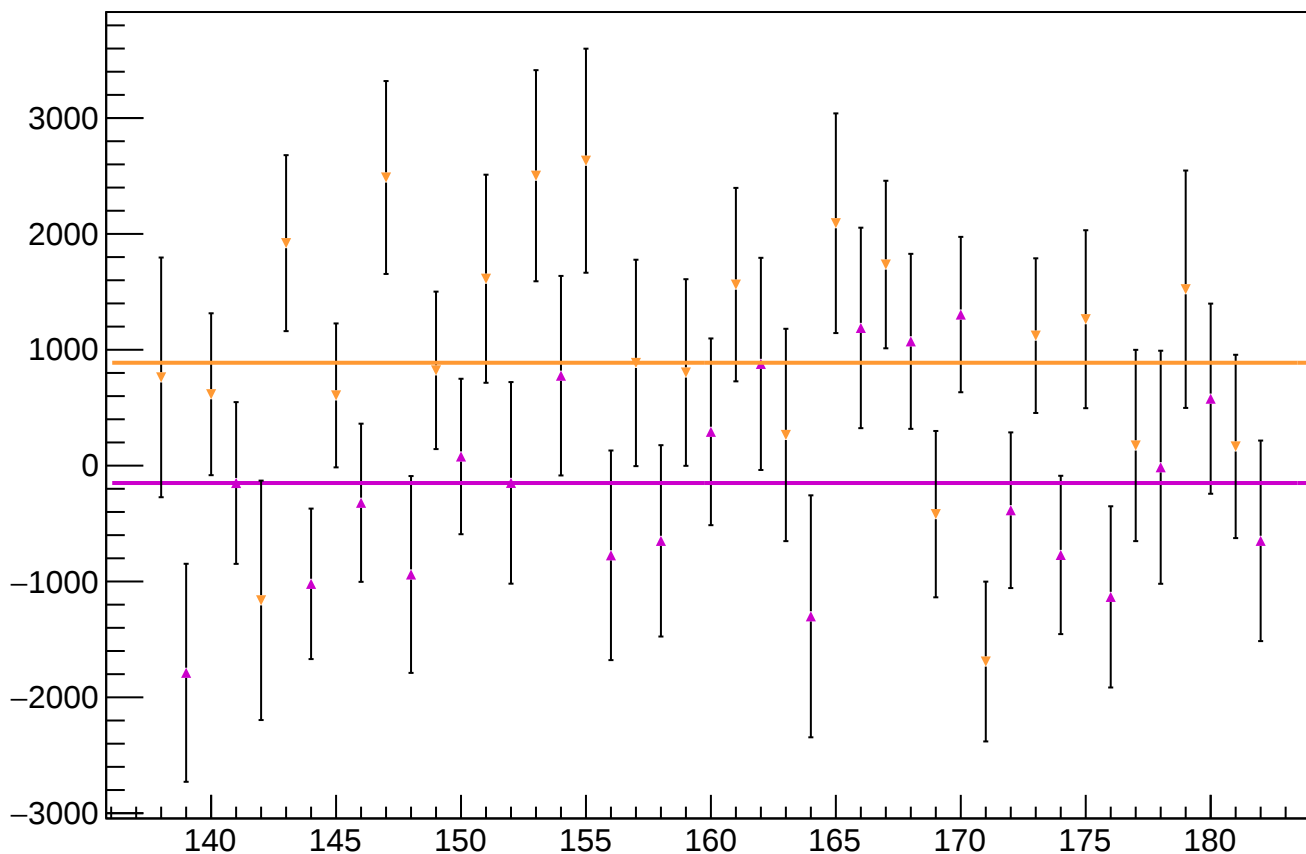
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 702.995+/-0.120 χ^2/NDF :503255.3/21

Out: 700.400+/-0.119 χ^2/NDF :669458.8/22

All: 701.687+/-0.085 χ^2/NDF : 1172948.0/44

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 887.982+/-167.085 χ^2/NDF :40.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -150.068+/-168.008 χ^2/NDF :24.0/21

Left: 371.816+/-118.472 χ^2/NDF : 83.9/44

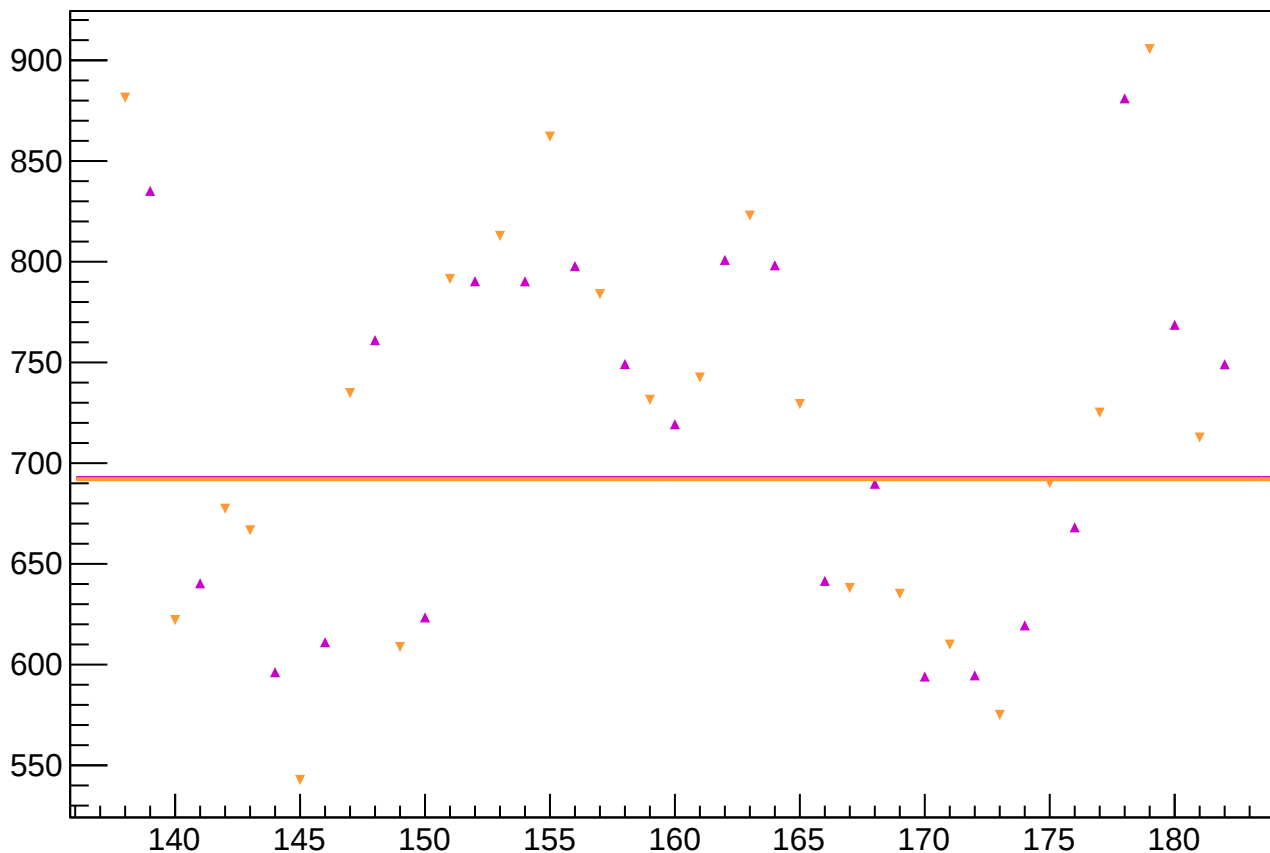
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -150.068+/-168.008 χ^2/NDF :24.0/21

Out: 887.982+/-167.085 χ^2/NDF :40.6/22

All: 371.816+/-118.472 χ^2/NDF : 83.9/44

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 692.039+/-0.118 χ^2/NDF :644359.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 692.619+/-0.119 χ^2/NDF :515500.5/21

Left: 692.327+/-0.084 χ^2/NDF : 1159872.0/44

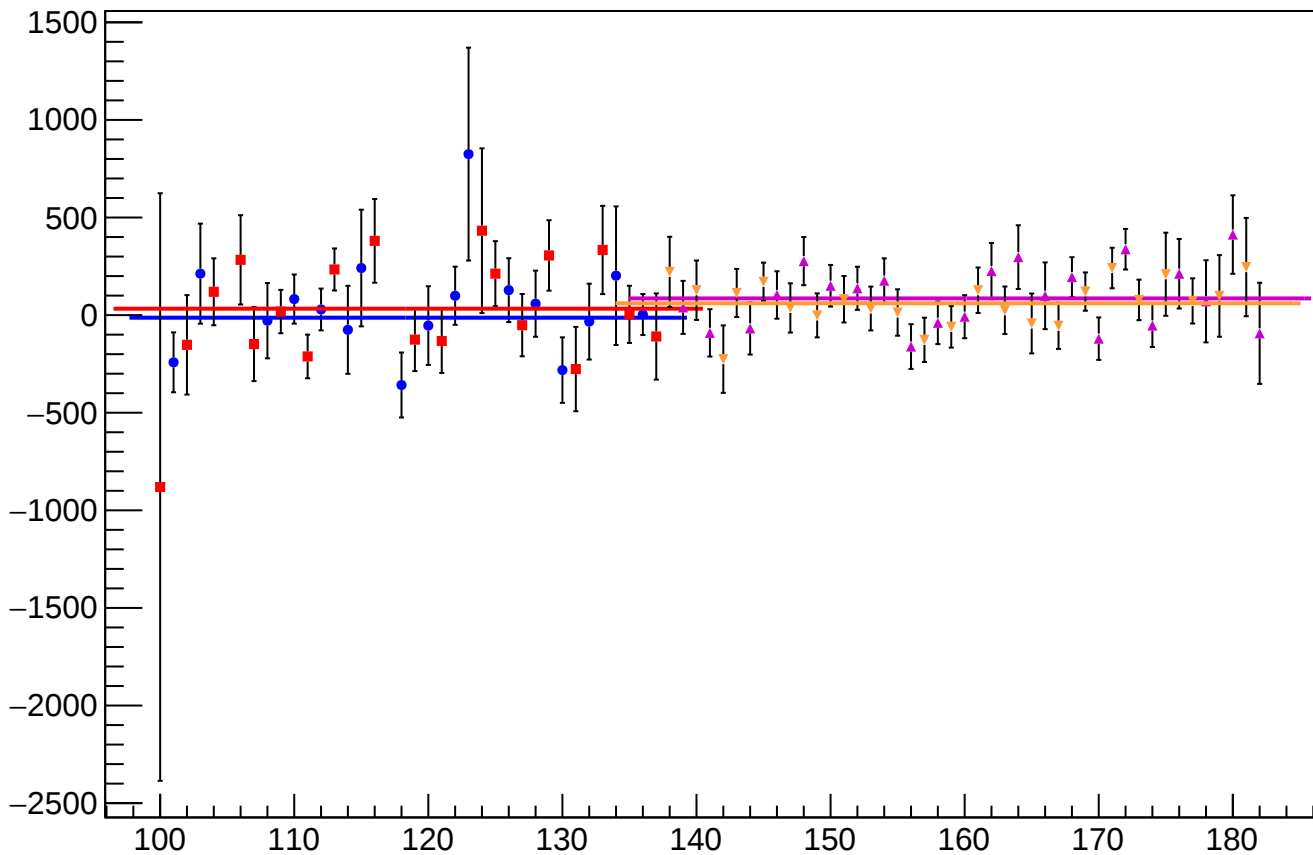
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 692.619+/-0.119 χ^2/NDF :515500.5/21

Out: 692.039+/-0.118 χ^2/NDF :644359.5/22

All: 692.327+/-0.084 χ^2/NDF : 1159872.0/44

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -13.215 ± 40.554 $\chi^2/\text{NDF}: 15.7/16$

Left Out: 60.736 ± 25.946 $\chi^2/\text{NDF}: 16.1/22$

Right Out: 33.027 ± 38.878 $\chi^2/\text{NDF}: 25.1/18$

Left In: 85.624 ± 27.016 $\chi^2/\text{NDF}: 32.3/21$

Left: 72.677 ± 18.713 $\chi^2/\text{NDF}: 48.9/44$

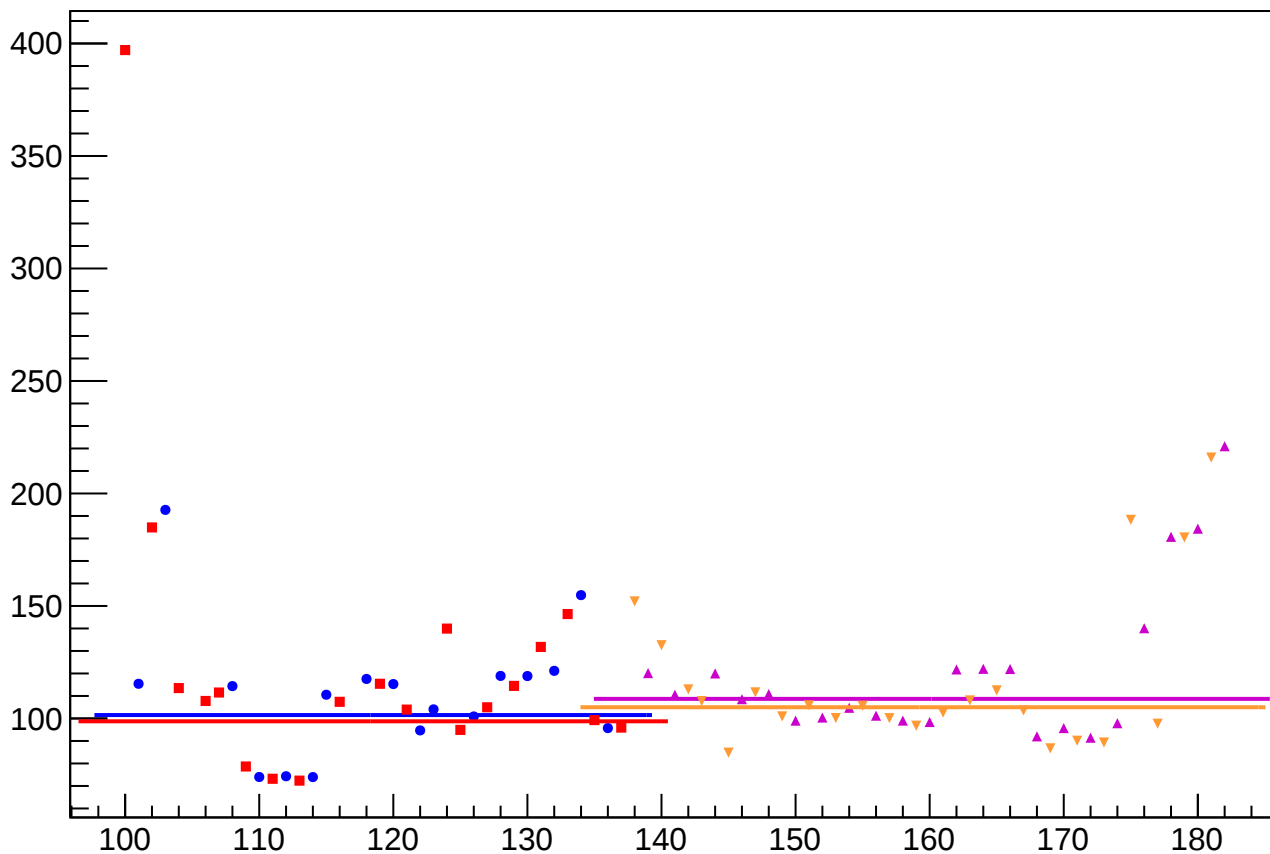
Right: 10.881 ± 28.065 $\chi^2/\text{NDF}: 41.4/35$

In: 55.243 ± 22.484 $\chi^2/\text{NDF}: 52.1/38$

Out: 52.198 ± 21.581 $\chi^2/\text{NDF}: 41.5/41$

All: 53.658 ± 15.569 $\chi^2/\text{NDF}: 93.7/80$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 104.987 $\pm$ 0.018 χ^2 /NDF: 1445870.9/22

Right Out: 98.736 $\pm$ 0.027 χ^2 /NDF: 825631.4/18

Left In: 108.708 $\pm$ 0.019 χ^2 /NDF: 1255171.4/21

Left: 106.772 $\pm$ 0.013 χ^2 /NDF: 2720772.9/44

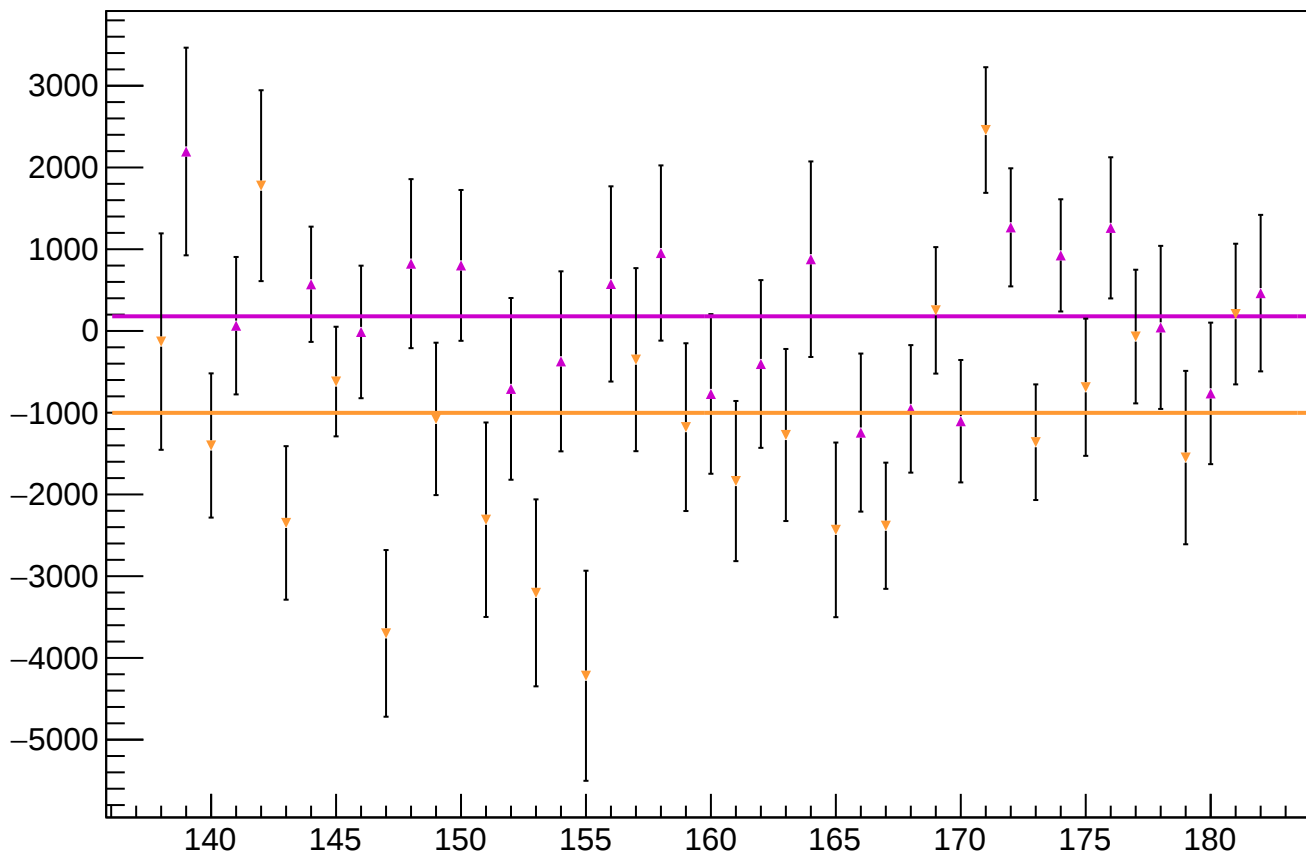
Right: 100.069 $\pm$ 0.020 χ^2 /NDF: 1512254.1/35

In: 106.498 $\pm$ 0.016 χ^2 /NDF: 1980410.0/38

Out: 103.061 $\pm$ 0.015 χ^2 /NDF: 2307278.0/41

All: 104.709 $\pm$ 0.011 χ^2 /NDF: 4312014.6/80

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 179.319+/-192.852 χ^2/NDF :20.4/21

Left: -411.351+/-136.352 χ^2/NDF : 99.0/44

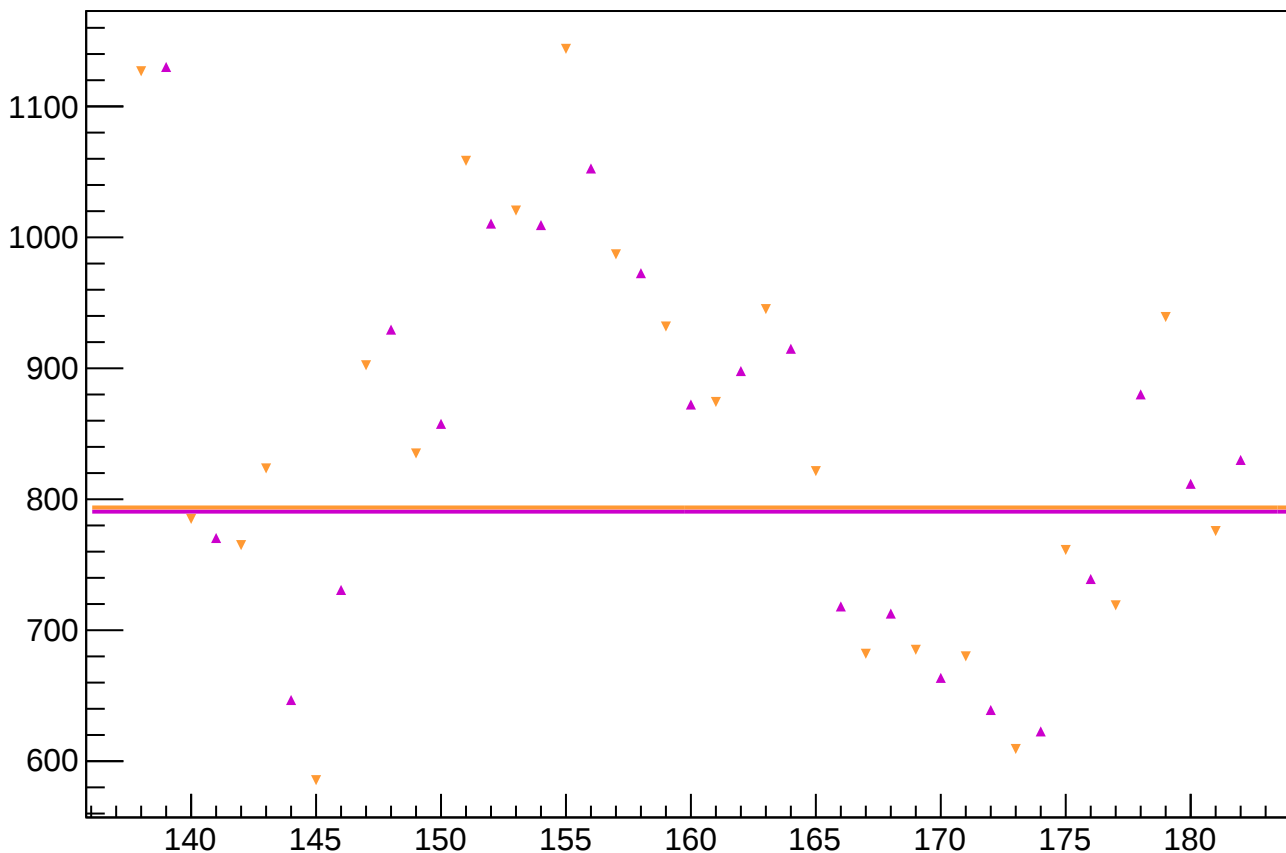
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 179.319+/-192.852 χ^2/NDF :20.4/21

Out: -1001.761+/-192.809 χ^2/NDF :59.9/22

All: -411.351+/-136.352 χ^2/NDF : 99.0/44

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Left: 792.146+/-0.096 χ^2/NDF : 2125085.6/44

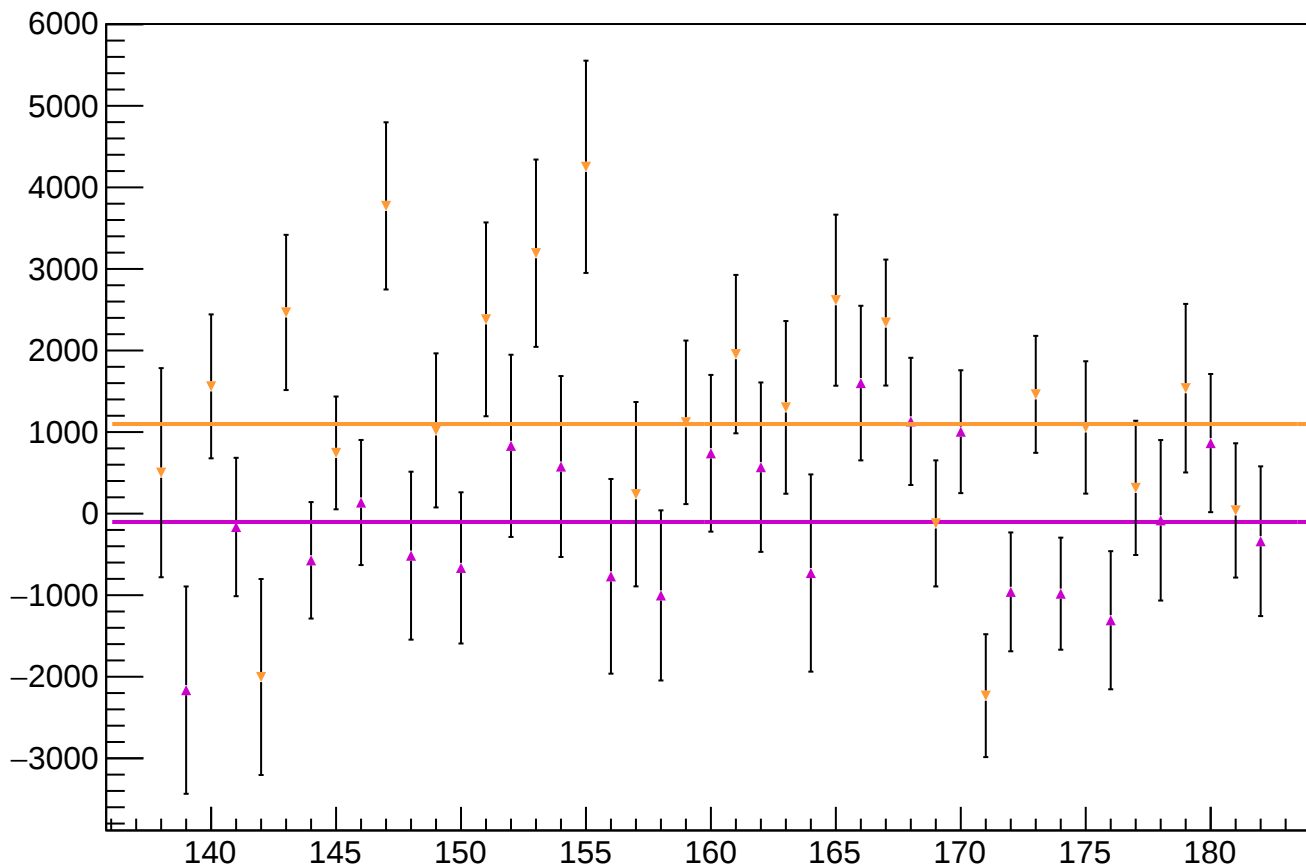
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 790.561+/-0.136 χ^2/NDF :977676.2/21

Out: 793.730+/-0.136 χ^2/NDF :1147139.4/22

All: 792.146+/-0.096 χ^2/NDF : 2125085.6/44

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.508+/-191.608 χ^2/NDF : 21.6/21

Left: 495.641+/-135.768 χ^2/NDF : 98.9/44

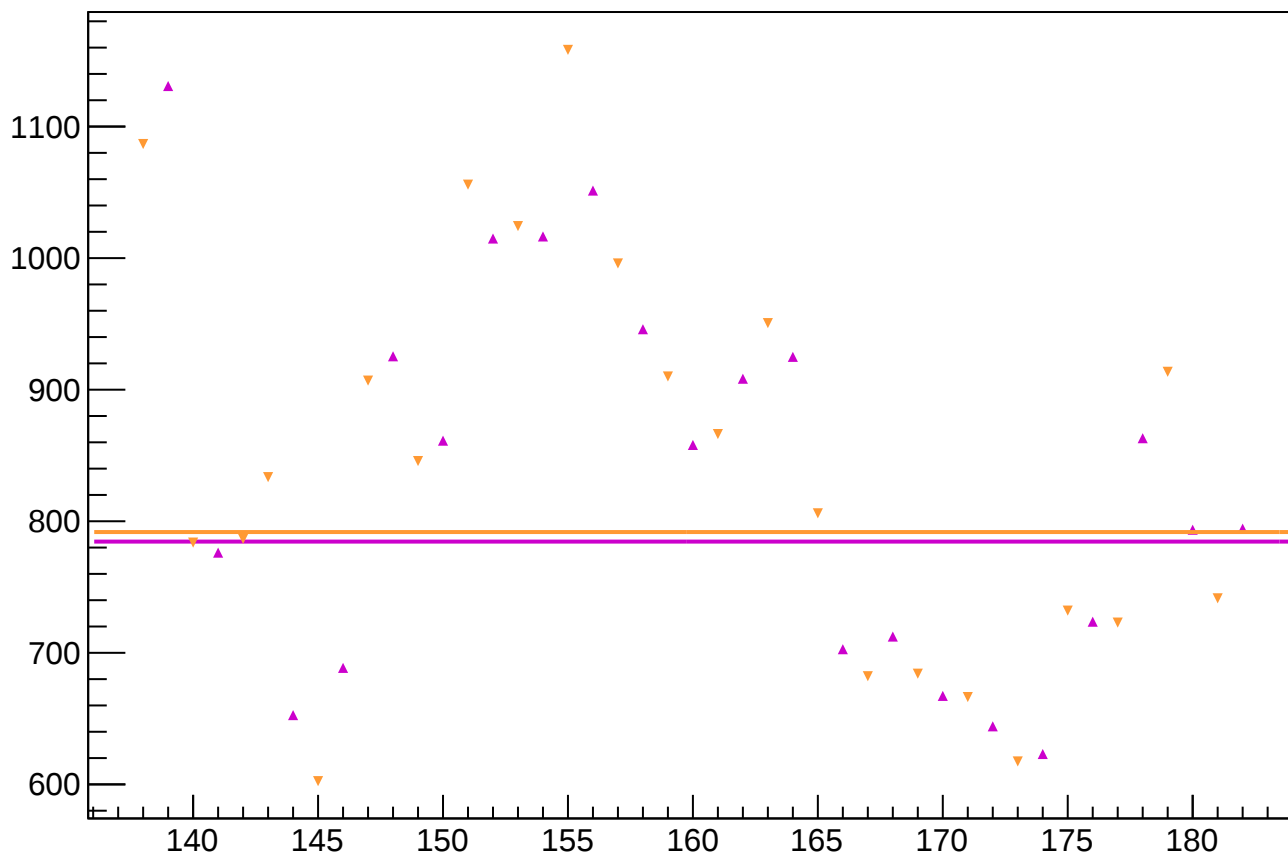
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.508+/-191.608 χ^2/NDF : 21.6/21

Out: 1098.779+/-192.406 χ^2/NDF : 57.8/22

All: 495.641+/-135.768 χ^2/NDF : 98.9/44

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Left: 788.159+/-0.096 χ^2/NDF : 2070927.0/44

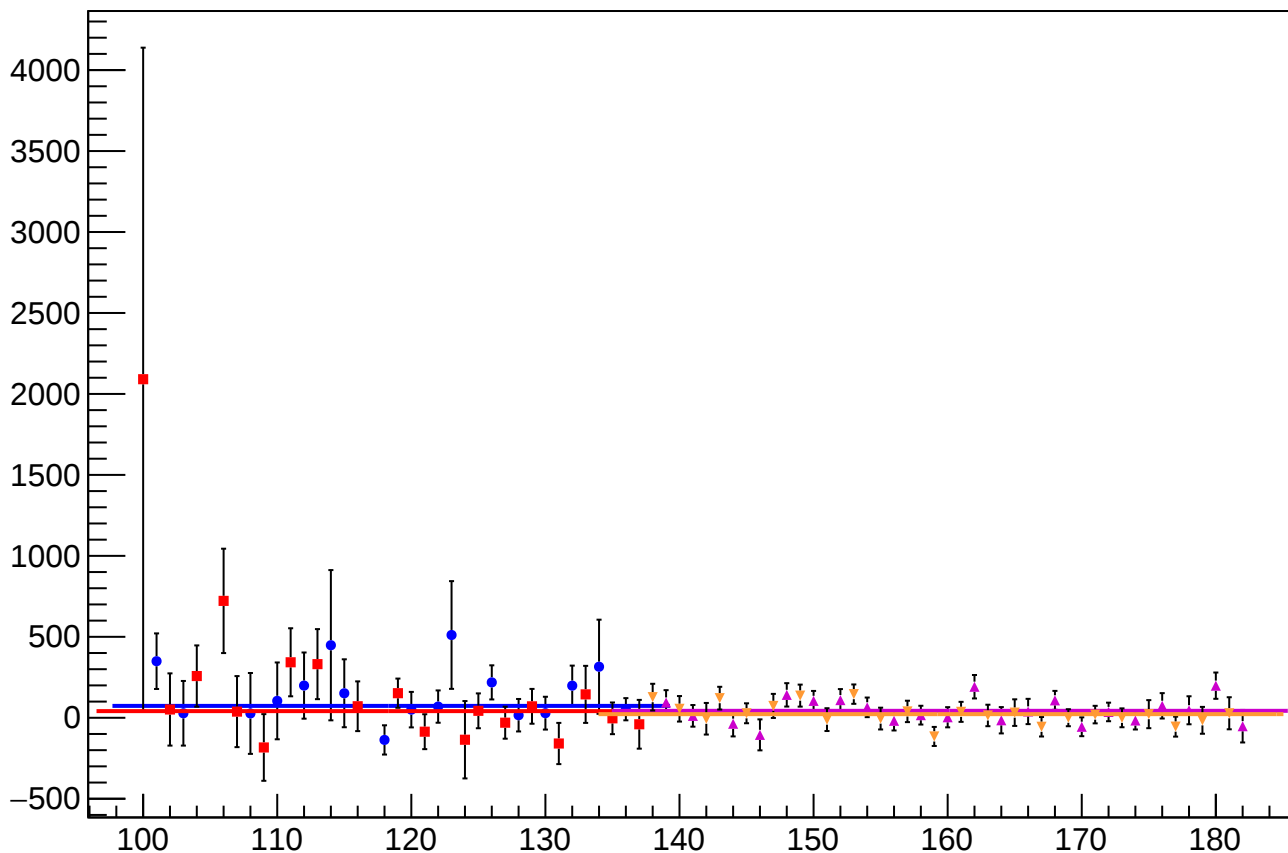
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 784.544+/-0.135 χ^2/NDF :975487.9/21

Out: 791.804+/-0.136 χ^2/NDF :1094009.5/22

All: 788.159+/-0.096 χ^2/NDF : 2070927.0/44

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 73.448 $\pm$ 31.060 χ^2 /NDF: 15.3/16

Left Out: 22.426 $\pm$ 14.068 χ^2 /NDF:21.2/22

Right Out: 41.118 $\pm$ 32.741 χ^2 /NDF: 19.2/18

Left In: 42.958 $\pm$ 14.559 χ^2 /NDF:24.4/21

Left: 32.341 $\pm$ 10.117 χ^2 /NDF: 46.7/44

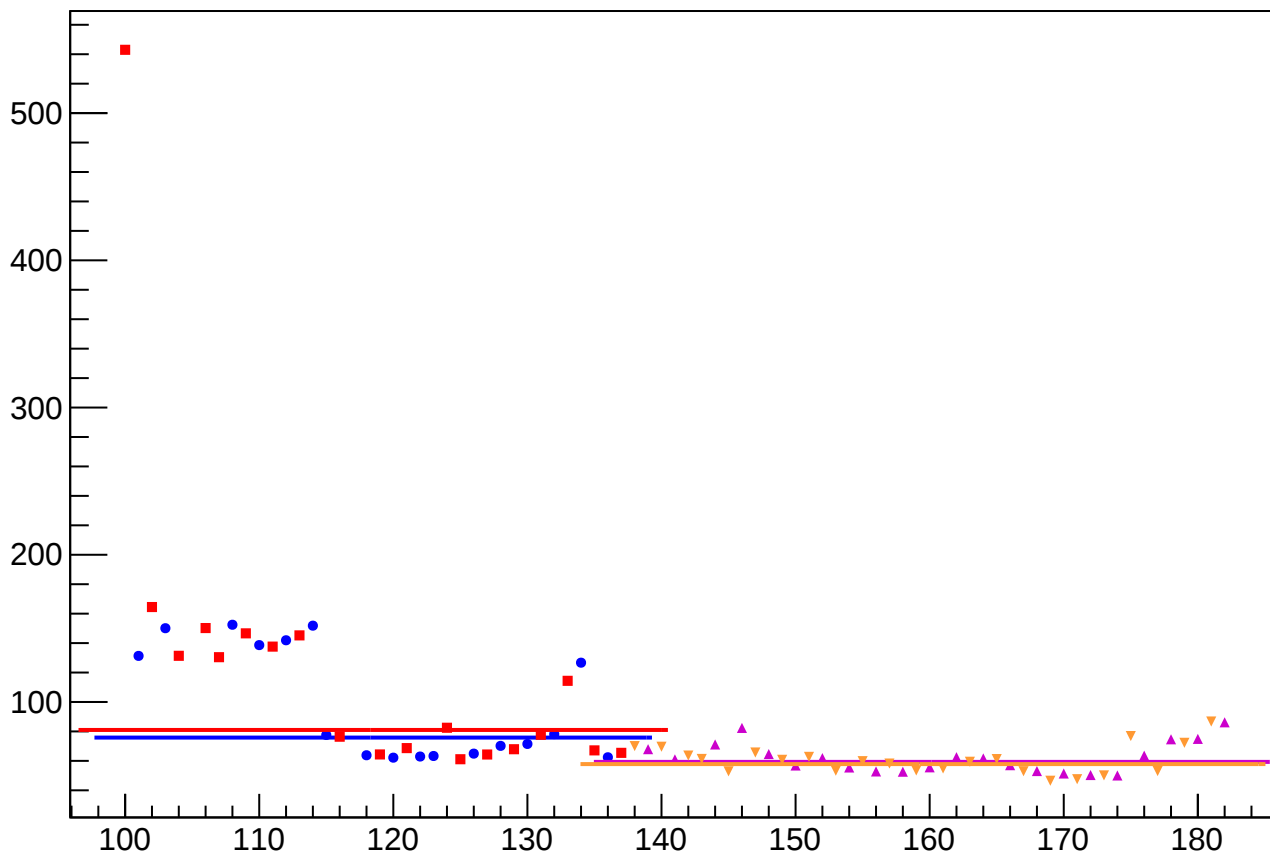
Right: 58.134 $\pm$ 22.534 χ^2 /NDF: 35.0/35

In: 48.450 $\pm$ 13.182 χ^2 /NDF:40.5/38

Out: 25.340 $\pm$ 12.926 χ^2 /NDF:40.7/41

All: 36.667 $\pm$ 9.229 χ^2 /NDF: 82.8/80

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2 /NDF: 1349961.8/16

Left Out: 57.814 $\pm$ 0.010 χ^2 /NDF: 734358.4/22

Right Out: 80.999 $\pm$ 0.023 χ^2 /NDF: 1627899.8/18

Left In: 59.308 $\pm$ 0.010 χ^2 /NDF: 727305.2/21

Left: 58.536 $\pm$ 0.007 χ^2 /NDF: 1472556.7/44

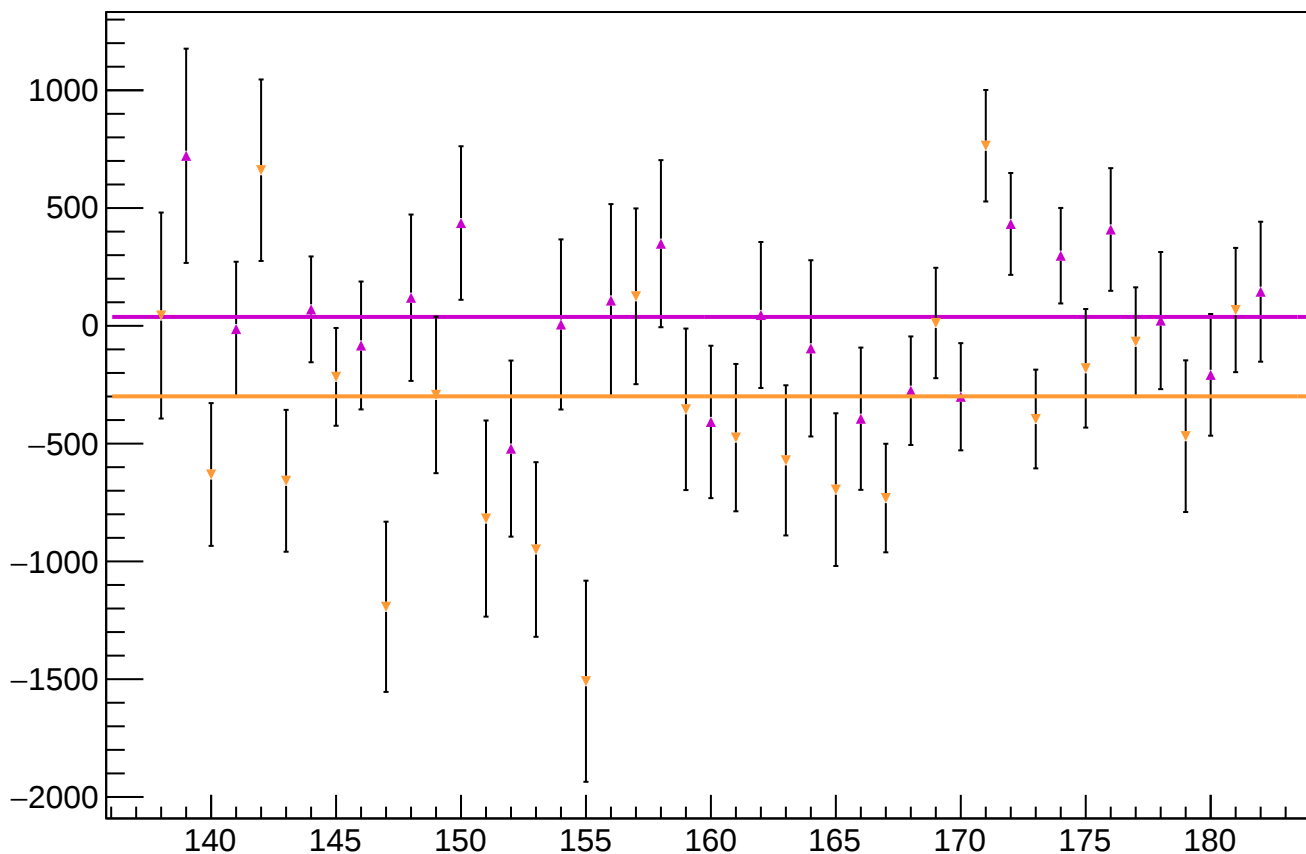
Right: 78.273 $\pm$ 0.016 χ^2 /NDF: 3004207.0/35

In: 62.282 $\pm$ 0.009 χ^2 /NDF: 2540639.9/38

Out: 61.428 $\pm$ 0.009 χ^2 /NDF: 3208895.0/41

All: 61.847 $\pm$ 0.007 χ^2 /NDF: 5753820.9/80

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -299.309+/-60.432 χ^2/NDF :61.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.789+/-60.688 χ^2/NDF :23.3/21

Left: -131.472+/-42.822 χ^2/NDF : 100.1/44

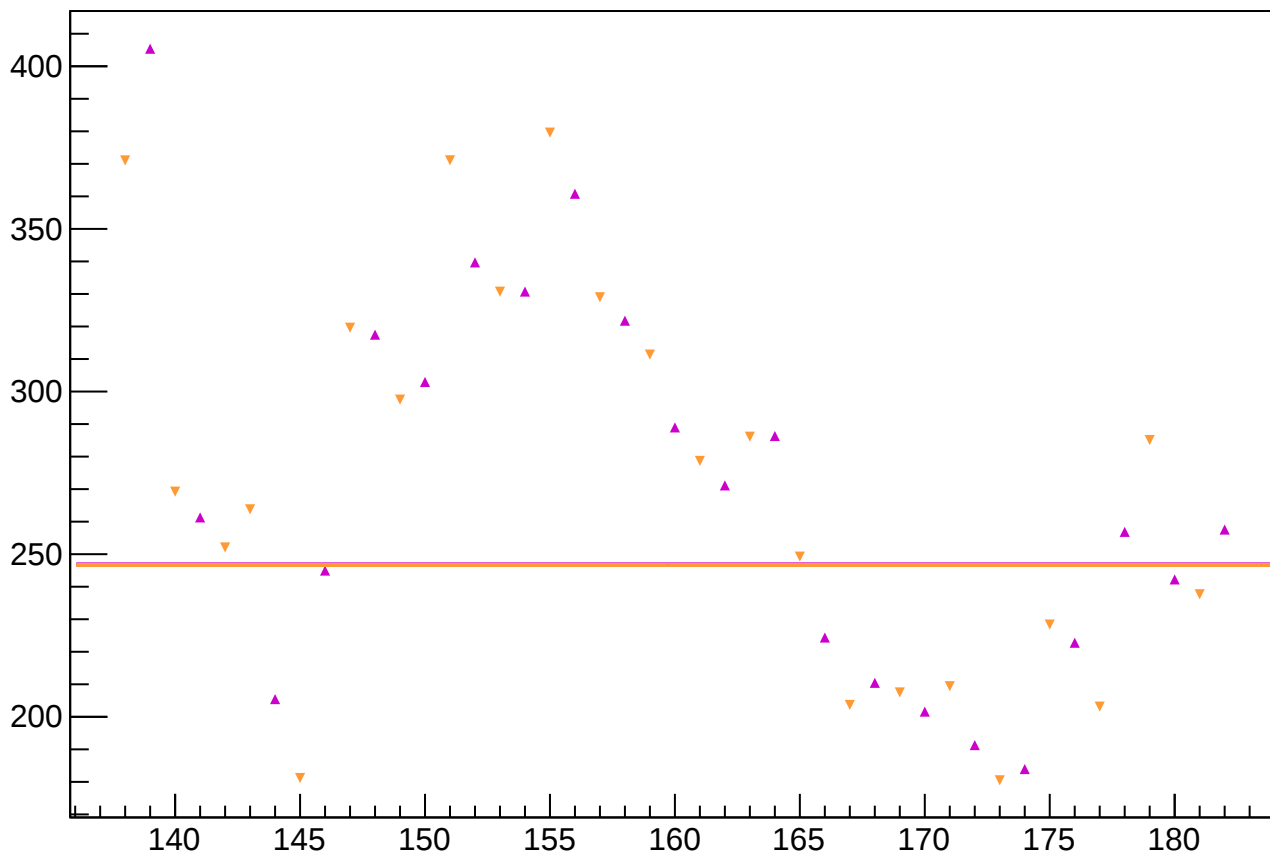
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 37.789+/-60.688 χ^2/NDF :23.3/21

Out: -299.309+/-60.432 χ^2/NDF :61.4/22

All: -131.472+/-42.822 χ^2/NDF : 100.1/44

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Left: 246.776+/-0.030 χ^2/NDF : 3177069.9/44

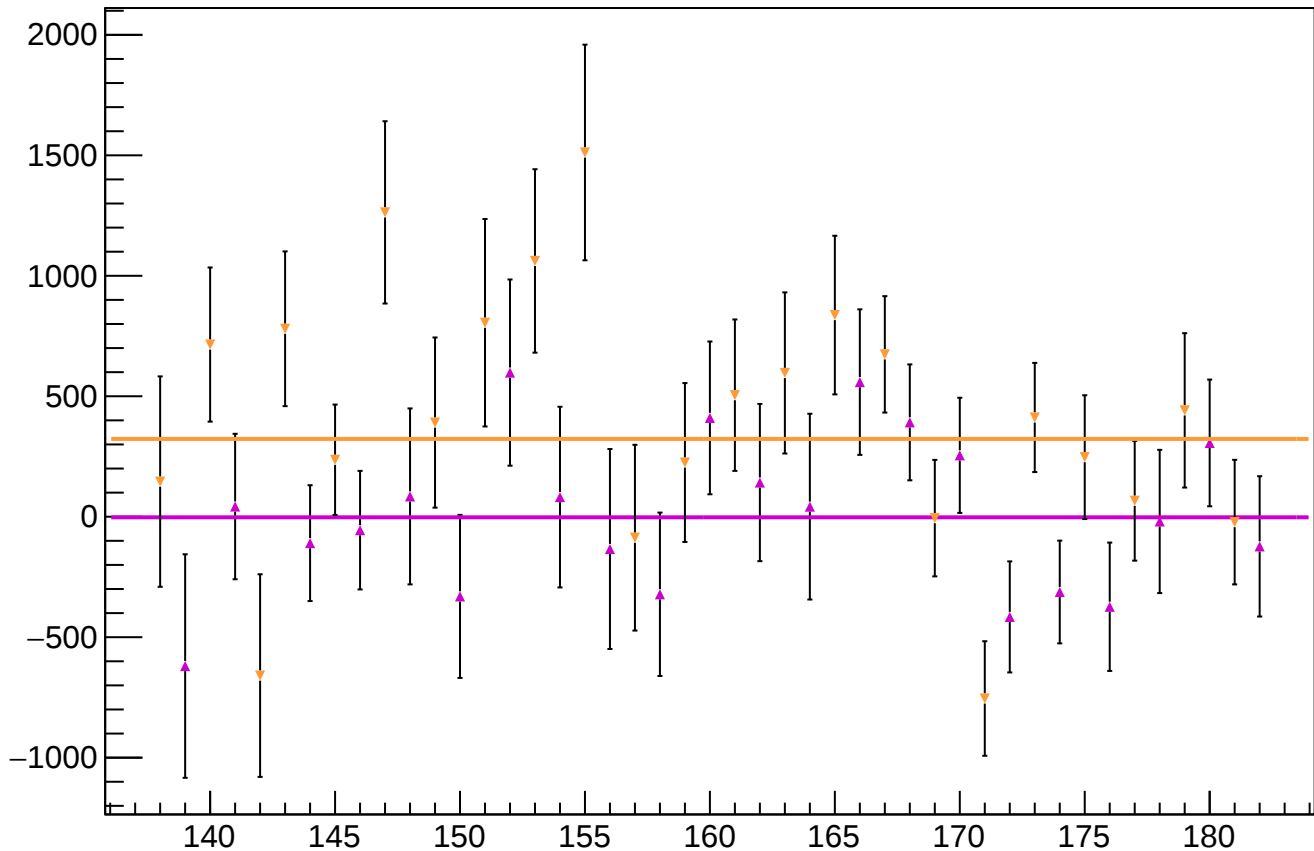
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 246.867+/-0.043 χ^2/NDF :1487147.9/21

Out: 246.685+/-0.043 χ^2/NDF :1689913.0/22

All: 246.776+/-0.030 χ^2/NDF : 3177069.9/44

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 322.928+/-62.818 χ^2/NDF :60.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2.458+/-62.219 χ^2/NDF :24.5/21

Left: 158.676+/-44.206 χ^2/NDF : 98.0/44

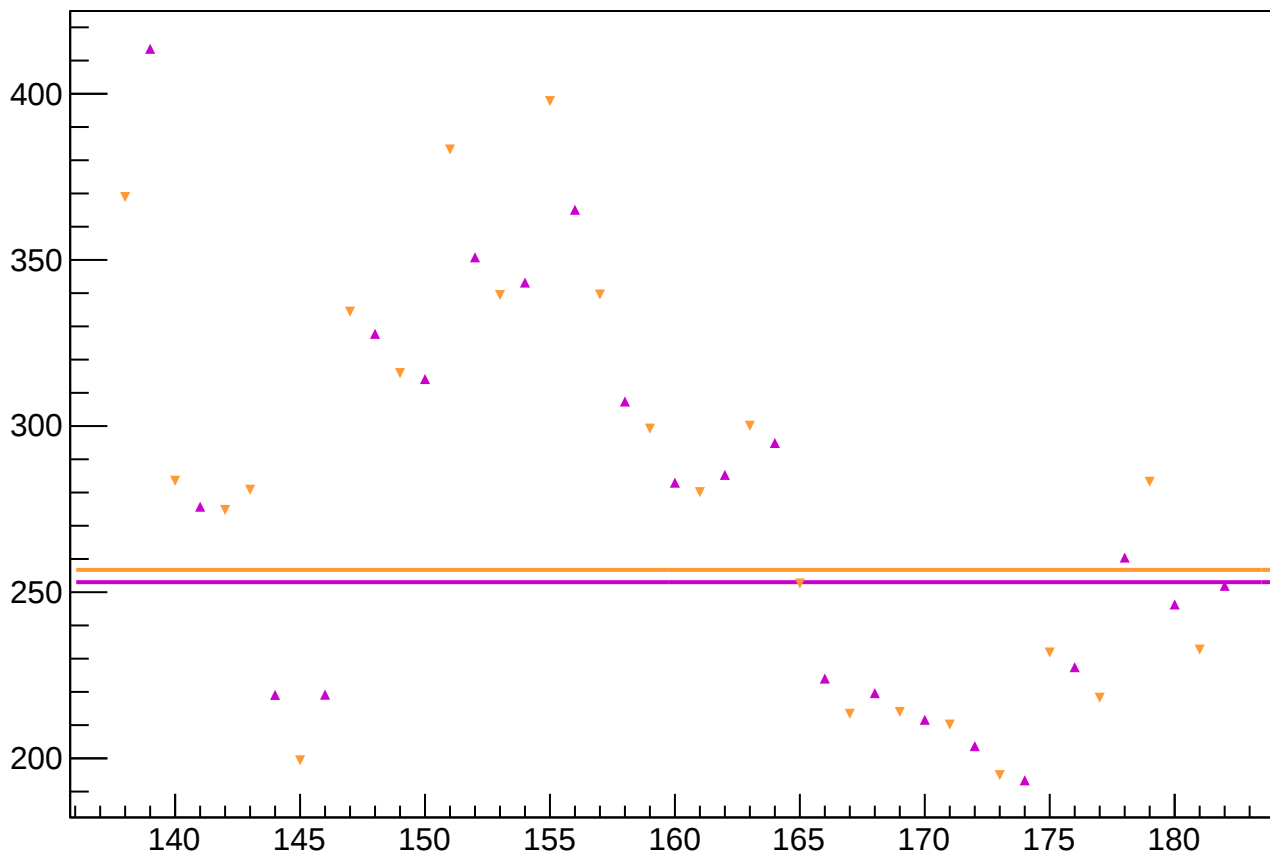
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.458+/-62.219 χ^2/NDF :24.5/21

Out: 322.928+/-62.818 χ^2/NDF :60.0/22

All: 158.676+/-44.206 χ^2/NDF : 98.0/44

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Left: 254.857+/-0.031 χ^2/NDF : 2882697.6/44

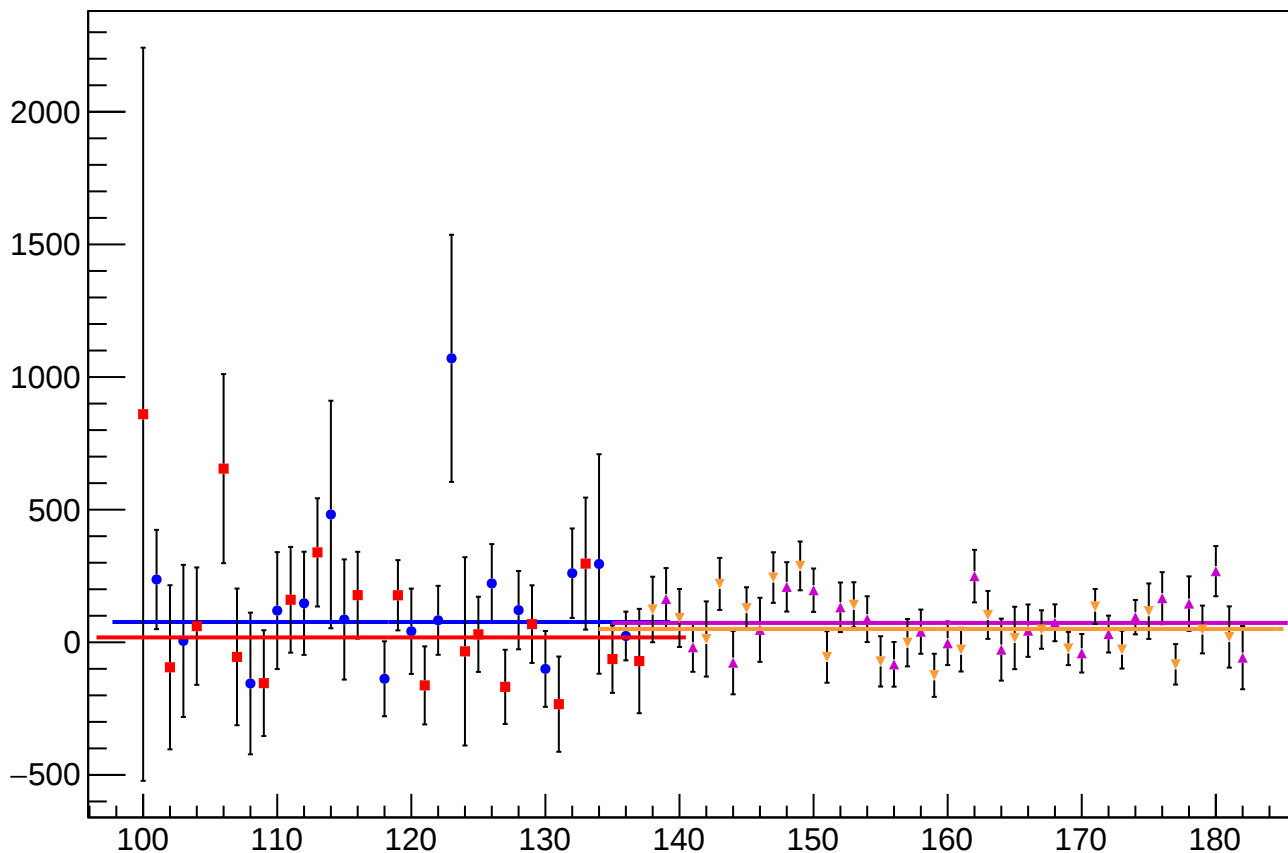
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 253.024+/-0.044 χ^2/NDF :1365829.4/21

Out: 256.726+/-0.044 χ^2/NDF :1513361.4/22

All: 254.857+/-0.031 χ^2/NDF : 2882697.6/44

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: 50.064 $\pm$ 18.257 χ^2 /NDF:33.4/22

Right Out: 18.393 $\pm$ 42.277 χ^2 /NDF: 17.2/18

Left In: 73.058 $\pm$ 18.982 χ^2 /NDF:26.3/21

Left: 61.114 $\pm$ 13.159 χ^2 /NDF: 60.5/44

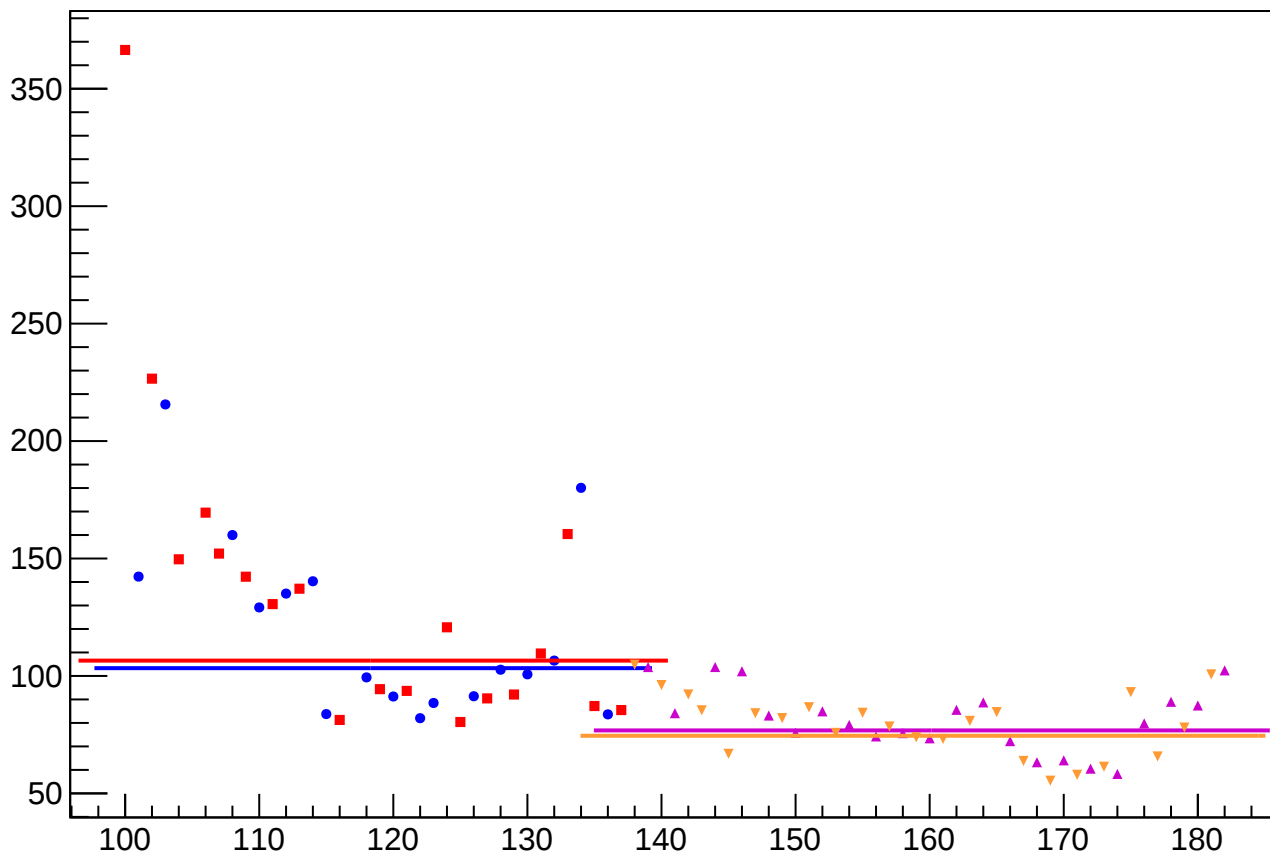
Right: 47.947 $\pm$ 29.637 χ^2 /NDF: 32.0/35

In: 73.653 $\pm$ 17.266 χ^2 /NDF:40.2/38

Out: 45.086 $\pm$ 16.761 χ^2 /NDF:51.1/41

All: 58.946 $\pm$ 12.027 χ^2 /NDF: 92.7/80

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318 $\pm$ 0.029 χ^2 /NDF: 837801.7/16

Left Out: 74.538 $\pm$ 0.013 χ^2 /NDF: 1008651.4/22

Right Out: 106.532 $\pm$ 0.030 χ^2 /NDF: 1071553.9/18

Left In: 76.816 $\pm$ 0.013 χ^2 /NDF: 938868.0/21

Left: 75.633 $\pm$ 0.009 χ^2 /NDF: 1962487.8/44

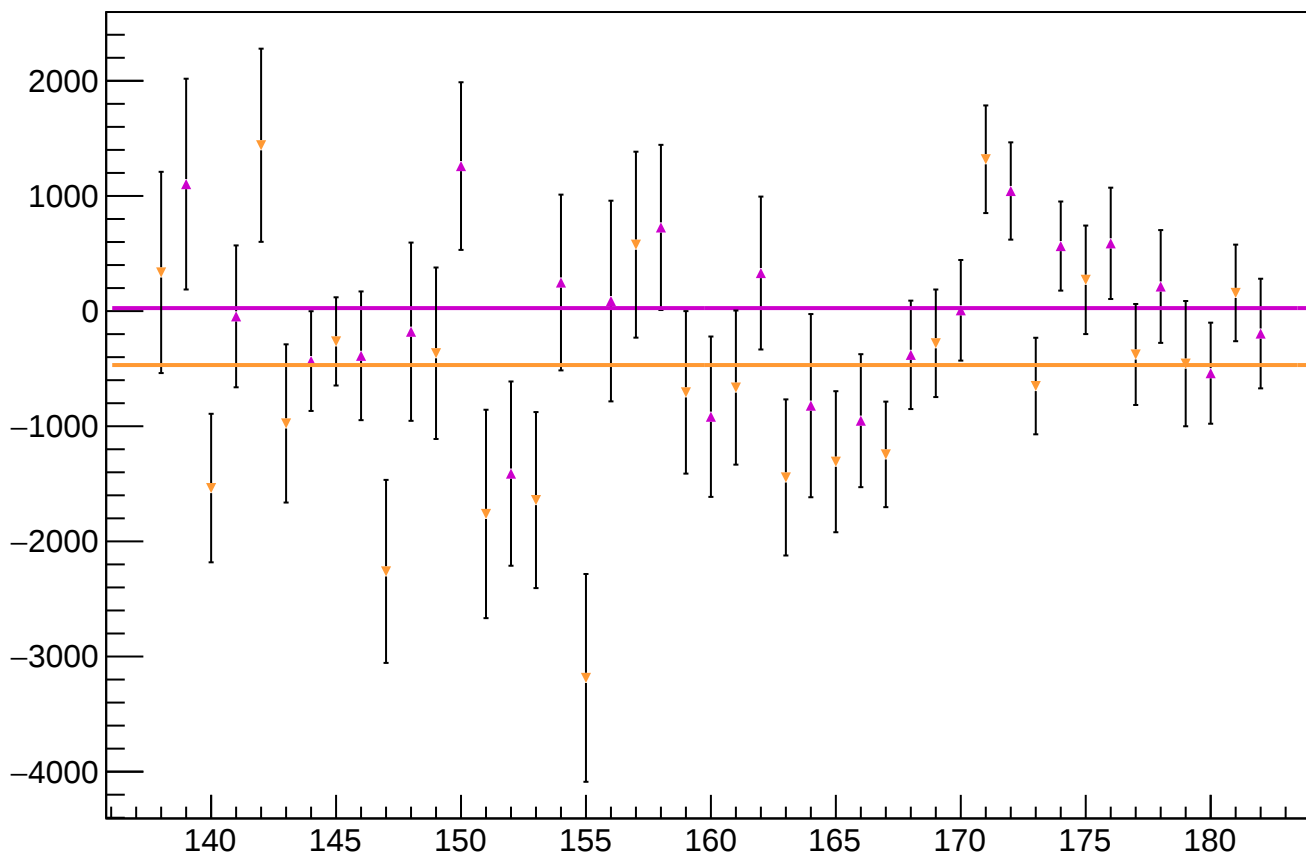
Right: 104.897 $\pm$ 0.021 χ^2 /NDF: 1915236.3/35

In: 81.391 $\pm$ 0.012 χ^2 /NDF: 2449613.3/38

Out: 79.567 $\pm$ 0.012 χ^2 /NDF: 3045591.8/41

All: 80.452 $\pm$ 0.009 χ^2 /NDF: 5506698.9/80

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -468.490 $\pm$ 119.006 χ^2 /NDF:56.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 26.048 $\pm$ 118.309 χ^2 /NDF:28.2/21

Left: -219.768 $\pm$ 83.903 χ^2 /NDF: 93.5/44

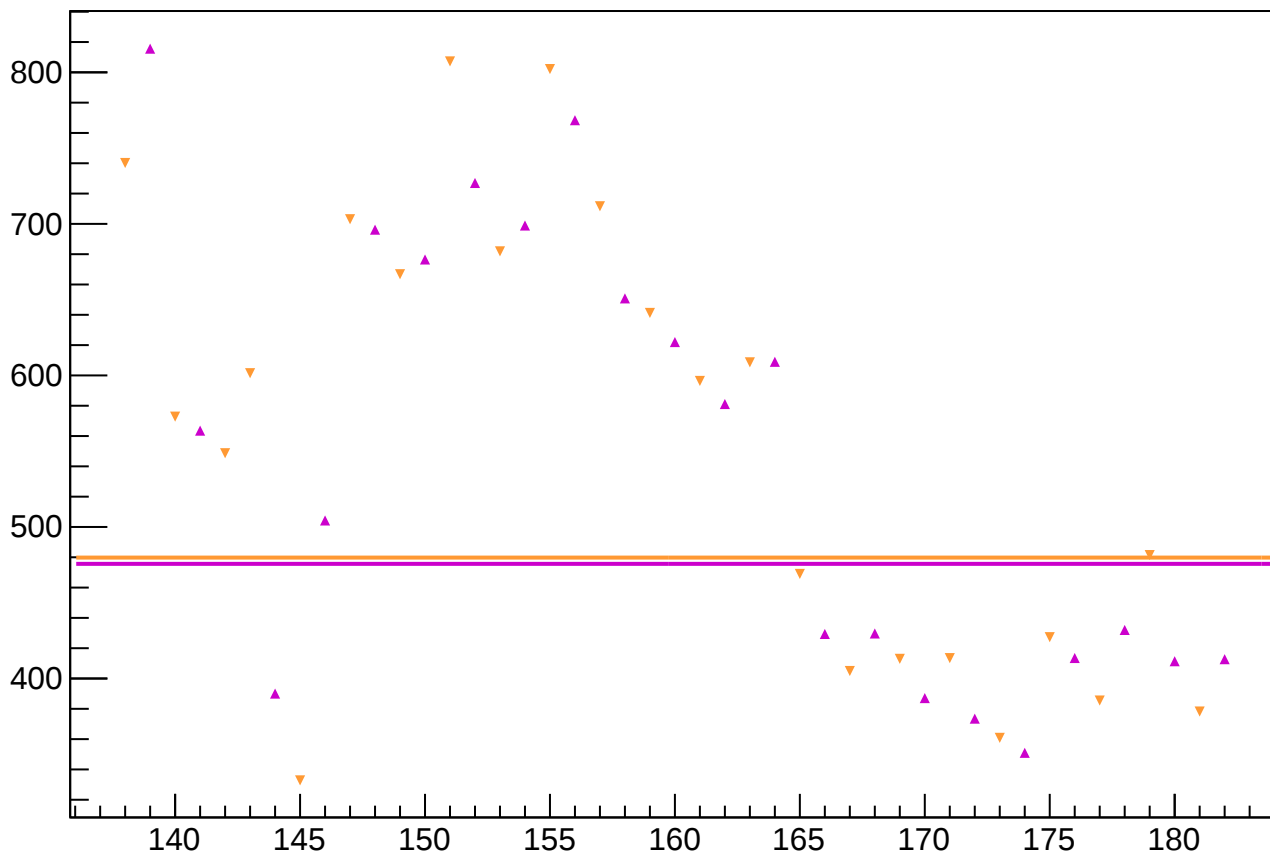
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 26.048 $\pm$ 118.309 χ^2 /NDF:28.2/21

Out: -468.490 $\pm$ 119.006 χ^2 /NDF:56.6/22

All: -219.768 $\pm$ 83.903 χ^2 /NDF: 93.5/44

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Left: 477.717+/-0.059 χ^2/NDF : 4653484.9/44

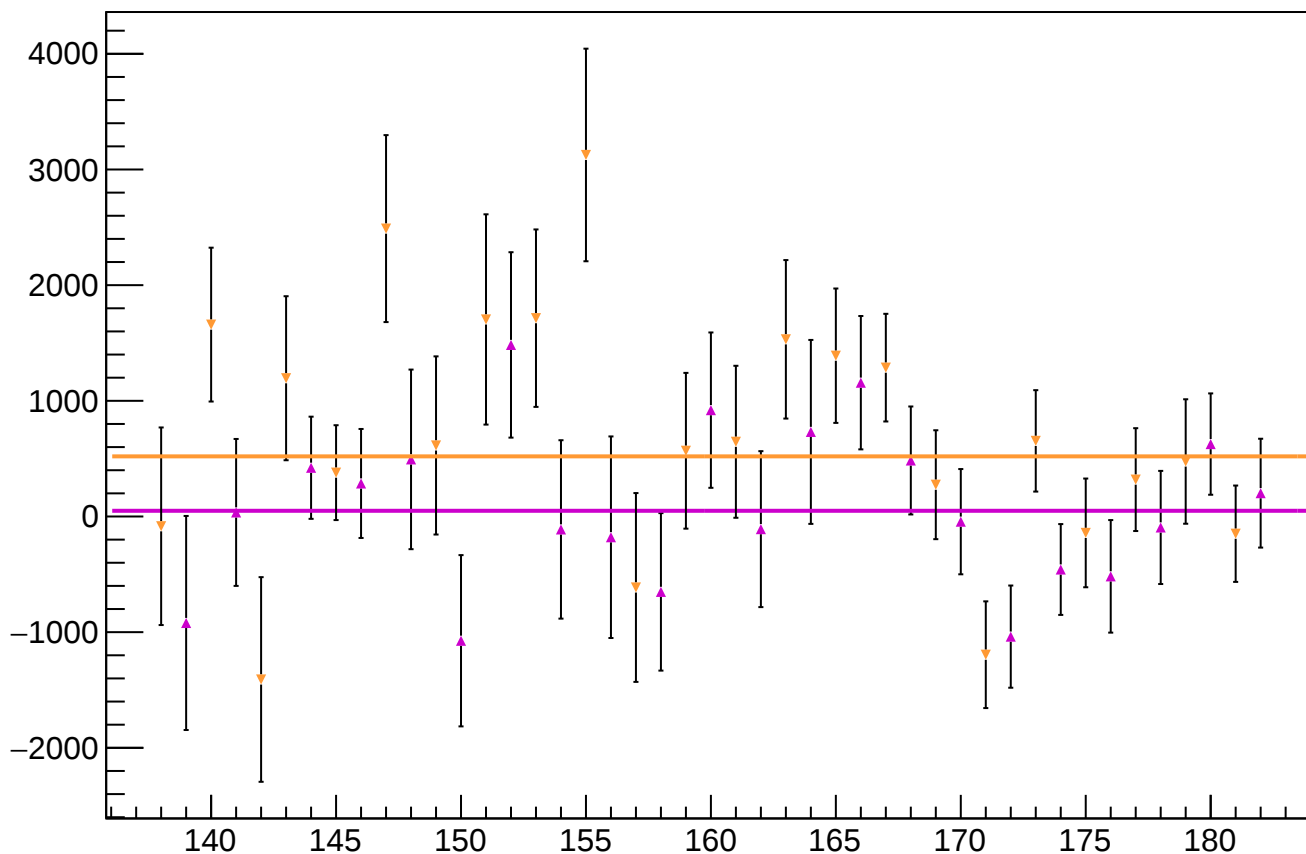
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 475.660+/-0.084 χ^2/NDF :2188314.8/21

Out: 479.799+/-0.084 χ^2/NDF :2463953.9/22

All: 477.717+/-0.059 χ^2/NDF : 4653484.9/44

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 519.805+/-120.288 χ^2/NDF :55.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 49.342+/-118.140 χ^2/NDF :27.2/21

Left: 280.336+/-84.287 χ^2/NDF : 90.3/44

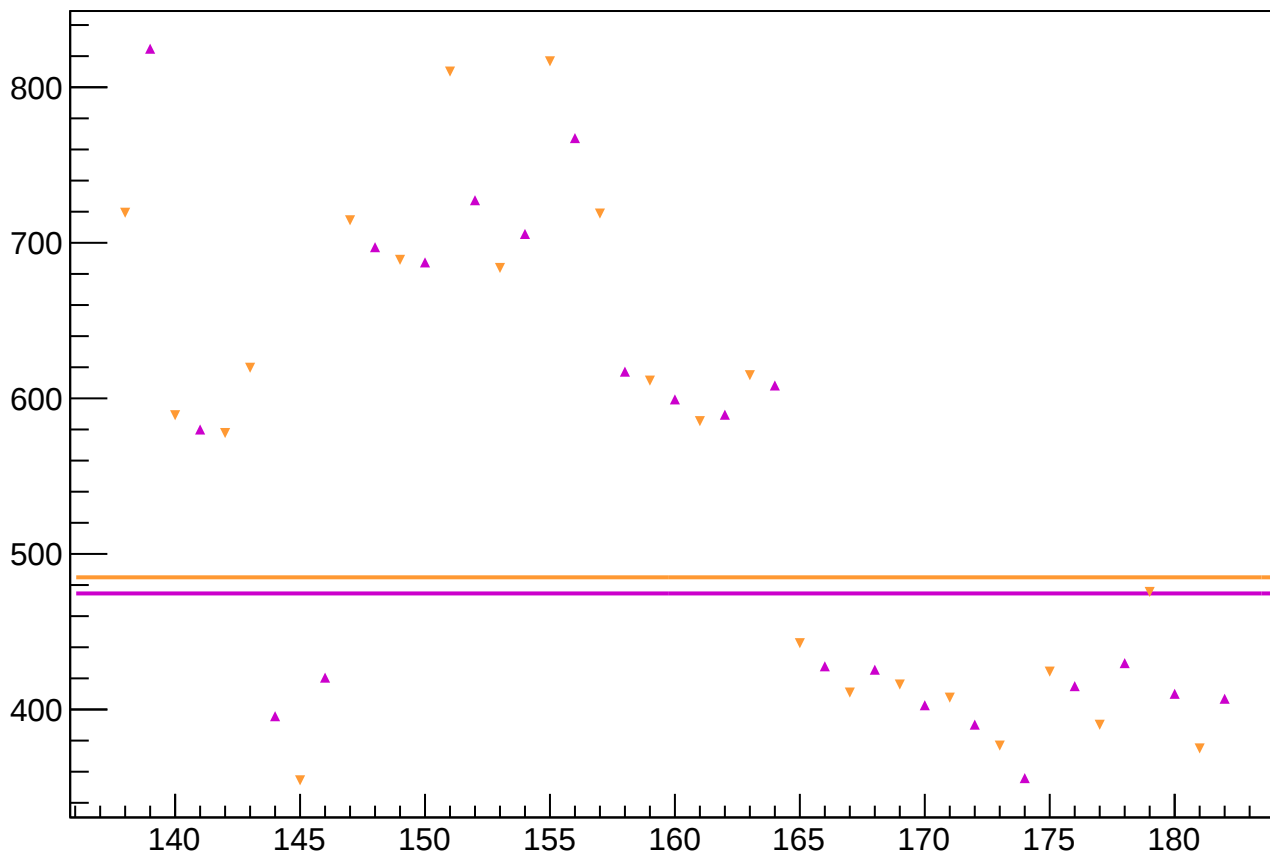
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 49.342+/-118.140 χ^2/NDF :27.2/21

Out: 519.805+/-120.288 χ^2/NDF :55.4/22

All: 280.336+/-84.287 χ^2/NDF : 90.3/44

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Left: 479.687+/-0.060 χ^2/NDF : 4465965.3/44

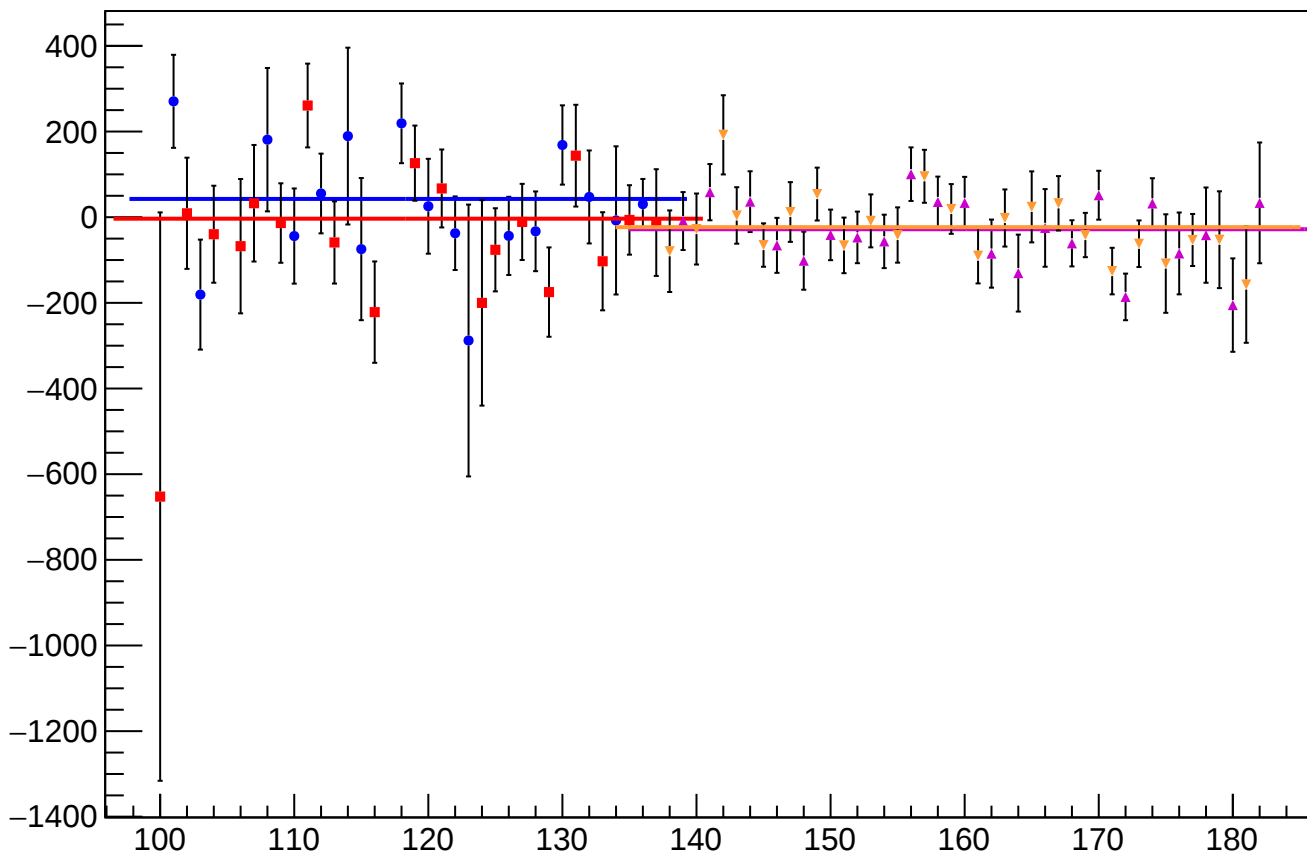
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 474.598+/-0.084 χ^2/NDF :2109542.6/21

Out: 484.963+/-0.085 χ^2/NDF :2348864.7/22

All: 479.687+/-0.060 χ^2/NDF : 4465965.3/44

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: -23.281 $\pm$ 13.945 χ^2 /NDF:21.5/22

Right Out: -3.503 $\pm$ 25.070 χ^2 /NDF: 21.4/18

Left In: -28.090 $\pm$ 14.511 χ^2 /NDF:27.7/21

Left: -25.590 $\pm$ 10.054 χ^2 /NDF: 49.3/44

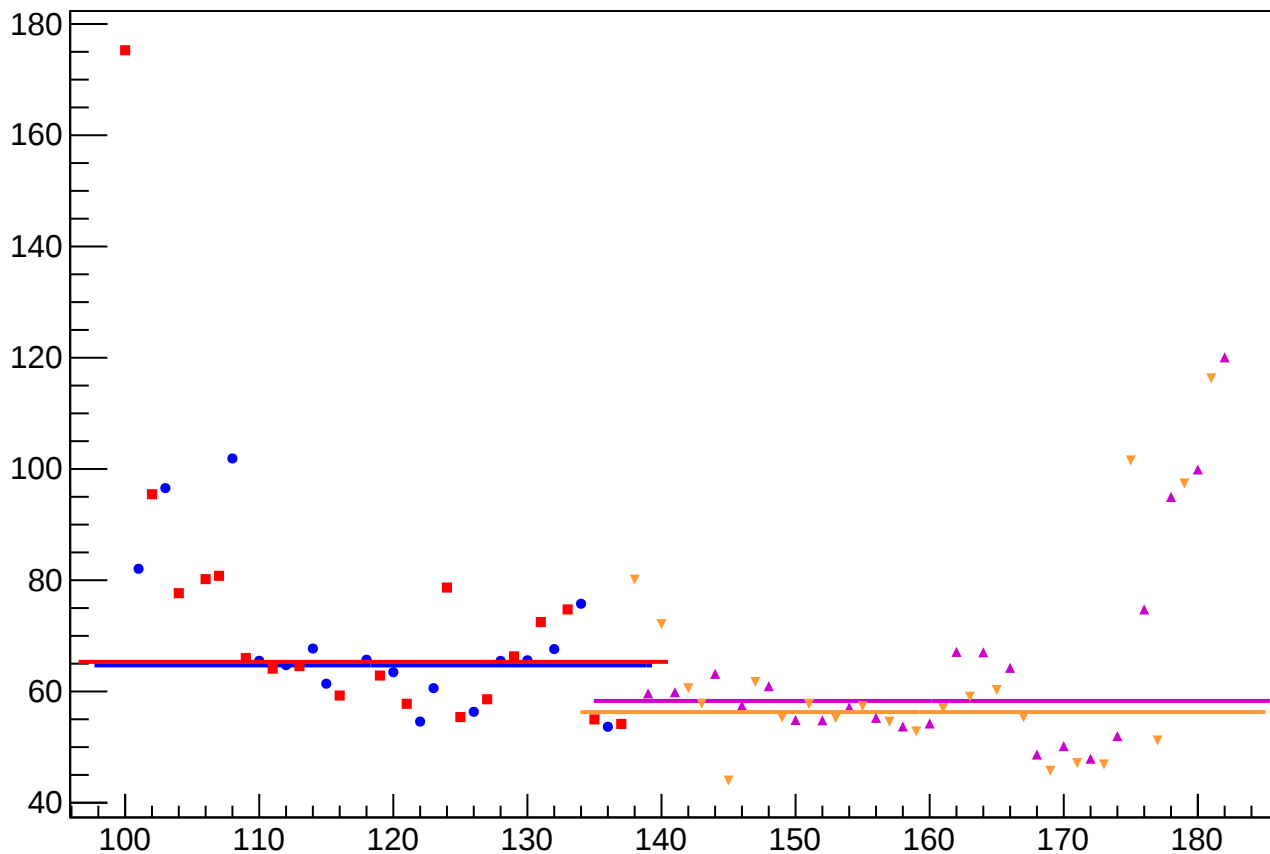
Right: 19.196 $\pm$ 17.872 χ^2 /NDF: 41.9/35

In: -10.771 $\pm$ 12.610 χ^2 /NDF:52.4/38

Out: -18.608 $\pm$ 12.186 χ^2 /NDF:43.4/41

All: -14.823 $\pm$ 8.763 χ^2 /NDF: 96.0/80

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.302 $\pm$ 0.010 χ^2 /NDF: 1530528.4/22

Right Out: 65.324 $\pm$ 0.018 χ^2 /NDF: 359570.8/18

Left In: 58.304 $\pm$ 0.010 χ^2 /NDF: 1259241.5/21

Left: 57.263 $\pm$ 0.007 χ^2 /NDF: 2809554.3/44

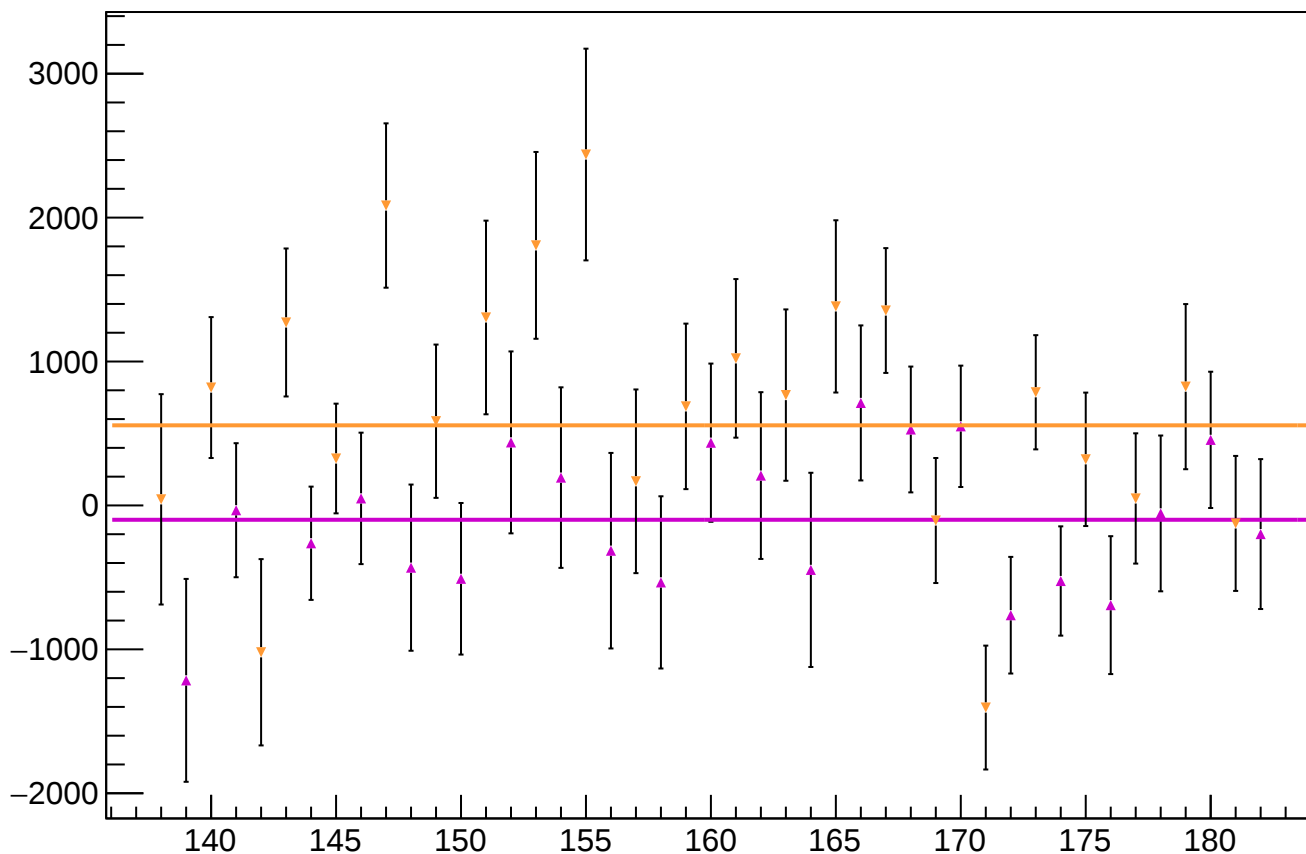
Right: 65.010 $\pm$ 0.013 χ^2 /NDF: 760396.9/35

In: 59.866 $\pm$ 0.009 χ^2 /NDF: 1754131.8/38

Out: 58.434 $\pm$ 0.009 χ^2 /NDF: 2087925.3/41

All: 59.126 $\pm$ 0.006 χ^2 /NDF: 3855395.4/80

asym_sam_15_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 556.576+/-107.838 χ^2/NDF : 61.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -99.685+/-107.696 χ^2/NDF : 20.4/21

Left: 228.016+/-76.203 χ^2/NDF : 100.4/44

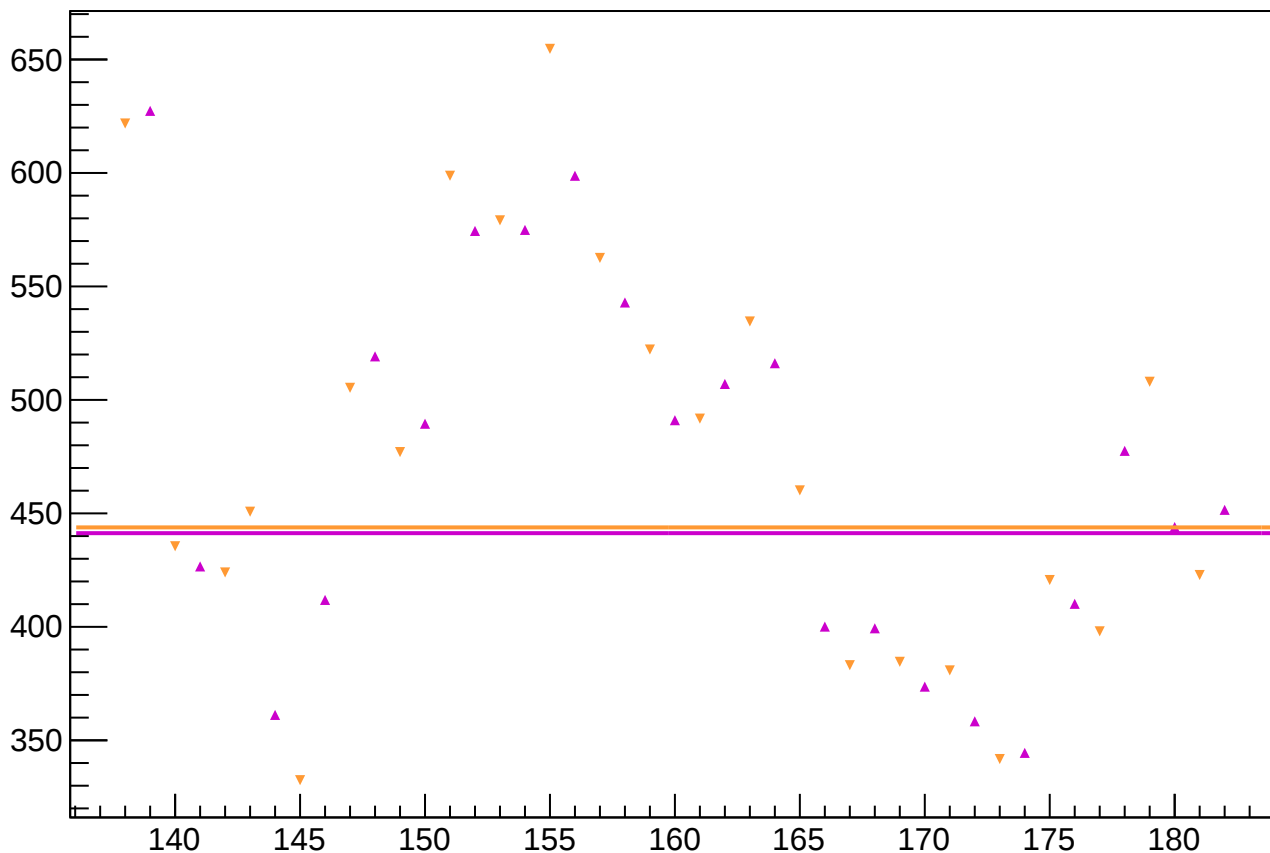
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -99.685+/-107.696 χ^2/NDF : 20.4/21

Out: 556.576+/-107.838 χ^2/NDF : 61.5/22

All: 228.016+/-76.203 χ^2/NDF : 100.4/44

asym_sam_15_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Left: 442.551+/-0.054 χ^2/NDF : 2167418.2/44

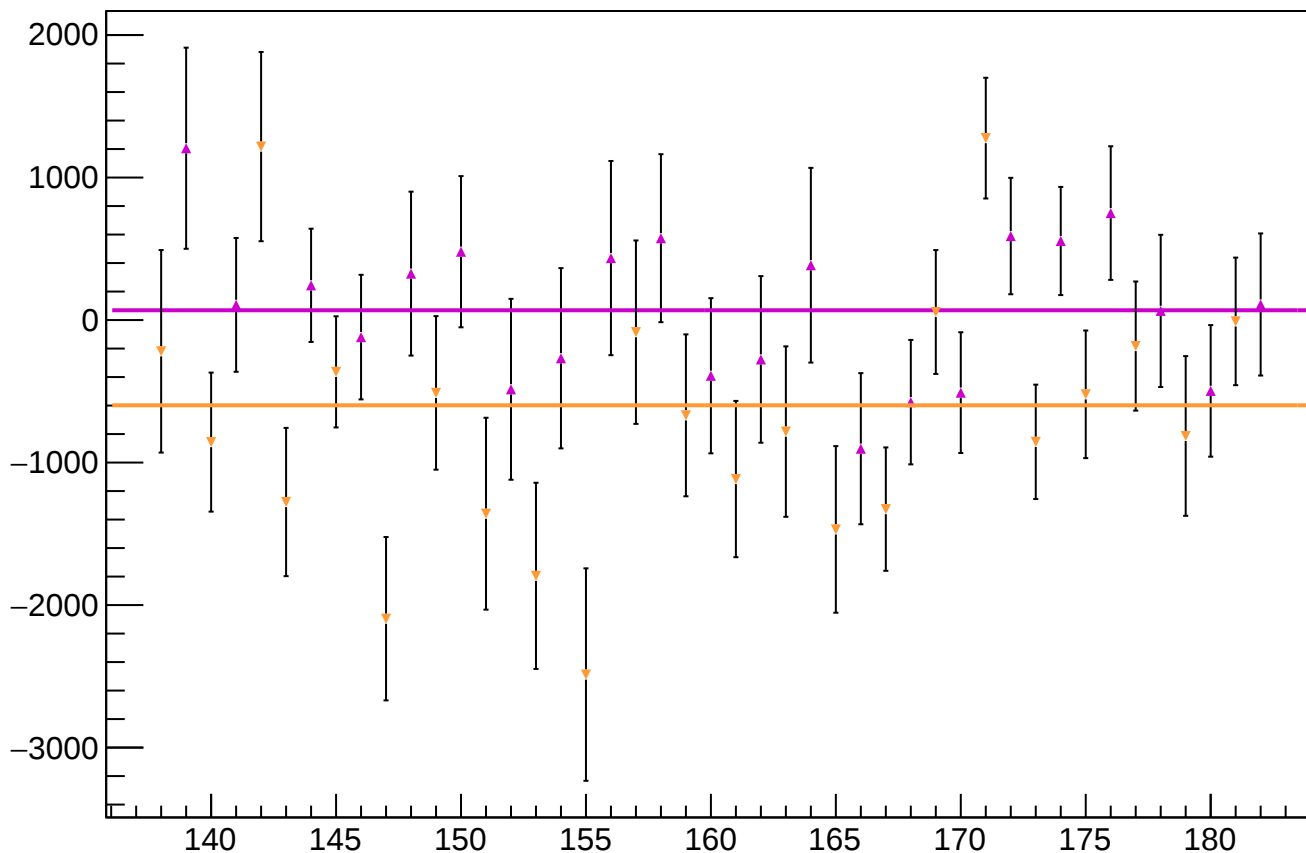
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 441.281+/-0.076 χ^2/NDF :1010695.0/21

Out: 443.824+/-0.076 χ^2/NDF :1156166.5/22

All: 442.551+/-0.054 χ^2/NDF : 2167418.2/44

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -598.058+/-107.473 χ^2/NDF :59.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 68.671+/-107.071 χ^2/NDF :21.4/21

Left: -263.444+/-75.852 χ^2/NDF : 100.5/44

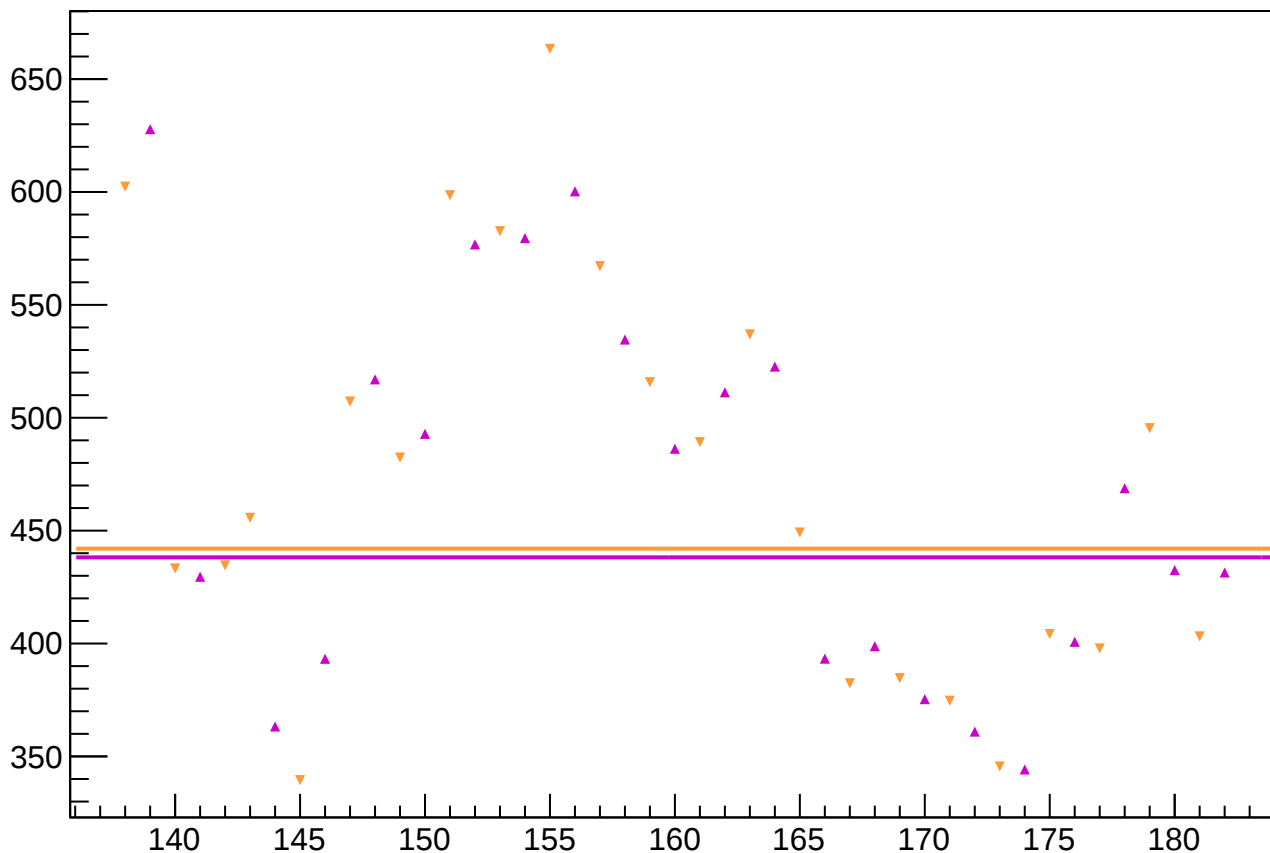
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 68.671+/-107.071 χ^2/NDF :21.4/21

Out: -598.058+/-107.473 χ^2/NDF :59.7/22

All: -263.444+/-75.852 χ^2/NDF : 100.5/44

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Left: 440.088+/-0.054 χ^2/NDF : 2162471.0/44

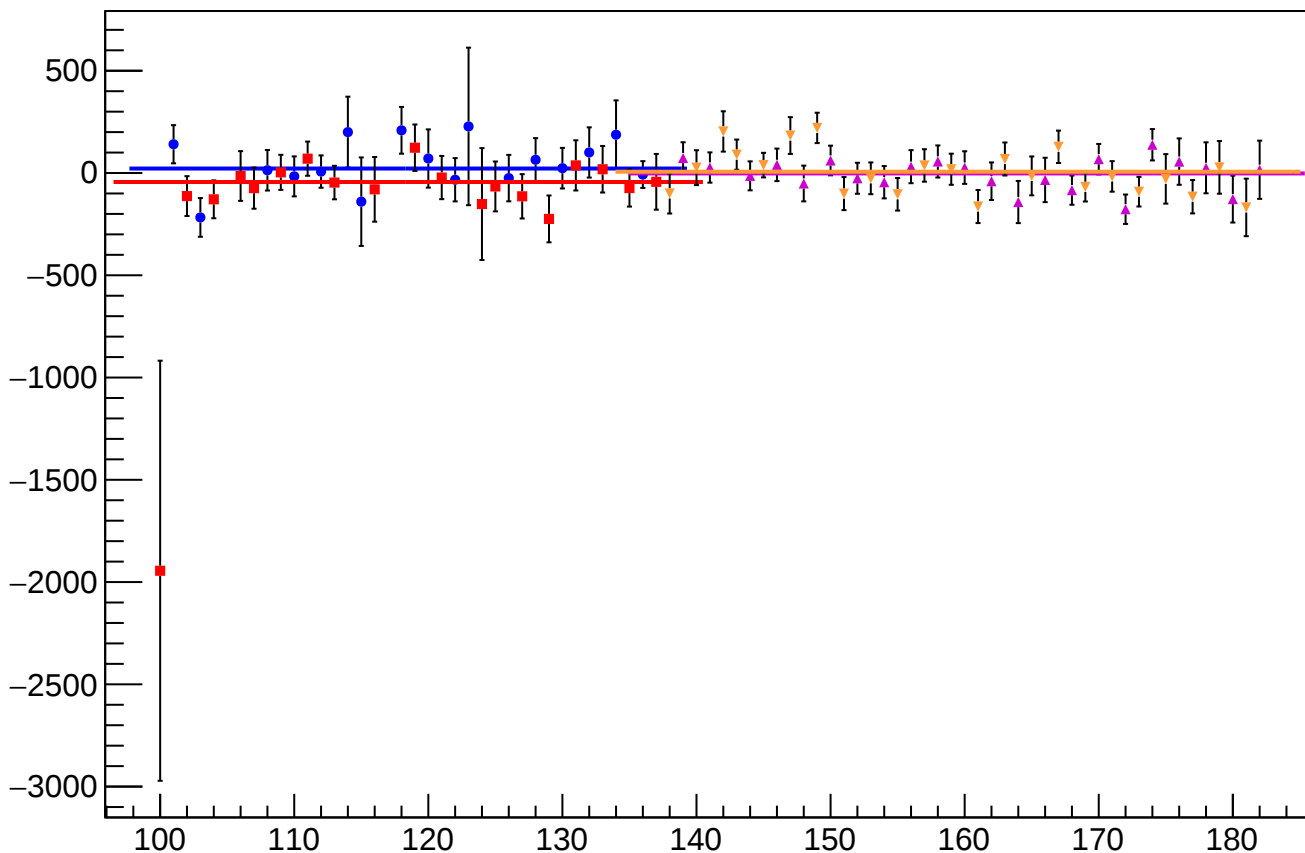
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.170+/-0.076 χ^2/NDF :1024243.9/21

Out: 442.020+/-0.076 χ^2/NDF :1136938.7/22

All: 440.088+/-0.054 χ^2/NDF : 2162471.0/44

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 21.908 $\pm$ 26.055 χ^2 /NDF: 15.1/16

Left Out: 6.380 $\pm$ 17.177 χ^2 /NDF:37.3/22

Right Out: -43.953 $\pm$ 25.108 χ^2 /NDF: 13.3/18

Left In: -2.091 $\pm$ 17.841 χ^2 /NDF:18.8/21

Left: 2.305 $\pm$ 12.374 χ^2 /NDF: 56.2/44

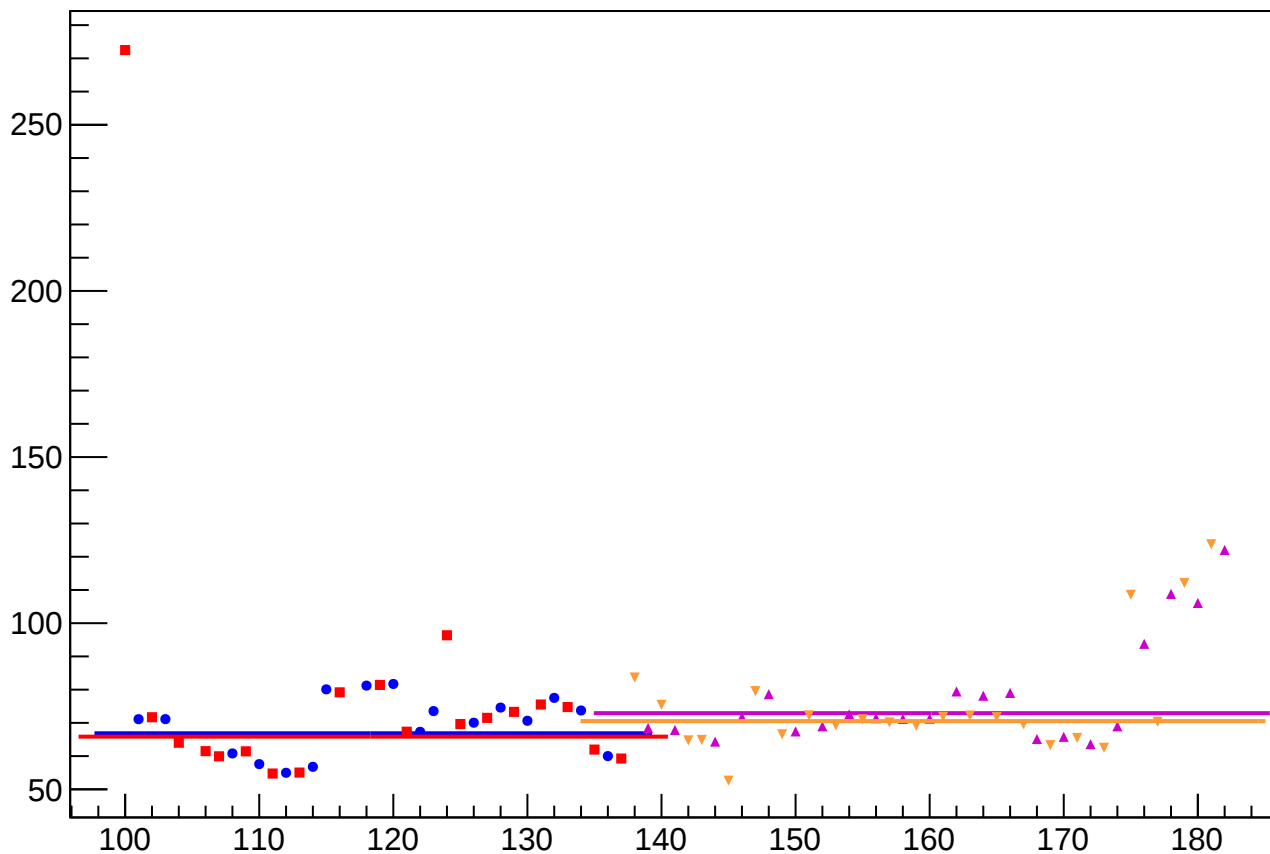
Right: -12.241 $\pm$ 18.080 χ^2 /NDF: 31.7/35

In: 5.569 $\pm$ 14.721 χ^2 /NDF:34.5/38

Out: -9.666 $\pm$ 14.177 χ^2 /NDF:53.3/41

All: -2.335 $\pm$ 10.211 χ^2 /NDF: 88.3/80

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 ± 0.018 χ^2/NDF : 202515.6/16

Left Out: 70.535 ± 0.012 χ^2/NDF : 1015396.0/22

Right Out: 65.854 ± 0.018 χ^2/NDF : 299873.8/18

Left In: 72.926 ± 0.013 χ^2/NDF : 815647.5/21

Left: 71.685 ± 0.009 χ^2/NDF : 1849689.0/44

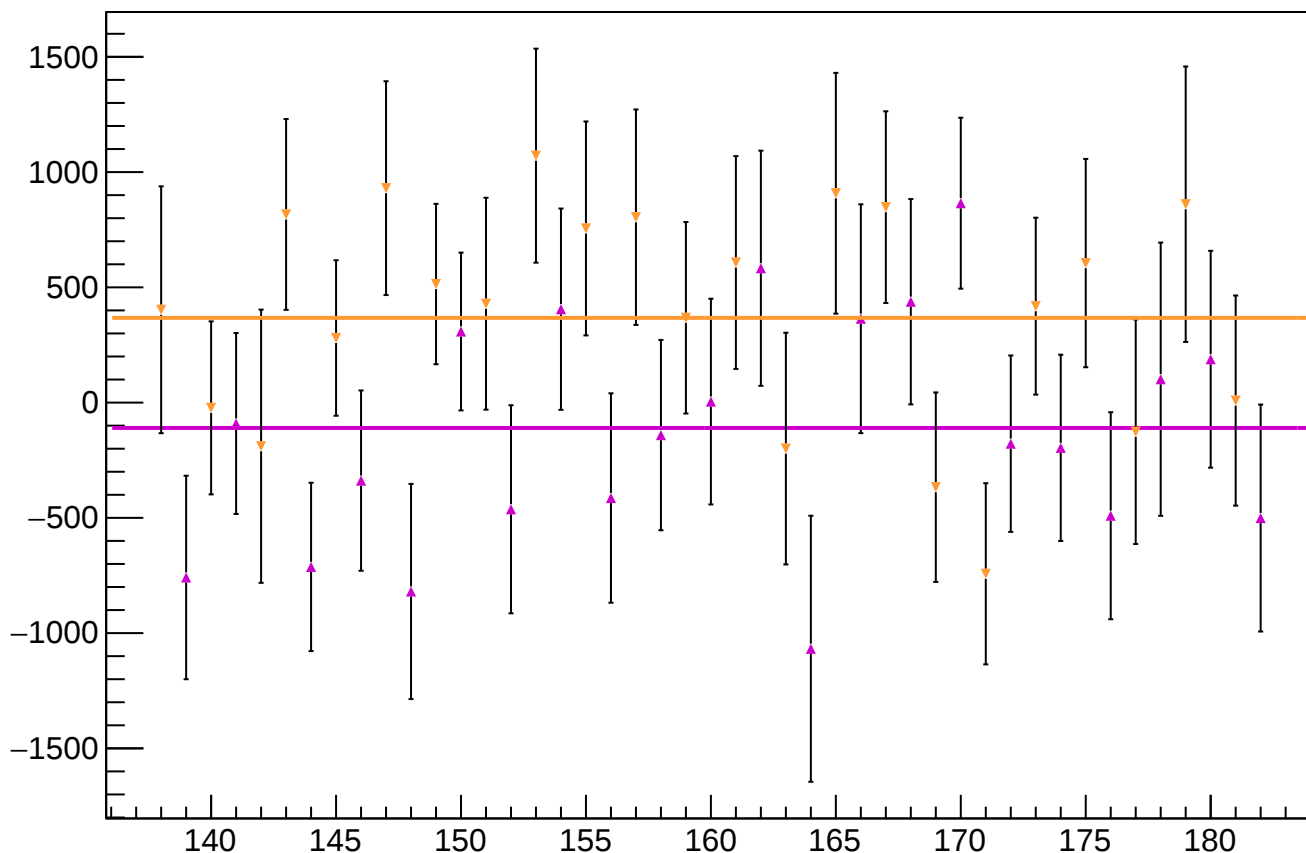
Right: 66.344 ± 0.013 χ^2/NDF : 503972.2/35

In: 70.994 ± 0.010 χ^2/NDF : 1091679.4/38

Out: 69.043 ± 0.010 χ^2/NDF : 1362620.5/41

All: 69.982 ± 0.007 χ^2/NDF : 2472526.2/80

asym_sam_37_48_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 367.548+/-91.526 χ^2/NDF :26.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -110.006+/-92.336 χ^2/NDF :27.4/21

Left: 130.875+/-65.003 χ^2/NDF : 67.4/44

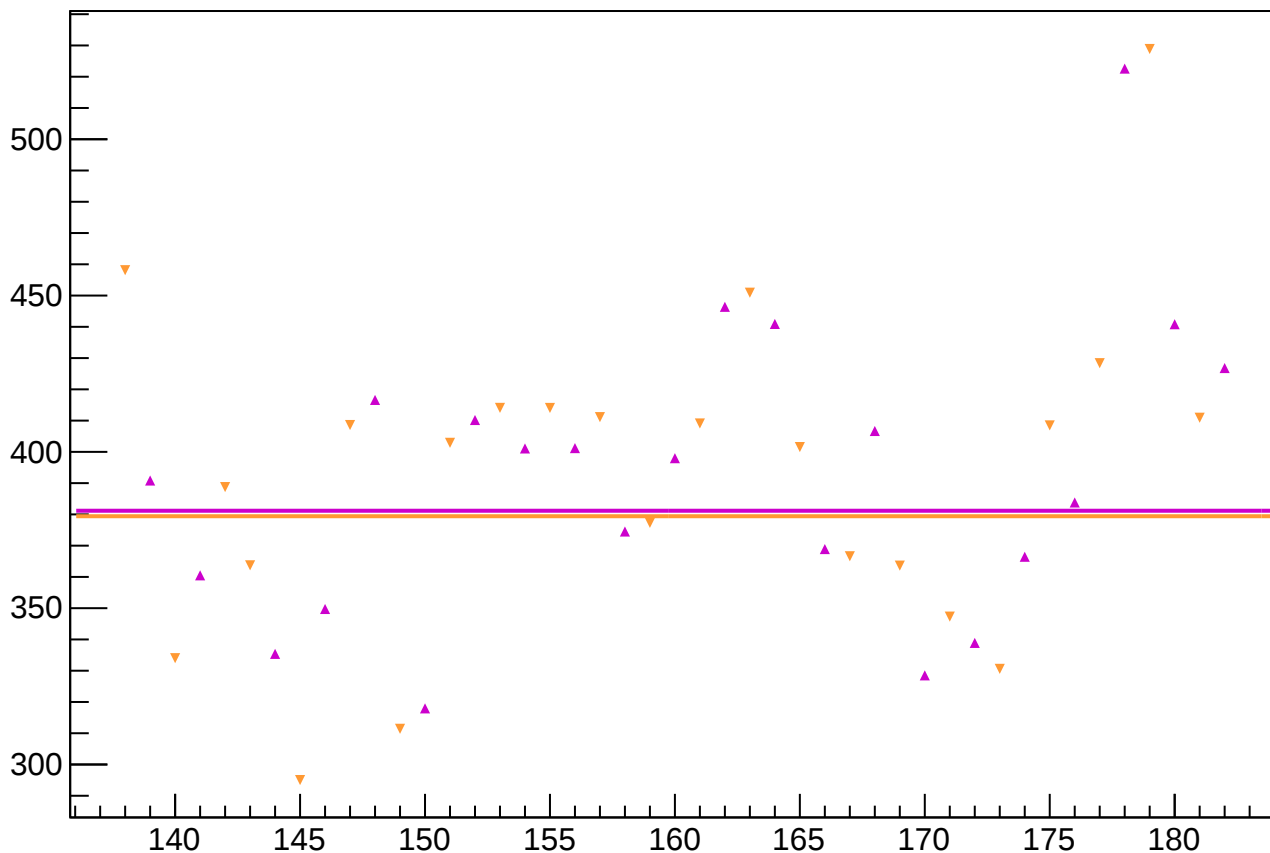
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -110.006+/-92.336 χ^2/NDF :27.4/21

Out: 367.548+/-91.526 χ^2/NDF :26.5/22

All: 130.875+/-65.003 χ^2/NDF : 67.4/44

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: 379.414+/-0.065 χ^2/NDF : 588223.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Left: 380.285+/-0.046 χ^2/NDF : 1031470.4/44

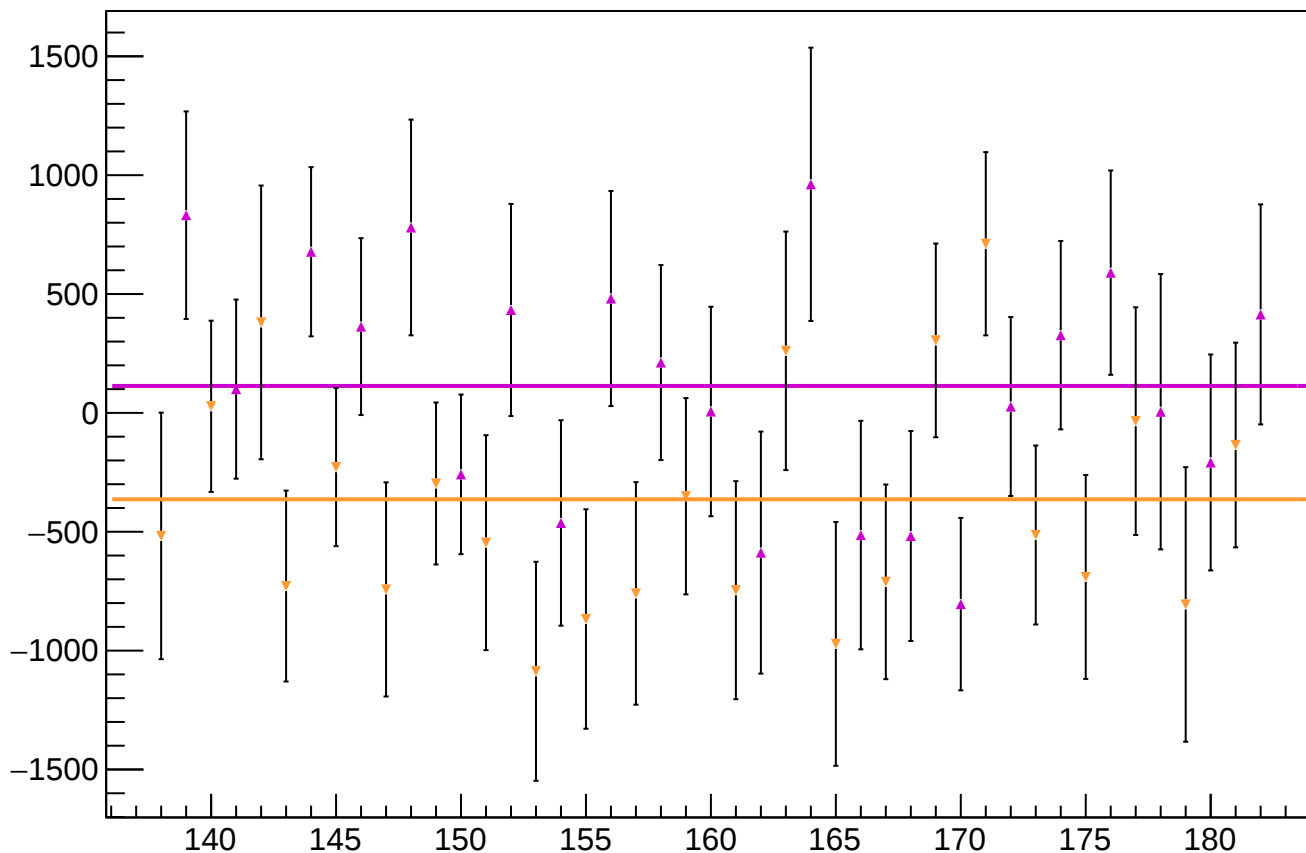
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 381.172+/-0.065 χ^2/NDF : 442880.8/21

Out: 379.414+/-0.065 χ^2/NDF : 588223.6/22

All: 380.285+/-0.046 χ^2/NDF : 1031470.4/44

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -363.373+/-89.627 χ^2/NDF :26.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 113.410+/-90.241 χ^2/NDF :28.9/21

Left: -126.610+/-63.592 χ^2/NDF : 69.1/44

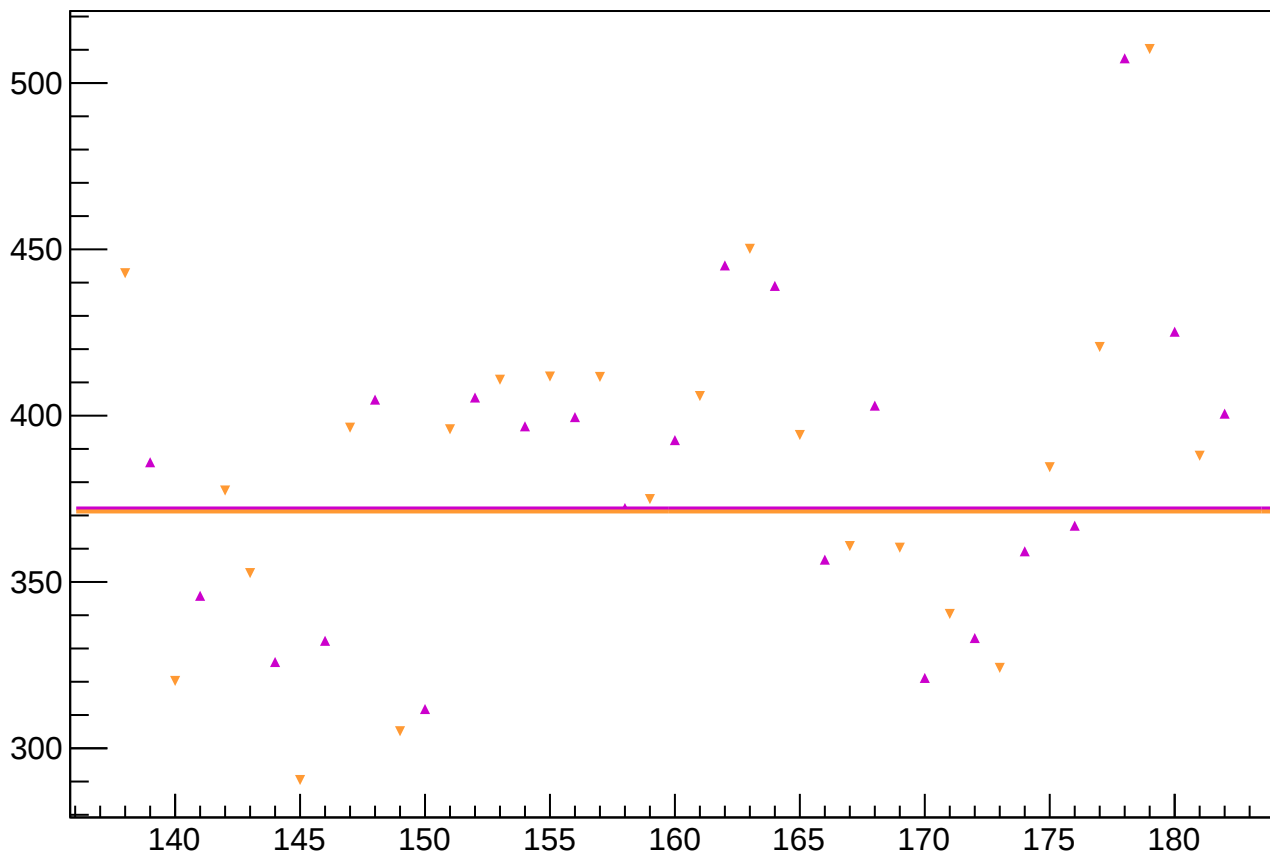
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 113.410+/-90.241 χ^2/NDF :28.9/21

Out: -363.373+/-89.627 χ^2/NDF :26.1/22

All: -126.610+/-63.592 χ^2/NDF : 69.1/44

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Left: 371.643+/-0.045 χ^2/NDF : 1047943.1/44

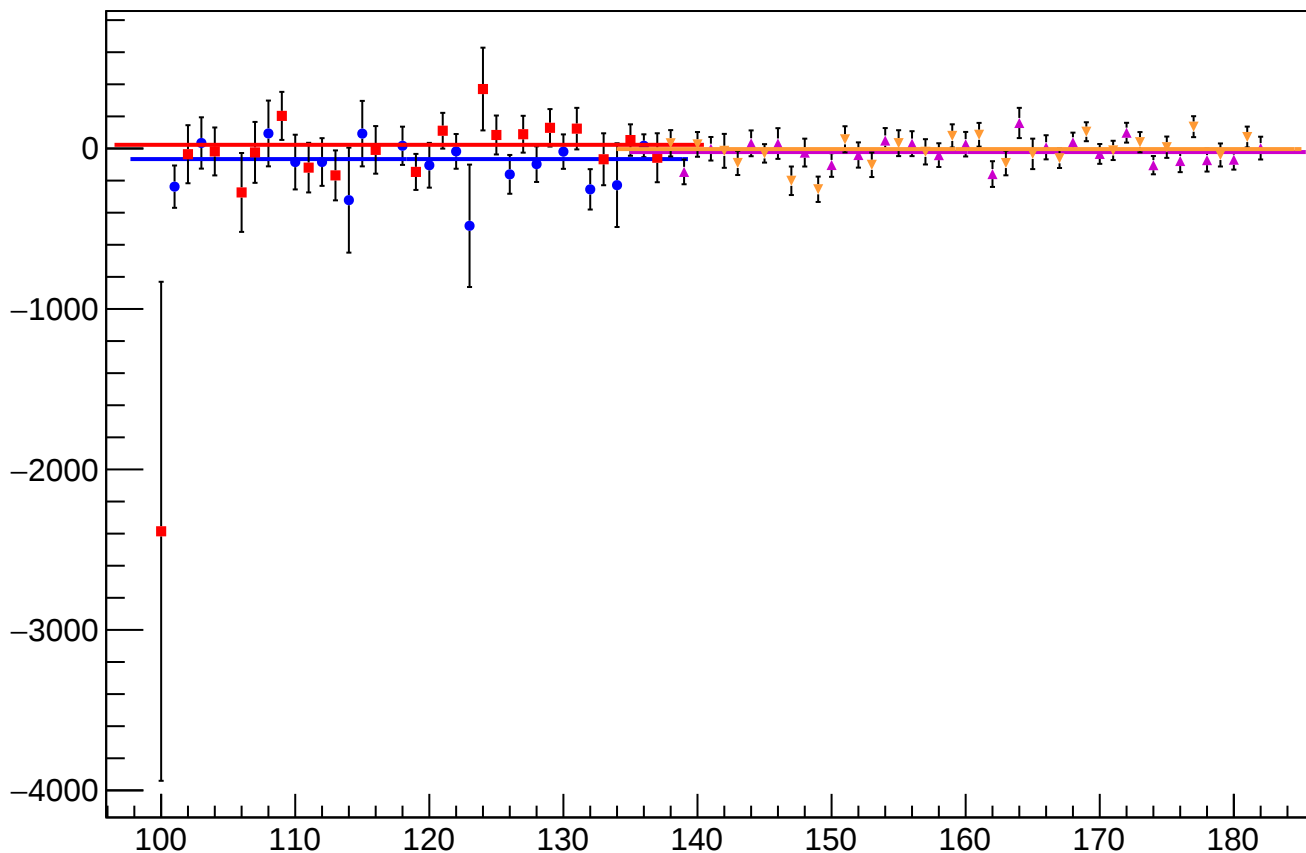
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 372.095+/-0.064 χ^2/NDF : 460324.1/21

Out: 371.197+/-0.063 χ^2/NDF : 587519.3/22

All: 371.643+/-0.045 χ^2/NDF : 1047943.1/44

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -3.676 ± 15.001 $\chi^2/\text{NDF}: 34.4/22$

Right Out: 22.908 ± 32.782 $\chi^2/\text{NDF}: 15.3/18$

Left In: -22.238 ± 15.436 $\chi^2/\text{NDF}: 22.0/21$

Left: -12.691 ± 10.758 $\chi^2/\text{NDF}: 57.2/44$

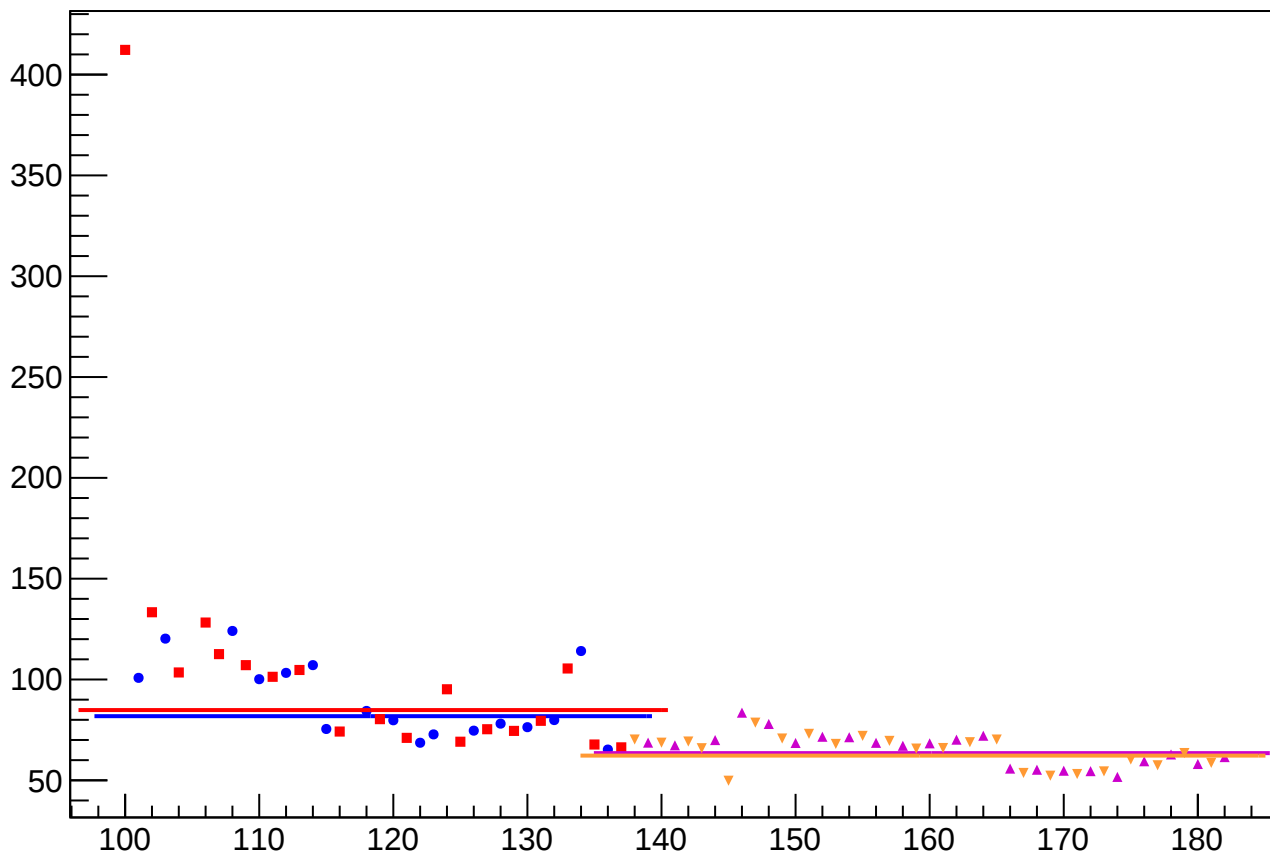
Right: -22.207 ± 23.004 $\chi^2/\text{NDF}: 29.8/35$

In: -30.375 ± 13.927 $\chi^2/\text{NDF}: 34.3/38$

Out: 0.926 ± 13.640 $\chi^2/\text{NDF}: 50.3/41$

All: -14.399 ± 9.745 $\chi^2/\text{NDF}: 87.1/80$

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 ± 0.023 $\chi^2/\text{NDF}: 507195.8/16$

Left Out: 62.254 ± 0.011 $\chi^2/\text{NDF}: 556388.8/22$

Right Out: 84.836 ± 0.023 $\chi^2/\text{NDF}: 704648.9/18$

Left In: 63.484 ± 0.011 $\chi^2/\text{NDF}: 523735.8/21$

Left: 62.852 ± 0.008 $\chi^2/\text{NDF}: 1086651.2/44$

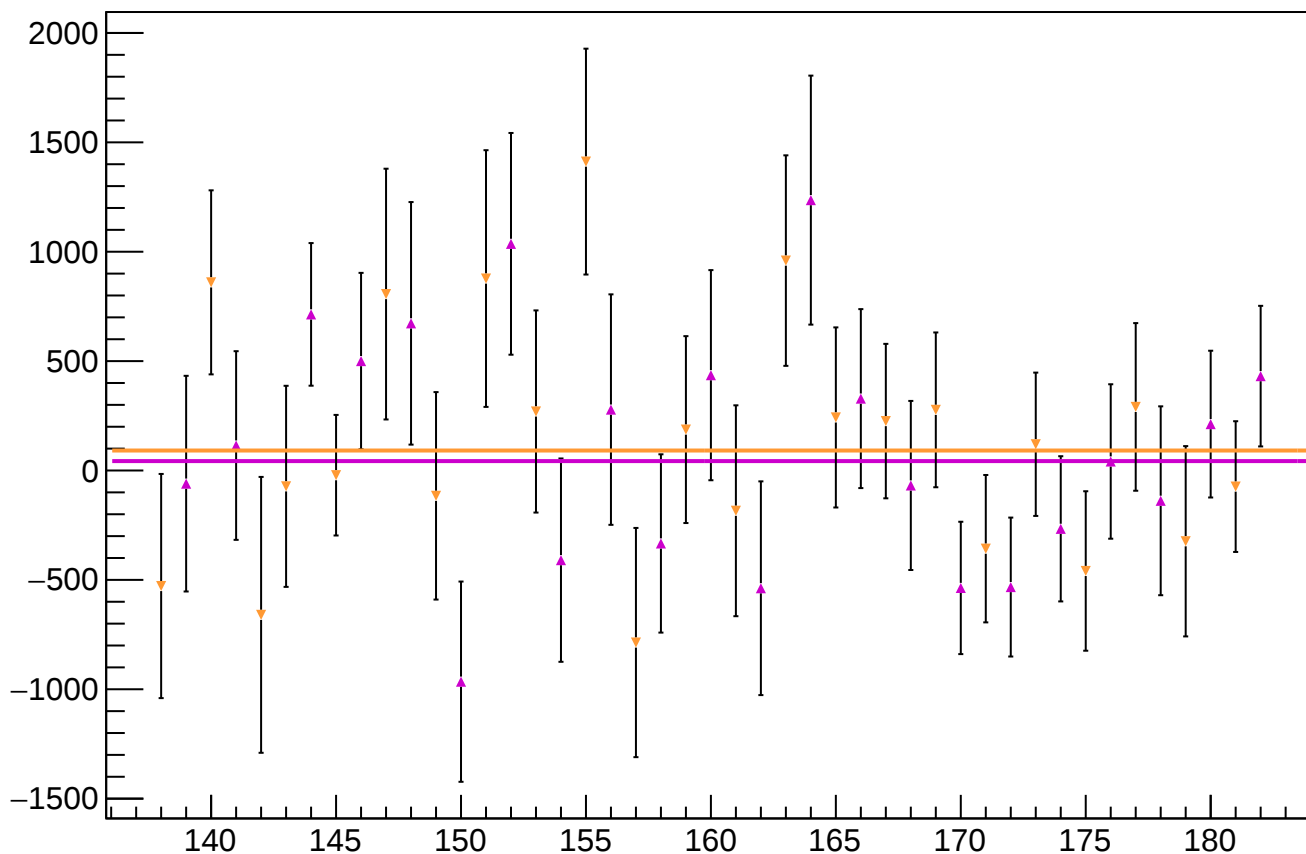
Right: 83.300 ± 0.016 $\chi^2/\text{NDF}: 1220504.3/35$

In: 66.893 ± 0.010 $\chi^2/\text{NDF}: 1555254.1/38$

Out: 66.164 ± 0.010 $\chi^2/\text{NDF}: 2045750.5/41$

All: 66.521 ± 0.007 $\chi^2/\text{NDF}: 3603801.3/80$

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Left: 67.127 $\pm$ 60.330 χ^2 /NDF: 63.8/44

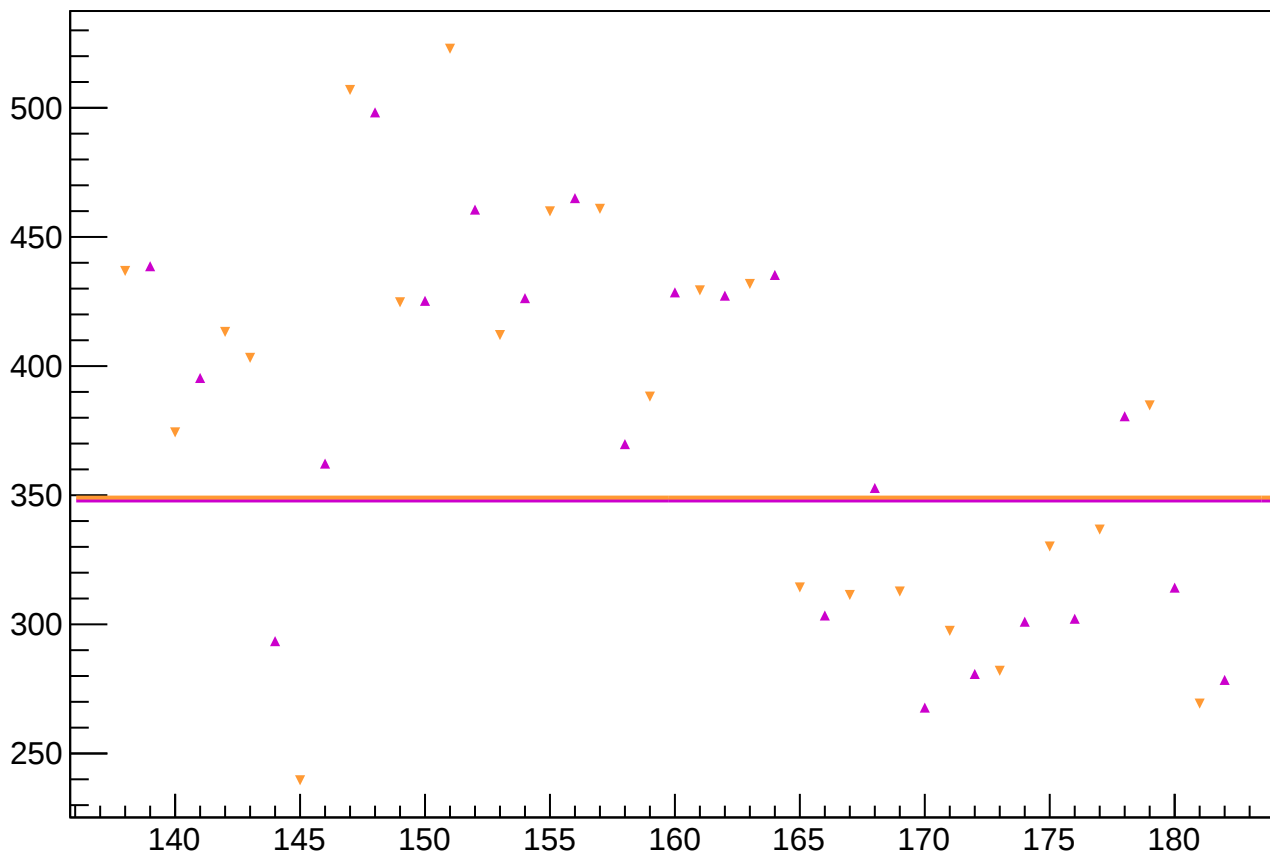
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 42.961 $\pm$ 85.307 χ^2 /NDF:34.3/21

Out: 91.306 $\pm$ 85.331 χ^2 /NDF:29.3/22

All: 67.127 $\pm$ 60.330 χ^2 /NDF: 63.8/44

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: 349.080+/-0.060 χ^2/NDF :1512055.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Left: 348.524+/-0.043 χ^2/NDF : 2735721.0/44

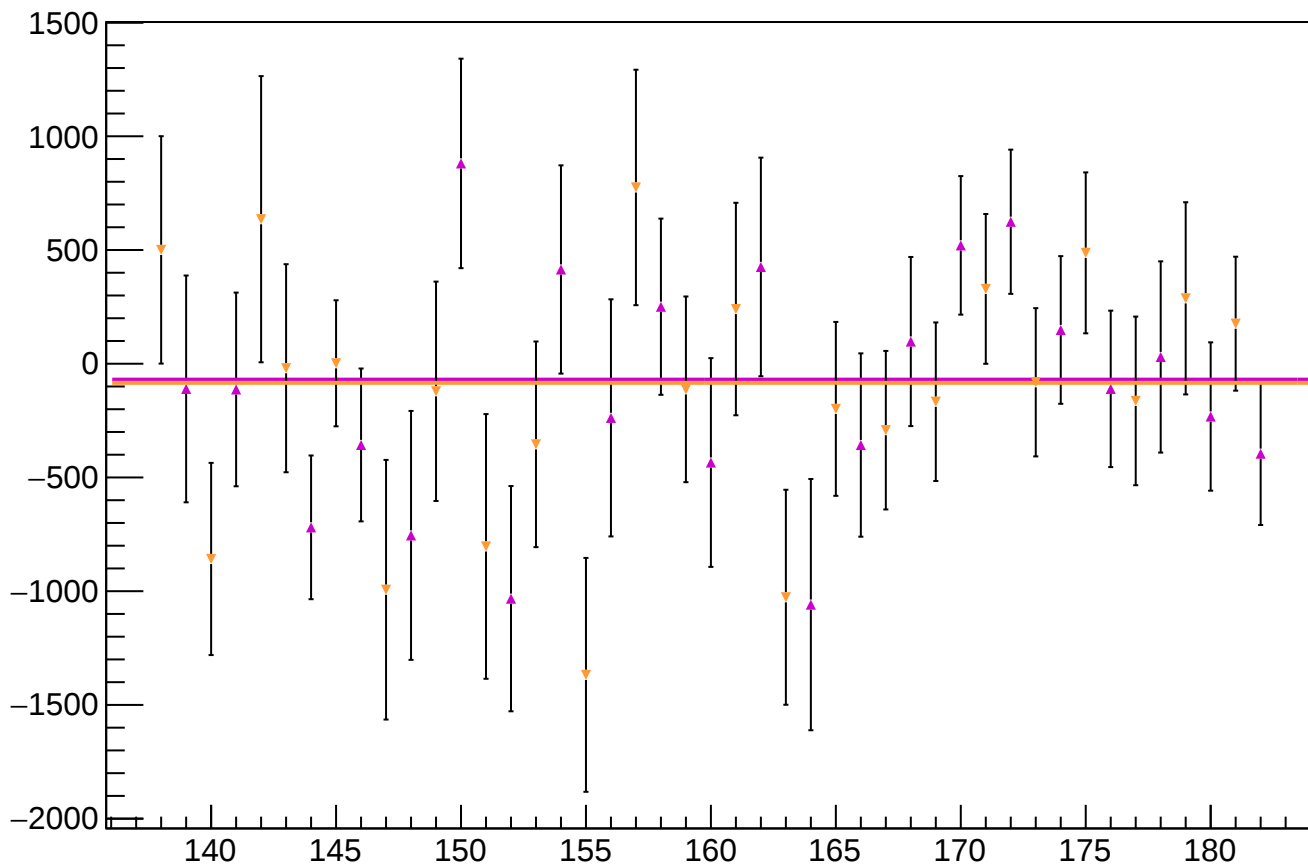
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 347.968+/-0.060 χ^2/NDF :1223495.8/21

Out: 349.080+/-0.060 χ^2/NDF :1512055.4/22

All: 348.524+/-0.043 χ^2/NDF : 2735721.0/44

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.937+/-83.892 χ^2/NDF :30.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -69.988+/-82.949 χ^2/NDF :32.5/21

Left: -76.884+/-58.985 χ^2/NDF : 62.8/44

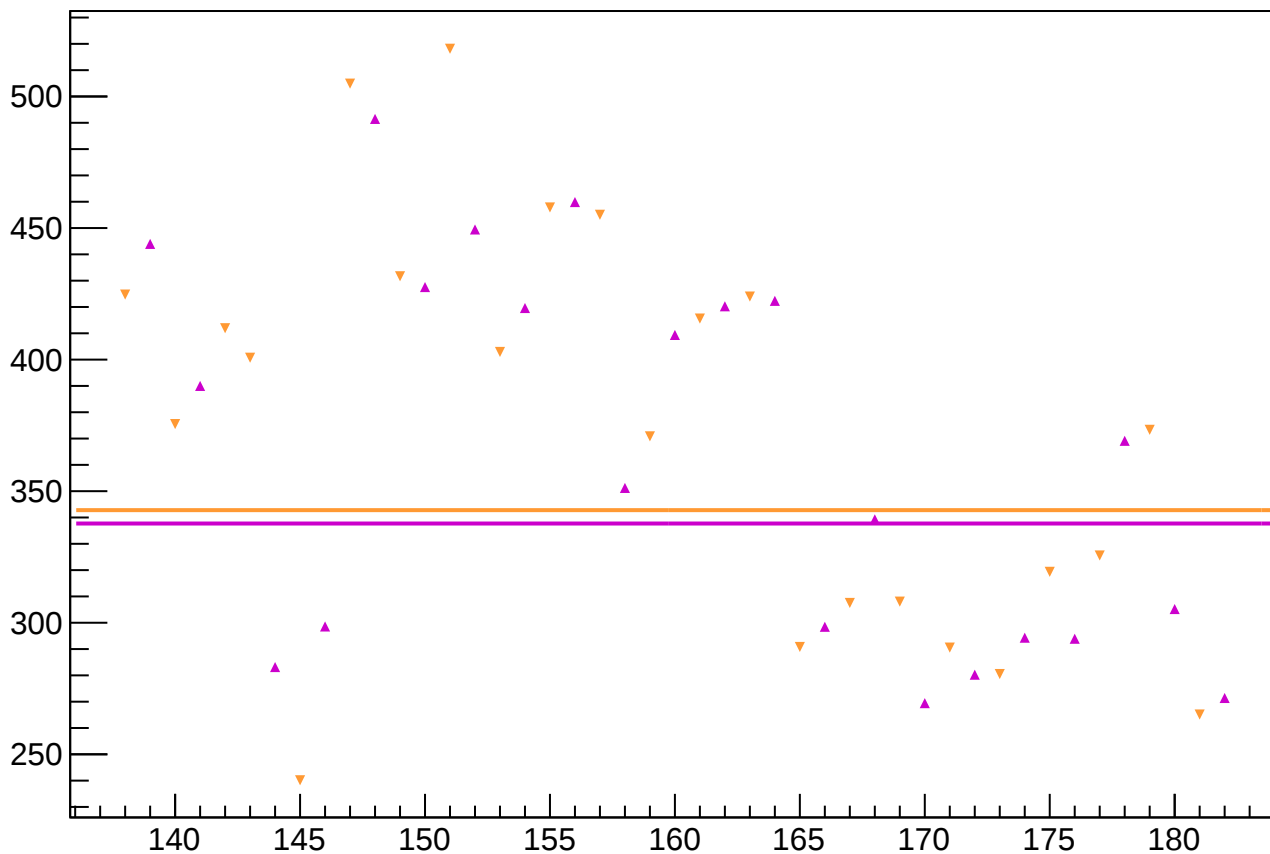
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -69.988+/-82.949 χ^2/NDF :32.5/21

Out: -83.937+/-83.892 χ^2/NDF :30.3/22

All: -76.884+/-58.985 χ^2/NDF : 62.8/44

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Left: 340.222+/-0.042 χ^2/NDF : 2769814.1/44

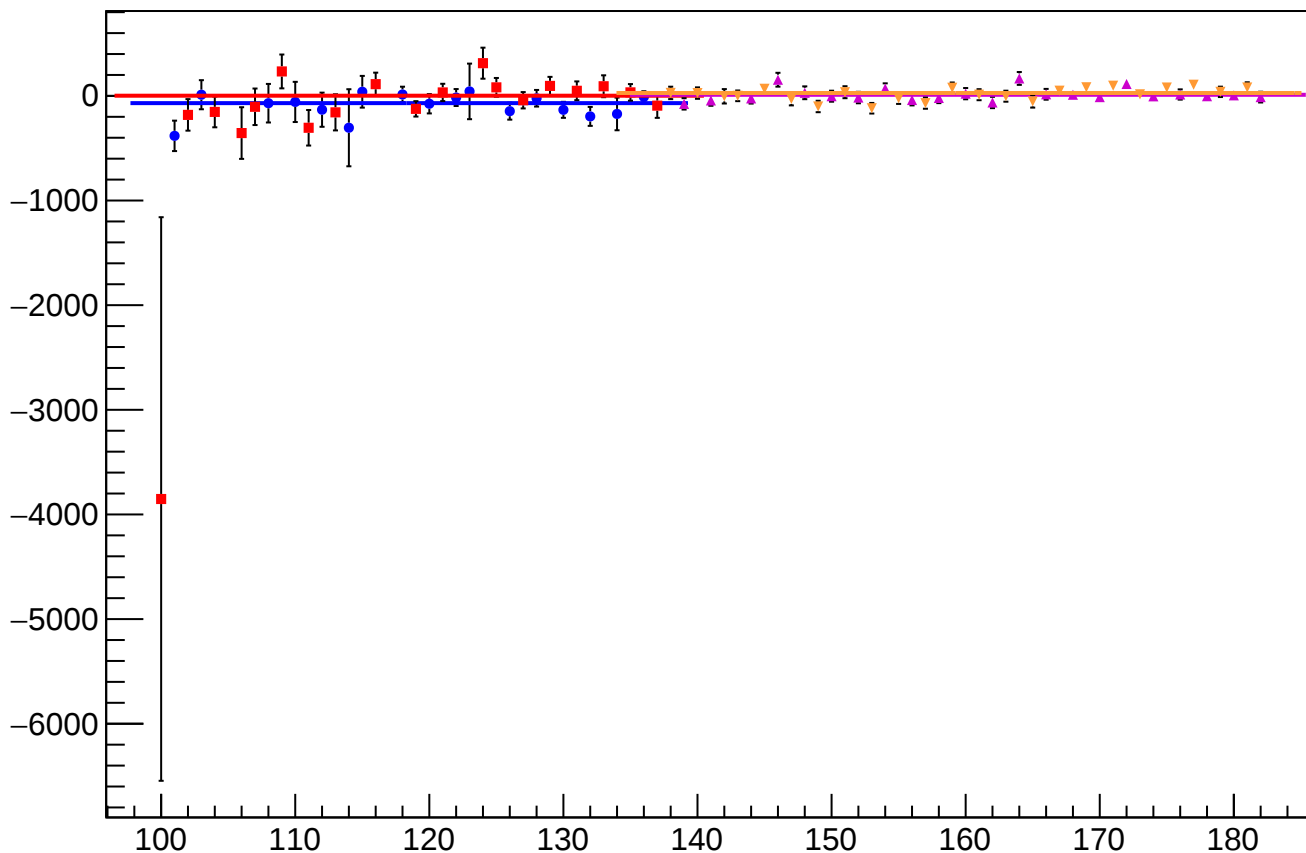
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 337.710+/-0.059 χ^2/NDF :1248639.8/21

Out: 342.791+/-0.059 χ^2/NDF :1517464.1/22

All: 340.222+/-0.042 χ^2/NDF : 2769814.1/44

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: 27.760 ± 10.271 χ^2/NDF : 34.9/22

Right Out: 1.744 ± 25.186 χ^2/NDF : 25.8/18

Left In: 10.396 ± 10.519 χ^2/NDF : 27.7/21

Left: 19.285 ± 7.349 χ^2/NDF : 64.0/44

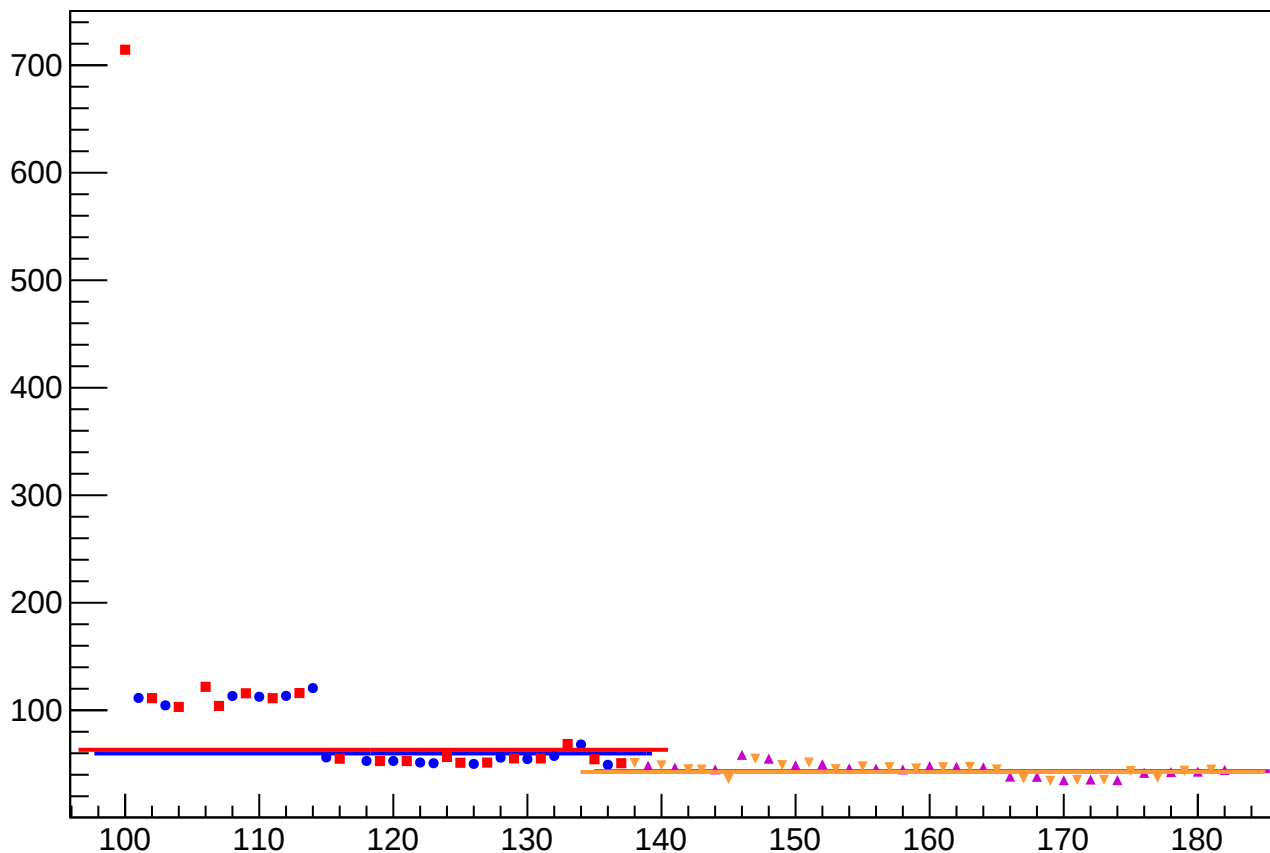
Right: -35.049 ± 17.473 χ^2/NDF : 43.4/35

In: -2.199 ± 9.651 χ^2/NDF : 50.3/38

Out: 24.050 ± 9.511 χ^2/NDF : 61.6/41

All: 11.118 ± 6.774 χ^2/NDF : 115.6/80

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809 $\pm$ 0.017 χ^2 /NDF: 1229983.3/16

Left Out: 42.595 $\pm$ 0.007 χ^2 /NDF: 661798.5/22

Right Out: 63.223 $\pm$ 0.018 χ^2 /NDF: 1504271.8/18

Left In: 43.308 $\pm$ 0.007 χ^2 /NDF: 617312.3/21

Left: 42.943 $\pm$ 0.005 χ^2 /NDF: 1283810.0/44

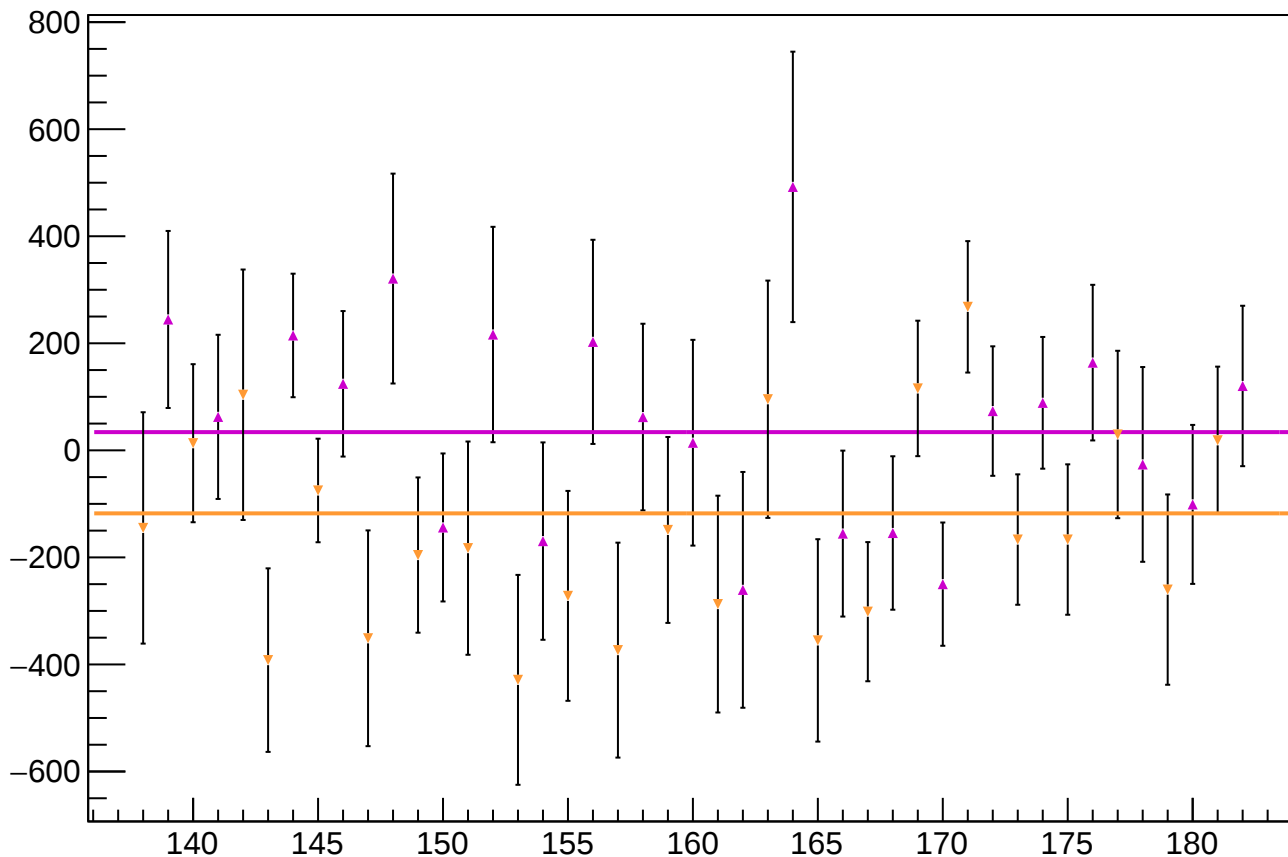
Right: 61.452 $\pm$ 0.012 χ^2 /NDF: 2753314.9/35

In: 45.919 $\pm$ 0.007 χ^2 /NDF: 2626140.8/38

Out: 45.536 $\pm$ 0.007 χ^2 /NDF: 3316347.5/41

All: 45.725 $\pm$ 0.005 χ^2 /NDF: 5944083.0/80

asym_sam_37_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -117.747+/-32.654 χ^2/NDF :32.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.043+/-32.756 χ^2/NDF :28.0/21

Left: -42.088+/-23.126 χ^2/NDF : 71.0/44

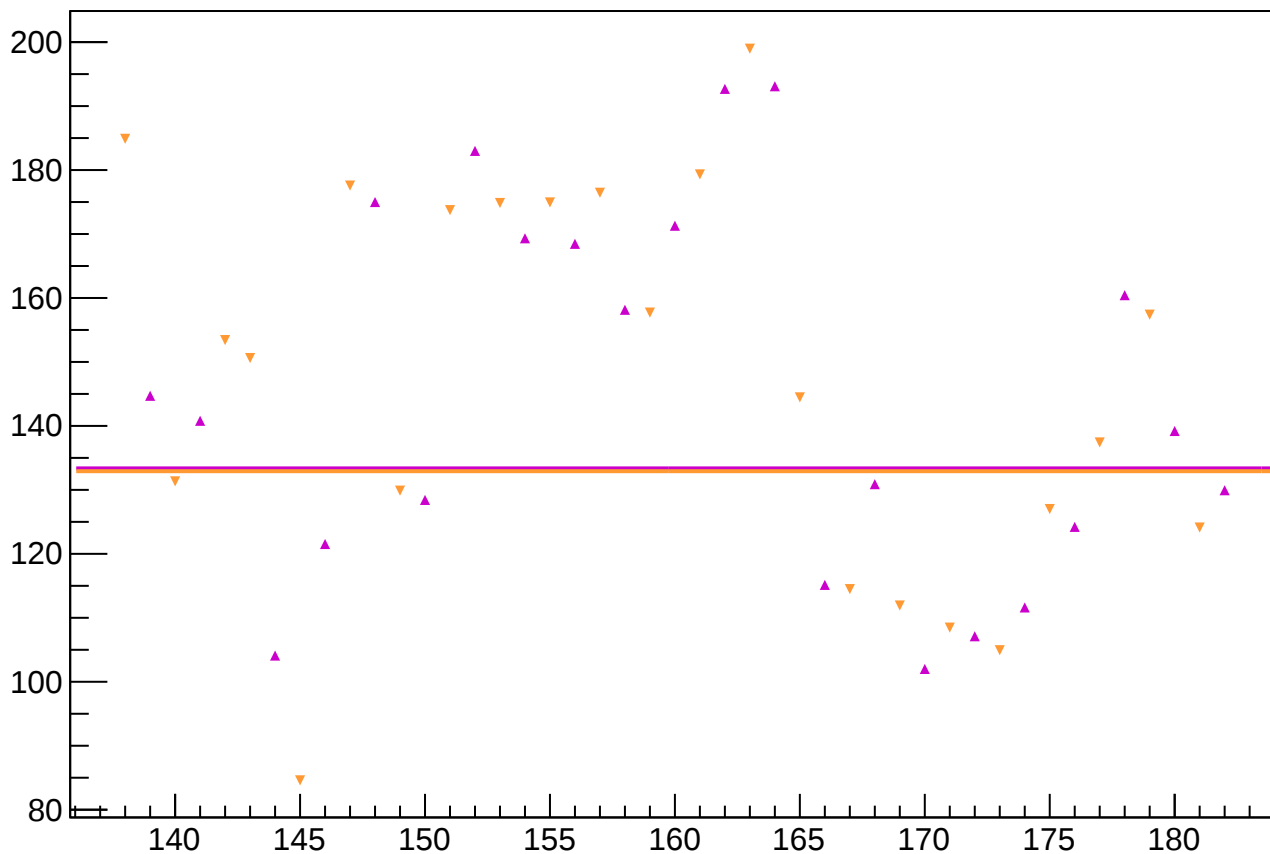
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 34.043+/-32.756 χ^2/NDF :28.0/21

Out: -117.747+/-32.654 χ^2/NDF :32.2/22

All: -42.088+/-23.126 χ^2/NDF : 71.0/44

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: 132.922+/-0.023 χ^2/NDF :1774349.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Left: 133.138+/-0.016 χ^2/NDF : 3055484.8/44

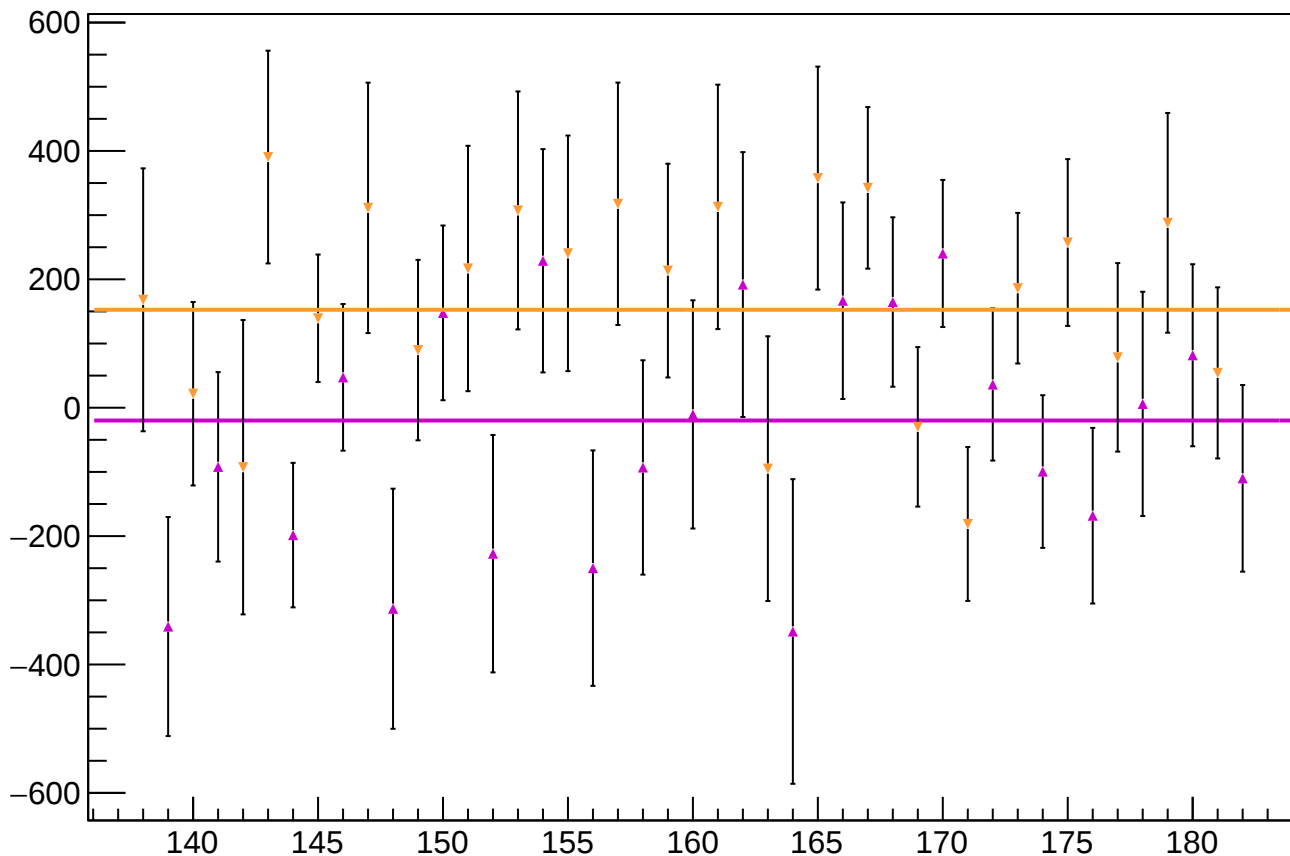
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.357+/-0.023 χ^2/NDF :1280958.6/21

Out: 132.922+/-0.023 χ^2/NDF :1774349.5/22

All: 133.138+/-0.016 χ^2/NDF : 3055484.8/44

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: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Left: 65.747 $\pm$ 22.206 χ^2 /NDF: 69.9/44

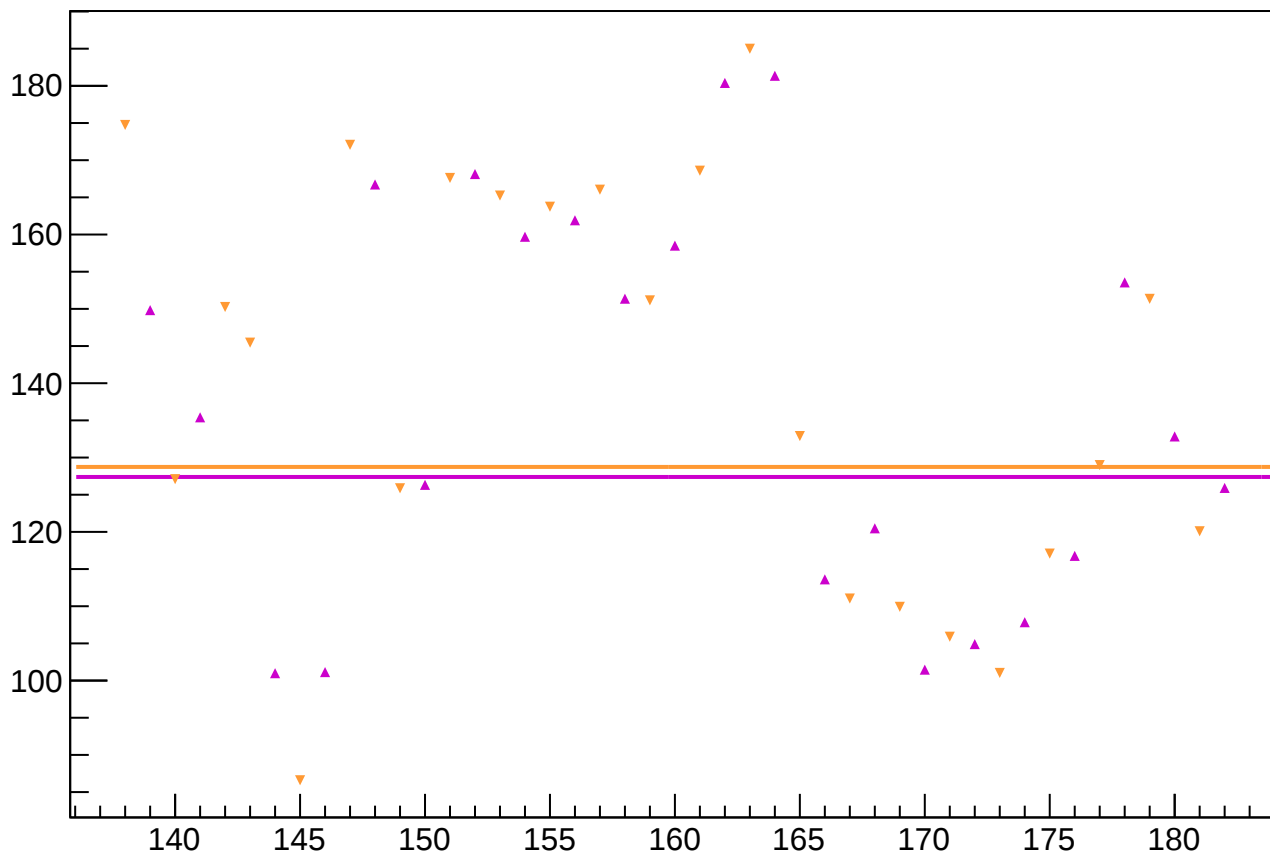
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -19.921 $\pm$ 31.302 χ^2 /NDF:30.0/21

Out: 152.540 $\pm$ 31.507 χ^2 /NDF:24.8/22

All: 65.747 $\pm$ 22.206 χ^2 /NDF: 69.9/44

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Left: 128.060+/-0.016 χ^2/NDF : 2744687.5/44

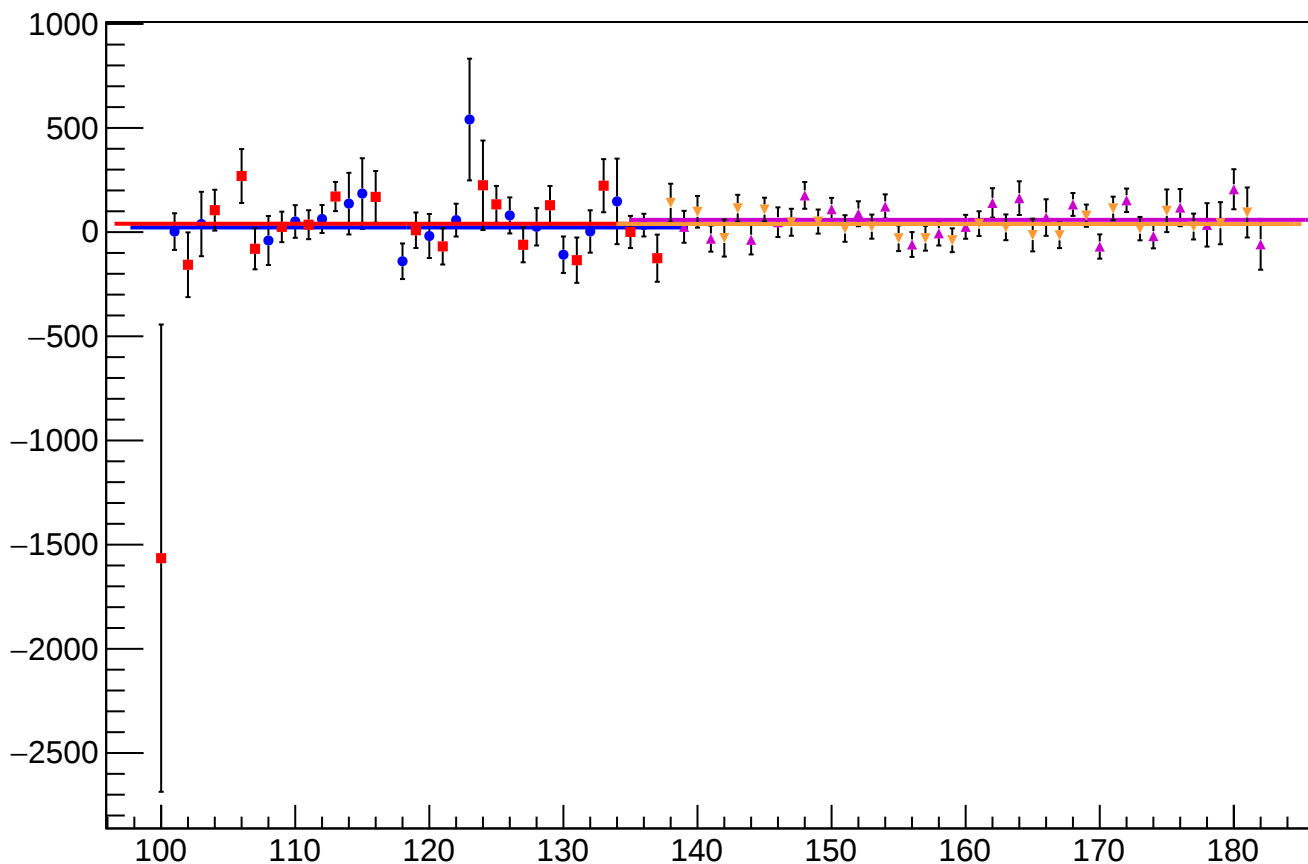
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 127.389+/-0.022 χ^2/NDF :1229887.6/21

Out: 128.739+/-0.022 χ^2/NDF :1512953.1/22

All: 128.060+/-0.016 χ^2/NDF : 2744687.5/44

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 22.361 $\pm$ 22.625 χ^2 /NDF: 12.6/16

Left Out: 38.778 $\pm$ 13.639 χ^2 /NDF:14.3/22

Right Out: 40.242 $\pm$ 22.132 χ^2 /NDF: 26.3/18

Left In: 58.915 $\pm$ 14.187 χ^2 /NDF:33.3/21

Left: 48.450 $\pm$ 9.832 χ^2 /NDF: 48.6/44

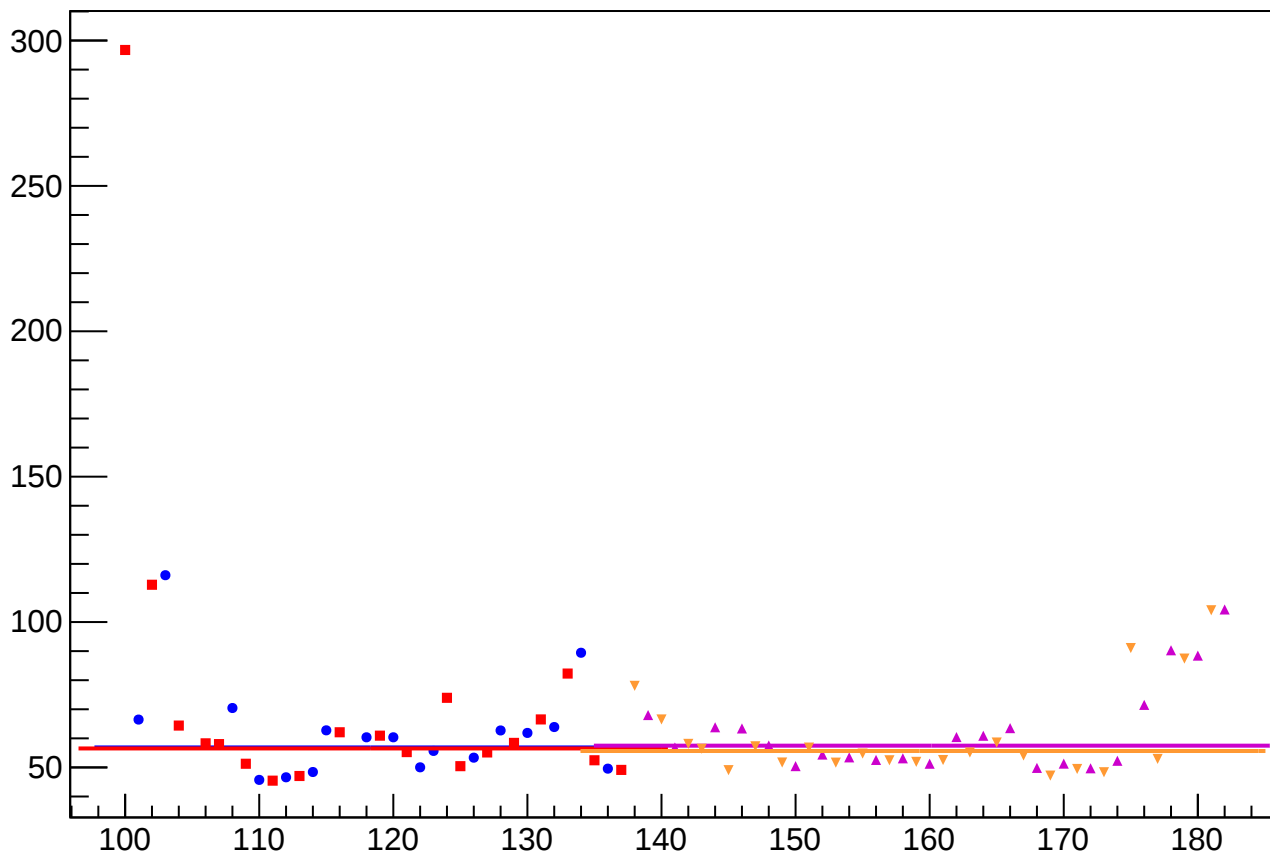
Right: 31.498 $\pm$ 15.821 χ^2 /NDF: 39.2/35

In: 48.599 $\pm$ 12.019 χ^2 /NDF:47.8/38

Out: 39.181 $\pm$ 11.611 χ^2 /NDF:40.5/41

All: 43.727 $\pm$ 8.351 χ^2 /NDF: 88.6/80

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 55.649 $\pm$ 0.010 χ^2 /NDF: 1108158.4/22

Right Out: 56.528 $\pm$ 0.016 χ^2 /NDF: 612273.7/18

Left In: 57.485 $\pm$ 0.010 χ^2 /NDF: 1046581.7/21

Left: 56.531 $\pm$ 0.007 χ^2 /NDF: 2172157.6/44

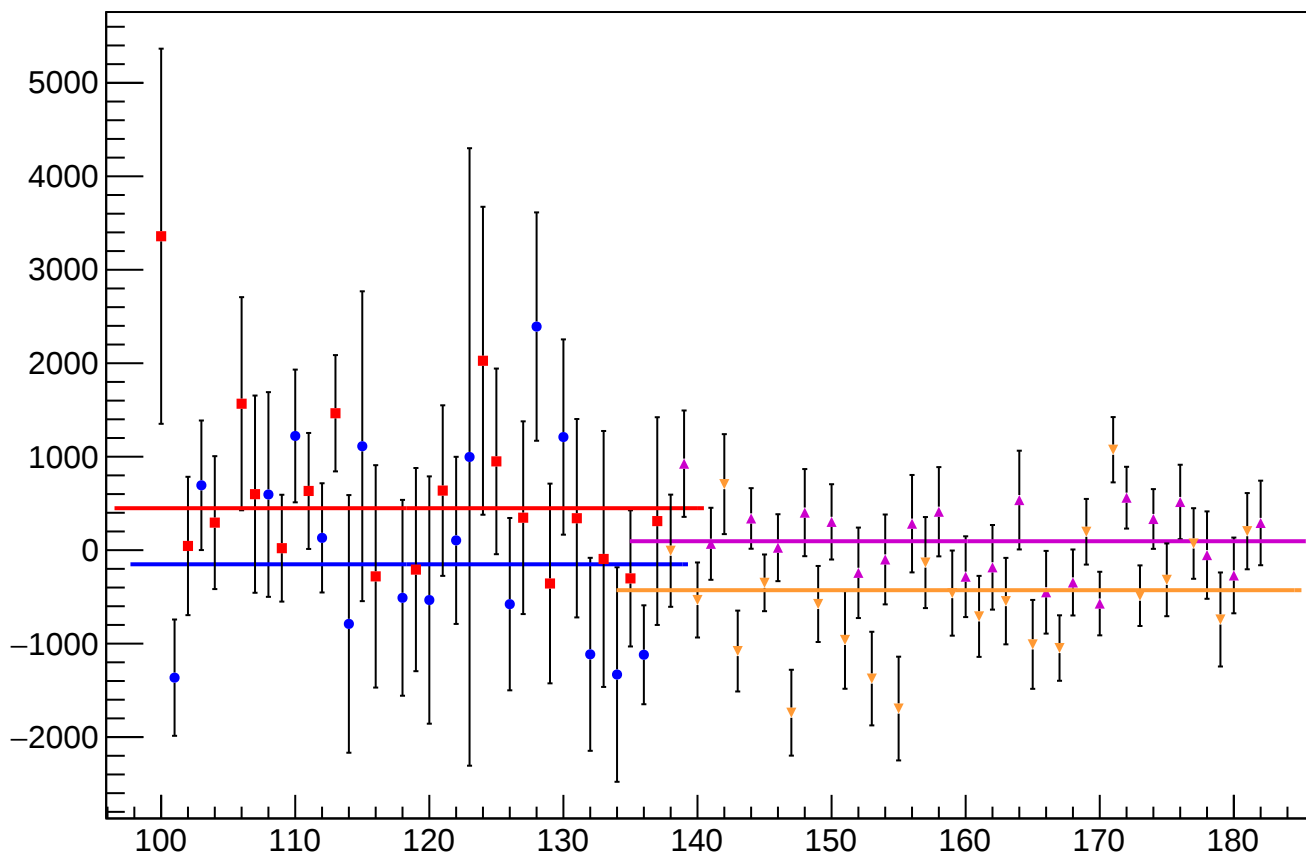
Right: 56.699 $\pm$ 0.011 χ^2 /NDF: 1188006.9/35

In: 57.314 $\pm$ 0.008 χ^2 /NDF: 1623101.0/38

Out: 55.891 $\pm$ 0.008 χ^2 /NDF: 1722717.0/41

All: 56.578 $\pm$ 0.006 χ^2 /NDF: 3360327.7/80

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194 $\pm$ 212.448 χ^2 /NDF: 22.4/16

Left Out: -428.363 $\pm$ 87.254 χ^2 /NDF: 57.3/22

Right Out: 448.932 $\pm$ 203.999 χ^2 /NDF: 10.5/18

Left In: 95.624 $\pm$ 87.386 χ^2 /NDF: 18.2/21

Left: -166.767 $\pm$ 61.745 χ^2 /NDF: 93.5/44

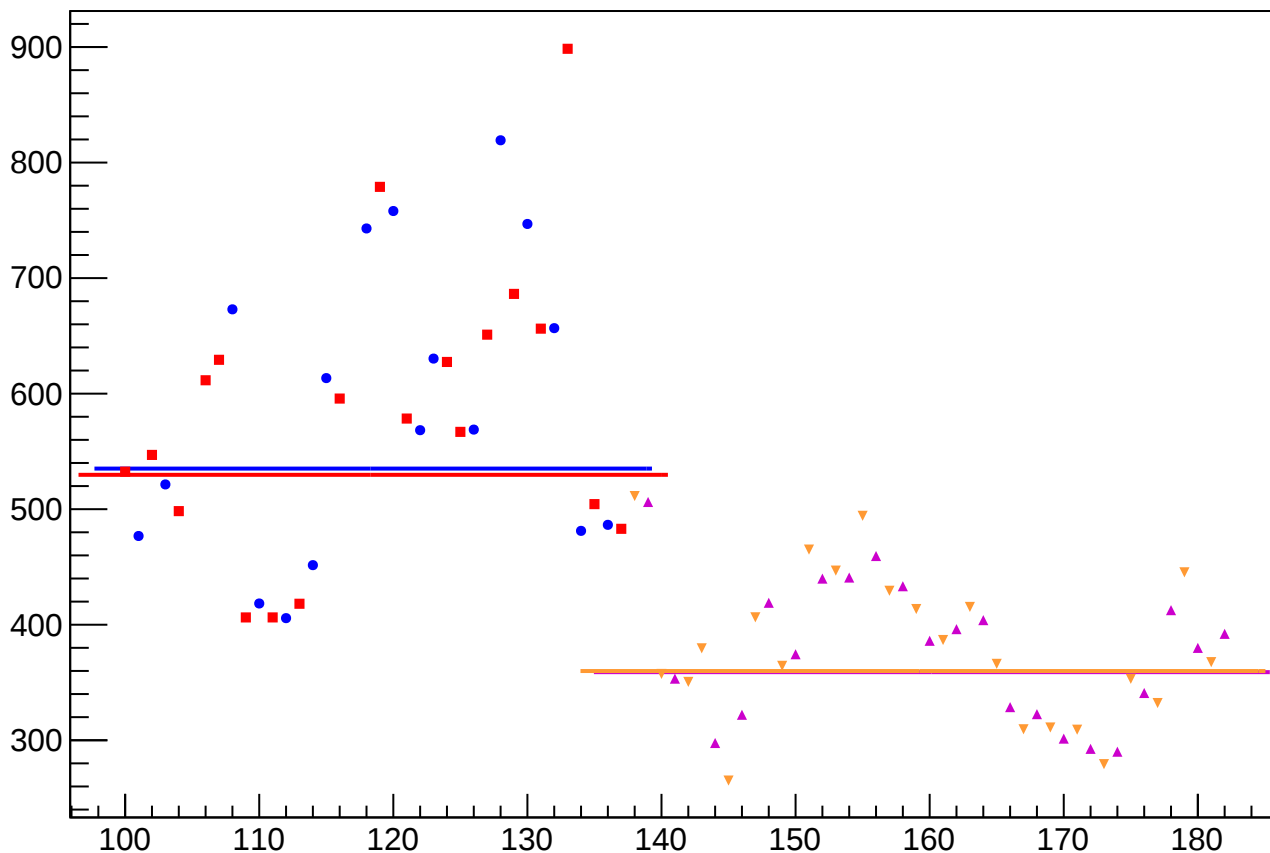
Right: 161.039 $\pm$ 147.145 χ^2 /NDF: 37.1/35

In: 59.907 $\pm$ 80.817 χ^2 /NDF: 41.8/38

Out: -292.690 $\pm$ 80.224 χ^2 /NDF: 83.4/41

All: -117.689 $\pm$ 56.935 χ^2 /NDF: 134.8/80

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 359.916 $\pm$ 0.062 χ^2 /NDF: 1027441.0/22

Right Out: 529.748 $\pm$ 0.144 χ^2 /NDF: 646729.4/18

Left In: 358.947 $\pm$ 0.062 χ^2 /NDF: 843887.2/21

Left: 359.432 $\pm$ 0.044 χ^2 /NDF: 1871451.2/44

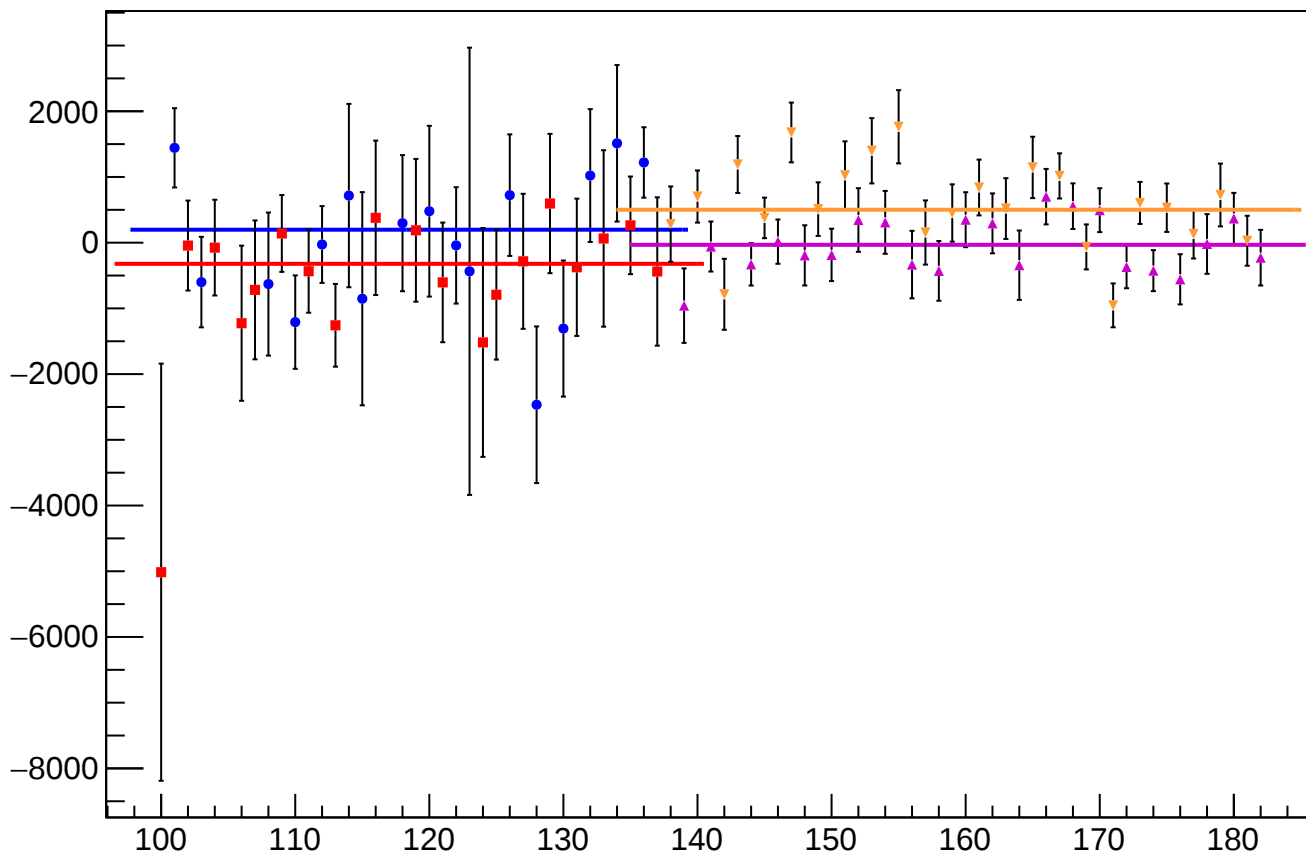
Right: 532.334 $\pm$ 0.104 χ^2 /NDF: 1243483.8/35

In: 384.444 $\pm$ 0.057 χ^2 /NDF: 2616498.1/38

Out: 386.180 $\pm$ 0.057 χ^2 /NDF: 2845962.4/41

All: 385.319 $\pm$ 0.040 χ^2 /NDF: 5462925.7/80

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 501.026 $\pm$ 85.644 χ^2 /NDF:54.7/22

Right Out: -321.565 $\pm$ 205.269 χ^2 /NDF: 8.9/18

Left In: -32.697 $\pm$ 85.286 χ^2 /NDF:21.9/21

Left: 233.045 $\pm$ 60.433 χ^2 /NDF: 96.2/44

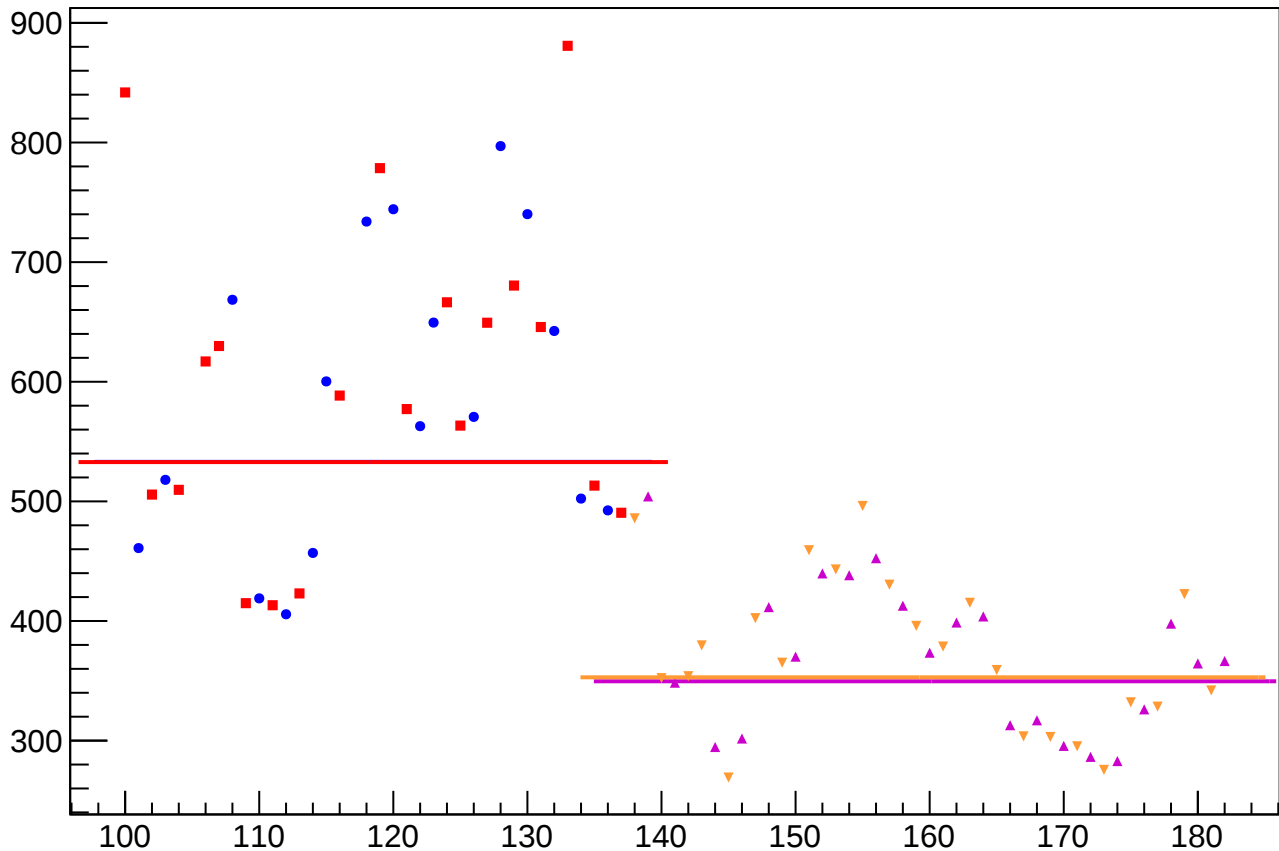
Right: -69.737 $\pm$ 147.294 χ^2 /NDF: 35.9/35

In: -0.487 $\pm$ 79.096 χ^2 /NDF:46.9/38

Out: 379.061 $\pm$ 79.041 χ^2 /NDF:77.3/41

All: 189.420 $\pm$ 55.910 χ^2 /NDF: 135.7/80

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 352.911 $\pm$ 0.061 χ^2 /NDF: 1003465.7/22

Right Out: 532.857 $\pm$ 0.145 χ^2 /NDF: 616953.9/18

Left In: 349.605 $\pm$ 0.060 χ^2 /NDF: 885819.0/21

Left: 351.251 $\pm$ 0.043 χ^2 /NDF: 1890780.7/44

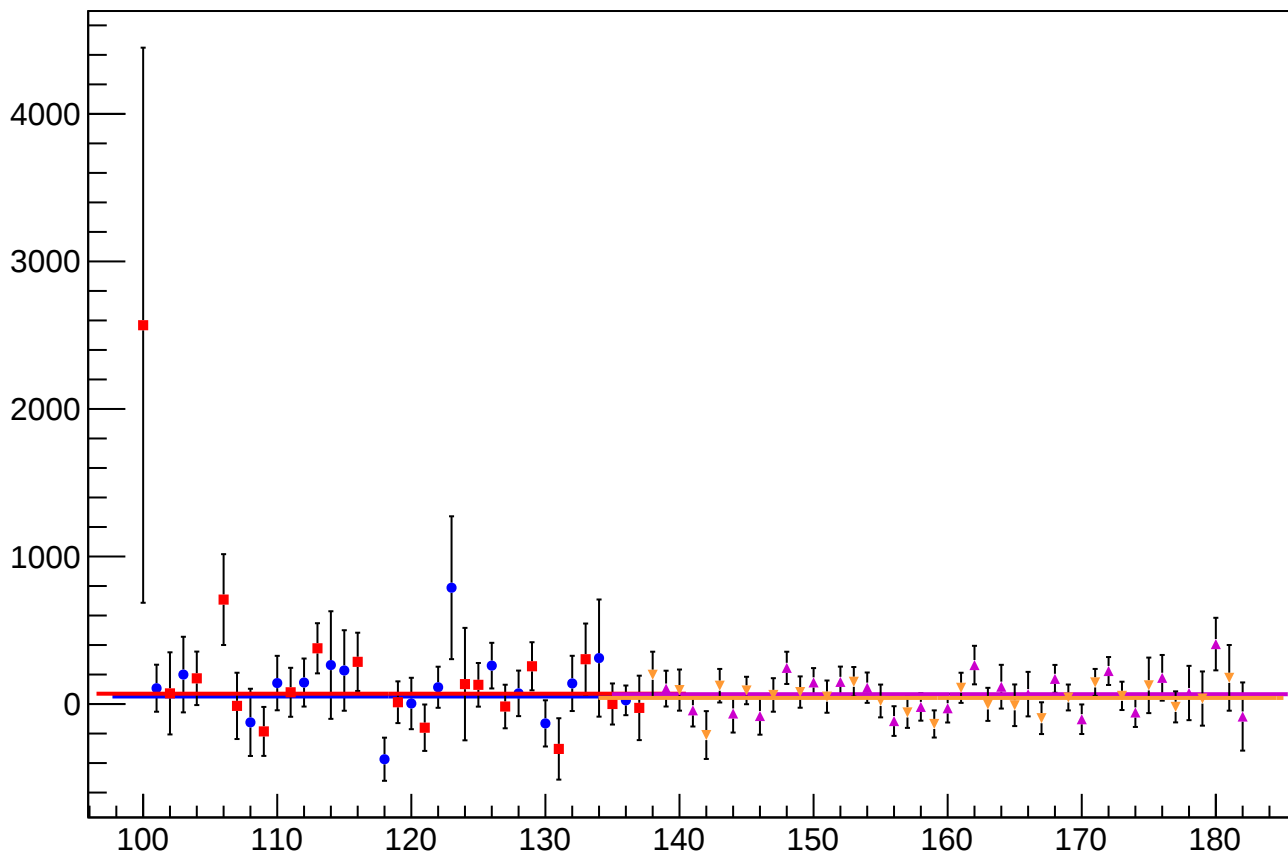
Right: 532.941 $\pm$ 0.104 χ^2 /NDF: 1183805.7/35

In: 375.264 $\pm$ 0.056 χ^2 /NDF: 2746778.3/38

Out: 379.591 $\pm$ 0.056 χ^2 /NDF: 2929506.2/41

All: 377.429 $\pm$ 0.040 χ^2 /NDF: 5679280.0/80

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166+/-42.416 χ^2/NDF : 17.4/16

Left Out: 41.410+/-23.559 χ^2/NDF :15.0/22

Right Out: 70.072+/-42.792 χ^2/NDF : 22.1/18

Left In: 66.652+/-24.486 χ^2/NDF :28.2/21

Left: 53.544+/-16.977 χ^2/NDF : 43.7/44

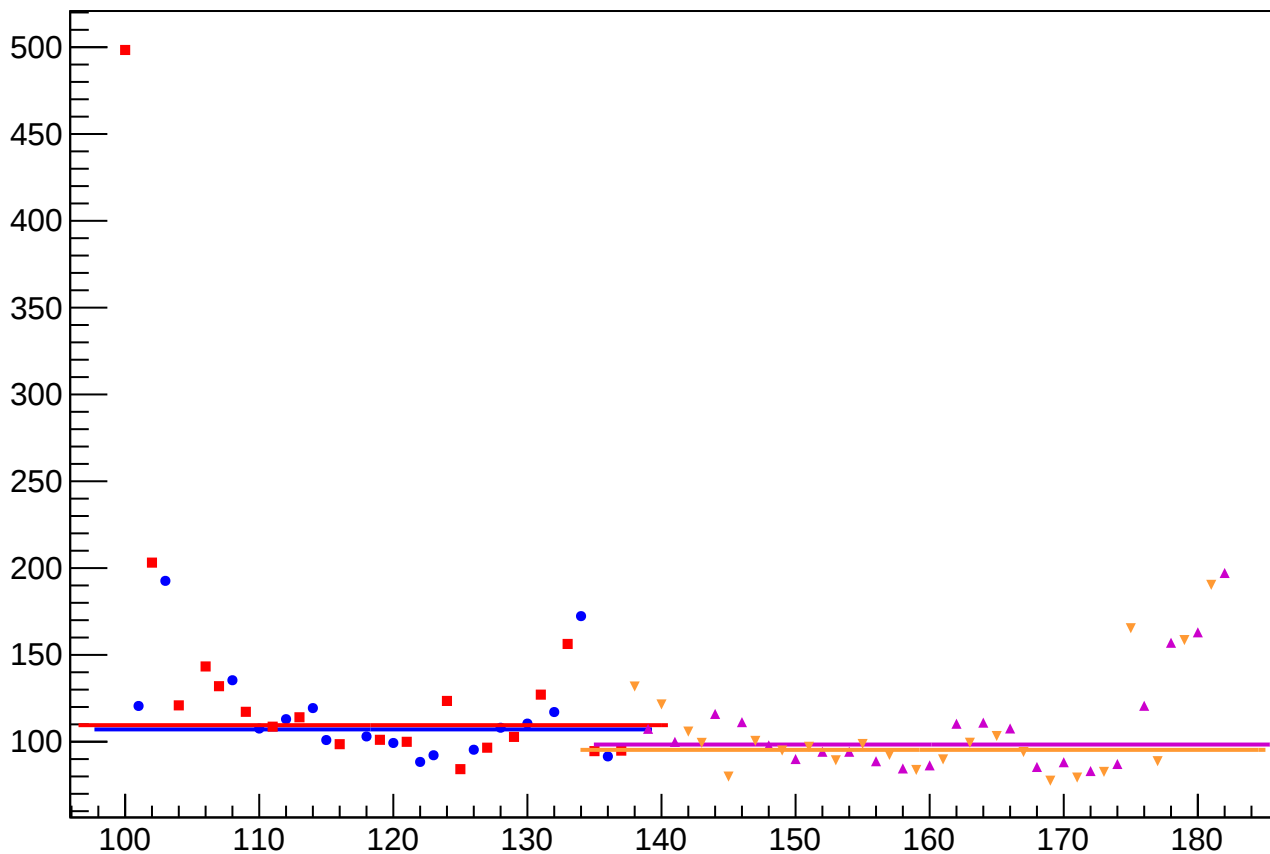
Right: 60.535+/-30.125 χ^2/NDF : 39.6/35

In: 62.781+/-21.206 χ^2/NDF :45.6/38

Out: 48.076+/-20.638 χ^2/NDF :37.4/41

All: 55.229+/-14.790 χ^2/NDF : 83.3/80

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.311 $\pm$ 0.017 χ^2 /NDF:1370974.7/22

Right Out: 109.530 $\pm$ 0.030 χ^2 /NDF: 591522.9/18

Left In: 98.376 $\pm$ 0.017 χ^2 /NDF:1231646.2/21

Left: 96.784 $\pm$ 0.012 χ^2 /NDF: 2618897.6/44

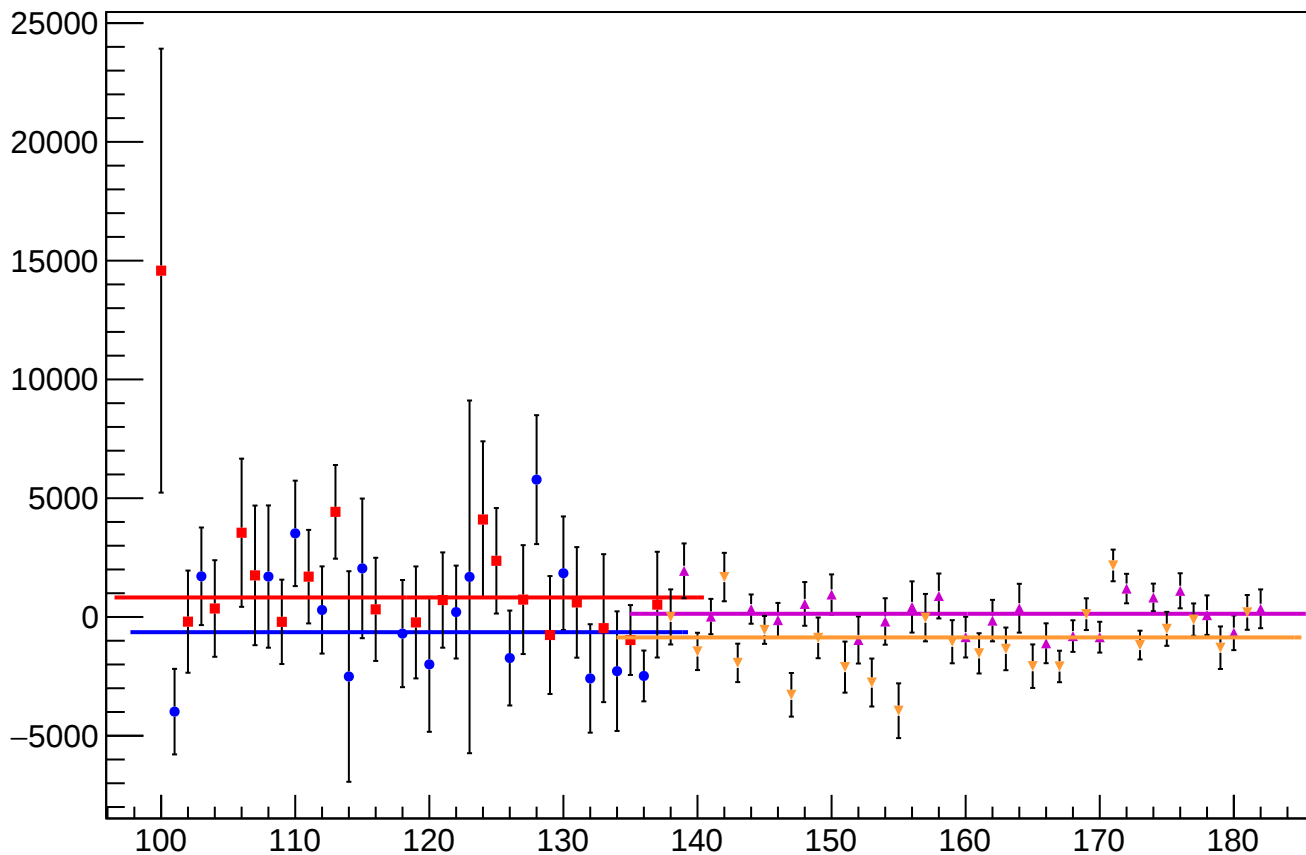
Right: 108.301 $\pm$ 0.021 χ^2 /NDF: 1032549.7/35

In: 100.555 $\pm$ 0.015 χ^2 /NDF:1732768.9/38

Out: 98.618 $\pm$ 0.015 χ^2 /NDF:2131977.4/41

All: 99.560 $\pm$ 0.010 χ^2 /NDF: 3873316.2/80

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: -860.620 $\pm$ 167.431 χ^2 /NDF:62.0/22

Right Out: 821.471 $\pm$ 515.663 χ^2 /NDF: 11.0/18

Left In: 134.536 $\pm$ 167.576 χ^2 /NDF:21.2/21

Left: -363.475 $\pm$ 118.443 χ^2 /NDF: 100.9/44

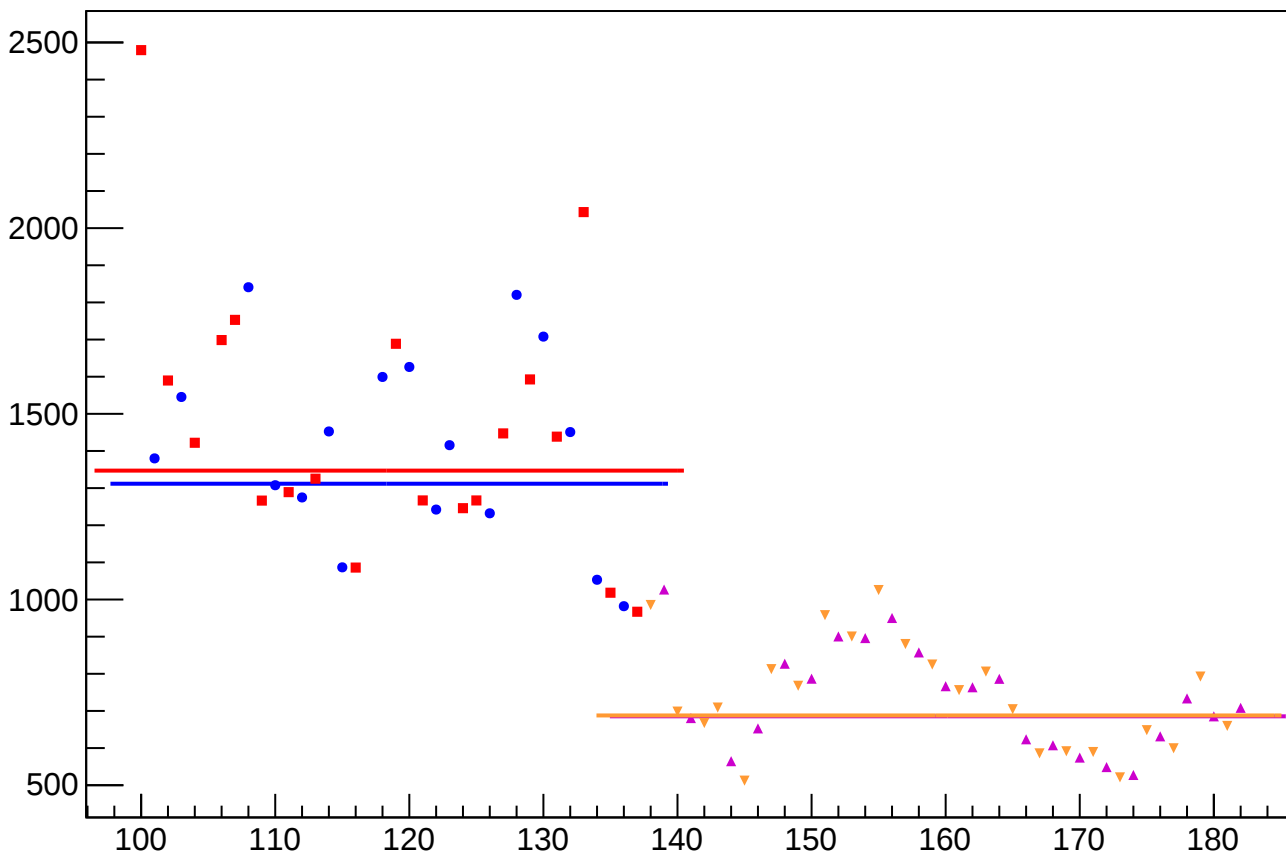
Right: 95.874 $\pm$ 365.890 χ^2 /NDF: 36.8/35

In: 61.489 $\pm$ 159.477 χ^2 /NDF:44.9/38

Out: -700.200 $\pm$ 159.247 χ^2 /NDF:82.7/41

All: -319.906 $\pm$ 112.686 χ^2 /NDF: 139.0/80

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 687.836+/-0.118 χ^2/NDF : 1276731.4/22

Right Out: 1347.117+/-0.365 χ^2/NDF : 490460.8/18

Left In: 685.501+/-0.118 χ^2/NDF : 1120322.0/21

Left: 686.670+/-0.084 χ^2/NDF : 2397247.8/44

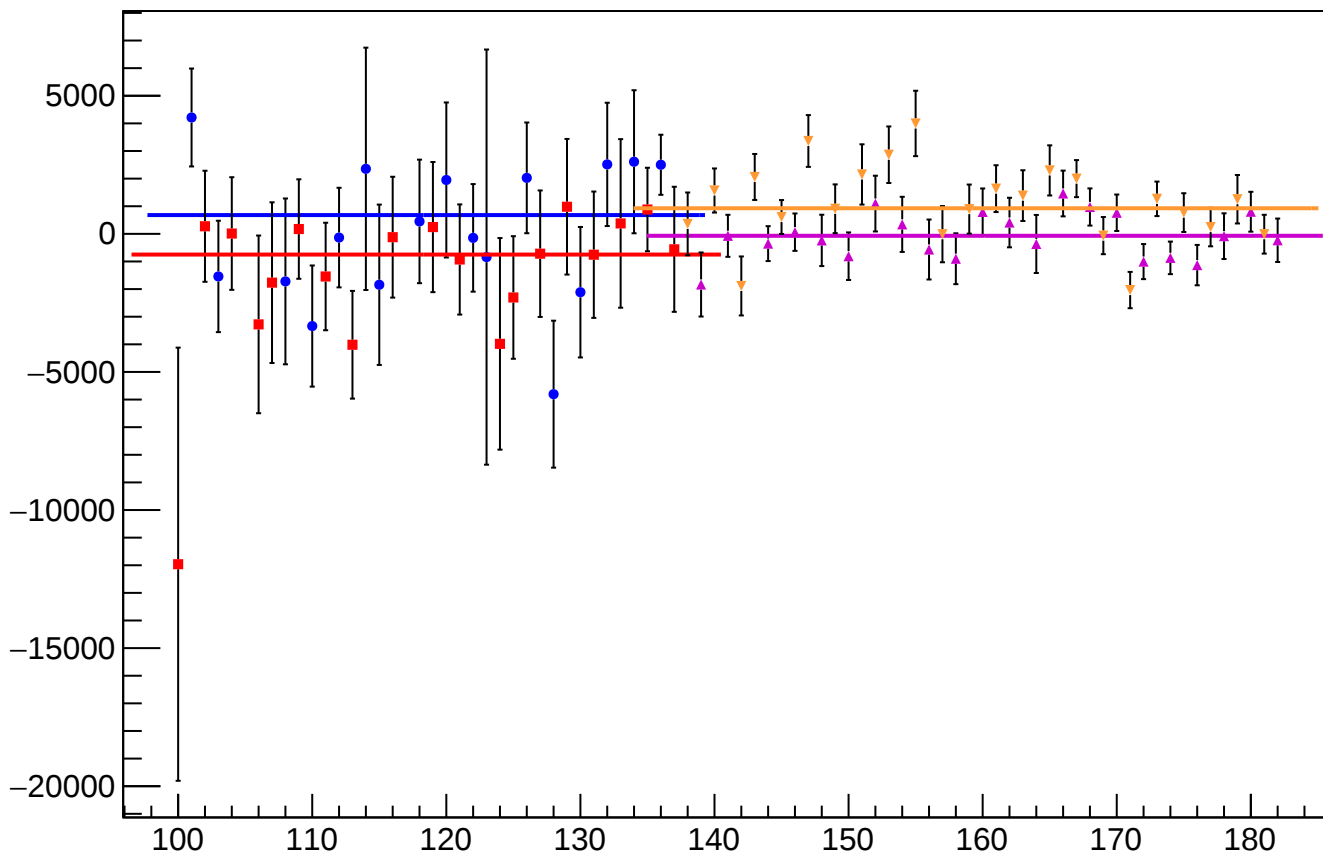
Right: 1329.578+/-0.259 χ^2/NDF : 1007796.5/35

In: 744.579+/-0.113 χ^2/NDF : 4268159.3/38

Out: 750.711+/-0.113 χ^2/NDF : 4724591.2/41

All: 747.650+/-0.080 χ^2/NDF : 8994231.4/80

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 926.618+/-169.047 χ^2/NDF :60.6/22

Right Out: -749.718+/-516.198 χ^2/NDF : 9.7/18

Left In: -69.984+/-168.056 χ^2/NDF :22.3/21

Left: 425.388+/-119.183 χ^2/NDF : 100.4/44

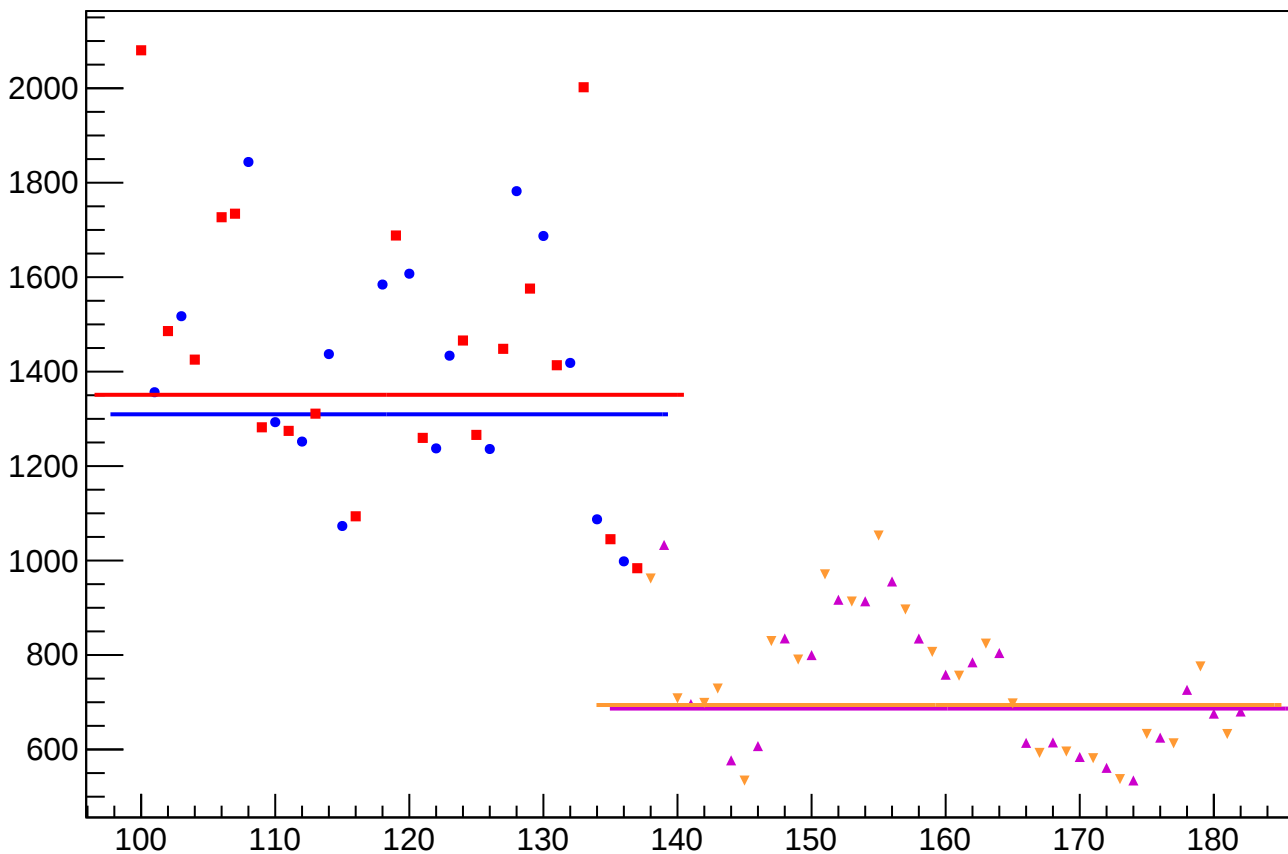
Right: -36.709+/-365.469 χ^2/NDF : 36.1/35

In: 1.555+/-159.840 χ^2/NDF :46.7/38

Out: 764.250+/-160.652 χ^2/NDF :79.8/41

All: 380.970+/-113.310 χ^2/NDF : 137.9/80

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2 /NDF: 459314.8/16

Left Out: 694.143 $\pm$ 0.120 χ^2 /NDF: 1231344.9/22

Right Out: 1350.942 $\pm$ 0.365 χ^2 /NDF: 422723.4/18

Left In: 686.580 $\pm$ 0.119 χ^2 /NDF: 1115447.5/21

Left: 690.339 $\pm$ 0.084 χ^2 /NDF: 2348805.9/44

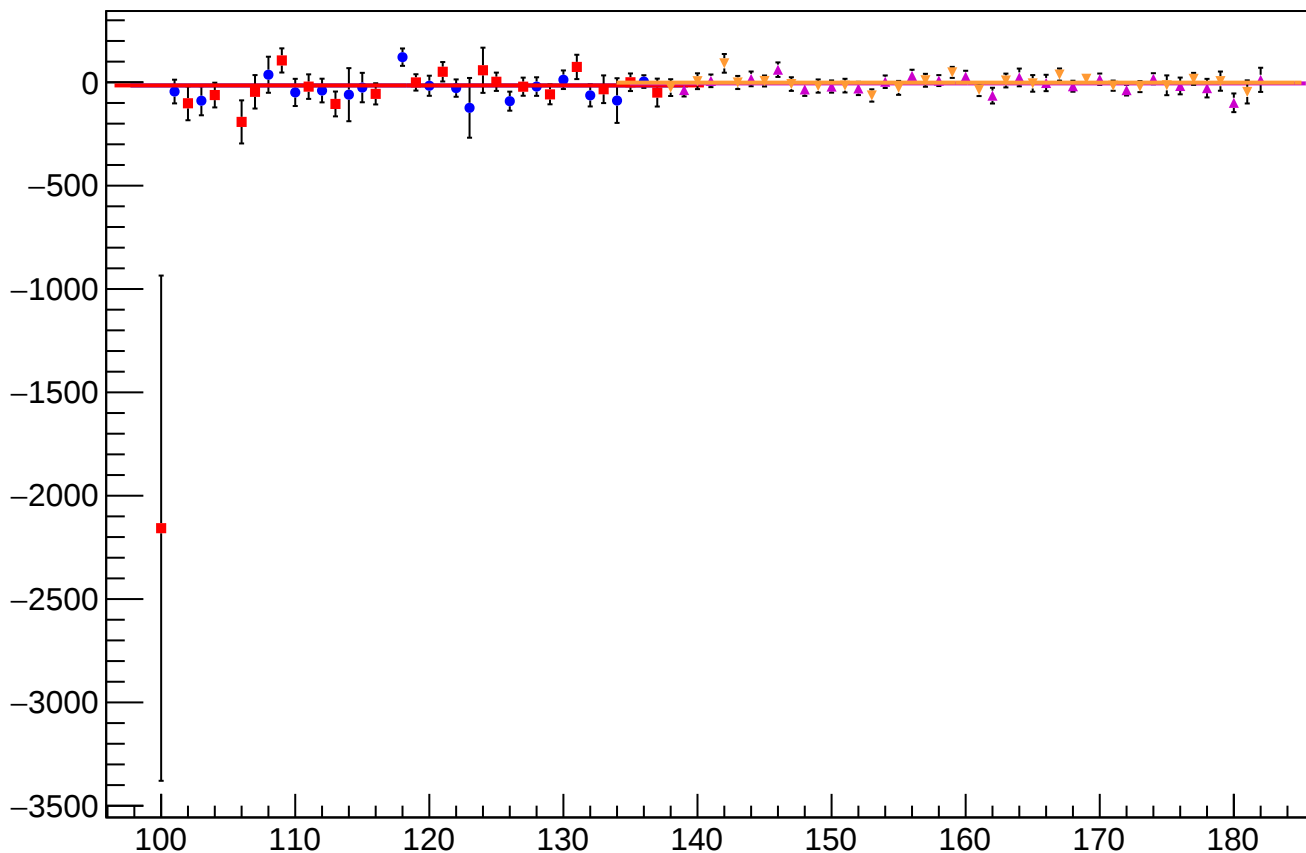
Right: 1330.350 $\pm$ 0.258 χ^2 /NDF: 888419.4/35

In: 746.019 $\pm$ 0.113 χ^2 /NDF: 4197371.9/38

Out: 757.760 $\pm$ 0.114 χ^2 /NDF: 4578342.8/41

All: 751.860 $\pm$ 0.080 χ^2 /NDF: 8781082.6/80

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.587 ± 6.690 χ^2/NDF : 19.5/22

Right Out: -15.085 ± 13.097 χ^2/NDF : 21.3/18

Left In: -5.368 ± 6.886 χ^2/NDF : 20.8/21

Left: -3.423 ± 4.798 χ^2/NDF : 40.4/44

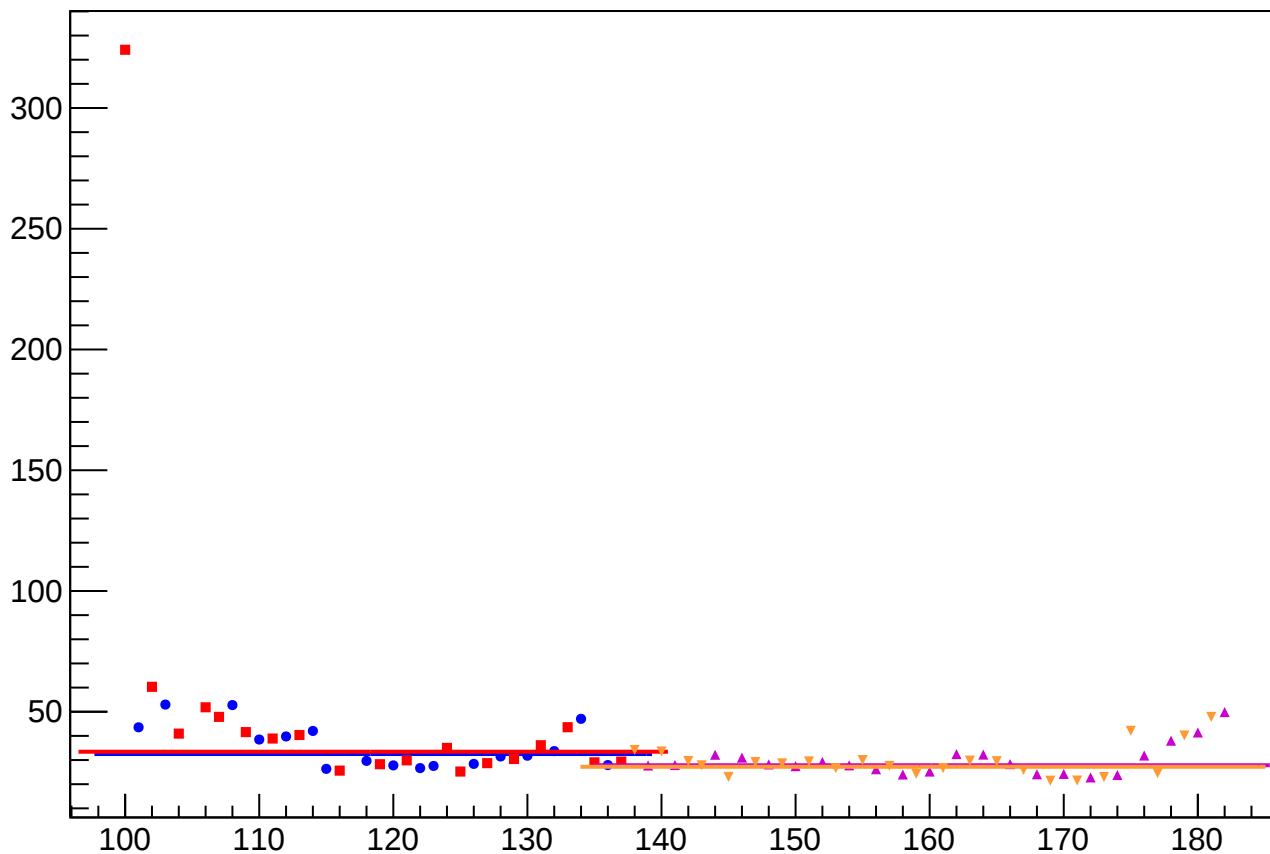
Right: -15.184 ± 9.193 χ^2/NDF : 39.6/35

In: -7.564 ± 6.075 χ^2/NDF : 39.5/38

Out: -4.380 ± 5.957 χ^2/NDF : 41.6/41

All: -5.941 ± 4.254 χ^2/NDF : 81.3/80

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.207+/-0.005 χ^2/NDF : 1161281.9/22

Right Out: 33.444+/-0.009 χ^2/NDF : 838344.2/18

Left In: 27.839+/-0.005 χ^2/NDF : 947857.6/21

Left: 27.514+/-0.003 χ^2/NDF : 2117800.7/44

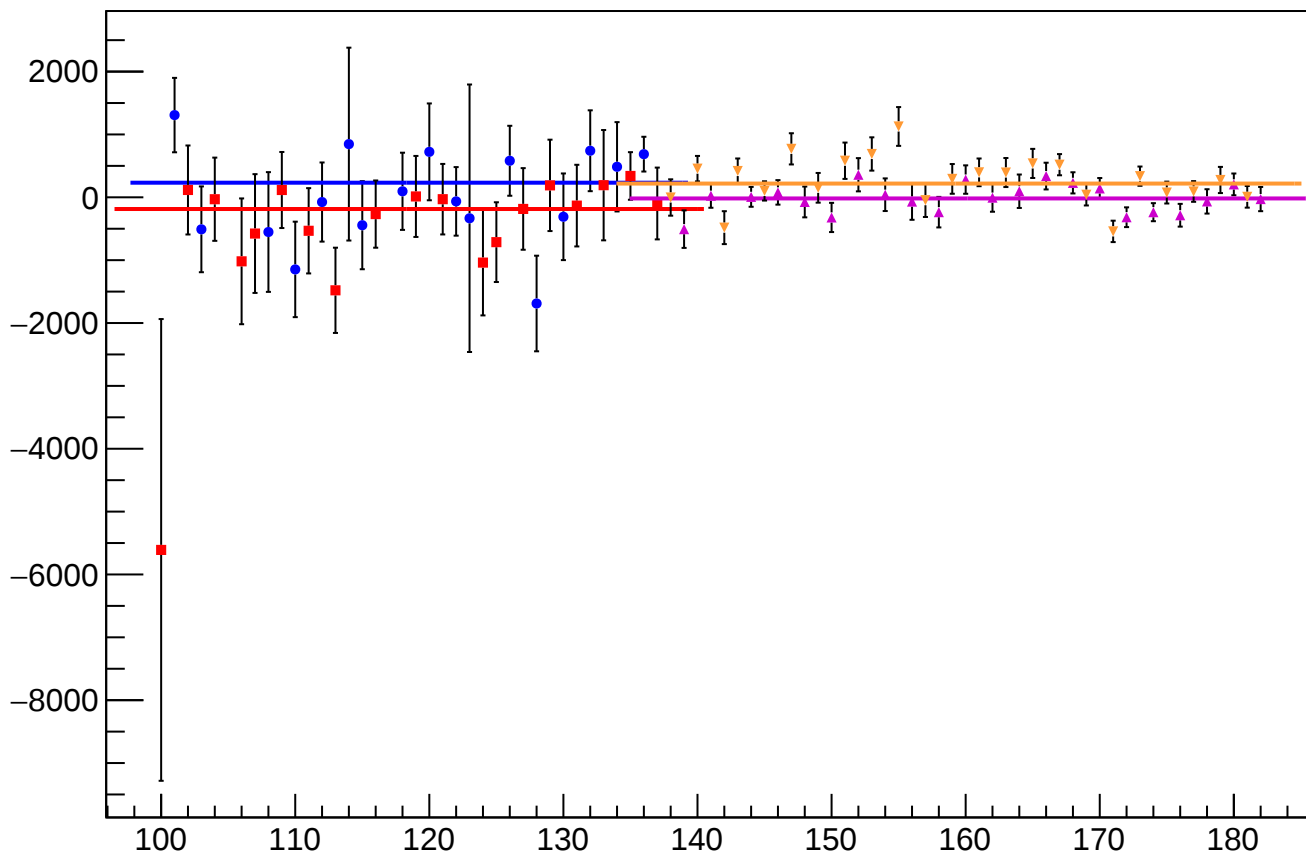
Right: 32.960+/-0.007 χ^2/NDF : 1438223.6/35

In: 28.869+/-0.004 χ^2/NDF : 1744433.7/38

Out: 28.498+/-0.004 χ^2/NDF : 2359412.6/41

All: 28.680+/-0.003 χ^2/NDF : 4107658.1/80

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: 218.520 $\pm$ 42.527 χ^2 /NDF:61.0/22

Right Out: -186.198 $\pm$ 149.878 χ^2 /NDF: 11.8/18

Left In: -18.167 $\pm$ 42.559 χ^2 /NDF:25.4/21

Left: 100.264 $\pm$ 30.082 χ^2 /NDF: 101.9/44

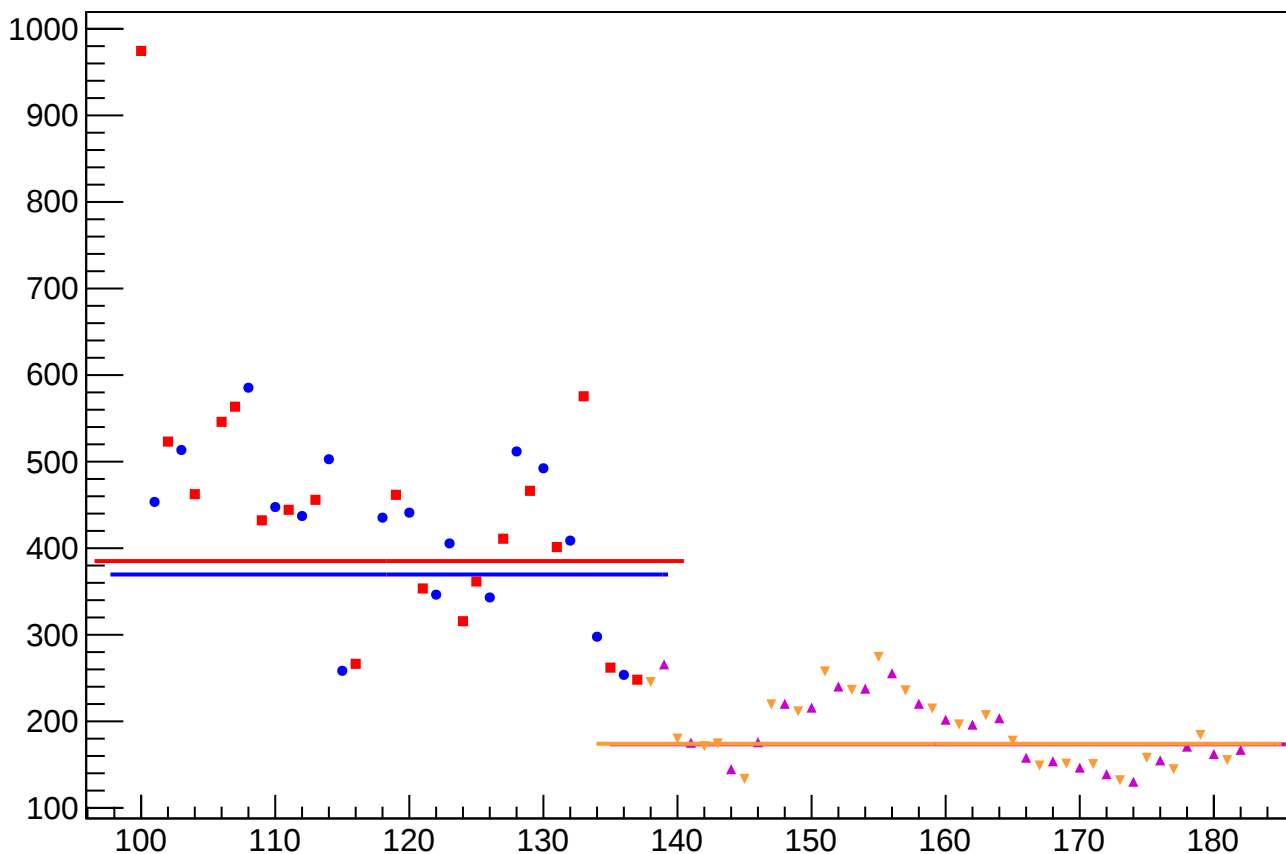
Right: 24.849 $\pm$ 105.528 χ^2 /NDF: 37.2/35

In: 0.821 $\pm$ 40.914 χ^2 /NDF:49.5/38

Out: 188.364 $\pm$ 40.912 χ^2 /NDF:79.5/41

All: 94.596 $\pm$ 28.930 χ^2 /NDF: 139.5/80

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: 174.116 $\pm$ 0.030 χ^2 /NDF: 1479671.2/22

Right Out: 385.154 $\pm$ 0.106 χ^2 /NDF: 926572.0/18

Left In: 173.451 $\pm$ 0.030 χ^2 /NDF: 1362238.8/21

Left: 173.784 $\pm$ 0.021 χ^2 /NDF: 2842154.7/44

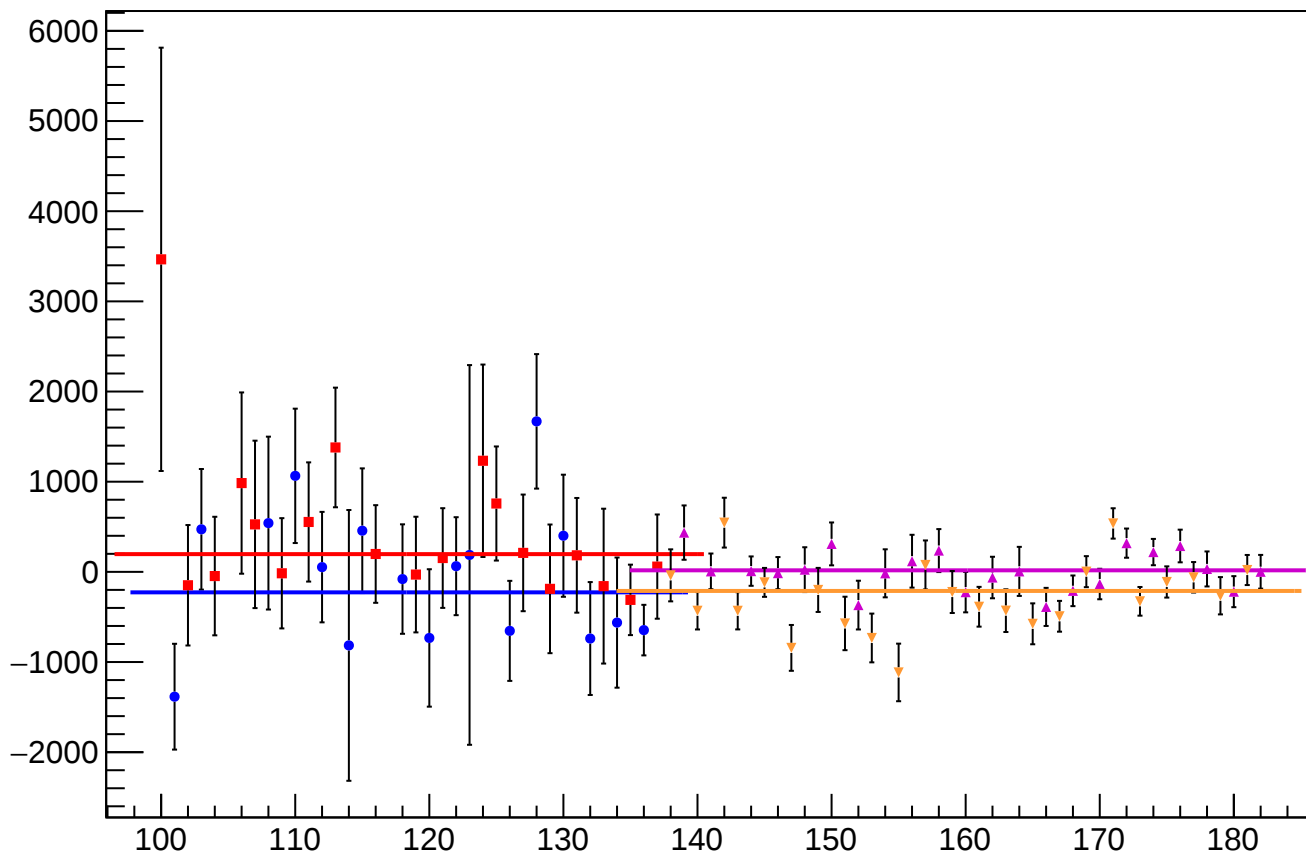
Right: 377.336 $\pm$ 0.075 χ^2 /NDF: 1840139.7/35

In: 188.322 $\pm$ 0.029 χ^2 /NDF: 5486905.4/38

Out: 189.841 $\pm$ 0.029 χ^2 /NDF: 6076074.8/41

All: 189.082 $\pm$ 0.020 χ^2 /NDF: 11564358.4/80

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 χ^2/NDF : 21.8/16

Left Out: -211.634 ± 43.113 χ^2/NDF : 62.7/22

Right Out: 196.753 ± 150.178 χ^2/NDF : 10.7/18

Left In: 17.085 ± 42.821 χ^2/NDF : 23.6/21

Left: -96.498 ± 30.382 χ^2/NDF : 100.5/44

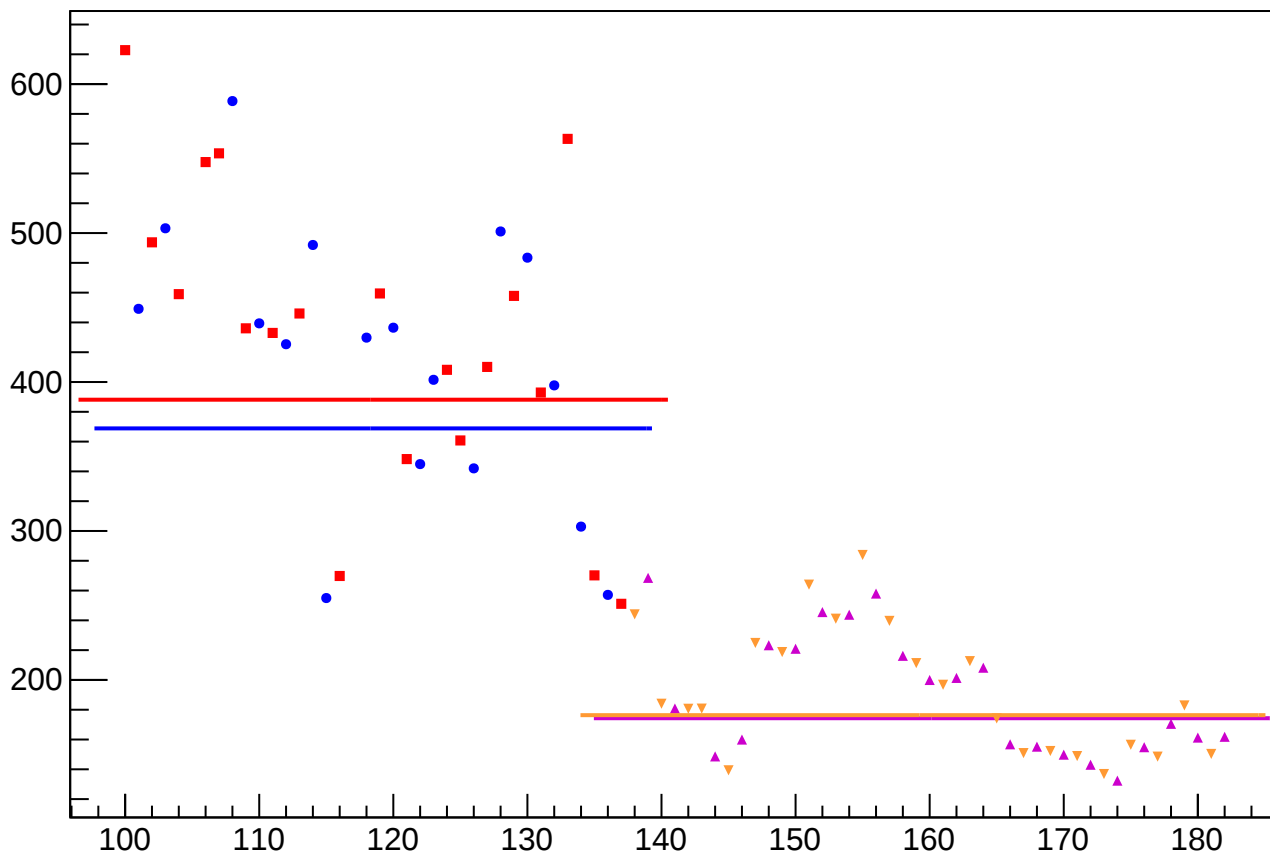
Right: -18.470 ± 105.386 χ^2/NDF : 36.6/35

In: -1.809 ± 41.132 χ^2/NDF : 47.9/38

Out: -180.540 ± 41.439 χ^2/NDF : 80.3/41

All: -90.511 ± 29.193 χ^2/NDF : 137.6/80

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 368.864 $\pm$ 0.105 χ^2 /NDF: 829732.0/16

Left Out: 176.350 $\pm$ 0.030 χ^2 /NDF: 1479071.7/22

Right Out: 388.129 $\pm$ 0.106 χ^2 /NDF: 778176.0/18

Left In: 174.301 $\pm$ 0.030 χ^2 /NDF: 1364172.0/21

Left: 175.319 $\pm$ 0.021 χ^2 /NDF: 2845519.4/44

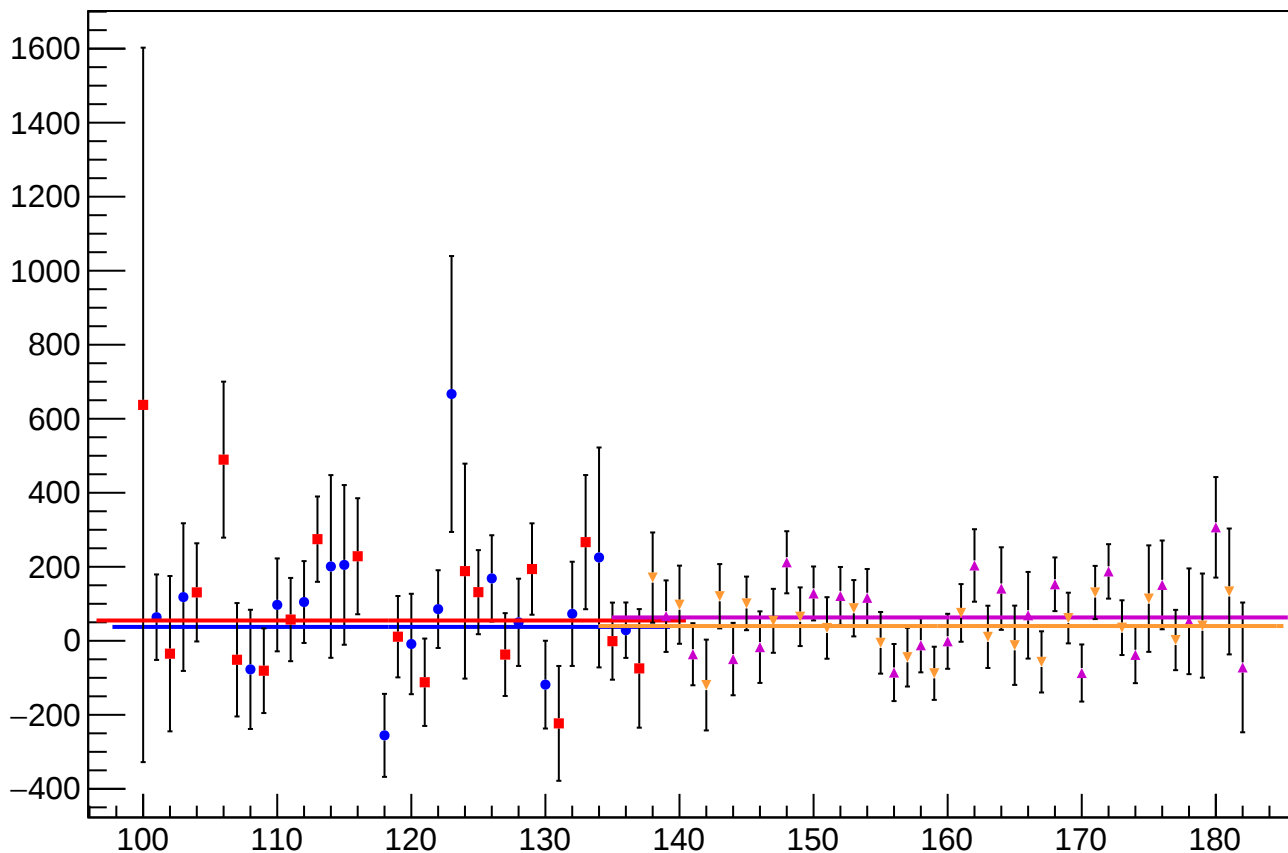
Right: 378.351 $\pm$ 0.075 χ^2 /NDF: 1624614.1/35

In: 189.344 $\pm$ 0.029 χ^2 /NDF: 5386400.9/38

Out: 192.475 $\pm$ 0.029 χ^2 /NDF: 5931670.2/41

All: 190.898 $\pm$ 0.021 χ^2 /NDF: 11323820.4/80

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535+/-31.460 χ^2/NDF : 15.8/16

Left Out: 39.917+/-18.054 χ^2/NDF :14.2/22

Right Out: 54.894+/-31.473 χ^2/NDF : 22.2/18

Left In: 63.166+/-18.792 χ^2/NDF :30.7/21

Left: 51.077+/-13.019 χ^2/NDF : 45.8/44

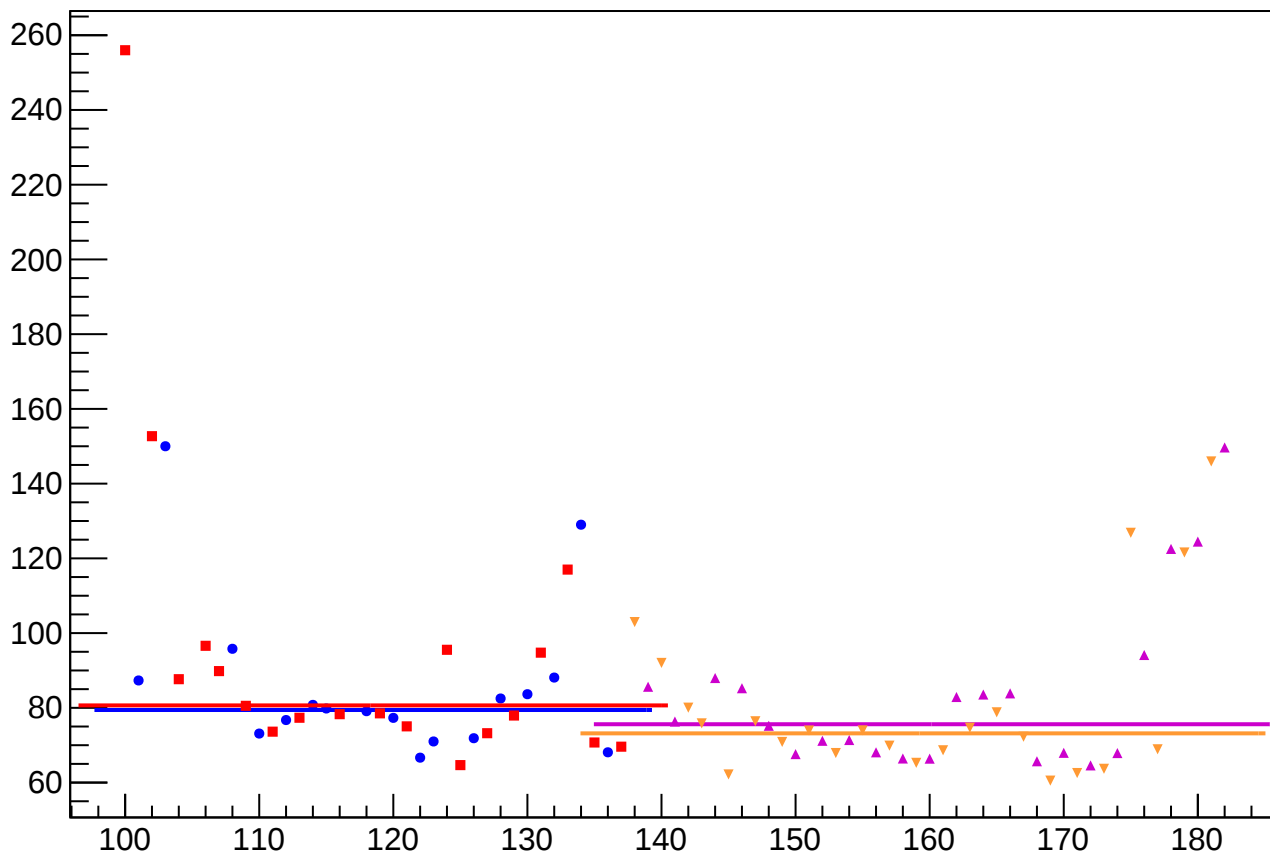
Right: 46.211+/-22.250 χ^2/NDF : 38.2/35

In: 56.426+/-16.133 χ^2/NDF :47.1/38

Out: 43.625+/-15.661 χ^2/NDF :36.6/41

All: 49.836+/-11.237 χ^2/NDF : 84.0/80

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2 /NDF: 439047.1/16

Left Out: 73.169 $\pm$ 0.013 χ^2 /NDF:1324042.3/22

Right Out: 80.652 $\pm$ 0.022 χ^2 /NDF: 520439.8/18

Left In: 75.612 $\pm$ 0.013 χ^2 /NDF:1223903.9/21

Left: 74.342 $\pm$ 0.009 χ^2 /NDF: 2565519.8/44

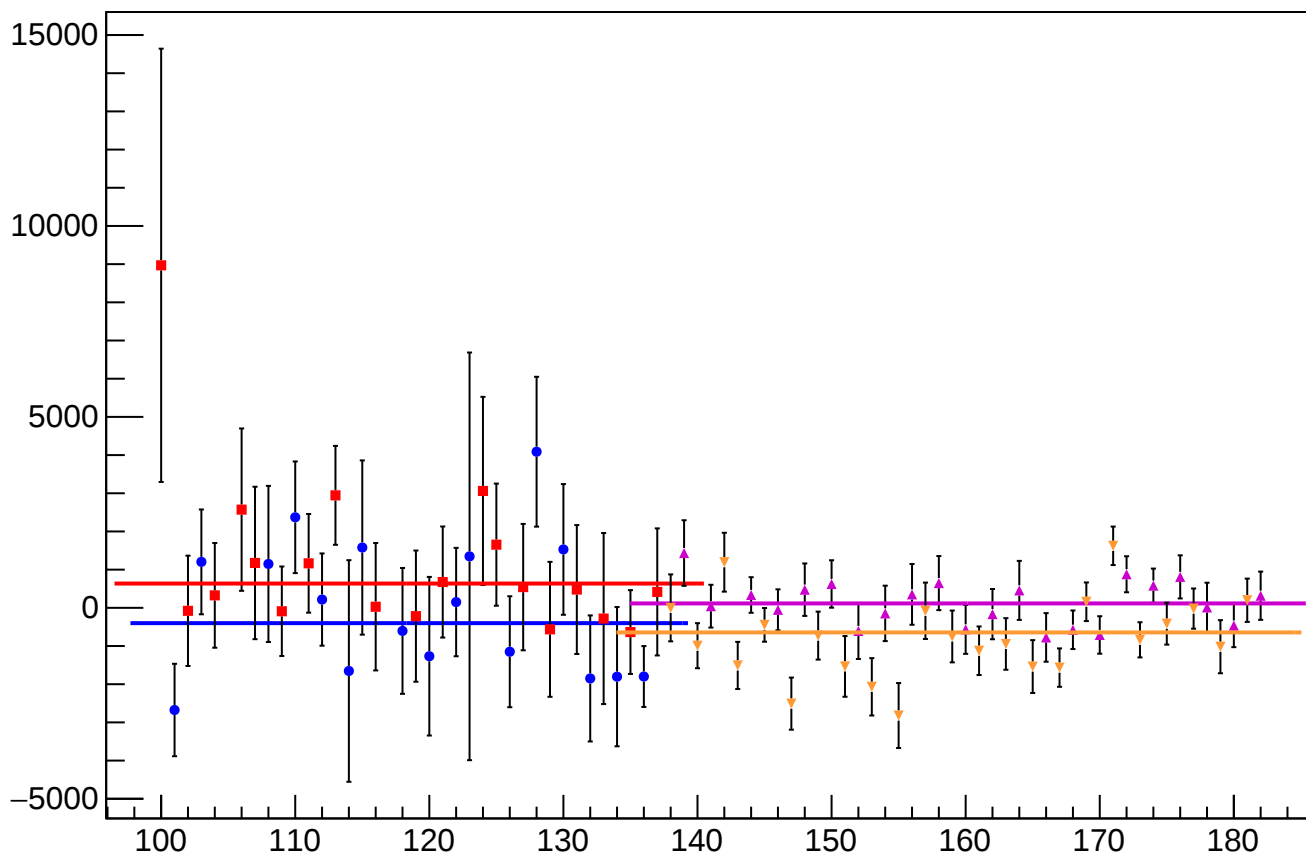
Right: 80.036 $\pm$ 0.016 χ^2 /NDF: 961016.5/35

In: 76.614 $\pm$ 0.011 χ^2 /NDF:1684560.6/38

Out: 75.022 $\pm$ 0.011 χ^2 /NDF:1929540.0/41

All: 75.794 $\pm$ 0.008 χ^2 /NDF: 3624124.7/80

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -644.100+/-126.563 χ^2/NDF :61.1/22

Right Out: 636.133+/-362.923 χ^2/NDF : 10.8/18

Left In: 115.332+/-126.699 χ^2/NDF :20.0/21

Left: -264.791+/-89.542 χ^2/NDF : 99.0/44

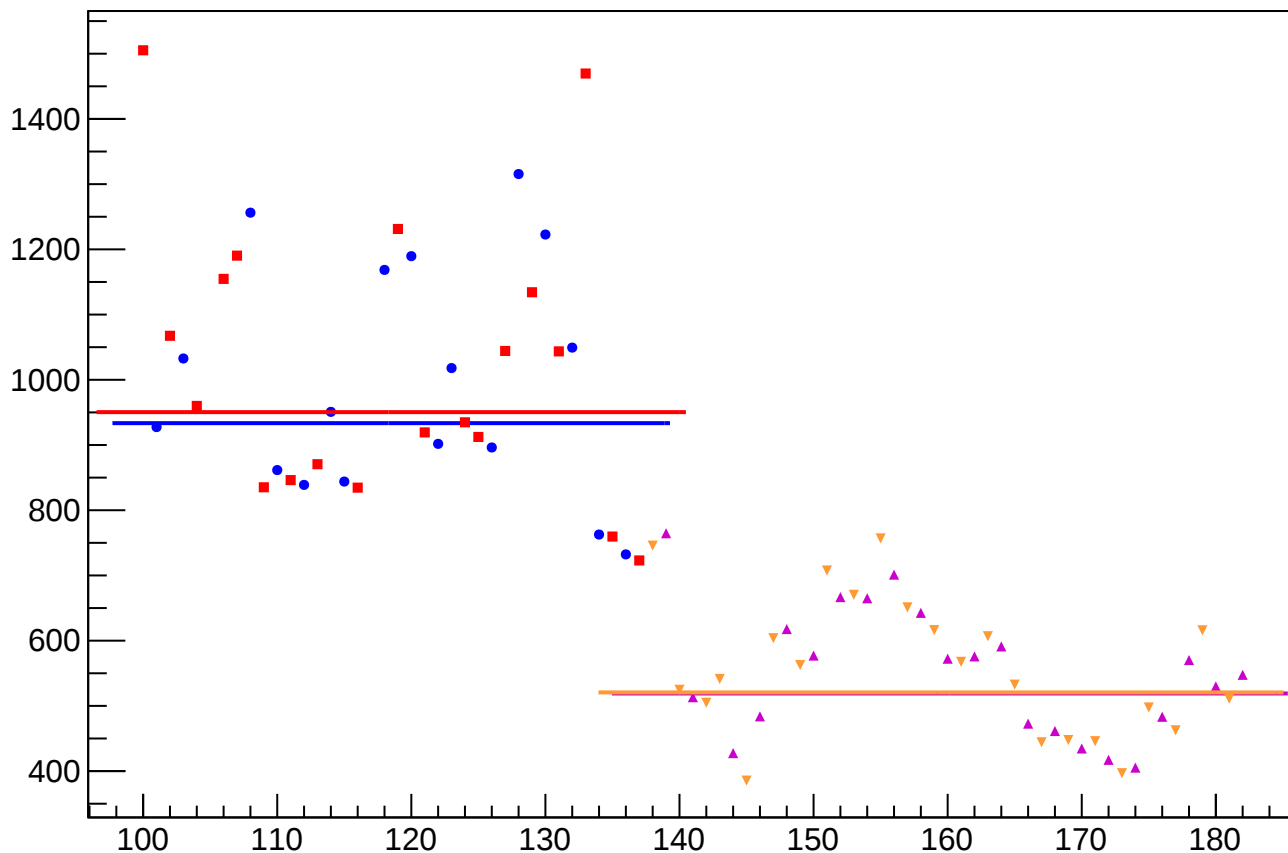
Right: 125.423+/-258.567 χ^2/NDF : 36.8/35

In: 60.736+/-119.814 χ^2/NDF :43.6/38

Out: -505.286+/-119.505 χ^2/NDF :83.0/41

All: -223.006+/-84.612 χ^2/NDF : 137.8/80

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 520.658 $\pm$ 0.089 χ^2 /NDF: 1194310.9/22

Right Out: 950.411 $\pm$ 0.257 χ^2 /NDF: 424360.9/18

Left In: 519.026 $\pm$ 0.090 χ^2 /NDF: 1026151.7/21

Left: 519.843 $\pm$ 0.063 χ^2 /NDF: 2220628.7/44

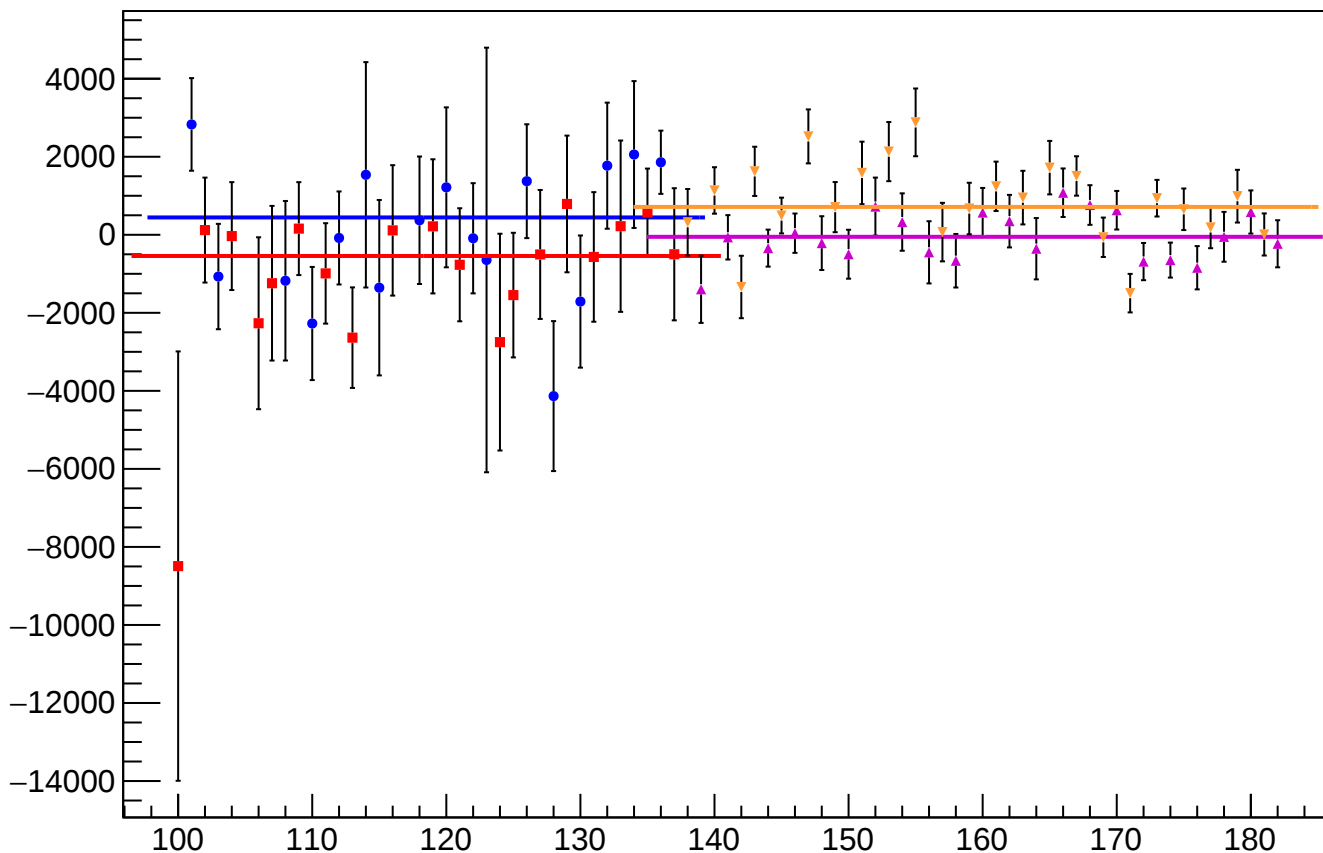
Right: 942.099 $\pm$ 0.183 χ^2 /NDF: 868813.4/35

In: 562.851 $\pm$ 0.085 χ^2 /NDF: 3731712.5/38

Out: 567.256 $\pm$ 0.085 χ^2 /NDF: 4118990.8/41

All: 565.059 $\pm$ 0.060 χ^2 /NDF: 7852058.6/80

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 714.366+/-126.877 χ^2/NDF : 59.0/22

Right Out: -543.026+/-363.317 χ^2/NDF : 9.4/18

Left In: -51.907+/-126.197 χ^2/NDF : 22.0/21

Left: 329.169+/-89.474 χ^2/NDF : 99.4/44

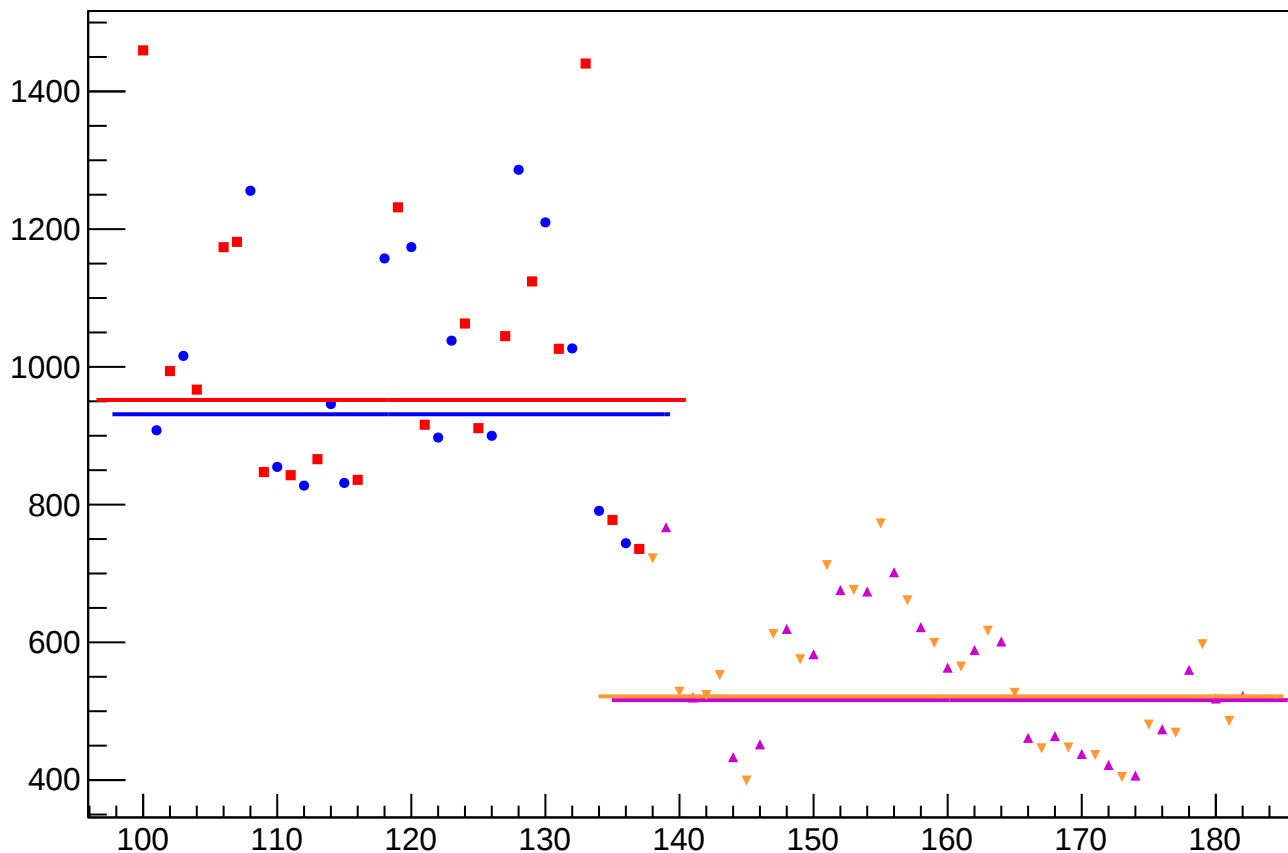
Right: -54.292+/-258.231 χ^2/NDF : 36.0/35

In: 0.574+/-119.342 χ^2/NDF : 46.6/38

Out: 577.691+/-119.783 χ^2/NDF : 79.1/41

All: 288.067+/-84.543 χ^2/NDF : 137.3/80

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 521.634 $\pm$ 0.090 χ^2 /NDF:1151373.1/22

Right Out: 951.963 $\pm$ 0.257 χ^2 /NDF: 382648.6/18

Left In: 516.181 $\pm$ 0.089 χ^2 /NDF:1034682.1/21

Left: 518.893 $\pm$ 0.063 χ^2 /NDF: 2187911.8/44

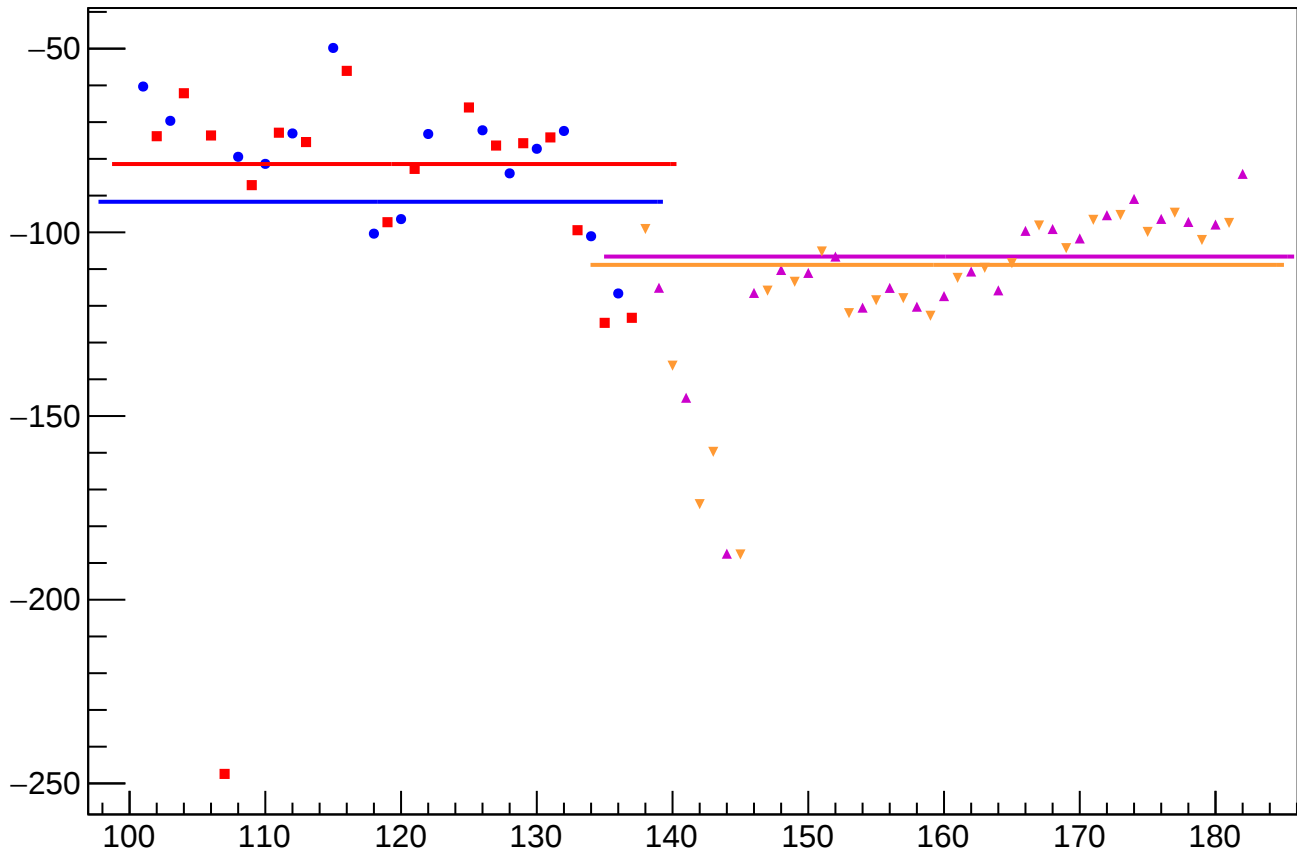
Right: 941.690 $\pm$ 0.183 χ^2 /NDF: 786122.1/35

In: 560.044 $\pm$ 0.084 χ^2 /NDF:3721020.6/38

Out: 568.409 $\pm$ 0.085 χ^2 /NDF:4034857.7/41

All: 564.211 $\pm$ 0.060 χ^2 /NDF: 7760774.1/80

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -108.855 ± 0.052 χ^2/NDF : 64864.2/22

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -106.594 ± 0.047 χ^2/NDF : 115215.7/21

Left: -107.604 ± 0.035 χ^2/NDF : 181133.3/44

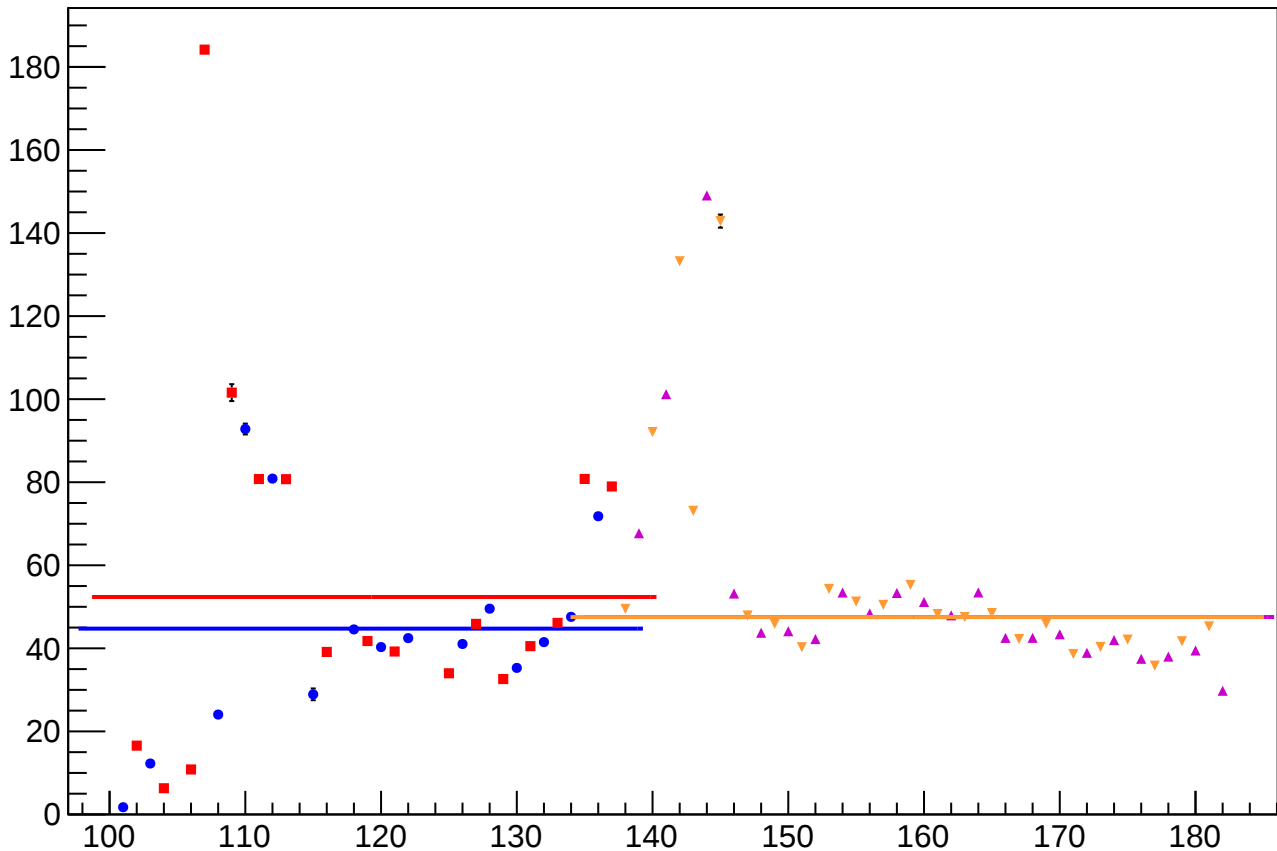
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.029 ± 0.039 χ^2/NDF : 211220.6/36

Out: -102.902 ± 0.046 χ^2/NDF : 167428.5/39

All: -102.393 ± 0.030 χ^2/NDF : 378860.4/76

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745+/-0.061 χ^2/NDF : 84697.9/14

Left Out: 47.526+/-0.044 χ^2/NDF : 60683.3/22

Right Out: 52.367+/-0.113 χ^2/NDF : 69285.2/16

Left In: 47.542+/-0.041 χ^2/NDF : 149158.6/21

Left: 47.534+/-0.030 χ^2/NDF : 209842.0/44

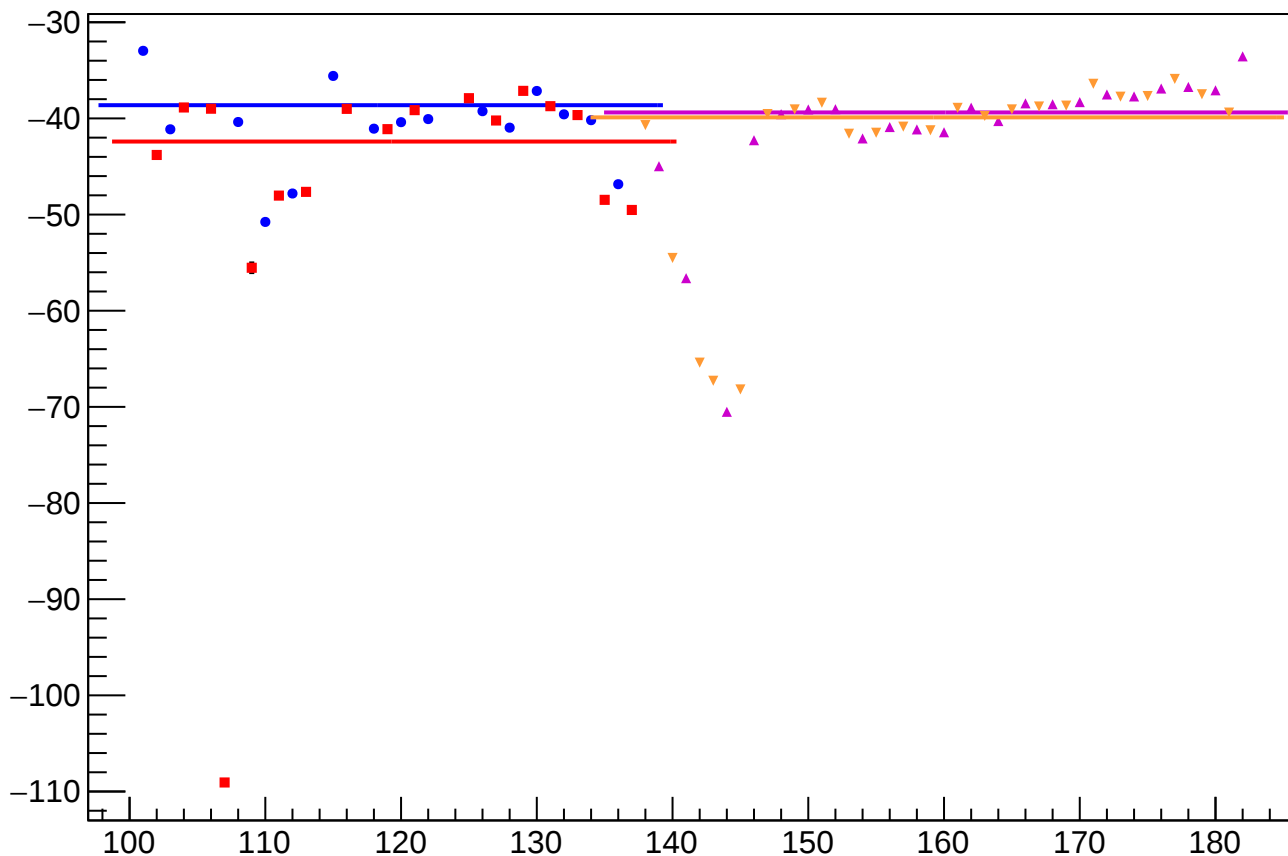
Right: 46.456+/-0.053 χ^2/NDF : 157538.4/31

In: 46.670+/-0.034 χ^2/NDF : 235323.8/36

Out: 48.157+/-0.041 χ^2/NDF : 131576.8/39

All: 47.278+/-0.026 χ^2/NDF : 367691.8/76

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -39.893+/-0.007 χ^2/NDF : 249294.4/22

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -39.379+/-0.007 χ^2/NDF : 221956.9/21

Left: -39.652+/-0.005 χ^2/NDF : 474123.1/44

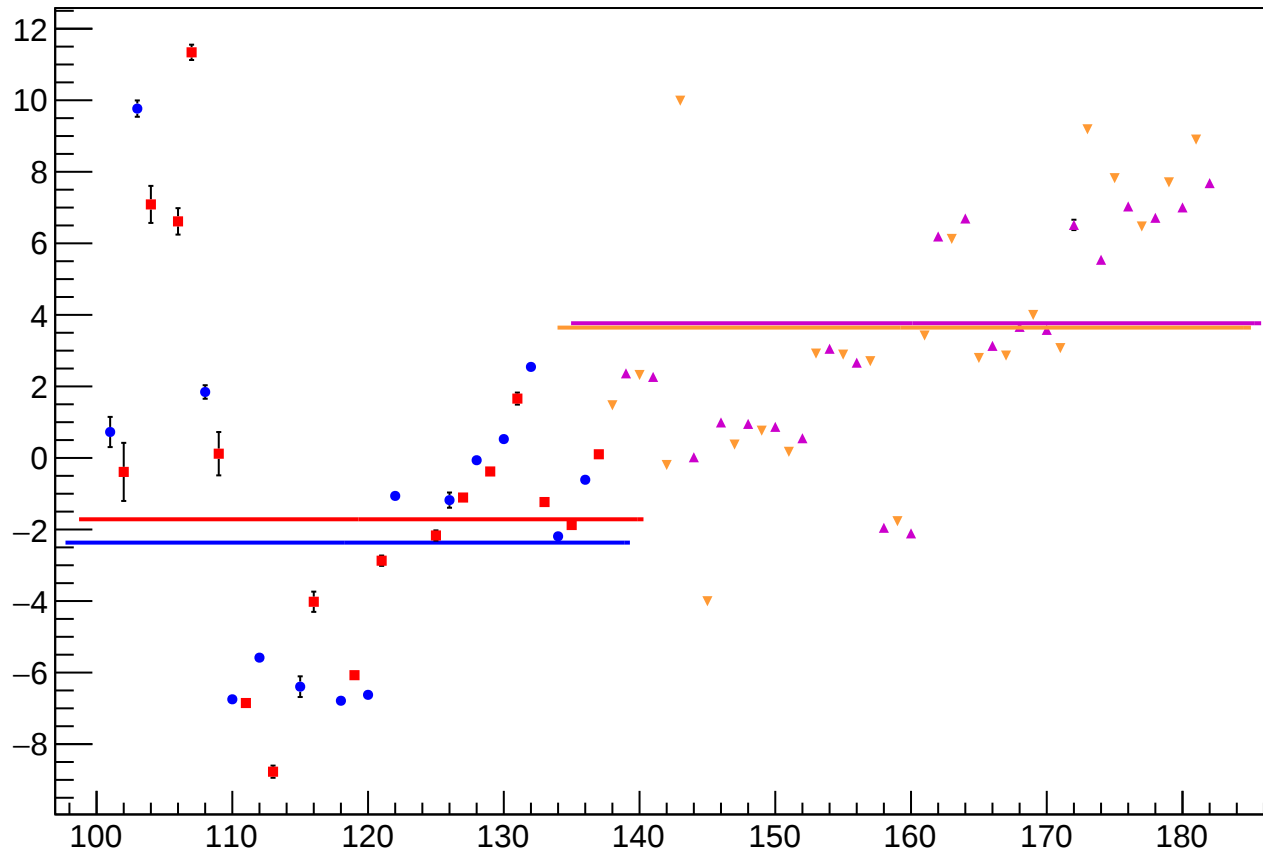
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.065+/-0.005 χ^2/NDF : 466918.7/36

Out: -40.111+/-0.006 χ^2/NDF : 531161.2/39

All: -39.505+/-0.004 χ^2/NDF : 1014215.3/76

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367±/0.014 χ^2/NDF : 28797.3/14

Left Out: 3.644±/0.007 χ^2/NDF :193583.1/22

Right Out: -1.715±/0.027 χ^2/NDF : 12719.3/16

Left In: 3.766±/0.006 χ^2/NDF :226033.0/21

Left: 3.716±/0.005 χ^2/NDF : 419788.8/44

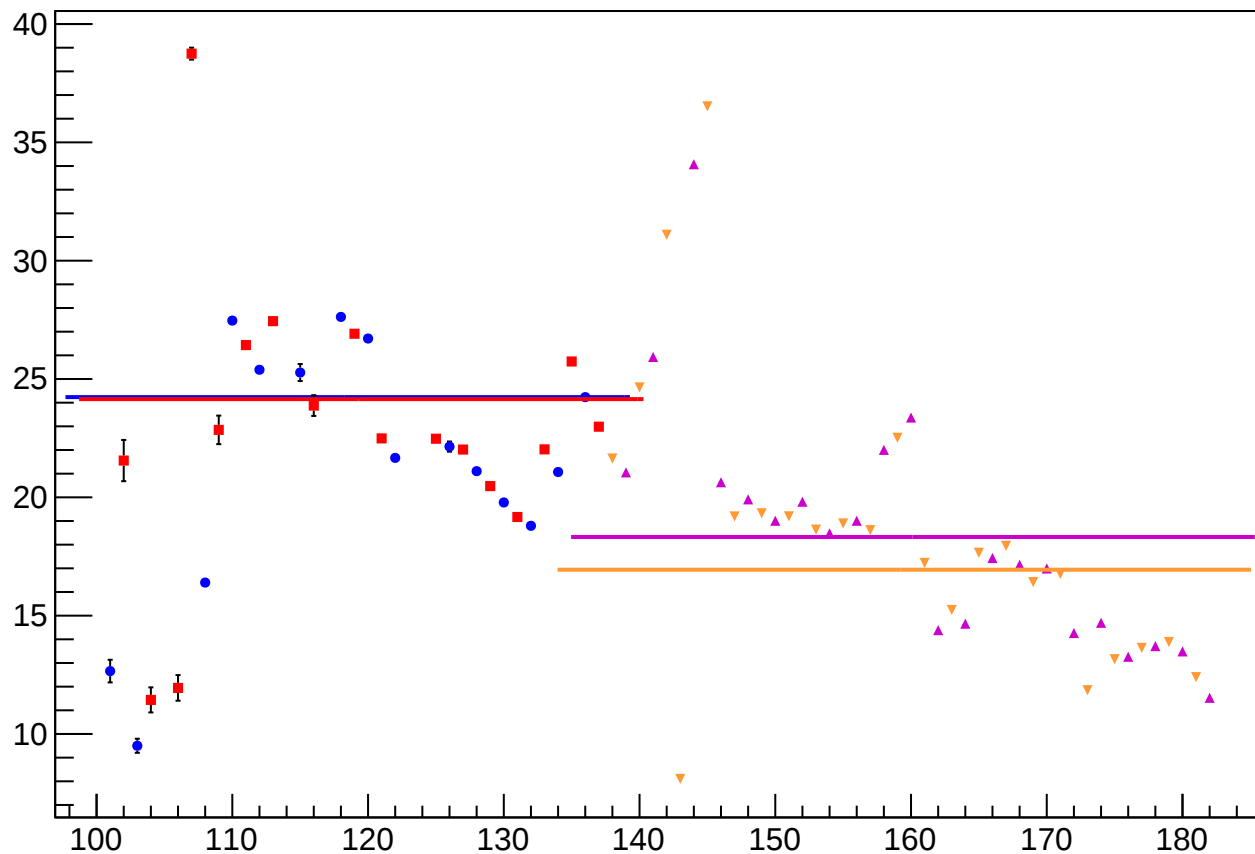
Right: -2.227±/0.012 χ^2/NDF : 41975.5/31

In: 2.851±/0.005 χ^2/NDF :416364.8/36

Out: 3.295±/0.007 χ^2/NDF :243154.0/39

All: 3.021±/0.004 χ^2/NDF : 662079.9/76

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 16.941 $\pm$ 0.007 χ^2 /NDF:177319.5/22

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 18.324 $\pm$ 0.007 χ^2 /NDF:231370.7/21

Left: 17.637 $\pm$ 0.005 χ^2 /NDF: 427235.4/44

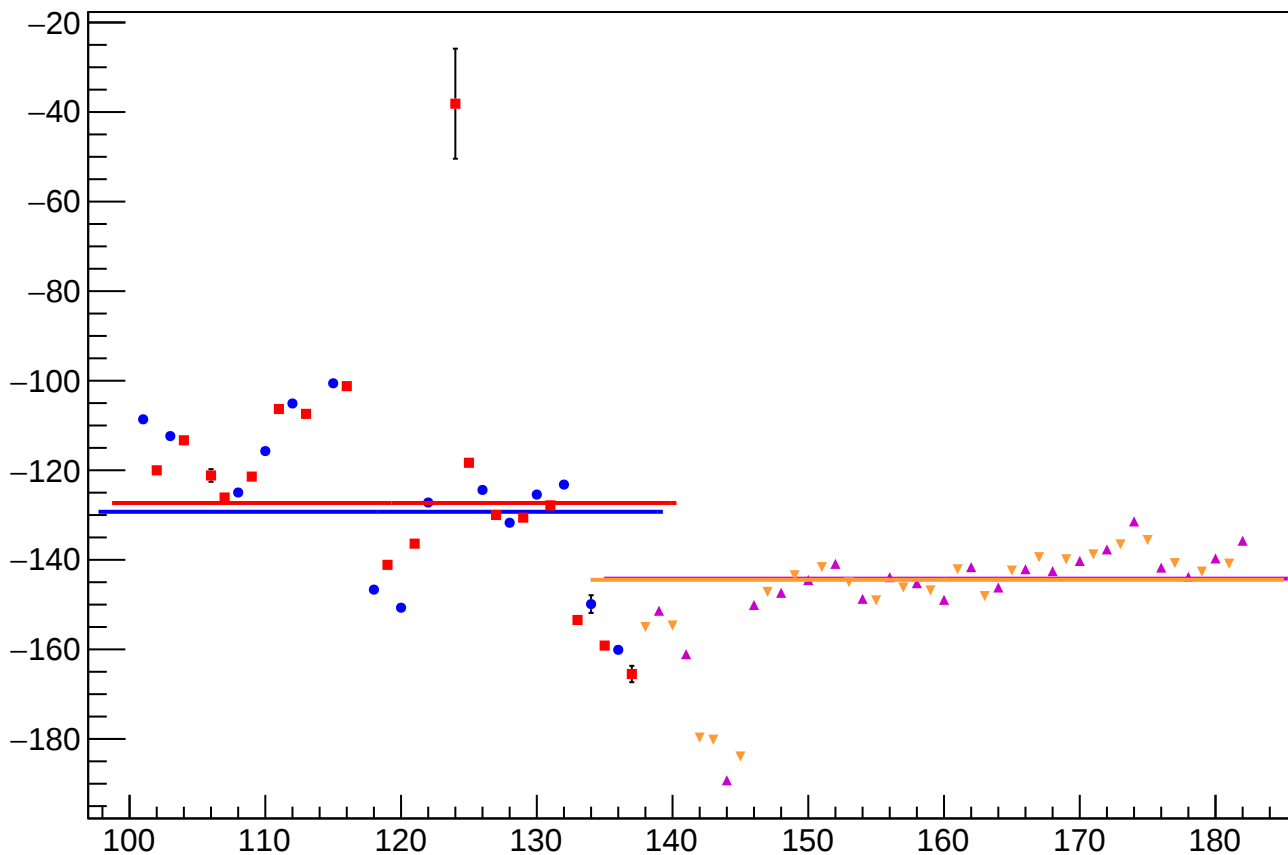
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 18.890 $\pm$ 0.007 χ^2 /NDF:318415.7/36

Out: 17.520 $\pm$ 0.007 χ^2 /NDF:271009.6/39

All: 18.214 $\pm$ 0.005 χ^2 /NDF: 609360.5/76

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -144.462 ± 0.042 χ^2/NDF : 42279.4/22

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -144.204 ± 0.045 χ^2/NDF : 34648.4/21

Left: -144.341 ± 0.031 χ^2/NDF : 76945.1/44

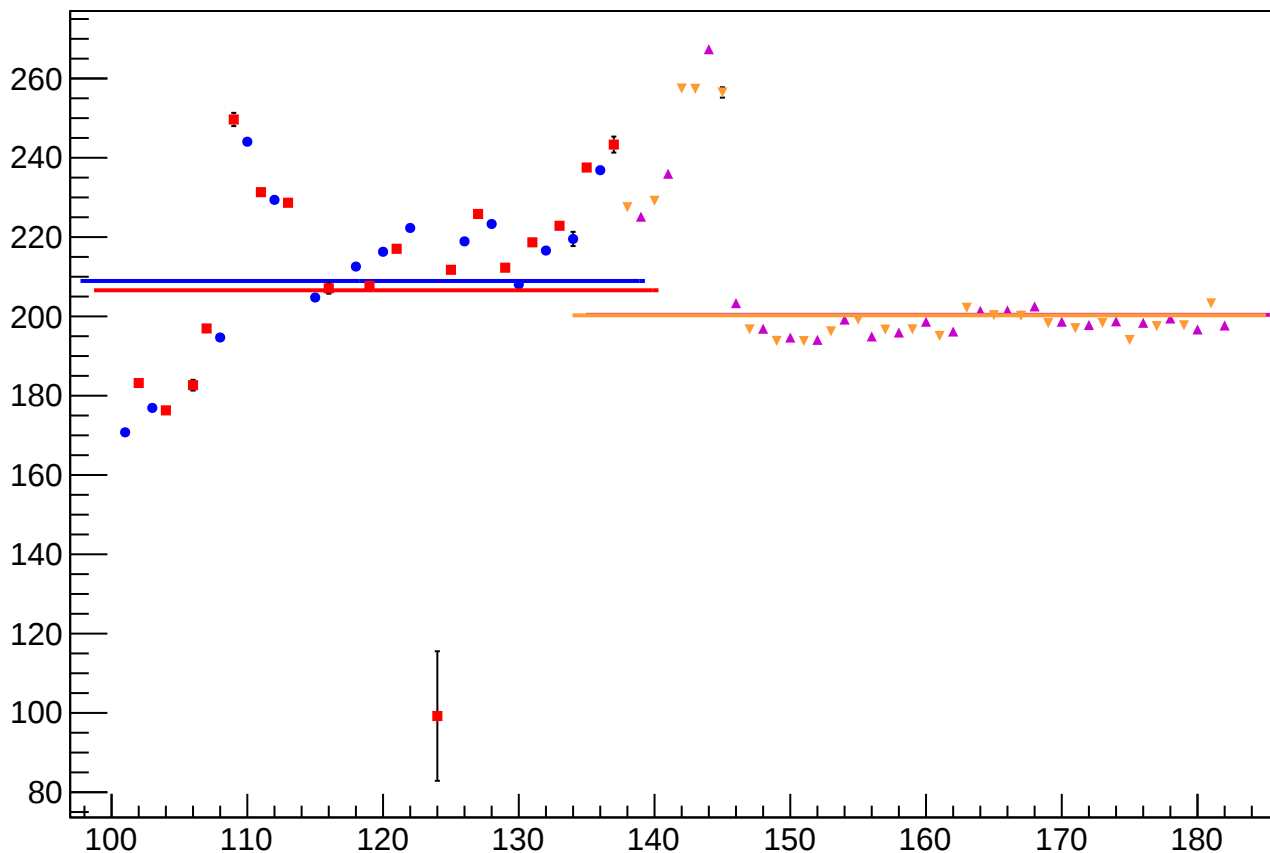
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.082 ± 0.040 χ^2/NDF : 92648.1/36

Out: -140.988 ± 0.038 χ^2/NDF : 104906.1/40

All: -141.032 ± 0.028 χ^2/NDF : 197557.1/77

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 200.273 $\pm$ 0.035 χ^2 /NDF:109203.1/22

Right Out: 206.581 $\pm$ 0.083 χ^2 /NDF: 48210.8/17

Left In: 200.391 $\pm$ 0.039 χ^2 /NDF:77911.2/21

Left: 200.326 $\pm$ 0.026 χ^2 /NDF: 187119.4/44

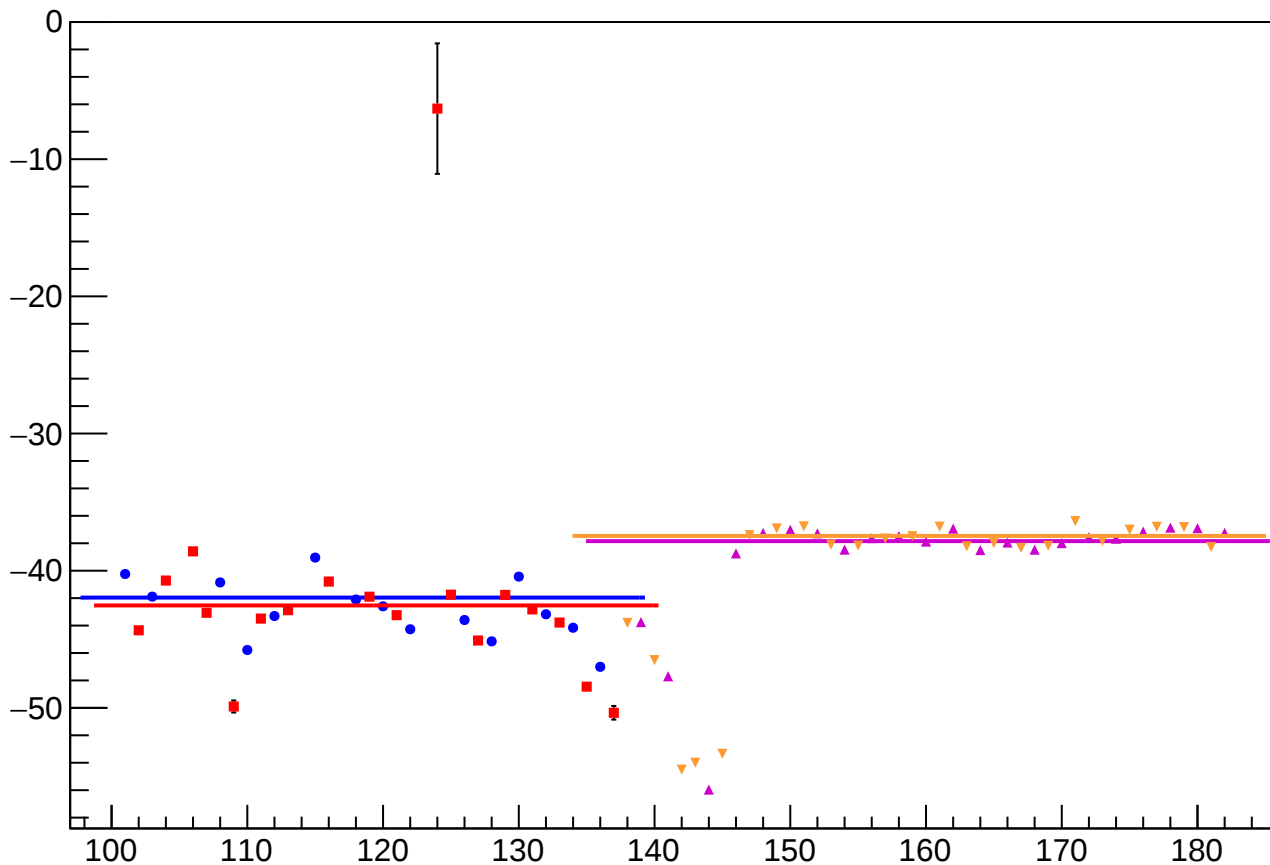
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 201.774 $\pm$ 0.036 χ^2 /NDF:130281.9/36

Out: 201.224 $\pm$ 0.032 χ^2 /NDF:162297.4/40

All: 201.470 $\pm$ 0.024 χ^2 /NDF: 292709.3/77

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.463 ± 0.004 $\chi^2/\text{NDF}: 231497.7/22$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -37.843 ± 0.004 $\chi^2/\text{NDF}: 142763.4/21$

Left: -37.630 ± 0.003 $\chi^2/\text{NDF}: 378709.8/44$

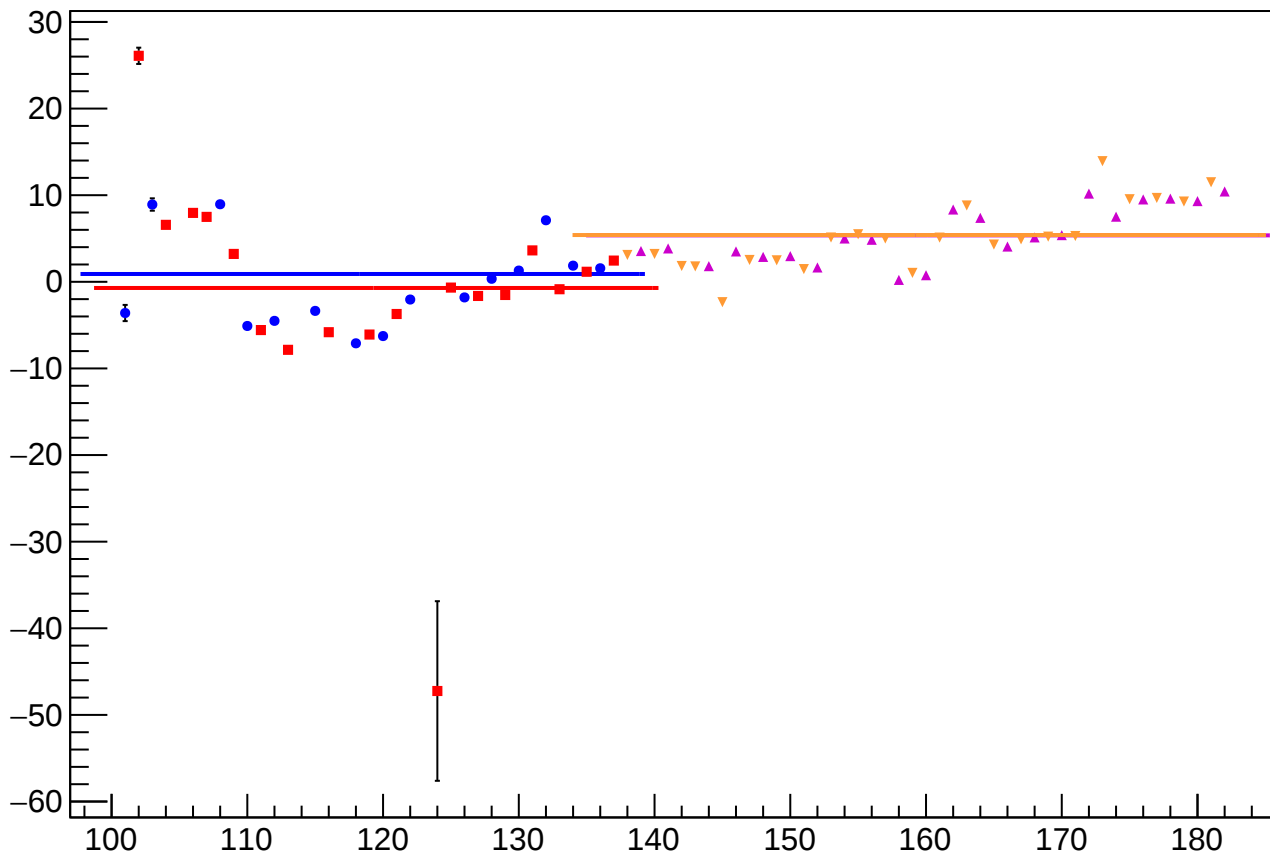
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.129 ± 0.004 $\chi^2/\text{NDF}: 231739.7/36$

Out: -37.627 ± 0.004 $\chi^2/\text{NDF}: 295916.1/40$

All: -37.852 ± 0.003 $\chi^2/\text{NDF}: 535870.4/77$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 5.400 ± 0.006 $\chi^2/\text{NDF}: 281655.8/22$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 5.362 ± 0.007 $\chi^2/\text{NDF}: 204323.5/21$

Left: 5.384 ± 0.004 $\chi^2/\text{NDF}: 485997.9/44$

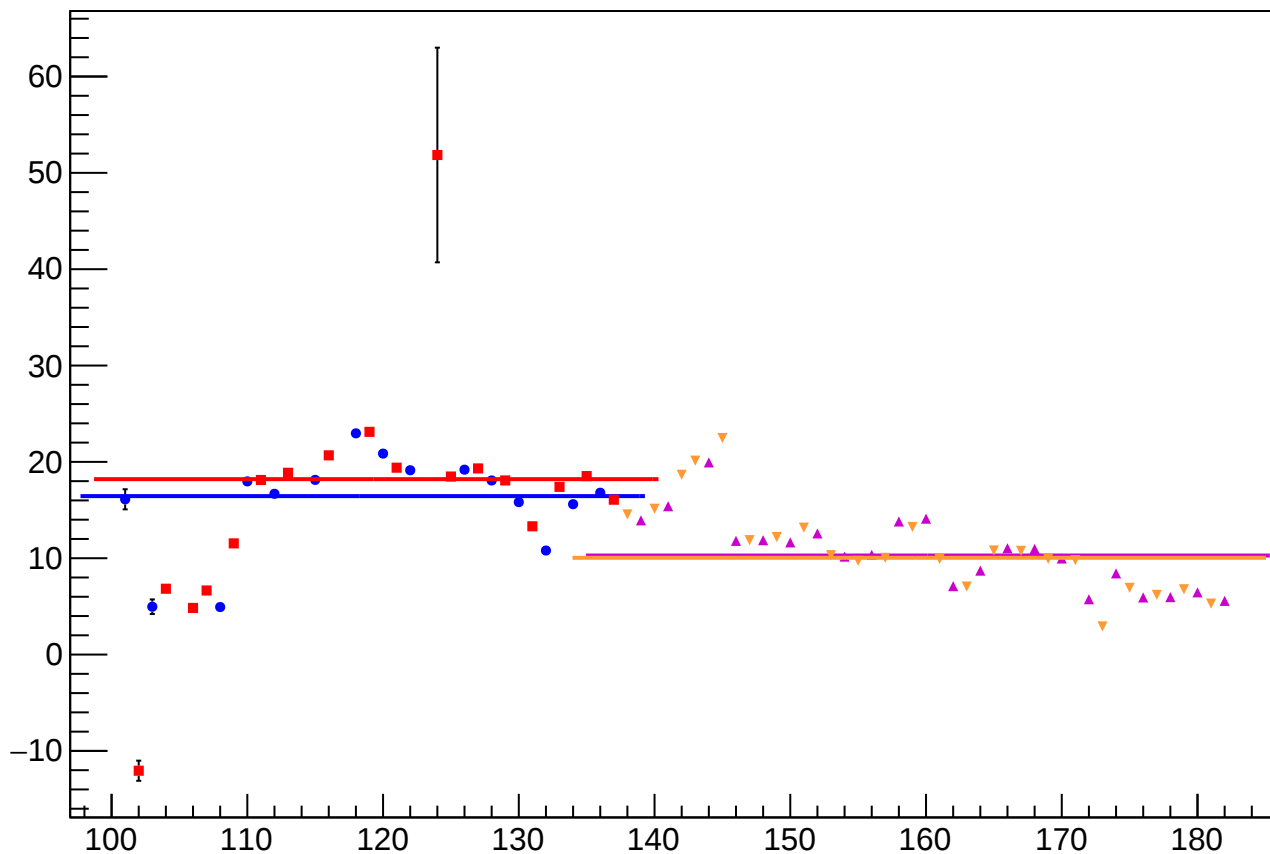
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 4.924 ± 0.006 $\chi^2/\text{NDF}: 270089.3/36$

Out: 5.074 ± 0.006 $\chi^2/\text{NDF}: 372244.3/40$

All: 5.007 ± 0.004 $\chi^2/\text{NDF}: 642651.7/77$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2/NDF : 14183.1/14

Left Out: 10.045 $\pm$ 0.007 χ^2/NDF :203234.6/22

Right Out: 18.207 $\pm$ 0.020 χ^2/NDF : 27493.7/17

Left In: 10.281 $\pm$ 0.008 χ^2/NDF :136056.9/21

Left: 10.150 $\pm$ 0.005 χ^2/NDF : 339759.4/44

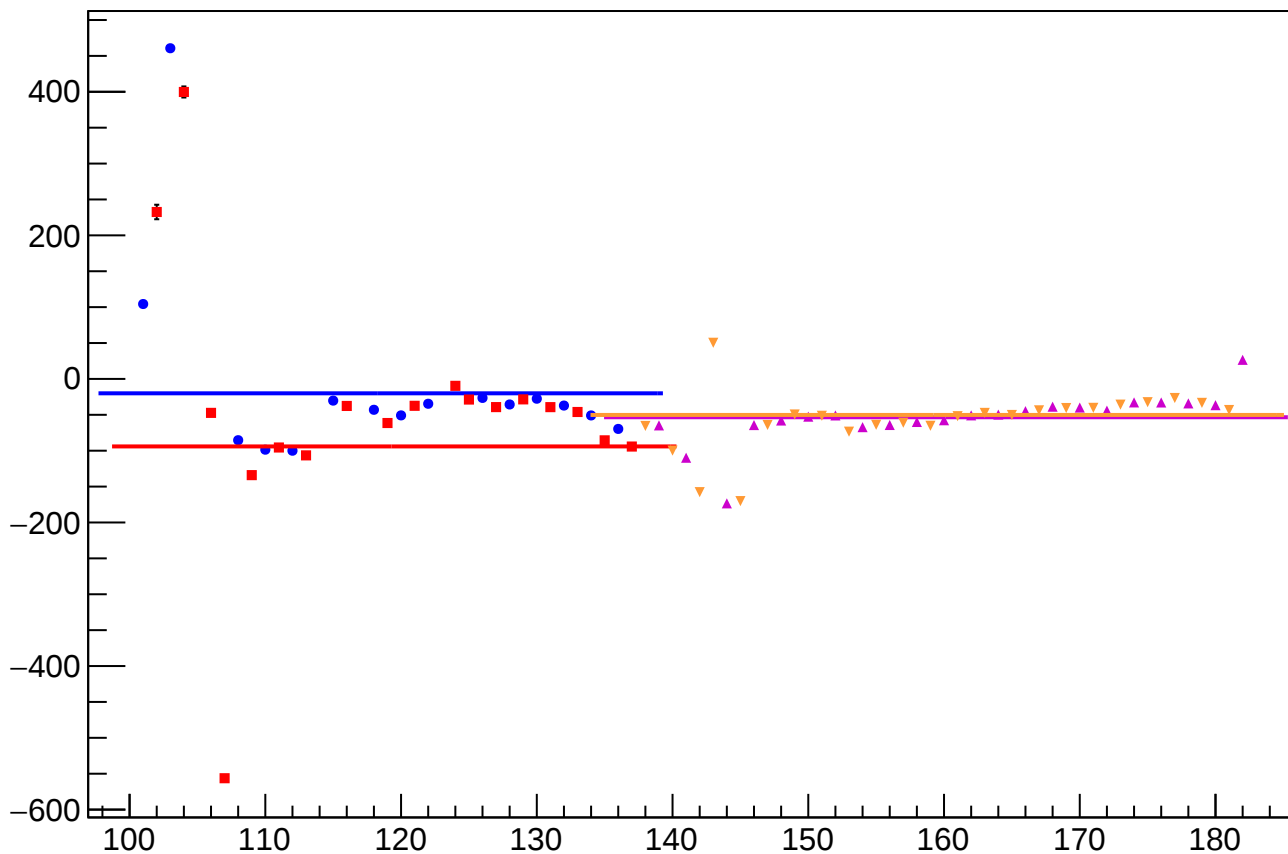
Right: 17.482 $\pm$ 0.016 χ^2/NDF : 44731.9/32

In: 10.896 $\pm$ 0.008 χ^2/NDF :207701.2/36

Out: 10.957 $\pm$ 0.007 χ^2/NDF :372463.1/40

All: 10.930 $\pm$ 0.005 χ^2/NDF : 580199.9/77

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059 ± 0.153 $\chi^2/\text{NDF}: 441461.8/14$

Left Out: -50.197 ± 0.090 $\chi^2/\text{NDF}: 59932.4/22$

Right Out: -94.050 ± 0.012 $\chi^2/\text{NDF}: 87487.7/17$

Left In: -53.399 ± 0.103 $\chi^2/\text{NDF}: 65526.4/21$

Left: -51.580 ± 0.068 $\chi^2/\text{NDF}: 126003.1/44$

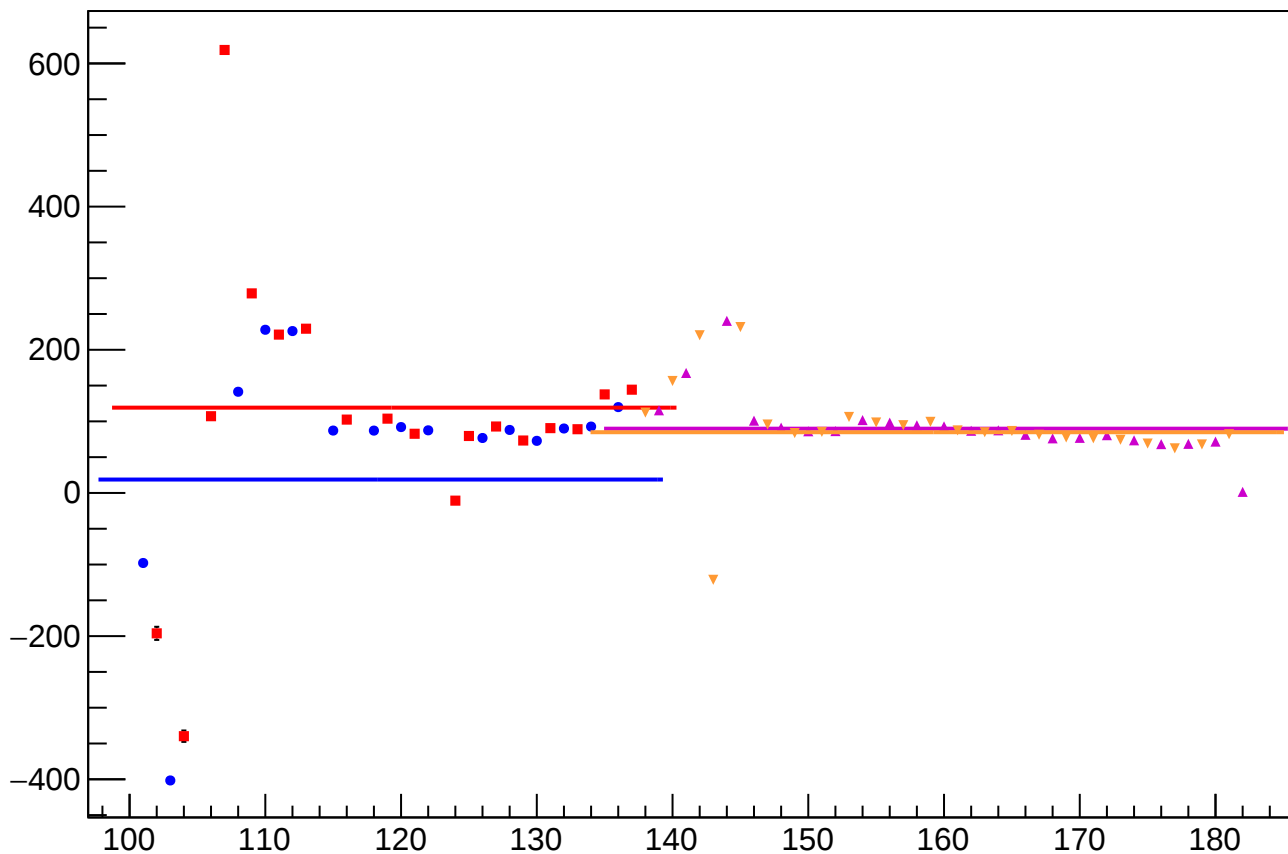
Right: -93.566 ± 0.012 $\chi^2/\text{NDF}: 760844.5/32$

In: -42.949 ± 0.086 $\chi^2/\text{NDF}: 539527.9/36$

Out: -93.233 ± 0.012 $\chi^2/\text{NDF}: 379323.9/40$

All: -92.216 ± 0.012 $\chi^2/\text{NDF}: 1255832.8/77$

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2/NDF : 1101803.8/14

Left Out: 84.837 $\pm$ 0.080 χ^2/NDF : 179065.3/22

Right Out: 119.167 $\pm$ 0.199 χ^2/NDF : 87450.0/17

Left In: 89.782 $\pm$ 0.090 χ^2/NDF : 88983.3/21

Left: 87.003 $\pm$ 0.060 χ^2/NDF : 269738.7/44

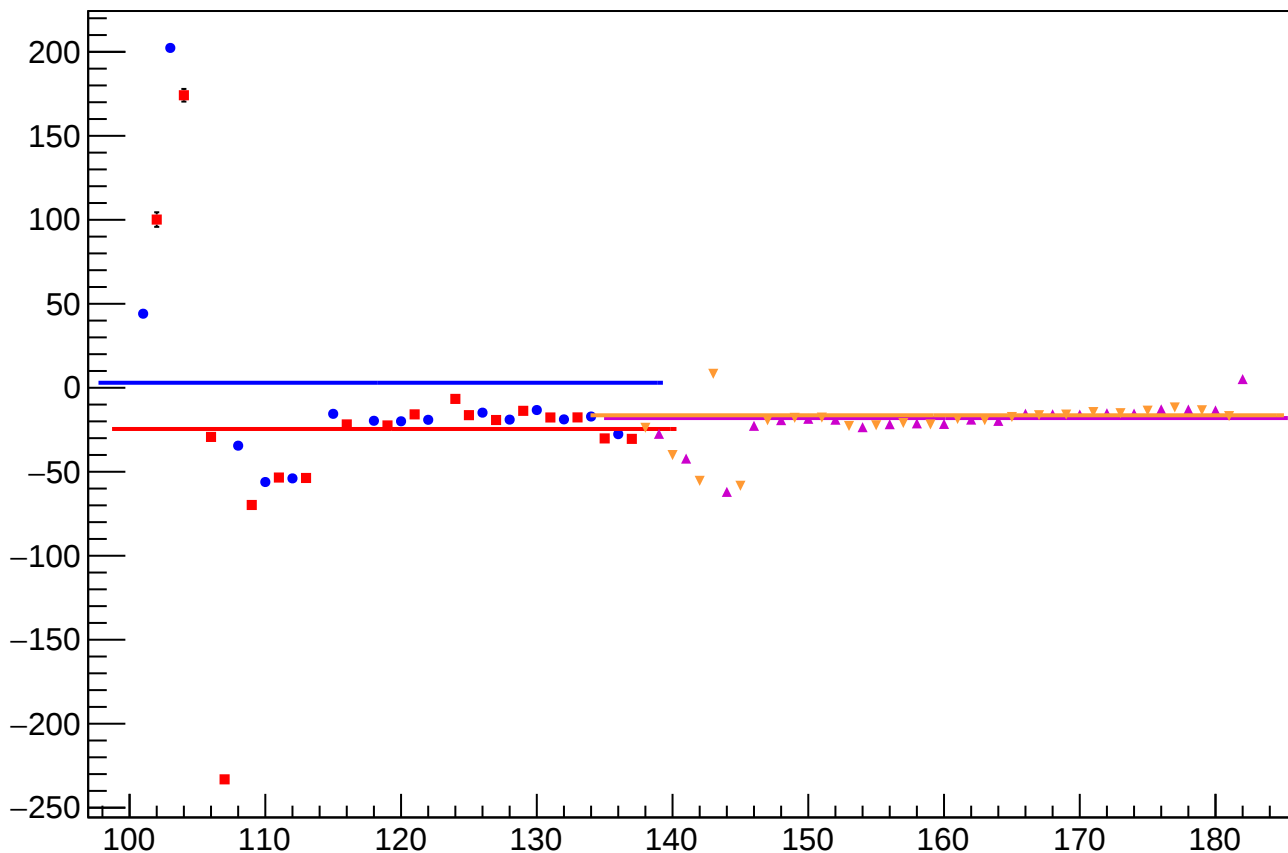
Right: 55.701 $\pm$ 0.121 χ^2/NDF : 1349806.5/32

In: 71.300 $\pm$ 0.078 χ^2/NDF : 1352286.5/36

Out: 89.562 $\pm$ 0.074 χ^2/NDF : 292115.4/40

All: 80.870 $\pm$ 0.054 χ^2/NDF : 1673452.4/77

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -16.375 ± 0.011 χ^2/NDF : 580654.7/22

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -18.032 ± 0.012 χ^2/NDF : 224020.6/21

Left: -17.105 ± 0.008 χ^2/NDF : 814976.8/44

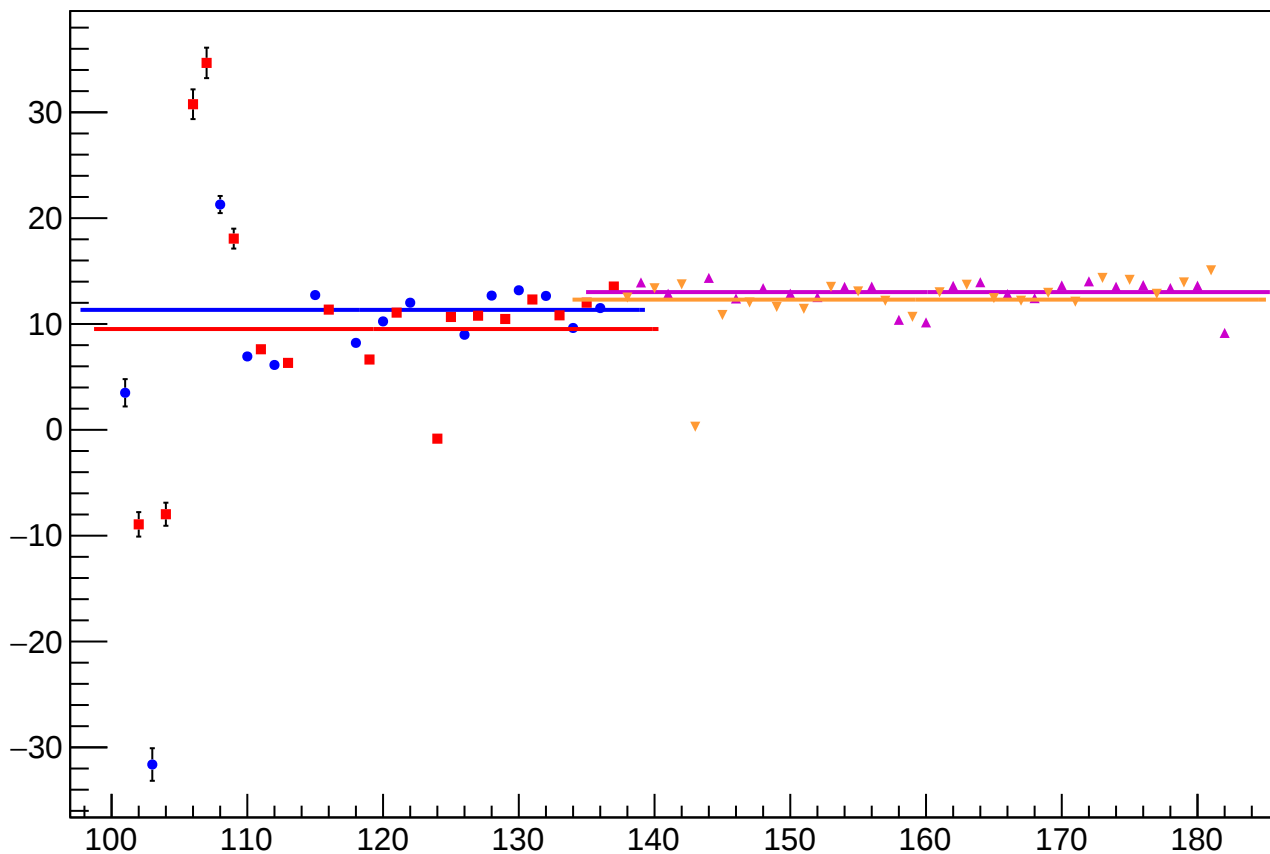
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -14.435 ± 0.011 χ^2/NDF : 4227586.4/36

Out: -16.849 ± 0.011 χ^2/NDF : 790077.3/40

All: -15.710 ± 0.008 χ^2/NDF : 5042533.1/77

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 12.302 $\pm$ 0.014 χ^2 /NDF:34867.4/22

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.014 $\pm$ 0.011 χ^2 /NDF:7990.5/21

Left: 12.733 $\pm$ 0.009 χ^2 /NDF: 44423.3/44

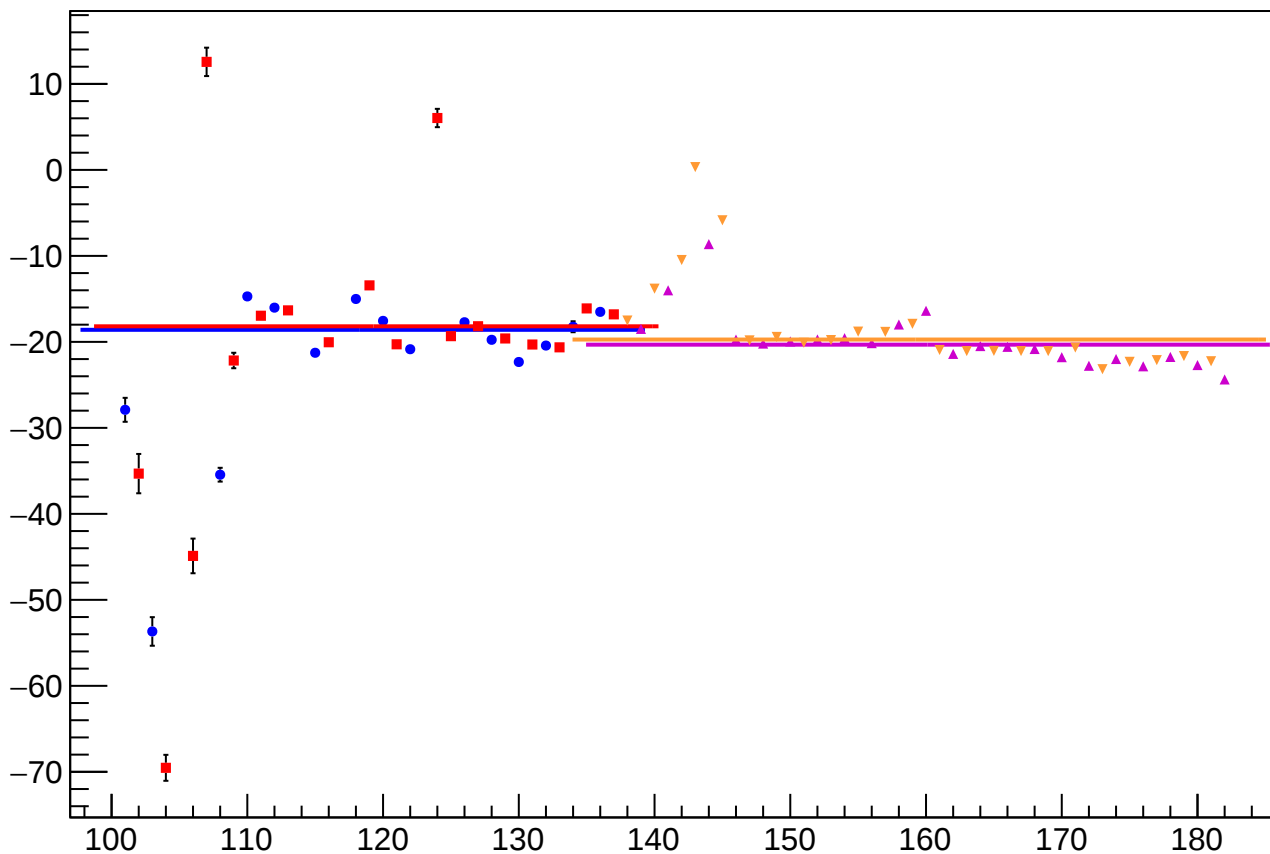
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.873 $\pm$ 0.011 χ^2 /NDF:12248.1/36

Out: 12.085 $\pm$ 0.013 χ^2 /NDF:42021.0/40

All: 12.563 $\pm$ 0.008 χ^2 /NDF: 56358.2/77

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -19.727 ± 0.015 $\chi^2/\text{NDF}: 65472.6/22$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -20.324 ± 0.015 $\chi^2/\text{NDF}: 19325.6/21$

Left: -20.025 ± 0.011 $\chi^2/\text{NDF}: 85567.7/44$

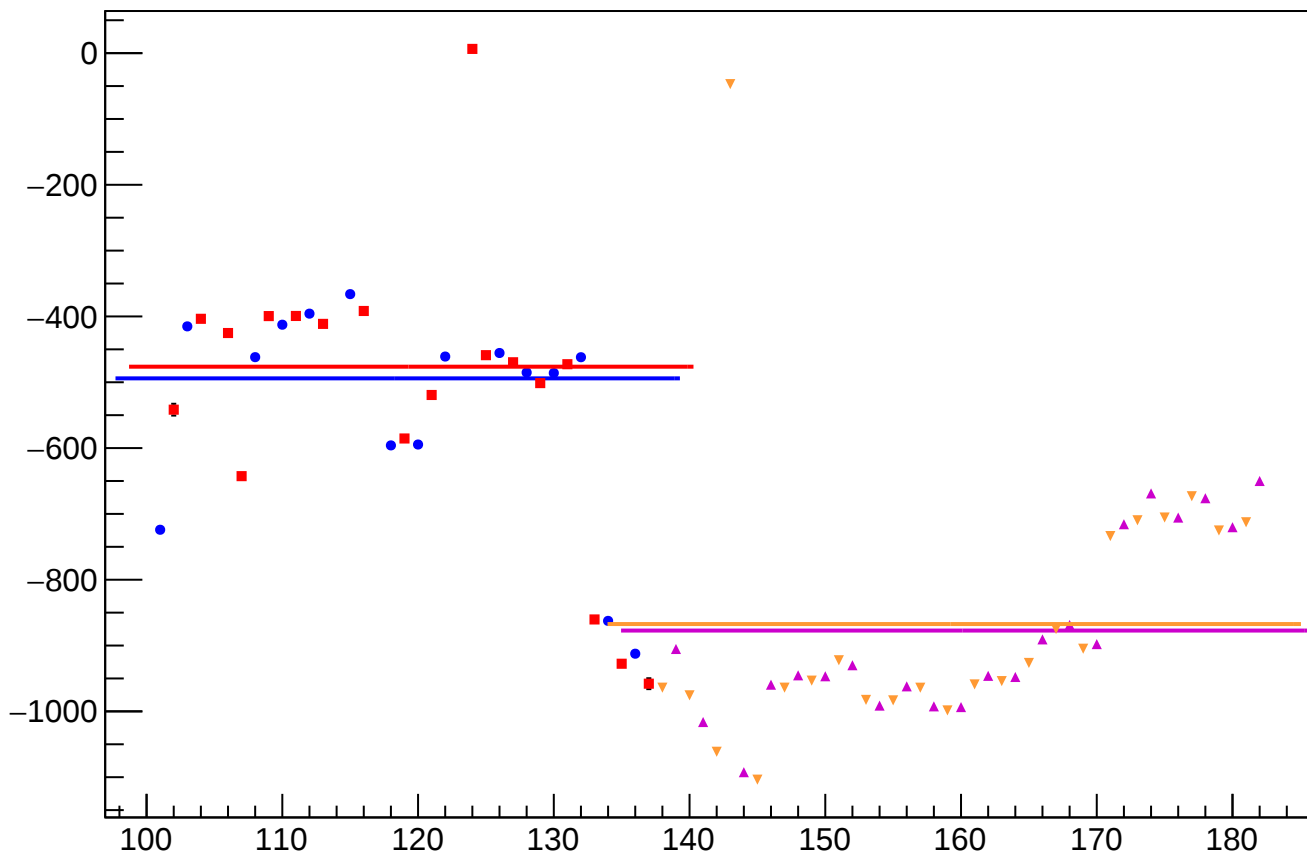
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -20.076 ± 0.014 $\chi^2/\text{NDF}: 27364.0/36$

Out: -19.595 ± 0.015 $\chi^2/\text{NDF}: 71237.7/40$

All: -19.843 ± 0.010 $\chi^2/\text{NDF}: 99168.0/77$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 $\pm$ 0.232 χ^2 /NDF: 325996.5/14

Left Out: -867.340 $\pm$ 0.149 χ^2 /NDF: 871831.4/22

Right Out: -476.348 $\pm$ 0.185 χ^2 /NDF: 594116.3/17

Left In: -877.228 $\pm$ 0.148 χ^2 /NDF: 727582.6/21

Left: -872.310 $\pm$ 0.105 χ^2 /NDF: 1601623.0/44

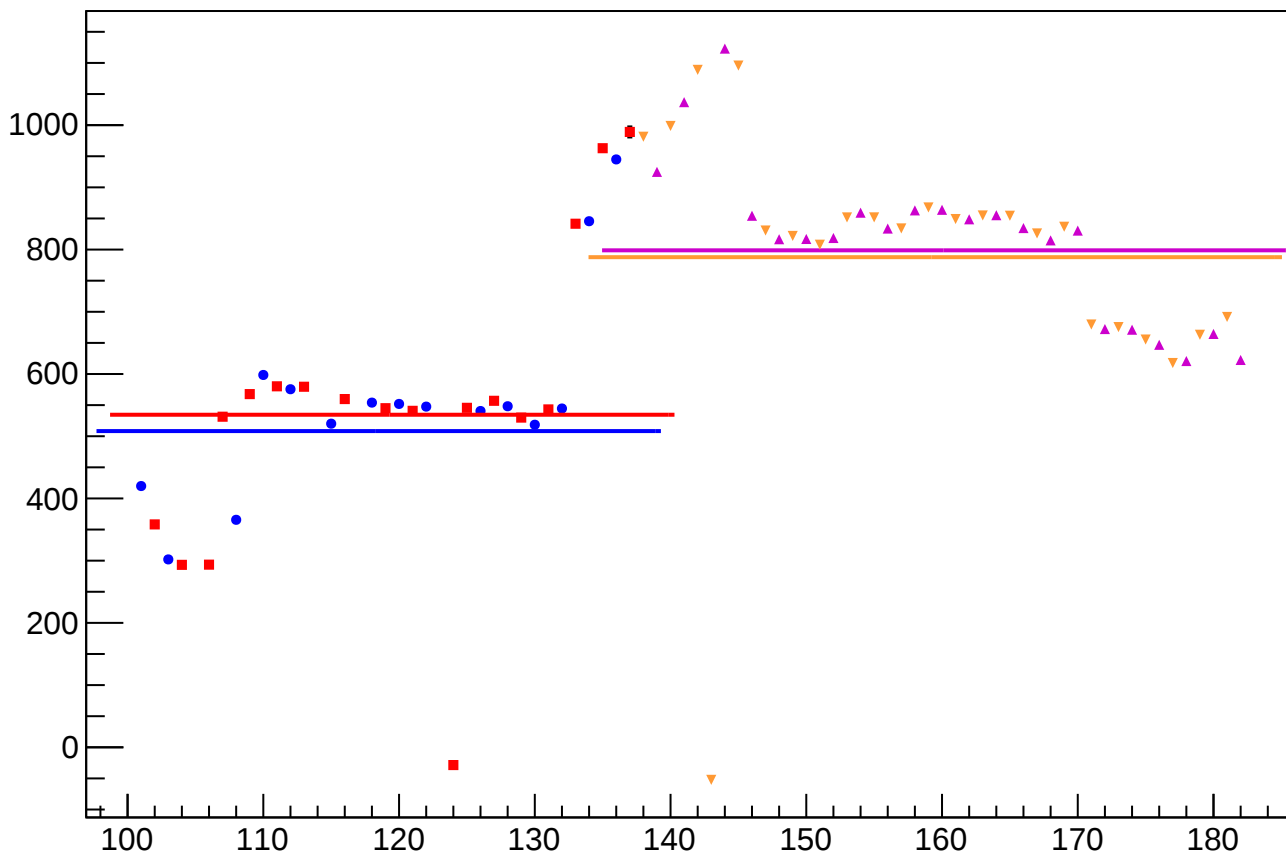
Right: -483.243 $\pm$ 0.145 χ^2 /NDF: 923680.3/32

In: -766.090 $\pm$ 0.125 χ^2 /NDF: 2988241.8/36

Out: -713.462 $\pm$ 0.116 χ^2 /NDF: 4171027.9/40

All: -737.844 $\pm$ 0.085 χ^2 /NDF: 7254405.3/77

dit_atl2_4eX_slope vs Slug, Sign Corrected



Left: 793.238 +/- 0.087 χ^2/NDF : 1440075.6/44

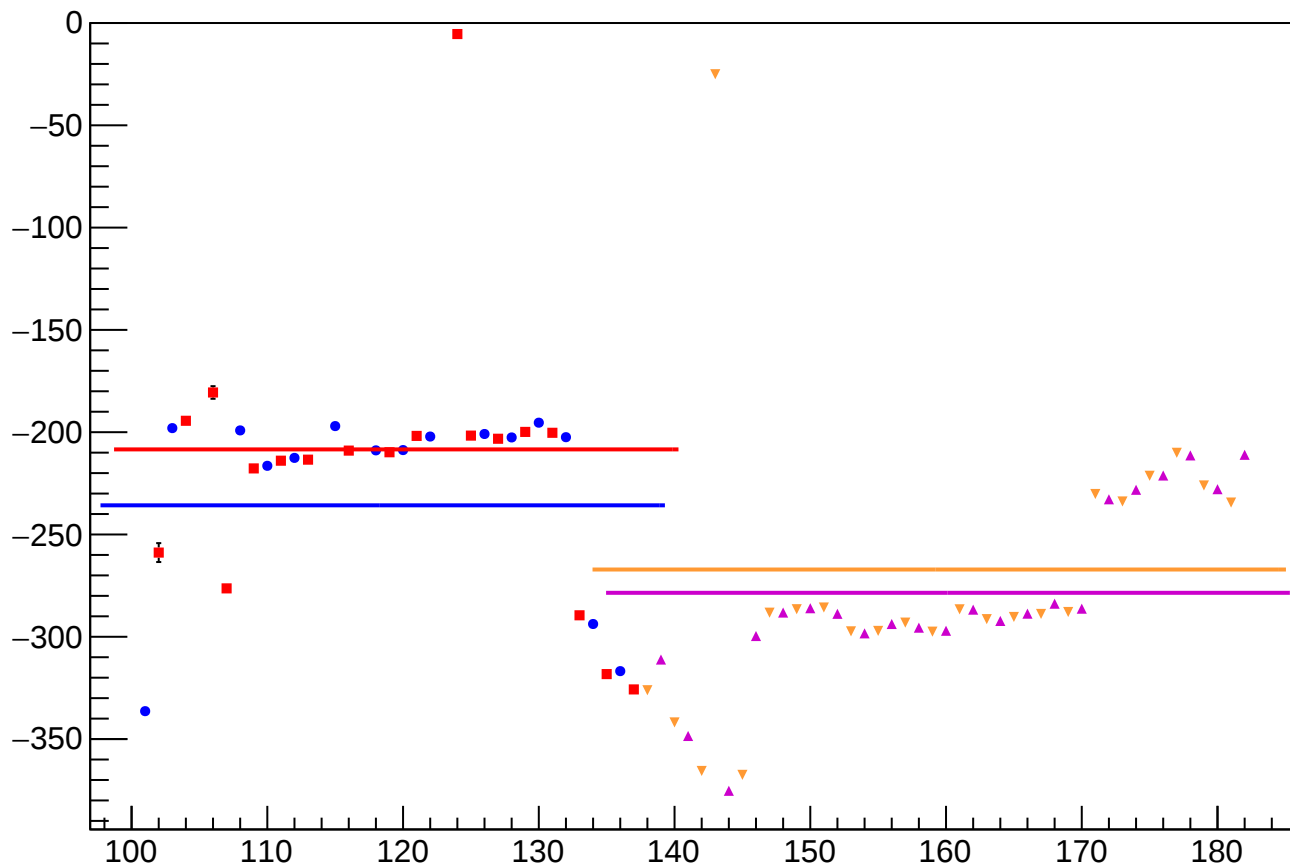
Right: 521.671 +/- 0.155 χ^2/NDF : 814918.8/32

In: 729.312 +/- 0.108 χ^2/NDF : 2354037.8/36

Out: 726.181 +/- 0.107 χ^2/NDF : 2225796.3/40

All: 727.728 +/- 0.076 χ^2/NDF : 4580256.5/77

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 $\pm$ 0.055 χ^2 /NDF: 876219.5/14

Left Out: -267.124 $\pm$ 0.022 χ^2 /NDF: 7164577.2/22

Right Out: -208.413 $\pm$ 0.047 χ^2 /NDF: 375009.3/17

Left In: -278.511 $\pm$ 0.022 χ^2 /NDF: 2178245.5/21

Left: -272.782 $\pm$ 0.016 χ^2 /NDF: 9473093.8/44

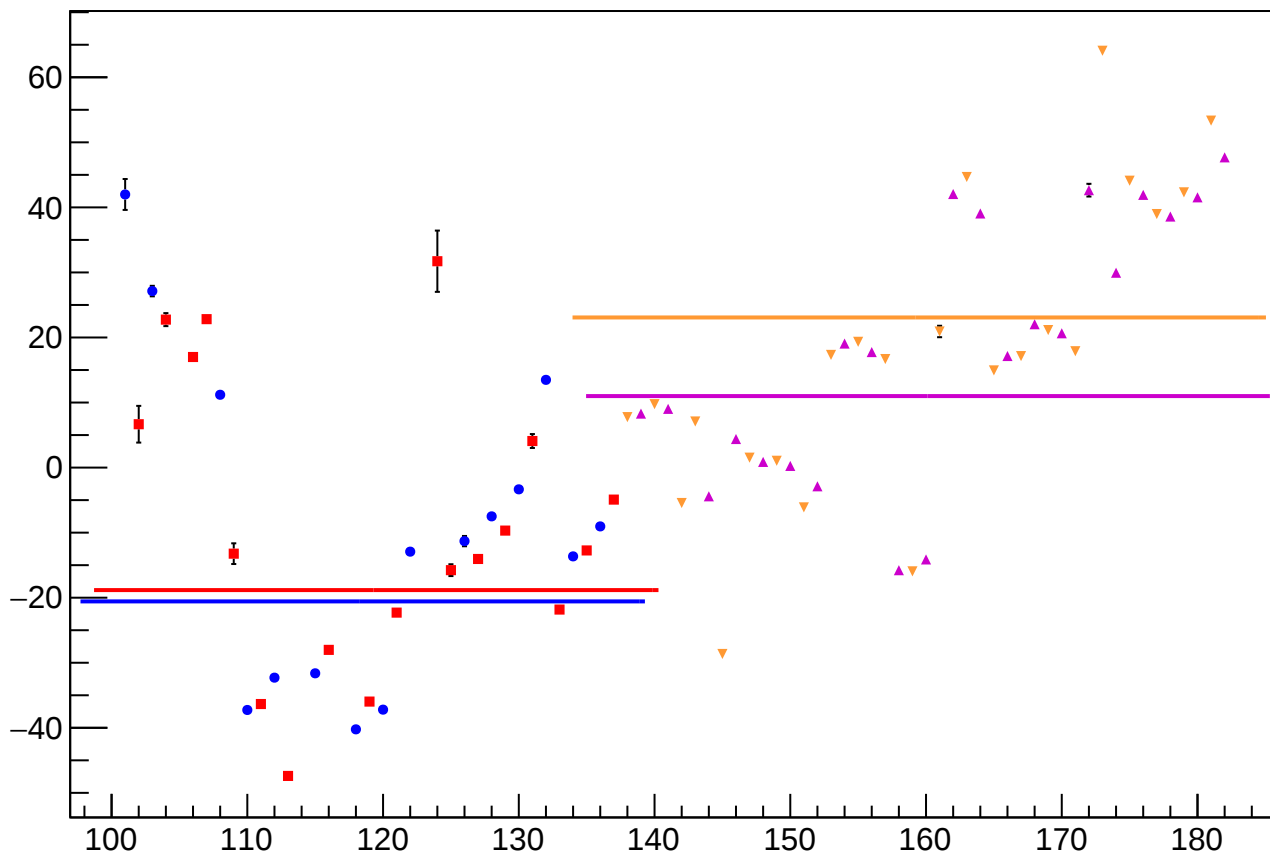
Right: -219.823 $\pm$ 0.036 χ^2 /NDF: 1393978.3/32

In: -272.480 $\pm$ 0.021 χ^2 /NDF: 3569515.3/36

Out: -256.287 $\pm$ 0.020 χ^2 /NDF: 8825930.7/40

All: -264.123 $\pm$ 0.014 χ^2 /NDF: 12710056.2/77

dit_atl2_4aY_slope vs Slug, Sign Corrected



Left: 16.562 ± 0.013 χ^2/NDF : 2457017.7/44

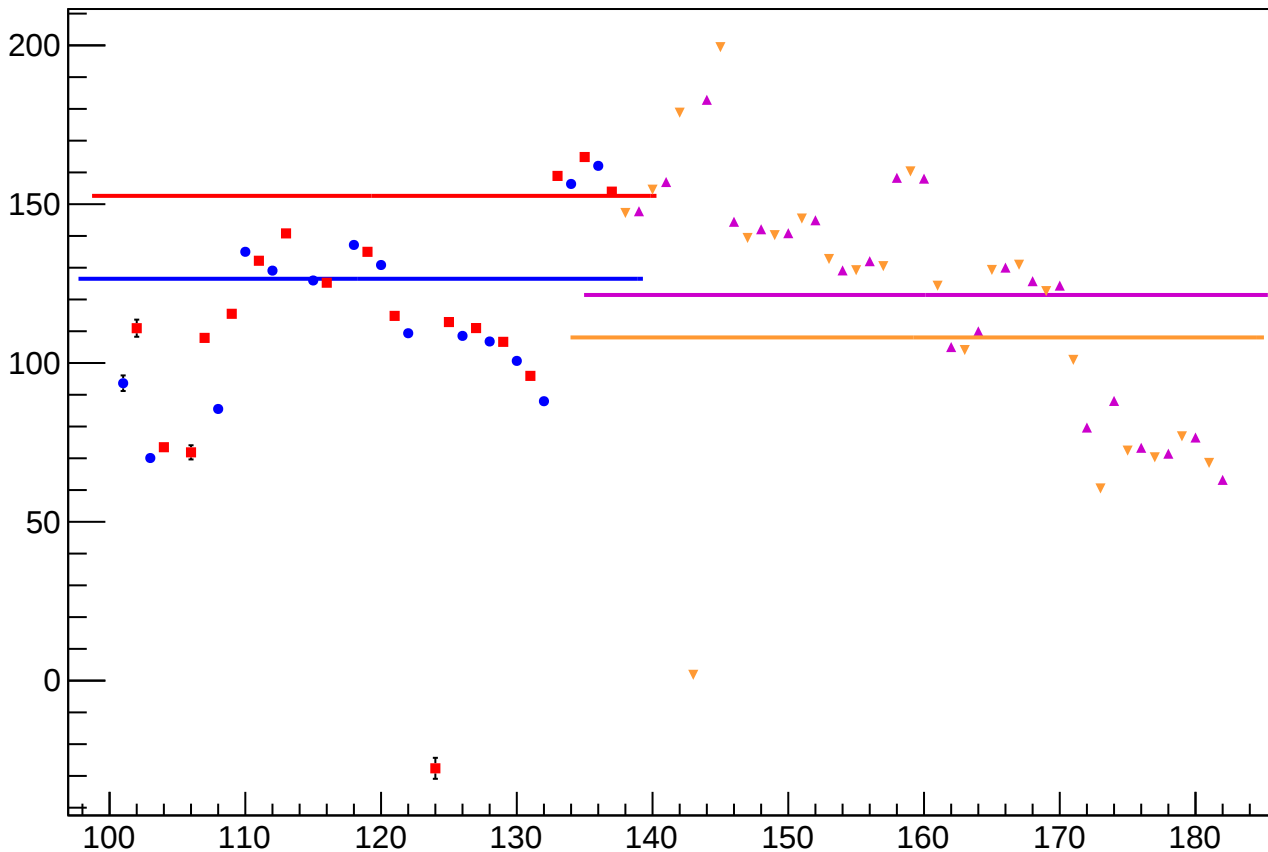
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: 9.042 ± 0.018 χ^2/NDF : 1488324.8/36

Out: 21.714 ± 0.019 χ^2/NDF : 1181601.4/40

All: 14.785 ± 0.013 χ^2/NDF : 2901209.7/77

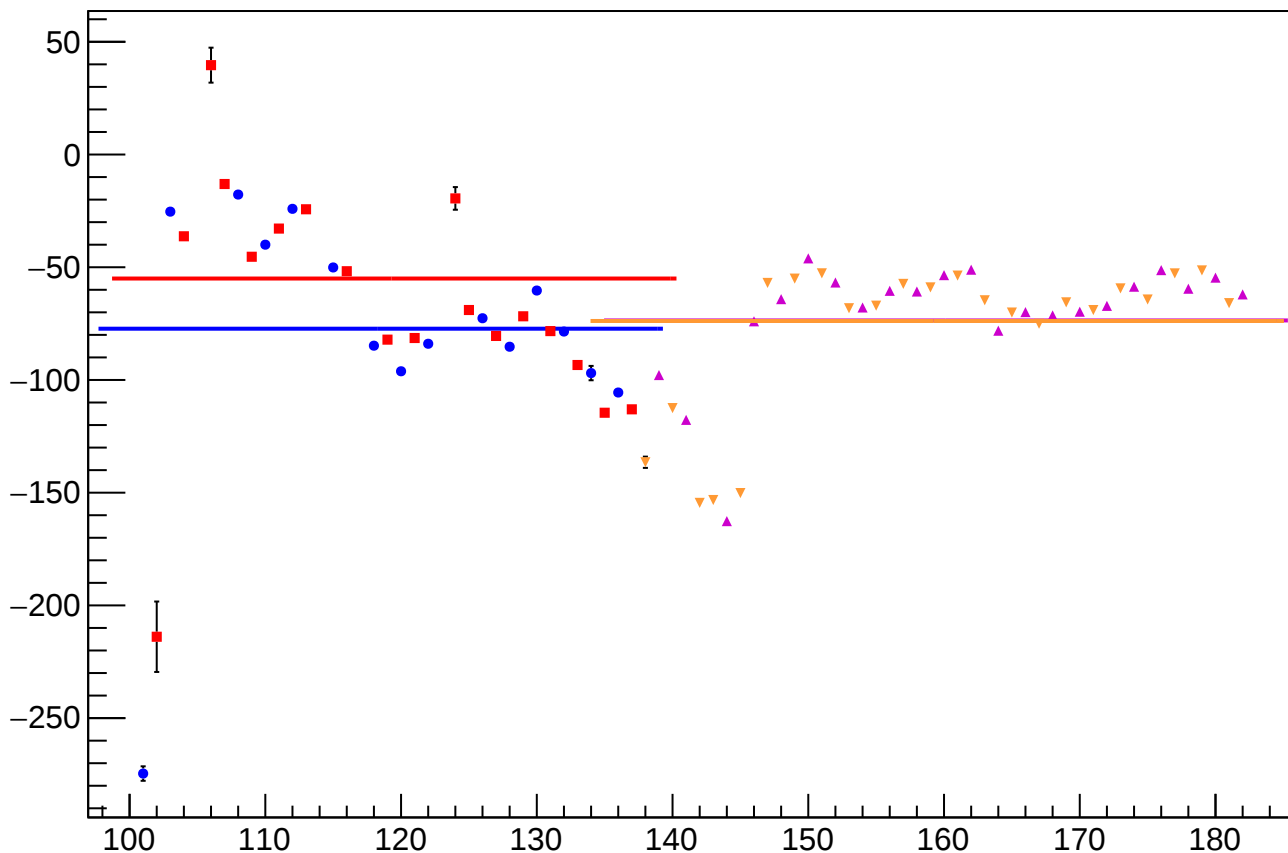
dit_atl2_4eY_slope vs Slug, Sign Corrected



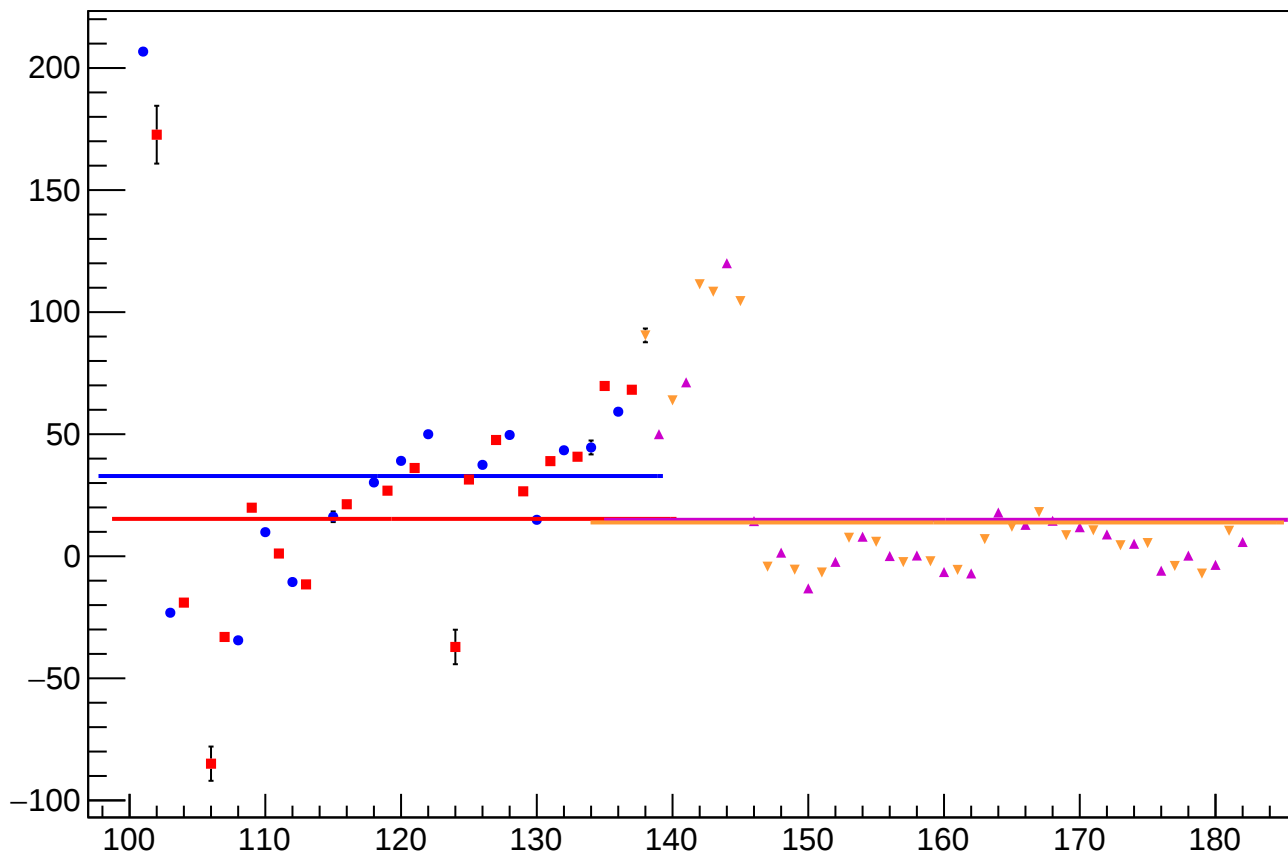
Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14
 Left Out: 108.049 $\pm$ 0.024 χ^2 /NDF:1807267.5/22
 Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17
 Left In: 121.421 $\pm$ 0.024 χ^2 /NDF:1539711.8/21

Left: 114.738 $\pm$ 0.017 χ^2 /NDF: 3497574.1/44
 Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32
 In: 121.816 $\pm$ 0.023 χ^2 /NDF:1658075.4/36
 Out: 125.522 $\pm$ 0.019 χ^2 /NDF:3192408.1/40
 All: 124.049 $\pm$ 0.015 χ^2 /NDF: 4865600.7/77

dit_atr1_4aX_slope vs Slug, Sign Corrected



dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2/NDF : 31393.7/14

Left Out: 13.842 $\pm$ 0.100 χ^2/NDF : 96215.6/22

Right Out: 15.309 $\pm$ 0.210 χ^2/NDF : 16746.0/17

Left In: 14.934 $\pm$ 0.098 χ^2/NDF : 96635.9/21

Left: 14.395 $\pm$ 0.070 χ^2/NDF : 192912.4/44

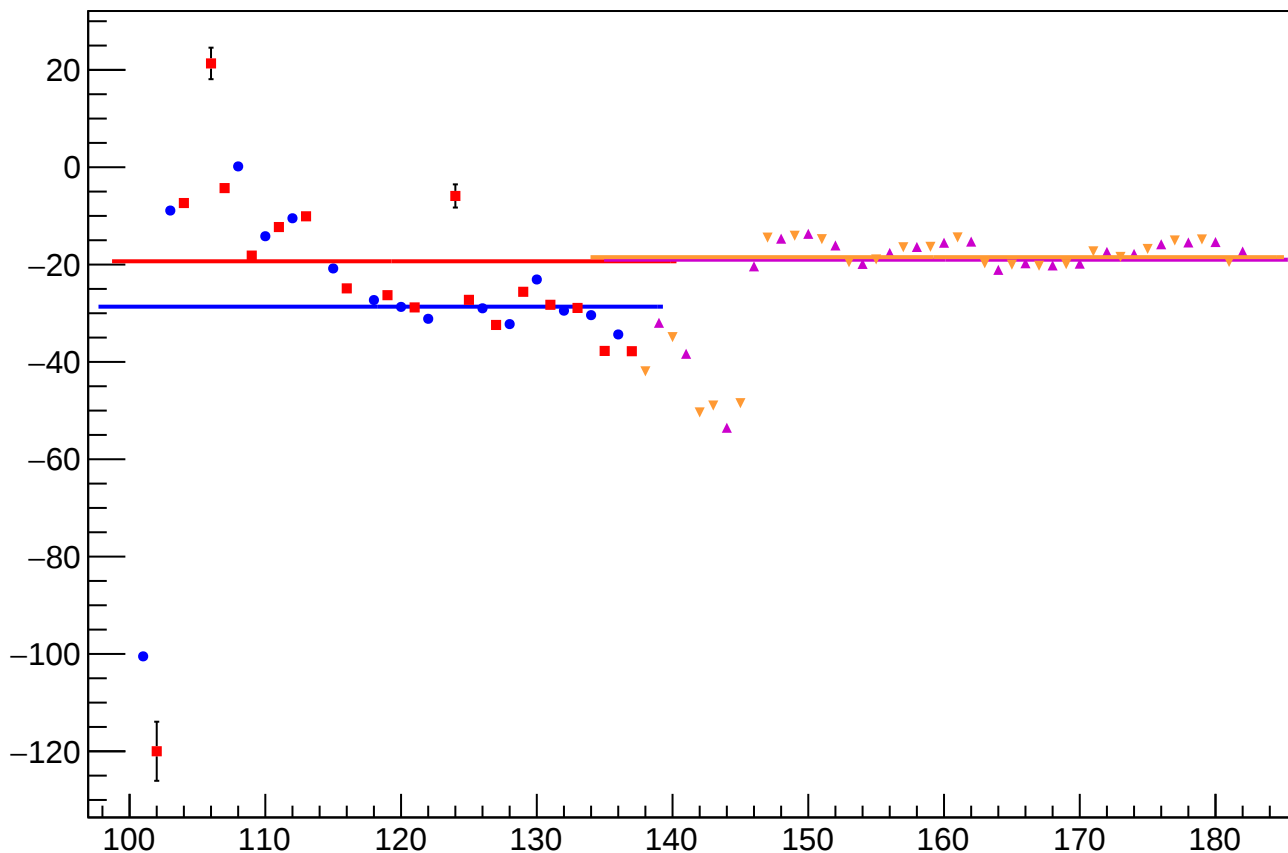
Right: 27.134 $\pm$ 0.120 χ^2/NDF : 52862.9/32

In: 20.529 $\pm$ 0.082 χ^2/NDF : 138409.5/36

Out: 14.112 $\pm$ 0.090 χ^2/NDF : 113001.5/40

All: 17.633 $\pm$ 0.060 χ^2/NDF : 254205.3/77

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -18.476 ± 0.013 $\chi^2/\text{NDF}: 233211.2/22$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -19.000 ± 0.014 $\chi^2/\text{NDF}: 206987.0/21$

Left: -18.720 ± 0.010 $\chi^2/\text{NDF}: 440938.2/44$

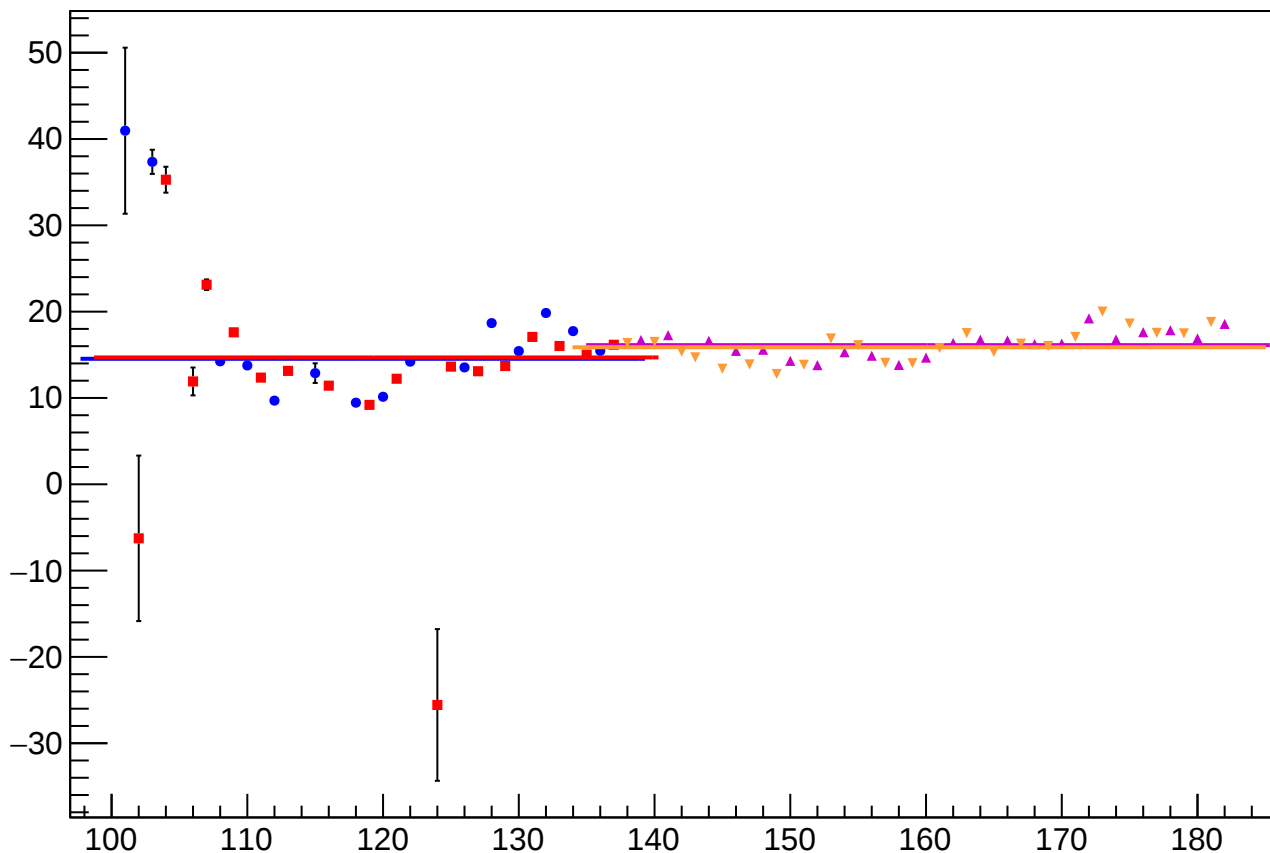
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -20.392 ± 0.013 $\chi^2/\text{NDF}: 388263.3/36$

Out: -18.562 ± 0.012 $\chi^2/\text{NDF}: 290208.1/40$

All: -19.437 ± 0.009 $\chi^2/\text{NDF}: 688786.9/77$

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.873+/-0.014 χ^2/NDF :12855.1/22

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 16.120+/-0.013 χ^2/NDF :11947.1/21

Left: 16.008+/-0.009 χ^2/NDF : 24975.5/44

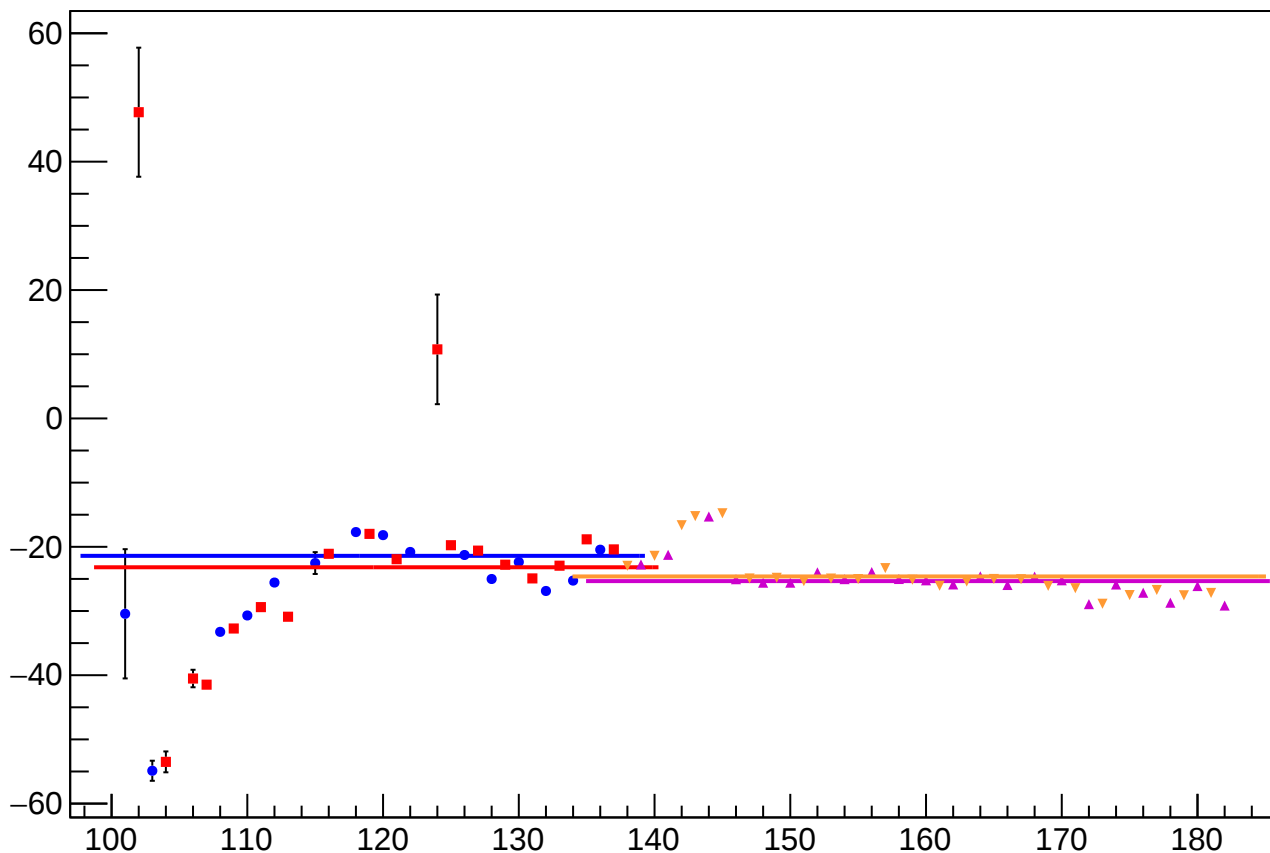
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 15.878+/-0.012 χ^2/NDF :26403.4/36

Out: 15.764+/-0.013 χ^2/NDF :15152.9/40

All: 15.828+/-0.009 χ^2/NDF : 41598.6/77

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 $\pm$ 0.036 χ^2 /NDF: 9686.6/14

Left Out: -24.615 $\pm$ 0.016 χ^2 /NDF:43515.8/22

Right Out: -23.186 $\pm$ 0.051 χ^2 /NDF: 9126.8/17

Left In: -25.341 $\pm$ 0.016 χ^2 /NDF:16732.1/21

Left: -24.983 $\pm$ 0.011 χ^2 /NDF: 61278.7/44

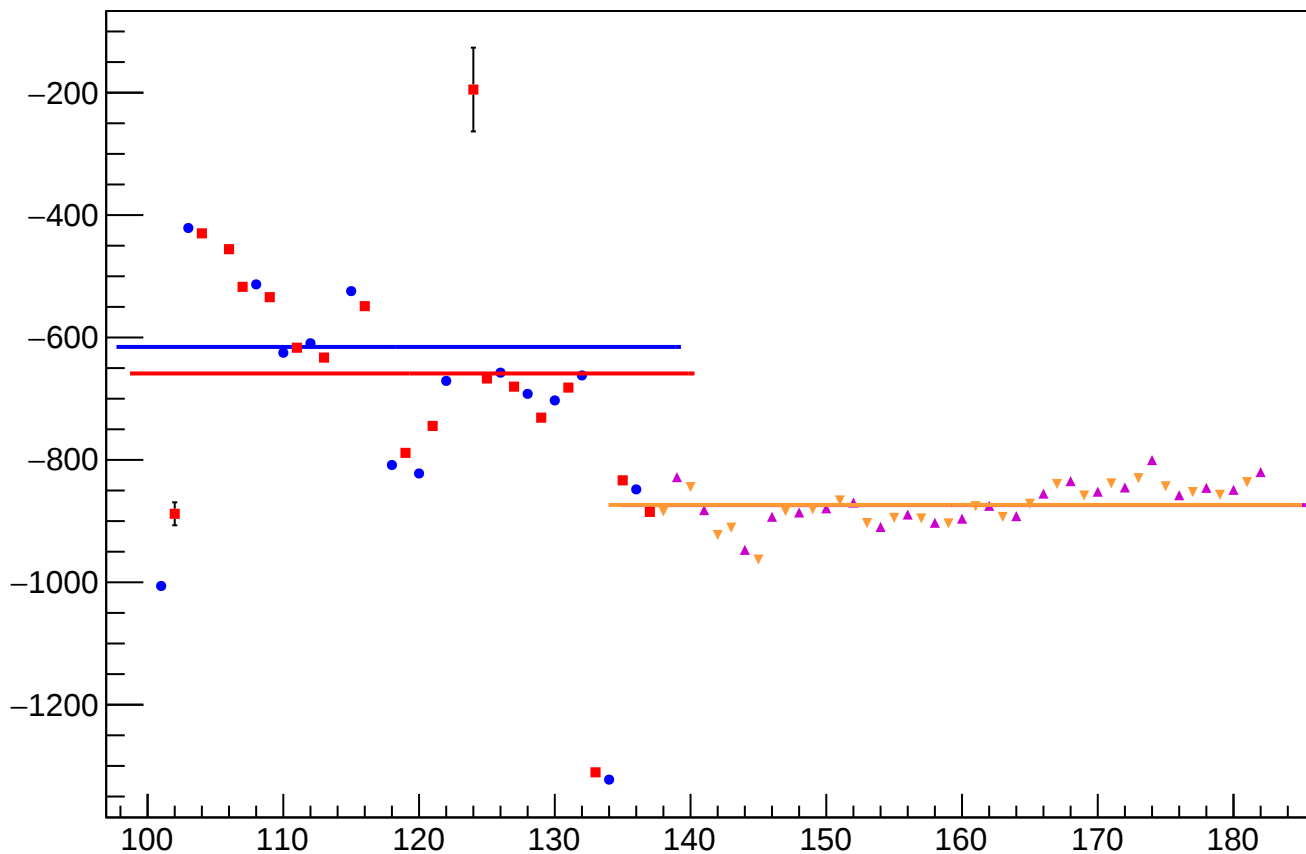
Right: -21.987 $\pm$ 0.029 χ^2 /NDF: 19630.5/32

In: -24.686 $\pm$ 0.015 χ^2 /NDF:36621.0/36

Out: -24.486 $\pm$ 0.015 χ^2 /NDF:53353.4/40

All: -24.592 $\pm$ 0.011 χ^2 /NDF: 90064.8/77

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -873.539+/-0.132 χ^2/NDF : 44357.4/22

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -873.838+/-0.123 χ^2/NDF : 58157.1/21

Left: -873.698+/-0.090 χ^2/NDF : 102517.3/44

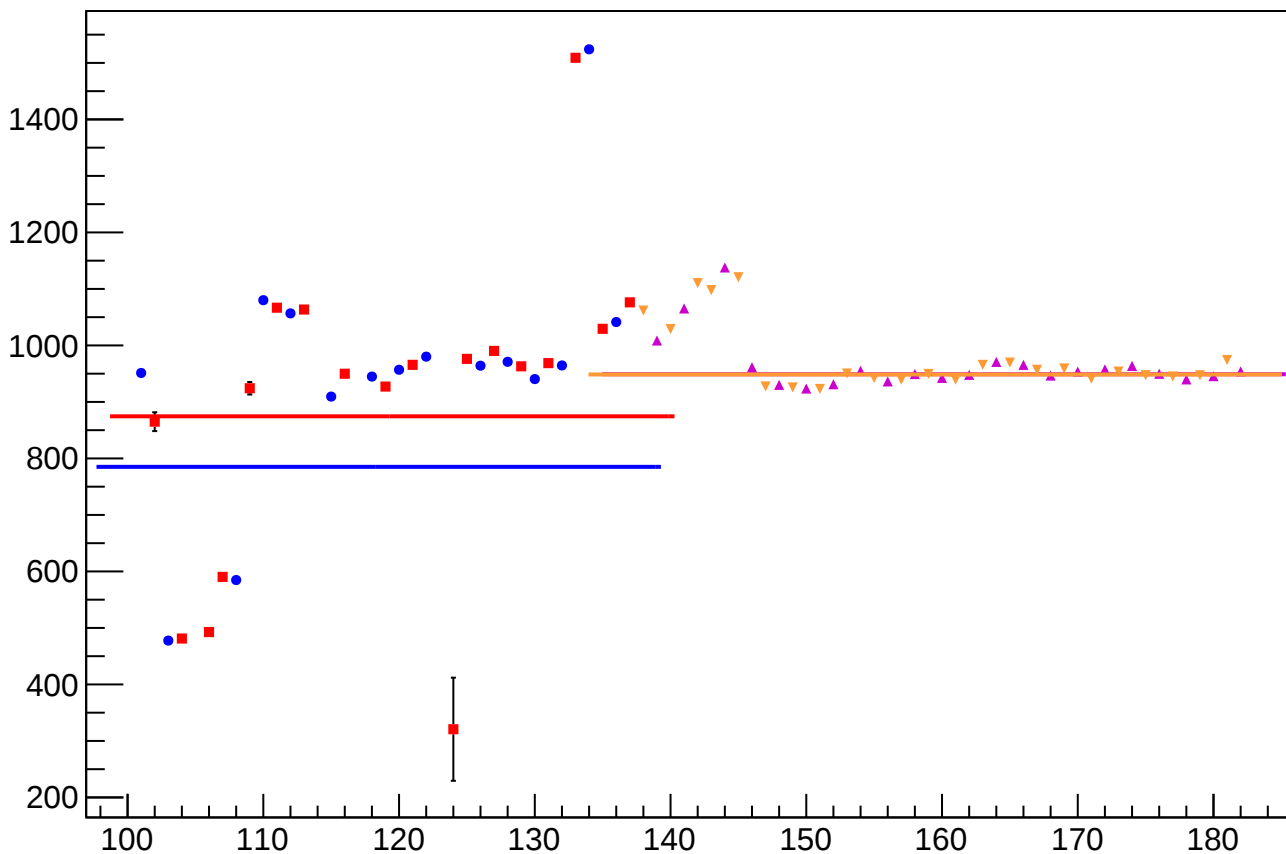
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -818.924+/-0.110 χ^2/NDF : 1372507.4/36

Out: -828.525+/-0.117 χ^2/NDF : 984539.4/40

All: -823.394+/-0.080 χ^2/NDF : 2360624.6/77

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095 $\pm$ 0.228 χ^2/NDF : 886147.1/14

Left Out: 948.567 $\pm$ 0.104 χ^2/NDF : 73236.6/22

Right Out: 874.516 $\pm$ 0.261 χ^2/NDF : 842565.5/17

Left In: 949.002 $\pm$ 0.103 χ^2/NDF : 76834.8/21

Left: 948.788 $\pm$ 0.073 χ^2/NDF : 150080.3/44

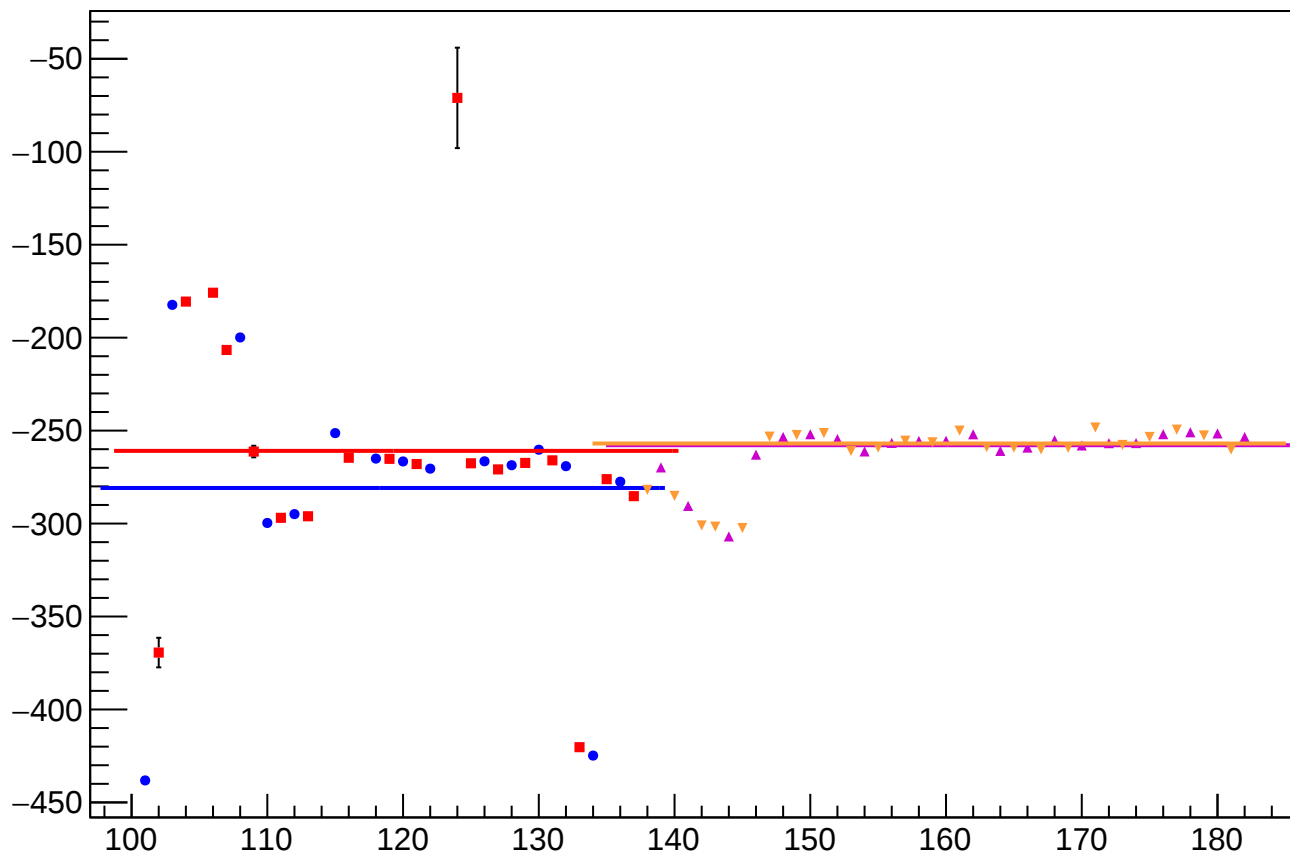
Right: 823.762 $\pm$ 0.172 χ^2/NDF : 1795202.4/32

In: 921.452 $\pm$ 0.093 χ^2/NDF : 1392770.6/36

Out: 938.425 $\pm$ 0.097 χ^2/NDF : 985135.6/40

All: 929.653 $\pm$ 0.067 χ^2/NDF : 2393831.8/77

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -256.928 ± 0.019 $\chi^2/\text{NDF}: 184217.0/22$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -257.861 ± 0.019 $\chi^2/\text{NDF}: 208410.1/21$

Left: -257.411 ± 0.013 $\chi^2/\text{NDF}: 393835.2/44$

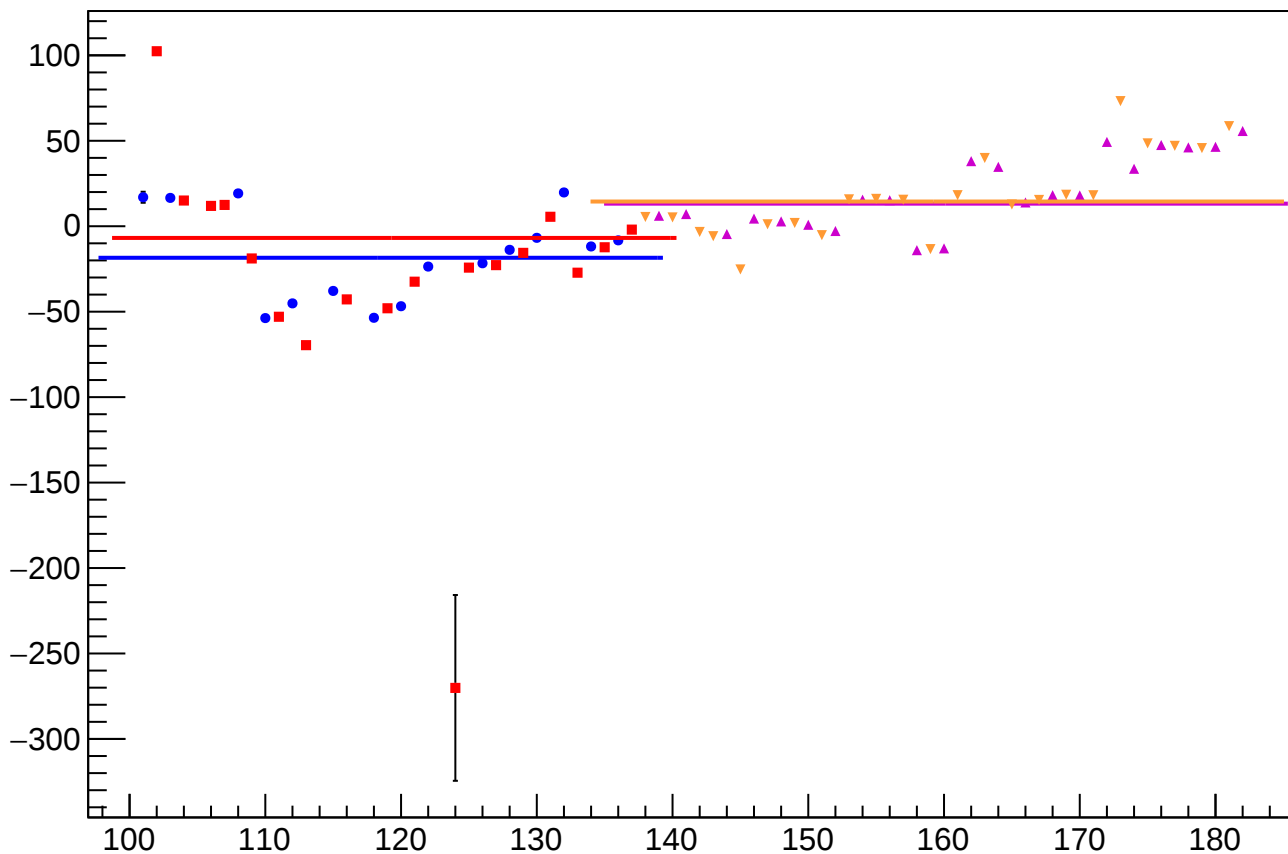
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -259.982 ± 0.018 $\chi^2/\text{NDF}: 1222120.4/36$

Out: -257.228 ± 0.019 $\chi^2/\text{NDF}: 535125.4/40$

All: -258.665 ± 0.013 $\chi^2/\text{NDF}: 1768725.6/77$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 14.457 ± 0.020 $\chi^2/\text{NDF}: 826882.0/22$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 13.211 ± 0.019 $\chi^2/\text{NDF}: 1012156.9/21$

Left: 13.799 ± 0.014 $\chi^2/\text{NDF}: 1841114.9/44$

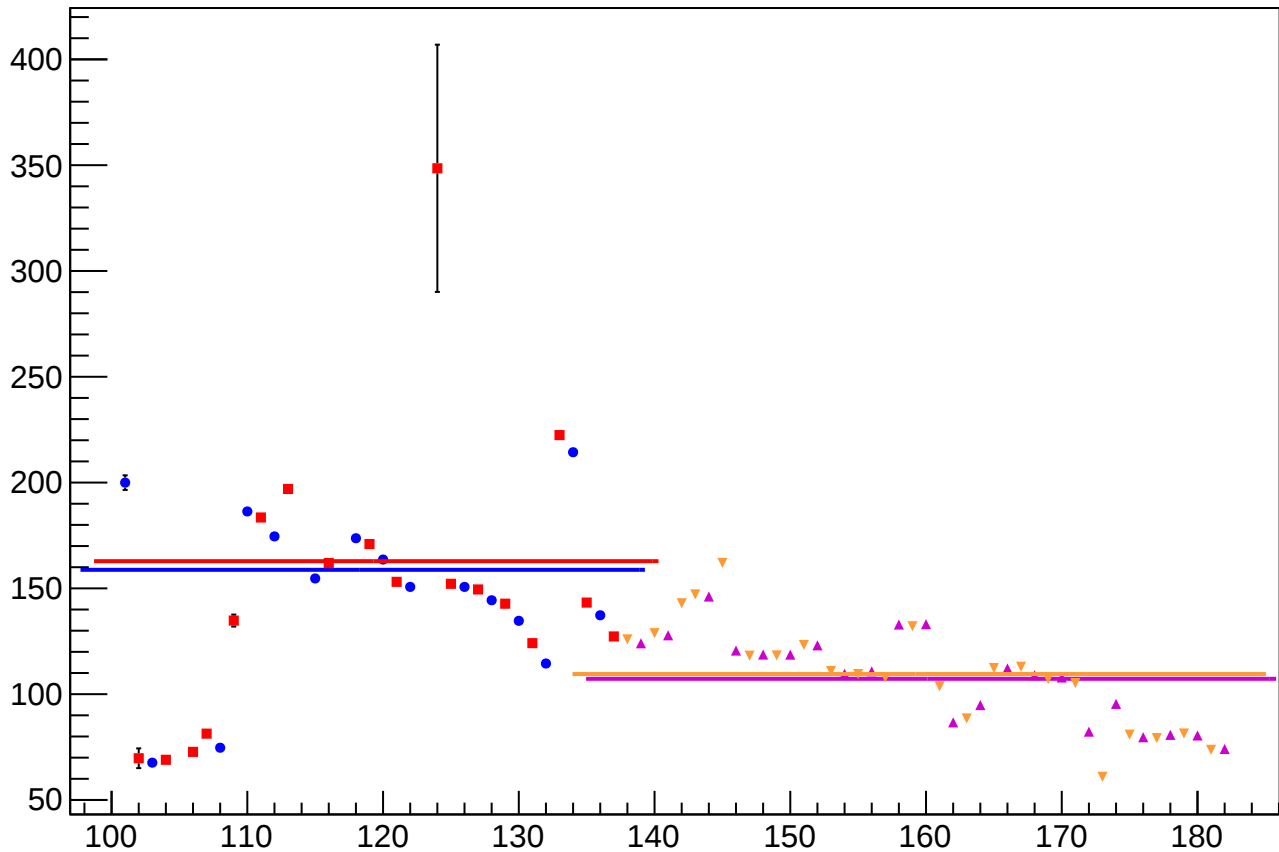
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 11.926 ± 0.018 $\chi^2/\text{NDF}: 1174193.8/36$

Out: 12.615 ± 0.019 $\chi^2/\text{NDF}: 976300.7/40$

All: 12.259 ± 0.013 $\chi^2/\text{NDF}: 2151174.3/77$

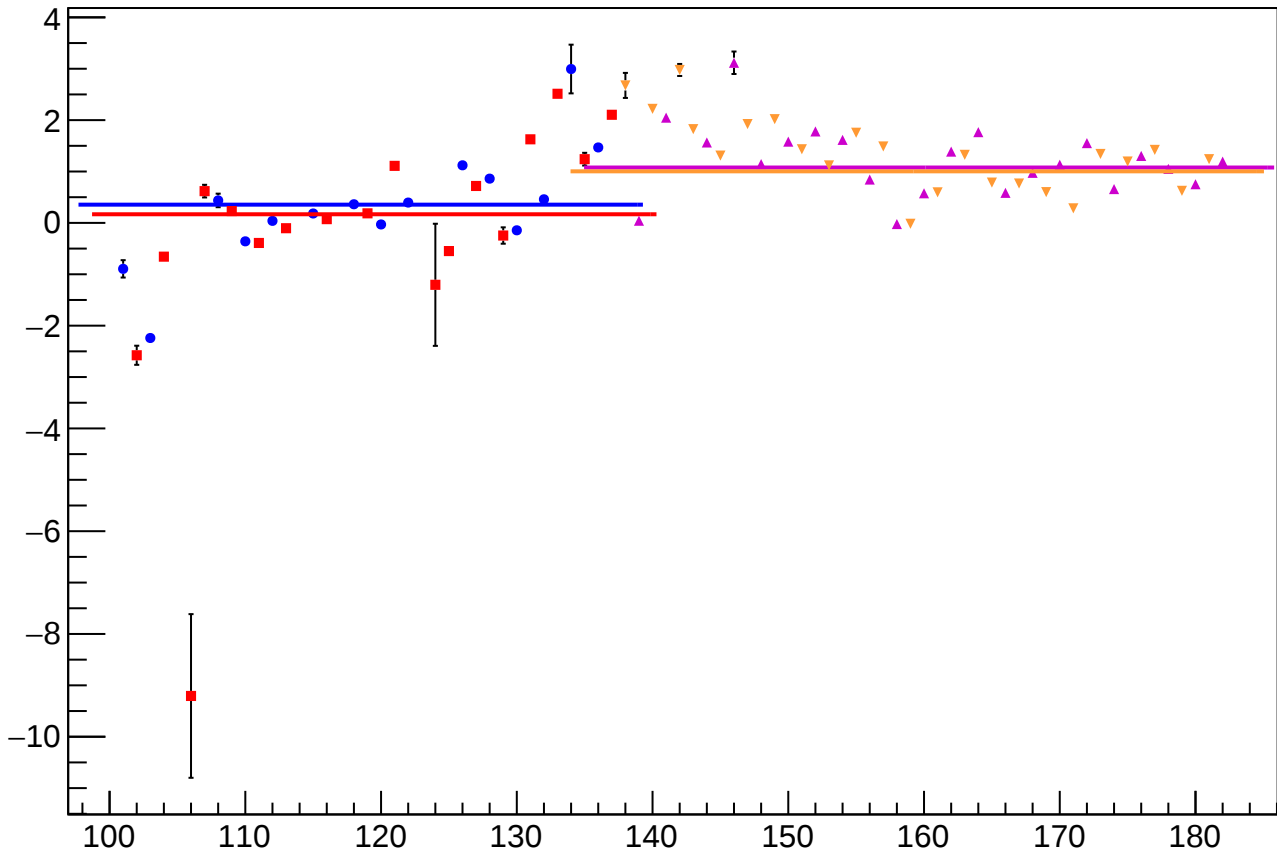
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 ± 0.088 $\chi^2/\text{NDF}: 159016.5/14$
 Left Out: 109.514 ± 0.023 $\chi^2/\text{NDF}: 501968.1/22$
 Right Out: 162.856 ± 0.093 $\chi^2/\text{NDF}: 156176.8/17$
 Left In: 107.265 ± 0.020 $\chi^2/\text{NDF}: 778570.3/21$

Left: 108.195 ± 0.015 $\chi^2/\text{NDF}: 1285919.3/44$
 Right: 160.702 ± 0.064 $\chi^2/\text{NDF}: 316204.3/32$
 In: 109.712 ± 0.019 $\chi^2/\text{NDF}: 1261621.7/36$
 Out: 112.694 ± 0.023 $\chi^2/\text{NDF}: 965749.0/40$
 All: 110.954 ± 0.015 $\chi^2/\text{NDF}: 2237375.4/77$

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.003 ± 0.007 χ^2/NDF : 6502.7/22

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.078 ± 0.007 χ^2/NDF : 7164.1/21

Left: 1.043 ± 0.005 χ^2/NDF : 13727.7/44

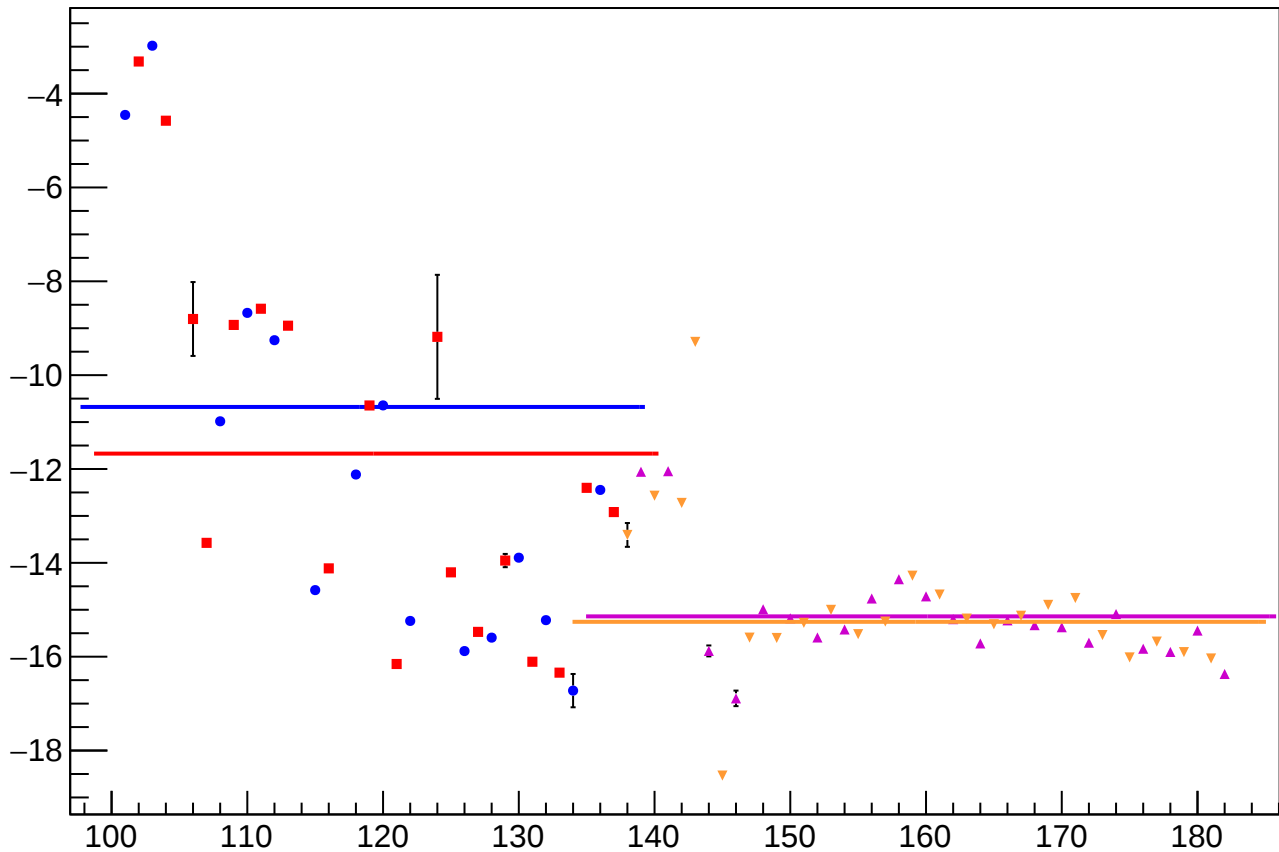
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.908 ± 0.006 χ^2/NDF : 14067.7/36

Out: 0.626 ± 0.005 χ^2/NDF : 17645.7/40

All: 0.753 ± 0.004 χ^2/NDF : 33070.2/77

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -15.257 ± 0.006 $\chi^2/\text{NDF}: 40156.6/22$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -15.141 ± 0.006 $\chi^2/\text{NDF}: 15541.2/21$

Left: -15.202 ± 0.004 $\chi^2/\text{NDF}: 55906.9/44$

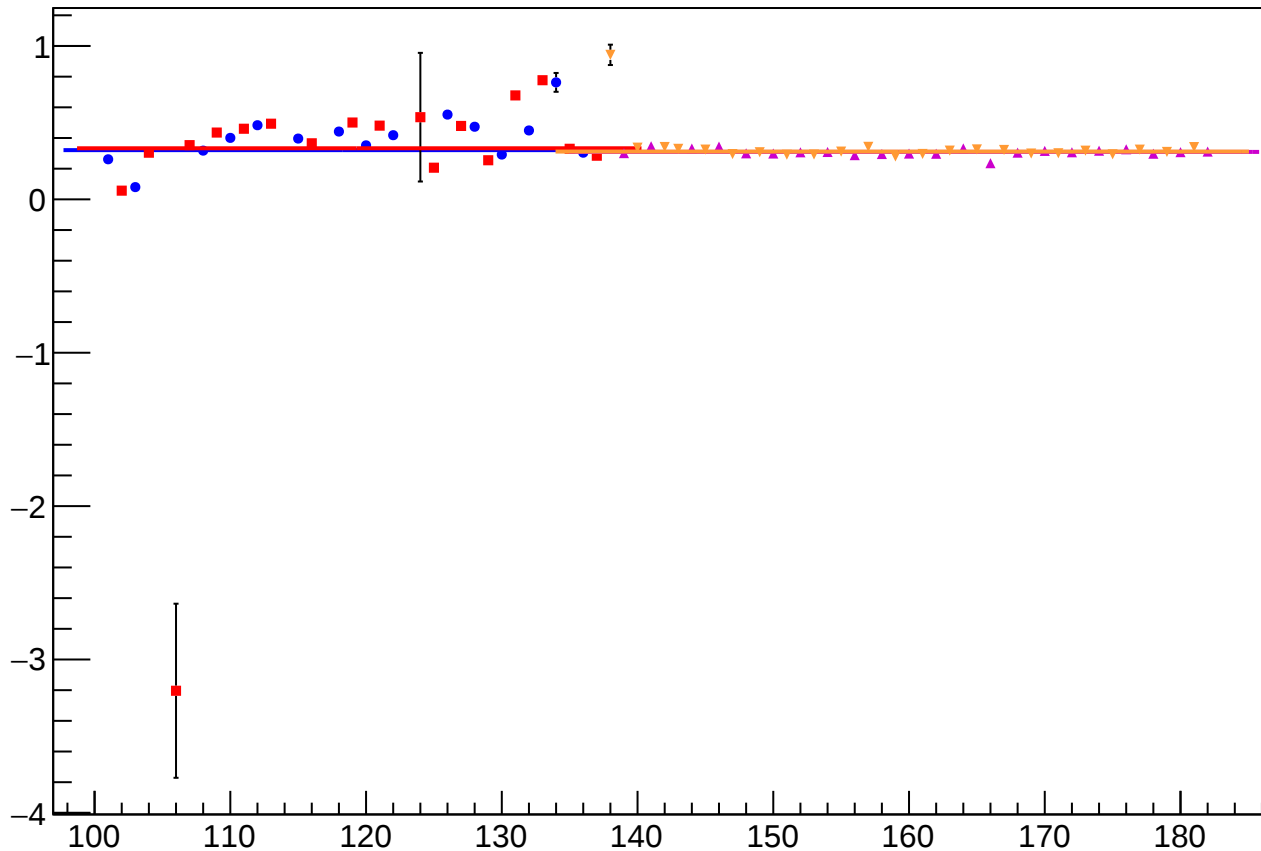
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -14.060 ± 0.005 $\chi^2/\text{NDF}: 385204.1/36$

Out: -14.598 ± 0.005 $\chi^2/\text{NDF}: 225397.0/40$

All: -14.332 ± 0.004 $\chi^2/\text{NDF}: 616335.2/77$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.311+/-0.000 χ^2/NDF : 5343.4/22

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF : 2992.5/21

Left: 0.310+/-0.000 χ^2/NDF : 8377.8/44

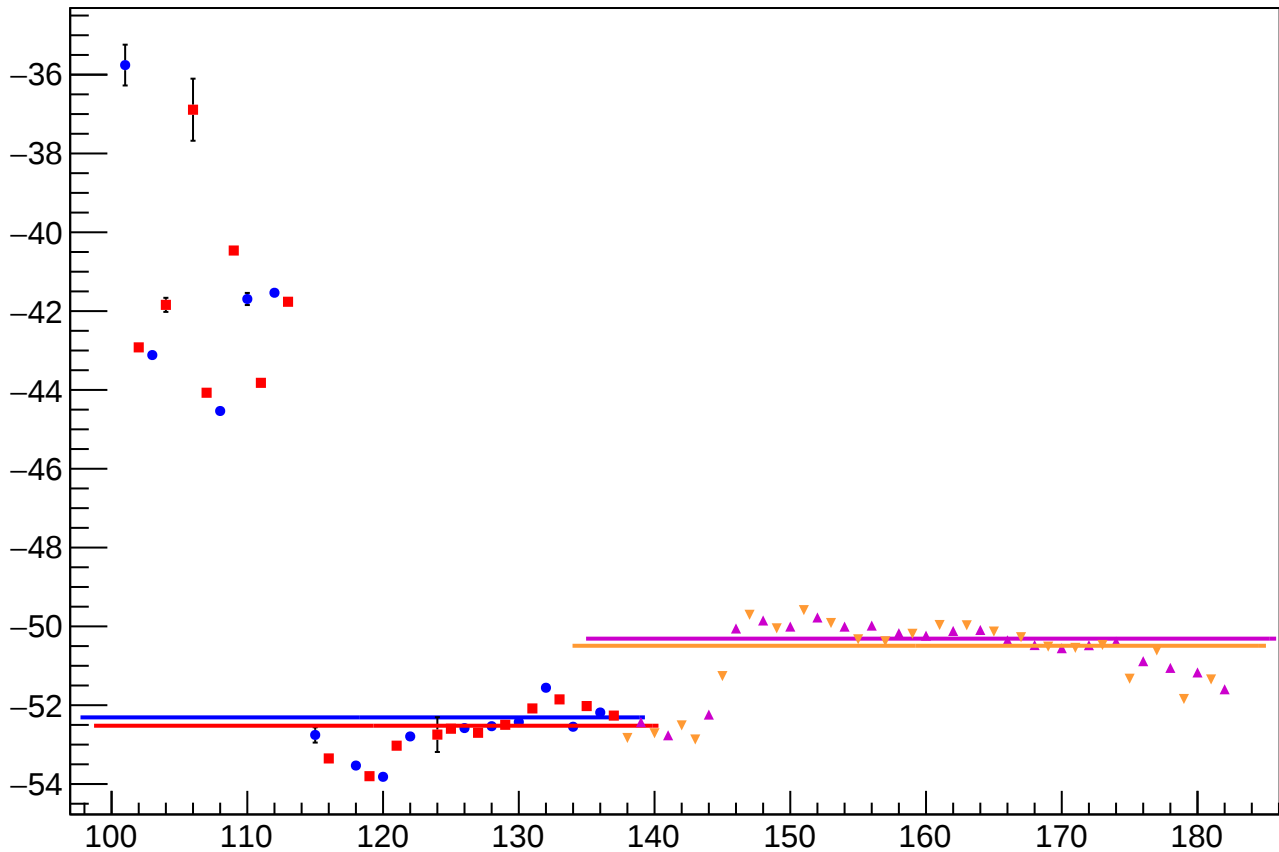
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF : 7152.9/36

Out: 0.312+/-0.000 χ^2/NDF : 9800.2/40

All: 0.311+/-0.000 χ^2/NDF : 16997.3/77

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.492 $\pm$ 0.001 χ^2 /NDF: 273502.1/22

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.311 $\pm$ 0.001 χ^2 /NDF: 180980.3/21

Left: -50.390 $\pm$ 0.001 χ^2 /NDF: 463051.1/44

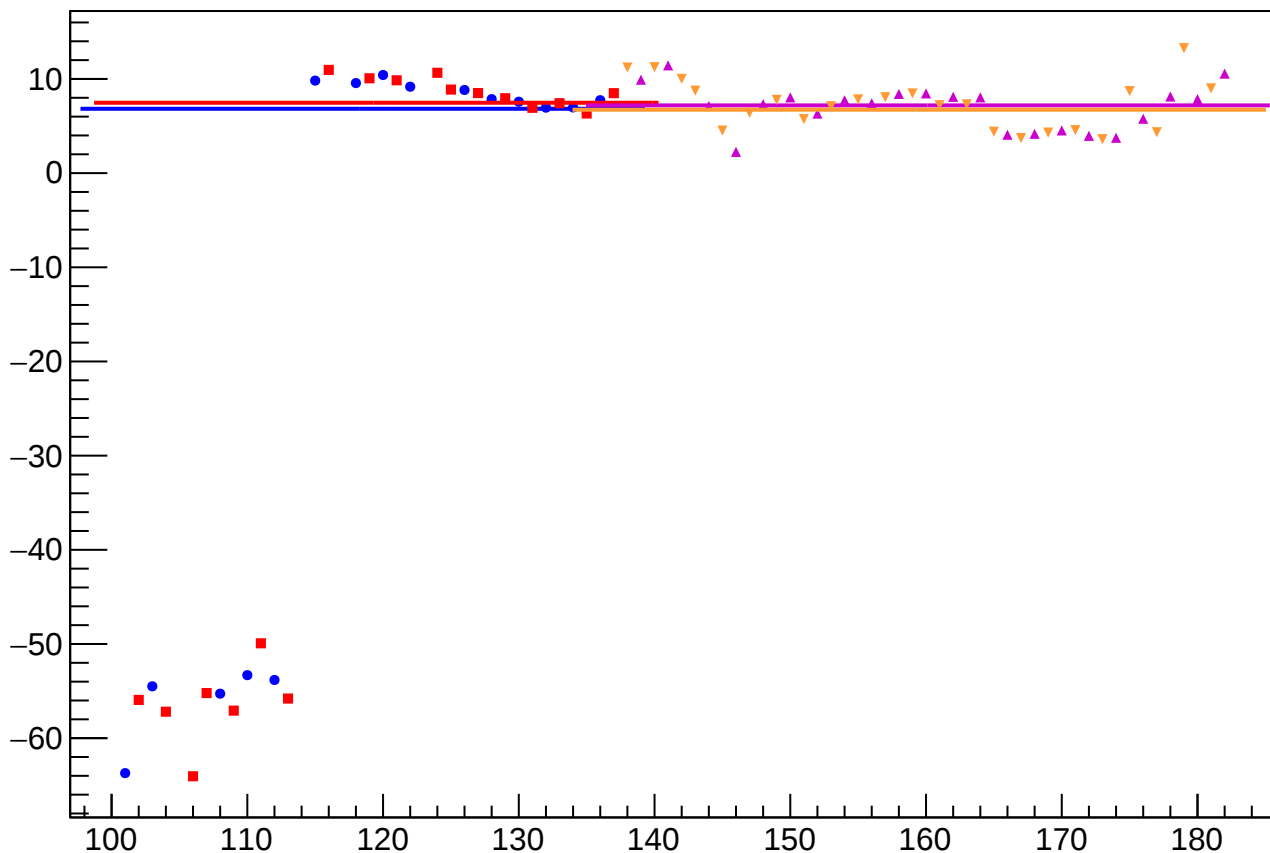
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.468 $\pm$ 0.001 χ^2 /NDF: 423214.6/36

Out: -50.678 $\pm$ 0.001 χ^2 /NDF: 526426.8/40

All: -50.561 $\pm$ 0.001 χ^2 /NDF: 962309.2/77

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 6.731 ± 0.004 $\chi^2/\text{NDF}: 335477.1/22$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.192 ± 0.003 $\chi^2/\text{NDF}: 199569.9/21$

Left: 6.978 ± 0.003 $\chi^2/\text{NDF}: 543264.1/44$

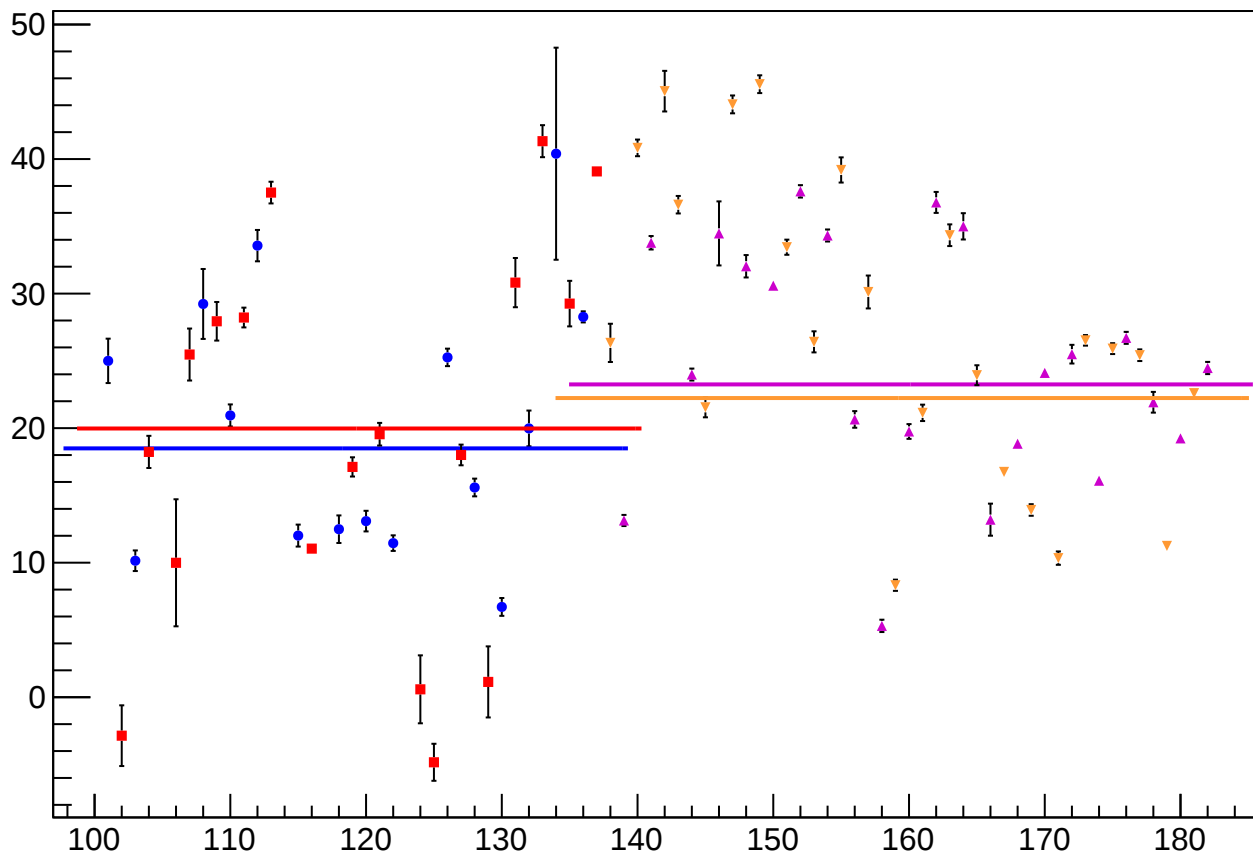
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.078 ± 0.003 $\chi^2/\text{NDF}: 1193557.7/36$

Out: 6.834 ± 0.003 $\chi^2/\text{NDF}: 1536485.5/40$

All: 6.979 ± 0.002 $\chi^2/\text{NDF}: 2732998.3/77$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 22.237 ± 0.104 $\chi^2/\text{NDF}: 8843.0/22$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 23.250 ± 0.097 $\chi^2/\text{NDF}: 6338.8/21$

Left: 22.778 ± 0.071 $\chi^2/\text{NDF}: 15232.1/44$

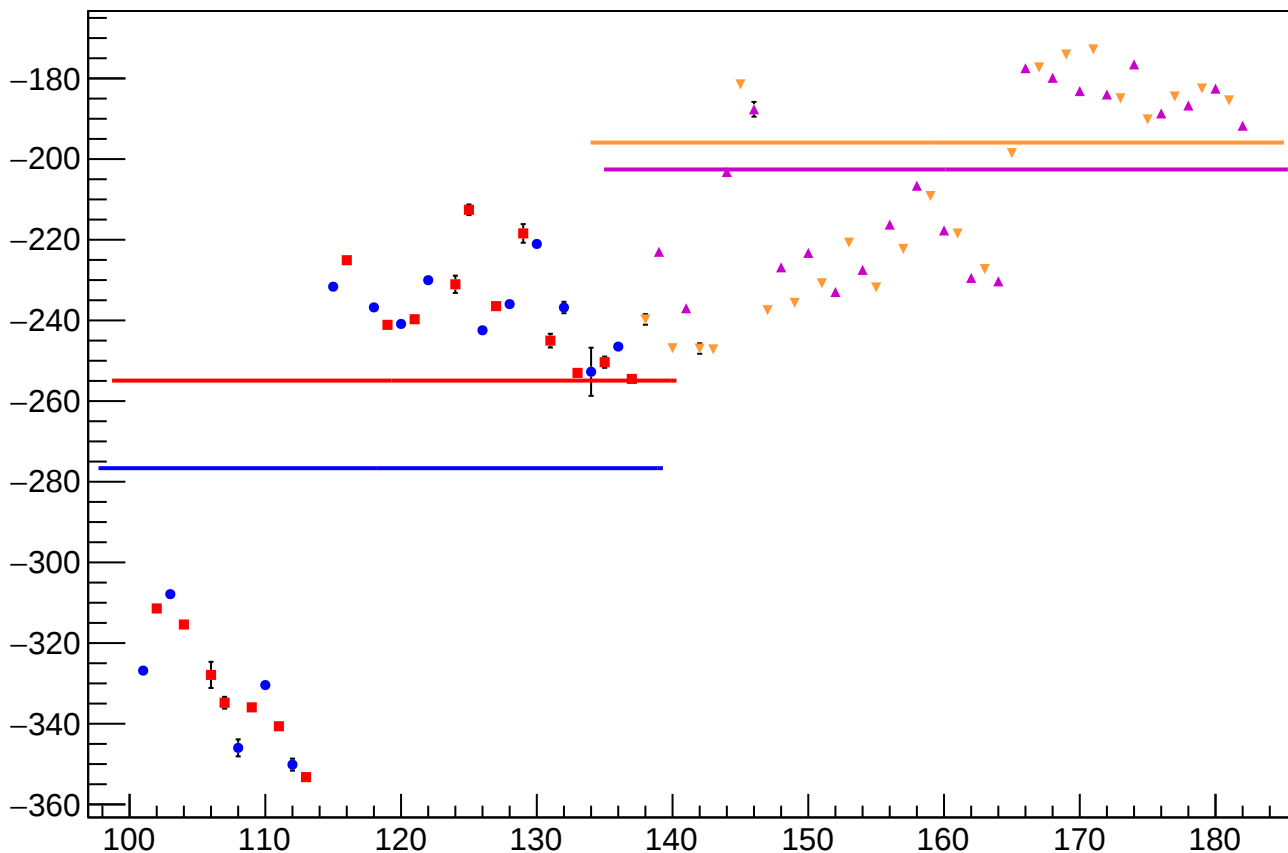
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 22.339 ± 0.088 $\chi^2/\text{NDF}: 8432.0/36$

Out: 21.352 ± 0.081 $\chi^2/\text{NDF}: 18228.4/40$

All: 21.809 ± 0.060 $\chi^2/\text{NDF}: 26728.4/77$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636+/-0.148 χ^2/NDF : 77119.6/14

Left Out: -195.907+/-0.087 χ^2/NDF : 69421.9/22

Right Out: -254.921+/-0.071 χ^2/NDF : 71945.8/17

Left In: -202.573+/-0.086 χ^2/NDF : 62708.7/21

Left: -199.272+/-0.061 χ^2/NDF : 135099.0/44

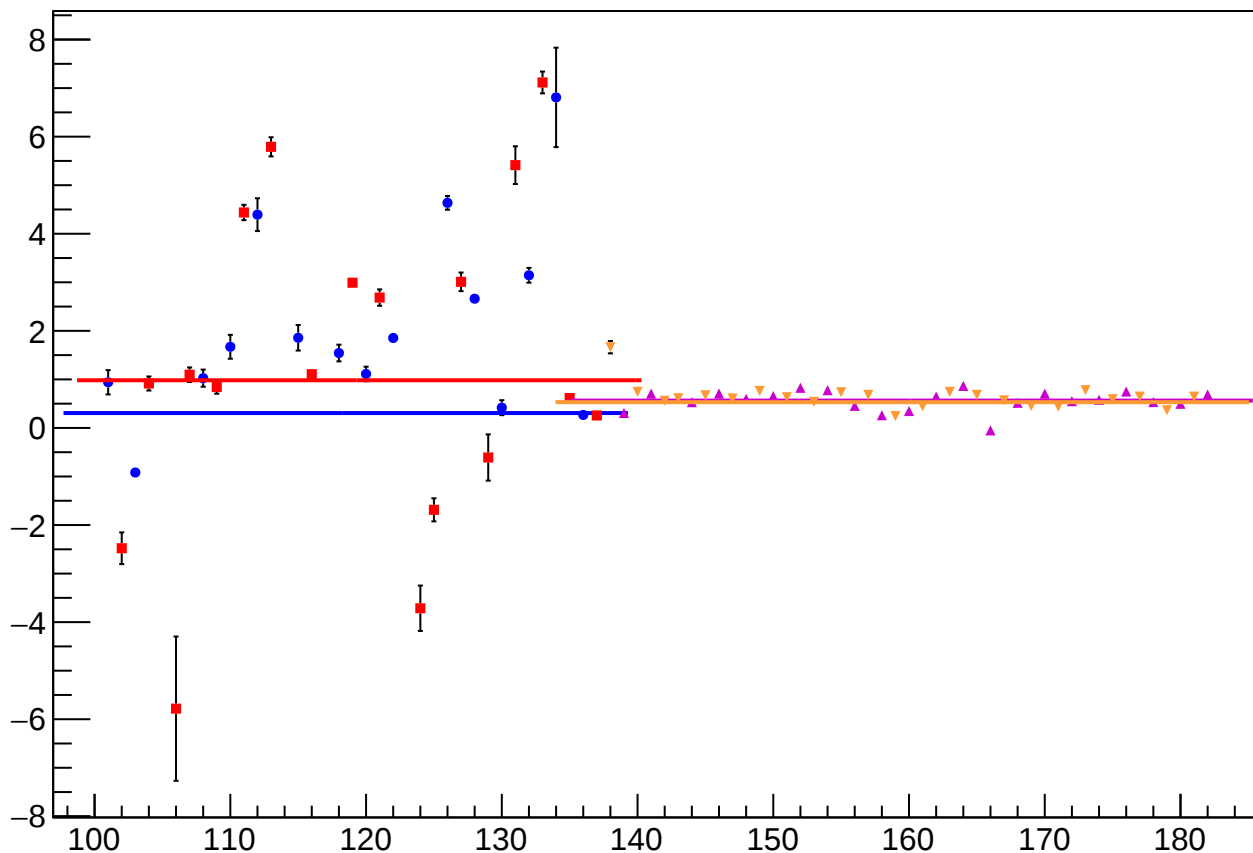
Right: -259.025+/-0.064 χ^2/NDF : 166632.3/32

In: -221.387+/-0.074 χ^2/NDF : 327796.9/36

Out: -231.215+/-0.055 χ^2/NDF : 417121.7/40

All: -227.732+/-0.044 χ^2/NDF : 756194.7/77

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.531 ± 0.002 χ^2/NDF : 10923.0/22

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.564 ± 0.001 χ^2/NDF : 16157.7/21

Left: 0.550 ± 0.001 χ^2/NDF : 27291.9/44

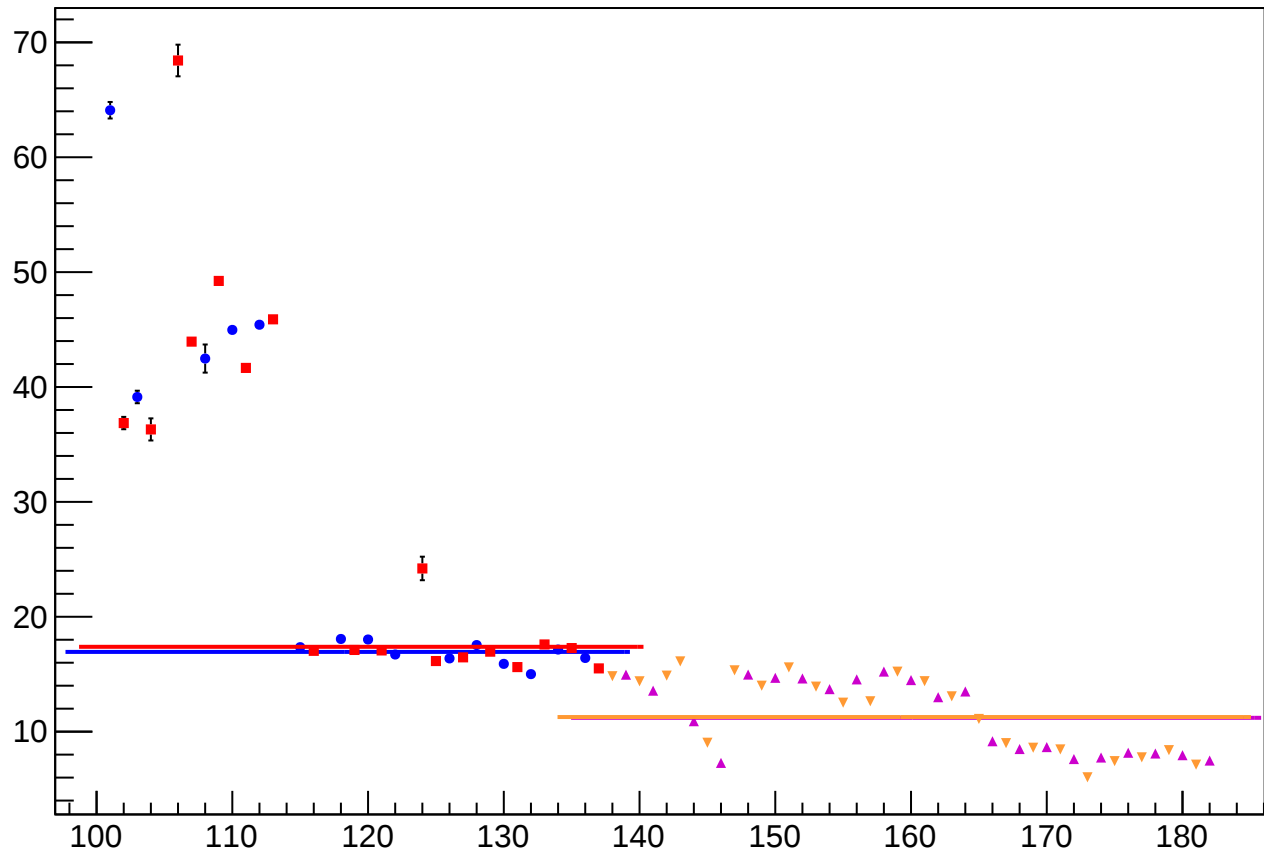
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.552 ± 0.001 χ^2/NDF : 20374.6/36

Out: 0.537 ± 0.002 χ^2/NDF : 15229.4/40

All: 0.546 ± 0.001 χ^2/NDF : 35648.9/77

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2 /NDF: 29019.8/14

Left Out: 11.271 $\pm$ 0.007 χ^2 /NDF: 250908.0/22

Right Out: 17.385 $\pm$ 0.018 χ^2 /NDF: 61131.5/17

Left In: 11.204 $\pm$ 0.007 χ^2 /NDF: 220065.4/21

Left: 11.237 $\pm$ 0.005 χ^2 /NDF: 471021.8/44

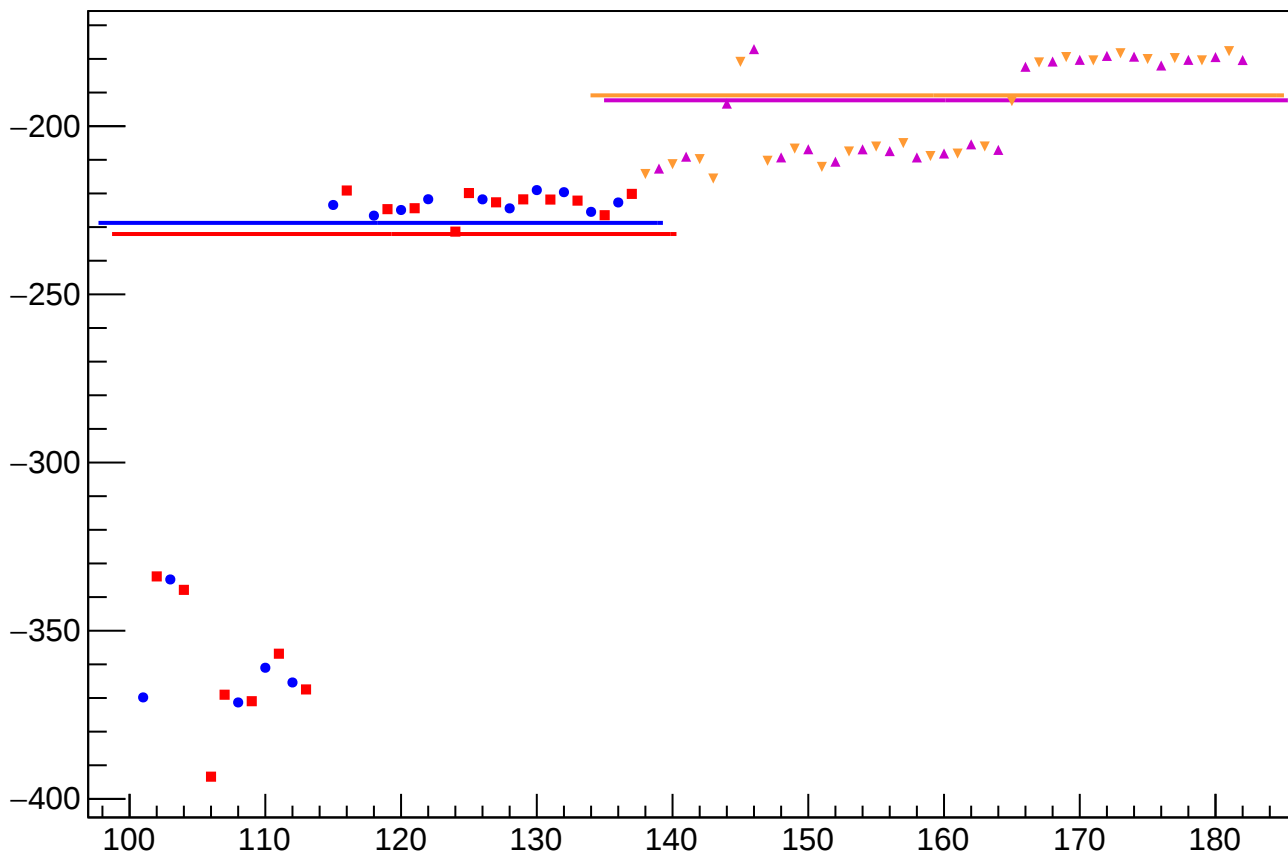
Right: 17.096 $\pm$ 0.010 χ^2 /NDF: 90566.4/32

In: 12.440 $\pm$ 0.006 χ^2 /NDF: 405005.2/36

Out: 12.094 $\pm$ 0.006 χ^2 /NDF: 416598.9/40

All: 12.280 $\pm$ 0.004 χ^2 /NDF: 823151.0/77

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -190.835 ± 0.012 $\chi^2/\text{NDF}: 1474466.4/22$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -192.310 ± 0.012 $\chi^2/\text{NDF}: 1409845.4/21$

Left: -191.579 ± 0.008 $\chi^2/\text{NDF}: 2892166.0/44$

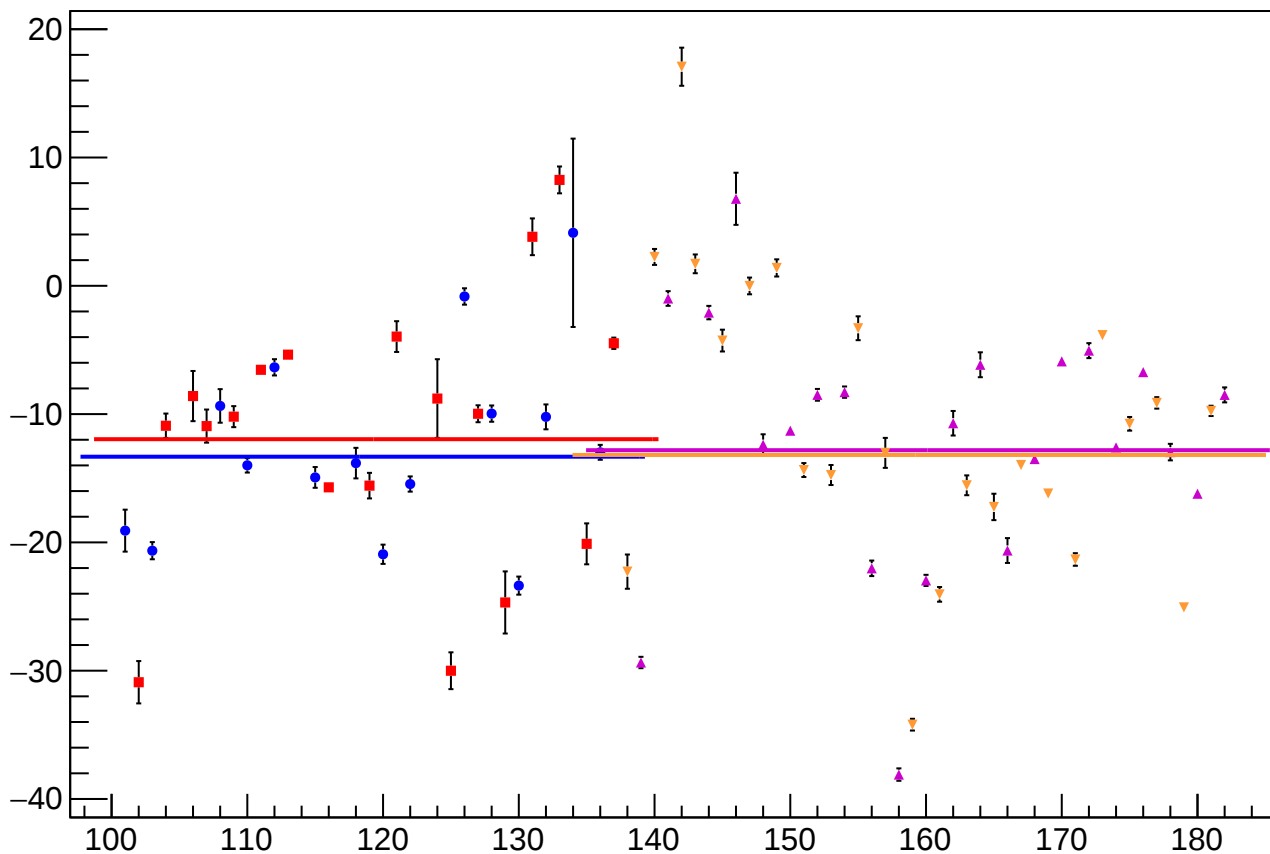
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -196.038 ± 0.011 $\chi^2/\text{NDF}: 3058247.8/36$

Out: -193.953 ± 0.011 $\chi^2/\text{NDF}: 3186827.0/40$

All: -195.020 ± 0.008 $\chi^2/\text{NDF}: 6262313.3/77$

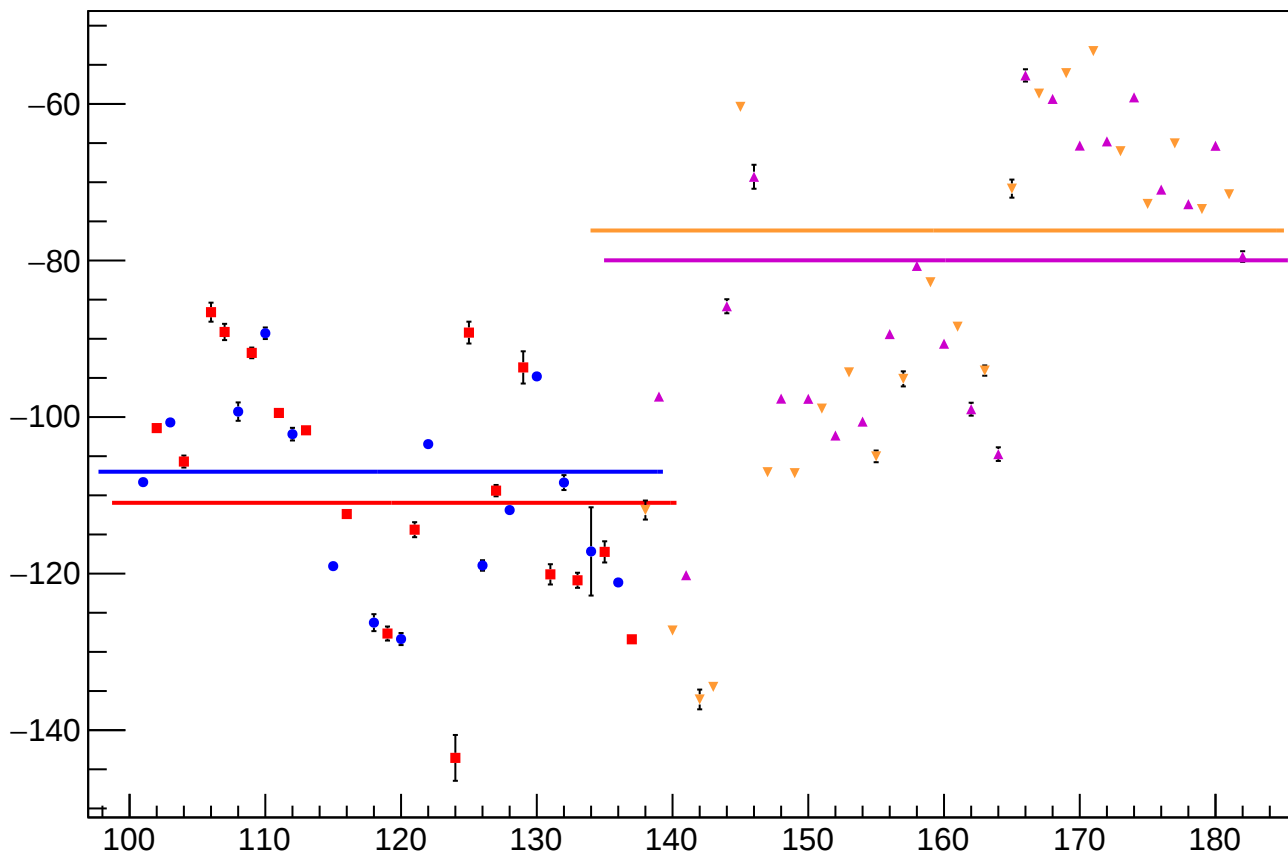
dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321+/-0.194 χ^2/NDF : 1013.0/14
 Left Out: -13.186+/-0.111 χ^2/NDF : 7231.6/22
 Right Out: -11.956+/-0.113 χ^2/NDF : 2487.2/17
 Left In: -12.813+/-0.100 χ^2/NDF : 7327.5/21

Left: -12.979+/-0.074 χ^2/NDF : 14565.4/44
 Right: -12.301+/-0.097 χ^2/NDF : 3537.3/32
 In: -12.919+/-0.089 χ^2/NDF : 8346.0/36
 Out: -12.580+/-0.079 χ^2/NDF : 9779.3/40
 All: -12.730+/-0.059 χ^2/NDF : 18133.4/77

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -76.165 ± 0.087 χ^2/NDF : 53564.6/22

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -79.976 ± 0.086 χ^2/NDF : 44352.4/21

Left: -78.092 ± 0.061 χ^2/NDF : 98889.5/44

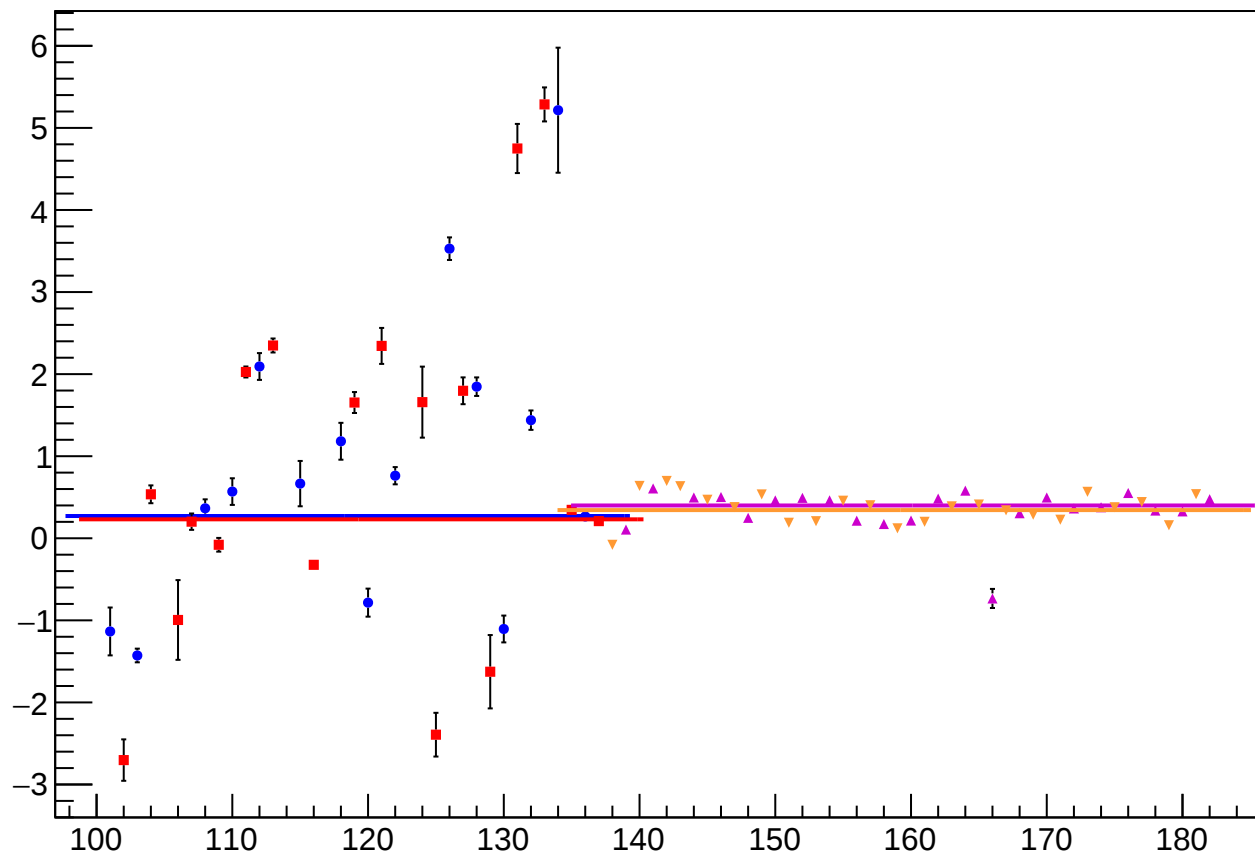
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -90.208 ± 0.068 χ^2/NDF : 86434.5/36

Out: -102.253 ± 0.043 χ^2/NDF : 184441.6/40

All: -98.740 ± 0.037 χ^2/NDF : 293282.3/77

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.343 ± 0.002 χ^2/NDF : 10397.8/22

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.400 ± 0.001 χ^2/NDF : 9756.0/21

Left: 0.376 ± 0.001 χ^2/NDF : 20788.6/44

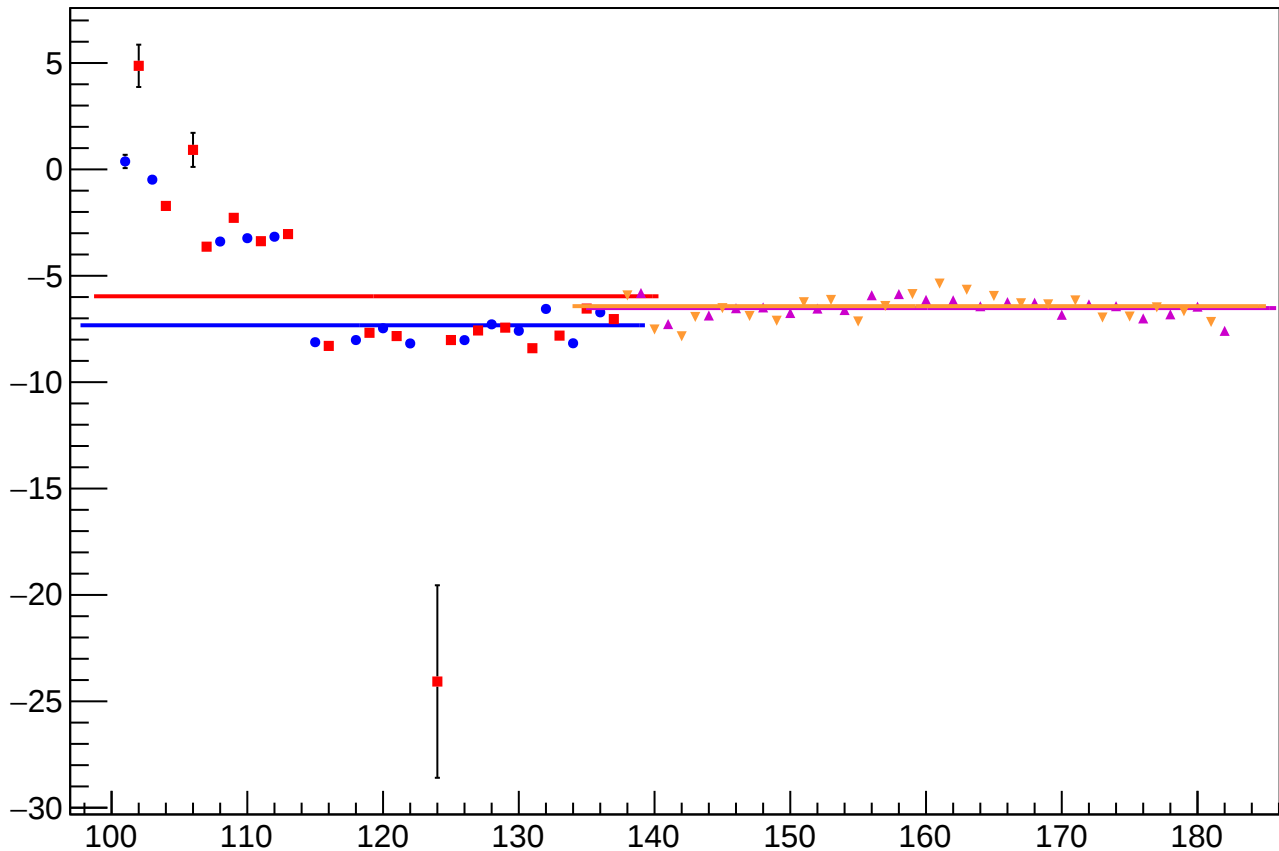
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.391 ± 0.001 χ^2/NDF : 11909.6/36

Out: 0.329 ± 0.002 χ^2/NDF : 13871.1/40

All: 0.363 ± 0.001 χ^2/NDF : 26631.3/77

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.428+/-0.005 χ^2/NDF : 7320.9/22

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.519+/-0.005 χ^2/NDF : 7032.4/21

Left: -6.476+/-0.003 χ^2/NDF : 14537.8/44

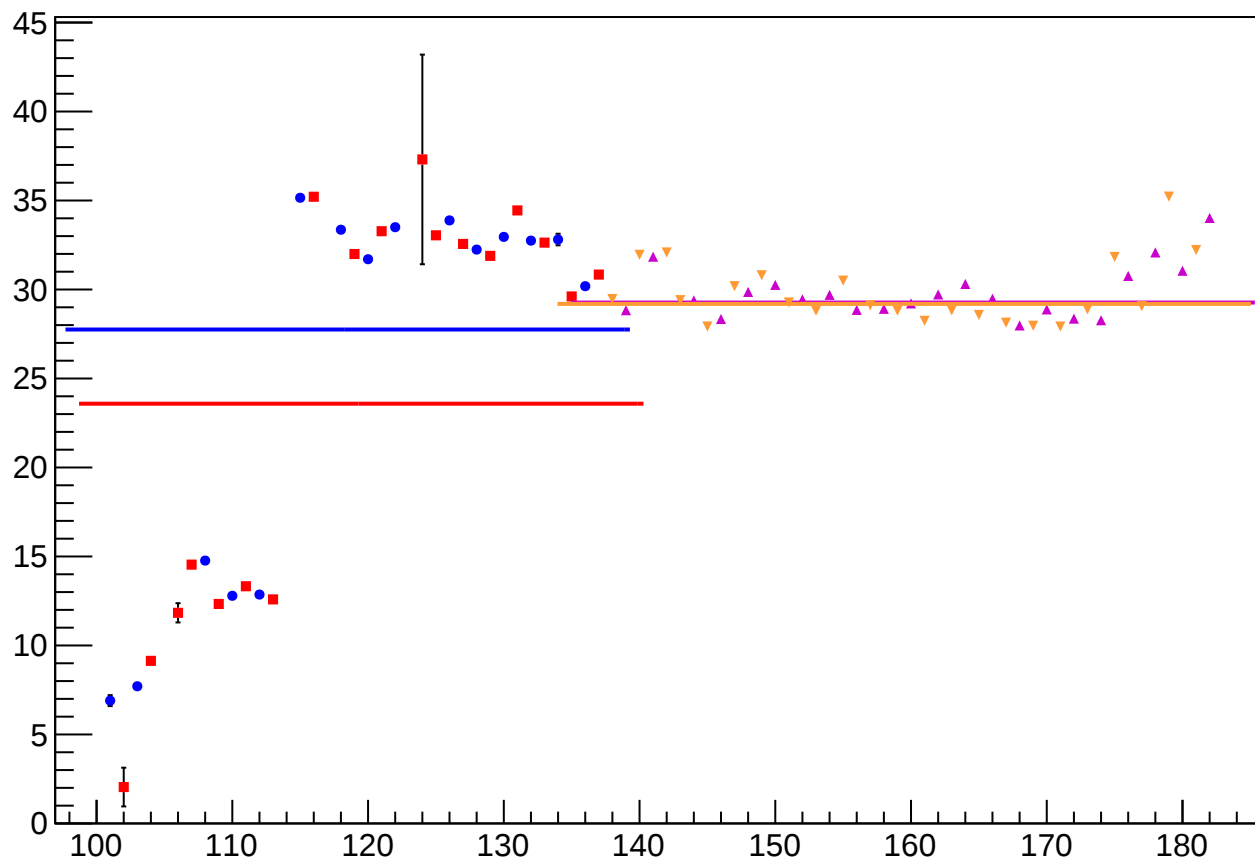
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.707+/-0.004 χ^2/NDF : 44661.5/36

Out: -6.318+/-0.004 χ^2/NDF : 81265.3/40

All: -6.523+/-0.003 χ^2/NDF : 130301.2/77

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.191 $\pm$ 0.008 χ^2 /NDF:39246.7/22

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.268 $\pm$ 0.008 χ^2 /NDF:11583.8/21

Left: 29.229 $\pm$ 0.006 χ^2 /NDF: 50871.5/44

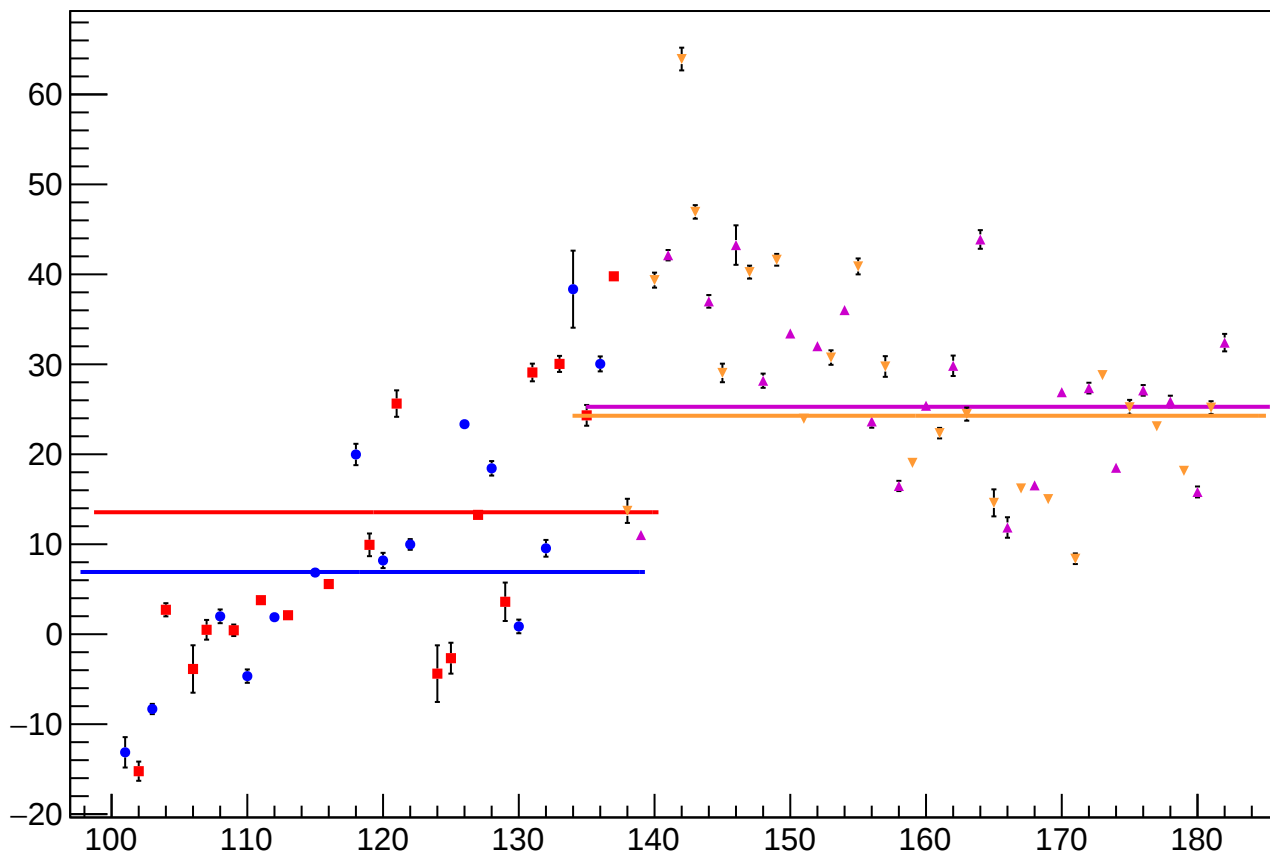
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.906 $\pm$ 0.007 χ^2 /NDF:352241.7/36

Out: 27.662 $\pm$ 0.007 χ^2 /NDF:700425.7/40

All: 28.268 $\pm$ 0.005 χ^2 /NDF: 1067348.7/77

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 χ^2/NDF : 3503.2/14

Left Out: 24.283 ± 0.128 χ^2/NDF : 6129.1/22

Right Out: 13.557 ± 0.145 χ^2/NDF : 11657.2/17

Left In: 25.279 ± 0.114 χ^2/NDF : 6121.5/21

Left: 24.842 ± 0.085 χ^2/NDF : 12284.3/44

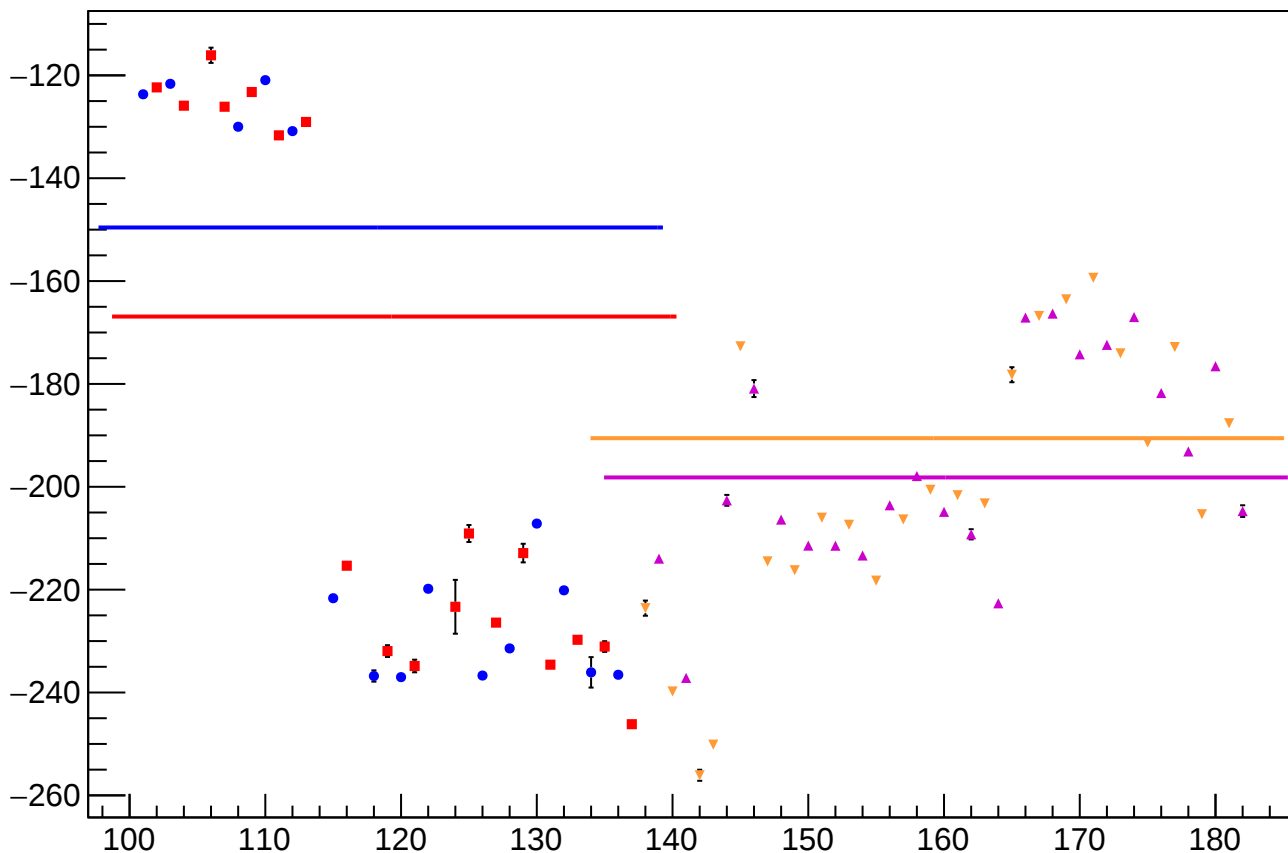
Right: 10.880 ± 0.112 χ^2/NDF : 16004.9/32

In: 19.905 ± 0.096 χ^2/NDF : 17277.1/36

Out: 19.568 ± 0.096 χ^2/NDF : 20850.3/40

All: 19.738 ± 0.068 χ^2/NDF : 38133.6/77

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 +/- 0.101 χ^2/NDF : 195091.5/14

Left Out: -190.551 +/- 0.104 χ^2/NDF : 50636.9/22

Right Out: -166.899 +/- 0.101 χ^2/NDF : 295489.9/17

Left In: -198.182 +/- 0.099 χ^2/NDF : 42023.8/21

Left: -194.567 +/- 0.072 χ^2/NDF : 95494.0/44

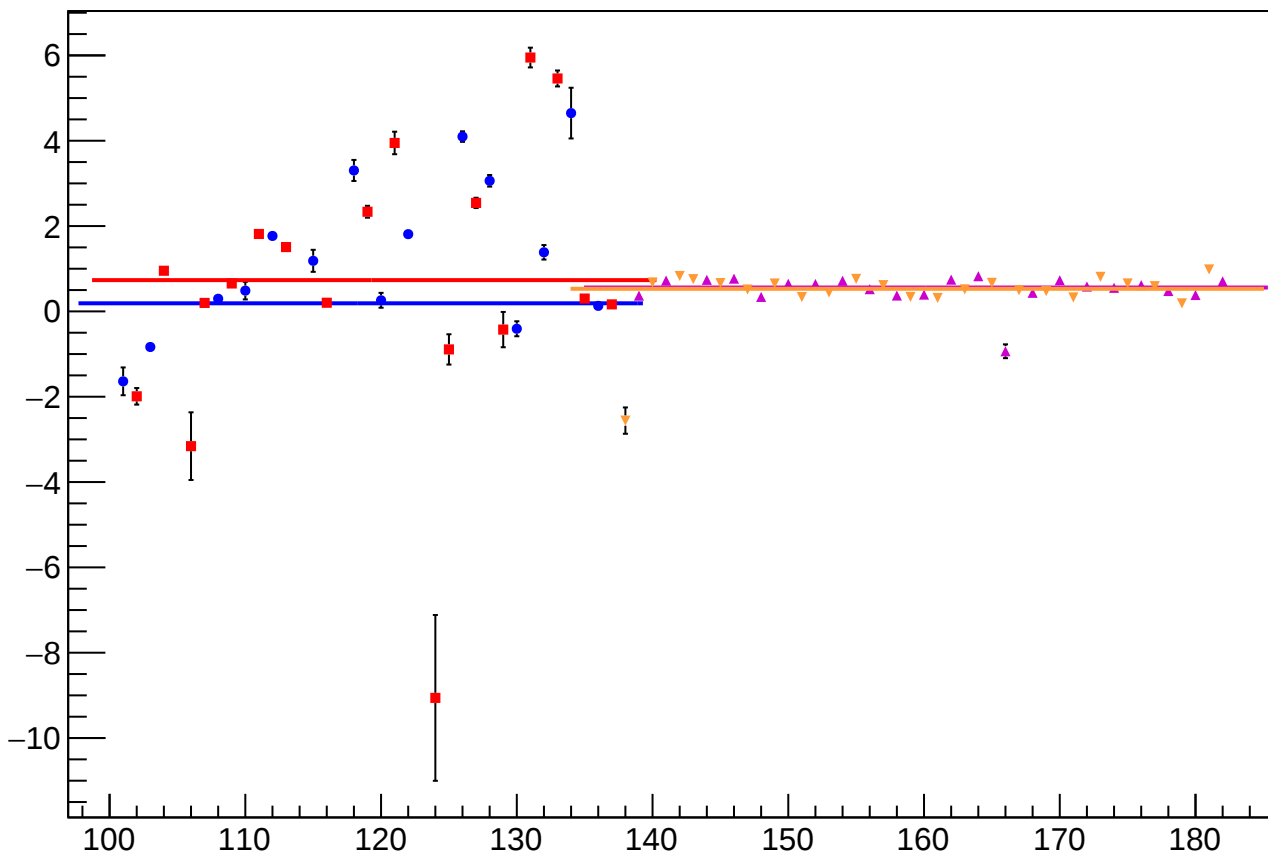
Right: -158.264 +/- 0.071 χ^2/NDF : 505360.9/32

In: -174.415 +/- 0.071 χ^2/NDF : 355739.0/36

Out: -178.332 +/- 0.072 χ^2/NDF : 372851.6/40

All: -176.325 +/- 0.050 χ^2/NDF : 730094.1/77

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.530 $\pm$ 0.002 χ^2 /NDF:8551.3/22

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.559 $\pm$ 0.002 χ^2 /NDF:5569.4/21

Left: 0.546 $\pm$ 0.001 χ^2 /NDF: 14227.4/44

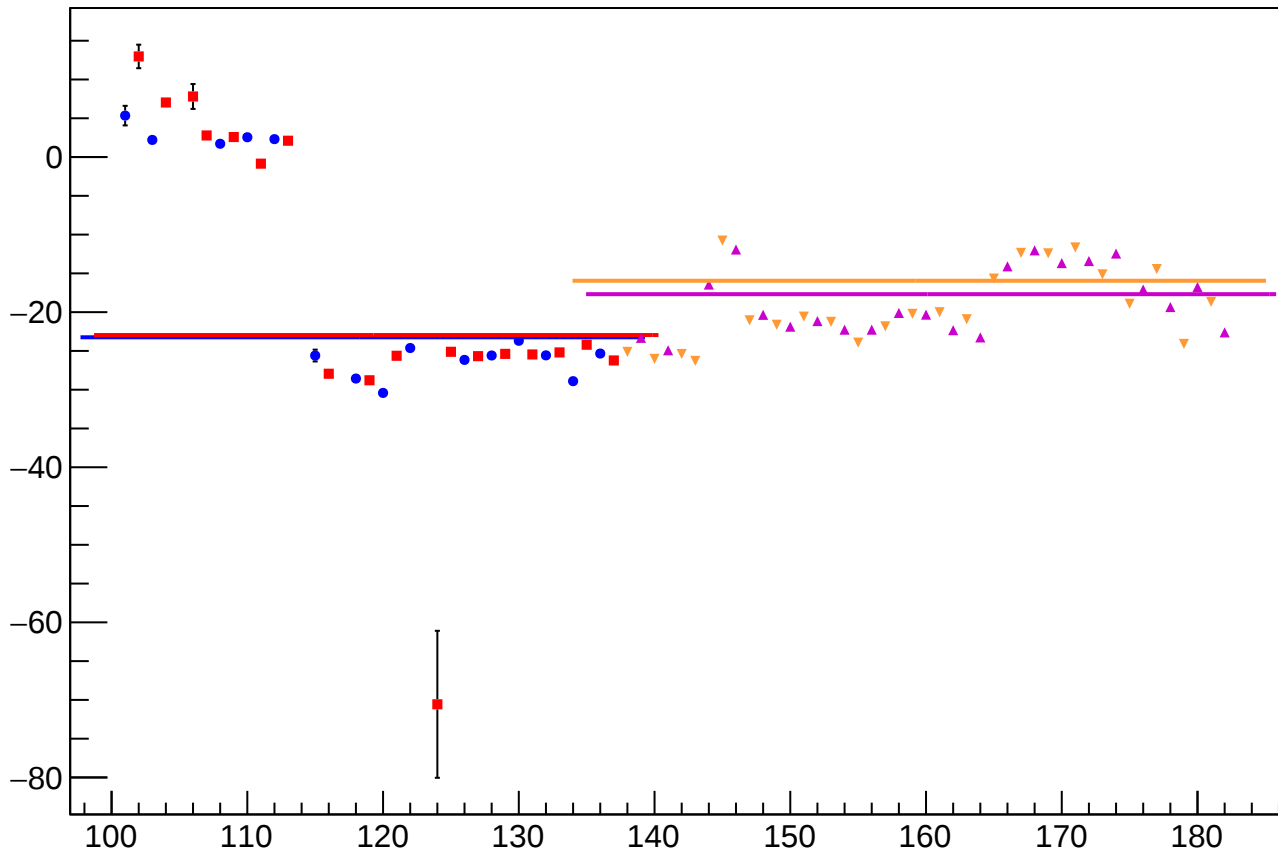
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.541 $\pm$ 0.002 χ^2 /NDF:10050.6/36

Out: 0.532 $\pm$ 0.002 χ^2 /NDF:11322.5/40

All: 0.537 $\pm$ 0.001 χ^2 /NDF: 21384.1/77

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -15.950 ± 0.011 $\chi^2/\text{NDF}: 188118.8/22$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -17.682 ± 0.012 $\chi^2/\text{NDF}: 120888.4/21$

Left: -16.766 ± 0.008 $\chi^2/\text{NDF}: 320557.3/44$

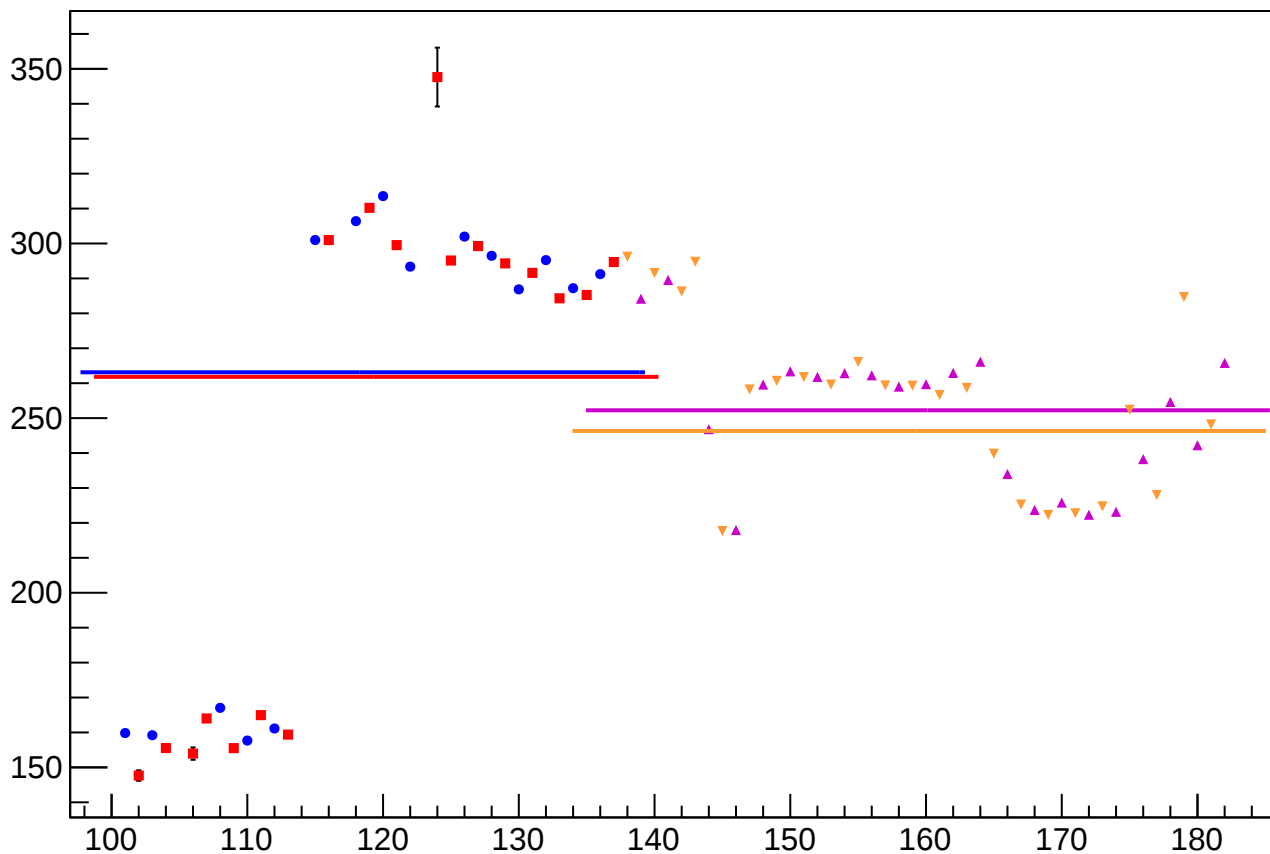
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -18.699 ± 0.011 $\chi^2/\text{NDF}: 265167.9/36$

Out: -17.121 ± 0.010 $\chi^2/\text{NDF}: 363111.4/40$

All: -17.872 ± 0.007 $\chi^2/\text{NDF}: 639908.1/77$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120 $\pm$ 0.069 χ^2 /NDF: 692885.4/14

Left Out: 246.312 $\pm$ 0.028 χ^2 /NDF: 684669.9/22

Right Out: 261.814 $\pm$ 0.060 χ^2 /NDF: 1006189.6/17

Left In: 252.242 $\pm$ 0.028 χ^2 /NDF: 358487.0/21

Left: 249.264 $\pm$ 0.020 χ^2 /NDF: 1064960.6/44

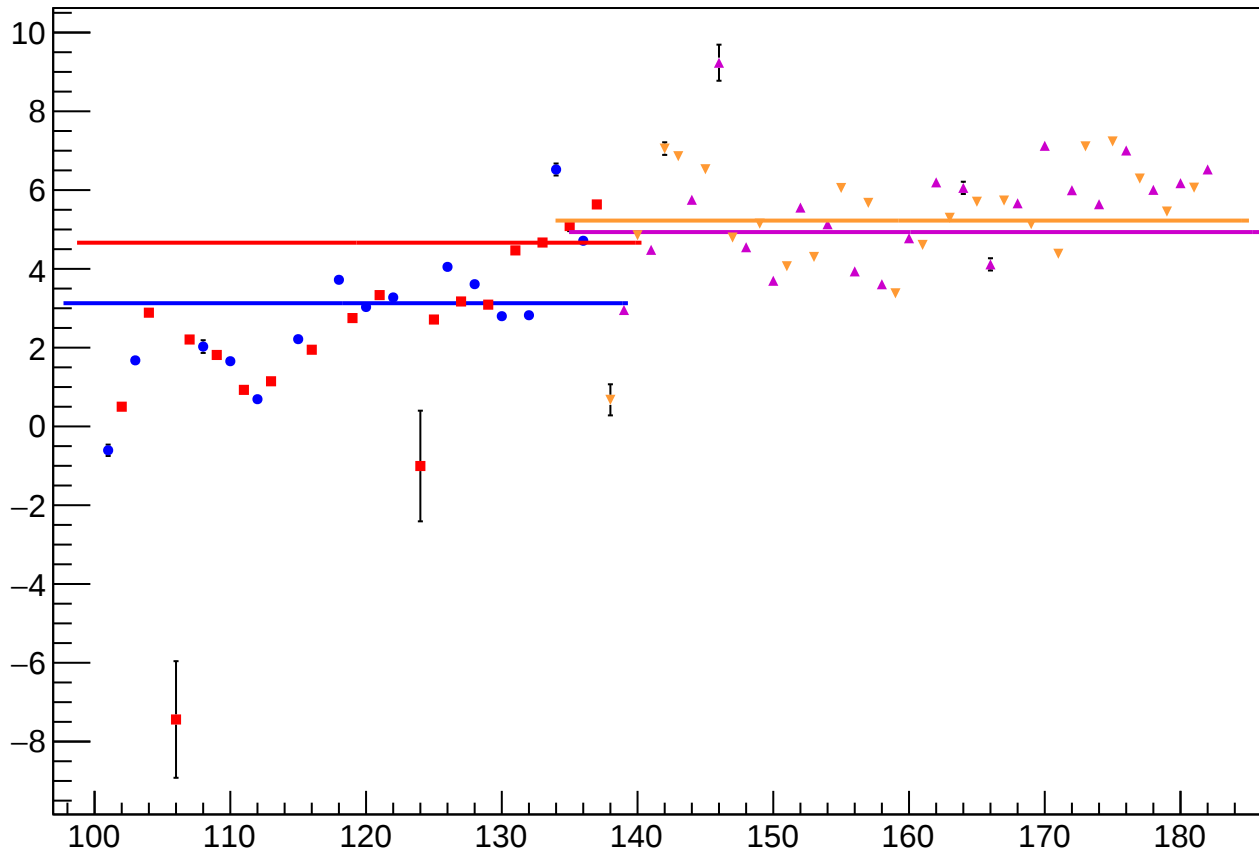
Right: 262.381 $\pm$ 0.045 χ^2 /NDF: 1699277.6/32

In: 253.820 $\pm$ 0.026 χ^2 /NDF: 1072576.5/36

Out: 249.105 $\pm$ 0.026 χ^2 /NDF: 1744795.7/40

All: 251.403 $\pm$ 0.018 χ^2 /NDF: 2833837.2/77

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2 /NDF: 5667.8/14

Left Out: 5.226 $\pm$ 0.014 χ^2 /NDF: 4505.3/22

Right Out: 4.664 $\pm$ 0.006 χ^2 /NDF: 66862.5/17

Left In: 4.934 $\pm$ 0.013 χ^2 /NDF: 10567.4/21

Left: 5.069 $\pm$ 0.009 χ^2 /NDF: 15312.2/44

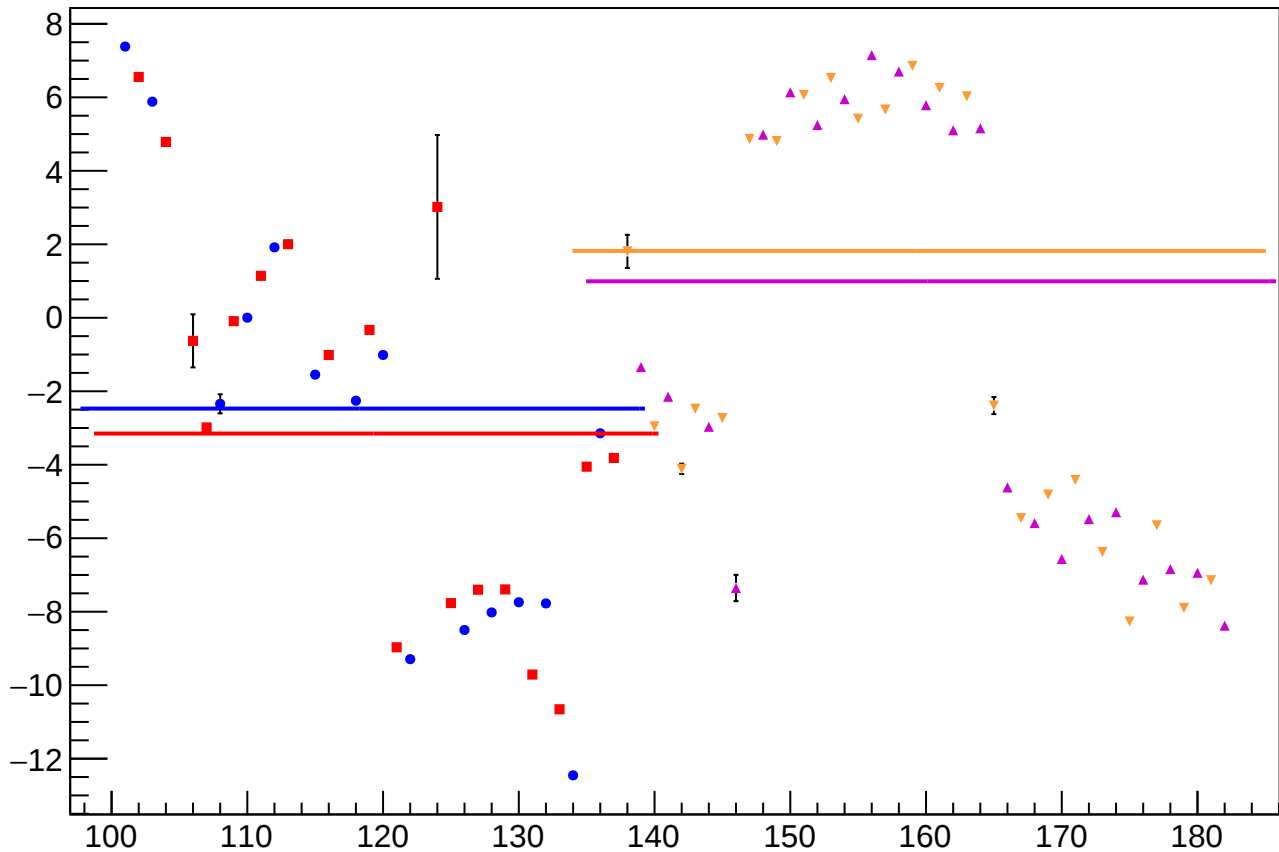
Right: 4.450 $\pm$ 0.006 χ^2 /NDF: 80704.7/32

In: 4.216 $\pm$ 0.010 χ^2 /NDF: 24142.1/36

Out: 4.762 $\pm$ 0.006 χ^2 /NDF: 72728.0/40

All: 4.624 $\pm$ 0.005 χ^2 /NDF: 99130.2/77

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 1.820 ± 0.012 $\chi^2/\text{NDF}: 209601.0/22$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 0.993 ± 0.011 $\chi^2/\text{NDF}: 250342.2/21$

Left: 1.391 ± 0.008 $\chi^2/\text{NDF}: 462592.7/44$

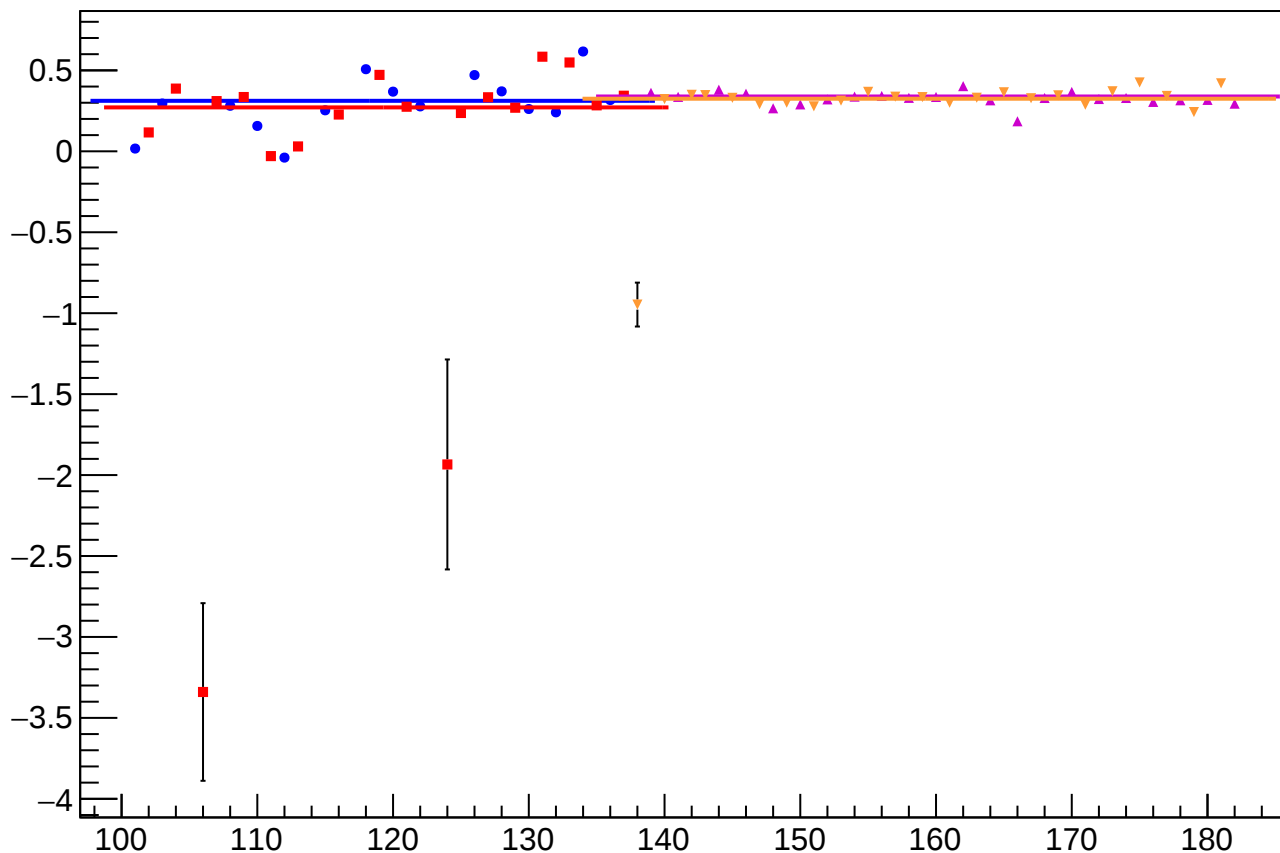
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.340 ± 0.009 $\chi^2/\text{NDF}: 530020.5/36$

Out: -1.699 ± 0.006 $\chi^2/\text{NDF}: 587699.6/40$

All: -1.239 ± 0.005 $\chi^2/\text{NDF}: 1133680.7/77$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.325 $\pm$ 0.001 χ^2 /NDF:2870.3/22

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.339 $\pm$ 0.001 χ^2 /NDF:3470.9/21

Left: 0.332 $\pm$ 0.000 χ^2 /NDF: 6641.5/44

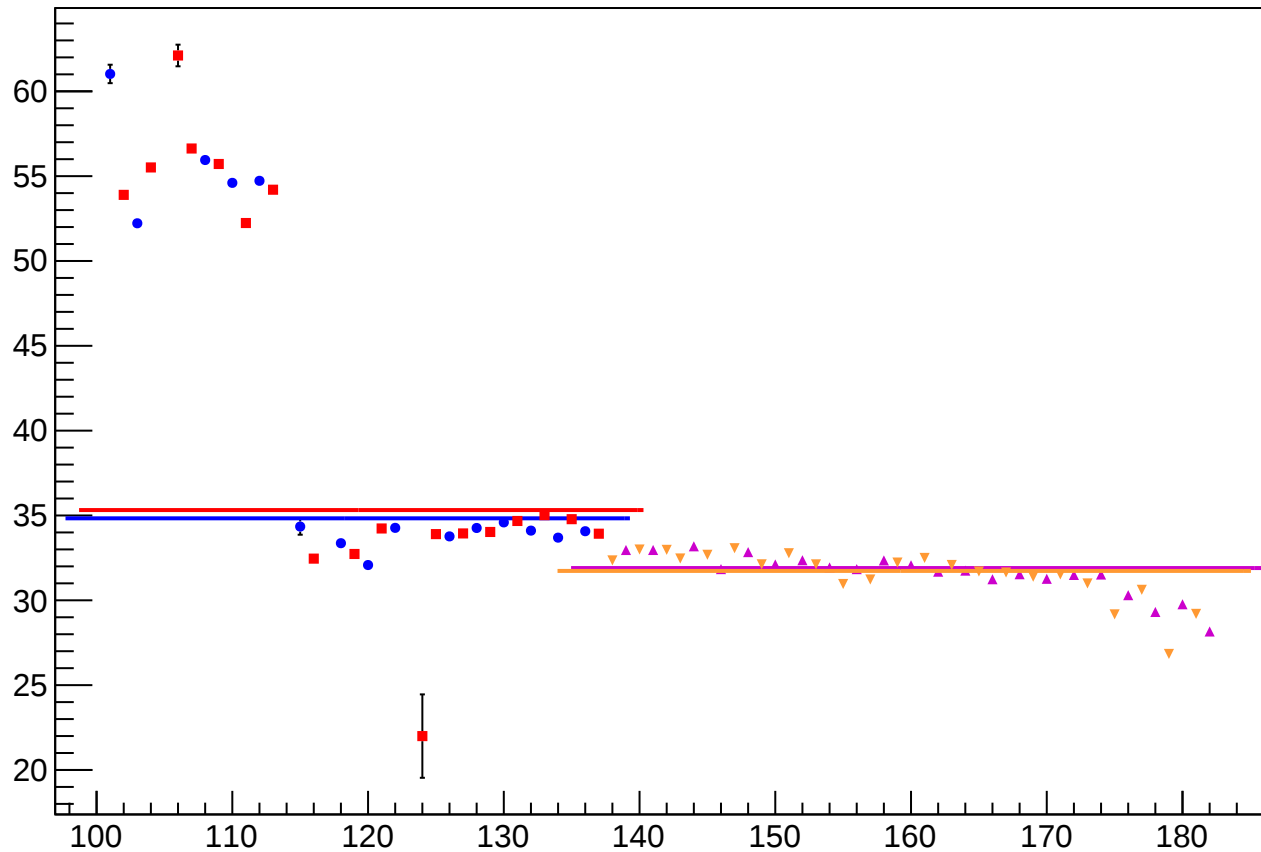
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.335 $\pm$ 0.001 χ^2 /NDF:5159.2/36

Out: 0.321 $\pm$ 0.001 χ^2 /NDF:9614.6/40

All: 0.329 $\pm$ 0.000 χ^2 /NDF: 15098.1/77

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 31.732 $\pm$ 0.003 χ^2 /NDF: 64567.1/22

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 31.901 $\pm$ 0.004 χ^2 /NDF: 27986.1/21

Left: 31.806 $\pm$ 0.002 χ^2 /NDF: 93766.8/44

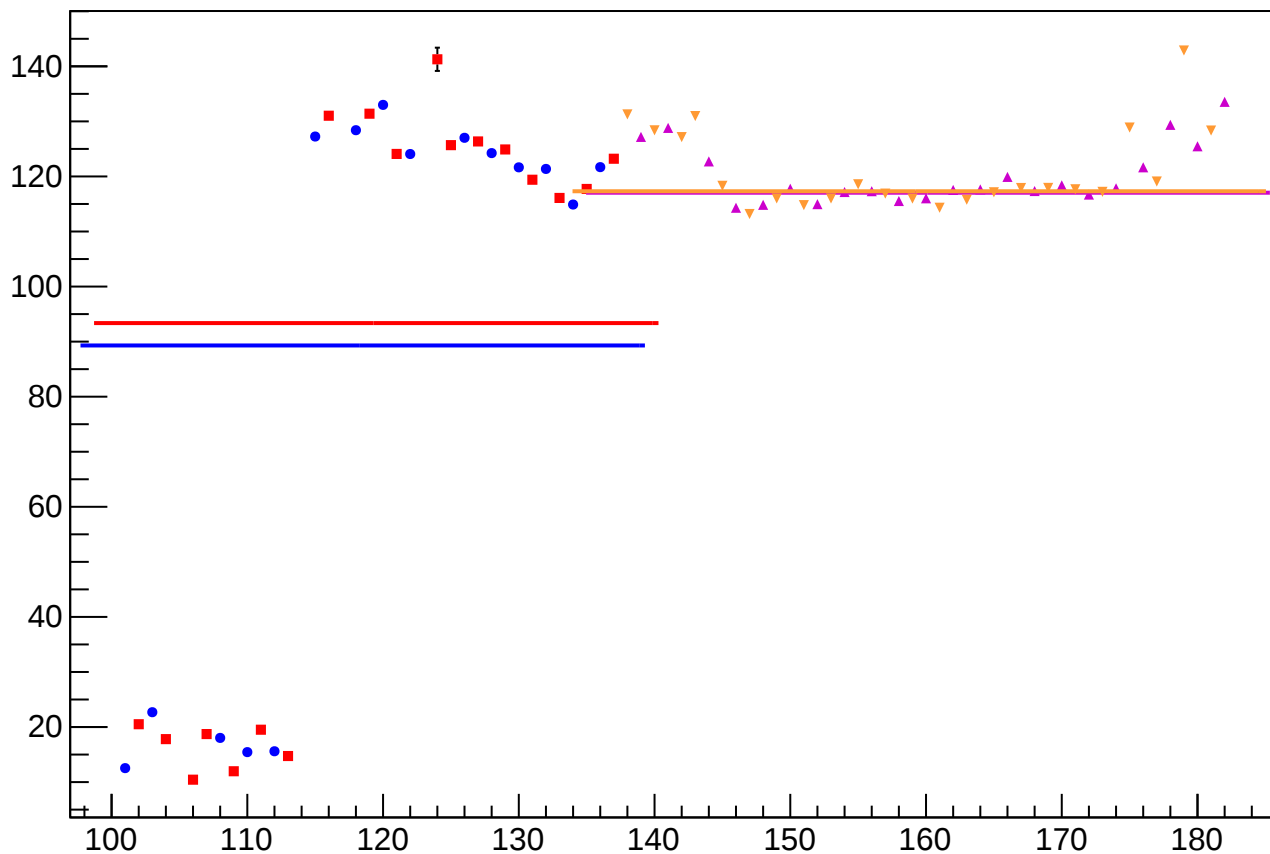
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.342 $\pm$ 0.003 χ^2 /NDF: 371724.1/36

Out: 32.069 $\pm$ 0.003 χ^2 /NDF: 443746.3/40

All: 32.193 $\pm$ 0.002 χ^2 /NDF: 819126.4/77

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.310 ± 0.008 $\chi^2/\text{NDF}: 152457.6/22$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 117.046 ± 0.009 $\chi^2/\text{NDF}: 57189.9/21$

Left: 117.190 ± 0.006 $\chi^2/\text{NDF}: 210142.4/44$

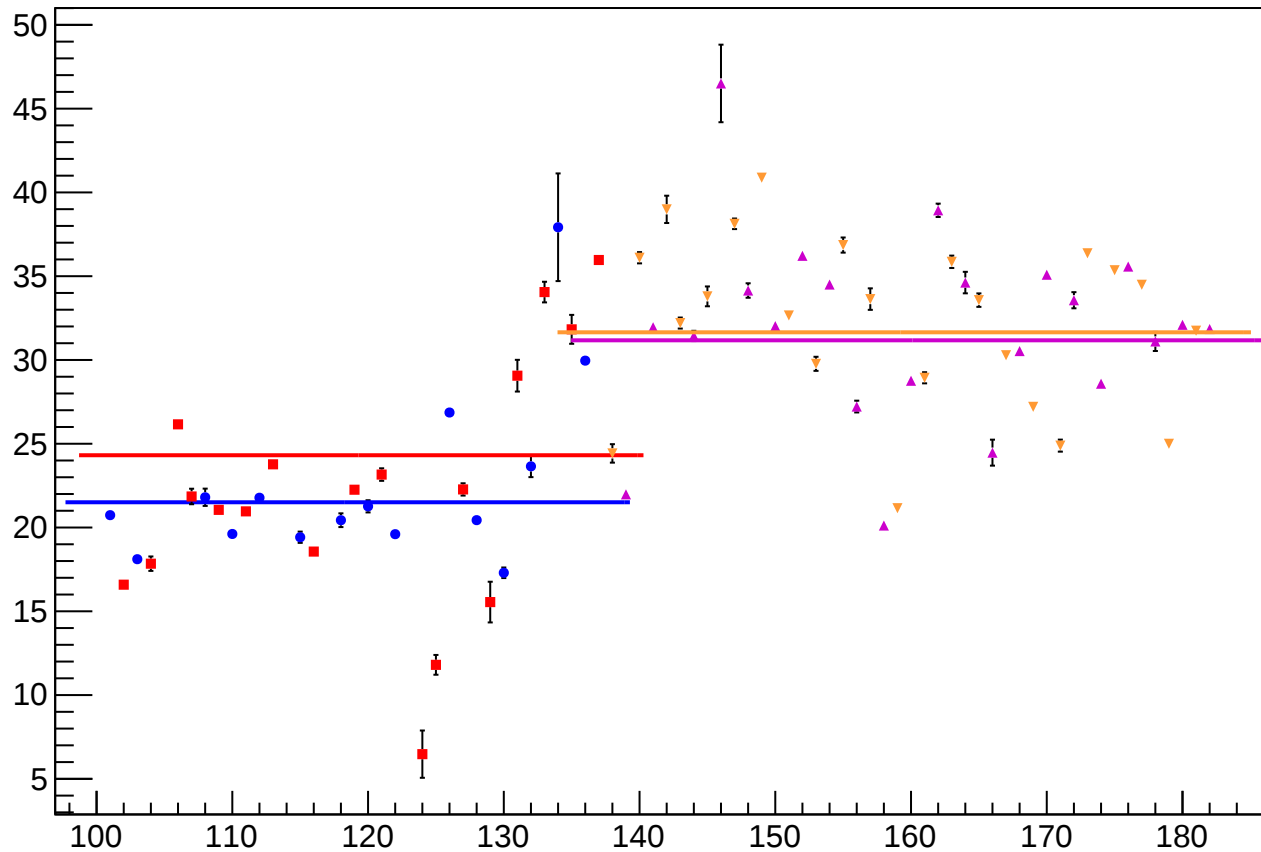
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 114.477 ± 0.008 $\chi^2/\text{NDF}: 4019431.2/36$

Out: 115.719 ± 0.008 $\chi^2/\text{NDF}: 3601898.9/40$

All: 115.147 ± 0.006 $\chi^2/\text{NDF}: 7633269.6/77$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2 /NDF: 2963.0/14

Left Out: 31.651 $\pm$ 0.063 χ^2 /NDF:6068.8/22

Right Out: 24.314 $\pm$ 0.058 χ^2 /NDF: 14295.4/17

Left In: 31.173 $\pm$ 0.058 χ^2 /NDF:5934.2/21

Left: 31.390 $\pm$ 0.043 χ^2 /NDF: 12034.2/44

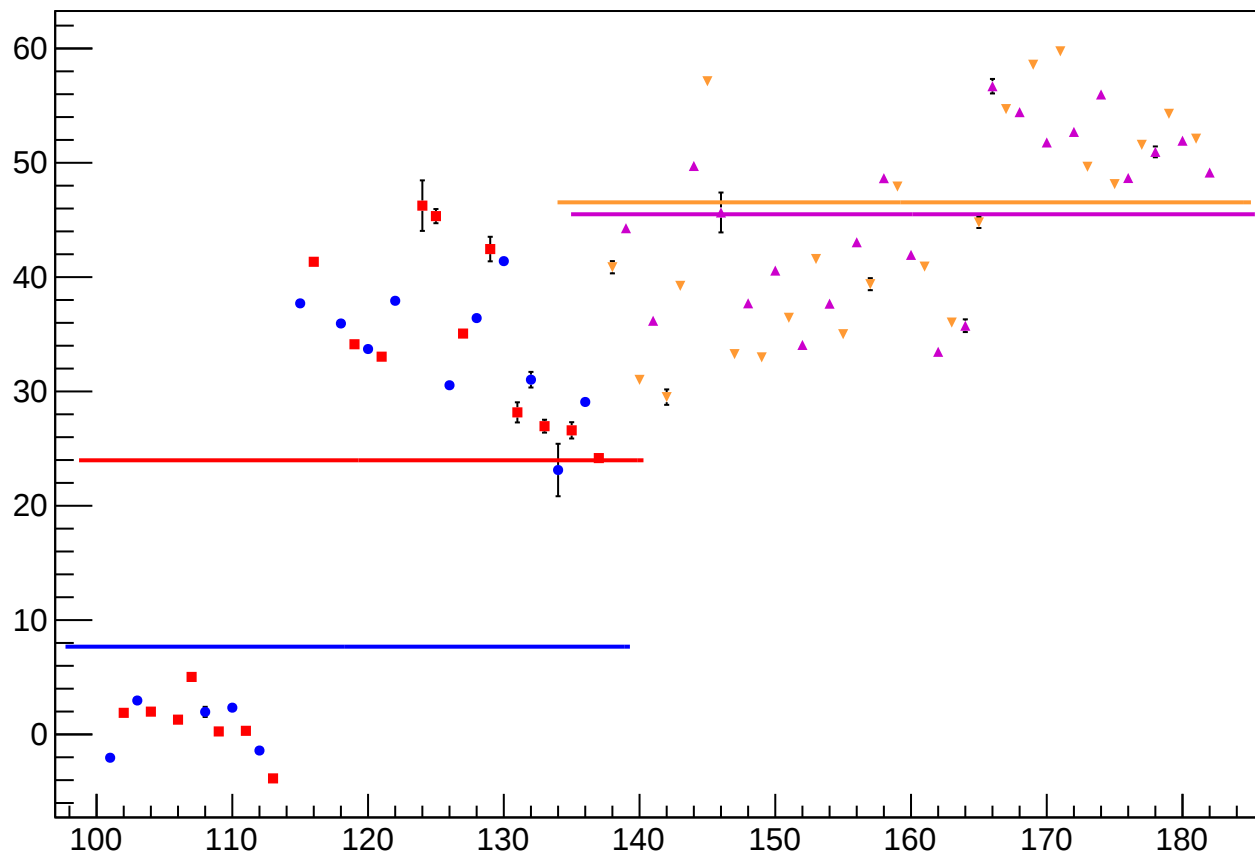
Right: 23.204 $\pm$ 0.045 χ^2 /NDF: 18169.2/32

In: 27.415 $\pm$ 0.045 χ^2 /NDF:19815.7/36

Out: 27.692 $\pm$ 0.043 χ^2 /NDF:27613.8/40

All: 27.560 $\pm$ 0.031 χ^2 /NDF: 47449.3/77

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 46.541 ± 0.053 χ^2/NDF : 26287.3/22

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 45.498 ± 0.049 χ^2/NDF : 18902.6/21

Left: 45.986 ± 0.036 χ^2/NDF : 45398.5/44

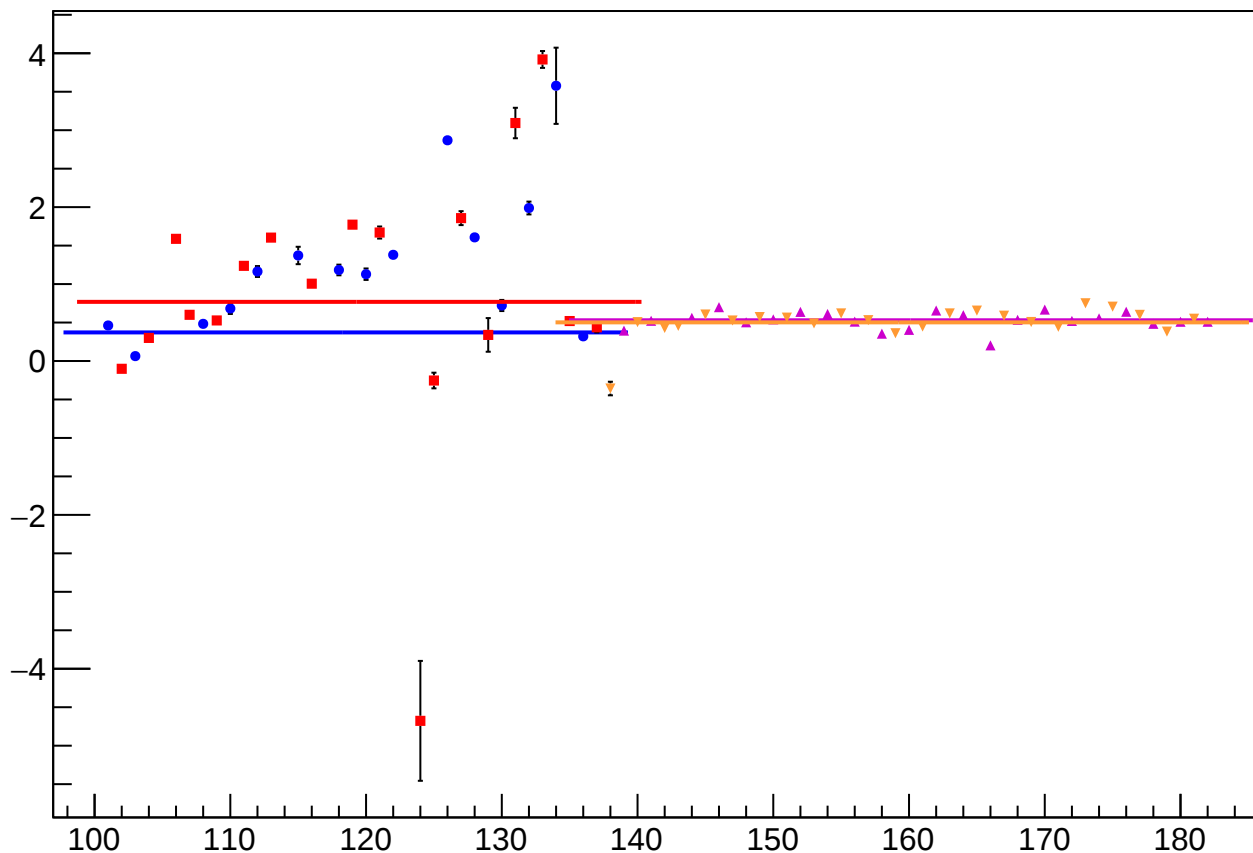
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 24.928 ± 0.033 χ^2/NDF : 434245.7/36

Out: 24.508 ± 0.008 χ^2/NDF : 315963.5/40

All: 24.532 ± 0.008 χ^2/NDF : 750358.3/77

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 $\pm$ 0.004 χ^2 /NDF: 4748.7/14

Left Out: 0.502 $\pm$ 0.001 χ^2 /NDF:15163.1/22

Right Out: 0.769 $\pm$ 0.007 χ^2 /NDF: 4137.5/17

Left In: 0.529 $\pm$ 0.001 χ^2 /NDF:12521.4/21

Left: 0.518 $\pm$ 0.001 χ^2 /NDF: 28146.8/44

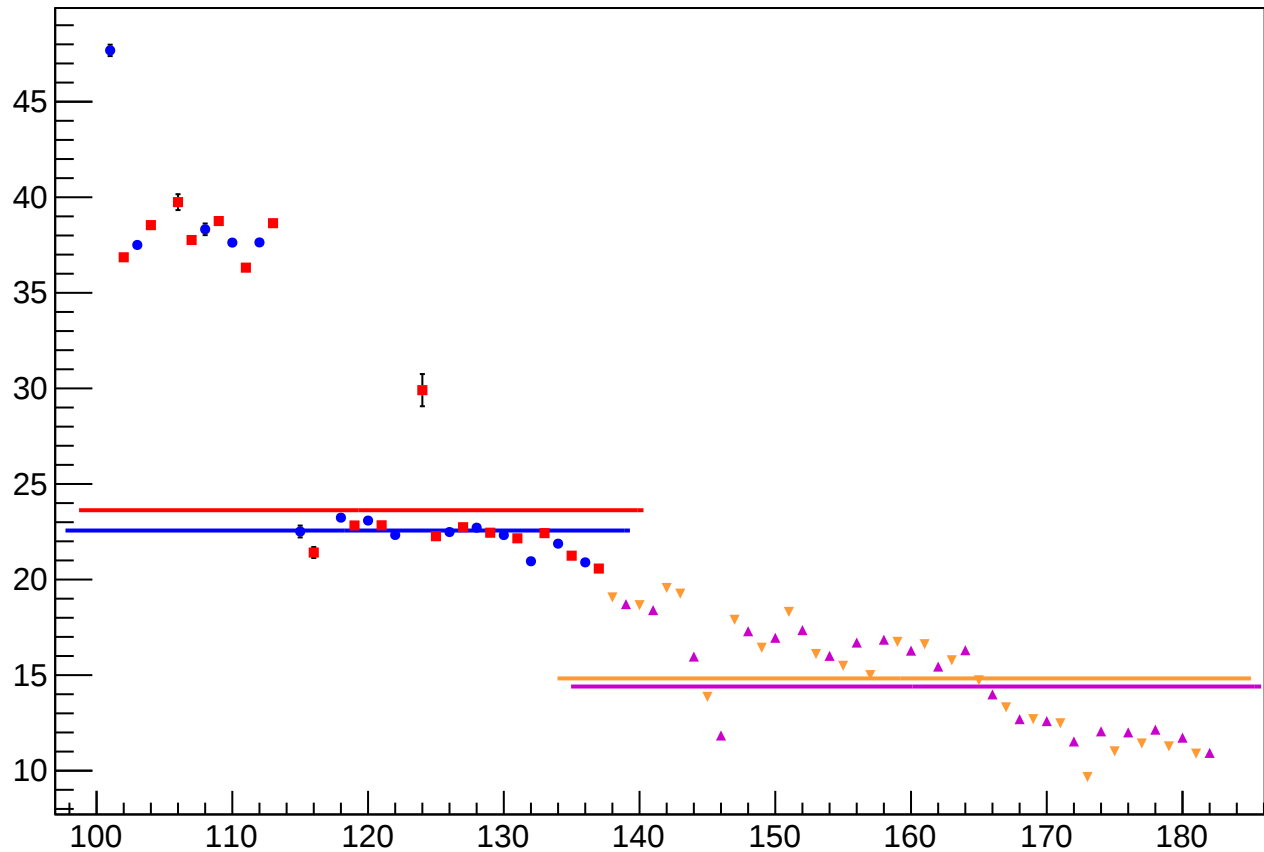
Right: 0.484 $\pm$ 0.004 χ^2 /NDF: 11237.9/32

In: 0.524 $\pm$ 0.001 χ^2 /NDF:18535.3/36

Out: 0.507 $\pm$ 0.001 χ^2 /NDF:20749.9/40

All: 0.517 $\pm$ 0.001 χ^2 /NDF: 39467.3/77

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565+/-0.010 χ^2/NDF : 92859.1/14

Left Out: 14.828+/-0.005 χ^2/NDF : 297177.9/22

Right Out: 23.627+/-0.011 χ^2/NDF : 123194.1/17

Left In: 14.403+/-0.006 χ^2/NDF : 204146.0/21

Left: 14.622+/-0.004 χ^2/NDF : 504355.6/44

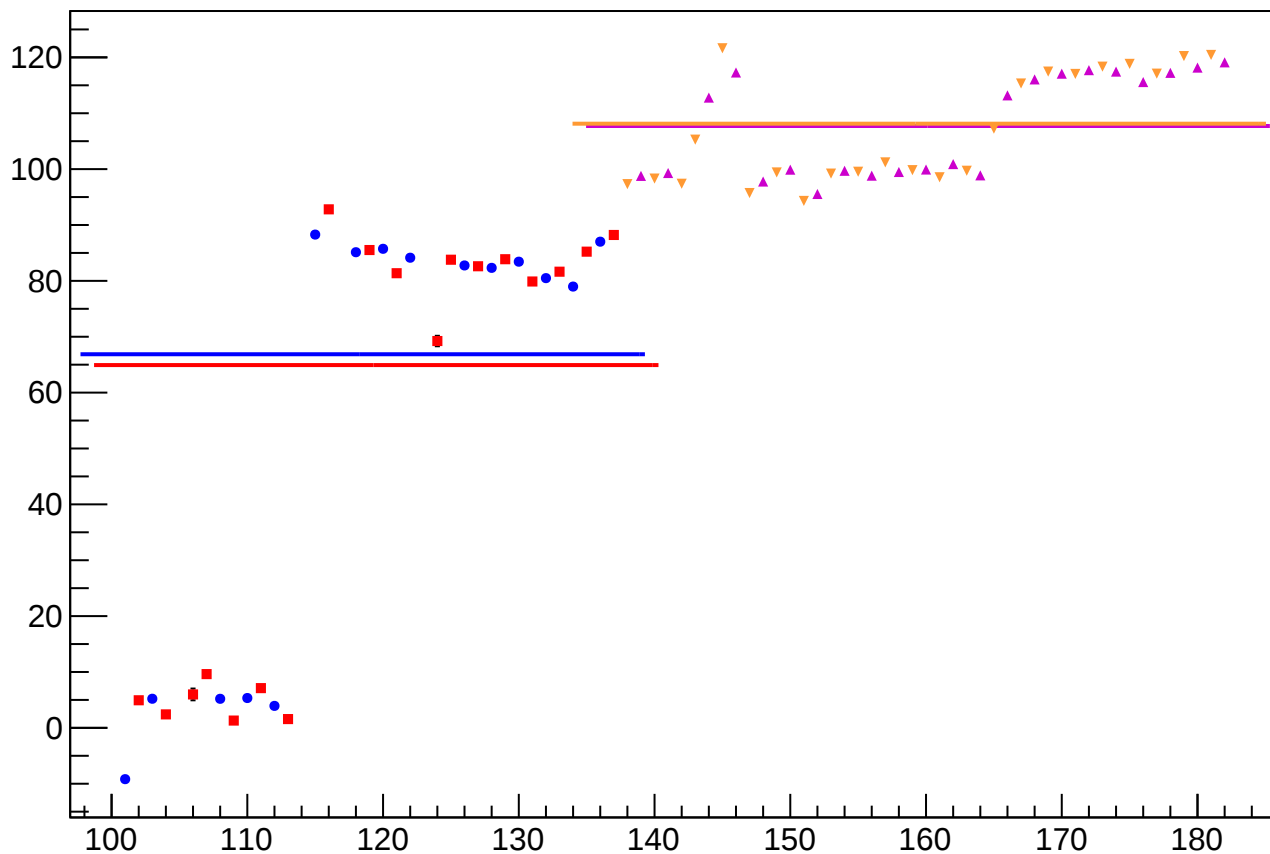
Right: 23.044+/-0.008 χ^2/NDF : 220970.6/32

In: 16.263+/-0.005 χ^2/NDF : 793903.5/36

Out: 16.470+/-0.005 χ^2/NDF : 920475.4/40

All: 16.367+/-0.003 χ^2/NDF : 1715283.4/77

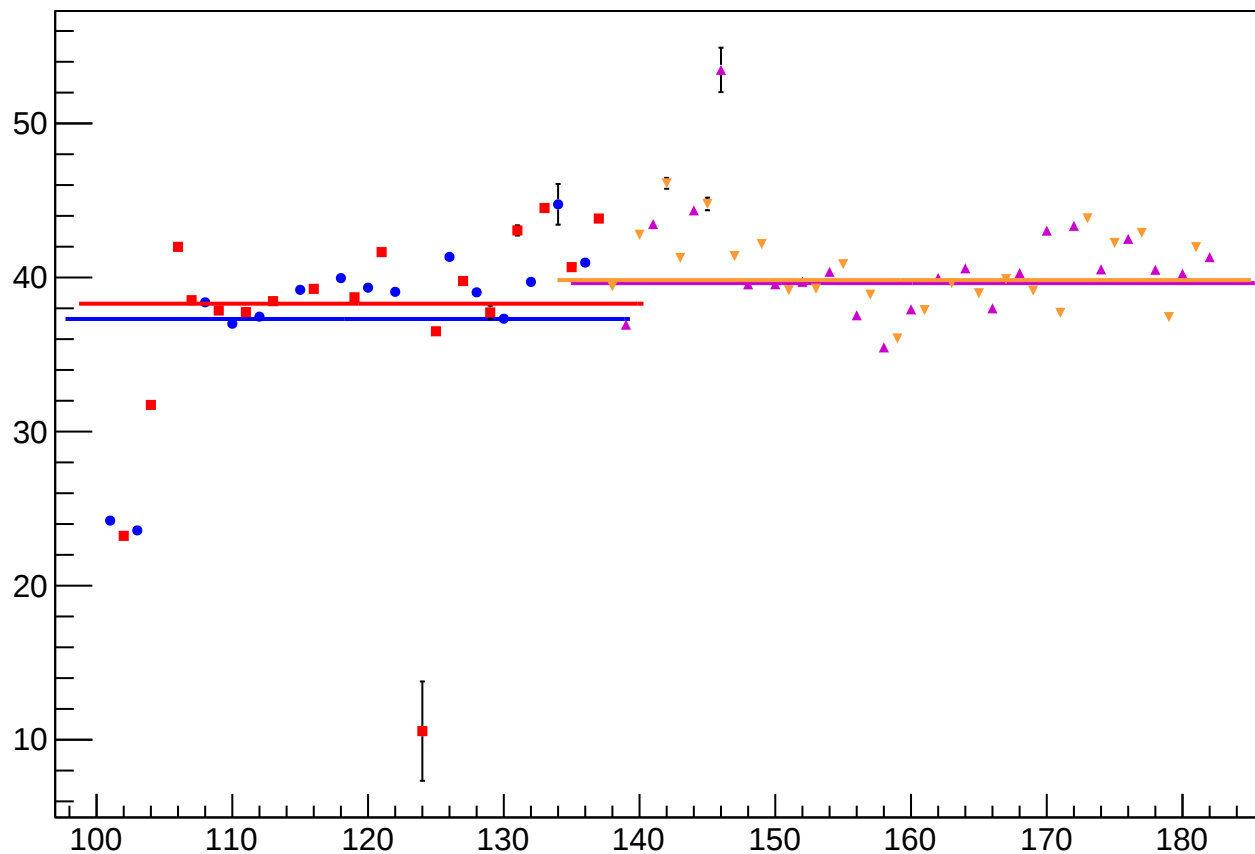
dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14
 Left Out: 108.131 $\pm$ 0.010 χ^2 /NDF: 960443.9/22
 Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17
 Left In: 107.719 $\pm$ 0.010 χ^2 /NDF: 898602.0/21

Left: 107.920 $\pm$ 0.007 χ^2 /NDF: 1859934.6/44
 Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32
 In: 103.115 $\pm$ 0.009 χ^2 /NDF: 4415173.6/36
 Out: 103.848 $\pm$ 0.009 χ^2 /NDF: 4197564.3/40
 All: 103.470 $\pm$ 0.007 χ^2 /NDF: 8615894.2/77

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 39.832 ± 0.028 $\chi^2/\text{NDF}: 6855.1/22$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 39.637 ± 0.023 $\chi^2/\text{NDF}: 8730.6/21$

Left: 39.717 ± 0.018 $\chi^2/\text{NDF}: 15614.9/44$

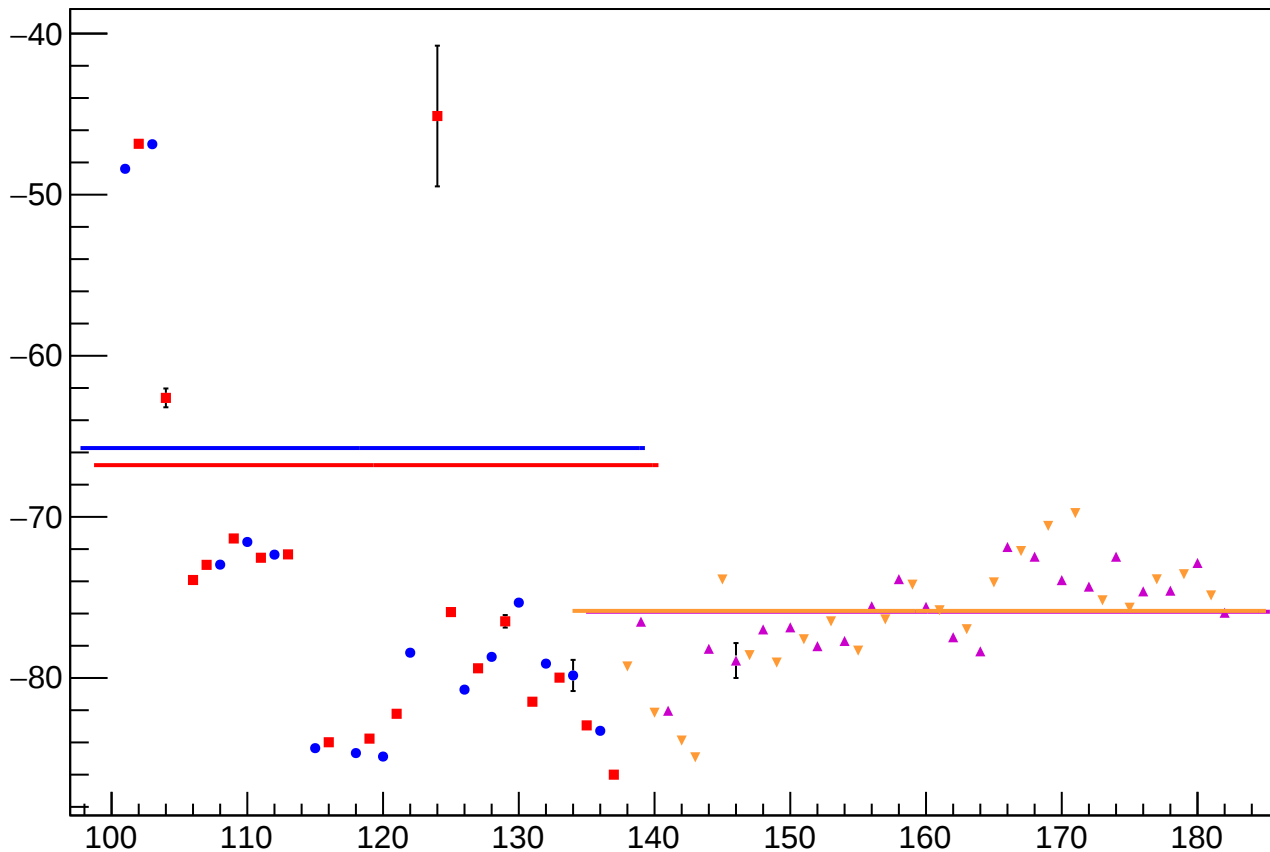
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 38.469 ± 0.016 $\chi^2/\text{NDF}: 73387.1/36$

Out: 38.842 ± 0.016 $\chi^2/\text{NDF}: 27668.7/40$

All: 38.654 ± 0.012 $\chi^2/\text{NDF}: 101313.9/77$

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -75.834 ± 0.022 $\chi^2/\text{NDF}: 23517.7/22$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -75.888 ± 0.019 $\chi^2/\text{NDF}: 11925.3/21$

Left: -75.865 ± 0.015 $\chi^2/\text{NDF}: 35446.4/44$

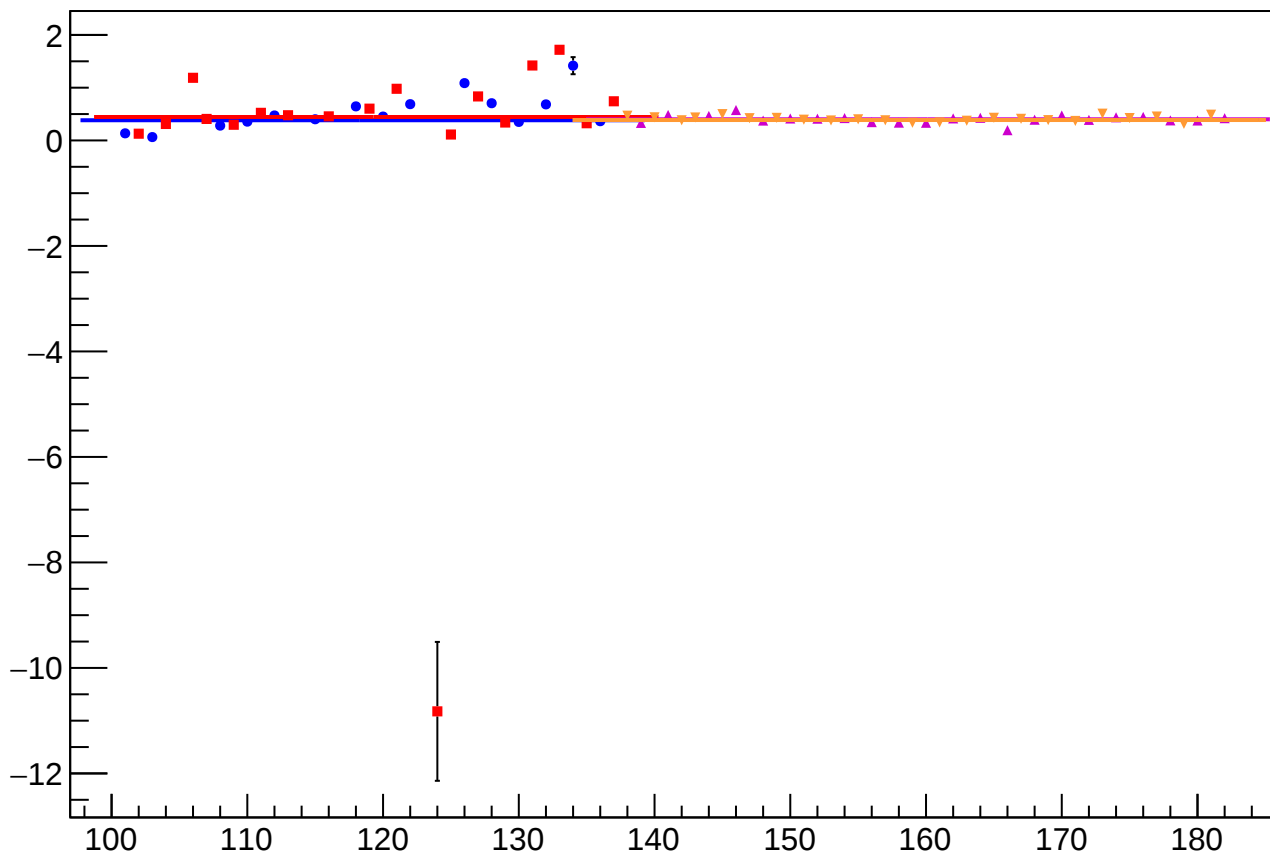
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -70.139 ± 0.013 $\chi^2/\text{NDF}: 1072870.9/36$

Out: -69.826 ± 0.013 $\chi^2/\text{NDF}: 942877.8/40$

All: -69.985 ± 0.009 $\chi^2/\text{NDF}: 2016048.9/77$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.387 $\pm$ 0.000 χ^2 /NDF:10432.4/22

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.401 $\pm$ 0.000 χ^2 /NDF:8532.1/21

Left: 0.394 $\pm$ 0.000 χ^2 /NDF: 19414.4/44

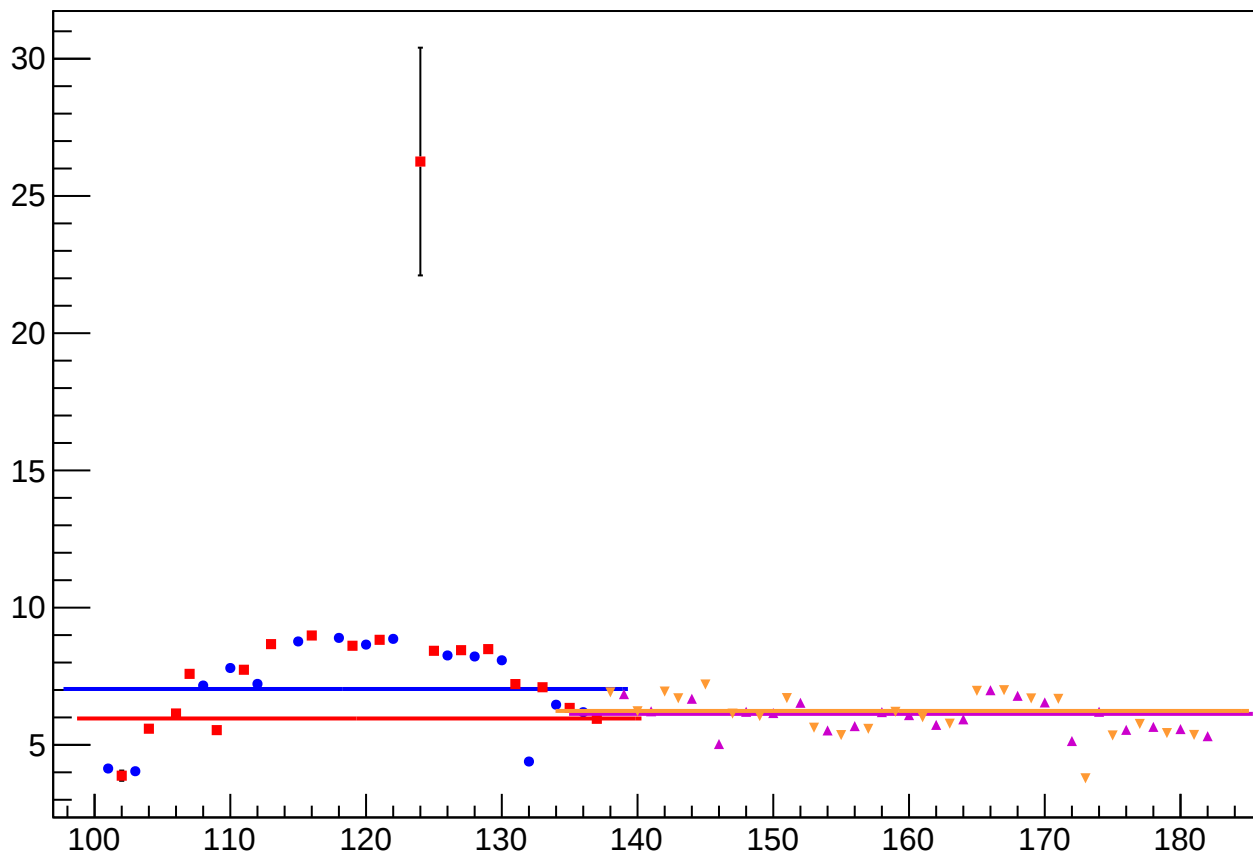
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.400 $\pm$ 0.000 χ^2 /NDF:16794.7/36

Out: 0.388 $\pm$ 0.000 χ^2 /NDF:13459.0/40

All: 0.394 $\pm$ 0.000 χ^2 /NDF: 30597.8/77

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 ± 0.005 χ^2/NDF : 69905.1/14

Left Out: 6.237 ± 0.002 χ^2/NDF : 115861.9/22

Right Out: 5.962 ± 0.000 χ^2/NDF : 168372.8/17

Left In: 6.130 ± 0.002 χ^2/NDF : 55690.3/21

Left: 6.183 ± 0.001 χ^2/NDF : 174024.8/44

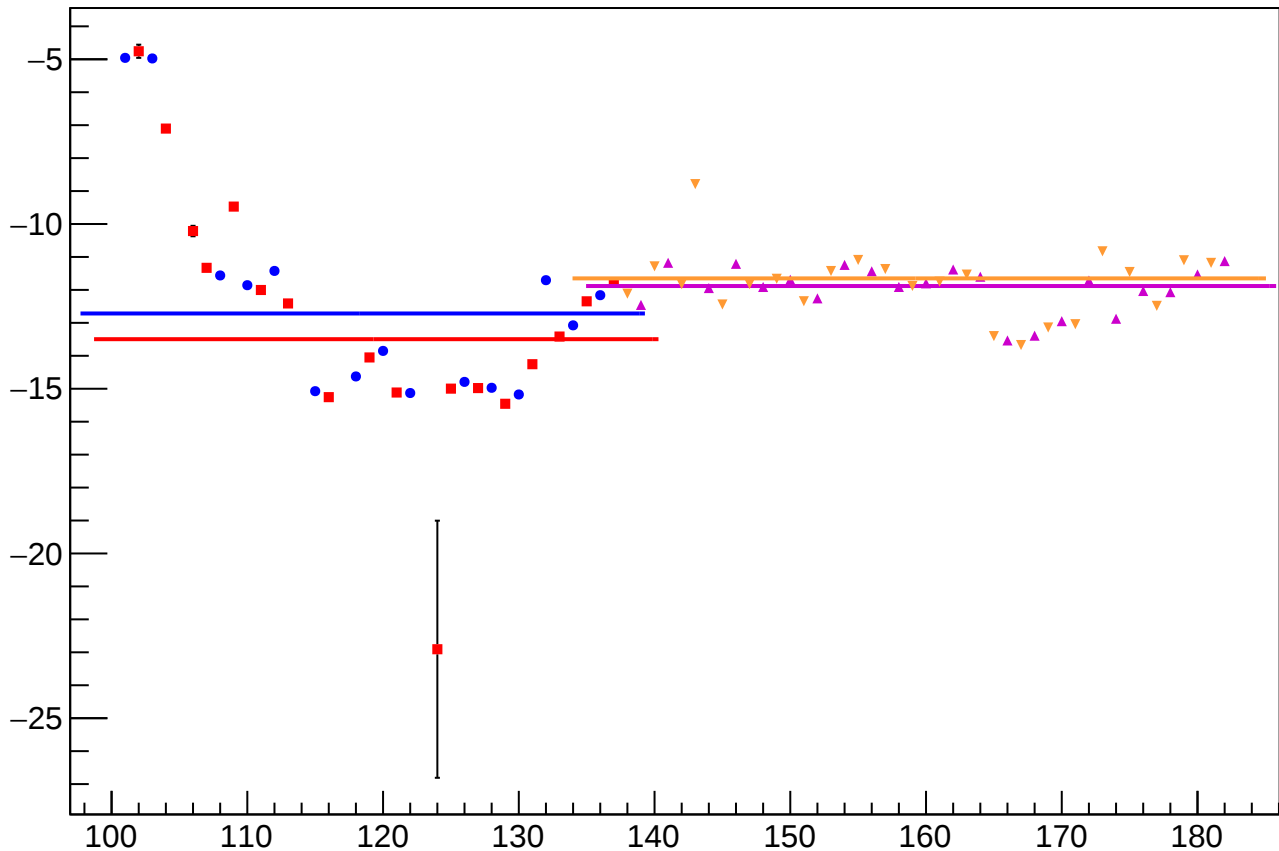
Right: 5.970 ± 0.000 χ^2/NDF : 294275.6/32

In: 6.221 ± 0.001 χ^2/NDF : 161740.4/36

Out: 5.980 ± 0.000 χ^2/NDF : 314414.1/40

All: 5.997 ± 0.000 χ^2/NDF : 502428.5/77

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -11.651 ± 0.002 $\chi^2/\text{NDF}: 344020.7/22$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.882 ± 0.002 $\chi^2/\text{NDF}: 66523.4/21$

Left: -11.766 ± 0.001 $\chi^2/\text{NDF}: 416645.0/44$

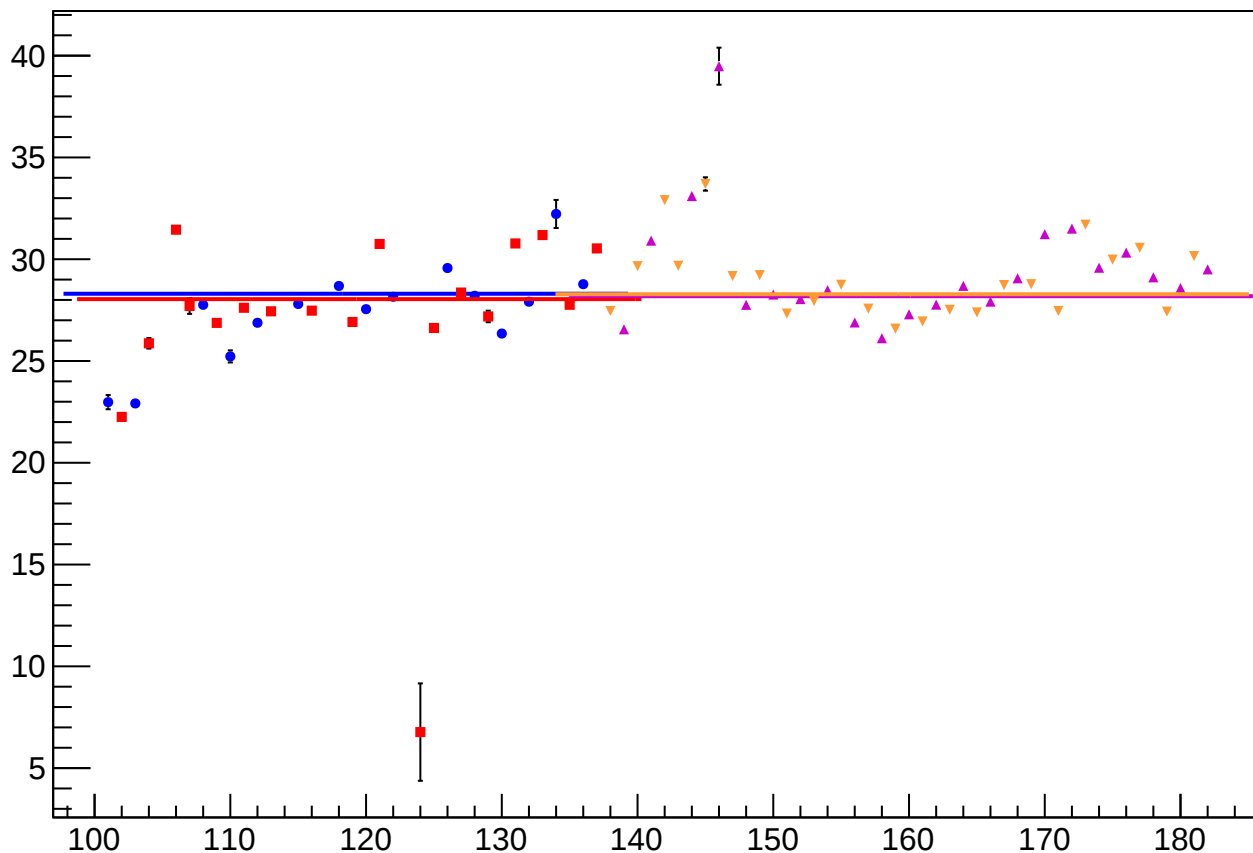
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -11.964 ± 0.002 $\chi^2/\text{NDF}: 167132.1/36$

Out: -11.863 ± 0.002 $\chi^2/\text{NDF}: 489016.1/40$

All: -11.913 ± 0.001 $\chi^2/\text{NDF}: 657447.6/77$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.281 $\pm$ 0.018 χ^2 /NDF: 6706.9/22

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 28.183 $\pm$ 0.015 χ^2 /NDF: 8970.9/21

Left: 28.223 $\pm$ 0.011 χ^2 /NDF: 15695.7/44

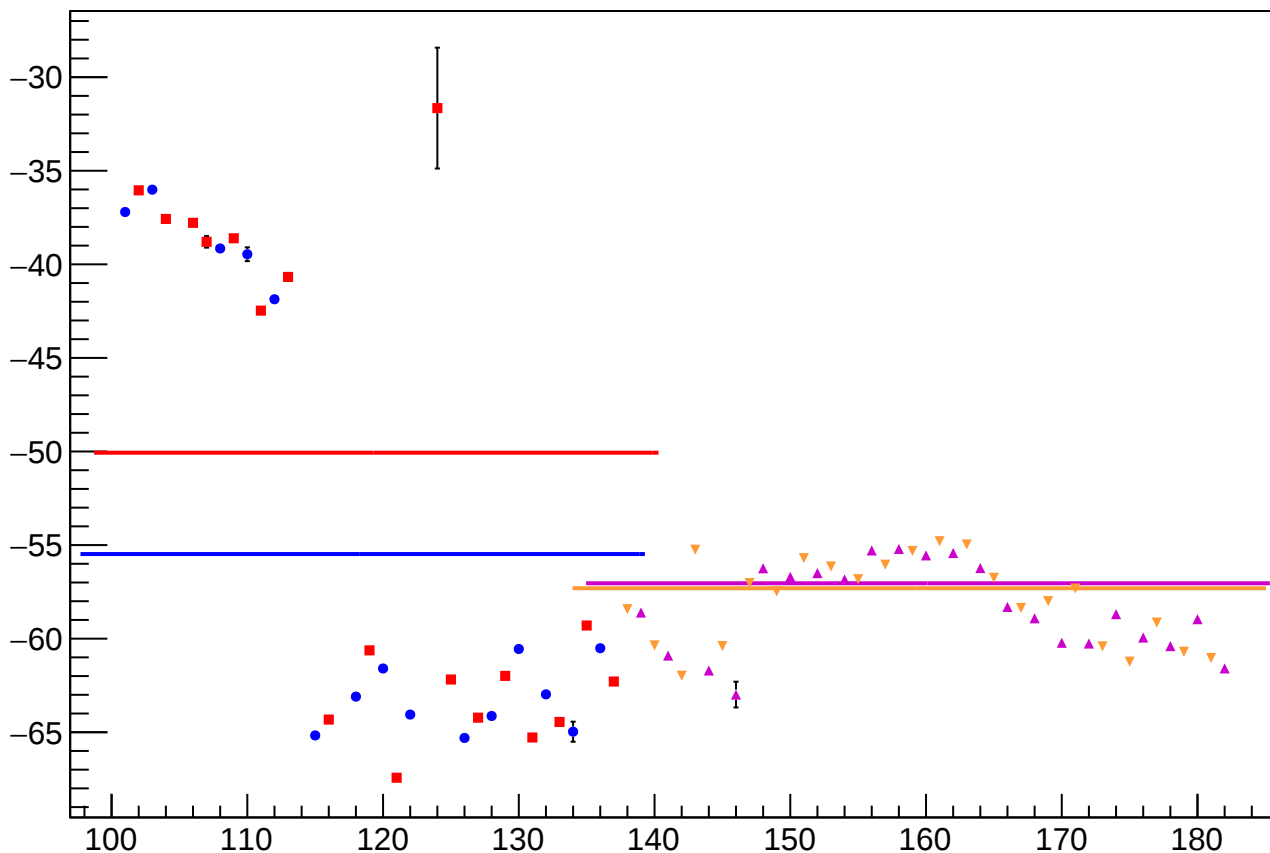
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.218 $\pm$ 0.012 χ^2 /NDF: 12390.4/36

Out: 28.219 $\pm$ 0.015 χ^2 /NDF: 9315.4/40

All: 28.219 $\pm$ 0.010 χ^2 /NDF: 21705.9/77

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 χ^2/NDF : 595140.3/14

Left Out: -57.307 ± 0.015 χ^2/NDF : 22322.2/22

Right Out: -50.065 ± 0.023 χ^2/NDF : 340098.3/17

Left In: -57.042 ± 0.013 χ^2/NDF : 19296.1/21

Left: -57.157 ± 0.010 χ^2/NDF : 41806.2/44

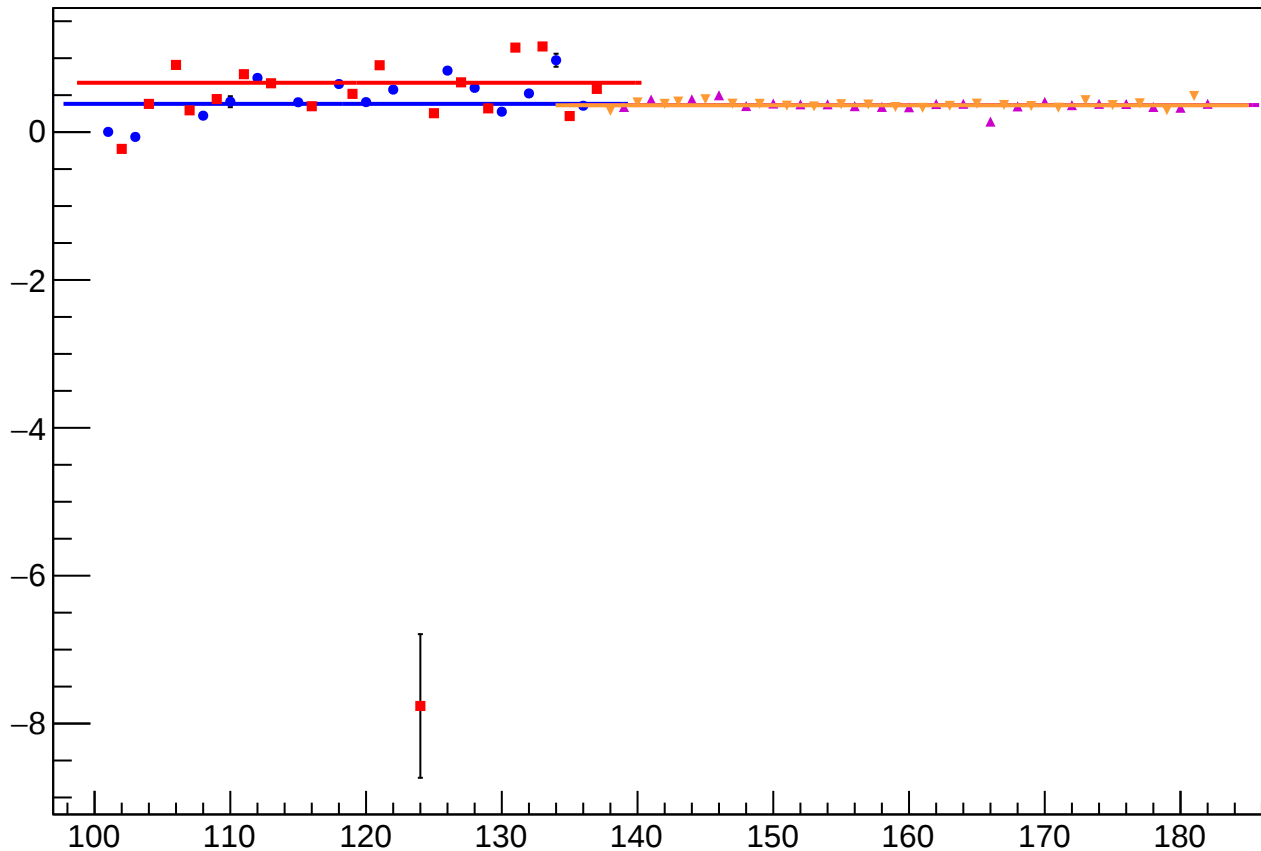
Right: -53.644 ± 0.013 χ^2/NDF : 971470.1/32

In: -56.460 ± 0.010 χ^2/NDF : 620017.3/36

Out: -55.240 ± 0.012 χ^2/NDF : 432505.5/40

All: -55.971 ± 0.008 χ^2/NDF : 1058364.0/77

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 χ^2/NDF : 4595.8/14

Left Out: 0.363 ± 0.000 χ^2/NDF : 8196.9/22

Right Out: 0.668 ± 0.005 χ^2/NDF : 3704.8/17

Left In: 0.366 ± 0.000 χ^2/NDF : 6048.6/21

Left: 0.365 ± 0.000 χ^2/NDF : 14277.3/44

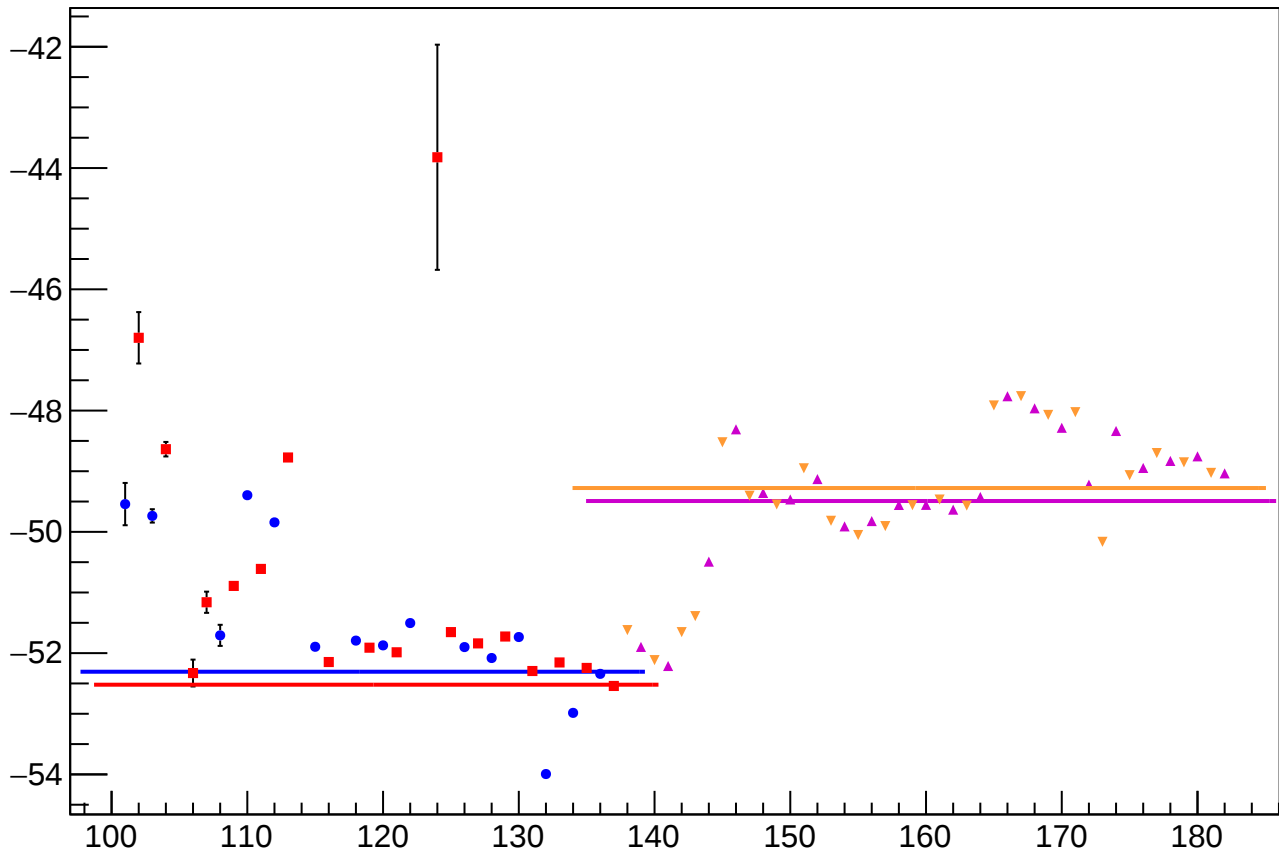
Right: 0.413 ± 0.002 χ^2/NDF : 11721.4/32

In: 0.367 ± 0.000 χ^2/NDF : 10742.1/36

Out: 0.365 ± 0.000 χ^2/NDF : 16239.3/40

All: 0.366 ± 0.000 χ^2/NDF : 26994.3/77

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -49.277 ± 0.001 χ^2/NDF : 510702.3/22

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.491 ± 0.001 χ^2/NDF : 430461.3/21

Left: -49.383 ± 0.001 χ^2/NDF : 953030.9/44

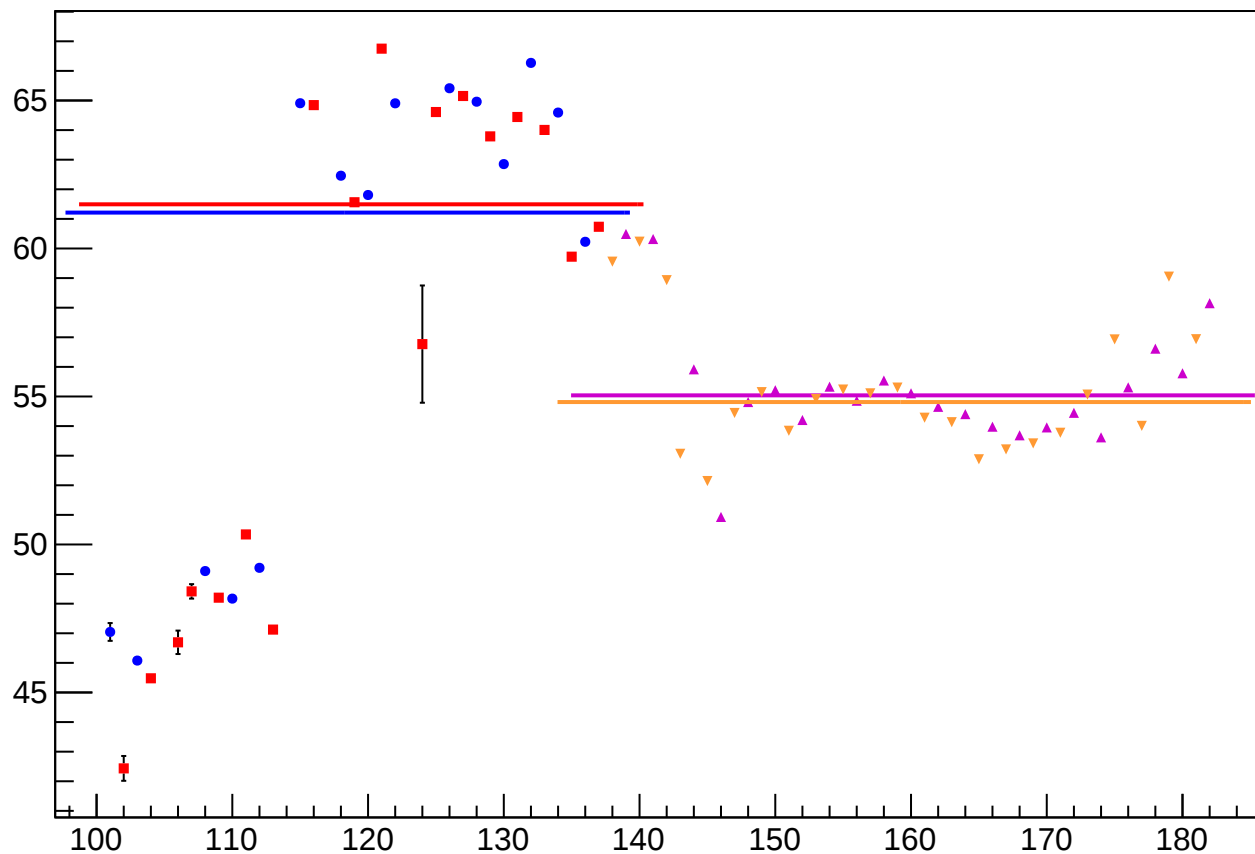
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -49.816 ± 0.001 χ^2/NDF : 921516.4/36

Out: -51.257 ± 0.001 χ^2/NDF : 3894208.5/40

All: -50.825 ± 0.001 χ^2/NDF : 5653374.7/77

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 54.812 $\pm$ 0.003 χ^2/NDF : 268720.9/22

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.038 $\pm$ 0.003 χ^2/NDF : 85514.1/21

Left: 54.936 $\pm$ 0.002 χ^2/NDF : 357032.1/44

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.513 $\pm$ 0.003 χ^2/NDF : 599240.9/36

Out: 56.027 $\pm$ 0.003 χ^2/NDF : 1321545.0/40

All: 55.760 $\pm$ 0.002 χ^2/NDF : 1937497.9/77

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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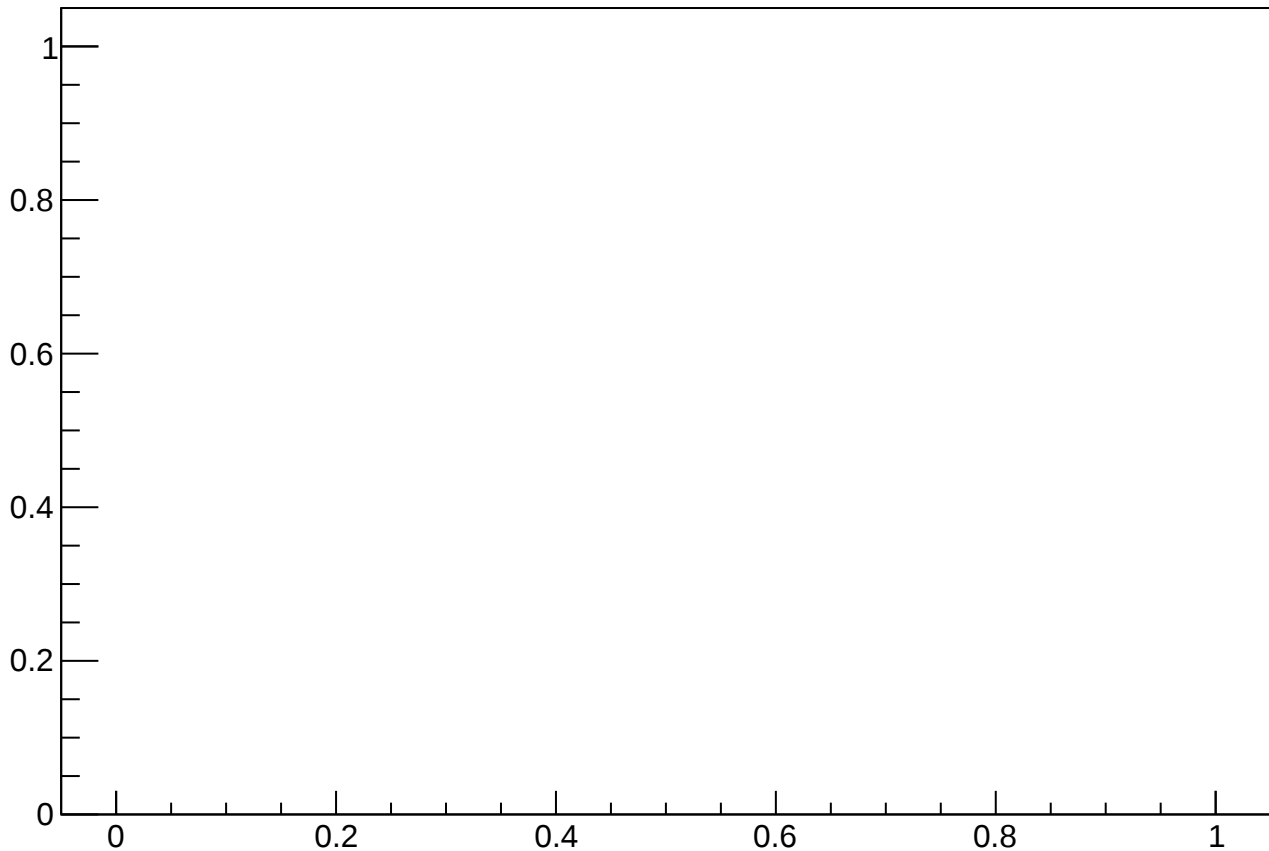
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

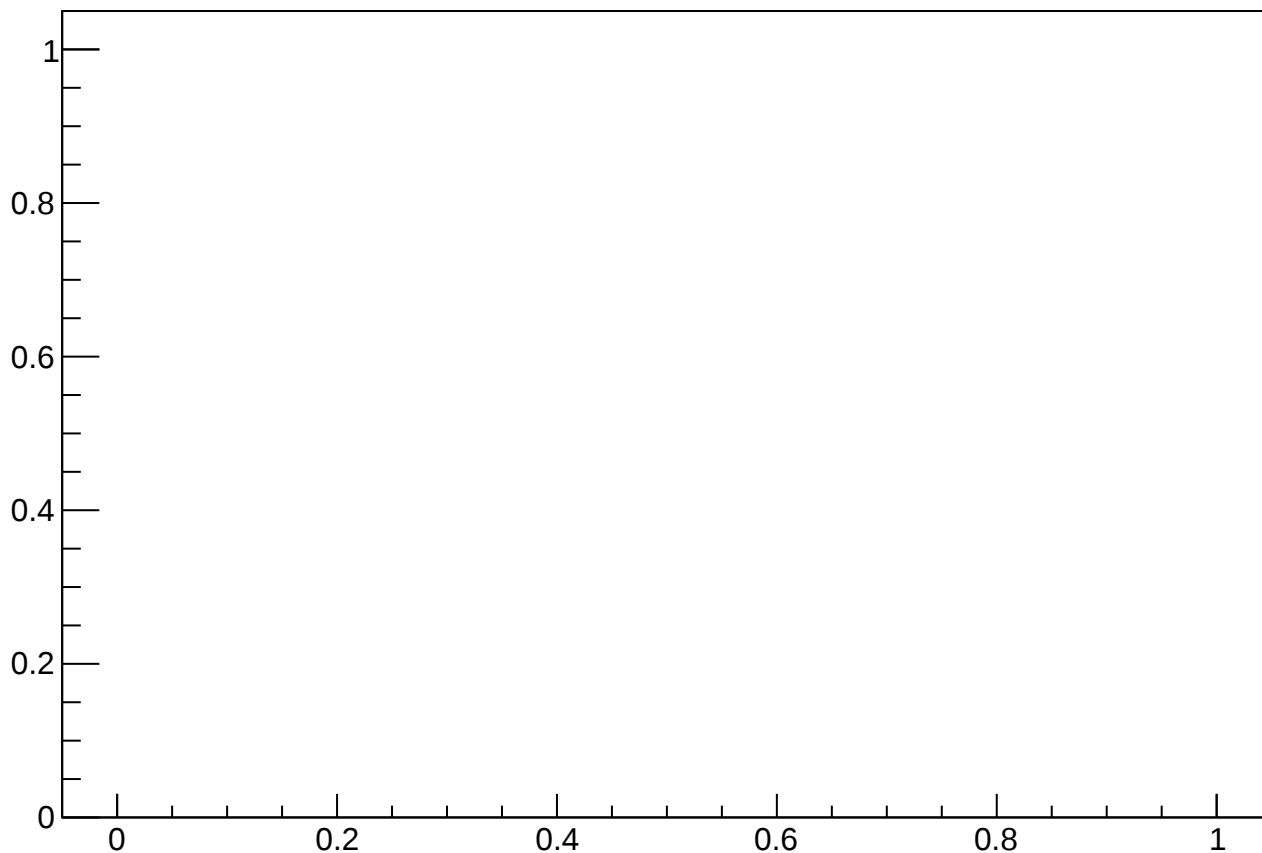
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

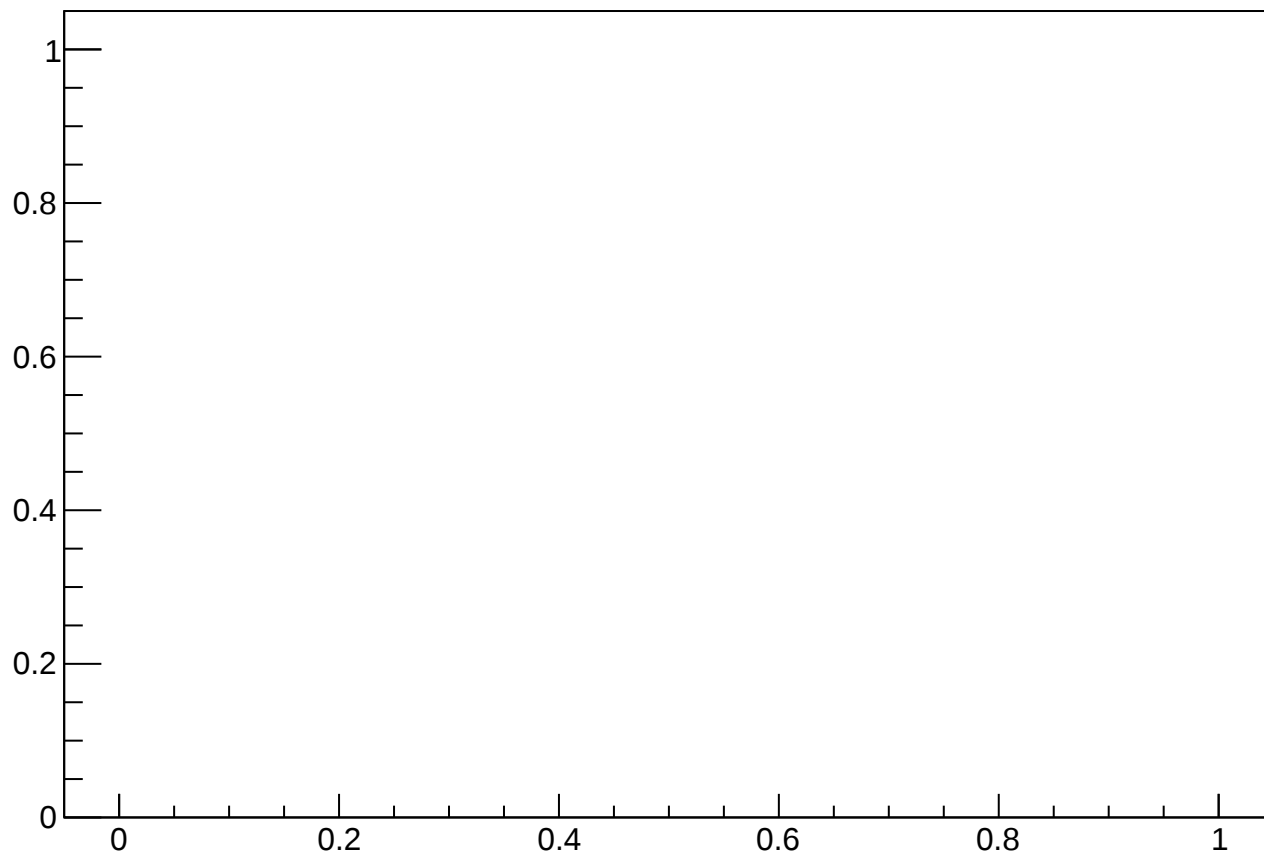
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

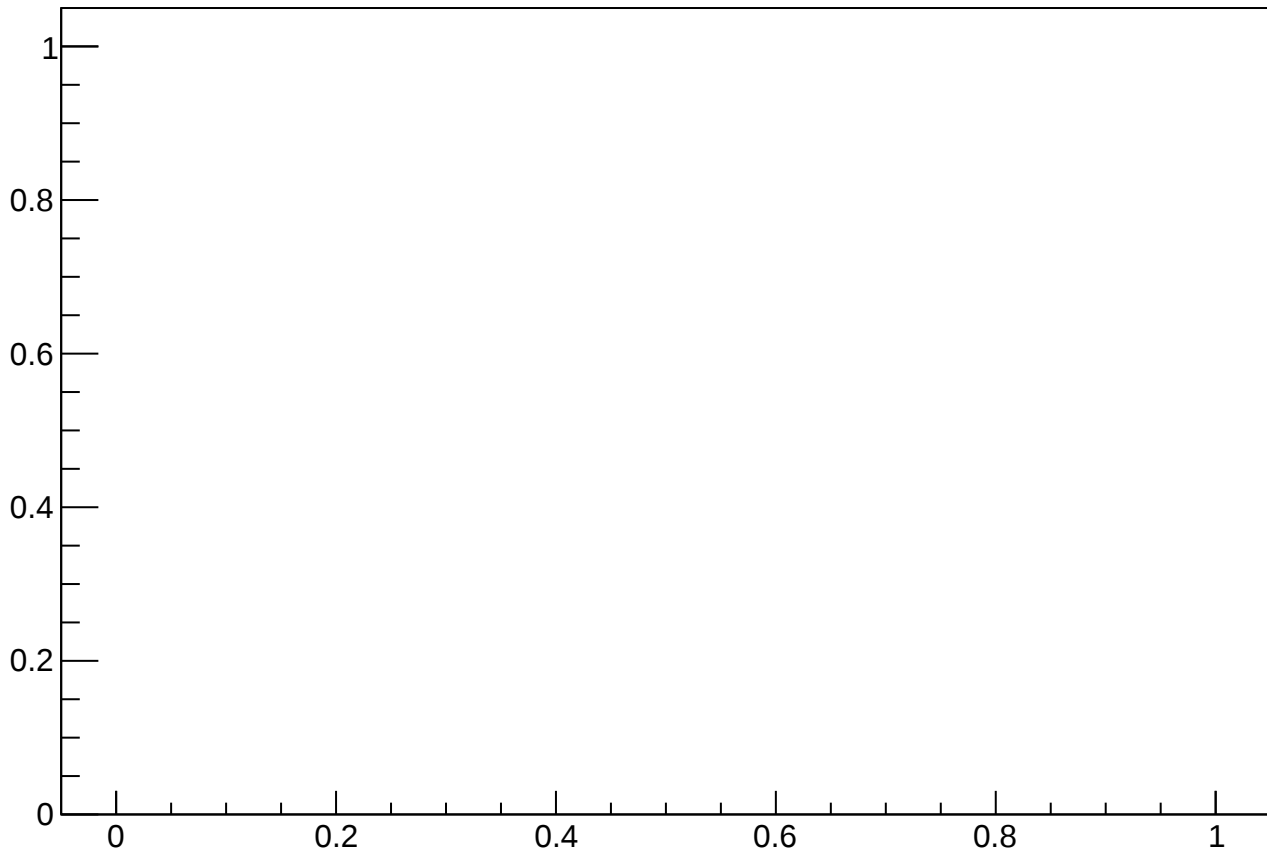
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

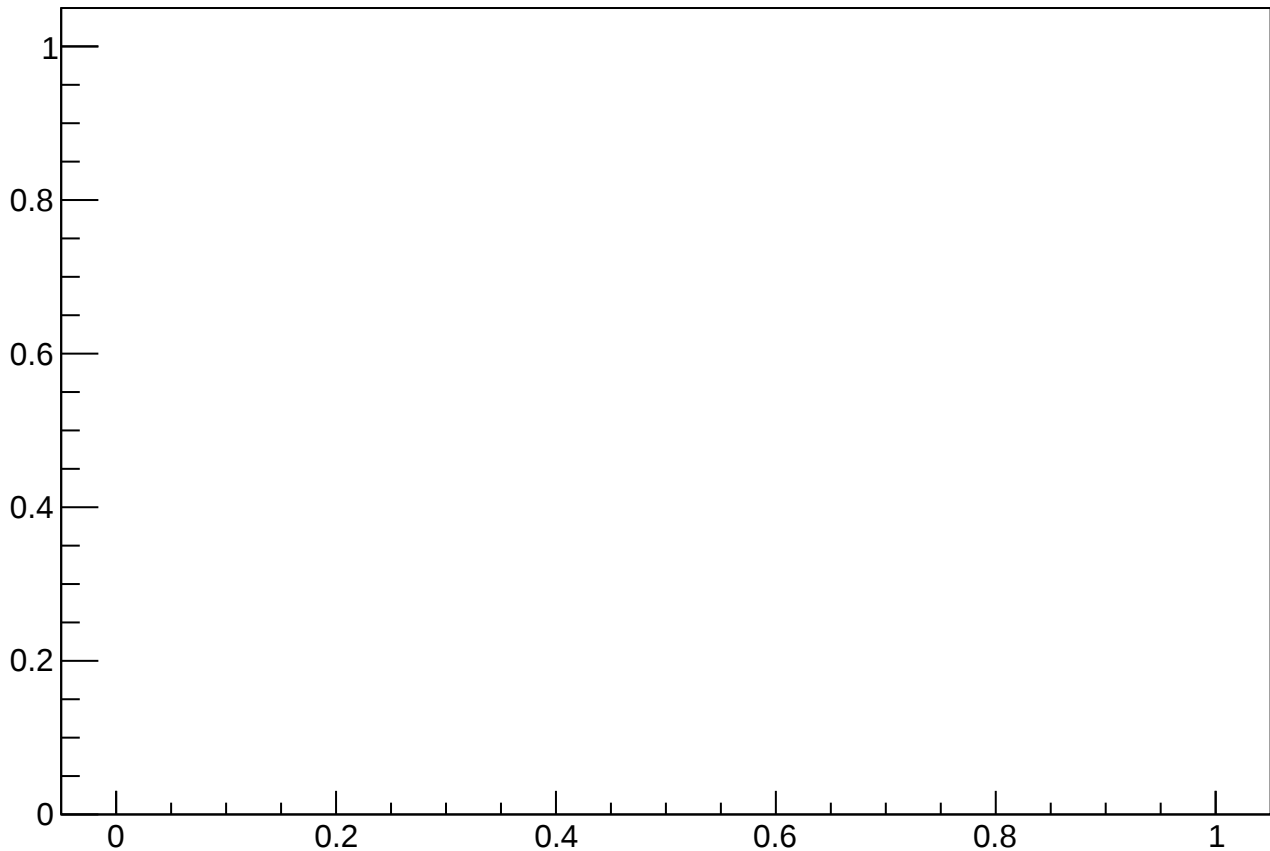
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

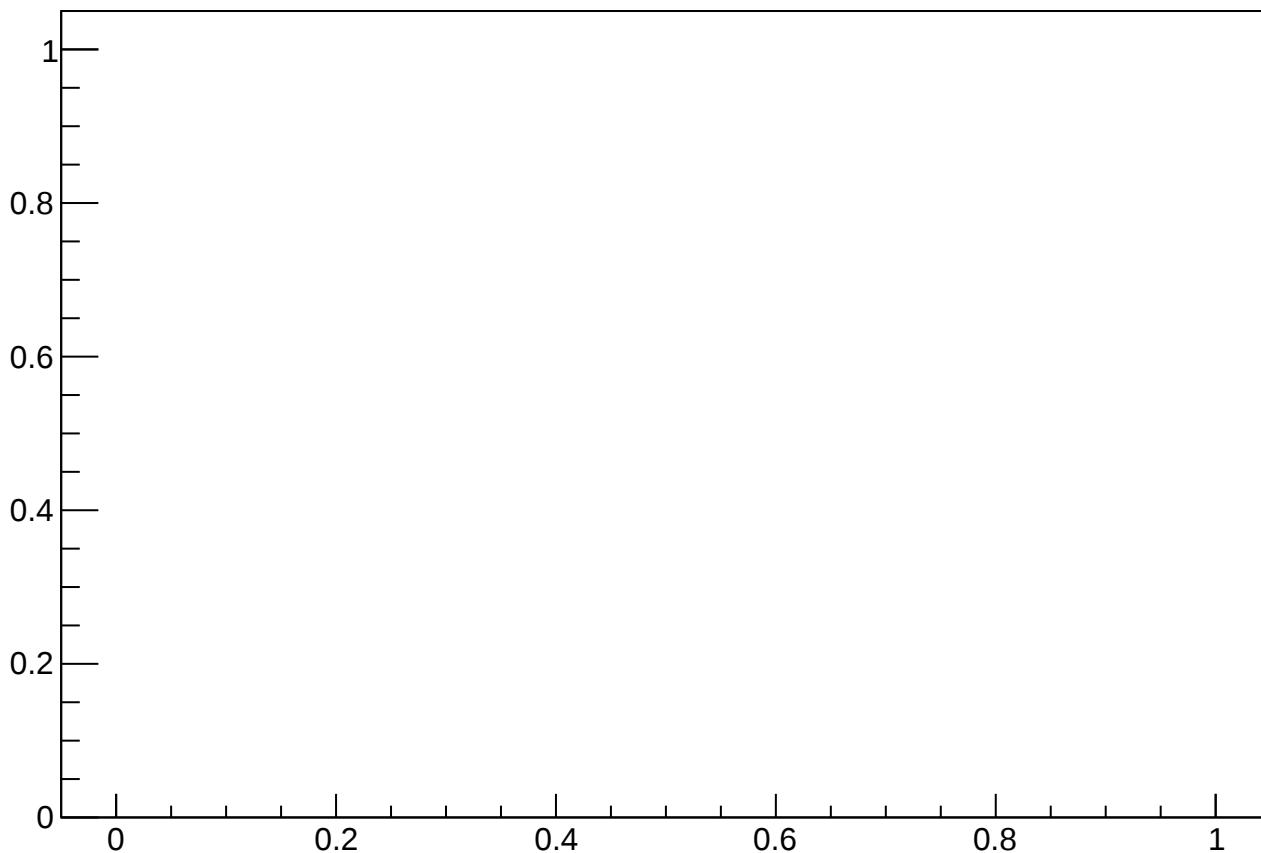
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

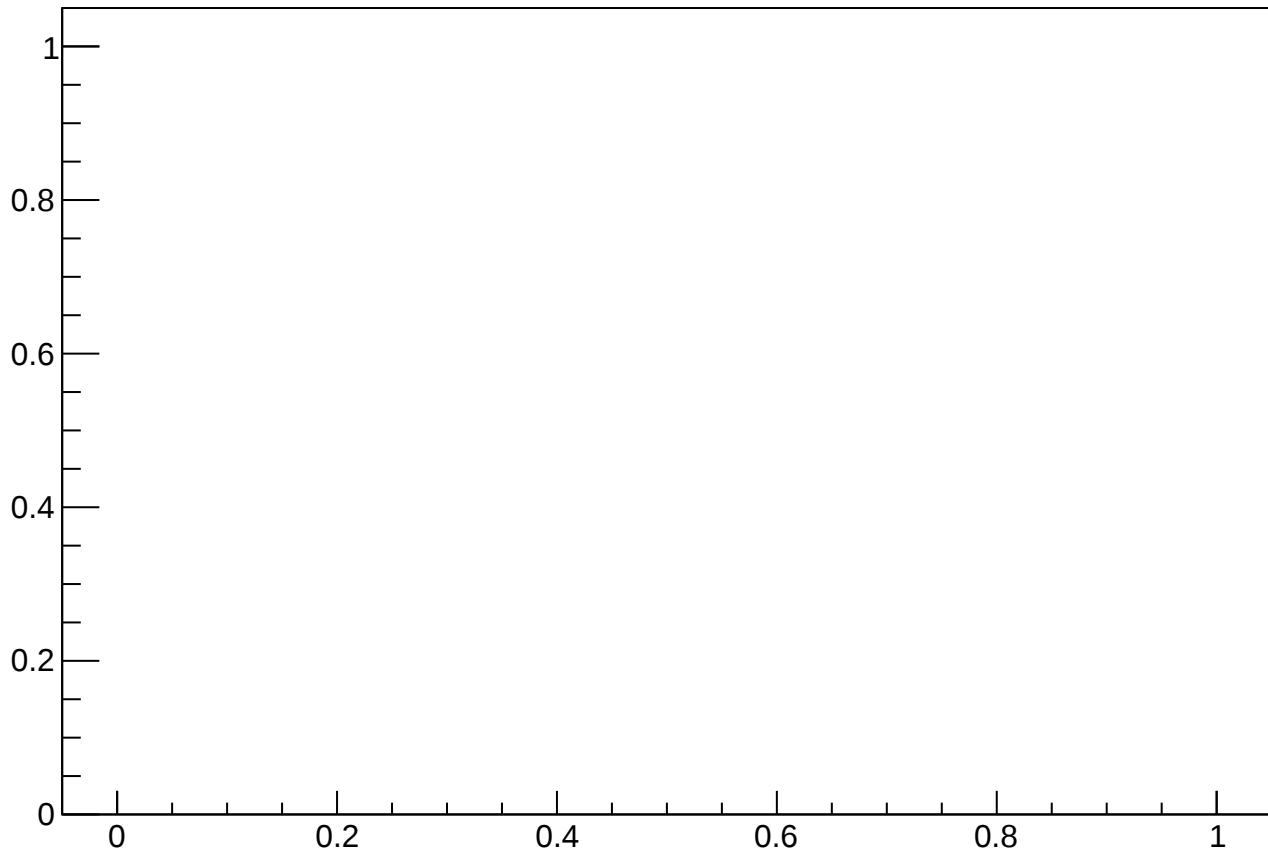
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

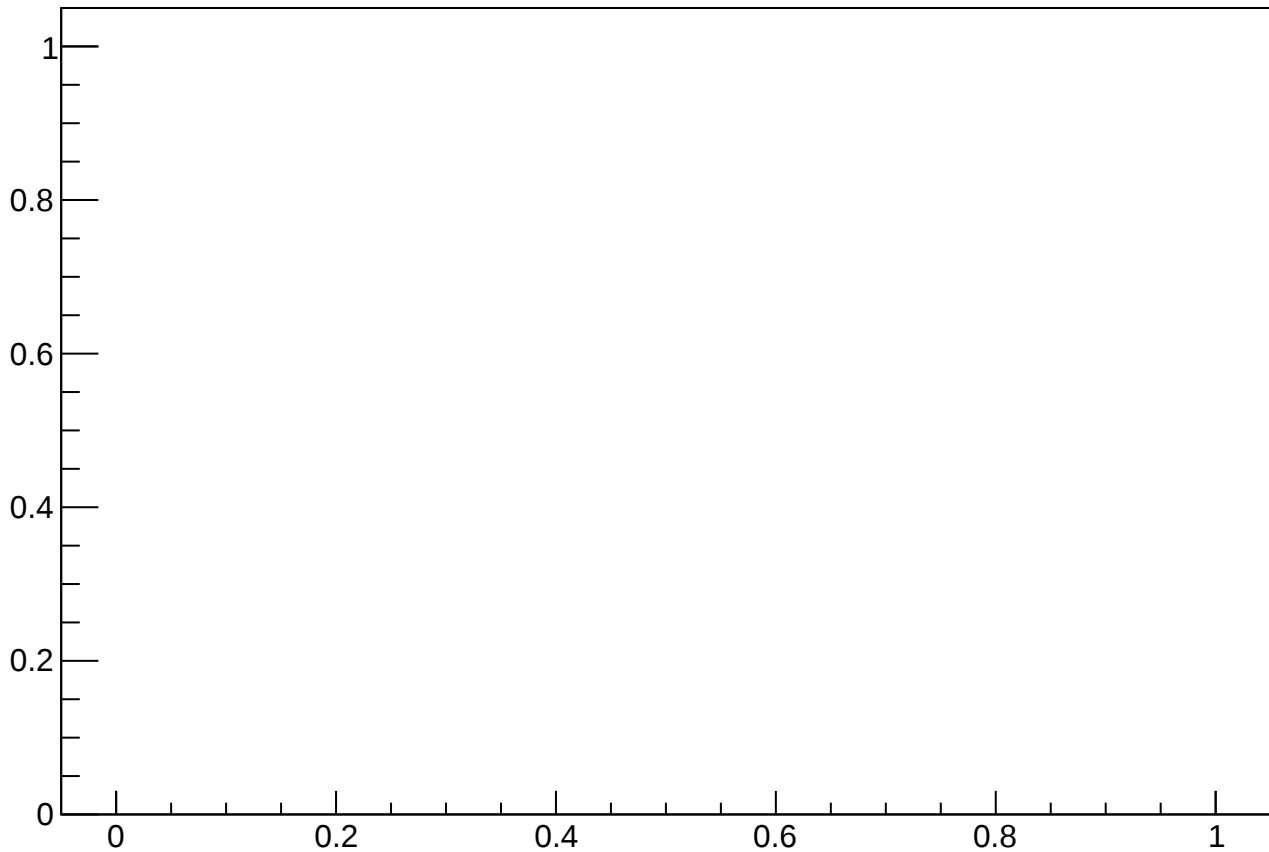
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

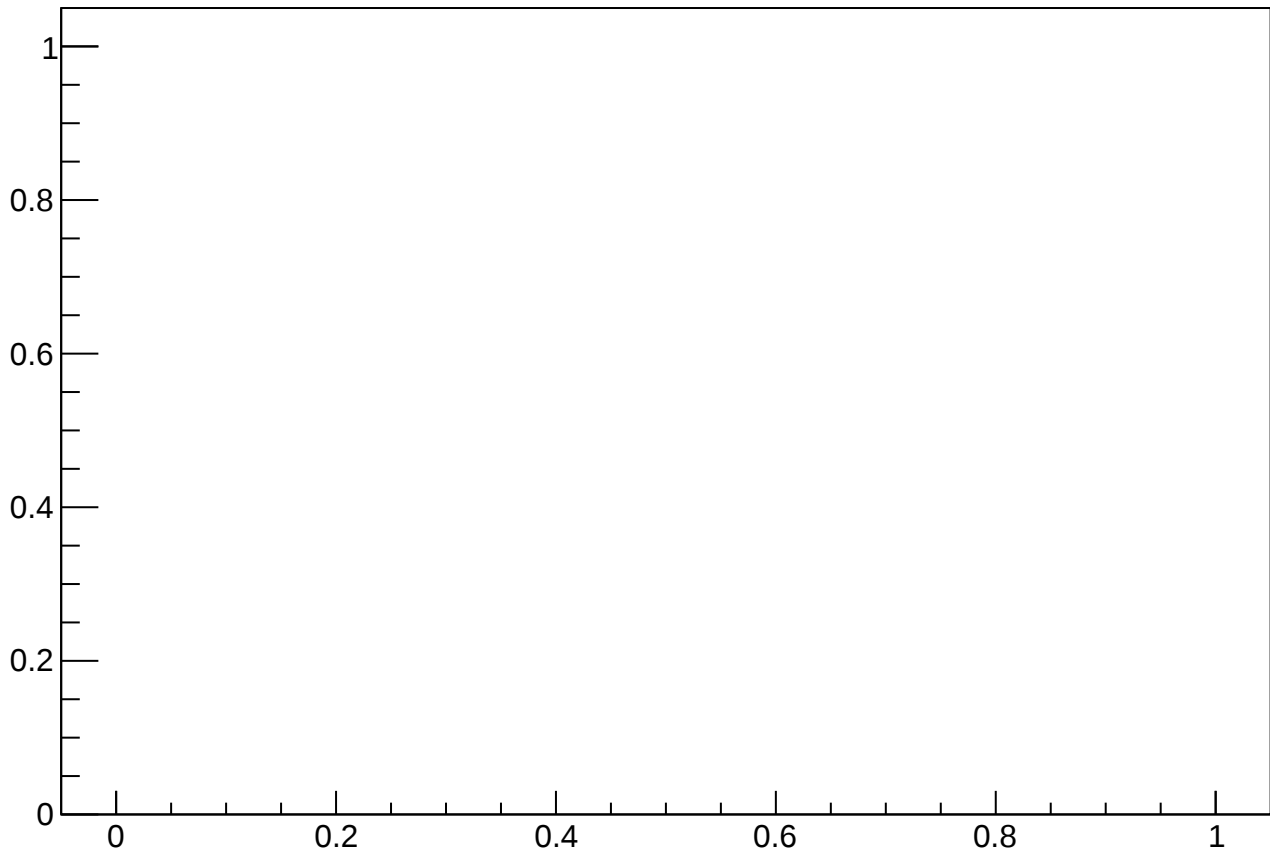
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

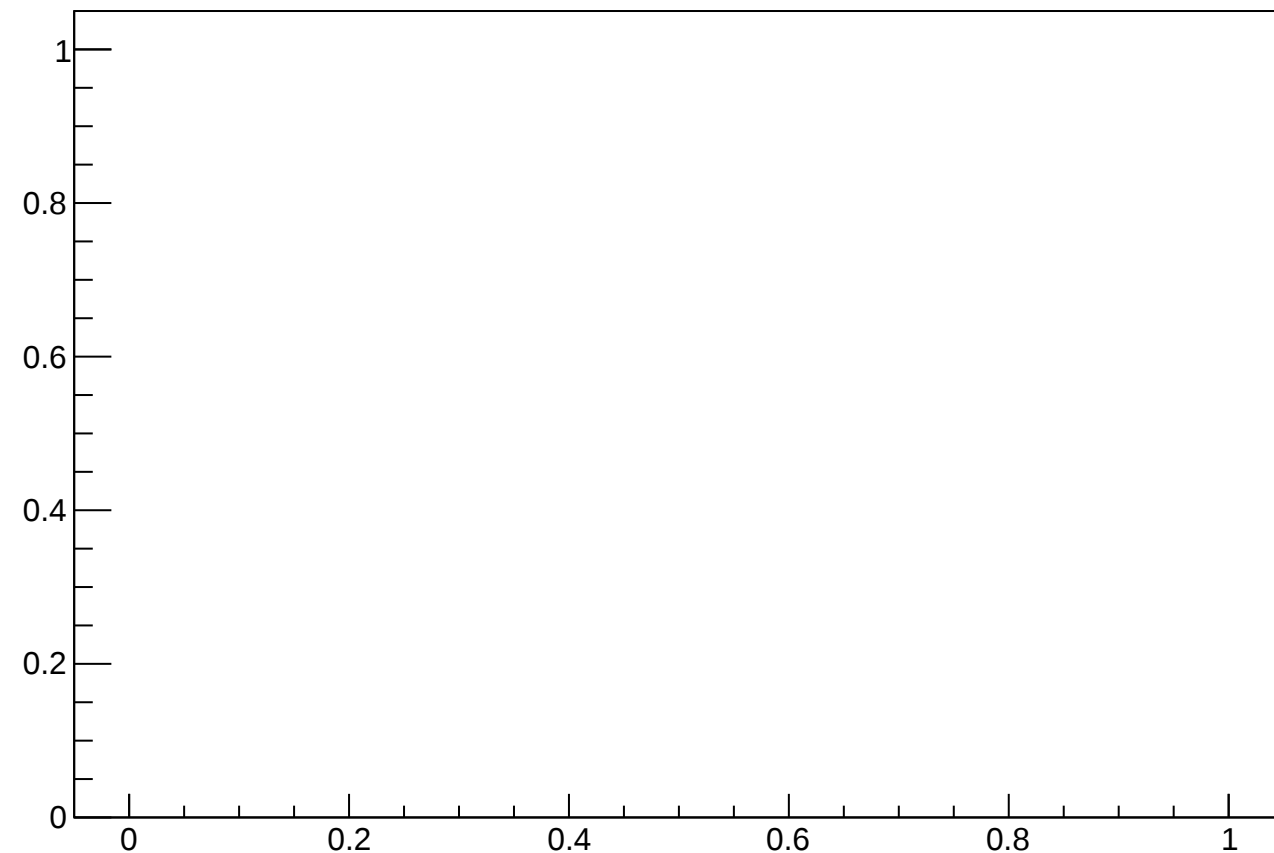
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

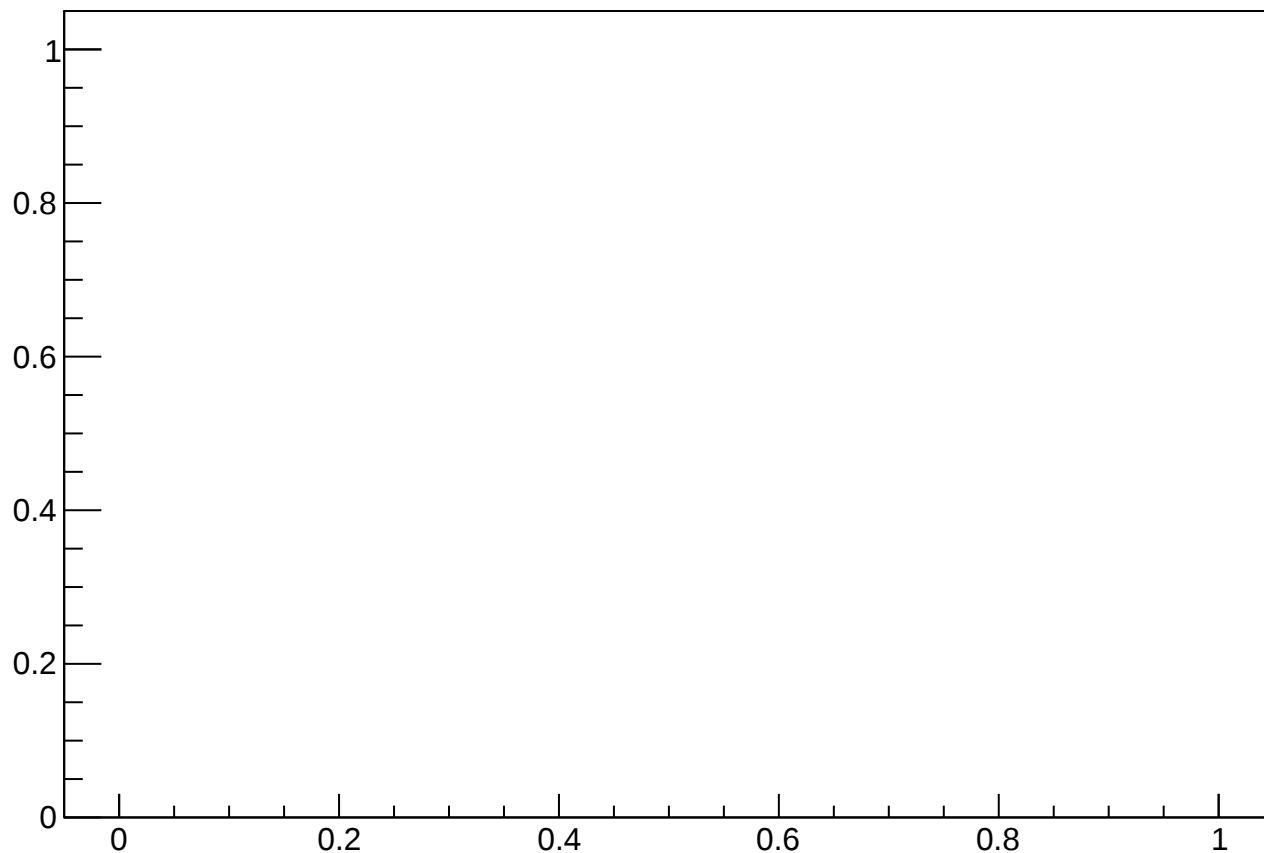
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

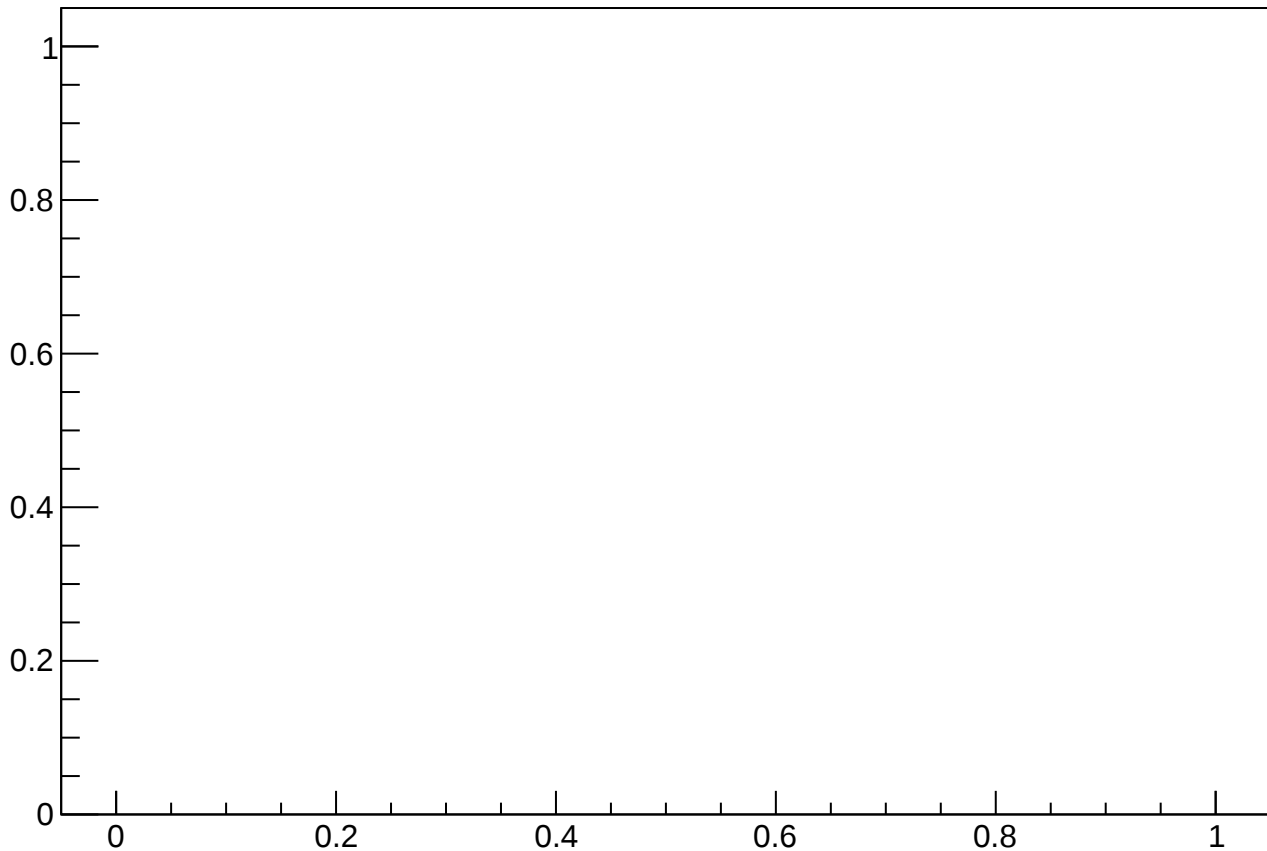
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

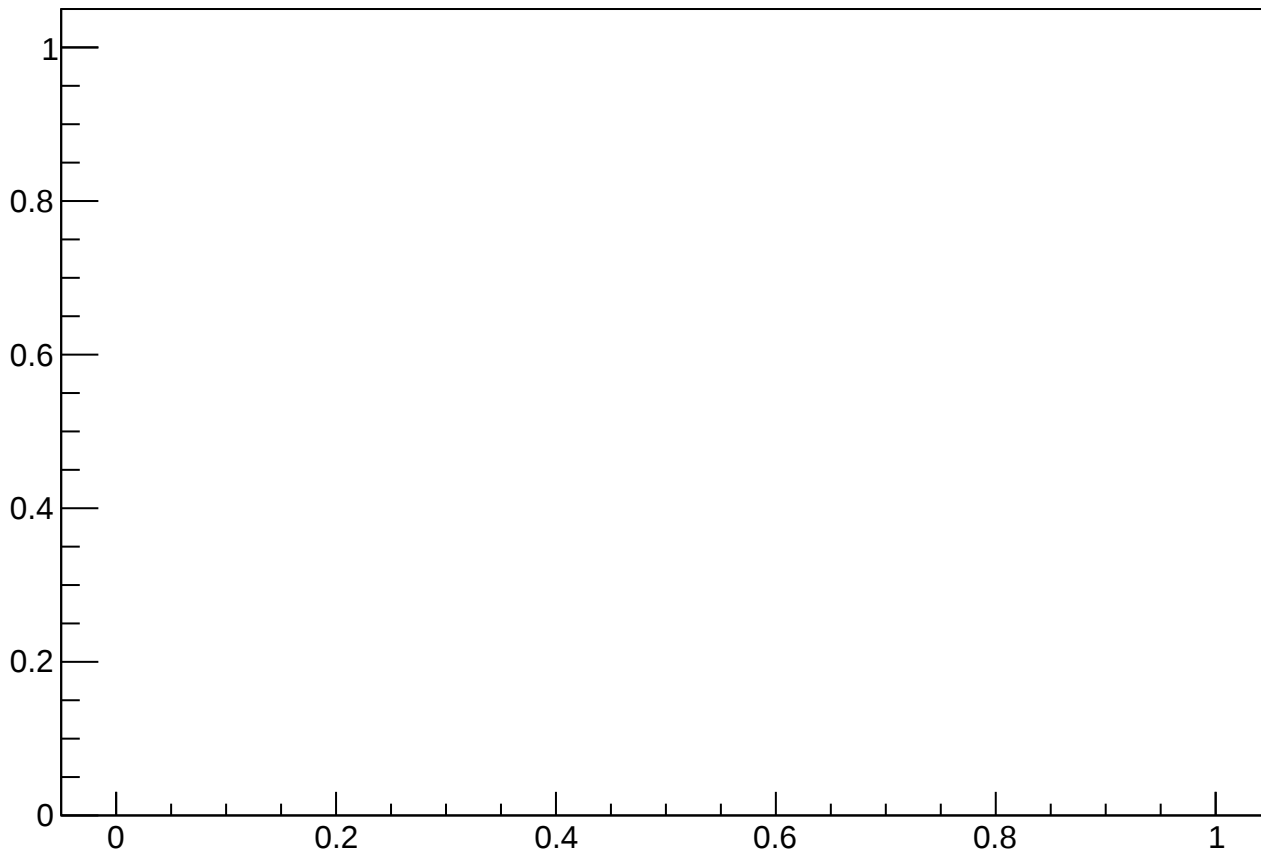
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

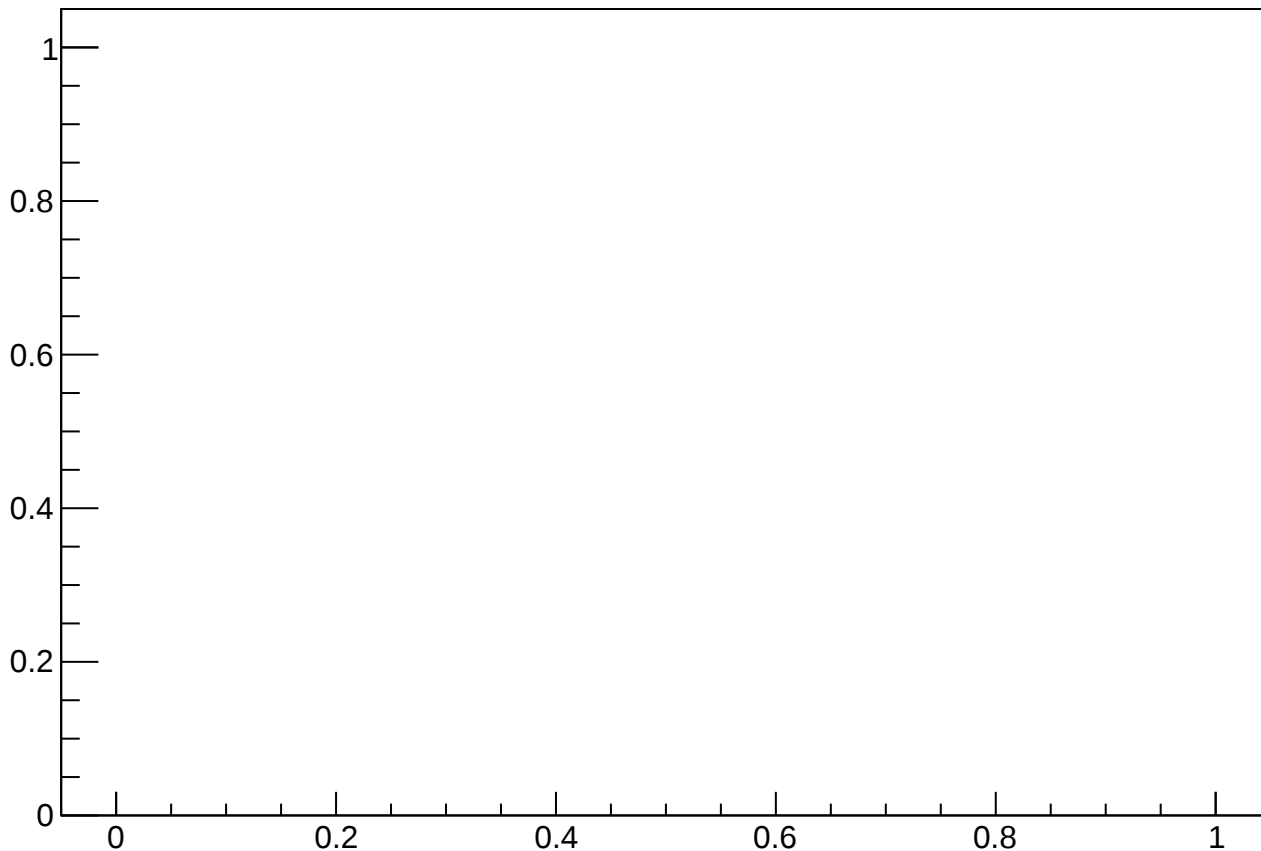
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

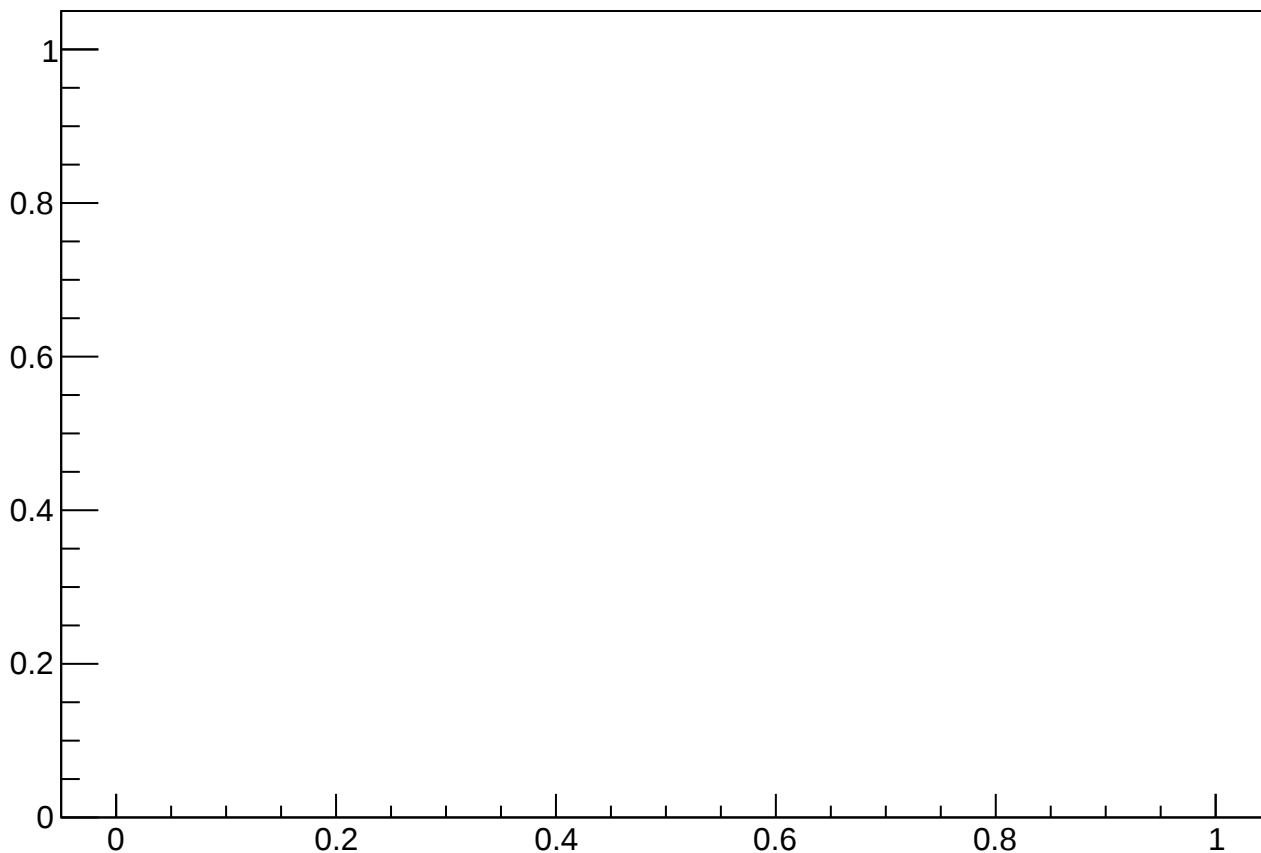
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

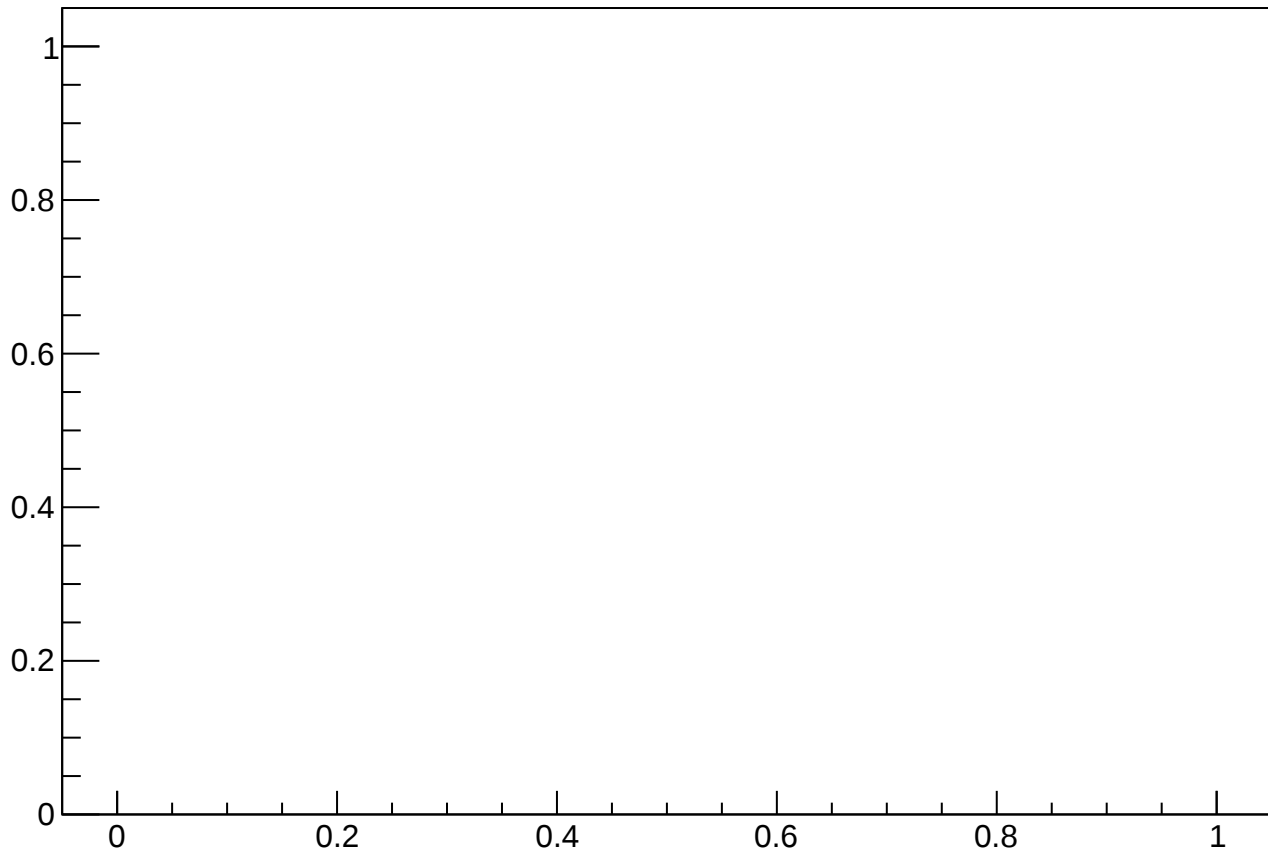
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

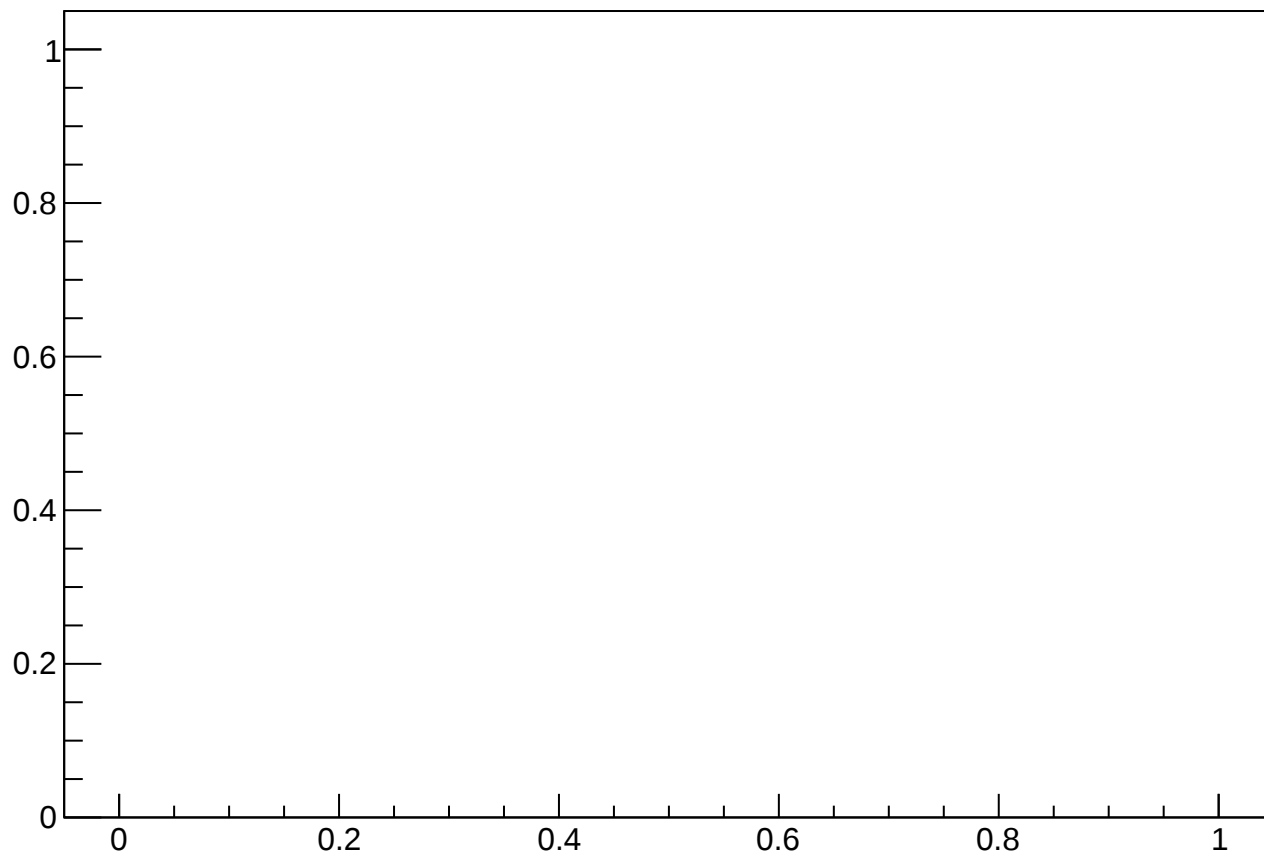
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

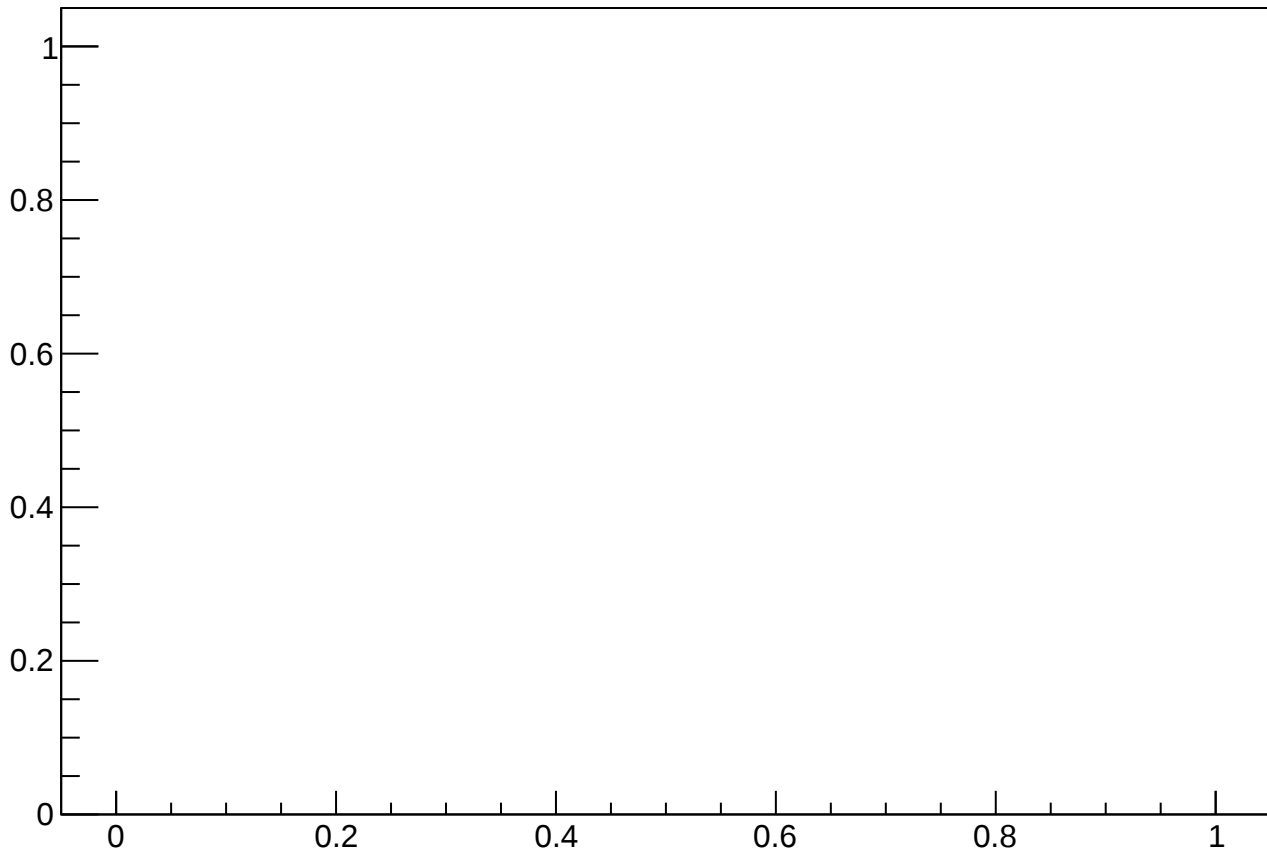
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

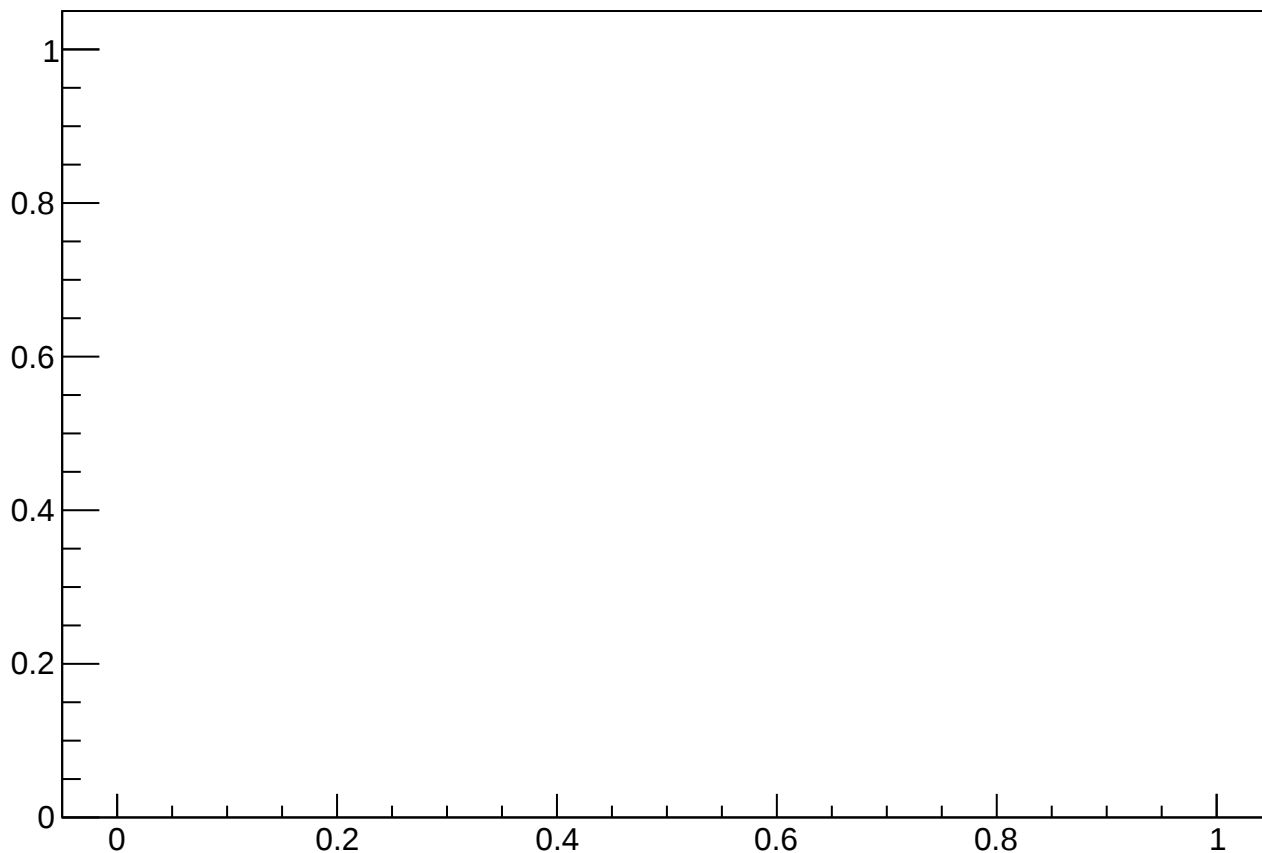
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

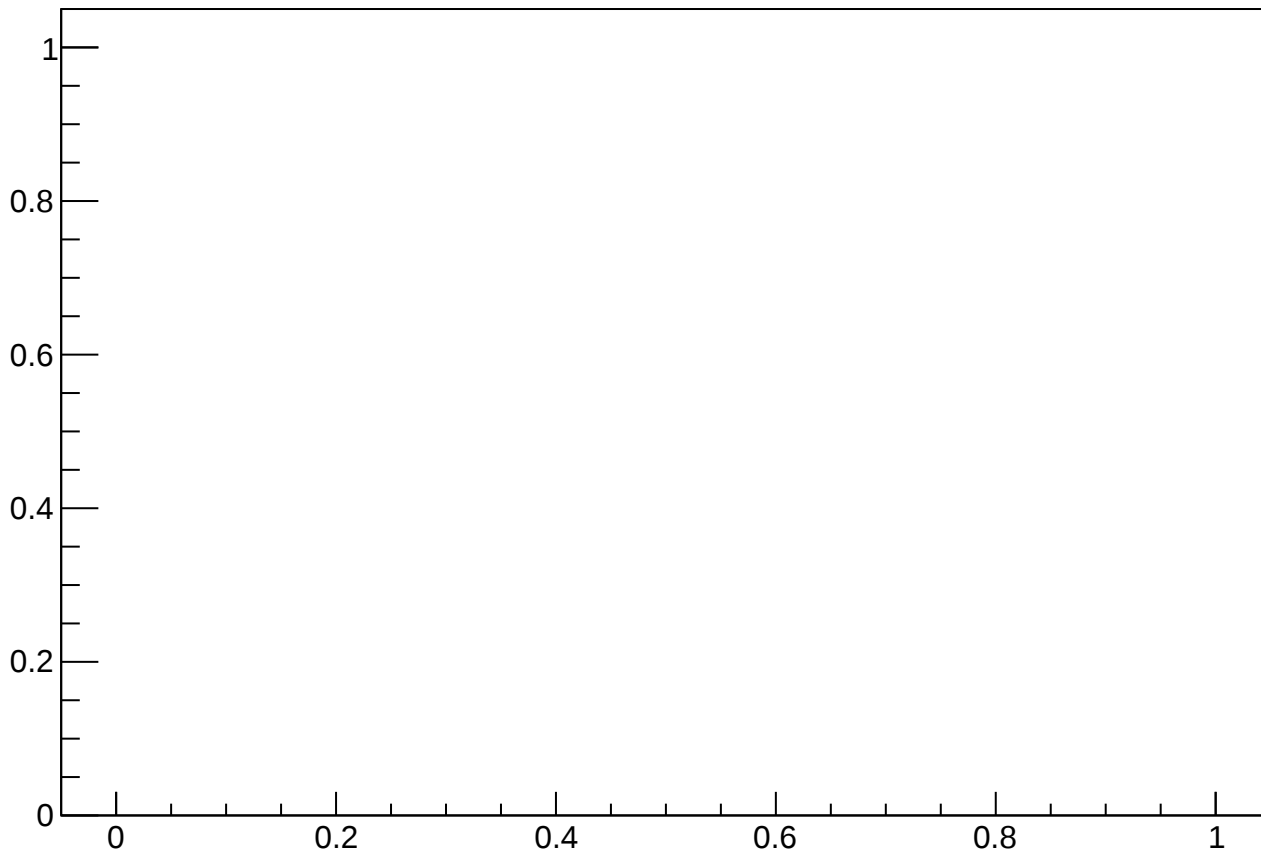
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

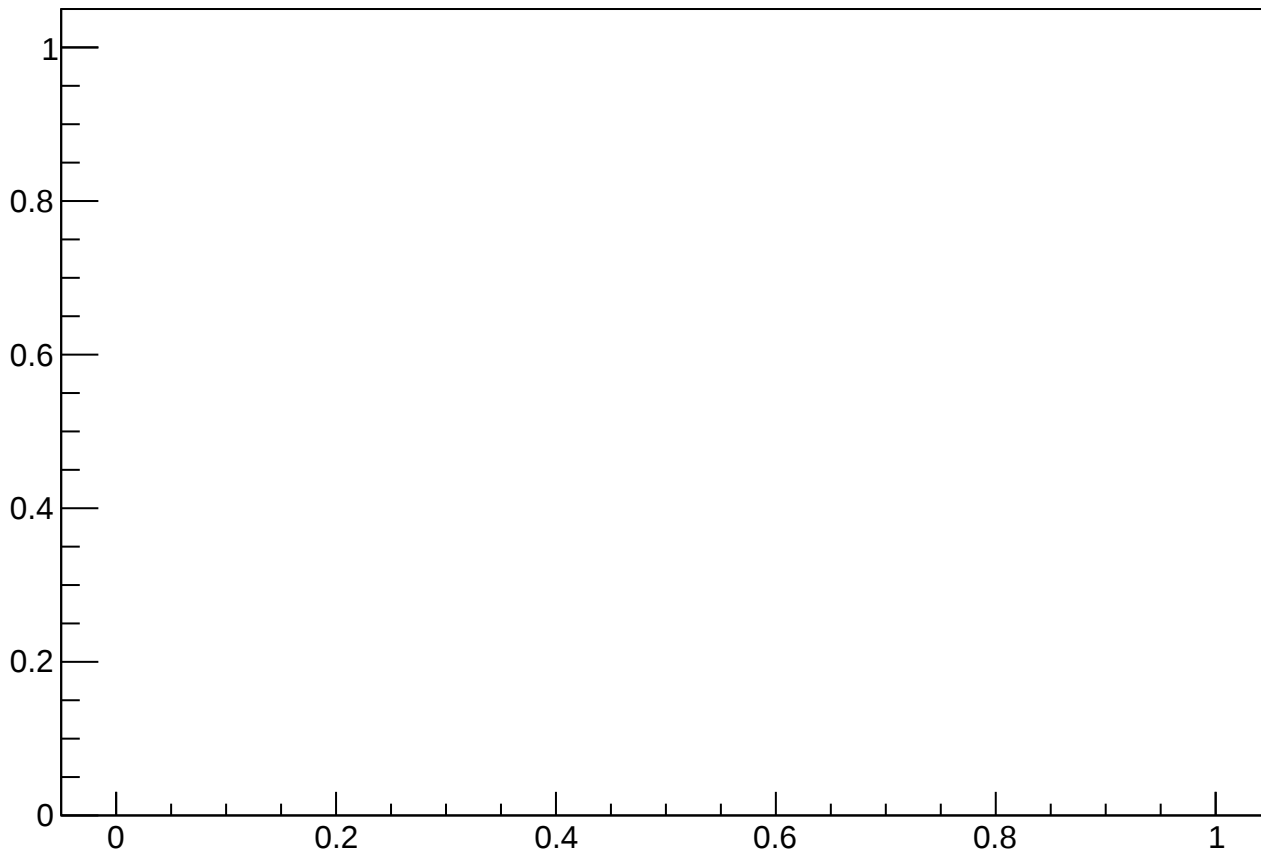
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

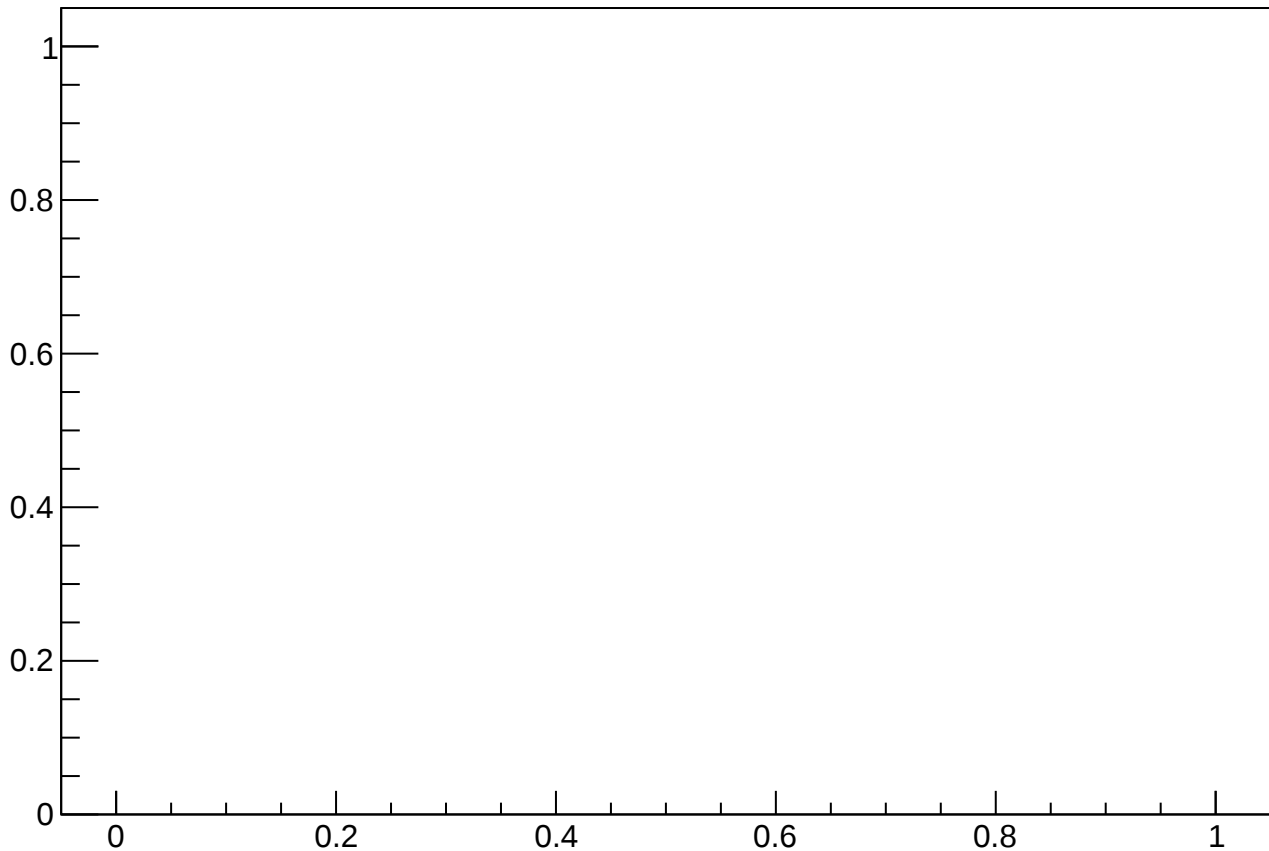
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

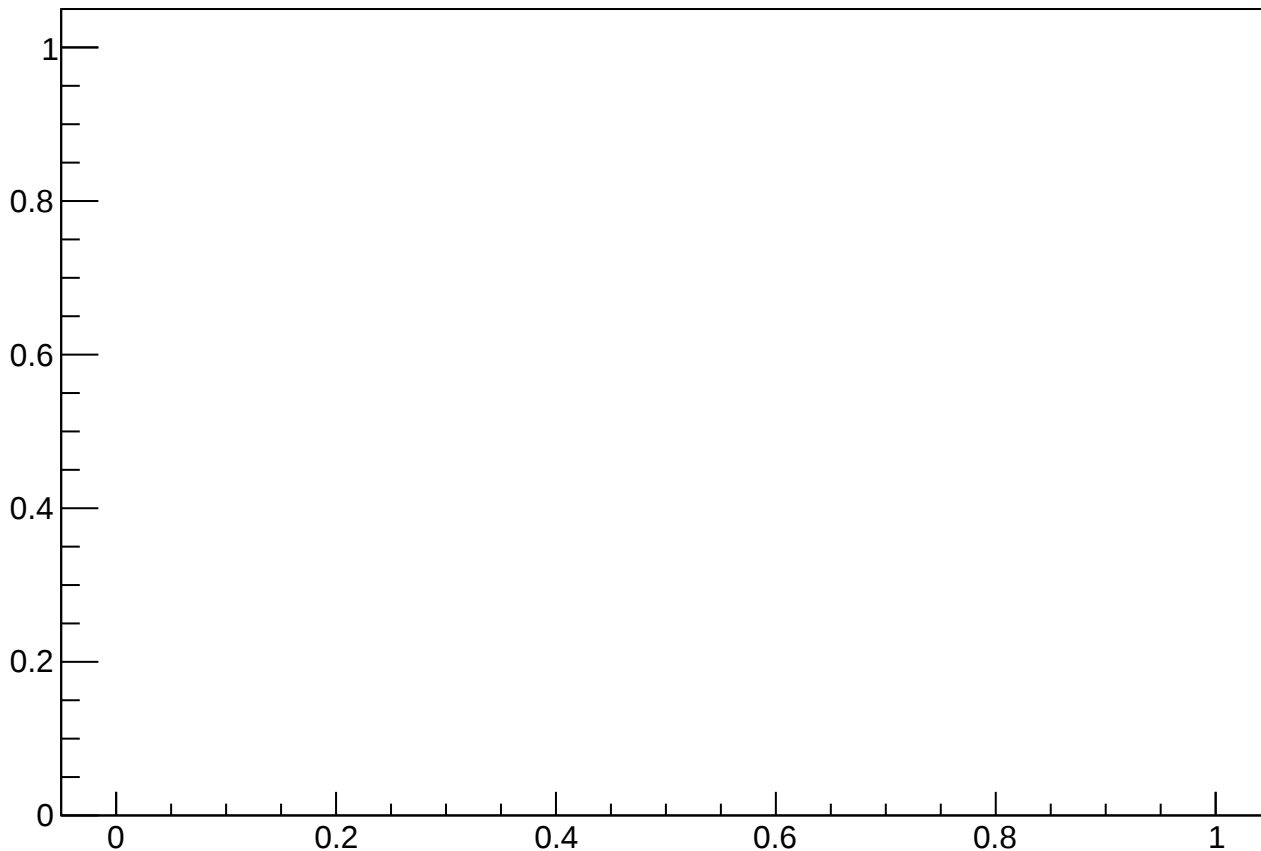
dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

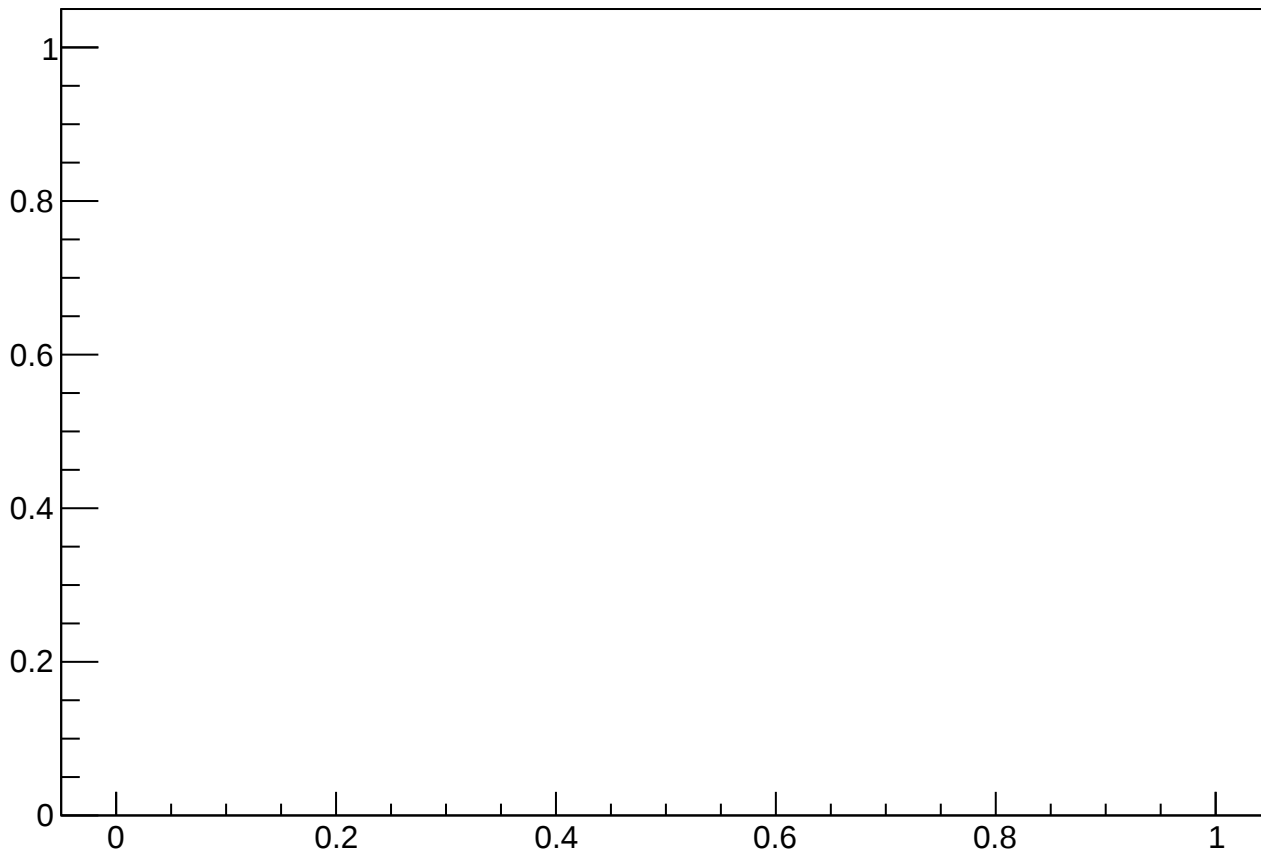
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

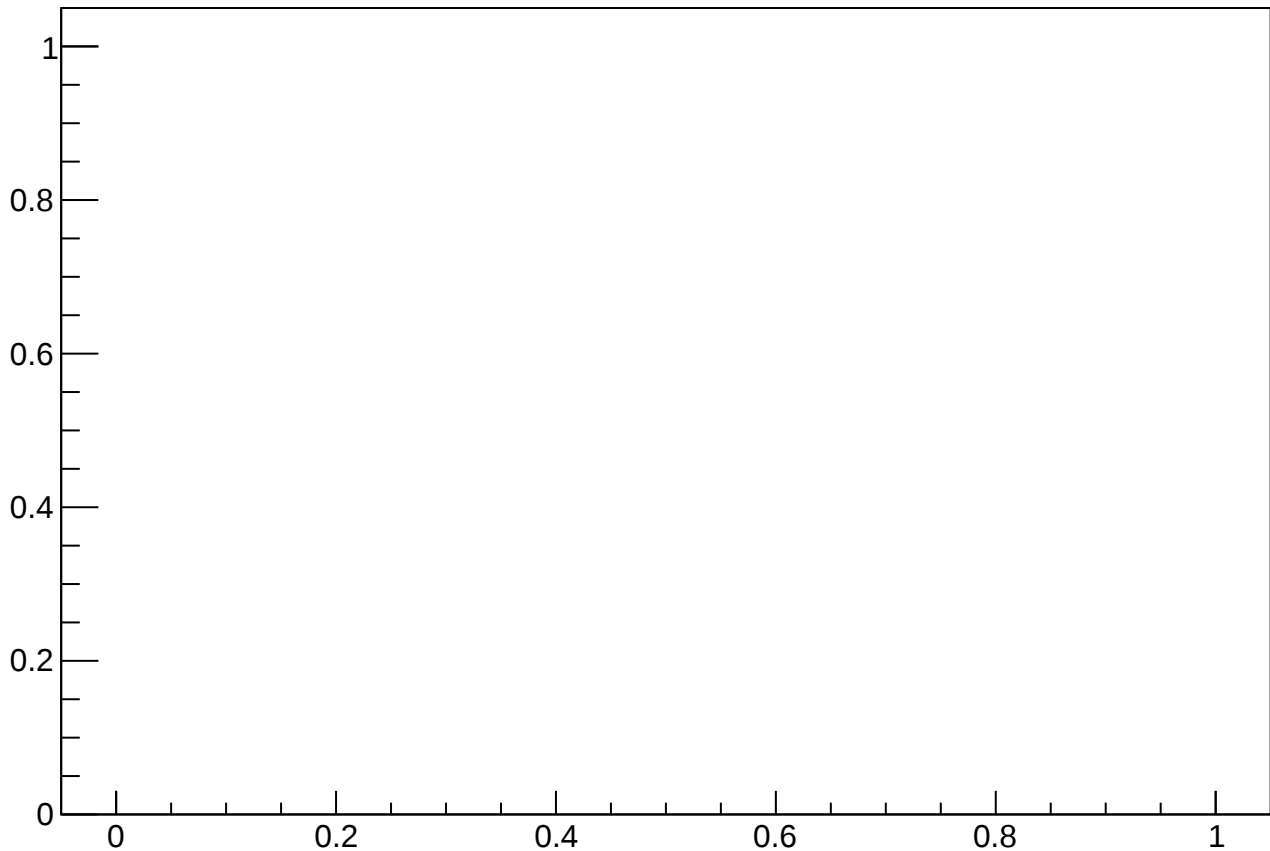
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

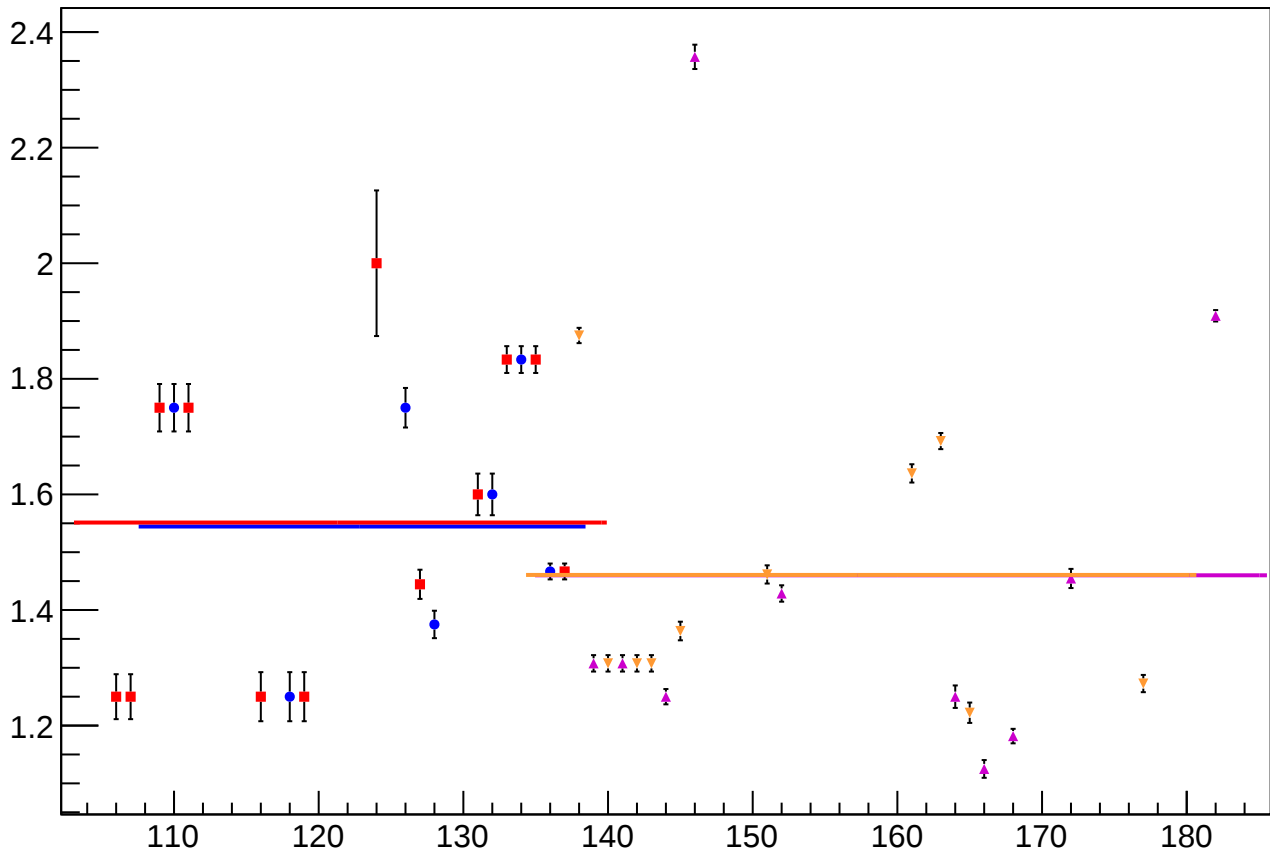
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544+/-0.009 χ^2/NDF : 349.7/6

Left Out: 1.461+/-0.005 χ^2/NDF : 2103.3/9

Right Out: 1.551+/-0.008 χ^2/NDF : 633.6/11

Left In: 1.460+/-0.004 χ^2/NDF : 5452.3/9

Left: 1.460+/-0.003 χ^2/NDF : 7555.6/19

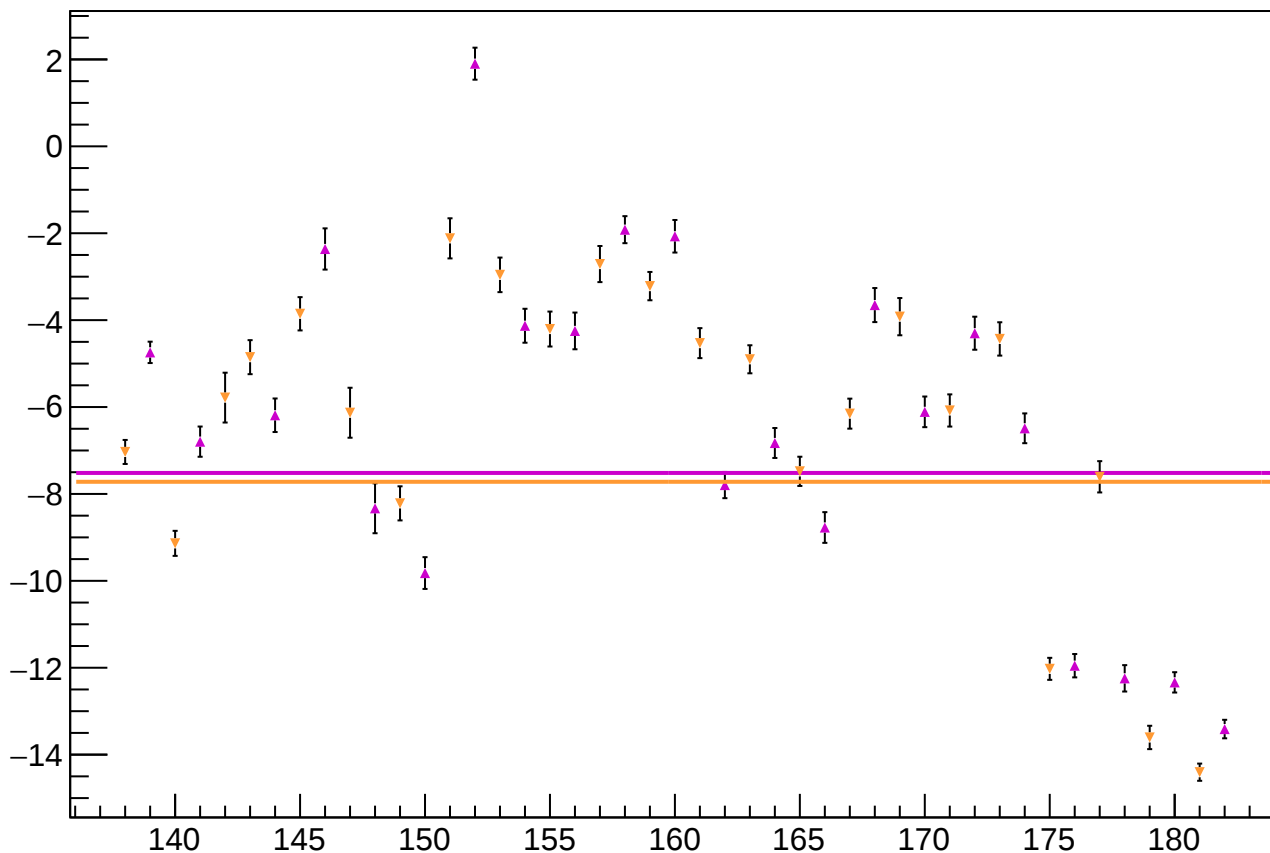
Right: 1.548+/-0.006 χ^2/NDF : 983.5/18

In: 1.476+/-0.004 χ^2/NDF : 5869.6/16

Out: 1.483+/-0.004 χ^2/NDF : 2829.6/21

All: 1.480+/-0.003 χ^2/NDF : 8700.8/38

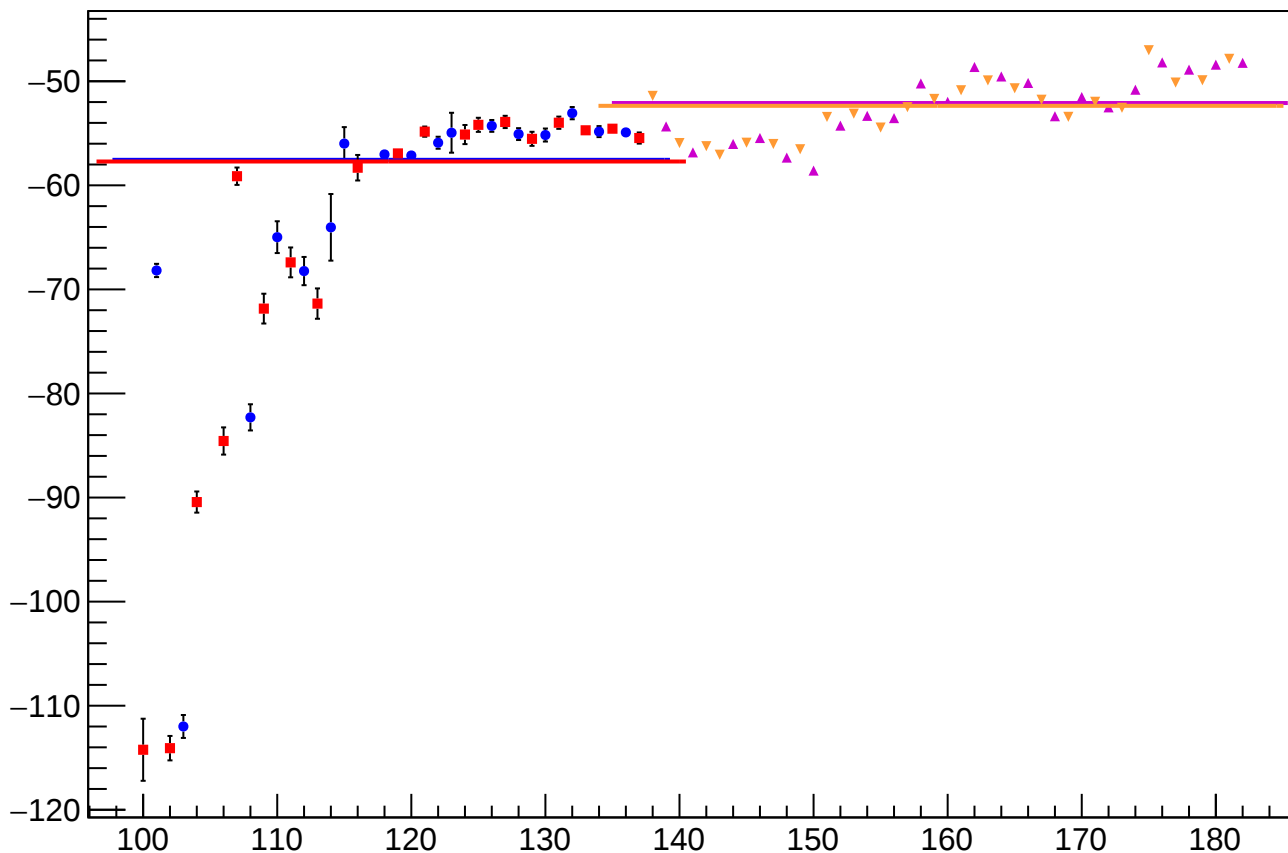
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -7.720 ± 0.071 χ^2/NDF : 3172.3/22
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -7.517 ± 0.070 χ^2/NDF : 3543.6/21

Left: -7.617 ± 0.050 χ^2/NDF : 6720.1/44
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -7.517 ± 0.070 χ^2/NDF : 3543.6/21
 Out: -7.720 ± 0.071 χ^2/NDF : 3172.3/22
 All: -7.617 ± 0.050 χ^2/NDF : 6720.1/44

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: -52.361 $\pm$ 0.057 χ^2 /NDF: 2520.2/22

Right Out: -57.711 $\pm$ 0.143 χ^2 /NDF: 4703.8/18

Left In: -52.092 $\pm$ 0.058 χ^2 /NDF: 3177.0/21

Left: -52.228 $\pm$ 0.040 χ^2 /NDF: 5708.2/44

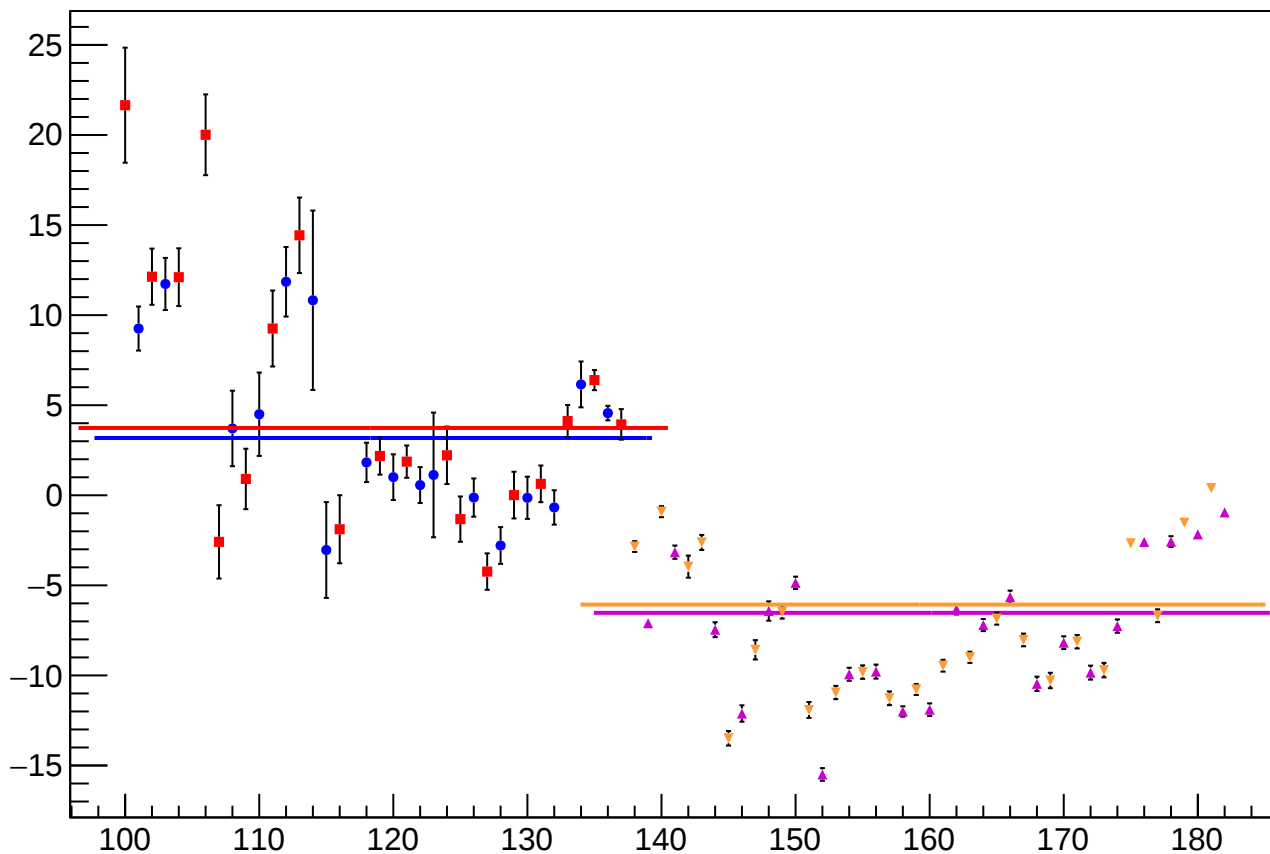
Right: -57.629 $\pm$ 0.101 χ^2 /NDF: 8164.8/35

In: -52.870 $\pm$ 0.053 χ^2 /NDF: 7911.3/38

Out: -53.091 $\pm$ 0.053 χ^2 /NDF: 8436.7/41

All: -52.982 $\pm$ 0.038 χ^2 /NDF: 16356.6/80

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: -6.067 ± 0.071 $\chi^2/\text{NDF}: 3622.0/22$

Right Out: 3.738 ± 0.267 $\chi^2/\text{NDF}: 320.9/18$

Left In: -6.526 ± 0.069 $\chi^2/\text{NDF}: 3260.5/21$

Left: -6.300 ± 0.049 $\chi^2/\text{NDF}: 6904.0/44$

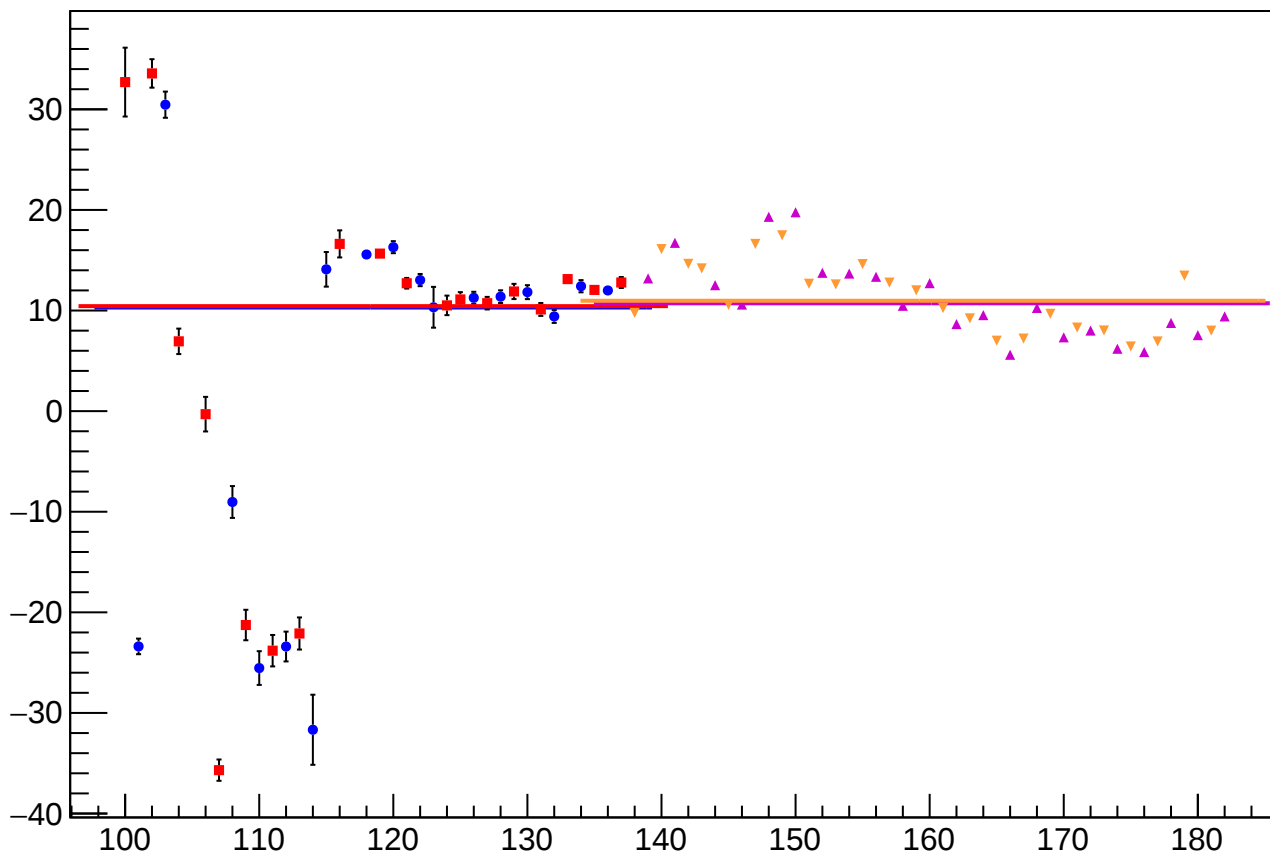
Right: 3.450 ± 0.186 $\chi^2/\text{NDF}: 508.4/35$

In: -5.870 ± 0.067 $\chi^2/\text{NDF}: 4765.7/38$

Out: -5.428 ± 0.068 $\chi^2/\text{NDF}: 5204.2/41$

All: -5.653 ± 0.048 $\chi^2/\text{NDF}: 9991.4/80$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 10.973 $\pm$ 0.063 χ^2 /NDF:2624.9/22

Right Out: 10.437 $\pm$ 0.160 χ^2 /NDF: 3828.8/18

Left In: 10.721 $\pm$ 0.064 χ^2 /NDF:3493.1/21

Left: 10.848 $\pm$ 0.045 χ^2 /NDF: 6125.8/44

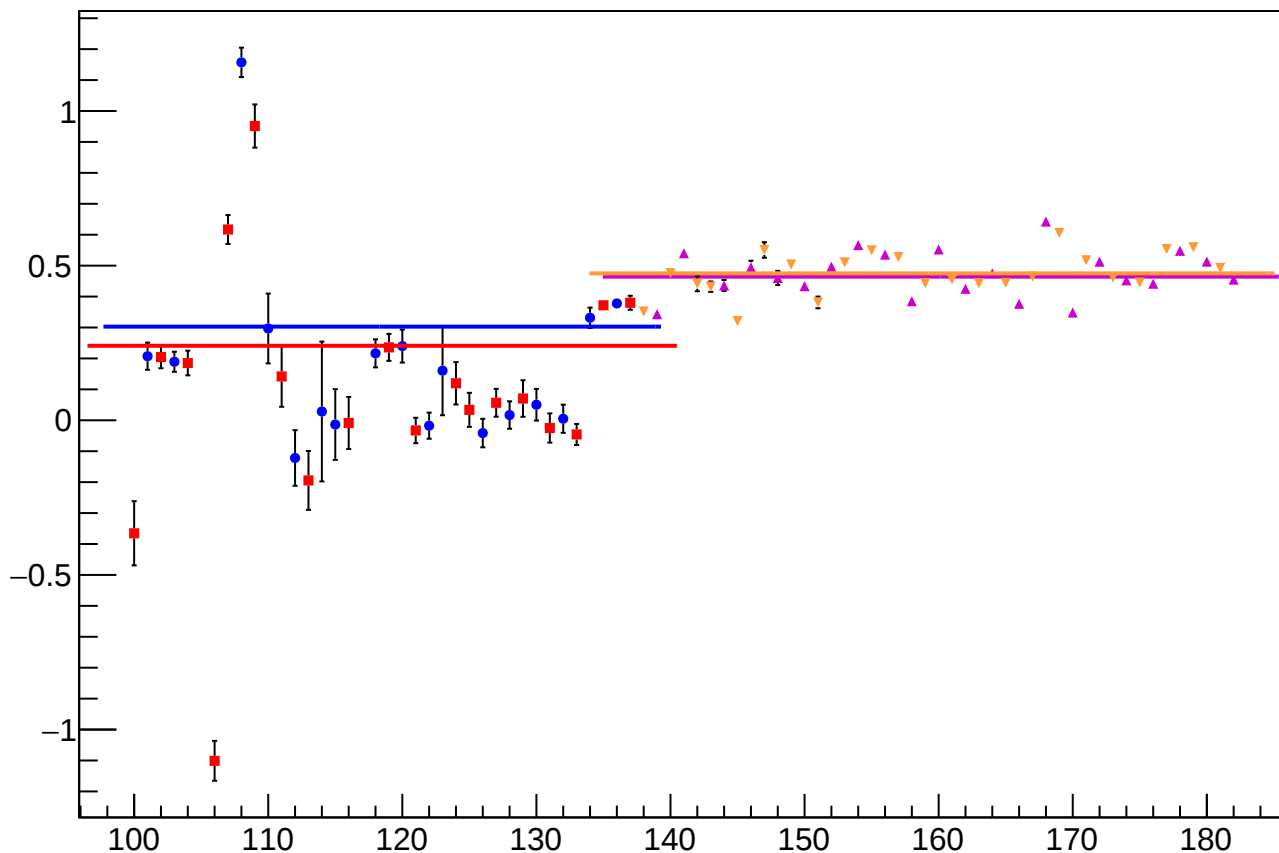
Right: 10.368 $\pm$ 0.112 χ^2 /NDF: 7528.5/35

In: 10.662 $\pm$ 0.059 χ^2 /NDF:7198.6/38

Out: 10.899 $\pm$ 0.059 χ^2 /NDF:6463.4/41

All: 10.781 $\pm$ 0.042 χ^2 /NDF: 13670.1/80

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.303 $\pm$ 0.008 χ^2 /NDF: 647.2/16

Left Out: 0.475 $\pm$ 0.003 χ^2 /NDF:503.0/22

Right Out: 0.241 $\pm$ 0.008 χ^2 /NDF: 988.9/18

Left In: 0.465 $\pm$ 0.003 χ^2 /NDF:744.0/21

Left: 0.470 $\pm$ 0.002 χ^2 /NDF: 1253.8/44

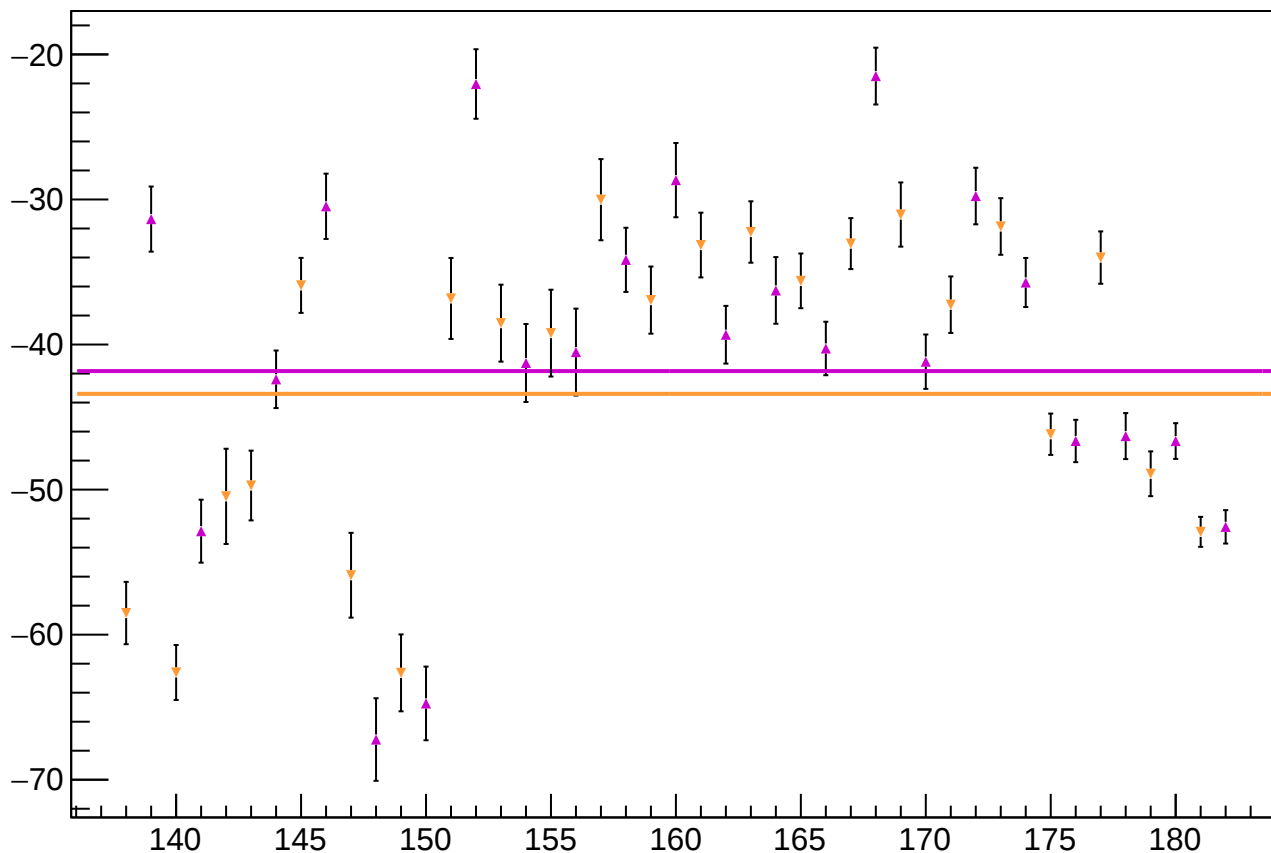
Right: 0.273 $\pm$ 0.006 χ^2 /NDF: 1663.5/35

In: 0.448 $\pm$ 0.003 χ^2 /NDF:1739.5/38

Out: 0.451 $\pm$ 0.003 χ^2 /NDF:2174.5/41

All: 0.449 $\pm$ 0.002 χ^2 /NDF: 3914.9/80

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



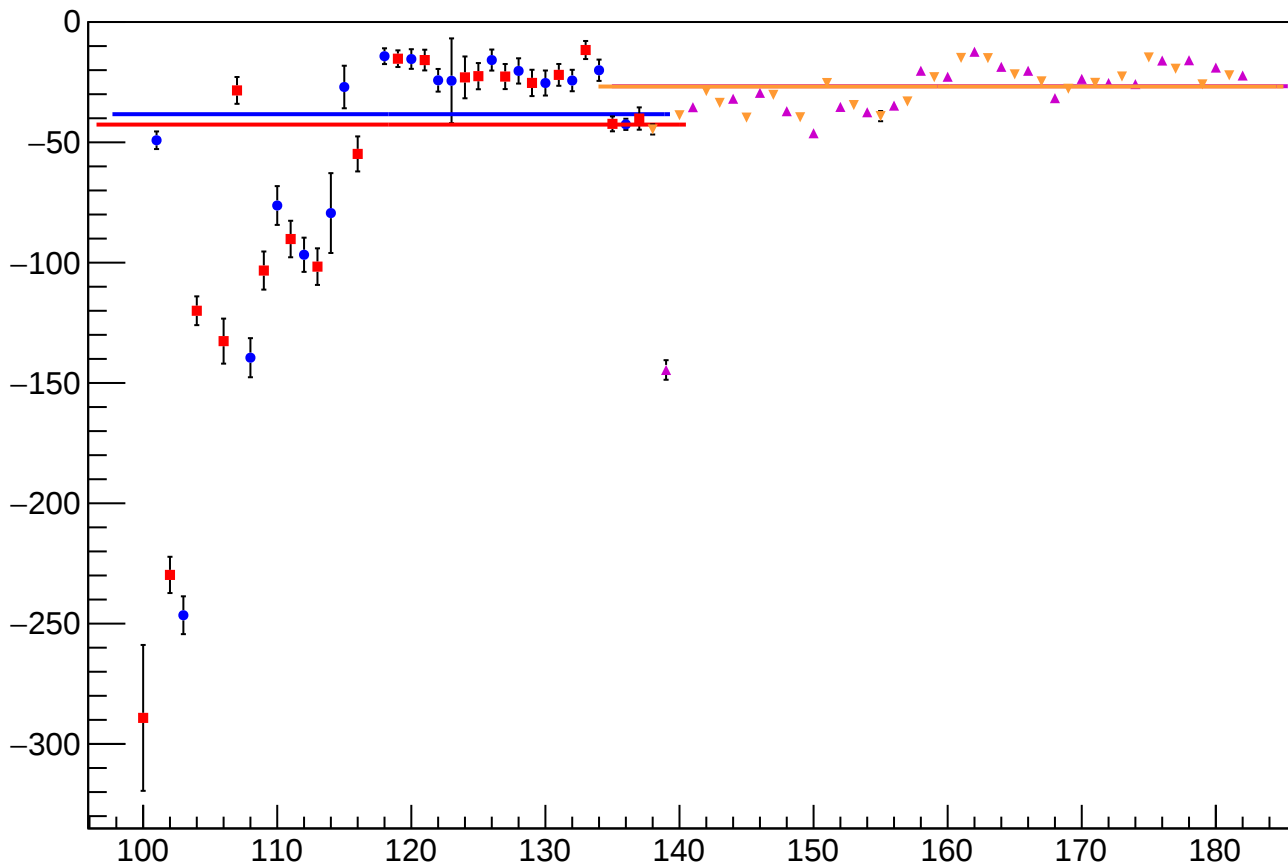
Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -43.399 $\pm$ 0.411 χ^2/NDF :596.9/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -41.830 $\pm$ 0.405 χ^2/NDF :629.9/21

Left: -42.602 $\pm$ 0.289 χ^2/NDF : 1234.3/44
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -41.830 $\pm$ 0.405 χ^2/NDF :629.9/21
 Out: -43.399 $\pm$ 0.411 χ^2/NDF :596.9/22

All: -42.602 $\pm$ 0.289 χ^2/NDF : 1234.3/44

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: -26.810 ± 0.329 $\chi^2/\text{NDF}: 603.6/22$

Right Out: -42.624 ± 1.209 $\chi^2/\text{NDF}: 1344.4/18$

Left In: -26.678 ± 0.330 $\chi^2/\text{NDF}: 1473.7/21$

Left: -26.744 ± 0.233 $\chi^2/\text{NDF}: 2077.3/44$

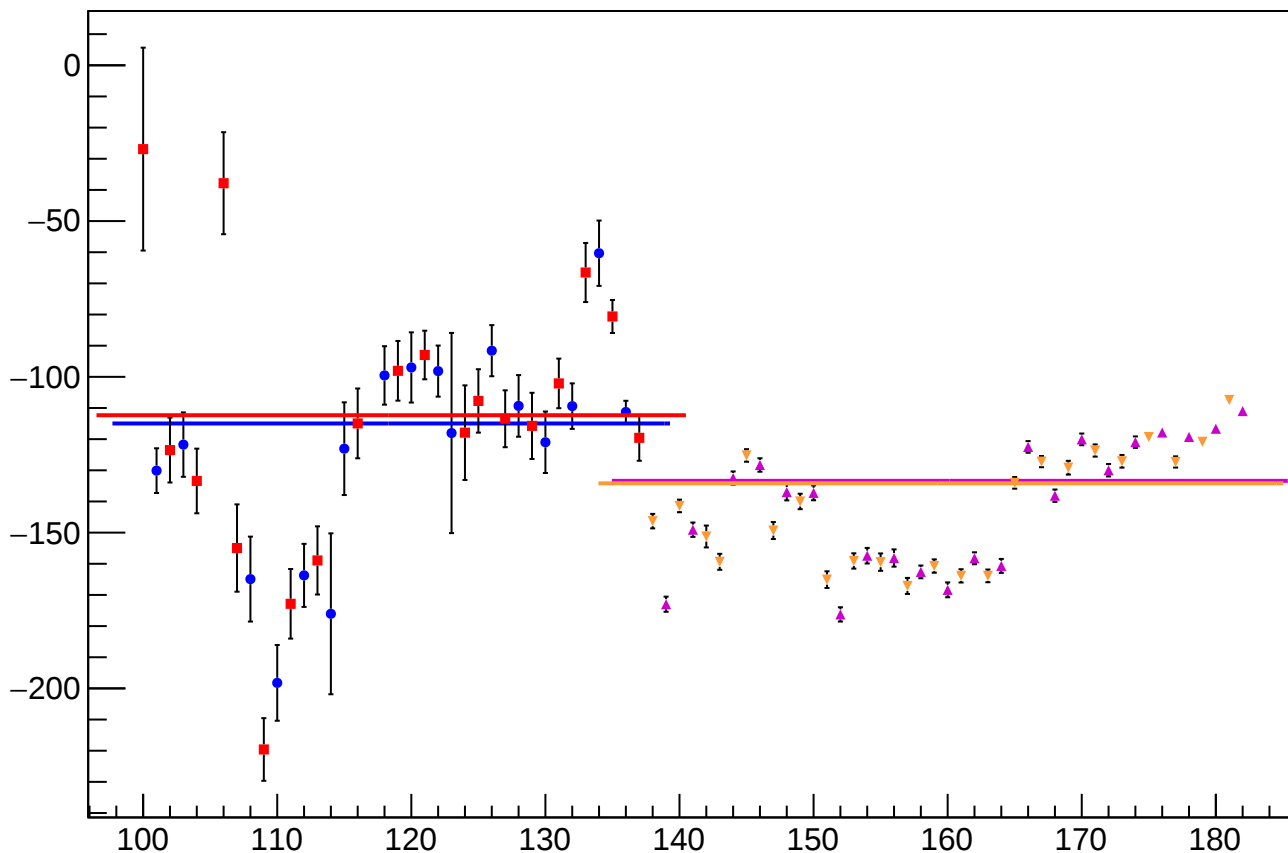
Right: -40.334 ± 0.829 $\chi^2/\text{NDF}: 2483.9/35$

In: -27.578 ± 0.317 $\chi^2/\text{NDF}: 2702.7/38$

Out: -27.898 ± 0.317 $\chi^2/\text{NDF}: 2107.4/41$

All: -27.738 ± 0.224 $\chi^2/\text{NDF}: 4810.6/80$

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: -134.178 ± 0.413 $\chi^2/\text{NDF}: 2138.5/22$

Right Out: -112.320 ± 2.205 $\chi^2/\text{NDF}: 274.0/18$

Left In: -133.383 ± 0.405 $\chi^2/\text{NDF}: 2453.9/21$

Left: -133.773 ± 0.289 $\chi^2/\text{NDF}: 4594.3/44$

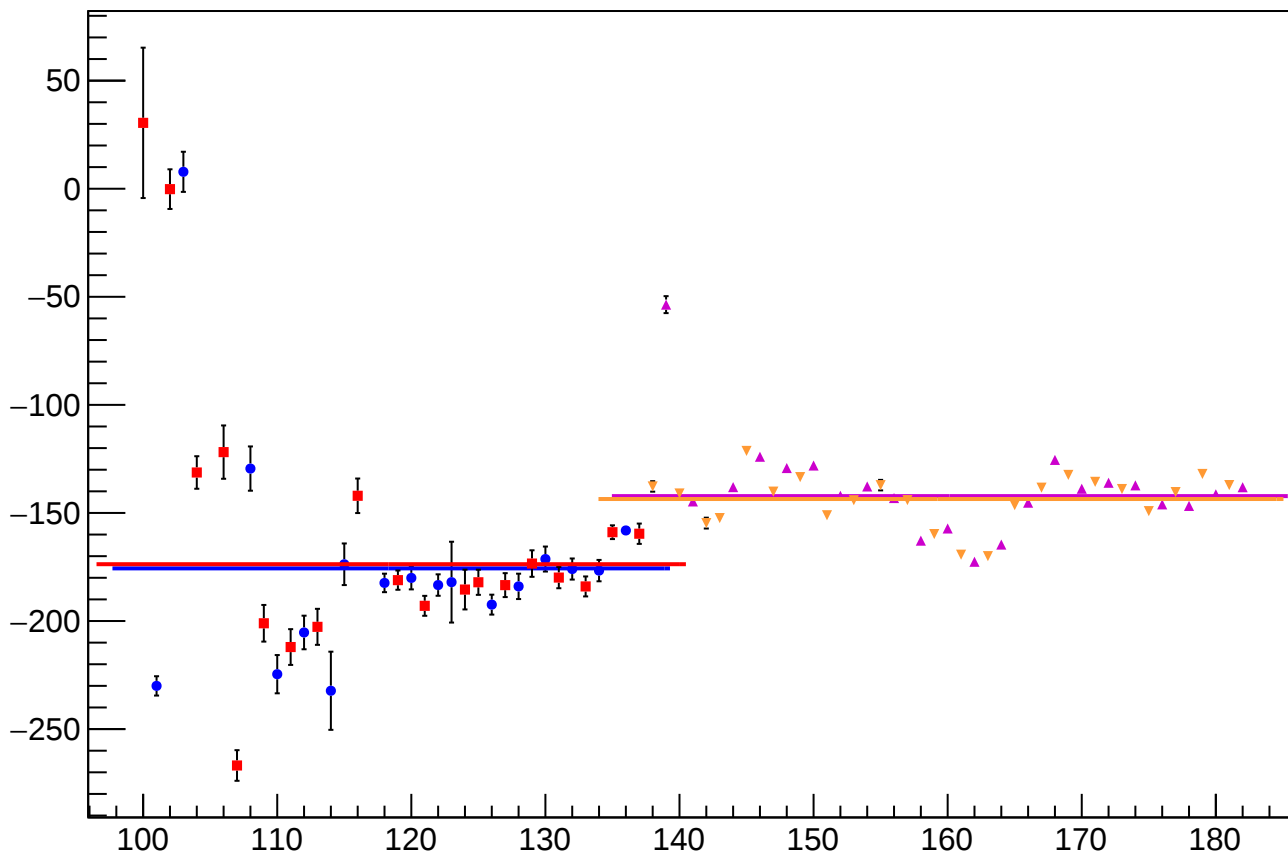
Right: -113.725 ± 1.511 $\chi^2/\text{NDF}: 416.2/35$

In: -132.707 ± 0.397 $\chi^2/\text{NDF}: 2671.2/38$

Out: -133.438 ± 0.406 $\chi^2/\text{NDF}: 2507.5/41$

All: -133.065 ± 0.284 $\chi^2/\text{NDF}: 5180.3/80$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.558 ± 0.369 χ^2/NDF : 1018.4/22

Right Out: -173.714 ± 1.354 χ^2/NDF : 738.0/18

Left In: -142.210 ± 0.368 χ^2/NDF : 1551.4/21

Left: -142.881 ± 0.261 χ^2/NDF : 2576.5/44

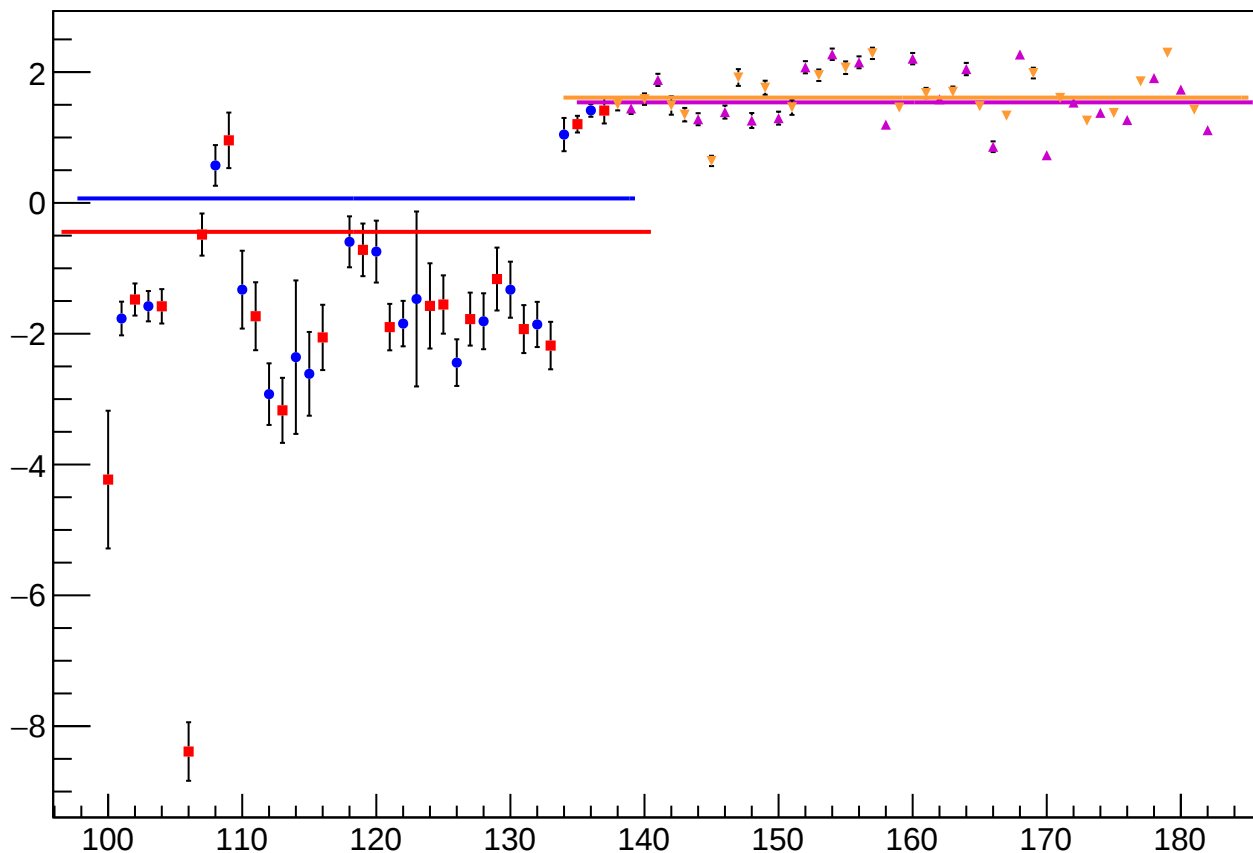
Right: -174.745 ± 0.926 χ^2/NDF : 1431.2/35

In: -144.800 ± 0.353 χ^2/NDF : 2884.0/38

Out: -145.647 ± 0.356 χ^2/NDF : 2218.0/41

All: -145.220 ± 0.251 χ^2/NDF : 5104.8/80

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.067 χ^2 /NDF: 525.9/16

Left Out: 1.610 $\pm$ 0.017 χ^2 /NDF:463.4/22

Right Out: -0.443 $\pm$ 0.071 χ^2 /NDF: 755.9/18

Left In: 1.537 $\pm$ 0.017 χ^2 /NDF:710.6/21

Left: 1.573 $\pm$ 0.012 χ^2 /NDF: 1183.4/44

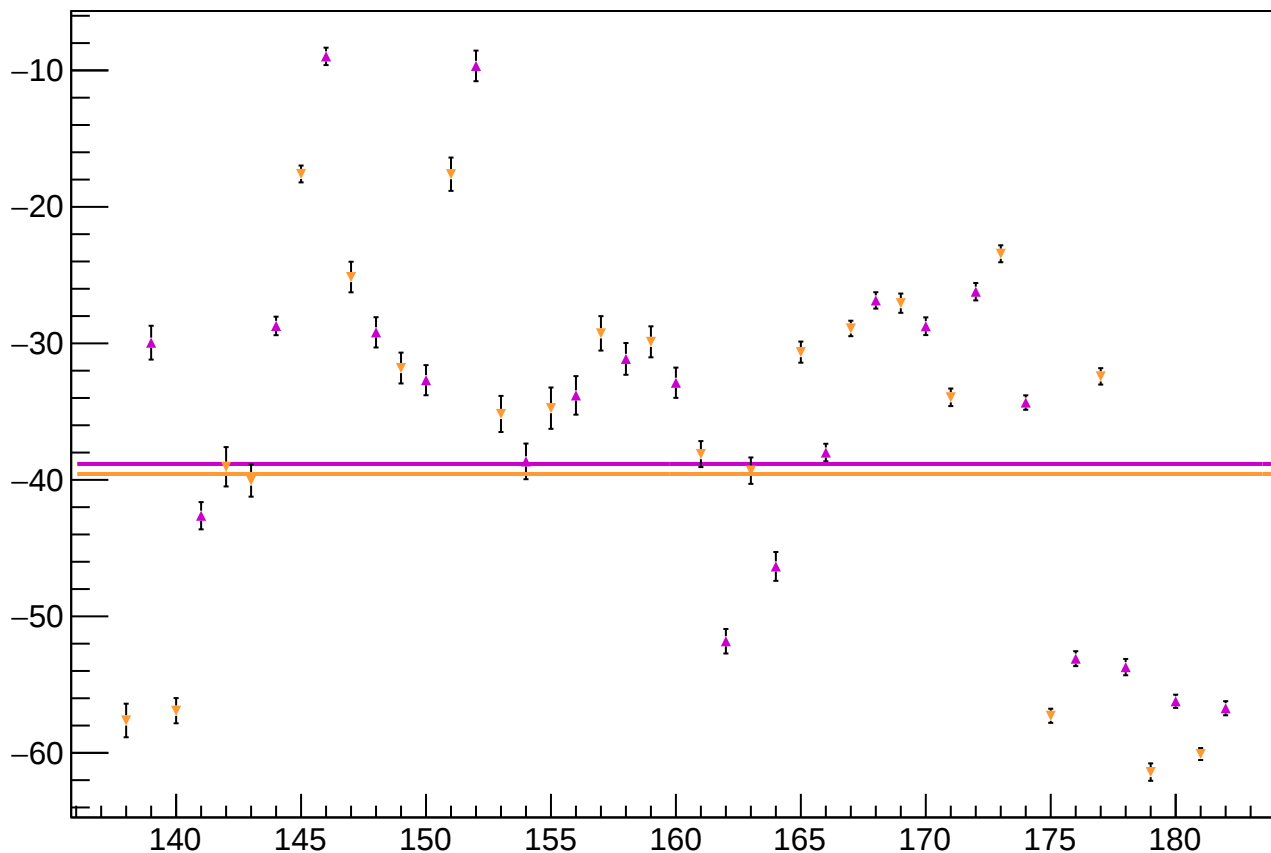
Right: -0.172 $\pm$ 0.049 χ^2 /NDF: 1309.1/35

In: 1.452 $\pm$ 0.016 χ^2 /NDF:1689.0/38

Out: 1.499 $\pm$ 0.017 χ^2 /NDF:2008.1/41

All: 1.475 $\pm$ 0.012 χ^2 /NDF: 3701.3/80

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Left: -39.189+/-0.112 χ^2/NDF : 17270.3/44

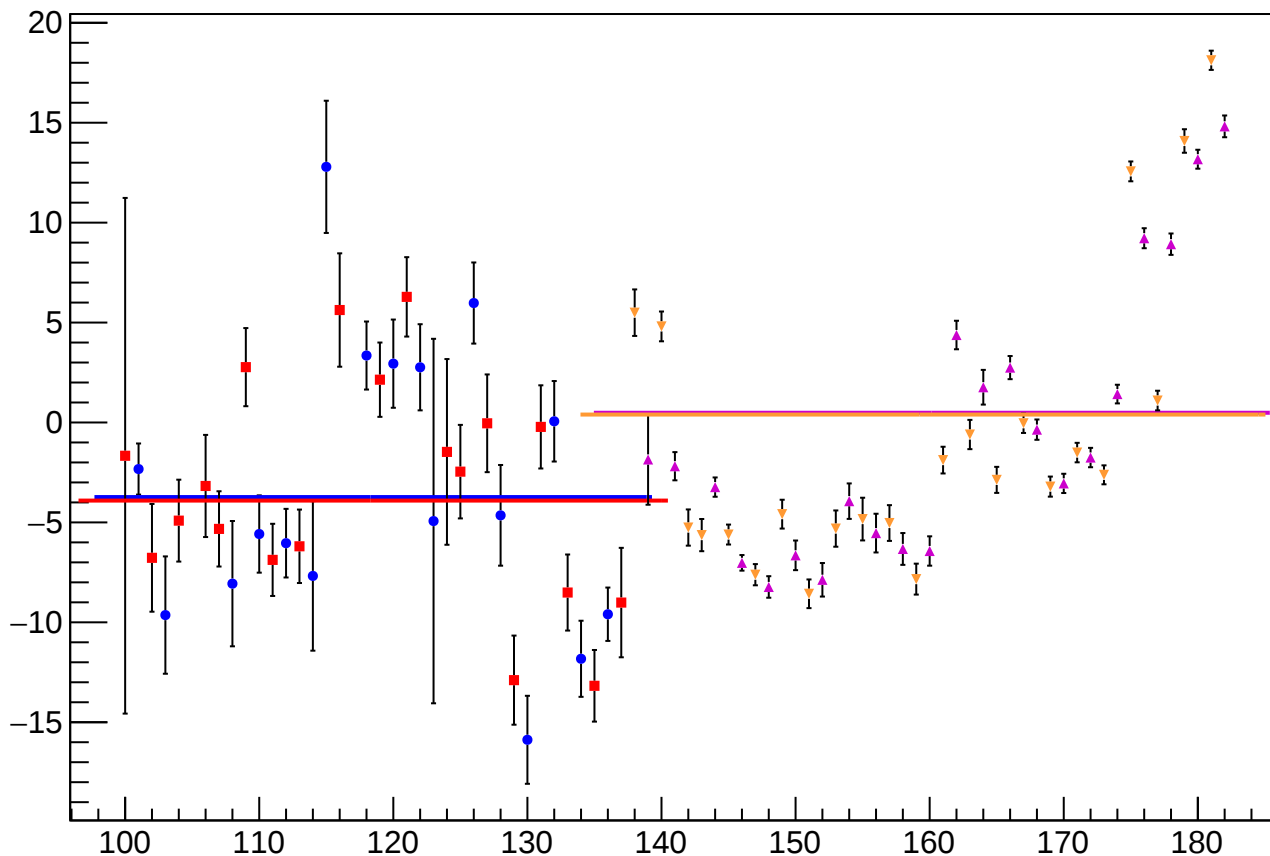
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -38.834+/-0.156 χ^2/NDF : 8487.8/21

Out: -39.569+/-0.161 χ^2/NDF : 8771.7/22

All: -39.189+/-0.112 χ^2/NDF : 17270.3/44

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: 0.397 ± 0.129 χ^2/NDF : 3587.1/22

Right Out: -3.908 ± 0.507 χ^2/NDF : 124.8/18

Left In: 0.487 ± 0.125 χ^2/NDF : 3215.9/21

Left: 0.443 ± 0.090 χ^2/NDF : 6803.3/44

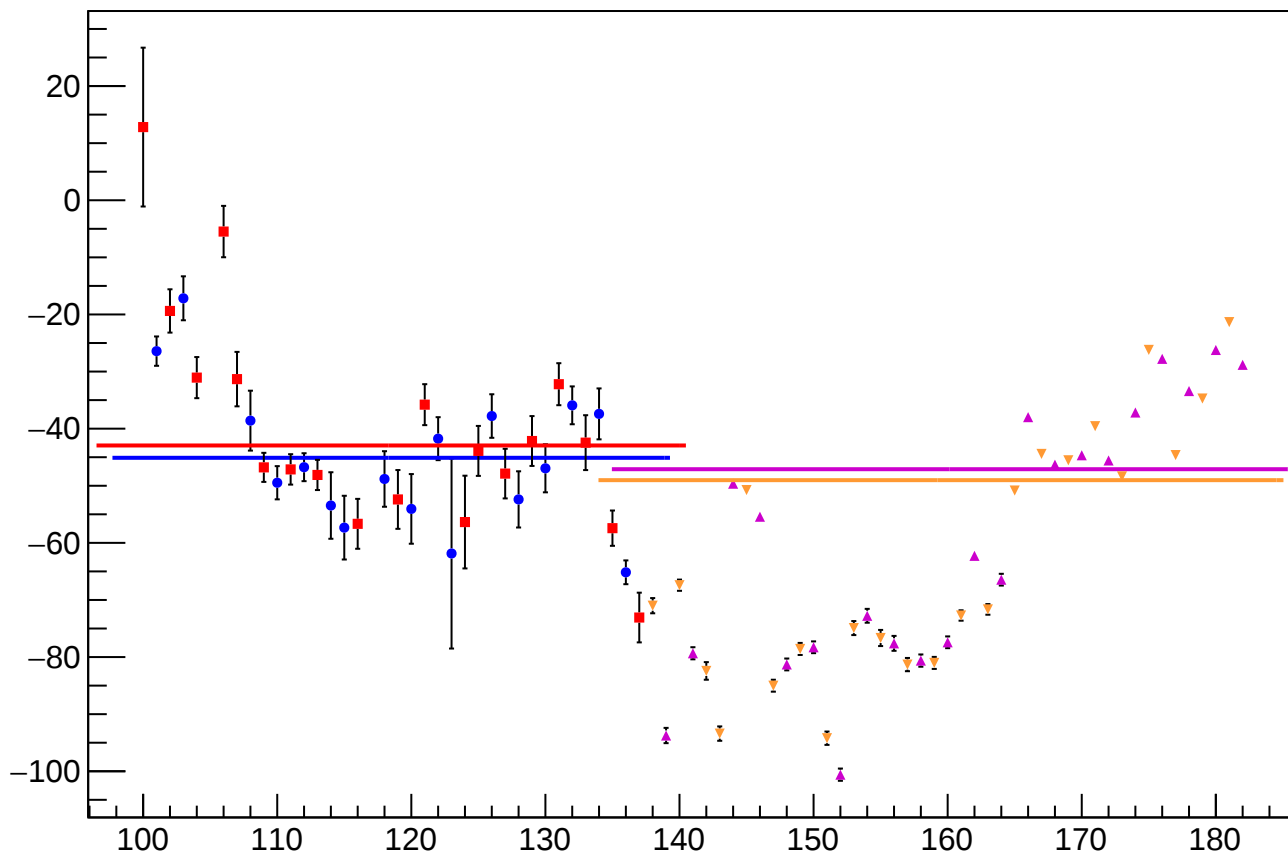
Right: -3.818 ± 0.354 χ^2/NDF : 290.7/35

In: 0.235 ± 0.121 χ^2/NDF : 3449.8/38

Out: 0.136 ± 0.125 χ^2/NDF : 3779.7/41

All: 0.187 ± 0.087 χ^2/NDF : 7229.9/80

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 $\chi^2/\text{NDF}: 230.6/16$

Left Out: -49.018 ± 0.162 $\chi^2/\text{NDF}: 16095.9/22$

Right Out: -42.944 ± 0.877 $\chi^2/\text{NDF}: 249.1/18$

Left In: -47.100 ± 0.156 $\chi^2/\text{NDF}: 15654.5/21$

Left: -48.024 ± 0.113 $\chi^2/\text{NDF}: 31822.9/44$

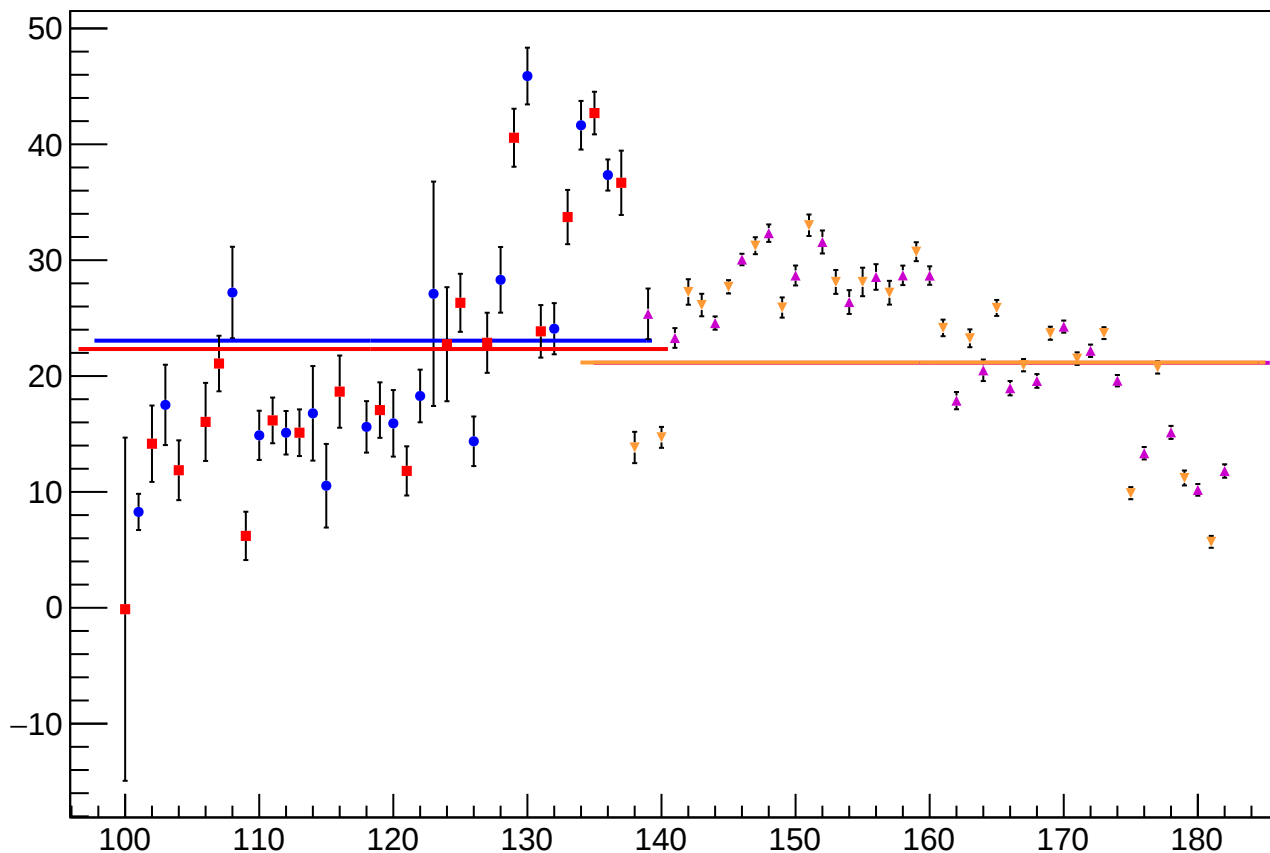
Right: -44.017 ± 0.622 $\chi^2/\text{NDF}: 482.6/35$

In: -47.039 ± 0.154 $\chi^2/\text{NDF}: 15890.0/38$

Out: -48.818 ± 0.160 $\chi^2/\text{NDF}: 16391.3/41$

All: -47.897 ± 0.111 $\chi^2/\text{NDF}: 32345.6/80$

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 21.168 $\pm$ 0.144 χ^2 /NDF:2623.7/22

Right Out: 22.331 $\pm$ 0.572 χ^2 /NDF: 371.1/18

Left In: 21.140 $\pm$ 0.140 χ^2 /NDF:2161.7/21

Left: 21.154 $\pm$ 0.101 χ^2 /NDF: 4785.4/44

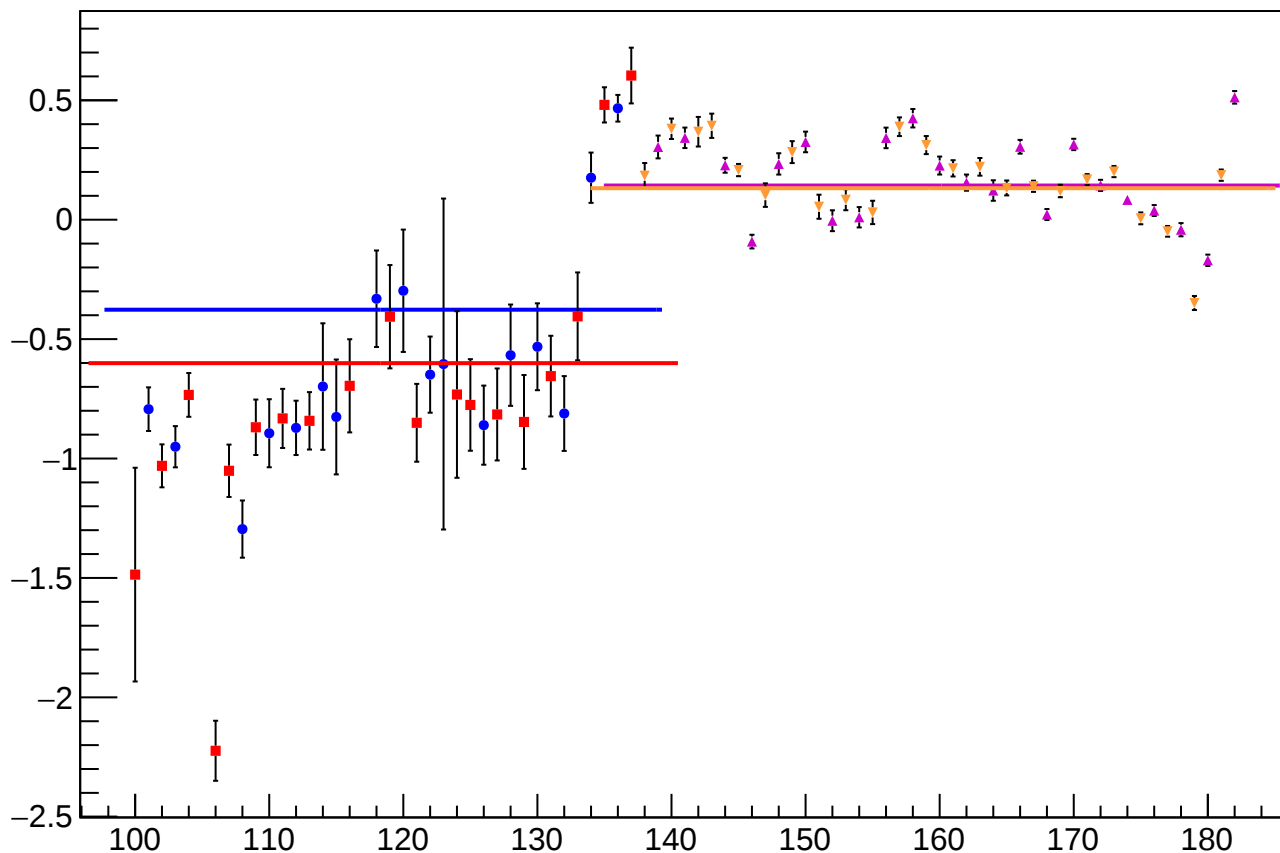
Right: 22.703 $\pm$ 0.399 χ^2 /NDF: 833.0/35

In: 21.255 $\pm$ 0.136 χ^2 /NDF:2633.9/38

Out: 21.238 $\pm$ 0.140 χ^2 /NDF:2998.6/41

All: 21.246 $\pm$ 0.098 χ^2 /NDF: 5632.6/80

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.132 ± 0.007 $\chi^2/\text{NDF}: 556.0/22$

Right Out: -0.601 ± 0.030 $\chi^2/\text{NDF}: 555.2/18$

Left In: 0.143 ± 0.006 $\chi^2/\text{NDF}: 785.8/21$

Left: 0.138 ± 0.005 $\chi^2/\text{NDF}: 1343.2/44$

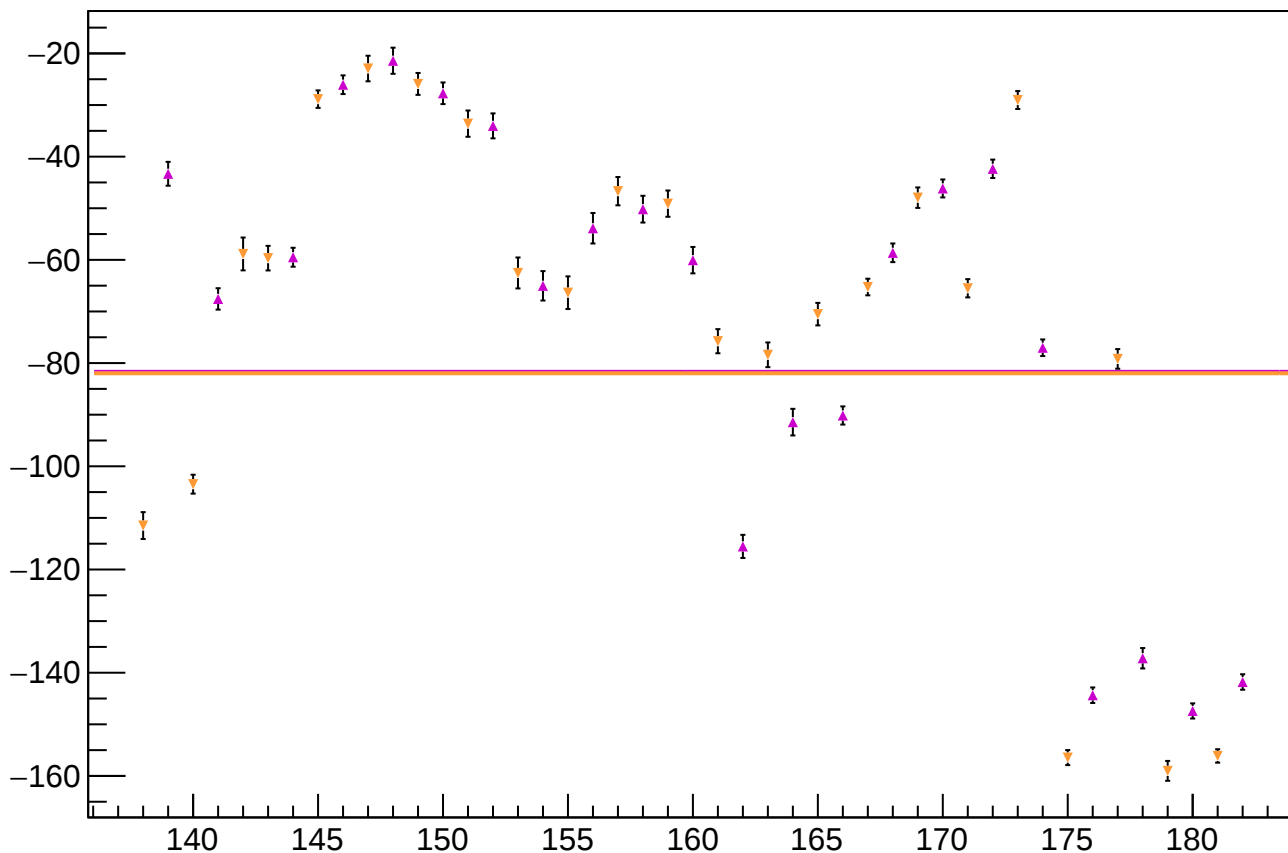
Right: -0.488 ± 0.021 $\chi^2/\text{NDF}: 1020.2/35$

In: 0.120 ± 0.006 $\chi^2/\text{NDF}: 1508.4/38$

Out: 0.098 ± 0.006 $\chi^2/\text{NDF}: 1673.4/41$

All: 0.110 ± 0.005 $\chi^2/\text{NDF}: 3187.8/80$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Left: -81.834+/-0.297 χ^2/NDF : 23192.9/44

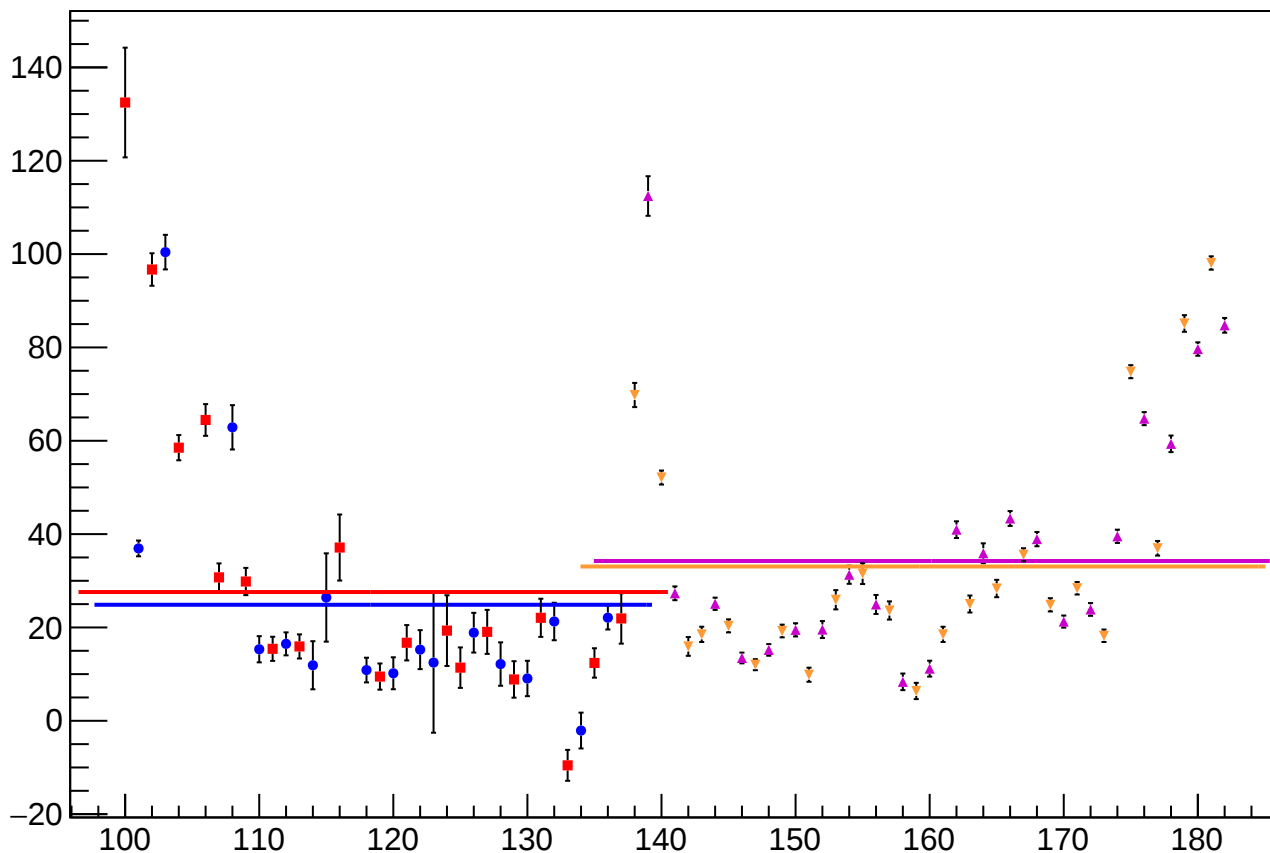
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.699+/-0.418 χ^2/NDF :10849.3/21

Out: -81.973+/-0.424 χ^2/NDF :12343.4/22

All: -81.834+/-0.297 χ^2/NDF : 23192.9/44

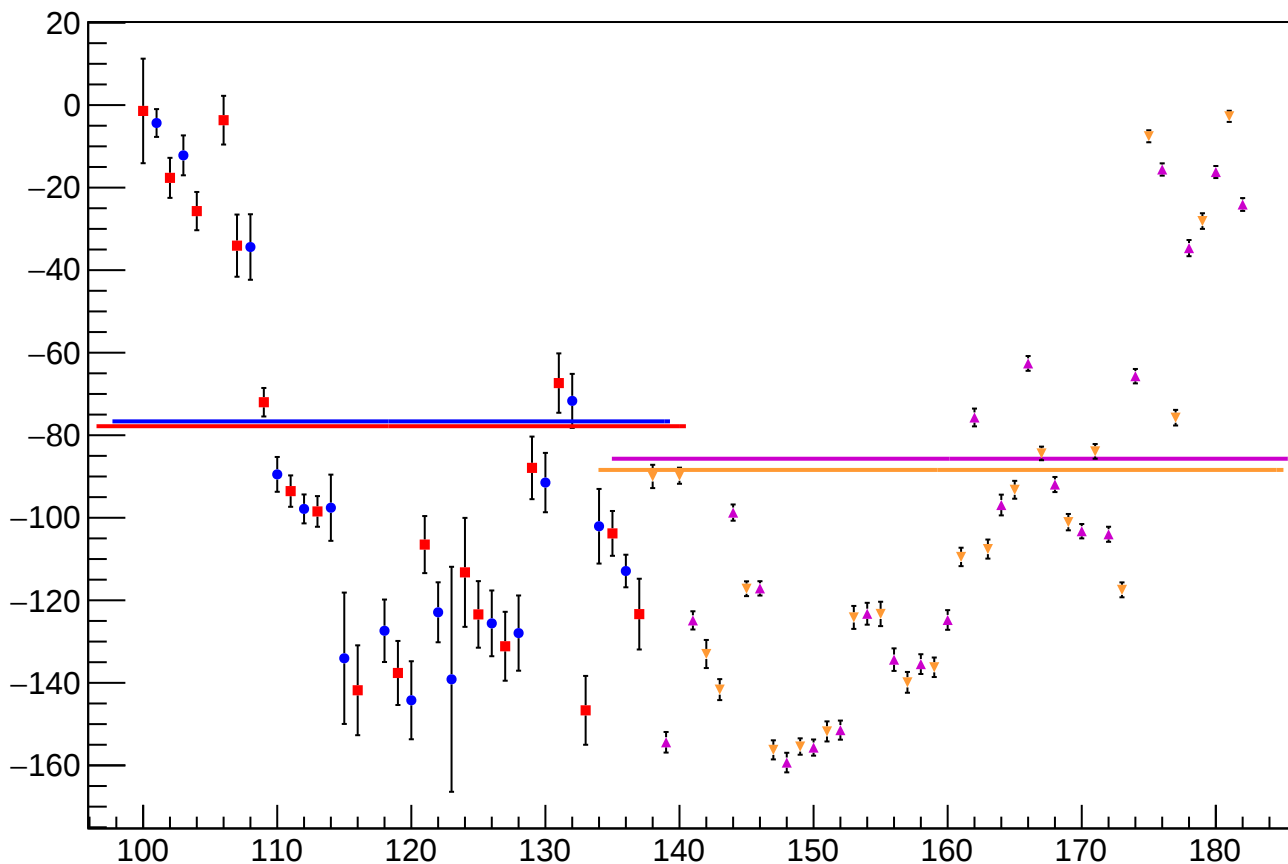
reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16
 Left Out: 33.060 $\pm$ 0.329 χ^2 /NDF:5599.5/22
 Right Out: 27.593 $\pm$ 0.810 χ^2 /NDF: 1010.9/18
 Left In: 34.241 $\pm$ 0.331 χ^2 /NDF:4486.1/21

Left: 33.648 $\pm$ 0.233 χ^2 /NDF: 10092.0/44
 Right: 26.215 $\pm$ 0.570 χ^2 /NDF: 1707.7/35
 In: 32.879 $\pm$ 0.306 χ^2 /NDF:5294.0/38
 Out: 32.286 $\pm$ 0.305 χ^2 /NDF:6649.6/41
 All: 32.582 $\pm$ 0.216 χ^2 /NDF: 11945.5/80

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 $\chi^2/\text{NDF}: 1040.7/16$

Left Out: -88.407 ± 0.424 $\chi^2/\text{NDF}: 13308.4/22$

Right Out: -77.815 ± 1.352 $\chi^2/\text{NDF}: 873.3/18$

Left In: -85.695 ± 0.417 $\chi^2/\text{NDF}: 12980.9/21$

Left: -87.028 ± 0.298 $\chi^2/\text{NDF}: 26310.0/44$

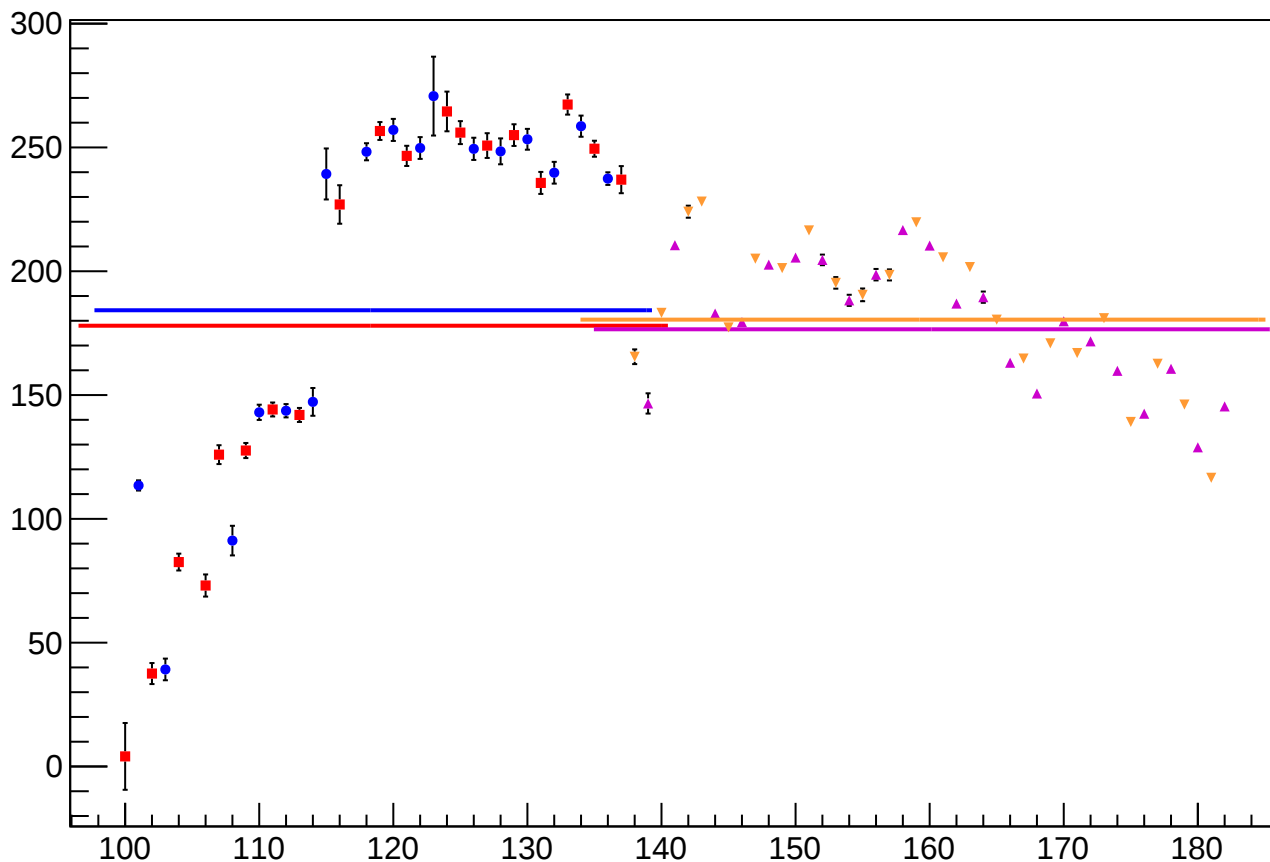
Right: -77.254 ± 0.978 $\chi^2/\text{NDF}: 1914.4/35$

In: -84.970 ± 0.400 $\chi^2/\text{NDF}: 14059.3/38$

Out: -87.457 ± 0.405 $\chi^2/\text{NDF}: 14237.5/41$

All: -86.199 ± 0.285 $\chi^2/\text{NDF}: 28315.9/80$

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2/NDF : 5388.6/16

Left Out: 180.461 $\pm$ 0.373 χ^2/NDF : 5748.0/22

Right Out: 178.003 $\pm$ 0.924 χ^2/NDF : 6338.0/18

Left In: 176.558 $\pm$ 0.373 χ^2/NDF : 4436.8/21

Left: 178.508 $\pm$ 0.264 χ^2/NDF : 10239.6/44

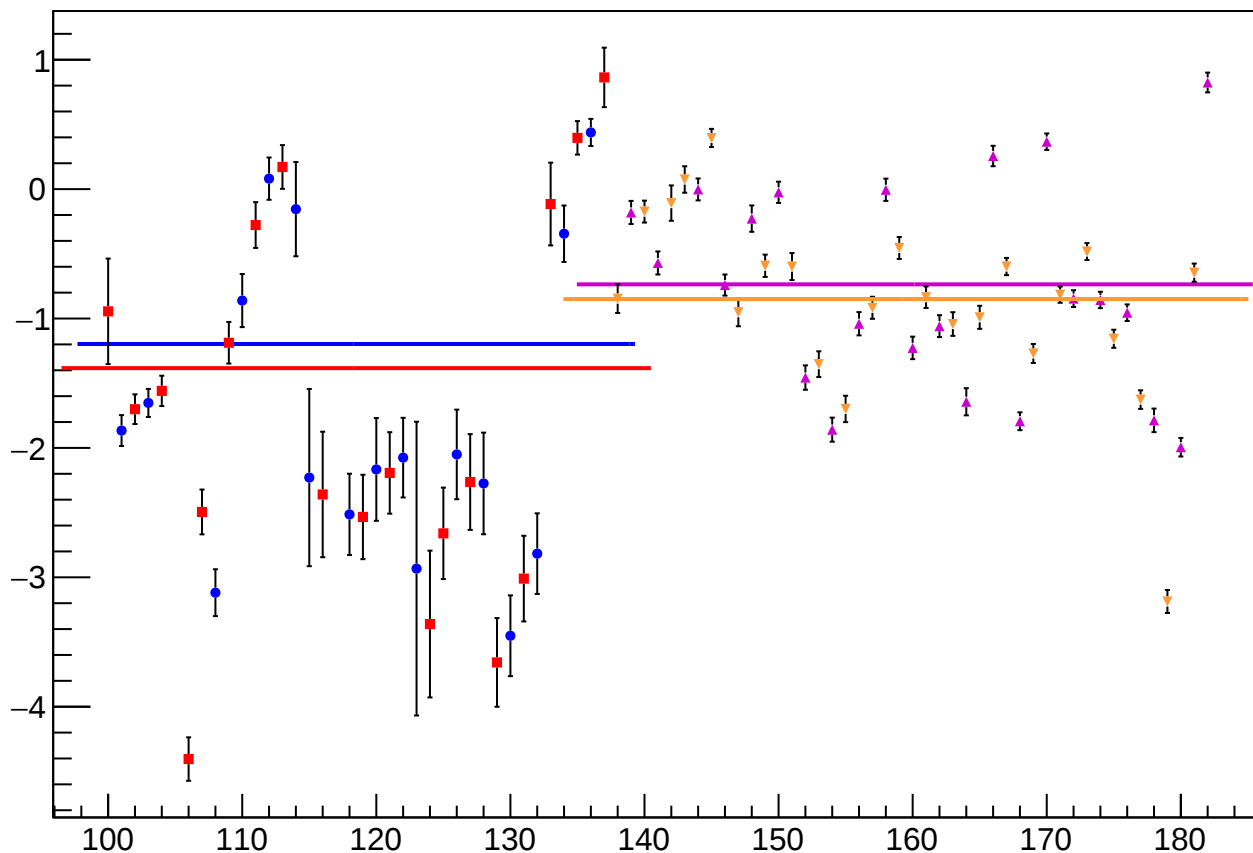
Right: 181.152 $\pm$ 0.650 χ^2/NDF : 11749.6/35

In: 177.651 $\pm$ 0.345 χ^2/NDF : 9885.9/38

Out: 180.117 $\pm$ 0.346 χ^2/NDF : 12092.1/41

All: 178.881 $\pm$ 0.244 χ^2/NDF : 22003.4/80

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.849 ± 0.017 χ^2/NDF : 1545.9/22

Right Out: -1.383 ± 0.046 χ^2/NDF : 923.4/18

Left In: -0.736 ± 0.017 χ^2/NDF : 2196.4/21

Left: -0.792 ± 0.012 χ^2/NDF : 3764.4/44

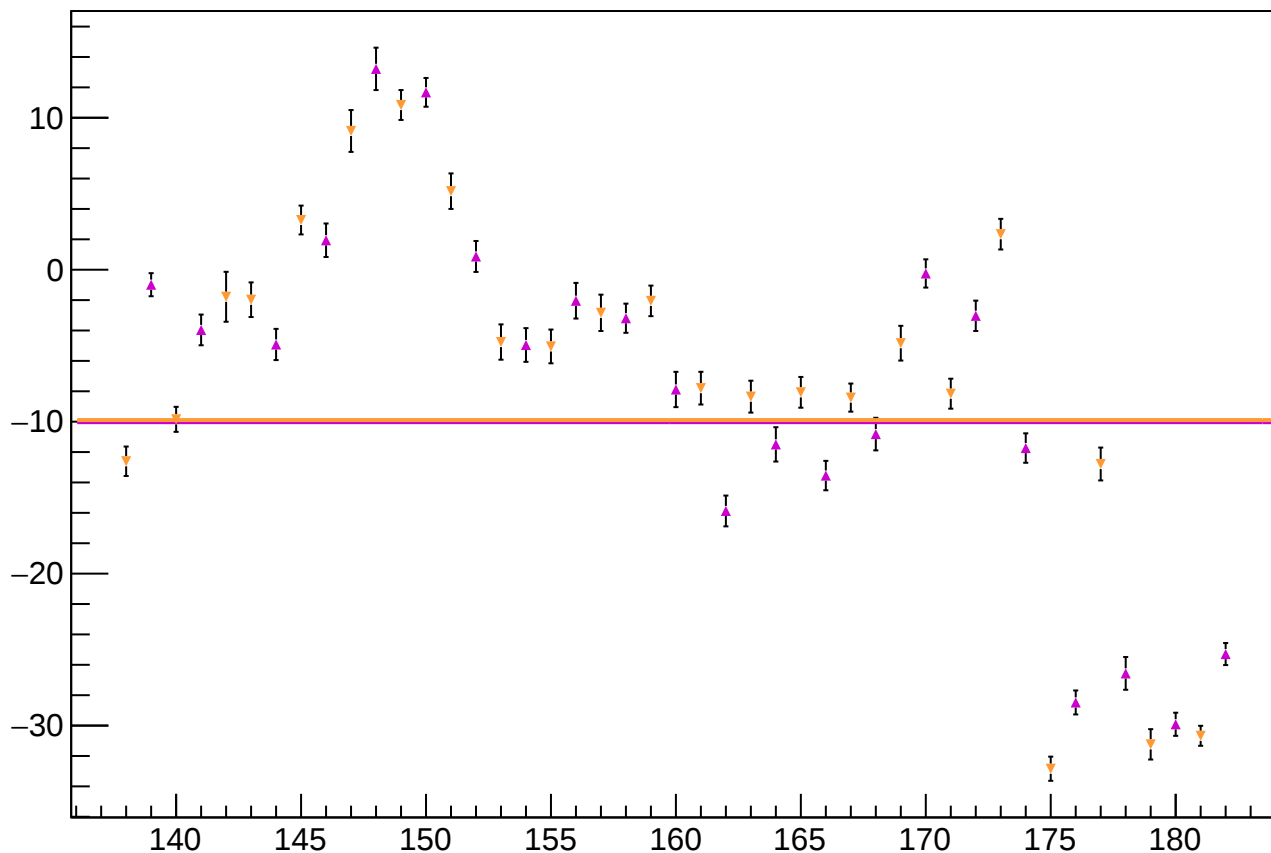
Right: -1.295 ± 0.033 χ^2/NDF : 1552.8/35

In: -0.787 ± 0.016 χ^2/NDF : 2899.5/38

Out: -0.916 ± 0.016 χ^2/NDF : 2588.5/41

All: -0.851 ± 0.011 χ^2/NDF : 5520.2/80

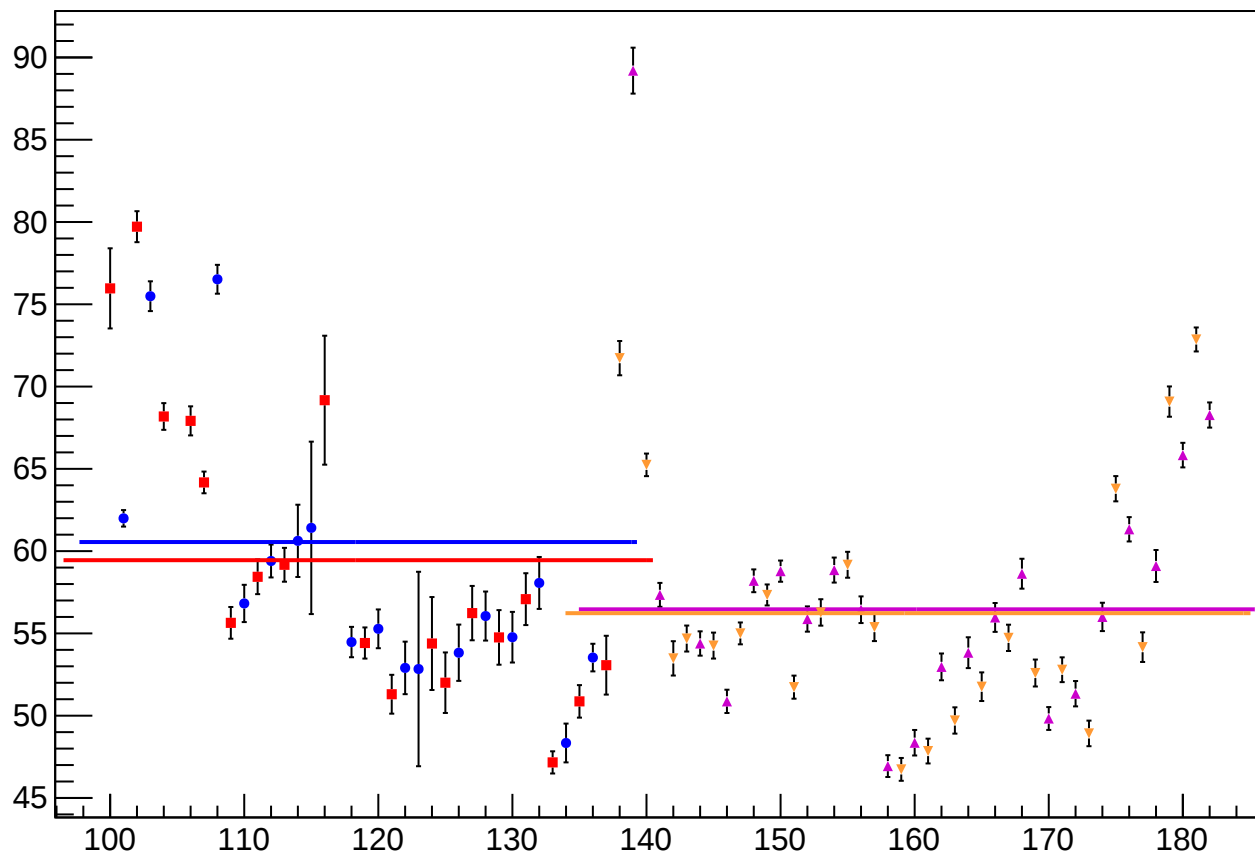
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.894+/-0.210 χ^2/NDF :3684.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -10.032+/-0.206 χ^2/NDF :3478.9/21

Left: -9.964+/-0.147 χ^2/NDF : 7163.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -10.032+/-0.206 χ^2/NDF :3478.9/21
 Out: -9.894+/-0.210 χ^2/NDF :3684.0/22
 All: -9.964+/-0.147 χ^2/NDF : 7163.1/44

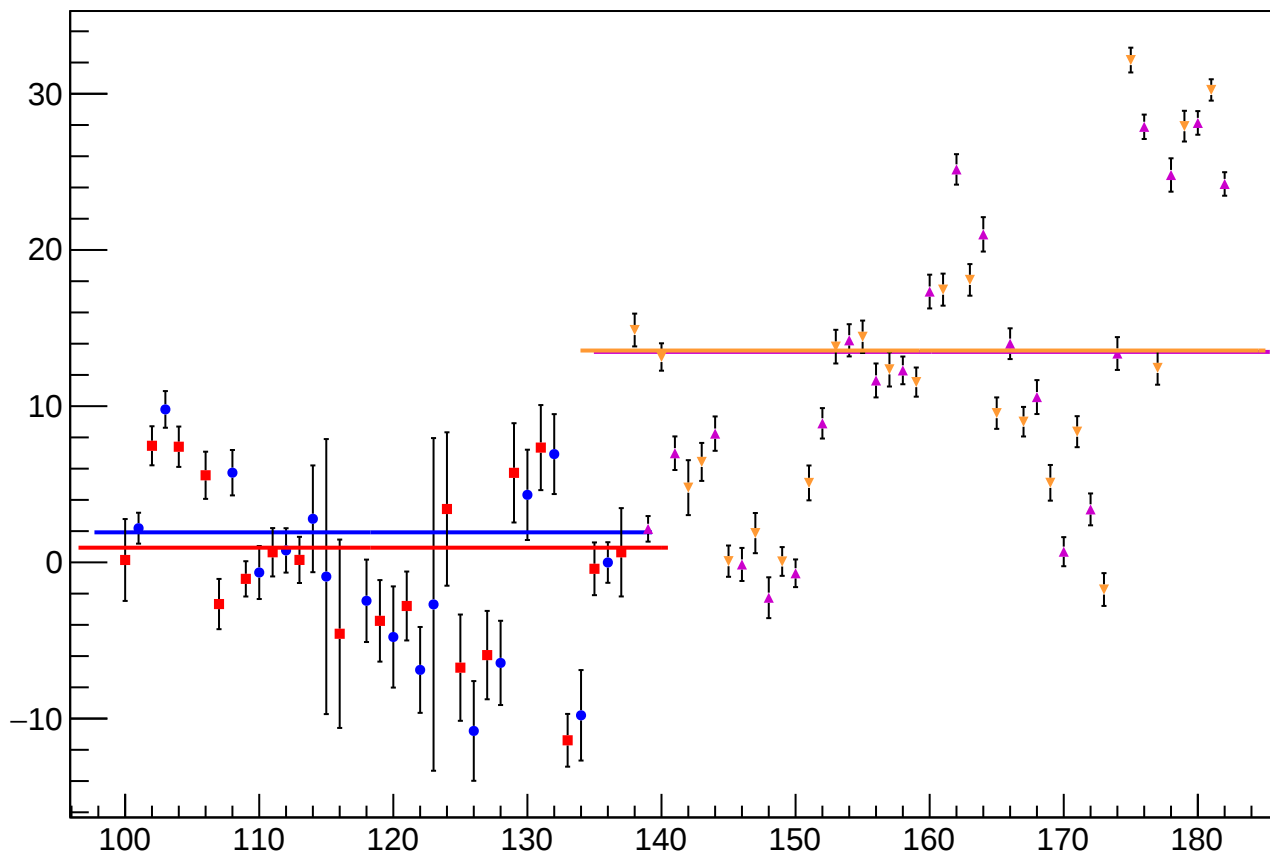
reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 +/- 0.262 χ^2/NDF : 931.0/16
 Left Out: 56.229 +/- 0.163 χ^2/NDF : 1828.5/22
 Right Out: 59.449 +/- 0.248 χ^2/NDF : 1321.3/18
 Left In: 56.463 +/- 0.166 χ^2/NDF : 1581.8/21

Left: 56.344 +/- 0.116 χ^2/NDF : 3411.3/44
 Right: 59.970 +/- 0.180 χ^2/NDF : 2261.6/35
 In: 57.636 +/- 0.140 χ^2/NDF : 2686.8/38
 Out: 57.202 +/- 0.136 χ^2/NDF : 3267.8/41
 All: 57.412 +/- 0.098 χ^2/NDF : 5959.5/80

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 χ^2/NDF : 121.1/16

Left Out: 13.562 ± 0.209 χ^2/NDF : 2331.1/22

Right Out: 0.941 ± 0.424 χ^2/NDF : 150.2/18

Left In: 13.473 ± 0.205 χ^2/NDF : 2371.6/21

Left: 13.517 ± 0.146 χ^2/NDF : 4702.7/44

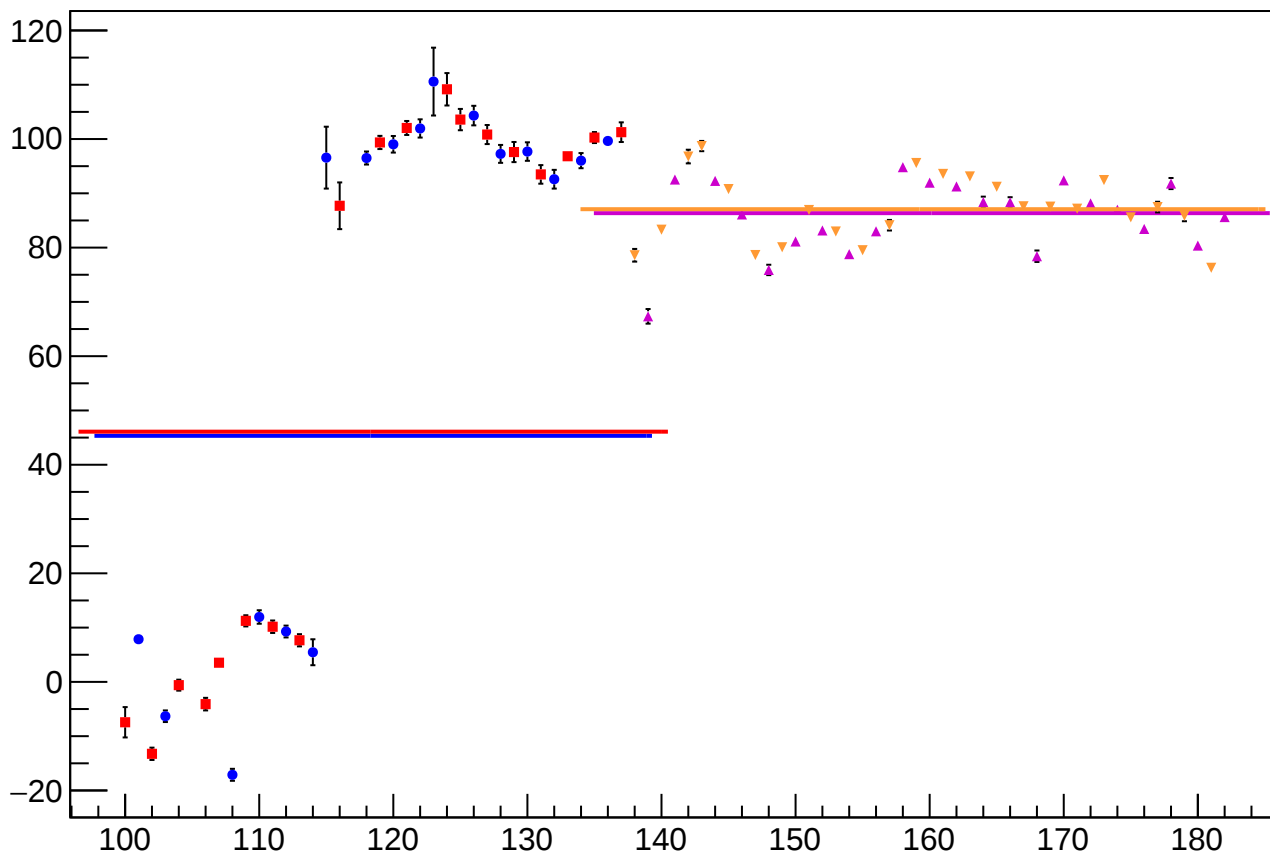
Right: 1.394 ± 0.311 χ^2/NDF : 273.7/35

In: 11.541 ± 0.187 χ^2/NDF : 3021.6/38

Out: 11.096 ± 0.187 χ^2/NDF : 3194.1/41

All: 11.318 ± 0.133 χ^2/NDF : 6218.6/80

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 87.076+/-0.184 χ^2/NDF :1084.2/22

Right Out: 46.094+/-0.289 χ^2/NDF : 28267.6/18

Left In: 86.348+/-0.186 χ^2/NDF :1024.1/21

Left: 86.715+/-0.131 χ^2/NDF : 2116.0/44

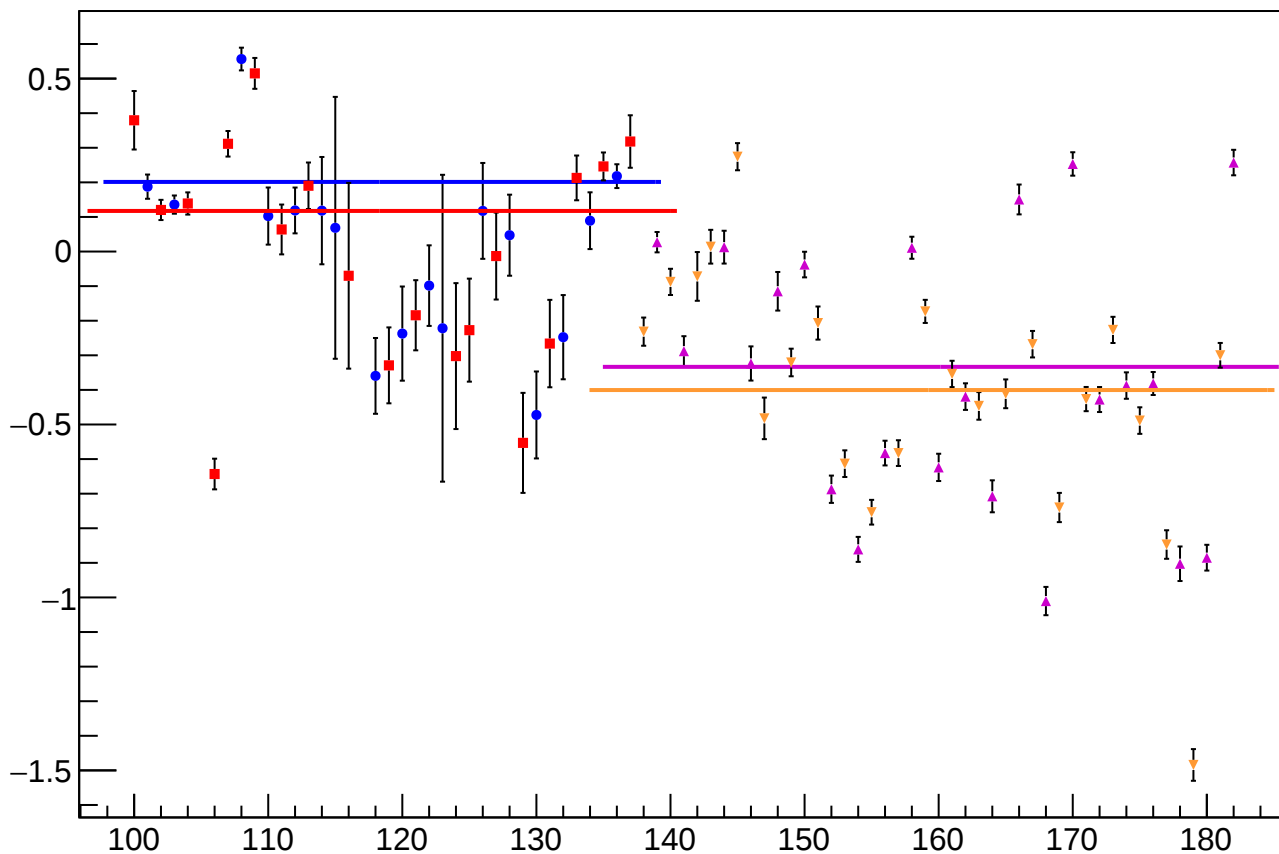
Right: 45.731+/-0.209 χ^2/NDF : 53277.7/35

In: 75.183+/-0.158 χ^2/NDF :39315.3/38

Out: 75.245+/-0.155 χ^2/NDF :43635.7/41

All: 75.215+/-0.111 χ^2/NDF : 82951.2/80

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.400 ± 0.008 χ^2/NDF : 1486.3/22

Right Out: 0.117 ± 0.013 χ^2/NDF : 499.5/18

Left In: -0.333 ± 0.008 χ^2/NDF : 2185.4/21

Left: -0.366 ± 0.006 χ^2/NDF : 3704.2/44

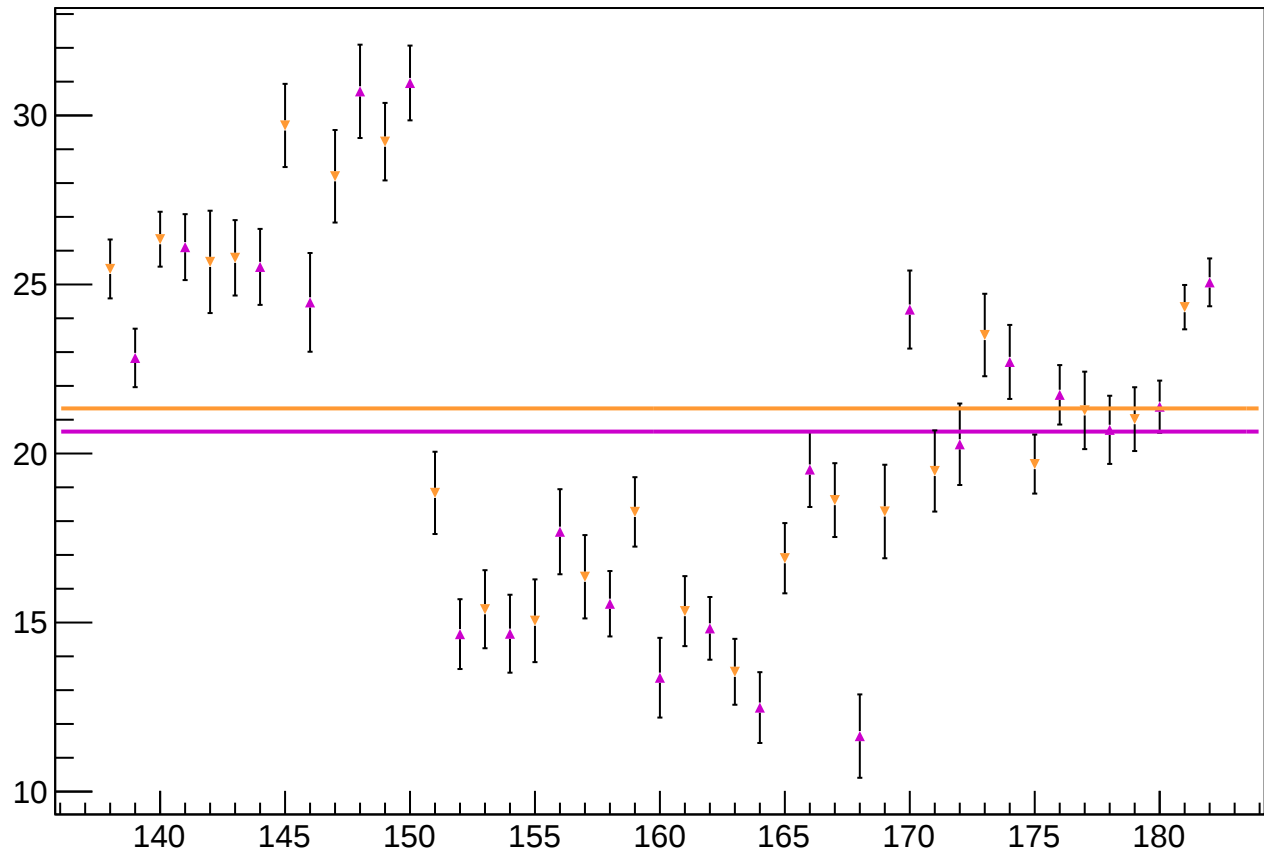
Right: 0.156 ± 0.010 χ^2/NDF : 735.9/35

In: -0.197 ± 0.007 χ^2/NDF : 3482.1/38

Out: -0.248 ± 0.007 χ^2/NDF : 3103.0/41

All: -0.223 ± 0.005 χ^2/NDF : 6611.4/80

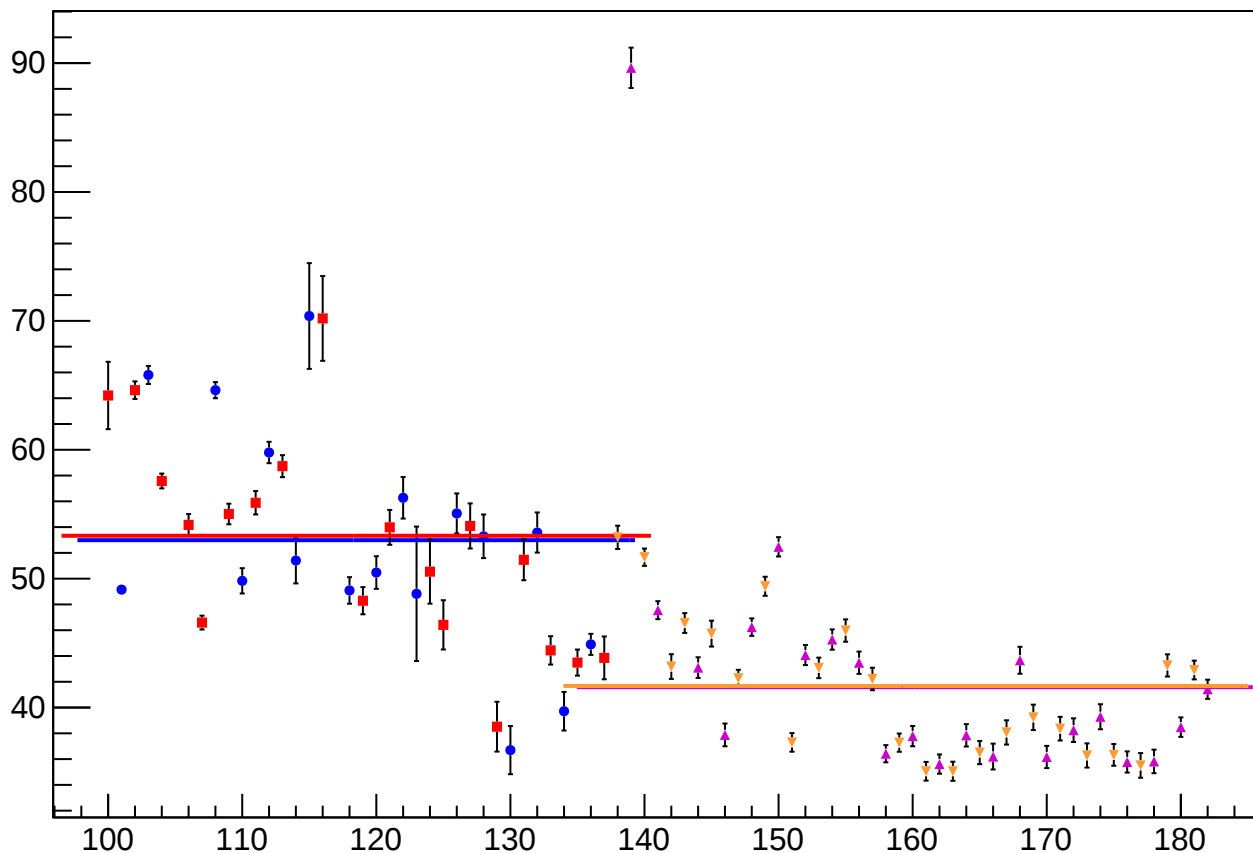
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21

Left: 20.991 $\pm$ 0.155 χ^2 /NDF: 991.8/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 20.648 $\pm$ 0.219 χ^2 /NDF:544.6/21
 Out: 21.334 $\pm$ 0.219 χ^2 /NDF:442.3/22
 All: 20.991 $\pm$ 0.155 χ^2 /NDF: 991.8/44

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: 41.674 $\pm$ 0.170 χ^2 /NDF:1009.1/22

Right Out: 53.330 $\pm$ 0.227 χ^2 /NDF: 873.8/18

Left In: 41.579 $\pm$ 0.175 χ^2 /NDF:1698.7/21

Left: 41.628 $\pm$ 0.122 χ^2 /NDF: 2707.9/44

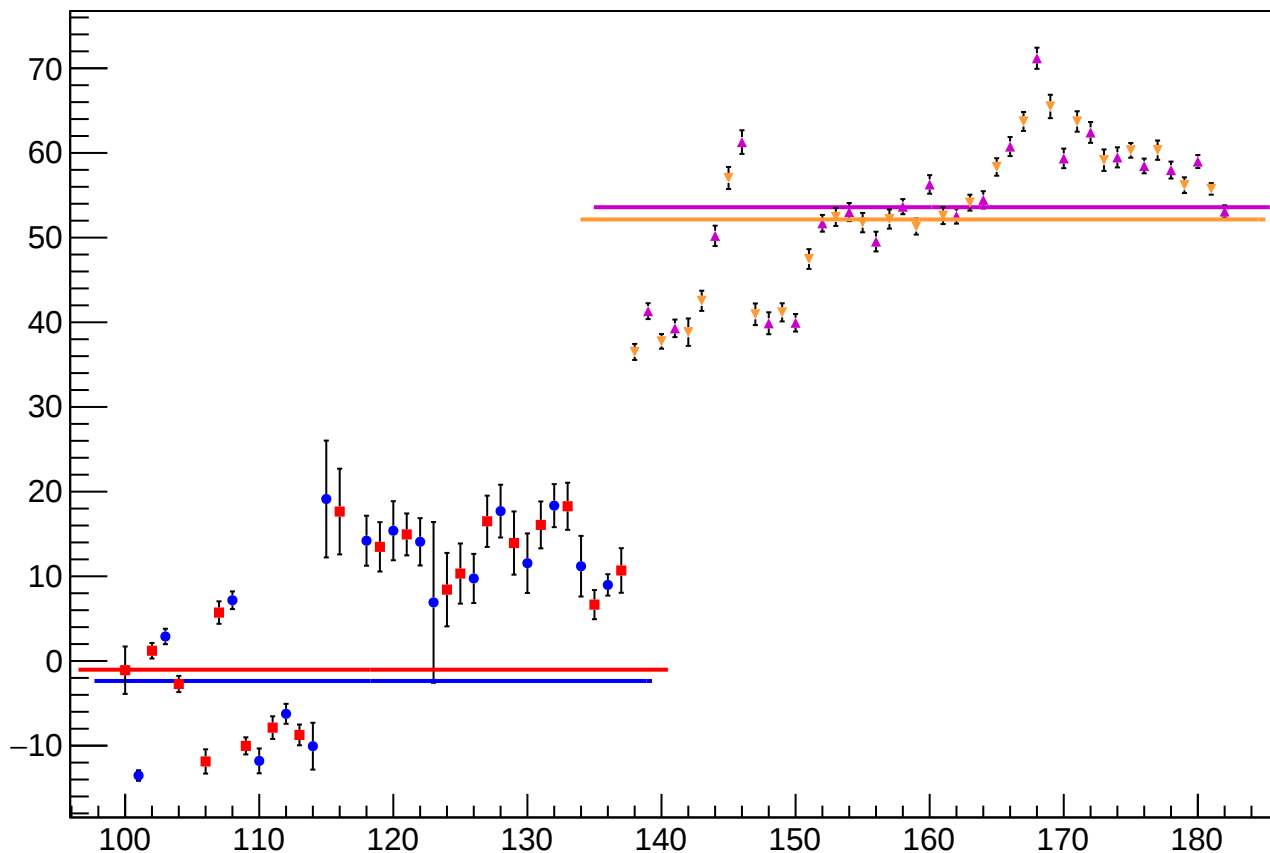
Right: 53.145 $\pm$ 0.154 χ^2 /NDF: 2073.0/35

In: 46.251 $\pm$ 0.135 χ^2 /NDF:4632.9/38

Out: 45.867 $\pm$ 0.136 χ^2 /NDF:3578.3/41

All: 46.061 $\pm$ 0.096 χ^2 /NDF: 8215.2/80

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 52.145 ± 0.218 χ^2/NDF : 1446.1/22

Right Out: -1.030 ± 0.377 χ^2/NDF : 507.8/18

Left In: 53.592 ± 0.217 χ^2/NDF : 1151.4/21

Left: 52.871 ± 0.154 χ^2/NDF : 2619.5/44

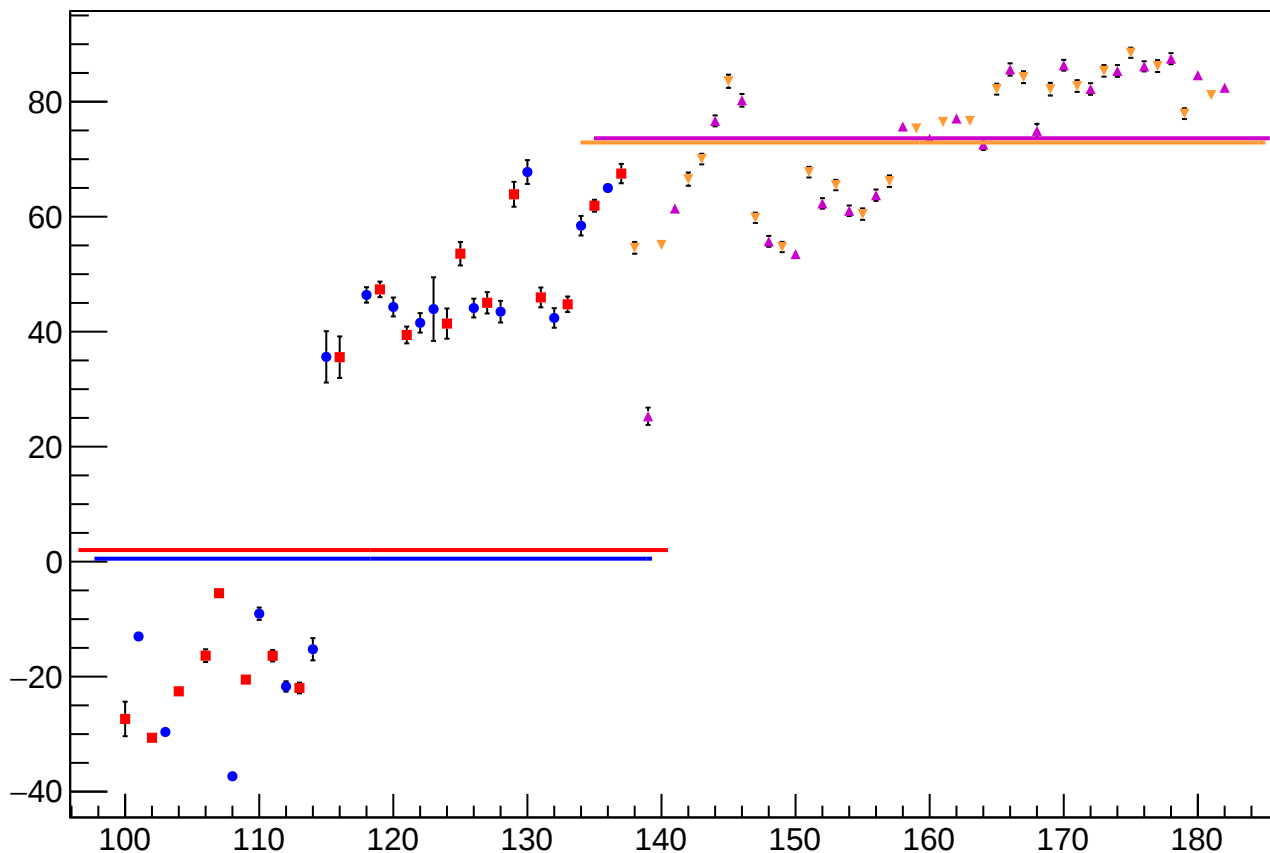
Right: -1.717 ± 0.262 χ^2/NDF : 1352.0/35

In: 38.886 ± 0.187 χ^2/NDF : 19394.1/38

Out: 38.781 ± 0.189 χ^2/NDF : 16864.3/41

All: 38.834 ± 0.133 χ^2/NDF : 36258.6/80

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 χ^2/NDF : 18386.0/16

Left Out: 72.904 ± 0.193 χ^2/NDF : 3065.6/22

Right Out: 2.013 ± 0.266 χ^2/NDF : 15473.7/18

Left In: 73.641 ± 0.196 χ^2/NDF : 3897.1/21

Left: 73.266 ± 0.137 χ^2/NDF : 6969.8/44

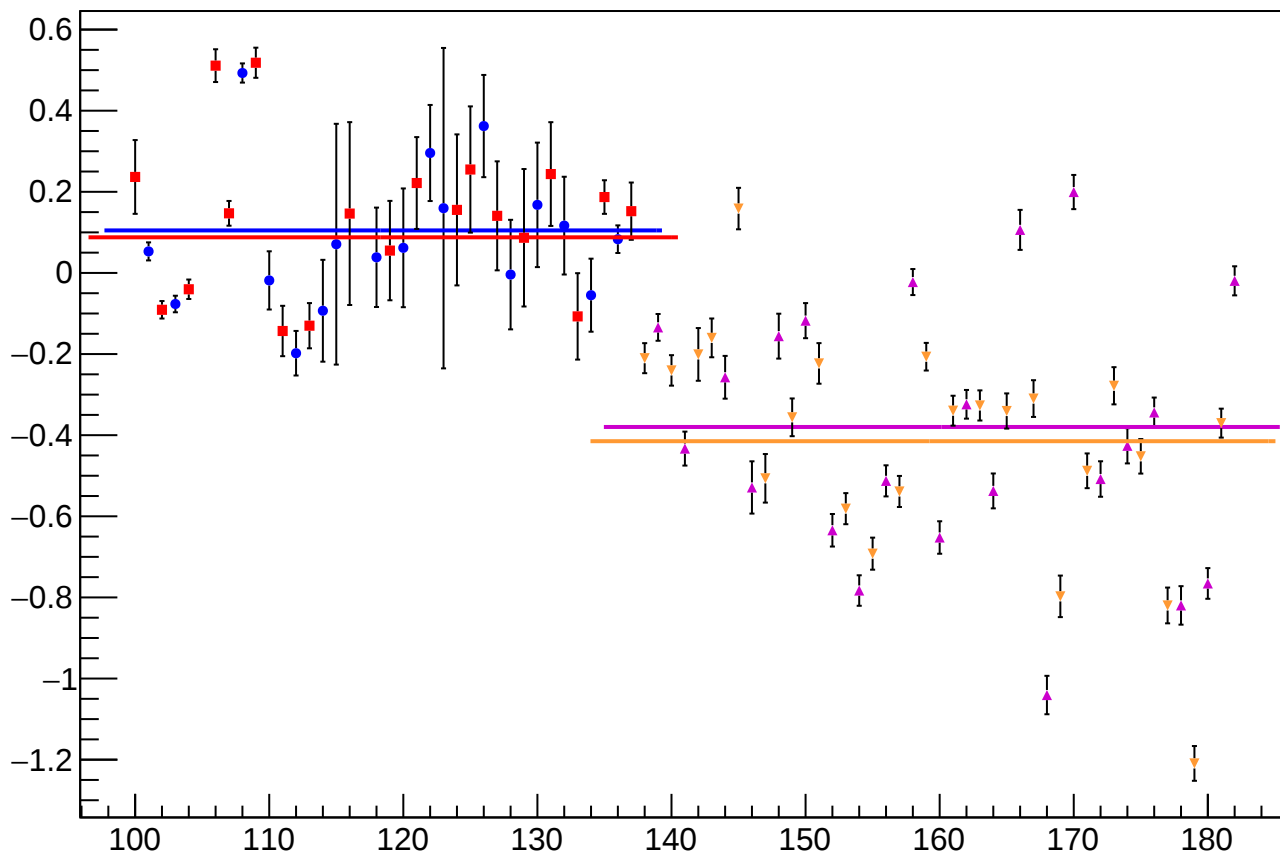
Right: 1.209 ± 0.181 χ^2/NDF : 33876.6/35

In: 45.376 ± 0.154 χ^2/NDF : 76080.2/38

Out: 48.575 ± 0.156 χ^2/NDF : 65069.1/41

All: 46.950 ± 0.109 χ^2/NDF : 141362.8/80

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.415 ± 0.009 $\chi^2/\text{NDF}: 867.6/22$

Right Out: 0.088 ± 0.011 $\chi^2/\text{NDF}: 391.0/18$

Left In: -0.380 ± 0.009 $\chi^2/\text{NDF}: 1256.5/21$

Left: -0.397 ± 0.006 $\chi^2/\text{NDF}: 2132.1/44$

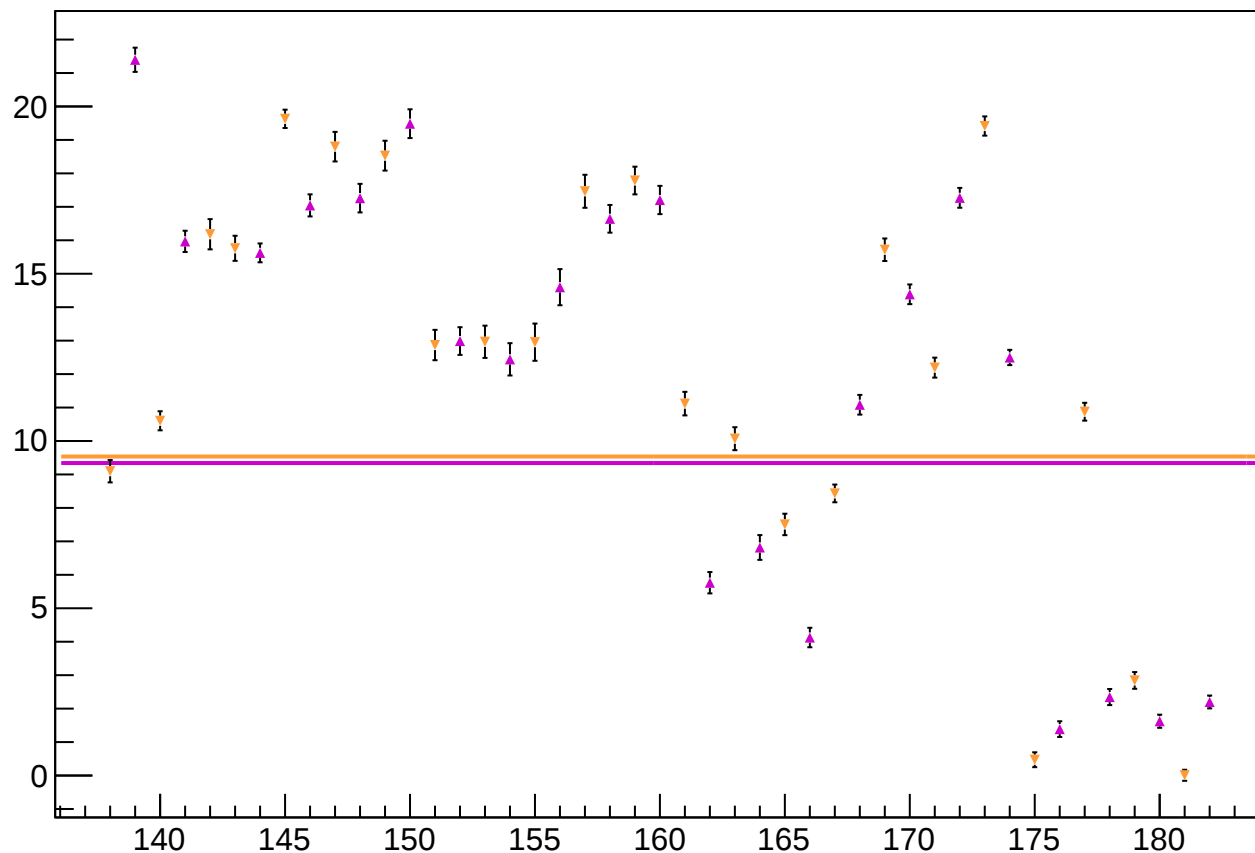
Right: 0.096 ± 0.008 $\chi^2/\text{NDF}: 793.0/35$

In: -0.192 ± 0.007 $\chi^2/\text{NDF}: 2840.2/38$

Out: -0.217 ± 0.007 $\chi^2/\text{NDF}: 2526.3/41$

All: -0.205 ± 0.005 $\chi^2/\text{NDF}: 5373.2/80$

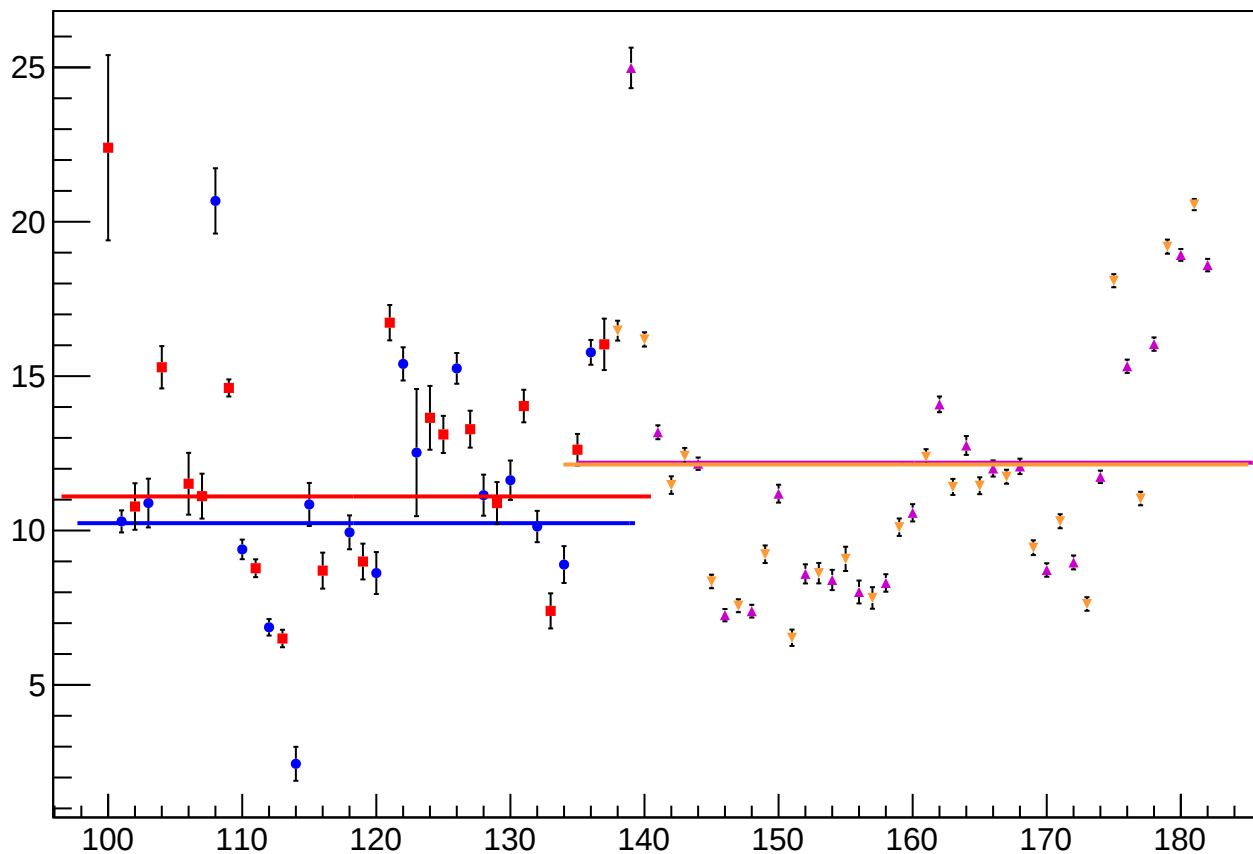
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.536 $\pm$ 0.065 χ^2 /NDF:10916.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 9.341 $\pm$ 0.064 χ^2 /NDF:11001.6/21

Left: 9.437 $\pm$ 0.045 χ^2 /NDF: 21922.9/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 9.341 $\pm$ 0.064 χ^2 /NDF:11001.6/21
 Out: 9.536 $\pm$ 0.065 χ^2 /NDF:10916.7/22
 All: 9.437 $\pm$ 0.045 χ^2 /NDF: 21922.9/44

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 $\pm$ 0.119 χ^2 /NDF: 867.4/16

Left Out: 12.138 $\pm$ 0.052 χ^2 /NDF: 6729.2/22

Right Out: 11.104 $\pm$ 0.116 χ^2 /NDF: 815.2/18

Left In: 12.197 $\pm$ 0.052 χ^2 /NDF: 5465.1/21

Left: 12.168 $\pm$ 0.036 χ^2 /NDF: 12195.0/44

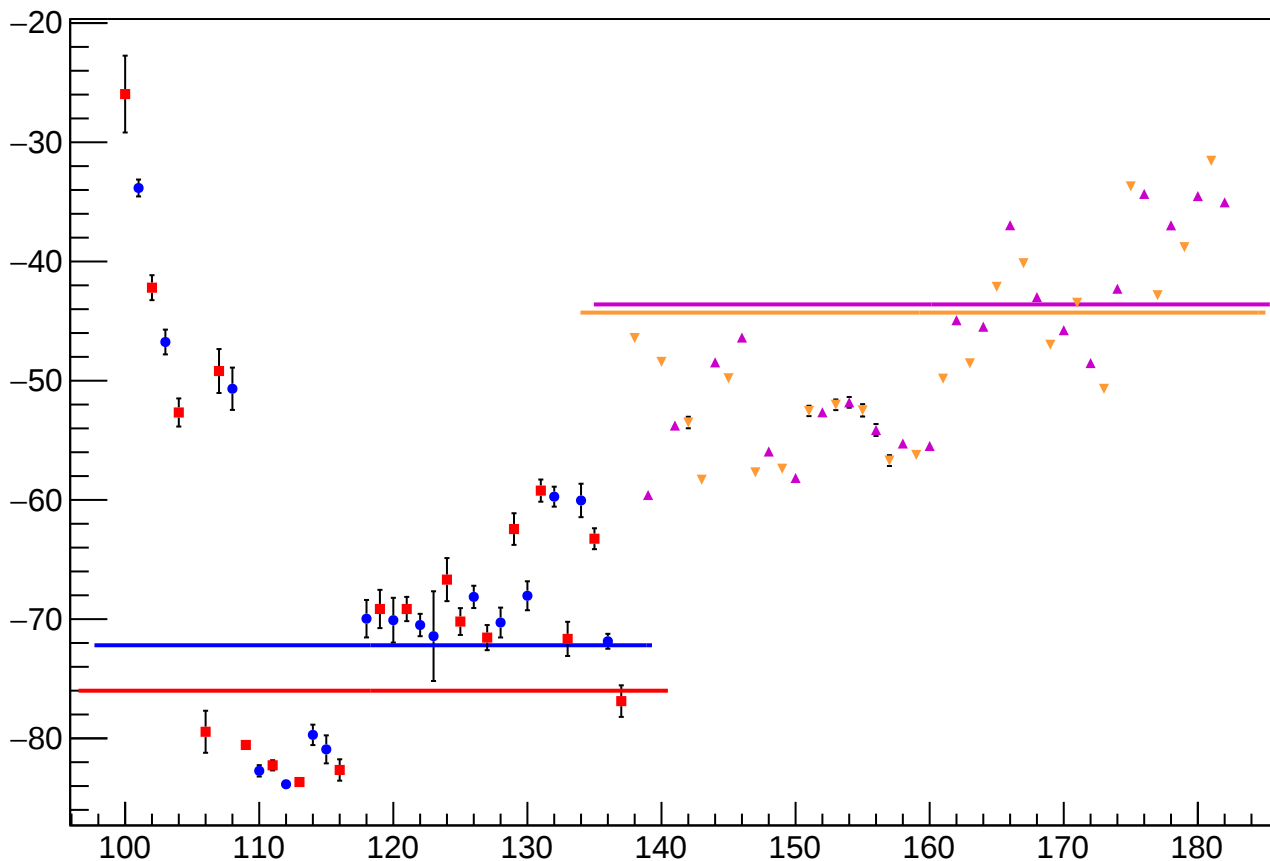
Right: 10.681 $\pm$ 0.083 χ^2 /NDF: 1709.6/35

In: 11.888 $\pm$ 0.047 χ^2 /NDF: 6560.1/38

Out: 11.968 $\pm$ 0.047 χ^2 /NDF: 7610.4/41

All: 11.928 $\pm$ 0.033 χ^2 /NDF: 14172.0/80

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.192 ± 0.198 $\chi^2/\text{NDF}: 5563.0/16$

Left Out: -44.286 ± 0.065 $\chi^2/\text{NDF}: 16348.8/22$

Right Out: -76.003 ± 0.181 $\chi^2/\text{NDF}: 3465.3/18$

Left In: -43.600 ± 0.064 $\chi^2/\text{NDF}: 15574.2/21$

Left: -43.936 ± 0.046 $\chi^2/\text{NDF}: 31979.3/44$

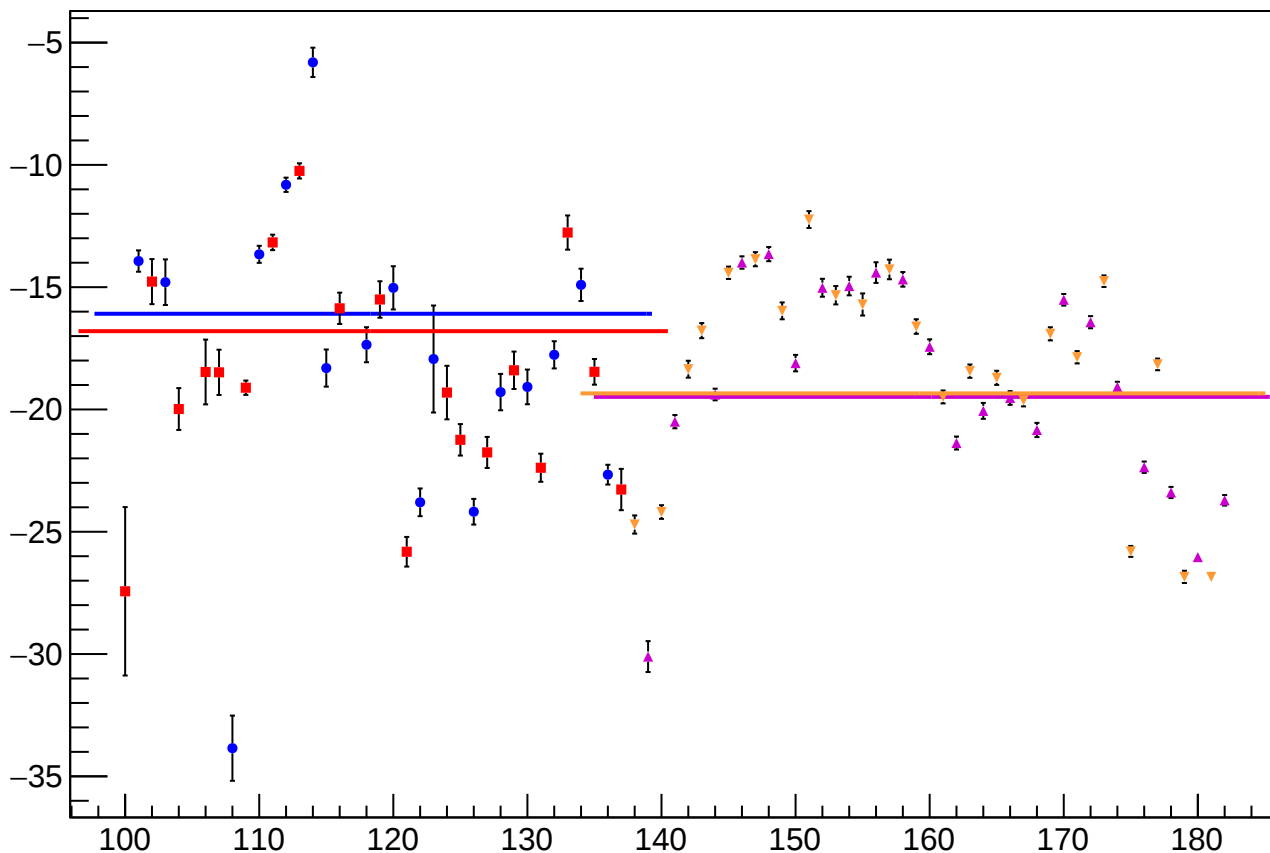
Right: -74.270 ± 0.134 $\chi^2/\text{NDF}: 9230.0/35$

In: -46.301 ± 0.061 $\chi^2/\text{NDF}: 39994.3/38$

Out: -47.933 ± 0.061 $\chi^2/\text{NDF}: 47005.5/41$

All: -47.111 ± 0.043 $\chi^2/\text{NDF}: 87356.5/80$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -19.343 ± 0.058 χ^2/NDF : 6020.2/22

Right Out: -16.798 ± 0.128 χ^2/NDF : 1214.0/18

Left In: -19.485 ± 0.058 χ^2/NDF : 4300.2/21

Left: -19.415 ± 0.041 χ^2/NDF : 10323.4/44

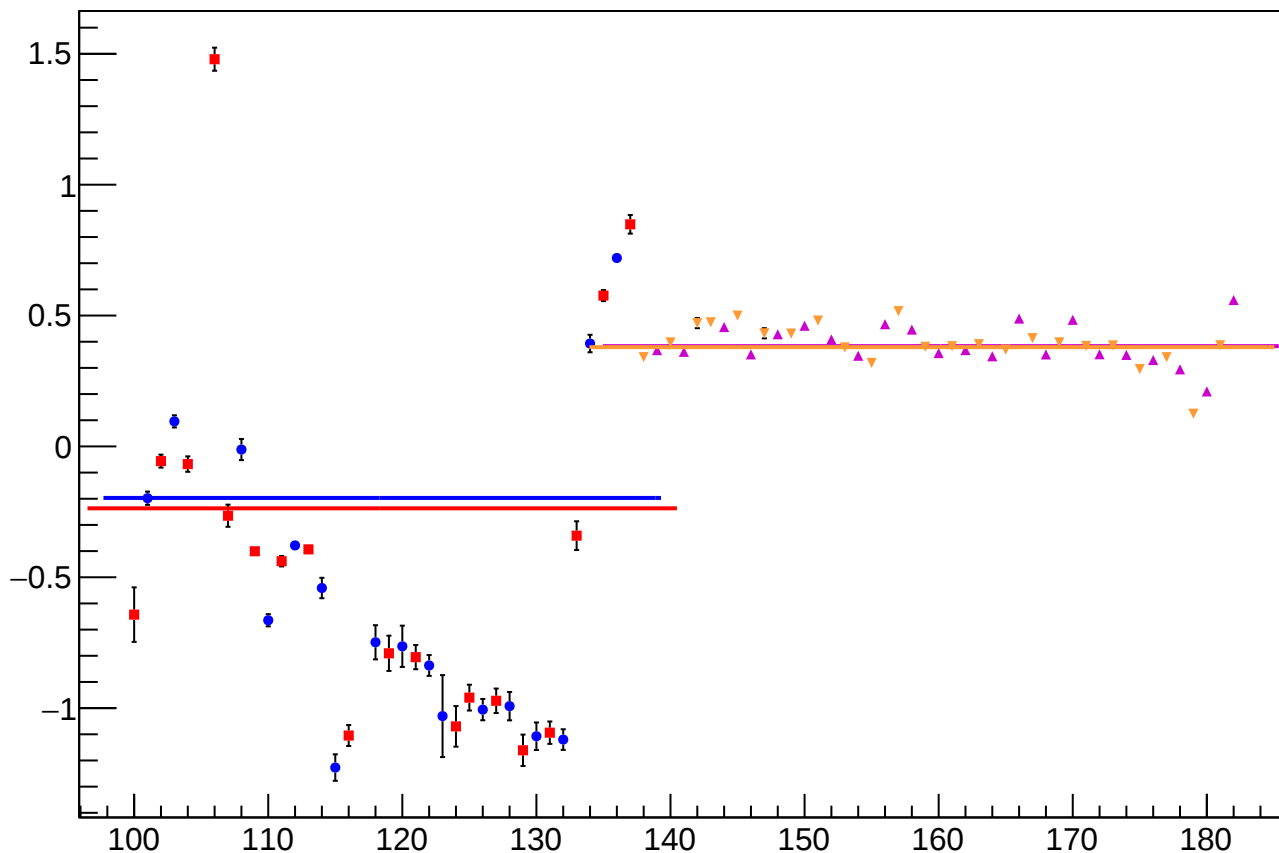
Right: -16.454 ± 0.092 χ^2/NDF : 2850.6/35

In: -18.941 ± 0.053 χ^2/NDF : 6475.2/38

Out: -18.909 ± 0.053 χ^2/NDF : 7561.3/41

All: -18.925 ± 0.037 χ^2/NDF : 14036.7/80

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.379 ± 0.003 χ^2/NDF : 900.5/22

Right Out: -0.237 ± 0.007 χ^2/NDF : 6220.2/18

Left In: 0.383 ± 0.003 χ^2/NDF : 1055.7/21

Left: 0.381 ± 0.002 χ^2/NDF : 1957.3/44

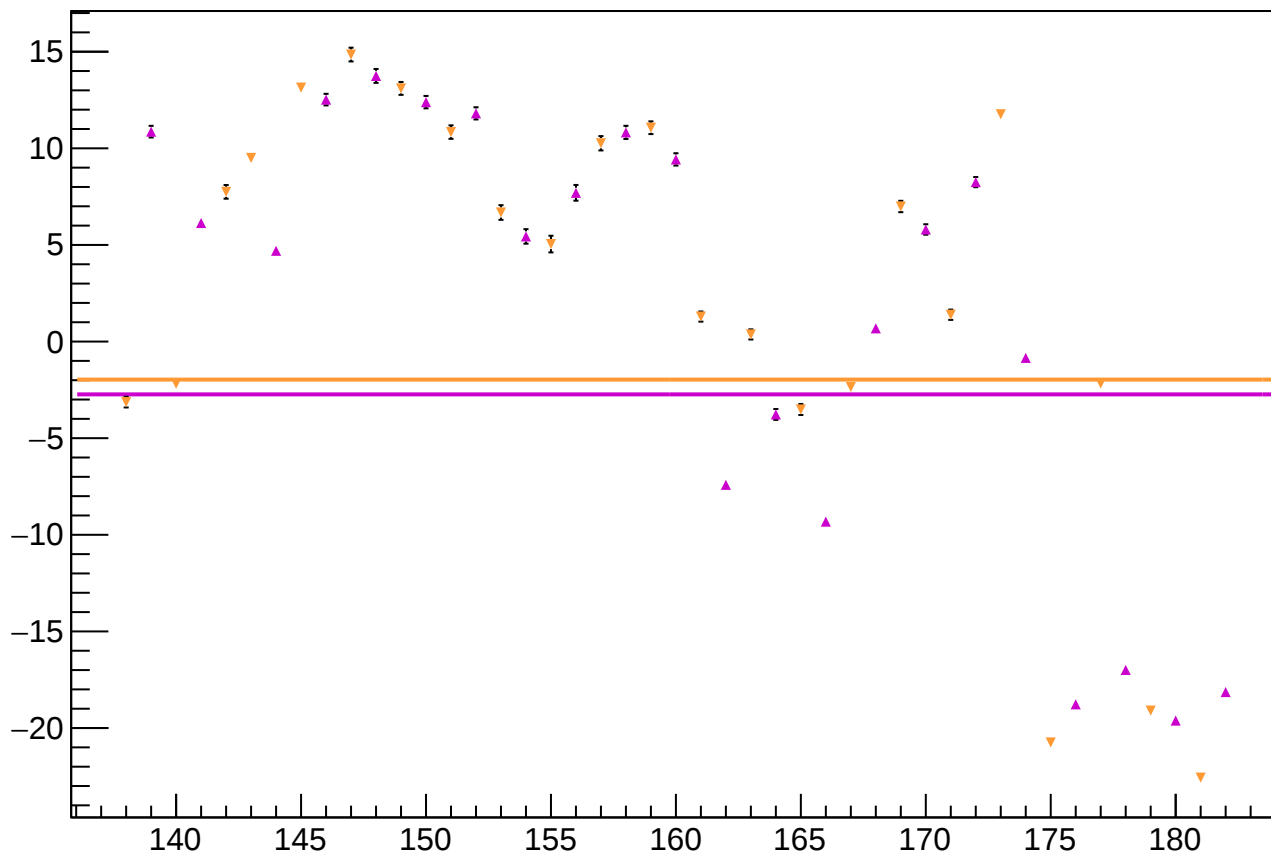
Right: -0.218 ± 0.005 χ^2/NDF : 12564.6/35

In: 0.320 ± 0.002 χ^2/NDF : 12646.0/38

Out: 0.303 ± 0.003 χ^2/NDF : 13587.5/41

All: 0.312 ± 0.002 χ^2/NDF : 26255.0/80

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



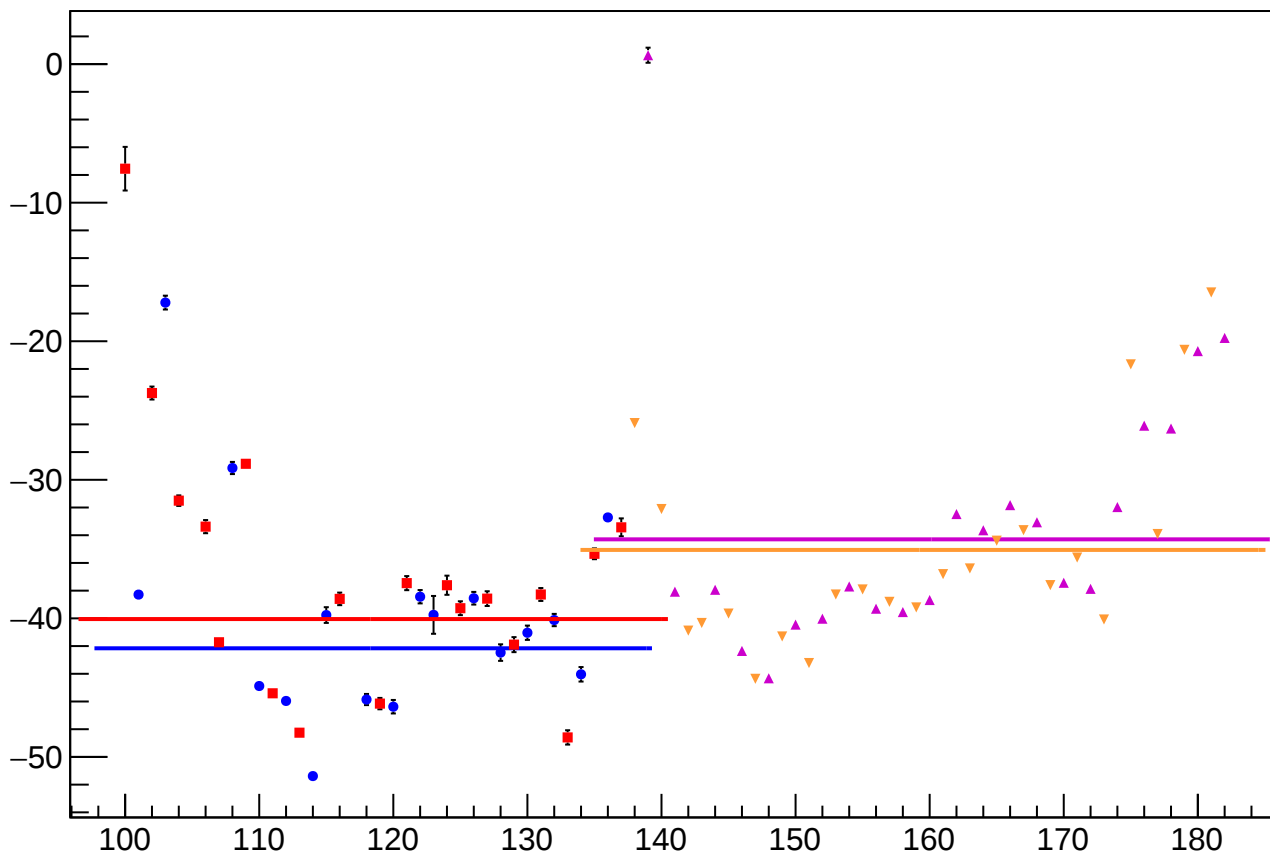
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.733+/-0.055 χ^2/NDF : 46109.8/21

Left: -2.349+/-0.039 χ^2/NDF : 96755.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.733+/-0.055 χ^2/NDF : 46109.8/21
 Out: -1.968+/-0.055 χ^2/NDF : 50549.3/22

All: -2.349+/-0.039 χ^2/NDF : 96755.0/44

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -35.061 ± 0.043 χ^2/NDF : 31273.0/22

Right Out: -40.050 ± 0.073 χ^2/NDF : 11311.3/18

Left In: -34.297 ± 0.044 χ^2/NDF : 28144.4/21

Left: -34.690 ± 0.031 χ^2/NDF : 59570.6/44

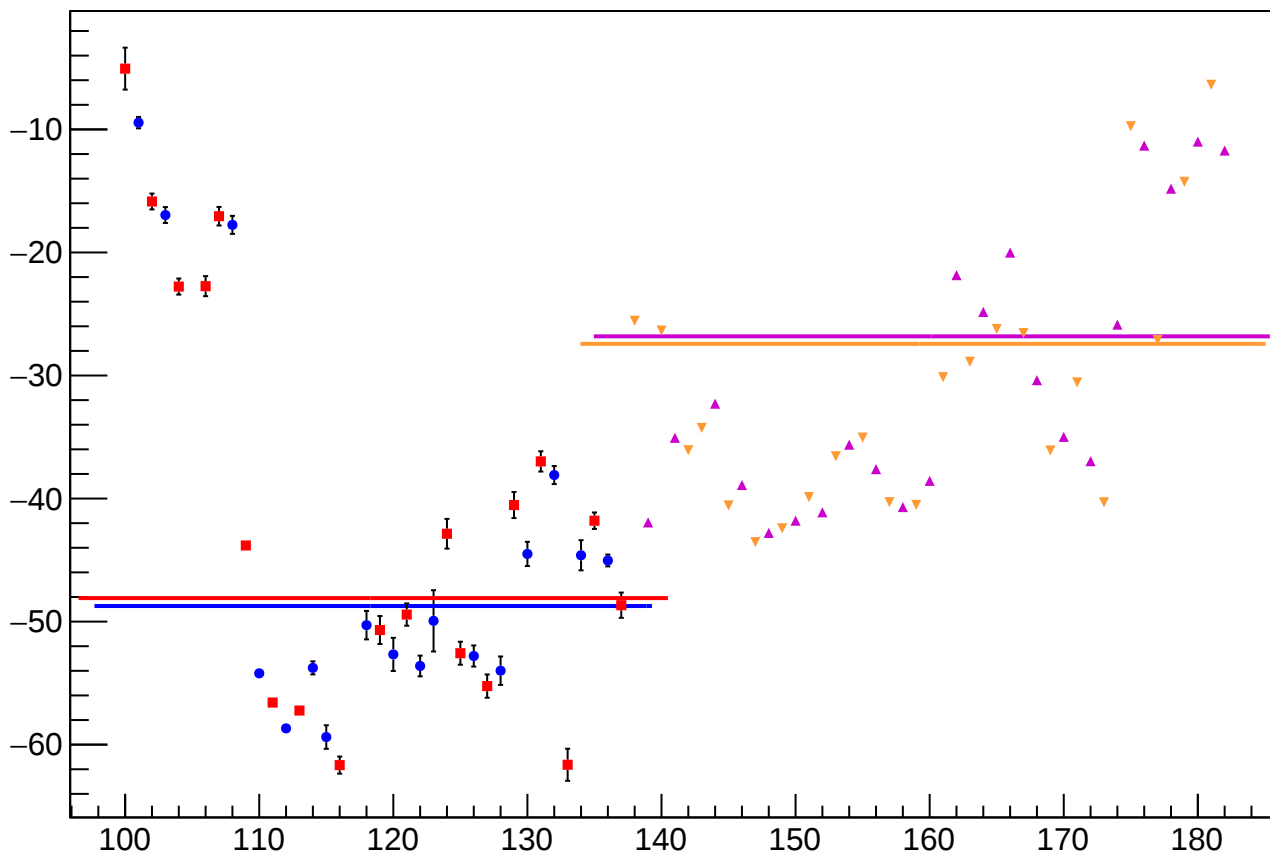
Right: -41.033 ± 0.053 χ^2/NDF : 18273.5/35

In: -36.212 ± 0.038 χ^2/NDF : 42418.8/38

Out: -36.351 ± 0.037 χ^2/NDF : 46069.8/41

All: -36.284 ± 0.027 χ^2/NDF : 88495.3/80

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733+/-0.125 χ^2/NDF : 14659.4/16

Left Out: -27.429+/-0.055 χ^2/NDF : 44384.5/22

Right Out: -48.090+/-0.107 χ^2/NDF : 11731.5/18

Left In: -26.818+/-0.055 χ^2/NDF : 42539.0/21

Left: -27.123+/-0.039 χ^2/NDF : 86984.3/44

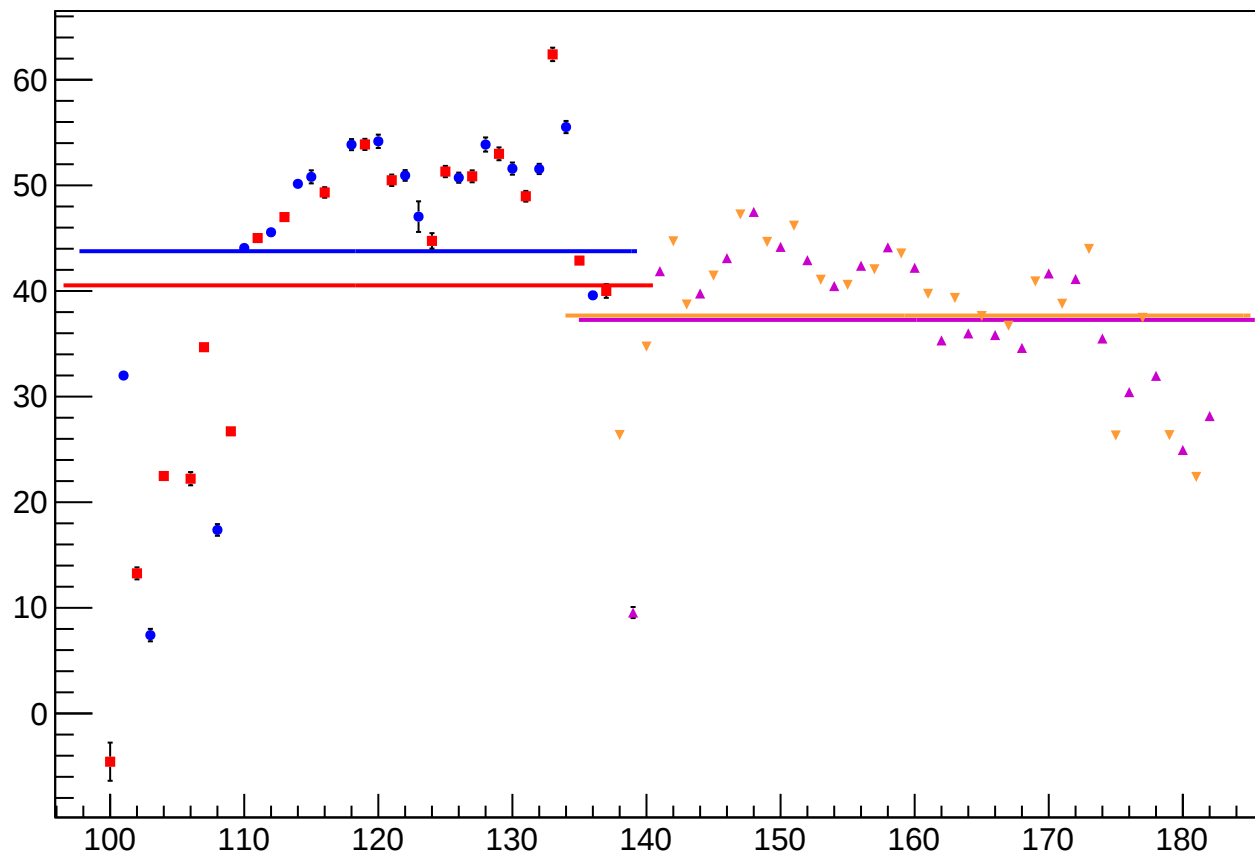
Right: -48.363+/-0.081 χ^2/NDF : 26406.2/35

In: -30.426+/-0.051 χ^2/NDF : 83004.7/38

Out: -31.783+/-0.049 χ^2/NDF : 85420.0/41

All: -31.123+/-0.035 χ^2/NDF : 168794.1/80

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: 37.676 $\pm$ 0.049 χ^2 /NDF:20235.4/22

Right Out: 40.531 $\pm$ 0.080 χ^2 /NDF: 17580.8/18

Left In: 37.261 $\pm$ 0.050 χ^2 /NDF:17212.2/21

Left: 37.472 $\pm$ 0.035 χ^2 /NDF: 37483.3/44

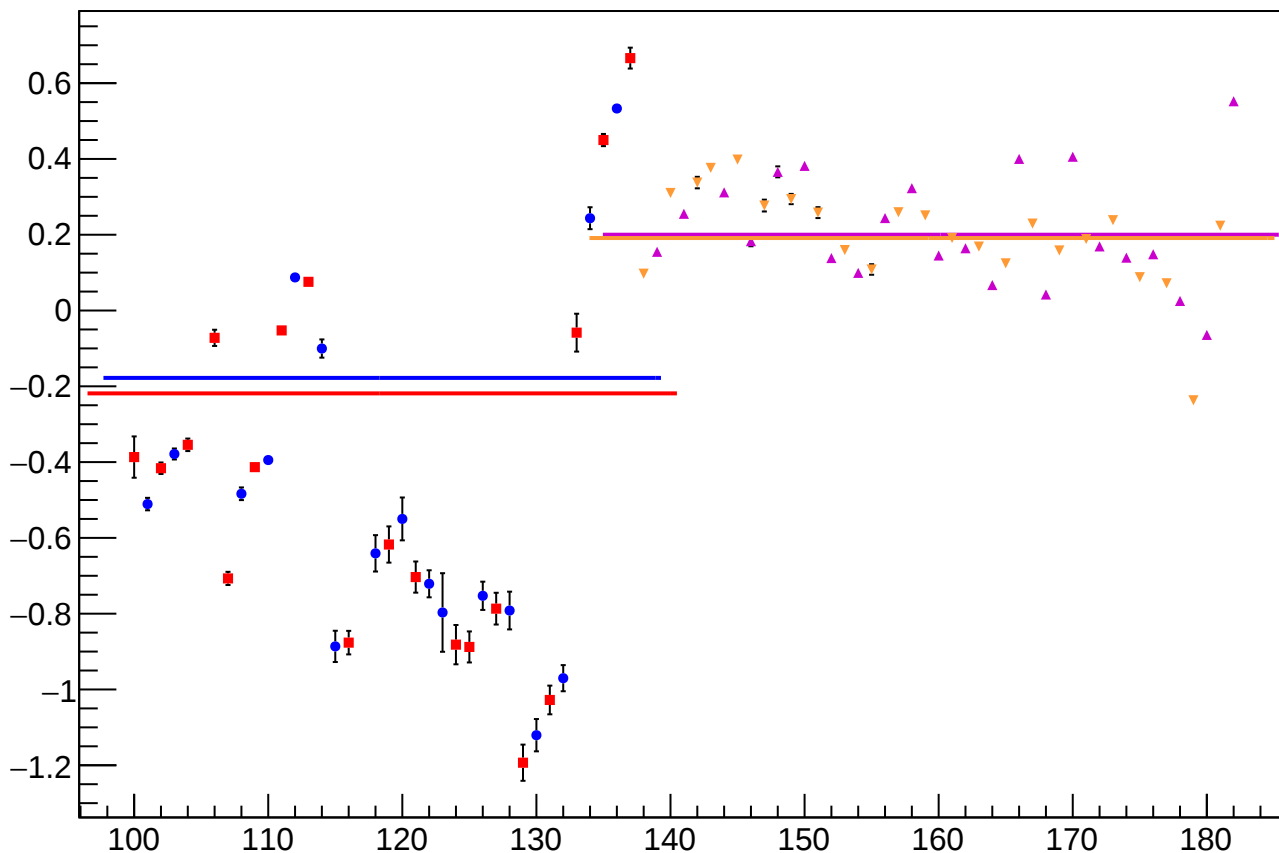
Right: 42.021 $\pm$ 0.059 χ^2 /NDF: 28963.8/35

In: 38.860 $\pm$ 0.043 χ^2 /NDF:32081.4/38

Out: 38.445 $\pm$ 0.042 χ^2 /NDF:38742.9/41

All: 38.646 $\pm$ 0.030 χ^2 /NDF: 70872.4/80

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.191 ± 0.002 χ^2/NDF : 3290.2/22

Right Out: -0.219 ± 0.004 χ^2/NDF : 7465.2/18

Left In: 0.200 ± 0.002 χ^2/NDF : 4417.7/21

Left: 0.196 ± 0.002 χ^2/NDF : 7715.4/44

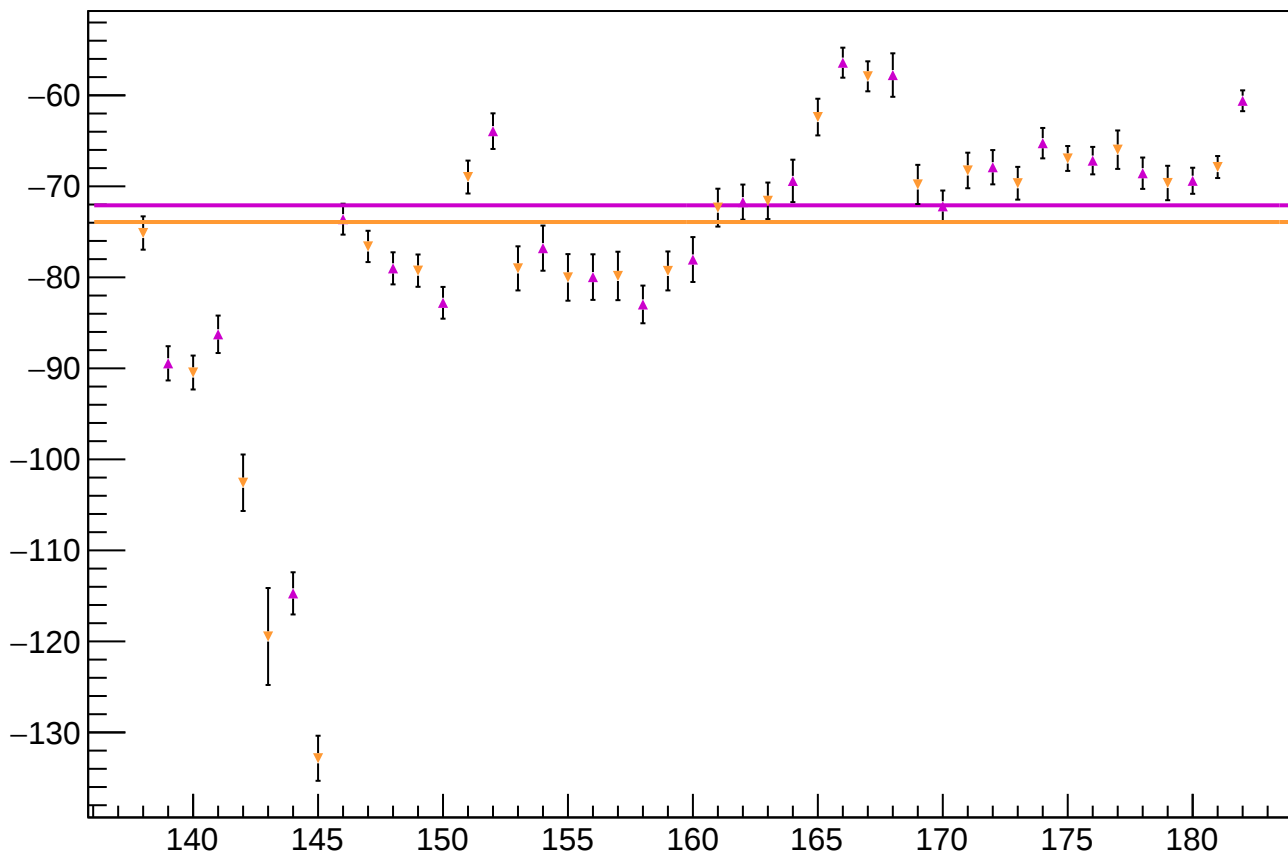
Right: -0.201 ± 0.003 χ^2/NDF : 14869.5/35

In: 0.133 ± 0.002 χ^2/NDF : 16782.4/38

Out: 0.103 ± 0.002 χ^2/NDF : 17880.4/41

All: 0.117 ± 0.001 χ^2/NDF : 34771.6/80

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -72.086+/-0.387 χ^2/NDF :857.5/21

Left: -72.965+/-0.279 χ^2/NDF : 1929.6/44

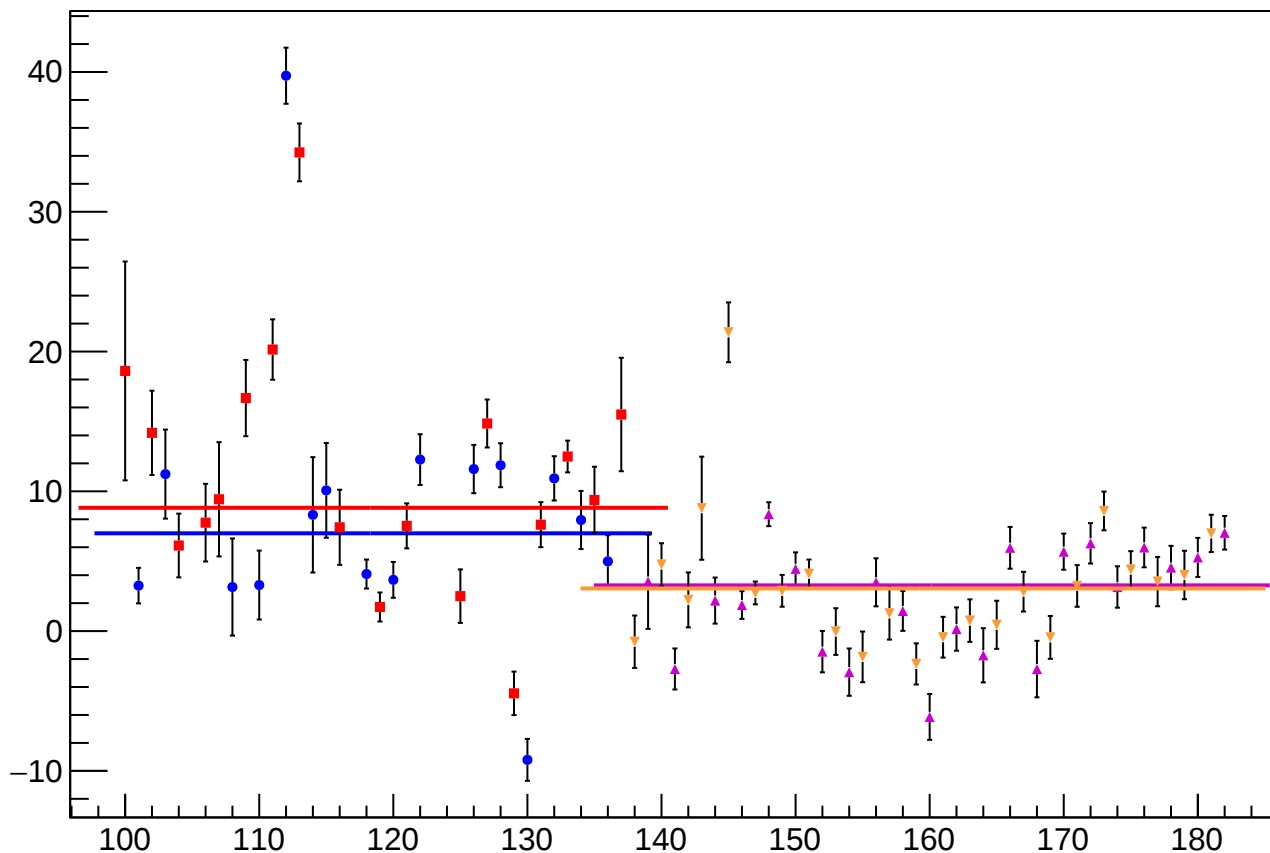
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -72.086+/-0.387 χ^2/NDF :857.5/21

Out: -73.920+/-0.404 χ^2/NDF :1061.3/22

All: -72.965+/-0.279 χ^2/NDF : 1929.6/44

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 ± 0.434 $\chi^2/\text{NDF}: 445.3/15$

Left Out: 3.050 ± 0.304 $\chi^2/\text{NDF}: 149.4/22$

Right Out: 8.822 ± 0.449 $\chi^2/\text{NDF}: 350.4/17$

Left In: 3.271 ± 0.301 $\chi^2/\text{NDF}: 160.5/21$

Left: 3.162 ± 0.214 $\chi^2/\text{NDF}: 310.1/44$

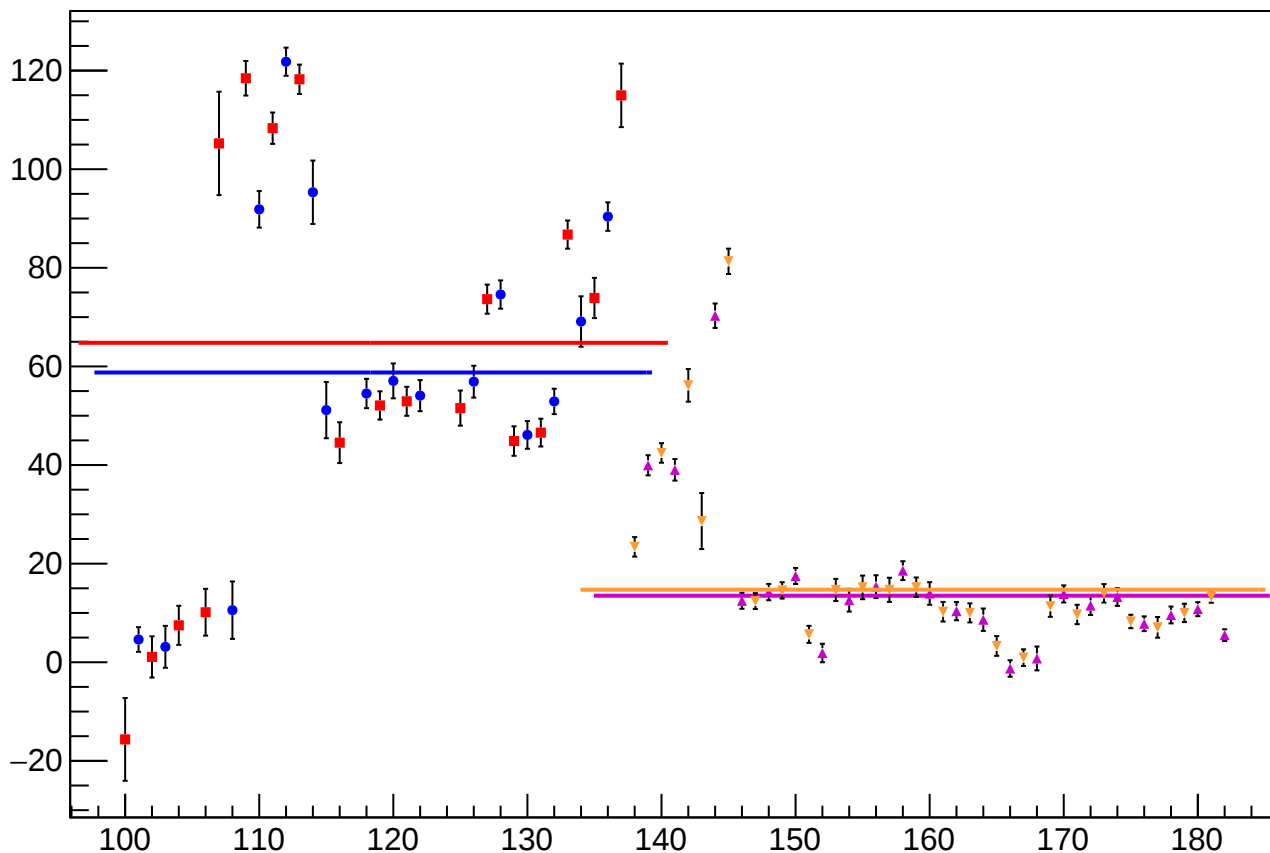
Right: 7.879 ± 0.312 $\chi^2/\text{NDF}: 804.3/33$

In: 4.479 ± 0.247 $\chi^2/\text{NDF}: 655.5/37$

Out: 4.863 ± 0.251 $\chi^2/\text{NDF}: 613.3/40$

All: 4.668 ± 0.176 $\chi^2/\text{NDF}: 1270.0/78$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2/NDF : 1493.3/15

Left Out: 14.717 $\pm$ 0.401 χ^2/NDF :1240.6/22

Right Out: 64.792 $\pm$ 0.840 χ^2/NDF : 1718.1/17

Left In: 13.500 $\pm$ 0.385 χ^2/NDF :1064.7/21

Left: 14.084 $\pm$ 0.277 χ^2/NDF : 2310.1/44

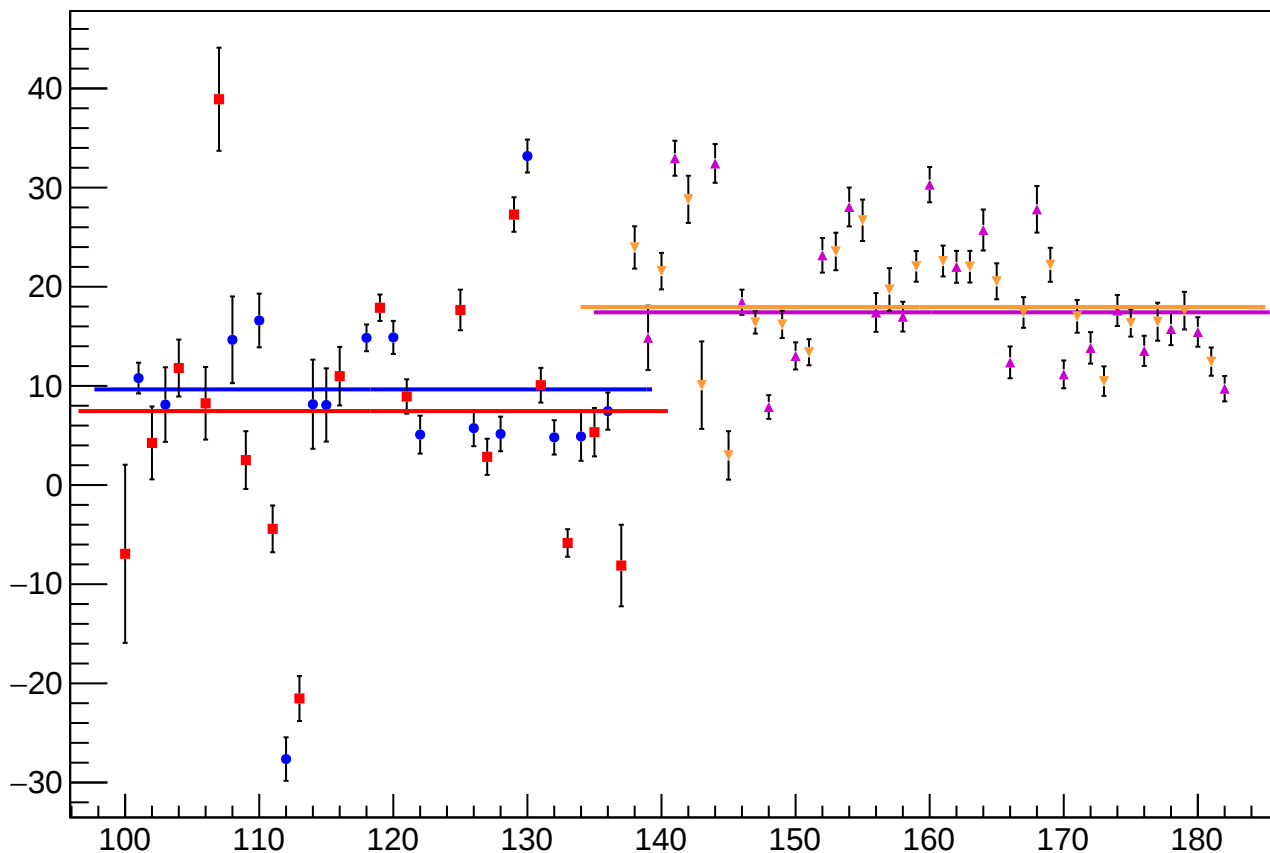
Right: 61.754 $\pm$ 0.592 χ^2/NDF : 3237.3/33

In: 21.455 $\pm$ 0.349 χ^2/NDF :4993.0/37

Out: 23.992 $\pm$ 0.362 χ^2/NDF :5850.8/40

All: 22.679 $\pm$ 0.251 χ^2/NDF : 10869.2/78

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 17.961 $\pm$ 0.349 χ^2 /NDF:188.9/22

Right Out: 7.463 $\pm$ 0.516 χ^2 /NDF: 566.9/17

Left In: 17.420 $\pm$ 0.343 χ^2 /NDF:428.8/21

Left: 17.686 $\pm$ 0.245 χ^2 /NDF: 619.0/44

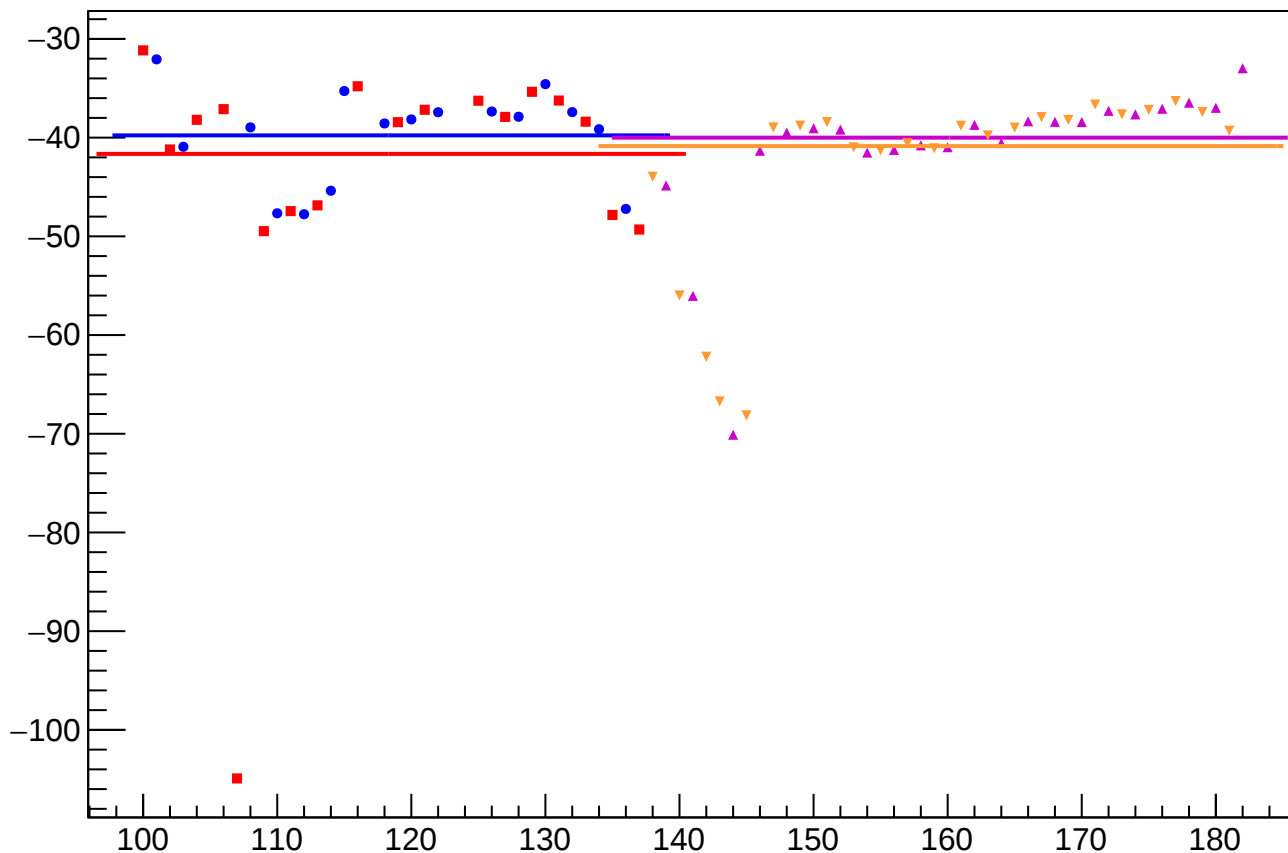
Right: 8.585 $\pm$ 0.360 χ^2 /NDF: 1129.6/33

In: 14.950 $\pm$ 0.283 χ^2 /NDF:1145.8/37

Out: 14.660 $\pm$ 0.289 χ^2 /NDF:1040.0/40

All: 14.808 $\pm$ 0.202 χ^2 /NDF: 2186.3/78

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -40.857+/-0.016 χ^2/NDF :163669.6/22

Right Out: -41.647+/-0.031 χ^2/NDF : 94514.5/17

Left In: -40.002+/-0.016 χ^2/NDF :140531.8/21

Left: -40.412+/-0.011 χ^2/NDF : 305604.1/44

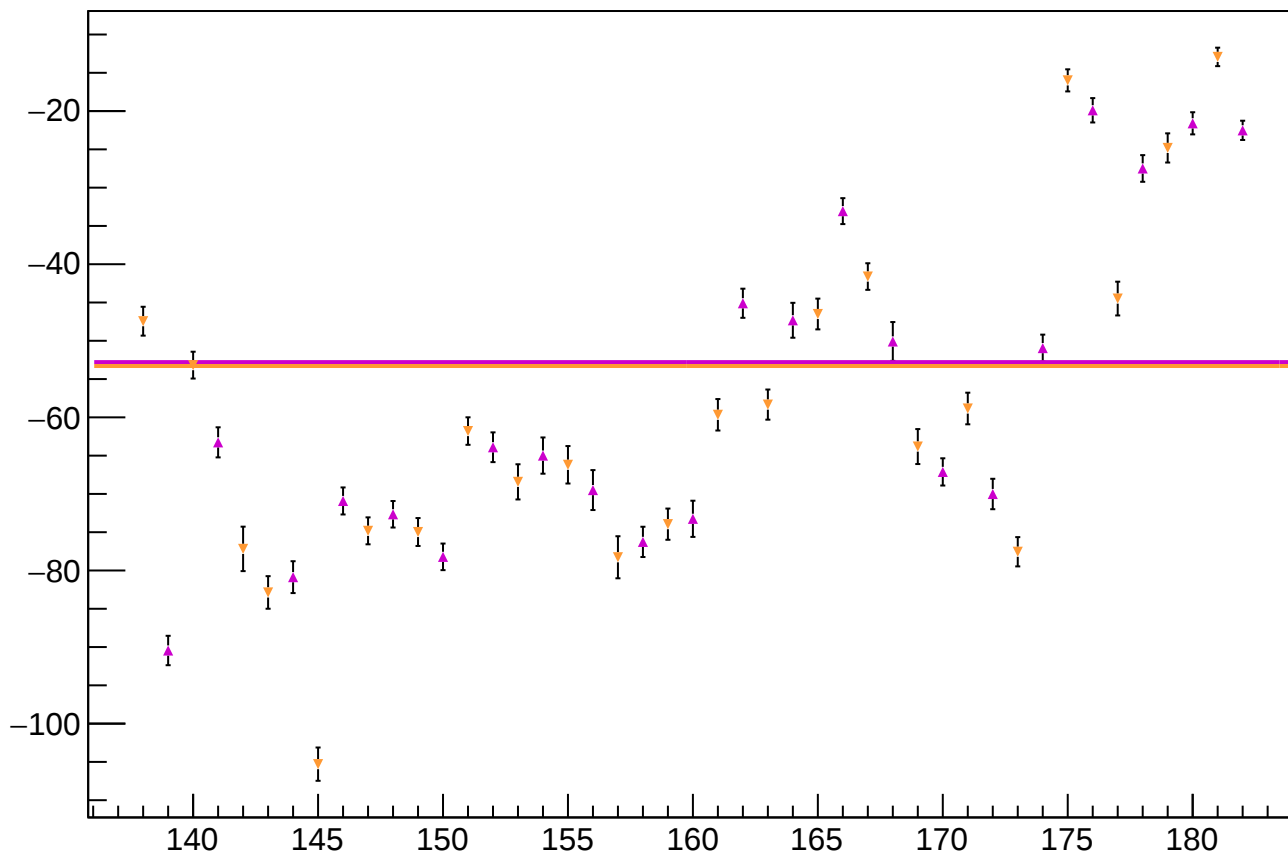
Right: -40.706+/-0.022 χ^2/NDF : 122504.5/33

In: -39.955+/-0.014 χ^2/NDF :166752.2/37

Out: -41.029+/-0.015 χ^2/NDF :258686.5/40

All: -40.474+/-0.010 χ^2/NDF : 428249.4/78

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -52.785+/-0.393 χ^2/NDF :3347.4/21

Left: -53.035+/-0.280 χ^2/NDF : 7050.7/44

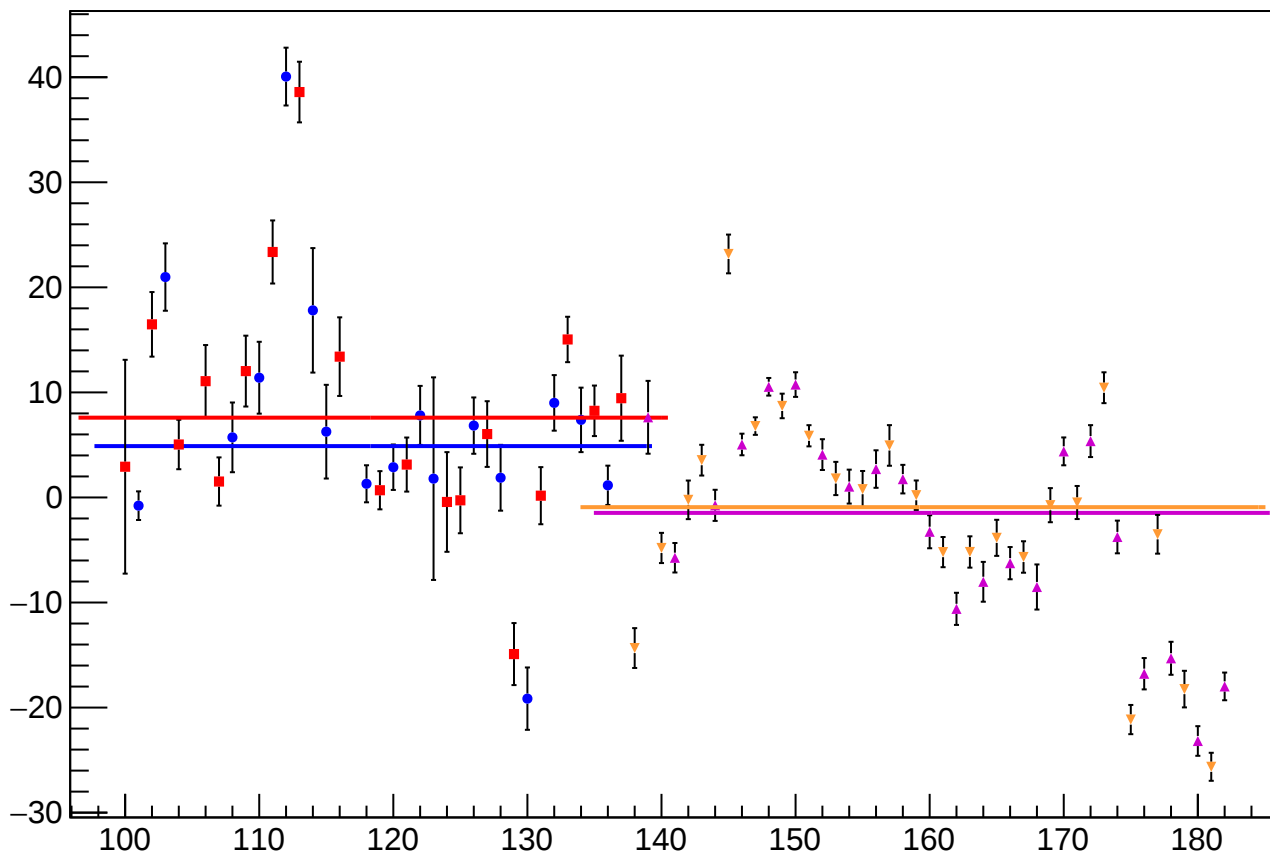
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.785+/-0.393 χ^2/NDF :3347.4/21

Out: -53.294+/-0.400 χ^2/NDF :3702.5/22

All: -53.035+/-0.280 χ^2/NDF : 7050.7/44

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: -0.924 ± 0.299 $\chi^2/\text{NDF}: 1196.2/22$

Right Out: 7.596 ± 0.651 $\chi^2/\text{NDF}: 269.4/18$

Left In: -1.469 ± 0.302 $\chi^2/\text{NDF}: 1085.8/21$

Left: -1.194 ± 0.213 $\chi^2/\text{NDF}: 2283.6/44$

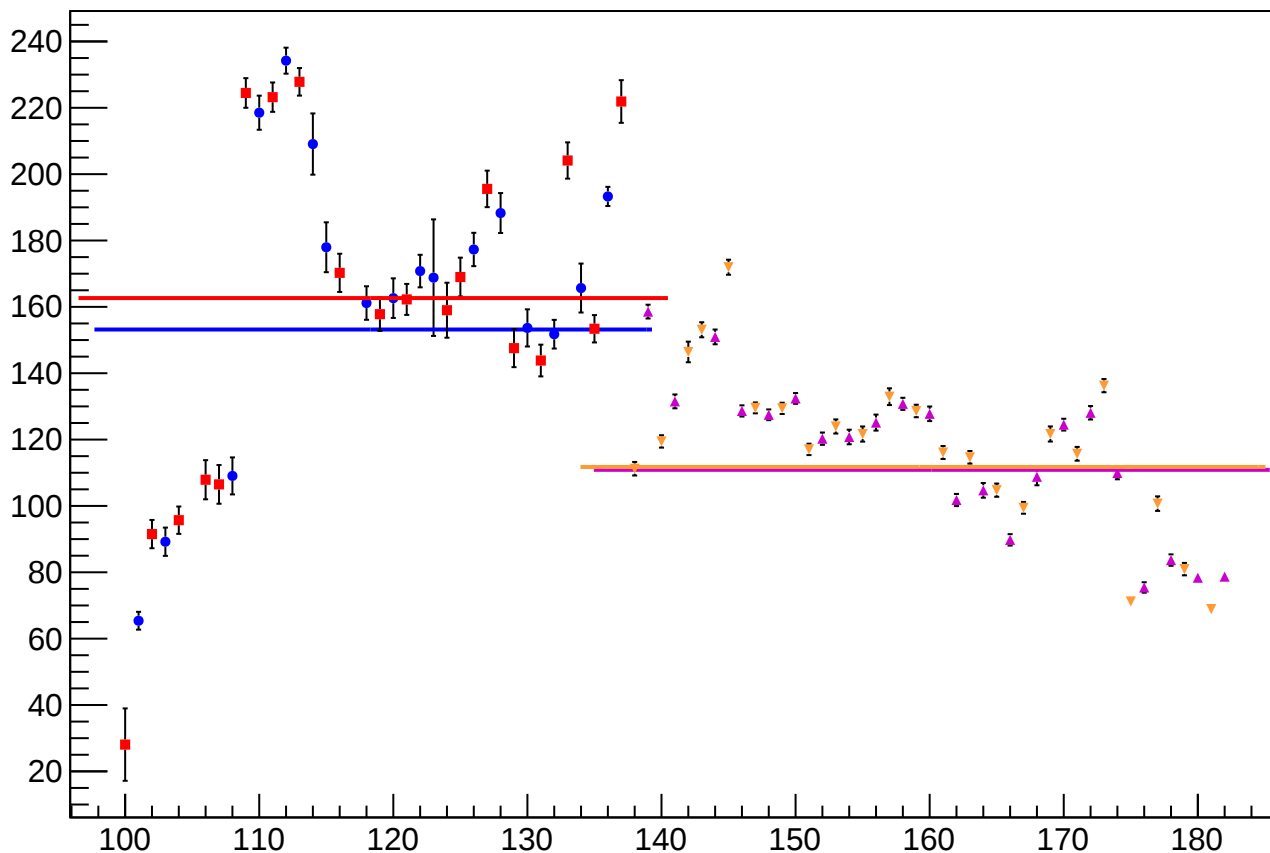
Right: 6.180 ± 0.450 $\chi^2/\text{NDF}: 573.2/35$

In: -0.255 ± 0.272 $\chi^2/\text{NDF}: 1465.0/38$

Out: 0.564 ± 0.272 $\chi^2/\text{NDF}: 1607.0/41$

All: 0.155 ± 0.192 $\chi^2/\text{NDF}: 3076.5/80$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174 $\pm$ 1.146 χ^2 /NDF: 2264.3/16

Left Out: 111.741 $\pm$ 0.398 χ^2 /NDF: 4108.3/22

Right Out: 162.650 $\pm$ 1.176 χ^2 /NDF: 1708.7/18

Left In: 110.880 $\pm$ 0.390 χ^2 /NDF: 3785.6/21

Left: 111.302 $\pm$ 0.279 χ^2 /NDF: 7896.3/44

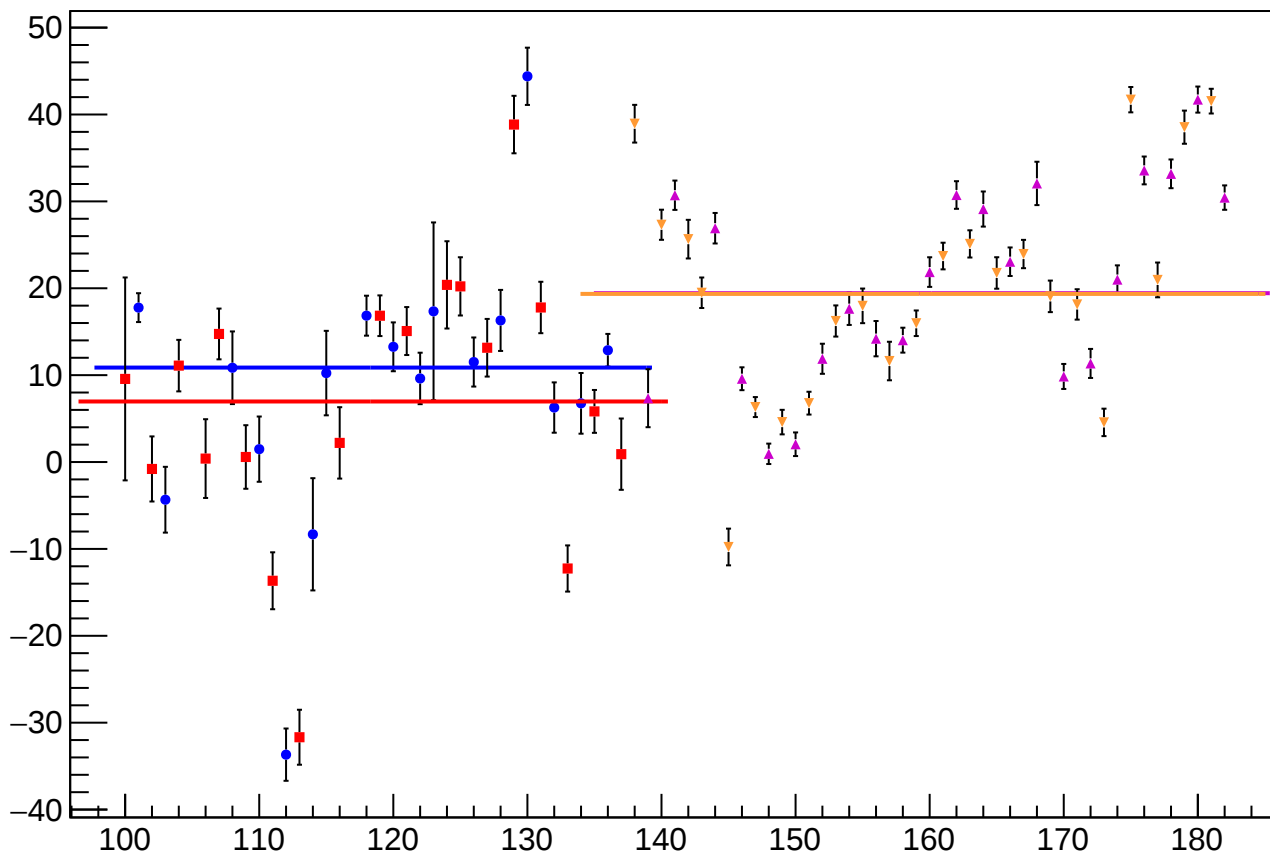
Right: 157.790 $\pm$ 0.821 χ^2 /NDF: 4006.2/35

In: 115.266 $\pm$ 0.369 χ^2 /NDF: 7269.8/38

Out: 116.972 $\pm$ 0.377 χ^2 /NDF: 7497.6/41

All: 116.101 $\pm$ 0.264 χ^2 /NDF: 14777.9/80

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: 19.352 $\pm$ 0.345 χ^2 /NDF:1350.5/22

Right Out: 6.969 $\pm$ 0.748 χ^2 /NDF: 422.3/18

Left In: 19.434 $\pm$ 0.345 χ^2 /NDF:1187.6/21

Left: 19.393 $\pm$ 0.244 χ^2 /NDF: 2538.1/44

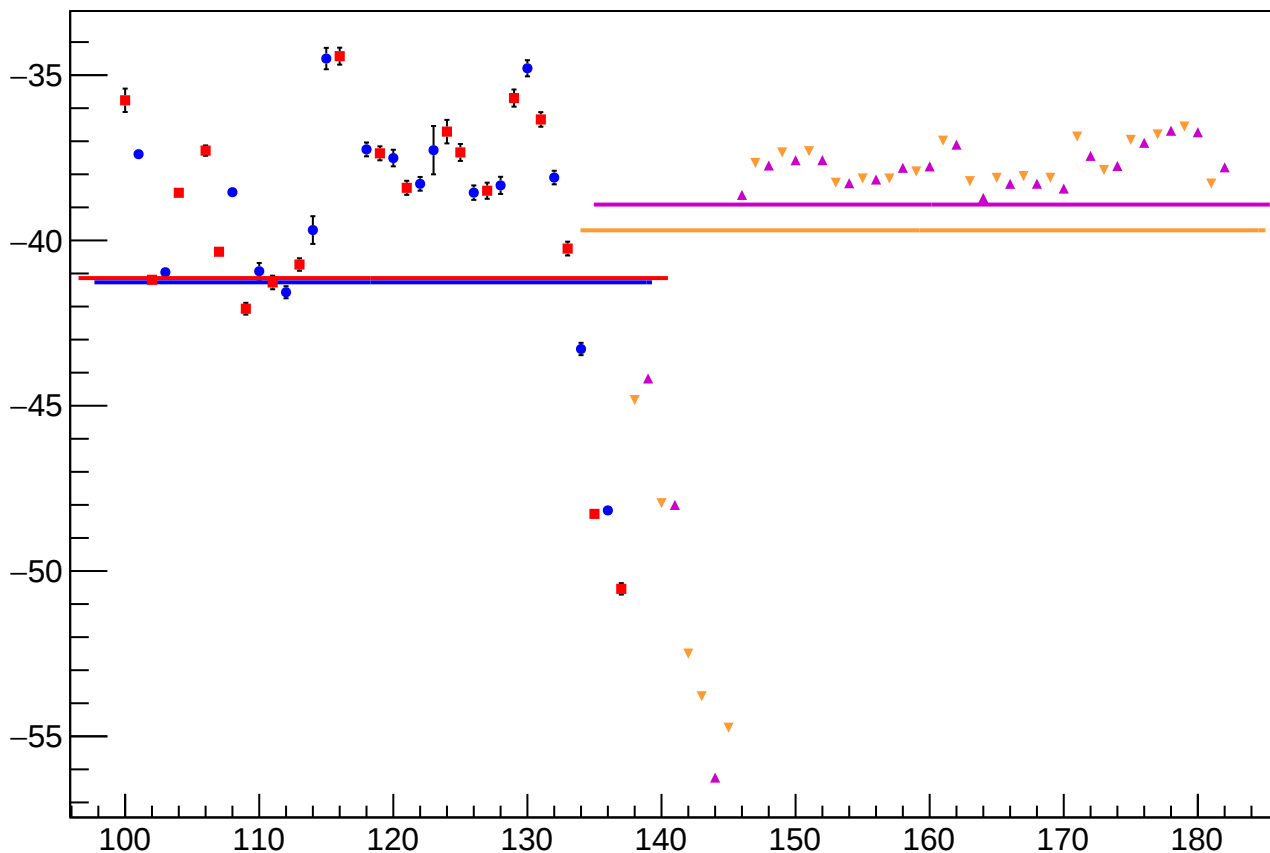
Right: 9.009 $\pm$ 0.517 χ^2 /NDF: 823.3/35

In: 17.814 $\pm$ 0.311 χ^2 /NDF:1690.7/38

Out: 17.177 $\pm$ 0.313 χ^2 /NDF:1999.0/41

All: 17.498 $\pm$ 0.221 χ^2 /NDF: 3691.8/80

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2 /NDF: 12581.8/16

Left Out: -39.694 $\pm$ 0.016 χ^2 /NDF: 90821.8/22

Right Out: -41.139 $\pm$ 0.039 χ^2 /NDF: 12242.4/18

Left In: -38.915 $\pm$ 0.016 χ^2 /NDF: 54263.6/21

Left: -39.296 $\pm$ 0.011 χ^2 /NDF: 146244.9/44

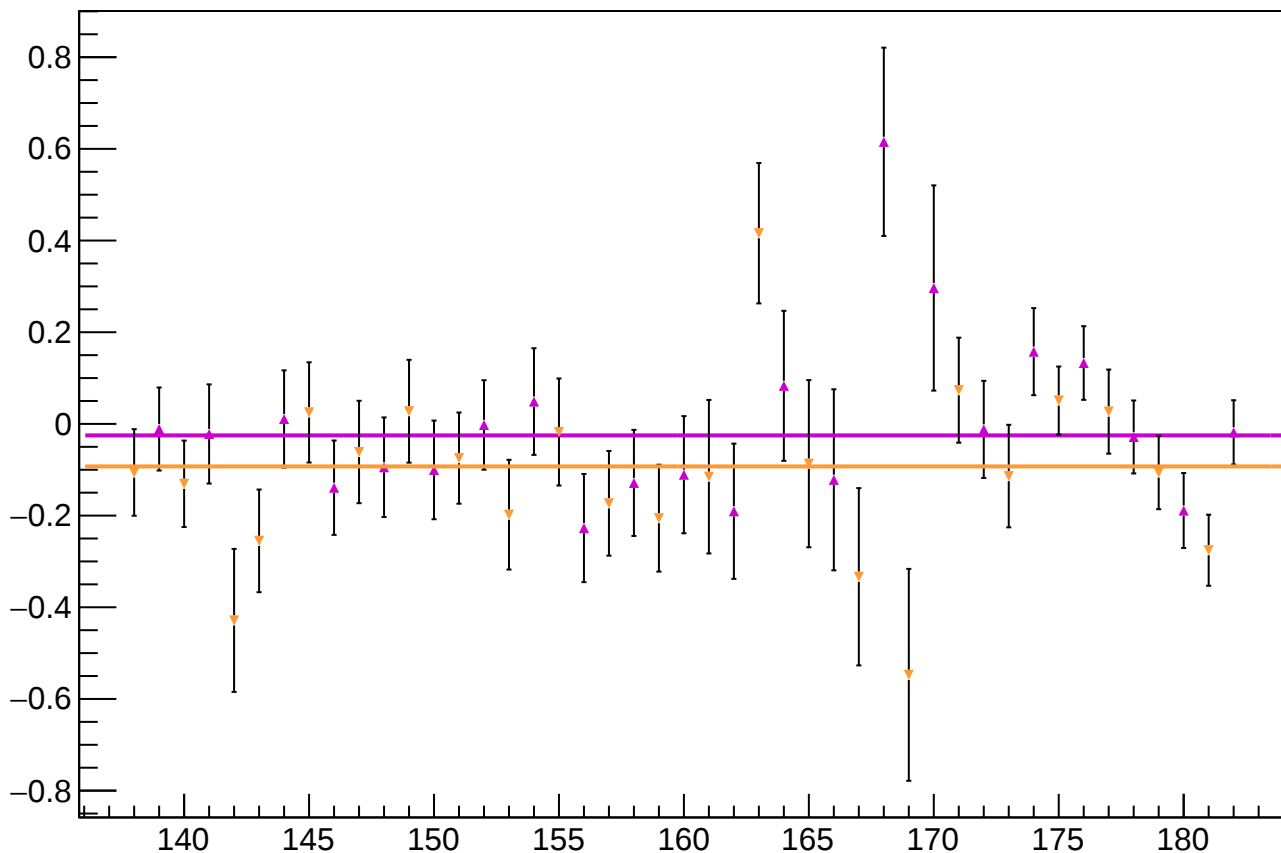
Right: -41.203 $\pm$ 0.027 χ^2 /NDF: 24829.7/35

In: -39.261 $\pm$ 0.015 χ^2 /NDF: 70024.5/38

Out: -39.913 $\pm$ 0.015 χ^2 /NDF: 104252.8/41

All: -39.581 $\pm$ 0.011 χ^2 /NDF: 175234.0/80

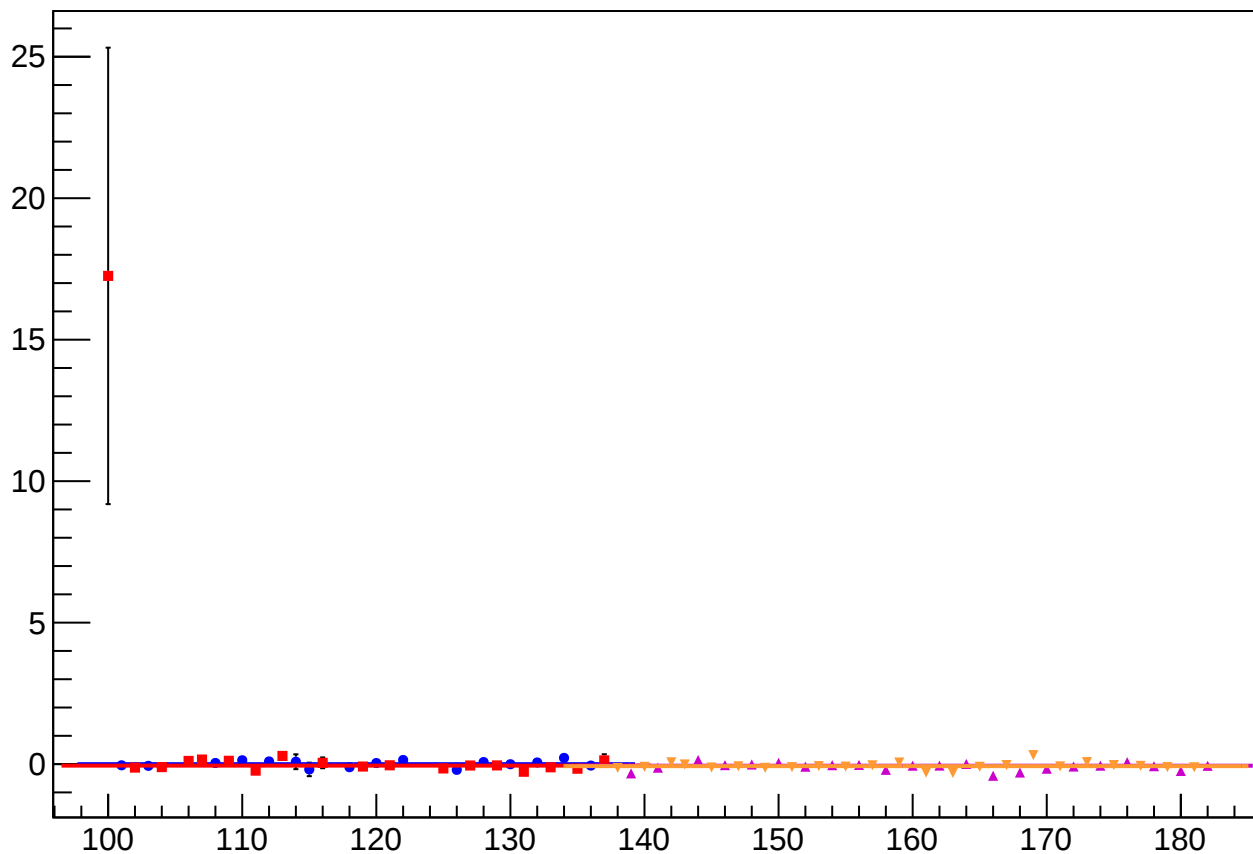
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21

Left: -0.058 $\pm$ 0.016 χ^2 /NDF: 78.3/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.025 $\pm$ 0.023 χ^2 /NDF:32.2/21
 Out: -0.093 $\pm$ 0.023 χ^2 /NDF:41.6/22
 All: -0.058 $\pm$ 0.016 χ^2 /NDF: 78.3/44

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.072 ± 0.017 χ^2/NDF : 24.0/22

Right Out: -0.053 ± 0.029 χ^2/NDF : 25.5/17

Left In: -0.057 ± 0.018 χ^2/NDF : 31.7/21

Left: -0.064 ± 0.012 χ^2/NDF : 56.1/44

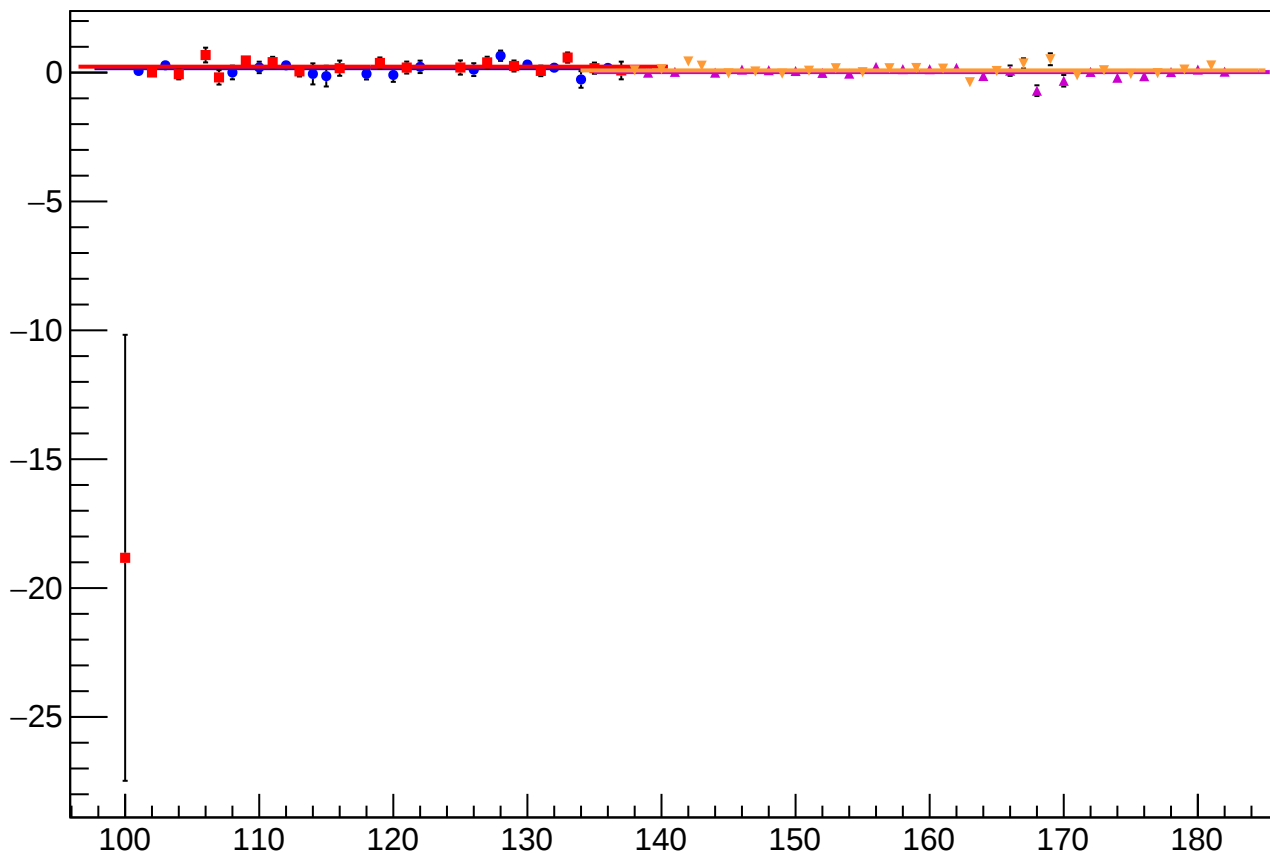
Right: -0.027 ± 0.020 χ^2/NDF : 39.2/33

In: -0.041 ± 0.015 χ^2/NDF : 46.5/37

Out: -0.067 ± 0.015 χ^2/NDF : 49.9/40

All: -0.054 ± 0.011 χ^2/NDF : 97.9/78

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.052 χ^2 /NDF: 13.0/15

Left Out: 0.084 $\pm$ 0.023 χ^2 /NDF:40.5/22

Right Out: 0.229 $\pm$ 0.054 χ^2 /NDF: 21.7/17

Left In: 0.018 $\pm$ 0.022 χ^2 /NDF:34.2/21

Left: 0.051 $\pm$ 0.016 χ^2 /NDF: 79.0/44

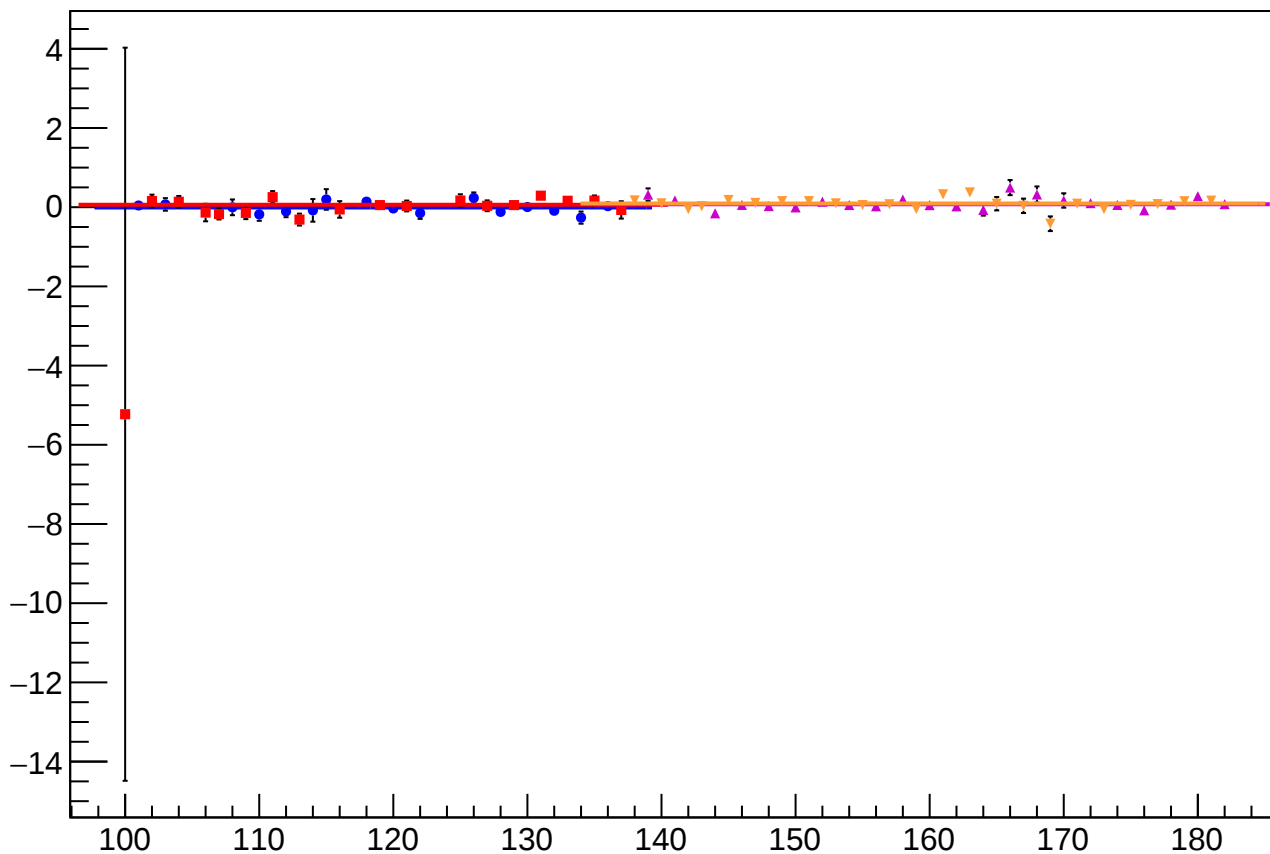
Right: 0.199 $\pm$ 0.038 χ^2 /NDF: 35.3/33

In: 0.041 $\pm$ 0.021 χ^2 /NDF:54.3/37

Out: 0.106 $\pm$ 0.021 χ^2 /NDF:68.3/40

All: 0.073 $\pm$ 0.015 χ^2 /NDF: 127.5/78

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.094 ± 0.020 $\chi^2/\text{NDF}: 27.2/22$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.3/17$

Left In: 0.074 ± 0.020 $\chi^2/\text{NDF}: 31.4/21$

Left: 0.084 ± 0.014 $\chi^2/\text{NDF}: 59.1/44$

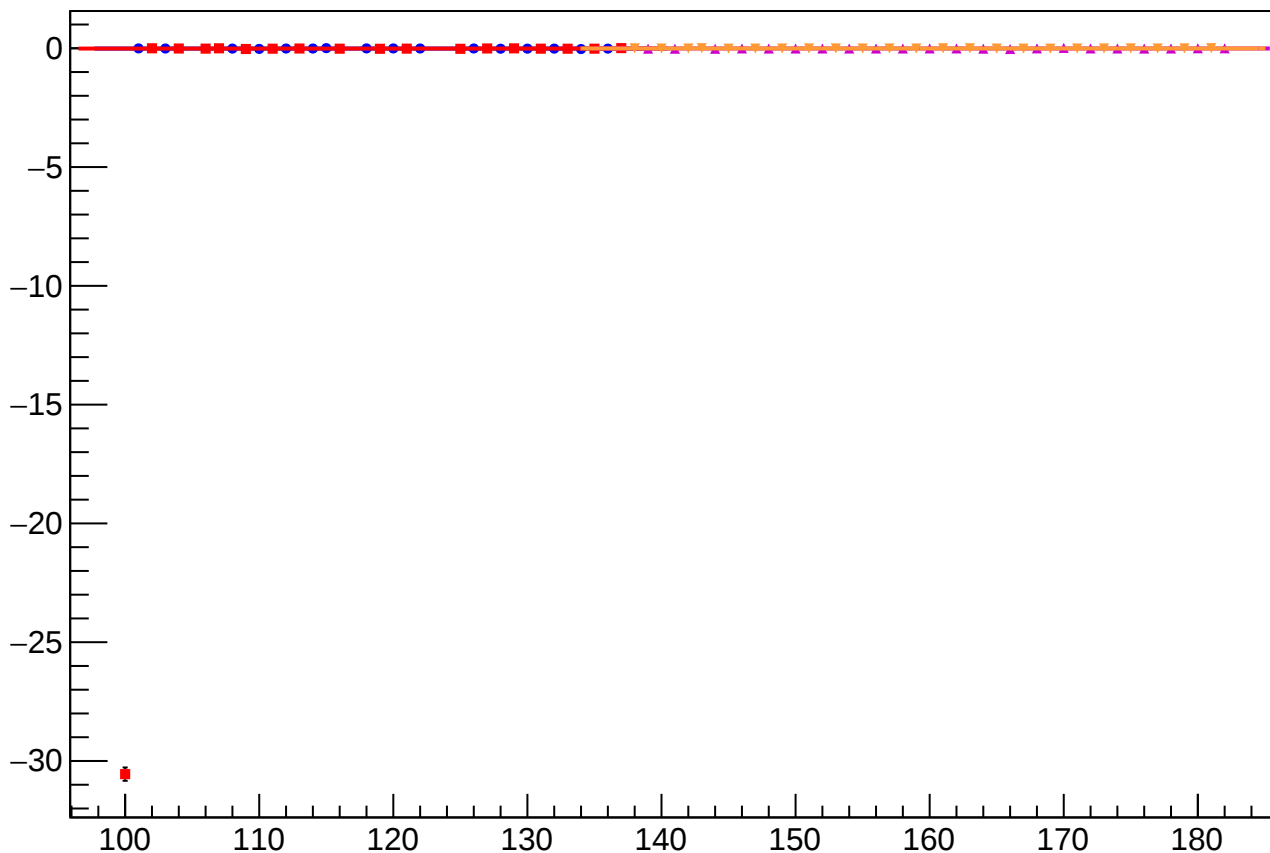
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.6/33$

In: 0.052 ± 0.017 $\chi^2/\text{NDF}: 49.1/37$

Out: 0.086 ± 0.017 $\chi^2/\text{NDF}: 48.2/40$

All: 0.068 ± 0.012 $\chi^2/\text{NDF}: 99.2/78$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 $\pm$ 0.002 χ^2 /NDF: 12.8/15

Left Out: -0.007 $\pm$ 0.001 χ^2 /NDF:29.3/22

Right Out: -0.012 $\pm$ 0.002 χ^2 /NDF: 11890.6/17

Left In: -0.009 $\pm$ 0.001 χ^2 /NDF:42.0/21

Left: -0.008 $\pm$ 0.001 χ^2 /NDF: 73.2/44

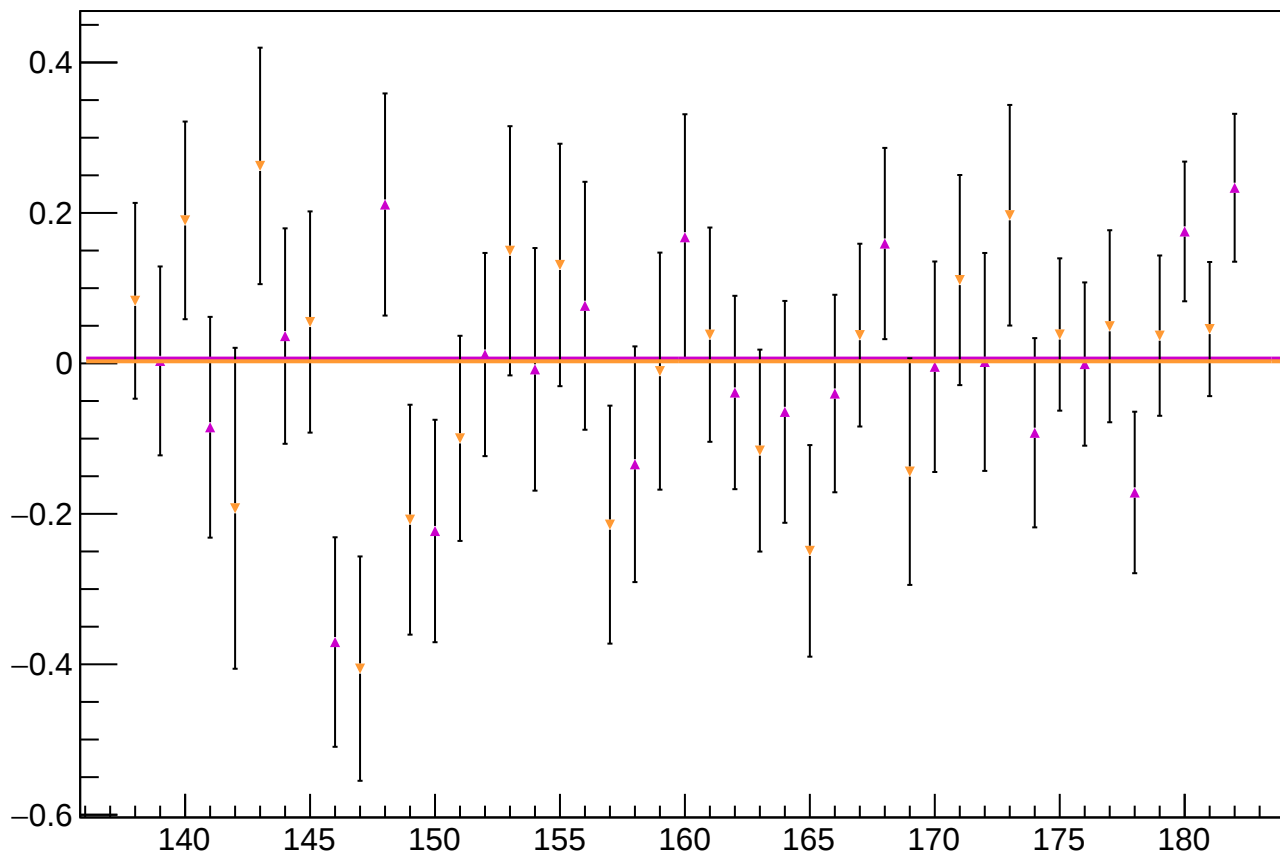
Right: -0.012 $\pm$ 0.001 χ^2 /NDF: 11903.4/33

In: -0.009 $\pm$ 0.001 χ^2 /NDF:57.1/37

Out: -0.008 $\pm$ 0.001 χ^2 /NDF:11925.8/40

All: -0.009 $\pm$ 0.001 χ^2 /NDF: 11984.2/78

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Left: 0.005 $\pm$ 0.020 χ^2 /NDF: 55.4/44

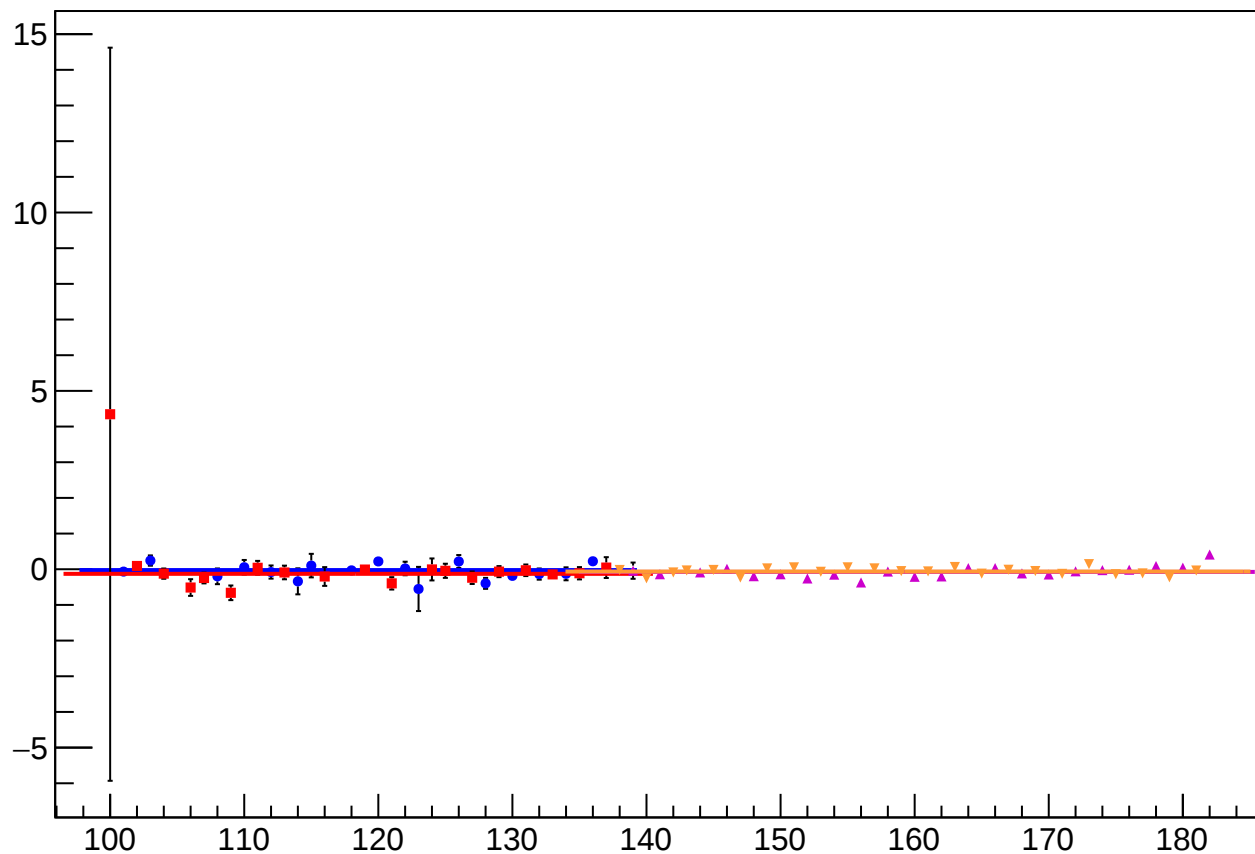
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.028 χ^2 /NDF:28.0/21

Out: 0.003 $\pm$ 0.028 χ^2 /NDF:27.4/22

All: 0.005 $\pm$ 0.020 χ^2 /NDF: 55.4/44

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.064 ± 0.022 χ^2/NDF : 23.3/22

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.8/18

Left In: -0.075 ± 0.022 χ^2/NDF : 47.7/21

Left: -0.069 ± 0.015 χ^2/NDF : 71.1/44

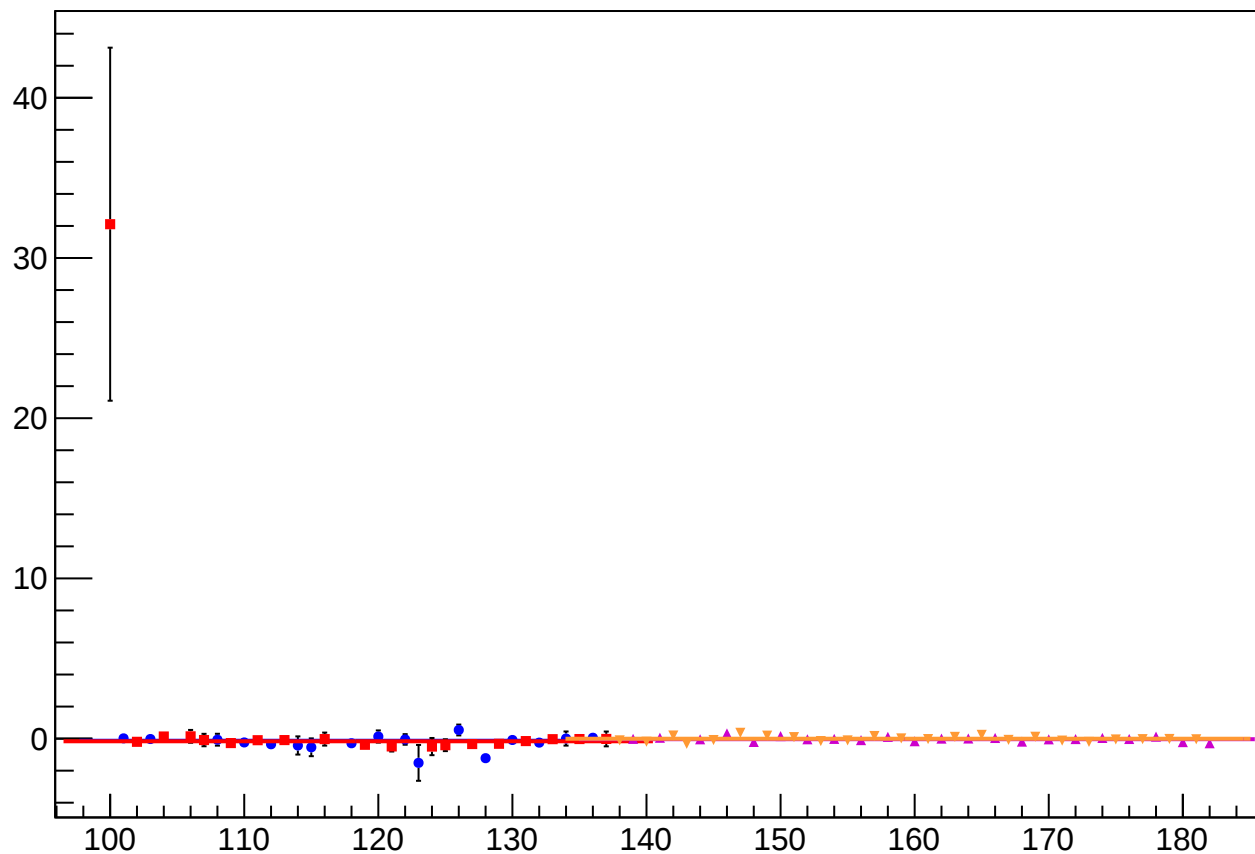
Right: -0.072 ± 0.027 χ^2/NDF : 45.1/35

In: -0.061 ± 0.019 χ^2/NDF : 71.6/38

Out: -0.079 ± 0.019 χ^2/NDF : 44.1/41

All: -0.070 ± 0.013 χ^2/NDF : 116.2/80

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.007 ± 0.028 χ^2/NDF : 26.8/22

Right Out: -0.166 ± 0.071 χ^2/NDF : 14.7/18

Left In: -0.037 ± 0.028 χ^2/NDF : 27.6/21

Left: -0.022 ± 0.020 χ^2/NDF : 54.9/44

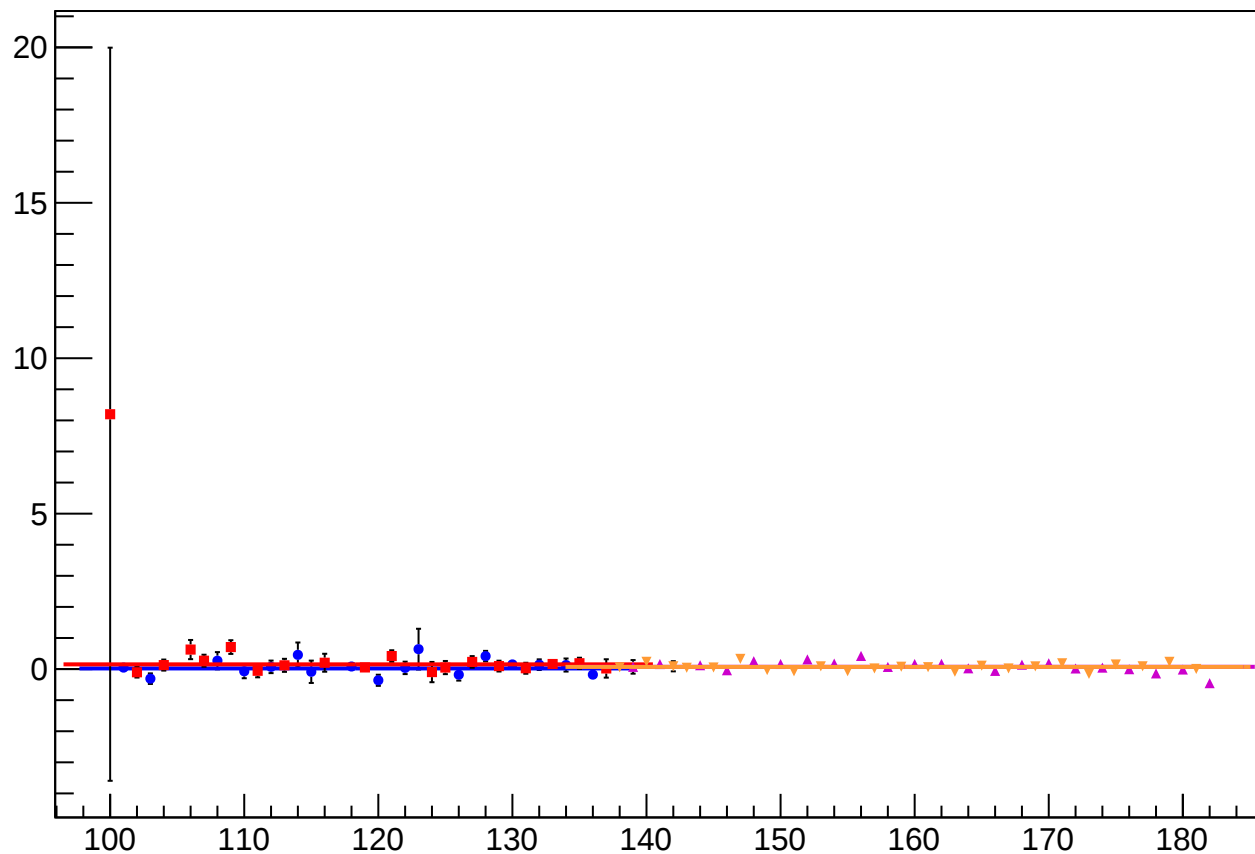
Right: -0.149 ± 0.049 χ^2/NDF : 40.6/35

In: -0.051 ± 0.026 χ^2/NDF : 55.1/38

Out: -0.029 ± 0.026 χ^2/NDF : 45.9/41

All: -0.040 ± 0.018 χ^2/NDF : 101.3/80

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020+/-0.042 χ^2/NDF : 21.8/16

Left Out: 0.070+/-0.025 χ^2/NDF :22.8/22

Right Out: 0.152+/-0.045 χ^2/NDF : 17.3/18

Left In: 0.073+/-0.025 χ^2/NDF :50.0/21

Left: 0.071+/-0.018 χ^2/NDF : 72.8/44

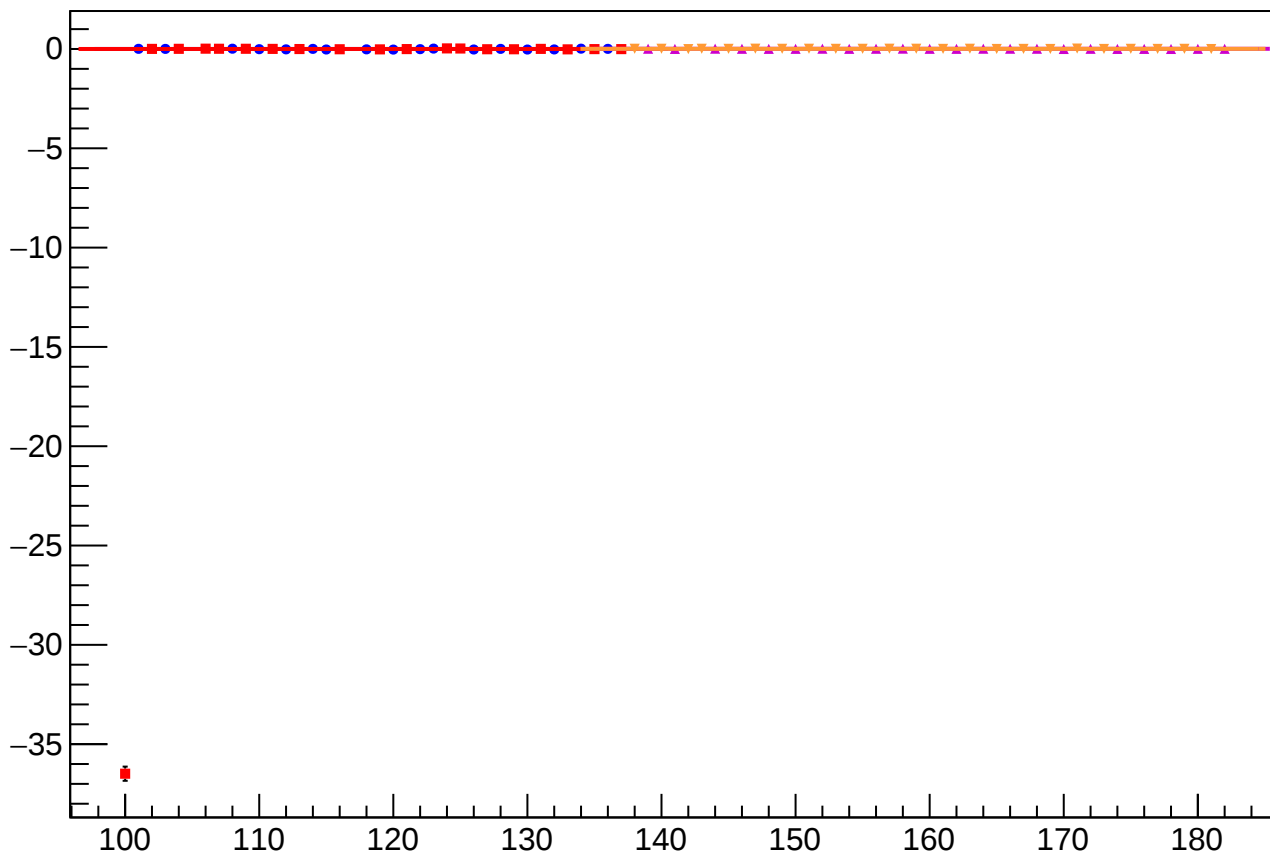
Right: 0.081+/-0.031 χ^2/NDF : 43.6/35

In: 0.059+/-0.021 χ^2/NDF :73.0/38

Out: 0.088+/-0.022 χ^2/NDF :42.6/41

All: 0.074+/-0.015 χ^2/NDF : 116.5/80

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 32.0/16

Left Out: 0.009 $\pm$ 0.001 χ^2 /NDF:24.7/22

Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 10449.2/18

Left In: 0.009 $\pm$ 0.001 χ^2 /NDF:15.2/21

Left: 0.009 $\pm$ 0.001 χ^2 /NDF: 40.1/44

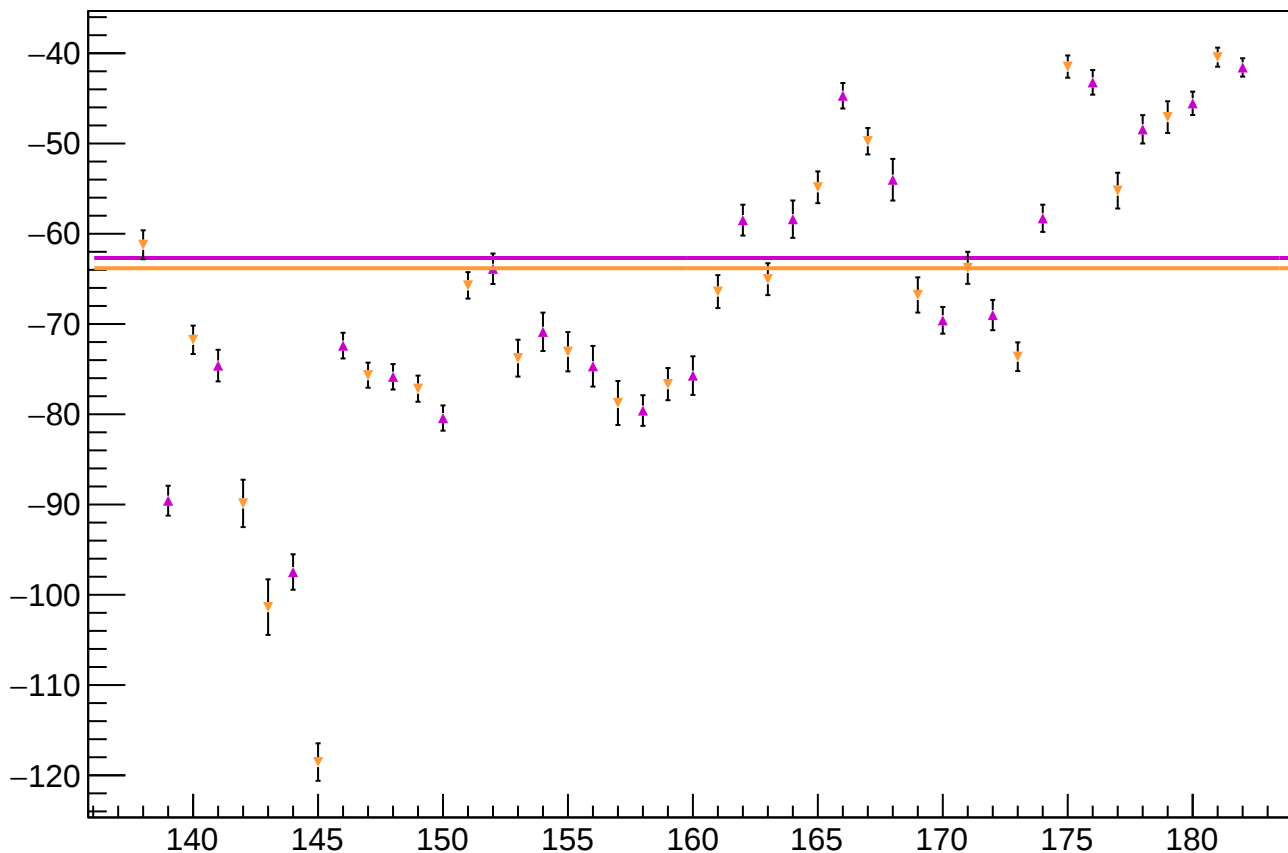
Right: 0.001 $\pm$ 0.002 χ^2 /NDF: 10481.2/35

In: 0.008 $\pm$ 0.001 χ^2 /NDF:58.0/38

Out: 0.007 $\pm$ 0.001 χ^2 /NDF:10483.3/41

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 10541.4/80

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -63.817+/-0.349 χ^2/NDF :2351.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Left: -63.230+/-0.242 χ^2/NDF : 4579.5/44

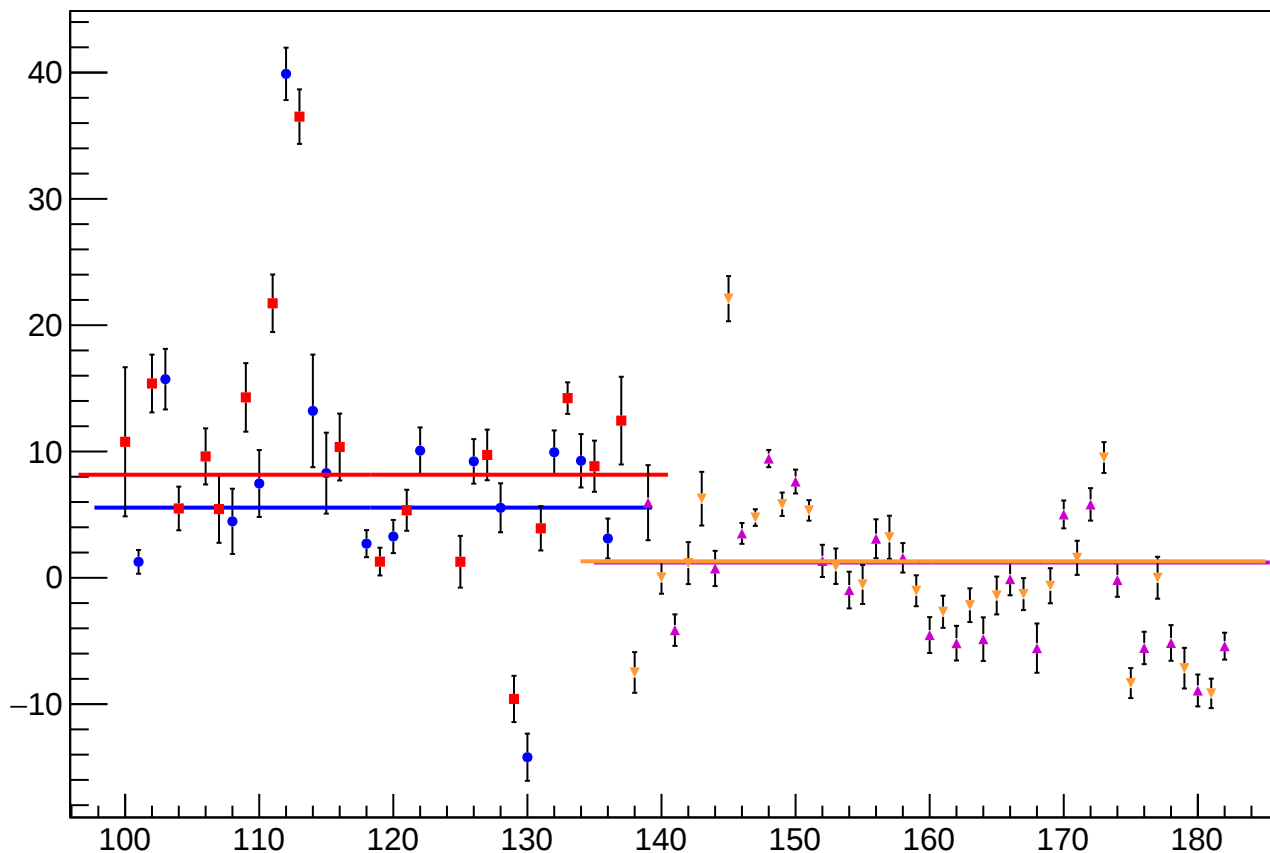
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -62.685+/-0.337 χ^2/NDF :2223.0/21

Out: -63.817+/-0.349 χ^2/NDF :2351.0/22

All: -63.230+/-0.242 χ^2/NDF : 4579.5/44

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: 1.306 ± 0.258 $\chi^2/\text{NDF}: 500.2/22$

Right Out: 8.162 ± 0.453 $\chi^2/\text{NDF}: 407.0/17$

Left In: 1.212 ± 0.257 $\chi^2/\text{NDF}: 465.0/21$

Left: 1.259 ± 0.182 $\chi^2/\text{NDF}: 965.2/44$

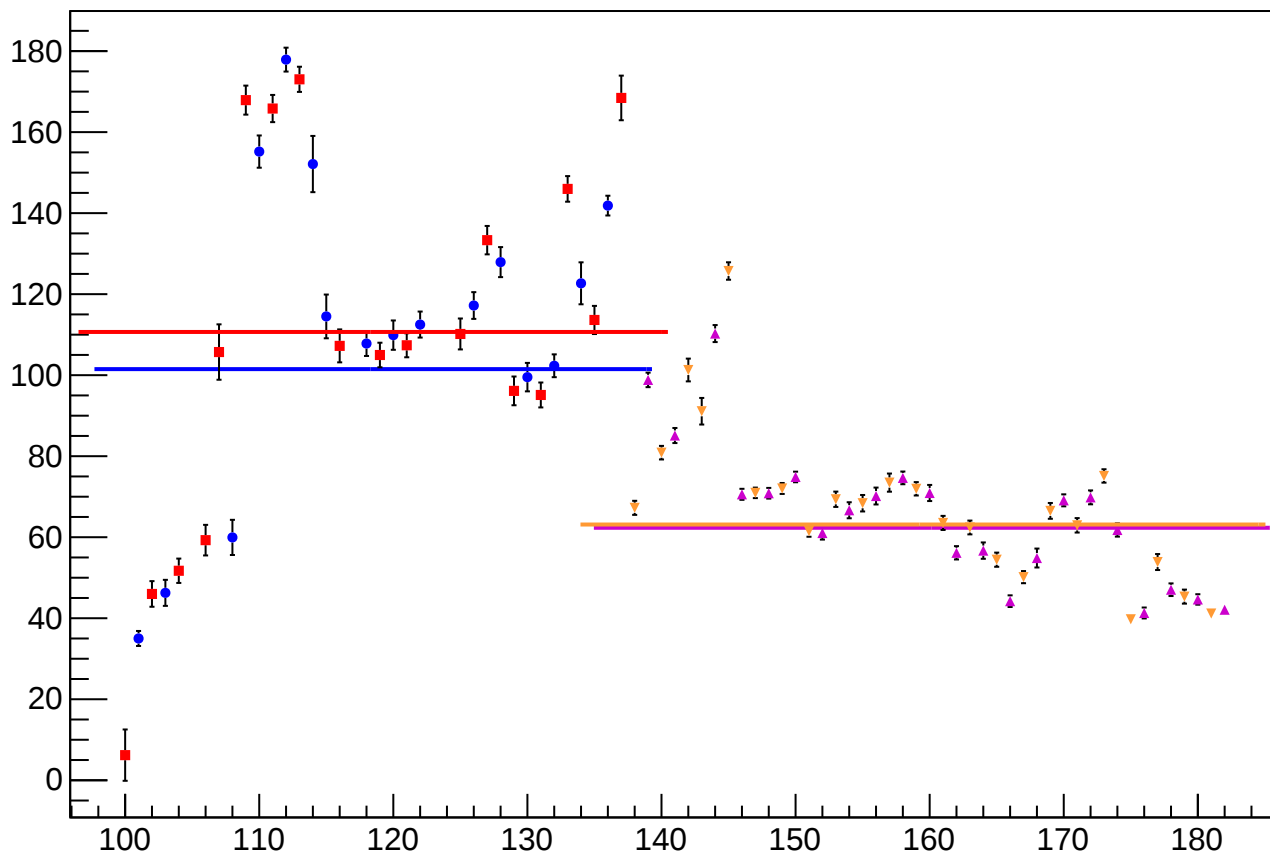
Right: 6.774 ± 0.310 $\chi^2/\text{NDF}: 886.6/33$

In: 2.381 ± 0.220 $\chi^2/\text{NDF}: 1003.7/37$

Out: 2.987 ± 0.224 $\chi^2/\text{NDF}: 1080.0/40$

All: 2.679 ± 0.157 $\chi^2/\text{NDF}: 2087.4/78$

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2/NDF : 2973.0/15

Left Out: 63.133 $\pm$ 0.346 χ^2/NDF :2412.3/22

Right Out: 110.670 $\pm$ 0.836 χ^2/NDF : 2513.7/17

Left In: 62.332 $\pm$ 0.334 χ^2/NDF :2483.1/21

Left: 62.718 $\pm$ 0.240 χ^2/NDF : 4898.2/44

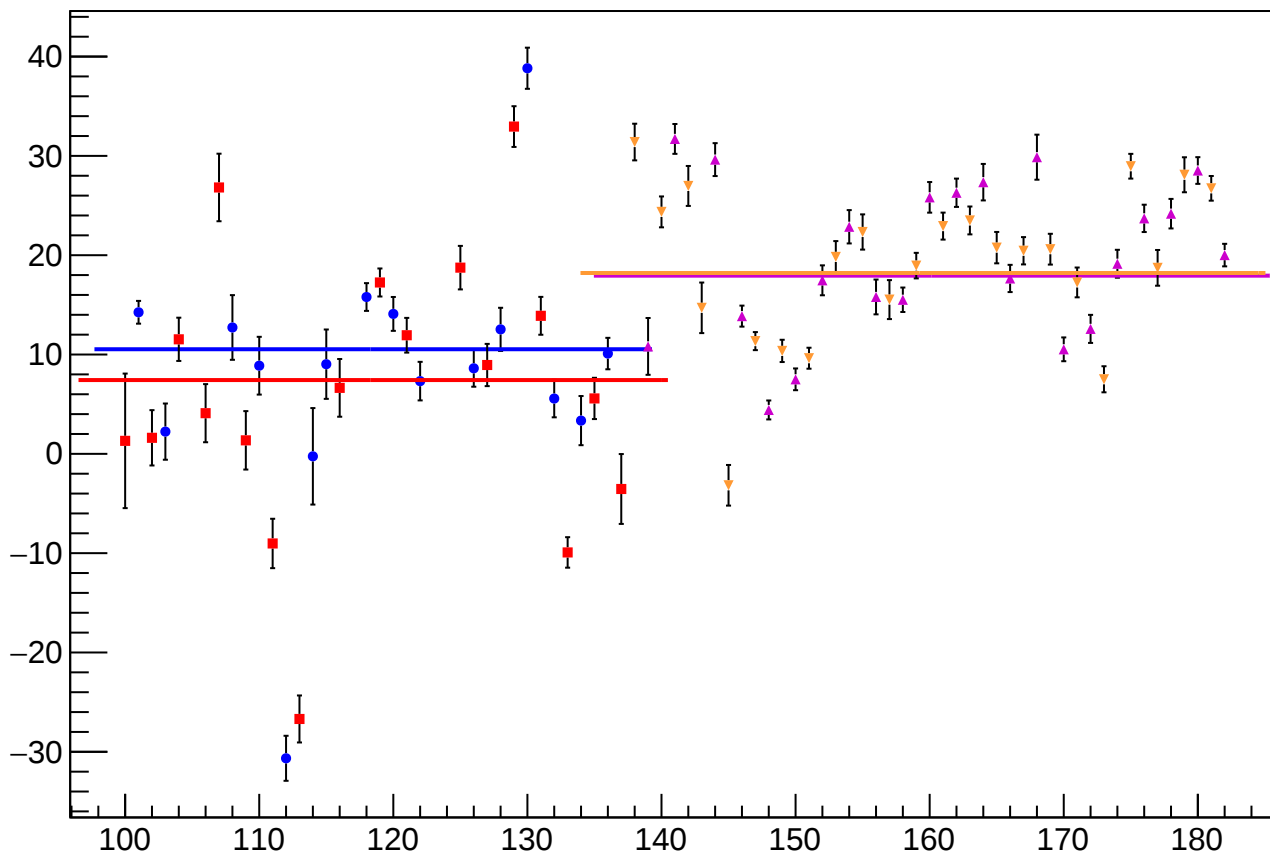
Right: 105.929 $\pm$ 0.581 χ^2/NDF : 5549.0/33

In: 68.042 $\pm$ 0.309 χ^2/NDF :7461.6/37

Out: 70.103 $\pm$ 0.320 χ^2/NDF :7686.3/40

All: 69.035 $\pm$ 0.222 χ^2/NDF : 15169.4/78

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: 18.210 ± 0.299 $\chi^2/\text{NDF}: 631.4/22$

Right Out: 7.429 ± 0.524 $\chi^2/\text{NDF}: 685.8/17$

Left In: 17.941 ± 0.295 $\chi^2/\text{NDF}: 729.1/21$

Left: 18.073 ± 0.210 $\chi^2/\text{NDF}: 1360.9/44$

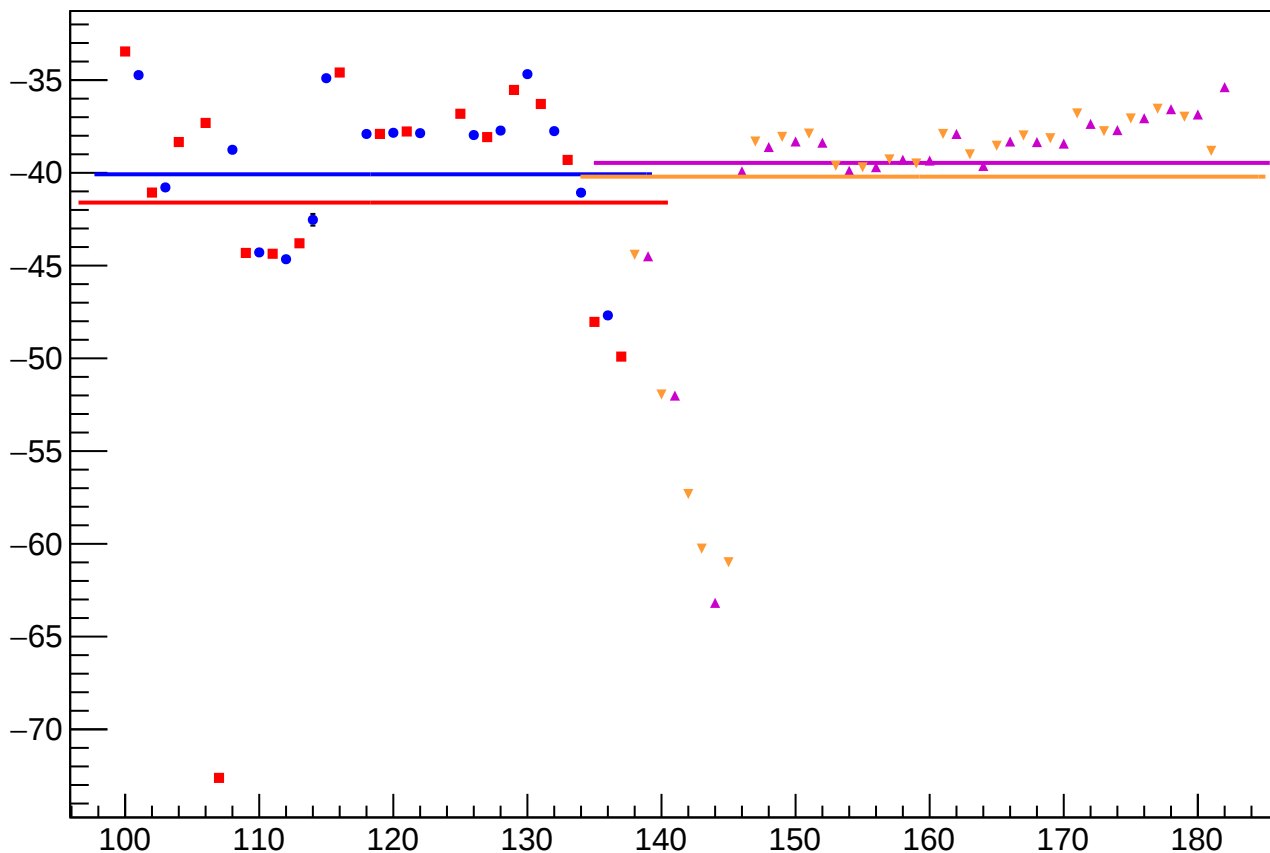
Right: 9.074 ± 0.359 $\chi^2/\text{NDF}: 1284.7/33$

In: 15.986 ± 0.253 $\chi^2/\text{NDF}: 1475.8/37$

Out: 15.556 ± 0.260 $\chi^2/\text{NDF}: 1636.8/40$

All: 15.777 ± 0.181 $\chi^2/\text{NDF}: 3114.0/78$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 χ^2/NDF : 25147.0/15

Left Out: -40.206 ± 0.014 χ^2/NDF : 154976.0/22

Right Out: -41.602 ± 0.029 χ^2/NDF : 61856.4/17

Left In: -39.464 ± 0.014 χ^2/NDF : 116070.5/21

Left: -39.821 ± 0.010 χ^2/NDF : 272454.2/44

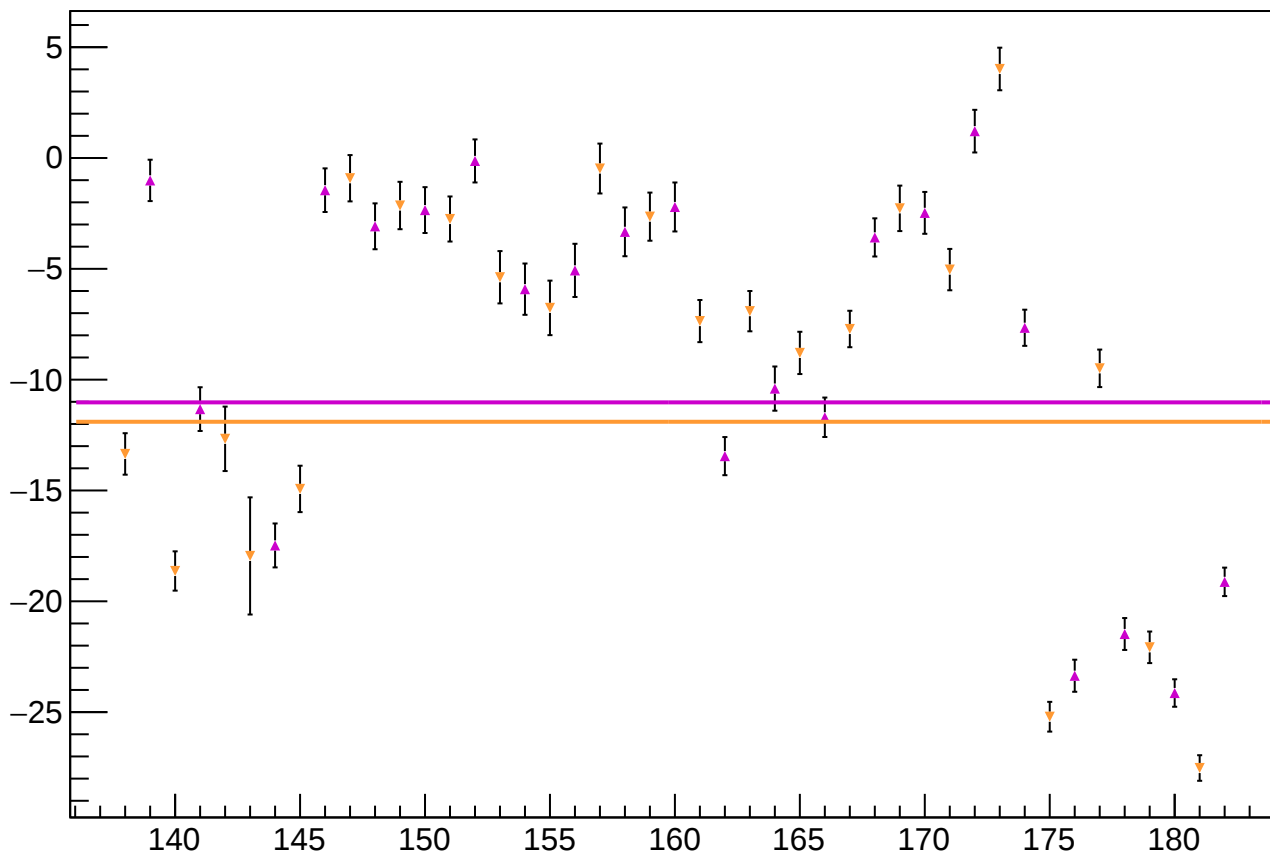
Right: -40.831 ± 0.020 χ^2/NDF : 88443.2/33

In: -39.581 ± 0.012 χ^2/NDF : 141601.2/37

Out: -40.485 ± 0.013 χ^2/NDF : 218744.3/40

All: -40.018 ± 0.009 χ^2/NDF : 362935.2/78

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: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Left: -11.451 $\pm$ 0.136 χ^2/NDF : 4543.7/44

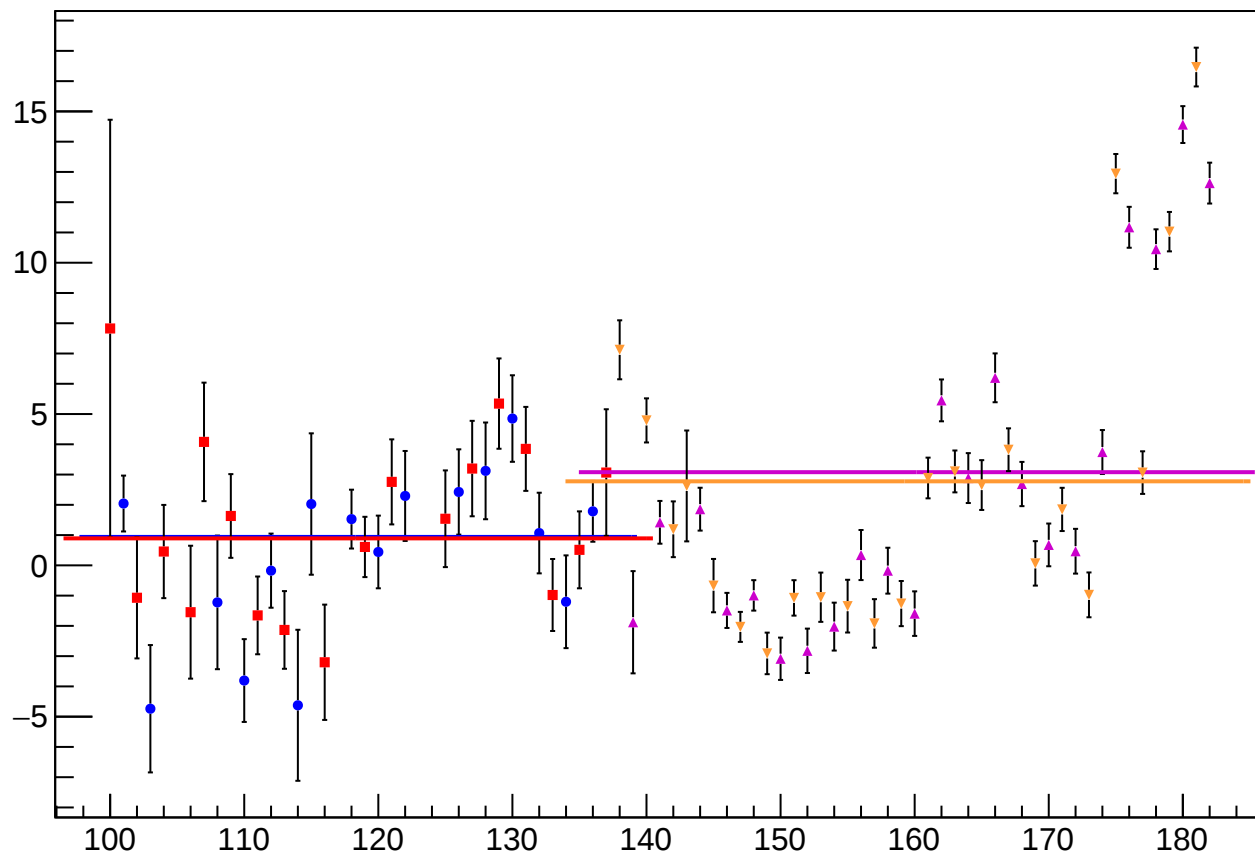
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -11.025 $\pm$ 0.190 χ^2/NDF :2116.4/21

Out: -11.900 $\pm$ 0.195 χ^2/NDF :2416.9/22

All: -11.451 $\pm$ 0.136 χ^2/NDF : 4543.7/44

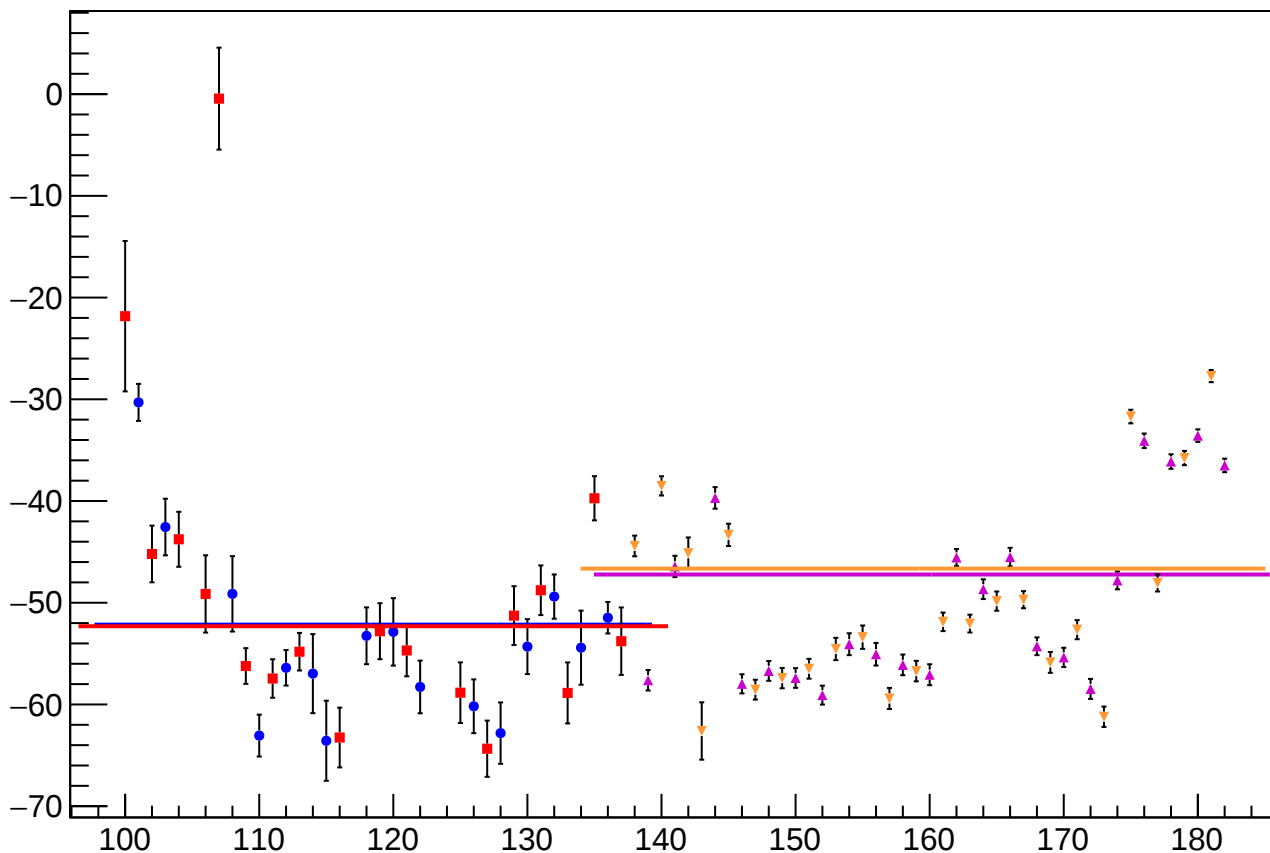
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: 2.777 ± 0.151 $\chi^2/\text{NDF}: 1265.9/22$
 Right Out: 0.891 ± 0.354 $\chi^2/\text{NDF}: 41.6/17$
 Left In: 3.079 ± 0.151 $\chi^2/\text{NDF}: 1276.3/21$

Left: 2.928 ± 0.107 $\chi^2/\text{NDF}: 2544.2/44$
 Right: 0.916 ± 0.245 $\chi^2/\text{NDF}: 83.8/33$
 In: 2.725 ± 0.138 $\chi^2/\text{NDF}: 1351.8/37$
 Out: 2.484 ± 0.139 $\chi^2/\text{NDF}: 1331.5/40$
 All: 2.606 ± 0.098 $\chi^2/\text{NDF}: 2684.8/78$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -46.644 ± 0.194 χ^2/NDF : 2990.5/22

Right Out: -52.310 ± 0.616 χ^2/NDF : 234.8/17

Left In: -47.224 ± 0.189 χ^2/NDF : 2522.9/21

Left: -46.942 ± 0.135 χ^2/NDF : 5518.0/44

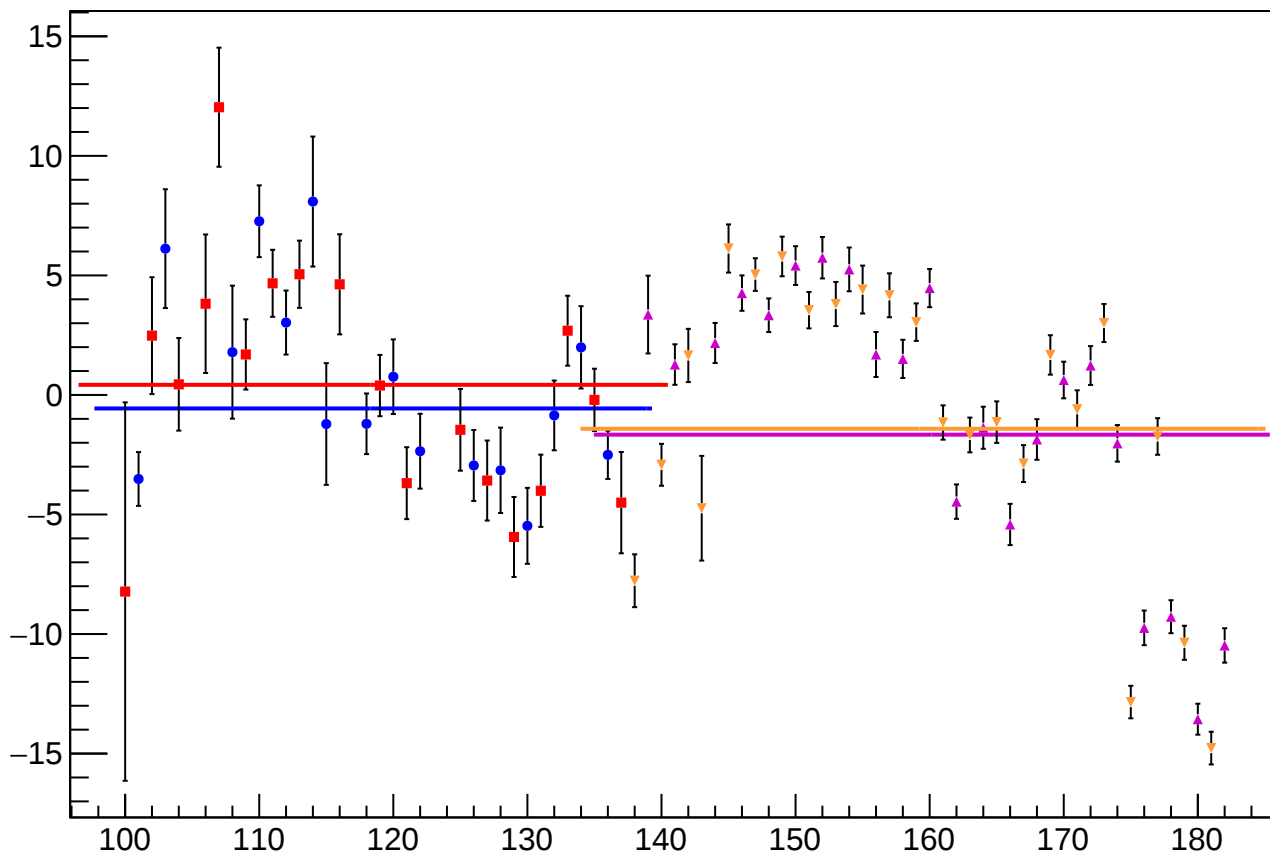
Right: -52.232 ± 0.434 χ^2/NDF : 465.9/33

In: -47.651 ± 0.180 χ^2/NDF : 2813.0/37

Out: -47.154 ± 0.185 χ^2/NDF : 3302.4/40

All: -47.409 ± 0.129 χ^2/NDF : 6119.1/78

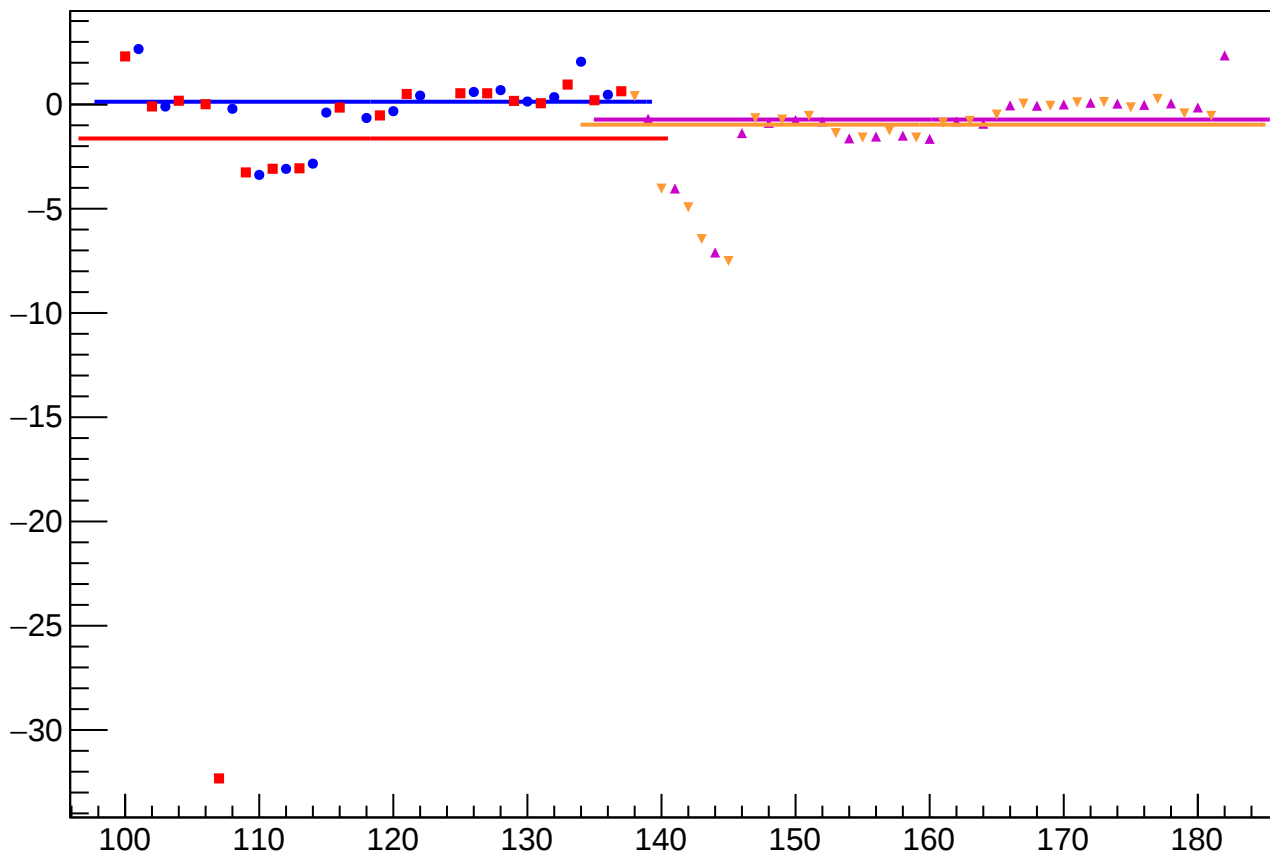
reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 $\chi^2/\text{NDF}: 81.8/15$
 Left Out: -1.415 ± 0.172 $\chi^2/\text{NDF}: 1316.7/22$
 Right Out: 0.423 ± 0.400 $\chi^2/\text{NDF}: 95.3/17$
 Left In: -1.661 ± 0.170 $\chi^2/\text{NDF}: 1241.0/21$

Left: -1.539 ± 0.121 $\chi^2/\text{NDF}: 2558.8/44$
 Right: -0.090 ± 0.277 $\chi^2/\text{NDF}: 180.3/33$
 In: -1.481 ± 0.156 $\chi^2/\text{NDF}: 1329.7/37$
 Out: -1.128 ± 0.158 $\chi^2/\text{NDF}: 1429.9/40$
 All: -1.307 ± 0.111 $\chi^2/\text{NDF}: 2762.1/78$

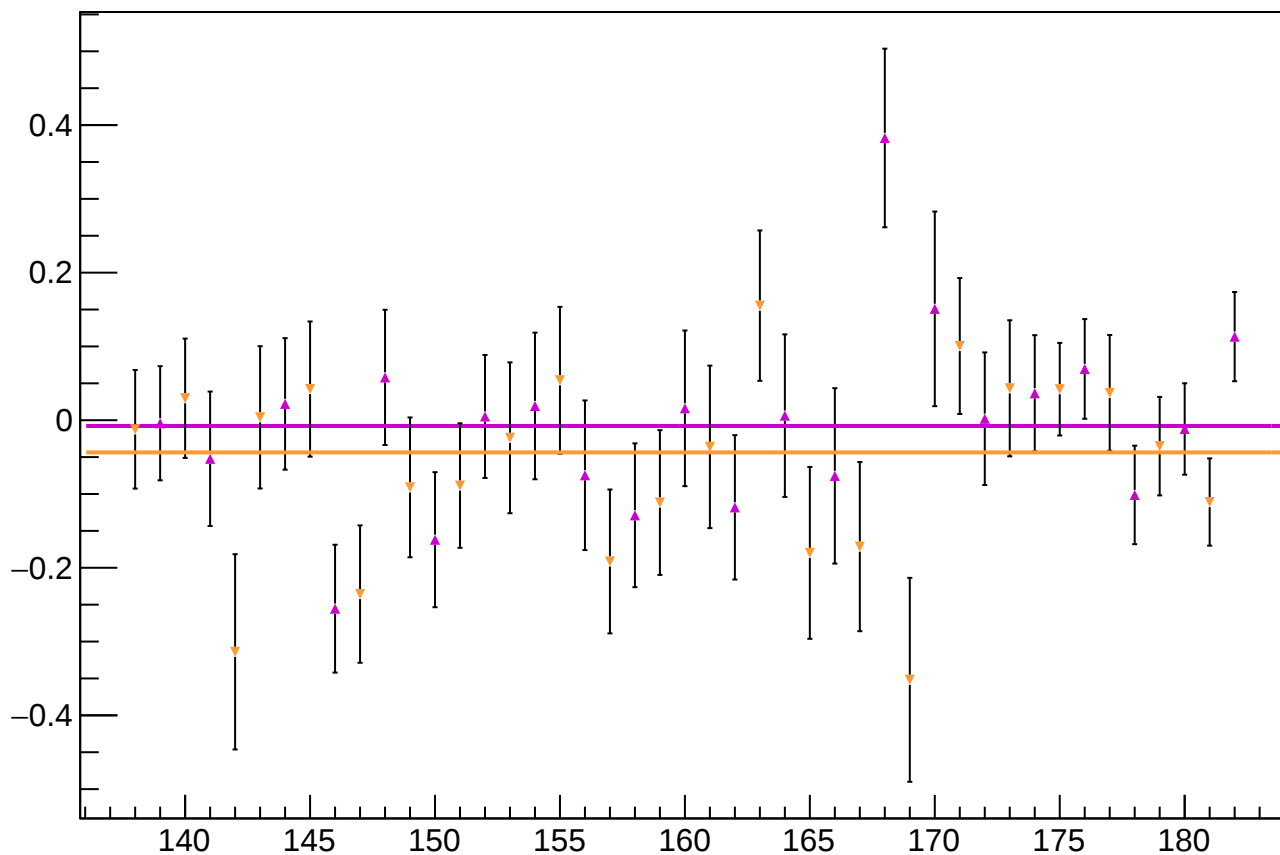
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -0.969 ± 0.008 $\chi^2/\text{NDF}: 43081.7/22$
 Right Out: -1.632 ± 0.022 $\chi^2/\text{NDF}: 77874.4/17$
 Left In: -0.724 ± 0.008 $\chi^2/\text{NDF}: 40016.7/21$

Left: -0.844 ± 0.006 $\chi^2/\text{NDF}: 83592.7/44$
 Right: -0.739 ± 0.015 $\chi^2/\text{NDF}: 86417.2/33$
 In: -0.626 ± 0.007 $\chi^2/\text{NDF}: 46645.8/37$
 Out: -1.046 ± 0.007 $\chi^2/\text{NDF}: 121772.0/40$
 All: -0.832 ± 0.005 $\chi^2/\text{NDF}: 170051.0/78$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Left: -0.026 $\pm$ 0.013 χ^2 /NDF: 70.8/44

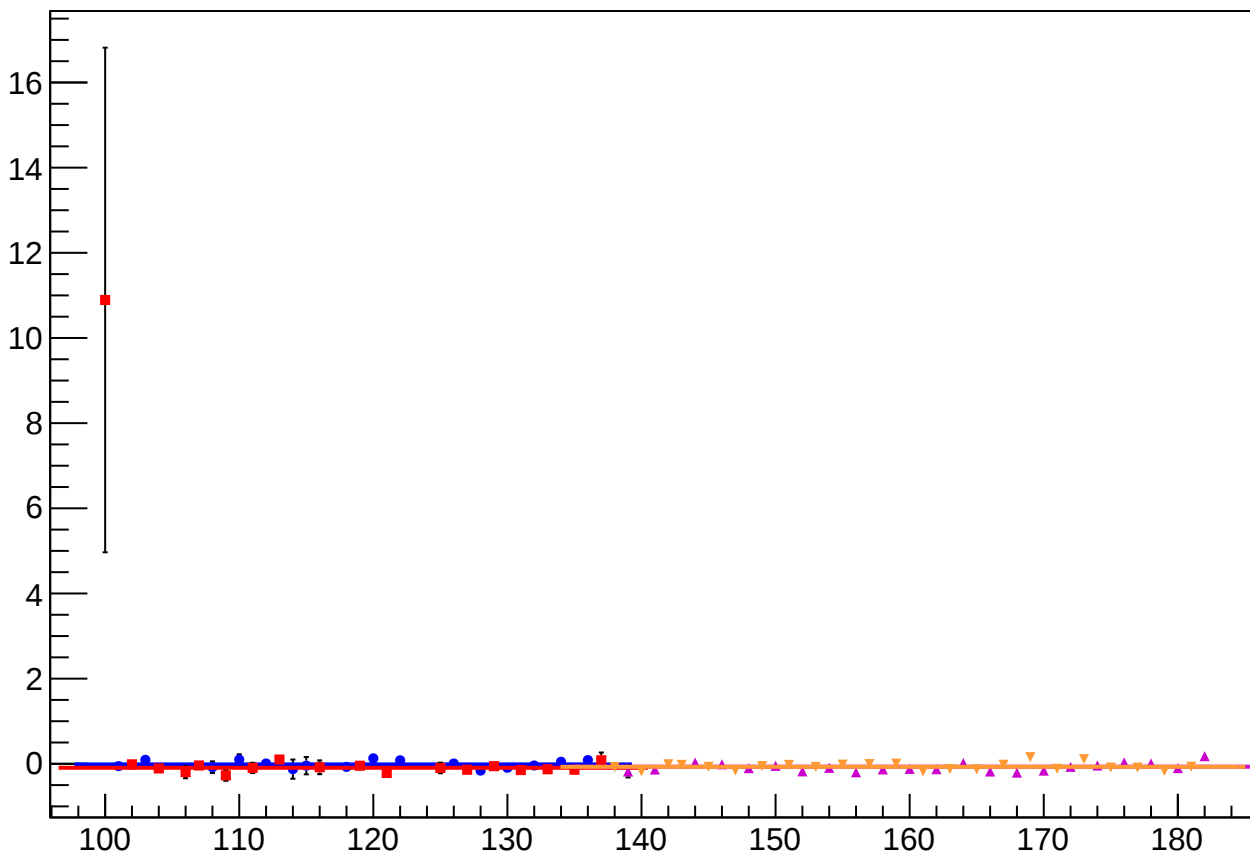
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.008 $\pm$ 0.018 χ^2 /NDF:35.1/21

Out: -0.044 $\pm$ 0.019 χ^2 /NDF:33.8/22

All: -0.026 $\pm$ 0.013 χ^2 /NDF: 70.8/44

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 : 28.3/22

Right Out: -0.093 ± 0.025 χ^2/NDF : 13.5/17

Left In: -0.068 ± 0.014 χ^2/NDF : 38.8/21

Left: -0.069 ± 0.010 χ^2/NDF : 67.1/44

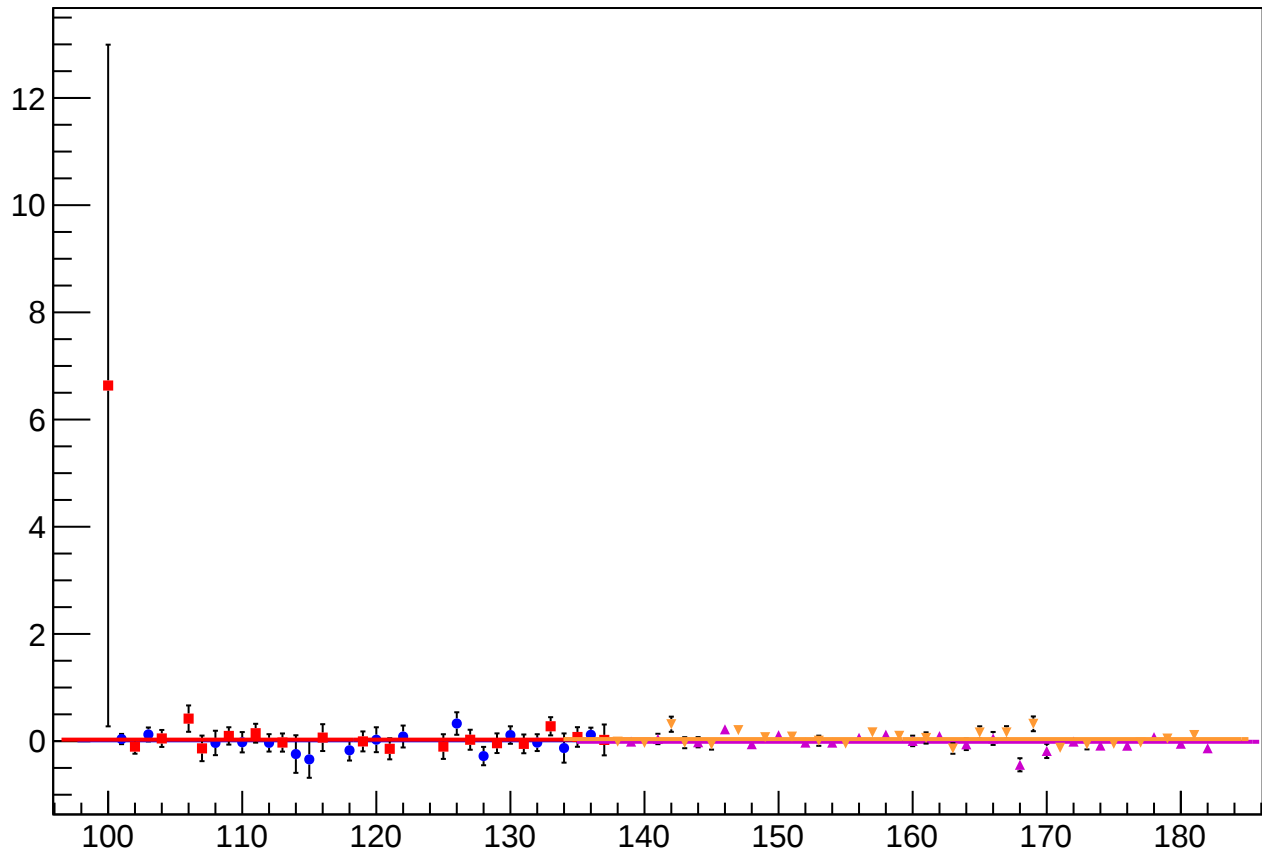
Right: -0.051 ± 0.017 χ^2/NDF : 31.5/33

In: -0.053 ± 0.012 χ^2/NDF : 55.1/37

Out: -0.076 ± 0.012 χ^2/NDF : 42.5/40

All: -0.065 ± 0.009 χ^2/NDF : 99.4/78

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.043 χ^2/NDF : 10.1/15

Left Out: 0.038+/-0.018 χ^2/NDF :31.8/22

Right Out: 0.028+/-0.045 χ^2/NDF : 9.5/17

Left In: -0.012+/-0.018 χ^2/NDF :36.6/21

Left: 0.013+/-0.013 χ^2/NDF : 72.2/44

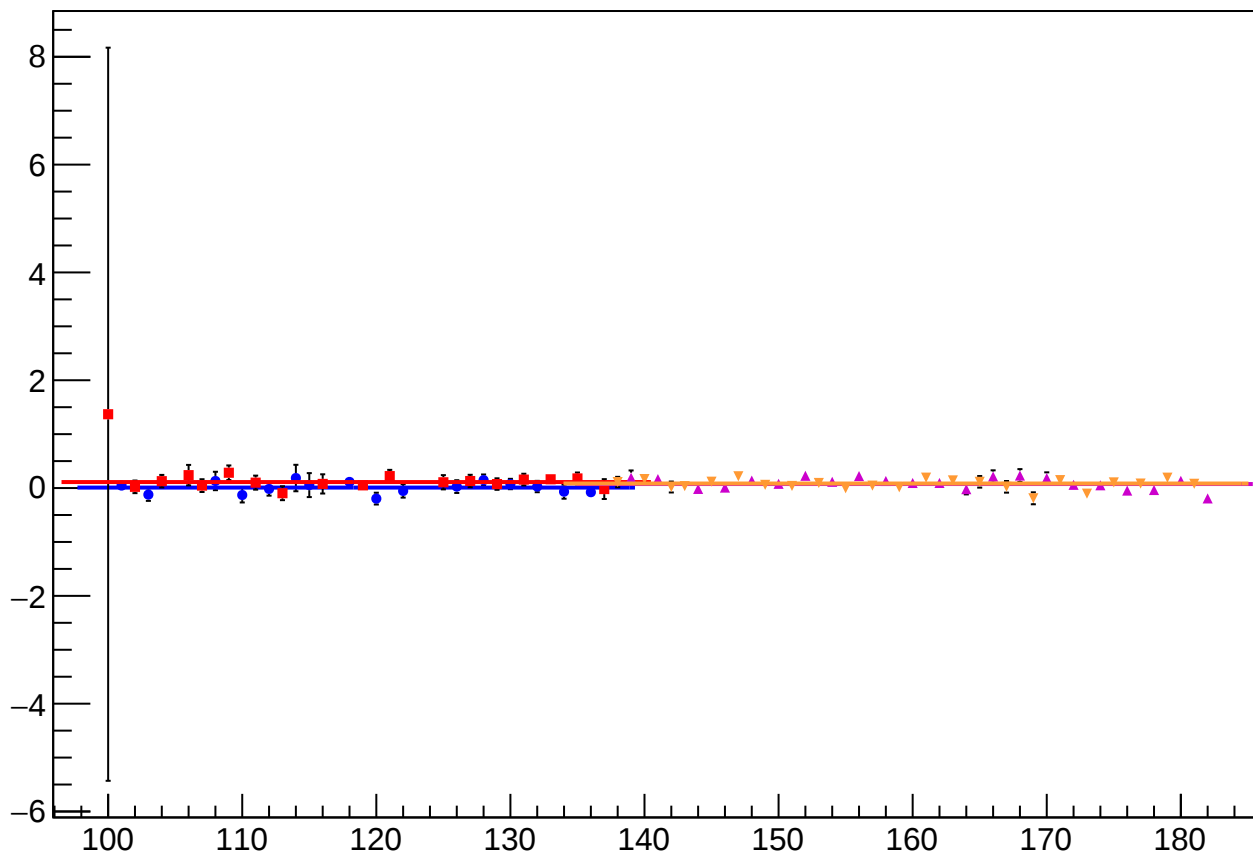
Right: 0.021+/-0.031 χ^2/NDF : 19.7/33

In: -0.008+/-0.017 χ^2/NDF :47.1/37

Out: 0.037+/-0.017 χ^2/NDF :41.4/40

All: 0.014+/-0.012 χ^2/NDF : 92.0/78

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.027 χ^2 /NDF: 12.6/15

Left Out: 0.084+/-0.016 χ^2 /NDF: 28.1/22

Right Out: 0.111+/-0.029 χ^2 /NDF: 8.6/17

Left In: 0.074+/-0.016 χ^2 /NDF: 42.2/21

Left: 0.079+/-0.012 χ^2 /NDF: 70.5/44

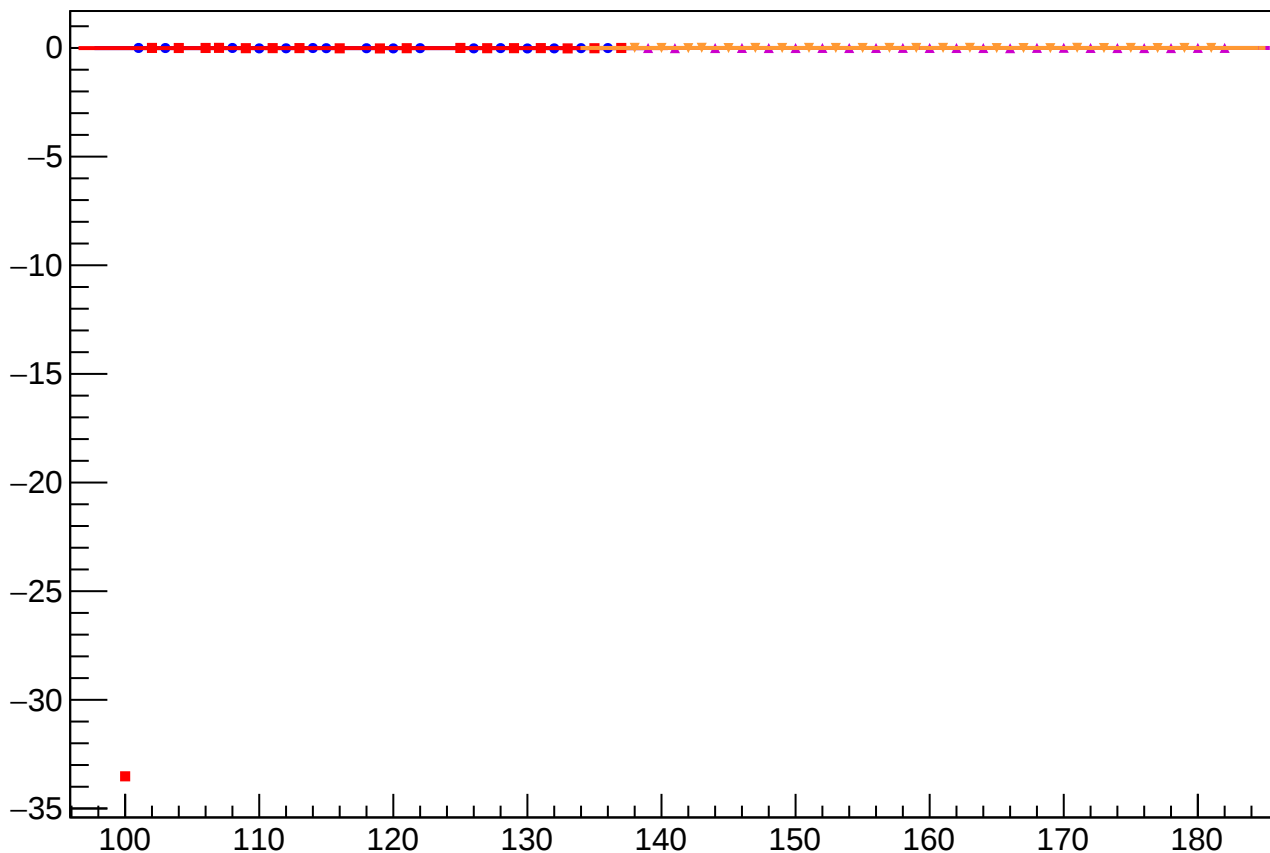
Right: 0.057+/-0.020 χ^2 /NDF: 28.0/33

In: 0.057+/-0.014 χ^2 /NDF: 59.2/37

Out: 0.091+/-0.014 χ^2 /NDF: 37.4/40

All: 0.074+/-0.010 χ^2 /NDF: 99.6/78

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.001 χ^2 /NDF: 22.3/15

Left Out: 0.001 $\pm$ 0.001 χ^2 /NDF:22.6/22

Right Out: -0.006 $\pm$ 0.001 χ^2 /NDF: 26508.9/17

Left In: 0.000 $\pm$ 0.001 χ^2 /NDF:21.9/21

Left: 0.001 $\pm$ 0.001 χ^2 /NDF: 44.9/44

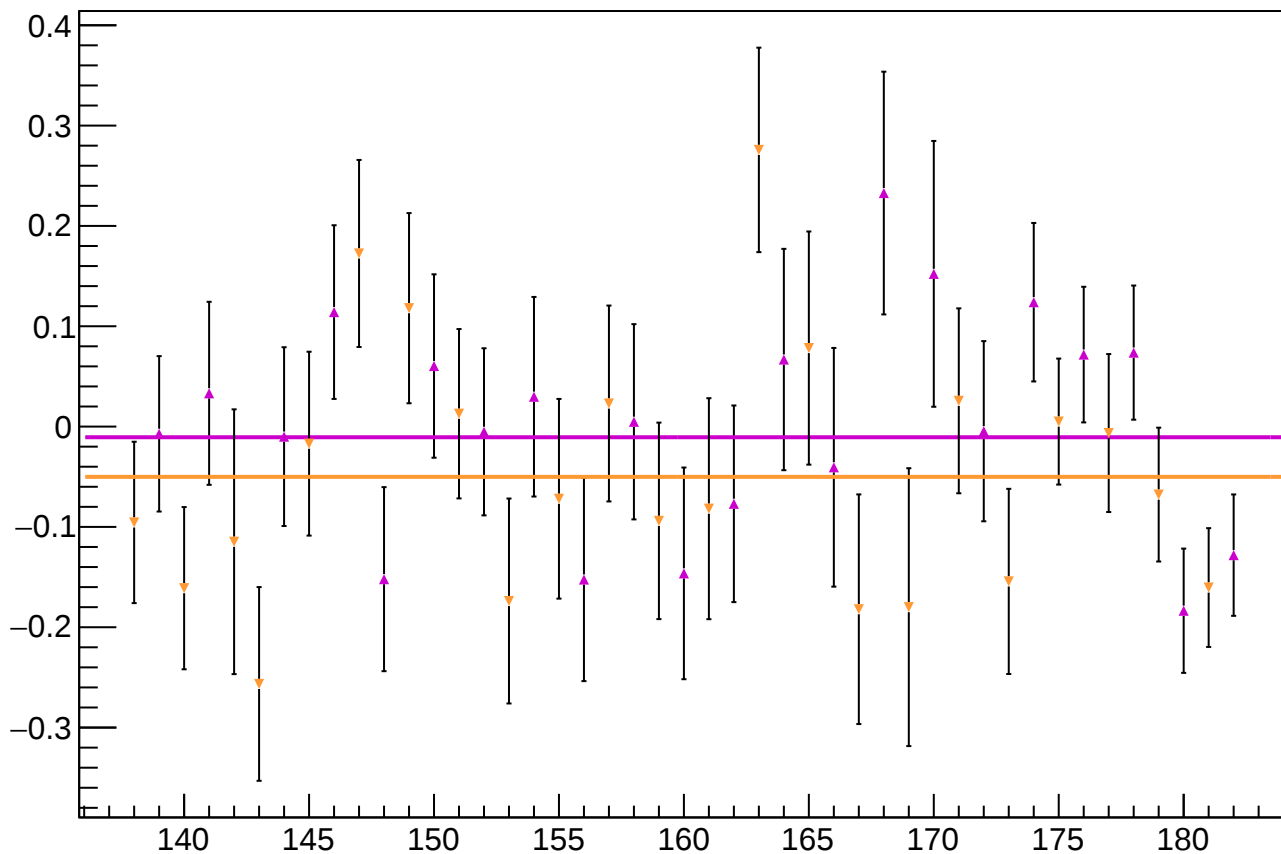
Right: -0.006 $\pm$ 0.001 χ^2 /NDF: 26531.2/33

In: -0.001 $\pm$ 0.001 χ^2 /NDF:56.8/37

Out: -0.000 $\pm$ 0.001 χ^2 /NDF:26549.2/40

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 26606.3/78

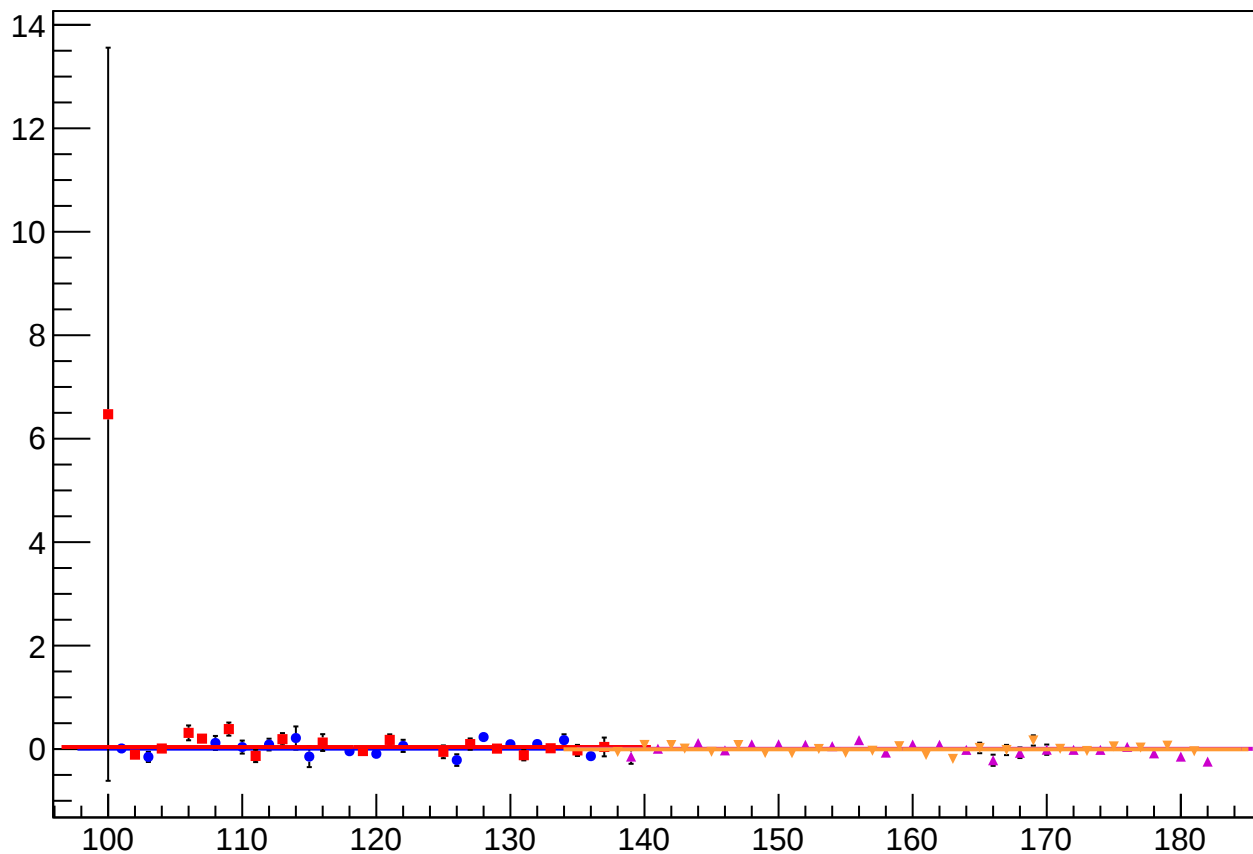
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21

Left: -0.030 $\pm$ 0.013 χ^2 /NDF: 74.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.011 $\pm$ 0.018 χ^2 /NDF:33.2/21
 Out: -0.050 $\pm$ 0.019 χ^2 /NDF:39.1/22
 All: -0.030 $\pm$ 0.013 χ^2 /NDF: 74.7/44

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.023 χ^2 /NDF: 23.7/15

Left Out: -0.005 $\pm$ 0.014 χ^2 /NDF:26.2/22

Right Out: 0.039 $\pm$ 0.025 χ^2 /NDF: 28.4/17

Left In: 0.004 $\pm$ 0.014 χ^2 /NDF:50.1/21

Left: -0.000 $\pm$ 0.010 χ^2 /NDF: 76.5/44

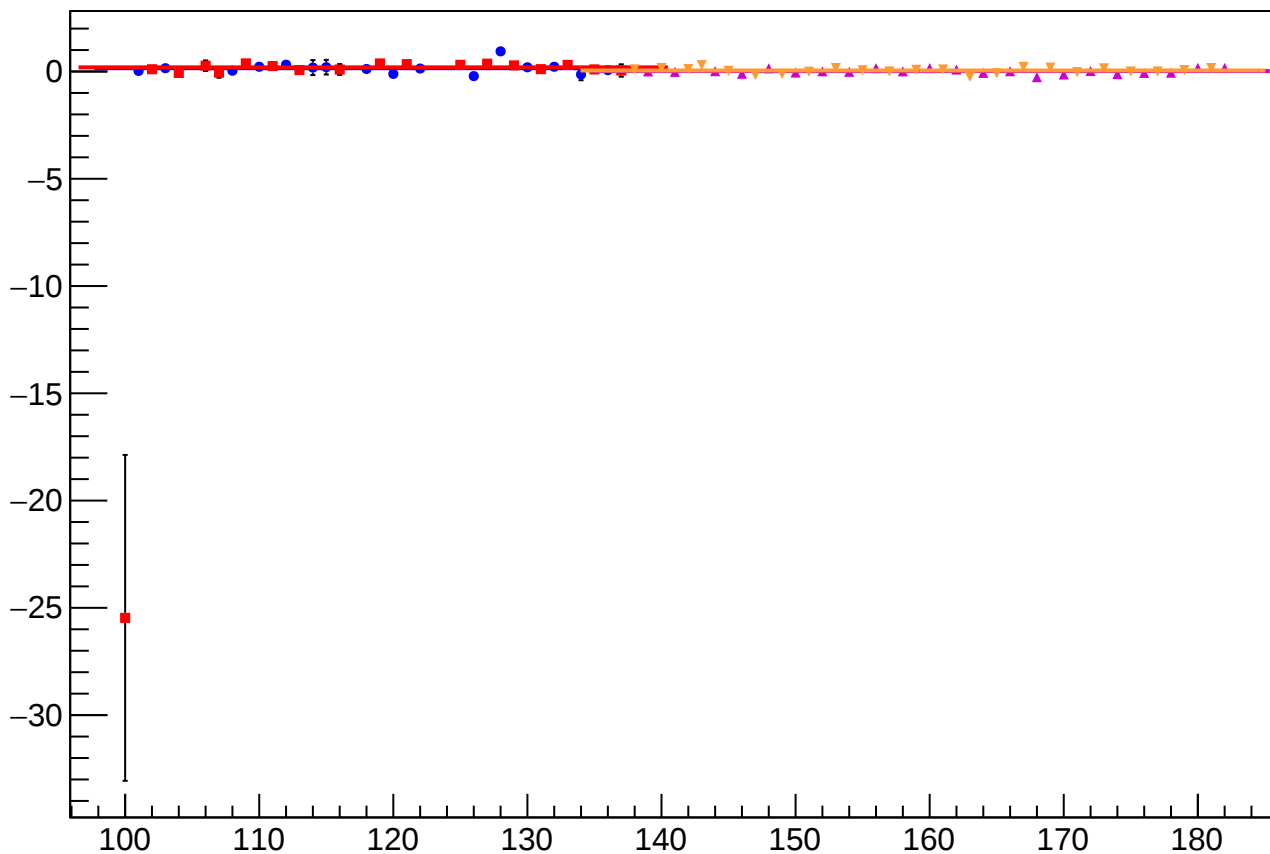
Right: 0.023 $\pm$ 0.017 χ^2 /NDF: 52.9/33

In: 0.006 $\pm$ 0.012 χ^2 /NDF:73.8/37

Out: 0.006 $\pm$ 0.012 χ^2 /NDF:57.0/40

All: 0.006 $\pm$ 0.009 χ^2 /NDF: 130.8/78

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: 0.048 $\pm$ 0.018 χ^2 /NDF:39.0/22

Right Out: 0.193 $\pm$ 0.045 χ^2 /NDF: 22.0/17

Left In: 0.021 $\pm$ 0.018 χ^2 /NDF:34.0/21

Left: 0.034 $\pm$ 0.013 χ^2 /NDF: 74.1/44

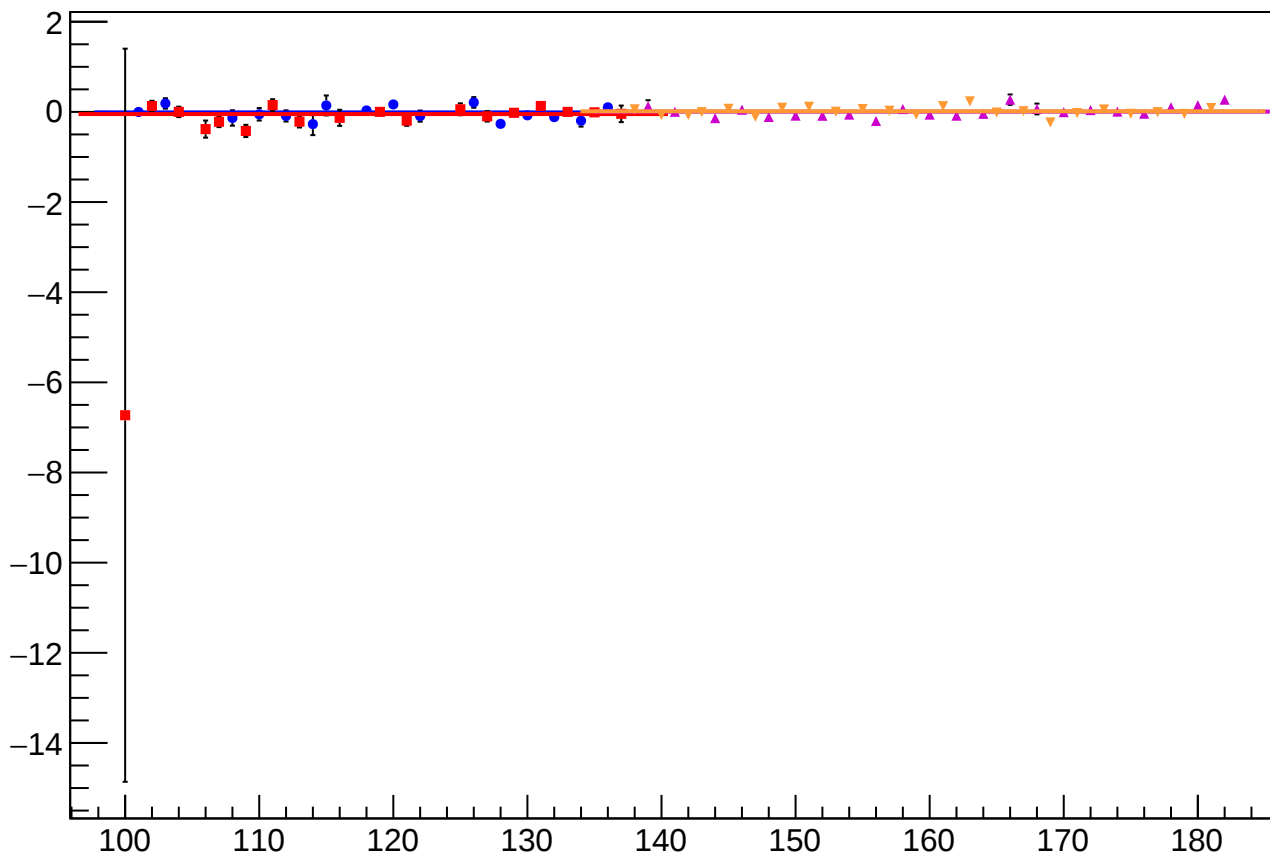
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 52.9/33

In: 0.041 $\pm$ 0.017 χ^2 /NDF:72.7/37

Out: 0.069 $\pm$ 0.017 χ^2 /NDF:69.9/40

All: 0.055 $\pm$ 0.012 χ^2 /NDF: 143.9/78

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.011 ± 0.027 χ^2/NDF : 23.4/15

Left Out: 0.013 ± 0.016 χ^2/NDF : 29.0/22

Right Out: -0.048 ± 0.029 χ^2/NDF : 26.2/17

Left In: 0.006 ± 0.016 χ^2/NDF : 50.2/21

Left: 0.010 ± 0.012 χ^2/NDF : 79.4/44

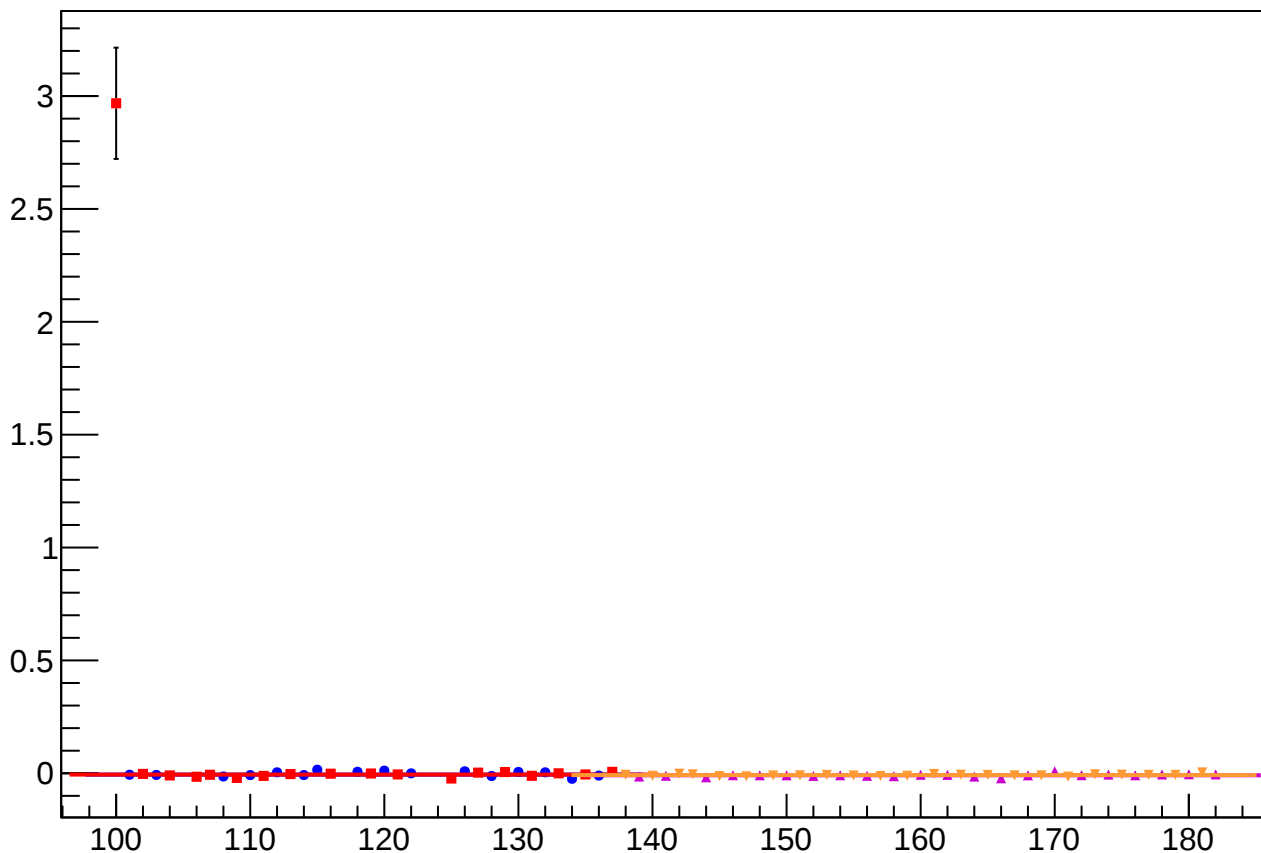
Right: -0.029 ± 0.020 χ^2/NDF : 50.6/33

In: 0.001 ± 0.014 χ^2/NDF : 74.0/37

Out: -0.002 ± 0.014 χ^2/NDF : 58.8/40

All: -0.000 ± 0.010 χ^2/NDF : 132.8/78

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006+/-0.001 χ^2/NDF : 28.7/15

Left Out: -0.008+/-0.001 χ^2/NDF :30.4/22

Right Out: -0.006+/-0.001 χ^2/NDF : 165.2/17

Left In: -0.009+/-0.001 χ^2/NDF :38.9/21

Left: -0.008+/-0.001 χ^2/NDF : 70.0/44

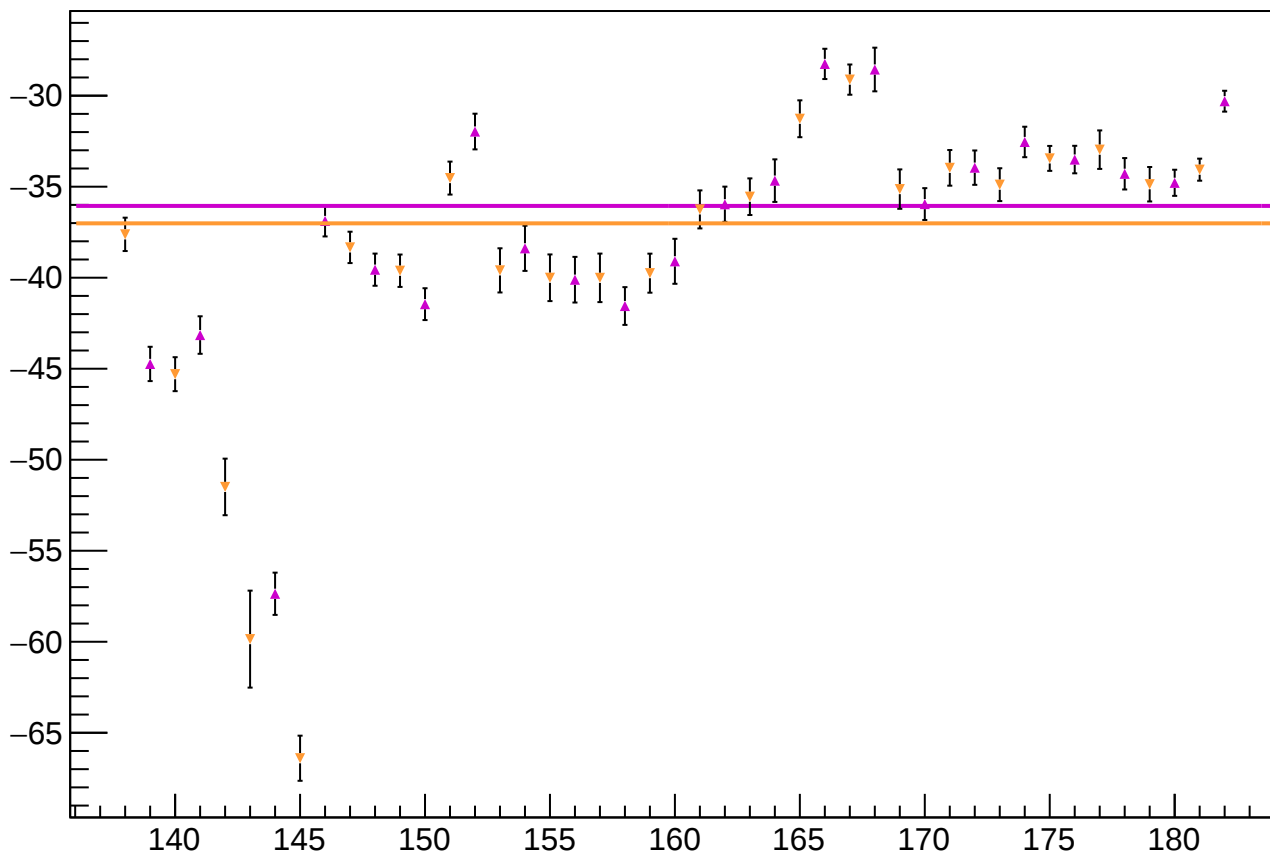
Right: -0.006+/-0.001 χ^2/NDF : 193.9/33

In: -0.008+/-0.001 χ^2/NDF :70.9/37

Out: -0.008+/-0.001 χ^2/NDF :197.3/40

All: -0.008+/-0.000 χ^2/NDF : 268.8/78

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.056+/-0.194 χ^2/NDF :860.1/21

Left: -36.514+/-0.140 χ^2/NDF : 1927.7/44

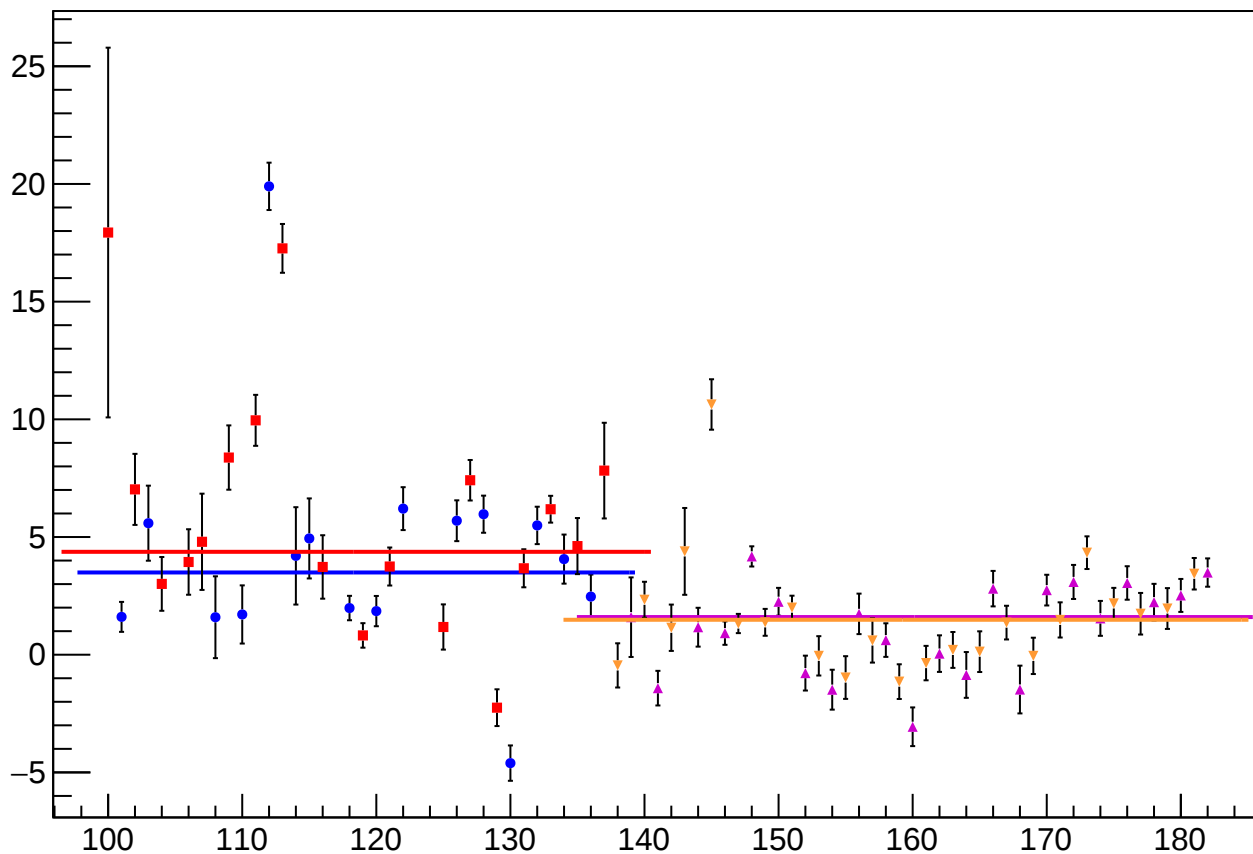
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.056+/-0.194 χ^2/NDF :860.1/21

Out: -37.014+/-0.202 χ^2/NDF :1055.9/22

All: -36.514+/-0.140 χ^2/NDF : 1927.7/44

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.484 $\pm$ 0.152 χ^2 /NDF:149.0/22

Right Out: 4.372 $\pm$ 0.225 χ^2 /NDF: 354.0/17

Left In: 1.600 $\pm$ 0.151 χ^2 /NDF:159.8/21

Left: 1.543 $\pm$ 0.107 χ^2 /NDF: 309.1/44

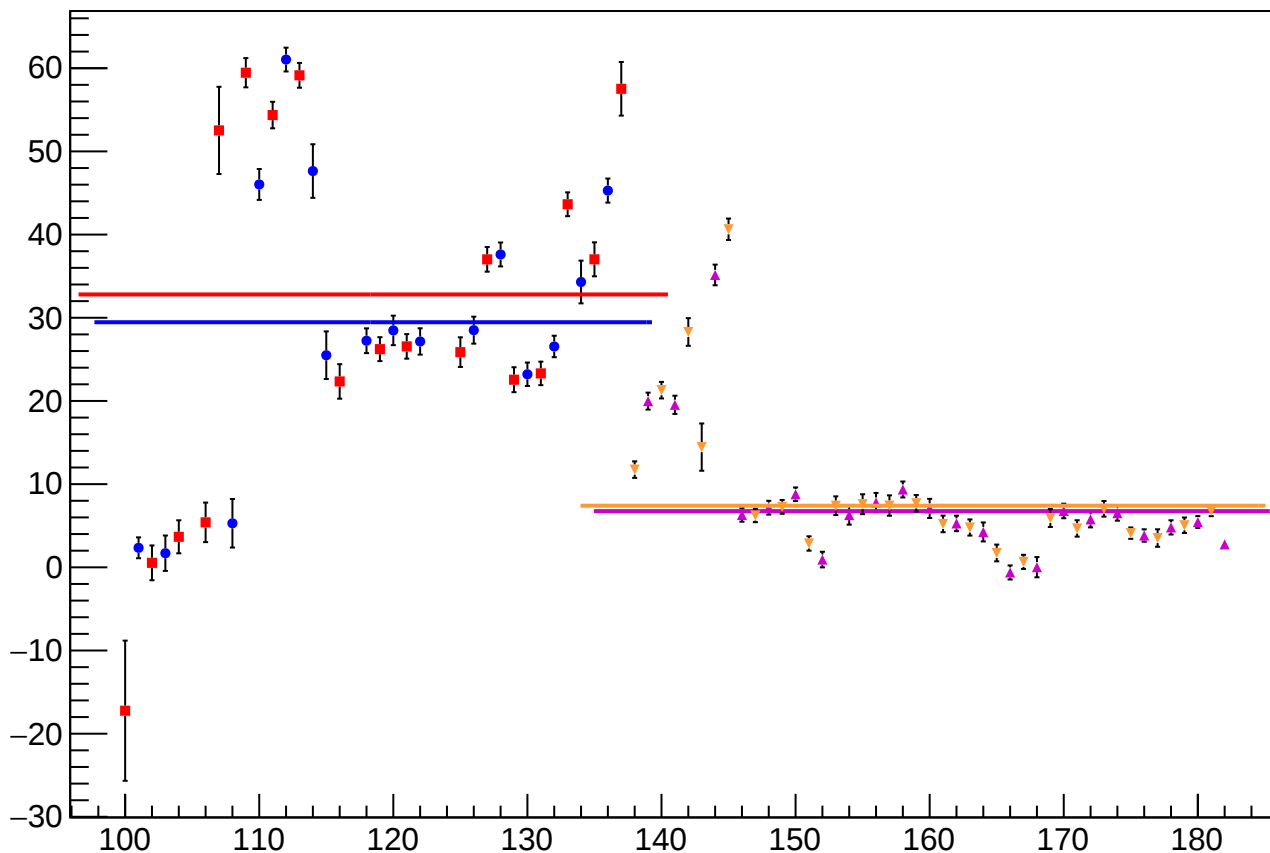
Right: 3.918 $\pm$ 0.157 χ^2 /NDF: 806.7/33

In: 2.214 $\pm$ 0.124 χ^2 /NDF:655.9/37

Out: 2.389 $\pm$ 0.126 χ^2 /NDF:615.7/40

All: 2.300 $\pm$ 0.088 χ^2 /NDF: 1272.6/78

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463+/-0.418 χ^2/NDF : 1491.6/15

Left Out: 7.409+/-0.201 χ^2/NDF :1236.7/22

Right Out: 32.804+/-0.423 χ^2/NDF : 1659.8/17

Left In: 6.757+/-0.193 χ^2/NDF :1065.2/21

Left: 7.070+/-0.139 χ^2/NDF : 2307.4/44

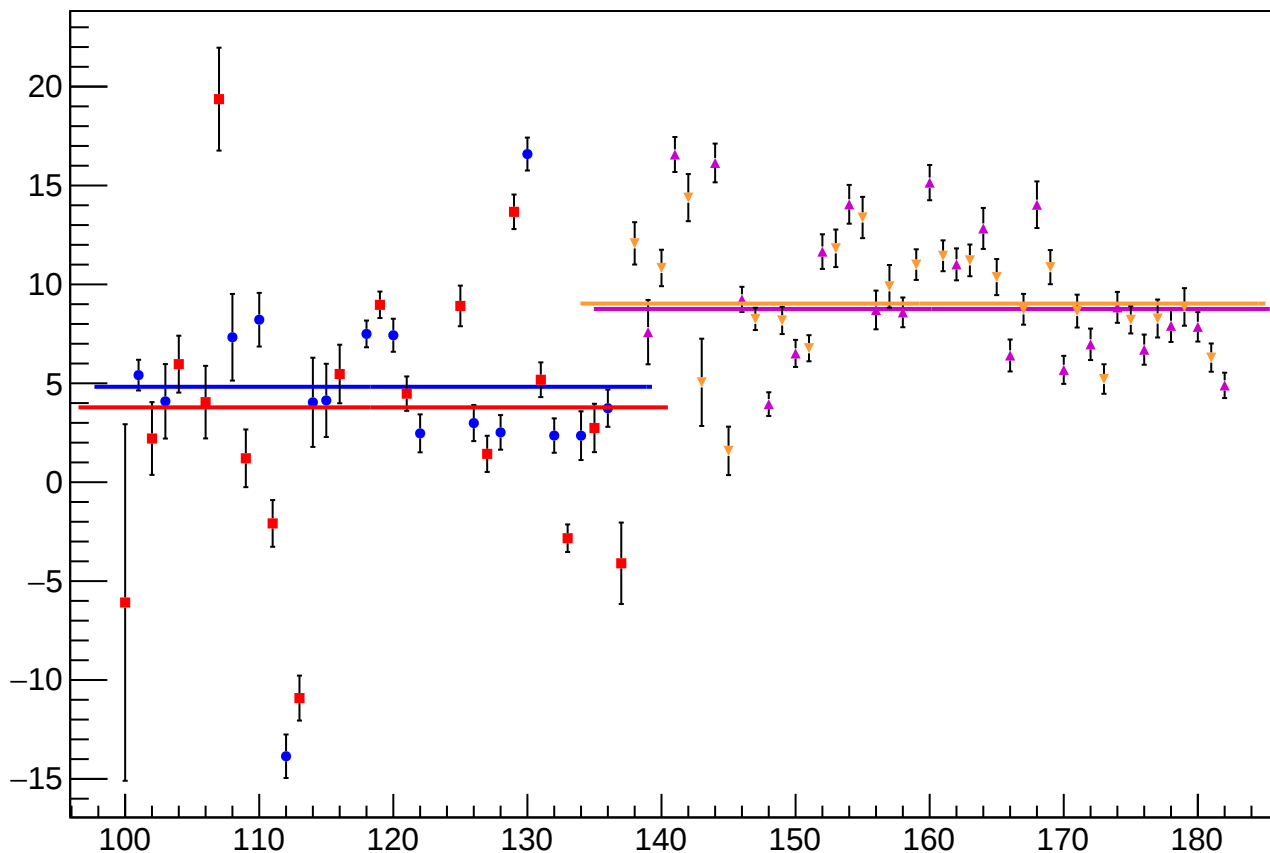
Right: 31.111+/-0.297 χ^2/NDF : 3183.0/33

In: 10.748+/-0.175 χ^2/NDF :4994.5/37

Out: 12.083+/-0.181 χ^2/NDF :5837.7/40

All: 11.391+/-0.126 χ^2/NDF : 10860.3/78

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.031 $\pm$ 0.175 χ^2 /NDF:187.5/22

Right Out: 3.784 $\pm$ 0.259 χ^2 /NDF: 564.8/17

Left In: 8.758 $\pm$ 0.172 χ^2 /NDF:424.3/21

Left: 8.892 $\pm$ 0.123 χ^2 /NDF: 613.1/44

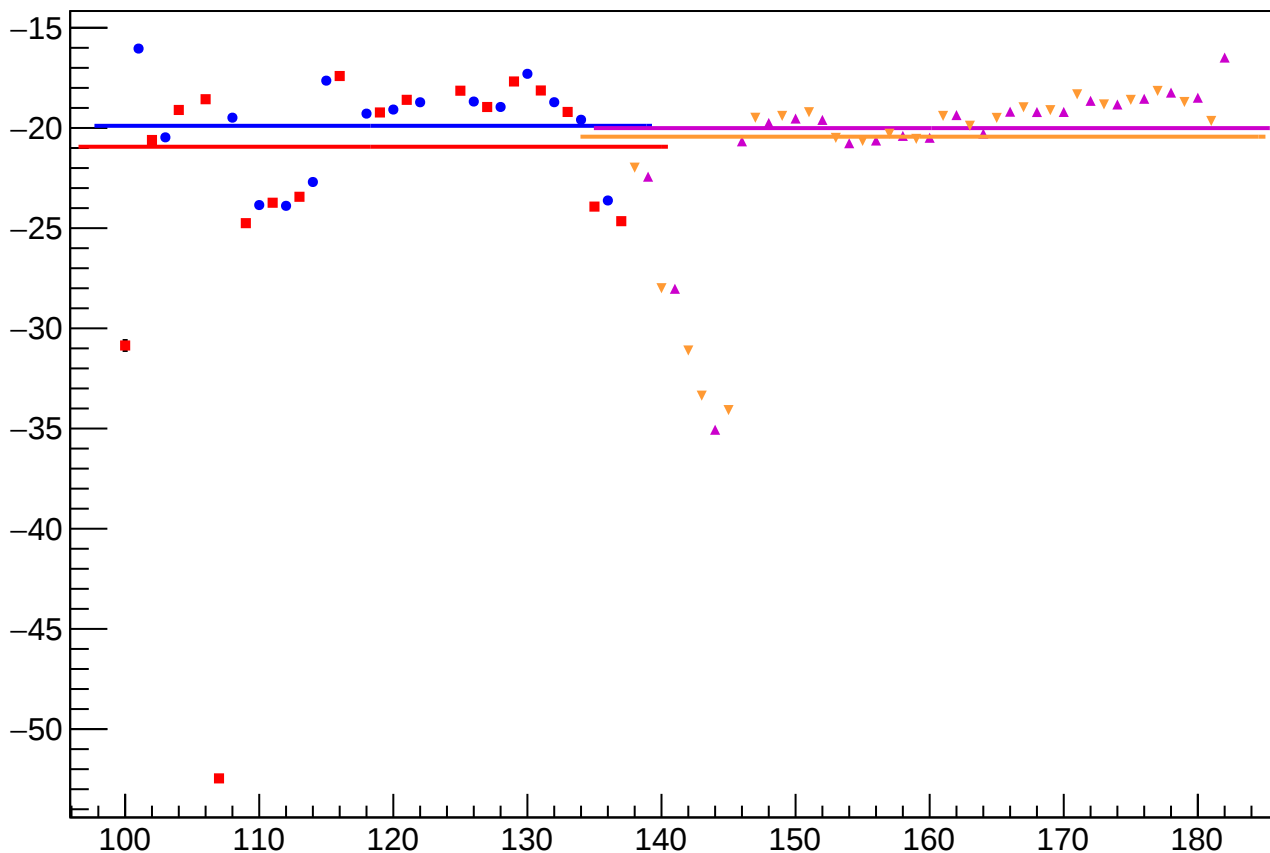
Right: 4.319 $\pm$ 0.180 χ^2 /NDF: 1126.1/33

In: 7.508 $\pm$ 0.142 χ^2 /NDF:1143.9/37

Out: 7.384 $\pm$ 0.145 χ^2 /NDF:1034.3/40

All: 7.447 $\pm$ 0.101 χ^2 /NDF: 2178.6/78

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -20.435 ± 0.008 $\chi^2/\text{NDF}: 163245.4/22$

Right Out: -20.936 ± 0.016 $\chi^2/\text{NDF}: 94127.3/17$

Left In: -20.007 ± 0.008 $\chi^2/\text{NDF}: 140247.5/21$

Left: -20.212 ± 0.006 $\chi^2/\text{NDF}: 304892.7/44$

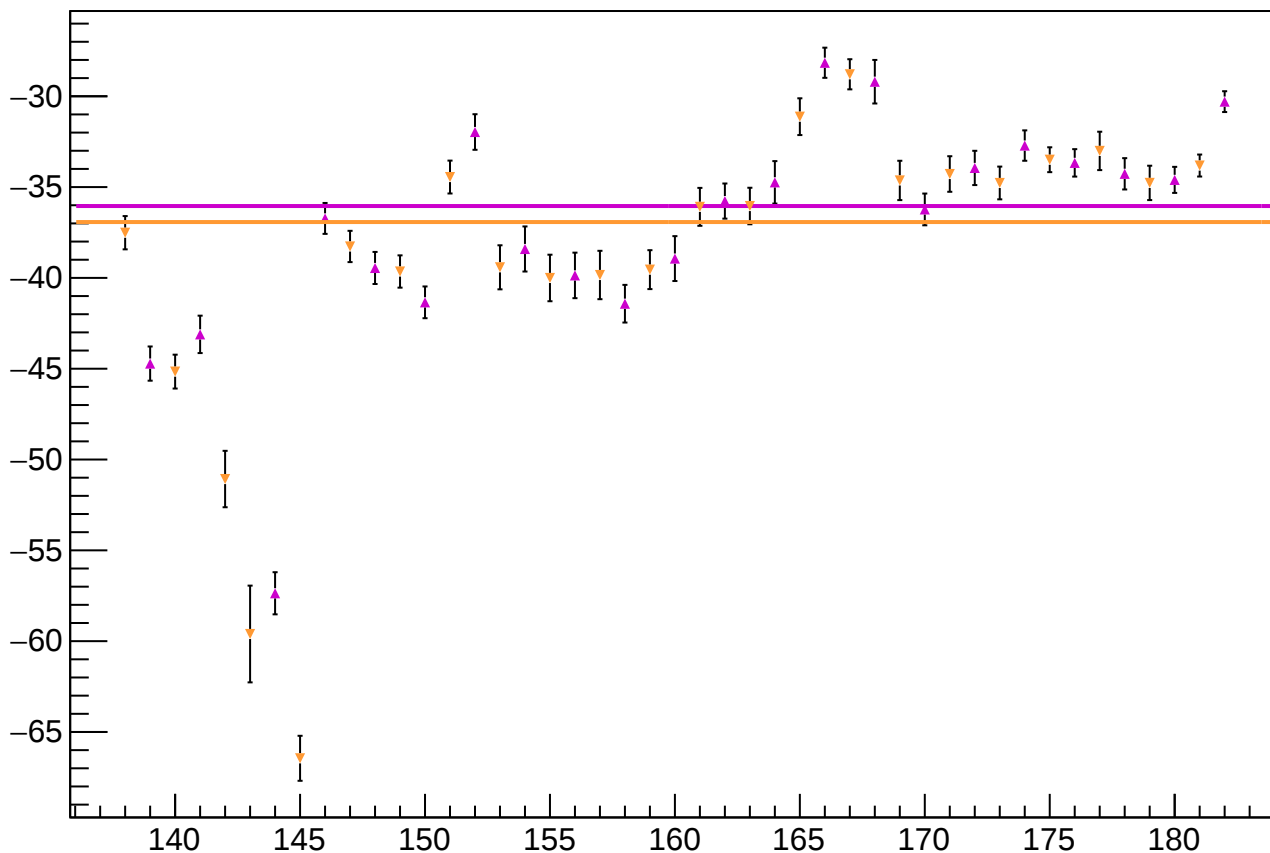
Right: -20.410 ± 0.011 $\chi^2/\text{NDF}: 122445.5/33$

In: -19.983 ± 0.007 $\chi^2/\text{NDF}: 166382.8/37$

Out: -20.543 ± 0.007 $\chi^2/\text{NDF}: 258171.7/40$

All: -20.254 ± 0.005 $\chi^2/\text{NDF}: 427590.9/78$

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



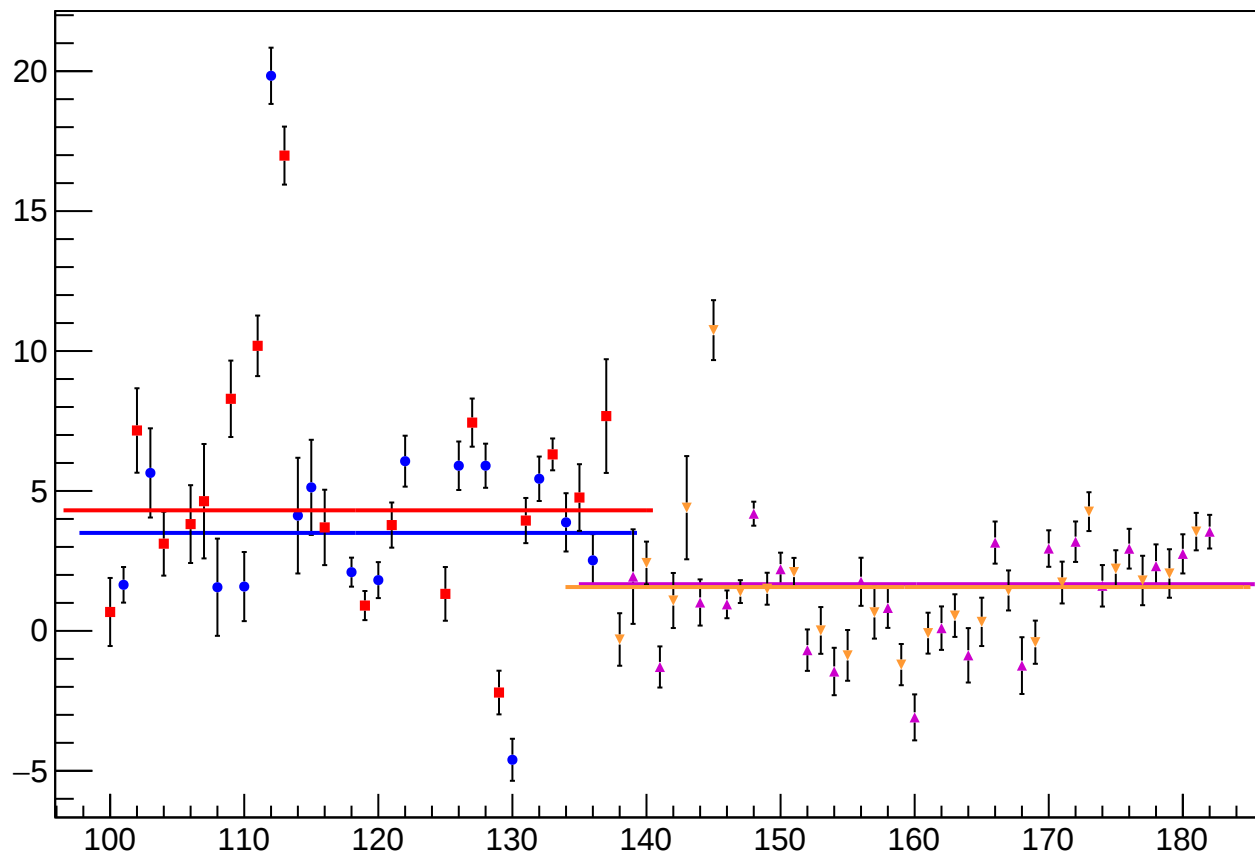
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.925+/-0.202 χ^2/NDF :1060.4/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.043+/-0.194 χ^2/NDF :848.6/21

Left: -36.466+/-0.140 χ^2/NDF : 1918.9/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.043+/-0.194 χ^2/NDF :848.6/21
 Out: -36.925+/-0.202 χ^2/NDF :1060.4/22

All: -36.466+/-0.140 χ^2/NDF : 1918.9/44

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 $\pm$ 0.218 χ^2 /NDF: 441.9/15

Left Out: 1.566 $\pm$ 0.152 χ^2 /NDF:149.2/22

Right Out: 4.308 $\pm$ 0.221 χ^2 /NDF: 352.8/17

Left In: 1.669 $\pm$ 0.151 χ^2 /NDF:160.2/21

Left: 1.618 $\pm$ 0.107 χ^2 /NDF: 309.7/44

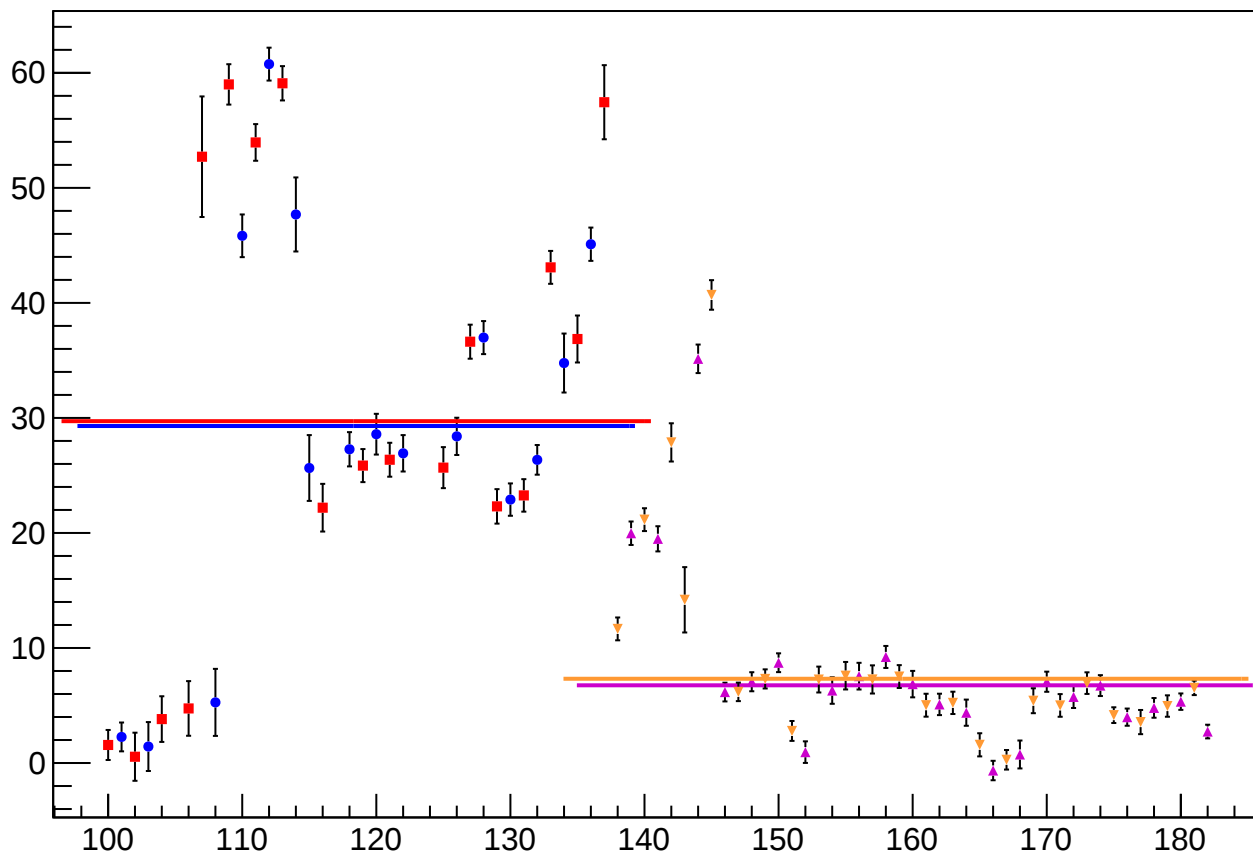
Right: 3.897 $\pm$ 0.155 χ^2 /NDF: 801.4/33

In: 2.263 $\pm$ 0.124 χ^2 /NDF:650.1/37

Out: 2.445 $\pm$ 0.125 χ^2 /NDF:606.1/40

All: 2.353 $\pm$ 0.088 χ^2 /NDF: 1257.3/78

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.297 $\pm$ 0.417 χ^2 /NDF: 1485.2/15

Left Out: 7.324 $\pm$ 0.201 χ^2 /NDF:1237.8/22

Right Out: 29.719 $\pm$ 0.403 χ^2 /NDF: 2128.9/17

Left In: 6.755 $\pm$ 0.193 χ^2 /NDF:1057.8/21

Left: 7.028 $\pm$ 0.139 χ^2 /NDF: 2299.8/44

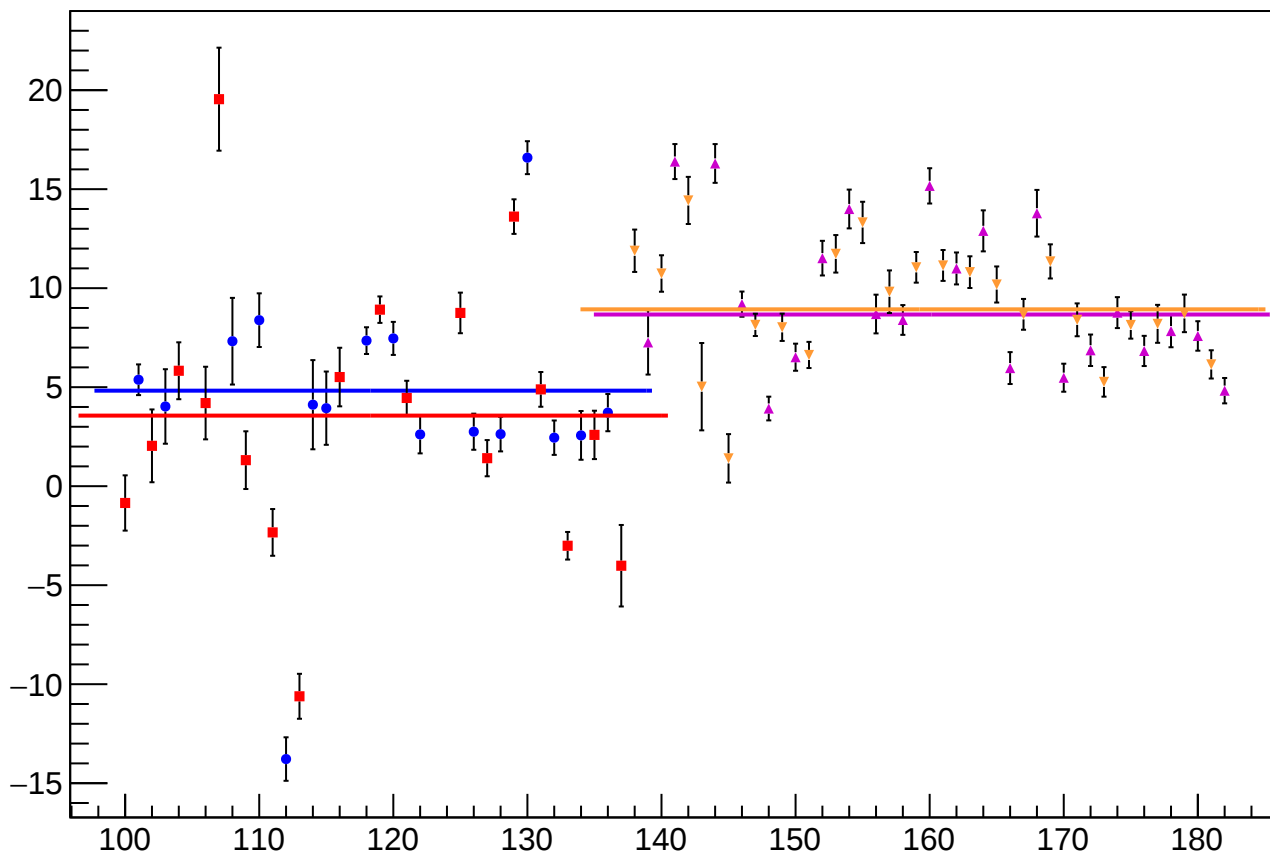
Right: 29.515 $\pm$ 0.290 χ^2 /NDF: 3614.7/33

In: 10.718 $\pm$ 0.175 χ^2 /NDF:4948.8/37

Out: 11.786 $\pm$ 0.180 χ^2 /NDF:5844.9/40

All: 11.237 $\pm$ 0.125 χ^2 /NDF: 10811.8/78

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 549.2/15

Left Out: 8.932 $\pm$ 0.175 χ^2 /NDF:189.4/22

Right Out: 3.564 $\pm$ 0.254 χ^2 /NDF: 570.2/17

Left In: 8.670 $\pm$ 0.172 χ^2 /NDF:430.3/21

Left: 8.798 $\pm$ 0.123 χ^2 /NDF: 620.8/44

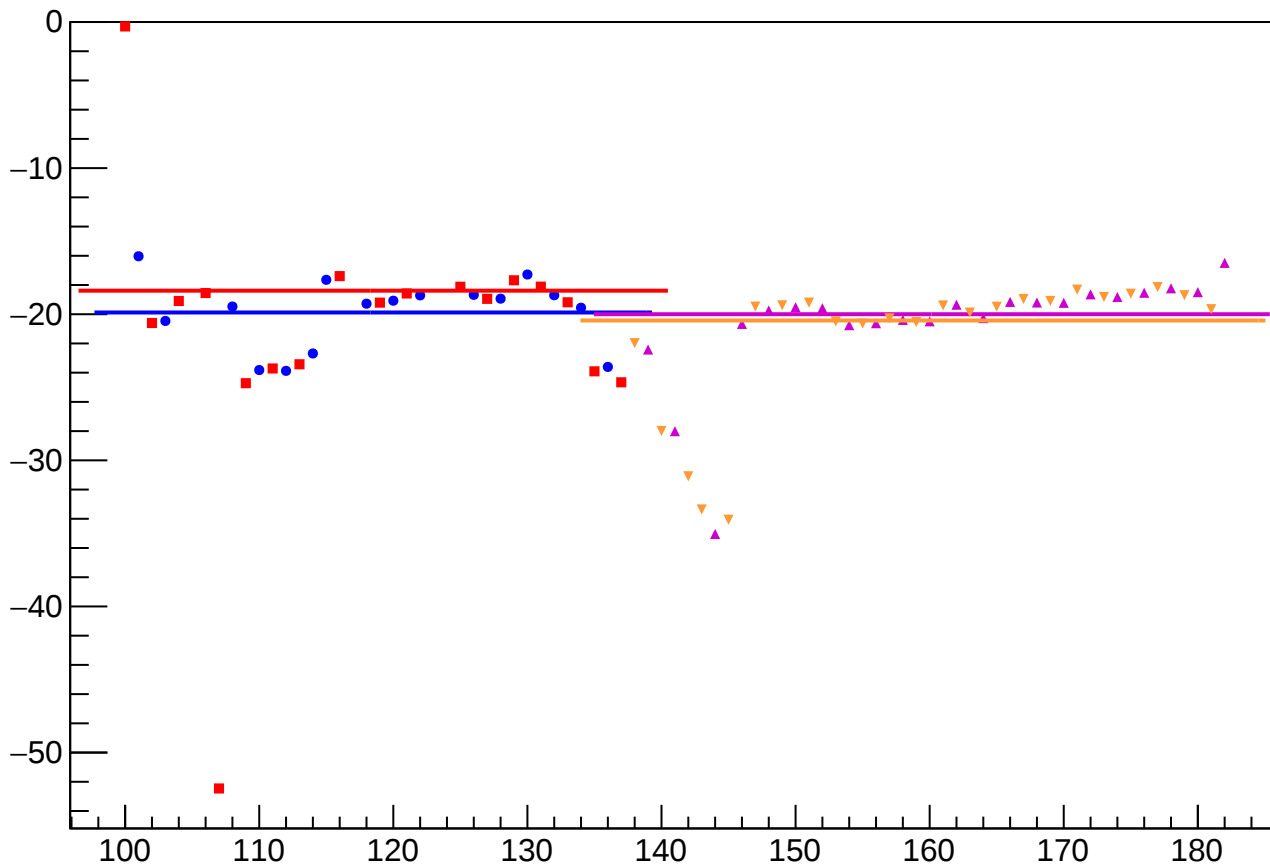
Right: 4.201 $\pm$ 0.179 χ^2 /NDF: 1131.9/33

In: 7.447 $\pm$ 0.142 χ^2 /NDF:1139.0/37

Out: 7.208 $\pm$ 0.144 χ^2 /NDF:1061.8/40

All: 7.330 $\pm$ 0.101 χ^2 /NDF: 2202.2/78

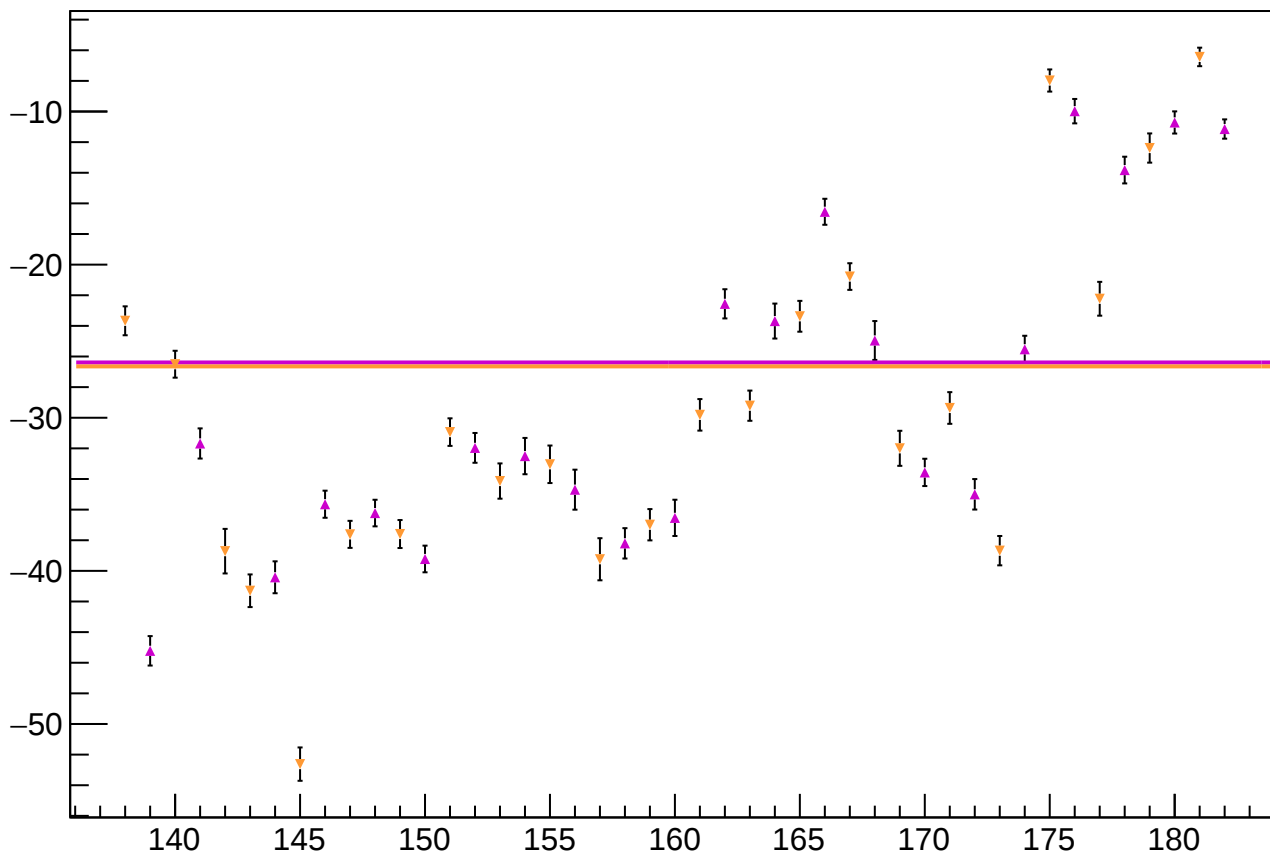
reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 ± 0.016 $\chi^2/\text{NDF}: 26082.0/15$
 Left Out: -20.428 ± 0.008 $\chi^2/\text{NDF}: 163342.5/22$
 Right Out: -18.387 ± 0.015 $\chi^2/\text{NDF}: 301256.3/17$
 Left In: -19.999 ± 0.008 $\chi^2/\text{NDF}: 140095.1/21$

Left: -20.205 ± 0.006 $\chi^2/\text{NDF}: 304843.8/44$
 Right: -19.093 ± 0.011 $\chi^2/\text{NDF}: 332185.5/33$
 In: -19.975 ± 0.007 $\chi^2/\text{NDF}: 166223.5/37$
 Out: -19.942 ± 0.007 $\chi^2/\text{NDF}: 479197.6/40$
 All: -19.959 ± 0.005 $\chi^2/\text{NDF}: 645431.9/78$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Left: -26.516+/-0.141 χ^2/NDF : 7041.7/44

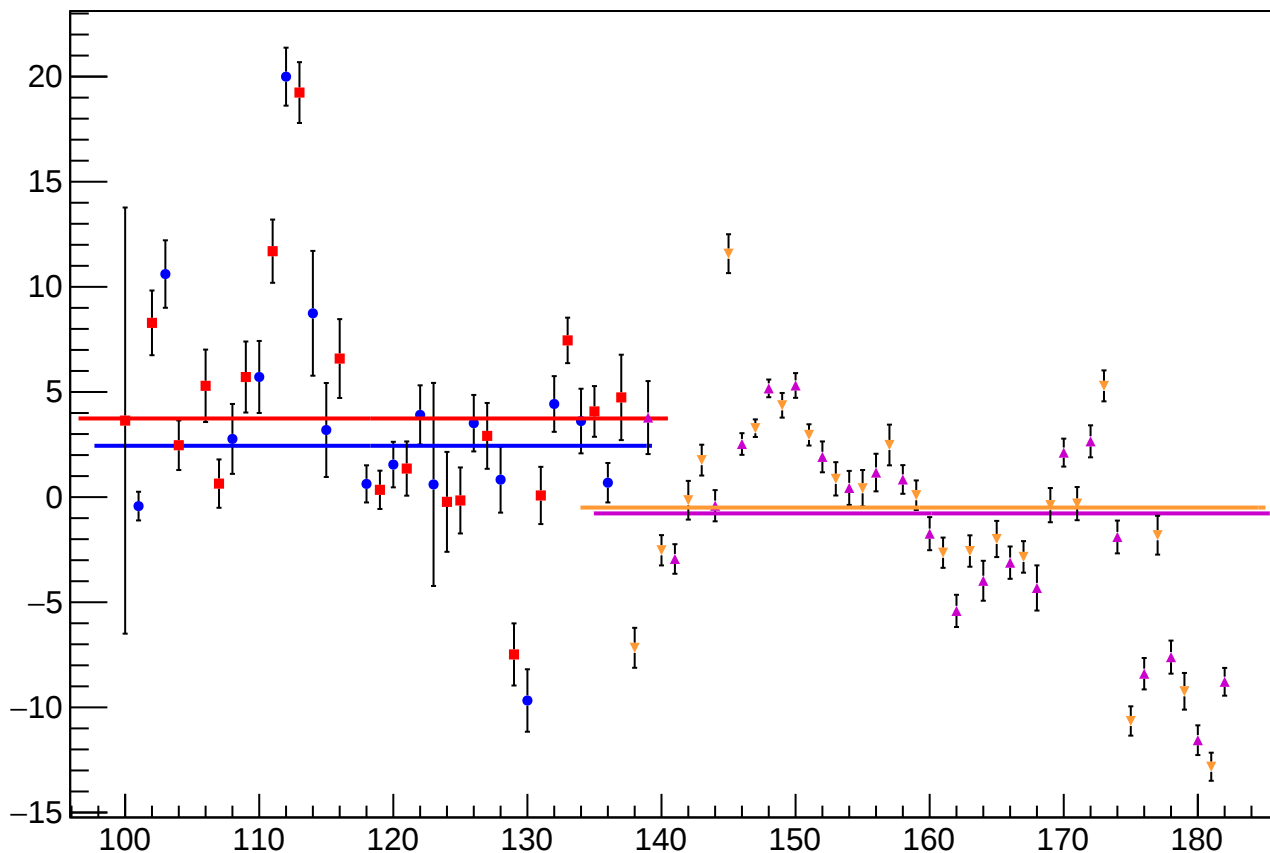
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.390+/-0.197 χ^2/NDF : 3347.1/21

Out: -26.646+/-0.201 χ^2/NDF : 3693.7/22

All: -26.516+/-0.141 χ^2/NDF : 7041.7/44

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 $\chi^2/\text{NDF}: 294.7/16$

Left Out: -0.497 ± 0.150 $\chi^2/\text{NDF}: 1194.6/22$

Right Out: 3.740 ± 0.326 $\chi^2/\text{NDF}: 268.1/18$

Left In: -0.775 ± 0.151 $\chi^2/\text{NDF}: 1060.6/21$

Left: -0.634 ± 0.107 $\chi^2/\text{NDF}: 2256.9/44$

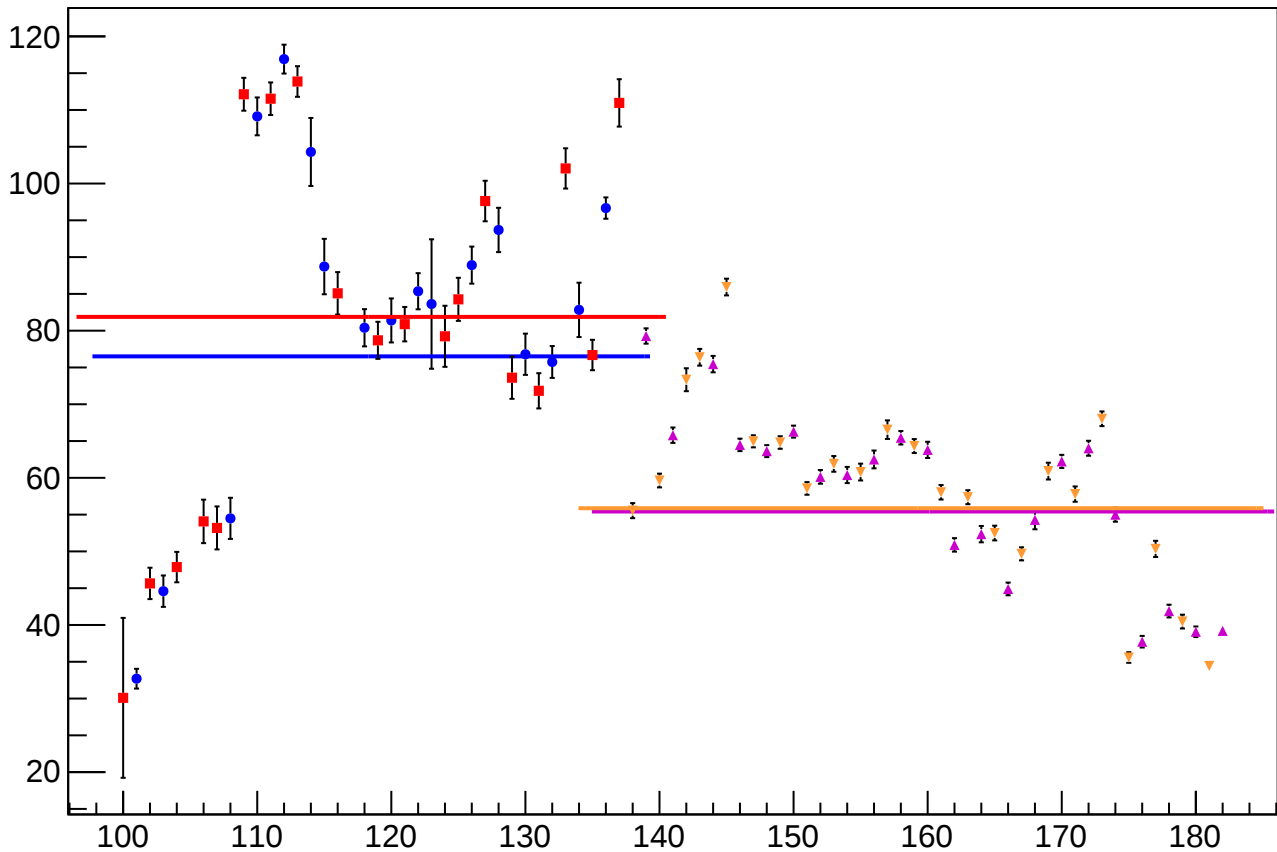
Right: 3.060 ± 0.225 $\chi^2/\text{NDF}: 571.1/35$

In: -0.159 ± 0.136 $\chi^2/\text{NDF}: 1441.6/38$

Out: 0.243 ± 0.136 $\chi^2/\text{NDF}: 1601.8/41$

All: 0.041 ± 0.096 $\chi^2/\text{NDF}: 3047.7/80$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.509 $\pm$ 0.574 χ^2 /NDF: 2250.9/16

Left Out: 55.869 $\pm$ 0.200 χ^2 /NDF: 4092.9/22

Right Out: 81.875 $\pm$ 0.592 χ^2 /NDF: 1570.7/18

Left In: 55.423 $\pm$ 0.195 χ^2 /NDF: 3786.4/21

Left: 55.641 $\pm$ 0.140 χ^2 /NDF: 7881.8/44

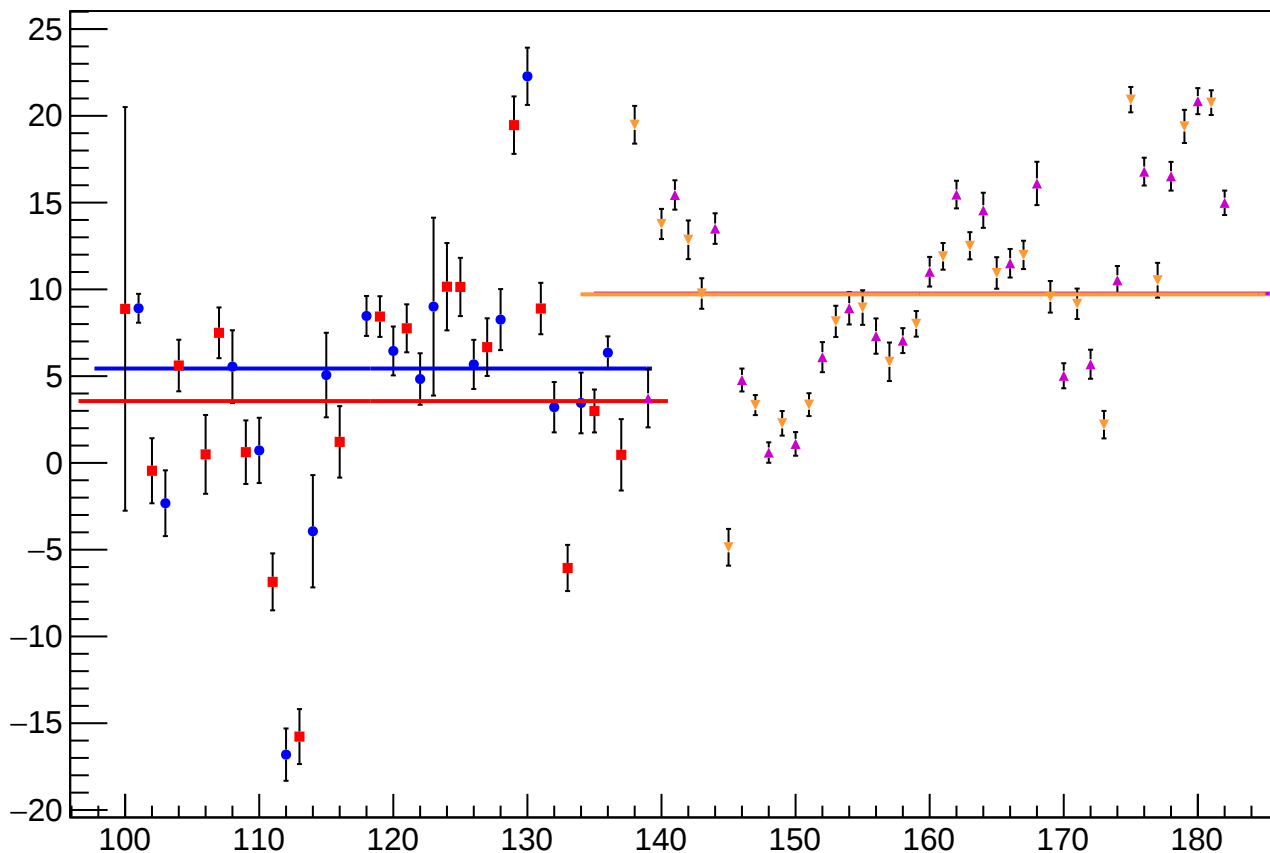
Right: 79.111 $\pm$ 0.412 χ^2 /NDF: 3864.0/35

In: 57.612 $\pm$ 0.185 χ^2 /NDF: 7246.1/38

Out: 58.523 $\pm$ 0.189 χ^2 /NDF: 7398.1/41

All: 58.058 $\pm$ 0.132 χ^2 /NDF: 14656.0/80

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 $\pm$ 0.358 χ^2 /NDF: 386.2/16

Left Out: 9.714 $\pm$ 0.173 χ^2 /NDF:1346.6/22

Right Out: 3.563 $\pm$ 0.375 χ^2 /NDF: 420.8/18

Left In: 9.758 $\pm$ 0.173 χ^2 /NDF:1165.1/21

Left: 9.736 $\pm$ 0.122 χ^2 /NDF: 2511.8/44

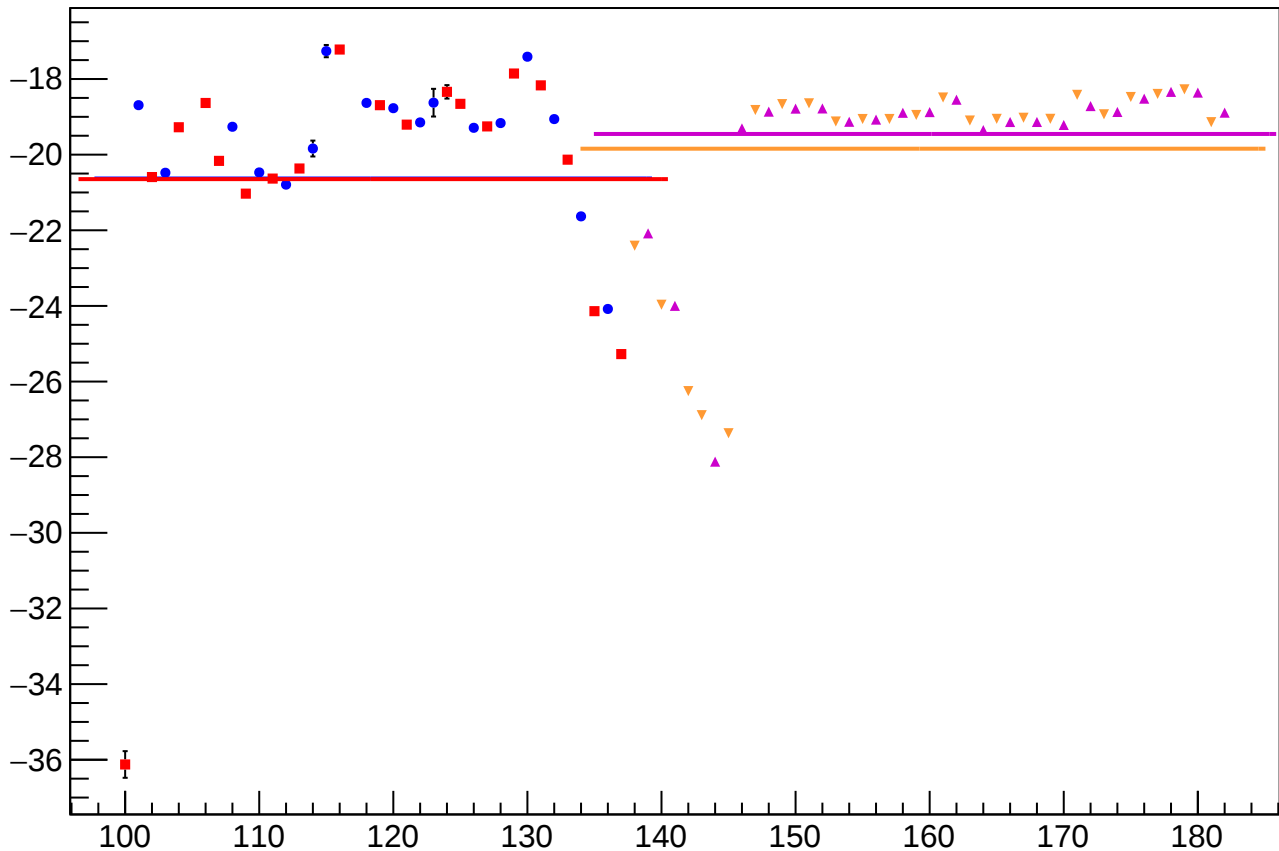
Right: 4.545 $\pm$ 0.259 χ^2 /NDF: 820.1/35

In: 8.939 $\pm$ 0.156 χ^2 /NDF:1669.4/38

Out: 8.635 $\pm$ 0.157 χ^2 /NDF:1989.3/41

All: 8.789 $\pm$ 0.111 χ^2 /NDF: 3660.6/80

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -19.843 ± 0.008 $\chi^2/\text{NDF}: 90425.1/22$

Right Out: -20.647 ± 0.019 $\chi^2/\text{NDF}: 13908.9/18$

Left In: -19.453 ± 0.008 $\chi^2/\text{NDF}: 54020.7/21$

Left: -19.644 ± 0.006 $\chi^2/\text{NDF}: 145602.8/44$

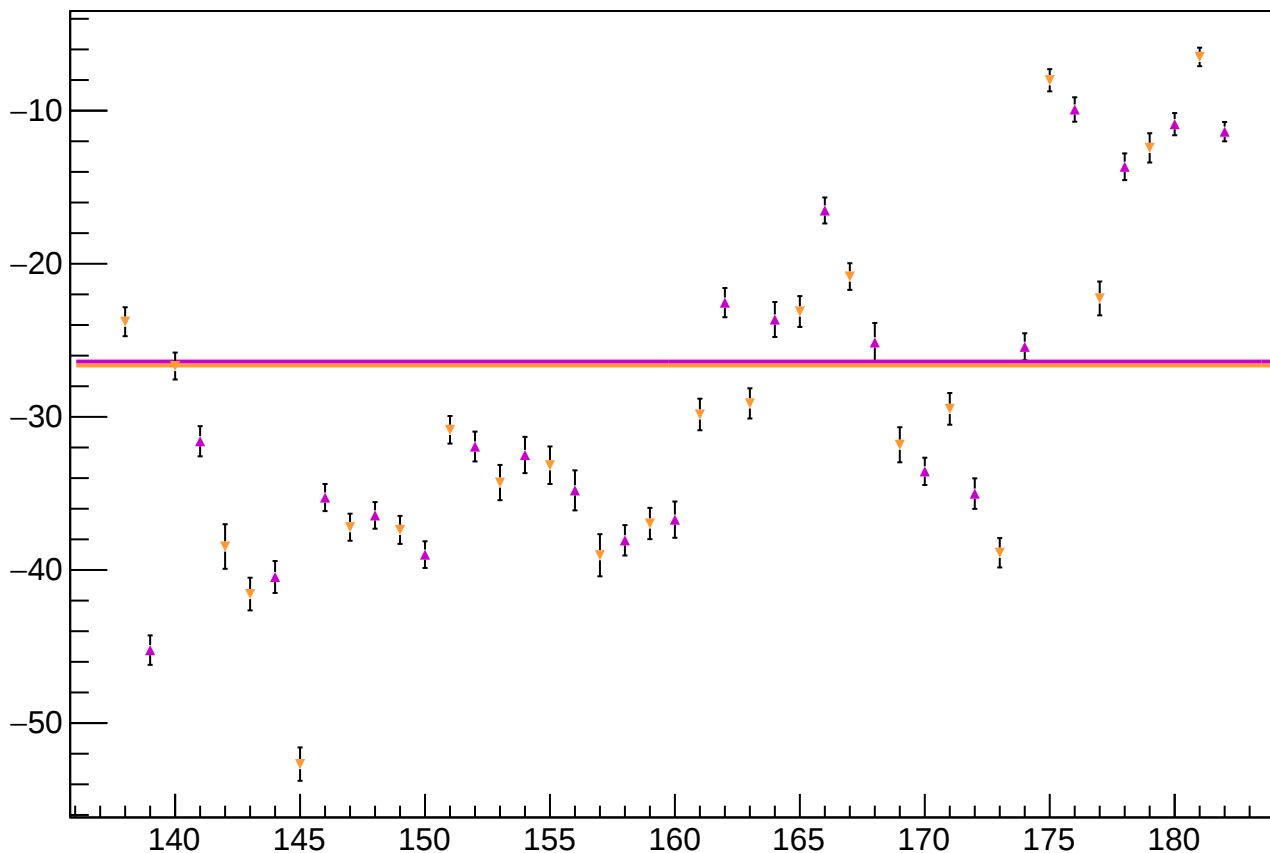
Right: -20.639 ± 0.014 $\chi^2/\text{NDF}: 26410.8/35$

In: -19.626 ± 0.007 $\chi^2/\text{NDF}: 69703.6/38$

Out: -19.964 ± 0.008 $\chi^2/\text{NDF}: 105790.8/41$

All: -19.792 ± 0.005 $\chi^2/\text{NDF}: 176514.8/80$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -26.643+/-0.201 χ^2/NDF :3672.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.389+/-0.197 χ^2/NDF :3313.2/21

Left: -26.514+/-0.141 χ^2/NDF : 6986.8/44

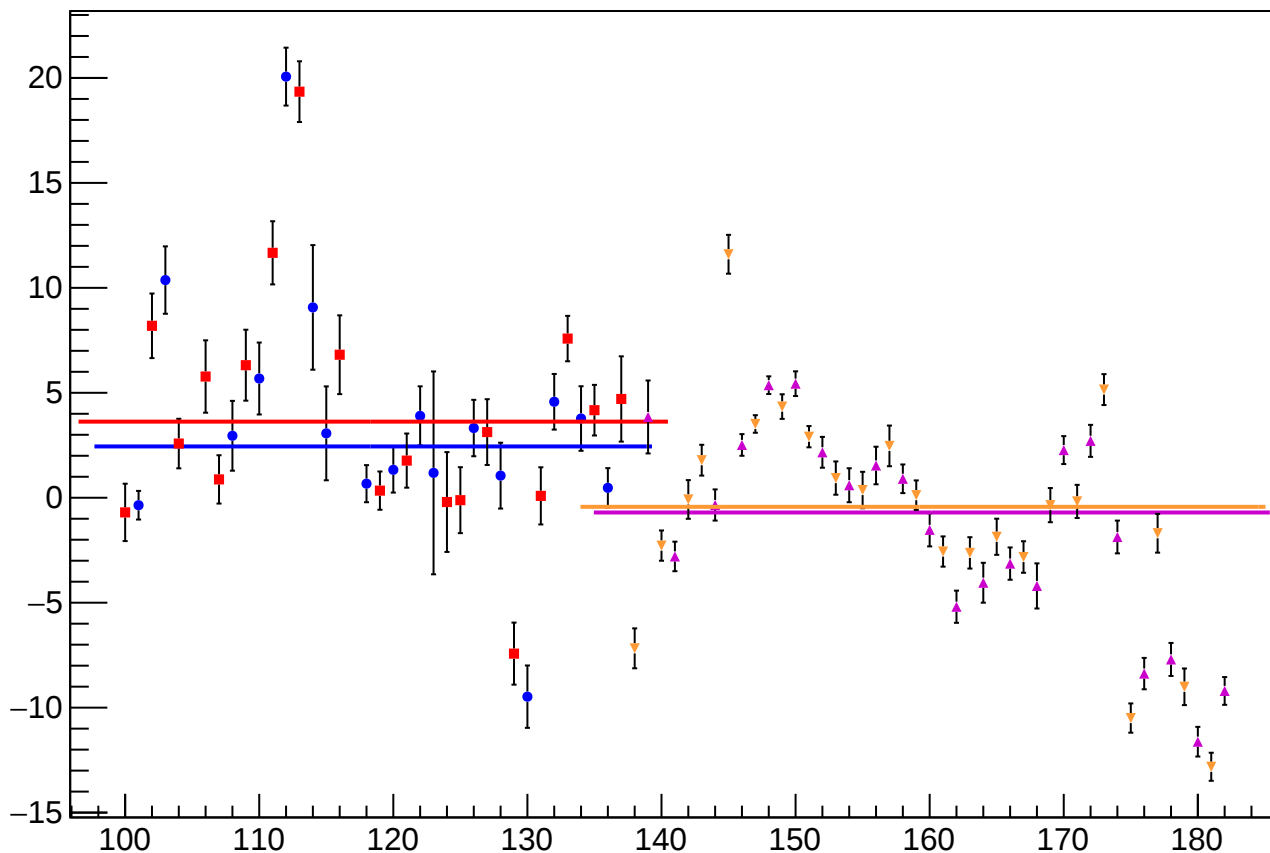
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.389+/-0.197 χ^2/NDF :3313.2/21

Out: -26.643+/-0.201 χ^2/NDF :3672.7/22

All: -26.514+/-0.141 χ^2/NDF : 6986.8/44

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 $\chi^2/\text{NDF}: 292.7/16$

Left Out: -0.433 ± 0.150 $\chi^2/\text{NDF}: 1185.5/22$

Right Out: 3.626 ± 0.318 $\chi^2/\text{NDF}: 278.9/18$

Left In: -0.703 ± 0.152 $\chi^2/\text{NDF}: 1099.4/21$

Left: -0.567 ± 0.107 $\chi^2/\text{NDF}: 2286.5/44$

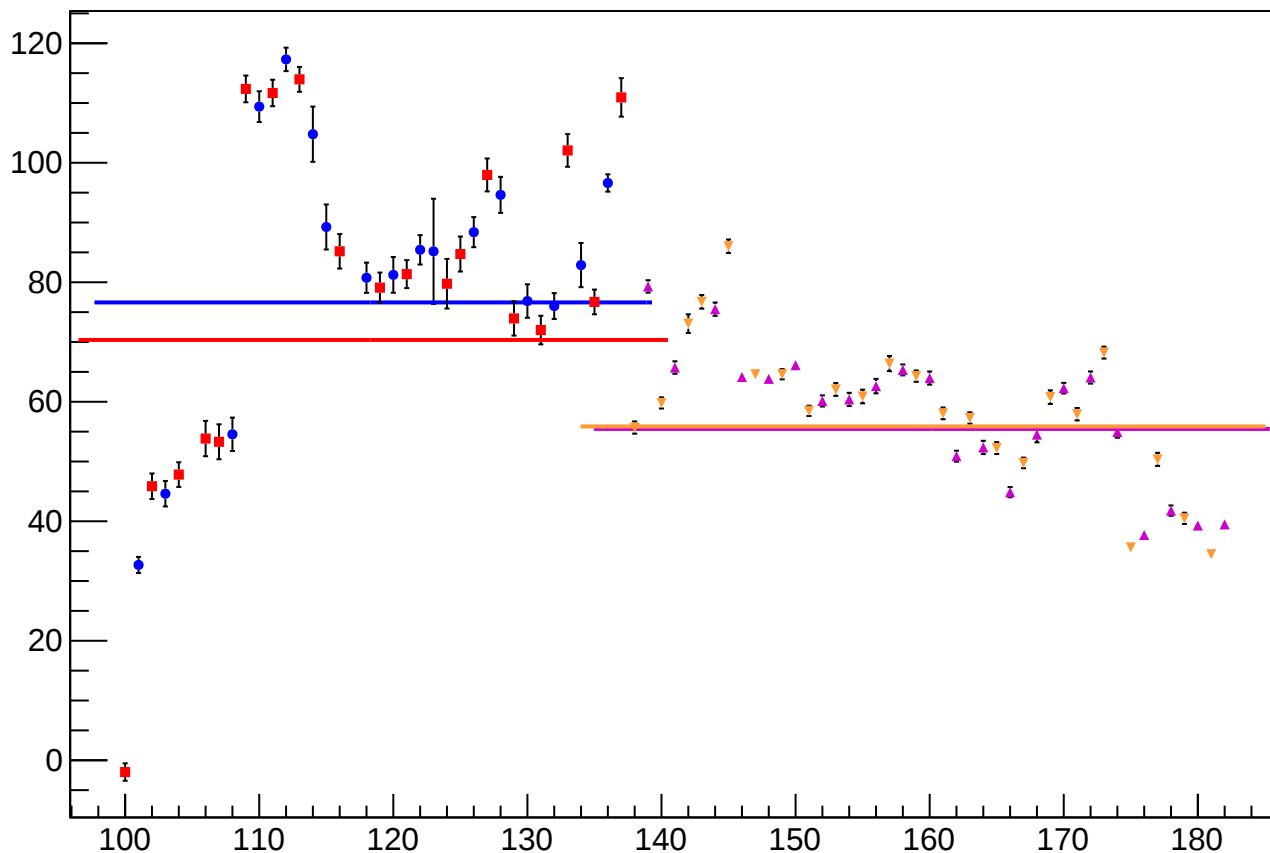
Right: 3.024 ± 0.223 $\chi^2/\text{NDF}: 578.6/35$

In: -0.100 ± 0.136 $\chi^2/\text{NDF}: 1474.6/38$

Out: 0.308 ± 0.136 $\chi^2/\text{NDF}: 1597.7/41$

All: 0.104 ± 0.096 $\chi^2/\text{NDF}: 3076.8/80$

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.626 $\pm$ 0.574 χ^2/NDF : 2262.8/16

Left Out: 55.868 $\pm$ 0.200 χ^2/NDF :4081.7/22

Right Out: 70.347 $\pm$ 0.550 χ^2/NDF : 4388.1/18

Left In: 55.451 $\pm$ 0.196 χ^2/NDF :3746.8/21

Left: 55.655 $\pm$ 0.140 χ^2/NDF : 7830.7/44

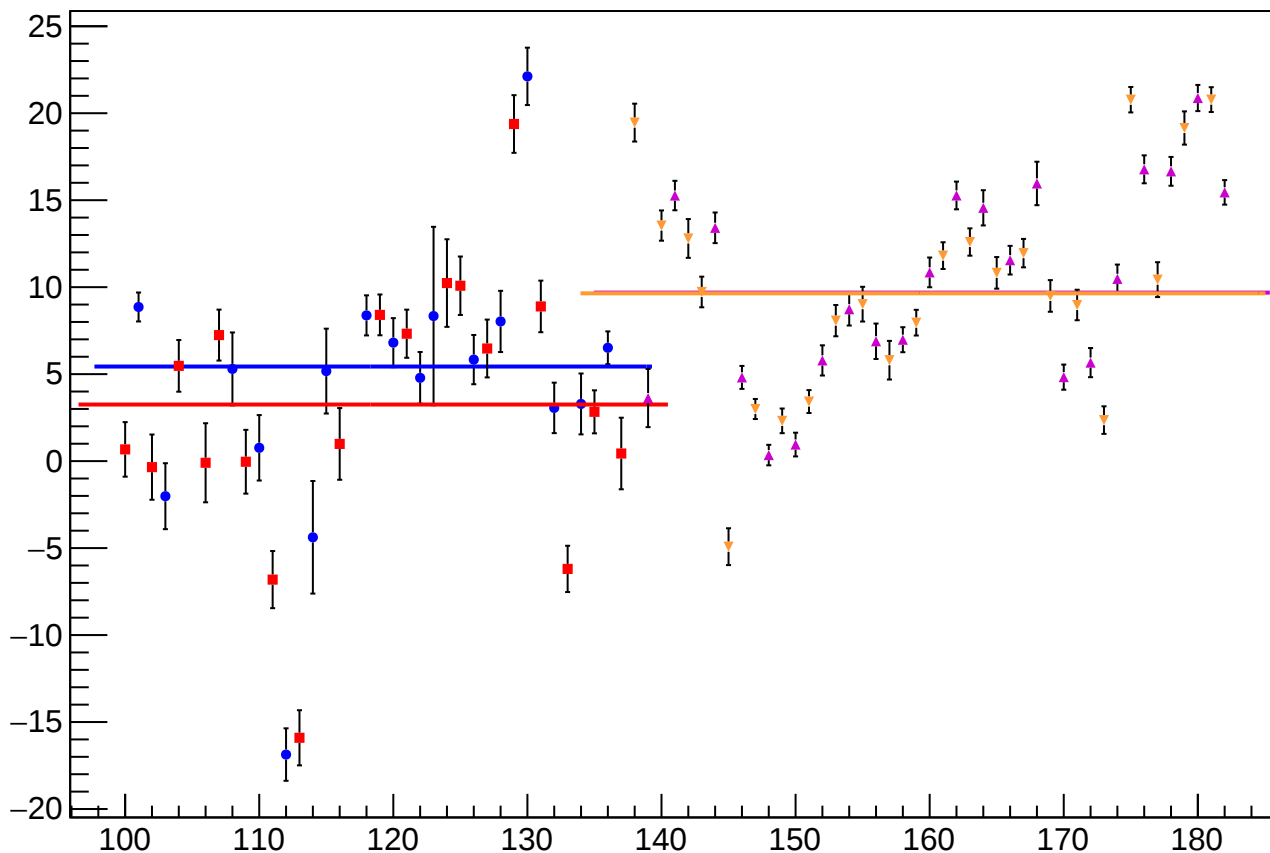
Right: 73.348 $\pm$ 0.397 χ^2/NDF : 6713.3/35

In: 57.650 $\pm$ 0.185 χ^2/NDF :7227.2/38

Out: 57.555 $\pm$ 0.188 χ^2/NDF :9082.9/41

All: 57.603 $\pm$ 0.132 χ^2/NDF : 16310.3/80

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 9.646 ± 0.173 $\chi^2/\text{NDF}: 1340.3/22$

Right Out: 3.253 ± 0.365 $\chi^2/\text{NDF}: 423.7/18$

Left In: 9.687 ± 0.173 $\chi^2/\text{NDF}: 1197.3/21$

Left: 9.666 ± 0.122 $\chi^2/\text{NDF}: 2537.6/44$

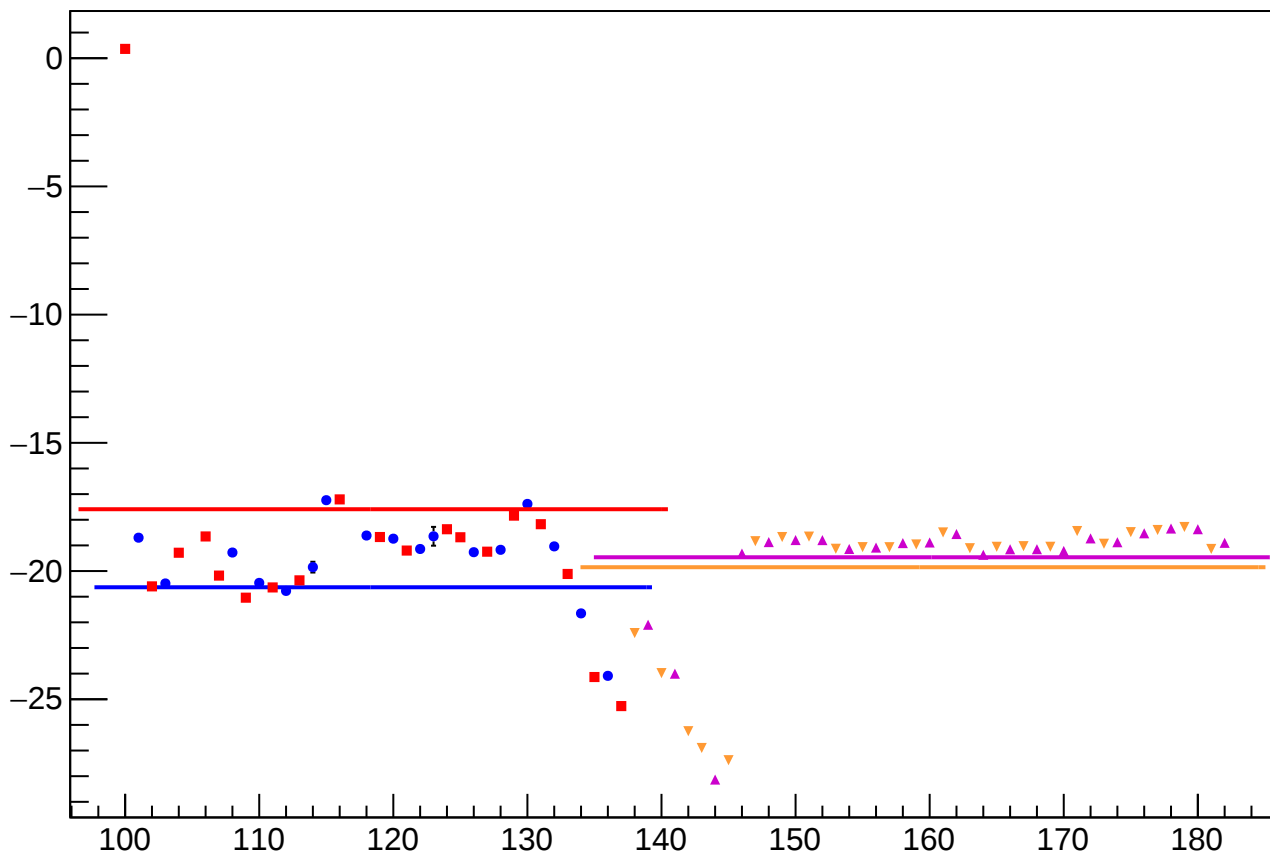
Right: 4.367 ± 0.256 $\chi^2/\text{NDF}: 826.5/35$

In: 8.881 ± 0.156 $\chi^2/\text{NDF}: 1696.0/38$

Out: 8.473 ± 0.156 $\chi^2/\text{NDF}: 2014.3/41$

All: 8.678 ± 0.110 $\chi^2/\text{NDF}: 3713.7/80$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 $\pm$ 0.019 χ^2 /NDF: 12543.2/16

Left Out: -19.851 $\pm$ 0.008 χ^2 /NDF: 90311.4/22

Right Out: -17.589 $\pm$ 0.018 χ^2 /NDF: 178672.3/18

Left In: -19.463 $\pm$ 0.008 χ^2 /NDF: 53975.8/21

Left: -19.653 $\pm$ 0.006 χ^2 /NDF: 145434.4/44

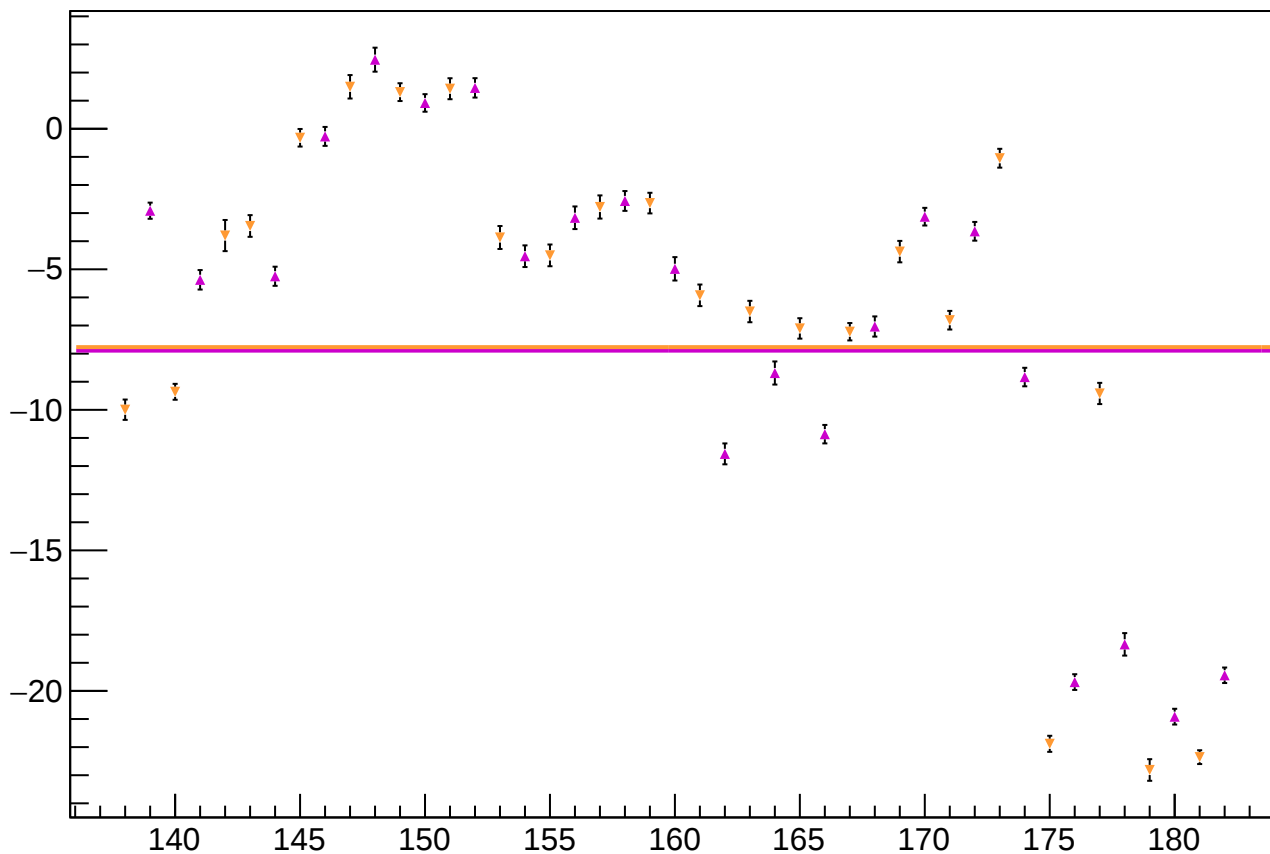
Right: -19.006 $\pm$ 0.013 χ^2 /NDF: 204500.0/35

In: -19.635 $\pm$ 0.007 χ^2 /NDF: 69650.2/38

Out: -19.463 $\pm$ 0.007 χ^2 /NDF: 282048.5/41

All: -19.550 $\pm$ 0.005 χ^2 /NDF: 351964.5/80

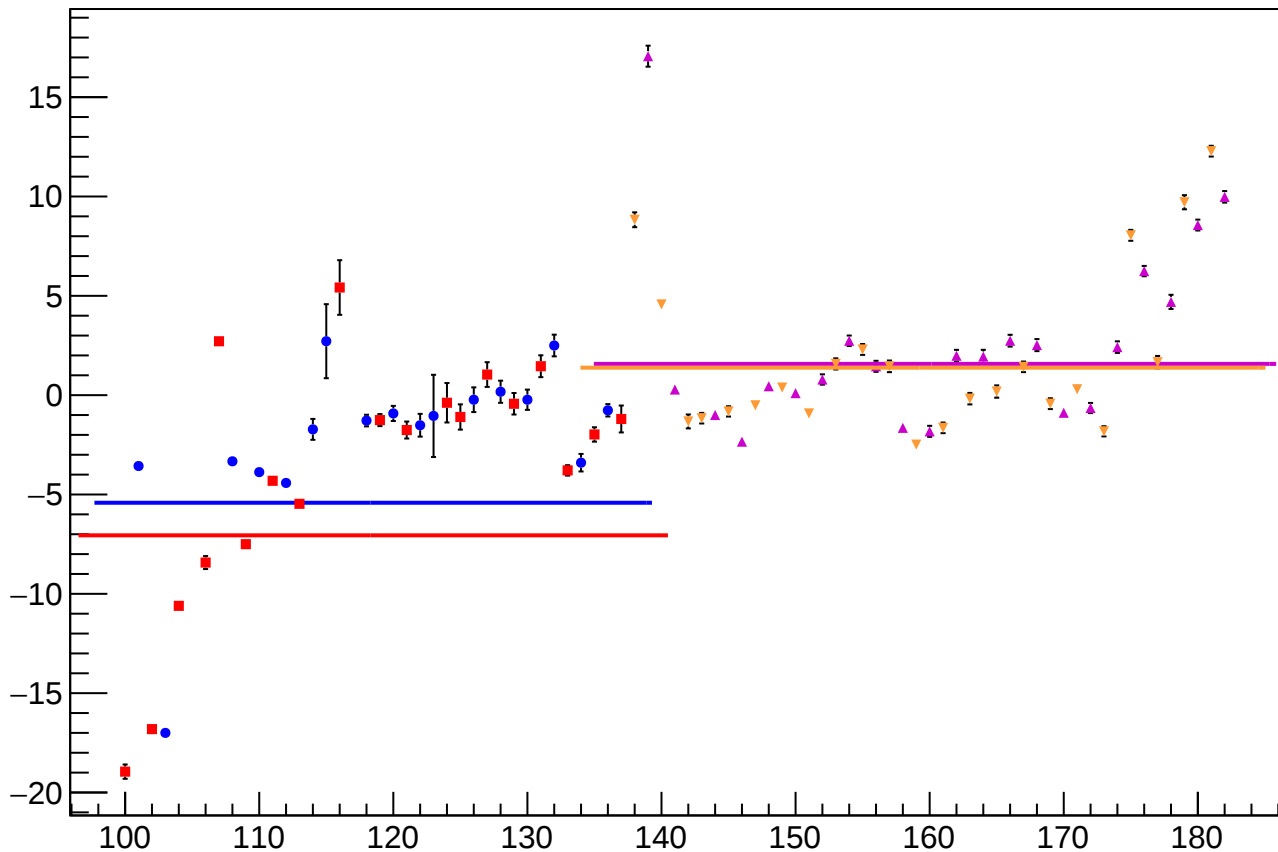
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.769+/-0.073 χ^2/NDF :11273.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.893+/-0.072 χ^2/NDF :10499.4/21

Left: -7.832+/-0.051 χ^2/NDF : 21774.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.893+/-0.072 χ^2/NDF :10499.4/21
 Out: -7.769+/-0.073 χ^2/NDF :11273.7/22
 All: -7.832+/-0.051 χ^2/NDF : 21774.6/44

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 1.384 ± 0.056 χ^2/NDF : 4403.9/22

Right Out: -7.056 ± 0.059 χ^2/NDF : 12334.0/18

Left In: 1.574 ± 0.057 χ^2/NDF : 3868.0/21

Left: 1.477 ± 0.040 χ^2/NDF : 8277.7/44

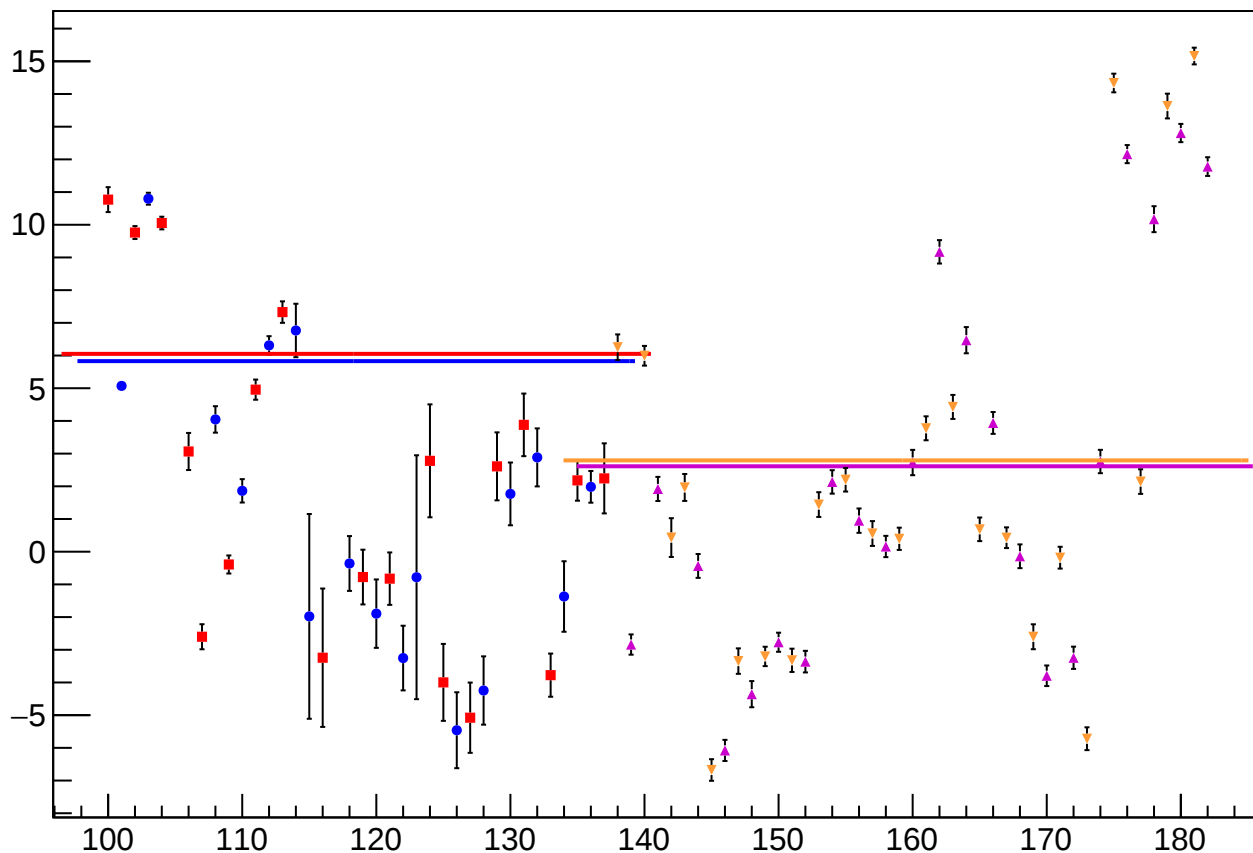
Right: -6.174 ± 0.040 χ^2/NDF : 22004.4/35

In: -2.047 ± 0.039 χ^2/NDF : 20975.3/38

Out: -2.583 ± 0.040 χ^2/NDF : 27576.6/41

All: -2.308 ± 0.028 χ^2/NDF : 48642.1/80

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 2.792 ± 0.073 $\chi^2/\text{NDF}: 7872.0/22$

Right Out: 6.051 ± 0.093 $\chi^2/\text{NDF}: 2674.1/18$

Left In: 2.612 ± 0.072 $\chi^2/\text{NDF}: 7281.0/21$

Left: 2.701 ± 0.051 $\chi^2/\text{NDF}: 15156.1/44$

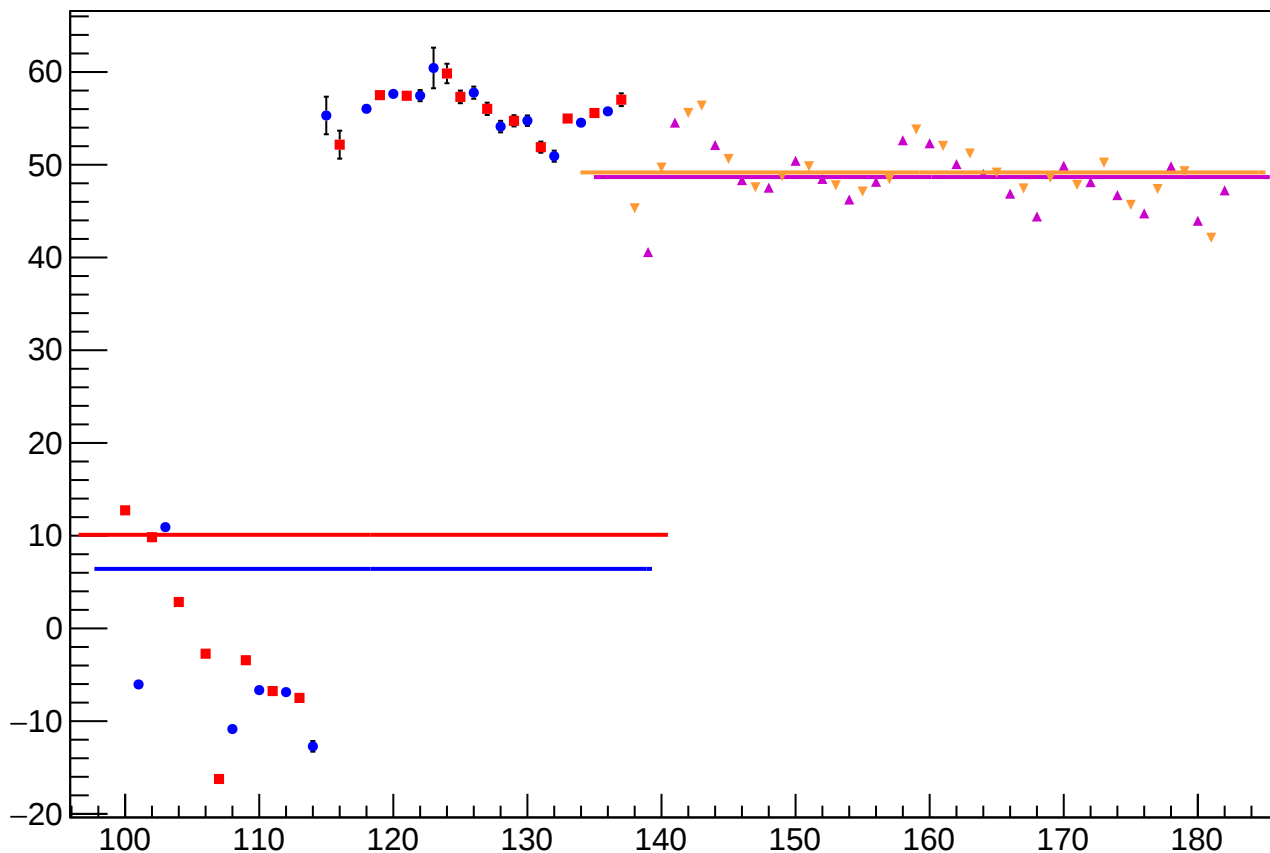
Right: 5.936 ± 0.065 $\chi^2/\text{NDF}: 4125.3/35$

In: 3.867 ± 0.056 $\chi^2/\text{NDF}: 9514.9/38$

Out: 4.021 ± 0.057 $\chi^2/\text{NDF}: 11306.1/41$

All: 3.943 ± 0.040 $\chi^2/\text{NDF}: 20824.6/80$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 $\pm$ 0.065 χ^2/NDF : 123109.7/16

Left Out: 49.171 $\pm$ 0.063 χ^2/NDF :2244.4/22

Right Out: 10.096 $\pm$ 0.070 χ^2/NDF : 122124.3/18

Left In: 48.672 $\pm$ 0.064 χ^2/NDF :2056.1/21

Left: 48.924 $\pm$ 0.045 χ^2/NDF : 4331.3/44

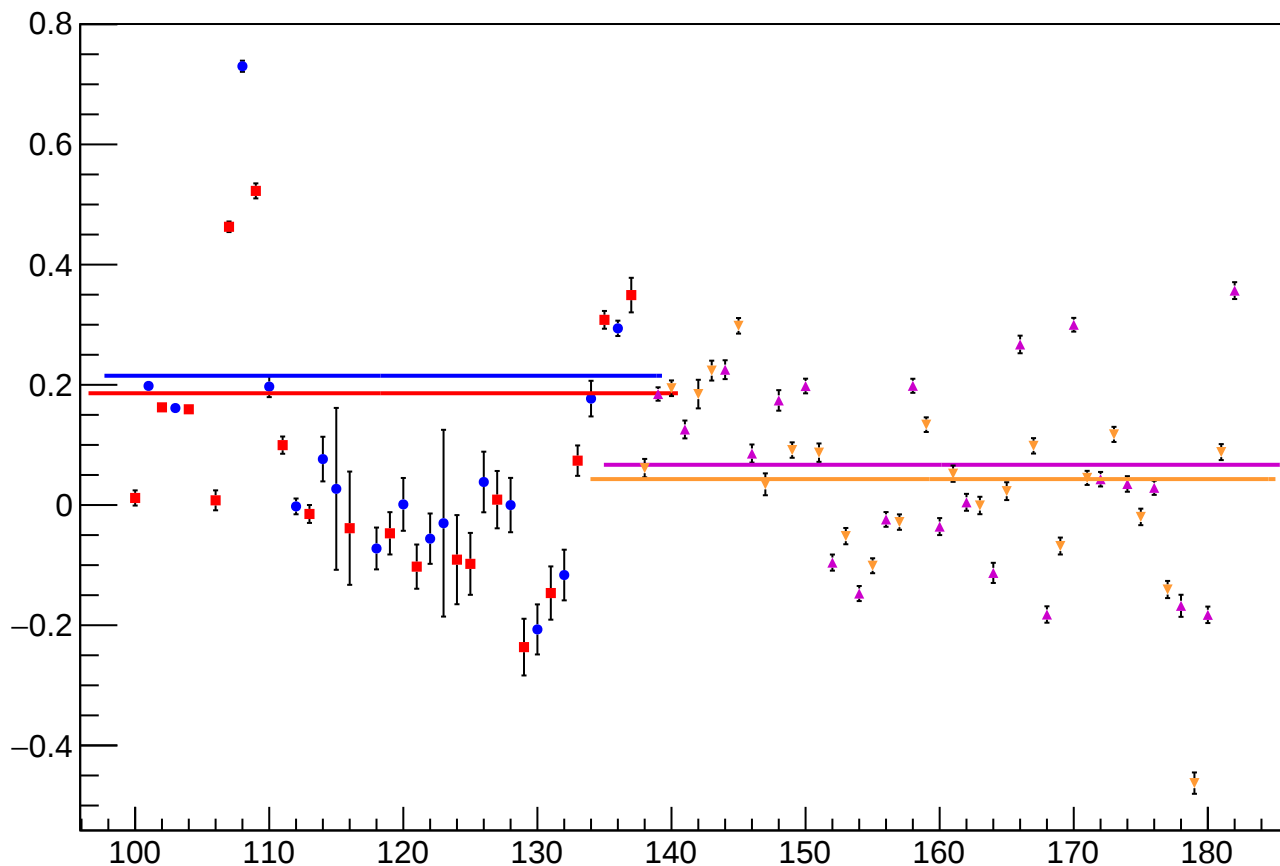
Right: 8.122 $\pm$ 0.047 χ^2/NDF : 246726.1/35

In: 27.783 $\pm$ 0.046 χ^2/NDF :340564.9/38

Out: 31.507 $\pm$ 0.047 χ^2/NDF :296524.3/41

All: 29.590 $\pm$ 0.033 χ^2/NDF : 640337.1/80

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.043 $\pm$ 0.003 χ^2 /NDF:2107.9/22

Right Out: 0.186 $\pm$ 0.003 χ^2 /NDF: 2719.3/18

Left In: 0.067 $\pm$ 0.003 χ^2 /NDF:3070.8/21

Left: 0.055 $\pm$ 0.002 χ^2 /NDF: 5212.7/44

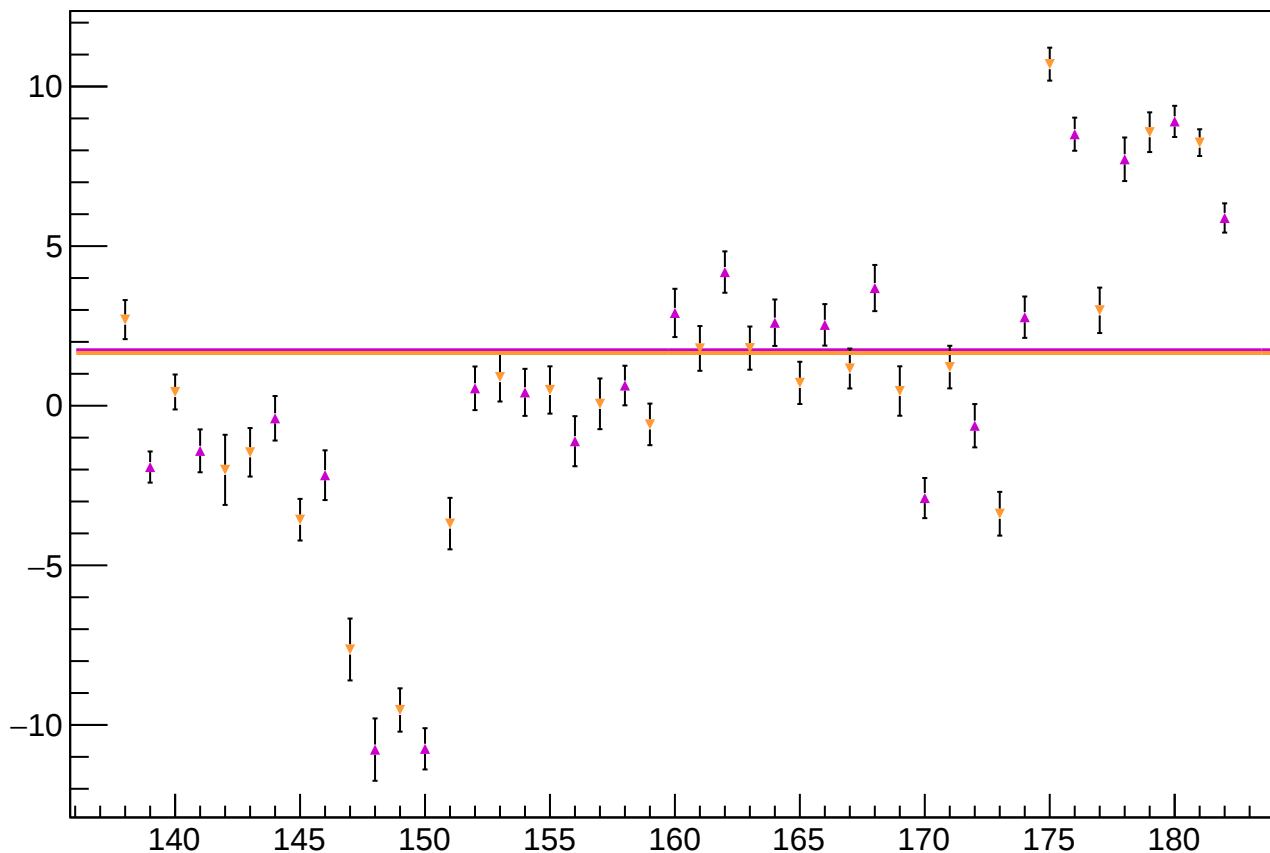
Right: 0.200 $\pm$ 0.002 χ^2 /NDF: 6703.5/35

In: 0.144 $\pm$ 0.002 χ^2 /NDF:8380.3/38

Out: 0.120 $\pm$ 0.002 χ^2 /NDF:6128.1/41

All: 0.132 $\pm$ 0.001 χ^2 /NDF: 14577.8/80

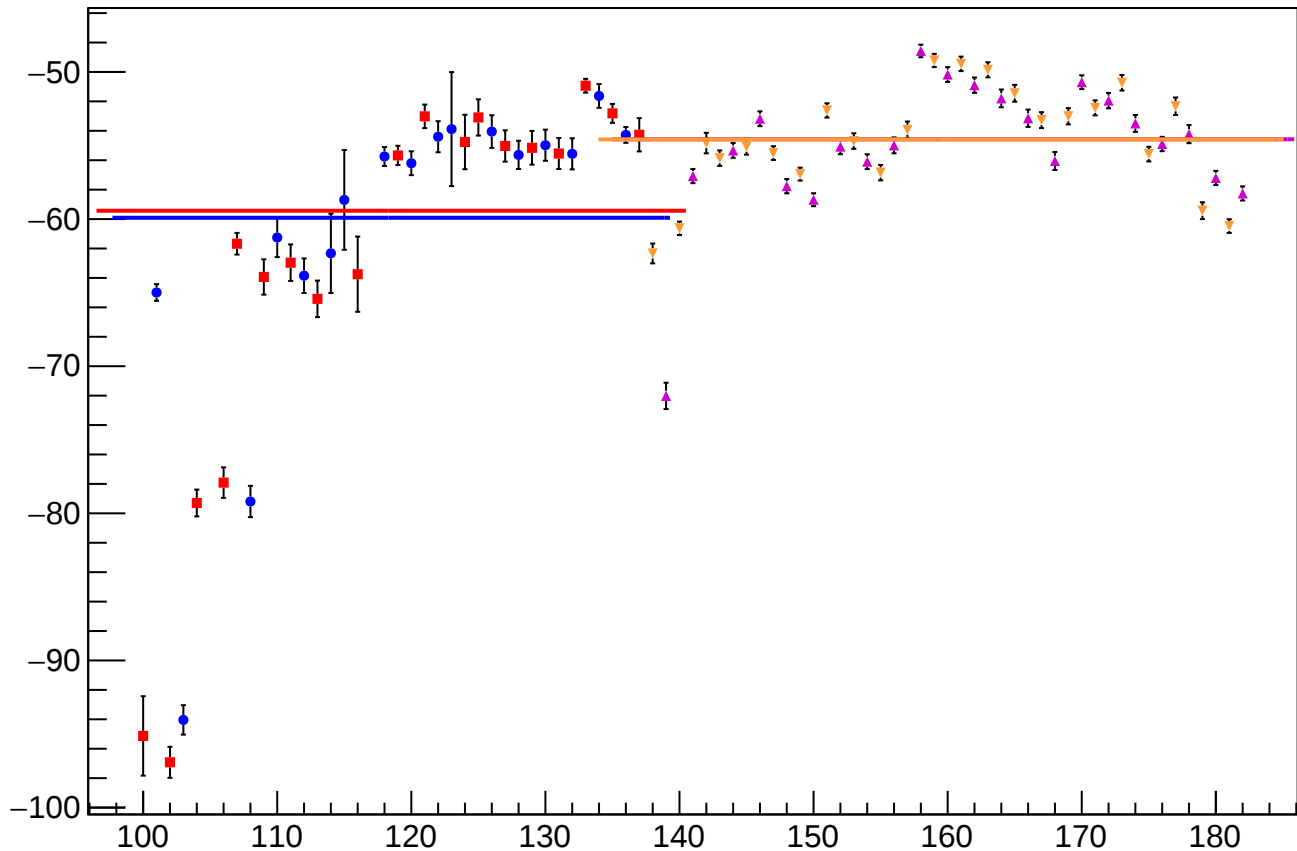
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.736 $\pm$ 0.136 χ^2 /NDF:1312.7/21

Left: 1.695 $\pm$ 0.097 χ^2 /NDF: 2580.4/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.736 $\pm$ 0.136 χ^2 /NDF:1312.7/21
 Out: 1.652 $\pm$ 0.138 χ^2 /NDF:1267.5/22
 All: 1.695 $\pm$ 0.097 χ^2 /NDF: 2580.4/44

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: -54.588 ± 0.109 χ^2/NDF : 1084.0/22

Right Out: -59.432 ± 0.212 χ^2/NDF : 2918.9/18

Left In: -54.576 ± 0.111 χ^2/NDF : 1097.2/21

Left: -54.582 ± 0.077 χ^2/NDF : 2181.1/44

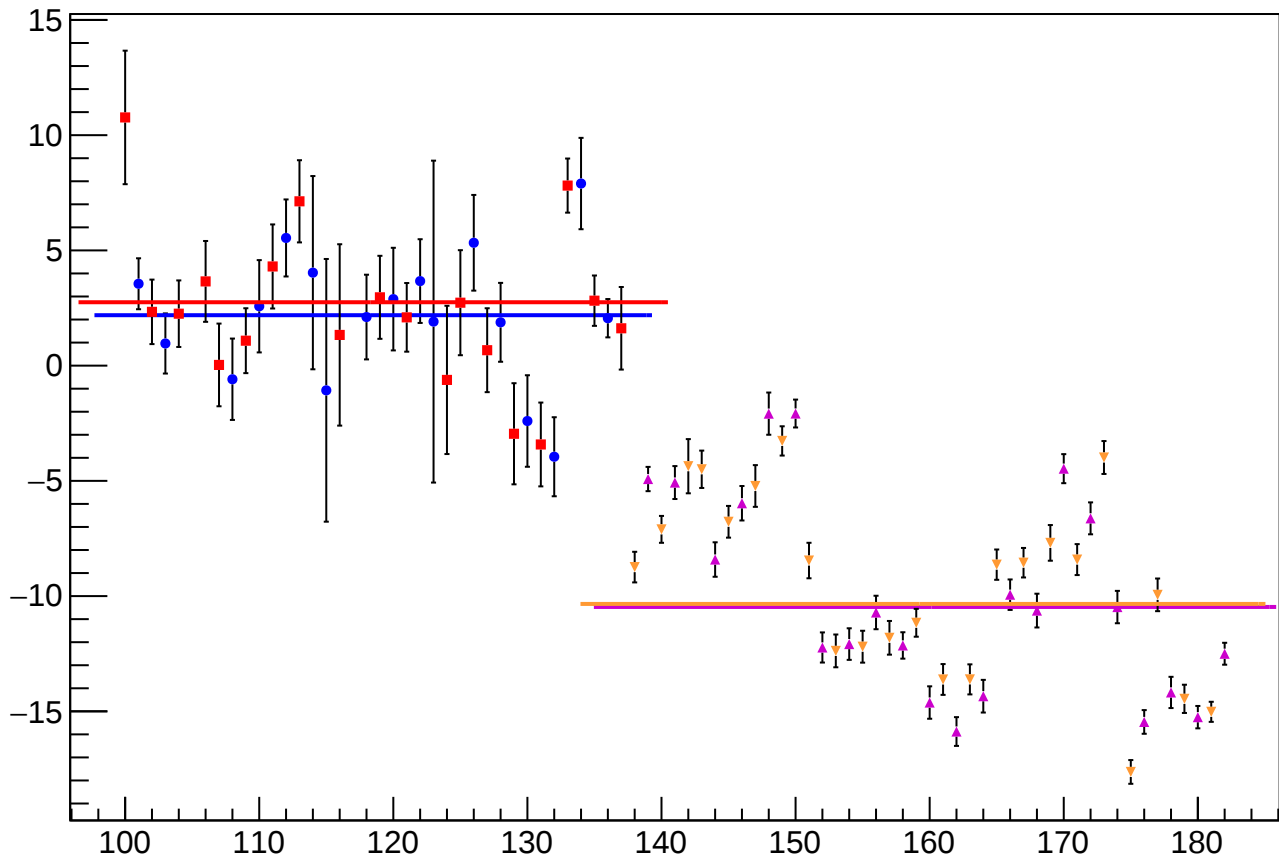
Right: -59.659 ± 0.154 χ^2/NDF : 4902.1/35

In: -55.627 ± 0.099 χ^2/NDF : 3536.7/38

Out: -55.597 ± 0.097 χ^2/NDF : 4417.5/41

All: -55.611 ± 0.069 χ^2/NDF : 7954.3/80

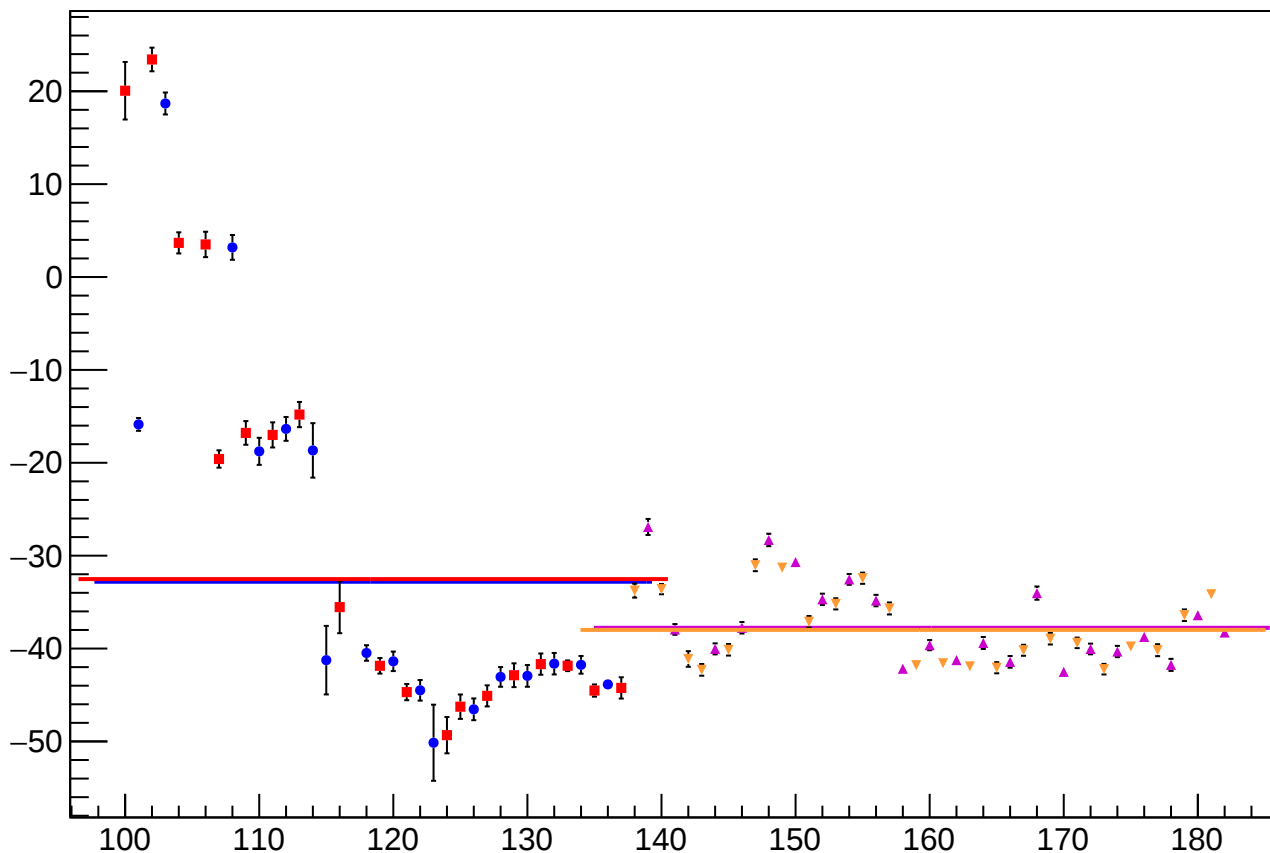
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -10.340 ± 0.138 $\chi^2/\text{NDF}: 848.7/22$
 Right Out: 2.751 ± 0.387 $\chi^2/\text{NDF}: 58.6/18$
 Left In: -10.471 ± 0.135 $\chi^2/\text{NDF}: 1011.1/21$

Left: -10.406 ± 0.097 $\chi^2/\text{NDF}: 1860.3/44$
 Right: 2.482 ± 0.280 $\chi^2/\text{NDF}: 98.7/35$
 In: -9.194 ± 0.128 $\chi^2/\text{NDF}: 1930.7/38$
 Out: -8.866 ± 0.130 $\chi^2/\text{NDF}: 1920.7/41$
 All: -9.032 ± 0.091 $\chi^2/\text{NDF}: 3854.7/80$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 χ^2/NDF : 4662.8/16

Left Out: -37.992 ± 0.122 χ^2/NDF : 945.5/22

Right Out: -32.522 ± 0.244 χ^2/NDF : 6040.2/18

Left In: -37.764 ± 0.123 χ^2/NDF : 1078.5/21

Left: -37.879 ± 0.087 χ^2/NDF : 2025.8/44

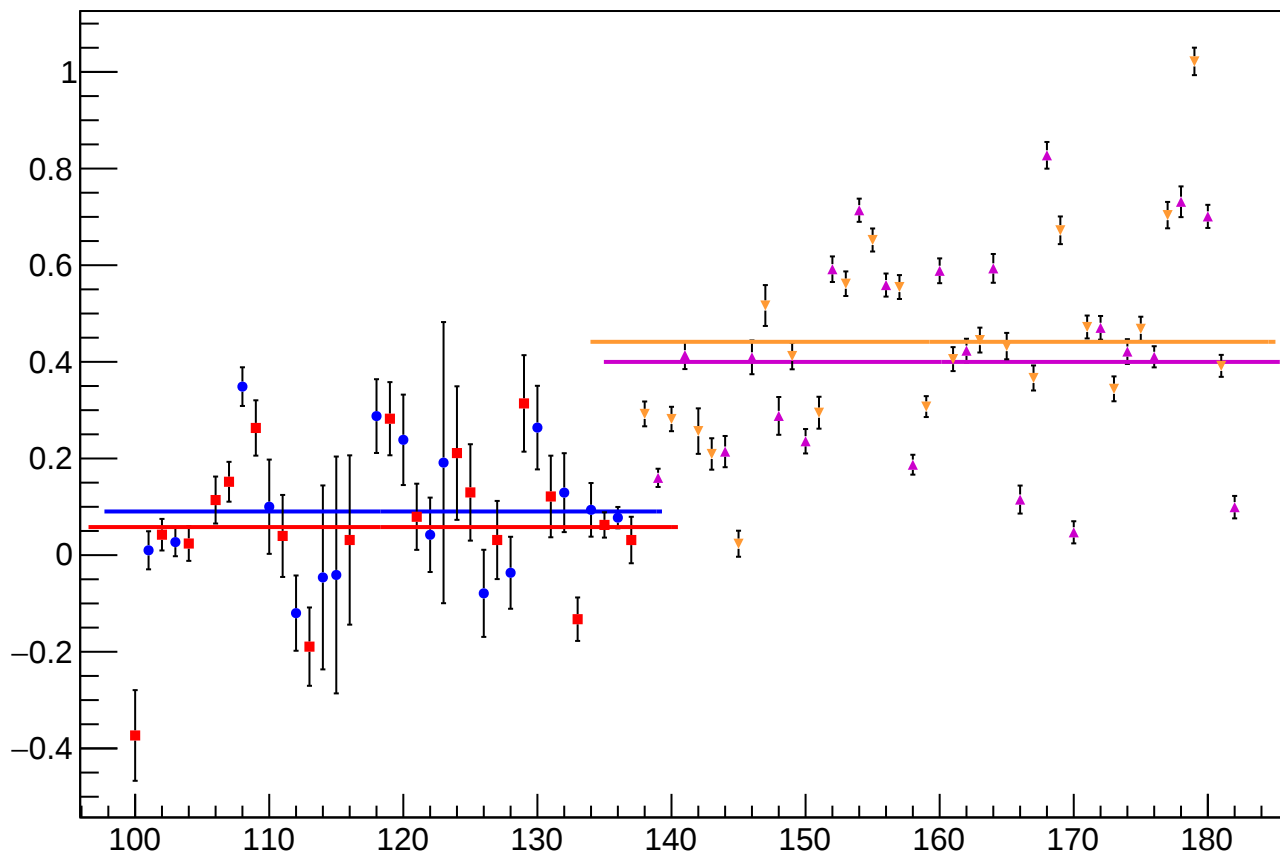
Right: -32.658 ± 0.176 χ^2/NDF : 10703.7/35

In: -36.822 ± 0.111 χ^2/NDF : 6049.3/38

Out: -36.890 ± 0.109 χ^2/NDF : 7388.2/41

All: -36.857 ± 0.078 χ^2/NDF : 13437.7/80

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.013 χ^2 /NDF: 79.4/16

Left Out: 0.441 $\pm$ 0.006 χ^2 /NDF:1170.7/22

Right Out: 0.058 $\pm$ 0.012 χ^2 /NDF: 87.1/18

Left In: 0.400 $\pm$ 0.005 χ^2 /NDF:1734.2/21

Left: 0.420 $\pm$ 0.004 χ^2 /NDF: 2933.5/44

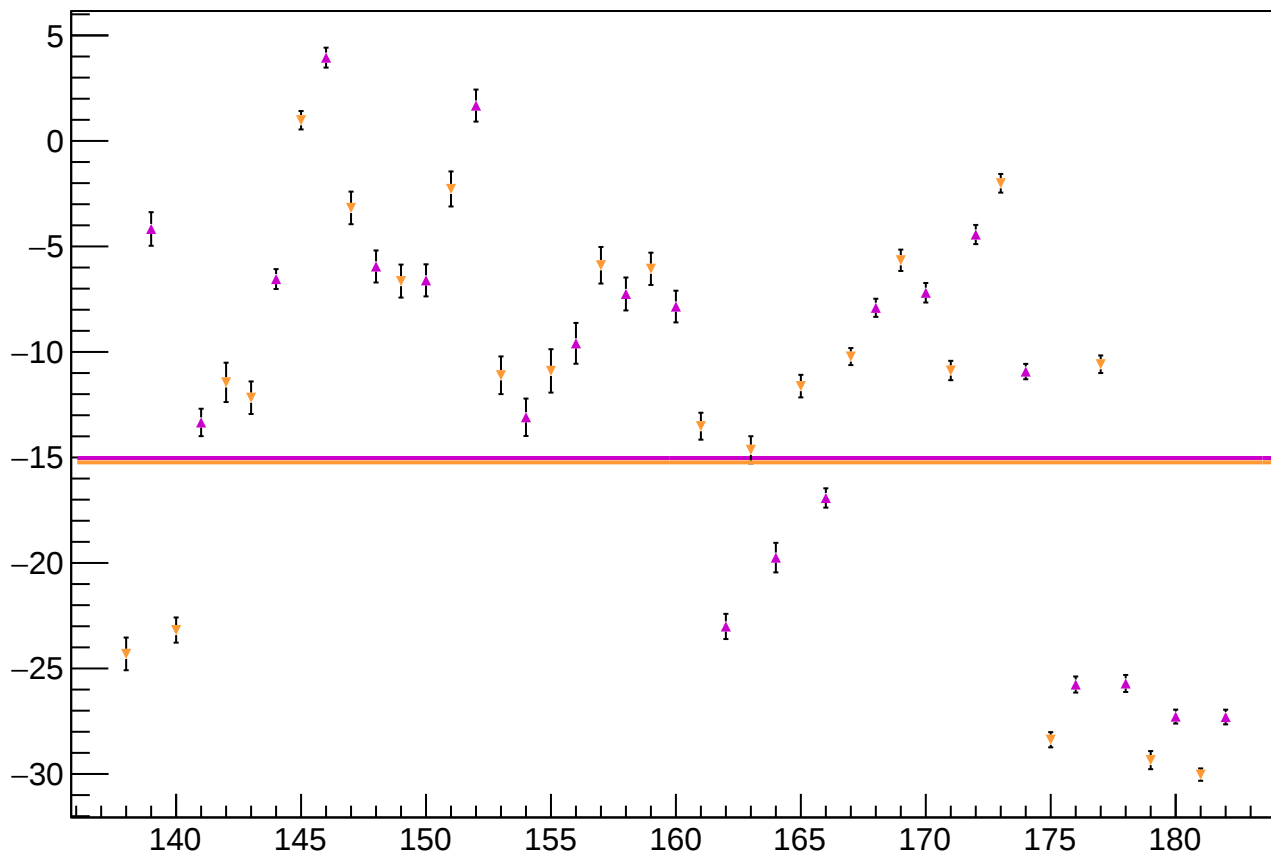
Right: 0.073 $\pm$ 0.009 χ^2 /NDF: 169.9/35

In: 0.352 $\pm$ 0.005 χ^2 /NDF:2313.9/38

Out: 0.375 $\pm$ 0.005 χ^2 /NDF:2082.2/41

All: 0.363 $\pm$ 0.004 χ^2 /NDF: 4406.3/80

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.026+/-0.108 χ^2/NDF : 8690.4/21

Left: -15.126+/-0.077 χ^2/NDF : 17953.8/44

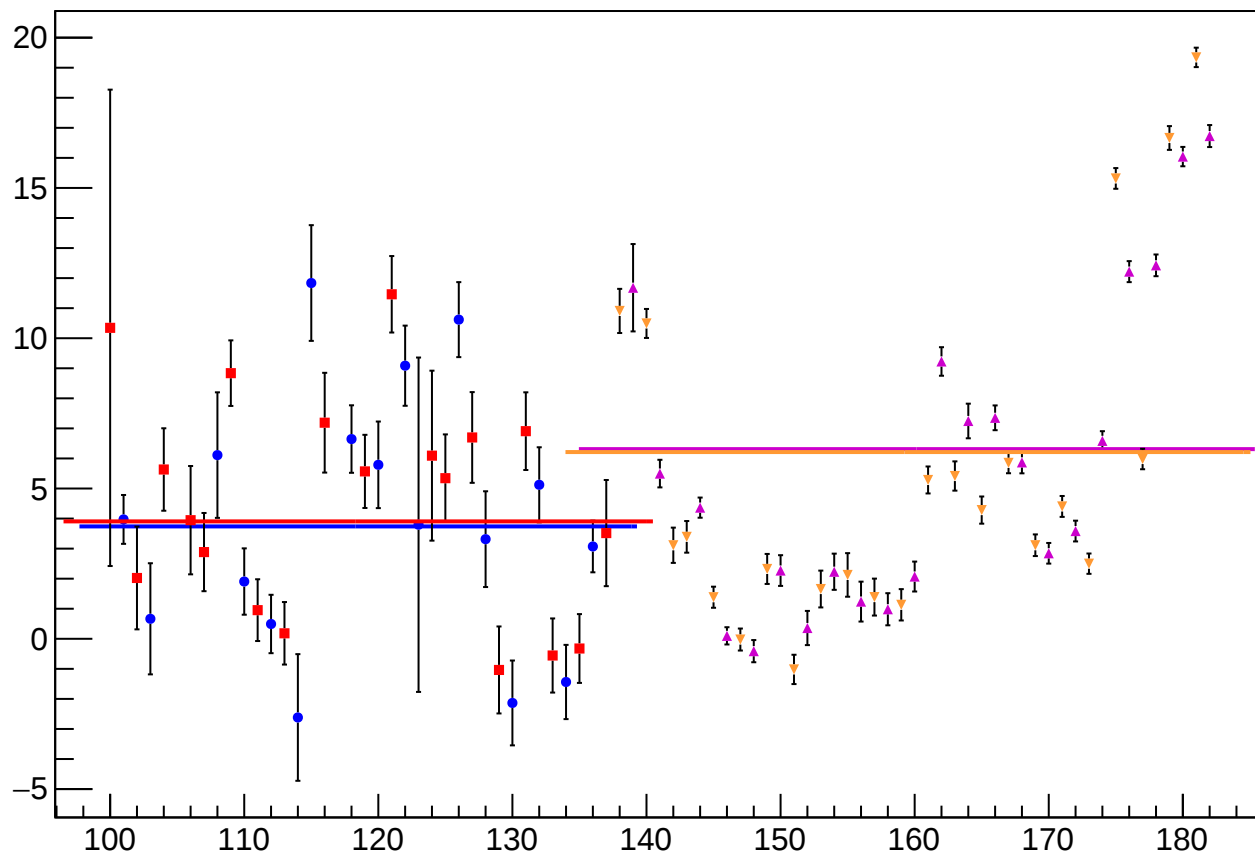
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.026+/-0.108 χ^2/NDF : 8690.4/21

Out: -15.233+/-0.111 χ^2/NDF : 9261.6/22

All: -15.126+/-0.077 χ^2/NDF : 17953.8/44

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.739 $\pm$ 0.309 χ^2 /NDF: 136.9/16

Left Out: 6.213 $\pm$ 0.089 χ^2 /NDF:4475.0/22

Right Out: 3.906 $\pm$ 0.316 χ^2 /NDF: 135.5/18

Left In: 6.310 $\pm$ 0.087 χ^2 /NDF:3806.8/21

Left: 6.263 $\pm$ 0.062 χ^2 /NDF: 8282.4/44

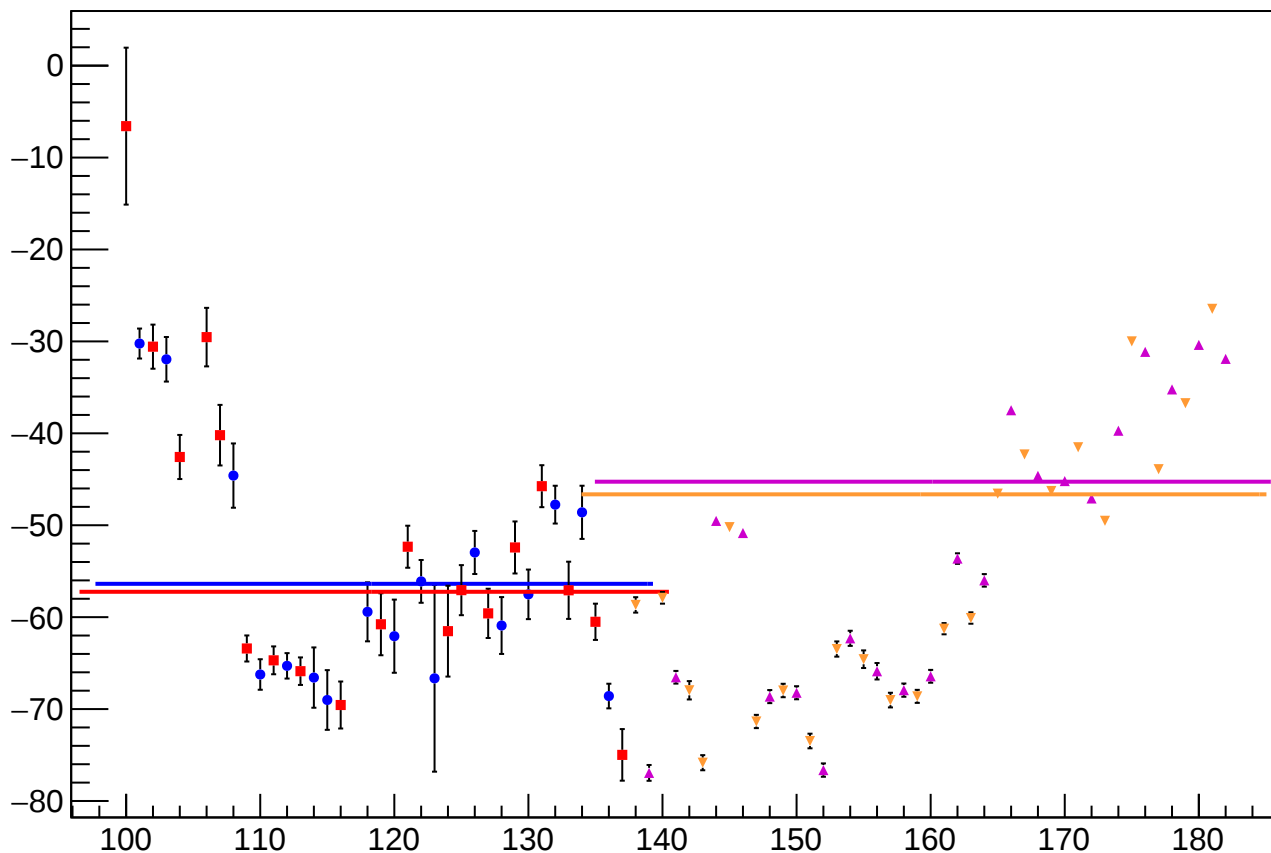
Right: 3.821 $\pm$ 0.221 χ^2 /NDF: 272.5/35

In: 6.123 $\pm$ 0.083 χ^2 /NDF:4007.9/38

Out: 6.045 $\pm$ 0.085 χ^2 /NDF:4659.9/41

All: 6.085 $\pm$ 0.060 χ^2 /NDF: 8668.2/80

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -46.638 ± 0.112 $\chi^2/\text{NDF}: 16363.3/22$

Right Out: -57.240 ± 0.536 $\chi^2/\text{NDF}: 476.3/18$

Left In: -45.263 ± 0.108 $\chi^2/\text{NDF}: 15775.6/21$

Left: -45.928 ± 0.078 $\chi^2/\text{NDF}: 32217.2/44$

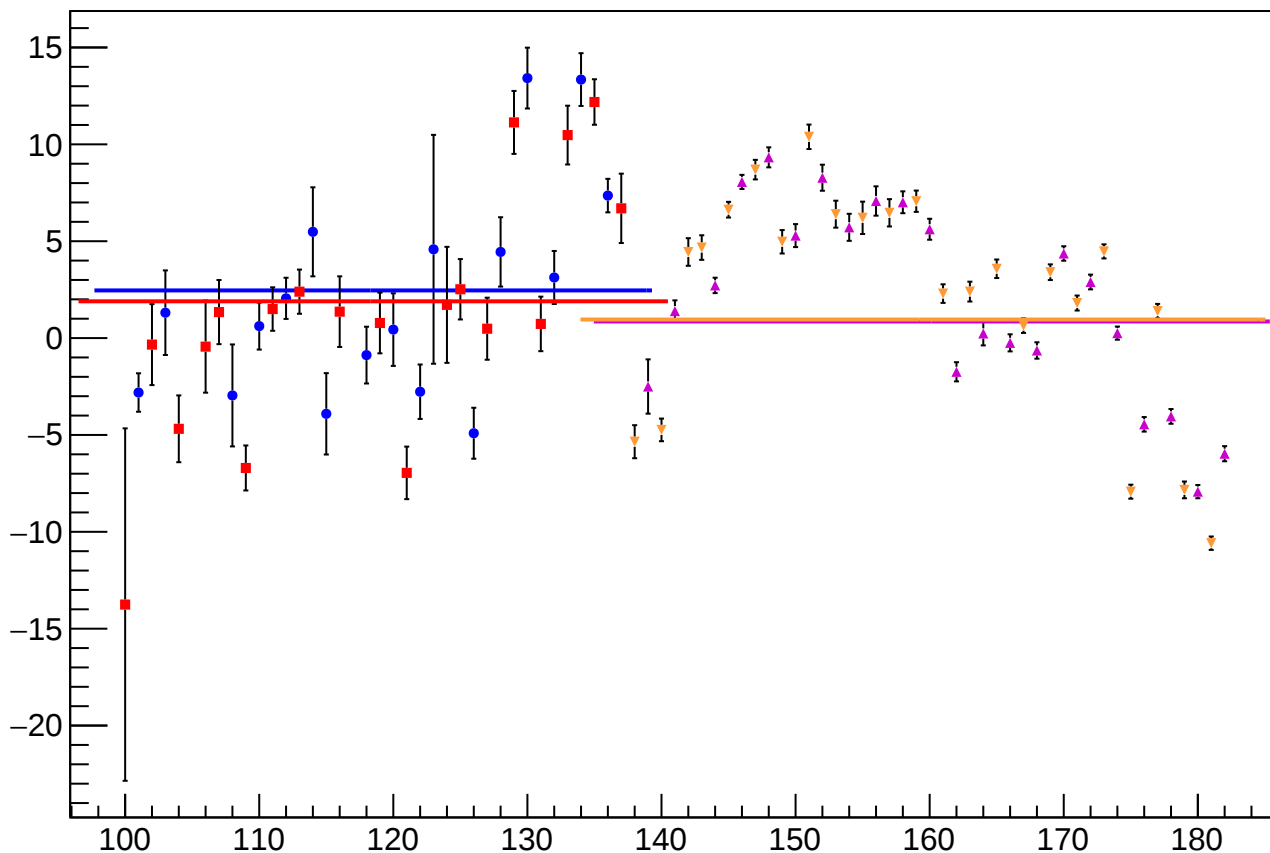
Right: -56.812 ± 0.381 $\chi^2/\text{NDF}: 1065.2/35$

In: -45.687 ± 0.106 $\chi^2/\text{NDF}: 16765.9/38$

Out: -47.079 ± 0.109 $\chi^2/\text{NDF}: 17214.7/41$

All: -46.361 ± 0.076 $\chi^2/\text{NDF}: 34064.3/80$

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.460 ± 0.346 χ^2/NDF : 243.9/16

Left Out: 0.957 ± 0.099 χ^2/NDF : 3501.9/22

Right Out: 1.898 ± 0.355 χ^2/NDF : 268.1/18

Left In: 0.857 ± 0.097 χ^2/NDF : 2672.4/21

Left: 0.906 ± 0.069 χ^2/NDF : 6174.8/44

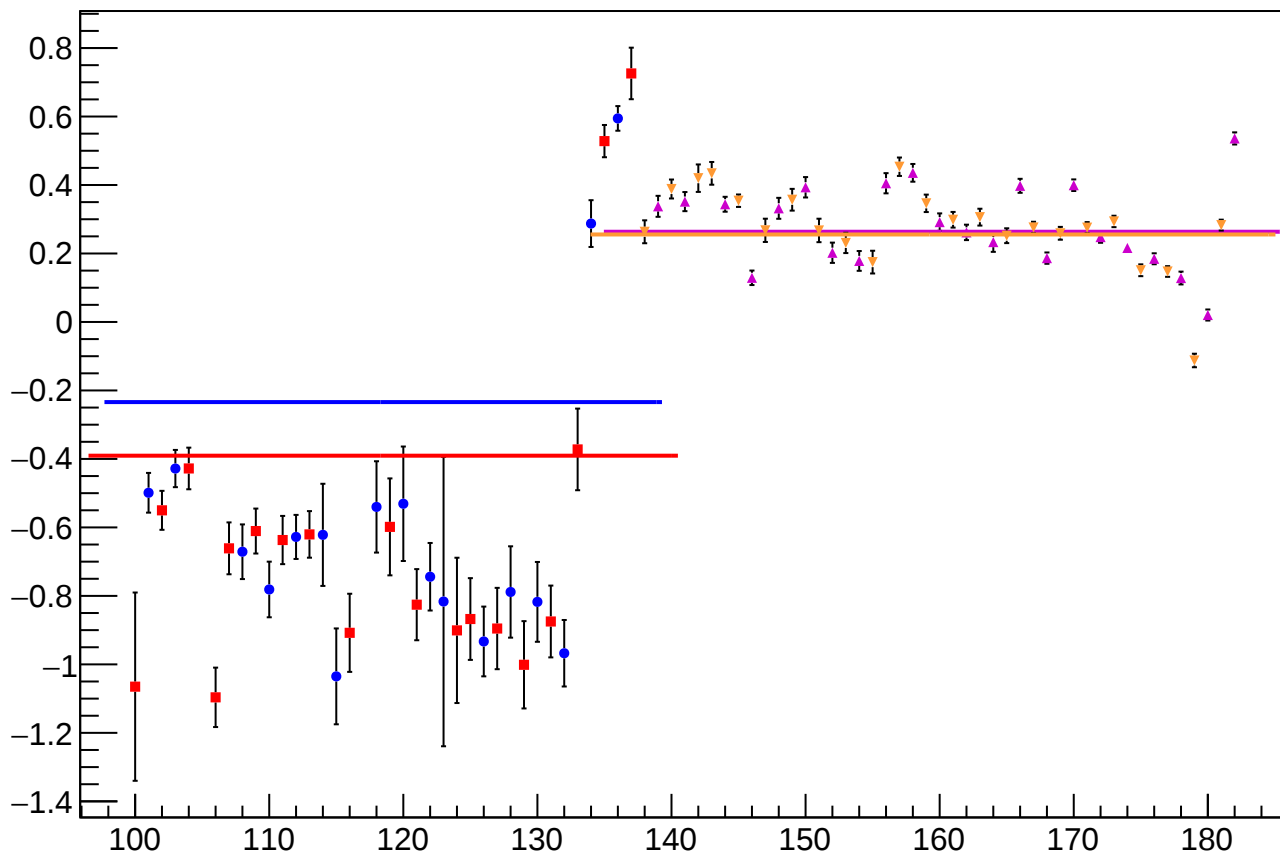
Right: 2.186 ± 0.248 χ^2/NDF : 513.3/35

In: 0.974 ± 0.094 χ^2/NDF : 2936.2/38

Out: 1.026 ± 0.096 χ^2/NDF : 3776.5/41

All: 0.999 ± 0.067 χ^2/NDF : 6712.8/80

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.234 ± 0.019 χ^2/NDF : 958.3/16

Left Out: 0.256 ± 0.005 χ^2/NDF : 632.6/22

Right Out: -0.391 ± 0.019 χ^2/NDF : 852.7/18

Left In: 0.264 ± 0.004 χ^2/NDF : 855.9/21

Left: 0.260 ± 0.003 χ^2/NDF : 1490.1/44

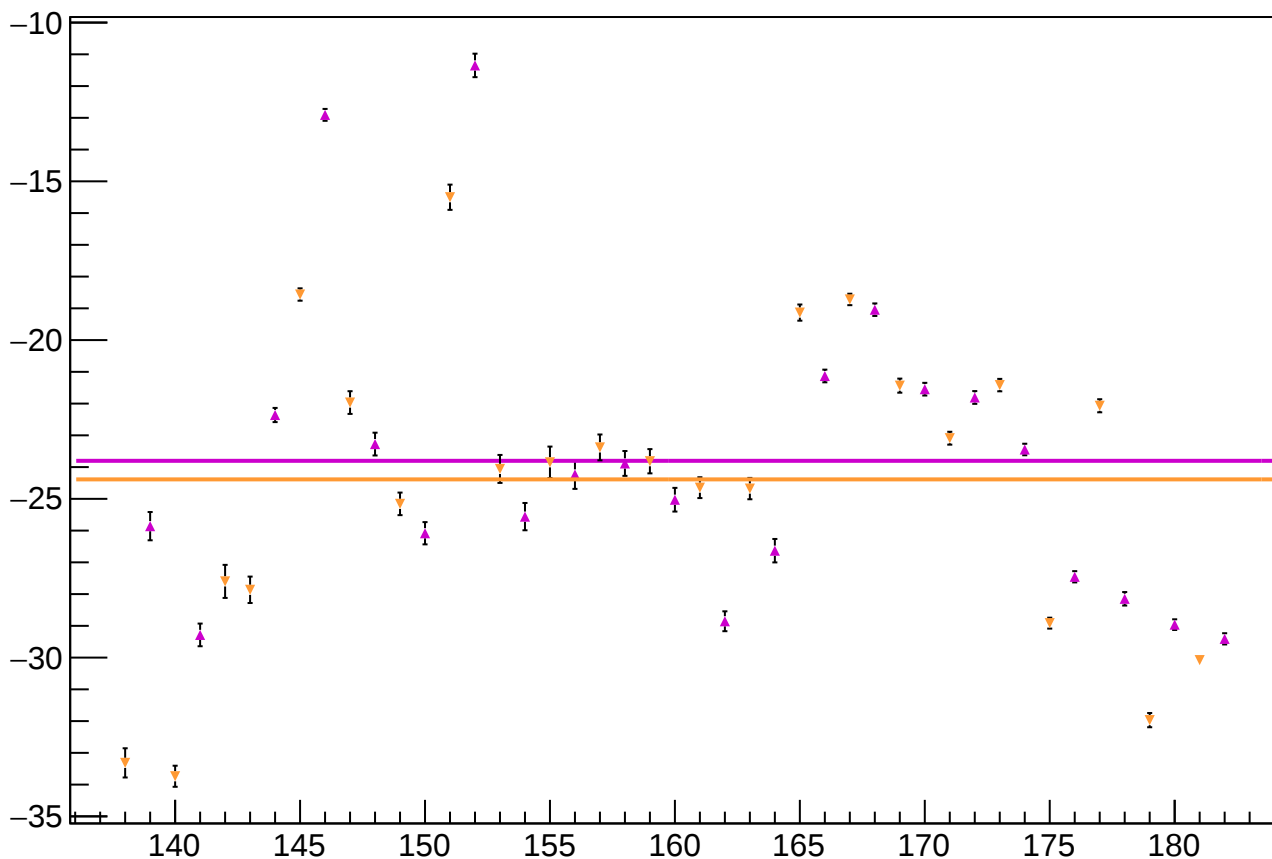
Right: -0.312 ± 0.013 χ^2/NDF : 1845.2/35

In: 0.237 ± 0.004 χ^2/NDF : 2470.9/38

Out: 0.220 ± 0.004 χ^2/NDF : 2582.8/41

All: 0.229 ± 0.003 χ^2/NDF : 5061.4/80

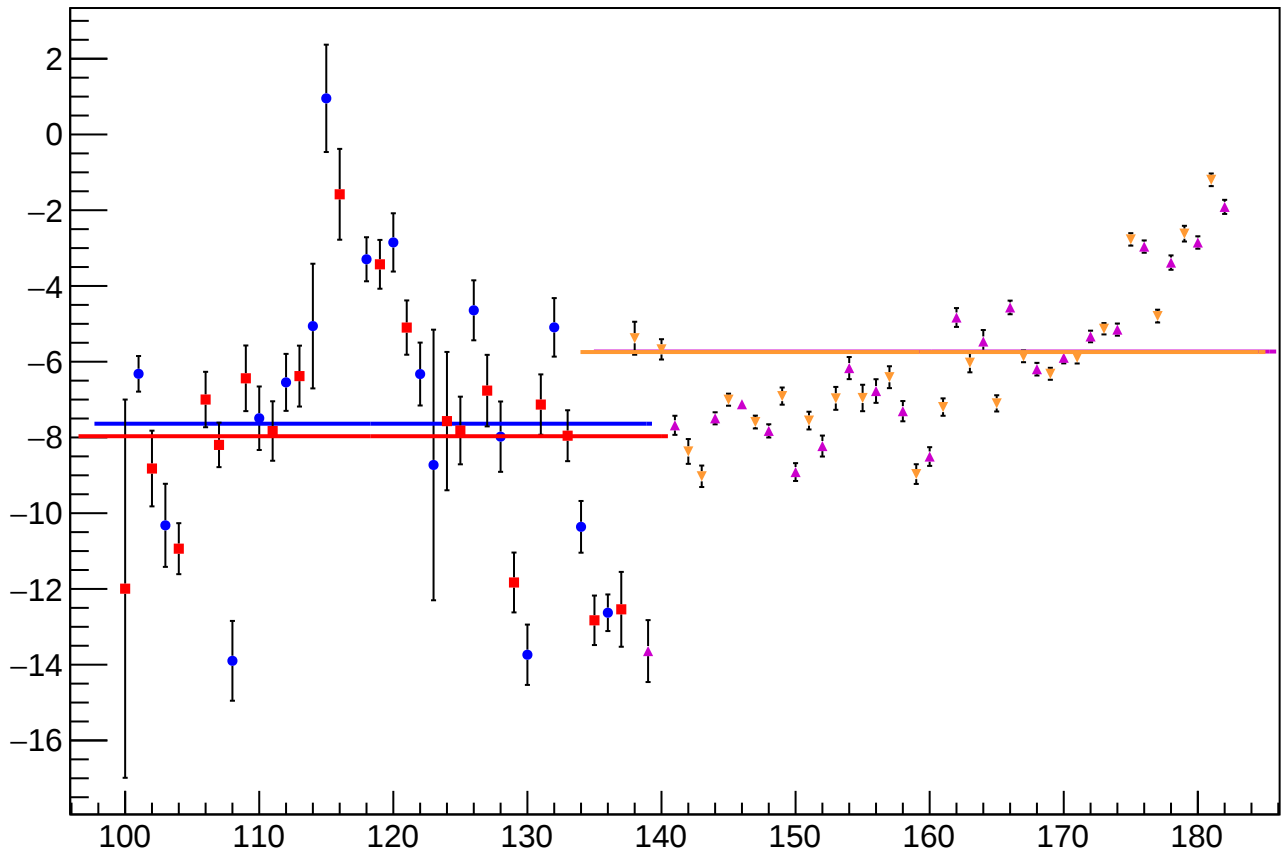
reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -24.387+/-0.053 χ^2/NDF : 7962.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -23.803+/-0.051 χ^2/NDF : 8985.7/21

Left: -24.083+/-0.037 χ^2/NDF : 17010.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -23.803+/-0.051 χ^2/NDF : 8985.7/21
 Out: -24.387+/-0.053 χ^2/NDF : 7962.8/22
 All: -24.083+/-0.037 χ^2/NDF : 17010.6/44

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: -5.745 ± 0.042 χ^2/NDF : 2093.3/22

Right Out: -7.968 ± 0.186 χ^2/NDF : 227.2/18

Left In: -5.731 ± 0.041 χ^2/NDF : 2255.7/21

Left: -5.738 ± 0.029 χ^2/NDF : 4349.1/44

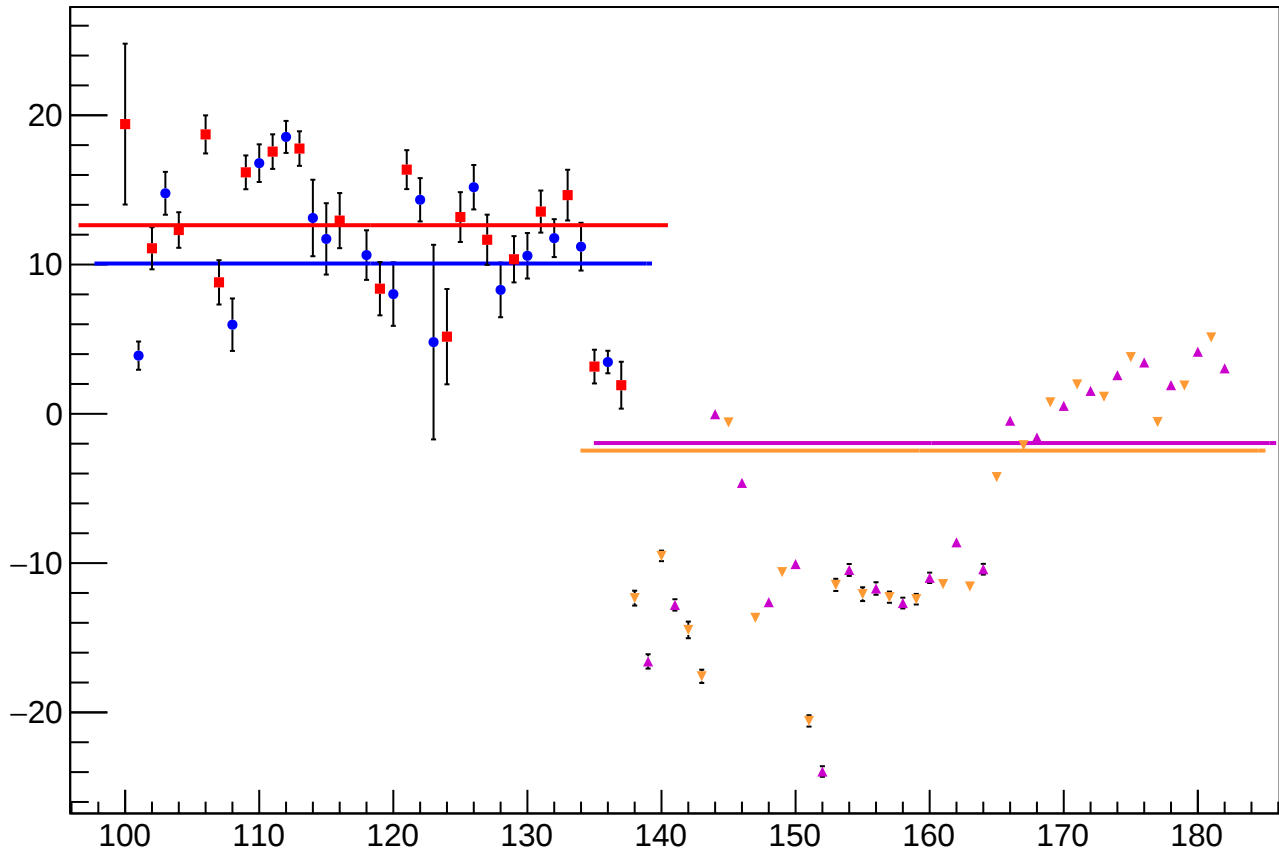
Right: -7.803 ± 0.131 χ^2/NDF : 622.8/35

In: -5.819 ± 0.040 χ^2/NDF : 2749.9/38

Out: -5.855 ± 0.041 χ^2/NDF : 2456.7/41

All: -5.837 ± 0.029 χ^2/NDF : 5207.0/80

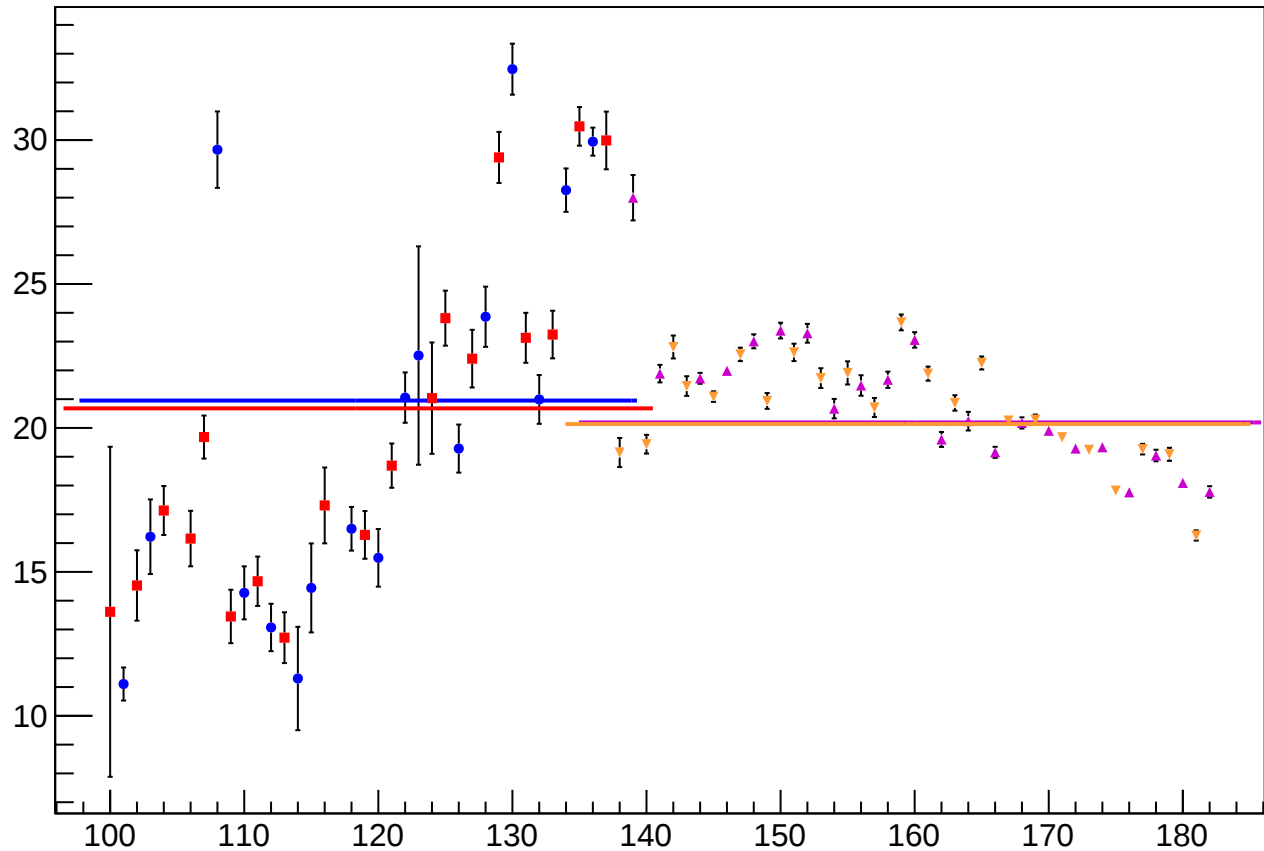
reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 χ^2/NDF : 253.6/16
 Left Out: -2.464 ± 0.054 χ^2/NDF : 15640.9/22
 Right Out: 12.635 ± 0.332 χ^2/NDF : 220.5/18
 Left In: -1.958 ± 0.052 χ^2/NDF : 15492.3/21

Left: -2.200 ± 0.037 χ^2/NDF : 31179.4/44
 Right: 11.370 ± 0.237 χ^2/NDF : 503.5/35
 In: -1.683 ± 0.051 χ^2/NDF : 16987.2/38
 Out: -2.079 ± 0.053 χ^2/NDF : 17871.3/41
 All: -1.873 ± 0.037 χ^2/NDF : 34887.3/80

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.951 $\pm$ 0.210 χ^2 /NDF: 1222.8/16

Left Out: 20.135 $\pm$ 0.048 χ^2 /NDF:1364.4/22

Right Out: 20.680 $\pm$ 0.213 χ^2 /NDF: 728.4/18

Left In: 20.191 $\pm$ 0.046 χ^2 /NDF:1469.1/21

Left: 20.164 $\pm$ 0.033 χ^2 /NDF: 2834.2/44

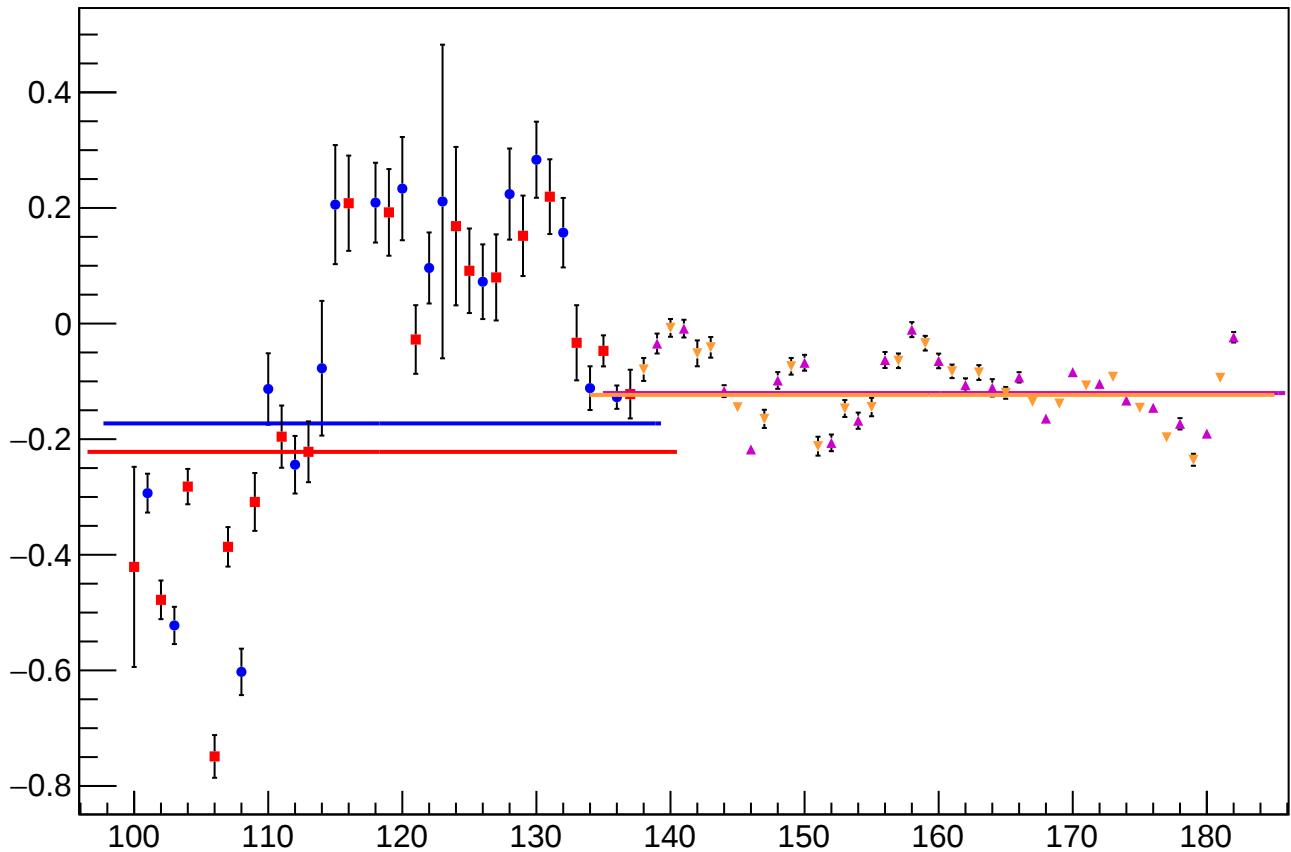
Right: 20.818 $\pm$ 0.149 χ^2 /NDF: 1952.1/35

In: 20.226 $\pm$ 0.045 χ^2 /NDF:2704.4/38

Out: 20.161 $\pm$ 0.047 χ^2 /NDF:2099.1/41

All: 20.195 $\pm$ 0.032 χ^2 /NDF: 4804.5/80

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.011 χ^2/NDF : 460.3/16

Left Out: -0.123 ± 0.002 χ^2/NDF : 502.2/22

Right Out: -0.222 ± 0.011 χ^2/NDF : 536.5/18

Left In: -0.120 ± 0.002 χ^2/NDF : 688.7/21

Left: -0.122 ± 0.002 χ^2/NDF : 1192.0/44

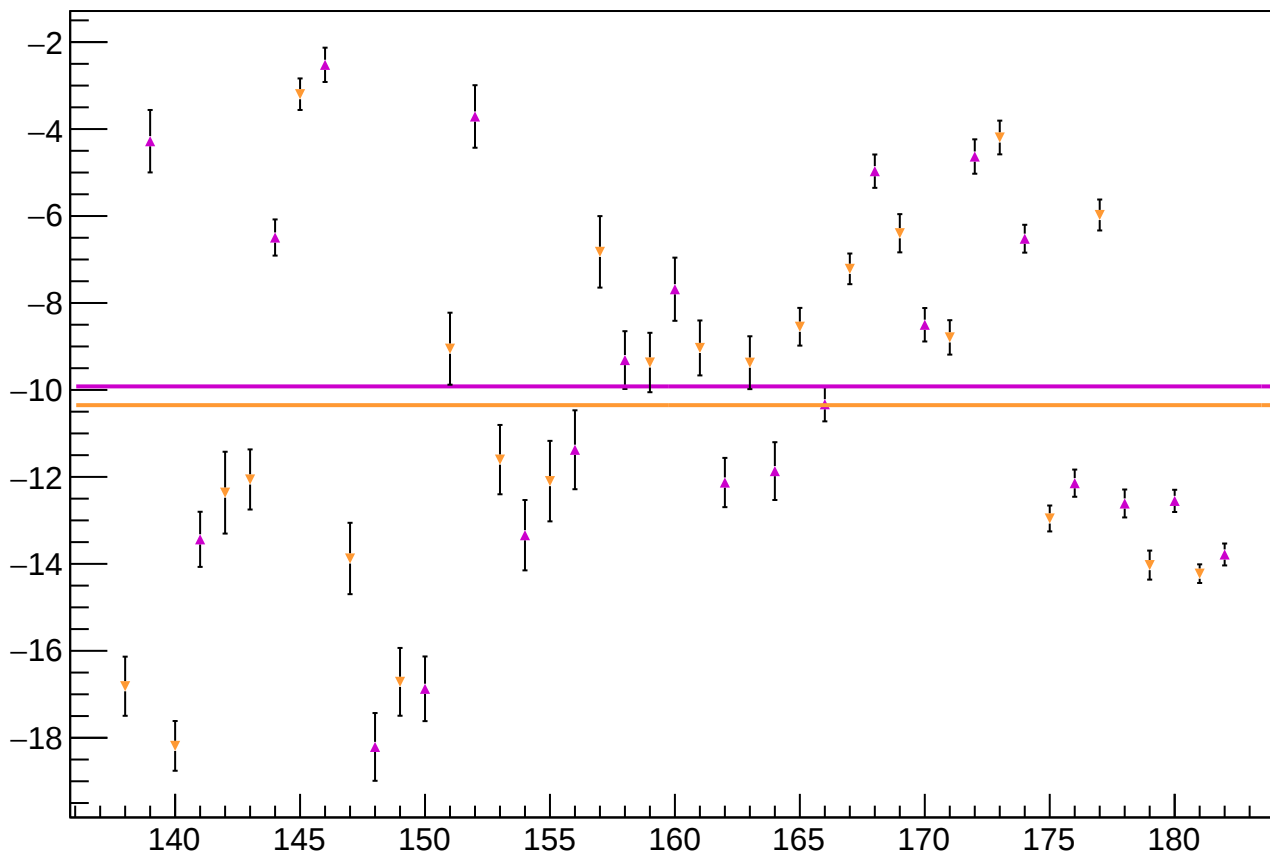
Right: -0.198 ± 0.008 χ^2/NDF : 1006.7/35

In: -0.122 ± 0.002 χ^2/NDF : 1170.3/38

Out: -0.127 ± 0.002 χ^2/NDF : 1116.7/41

All: -0.125 ± 0.001 χ^2/NDF : 2290.0/80

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -10.350+/-0.094 χ^2/NDF :1918.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Left: -10.127+/-0.065 χ^2/NDF : 3706.2/44

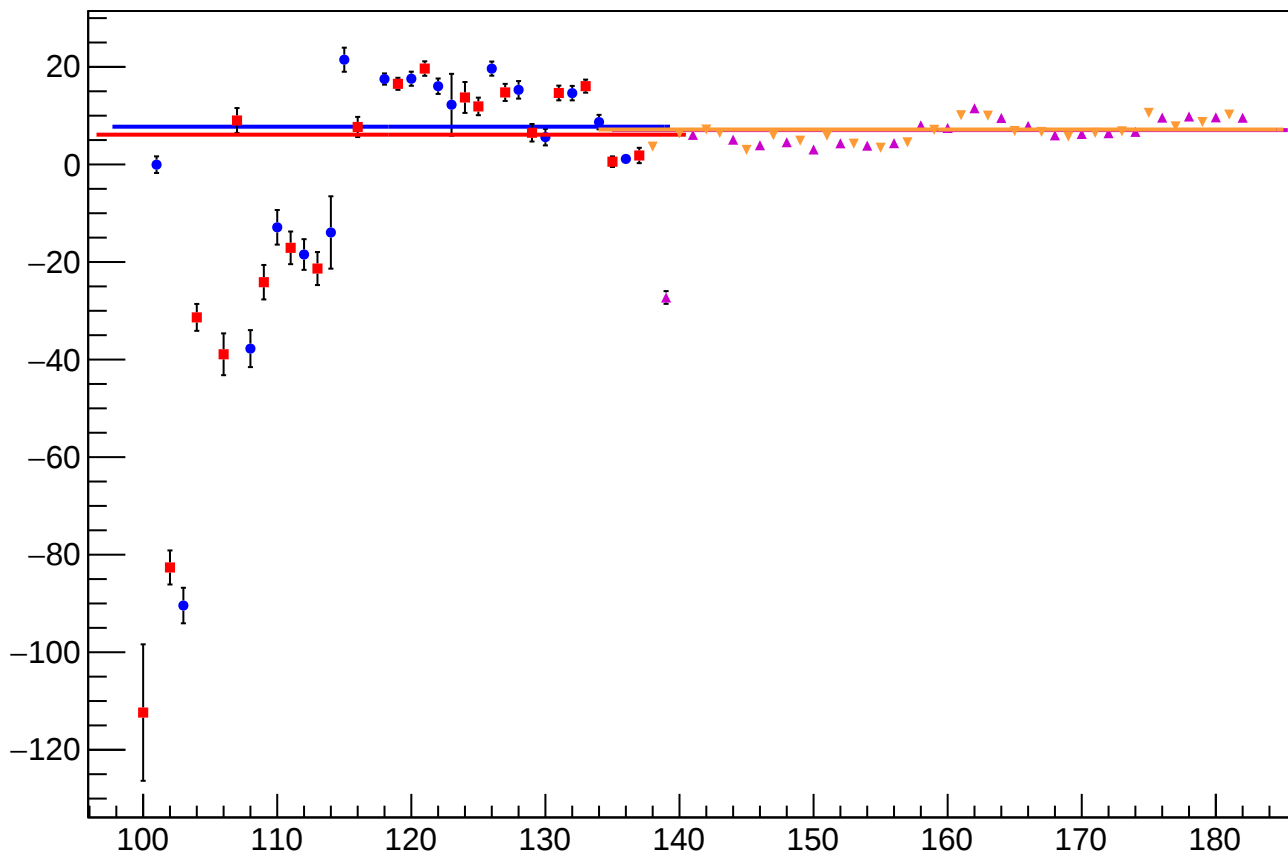
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.919+/-0.091 χ^2/NDF :1776.4/21

Out: -10.350+/-0.094 χ^2/NDF :1918.9/22

All: -10.127+/-0.065 χ^2/NDF : 3706.2/44

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 $\pm$ 0.403 χ^2 /NDF: 1358.9/16

Left Out: 7.166 $\pm$ 0.077 χ^2 /NDF:817.8/22

Right Out: 6.106 $\pm$ 0.433 χ^2 /NDF: 1517.7/18

Left In: 7.042 $\pm$ 0.075 χ^2 /NDF:1604.6/21

Left: 7.102 $\pm$ 0.054 χ^2 /NDF: 2423.7/44

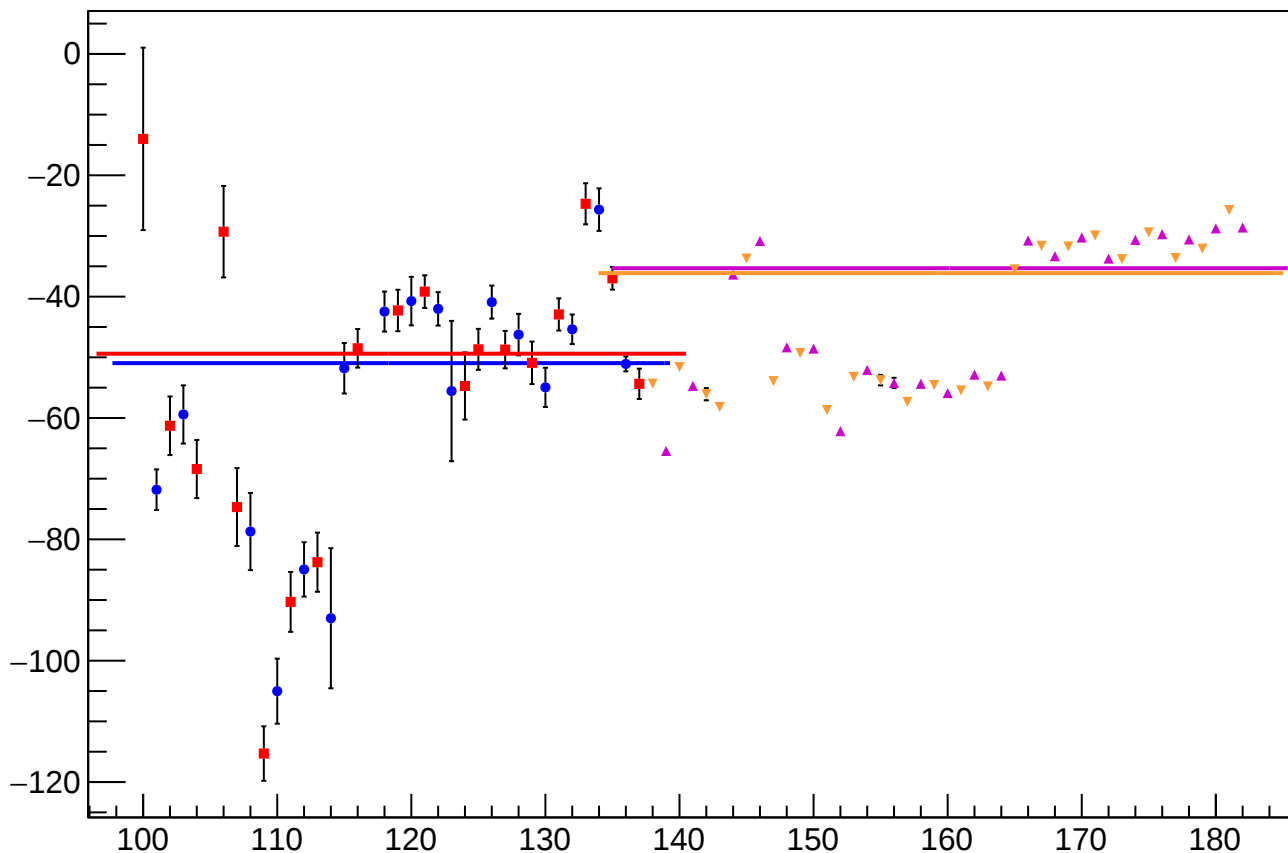
Right: 6.984 $\pm$ 0.295 χ^2 /NDF: 2884.3/35

In: 7.066 $\pm$ 0.074 χ^2 /NDF:2966.4/38

Out: 7.133 $\pm$ 0.076 χ^2 /NDF:2341.3/41

All: 7.099 $\pm$ 0.053 χ^2 /NDF: 5308.1/80

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 χ^2/NDF : 331.9/16

Left Out: -36.125 ± 0.095 χ^2/NDF : 12294.4/22

Right Out: -49.402 ± 0.797 χ^2/NDF : 512.0/18

Left In: -35.310 ± 0.091 χ^2/NDF : 11759.7/21

Left: -35.703 ± 0.066 χ^2/NDF : 24092.4/44

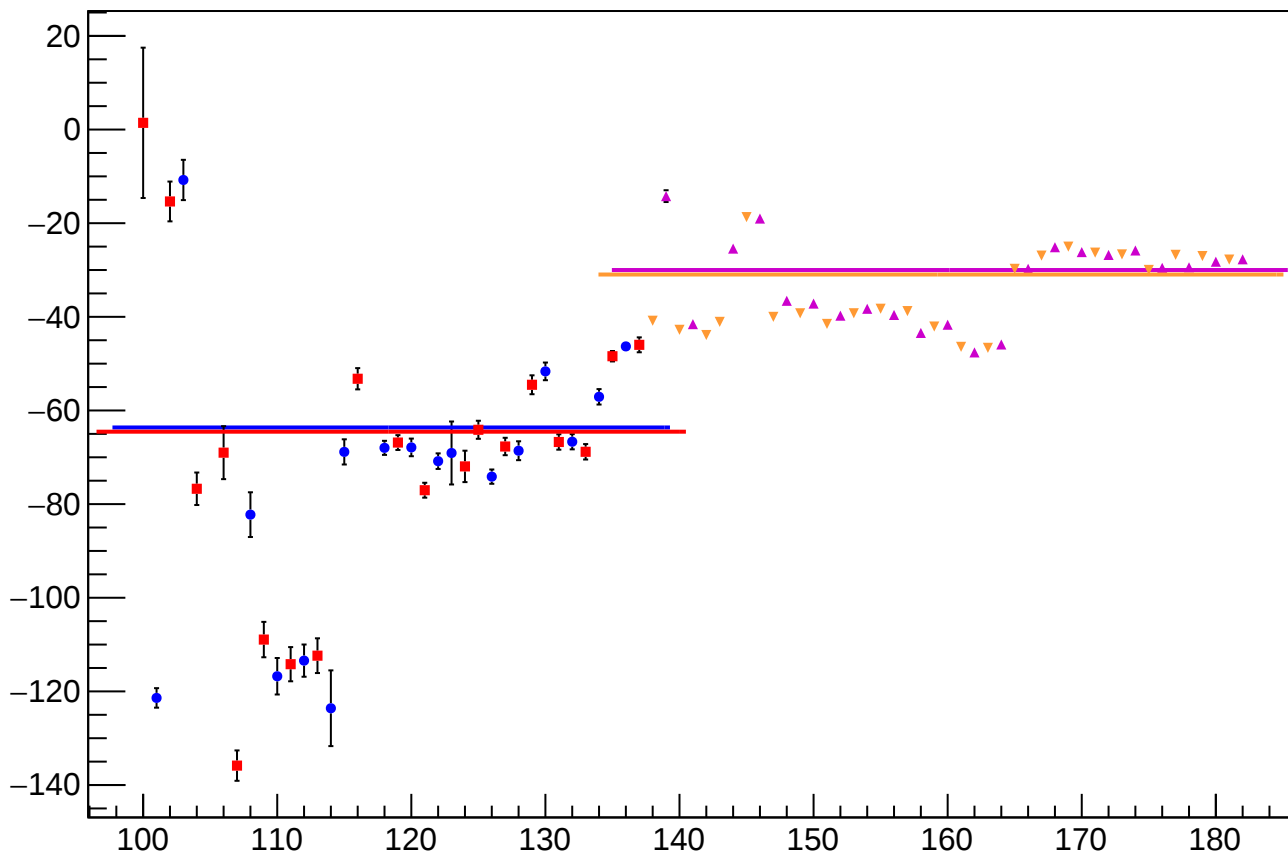
Right: -50.240 ± 0.542 χ^2/NDF : 845.9/35

In: -35.546 ± 0.091 χ^2/NDF : 12534.0/38

Out: -36.310 ± 0.094 χ^2/NDF : 13080.2/41

All: -35.914 ± 0.065 χ^2/NDF : 25648.4/80

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -30.963 ± 0.086 χ^2/NDF : 7699.7/22

Right Out: -64.531 ± 0.482 χ^2/NDF : 1611.2/18

Left In: -30.001 ± 0.083 χ^2/NDF : 7041.7/21

Left: -30.468 ± 0.060 χ^2/NDF : 14806.0/44

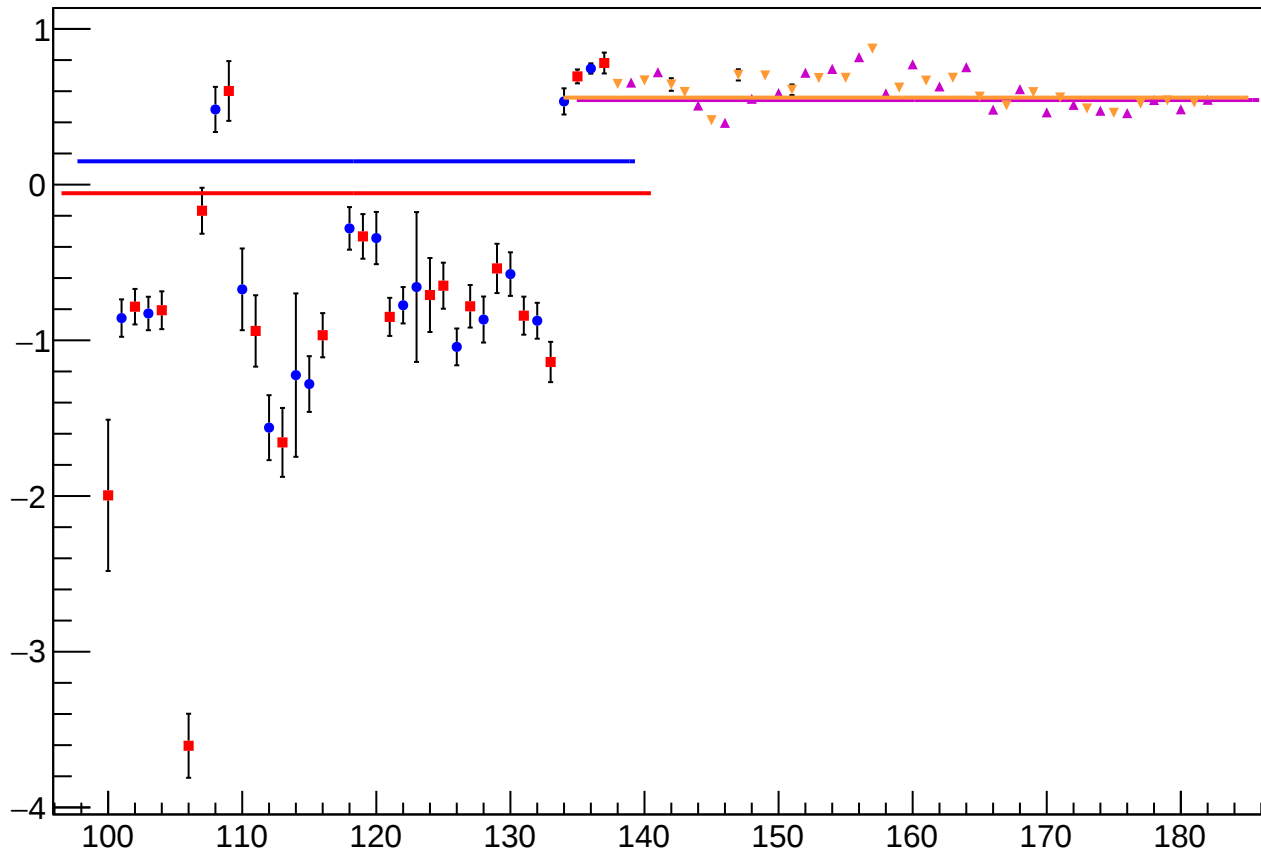
Right: -64.046 ± 0.327 χ^2/NDF : 3624.3/35

In: -31.138 ± 0.082 χ^2/NDF : 14550.3/38

Out: -31.995 ± 0.085 χ^2/NDF : 14012.9/41

All: -31.553 ± 0.059 χ^2/NDF : 28616.2/80

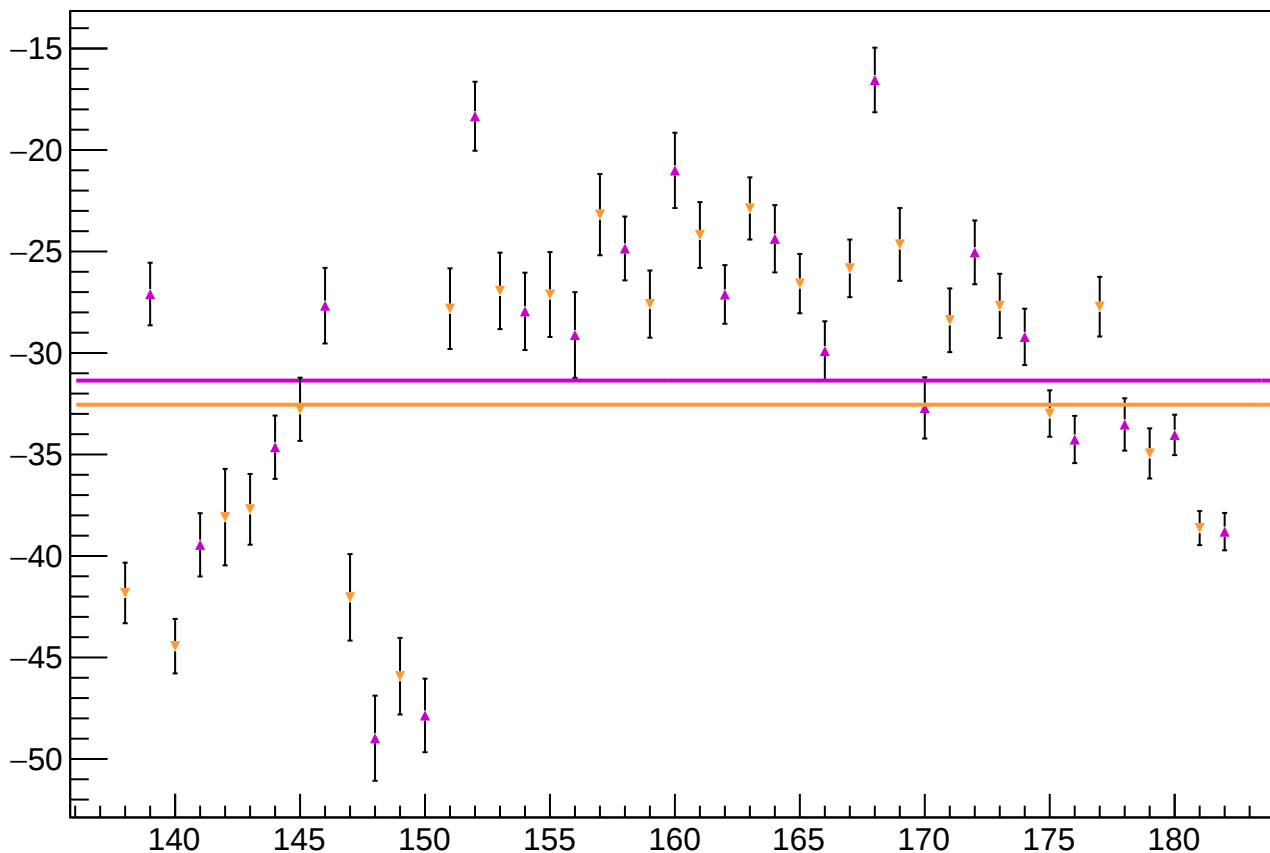
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.559 ± 0.004 χ^2/NDF : 518.5/22
 Right Out: -0.055 ± 0.026 χ^2/NDF : 1170.0/18
 Left In: 0.543 ± 0.004 χ^2/NDF : 658.9/21

Left: 0.551 ± 0.003 χ^2/NDF : 1185.5/44
 Right: 0.056 ± 0.018 χ^2/NDF : 2192.5/35
 In: 0.533 ± 0.004 χ^2/NDF : 1910.5/38
 Out: 0.545 ± 0.004 χ^2/NDF : 2226.1/41
 All: 0.539 ± 0.003 χ^2/NDF : 4141.3/80

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: -32.548+/-0.316 χ^2/NDF :462.4/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -31.359+/-0.313 χ^2/NDF :522.6/21

Left: -31.948+/-0.223 χ^2/NDF : 992.1/44

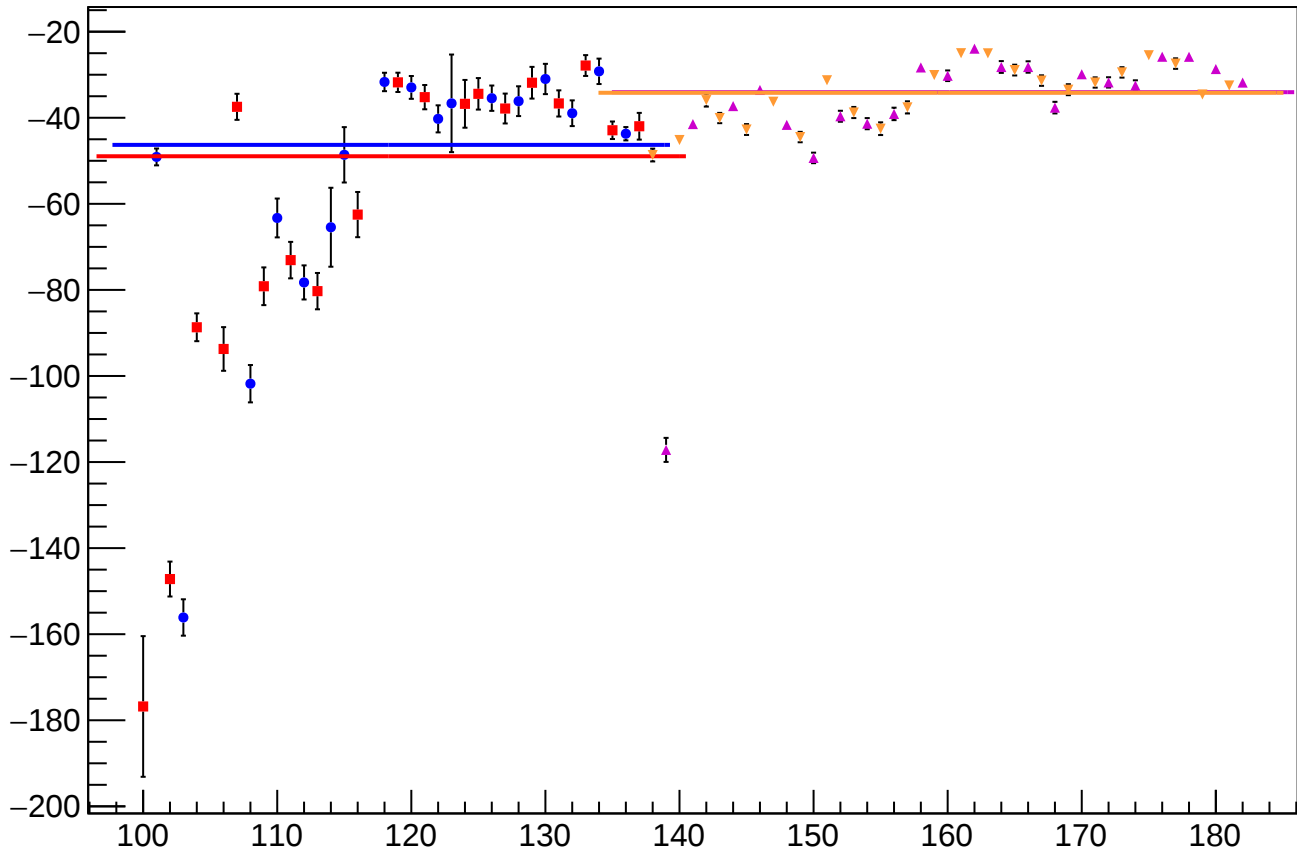
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -31.359+/-0.313 χ^2/NDF :522.6/21

Out: -32.548+/-0.316 χ^2/NDF :462.4/22

All: -31.948+/-0.223 χ^2/NDF : 992.1/44

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 χ^2/NDF : 1084.0/16

Left Out: -34.193 ± 0.250 χ^2/NDF : 679.0/22

Right Out: -48.945 ± 0.762 χ^2/NDF : 1273.6/18

Left In: -34.057 ± 0.253 χ^2/NDF : 1534.7/21

Left: -34.126 ± 0.178 χ^2/NDF : 2213.9/44

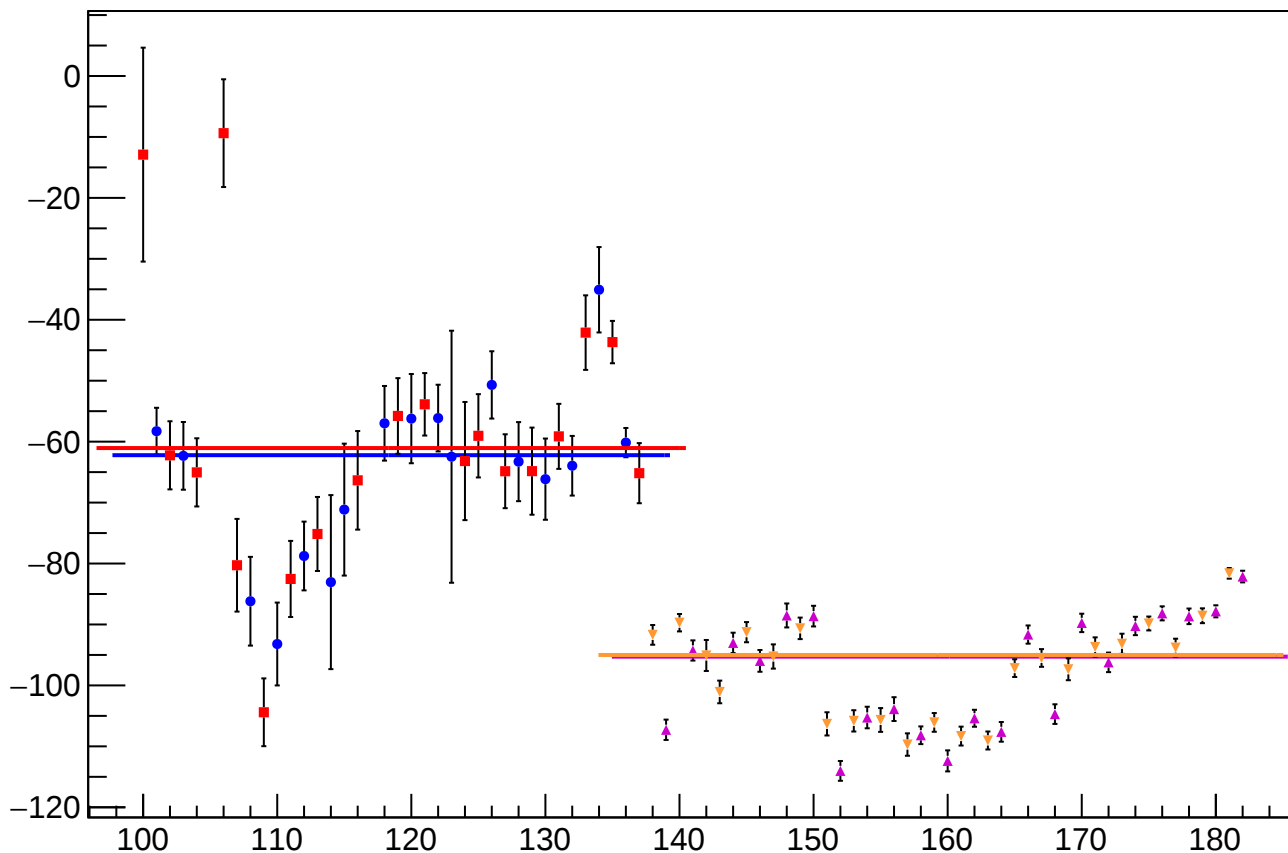
Right: -47.554 ± 0.525 χ^2/NDF : 2363.9/35

In: -35.394 ± 0.239 χ^2/NDF : 2873.9/38

Out: -35.623 ± 0.237 χ^2/NDF : 2290.6/41

All: -35.509 ± 0.168 χ^2/NDF : 5165.0/80

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 $\pm$ 1.312 χ^2 /NDF: 67.3/16

Left Out: -95.002 $\pm$ 0.317 χ^2 /NDF: 714.3/22

Right Out: -61.051 $\pm$ 1.379 χ^2 /NDF: 166.0/18

Left In: -95.280 $\pm$ 0.312 χ^2 /NDF: 929.2/21

Left: -95.143 $\pm$ 0.222 χ^2 /NDF: 1643.8/44

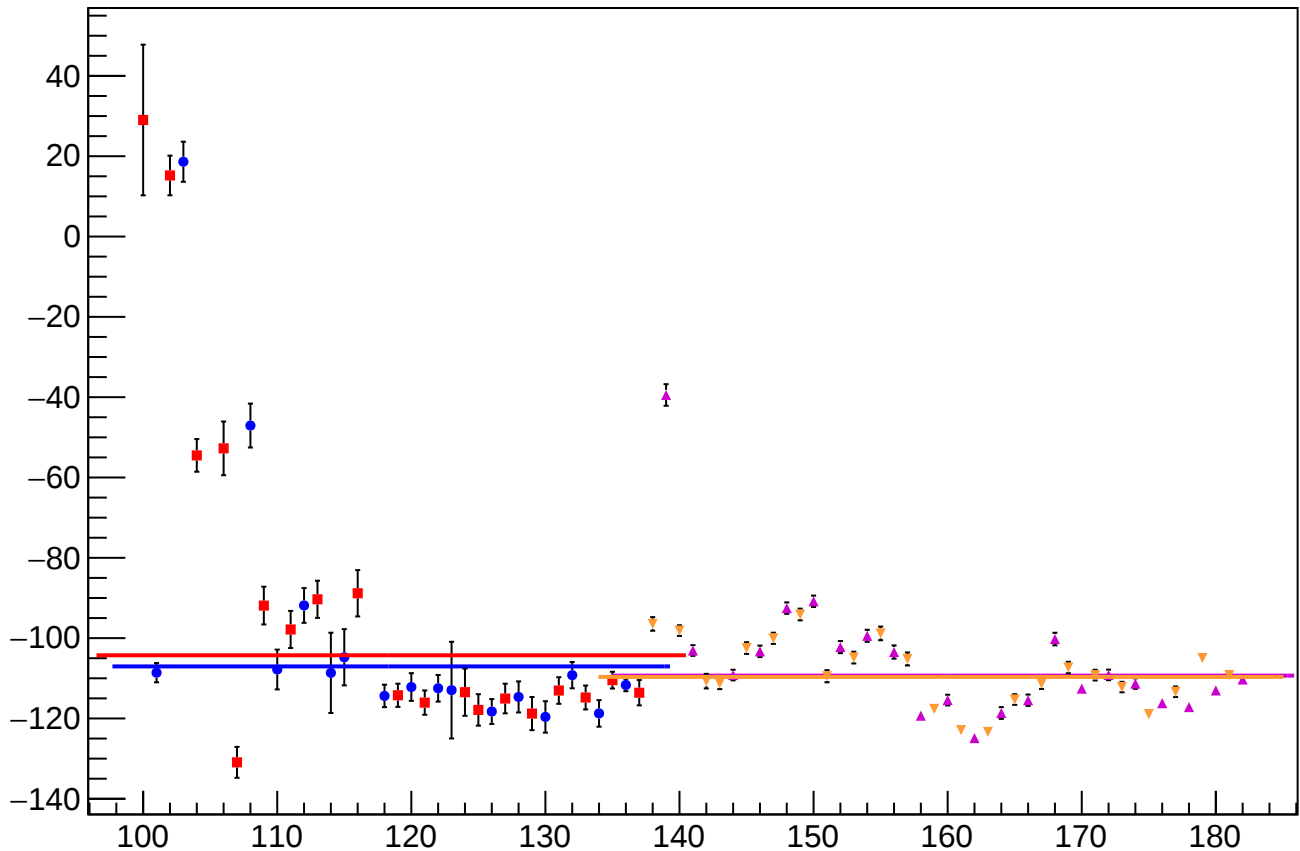
Right: -61.665 $\pm$ 0.950 χ^2 /NDF: 233.6/35

In: -93.507 $\pm$ 0.304 χ^2 /NDF: 1597.7/38

Out: -93.301 $\pm$ 0.309 χ^2 /NDF: 1456.4/41

All: -93.405 $\pm$ 0.217 χ^2 /NDF: 3054.2/80

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: -109.660 ± 0.282 $\chi^2/\text{NDF}: 782.7/22$

Right Out: -104.269 ± 0.860 $\chi^2/\text{NDF}: 1018.0/18$

Left In: -109.337 ± 0.283 $\chi^2/\text{NDF}: 1557.2/21$

Left: -109.499 ± 0.200 $\chi^2/\text{NDF}: 2340.5/44$

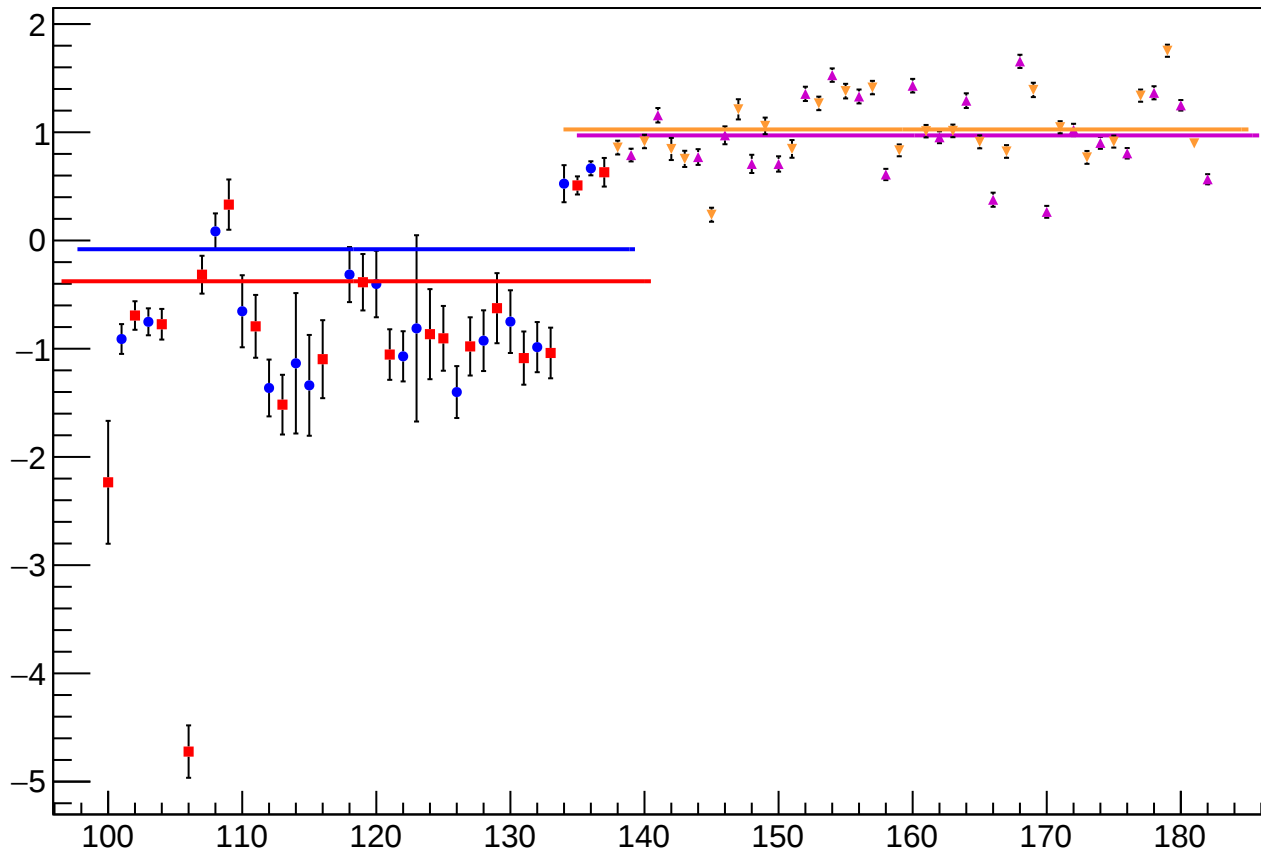
Right: -105.733 ± 0.590 $\chi^2/\text{NDF}: 1851.4/35$

In: -109.089 ± 0.267 $\chi^2/\text{NDF}: 2392.2/38$

Out: -109.137 ± 0.268 $\chi^2/\text{NDF}: 1836.2/41$

All: -109.113 ± 0.189 $\chi^2/\text{NDF}: 4228.4/80$

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 1.026 ± 0.013 χ^2/NDF : 552.0/22

Right Out: -0.377 ± 0.044 χ^2/NDF : 583.6/18

Left In: 0.971 ± 0.013 χ^2/NDF : 852.9/21

Left: 0.998 ± 0.009 χ^2/NDF : 1414.1/44

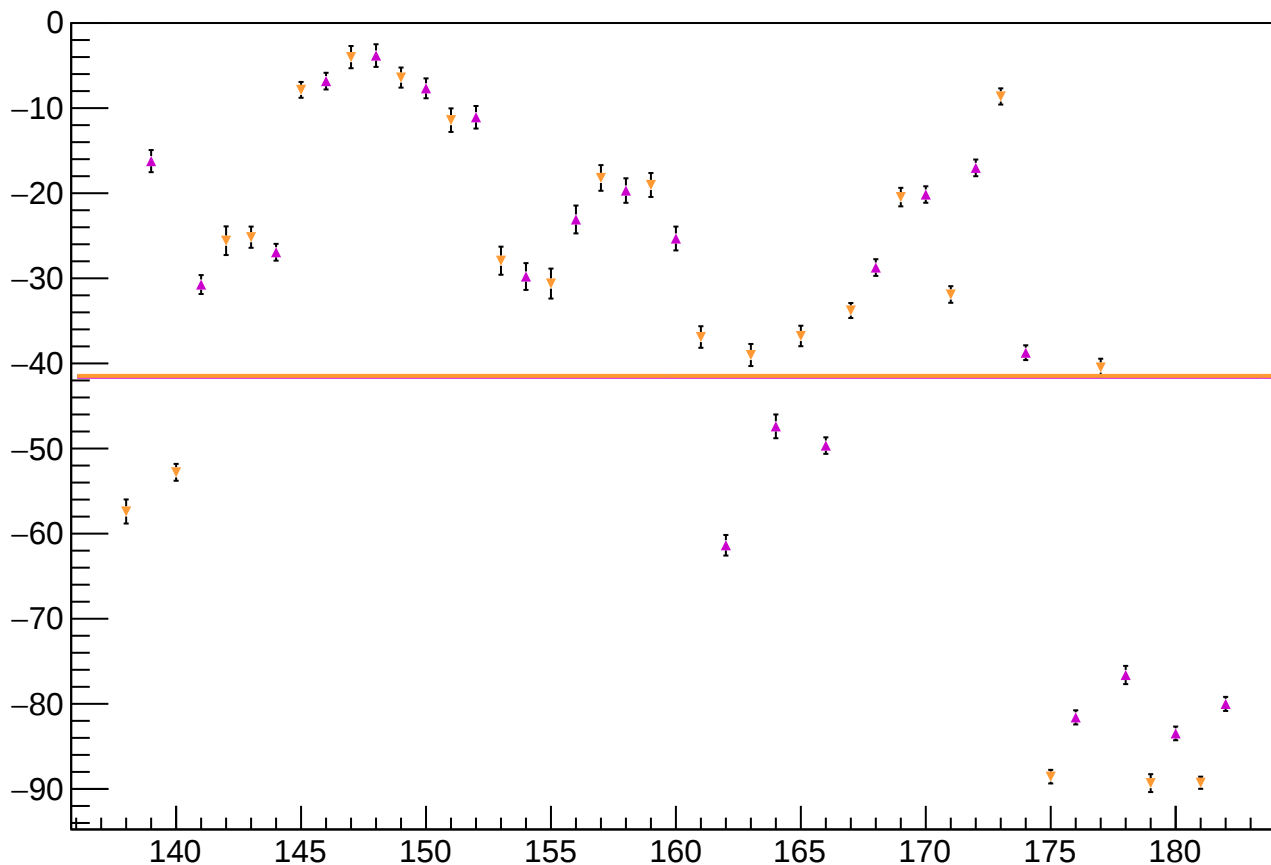
Right: -0.223 ± 0.030 χ^2/NDF : 936.1/35

In: 0.883 ± 0.012 χ^2/NDF : 1750.8/38

Out: 0.913 ± 0.012 χ^2/NDF : 2075.9/41

All: 0.898 ± 0.009 χ^2/NDF : 3829.8/80

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Left: -41.513+/-0.163 χ^2/NDF : 30975.4/44

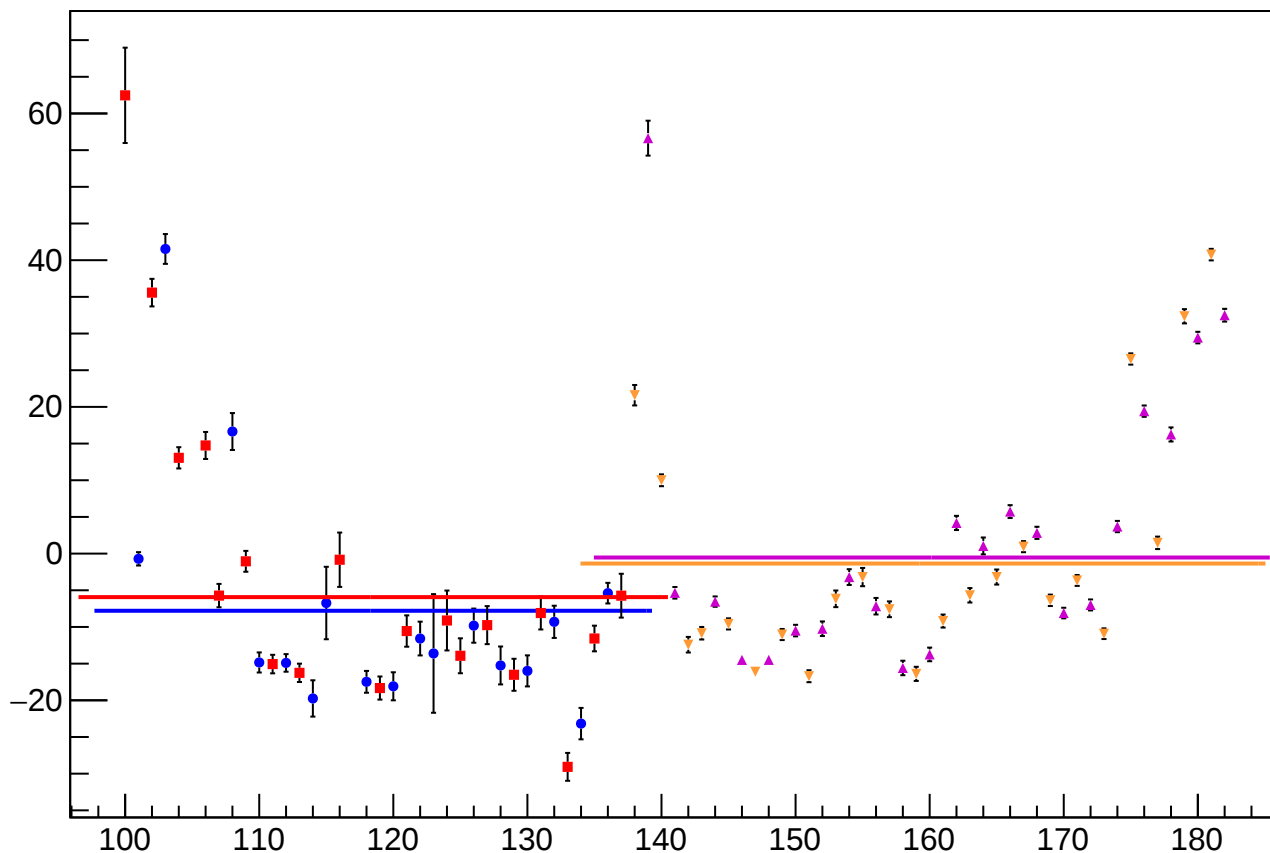
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.561+/-0.228 χ^2/NDF :14588.2/21

Out: -41.463+/-0.231 χ^2/NDF :16387.1/22

All: -41.513+/-0.163 χ^2/NDF : 30975.4/44

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



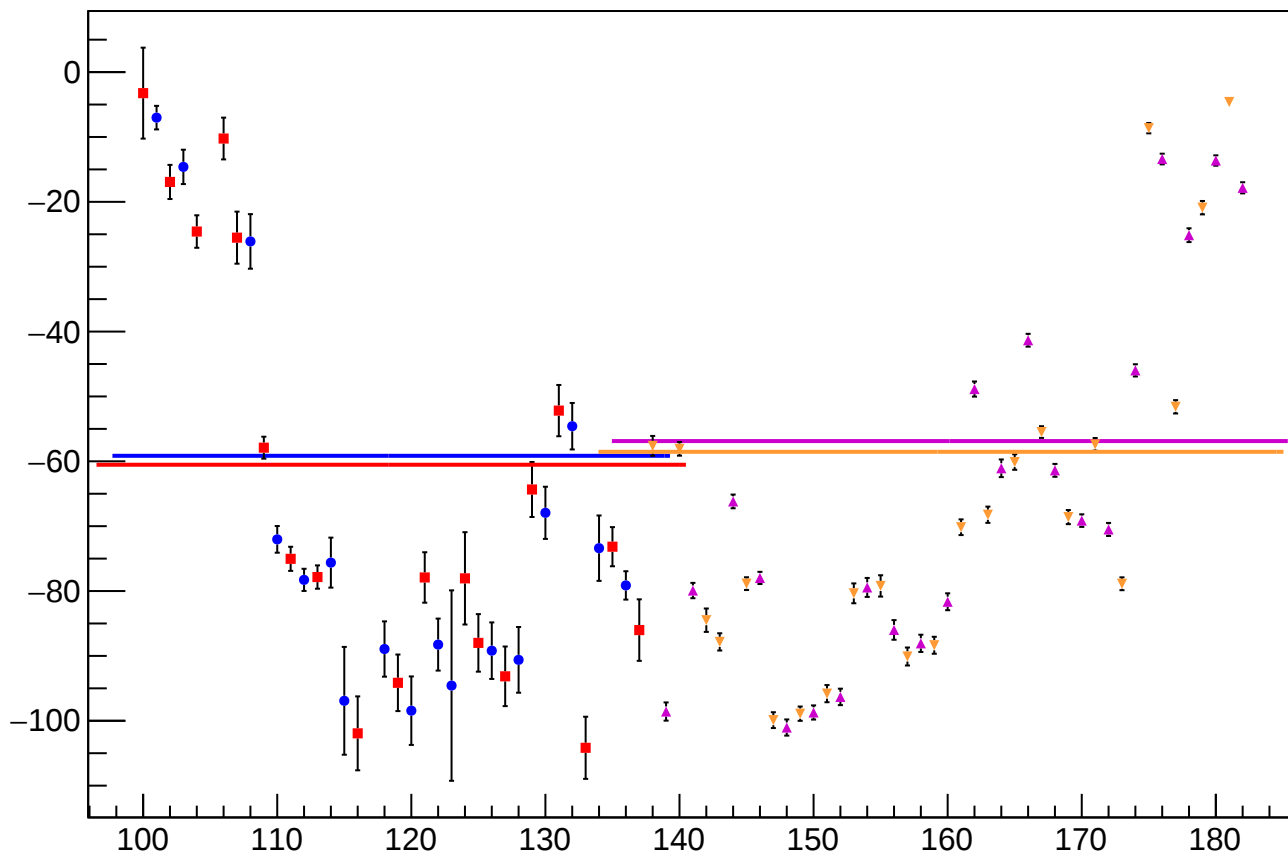
Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16
 Left Out: -1.355 ± 0.179 χ^2/NDF : 7910.5/22
 Right Out: -5.932 ± 0.429 χ^2/NDF : 1294.2/18
 Left In: -0.534 ± 0.180 χ^2/NDF : 6556.8/21

Left: -0.947 ± 0.127 χ^2/NDF : 14477.8/44
 Right: -6.865 ± 0.303 χ^2/NDF : 2286.4/35

In: -1.624 ± 0.166 χ^2/NDF : 7784.1/38
 Out: -2.033 ± 0.165 χ^2/NDF : 9301.8/41

All: -1.829 ± 0.117 χ^2/NDF : 17088.9/80

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -58.534 ± 0.232 χ^2/NDF : 17004.1/22

Right Out: -60.530 ± 0.704 χ^2/NDF : 1385.2/18

Left In: -56.880 ± 0.228 χ^2/NDF : 16518.3/21

Left: -57.695 ± 0.163 χ^2/NDF : 33548.2/44

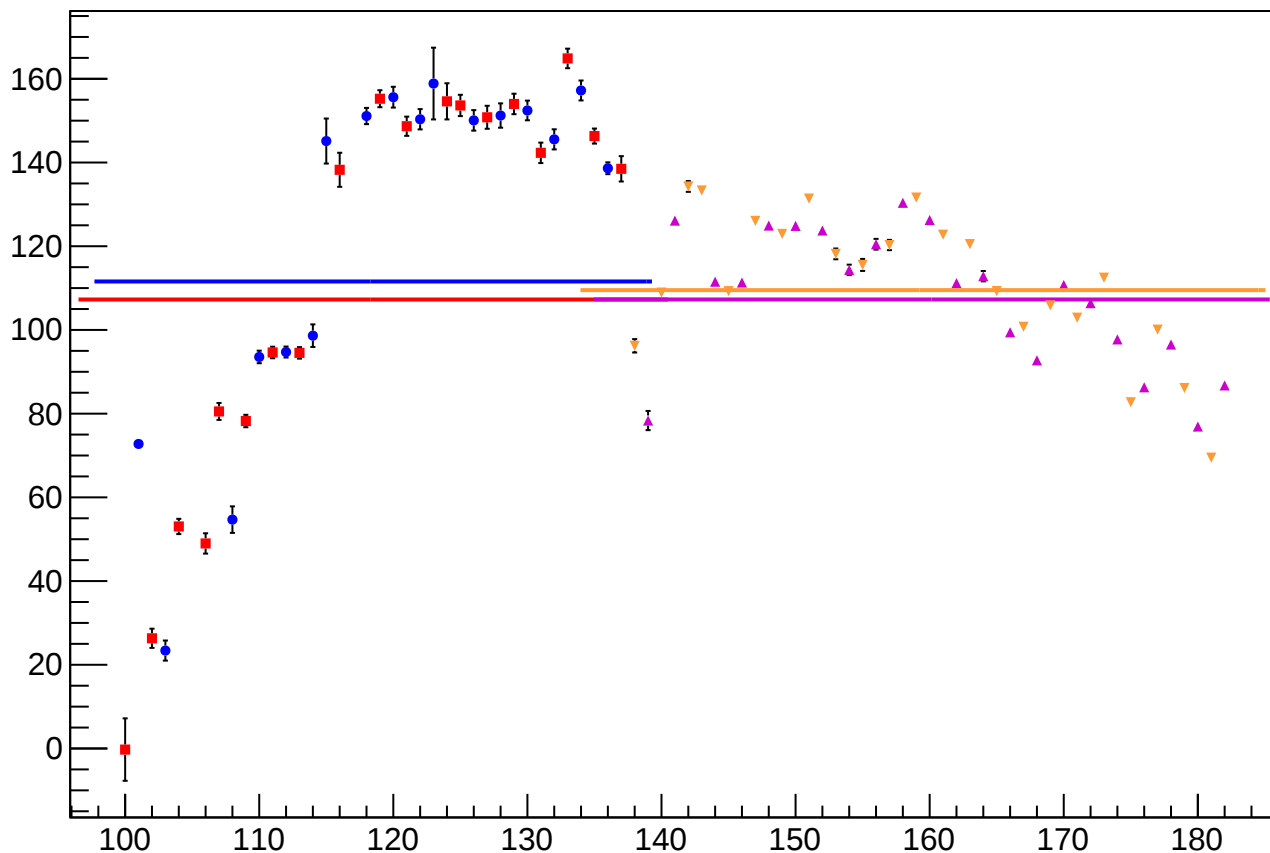
Right: -59.879 ± 0.512 χ^2/NDF : 3105.4/35

In: -57.075 ± 0.218 χ^2/NDF : 18245.1/38

Out: -58.729 ± 0.220 χ^2/NDF : 18396.6/41

All: -57.895 ± 0.155 χ^2/NDF : 36670.2/80

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 $\chi^2/\text{NDF}: 5946.0/16$

Left Out: 109.510 ± 0.203 $\chi^2/\text{NDF}: 7069.4/22$

Right Out: 107.273 ± 0.488 $\chi^2/\text{NDF}: 7044.9/18$

Left In: 107.282 ± 0.203 $\chi^2/\text{NDF}: 5576.2/21$

Left: 108.396 ± 0.144 $\chi^2/\text{NDF}: 12705.7/44$

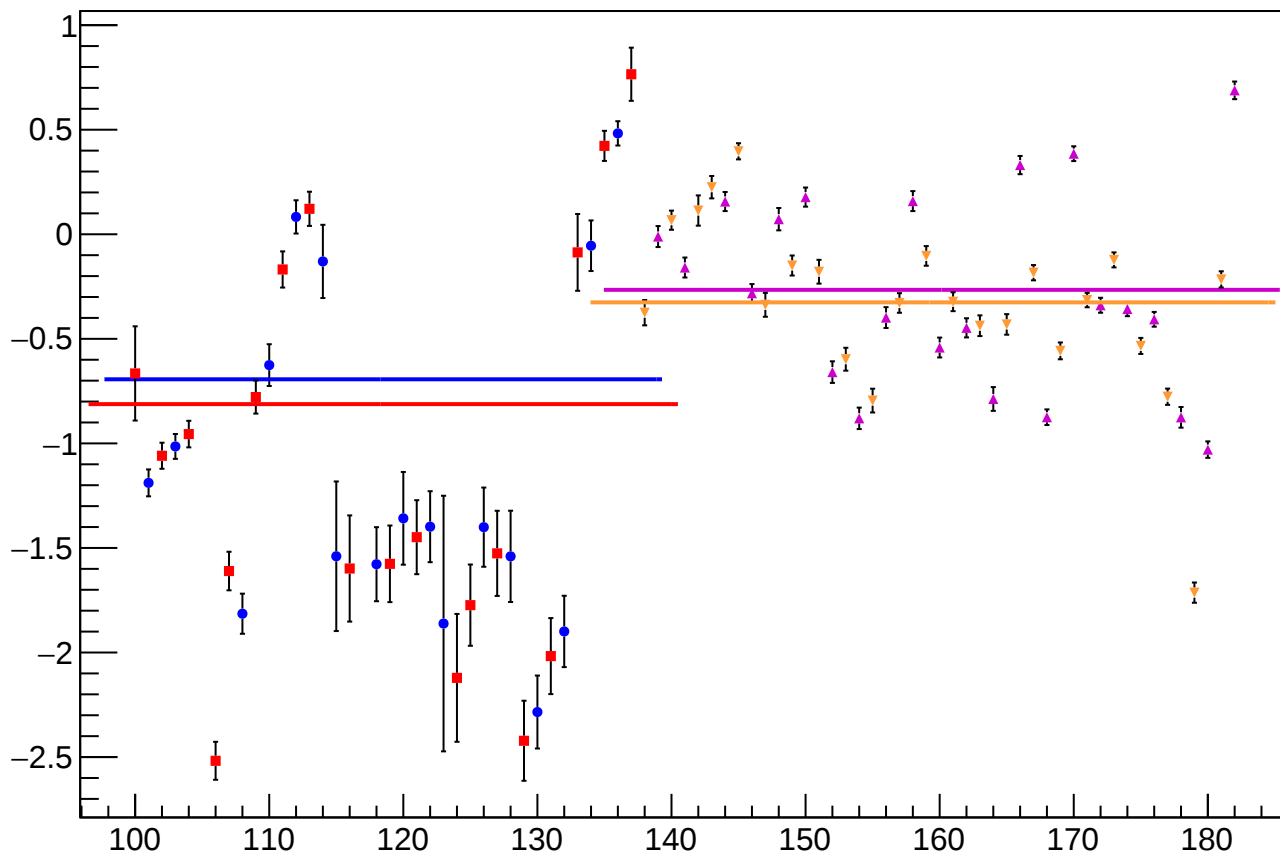
Right: 109.427 ± 0.345 $\chi^2/\text{NDF}: 13029.8/35$

In: 107.918 ± 0.188 $\chi^2/\text{NDF}: 11588.4/38$

Out: 109.179 ± 0.188 $\chi^2/\text{NDF}: 14132.2/41$

All: 108.549 ± 0.133 $\chi^2/\text{NDF}: 25743.1/80$

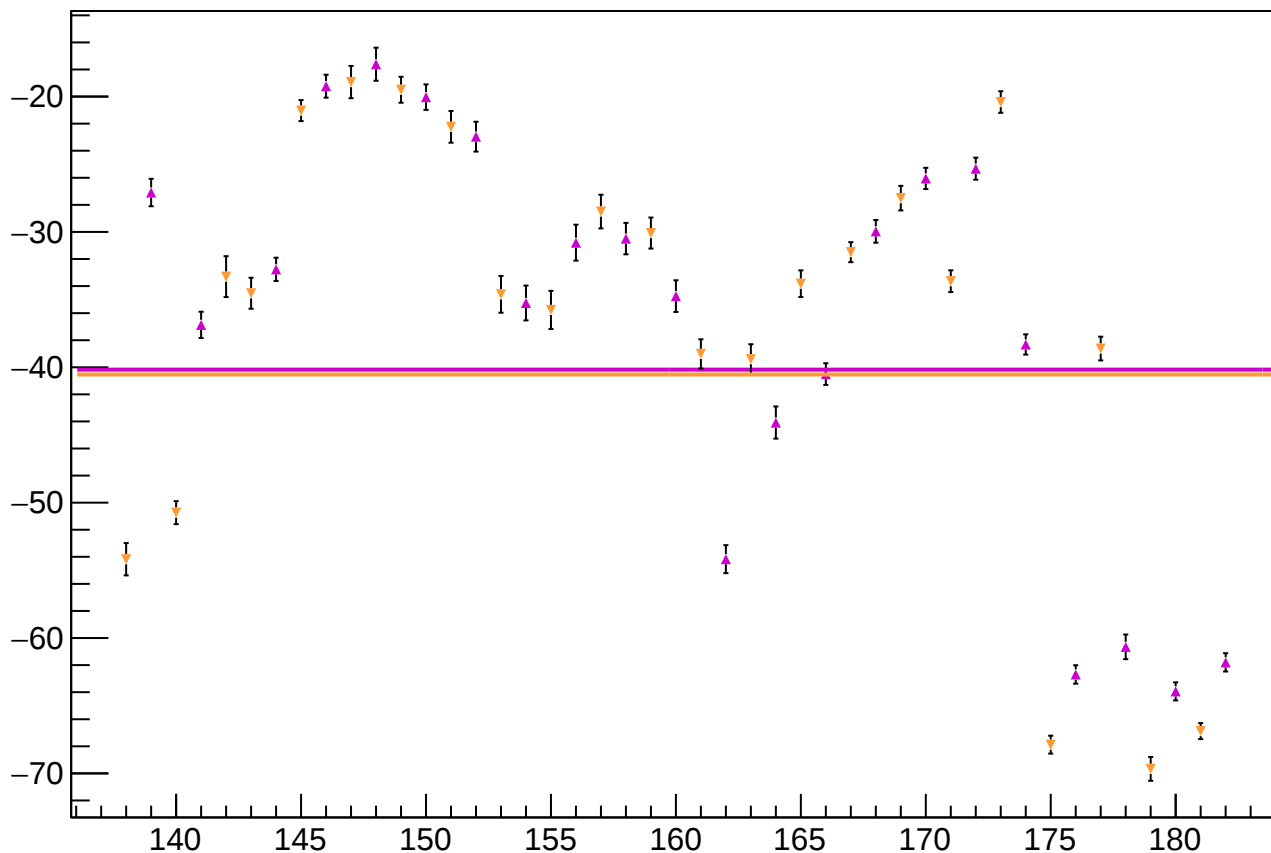
reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.694 ± 0.026 χ^2/NDF : 990.7/16
 Left Out: -0.326 ± 0.009 χ^2/NDF : 1788.1/22
 Right Out: -0.812 ± 0.024 χ^2/NDF : 1309.2/18
 Left In: -0.266 ± 0.009 χ^2/NDF : 2531.2/21

Left: -0.295 ± 0.007 χ^2/NDF : 4339.9/44
 Right: -0.756 ± 0.018 χ^2/NDF : 2311.1/35
 In: -0.315 ± 0.009 χ^2/NDF : 3765.2/38
 Out: -0.389 ± 0.009 χ^2/NDF : 3445.0/41
 All: -0.352 ± 0.006 χ^2/NDF : 7246.0/80

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -40.533+/-0.194 χ^2/NDF :8128.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Left: -40.351+/-0.136 χ^2/NDF : 15087.9/44

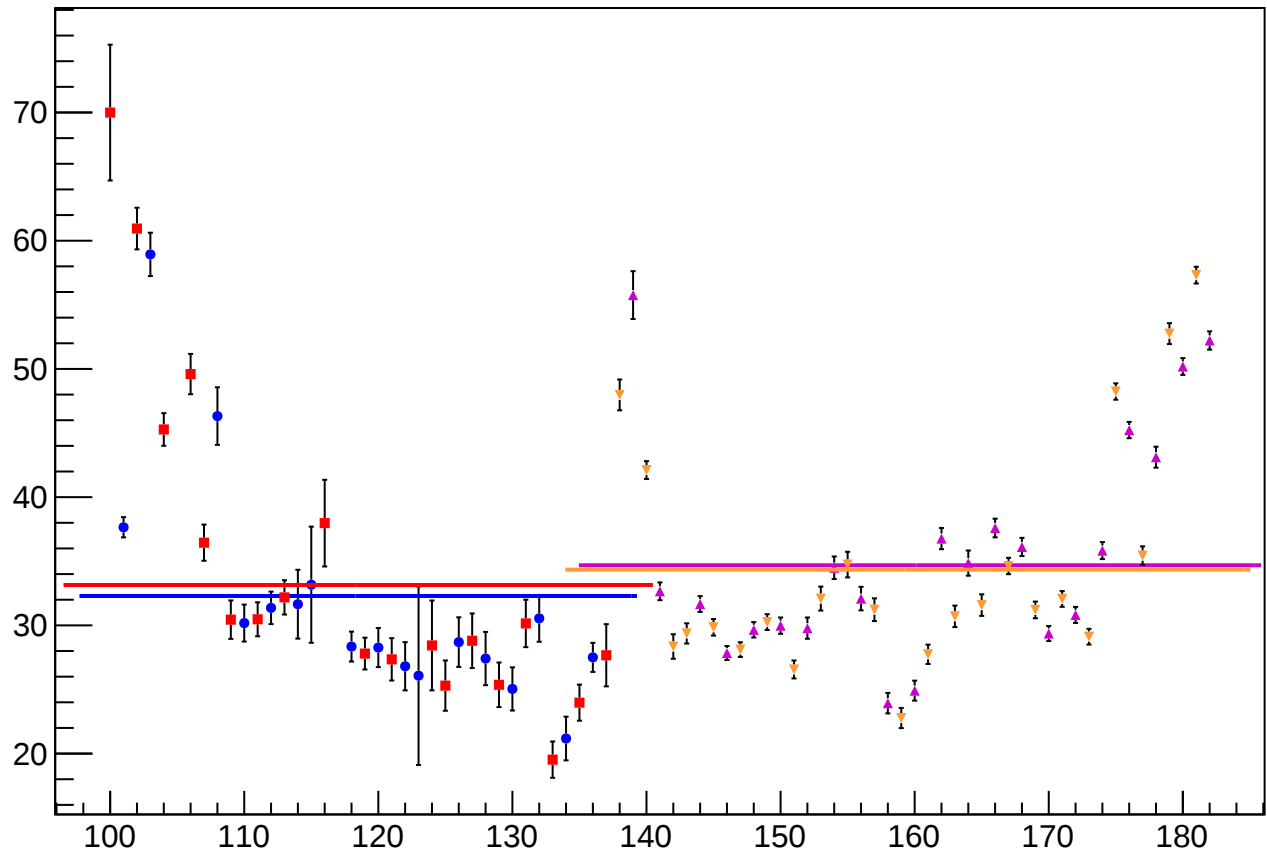
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.174+/-0.191 χ^2/NDF :6957.2/21

Out: -40.533+/-0.194 χ^2/NDF :8128.9/22

All: -40.351+/-0.136 χ^2/NDF : 15087.9/44

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: 34.346+/-0.152 χ^2/NDF : 3344.9/22

Right Out: 33.149+/-0.379 χ^2/NDF : 772.6/18

Left In: 34.687+/-0.152 χ^2/NDF : 2521.8/21

Left: 34.516+/-0.107 χ^2/NDF : 5869.3/44

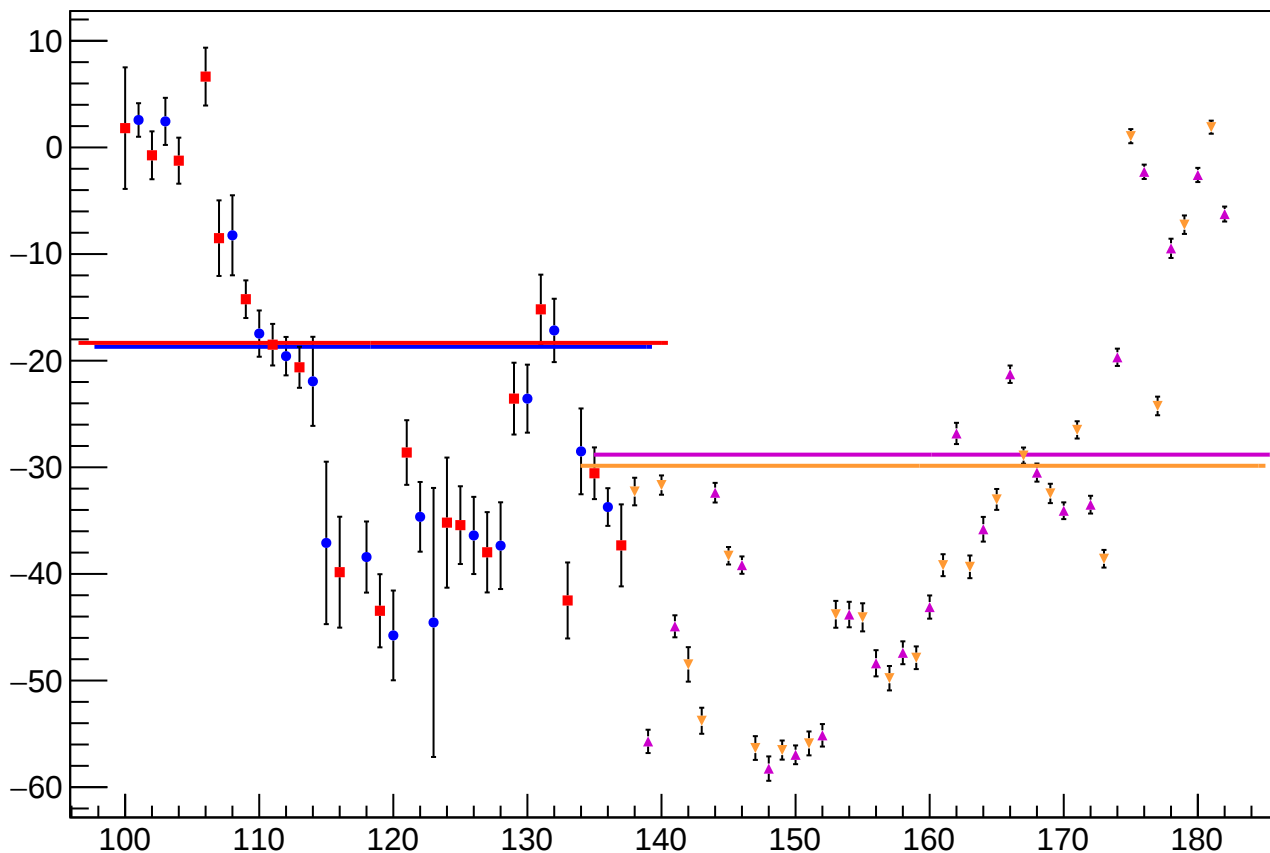
Right: 32.715+/-0.266 χ^2/NDF : 1227.8/35

In: 34.345+/-0.141 χ^2/NDF : 3009.7/38

Out: 34.181+/-0.141 χ^2/NDF : 4126.2/41

All: 34.263+/-0.100 χ^2/NDF : 7136.5/80

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -29.857 ± 0.194 χ^2/NDF : 9335.0/22

Right Out: -18.330 ± 0.643 χ^2/NDF : 474.0/18

Left In: -28.813 ± 0.191 χ^2/NDF : 9147.7/21

Left: -29.325 ± 0.136 χ^2/NDF : 18497.4/44

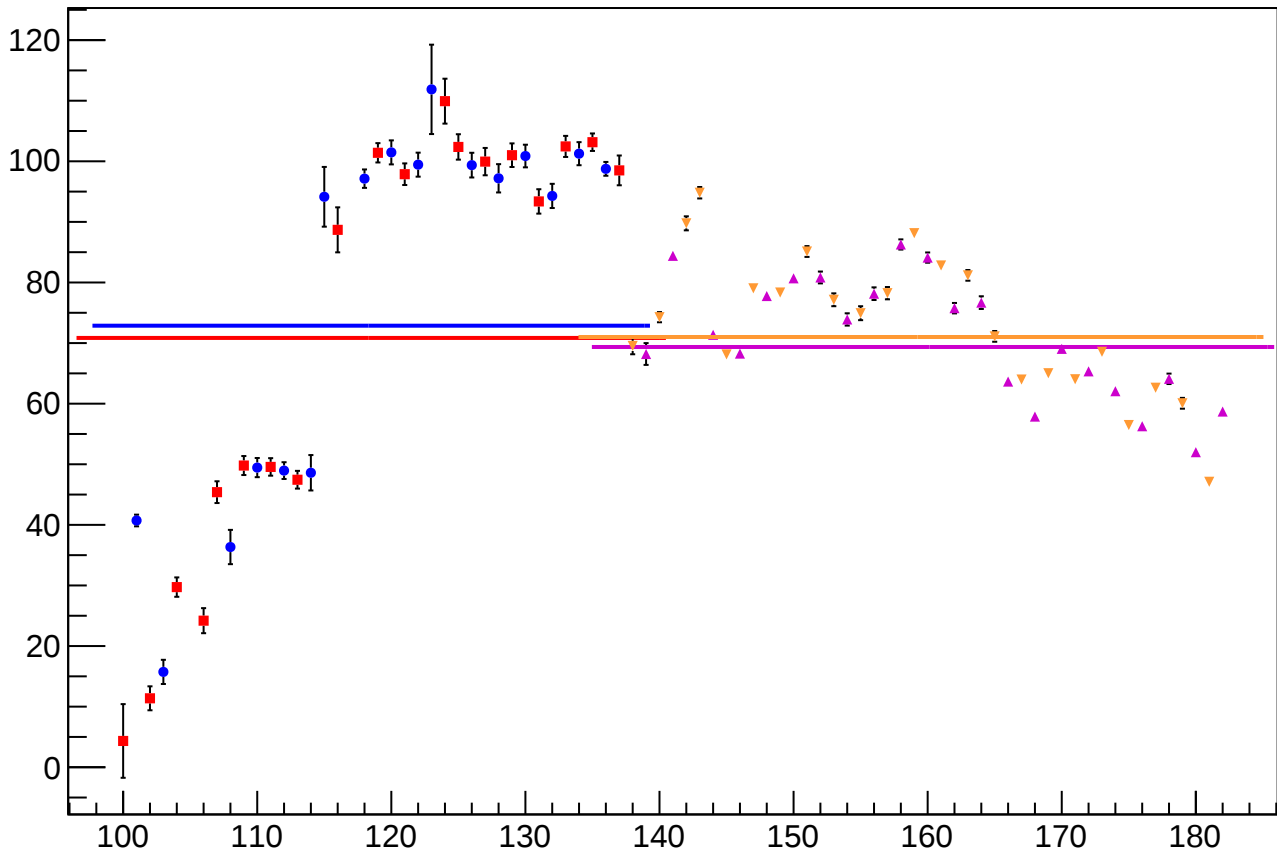
Right: -18.508 ± 0.463 χ^2/NDF : 993.2/35

In: -28.046 ± 0.184 χ^2/NDF : 9879.6/38

Out: -28.892 ± 0.186 χ^2/NDF : 10103.1/41

All: -28.463 ± 0.131 χ^2/NDF : 19993.2/80

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 ± 0.427 $\chi^2/\text{NDF}: 4727.1/16$

Left Out: 71.004 ± 0.171 $\chi^2/\text{NDF}: 4446.3/22$

Right Out: 70.851 ± 0.433 $\chi^2/\text{NDF}: 5495.4/18$

Left In: 69.356 ± 0.171 $\chi^2/\text{NDF}: 3330.7/21$

Left: 70.178 ± 0.121 $\chi^2/\text{NDF}: 7823.2/44$

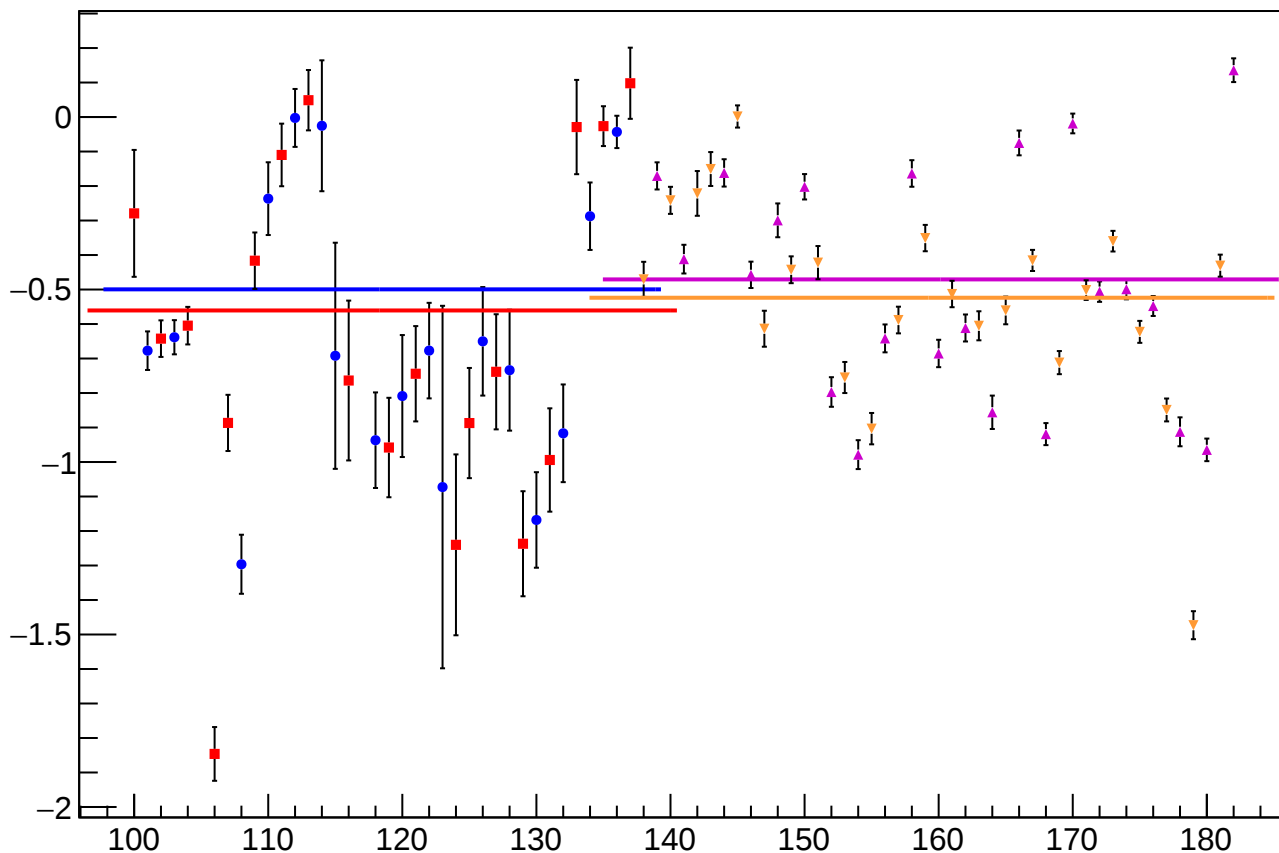
Right: 71.876 ± 0.304 $\chi^2/\text{NDF}: 10233.6/35$

In: 69.843 ± 0.159 $\chi^2/\text{NDF}: 8116.3/38$

Out: 70.983 ± 0.159 $\chi^2/\text{NDF}: 9941.8/41$

All: 70.411 ± 0.112 $\chi^2/\text{NDF}: 18083.7/80$

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 $\pm$ 0.022 χ^2/NDF : 302.6/16

Left Out: -0.524 $\pm$ 0.008 χ^2/NDF :1270.0/22

Right Out: -0.561 $\pm$ 0.021 χ^2/NDF : 561.8/18

Left In: -0.471 $\pm$ 0.008 χ^2/NDF :1805.1/21

Left: -0.497 $\pm$ 0.006 χ^2/NDF : 3098.2/44

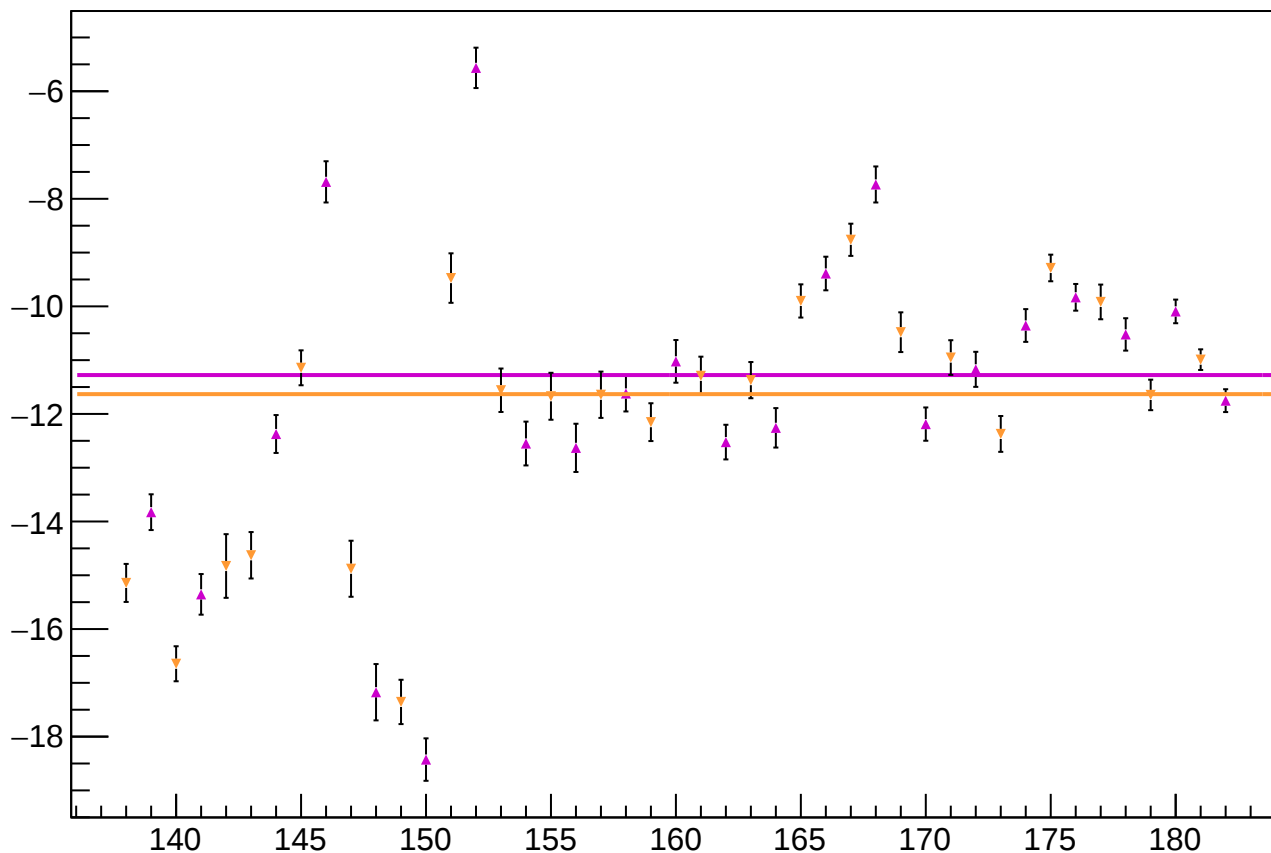
Right: -0.531 $\pm$ 0.015 χ^2/NDF : 868.3/35

In: -0.474 $\pm$ 0.007 χ^2/NDF :2109.2/38

Out: -0.528 $\pm$ 0.007 χ^2/NDF :1834.4/41

All: -0.501 $\pm$ 0.005 χ^2/NDF : 3970.9/80

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



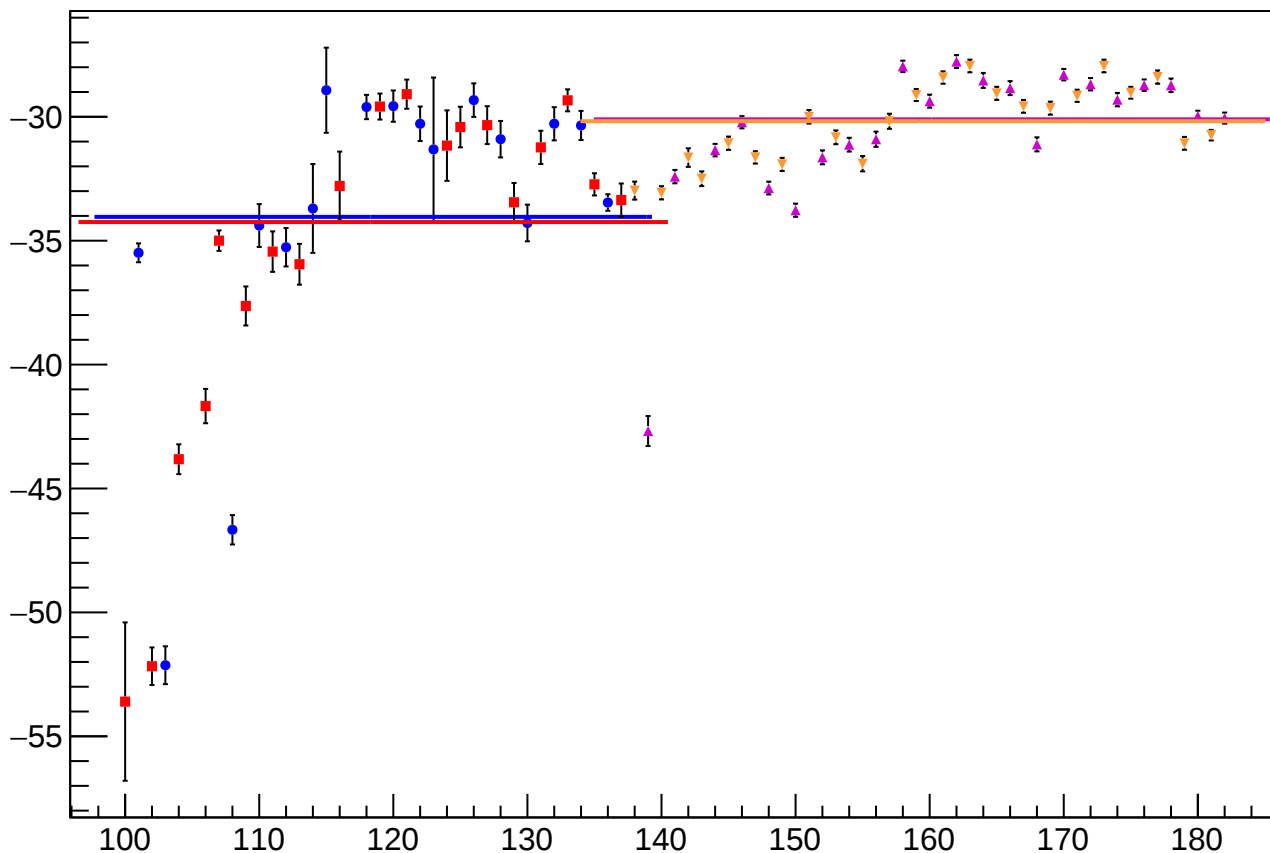
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -11.632 ± 0.070 χ^2/NDF : 945.0/22
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -11.277 ± 0.069 χ^2/NDF : 1242.5/21

Left: -11.452 ± 0.049 χ^2/NDF : 2200.6/44
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -11.277 ± 0.069 χ^2/NDF : 1242.5/21
 Out: -11.632 ± 0.070 χ^2/NDF : 945.0/22

All: -11.452 ± 0.049 χ^2/NDF : 2200.6/44

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -30.177 ± 0.056 χ^2/NDF : 727.8/22

Right Out: -34.248 ± 0.151 χ^2/NDF : 1357.5/18

Left In: -30.102 ± 0.056 χ^2/NDF : 1280.5/21

Left: -30.140 ± 0.039 χ^2/NDF : 2009.2/44

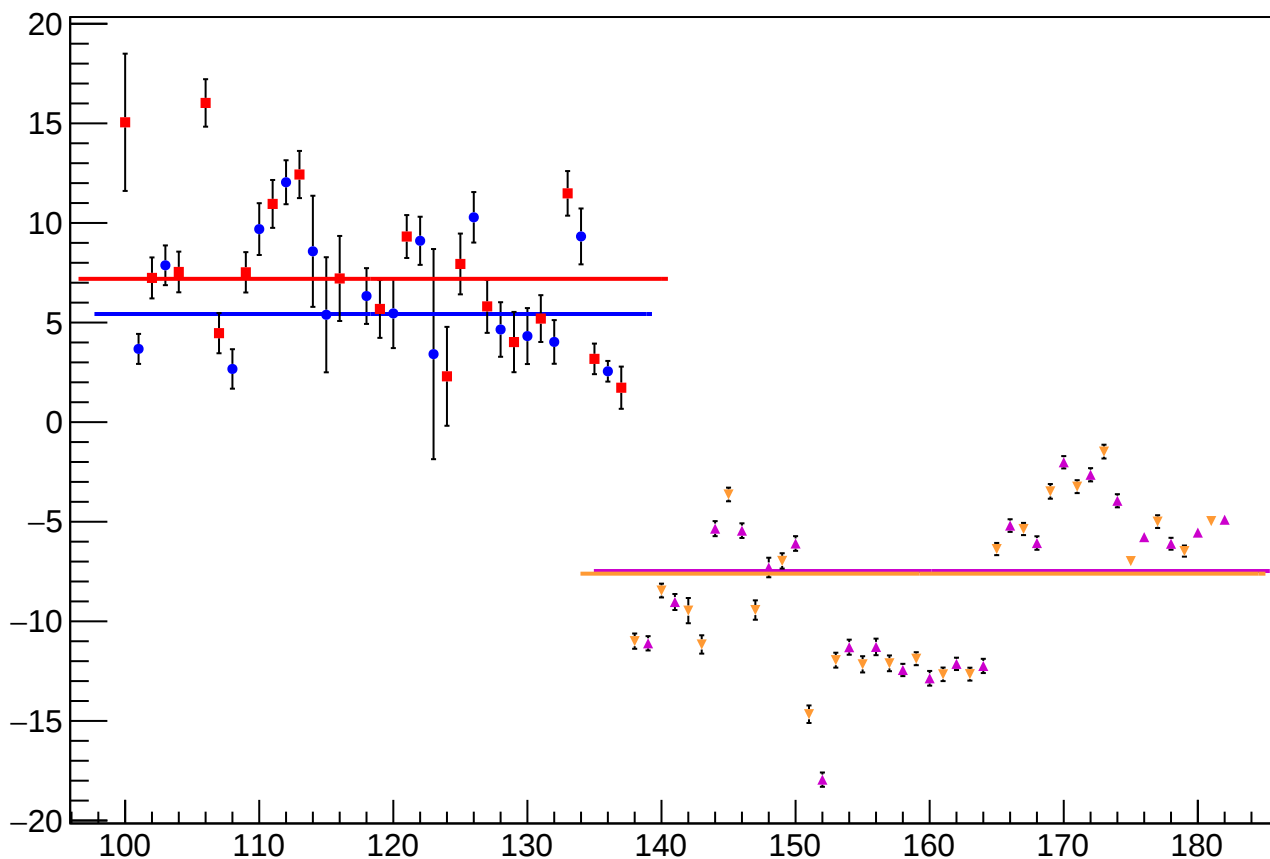
Right: -34.143 ± 0.107 χ^2/NDF : 2701.4/35

In: -30.578 ± 0.052 χ^2/NDF : 3221.6/38

Out: -30.666 ± 0.052 χ^2/NDF : 2727.8/41

All: -30.622 ± 0.037 χ^2/NDF : 5950.8/80

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -7.607 ± 0.070 $\chi^2/\text{NDF}: 2534.8/22$

Right Out: 7.195 ± 0.274 $\chi^2/\text{NDF}: 183.1/18$

Left In: -7.474 ± 0.069 $\chi^2/\text{NDF}: 3093.5/21$

Left: -7.539 ± 0.049 $\chi^2/\text{NDF}: 5630.2/44$

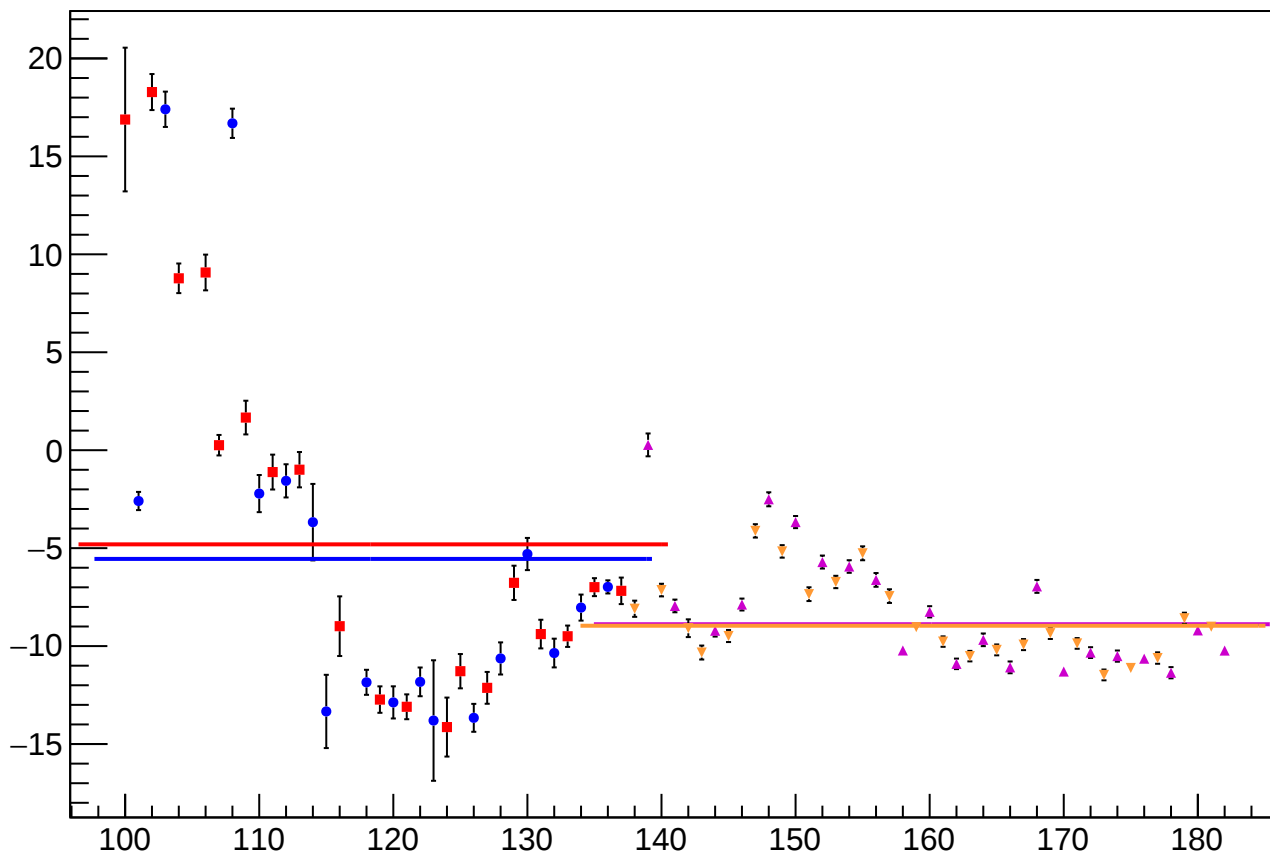
Right: 6.298 ± 0.192 $\chi^2/\text{NDF}: 336.8/35$

In: -6.692 ± 0.066 $\chi^2/\text{NDF}: 5373.3/38$

Out: -6.702 ± 0.068 $\chi^2/\text{NDF}: 5456.3/41$

All: -6.697 ± 0.047 $\chi^2/\text{NDF}: 10829.6/80$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 $\chi^2/\text{NDF}: 2126.6/16$

Left Out: -8.961 ± 0.062 $\chi^2/\text{NDF}: 870.3/22$

Right Out: -4.806 ± 0.173 $\chi^2/\text{NDF}: 2048.2/18$

Left In: -8.884 ± 0.062 $\chi^2/\text{NDF}: 1582.0/21$

Left: -8.922 ± 0.044 $\chi^2/\text{NDF}: 2453.0/44$

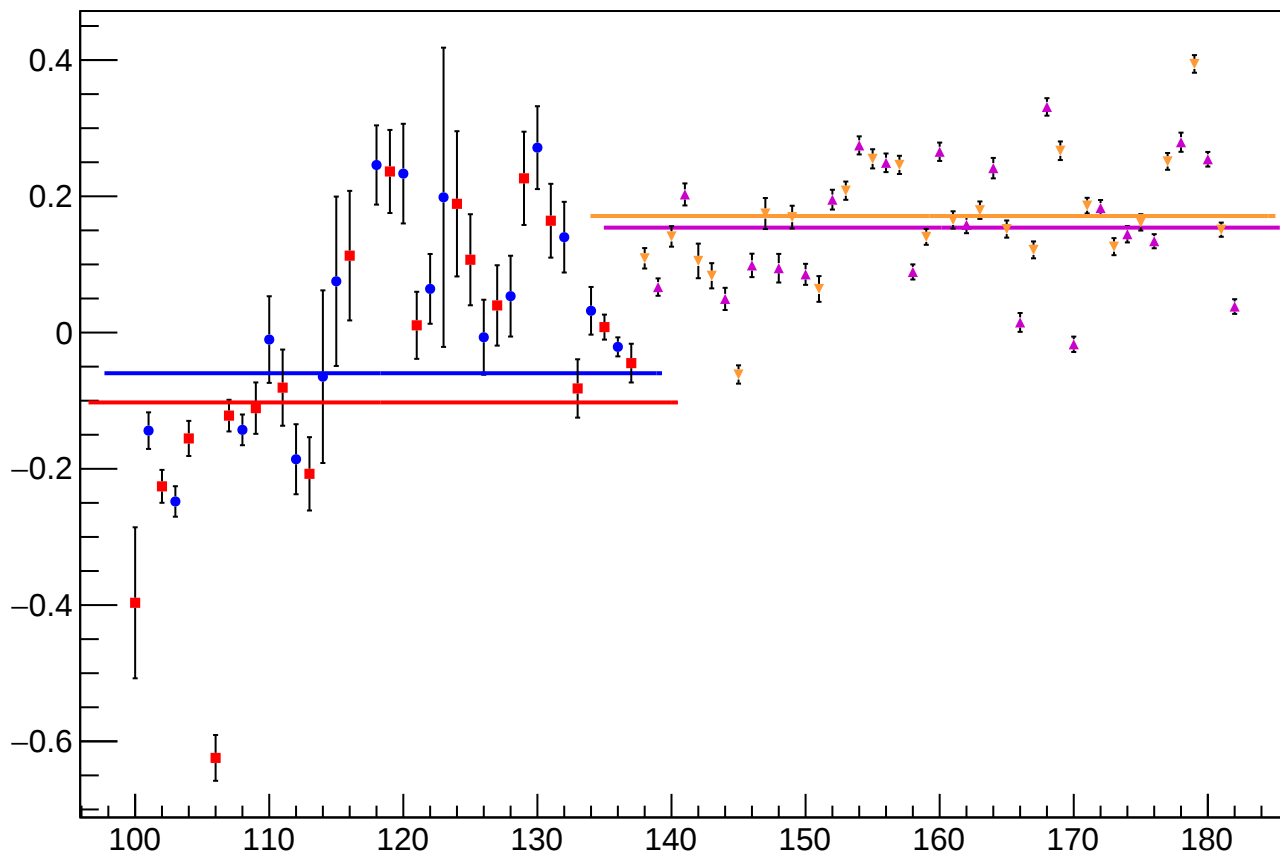
Right: -5.183 ± 0.121 $\chi^2/\text{NDF}: 4184.2/35$

In: -8.491 ± 0.058 $\chi^2/\text{NDF}: 4047.6/38$

Out: -8.481 ± 0.059 $\chi^2/\text{NDF}: 3430.6/41$

All: -8.486 ± 0.041 $\chi^2/\text{NDF}: 7478.2/80$

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.060 ± 0.008 χ^2/NDF : 216.6/16

Left Out: 0.171 ± 0.003 χ^2/NDF : 890.2/22

Right Out: -0.103 ± 0.008 χ^2/NDF : 435.4/18

Left In: 0.154 ± 0.003 χ^2/NDF : 1226.0/21

Left: 0.162 ± 0.002 χ^2/NDF : 2134.6/44

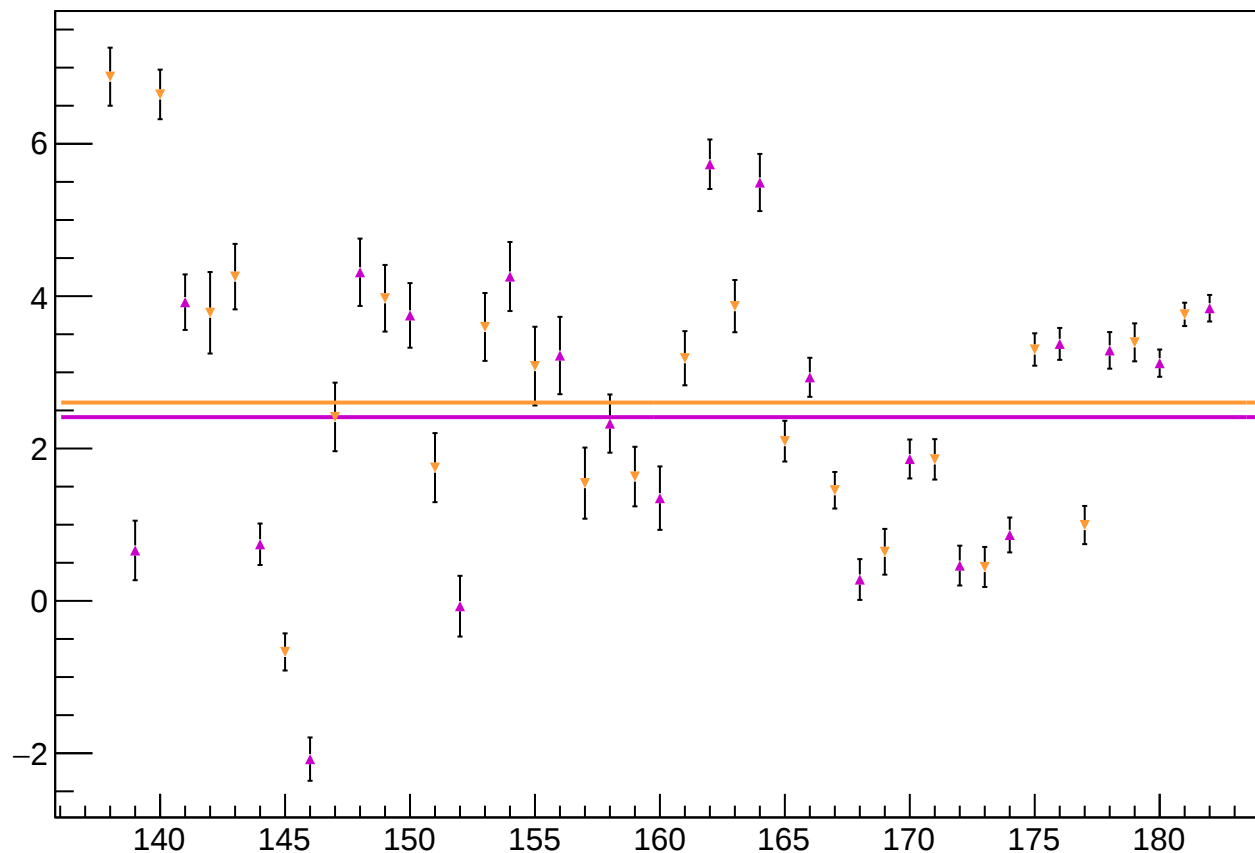
Right: -0.081 ± 0.006 χ^2/NDF : 665.0/35

In: 0.133 ± 0.003 χ^2/NDF : 2026.4/38

Out: 0.143 ± 0.003 χ^2/NDF : 2274.0/41

All: 0.138 ± 0.002 χ^2/NDF : 4307.8/80

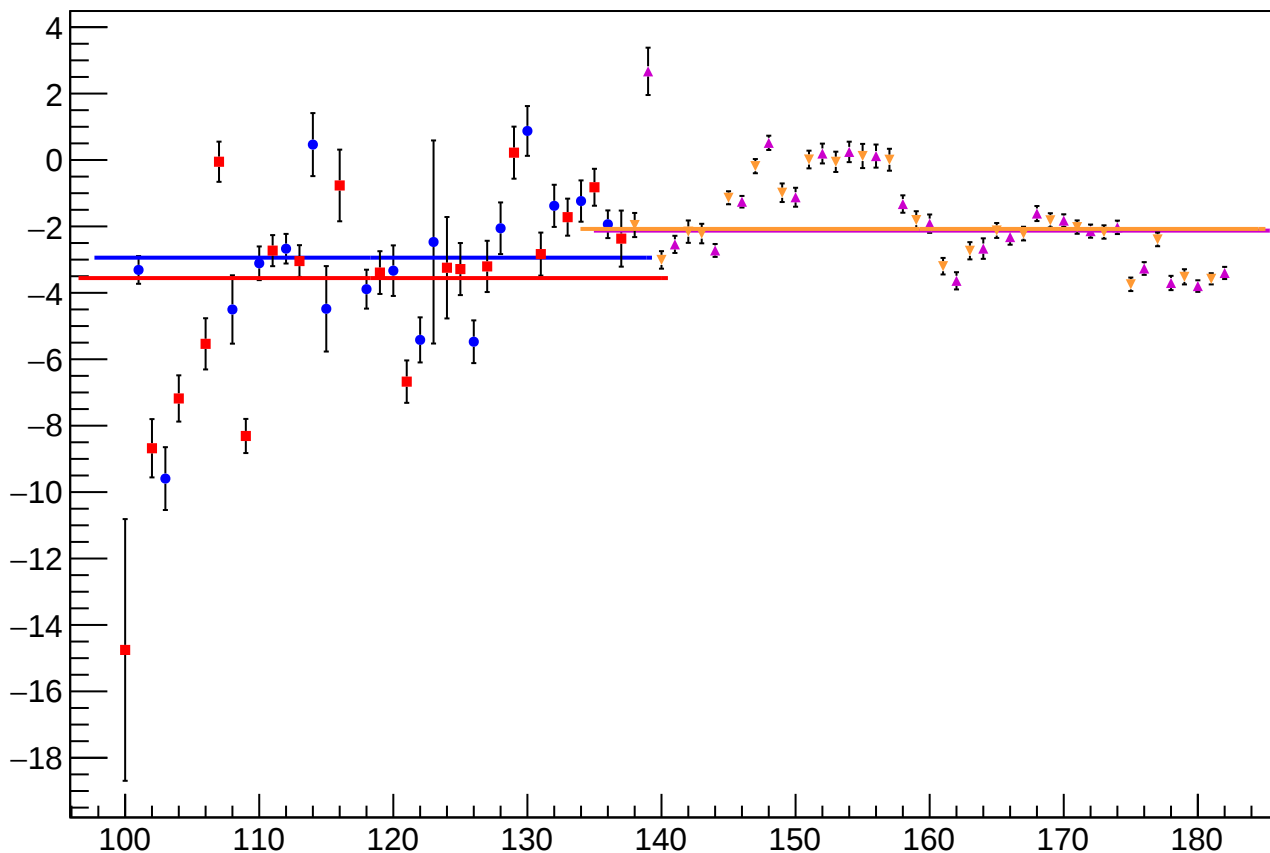
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.603 $\pm$ 0.062 χ^2/NDF :790.7/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.412 $\pm$ 0.060 χ^2/NDF :878.9/21

Left: 2.505 $\pm$ 0.043 χ^2/NDF : 1674.5/44
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.412 $\pm$ 0.060 χ^2/NDF :878.9/21
 Out: 2.603 $\pm$ 0.062 χ^2/NDF :790.7/22
 All: 2.505 $\pm$ 0.043 χ^2/NDF : 1674.5/44

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: -2.076 ± 0.050 χ^2/NDF : 529.0/22

Right Out: -3.556 ± 0.155 χ^2/NDF : 291.6/18

Left In: -2.127 ± 0.049 χ^2/NDF : 691.5/21

Left: -2.102 ± 0.035 χ^2/NDF : 1221.0/44

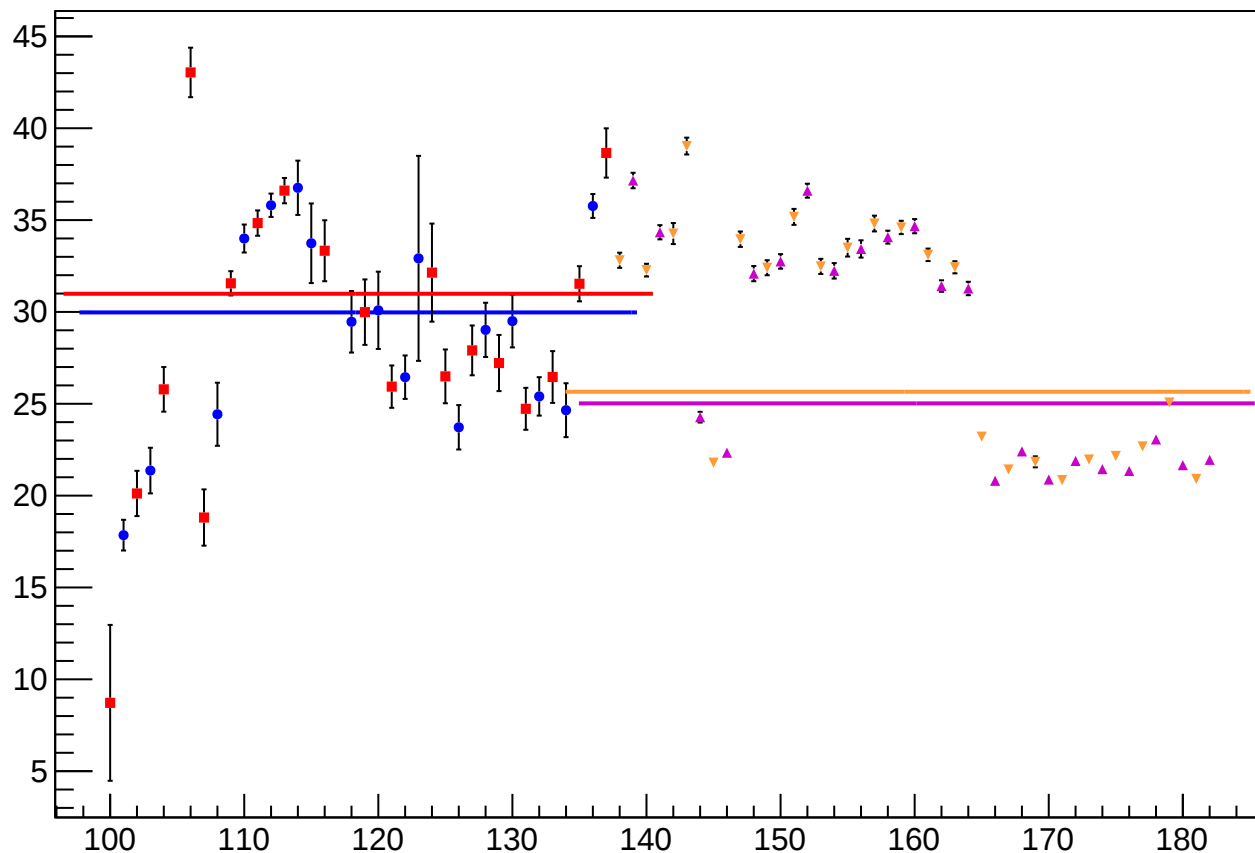
Right: -3.248 ± 0.109 χ^2/NDF : 445.2/35

In: -2.201 ± 0.046 χ^2/NDF : 862.4/38

Out: -2.214 ± 0.047 χ^2/NDF : 903.8/41

All: -2.207 ± 0.033 χ^2/NDF : 1766.2/80

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.974 $\pm$ 0.267 χ^2 /NDF: 553.9/16

Left Out: 25.655 $\pm$ 0.062 χ^2 /NDF: 7959.1/22

Right Out: 30.989 $\pm$ 0.260 χ^2 /NDF: 481.0/18

Left In: 25.022 $\pm$ 0.060 χ^2 /NDF: 7688.5/21

Left: 25.328 $\pm$ 0.043 χ^2 /NDF: 15701.1/44

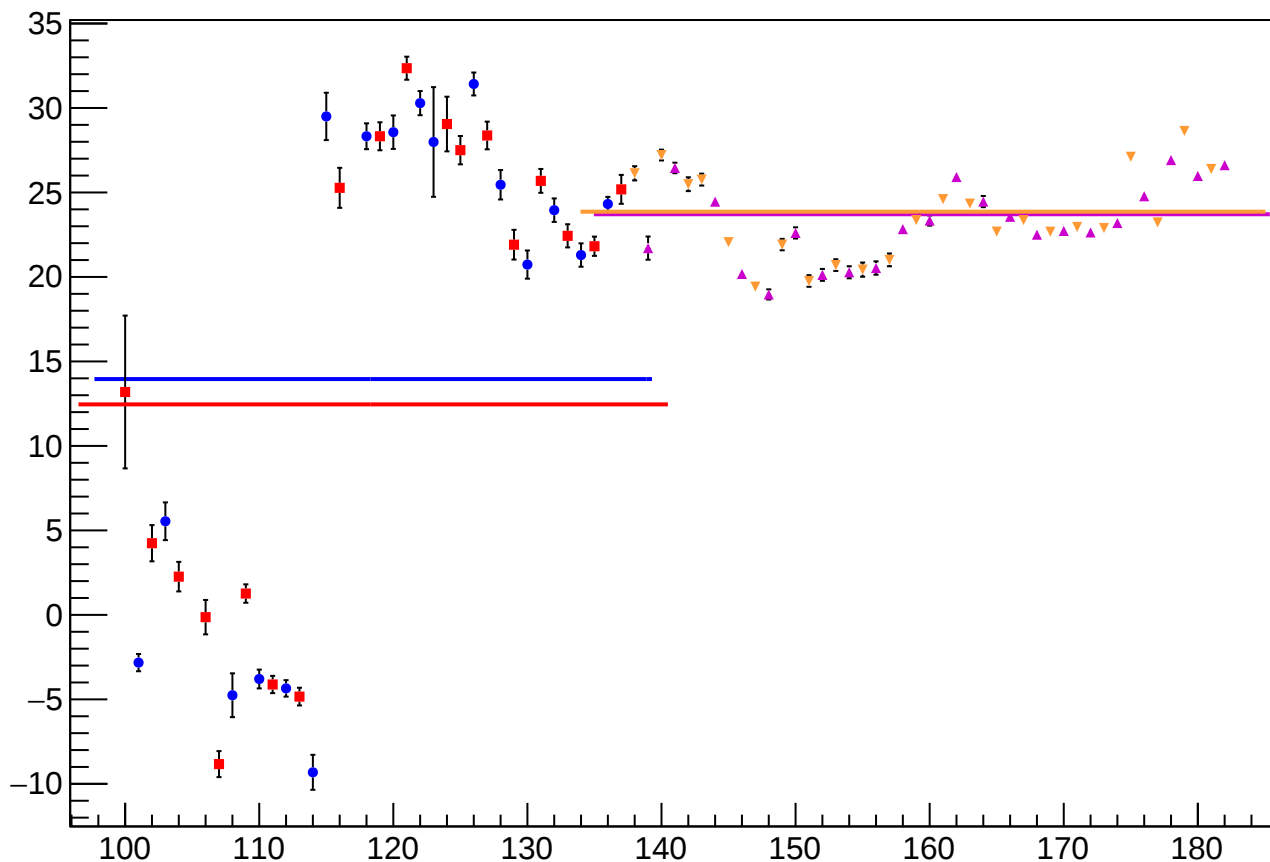
Right: 30.495 $\pm$ 0.186 χ^2 /NDF: 1042.4/35

In: 25.261 $\pm$ 0.059 χ^2 /NDF: 8569.3/38

Out: 25.945 $\pm$ 0.061 χ^2 /NDF: 8838.2/41

All: 25.593 $\pm$ 0.042 χ^2 /NDF: 17473.1/80

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 23.863 $\pm$ 0.056 χ^2 /NDF:1757.0/22

Right Out: 12.458 $\pm$ 0.174 χ^2 /NDF: 6979.9/18

Left In: 23.711 $\pm$ 0.054 χ^2 /NDF:1629.4/21

Left: 23.785 $\pm$ 0.039 χ^2 /NDF: 3390.1/44

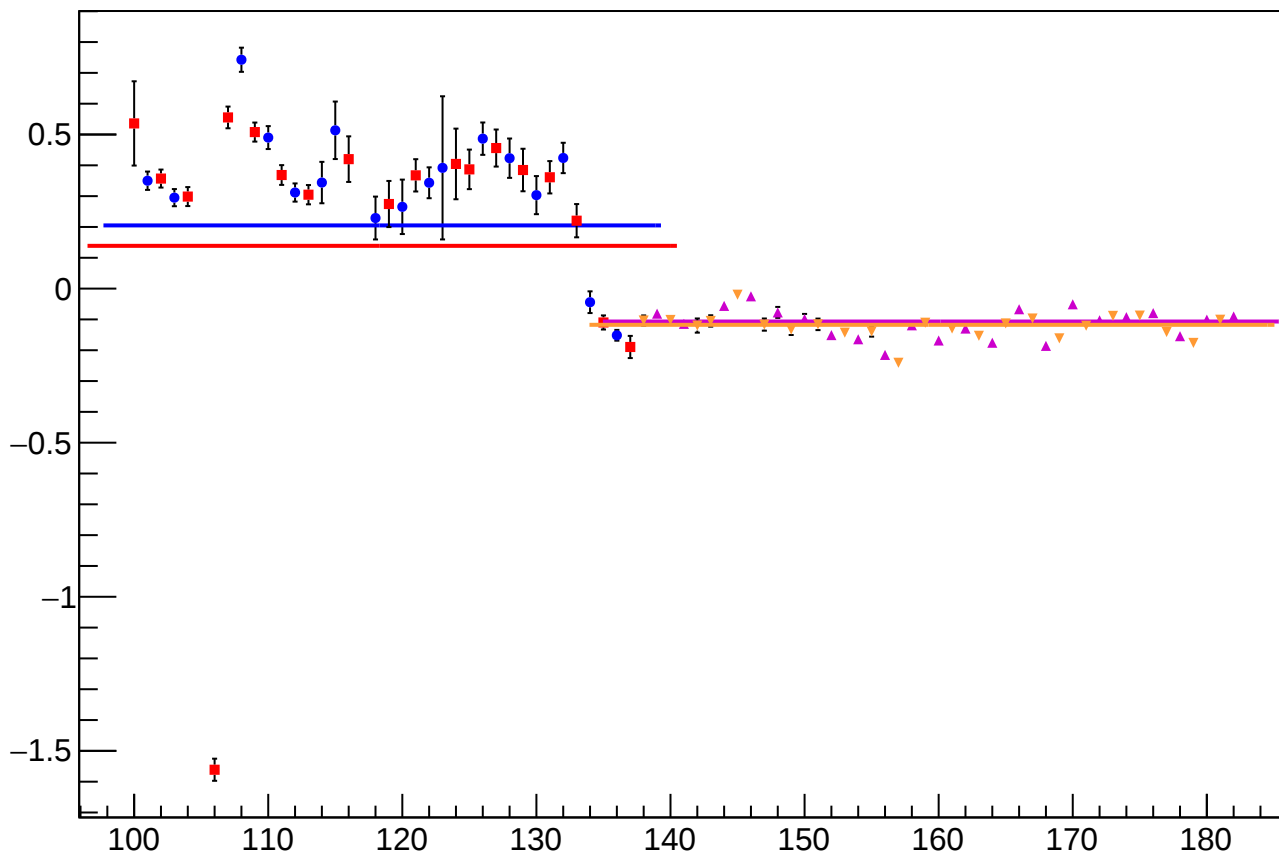
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/35

In: 22.825 $\pm$ 0.052 χ^2 /NDF:11891.4/38

Out: 22.801 $\pm$ 0.053 χ^2 /NDF:12650.4/41

All: 22.813 $\pm$ 0.037 χ^2 /NDF: 24542.0/80

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: -0.118 ± 0.003 $\chi^2/\text{NDF}: 254.4/22$

Right Out: 0.139 ± 0.009 $\chi^2/\text{NDF}: 3016.4/18$

Left In: -0.107 ± 0.002 $\chi^2/\text{NDF}: 321.9/21$

Left: -0.112 ± 0.002 $\chi^2/\text{NDF}: 585.2/44$

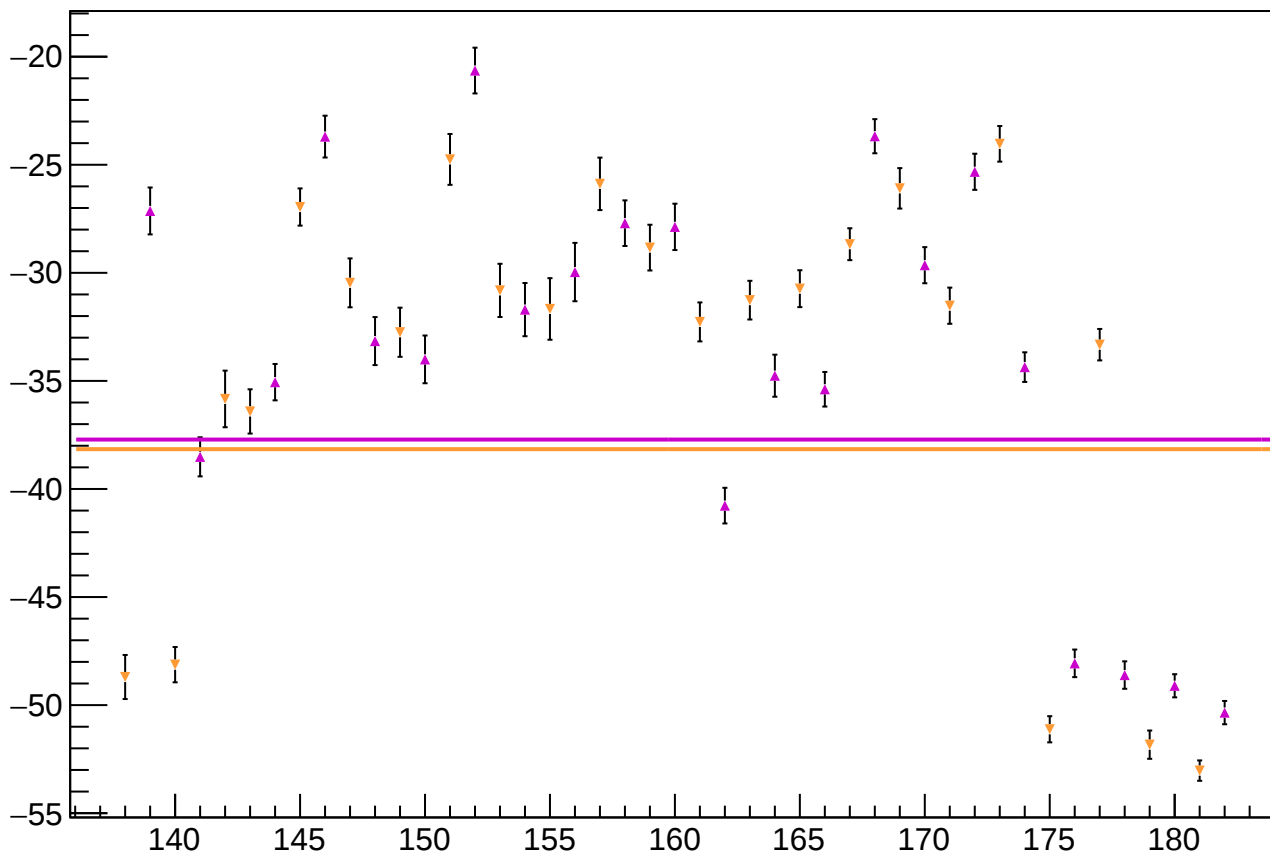
Right: 0.171 ± 0.007 $\chi^2/\text{NDF}: 3888.5/35$

In: -0.086 ± 0.002 $\chi^2/\text{NDF}: 2203.1/38$

Out: -0.099 ± 0.002 $\chi^2/\text{NDF}: 3991.8/41$

All: -0.093 ± 0.002 $\chi^2/\text{NDF}: 6208.7/80$

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Left: -37.932+/-0.125 χ^2/NDF : 6748.2/44

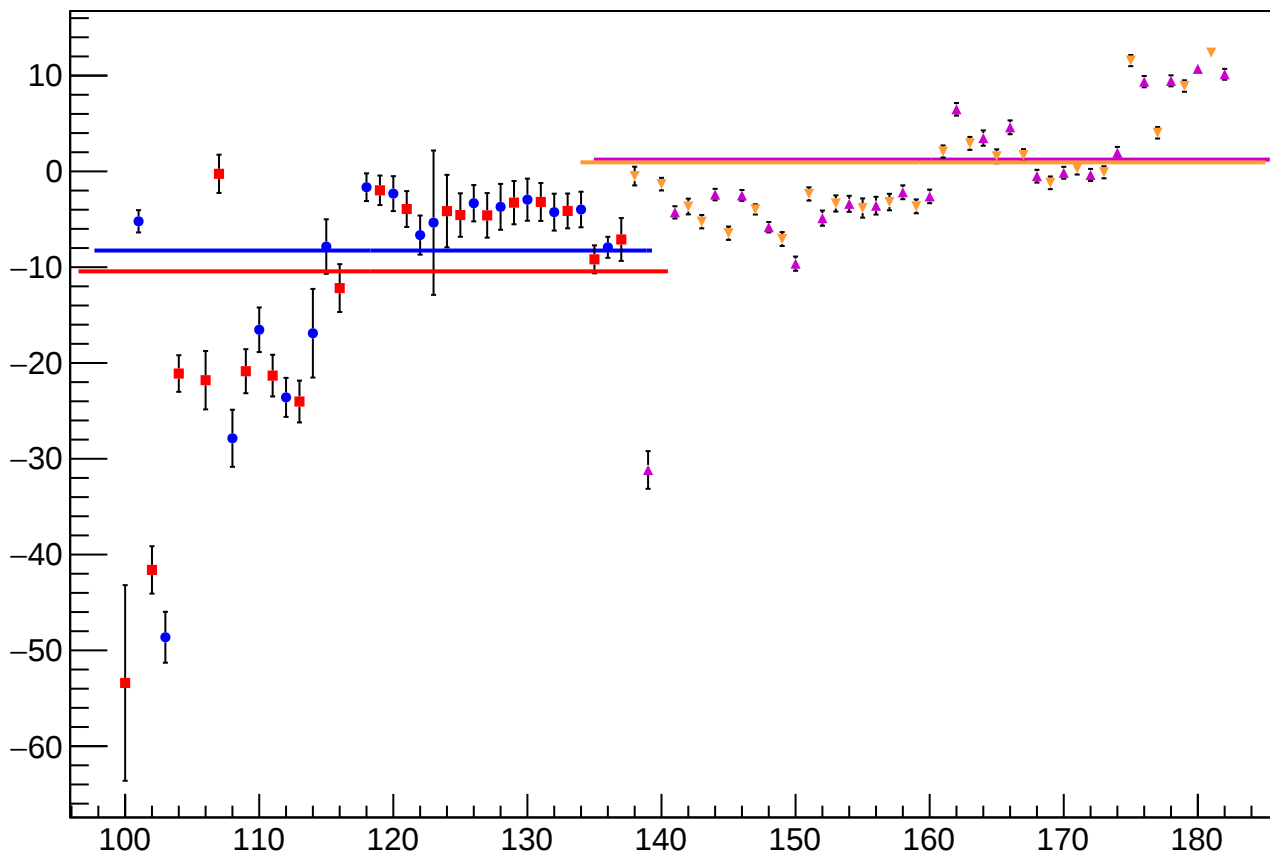
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.713+/-0.175 χ^2/NDF :3077.7/21

Out: -38.158+/-0.178 χ^2/NDF :3667.3/22

All: -37.932+/-0.125 χ^2/NDF : 6748.2/44

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: 0.944 ± 0.141 χ^2/NDF : 1626.3/22

Right Out: -10.433 ± 0.491 χ^2/NDF : 428.7/18

Left In: 1.232 ± 0.141 χ^2/NDF : 2061.9/21

Left: 1.088 ± 0.100 χ^2/NDF : 3690.3/44

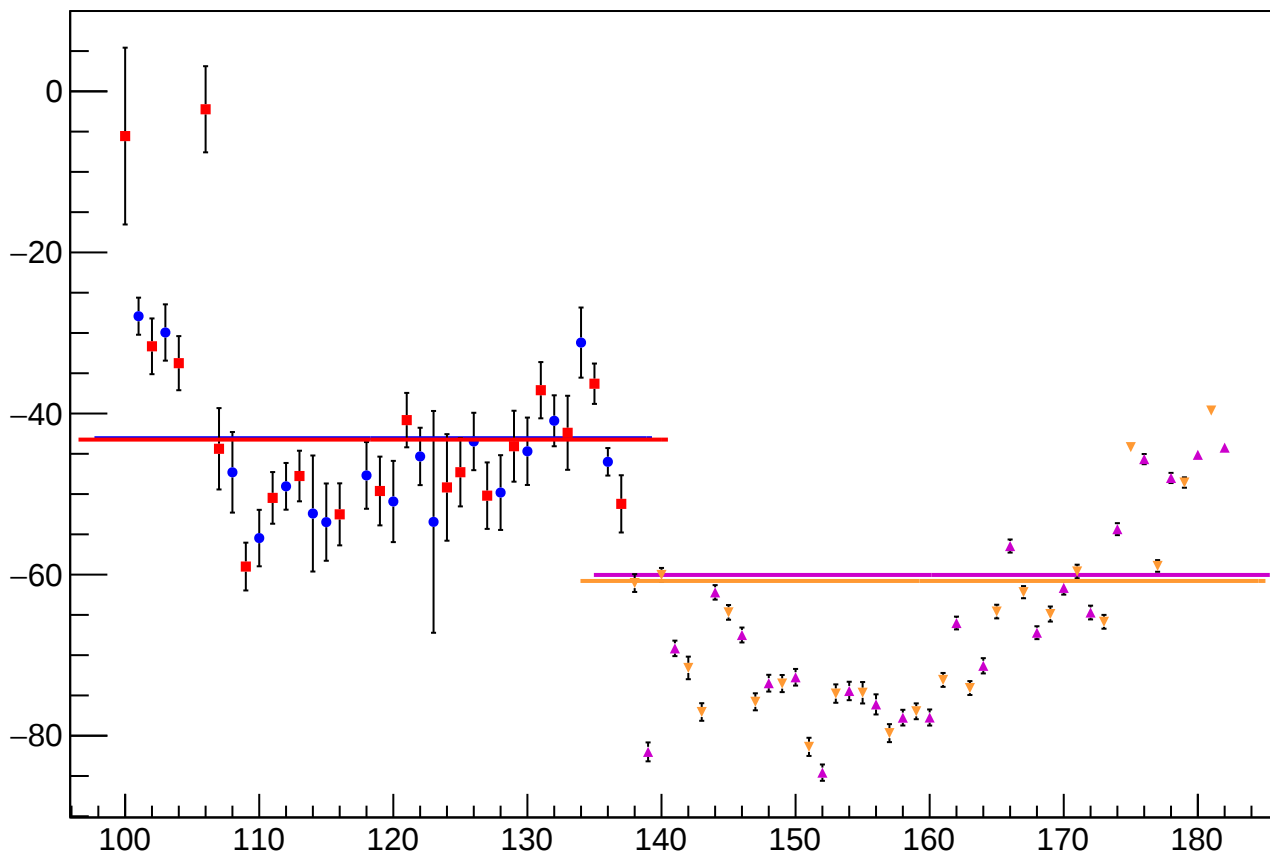
Right: -9.283 ± 0.337 χ^2/NDF : 850.9/35

In: 0.426 ± 0.135 χ^2/NDF : 2859.1/38

Out: 0.080 ± 0.135 χ^2/NDF : 2552.0/41

All: 0.254 ± 0.095 χ^2/NDF : 5414.4/80

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 χ^2/NDF : 99.0/16

Left Out: -60.786 ± 0.179 χ^2/NDF : 5299.2/22

Right Out: -43.237 ± 0.866 χ^2/NDF : 154.2/18

Left In: -60.039 ± 0.175 χ^2/NDF : 5238.7/21

Left: -60.405 ± 0.125 χ^2/NDF : 10546.8/44

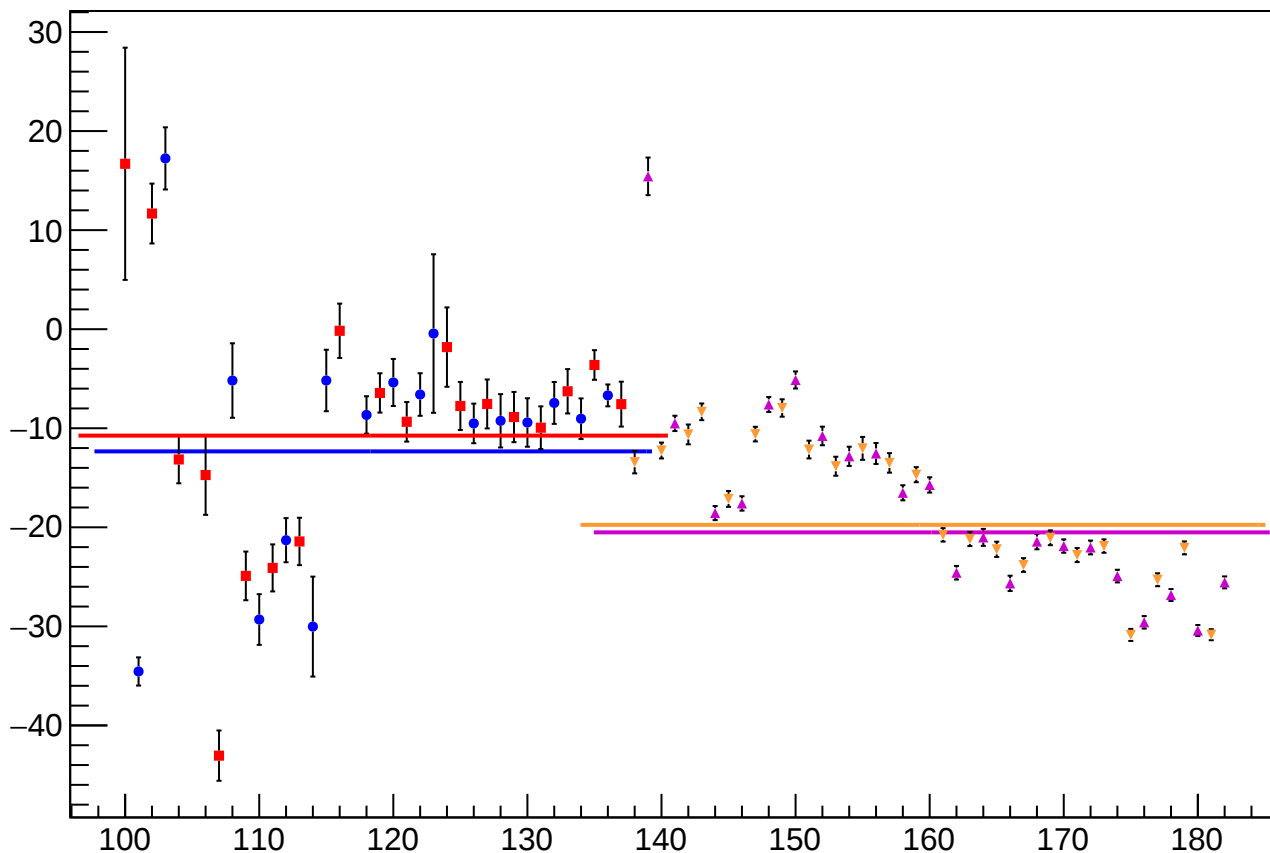
Right: -43.147 ± 0.601 χ^2/NDF : 253.3/35

In: -59.325 ± 0.171 χ^2/NDF : 5733.4/38

Out: -60.071 ± 0.175 χ^2/NDF : 5847.2/41

All: -59.690 ± 0.122 χ^2/NDF : 11589.9/80

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 χ^2/NDF : 475.2/16

Left Out: -19.751 ± 0.159 χ^2/NDF : 1864.8/22

Right Out: -10.743 ± 0.553 χ^2/NDF : 366.9/18

Left In: -20.511 ± 0.158 χ^2/NDF : 2327.7/21

Left: -20.133 ± 0.112 χ^2/NDF : 4204.1/44

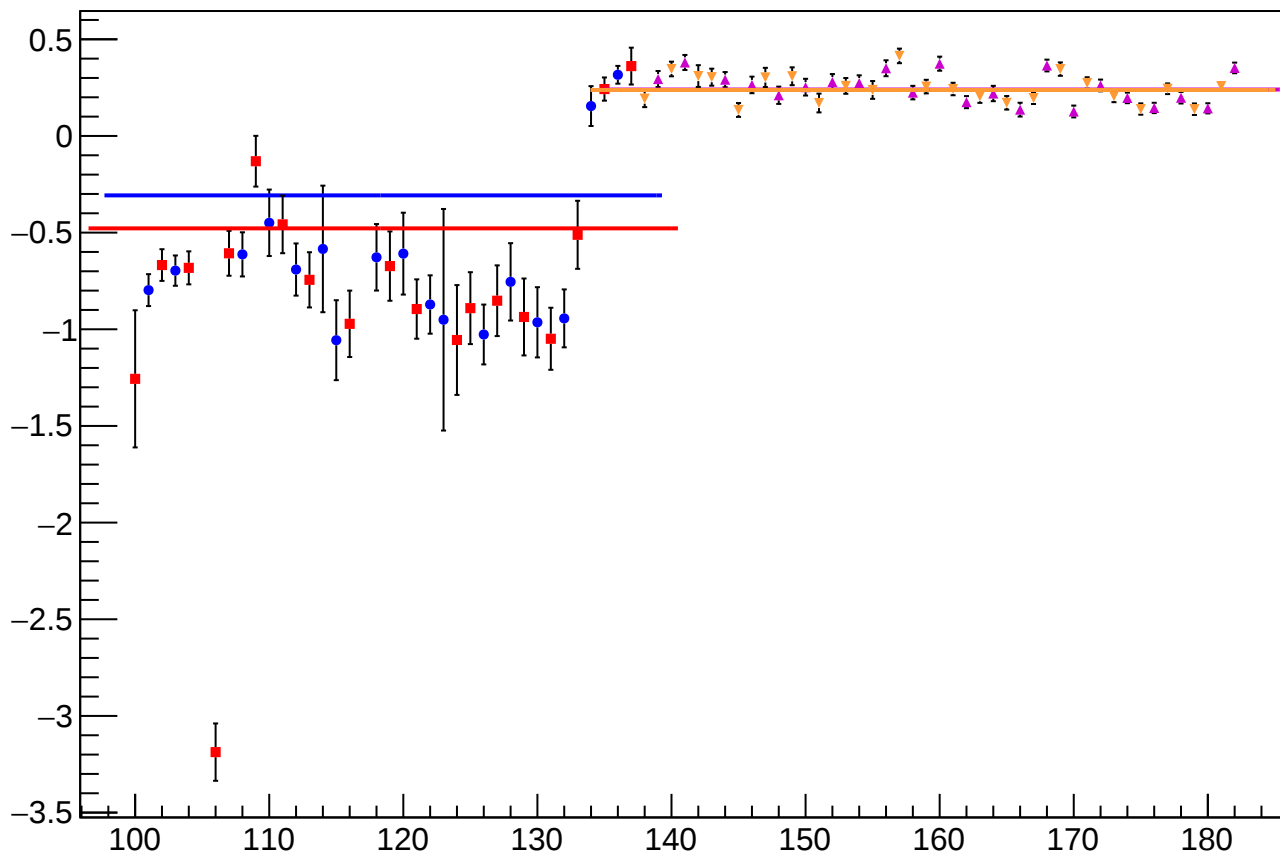
Right: -11.588 ± 0.379 χ^2/NDF : 846.4/35

In: -19.821 ± 0.151 χ^2/NDF : 3028.8/38

Out: -19.066 ± 0.153 χ^2/NDF : 2476.8/41

All: -19.447 ± 0.107 χ^2/NDF : 5518.0/80

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.307 ± 0.028 χ^2/NDF : 372.2/16

Left Out: 0.238 ± 0.007 χ^2/NDF : 91.6/22

Right Out: -0.478 ± 0.029 χ^2/NDF : 631.3/18

Left In: 0.240 ± 0.007 χ^2/NDF : 131.2/21

Left: 0.239 ± 0.005 χ^2/NDF : 222.8/44

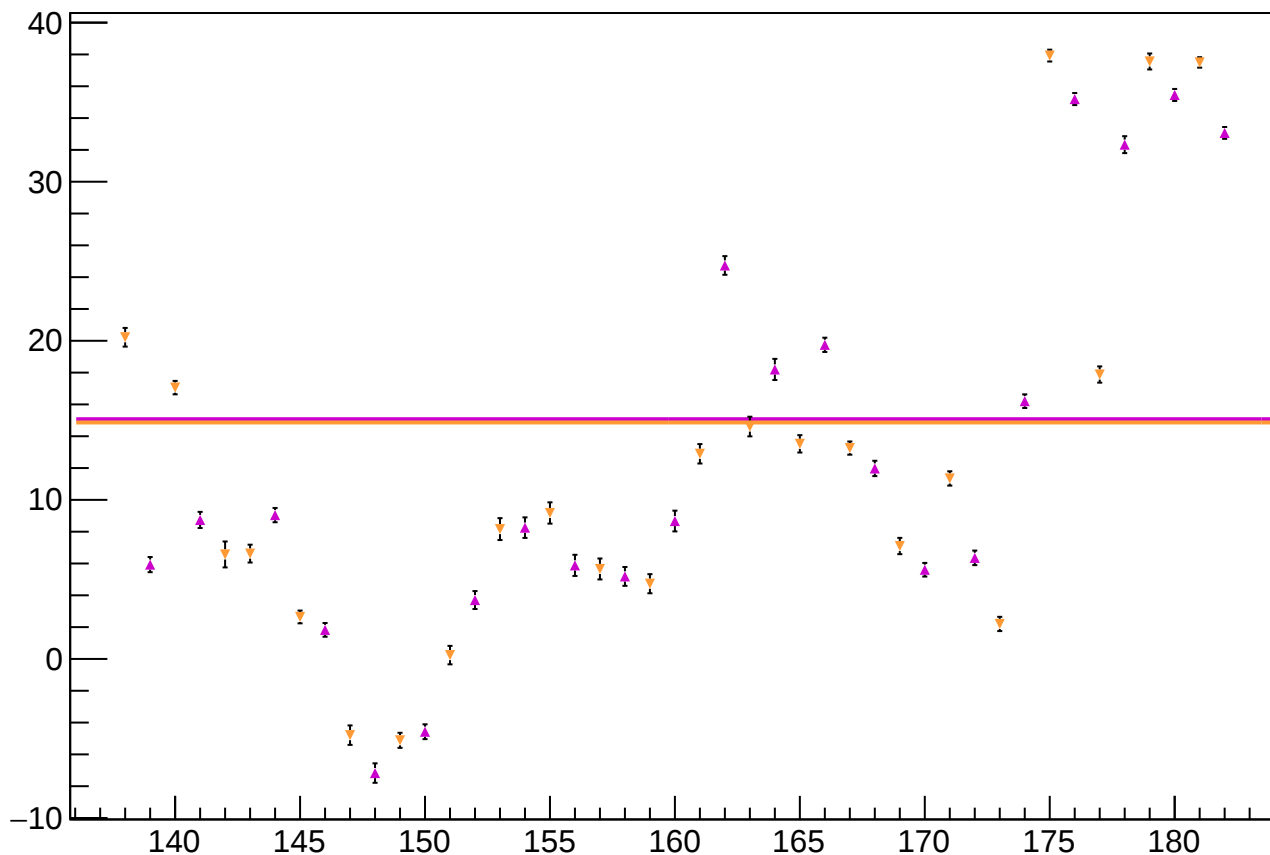
Right: -0.390 ± 0.020 χ^2/NDF : 1022.0/35

In: 0.205 ± 0.007 χ^2/NDF : 873.5/38

Out: 0.193 ± 0.007 χ^2/NDF : 1313.4/41

All: 0.199 ± 0.005 χ^2/NDF : 2188.2/80

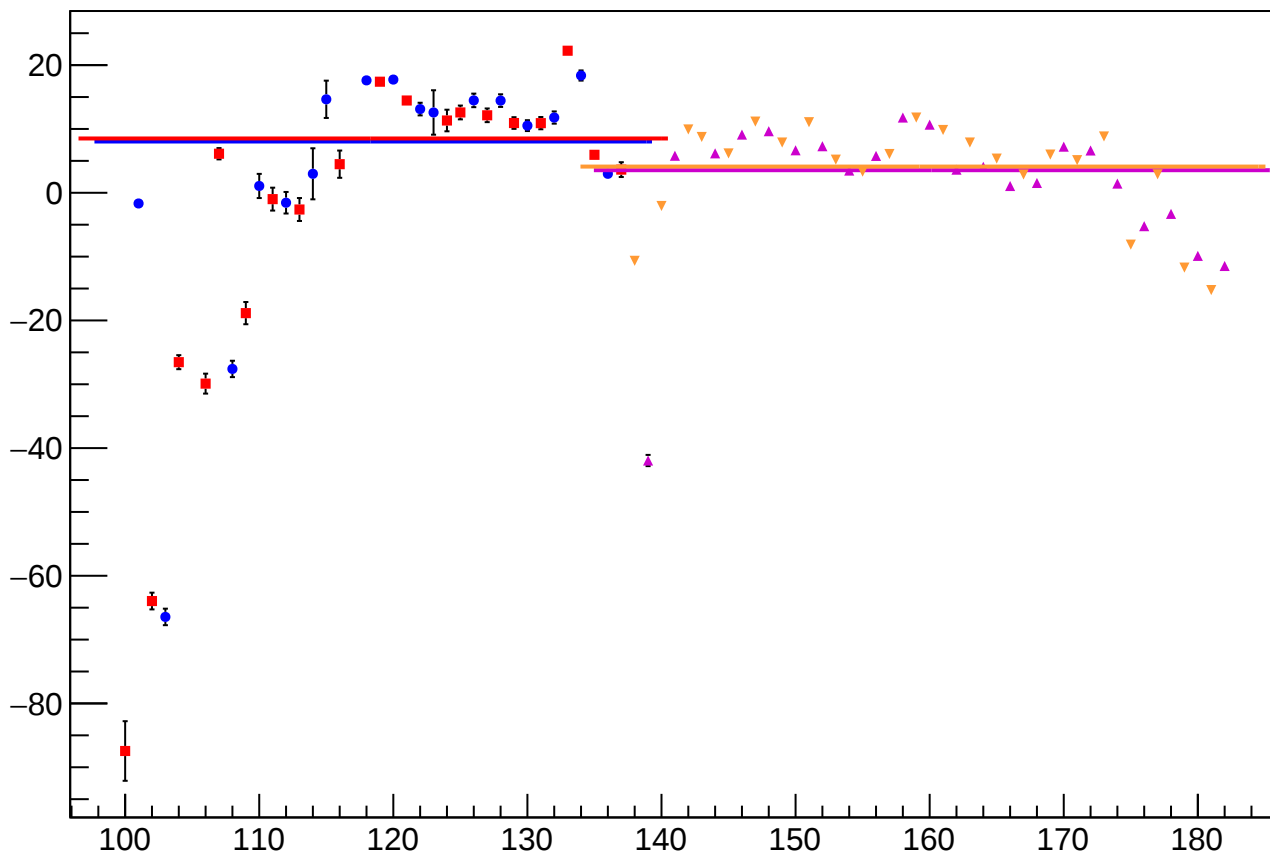
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.865+/-0.105 χ^2/NDF :17233.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 15.069+/-0.103 χ^2/NDF :16245.7/21

Left: 14.969+/-0.074 χ^2/NDF : 33481.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 15.069+/-0.103 χ^2/NDF :16245.7/21
 Out: 14.865+/-0.105 χ^2/NDF :17233.9/22
 All: 14.969+/-0.074 χ^2/NDF : 33481.5/44

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: 4.106 ± 0.081 $\chi^2/\text{NDF}: 8419.0/22$

Right Out: 8.508 ± 0.213 $\chi^2/\text{NDF}: 6713.4/18$

Left In: 3.539 ± 0.082 $\chi^2/\text{NDF}: 8374.9/21$

Left: 3.825 ± 0.057 $\chi^2/\text{NDF}: 16818.4/44$

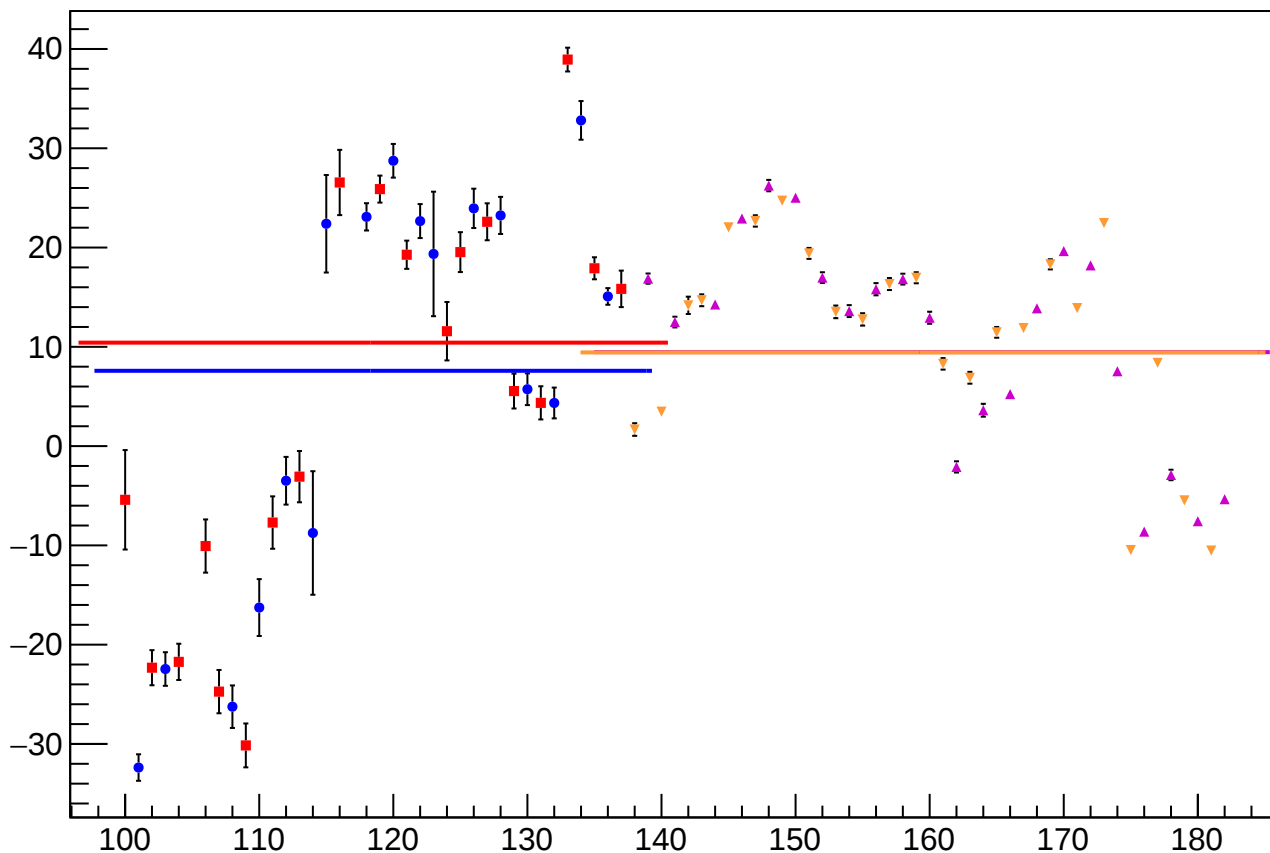
Right: 8.274 ± 0.151 $\chi^2/\text{NDF}: 12086.1/35$

In: 4.103 ± 0.076 $\chi^2/\text{NDF}: 14126.5/38$

Out: 4.660 ± 0.076 $\chi^2/\text{NDF}: 15506.0/41$

All: 4.384 ± 0.054 $\chi^2/\text{NDF}: 29659.4/80$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 $\pm$ 0.416 χ^2 /NDF: 2322.7/16

Left Out: 9.437 $\pm$ 0.105 χ^2 /NDF:12180.8/22

Right Out: 10.422 $\pm$ 0.416 χ^2 /NDF: 2289.5/18

Left In: 9.467 $\pm$ 0.103 χ^2 /NDF:12068.5/21

Left: 9.452 $\pm$ 0.073 χ^2 /NDF: 24249.4/44

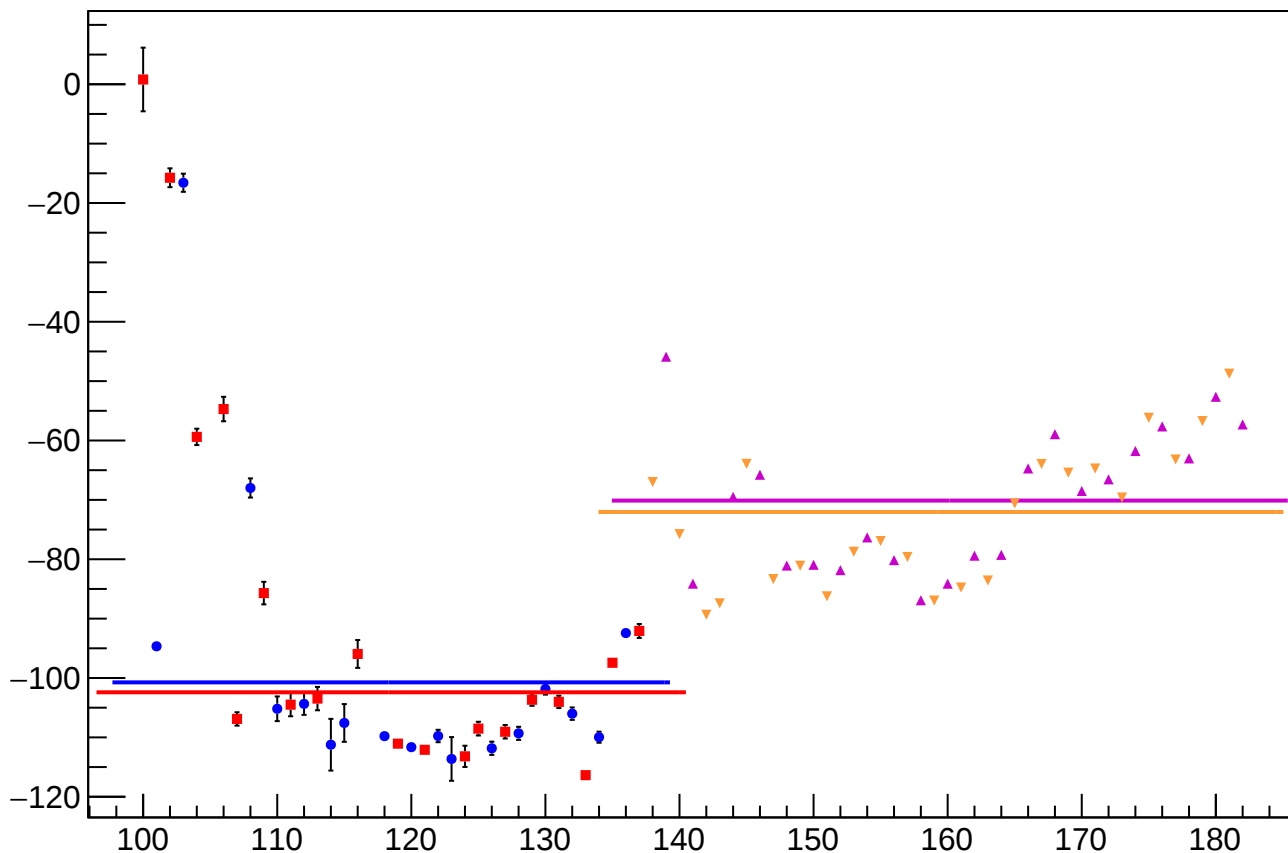
Right: 9.004 $\pm$ 0.294 χ^2 /NDF: 4635.5/35

In: 9.358 $\pm$ 0.100 χ^2 /NDF:14410.5/38

Out: 9.495 $\pm$ 0.102 χ^2 /NDF:14475.6/41

All: 9.426 $\pm$ 0.071 χ^2 /NDF: 28887.0/80

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736+/-0.248 χ^2/NDF : 4520.6/16

Left Out: -72.039+/-0.092 χ^2/NDF : 15625.9/22

Right Out: -102.408+/-0.246 χ^2/NDF : 6088.0/18

Left In: -70.119+/-0.092 χ^2/NDF : 13084.2/21

Left: -71.082+/-0.065 χ^2/NDF : 28927.5/44

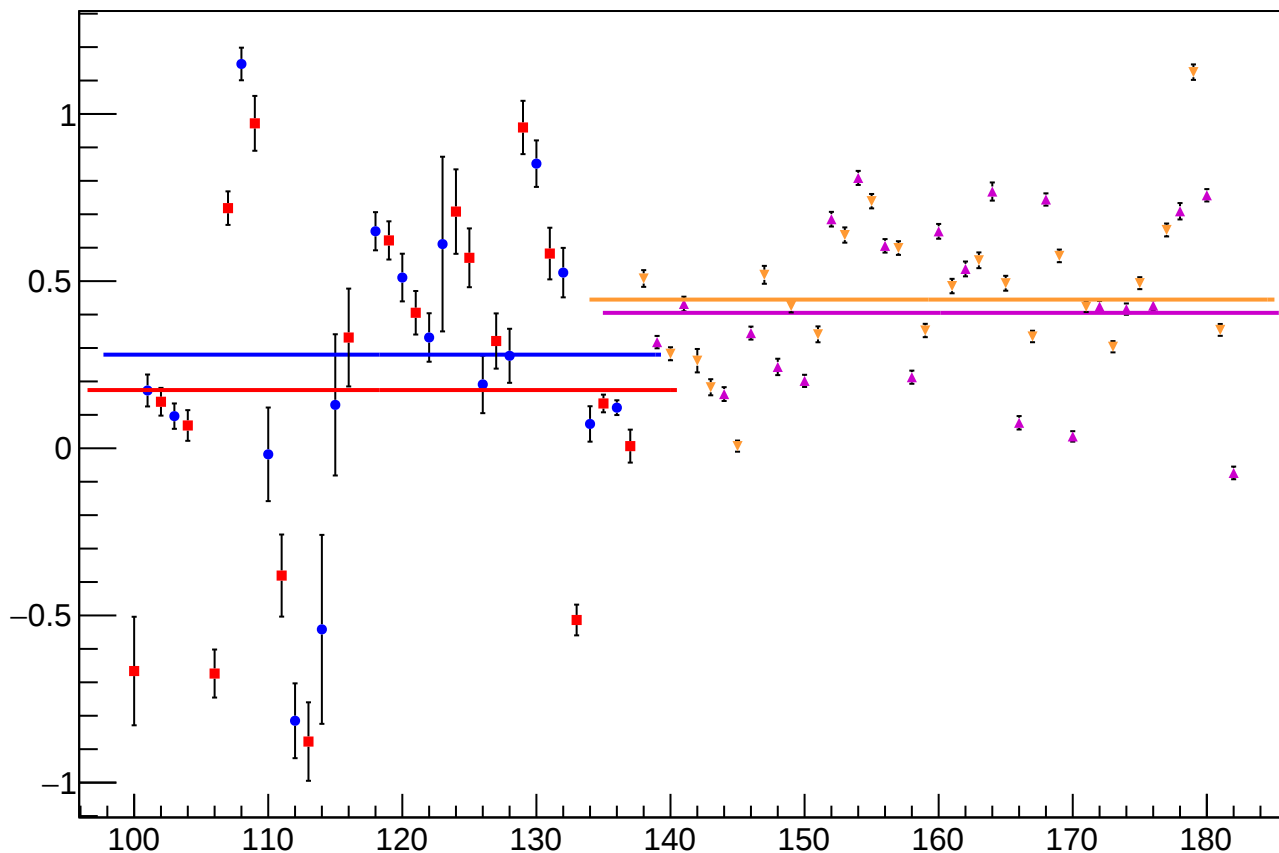
Right: -101.580+/-0.175 χ^2/NDF : 10631.4/35

In: -73.826+/-0.086 χ^2/NDF : 30967.3/38

Out: -75.763+/-0.086 χ^2/NDF : 35101.1/41

All: -74.798+/-0.061 χ^2/NDF : 66320.4/80

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: 0.445 ± 0.004 χ^2/NDF : 2484.6/22

Right Out: 0.174 ± 0.013 χ^2/NDF : 964.1/18

Left In: 0.405 ± 0.004 χ^2/NDF : 3721.1/21

Left: 0.425 ± 0.003 χ^2/NDF : 6250.2/44

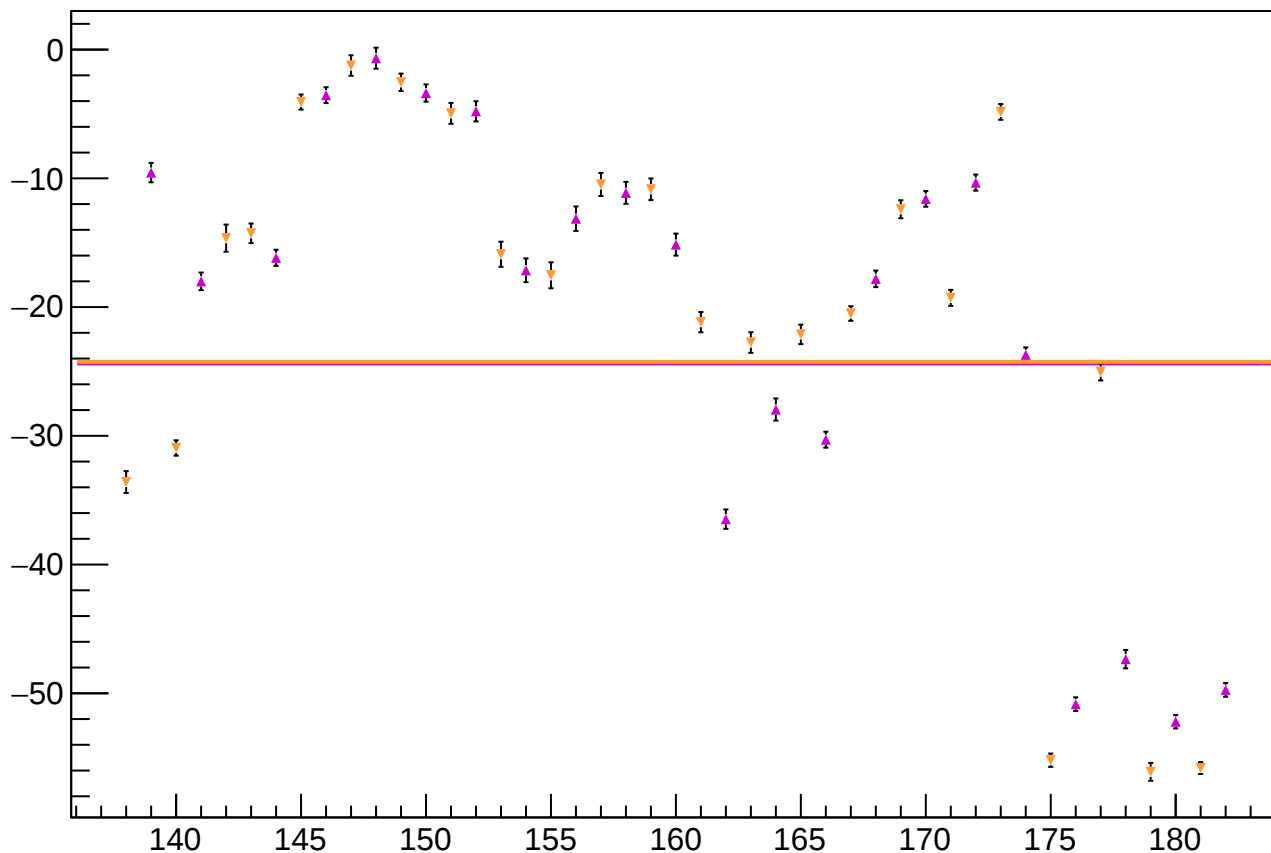
Right: 0.227 ± 0.010 χ^2/NDF : 1651.4/35

In: 0.394 ± 0.004 χ^2/NDF : 4456.0/38

Out: 0.420 ± 0.004 χ^2/NDF : 3817.6/41

All: 0.407 ± 0.003 χ^2/NDF : 8294.8/80

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Left: -24.316+/-0.102 χ^2/NDF : 31228.0/44

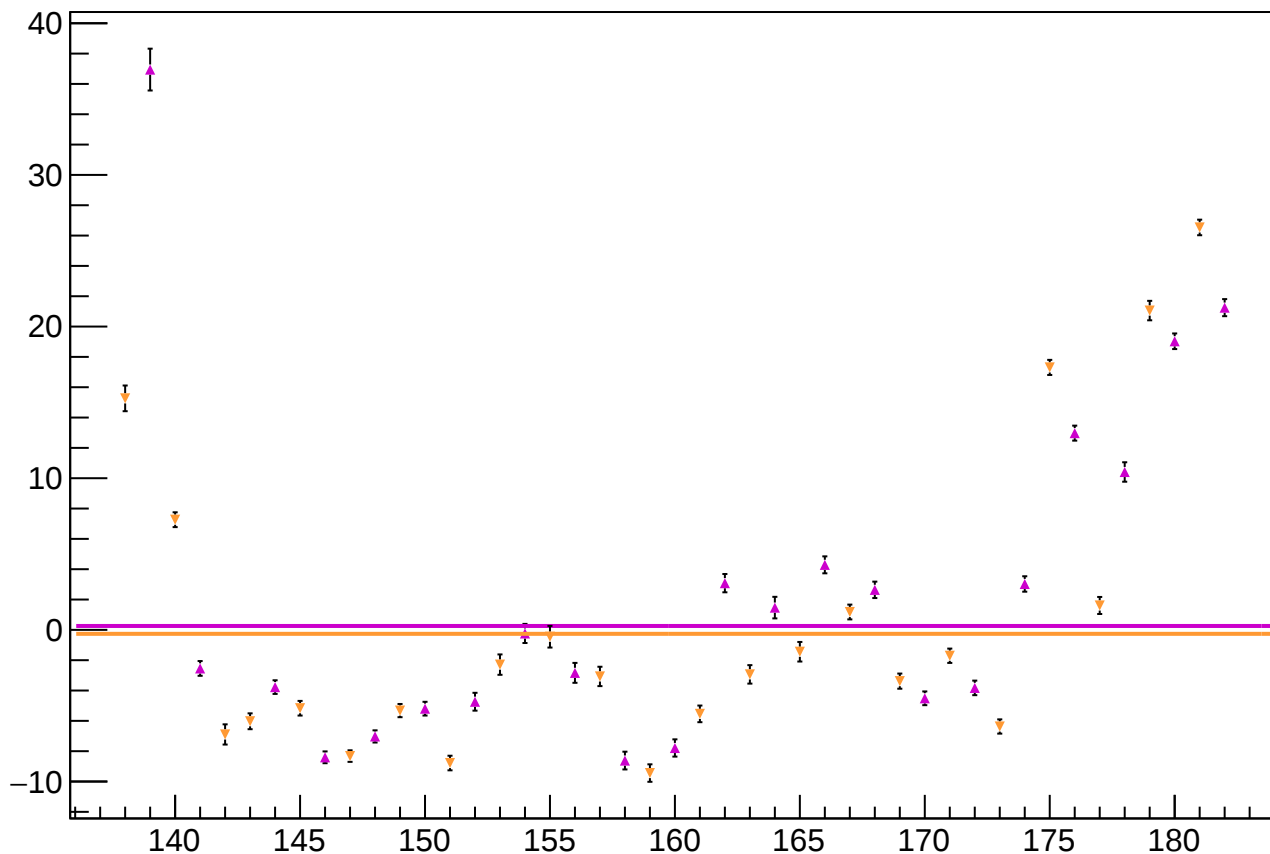
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.377+/-0.144 χ^2/NDF :14795.2/21

Out: -24.253+/-0.145 χ^2/NDF :16432.5/22

All: -24.316+/-0.102 χ^2/NDF : 31228.0/44

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



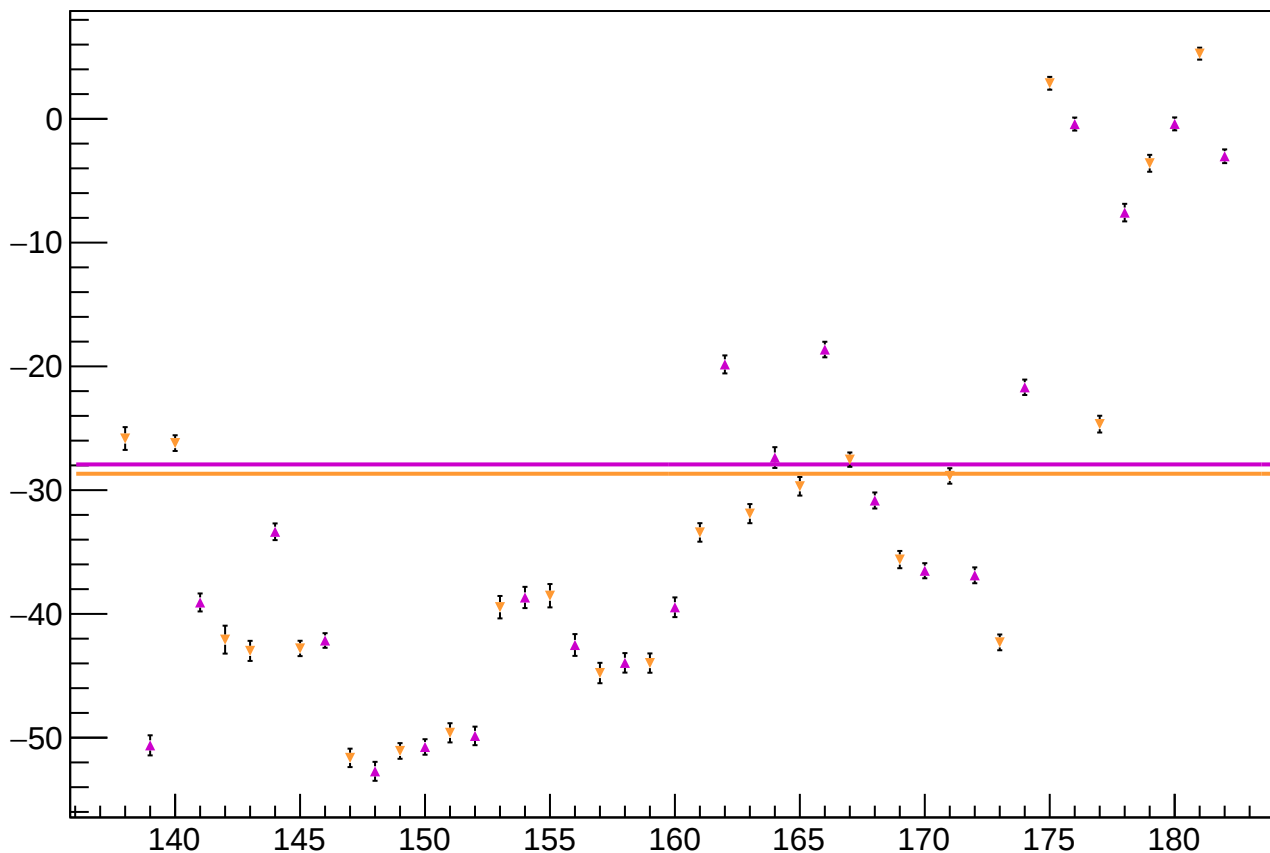
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.257+/-0.113 χ^2/NDF : 6257.8/21

Left: -0.005+/-0.079 χ^2/NDF : 13768.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.257+/-0.113 χ^2/NDF : 6257.8/21
 Out: -0.261+/-0.111 χ^2/NDF : 7499.9/22

All: -0.005+/-0.079 χ^2/NDF : 13768.5/44

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -28.675 $\pm$ 0.145 χ^2 /NDF:15581.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Left: -28.294 $\pm$ 0.102 χ^2 /NDF: 30748.5/44

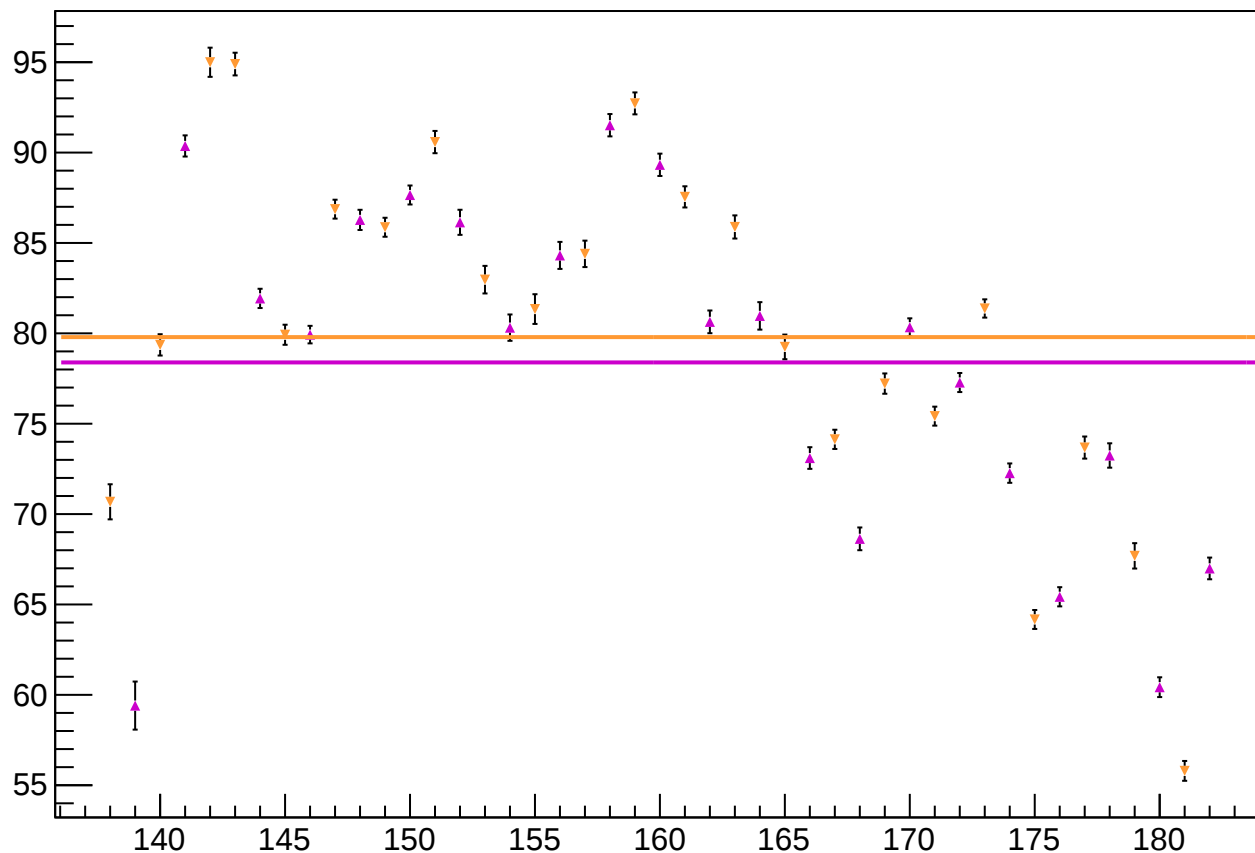
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -27.922 $\pm$ 0.143 χ^2 /NDF:15153.4/21

Out: -28.675 $\pm$ 0.145 χ^2 /NDF:15581.4/22

All: -28.294 $\pm$ 0.102 χ^2 /NDF: 30748.5/44

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 79.791 $\pm$ 0.127 χ^2 /NDF:5838.6/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 78.390 $\pm$ 0.127 χ^2 /NDF:4733.3/21

Left: 79.094 $\pm$ 0.090 χ^2 /NDF: 10632.7/44

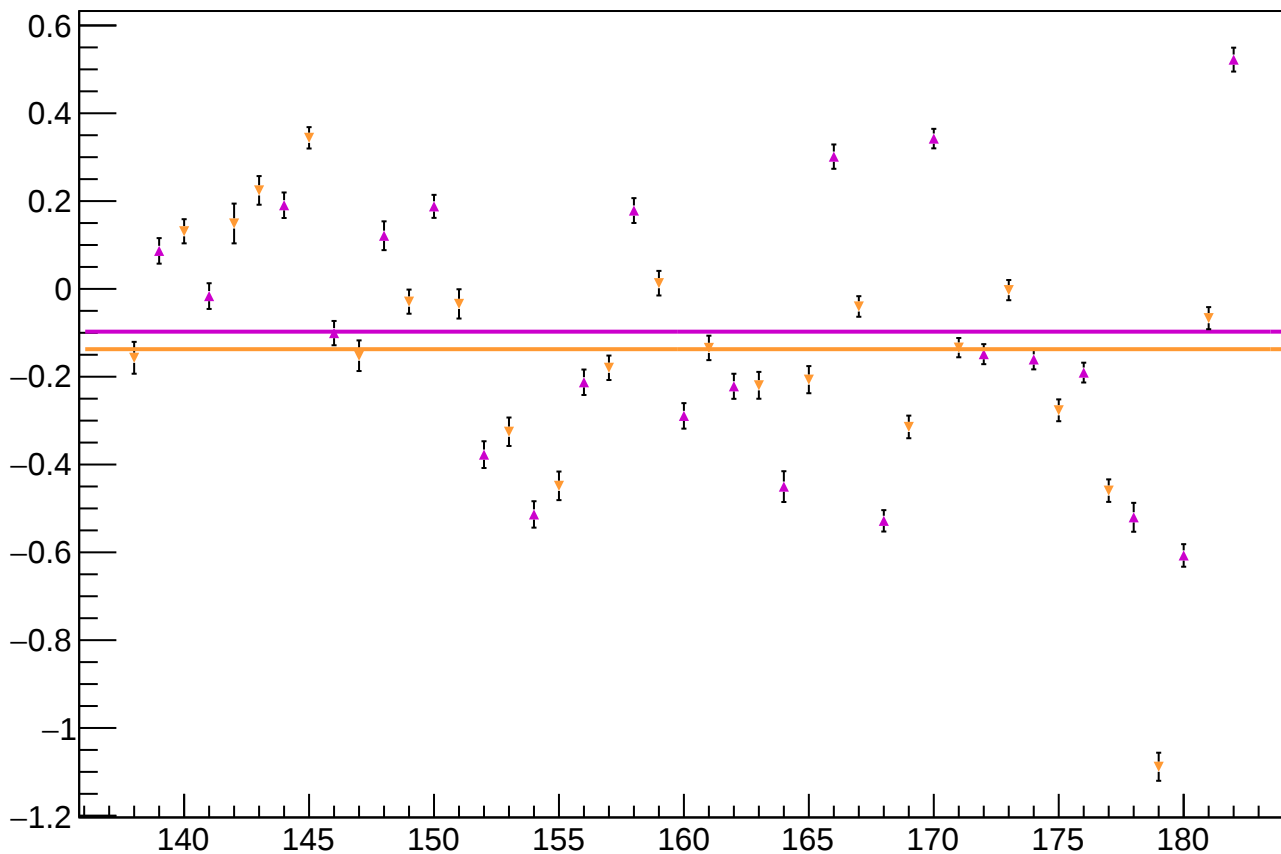
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 78.390 $\pm$ 0.127 χ^2 /NDF:4733.3/21

Out: 79.791 $\pm$ 0.127 χ^2 /NDF:5838.6/22

All: 79.094 $\pm$ 0.090 χ^2 /NDF: 10632.7/44

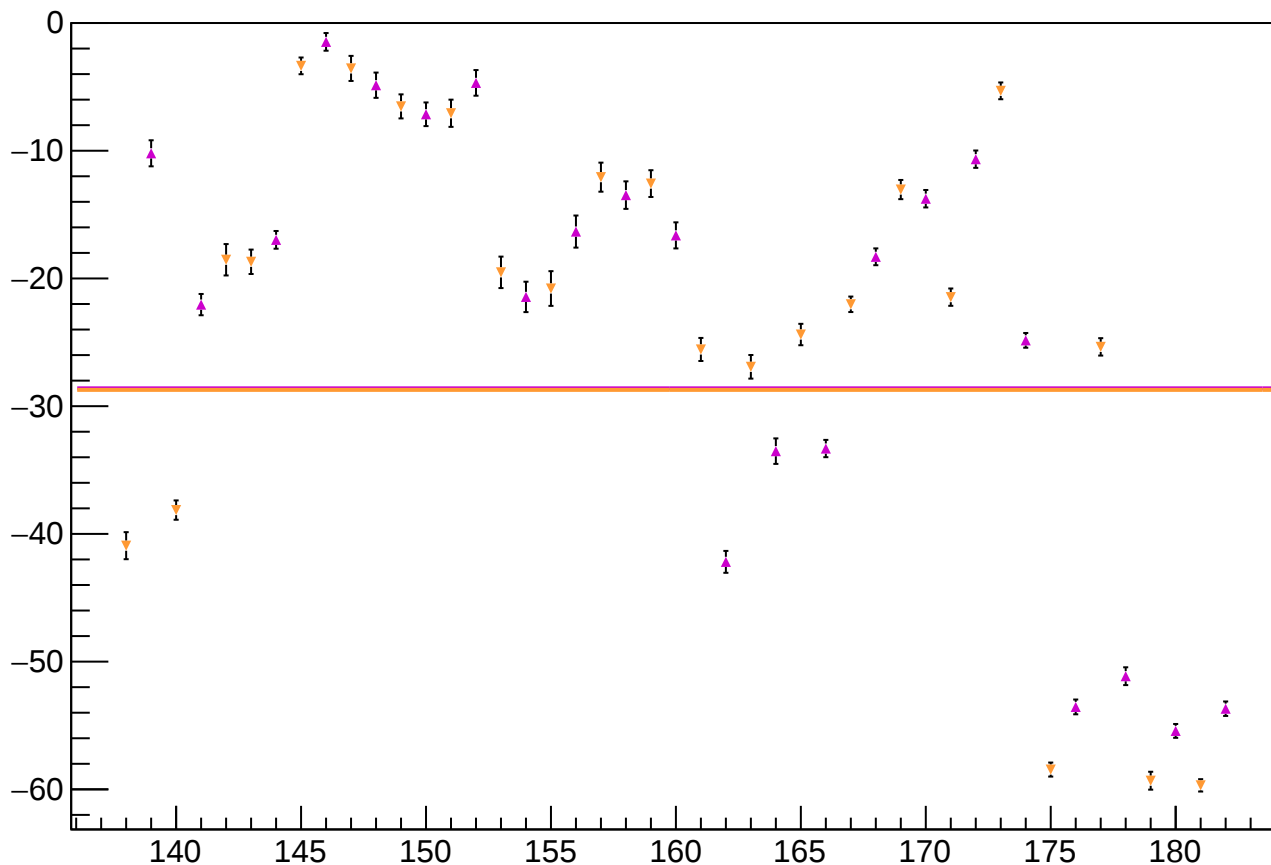
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.097 $\pm$ 0.006 χ^2 /NDF:2876.9/21

Left: -0.117 $\pm$ 0.004 χ^2 /NDF: 4923.8/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.097 $\pm$ 0.006 χ^2 /NDF:2876.9/21
 Out: -0.137 $\pm$ 0.006 χ^2 /NDF:2023.6/22
 All: -0.117 $\pm$ 0.004 χ^2 /NDF: 4923.8/44

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: -28.723+/-0.164 χ^2/NDF :15084.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Left: -28.663+/-0.115 χ^2/NDF : 28529.0/44

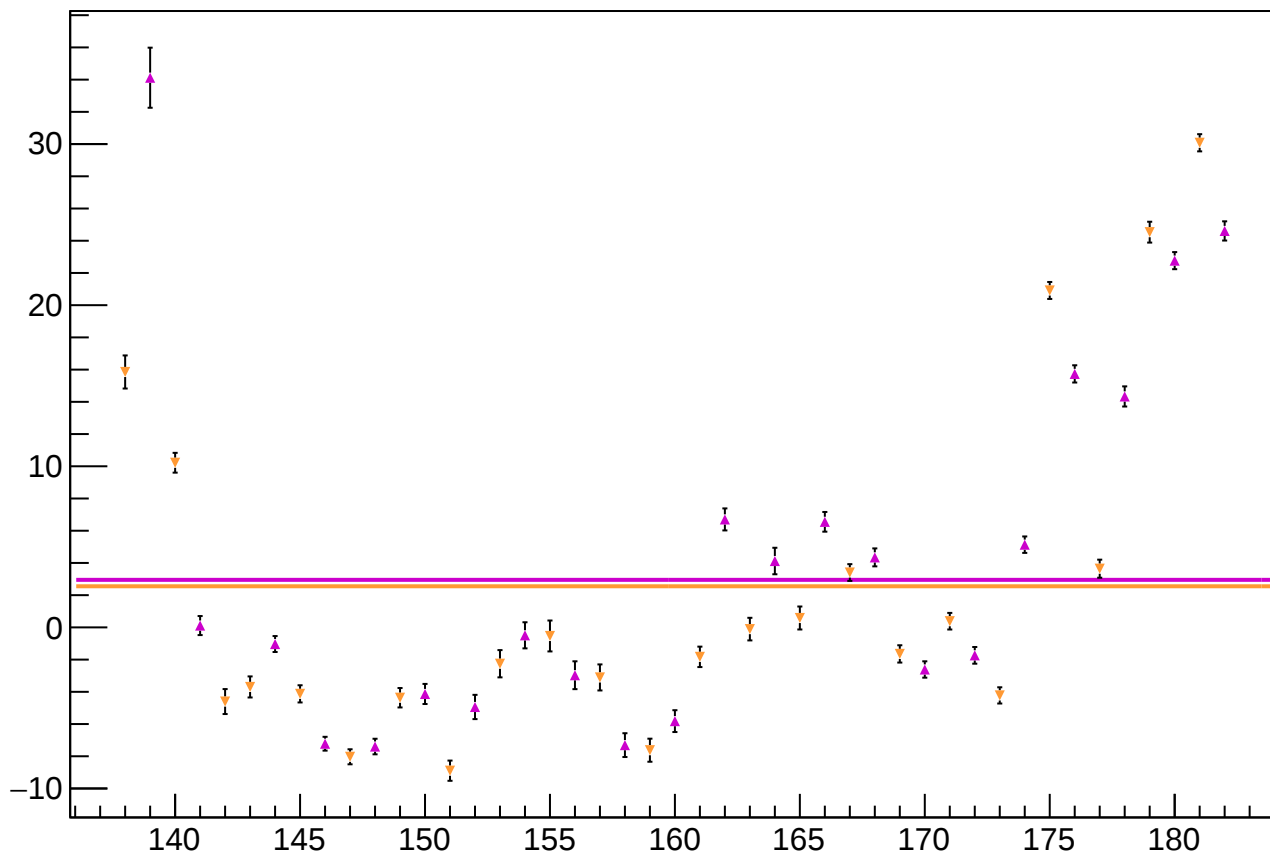
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.604+/-0.161 χ^2/NDF :13444.8/21

Out: -28.723+/-0.164 χ^2/NDF :15084.0/22

All: -28.663+/-0.115 χ^2/NDF : 28529.0/44

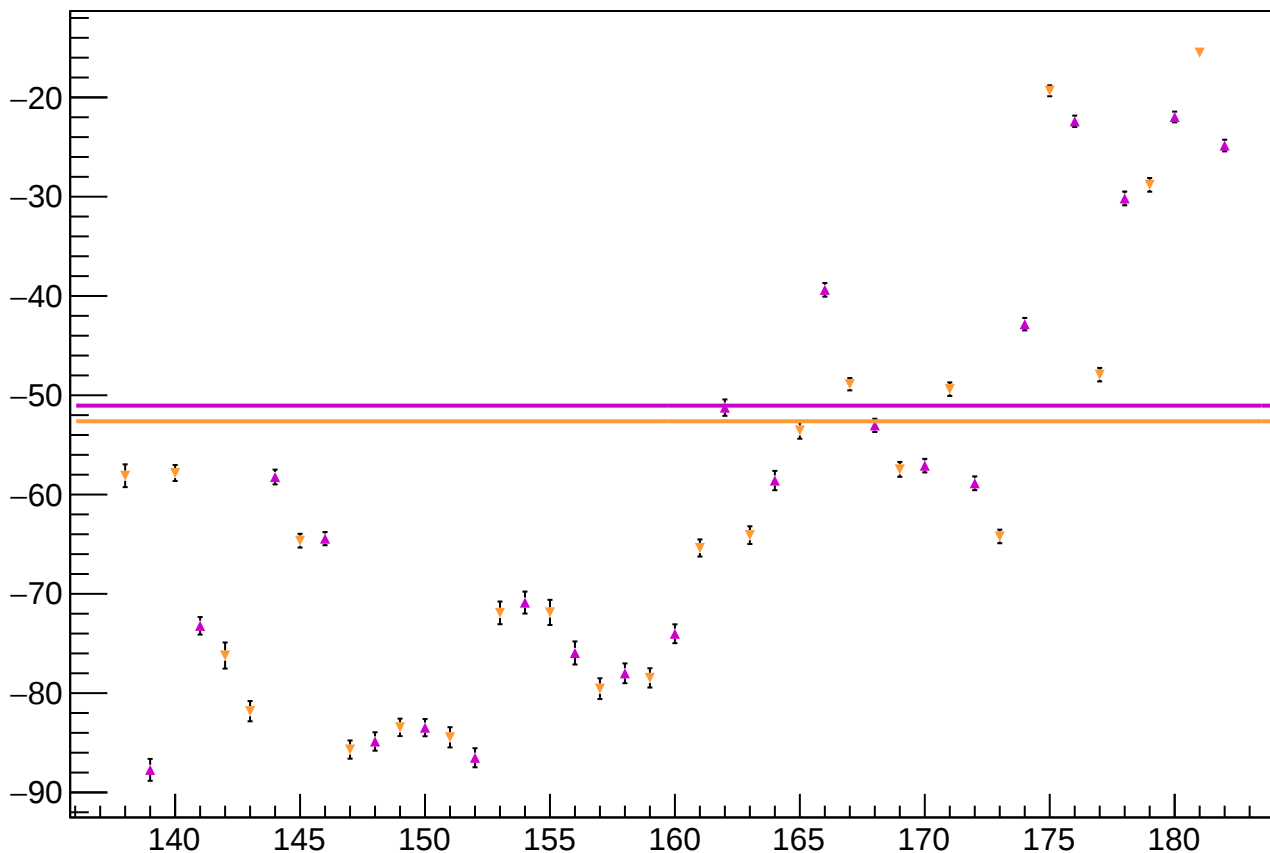
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.551 $\pm$ 0.128 χ^2 /NDF:7296.5/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.951 $\pm$ 0.127 χ^2 /NDF:5962.8/21

Left: 2.752 $\pm$ 0.090 χ^2 /NDF: 13264.2/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.951 $\pm$ 0.127 χ^2 /NDF:5962.8/21
 Out: 2.551 $\pm$ 0.128 χ^2 /NDF:7296.5/22
 All: 2.752 $\pm$ 0.090 χ^2 /NDF: 13264.2/44

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: -52.618+/-0.165 χ^2/NDF :18019.5/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Left: -51.814+/-0.115 χ^2/NDF : 35524.2/44

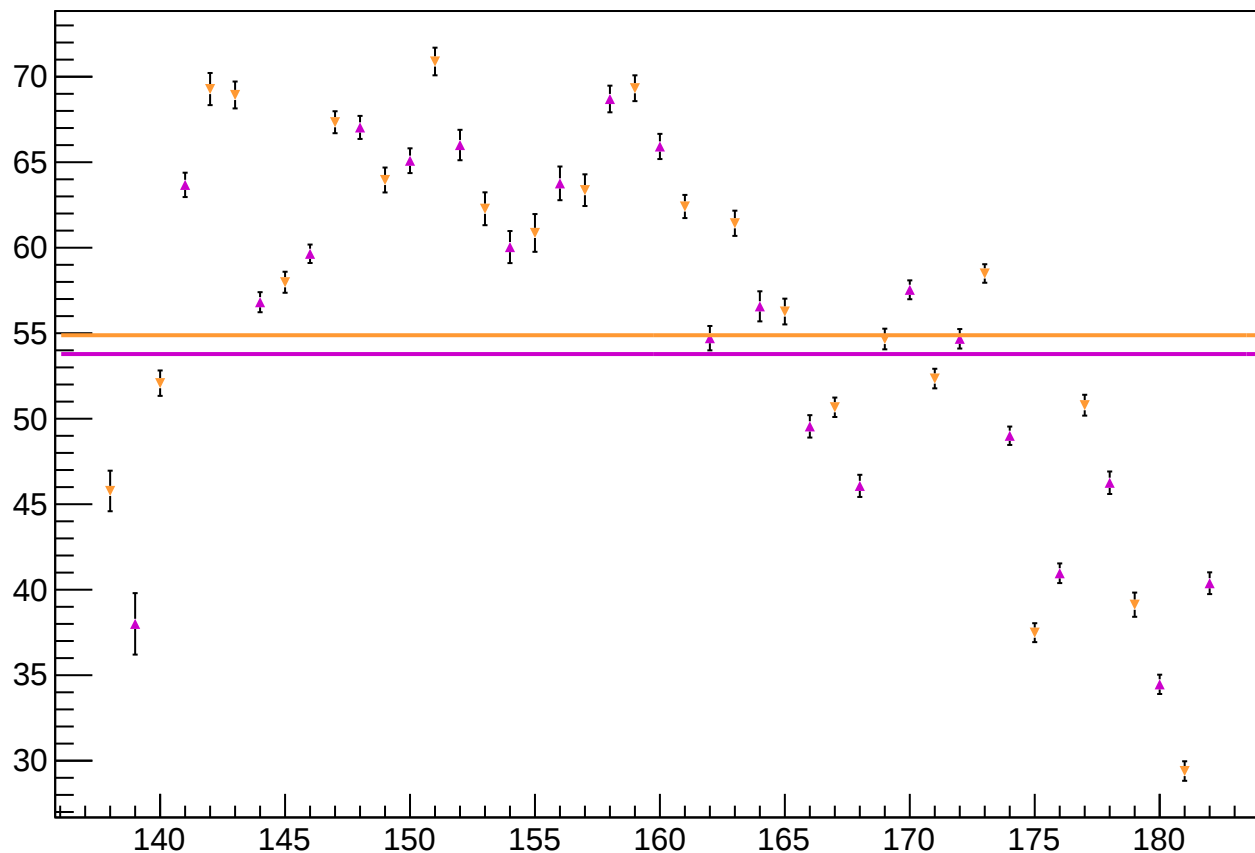
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -51.043+/-0.161 χ^2/NDF :17457.8/21

Out: -52.618+/-0.165 χ^2/NDF :18019.5/22

All: -51.814+/-0.115 χ^2/NDF : 35524.2/44

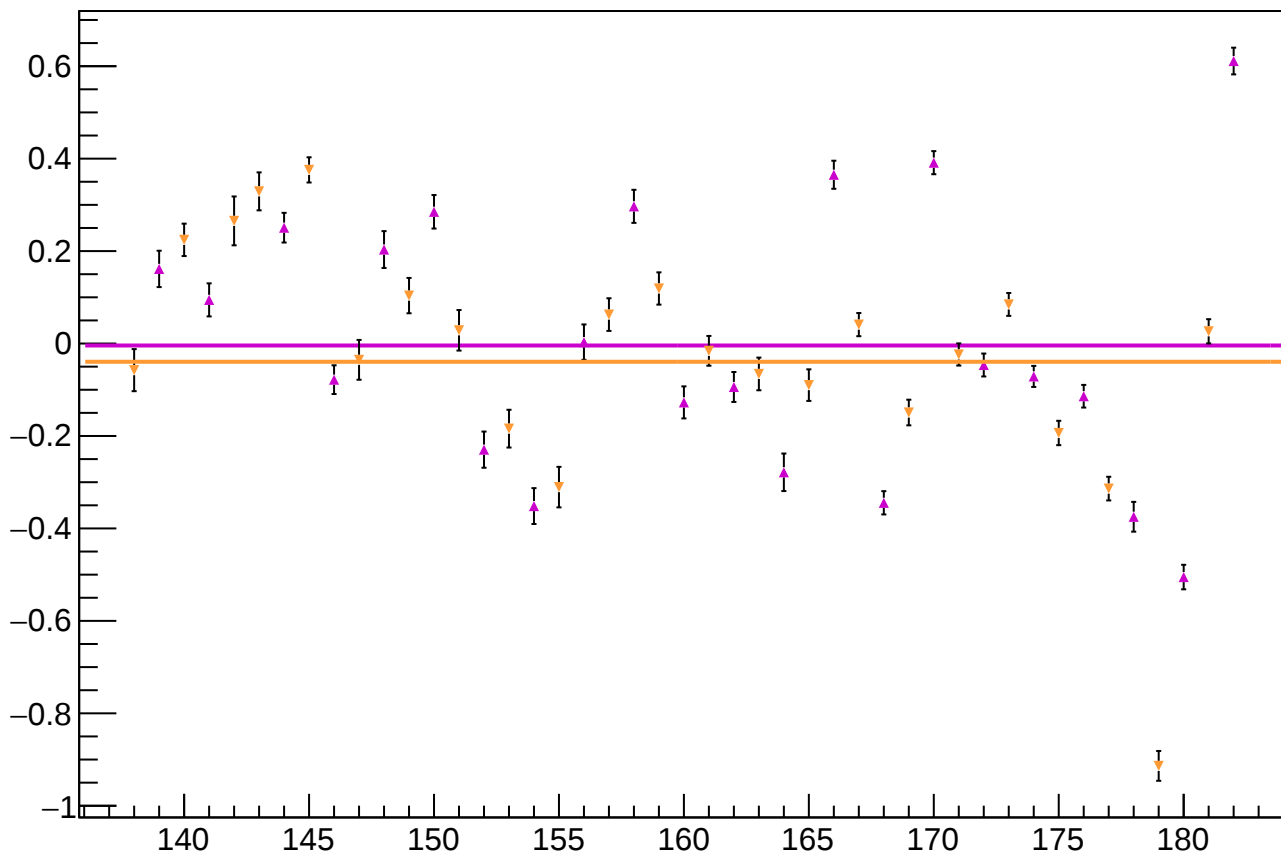
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 53.781 $\pm$ 0.144 χ^2 /NDF:4585.7/21

Left: 54.327 $\pm$ 0.102 χ^2 /NDF: 10575.2/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 53.781 $\pm$ 0.144 χ^2 /NDF:4585.7/21
 Out: 54.882 $\pm$ 0.145 χ^2 /NDF:5960.4/22
 All: 54.327 $\pm$ 0.102 χ^2 /NDF: 10575.2/44

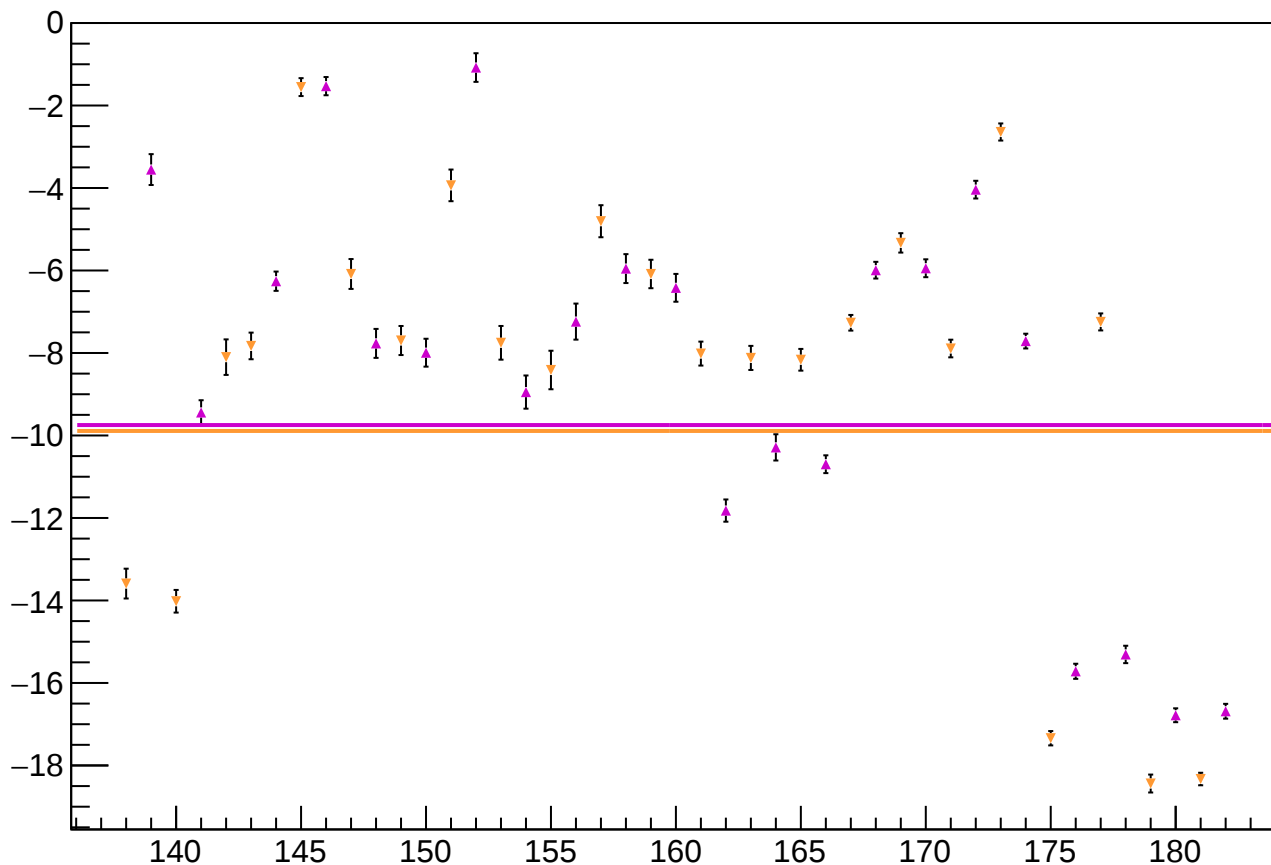
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21

Left: -0.022 $\pm$ 0.005 χ^2 /NDF: 3448.6/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.004 $\pm$ 0.007 χ^2 /NDF:1990.9/21
 Out: -0.039 $\pm$ 0.007 χ^2 /NDF:1443.6/22
 All: -0.022 $\pm$ 0.005 χ^2 /NDF: 3448.6/44

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



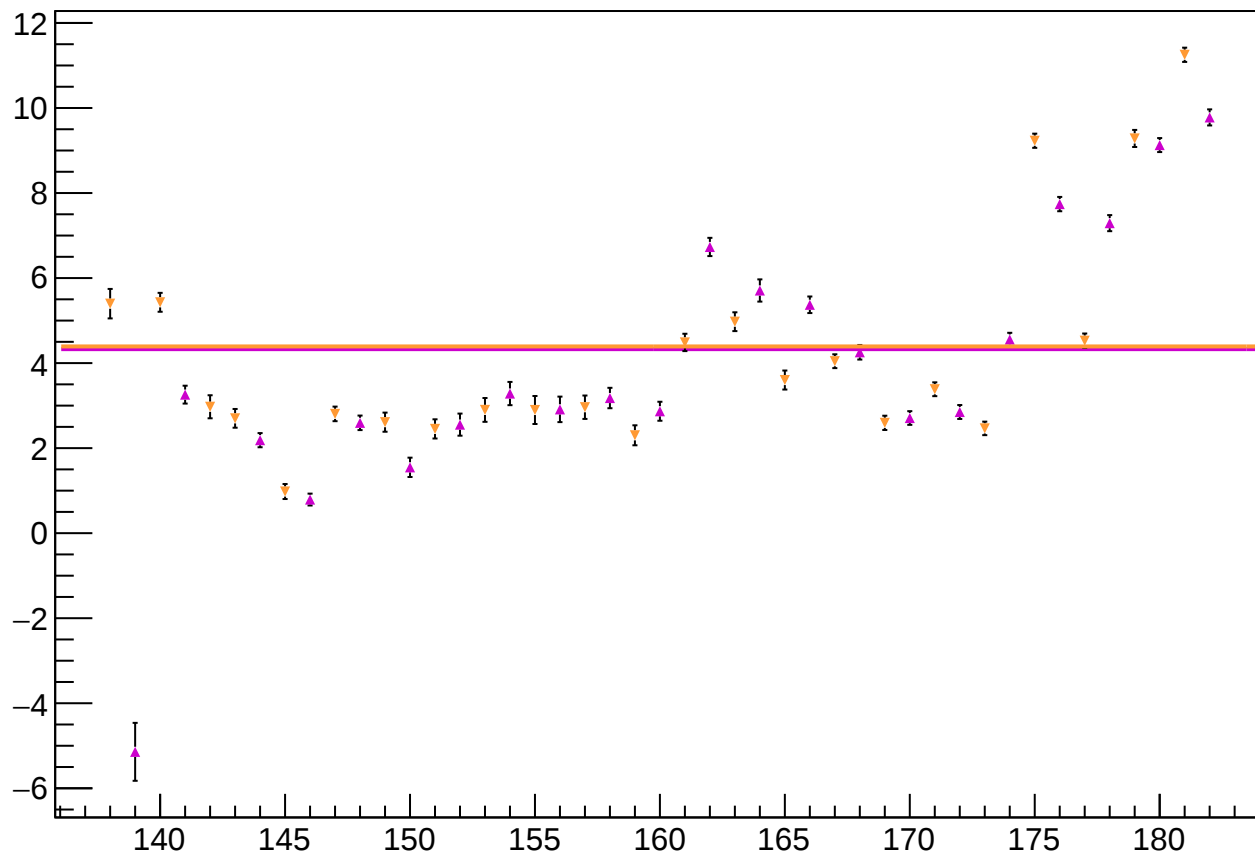
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21

Left: -9.817 $\pm$ 0.037 χ^2 /NDF: 20602.4/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -9.747 $\pm$ 0.052 χ^2 /NDF:9384.5/21
 Out: -9.890 $\pm$ 0.053 χ^2 /NDF:11214.1/22

All: -9.817 $\pm$ 0.037 χ^2 /NDF: 20602.4/44

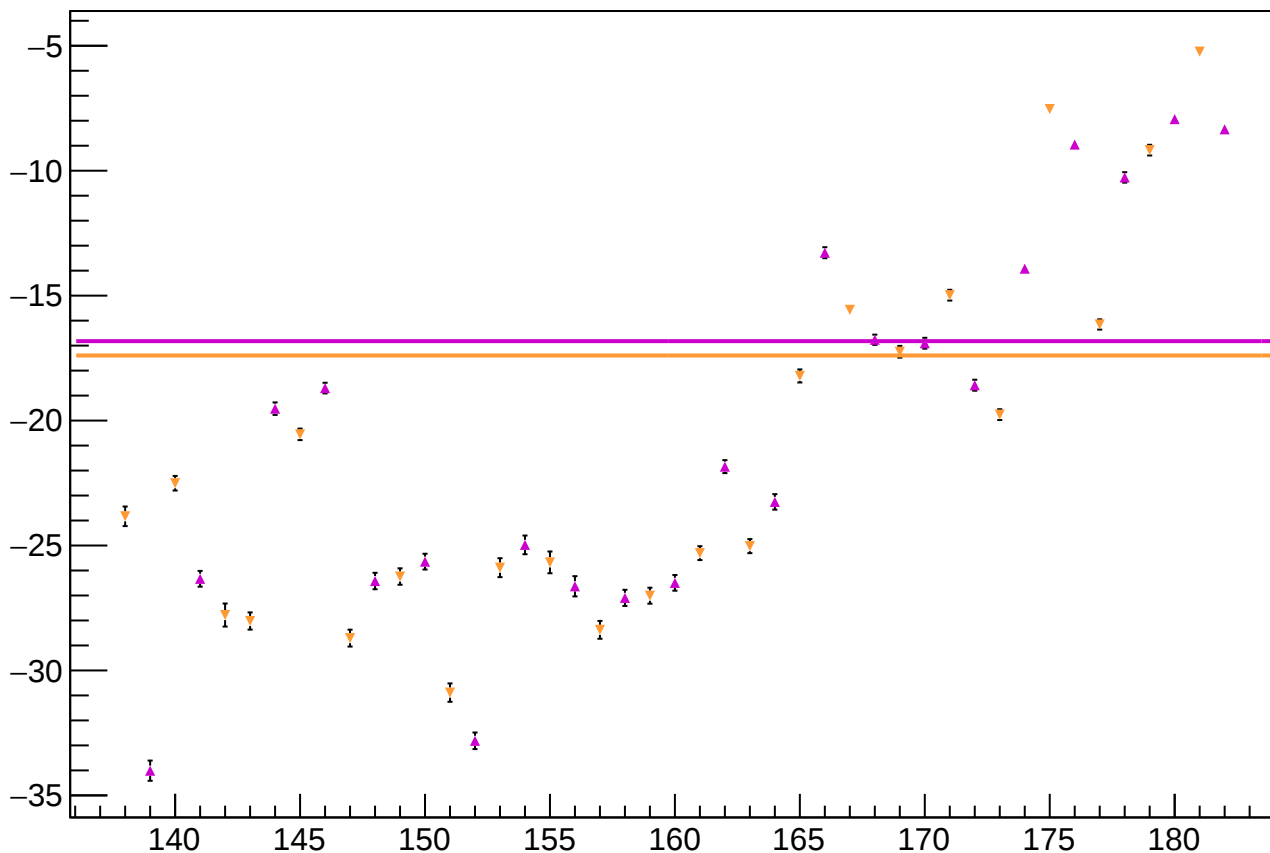
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.392+/-0.042 χ^2/NDF :4305.3/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.328+/-0.041 χ^2/NDF :4132.7/21

Left: 4.360+/-0.029 χ^2/NDF : 8439.2/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.328+/-0.041 χ^2/NDF :4132.7/21
 Out: 4.392+/-0.042 χ^2/NDF :4305.3/22
 All: 4.360+/-0.029 χ^2/NDF : 8439.2/44

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: -17.395+/-0.053 χ^2/NDF :20649.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Left: -17.100+/-0.037 χ^2/NDF : 39690.3/44

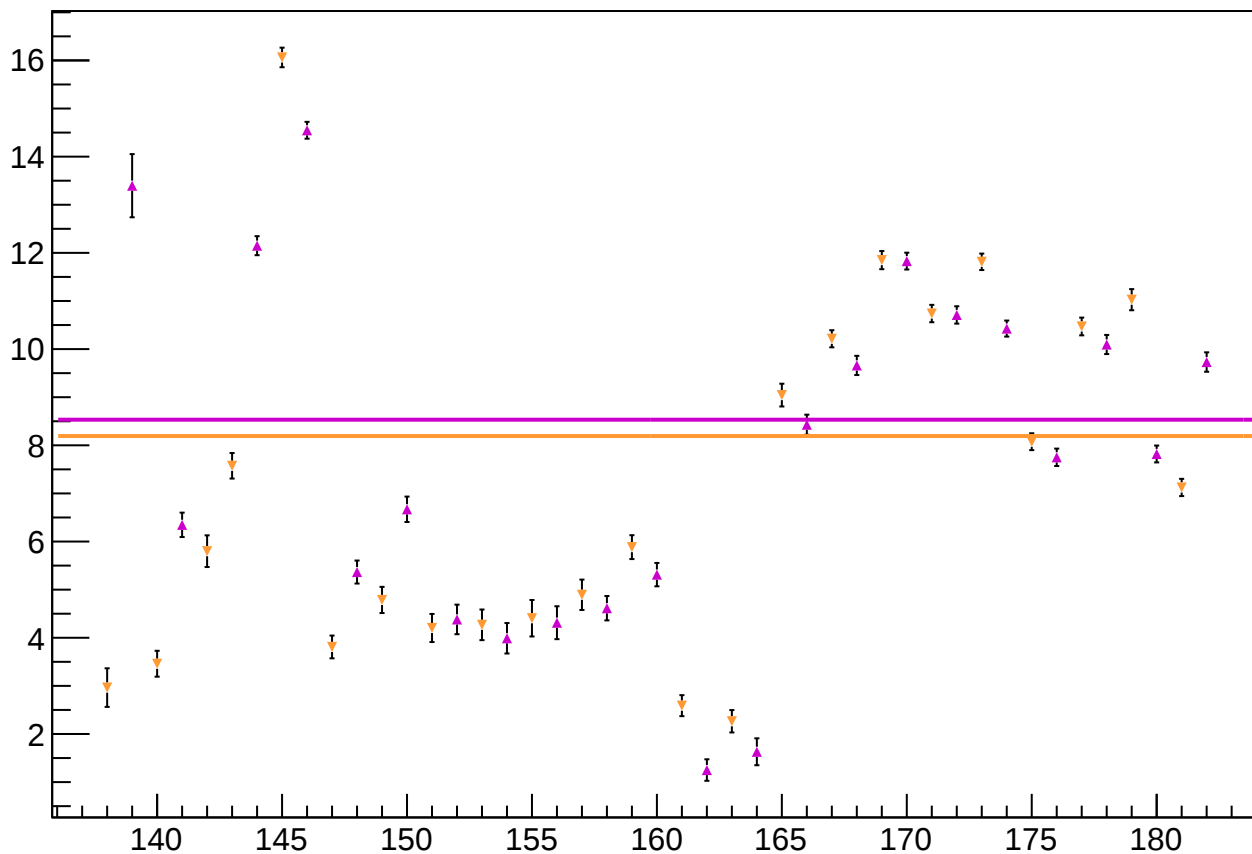
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -16.821+/-0.052 χ^2/NDF :18981.7/21

Out: -17.395+/-0.053 χ^2/NDF :20649.1/22

All: -17.100+/-0.037 χ^2/NDF : 39690.3/44

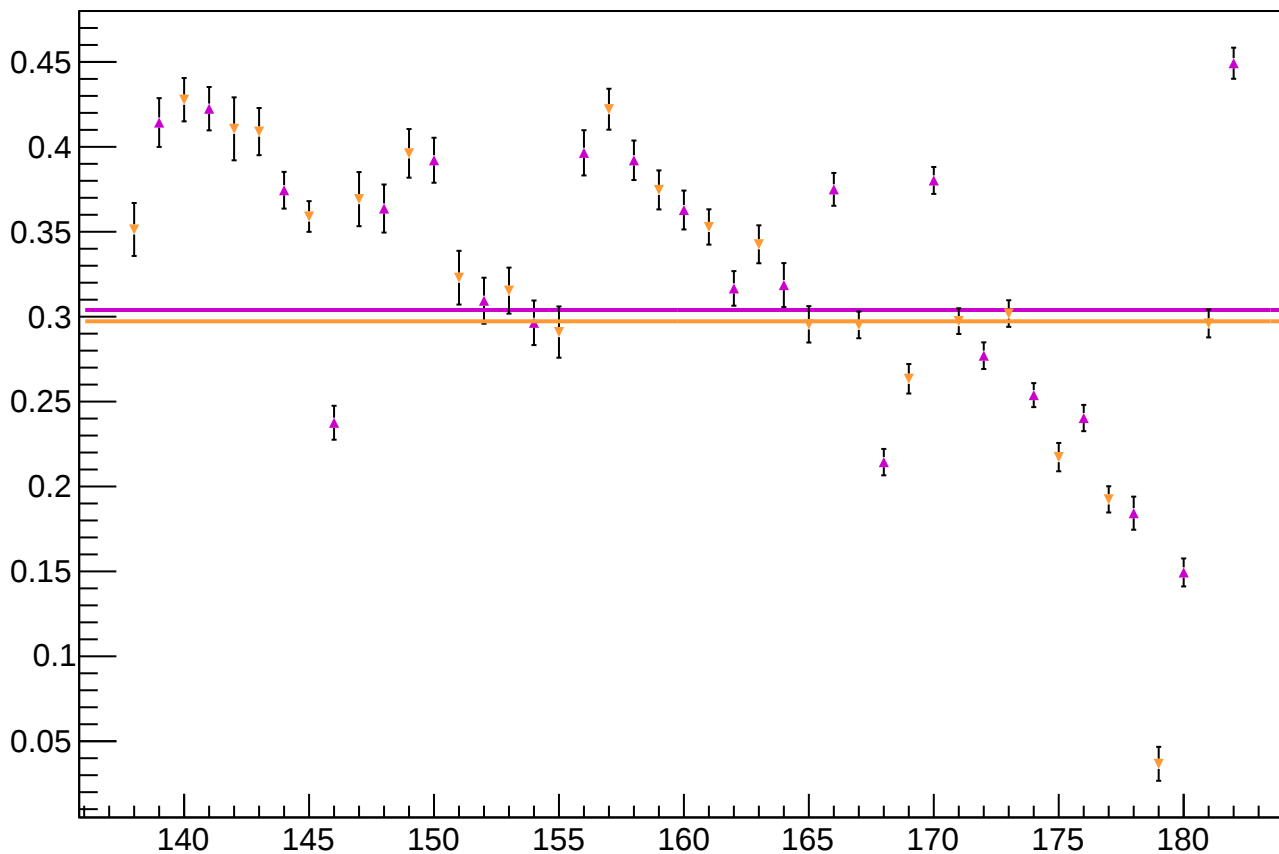
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.532+/-0.046 χ^2/NDF :5292.3/21

Left: 8.365+/-0.033 χ^2/NDF : 11319.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.532+/-0.046 χ^2/NDF :5292.3/21
 Out: 8.193+/-0.047 χ^2/NDF :6001.0/22
 All: 8.365+/-0.033 χ^2/NDF : 11319.6/44

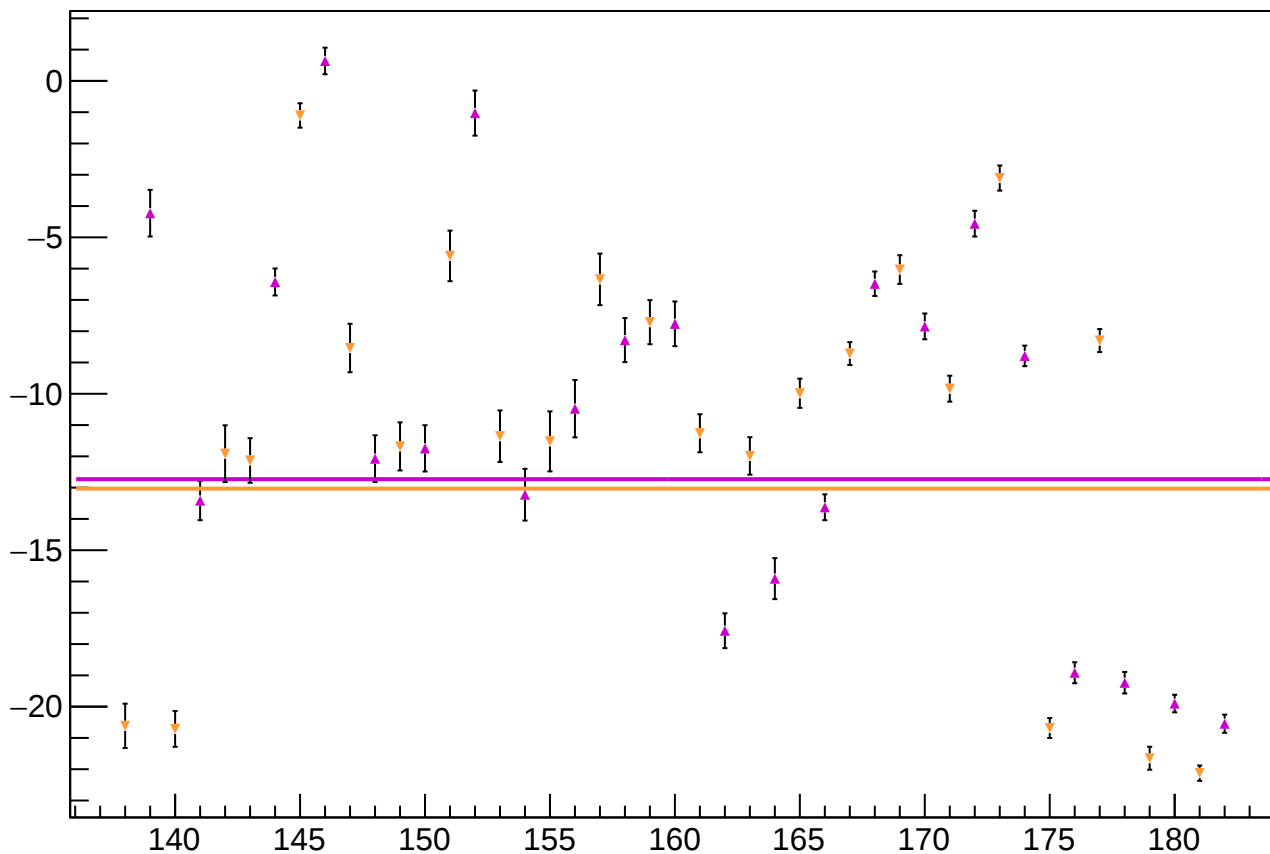
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.297+/-0.002 χ^2/NDF :1506.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.304+/-0.002 χ^2/NDF :1593.6/21

Left: 0.301+/-0.002 χ^2/NDF : 3105.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.304+/-0.002 χ^2/NDF :1593.6/21
 Out: 0.297+/-0.002 χ^2/NDF :1506.6/22
 All: 0.301+/-0.002 χ^2/NDF : 3105.0/44

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.030 $\pm$ 0.099 χ^2 /NDF:5252.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -12.729 $\pm$ 0.096 χ^2 /NDF:4808.4/21

Left: -12.875 $\pm$ 0.069 χ^2 /NDF: 10065.3/44

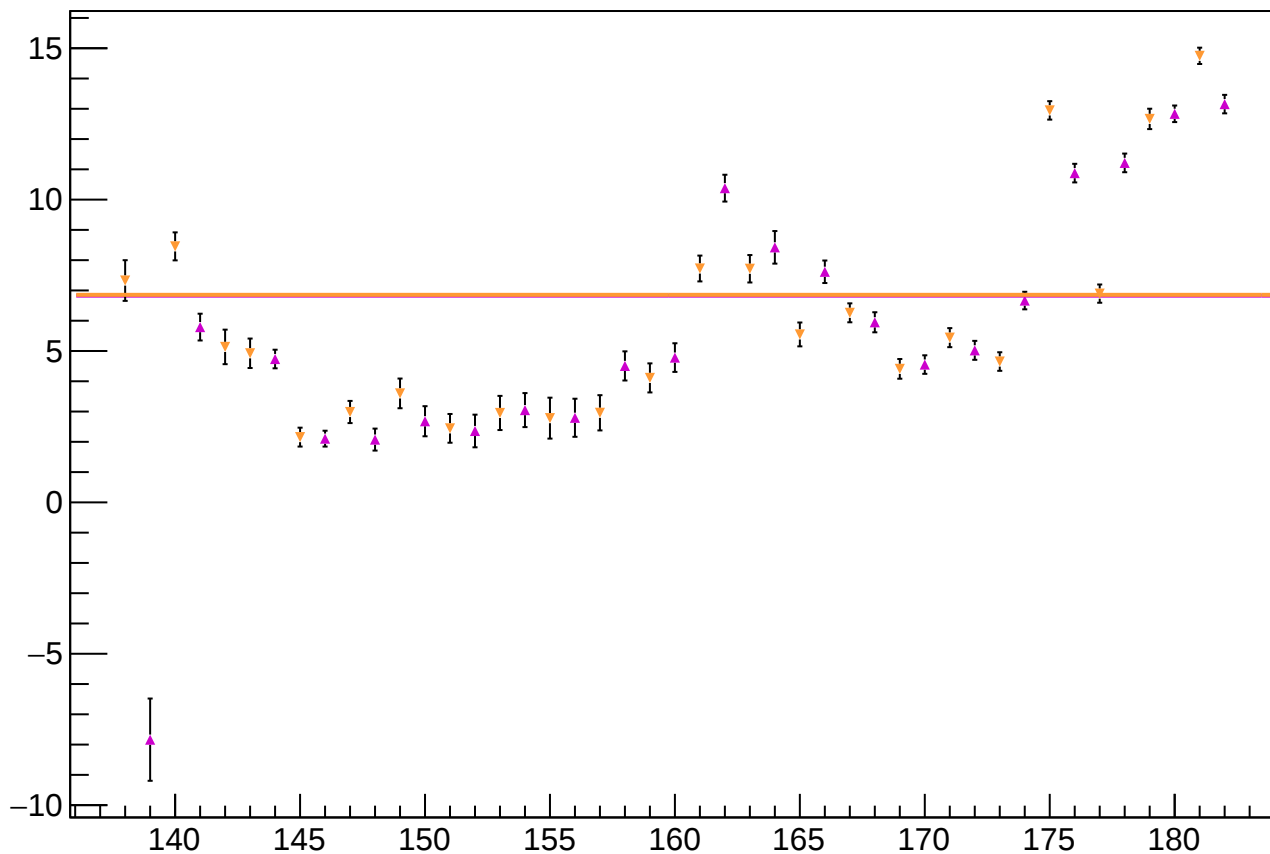
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.729 $\pm$ 0.096 χ^2 /NDF:4808.4/21

Out: -13.030 $\pm$ 0.099 χ^2 /NDF:5252.1/22

All: -12.875 $\pm$ 0.069 χ^2 /NDF: 10065.3/44

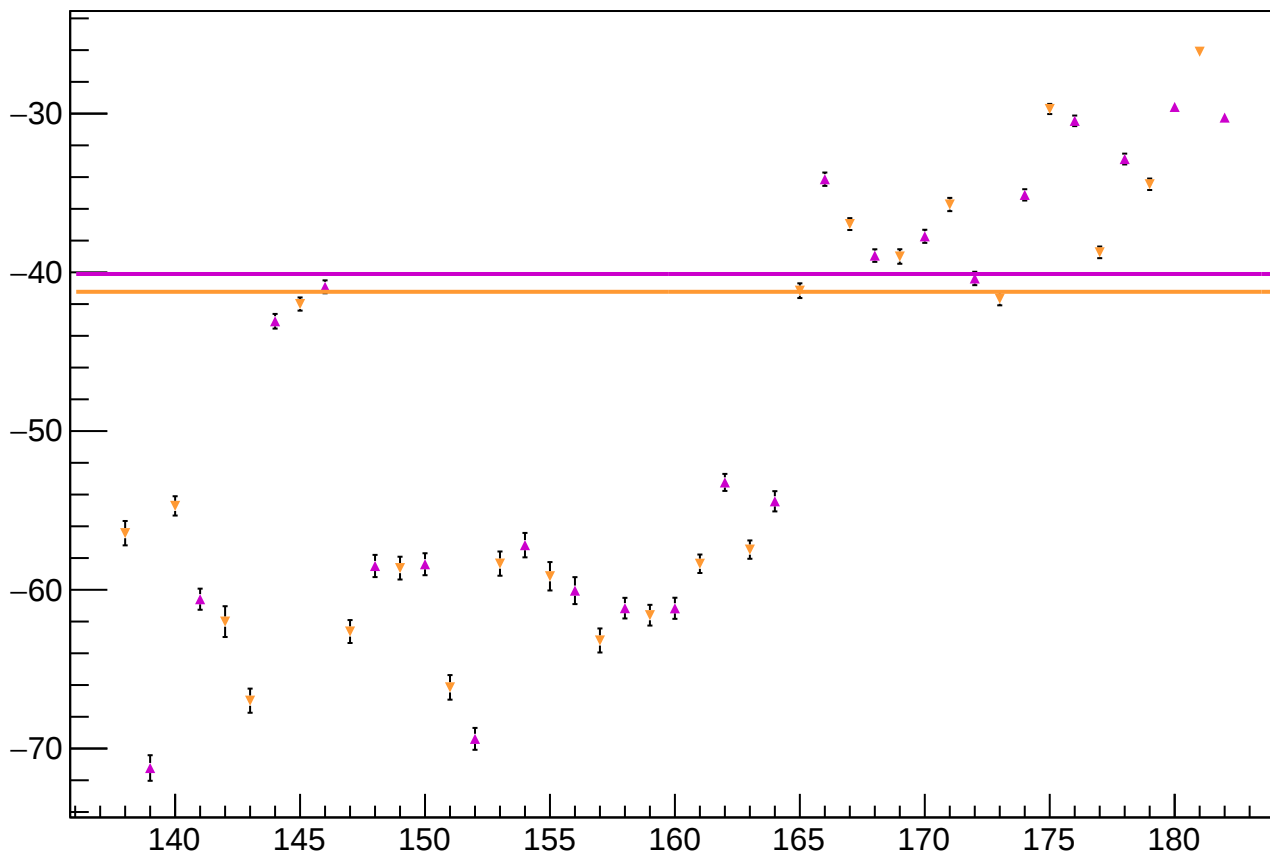
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 6.828+/-0.078 χ^2/NDF :2393.1/21

Left: 6.841+/-0.056 χ^2/NDF : 4767.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 6.828+/-0.078 χ^2/NDF :2393.1/21
 Out: 6.855+/-0.080 χ^2/NDF :2374.2/22
 All: 6.841+/-0.056 χ^2/NDF : 4767.4/44

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: -41.226+/-0.100 χ^2/NDF :14918.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Left: -40.645+/-0.070 χ^2/NDF : 29086.5/44

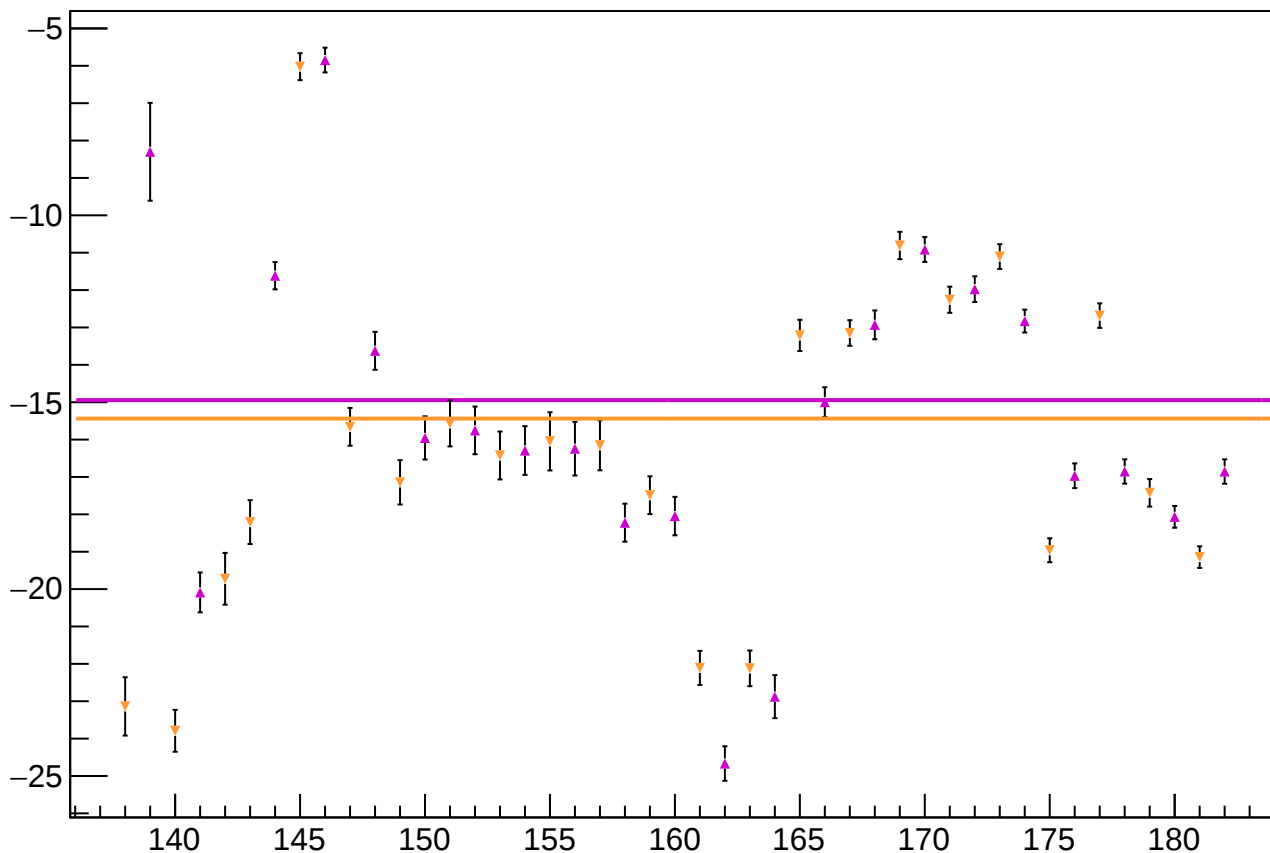
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.104+/-0.097 χ^2/NDF :14102.8/21

Out: -41.226+/-0.100 χ^2/NDF :14918.7/22

All: -40.645+/-0.070 χ^2/NDF : 29086.5/44

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected

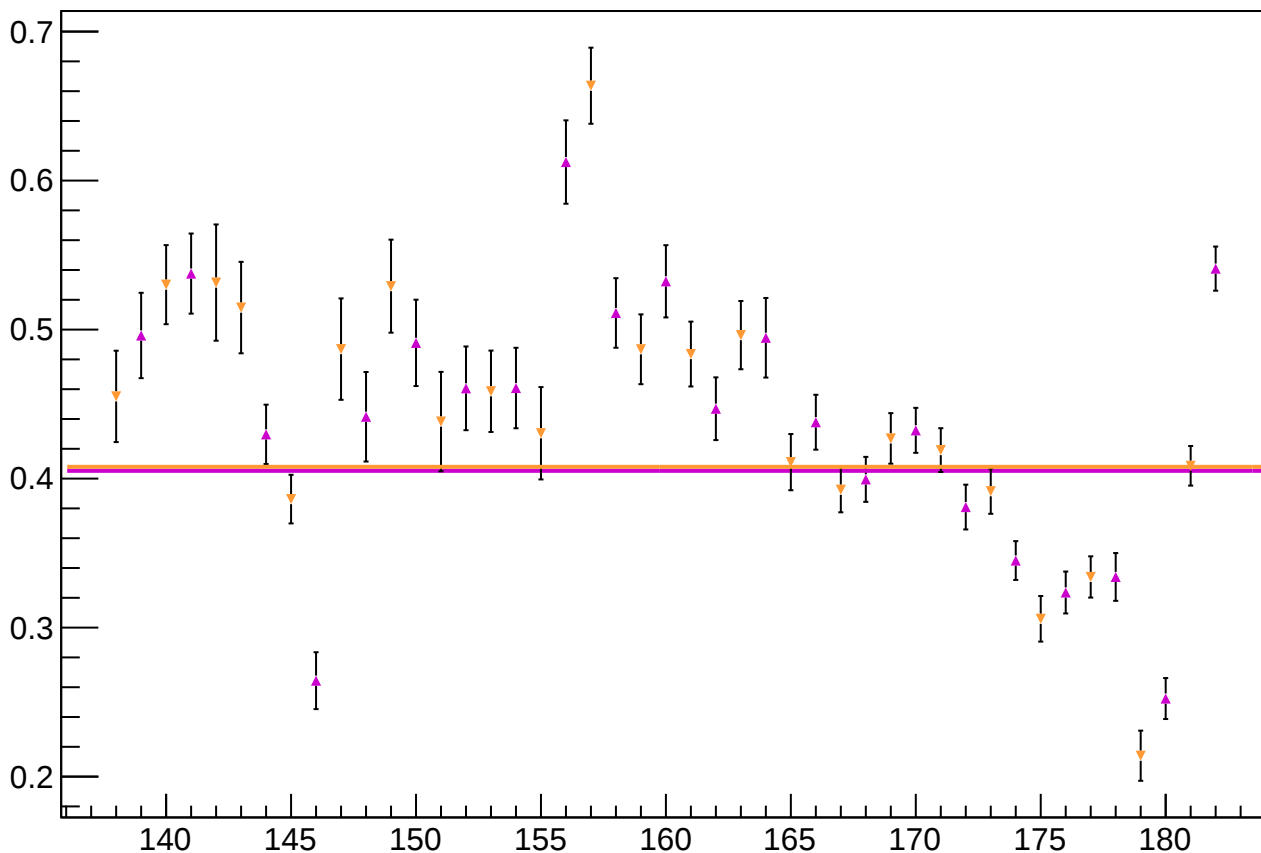


Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -15.438 ± 0.090 $\chi^2/\text{NDF}: 2374.1/22$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.944 ± 0.087 $\chi^2/\text{NDF}: 2203.8/21$

Left: -15.185 ± 0.063 $\chi^2/\text{NDF}: 4593.4/44$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -14.944 ± 0.087 $\chi^2/\text{NDF}: 2203.8/21$
 Out: -15.438 ± 0.090 $\chi^2/\text{NDF}: 2374.1/22$

All: -15.185 ± 0.063 $\chi^2/\text{NDF}: 4593.4/44$

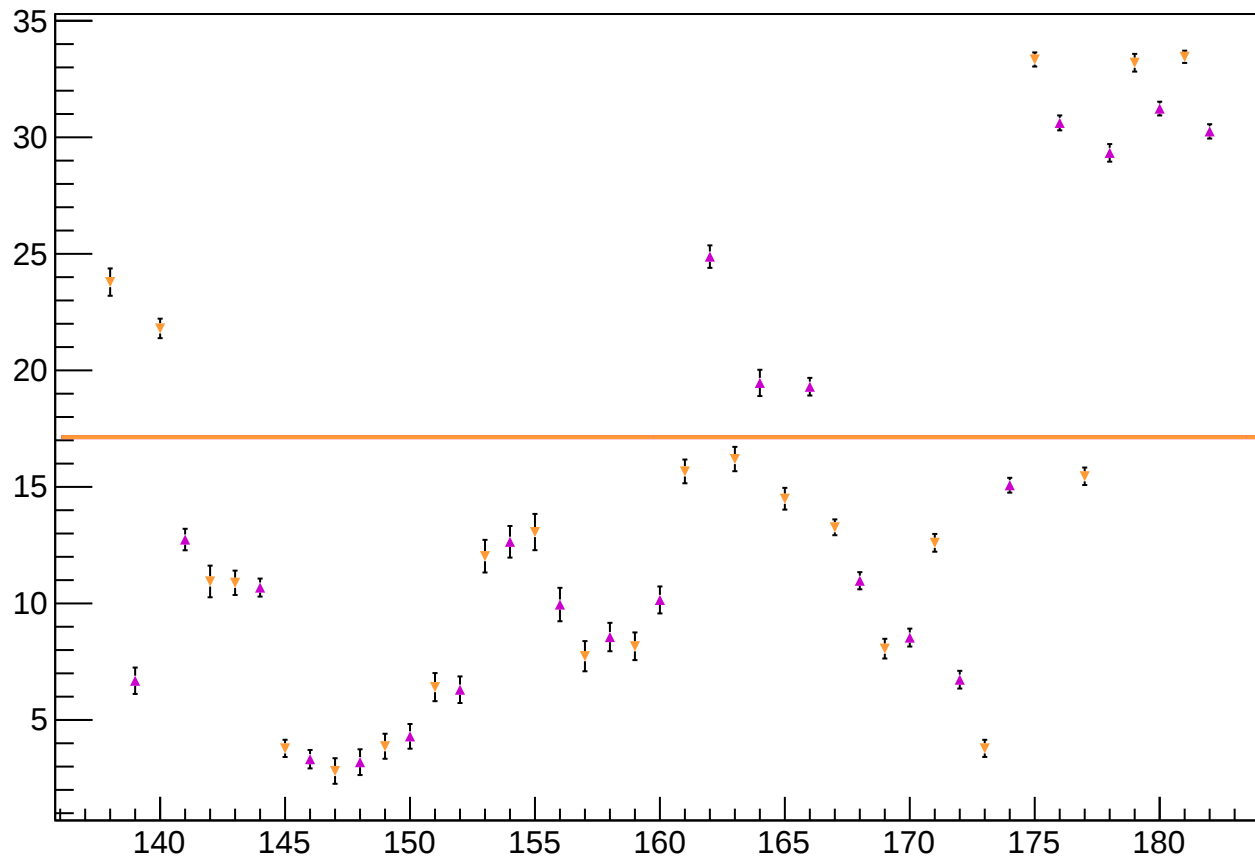
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21

Left: 0.407 $\pm$ 0.003 χ^2 /NDF: 939.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.405 $\pm$ 0.004 χ^2 /NDF:518.2/21
 Out: 0.408 $\pm$ 0.004 χ^2 /NDF:421.2/22
 All: 0.407 $\pm$ 0.003 χ^2 /NDF: 939.7/44

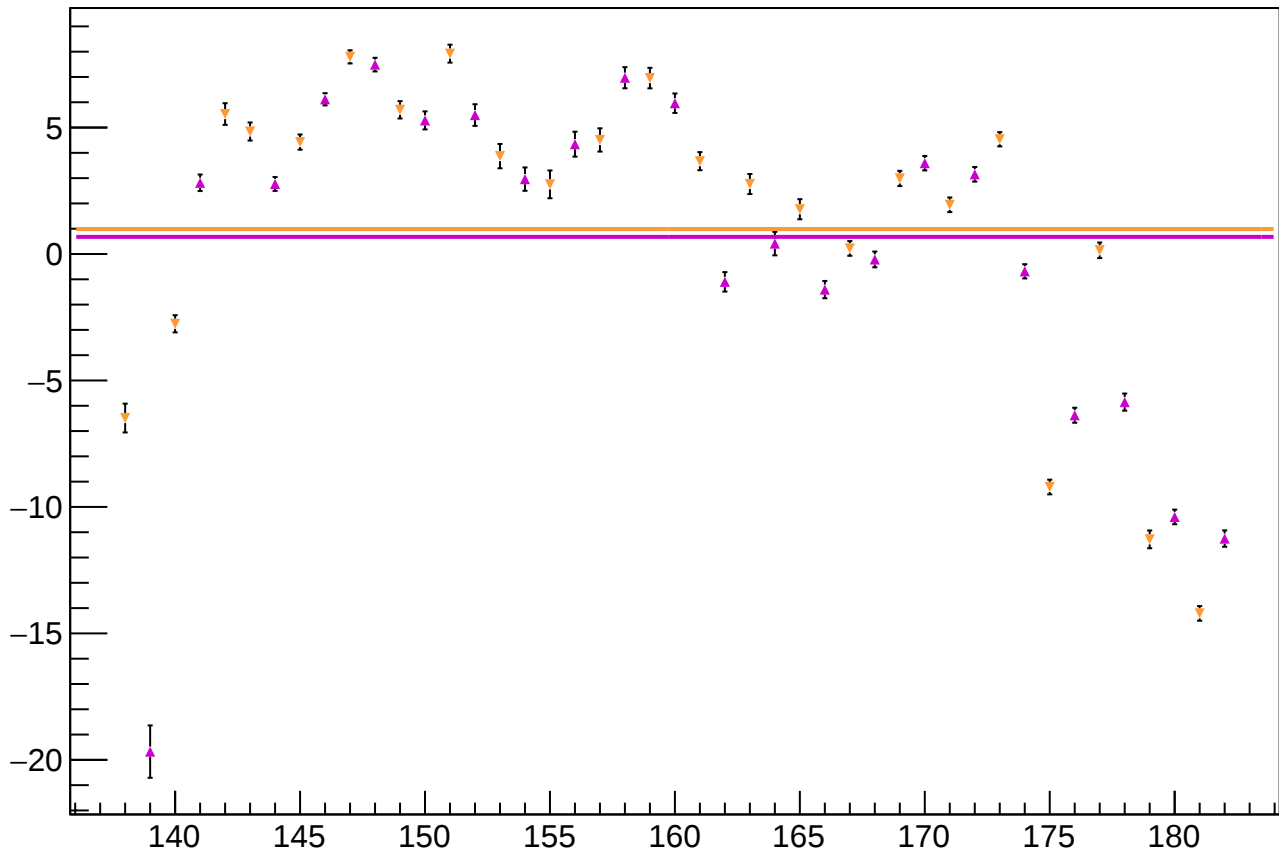
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 17.135+/-0.090 χ^2/NDF :12794.3/21

Left: 17.135+/-0.064 χ^2/NDF : 27325.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 17.135+/-0.090 χ^2/NDF :12794.3/21
 Out: 17.136+/-0.091 χ^2/NDF :14531.2/22
 All: 17.135+/-0.064 χ^2/NDF : 27325.6/44

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Left: 0.832 $\pm$ 0.050 χ^2 /NDF: 14199.1/44

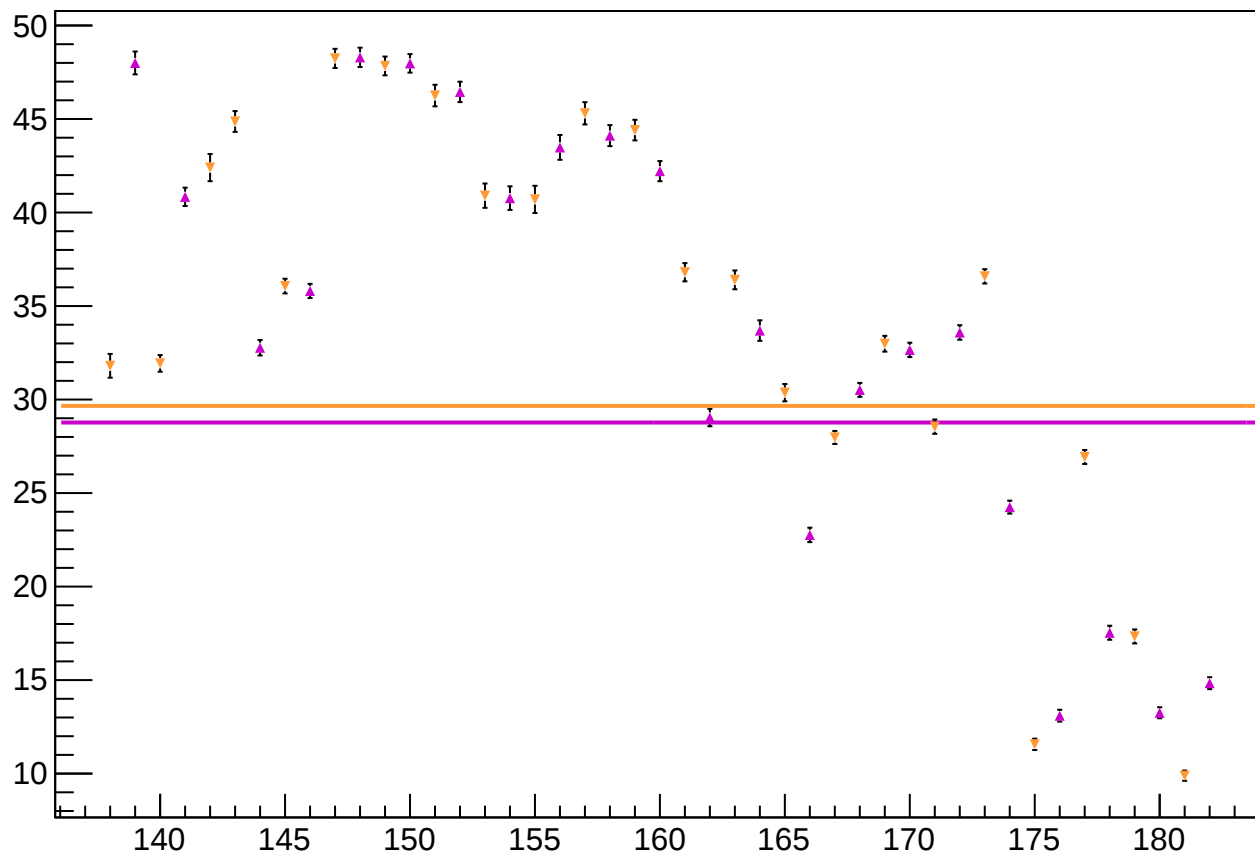
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.678 $\pm$ 0.071 χ^2 /NDF:6454.2/21

Out: 0.988 $\pm$ 0.071 χ^2 /NDF:7735.4/22

All: 0.832 $\pm$ 0.050 χ^2 /NDF: 14199.1/44

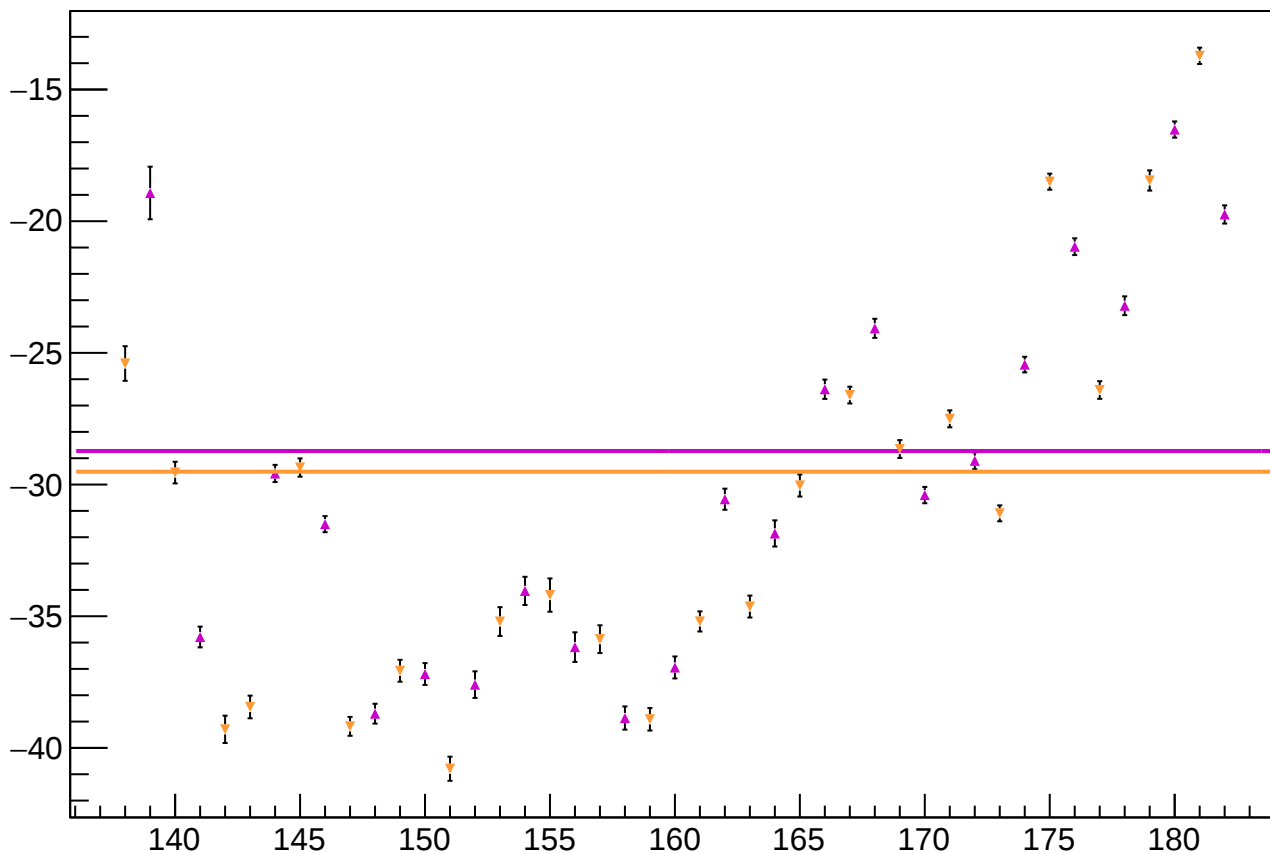
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 29.661 $\pm$ 0.092 χ^2 /NDF:17489.0/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21

Left: 29.207 $\pm$ 0.064 χ^2 /NDF: 34563.6/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 28.772 $\pm$ 0.090 χ^2 /NDF:17026.5/21
 Out: 29.661 $\pm$ 0.092 χ^2 /NDF:17489.0/22
 All: 29.207 $\pm$ 0.064 χ^2 /NDF: 34563.6/44

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: -29.511+/-0.081 χ^2/NDF :8617.1/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.726+/-0.080 χ^2/NDF :6632.3/21

Left: -29.116+/-0.057 χ^2/NDF : 15297.0/44

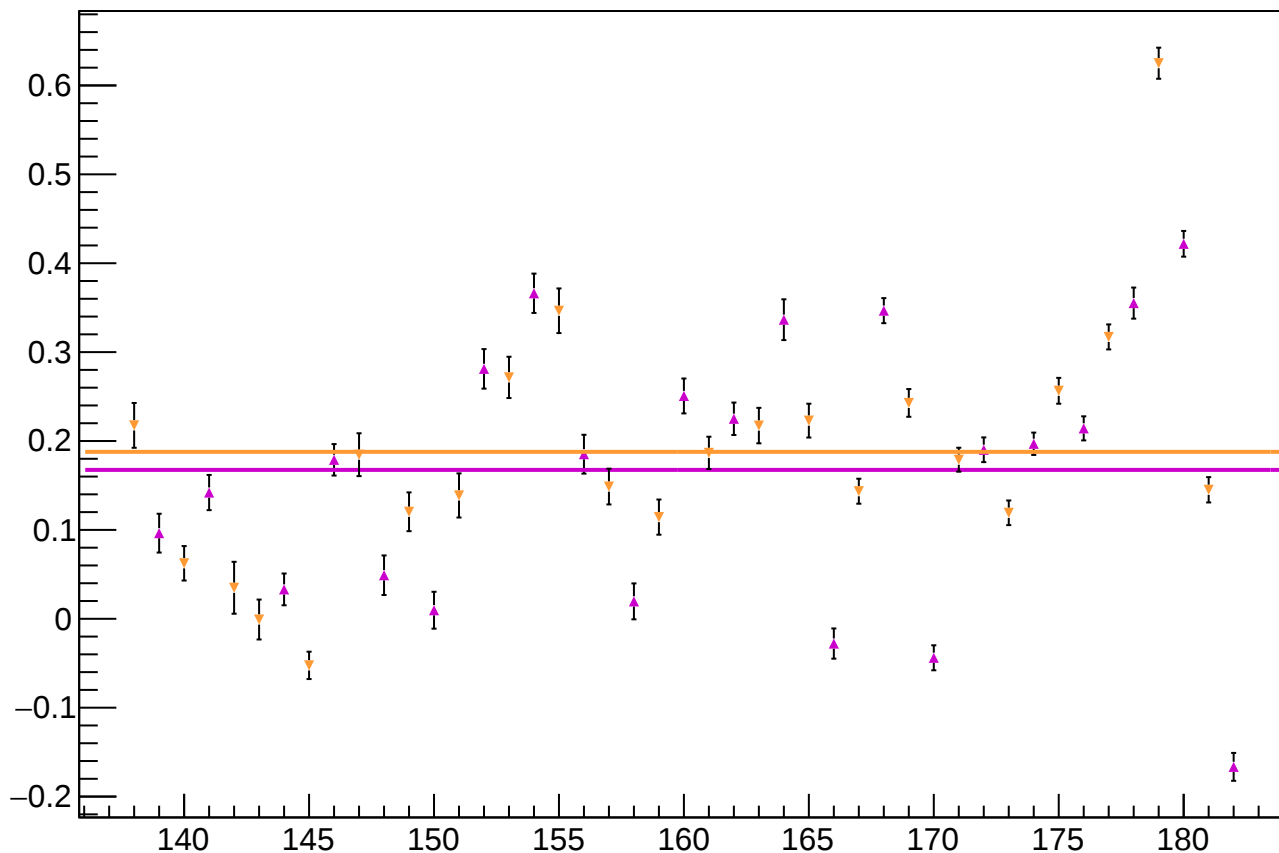
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -28.726+/-0.080 χ^2/NDF :6632.3/21

Out: -29.511+/-0.081 χ^2/NDF :8617.1/22

All: -29.116+/-0.057 χ^2/NDF : 15297.0/44

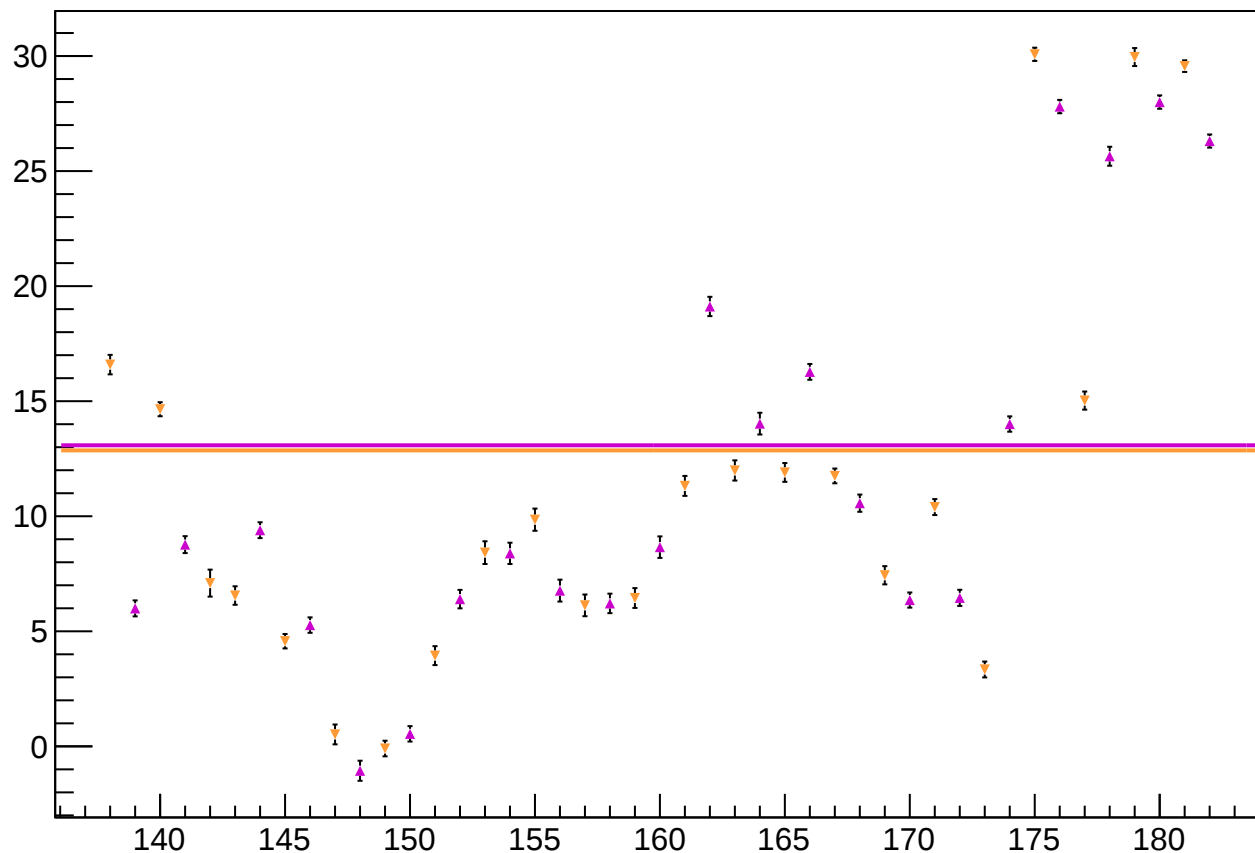
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.188+/-0.004 χ^2/NDF :1262.2/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.168+/-0.004 χ^2/NDF :1816.8/21

Left: 0.177+/-0.003 χ^2/NDF : 3094.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.168+/-0.004 χ^2/NDF :1816.8/21
 Out: 0.188+/-0.004 χ^2/NDF :1262.2/22
 All: 0.177+/-0.003 χ^2/NDF : 3094.0/44

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 12.862 $\pm$ 0.078 χ^2 /NDF:15324.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 13.083 $\pm$ 0.077 χ^2 /NDF:13965.6/21

Left: 12.974 $\pm$ 0.055 χ^2 /NDF: 29293.8/44

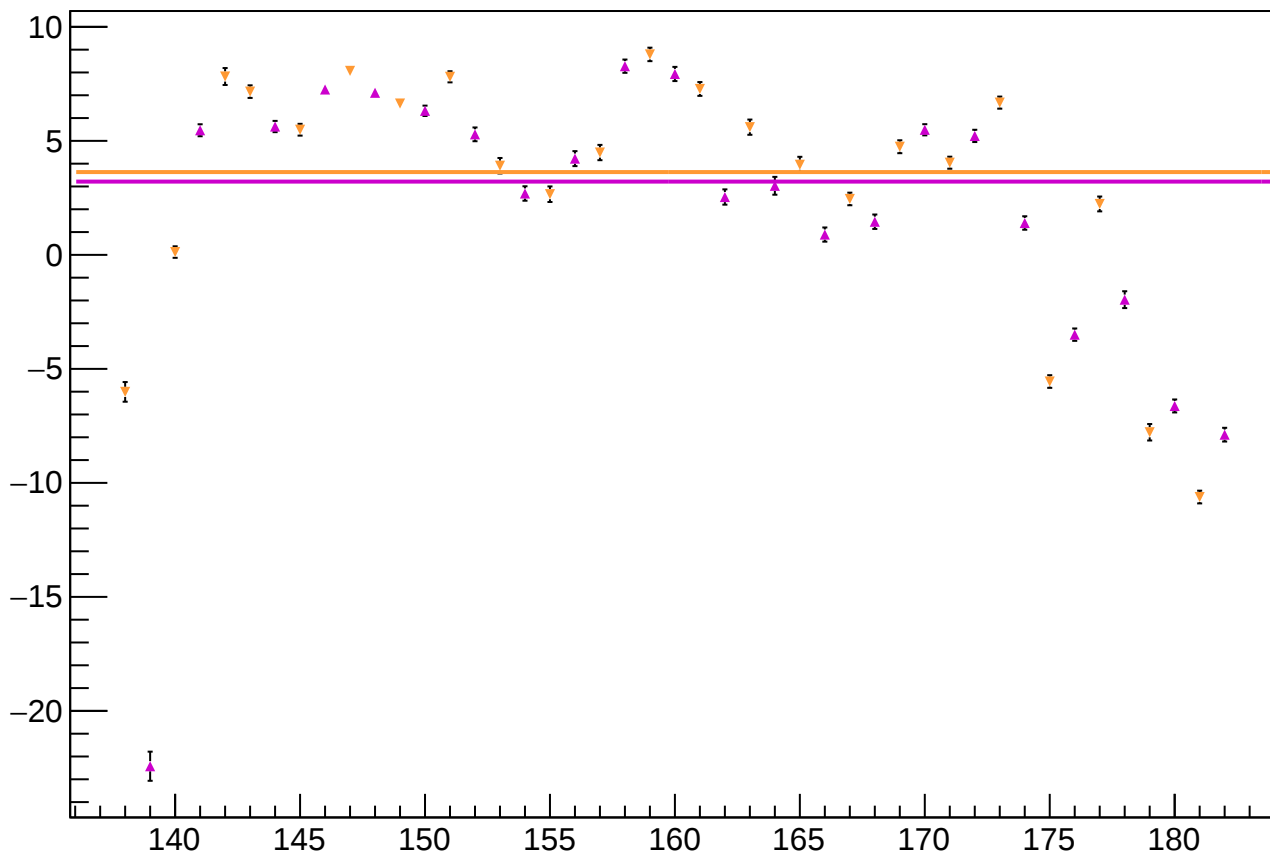
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 13.083 $\pm$ 0.077 χ^2 /NDF:13965.6/21

Out: 12.862 $\pm$ 0.078 χ^2 /NDF:15324.1/22

All: 12.974 $\pm$ 0.055 χ^2 /NDF: 29293.8/44

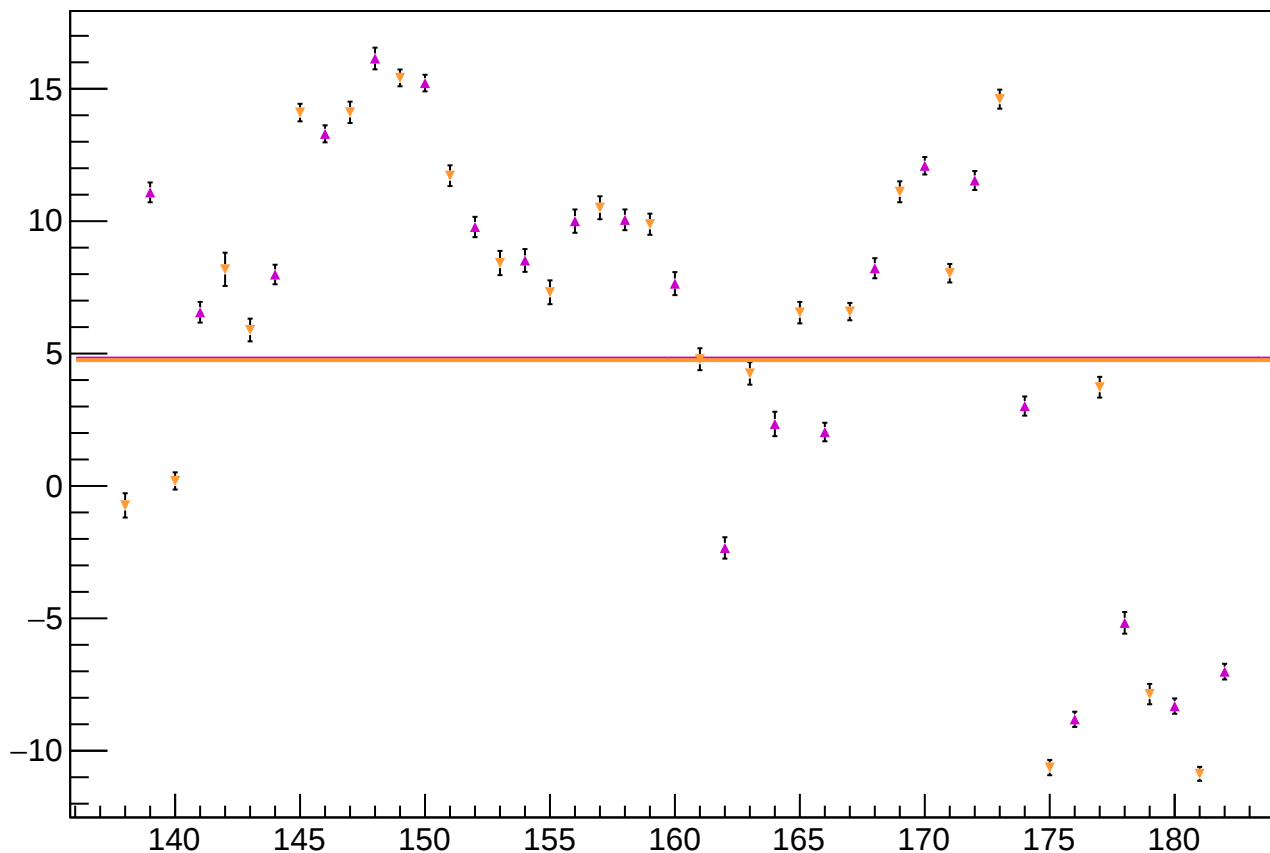
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 3.632 $\pm$ 0.060 χ^2/NDF :7351.3/22
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 3.214 $\pm$ 0.061 χ^2/NDF :6873.0/21

Left: 3.426 $\pm$ 0.043 χ^2/NDF : 14248.3/44
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 3.214 $\pm$ 0.061 χ^2/NDF :6873.0/21
 Out: 3.632 $\pm$ 0.060 χ^2/NDF :7351.3/22
 All: 3.426 $\pm$ 0.043 χ^2/NDF : 14248.3/44

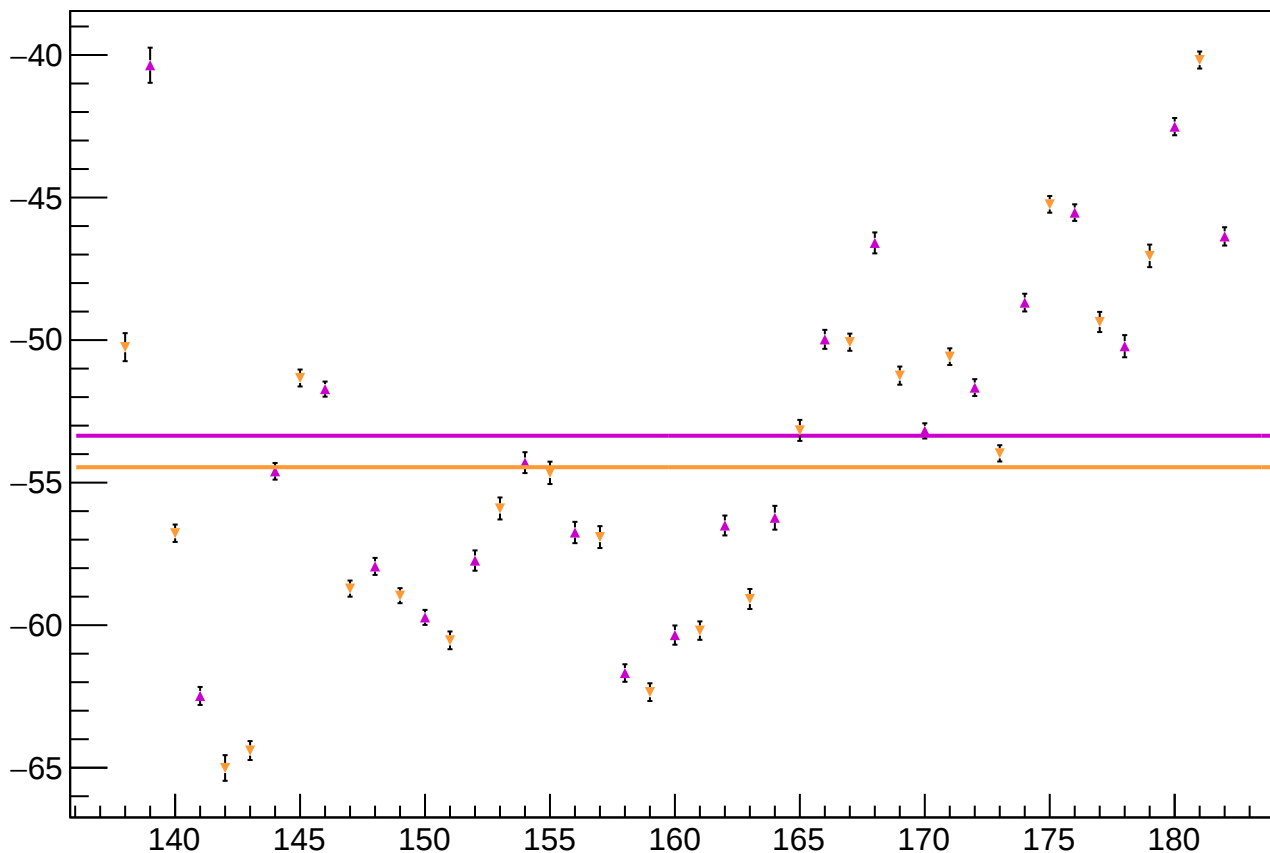
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.753+/-0.078 χ^2/NDF :12188.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.810+/-0.077 χ^2/NDF :11378.4/21

Left: 4.782+/-0.055 χ^2/NDF : 23566.8/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.810+/-0.077 χ^2/NDF :11378.4/21
 Out: 4.753+/-0.078 χ^2/NDF :12188.1/22
 All: 4.782+/-0.055 χ^2/NDF : 23566.8/44

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: -54.459+/-0.068 χ^2/NDF :8115.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.355+/-0.069 χ^2/NDF :6931.7/21

Left: -53.912+/-0.048 χ^2/NDF : 15176.6/44

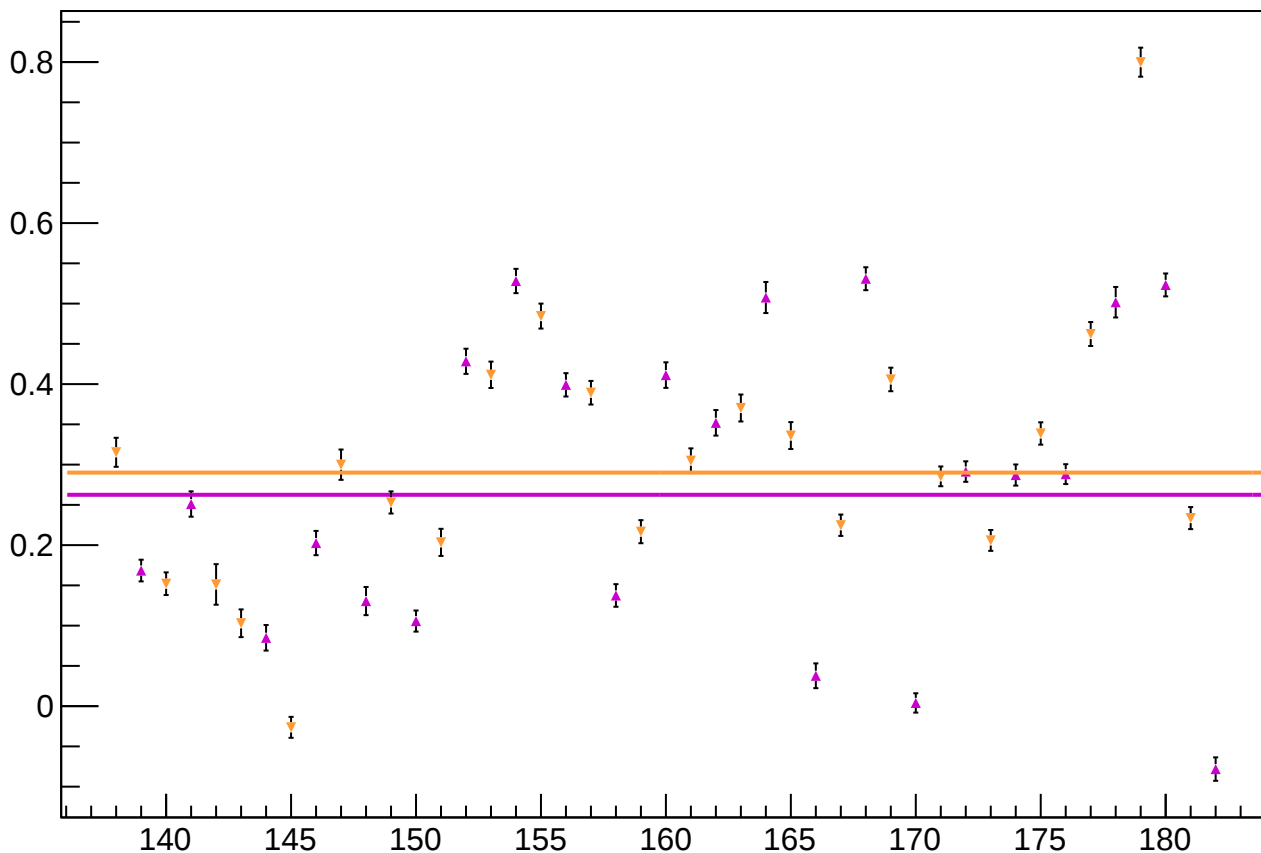
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.355+/-0.069 χ^2/NDF :6931.7/21

Out: -54.459+/-0.068 χ^2/NDF :8115.2/22

All: -53.912+/-0.048 χ^2/NDF : 15176.6/44

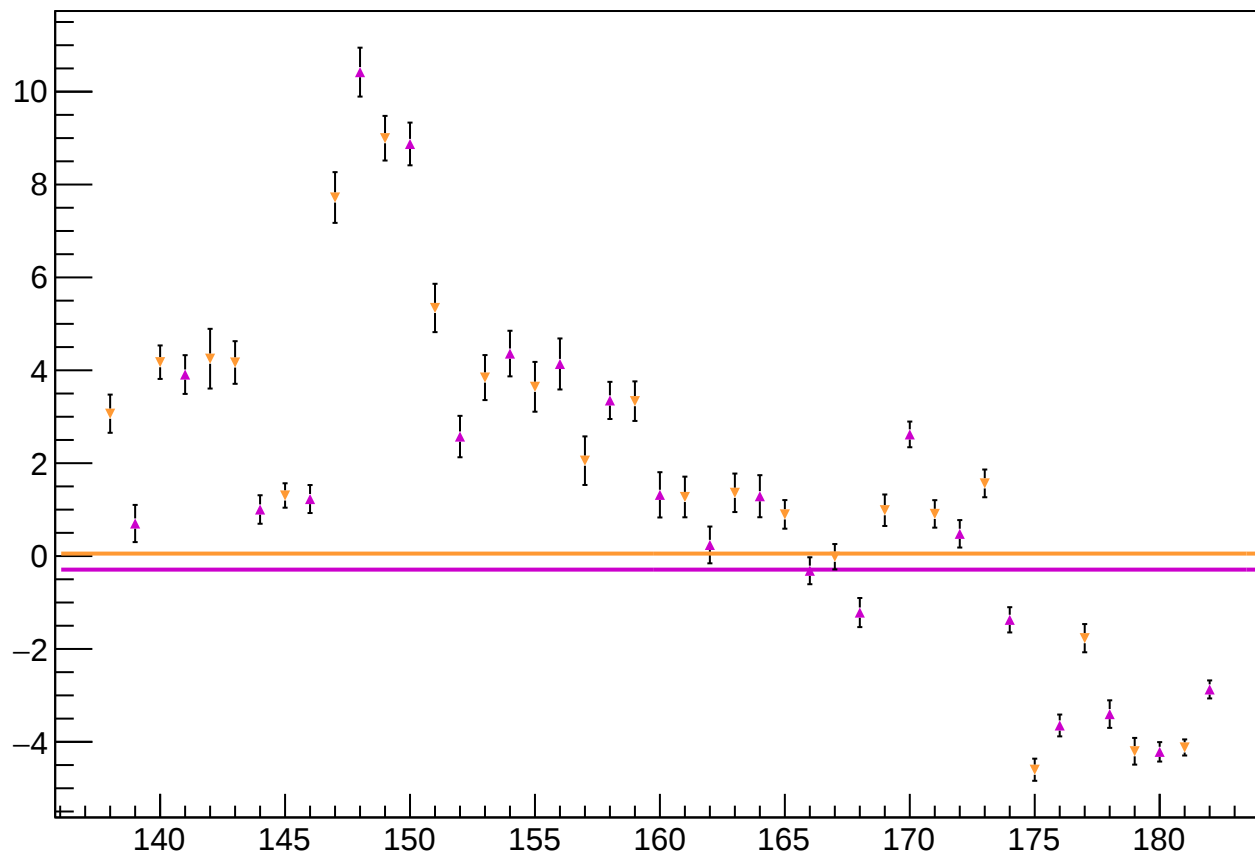
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.263 $\pm$ 0.003 χ^2 /NDF:3349.6/21

Left: 0.276 $\pm$ 0.002 χ^2 /NDF: 5667.7/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.263 $\pm$ 0.003 χ^2 /NDF:3349.6/21
 Out: 0.290 $\pm$ 0.003 χ^2 /NDF:2279.4/22
 All: 0.276 $\pm$ 0.002 χ^2 /NDF: 5667.7/44

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



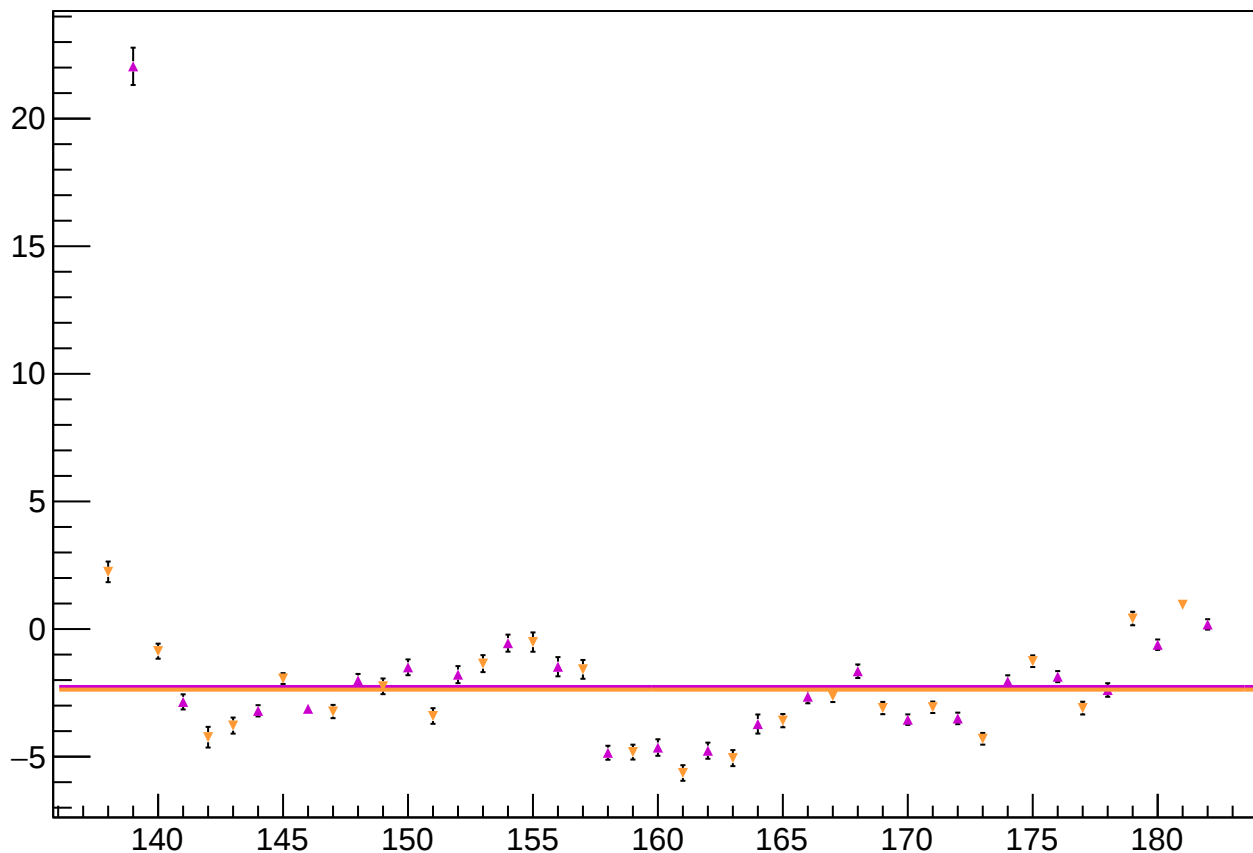
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.053 $\pm$ 0.070 χ^2 /NDF:2439.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.292 $\pm$ 0.068 χ^2 /NDF:2250.1/21

Left: -0.124 $\pm$ 0.049 χ^2 /NDF: 4702.0/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.292 $\pm$ 0.068 χ^2 /NDF:2250.1/21
 Out: 0.053 $\pm$ 0.070 χ^2 /NDF:2439.4/22

All: -0.124 $\pm$ 0.049 χ^2 /NDF: 4702.0/44

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



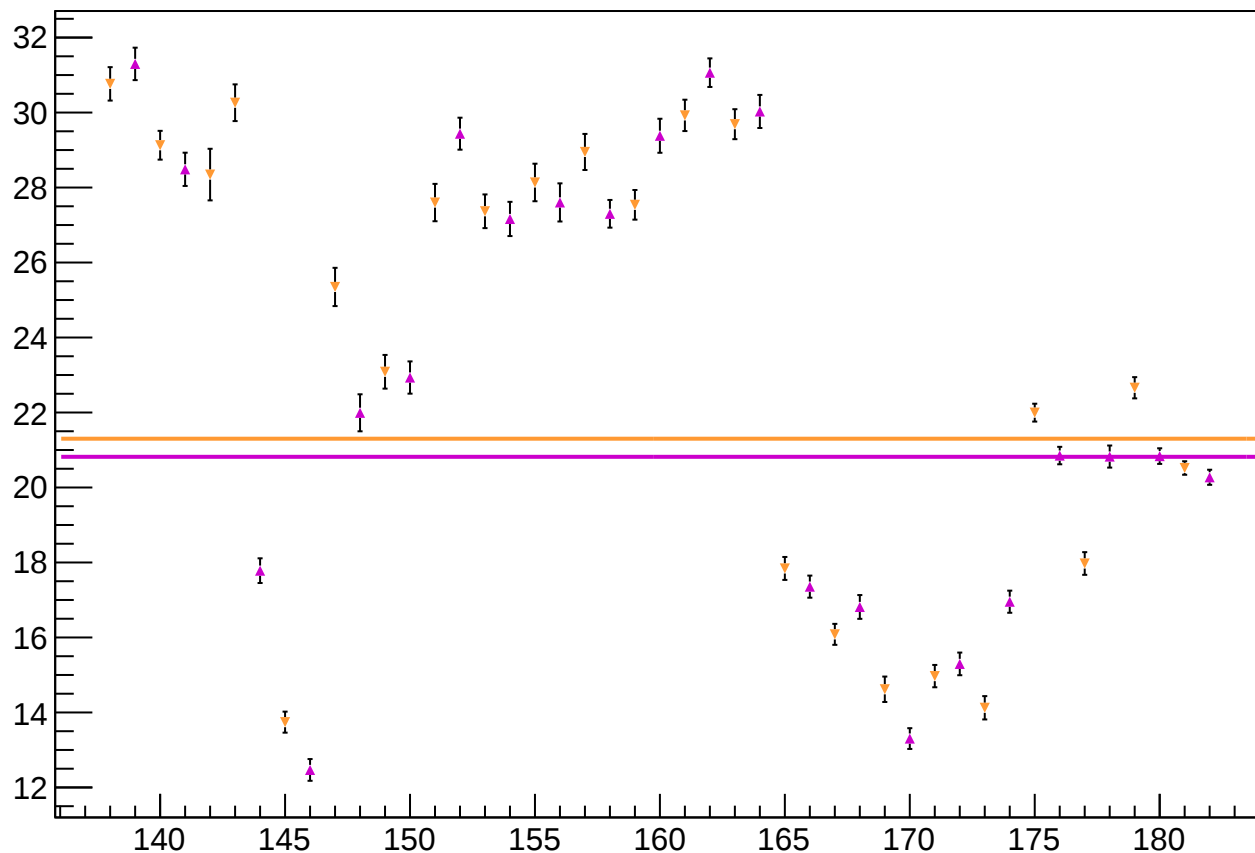
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -2.374 ± 0.056 $\chi^2/\text{NDF}: 1079.0/22$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.269 ± 0.056 $\chi^2/\text{NDF}: 1698.3/21$

Left: -2.321 ± 0.040 $\chi^2/\text{NDF}: 2779.0/44$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -2.269 ± 0.056 $\chi^2/\text{NDF}: 1698.3/21$
 Out: -2.374 ± 0.056 $\chi^2/\text{NDF}: 1079.0/22$

All: -2.321 ± 0.040 $\chi^2/\text{NDF}: 2779.0/44$

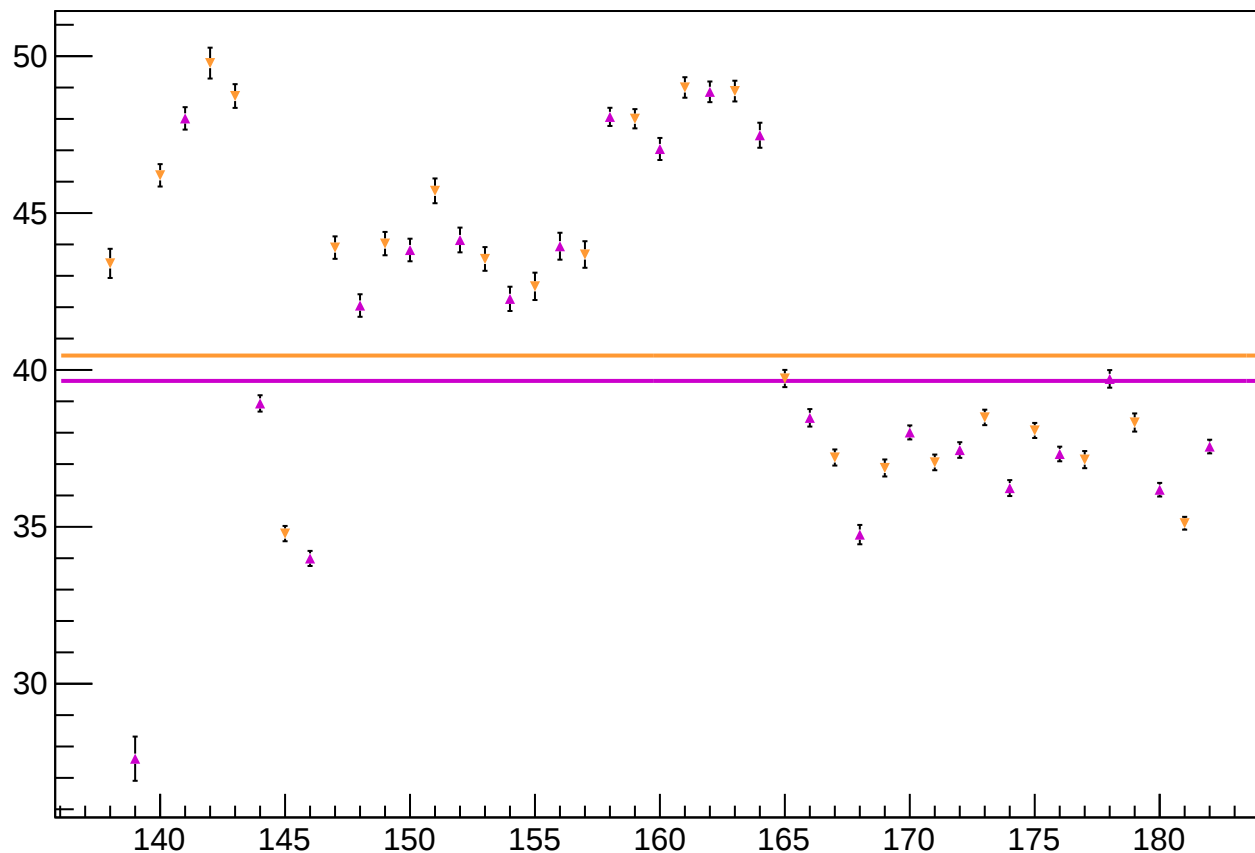
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 21.301+/-0.071 χ^2/NDF : 6027.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 20.818+/-0.068 χ^2/NDF : 5977.9/21

Left: 21.052+/-0.049 χ^2/NDF : 12029.9/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 20.818+/-0.068 χ^2/NDF : 5977.9/21
 Out: 21.301+/-0.071 χ^2/NDF : 6027.8/22
 All: 21.052+/-0.049 χ^2/NDF : 12029.9/44

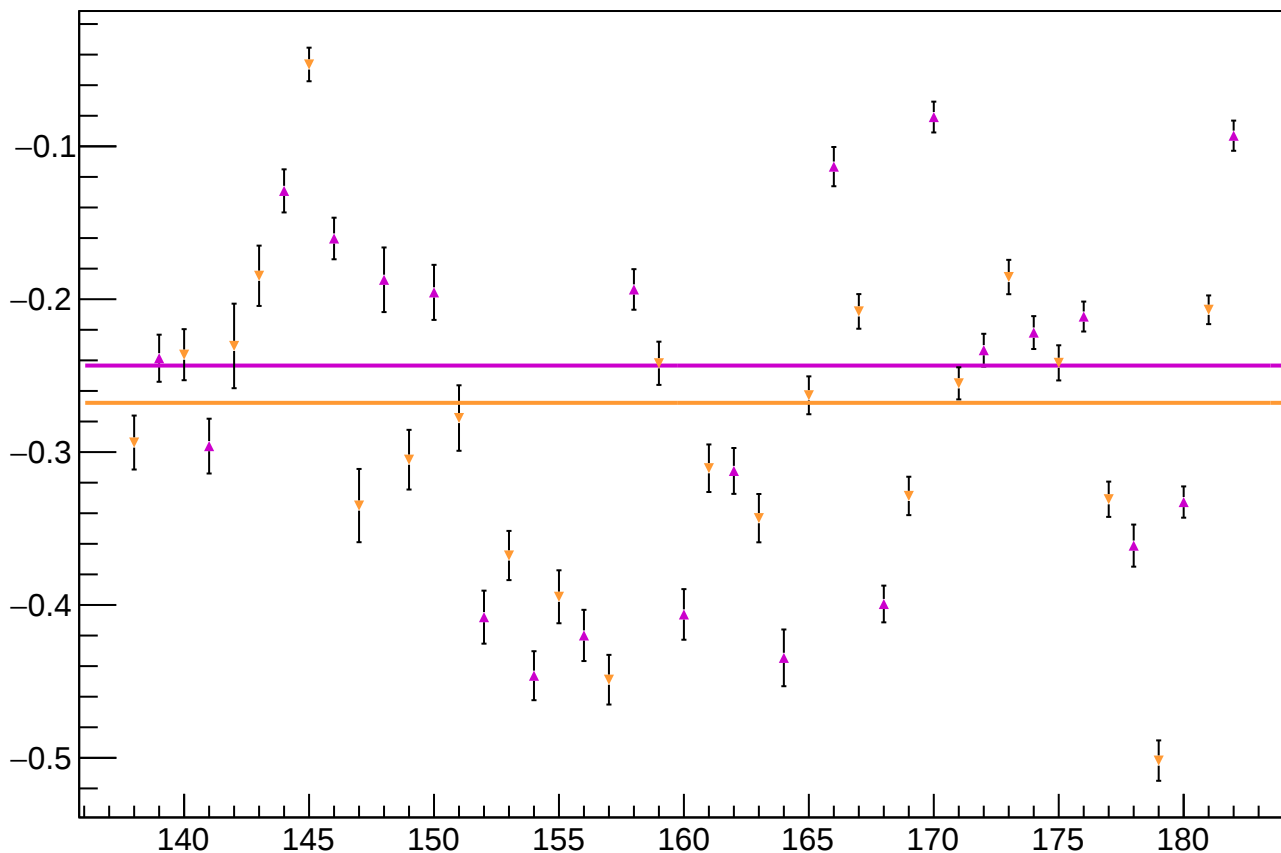
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21

Left: 40.047 $\pm$ 0.044 χ^2 /NDF: 11127.5/44
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 39.651 $\pm$ 0.062 χ^2 /NDF:5339.8/21
 Out: 40.459 $\pm$ 0.063 χ^2 /NDF:5704.4/22
 All: 40.047 $\pm$ 0.044 χ^2 /NDF: 11127.5/44

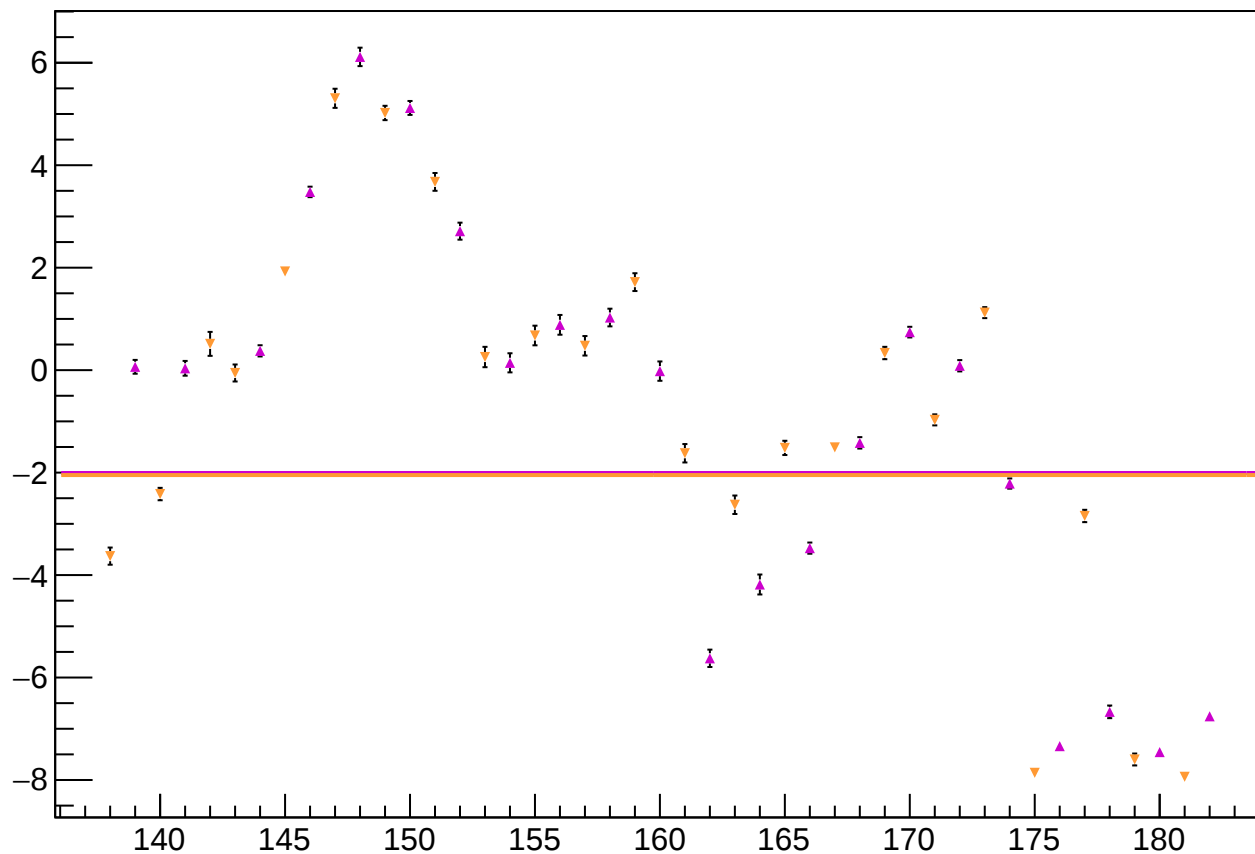
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.243+/-0.003 χ^2/NDF :1654.0/21

Left: -0.255+/-0.002 χ^2/NDF : 2881.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.243+/-0.003 χ^2/NDF :1654.0/21
 Out: -0.268+/-0.003 χ^2/NDF :1190.6/22
 All: -0.255+/-0.002 χ^2/NDF : 2881.1/44

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



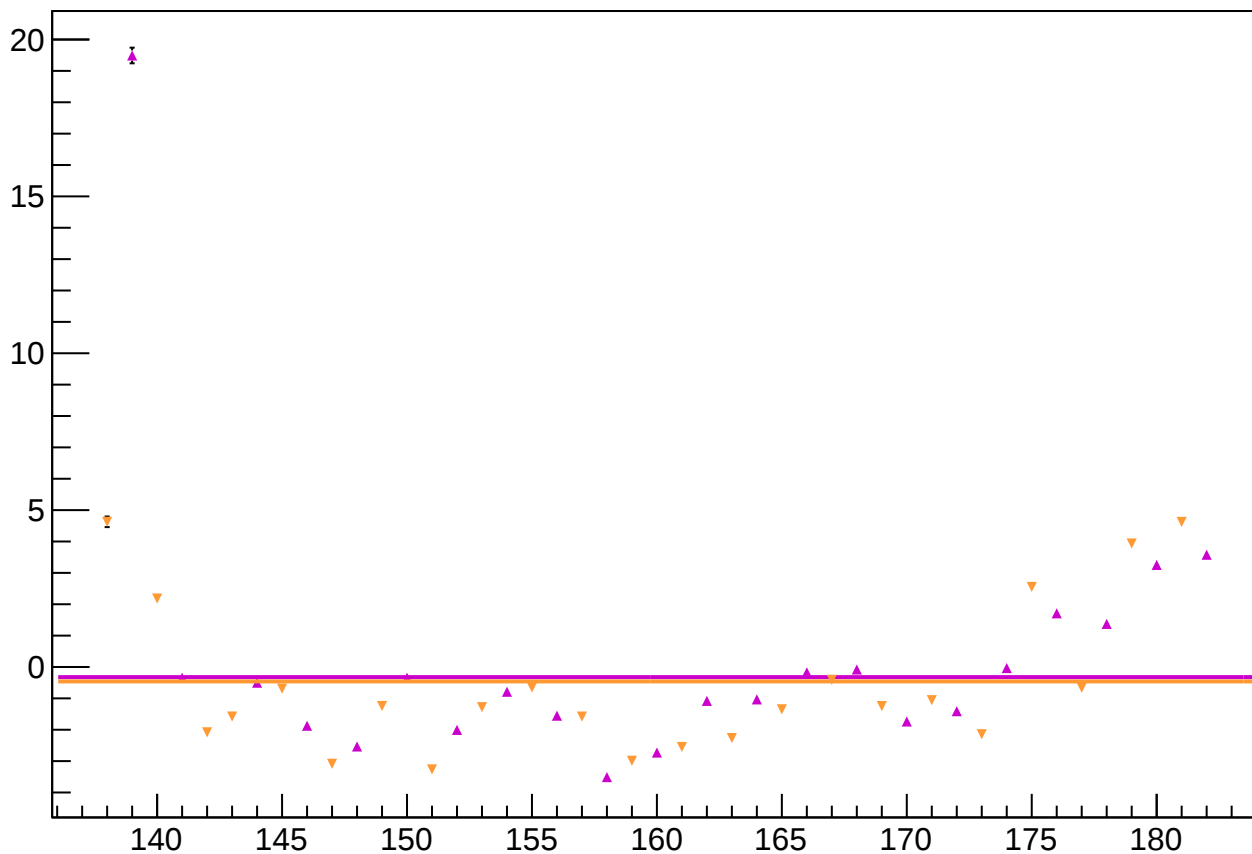
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.048+/-0.027 χ^2/NDF :22136.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.007+/-0.026 χ^2/NDF :23200.6/21

Left: -2.027+/-0.019 χ^2/NDF : 45338.5/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -2.007+/-0.026 χ^2/NDF :23200.6/21
 Out: -2.048+/-0.027 χ^2/NDF :22136.7/22

All: -2.027+/-0.019 χ^2/NDF : 45338.5/44

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



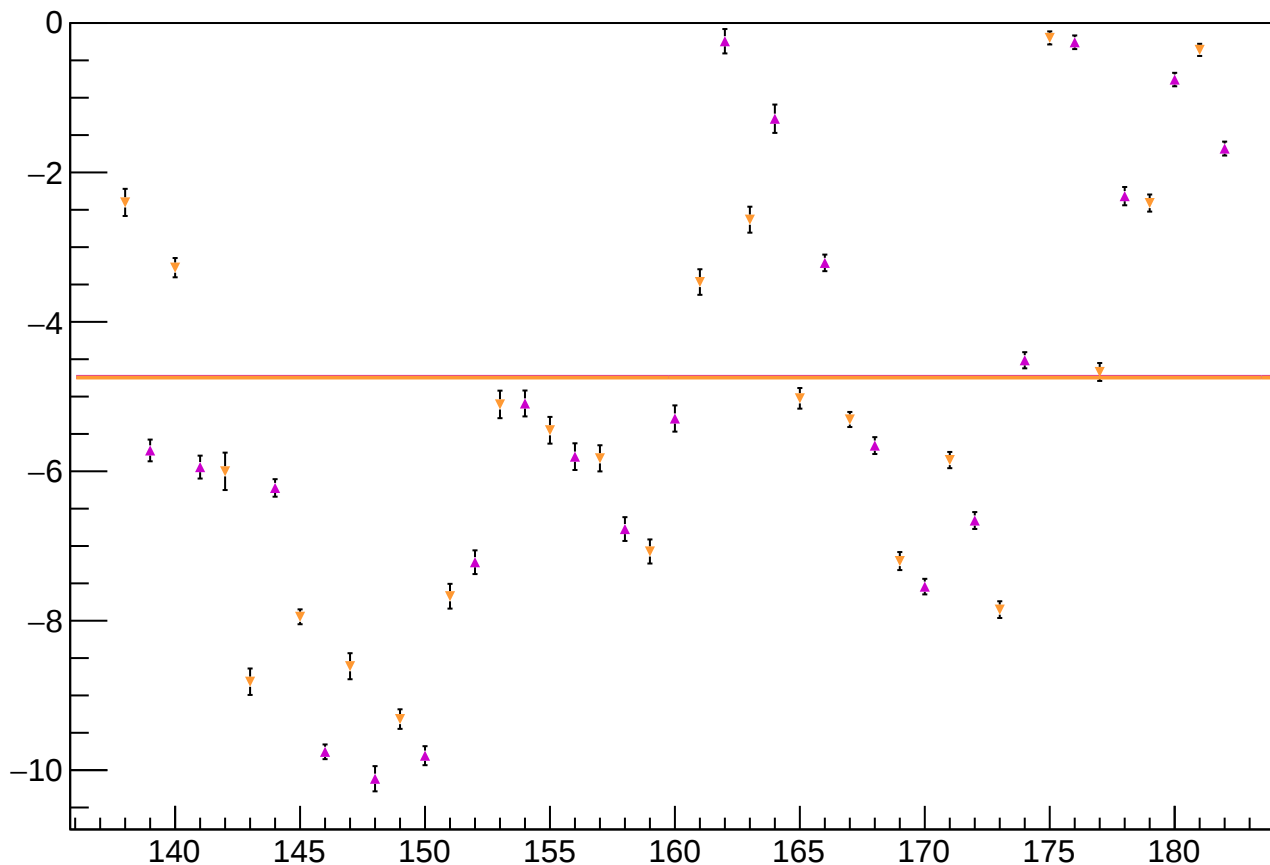
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.460+/-0.021 χ^2/NDF :11561.7/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.323+/-0.021 χ^2/NDF :13544.9/21

Left: -0.391+/-0.015 χ^2/NDF : 25127.6/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.323+/-0.021 χ^2/NDF :13544.9/21
 Out: -0.460+/-0.021 χ^2/NDF :11561.7/22

All: -0.391+/-0.015 χ^2/NDF : 25127.6/44

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



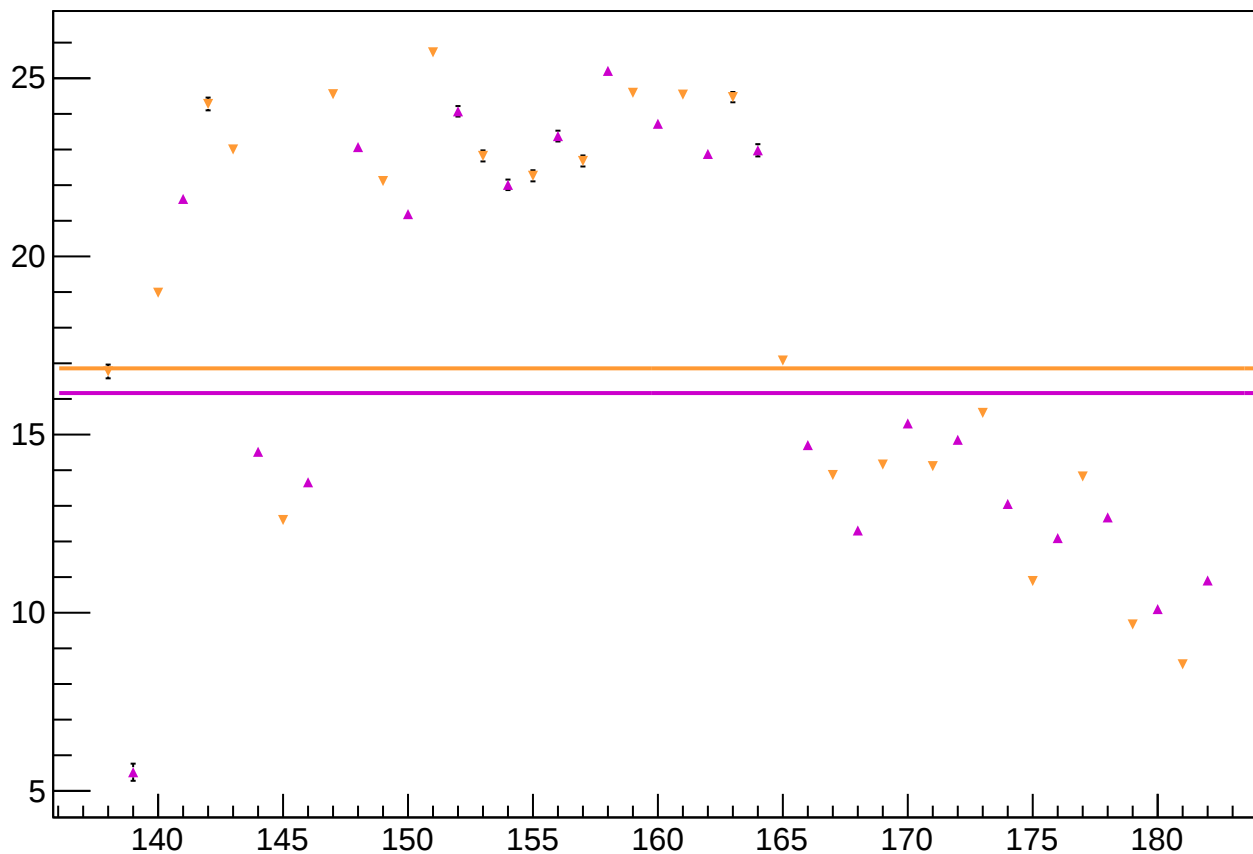
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.745+/-0.027 χ^2/NDF :11719.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.737+/-0.026 χ^2/NDF :14116.8/21

Left: -4.741+/-0.019 χ^2/NDF : 25836.7/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.737+/-0.026 χ^2/NDF :14116.8/21
 Out: -4.745+/-0.027 χ^2/NDF :11719.8/22

All: -4.741+/-0.019 χ^2/NDF : 25836.7/44

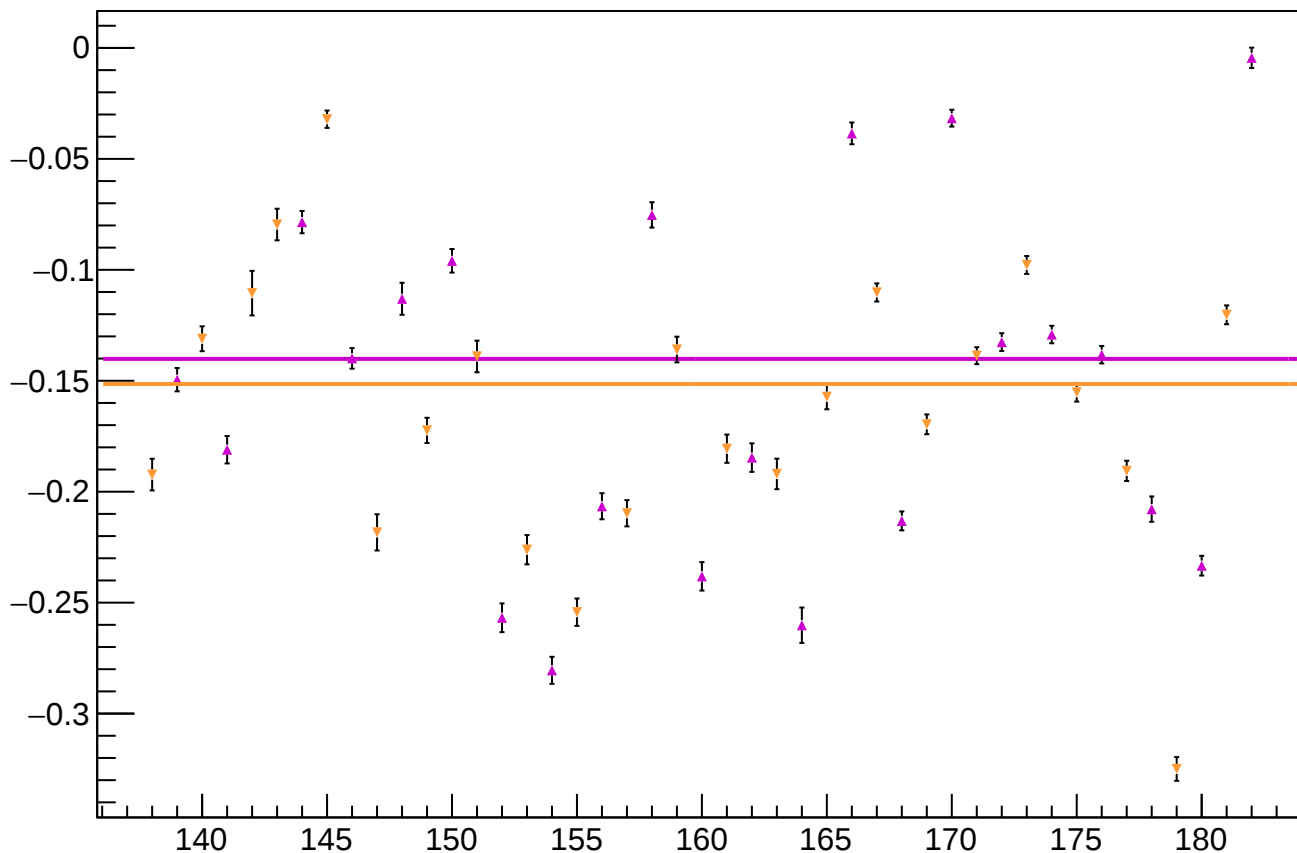
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 16.858+/-0.024 χ^2 /NDF:51286.3/22
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 16.165+/-0.024 χ^2 /NDF:41861.9/21

Left: 16.508+/-0.017 χ^2 /NDF: 93572.1/44
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 16.165+/-0.024 χ^2 /NDF:41861.9/21
 Out: 16.858+/-0.024 χ^2 /NDF:51286.3/22
 All: 16.508+/-0.017 χ^2 /NDF: 93572.1/44

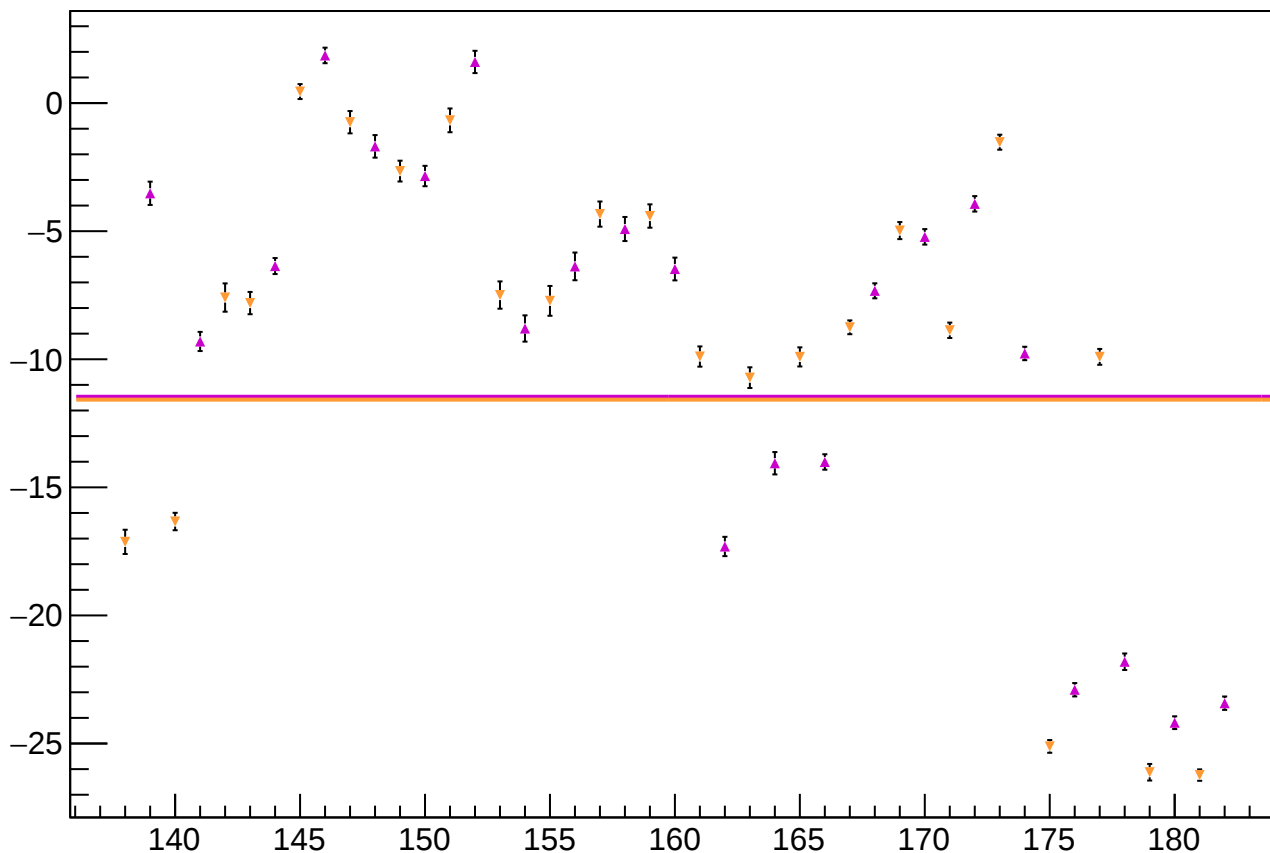
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.140+/-0.001 χ^2/NDF : 4917.8/21

Left: -0.146+/-0.001 χ^2/NDF : 8208.0/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.140+/-0.001 χ^2/NDF : 4917.8/21
 Out: -0.151+/-0.001 χ^2/NDF : 3235.8/22
 All: -0.146+/-0.001 χ^2/NDF : 8208.0/44

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: -11.576+/-0.073 χ^2/NDF :15489.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Left: -11.519+/-0.051 χ^2/NDF : 29613.3/44

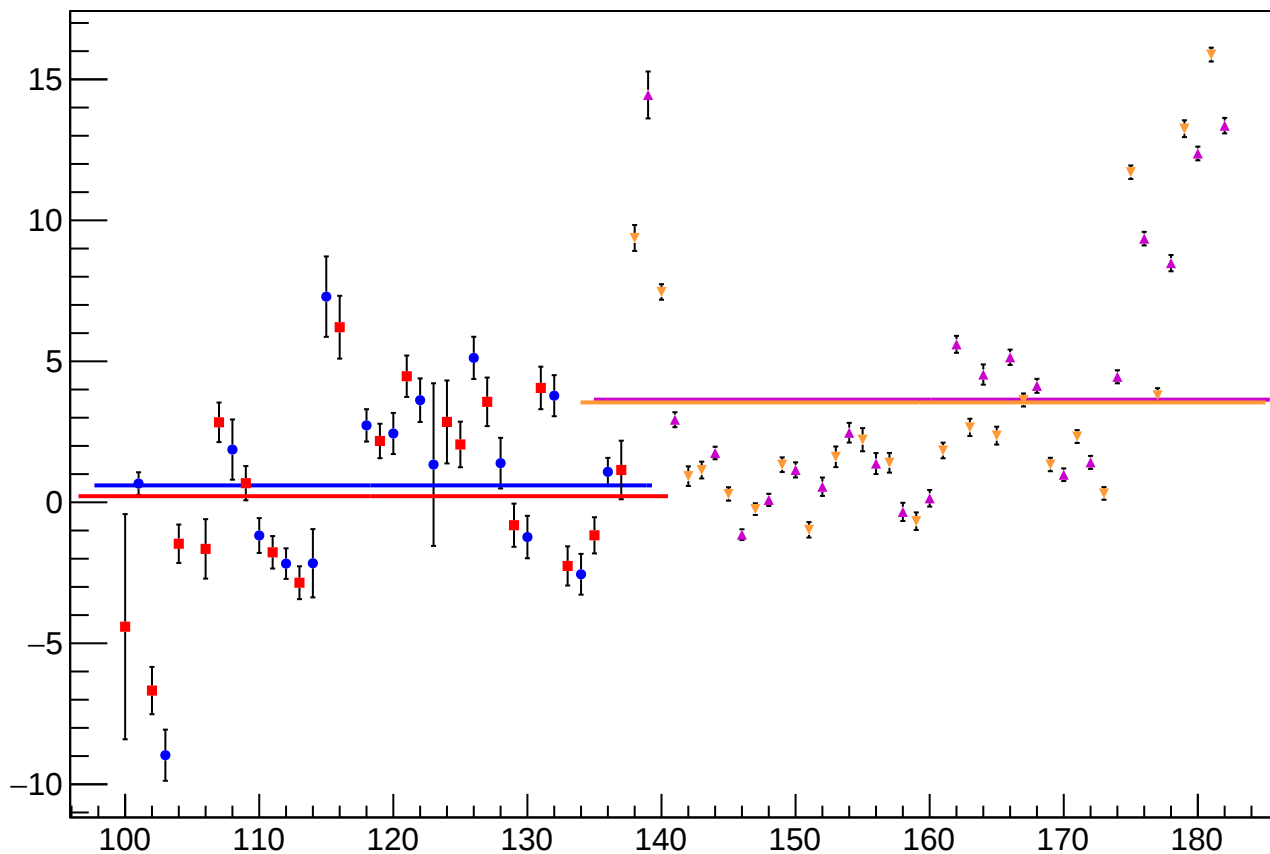
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.464+/-0.072 χ^2/NDF :14122.9/21

Out: -11.576+/-0.073 χ^2/NDF :15489.2/22

All: -11.519+/-0.051 χ^2/NDF : 29613.3/44

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 3.543 ± 0.057 $\chi^2/\text{NDF}: 6712.2/22$

Right Out: 0.216 ± 0.175 $\chi^2/\text{NDF}: 274.5/18$

Left In: 3.641 ± 0.057 $\chi^2/\text{NDF}: 5364.4/21$

Left: 3.592 ± 0.040 $\chi^2/\text{NDF}: 12078.1/44$

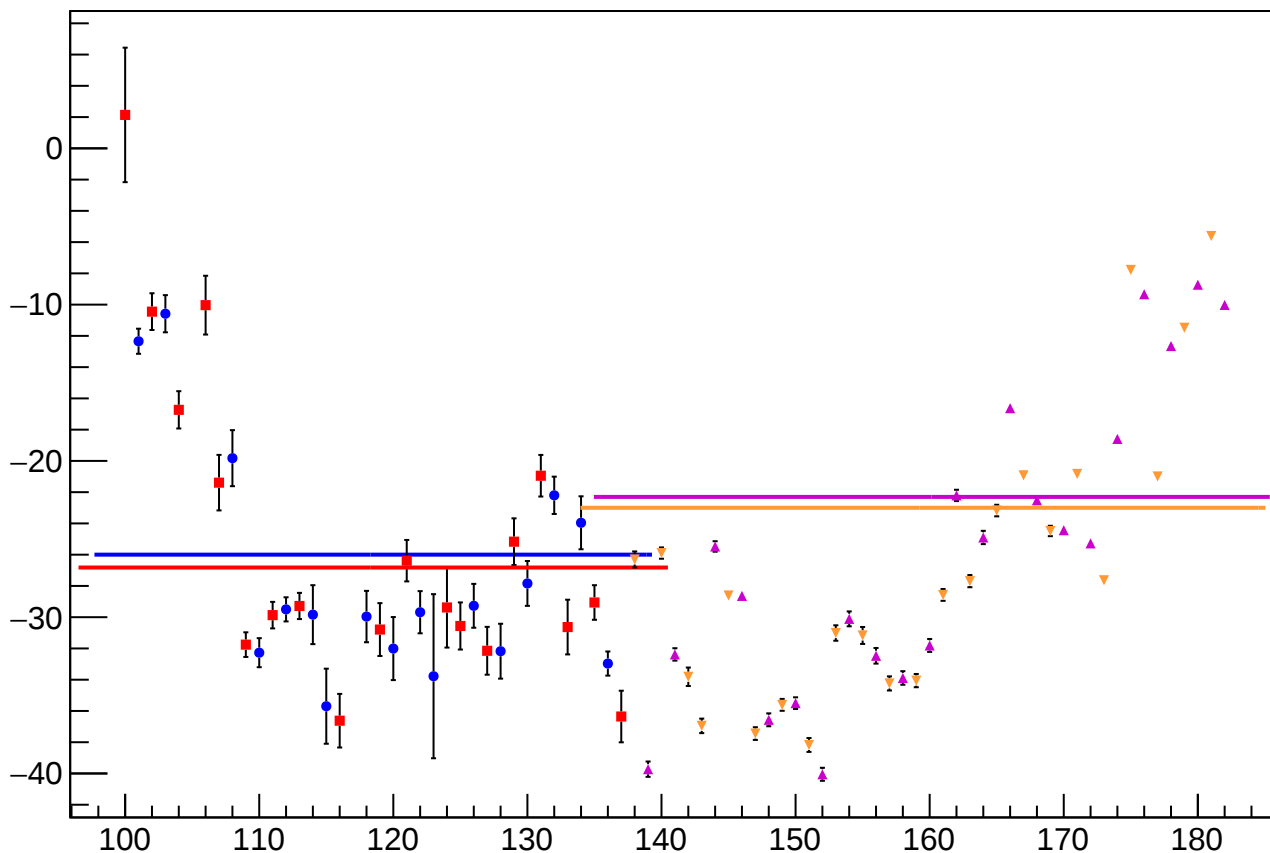
Right: 0.414 ± 0.122 $\chi^2/\text{NDF}: 568.9/35$

In: 3.333 ± 0.054 $\chi^2/\text{NDF}: 5946.5/38$

Out: 3.222 ± 0.054 $\chi^2/\text{NDF}: 7314.8/41$

All: 3.278 ± 0.038 $\chi^2/\text{NDF}: 13263.4/80$

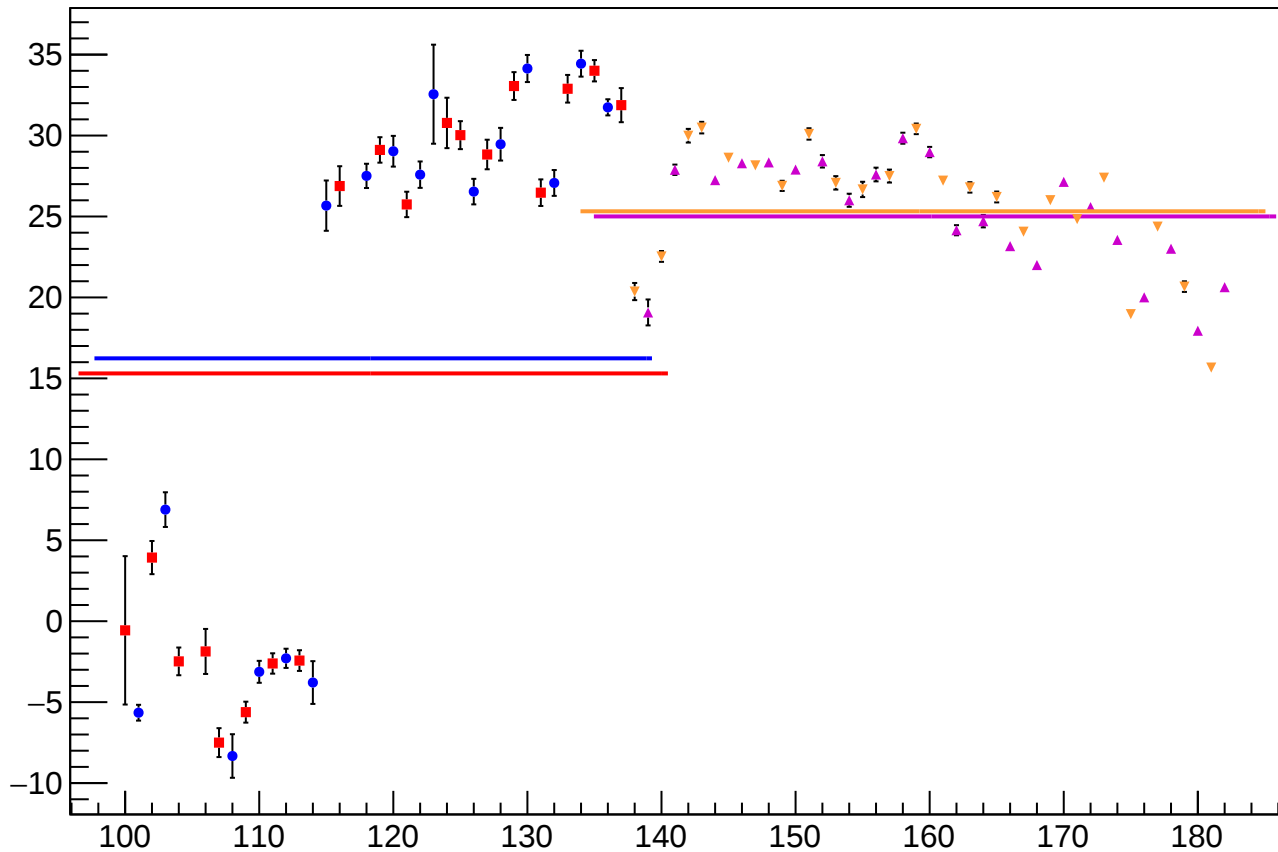
reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.998 ± 0.300 χ^2/NDF : 692.6/16
 Left Out: -22.998 ± 0.074 χ^2/NDF : 18400.4/22
 Right Out: -26.821 ± 0.298 χ^2/NDF : 580.9/18
 Left In: -22.303 ± 0.072 χ^2/NDF : 17818.9/21

Left: -22.643 ± 0.051 χ^2/NDF : 36265.0/44
 Right: -26.413 ± 0.211 χ^2/NDF : 1277.3/35
 In: -22.504 ± 0.070 χ^2/NDF : 18654.9/38
 Out: -23.218 ± 0.071 χ^2/NDF : 19136.9/41
 All: -22.854 ± 0.050 χ^2/NDF : 37842.8/80

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.237 $\pm$ 0.191 χ^2 /NDF: 7579.9/16

Left Out: 25.321 $\pm$ 0.065 χ^2 /NDF:3608.9/22

Right Out: 15.306 $\pm$ 0.197 χ^2 /NDF: 7271.7/18

Left In: 25.004 $\pm$ 0.064 χ^2 /NDF:2733.6/21

Left: 25.161 $\pm$ 0.045 χ^2 /NDF: 6354.7/44

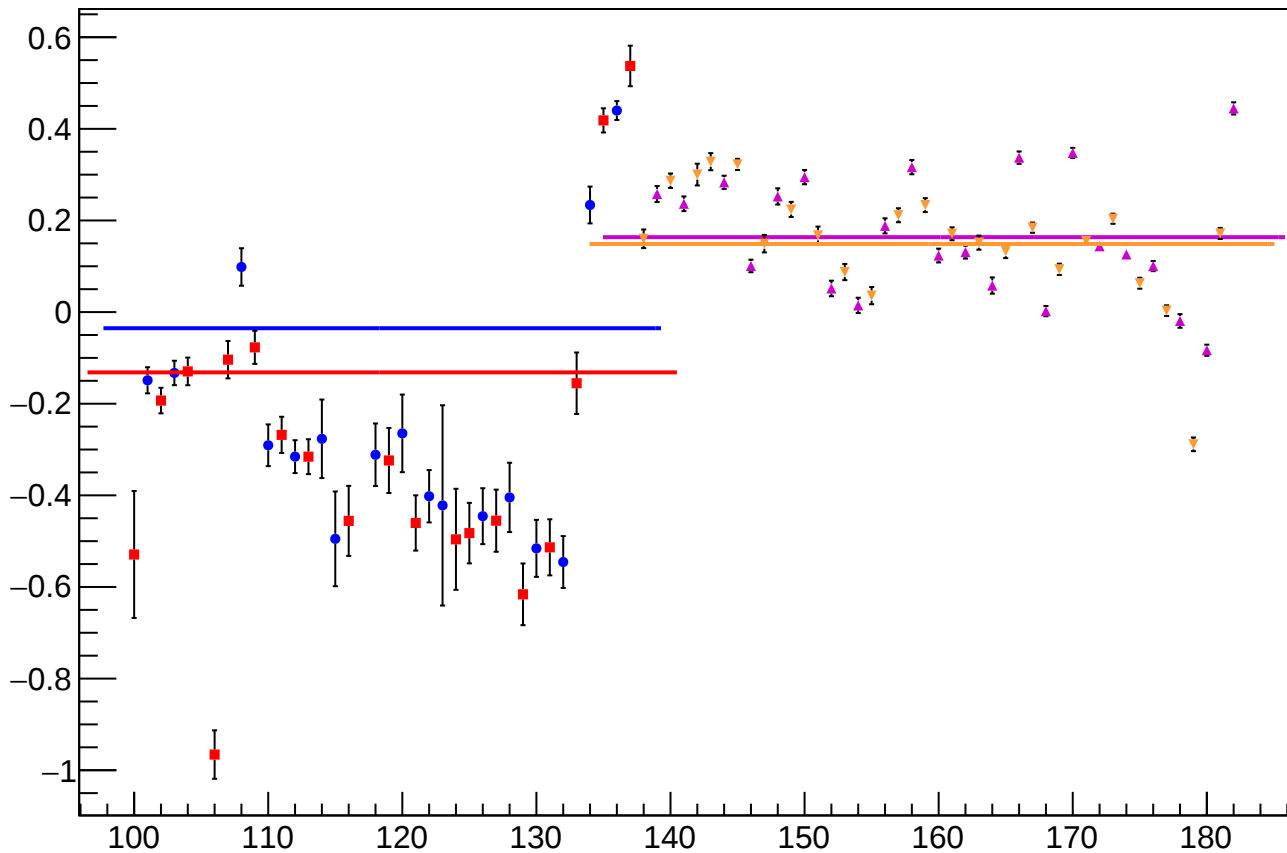
Right: 15.785 $\pm$ 0.137 χ^2 /NDF: 14863.2/35

In: 24.119 $\pm$ 0.061 χ^2 /NDF:12200.0/38

Out: 24.350 $\pm$ 0.061 χ^2 /NDF:13215.4/41

All: 24.234 $\pm$ 0.043 χ^2 /NDF: 25422.6/80

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.035 ± 0.010 χ^2/NDF : 1013.6/16

Left Out: 0.149 ± 0.003 χ^2/NDF : 1663.5/22

Right Out: -0.132 ± 0.010 χ^2/NDF : 1169.8/18

Left In: 0.164 ± 0.003 χ^2/NDF : 2208.2/21

Left: 0.156 ± 0.002 χ^2/NDF : 3884.3/44

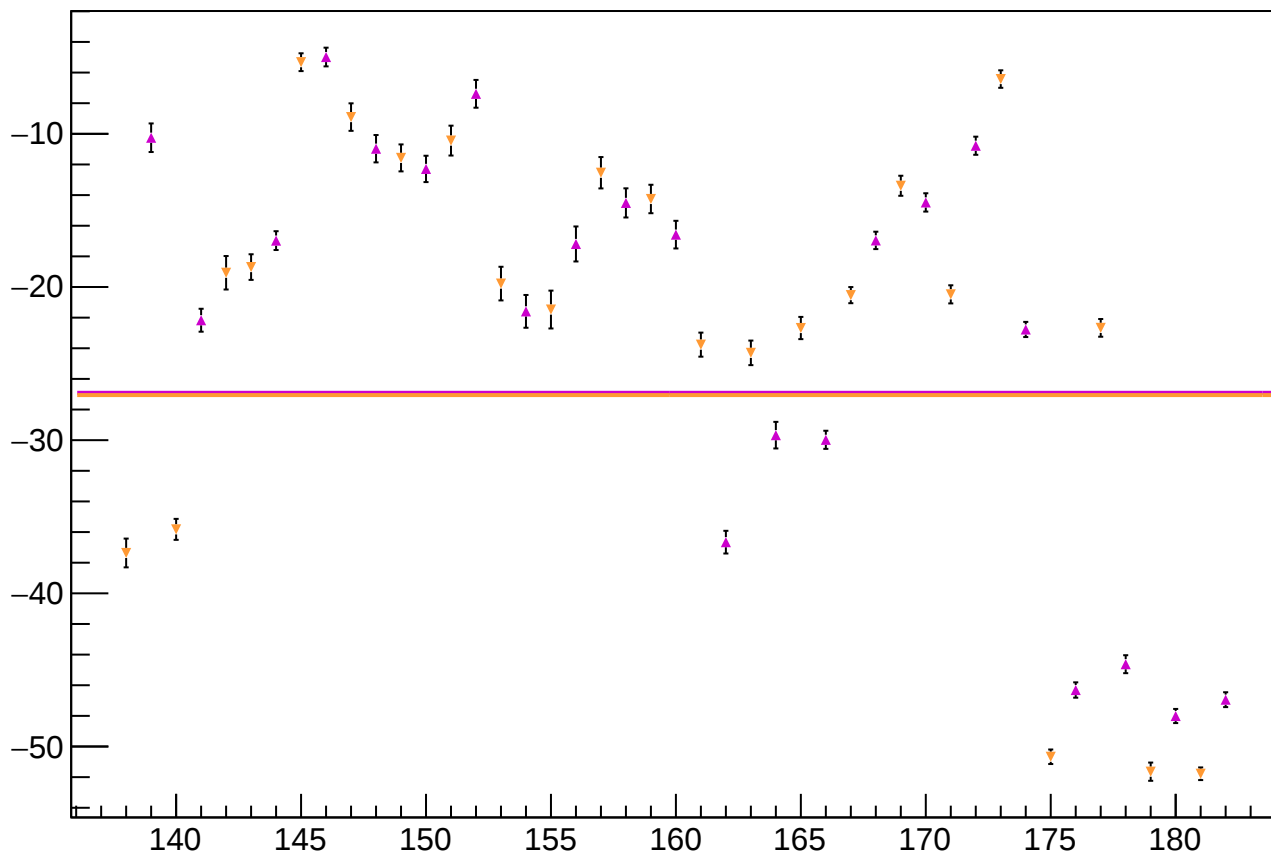
Right: -0.083 ± 0.007 χ^2/NDF : 2226.9/35

In: 0.149 ± 0.003 χ^2/NDF : 3564.8/38

Out: 0.127 ± 0.003 χ^2/NDF : 3509.3/41

All: 0.138 ± 0.002 χ^2/NDF : 7102.5/80

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Left: -26.980+/-0.100 χ^2/NDF : 24560.0/44

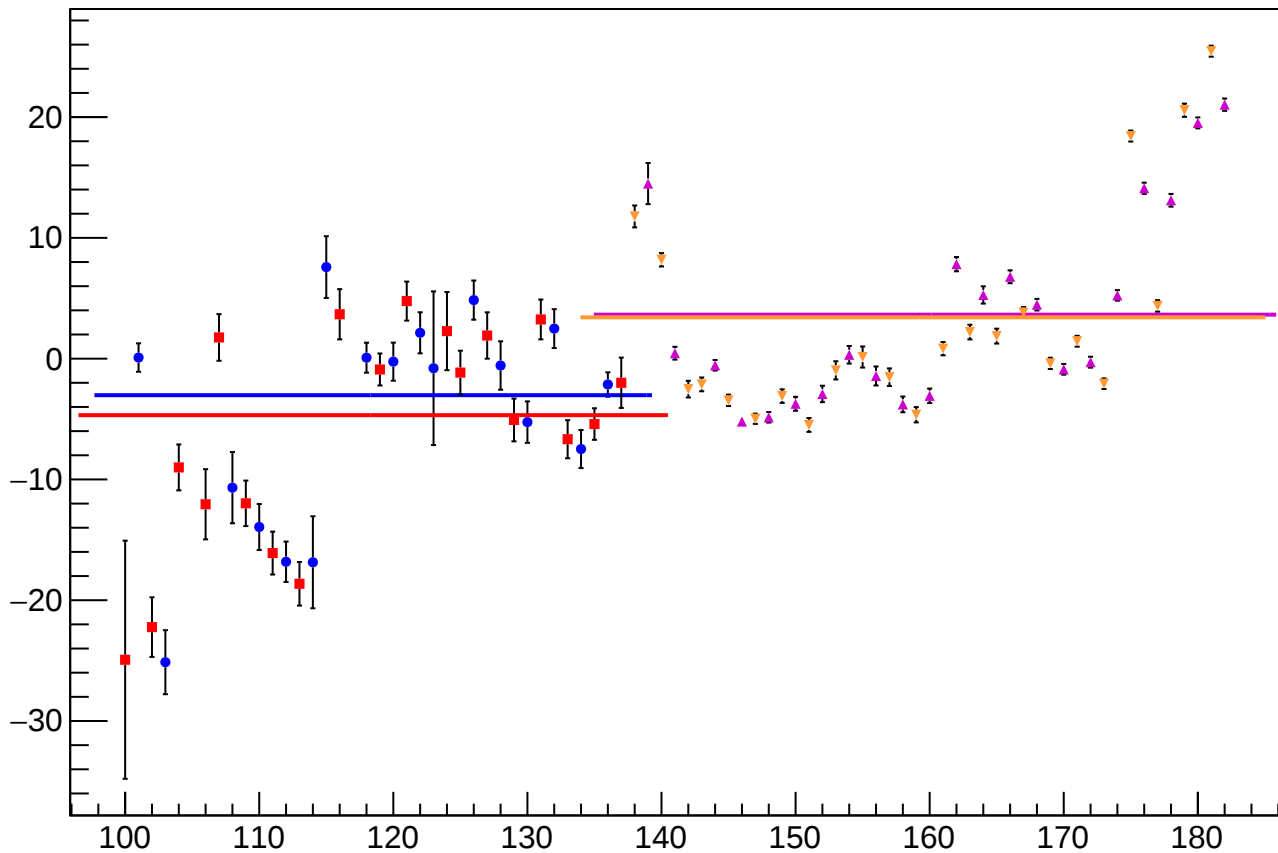
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.907+/-0.140 χ^2/NDF :11350.8/21

Out: -27.056+/-0.143 χ^2/NDF :13208.6/22

All: -26.980+/-0.100 χ^2/NDF : 24560.0/44

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 χ^2/NDF : 280.6/16

Left Out: 3.419 ± 0.113 χ^2/NDF : 6244.0/22

Right Out: -4.678 ± 0.426 χ^2/NDF : 299.1/18

Left In: 3.644 ± 0.112 χ^2/NDF : 5192.4/21

Left: 3.532 ± 0.079 χ^2/NDF : 11438.4/44

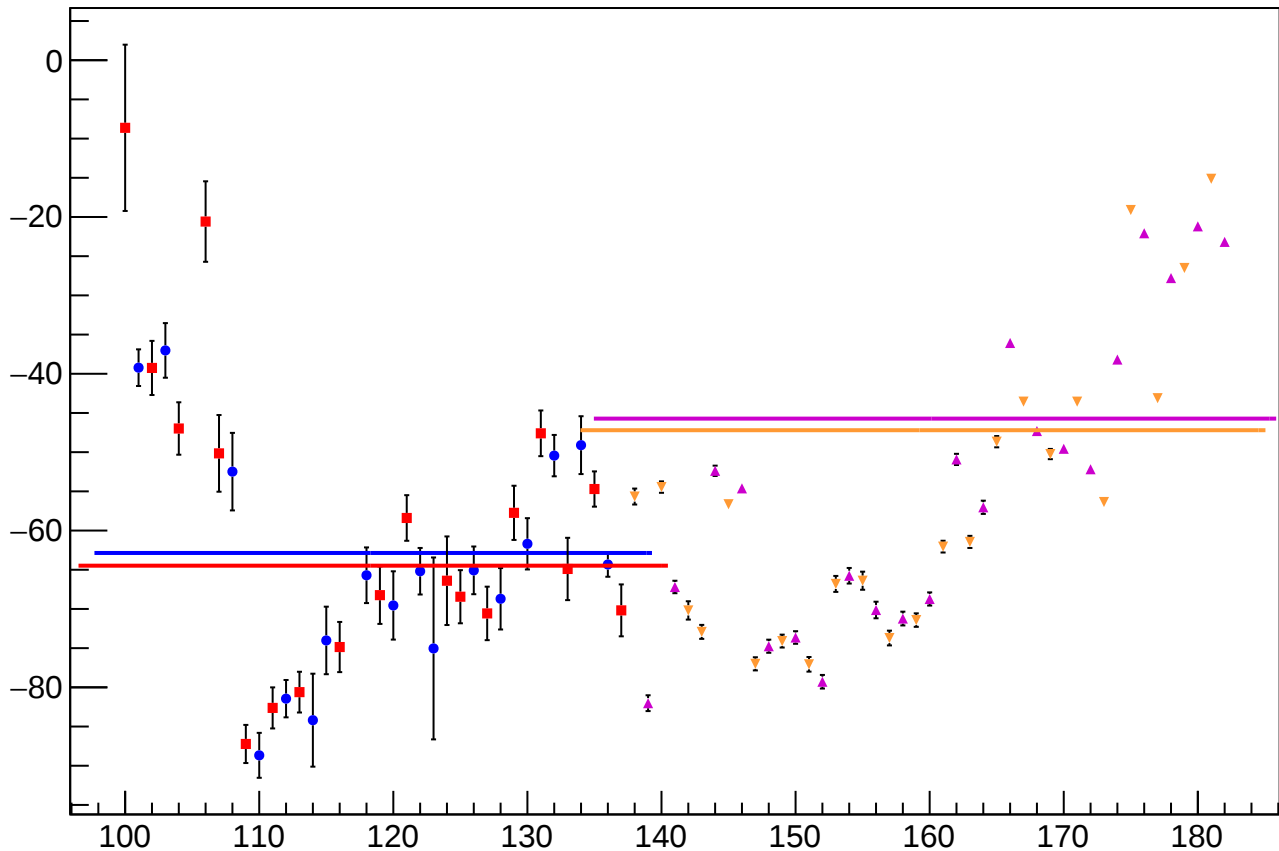
Right: -3.816 ± 0.295 χ^2/NDF : 587.6/35

In: 3.179 ± 0.108 χ^2/NDF : 5721.5/38

Out: 2.891 ± 0.109 χ^2/NDF : 6880.5/41

All: 3.037 ± 0.077 χ^2/NDF : 12605.6/80

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -47.200 ± 0.144 χ^2/NDF : 18653.8/22

Right Out: -64.480 ± 0.751 χ^2/NDF : 444.0/18

Left In: -45.720 ± 0.141 χ^2/NDF : 17718.9/21

Left: -46.443 ± 0.101 χ^2/NDF : 36426.7/44

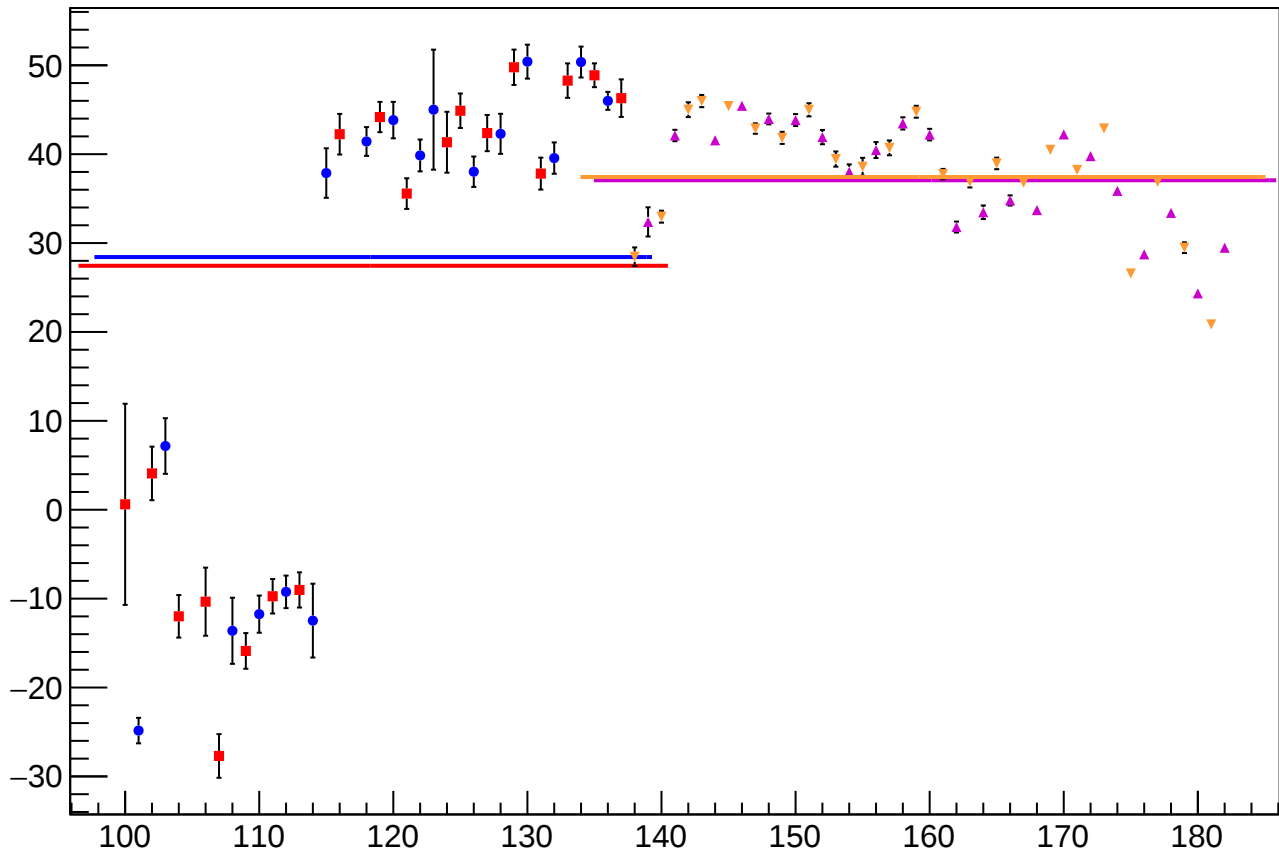
Right: -63.656 ± 0.527 χ^2/NDF : 814.1/35

In: -46.319 ± 0.138 χ^2/NDF : 18605.7/38

Out: -47.812 ± 0.141 χ^2/NDF : 19608.3/41

All: -47.049 ± 0.099 χ^2/NDF : 38271.1/80

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 $\pm$ 0.458 χ^2 /NDF: 3322.4/16

Left Out: 37.430 $\pm$ 0.127 χ^2 /NDF:2972.1/22

Right Out: 27.445 $\pm$ 0.478 χ^2 /NDF: 3033.4/18

Left In: 37.064 $\pm$ 0.126 χ^2 /NDF:2404.5/21

Left: 37.245 $\pm$ 0.089 χ^2 /NDF: 5380.7/44

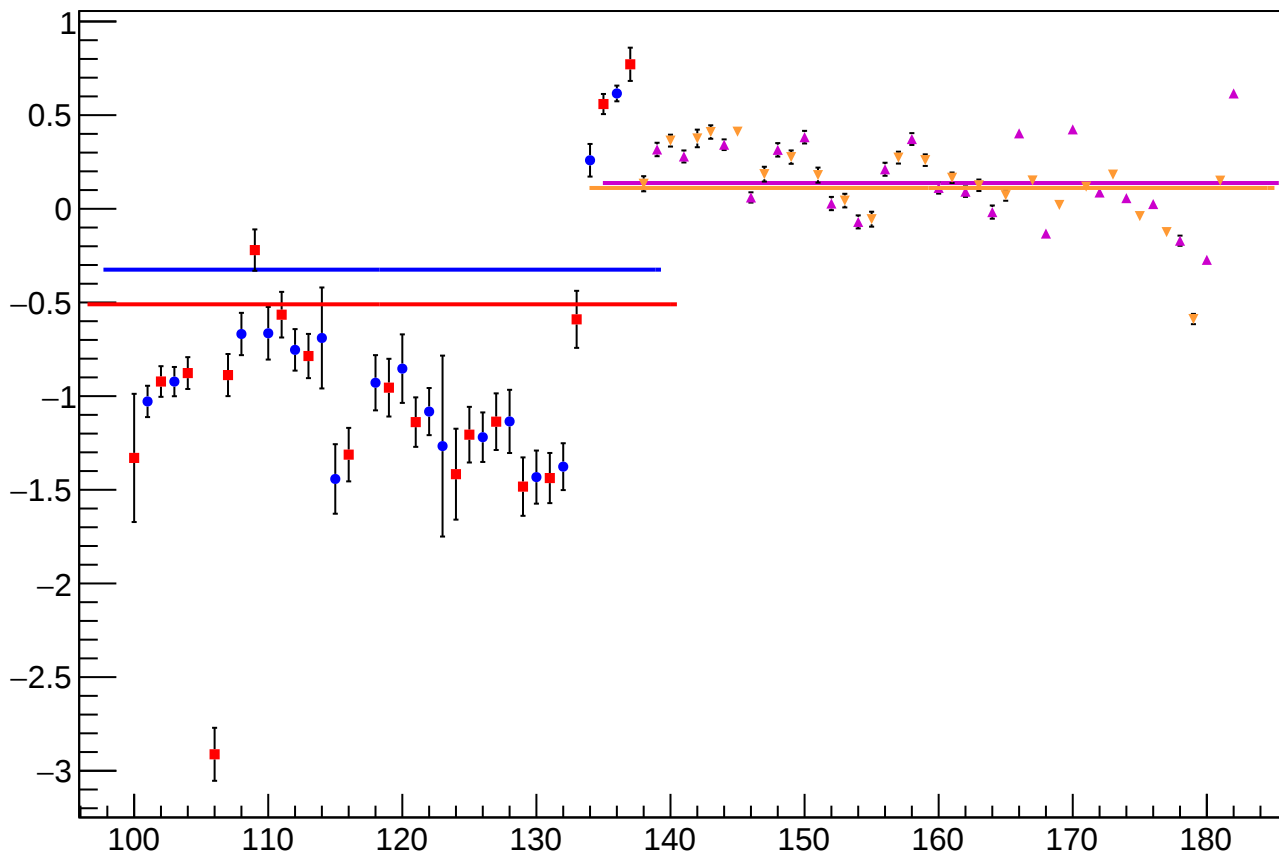
Right: 27.957 $\pm$ 0.331 χ^2 /NDF: 6358.0/35

In: 36.458 $\pm$ 0.121 χ^2 /NDF:6057.9/38

Out: 36.772 $\pm$ 0.123 χ^2 /NDF:6412.5/41

All: 36.613 $\pm$ 0.086 χ^2 /NDF: 12473.8/80

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.325 ± 0.025 χ^2/NDF : 1011.7/16

Left Out: 0.111 ± 0.006 χ^2/NDF : 1266.8/22

Right Out: -0.510 ± 0.026 χ^2/NDF : 1169.1/18

Left In: 0.138 ± 0.006 χ^2/NDF : 1616.4/21

Left: 0.125 ± 0.004 χ^2/NDF : 2893.5/44

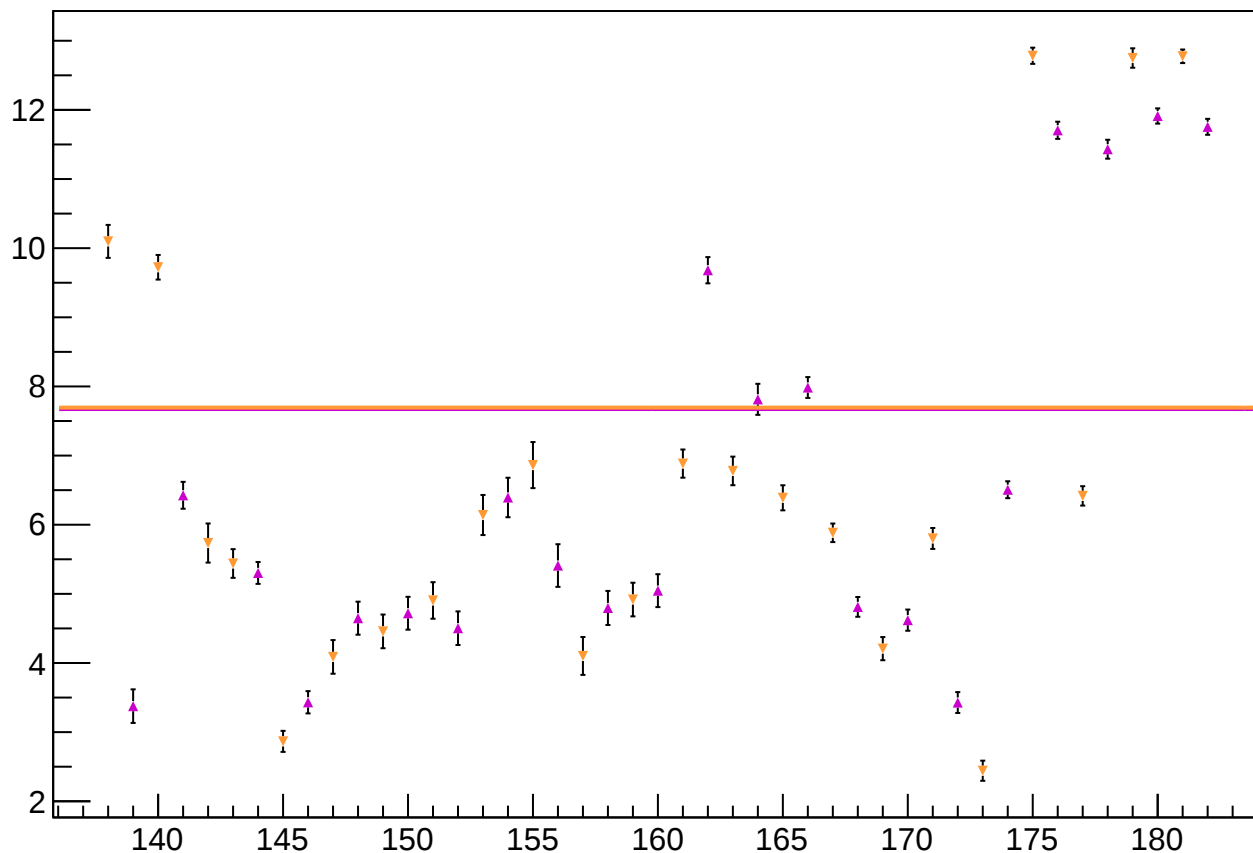
Right: -0.415 ± 0.018 χ^2/NDF : 2207.5/35

In: 0.114 ± 0.006 χ^2/NDF : 2955.2/38

Out: 0.081 ± 0.006 χ^2/NDF : 2991.2/41

All: 0.098 ± 0.004 χ^2/NDF : 5964.1/80

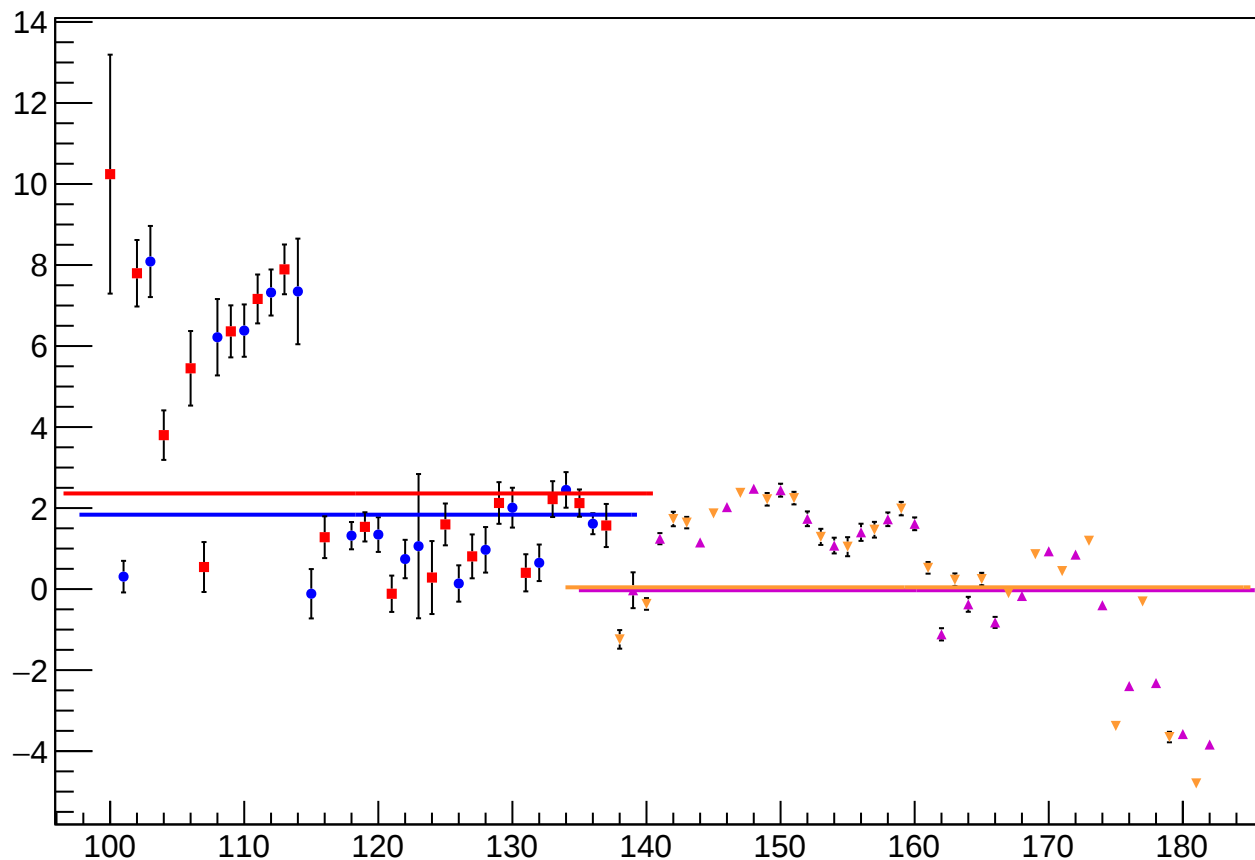
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 7.673+/-0.035 χ^2/NDF :8425.1/21

Left: 7.683+/-0.025 χ^2/NDF : 18787.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 7.673+/-0.035 χ^2/NDF :8425.1/21
 Out: 7.694+/-0.036 χ^2/NDF :10362.1/22
 All: 7.683+/-0.025 χ^2/NDF : 18787.4/44

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.837 ± 0.116 χ^2/NDF : 294.1/16

Left Out: 0.043 ± 0.029 χ^2/NDF : 5467.2/22

Right Out: 2.361 ± 0.122 χ^2/NDF : 336.9/18

Left In: -0.028 ± 0.028 χ^2/NDF : 4804.3/21

Left: 0.007 ± 0.020 χ^2/NDF : 10274.7/44

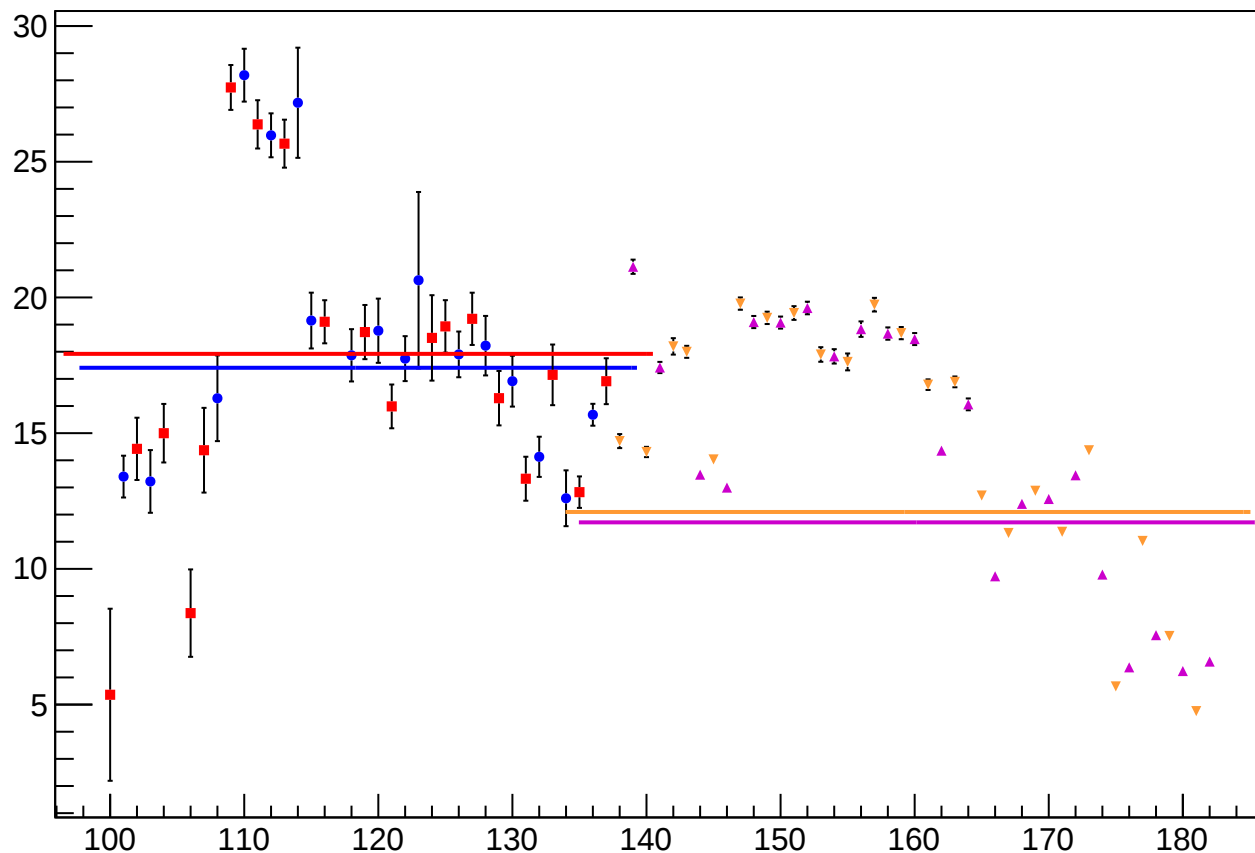
Right: 2.085 ± 0.084 χ^2/NDF : 640.7/35

In: 0.077 ± 0.028 χ^2/NDF : 5341.5/38

Out: 0.164 ± 0.028 χ^2/NDF : 6143.7/41

All: 0.120 ± 0.020 χ^2/NDF : 11490.1/80

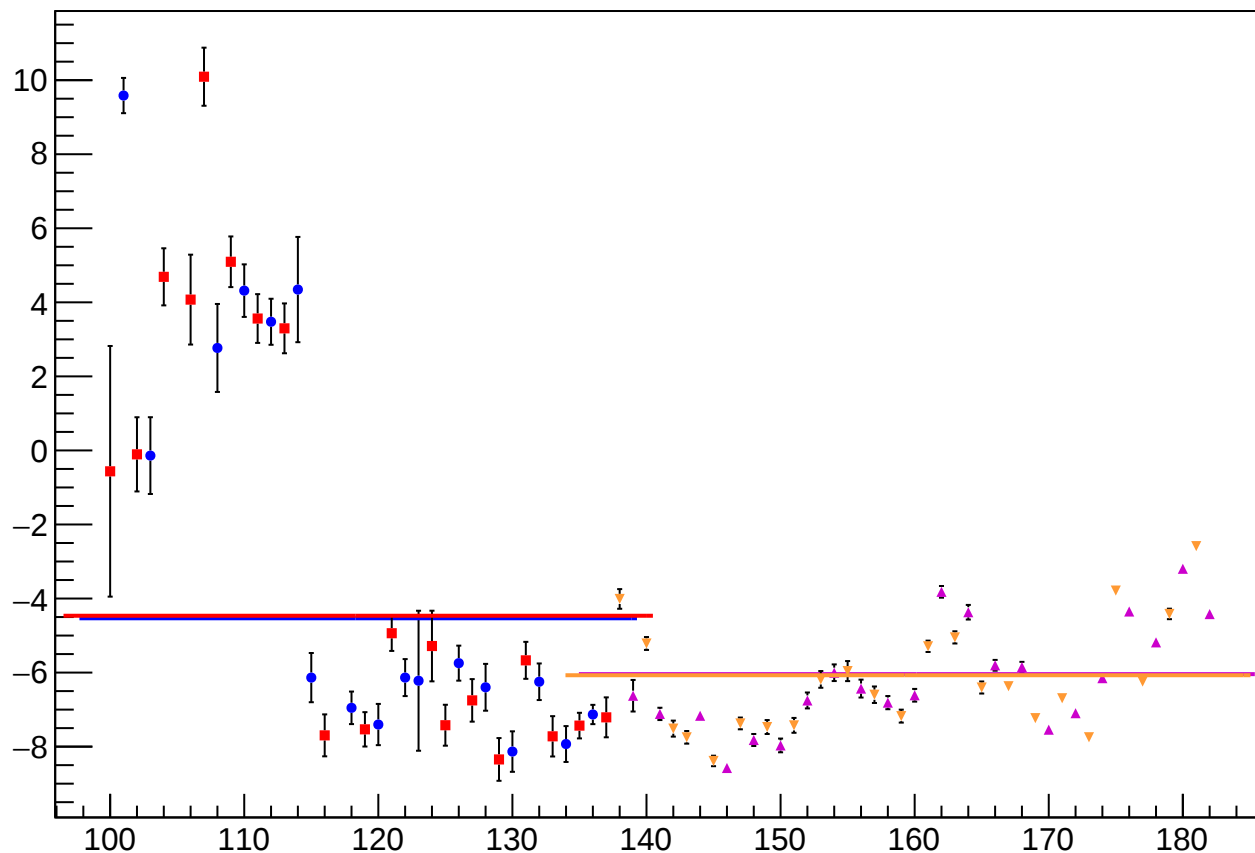
reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 ± 0.212 $\chi^2/\text{NDF}: 365.1/16$
 Left Out: 12.096 ± 0.036 $\chi^2/\text{NDF}: 17813.2/22$
 Right Out: 17.922 ± 0.219 $\chi^2/\text{NDF}: 506.5/18$
 Left In: 11.714 ± 0.035 $\chi^2/\text{NDF}: 16896.9/21$

Left: 11.900 ± 0.025 $\chi^2/\text{NDF}: 34766.8/44$
 Right: 17.657 ± 0.152 $\chi^2/\text{NDF}: 874.4/35$
 In: 11.869 ± 0.035 $\chi^2/\text{NDF}: 17964.4/38$
 Out: 12.253 ± 0.036 $\chi^2/\text{NDF}: 19009.7/41$
 All: 12.056 ± 0.025 $\chi^2/\text{NDF}: 37032.9/80$

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -6.072 ± 0.032 χ^2/NDF : 2494.6/22

Right Out: -4.465 ± 0.137 χ^2/NDF : 1340.6/18

Left In: -6.042 ± 0.032 χ^2/NDF : 2300.4/21

Left: -6.057 ± 0.023 χ^2/NDF : 4795.4/44

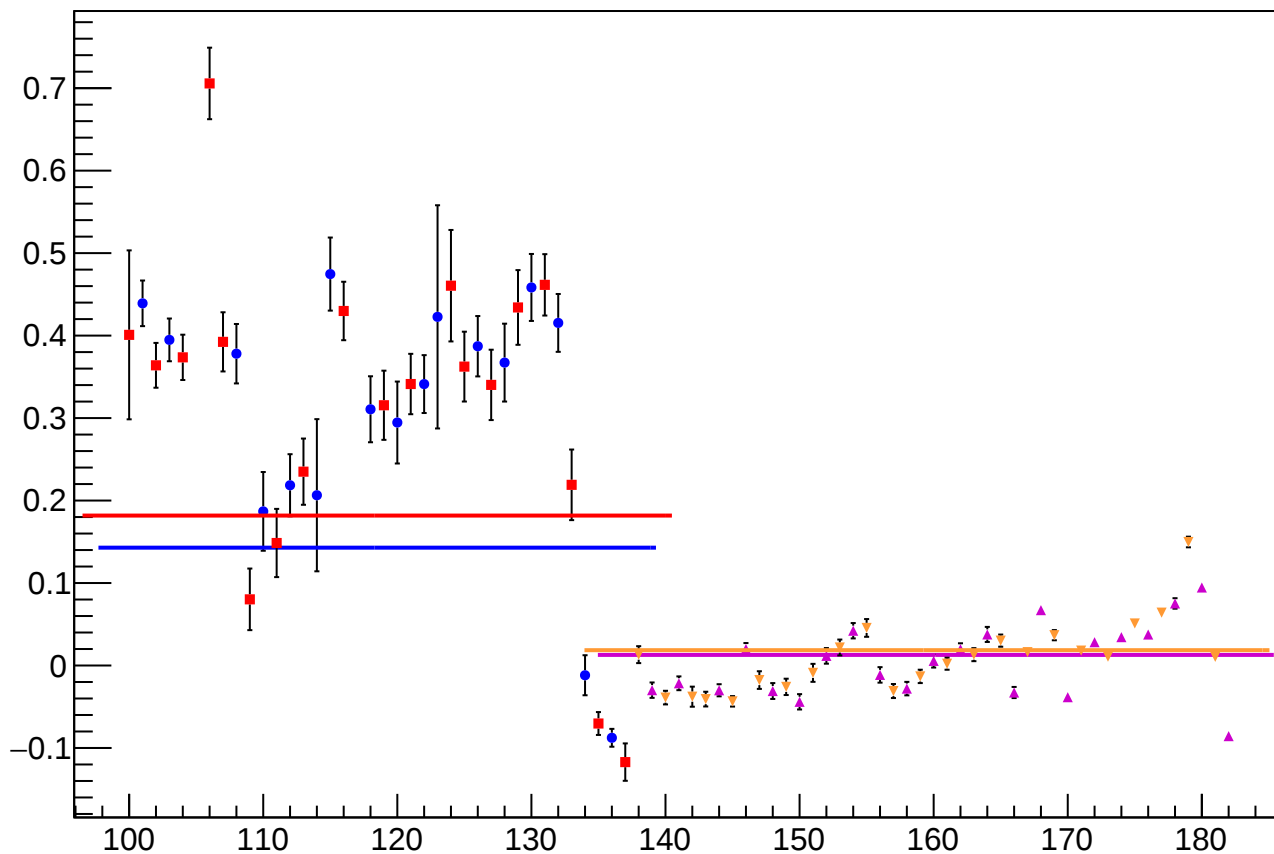
Right: -4.501 ± 0.094 χ^2/NDF : 2929.2/35

In: -5.956 ± 0.031 χ^2/NDF : 4016.4/38

Out: -5.987 ± 0.031 χ^2/NDF : 3966.0/41

All: -5.971 ± 0.022 χ^2/NDF : 7982.9/80

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: 0.019 $\pm$ 0.001 χ^2 /NDF:845.3/22

Right Out: 0.182 $\pm$ 0.007 χ^2 /NDF: 1008.3/18

Left In: 0.013 $\pm$ 0.001 χ^2 /NDF:1064.3/21

Left: 0.016 $\pm$ 0.001 χ^2 /NDF: 1917.2/44

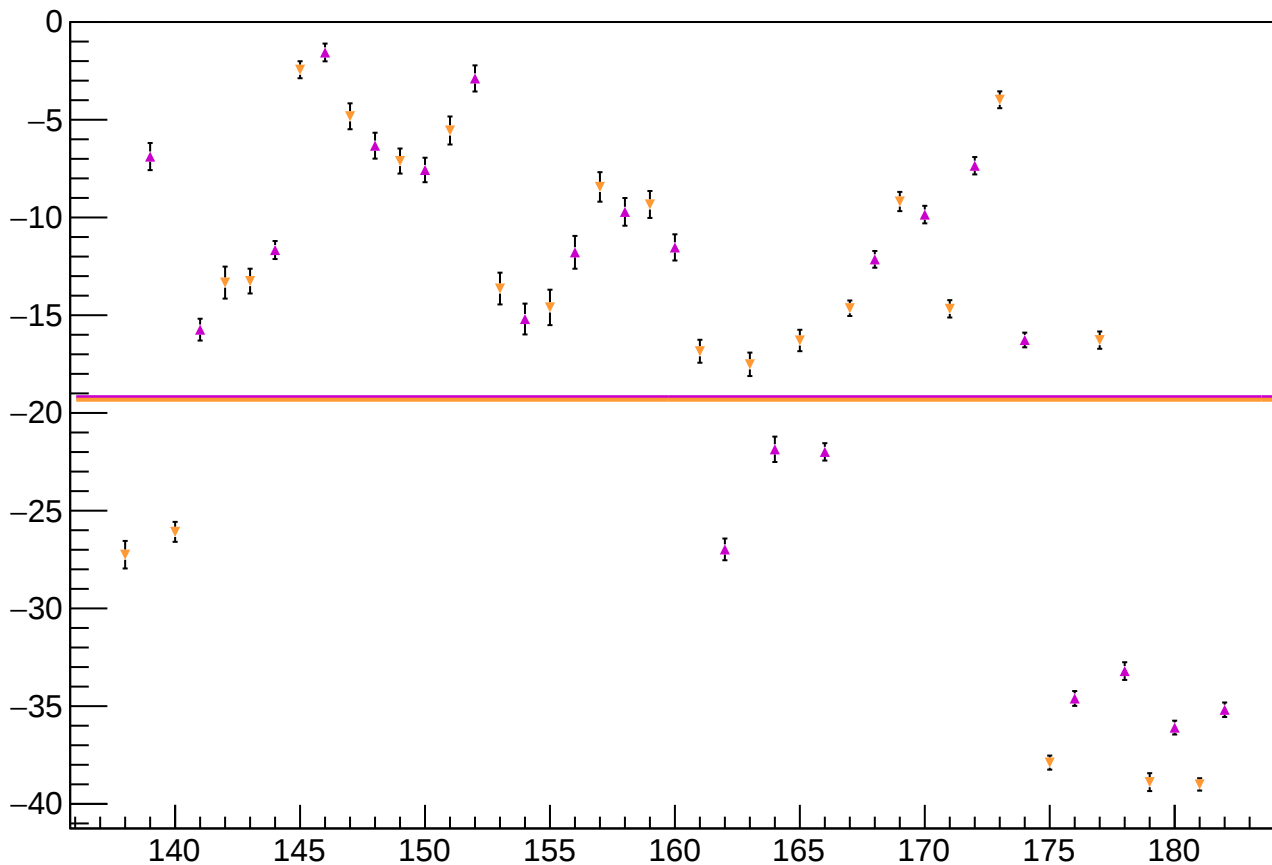
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2081.6/35

In: 0.018 $\pm$ 0.001 χ^2 /NDF:2449.0/38

Out: 0.025 $\pm$ 0.001 χ^2 /NDF:2323.1/41

All: 0.022 $\pm$ 0.001 χ^2 /NDF: 4783.0/80

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -19.324+/-0.108 χ^2/NDF :14049.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Left: -19.258+/-0.076 χ^2/NDF : 26364.2/44

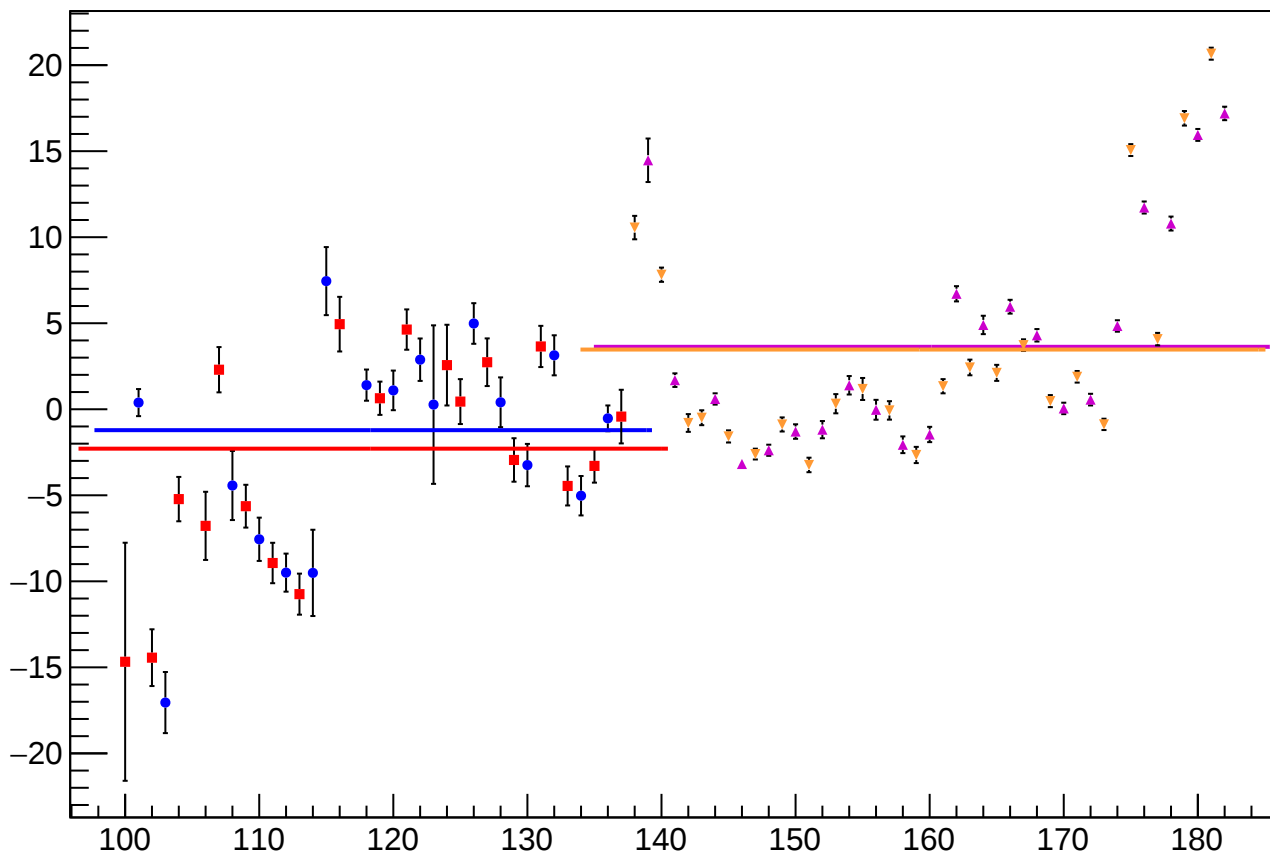
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.194+/-0.106 χ^2/NDF :12314.5/21

Out: -19.324+/-0.108 χ^2/NDF :14049.0/22

All: -19.258+/-0.076 χ^2/NDF : 26364.2/44

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.215 ± 0.290 $\chi^2/\text{NDF}: 278.7/16$

Left Out: 3.470 ± 0.084 $\chi^2/\text{NDF}: 6435.1/22$

Right Out: -2.290 ± 0.302 $\chi^2/\text{NDF}: 287.1/18$

Left In: 3.630 ± 0.084 $\chi^2/\text{NDF}: 5271.2/21$

Left: 3.550 ± 0.060 $\chi^2/\text{NDF}: 11708.0/44$

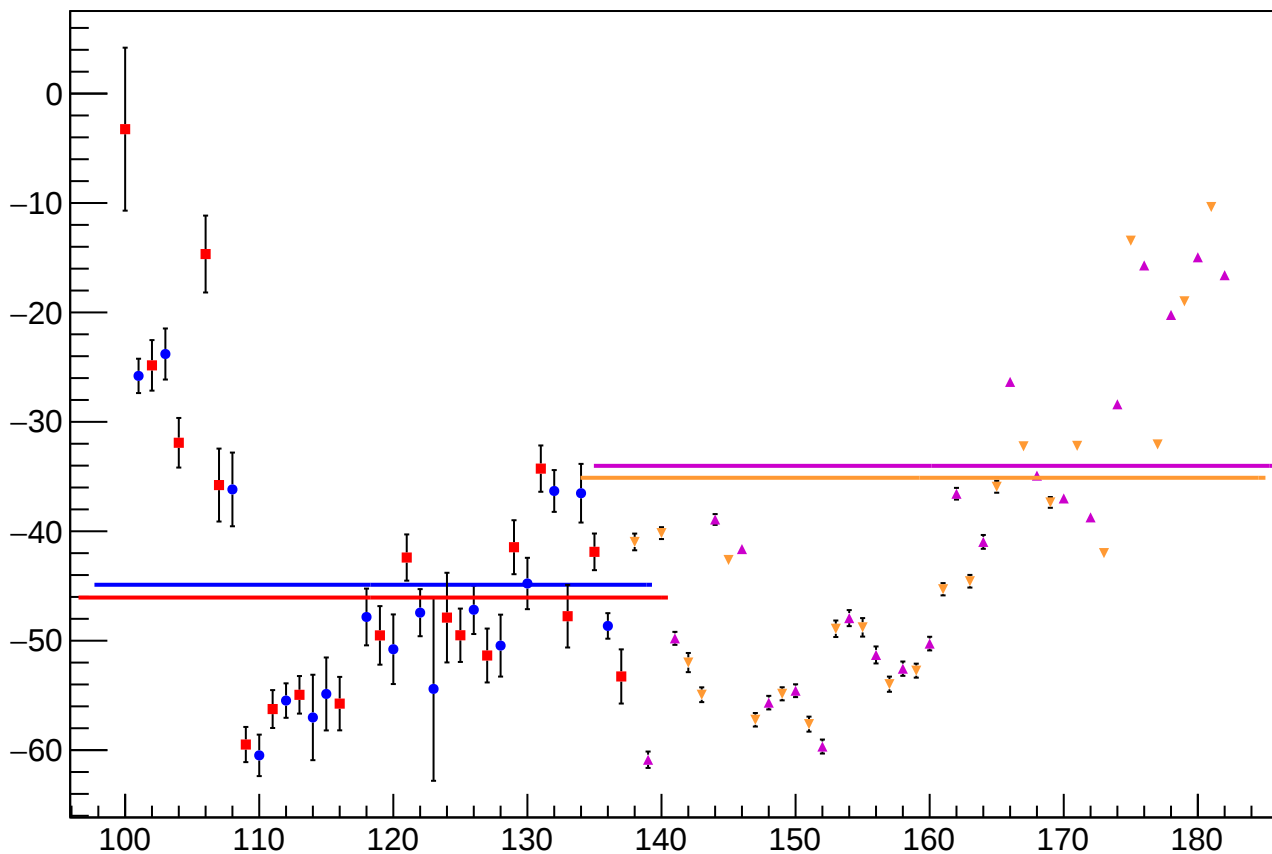
Right: -1.731 ± 0.209 $\chi^2/\text{NDF}: 572.4/35$

In: 3.256 ± 0.081 $\chi^2/\text{NDF}: 5806.8/38$

Out: 3.053 ± 0.081 $\chi^2/\text{NDF}: 7059.3/41$

All: 3.155 ± 0.057 $\chi^2/\text{NDF}: 12869.2/80$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -44.888 ± 0.523 χ^2/NDF : 420.4/16

Left Out: -35.111 ± 0.108 χ^2/NDF : 18687.4/22

Right Out: -46.056 ± 0.528 χ^2/NDF : 453.7/18

Left In: -34.020 ± 0.106 χ^2/NDF : 17832.3/21

Left: -34.553 ± 0.076 χ^2/NDF : 36571.6/44

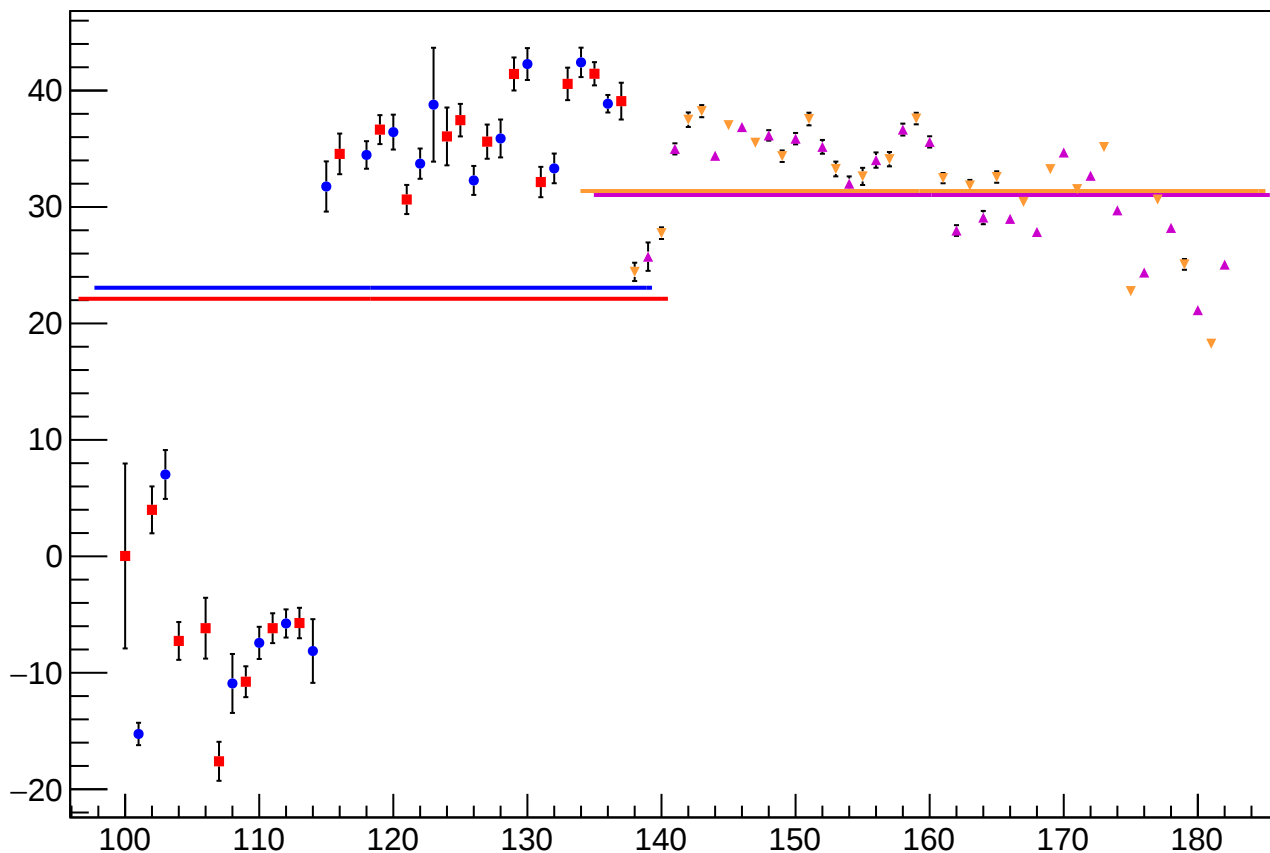
Right: -45.467 ± 0.372 χ^2/NDF : 876.6/35

In: -34.448 ± 0.104 χ^2/NDF : 18667.0/38

Out: -35.553 ± 0.106 χ^2/NDF : 19553.2/41

All: -34.988 ± 0.074 χ^2/NDF : 38275.6/80

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 31.372 $\pm$ 0.095 χ^2 /NDF:3168.6/22

Right Out: 22.118 $\pm$ 0.340 χ^2 /NDF: 4033.3/18

Left In: 31.031 $\pm$ 0.095 χ^2 /NDF:2488.1/21

Left: 31.200 $\pm$ 0.067 χ^2 /NDF: 5663.2/44

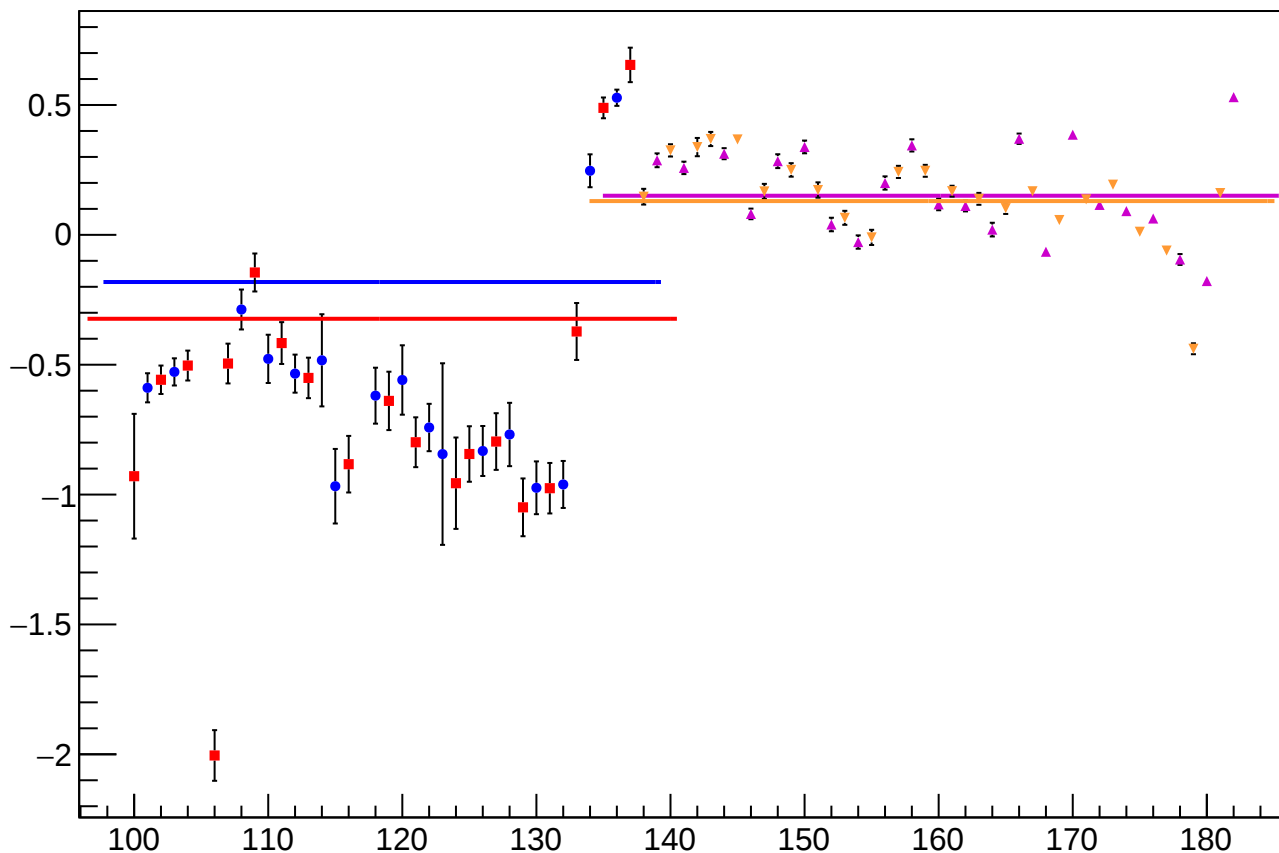
Right: 22.611 $\pm$ 0.235 χ^2 /NDF: 8370.8/35

In: 30.415 $\pm$ 0.091 χ^2 /NDF:7370.6/38

Out: 30.695 $\pm$ 0.092 χ^2 /NDF:7889.7/41

All: 30.553 $\pm$ 0.065 χ^2 /NDF: 15264.9/80

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.182 ± 0.018 χ^2/NDF : 996.9/16

Left Out: 0.130 ± 0.004 χ^2/NDF : 1405.2/22

Right Out: -0.323 ± 0.018 χ^2/NDF : 1183.9/18

Left In: 0.151 ± 0.004 χ^2/NDF : 1813.4/21

Left: 0.140 ± 0.003 χ^2/NDF : 3229.8/44

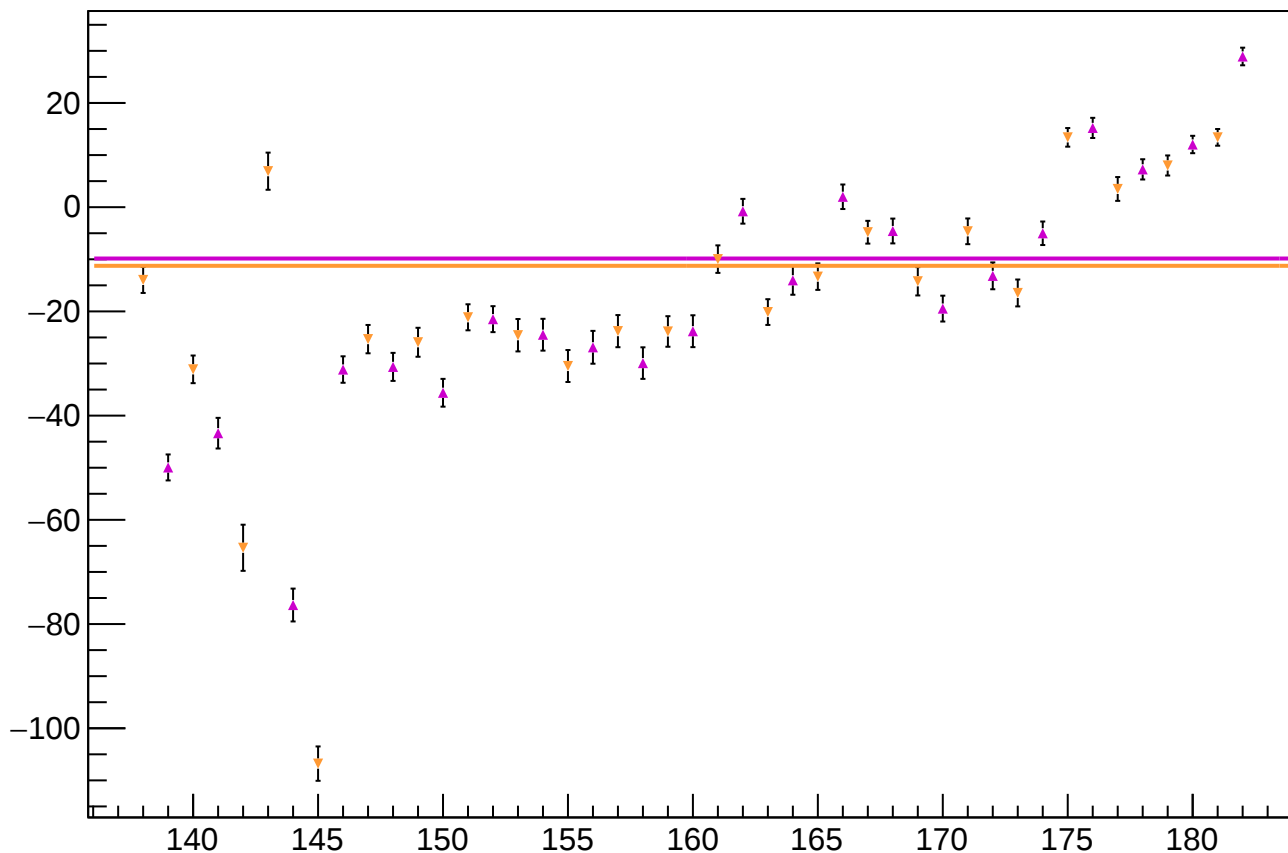
Right: -0.251 ± 0.013 χ^2/NDF : 2211.9/35

In: 0.132 ± 0.004 χ^2/NDF : 3141.2/38

Out: 0.105 ± 0.004 χ^2/NDF : 3177.1/41

All: 0.119 ± 0.003 χ^2/NDF : 6338.7/80

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -11.249+/-0.522 χ^2/NDF :1838.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.851+/-0.512 χ^2/NDF :2207.0/21

Left: -10.536+/-0.366 χ^2/NDF : 4049.2/44

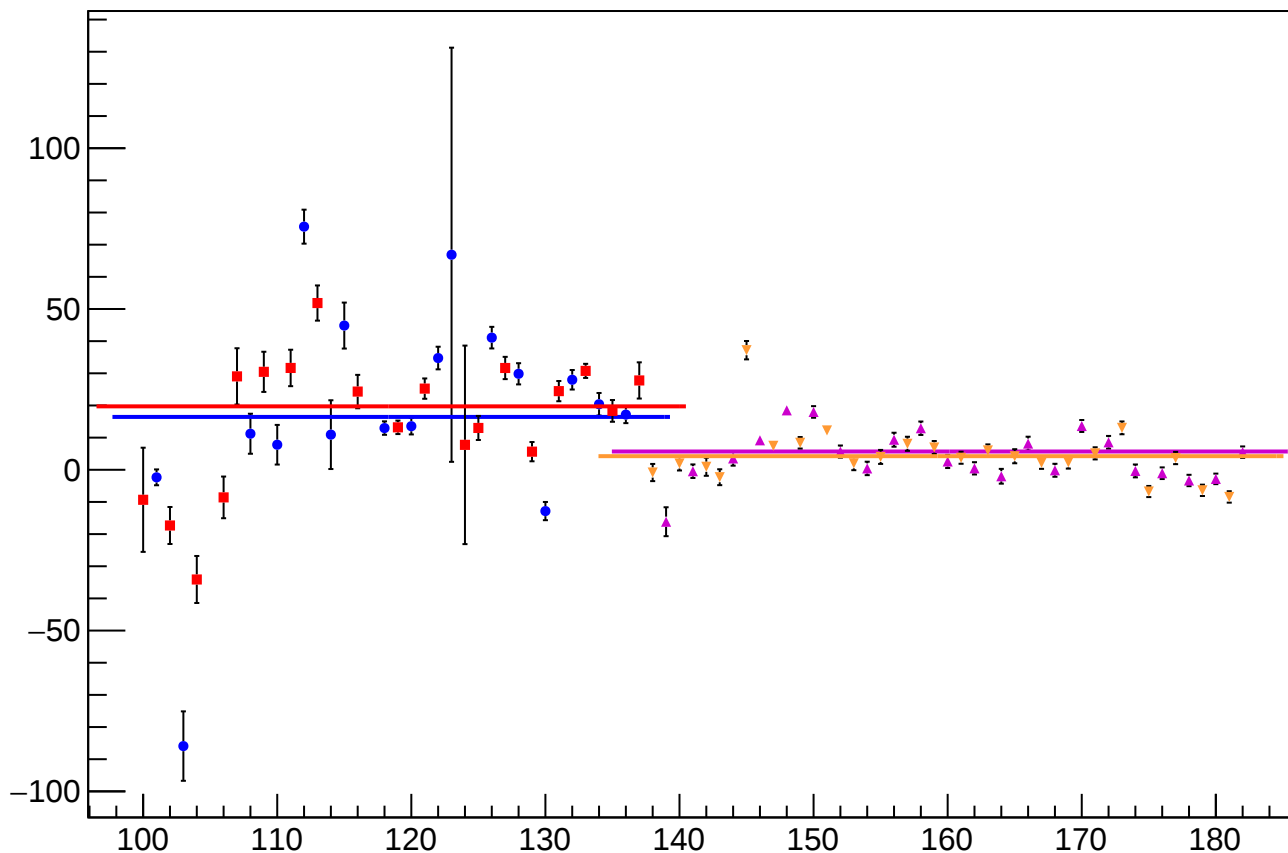
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.851+/-0.512 χ^2/NDF :2207.0/21

Out: -11.249+/-0.522 χ^2/NDF :1838.6/22

All: -10.536+/-0.366 χ^2/NDF : 4049.2/44

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439+/-0.849 χ^2/NDF : 516.9/16

Left Out: 4.233+/-0.403 χ^2/NDF : 346.1/22

Right Out: 19.724+/-0.898 χ^2/NDF : 241.7/18

Left In: 5.687+/-0.407 χ^2/NDF : 329.1/21

Left: 4.953+/-0.286 χ^2/NDF : 681.6/44

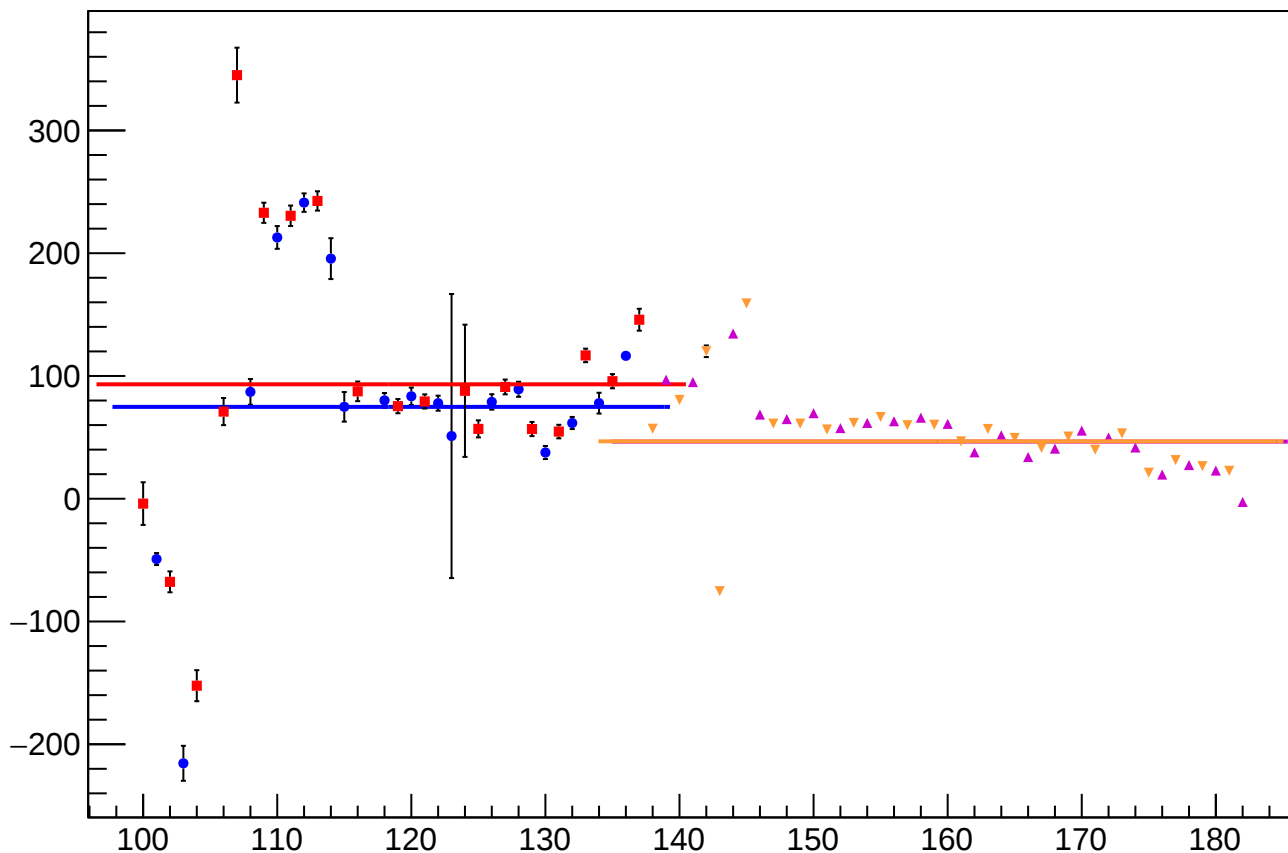
Right: 17.989+/-0.617 χ^2/NDF : 765.7/35

In: 7.696+/-0.367 χ^2/NDF : 976.6/38

Out: 6.830+/-0.368 χ^2/NDF : 835.6/41

All: 7.264+/-0.260 χ^2/NDF : 1815.0/80

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824+/-1.639 χ^2/NDF : 1996.8/16

Left Out: 46.755+/-0.519 χ^2/NDF : 3314.5/22

Right Out: 93.202+/-1.712 χ^2/NDF : 2000.7/18

Left In: 46.551+/-0.509 χ^2/NDF : 3000.4/21

Left: 46.651+/-0.363 χ^2/NDF : 6314.9/44

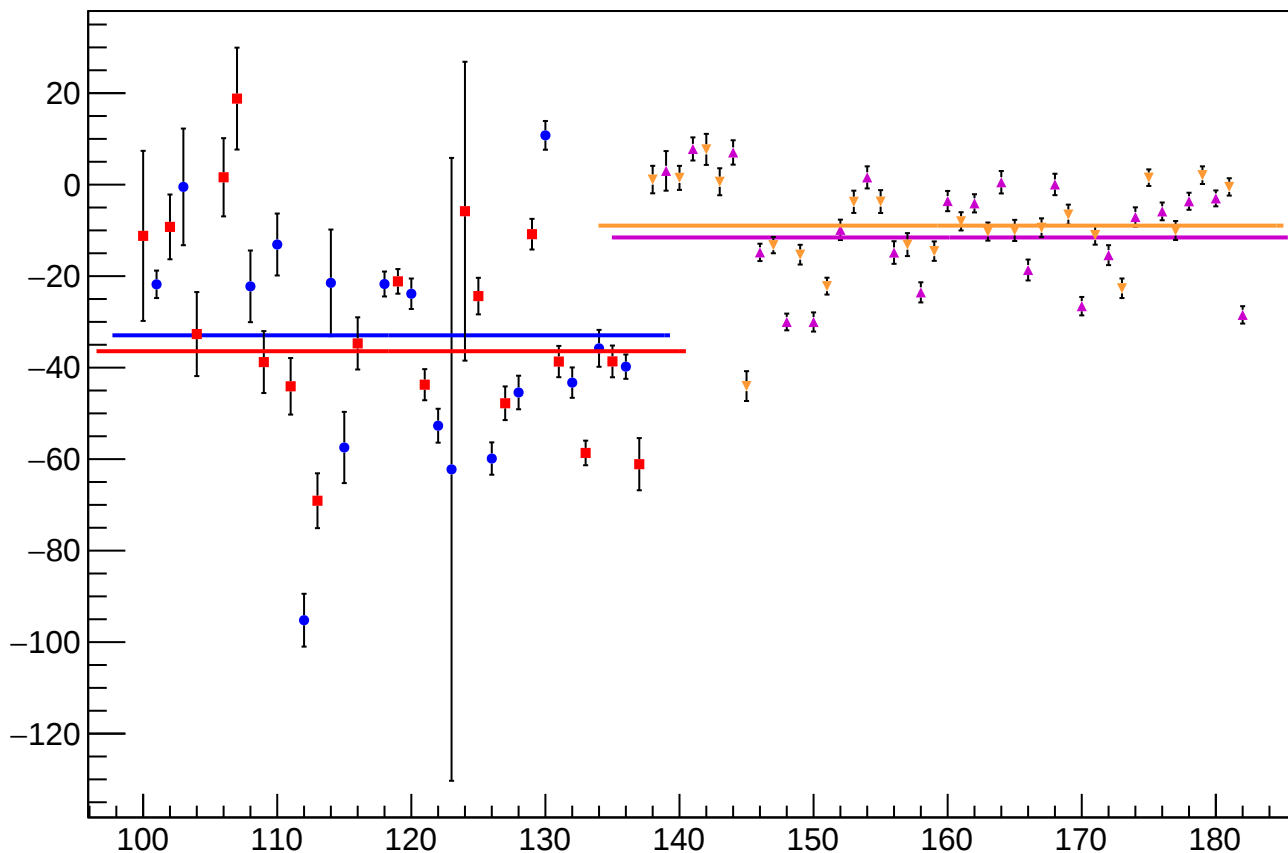
Right: 83.612+/-1.184 χ^2/NDF : 4057.7/35

In: 49.038+/-0.486 χ^2/NDF : 5268.7/38

Out: 50.668+/-0.497 χ^2/NDF : 5989.5/41

All: 49.835+/-0.347 χ^2/NDF : 11263.7/80

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -8.958 ± 0.458 χ^2/NDF : 392.2/22

Right Out: -36.411 ± 1.025 χ^2/NDF : 295.1/18

Left In: -11.545 ± 0.459 χ^2/NDF : 642.3/21

Left: -10.249 ± 0.324 χ^2/NDF : 1050.4/44

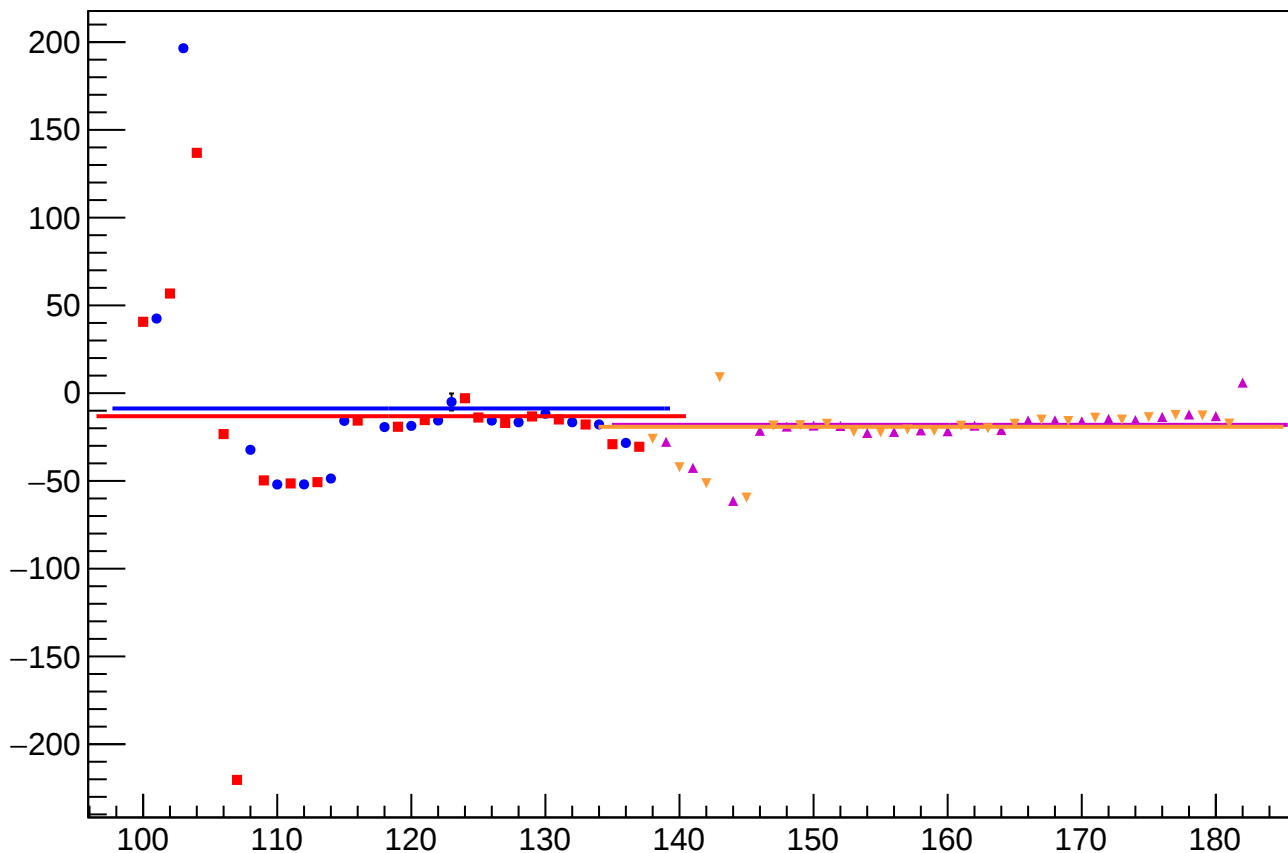
Right: -34.583 ± 0.706 χ^2/NDF : 791.9/35

In: -15.441 ± 0.415 χ^2/NDF : 1528.0/38

Out: -13.533 ± 0.418 χ^2/NDF : 1285.0/41

All: -14.494 ± 0.295 χ^2/NDF : 2823.5/80

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: -19.172 ± 0.021 $\chi^2/\text{NDF}: 218924.4/22$

Right Out: -13.136 ± 0.062 $\chi^2/\text{NDF}: 558621.9/18$

Left In: -18.047 ± 0.021 $\chi^2/\text{NDF}: 235833.7/21$

Left: -18.600 ± 0.015 $\chi^2/\text{NDF}: 456195.5/44$

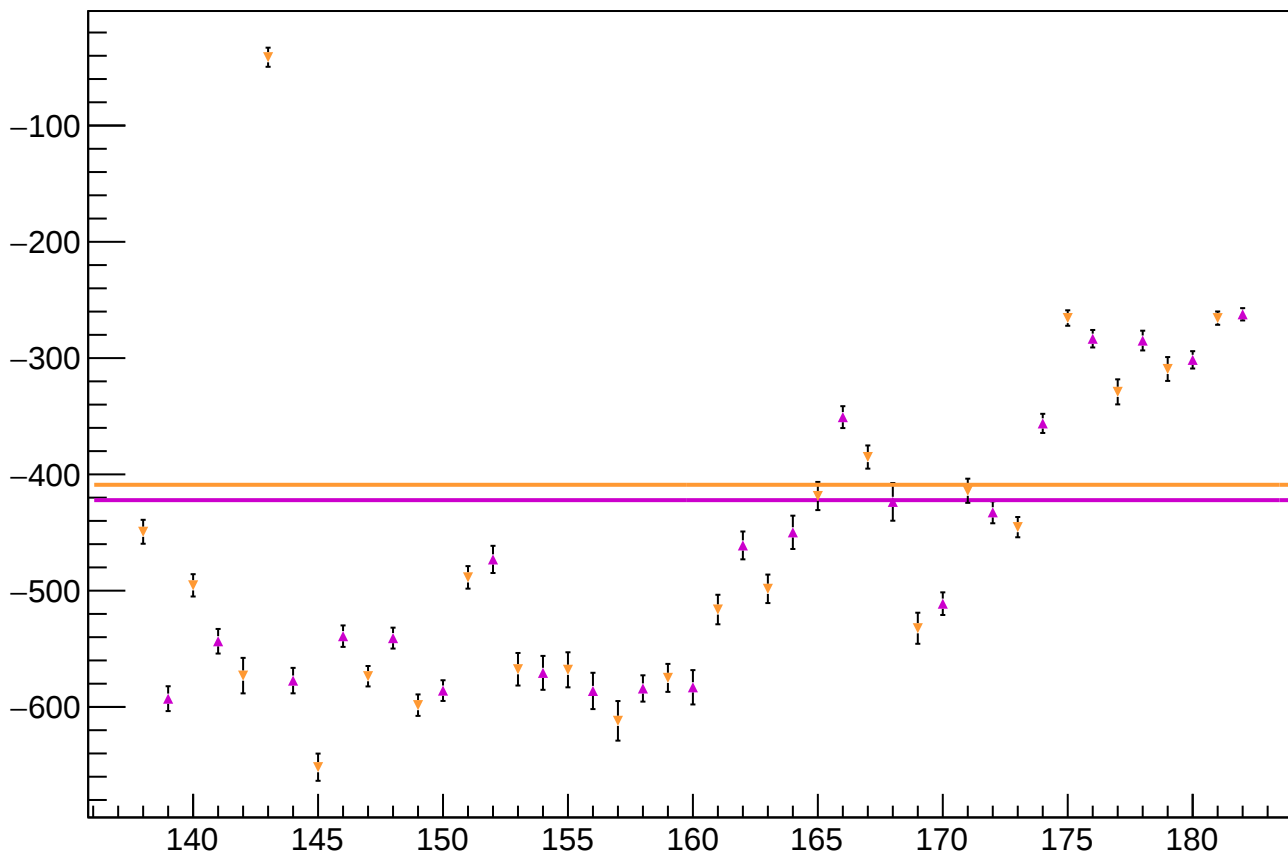
Right: -10.824 ± 0.043 $\chi^2/\text{NDF}: 1137135.6/35$

In: -17.011 ± 0.020 $\chi^2/\text{NDF}: 833969.8/38$

Out: -18.538 ± 0.020 $\chi^2/\text{NDF}: 786100.8/41$

All: -17.759 ± 0.014 $\chi^2/\text{NDF}: 1623037.5/80$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -408.948+/-2.082 χ^2/NDF :5526.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Left: -415.679+/-1.457 χ^2/NDF : 9362.0/44

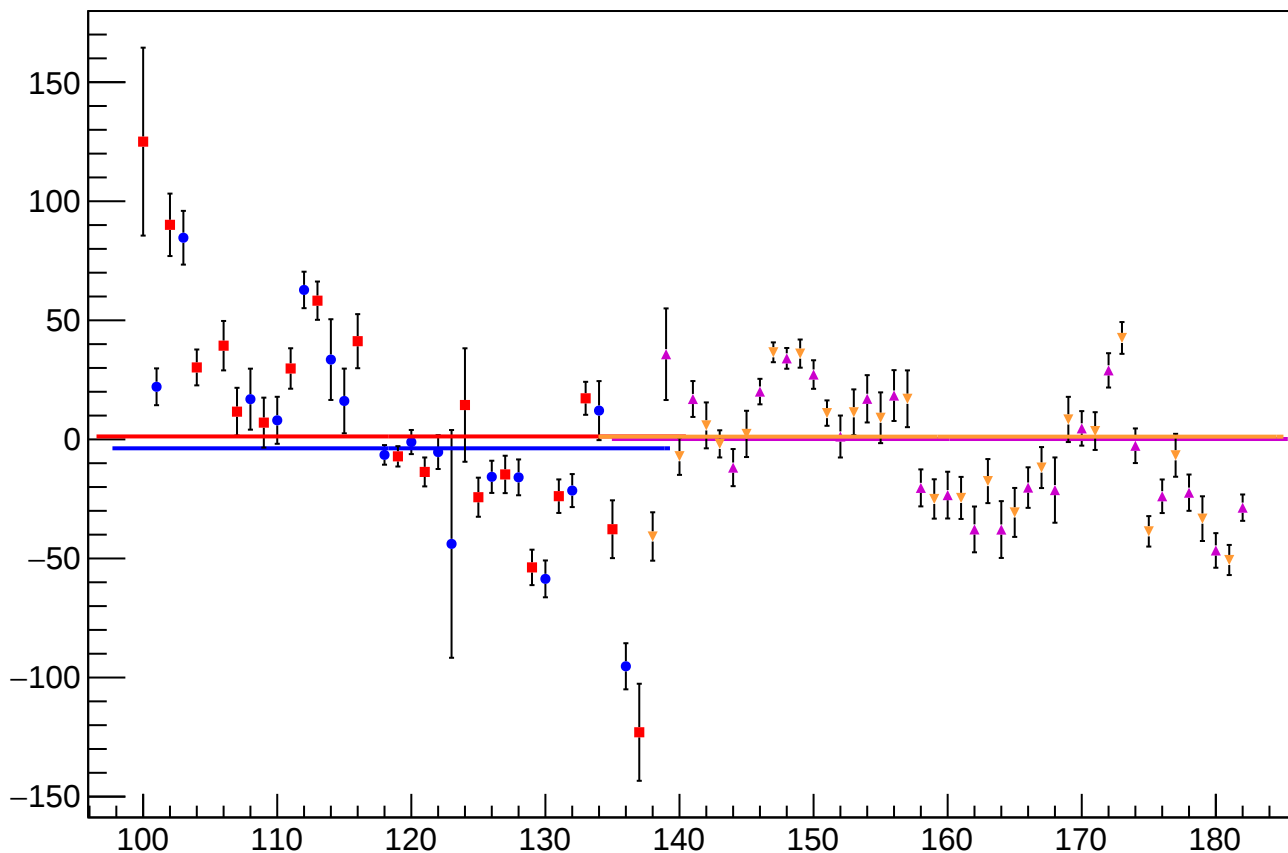
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -422.151+/-2.041 χ^2/NDF :3814.8/21

Out: -408.948+/-2.082 χ^2/NDF :5526.7/22

All: -415.679+/-1.457 χ^2/NDF : 9362.0/44

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 1.152 ± 1.560 χ^2/NDF : 326.3/22

Right Out: 1.241 ± 1.916 χ^2/NDF : 303.5/18

Left In: 0.163 ± 1.593 χ^2/NDF : 263.5/21

Left: 0.668 ± 1.115 χ^2/NDF : 589.9/44

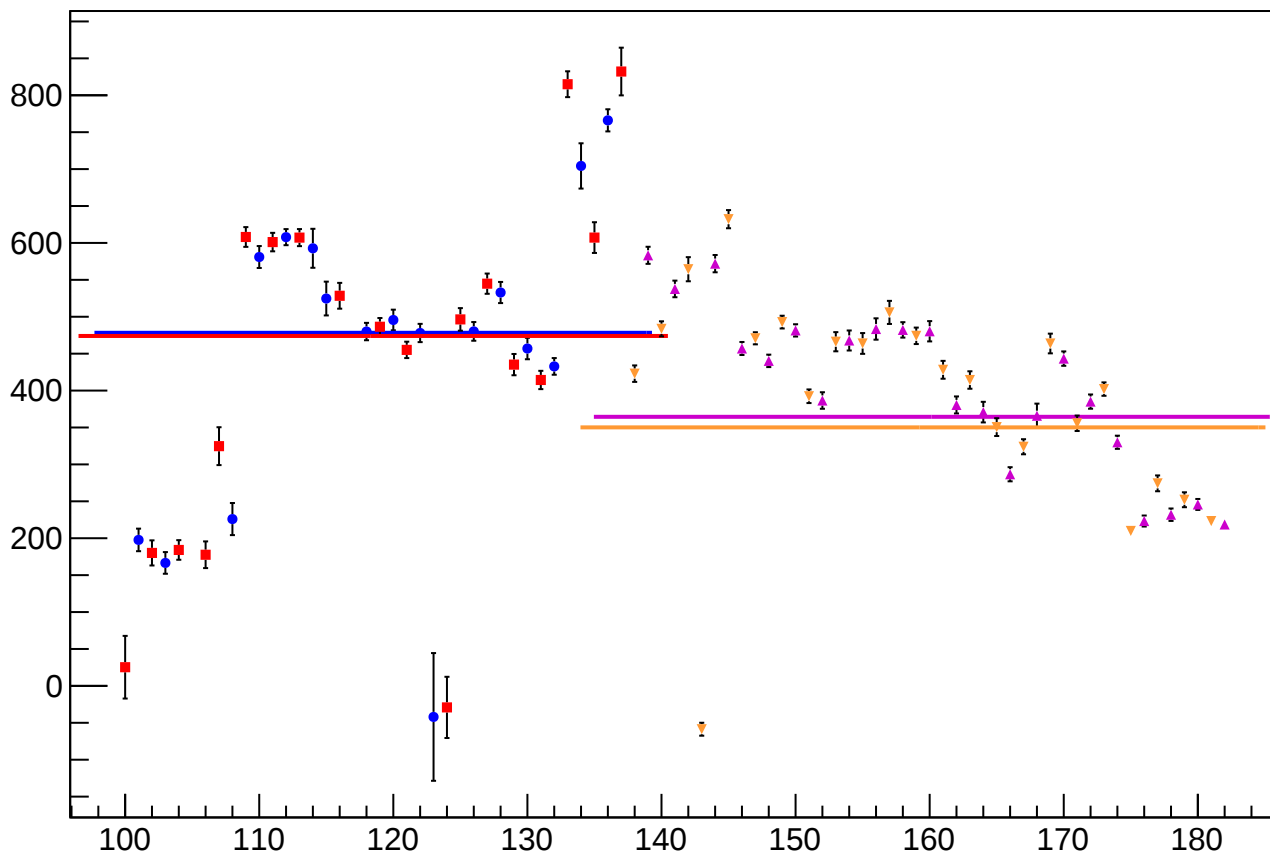
Right: -1.282 ± 1.346 χ^2/NDF : 621.1/35

In: -1.458 ± 1.219 χ^2/NDF : 580.0/38

Out: 1.187 ± 1.210 χ^2/NDF : 629.8/41

All: -0.126 ± 0.859 χ^2/NDF : 1212.2/80

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 350.155+/-2.082 χ^2/NDF : 5186.6/22

Right Out: 473.977+/-3.529 χ^2/NDF : 2288.3/18

Left In: 364.467+/-2.036 χ^2/NDF : 3346.3/21

Left: 357.469+/-1.456 χ^2/NDF : 8557.1/44

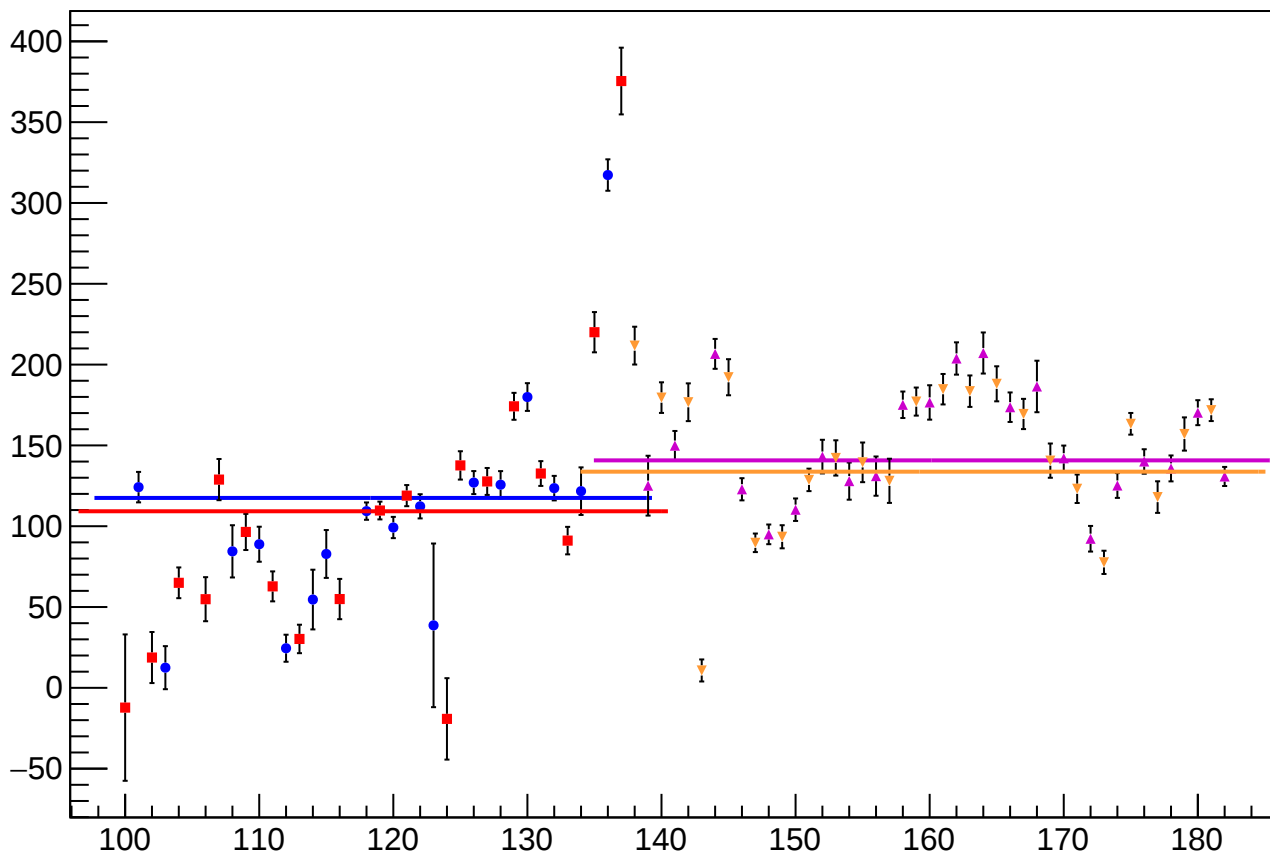
Right: 476.056+/-2.533 χ^2/NDF : 3917.0/35

In: 391.607+/-1.777 χ^2/NDF : 5719.3/38

Out: 382.115+/-1.793 χ^2/NDF : 8388.3/41

All: 386.904+/-1.262 χ^2/NDF : 14121.7/80

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 133.750 $\pm$ 1.806 χ^2/NDF : 768.5/22

Right Out: 109.247 $\pm$ 2.206 χ^2/NDF : 569.4/18

Left In: 140.740 $\pm$ 1.818 χ^2/NDF : 313.6/21

Left: 137.221 $\pm$ 1.281 χ^2/NDF : 1089.5/44

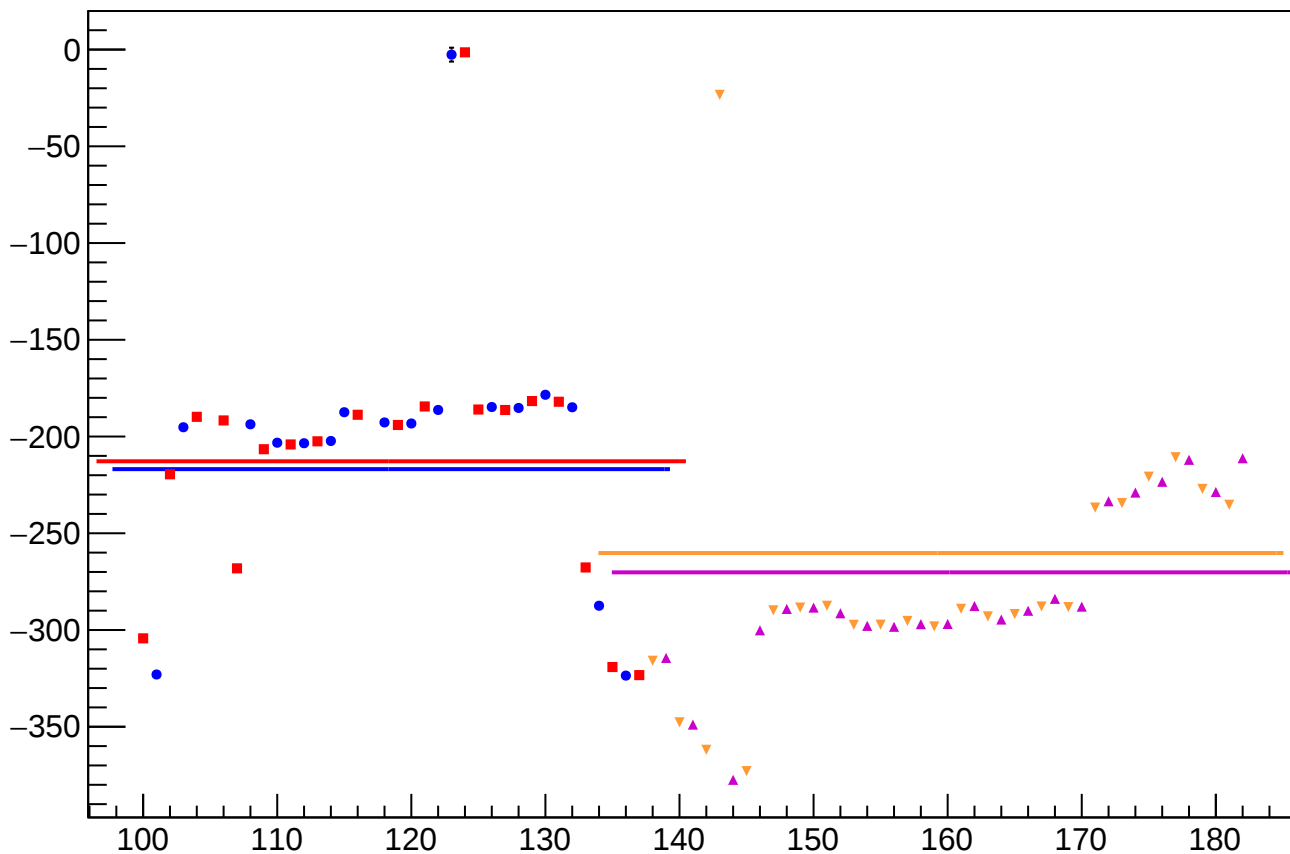
Right: 113.390 $\pm$ 1.557 χ^2/NDF : 1282.4/35

In: 131.298 $\pm$ 1.401 χ^2/NDF : 1085.9/38

Out: 123.917 $\pm$ 1.397 χ^2/NDF : 1411.8/41

All: 127.598 $\pm$ 0.989 χ^2/NDF : 2511.6/80

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.855 ± 0.136 $\chi^2/\text{NDF}: 146927.1/16$

Left Out: -260.217 ± 0.087 $\chi^2/\text{NDF}: 696668.4/22$

Right Out: -212.793 ± 0.130 $\chi^2/\text{NDF}: 116590.7/18$

Left In: -270.201 ± 0.085 $\chi^2/\text{NDF}: 250682.1/21$

Left: -265.315 ± 0.061 $\chi^2/\text{NDF}: 954137.9/44$

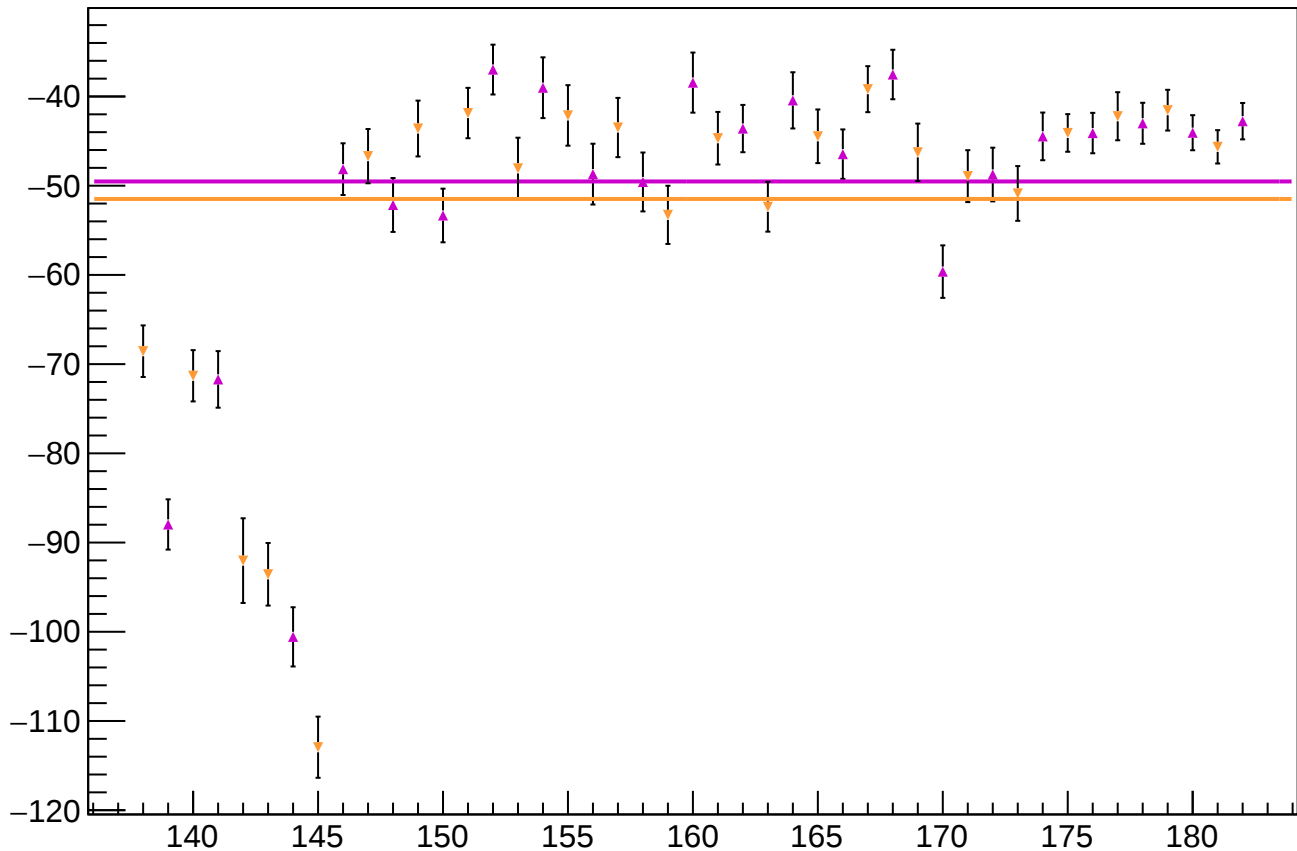
Right: -214.736 ± 0.094 $\chi^2/\text{NDF}: 263984.4/35$

In: -255.250 ± 0.072 $\chi^2/\text{NDF}: 508580.7/38$

Out: -245.652 ± 0.072 $\chi^2/\text{NDF}: 905372.4/41$

All: -250.462 ± 0.051 $\chi^2/\text{NDF}: 1422839.1/80$

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: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -49.524 ± 0.588 $\chi^2/\text{NDF}: 595.8/21$

Left: -50.491 ± 0.419 $\chi^2/\text{NDF}: 1347.2/44$

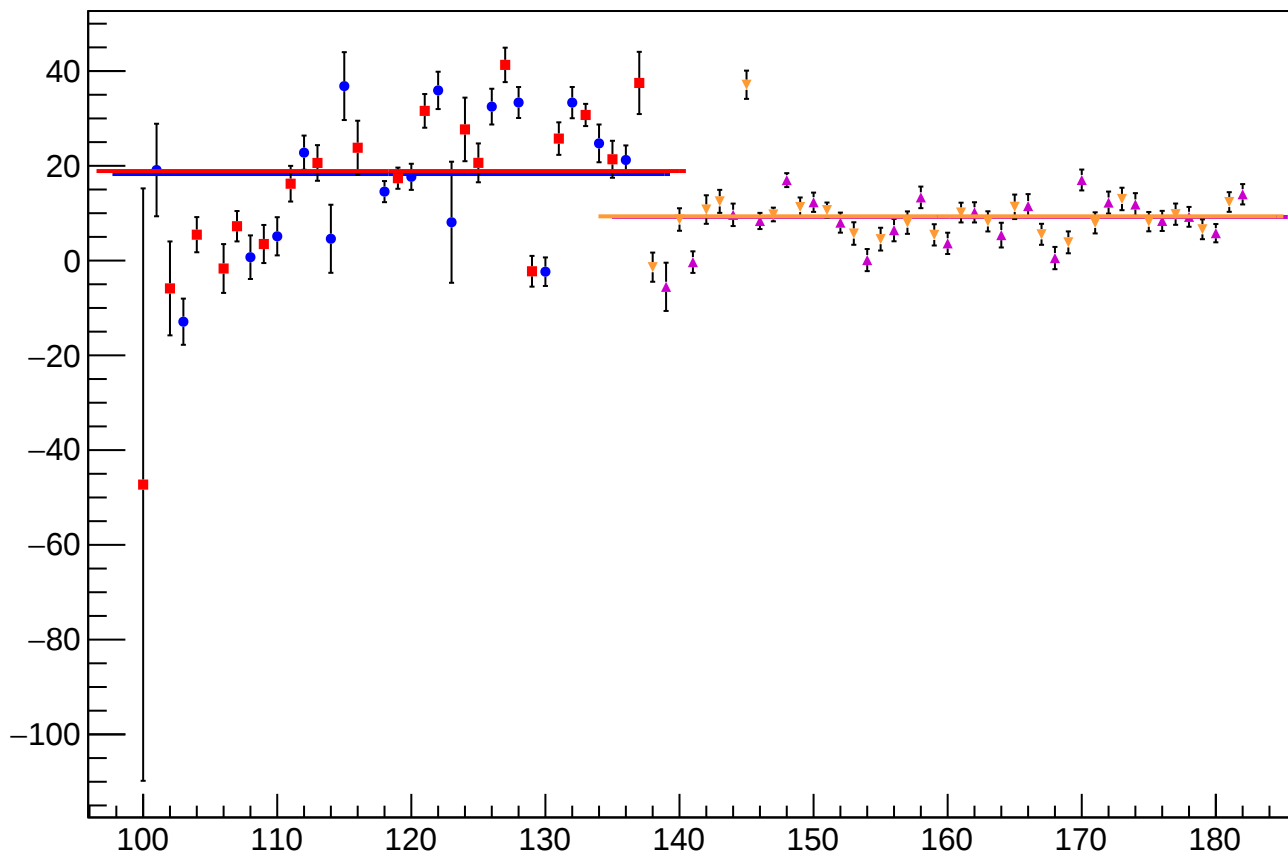
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -49.524 ± 0.588 $\chi^2/\text{NDF}: 595.8/21$

Out: -51.485 ± 0.597 $\chi^2/\text{NDF}: 745.9/22$

All: -50.491 ± 0.419 $\chi^2/\text{NDF}: 1347.2/44$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269+/-0.907 χ^2/NDF : 208.3/16

Left Out: 9.337+/-0.457 χ^2/NDF :128.8/22

Right Out: 18.897+/-0.864 χ^2/NDF : 199.2/18

Left In: 9.207+/-0.464 χ^2/NDF :123.5/21

Left: 9.273+/-0.326 χ^2/NDF : 252.4/44

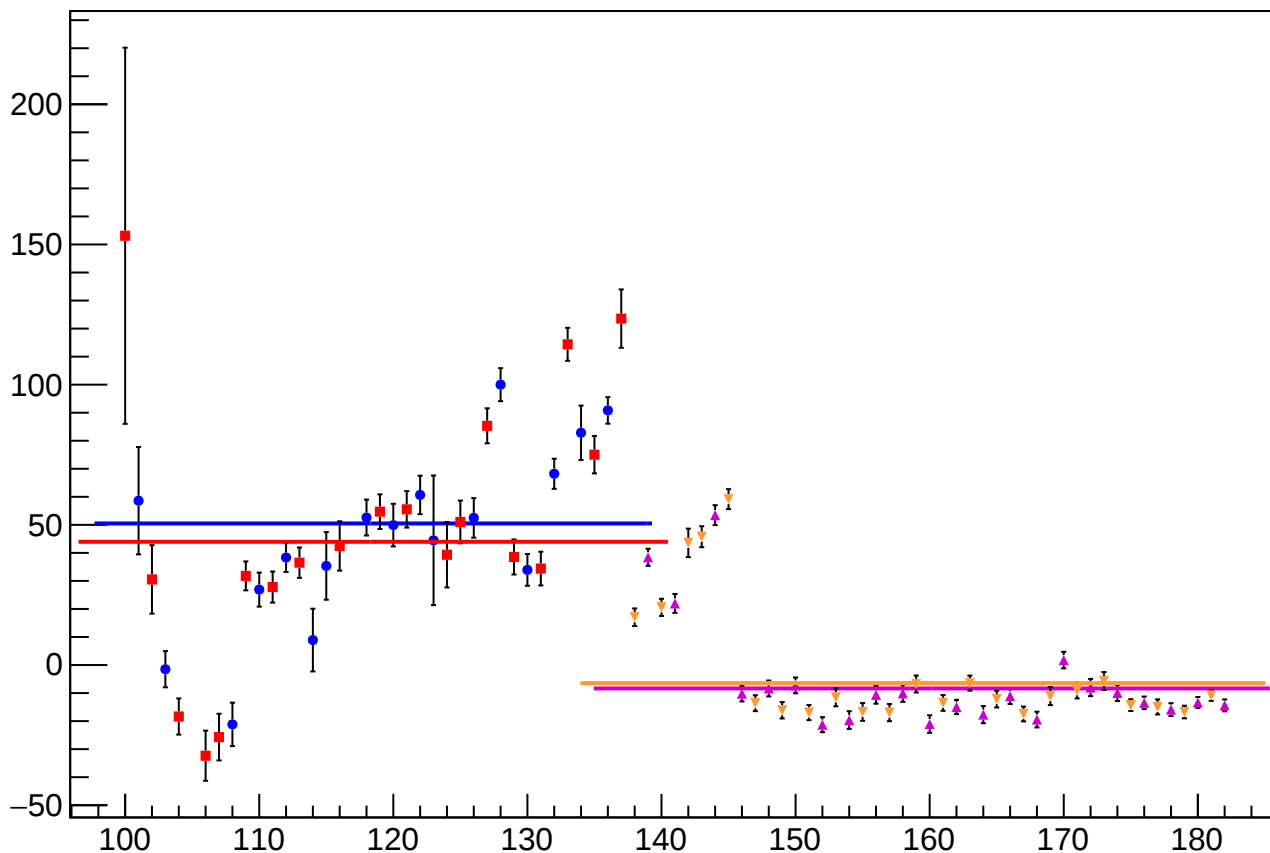
Right: 18.598+/-0.626 χ^2/NDF : 407.8/35

In: 11.087+/-0.413 χ^2/NDF :411.0/38

Out: 11.427+/-0.404 χ^2/NDF :423.7/41

All: 11.261+/-0.289 χ^2/NDF : 835.0/80

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: -6.433 ± 0.593 $\chi^2/\text{NDF}: 903.3/22$

Right Out: 43.957 ± 1.603 $\chi^2/\text{NDF}: 534.3/18$

Left In: -8.354 ± 0.584 $\chi^2/\text{NDF}: 748.6/21$

Left: -7.408 ± 0.416 $\chi^2/\text{NDF}: 1657.2/44$

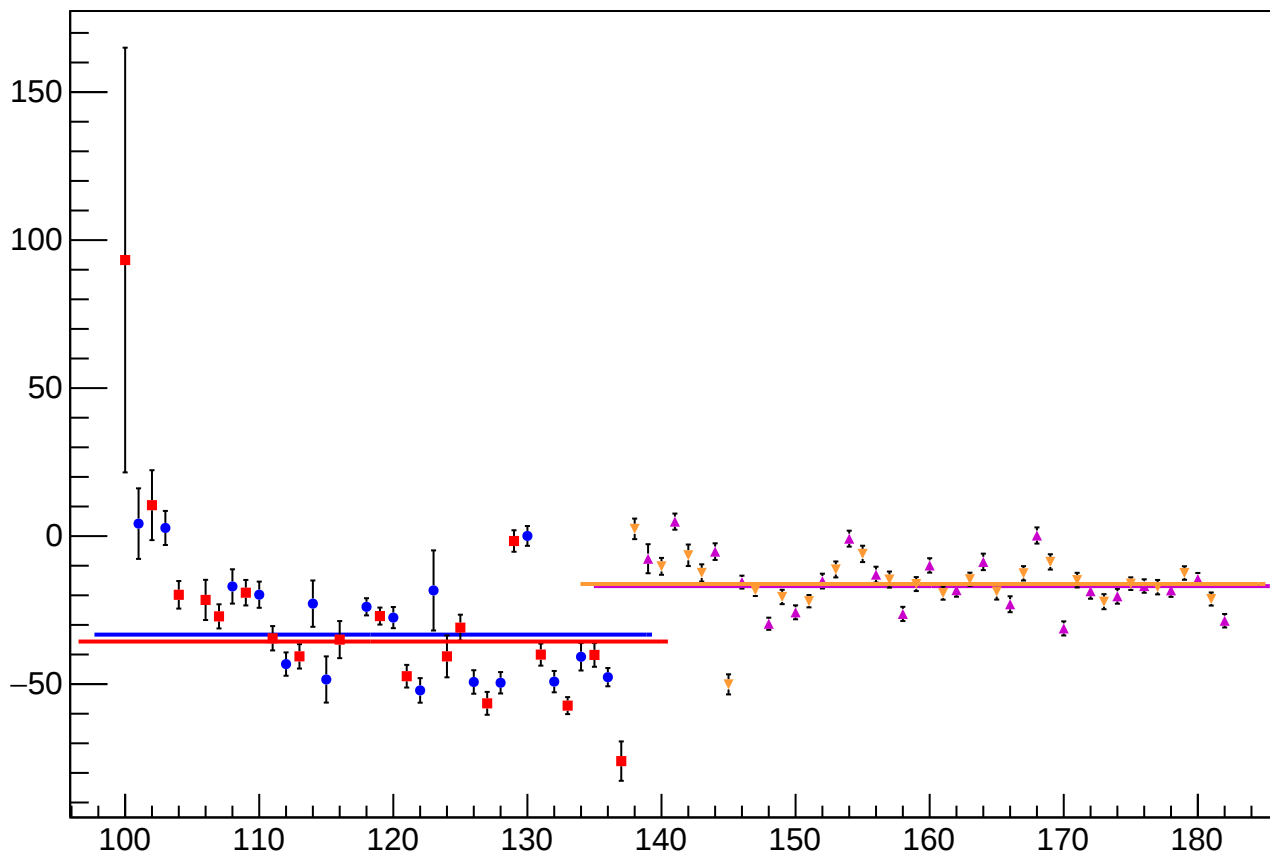
Right: 47.092 ± 1.157 $\chi^2/\text{NDF}: 905.5/35$

In: -1.950 ± 0.551 $\chi^2/\text{NDF}: 2217.4/38$

Out: -0.374 ± 0.556 $\chi^2/\text{NDF}: 2306.8/41$

All: -1.168 ± 0.391 $\chi^2/\text{NDF}: 4528.2/80$

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281+/-1.035 χ^2/NDF : 292.9/16

Left Out: -16.175+/-0.521 χ^2/NDF :198.5/22

Right Out: -35.619+/-0.993 χ^2/NDF : 287.8/18

Left In: -16.892+/-0.525 χ^2/NDF :318.5/21

Left: -16.531+/-0.370 χ^2/NDF : 518.0/44

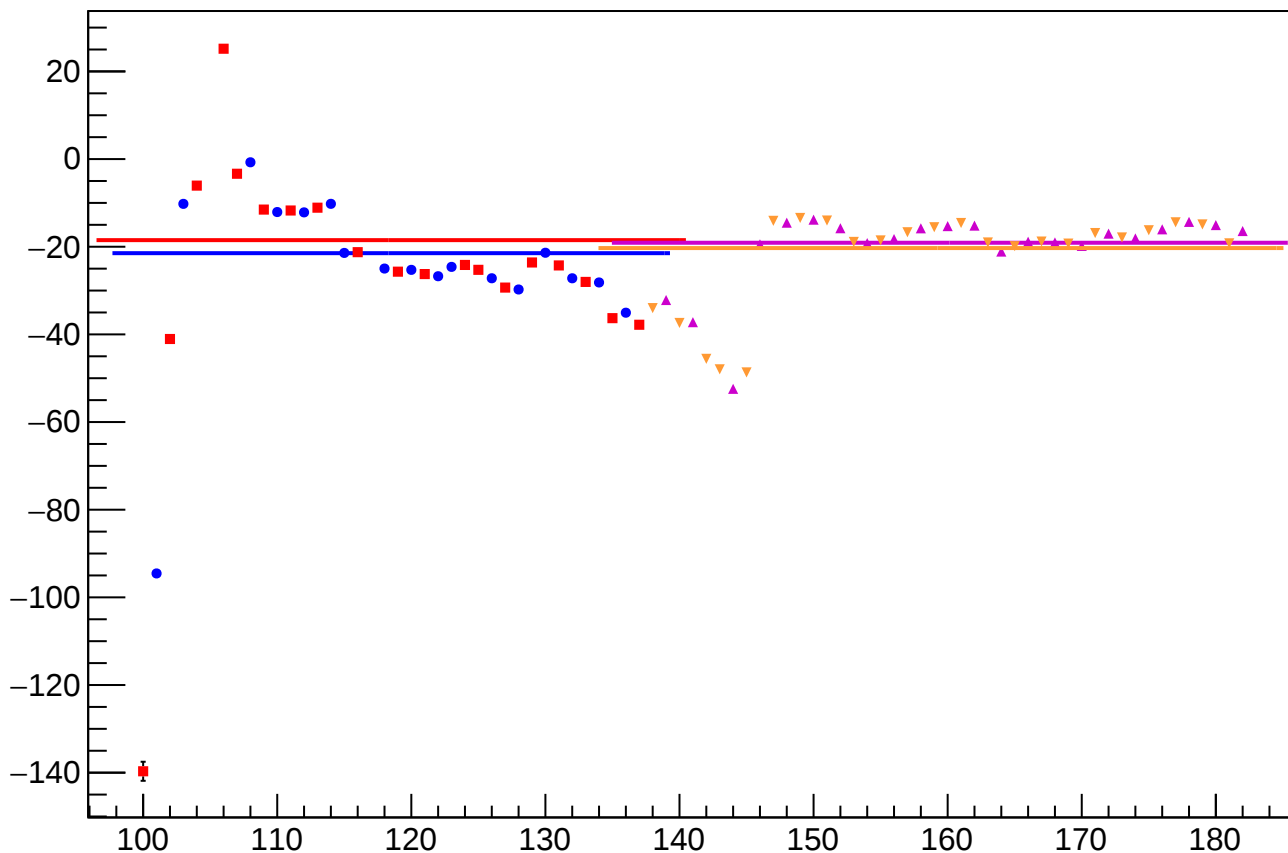
Right: -34.498+/-0.716 χ^2/NDF : 583.4/35

In: -20.245+/-0.468 χ^2/NDF :810.9/38

Out: -20.379+/-0.462 χ^2/NDF :787.1/41

All: -20.313+/-0.329 χ^2/NDF : 1598.1/80

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -20.306 ± 0.024 $\chi^2/\text{NDF}: 143173.9/22$

Right Out: -18.496 ± 0.057 $\chi^2/\text{NDF}: 80700.9/18$

Left In: -19.090 ± 0.024 $\chi^2/\text{NDF}: 92654.3/21$

Left: -19.690 ± 0.017 $\chi^2/\text{NDF}: 237116.4/44$

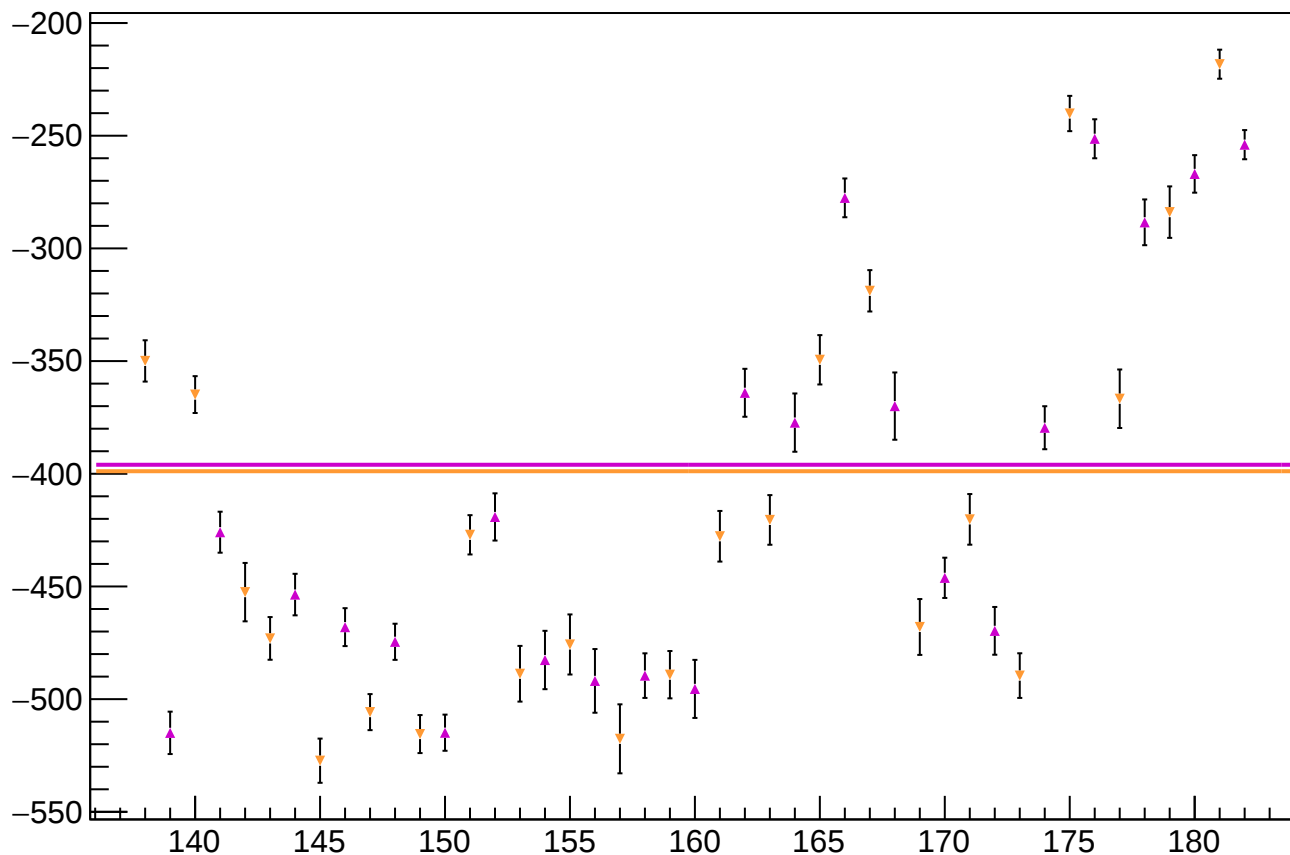
Right: -19.947 ± 0.041 $\chi^2/\text{NDF}: 130991.7/35$

In: -19.426 ± 0.022 $\chi^2/\text{NDF}: 143042.2/38$

Out: -20.034 ± 0.022 $\chi^2/\text{NDF}: 224721.1/41$

All: -19.728 ± 0.016 $\chi^2/\text{NDF}: 368141.5/80$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Left: -397.419+/-1.442 χ^2/NDF : 4669.4/44

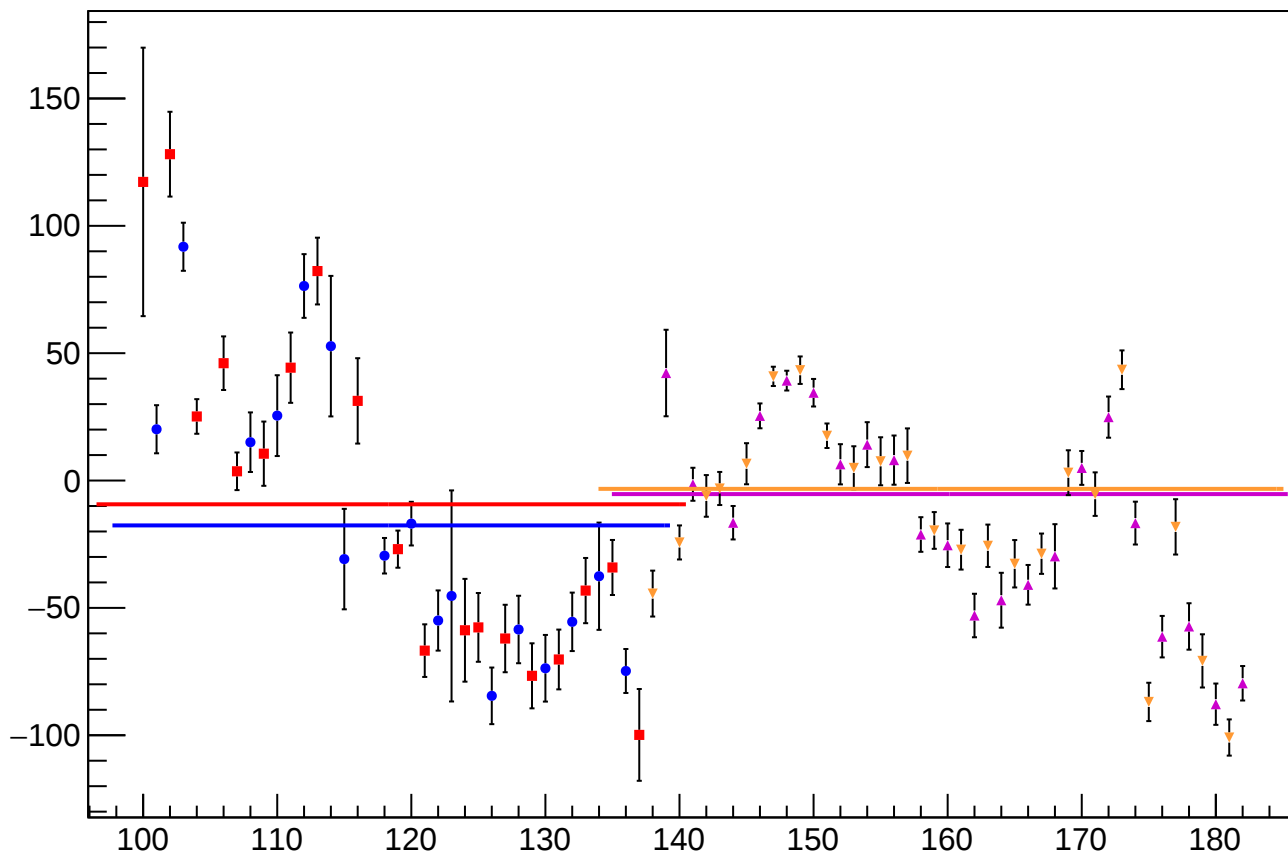
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -396.002+/-2.027 χ^2/NDF :2243.6/21

Out: -398.870+/-2.051 χ^2/NDF :2424.8/22

All: -397.419+/-1.442 χ^2/NDF : 4669.4/44

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: -3.265 ± 1.497 $\chi^2/\text{NDF}: 701.5/22$

Right Out: -9.330 ± 2.609 $\chi^2/\text{NDF}: 366.5/18$

Left In: -5.324 ± 1.526 $\chi^2/\text{NDF}: 649.1/21$

Left: -4.275 ± 1.069 $\chi^2/\text{NDF}: 1351.6/44$

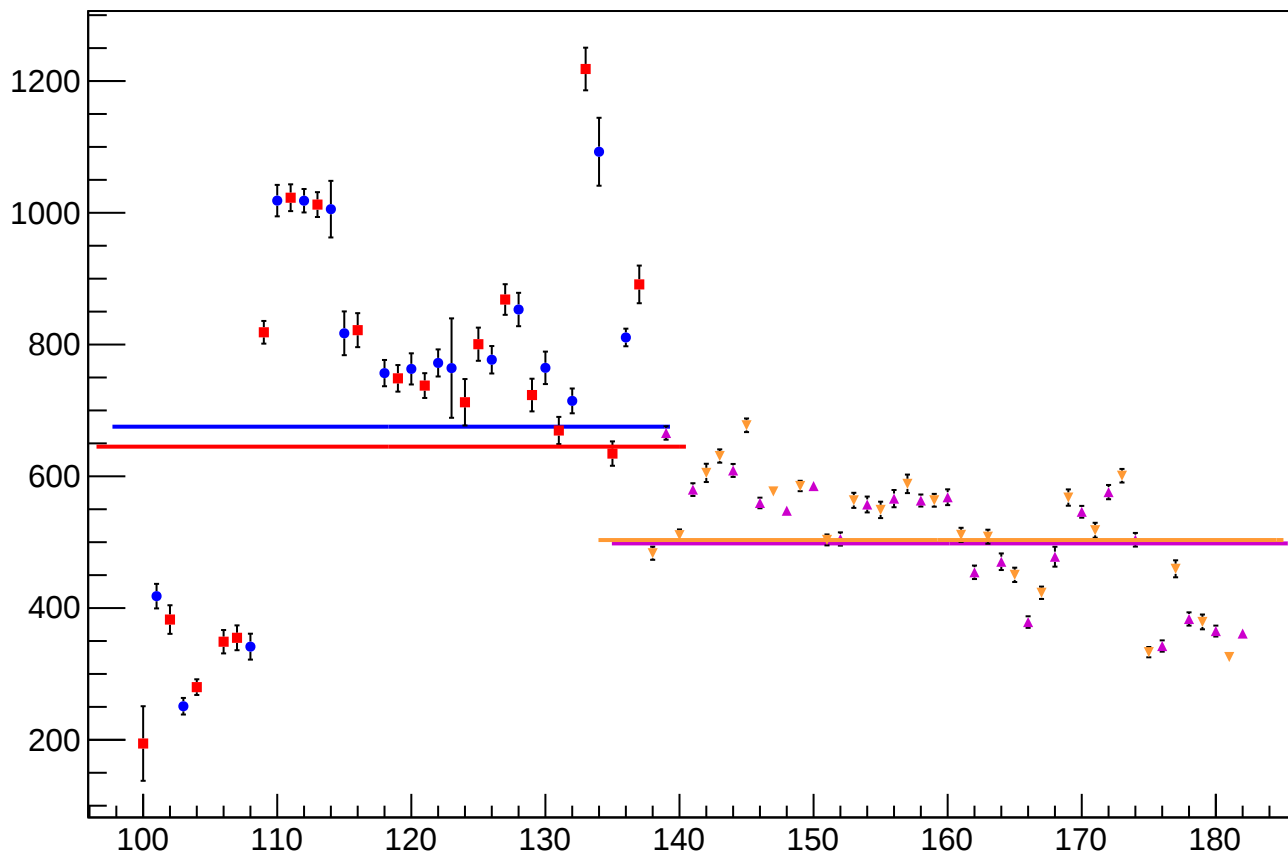
Right: -13.203 ± 1.905 $\chi^2/\text{NDF}: 733.2/35$

In: -8.162 ± 1.339 $\chi^2/\text{NDF}: 1026.1/38$

Out: -4.767 ± 1.298 $\chi^2/\text{NDF}: 1072.1/41$

All: -6.413 ± 0.932 $\chi^2/\text{NDF}: 2101.5/80$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339+/-5.046 χ^2/NDF : 2582.7/16

Left Out: 503.247+/-2.043 χ^2/NDF : 2349.2/22

Right Out: 645.022+/-4.758 χ^2/NDF : 3122.8/18

Left In: 498.142+/-2.012 χ^2/NDF : 2266.9/21

Left: 500.655+/-1.434 χ^2/NDF : 4619.2/44

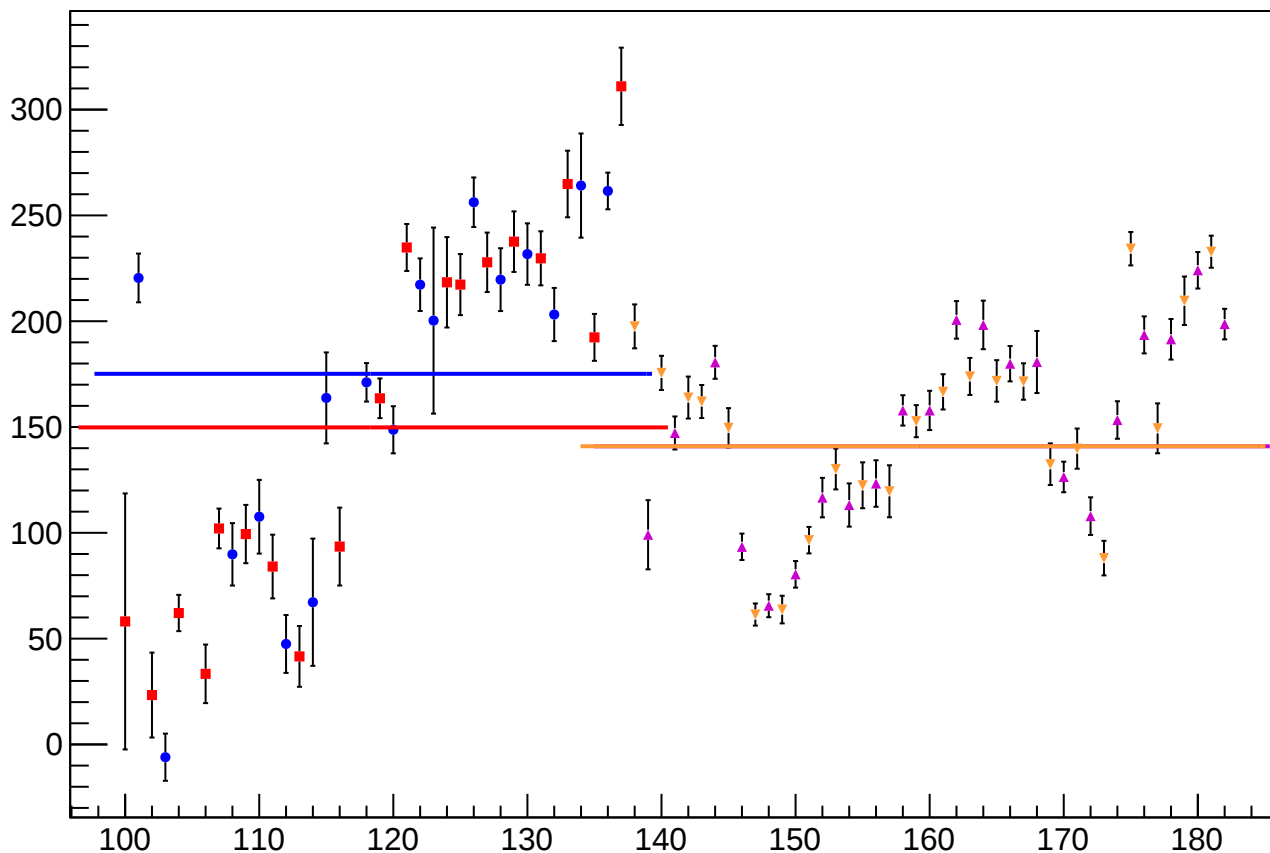
Right: 659.291+/-3.462 χ^2/NDF : 5724.6/35

In: 522.449+/-1.869 χ^2/NDF : 5913.7/38

Out: 525.324+/-1.878 χ^2/NDF : 6221.6/41

All: 523.880+/-1.325 χ^2/NDF : 12136.5/80

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2 /NDF: 635.6/16

Left Out: 140.911 $\pm$ 1.747 χ^2 /NDF:905.2/22

Right Out: 149.822 $\pm$ 3.041 χ^2 /NDF: 688.5/18

Left In: 140.888 $\pm$ 1.761 χ^2 /NDF:742.1/21

Left: 140.900 $\pm$ 1.240 χ^2 /NDF: 1647.3/44

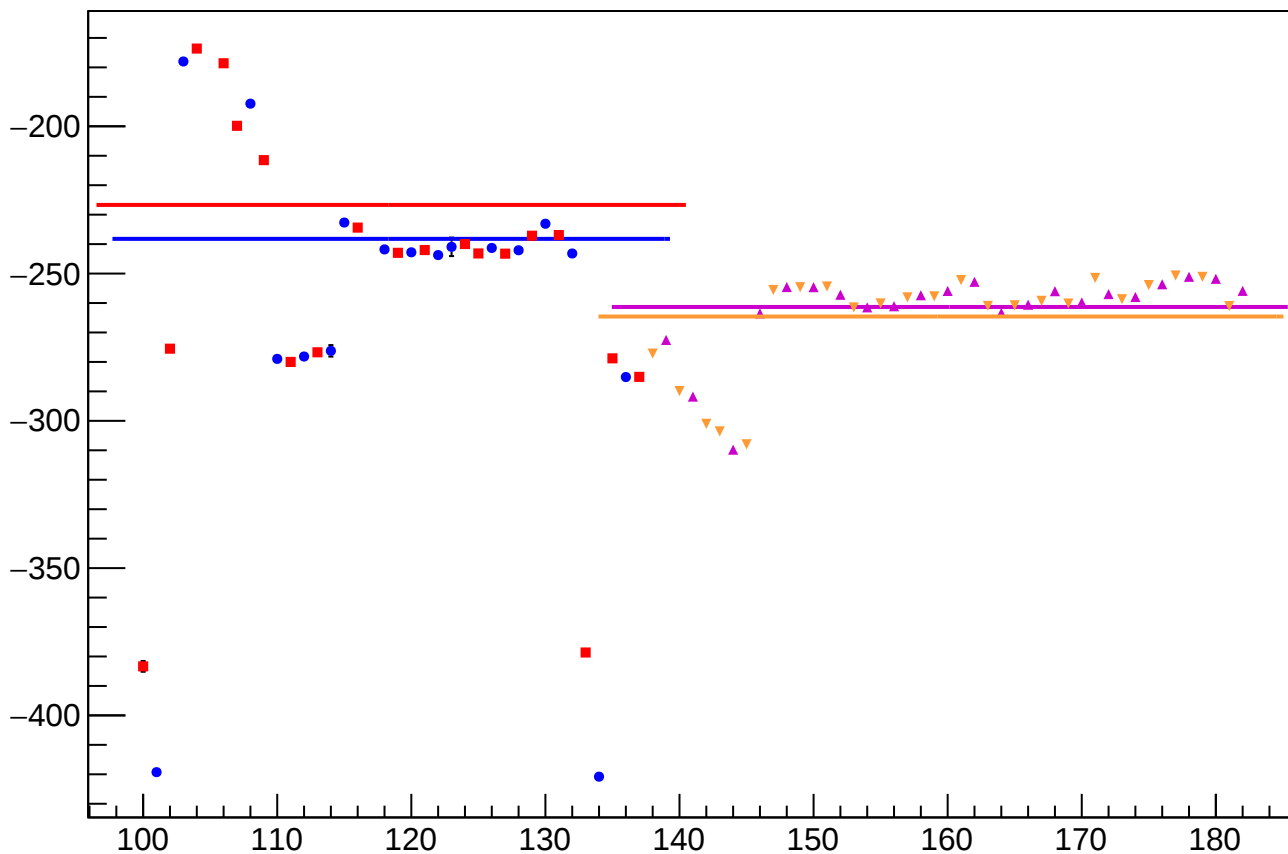
Right: 161.803 $\pm$ 2.208 χ^2 /NDF: 1356.9/35

In: 148.817 $\pm$ 1.544 χ^2 /NDF:1465.3/38

Out: 143.122 $\pm$ 1.515 χ^2 /NDF:1600.1/41

All: 145.915 $\pm$ 1.081 χ^2 /NDF: 3072.3/80

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -264.581+/-0.084 χ^2/NDF : 38226.6/22

Right Out: -226.696+/-0.151 χ^2/NDF : 102814.8/18

Left In: -261.339+/-0.083 χ^2/NDF : 23448.0/21

Left: -262.929+/-0.059 χ^2/NDF : 62430.1/44

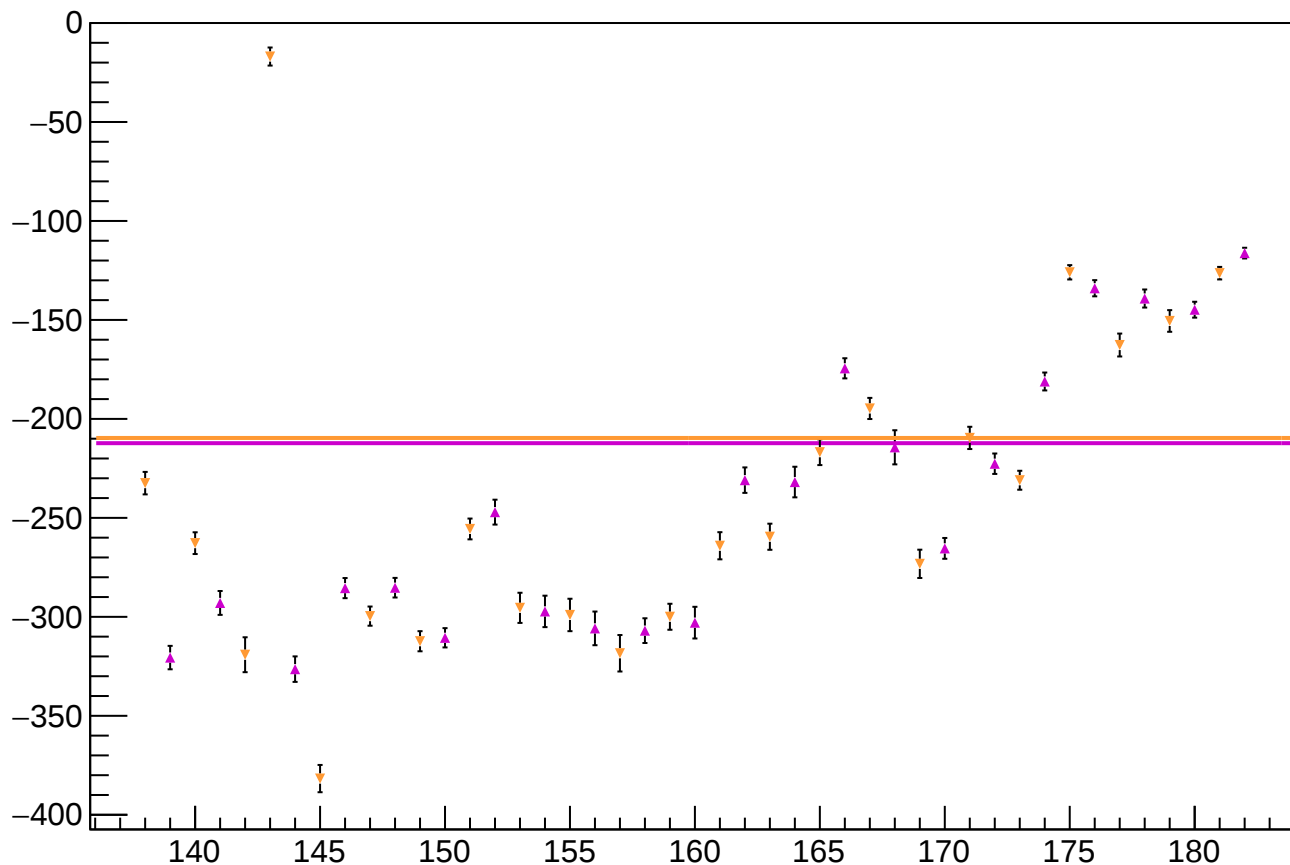
Right: -232.123+/-0.110 χ^2/NDF : 272653.1/35

In: -256.477+/-0.073 χ^2/NDF : 207026.7/38

Out: -255.603+/-0.074 χ^2/NDF : 189036.8/41

All: -256.041+/-0.052 χ^2/NDF : 396134.3/80

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -209.629 $\pm$ 1.141 χ^2 /NDF:5711.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -212.265 $\pm$ 1.104 χ^2 /NDF:4674.7/21

Left: -210.991 $\pm$ 0.794 χ^2 /NDF: 10388.9/44

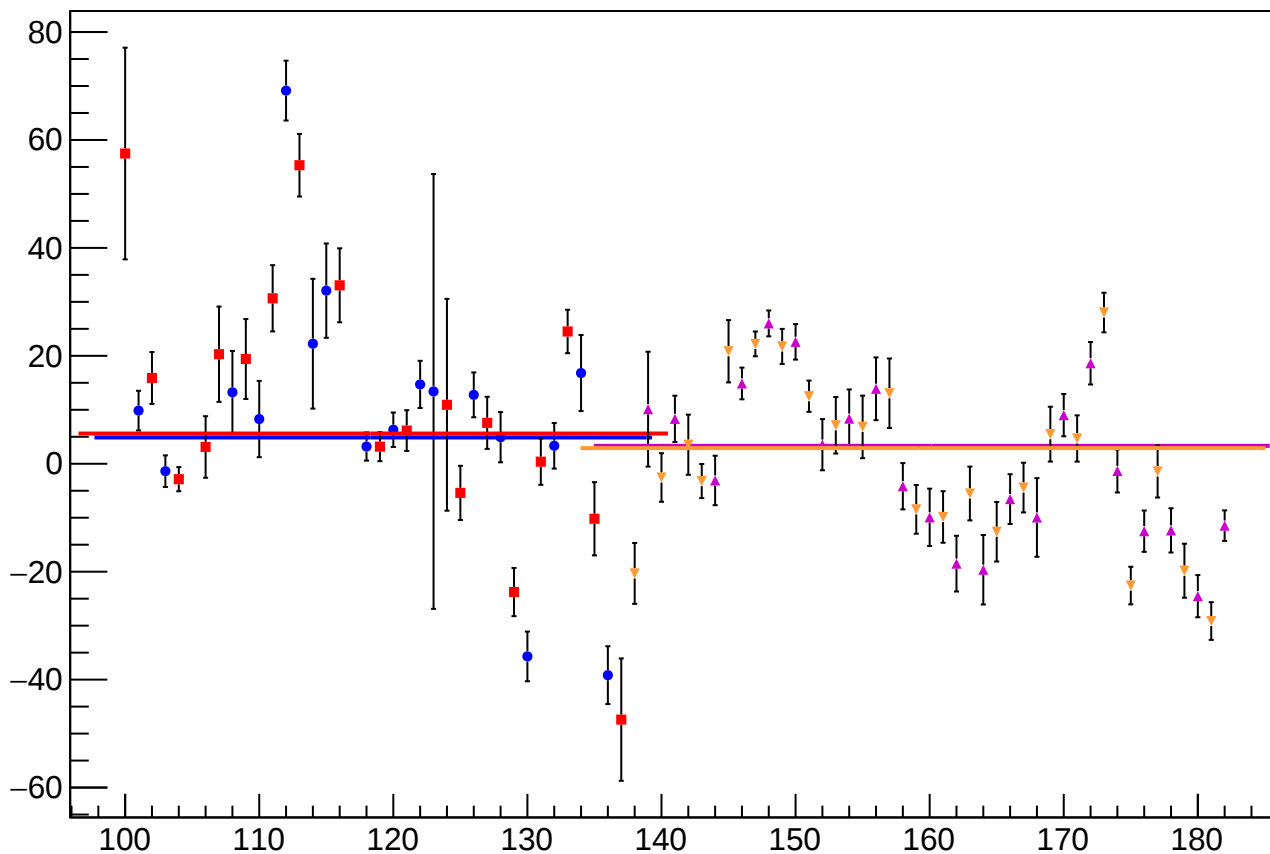
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -212.265 $\pm$ 1.104 χ^2 /NDF:4674.7/21

Out: -209.629 $\pm$ 1.141 χ^2 /NDF:5711.4/22

All: -210.991 $\pm$ 0.794 χ^2 /NDF: 10388.9/44

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: 2.899 ± 0.856 $\chi^2/\text{NDF}: 383.7/22$

Right Out: 5.605 ± 1.069 $\chi^2/\text{NDF}: 238.6/18$

Left In: 3.321 ± 0.867 $\chi^2/\text{NDF}: 323.3/21$

Left: 3.107 ± 0.609 $\chi^2/\text{NDF}: 707.0/44$

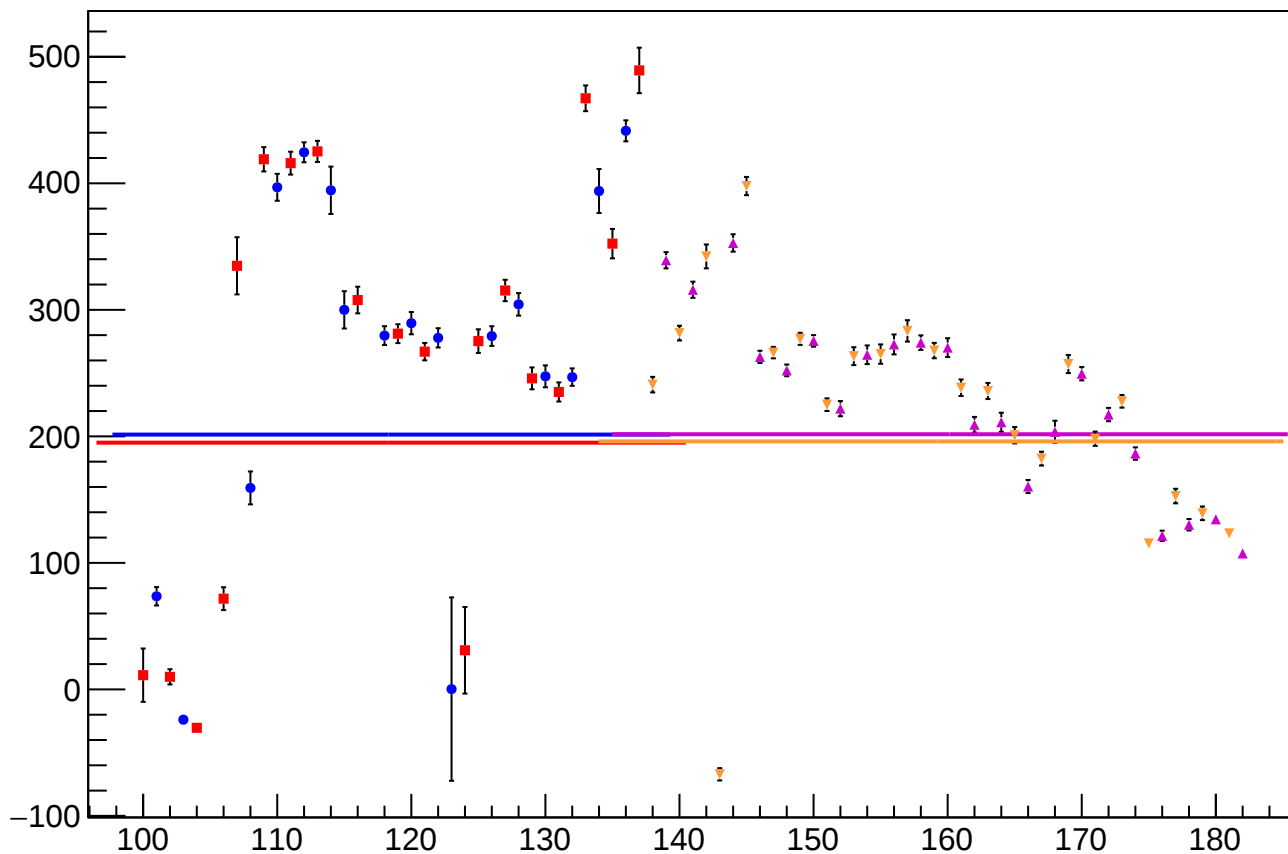
Right: 5.245 ± 0.764 $\chi^2/\text{NDF}: 550.3/35$

In: 3.921 ± 0.679 $\chi^2/\text{NDF}: 636.1/38$

Out: 3.956 ± 0.668 $\chi^2/\text{NDF}: 626.1/41$

All: 3.939 ± 0.476 $\chi^2/\text{NDF}: 1262.2/80$

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 201.407 $\pm$ 1.974 χ^2 /NDF: 6740.4/16

Left Out: 196.014 $\pm$ 1.140 χ^2 /NDF:6548.3/22

Right Out: 195.024 $\pm$ 1.923 χ^2 /NDF: 8254.7/18

Left In: 201.666 $\pm$ 1.102 χ^2 /NDF:4426.8/21

Left: 198.937 $\pm$ 0.792 χ^2 /NDF: 10987.8/44

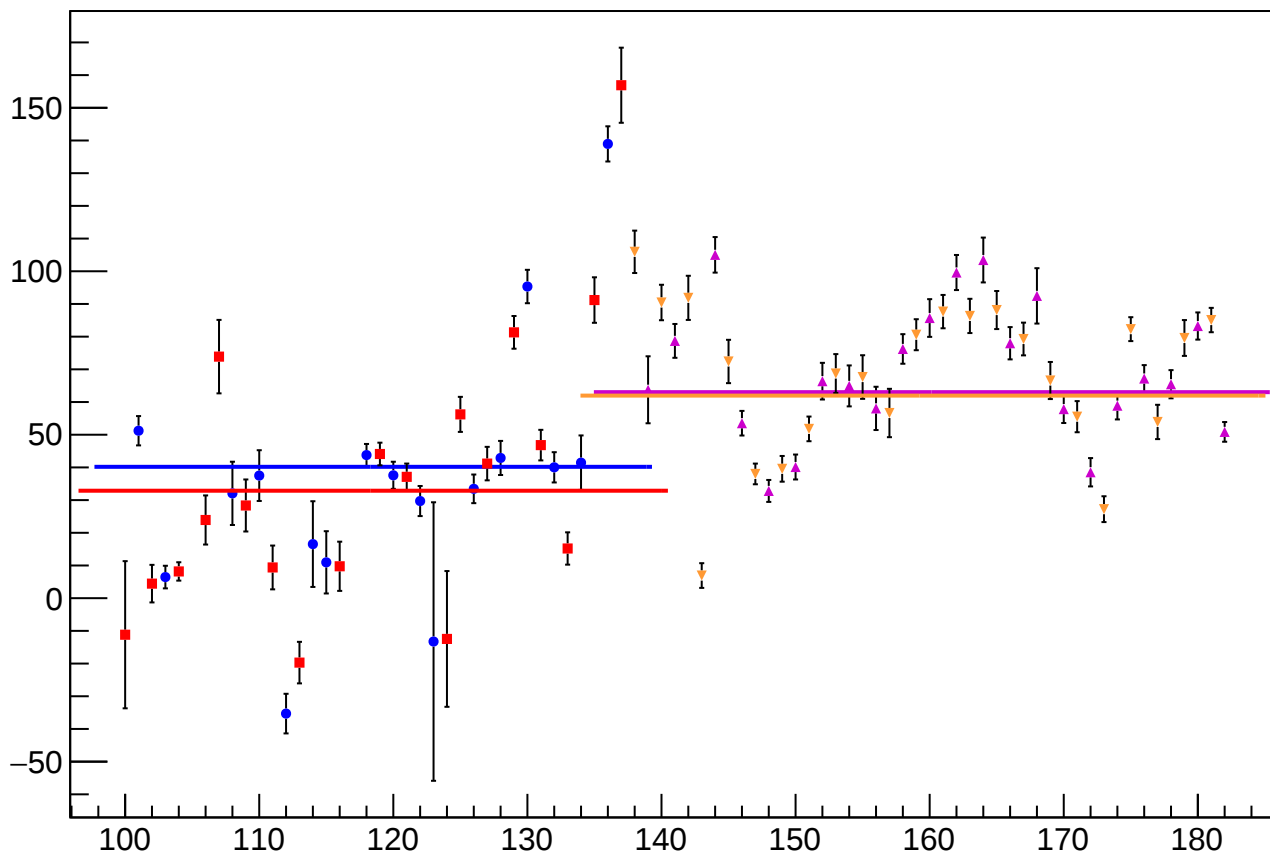
Right: 198.133 $\pm$ 1.377 χ^2 /NDF: 15000.5/35

In: 201.604 $\pm$ 0.962 χ^2 /NDF:11167.2/38

Out: 195.756 $\pm$ 0.981 χ^2 /NDF:14803.2/41

All: 198.737 $\pm$ 0.687 χ^2 /NDF: 25988.5/80

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183+/-1.270 χ^2/NDF : 734.0/16

Left Out: 61.966+/-0.990 χ^2/NDF :664.0/22

Right Out: 32.873+/-1.251 χ^2/NDF : 551.0/18

Left In: 63.021+/-0.988 χ^2/NDF :395.4/21

Left: 62.494+/-0.699 χ^2/NDF : 1059.9/44

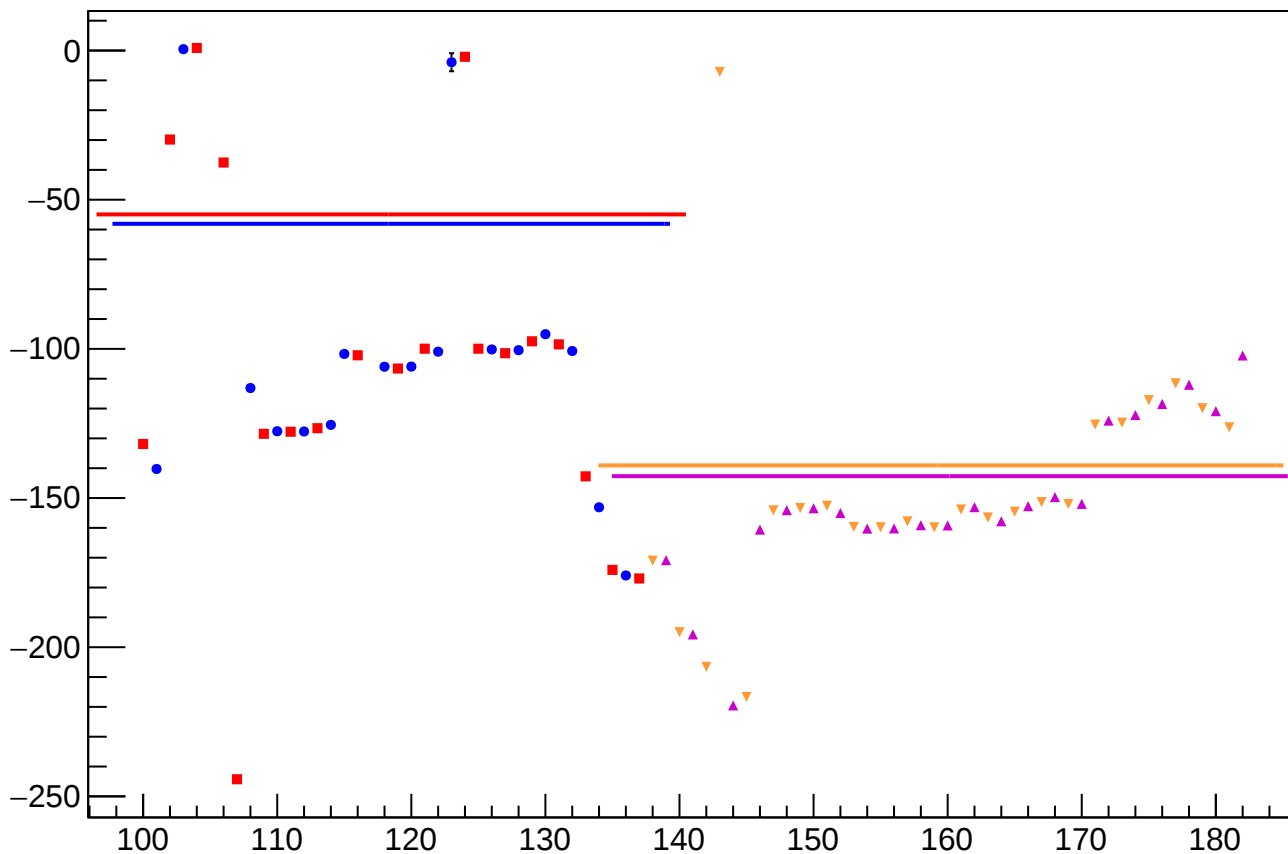
Right: 36.473+/-0.891 χ^2/NDF : 1301.8/35

In: 54.409+/-0.780 χ^2/NDF :1330.9/38

Out: 50.764+/-0.776 χ^2/NDF :1547.7/41

All: 52.578+/-0.550 χ^2/NDF : 2889.5/80

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 ± 0.062 $\chi^2/\text{NDF}: 1104437.7/16$

Left Out: -139.058 ± 0.047 $\chi^2/\text{NDF}: 736295.4/22$

Right Out: -54.929 ± 0.060 $\chi^2/\text{NDF}: 1003908.6/18$

Left In: -142.671 ± 0.046 $\chi^2/\text{NDF}: 325478.2/21$

Left: -140.919 ± 0.033 $\chi^2/\text{NDF}: 1064766.5/44$

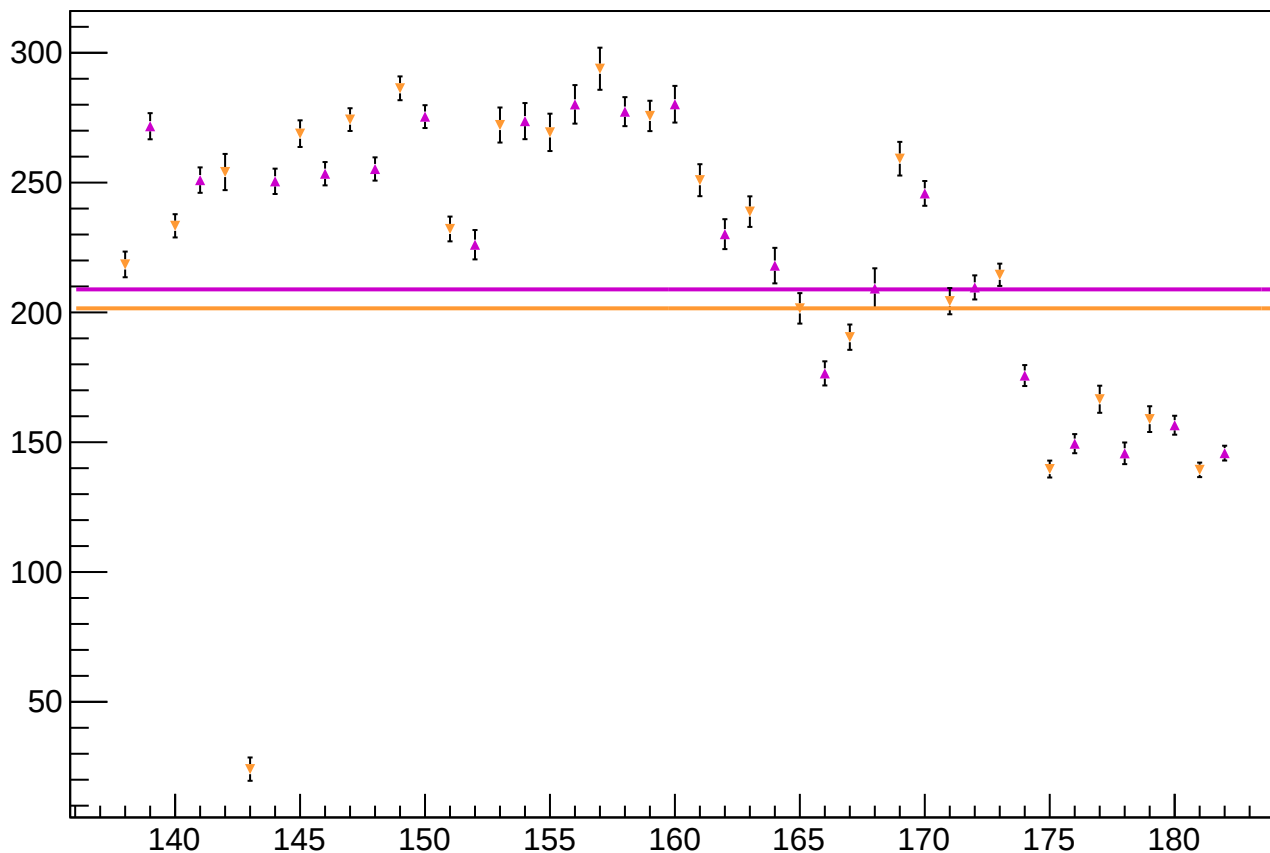
Right: -56.466 ± 0.043 $\chi^2/\text{NDF}: 2109681.6/35$

In: -112.401 ± 0.037 $\chi^2/\text{NDF}: 2640198.7/38$

Out: -106.875 ± 0.037 $\chi^2/\text{NDF}: 2946024.2/41$

All: -109.666 ± 0.026 $\chi^2/\text{NDF}: 5597347.6/80$

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 201.568+/-1.015 χ^2/NDF :4171.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Left: 205.256+/-0.714 χ^2/NDF : 6750.2/44

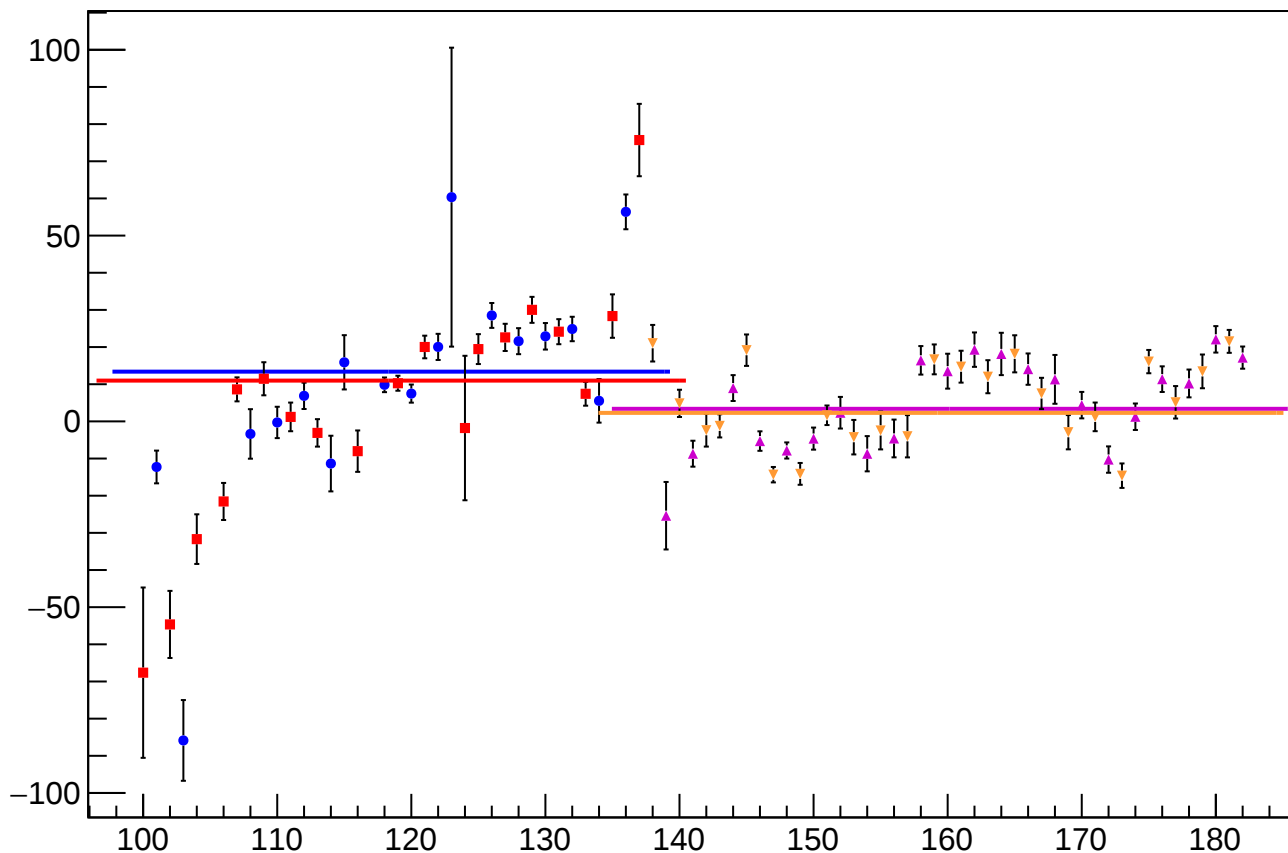
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.868+/-1.004 χ^2/NDF :2552.5/21

Out: 201.568+/-1.015 χ^2/NDF :4171.6/22

All: 205.256+/-0.714 χ^2/NDF : 6750.2/44

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: 2.289 ± 0.764 χ^2/NDF : 263.0/22

Right Out: 10.975 ± 0.915 χ^2/NDF : 304.0/18

Left In: 3.382 ± 0.781 χ^2/NDF : 194.0/21

Left: 2.823 ± 0.546 χ^2/NDF : 458.0/44

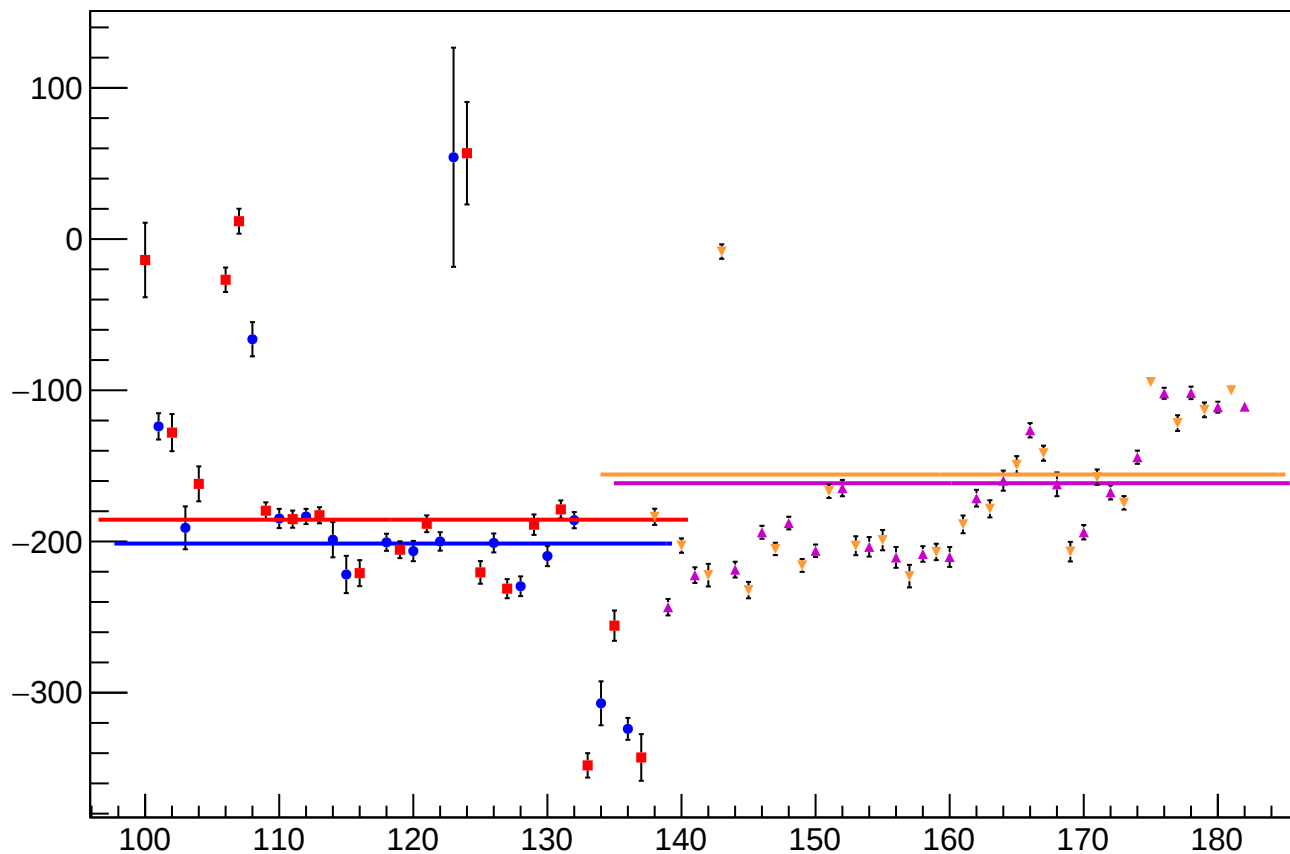
Right: 12.172 ± 0.649 χ^2/NDF : 601.5/35

In: 7.564 ± 0.596 χ^2/NDF : 556.7/38

Out: 5.860 ± 0.586 χ^2/NDF : 620.1/41

All: 6.699 ± 0.418 χ^2/NDF : 1181.0/80

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -155.700 ± 1.015 χ^2/NDF : 2941.9/22

Right Out: -185.589 ± 1.699 χ^2/NDF : 1748.2/18

Left In: -161.453 ± 1.002 χ^2/NDF : 2007.9/21

Left: -158.615 ± 0.713 χ^2/NDF : 4966.1/44

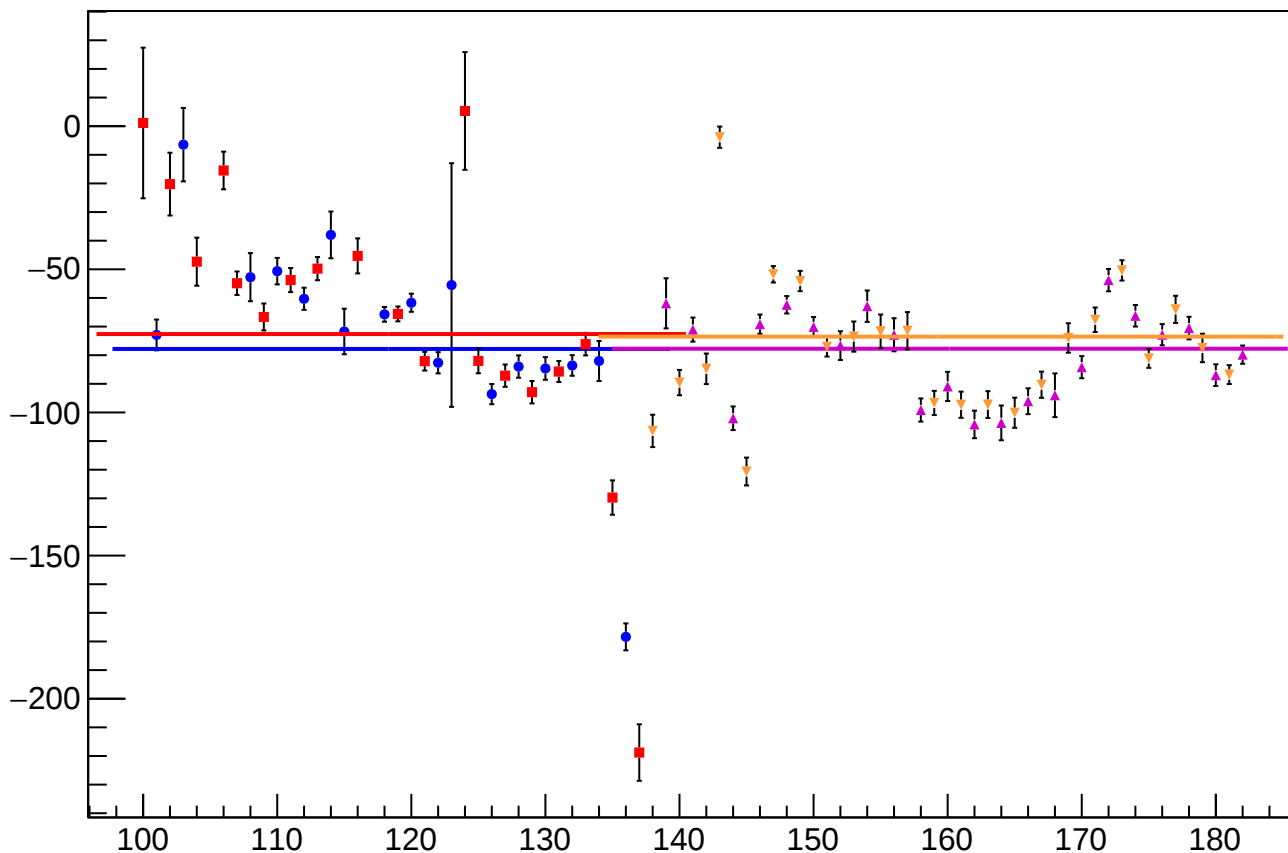
Right: -193.097 ± 1.230 χ^2/NDF : 2414.3/35

In: -171.023 ± 0.873 χ^2/NDF : 3013.6/38

Out: -163.561 ± 0.871 χ^2/NDF : 4918.2/41

All: -167.284 ± 0.617 χ^2/NDF : 7968.3/80

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -73.517 ± 0.883 χ^2/NDF : 777.9/22

Right Out: -72.616 ± 1.053 χ^2/NDF : 606.8/18

Left In: -77.736 ± 0.892 χ^2/NDF : 251.0/21

Left: -75.606 ± 0.627 χ^2/NDF : 1040.2/44

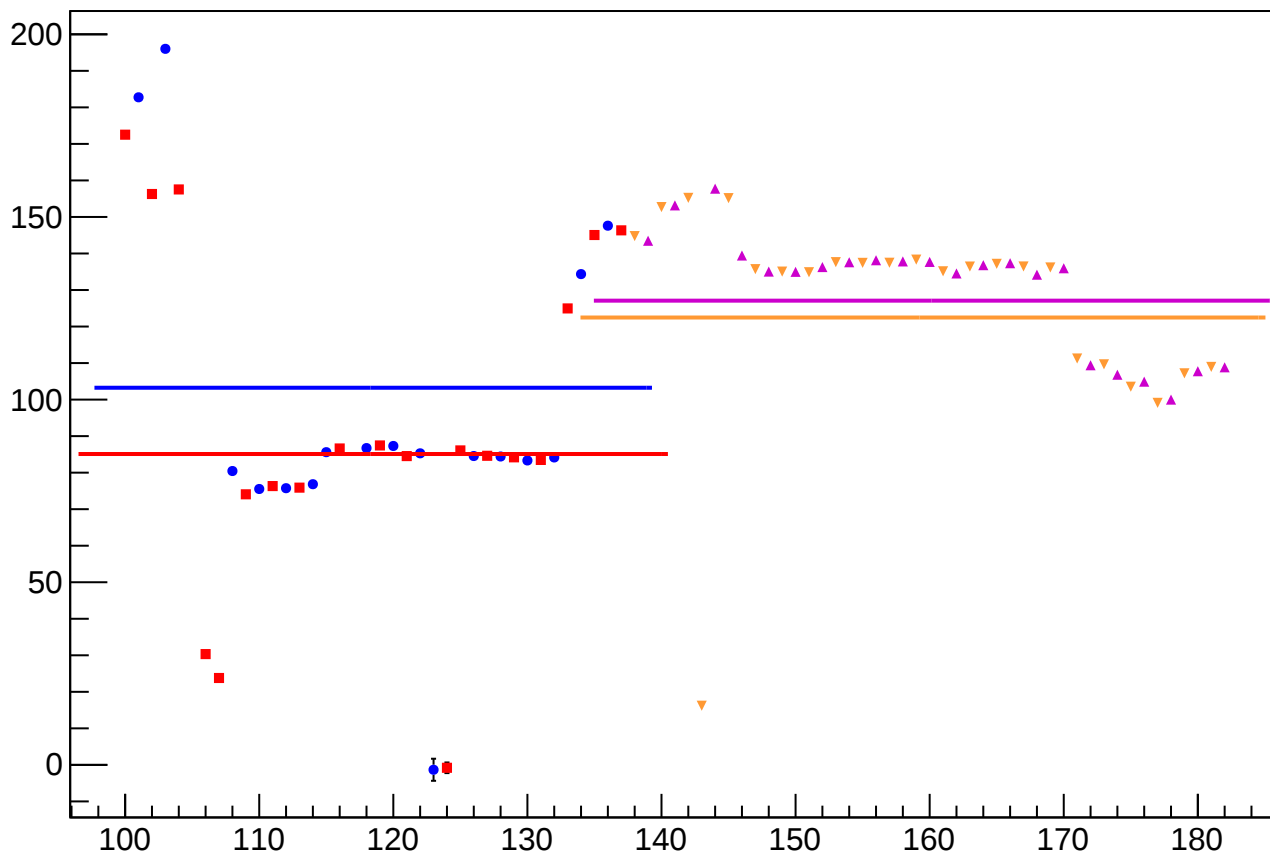
Right: -75.179 ± 0.750 χ^2/NDF : 1275.2/35

In: -77.770 ± 0.684 χ^2/NDF : 907.3/38

Out: -73.145 ± 0.677 χ^2/NDF : 1385.2/41

All: -75.430 ± 0.481 χ^2/NDF : 2315.6/80

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247+/-0.070 χ^2/NDF : 273390.3/16

Left Out: 122.472+/-0.042 χ^2/NDF : 474118.2/22

Right Out: 85.105+/-0.064 χ^2/NDF : 423525.6/18

Left In: 127.087+/-0.042 χ^2/NDF : 160141.6/21

Left: 124.816+/-0.030 χ^2/NDF : 640343.9/44

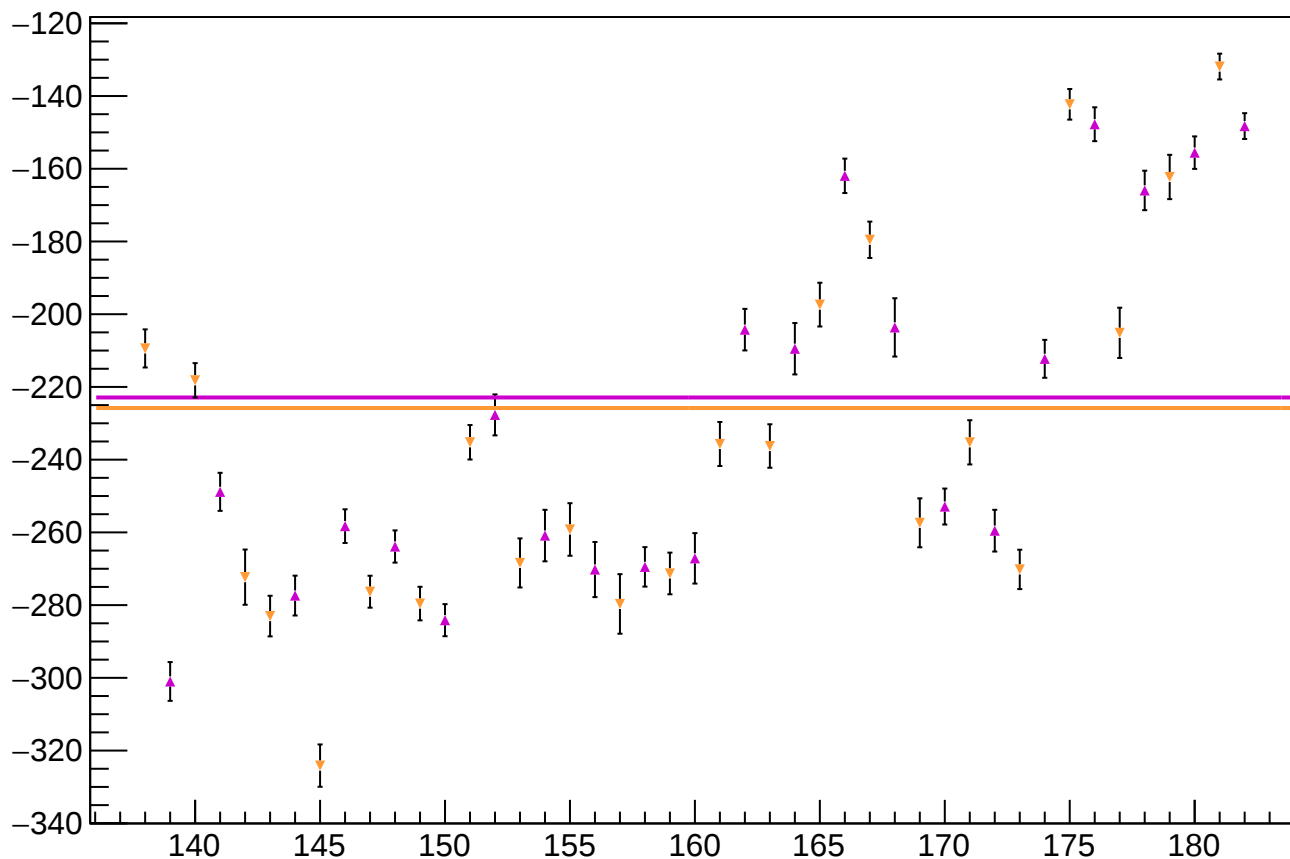
Right: 93.266+/-0.047 χ^2/NDF : 733393.3/35

In: 120.946+/-0.036 χ^2/NDF : 518526.5/38

Out: 111.090+/-0.035 χ^2/NDF : 1136869.7/41

All: 115.935+/-0.025 χ^2/NDF : 1694025.8/80

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -225.797 $\pm$ 1.132 χ^2/NDF :2297.1/22

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -222.899 $\pm$ 1.114 χ^2/NDF :2166.1/21

Left: -224.324 $\pm$ 0.794 χ^2/NDF : 4466.5/44

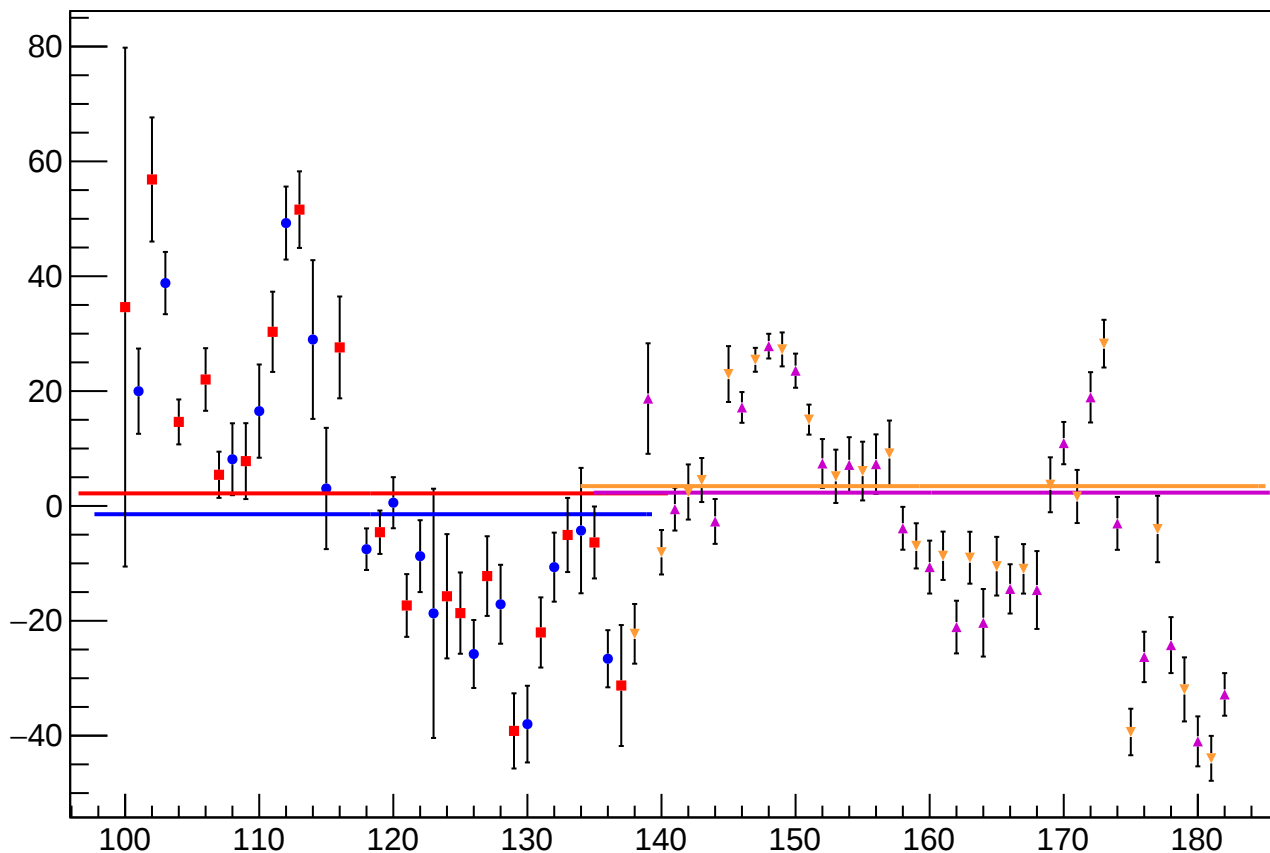
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -222.899 $\pm$ 1.114 χ^2/NDF :2166.1/21

Out: -225.797 $\pm$ 1.132 χ^2/NDF :2297.1/22

All: -224.324 $\pm$ 0.794 χ^2/NDF : 4466.5/44

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 3.453 ± 0.827 χ^2/NDF : 625.0/22

Right Out: 2.188 ± 1.400 χ^2/NDF : 230.7/18

Left In: 2.317 ± 0.840 χ^2/NDF : 586.4/21

Left: 2.894 ± 0.589 χ^2/NDF : 1212.4/44

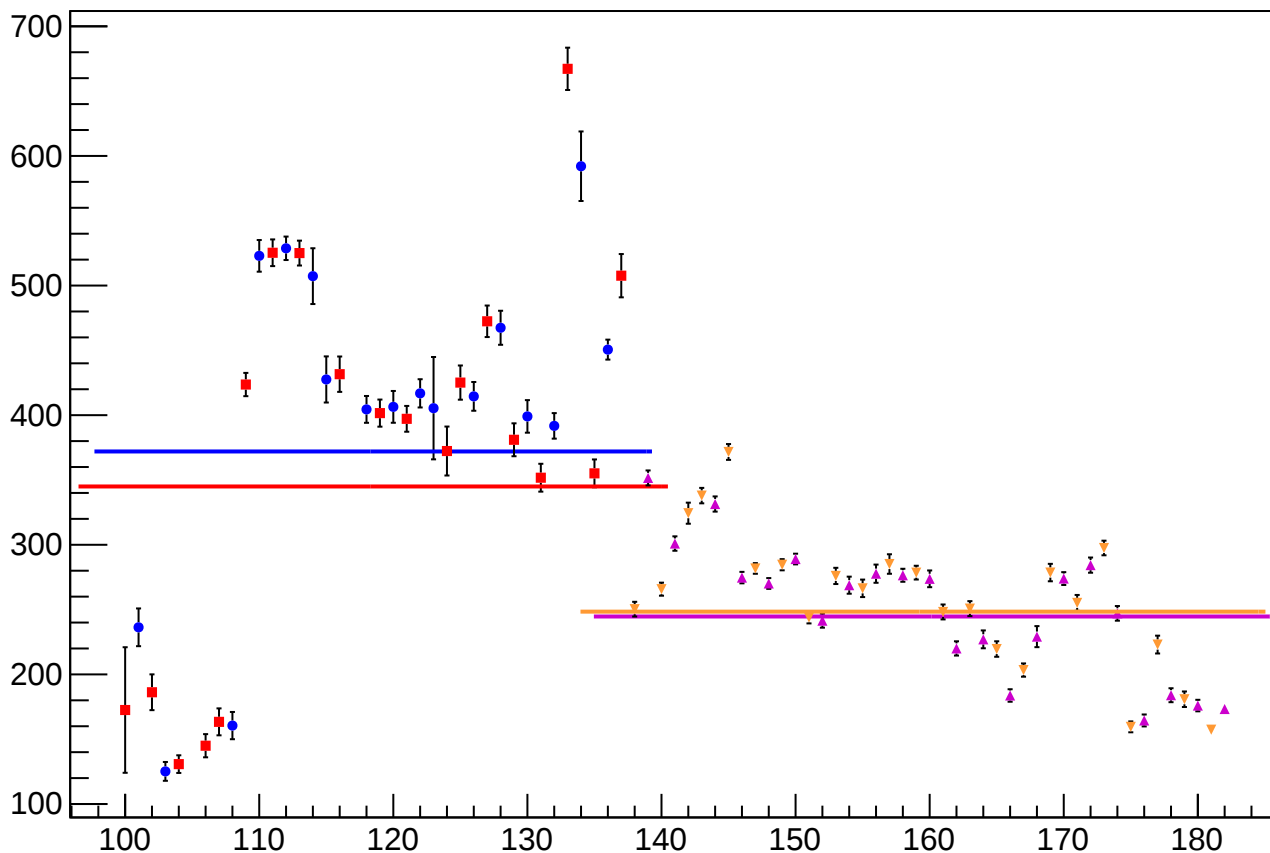
Right: 0.518 ± 1.029 χ^2/NDF : 458.2/35

In: 1.434 ± 0.735 χ^2/NDF : 815.6/38

Out: 3.126 ± 0.712 χ^2/NDF : 856.3/41

All: 2.307 ± 0.511 χ^2/NDF : 1674.6/80

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 248.425 $\pm$ 1.126 χ^2 /NDF:2348.3/22

Right Out: 344.990 $\pm$ 2.561 χ^2 /NDF: 3414.4/18

Left In: 244.675 $\pm$ 1.104 χ^2 /NDF:2276.8/21

Left: 246.513 $\pm$ 0.788 χ^2 /NDF: 4630.7/44

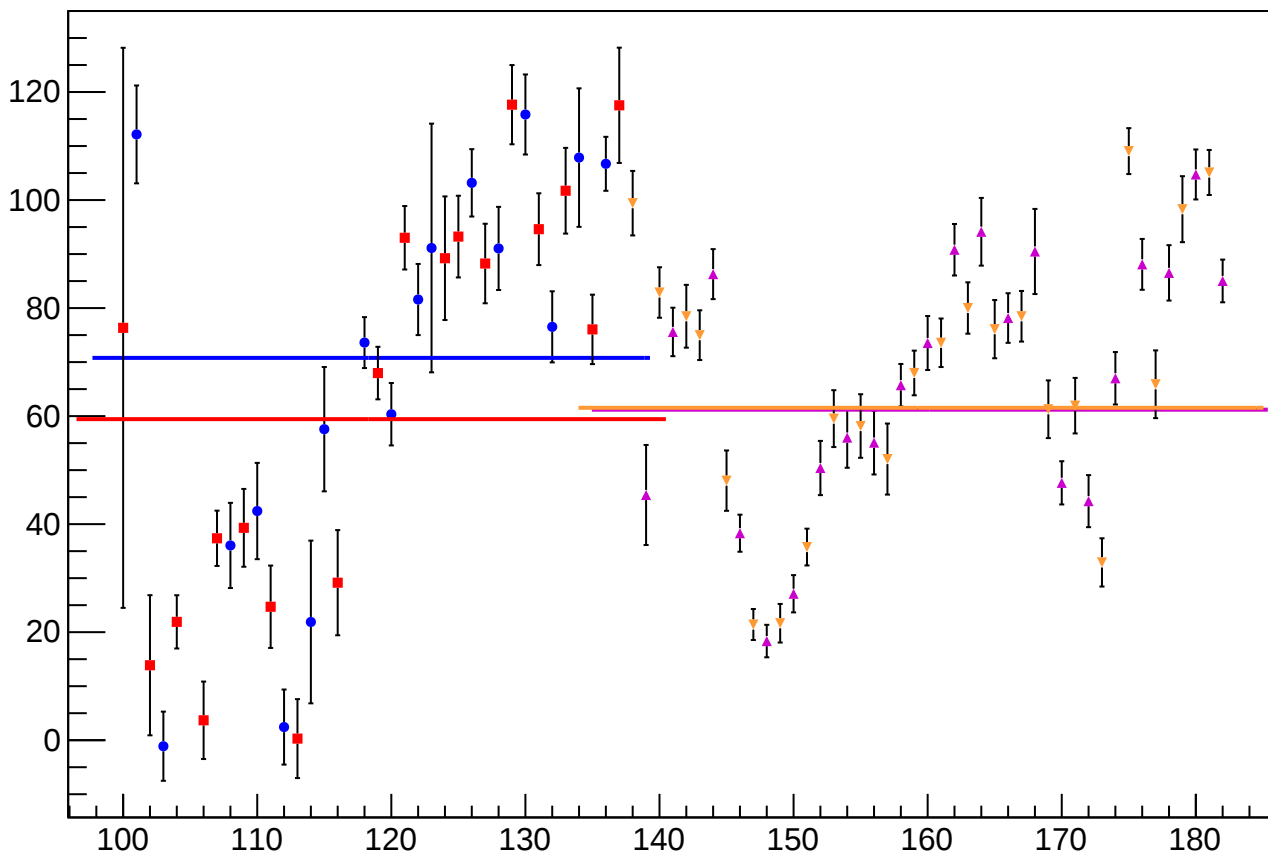
Right: 357.461 $\pm$ 1.879 χ^2 /NDF: 5896.9/35

In: 262.185 $\pm$ 1.025 χ^2 /NDF:6537.1/38

Out: 264.065 $\pm$ 1.031 χ^2 /NDF:6954.3/41

All: 263.120 $\pm$ 0.727 χ^2 /NDF: 13493.1/80

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 70.780 $\pm$ 1.747 χ^2/NDF : 423.9/16

Left Out: 61.542 $\pm$ 0.964 χ^2/NDF :820.7/22

Right Out: 59.438 $\pm$ 1.631 χ^2/NDF : 486.7/18

Left In: 61.190 $\pm$ 0.968 χ^2/NDF :702.3/21

Left: 61.367 $\pm$ 0.683 χ^2/NDF : 1523.0/44

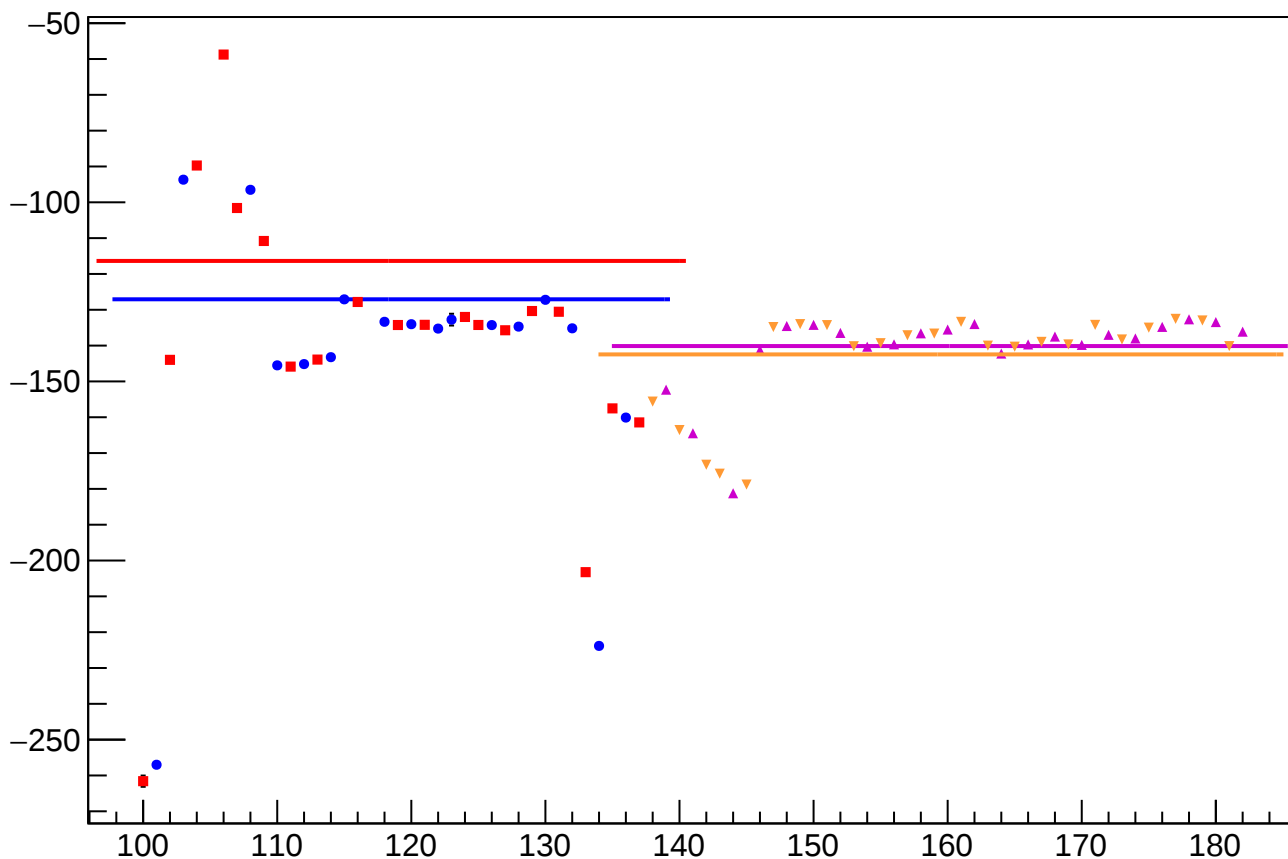
Right: 64.722 $\pm$ 1.192 χ^2/NDF : 933.1/35

In: 63.443 $\pm$ 0.847 χ^2/NDF :1149.3/38

Out: 60.997 $\pm$ 0.830 χ^2/NDF :1308.6/41

All: 62.196 $\pm$ 0.593 χ^2/NDF : 2462.1/80

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -142.460+/-0.046 χ^2/NDF : 78612.9/22

Right Out: -116.365+/-0.083 χ^2/NDF : 167555.3/18

Left In: -140.129+/-0.045 χ^2/NDF : 48394.0/21

Left: -141.269+/-0.032 χ^2/NDF : 128299.7/44

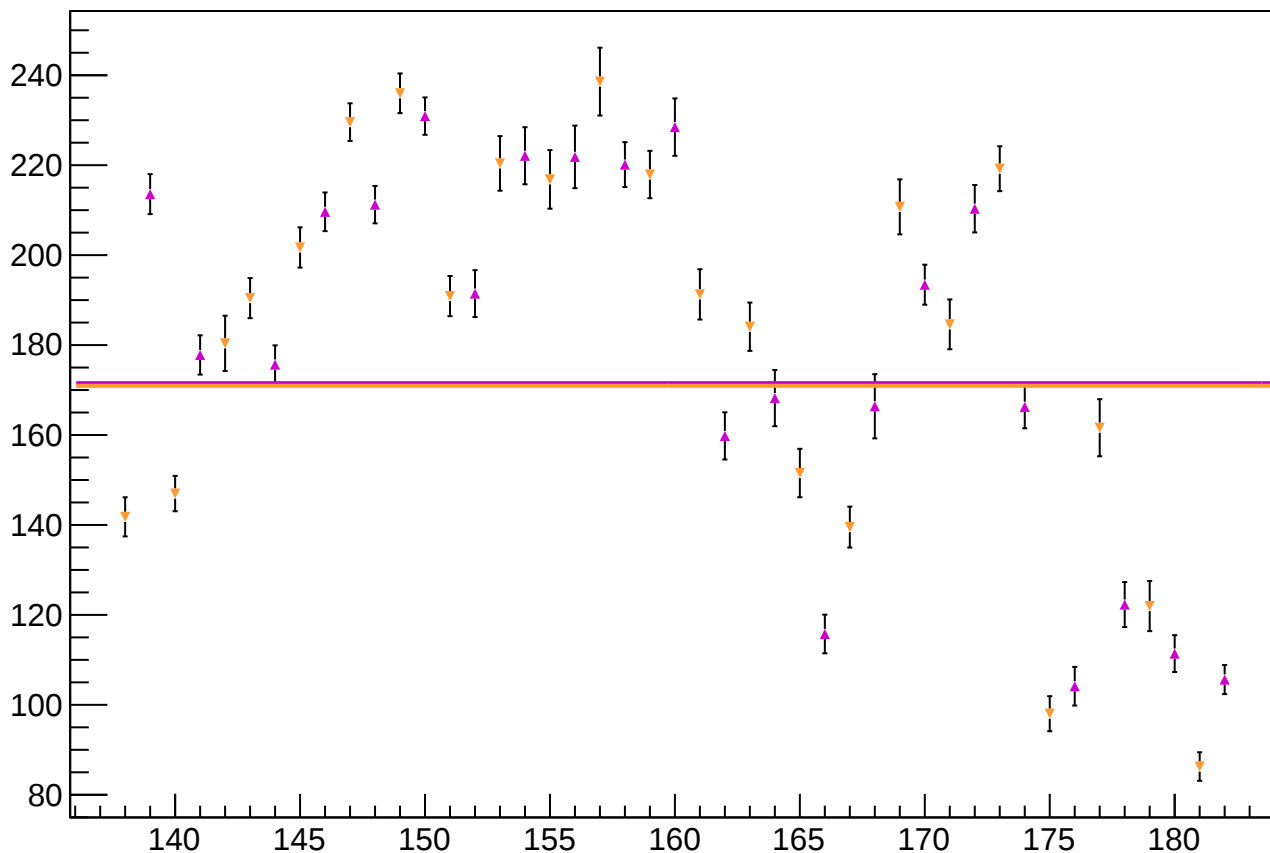
Right: -121.310+/-0.061 χ^2/NDF : 342291.2/35

In: -137.466+/-0.040 χ^2/NDF : 232343.3/38

Out: -136.245+/-0.040 χ^2/NDF : 321653.1/41

All: -136.856+/-0.029 χ^2/NDF : 554452.3/80

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Left: 171.238+/-0.713 χ^2/NDF : 4221.3/44

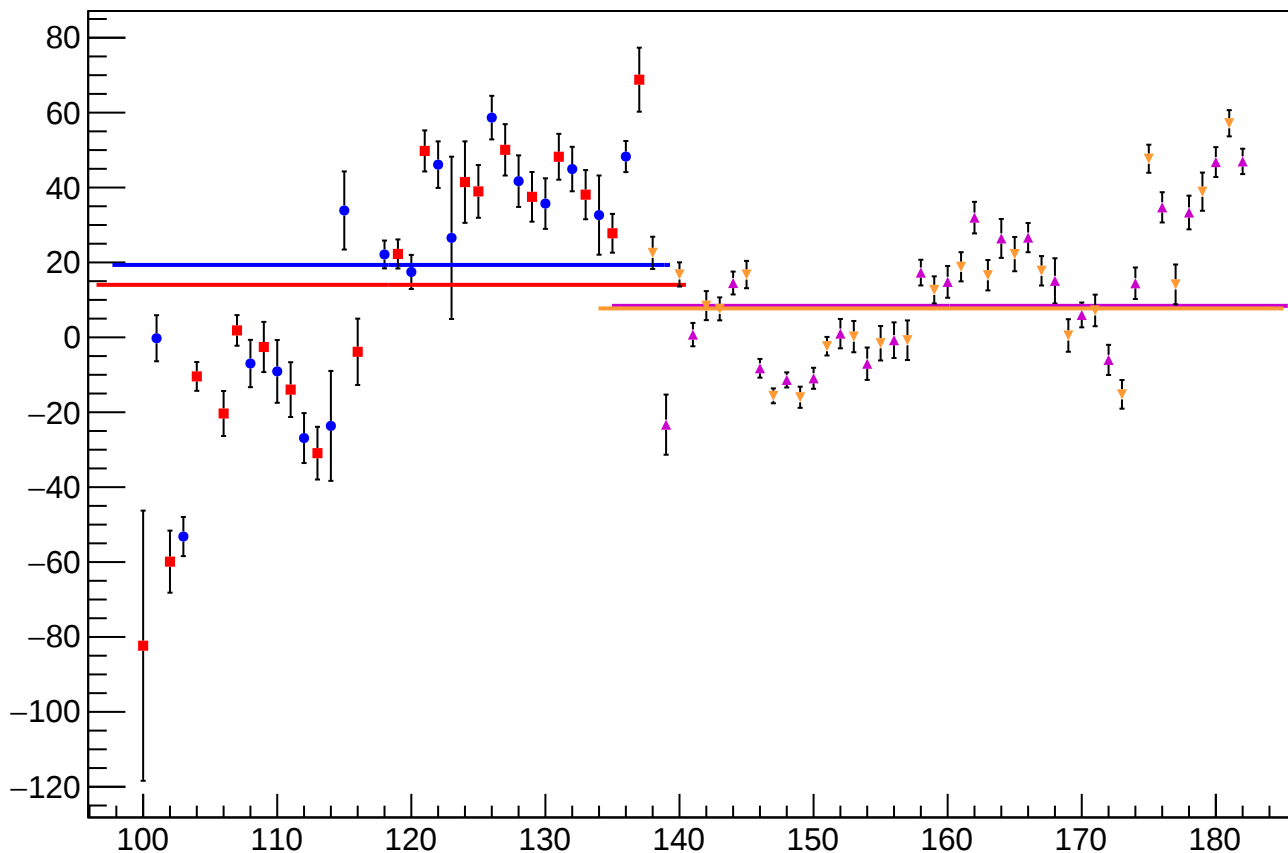
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 171.535+/-1.005 χ^2/NDF :1997.2/21

Out: 170.938+/-1.011 χ^2/NDF :2224.0/22

All: 171.238+/-0.713 χ^2/NDF : 4221.3/44

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 $\pm$ 1.482 χ^2 /NDF: 439.8/16

Left Out: 7.723 $\pm$ 0.745 χ^2 /NDF: 683.6/22

Right Out: 14.018 $\pm$ 1.390 χ^2 /NDF: 433.2/18

Left In: 8.411 $\pm$ 0.763 χ^2 /NDF: 619.6/21

Left: 8.059 $\pm$ 0.533 χ^2 /NDF: 1303.6/44

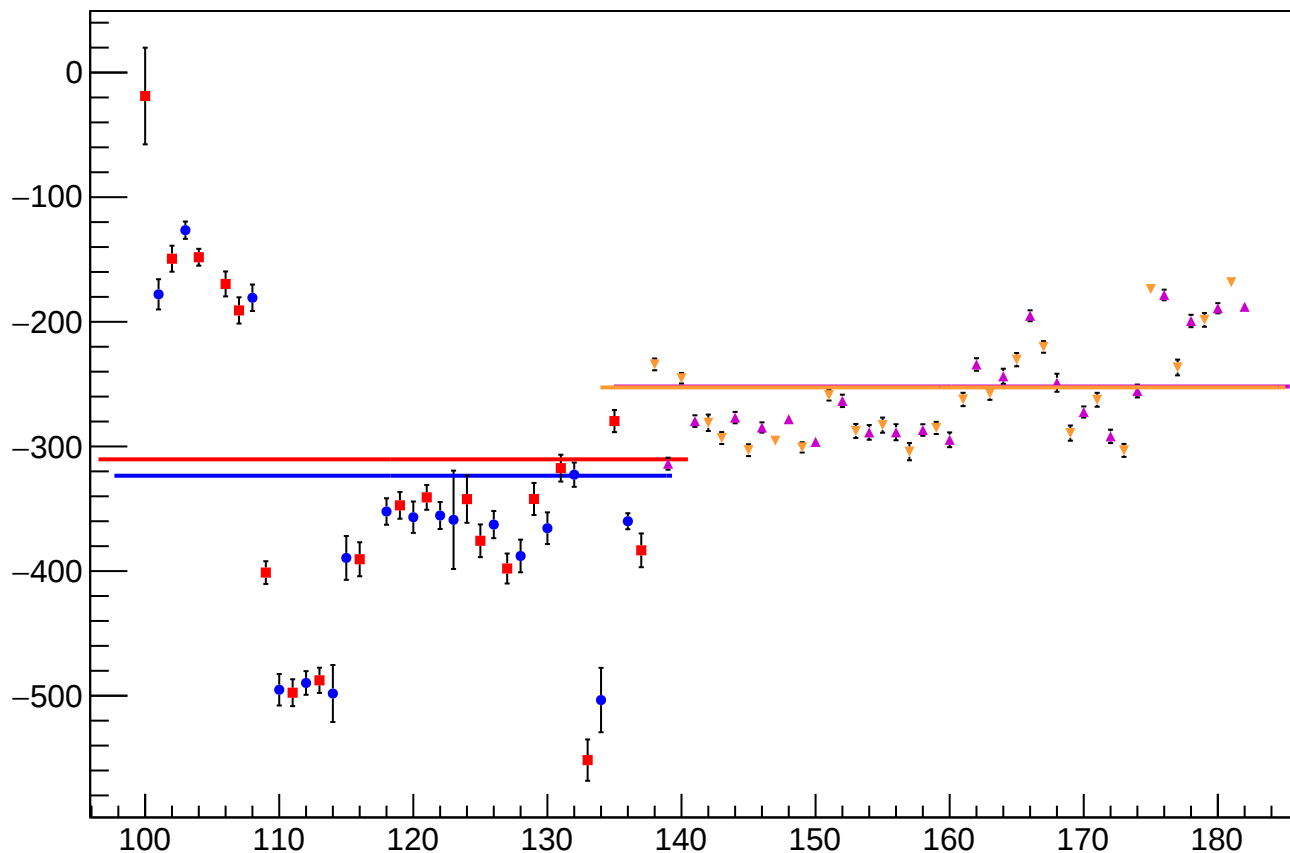
Right: 16.507 $\pm$ 1.014 χ^2 /NDF: 879.9/35

In: 10.700 $\pm$ 0.678 χ^2 /NDF: 1102.4/38

Out: 9.129 $\pm$ 0.657 χ^2 /NDF: 1132.7/41

All: 9.889 $\pm$ 0.472 χ^2 /NDF: 2237.8/80

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: -252.616 ± 1.010 χ^2/NDF : 2018.5/22

Right Out: -310.336 ± 2.522 χ^2/NDF : 2300.5/18

Left In: -251.901 ± 0.999 χ^2/NDF : 1926.2/21

Left: -252.255 ± 0.710 χ^2/NDF : 3945.0/44

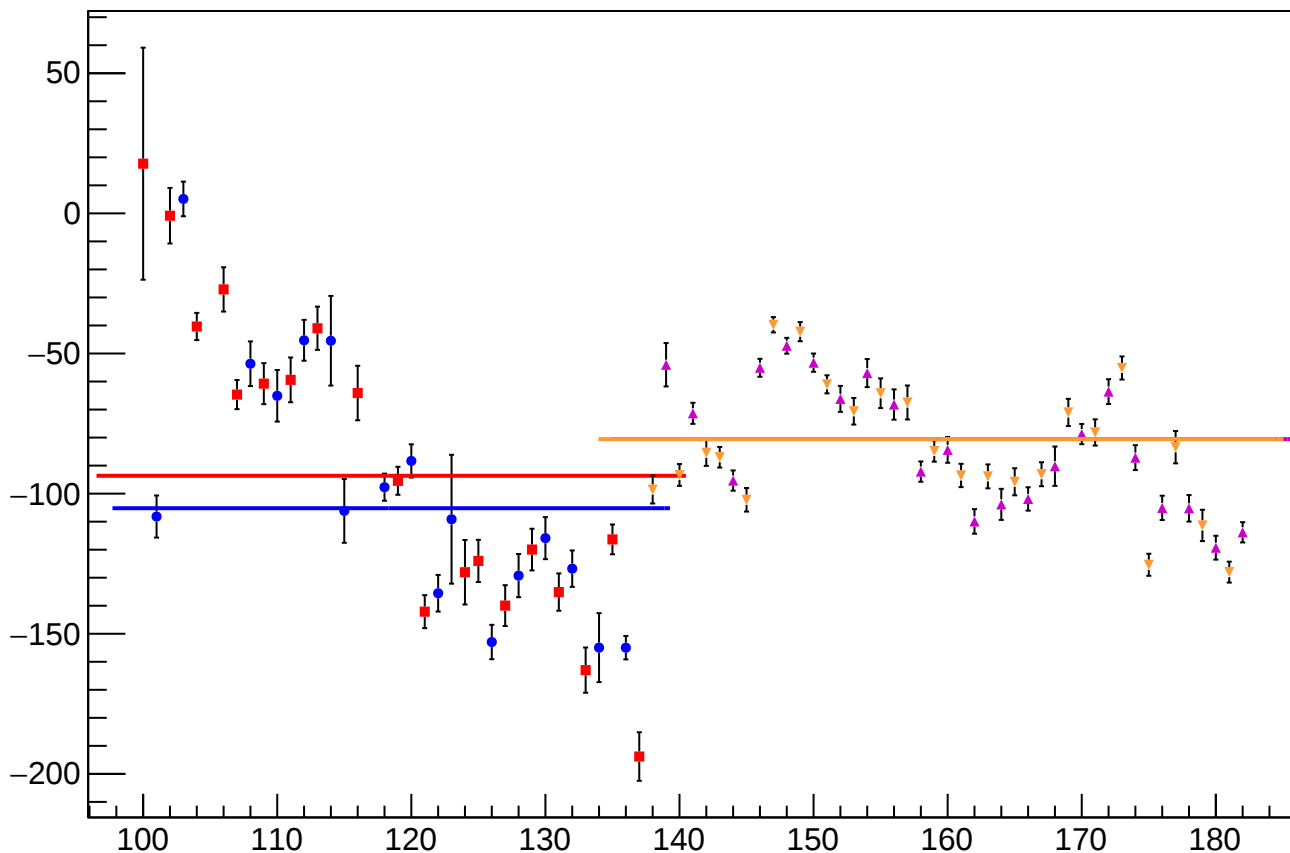
Right: -316.531 ± 1.834 χ^2/NDF : 4160.9/35

In: -260.683 ± 0.936 χ^2/NDF : 4403.2/38

Out: -260.597 ± 0.938 χ^2/NDF : 4770.5/41

All: -260.640 ± 0.662 χ^2/NDF : 9173.8/80

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203+/-1.697 χ^2 /NDF: 735.6/16

Left Out: -80.545+/-0.867 χ^2 /NDF:862.1/22

Right Out: -93.625+/-1.610 χ^2 /NDF: 822.7/18

Left In: -80.527+/-0.878 χ^2 /NDF:690.2/21

Left: -80.536+/-0.617 χ^2 /NDF: 1552.3/44

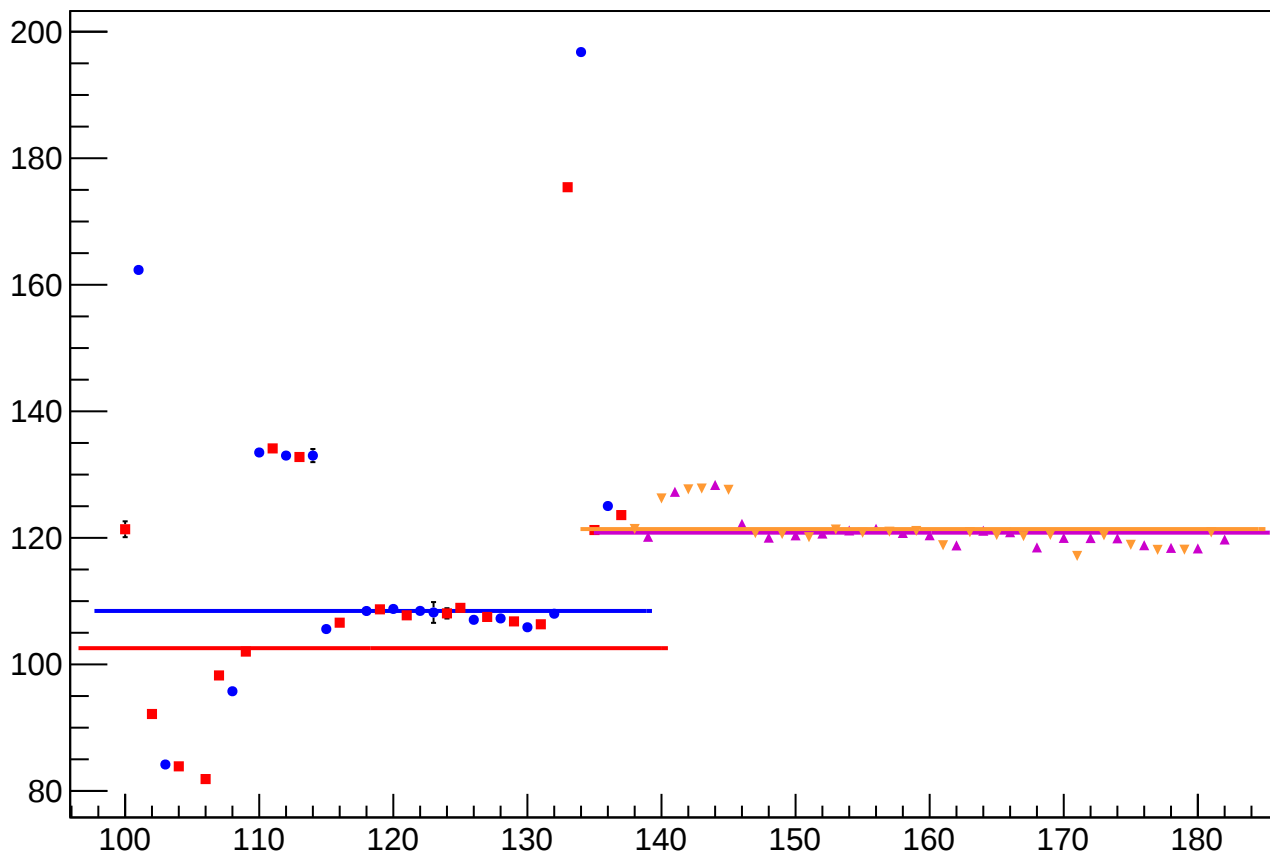
Right: -99.110+/-1.168 χ^2 /NDF: 1582.8/35

In: -85.740+/-0.780 χ^2 /NDF:1592.6/38

Out: -83.485+/-0.763 χ^2 /NDF:1736.0/41

All: -84.588+/-0.545 χ^2 /NDF: 3332.9/80

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 121.389 $\pm$ 0.042 χ^2 /NDF: 4834.7/22

Right Out: 102.566 $\pm$ 0.079 χ^2 /NDF: 53135.3/18

Left In: 120.822 $\pm$ 0.041 χ^2 /NDF: 3368.0/21

Left: 121.102 $\pm$ 0.029 χ^2 /NDF: 8297.4/44

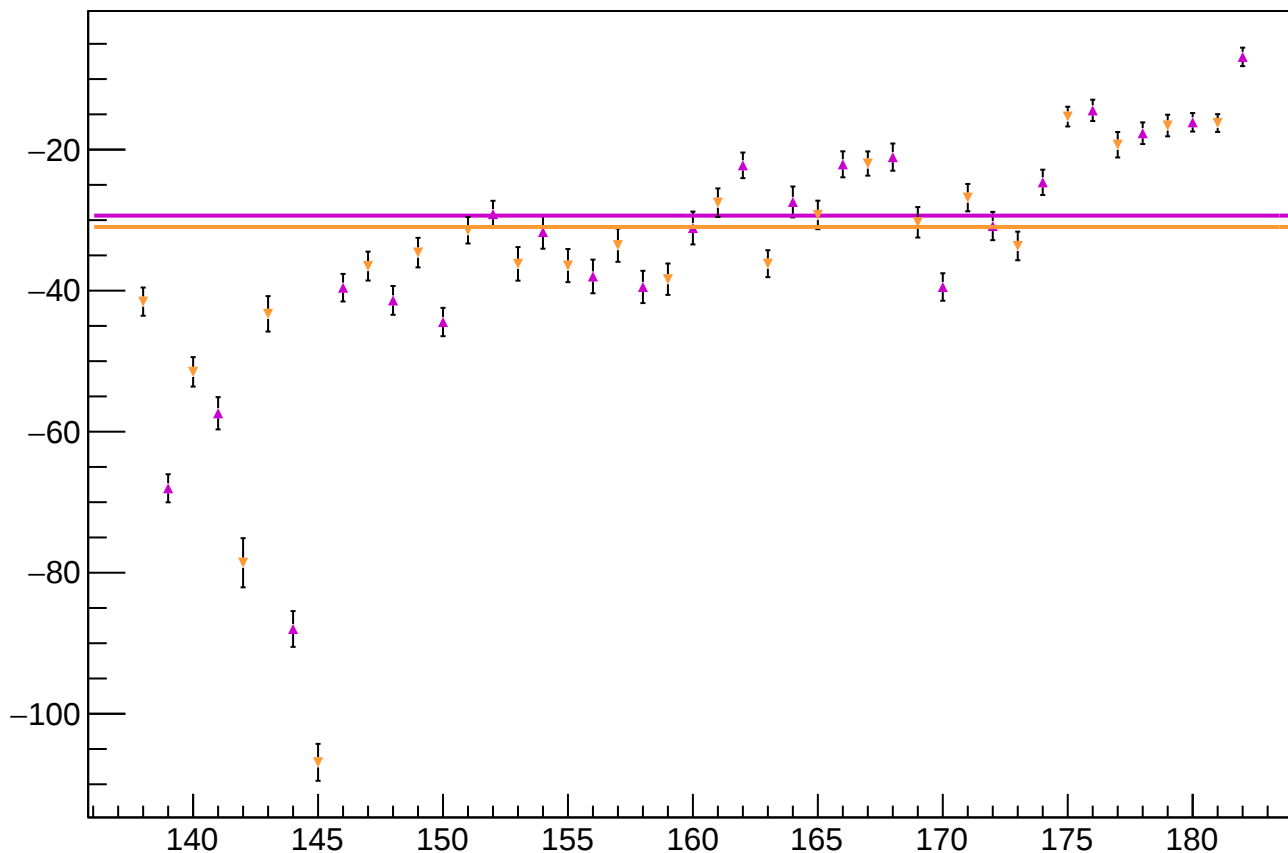
Right: 105.316 $\pm$ 0.058 χ^2 /NDF: 128963.5/35

In: 118.480 $\pm$ 0.037 χ^2 /NDF: 93898.1/38

Out: 117.350 $\pm$ 0.037 χ^2 /NDF: 102066.7/41

All: 117.914 $\pm$ 0.026 χ^2 /NDF: 196435.1/80

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: -30.974+/-0.407 χ^2/NDF :1645.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -29.363+/-0.399 χ^2/NDF :1852.0/21

Left: -30.153+/-0.285 χ^2/NDF : 3505.2/44

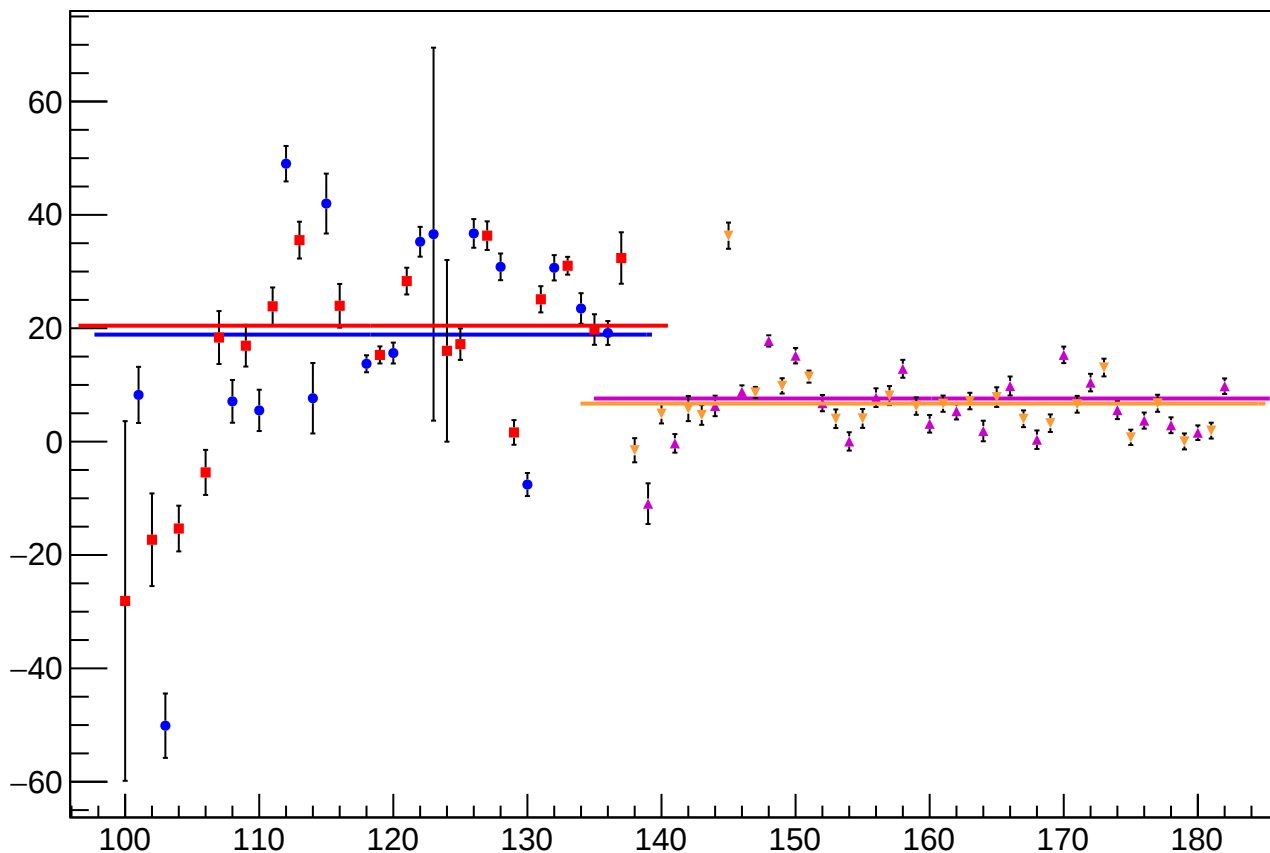
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -29.363+/-0.399 χ^2/NDF :1852.0/21

Out: -30.974+/-0.407 χ^2/NDF :1645.2/22

All: -30.153+/-0.285 χ^2/NDF : 3505.2/44

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: 6.716 ± 0.311 χ^2/NDF : 296.0/22

Right Out: 20.454 ± 0.643 χ^2/NDF : 364.8/18

Left In: 7.603 ± 0.315 χ^2/NDF : 338.6/21

Left: 7.154 ± 0.222 χ^2/NDF : 638.7/44

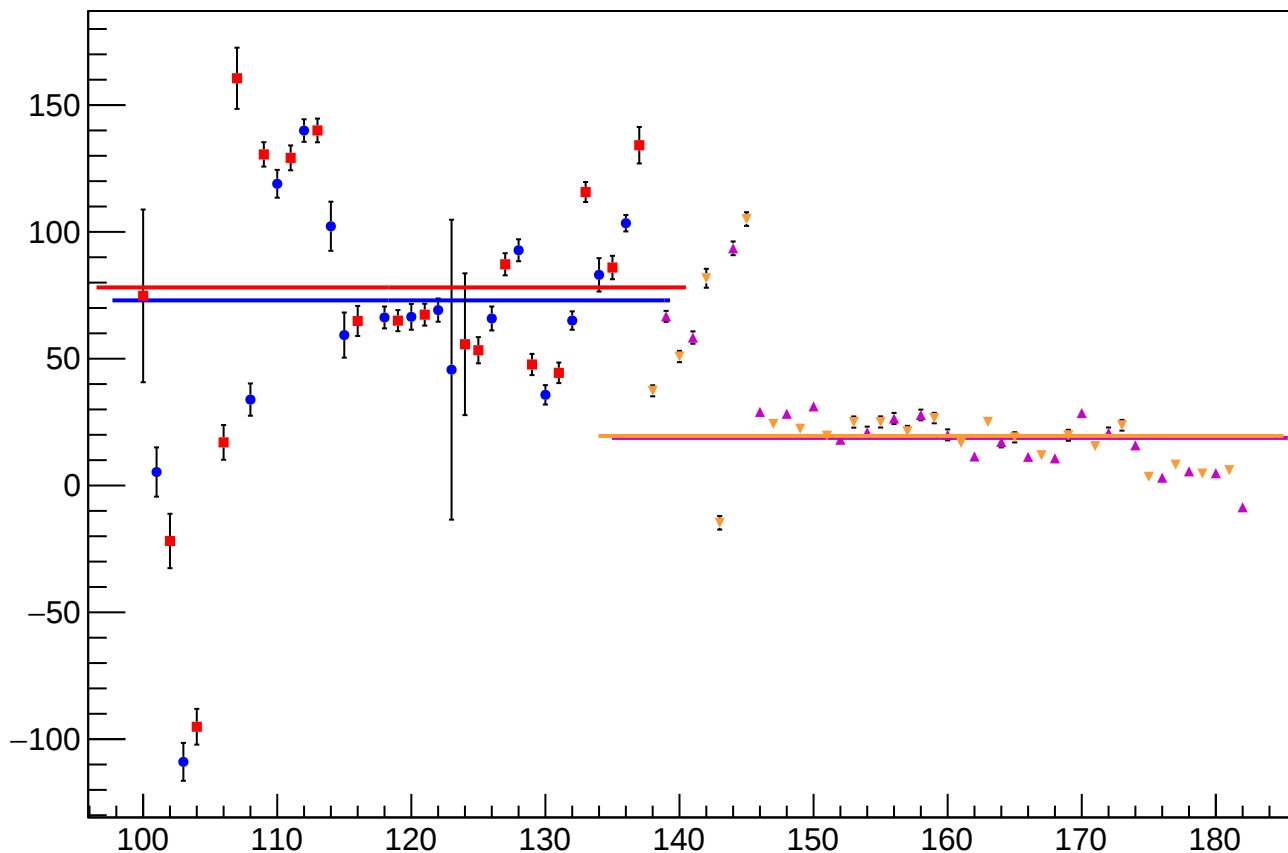
Right: 19.666 ± 0.455 χ^2/NDF : 988.3/35

In: 9.780 ± 0.283 χ^2/NDF : 1206.0/38

Out: 9.324 ± 0.280 χ^2/NDF : 1030.1/41

All: 9.549 ± 0.199 χ^2/NDF : 2237.5/80

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: 19.548 $\pm$ 0.404 χ^2 /NDF:2153.7/22

Right Out: 78.114 $\pm$ 1.223 χ^2 /NDF: 1546.8/18

Left In: 18.772 $\pm$ 0.396 χ^2 /NDF:2433.8/21

Left: 19.152 $\pm$ 0.283 χ^2 /NDF: 4589.4/44

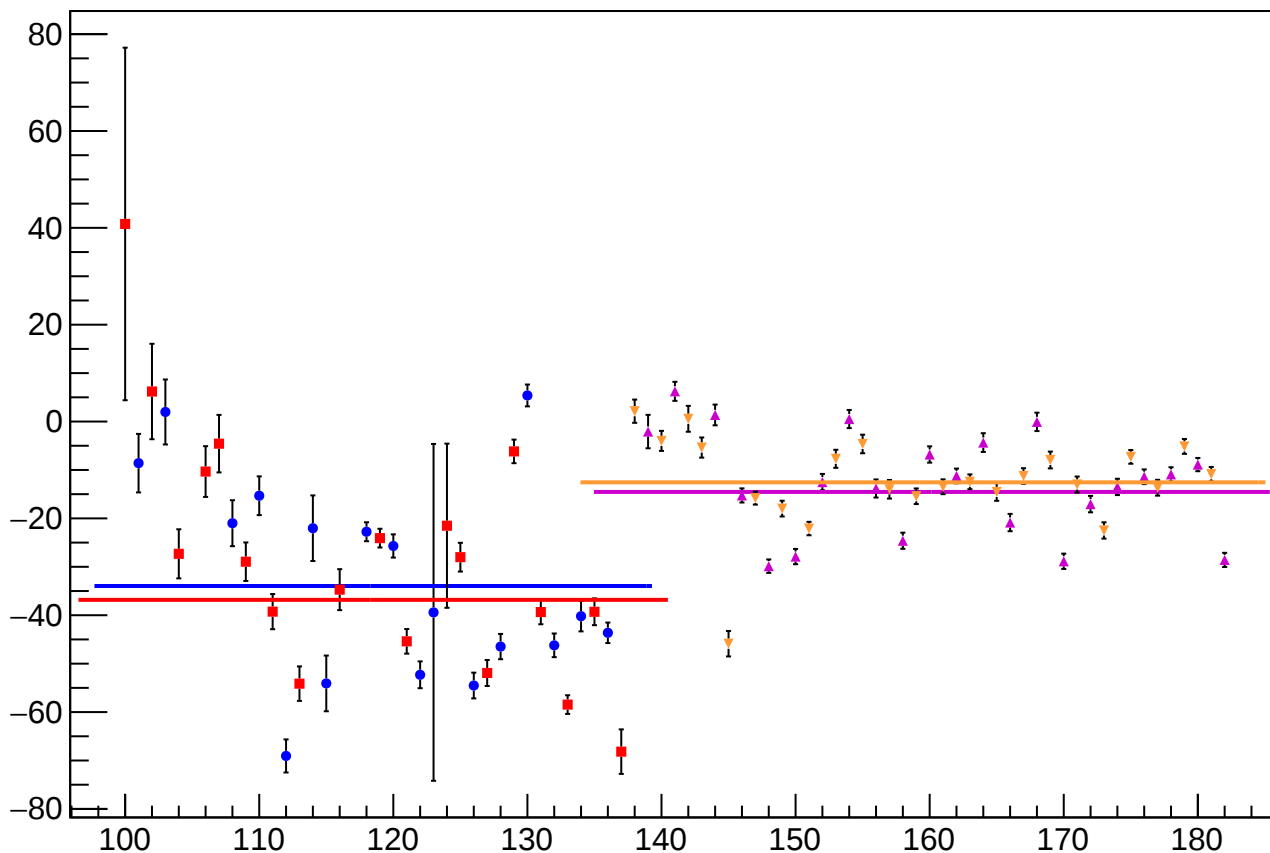
Right: 75.567 $\pm$ 0.867 χ^2 /NDF: 2761.0/35

In: 23.862 $\pm$ 0.377 χ^2 /NDF:5400.0/38

Out: 25.300 $\pm$ 0.383 χ^2 /NDF:5768.3/41

All: 24.568 $\pm$ 0.269 χ^2 /NDF: 11175.4/80

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 χ^2/NDF : 721.9/16

Left Out: -12.555 ± 0.355 χ^2/NDF : 426.1/22

Right Out: -36.824 ± 0.737 χ^2/NDF : 539.9/18

Left In: -14.538 ± 0.356 χ^2/NDF : 804.8/21

Left: -13.543 ± 0.252 χ^2/NDF : 1246.4/44

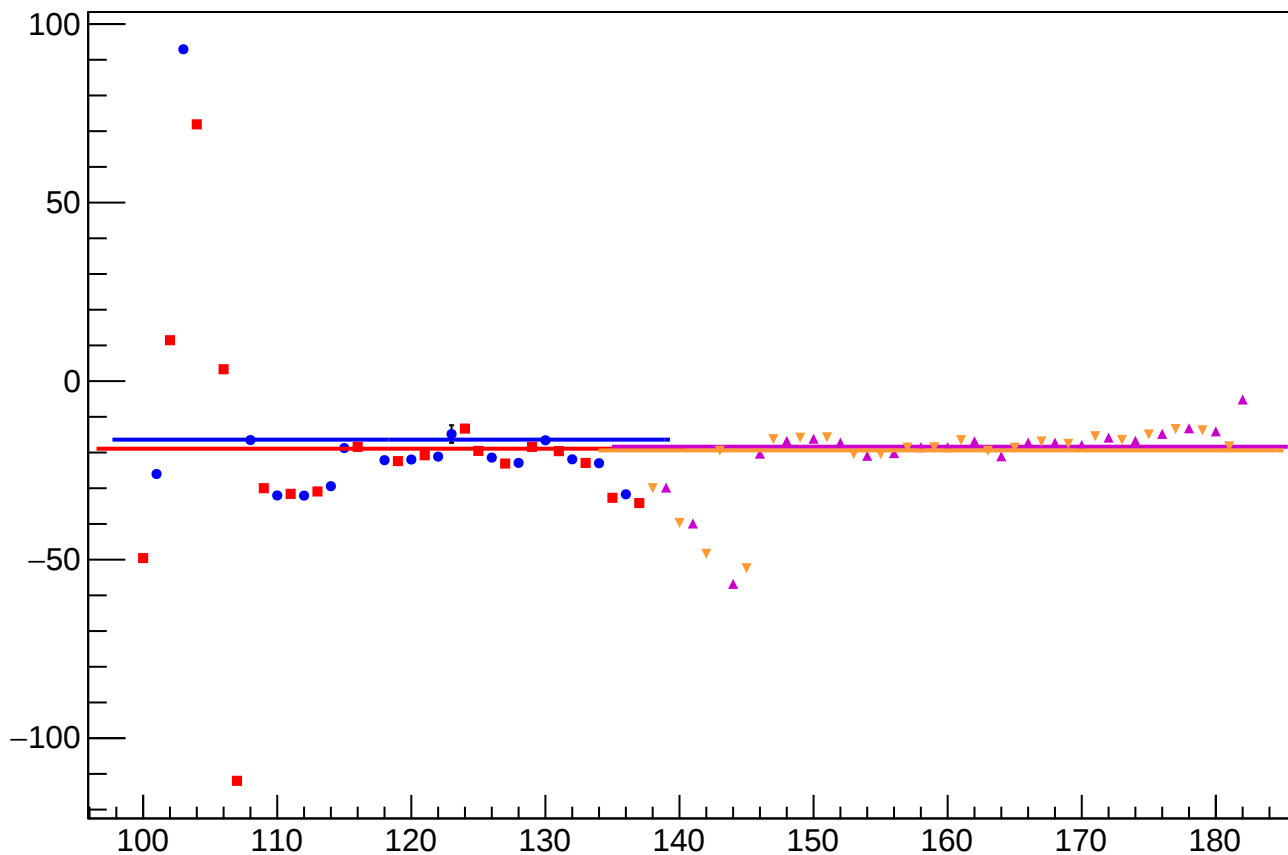
Right: -35.396 ± 0.521 χ^2/NDF : 1269.3/35

In: -18.215 ± 0.321 χ^2/NDF : 2089.1/38

Out: -17.130 ± 0.320 χ^2/NDF : 1846.4/41

All: -17.671 ± 0.227 χ^2/NDF : 3941.3/80

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: -19.410 ± 0.016 $\chi^2/\text{NDF}: 224705.0/22$

Right Out: -18.925 ± 0.045 $\chi^2/\text{NDF}: 434146.0/18$

Left In: -18.373 ± 0.016 $\chi^2/\text{NDF}: 234871.4/21$

Left: -18.883 ± 0.012 $\chi^2/\text{NDF}: 461596.6/44$

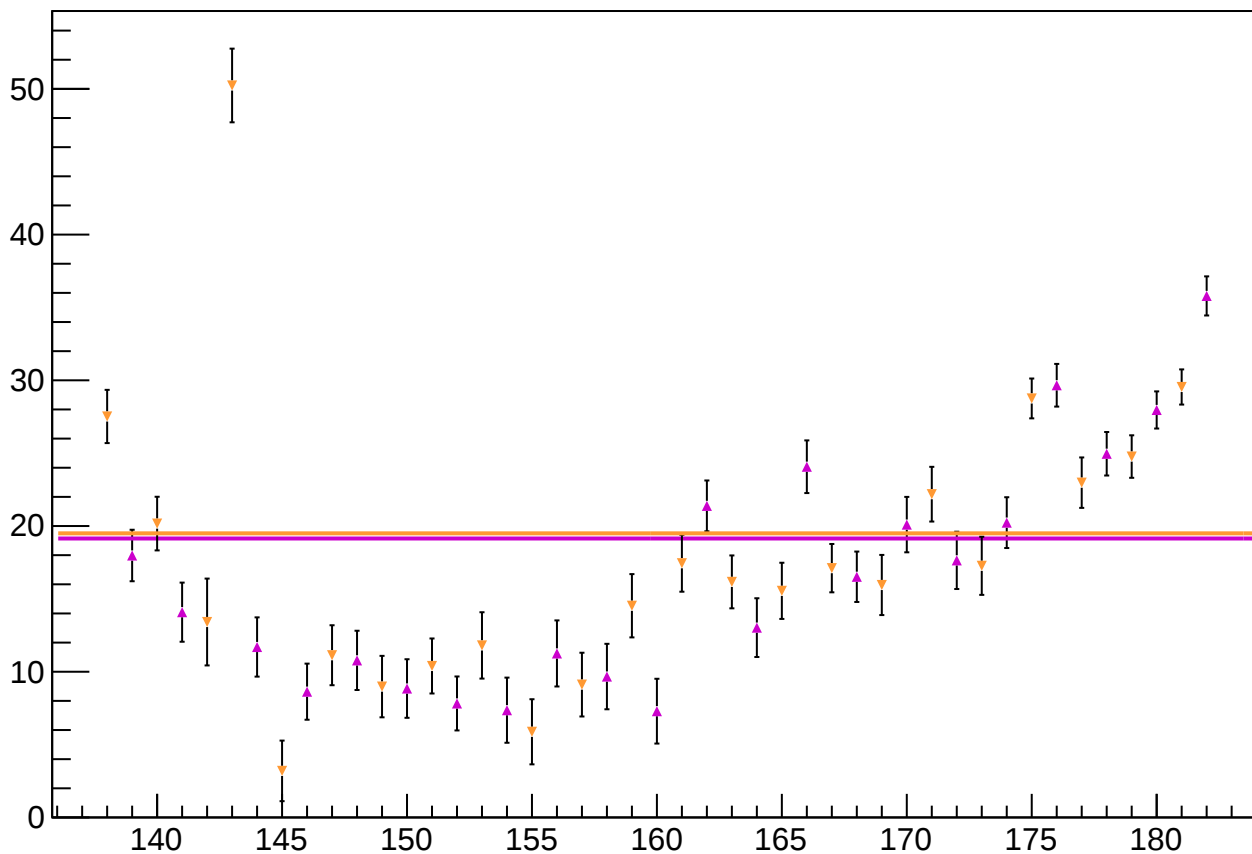
Right: -17.633 ± 0.032 $\chi^2/\text{NDF}: 910044.8/35$

In: -18.140 ± 0.015 $\chi^2/\text{NDF}: 710931.3/38$

Out: -19.353 ± 0.015 $\chi^2/\text{NDF}: 658952.5/41$

All: -18.737 ± 0.011 $\chi^2/\text{NDF}: 1373013.1/80$

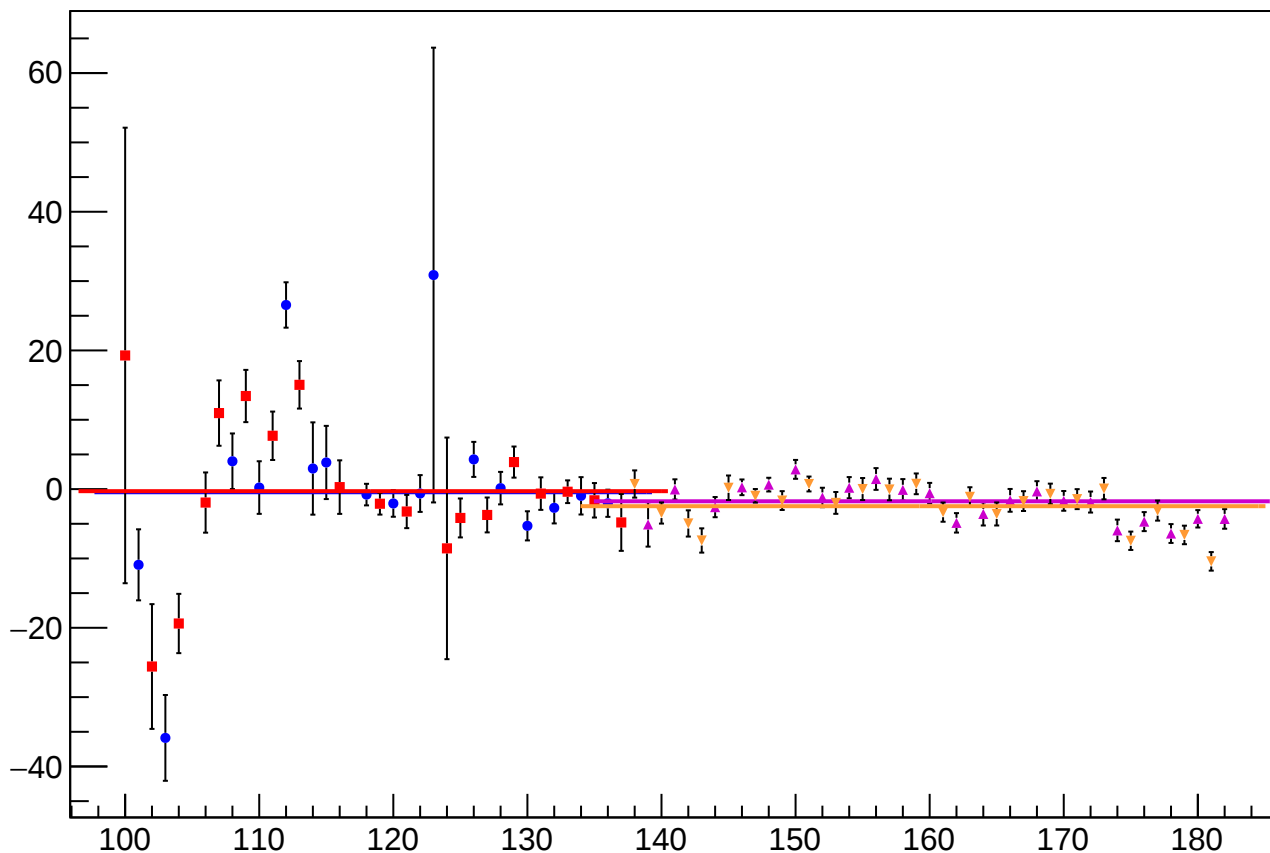
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 19.498+/-0.388 χ^2/NDF :523.1/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.144+/-0.383 χ^2/NDF :506.8/21

Left: 19.318+/-0.273 χ^2/NDF : 1030.4/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.144+/-0.383 χ^2/NDF :506.8/21
 Out: 19.498+/-0.388 χ^2/NDF :523.1/22
 All: 19.318+/-0.273 χ^2/NDF : 1030.4/44

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: -2.463 ± 0.299 χ^2/NDF : 102.3/22

Right Out: -0.297 ± 0.657 χ^2/NDF : 84.5/18

Left In: -1.754 ± 0.304 χ^2/NDF : 69.0/21

Left: -2.114 ± 0.213 χ^2/NDF : 174.1/44

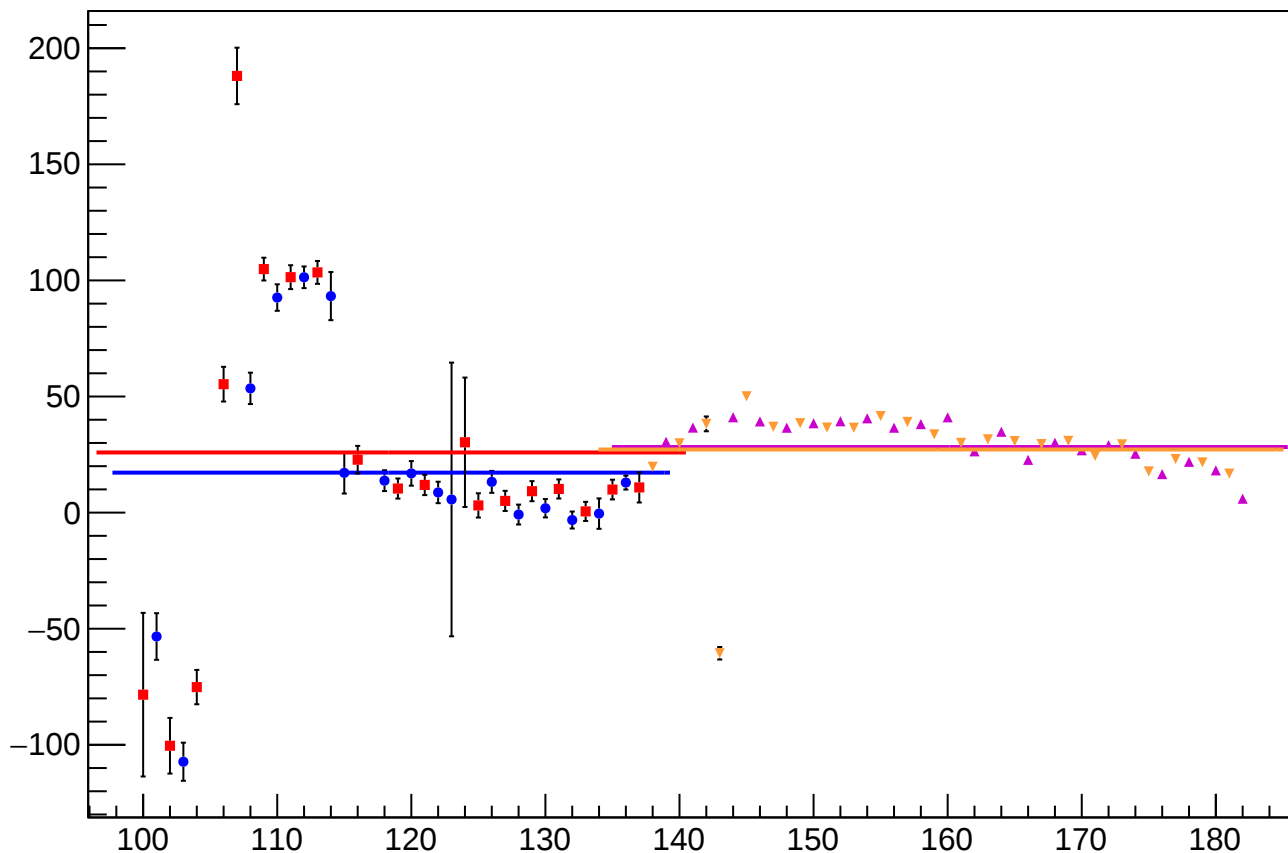
Right: -0.375 ± 0.464 χ^2/NDF : 204.0/35

In: -1.524 ± 0.275 χ^2/NDF : 191.8/38

Out: -2.091 ± 0.272 χ^2/NDF : 195.7/41

All: -1.810 ± 0.194 χ^2/NDF : 389.7/80

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218+/-1.241 χ^2 /NDF: 940.1/16

Left Out: 27.186+/-0.386 χ^2 /NDF:1554.2/22

Right Out: 25.902+/-1.243 χ^2 /NDF: 1374.8/18

Left In: 28.245+/-0.381 χ^2 /NDF:714.4/21

Left: 27.723+/-0.271 χ^2 /NDF: 2272.4/44

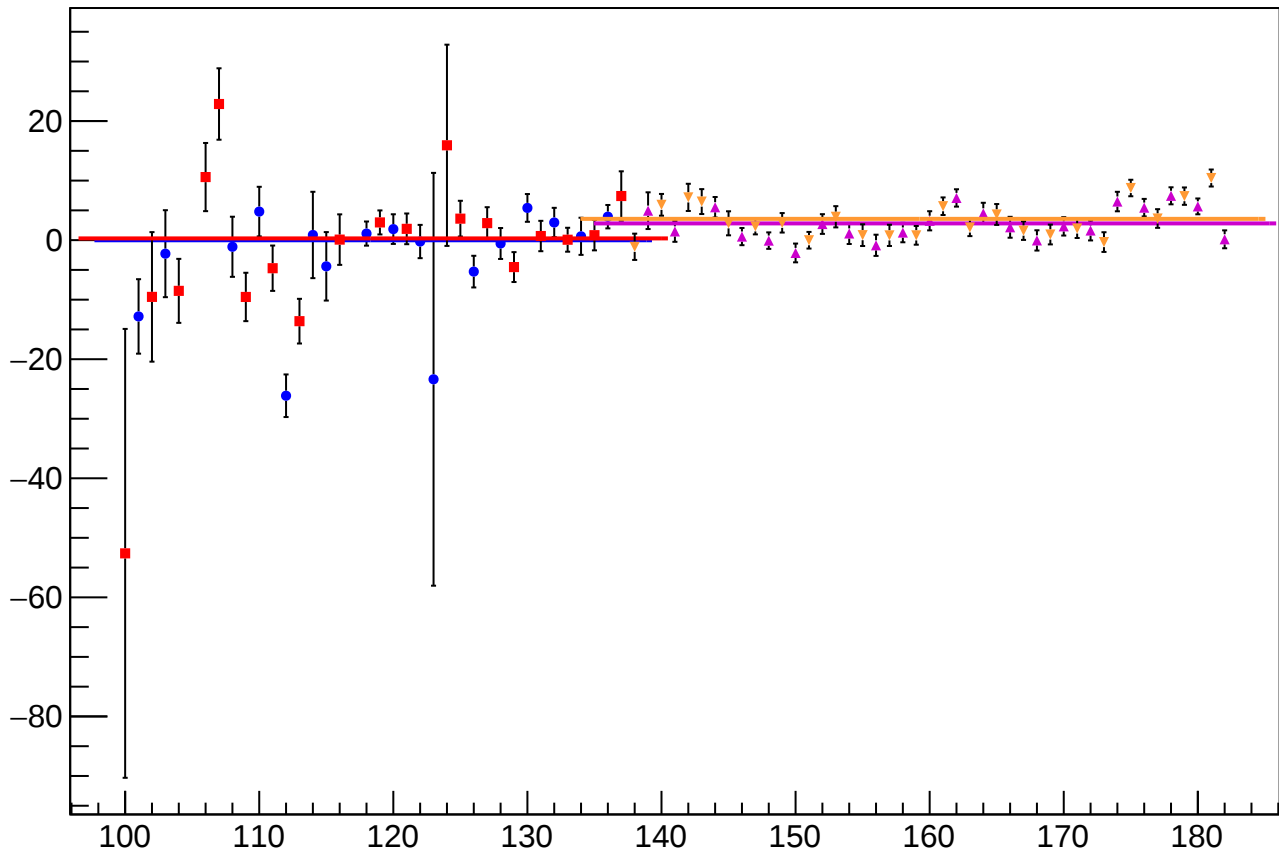
Right: 21.552+/-0.878 χ^2 /NDF: 2339.3/35

In: 27.297+/-0.364 χ^2 /NDF:1726.7/38

Out: 27.073+/-0.369 χ^2 /NDF:2930.0/41

All: 27.186+/-0.259 χ^2 /NDF: 4656.8/80

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 3.575 ± 0.341 χ^2/NDF : 84.0/22

Right Out: 0.290 ± 0.749 χ^2/NDF : 56.1/18

Left In: 2.810 ± 0.343 χ^2/NDF : 65.9/21

Left: 3.195 ± 0.242 χ^2/NDF : 152.4/44

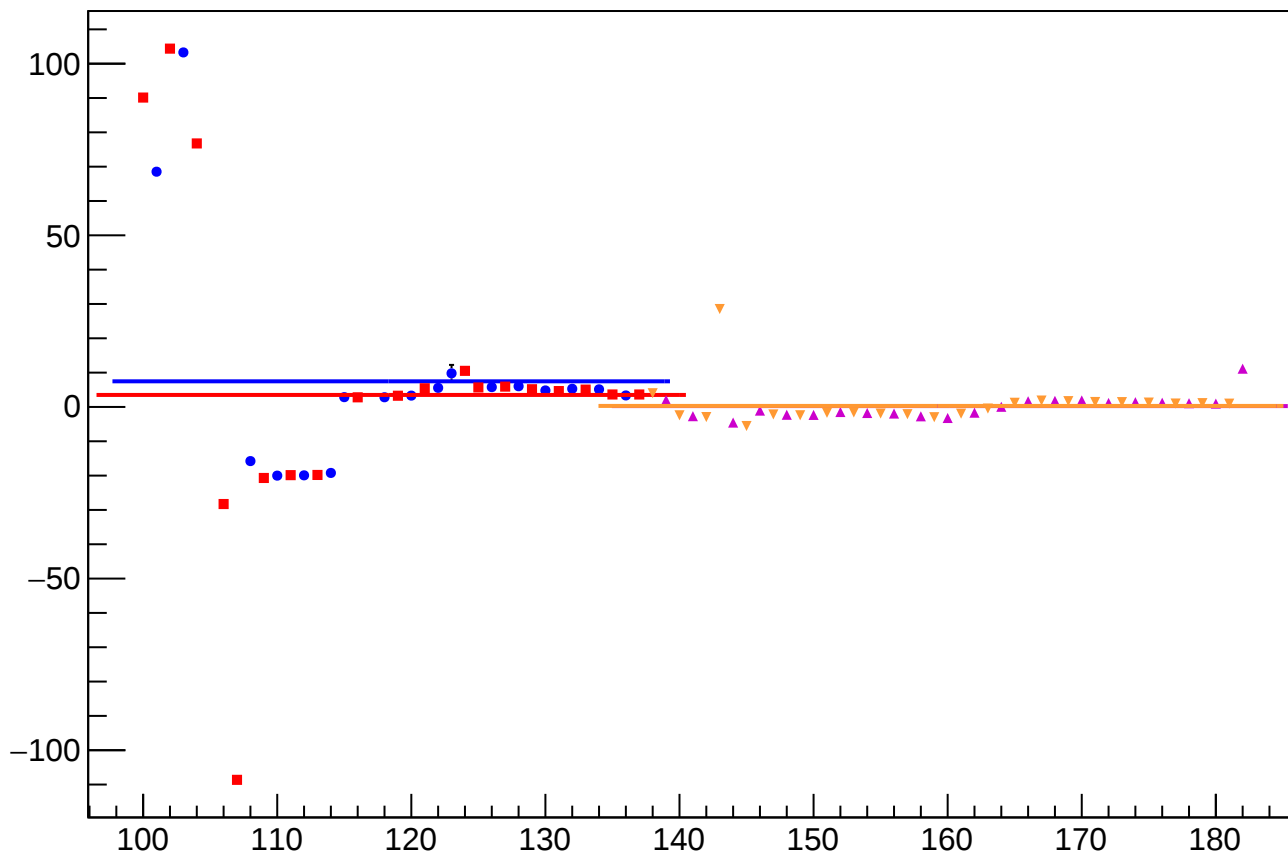
Right: 0.133 ± 0.528 χ^2/NDF : 132.0/35

In: 2.315 ± 0.312 χ^2/NDF : 153.7/38

Out: 3.013 ± 0.310 χ^2/NDF : 156.0/41

All: 2.665 ± 0.220 χ^2/NDF : 312.2/80

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: 0.299 $\pm$ 0.016 χ^2 /NDF: 87218.8/22

Right Out: 3.500 $\pm$ 0.046 χ^2 /NDF: 510577.2/18

Left In: 0.253 $\pm$ 0.015 χ^2 /NDF: 41503.3/21

Left: 0.276 $\pm$ 0.011 χ^2 /NDF: 128726.5/44

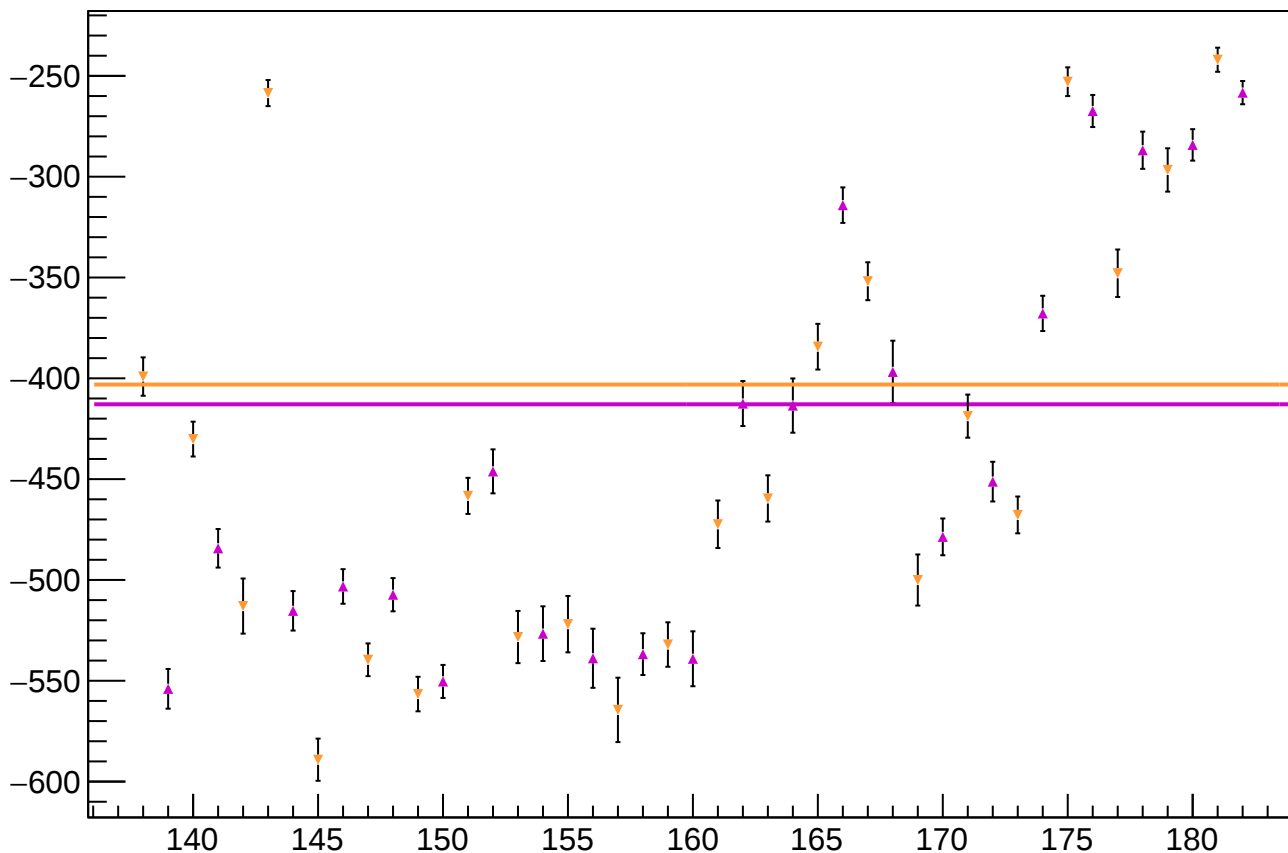
Right: 5.531 $\pm$ 0.032 χ^2 /NDF: 870350.4/35

In: 1.034 $\pm$ 0.015 χ^2 /NDF: 420862.2/38

Out: 0.638 $\pm$ 0.015 χ^2 /NDF: 602209.1/41

All: 0.839 $\pm$ 0.010 χ^2 /NDF: 1023431.9/80

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -403.088+/-1.993 χ^2/NDF :3427.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -412.882+/-2.007 χ^2/NDF :3009.8/21

Left: -407.951+/-1.414 χ^2/NDF : 6449.6/44

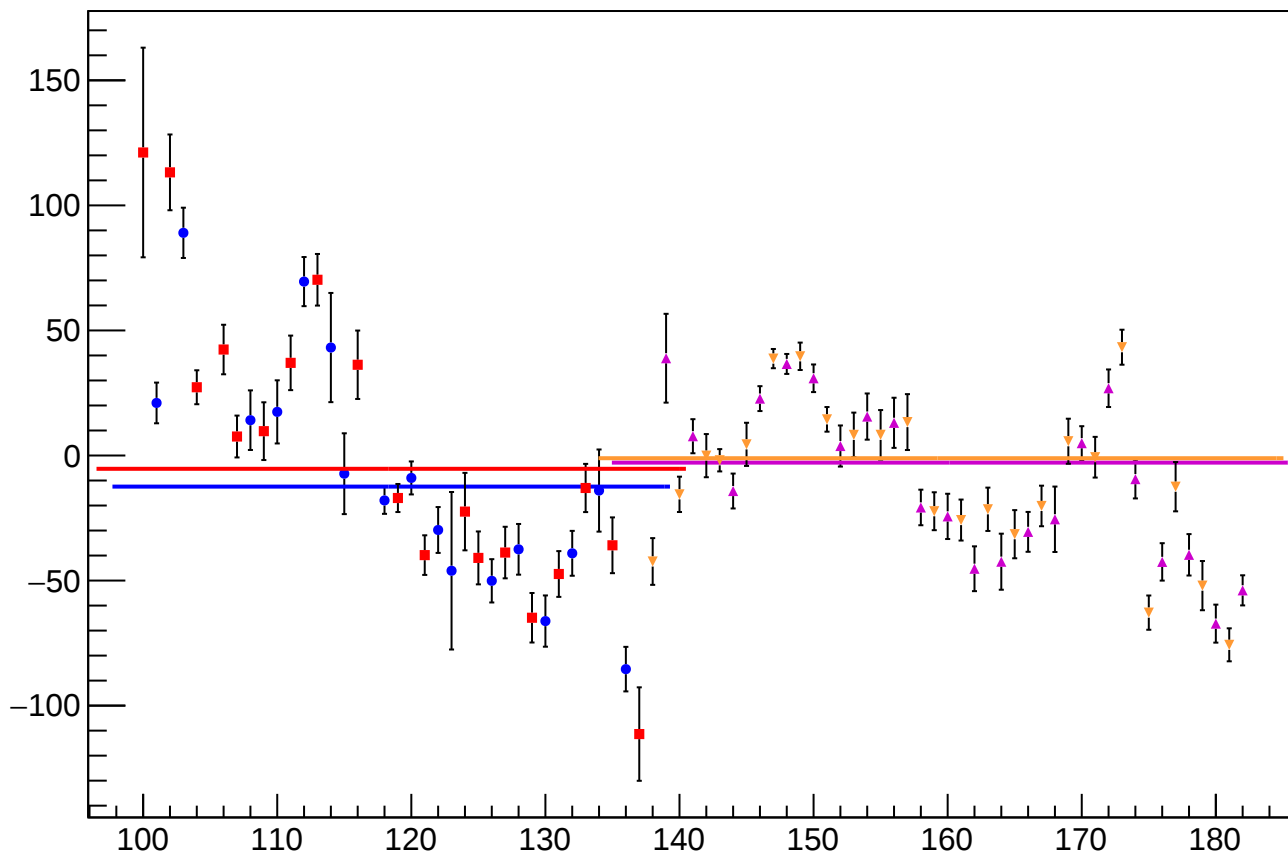
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -412.882+/-2.007 χ^2/NDF :3009.8/21

Out: -403.088+/-1.993 χ^2/NDF :3427.9/22

All: -407.951+/-1.414 χ^2/NDF : 6449.6/44

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: -1.083 ± 1.465 χ^2/NDF : 516.6/22

Right Out: -5.317 ± 2.260 χ^2/NDF : 342.8/18

Left In: -2.844 ± 1.533 χ^2/NDF : 450.6/21

Left: -1.924 ± 1.059 χ^2/NDF : 967.9/44

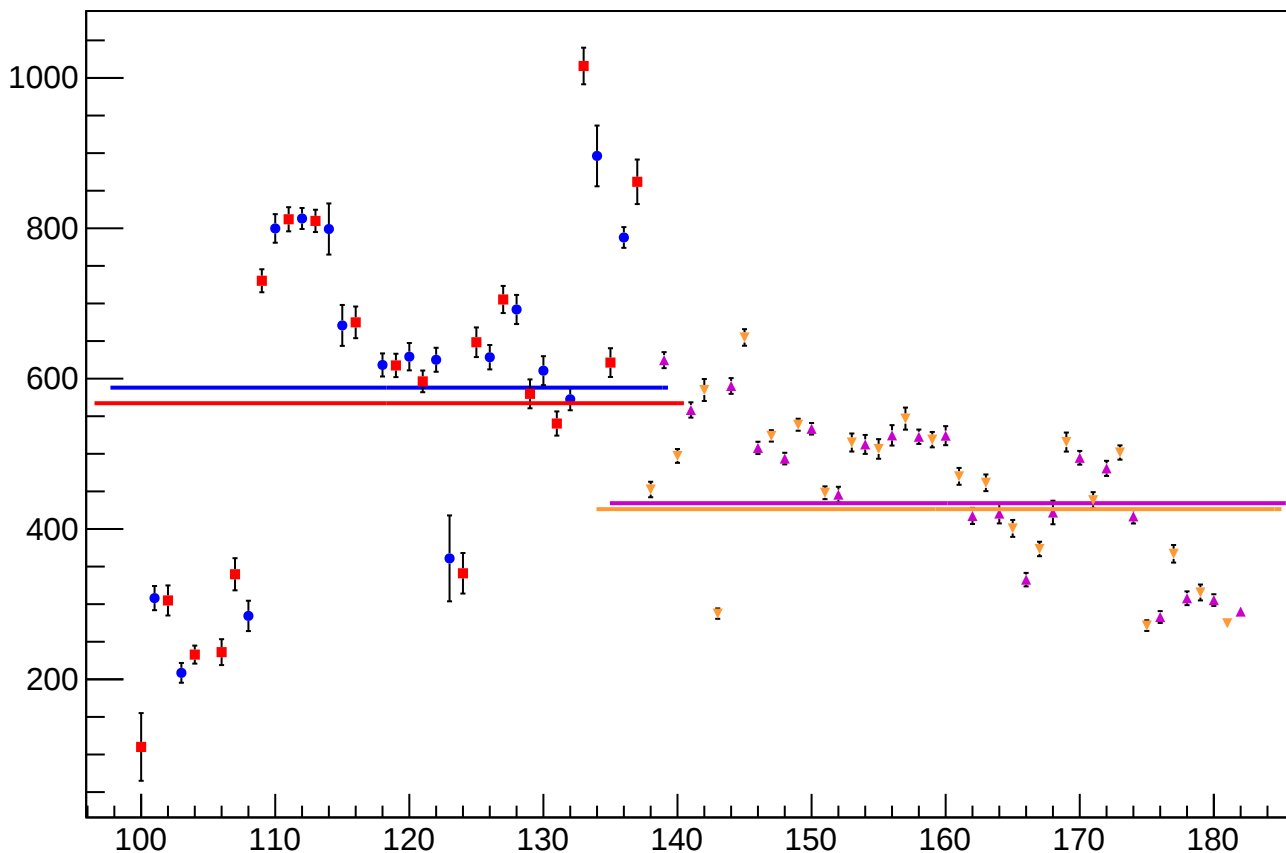
Right: -8.788 ± 1.617 χ^2/NDF : 687.9/35

In: -5.767 ± 1.278 χ^2/NDF : 802.8/38

Out: -2.336 ± 1.229 χ^2/NDF : 861.8/41

All: -3.984 ± 0.886 χ^2/NDF : 1668.3/80

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034+/-4.329 χ^2/NDF : 2127.7/16

Left Out: 426.388+/-1.994 χ^2/NDF : 3007.8/22

Right Out: 567.313+/-4.133 χ^2/NDF : 2784.3/18

Left In: 434.341+/-1.996 χ^2/NDF : 2833.6/21

Left: 430.361+/-1.411 χ^2/NDF : 5849.4/44

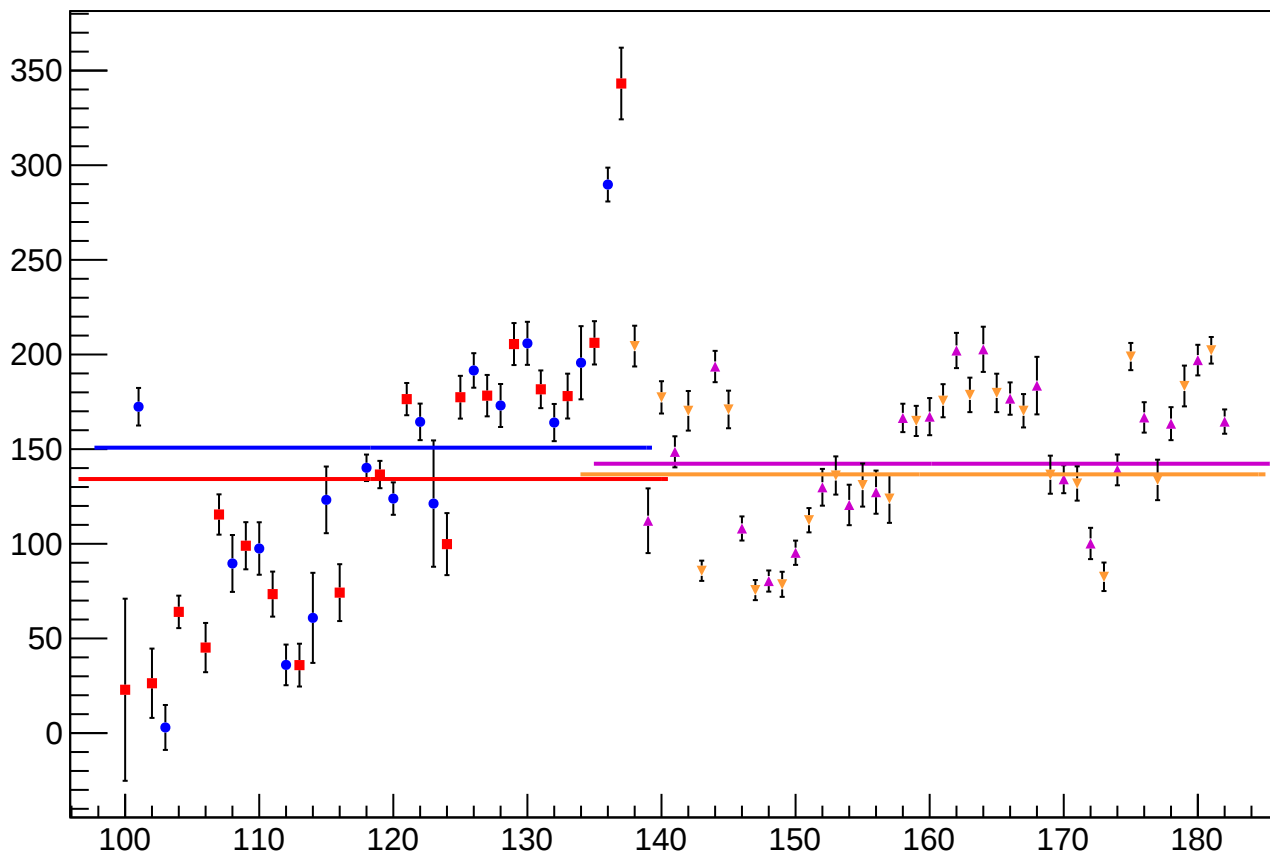
Right: 577.194+/-2.989 χ^2/NDF : 4924.0/35

In: 461.296+/-1.813 χ^2/NDF : 6000.8/38

Out: 453.004+/-1.796 χ^2/NDF : 6735.1/41

All: 457.112+/-1.276 χ^2/NDF : 12746.5/80

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2 /NDF: 633.1/16

Left Out: 136.693 $\pm$ 1.707 χ^2 /NDF: 719.3/22

Right Out: 134.219 $\pm$ 2.615 χ^2 /NDF: 581.6/18

Left In: 142.299 $\pm$ 1.762 χ^2 /NDF: 463.4/21

Left: 139.408 $\pm$ 1.226 χ^2 /NDF: 1187.9/44

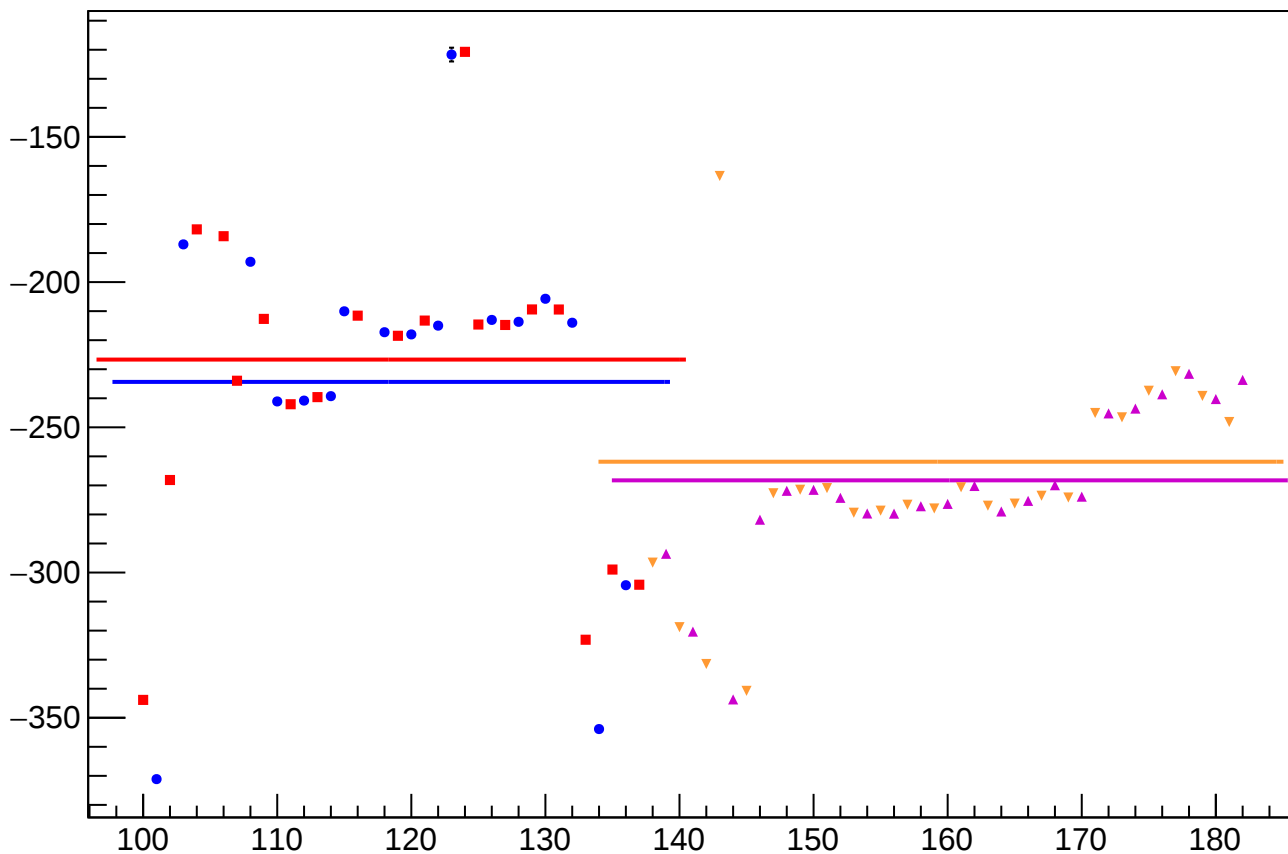
Right: 142.302 $\pm$ 1.872 χ^2 /NDF: 1234.3/35

In: 144.861 $\pm$ 1.472 χ^2 /NDF: 1103.5/38

Out: 135.954 $\pm$ 1.430 χ^2 /NDF: 1301.5/41

All: 140.277 $\pm$ 1.026 χ^2 /NDF: 2423.8/80

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360+/-0.148 χ^2/NDF : 145159.1/16

Left Out: -261.842+/-0.083 χ^2/NDF : 228953.1/22

Right Out: -226.674+/-0.141 χ^2/NDF : 99490.5/18

Left In: -268.258+/-0.083 χ^2/NDF : 95224.5/21

Left: -265.050+/-0.058 χ^2/NDF : 327200.5/44

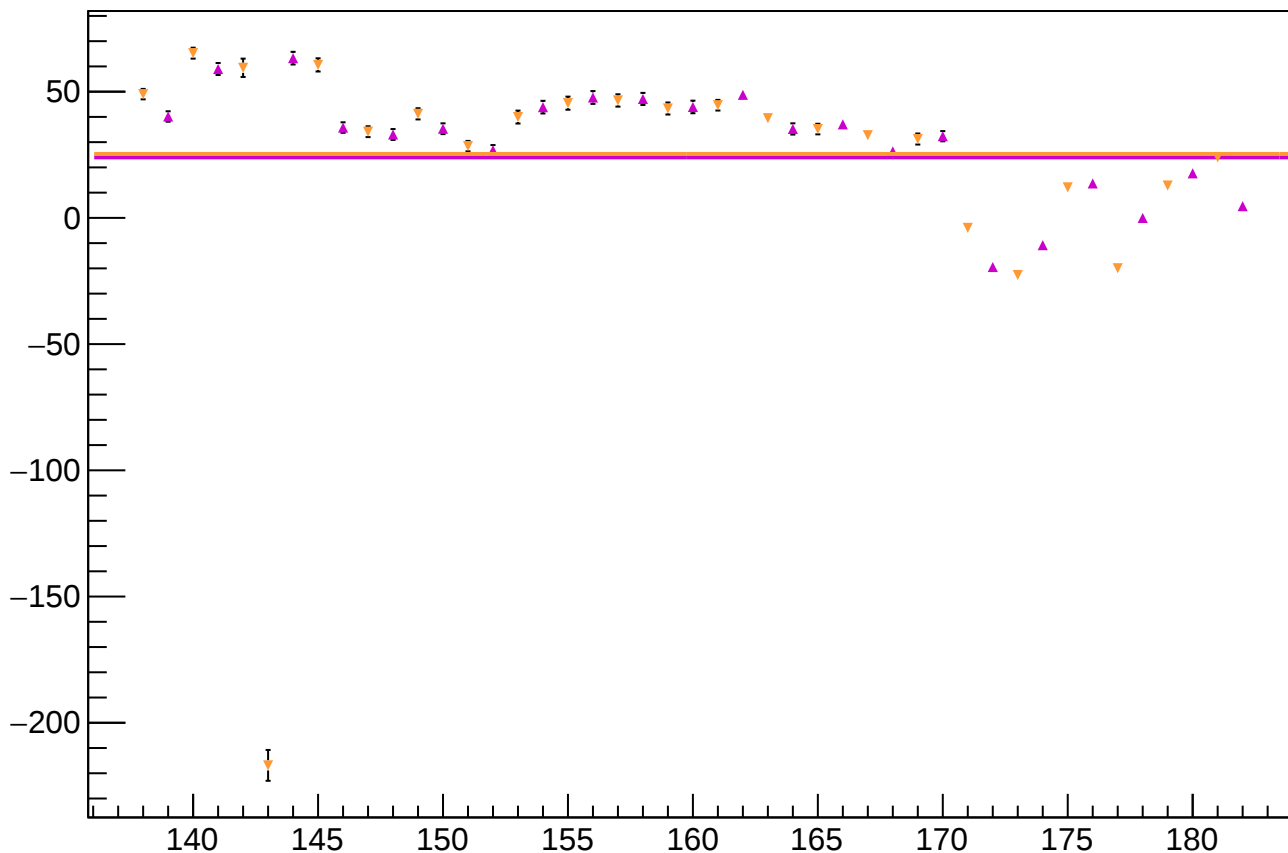
Right: -230.326+/-0.102 χ^2/NDF : 246056.0/35

In: -260.258+/-0.072 χ^2/NDF : 280205.7/38

Out: -252.894+/-0.071 χ^2/NDF : 374656.7/41

All: -256.531+/-0.051 χ^2/NDF : 660137.6/80

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Left: 24.633 $\pm$ 0.291 χ^2 /NDF: 7000.2/44

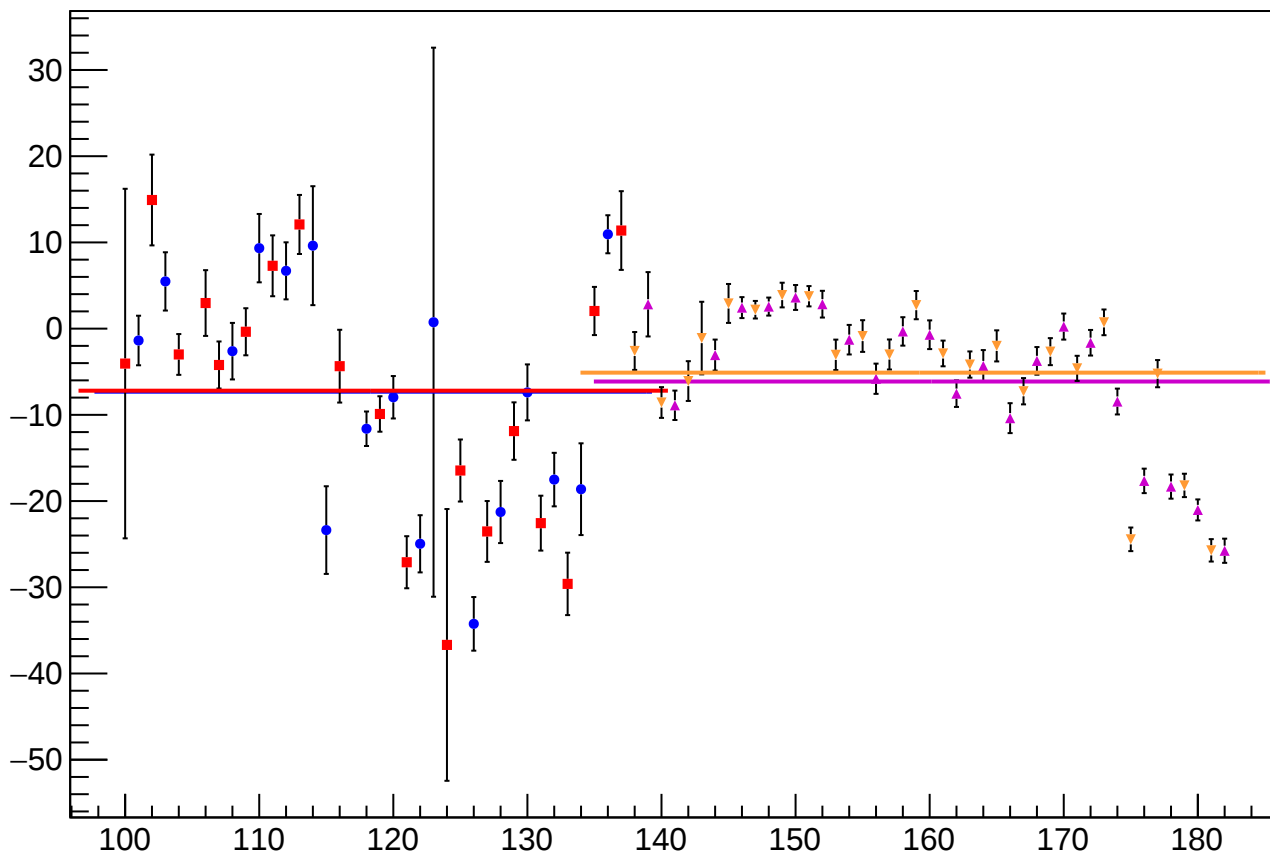
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 23.976 $\pm$ 0.406 χ^2 /NDF:2624.8/21

Out: 25.329 $\pm$ 0.418 χ^2 /NDF:4370.0/22

All: 24.633 $\pm$ 0.291 χ^2 /NDF: 7000.2/44

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: -5.105 ± 0.325 χ^2/NDF : 766.7/22

Right Out: -7.198 ± 0.761 χ^2/NDF : 252.1/18

Left In: -6.135 ± 0.323 χ^2/NDF : 766.3/21

Left: -5.622 ± 0.229 χ^2/NDF : 1538.0/44

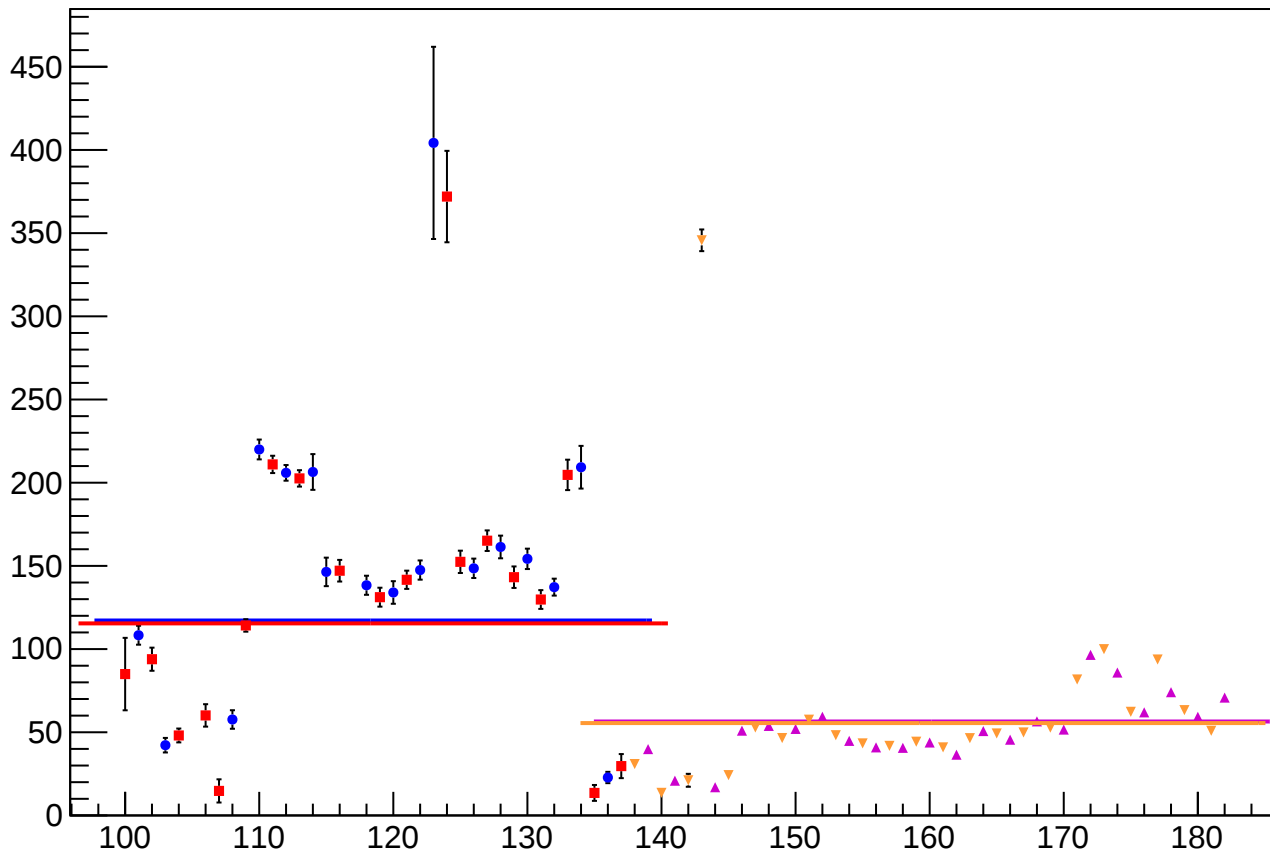
Right: -7.254 ± 0.545 χ^2/NDF : 531.2/35

In: -6.308 ± 0.299 χ^2/NDF : 1047.3/38

Out: -5.427 ± 0.299 χ^2/NDF : 1025.2/41

All: -5.868 ± 0.211 χ^2/NDF : 2076.9/80

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 117.177 ± 1.411 χ^2/NDF : 2159.6/16

Left Out: 55.524 ± 0.415 χ^2/NDF : 4006.1/22

Right Out: 115.437 ± 1.361 χ^2/NDF : 2151.2/18

Left In: 56.472 ± 0.403 χ^2/NDF : 1725.9/21

Left: 56.012 ± 0.289 χ^2/NDF : 5734.6/44

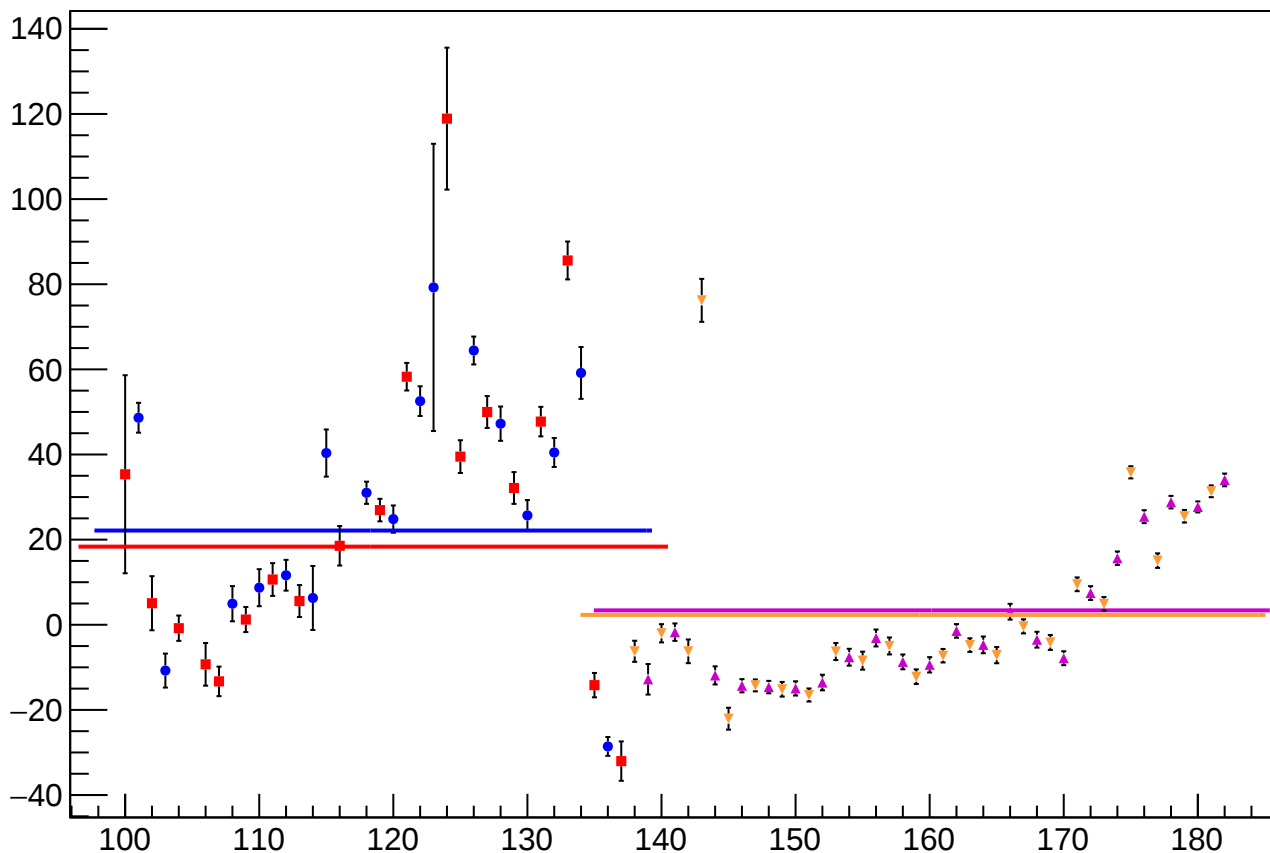
Right: 116.275 ± 0.980 χ^2/NDF : 4311.6/35

In: 61.055 ± 0.388 χ^2/NDF : 5595.8/38

Out: 60.631 ± 0.397 χ^2/NDF : 7931.2/41

All: 60.848 ± 0.277 χ^2/NDF : 13527.6/80

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 $\pm$ 0.891 χ^2 /NDF: 1064.1/16

Left Out: 2.316 $\pm$ 0.369 χ^2 /NDF:2253.2/22

Right Out: 18.355 $\pm$ 0.871 χ^2 /NDF: 1070.9/18

Left In: 3.382 $\pm$ 0.364 χ^2 /NDF:2136.3/21

Left: 2.856 $\pm$ 0.259 χ^2 /NDF: 4393.8/44

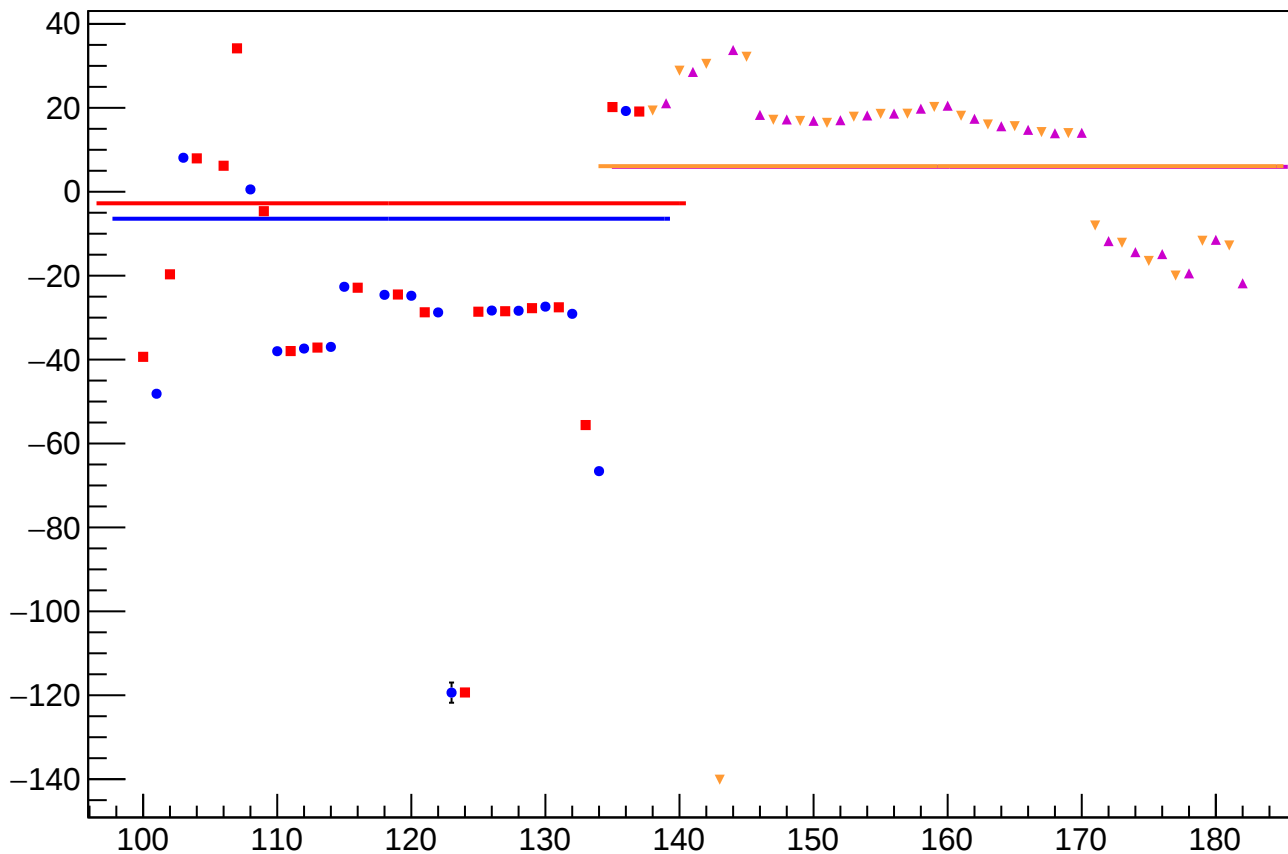
Right: 20.203 $\pm$ 0.623 χ^2 /NDF: 2144.2/35

In: 6.070 $\pm$ 0.337 χ^2 /NDF:3579.8/38

Out: 4.753 $\pm$ 0.340 χ^2 /NDF:3611.4/41

All: 5.416 $\pm$ 0.239 χ^2 /NDF: 7198.8/80

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 6.096 ± 0.017 χ^2/NDF : 1188154.4/22

Right Out: -2.752 ± 0.046 χ^2/NDF : 266290.0/18

Left In: 5.940 ± 0.017 χ^2/NDF : 1024474.3/21

Left: 6.016 ± 0.012 χ^2/NDF : 2212672.0/44

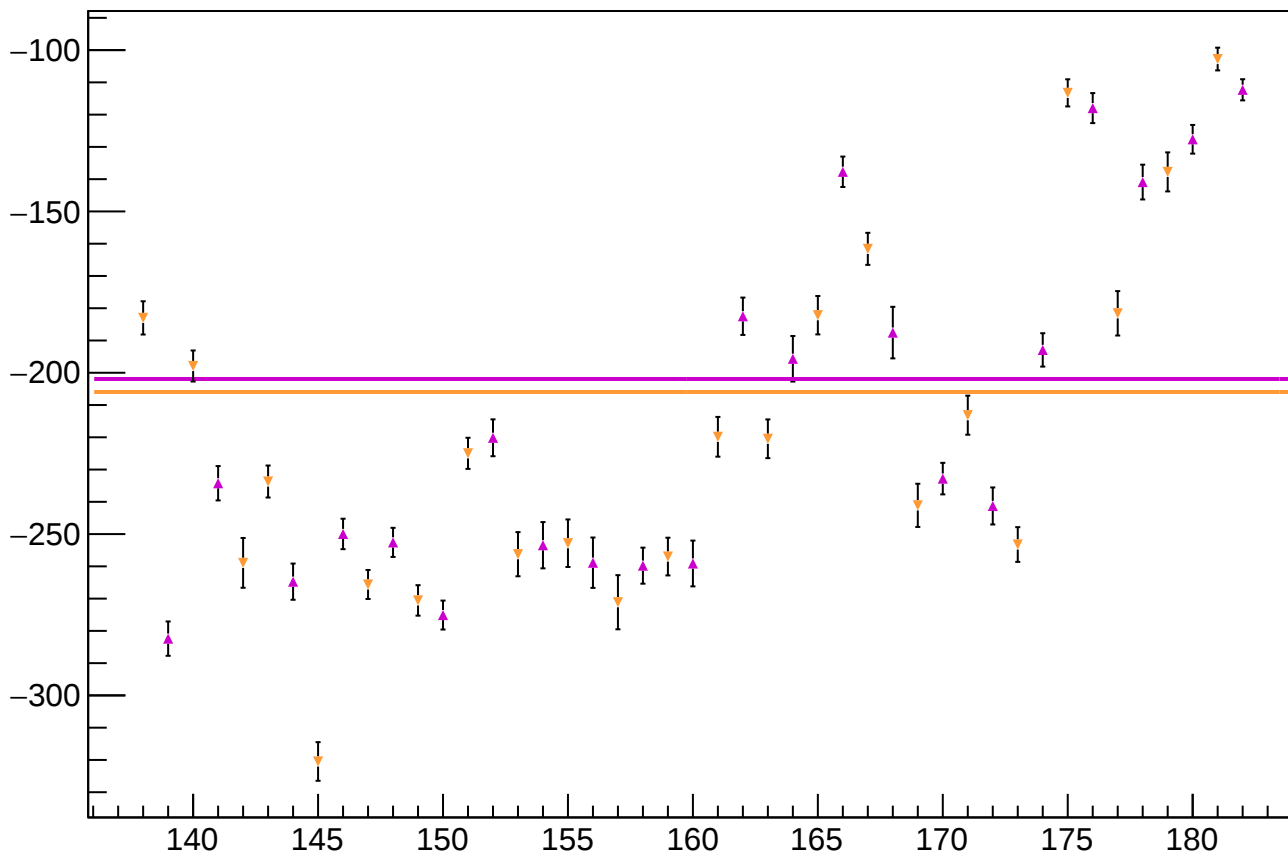
Right: -4.569 ± 0.032 χ^2/NDF : 534660.8/35

In: 4.535 ± 0.016 χ^2/NDF : 1353136.3/38

Out: 5.018 ± 0.016 χ^2/NDF : 1487394.0/41

All: 4.771 ± 0.011 χ^2/NDF : 2840999.4/80

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -205.951+/-1.133 χ^2/NDF :2772.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Left: -203.902+/-0.793 χ^2/NDF : 5724.5/44

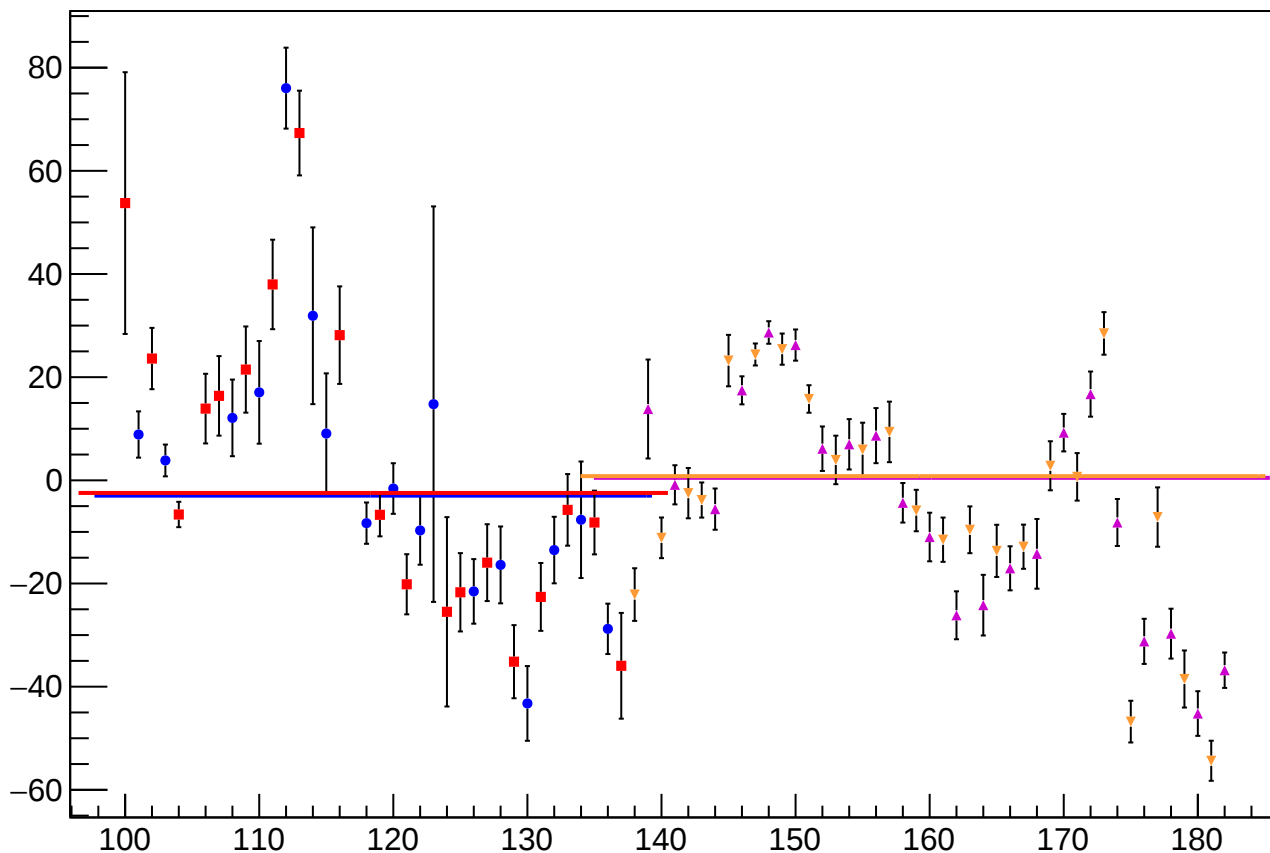
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -201.929+/-1.112 χ^2/NDF :2946.1/21

Out: -205.951+/-1.133 χ^2/NDF :2772.0/22

All: -203.902+/-0.793 χ^2/NDF : 5724.5/44

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: 0.813 ± 0.830 χ^2/NDF : 748.3/22

Right Out: -2.445 ± 1.397 χ^2/NDF : 215.4/18

Left In: 0.487 ± 0.845 χ^2/NDF : 711.7/21

Left: 0.653 ± 0.592 χ^2/NDF : 1460.1/44

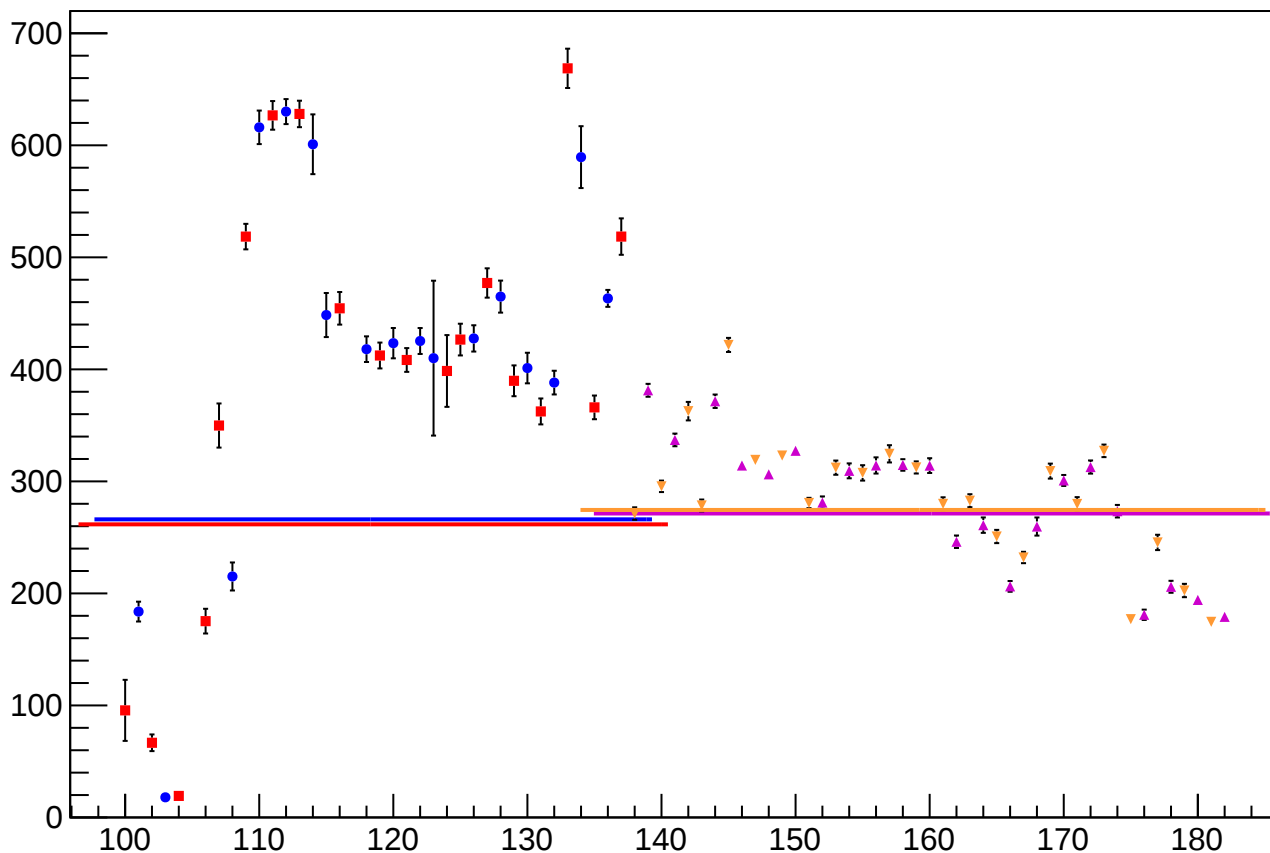
Right: -2.694 ± 1.007 χ^2/NDF : 419.0/35

In: -0.385 ± 0.730 χ^2/NDF : 919.5/38

Out: -0.037 ± 0.714 χ^2/NDF : 967.7/41

All: -0.207 ± 0.510 χ^2/NDF : 1887.3/80

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: 274.500 $\pm$ 1.128 χ^2 /NDF:2717.6/22

Right Out: 261.642 $\pm$ 2.457 χ^2 /NDF: 8209.5/18

Left In: 271.344 $\pm$ 1.104 χ^2 /NDF:3168.7/21

Left: 272.888 $\pm$ 0.789 χ^2 /NDF: 5890.3/44

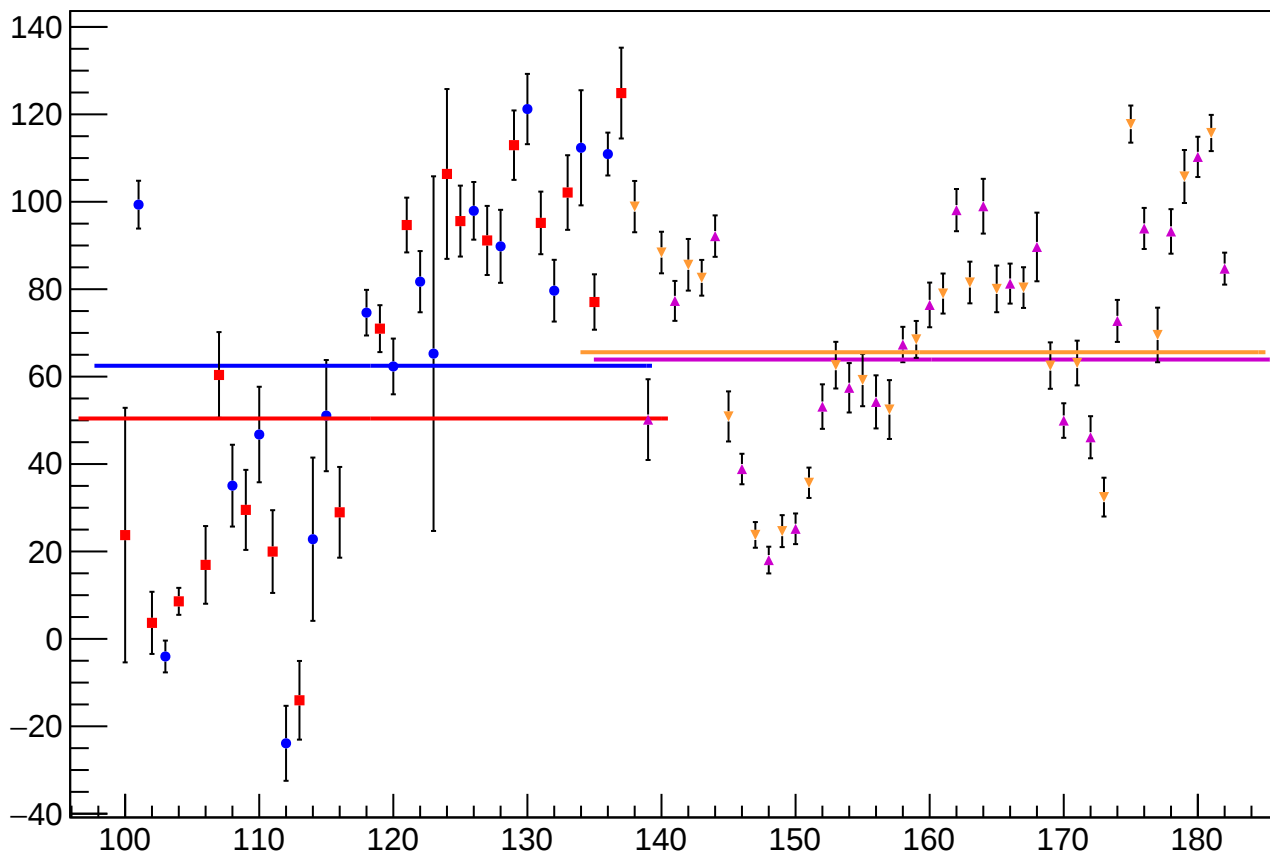
Right: 263.855 $\pm$ 1.745 χ^2 /NDF: 15855.1/35

In: 270.479 $\pm$ 1.008 χ^2 /NDF:10816.4/38

Out: 272.261 $\pm$ 1.025 χ^2 /NDF:10949.7/41

All: 271.356 $\pm$ 0.719 χ^2 /NDF: 21767.7/80

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: 65.580+/-0.966 χ^2/NDF : 933.6/22

Right Out: 50.421+/-1.642 χ^2/NDF : 651.4/18

Left In: 63.907+/-0.972 χ^2/NDF : 803.3/21

Left: 64.748+/-0.685 χ^2/NDF : 1738.4/44

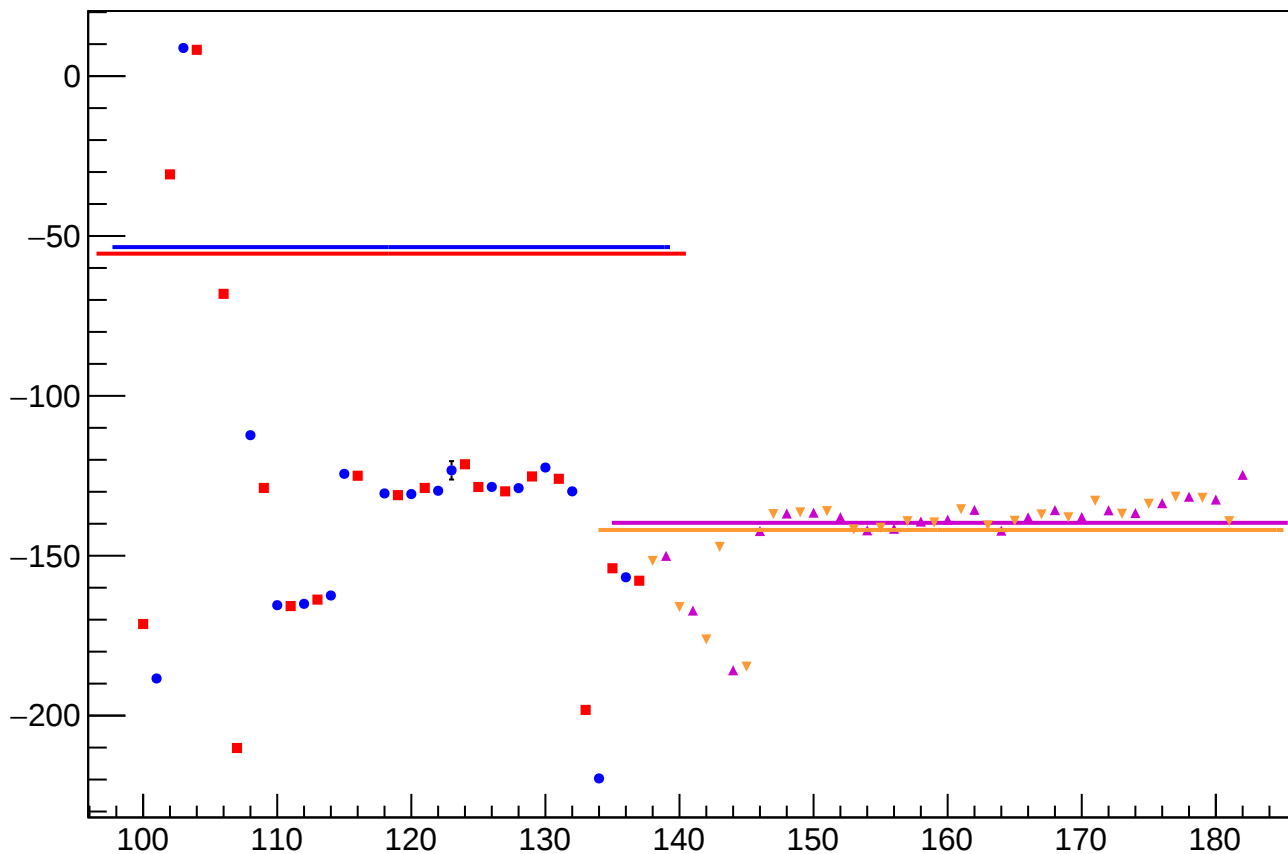
Right: 56.311+/-1.174 χ^2/NDF : 1398.6/35

In: 63.551+/-0.841 χ^2/NDF : 1524.6/38

Out: 61.679+/-0.833 χ^2/NDF : 1648.4/41

All: 62.606+/-0.592 χ^2/NDF : 3175.5/80

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -141.944 ± 0.046 $\chi^2/\text{NDF}: 65799.4/22$

Right Out: -55.523 ± 0.072 $\chi^2/\text{NDF}: 969818.3/18$

Left In: -139.710 ± 0.045 $\chi^2/\text{NDF}: 61151.8/21$

Left: -140.802 ± 0.032 $\chi^2/\text{NDF}: 128133.0/44$

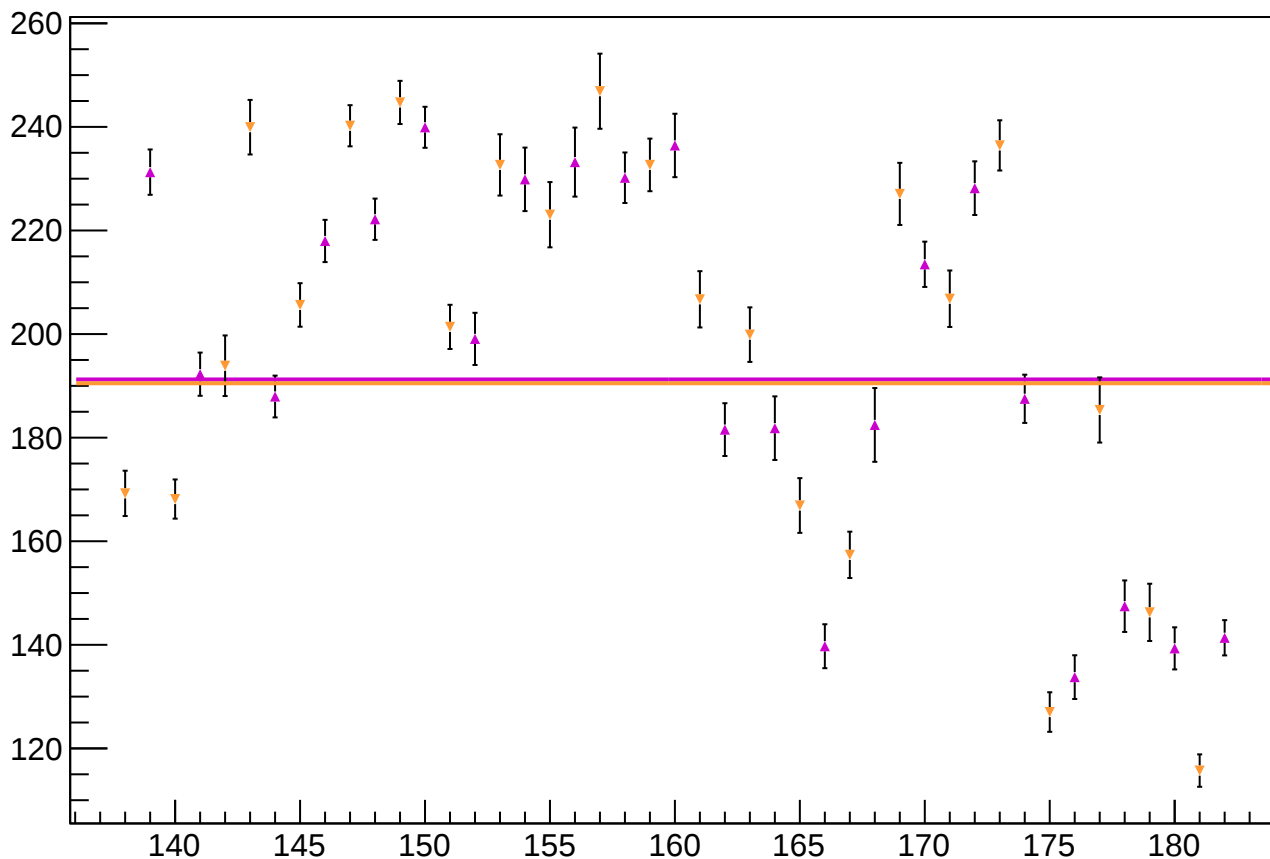
Right: -54.479 ± 0.050 $\chi^2/\text{NDF}: 2198961.2/35$

In: -114.313 ± 0.038 $\chi^2/\text{NDF}: 2350984.1/38$

Out: -116.486 ± 0.039 $\chi^2/\text{NDF}: 2054952.5/41$

All: -115.375 ± 0.027 $\chi^2/\text{NDF}: 4407522.2/80$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 190.504 $\pm$ 0.990 χ^2 /NDF:1833.4/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 191.235 $\pm$ 0.983 χ^2 /NDF:1411.9/21

Left: 190.872 $\pm$ 0.698 χ^2 /NDF: 3245.6/44

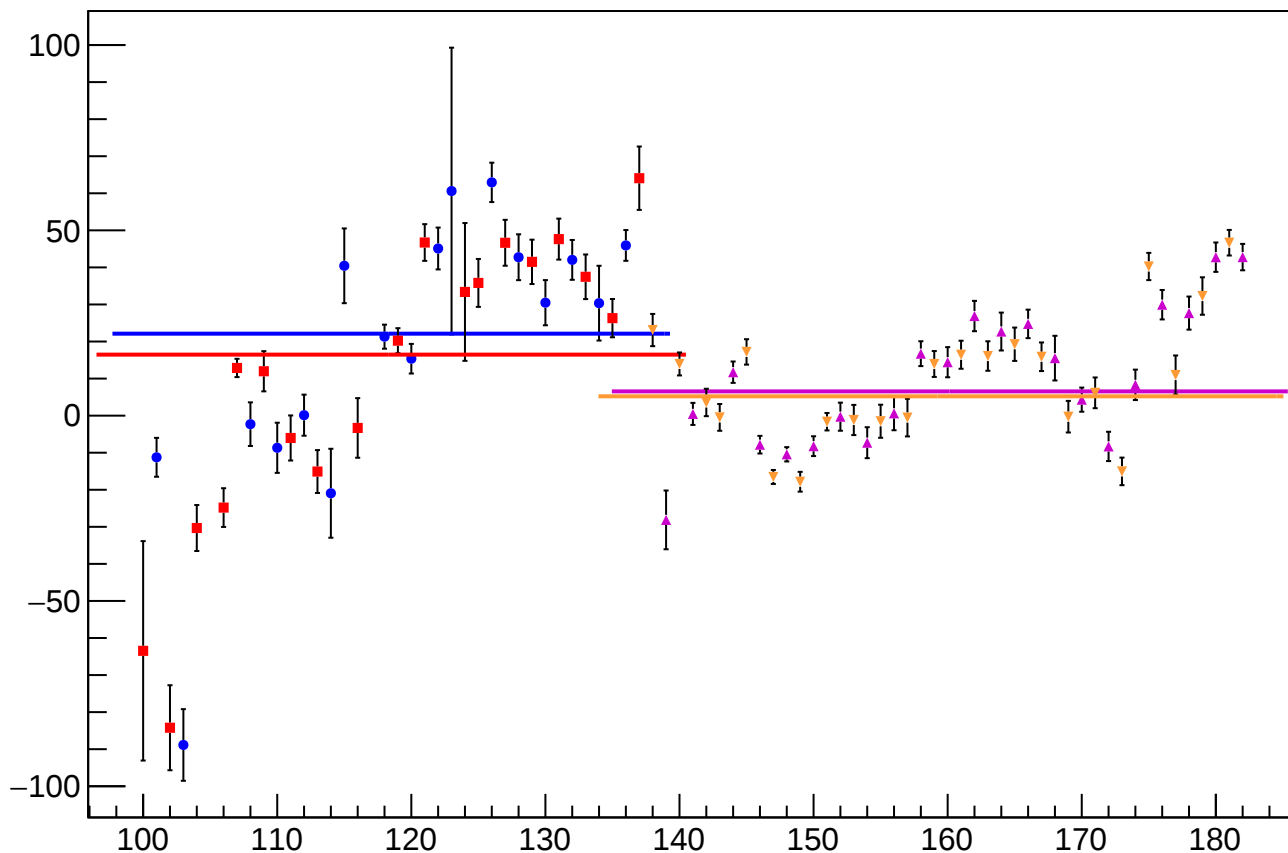
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 191.235 $\pm$ 0.983 χ^2 /NDF:1411.9/21

Out: 190.504 $\pm$ 0.990 χ^2 /NDF:1833.4/22

All: 190.872 $\pm$ 0.698 χ^2 /NDF: 3245.6/44

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 $\pm$ 1.376 χ^2 /NDF: 382.0/16

Left Out: 5.216 $\pm$ 0.727 χ^2 /NDF: 598.5/22

Right Out: 16.464 $\pm$ 1.228 χ^2 /NDF: 424.1/18

Left In: 6.548 $\pm$ 0.740 χ^2 /NDF: 518.0/21

Left: 5.870 $\pm$ 0.519 χ^2 /NDF: 1118.1/44

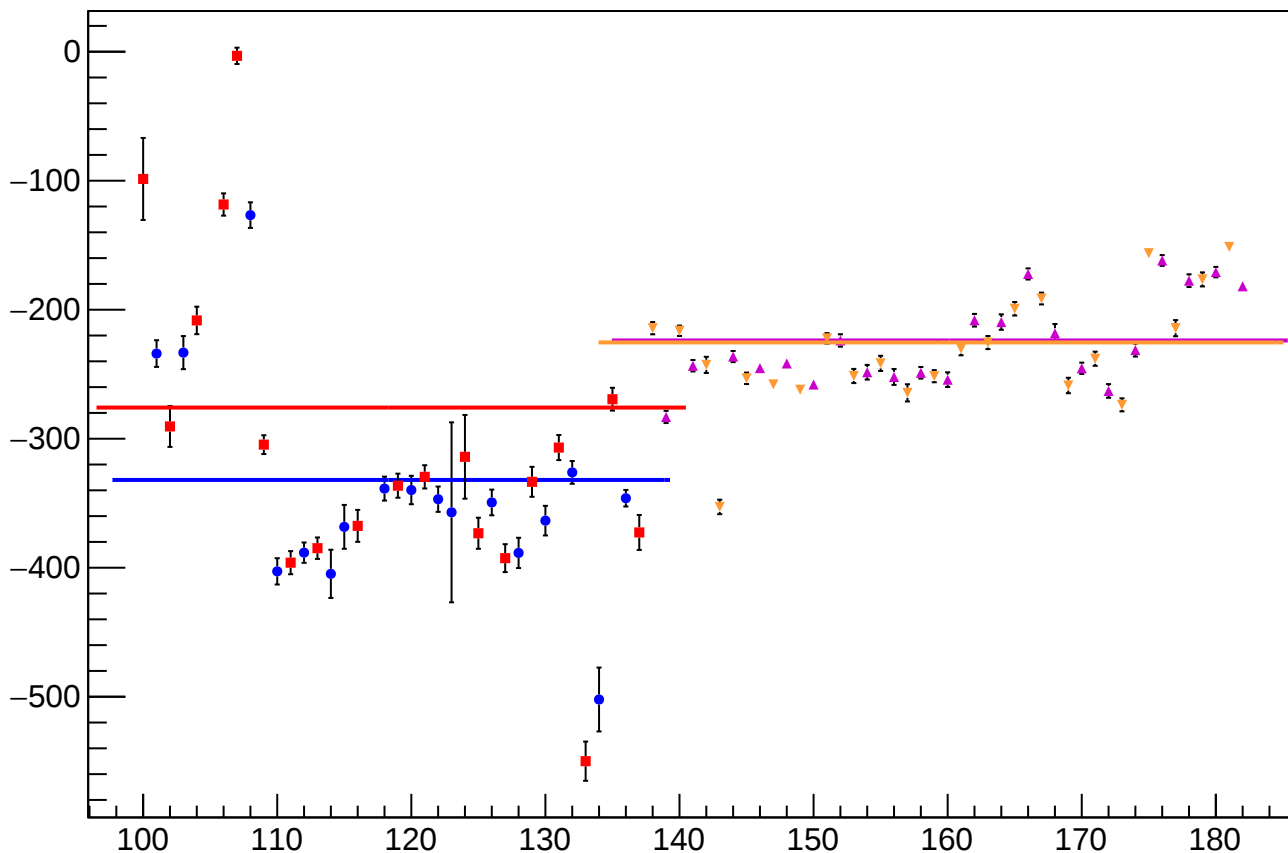
Right: 18.970 $\pm$ 0.916 χ^2 /NDF: 815.5/35

In: 10.040 $\pm$ 0.652 χ^2 /NDF: 999.2/38

Out: 8.134 $\pm$ 0.625 χ^2 /NDF: 1084.7/41

All: 9.047 $\pm$ 0.451 χ^2 /NDF: 2088.4/80

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 $\pm$ 2.567 χ^2 /NDF: 785.6/16

Left Out: -225.349 $\pm$ 0.988 χ^2 /NDF:1974.0/22

Right Out: -275.853 $\pm$ 2.323 χ^2 /NDF: 3361.7/18

Left In: -223.826 $\pm$ 0.977 χ^2 /NDF:1283.0/21

Left: -224.579 $\pm$ 0.694 χ^2 /NDF: 3258.2/44

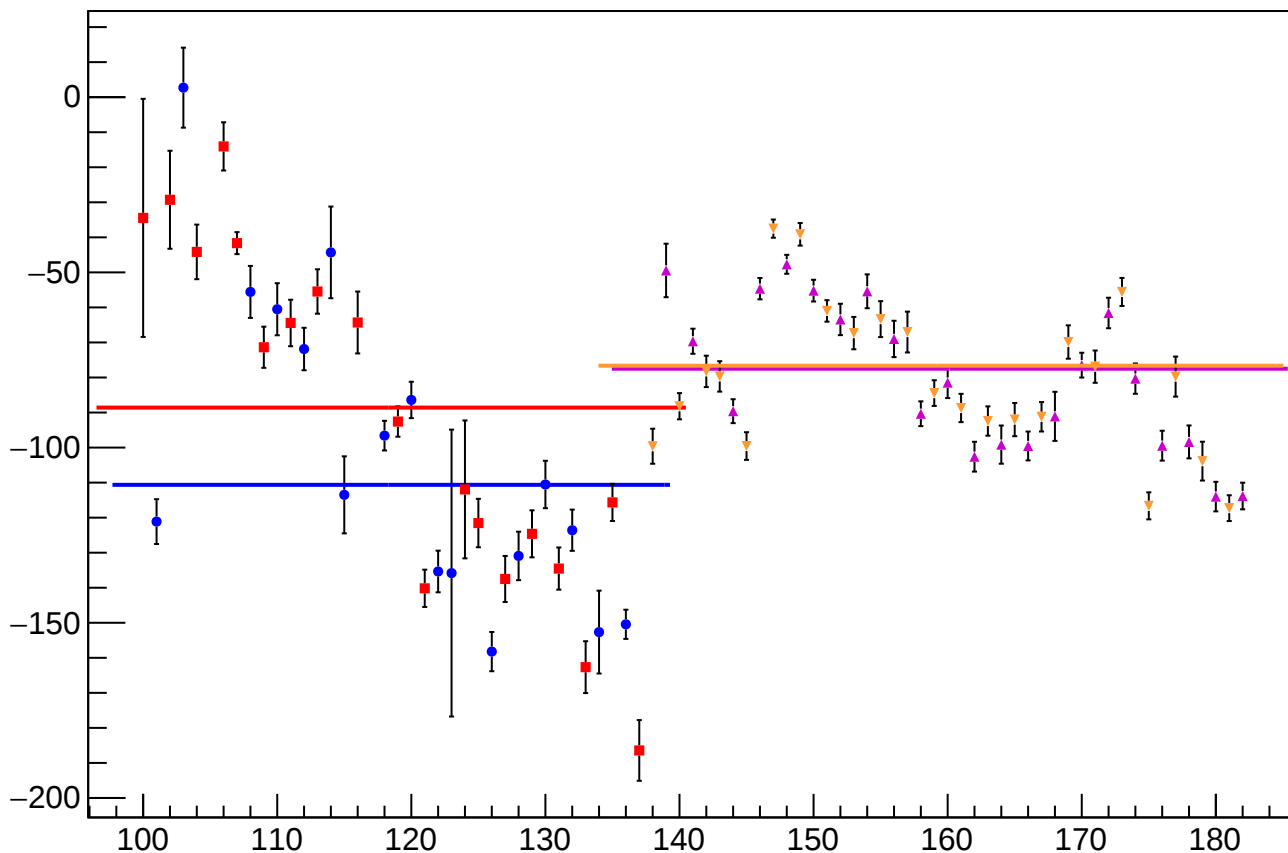
Right: -301.110 $\pm$ 1.723 χ^2 /NDF: 4409.7/35

In: -237.492 $\pm$ 0.913 χ^2 /NDF:3618.2/38

Out: -233.079 $\pm$ 0.909 χ^2 /NDF:5735.9/41

All: -235.277 $\pm$ 0.644 χ^2 /NDF: 9365.8/80

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: -76.630 ± 0.846 χ^2/NDF : 800.4/22

Right Out: -88.586 ± 1.433 χ^2/NDF : 966.5/18

Left In: -77.490 ± 0.854 χ^2/NDF : 617.7/21

Left: -77.056 ± 0.601 χ^2/NDF : 1418.6/44

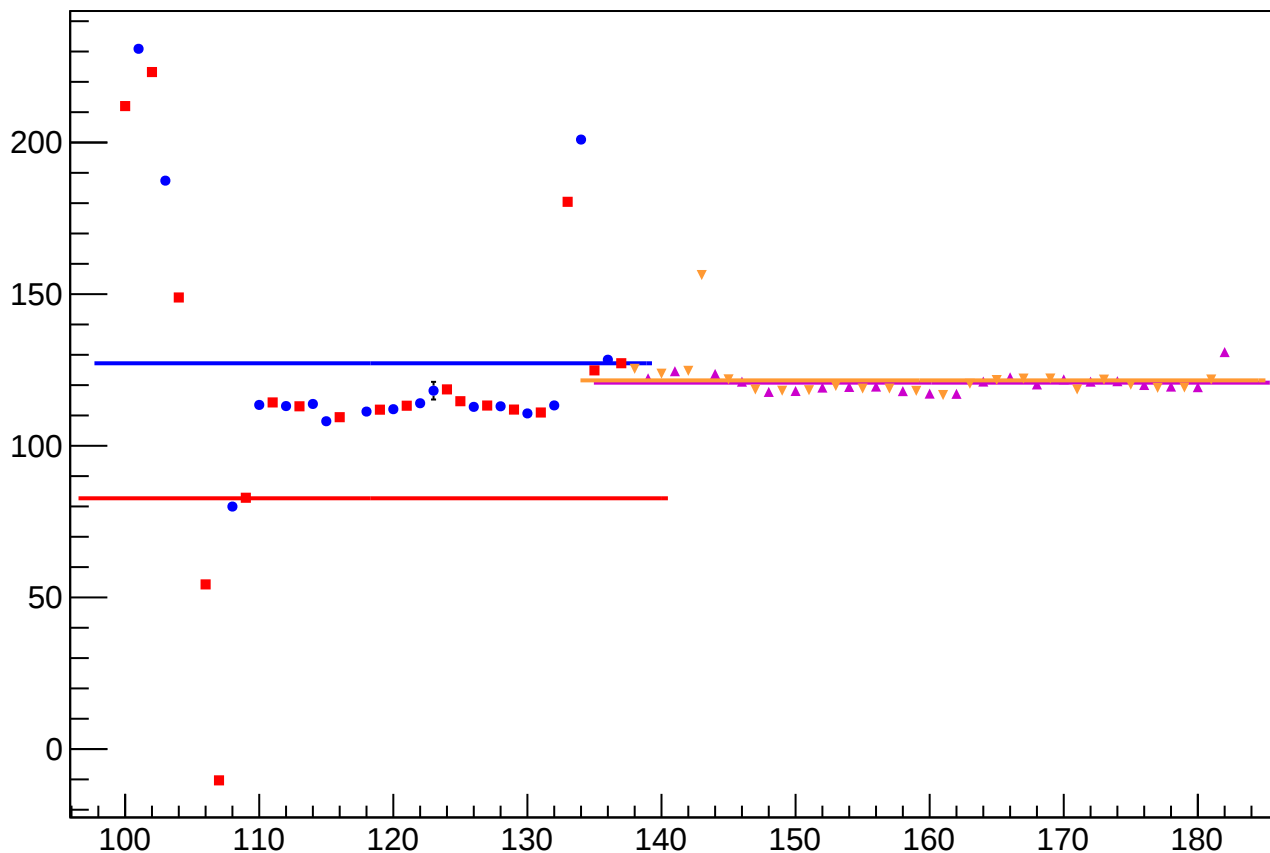
Right: -98.530 ± 1.062 χ^2/NDF : 1582.1/35

In: -84.974 ± 0.751 χ^2/NDF : 1466.7/38

Out: -79.722 ± 0.729 χ^2/NDF : 1818.6/41

All: -82.268 ± 0.523 χ^2/NDF : 3310.5/80

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205+/-0.089 χ^2/NDF : 188026.3/16

Left Out: 121.569+/-0.041 χ^2/NDF : 27308.1/22

Right Out: 82.690+/-0.075 χ^2/NDF : 765706.3/18

Left In: 120.816+/-0.040 χ^2/NDF : 6190.7/21

Left: 121.187+/-0.028 χ^2/NDF : 33673.6/44

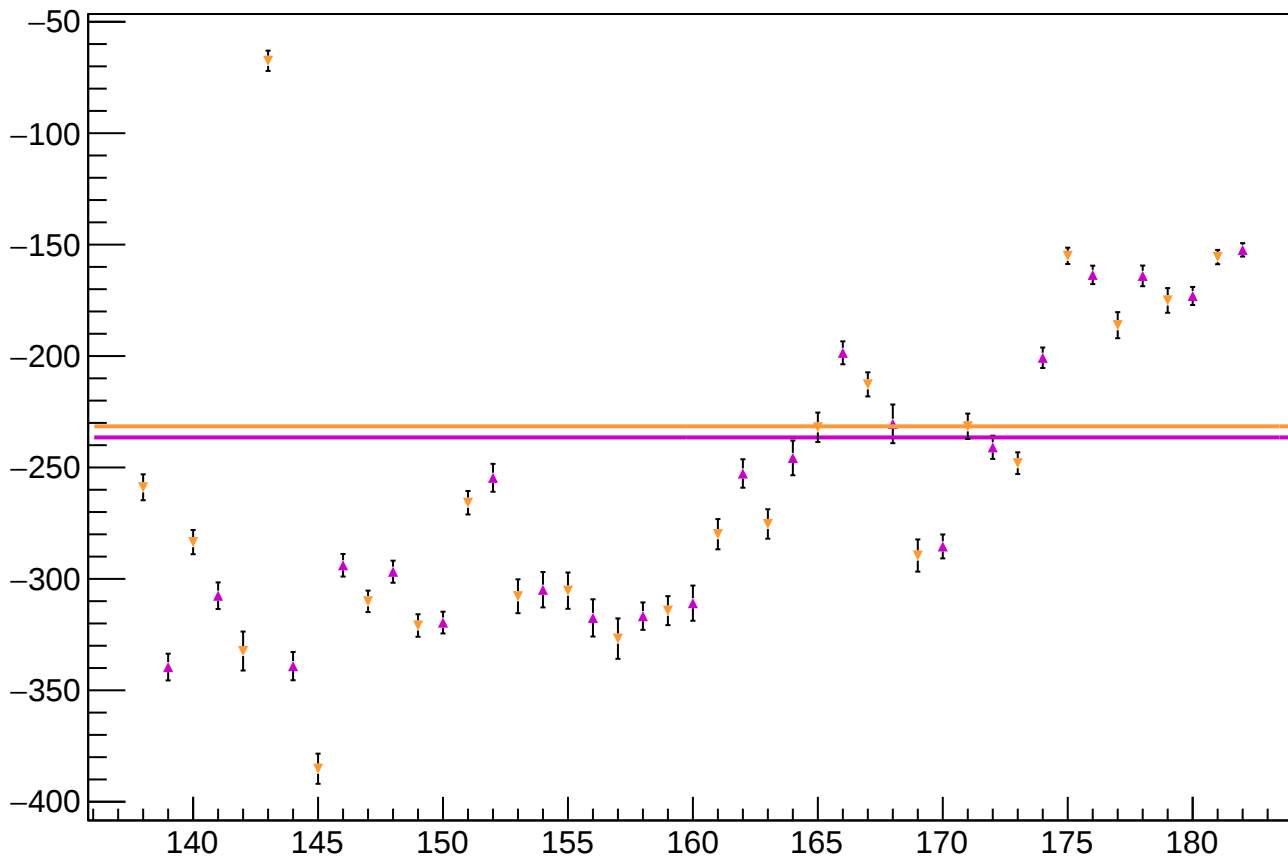
Right: 101.224+/-0.058 χ^2/NDF : 1099306.1/35

In: 121.885+/-0.036 χ^2/NDF : 198494.6/38

Out: 112.809+/-0.036 χ^2/NDF : 999631.9/41

All: 117.256+/-0.026 χ^2/NDF : 1229737.4/80

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -231.550+/-1.147 χ^2/NDF : 4478.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Left: -234.081+/-0.804 χ^2/NDF : 7982.4/44

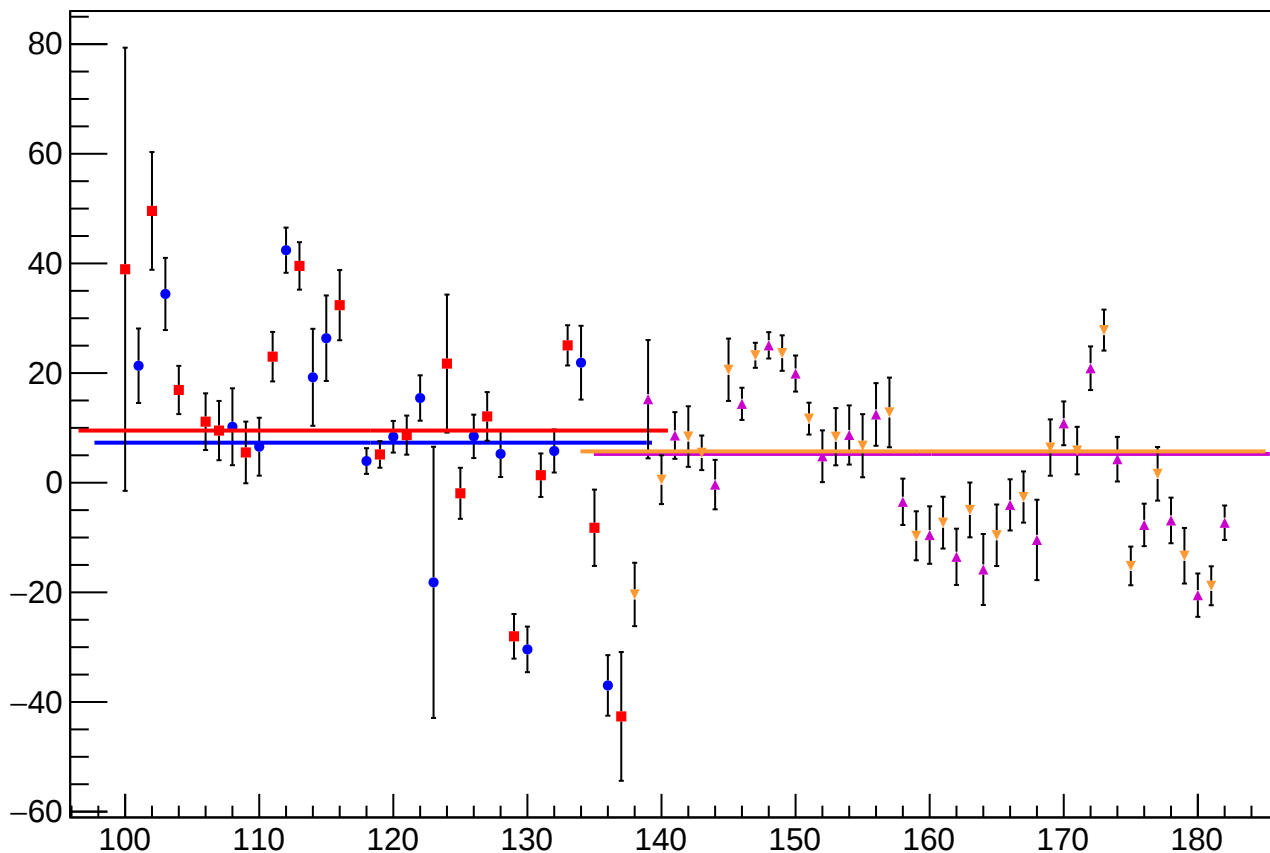
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -236.520+/-1.126 χ^2/NDF : 3494.1/21

Out: -231.550+/-1.147 χ^2/NDF : 4478.7/22

All: -234.081+/-0.804 χ^2/NDF : 7982.4/44

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: 5.713 ± 0.858 χ^2/NDF : 291.5/22

Right Out: 9.513 ± 1.073 χ^2/NDF : 231.7/18

Left In: 5.252 ± 0.877 χ^2/NDF : 242.9/21

Left: 5.488 ± 0.614 χ^2/NDF : 534.6/44

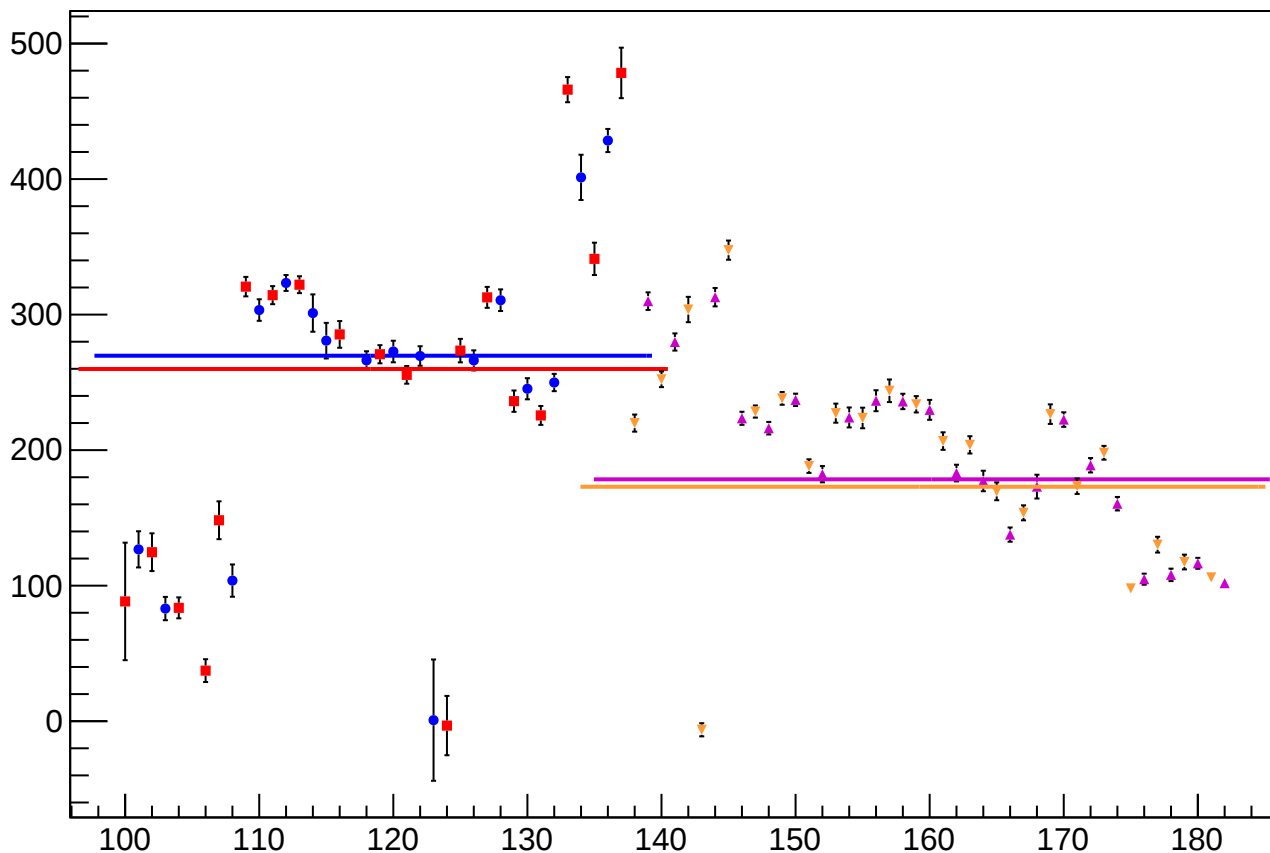
Right: 8.421 ± 0.763 χ^2/NDF : 494.4/35

In: 6.062 ± 0.682 χ^2/NDF : 505.7/38

Out: 7.196 ± 0.670 χ^2/NDF : 530.8/41

All: 6.639 ± 0.478 χ^2/NDF : 1038.0/80

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 269.664 $\pm$ 2.076 χ^2 /NDF: 1376.6/16

Left Out: 172.978 $\pm$ 1.146 χ^2 /NDF:4161.8/22

Right Out: 259.869 $\pm$ 1.977 χ^2 /NDF: 2543.7/18

Left In: 178.450 $\pm$ 1.122 χ^2 /NDF:3166.3/21

Left: 175.771 $\pm$ 0.802 χ^2 /NDF: 7339.8/44

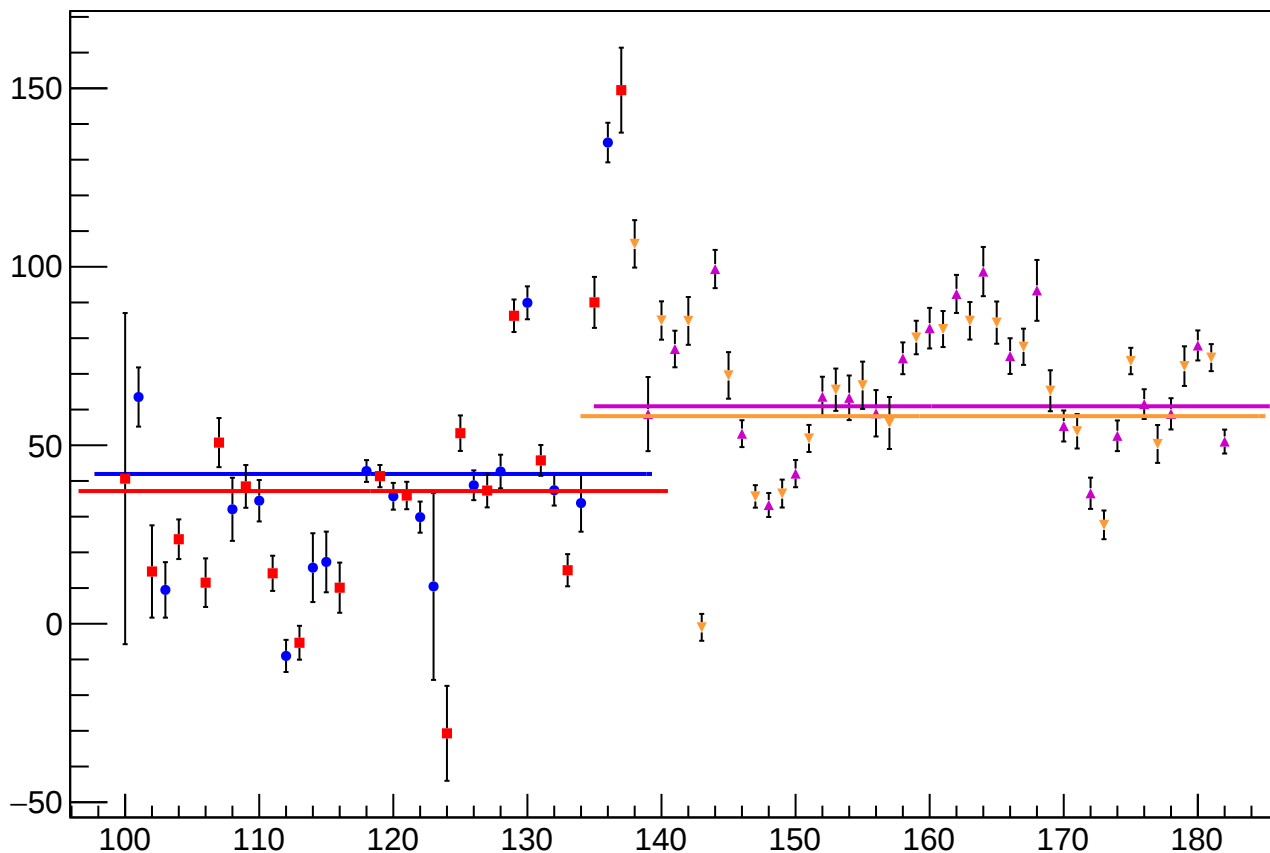
Right: 264.527 $\pm$ 1.432 χ^2 /NDF: 3931.9/35

In: 199.067 $\pm$ 0.987 χ^2 /NDF:6037.0/38

Out: 194.822 $\pm$ 0.991 χ^2 /NDF:8152.0/41

All: 196.953 $\pm$ 0.699 χ^2 /NDF: 14198.2/80

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959+/-1.258 χ^2/NDF : 574.2/16

Left Out: 58.159+/-0.993 χ^2/NDF : 640.7/22

Right Out: 37.174+/-1.236 χ^2/NDF : 470.9/18

Left In: 60.921+/-1.001 χ^2/NDF : 331.1/21

Left: 59.529+/-0.705 χ^2/NDF : 975.7/44

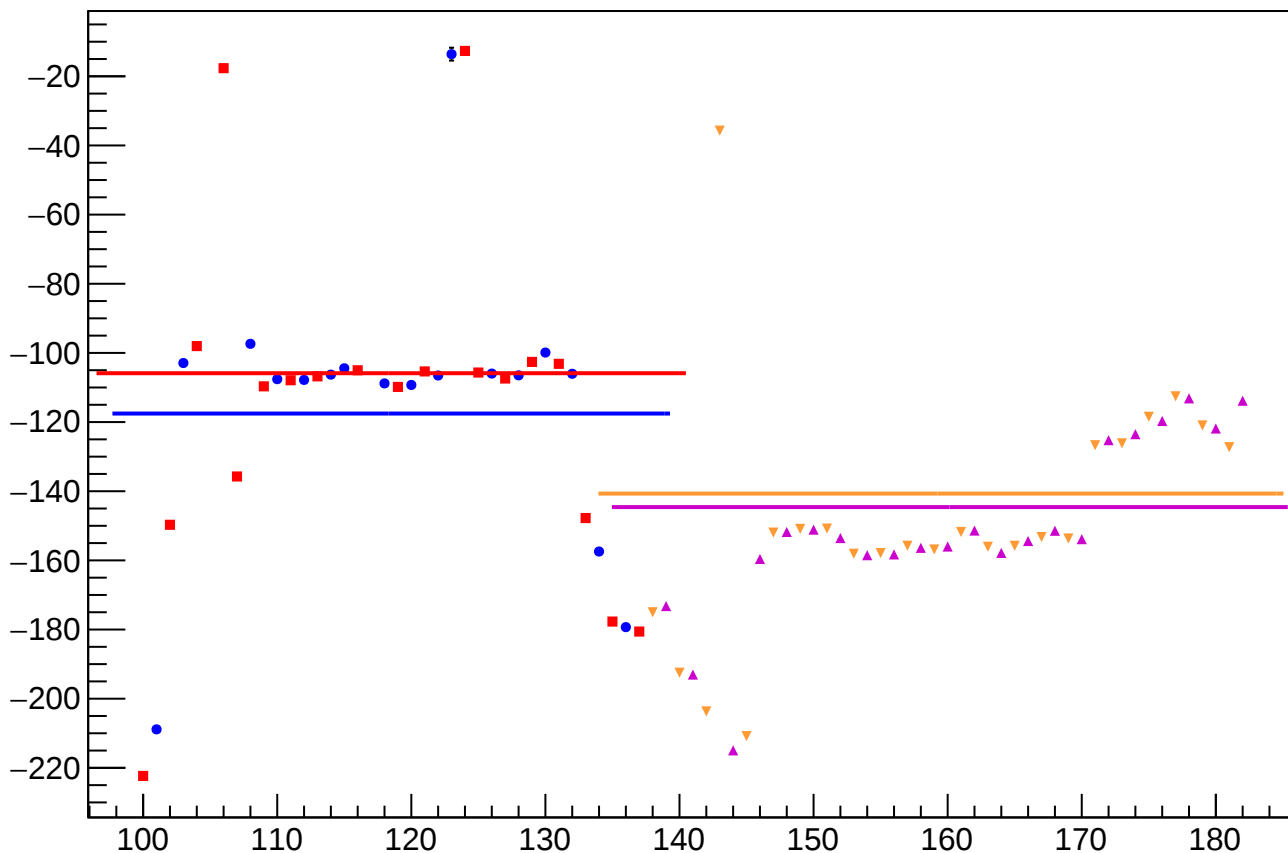
Right: 39.523+/-0.882 χ^2/NDF : 1052.5/35

In: 53.571+/-0.783 χ^2/NDF : 1044.4/38

Out: 49.924+/-0.774 χ^2/NDF : 1286.9/41

All: 51.726+/-0.551 χ^2/NDF : 2342.3/80

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533+/-0.078 χ^2/NDF : 142039.8/16

Left Out: -140.680+/-0.048 χ^2/NDF : 534677.3/22

Right Out: -105.868+/-0.073 χ^2/NDF : 324319.1/18

Left In: -144.589+/-0.047 χ^2/NDF : 250141.4/21

Left: -142.673+/-0.033 χ^2/NDF : 788260.2/44

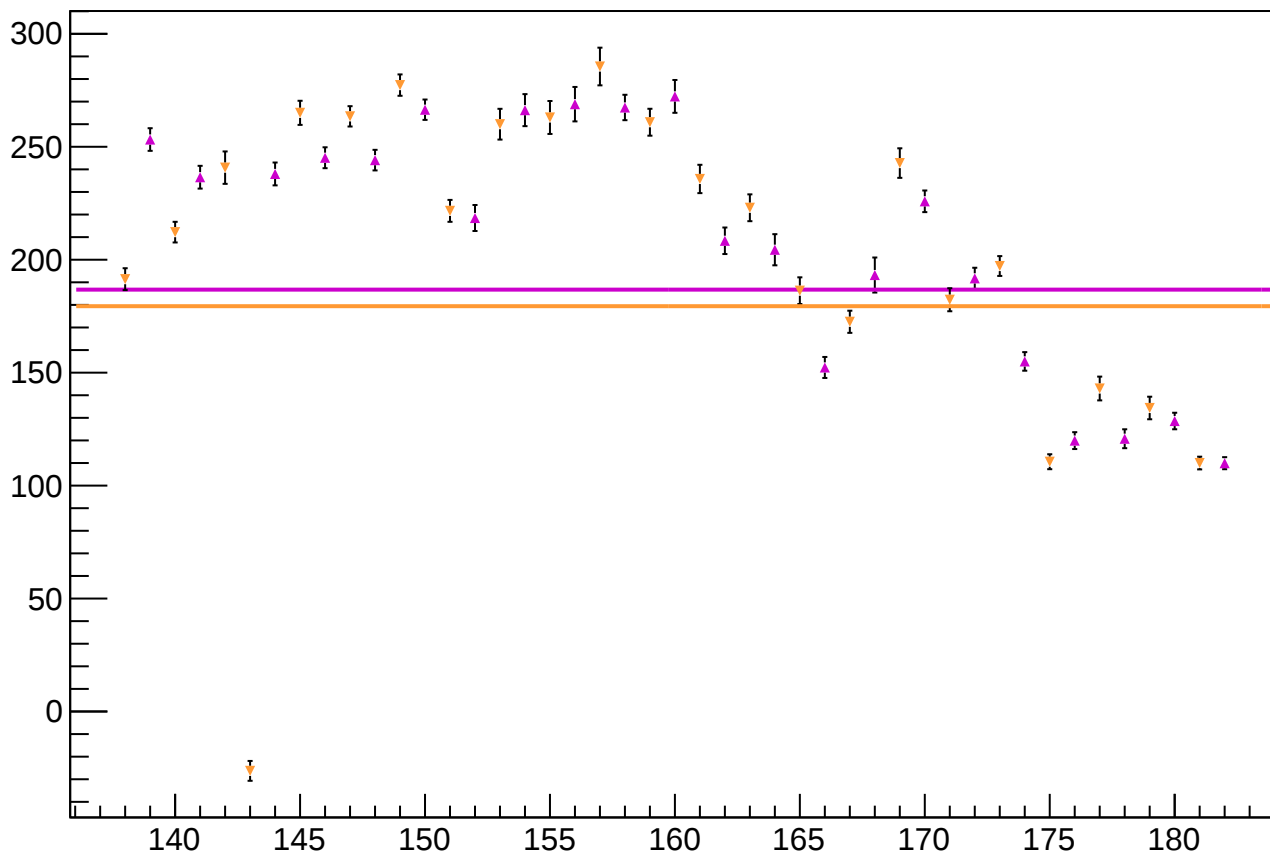
Right: -111.288+/-0.053 χ^2/NDF : 478296.7/35

In: -137.478+/-0.040 χ^2/NDF : 480591.3/38

Out: -130.258+/-0.040 χ^2/NDF : 1019311.1/41

All: -133.847+/-0.028 χ^2/NDF : 1516246.0/80

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 179.426+/-1.027 χ^2/NDF :5469.6/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Left: 183.165+/-0.719 χ^2/NDF : 8972.8/44

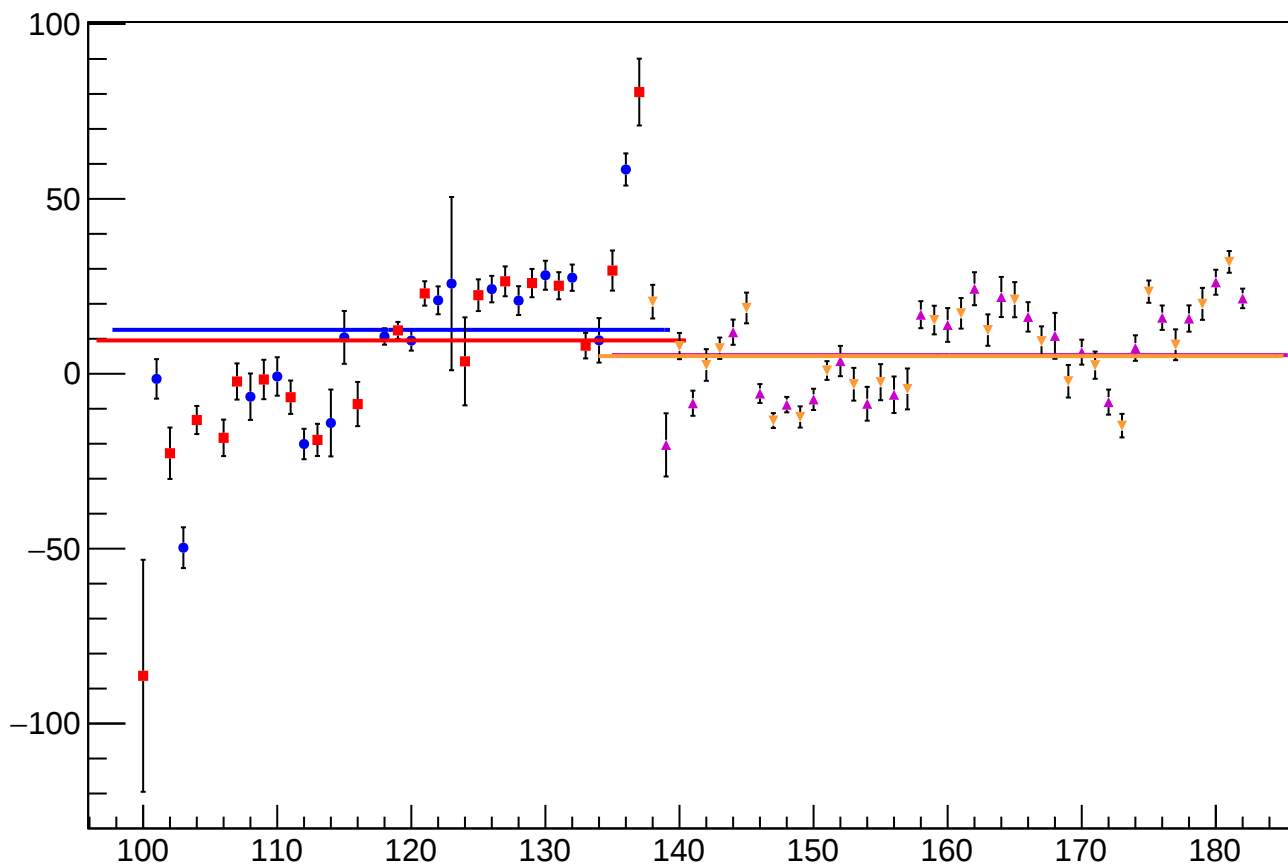
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 186.760+/-1.007 χ^2/NDF :3477.2/21

Out: 179.426+/-1.027 χ^2/NDF :5469.6/22

All: 183.165+/-0.719 χ^2/NDF : 8972.8/44

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: 5.048+/-0.775 χ^2/NDF : 325.1/22

Right Out: 9.535+/-1.049 χ^2/NDF : 295.8/18

Left In: 5.331+/-0.789 χ^2/NDF : 257.6/21

Left: 5.187+/-0.553 χ^2/NDF : 582.8/44

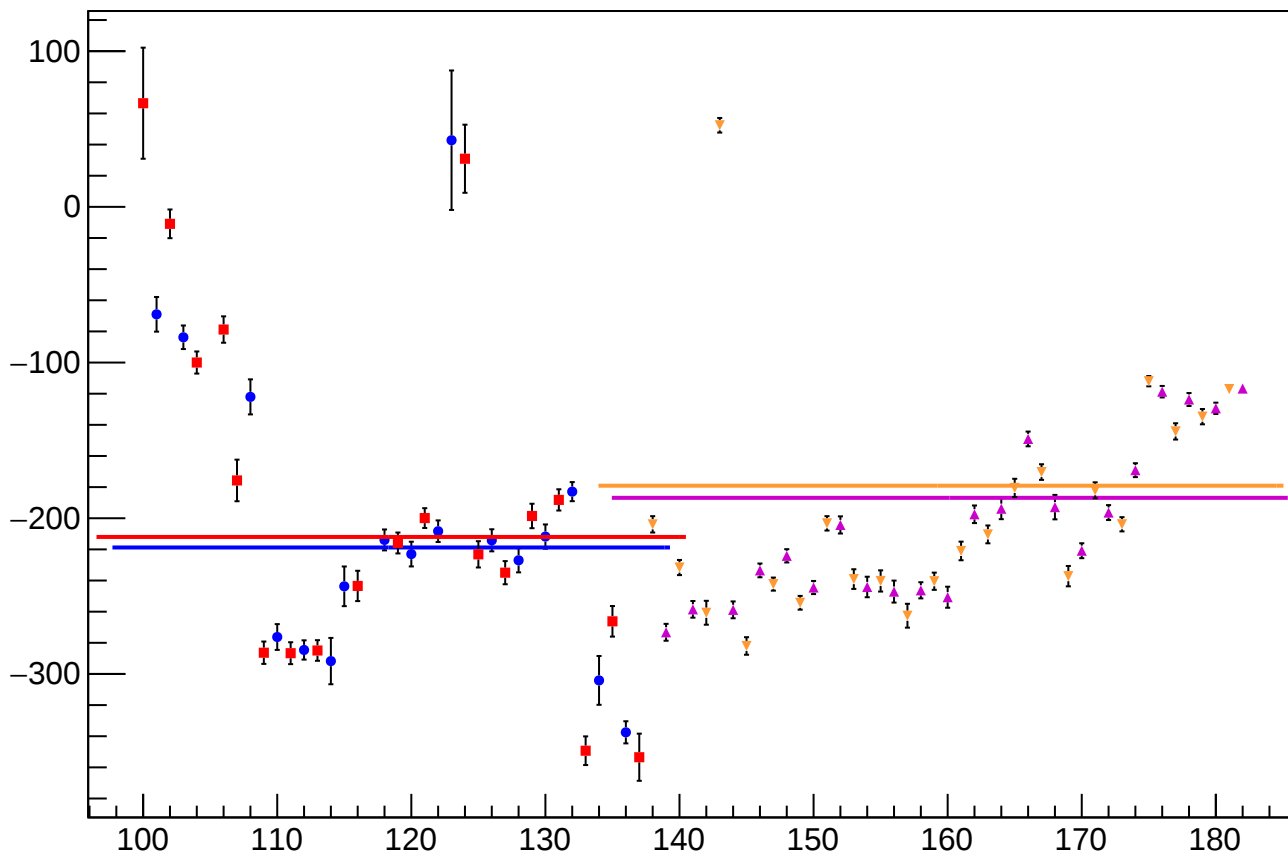
Right: 11.035+/-0.745 χ^2/NDF : 648.5/35

In: 7.916+/-0.632 χ^2/NDF : 636.2/38

Out: 6.634+/-0.624 χ^2/NDF : 632.8/41

All: 7.266+/-0.444 χ^2/NDF : 1271.1/80

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -179.090 ± 1.028 $\chi^2/\text{NDF}: 5157.7/22$

Right Out: -212.004 ± 1.923 $\chi^2/\text{NDF}: 1885.7/18$

Left In: -186.880 ± 1.006 $\chi^2/\text{NDF}: 2963.6/21$

Left: -183.072 ± 0.719 $\chi^2/\text{NDF}: 8150.6/44$

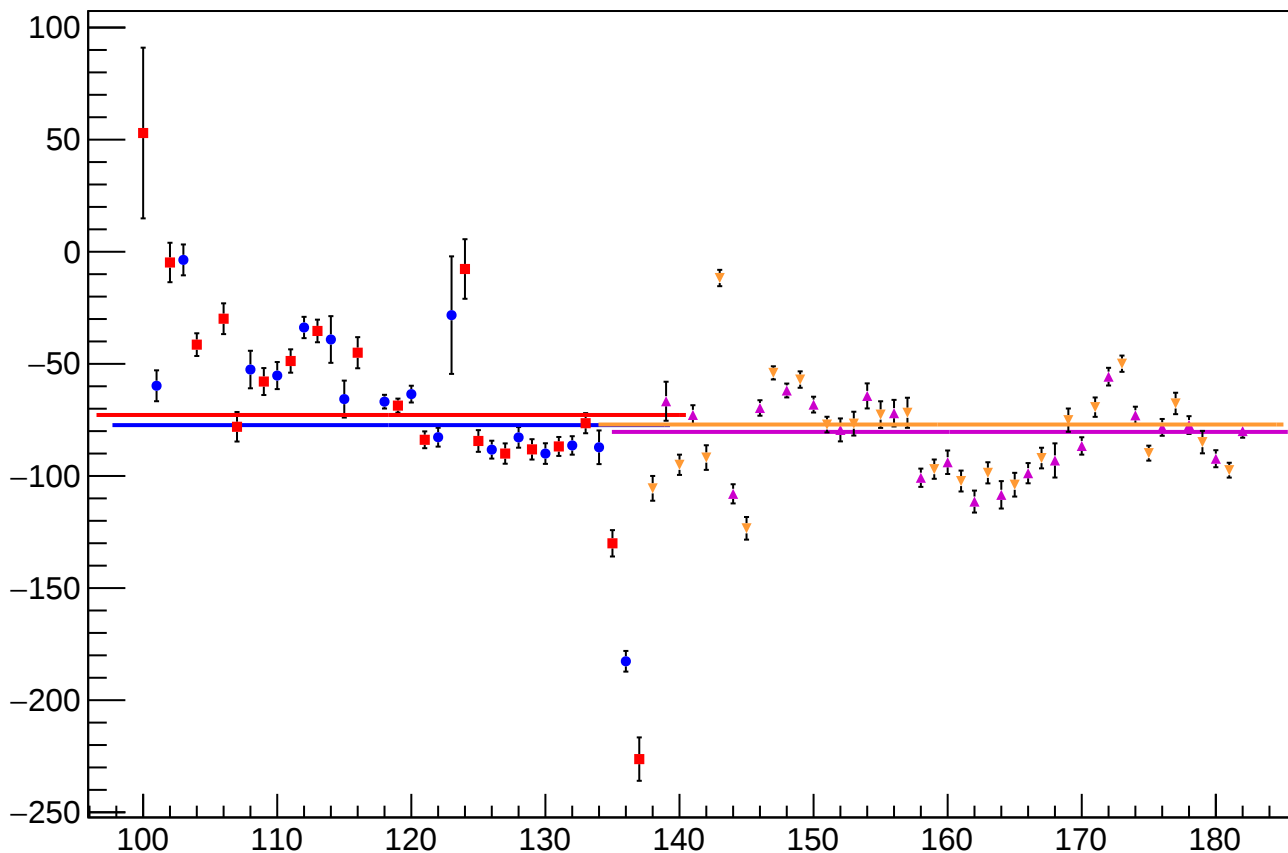
Right: -215.238 ± 1.390 $\chi^2/\text{NDF}: 3036.0/35$

In: -193.263 ± 0.899 $\chi^2/\text{NDF}: 4309.3/38$

Out: -186.405 ± 0.907 $\chi^2/\text{NDF}: 7271.1/41$

All: -189.863 ± 0.639 $\chi^2/\text{NDF}: 11609.2/80$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.319 ± 1.222 χ^2/NDF : 817.7/16

Left Out: -77.049 ± 0.895 χ^2/NDF : 773.8/22

Right Out: -72.796 ± 1.207 χ^2/NDF : 671.7/18

Left In: -80.350 ± 0.899 χ^2/NDF : 283.4/21

Left: -78.693 ± 0.635 χ^2/NDF : 1064.0/44

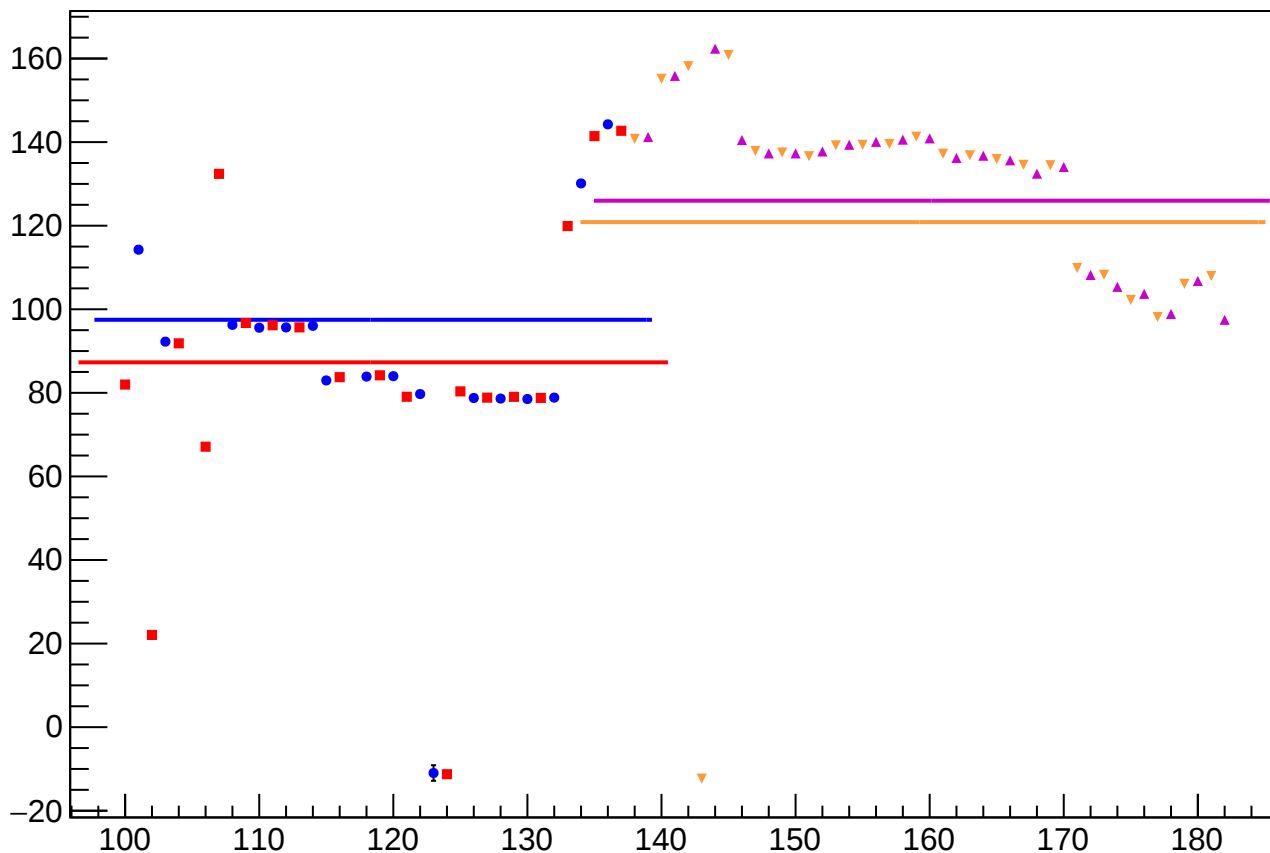
Right: -75.030 ± 0.859 χ^2/NDF : 1496.4/35

In: -79.285 ± 0.724 χ^2/NDF : 1105.1/38

Out: -75.539 ± 0.719 χ^2/NDF : 1453.5/41

All: -77.399 ± 0.510 χ^2/NDF : 2572.1/80

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: 120.859+/-0.043 χ^2/NDF : 700857.8/22

Right Out: 87.299+/-0.068 χ^2/NDF : 221885.0/18

Left In: 125.980+/-0.042 χ^2/NDF : 209370.0/21

Left: 123.476+/-0.030 χ^2/NDF : 917570.4/44

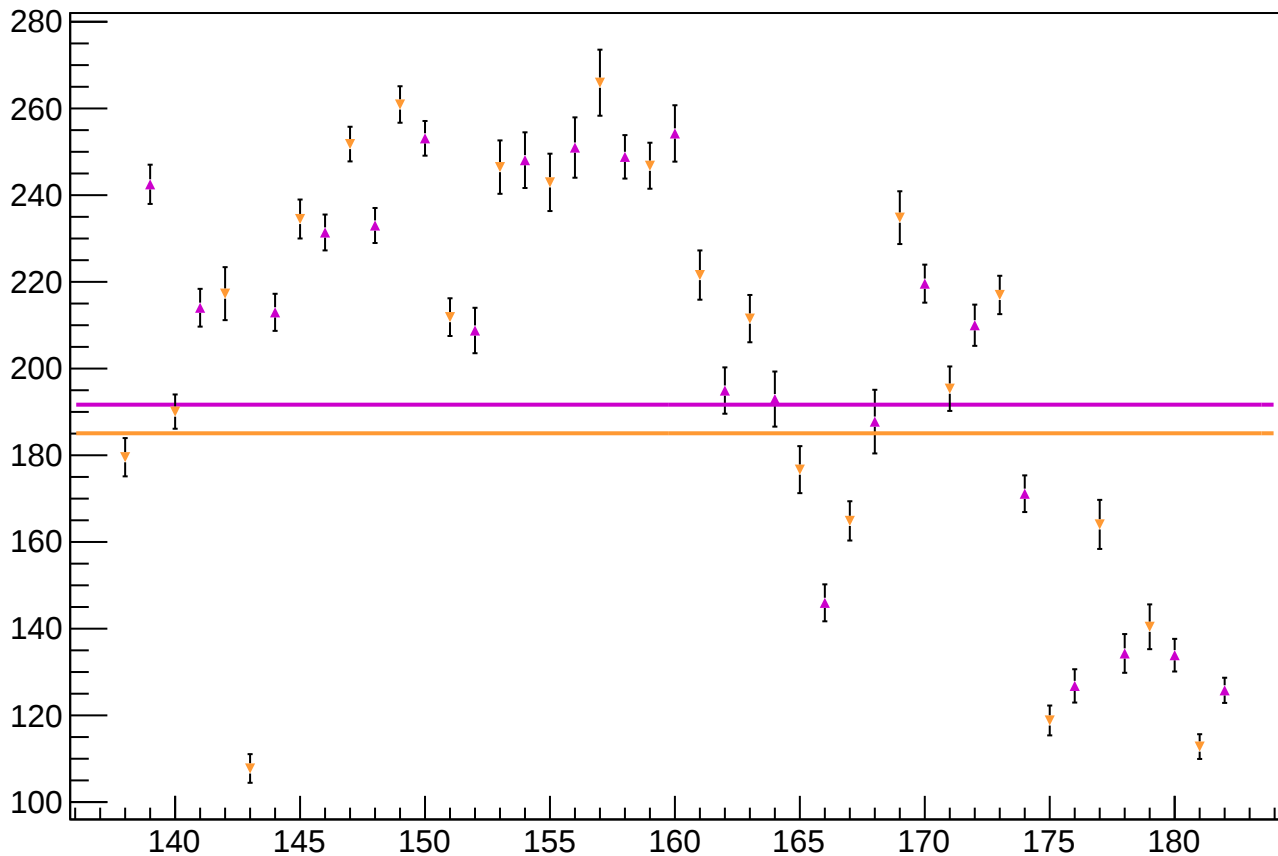
Right: 92.021+/-0.050 χ^2/NDF : 326611.0/35

In: 118.998+/-0.036 χ^2/NDF : 417672.8/38

Out: 111.405+/-0.036 χ^2/NDF : 1096566.5/41

All: 115.191+/-0.026 χ^2/NDF : 1536164.0/80

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 191.671+/-0.964 χ^2/NDF :2387.4/21

Left: 188.340+/-0.679 χ^2/NDF : 5483.9/44

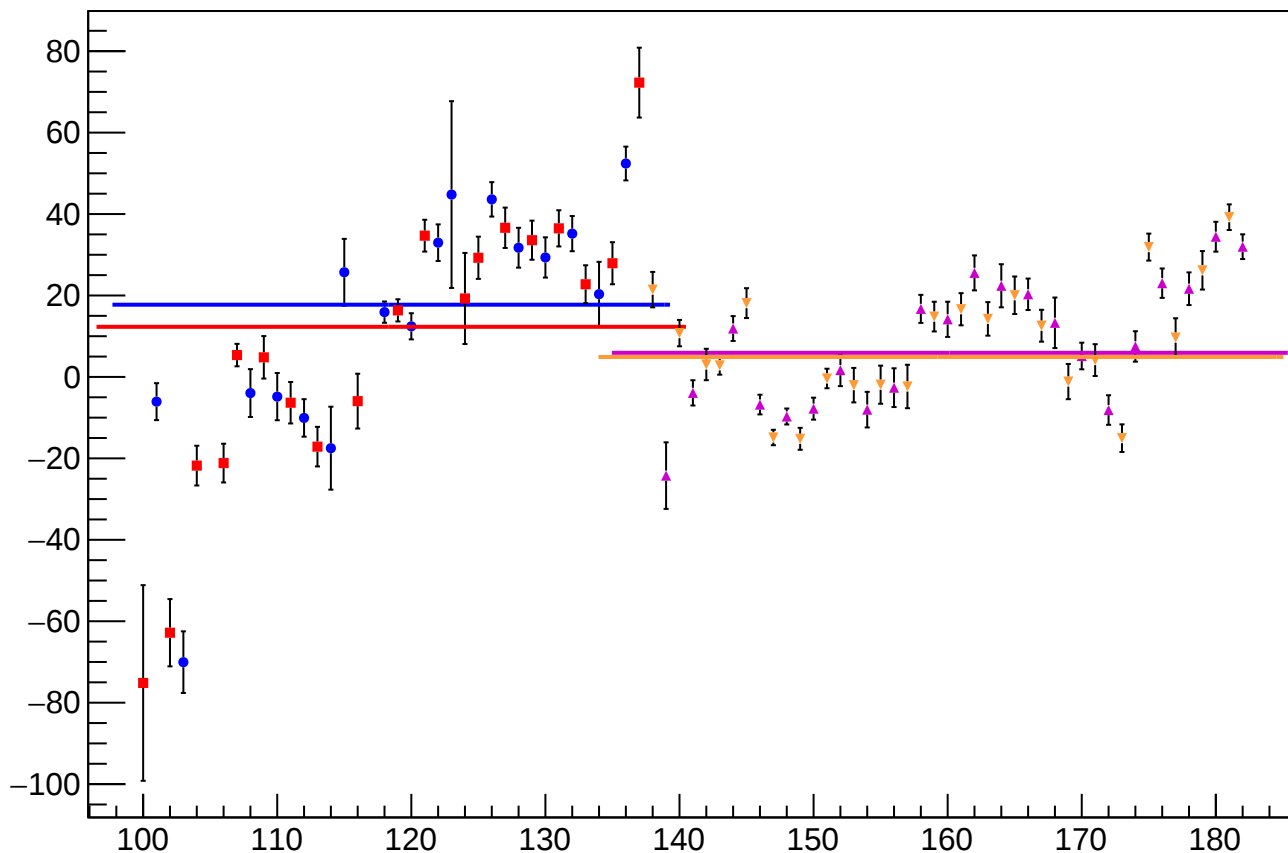
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 191.671+/-0.964 χ^2/NDF :2387.4/21

Out: 185.072+/-0.955 χ^2/NDF :3072.8/22

All: 188.340+/-0.679 χ^2/NDF : 5483.9/44

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 χ^2/NDF : 394.0/16

Left Out: 4.893 ± 0.706 χ^2/NDF : 487.0/22

Right Out: 12.306 ± 1.084 χ^2/NDF : 442.5/18

Left In: 5.925 ± 0.737 χ^2/NDF : 405.7/21

Left: 5.387 ± 0.510 χ^2/NDF : 893.8/44

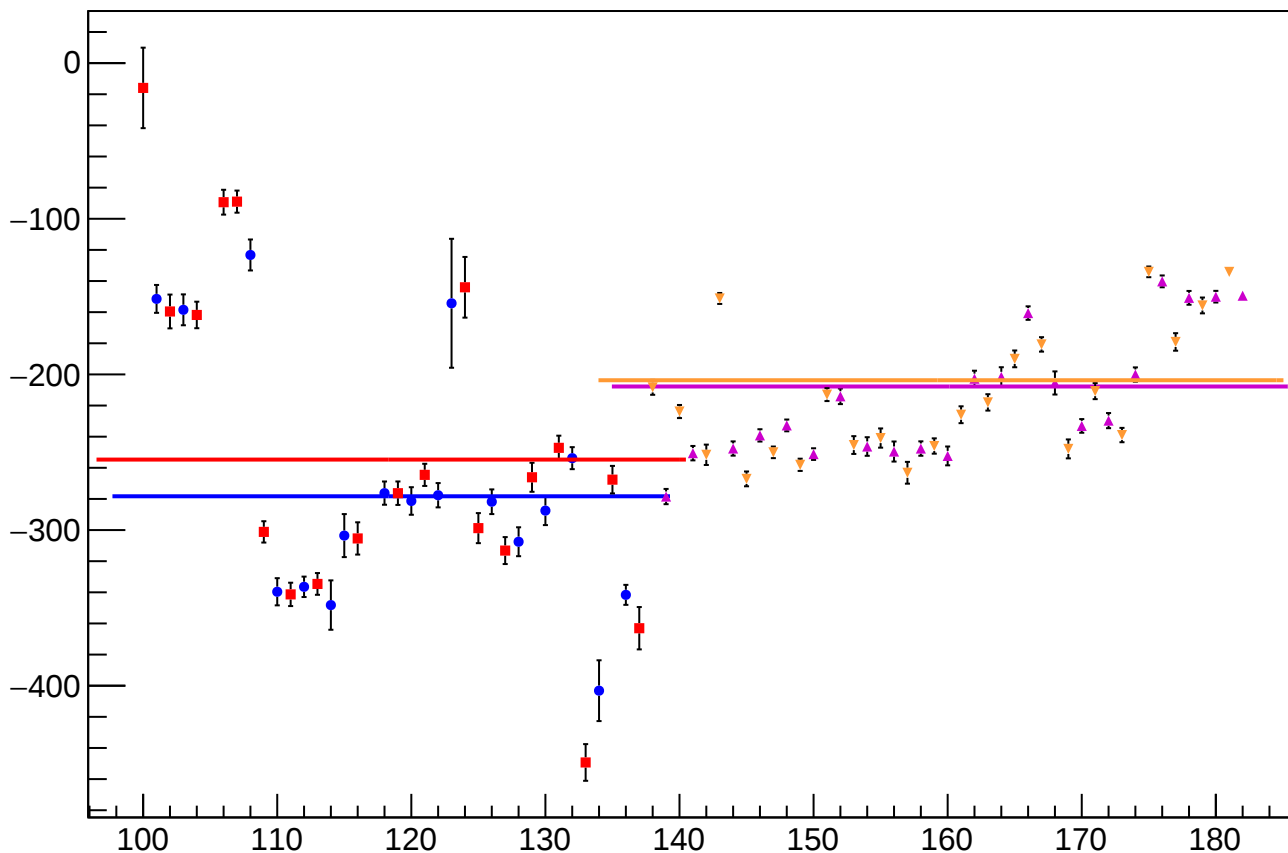
Right: 14.864 ± 0.788 χ^2/NDF : 848.3/35

In: 9.371 ± 0.620 χ^2/NDF : 874.6/38

Out: 7.100 ± 0.591 χ^2/NDF : 962.3/41

All: 8.181 ± 0.428 χ^2/NDF : 1843.9/80

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: -203.744 ± 0.957 χ^2/NDF : 2298.7/22

Right Out: -254.713 ± 2.019 χ^2/NDF : 2038.0/18

Left In: -207.760 ± 0.960 χ^2/NDF : 2093.0/21

Left: -205.745 ± 0.678 χ^2/NDF : 4400.4/44

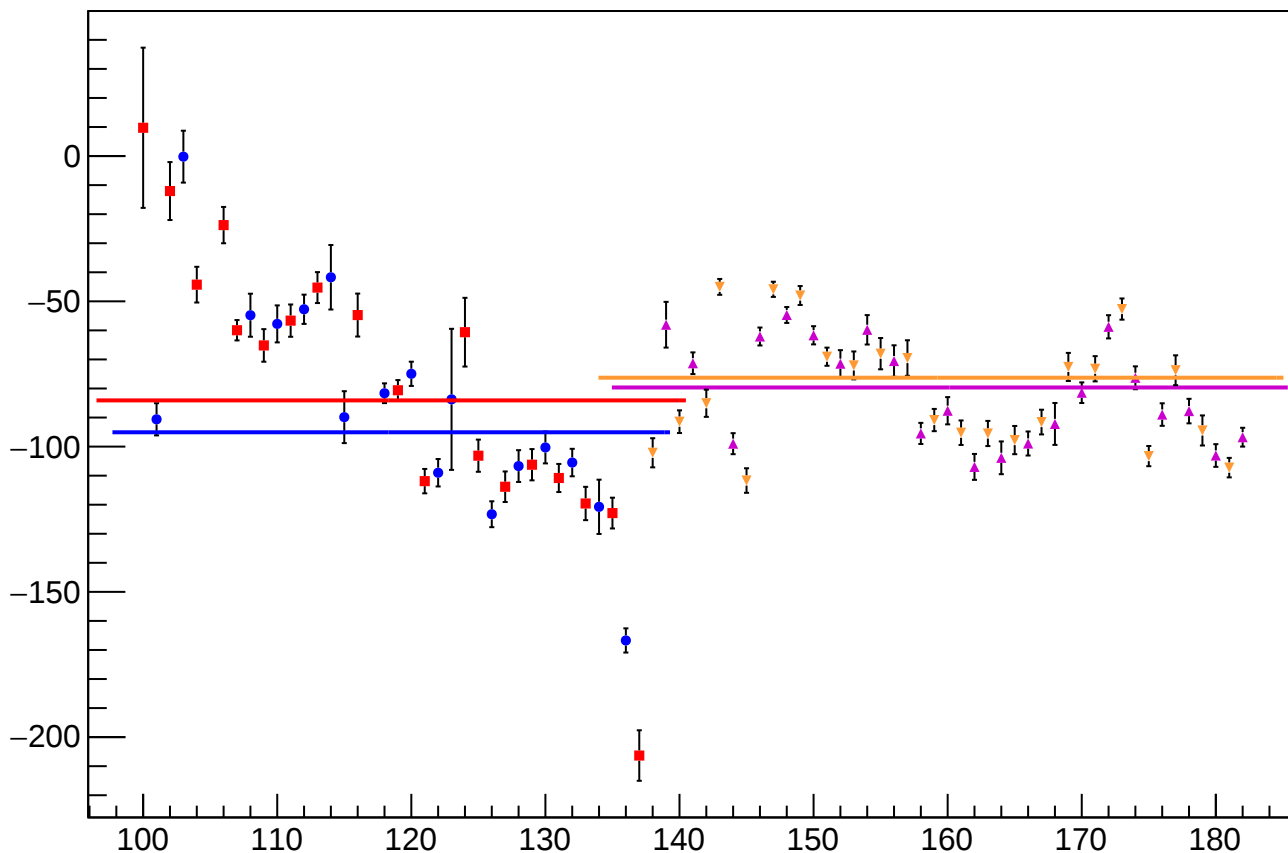
Right: -265.641 ± 1.479 χ^2/NDF : 3011.2/35

In: -219.288 ± 0.878 χ^2/NDF : 3885.0/38

Out: -213.095 ± 0.865 χ^2/NDF : 4857.2/41

All: -216.143 ± 0.616 χ^2/NDF : 8767.5/80

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -76.285 ± 0.821 χ^2/NDF : 754.9/22

Right Out: -84.094 ± 1.257 χ^2/NDF : 780.4/18

Left In: -79.650 ± 0.847 χ^2/NDF : 414.9/21

Left: -77.916 ± 0.590 χ^2/NDF : 1177.9/44

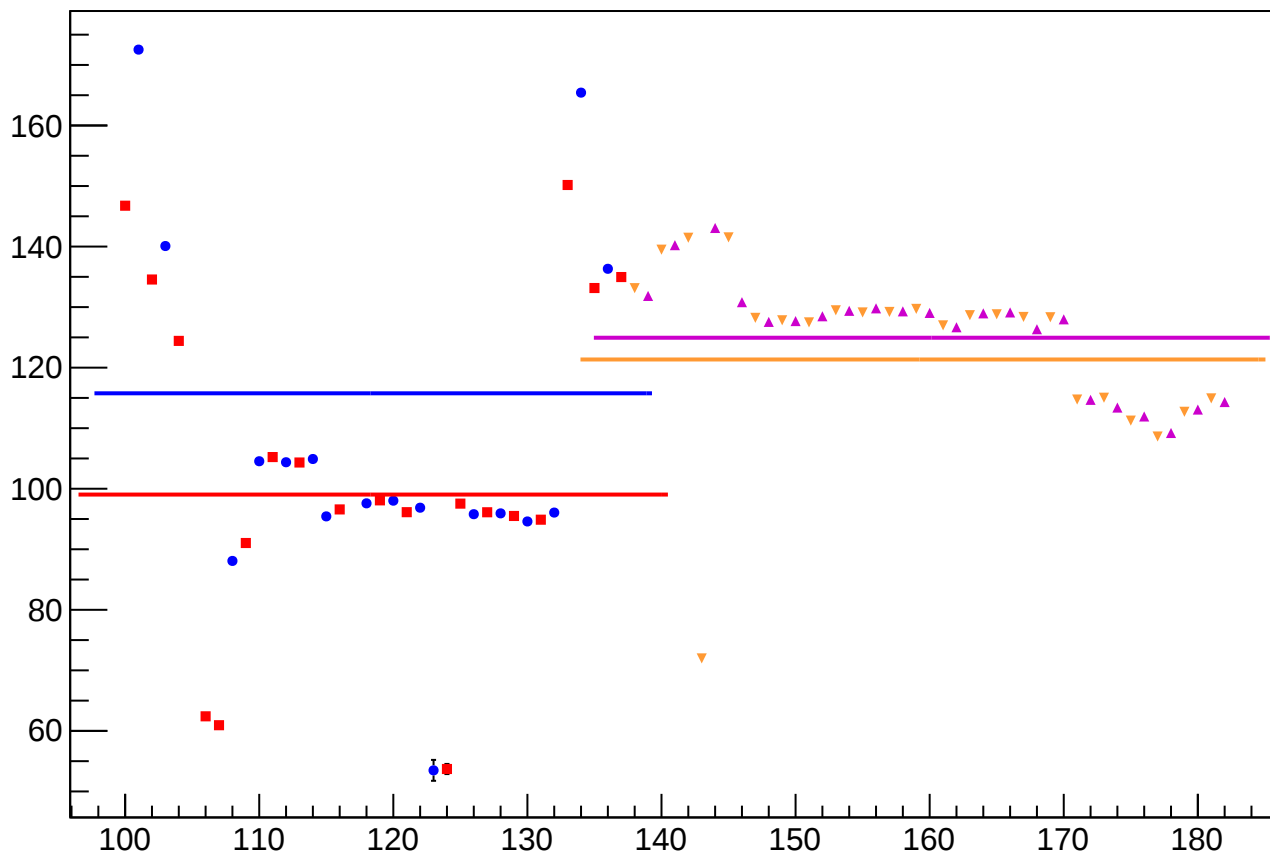
Right: -89.294 ± 0.912 χ^2/NDF : 1489.7/35

In: -84.122 ± 0.714 χ^2/NDF : 1184.2/38

Out: -78.622 ± 0.688 χ^2/NDF : 1562.4/41

All: -81.269 ± 0.495 χ^2/NDF : 2777.4/80

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: 121.349 $\pm$ 0.040 χ^2 /NDF: 180730.5/22

Right Out: 99.037 $\pm$ 0.068 χ^2 /NDF: 173477.1/18

Left In: 124.941 $\pm$ 0.040 χ^2 /NDF: 50454.6/21

Left: 123.143 $\pm$ 0.028 χ^2 /NDF: 235307.2/44

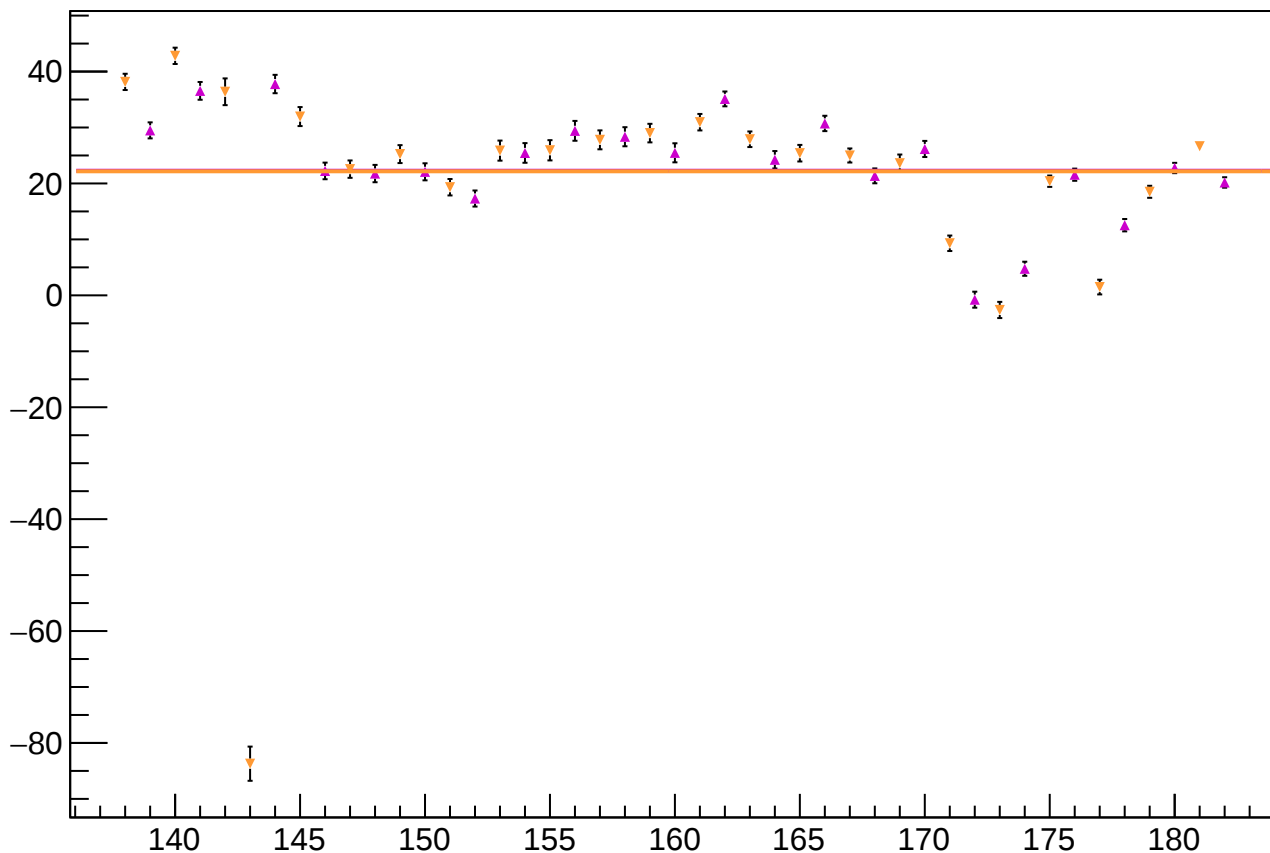
Right: 106.308 $\pm$ 0.051 χ^2 /NDF: 305708.8/35

In: 123.065 $\pm$ 0.035 χ^2 /NDF: 167744.2/38

Out: 115.769 $\pm$ 0.034 χ^2 /NDF: 433820.8/41

All: 119.305 $\pm$ 0.025 χ^2 /NDF: 623567.3/80

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 22.174 $\pm$ 0.296 χ^2 /NDF:2366.8/22

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 22.268 $\pm$ 0.288 χ^2 /NDF:921.0/21

Left: 22.223 $\pm$ 0.207 χ^2 /NDF: 3287.8/44

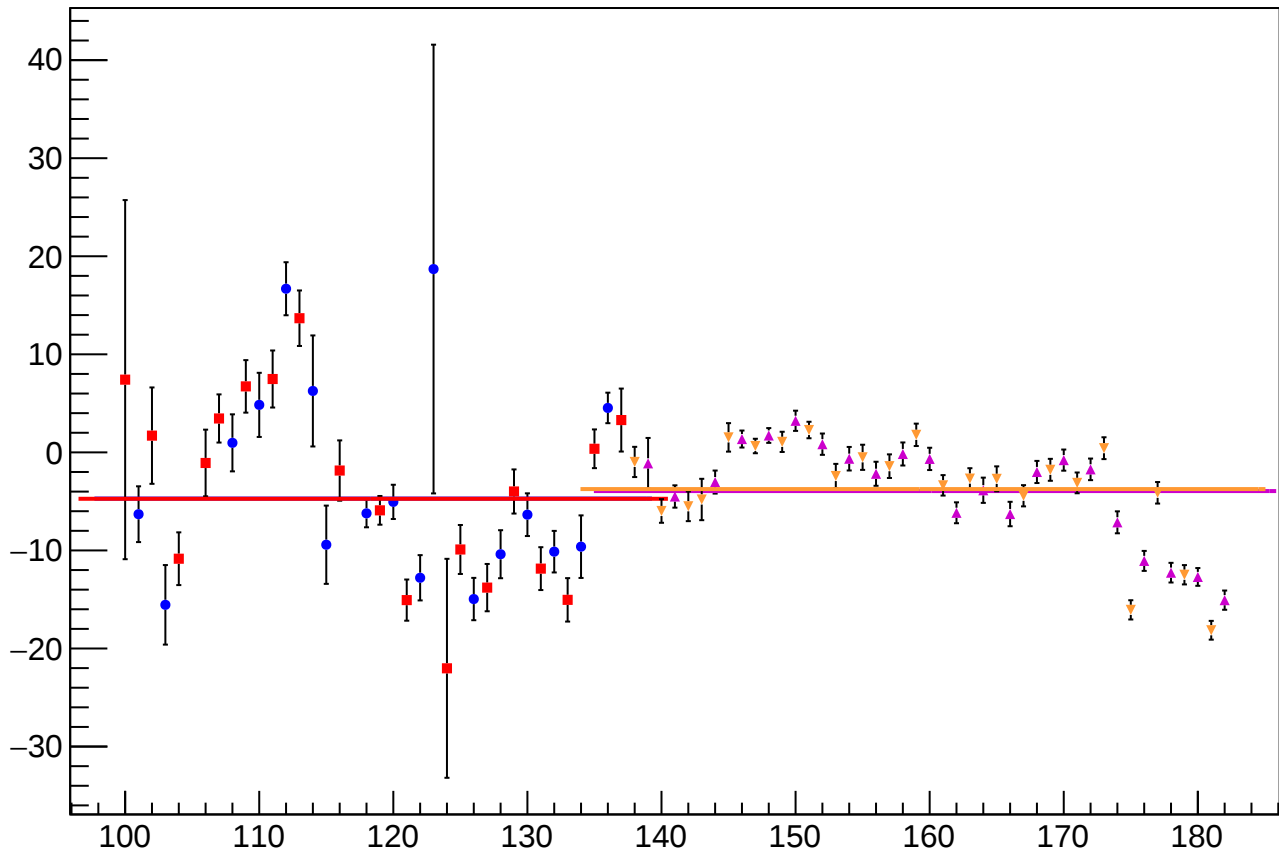
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 22.268 $\pm$ 0.288 χ^2 /NDF:921.0/21

Out: 22.174 $\pm$ 0.296 χ^2 /NDF:2366.8/22

All: 22.223 $\pm$ 0.207 χ^2 /NDF: 3287.8/44

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: -3.743 ± 0.230 $\chi^2/\text{NDF}: 646.8/22$

Right Out: -4.732 ± 0.585 $\chi^2/\text{NDF}: 189.7/18$

Left In: -3.946 ± 0.229 $\chi^2/\text{NDF}: 563.4/21$

Left: -3.845 ± 0.162 $\chi^2/\text{NDF}: 1210.6/44$

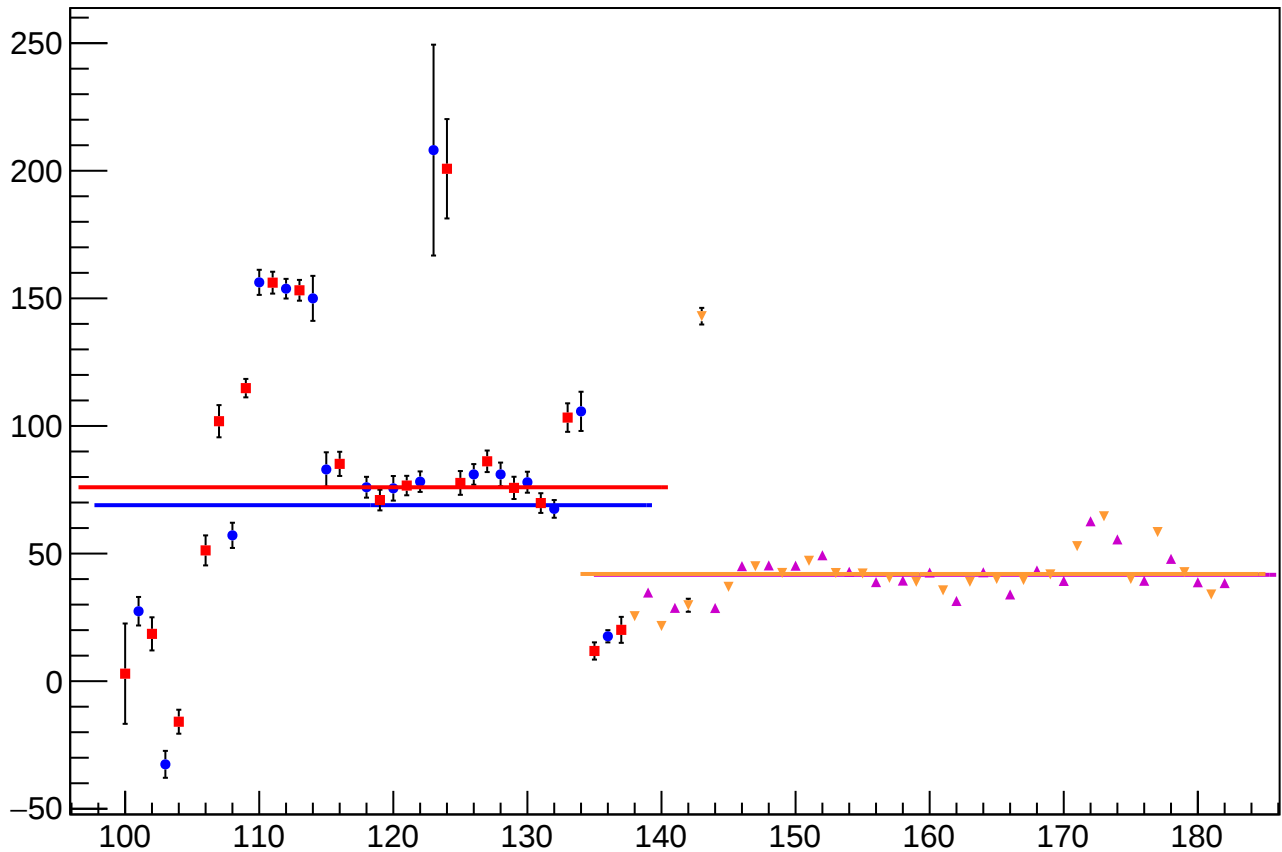
Right: -4.723 ± 0.412 $\chi^2/\text{NDF}: 364.4/35$

In: -4.050 ± 0.213 $\chi^2/\text{NDF}: 739.6/38$

Out: -3.875 ± 0.214 $\chi^2/\text{NDF}: 839.0/41$

All: -3.963 ± 0.151 $\chi^2/\text{NDF}: 1579.0/80$

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 42.007 ± 0.294 $\chi^2/\text{NDF}: 1855.7/22$

Right Out: 75.982 ± 1.069 $\chi^2/\text{NDF}: 1894.8/18$

Left In: 41.676 ± 0.287 $\chi^2/\text{NDF}: 656.5/21$

Left: 41.837 ± 0.205 $\chi^2/\text{NDF}: 2512.9/44$

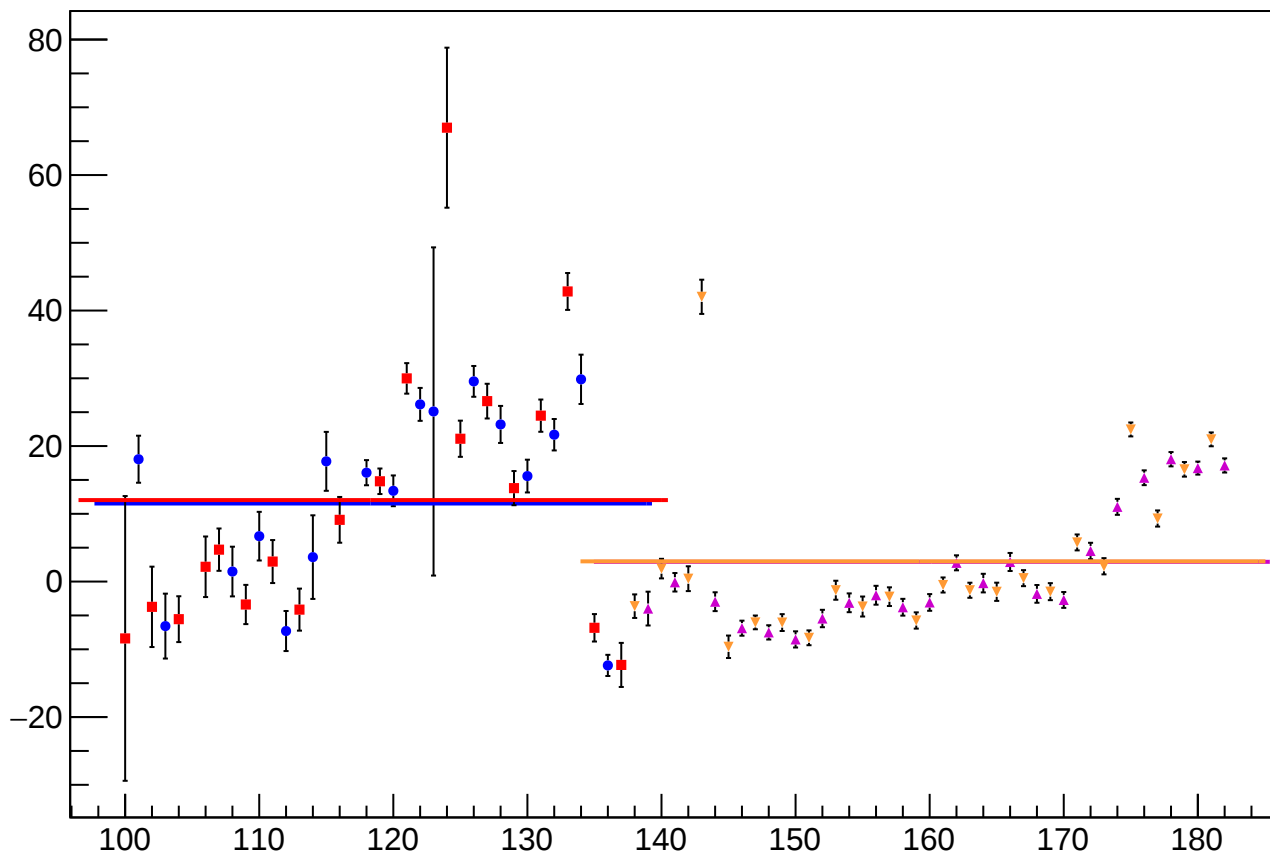
Right: 72.502 ± 0.760 $\chi^2/\text{NDF}: 3760.2/35$

In: 43.474 ± 0.277 $\chi^2/\text{NDF}: 3097.9/38$

Out: 44.401 ± 0.284 $\chi^2/\text{NDF}: 4688.8/41$

All: 43.926 ± 0.198 $\chi^2/\text{NDF}: 7792.1/80$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521+/-0.660 χ^2/NDF : 477.2/16

Left Out: 2.983+/-0.261 χ^2/NDF : 1563.7/22

Right Out: 12.026+/-0.664 χ^2/NDF : 539.7/18

Left In: 2.914+/-0.259 χ^2/NDF : 1242.0/21

Left: 2.948+/-0.184 χ^2/NDF : 2805.7/44

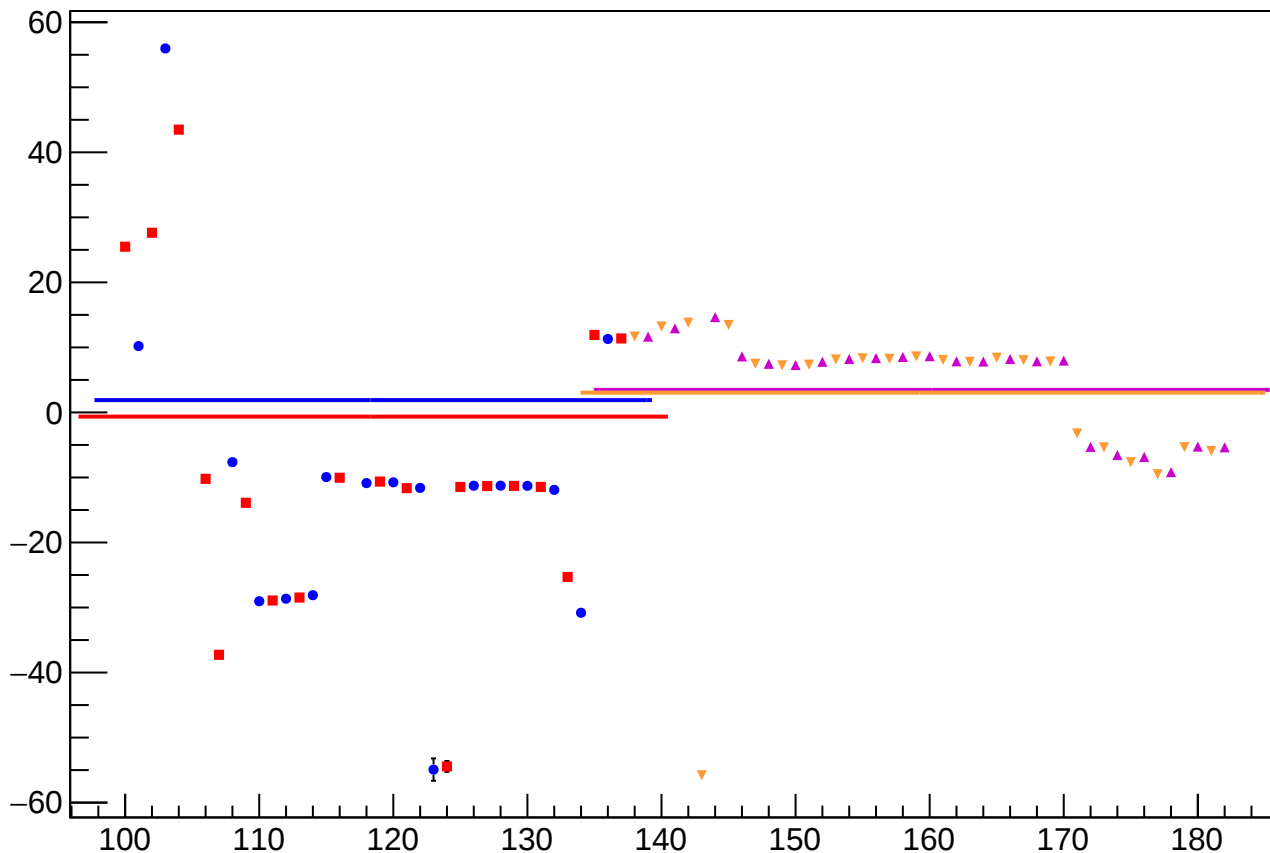
Right: 11.772+/-0.468 χ^2/NDF : 1017.2/35

In: 4.061+/-0.241 χ^2/NDF : 1866.6/38

Out: 4.192+/-0.243 χ^2/NDF : 2263.9/41

All: 4.126+/-0.171 χ^2/NDF : 4130.7/80

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896+/-0.037 χ^2/NDF : 358855.7/16

Left Out: 3.044+/-0.012 χ^2/NDF :582103.7/22

Right Out: -0.644+/-0.037 χ^2/NDF : 361626.2/18

Left In: 3.470+/-0.012 χ^2/NDF :397454.5/21

Left: 3.262+/-0.008 χ^2/NDF : 980200.6/44

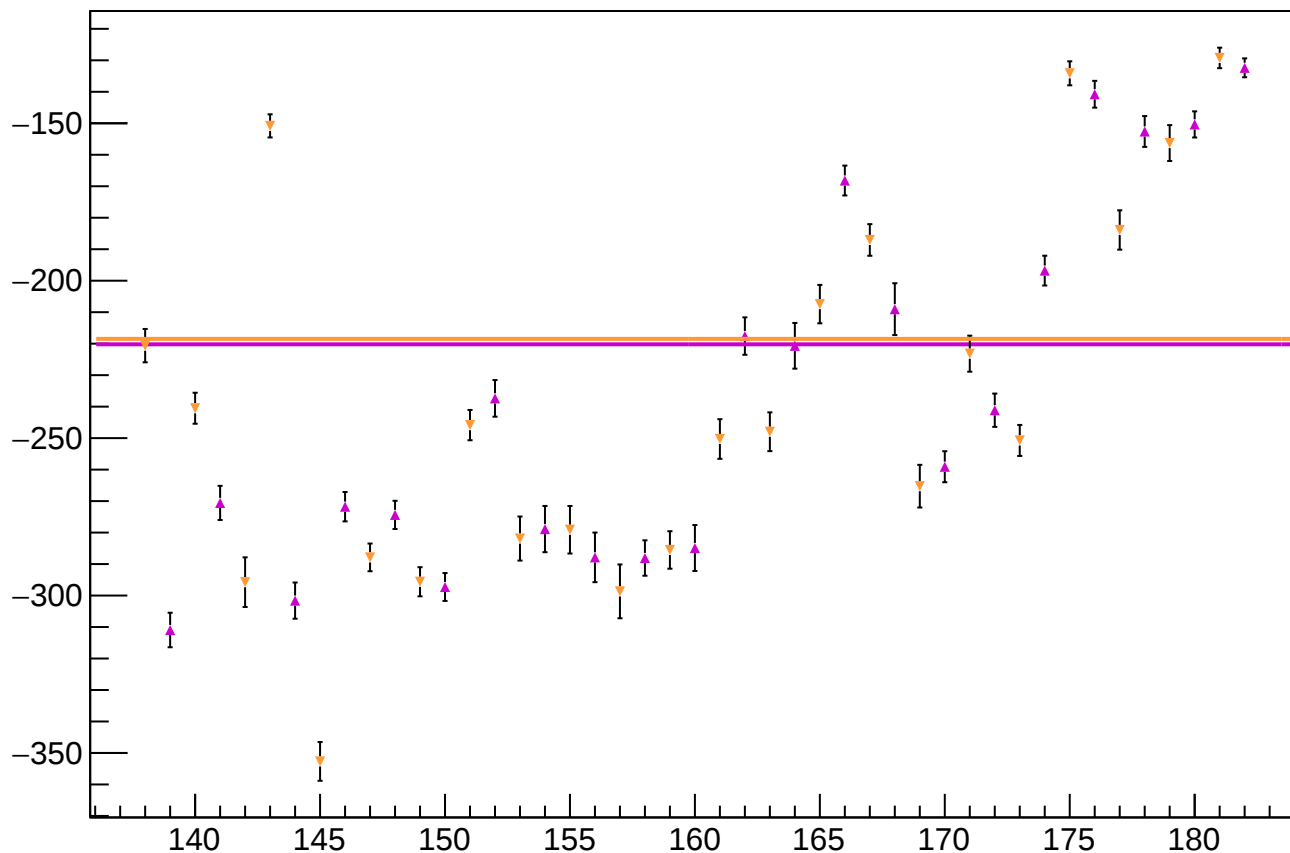
Right: 0.626+/-0.026 χ^2/NDF : 722831.9/35

In: 3.326+/-0.011 χ^2/NDF :757950.8/38

Out: 2.692+/-0.011 χ^2/NDF :952693.0/41

All: 3.017+/-0.008 χ^2/NDF : 1712214.2/80

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -218.471+/-1.087 χ^2/NDF :3425.8/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -220.206+/-1.083 χ^2/NDF :3405.9/21

Left: -219.342+/-0.767 χ^2/NDF : 6833.0/44

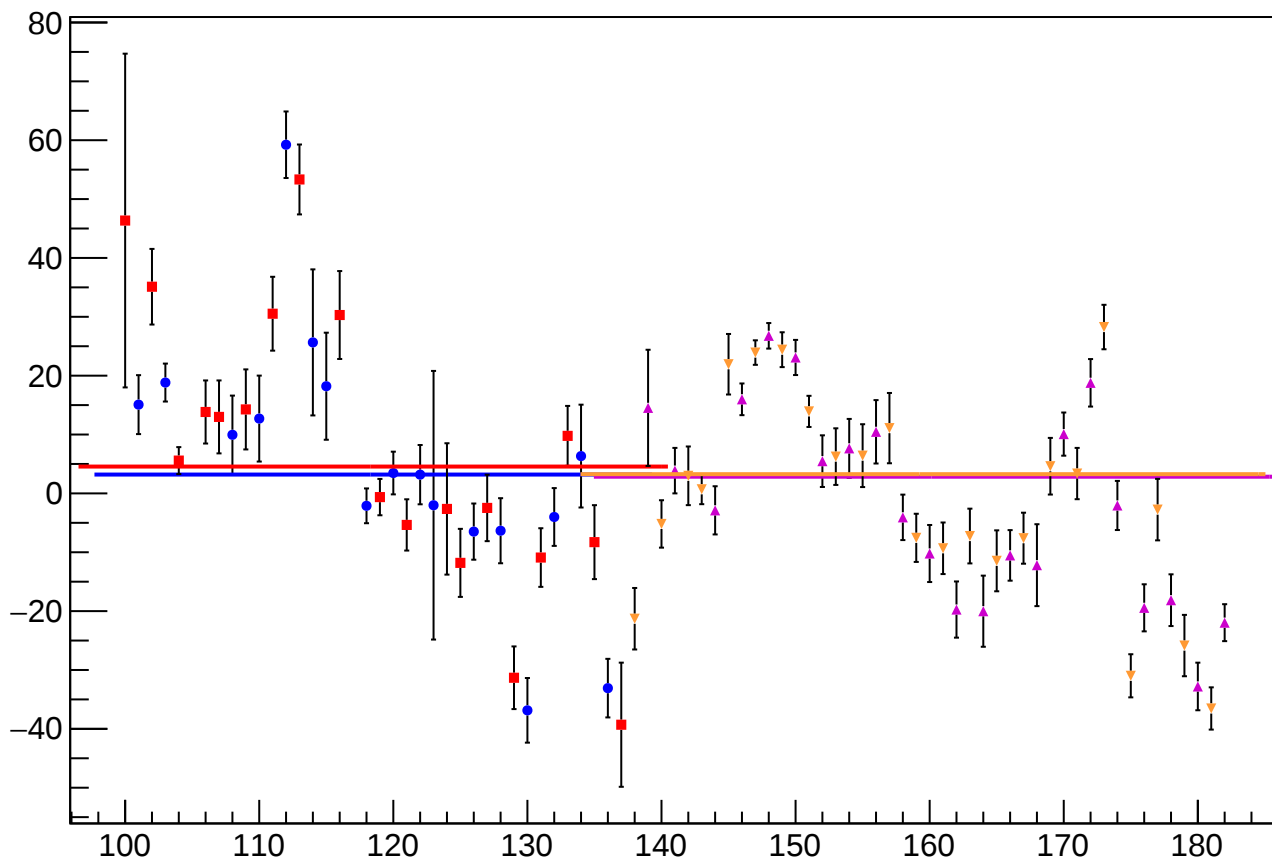
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -220.206+/-1.083 χ^2/NDF :3405.9/21

Out: -218.471+/-1.087 χ^2/NDF :3425.8/22

All: -219.342+/-0.767 χ^2/NDF : 6833.0/44

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: 3.265+/-0.799 χ^2/NDF : 530.5/22

Right Out: 4.558+/-1.158 χ^2/NDF : 223.9/18

Left In: 2.835+/-0.830 χ^2/NDF : 474.5/21

Left: 3.058+/-0.576 χ^2/NDF : 1005.2/44

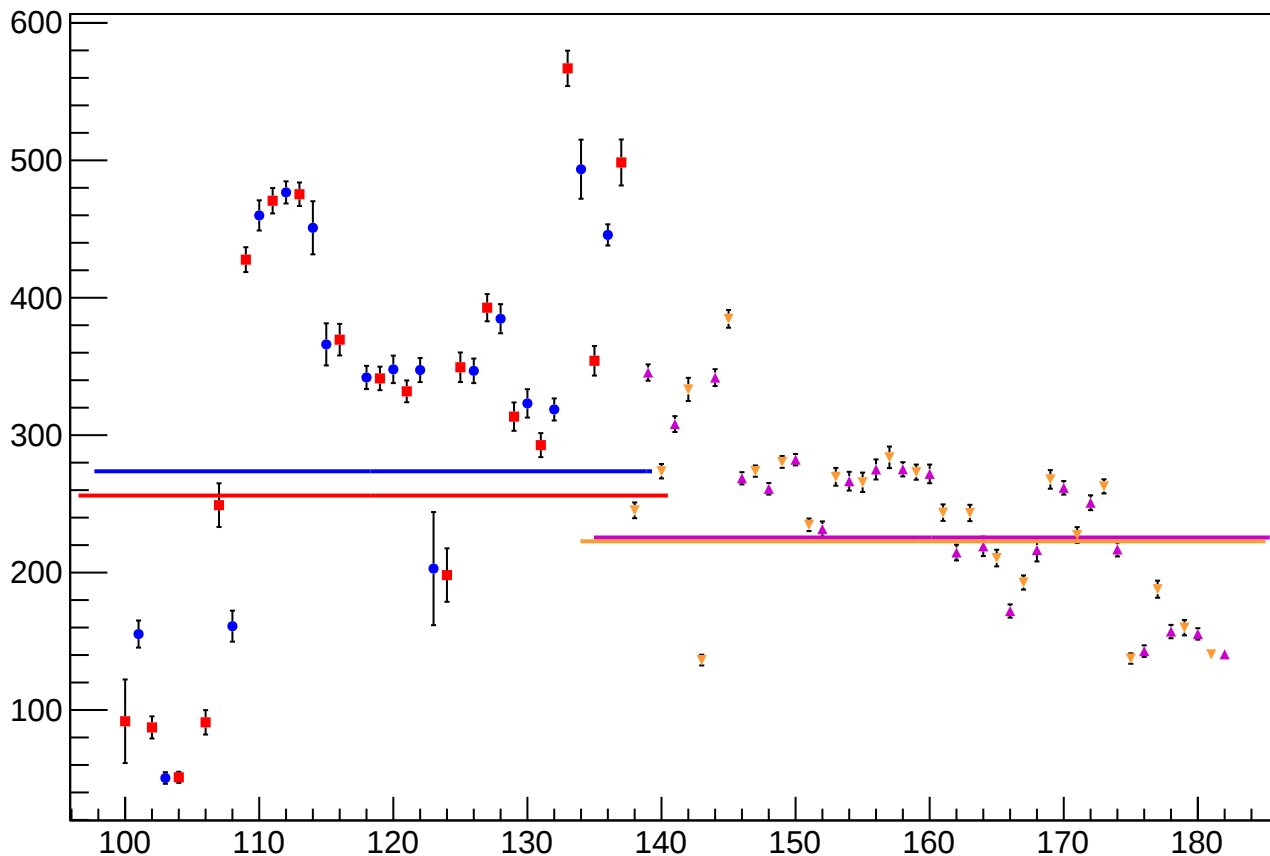
Right: 3.919+/-0.842 χ^2/NDF : 479.7/35

In: 2.949+/-0.687 χ^2/NDF : 729.8/38

Out: 3.682+/-0.658 χ^2/NDF : 755.3/41

All: 3.332+/-0.475 χ^2/NDF : 1485.7/80

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2/NDF : 5103.3/16

Left Out: 222.781 $\pm$ 1.085 χ^2/NDF :3390.3/22

Right Out: 256.055 $\pm$ 2.079 χ^2/NDF : 6441.1/18

Left In: 225.531 $\pm$ 1.076 χ^2/NDF :3368.8/21

Left: 224.167 $\pm$ 0.764 χ^2/NDF : 6762.4/44

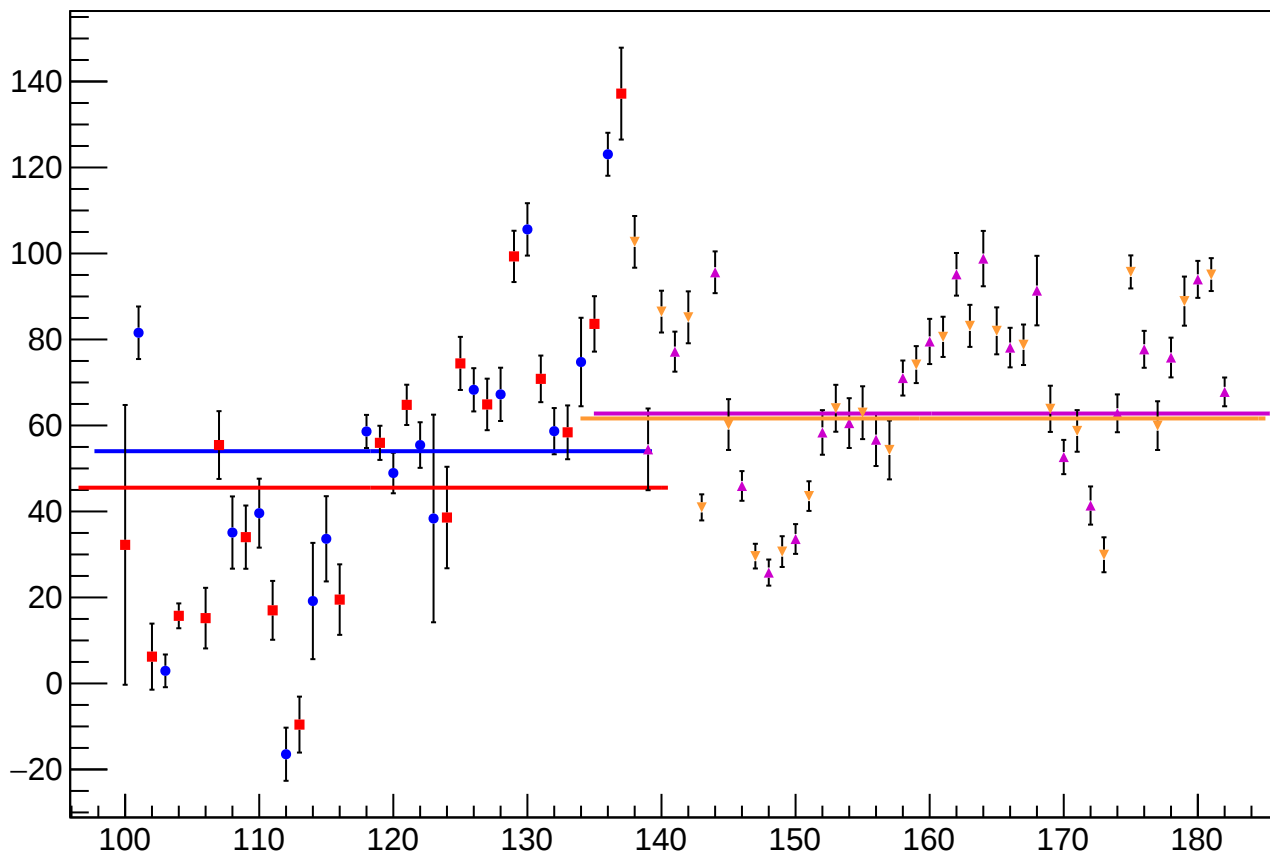
Right: 264.408 $\pm$ 1.509 χ^2/NDF : 11578.5/35

In: 234.875 $\pm$ 0.966 χ^2/NDF :8860.8/38

Out: 229.910 $\pm$ 0.962 χ^2/NDF :10032.7/41

All: 232.382 $\pm$ 0.682 χ^2/NDF : 18906.7/80

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 54.016 $\pm$ 1.423 χ^2 /NDF: 632.9/16

Left Out: 61.627 $\pm$ 0.930 χ^2 /NDF:673.4/22

Right Out: 45.529 $\pm$ 1.357 χ^2 /NDF: 526.8/18

Left In: 62.775 $\pm$ 0.952 χ^2 /NDF:517.5/21

Left: 62.188 $\pm$ 0.665 χ^2 /NDF: 1191.6/44

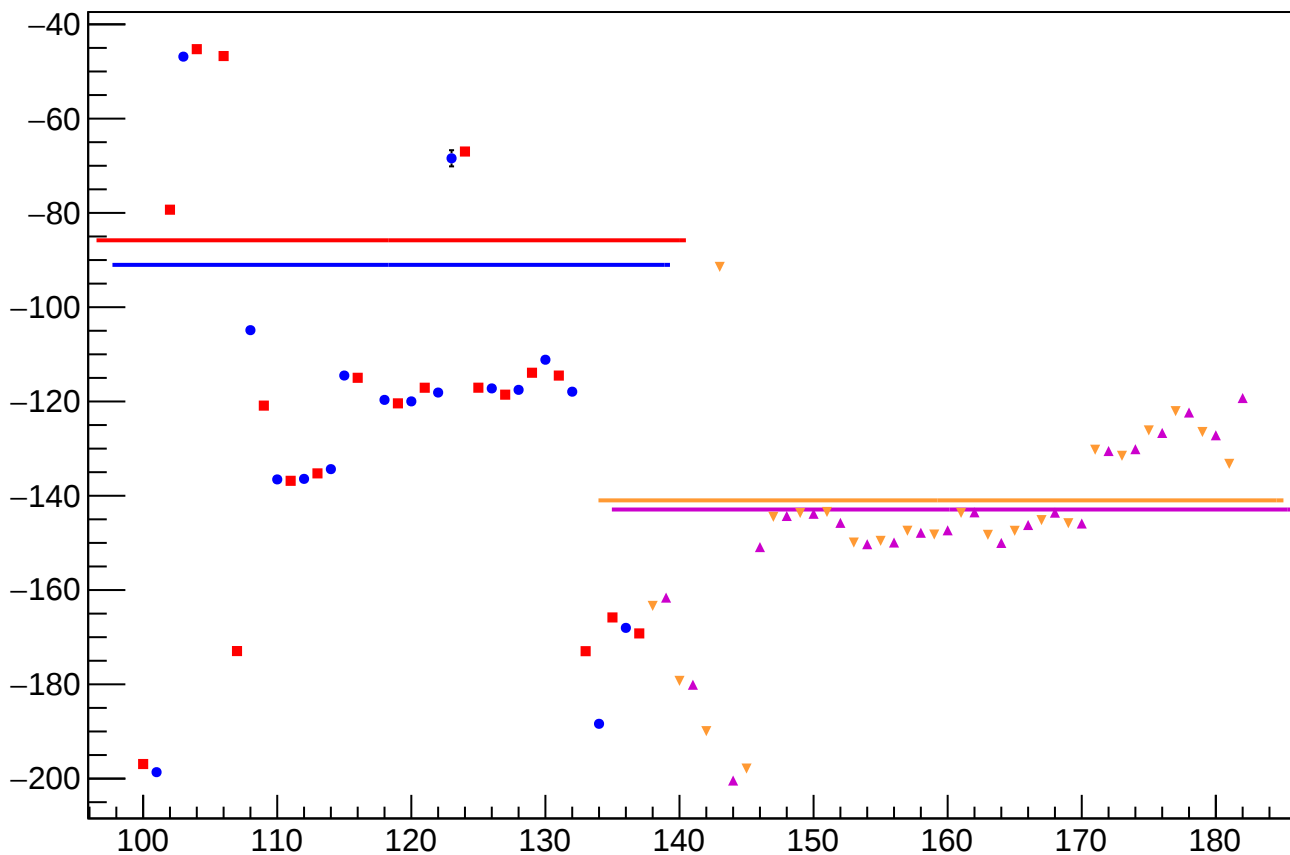
Right: 49.571 $\pm$ 0.982 χ^2 /NDF: 1178.3/35

In: 60.066 $\pm$ 0.792 χ^2 /NDF:1176.5/38

Out: 56.481 $\pm$ 0.767 χ^2 /NDF:1295.9/41

All: 58.218 $\pm$ 0.551 χ^2 /NDF: 2483.0/80

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: -140.978 ± 0.045 $\chi^2/\text{NDF}: 237265.5/22$

Right Out: -85.811 ± 0.065 $\chi^2/\text{NDF}: 495868.7/18$

Left In: -142.919 ± 0.045 $\chi^2/\text{NDF}: 138576.7/21$

Left: -141.956 ± 0.032 $\chi^2/\text{NDF}: 376782.7/44$

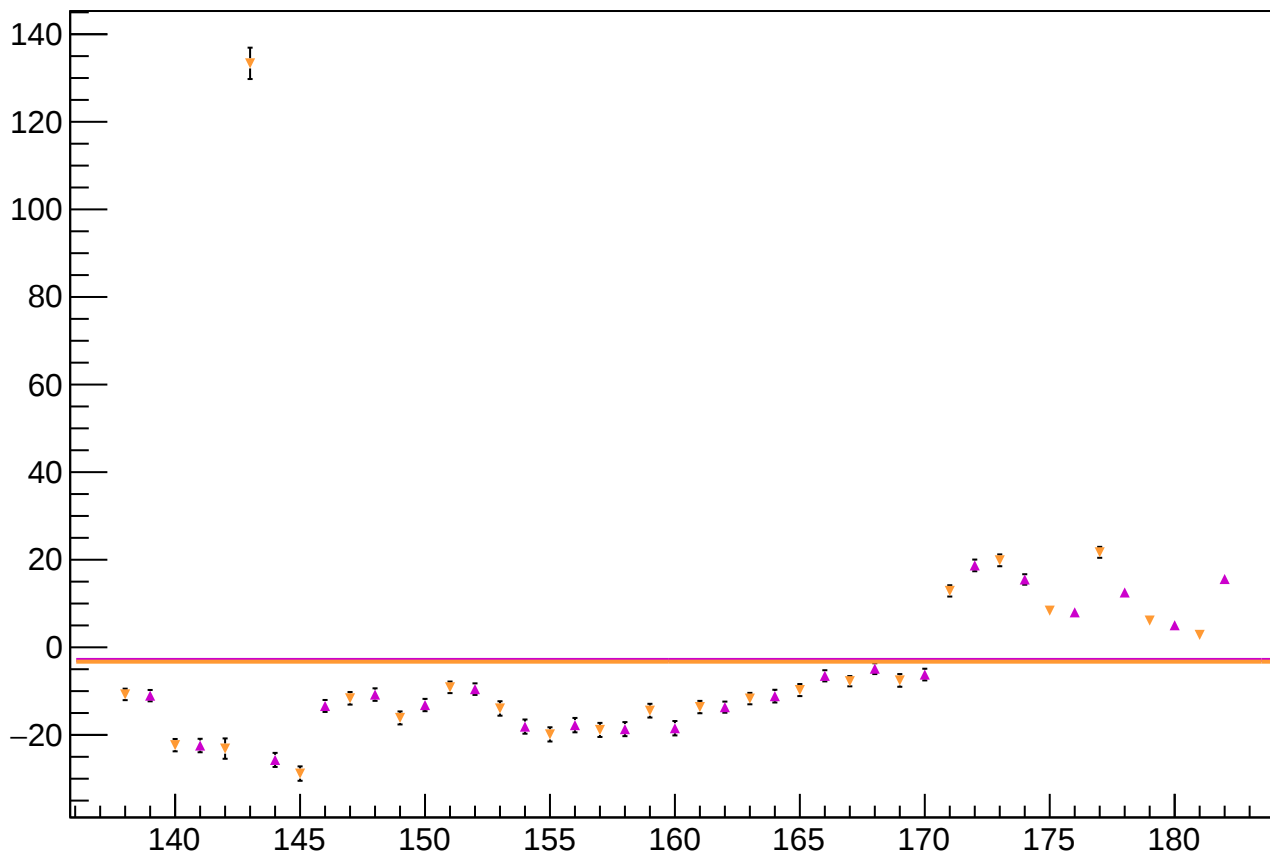
Right: -88.315 ± 0.047 $\chi^2/\text{NDF}: 1033213.2/35$

In: -127.193 ± 0.037 $\chi^2/\text{NDF}: 1083843.8/38$

Out: -123.163 ± 0.037 $\chi^2/\text{NDF}: 1220562.7/41$

All: -125.164 ± 0.026 $\chi^2/\text{NDF}: 2310311.4/80$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected

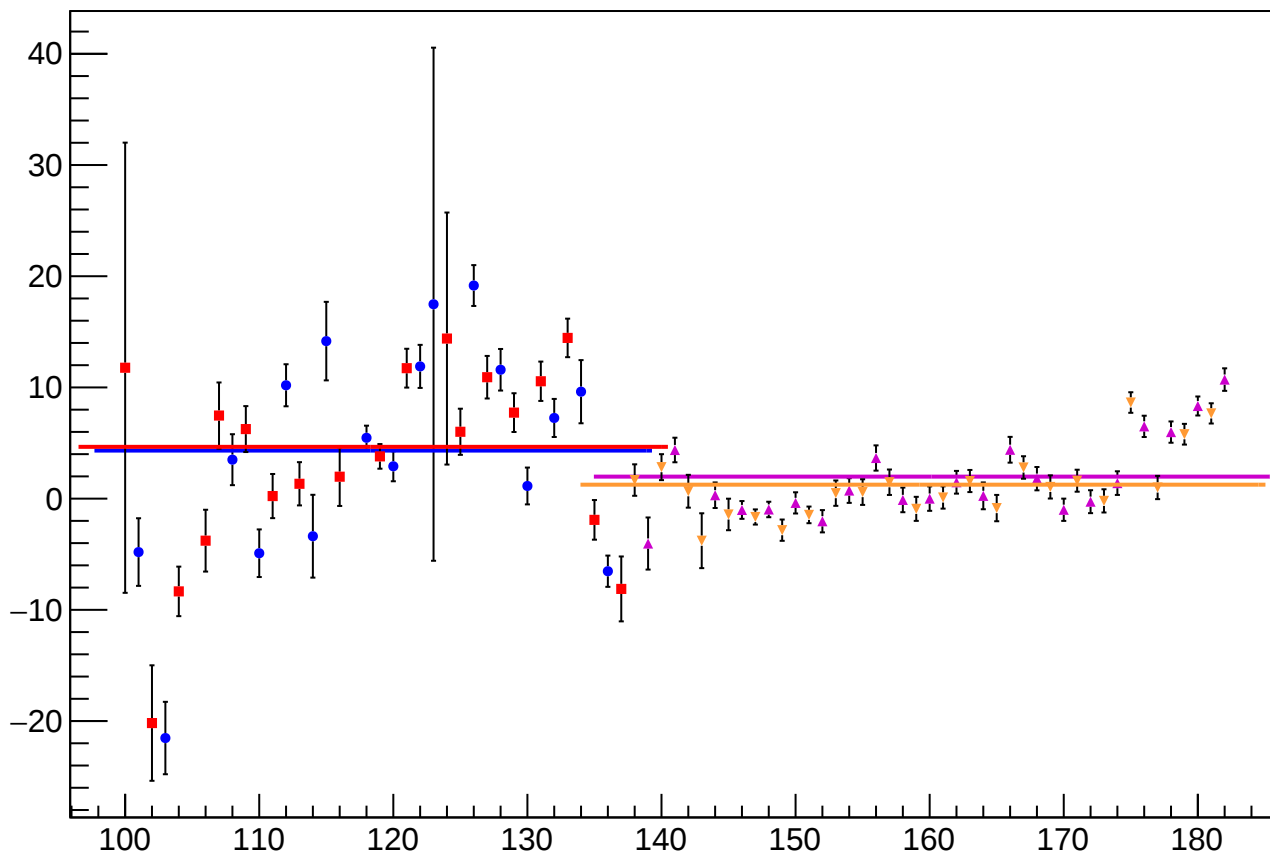


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.276+/-0.278 χ^2/NDF :3680.6/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.878+/-0.273 χ^2/NDF :2324.5/21

Left: -3.073+/-0.195 χ^2/NDF : 6006.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.878+/-0.273 χ^2/NDF :2324.5/21
 Out: -3.276+/-0.278 χ^2/NDF :3680.6/22

All: -3.073+/-0.195 χ^2/NDF : 6006.1/44

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: 1.255 $\pm$ 0.216 χ^2 /NDF:210.6/22

Right Out: 4.657 $\pm$ 0.474 χ^2 /NDF: 184.5/18

Left In: 1.979 $\pm$ 0.216 χ^2 /NDF:267.7/21

Left: 1.616 $\pm$ 0.153 χ^2 /NDF: 483.9/44

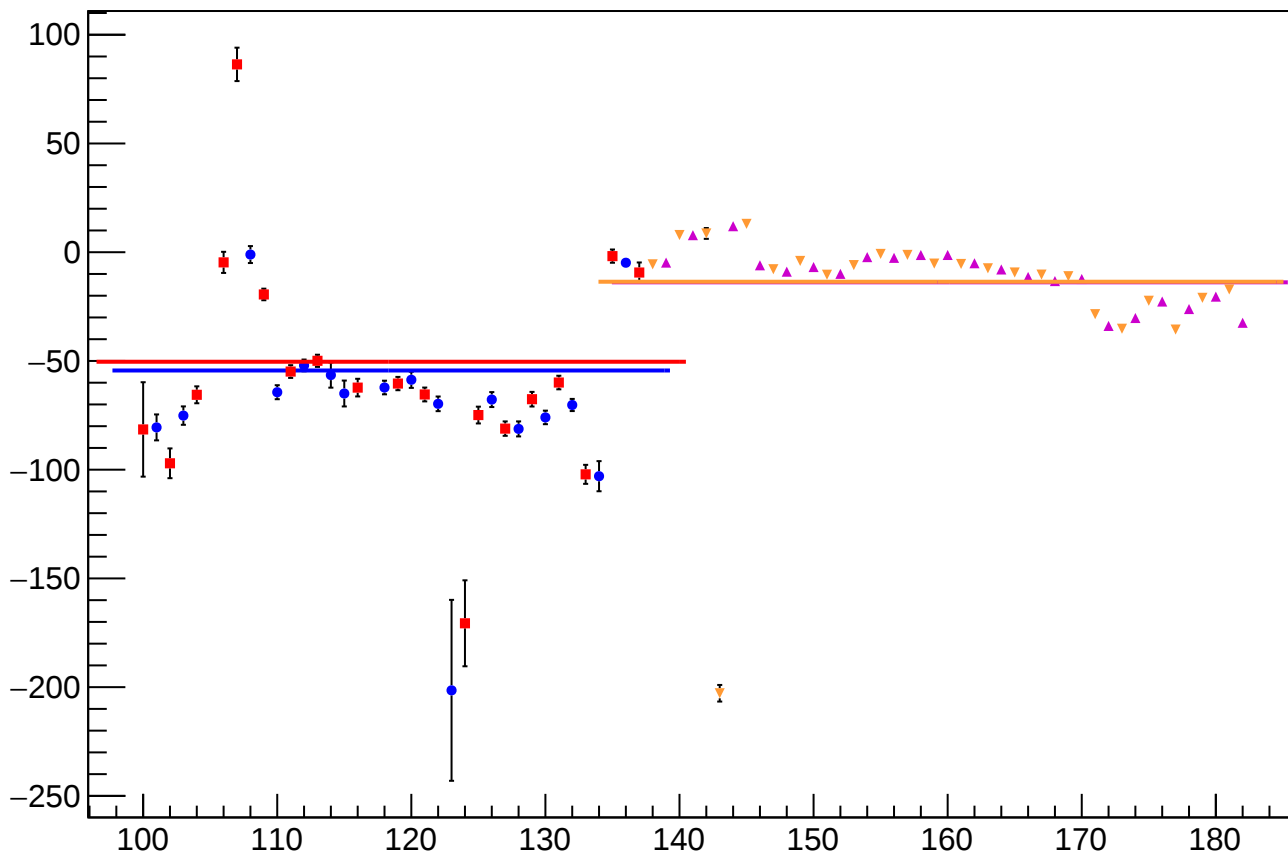
Right: 4.486 $\pm$ 0.332 χ^2 /NDF: 465.1/35

In: 2.396 $\pm$ 0.196 χ^2 /NDF:568.9/38

Out: 1.838 $\pm$ 0.196 χ^2 /NDF:437.9/41

All: 2.117 $\pm$ 0.139 χ^2 /NDF: 1010.8/80

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 $\pm$ 0.864 χ^2 /NDF: 1014.0/16

Left Out: -13.570 $\pm$ 0.277 χ^2 /NDF: 4196.3/22

Right Out: -50.364 $\pm$ 0.858 χ^2 /NDF: 1321.3/18

Left In: -13.844 $\pm$ 0.271 χ^2 /NDF: 1850.6/21

Left: -13.710 $\pm$ 0.193 χ^2 /NDF: 6047.4/44

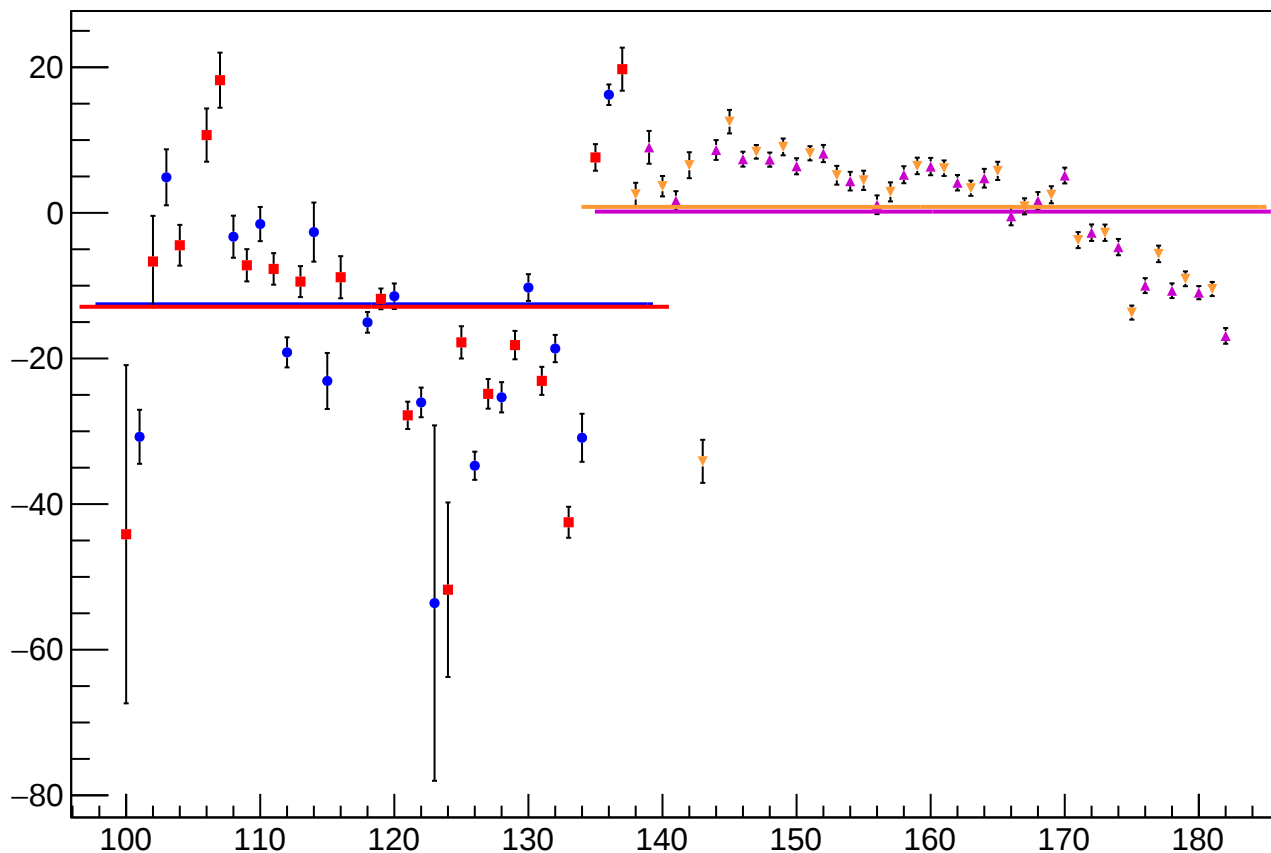
Right: -52.360 $\pm$ 0.609 χ^2 /NDF: 2346.2/35

In: -17.468 $\pm$ 0.258 χ^2 /NDF: 4867.4/38

Out: -17.035 $\pm$ 0.263 χ^2 /NDF: 7184.9/41

All: -17.256 $\pm$ 0.184 χ^2 /NDF: 12053.7/80

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.561 ± 0.531 χ^2/NDF : 779.5/16

Left Out: 0.824 ± 0.245 χ^2/NDF : 988.8/22

Right Out: -12.898 ± 0.538 χ^2/NDF : 728.4/18

Left In: 0.172 ± 0.244 χ^2/NDF : 982.4/21

Left: 0.497 ± 0.173 χ^2/NDF : 1974.7/44

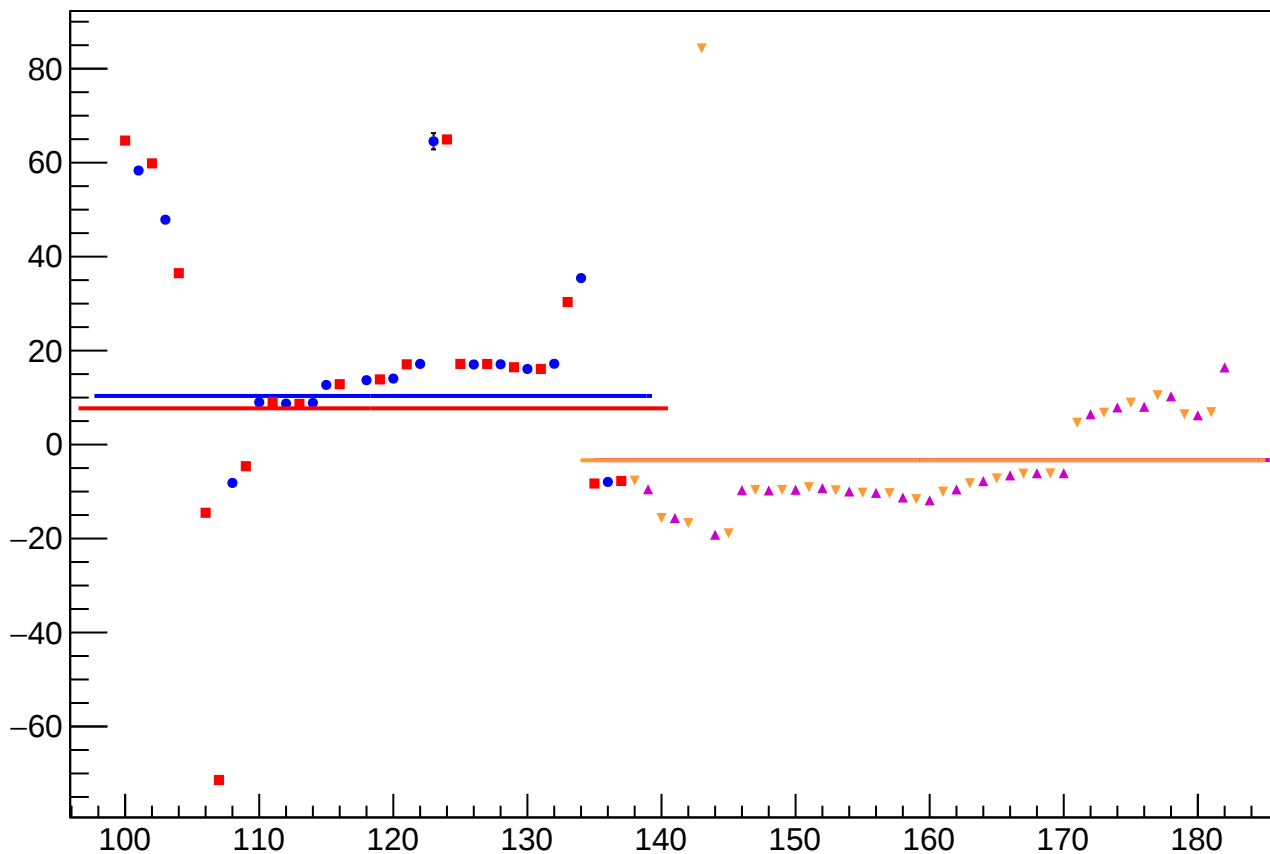
Right: -12.727 ± 0.378 χ^2/NDF : 1508.1/35

In: -2.049 ± 0.222 χ^2/NDF : 2235.8/38

Out: -1.532 ± 0.223 χ^2/NDF : 2255.8/41

All: -1.792 ± 0.157 χ^2/NDF : 4494.2/80

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -3.340+/-0.011 χ^2/NDF : 903497.4/22

Right Out: 7.715+/-0.031 χ^2/NDF : 545032.1/18

Left In: -3.304+/-0.011 χ^2/NDF : 712309.1/21

Left: -3.322+/-0.008 χ^2/NDF : 1615811.4/44

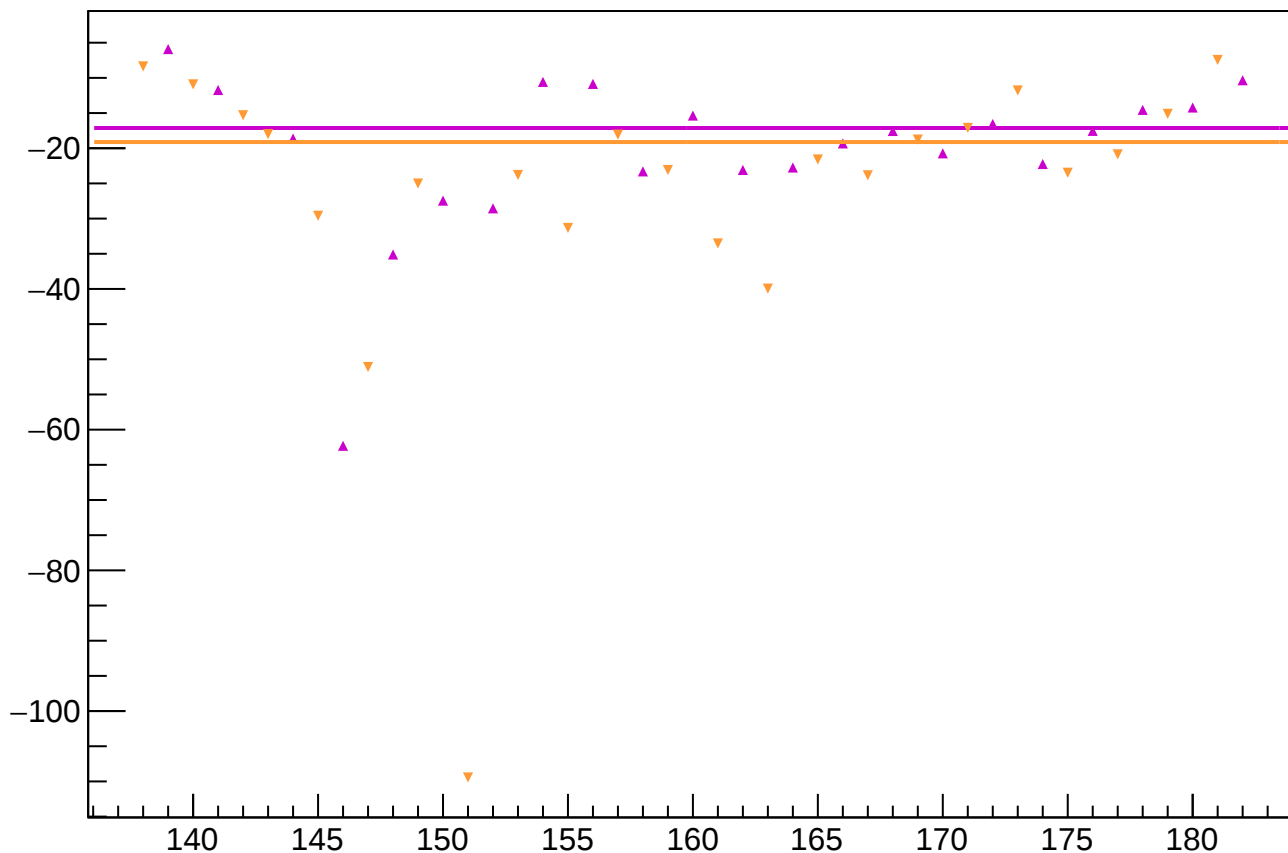
Right: 9.061+/-0.022 χ^2/NDF : 929542.3/35

In: -1.728+/-0.010 χ^2/NDF : 1269538.2/38

Out: -2.066+/-0.011 χ^2/NDF : 1559157.5/41

All: -1.893+/-0.007 χ^2/NDF : 2829215.5/80

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Left: -18.046+/-0.028 χ^2/NDF : 129065.6/44

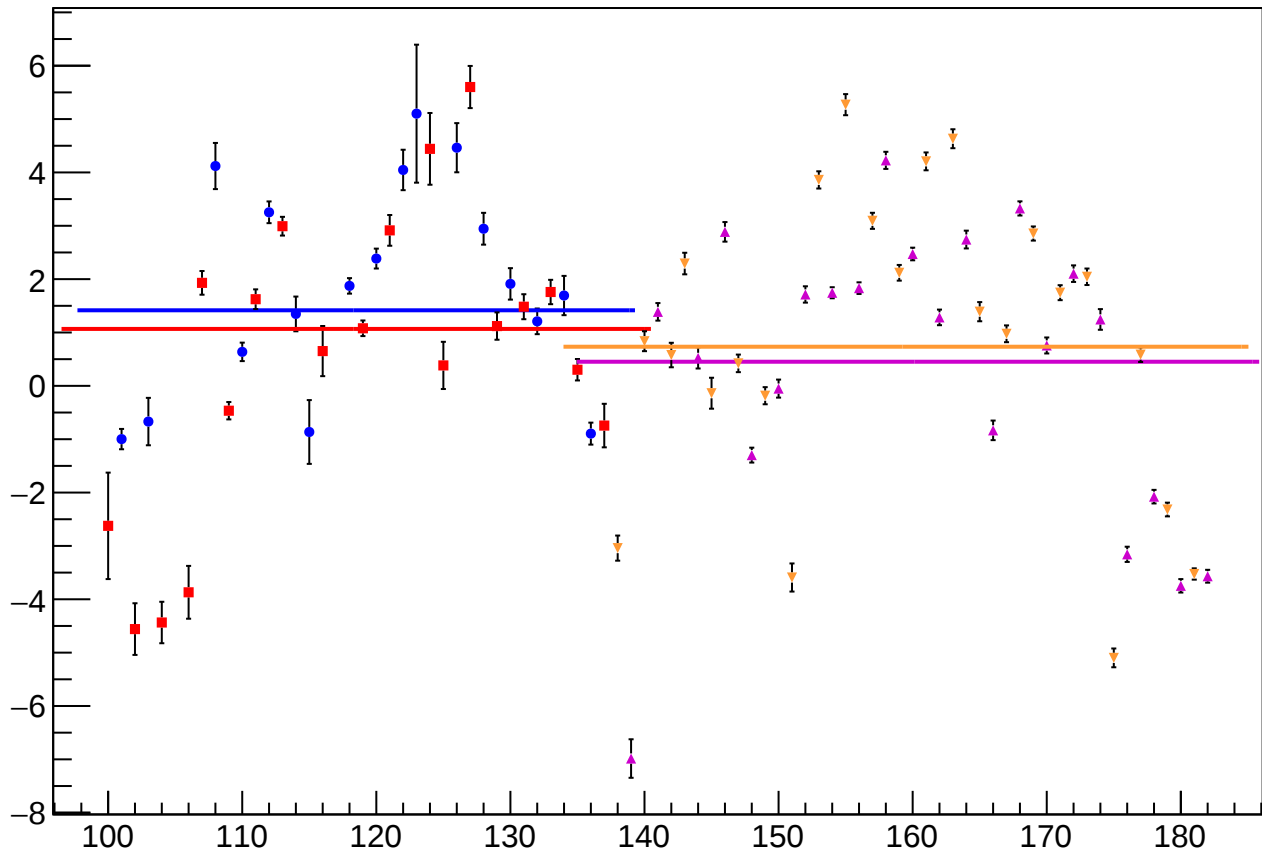
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.122+/-0.039 χ^2/NDF : 44236.5/21

Out: -19.118+/-0.042 χ^2/NDF : 83595.0/22

All: -18.046+/-0.028 χ^2/NDF : 129065.6/44

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 $\pm$ 0.061 χ^2/NDF : 631.2/16

Left Out: 0.733 $\pm$ 0.034 χ^2/NDF : 6451.8/22

Right Out: 1.067 $\pm$ 0.058 χ^2/NDF : 929.9/18

Left In: 0.452 $\pm$ 0.031 χ^2/NDF : 6156.6/21

Left: 0.580 $\pm$ 0.023 χ^2/NDF : 12645.9/44

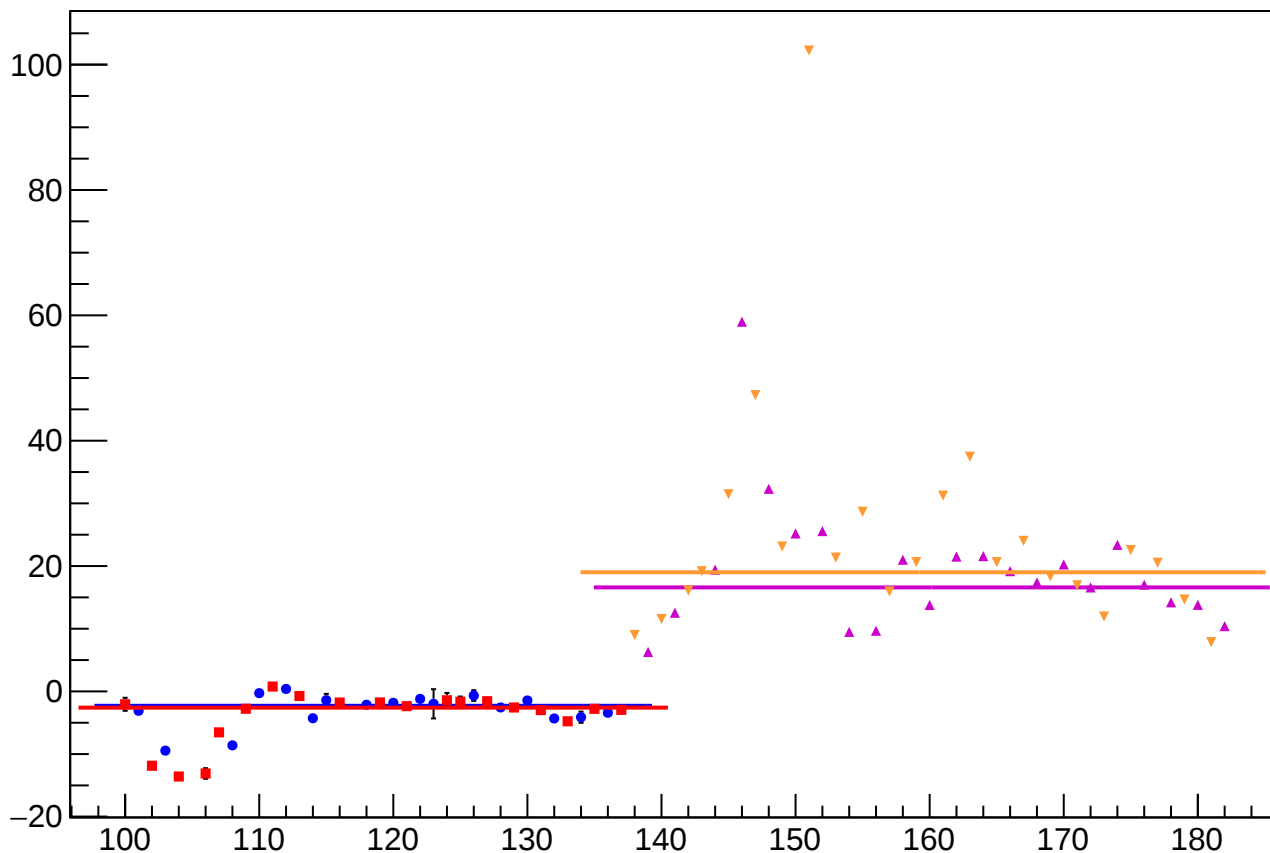
Right: 1.233 $\pm$ 0.042 χ^2/NDF : 1578.2/35

In: 0.649 $\pm$ 0.028 χ^2/NDF : 6985.3/38

Out: 0.818 $\pm$ 0.029 χ^2/NDF : 7406.3/41

All: 0.729 $\pm$ 0.020 χ^2/NDF : 14409.2/80

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: 19.009 ± 0.042 $\chi^2/\text{NDF}: 73698.4/22$

Right Out: -2.589 ± 0.099 $\chi^2/\text{NDF}: 889.9/18$

Left In: 16.593 ± 0.038 $\chi^2/\text{NDF}: 41026.7/21$

Left: 17.698 ± 0.028 $\chi^2/\text{NDF}: 116553.0/44$

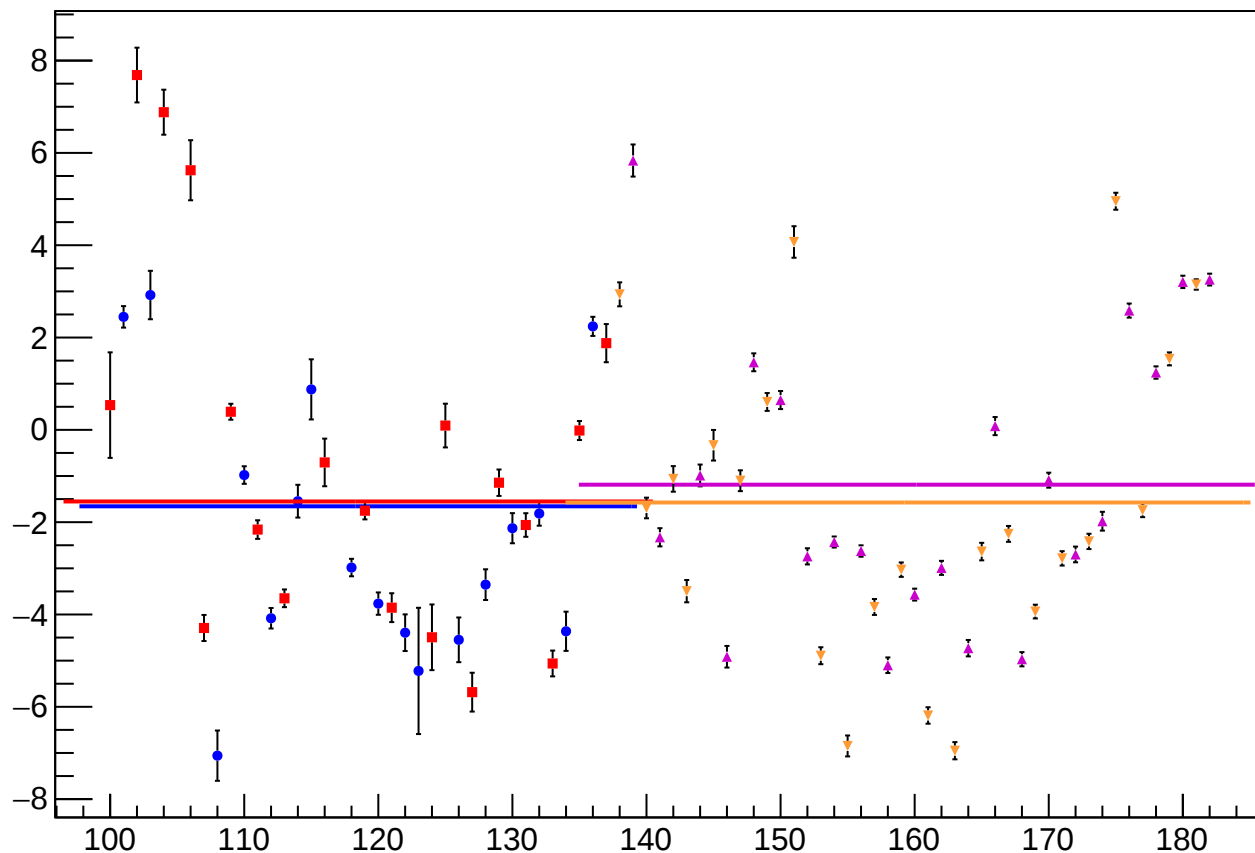
Right: -2.461 ± 0.074 $\chi^2/\text{NDF}: 1333.7/35$

In: 14.585 ± 0.036 $\chi^2/\text{NDF}: 67432.8/38$

Out: 15.755 ± 0.038 $\chi^2/\text{NDF}: 115159.4/41$

All: 15.136 ± 0.026 $\chi^2/\text{NDF}: 183085.2/80$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -1.574 ± 0.038 $\chi^2/\text{NDF}: 7294.3/22$

Right Out: -1.551 ± 0.066 $\chi^2/\text{NDF}: 1488.1/18$

Left In: -1.188 ± 0.034 $\chi^2/\text{NDF}: 6659.8/21$

Left: -1.363 ± 0.025 $\chi^2/\text{NDF}: 14010.9/44$

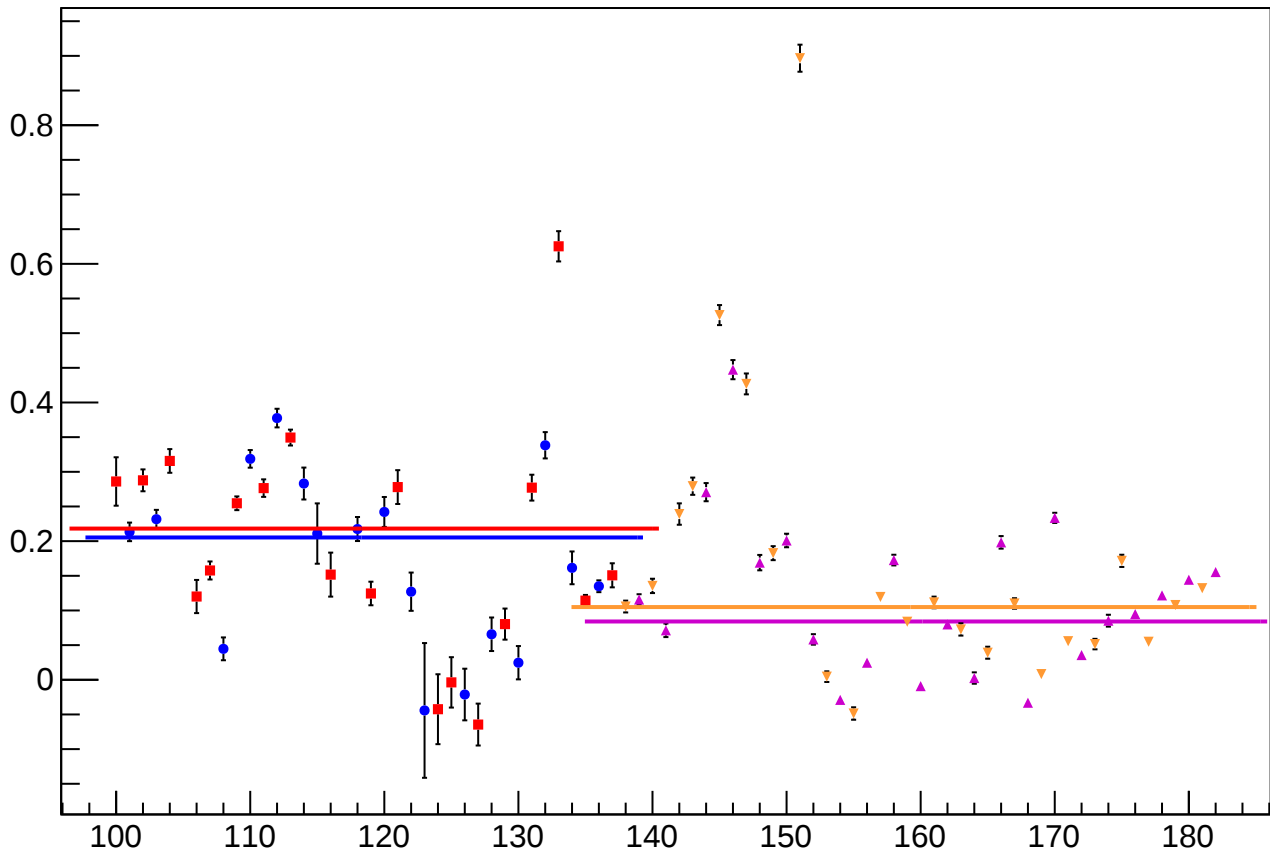
Right: -1.600 ± 0.048 $\chi^2/\text{NDF}: 2760.4/35$

In: -1.279 ± 0.031 $\chi^2/\text{NDF}: 7966.5/38$

Out: -1.568 ± 0.033 $\chi^2/\text{NDF}: 8782.5/41$

All: -1.415 ± 0.023 $\chi^2/\text{NDF}: 16790.3/80$

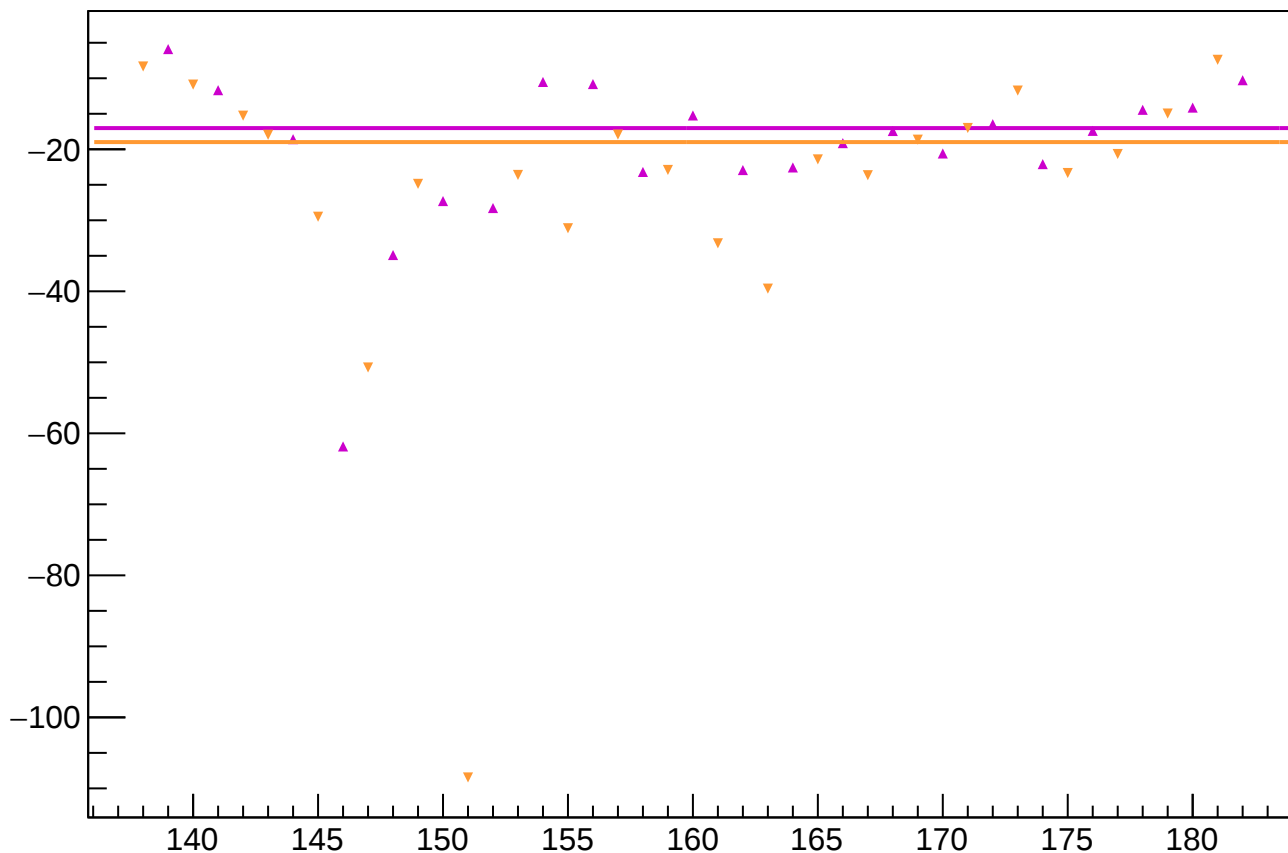
reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16
 Left Out: 0.105 $\pm$ 0.002 χ^2 /NDF: 4296.4/22
 Right Out: 0.218 $\pm$ 0.004 χ^2 /NDF: 1023.2/18
 Left In: 0.084 $\pm$ 0.002 χ^2 /NDF: 3559.7/21

Left: 0.093 $\pm$ 0.001 χ^2 /NDF: 7939.7/44
 Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1649.1/35
 In: 0.098 $\pm$ 0.001 χ^2 /NDF: 4936.2/38
 Out: 0.125 $\pm$ 0.002 χ^2 /NDF: 6096.9/41
 All: 0.111 $\pm$ 0.001 χ^2 /NDF: 11189.4/80

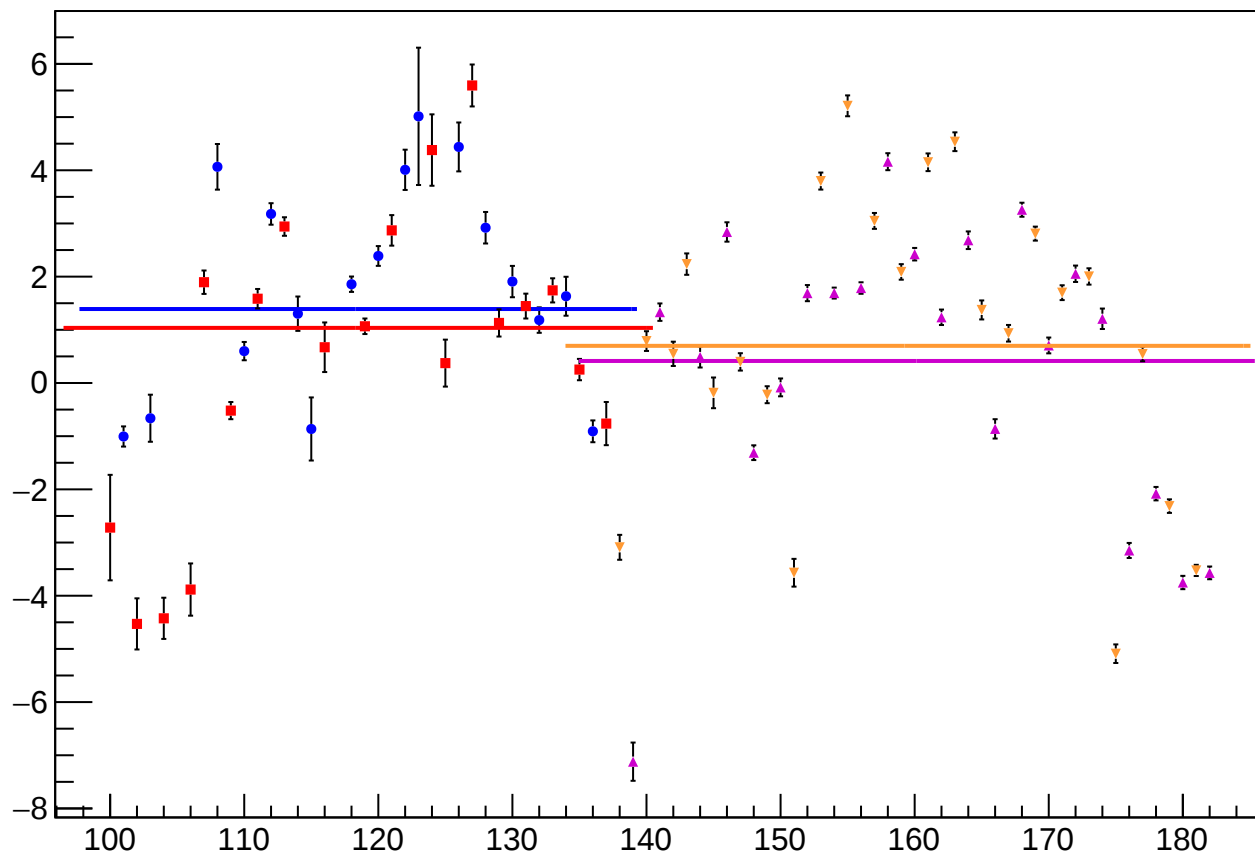
reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -17.017+/-0.038 χ^2/NDF : 44158.6/21

Left: -17.929+/-0.028 χ^2/NDF : 128824.1/44
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -17.017+/-0.038 χ^2/NDF : 44158.6/21
 Out: -18.986+/-0.041 χ^2/NDF : 83447.0/22
 All: -17.929+/-0.028 χ^2/NDF : 128824.1/44

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 0.699 ± 0.034 χ^2/NDF : 6440.5/22

Right Out: 1.036 ± 0.058 χ^2/NDF : 934.2/18

Left In: 0.414 ± 0.031 χ^2/NDF : 6144.0/21

Left: 0.544 ± 0.023 χ^2/NDF : 12623.4/44

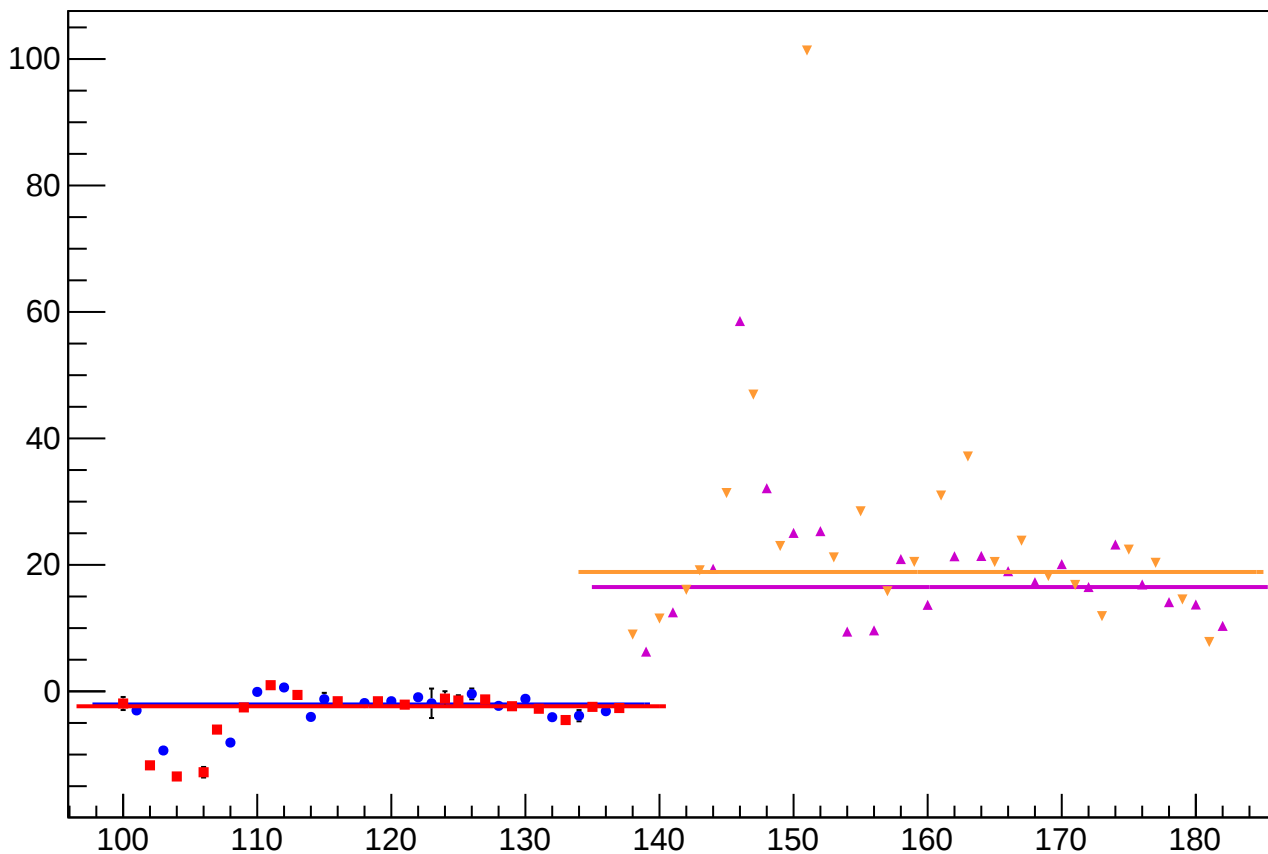
Right: 1.204 ± 0.042 χ^2/NDF : 1581.2/35

In: 0.613 ± 0.027 χ^2/NDF : 6978.0/38

Out: 0.784 ± 0.029 χ^2/NDF : 7400.2/41

All: 0.694 ± 0.020 χ^2/NDF : 14396.5/80

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075+/-0.110 χ^2 /NDF: 442.3/16

Left Out: 18.878+/-0.041 χ^2 /NDF:73582.5/22

Right Out: -2.362+/-0.098 χ^2 /NDF: 893.4/18

Left In: 16.493+/-0.038 χ^2 /NDF:40954.6/21

Left: 17.584+/-0.028 χ^2 /NDF: 116343.2/44

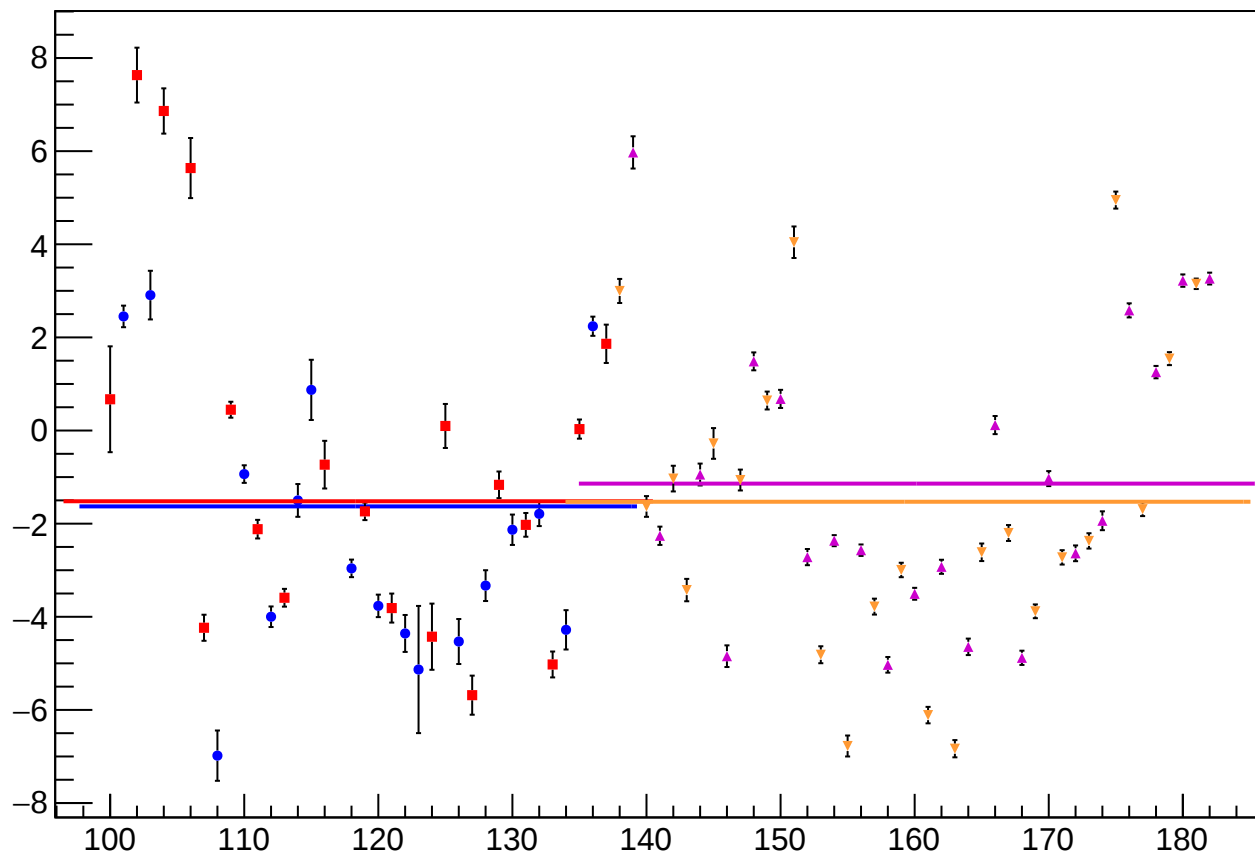
Right: -2.235+/-0.073 χ^2 /NDF: 1339.5/35

In: 14.525+/-0.036 χ^2 /NDF:66739.7/38

Out: 15.688+/-0.038 χ^2 /NDF:114154.4/41

All: 15.072+/-0.026 χ^2 /NDF: 181387.2/80

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -1.317 ± 0.025 $\chi^2/\text{NDF}: 13983.4/44$

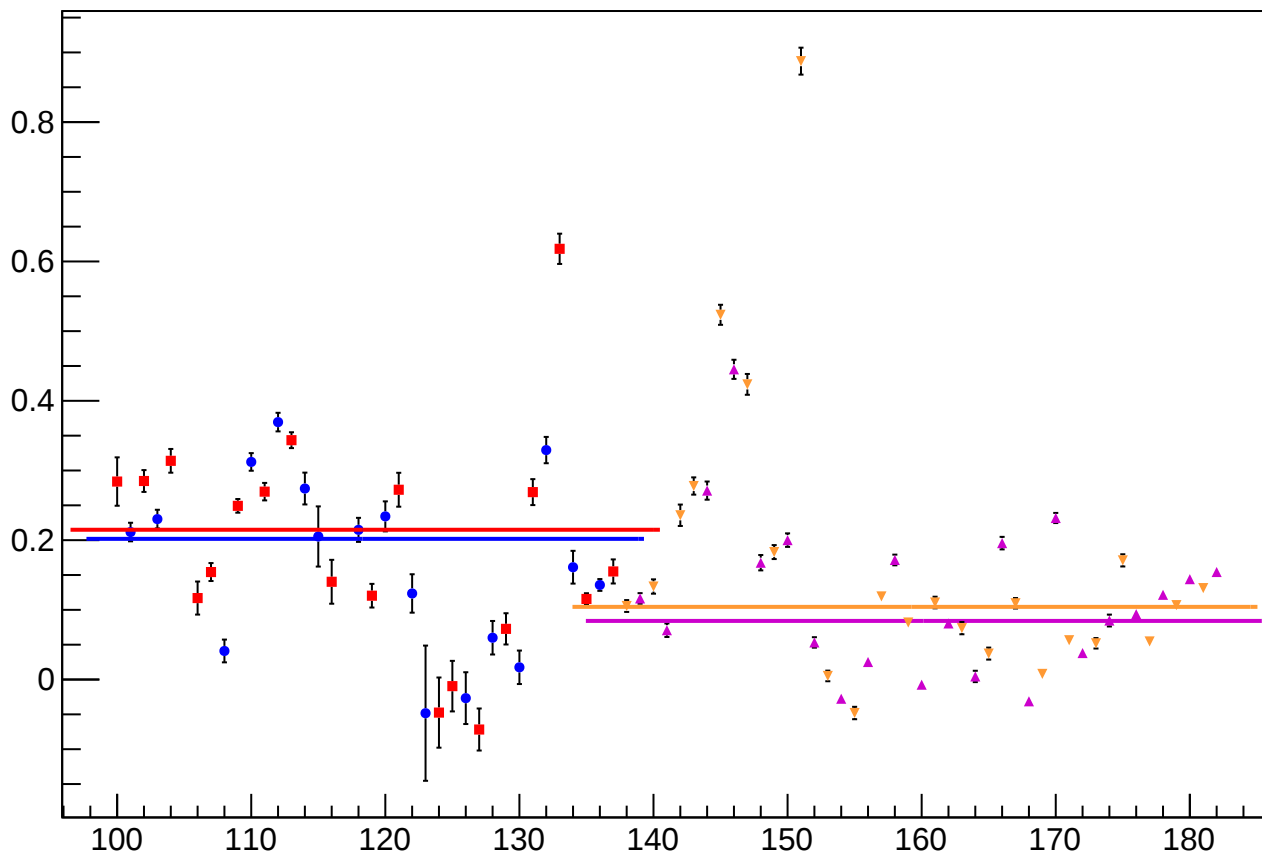
Right: -1.570 ± 0.048 $\chi^2/\text{NDF}: 2759.6/35$

In: -1.234 ± 0.031 $\chi^2/\text{NDF}: 7950.9/38$

Out: -1.527 ± 0.033 $\chi^2/\text{NDF}: 8771.4/41$

All: -1.373 ± 0.022 $\chi^2/\text{NDF}: 16764.9/80$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 χ^2/NDF : 604.6/16

Left Out: 0.104 ± 0.002 χ^2/NDF : 4288.3/22

Right Out: 0.215 ± 0.004 χ^2/NDF : 1005.6/18

Left In: 0.084 ± 0.002 χ^2/NDF : 3529.3/21

Left: 0.093 ± 0.001 χ^2/NDF : 7897.3/44

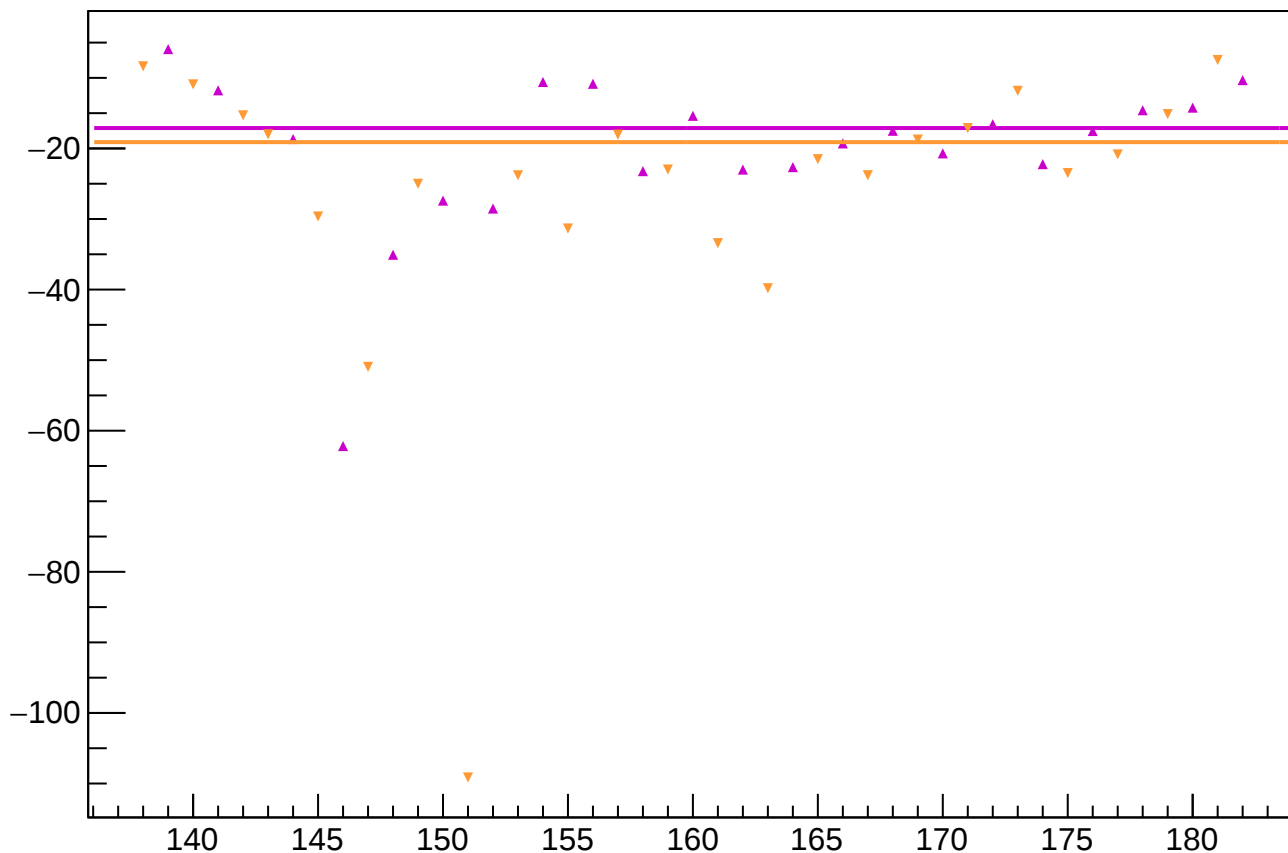
Right: 0.209 ± 0.003 χ^2/NDF : 1615.8/35

In: 0.098 ± 0.001 χ^2/NDF : 4855.2/38

Out: 0.124 ± 0.002 χ^2/NDF : 6044.4/41

All: 0.110 ± 0.001 χ^2/NDF : 11049.7/80

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.106+/-0.042 χ^2/NDF : 83542.9/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Left: -18.034+/-0.028 χ^2/NDF : 129013.6/44

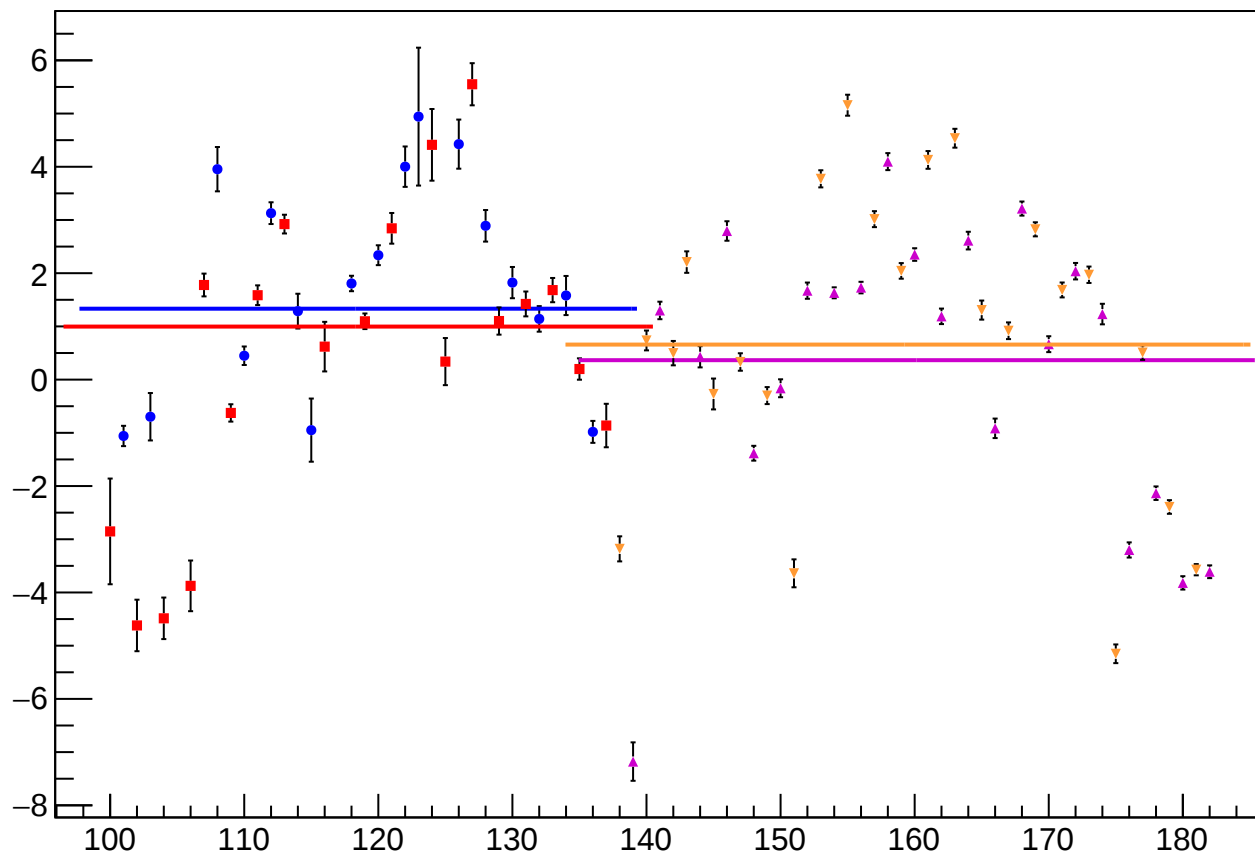
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.109+/-0.039 χ^2/NDF : 44229.4/21

Out: -19.106+/-0.042 χ^2/NDF : 83542.9/22

All: -18.034+/-0.028 χ^2/NDF : 129013.6/44

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: 0.658 ± 0.034 χ^2/NDF : 6460.9/22

Right Out: 0.997 ± 0.058 χ^2/NDF : 945.3/18

Left In: 0.365 ± 0.031 χ^2/NDF : 6110.0/21

Left: 0.499 ± 0.023 χ^2/NDF : 12611.8/44

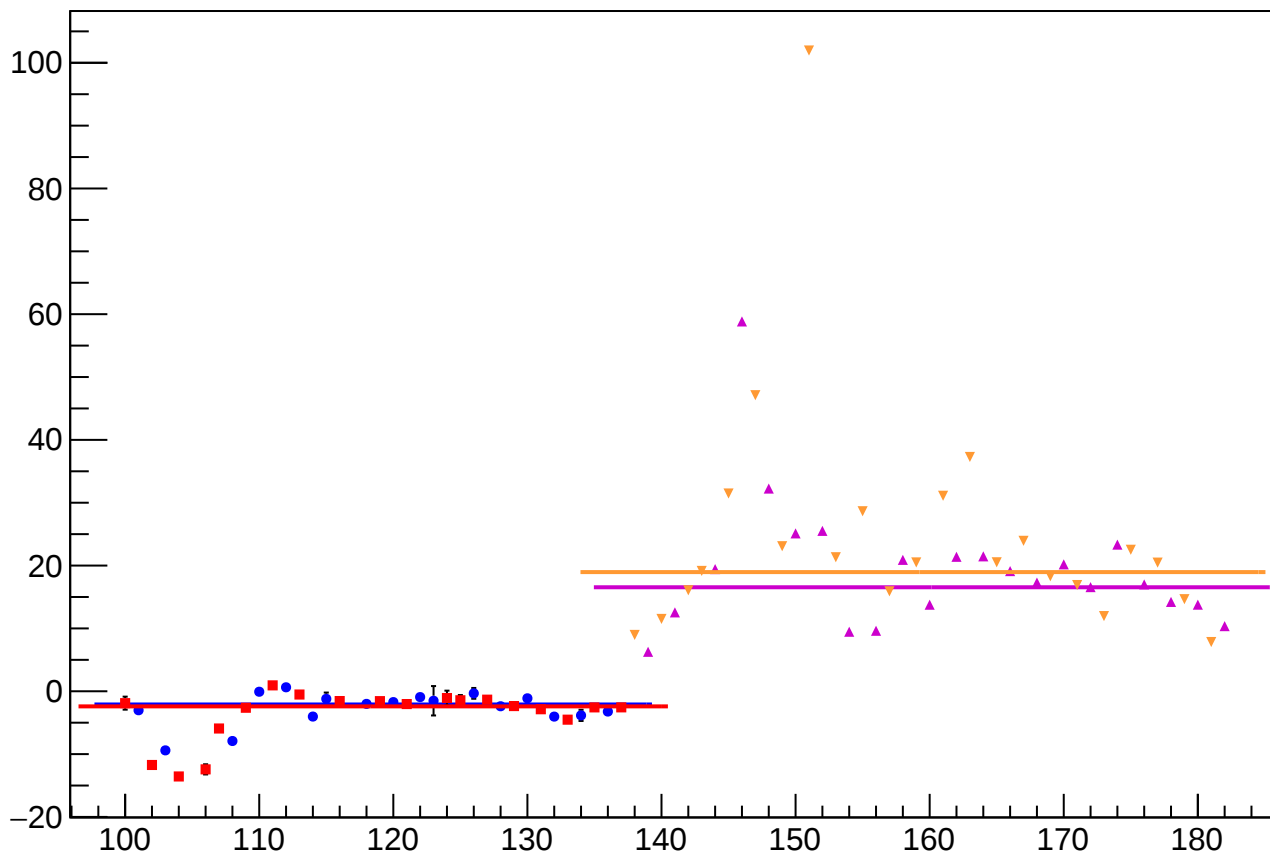
Right: 1.156 ± 0.042 χ^2/NDF : 1595.8/35

In: 0.562 ± 0.028 χ^2/NDF : 6943.8/38

Out: 0.744 ± 0.029 χ^2/NDF : 7431.6/41

All: 0.648 ± 0.020 χ^2/NDF : 14395.9/80

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: 18.962 ± 0.042 $\chi^2/\text{NDF}: 73665.5/22$

Right Out: -2.405 ± 0.099 $\chi^2/\text{NDF}: 887.1/18$

Left In: 16.548 ± 0.038 $\chi^2/\text{NDF}: 41034.1/21$

Left: 17.653 ± 0.028 $\chi^2/\text{NDF}: 116535.1/44$

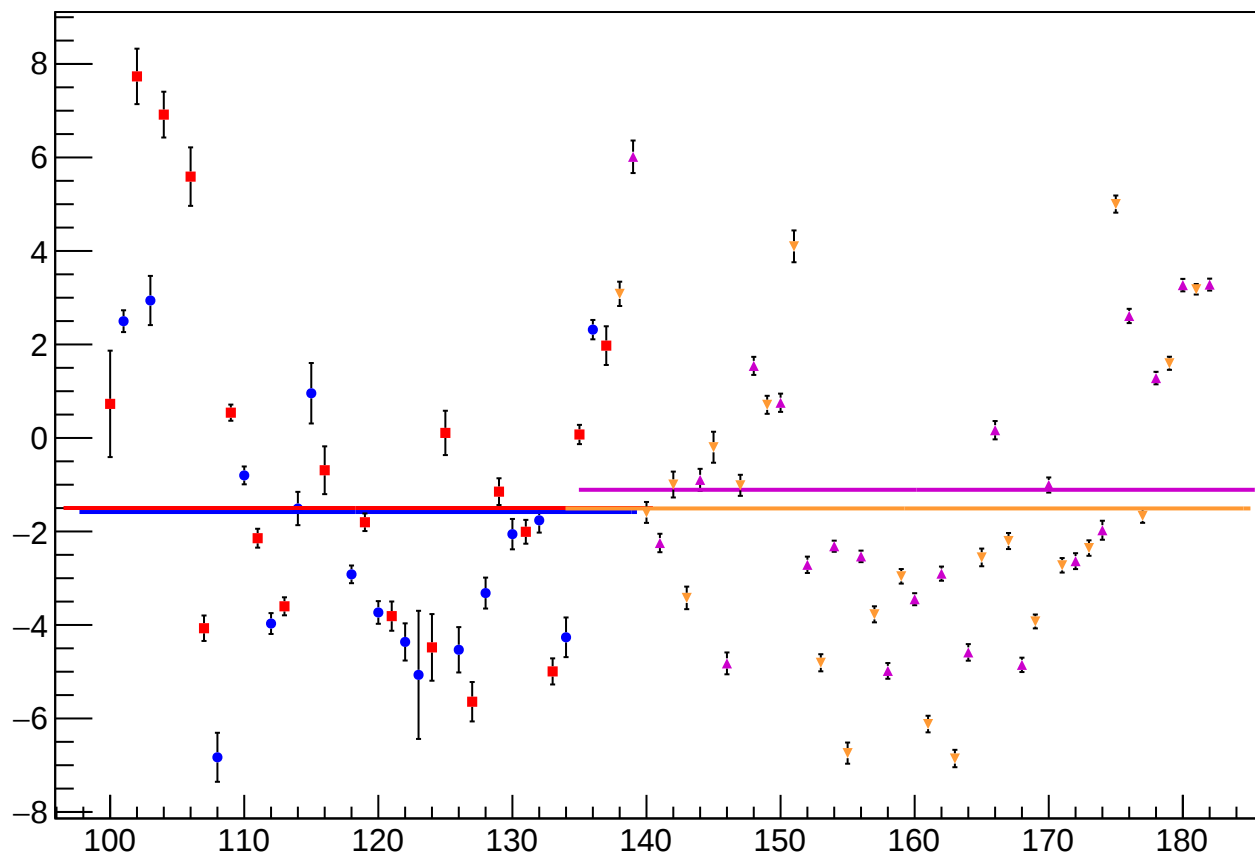
Right: -2.272 ± 0.074 $\chi^2/\text{NDF}: 1331.5/35$

In: 14.577 ± 0.036 $\chi^2/\text{NDF}: 66783.0/38$

Out: 15.755 ± 0.038 $\chi^2/\text{NDF}: 114323.3/41$

All: 15.131 ± 0.026 $\chi^2/\text{NDF}: 181608.9/80$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.584 ± 0.070 χ^2/NDF : 1272.1/16

Left Out: -1.508 ± 0.038 χ^2/NDF : 7304.2/22

Right Out: -1.498 ± 0.066 χ^2/NDF : 1503.7/18

Left In: -1.109 ± 0.034 χ^2/NDF : 6598.1/21

Left: -1.290 ± 0.025 χ^2/NDF : 13963.4/44

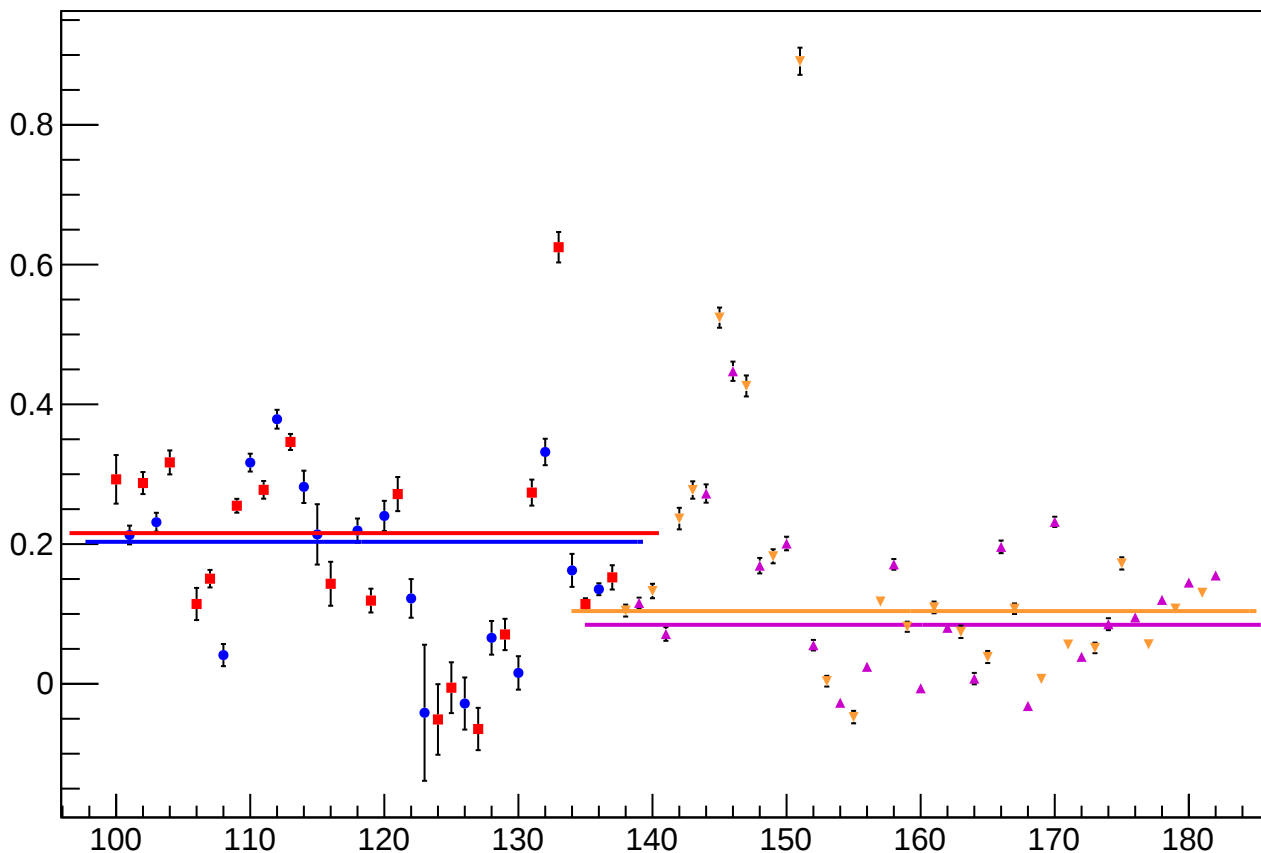
Right: -1.538 ± 0.048 χ^2/NDF : 2776.6/35

In: -1.200 ± 0.031 χ^2/NDF : 7907.0/38

Out: -1.505 ± 0.033 χ^2/NDF : 8807.9/41

All: -1.344 ± 0.022 χ^2/NDF : 16760.9/80

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 $\pm$ 0.004 χ^2 /NDF: 632.8/16

Left Out: 0.104 $\pm$ 0.002 χ^2 /NDF: 4271.4/22

Right Out: 0.216 $\pm$ 0.004 χ^2 /NDF: 1037.9/18

Left In: 0.084 $\pm$ 0.002 χ^2 /NDF: 3506.6/21

Left: 0.093 $\pm$ 0.001 χ^2 /NDF: 7853.1/44

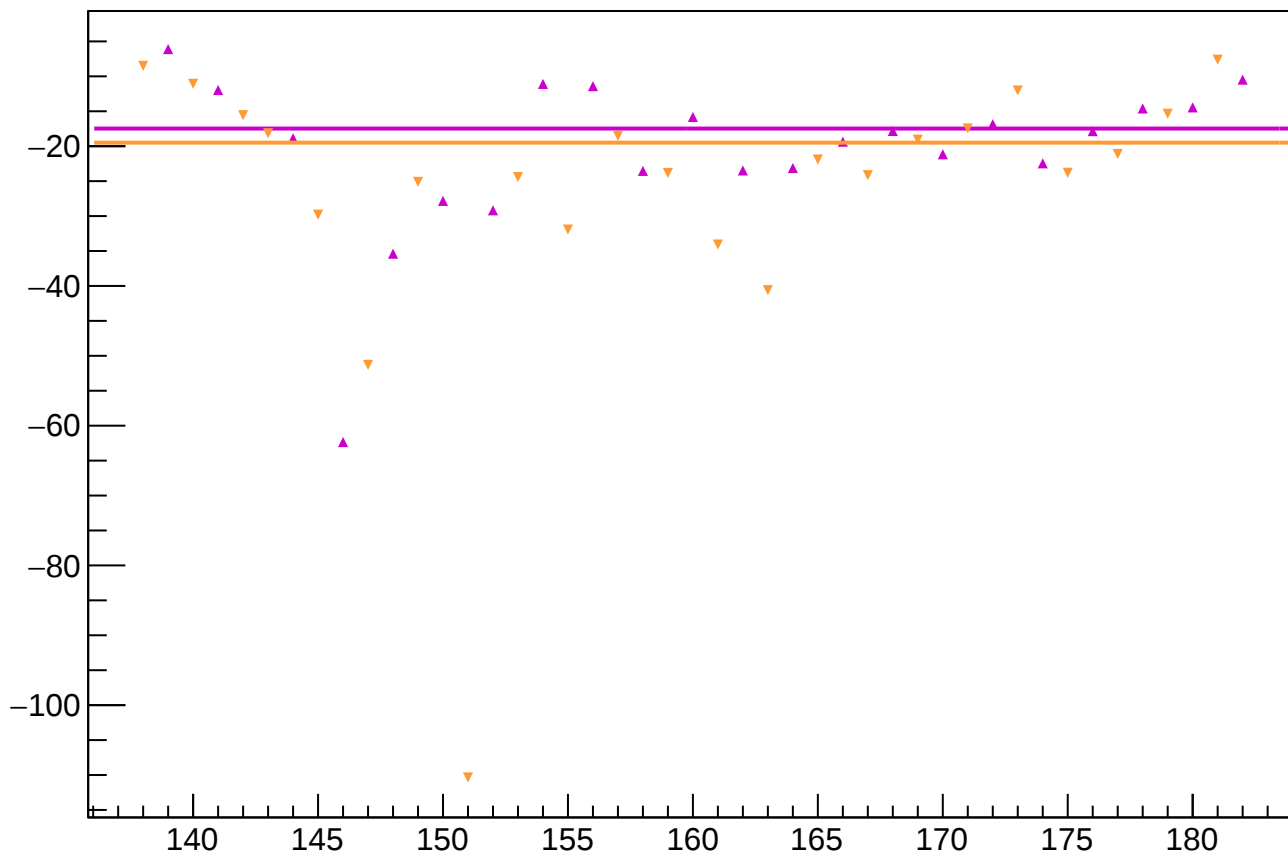
Right: 0.210 $\pm$ 0.003 χ^2 /NDF: 1675.8/35

In: 0.098 $\pm$ 0.001 χ^2 /NDF: 4867.8/38

Out: 0.124 $\pm$ 0.002 χ^2 /NDF: 6068.6/41

All: 0.110 $\pm$ 0.001 χ^2 /NDF: 11080.8/80

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.491+/-0.042 χ^2/NDF : 82907.2/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Left: -18.410+/-0.029 χ^2/NDF : 127409.9/44

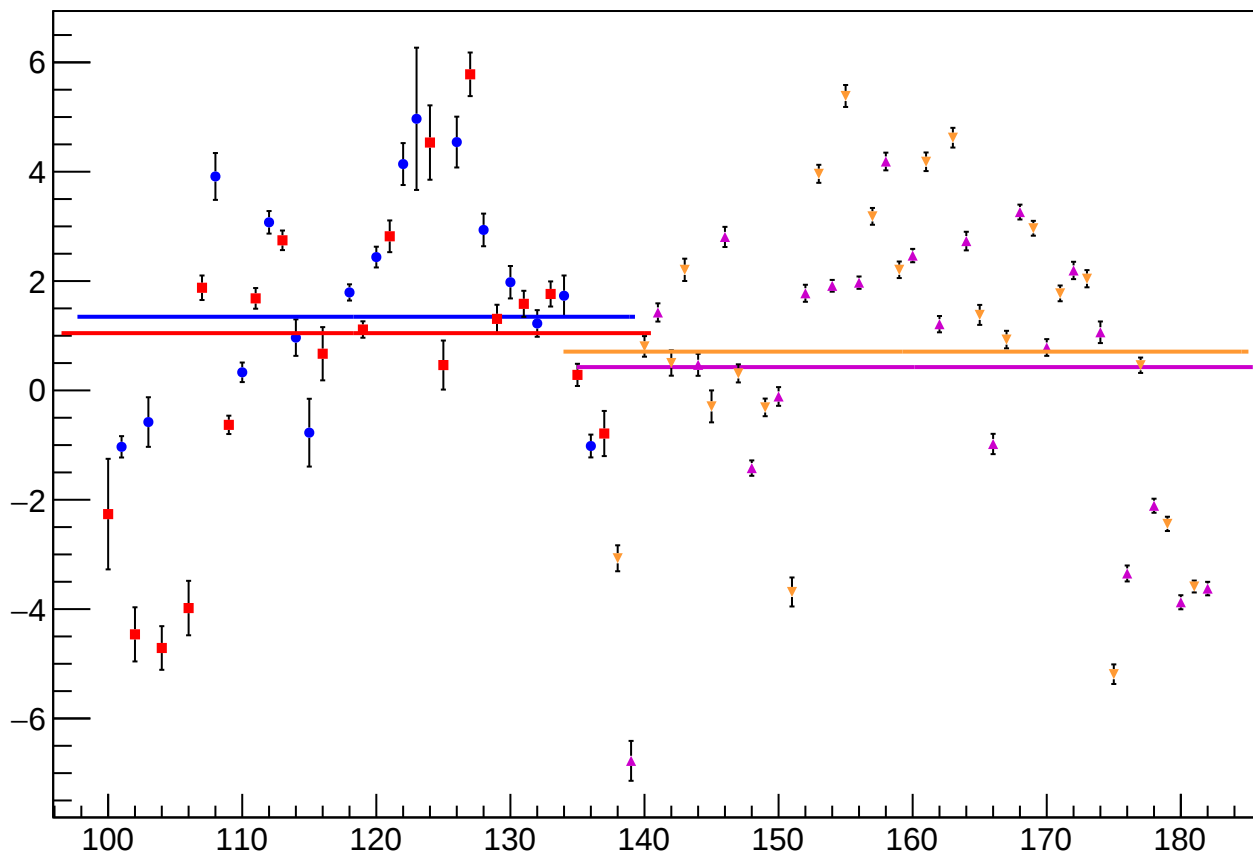
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.474+/-0.039 χ^2/NDF : 43292.4/21

Out: -19.491+/-0.042 χ^2/NDF : 82907.2/22

All: -18.410+/-0.029 χ^2/NDF : 127409.9/44

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 0.709 ± 0.035 χ^2/NDF : 6452.7/22

Right Out: 1.047 ± 0.059 χ^2/NDF : 916.0/18

Left In: 0.427 ± 0.032 χ^2/NDF : 6140.4/21

Left: 0.556 ± 0.023 χ^2/NDF : 12629.5/44

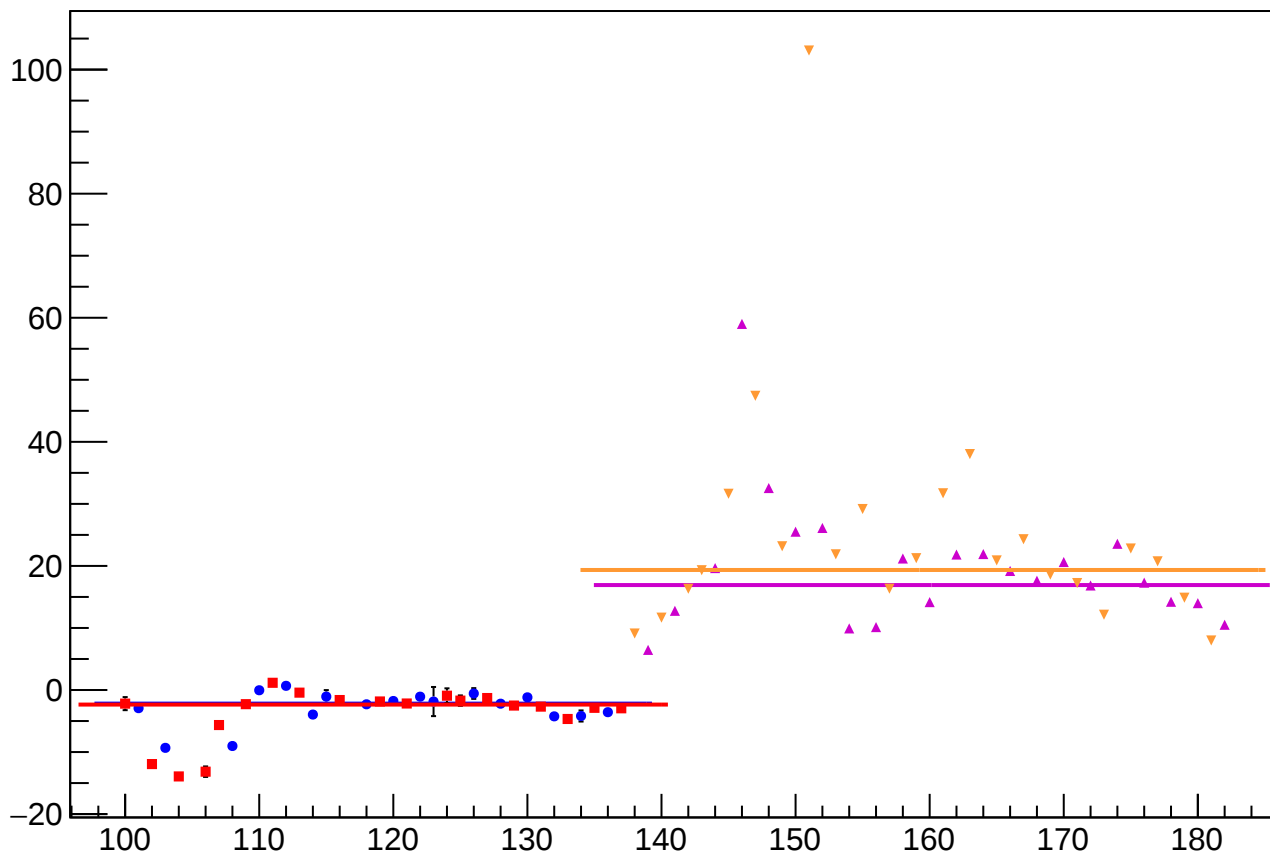
Right: 1.190 ± 0.043 χ^2/NDF : 1558.3/35

In: 0.616 ± 0.028 χ^2/NDF : 6944.0/38

Out: 0.795 ± 0.030 χ^2/NDF : 7393.1/41

All: 0.700 ± 0.021 χ^2/NDF : 14356.3/80

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: 19.346 ± 0.042 $\chi^2/\text{NDF}: 73052.9/22$

Right Out: -2.348 ± 0.101 $\chi^2/\text{NDF}: 908.5/18$

Left In: 16.916 ± 0.039 $\chi^2/\text{NDF}: 39961.3/21$

Left: 18.030 ± 0.029 $\chi^2/\text{NDF}: 114791.1/44$

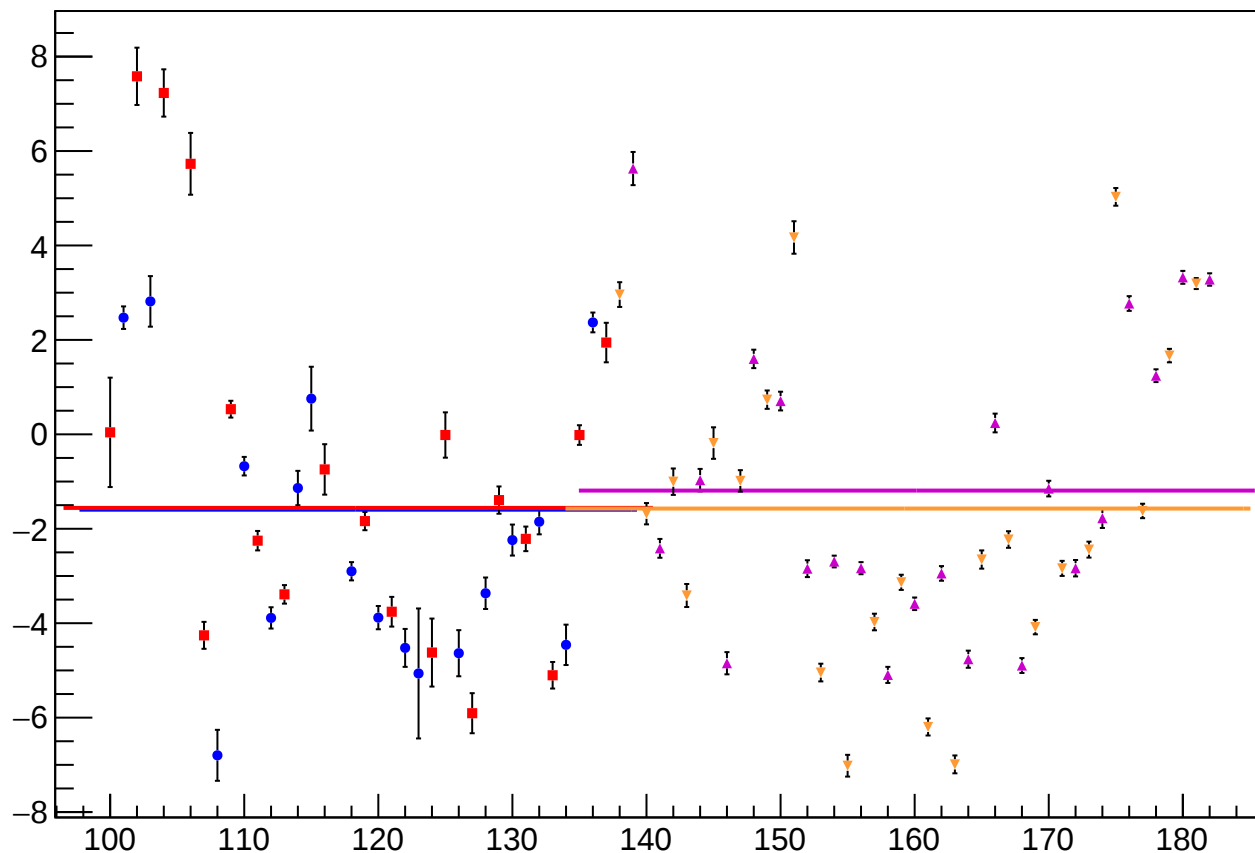
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/35$

In: 14.875 ± 0.037 $\chi^2/\text{NDF}: 66037.3/38$

Out: 16.085 ± 0.039 $\chi^2/\text{NDF}: 113262.4/41$

All: 15.444 ± 0.027 $\chi^2/\text{NDF}: 179806.5/80$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.595 ± 0.072 χ^2/NDF : 1255.4/16

Left Out: -1.572 ± 0.039 χ^2/NDF : 7296.8/22

Right Out: -1.558 ± 0.067 χ^2/NDF : 1463.8/18

Left In: -1.191 ± 0.035 χ^2/NDF : 6628.0/21

Left: -1.365 ± 0.026 χ^2/NDF : 13978.0/44

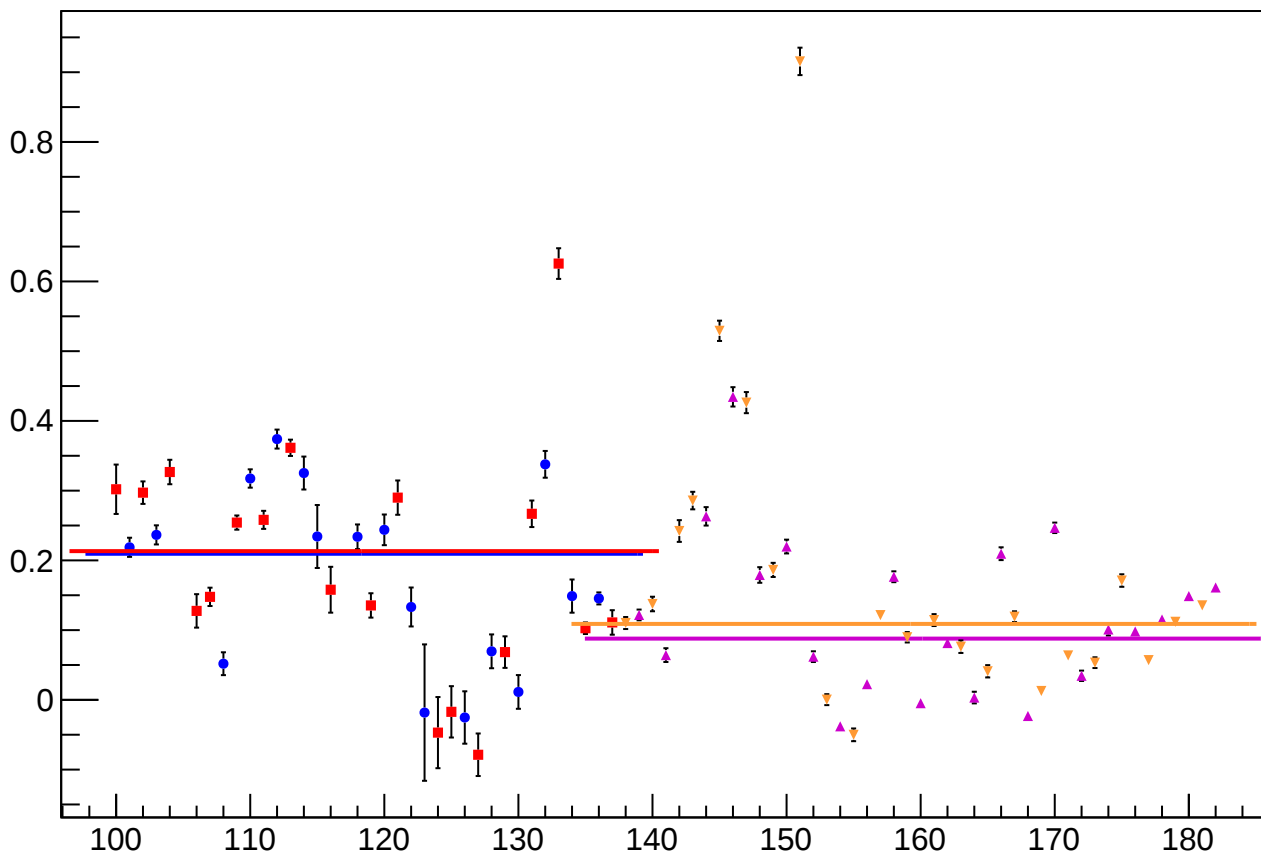
Right: -1.575 ± 0.049 χ^2/NDF : 2719.3/35

In: -1.270 ± 0.032 χ^2/NDF : 7909.0/38

Out: -1.569 ± 0.033 χ^2/NDF : 8760.6/41

All: -1.411 ± 0.023 χ^2/NDF : 16711.8/80

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.109 $\pm$ 0.002 χ^2 /NDF: 4298.5/22

Right Out: 0.213 $\pm$ 0.004 χ^2 /NDF: 1103.2/18

Left In: 0.088 $\pm$ 0.002 χ^2 /NDF: 3584.0/21

Left: 0.097 $\pm$ 0.001 χ^2 /NDF: 7964.7/44

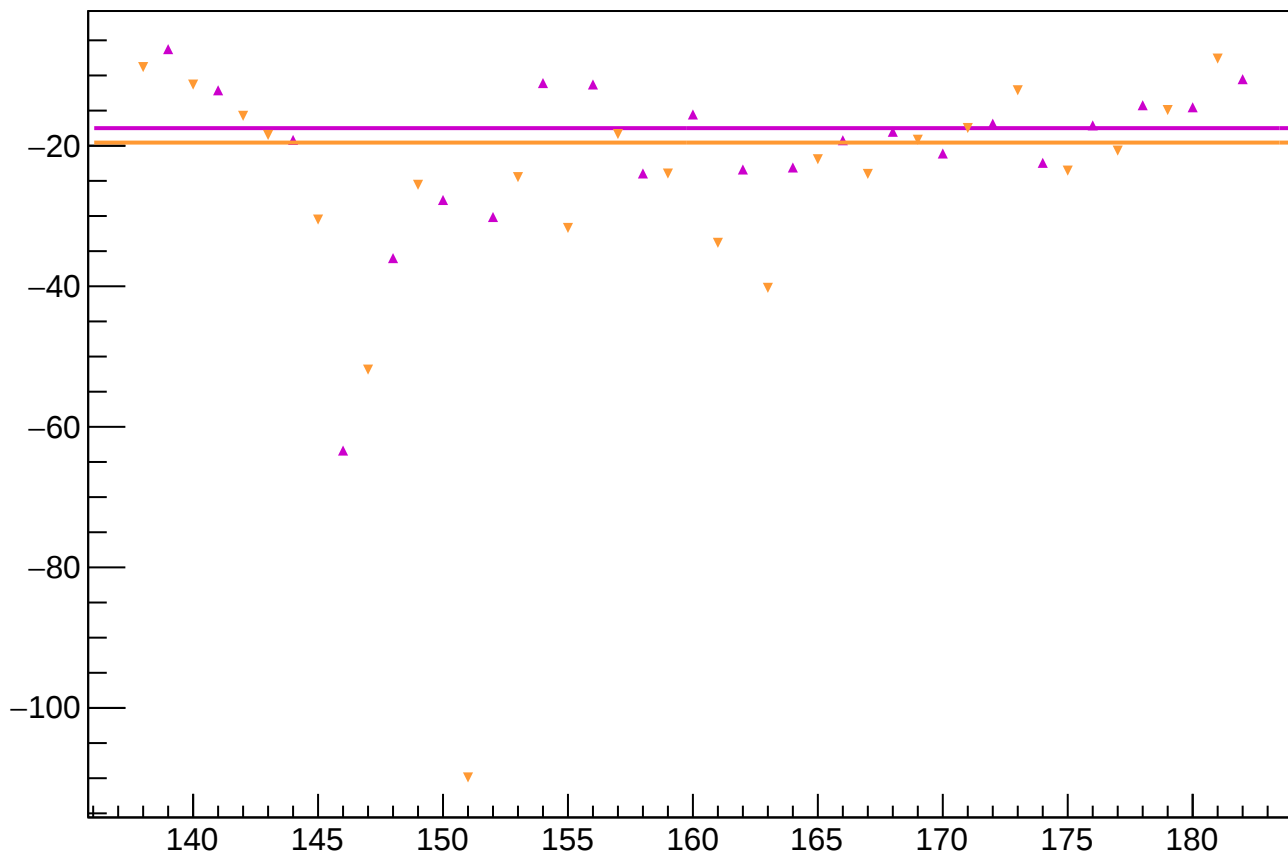
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1701.4/35

In: 0.102 $\pm$ 0.001 χ^2 /NDF: 4918.5/38

Out: 0.127 $\pm$ 0.002 χ^2 /NDF: 6039.3/41

All: 0.114 $\pm$ 0.001 χ^2 /NDF: 11092.0/80

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Left: -18.450+/-0.029 χ^2/NDF : 126424.0/44

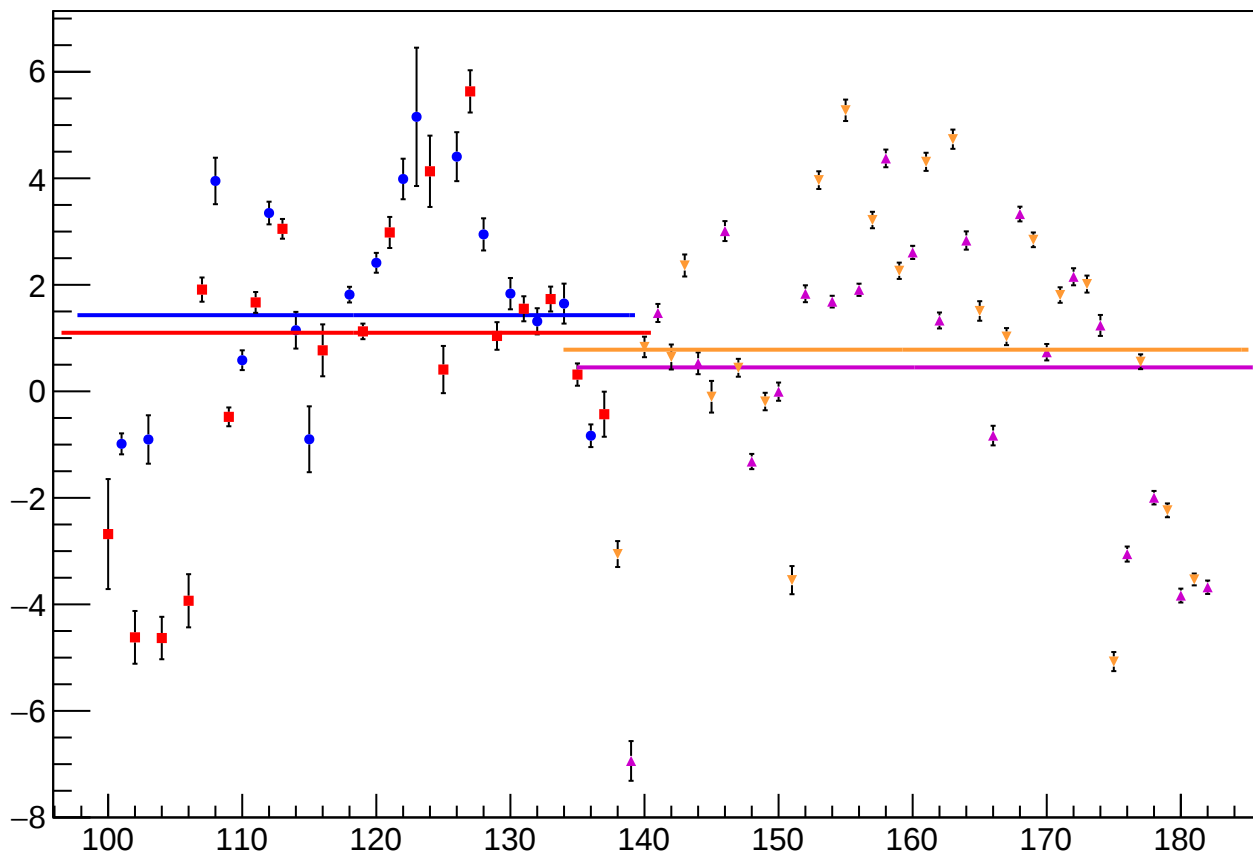
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.497+/-0.040 χ^2/NDF :43584.3/21

Out: -19.551+/-0.043 χ^2/NDF :81604.7/22

All: -18.450+/-0.029 χ^2/NDF : 126424.0/44

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: 0.782 $\pm$ 0.035 χ^2/NDF :6207.7/22

Right Out: 1.100 $\pm$ 0.060 χ^2/NDF : 901.0/18

Left In: 0.450 $\pm$ 0.032 χ^2/NDF :5980.0/21

Left: 0.602 $\pm$ 0.024 χ^2/NDF : 12237.2/44

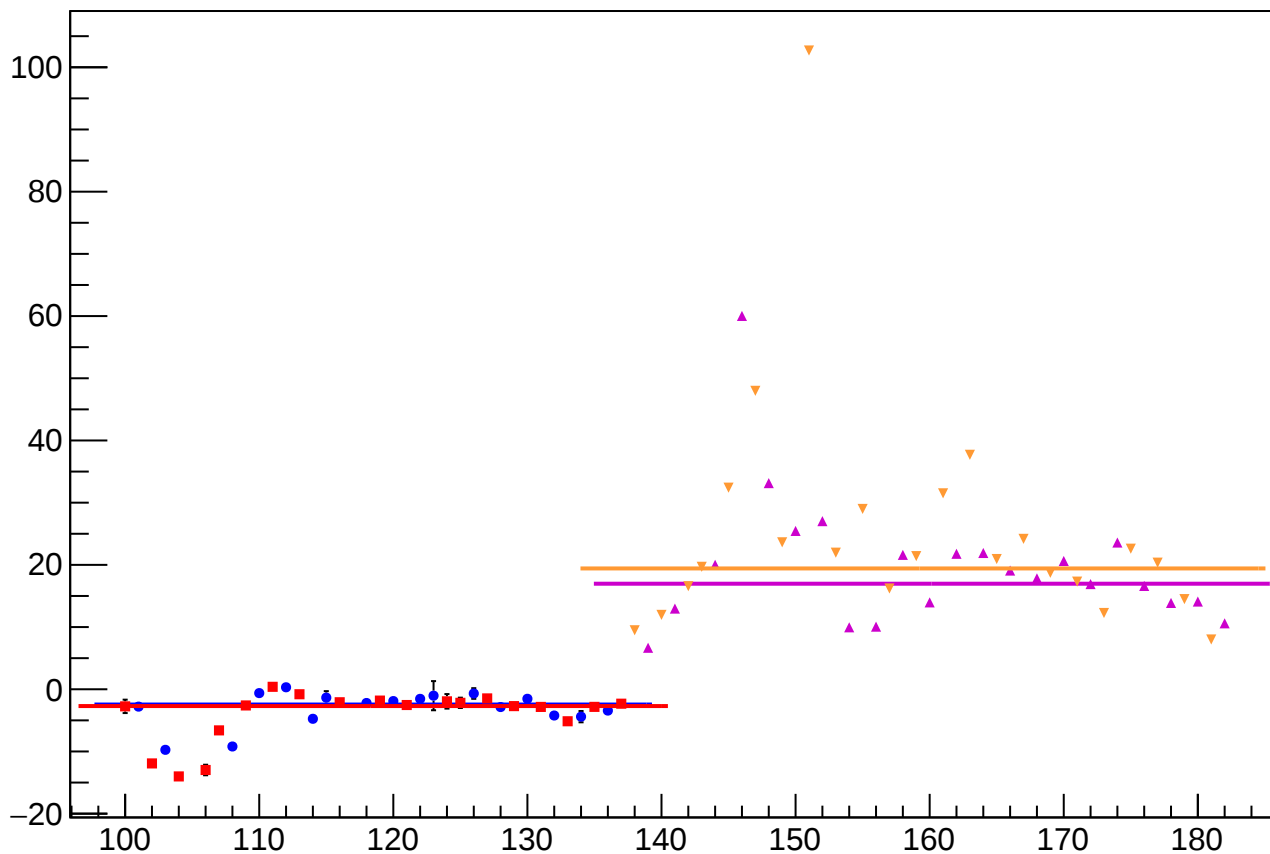
Right: 1.257 $\pm$ 0.043 χ^2/NDF : 1513.6/35

In: 0.652 $\pm$ 0.028 χ^2/NDF :6771.6/38

Out: 0.862 $\pm$ 0.030 χ^2/NDF :7129.8/41

All: 0.751 $\pm$ 0.021 χ^2/NDF : 13927.2/80

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.456+/-0.115 χ^2/NDF : 419.1/16

Left Out: 19.425+/-0.043 χ^2/NDF : 72037.4/22

Right Out: -2.700+/-0.103 χ^2/NDF : 829.7/18

Left In: 16.970+/-0.039 χ^2/NDF : 40304.3/21

Left: 18.096+/-0.029 χ^2/NDF : 114126.1/44

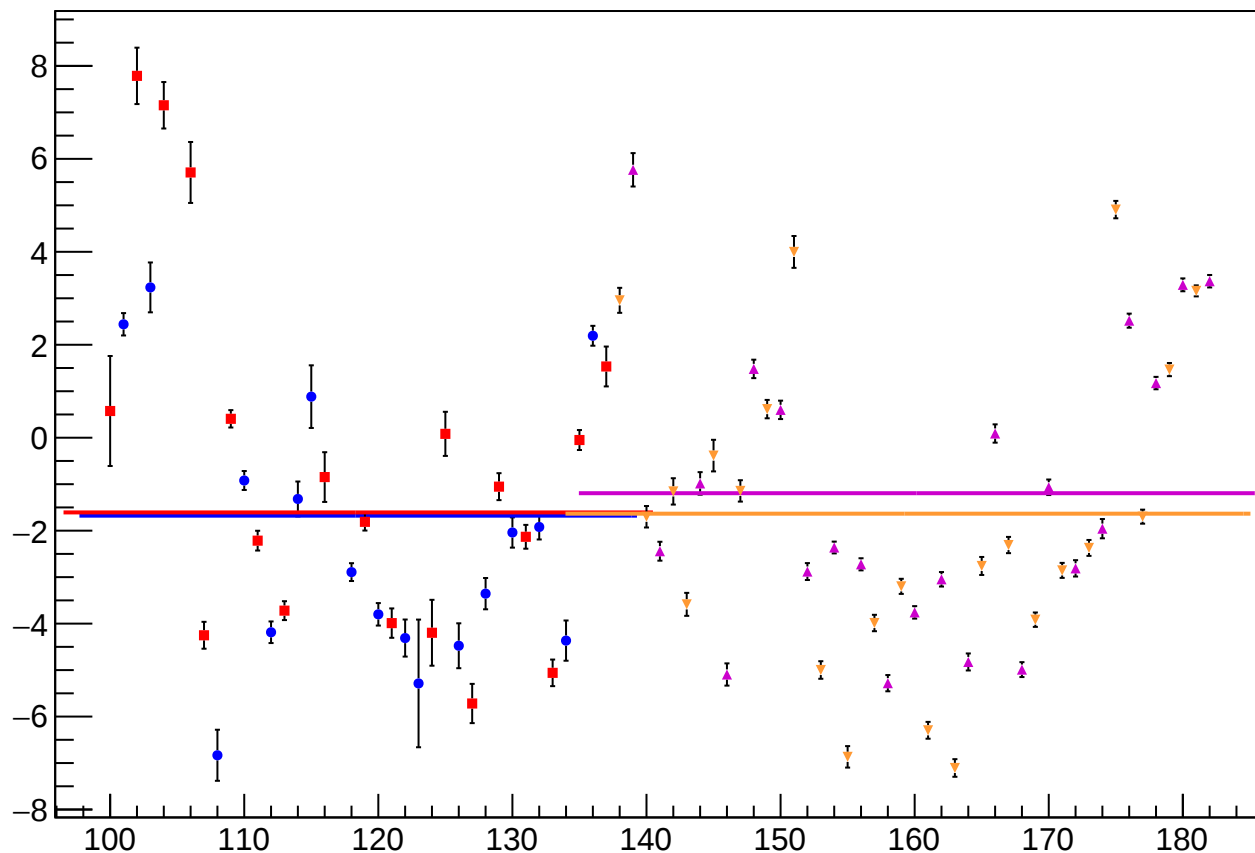
Right: -2.591+/-0.077 χ^2/NDF : 1251.4/35

In: 14.918+/-0.037 χ^2/NDF : 66439.8/38

Out: 16.177+/-0.039 χ^2/NDF : 112168.9/41

All: 15.510+/-0.027 χ^2/NDF : 179146.6/80

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 χ^2/NDF : 1204.7/16

Left Out: -1.635 ± 0.039 χ^2/NDF : 7041.3/22

Right Out: -1.607 ± 0.068 χ^2/NDF : 1430.8/18

Left In: -1.194 ± 0.036 χ^2/NDF : 6515.6/21

Left: -1.395 ± 0.026 χ^2/NDF : 13627.0/44

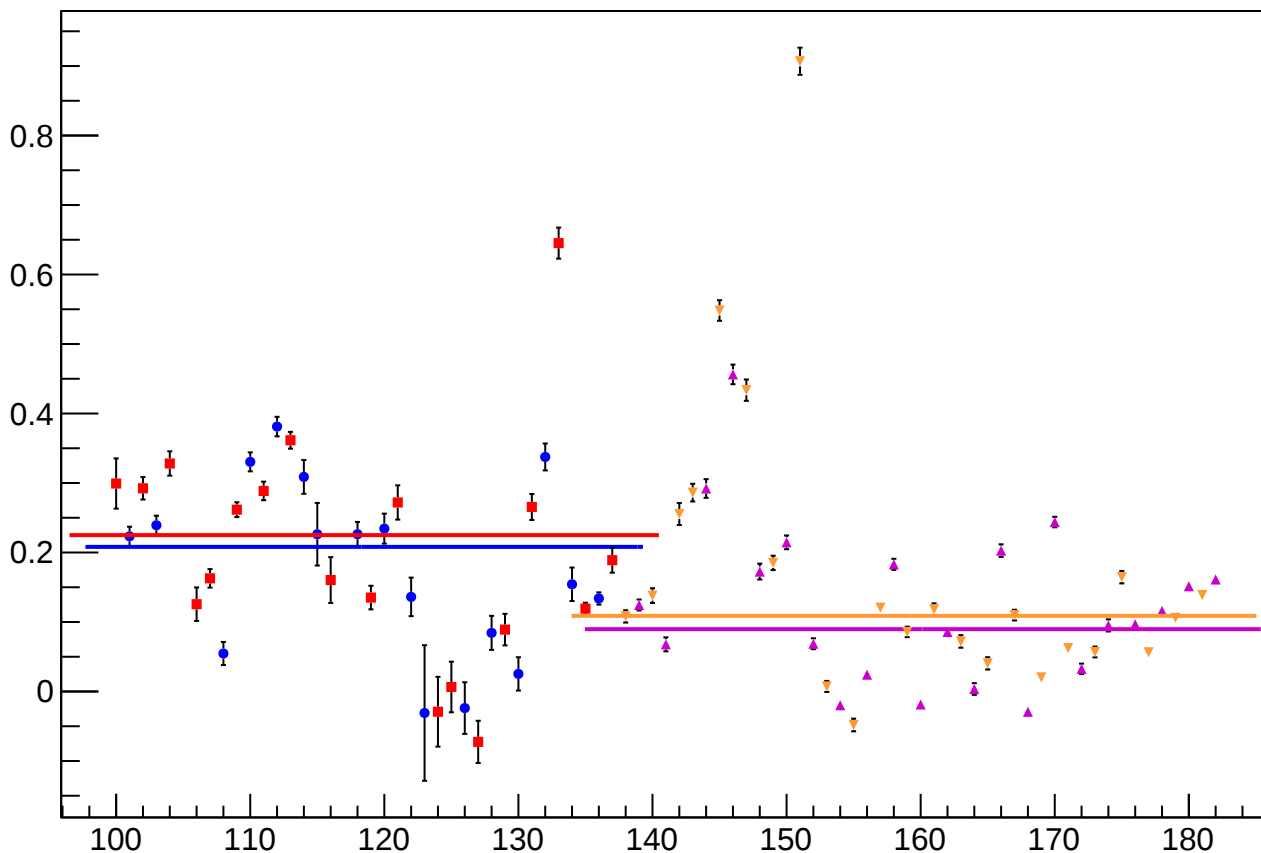
Right: -1.640 ± 0.050 χ^2/NDF : 2636.0/35

In: -1.288 ± 0.032 χ^2/NDF : 7756.1/38

Out: -1.628 ± 0.034 χ^2/NDF : 8472.2/41

All: -1.449 ± 0.023 χ^2/NDF : 16282.1/80

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.109 ± 0.002 χ^2/NDF : 4267.3/22

Right Out: 0.225 ± 0.004 χ^2/NDF : 1000.0/18

Left In: 0.090 ± 0.002 χ^2/NDF : 3534.9/21

Left: 0.098 ± 0.001 χ^2/NDF : 7869.2/44

Right: 0.217 ± 0.003 χ^2/NDF : 1609.0/35

In: 0.104 ± 0.001 χ^2/NDF : 4815.4/38

Out: 0.129 ± 0.002 χ^2/NDF : 6029.6/41

All: 0.115 ± 0.001 χ^2/NDF : 10978.9/80