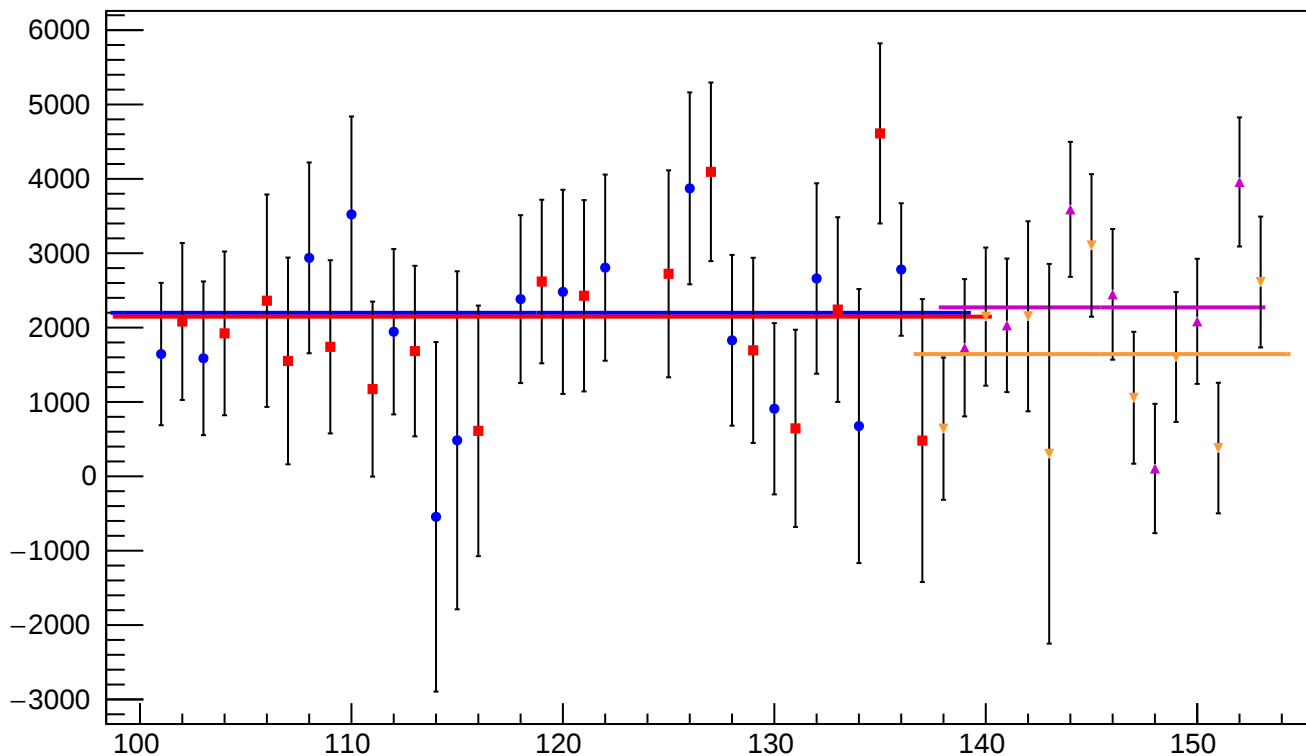


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1643.787+/-328.309

Right Out: 2147.149+/-304.804

Left In: 2271.767+/-333.544

χ^2/NDF : 8.6/15

χ^2/NDF : 7.9/8

χ^2/NDF : 11.4/16

χ^2/NDF : 12.6/6

Left: 1952.810+/-233.978

Right: 2172.848+/-216.219

In: 2232.281+/-225.791

Out: 1914.130+/-223.377

All: 2071.496+/-158.798

χ^2/NDF : 22.3/15

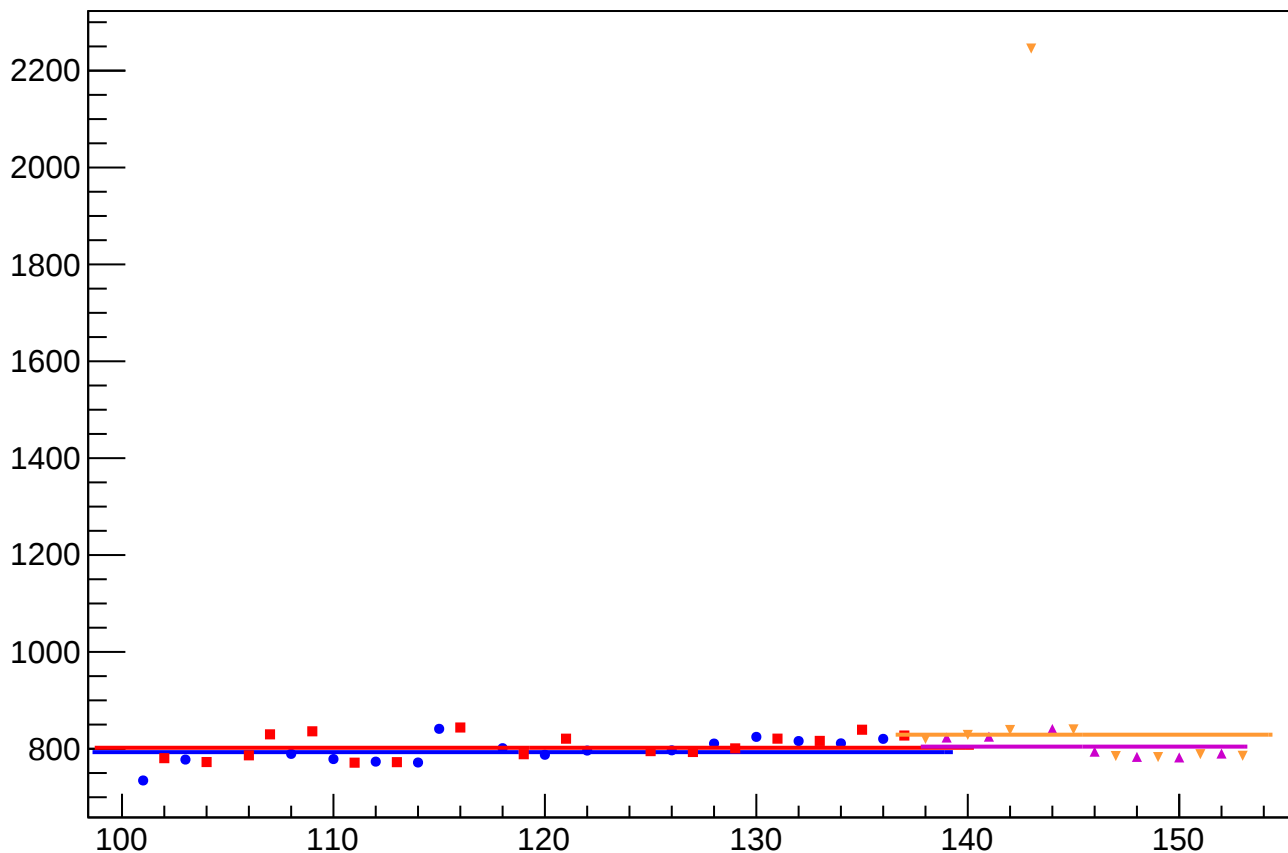
χ^2/NDF : 20.0/32

χ^2/NDF : 21.2/22

χ^2/NDF : 20.5/25

χ^2/NDF : 42.8/48

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 829.131+/-0.232 χ^2/NDF : 635838.0/8

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

Left In: 804.488+/-0.236 χ^2/NDF : 8520.0/6

Left: 817.005+/-0.165 χ^2/NDF : 649902.9/15

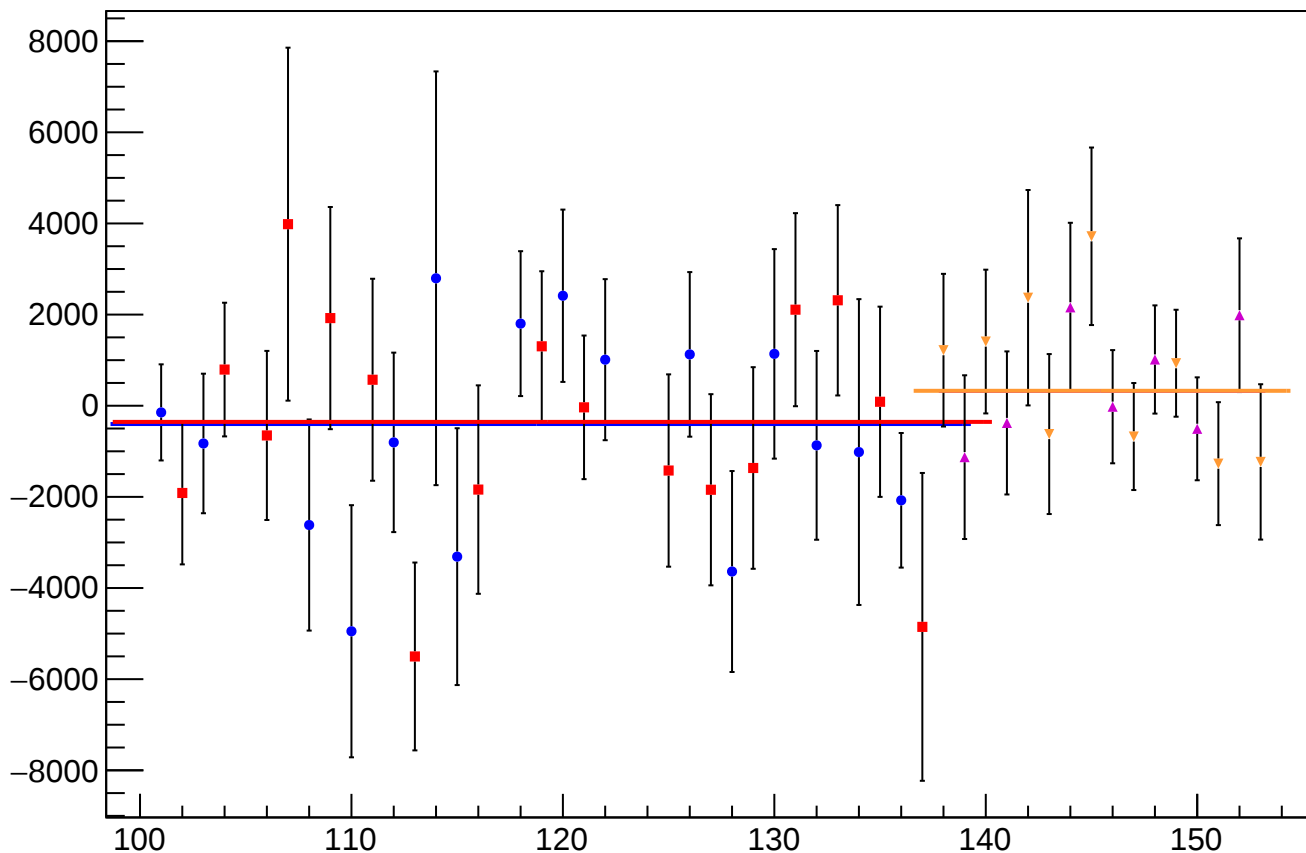
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 798.314+/-0.160 χ^2/NDF : 24488.2/22

Out: 814.639+/-0.158 χ^2/NDF : 655817.3/25

All: 806.564+/-0.112 χ^2/NDF : 685589.4/48

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 327.440 ± 508.257 $\chi^2/\text{NDF}: 8.1/8$

Right Out: -354.462 ± 486.525 $\chi^2/\text{NDF}: 17.4/16$

Left In: 323.466 ± 534.550 $\chi^2/\text{NDF}: 3.8/6$

Left: 325.553 ± 368.336 $\chi^2/\text{NDF}: 11.8/15$

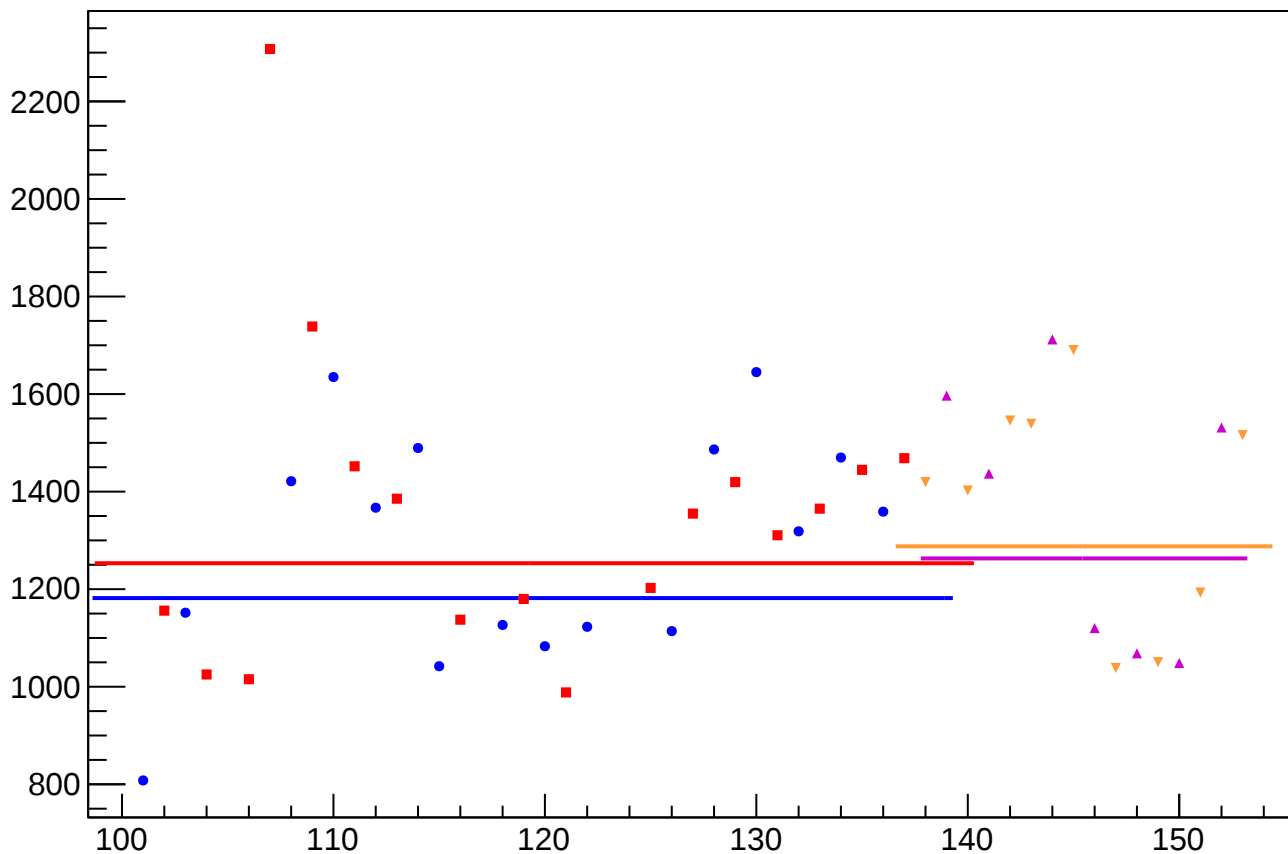
Right: -378.842 ± 337.535 $\chi^2/\text{NDF}: 32.2/32$

In: -86.400 ± 352.403 $\chi^2/\text{NDF}: 19.6/22$

Out: -28.400 ± 351.457 $\chi^2/\text{NDF}: 26.4/25$

All: -57.322 ± 248.851 $\chi^2/\text{NDF}: 46.1/48$

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1287.800 $\pm$ 0.359 χ^2 /NDF:390731.5/8

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

Left In: 1263.087 $\pm$ 0.378 χ^2 /NDF:413537.1/6

Left: 1276.066 $\pm$ 0.260 χ^2 /NDF: 806513.7/15

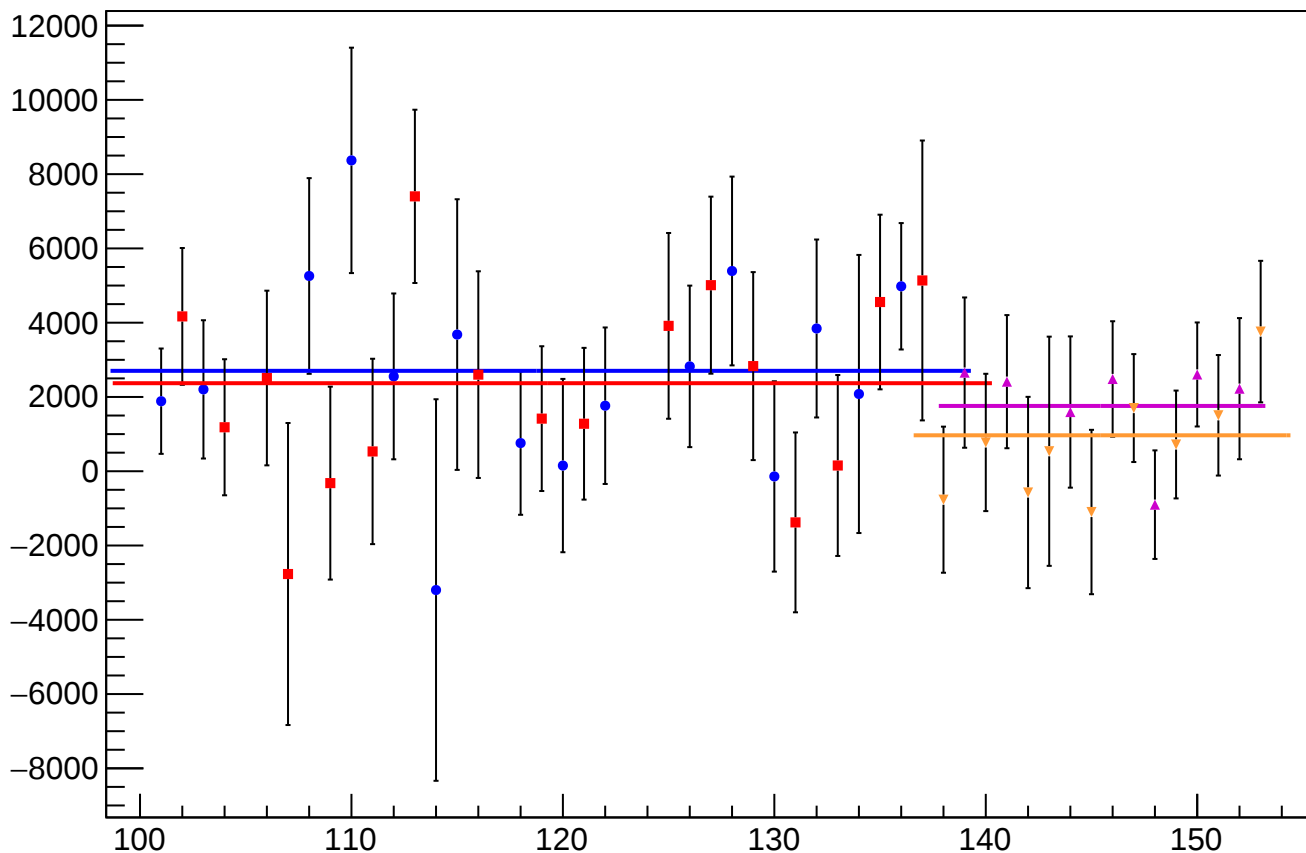
Right: 1216.159 $\pm$ 0.239 χ^2 /NDF: 1021509.6/32

In: 1217.109 $\pm$ 0.249 χ^2 /NDF:983199.9/22

Out: 1269.756 $\pm$ 0.249 χ^2 /NDF:851202.7/25

All: 1243.503 $\pm$ 0.176 χ^2 /NDF: 1856780.6/48

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 967.705 $\pm$ 618.514 χ^2 /NDF:4.6/8

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

Left In: 1758.458 $\pm$ 636.912 χ^2 /NDF:4.3/6

Left: 1351.495 $\pm$ 443.717 χ^2 /NDF: 9.7/15

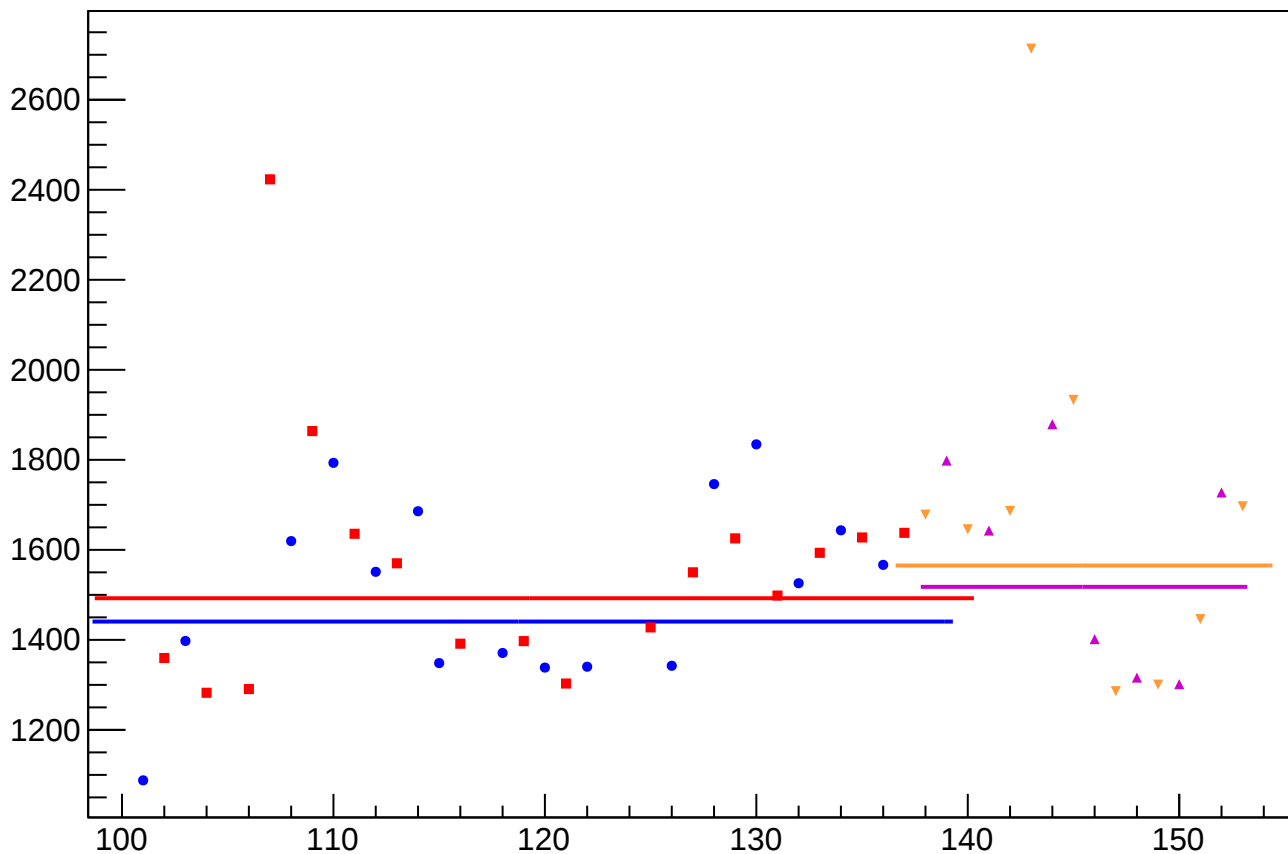
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2287.834 $\pm$ 422.456 χ^2 /NDF:18.6/22

Out: 1722.087 $\pm$ 420.532 χ^2 /NDF:23.4/25

All: 2003.669 $\pm$ 298.039 χ^2 /NDF: 42.8/48

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1565.176 $\pm$ 0.437 χ^2/NDF : 507689.7/8

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

Left In: 1517.803 $\pm$ 0.450 χ^2/NDF : 232455.2/6

Left: 1542.183 $\pm$ 0.314 χ^2/NDF : 745839.2/15

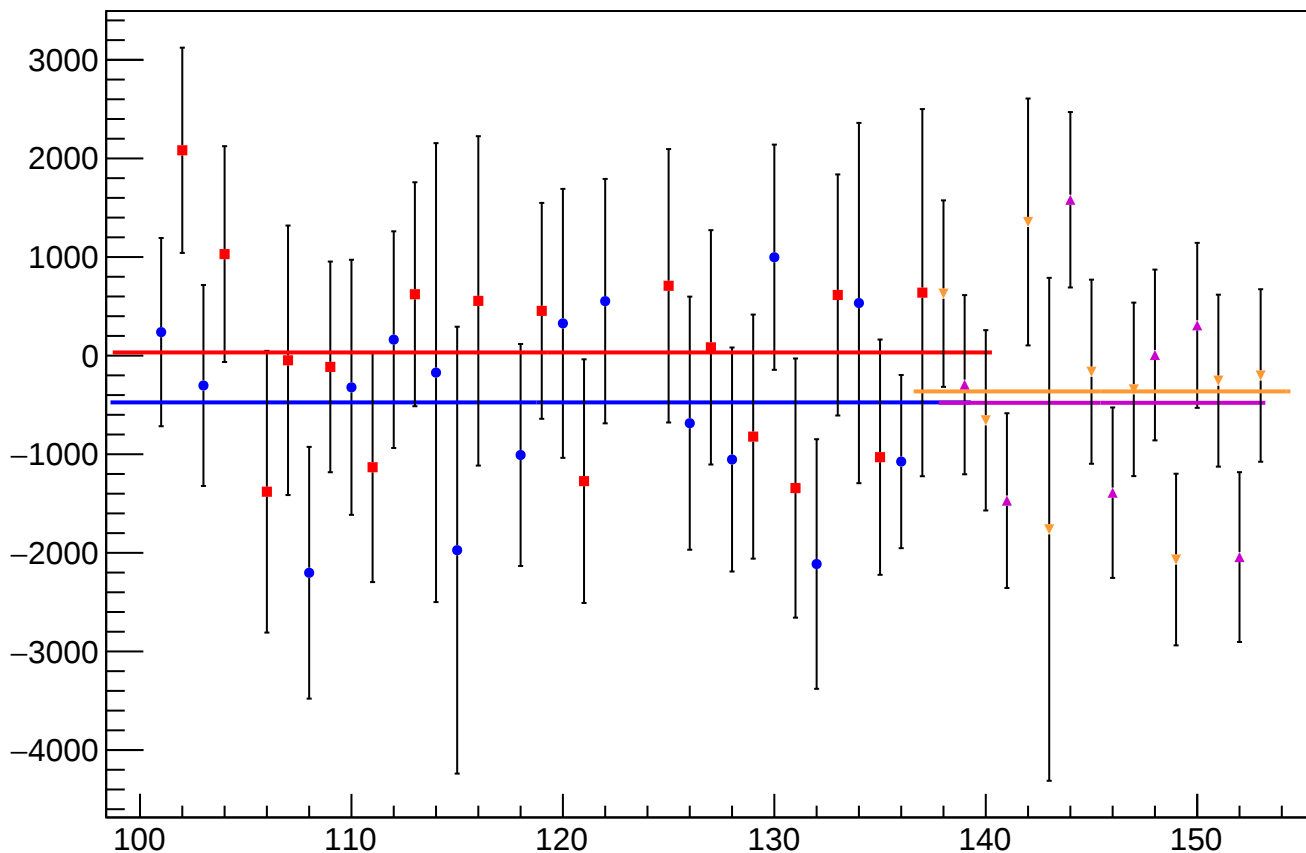
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

In: 1474.595 $\pm$ 0.299 χ^2/NDF : 531153.1/22

Out: 1526.112 $\pm$ 0.297 χ^2/NDF : 774031.9/25

All: 1500.471 $\pm$ 0.211 χ^2/NDF : 1320123.7/48

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -362.889+/-324.676 χ^2/NDF : 7.3/8

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

Left In: -478.279+/-329.734 χ^2/NDF : 12.3/6

Left: -419.692+/-231.348 χ^2/NDF : 19.6/15

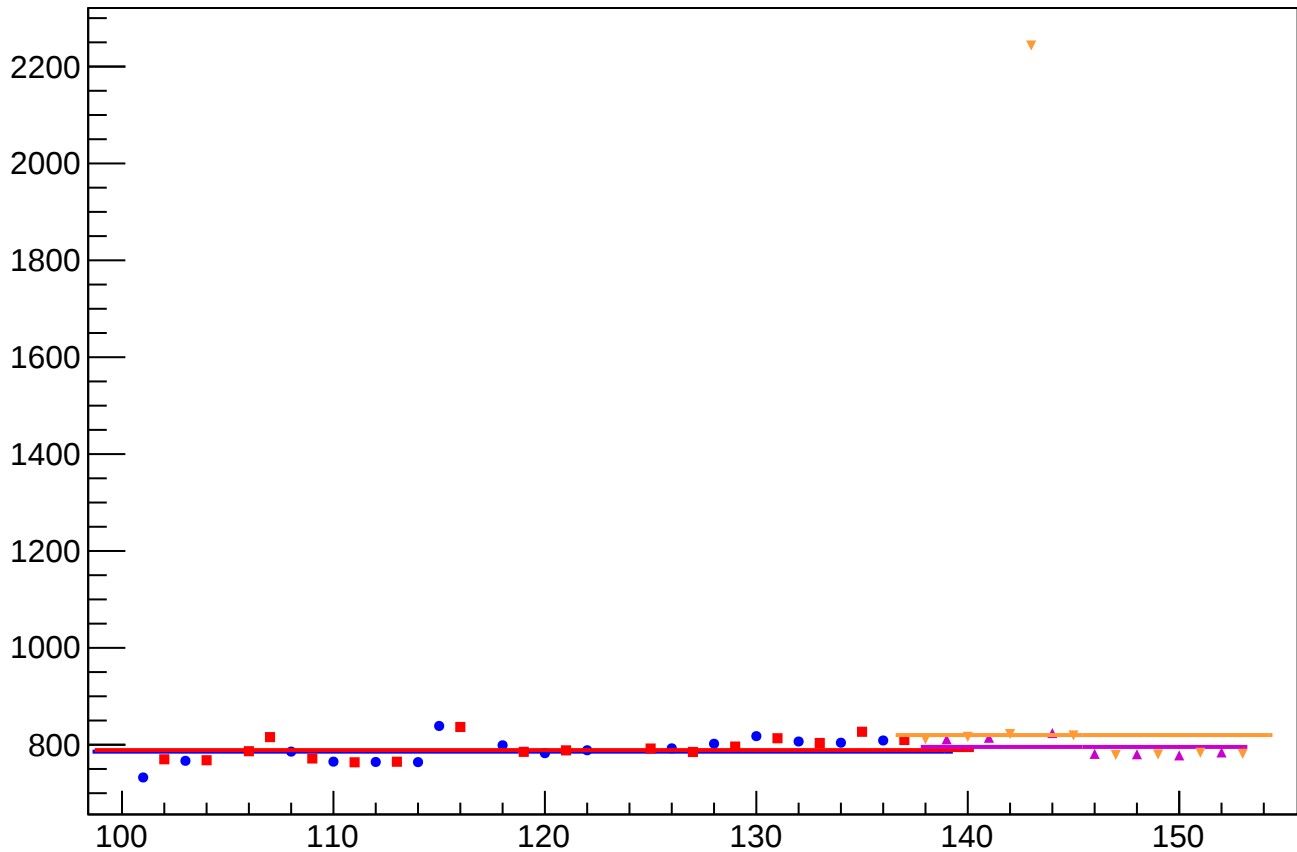
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -476.039+/-223.471 χ^2/NDF : 21.1/22

Out: -149.370+/-220.186 χ^2/NDF : 19.4/25

All: -310.285+/-156.843 χ^2/NDF : 41.6/48

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 819.971 $\pm$ 0.230 χ^2 /NDF: 639203.1/8

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

Left In: 795.480 $\pm$ 0.233 χ^2 /NDF: 5970.5/6

Left: 807.915 $\pm$ 0.164 χ^2 /NDF: 650775.4/15

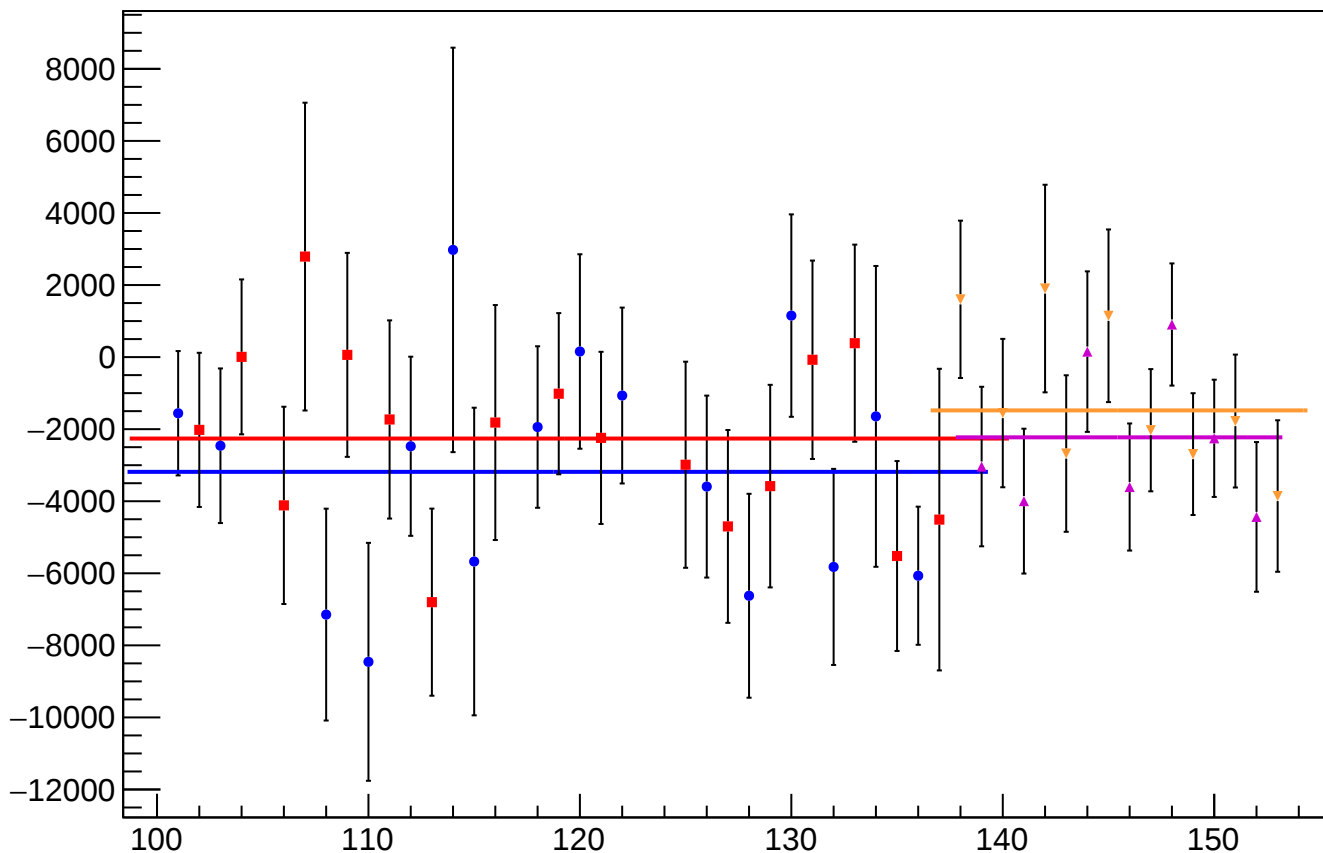
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 790.217 $\pm$ 0.158 χ^2 /NDF: 20834.5/22

Out: 803.212 $\pm$ 0.156 χ^2 /NDF: 658594.8/25

All: 796.811 $\pm$ 0.111 χ^2 /NDF: 682860.7/48

asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 ± 647.361 $\chi^2/\text{NDF}: 16.8/15$

Left Out: -1479.280 ± 678.835 $\chi^2/\text{NDF}: 6.8/8$

Right Out: -2260.241 ± 651.957 $\chi^2/\text{NDF}: 11.6/16$

Left In: -2226.685 ± 719.432 $\chi^2/\text{NDF}: 7.2/6$

Left: -1831.301 ± 493.737 $\chi^2/\text{NDF}: 14.6/15$

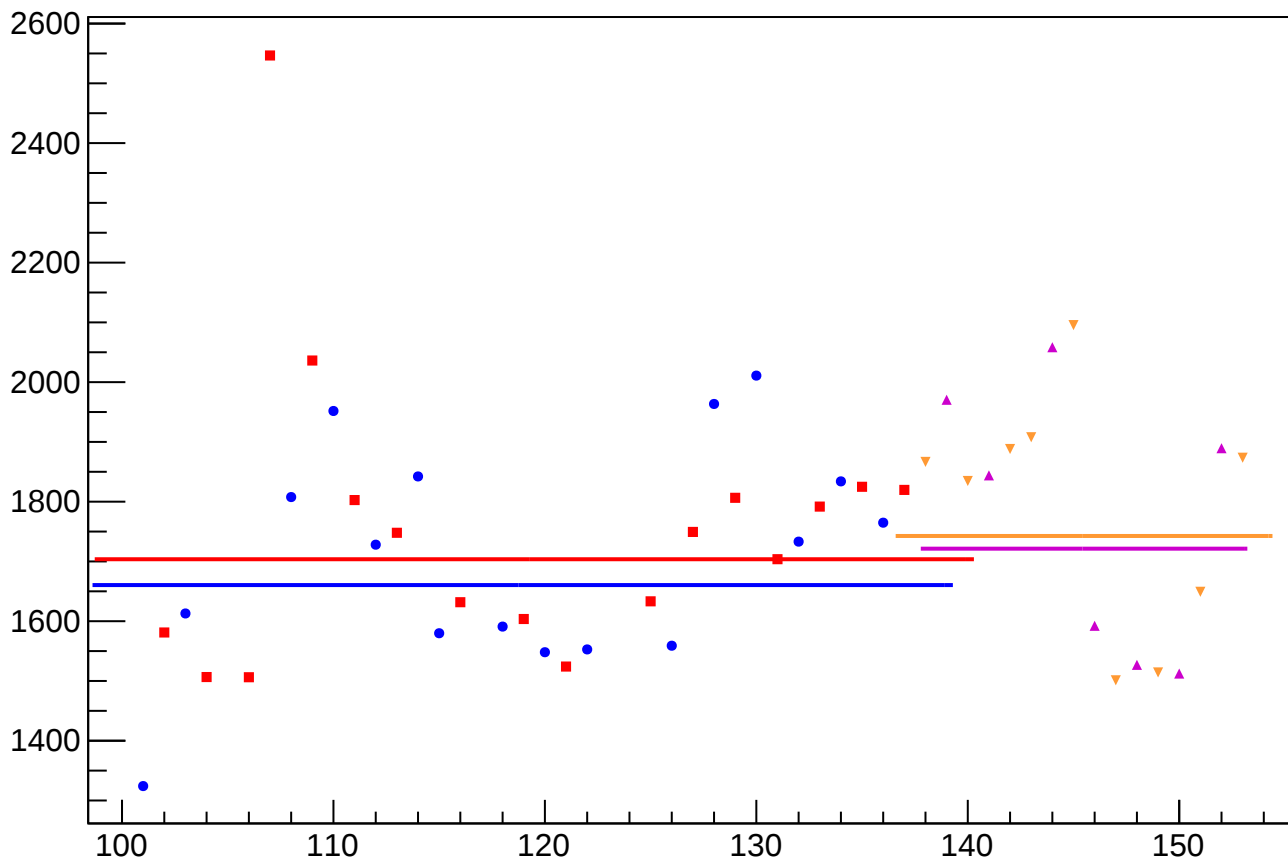
Right: -2725.651 ± 459.370 $\chi^2/\text{NDF}: 29.4/32$

In: -2755.970 ± 481.222 $\chi^2/\text{NDF}: 25.0/22$

Out: -1885.527 ± 470.219 $\chi^2/\text{NDF}: 19.1/25$

All: -2310.683 ± 336.318 $\chi^2/\text{NDF}: 45.7/48$

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1742.607 $\pm$ 0.480 χ^2 /NDF:160420.7/8

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

Left In: 1721.367 $\pm$ 0.509 χ^2 /NDF:161656.3/6

Left: 1732.603 $\pm$ 0.349 χ^2 /NDF: 322999.1/15

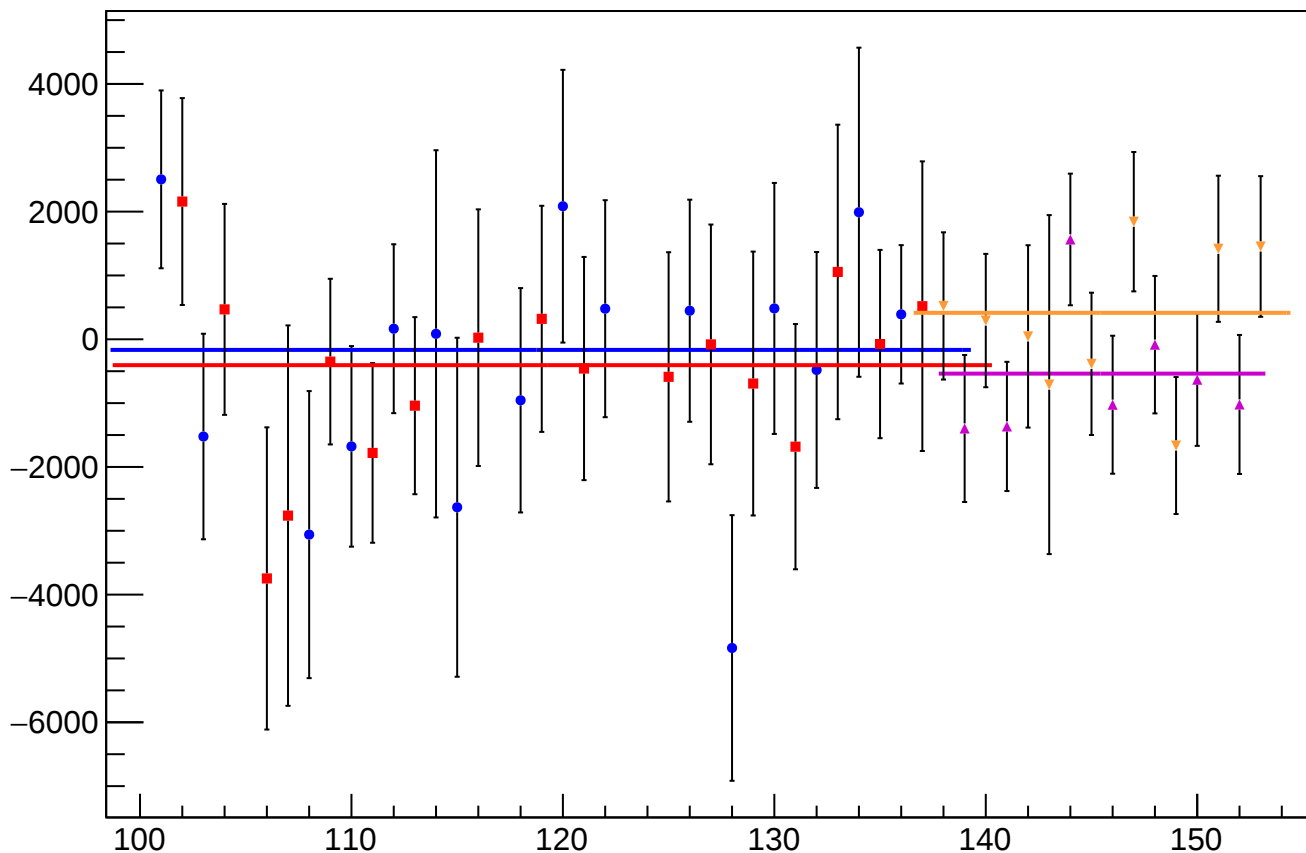
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

In: 1687.712 $\pm$ 0.340 χ^2 /NDF:348783.0/22

Out: 1722.357 $\pm$ 0.332 χ^2 /NDF:334867.3/25

All: 1705.435 $\pm$ 0.238 χ^2 /NDF: 688953.4/48

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 414.813 ± 395.301 $\chi^2/\text{NDF}: 7.9/8$

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

Left In: -537.888 ± 402.799 $\chi^2/\text{NDF}: 6.0/6$

Left: -52.588 ± 282.134 $\chi^2/\text{NDF}: 16.7/15$

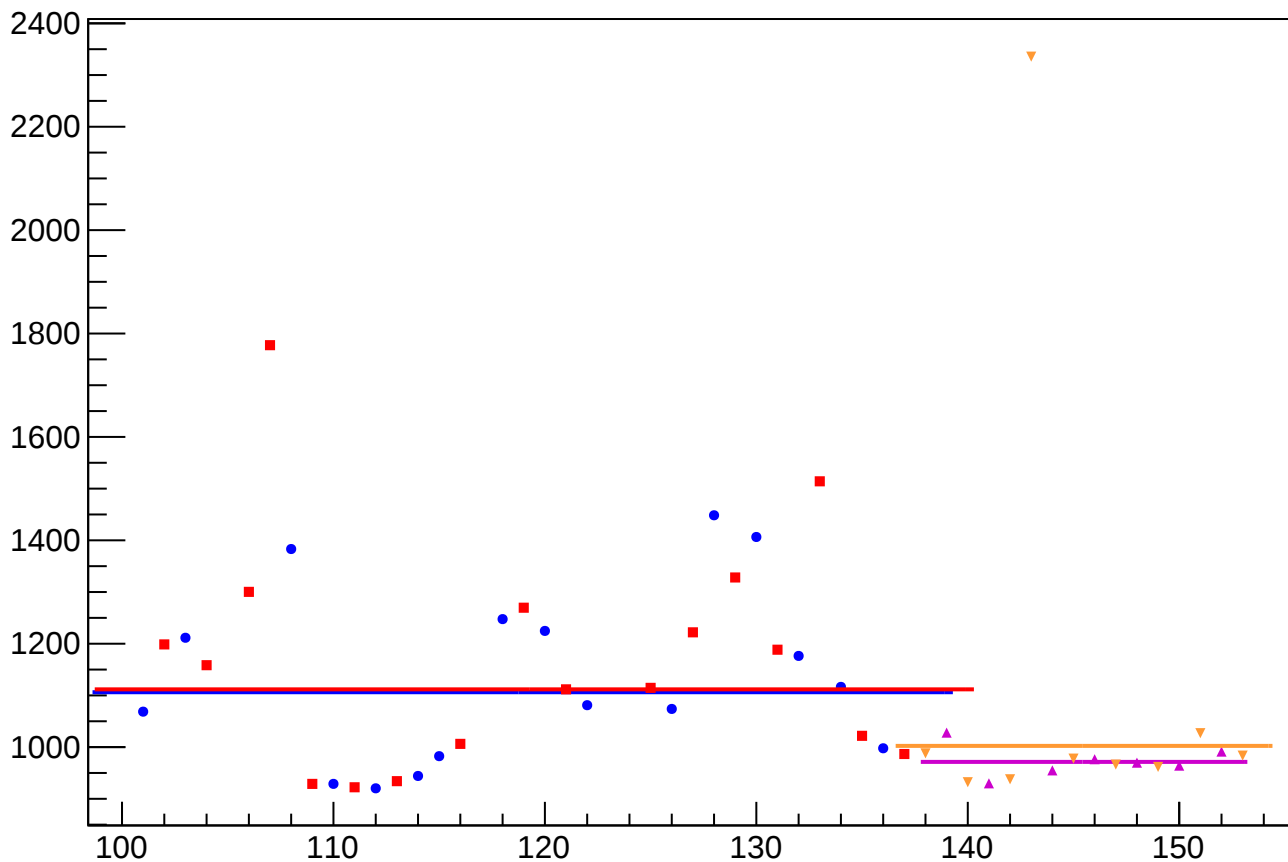
Right: -286.949 ± 304.505 $\chi^2/\text{NDF}: 23.7/32$

In: -365.394 ± 294.820 $\chi^2/\text{NDF}: 22.0/22$

Out: 37.872 ± 290.586 $\chi^2/\text{NDF}: 17.8/25$

All: -160.844 ± 206.956 $\chi^2/\text{NDF}: 40.7/48$

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1106.159+/-0.306 χ^2/NDF : 259917.7/15

Left Out: 1002.375+/-0.280 χ^2/NDF : 525177.4/8

Right Out: 1111.726+/-0.303 χ^2/NDF : 356388.5/16

Left In: 971.404+/-0.285 χ^2/NDF : 9514.5/6

Left: 987.180+/-0.199 χ^2/NDF : 540714.8/15

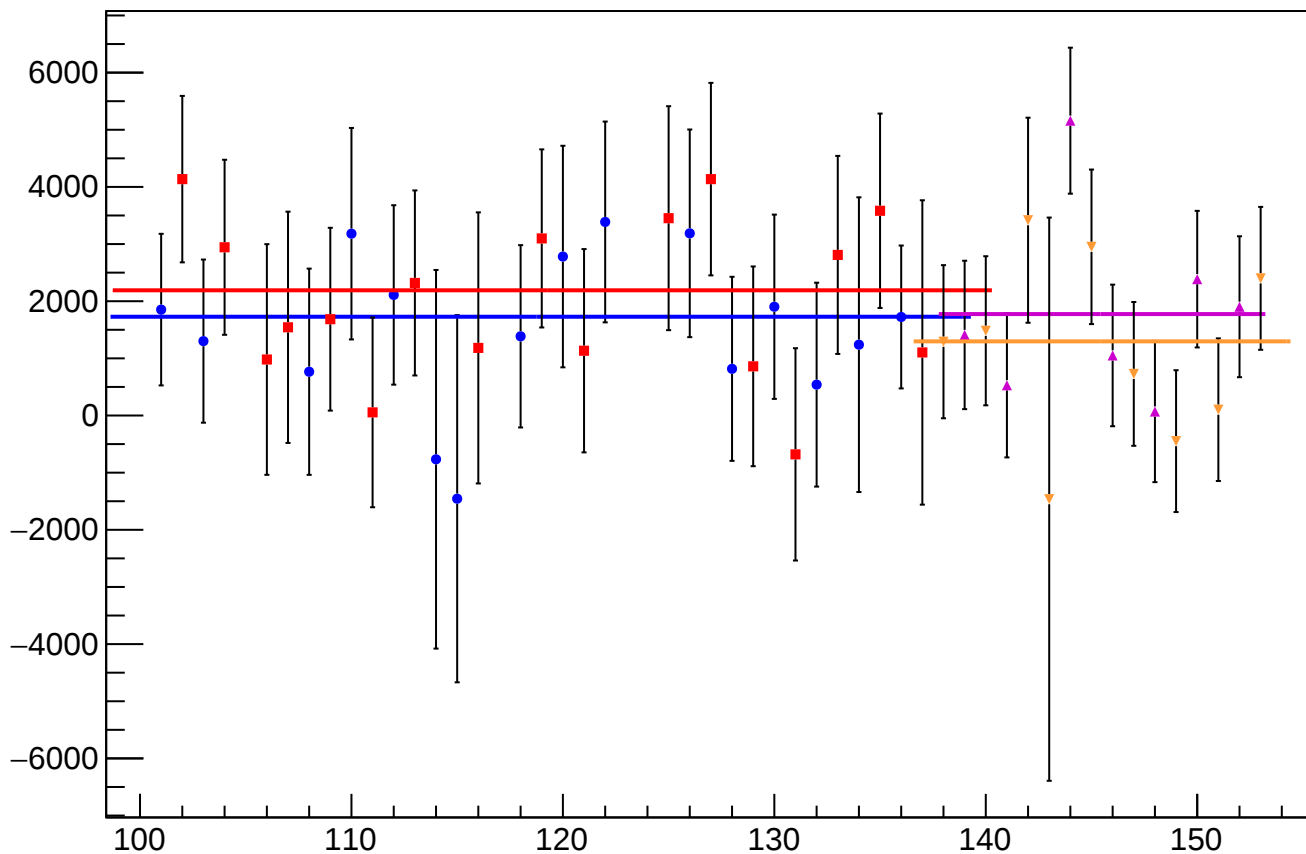
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1033.968+/-0.208 χ^2/NDF : 373357.7/22

Out: 1052.636+/-0.205 χ^2/NDF : 951910.3/25

All: 1043.437+/-0.146 χ^2/NDF : 1329335.1/48

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1297.429 $\pm$ 465.919 χ^2/NDF : 7.1/8

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

Left In: 1775.070 $\pm$ 471.543 χ^2/NDF : 10.6/6

Left: 1533.384 $\pm$ 331.425 χ^2/NDF : 18.2/15

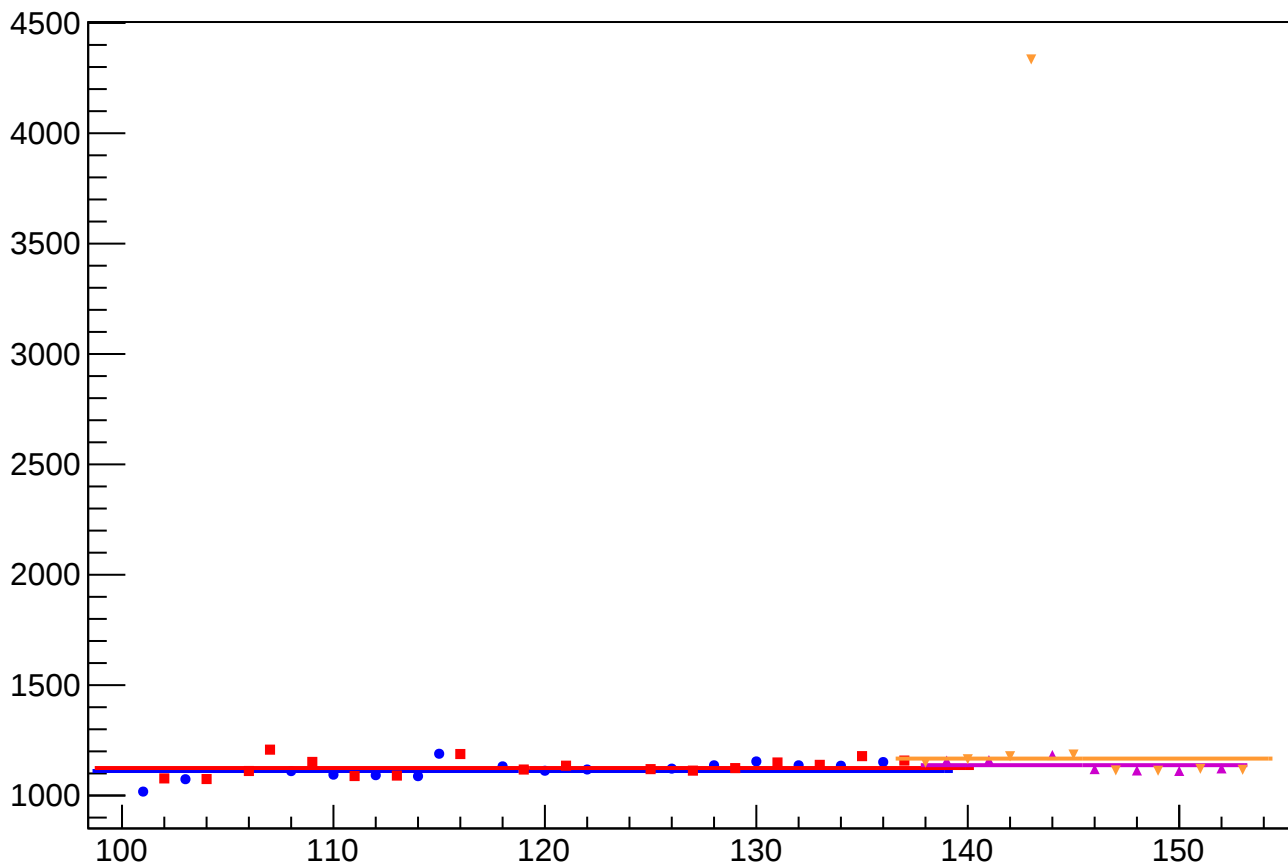
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

In: 1749.613 $\pm$ 317.650 χ^2/NDF : 15.9/22

Out: 1782.842 $\pm$ 314.885 χ^2/NDF : 19.9/25

All: 1766.373 $\pm$ 223.628 χ^2/NDF : 35.8/48

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1167.275+/-0.329 χ^2/NDF : 840574.2/8

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

Left In: 1137.465+/-0.333 χ^2/NDF : 6194.4/6

Left: 1152.549+/-0.234 χ^2/NDF : 850813.1/15

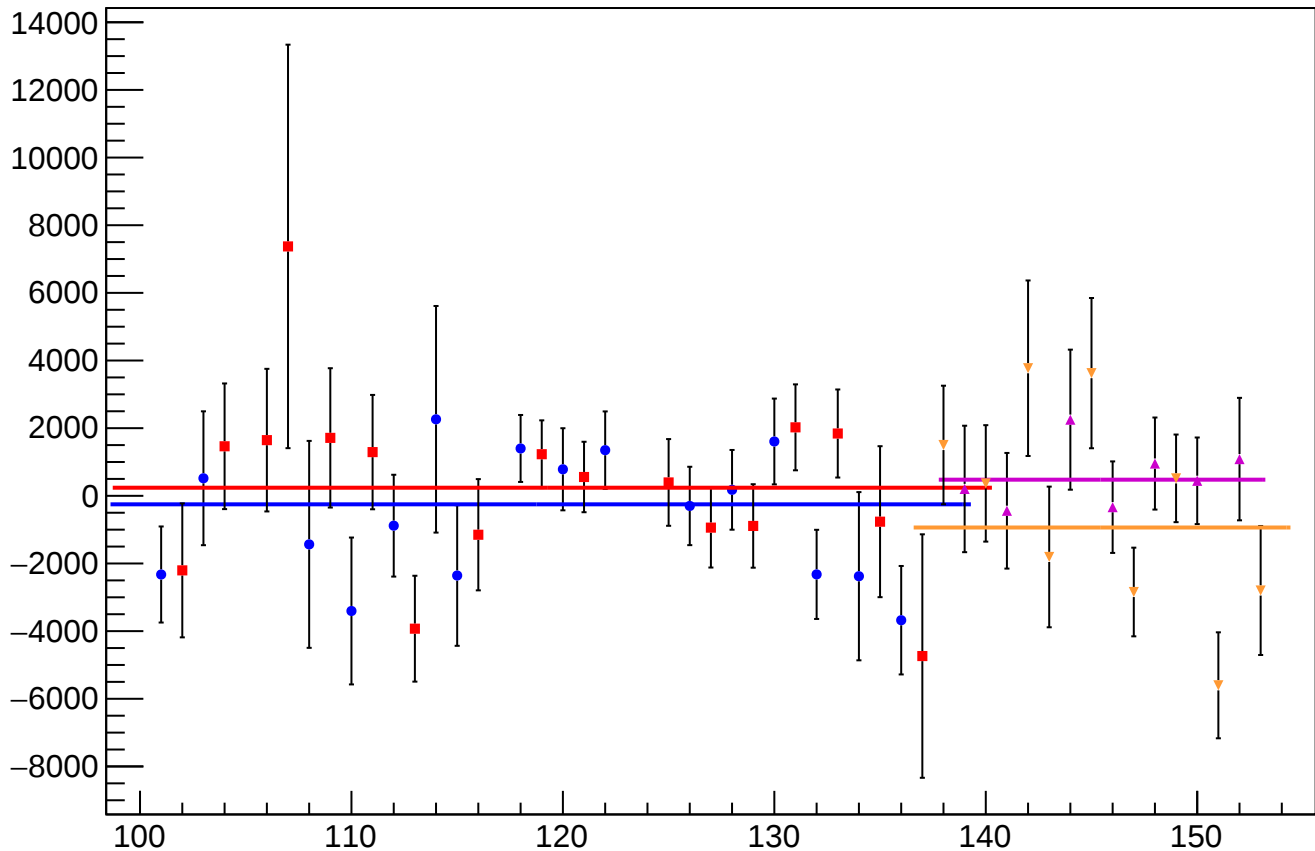
Right: 1117.819+/-0.214 χ^2/NDF : 33680.2/32

In: 1123.033+/-0.225 χ^2/NDF : 27715.5/22

Out: 1144.046+/-0.223 χ^2/NDF : 864326.7/25

All: 1133.631+/-0.158 χ^2/NDF : 896456.4/48

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -936.428 ± 567.379 χ^2/NDF : 23.4/8

Right Out: 239.863 ± 363.842 χ^2/NDF : 21.1/16

Left In: 477.409 ± 590.924 χ^2/NDF : 1.6/6

Left: -258.236 ± 409.268 χ^2/NDF : 28.0/15

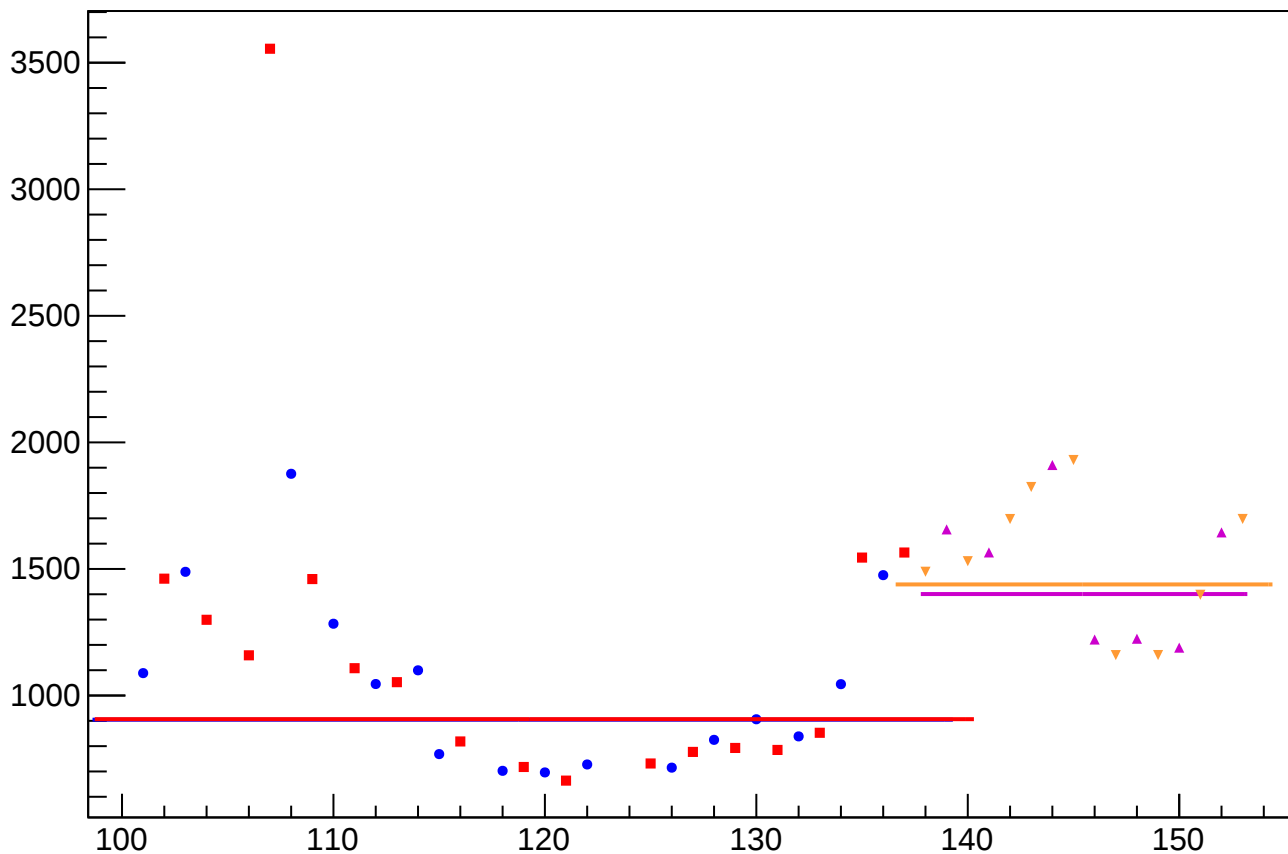
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: -50.117 ± 310.507 χ^2/NDF : 24.6/22

Out: -102.902 ± 306.277 χ^2/NDF : 47.5/25

All: -76.871 ± 218.051 χ^2/NDF : 72.1/48

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1438.883+/-0.401 χ^2/NDF : 415318.5/8

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

Left In: 1400.883+/-0.418 χ^2/NDF : 336975.0/6

Left: 1420.655+/-0.289 χ^2/NDF : 756596.7/15

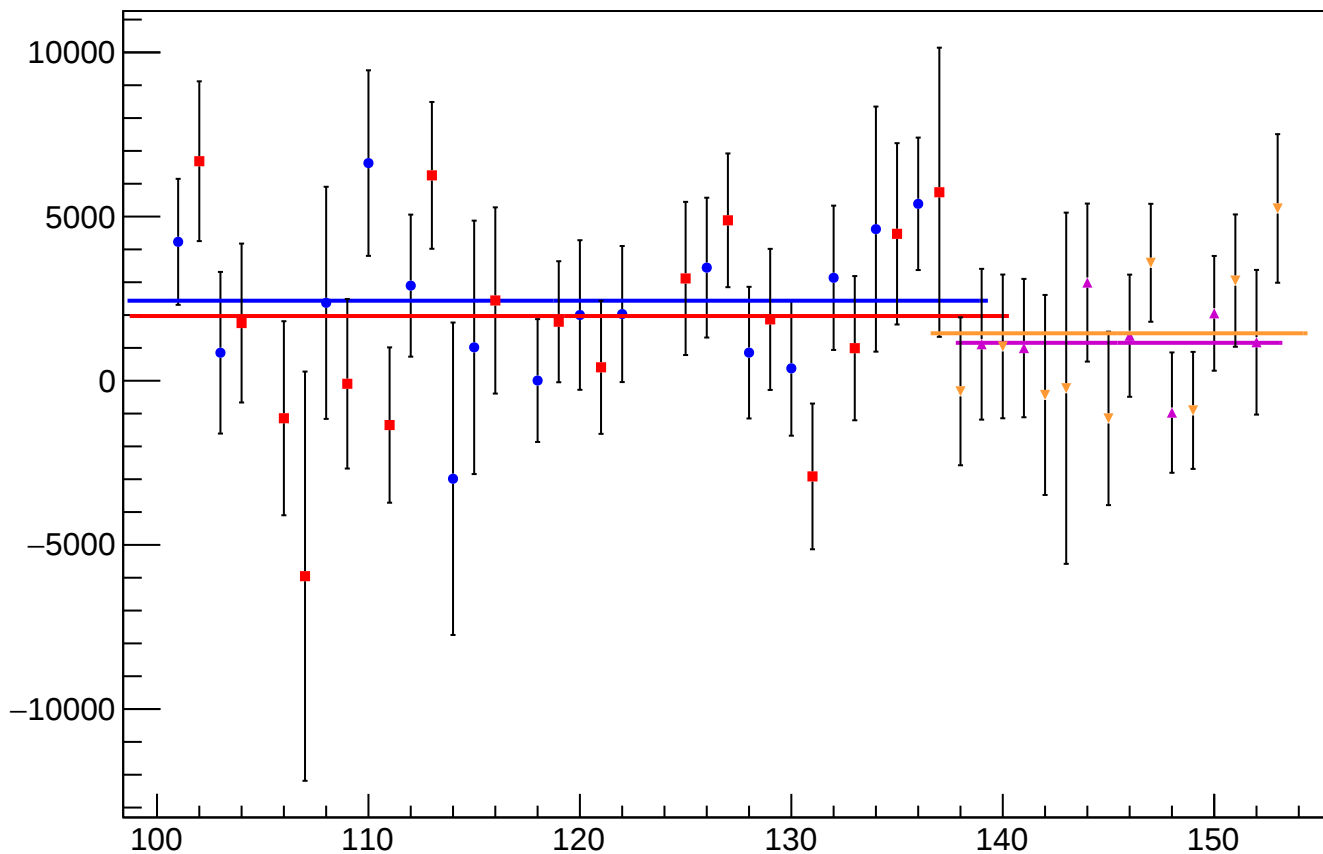
Right: 905.545+/-0.182 χ^2/NDF : 2397204.6/32

In: 1041.547+/-0.220 χ^2/NDF : 2379702.1/22

Out: 1061.700+/-0.217 χ^2/NDF : 3038724.0/25

All: 1051.762+/-0.154 χ^2/NDF : 5422696.5/48

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1445.002 $\pm$ 754.164 χ^2/NDF : 8.7/8

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

Left In: 1154.799 $\pm$ 765.293 χ^2/NDF : 2.2/6

Left: 1302.025 $\pm$ 537.166 χ^2/NDF : 11.0/15

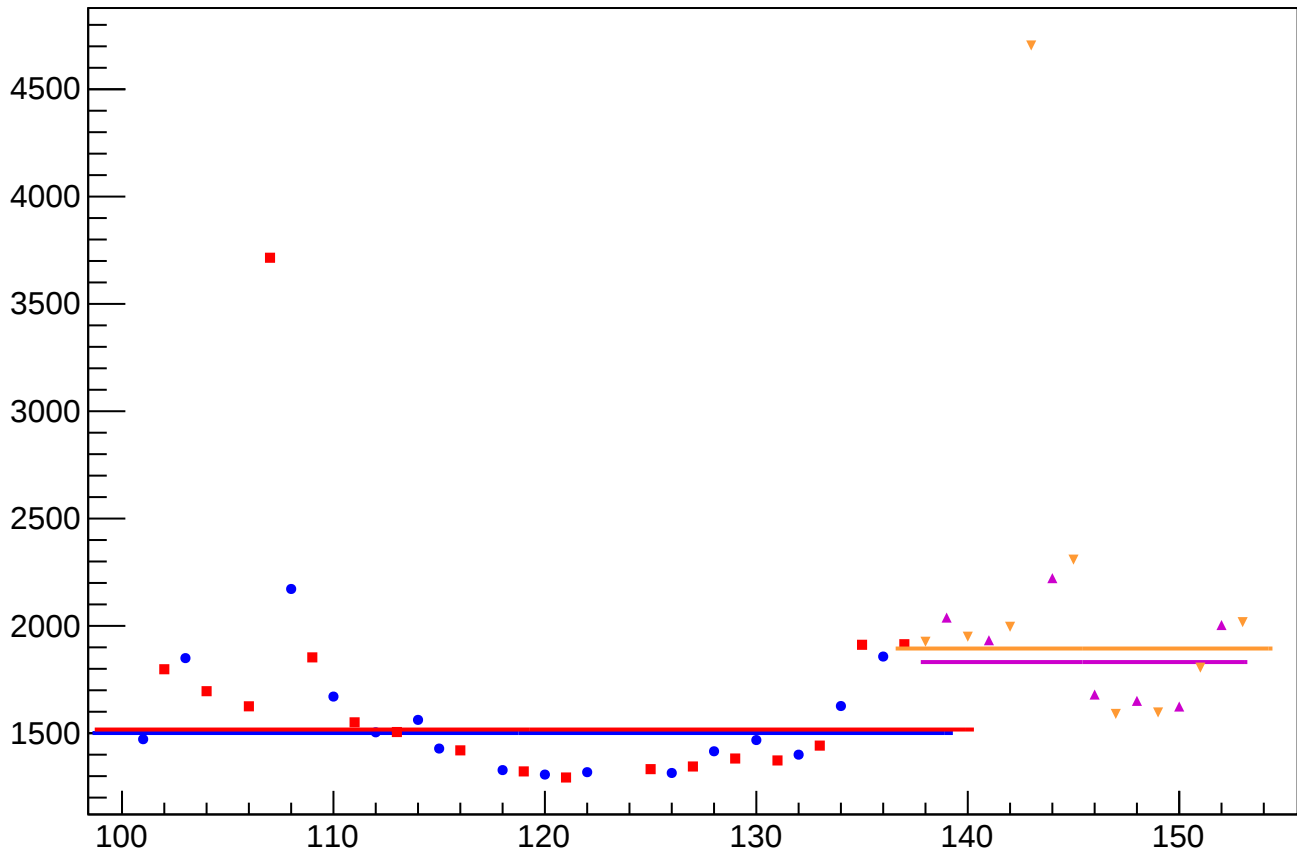
Right: 2204.149 $\pm$ 414.681 χ^2/NDF : 33.8/32

In: 1963.168 $\pm$ 465.382 χ^2/NDF : 15.1/22

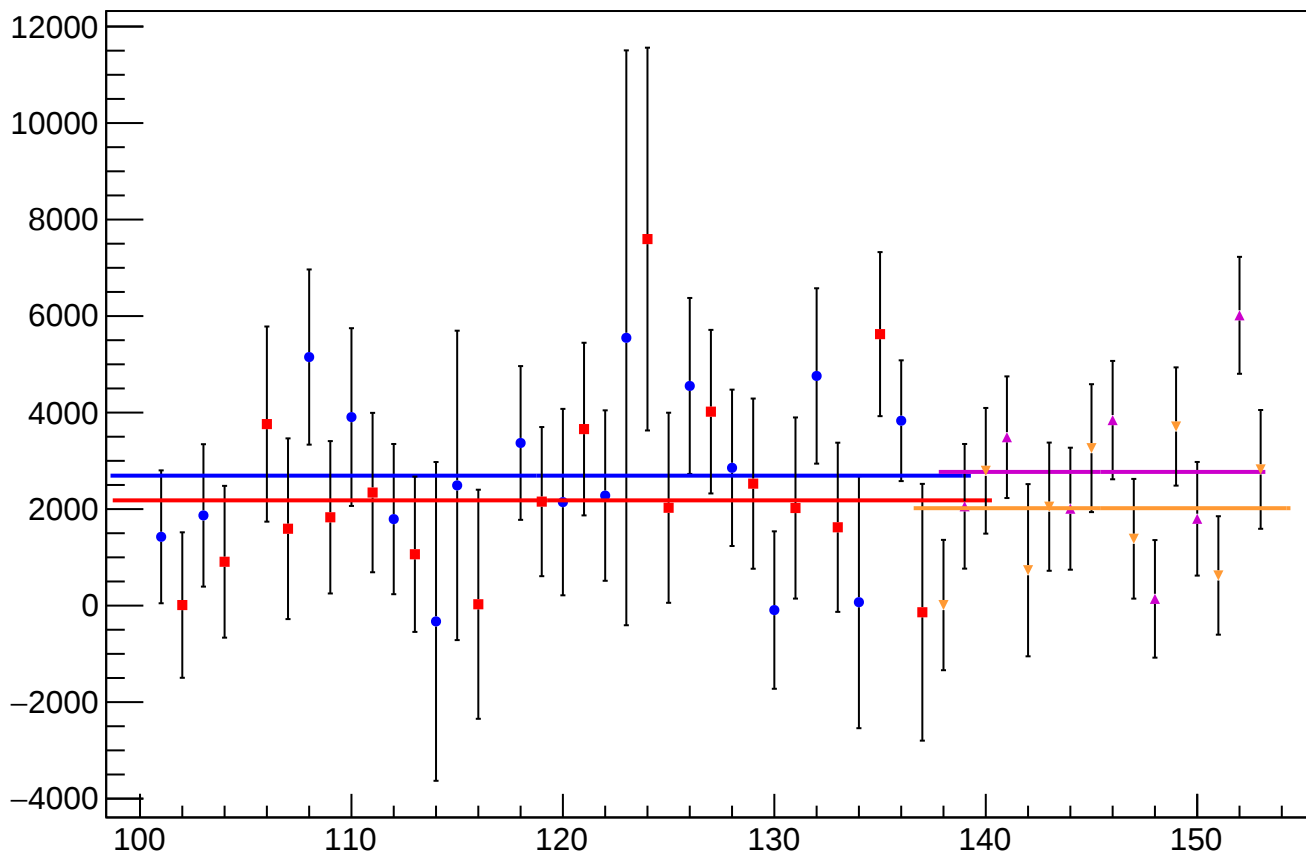
Out: 1772.355 $\pm$ 463.057 χ^2/NDF : 31.3/25

All: 1867.283 $\pm$ 328.250 χ^2/NDF : 46.5/48

asym_usl_rms vs Slug, Sign Corrected



dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2018.746 $\pm$ 437.343 χ^2 /NDF: 7.8/8

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

Left In: 2770.403 $\pm$ 466.484 χ^2 /NDF: 14.3/6

Left: 2370.365 $\pm$ 319.053 χ^2 /NDF: 23.5/15

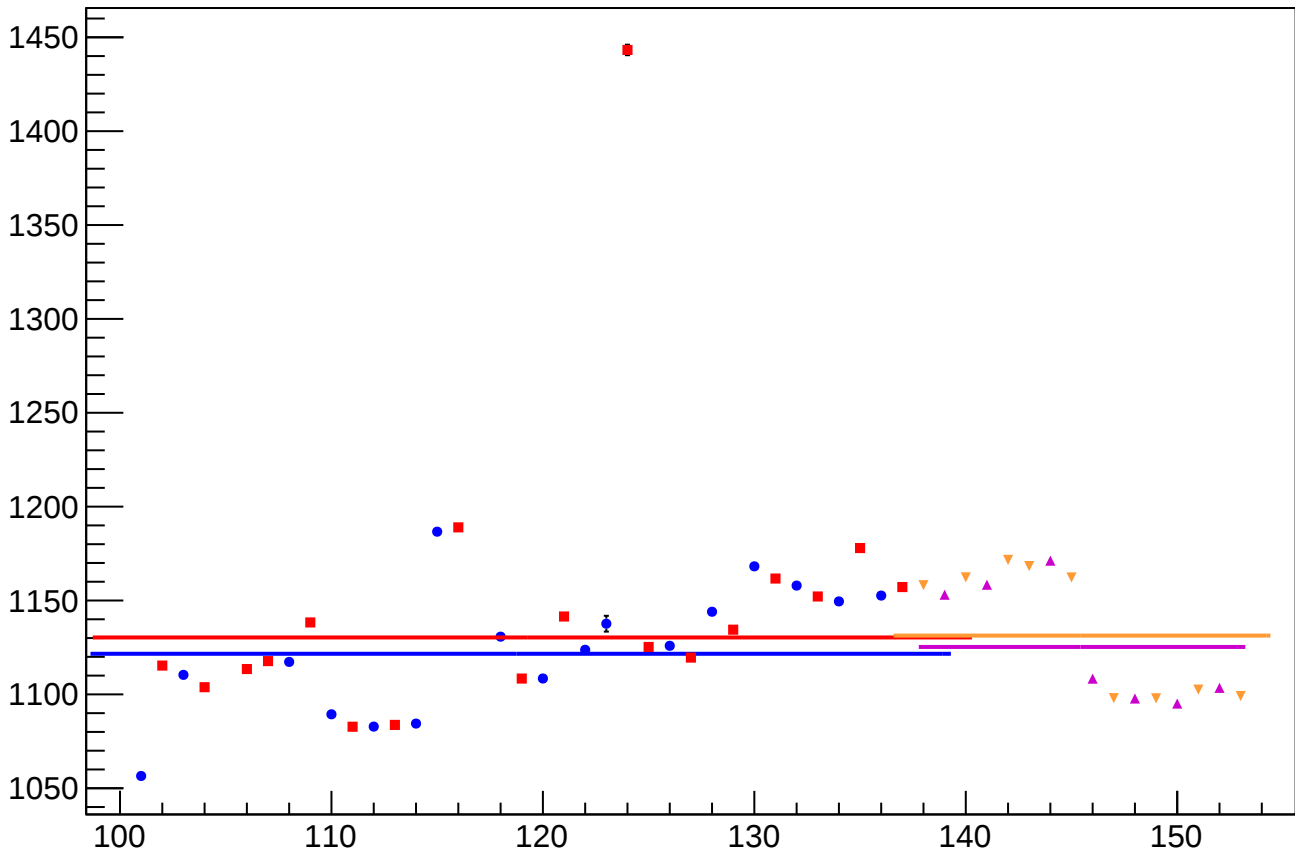
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2728.789 $\pm$ 317.204 χ^2 /NDF: 26.5/23

Out: 2102.099 $\pm$ 304.957 χ^2 /NDF: 21.5/26

All: 2403.112 $\pm$ 219.839 χ^2 /NDF: 50.0/50

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1131.319 $\pm$ 0.309 χ^2/NDF :10989.7/8

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

Left In: 1125.262 $\pm$ 0.330 χ^2/NDF :8308.8/6

Left: 1128.486 $\pm$ 0.226 χ^2/NDF : 19478.0/15

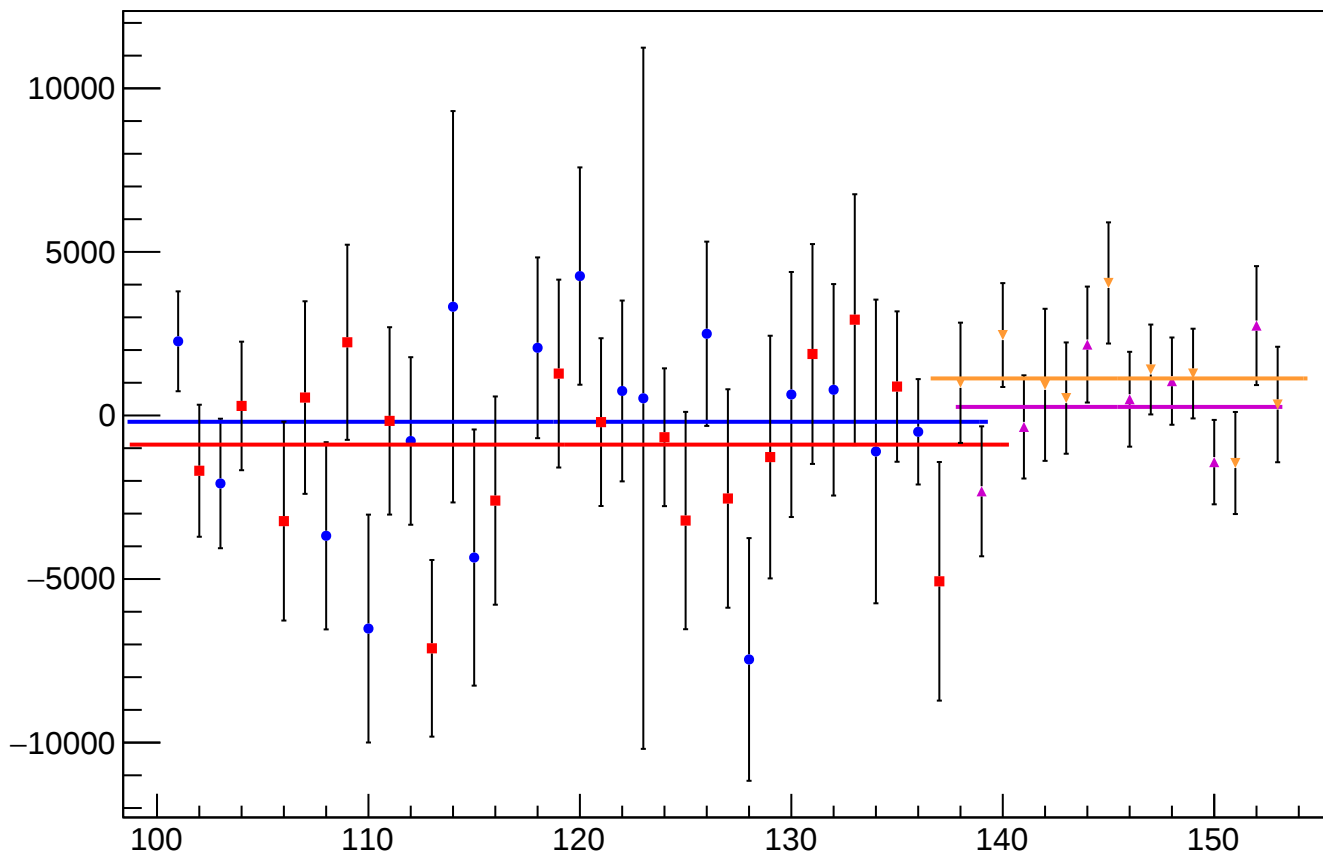
Right: 1126.044 $\pm$ 0.214 χ^2/NDF : 33666.6/34

In: 1123.308 $\pm$ 0.224 χ^2/NDF :20354.4/23

Out: 1130.804 $\pm$ 0.216 χ^2/NDF :32271.3/26

All: 1127.203 $\pm$ 0.155 χ^2/NDF : 53206.1/50

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1132.095+/-549.786 χ^2/NDF : 6.3/8

Right Out: -891.057+/-649.405 χ^2/NDF : 13.1/17

Left In: 261.565+/-585.719 χ^2/NDF : 6.9/6

Left: 724.350+/-400.859 χ^2/NDF : 14.4/15

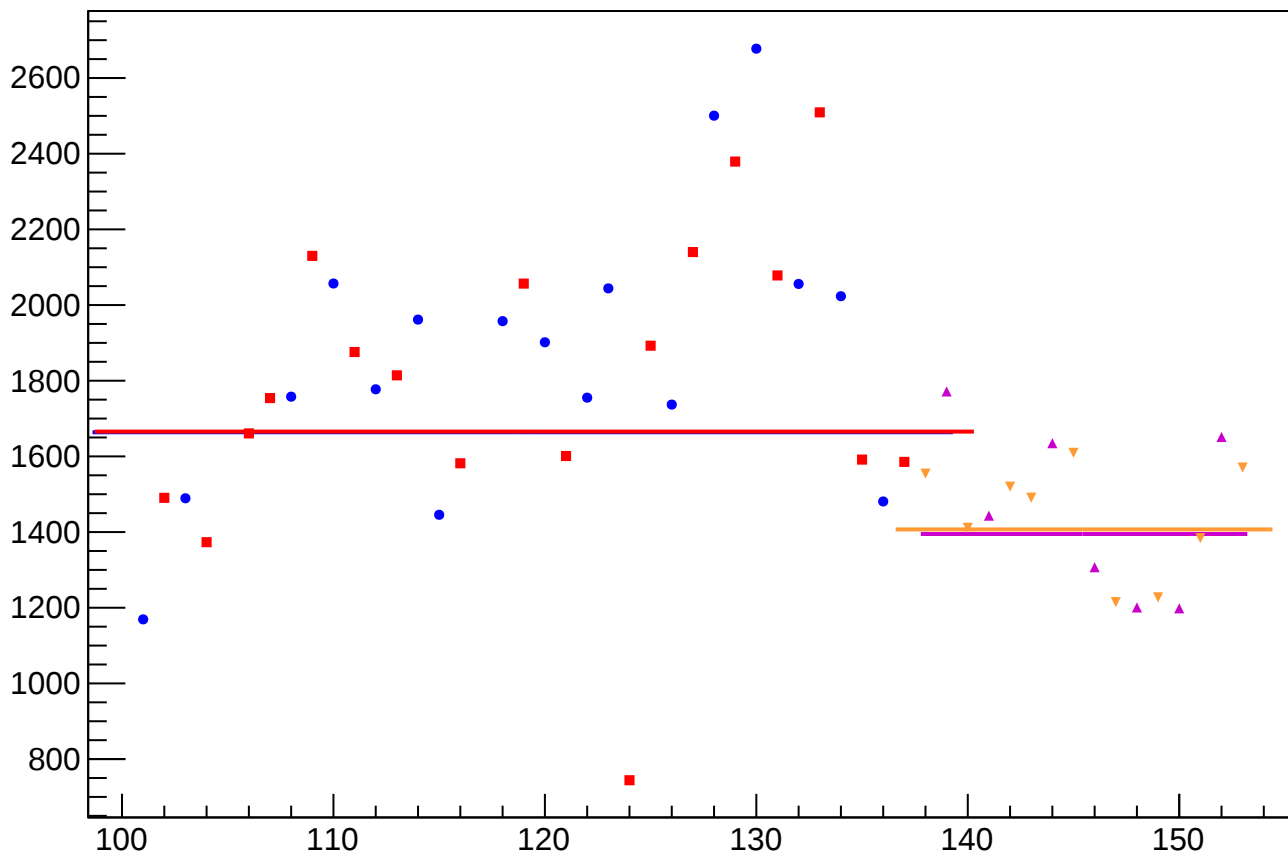
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 61.267+/-438.189 χ^2/NDF : 24.6/23

Out: 287.434+/-419.607 χ^2/NDF : 25.1/26

All: 179.248+/-303.063 χ^2/NDF : 49.8/50

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1406.988 $\pm$ 0.389 χ^2 /NDF:137423.5/8

Right Out: 1665.466 $\pm$ 0.459 χ^2 /NDF: 802791.6/17

Left In: 1394.884 $\pm$ 0.414 χ^2 /NDF:246390.5/6

Left: 1401.319 $\pm$ 0.283 χ^2 /NDF: 384268.1/15

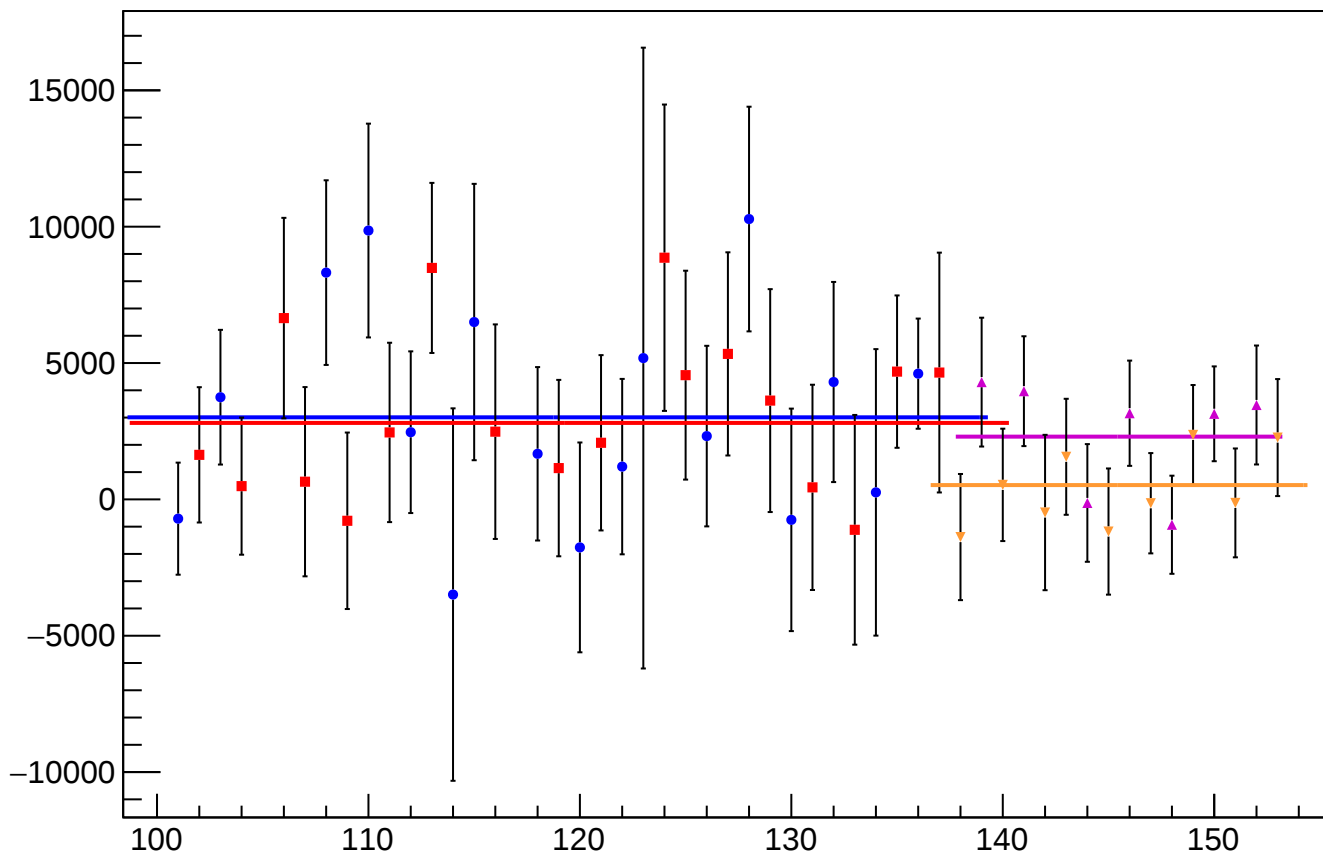
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1513.282 $\pm$ 0.310 χ^2 /NDF:1054469.2/23

Out: 1514.902 $\pm$ 0.297 χ^2 /NDF:1124777.8/26

All: 1514.127 $\pm$ 0.214 χ^2 /NDF: 2179261.3/50

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 524.365 $\pm$ 704.256 χ^2 /NDF: 3.5/8

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

Left In: 2300.897 $\pm$ 753.997 χ^2 /NDF: 6.6/6

Left: 1352.104 $\pm$ 514.671 χ^2 /NDF: 13.1/15

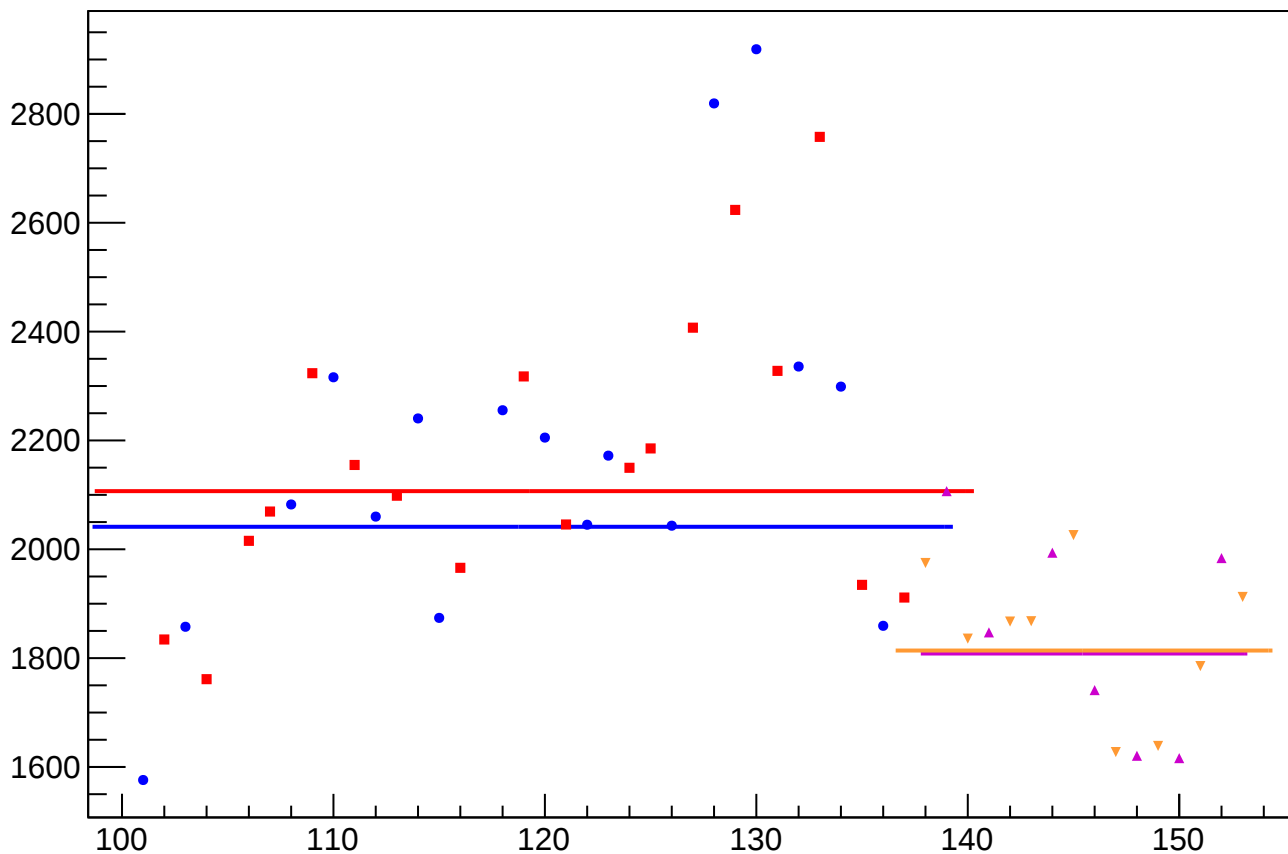
Right: 2906.573 $\pm$ 565.416 χ^2 /NDF: 28.6/34

In: 2634.250 $\pm$ 548.585 χ^2 /NDF: 24.4/23

Out: 1520.235 $\pm$ 528.492 χ^2 /NDF: 19.3/26

All: 2056.468 $\pm$ 380.606 χ^2 /NDF: 45.8/50

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1813.957 $\pm$ 0.498 χ^2/NDF : 72263.1/8

Right Out: 2106.845 $\pm$ 0.565 χ^2/NDF : 196720.6/17

Left In: 1808.490 $\pm$ 0.533 χ^2/NDF : 109001.2/6

Left: 1811.410 $\pm$ 0.364 χ^2/NDF : 181320.5/15

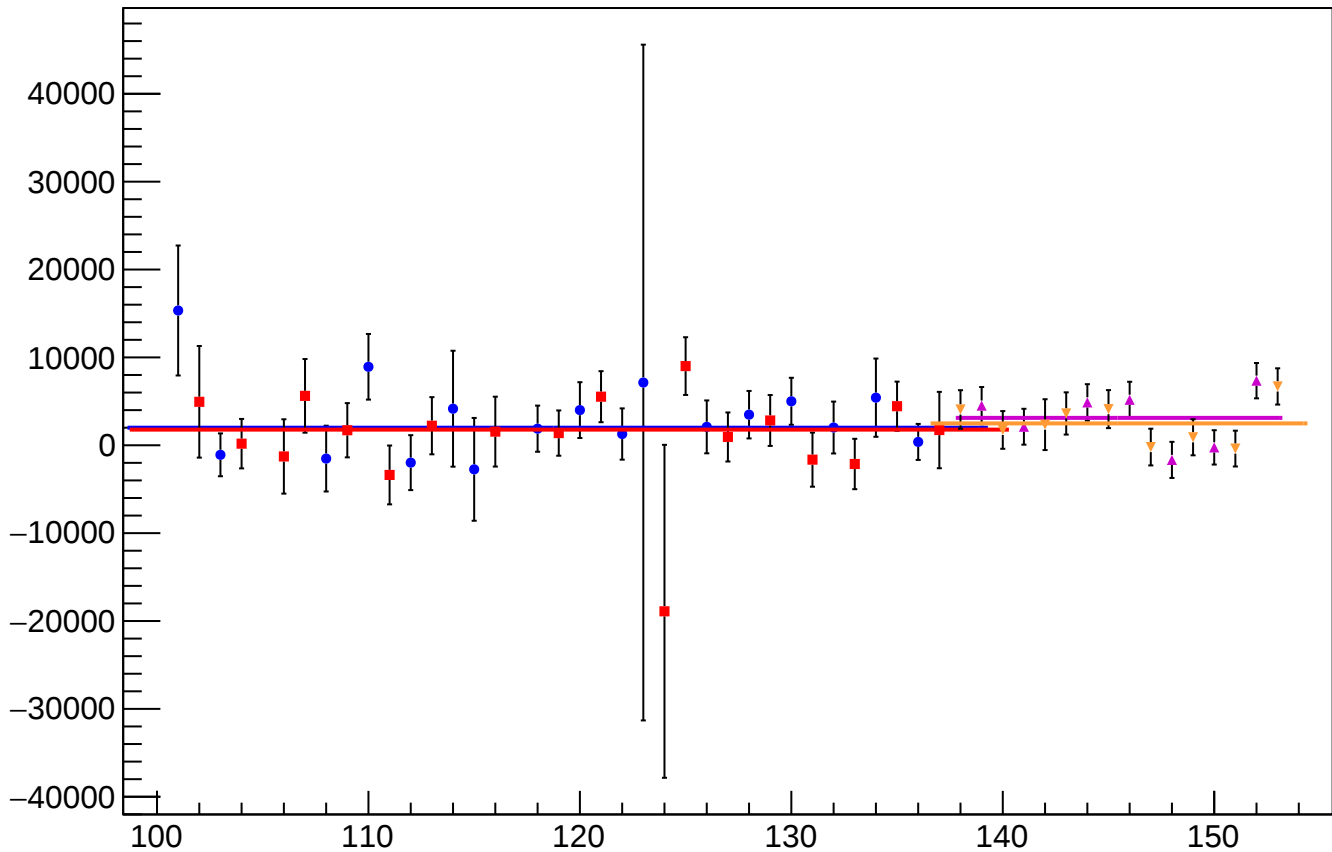
Right: 2074.099 $\pm$ 0.400 χ^2/NDF : 541866.5/34

In: 1918.083 $\pm$ 0.388 χ^2/NDF : 537215.2/23

Out: 1941.908 $\pm$ 0.374 χ^2/NDF : 420101.5/26

All: 1930.440 $\pm$ 0.269 χ^2/NDF : 959273.1/50

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2489.230+/-730.615 χ^2/NDF : 9.8/8

Right Out: 1781.823+/-781.836 χ^2/NDF : 16.3/17

Left In: 3119.486+/-771.797 χ^2/NDF : 15.2/6

Left: 2787.096+/-530.584 χ^2/NDF : 25.4/15

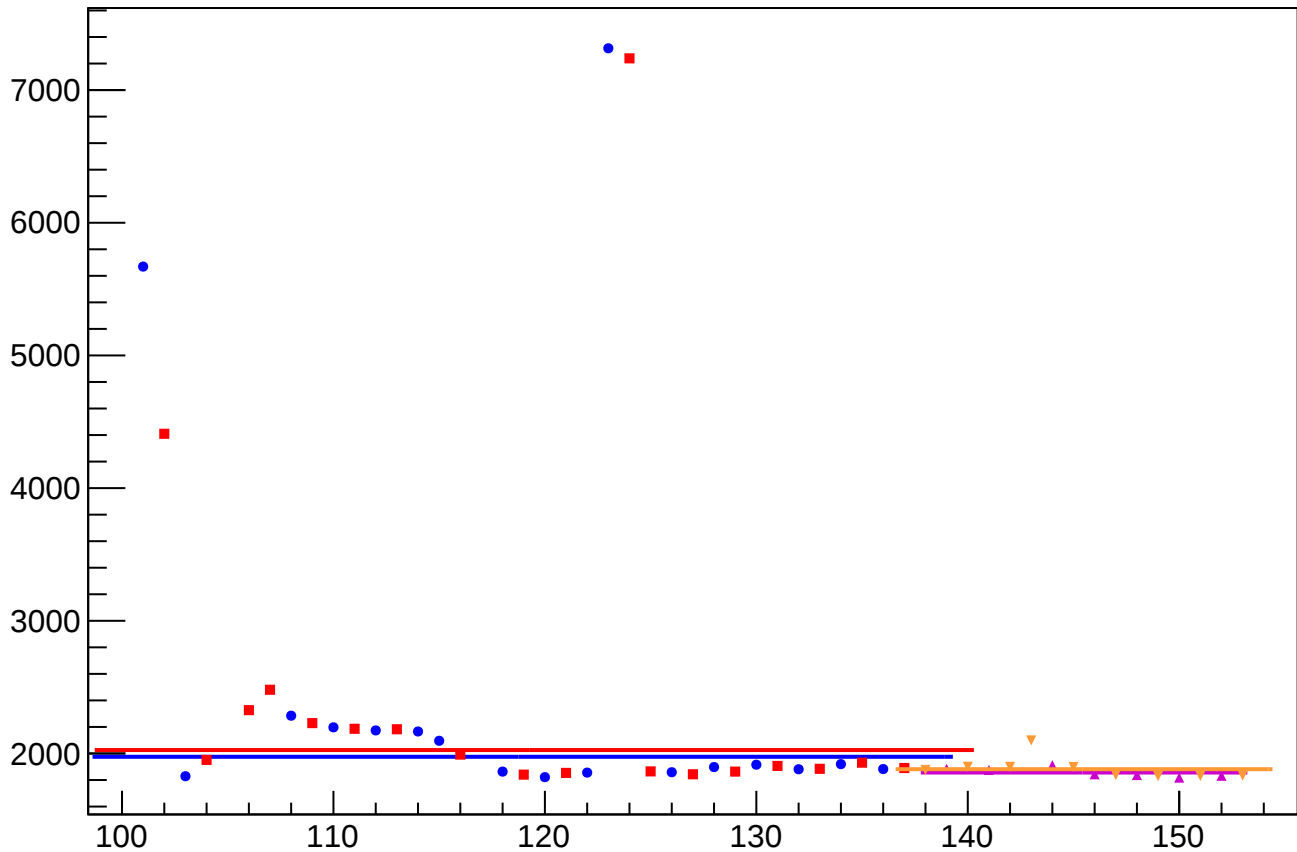
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2566.766+/-549.180 χ^2/NDF : 31.1/23

Out: 2159.456+/-533.813 χ^2/NDF : 26.5/26

All: 2357.333+/-382.780 χ^2/NDF : 57.9/50

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1881.560+/-0.517 χ^2/NDF : 21165.7/8

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

Left In: 1856.467+/-0.546 χ^2/NDF : 3251.8/6

Left: 1869.701+/-0.375 χ^2/NDF : 25532.4/15

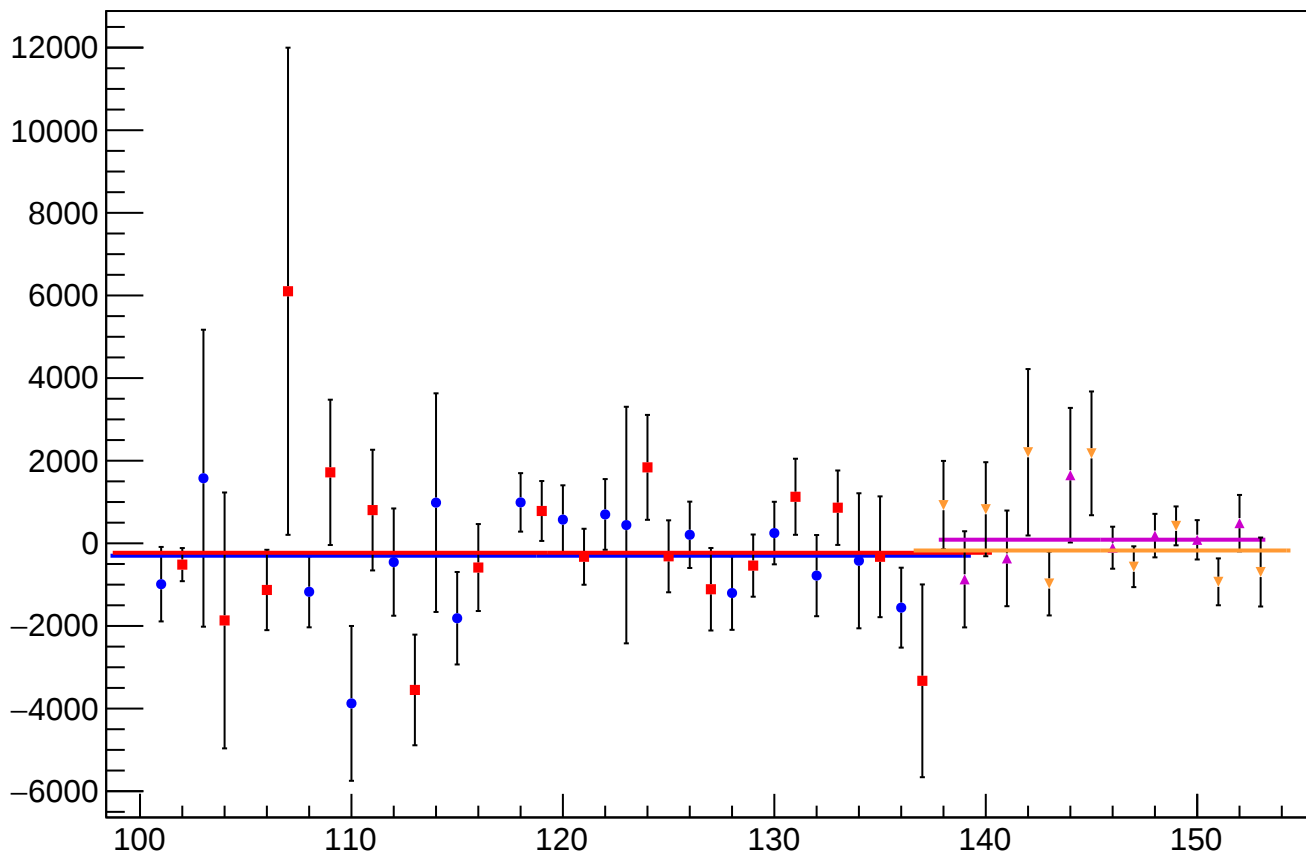
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1915.039+/-0.388 χ^2/NDF : 626415.0/23

Out: 1948.834+/-0.377 χ^2/NDF : 592925.7/26

All: 1932.416+/-0.271 χ^2/NDF : 1223235.0/50

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -173.441+/-241.402 χ^2/NDF : 11.2/8

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

Left In: 87.944+/-250.897 χ^2/NDF : 2.3/6

Left: -47.788+/-173.957 χ^2/NDF : 14.0/15

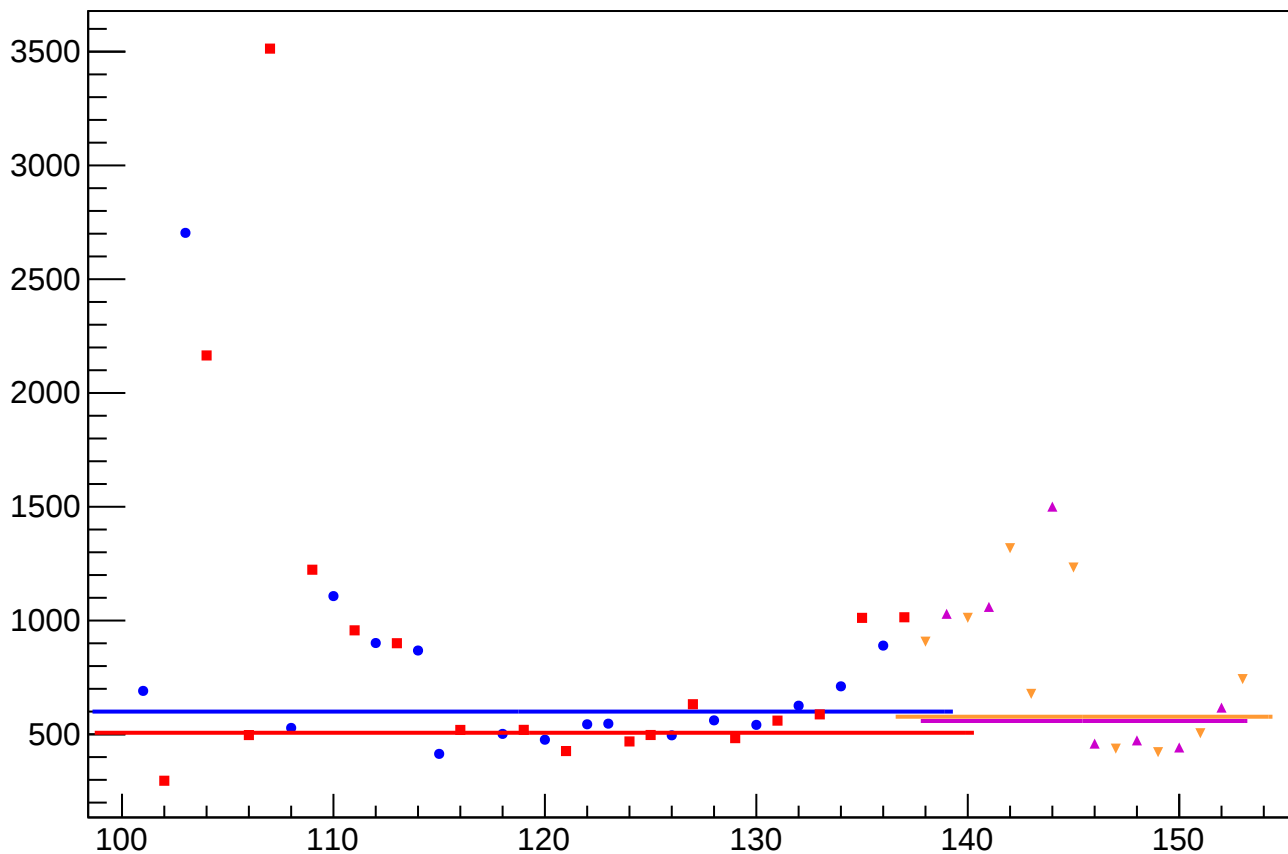
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -109.361+/-175.877 χ^2/NDF : 20.8/23

Out: -204.230+/-160.813 χ^2/NDF : 33.0/26

All: -161.031+/-118.681 χ^2/NDF : 54.0/50

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 577.387+/-0.171 χ^2/NDF : 1659913.5/8

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

Left In: 558.594+/-0.177 χ^2/NDF : 1634363.6/6

Left: 568.353+/-0.123 χ^2/NDF : 3300104.0/15

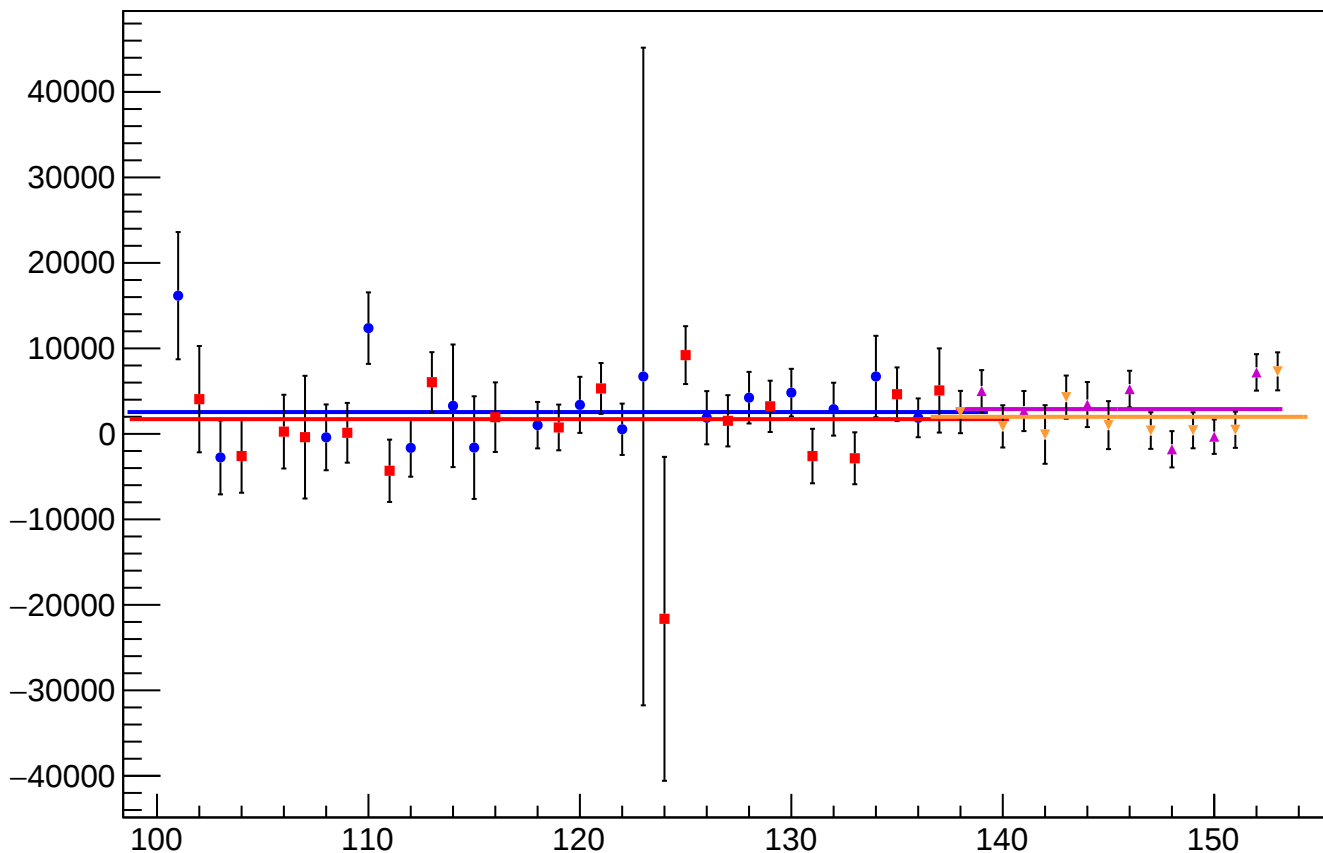
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 579.630+/-0.124 χ^2/NDF : 3043054.7/23

Out: 538.167+/-0.114 χ^2/NDF : 4515689.0/26

All: 557.047+/-0.084 χ^2/NDF : 7619283.8/50

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 1997.017 $\pm$ 799.330 χ^2/NDF : 8.9/8

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

Left In: 2902.091 $\pm$ 845.389 χ^2/NDF : 13.5/6

Left: 2424.228 $\pm$ 580.812 χ^2/NDF : 23.0/15

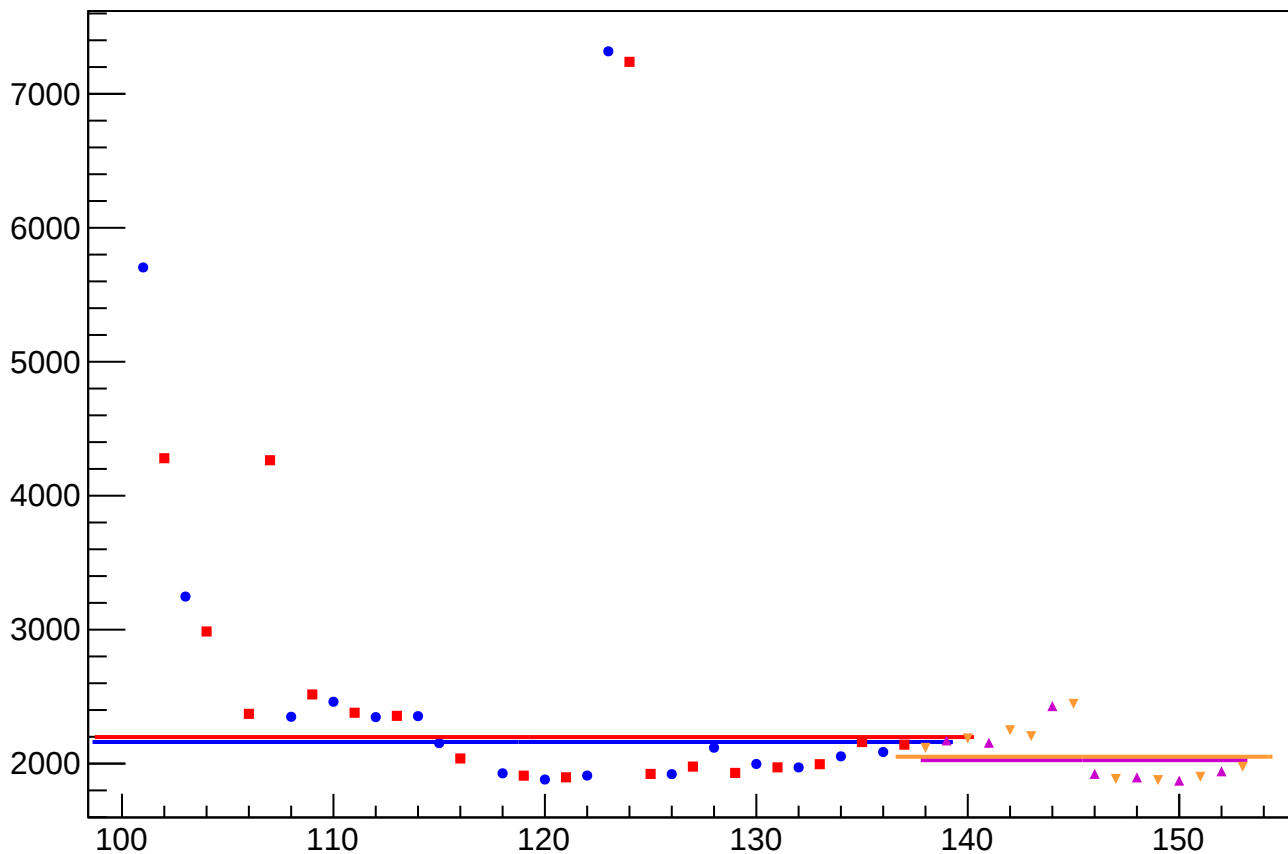
Right: 2138.530 $\pm$ 606.010 χ^2/NDF : 35.7/34

In: 2730.608 $\pm$ 602.502 χ^2/NDF : 29.3/23

Out: 1871.144 $\pm$ 583.953 χ^2/NDF : 28.5/26

All: 2287.442 $\pm$ 419.322 χ^2/NDF : 58.9/50

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2051.268 $\pm$ 0.565 χ^2/NDF : 99310.3/8

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

Left In: 2025.586 $\pm$ 0.598 χ^2/NDF : 86750.8/6

Left: 2039.146 $\pm$ 0.411 χ^2/NDF : 187035.7/15

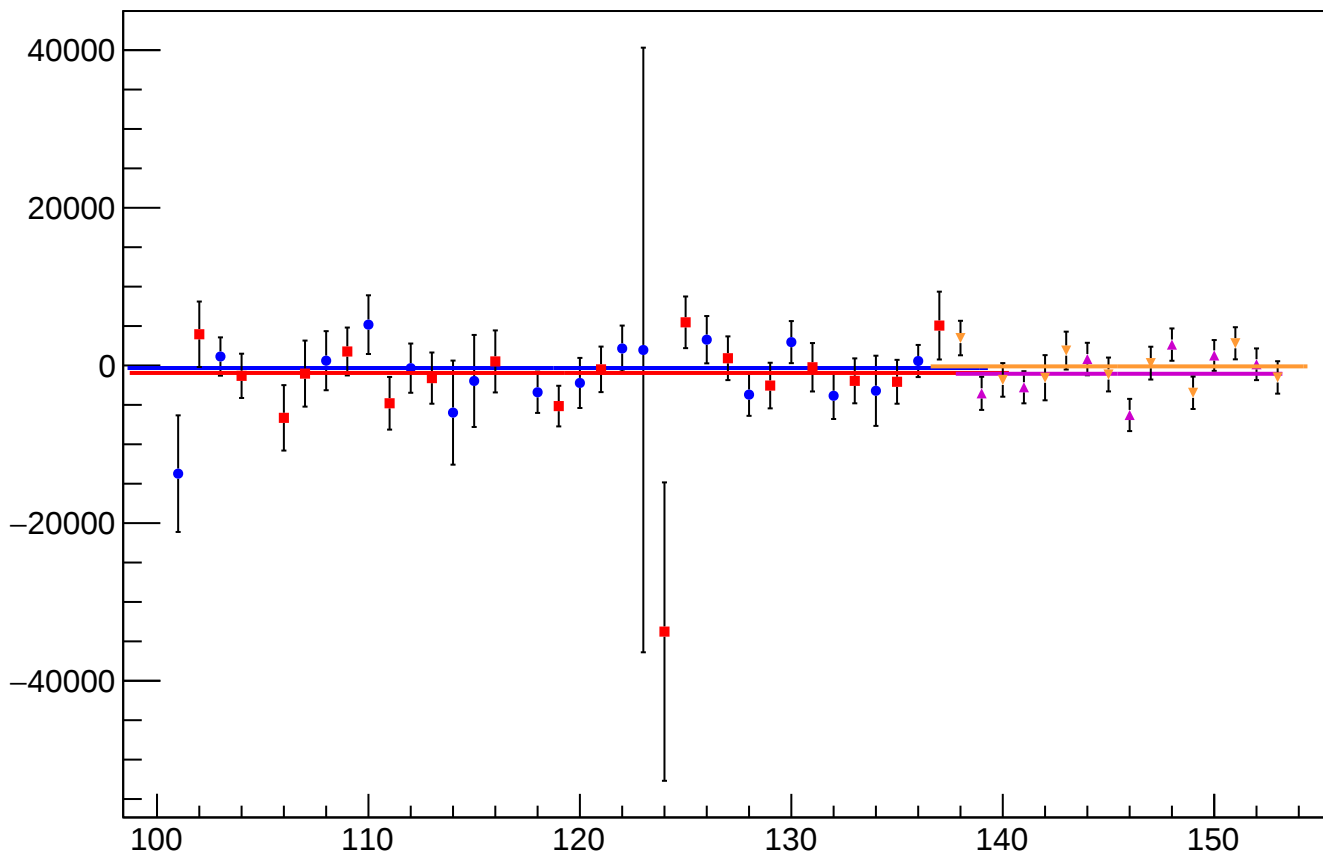
Right: 2179.883 $\pm$ 0.429 χ^2/NDF : 1446967.4/34

In: 2092.425 $\pm$ 0.426 χ^2/NDF : 823410.8/23

Out: 2119.776 $\pm$ 0.413 χ^2/NDF : 864689.7/26

All: 2106.528 $\pm$ 0.297 χ^2/NDF : 1690225.7/50

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -117.893+/-728.232 χ^2/NDF : 9.8/8

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

Left In: -1055.935+/-769.376 χ^2/NDF : 14.5/6

Left: -561.162+/-528.885 χ^2/NDF : 25.0/15

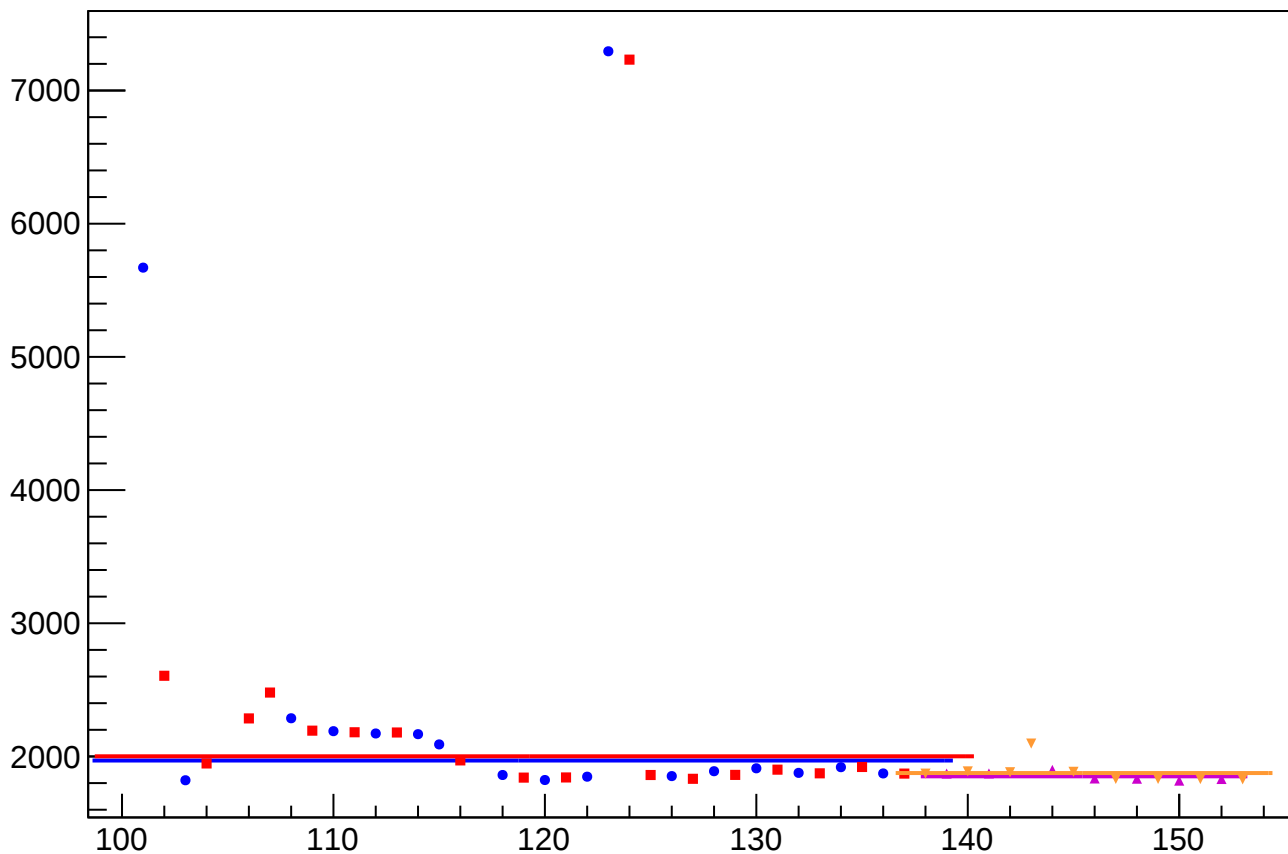
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -694.626+/-547.578 χ^2/NDF : 30.7/23

Out: -511.229+/-529.180 χ^2/NDF : 28.6/26

All: -599.795+/-380.525 χ^2/NDF : 59.3/50

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1875.456 $\pm$ 0.515 χ^2 /NDF: 21004.6/8

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

Left In: 1850.772 $\pm$ 0.544 χ^2 /NDF: 2529.9/6

Left: 1863.792 $\pm$ 0.374 χ^2 /NDF: 24620.3/15

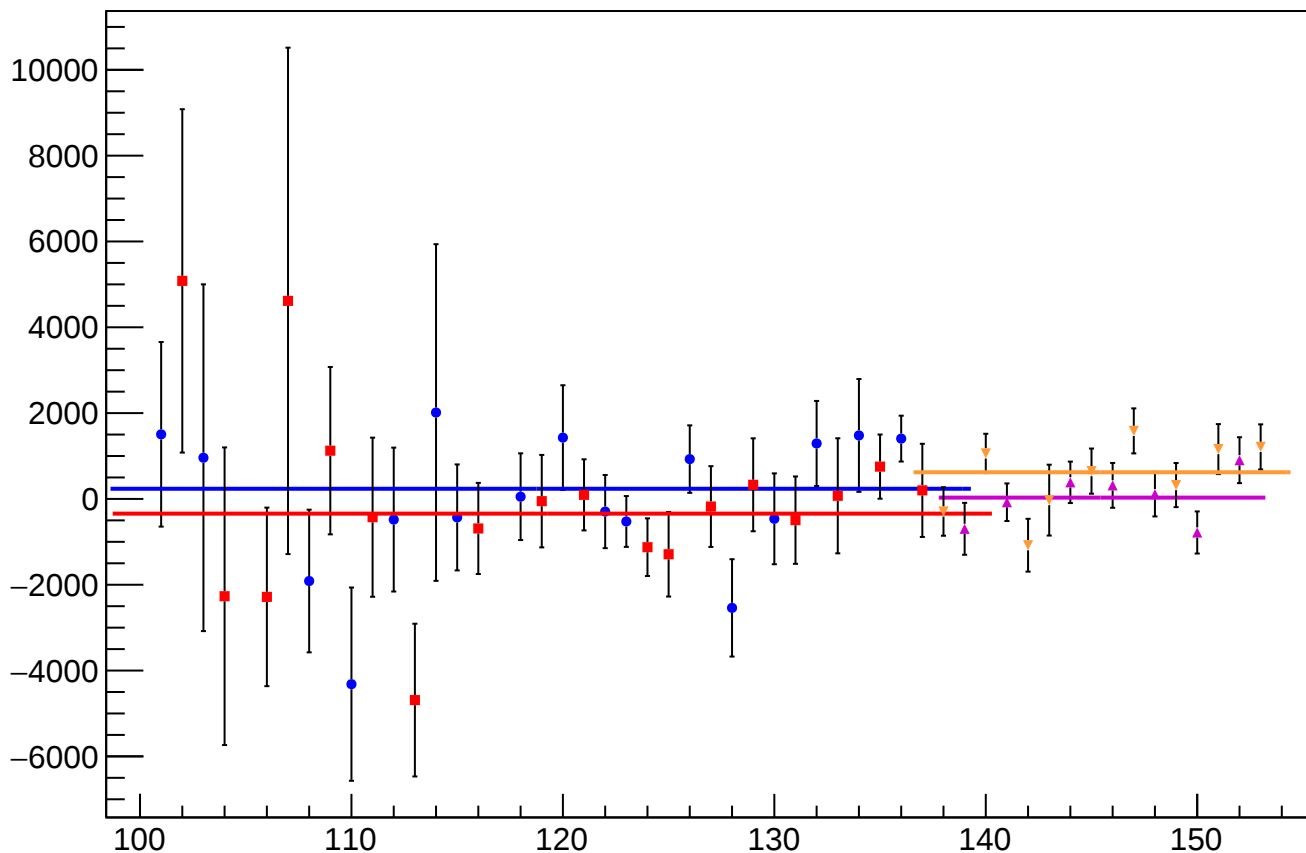
Right: 1985.524 $\pm$ 0.387 χ^2 /NDF: 895106.7/34

In: 1909.357 $\pm$ 0.387 χ^2 /NDF: 628840.2/23

Out: 1934.792 $\pm$ 0.374 χ^2 /NDF: 339761.9/26

All: 1922.509 $\pm$ 0.269 χ^2 /NDF: 970833.4/50

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 621.235 $\pm$ 183.805 χ^2/NDF :17.6/8

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

Left In: 30.497 $\pm$ 191.524 χ^2/NDF :7.8/6

Left: 338.010 $\pm$ 132.615 χ^2/NDF : 30.3/15

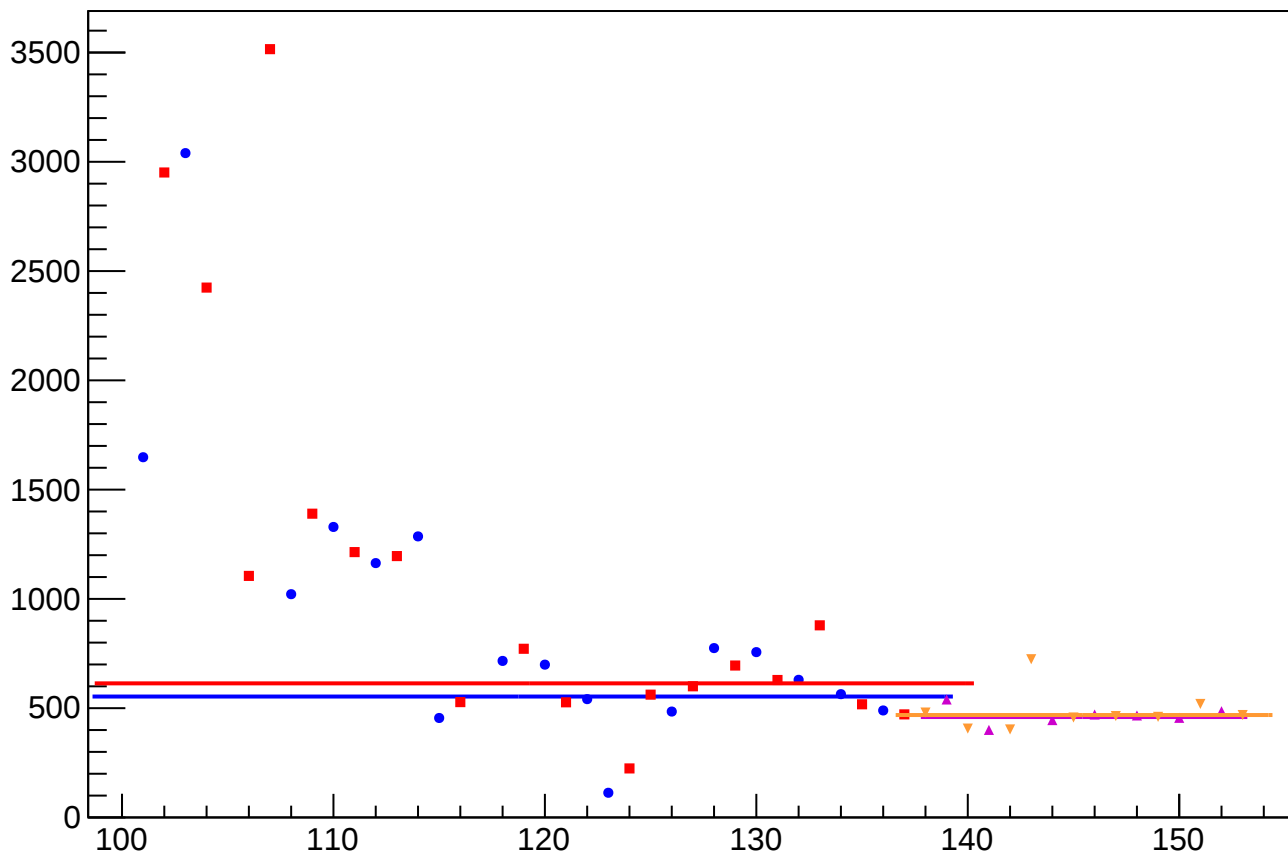
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 107.360 $\pm$ 151.721 χ^2/NDF :32.1/23

Out: 313.746 $\pm$ 151.685 χ^2/NDF :42.3/26

All: 210.577 $\pm$ 107.270 χ^2/NDF : 75.3/50

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 468.670 ± 0.130 χ^2/NDF : 268442.0/8

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

Left In: 459.492 ± 0.135 χ^2/NDF : 79527.8/6

Left: 464.270 ± 0.094 χ^2/NDF : 350360.6/15

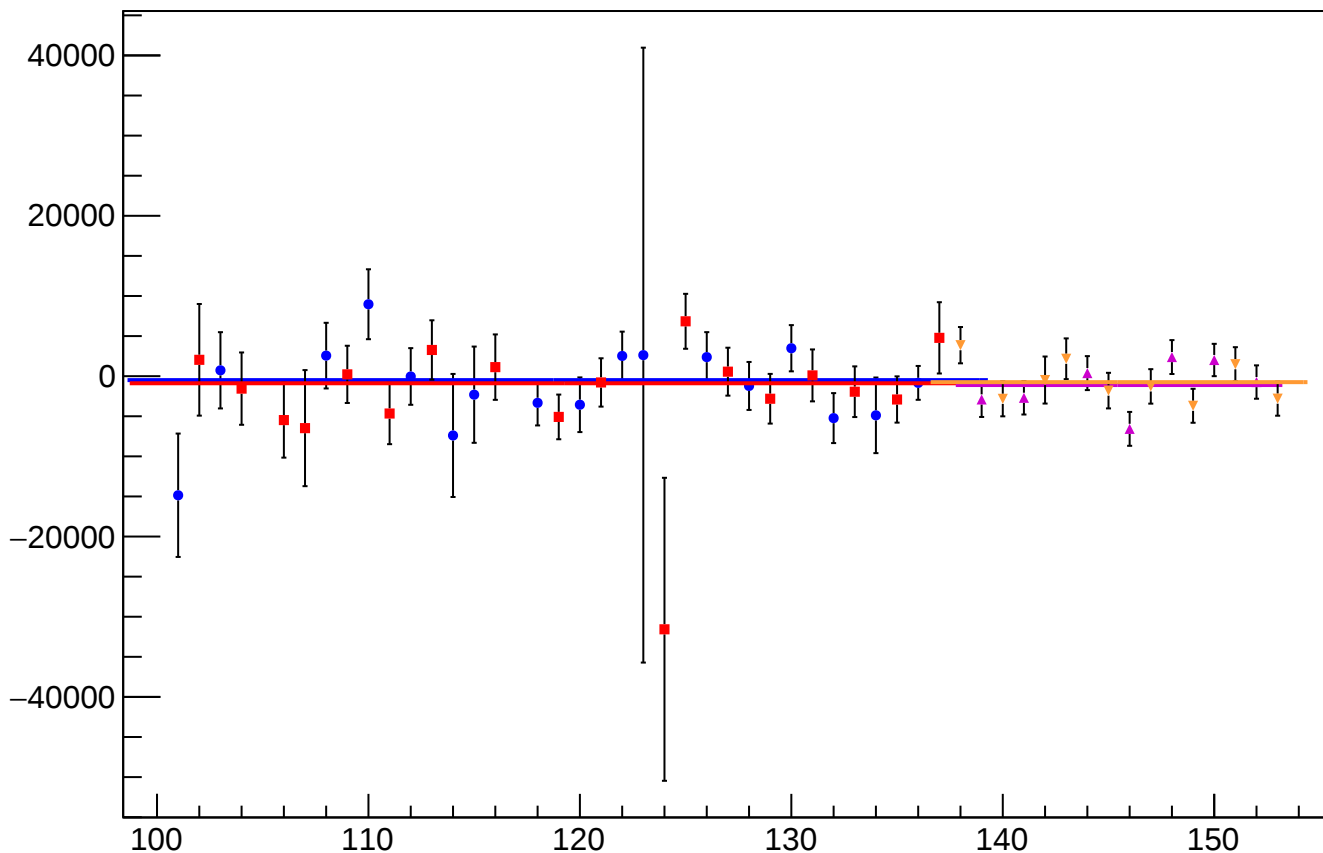
Right: 581.103 ± 0.129 χ^2/NDF : 6943410.9/34

In: 494.424 ± 0.107 χ^2/NDF : 3670904.4/23

Out: 514.890 ± 0.107 χ^2/NDF : 4141308.0/26

All: 504.659 ± 0.076 χ^2/NDF : 7830412.2/50

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -744.971+/-753.447 χ^2/NDF :10.7/8

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

Left In: -1105.089+/-793.768 χ^2/NDF :13.6/6

Left: -915.651+/-546.466 χ^2/NDF : 24.4/15

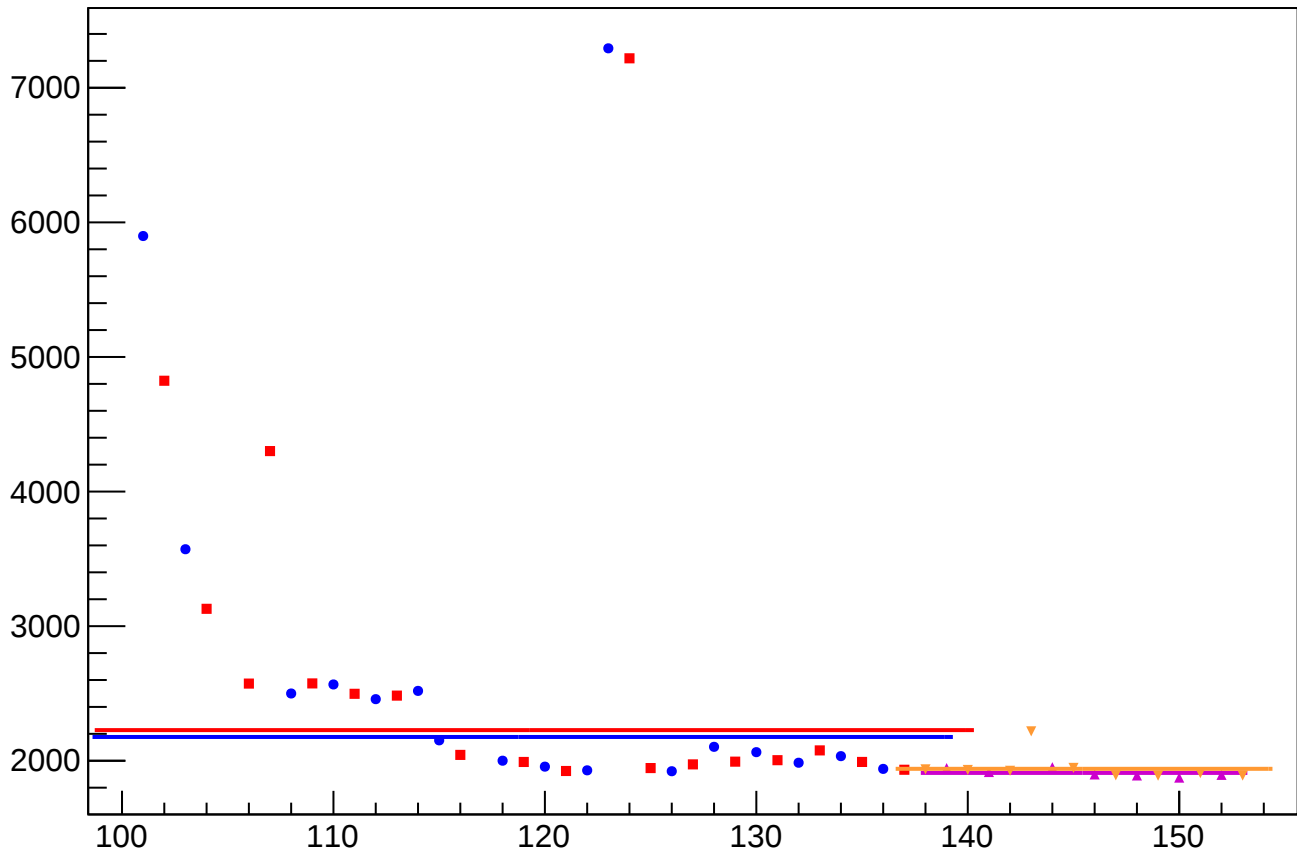
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -825.845+/-585.764 χ^2/NDF :32.4/23

Out: -804.903+/-569.310 χ^2/NDF :27.9/26

All: -815.076+/-408.256 χ^2/NDF : 60.4/50

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1940.159 $\pm$ 0.533 χ^2 /NDF: 27904.0/8

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

Left In: 1909.634 $\pm$ 0.561 χ^2 /NDF: 2282.4/6

Left: 1925.692 $\pm$ 0.386 χ^2 /NDF: 31742.3/15

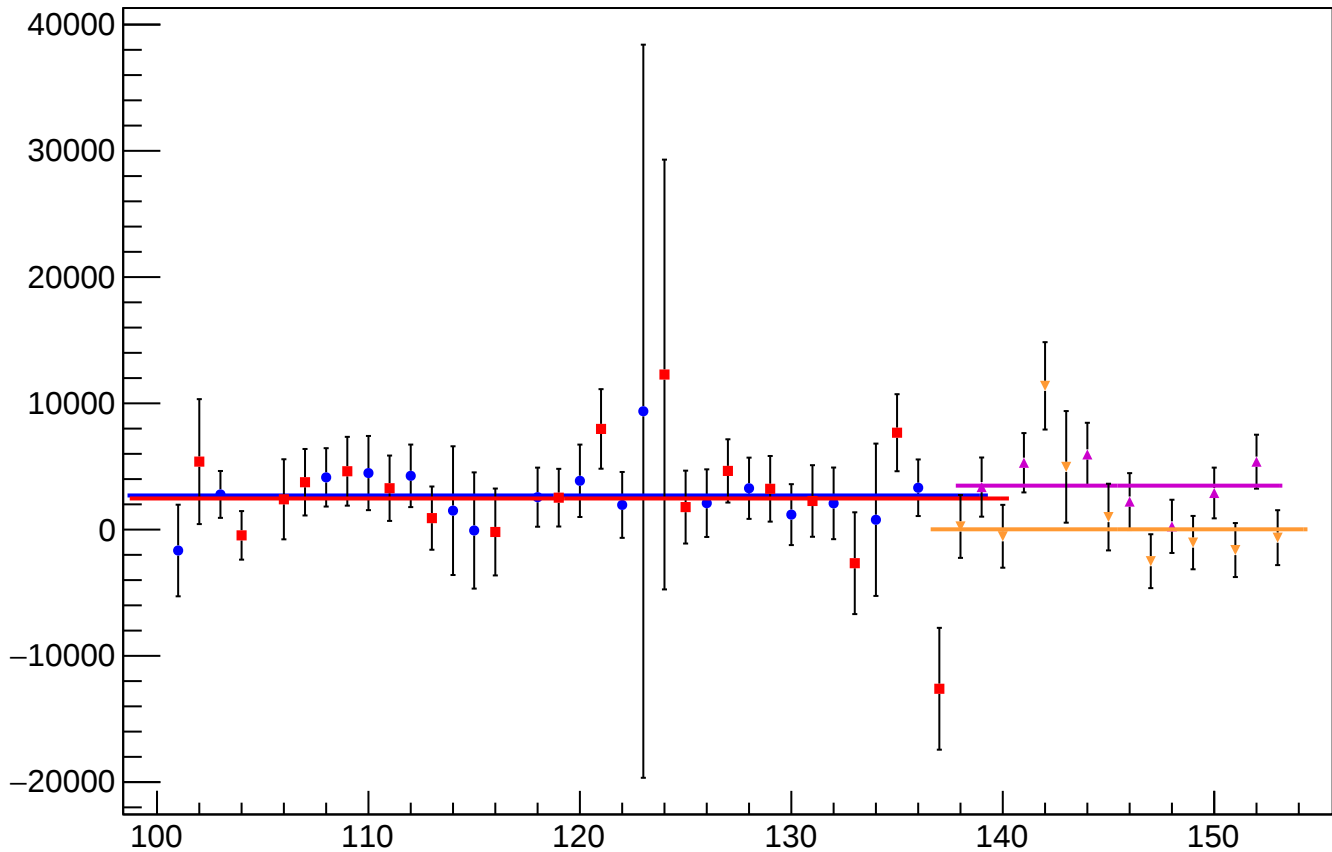
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2031.284 $\pm$ 0.414 χ^2 /NDF: 908104.9/23

Out: 2063.527 $\pm$ 0.403 χ^2 /NDF: 978539.3/26

All: 2047.864 $\pm$ 0.289 χ^2 /NDF: 1889760.4/50

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 22.639 $\pm$ 823.591 χ^2 /NDF:14.6/8

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

Left In: 3481.019 $\pm$ 841.666 χ^2 /NDF:5.1/6

Left: 1714.296 $\pm$ 588.653 χ^2 /NDF: 28.3/15

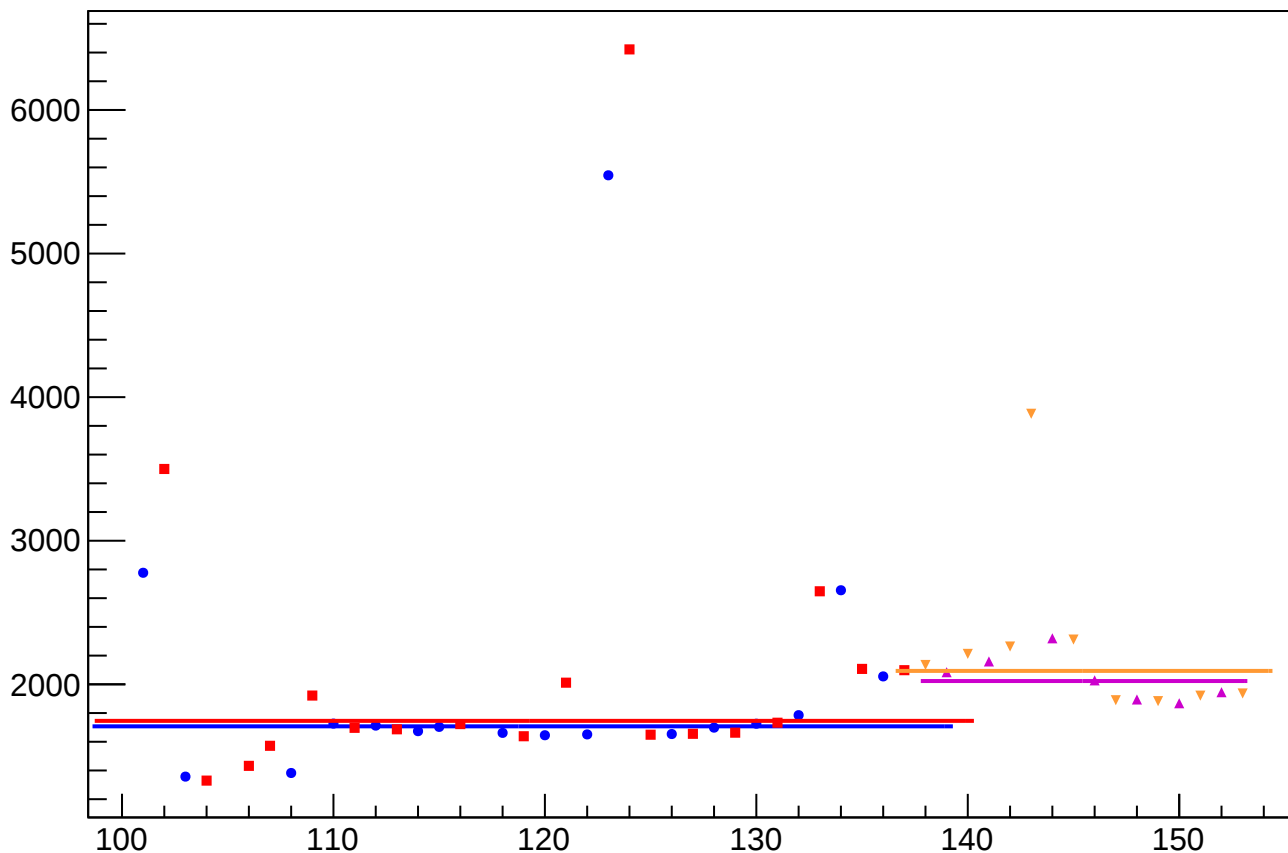
Right: 2585.697 $\pm$ 479.799 χ^2 /NDF: 27.3/34

In: 3007.238 $\pm$ 526.054 χ^2 /NDF:9.7/23

Out: 1469.043 $\pm$ 525.864 χ^2 /NDF:42.9/26

All: 2237.863 $\pm$ 371.909 χ^2 /NDF: 56.9/50

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 ± 0.477 $\chi^2/\text{NDF}: 422166.4/16$

Left Out: 2093.453 ± 0.582 $\chi^2/\text{NDF}: 413422.9/8$

Right Out: 1745.551 ± 0.483 $\chi^2/\text{NDF}: 699240.7/17$

Left In: 2022.924 ± 0.595 $\chi^2/\text{NDF}: 58291.4/6$

Left: 2058.954 ± 0.416 $\chi^2/\text{NDF}: 478888.8/15$

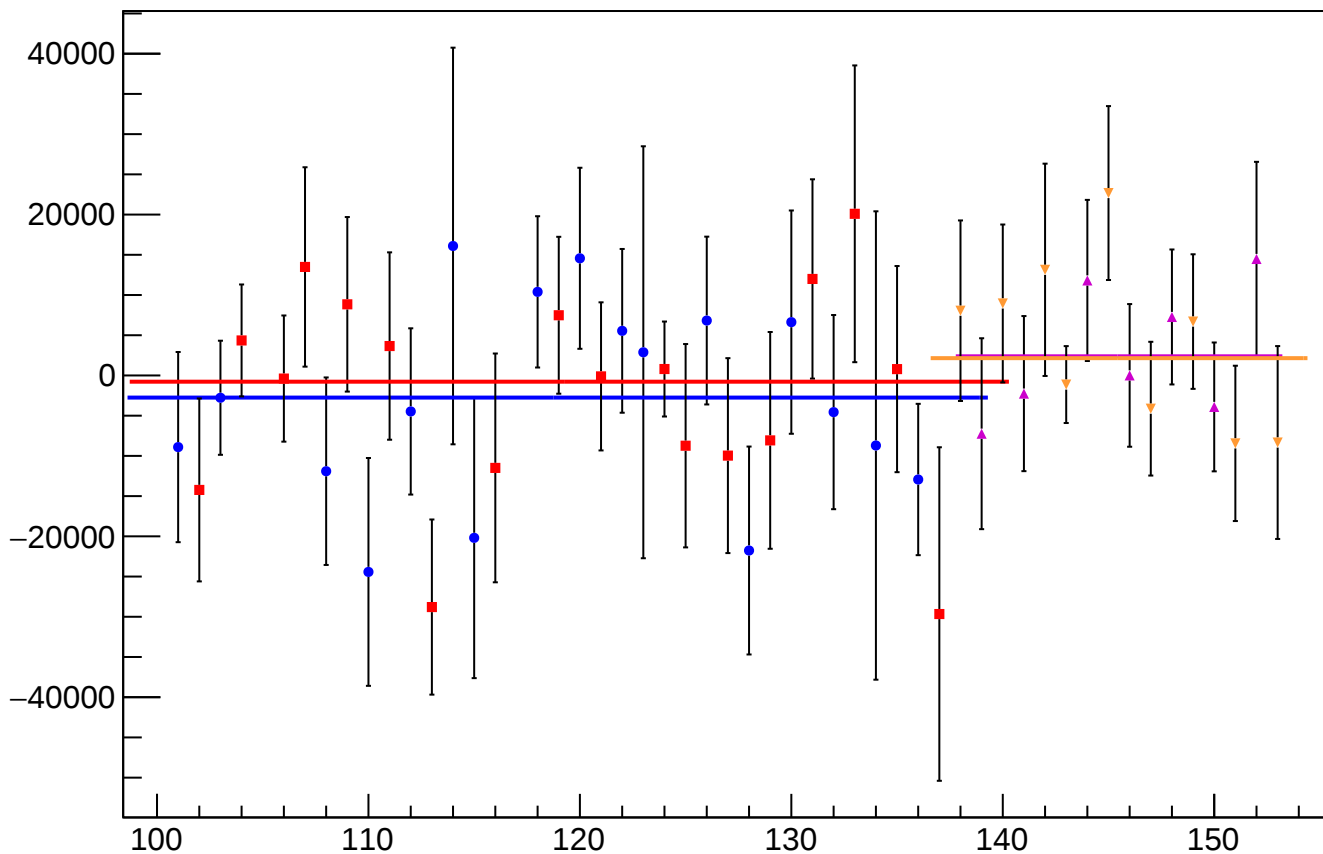
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1830.649 ± 0.372 $\chi^2/\text{NDF}: 651744.7/23$

Out: 1887.339 ± 0.372 $\chi^2/\text{NDF}: 1324097.0/26$

All: 1859.008 ± 0.263 $\chi^2/\text{NDF}: 1987461.0/50$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 2150.175 $\pm$ 2853.287 χ^2 /NDF:8.4/8

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

Left In: 2380.787 $\pm$ 3598.979 χ^2 /NDF:3.8/6

Left: 2239.180 $\pm$ 2235.869 χ^2 /NDF: 12.2/15

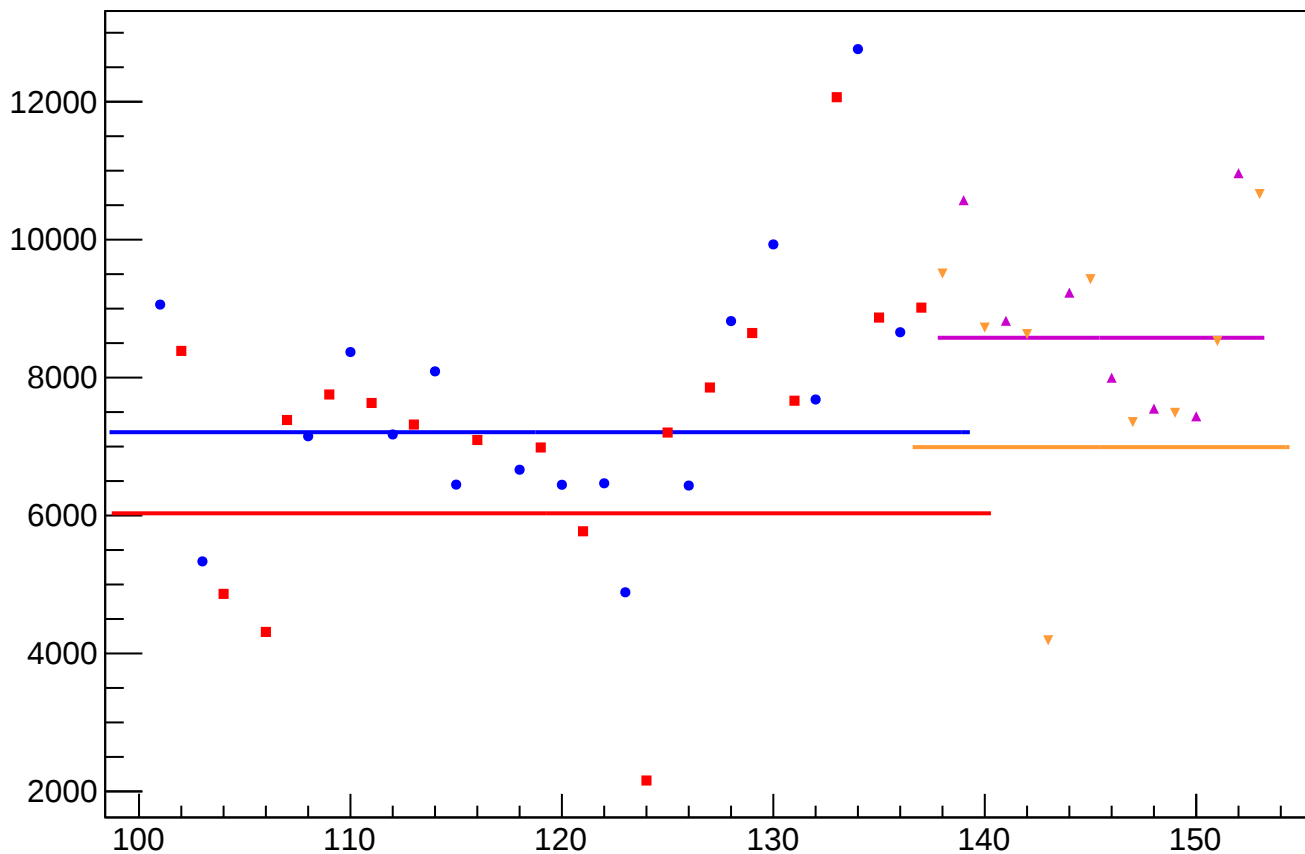
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -779.495 $\pm$ 2230.619 χ^2 /NDF:19.6/23

Out: 461.088 $\pm$ 1854.753 χ^2 /NDF:26.7/26

All: -46.025 $\pm$ 1426.148 χ^2 /NDF: 46.5/50

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 6992.020+/-2.018 χ^2/NDF : 1230954.8/8

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

Left In: 8577.562+/-2.545 χ^2/NDF : 223490.3/6

Left: 7603.964+/-1.581 χ^2/NDF : 1692802.5/15

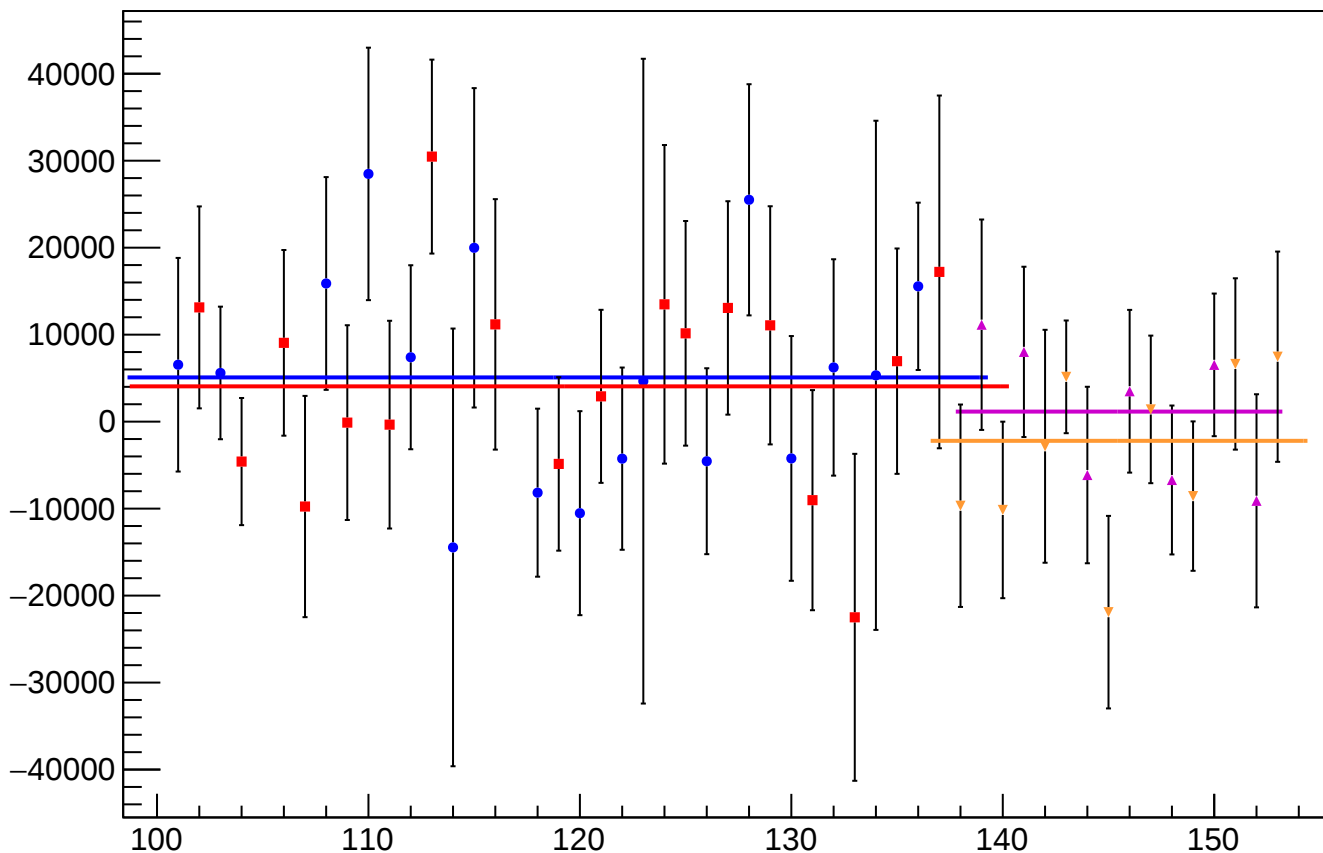
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 7734.319+/-1.577 χ^2/NDF : 895517.3/23

Out: 6437.771+/-1.312 χ^2/NDF : 3159206.3/26

All: 6967.760+/-1.008 χ^2/NDF : 4454221.0/50

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -2206.039 $\pm$ 3173.926 χ^2/NDF : 7.7/8

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

Left In: 1155.034 $\pm$ 3686.151 χ^2/NDF : 3.7/6

Left: -775.074 $\pm$ 2405.186 χ^2/NDF : 11.9/15

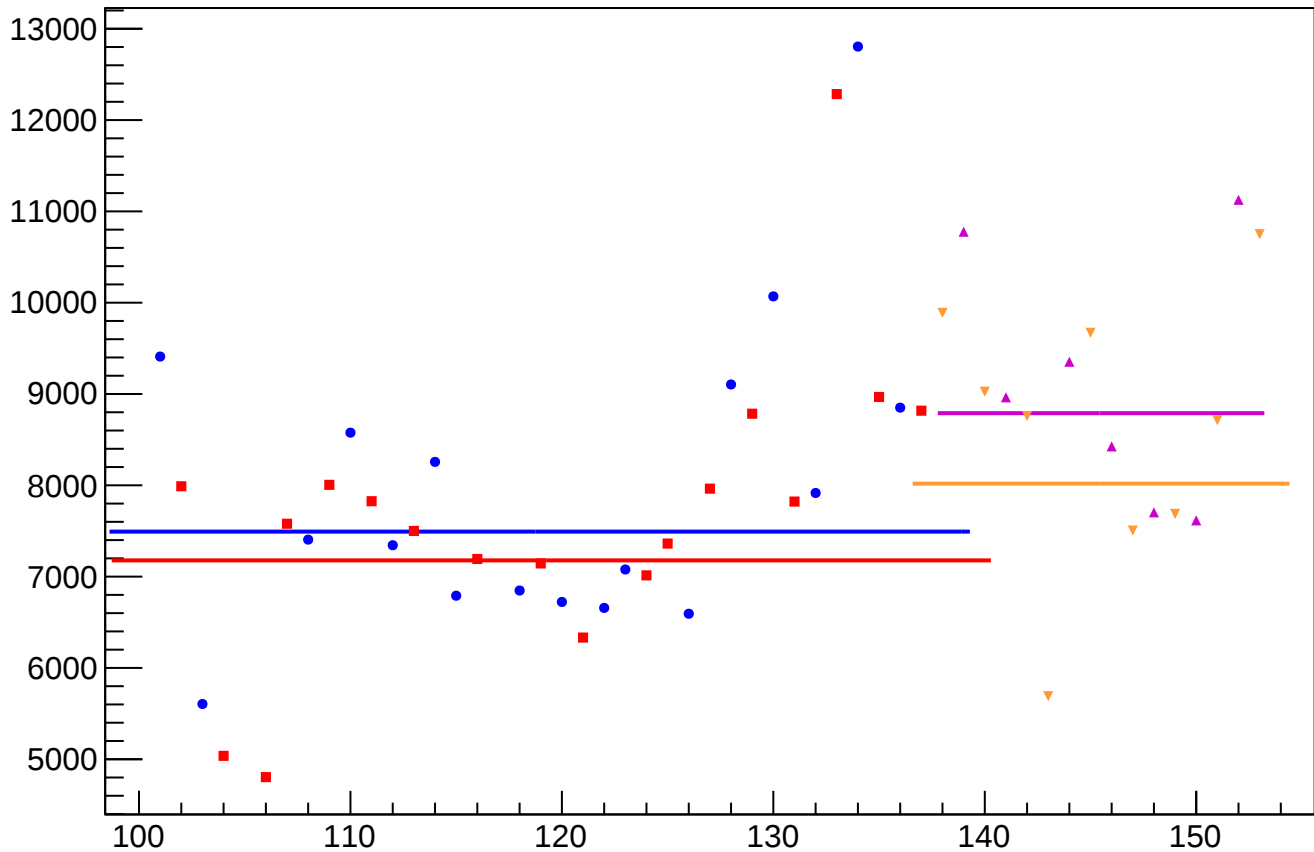
Right: 4542.385 $\pm$ 2032.595 χ^2/NDF : 29.2/34

In: 3547.120 $\pm$ 2305.728 χ^2/NDF : 18.4/23

Out: 1315.097 $\pm$ 2099.750 χ^2/NDF : 25.0/26

All: 2326.978 $\pm$ 1552.471 χ^2/NDF : 43.9/50

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8018.071+/-2.244 χ^2/NDF : 502632.4/8

Right Out: 7177.811+/-1.980 χ^2/NDF : 555902.2/17

Left In: 8790.120+/-2.607 χ^2/NDF : 209763.6/6

Left: 8346.768+/-1.701 χ^2/NDF : 762778.1/15

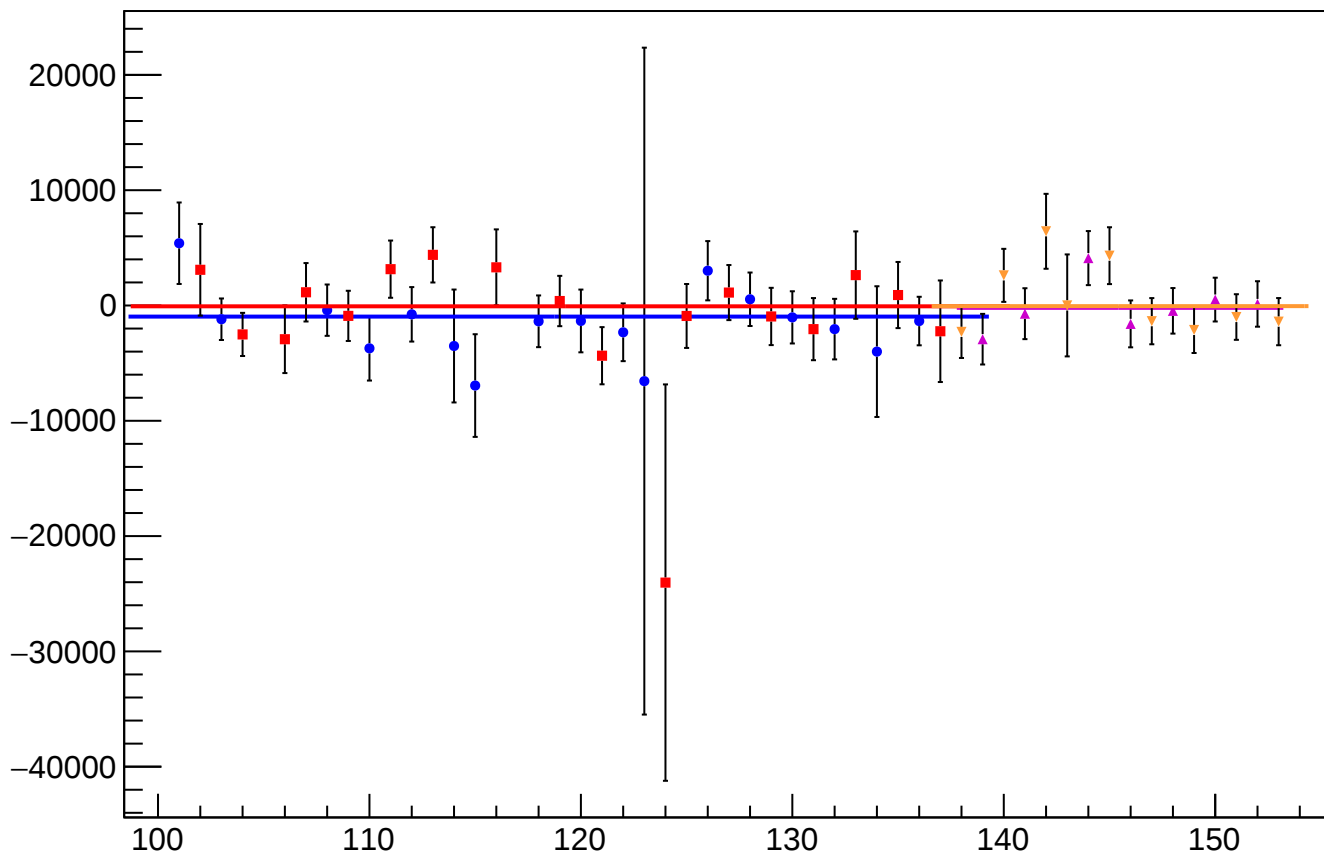
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8000.450+/-1.630 χ^2/NDF : 797625.5/23

Out: 7545.510+/-1.485 χ^2/NDF : 1137367.7/26

All: 7751.743+/-1.098 χ^2/NDF : 1977560.1/50

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.637+/-769.382 χ^2/NDF :11.6/8

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

Left In: -204.157+/-784.008 χ^2/NDF :5.6/6

Left: -128.499+/-549.134 χ^2/NDF : 17.3/15

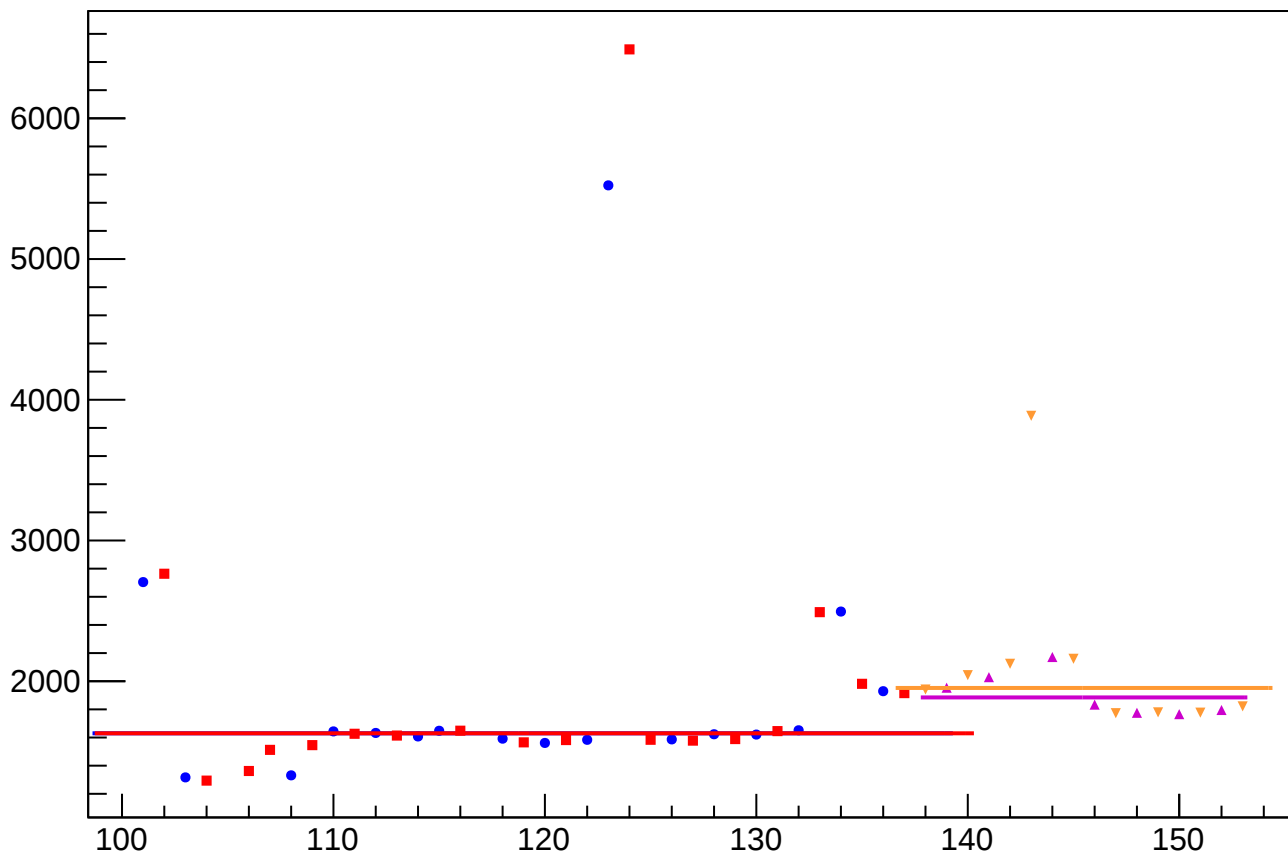
Right: -510.933+/-451.616 χ^2/NDF : 27.8/34

In: -657.549+/-497.187 χ^2/NDF :16.3/23

Out: -64.974+/-489.477 χ^2/NDF :28.3/26

All: -356.631+/-348.807 χ^2/NDF : 45.3/50

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1952.211 ± 0.544 $\chi^2/\text{NDF}: 460370.4/8$

Right Out: 1629.941 ± 0.449 $\chi^2/\text{NDF}: 557457.4/17$

Left In: 1884.878 ± 0.554 $\chi^2/\text{NDF}: 59782.7/6$

Left: 1919.178 ± 0.388 $\chi^2/\text{NDF}: 527667.7/15$

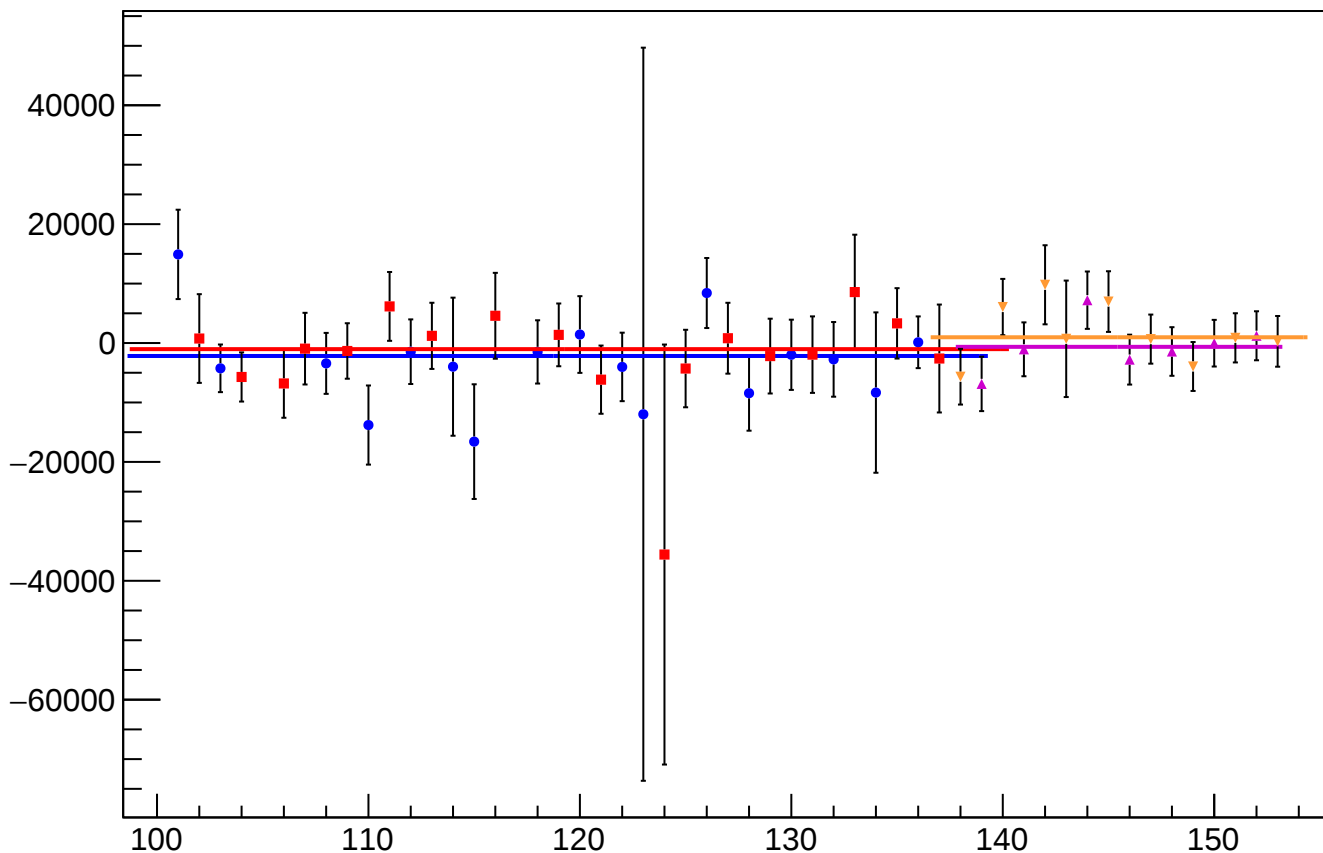
Right: 1629.948 ± 0.319 $\chi^2/\text{NDF}: 965609.1/34$

In: 1732.474 ± 0.352 $\chi^2/\text{NDF}: 594348.8/23$

Out: 1760.378 ± 0.346 $\chi^2/\text{NDF}: 1226703.3/26$

All: 1746.644 ± 0.247 $\chi^2/\text{NDF}: 1824251.1/50$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 968.722+/-1595.757 χ^2/NDF : 7.8/8

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

Left In: -641.003+/-1622.896 χ^2/NDF : 5.0/6

Left: 177.431+/-1137.844 χ^2/NDF : 13.3/15

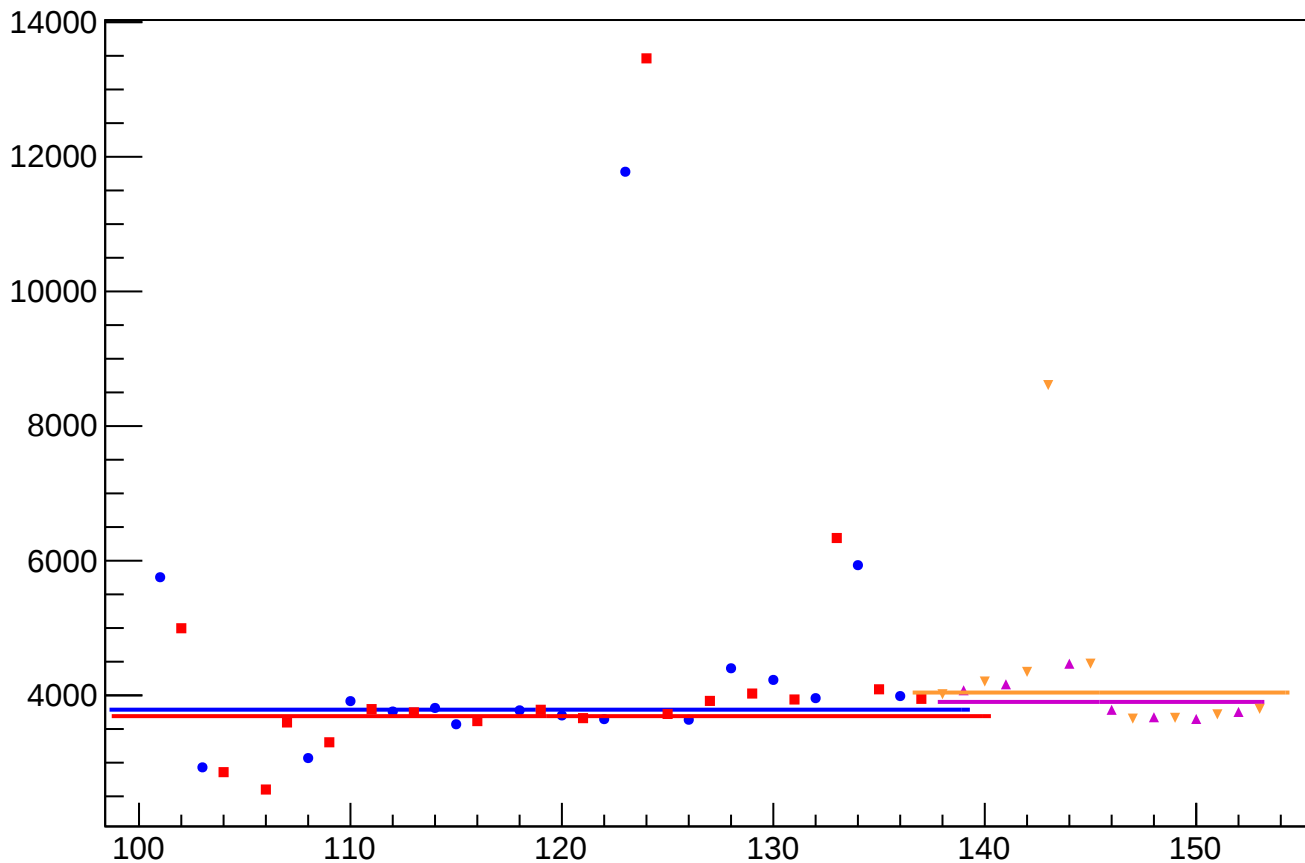
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1474.126+/-1098.777 χ^2/NDF : 21.5/23

Out: -129.664+/-1070.023 χ^2/NDF : 17.2/26

All: -784.073+/-766.585 χ^2/NDF : 39.5/50

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 4041.714+/-1.128 χ^2/NDF : 508491.8/8

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

Left In: 3902.419+/-1.148 χ^2/NDF : 55865.5/6

Left: 3973.241+/-0.805 χ^2/NDF : 571848.6/15

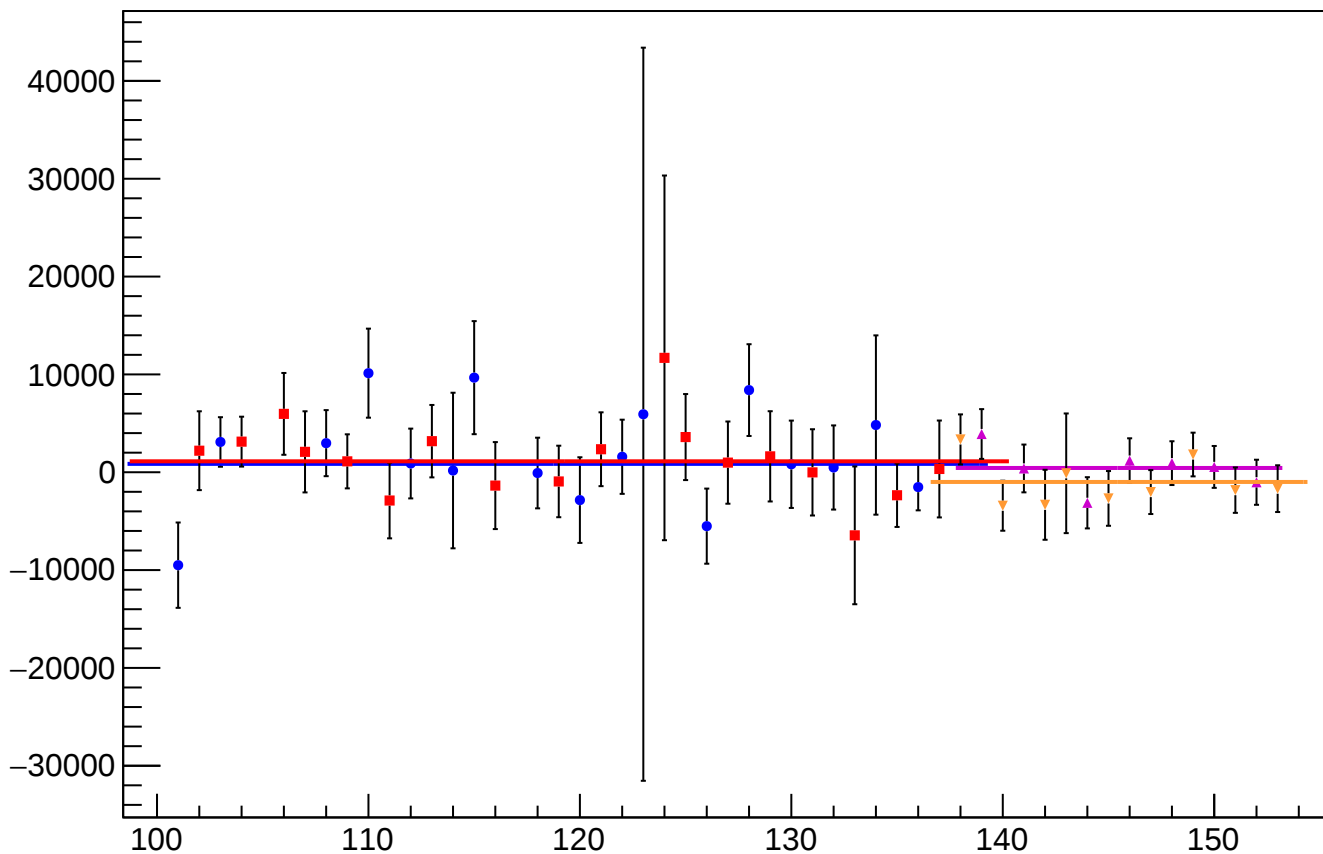
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3840.070+/-0.777 χ^2/NDF : 453966.6/23

Out: 3848.822+/-0.757 χ^2/NDF : 1116744.7/26

All: 3844.562+/-0.542 χ^2/NDF : 1570776.4/50

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -992.798 $\pm$ 877.703 χ^2 /NDF: 6.6/8

Right Out: 1117.553 $\pm$ 927.195 χ^2 /NDF: 7.3/17

Left In: 436.622 $\pm$ 888.564 χ^2 /NDF: 4.3/6

Left: -286.878 $\pm$ 624.434 χ^2 /NDF: 12.2/15

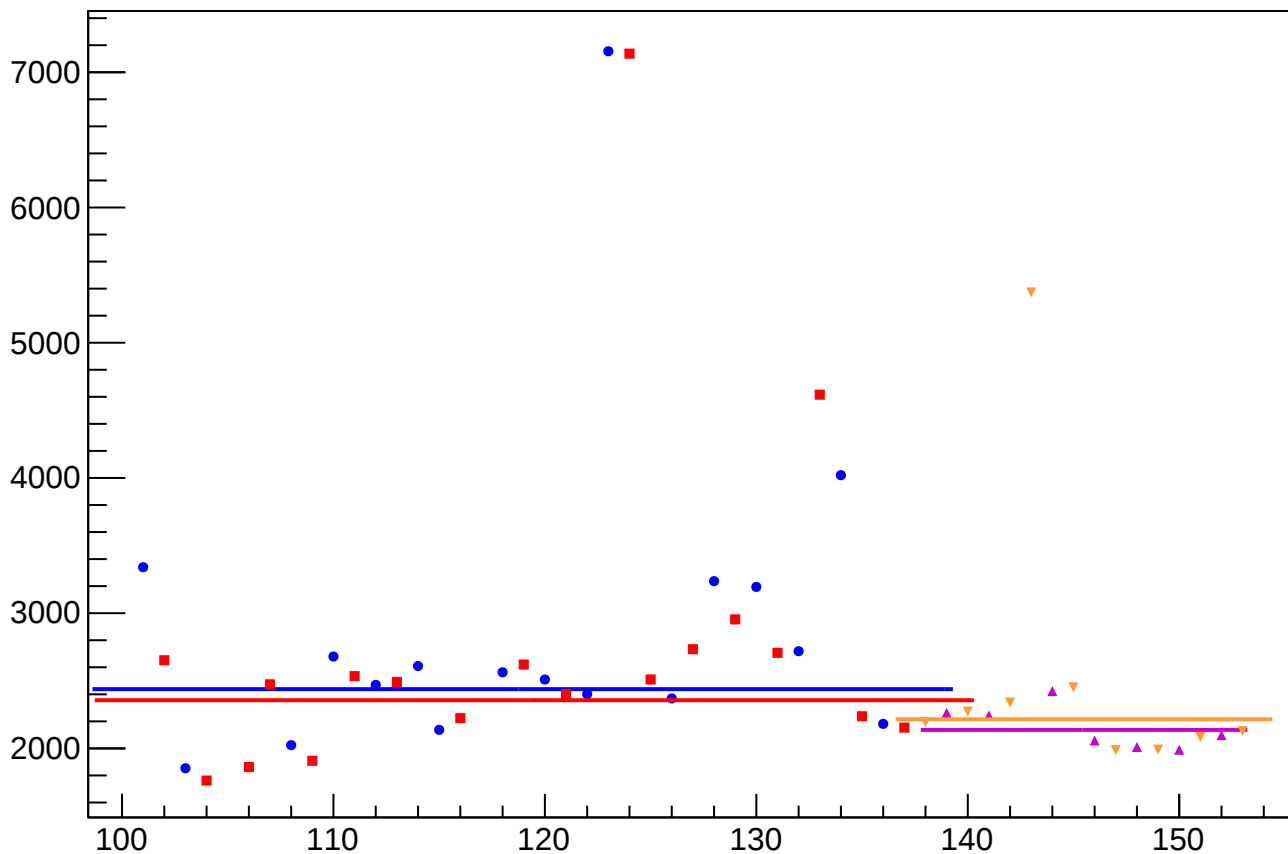
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 629.188 $\pm$ 653.584 χ^2 /NDF: 25.0/23

Out: 4.553 $\pm$ 637.408 χ^2 /NDF: 16.6/26

All: 309.045 $\pm$ 456.327 χ^2 /NDF: 42.1/50

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2438.275+/-0.682 χ^2/NDF : 476723.4/16

Left Out: 2215.196+/-0.621 χ^2/NDF : 600411.9/8

Right Out: 2356.405+/-0.656 χ^2/NDF : 629132.8/17

Left In: 2136.951+/-0.628 χ^2/NDF : 51513.0/6

Left: 2176.555+/-0.442 χ^2/NDF : 659774.6/15

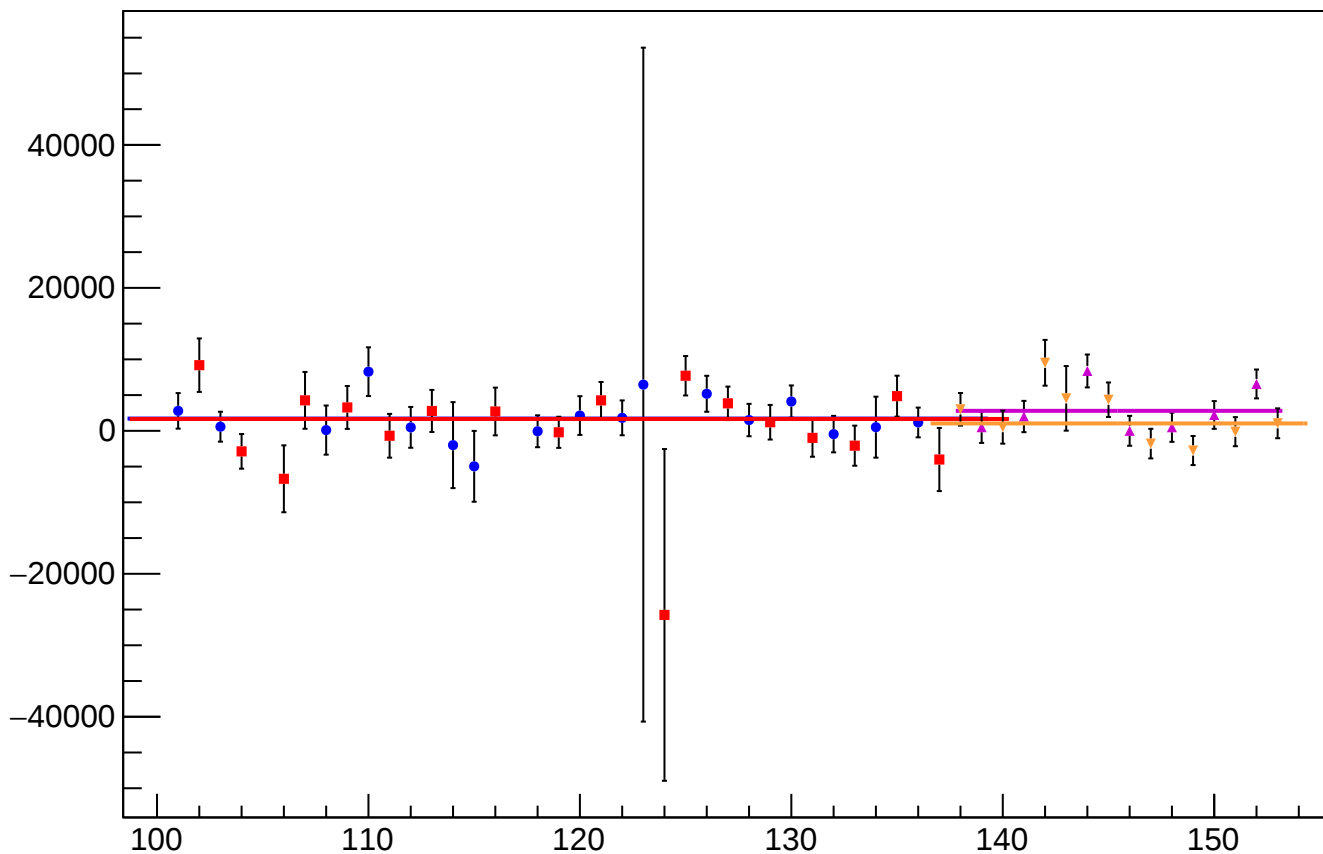
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2275.248+/-0.462 χ^2/NDF : 633796.9/23

Out: 2281.932+/-0.451 χ^2/NDF : 1254010.0/26

All: 2278.674+/-0.323 χ^2/NDF : 1887914.1/50

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1035.341+/-780.063 χ^2/NDF : 16.0/8

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

Left In: 2798.185+/-795.050 χ^2/NDF : 13.7/6

Left: 1899.991+/-556.811 χ^2/NDF : 32.2/15

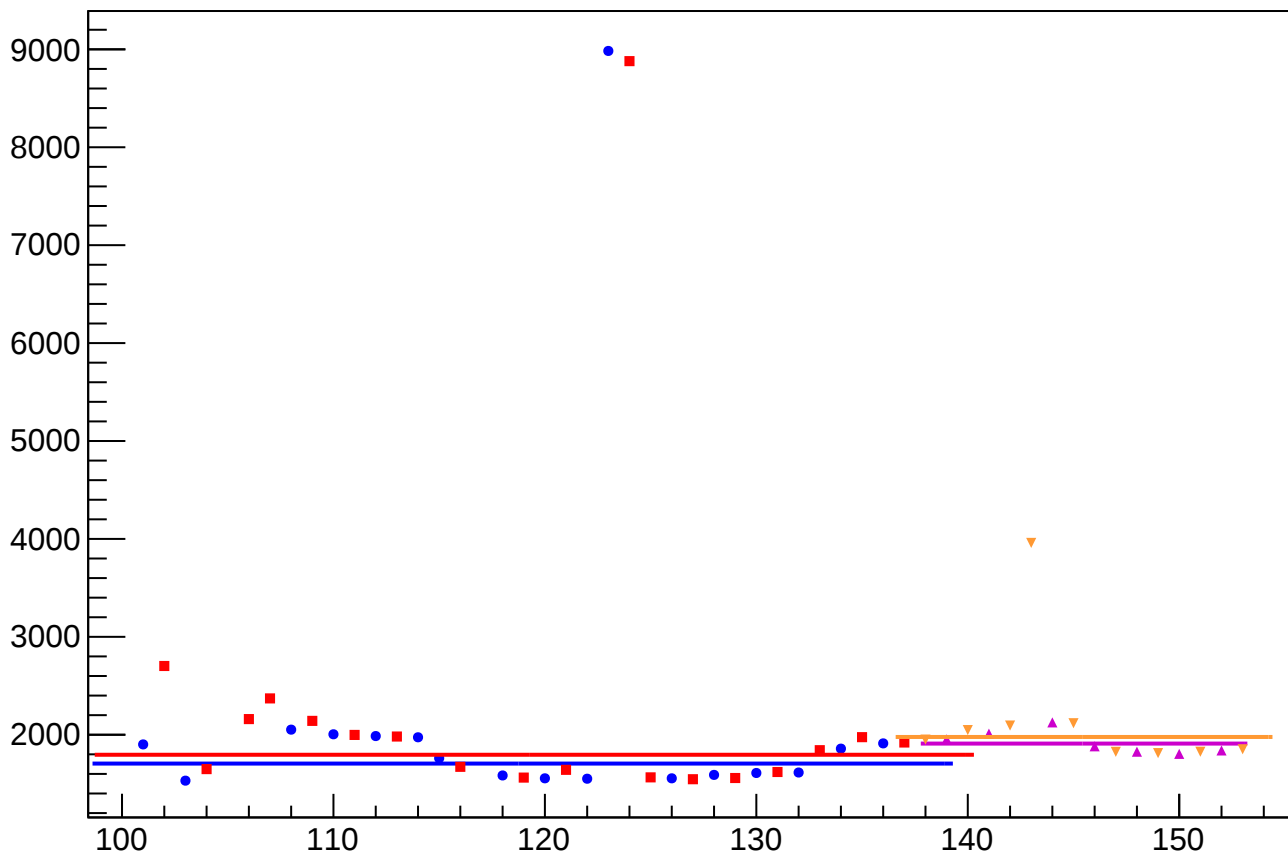
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2161.136+/-511.059 χ^2/NDF : 26.2/23

Out: 1386.253+/-519.209 χ^2/NDF : 43.2/26

All: 1779.824+/-364.220 χ^2/NDF : 70.4/50

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1977.306+/-0.552 χ^2/NDF : 438512.3/8

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

Left In: 1909.744+/-0.562 χ^2/NDF : 34712.1/6

Left: 1944.168+/-0.394 χ^2/NDF : 480583.0/15

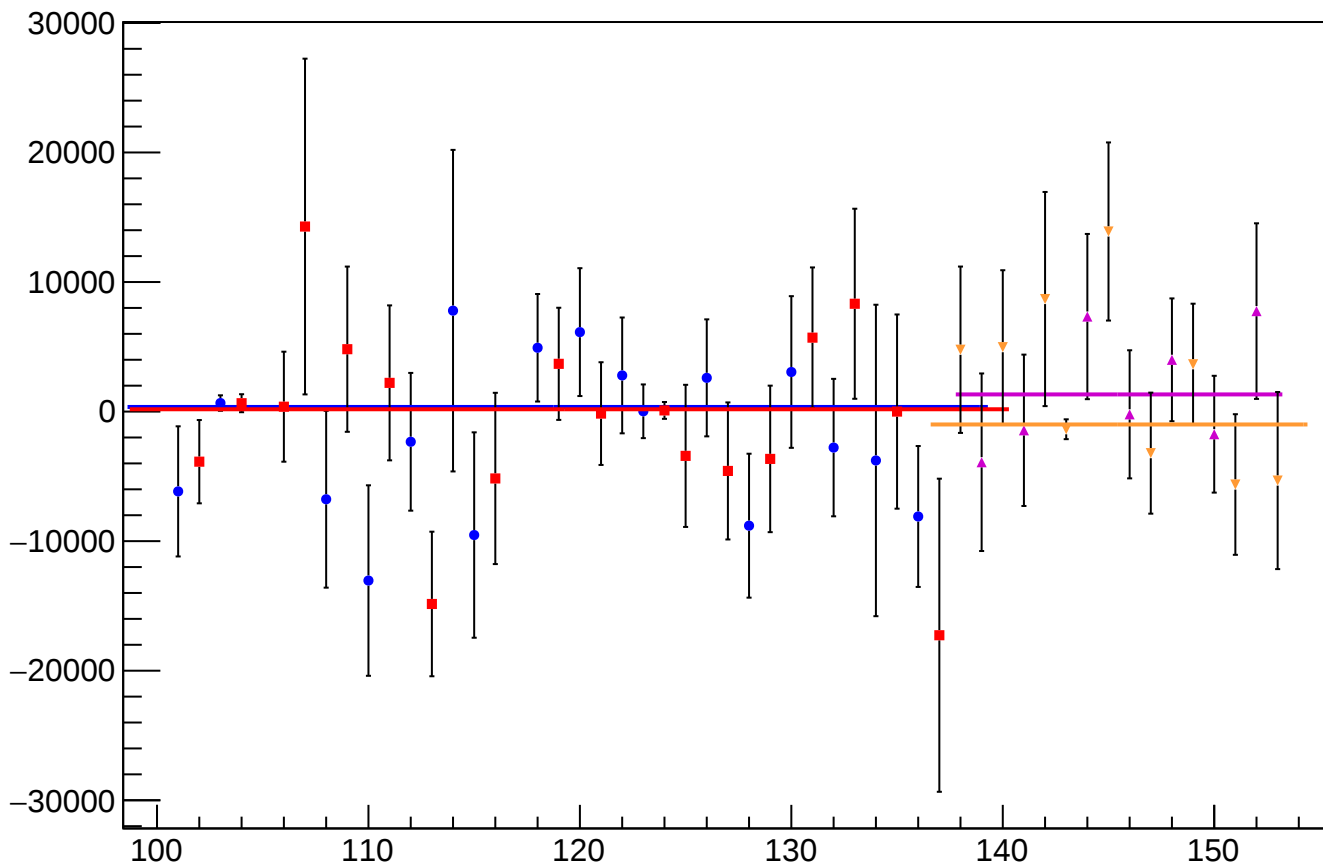
Right: 1748.814+/-0.340 χ^2/NDF : 730436.4/34

In: 1789.965+/-0.361 χ^2/NDF : 306245.1/23

Out: 1875.888+/-0.367 χ^2/NDF : 1017895.1/26

All: 1832.300+/-0.257 χ^2/NDF : 1351994.7/50

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -994.498+/-718.122 χ^2/NDF : 10.5/8

Right Out: 179.185+/-446.995 χ^2/NDF : 18.5/17

Left In: 1325.291+/-2077.988 χ^2/NDF : 3.5/6

Left: -747.005+/-678.735 χ^2/NDF : 15.0/15

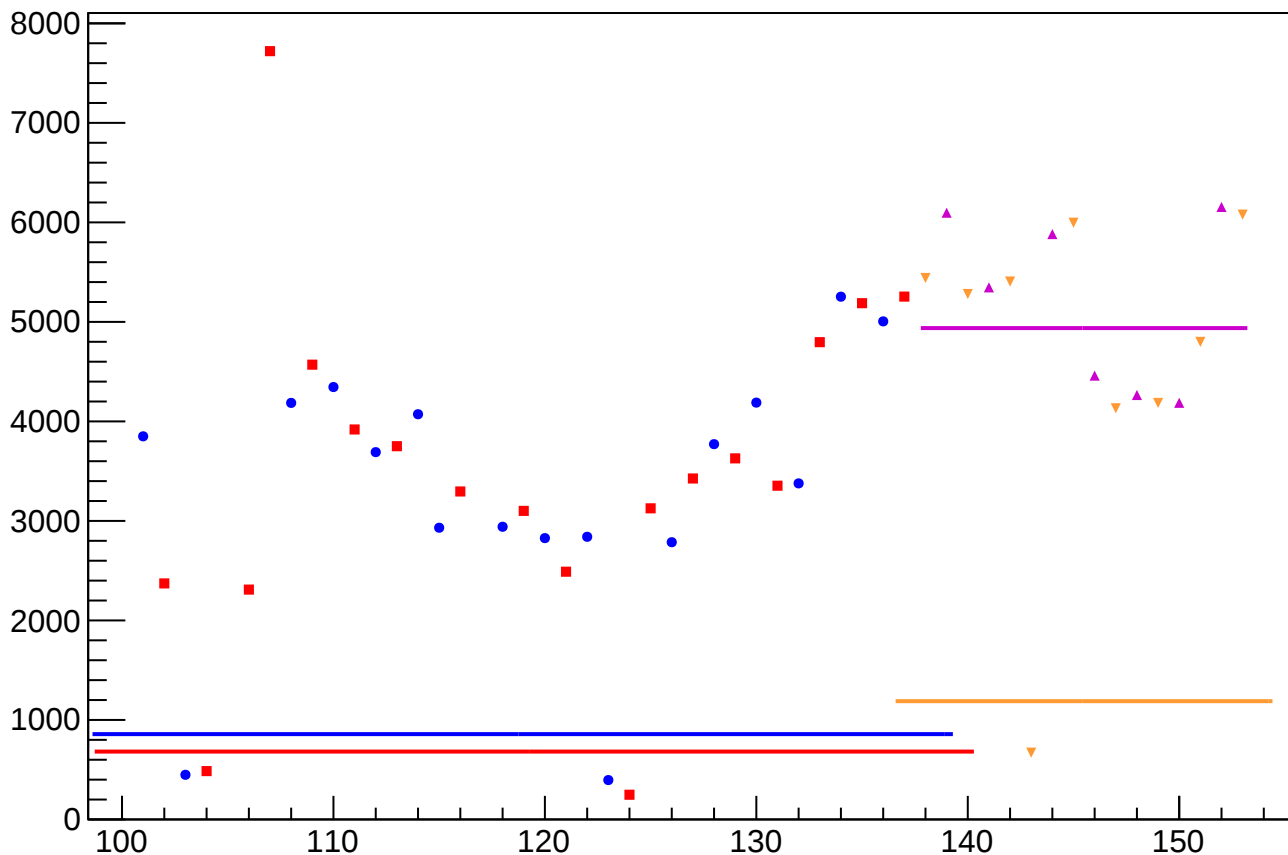
Right: 252.583+/-342.551 χ^2/NDF : 36.1/34

In: 416.840+/-516.477 χ^2/NDF : 21.2/23

Out: -148.566+/-379.485 χ^2/NDF : 30.9/26

All: 49.662+/-305.811 χ^2/NDF : 52.8/50

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1188.732 $\pm$ 0.508 χ^2 /NDF: 7763144.1/8

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

Left In: 4937.817 $\pm$ 1.469 χ^2 /NDF: 289863.6/6

Left: 1588.713 $\pm$ 0.480 χ^2 /NDF: 13868651.3/15

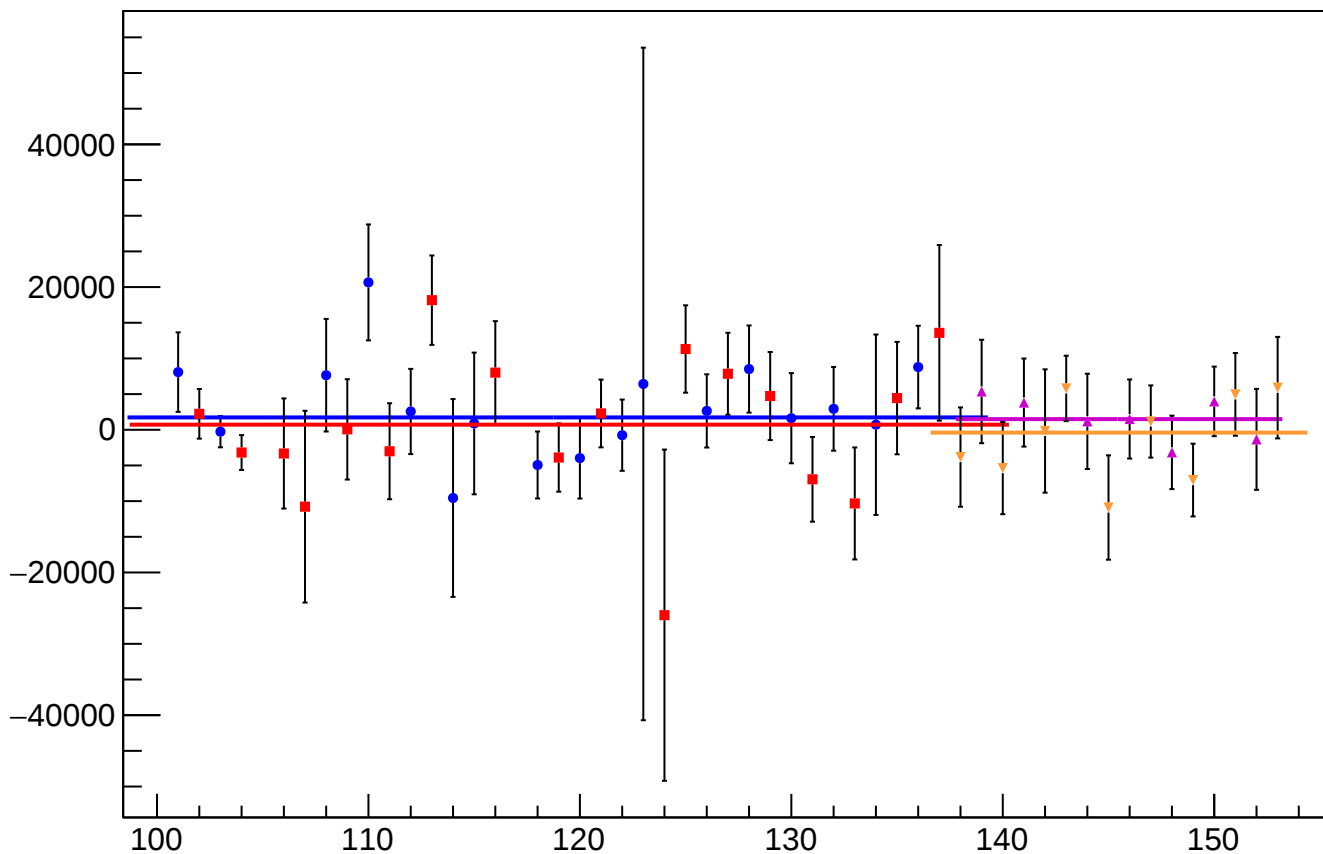
Right: 754.488 $\pm$ 0.242 χ^2 /NDF: 17680867.8/34

In: 1109.537 $\pm$ 0.365 χ^2 /NDF: 15700223.1/23

Out: 823.587 $\pm$ 0.268 χ^2 /NDF: 17859142.4/26

All: 923.839 $\pm$ 0.216 χ^2 /NDF: 33957494.0/50

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: -395.140+/-1994.584 χ^2/NDF : 8.2/8

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

Left In: 1493.182+/-2235.943 χ^2/NDF : 1.7/6

Left: 441.638+/-1488.429 χ^2/NDF : 10.2/15

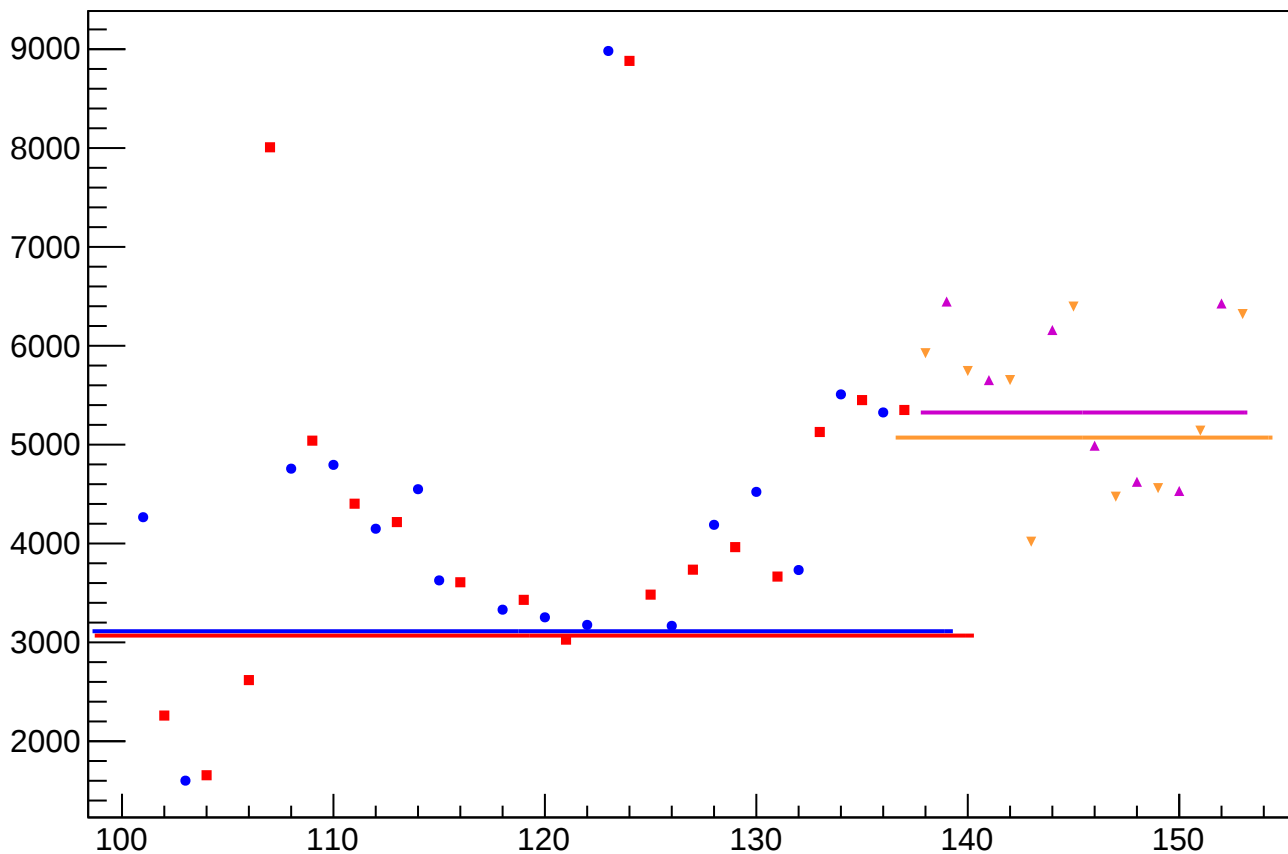
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1672.296+/-1126.824 χ^2/NDF : 16.6/23

Out: 387.697+/-1083.611 χ^2/NDF : 33.5/26

All: 1004.892+/-781.059 χ^2/NDF : 50.8/50

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5071.400+/-1.410 χ^2/NDF : 342156.5/8

Right Out: 3068.634+/-0.899 χ^2/NDF : 2001632.3/17

Left In: 5325.010+/-1.581 χ^2/NDF : 230786.0/6

Left: 5183.783+/-1.052 χ^2/NDF : 587270.7/15

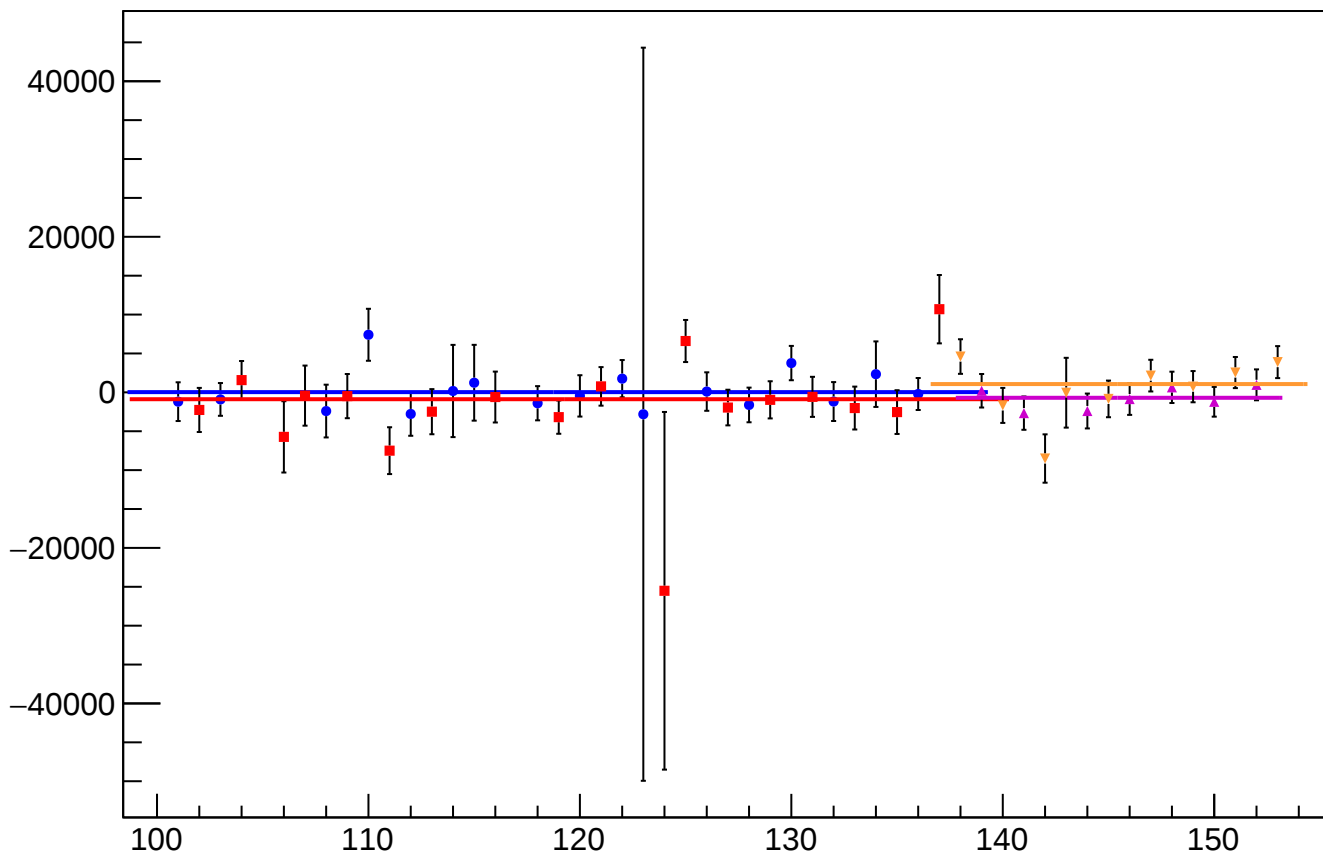
Right: 3090.101+/-0.644 χ^2/NDF : 3887313.2/34

In: 3674.557+/-0.797 χ^2/NDF : 3575995.6/23

Out: 3647.587+/-0.758 χ^2/NDF : 3777324.2/26

All: 3660.405+/-0.549 χ^2/NDF : 7353920.9/50

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1065.247+/-765.003 χ^2/NDF : 17.0/8

Right Out: -882.685+/-674.623 χ^2/NDF : 25.6/17

Left In: -699.463+/-779.160 χ^2/NDF : 2.8/6

Left: 199.070+/-545.875 χ^2/NDF : 22.4/15

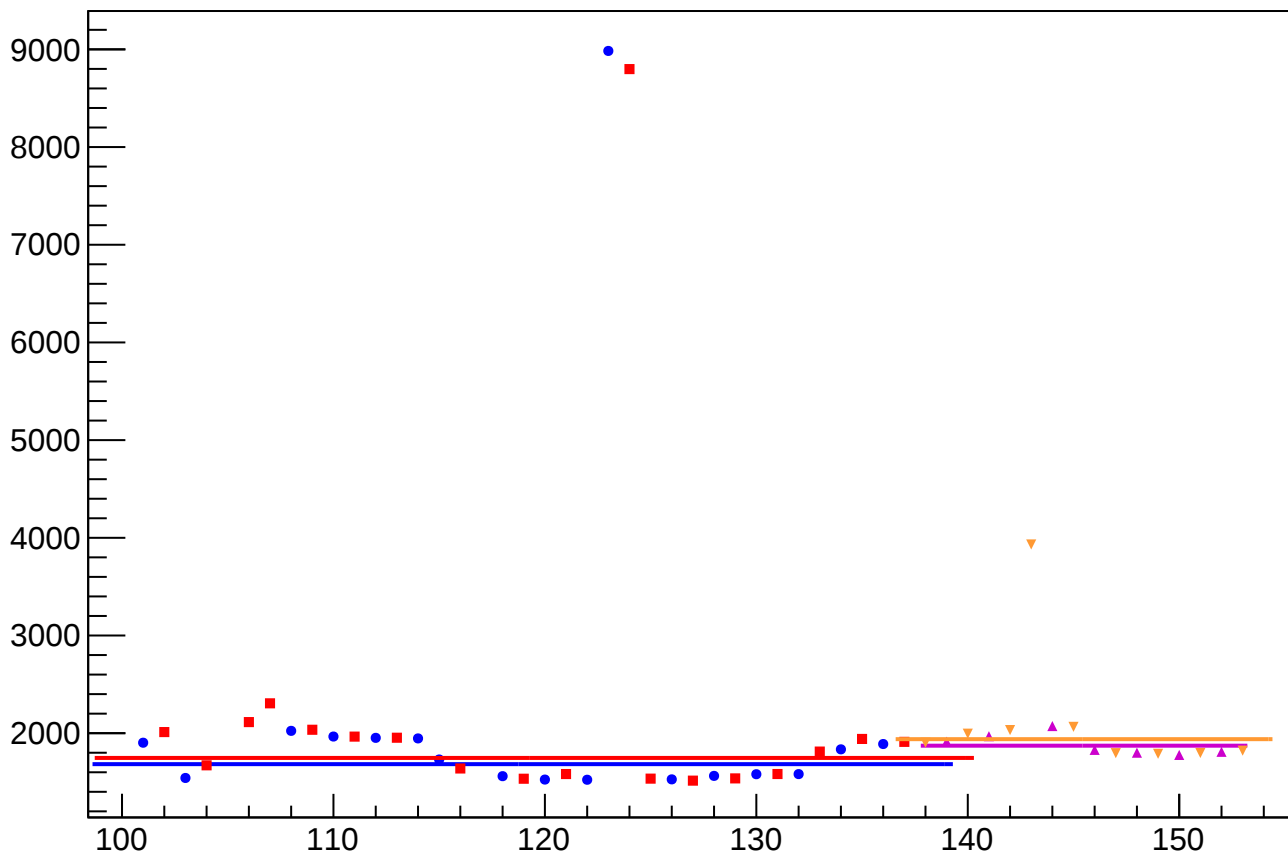
Right: -415.699+/-471.191 χ^2/NDF : 38.4/34

In: -274.409+/-502.898 χ^2/NDF : 15.2/23

Out: -30.530+/-505.982 χ^2/NDF : 46.2/26

All: -153.215+/-356.688 χ^2/NDF : 61.5/50

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1938.925+/-0.541 χ^2/NDF : 441514.2/8

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

Left In: 1872.207+/-0.551 χ^2/NDF : 31163.9/6

Left: 1906.177+/-0.386 χ^2/NDF : 480144.8/15

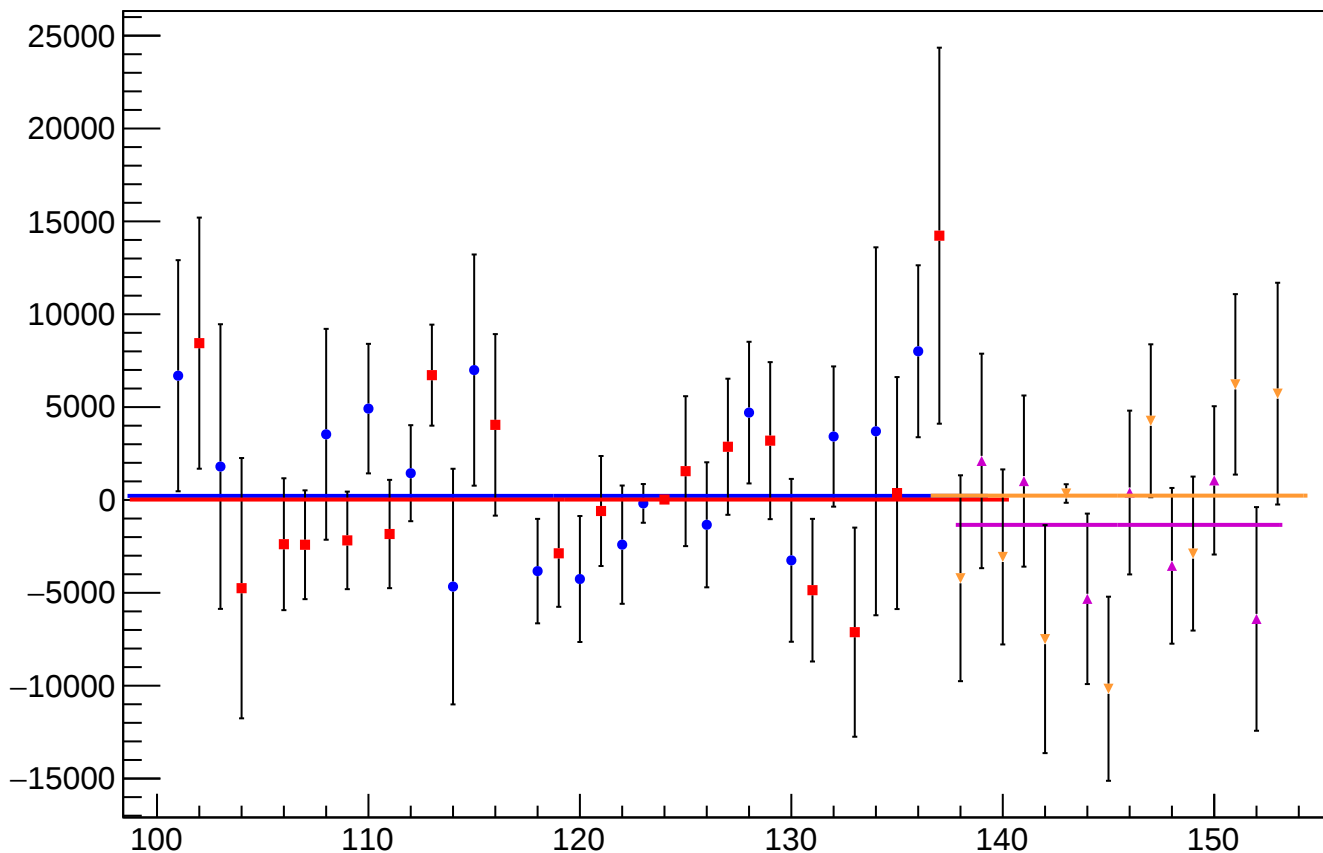
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1761.893+/-0.356 χ^2/NDF : 295736.6/23

Out: 1830.641+/-0.357 χ^2/NDF : 919335.0/26

All: 1796.100+/-0.252 χ^2/NDF : 1233668.0/50

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 233.534 $\pm$ 479.800 χ^2 /NDF:11.1/8

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

Left In: -1341.282 $\pm$ 1759.034 χ^2 /NDF:2.9/6

Left: 124.481 $\pm$ 462.889 χ^2 /NDF: 14.7/15

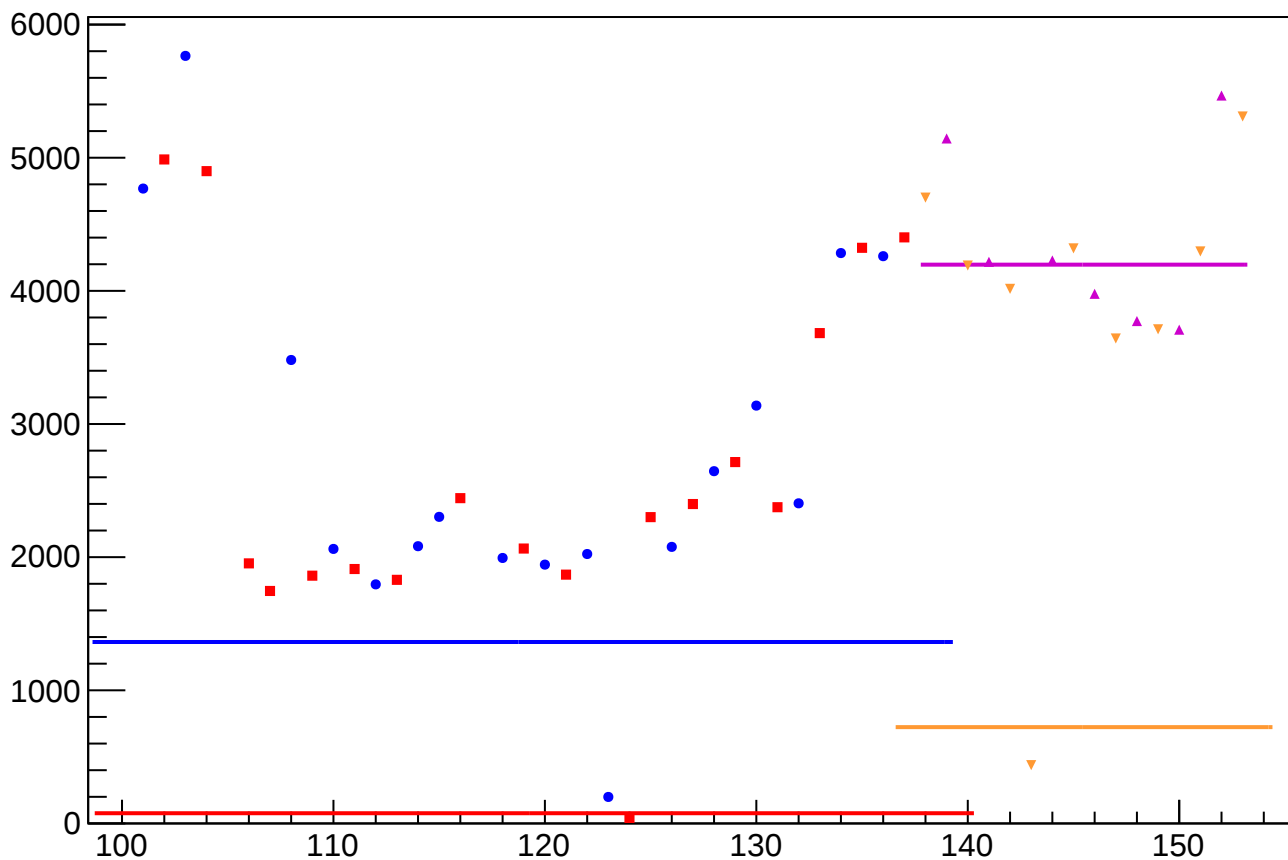
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: -4.693 $\pm$ 667.067 χ^2 /NDF:19.4/23

Out: 32.277 $\pm$ 111.037 χ^2 /NDF:29.8/26

All: 32.253 $\pm$ 109.530 χ^2 /NDF: 49.2/50

asym_atl_dd_correction_rms vs Slug, Sign Corrected



Right In: 1362.842 +/- 0.510 χ^2/NDF : 6235846.3/16

Left Out: 723.440 +/- 0.339 χ^2/NDF : 8699858.6/8

Right Out: 76.832 +/- 0.081 χ^2/NDF : 13114372.5/17

Left In: 4196.844 +/- 1.244 χ^2/NDF : 198255.5/6

Left: 963.966 +/- 0.327 χ^2/NDF : 16156272.3/15

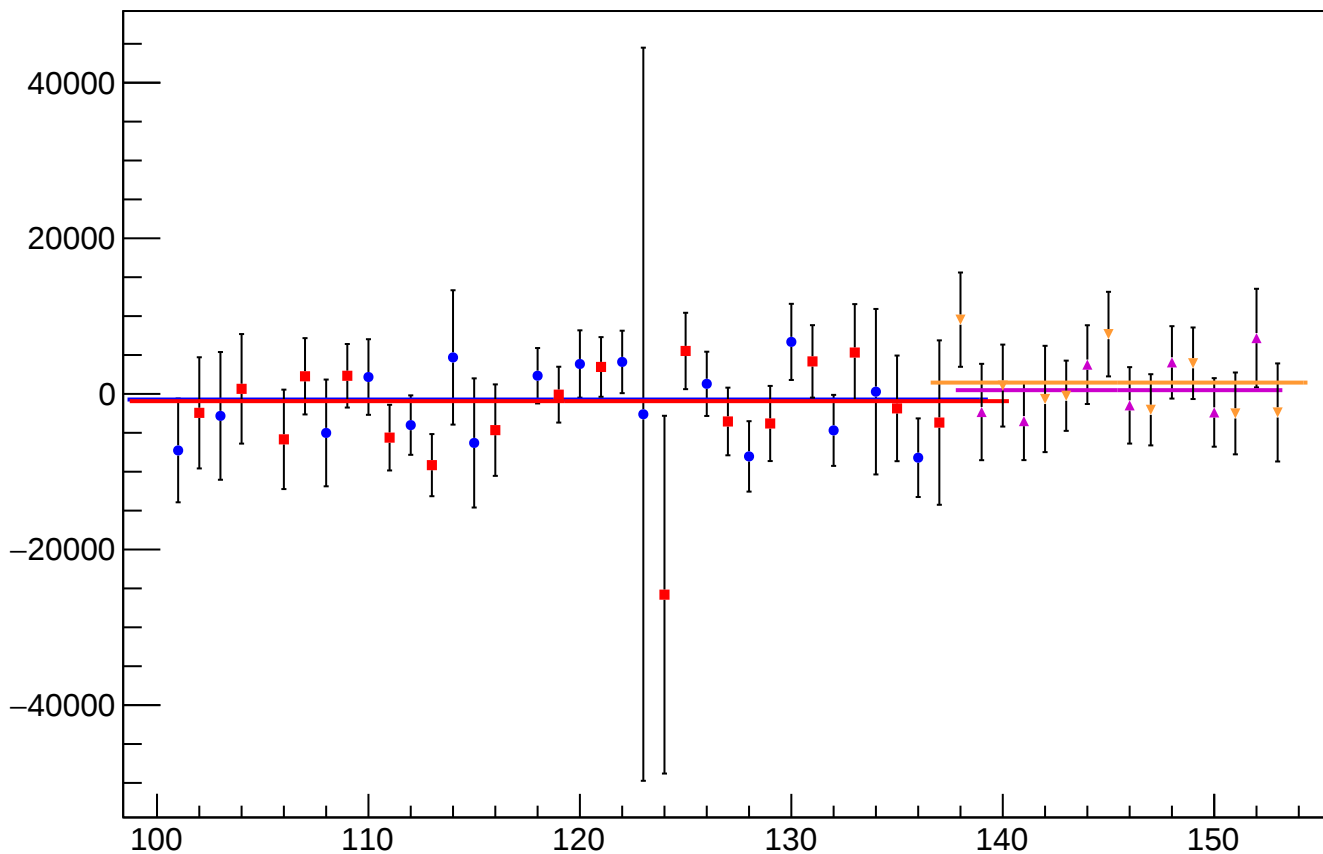
Right: 108.278 +/- 0.080 χ^2/NDF : 25558892.3/34

In: 1770.401 +/- 0.472 χ^2/NDF : 10878901.5/23

Out: 111.462 +/- 0.079 χ^2/NDF : 25252086.7/26

All: 156.188 +/- 0.077 χ^2/NDF : 48167003.1/50

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1454.770+/-1756.902 χ^2/NDF : 5.2/8

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

Left In: 481.330+/-1928.279 χ^2/NDF : 3.5/6

Left: 1013.222+/-1298.687 χ^2/NDF : 8.8/15

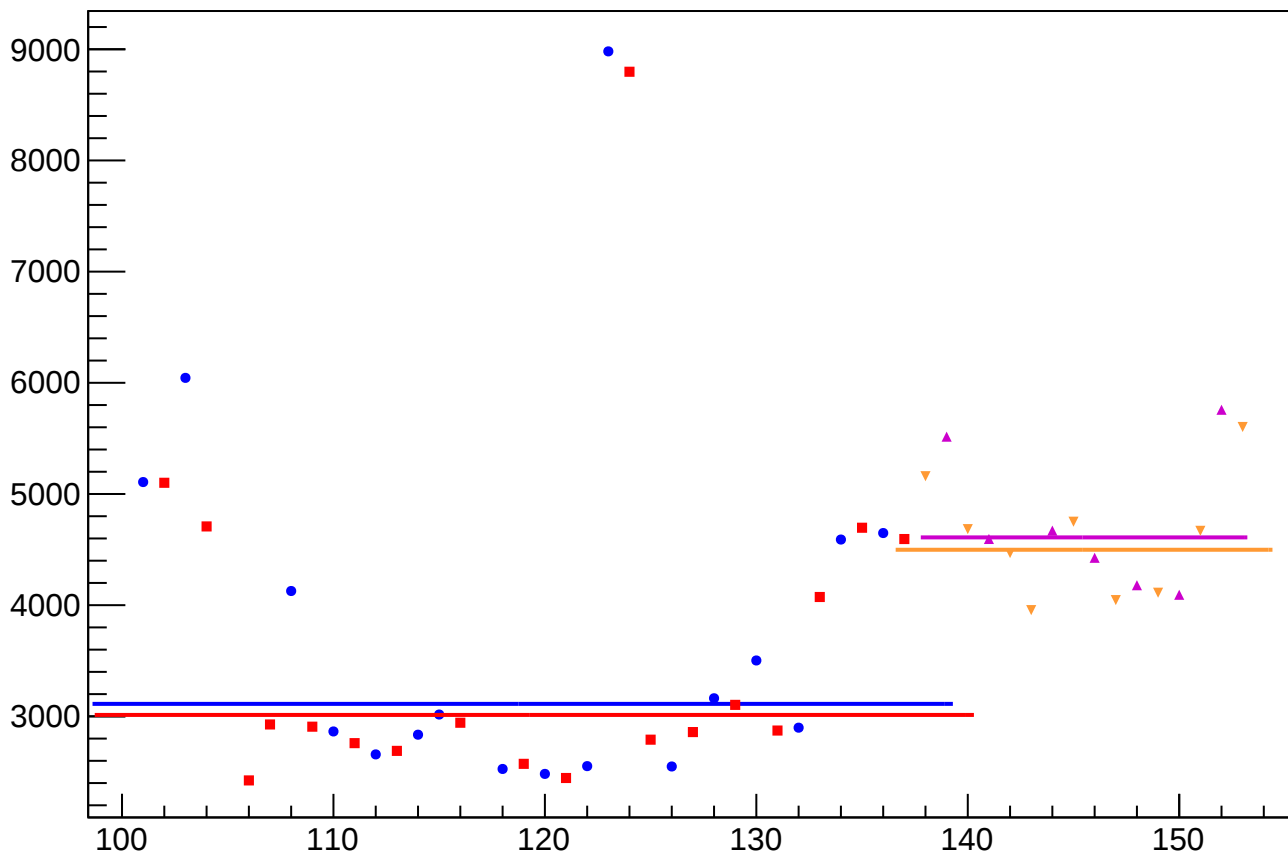
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -364.578+/-1050.381 χ^2/NDF : 18.6/23

Out: -177.327+/-987.790 χ^2/NDF : 21.3/26

All: -265.208+/-719.584 χ^2/NDF : 39.9/50

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4498.377+/-1.242 χ^2/NDF :156786.5/8

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

Left In: 4609.563+/-1.363 χ^2/NDF :156085.5/6

Left: 4548.810+/-0.918 χ^2/NDF : 316505.4/15

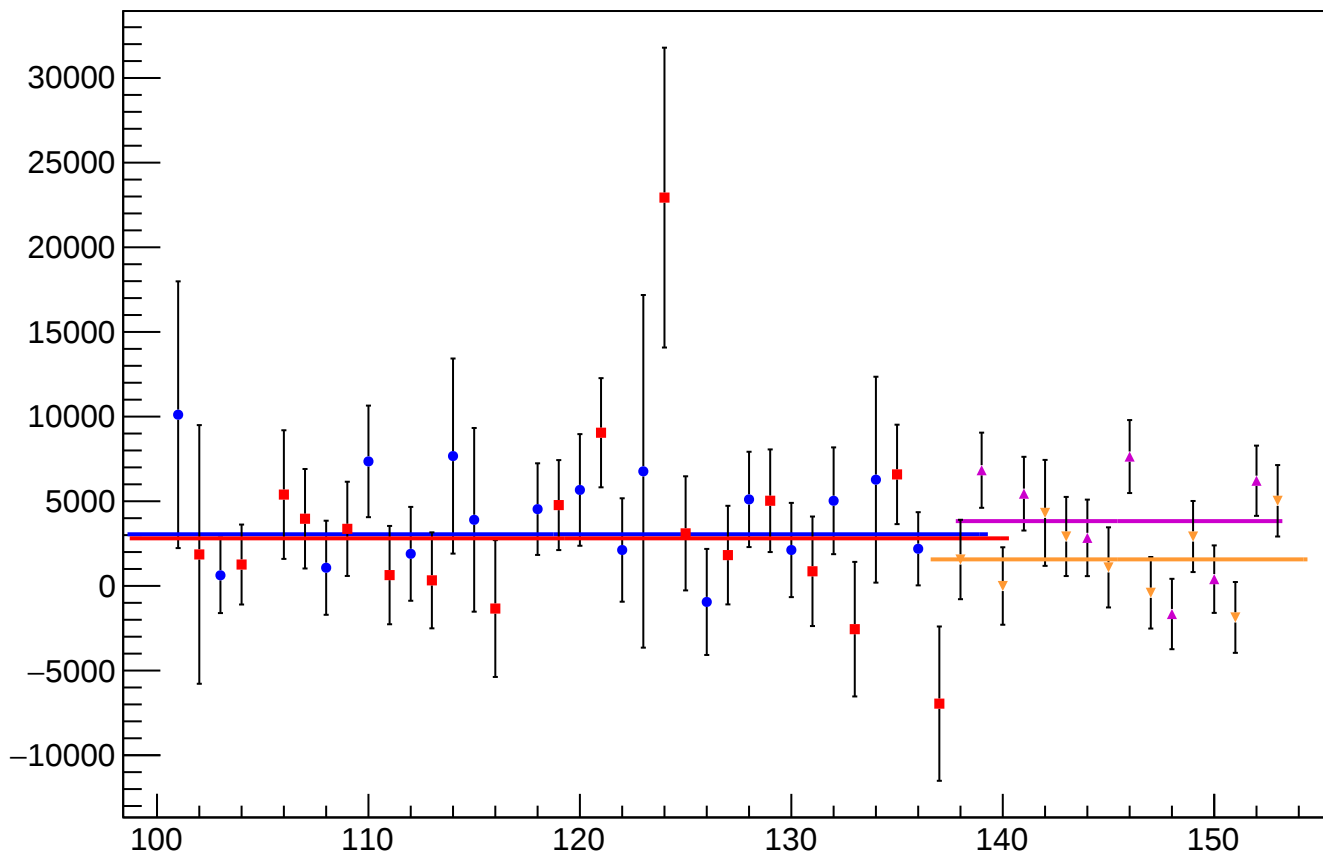
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3556.524+/-0.743 χ^2/NDF :1962693.8/23

Out: 3474.320+/-0.692 χ^2/NDF :1916794.6/26

All: 3512.546+/-0.506 χ^2/NDF : 3886042.0/50

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1567.074+/-757.958 χ^2/NDF :8.3/8

Right Out: 2809.116+/-766.213 χ^2/NDF : 22.0/17

Left In: 3826.903+/-805.728 χ^2/NDF :17.0/6

Left: 2628.015+/-552.073 χ^2/NDF : 29.4/15

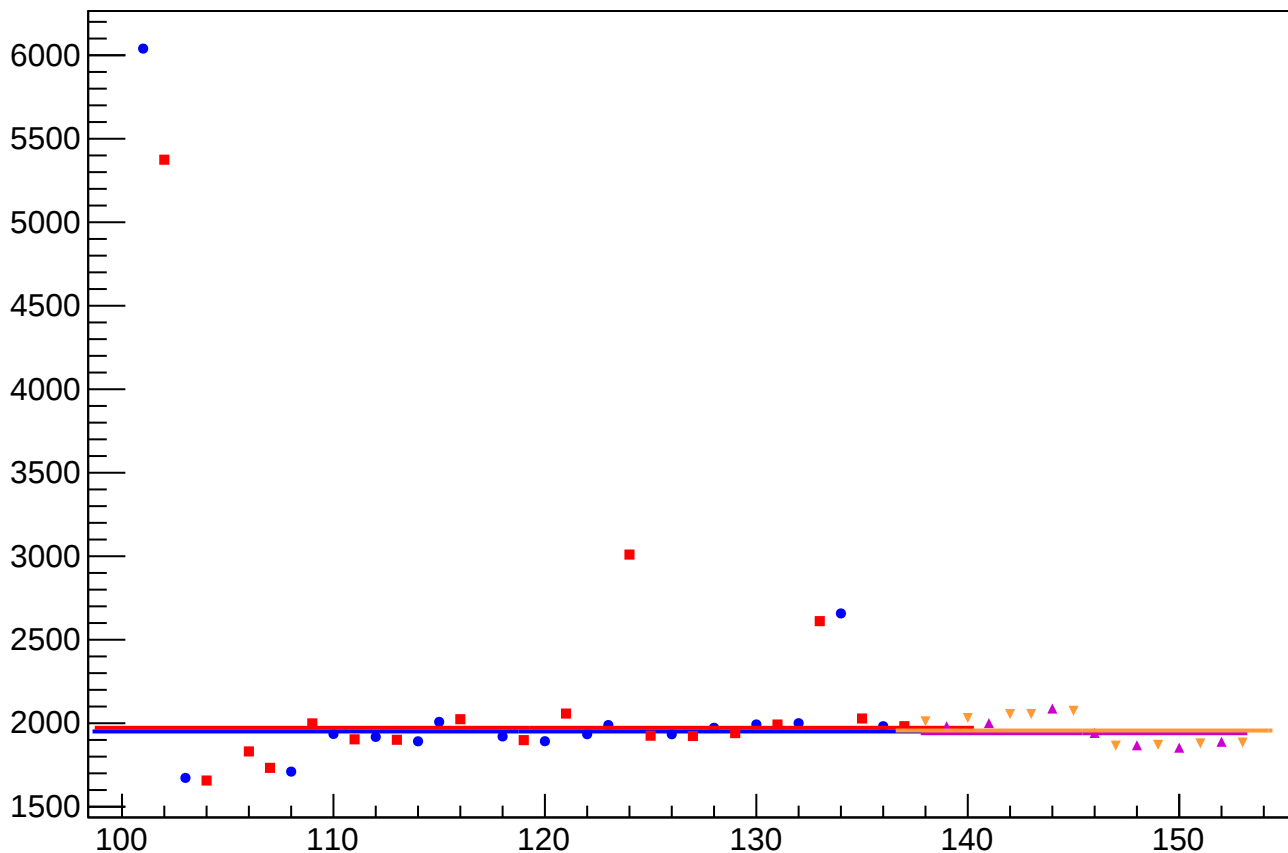
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3421.534+/-557.549 χ^2/NDF :26.7/23

Out: 2181.368+/-538.852 χ^2/NDF :31.6/26

All: 2780.308+/-387.467 χ^2/NDF : 60.9/50

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1956.340 $\pm$ 0.536 χ^2 /NDF: 25880.5/8

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

Left In: 1940.400 $\pm$ 0.570 χ^2 /NDF: 18168.8/6

Left: 1948.856 $\pm$ 0.390 χ^2 /NDF: 44464.6/15

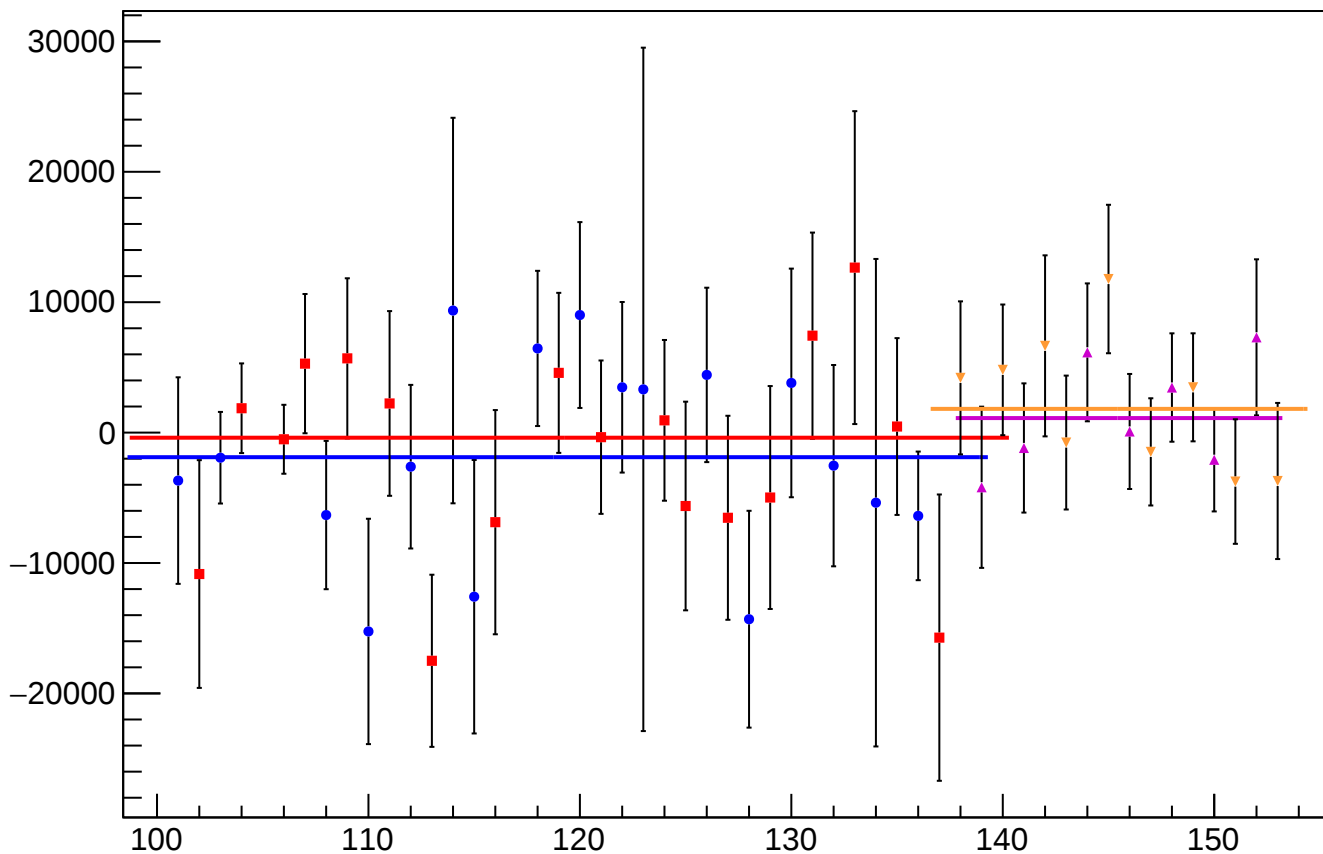
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1945.763 $\pm$ 0.394 χ^2 /NDF: 633504.2/23

Out: 1964.449 $\pm$ 0.381 χ^2 /NDF: 562013.1/26

All: 1955.428 $\pm$ 0.274 χ^2 /NDF: 1196679.1/50

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1820.193 $\pm$ 1695.940 χ^2 /NDF: 7.3/8

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

Left In: 1113.705 $\pm$ 1814.693 χ^2 /NDF: 4.0/6

Left: 1490.819 $\pm$ 1239.067 χ^2 /NDF: 11.4/15

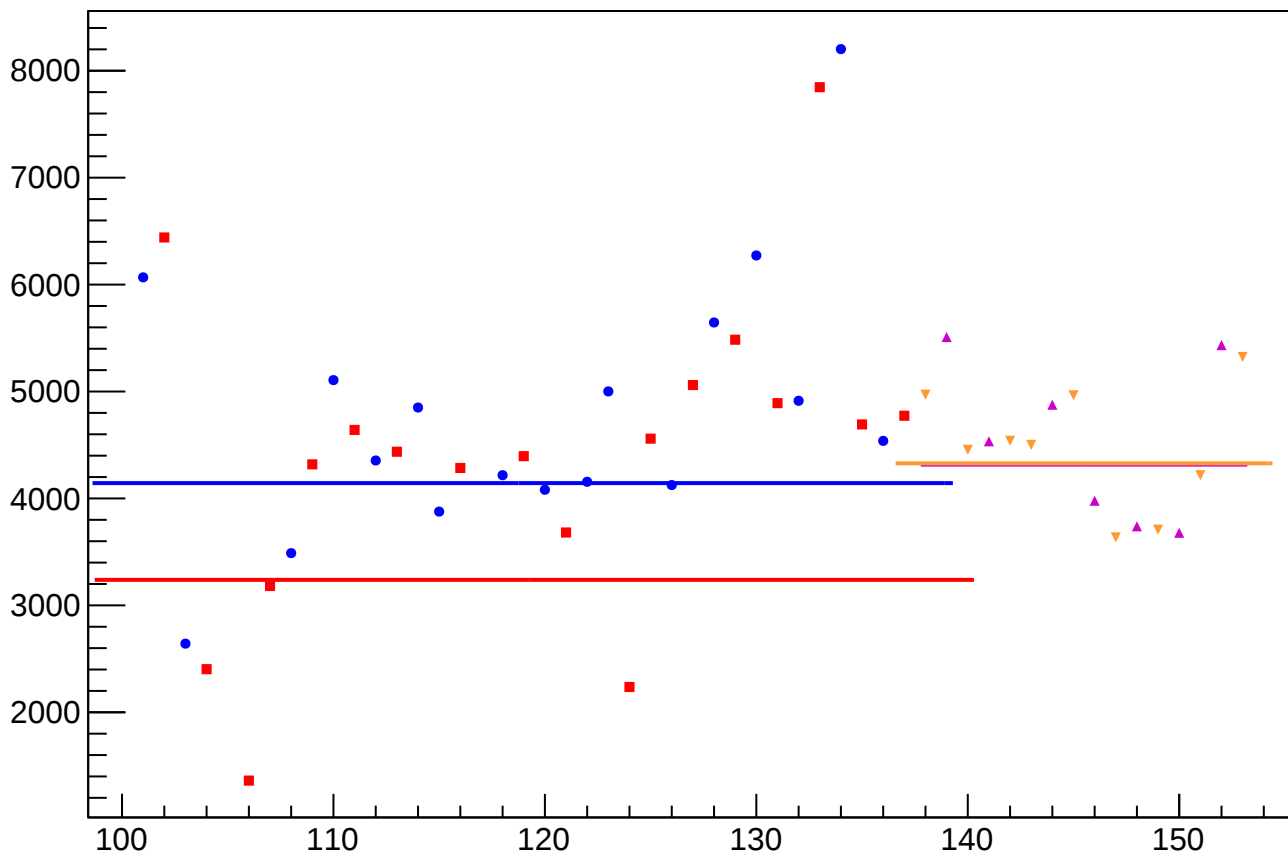
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

In: -520.852 $\pm$ 1224.029 χ^2 /NDF: 19.6/23

Out: 475.451 $\pm$ 1061.789 χ^2 /NDF: 25.9/26

All: 47.659 $\pm$ 802.070 χ^2 /NDF: 45.9/50

asym_atr_avg_correction_rms vs Slug, Sign Corrected



Right In: 4143.478 $\pm$ 1.172 χ^2/NDF : 855972.6/16

Left Out: 4328.330 $\pm$ 1.199 χ^2/NDF : 212185.8/8

Right Out: 3238.590 $\pm$ 0.963 χ^2/NDF : 2581960.1/17

Left In: 4316.174 $\pm$ 1.283 χ^2/NDF : 272747.2/6

Left: 4322.662 $\pm$ 0.876 χ^2/NDF : 484980.9/15

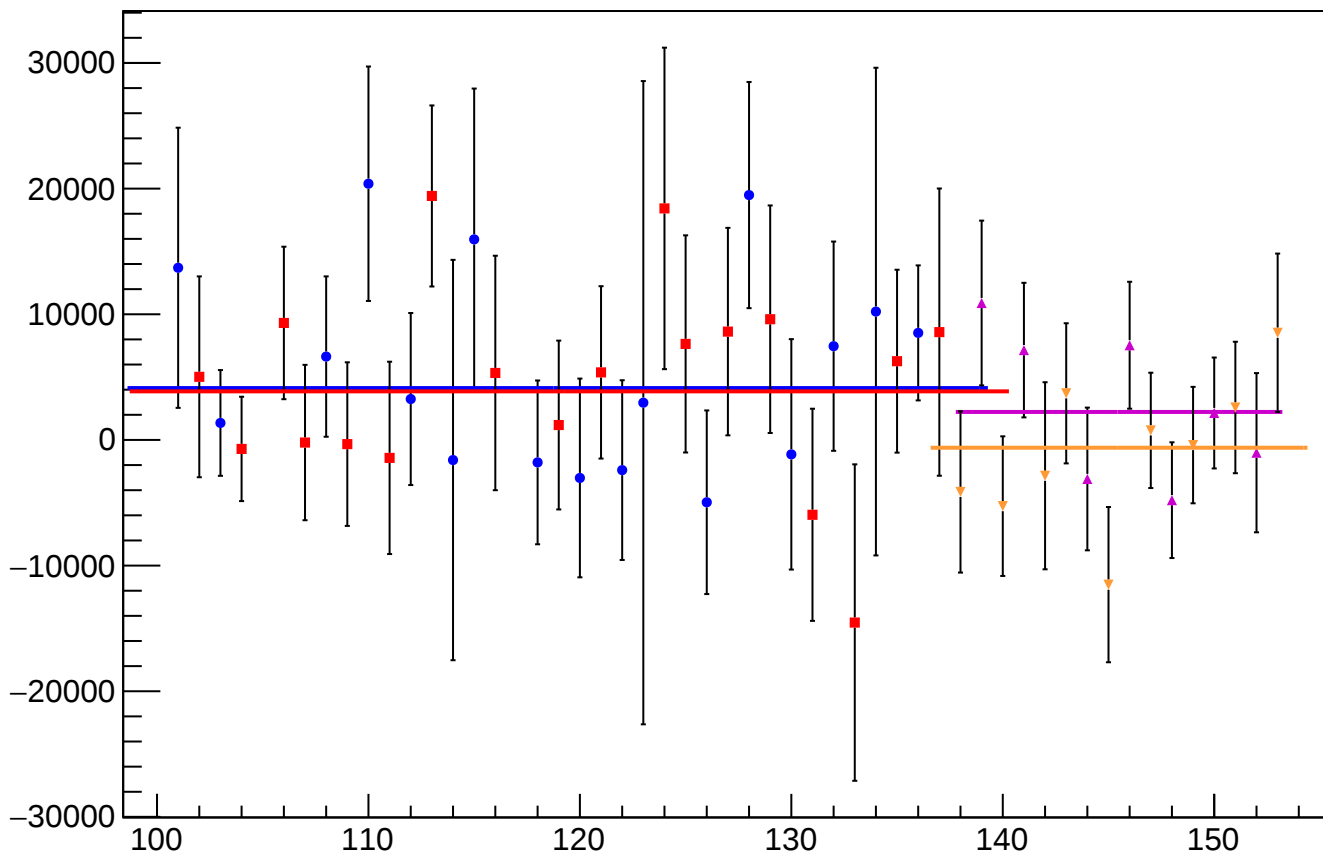
Right: 3603.092 $\pm$ 0.744 χ^2/NDF : 3793704.0/34

In: 4222.049 $\pm$ 0.866 χ^2/NDF : 1138591.9/23

Out: 3665.738 $\pm$ 0.751 χ^2/NDF : 3296230.8/26

All: 3904.606 $\pm$ 0.567 χ^2/NDF : 4670560.4/50

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: -619.036+/-1860.509 χ^2/NDF : 7.4/8

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

Left In: 2227.293+/-1992.962 χ^2/NDF : 7.2/6

Left: 706.409+/-1359.995 χ^2/NDF : 15.6/15

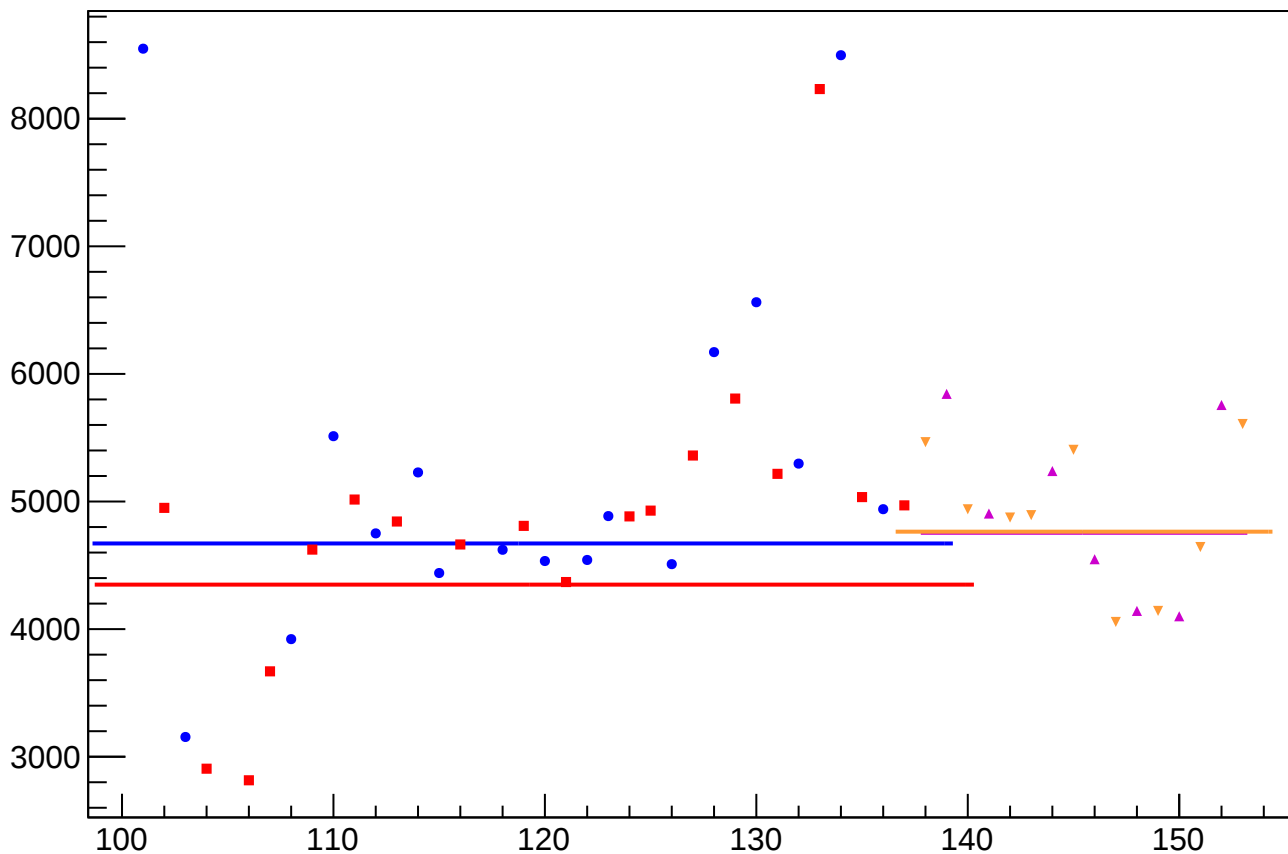
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3240.874+/-1360.991 χ^2/NDF : 21.3/23

Out: 1789.793+/-1265.934 χ^2/NDF : 24.8/26

All: 2462.894+/-926.935 χ^2/NDF : 46.7/50

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4763.703+/-1.316 χ^2/NDF :169368.0/8

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

Left In: 4754.836+/-1.409 χ^2/NDF :203921.8/6

Left: 4759.574+/-0.962 χ^2/NDF : 373310.9/15

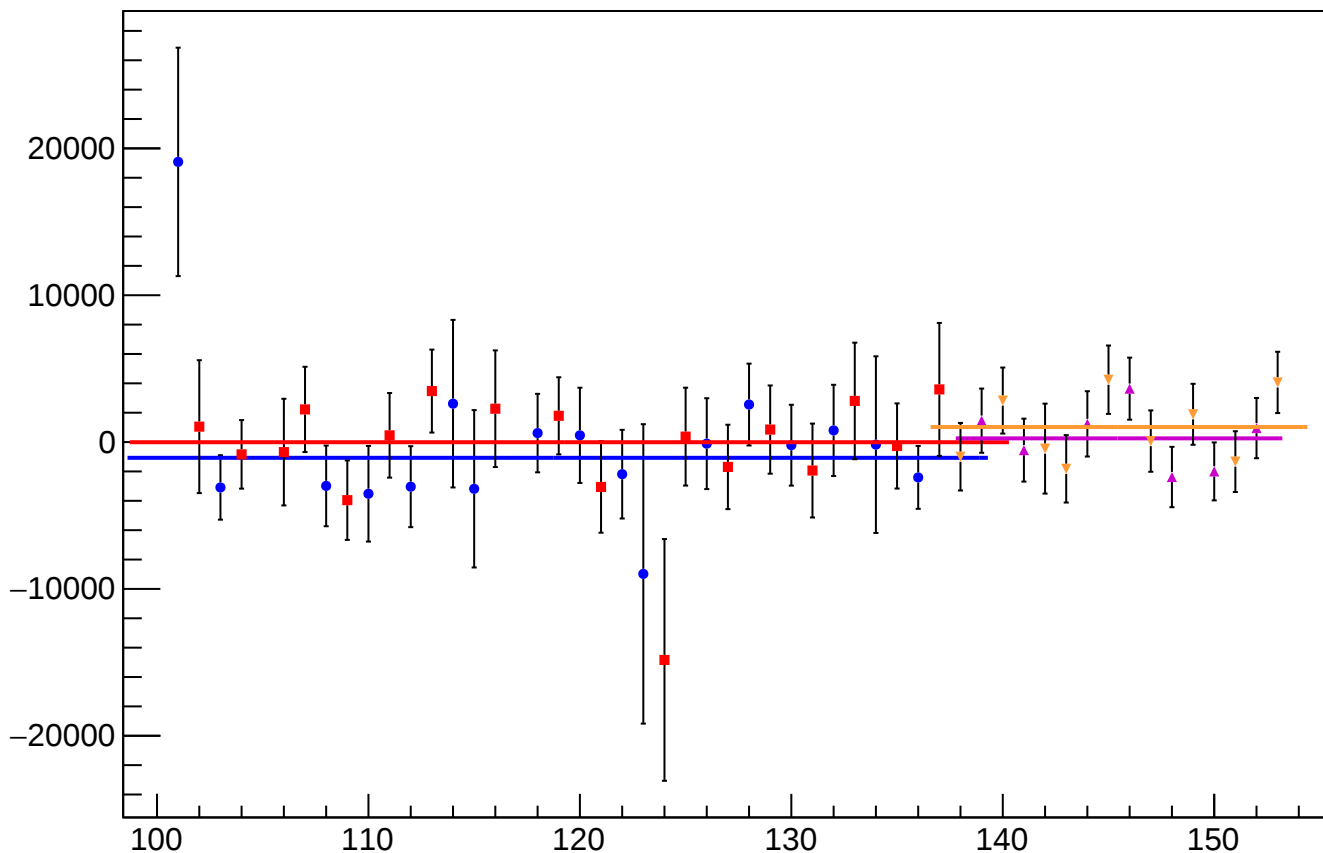
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4710.267+/-0.962 χ^2/NDF :991908.0/23

Out: 4539.648+/-0.892 χ^2/NDF :1015515.9/26

All: 4618.526+/-0.654 χ^2/NDF : 2024324.9/50

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1025.500 ± 747.004 $\chi^2/\text{NDF}: 8.9/8$

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

Left In: 252.884 ± 794.490 $\chi^2/\text{NDF}: 6.3/6$

Left: 662.970 ± 544.225 $\chi^2/\text{NDF}: 15.7/15$

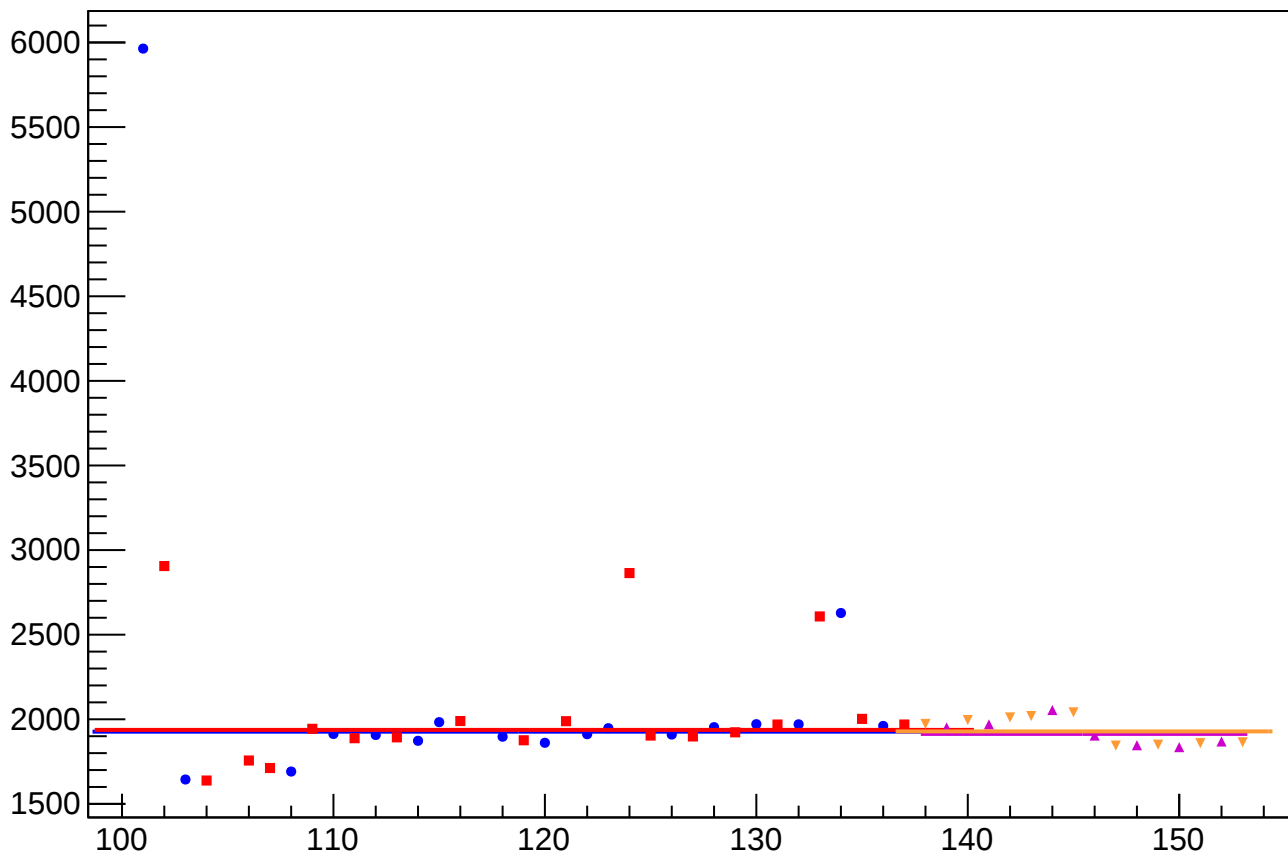
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -435.971 ± 550.307 $\chi^2/\text{NDF}: 21.4/23$

Out: 509.048 ± 528.596 $\chi^2/\text{NDF}: 21.3/26$

All: 55.547 ± 381.218 $\chi^2/\text{NDF}: 44.2/50$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1928.381+/-0.528 χ^2/NDF : 22060.7/8

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

Left In: 1913.642+/-0.562 χ^2/NDF : 16296.5/6

Left: 1921.465+/-0.385 χ^2/NDF : 38722.6/15

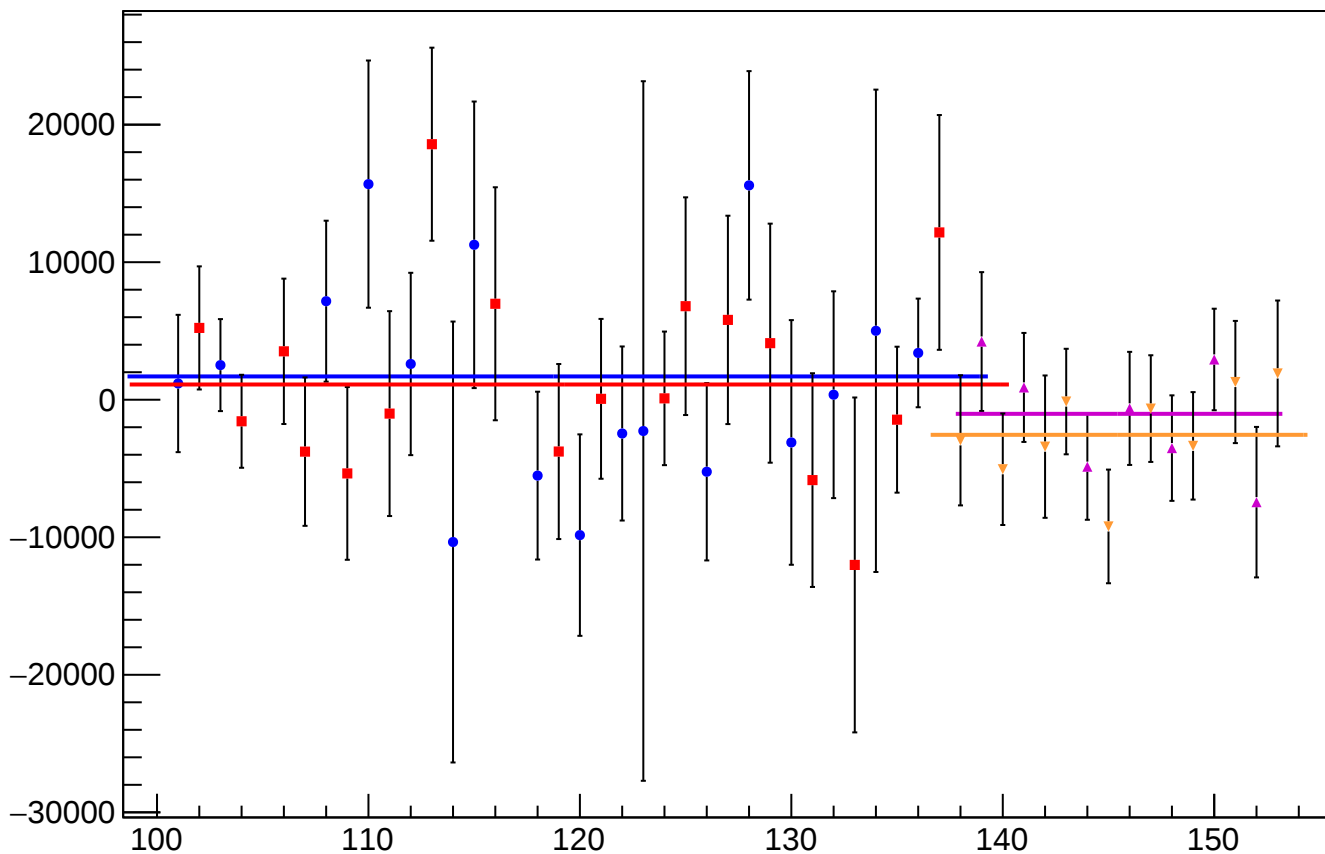
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1920.534+/-0.389 χ^2/NDF : 633702.1/23

Out: 1932.827+/-0.374 χ^2/NDF : 251282.0/26

All: 1926.930+/-0.270 χ^2/NDF : 885503.4/50

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2552.054+/-1432.030 χ^2/NDF : 5.2/8

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

Left In: -1025.685+/-1573.301 χ^2/NDF : 5.3/6

Left: -1860.461+/-1059.028 χ^2/NDF : 10.9/15

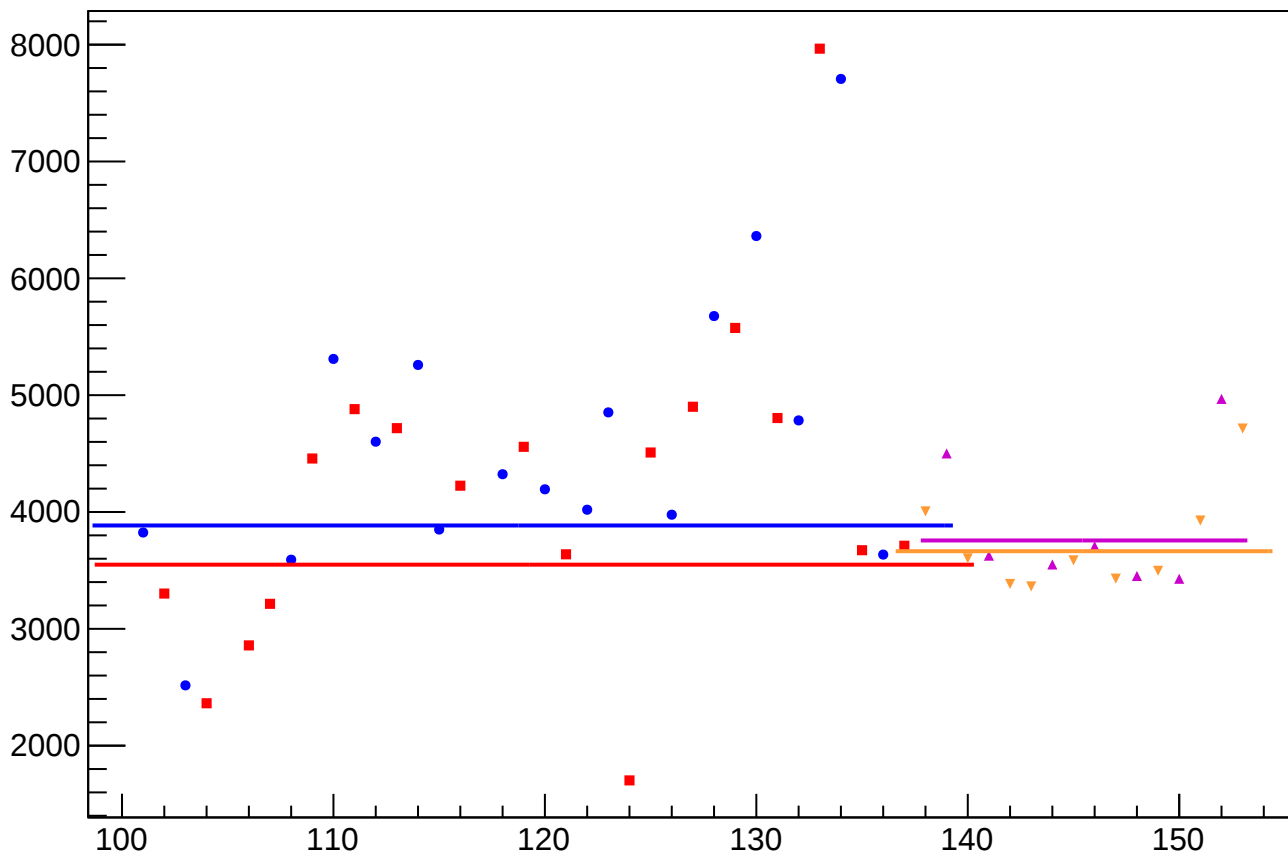
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 352.728+/-1104.863 χ^2/NDF : 20.4/23

Out: -697.194+/-1005.693 χ^2/NDF : 24.3/26

All: -221.458+/-743.726 χ^2/NDF : 45.2/50

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3664.498 $\pm$ 1.013 χ^2/NDF : 126224.4/8

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

Left In: 3756.339 $\pm$ 1.112 χ^2/NDF : 178091.7/6

Left: 3706.111 $\pm$ 0.749 χ^2/NDF : 308043.3/15

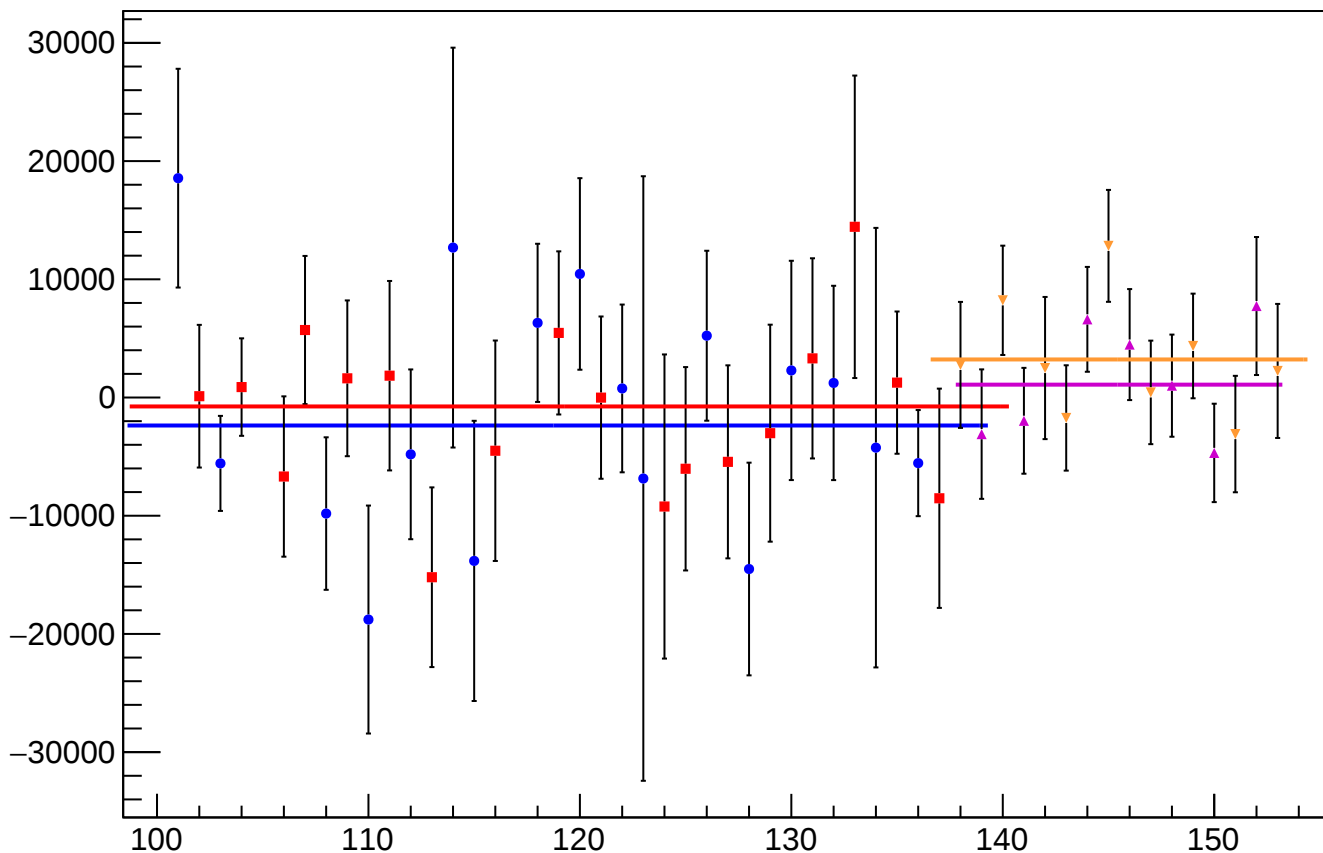
Right: 3701.146 $\pm$ 0.739 χ^2/NDF : 2204616.7/34

In: 3821.347 $\pm$ 0.781 χ^2/NDF : 1011392.7/23

Out: 3606.032 $\pm$ 0.711 χ^2/NDF : 1459750.2/26

All: 3703.595 $\pm$ 0.526 χ^2/NDF : 2512682.3/50

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 3219.400+/-1621.891 χ^2/NDF : 8.7/8

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

Left In: 1087.962+/-1767.587 χ^2/NDF : 6.3/6

Left: 2245.132+/-1195.044 χ^2/NDF : 15.8/15

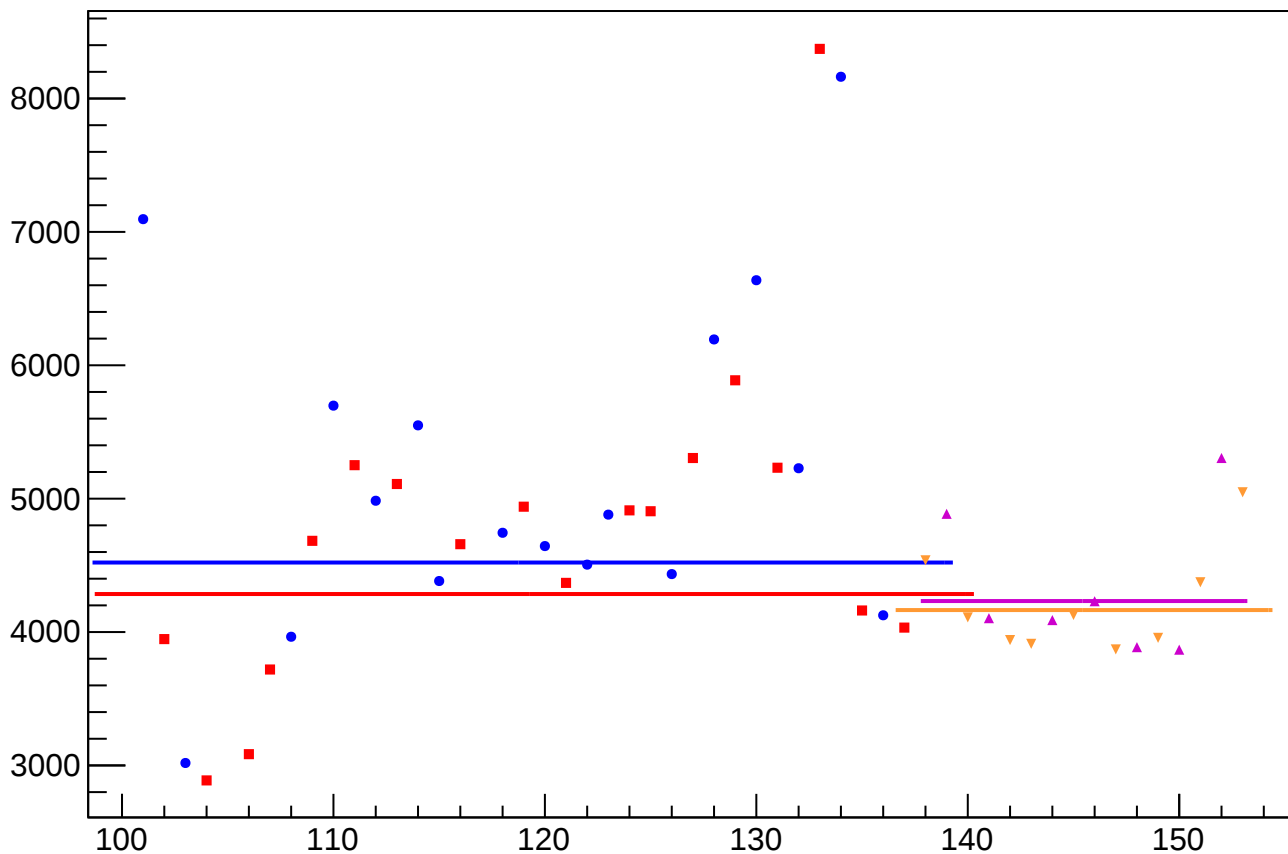
Right: -1511.498+/-1233.889 χ^2/NDF : 31.1/34

In: -606.527+/-1261.844 χ^2/NDF : 28.4/23

Out: 1317.175+/-1171.216 χ^2/NDF : 22.1/26

All: 426.880+/-858.428 χ^2/NDF : 51.7/50

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4164.838+/-1.147 χ^2/NDF : 85035.9/8

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

Left In: 4232.432+/-1.250 χ^2/NDF : 127894.5/6

Left: 4195.735+/-0.845 χ^2/NDF : 214518.3/15

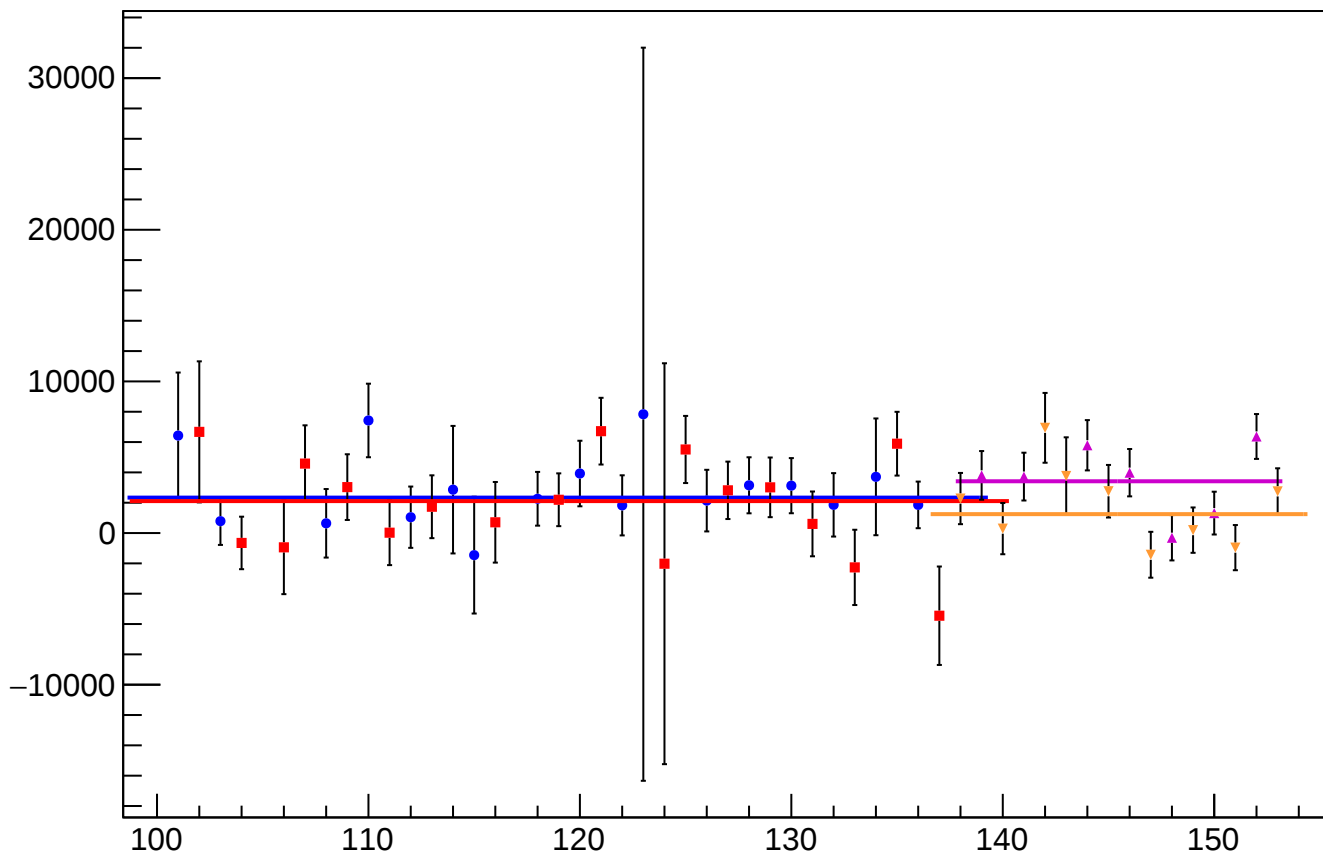
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4374.052+/-0.892 χ^2/NDF : 932750.5/23

Out: 4222.707+/-0.826 χ^2/NDF : 836726.7/26

All: 4292.548+/-0.606 χ^2/NDF : 1784971.1/50

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: 1247.278 $\pm$ 564.062 χ^2 /NDF:15.3/8

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

Left In: 3414.736 $\pm$ 580.112 χ^2 /NDF:14.7/6

Left: 2300.608 $\pm$ 404.407 χ^2 /NDF: 37.2/15

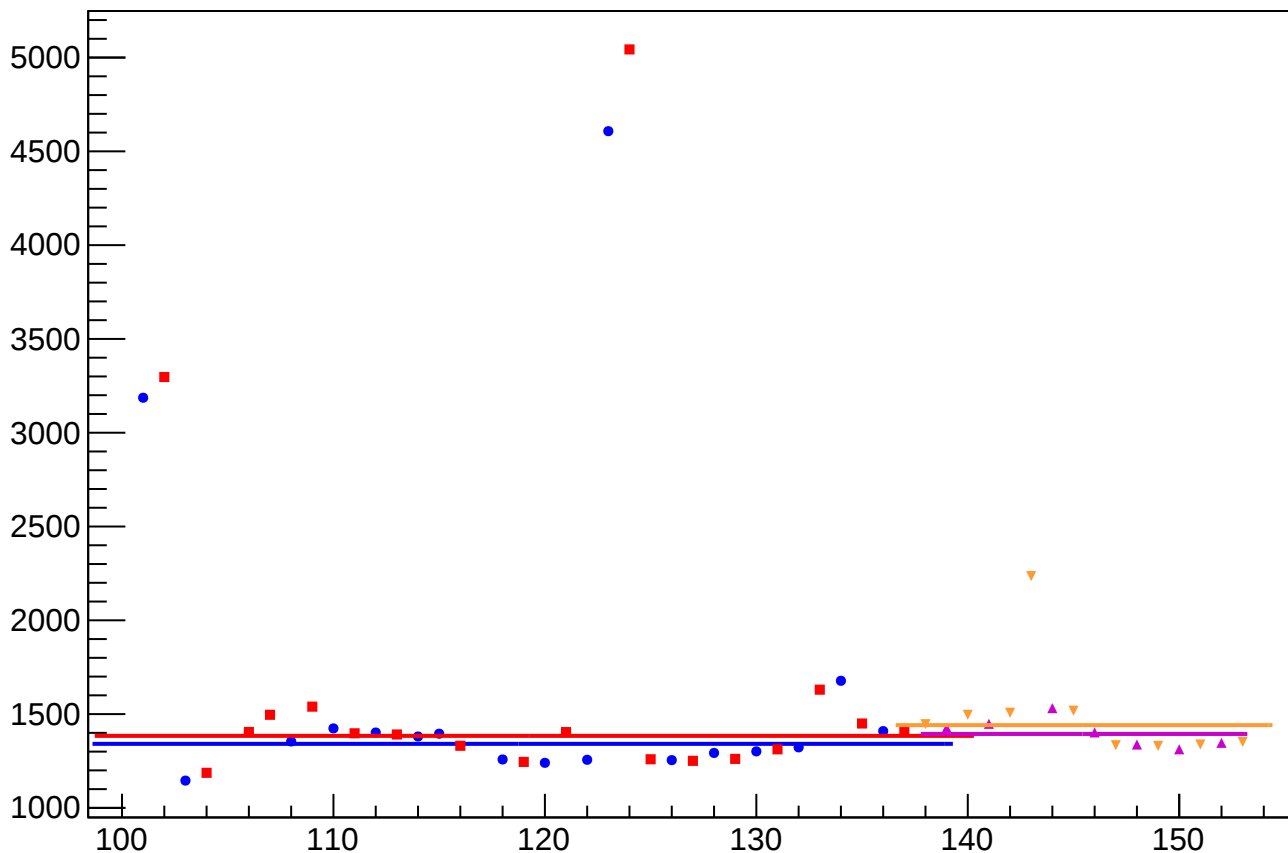
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2828.443 $\pm$ 391.741 χ^2 /NDF:26.2/23

Out: 1696.237 $\pm$ 389.920 χ^2 /NDF:42.9/26

All: 2259.703 $\pm$ 276.357 χ^2 /NDF: 73.3/50

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 ± 0.376 $\chi^2/\text{NDF}: 504272.1/16$

Left Out: 1441.175 ± 0.399 $\chi^2/\text{NDF}: 239517.4/8$

Right Out: 1383.916 ± 0.381 $\chi^2/\text{NDF}: 593846.2/17$

Left In: 1394.116 ± 0.410 $\chi^2/\text{NDF}: 28623.2/6$

Left: 1418.306 ± 0.286 $\chi^2/\text{NDF}: 274905.7/15$

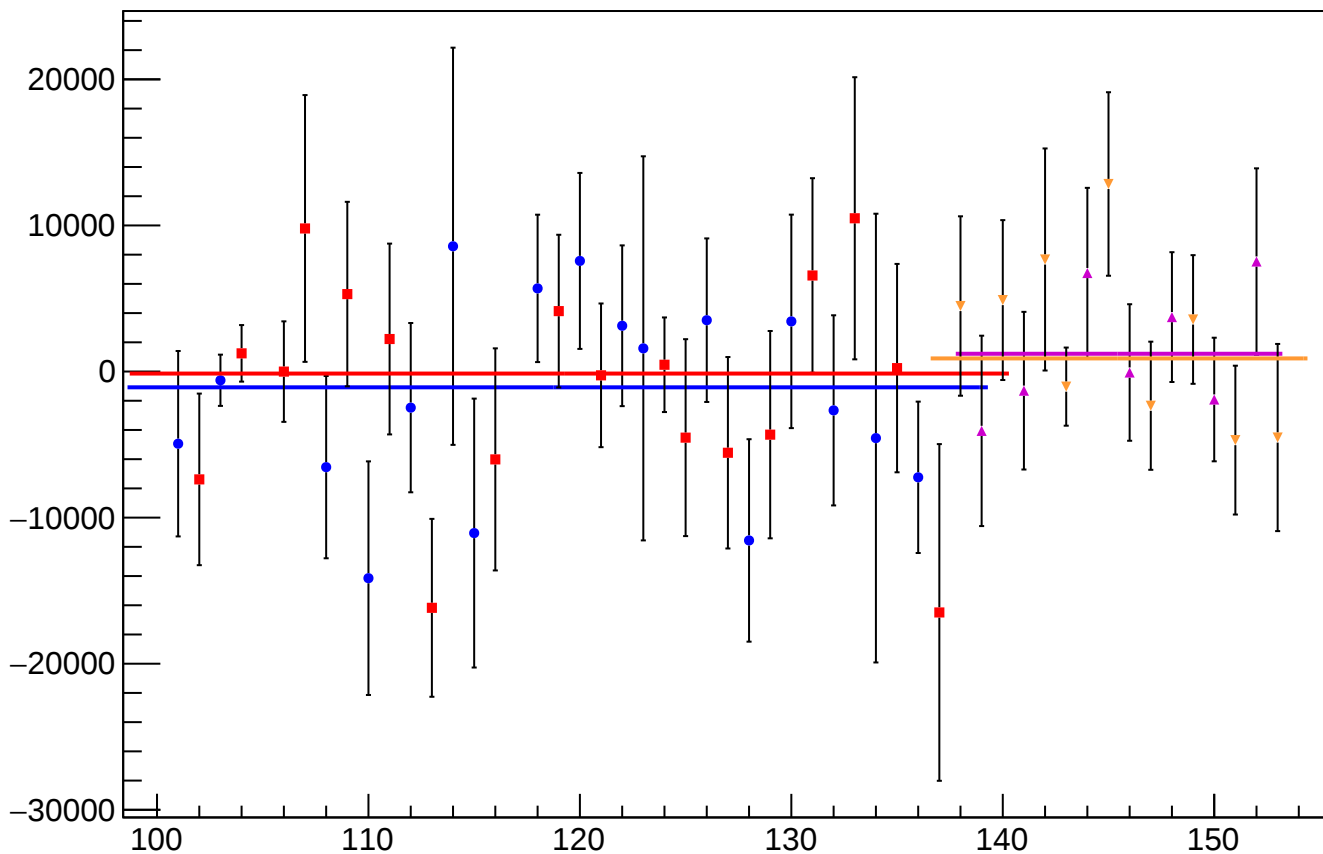
Right: 1362.318 ± 0.268 $\chi^2/\text{NDF}: 1104435.3/34$

In: 1365.425 ± 0.277 $\chi^2/\text{NDF}: 541888.4/23$

Out: 1411.265 ± 0.276 $\chi^2/\text{NDF}: 844129.4/26$

All: 1388.457 ± 0.195 $\chi^2/\text{NDF}: 1399777.7/50$

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 897.592 ± 1563.965 $\chi^2/\text{NDF}: 8.6/8$

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

Left In: 1216.867 ± 1945.304 $\chi^2/\text{NDF}: 3.7/6$

Left: 1022.940 ± 1218.888 $\chi^2/\text{NDF}: 12.3/15$

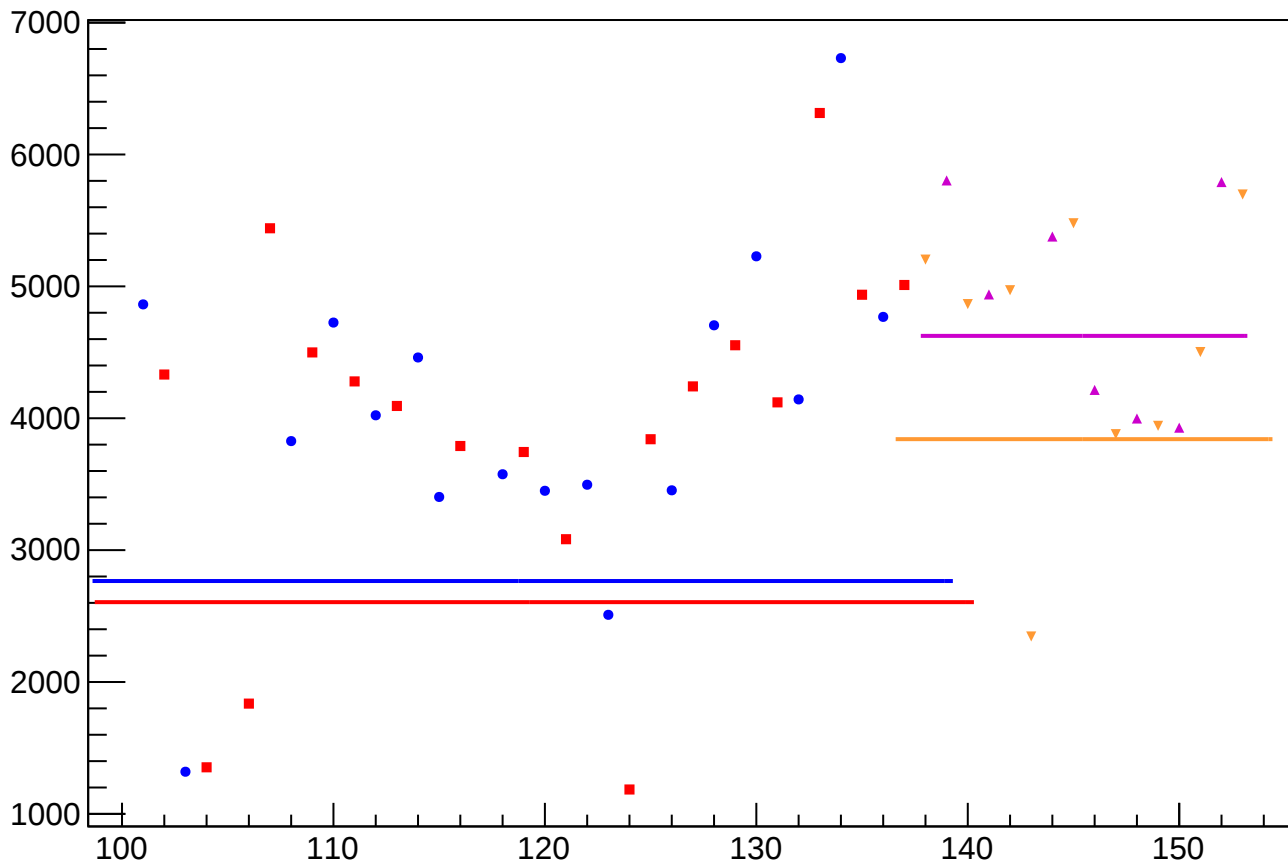
Right: -576.559 ± 826.355 $\chi^2/\text{NDF}: 33.3/34$

In: -438.182 ± 1028.913 $\chi^2/\text{NDF}: 19.7/23$

Out: 216.362 ± 915.574 $\chi^2/\text{NDF}: 27.0/26$

All: -72.887 ± 683.984 $\chi^2/\text{NDF}: 46.9/50$

asym_atl_avg_atr_avg_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 3841.470+/-1.106 χ^2/NDF : 1176959.3/8

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

Left In: 4624.625+/-1.376 χ^2/NDF : 281817.4/6

Left: 4148.939+/-0.862 χ^2/NDF : 1655666.8/15

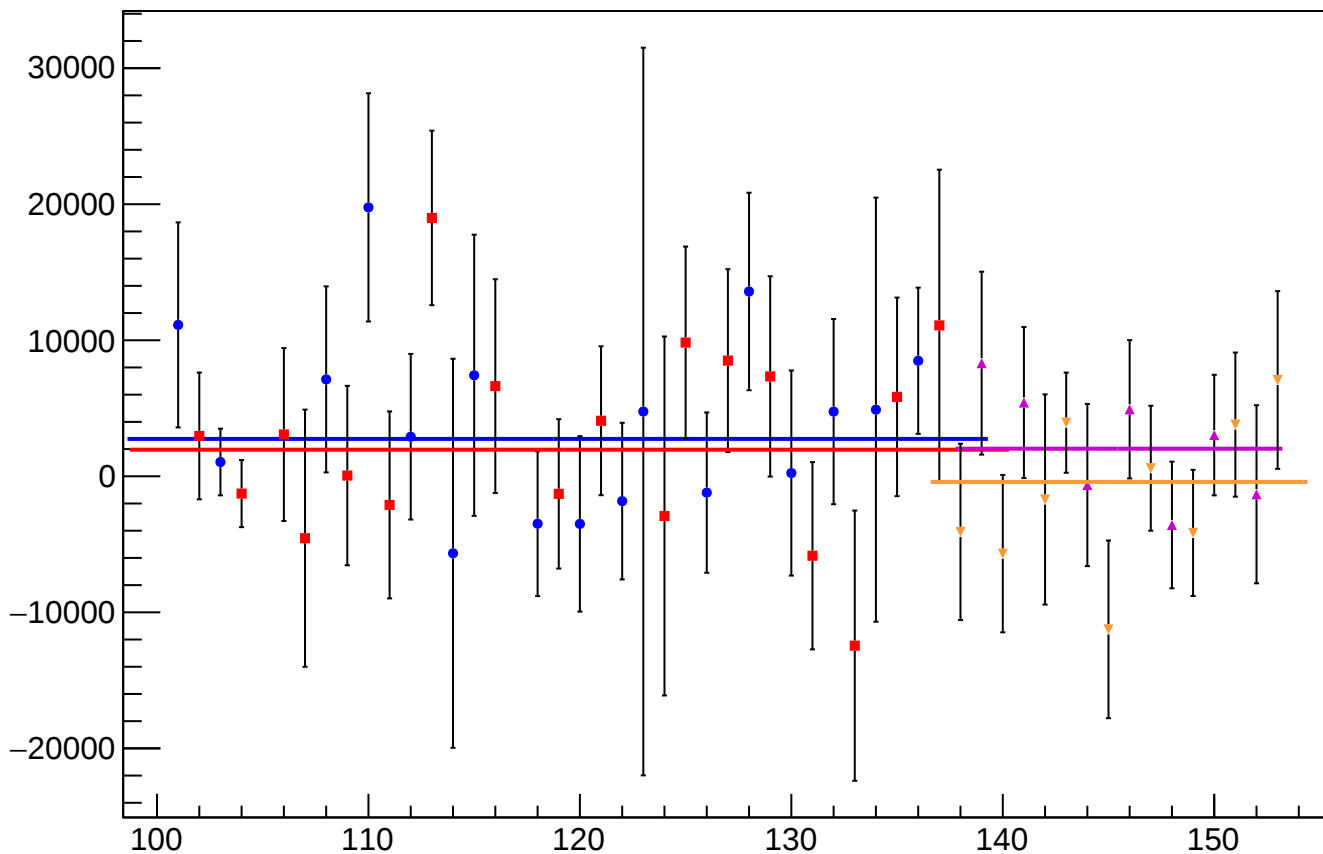
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3285.776+/-0.728 χ^2/NDF : 4536247.7/23

Out: 3029.103+/-0.647 χ^2/NDF : 5320262.0/26

All: 3142.529+/-0.484 χ^2/NDF : 9925969.8/50

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: -413.642+/-1765.631 χ^2/NDF : 8.0/8

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

Left In: 2028.928+/-2033.161 χ^2/NDF : 3.5/6

Left: 636.473+/-1333.113 χ^2/NDF : 12.4/15

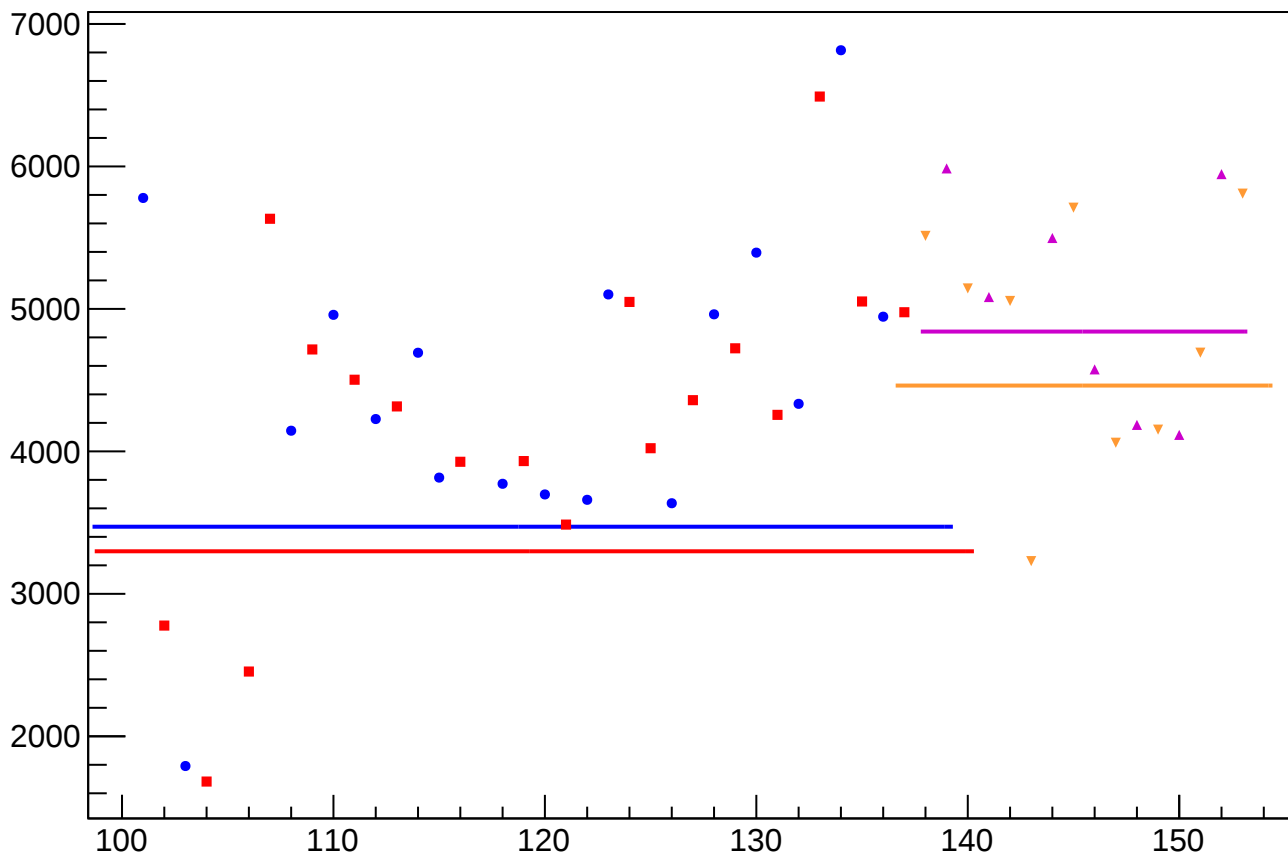
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2506.502+/-1178.717 χ^2/NDF : 17.4/23

Out: 1053.856+/-1089.394 χ^2/NDF : 26.9/26

All: 1723.059+/-800.034 χ^2/NDF : 45.1/50

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: 4461.949+/-1.248 χ^2/NDF : 502801.1/8

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

Left In: 4840.928+/-1.438 χ^2/NDF : 241834.6/6

Left: 4624.881+/-0.943 χ^2/NDF : 784249.8/15

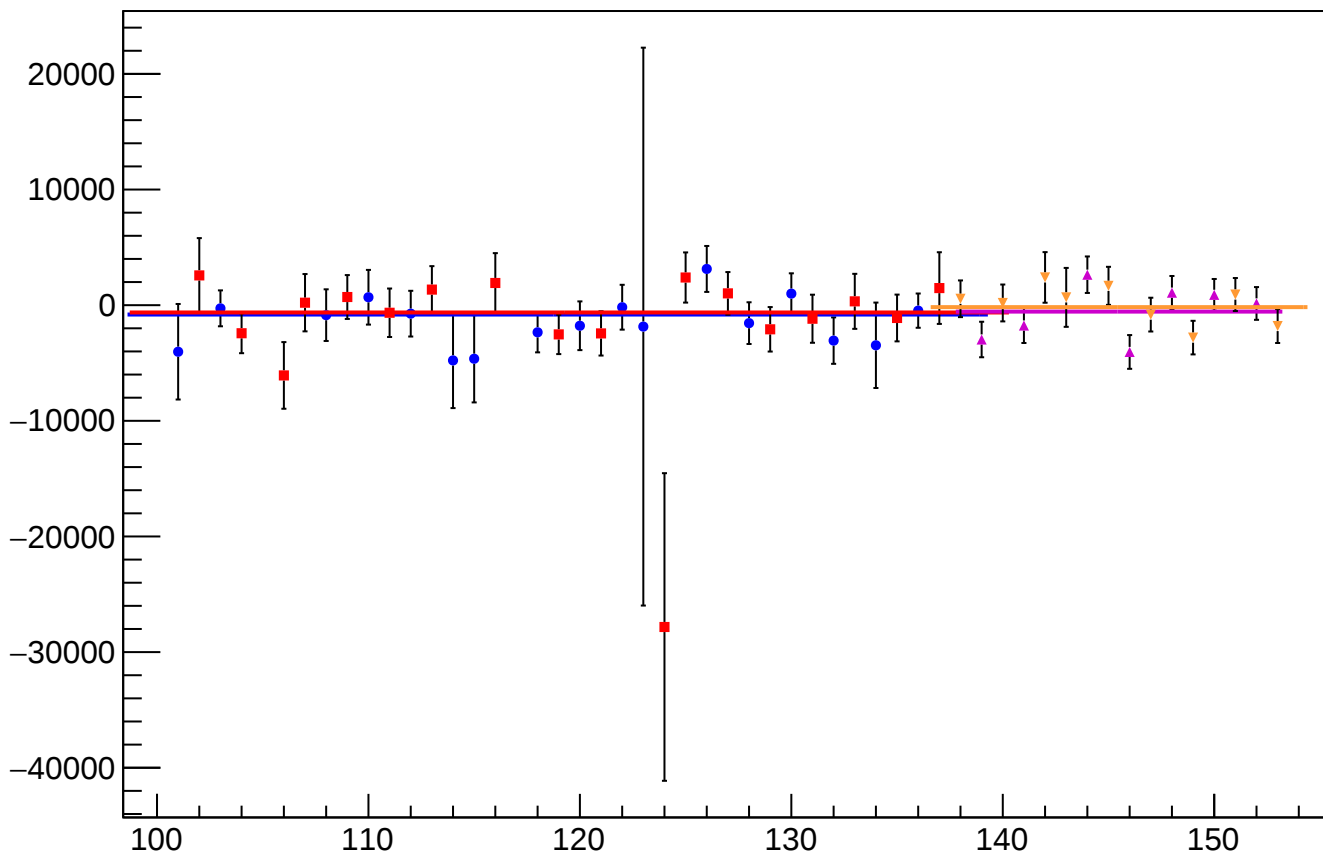
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 3931.527+/-0.833 χ^2/NDF : 2612412.8/23

Out: 3736.466+/-0.766 χ^2/NDF : 2930258.4/26

All: 3825.773+/-0.564 χ^2/NDF : 5572366.8/50

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: -168.946+/-540.602 χ^2/NDF : 8.3/8

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

Left In: -554.988+/-555.076 χ^2/NDF : 15.6/6

Left: -356.869+/-387.279 χ^2/NDF : 24.1/15

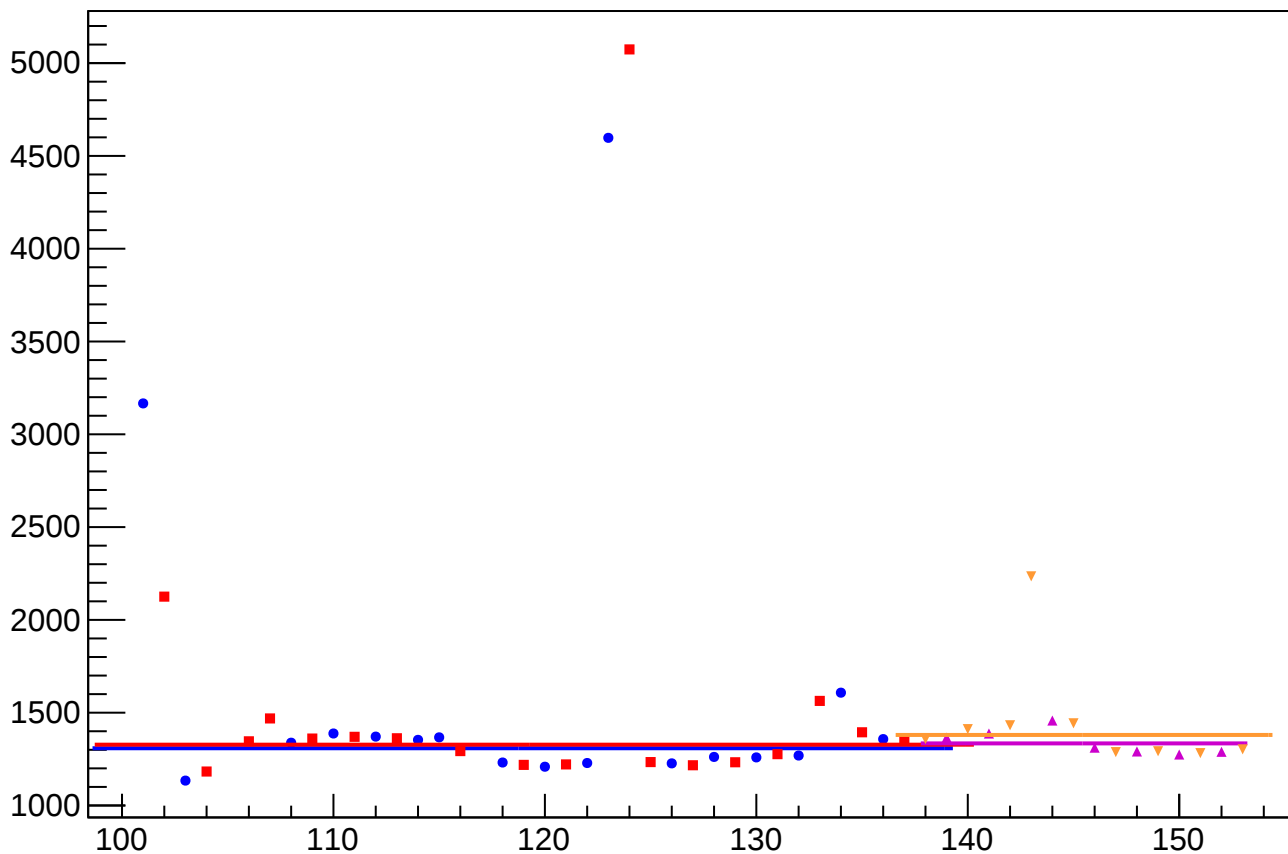
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -690.723+/-378.785 χ^2/NDF : 26.9/23

Out: -411.021+/-372.856 χ^2/NDF : 27.3/26

All: -548.666+/-265.721 χ^2/NDF : 54.4/50

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: 1380.098 $\pm$ 0.382 χ^2 /NDF:260549.9/8

Right Out: 1327.647 $\pm$ 0.364 χ^2 /NDF: 357330.6/17

Left In: 1334.519 $\pm$ 0.392 χ^2 /NDF:23671.4/6

Left: 1357.911 $\pm$ 0.274 χ^2 /NDF: 291141.8/15

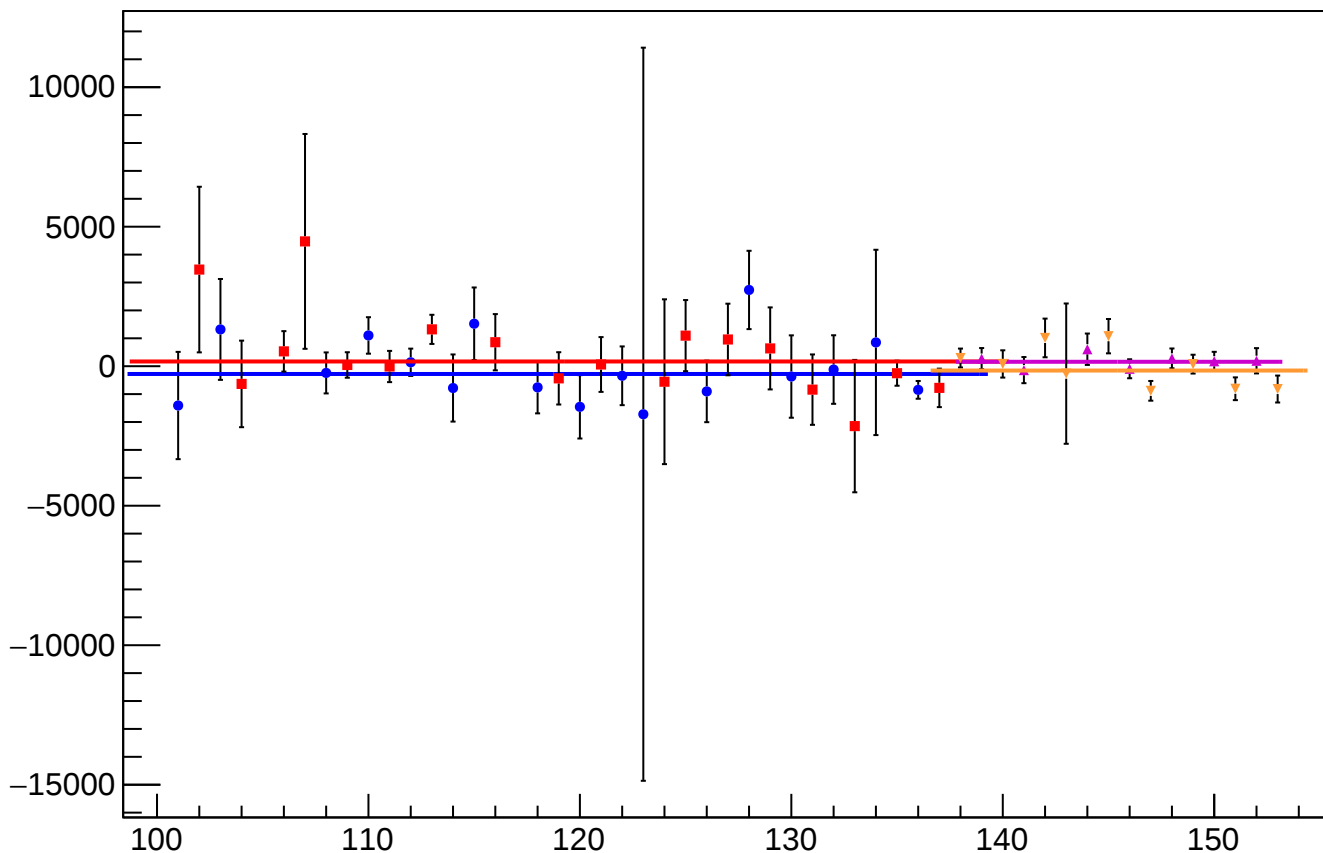
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1320.545 $\pm$ 0.268 χ^2 /NDF:532588.7/23

Out: 1352.597 $\pm$ 0.264 χ^2 /NDF:627751.9/26

All: 1336.824 $\pm$ 0.188 χ^2 /NDF: 1167613.7/50

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: -155.303+/-149.202 χ^2/NDF : 18.0/8

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

Left In: 158.447+/-149.256 χ^2/NDF : 1.8/6

Left: 1.515+/-105.521 χ^2/NDF : 22.0/15

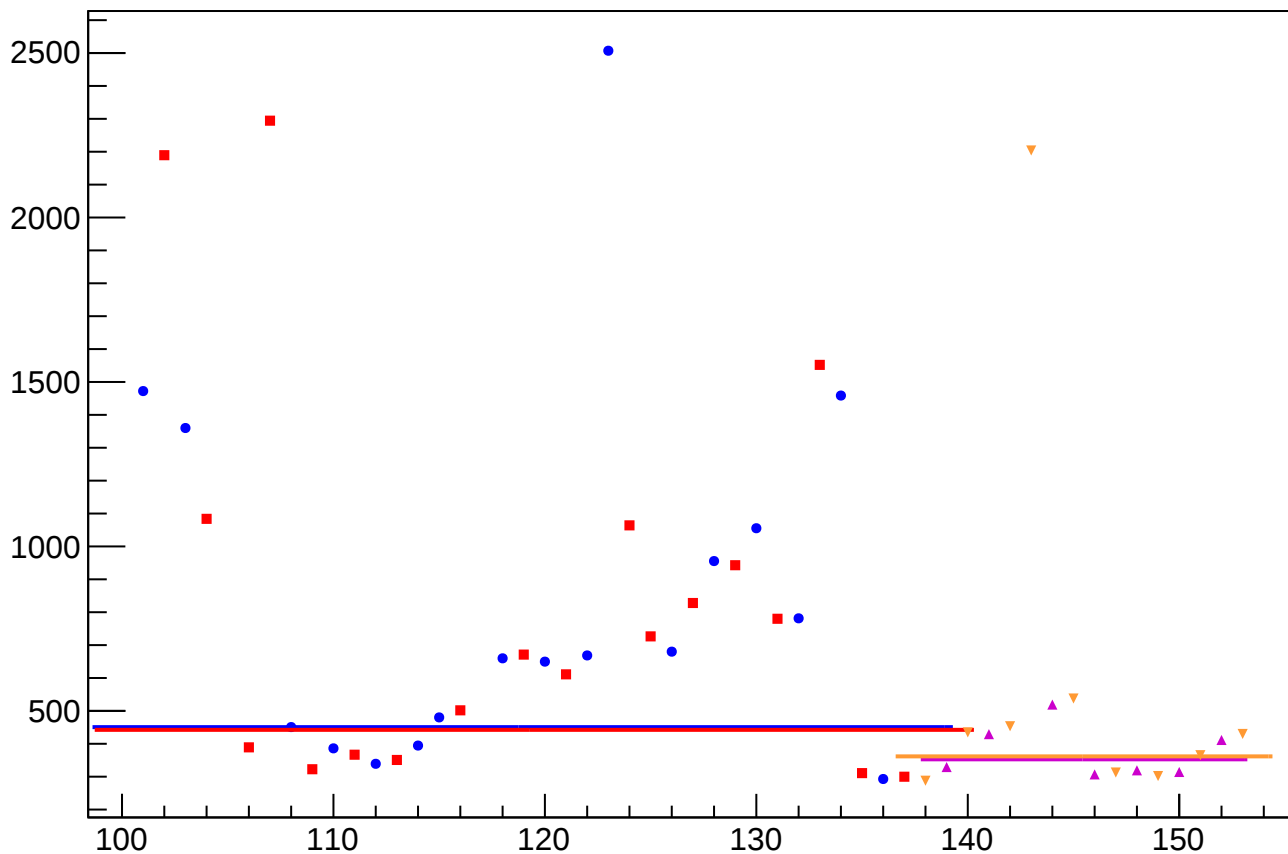
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 0.171+/-119.213 χ^2/NDF : 23.0/23

Out: -33.357+/-117.924 χ^2/NDF : 34.1/26

All: -16.775+/-83.837 χ^2/NDF : 57.1/50

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 361.705+/-0.106 χ^2/NDF :1553743.5/8

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

Left In: 352.725+/-0.106 χ^2/NDF :349795.2/6

Left: 357.217+/-0.075 χ^2/NDF : 1907160.4/15

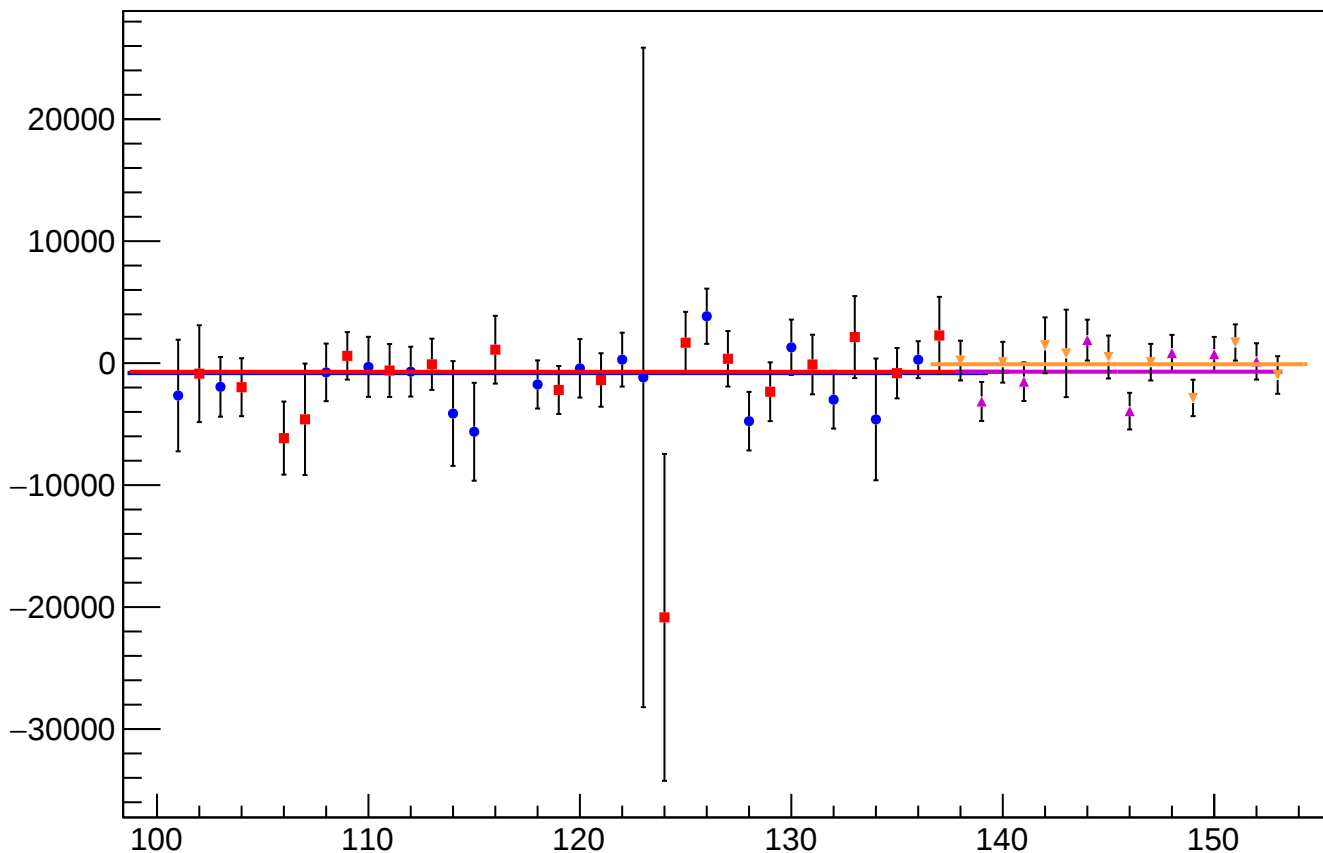
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 388.160+/-0.084 χ^2/NDF :3658879.6/23

Out: 391.980+/-0.083 χ^2/NDF :5141464.6/26

All: 390.090+/-0.059 χ^2/NDF : 8801382.1/50

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



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

Left Out: -89.330+/-568.527 χ^2/NDF : 5.9/8

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

Left In: -701.424+/-577.636 χ^2/NDF : 12.1/6

Left: -390.513+/-405.191 χ^2/NDF : 18.5/15

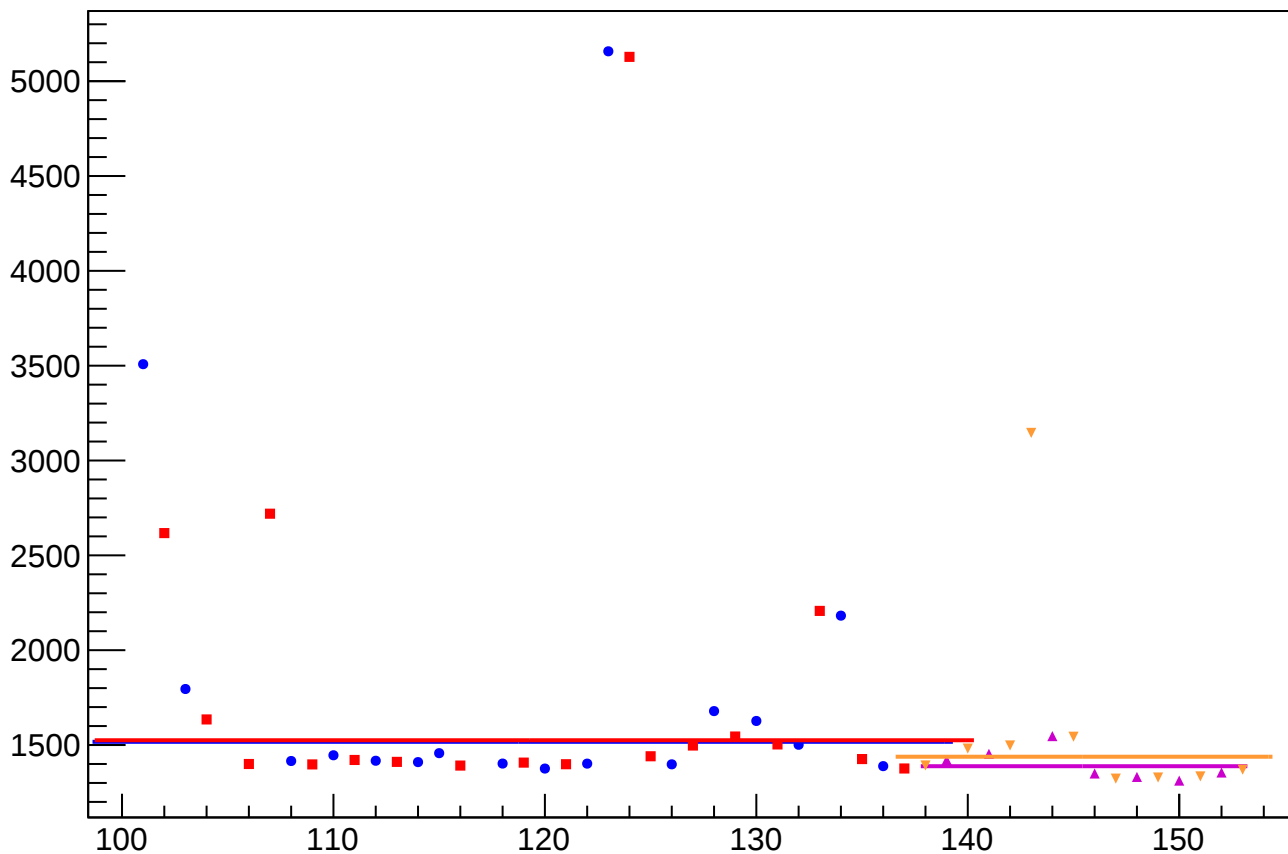
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -756.961+/-416.515 χ^2/NDF : 24.8/23

Out: -385.292+/-411.400 χ^2/NDF : 17.9/26

All: -568.830+/-292.695 χ^2/NDF : 43.0/50

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: 1438.267+/-0.402 χ^2/NDF : 501723.8/8

Right Out: 1525.099+/-0.421 χ^2/NDF : 571929.2/17

Left In: 1388.269+/-0.408 χ^2/NDF : 33197.7/6

Left: 1413.665+/-0.287 χ^2/NDF : 542532.5/15

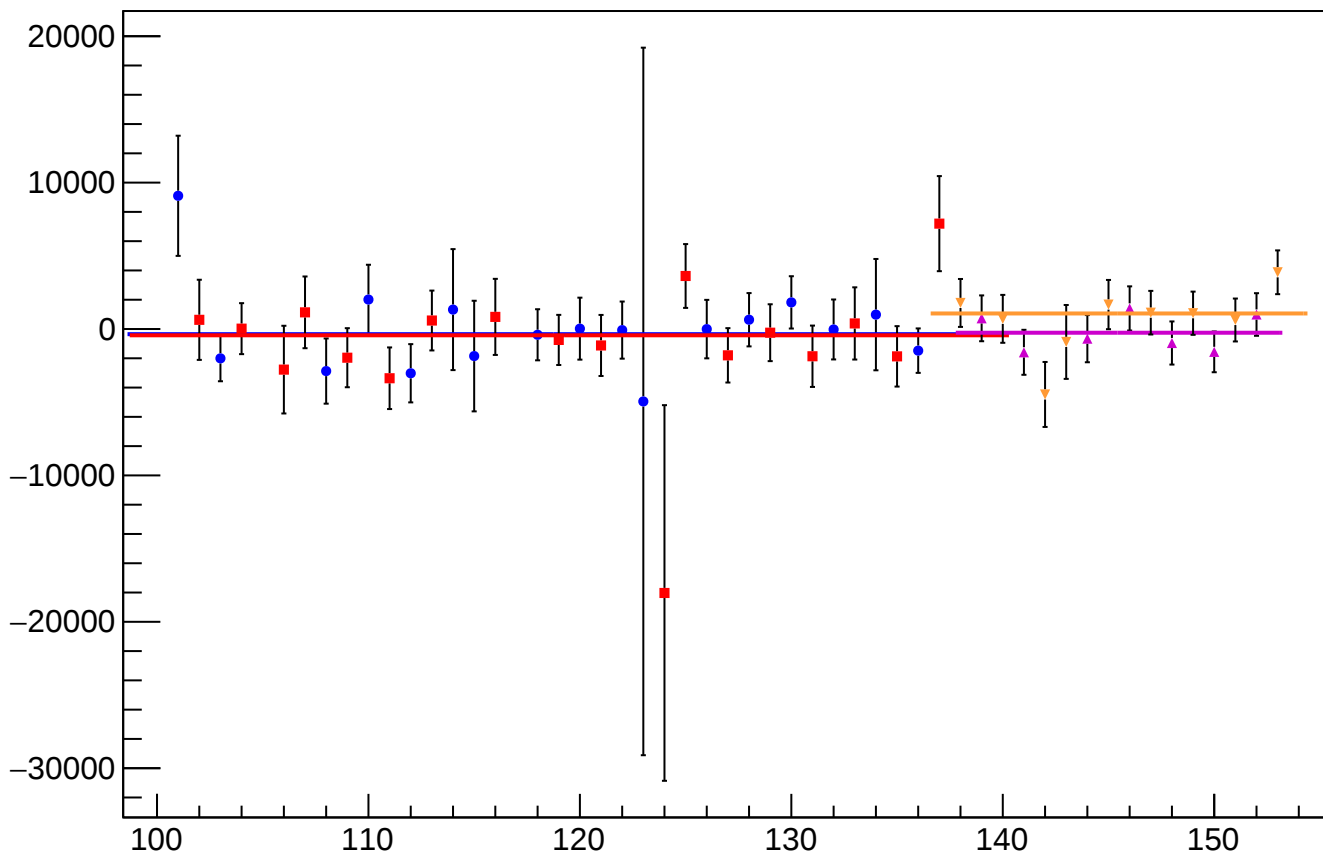
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1450.037+/-0.295 χ^2/NDF : 621874.8/23

Out: 1479.631+/-0.291 χ^2/NDF : 1095877.8/26

All: 1465.017+/-0.207 χ^2/NDF : 1722863.6/50

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: 1061.701+/-551.920 χ^2/NDF : 10.8/8

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

Left In: -254.426+/-567.439 χ^2/NDF : 4.3/6

Left: 421.880+/-395.639 χ^2/NDF : 17.8/15

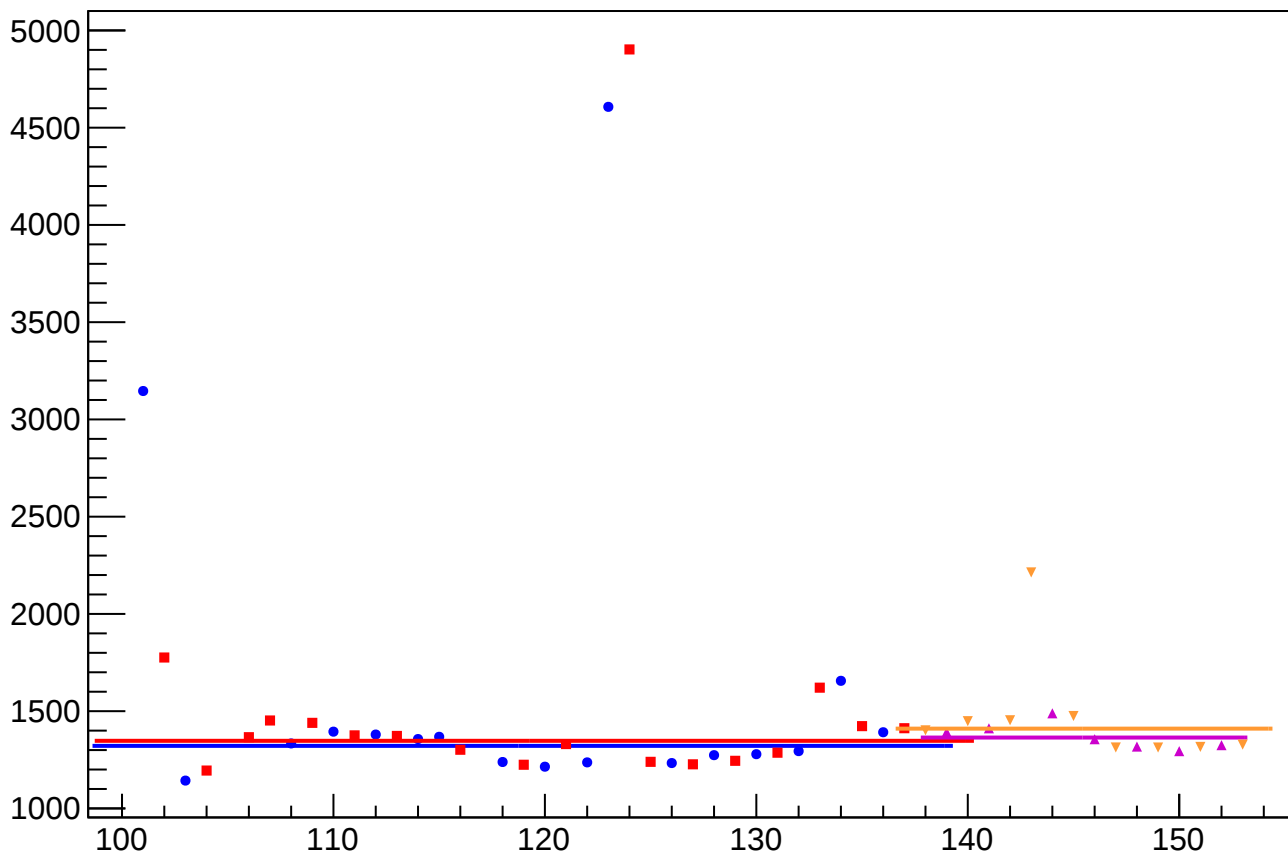
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -307.764+/-384.698 χ^2/NDF : 17.7/23

Out: 275.248+/-379.377 χ^2/NDF : 31.5/26

All: -12.198+/-270.122 χ^2/NDF : 50.4/50

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: 1410.260 $\pm$ 0.390 χ^2 /NDF: 238807.3/8

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

Left In: 1364.376 $\pm$ 0.401 χ^2 /NDF: 23058.1/6

Left: 1387.954 $\pm$ 0.280 χ^2 /NDF: 268585.2/15

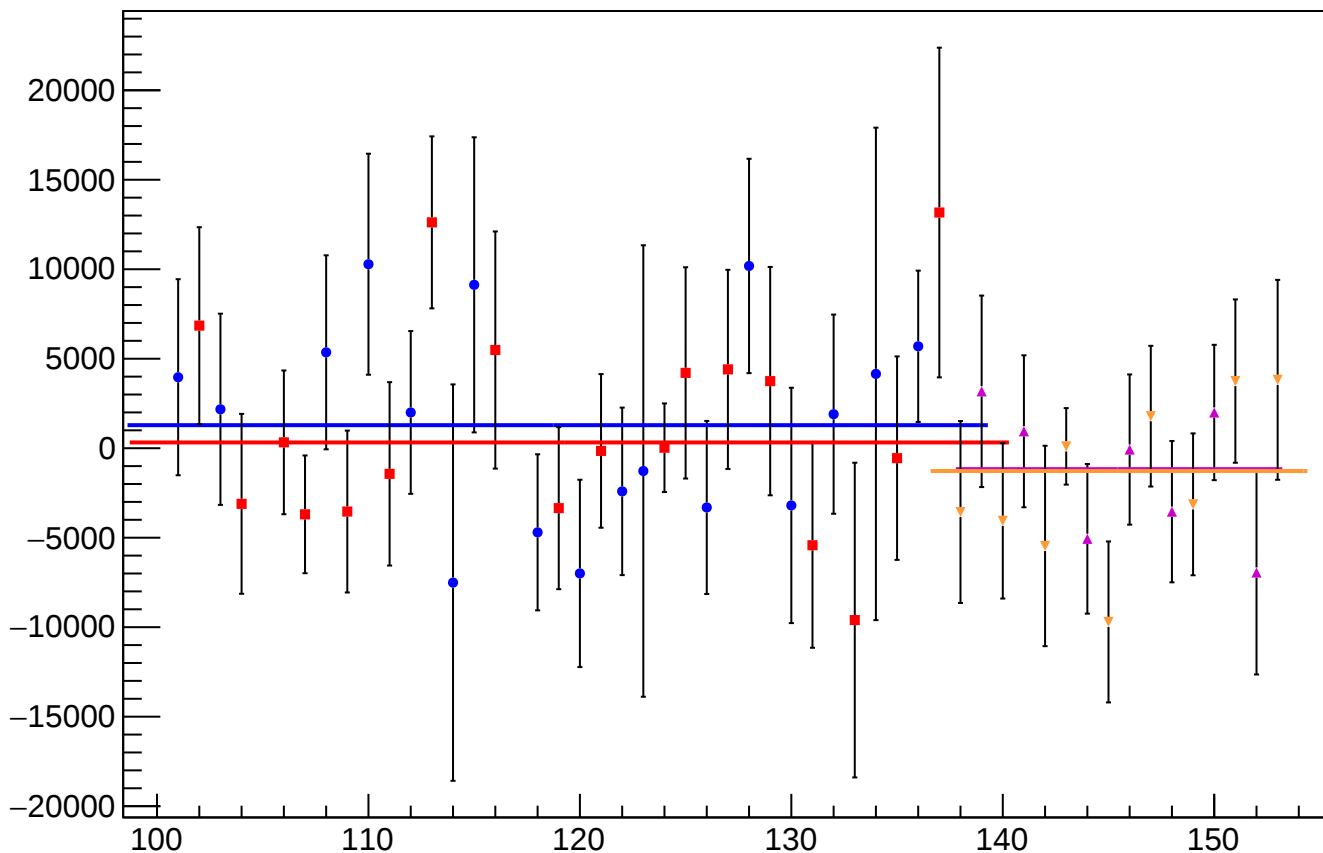
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1341.316 $\pm$ 0.272 χ^2 /NDF: 531416.2/23

Out: 1377.213 $\pm$ 0.268 χ^2 /NDF: 538694.0/26

All: 1359.520 $\pm$ 0.191 χ^2 /NDF: 1078941.1/50

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: -1275.669+/-1290.578 χ^2/NDF : 8.0/8

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

Left In: -1170.201+/-1645.507 χ^2/NDF : 3.9/6

Left: -1235.501+/-1015.501 χ^2/NDF : 11.9/15

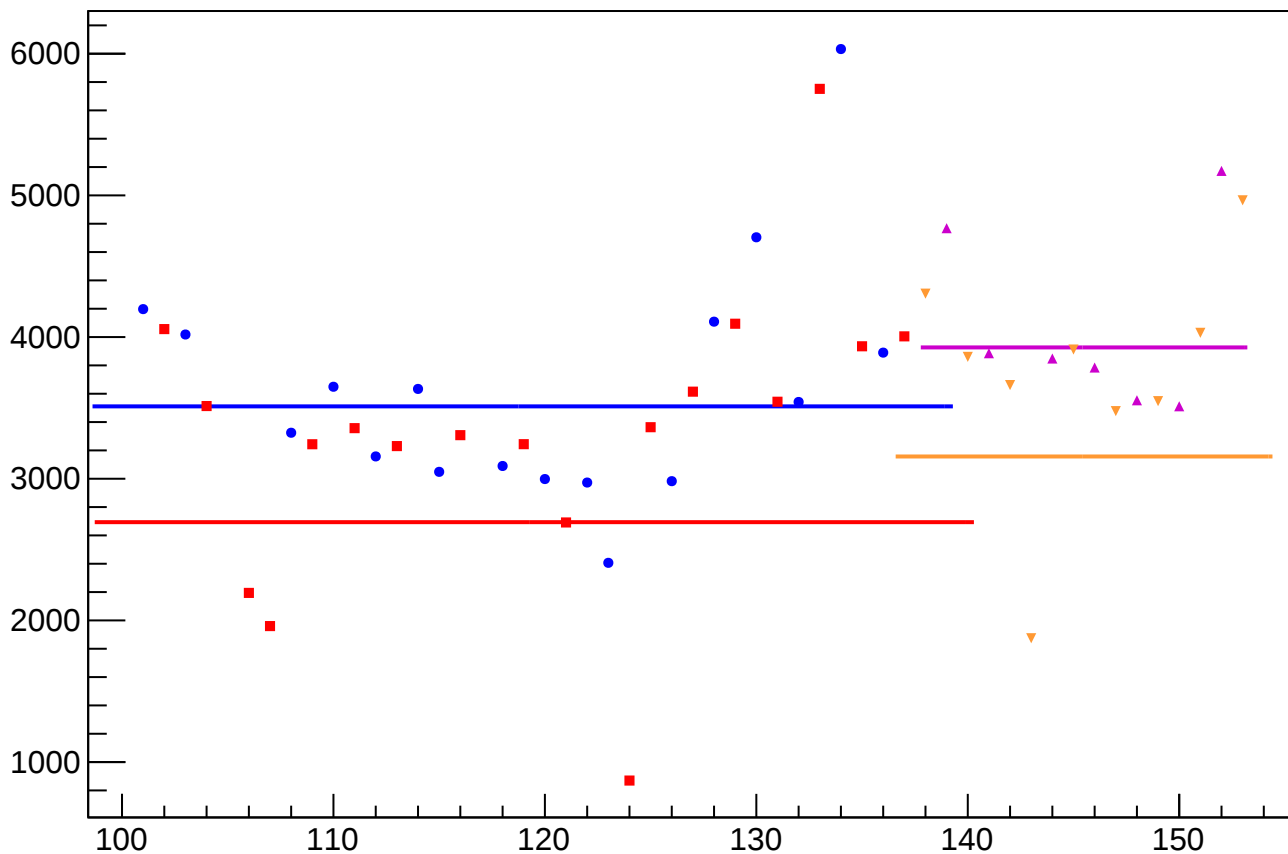
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 276.261+/-1055.508 χ^2/NDF : 19.5/23

Out: -354.499+/-839.621 χ^2/NDF : 26.4/26

All: -110.053+/-657.085 χ^2/NDF : 46.2/50

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: 3157.086 $\pm$ 0.913 χ^2 /NDF:1263122.3/8

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

Left In: 3926.882 $\pm$ 1.164 χ^2 /NDF:190331.4/6

Left: 3450.268 $\pm$ 0.718 χ^2 /NDF: 1724456.5/15

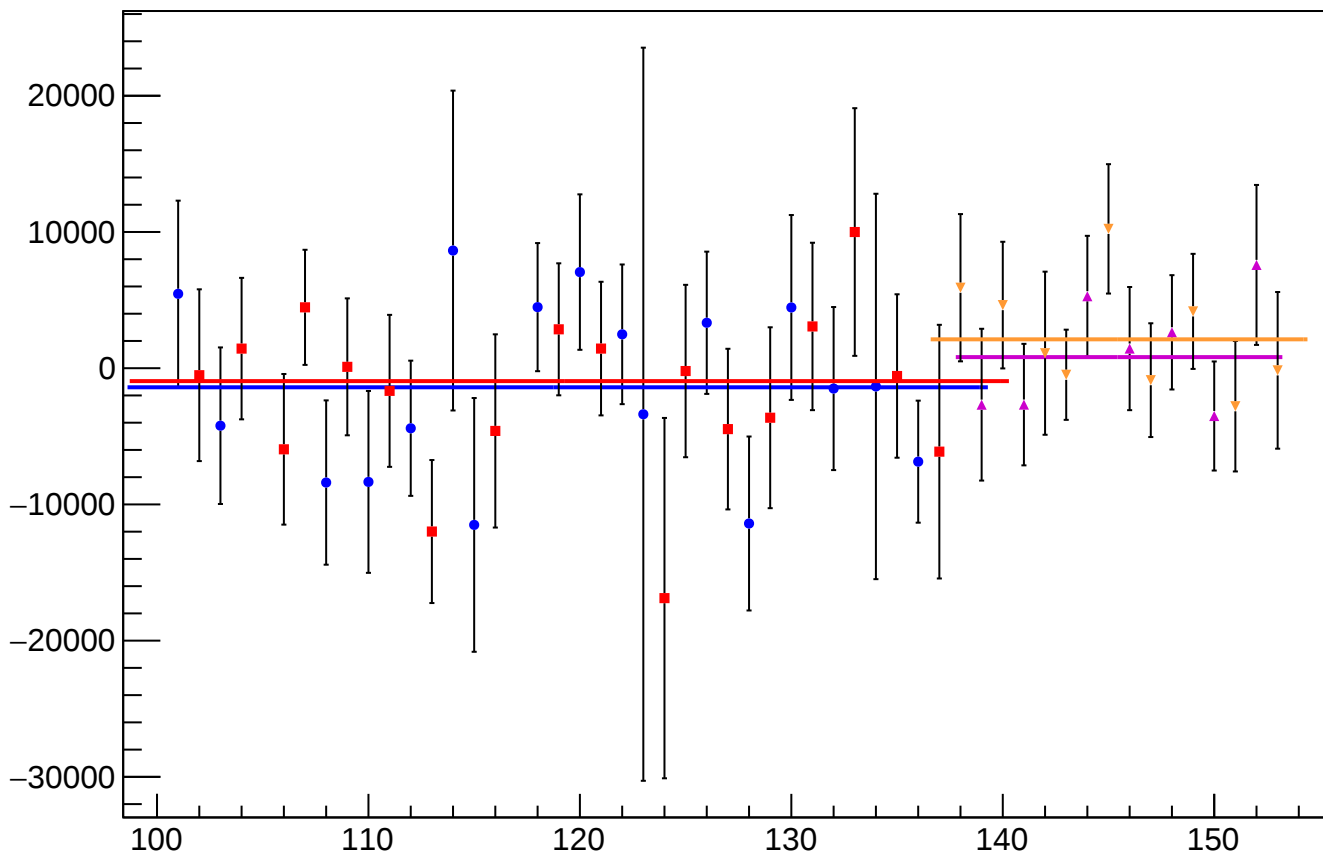
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3681.999 $\pm$ 0.746 χ^2 /NDF:609647.0/23

Out: 2889.715 $\pm$ 0.594 χ^2 /NDF:3537799.0/26

All: 3196.759 $\pm$ 0.465 χ^2 /NDF: 4837597.5/50

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: 2119.186 $\pm$ 1522.798 χ^2 /NDF:6.3/8

Right Out: -947.960 $\pm$ 1382.709 χ^2 /NDF: 12.5/17

Left In: 814.520 $\pm$ 1739.508 χ^2 /NDF:4.7/6

Left: 1553.139 $\pm$ 1145.785 χ^2 /NDF: 11.3/15

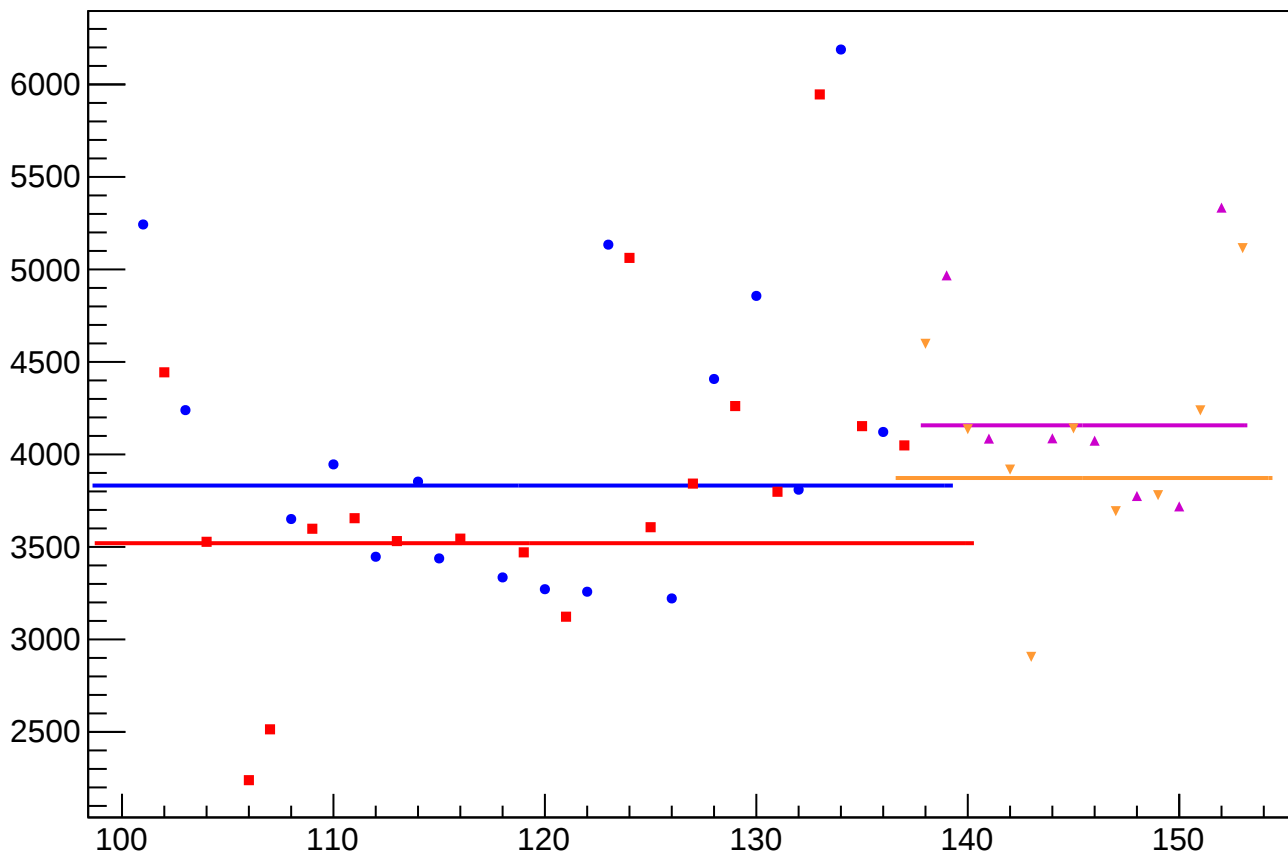
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -453.408 $\pm$ 1137.777 χ^2 /NDF:21.4/23

Out: 438.074 $\pm$ 1023.675 χ^2 /NDF:21.0/26

All: 39.263 $\pm$ 760.999 χ^2 /NDF: 42.8/50

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: 3872.547+/-1.077 χ^2/NDF : 329208.4/8

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

Left In: 4157.277+/-1.230 χ^2/NDF : 164892.4/6

Left: 3996.081+/-0.810 χ^2/NDF : 524437.1/15

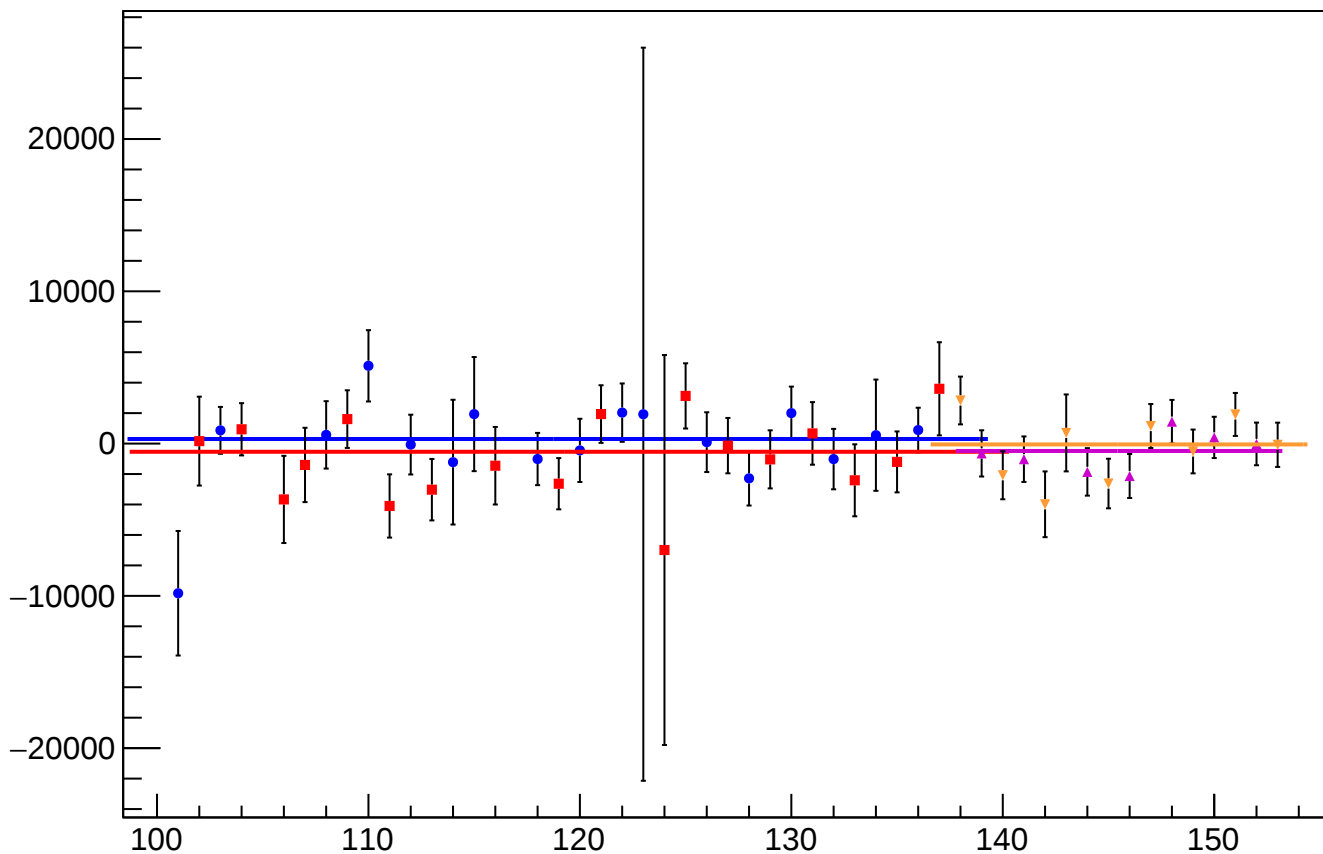
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 3971.052+/-0.805 χ^2/NDF : 542659.4/23

Out: 3677.817+/-0.720 χ^2/NDF : 932530.7/26

All: 3808.268+/-0.537 χ^2/NDF : 1548939.1/50

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -55.784 ± 534.875 $\chi^2/\text{NDF}: 13.7/8$

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

Left In: -485.256 ± 548.981 $\chi^2/\text{NDF}: 4.6/6$

Left: -264.931 ± 383.104 $\chi^2/\text{NDF}: 18.6/15$

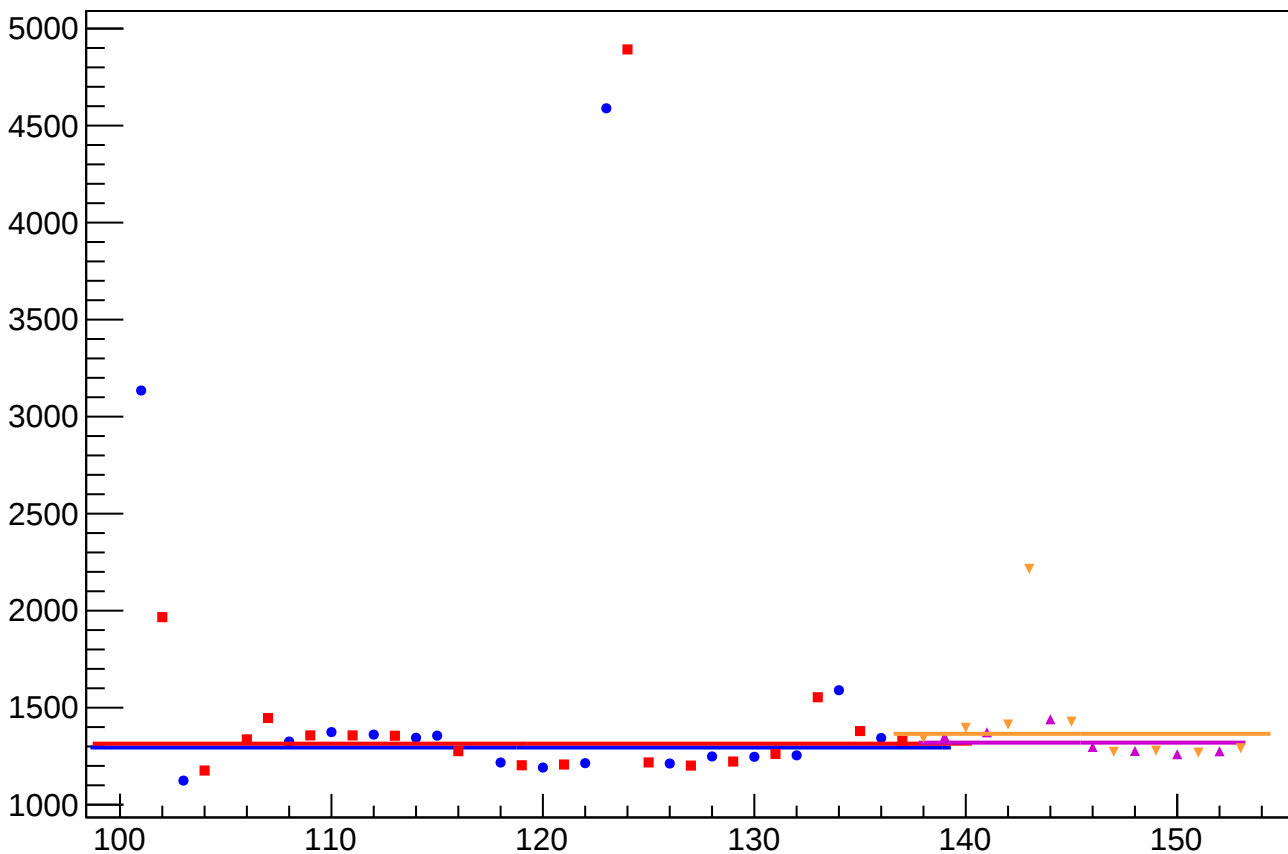
Right: -121.291 ± 361.152 $\chi^2/\text{NDF}: 34.9/34$

In: -64.876 ± 374.756 $\chi^2/\text{NDF}: 21.7/23$

Out: -308.843 ± 368.606 $\chi^2/\text{NDF}: 31.6/26$

All: -188.878 ± 262.791 $\chi^2/\text{NDF}: 53.5/50$

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: 1365.322+/-0.378 χ^2/NDF : 261736.7/8

Right Out: 1314.588+/-0.360 χ^2/NDF : 333838.6/17

Left In: 1319.879+/-0.388 χ^2/NDF : 23433.7/6

Left: 1343.192+/-0.271 χ^2/NDF : 292200.7/15

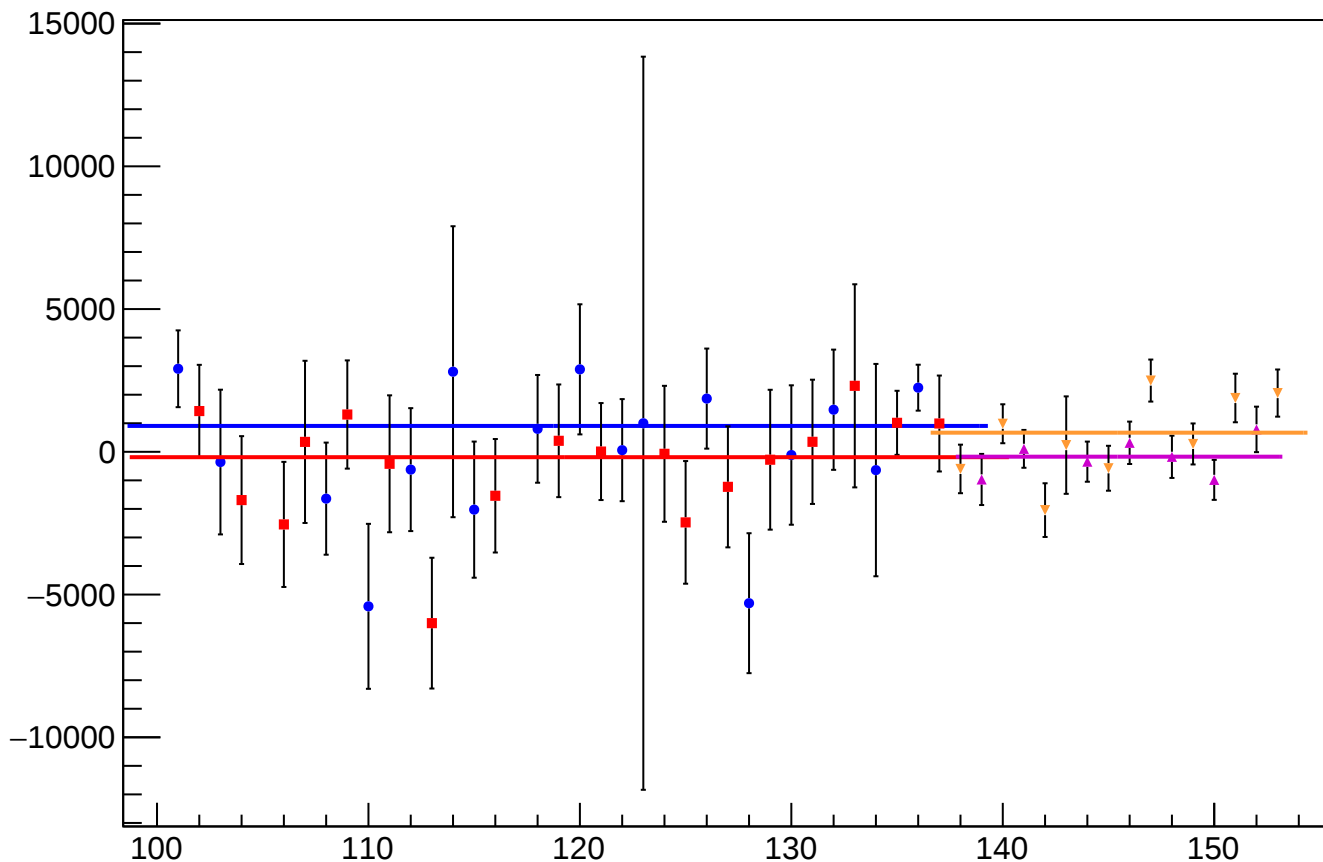
Right: 1304.740+/-0.255 χ^2/NDF : 843154.3/34

In: 1306.449+/-0.265 χ^2/NDF : 533479.1/23

Out: 1338.683+/-0.261 χ^2/NDF : 605023.6/26

All: 1322.833+/-0.186 χ^2/NDF : 1146023.2/50

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688+/-455.840 χ^2/NDF : 22.0/16

Left Out: 670.313+/-274.716 χ^2/NDF : 24.6/8

Right Out: -188.170+/-464.537 χ^2/NDF : 13.8/17

Left In: -170.688+/-279.515 χ^2/NDF : 4.2/6

Left: 257.094+/-195.928 χ^2/NDF : 33.5/15

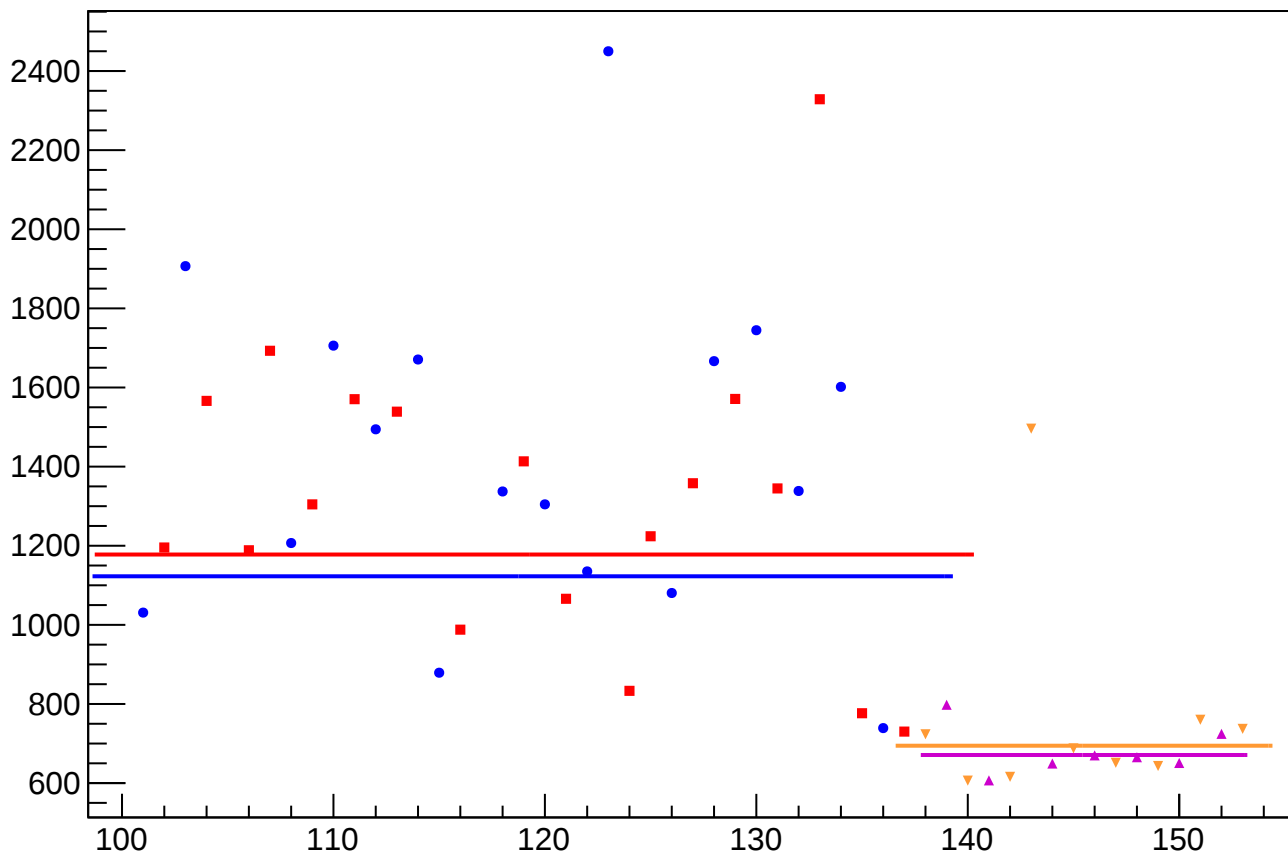
Right: 369.604+/-325.359 χ^2/NDF : 38.7/34

In: 123.710+/-238.285 χ^2/NDF : 30.3/23

Out: 447.873+/-236.462 χ^2/NDF : 41.0/26

All: 287.036+/-167.845 χ^2/NDF : 72.2/50

asym_atl_dd_atr_dd_dd_correction_rms vs Slug, Sign Corrected



Right In: 1122.773+/-0.322 χ^2/NDF : 1187996.4/16

Left Out: 694.498+/-0.194 χ^2/NDF : 525168.0/8

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 671.033+/-0.198 χ^2/NDF : 71640.0/6

Left: 682.968+/-0.139 χ^2/NDF : 603977.5/15

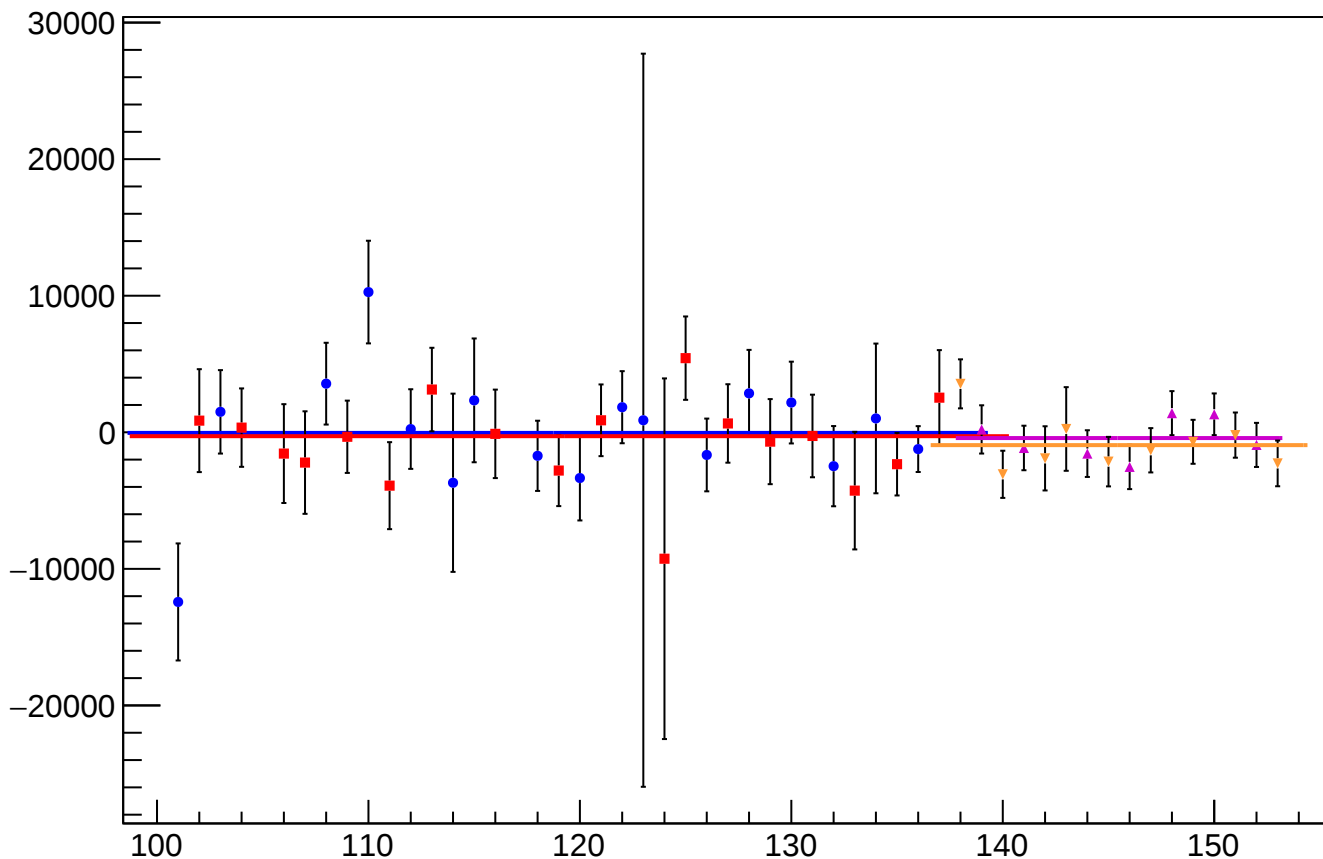
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 794.473+/-0.168 χ^2/NDF : 2687100.4/23

Out: 819.725+/-0.167 χ^2/NDF : 3150777.7/26

All: 807.196+/-0.119 χ^2/NDF : 5849194.7/50

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -44.367+/-747.588 χ^2/NDF : 23.2/16

Left Out: -939.925+/-605.639 χ^2/NDF : 9.5/8

Right Out: -285.373+/-735.391 χ^2/NDF : 10.6/17

Left In: -422.168+/-618.538 χ^2/NDF : 5.1/6

Left: -686.501+/-432.740 χ^2/NDF : 14.9/15

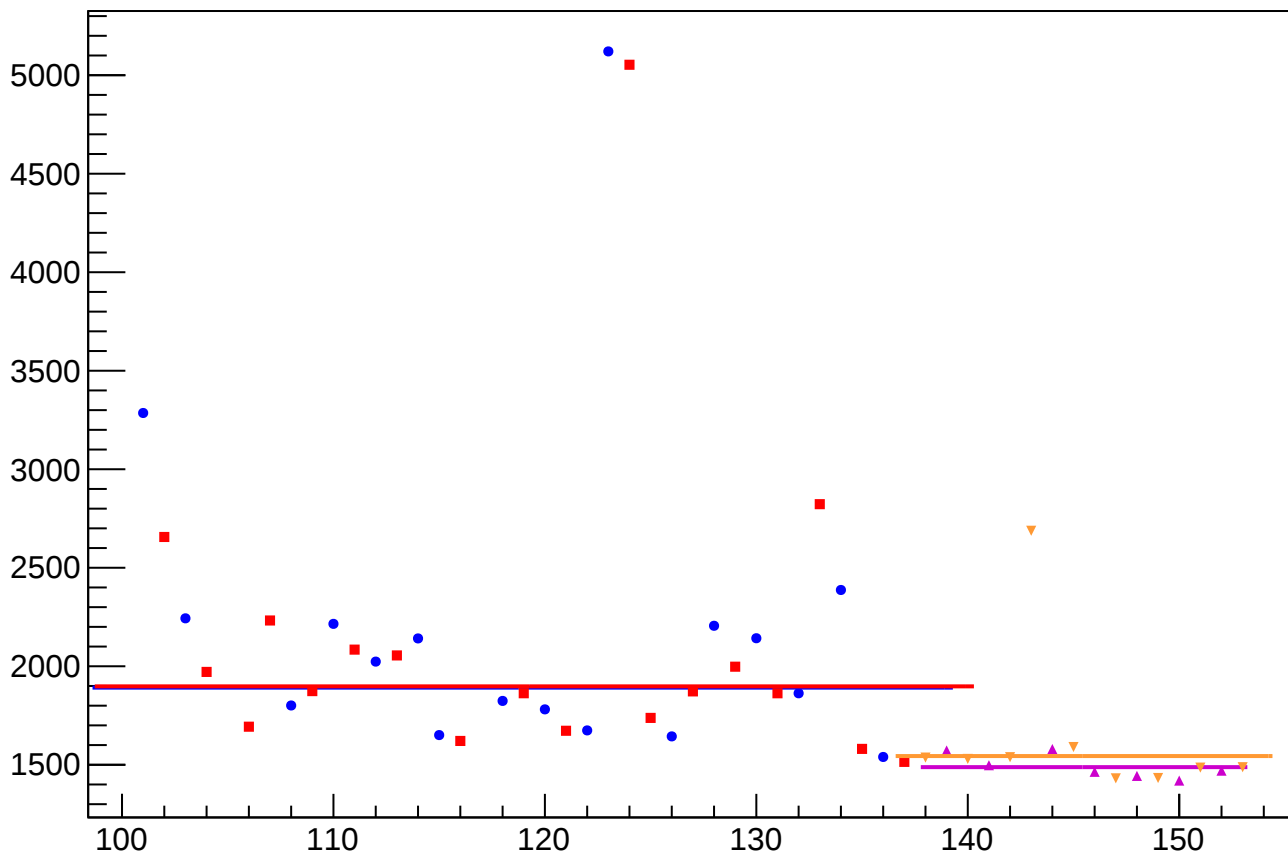
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -268.640+/-476.567 χ^2/NDF : 28.5/23

Out: -675.393+/-467.504 χ^2/NDF : 20.5/26

All: -475.921+/-333.733 χ^2/NDF : 49.4/50

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: 1544.257+/-0.428 χ^2/NDF :304421.8/8

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1488.047+/-0.437 χ^2/NDF :16638.8/6

Left: 1516.744+/-0.306 χ^2/NDF : 329492.9/15

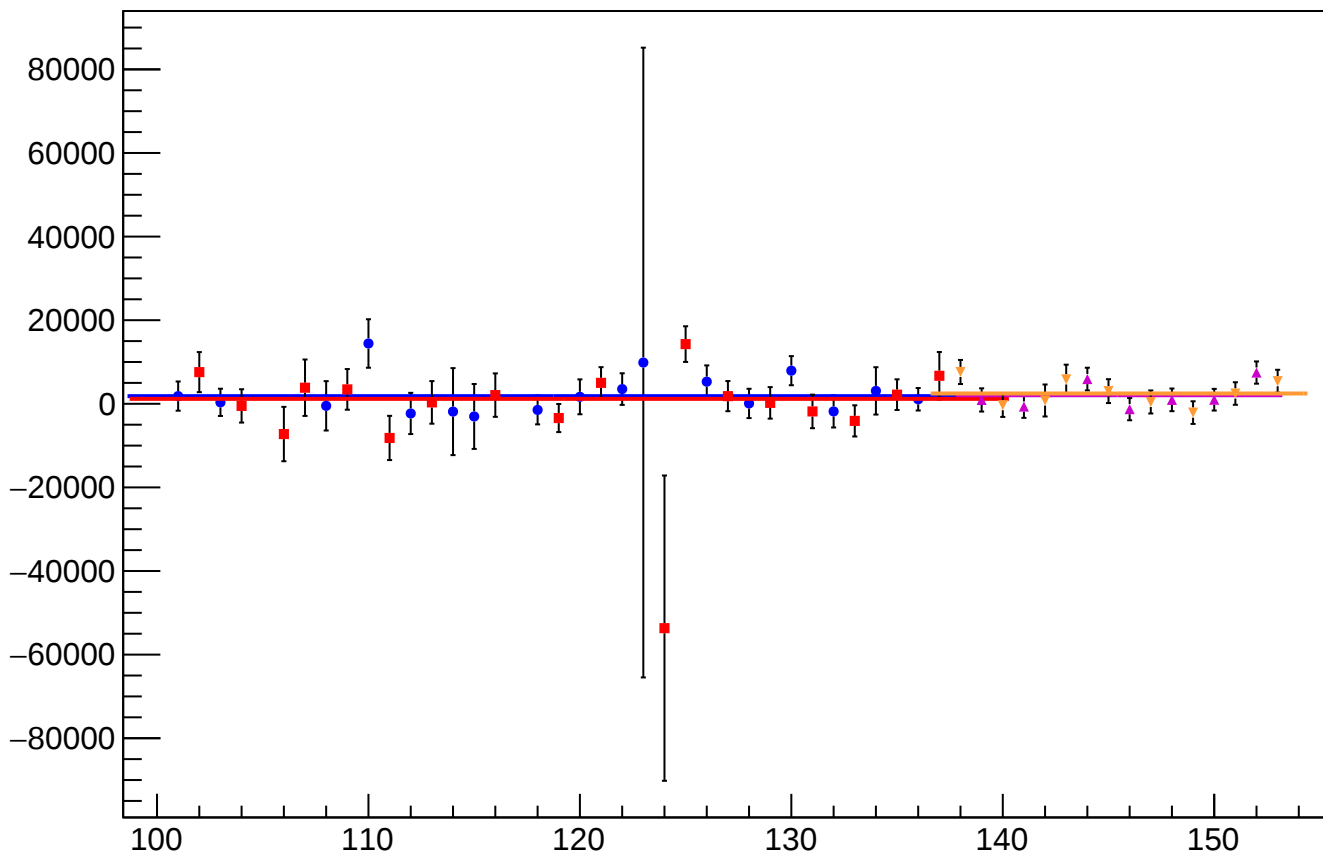
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1652.068+/-0.337 χ^2/NDF :831802.3/23

Out: 1687.226+/-0.331 χ^2/NDF :1003885.3/26

All: 1669.984+/-0.236 χ^2/NDF : 1841234.5/50

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042 $\pm$ 1010.167 χ^2 /NDF: 12.6/16

Left Out: 2463.242 $\pm$ 971.917 χ^2 /NDF:9.9/8

Right Out: 1182.804 $\pm$ 1049.924 χ^2 /NDF: 25.5/17

Left In: 2045.943 $\pm$ 1015.438 χ^2 /NDF:9.3/6

Left: 2263.726 $\pm$ 702.131 χ^2 /NDF: 19.2/15

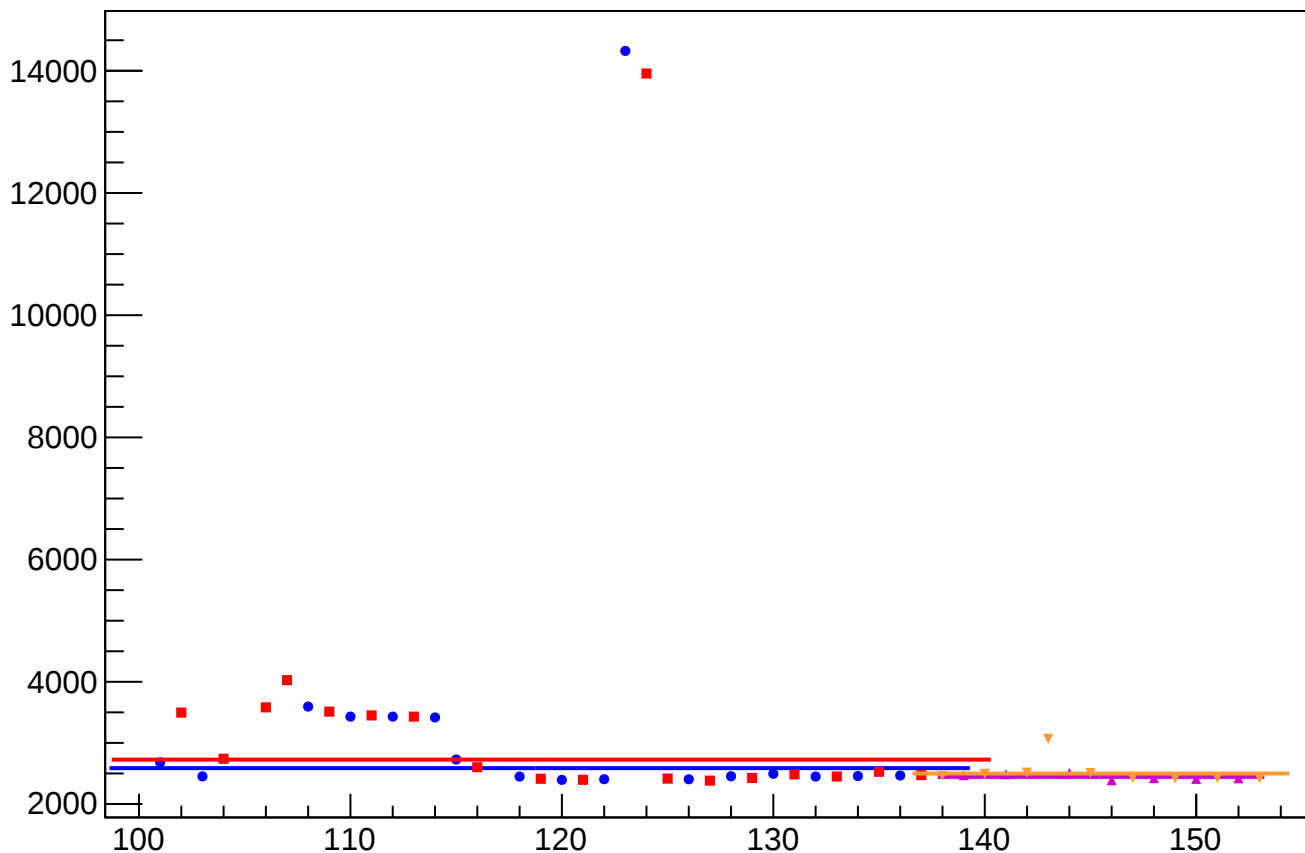
Right: 1516.312 $\pm$ 727.946 χ^2 /NDF: 38.2/34

In: 1934.918 $\pm$ 716.152 χ^2 /NDF:21.8/23

Out: 1872.351 $\pm$ 713.234 χ^2 /NDF:36.1/26

All: 1903.507 $\pm$ 505.361 χ^2 /NDF: 58.0/50

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2499.104+/-0.687 χ^2/NDF : 58789.3/8

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2443.849+/-0.718 χ^2/NDF : 3162.1/6

Left: 2472.686+/-0.496 χ^2/NDF : 65042.0/15

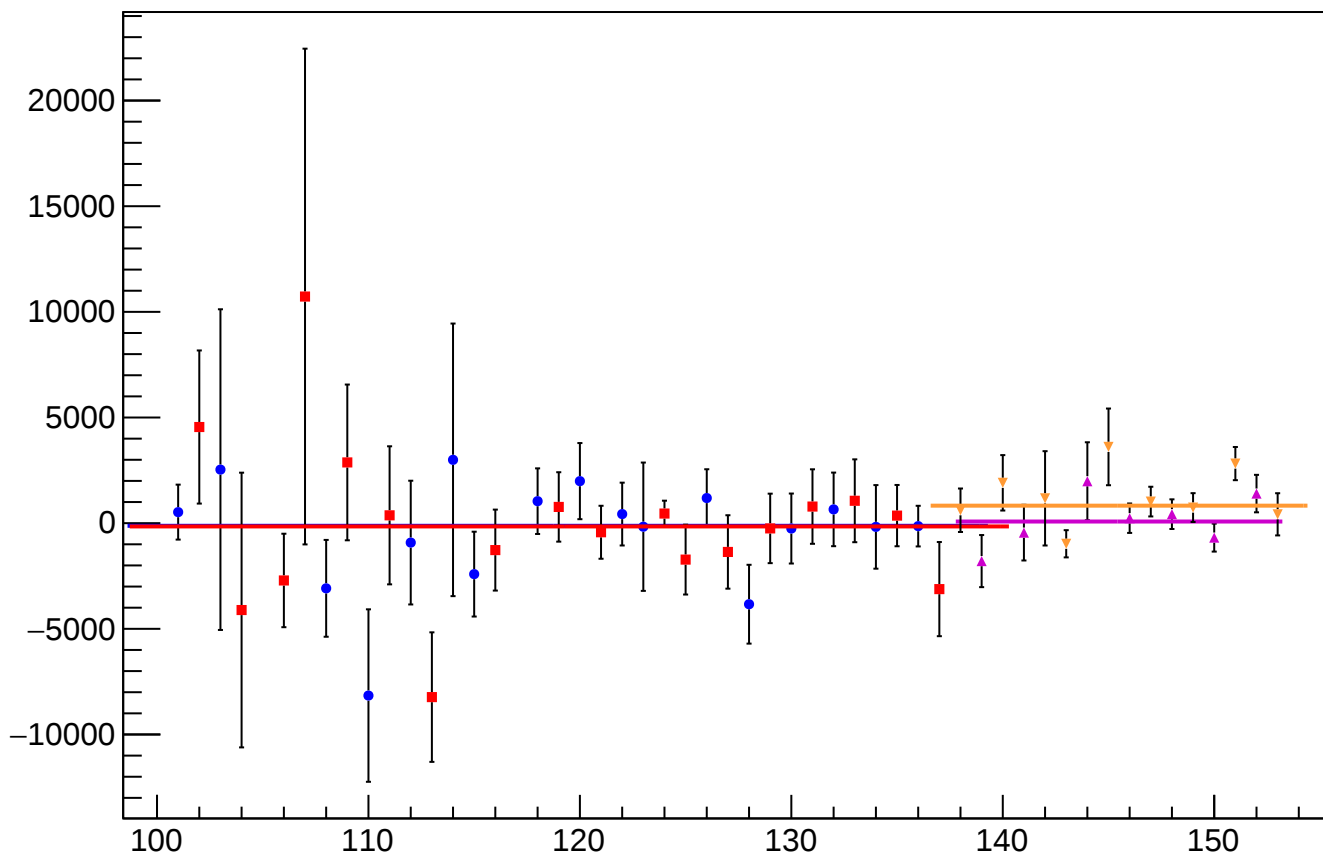
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2515.786+/-0.506 χ^2/NDF : 277246.1/23

Out: 2604.022+/-0.504 χ^2/NDF : 690142.7/26

All: 2560.084+/-0.357 χ^2/NDF : 982631.1/50

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 ± 430.760 χ^2/NDF : 14.7/16

Left Out: 828.544 ± 298.296 χ^2/NDF : 17.6/8

Right Out: -154.579 ± 380.922 χ^2/NDF : 17.6/17

Left In: 77.945 ± 330.186 χ^2/NDF : 7.4/6

Left: 491.234 ± 221.345 χ^2/NDF : 27.9/15

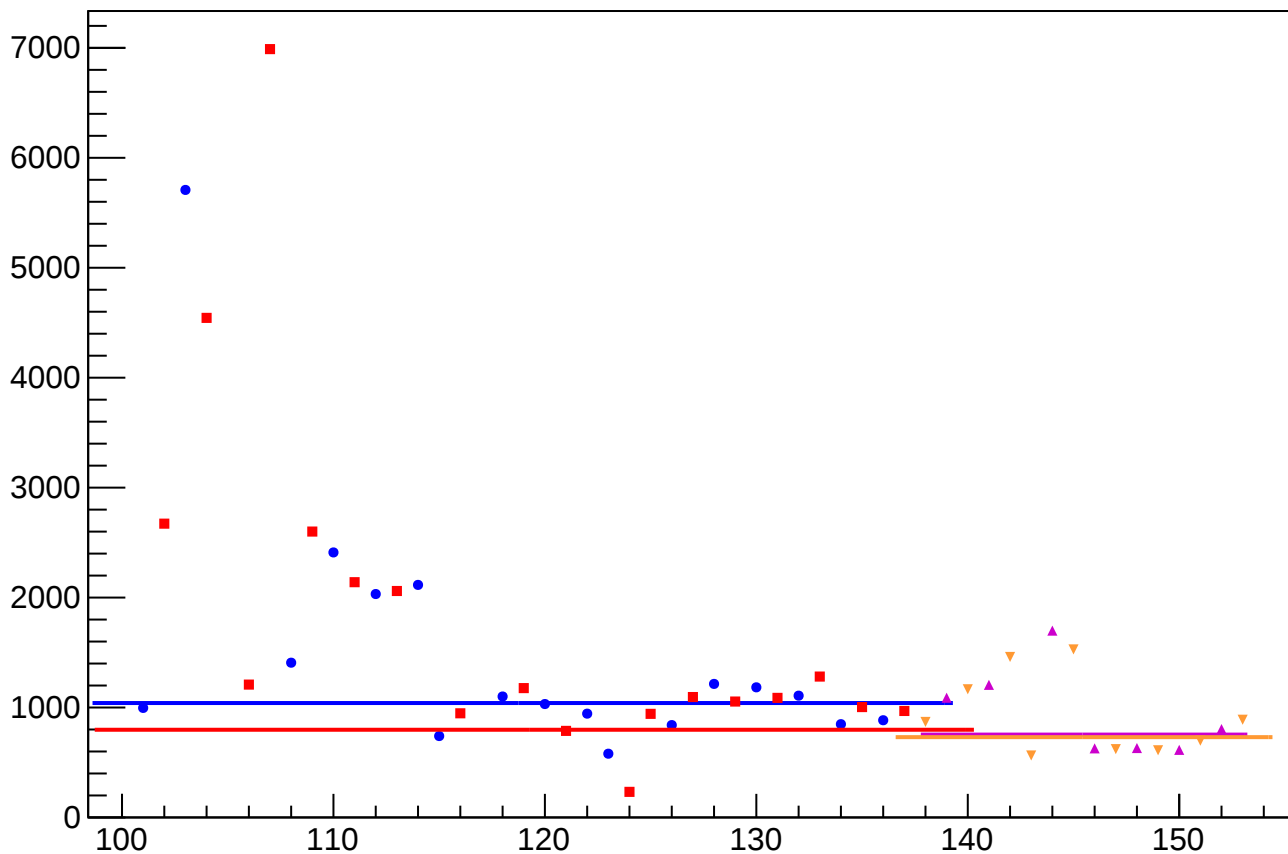
Right: -141.367 ± 285.354 χ^2/NDF : 32.3/34

In: 3.031 ± 262.056 χ^2/NDF : 22.2/23

Out: 454.835 ± 234.855 χ^2/NDF : 39.3/26

All: 253.592 ± 174.896 χ^2/NDF : 63.2/50

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760 +/- 0.305 χ^2/NDF : 1573034.8/16

Left Out: 730.460 +/- 0.211 χ^2/NDF : 1154211.6/8

Right Out: 797.732 +/- 0.269 χ^2/NDF : 5174332.0/17

Left In: 753.726 +/- 0.233 χ^2/NDF : 1129526.2/6

Left: 740.915 +/- 0.157 χ^2/NDF : 2289205.3/15

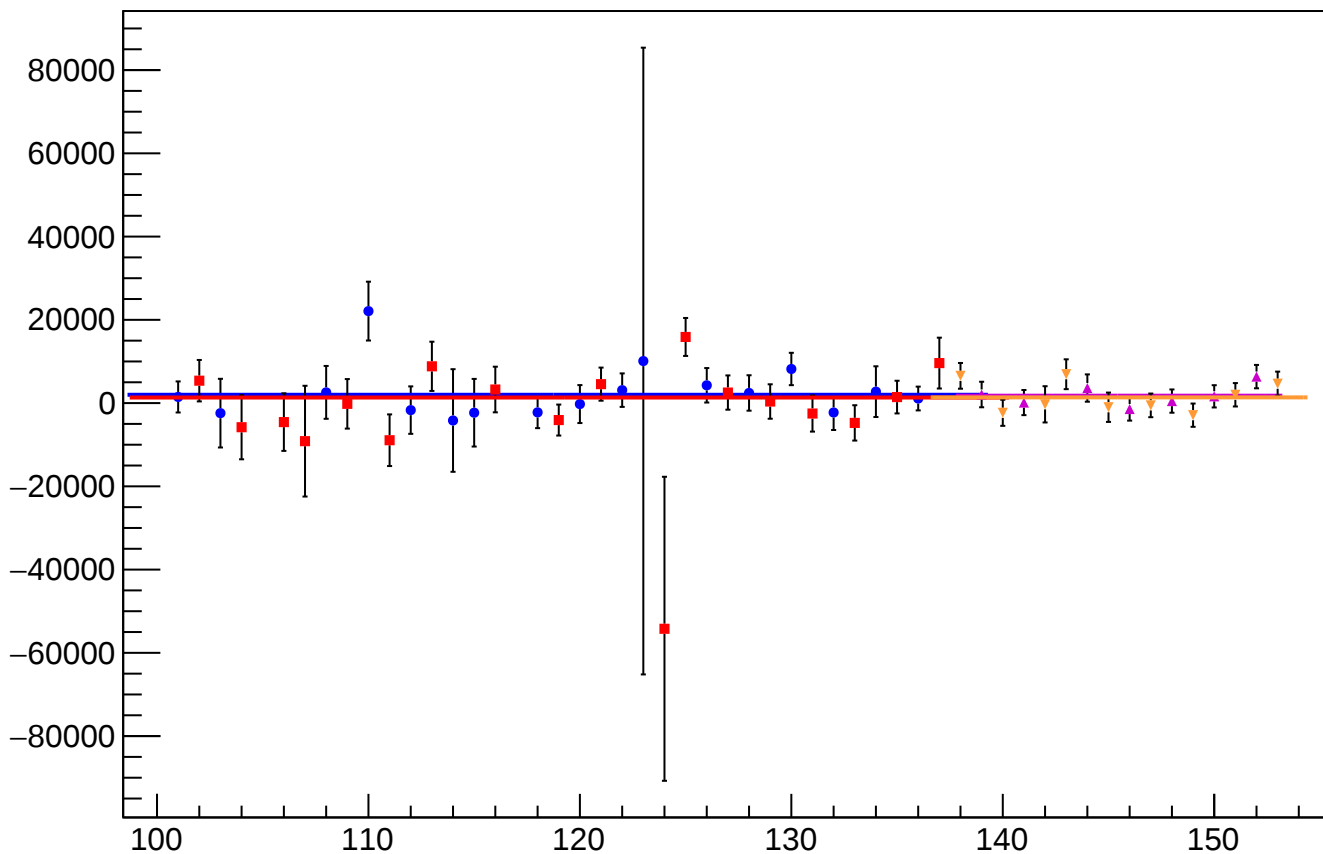
Right: 904.380 +/- 0.202 χ^2/NDF : 7104613.1/34

In: 859.957 +/- 0.185 χ^2/NDF : 3261931.2/23

Out: 756.031 +/- 0.166 χ^2/NDF : 6367209.5/26

All: 802.322 +/- 0.124 χ^2/NDF : 9803580.4/50

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1370.034+/-1045.480 χ^2/NDF : 11.3/8

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1777.665+/-1095.847 χ^2/NDF : 4.8/6

Left: 1564.267+/-756.446 χ^2/NDF : 16.2/15

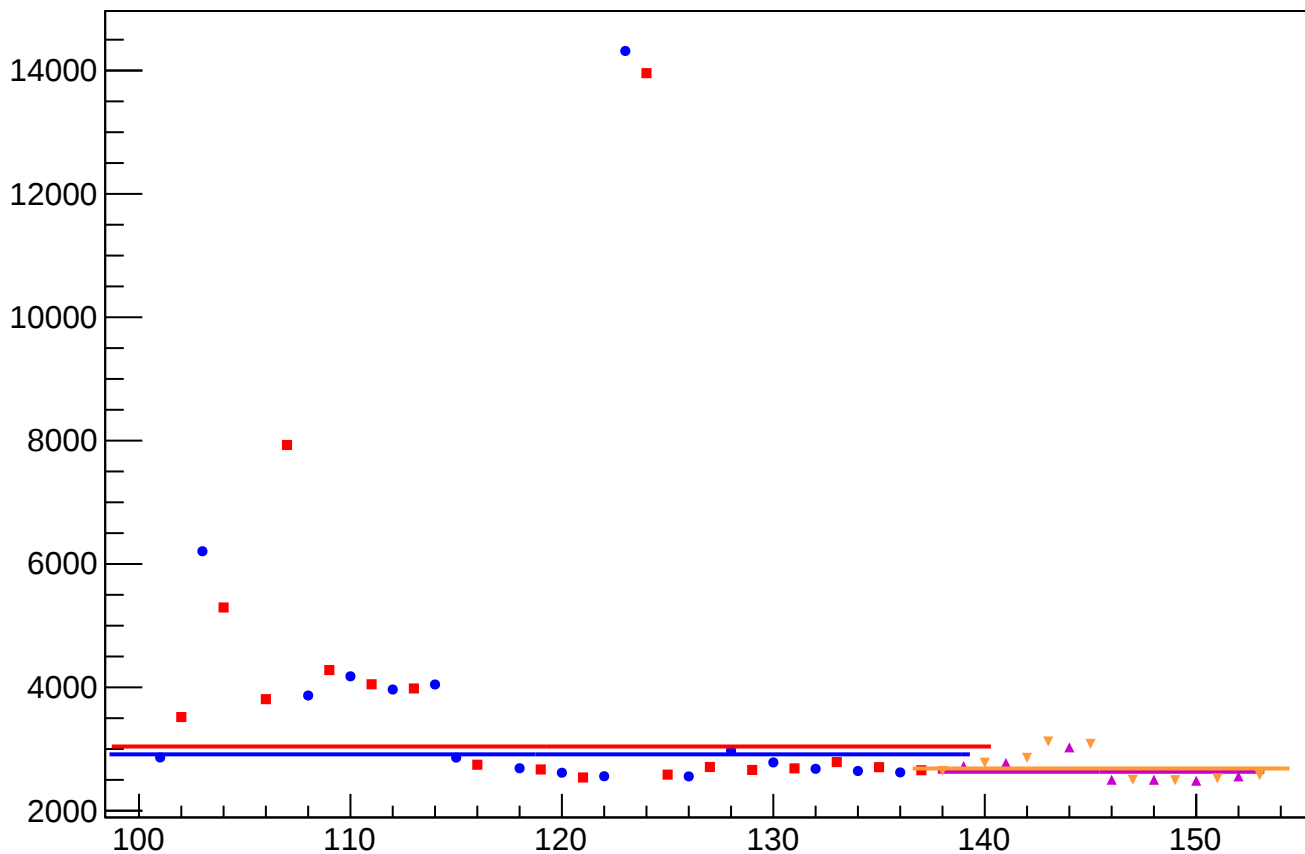
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1881.218+/-794.988 χ^2/NDF : 19.8/23

Out: 1355.533+/-786.488 χ^2/NDF : 38.8/26

All: 1615.550+/-559.112 χ^2/NDF : 58.8/50

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2684.641+/-0.739 χ^2/NDF : 87551.5/8

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2631.199+/-0.775 χ^2/NDF : 51264.6/6

Left: 2659.177+/-0.535 χ^2/NDF : 141306.2/15

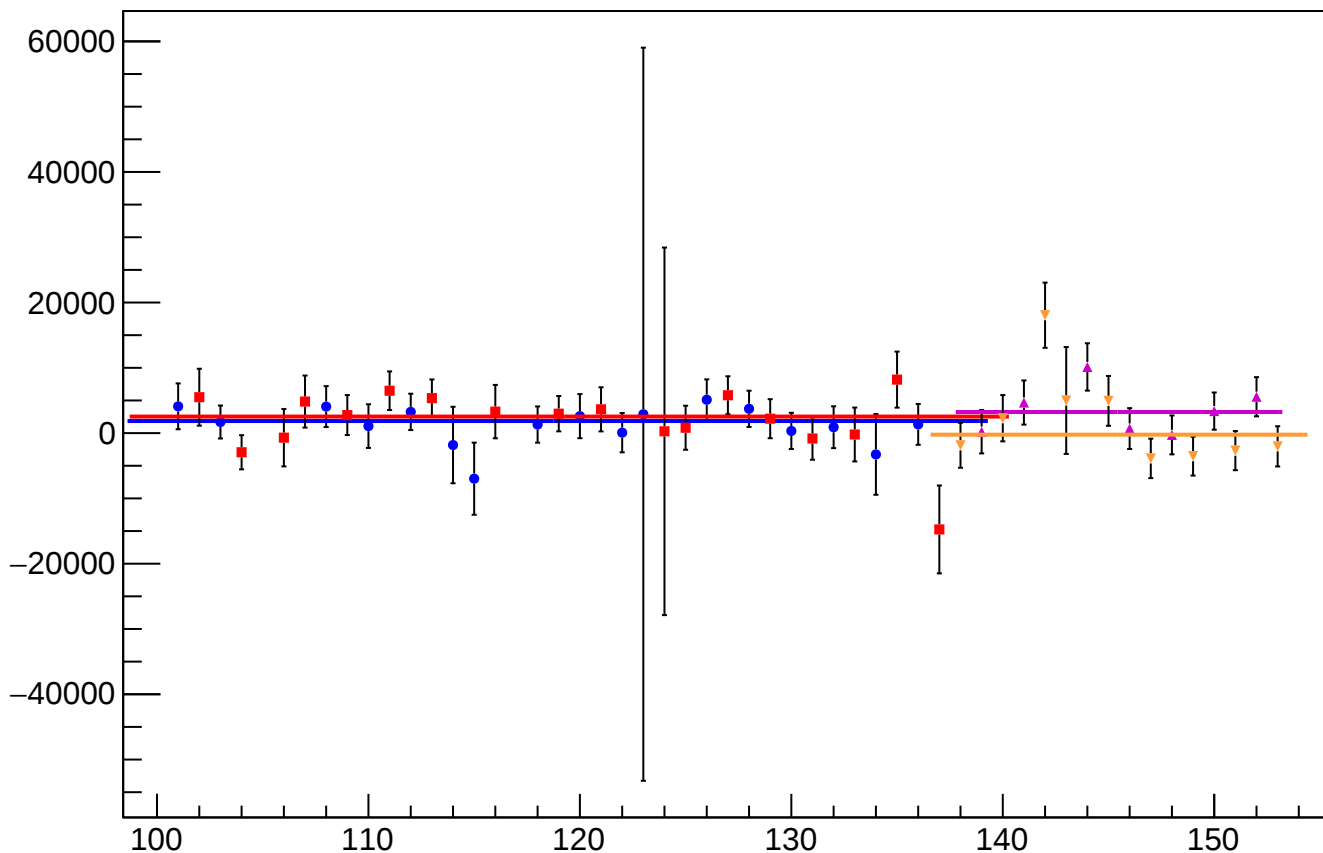
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2765.107+/-0.562 χ^2/NDF : 753290.4/23

Out: 2839.429+/-0.556 χ^2/NDF : 1192130.0/26

All: 2802.668+/-0.395 χ^2/NDF : 1954254.4/50

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093+/-806.760 χ^2/NDF : 7.3/16

Left Out: -238.057+/-1173.002 χ^2/NDF :20.1/8

Right Out: 2535.163+/-819.322 χ^2/NDF : 20.0/17

Left In: 3236.147+/-1192.383 χ^2/NDF :7.3/6

Left: 1470.581+/-836.206 χ^2/NDF : 31.7/15

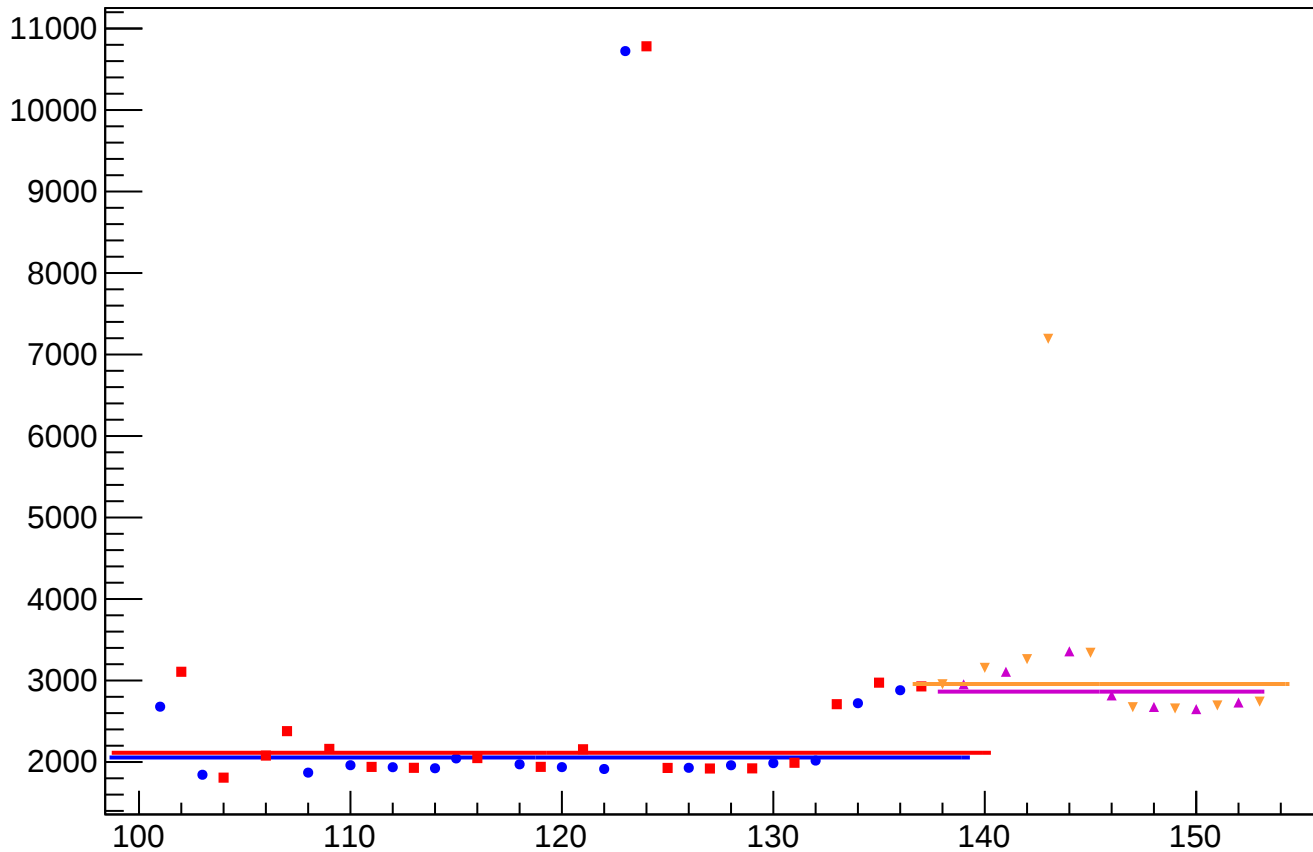
Right: 2187.336+/-574.855 χ^2/NDF : 27.6/34

In: 2285.349+/-668.187 χ^2/NDF :15.5/23

Out: 1625.818+/-671.693 χ^2/NDF :43.8/26

All: 1957.310+/-473.714 χ^2/NDF : 59.8/50

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447+/-0.570 χ^2/NDF : 316383.7/16

Left Out: 2957.128+/-0.829 χ^2/NDF : 632670.0/8

Right Out: 2113.304+/-0.578 χ^2/NDF : 532006.4/17

Left In: 2863.529+/-0.843 χ^2/NDF : 72768.0/6

Left: 2911.095+/-0.591 χ^2/NDF : 711700.7/15

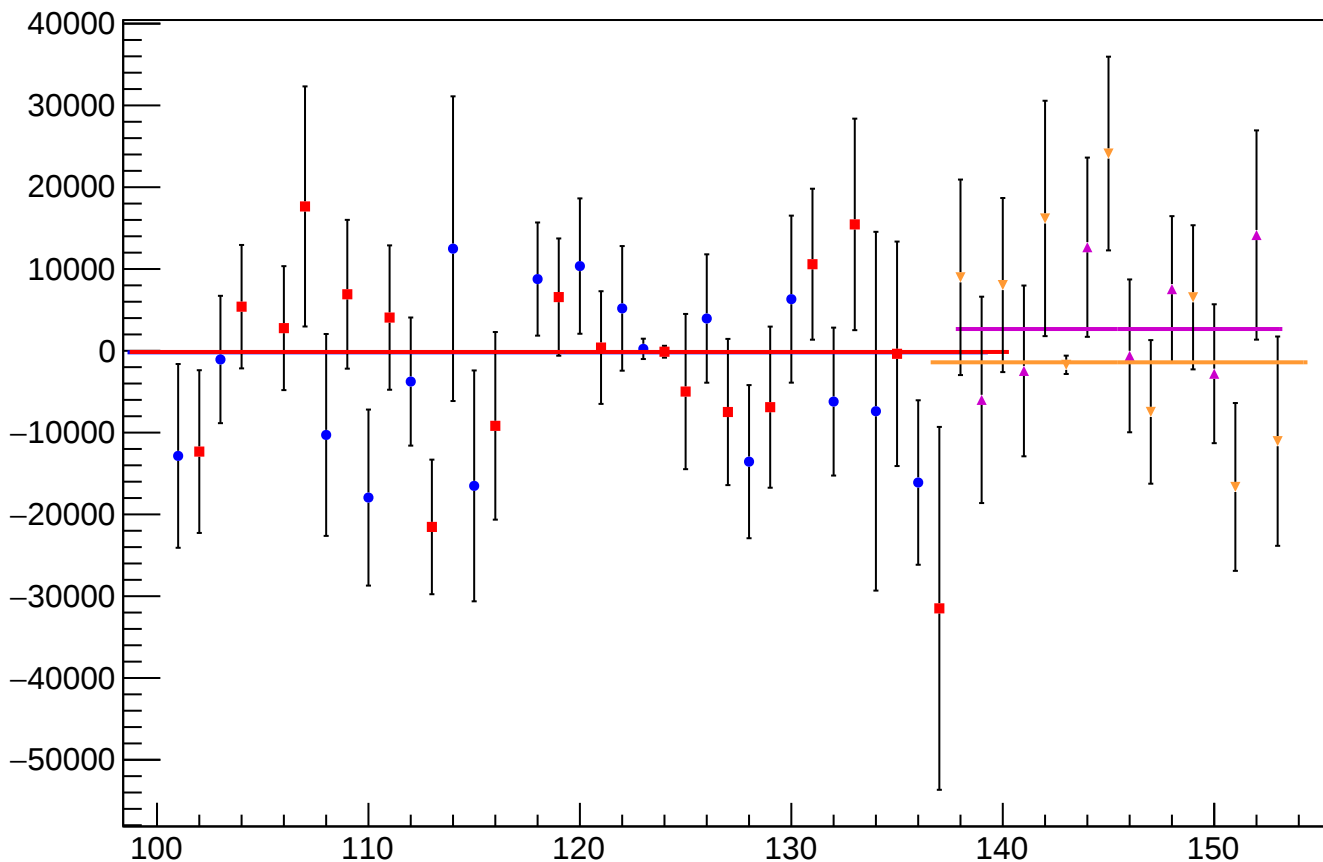
Right: 2083.972+/-0.406 χ^2/NDF : 853461.4/34

In: 2309.205+/-0.472 χ^2/NDF : 1019264.4/23

Out: 2389.437+/-0.474 χ^2/NDF : 1860975.4/26

All: 2349.152+/-0.335 χ^2/NDF : 2894596.6/50

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1406.757+/-1076.307 χ^2/NDF : 11.8/8

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 2663.616+/-3840.689 χ^2/NDF : 3.2/6

Left: -1110.373+/-1036.381 χ^2/NDF : 16.1/15

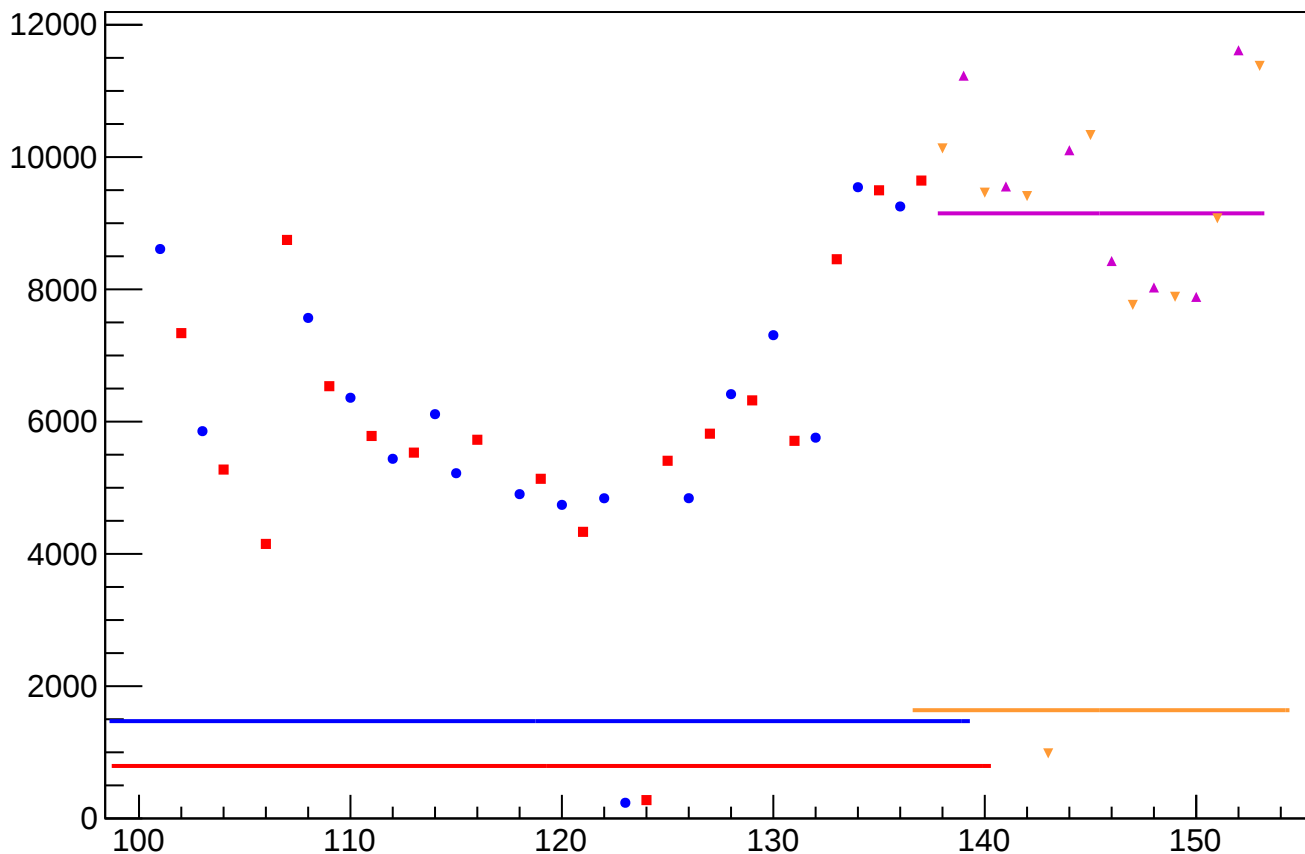
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 31.010+/-1058.175 χ^2/NDF : 20.1/23

Out: -511.087+/-581.466 χ^2/NDF : 31.8/26

All: -385.363+/-509.598 χ^2/NDF : 52.0/50

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609 $\pm$ 0.778

χ^2 /NDF: 9788255.4/16

Left Out: 1636.865 $\pm$ 0.761

χ^2 /NDF: 8623005.1/8

Right Out: 793.659 $\pm$ 0.489

χ^2 /NDF: 11422584.5/17

Left In: 9149.016 $\pm$ 2.716

χ^2 /NDF: 234708.7/6

Left: 2183.862 $\pm$ 0.733

χ^2 /NDF: 15951968.5/15

Right: 985.285 $\pm$ 0.414

χ^2 /NDF: 21755031.4/34

In: 2054.398 $\pm$ 0.748

χ^2 /NDF: 17408045.8/23

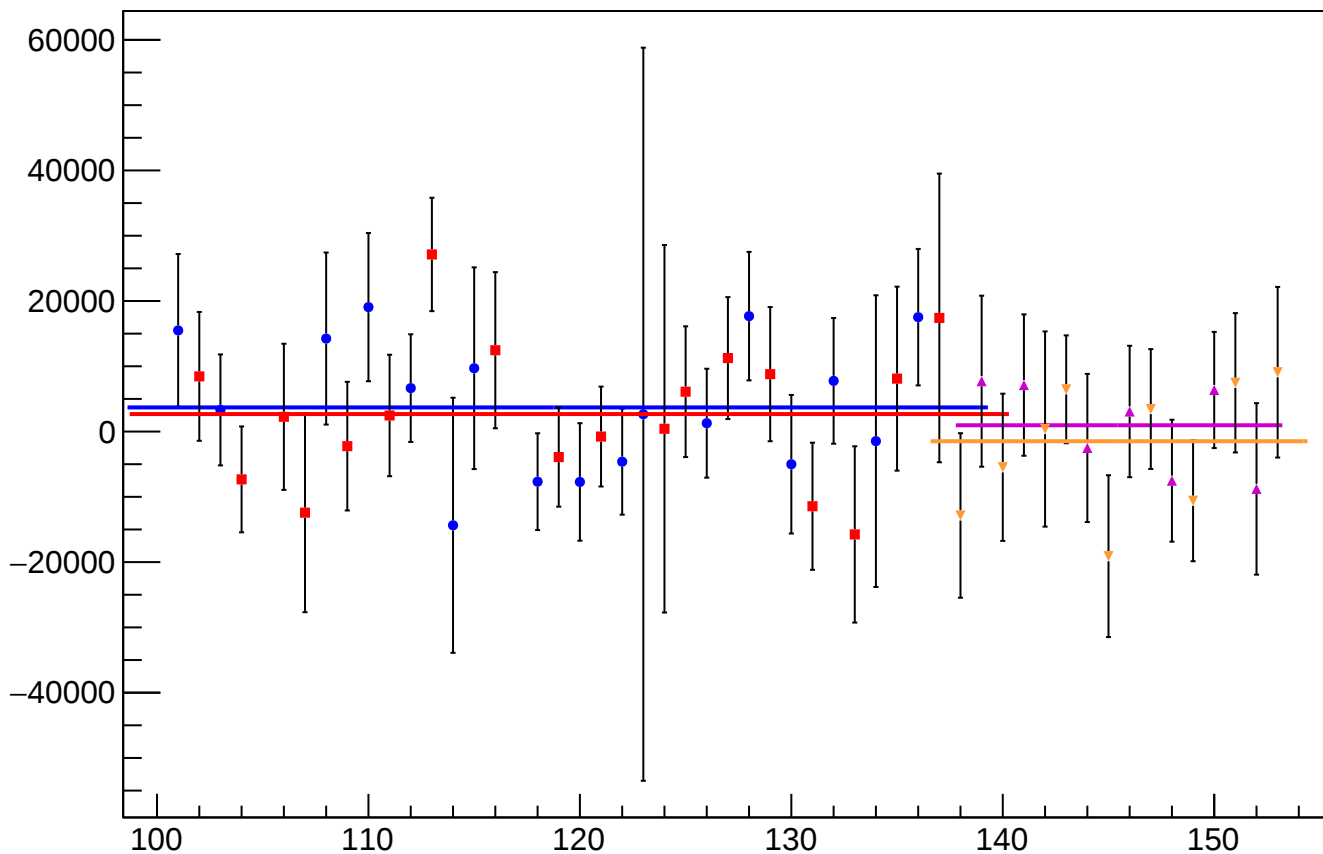
Out: 1039.758 $\pm$ 0.411

χ^2 /NDF: 20914835.7/26

All: 1275.074 $\pm$ 0.360

χ^2 /NDF: 39735239.0/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -1481.390+/-3581.757 χ^2/NDF : 6.5/8

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 963.843+/-4019.888 χ^2/NDF : 2.5/6

Left: -399.241+/-2674.221 χ^2/NDF : 9.2/15

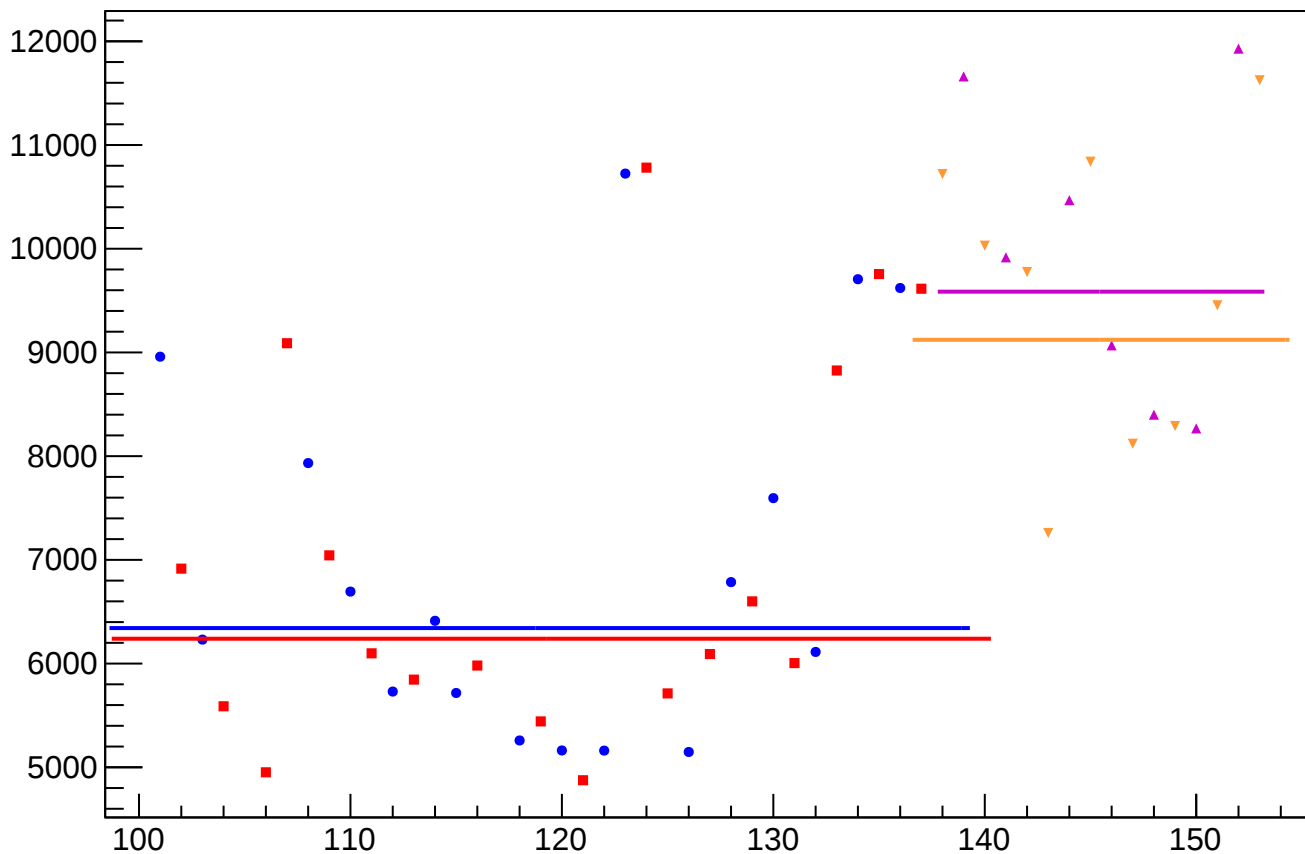
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2927.868+/-2133.899 χ^2/NDF : 17.2/23

Out: 1368.979+/-2010.124 χ^2/NDF : 26.0/26

All: 2101.904+/-1463.174 χ^2/NDF : 43.4/50

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9122.058+/-2.533 χ^2/NDF : 304194.7/8

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 9585.997+/-2.842 χ^2/NDF : 209294.4/6

Left: 9327.376+/-1.891 χ^2/NDF : 528339.1/15

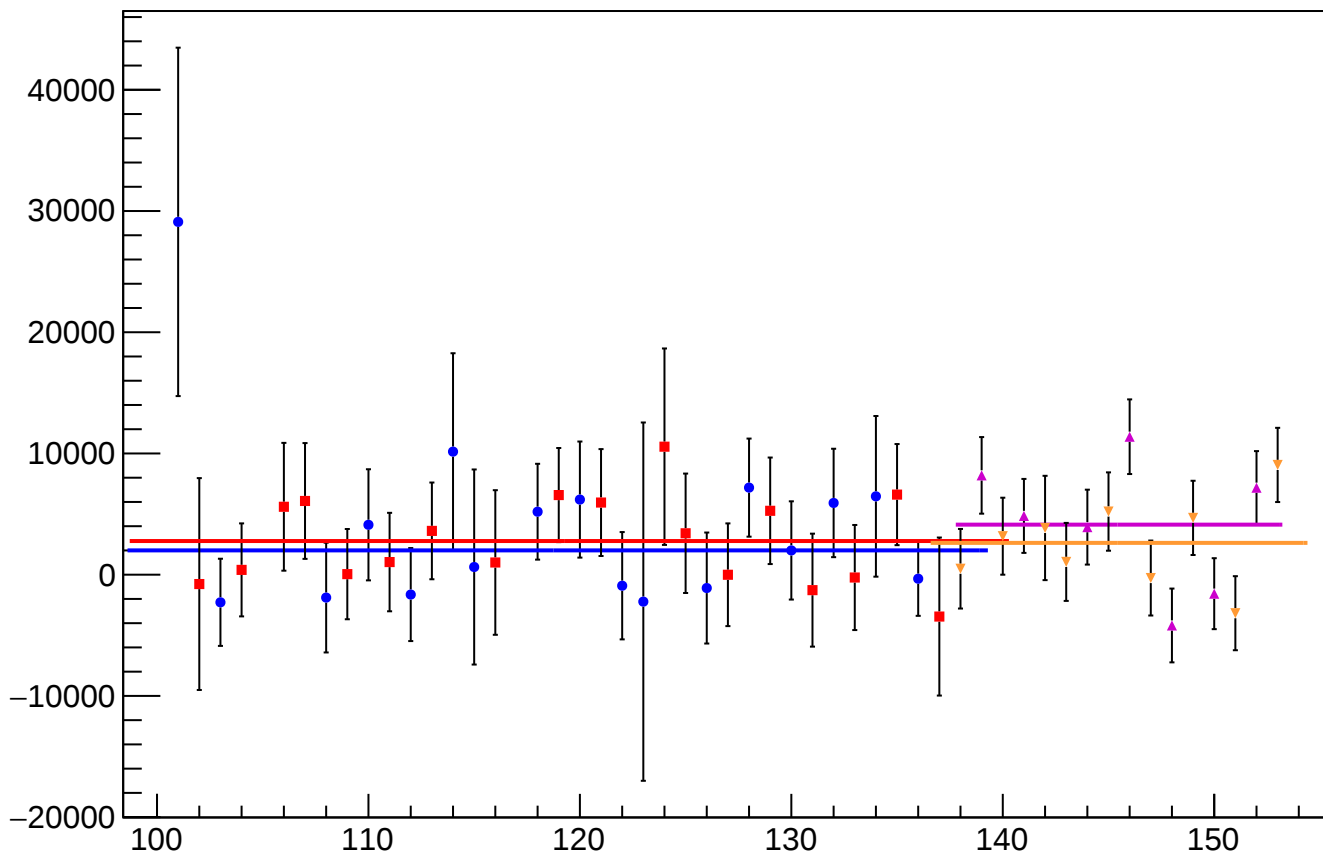
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7256.342+/-1.509 χ^2/NDF : 1738219.1/23

Out: 7147.484+/-1.421 χ^2/NDF : 1720707.1/26

All: 7198.663+/-1.035 χ^2/NDF : 3461684.0/50

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 2623.999 $\pm$ 1076.095 χ^2 /NDF:10.8/8

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 4128.218 $\pm$ 1152.953 χ^2 /NDF:19.5/6

Left: 3324.304 $\pm$ 786.683 χ^2 /NDF: 31.2/15

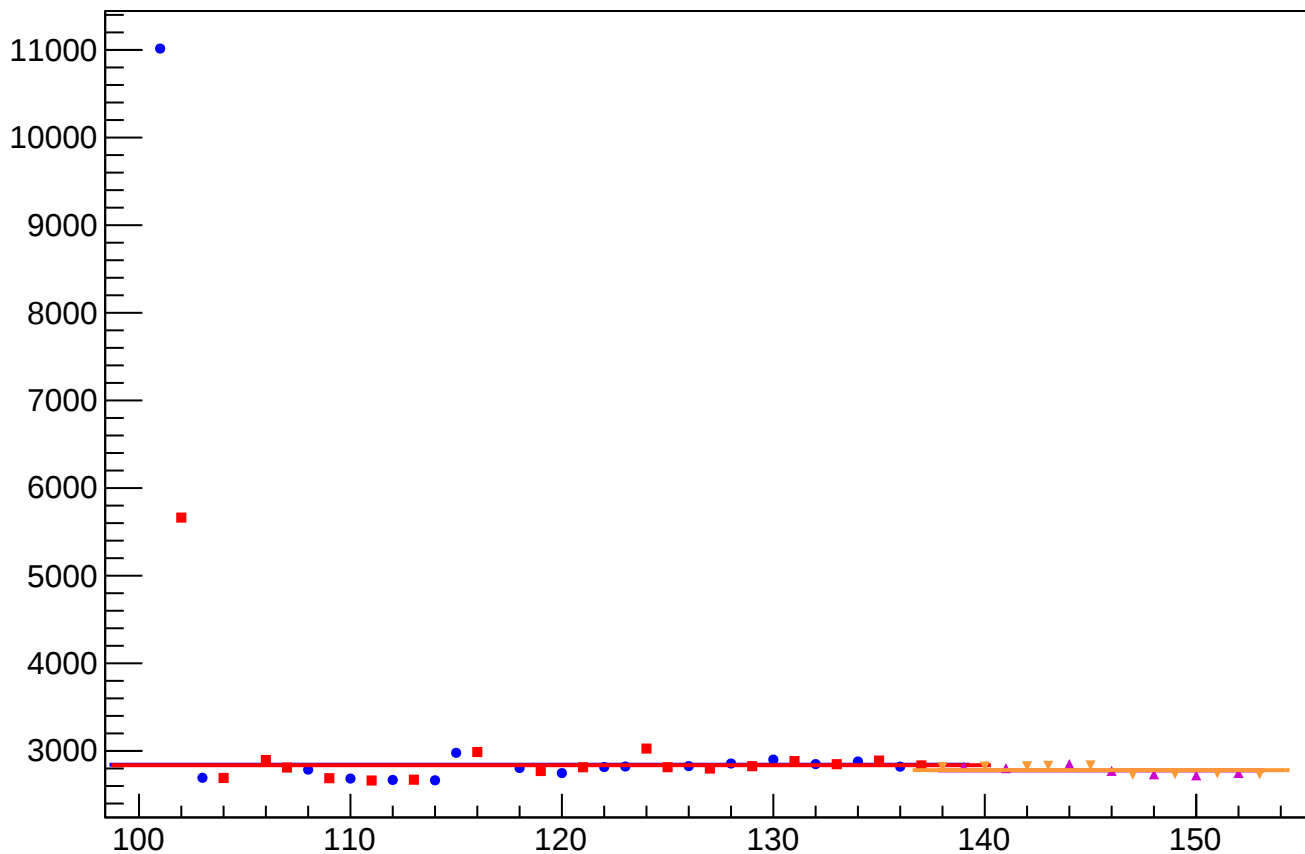
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3040.755 $\pm$ 805.354 χ^2 /NDF:35.0/23

Out: 2699.267 $\pm$ 764.675 χ^2 /NDF:19.1/26

All: 2861.169 $\pm$ 554.530 χ^2 /NDF: 54.2/50

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628+/-0.796 χ^2/NDF : 660305.1/16

Left Out: 2780.933+/-0.761 χ^2/NDF : 3585.2/8

Right Out: 2837.439+/-0.768 χ^2/NDF : 226421.9/17

Left In: 2777.475+/-0.815 χ^2/NDF : 2981.3/6

Left: 2779.323+/-0.556 χ^2/NDF : 6576.1/15

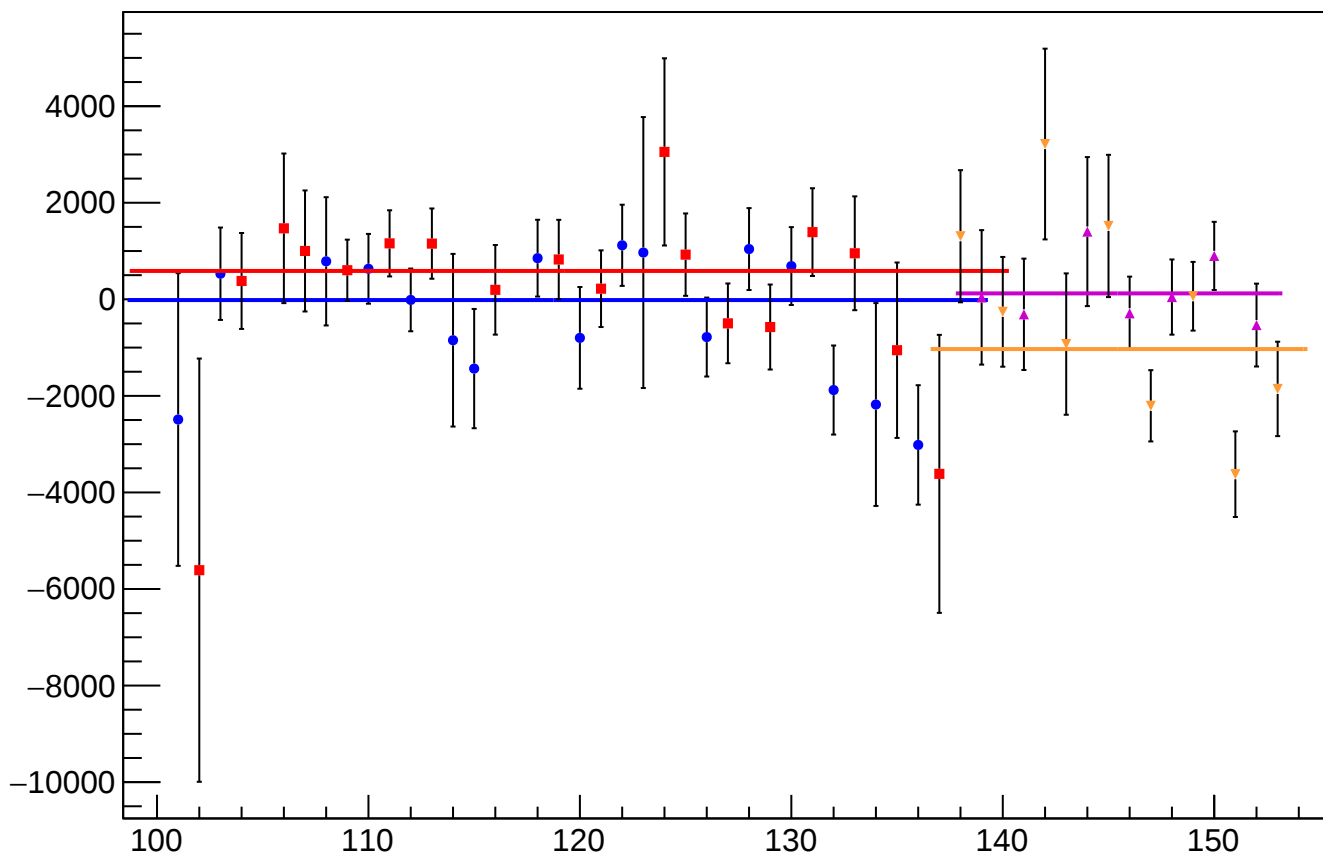
Right: 2839.943+/-0.553 χ^2/NDF : 886749.0/34

In: 2810.838+/-0.569 χ^2/NDF : 666556.9/23

Out: 2808.906+/-0.541 χ^2/NDF : 232737.1/26

All: 2809.822+/-0.392 χ^2/NDF : 899300.1/50

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 $\chi^2/\text{NDF}: 21.6/16$

Left Out: -1030.363 ± 340.590 $\chi^2/\text{NDF}: 25.2/8$

Right Out: 587.609 ± 225.811 $\chi^2/\text{NDF}: 13.3/17$

Left In: 122.366 ± 344.326 $\chi^2/\text{NDF}: 2.9/6$

Left: -460.286 ± 242.144 $\chi^2/\text{NDF}: 33.7/15$

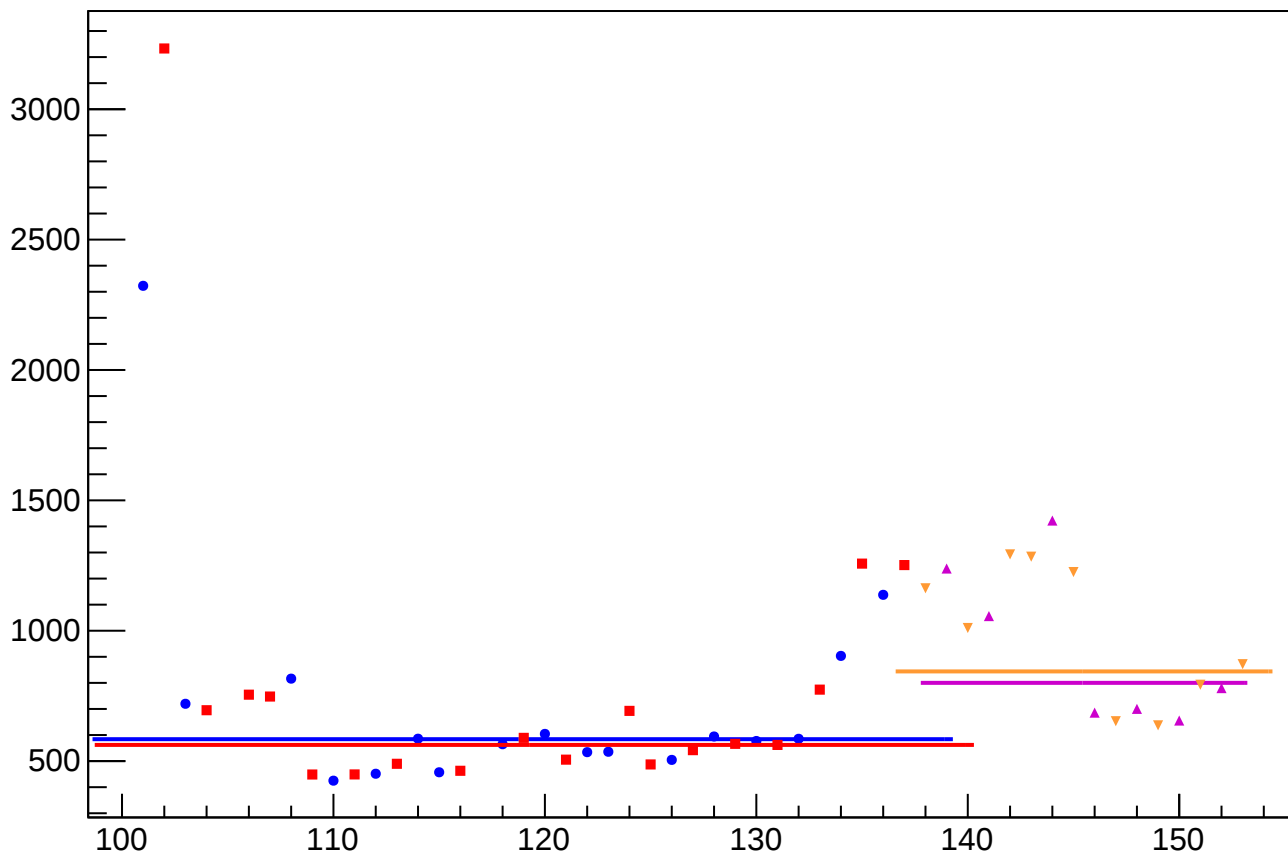
Right: 302.919 ± 164.093 $\chi^2/\text{NDF}: 38.3/34$

In: 29.203 ± 196.262 $\chi^2/\text{NDF}: 24.6/23$

Out: 93.565 ± 188.204 $\chi^2/\text{NDF}: 54.2/26$

All: 62.732 ± 135.840 $\chi^2/\text{NDF}: 78.9/50$

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 843.968+/-0.241 χ^2/NDF :880452.9/8

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 800.123+/-0.243 χ^2/NDF :785189.4/6

Left: 822.284+/-0.171 χ^2/NDF : 1682033.7/15

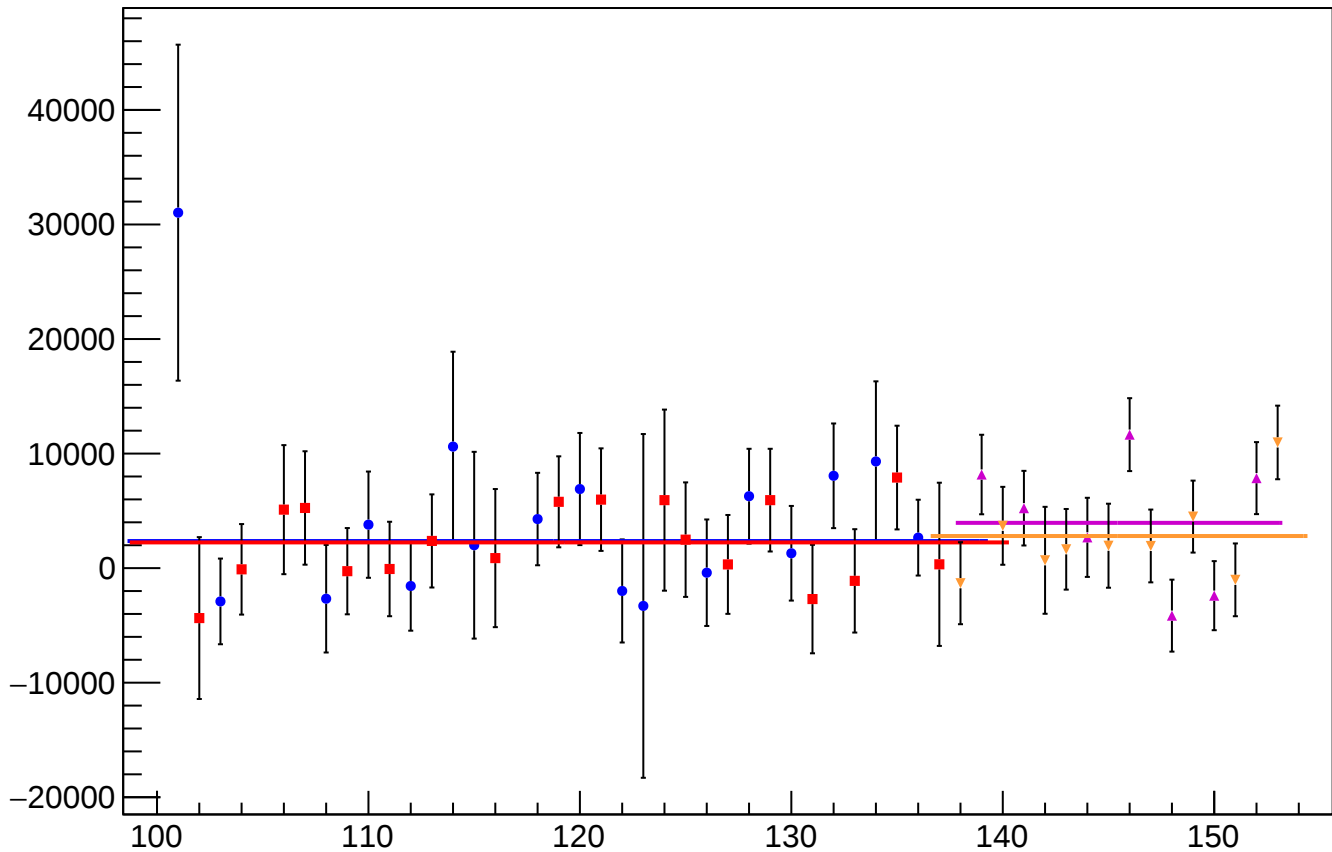
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 654.253+/-0.139 χ^2/NDF :2753477.3/23

Out: 648.183+/-0.133 χ^2/NDF :3357138.8/26

All: 651.091+/-0.096 χ^2/NDF : 6111612.6/50

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 2803.012 $\pm$ 1145.680 χ^2 /NDF:10.0/8

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 3952.974 $\pm$ 1219.501 χ^2 /NDF:20.3/6

Left: 3342.136 $\pm$ 834.997 χ^2 /NDF: 30.8/15

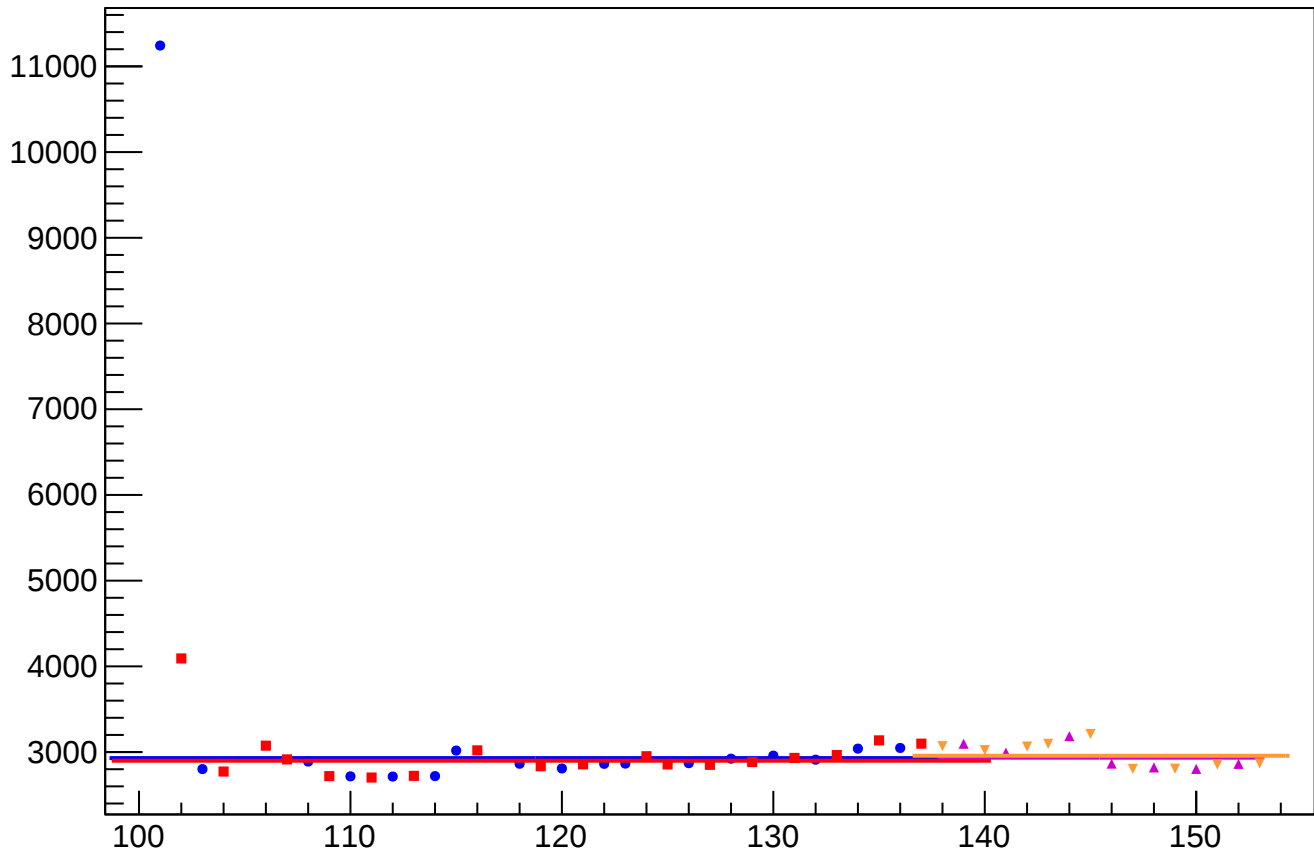
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3118.109 $\pm$ 840.470 χ^2 /NDF:36.2/23

Out: 2515.878 $\pm$ 797.920 χ^2 /NDF:18.7/26

All: 2801.364 $\pm$ 578.673 χ^2 /NDF: 55.2/50

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2957.155+/-0.810 χ^2/NDF : 29346.6/8

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2934.910+/-0.862 χ^2/NDF : 24027.5/6

Left: 2946.726+/-0.590 χ^2/NDF : 53727.6/15

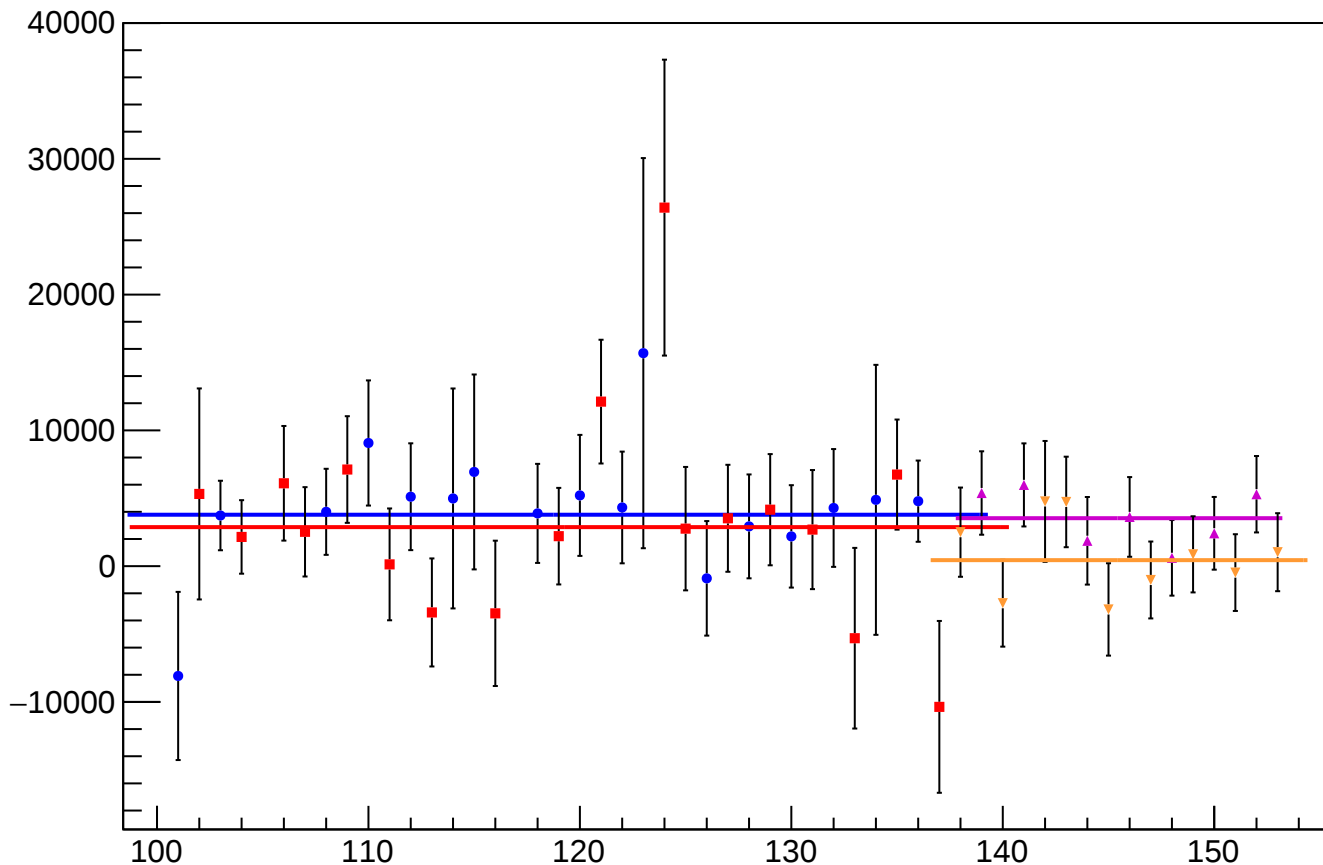
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2932.150+/-0.594 χ^2/NDF : 686676.0/23

Out: 2927.430+/-0.564 χ^2/NDF : 115504.1/26

All: 2929.668+/-0.409 χ^2/NDF : 802213.3/50

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 442.054 $\pm$ 1045.092 χ^2/NDF : 5.5/8

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3532.621 $\pm$ 1104.470 χ^2/NDF : 2.9/6

Left: 1902.032 $\pm$ 759.116 χ^2/NDF : 12.6/15

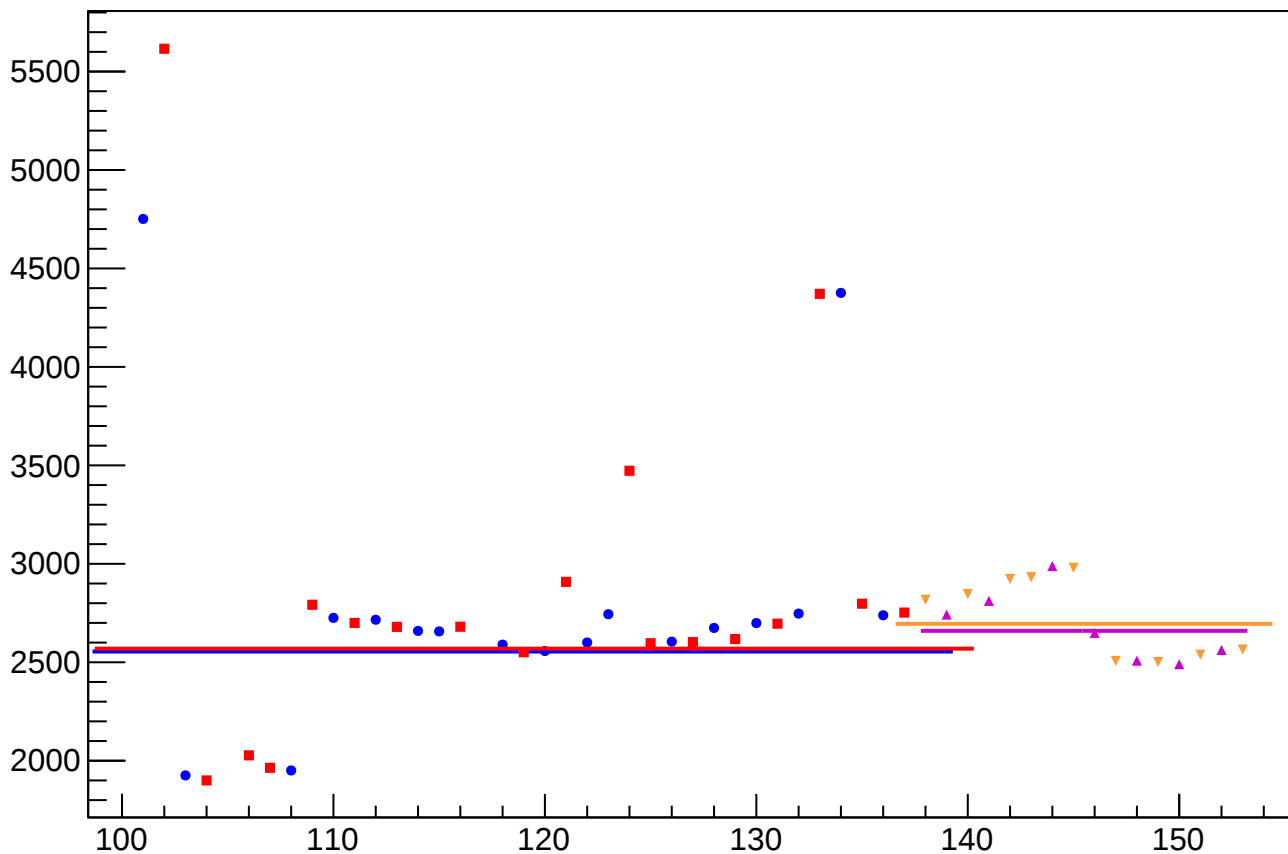
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3671.846 $\pm$ 744.586 χ^2/NDF : 10.7/23

Out: 1707.044 $\pm$ 724.056 χ^2/NDF : 30.4/26

All: 2661.985 $\pm$ 519.091 χ^2/NDF : 44.7/50

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 +/- 0.713 χ^2/NDF : 536626.0/16

Left Out: 2695.096 +/- 0.739 χ^2/NDF : 65293.5/8

Right Out: 2569.256 +/- 0.710 χ^2/NDF : 723332.1/17

Left In: 2659.686 +/- 0.781 χ^2/NDF : 43509.8/6

Left: 2678.368 +/- 0.537 χ^2/NDF : 109887.8/15

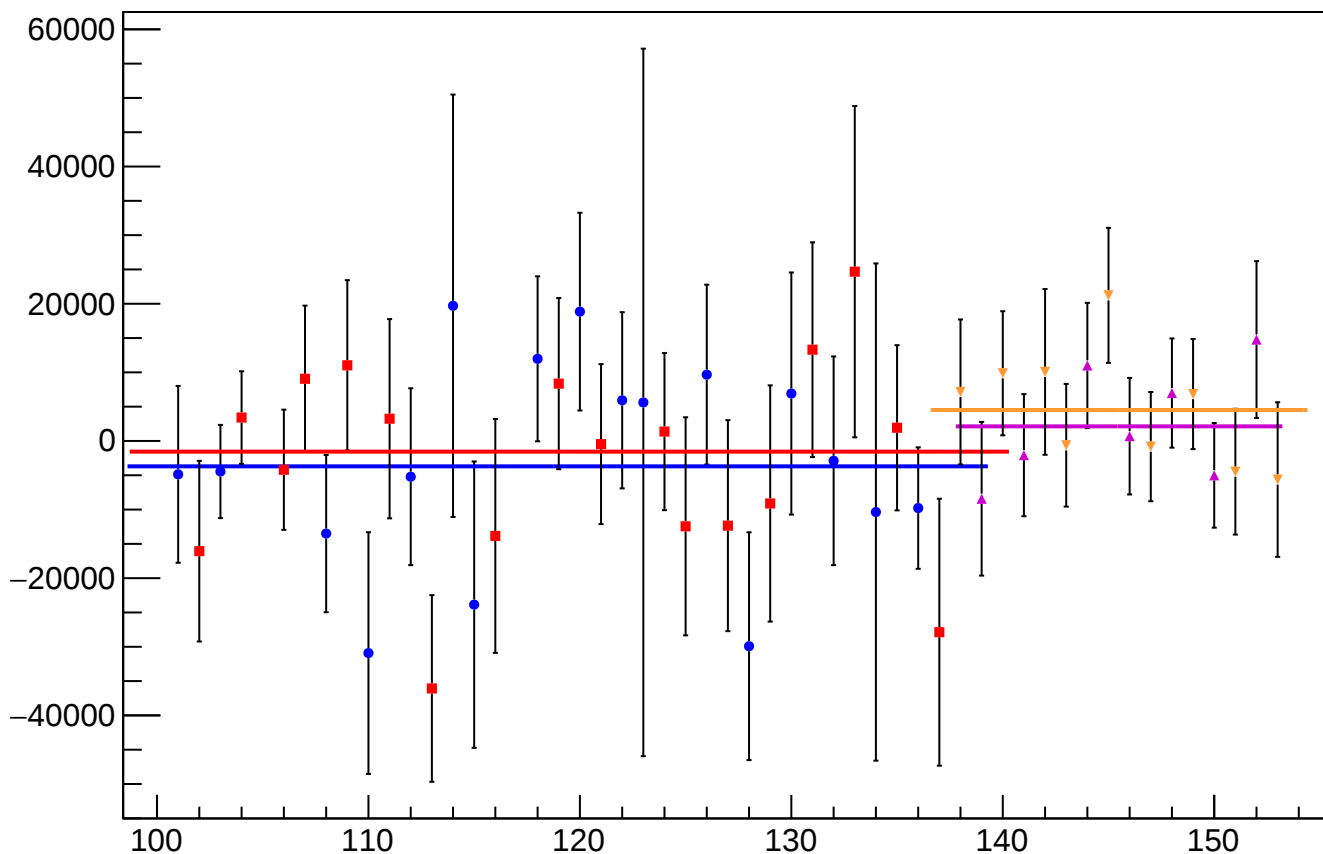
Right: 2561.929 +/- 0.503 χ^2/NDF : 1260172.2/34

In: 2602.326 +/- 0.527 χ^2/NDF : 590024.5/23

Out: 2629.633 +/- 0.512 χ^2/NDF : 803710.1/26

All: 2616.364 +/- 0.367 χ^2/NDF : 1395117.5/50

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522 $\pm$ 3217.843 χ^2/NDF : 13.8/16

Left Out: 4515.941 $\pm$ 3131.710 χ^2/NDF : 6.1/8

Right Out: -1555.707 $\pm$ 2911.769 χ^2/NDF : 16.8/17

Left In: 2129.492 $\pm$ 3388.338 χ^2/NDF : 4.6/6

Left: 3416.502 $\pm$ 2299.833 χ^2/NDF : 11.0/15

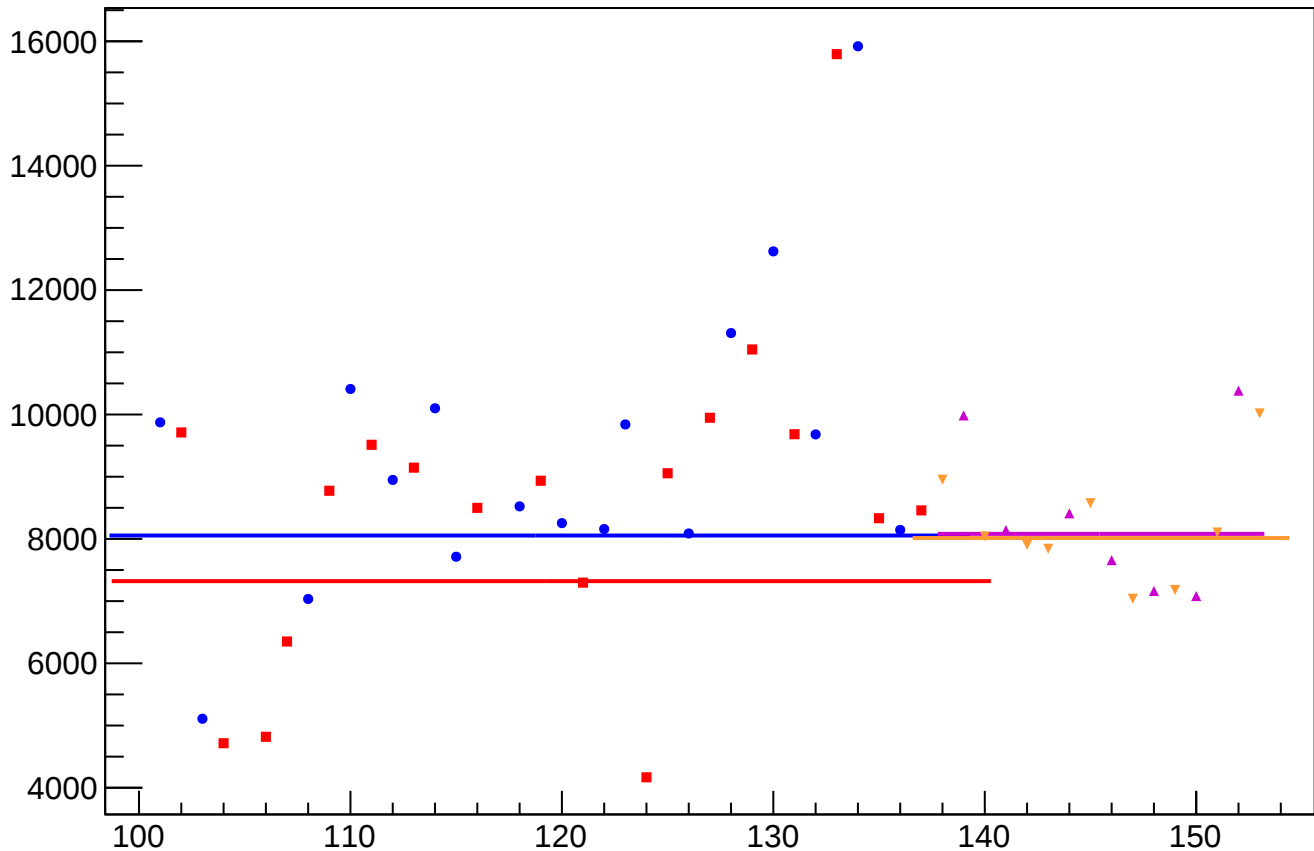
Right: -2520.832 $\pm$ 2159.052 χ^2/NDF : 30.8/34

In: -935.352 $\pm$ 2333.305 χ^2/NDF : 19.9/23

Out: 1259.443 $\pm$ 2132.451 χ^2/NDF : 24.9/26

All: 260.561 $\pm$ 1574.098 χ^2/NDF : 45.3/50

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772 $\pm$ 2.275 χ^2/NDF : 820763.4/16

Left Out: 8014.360 $\pm$ 2.214 χ^2/NDF :138314.5/8

Right Out: 7321.428 $\pm$ 2.059 χ^2/NDF : 1335956.4/17

Left In: 8081.241 $\pm$ 2.396 χ^2/NDF :207569.8/6

Left: 8045.172 $\pm$ 1.626 χ^2/NDF : 346304.5/15

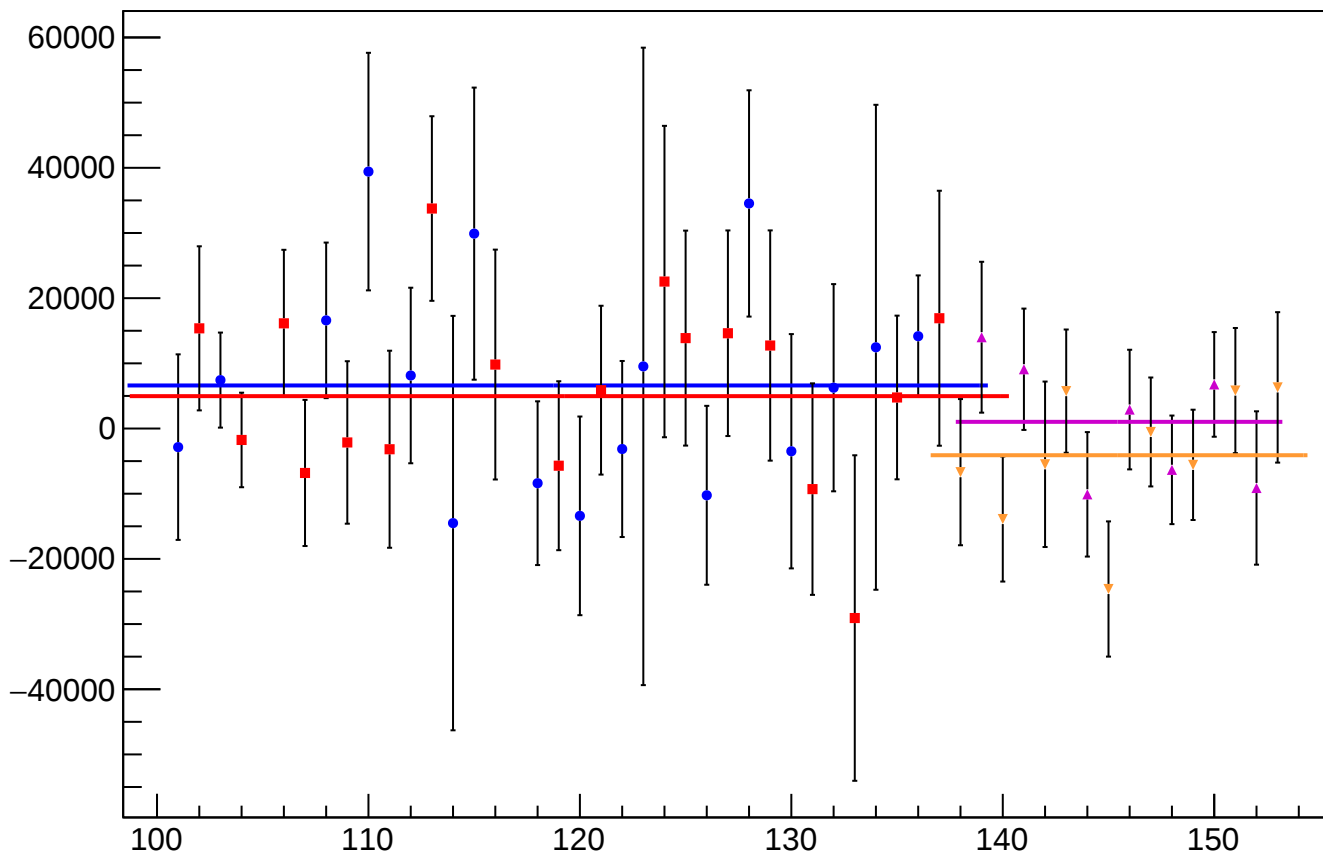
Right: 7651.572 $\pm$ 1.527 χ^2/NDF : 2213832.0/34

In: 8067.324 $\pm$ 1.650 χ^2/NDF :1028397.3/23

Out: 7642.709 $\pm$ 1.508 χ^2/NDF :1526787.1/26

All: 7835.957 $\pm$ 1.113 χ^2/NDF : 2591274.0/50

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -4096.661+/-3294.164 χ^2/NDF : 8.2/8

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1026.362+/-3557.844 χ^2/NDF : 5.4/6

Left: -1732.004+/-2417.174 χ^2/NDF : 14.8/15

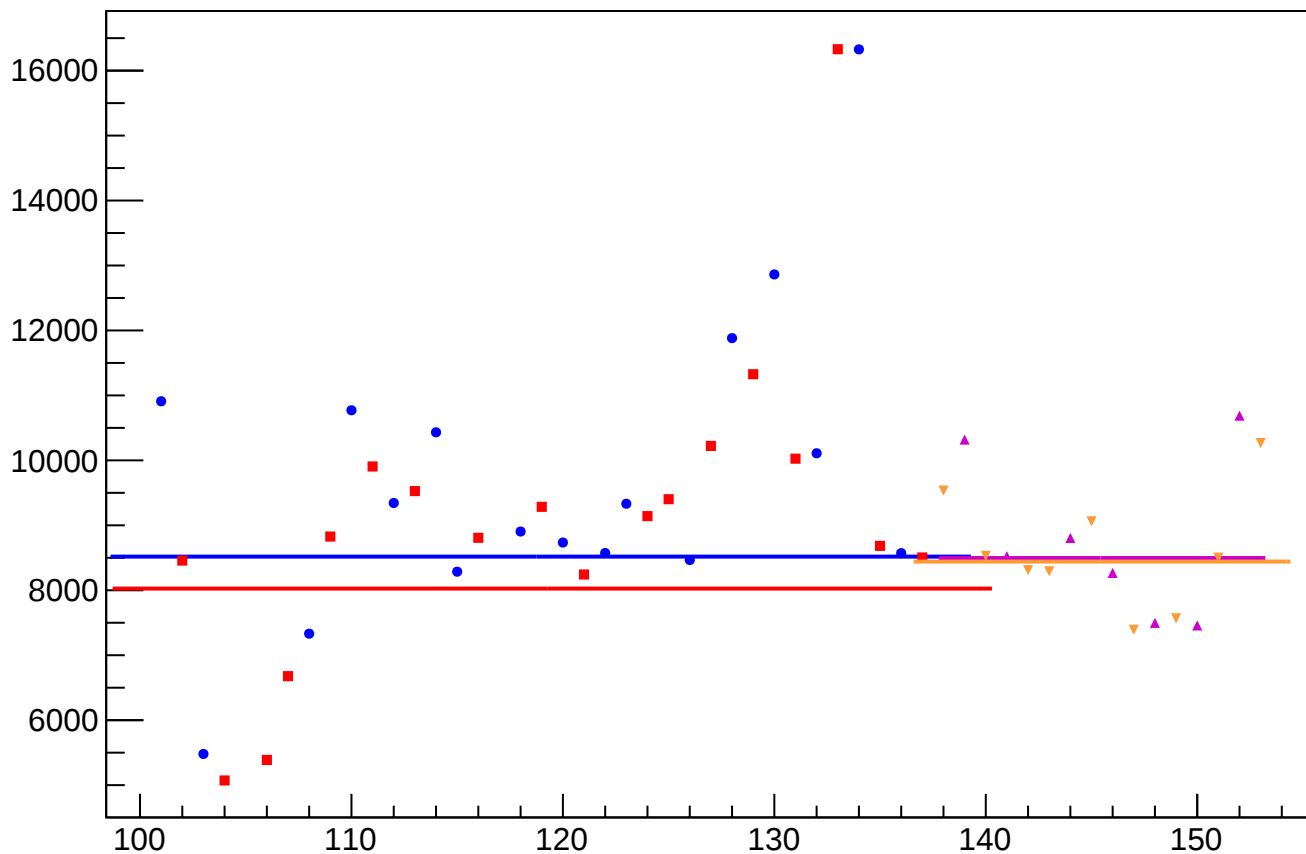
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3946.777+/-2456.508 χ^2/NDF : 21.4/23

Out: 599.823+/-2286.727 χ^2/NDF : 25.7/26

All: 2153.652+/-1673.766 χ^2/NDF : 48.1/50

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8441.971+/-2.329 χ^2/NDF : 129949.5/8

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8496.050+/-2.516 χ^2/NDF : 184567.8/6

Left: 8466.932+/-1.709 χ^2/NDF : 314766.0/15

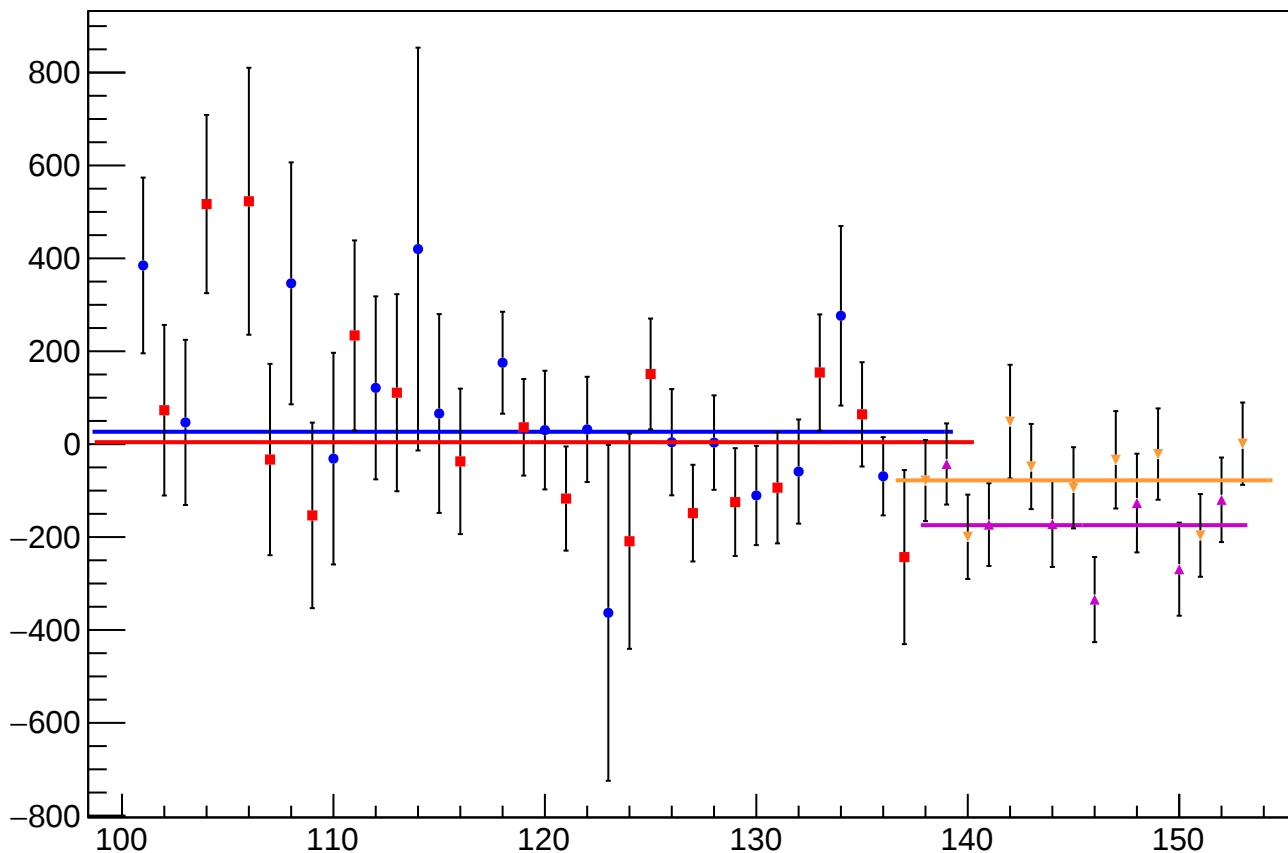
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8507.679+/-1.737 χ^2/NDF : 956603.6/23

Out: 8226.464+/-1.617 χ^2/NDF : 1089127.6/26

All: 8357.016+/-1.184 χ^2/NDF : 2059773.6/50

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$

Left Out: -77.826 ± 31.358 $\chi^2/\text{NDF}: 6.1/8$

Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$

Left In: -174.364 ± 35.302 $\chi^2/\text{NDF}: 6.8/6$

Left: -120.404 ± 23.444 $\chi^2/\text{NDF}: 17.0/15$

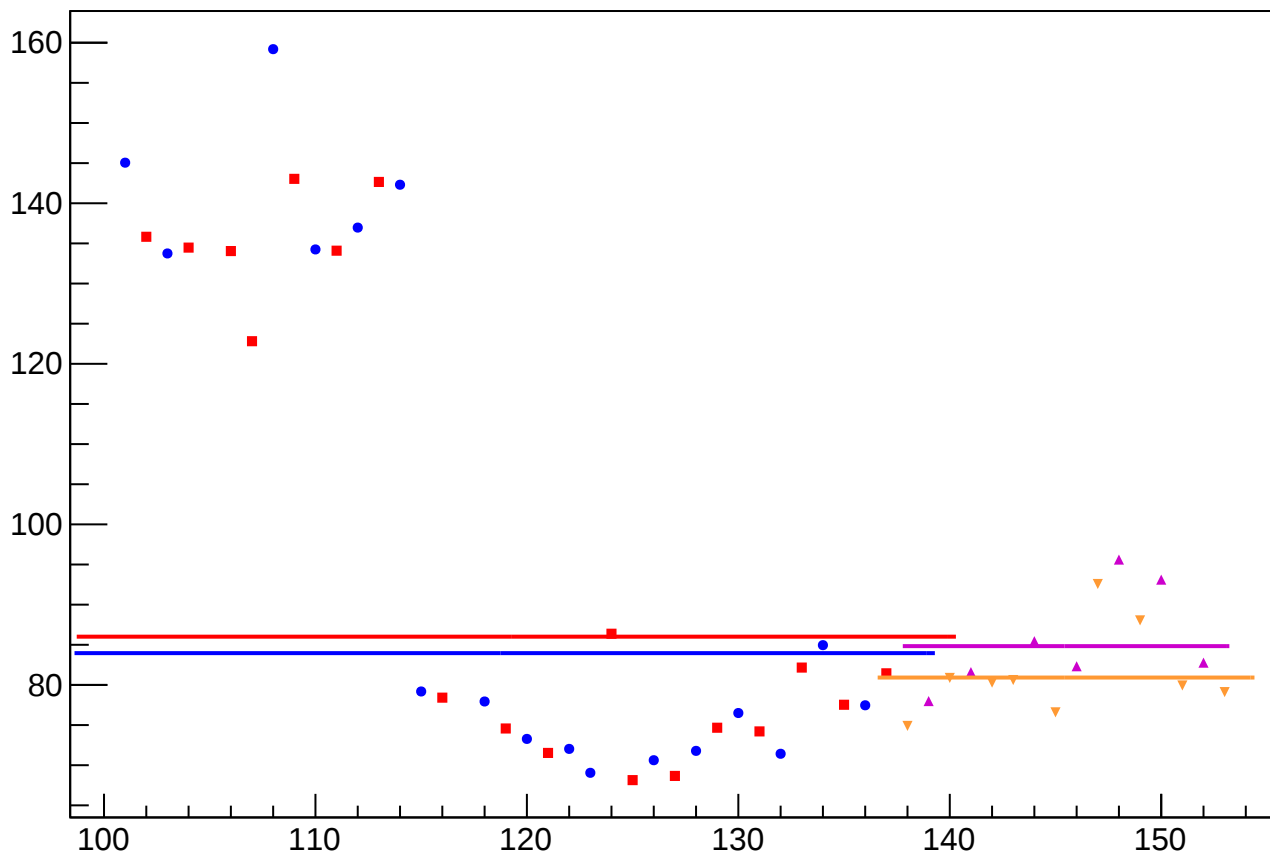
Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$

In: -68.941 ± 24.348 $\chi^2/\text{NDF}: 38.3/23$

Out: -39.870 ± 23.002 $\chi^2/\text{NDF}: 33.2/26$

All: -53.579 ± 16.720 $\chi^2/\text{NDF}: 72.3/50$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2 /NDF: 960253.6/16

Left Out: 80.920 $\pm$ 0.022 χ^2 /NDF: 50816.6/8

Right Out: 86.012 $\pm$ 0.024 χ^2 /NDF: 1026404.0/17

Left In: 84.833 $\pm$ 0.025 χ^2 /NDF: 51798.3/6

Left: 82.645 $\pm$ 0.017 χ^2 /NDF: 116349.9/15

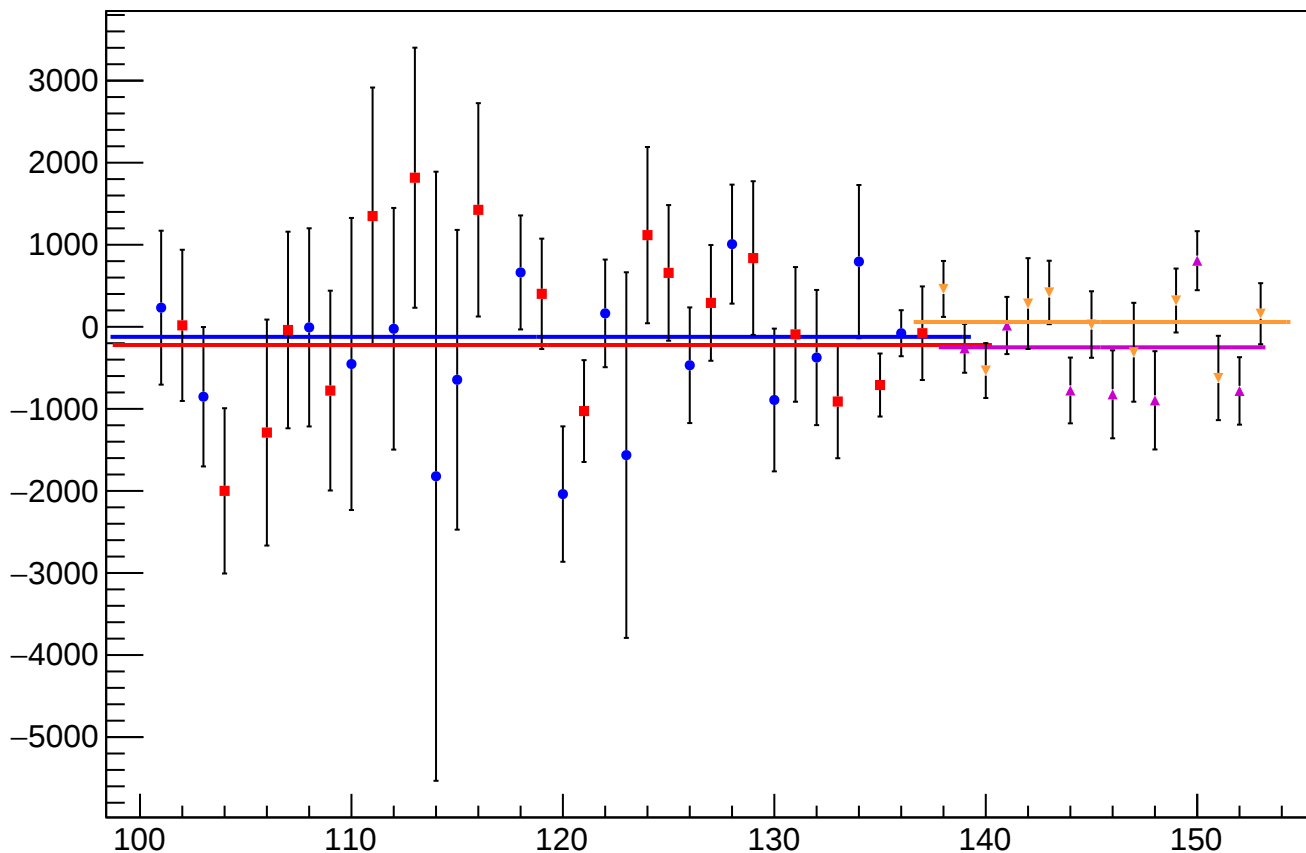
Right: 84.980 $\pm$ 0.017 χ^2 /NDF: 1990355.7/34

In: 84.375 $\pm$ 0.017 χ^2 /NDF: 1012691.7/23

Out: 83.272 $\pm$ 0.016 χ^2 /NDF: 1101586.8/26

All: 83.792 $\pm$ 0.012 χ^2 /NDF: 2116448.4/50

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410+/-179.587 χ^2/NDF : 13.0/16

Left Out: 58.505+/-136.156 χ^2/NDF : 8.2/8

Right Out: -221.525+/-185.098 χ^2/NDF : 18.0/17

Left In: -249.928+/-147.964 χ^2/NDF : 14.9/6

Left: -82.915+/-100.192 χ^2/NDF : 25.5/15

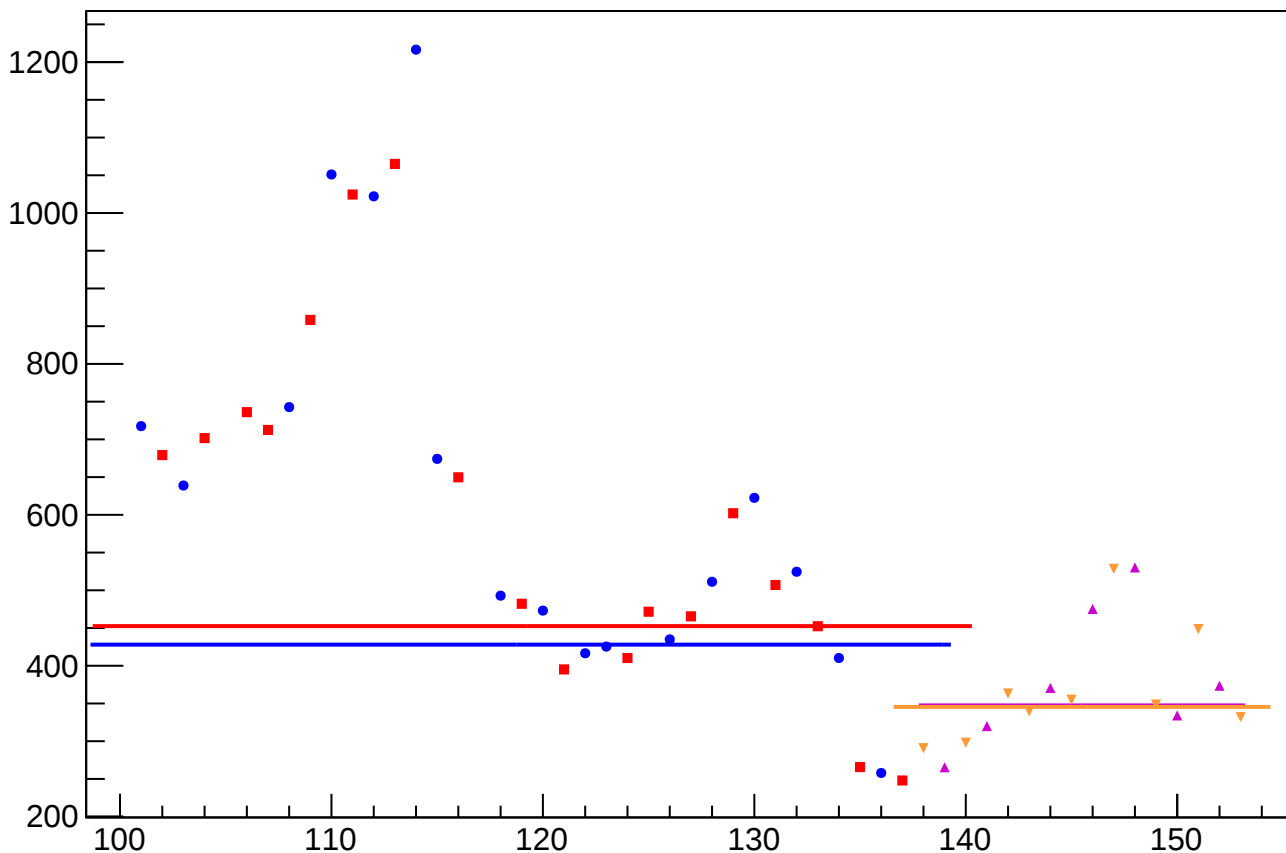
Right: -170.470+/-128.892 χ^2/NDF : 31.2/34

In: -198.366+/-114.197 χ^2/NDF : 28.2/23

Out: -39.817+/-109.679 χ^2/NDF : 27.7/26

All: -115.893+/-79.104 χ^2/NDF : 57.0/50

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986 $\pm$ 0.127 χ^2 /NDF: 2062245.9/16

Left Out: 345.454 $\pm$ 0.096 χ^2 /NDF:363142.2/8

Right Out: 452.508 $\pm$ 0.131 χ^2 /NDF: 2073032.9/17

Left In: 347.421 $\pm$ 0.105 χ^2 /NDF:481964.8/6

Left: 346.356 $\pm$ 0.071 χ^2 /NDF: 845298.3/15

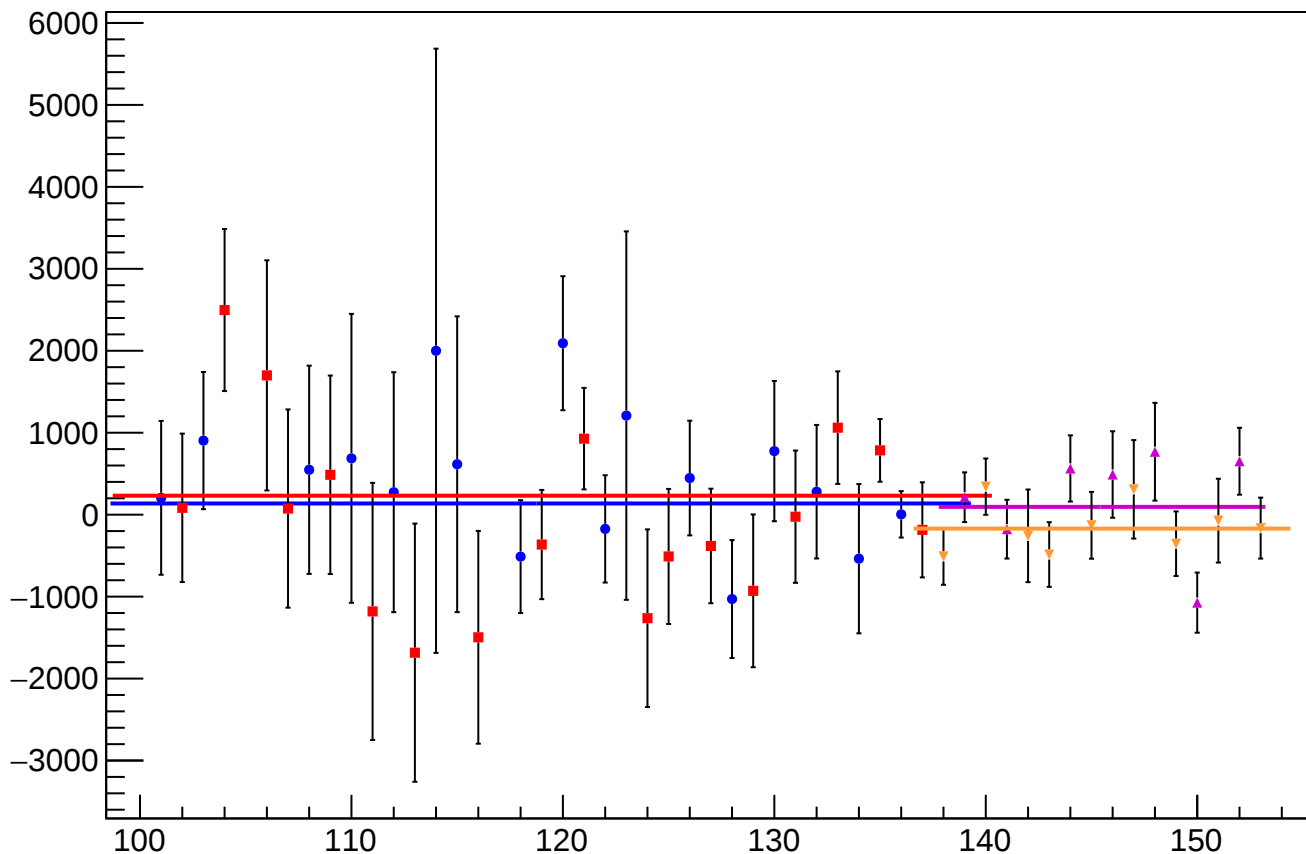
Right: 439.876 $\pm$ 0.091 χ^2 /NDF: 4153360.2/34

In: 379.997 $\pm$ 0.081 χ^2 /NDF:2783962.0/23

Out: 383.042 $\pm$ 0.078 χ^2 /NDF:2870281.5/26

All: 381.581 $\pm$ 0.056 χ^2 /NDF: 5654983.0/50

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -169.515 $\pm$ 137.859 χ^2 /NDF: 4.7/8

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: 95.354 $\pm$ 149.735 χ^2 /NDF: 15.9/6

Left: -47.999 $\pm$ 101.420 χ^2 /NDF: 22.4/15

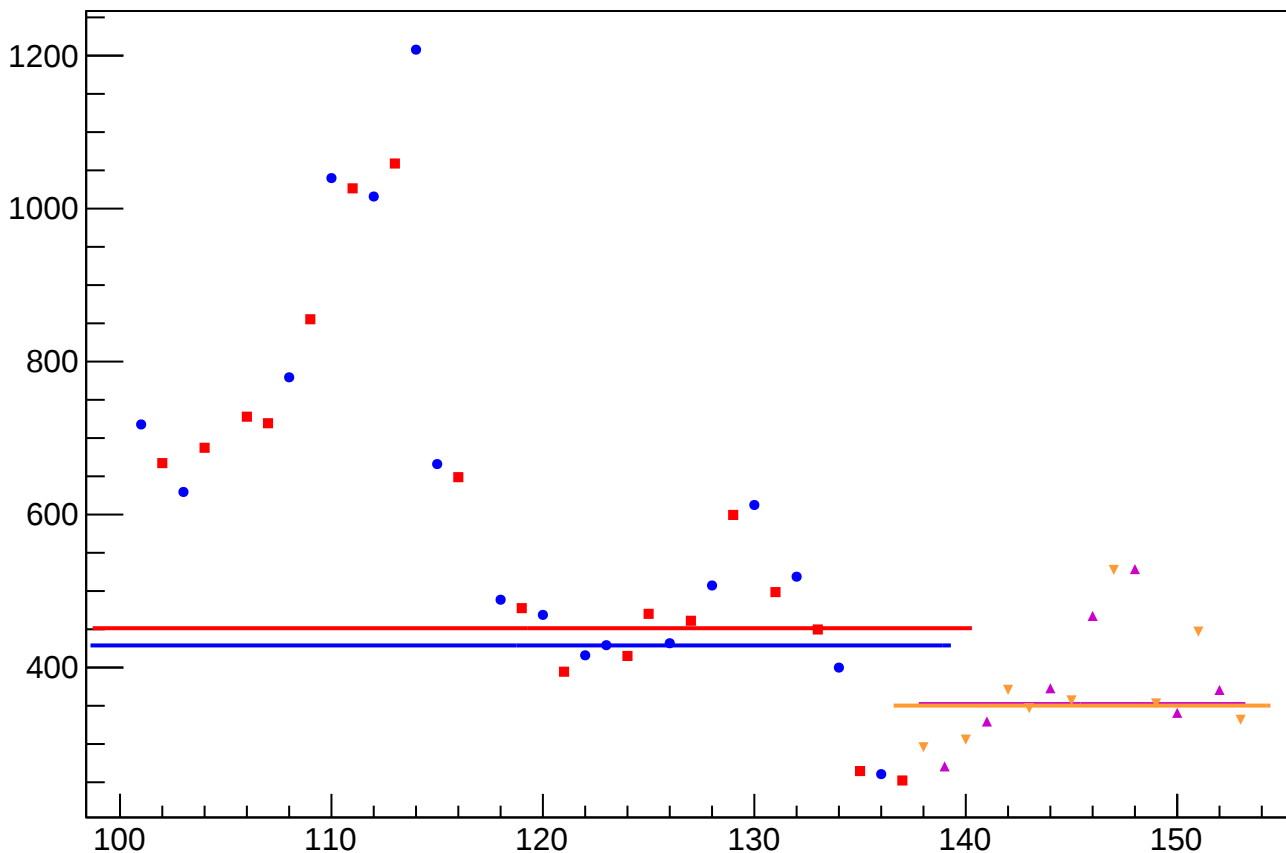
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 112.353 $\pm$ 115.010 χ^2 /NDF: 28.6/23

Out: -25.886 $\pm$ 110.452 χ^2 /NDF: 29.5/26

All: 40.439 $\pm$ 79.664 χ^2 /NDF: 58.9/50

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 350.221 $\pm$ 0.097 χ^2 /NDF:337132.4/8

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 352.227 $\pm$ 0.106 χ^2 /NDF:433747.2/6

Left: 351.141 $\pm$ 0.072 χ^2 /NDF: 771074.0/15

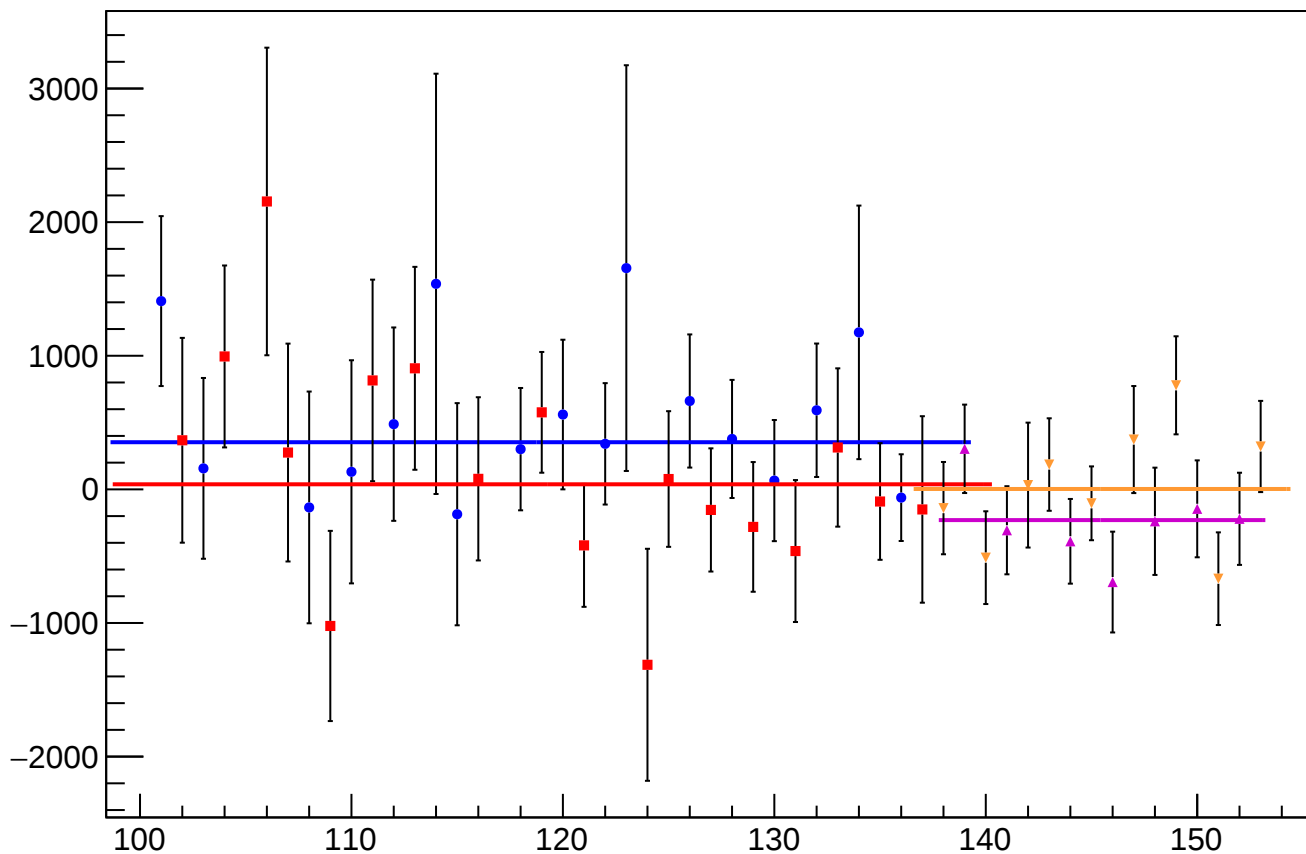
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 383.661 $\pm$ 0.081 χ^2 /NDF:2659303.4/23

Out: 386.455 $\pm$ 0.078 χ^2 /NDF:2753729.1/26

All: 385.115 $\pm$ 0.056 χ^2 /NDF: 5413646.6/50

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 $\chi^2/\text{NDF}: 8.5/16$

Left Out: 2.952 ± 116.826 $\chi^2/\text{NDF}: 12.7/8$

Right Out: 37.982 ± 139.023 $\chi^2/\text{NDF}: 16.9/17$

Left In: -229.970 ± 131.846 $\chi^2/\text{NDF}: 4.5/6$

Left: -99.491 ± 87.439 $\chi^2/\text{NDF}: 19.0/15$

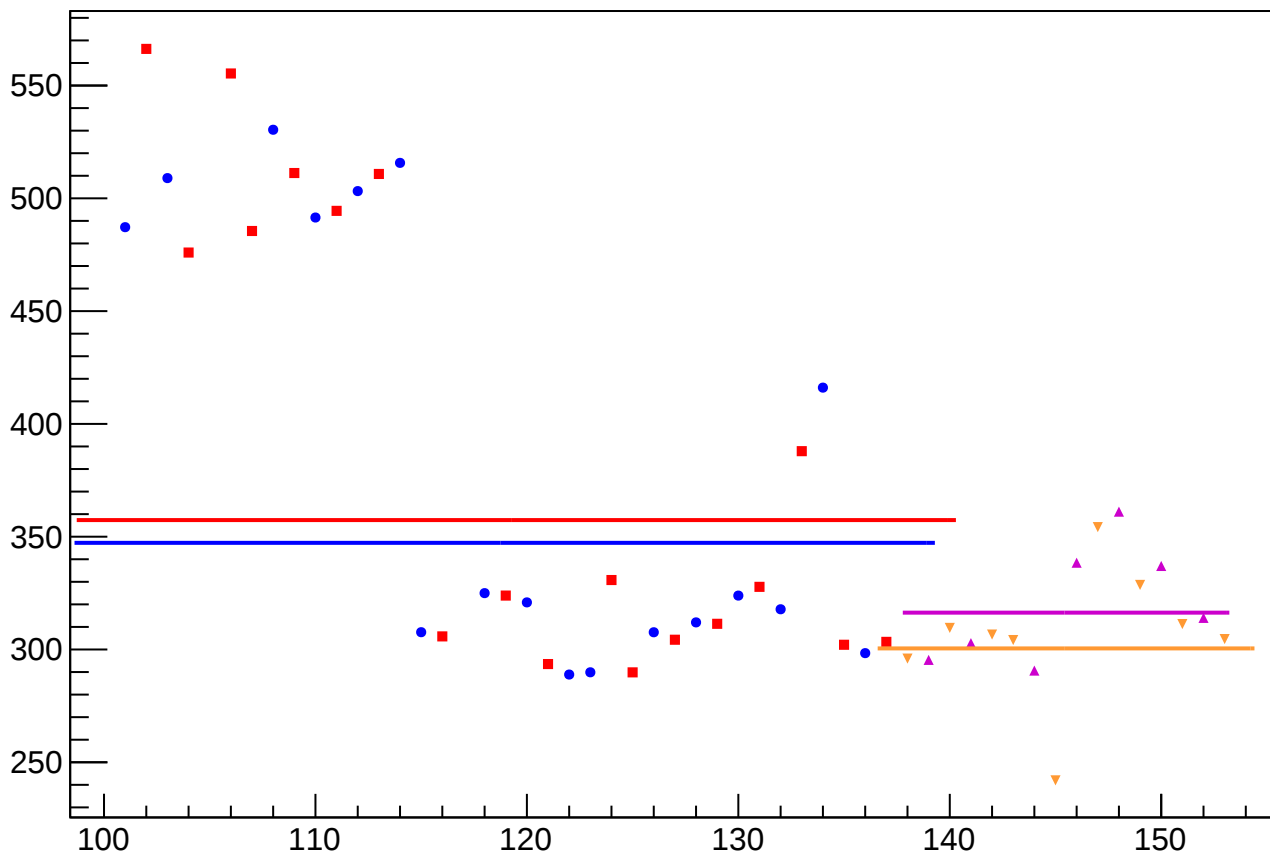
Right: 197.421 ± 97.689 $\chi^2/\text{NDF}: 28.1/34$

In: 49.677 ± 95.098 $\chi^2/\text{NDF}: 22.4/23$

Out: 17.450 ± 89.439 $\chi^2/\text{NDF}: 29.7/26$

All: 32.576 ± 65.152 $\chi^2/\text{NDF}: 52.1/50$

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 300.475 $\pm$ 0.083 χ^2/NDF :141991.0/8

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 316.332 $\pm$ 0.093 χ^2/NDF :62866.3/6

Left: 307.449 $\pm$ 0.062 χ^2/NDF : 221062.3/15

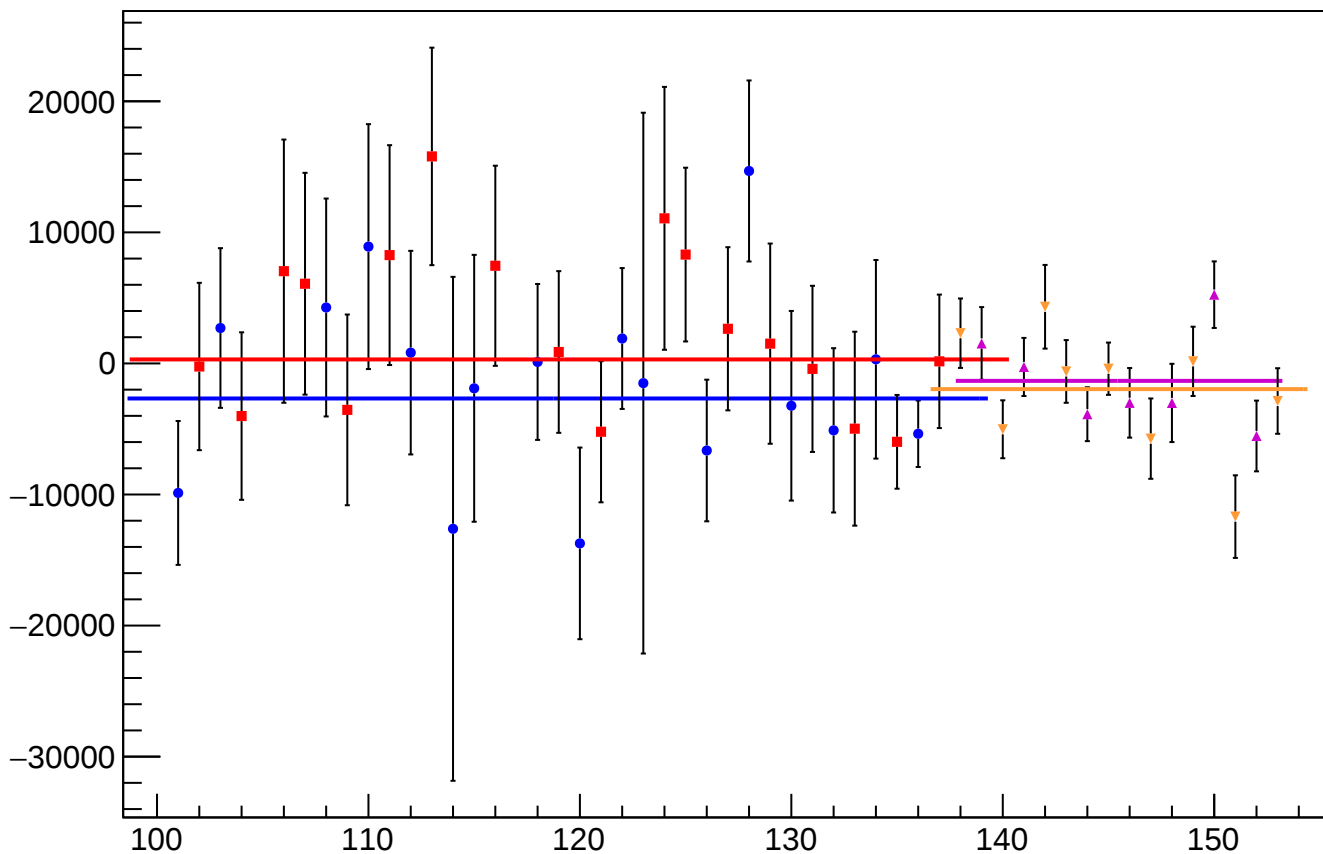
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 331.179 $\pm$ 0.067 χ^2/NDF :734639.5/23

Out: 324.021 $\pm$ 0.063 χ^2/NDF :1098222.7/26

All: 327.381 $\pm$ 0.046 χ^2/NDF : 1838875.1/50

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025+/-1456.188 χ^2/NDF : 16.7/16

Left Out: -1959.514+/-850.675 χ^2/NDF : 21.1/8

Right Out: 304.817+/-1517.834 χ^2/NDF : 14.4/17

Left In: -1330.481+/-946.339 χ^2/NDF : 12.7/6

Left: -1678.390+/-632.644 χ^2/NDF : 34.1/15

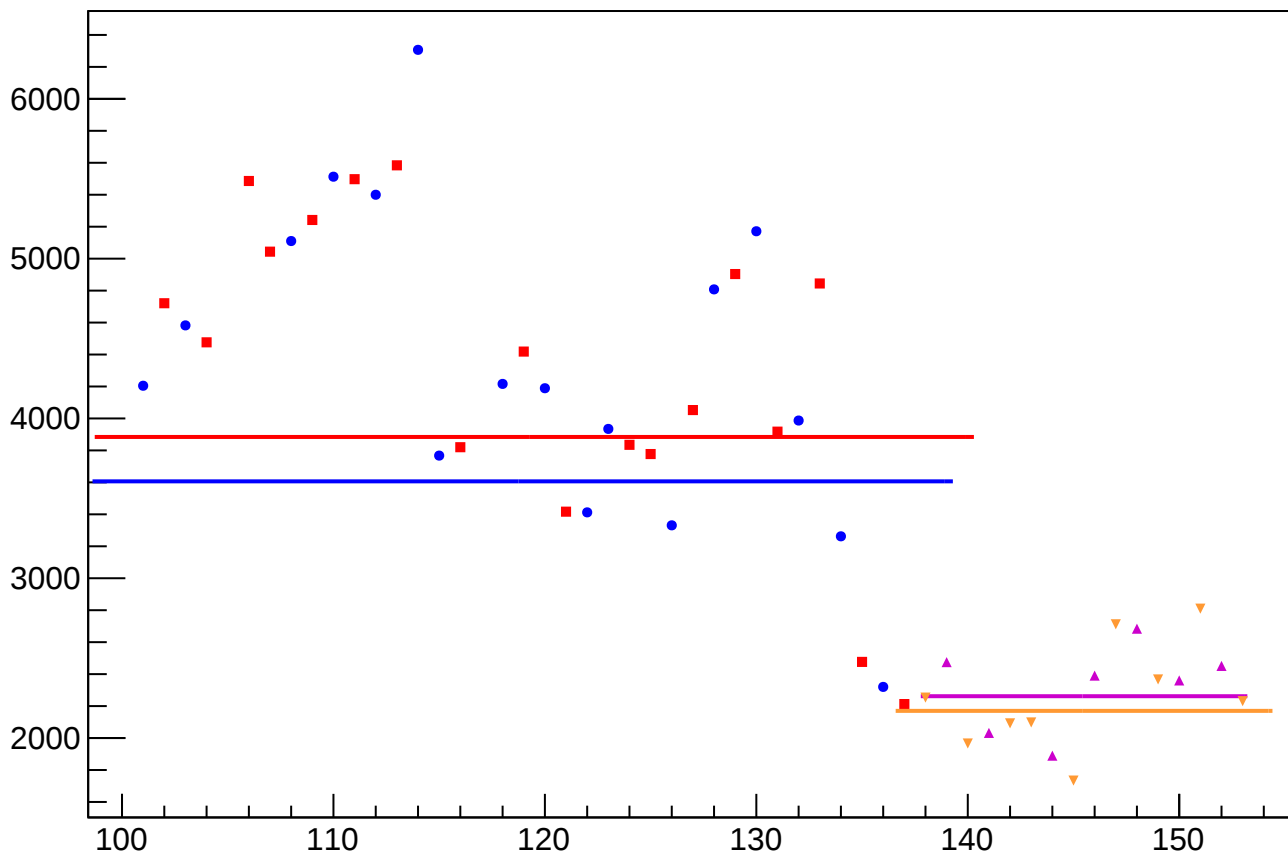
Right: -1246.323+/-1050.798 χ^2/NDF : 33.1/34

In: -1729.422+/-793.498 χ^2/NDF : 30.0/23

Out: -1418.277+/-742.076 χ^2/NDF : 37.2/26

All: -1563.442+/-541.995 χ^2/NDF : 67.3/50

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2170.080+/-0.602 χ^2/NDF : 274907.3/8

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2261.810+/-0.669 χ^2/NDF : 156518.1/6

Left: 2211.076+/-0.447 χ^2/NDF : 441818.7/15

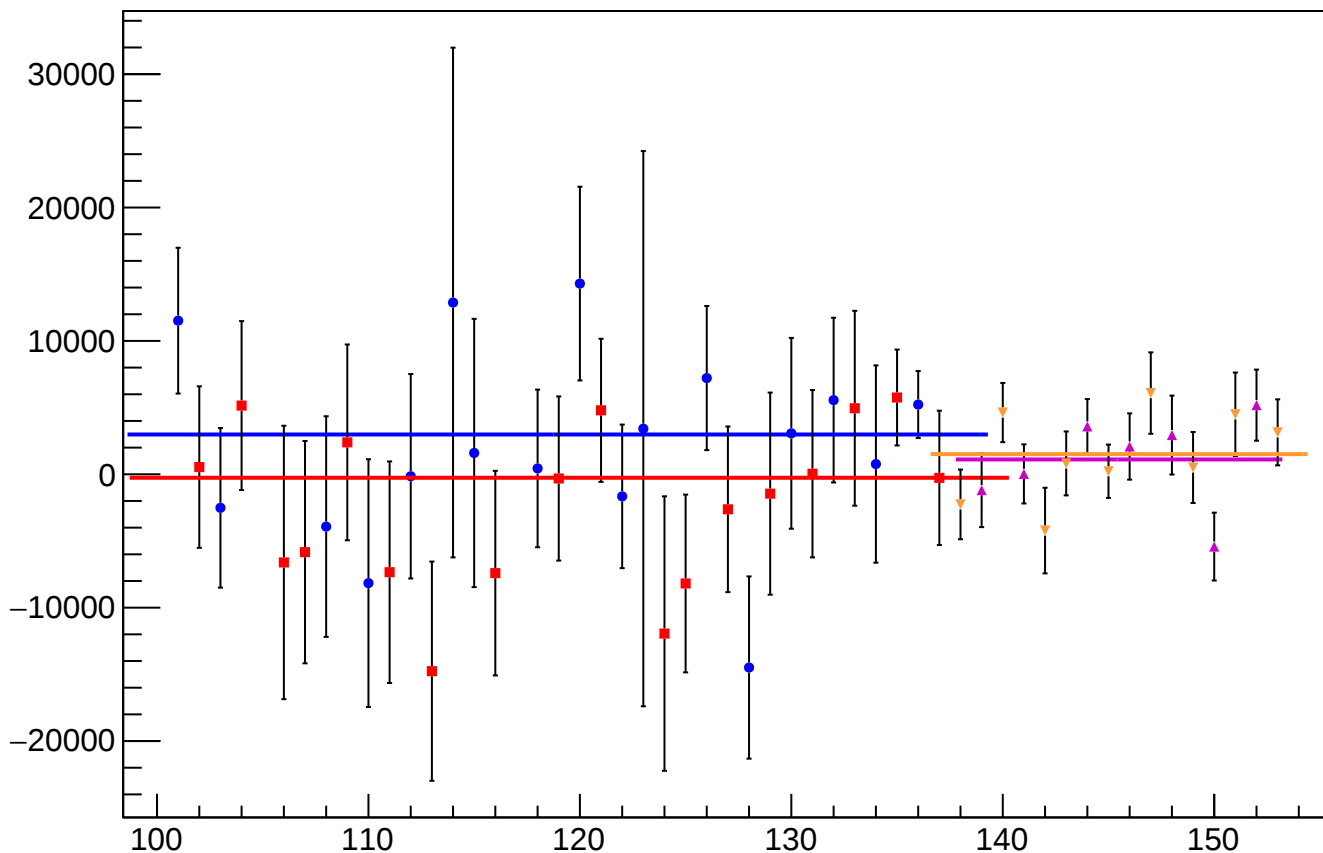
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2661.049+/-0.561 χ^2/NDF : 2447833.1/23

Out: 2579.803+/-0.525 χ^2/NDF : 3210521.9/26

All: 2617.708+/-0.383 χ^2/NDF : 5669540.1/50

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1513.638+/-849.690 χ^2/NDF : 11.5/8

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 1111.459+/-935.244 χ^2/NDF : 11.9/6

Left: 1331.781+/-628.898 χ^2/NDF : 23.4/15

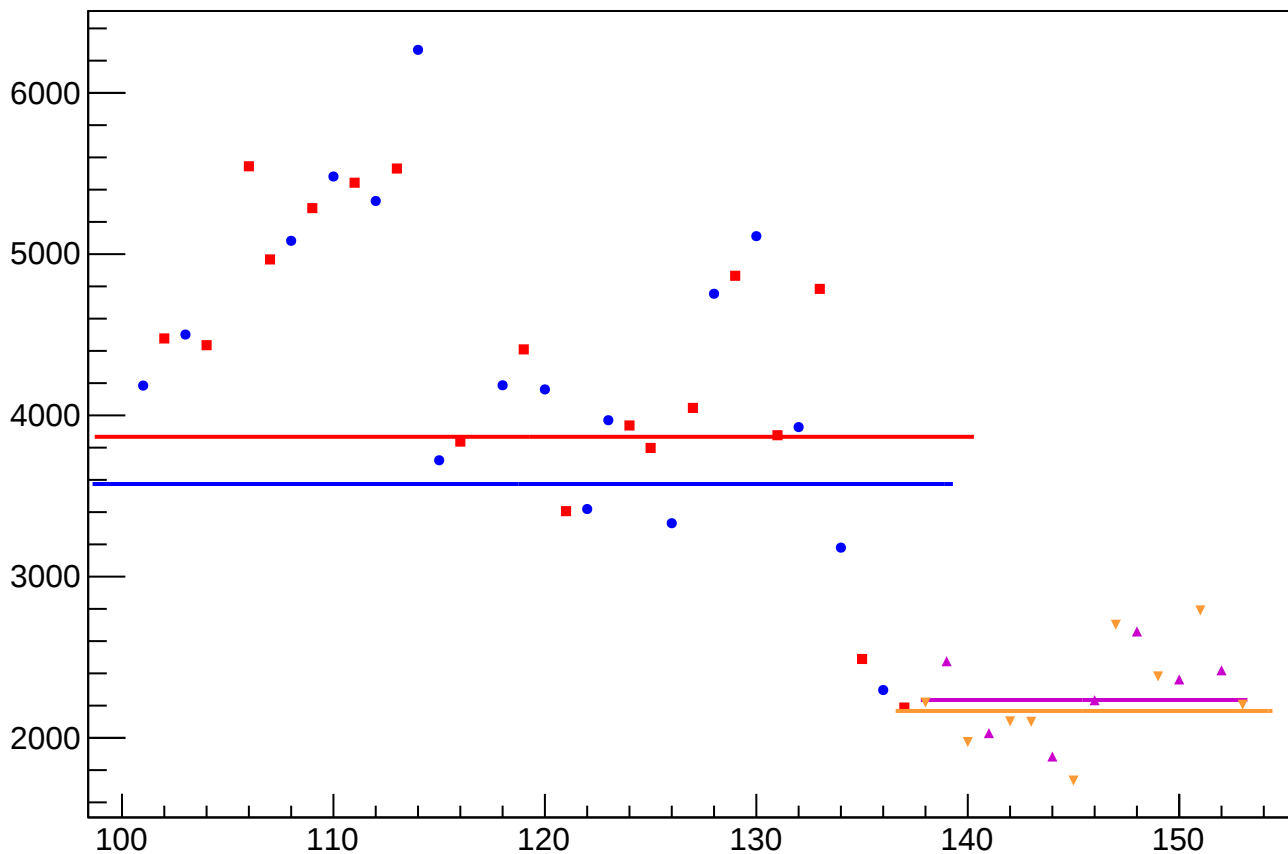
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 1664.914+/-784.923 χ^2/NDF : 30.5/23

Out: 1087.308+/-740.544 χ^2/NDF : 26.0/26

All: 1359.322+/-538.649 χ^2/NDF : 56.8/50

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2166.904 $\pm$ 0.601 χ^2 /NDF:265649.6/8

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2235.002 $\pm$ 0.661 χ^2 /NDF:146412.5/6

Left: 2197.697 $\pm$ 0.445 χ^2 /NDF: 417870.9/15

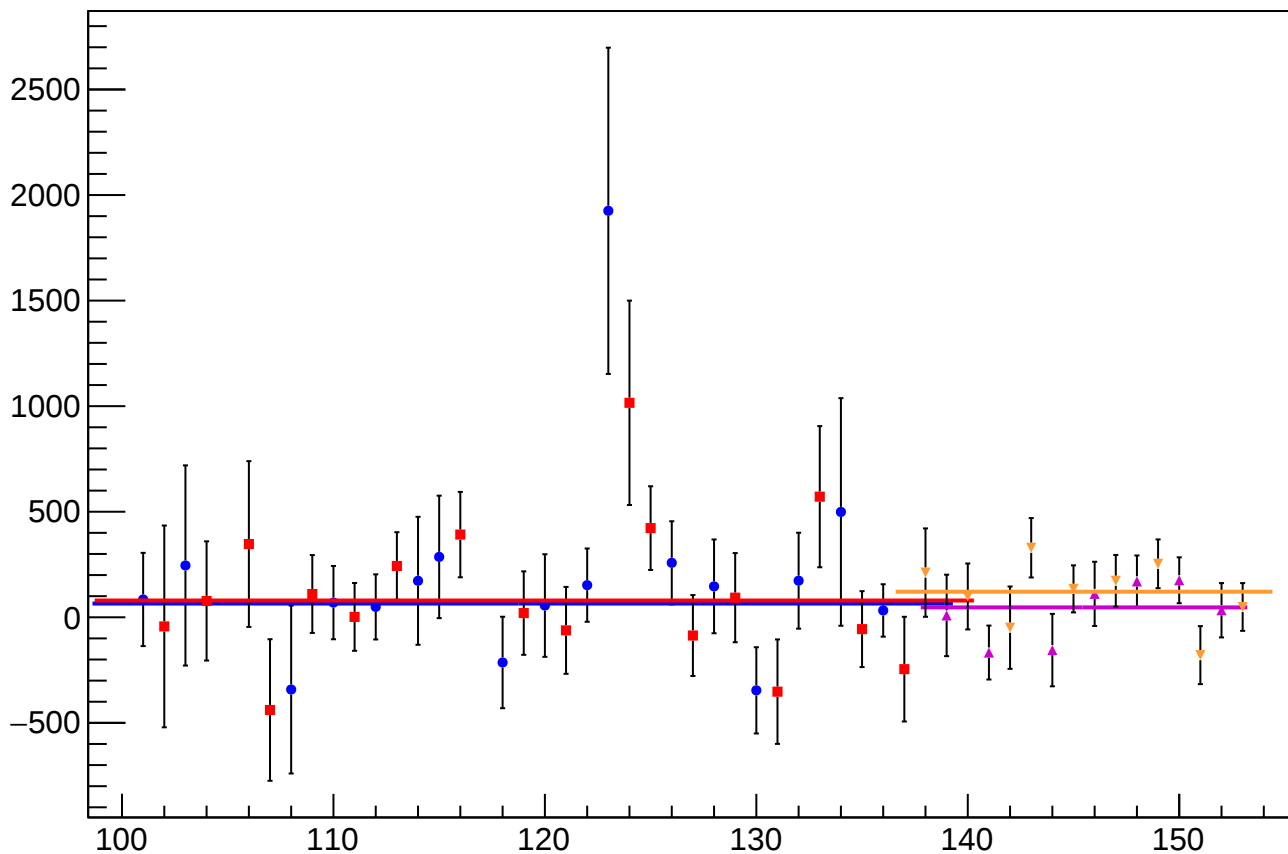
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2630.951 $\pm$ 0.555 χ^2 /NDF:2450360.2/23

Out: 2575.677 $\pm$ 0.524 χ^2 /NDF:3159198.4/26

All: 2601.708 $\pm$ 0.381 χ^2 /NDF: 5614805.9/50

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 121.177 $\pm$ 44.994 χ^2 /NDF:9.9/8

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 46.865 $\pm$ 51.521 χ^2 /NDF:6.8/6

Left: 89.024 $\pm$ 33.890 χ^2 /NDF: 17.9/15

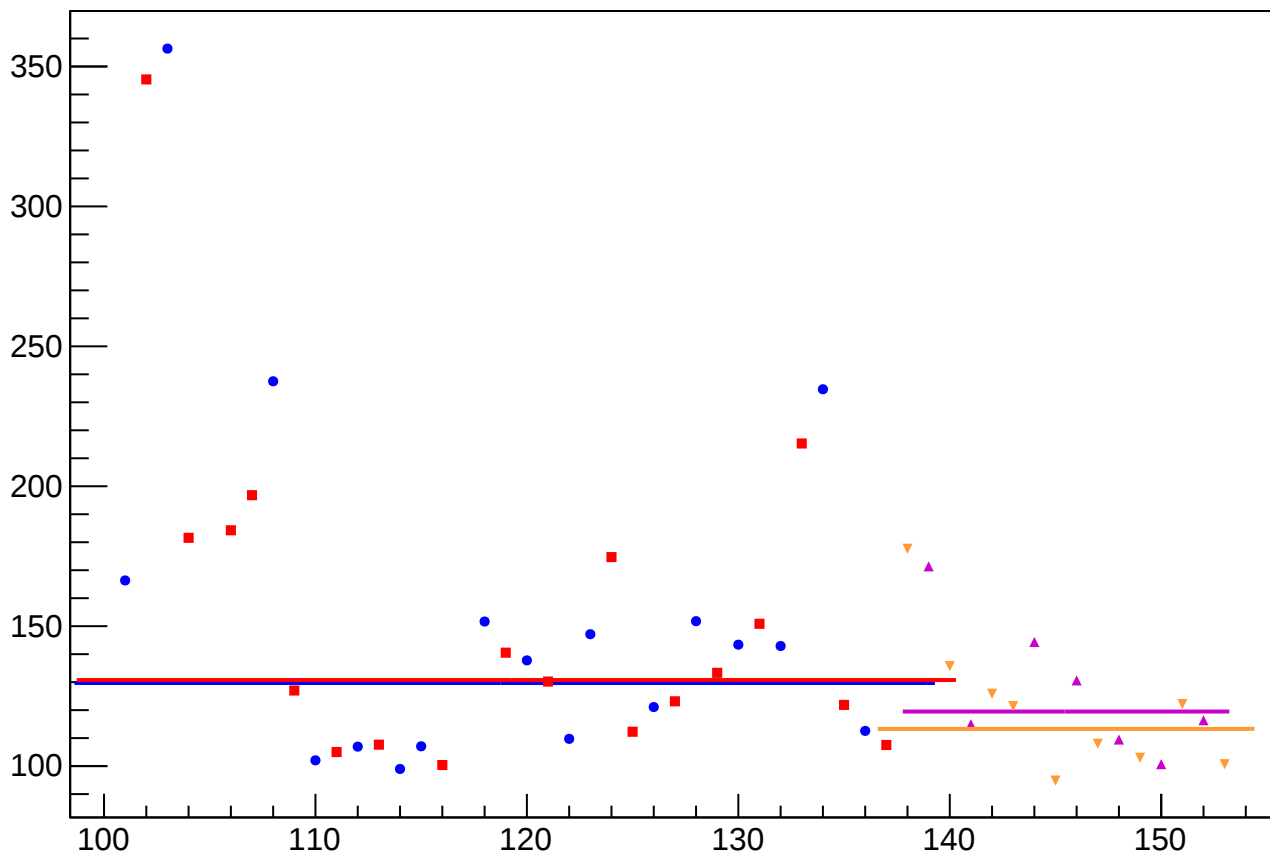
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 55.837 $\pm$ 36.841 χ^2 /NDF:22.6/23

Out: 103.456 $\pm$ 34.121 χ^2 /NDF:32.4/26

All: 81.469 $\pm$ 25.033 χ^2 /NDF: 55.9/50

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 113.298 $\pm$ 0.032 χ^2 /NDF: 353290.5/8

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 119.498 $\pm$ 0.036 χ^2 /NDF: 274032.4/6

Left: 115.981 $\pm$ 0.024 χ^2 /NDF: 643752.7/15

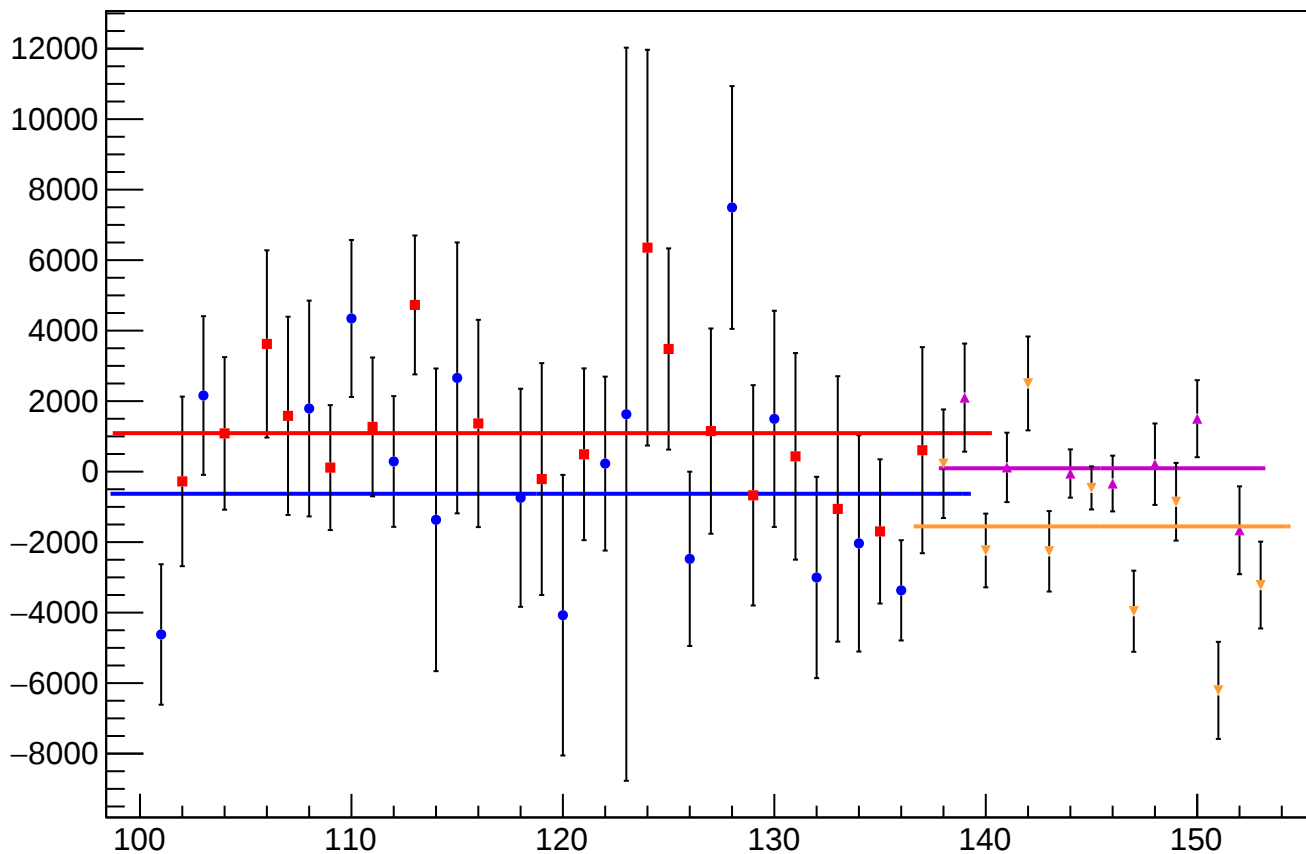
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 124.482 $\pm$ 0.026 χ^2 /NDF: 1302011.6/23

Out: 120.715 $\pm$ 0.024 χ^2 /NDF: 1408693.3/26

All: 122.454 $\pm$ 0.018 χ^2 /NDF: 2721963.1/50

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 χ^2/NDF : 24.3/16

Left Out: -1553.174 ± 351.102 χ^2/NDF : 32.6/8

Right Out: 1091.945 ± 599.483 χ^2/NDF : 9.4/17

Left In: 95.221 ± 367.170 χ^2/NDF : 5.7/6

Left: -765.834 ± 253.757 χ^2/NDF : 48.9/15

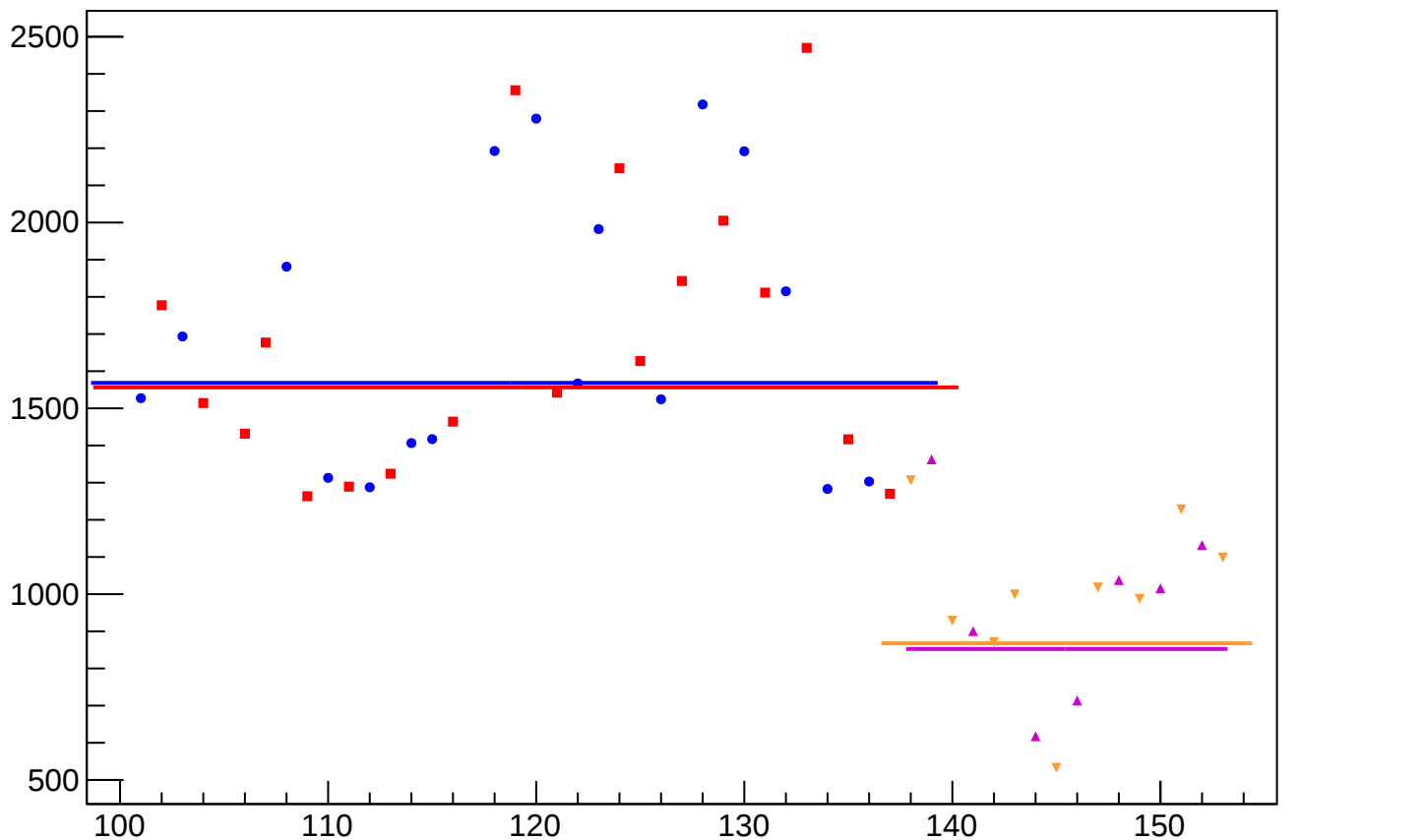
Right: 262.874 ± 431.468 χ^2/NDF : 37.6/34

In: -91.944 ± 316.123 χ^2/NDF : 31.0/23

Out: -877.593 ± 302.965 χ^2/NDF : 56.5/26

All: -501.458 ± 218.732 χ^2/NDF : 90.7/50

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480+/-0.439 χ^2/NDF : 534197.6/16

Left Out: 867.616+/-0.248 χ^2/NDF : 1062073.8/8

Right Out: 1556.423+/-0.424 χ^2/NDF : 510453.6/17

Left In: 852.614+/-0.260 χ^2/NDF : 719787.5/6

Left: 860.450+/-0.179 χ^2/NDF : 1783605.4/15

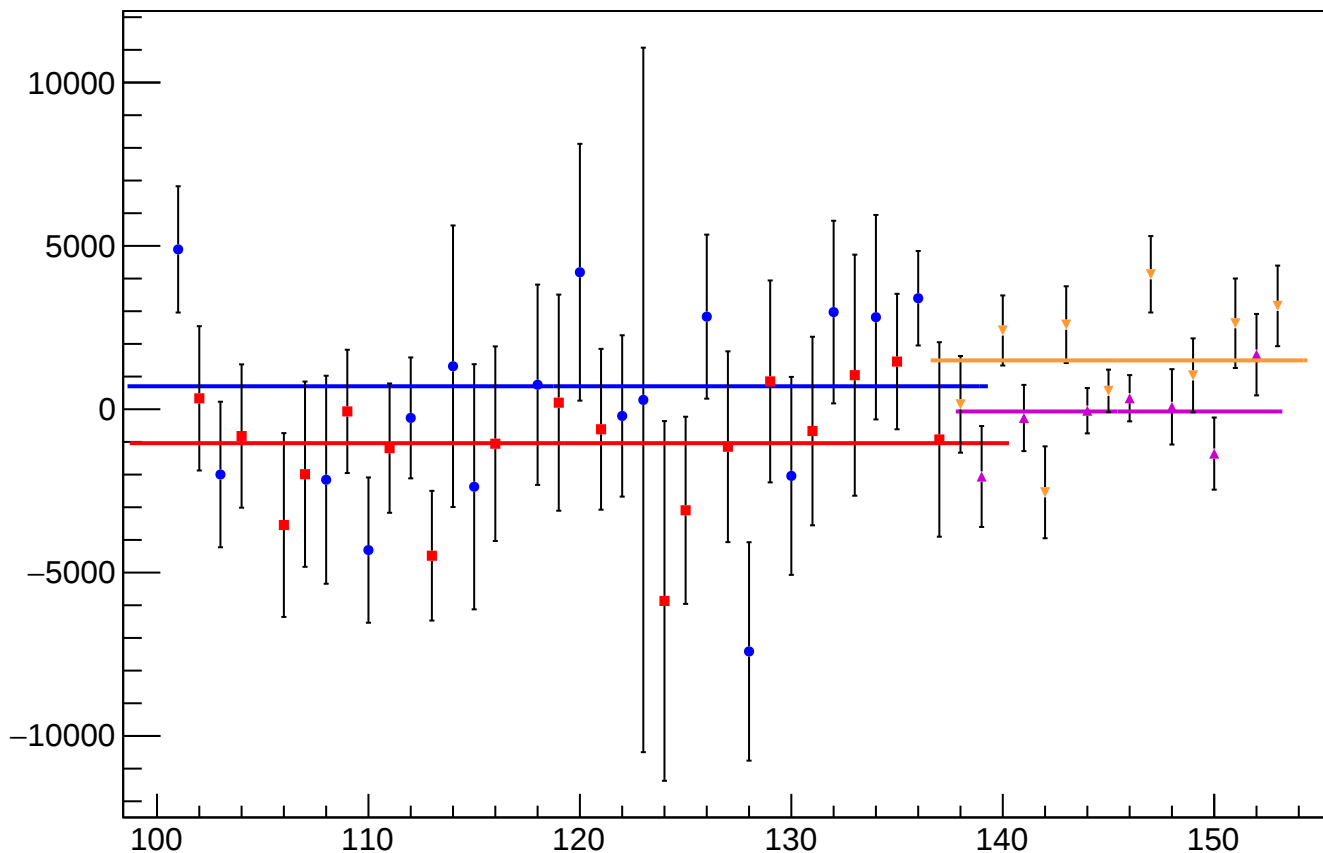
Right: 1562.235+/-0.305 χ^2/NDF : 1045041.2/34

In: 1037.830+/-0.224 χ^2/NDF : 3220995.2/23

Out: 1043.542+/-0.214 χ^2/NDF : 3538561.5/26

All: 1040.808+/-0.155 χ^2/NDF : 6759897.1/50

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057 $\pm$ 620.618 χ^2 /NDF: 26.0/16

Left Out: 1494.865 $\pm$ 362.164 χ^2 /NDF:20.5/8

Right Out: -1038.423 $\pm$ 604.250 χ^2 /NDF: 8.2/17

Left In: -68.779 $\pm$ 360.751 χ^2 /NDF:5.4/6

Left: 709.987 $\pm$ 255.587 χ^2 /NDF: 35.2/15

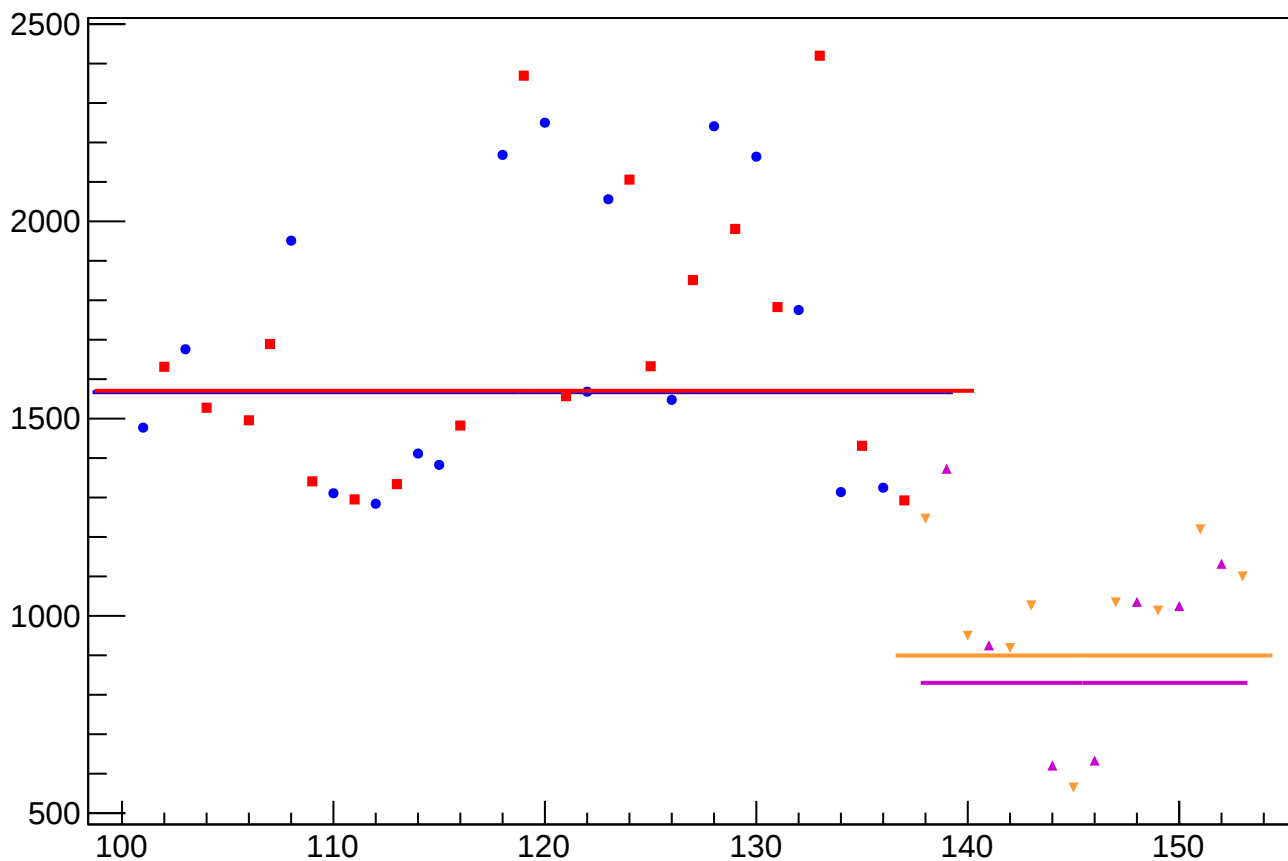
Right: -190.951 $\pm$ 432.940 χ^2 /NDF: 38.2/34

In: 126.149 $\pm$ 311.888 χ^2 /NDF:32.5/23

Out: 825.339 $\pm$ 310.640 χ^2 /NDF:41.6/26

All: 477.145 $\pm$ 220.096 χ^2 /NDF: 76.6/50

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 899.593 $\pm$ 0.256 χ^2 /NDF: 877022.1/8

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 830.228 $\pm$ 0.255 χ^2 /NDF: 845168.5/6

Left: 864.775 $\pm$ 0.181 χ^2 /NDF: 1759017.6/15

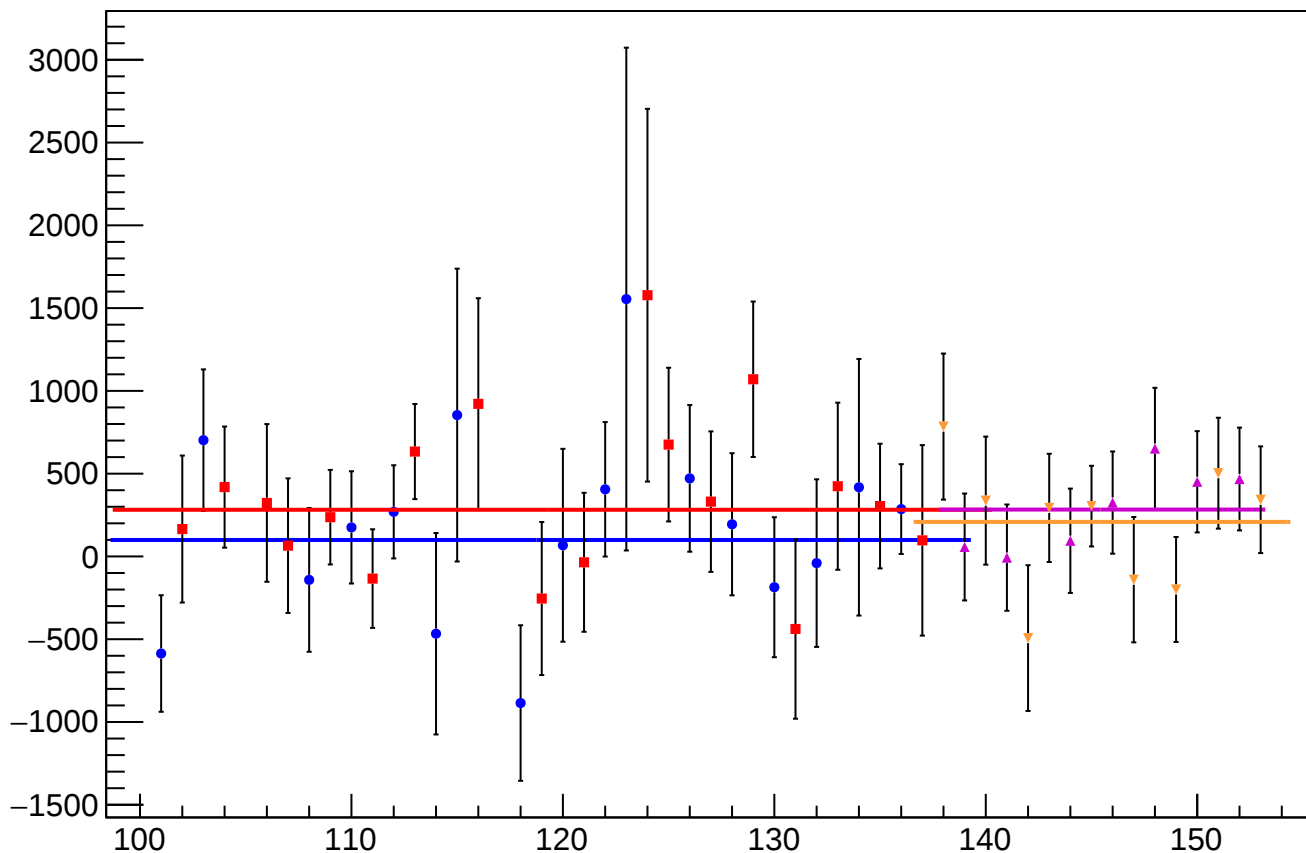
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1016.284 $\pm$ 0.221 χ^2 /NDF: 3451481.2/23

Out: 1076.920 $\pm$ 0.220 χ^2 /NDF: 3130506.7/26

All: 1046.724 $\pm$ 0.156 χ^2 /NDF: 6619938.1/50

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2/NDF : 15.9/16

Left Out: 208.772 $\pm$ 112.742 χ^2/NDF : 8.0/8

Right Out: 281.830 $\pm$ 97.880 χ^2/NDF : 13.7/17

Left In: 283.104 $\pm$ 120.959 χ^2/NDF : 3.3/6

Left: 243.328 $\pm$ 82.473 χ^2/NDF : 11.6/15

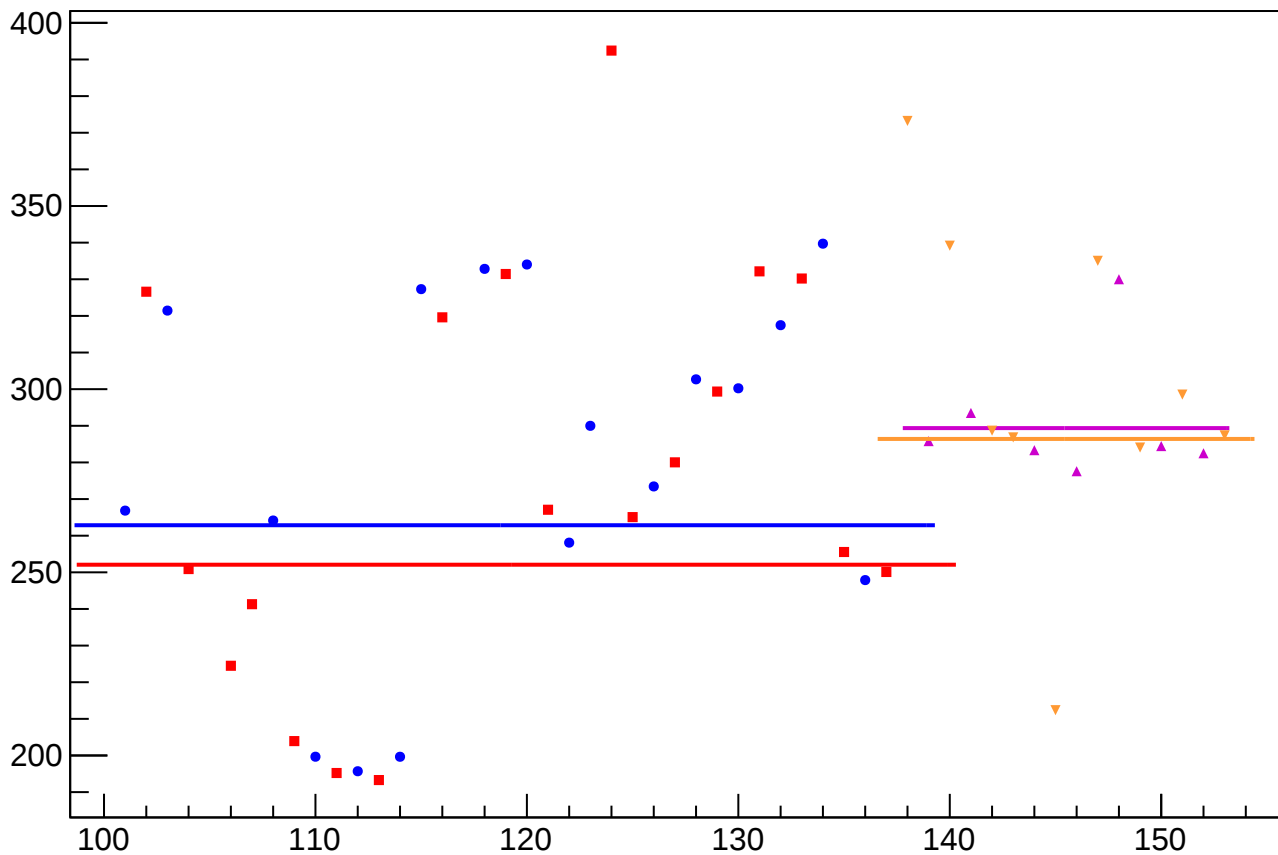
Right: 195.664 $\pm$ 71.104 χ^2/NDF : 31.3/34

In: 177.010 $\pm$ 78.624 χ^2/NDF : 20.6/23

Out: 250.430 $\pm$ 73.912 χ^2/NDF : 22.0/26

All: 215.987 $\pm$ 53.852 χ^2/NDF : 43.0/50

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 286.414+/-0.080 χ^2/NDF :335249.6/8

Right Out: 252.079+/-0.069 χ^2/NDF : 515150.4/17

Left In: 289.371+/-0.086 χ^2/NDF :30224.6/6

Left: 287.789+/-0.058 χ^2/NDF : 366114.0/15

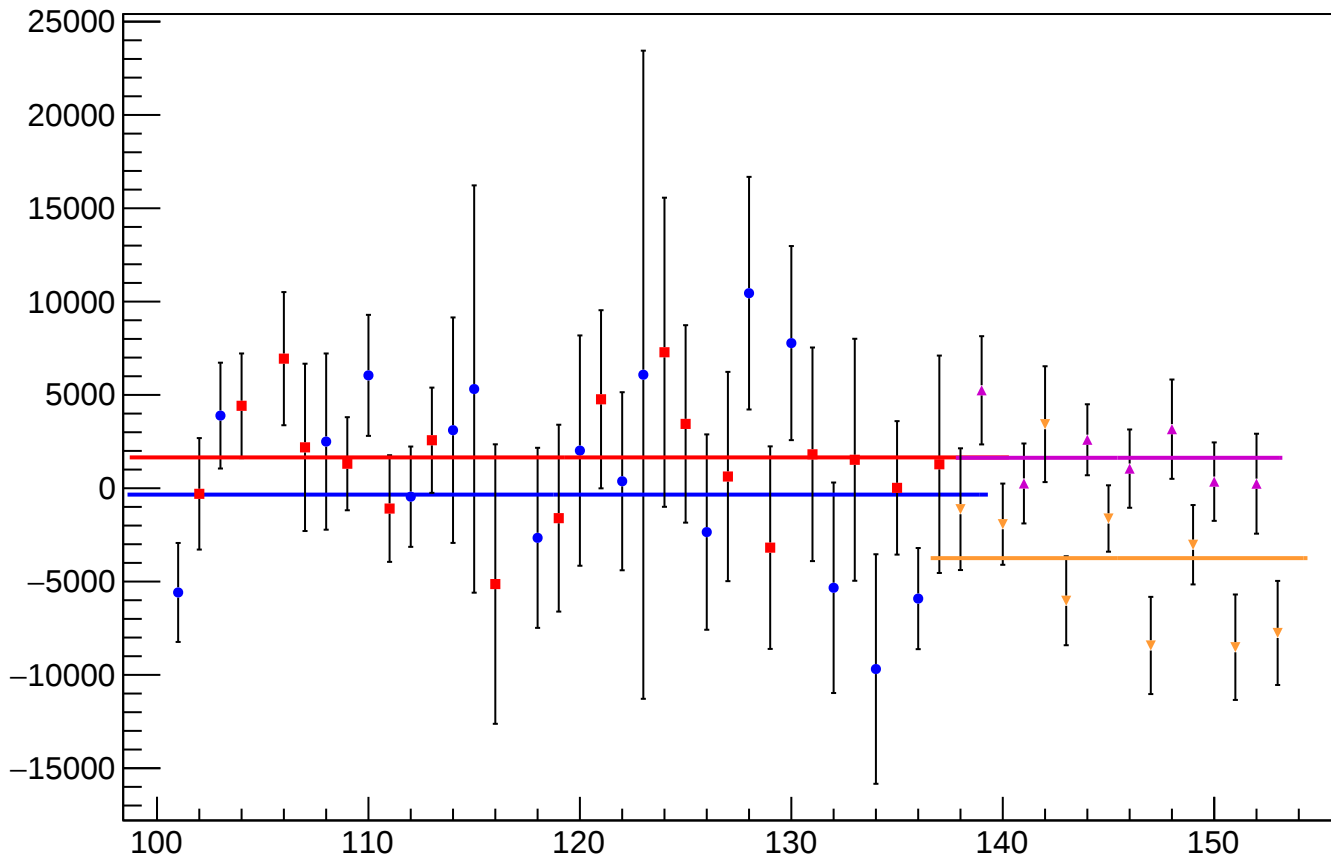
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 274.059+/-0.056 χ^2/NDF :497421.3/23

Out: 266.836+/-0.052 χ^2/NDF :956169.9/26

All: 270.225+/-0.038 χ^2/NDF : 1462552.7/50

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538+/-1004.635 χ^2/NDF : 24.4/16

Left Out: -3744.845+/-810.117 χ^2/NDF : 17.3/8

Right Out: 1651.954+/-929.858 χ^2/NDF : 7.9/17

Left In: 1630.408+/-861.335 χ^2/NDF : 3.3/6

Left: -1221.777+/-590.116 χ^2/NDF : 41.2/15

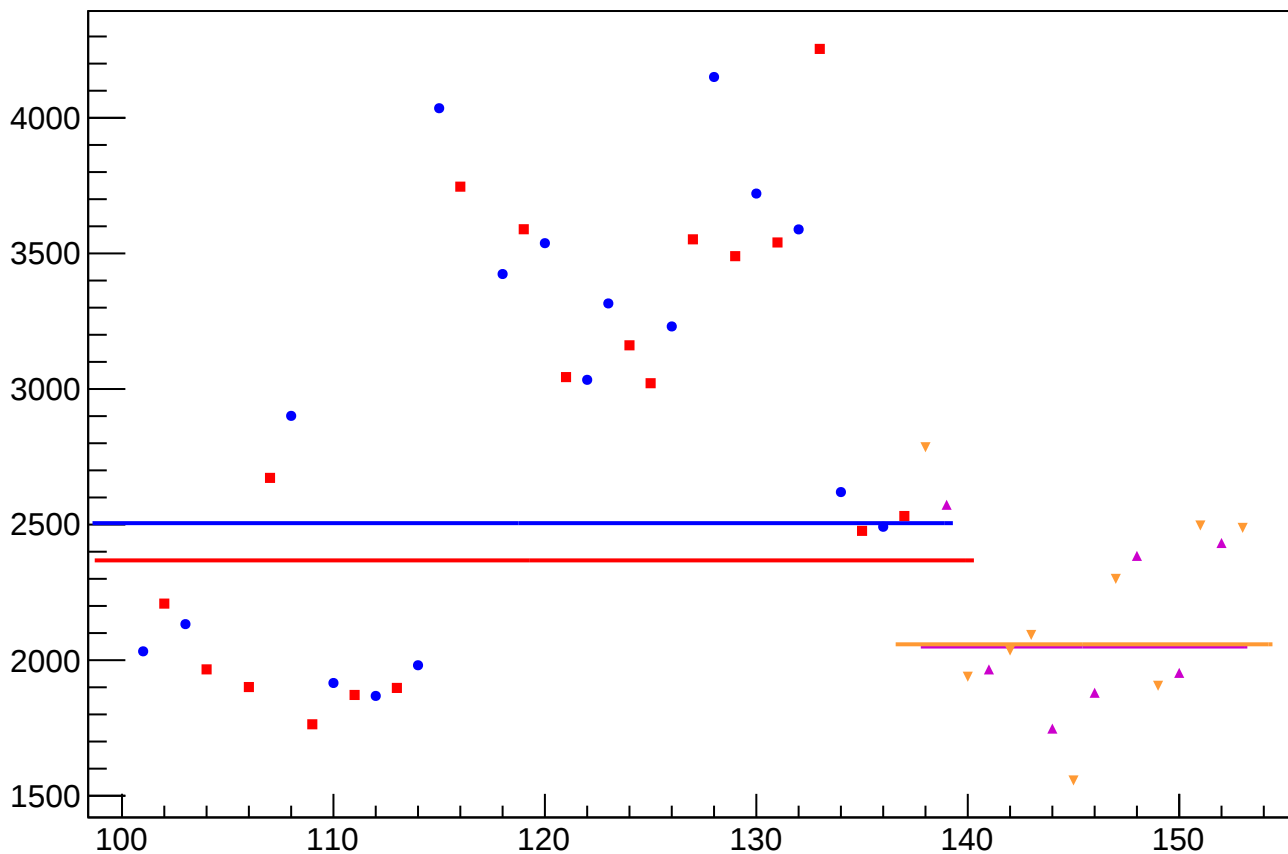
Right: 732.150+/-682.415 χ^2/NDF : 34.5/34

In: 794.985+/-653.904 χ^2/NDF : 29.9/23

Out: -1416.088+/-610.816 χ^2/NDF : 44.4/26

All: -385.794+/-446.368 χ^2/NDF : 80.4/50

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2058.540 $\pm$ 0.573 χ^2/NDF : 388268.0/8

Right Out: 2368.003 $\pm$ 0.658 χ^2/NDF : 1030879.9/17

Left In: 2050.283 $\pm$ 0.609 χ^2/NDF : 208468.7/6

Left: 2054.664 $\pm$ 0.417 χ^2/NDF : 596834.2/15

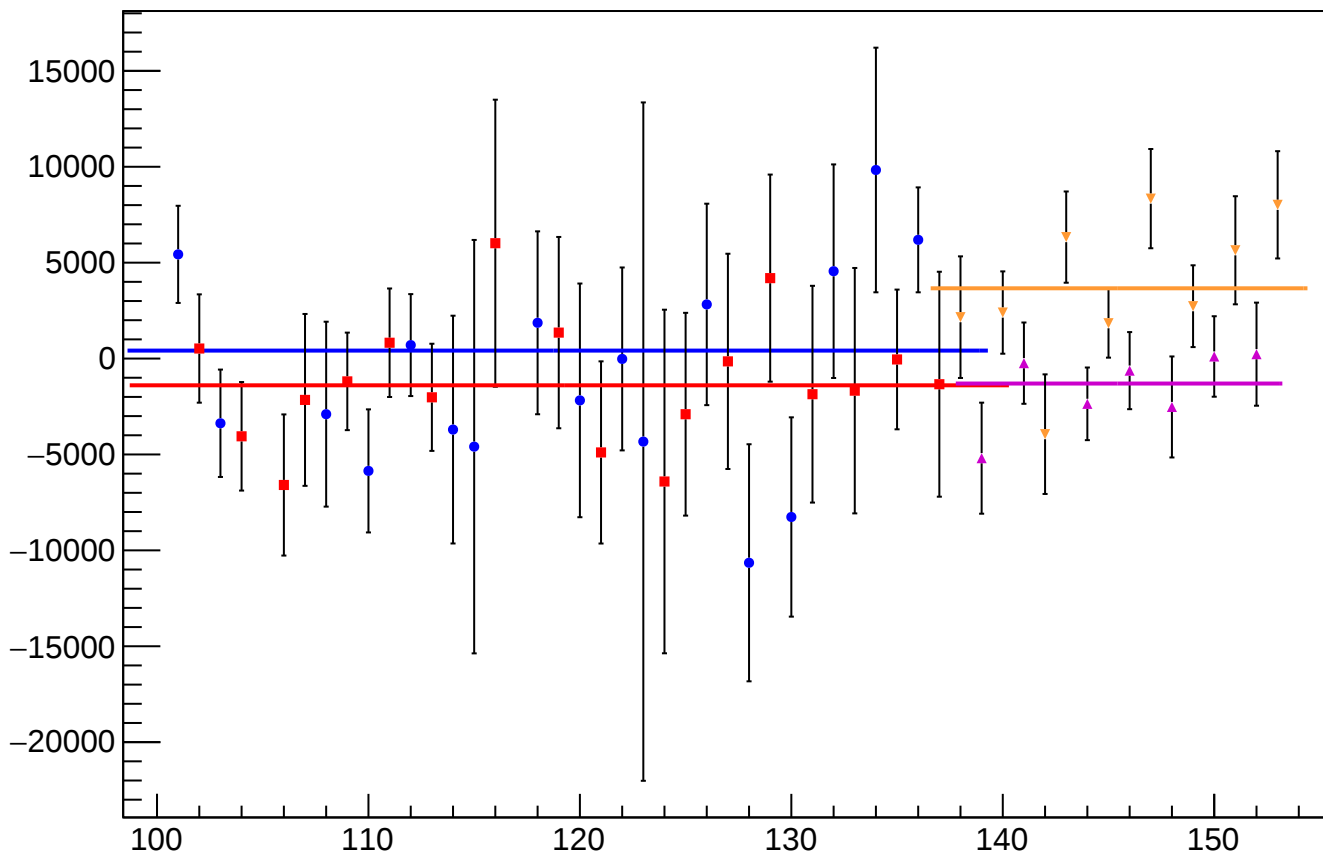
Right: 2431.366 $\pm$ 0.483 χ^2/NDF : 1915141.0/34

In: 2243.065 $\pm$ 0.462 χ^2/NDF : 1309090.1/23

Out: 2192.075 $\pm$ 0.432 χ^2/NDF : 1545081.0/26

All: 2215.835 $\pm$ 0.316 χ^2/NDF : 2860665.4/50

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3663.431+/-808.585 χ^2/NDF :15.2/8

Right Out: -1394.660+/-928.996 χ^2/NDF : 7.5/17

Left In: -1302.056+/-851.818 χ^2/NDF :3.5/6

Left: 1309.886+/-586.444 χ^2/NDF : 36.5/15

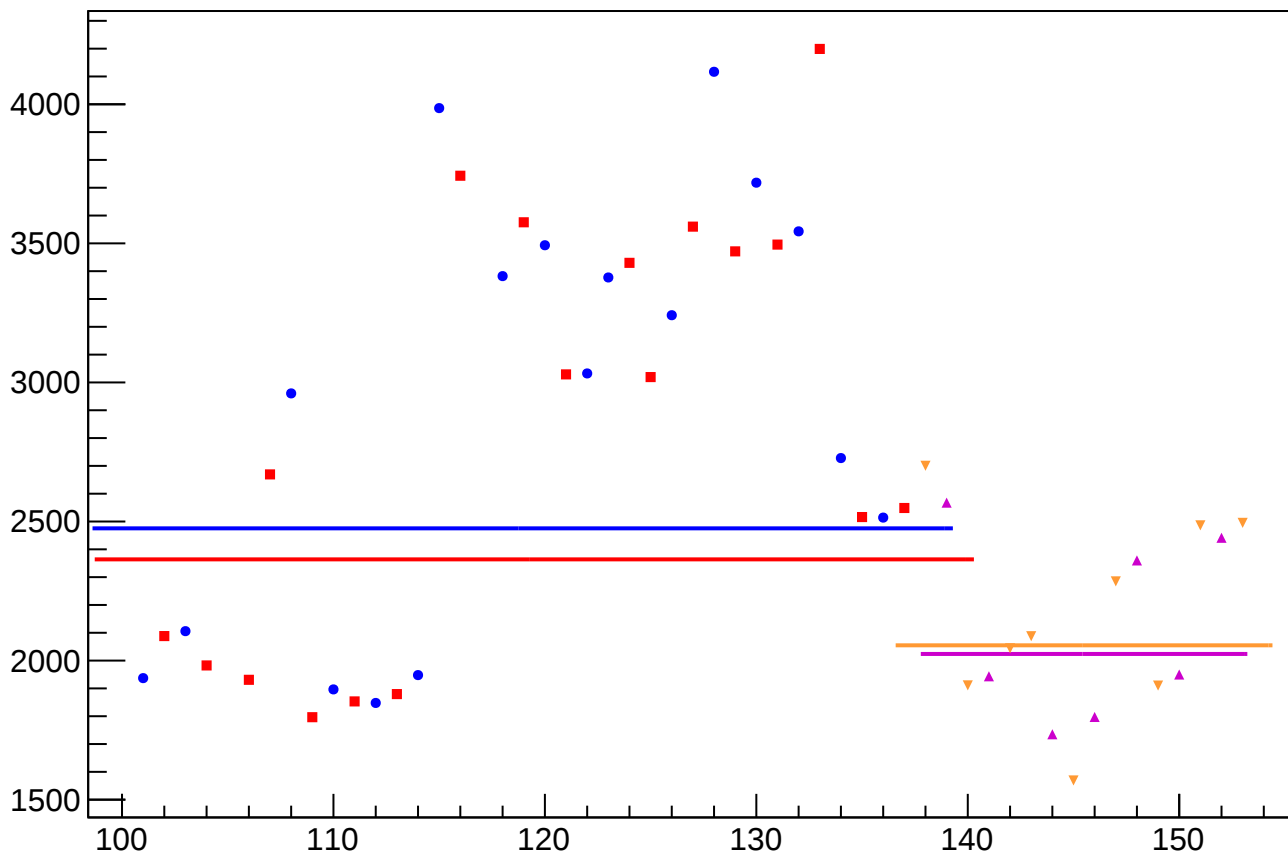
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -575.550+/-647.058 χ^2/NDF :29.7/23

Out: 1483.225+/-609.915 χ^2/NDF :39.6/26

All: 514.621+/-443.825 χ^2/NDF : 74.6/50

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2054.915 $\pm$ 0.572 χ^2/NDF : 360179.2/8

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 2023.850 $\pm$ 0.602 χ^2/NDF : 228778.5/6

Left: 2040.191 $\pm$ 0.415 χ^2/NDF : 590356.9/15

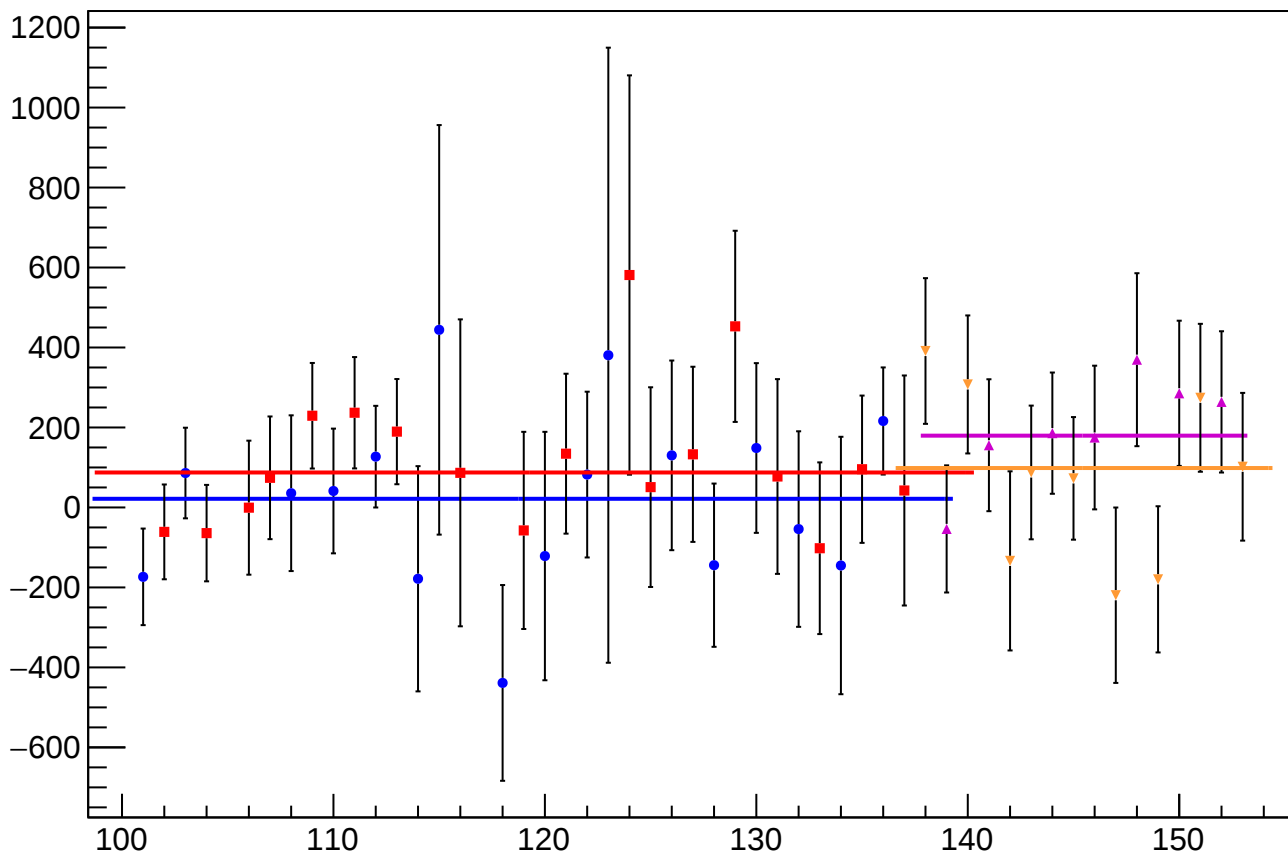
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2214.860 $\pm$ 0.458 χ^2/NDF : 1379607.6/23

Out: 2188.101 $\pm$ 0.431 χ^2/NDF : 1512942.7/26

All: 2200.690 $\pm$ 0.314 χ^2/NDF : 2894361.5/50

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 98.574 $\pm$ 60.718 χ^2/NDF : 10.5/8

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 179.532 $\pm$ 65.292 χ^2/NDF : 3.5/6

Left: 136.119 $\pm$ 44.463 χ^2/NDF : 14.8/15

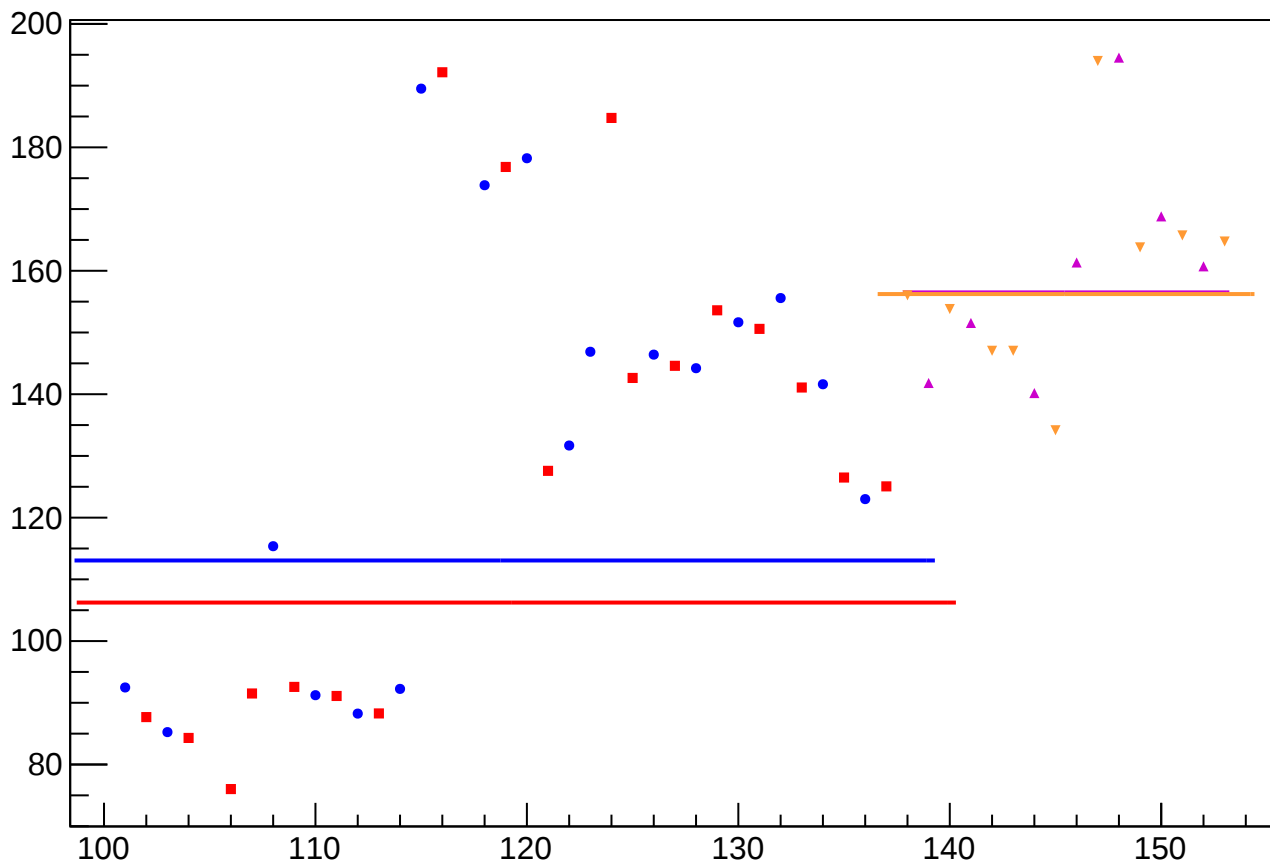
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 72.734 $\pm$ 37.139 χ^2/NDF : 20.1/23

Out: 91.022 $\pm$ 34.445 χ^2/NDF : 21.4/26

All: 82.565 $\pm$ 25.255 χ^2/NDF : 41.6/50

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 156.228+/-0.043 χ^2/NDF :123544.6/8

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 156.499+/-0.046 χ^2/NDF :115685.4/6

Left: 156.354+/-0.031 χ^2/NDF : 239248.4/15

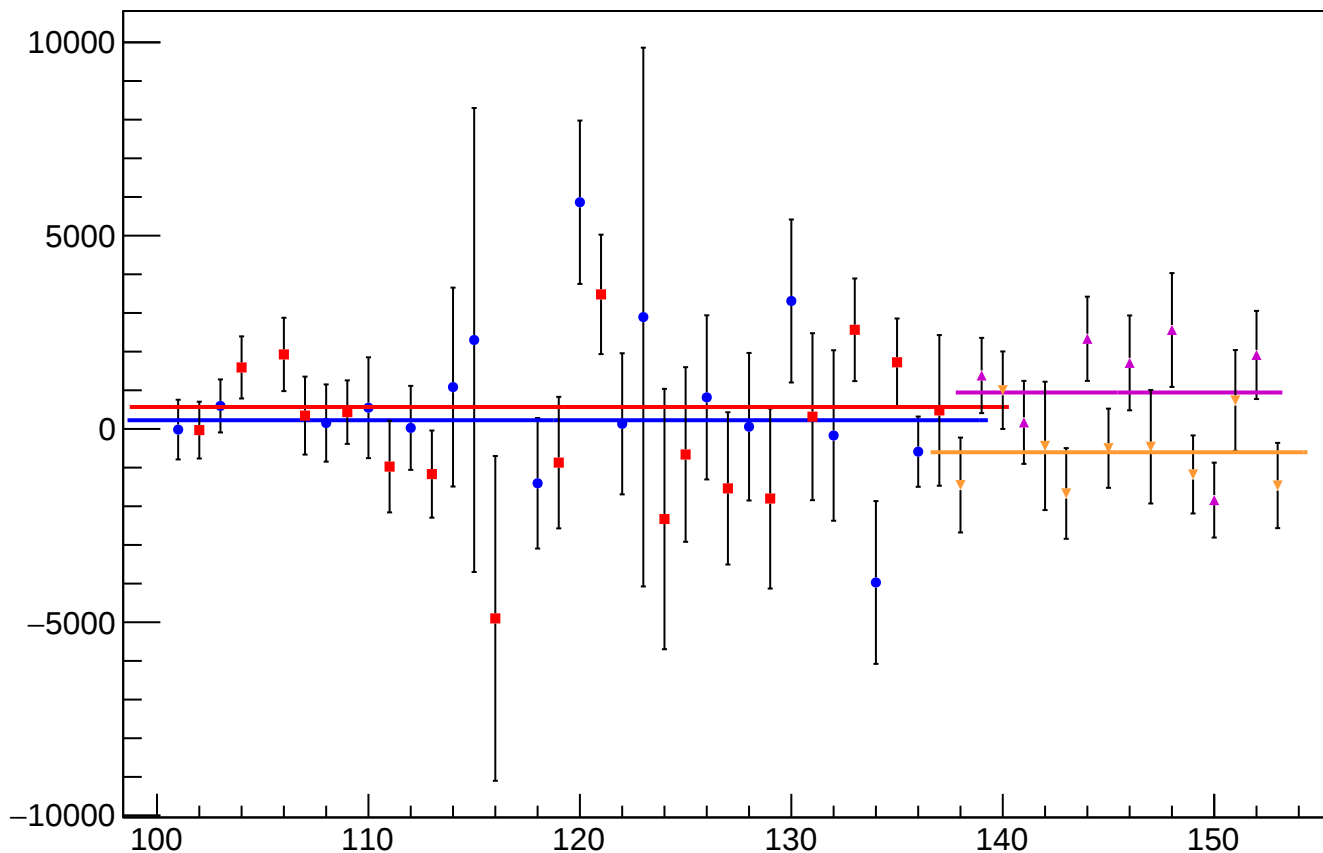
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 127.114+/-0.026 χ^2/NDF :1535338.3/23

Out: 122.327+/-0.024 χ^2/NDF :1994578.6/26

All: 124.541+/-0.018 χ^2/NDF : 3547780.1/50

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -602.860 $\pm$ 390.515 χ^2 /NDF:5.9/8

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 943.024 $\pm$ 417.860 χ^2 /NDF:12.9/6

Left: 117.849 $\pm$ 285.314 χ^2 /NDF: 26.1/15

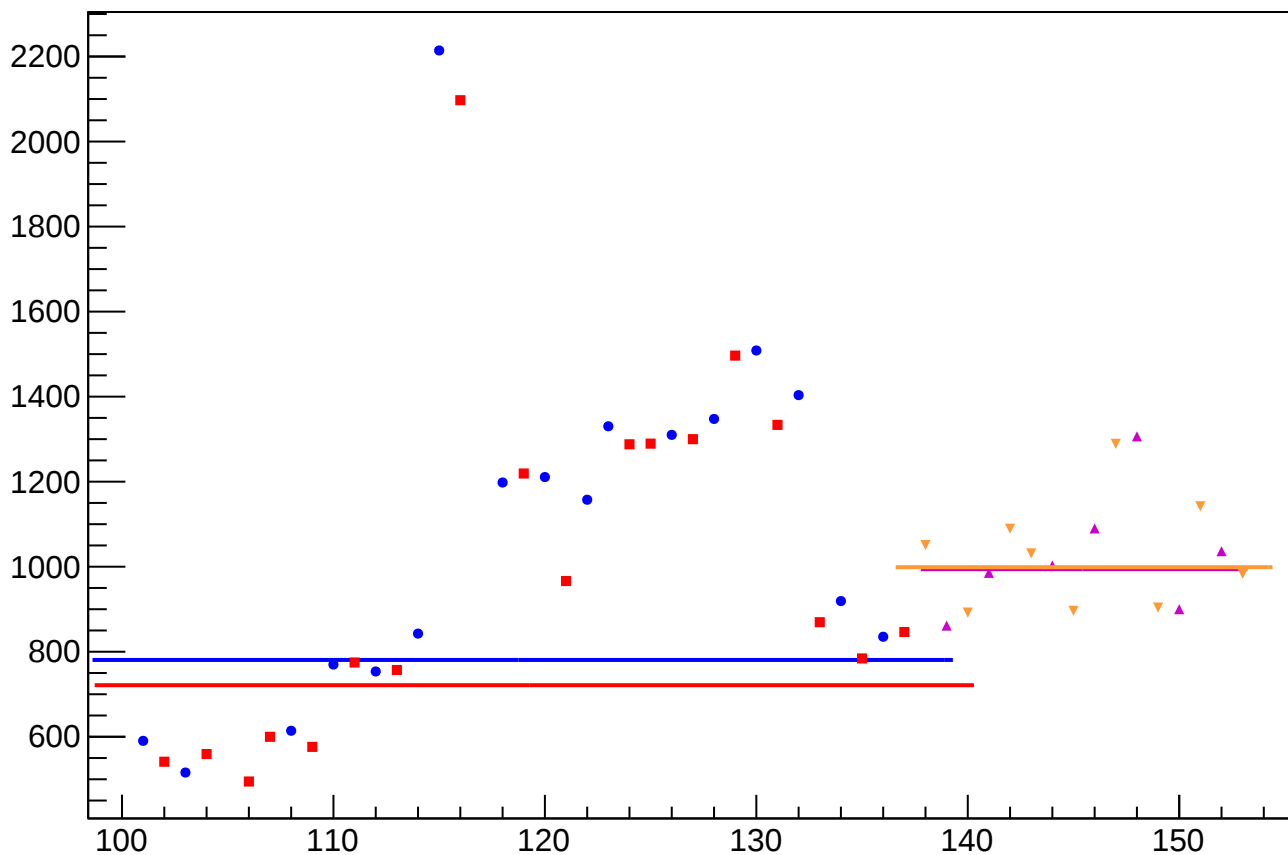
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 492.302 $\pm$ 254.764 χ^2 /NDF:30.7/23

Out: 150.964 $\pm$ 233.082 χ^2 /NDF:32.6/26

All: 306.492 $\pm$ 171.969 χ^2 /NDF: 64.4/50

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700+/-0.227 χ^2/NDF : 1609510.2/16

Left Out: 998.852+/-0.276 χ^2/NDF :174237.4/8

Right Out: 721.264+/-0.205 χ^2/NDF : 1626627.9/17

Left In: 994.216+/-0.295 χ^2/NDF :161336.7/6

Left: 996.691+/-0.202 χ^2/NDF : 335705.6/15

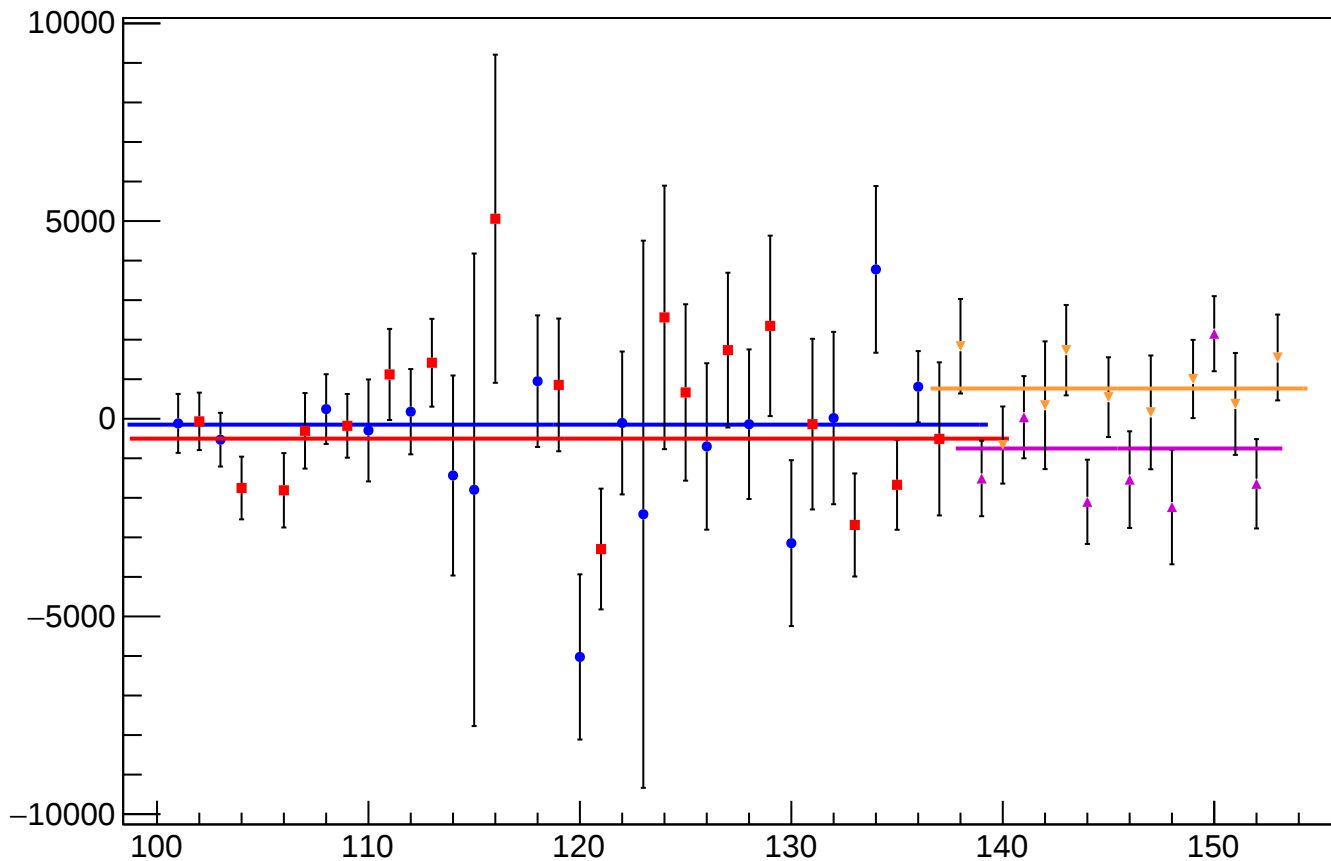
Right: 747.987+/-0.152 χ^2/NDF : 3273780.9/34

In: 860.068+/-0.180 χ^2/NDF :2098927.9/23

Out: 820.151+/-0.165 χ^2/NDF :2451416.9/26

All: 838.339+/-0.122 χ^2/NDF : 4577071.3/50

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 $\pm$ 312.963 χ^2 /NDF: 16.1/16

Left Out: 764.376 $\pm$ 382.458 χ^2 /NDF: 4.6/8

Right Out: -503.162 $\pm$ 285.781 χ^2 /NDF: 23.6/17

Left In: -751.919 $\pm$ 410.272 χ^2 /NDF: 14.2/6

Left: 59.365 $\pm$ 279.755 χ^2 /NDF: 26.2/15

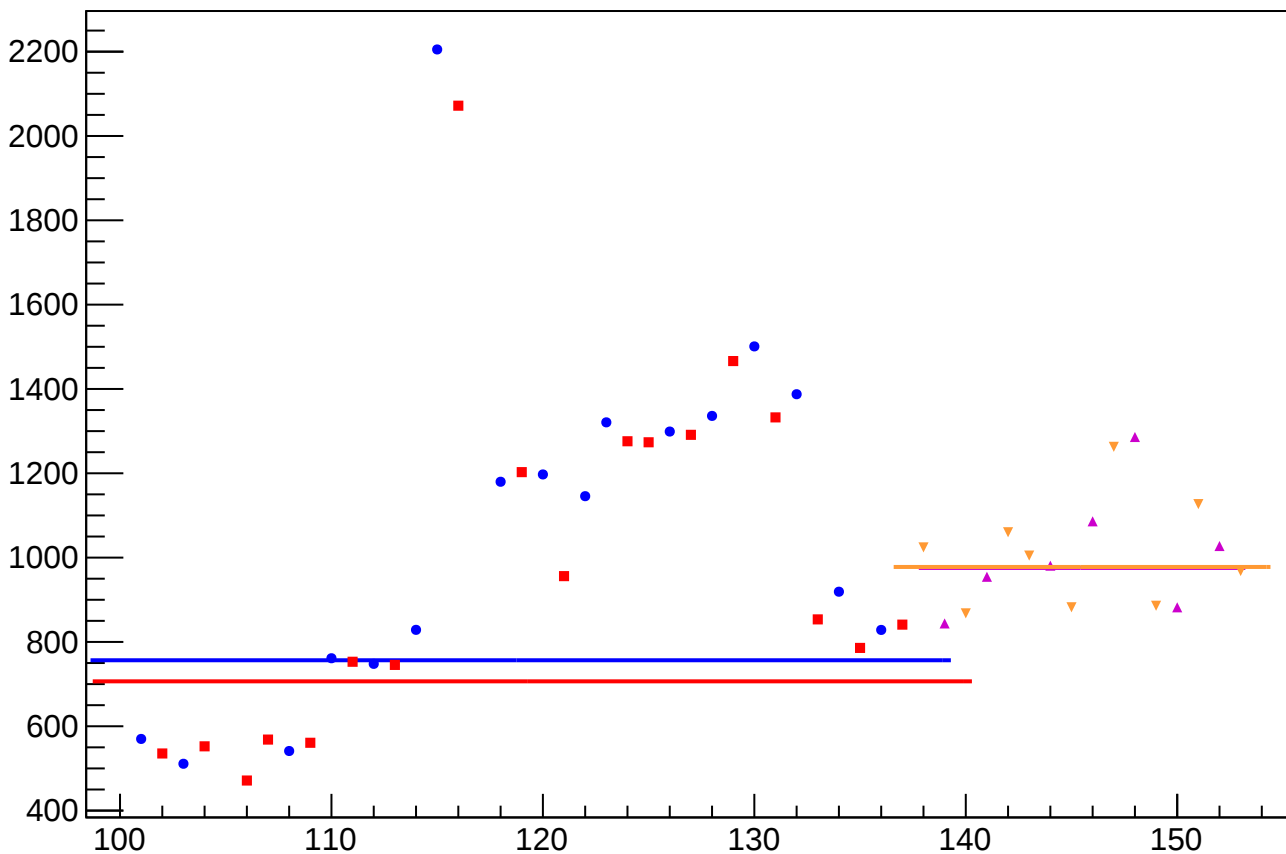
Right: -342.200 $\pm$ 211.034 χ^2 /NDF: 40.4/34

In: -370.884 $\pm$ 248.831 χ^2 /NDF: 31.7/23

Out: -49.014 $\pm$ 228.930 χ^2 /NDF: 35.3/26

All: -196.564 $\pm$ 168.475 χ^2 /NDF: 67.9/50

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539+/-0.221 χ^2/NDF : 1713642.0/16

Left Out: 977.836+/-0.270 χ^2/NDF : 175355.4/8

Right Out: 706.550+/-0.202 χ^2/NDF : 1670007.9/17

Left In: 975.501+/-0.290 χ^2/NDF : 170718.7/6

Left: 976.750+/-0.198 χ^2/NDF : 346108.7/15

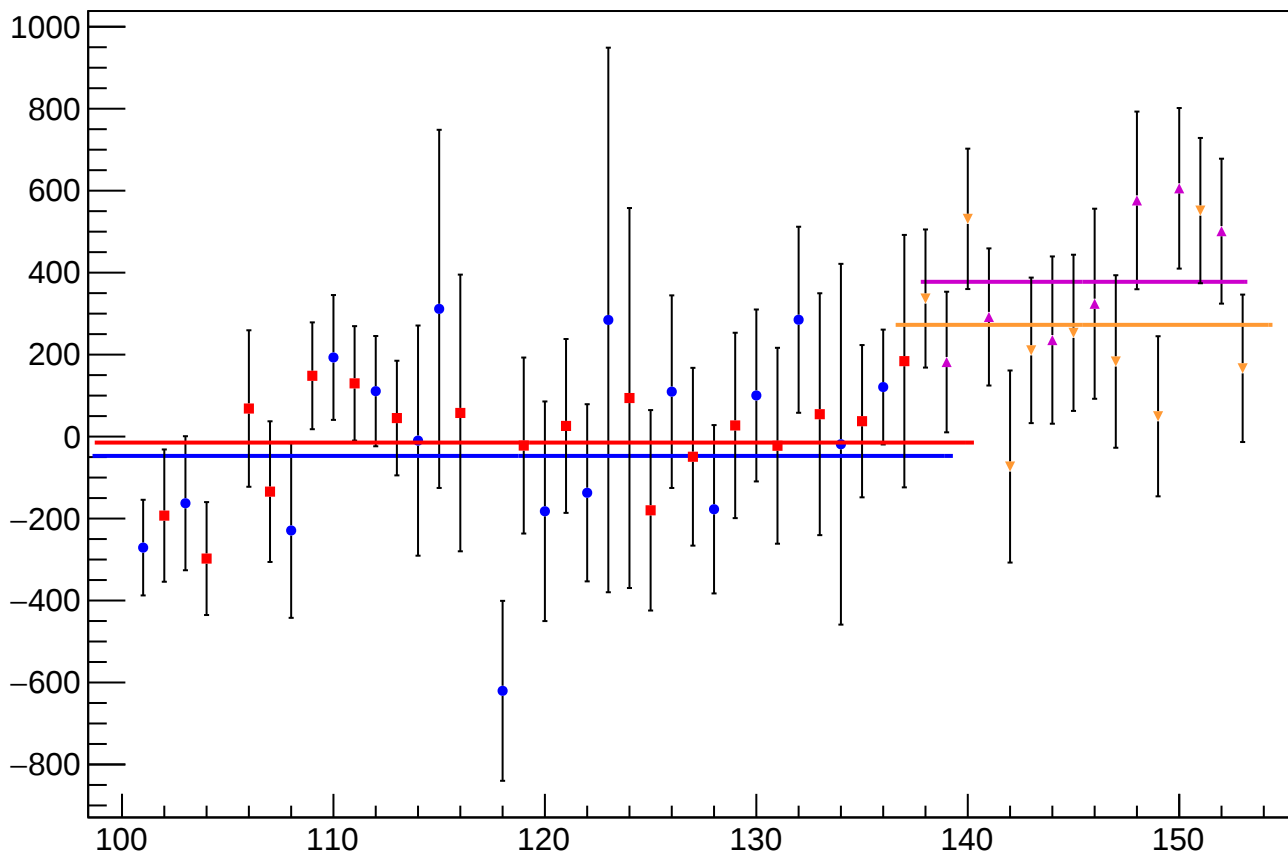
Right: 729.280+/-0.149 χ^2/NDF : 3411474.4/34

In: 837.083+/-0.176 χ^2/NDF : 2244479.7/23

Out: 803.749+/-0.162 χ^2/NDF : 2491096.9/26

All: 819.030+/-0.119 χ^2/NDF : 4755014.4/50

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 $\pm$ 47.269 χ^2/NDF : 21.9/16

Left Out: 272.642 $\pm$ 62.220 χ^2/NDF : 9.0/8

Right Out: -14.620 $\pm$ 44.849 χ^2/NDF : 10.1/17

Left In: 377.630 $\pm$ 72.236 χ^2/NDF : 4.8/6

Left: 317.358 $\pm$ 47.143 χ^2/NDF : 15.0/15

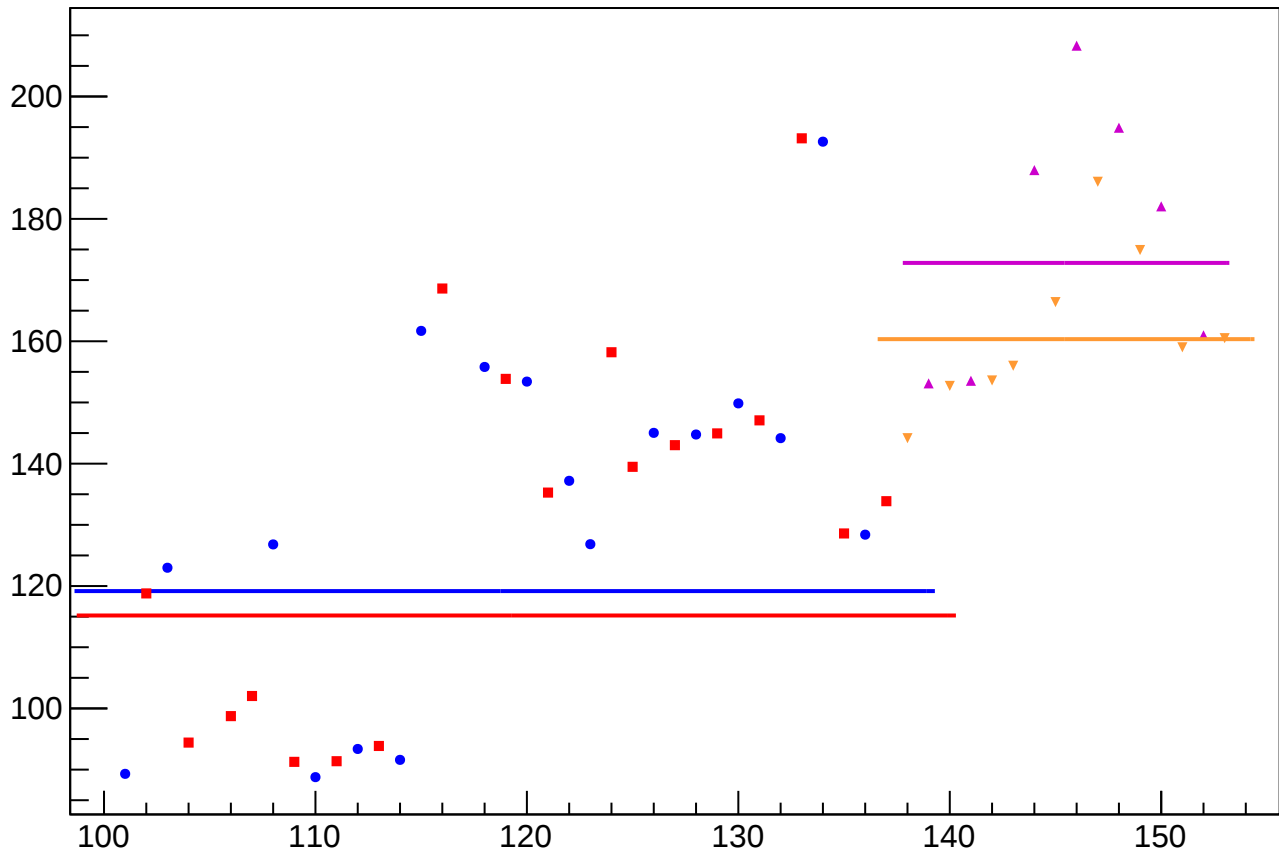
Right: -30.035 $\pm$ 32.535 χ^2/NDF : 32.3/34

In: 80.201 $\pm$ 39.553 χ^2/NDF : 50.9/23

Out: 83.601 $\pm$ 36.383 χ^2/NDF : 33.2/26

All: 82.043 $\pm$ 26.777 χ^2/NDF : 84.1/50

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2 /NDF: 615304.2/16

Left Out: 160.347 $\pm$ 0.044 χ^2 /NDF: 68406.0/8

Right Out: 115.188 $\pm$ 0.032 χ^2 /NDF: 675564.7/17

Left In: 172.806 $\pm$ 0.051 χ^2 /NDF: 144952.4/6

Left: 165.653 $\pm$ 0.033 χ^2 /NDF: 247511.0/15

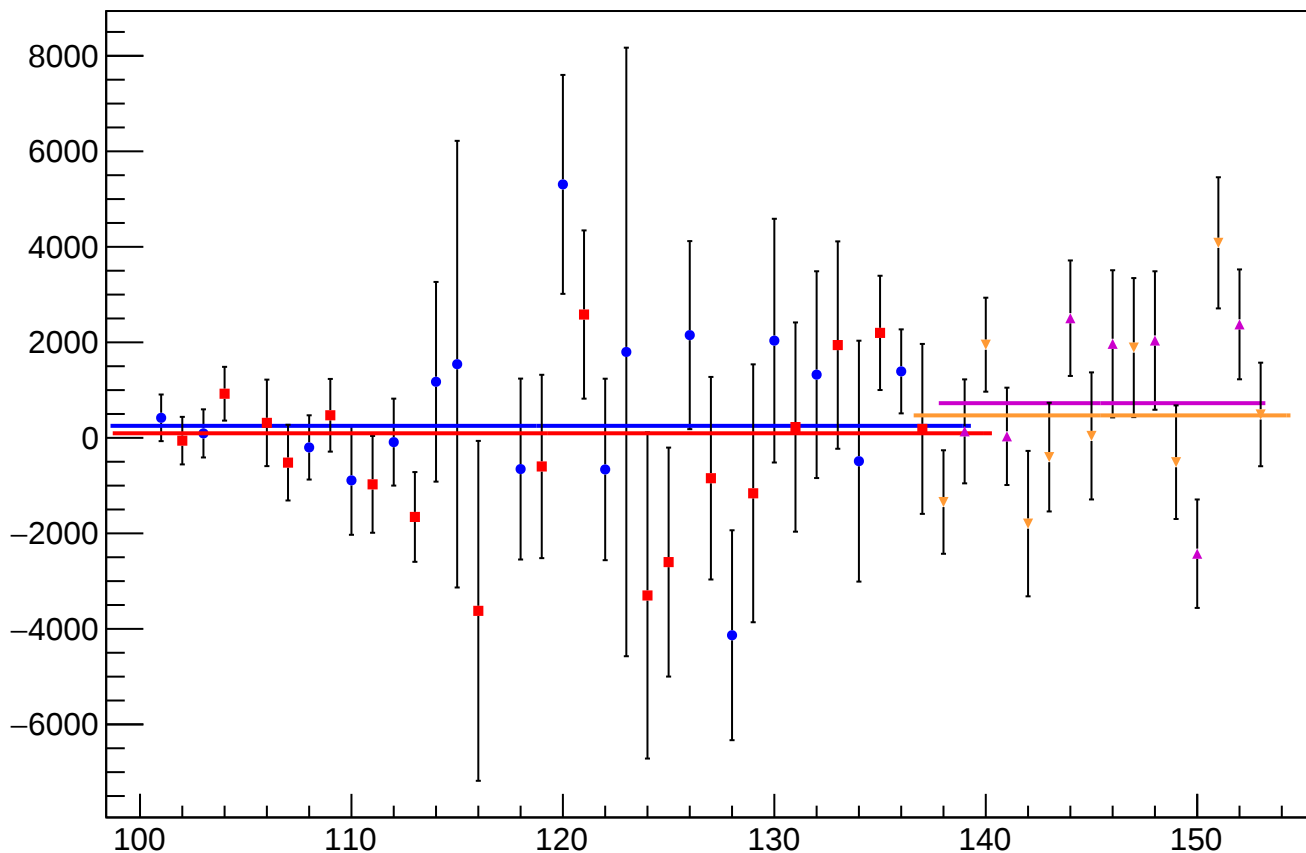
Right: 117.077 $\pm$ 0.023 χ^2 /NDF: 1298359.0/34

In: 135.254 $\pm$ 0.028 χ^2 /NDF: 1532157.1/23

Out: 130.629 $\pm$ 0.026 χ^2 /NDF: 1437308.5/26

All: 132.749 $\pm$ 0.019 χ^2 /NDF: 2984283.8/50

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 470.463+/-401.203 χ^2/NDF : 16.5/8

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 726.310+/-450.925 χ^2/NDF : 14.2/6

Left: 583.509+/-299.737 χ^2/NDF : 30.9/15

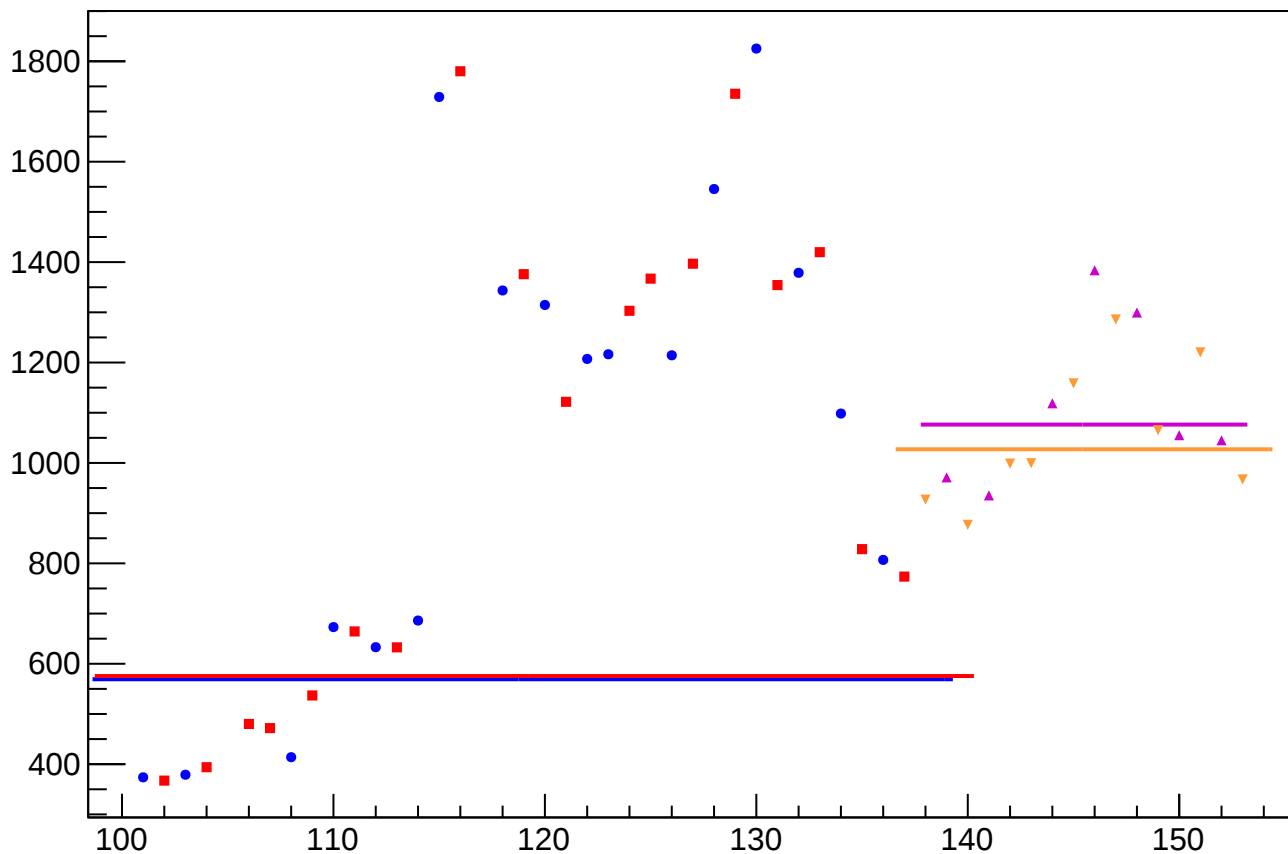
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 365.236+/-220.524 χ^2/NDF : 29.9/23

Out: 198.021+/-209.560 χ^2/NDF : 34.6/26

All: 277.369+/-151.909 χ^2/NDF : 64.8/50

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1027.194 $\pm$ 0.284 χ^2 /NDF:196141.9/8

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1076.443 $\pm$ 0.319 χ^2 /NDF:188497.8/6

Left: 1048.955 $\pm$ 0.212 χ^2 /NDF: 397955.5/15

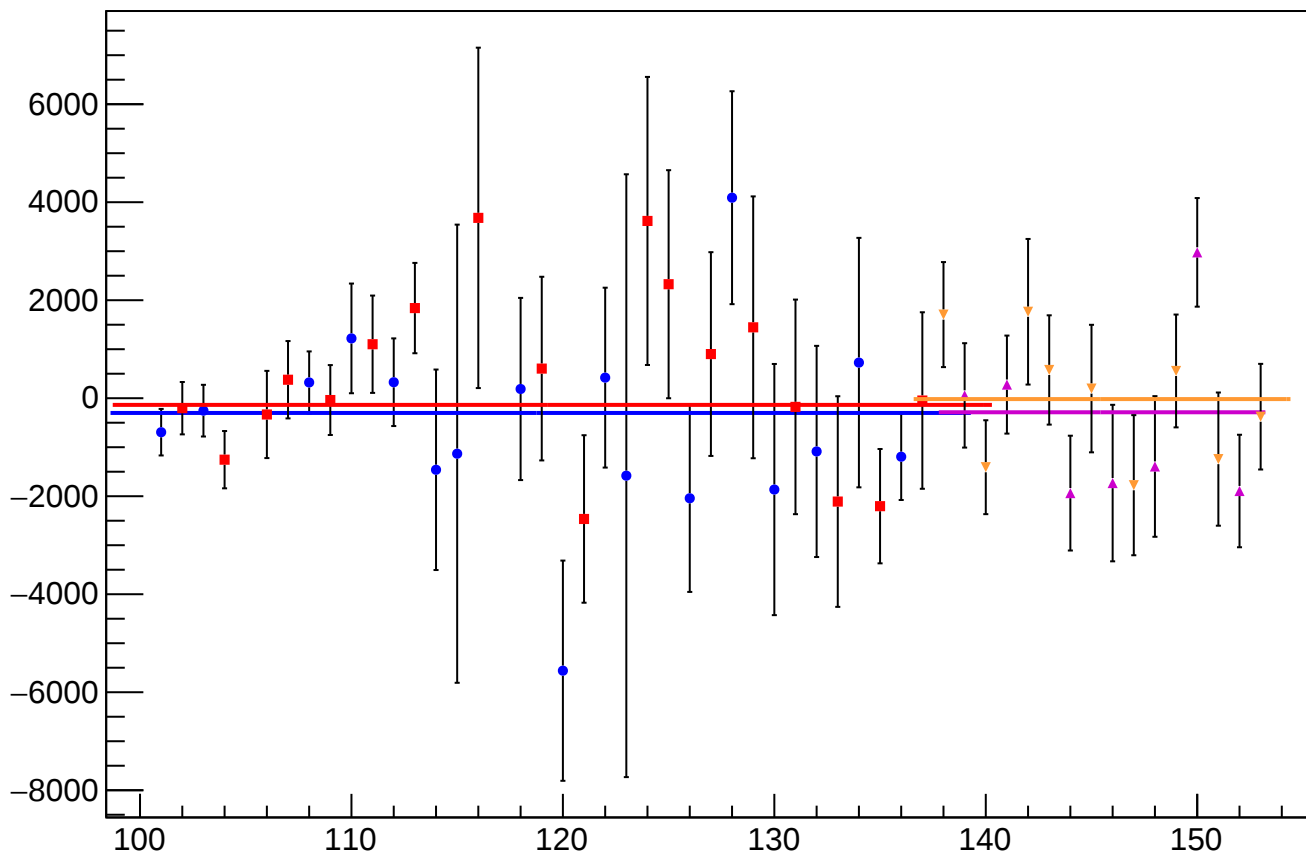
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 690.516 $\pm$ 0.156 χ^2 /NDF:5381045.9/23

Out: 698.795 $\pm$ 0.148 χ^2 /NDF:5097167.2/26

All: 694.866 $\pm$ 0.107 χ^2 /NDF: 10479694.5/50

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652+/-250.302 χ^2/NDF : 16.7/16

Left Out: -17.743+/-393.657 χ^2/NDF : 9.1/8

Right Out: -136.107+/-247.692 χ^2/NDF : 20.9/17

Left In: -286.851+/-444.544 χ^2/NDF : 14.4/6

Left: -136.020+/-294.714 χ^2/NDF : 23.8/15

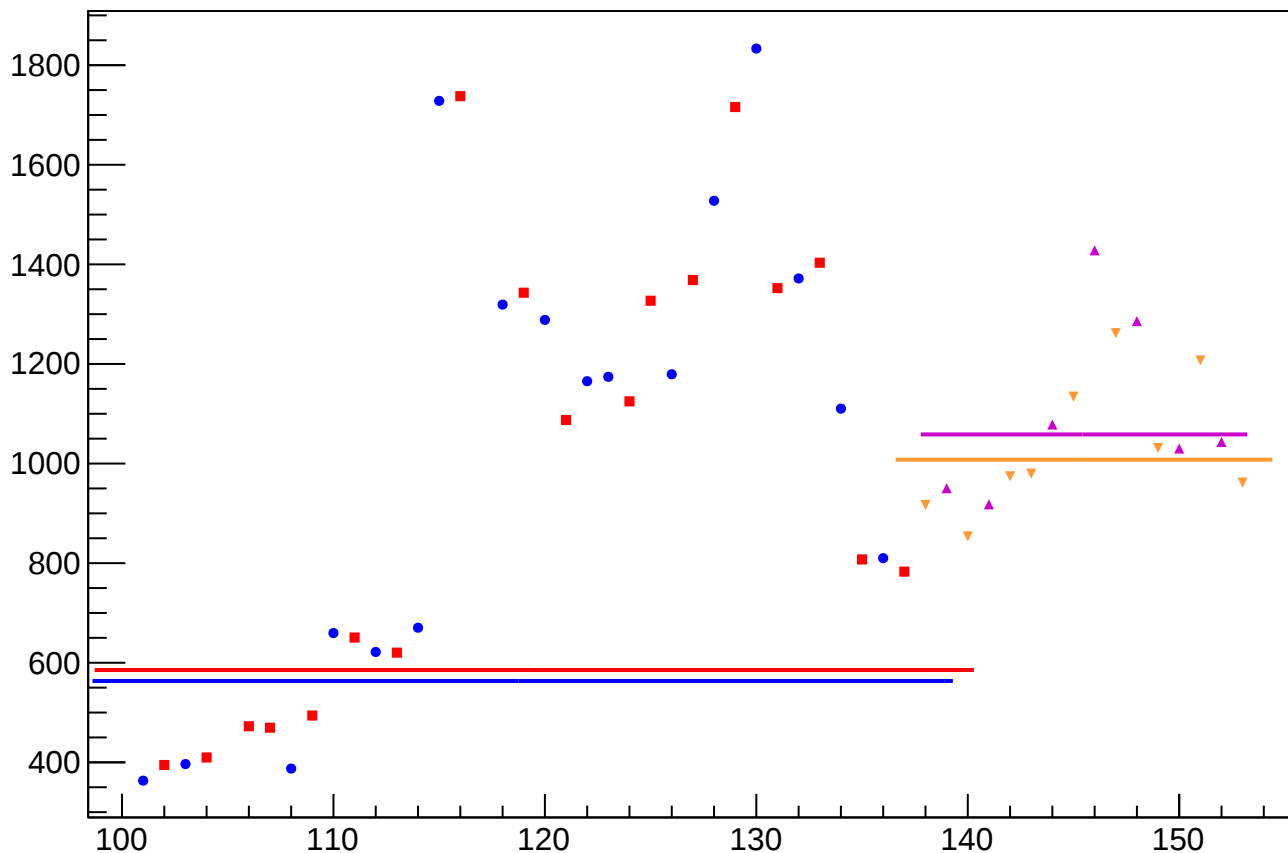
Right: -217.517+/-176.060 χ^2/NDF : 37.8/34

In: -297.330+/-218.106 χ^2/NDF : 31.2/23

Out: -102.537+/-209.645 χ^2/NDF : 30.1/26

All: -196.082+/-151.144 χ^2/NDF : 61.6/50

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1007.853+/-0.278 χ^2/NDF : 197838.8/8

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1058.492+/-0.314 χ^2/NDF : 219629.6/6

Left: 1030.109+/-0.208 χ^2/NDF : 432014.3/15

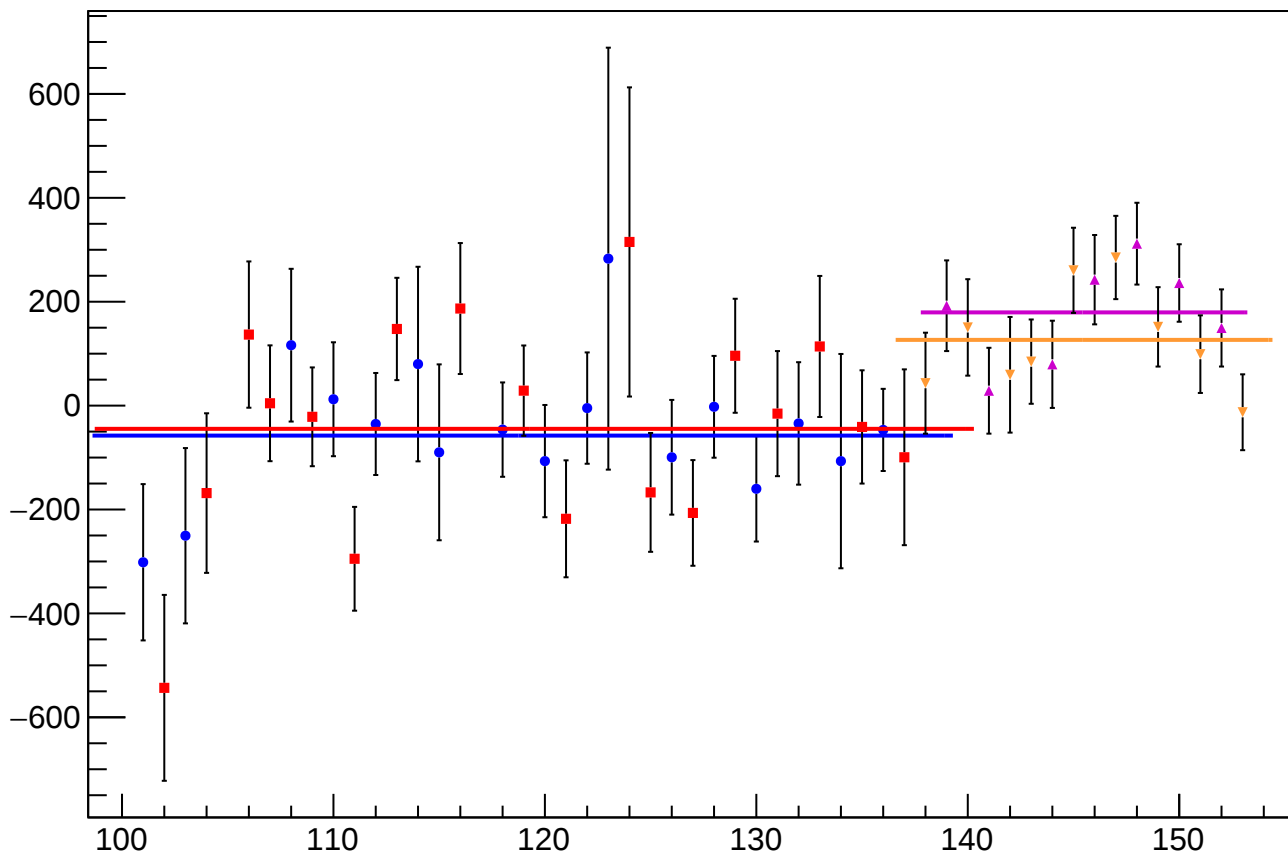
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 682.571+/-0.154 χ^2/NDF : 5362273.7/23

Out: 705.242+/-0.148 χ^2/NDF : 4665724.3/26

All: 694.355+/-0.107 χ^2/NDF : 10039230.0/50

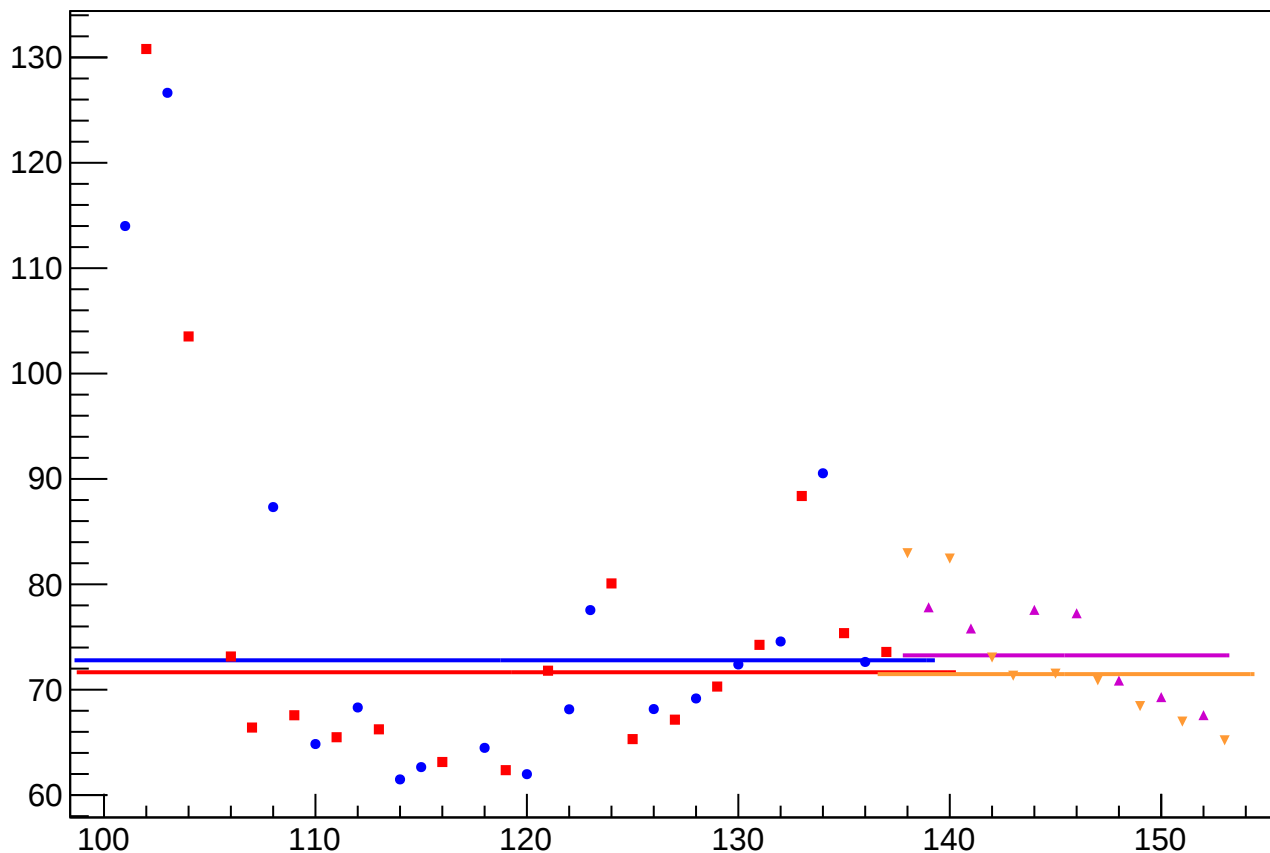
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 126.549 ± 27.768 $\chi^2/\text{NDF}: 11.9/8$
 Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 Left In: 179.457 ± 30.468 $\chi^2/\text{NDF}: 8.9/6$

Left: 150.555 ± 20.523 $\chi^2/\text{NDF}: 22.4/15$
 Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 53.767 ± 20.888 $\chi^2/\text{NDF}: 50.1/23$
 Out: 40.752 ± 19.615 $\chi^2/\text{NDF}: 66.1/26$
 All: 46.851 ± 14.299 $\chi^2/\text{NDF}: 116.4/50$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2 /NDF: 464772.9/16

Left Out: 71.478 $\pm$ 0.020 χ^2 /NDF: 81526.2/8

Right Out: 71.655 $\pm$ 0.020 χ^2 /NDF: 404376.9/17

Left In: 73.259 $\pm$ 0.022 χ^2 /NDF: 36130.4/6

Left: 72.286 $\pm$ 0.015 χ^2 /NDF: 121386.4/15

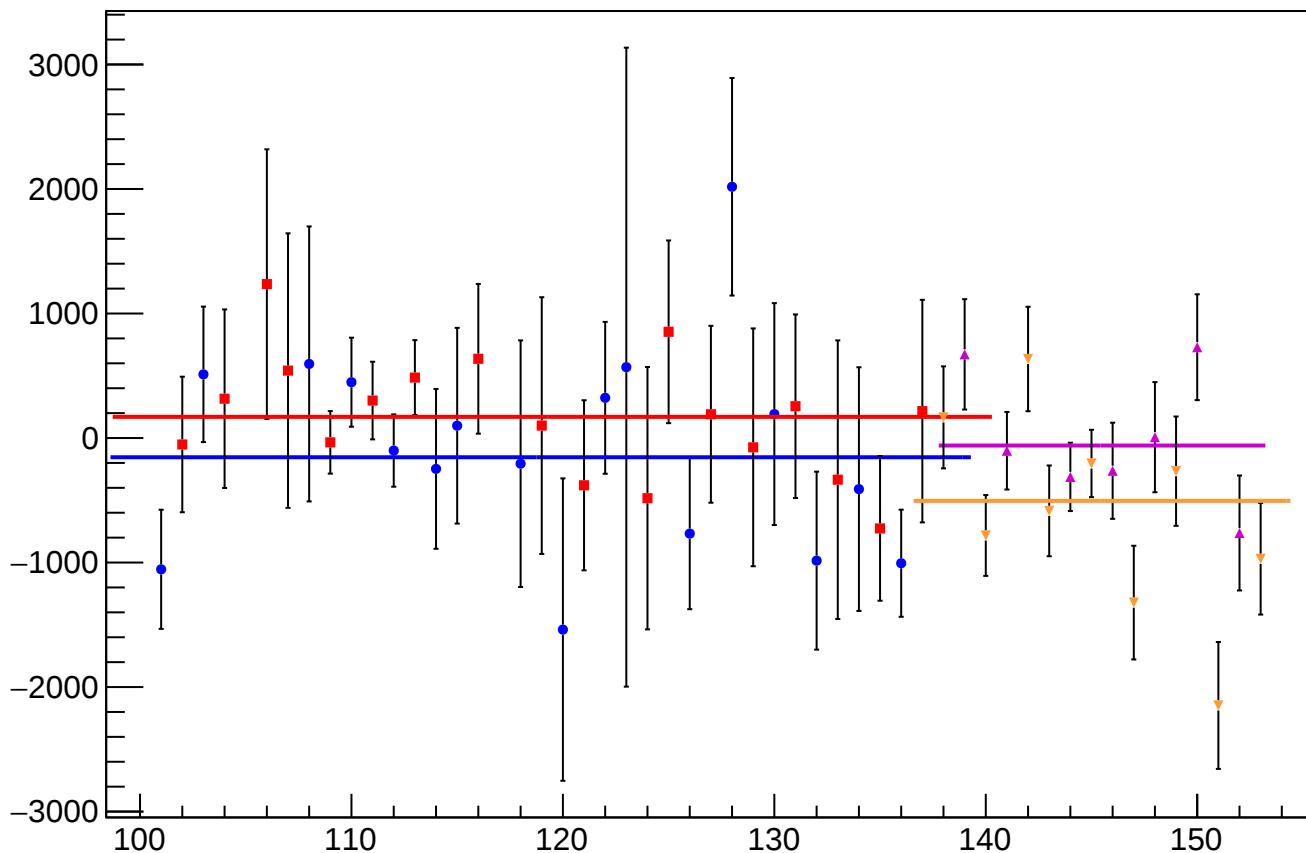
Right: 72.203 $\pm$ 0.014 χ^2 /NDF: 870767.9/34

In: 73.010 $\pm$ 0.015 χ^2 /NDF: 501154.3/23

Out: 71.567 $\pm$ 0.014 χ^2 /NDF: 485943.7/26

All: 72.243 $\pm$ 0.010 χ^2 /NDF: 992171.3/50

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -504.583 ± 127.894 $\chi^2/\text{NDF}: 27.0/8$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: -60.252 ± 140.405 $\chi^2/\text{NDF}: 9.7/6$

Left: -303.092 ± 94.549 $\chi^2/\text{NDF}: 42.2/15$

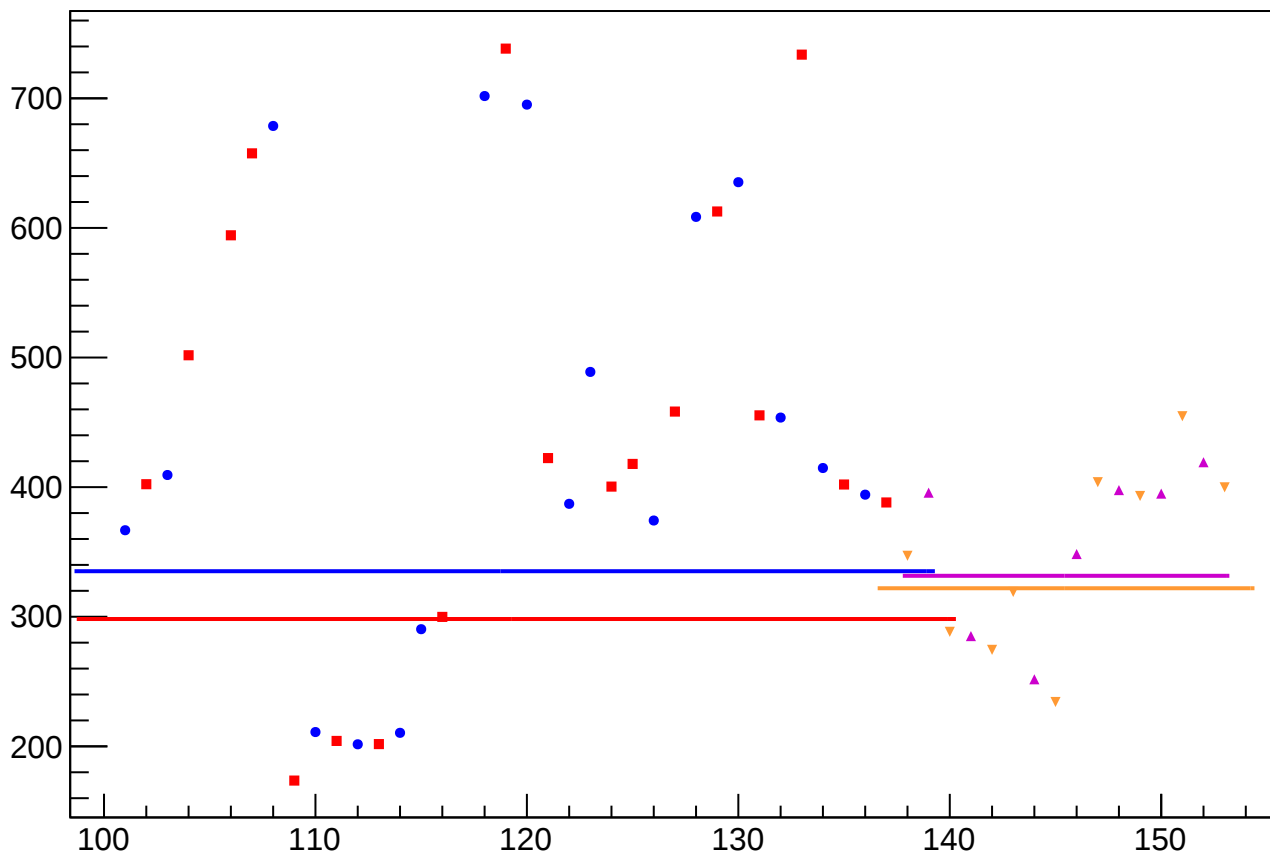
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -107.229 ± 99.386 $\chi^2/\text{NDF}: 33.1/23$

Out: -162.834 ± 89.837 $\chi^2/\text{NDF}: 49.5/26$

All: -137.830 ± 66.645 $\chi^2/\text{NDF}: 82.8/50$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2 /NDF: 1994045.2/16

Left Out: 321.988 $\pm$ 0.090 χ^2 /NDF: 578024.8/8

Right Out: 298.253 $\pm$ 0.089 χ^2 /NDF: 2776555.9/17

Left In: 331.594 $\pm$ 0.099 χ^2 /NDF: 420992.6/6

Left: 326.344 $\pm$ 0.067 χ^2 /NDF: 1004134.4/15

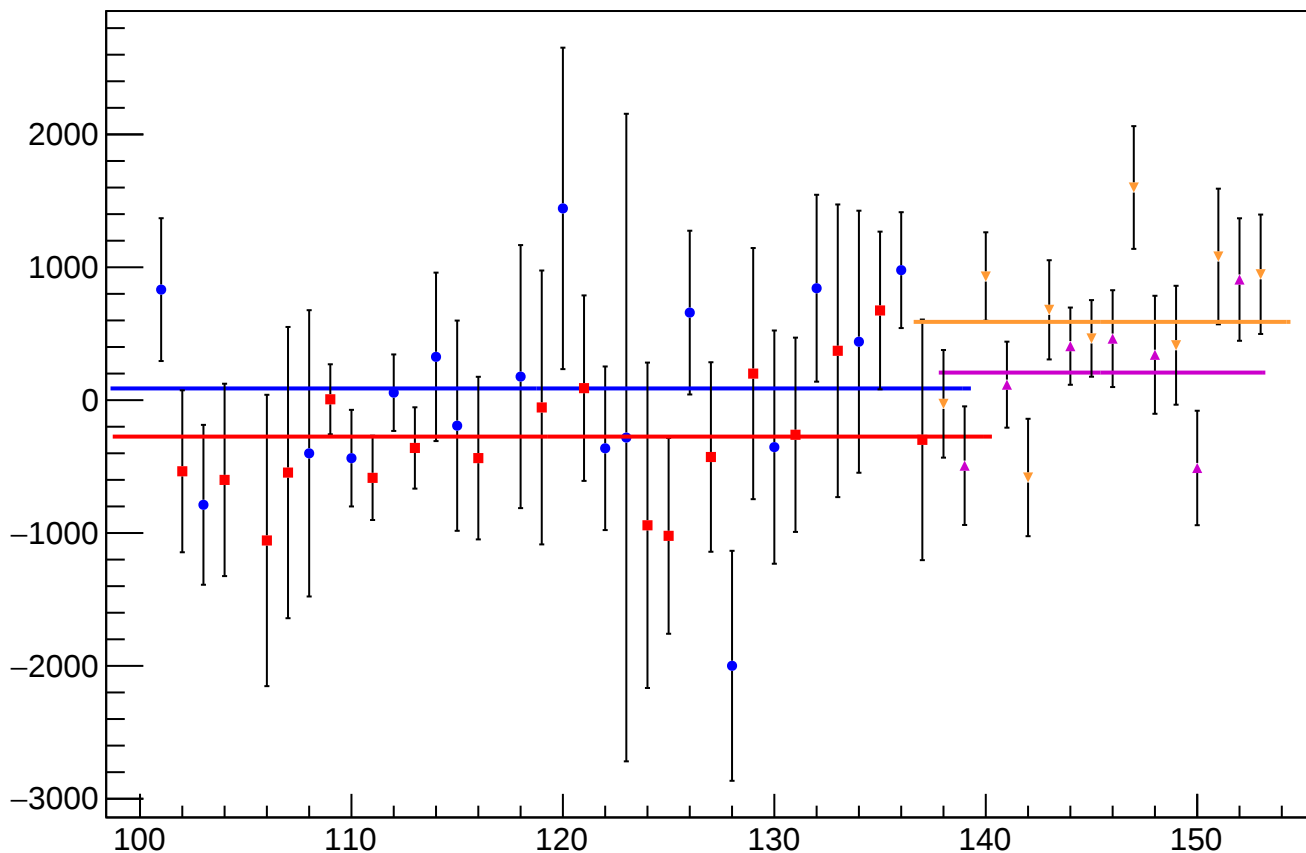
Right: 314.699 $\pm$ 0.066 χ^2 /NDF: 4846742.5/34

In: 333.360 $\pm$ 0.070 χ^2 /NDF: 2415672.2/23

Out: 309.964 $\pm$ 0.064 χ^2 /NDF: 3389472.9/26

All: 320.485 $\pm$ 0.047 χ^2 /NDF: 5866141.3/50

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 589.120+/-131.395 χ^2/NDF : 17.2/8

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 207.429+/-142.714 χ^2/NDF : 8.7/6

Left: 414.009+/-96.664 χ^2/NDF : 29.7/15

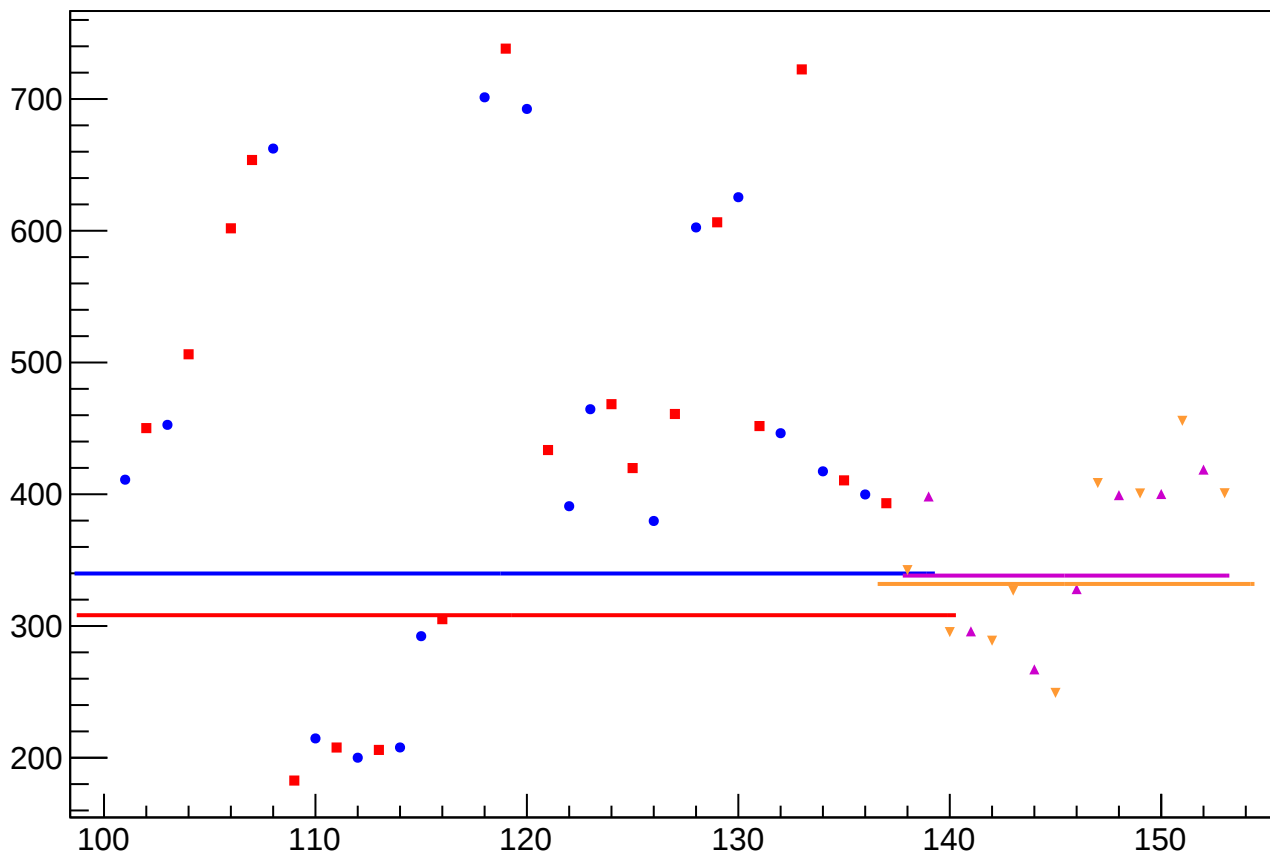
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 147.899+/-101.021 χ^2/NDF : 29.8/23

Out: 152.338+/-92.365 χ^2/NDF : 47.0/26

All: 150.317+/-68.167 χ^2/NDF : 76.9/50

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850 +/- 0.101 χ^2/NDF : 2043522.4/16

Left Out: 331.924 +/- 0.093 χ^2/NDF : 475998.4/8

Right Out: 308.199 +/- 0.092 χ^2/NDF : 2698828.8/17

Left In: 338.264 +/- 0.101 χ^2/NDF : 332002.7/6

Left: 334.832 +/- 0.068 χ^2/NDF : 810137.5/15

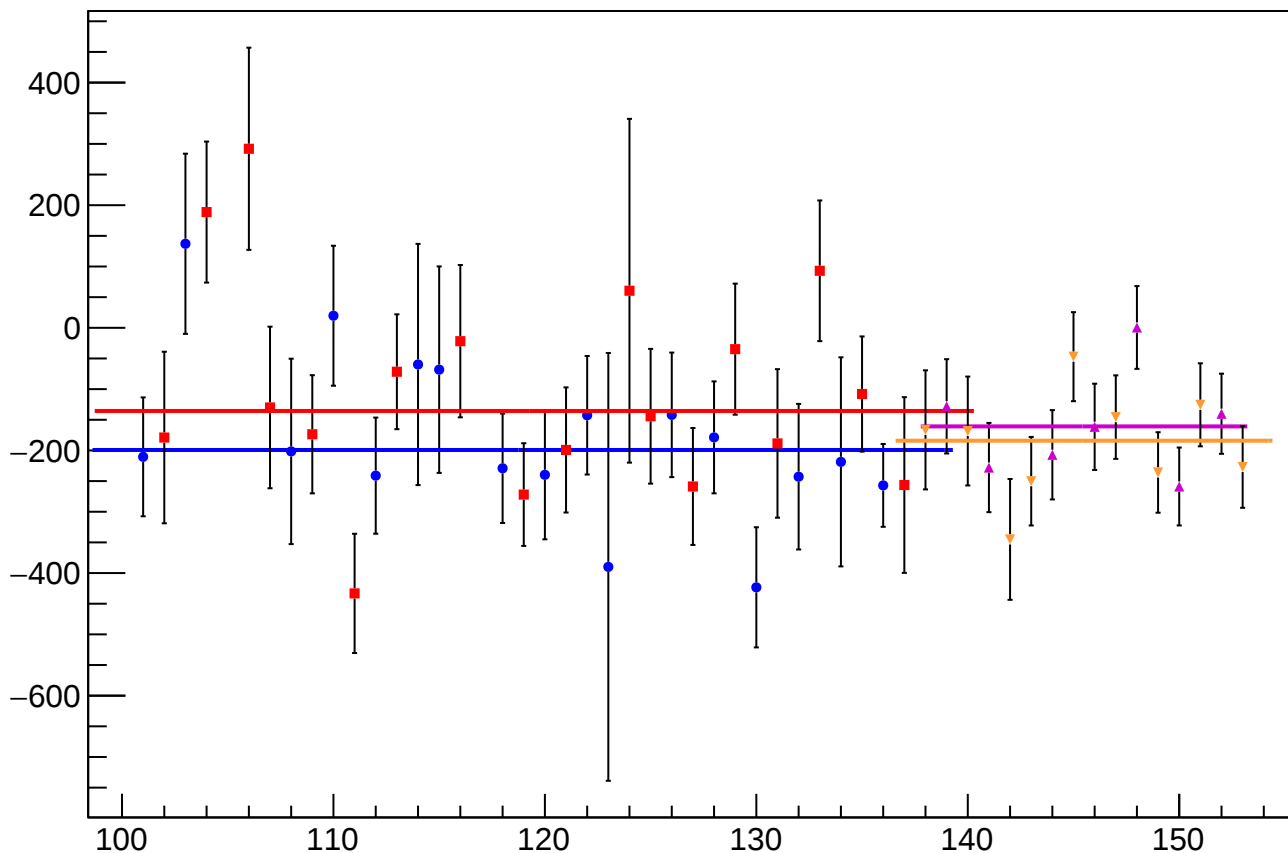
Right: 322.502 +/- 0.068 χ^2/NDF : 4796037.7/34

In: 339.055 +/- 0.071 χ^2/NDF : 2375648.3/23

Out: 319.922 +/- 0.065 χ^2/NDF : 3207810.9/26

All: 328.634 +/- 0.048 χ^2/NDF : 5622533.4/50

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 $\pm$ 26.515 χ^2/NDF : 17.6/16

Left Out: -184.110 $\pm$ 24.934 χ^2/NDF : 9.2/8

Right Out: -135.623 $\pm$ 26.252 χ^2/NDF : 36.7/17

Left In: -160.800 $\pm$ 26.267 χ^2/NDF : 9.6/6

Left: -173.062 $\pm$ 18.084 χ^2/NDF : 19.3/15

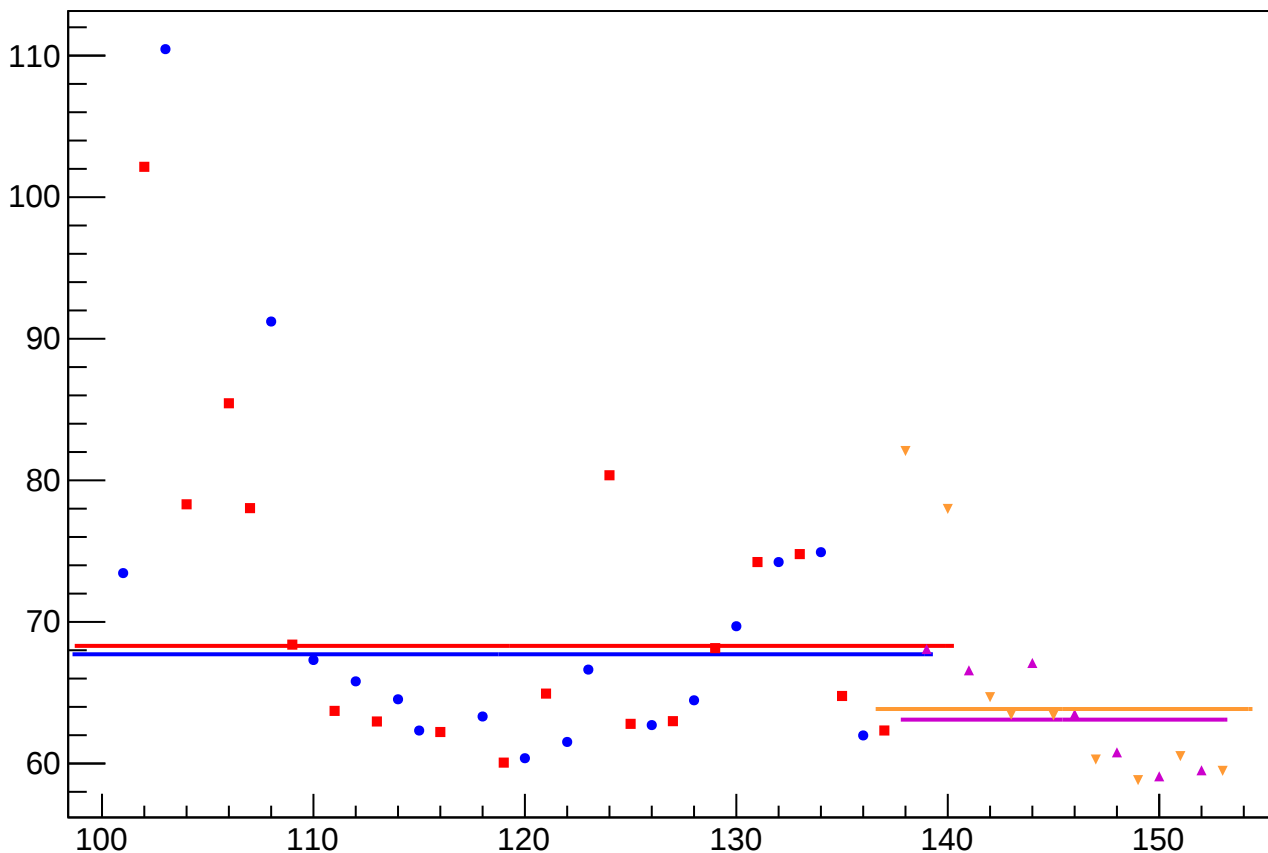
Right: -167.121 $\pm$ 18.655 χ^2/NDF : 57.2/34

In: -179.845 $\pm$ 18.661 χ^2/NDF : 28.3/23

Out: -161.115 $\pm$ 18.079 χ^2/NDF : 47.7/26

All: -170.184 $\pm$ 12.985 χ^2/NDF : 76.5/50

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 63.850 $\pm$ 0.018 χ^2/NDF : 151977.1/8

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 63.099 $\pm$ 0.019 χ^2/NDF : 35356.6/6

Left: 63.494 $\pm$ 0.013 χ^2/NDF : 188194.4/15

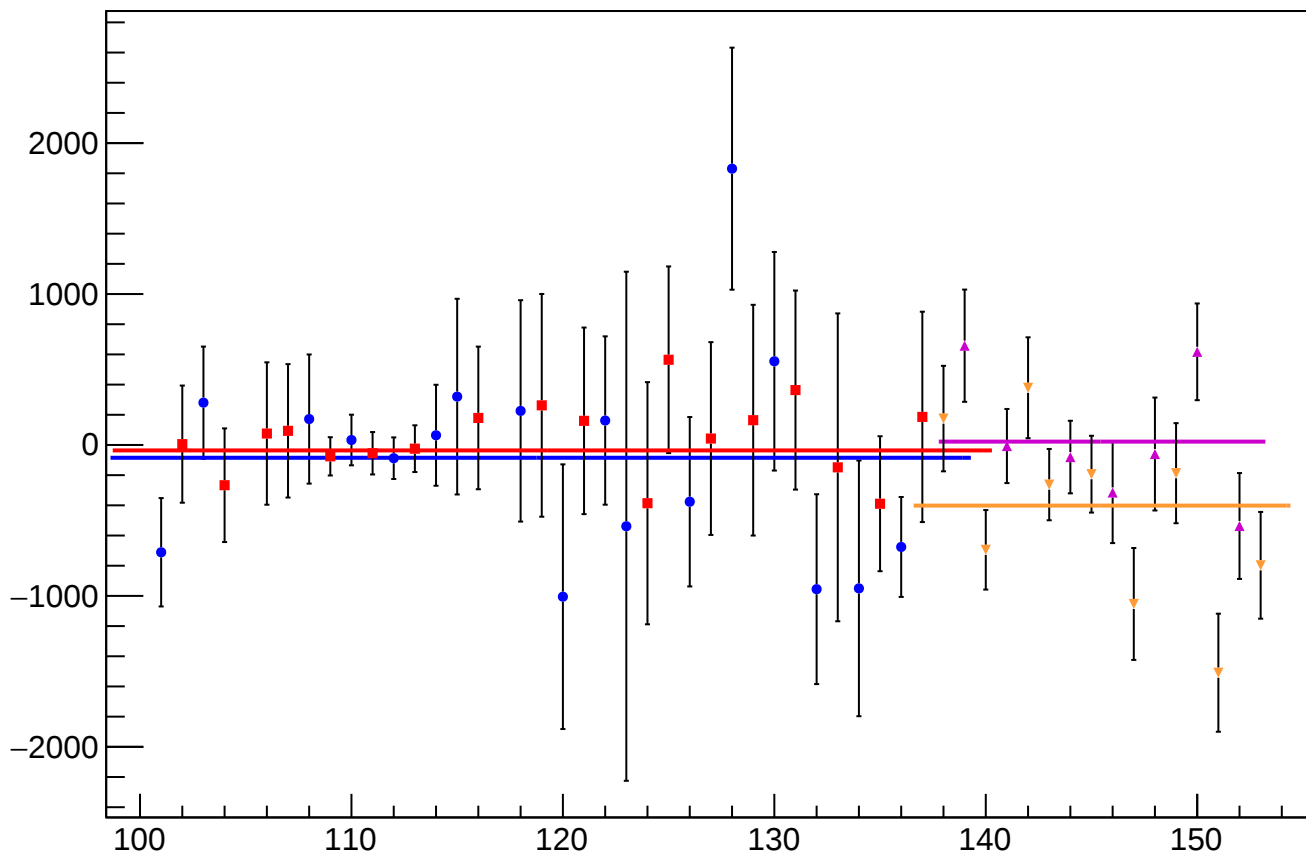
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 65.386 $\pm$ 0.013 χ^2/NDF : 348846.3/23

Out: 65.965 $\pm$ 0.013 χ^2/NDF : 416615.1/26

All: 65.684 $\pm$ 0.009 χ^2/NDF : 766454.7/50

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 ± 82.667 $\chi^2/\text{NDF}: 19.9/16$

Left Out: -401.660 ± 102.159 $\chi^2/\text{NDF}: 23.2/8$

Right Out: -36.132 ± 69.750 $\chi^2/\text{NDF}: 3.4/17$

Left In: 22.266 ± 115.452 $\chi^2/\text{NDF}: 10.2/6$

Left: -215.496 ± 76.508 $\chi^2/\text{NDF}: 40.9/15$

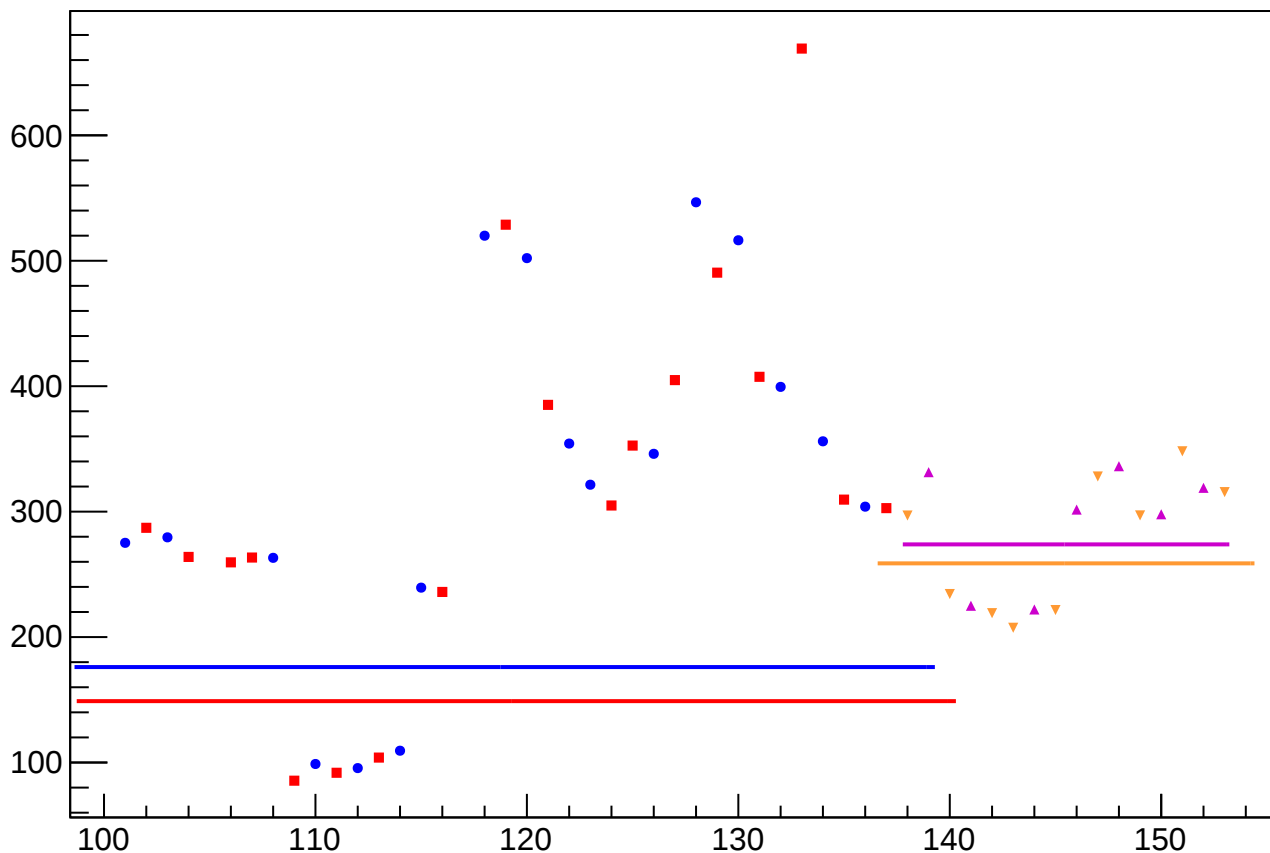
Right: -56.354 ± 53.310 $\chi^2/\text{NDF}: 23.5/34$

In: -48.485 ± 67.214 $\chi^2/\text{NDF}: 30.6/23$

Out: -152.350 ± 57.604 $\chi^2/\text{NDF}: 35.4/26$

All: -108.367 ± 43.739 $\chi^2/\text{NDF}: 67.4/50$

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 258.765+/-0.072 χ^2/NDF : 458878.2/8

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 273.892+/-0.082 χ^2/NDF : 333961.8/6

Left: 265.408+/-0.054 χ^2/NDF : 812096.3/15

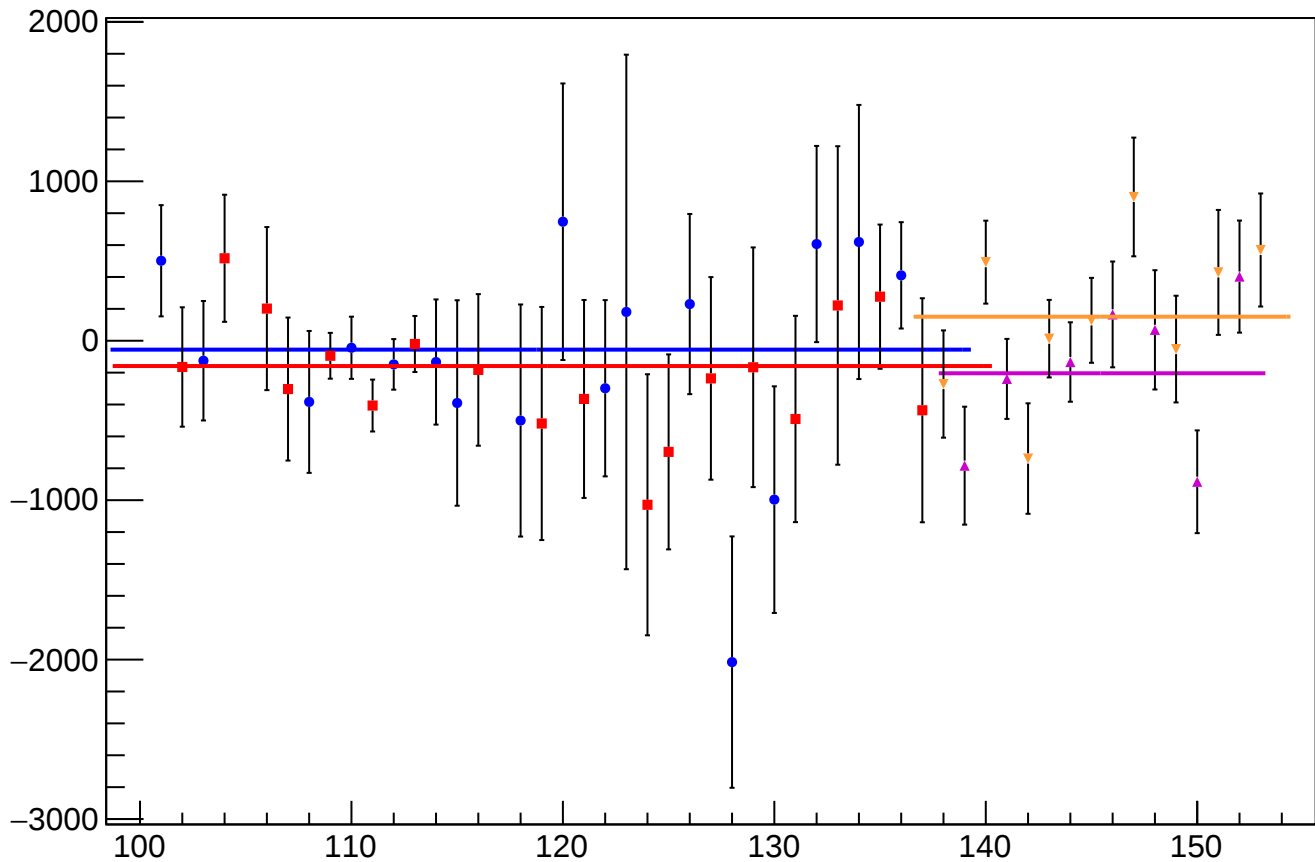
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 209.242+/-0.048 χ^2/NDF : 5506275.9/23

Out: 183.853+/-0.041 χ^2/NDF : 6806539.2/26

All: 194.604+/-0.031 χ^2/NDF : 12477348.9/50

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 150.872+/-103.382 χ^2/NDF : 16.6/8

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -204.051+/-116.843 χ^2/NDF : 11.8/6

Left: -4.976+/-77.426 χ^2/NDF : 33.5/15

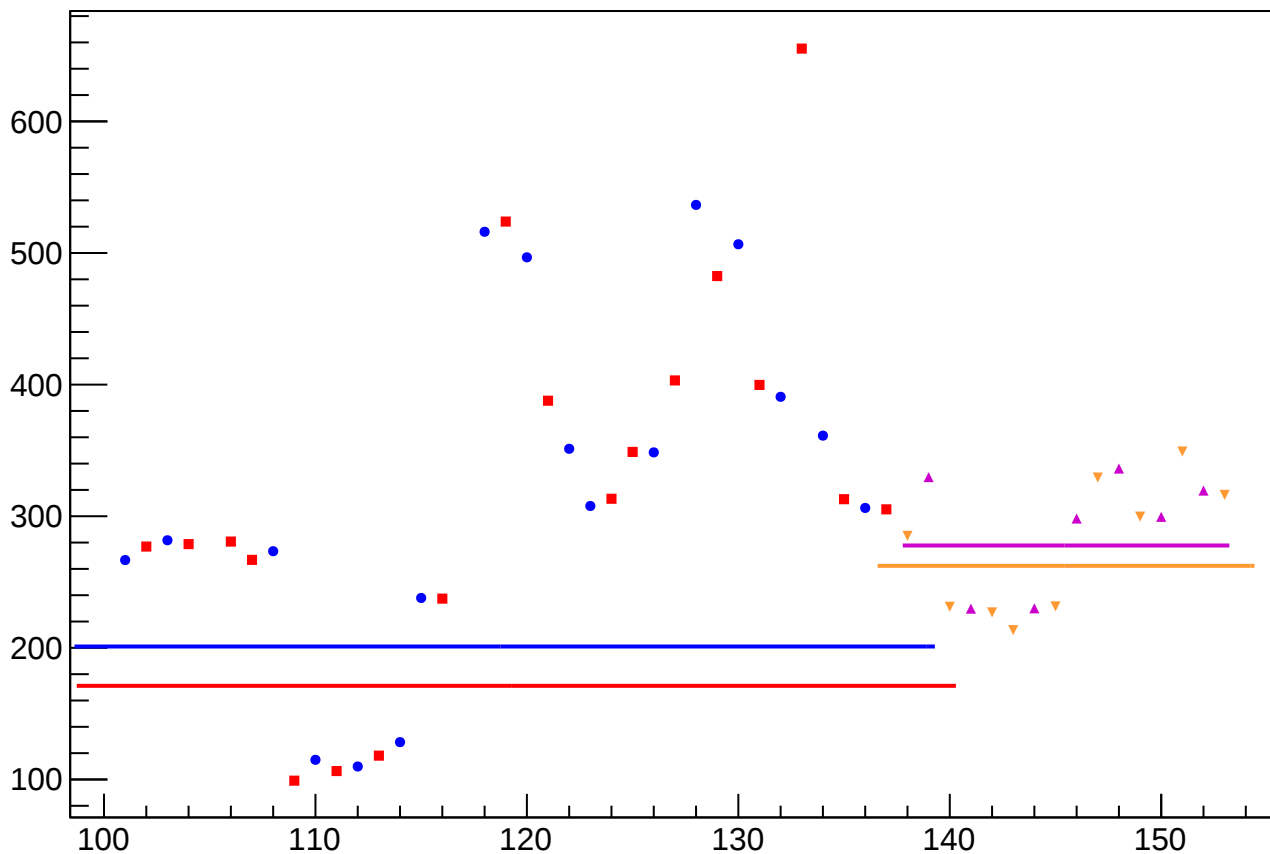
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -111.397+/-71.584 χ^2/NDF : 29.9/23

Out: -48.093+/-61.791 χ^2/NDF : 32.7/26

All: -75.122+/-46.775 χ^2/NDF : 63.1/50

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 262.314 $\pm$ 0.073 χ^2/NDF : 400444.9/8

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 277.775 $\pm$ 0.083 χ^2/NDF : 279776.2/6

Left: 269.103 $\pm$ 0.055 χ^2/NDF : 699863.1/15

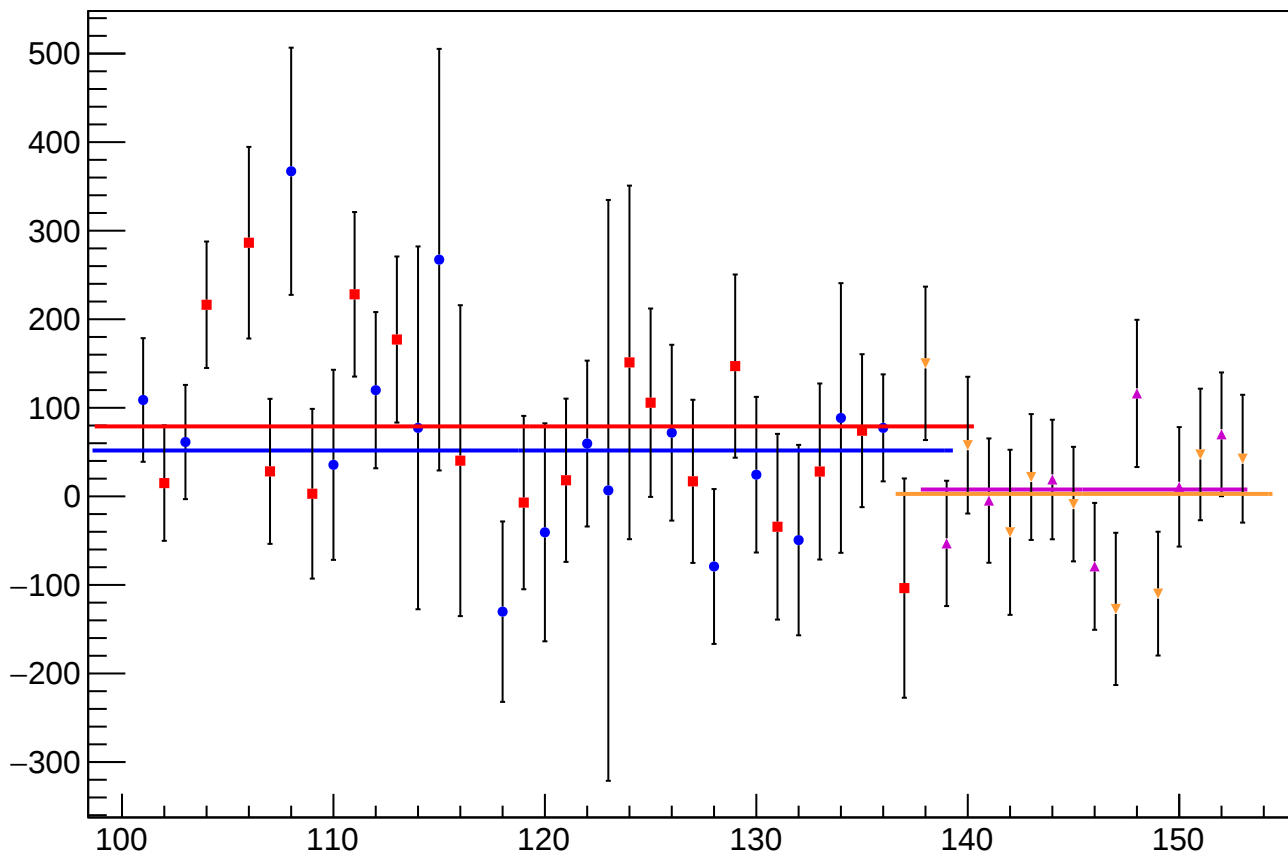
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 229.840 $\pm$ 0.051 χ^2/NDF : 4251688.1/23

Out: 203.723 $\pm$ 0.044 χ^2/NDF : 5465475.7/26

All: 214.874 $\pm$ 0.033 χ^2/NDF : 9869713.8/50

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: 2.785 $\pm$ 25.266 χ^2 /NDF:9.3/8

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 7.746 $\pm$ 26.858 χ^2 /NDF:4.8/6

Left: 5.114 $\pm$ 18.403 χ^2 /NDF: 14.1/15

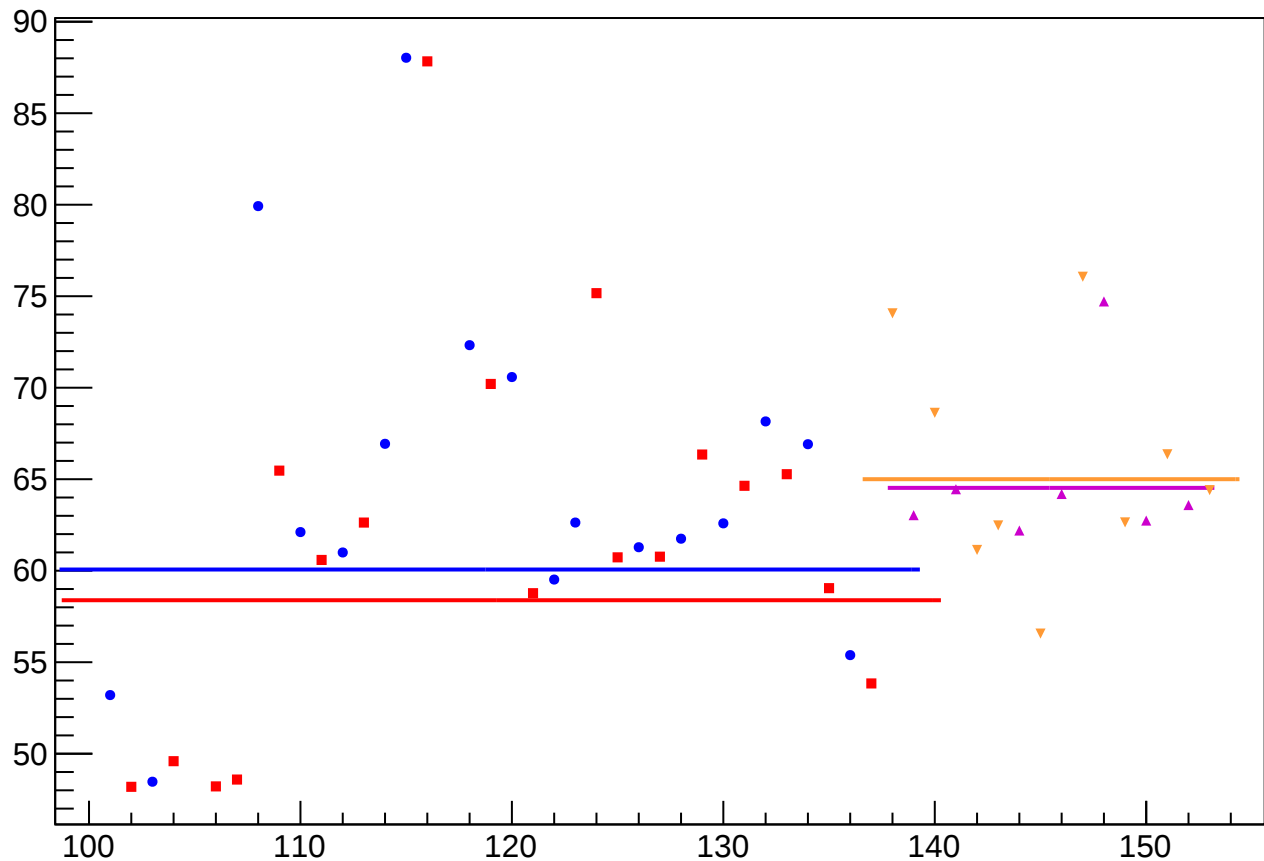
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 32.662 $\pm$ 17.702 χ^2 /NDF:20.8/23

Out: 45.297 $\pm$ 16.803 χ^2 /NDF:33.3/26

All: 39.309 $\pm$ 12.187 χ^2 /NDF: 54.4/50

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 +/- 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.001 +/- 0.018 χ^2/NDF : 102532.1/8

Right Out: 58.387 +/- 0.016 χ^2/NDF : 275017.2/17

Left In: 64.527 +/- 0.019 χ^2/NDF : 35119.2/6

Left: 64.779 +/- 0.013 χ^2/NDF : 137982.1/15

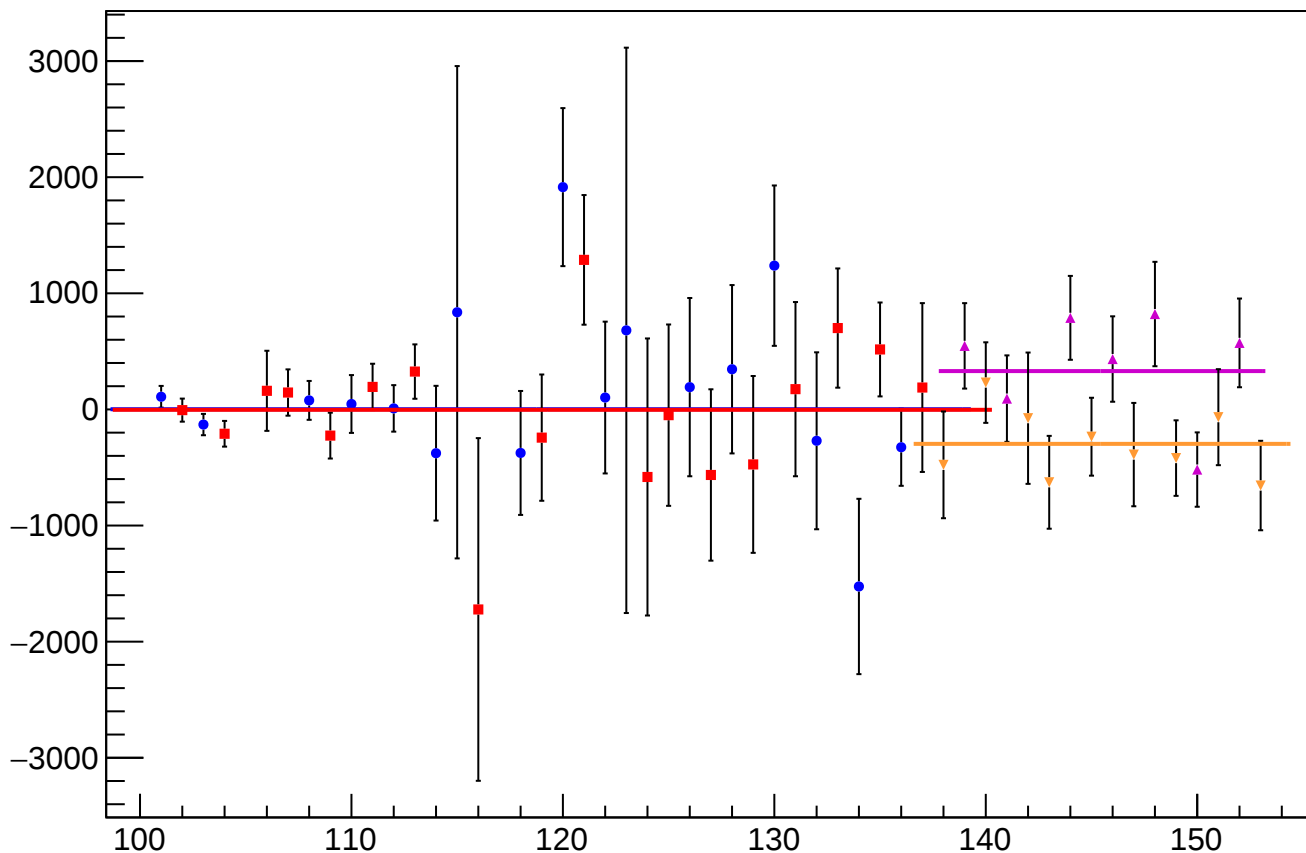
Right: 59.188 +/- 0.012 χ^2/NDF : 509429.8/34

In: 62.003 +/- 0.013 χ^2/NDF : 295432.7/23

Out: 61.312 +/- 0.012 χ^2/NDF : 453993.2/26

All: 61.640 +/- 0.009 χ^2/NDF : 751030.2/50

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581+/-54.284 χ^2/NDF : 21.4/16

Left Out: -296.605+/-130.841 χ^2/NDF : 4.7/8

Right Out: -3.242+/-56.611 χ^2/NDF : 20.2/17

Left In: 330.166+/-139.737 χ^2/NDF : 11.1/6

Left: -3.805+/-95.509 χ^2/NDF : 26.5/15

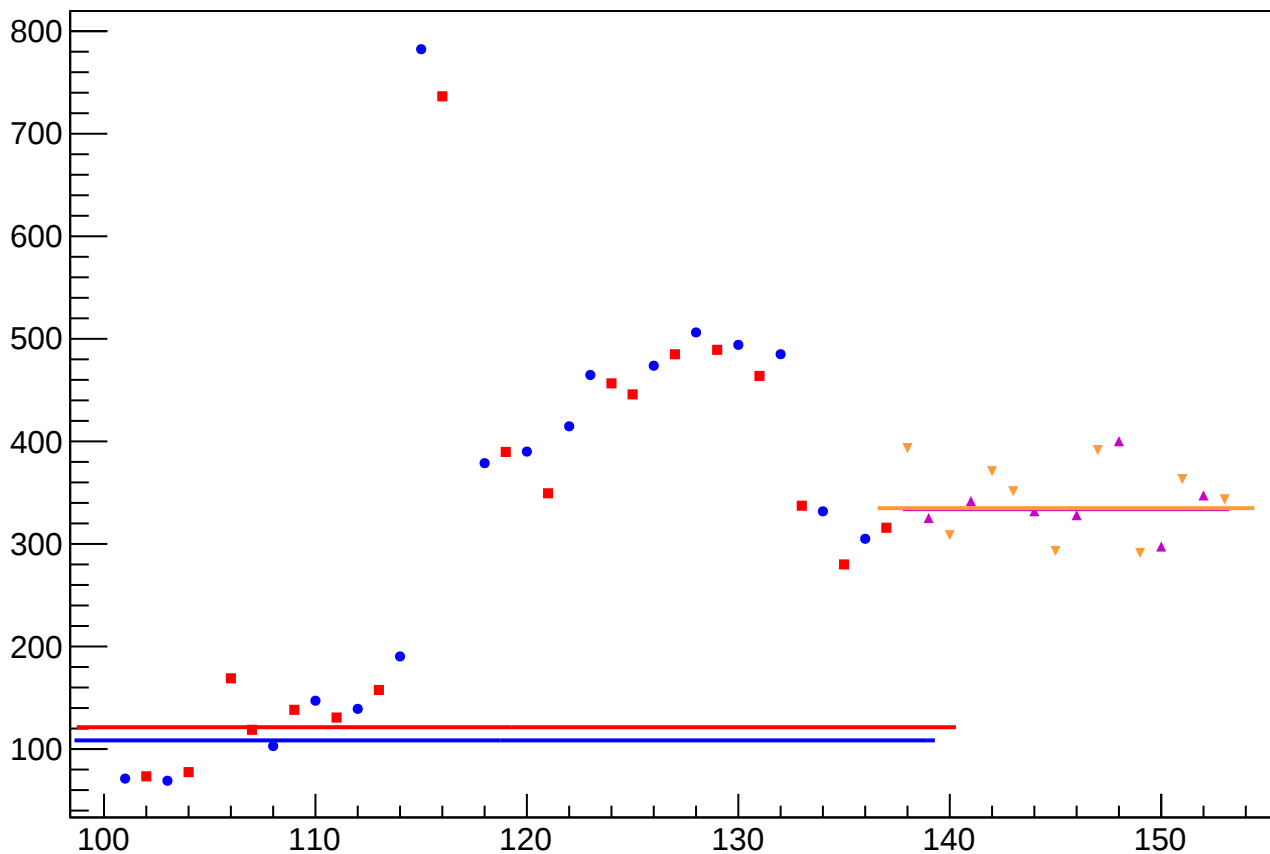
Right: -0.730+/-39.182 χ^2/NDF : 41.6/34

In: 44.666+/-50.600 χ^2/NDF : 37.2/23

Out: -49.502+/-51.957 χ^2/NDF : 29.2/26

All: -1.173+/-36.250 χ^2/NDF : 68.1/50

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: 334.893 $\pm$ 0.093 χ^2 /NDF: 165323.4/8

Right Out: 121.303 $\pm$ 0.040 χ^2 /NDF: 4731568.2/17

Left In: 333.912 $\pm$ 0.099 χ^2 /NDF: 74474.1/6

Left: 334.435 $\pm$ 0.068 χ^2 /NDF: 239850.0/15

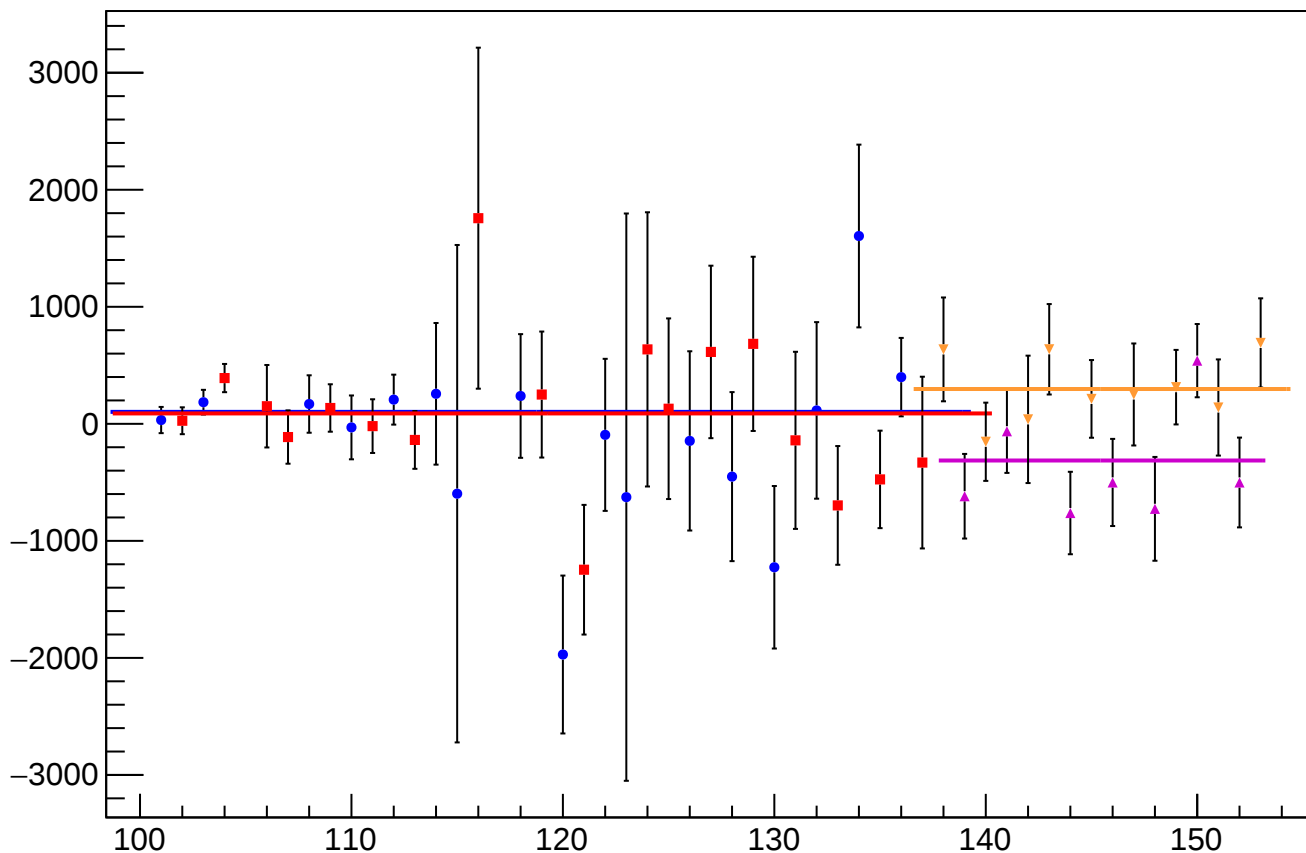
Right: 114.604 $\pm$ 0.028 χ^2 /NDF: 10189429.3/34

In: 138.009 $\pm$ 0.036 χ^2 /NDF: 10002676.0/23

Out: 154.984 $\pm$ 0.037 χ^2 /NDF: 9386194.7/26

All: 146.272 $\pm$ 0.026 χ^2 /NDF: 19498432.3/50

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221+/-63.127 χ^2/NDF : 20.3/16

Left Out: 297.595+/-127.905 χ^2/NDF :4.7/8

Right Out: 88.841+/-62.230 χ^2/NDF : 21.7/17

Left In: -313.306+/-137.477 χ^2/NDF :11.6/6

Left: 14.149+/-93.644 χ^2/NDF : 26.9/15

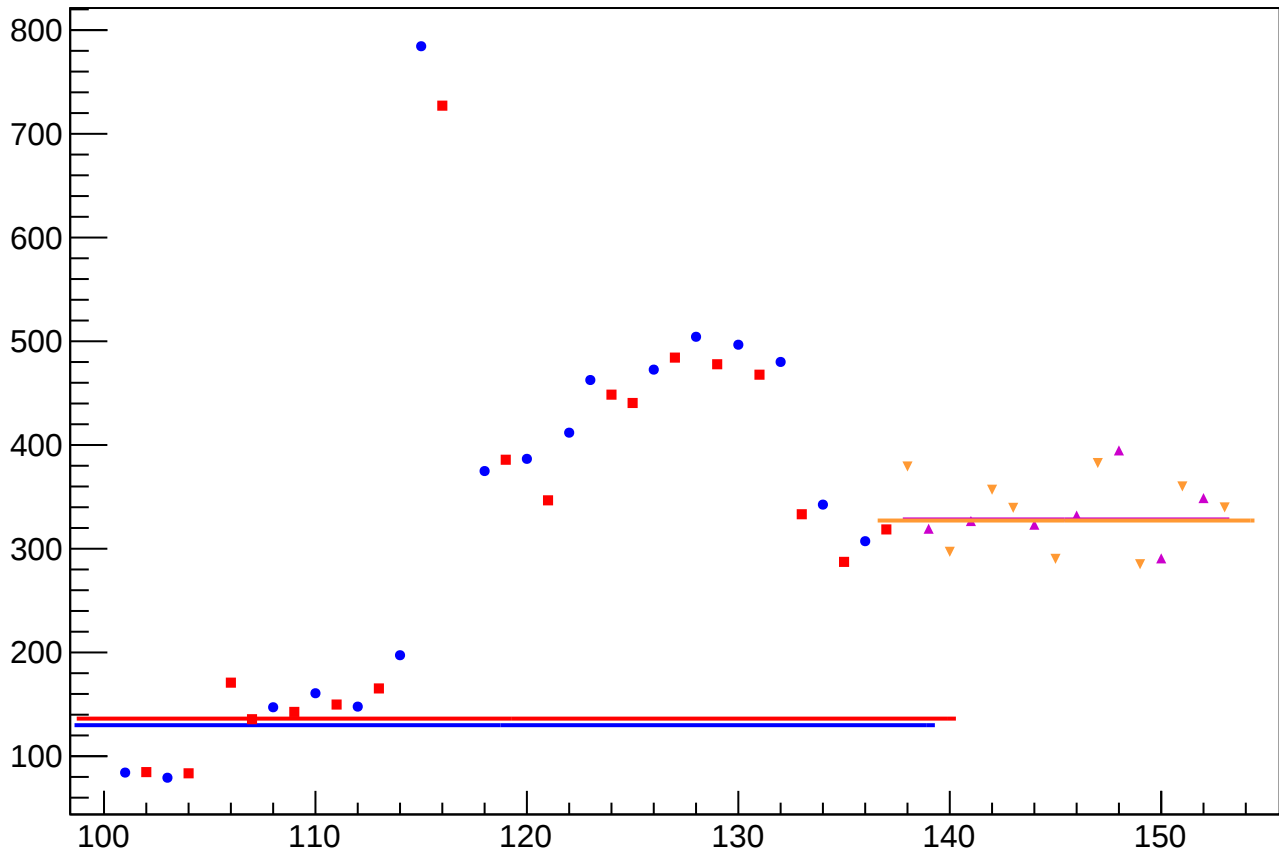
Right: 95.435+/-44.317 χ^2/NDF : 42.0/34

In: 29.863+/-57.368 χ^2/NDF :39.4/23

Out: 128.798+/-55.959 χ^2/NDF :28.6/26

All: 80.561+/-40.058 χ^2/NDF : 69.5/50

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 327.189+/-0.090 χ^2/NDF :158936.0/8

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 328.260+/-0.097 χ^2/NDF :81419.7/6

Left: 327.686+/-0.066 χ^2/NDF : 240420.7/15

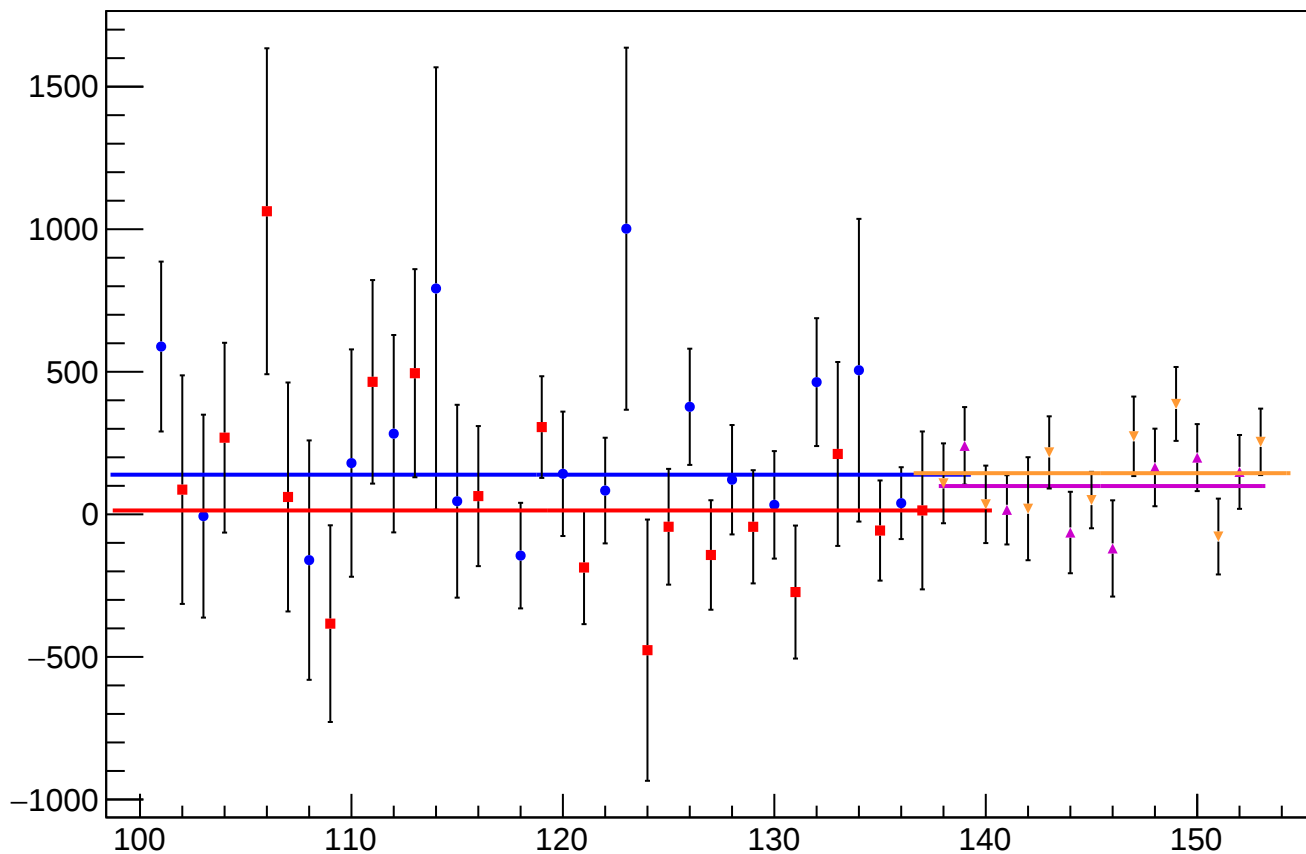
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 164.428+/-0.041 χ^2/NDF :8350152.6/23

Out: 172.777+/-0.040 χ^2/NDF :8046593.9/26

All: 168.706+/-0.028 χ^2/NDF : 16418451.6/50

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: 144.396 $\pm$ 42.976 χ^2 /NDF:10.5/8

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 99.282 $\pm$ 50.506 χ^2 /NDF:5.6/6

Left: 125.449 $\pm$ 32.730 χ^2 /NDF: 16.6/15

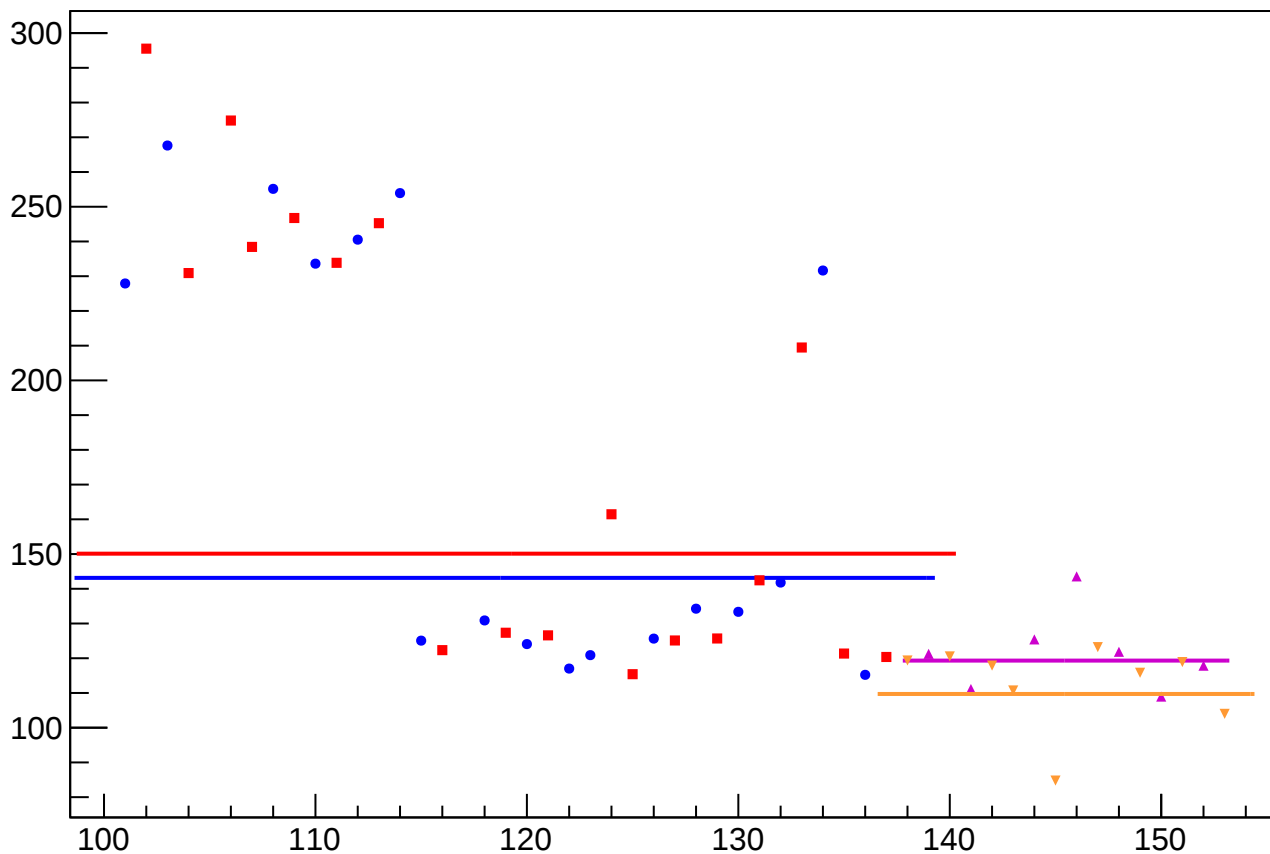
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 116.457 $\pm$ 38.084 χ^2 /NDF:19.0/23

Out: 100.182 $\pm$ 34.963 χ^2 /NDF:30.0/26

All: 107.626 $\pm$ 25.755 χ^2 /NDF: 49.1/50

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: 109.713 $\pm$ 0.030 χ^2 /NDF:190831.4/8

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 119.321 $\pm$ 0.036 χ^2 /NDF:70896.1/6

Left: 113.748 $\pm$ 0.023 χ^2 /NDF: 303711.3/15

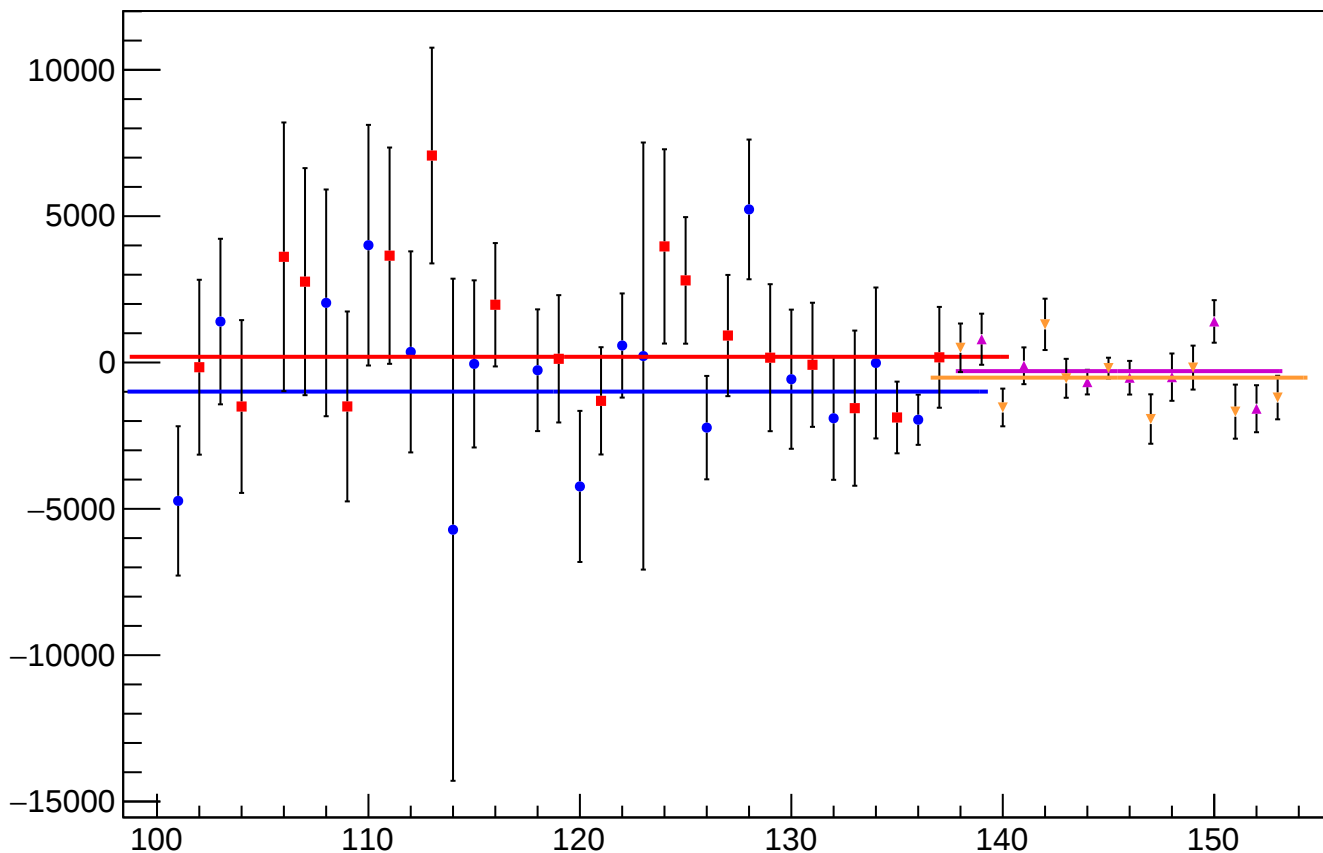
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 129.597 $\pm$ 0.027 χ^2 /NDF:1364061.9/23

Out: 123.372 $\pm$ 0.025 χ^2 /NDF:2121110.5/26

All: 126.219 $\pm$ 0.018 χ^2 /NDF: 3514165.9/50

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -517.172+/-215.269 χ^2/NDF : 14.6/8

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -294.679+/-239.139 χ^2/NDF : 10.7/6

Left: -417.581+/-159.994 χ^2/NDF : 25.8/15

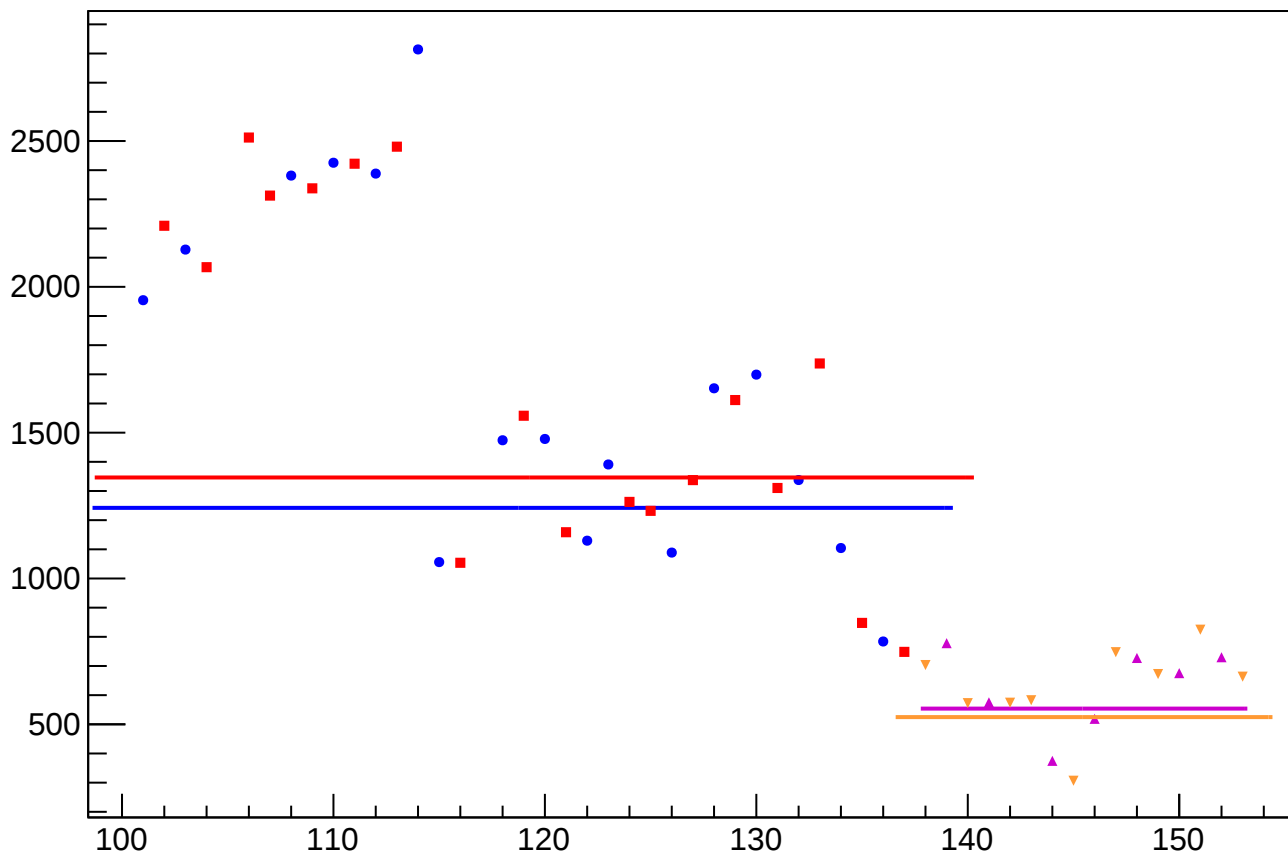
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -418.104+/-217.005 χ^2/NDF : 29.1/23

Out: -420.690+/-200.158 χ^2/NDF : 29.6/26

All: -419.501+/-147.129 χ^2/NDF : 58.8/50

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: 524.736 $\pm$ 0.152 χ^2 /NDF:1382854.1/8

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 553.887 $\pm$ 0.169 χ^2 /NDF:748605.5/6

Left: 537.785 $\pm$ 0.113 χ^2 /NDF: 2147876.7/15

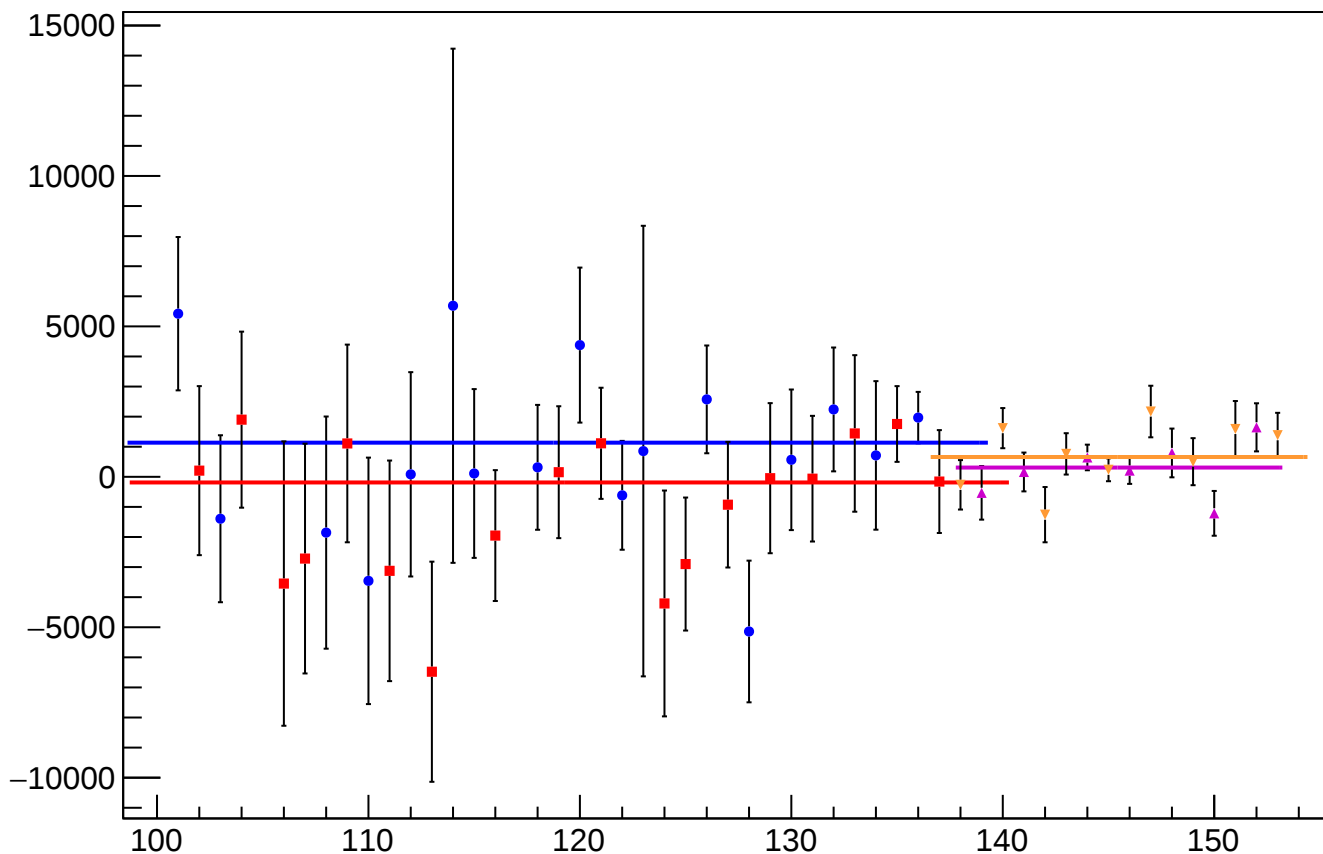
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 675.403 $\pm$ 0.153 χ^2 /NDF:5441029.5/23

Out: 636.036 $\pm$ 0.142 χ^2 /NDF:7138624.8/26

All: 654.132 $\pm$ 0.104 χ^2 /NDF: 12615217.4/50

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 658.621+/-224.232 χ^2/NDF : 14.1/8

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 307.789+/-228.075 χ^2/NDF : 9.0/6

Left: 486.185+/-159.897 χ^2/NDF : 24.2/15

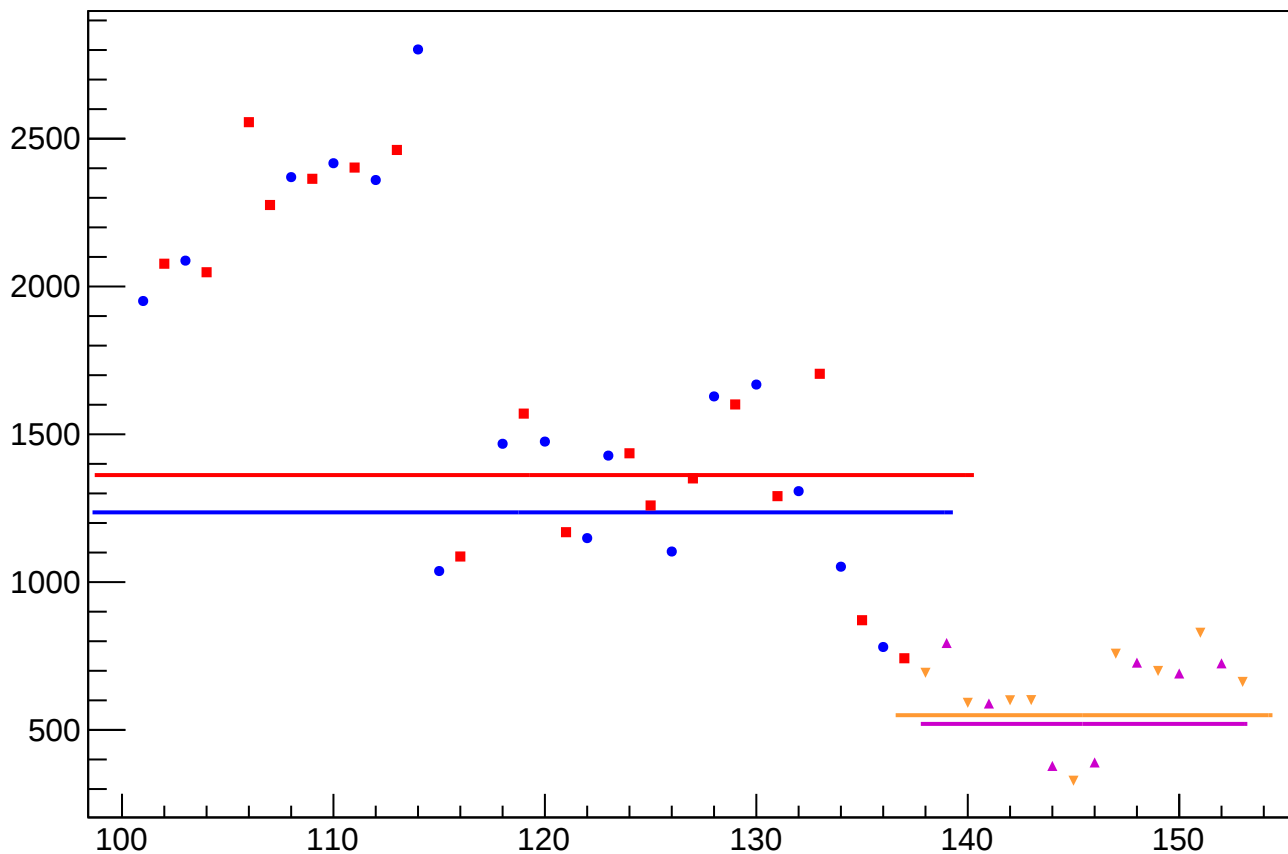
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 444.005+/-208.457 χ^2/NDF : 28.9/23

Out: 537.344+/-207.541 χ^2/NDF : 28.1/26

All: 490.880+/-147.076 χ^2/NDF : 57.1/50

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 549.807 $\pm$ 0.159 χ^2 /NDF: 1180391.3/8

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 520.354 $\pm$ 0.161 χ^2 /NDF: 977179.3/6

Left: 535.330 $\pm$ 0.113 χ^2 /NDF: 2174530.3/15

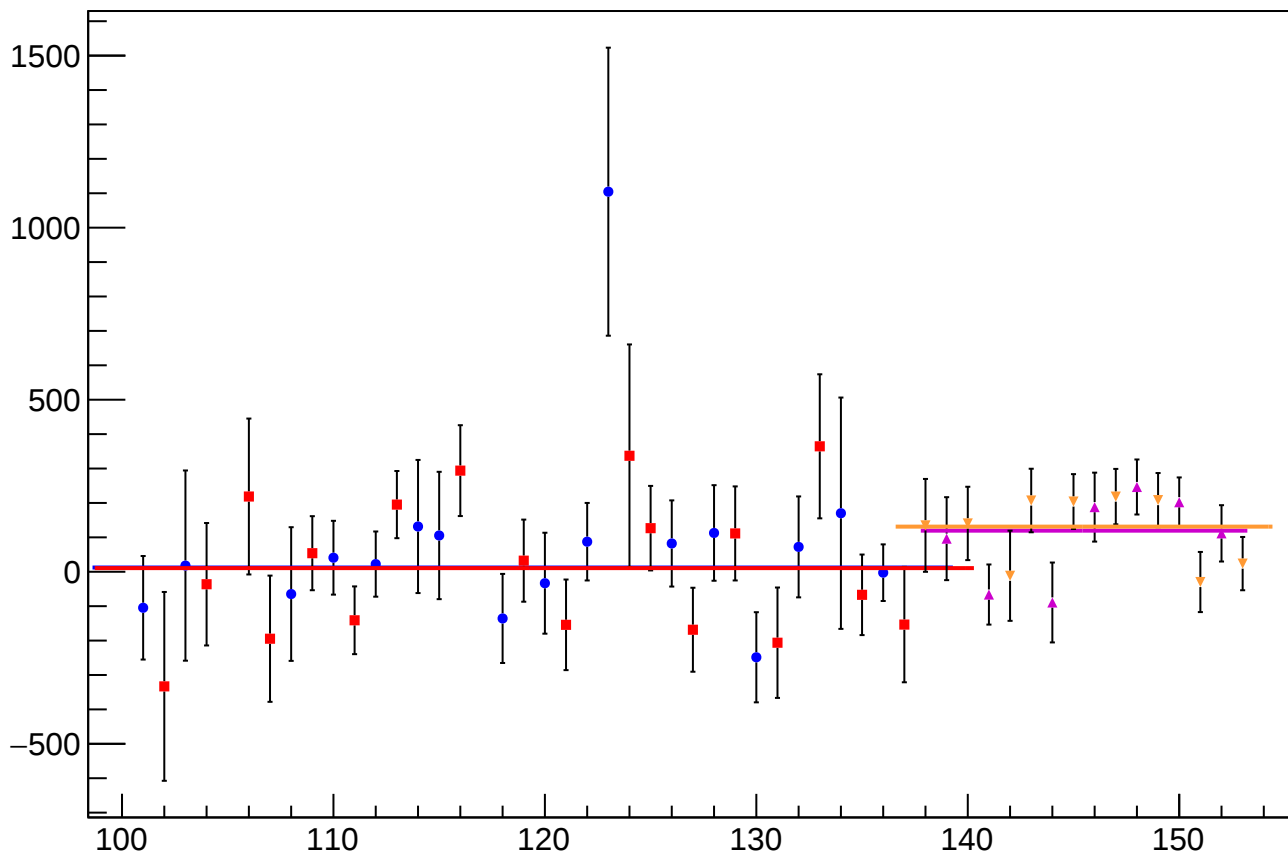
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 638.157 $\pm$ 0.147 χ^2 /NDF: 5964019.7/23

Out: 666.233 $\pm$ 0.147 χ^2 /NDF: 6651445.9/26

All: 652.257 $\pm$ 0.104 χ^2 /NDF: 12633685.1/50

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 131.179+/-30.294 χ^2/NDF : 10.2/8

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 119.467+/-33.864 χ^2/NDF : 12.1/6

Left: 125.973+/-22.578 χ^2/NDF : 22.3/15

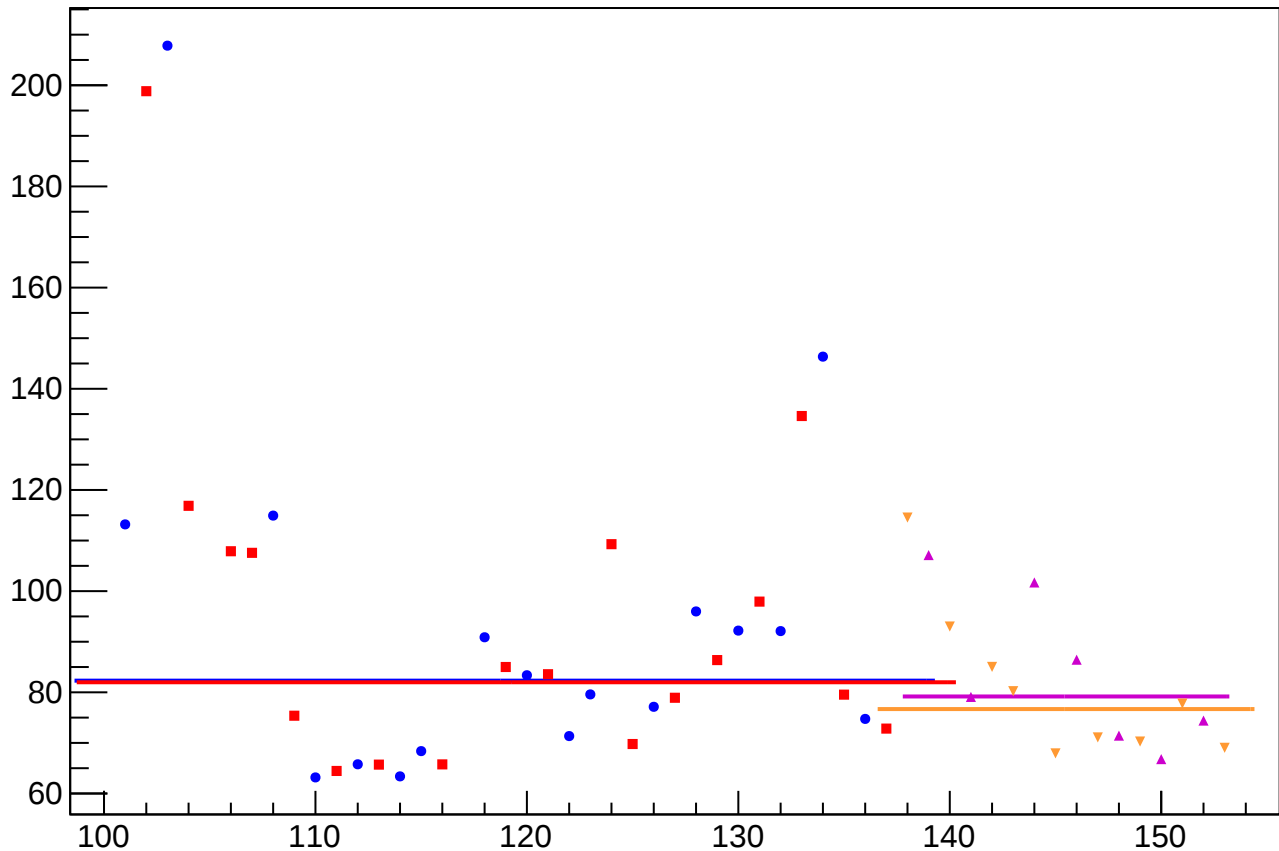
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 64.872+/-23.717 χ^2/NDF : 32.6/23

Out: 75.311+/-22.193 χ^2/NDF : 44.2/26

All: 70.438+/-16.205 χ^2/NDF : 76.9/50

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: 76.689 $\pm$ 0.021 χ^2 /NDF: 282391.6/8

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 79.180 $\pm$ 0.024 χ^2 /NDF: 278041.8/6

Left: 77.796 $\pm$ 0.016 χ^2 /NDF: 566442.0/15

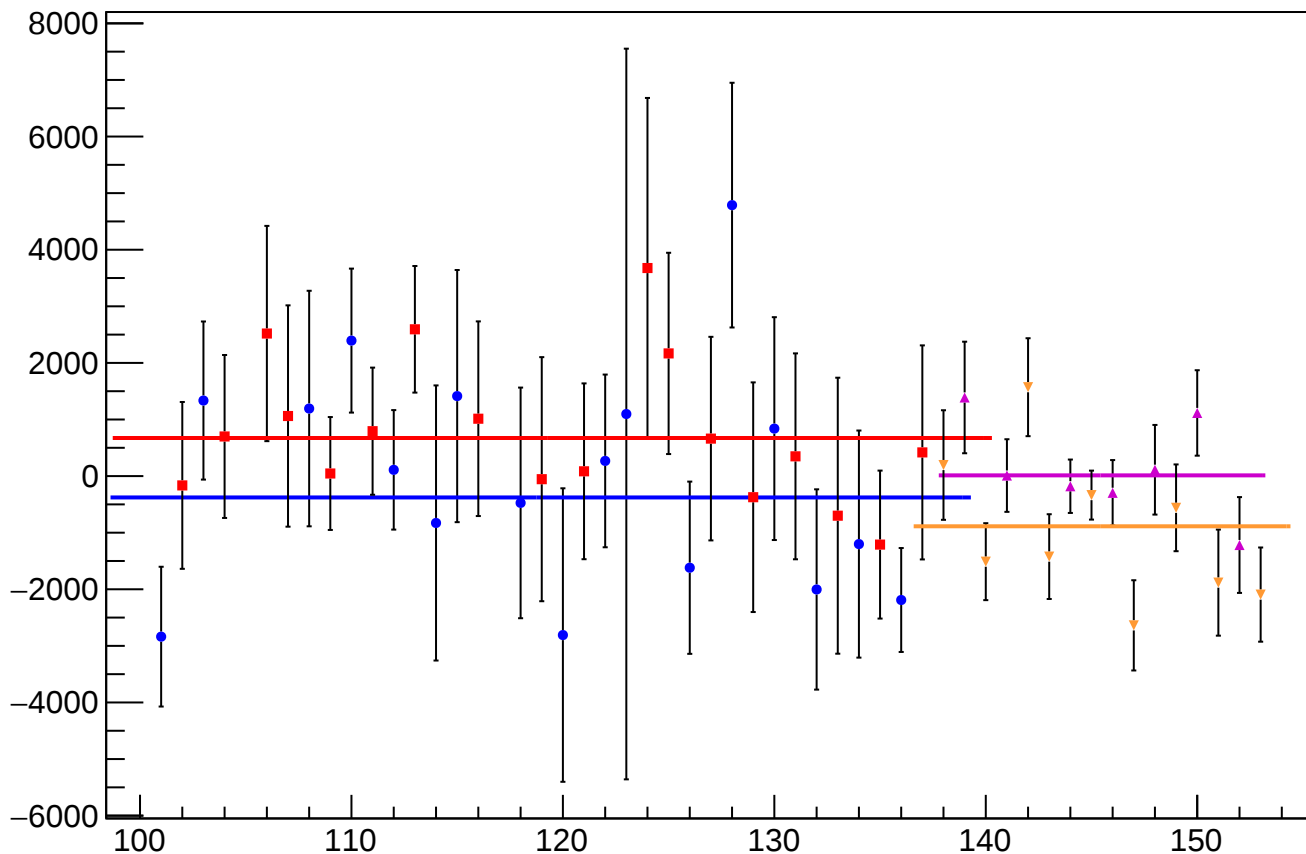
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 80.772 $\pm$ 0.017 χ^2 /NDF: 1155468.3/23

Out: 79.144 $\pm$ 0.016 χ^2 /NDF: 1163950.6/26

All: 79.904 $\pm$ 0.011 χ^2 /NDF: 2324446.5/50

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -887.031 ± 238.718 $\chi^2/\text{NDF}: 20.5/8$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 12.852 ± 252.507 $\chi^2/\text{NDF}: 6.7/6$

Left: -462.329 ± 173.469 $\chi^2/\text{NDF}: 33.9/15$

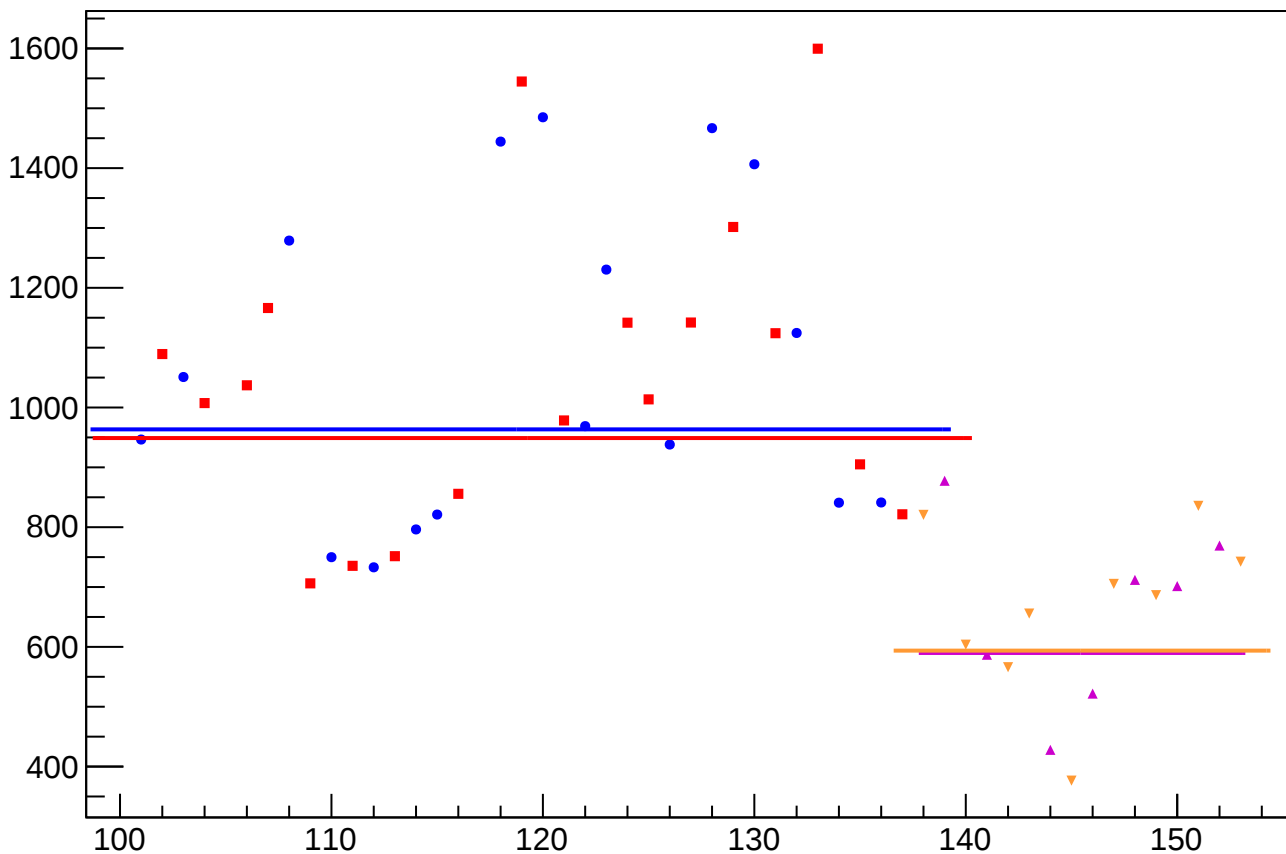
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -104.977 ± 210.963 $\chi^2/\text{NDF}: 31.8/23$

Out: -426.039 ± 200.372 $\chi^2/\text{NDF}: 42.5/26$

All: -273.769 ± 145.284 $\chi^2/\text{NDF}: 75.6/50$

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: 593.746 $\pm$ 0.169 χ^2 /NDF: 895470.2/8

Right Out: 948.947 $\pm$ 0.261 χ^2 /NDF: 729378.3/17

Left In: 589.851 $\pm$ 0.179 χ^2 /NDF: 614735.8/6

Left: 591.907 $\pm$ 0.123 χ^2 /NDF: 1510457.3/15

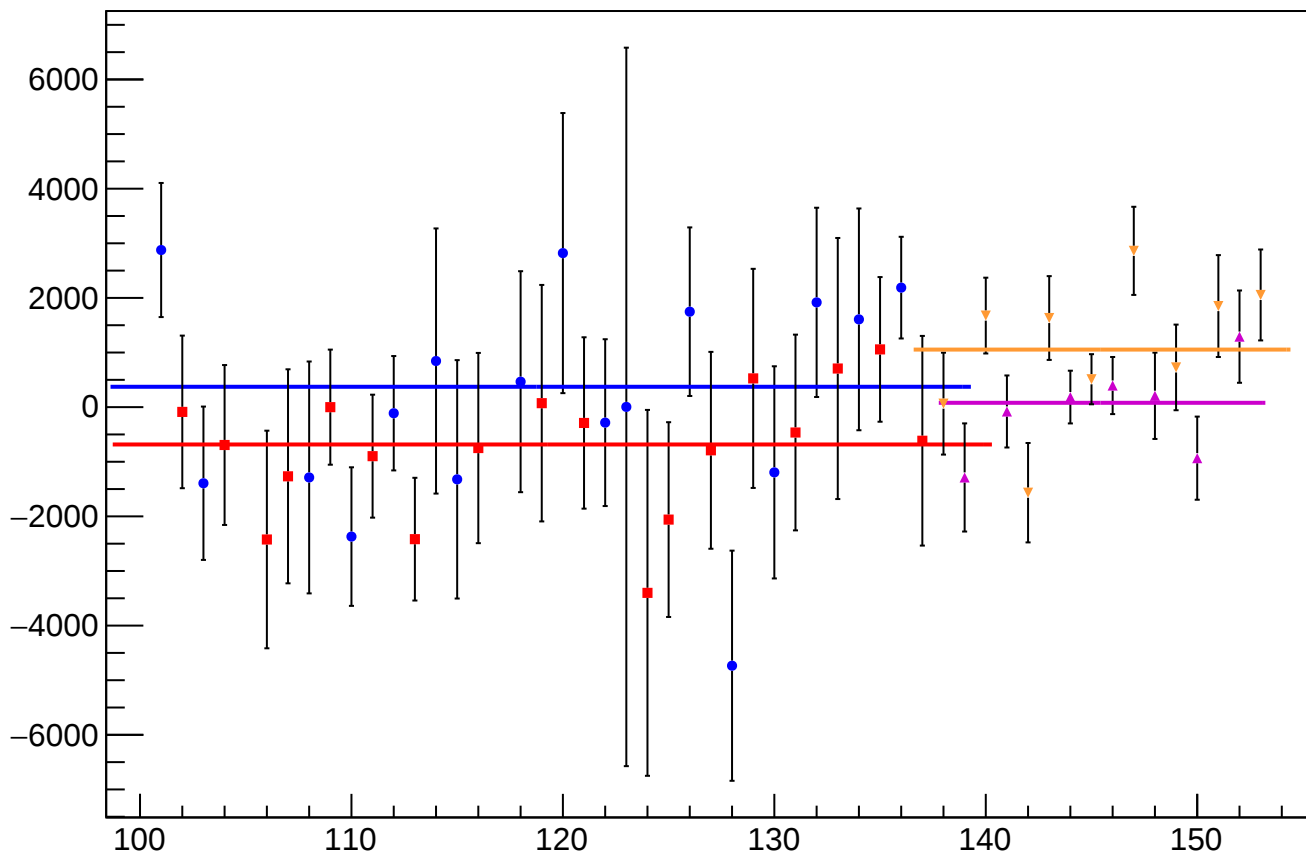
Right: 955.914 $\pm$ 0.188 χ^2 /NDF: 1419740.5/34

In: 702.677 $\pm$ 0.149 χ^2 /NDF: 2625888.2/23

Out: 698.695 $\pm$ 0.142 χ^2 /NDF: 2933174.8/26

All: 700.584 $\pm$ 0.103 χ^2 /NDF: 5559437.5/50

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1053.921+/-245.175 χ^2/NDF :19.6/8

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: 79.395+/-250.025 χ^2/NDF :6.2/6

Left: 576.202+/-175.055 χ^2/NDF : 33.5/15

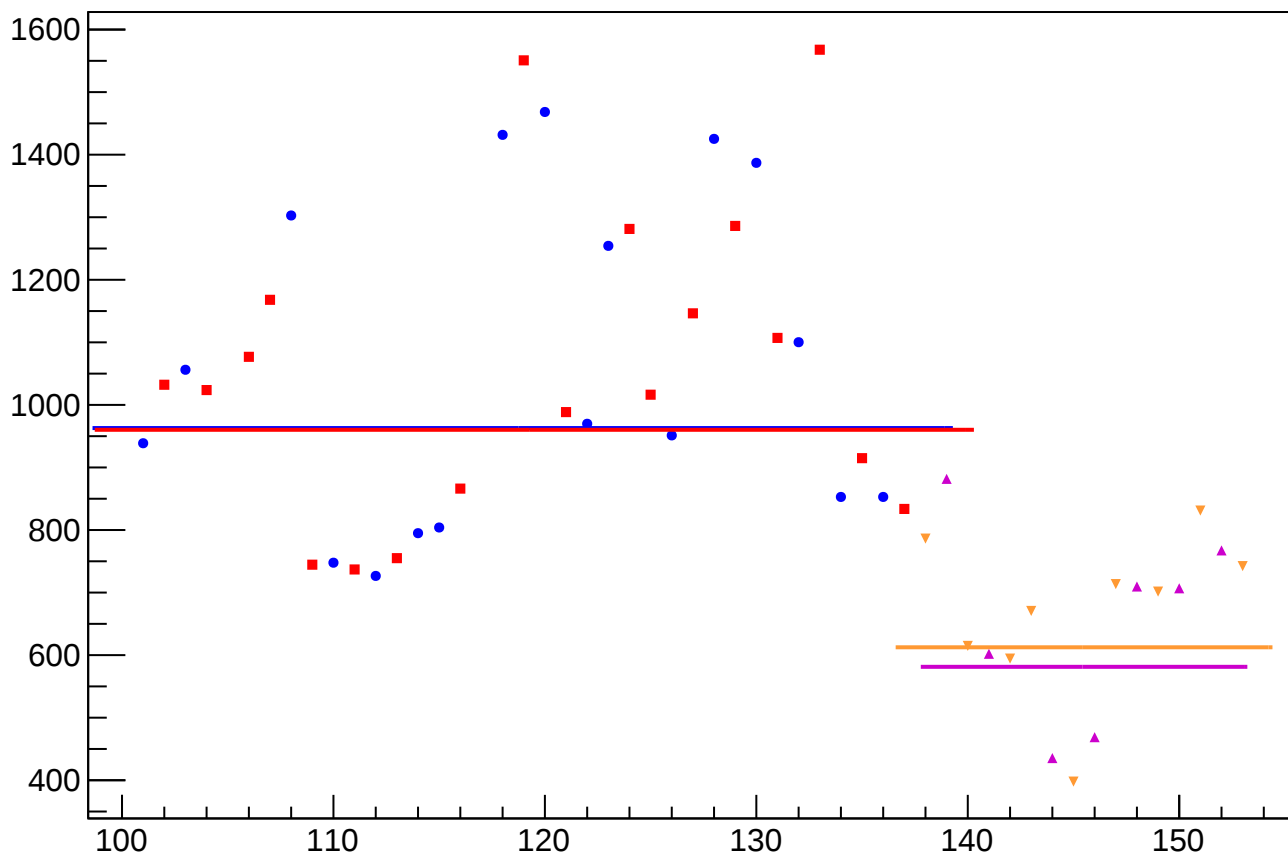
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 166.886+/-209.471 χ^2/NDF :31.9/23

Out: 528.561+/-204.782 χ^2/NDF :42.5/26

All: 351.816+/-146.433 χ^2/NDF : 75.9/50

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971+/-0.271 χ^2/NDF : 667521.9/16

Left Out: 612.518+/-0.173 χ^2/NDF : 734973.4/8

Right Out: 960.218+/-0.263 χ^2/NDF : 671009.3/17

Left In: 581.307+/-0.177 χ^2/NDF : 665612.4/6

Left: 597.218+/-0.124 χ^2/NDF : 1416474.0/15

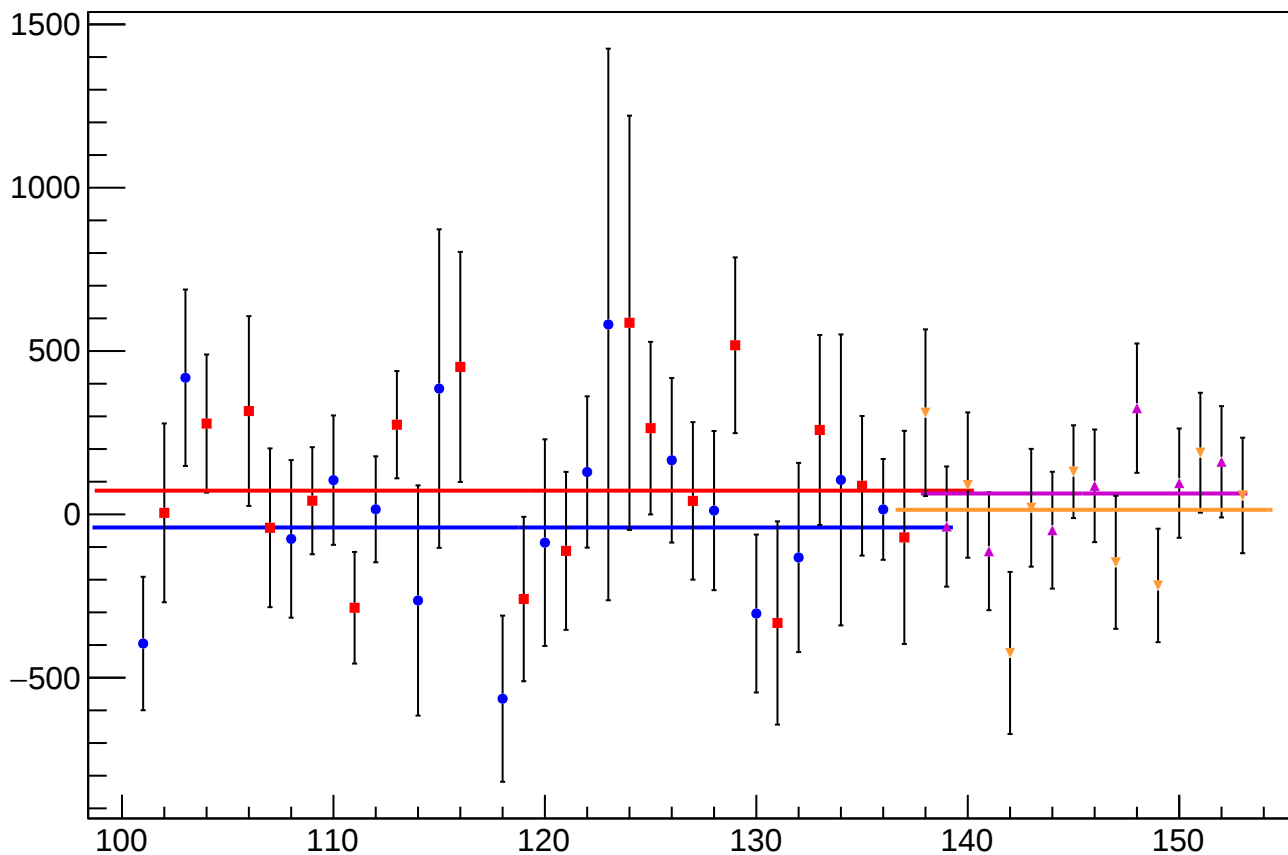
Right: 961.553+/-0.189 χ^2/NDF : 1338584.2/34

In: 695.078+/-0.148 χ^2/NDF : 2722369.5/23

Out: 717.648+/-0.145 χ^2/NDF : 2622196.4/26

All: 706.618+/-0.104 χ^2/NDF : 5356438.6/50

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -40.122 ± 59.256 $\chi^2/\text{NDF}: 15.3/16$

Left Out: 13.946 ± 63.105 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 63.871 ± 67.293 $\chi^2/\text{NDF}: 3.8/6$

Left: 37.307 ± 46.031 $\chi^2/\text{NDF}: 12.7/15$

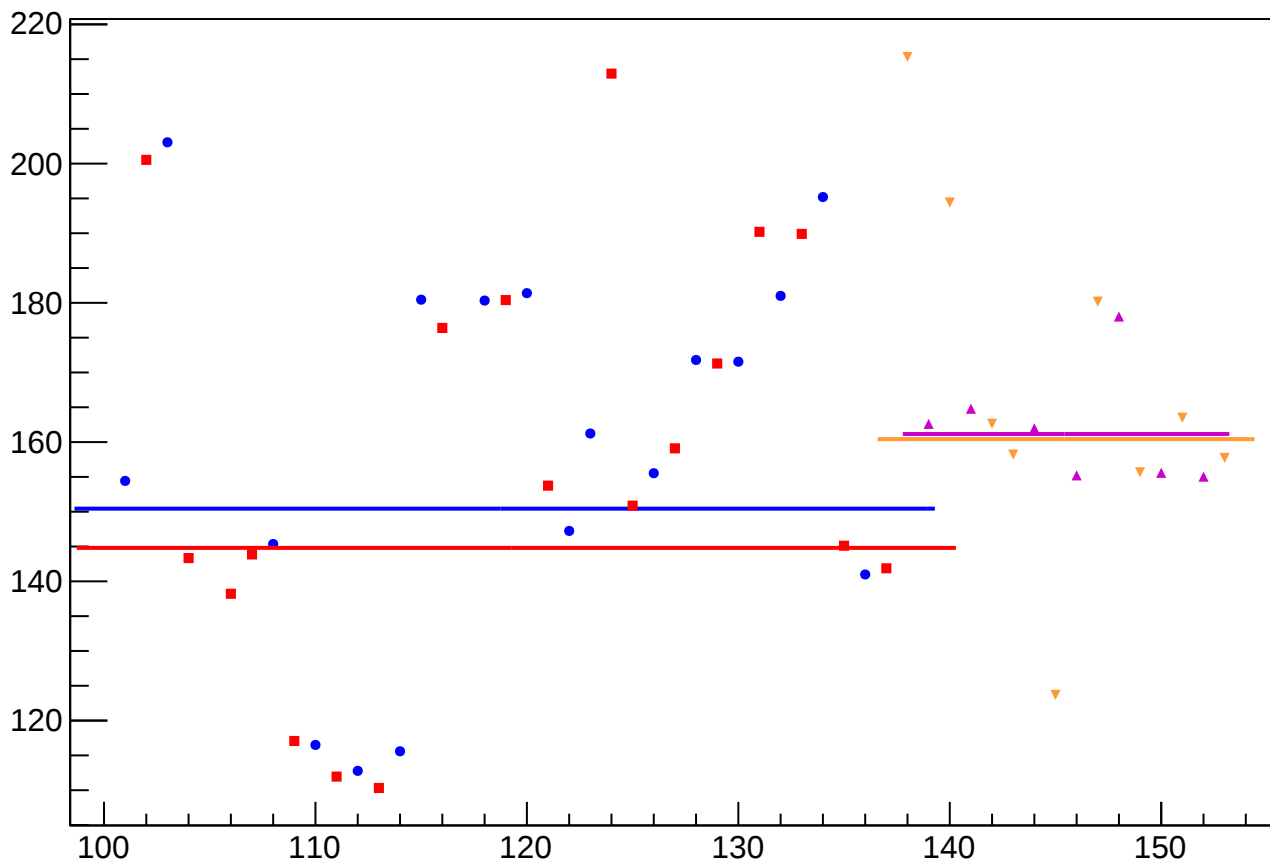
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 5.297 ± 44.472 $\chi^2/\text{NDF}: 20.4/23$

Out: 46.601 ± 42.016 $\chi^2/\text{NDF}: 26.7/26$

All: 27.121 ± 30.541 $\chi^2/\text{NDF}: 47.6/50$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.424 $\pm$ 0.045 χ^2 /NDF:294913.6/8

Right Out: 144.807 $\pm$ 0.040 χ^2 /NDF: 503863.1/17

Left In: 161.166 $\pm$ 0.048 χ^2 /NDF:22684.6/6

Left: 160.771 $\pm$ 0.033 χ^2 /NDF: 317727.7/15

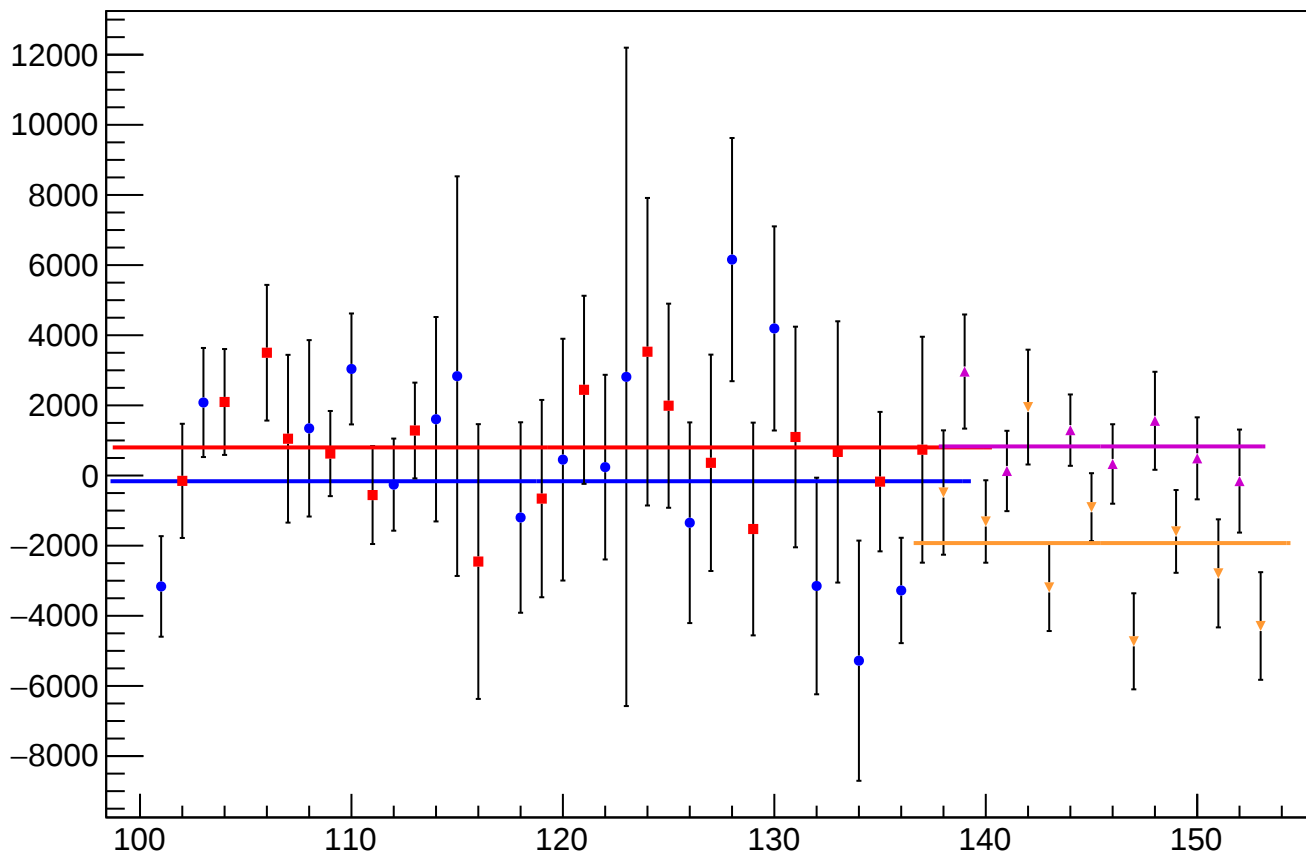
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 155.125 $\pm$ 0.031 χ^2 /NDF:451416.1/23

Out: 151.730 $\pm$ 0.030 χ^2 /NDF:866960.5/26

All: 153.331 $\pm$ 0.022 χ^2 /NDF: 1324536.5/50

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -1926.268 ± 437.585 $\chi^2/\text{NDF}: 15.6/8$

Right Out: 801.139 ± 486.610 $\chi^2/\text{NDF}: 6.9/17$

Left In: 829.525 ± 466.696 $\chi^2/\text{NDF}: 3.3/6$

Left: -636.996 ± 319.215 $\chi^2/\text{NDF}: 37.5/15$

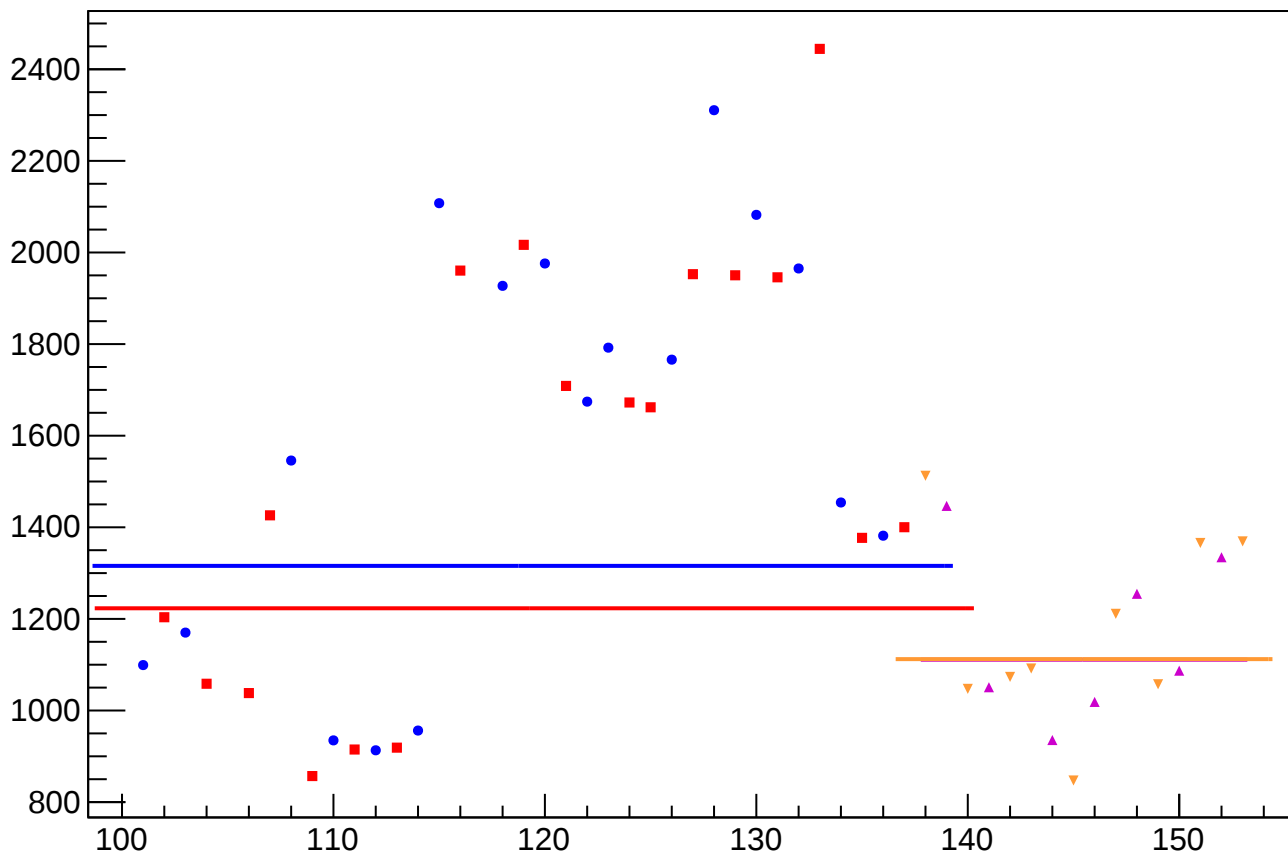
Right: 363.081 ± 359.419 $\chi^2/\text{NDF}: 33.7/34$

In: 399.036 ± 351.167 $\chi^2/\text{NDF}: 30.3/23$

Out: -706.836 ± 325.376 $\chi^2/\text{NDF}: 39.9/26$

All: -195.997 ± 238.673 $\chi^2/\text{NDF}: 75.6/50$

asym_sam_48_avg_correction_rms vs Slug, Sign Corrected



Right In: 1315.784 $\pm$ 0.377 χ^2 /NDF: 1118346.6/16

Left Out: 1112.180 $\pm$ 0.309 χ^2 /NDF:384222.6/8

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1110.861 $\pm$ 0.330 χ^2 /NDF:231744.8/6

Left: 1111.563 $\pm$ 0.226 χ^2 /NDF: 615975.9/15

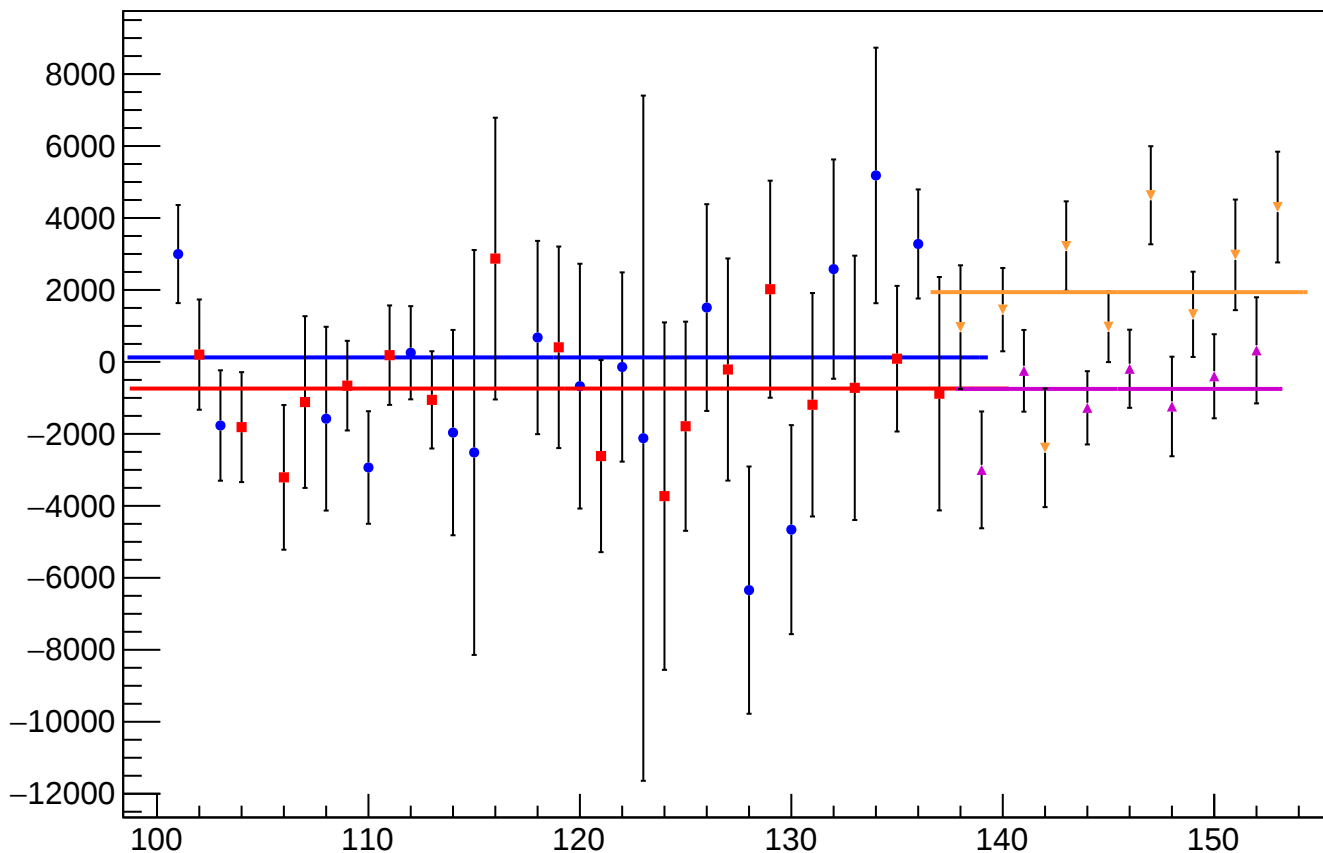
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1199.760 $\pm$ 0.248 χ^2 /NDF:1517373.4/23

Out: 1161.808 $\pm$ 0.230 χ^2 /NDF:1804814.5/26

All: 1179.339 $\pm$ 0.169 χ^2 /NDF: 3334757.1/50

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377 $\pm$ 526.801 χ^2 /NDF: 24.7/16

Left Out: 1939.043 $\pm$ 437.241 χ^2 /NDF:16.4/8

Right Out: -739.954 $\pm$ 486.808 χ^2 /NDF: 6.0/17

Left In: -749.891 $\pm$ 462.082 χ^2 /NDF:3.4/6

Left: 668.791 $\pm$ 317.595 χ^2 /NDF: 37.6/15

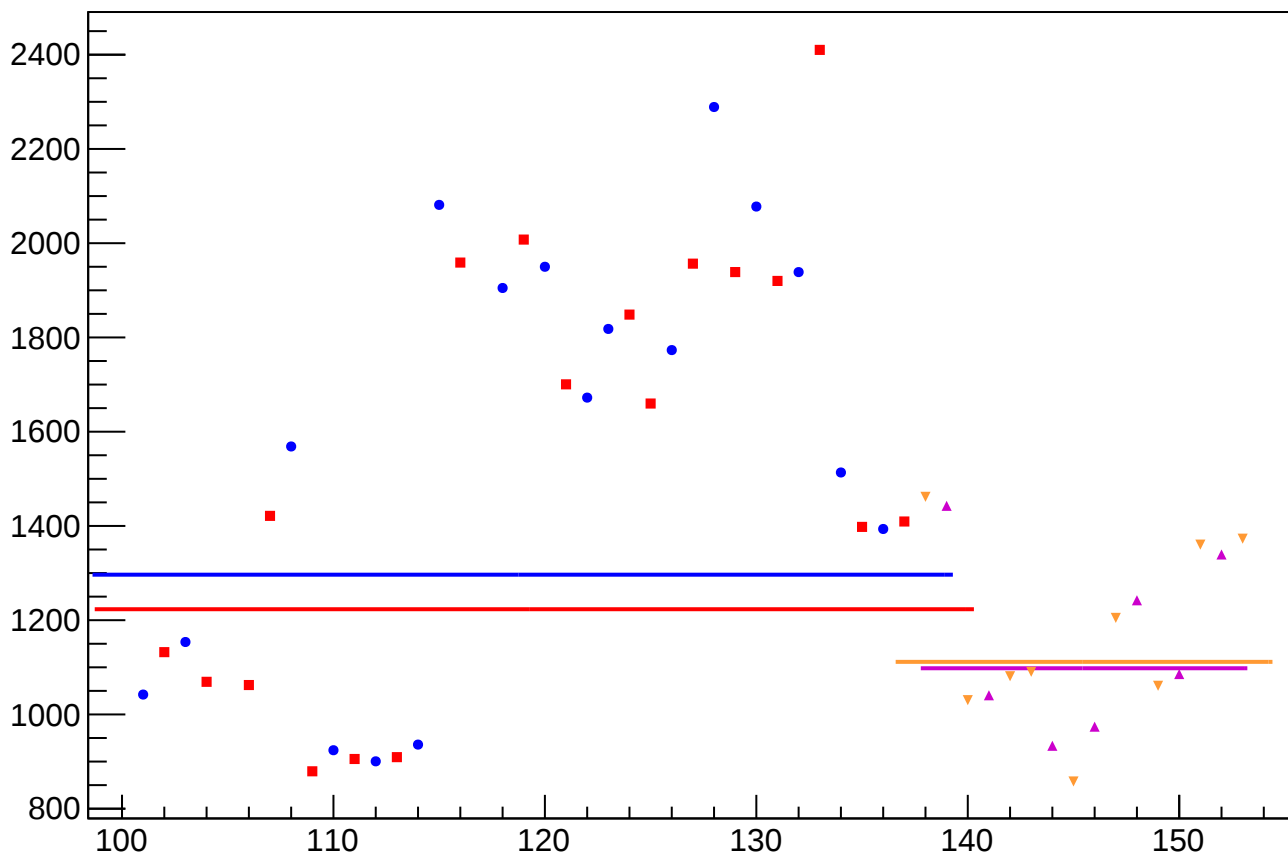
Right: -341.379 $\pm$ 357.529 χ^2 /NDF: 32.1/34

In: -369.296 $\pm$ 347.382 χ^2 /NDF:29.6/23

Out: 742.835 $\pm$ 325.293 χ^2 /NDF:39.1/26

All: 223.250 $\pm$ 237.442 χ^2 /NDF: 74.2/50

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1111.590 $\pm$ 0.309 χ^2 /NDF: 350676.0/8

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1097.988 $\pm$ 0.327 χ^2 /NDF: 249133.9/6

Left: 1105.164 $\pm$ 0.225 χ^2 /NDF: 600724.4/15

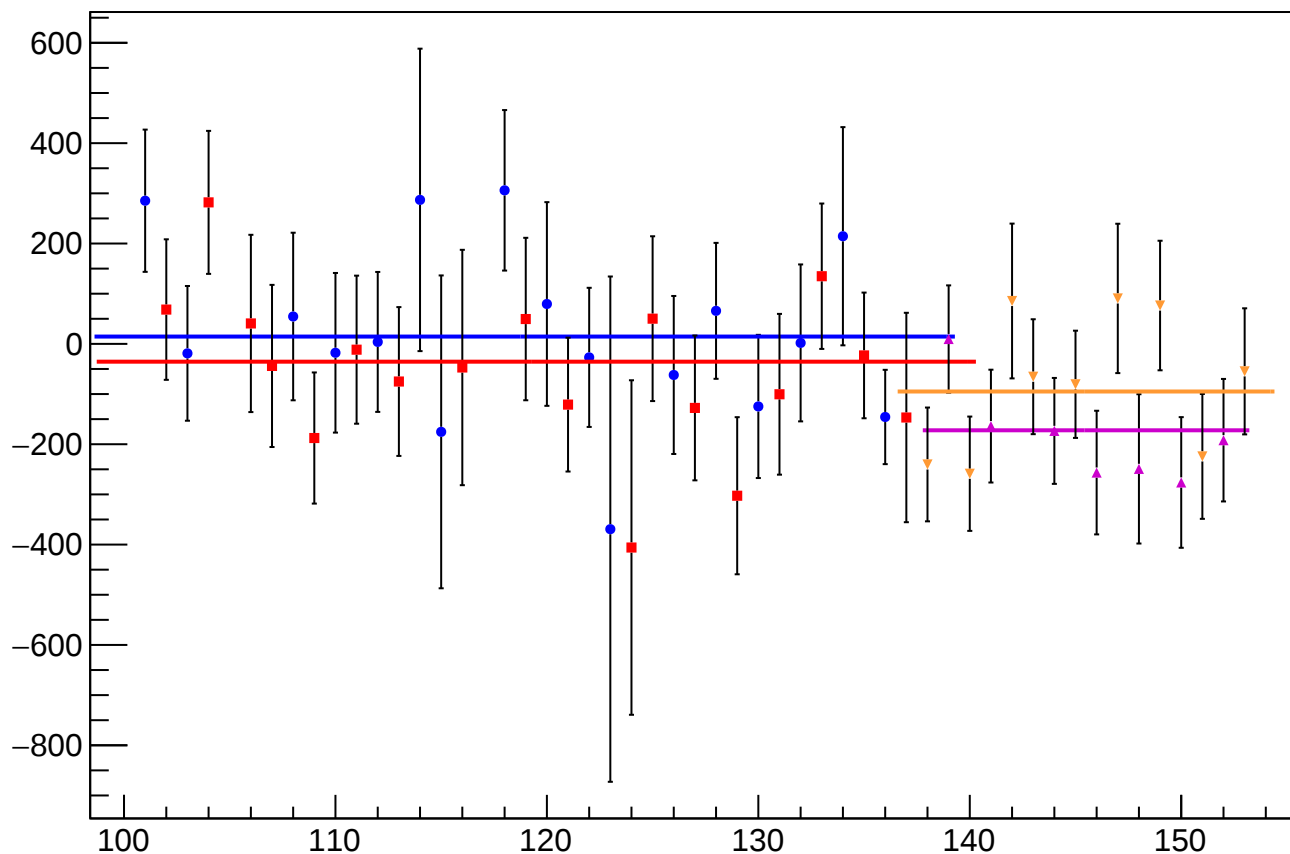
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1184.339 $\pm$ 0.246 χ^2 /NDF: 1585222.9/23

Out: 1161.459 $\pm$ 0.230 χ^2 /NDF: 1755629.8/26

All: 1172.148 $\pm$ 0.168 χ^2 /NDF: 3345475.5/50

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$

Left Out: -94.909 ± 41.038 $\chi^2/\text{NDF}: 9.7/8$

Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$

Left In: -172.231 ± 45.010 $\chi^2/\text{NDF}: 4.3/6$

Left: -130.008 ± 30.325 $\chi^2/\text{NDF}: 15.6/15$

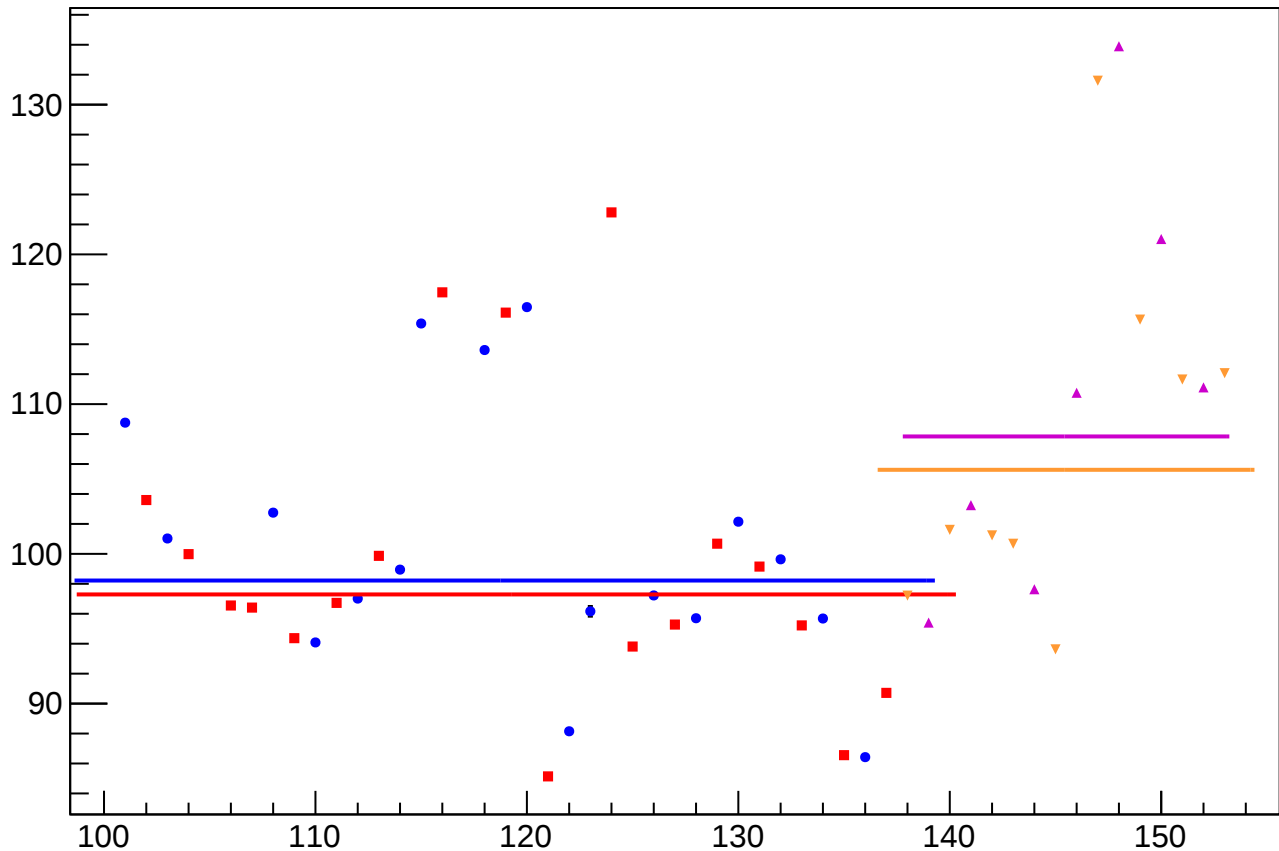
Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$

In: -63.202 ± 29.043 $\chi^2/\text{NDF}: 28.5/23$

Out: -61.908 ± 27.368 $\chi^2/\text{NDF}: 25.3/26$

All: -62.517 ± 19.918 $\chi^2/\text{NDF}: 53.9/50$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 105.613+/-0.029 χ^2/NDF : 126997.8/8

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 107.841+/-0.032 χ^2/NDF : 133516.6/6

Left: 106.625+/-0.021 χ^2/NDF : 263190.3/15

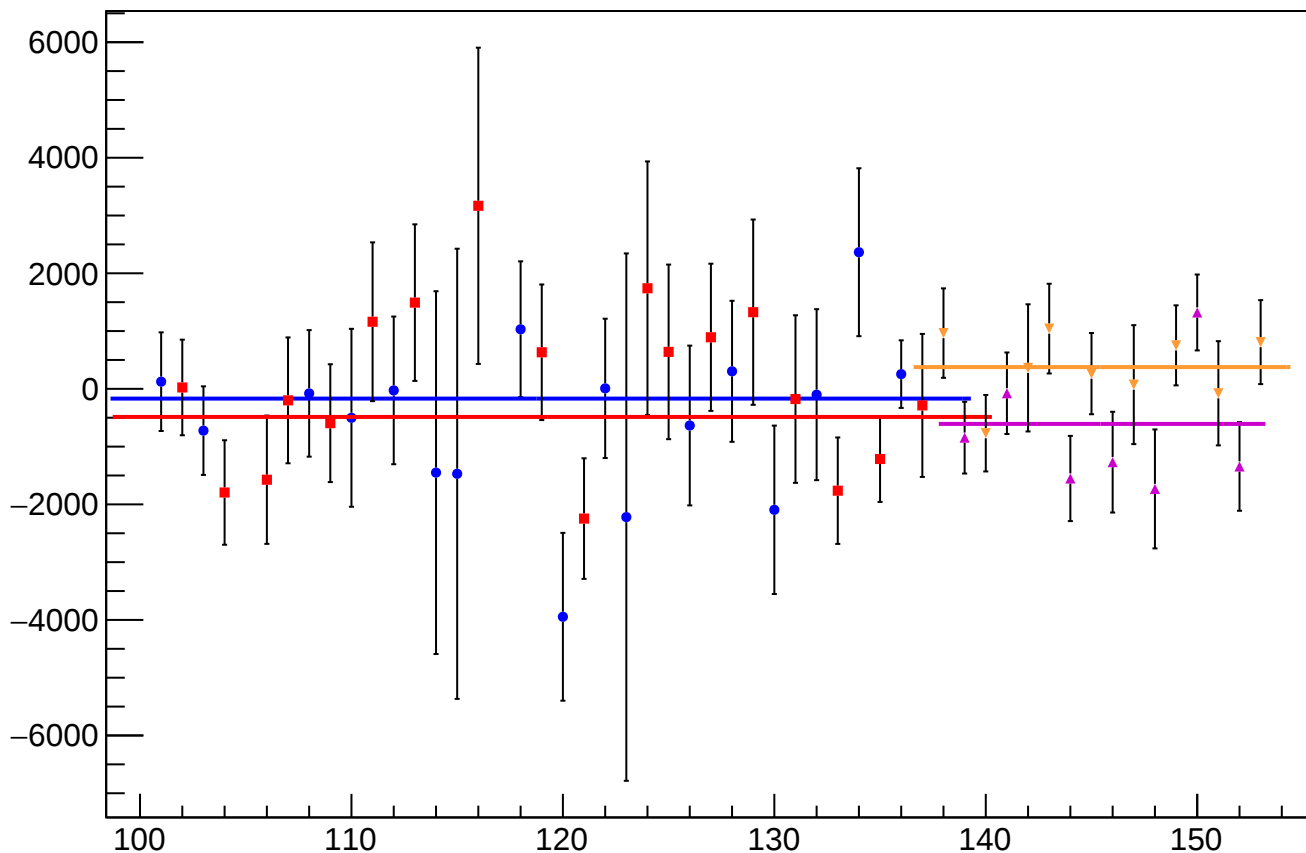
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 102.225+/-0.021 χ^2/NDF : 287373.5/23

Out: 100.992+/-0.019 χ^2/NDF : 268892.8/26

All: 101.572+/-0.014 χ^2/NDF : 558176.5/50

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 $\chi^2/\text{NDF}: 14.6/16$

Left Out: 376.081 ± 261.644 $\chi^2/\text{NDF}: 5.3/8$

Right Out: -486.312 ± 268.010 $\chi^2/\text{NDF}: 19.6/17$

Left In: -607.143 ± 280.434 $\chi^2/\text{NDF}: 13.7/6$

Left: -81.490 ± 191.309 $\chi^2/\text{NDF}: 25.6/15$

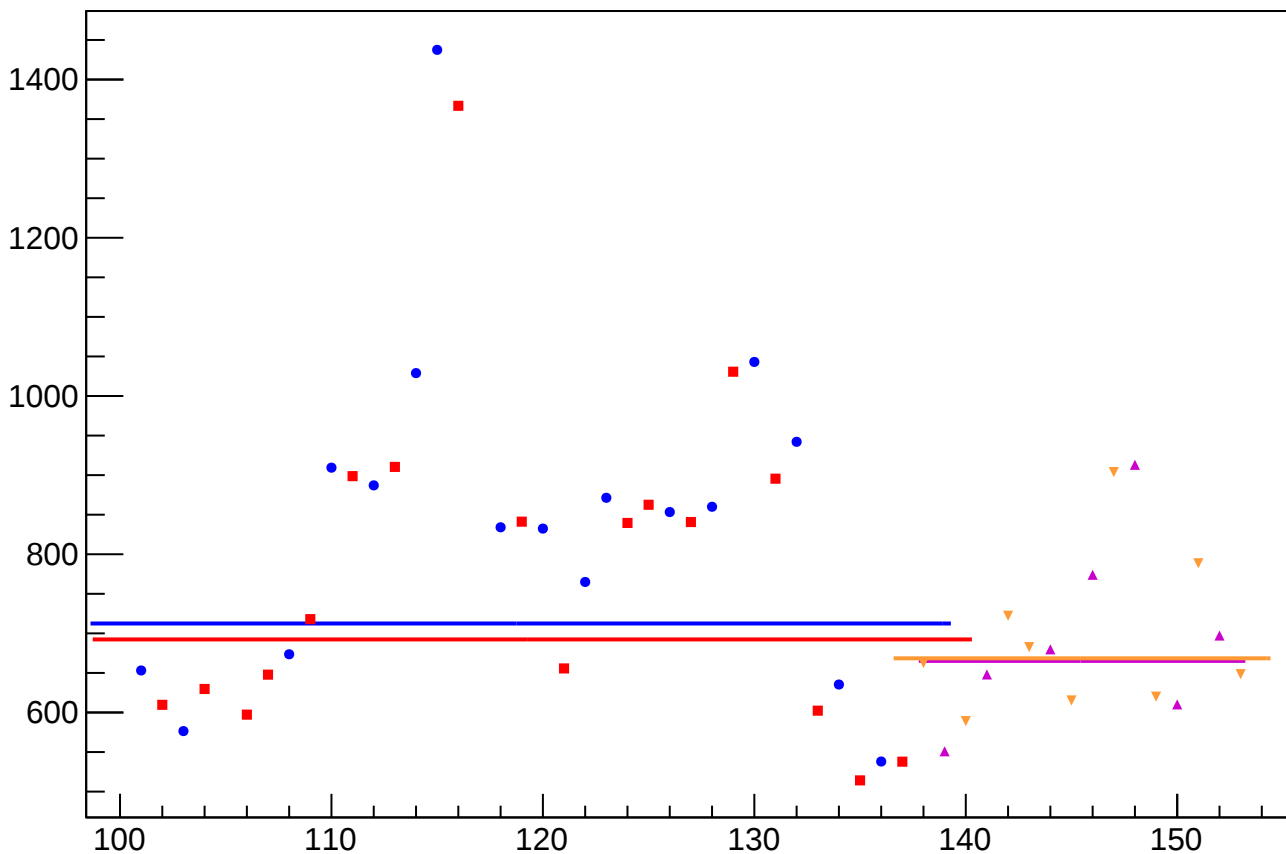
Right: -335.728 ± 194.327 $\chi^2/\text{NDF}: 34.9/34$

In: -389.331 ± 198.911 $\chi^2/\text{NDF}: 29.5/23$

Out: -44.753 ± 187.220 $\chi^2/\text{NDF}: 30.2/26$

All: -206.619 ± 136.330 $\chi^2/\text{NDF}: 61.3/50$

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 668.473+/-0.185 χ^2/NDF : 197072.3/8

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 665.236+/-0.198 χ^2/NDF : 234187.2/6

Left: 666.967+/-0.135 χ^2/NDF : 431402.0/15

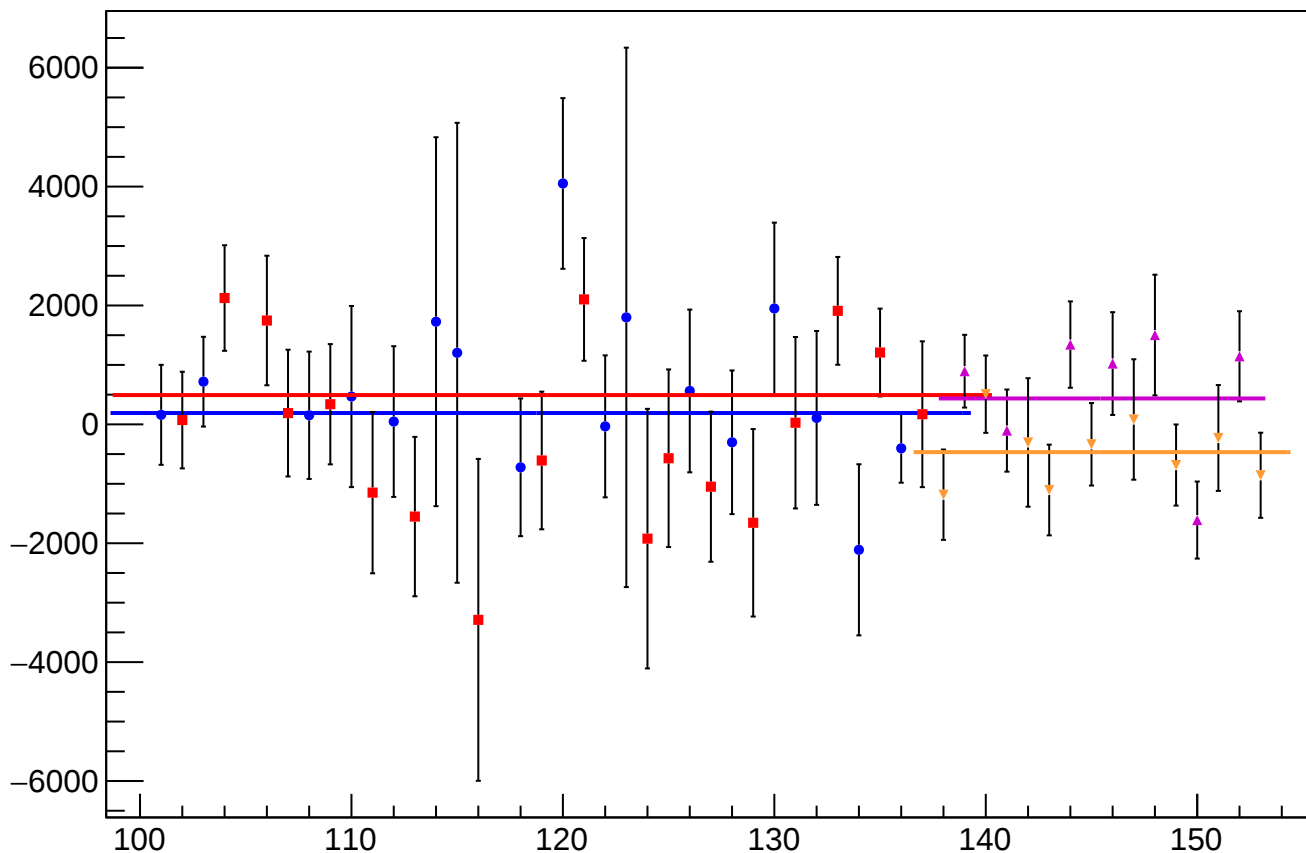
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 688.710+/-0.141 χ^2/NDF : 922908.2/23

Out: 680.121+/-0.132 χ^2/NDF : 862147.5/26

All: 684.155+/-0.096 χ^2/NDF : 1787032.7/50

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -467.552 $\pm$ 257.510 χ^2 /NDF: 4.7/8

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 435.696 $\pm$ 276.396 χ^2 /NDF: 15.1/6

Left: -47.839 $\pm$ 188.410 χ^2 /NDF: 25.5/15

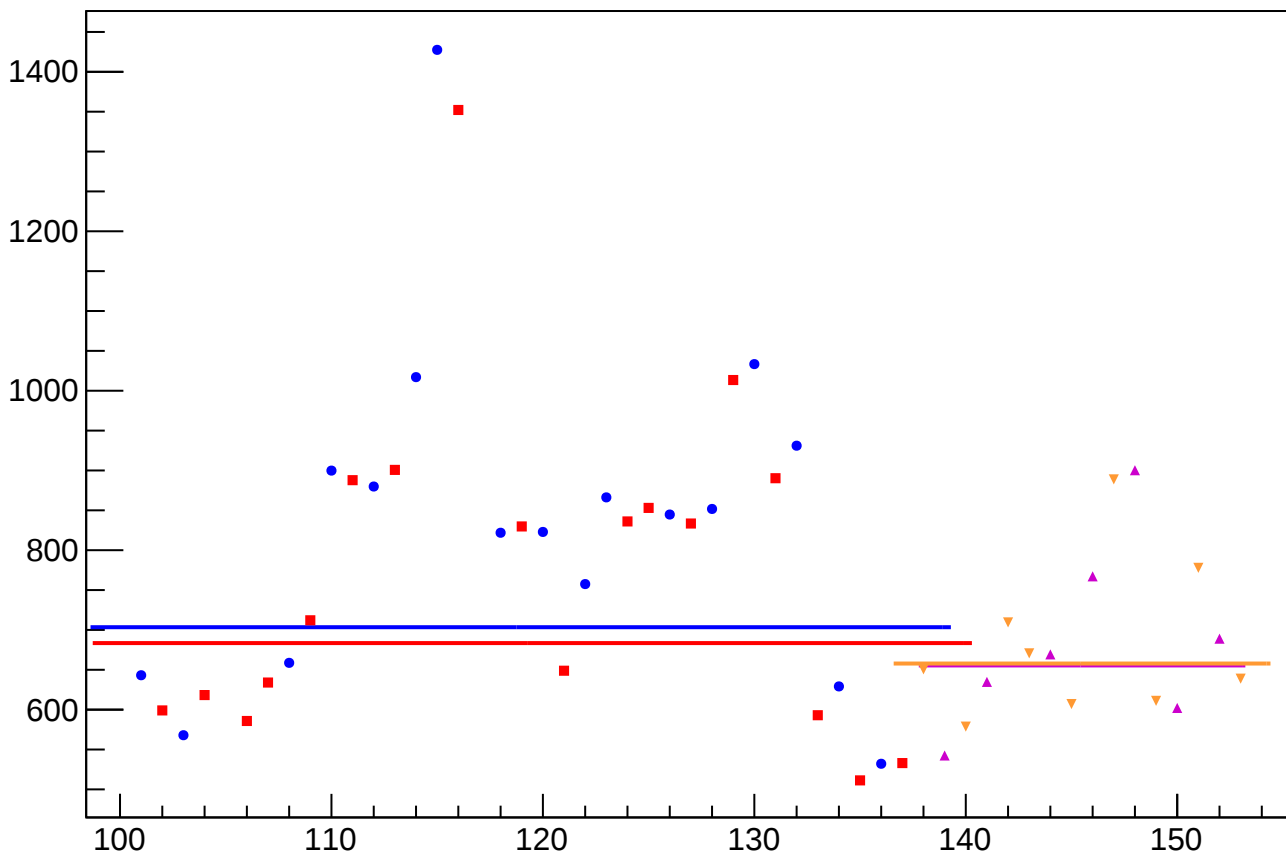
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 314.291 $\pm$ 196.240 χ^2 /NDF: 29.7/23

Out: -0.476 $\pm$ 184.553 χ^2 /NDF: 34.2/26

All: 147.255 $\pm$ 134.440 χ^2 /NDF: 65.3/50

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 657.842 $\pm$ 0.182 χ^2/NDF :196789.2/8

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 655.454 $\pm$ 0.195 χ^2/NDF :237861.0/6

Left: 656.732 $\pm$ 0.133 χ^2/NDF : 434730.1/15

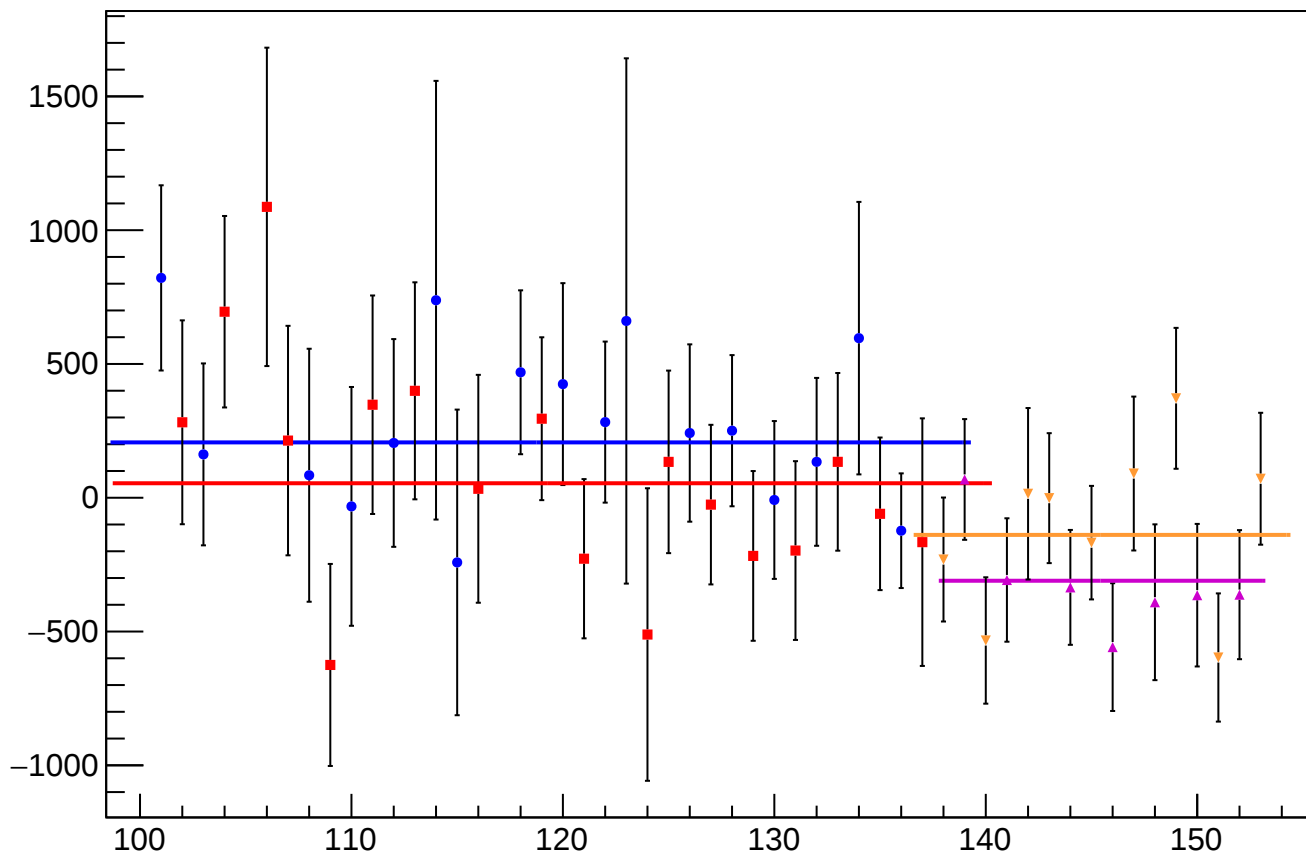
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 679.234 $\pm$ 0.139 χ^2/NDF :934599.0/23

Out: 670.318 $\pm$ 0.130 χ^2/NDF :865797.0/26

All: 674.502 $\pm$ 0.095 χ^2/NDF : 1802586.9/50

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 χ^2/NDF : 9.5/16

Left Out: -138.825 ± 82.798 χ^2/NDF : 12.3/8

Right Out: 54.185 ± 85.192 χ^2/NDF : 15.7/17

Left In: -310.191 ± 90.997 χ^2/NDF : 4.1/6

Left: -216.441 ± 61.241 χ^2/NDF : 18.3/15

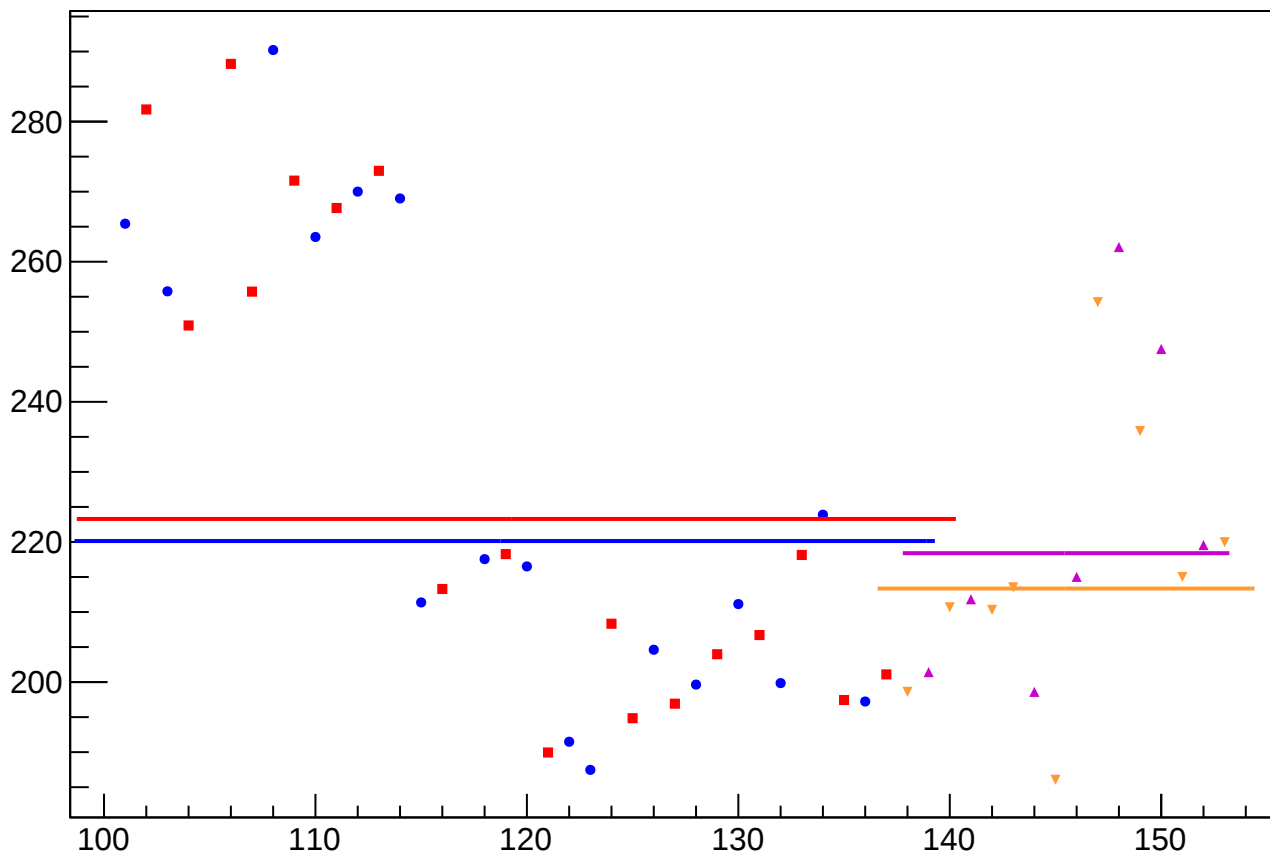
Right: 130.137 ± 60.395 χ^2/NDF : 26.8/34

In: -35.965 ± 62.361 χ^2/NDF : 30.7/23

Out: -45.071 ± 59.375 χ^2/NDF : 30.6/26

All: -40.741 ± 43.002 χ^2/NDF : 61.3/50

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 213.355+/-0.059 χ^2/NDF : 98151.7/8

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 218.402+/-0.064 χ^2/NDF : 99412.6/6

Left: 215.641+/-0.043 χ^2/NDF : 200929.9/15

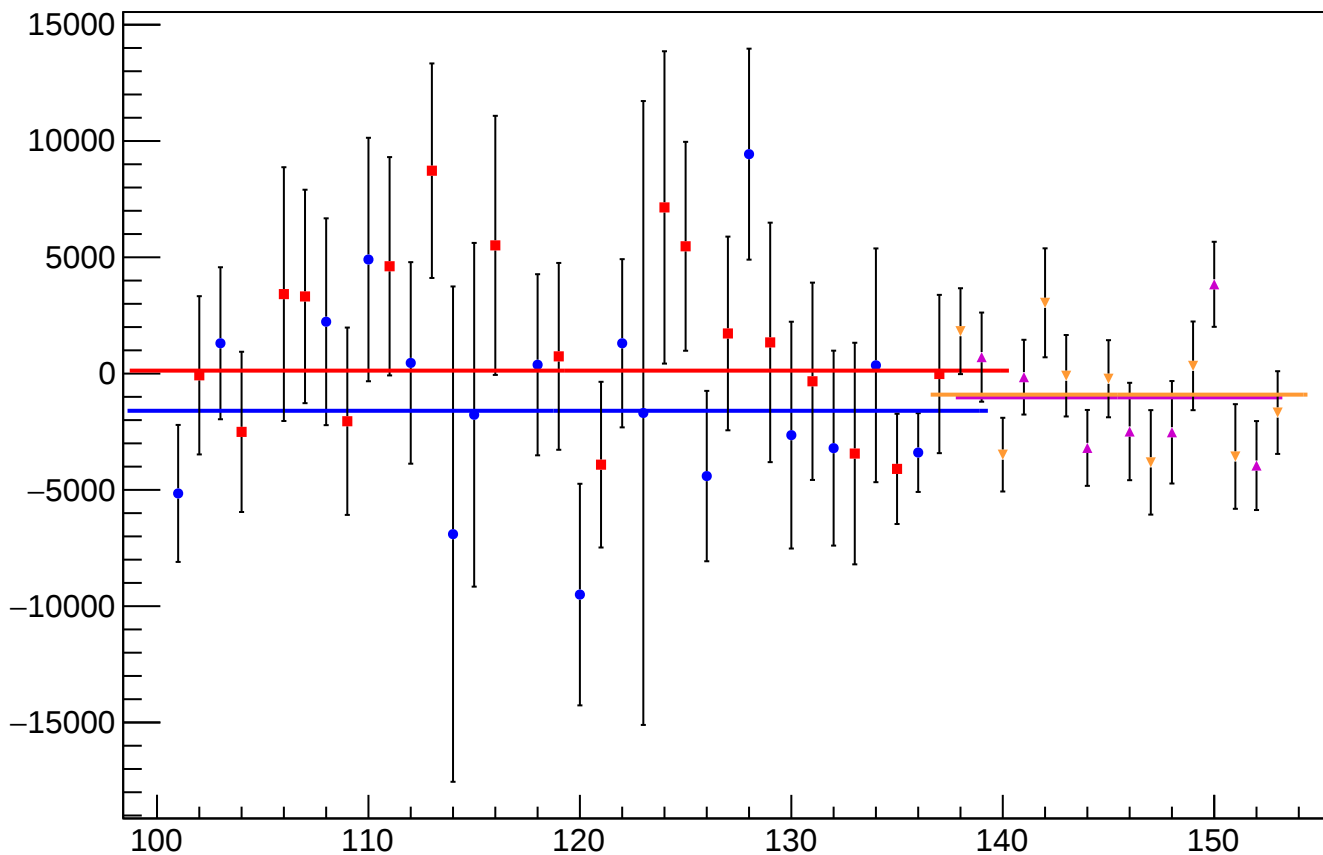
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 219.320+/-0.044 χ^2/NDF : 328240.2/23

Out: 218.180+/-0.042 χ^2/NDF : 384386.2/26

All: 218.722+/-0.030 χ^2/NDF : 712977.1/50

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: -904.773 $\pm$ 626.130 χ^2 /NDF:11.7/8

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -1022.197 $\pm$ 699.826 χ^2 /NDF:13.3/6

Left: -956.979 $\pm$ 466.628 χ^2 /NDF: 25.0/15

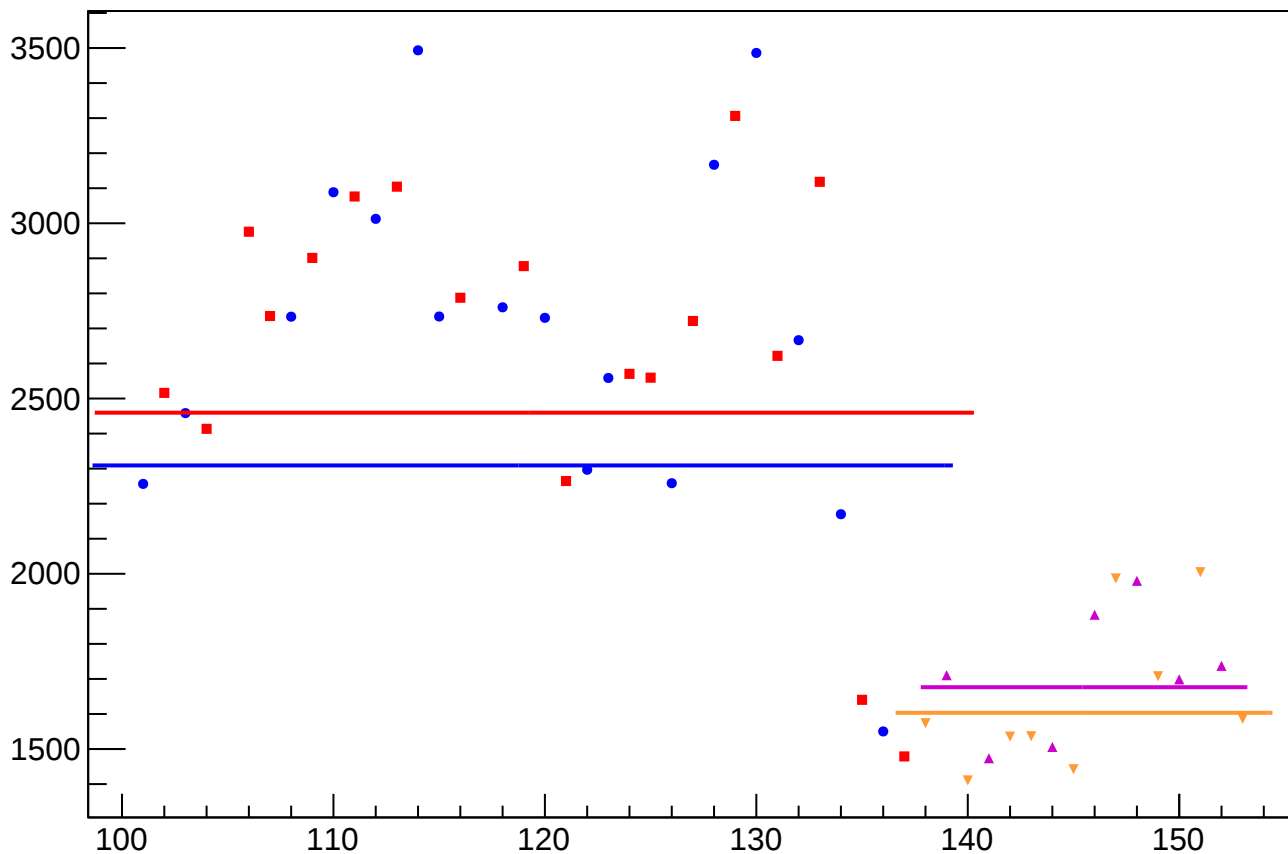
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -1233.332 $\pm$ 557.223 χ^2 /NDF:30.1/23

Out: -591.664 $\pm$ 522.643 χ^2 /NDF:27.4/26

All: -891.971 $\pm$ 381.204 χ^2 /NDF: 58.2/50

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1603.437+/-0.443 χ^2/NDF : 181602.4/8

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1676.391+/-0.495 χ^2/NDF : 114074.7/6

Left: 1635.872+/-0.330 χ^2/NDF : 307748.7/15

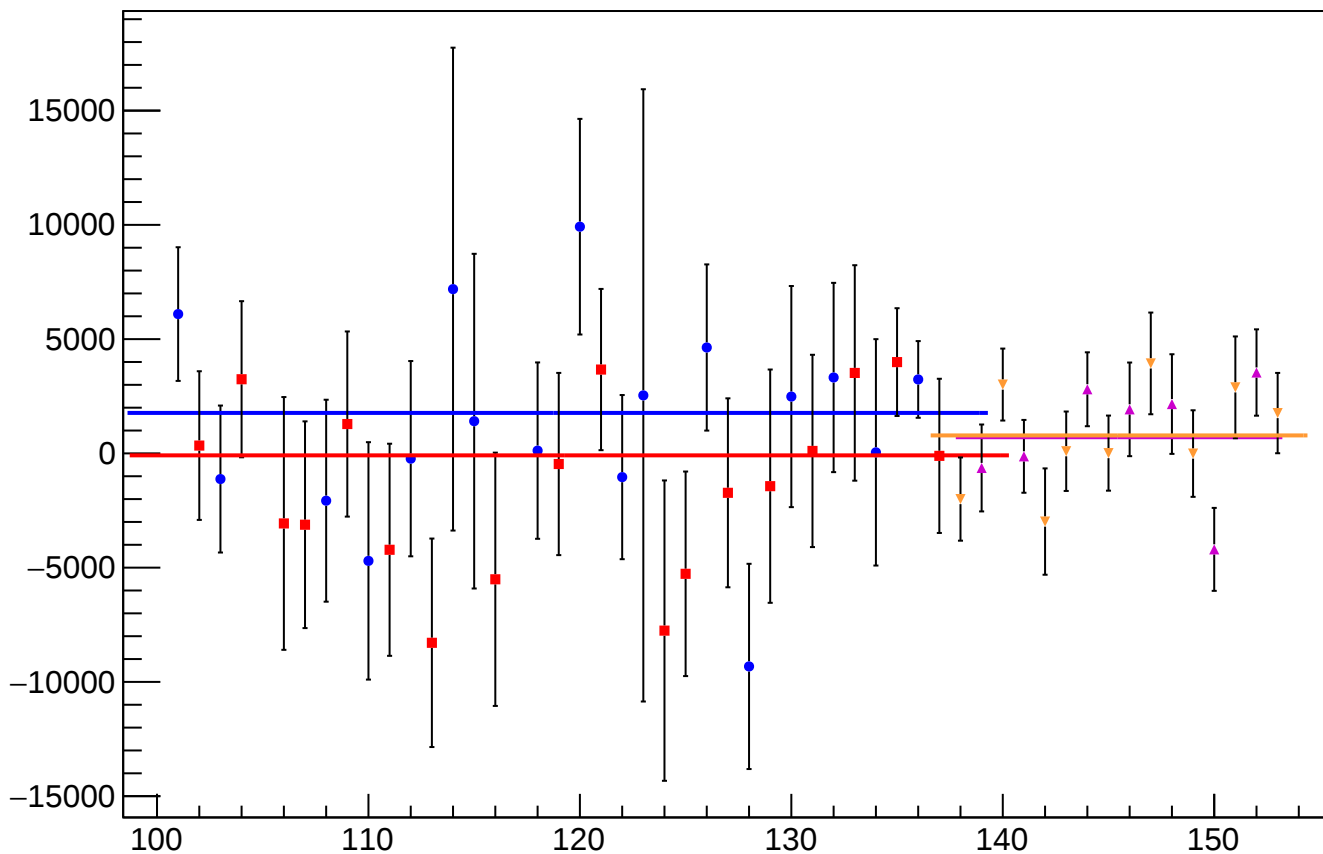
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1907.984+/-0.394 χ^2/NDF : 1513215.2/23

Out: 1863.064+/-0.370 χ^2/NDF : 1983770.1/26

All: 1884.087+/-0.270 χ^2/NDF : 3503899.8/50

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 786.526+/-620.533 χ^2/NDF : 10.7/8

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 707.665+/-692.539 χ^2/NDF : 12.8/6

Left: 751.407+/-462.151 χ^2/NDF : 23.5/15

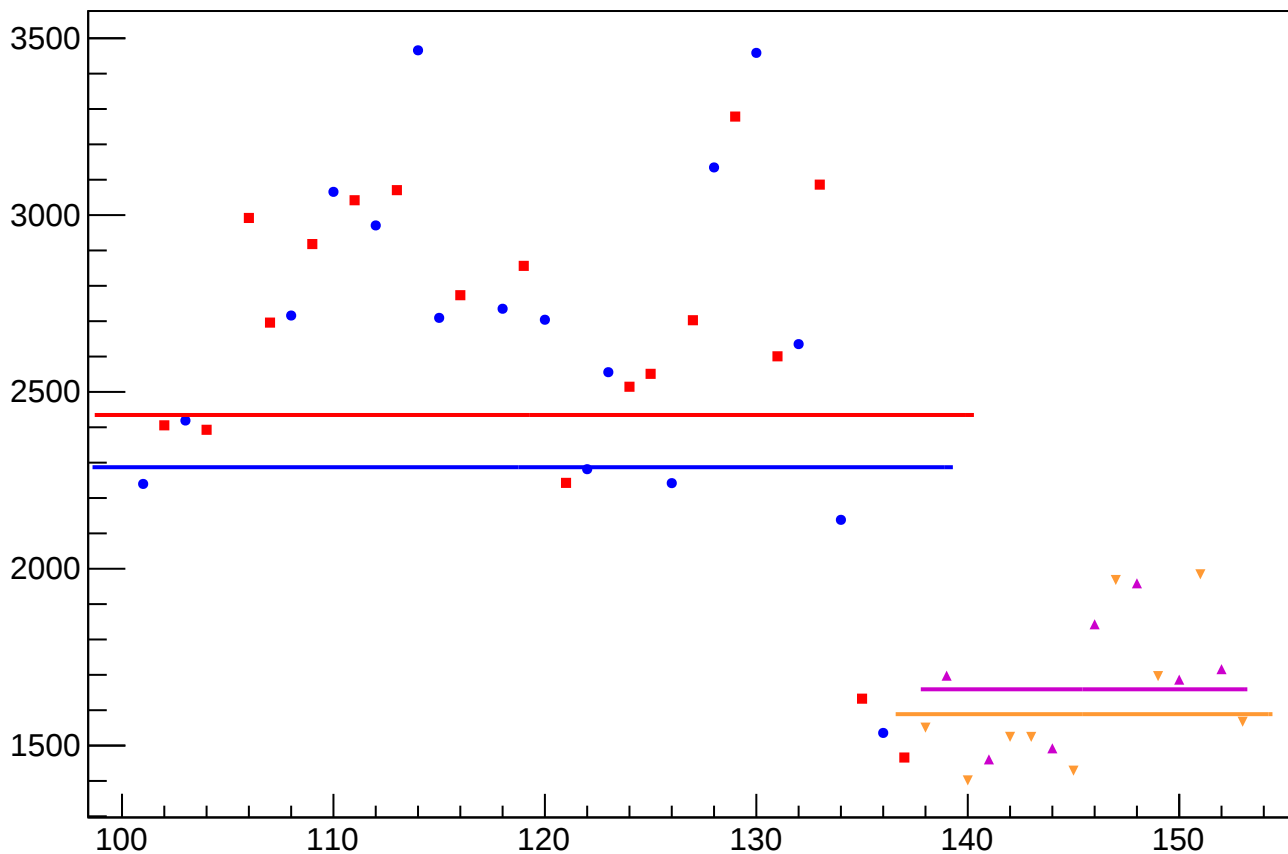
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 1096.490+/-551.615 χ^2/NDF : 31.0/23

Out: 521.617+/-517.844 χ^2/NDF : 25.8/26

All: 790.919+/-377.546 χ^2/NDF : 57.4/50

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1588.833 $\pm$ 0.439 χ^2 /NDF: 180236.0/8

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1659.099 $\pm$ 0.490 χ^2 /NDF: 109225.3/6

Left: 1620.125 $\pm$ 0.327 χ^2 /NDF: 300881.3/15

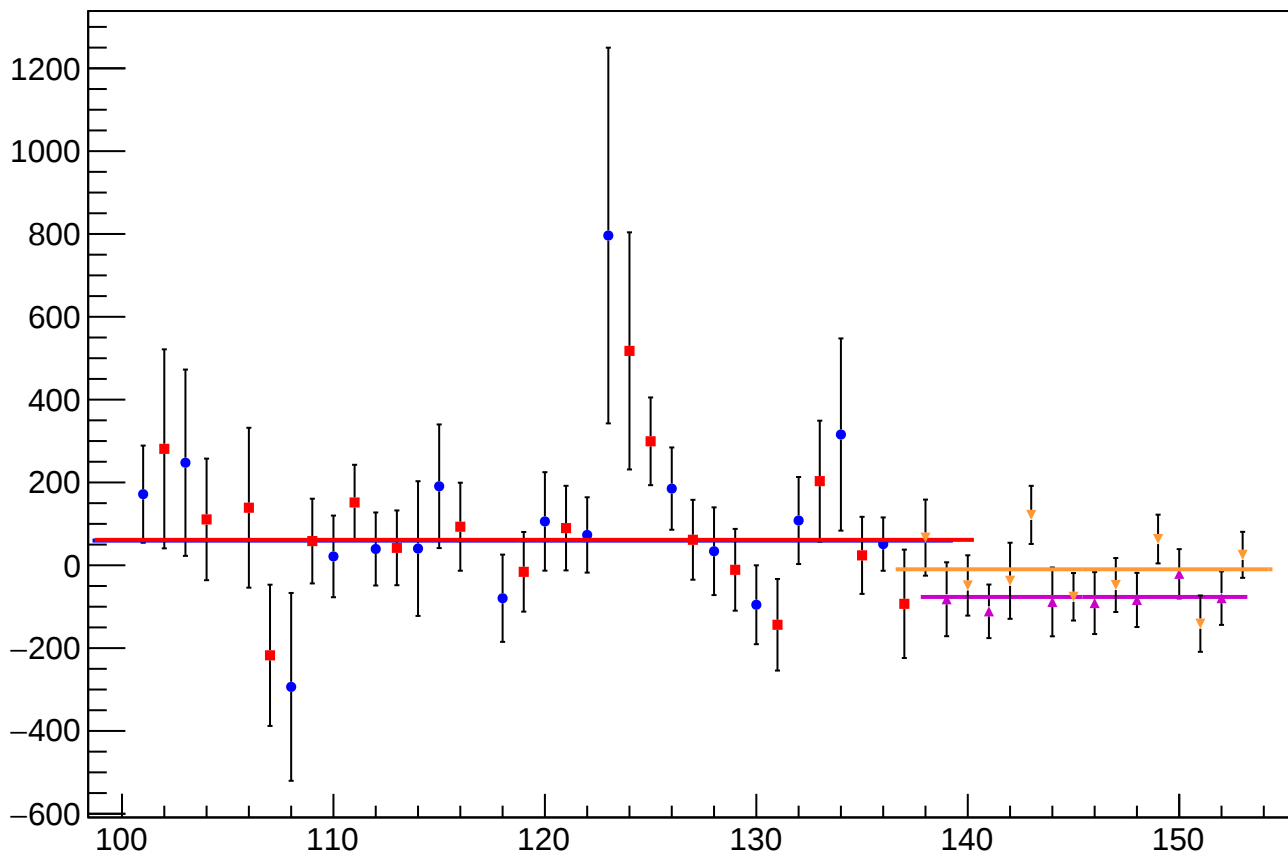
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1888.678 $\pm$ 0.390 χ^2 /NDF: 1509846.0/23

Out: 1845.651 $\pm$ 0.366 χ^2 /NDF: 1975596.2/26

All: 1865.807 $\pm$ 0.267 χ^2 /NDF: 3491910.4/50

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 59.656 $\pm$ 27.080 χ^2 /NDF: 15.3/16

Left Out: -9.707 $\pm$ 22.376 χ^2 /NDF:11.9/8

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -76.445 $\pm$ 26.323 χ^2 /NDF:1.2/6

Left: -37.702 $\pm$ 17.048 χ^2 /NDF: 16.9/15

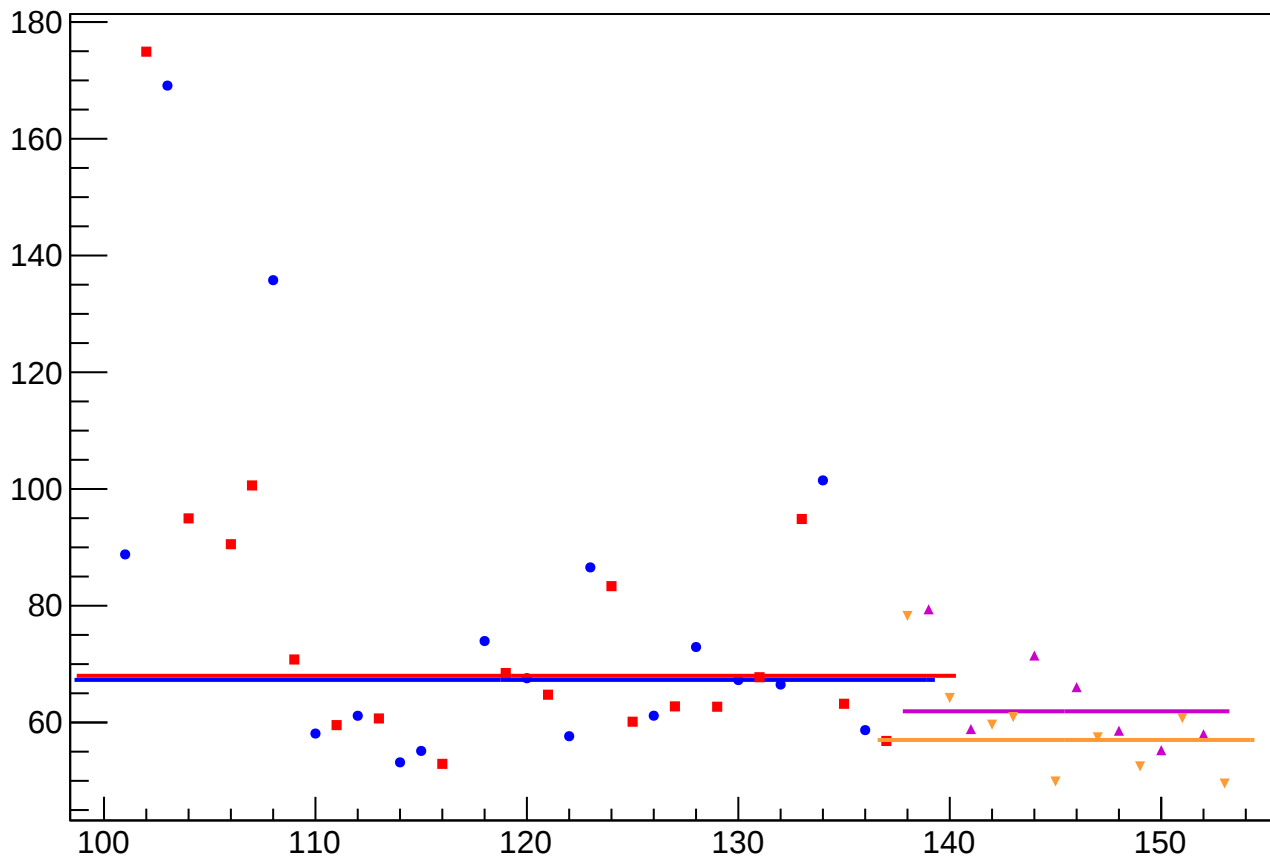
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -10.322 $\pm$ 18.875 χ^2 /NDF:29.6/23

Out: 19.231 $\pm$ 17.231 χ^2 /NDF:35.7/26

All: 5.797 $\pm$ 12.726 χ^2 /NDF: 66.6/50

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: 57.006 $\pm$ 0.016 χ^2 /NDF: 219374.2/8

Right Out: 67.998 $\pm$ 0.019 χ^2 /NDF: 754329.7/17

Left In: 61.916 $\pm$ 0.019 χ^2 /NDF: 151249.4/6

Left: 59.066 $\pm$ 0.012 χ^2 /NDF: 411017.5/15

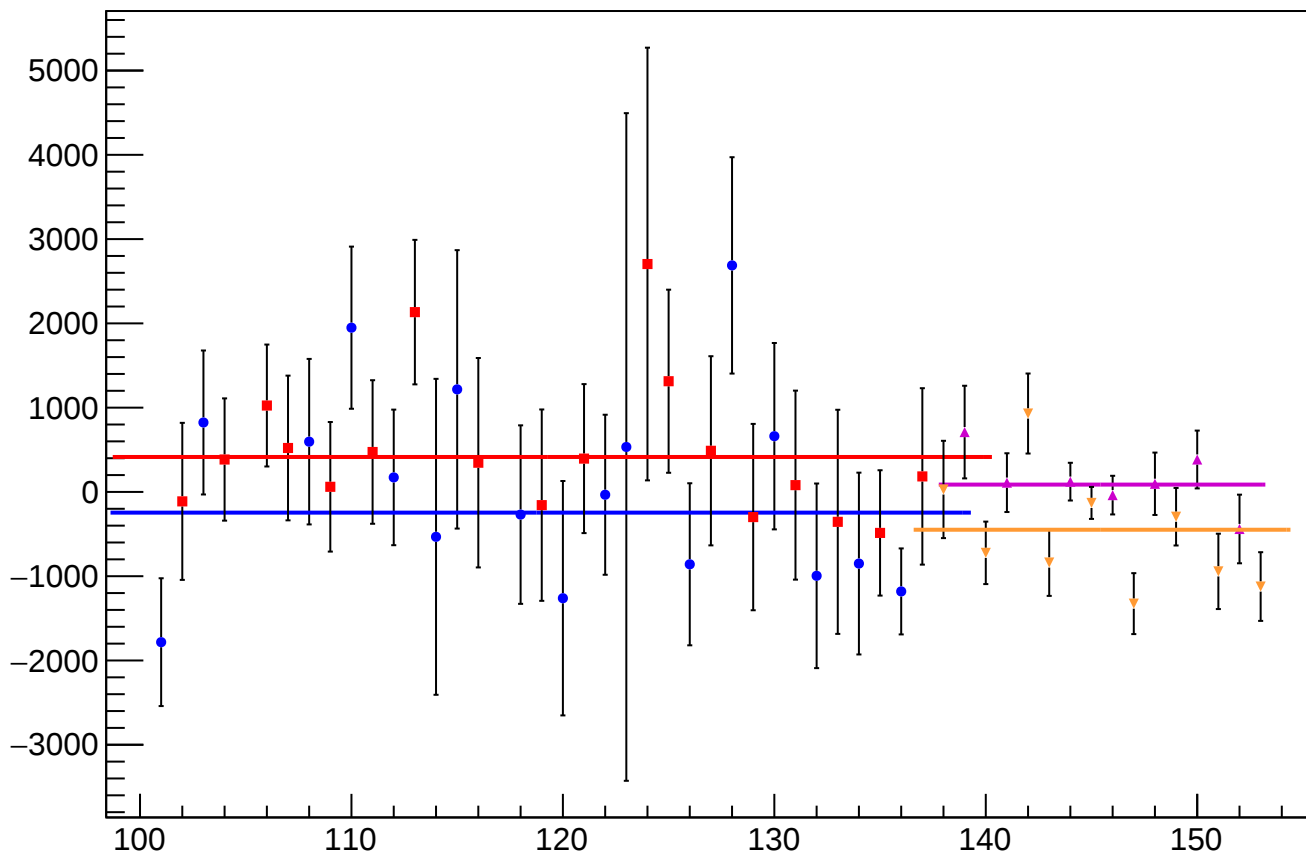
Right: 67.648 $\pm$ 0.014 χ^2 /NDF: 1596354.2/34

In: 64.530 $\pm$ 0.013 χ^2 /NDF: 1033207.2/23

Out: 61.480 $\pm$ 0.012 χ^2 /NDF: 1170132.3/26

All: 62.866 $\pm$ 0.009 χ^2 /NDF: 2231835.6/50

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631+/-235.404 χ^2/NDF : 23.8/16

Left Out: -448.672+/-114.611 χ^2/NDF : 23.5/8

Right Out: 414.725+/-222.788 χ^2/NDF : 9.4/17

Left In: 87.065+/-117.576 χ^2/NDF : 4.0/6

Left: -187.644+/-82.070 χ^2/NDF : 38.2/15

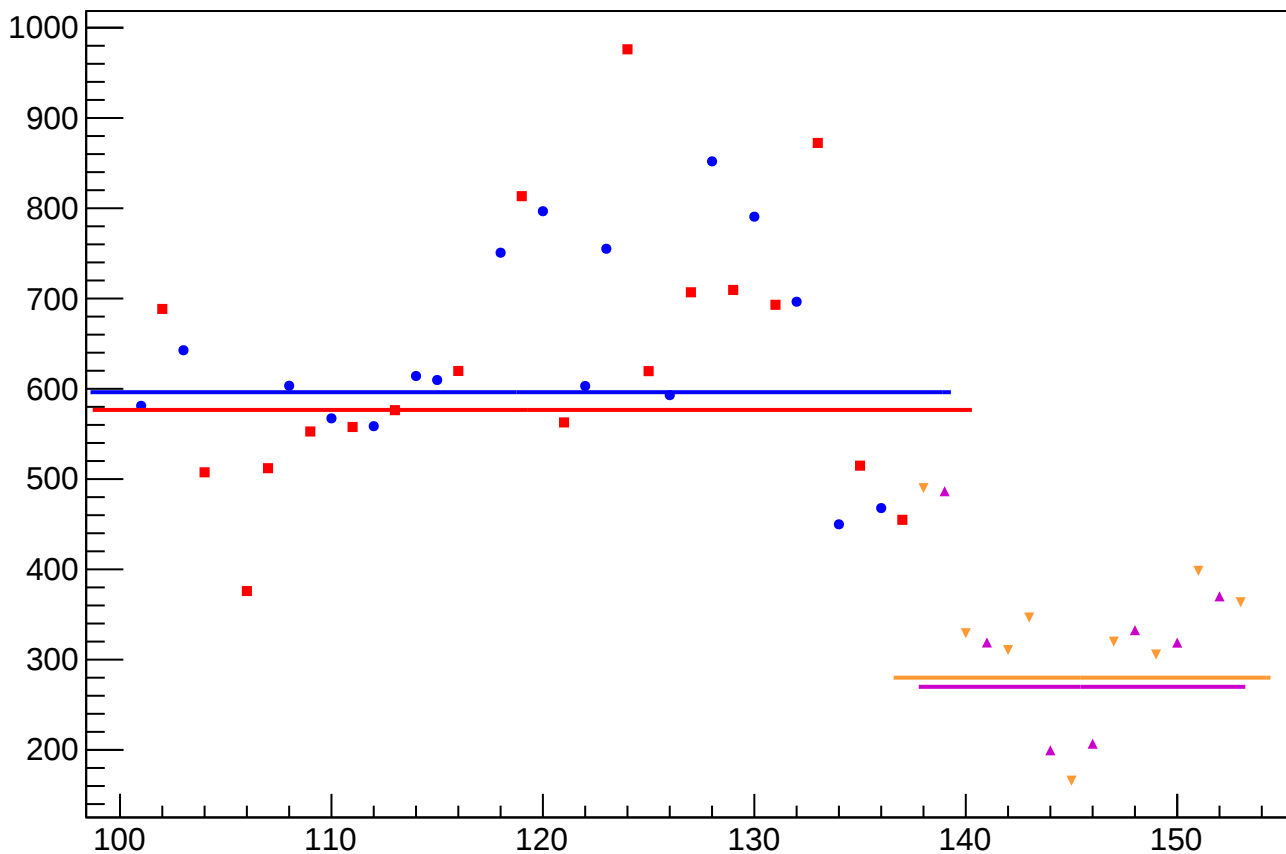
Right: 102.716+/-161.811 χ^2/NDF : 37.3/34

In: 20.640+/-105.186 χ^2/NDF : 29.4/23

Out: -267.993+/-101.916 χ^2/NDF : 44.8/26

All: -128.233+/-73.194 χ^2/NDF : 78.0/50

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: 280.027 $\pm$ 0.081 χ^2 /NDF:1347612.7/8

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 269.879 $\pm$ 0.083 χ^2 /NDF:918178.9/6

Left: 275.083 $\pm$ 0.058 χ^2 /NDF: 2273431.2/15

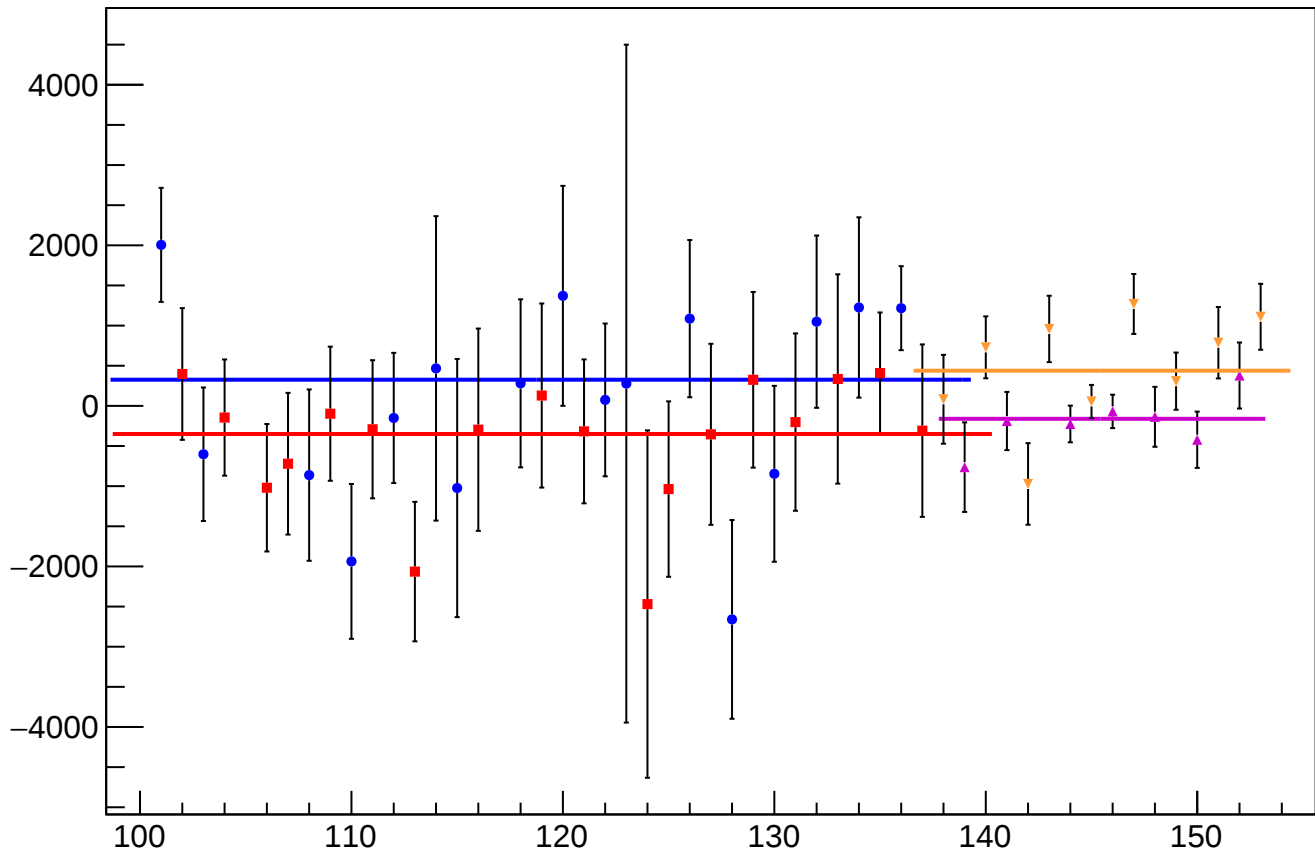
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 335.041 $\pm$ 0.074 χ^2 /NDF:4417059.1/23

Out: 342.093 $\pm$ 0.072 χ^2 /NDF:4723997.6/26

All: 338.678 $\pm$ 0.052 χ^2 /NDF: 9145693.3/50

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 ± 235.599 $\chi^2/\text{NDF}: 26.9/16$

Left Out: 438.218 ± 120.046 $\chi^2/\text{NDF}: 22.1/8$

Right Out: -350.392 ± 225.254 $\chi^2/\text{NDF}: 9.0/17$

Left In: -161.142 ± 116.036 $\chi^2/\text{NDF}: 3.7/6$

Left: 128.358 ± 83.431 $\chi^2/\text{NDF}: 38.7/15$

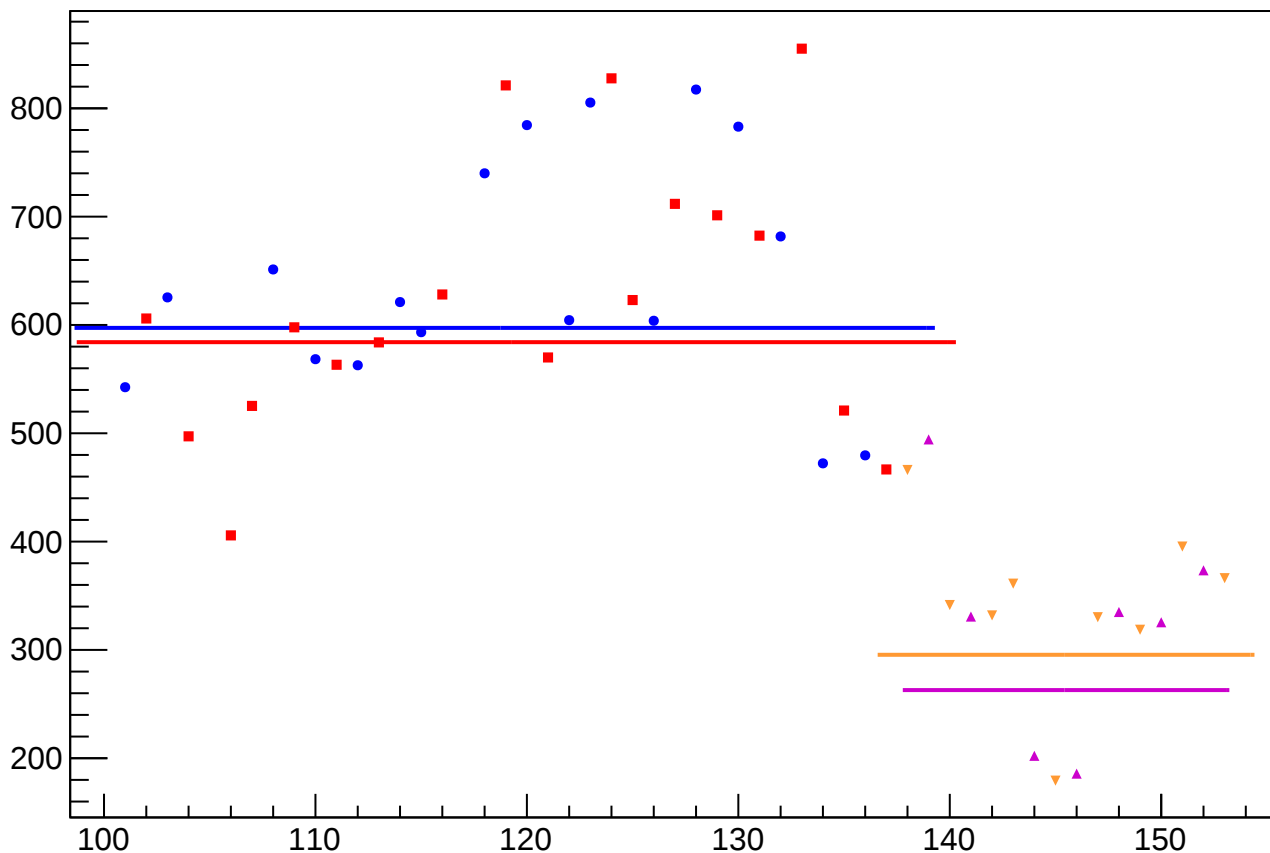
Right: -27.335 ± 162.813 $\chi^2/\text{NDF}: 40.2/34$

In: -66.029 ± 104.095 $\chi^2/\text{NDF}: 34.0/23$

Out: 263.780 ± 105.941 $\chi^2/\text{NDF}: 40.7/26$

All: 95.977 ± 74.250 $\chi^2/\text{NDF}: 79.6/50$

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 295.494 $\pm$ 0.085 χ^2/NDF :1103346.1/8

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 262.911 $\pm$ 0.082 χ^2/NDF :1112901.5/6

Left: 278.649 $\pm$ 0.059 χ^2/NDF : 2292417.0/15

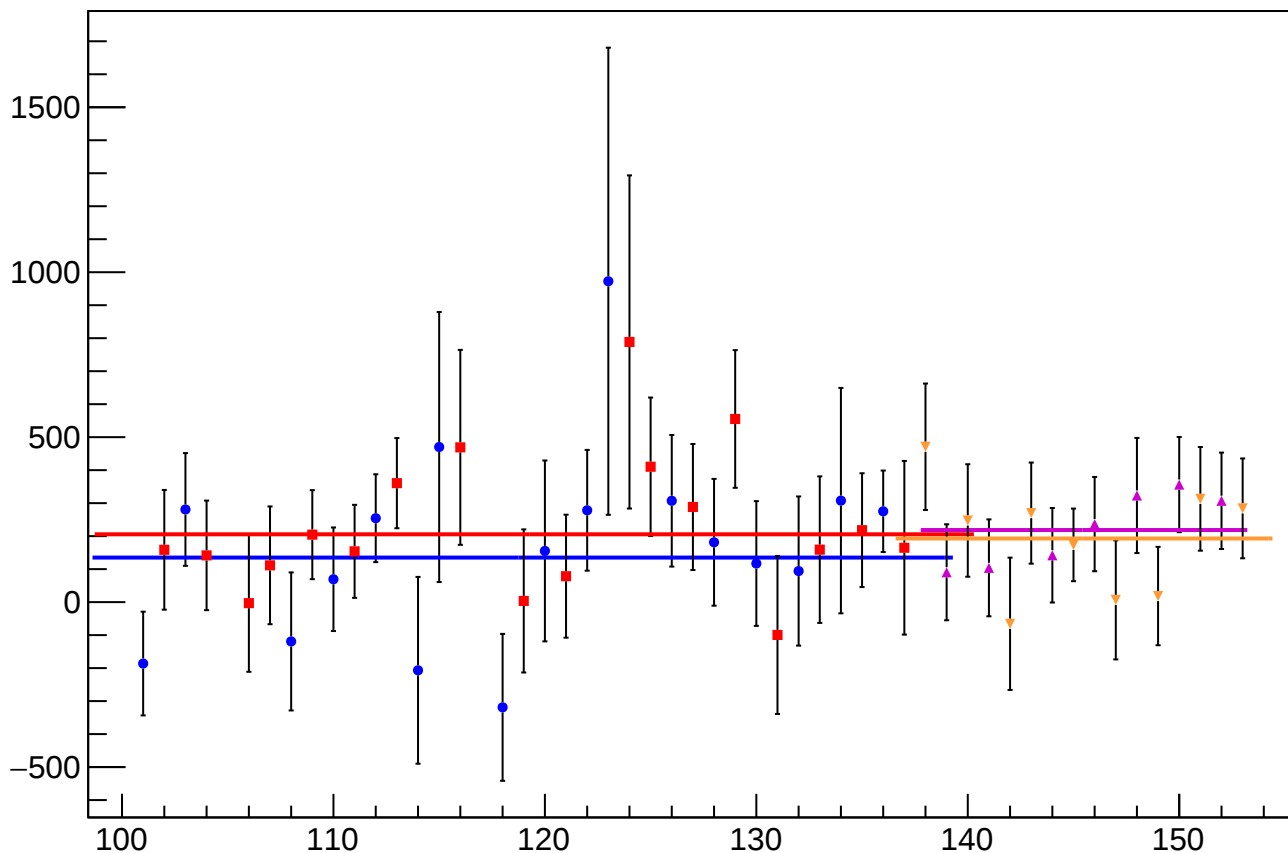
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 328.188 $\pm$ 0.074 χ^2/NDF :4718915.9/23

Out: 359.335 $\pm$ 0.075 χ^2/NDF :4107399.7/26

All: 343.488 $\pm$ 0.053 χ^2/NDF : 8914272.0/50

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: 192.840 $\pm$ 51.881 χ^2 /NDF:7.5/8

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 218.509 $\pm$ 55.983 χ^2 /NDF:3.3/6

Left: 204.700 $\pm$ 38.053 χ^2 /NDF: 11.0/15

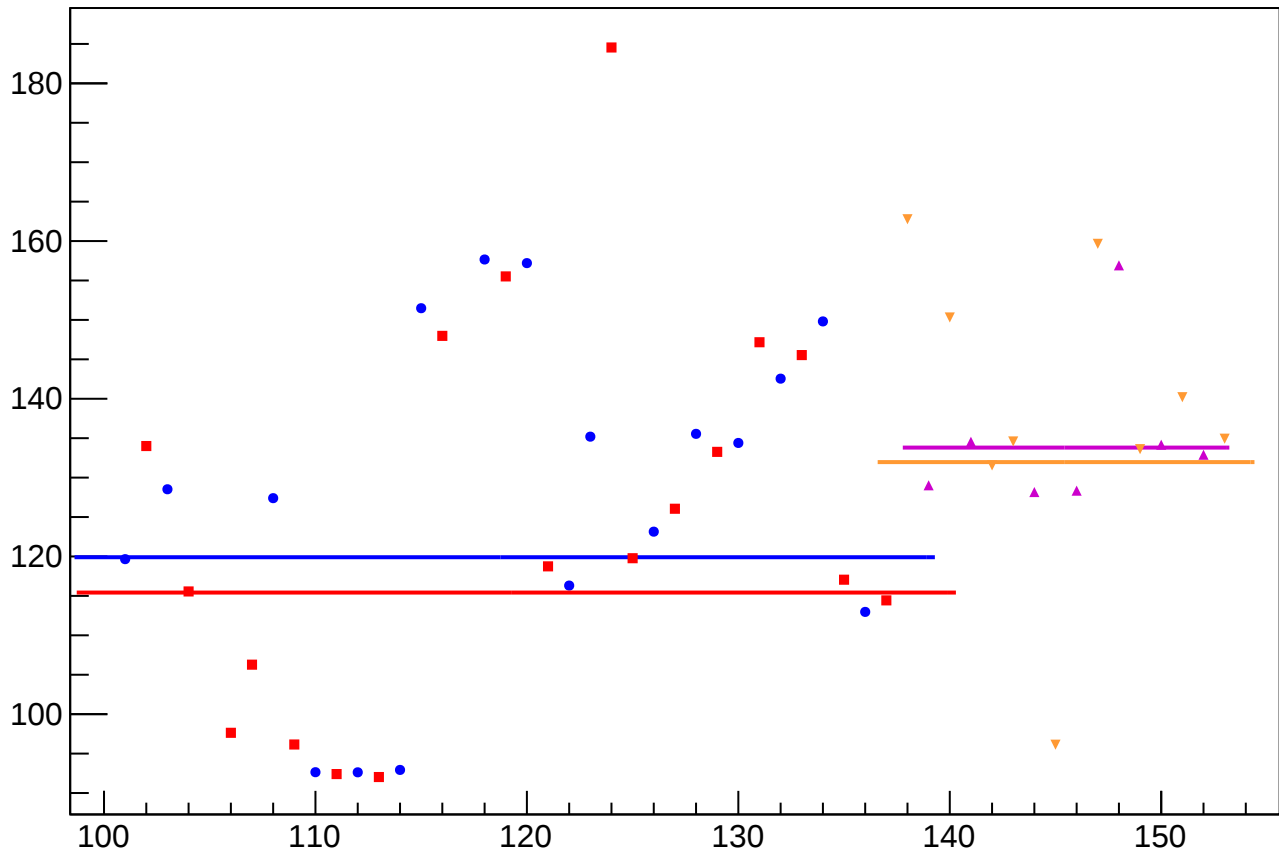
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 169.563 $\pm$ 36.007 χ^2 /NDF:22.7/23

Out: 200.181 $\pm$ 33.793 χ^2 /NDF:19.6/26

All: 185.843 $\pm$ 24.641 χ^2 /NDF: 42.7/50

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: 131.968 $\pm$ 0.037 χ^2 /NDF:341047.4/8

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 133.807 $\pm$ 0.040 χ^2 /NDF:43402.0/6

Left: 132.817 $\pm$ 0.027 χ^2 /NDF: 385611.3/15

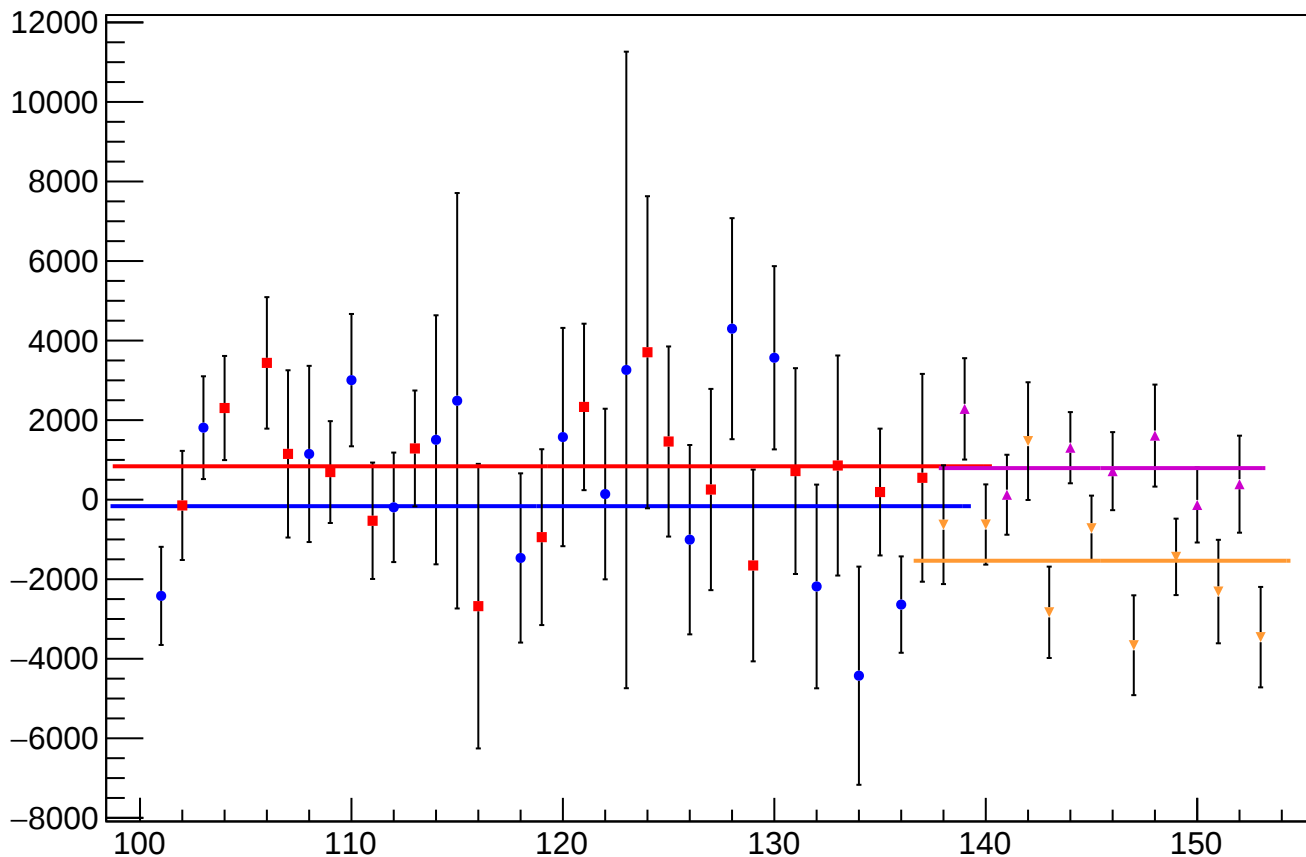
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 125.655 $\pm$ 0.025 χ^2 /NDF:461241.9/23

Out: 122.442 $\pm$ 0.024 χ^2 /NDF:876258.1/26

All: 123.947 $\pm$ 0.017 χ^2 /NDF: 1345970.2/50

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: -1535.585 $\pm$ 376.187 χ^2 /NDF:13.1/8

Right Out: 839.187 $\pm$ 440.476 χ^2 /NDF: 9.3/17

Left In: 793.676 $\pm$ 398.593 χ^2 /NDF:3.6/6

Left: -438.259 $\pm$ 273.583 χ^2 /NDF: 34.8/15

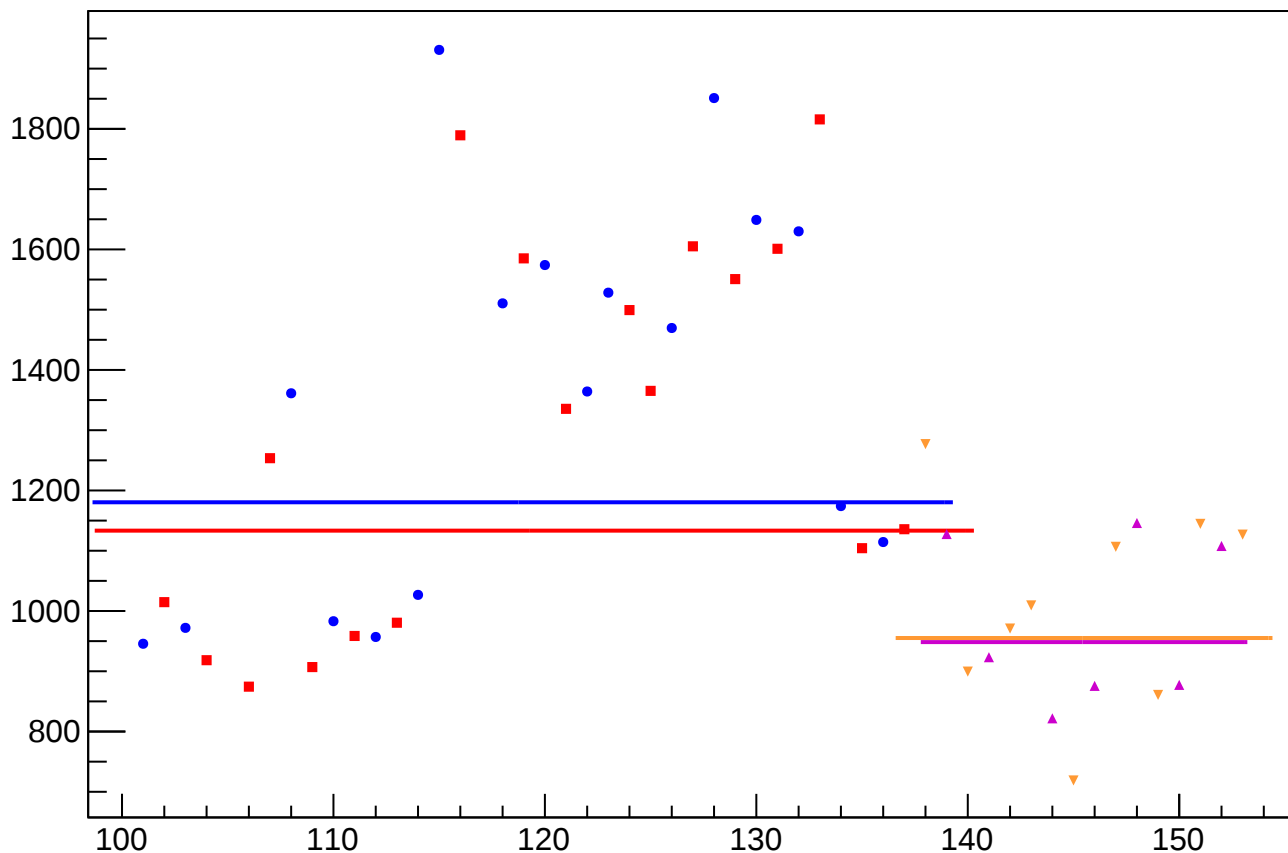
Right: 369.872 $\pm$ 321.264 χ^2 /NDF: 35.4/34

In: 392.828 $\pm$ 303.883 χ^2 /NDF:29.7/23

Out: -533.992 $\pm$ 286.060 χ^2 /NDF:39.2/26

All: -98.557 $\pm$ 208.291 χ^2 /NDF: 73.9/50

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 955.184 $\pm$ 0.266 χ^2/NDF : 397227.6/8

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 948.399 $\pm$ 0.282 χ^2/NDF : 184733.8/6

Left: 951.988 $\pm$ 0.193 χ^2/NDF : 582268.0/15

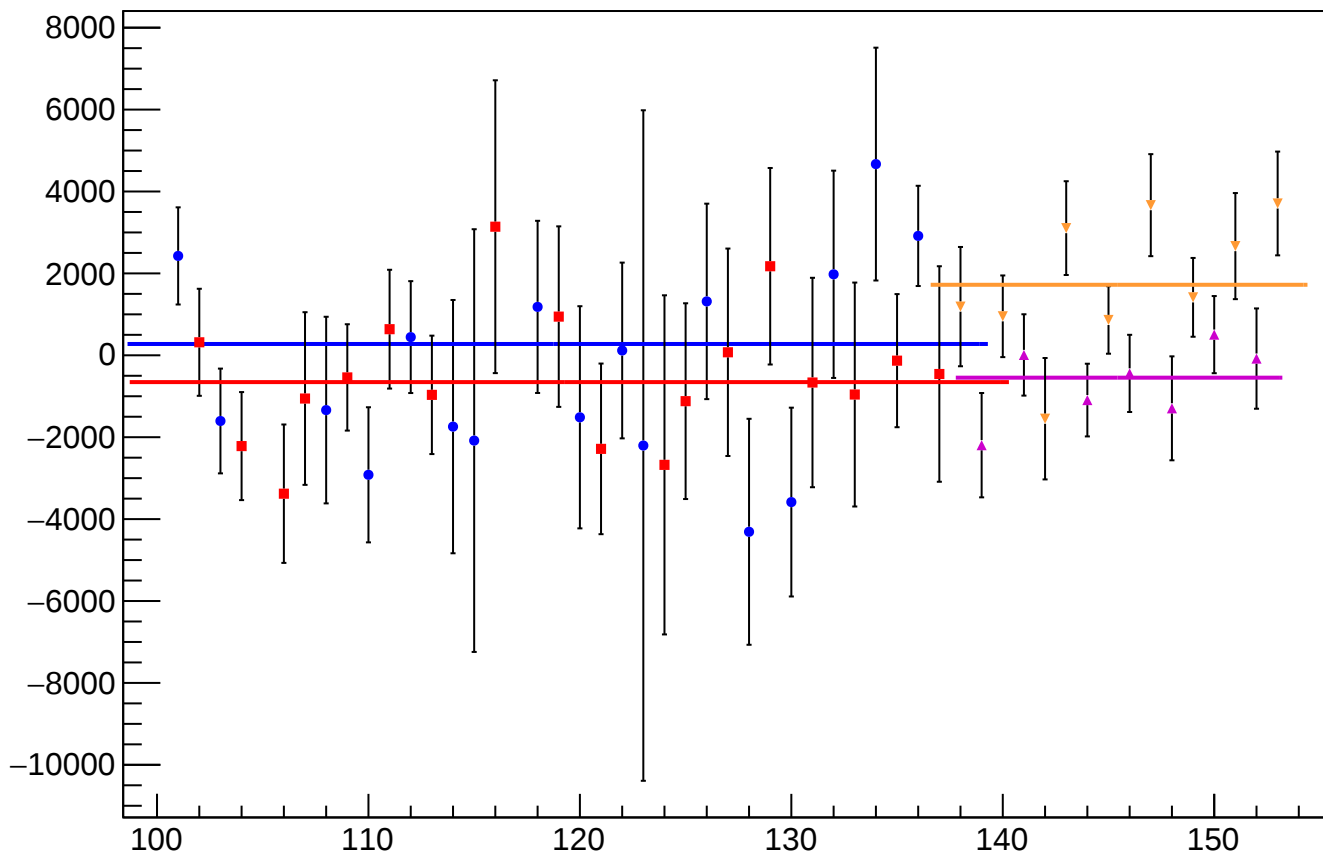
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1045.554 $\pm$ 0.215 χ^2/NDF : 1137327.2/23

Out: 1030.327 $\pm$ 0.202 χ^2/NDF : 1346824.6/26

All: 1037.481 $\pm$ 0.147 χ^2/NDF : 2486814.3/50

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1722.047 $\pm$ 375.032 χ^2 /NDF:13.7/8

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -546.226 $\pm$ 394.071 χ^2 /NDF:4.1/6

Left: 644.027 $\pm$ 271.669 χ^2 /NDF: 35.2/15

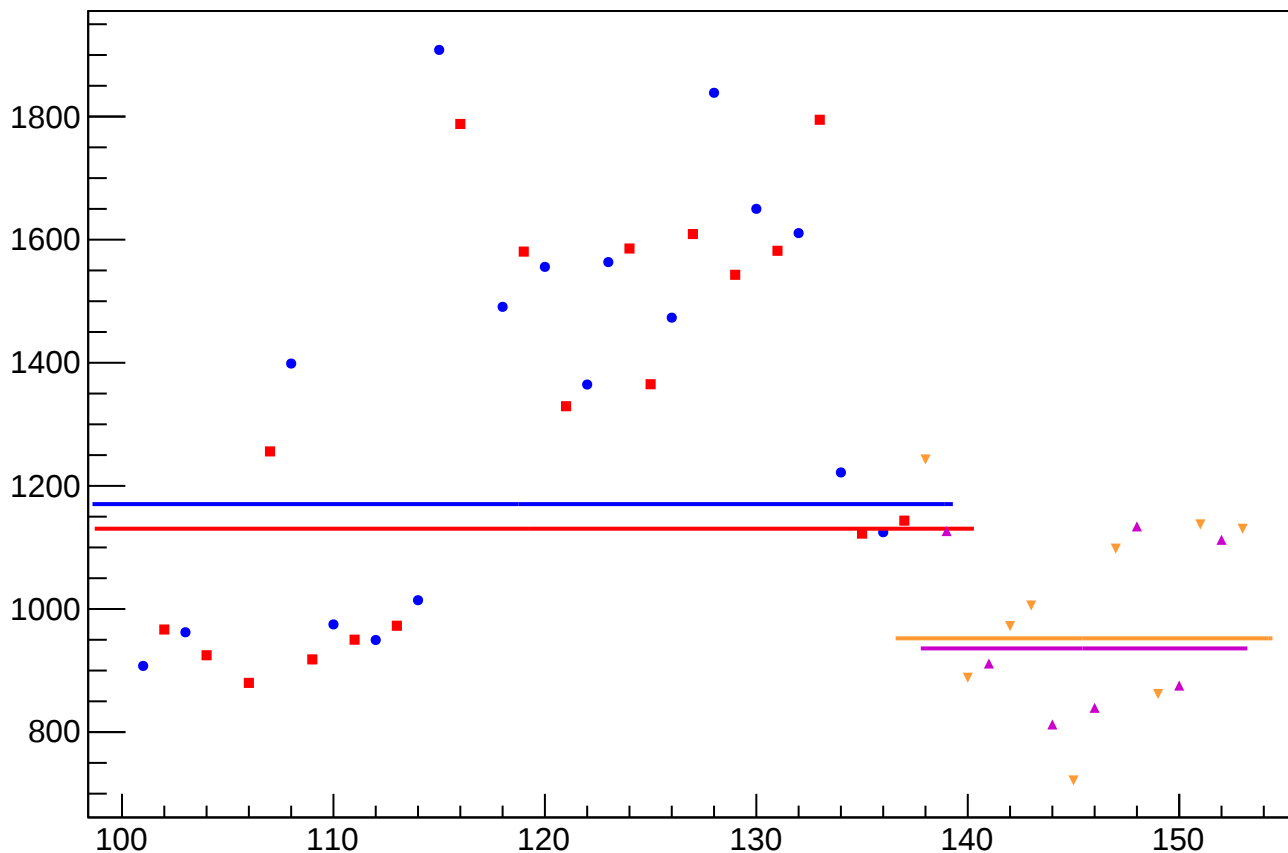
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -203.588 $\pm$ 301.018 χ^2 /NDF:30.2/23

Out: 721.594 $\pm$ 285.373 χ^2 /NDF:40.1/26

All: 283.669 $\pm$ 207.099 χ^2 /NDF: 75.4/50

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2/NDF : 705486.8/16

Left Out: 952.331 $\pm$ 0.265 χ^2/NDF : 374683.6/8

Right Out: 1130.456 $\pm$ 0.311 χ^2/NDF : 763027.2/17

Left In: 935.951 $\pm$ 0.279 χ^2/NDF : 204267.9/6

Left: 944.547 $\pm$ 0.192 χ^2/NDF : 580764.7/15

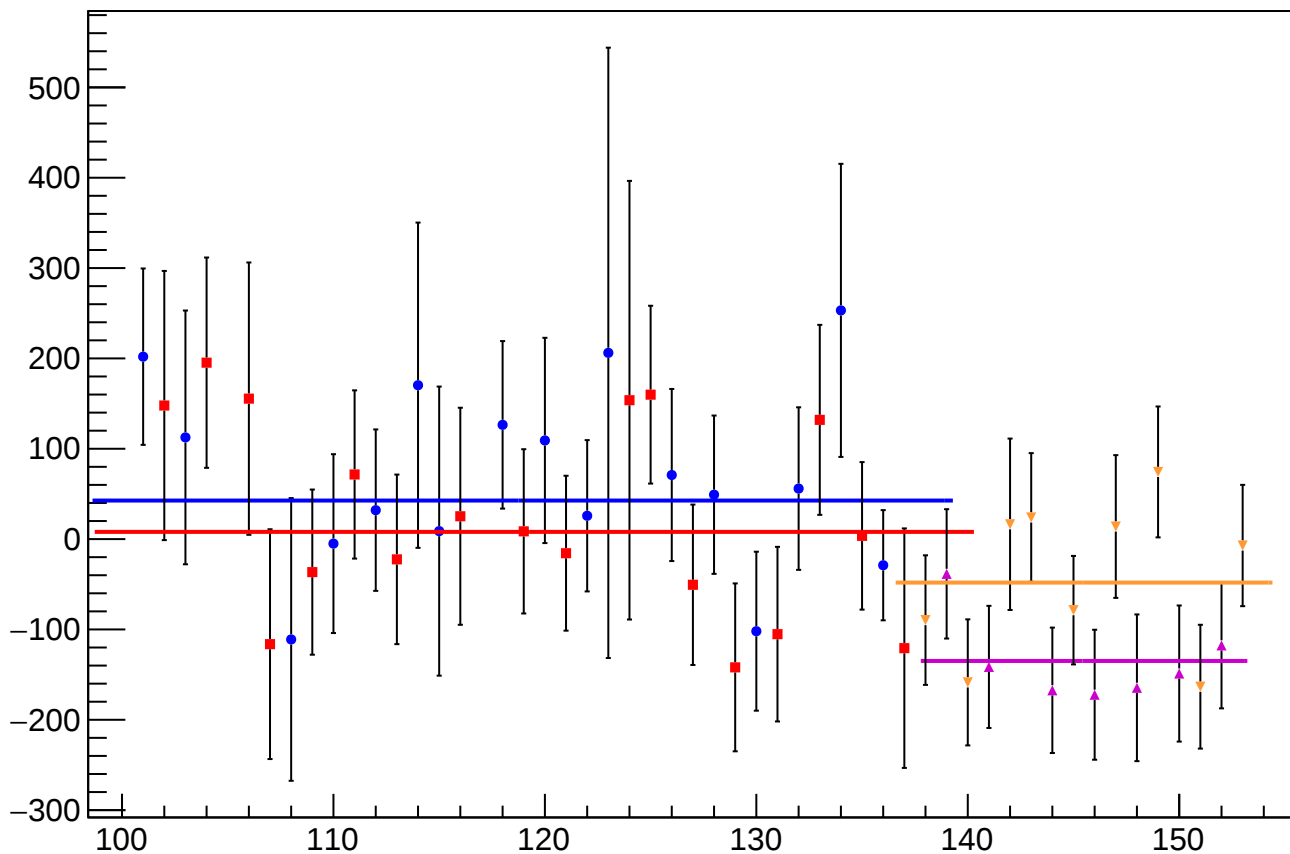
Right: 1149.259 $\pm$ 0.226 χ^2/NDF : 1476279.7/34

In: 1033.603 $\pm$ 0.213 χ^2/NDF : 1204613.7/23

Out: 1027.320 $\pm$ 0.202 χ^2/NDF : 1327648.6/26

All: 1030.294 $\pm$ 0.146 χ^2/NDF : 2532721.1/50

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: -48.133 ± 23.762 $\chi^2/\text{NDF}: 11.3/8$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -134.894 ± 27.231 $\chi^2/\text{NDF}: 2.5/6$

Left: -85.639 ± 17.904 $\chi^2/\text{NDF}: 19.6/15$

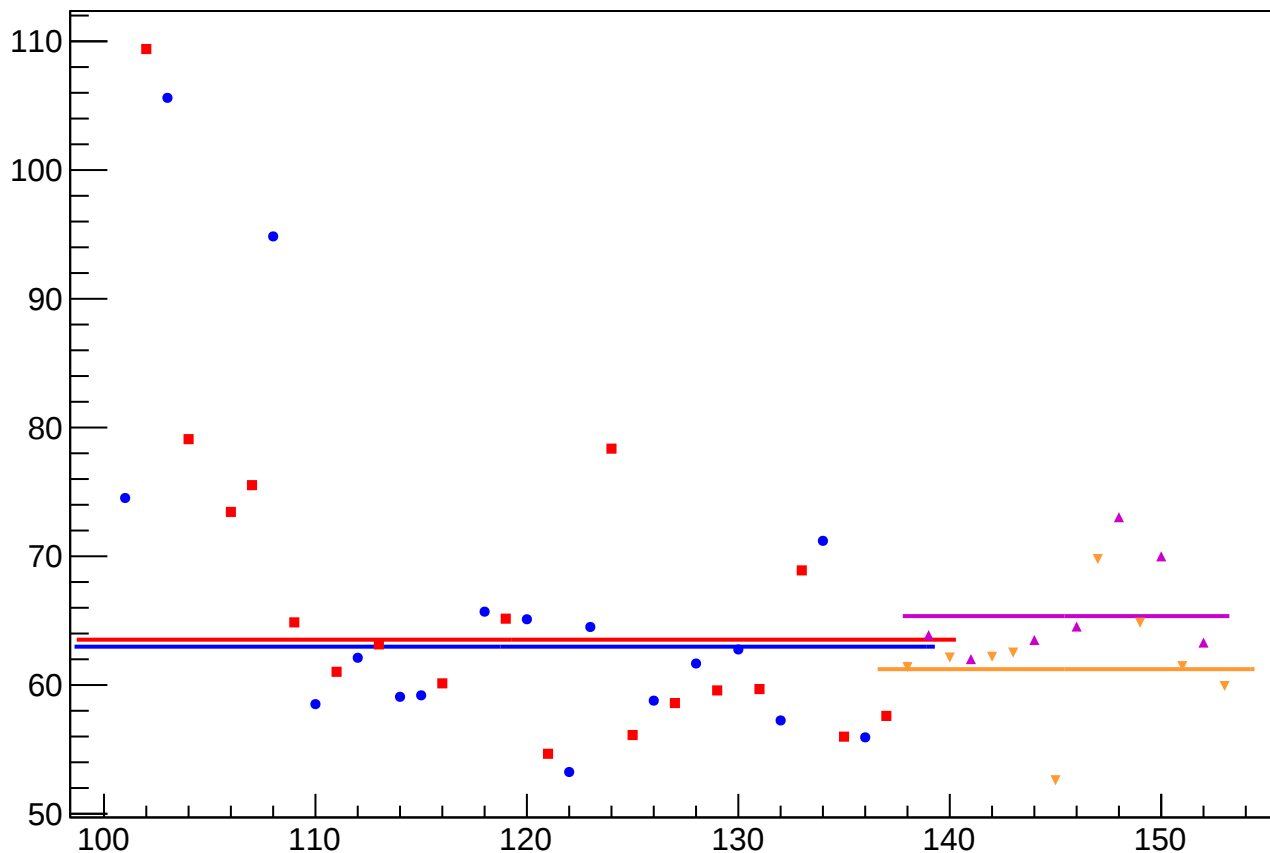
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -37.481 ± 18.295 $\chi^2/\text{NDF}: 37.9/23$

Out: -20.919 ± 17.055 $\chi^2/\text{NDF}: 29.7/26$

All: -28.619 ± 12.475 $\chi^2/\text{NDF}: 68.0/50$

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: 61.233 $\pm$ 0.017 χ^2 /NDF: 71658.8/8

Right Out: 63.522 $\pm$ 0.017 χ^2 /NDF: 335430.9/17

Left In: 65.354 $\pm$ 0.019 χ^2 /NDF: 34648.3/6

Left: 63.015 $\pm$ 0.013 χ^2 /NDF: 132315.1/15

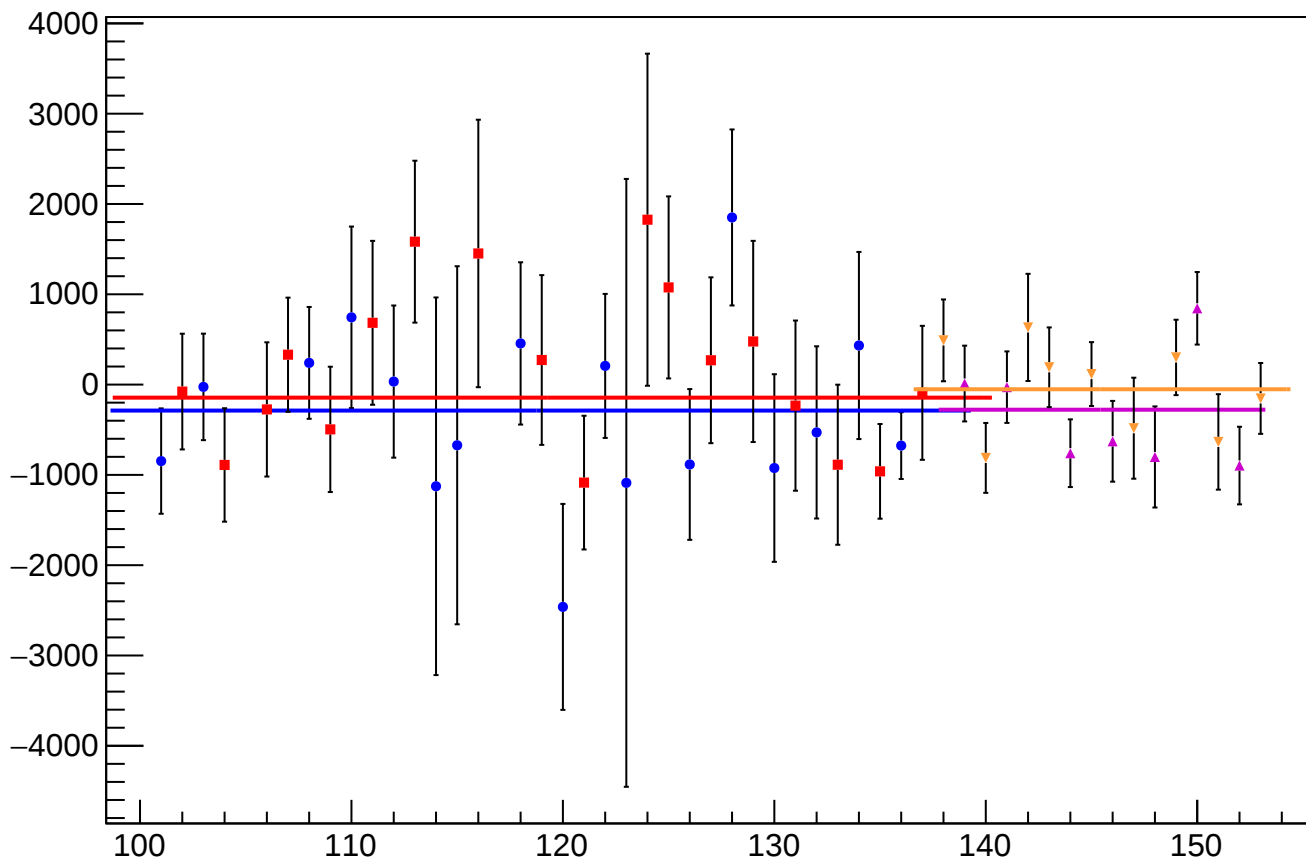
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 64.052 $\pm$ 0.013 χ^2 /NDF: 418252.5/23

Out: 62.343 $\pm$ 0.012 χ^2 /NDF: 416089.7/26

All: 63.138 $\pm$ 0.009 χ^2 /NDF: 843678.2/50

asym_sam_13_57_dd_correction_mean vs Slug, Sign Corrected



Right In: -287.682 ± 189.888 $\chi^2/\text{NDF}: 15.4/16$

Left Out: -51.668 ± 146.589 $\chi^2/\text{NDF}: 9.7/8$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -278.088 ± 160.178 $\chi^2/\text{NDF}: 13.9/6$

Left: -154.868 ± 108.140 $\chi^2/\text{NDF}: 24.7/15$

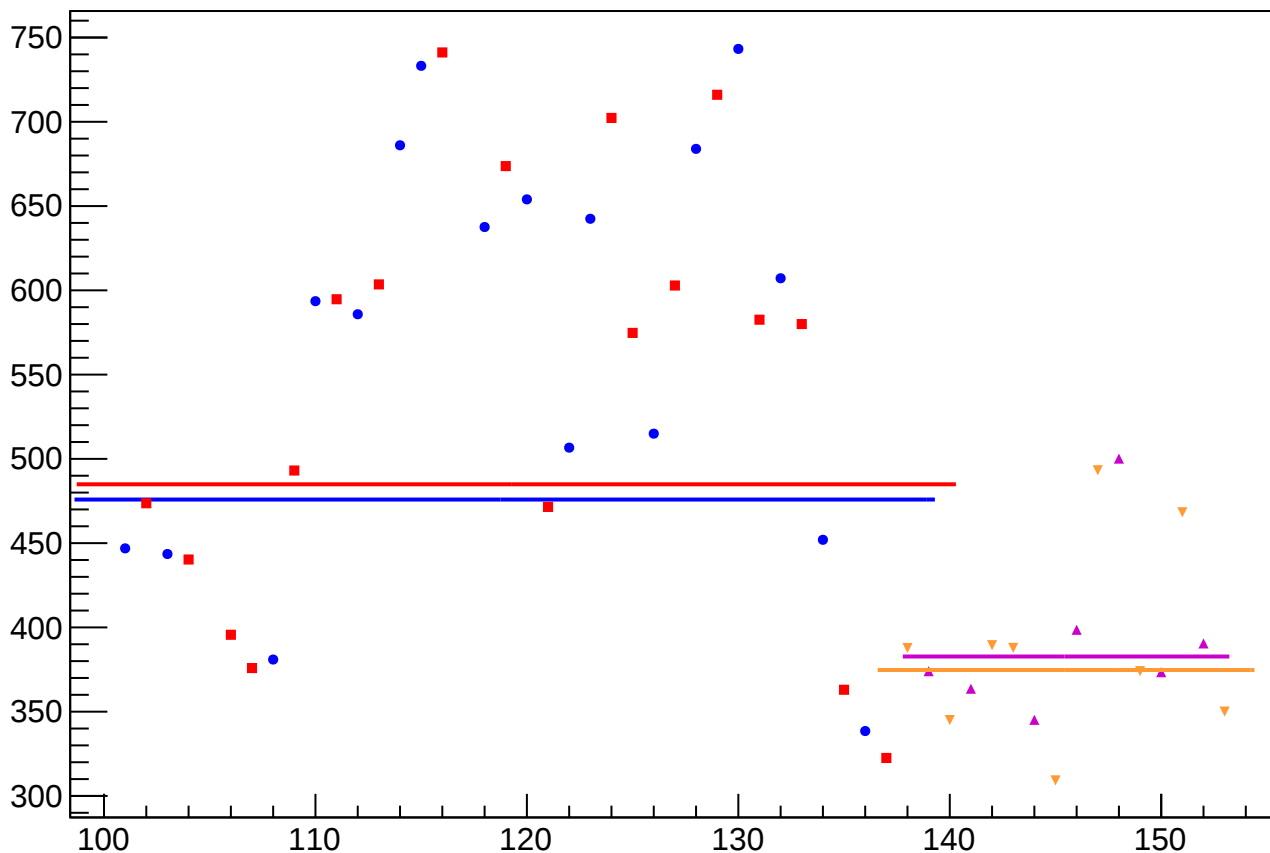
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -282.077 ± 122.435 $\chi^2/\text{NDF}: 29.3/23$

Out: -86.866 ± 115.549 $\chi^2/\text{NDF}: 26.0/26$

All: -178.828 ± 84.035 $\chi^2/\text{NDF}: 56.6/50$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2 /NDF: 837808.5/16

Left Out: 374.732 $\pm$ 0.104 χ^2 /NDF:245522.6/8

Right Out: 484.914 $\pm$ 0.133 χ^2 /NDF: 716315.8/17

Left In: 382.728 $\pm$ 0.113 χ^2 /NDF:117851.1/6

Left: 378.376 $\pm$ 0.076 χ^2 /NDF: 366086.6/15

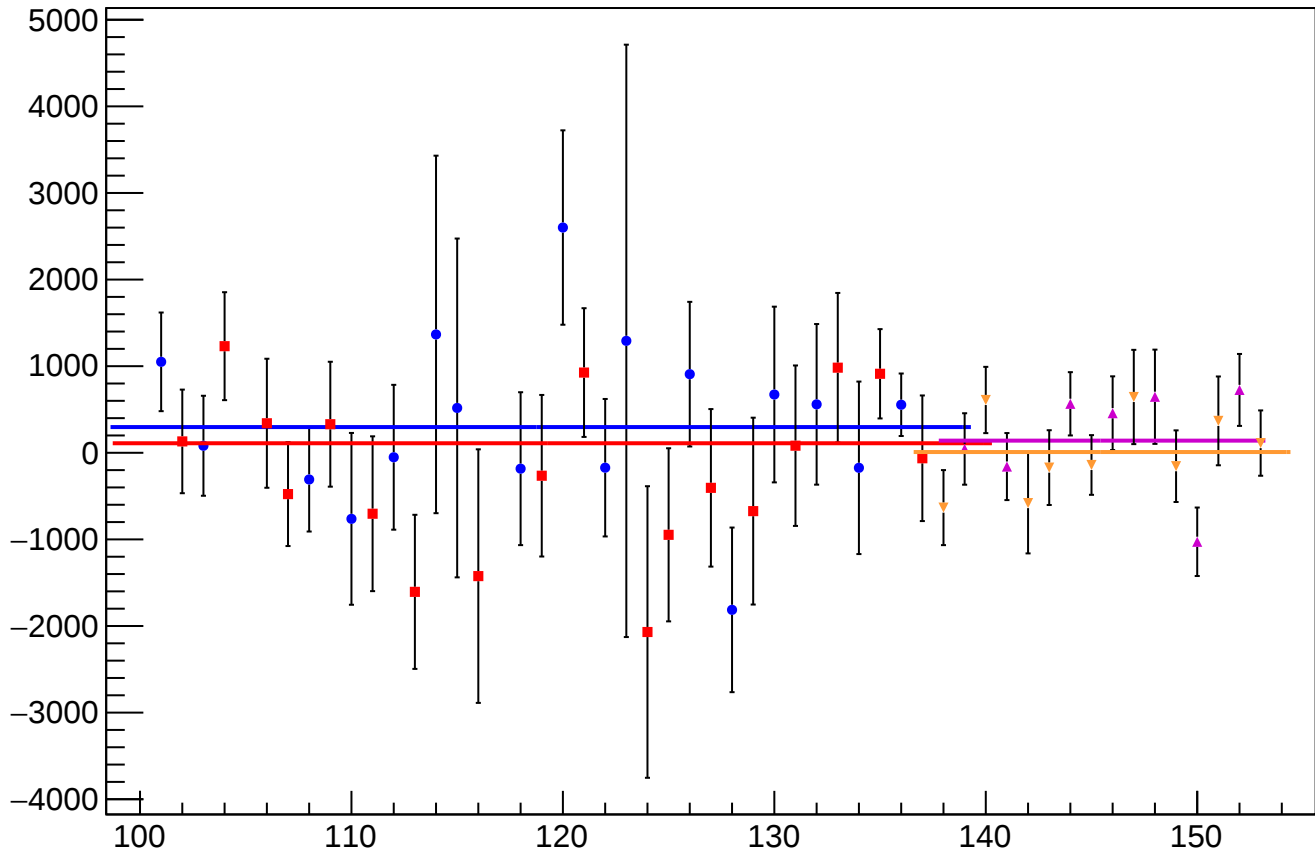
Right: 480.443 $\pm$ 0.094 χ^2 /NDF: 1556417.6/34

In: 421.451 $\pm$ 0.087 χ^2 /NDF:1236809.5/23

Out: 416.453 $\pm$ 0.082 χ^2 /NDF:1389695.2/26

All: 418.808 $\pm$ 0.059 χ^2 /NDF: 2628267.4/50

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 296.984 $\pm$ 185.975 χ^2 /NDF: 15.9/16

Left Out: 8.769 $\pm$ 142.913 χ^2 /NDF: 8.1/8

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 140.430 $\pm$ 155.917 χ^2 /NDF: 14.1/6

Left: 68.881 $\pm$ 105.353 χ^2 /NDF: 22.7/15

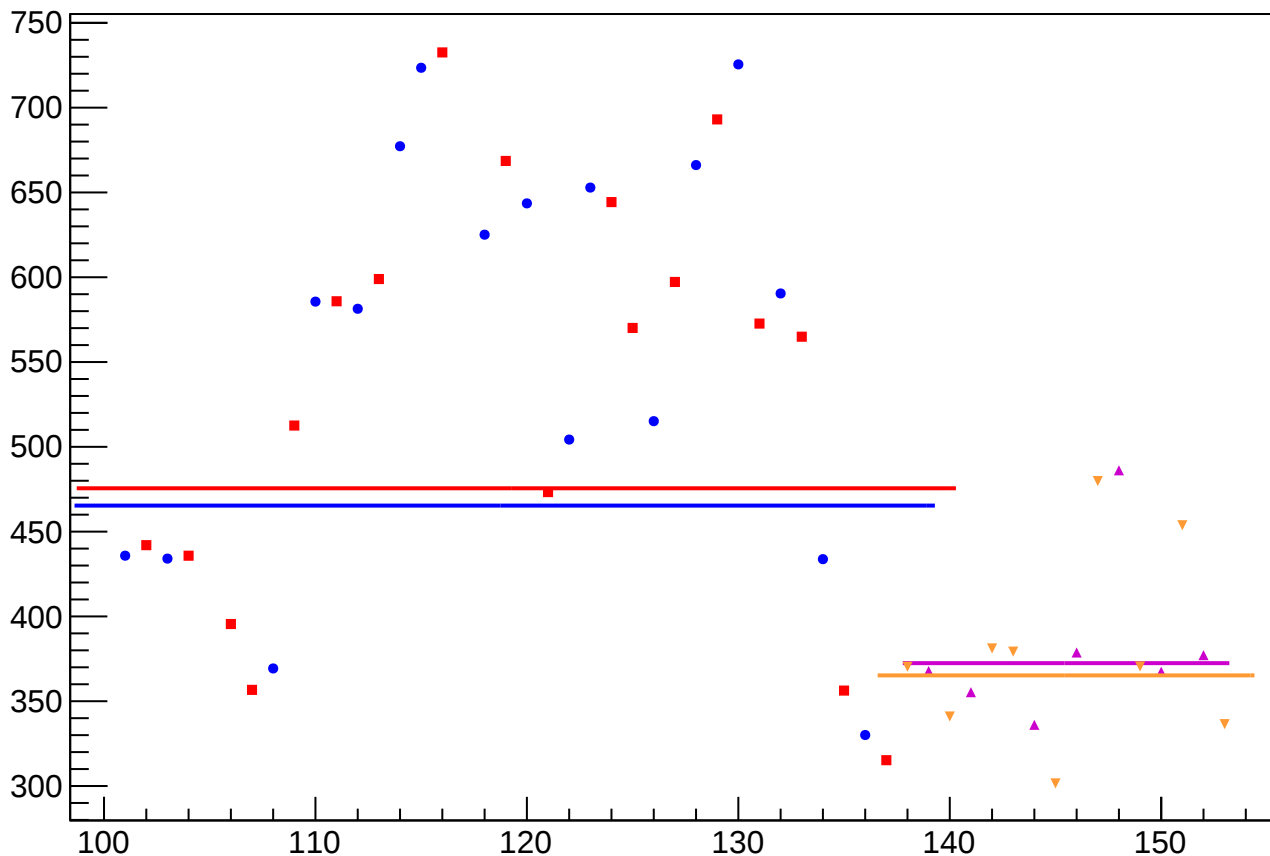
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 205.049 $\pm$ 119.482 χ^2 /NDF: 30.4/23

Out: 46.809 $\pm$ 112.960 χ^2 /NDF: 26.9/26

All: 121.492 $\pm$ 82.084 χ^2 /NDF: 58.2/50

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356+/-0.132 χ^2/NDF : 860420.4/16

Left Out: 365.234+/-0.101 χ^2/NDF : 240402.8/8

Right Out: 475.559+/-0.130 χ^2/NDF : 740849.9/17

Left In: 372.449+/-0.110 χ^2/NDF : 112311.4/6

Left: 368.528+/-0.074 χ^2/NDF : 355041.4/15

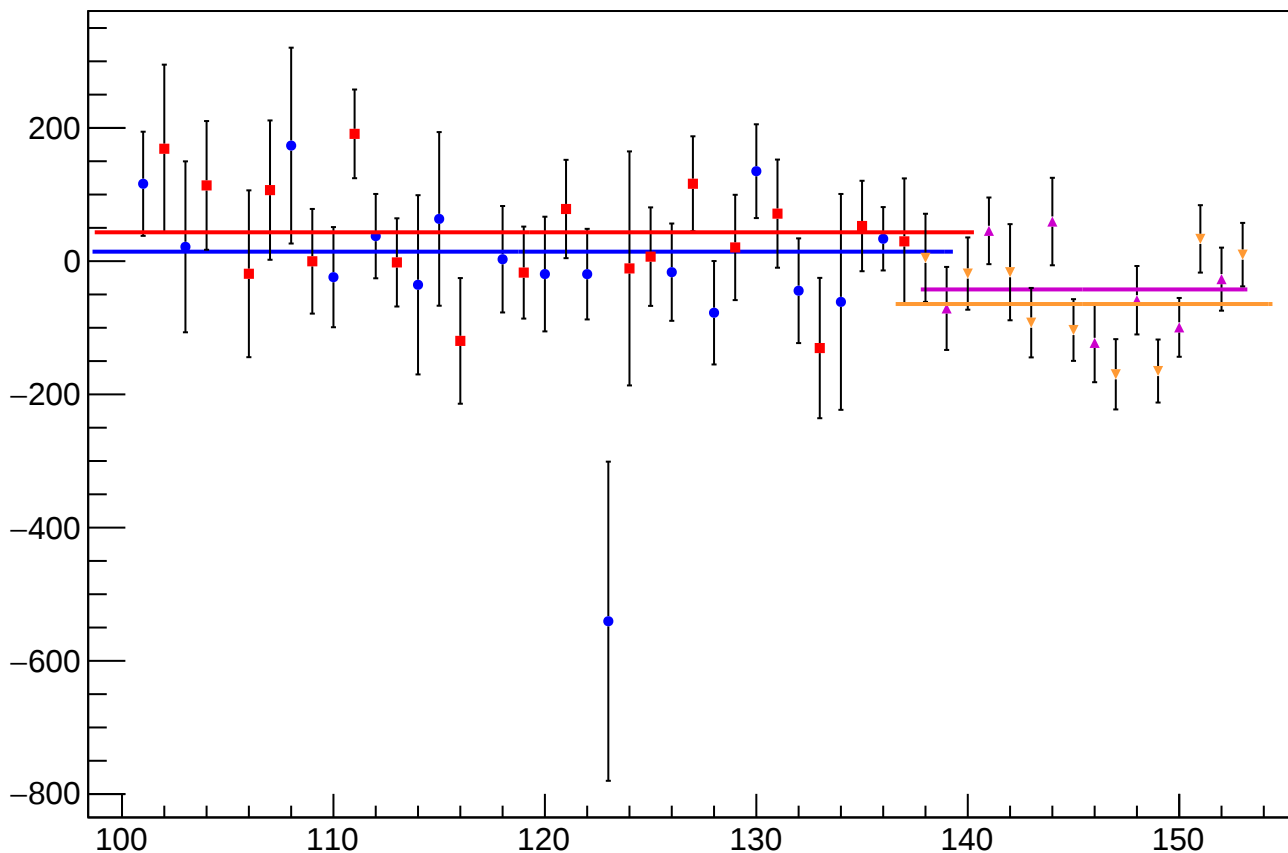
Right: 470.501+/-0.093 χ^2/NDF : 1604306.1/34

In: 410.797+/-0.084 χ^2/NDF : 1265841.1/23

Out: 406.634+/-0.080 χ^2/NDF : 1428509.5/26

All: 408.599+/-0.058 χ^2/NDF : 2695632.5/50

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: -64.333 ± 17.593 $\chi^2/\text{NDF}: 17.9/8$

Right Out: 43.336 ± 19.650 $\chi^2/\text{NDF}: 16.2/17$

Left In: -42.452 ± 19.944 $\chi^2/\text{NDF}: 9.4/6$

Left: -54.758 ± 13.193 $\chi^2/\text{NDF}: 28.0/15$

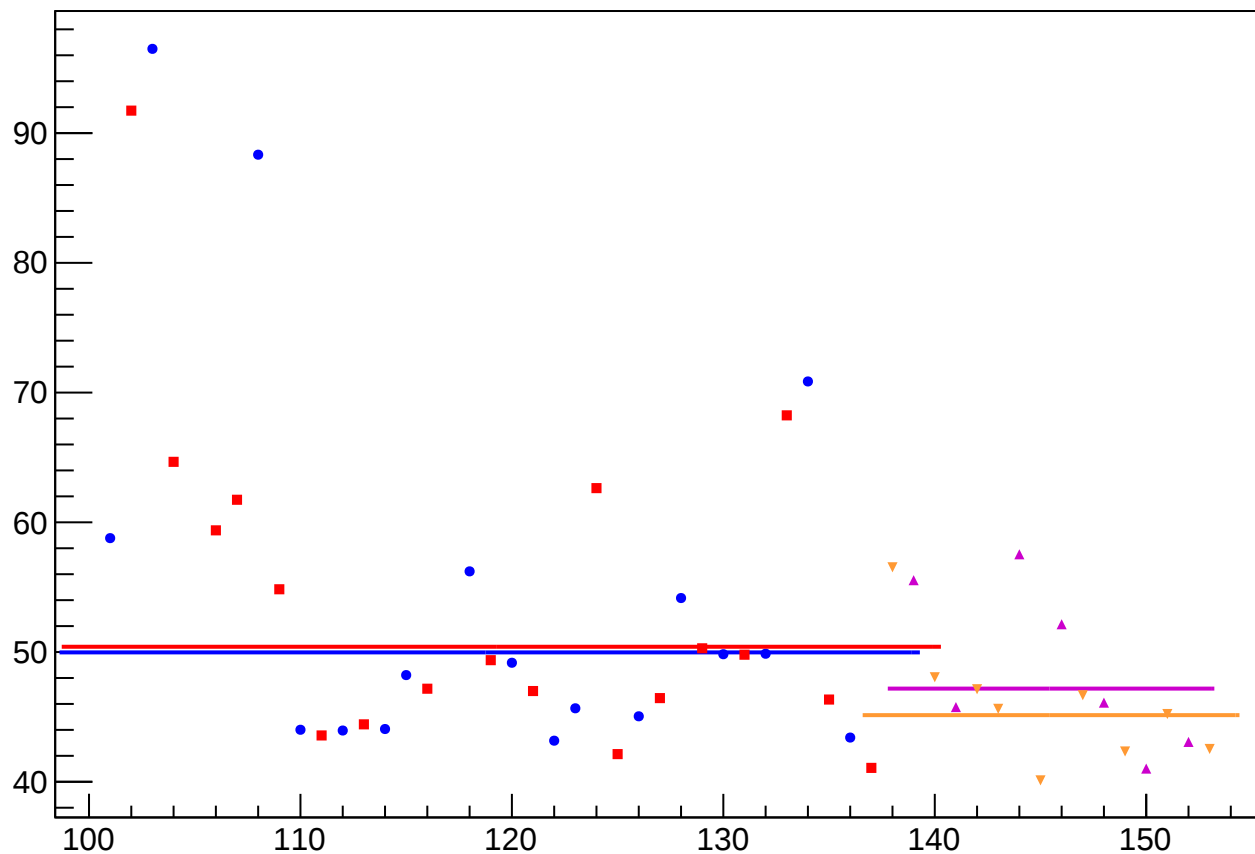
Right: 28.954 ± 13.971 $\chi^2/\text{NDF}: 32.0/34$

In: -13.989 ± 14.075 $\chi^2/\text{NDF}: 28.3/23$

Out: -16.428 ± 13.107 $\chi^2/\text{NDF}: 50.7/26$

All: -15.295 ± 9.592 $\chi^2/\text{NDF}: 79.0/50$

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: 45.137 $\pm$ 0.012 χ^2 /NDF: 105098.6/8

Right Out: 50.408 $\pm$ 0.014 χ^2 /NDF: 467481.4/17

Left In: 47.182 $\pm$ 0.014 χ^2 /NDF: 156382.3/6

Left: 46.032 $\pm$ 0.009 χ^2 /NDF: 273311.6/15

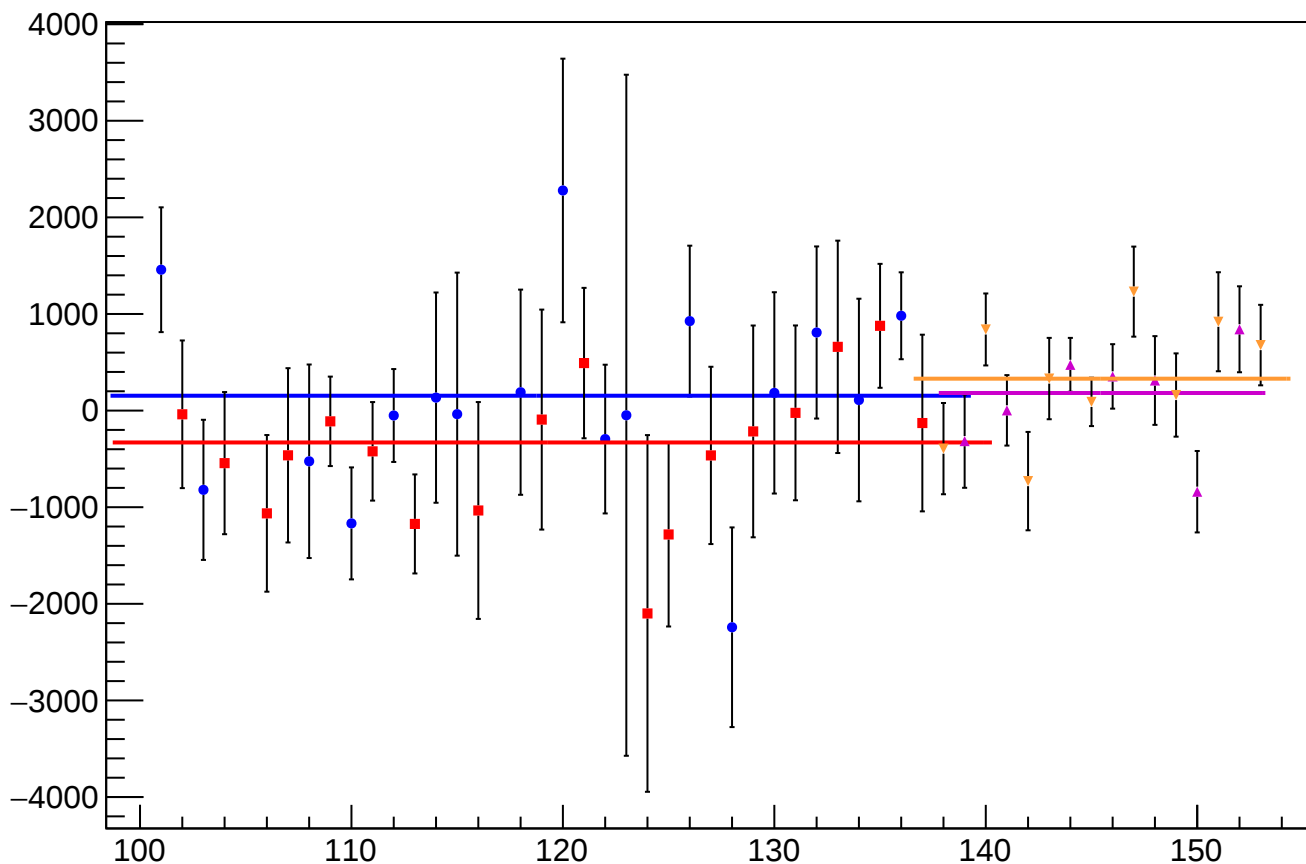
Right: 50.193 $\pm$ 0.010 χ^2 /NDF: 1046716.4/34

In: 48.583 $\pm$ 0.010 χ^2 /NDF: 754794.1/23

Out: 47.482 $\pm$ 0.009 χ^2 /NDF: 652473.8/26

All: 47.993 $\pm$ 0.007 χ^2 /NDF: 1413822.3/50

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: 330.314 $\pm$ 132.824 χ^2 /NDF:15.4/8

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 182.142 $\pm$ 142.767 χ^2 /NDF:10.8/6

Left: 261.567 $\pm$ 97.246 χ^2 /NDF: 26.8/15

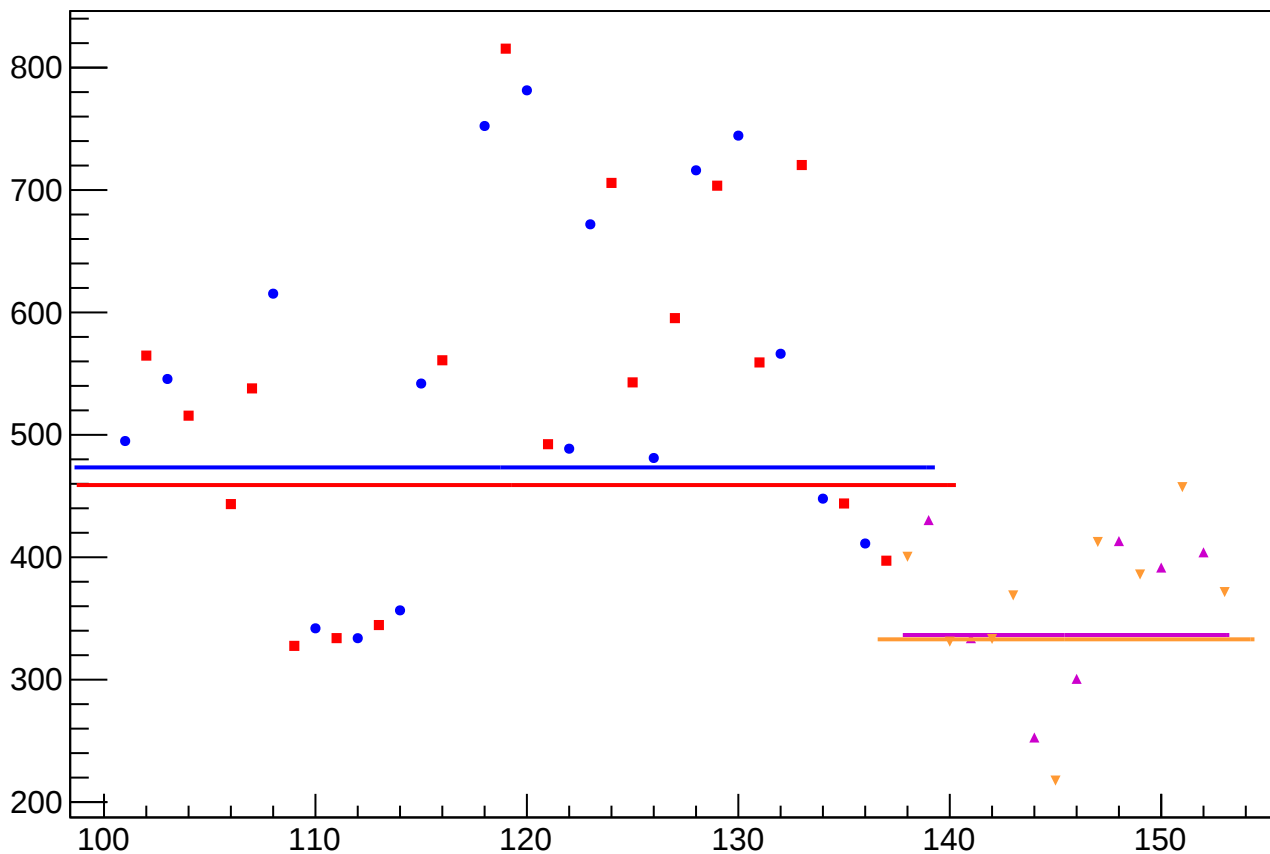
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 171.927 $\pm$ 114.128 χ^2 /NDF:35.6/23

Out: 97.194 $\pm$ 106.833 χ^2 /NDF:36.2/26

All: 132.096 $\pm$ 77.994 χ^2 /NDF: 72.0/50

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: 332.958 $\pm$ 0.094 χ^2/NDF : 703096.3/8

Right Out: 458.988 $\pm$ 0.127 χ^2/NDF : 1006257.2/17

Left In: 336.494 $\pm$ 0.101 χ^2/NDF : 415014.0/6

Left: 334.599 $\pm$ 0.069 χ^2/NDF : 1118767.8/15

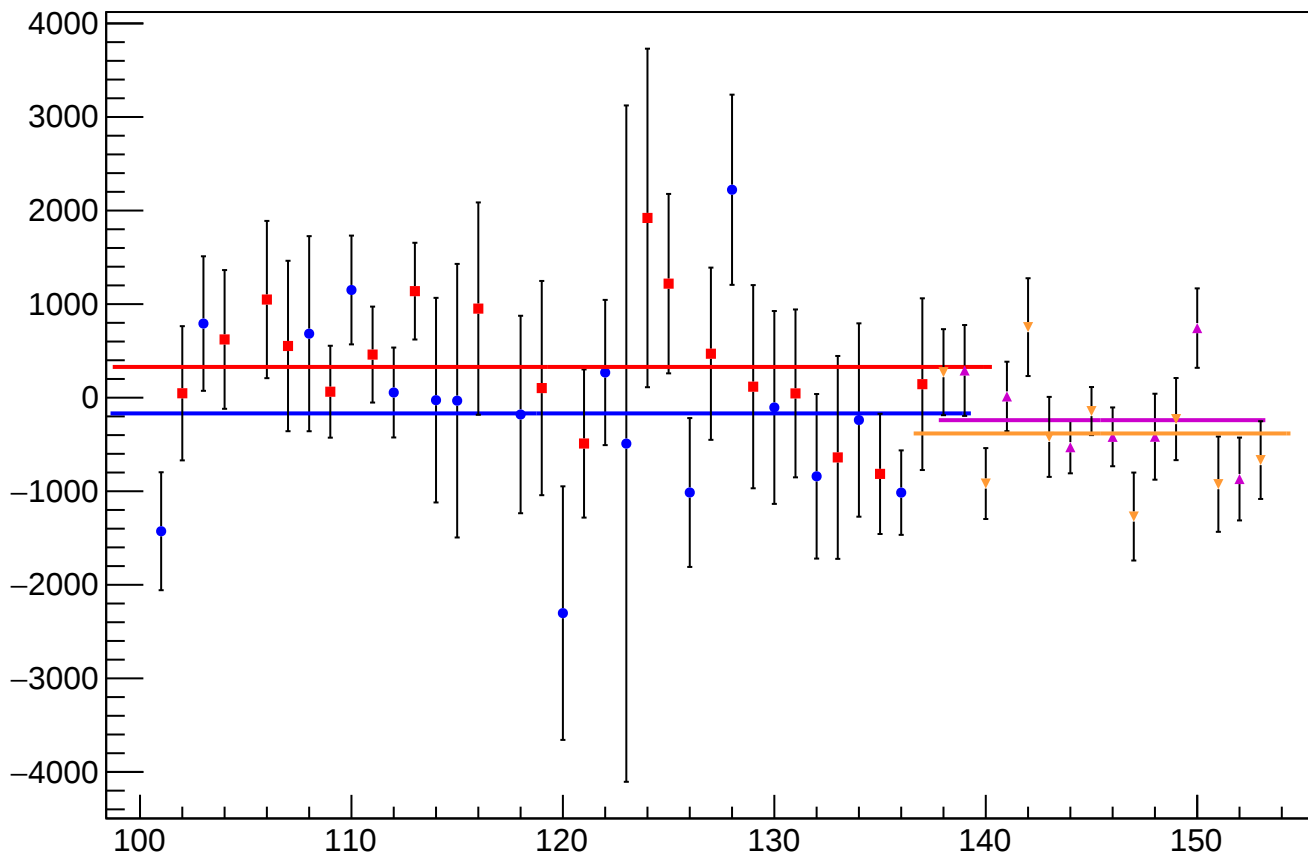
Right: 465.801 $\pm$ 0.092 χ^2/NDF : 1927262.4/34

In: 385.913 $\pm$ 0.081 χ^2/NDF : 1993855.0/23

Out: 377.456 $\pm$ 0.076 χ^2/NDF : 2345097.6/26

All: 381.405 $\pm$ 0.055 χ^2/NDF : 4344806.0/50

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -382.464+/-134.416 χ^2/NDF :14.9/8

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -240.318+/-141.682 χ^2/NDF :10.6/6

Left: -315.129+/-97.514 χ^2/NDF : 26.0/15

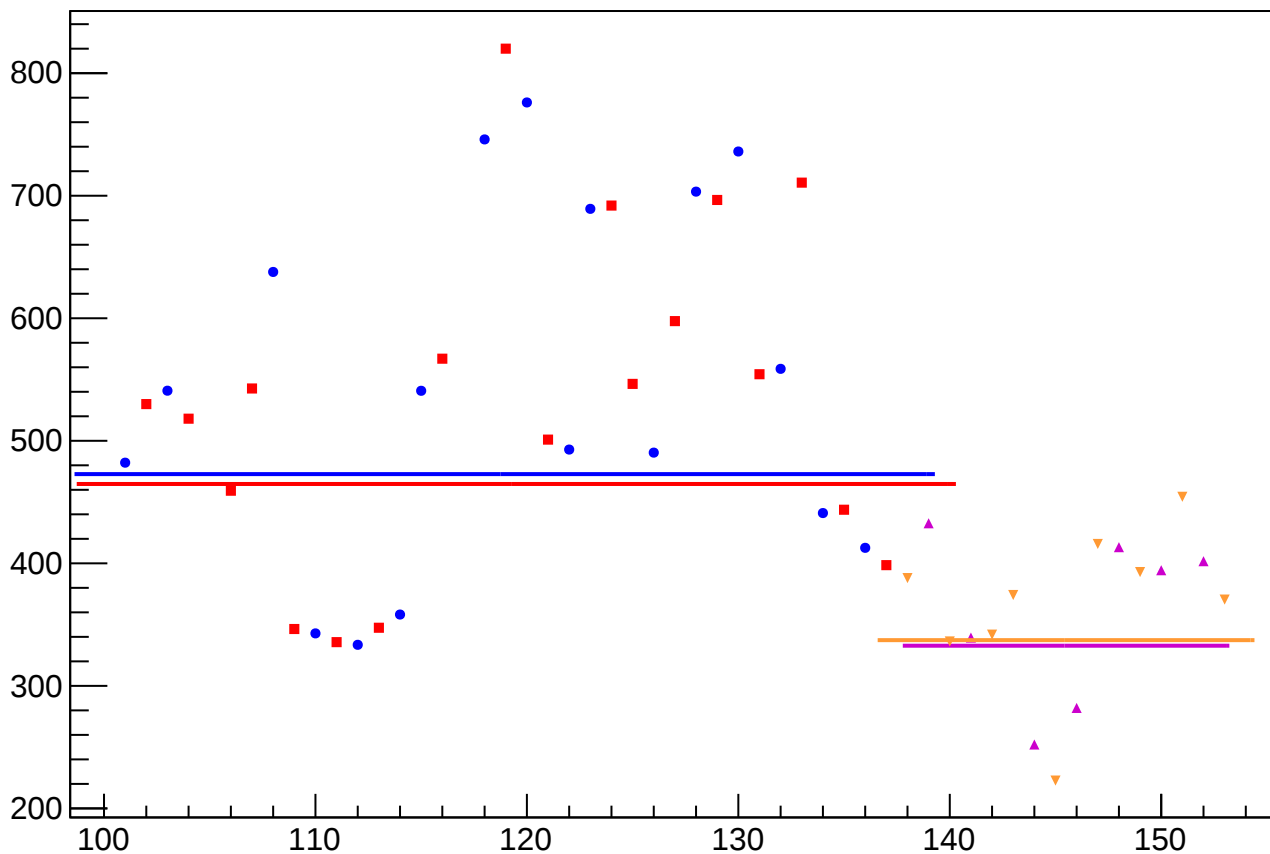
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -214.450+/-113.528 χ^2/NDF :36.1/23

Out: -130.712+/-108.032 χ^2/NDF :36.0/26

All: -170.505+/-78.261 χ^2/NDF : 72.3/50

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: 337.316 $\pm$ 0.095 χ^2/NDF : 643438.9/8

Right Out: 464.761 $\pm$ 0.128 χ^2/NDF : 914781.1/17

Left In: 332.780 $\pm$ 0.100 χ^2/NDF : 455883.8/6

Left: 335.167 $\pm$ 0.069 χ^2/NDF : 1100401.3/15

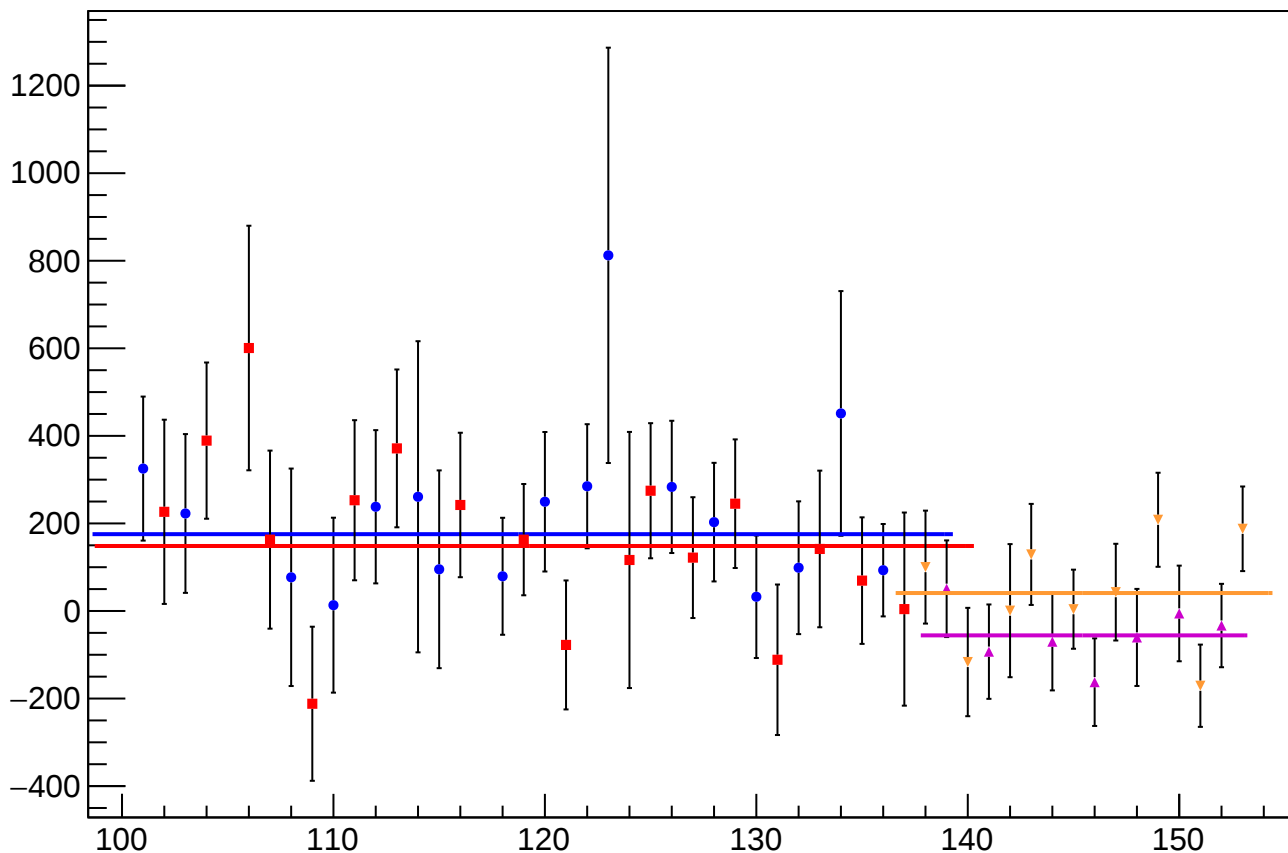
Right: 468.612 $\pm$ 0.093 χ^2/NDF : 1813037.9/34

In: 382.905 $\pm$ 0.080 χ^2/NDF : 2051628.9/23

Out: 382.438 $\pm$ 0.076 χ^2/NDF : 2194775.2/26

All: 382.660 $\pm$ 0.055 χ^2/NDF : 4246422.0/50

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: 41.017 ± 36.387 χ^2/NDF : 12.5/8

Right Out: 148.445 ± 40.332 χ^2/NDF : 17.5/17

Left In: -55.715 ± 40.027 χ^2/NDF : 2.5/6

Left: -2.753 ± 26.925 χ^2/NDF : 18.1/15

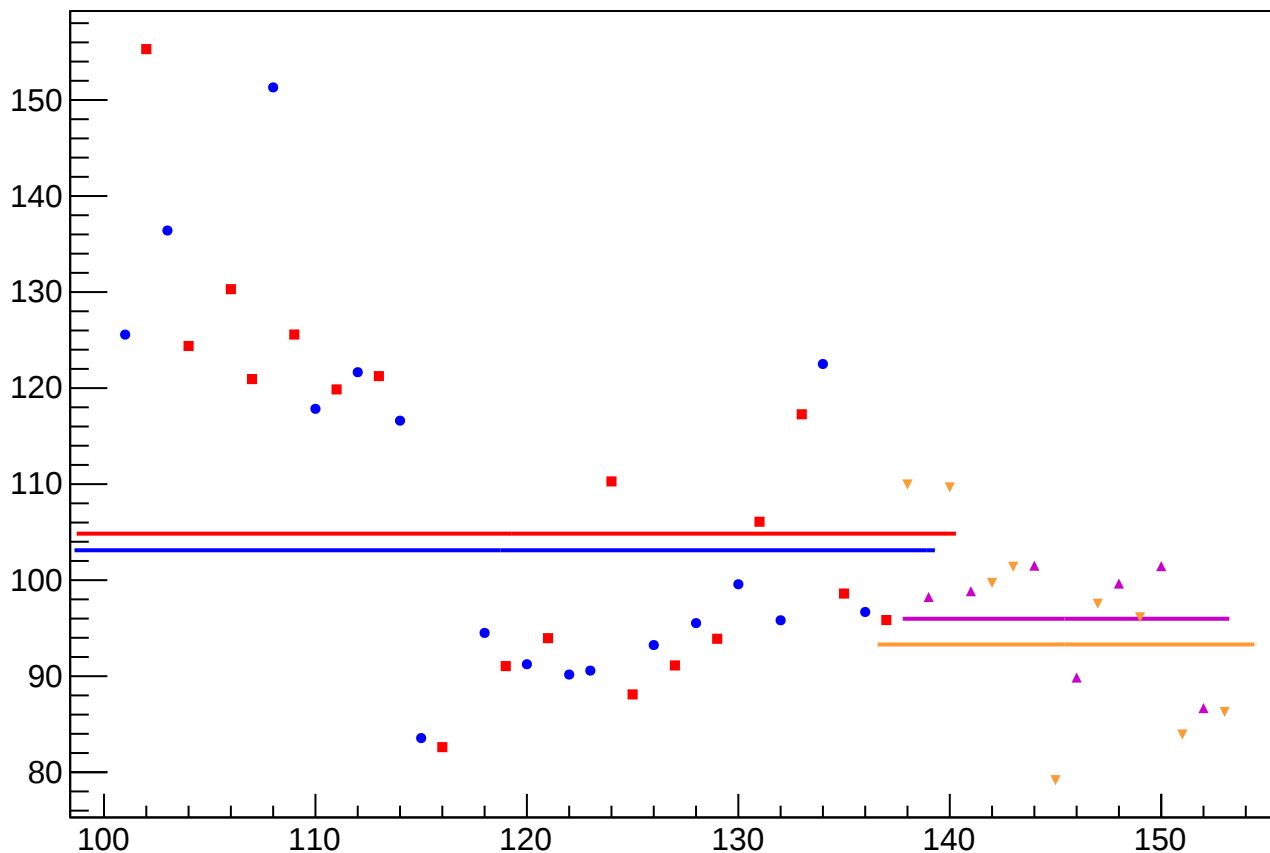
Right: 161.947 ± 28.528 χ^2/NDF : 26.3/34

In: 58.922 ± 28.420 χ^2/NDF : 27.6/23

Out: 89.222 ± 27.017 χ^2/NDF : 33.9/26

All: 74.838 ± 19.581 χ^2/NDF : 62.1/50

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: 93.305 $\pm$ 0.026 χ^2/NDF :165483.7/8

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 95.982 $\pm$ 0.028 χ^2/NDF :40993.2/6

Left: 94.516 $\pm$ 0.019 χ^2/NDF : 211374.7/15

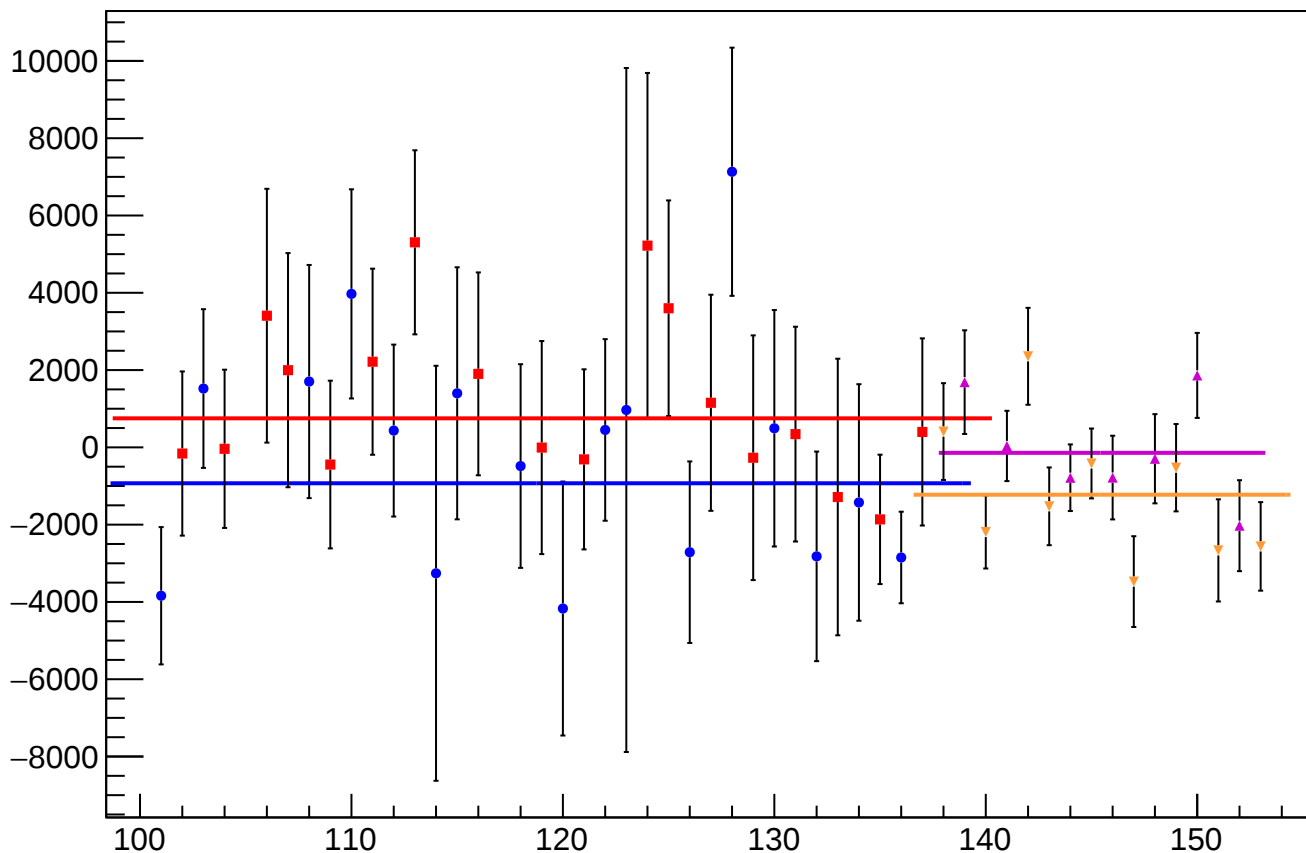
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 99.517 $\pm$ 0.020 χ^2/NDF :378905.1/23

Out: 98.483 $\pm$ 0.019 χ^2/NDF :624414.0/26

All: 98.974 $\pm$ 0.014 χ^2/NDF : 1004712.1/50

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932+/-586.968 χ^2/NDF : 20.9/16

Left Out: -1224.703+/-366.418 χ^2/NDF : 18.4/8

Right Out: 751.262+/-594.960 χ^2/NDF : 10.9/17

Left In: -141.539+/-399.580 χ^2/NDF : 8.7/6

Left: -729.926+/-270.061 χ^2/NDF : 31.1/15

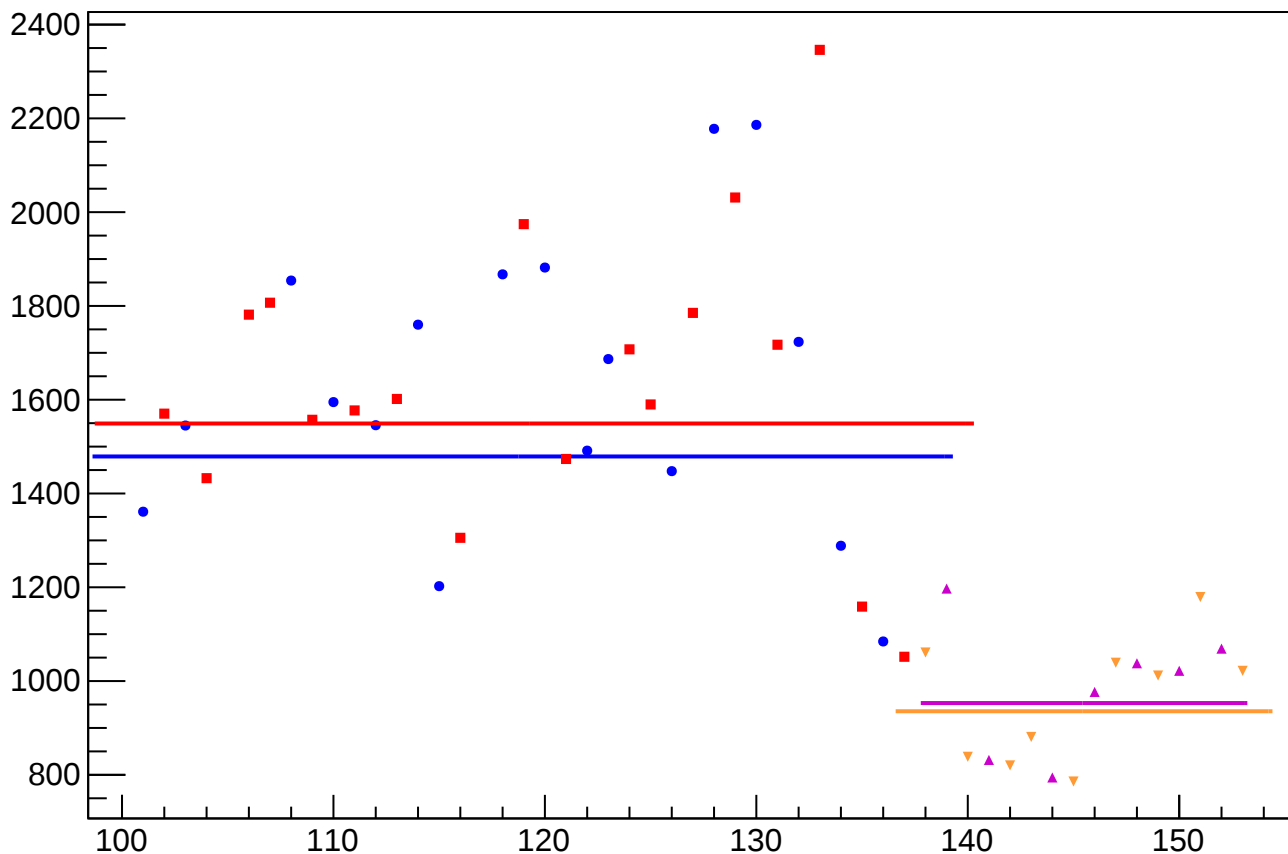
Right: -100.195+/-417.846 χ^2/NDF : 35.8/34

In: -390.883+/-330.307 χ^2/NDF : 30.8/23

Out: -681.327+/-311.995 χ^2/NDF : 37.3/26

All: -544.379+/-226.812 χ^2/NDF : 68.5/50

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: 935.603 $\pm$ 0.259 χ^2 /NDF: 222815.9/8

Right Out: 1549.266 $\pm$ 0.421 χ^2 /NDF: 462557.8/17

Left In: 953.108 $\pm$ 0.283 χ^2 /NDF: 208637.4/6

Left: 943.599 $\pm$ 0.191 χ^2 /NDF: 433538.2/15

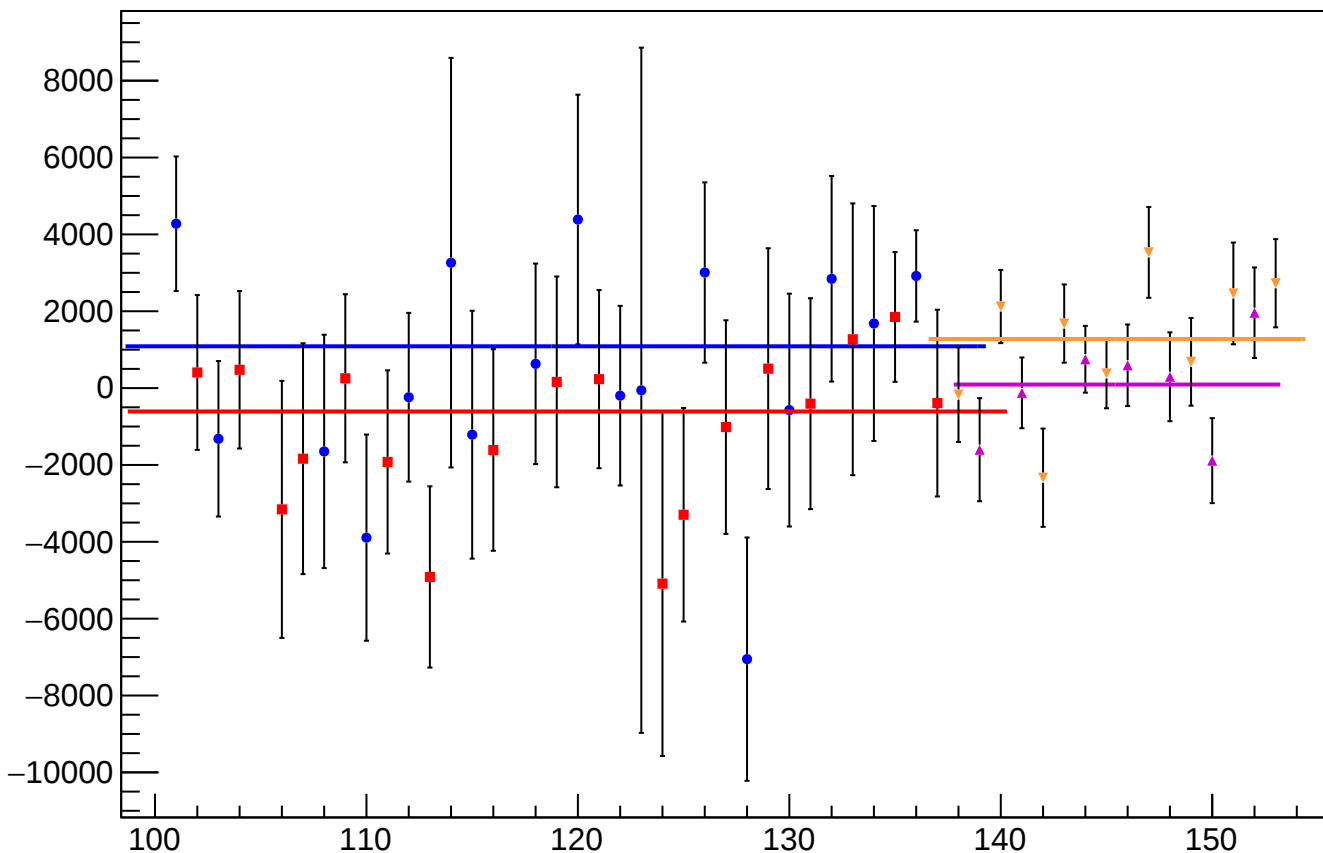
Right: 1513.653 $\pm$ 0.295 χ^2 /NDF: 1066318.9/34

In: 1119.640 $\pm$ 0.234 χ^2 /NDF: 1895265.6/23

Out: 1104.356 $\pm$ 0.221 χ^2 /NDF: 2227984.5/26

All: 1111.563 $\pm$ 0.160 χ^2 /NDF: 4125513.0/50

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: 1278.481 $\pm$ 368.403 χ^2 /NDF:17.6/8

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: 92.370 $\pm$ 400.442 χ^2 /NDF:8.2/6

Left: 734.767 $\pm$ 271.120 χ^2 /NDF: 30.5/15

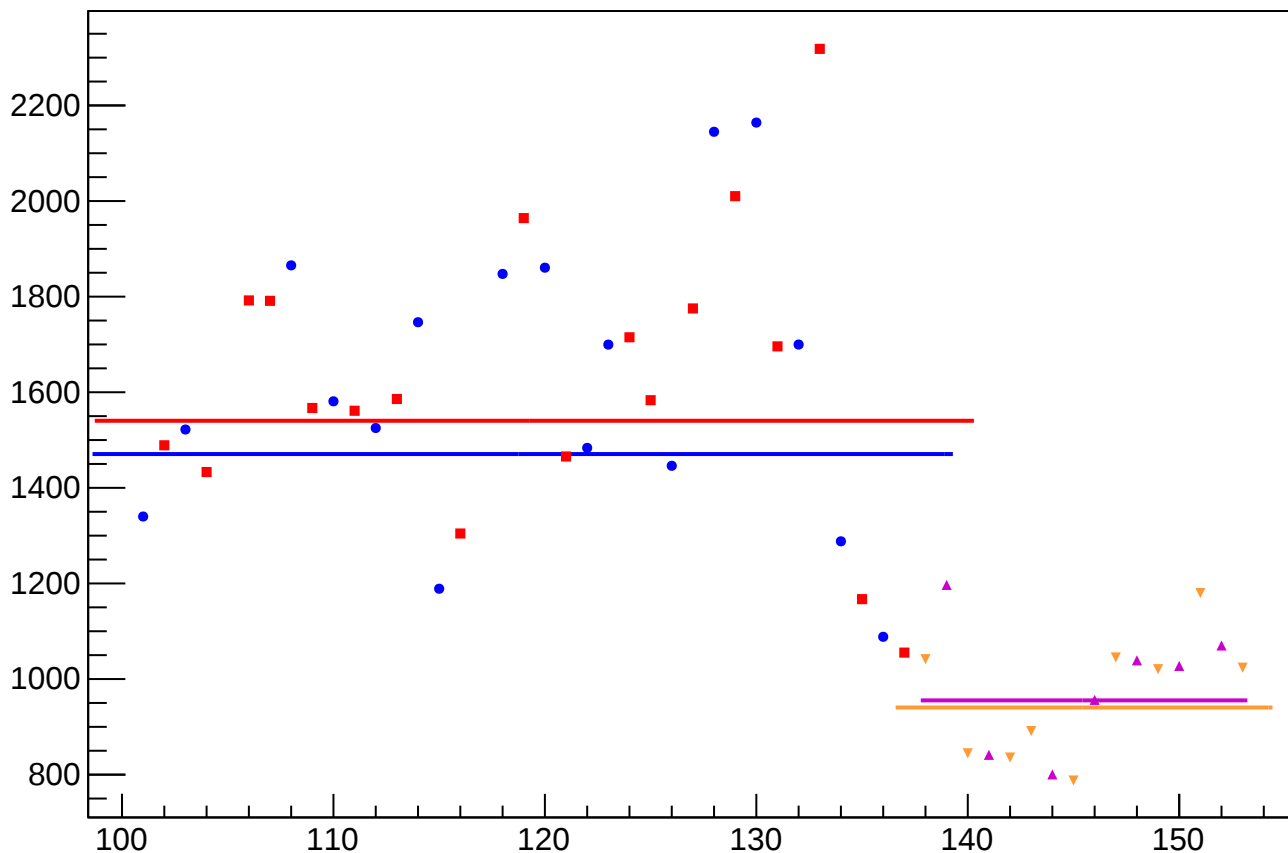
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 411.274 $\pm$ 330.138 χ^2 /NDF:32.0/23

Out: 751.303 $\pm$ 312.717 χ^2 /NDF:34.8/26

All: 590.496 $\pm$ 227.033 χ^2 /NDF: 67.4/50

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1470.683 $\pm$ 0.412 χ^2/NDF : 567728.4/16

Left Out: 940.505 $\pm$ 0.261 χ^2/NDF : 210120.8/8

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 955.375 $\pm$ 0.283 χ^2/NDF : 197037.5/6

Left: 947.321 $\pm$ 0.192 χ^2/NDF : 408651.9/15

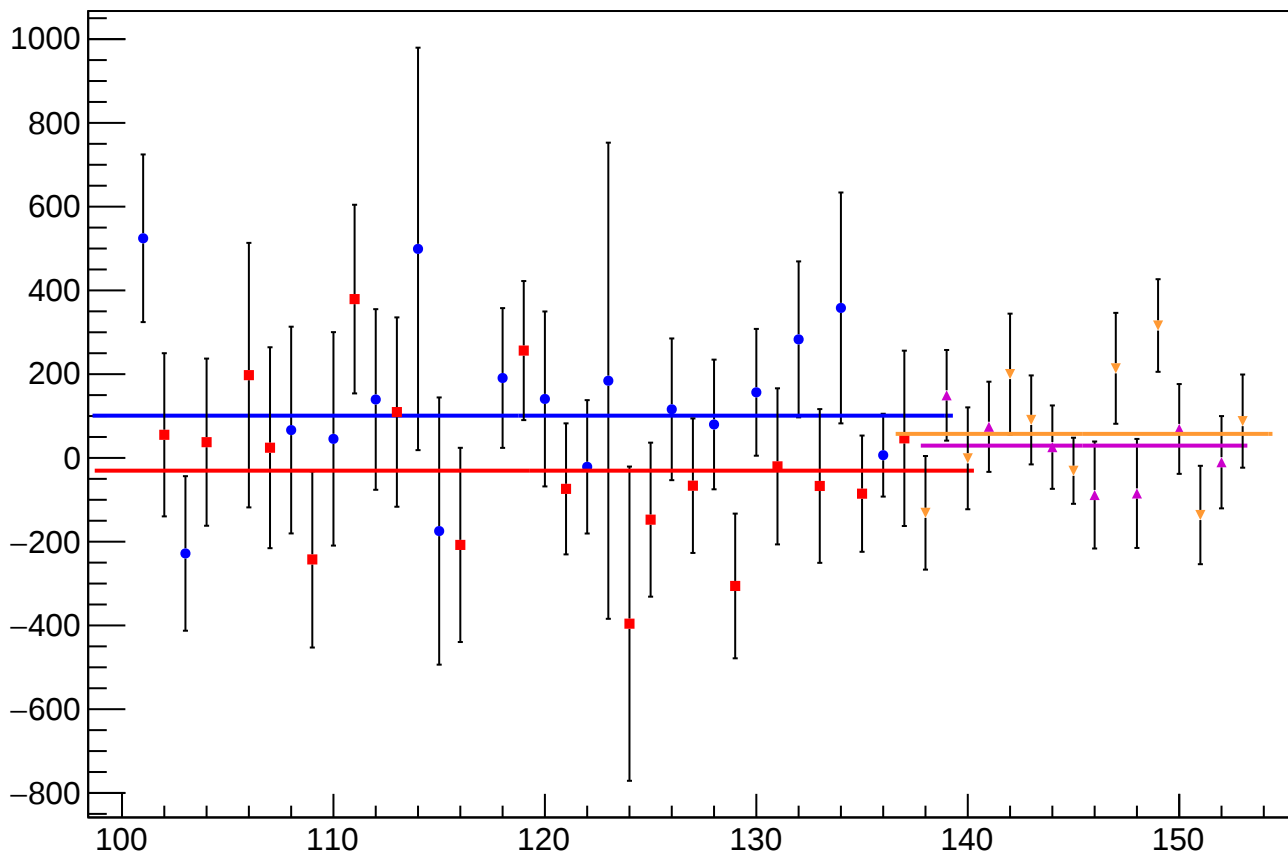
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1120.432 $\pm$ 0.233 χ^2/NDF : 1825611.4/23

Out: 1108.136 $\pm$ 0.221 χ^2/NDF : 2134656.3/26

All: 1113.951 $\pm$ 0.161 χ^2/NDF : 3961730.1/50

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 57.417 ± 37.496 $\chi^2/\text{NDF}: 14.2/8$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 29.372 ± 42.177 $\chi^2/\text{NDF}: 3.3/6$

Left: 45.037 ± 28.023 $\chi^2/\text{NDF}: 17.7/15$

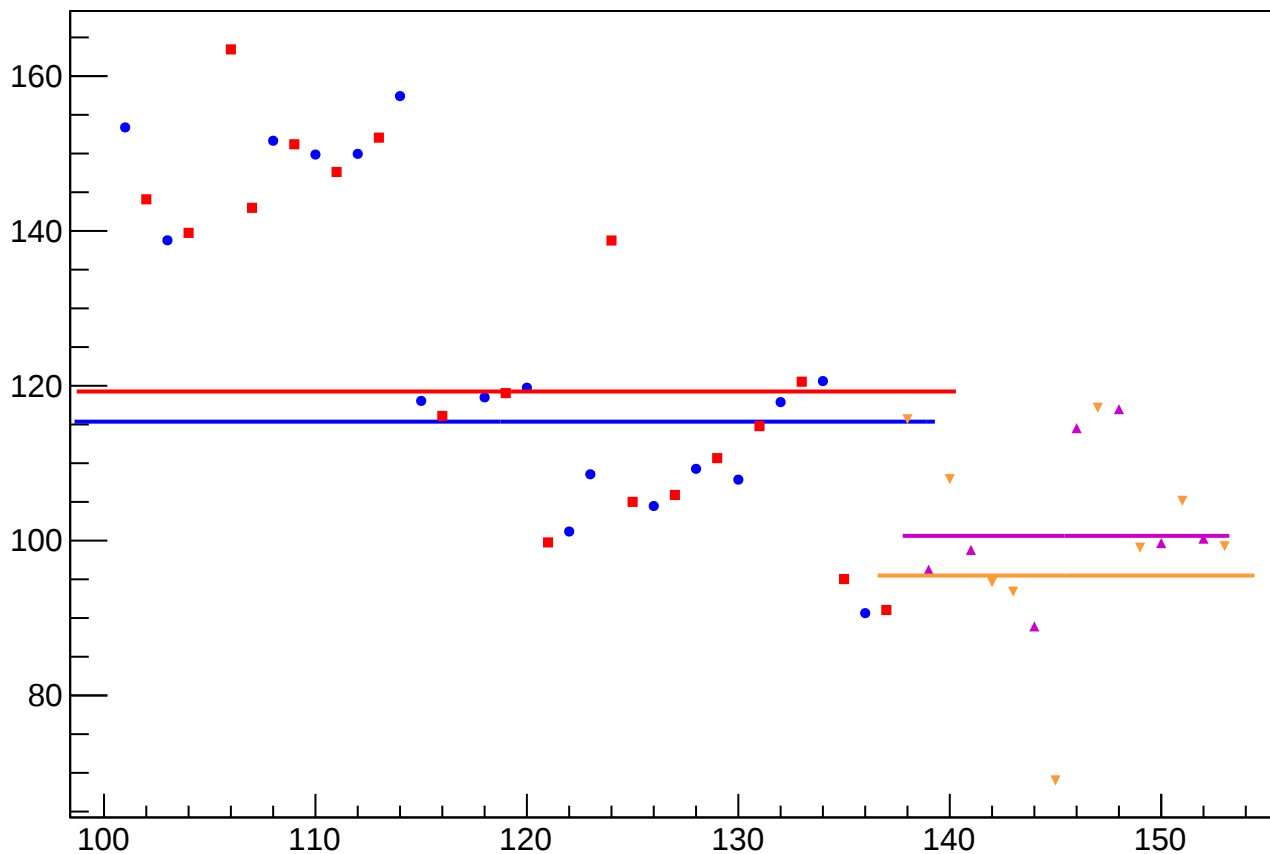
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 62.607 ± 30.864 $\chi^2/\text{NDF}: 17.7/23$

Out: 22.089 ± 28.990 $\chi^2/\text{NDF}: 29.9/26$

All: 41.081 ± 21.130 $\chi^2/\text{NDF}: 48.5/50$

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 115.366 $\pm$ 0.032 χ^2 /NDF: 411362.6/16

Left Out: 95.488 $\pm$ 0.027 χ^2 /NDF:362389.4/8

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 100.613 $\pm$ 0.030 χ^2 /NDF:86913.1/6

Left: 97.750 $\pm$ 0.020 χ^2 /NDF: 465799.4/15

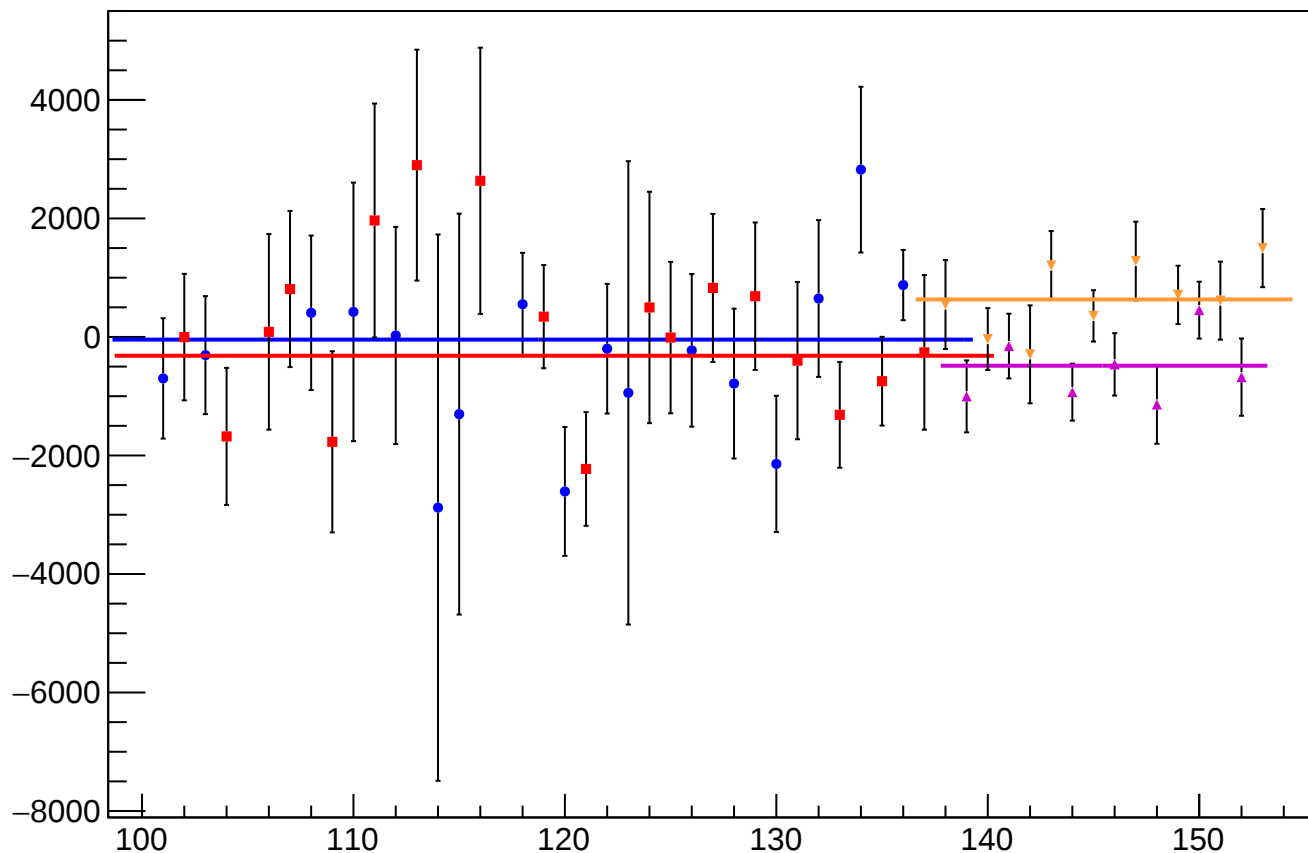
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 107.466 $\pm$ 0.022 χ^2 /NDF:611950.2/23

Out: 105.051 $\pm$ 0.020 χ^2 /NDF:1084137.5/26

All: 106.183 $\pm$ 0.015 χ^2 /NDF: 1702595.8/50

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 $\chi^2/\text{NDF}: 17.9/16$

Left Out: 632.703 ± 195.396 $\chi^2/\text{NDF}: 7.0/8$

Right Out: -316.976 ± 283.113 $\chi^2/\text{NDF}: 16.8/17$

Left In: -485.457 ± 208.650 $\chi^2/\text{NDF}: 6.8/6$

Left: 110.261 ± 142.621 $\chi^2/\text{NDF}: 29.1/15$

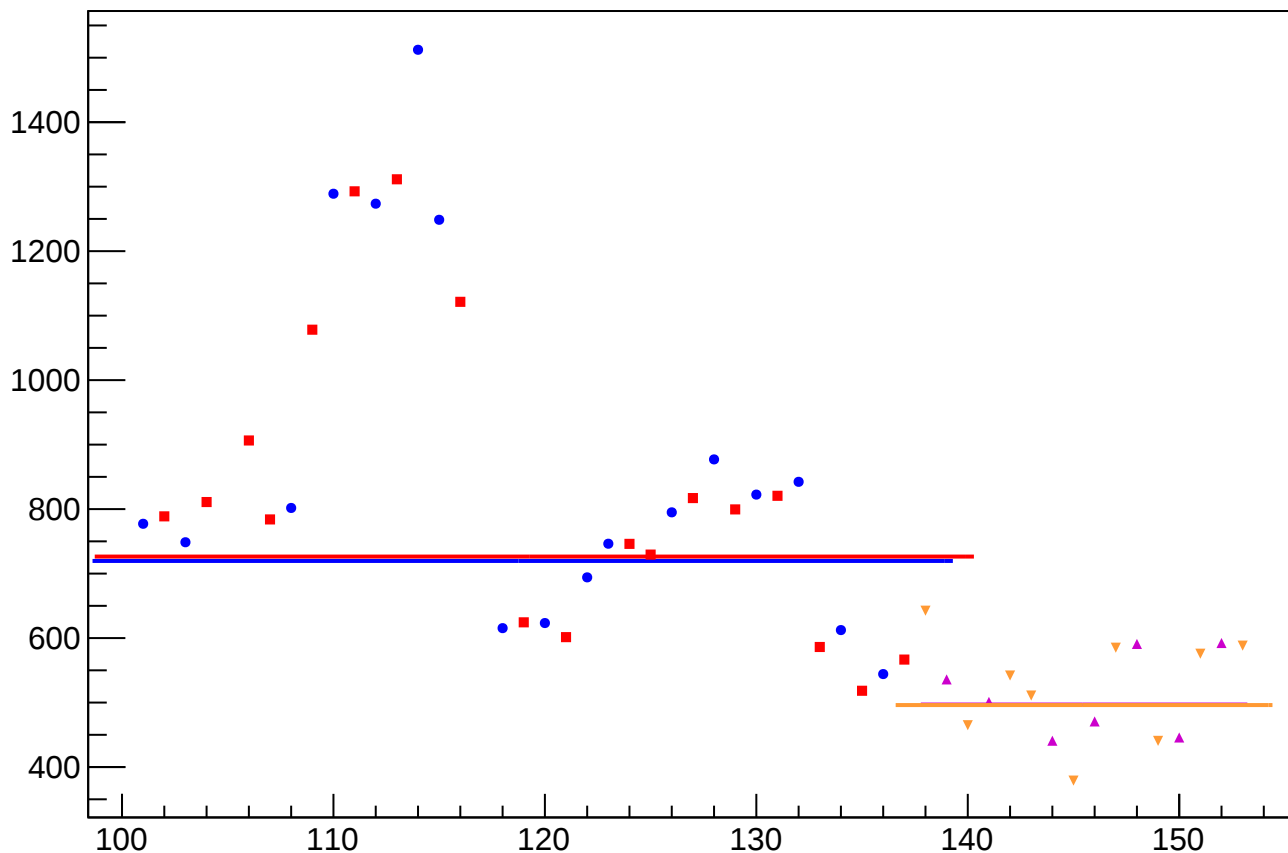
Right: -182.282 ± 201.303 $\chi^2/\text{NDF}: 35.1/34$

In: -332.504 ± 168.618 $\chi^2/\text{NDF}: 26.3/23$

Out: 326.291 ± 160.814 $\chi^2/\text{NDF}: 31.4/26$

All: 12.492 ± 116.374 $\chi^2/\text{NDF}: 65.7/50$

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: 496.138 $\pm$ 0.138 χ^2 /NDF: 366396.2/8

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 496.969 $\pm$ 0.148 χ^2 /NDF: 146290.9/6

Left: 496.526 $\pm$ 0.101 χ^2 /NDF: 512704.0/15

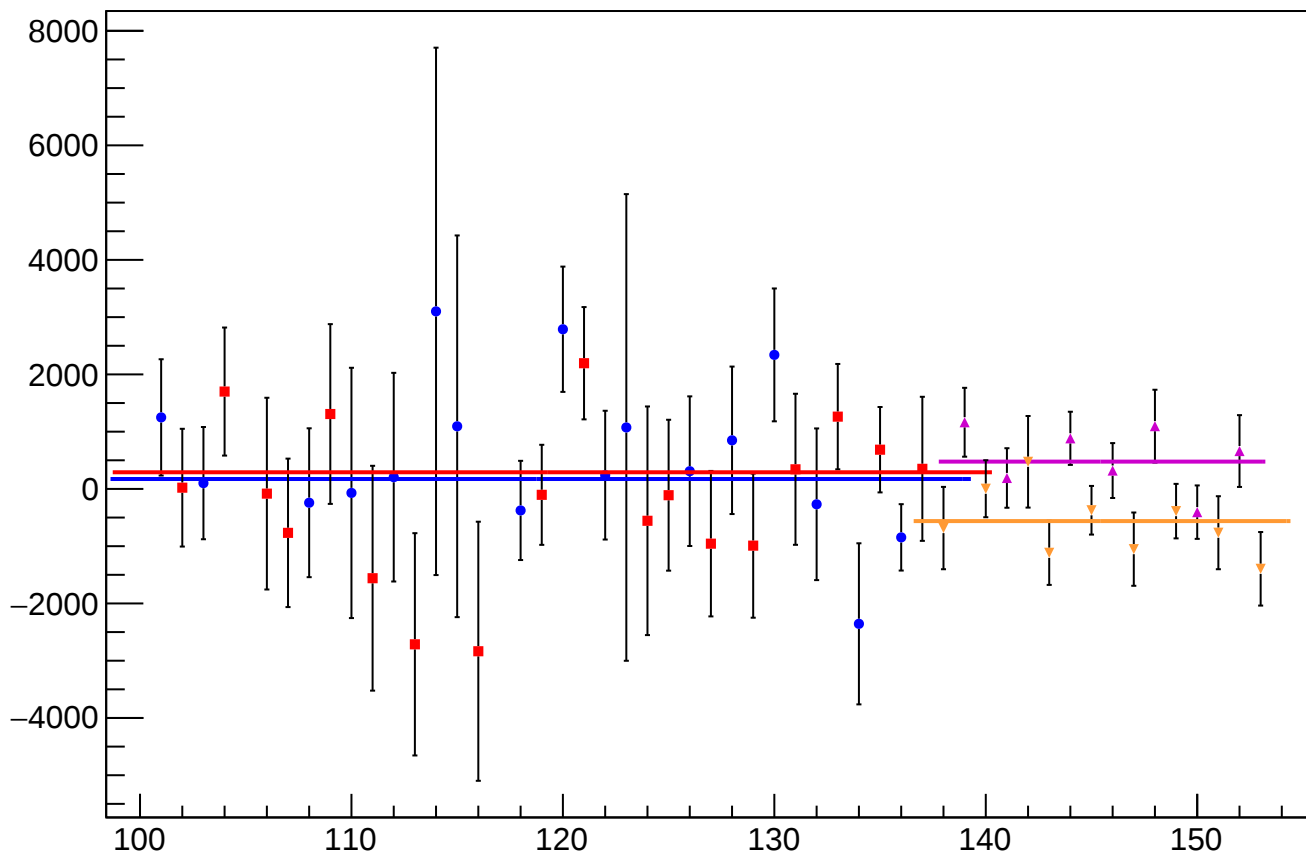
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 574.204 $\pm$ 0.119 χ^2 /NDF: 1683195.2/23

Out: 570.430 $\pm$ 0.114 χ^2 /NDF: 2143491.6/26

All: 572.228 $\pm$ 0.082 χ^2 /NDF: 3827211.3/50

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: -561.691 $\pm$ 188.990 χ^2 /NDF:6.7/8

Right Out: 290.799 $\pm$ 283.545 χ^2 /NDF: 15.6/17

Left In: 476.950 $\pm$ 199.731 χ^2 /NDF:7.1/6

Left: -71.046 $\pm$ 137.276 χ^2 /NDF: 28.0/15

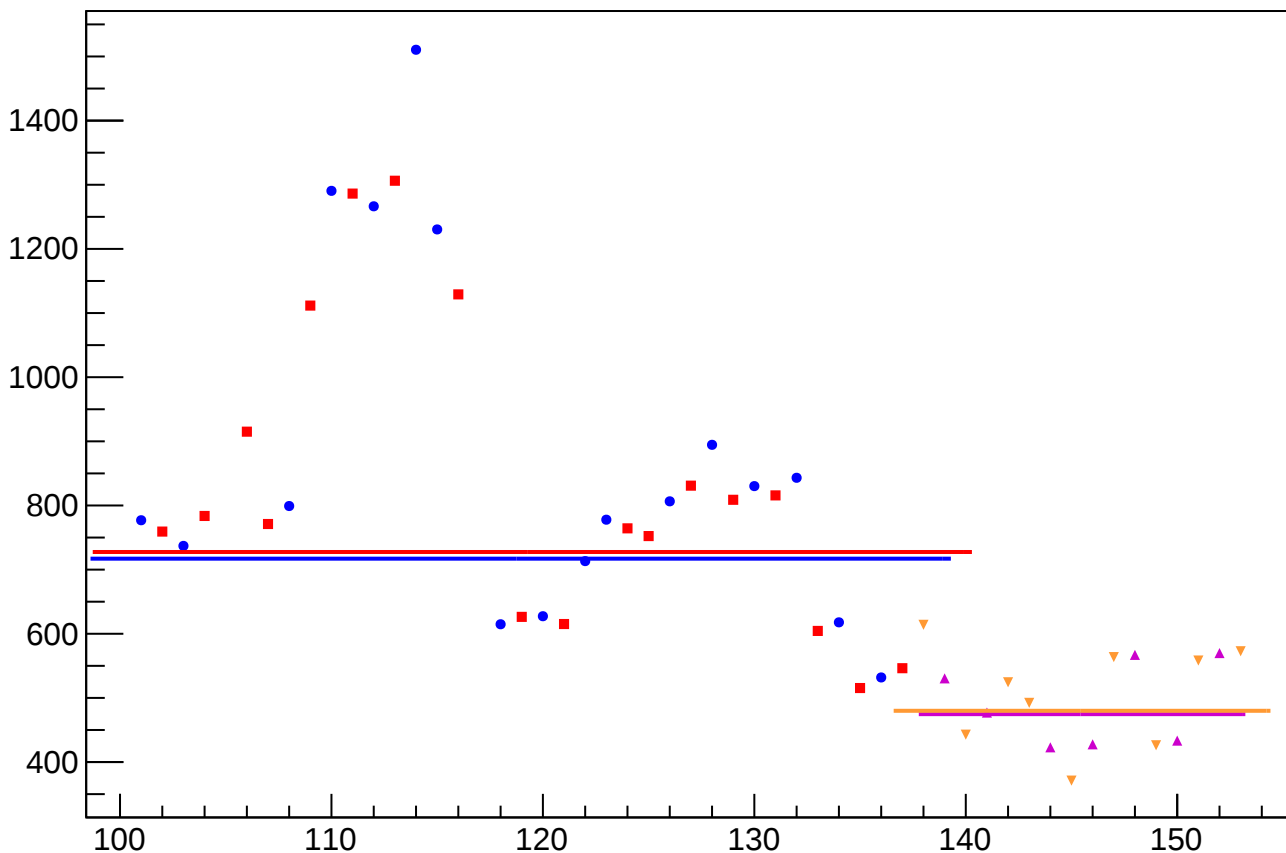
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 377.214 $\pm$ 163.690 χ^2 /NDF:26.0/23

Out: -299.463 $\pm$ 157.260 χ^2 /NDF:28.6/26

All: 25.323 $\pm$ 113.405 χ^2 /NDF: 63.4/50

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: 479.921 $\pm$ 0.134 χ^2 /NDF: 350831.8/8

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 474.689 $\pm$ 0.141 χ^2 /NDF: 165344.0/6

Left: 477.450 $\pm$ 0.097 χ^2 /NDF: 516899.6/15

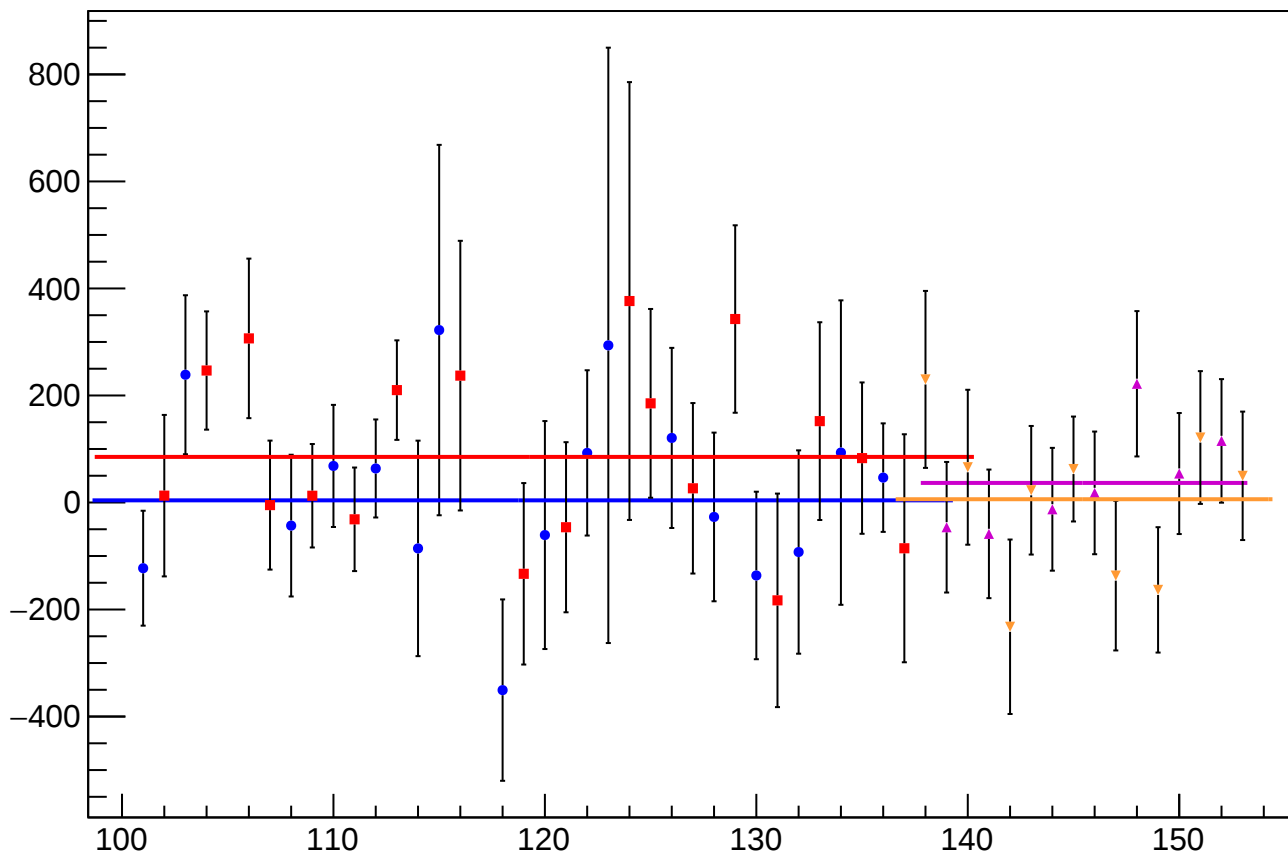
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 554.274 $\pm$ 0.116 χ^2 /NDF: 1914937.3/23

Out: 556.074 $\pm$ 0.111 χ^2 /NDF: 2287547.7/26

All: 555.210 $\pm$ 0.080 χ^2 /NDF: 4202610.7/50

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: 6.102 ± 42.502 $\chi^2/\text{NDF}: 8.6/8$

Right Out: 85.205 ± 33.413 $\chi^2/\text{NDF}: 17.4/17$

Left In: 36.583 ± 44.905 $\chi^2/\text{NDF}: 3.6/6$

Left: 20.505 ± 30.868 $\chi^2/\text{NDF}: 12.5/15$

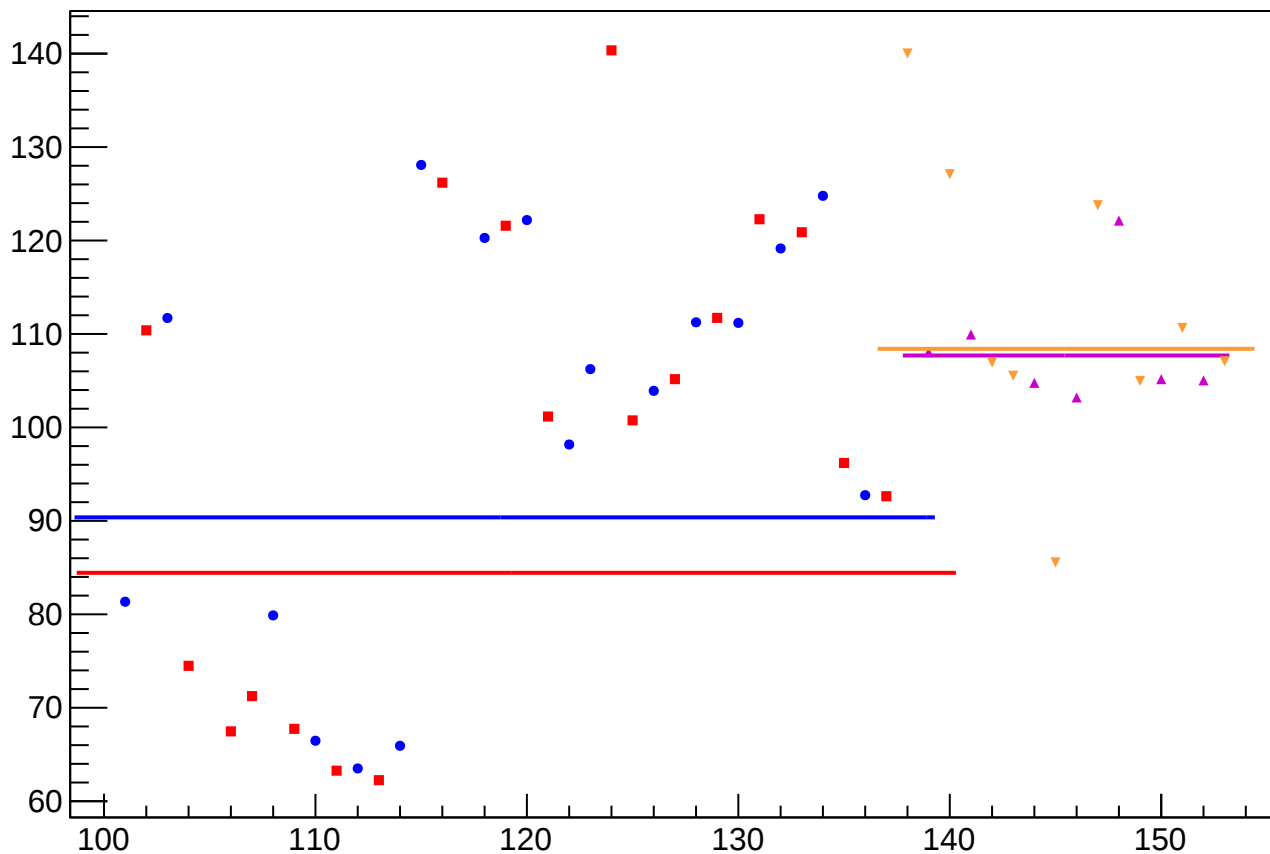
Right: 47.574 ± 24.474 $\chi^2/\text{NDF}: 32.8/34$

In: 16.733 ± 28.064 $\chi^2/\text{NDF}: 16.7/23$

Out: 54.991 ± 26.268 $\chi^2/\text{NDF}: 28.1/26$

All: 37.126 ± 19.178 $\chi^2/\text{NDF}: 45.8/50$

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.412+/-0.030 χ^2/NDF : 243156.3/8

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 107.696+/-0.032 χ^2/NDF : 29745.1/6

Left: 108.074+/-0.022 χ^2/NDF : 273169.4/15

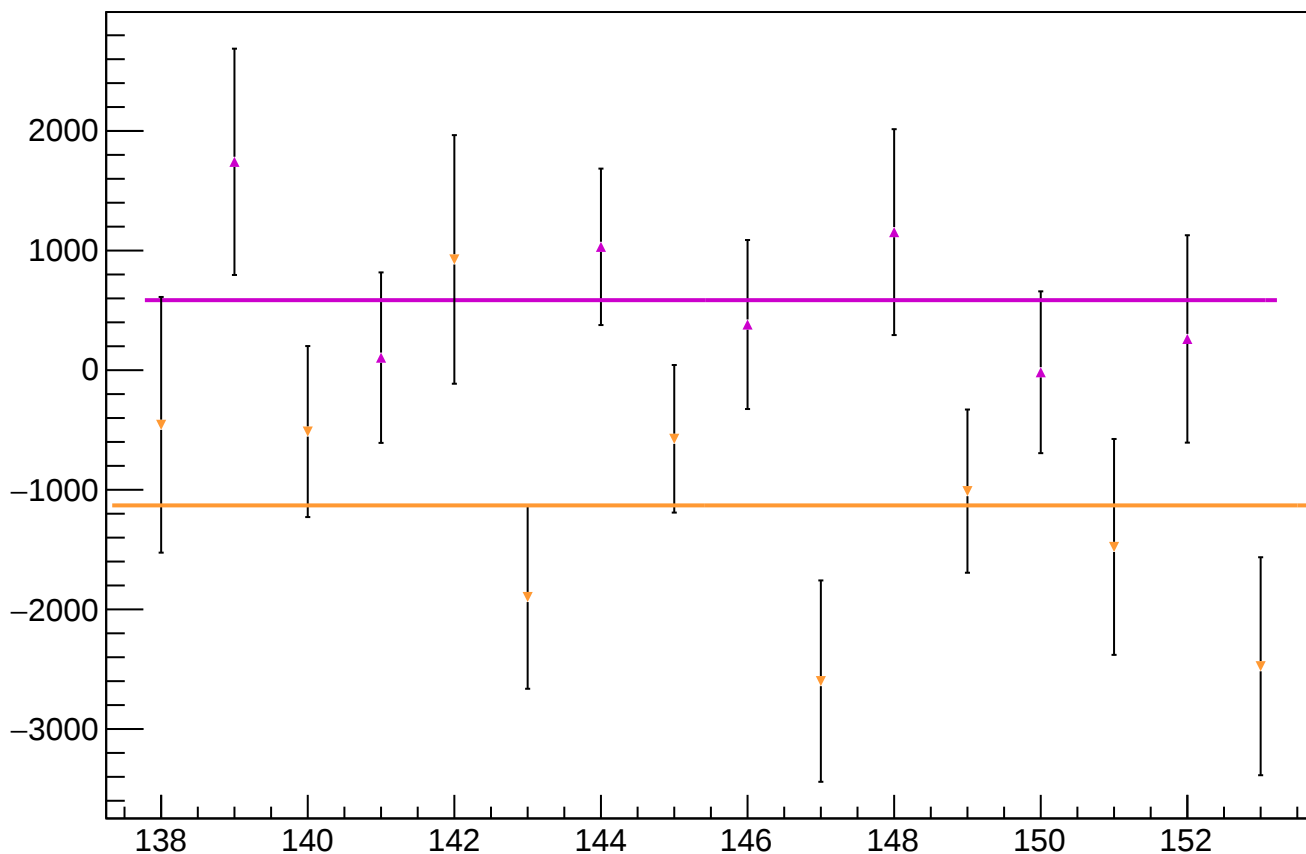
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 97.141+/-0.020 χ^2/NDF : 865234.7/23

Out: 93.598+/-0.019 χ^2/NDF : 1507151.6/26

All: 95.252+/-0.014 χ^2/NDF : 2389377.6/50

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 585.371+/-285.203 χ^2/NDF :3.9/6

Left: -330.526+/-194.738 χ^2/NDF : 35.5/15

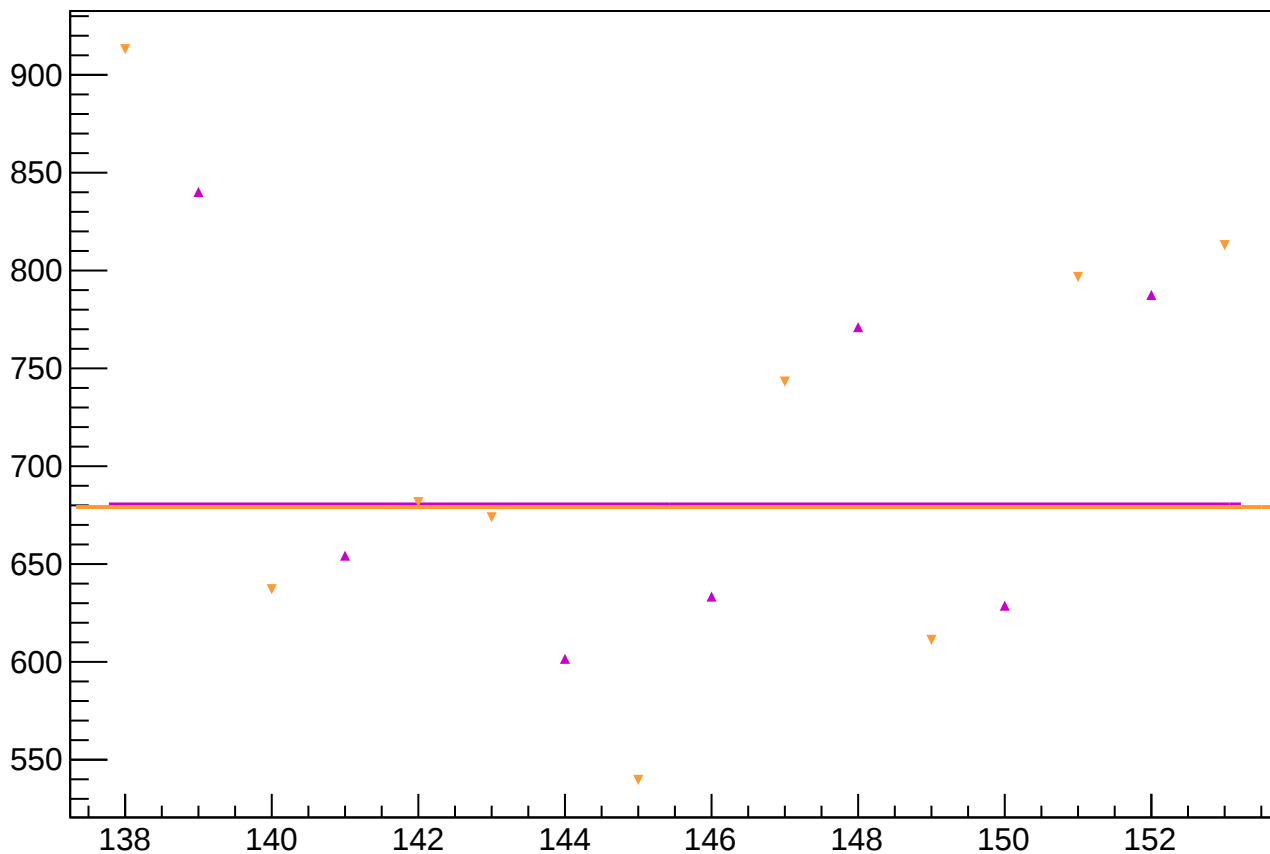
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 585.371+/-285.203 χ^2/NDF :3.9/6

Out: -1130.500+/-266.544 χ^2/NDF :12.3/8

All: -330.526+/-194.738 χ^2/NDF : 35.5/15

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Left: 679.745+/-0.138 χ^2/NDF : 475676.5/15

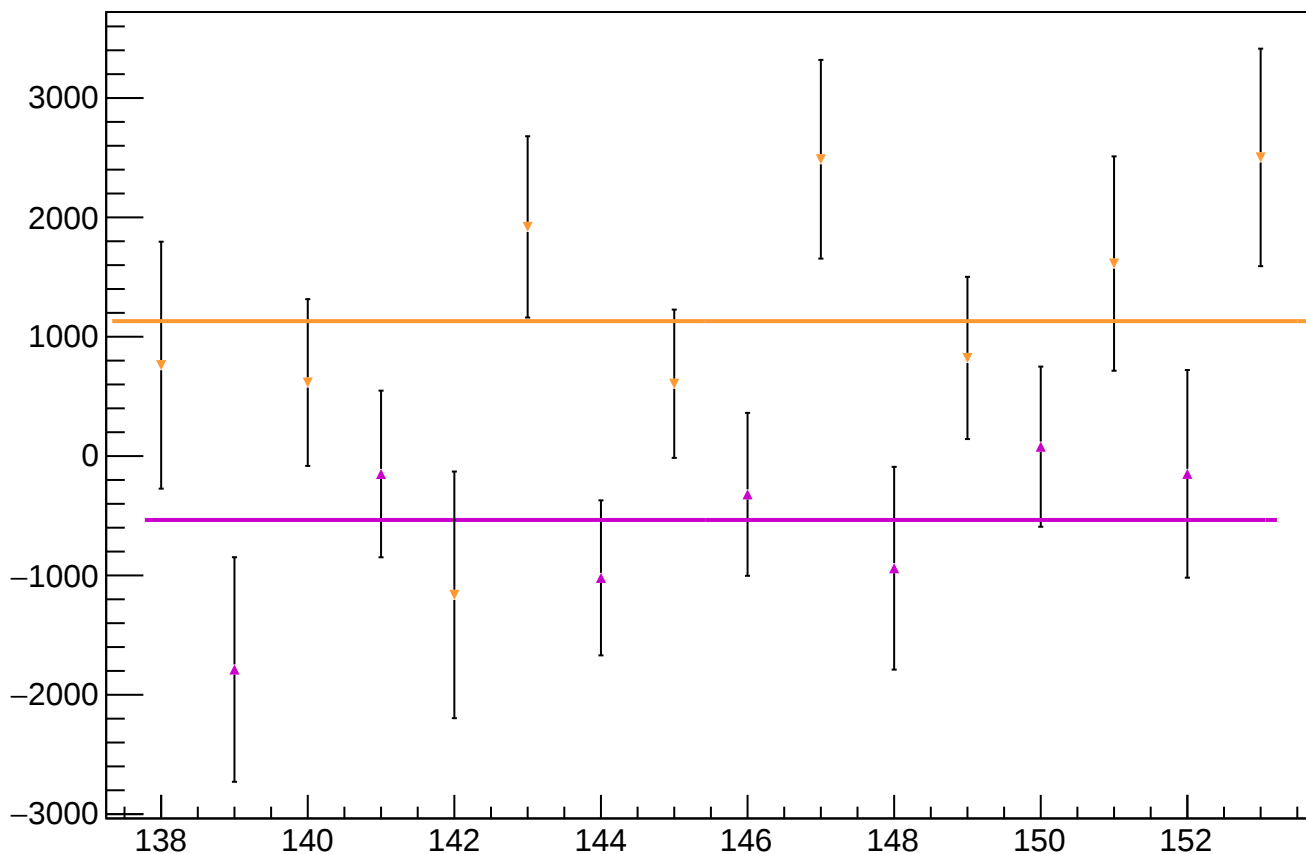
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 680.451+/-0.202 χ^2/NDF :162052.4/6

Out: 679.129+/-0.188 χ^2/NDF :313601.2/8

All: 679.745+/-0.138 χ^2/NDF : 475676.5/15

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -535.172+/-281.409 χ^2/NDF :4.0/6

Left: 349.504+/-192.716 χ^2/NDF : 35.4/15

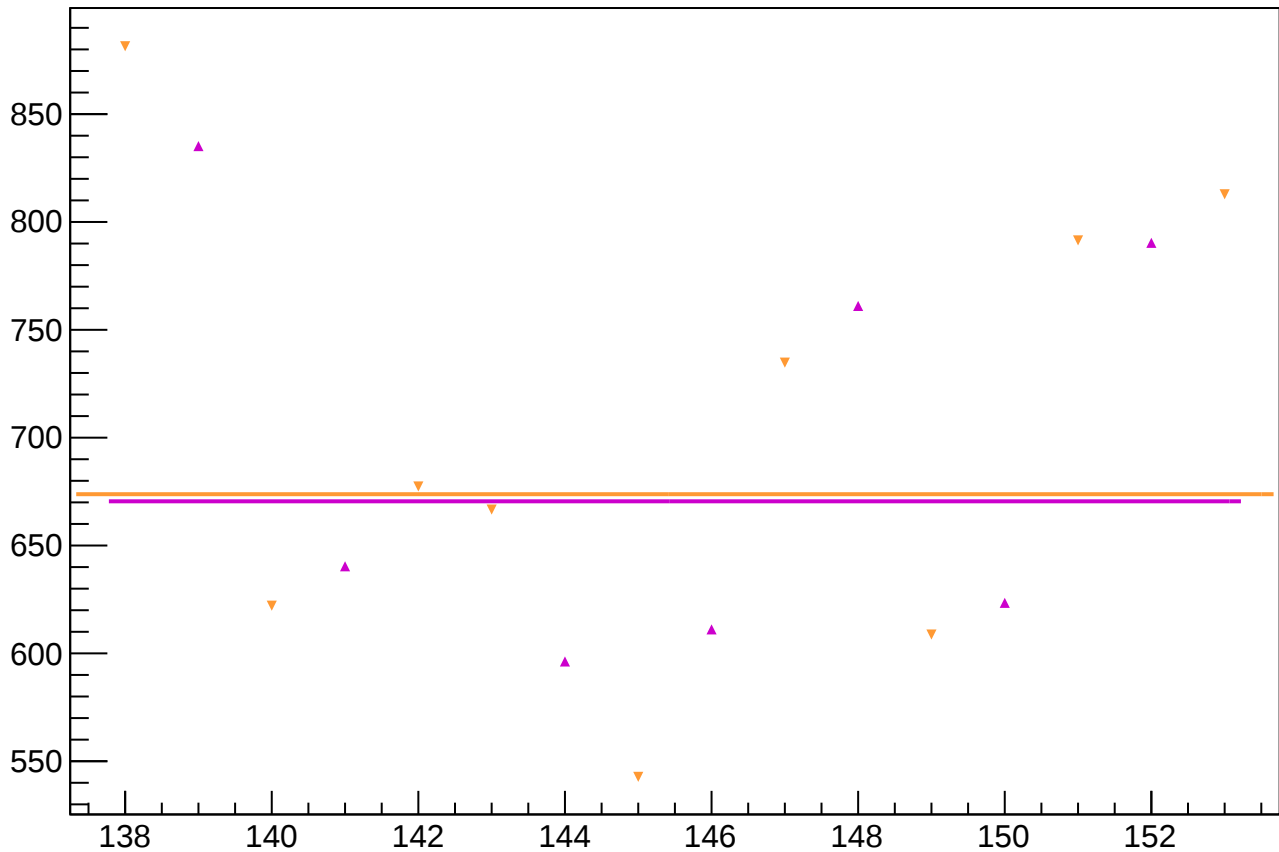
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -535.172+/-281.409 χ^2/NDF :4.0/6

Out: 1130.841+/-264.463 χ^2/NDF :12.8/8

All: 349.504+/-192.716 χ^2/NDF : 35.4/15

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Left: 672.246+/-0.136 χ^2/NDF : 467665.9/15

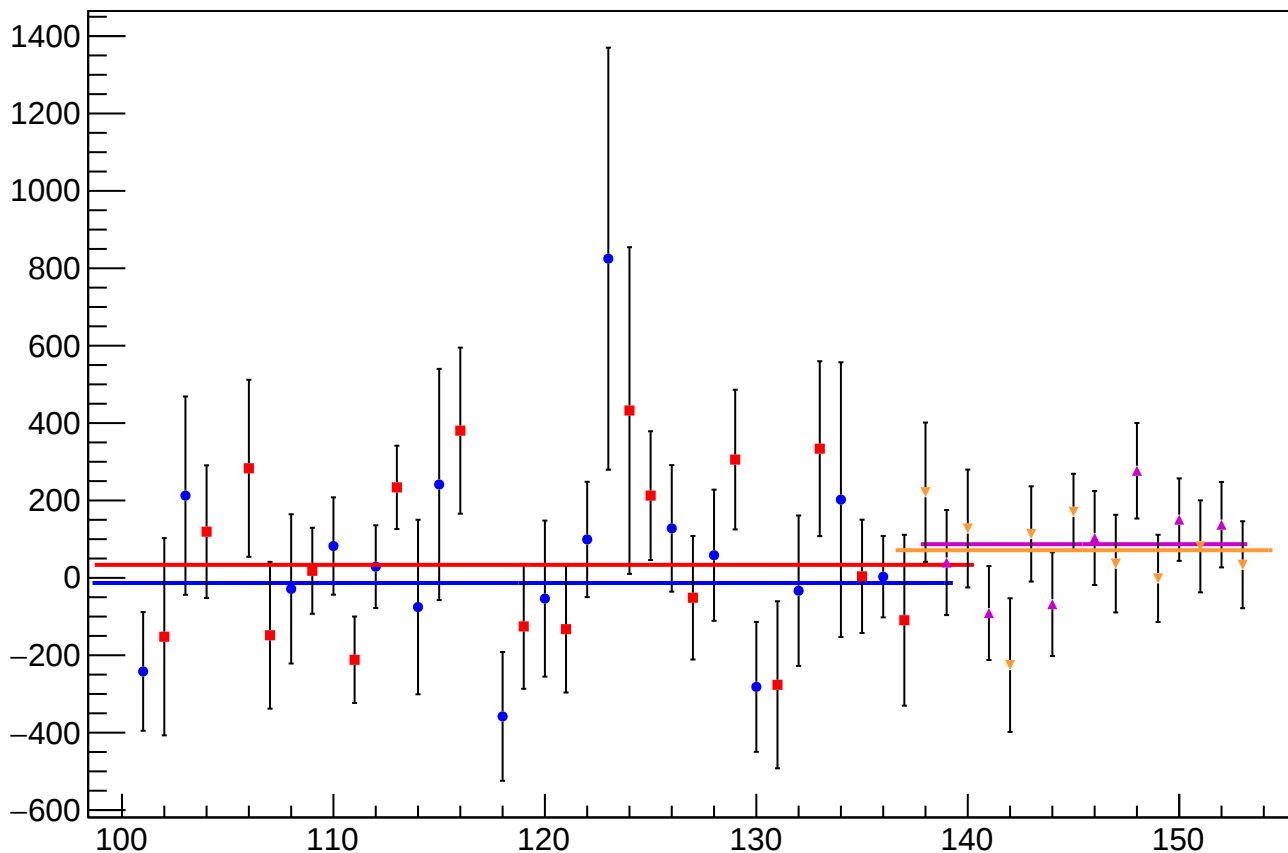
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 670.495+/-0.199 χ^2/NDF :176791.4/6

Out: 673.792+/-0.187 χ^2/NDF :290728.8/8

All: 672.246+/-0.136 χ^2/NDF : 467665.9/15

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: 71.388 ± 41.939 $\chi^2/\text{NDF}: 5.5/8$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 87.008 ± 45.580 $\chi^2/\text{NDF}: 6.6/6$

Left: 78.549 ± 30.862 $\chi^2/\text{NDF}: 12.2/15$

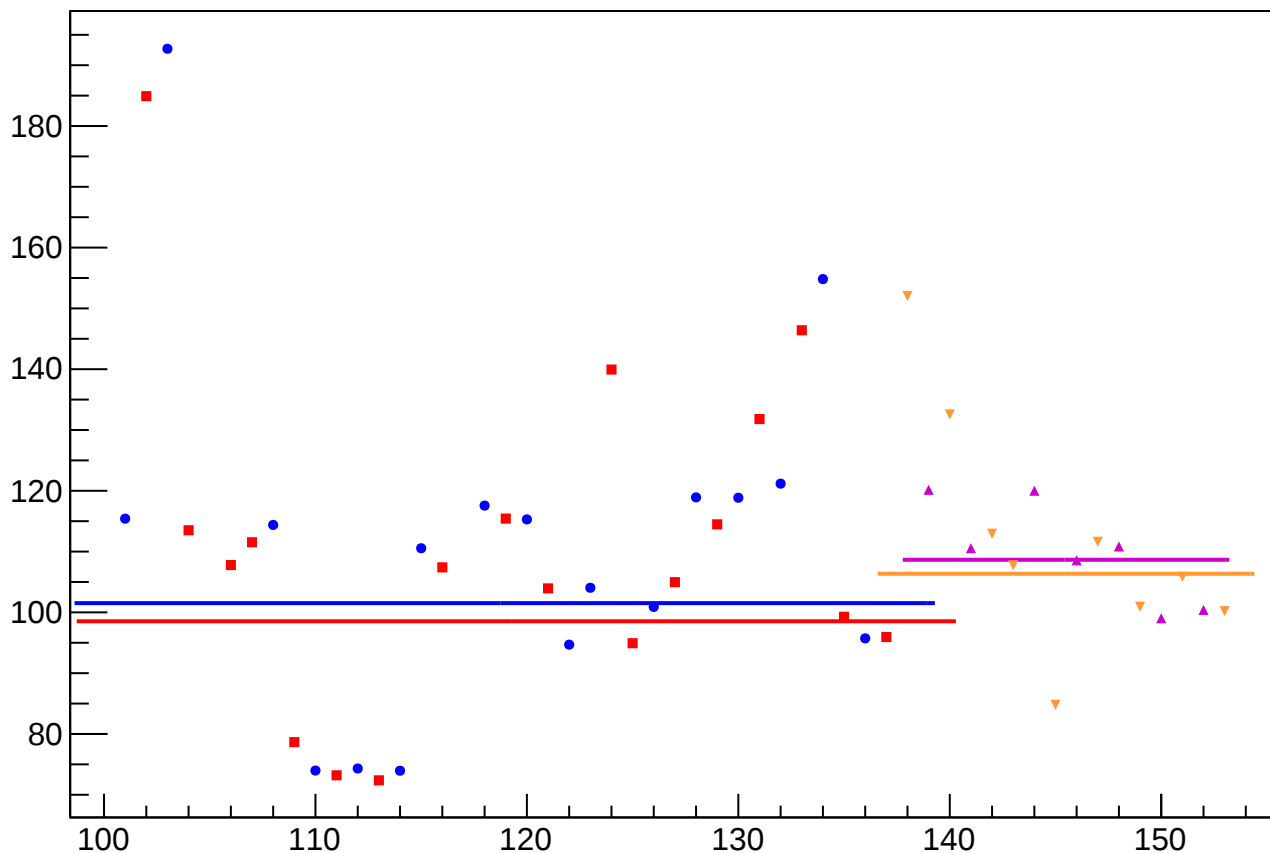
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 31.068 ± 30.298 $\chi^2/\text{NDF}: 24.9/23$

Out: 51.091 ± 28.517 $\chi^2/\text{NDF}: 30.7/26$

All: 41.685 ± 20.765 $\chi^2/\text{NDF}: 55.8/50$

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: 106.356 $\pm$ 0.030 χ^2 /NDF:301585.2/8

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 108.654 $\pm$ 0.032 χ^2 /NDF:57311.4/6

Left: 107.410 $\pm$ 0.022 χ^2 /NDF: 361651.3/15

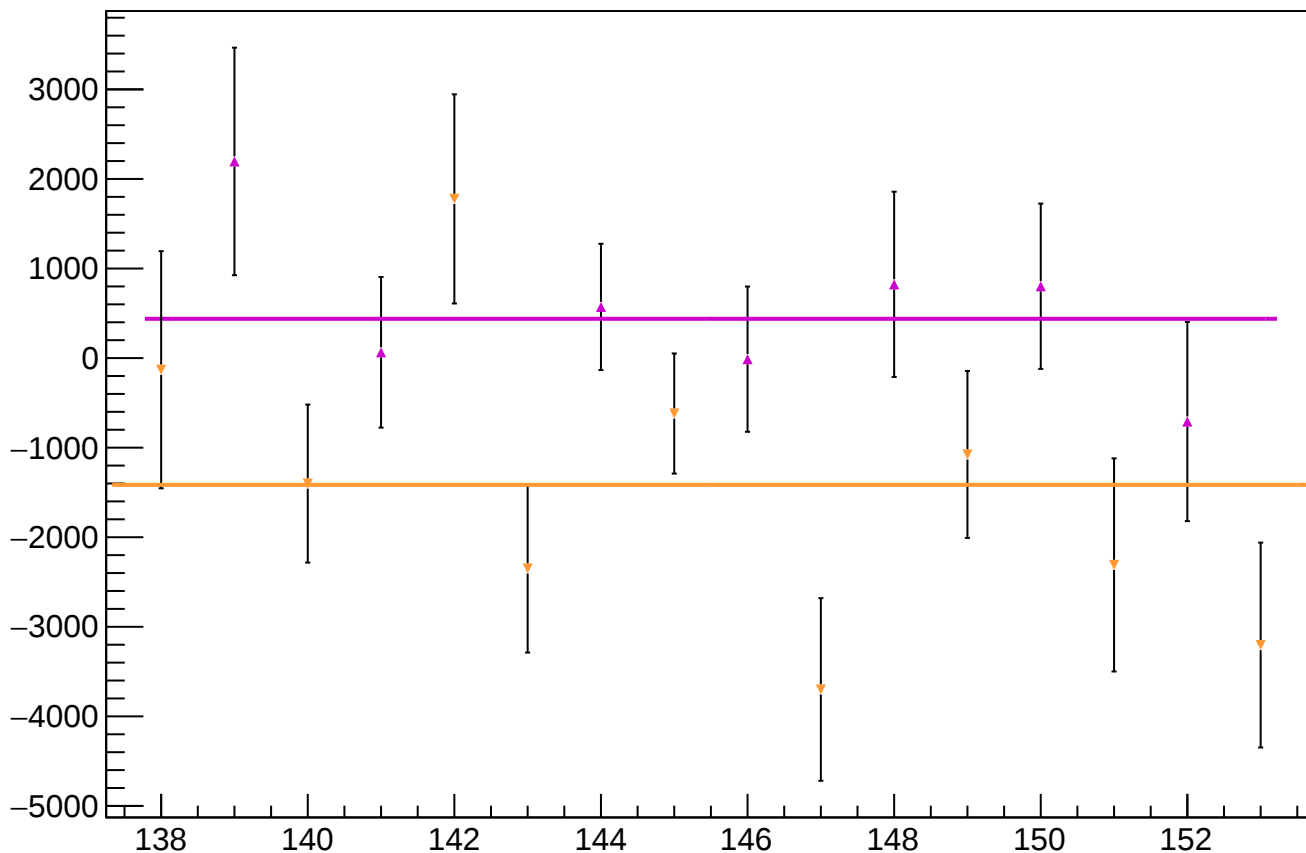
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.672 $\pm$ 0.021 χ^2 /NDF:766381.4/23

Out: 102.152 $\pm$ 0.020 χ^2 /NDF:1085942.4/26

All: 103.335 $\pm$ 0.015 χ^2 /NDF: 1859660.7/50

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 438.706+/-343.265 χ^2/NDF :3.8/6

Left: -541.927+/-235.592 χ^2/NDF : 38.2/15

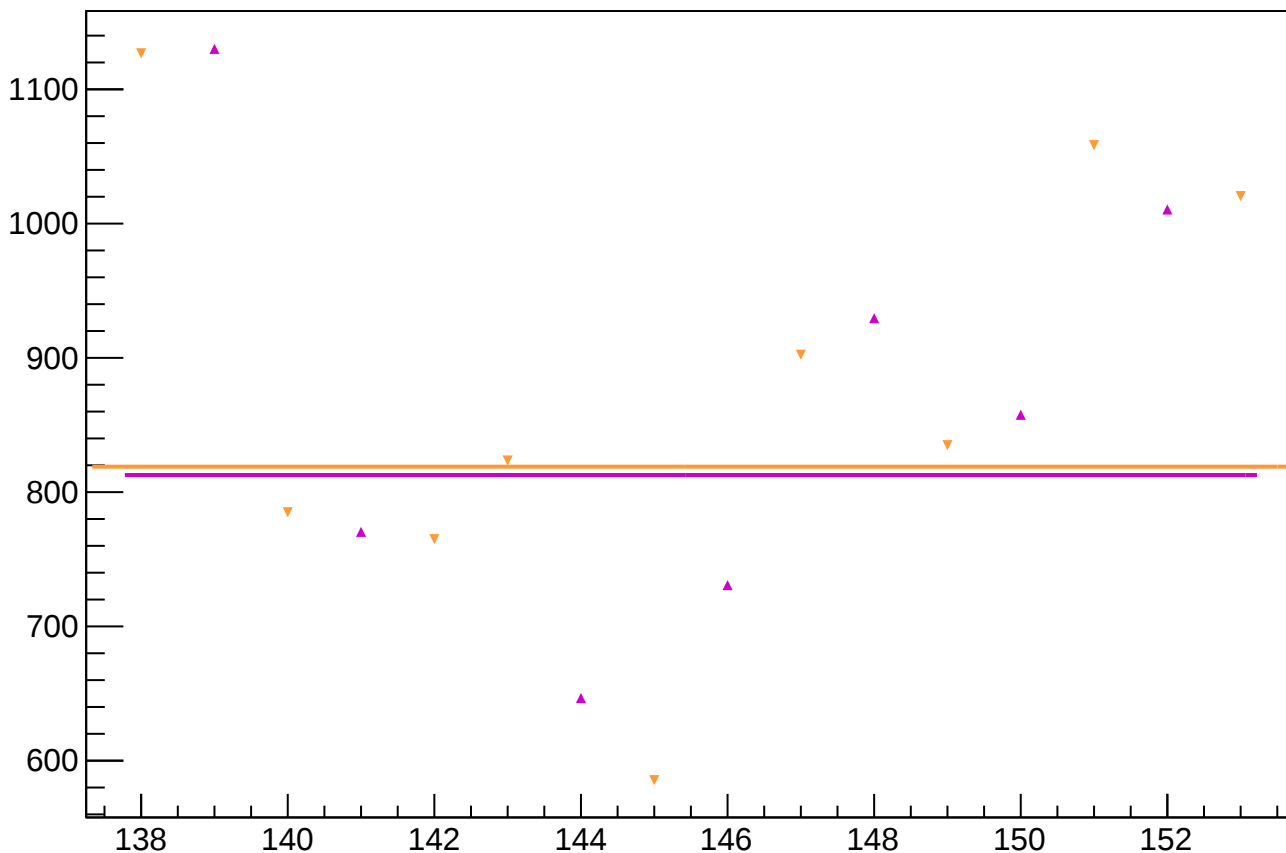
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 438.706+/-343.265 χ^2/NDF :3.8/6

Out: -1415.199+/-323.930 χ^2/NDF :19.0/8

All: -541.927+/-235.592 χ^2/NDF : 38.2/15

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 812.756+/-0.243 χ^2/NDF :354855.1/6

Left: 816.052+/-0.167 χ^2/NDF : 870182.0/15

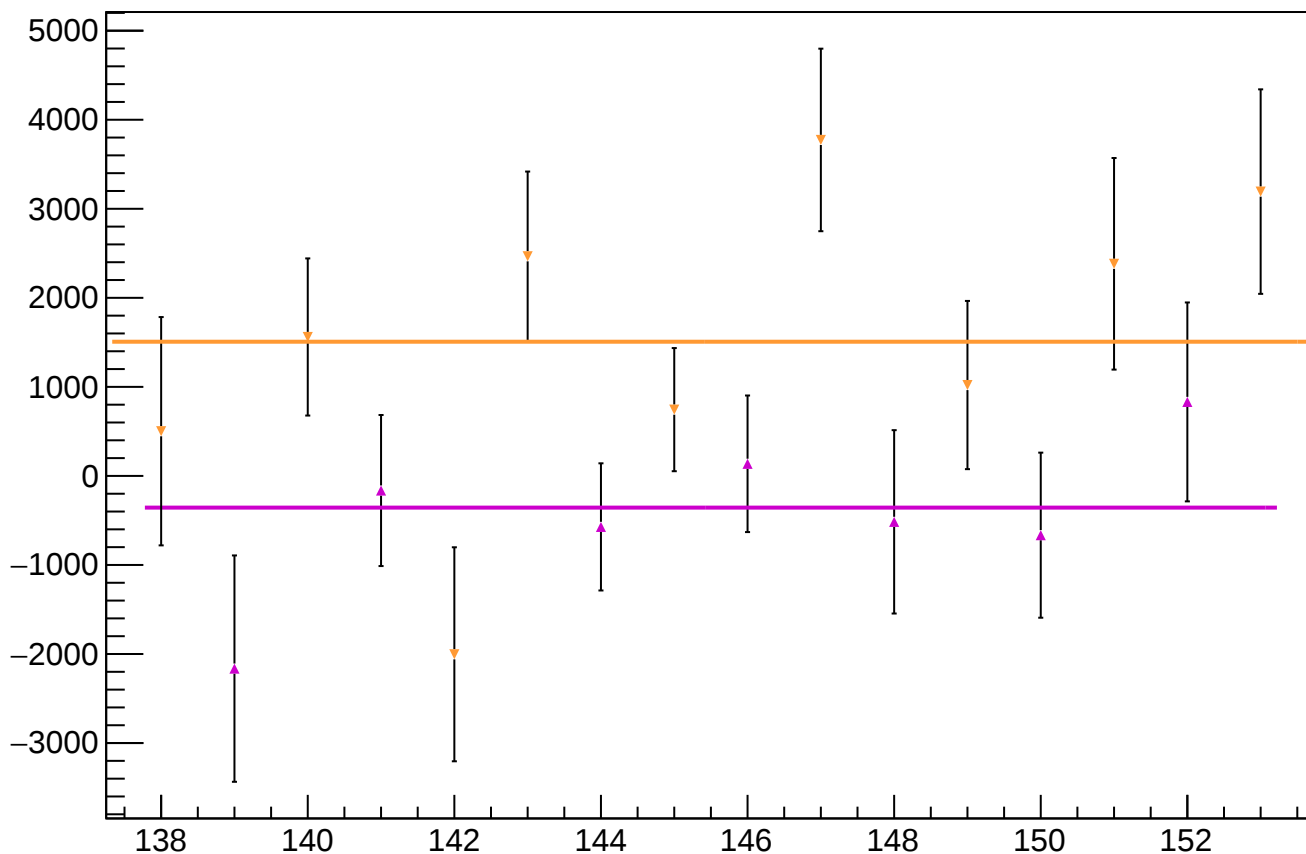
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 812.756+/-0.243 χ^2/NDF :354855.1/6

Out: 818.988+/-0.229 χ^2/NDF :514978.2/8

All: 816.052+/-0.167 χ^2/NDF : 870182.0/15

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -355.937+/-341.413 χ^2/NDF :3.8/6

Left: 614.181+/-236.366 χ^2/NDF : 38.6/15

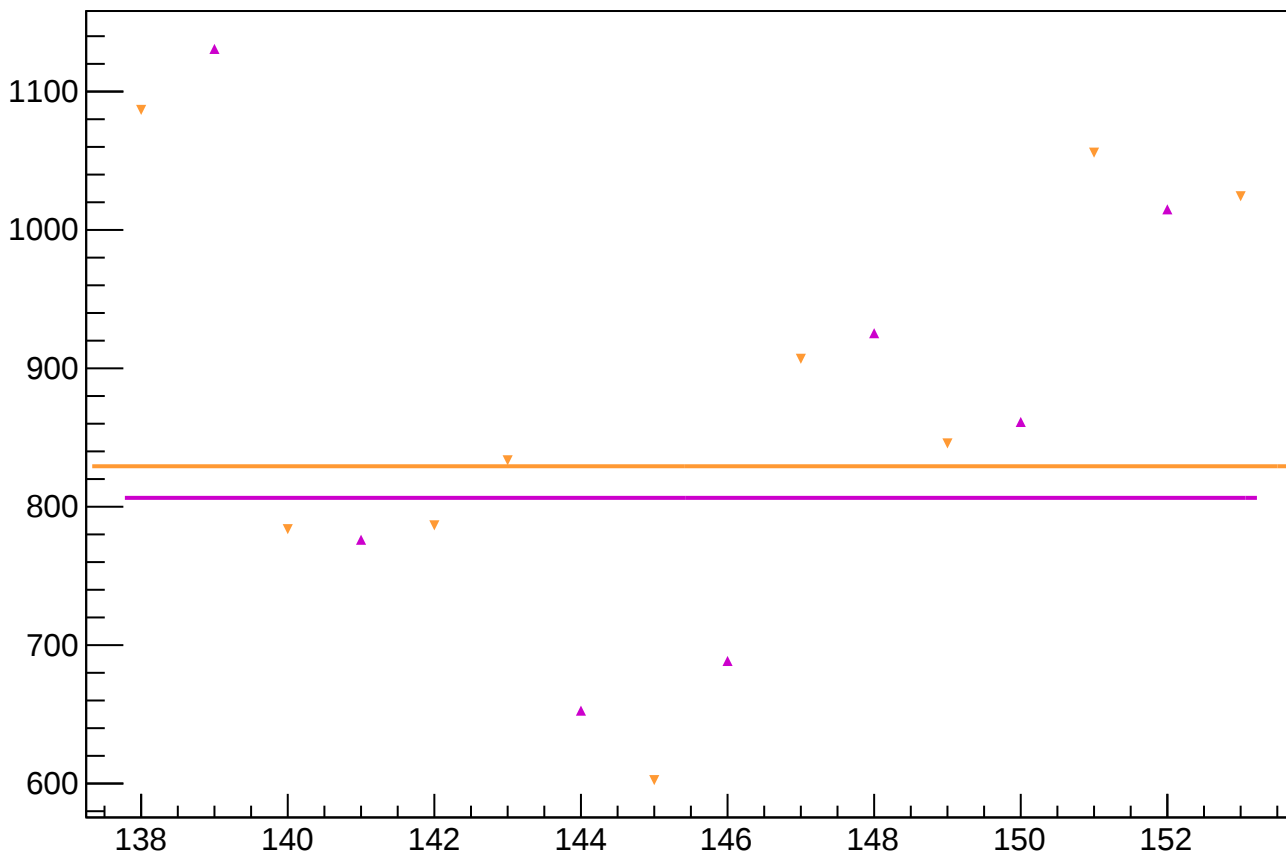
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -355.937+/-341.413 χ^2/NDF :3.8/6

Out: 1507.173+/-327.560 χ^2/NDF :19.2/8

All: 614.181+/-236.366 χ^2/NDF : 38.6/15

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Left: 818.305+/-0.167 χ^2/NDF : 827038.4/15

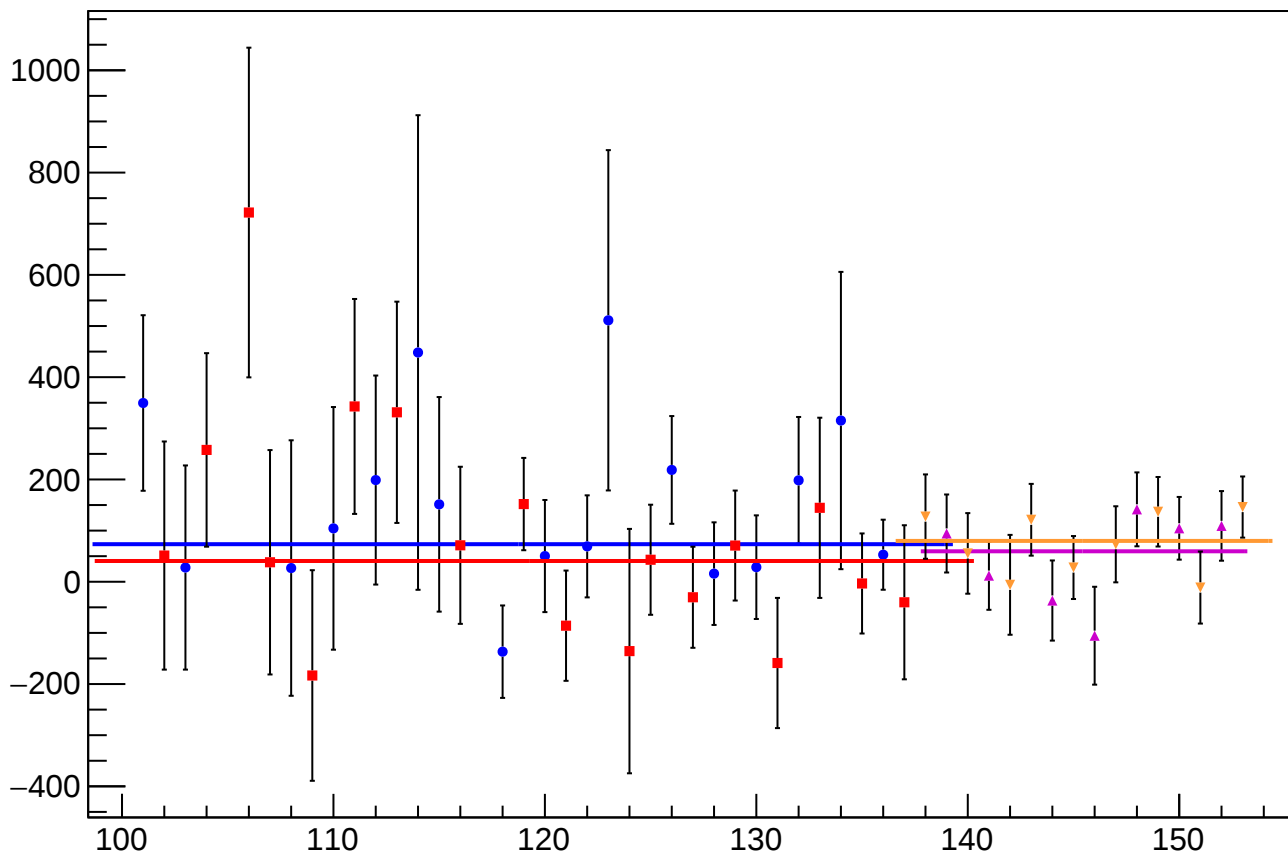
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 806.414+/-0.241 χ^2/NDF :376152.6/6

Out: 829.251+/-0.232 χ^2/NDF :446226.4/8

All: 818.305+/-0.167 χ^2/NDF : 827038.4/15

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: 79.844 $\pm$ 23.844 χ^2 /NDF: 5.9/8

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 59.555 $\pm$ 27.301 χ^2 /NDF: 7.6/6

Left: 71.064 $\pm$ 17.959 χ^2 /NDF: 13.8/15

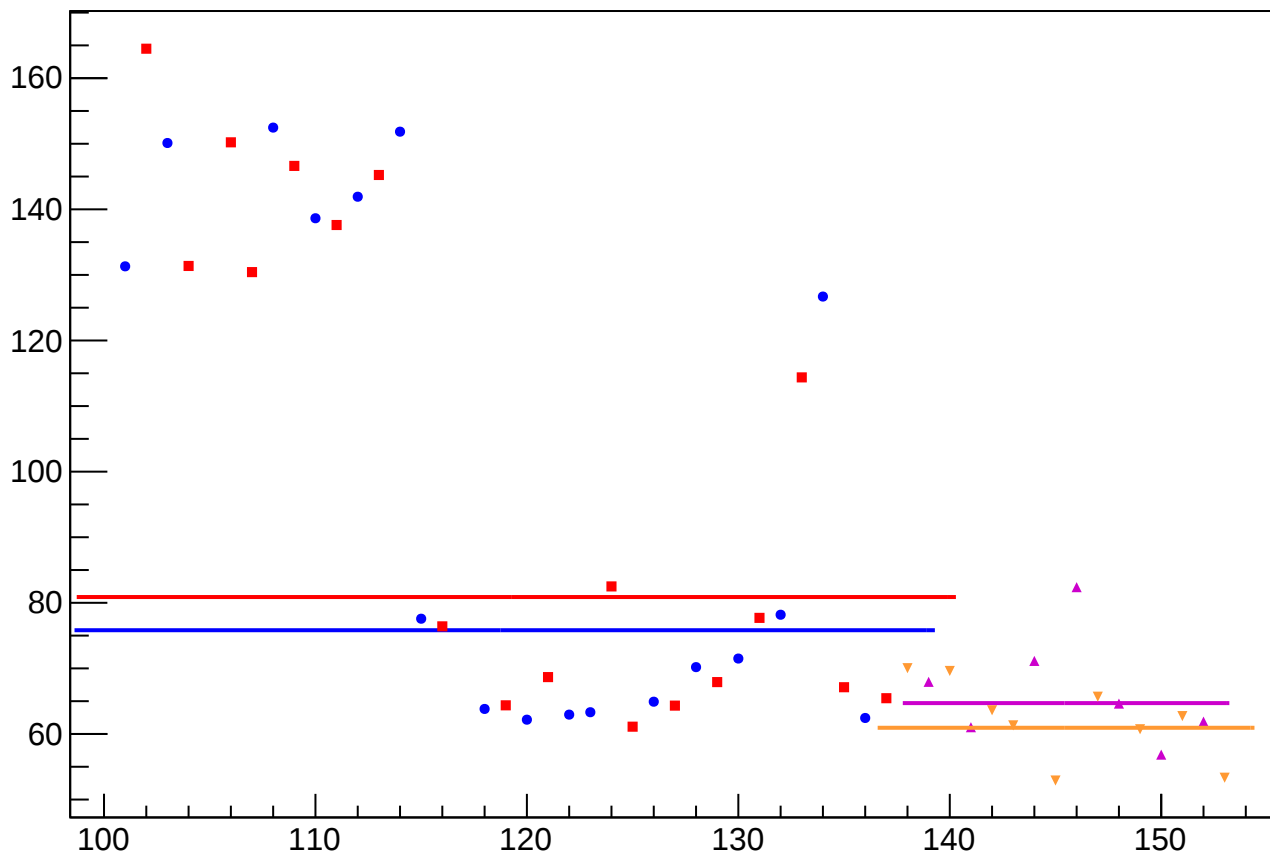
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 65.610 $\pm$ 20.506 χ^2 /NDF: 22.9/23

Out: 66.243 $\pm$ 19.275 χ^2 /NDF: 25.0/26

All: 65.946 $\pm$ 14.045 χ^2 /NDF: 48.0/50

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: 60.946 $\pm$ 0.017 χ^2/NDF : 126025.4/8

Right Out: 80.881 $\pm$ 0.023 χ^2/NDF : 1526044.5/17

Left In: 64.707 $\pm$ 0.019 χ^2/NDF : 127728.5/6

Left: 62.573 $\pm$ 0.013 χ^2/NDF : 275289.0/15

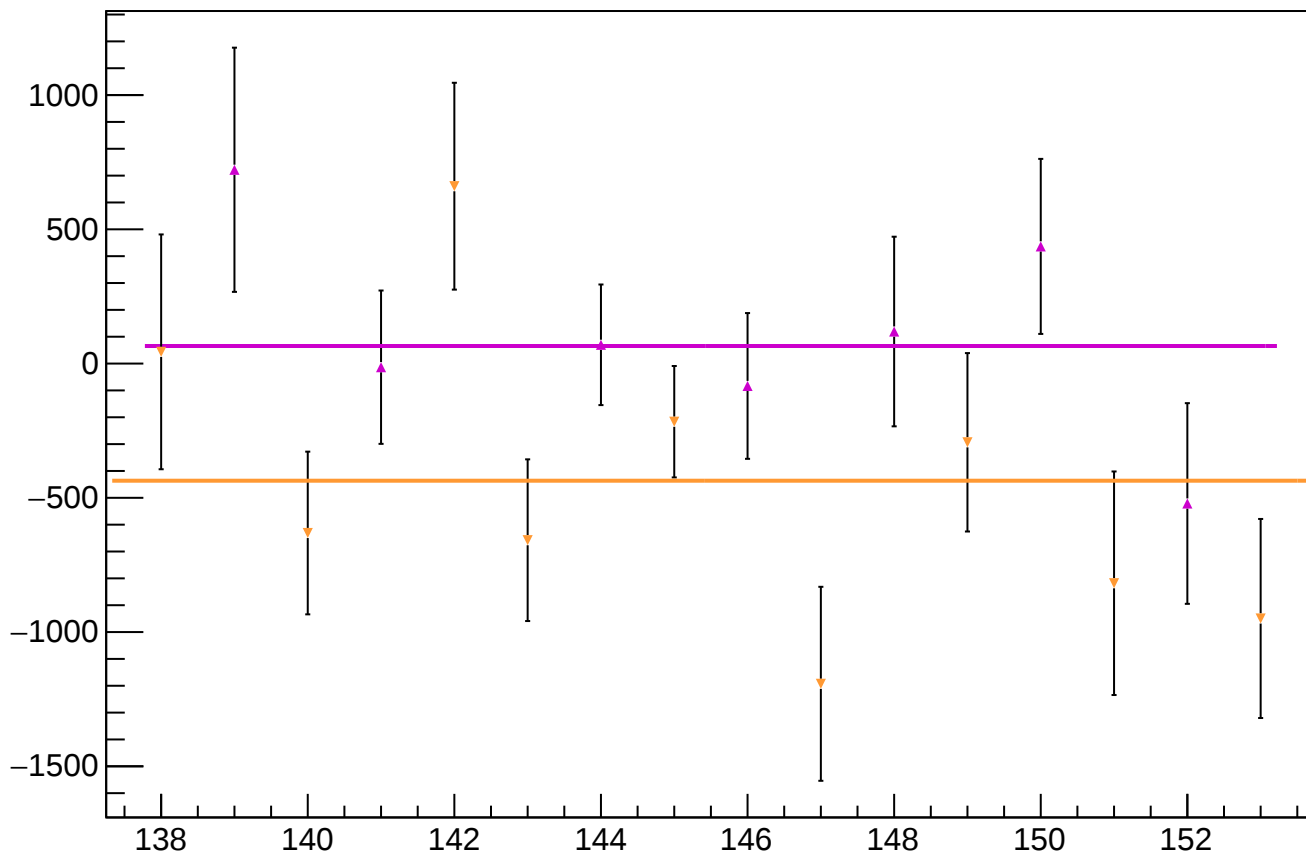
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 69.550 $\pm$ 0.014 χ^2/NDF : 1622122.1/23

Out: 67.854 $\pm$ 0.014 χ^2/NDF : 2136515.9/26

All: 68.650 $\pm$ 0.010 χ^2/NDF : 3765908.3/50

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -436.278+/-107.287 χ^2/NDF :18.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 65.417+/-115.402 χ^2/NDF :6.2/6

Left: -203.689+/-78.576 χ^2/NDF : 35.1/15

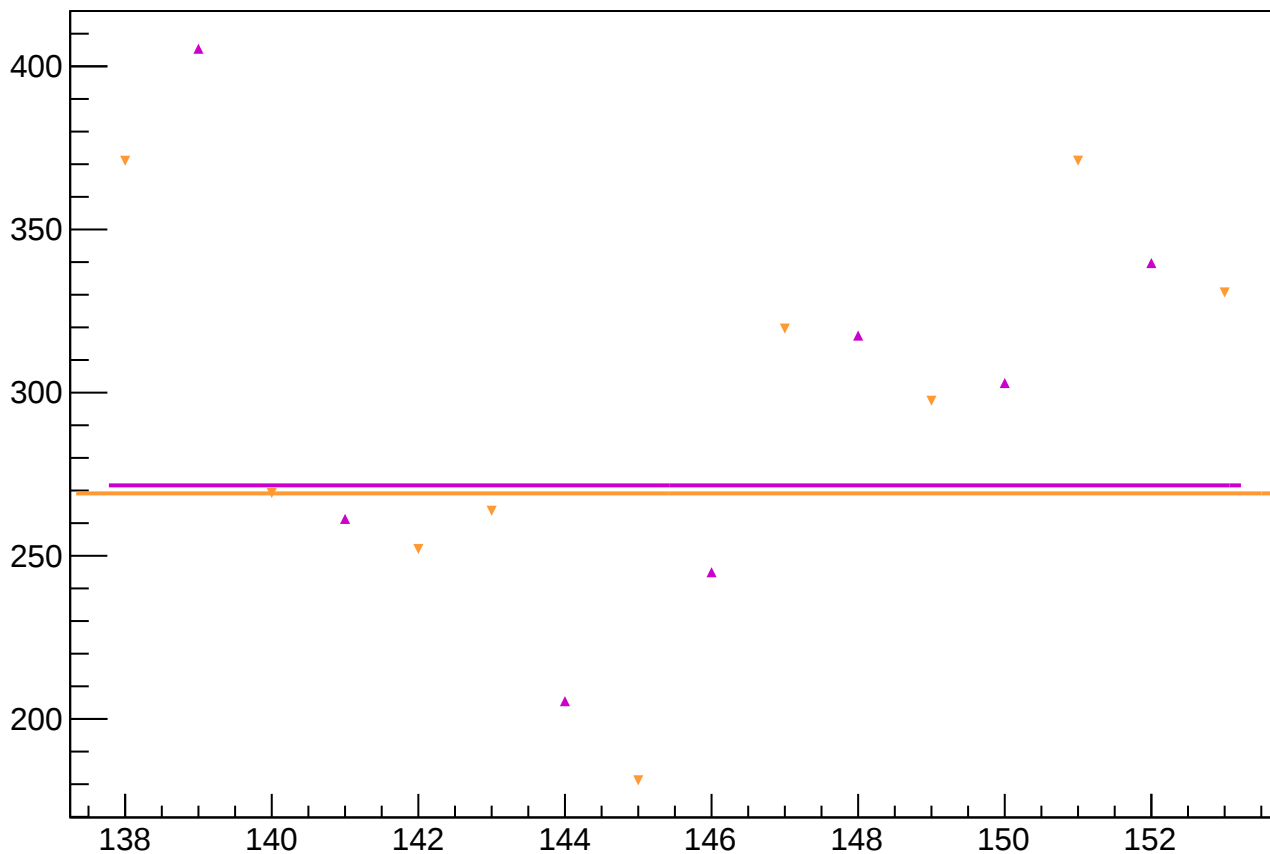
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 65.417+/-115.402 χ^2/NDF :6.2/6

Out: -436.278+/-107.287 χ^2/NDF :18.7/8

All: -203.689+/-78.576 χ^2/NDF : 35.1/15

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 269.118+/-0.076 χ^2/NDF :701114.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Left: 270.259+/-0.056 χ^2/NDF : 1188790.6/15

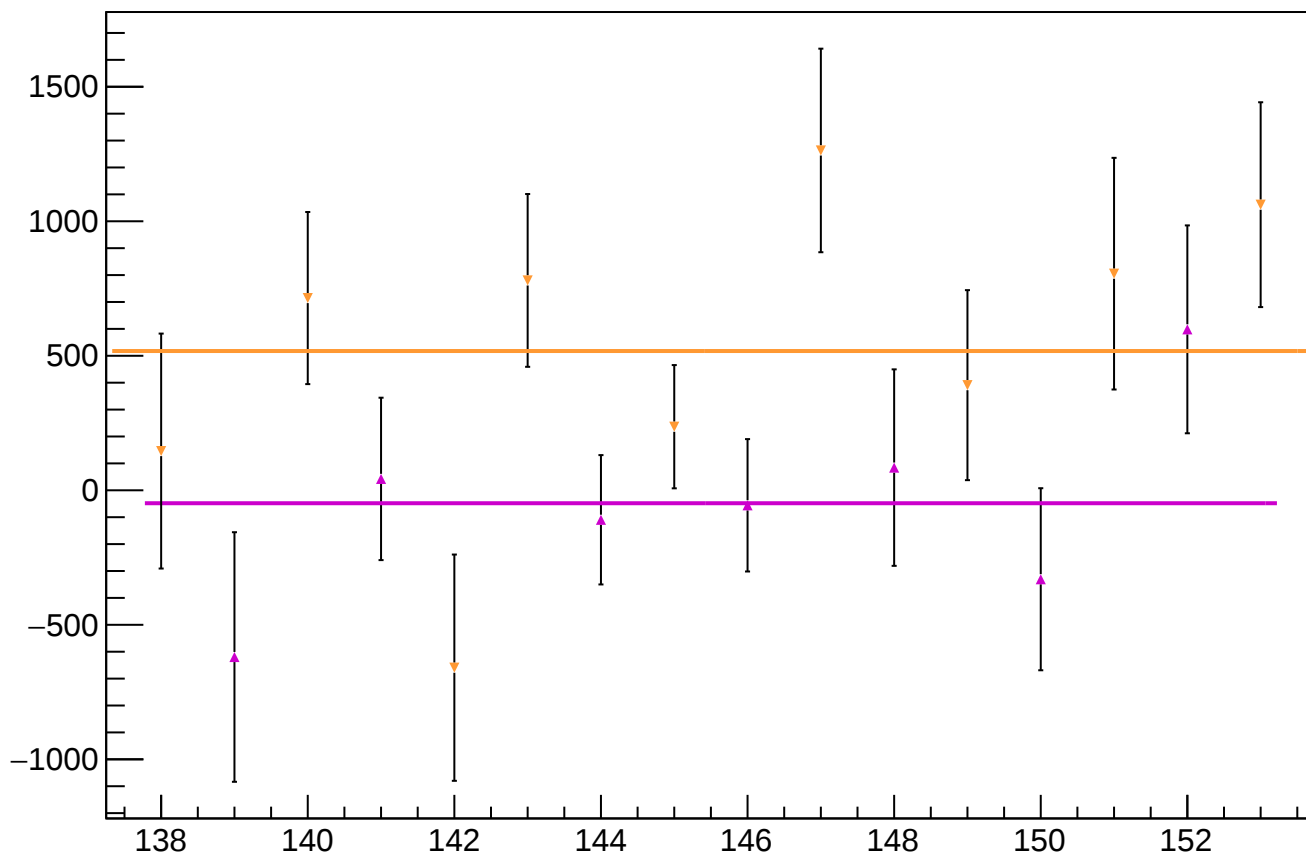
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 271.579+/-0.082 χ^2/NDF :487188.3/6

Out: 269.118+/-0.076 χ^2/NDF :701114.5/8

All: 270.259+/-0.056 χ^2/NDF : 1188790.6/15

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 517.687+/-114.167 χ^2/NDF :17.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -48.078+/-117.544 χ^2/NDF :5.3/6

Left: 243.048+/-81.896 χ^2/NDF : 34.8/15

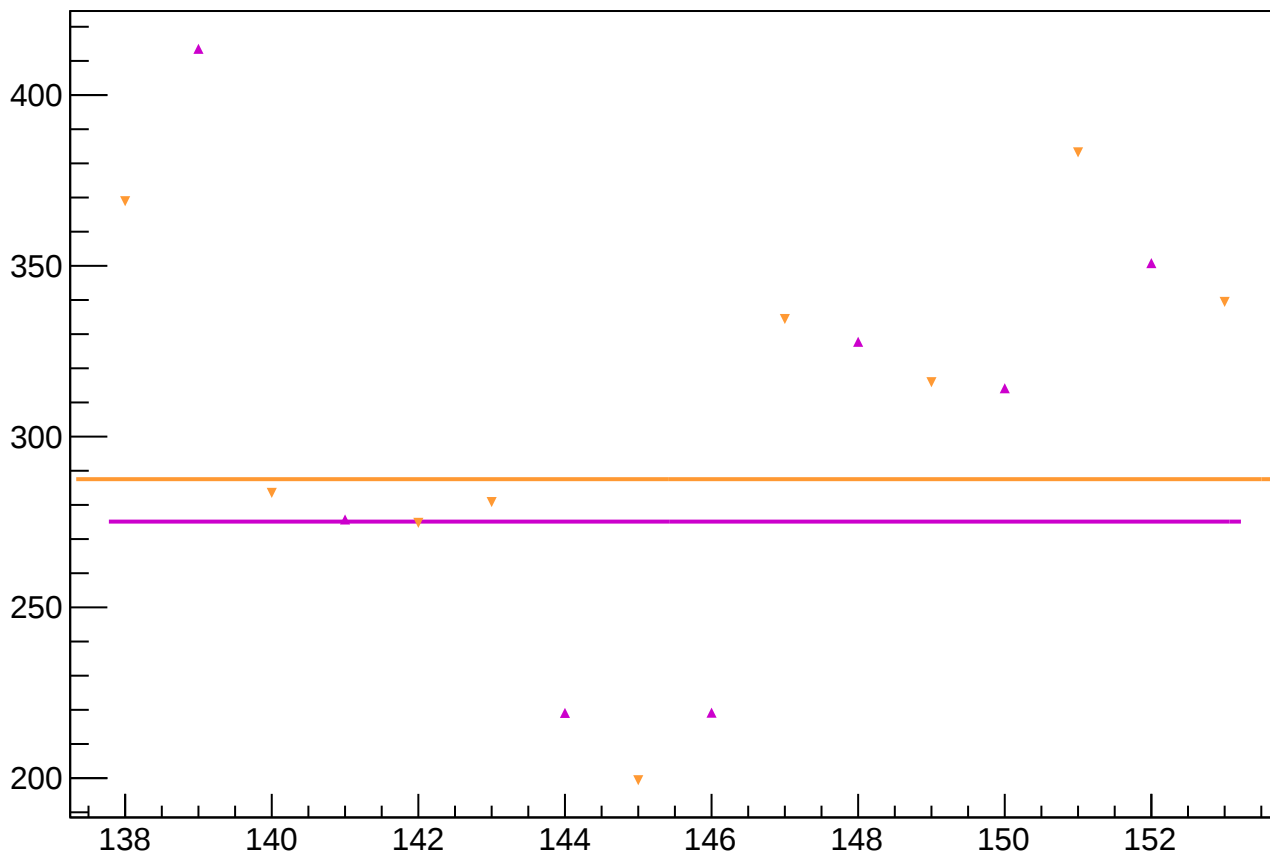
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -48.078+/-117.544 χ^2/NDF :5.3/6

Out: 517.687+/-114.167 χ^2/NDF :17.6/8

All: 243.048+/-81.896 χ^2/NDF : 34.8/15

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 287.538+/-0.081 χ^2/NDF :548247.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Left: 281.507+/-0.058 χ^2/NDF : 1094803.3/15

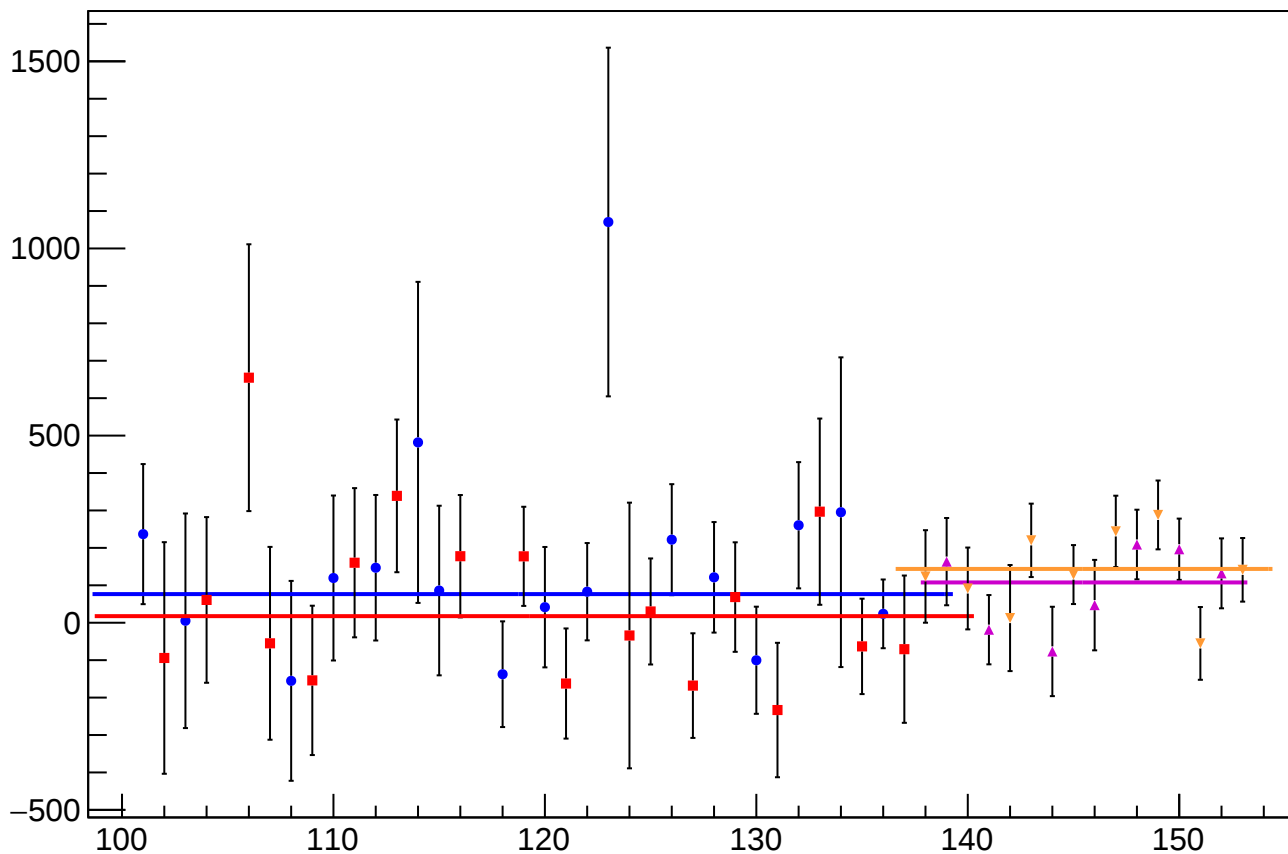
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 275.114+/-0.083 χ^2/NDF :535058.1/6

Out: 287.538+/-0.081 χ^2/NDF :548247.6/8

All: 281.507+/-0.058 χ^2/NDF : 1094803.3/15

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: 143.774 $\pm$ 32.674 χ^2 /NDF:9.5/8

Right Out: 17.605 $\pm$ 42.297 χ^2 /NDF: 16.8/17

Left In: 107.645 $\pm$ 37.576 χ^2 /NDF:7.2/6

Left: 128.219 $\pm$ 24.656 χ^2 /NDF: 17.2/15

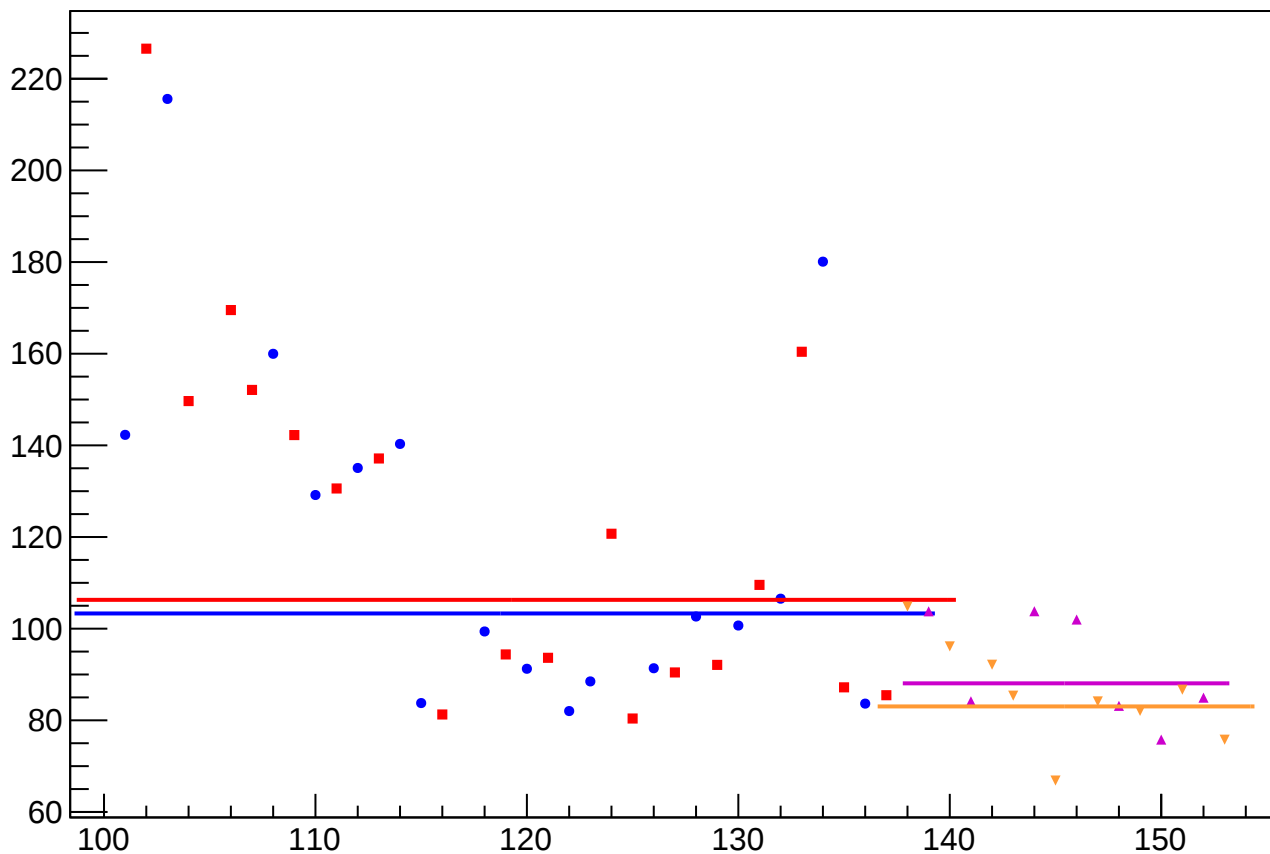
Right: 47.573 $\pm$ 29.644 χ^2 /NDF: 31.7/34

In: 93.637 $\pm$ 27.872 χ^2 /NDF:21.4/23

Out: 96.622 $\pm$ 25.857 χ^2 /NDF:31.9/26

All: 95.241 $\pm$ 18.956 χ^2 /NDF: 53.3/50

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: 83.030 $\pm$ 0.023 χ^2 /NDF: 202488.1/8

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 88.069 $\pm$ 0.027 χ^2 /NDF: 154017.5/6

Left: 85.200 $\pm$ 0.017 χ^2 /NDF: 376981.0/15

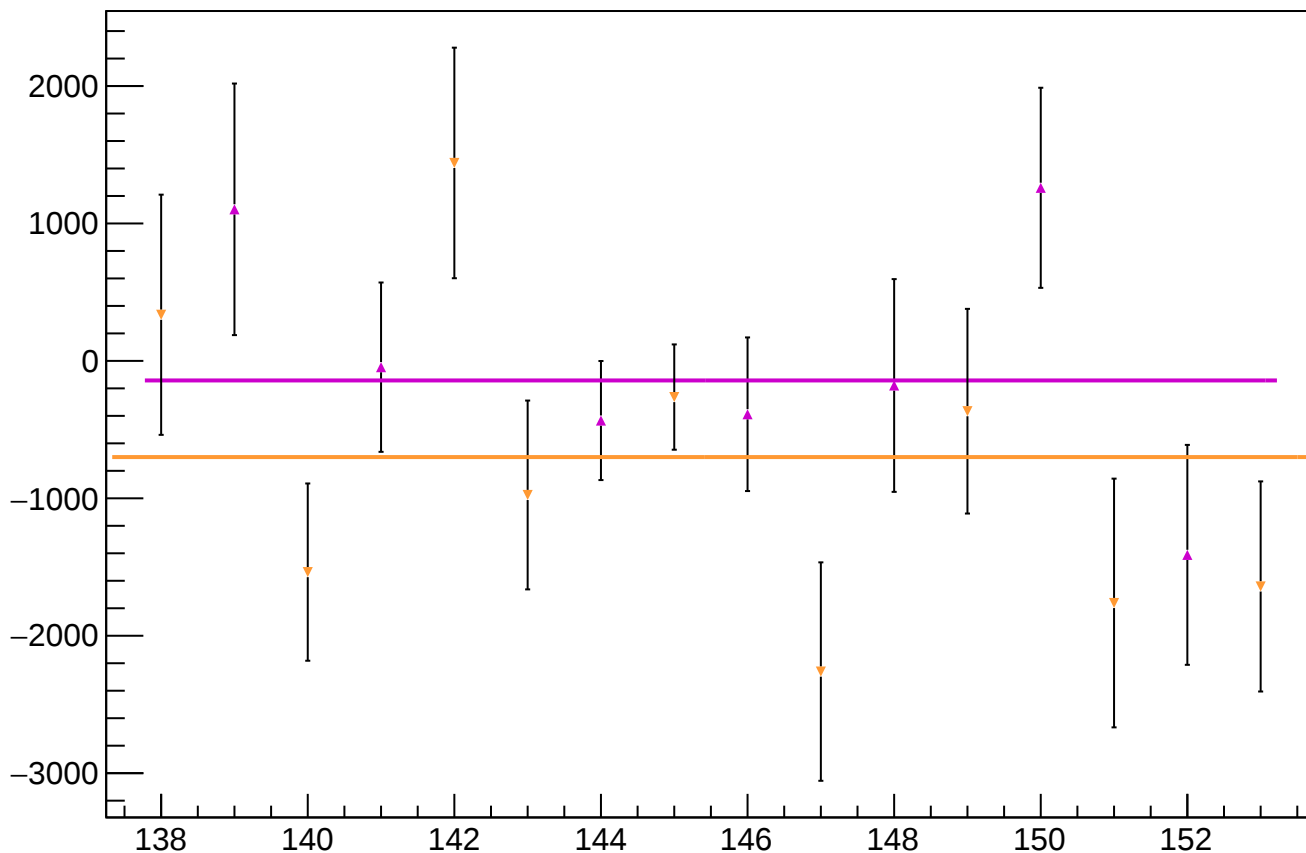
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 94.928 $\pm$ 0.020 χ^2 /NDF: 1139973.2/23

Out: 91.722 $\pm$ 0.018 χ^2 /NDF: 1581927.8/26

All: 93.205 $\pm$ 0.013 χ^2 /NDF: 2736118.6/50

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -699.881+/-221.480 χ^2/NDF :18.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -142.267+/-239.205 χ^2/NDF :8.7/6

Left: -442.497+/-162.515 χ^2/NDF : 29.7/15

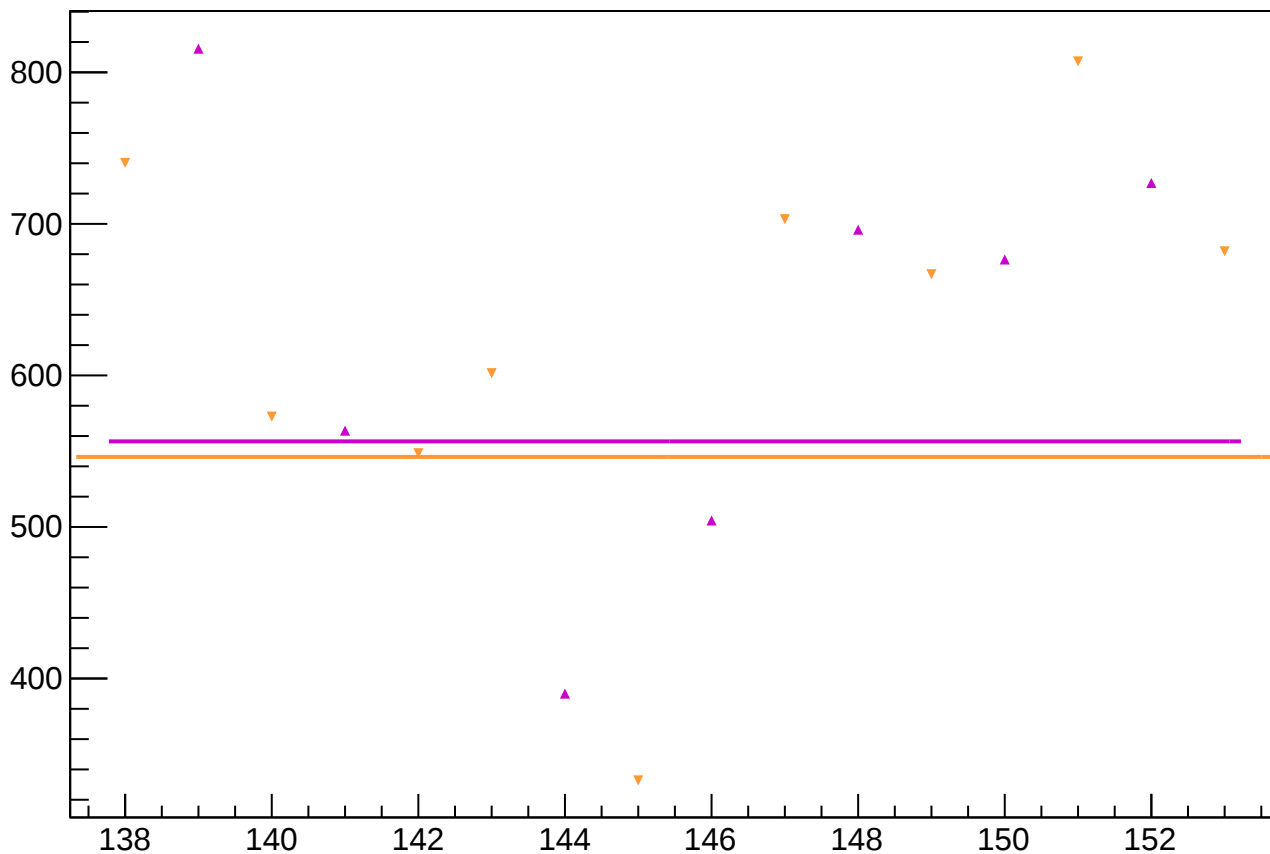
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -142.267+/-239.205 χ^2/NDF :8.7/6

Out: -699.881+/-221.480 χ^2/NDF :18.0/8

All: -442.497+/-162.515 χ^2/NDF : 29.7/15

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Left: 550.969+/-0.115 χ^2/NDF : 1780920.8/15

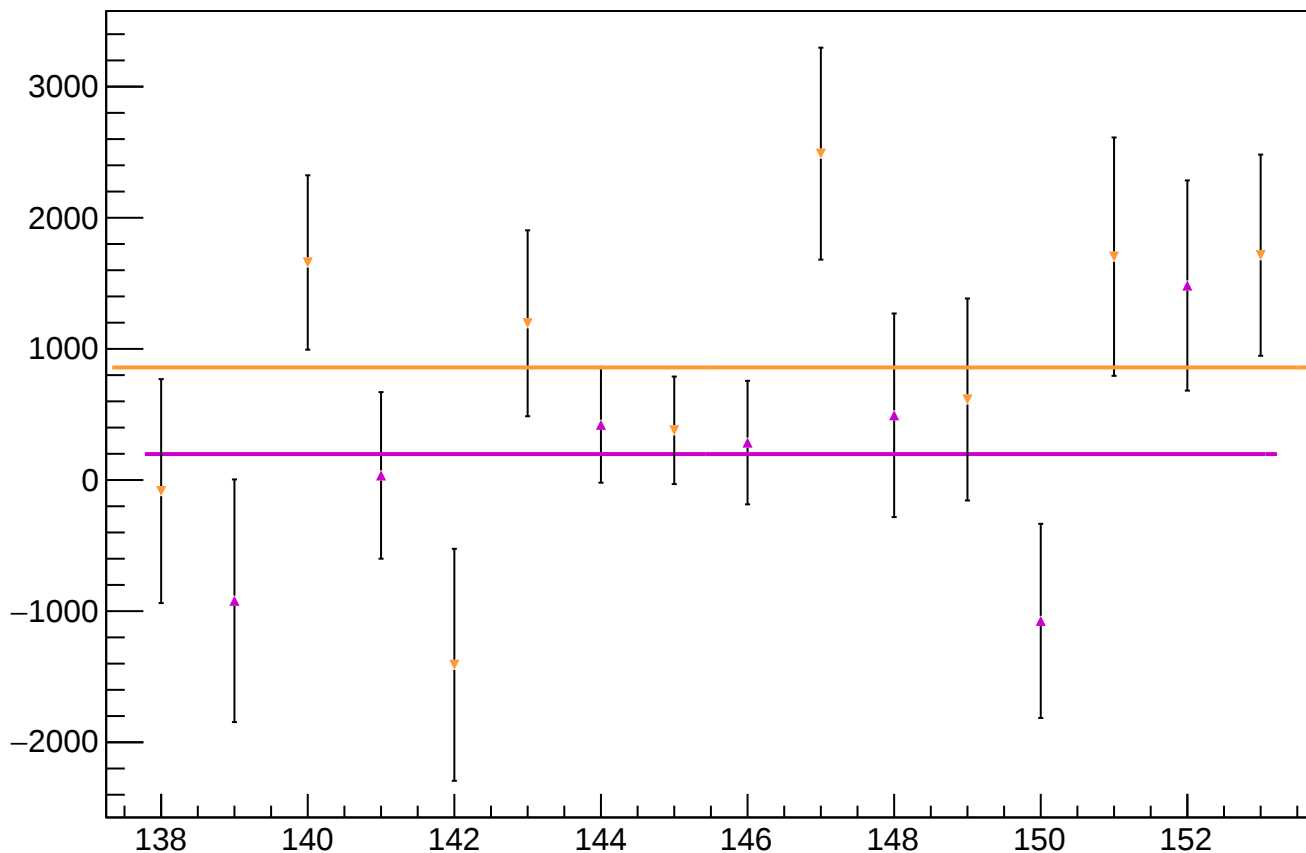
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 556.478+/-0.169 χ^2/NDF :683596.7/6

Out: 546.247+/-0.157 χ^2/NDF :1095354.0/8

All: 550.969+/-0.115 χ^2/NDF : 1780920.8/15

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 858.513+/-229.575 χ^2/NDF :17.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 197.966+/-233.647 χ^2/NDF :7.5/6

Left: 534.046+/-163.755 χ^2/NDF : 28.7/15

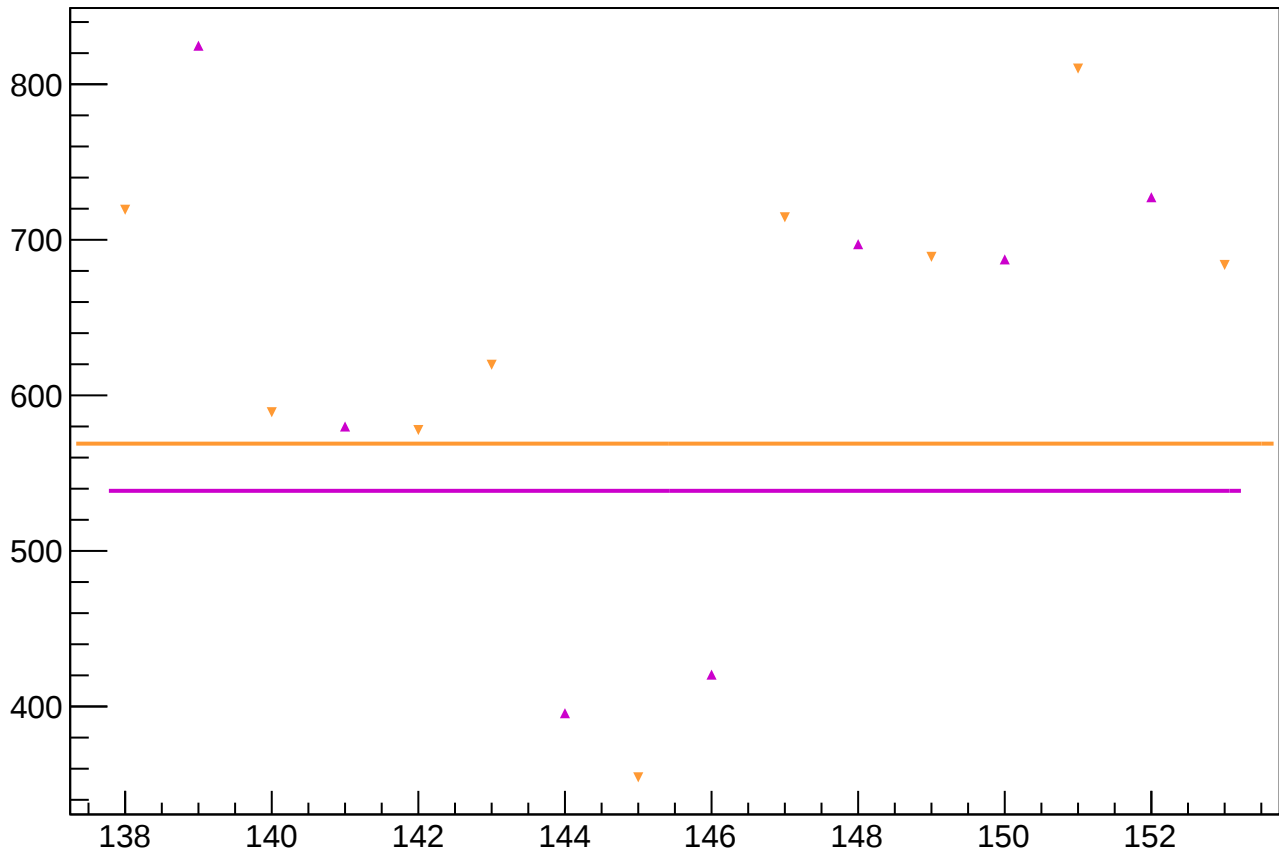
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 197.966+/-233.647 χ^2/NDF :7.5/6

Out: 858.513+/-229.575 χ^2/NDF :17.1/8

All: 534.046+/-163.755 χ^2/NDF : 28.7/15

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Left: 554.067+/-0.116 χ^2/NDF : 1748053.8/15

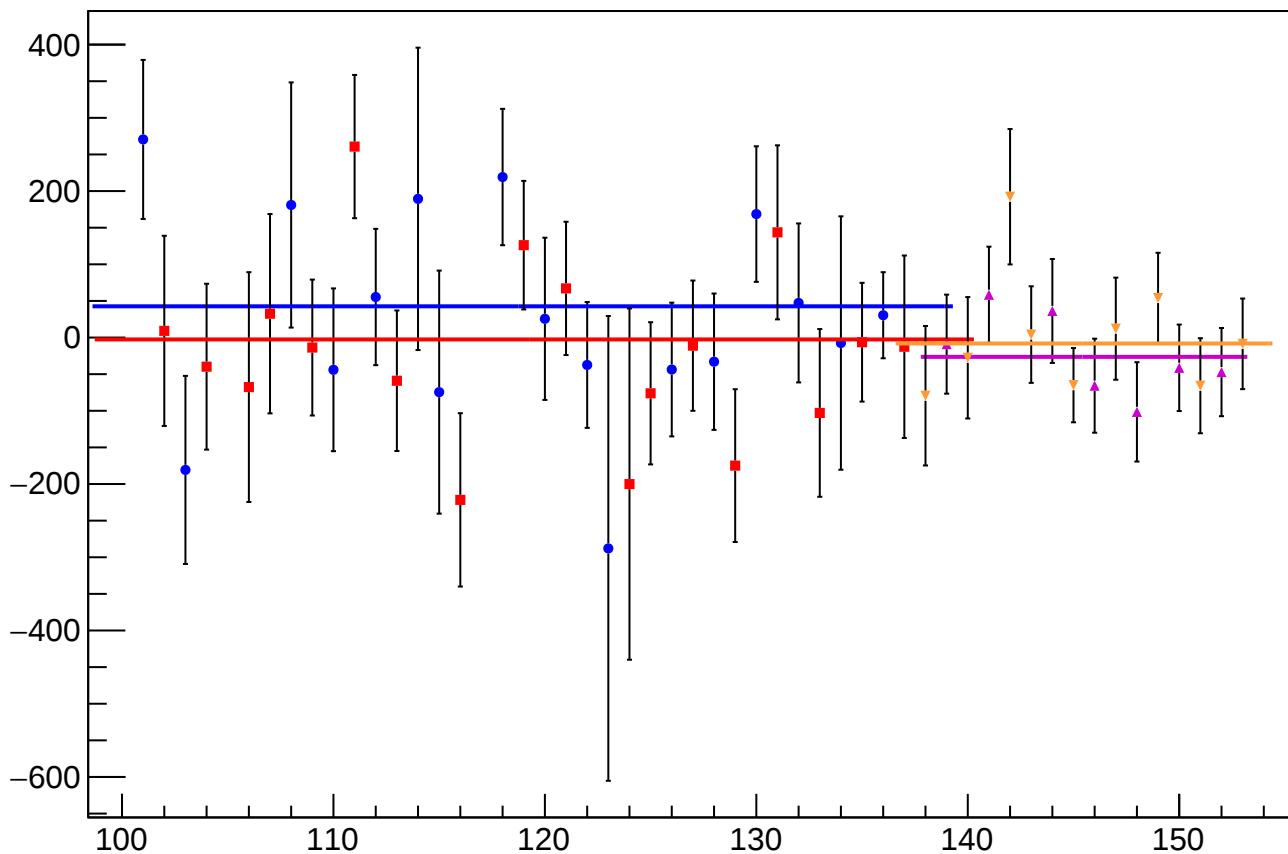
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 538.634+/-0.165 χ^2/NDF : 810189.9/6

Out: 568.967+/-0.162 χ^2/NDF : 920713.7/8

All: 554.067+/-0.116 χ^2/NDF : 1748053.8/15

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 ± 25.486 χ^2/NDF : 18.9/16

Left Out: -8.092 ± 22.594 χ^2/NDF : 8.5/8

Right Out: -2.576 ± 25.088 χ^2/NDF : 20.4/17

Left In: -26.358 ± 24.455 χ^2/NDF : 4.3/6

Left: -16.503 ± 16.595 χ^2/NDF : 13.1/15

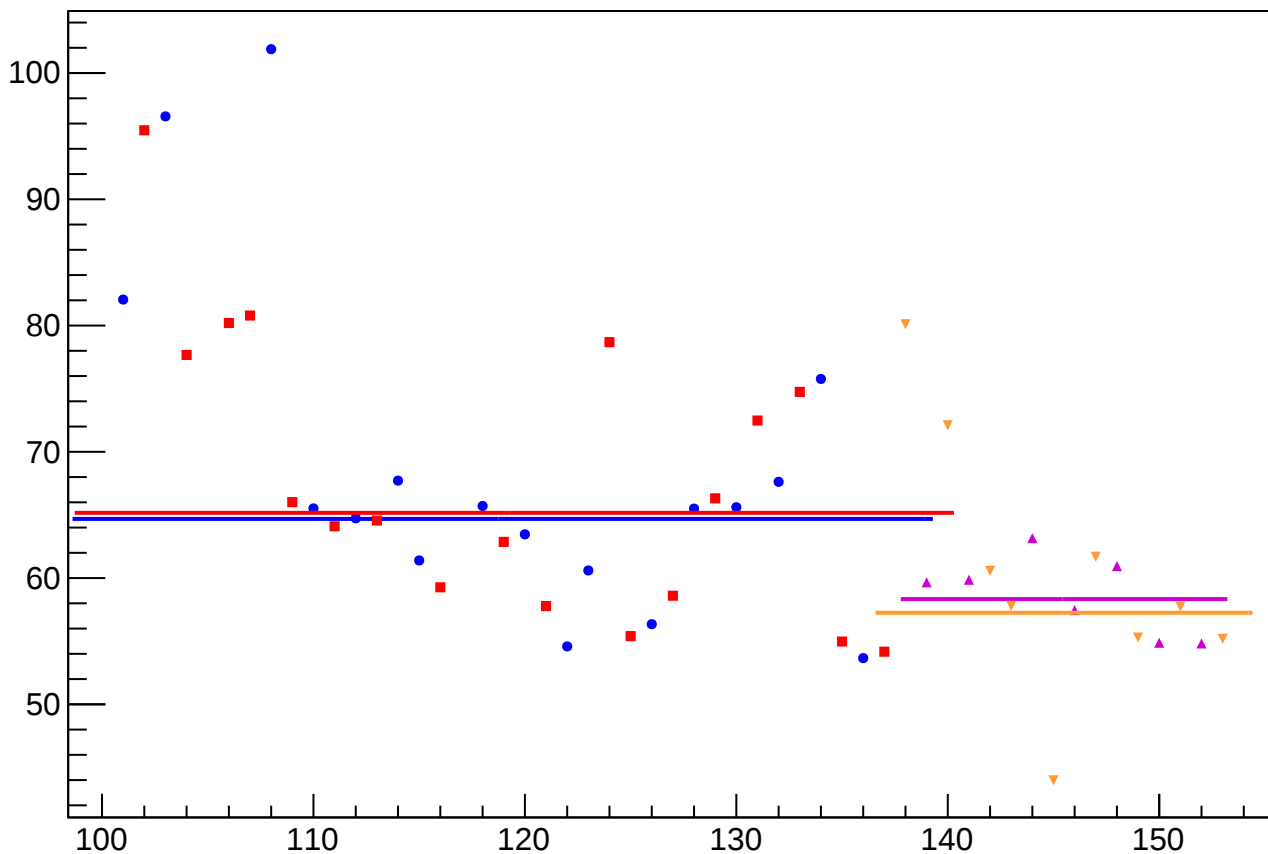
Right: 19.683 ± 17.879 χ^2/NDF : 40.9/34

In: 6.725 ± 17.646 χ^2/NDF : 27.0/23

Out: -5.622 ± 16.789 χ^2/NDF : 28.9/26

All: 0.245 ± 12.163 χ^2/NDF : 56.2/50

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: 57.254 $\pm$ 0.016 χ^2 /NDF:331639.8/8

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 58.337 $\pm$ 0.017 χ^2 /NDF:28137.2/6

Left: 57.753 $\pm$ 0.012 χ^2 /NDF: 361891.8/15

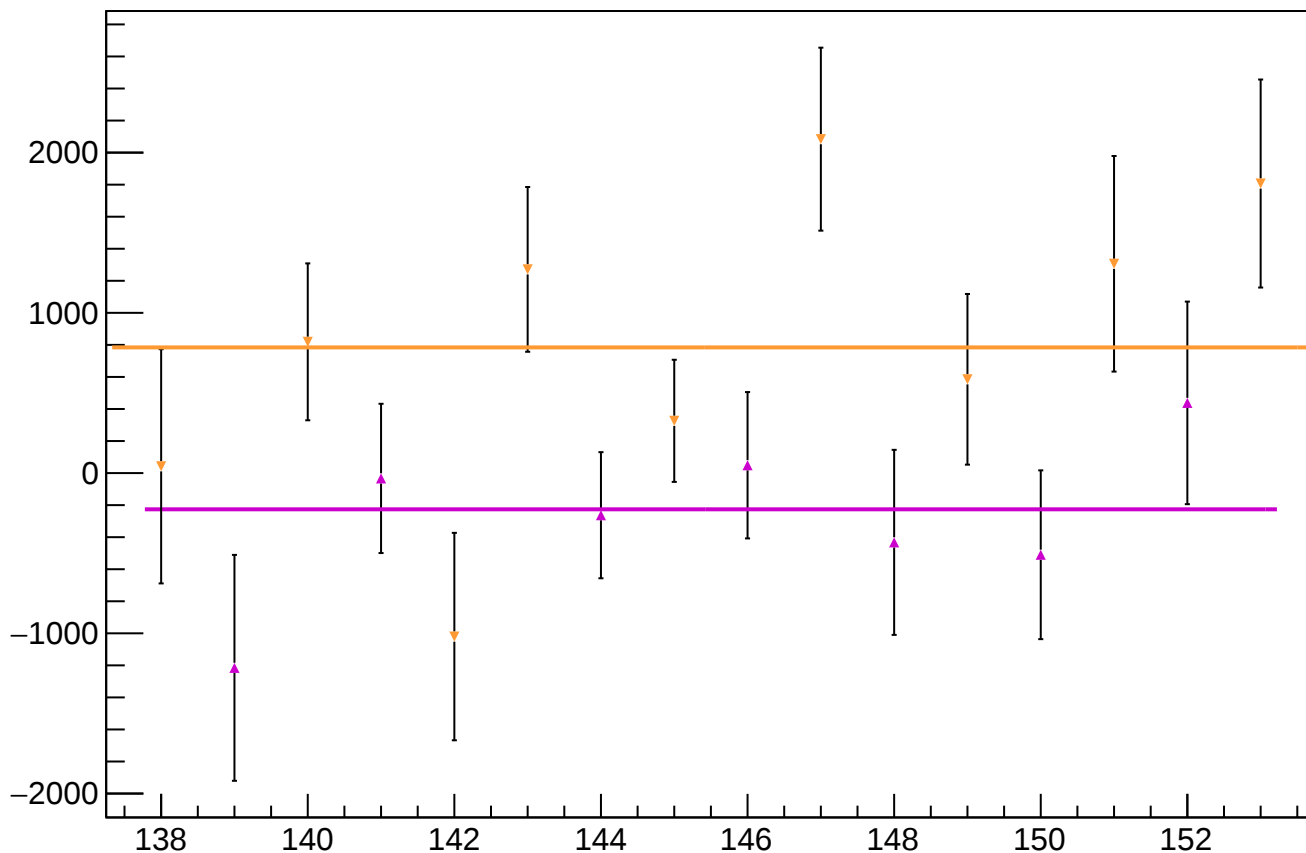
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 61.380 $\pm$ 0.012 χ^2 /NDF:492932.0/23

Out: 60.798 $\pm$ 0.012 χ^2 /NDF:746079.1/26

All: 61.075 $\pm$ 0.009 χ^2 /NDF: 1240154.2/50

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: 784.317+/-181.748 χ^2/NDF :19.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -226.095+/-192.512 χ^2/NDF :4.0/6

Left: 308.147+/-132.157 χ^2/NDF : 38.2/15

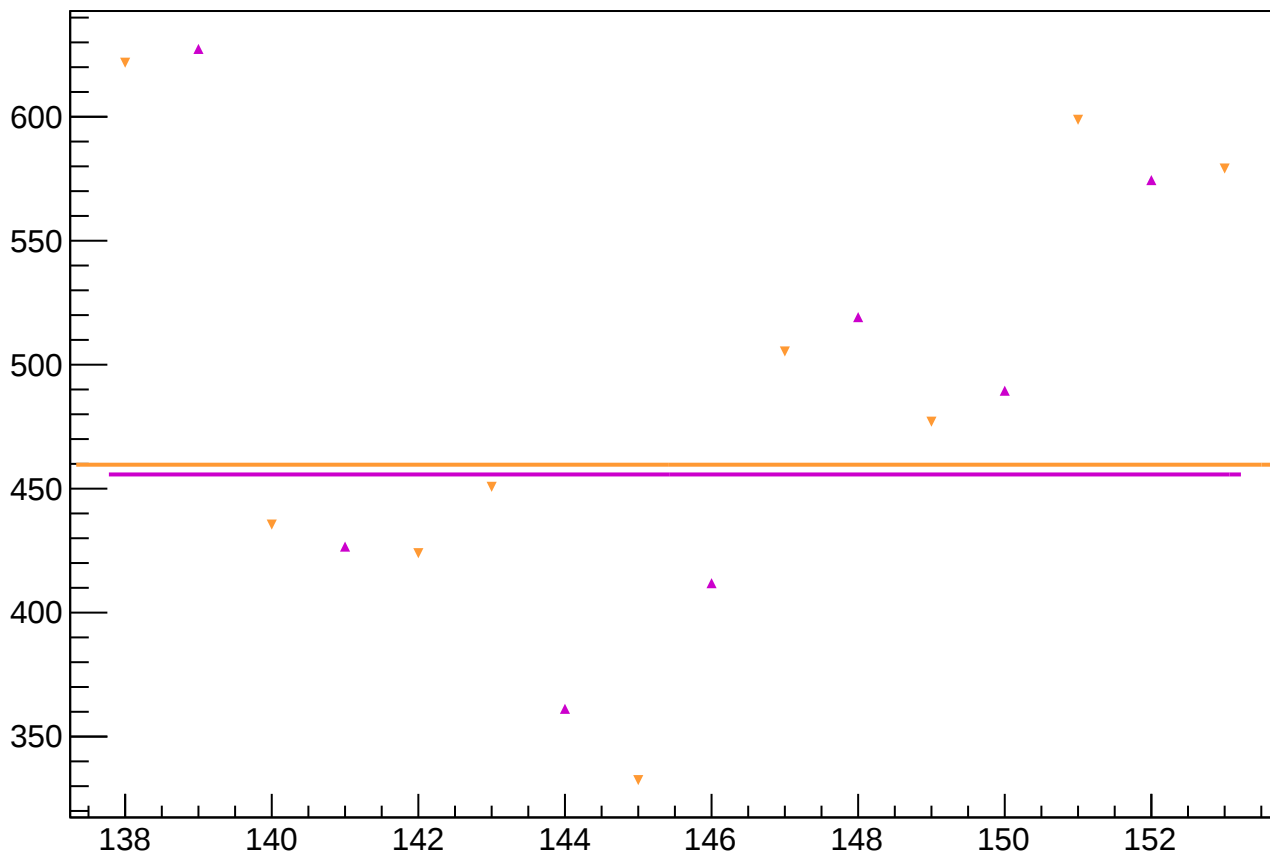
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -226.095+/-192.512 χ^2/NDF :4.0/6

Out: 784.317+/-181.748 χ^2/NDF :19.6/8

All: 308.147+/-132.157 χ^2/NDF : 38.2/15

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: 459.662+/-0.129 χ^2/NDF :501032.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 455.727+/-0.136 χ^2/NDF :363182.5/6

Left: 457.807+/-0.093 χ^2/NDF : 864656.8/15

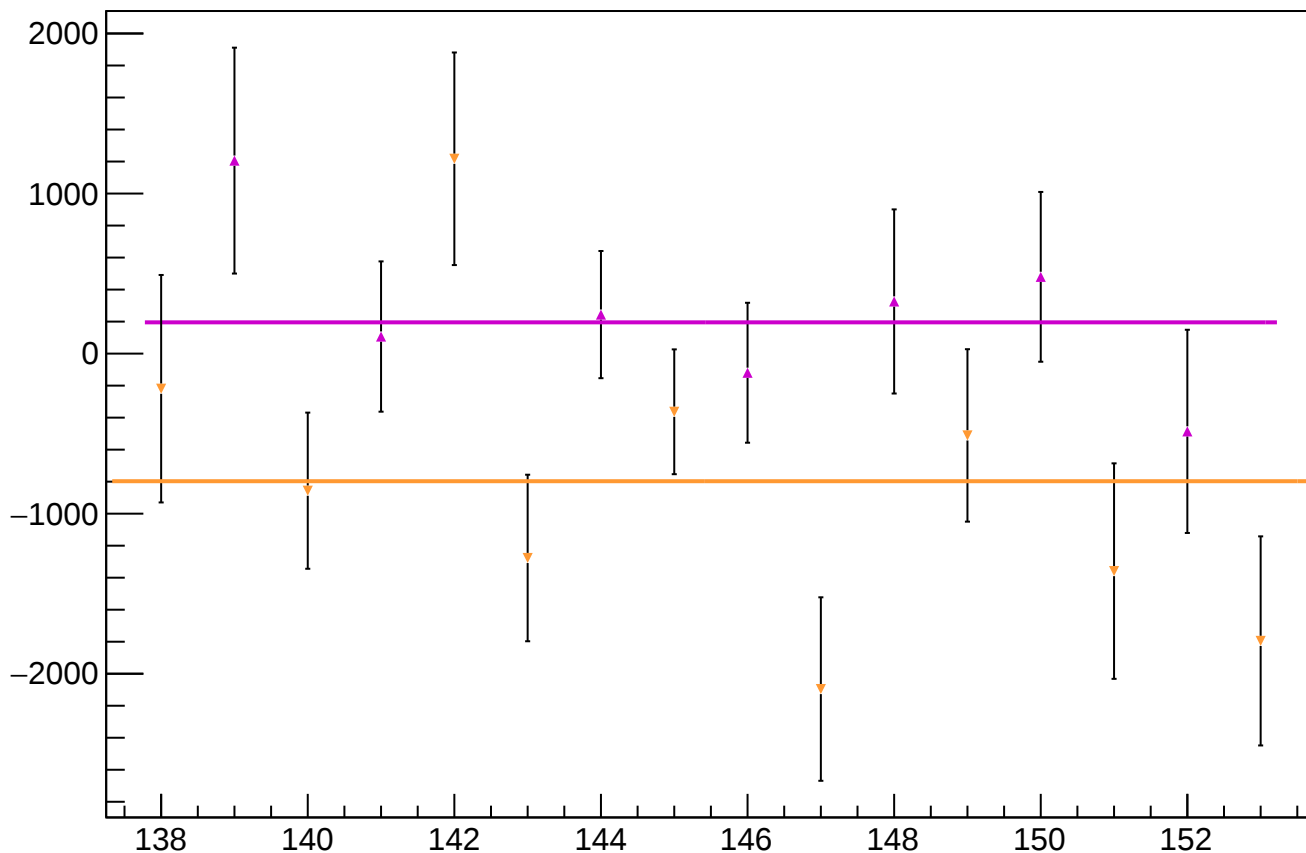
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 455.727+/-0.136 χ^2/NDF :363182.5/6

Out: 459.662+/-0.129 χ^2/NDF :501032.4/8

All: 457.807+/-0.093 χ^2/NDF : 864656.8/15

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -797.212+/-183.299 χ^2/NDF :20.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 195.325+/-191.839 χ^2/NDF :4.1/6

Left: -323.527+/-132.528 χ^2/NDF : 38.5/15

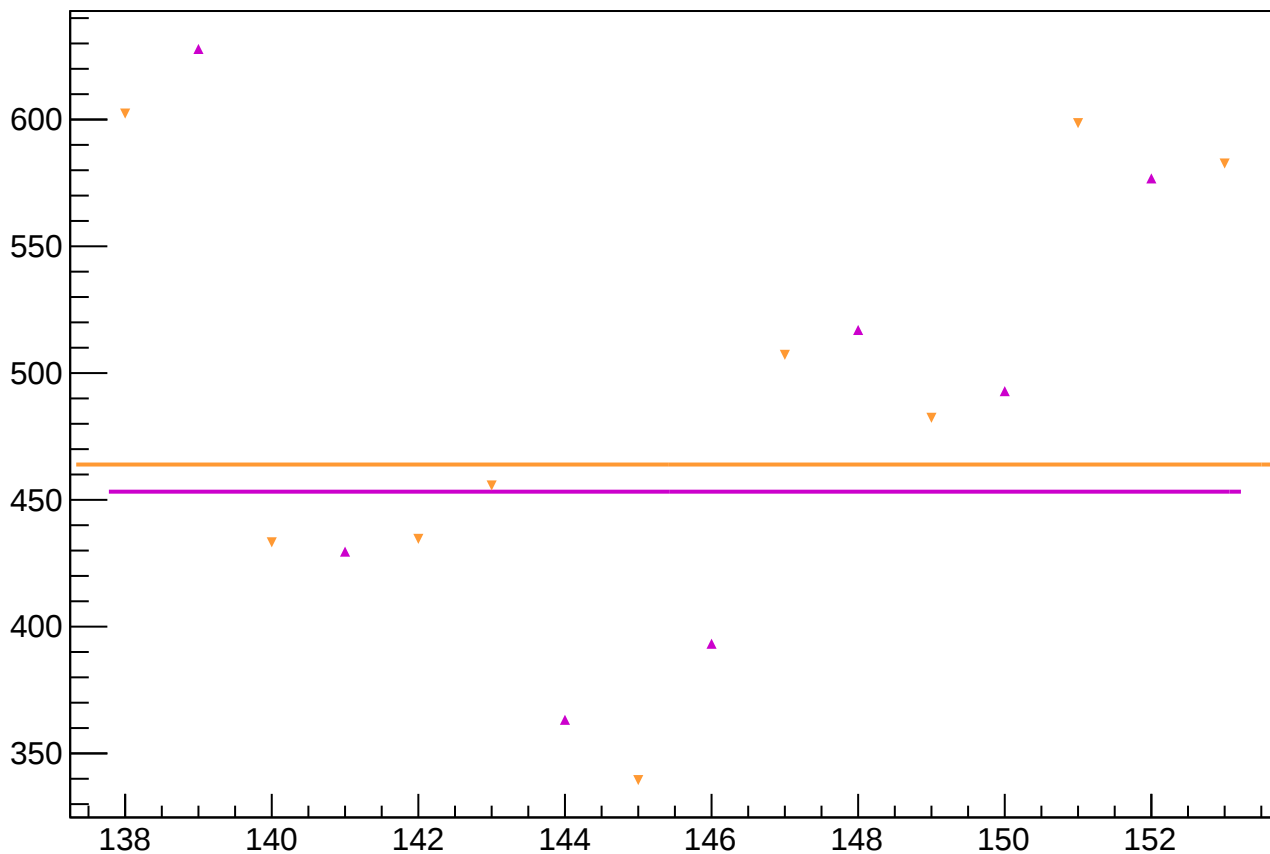
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 195.325+/-191.839 χ^2/NDF :4.1/6

Out: -797.212+/-183.299 χ^2/NDF :20.4/8

All: -323.527+/-132.528 χ^2/NDF : 38.5/15

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Left: 458.824+/-0.094 χ^2/NDF : 834321.7/15

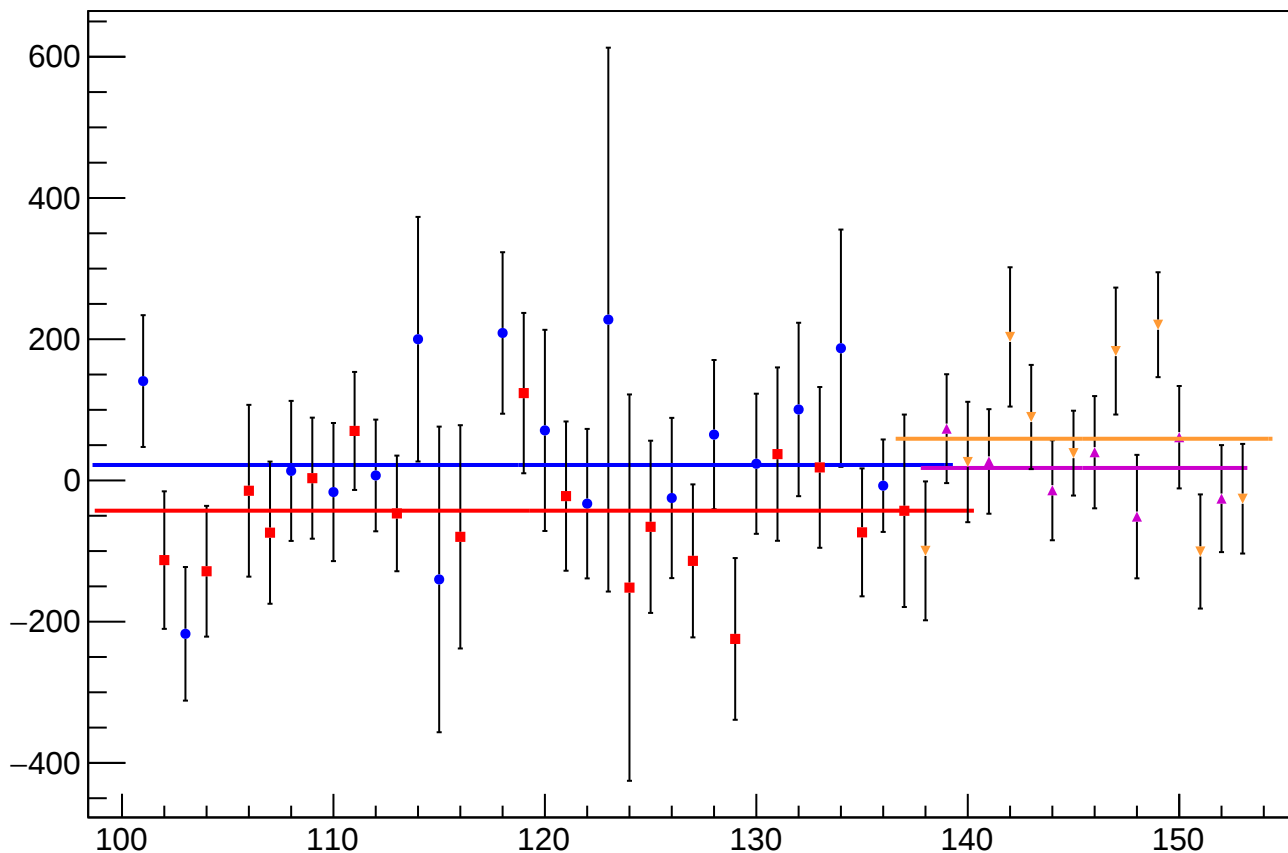
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 453.227+/-0.136 χ^2/NDF : 379281.3/6

Out: 463.933+/-0.130 χ^2/NDF : 451784.4/8

All: 458.824+/-0.094 χ^2/NDF : 834321.7/15

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: 59.058 $\pm$ 26.458 χ^2 /NDF:16.9/8

Right Out: -42.817 $\pm$ 25.116 χ^2 /NDF: 9.9/17

Left In: 17.689 $\pm$ 28.825 χ^2 /NDF:2.1/6

Left: 40.142 $\pm$ 19.492 χ^2 /NDF: 20.2/15

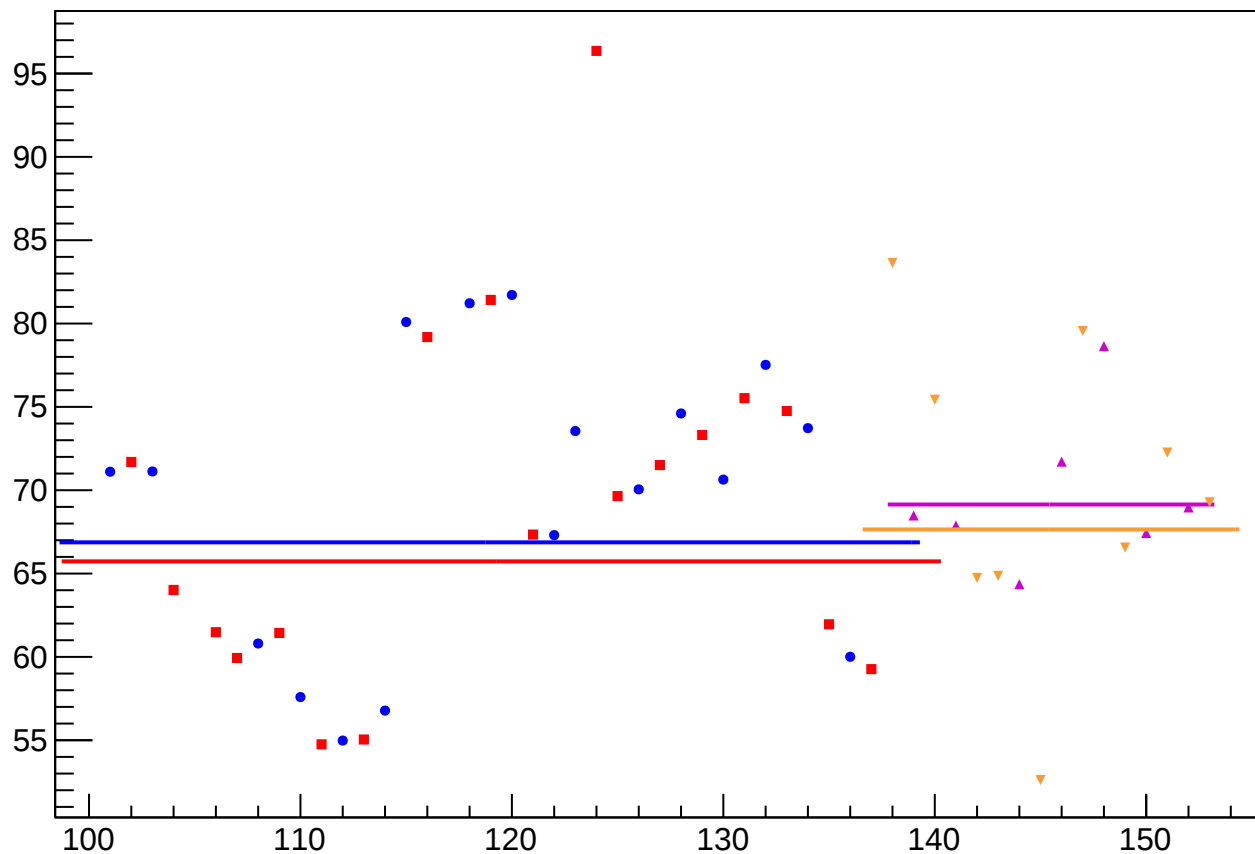
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 20.011 $\pm$ 19.329 χ^2 /NDF:17.2/23

Out: 5.471 $\pm$ 18.216 χ^2 /NDF:34.6/26

All: 12.310 $\pm$ 13.257 χ^2 /NDF: 52.1/50

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 66.872 $\pm$ 0.018 χ^2/NDF : 202515.6/16

Left Out: 67.647 $\pm$ 0.019 χ^2/NDF : 242371.3/8

Right Out: 65.731 $\pm$ 0.018 χ^2/NDF : 218867.5/17

Left In: 69.144 $\pm$ 0.020 χ^2/NDF : 36659.1/6

Left: 68.332 $\pm$ 0.014 χ^2/NDF : 281957.2/15

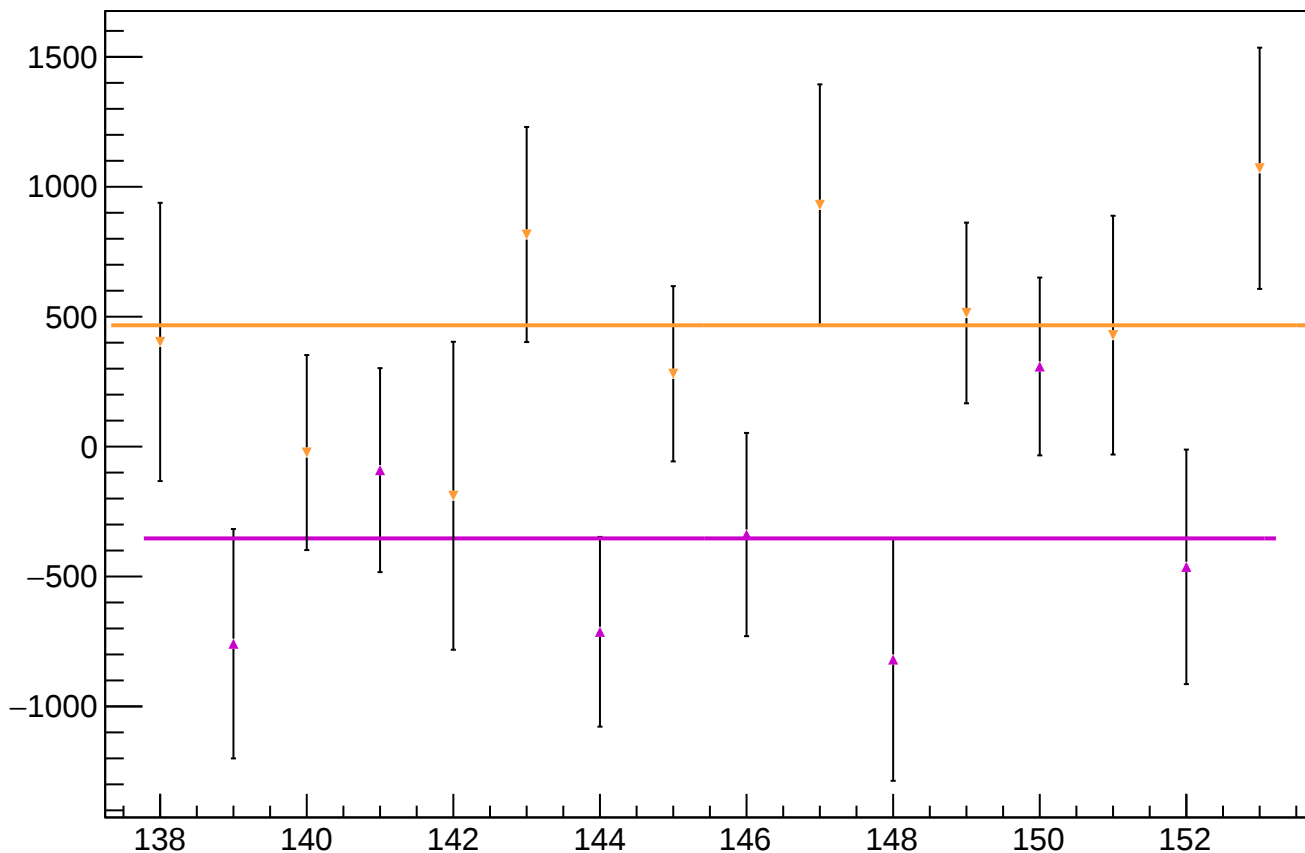
Right: 66.280 $\pm$ 0.013 χ^2/NDF : 423373.0/34

In: 67.894 $\pm$ 0.014 χ^2/NDF : 246011.9/23

Out: 66.639 $\pm$ 0.013 χ^2/NDF : 466759.0/26

All: 67.229 $\pm$ 0.009 χ^2/NDF : 717233.6/50

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: 466.954+/-140.925 χ^2/NDF : 6.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -353.350+/-151.287 χ^2/NDF : 7.1/6

Left: 85.852+/-103.118 χ^2/NDF : 29.5/15

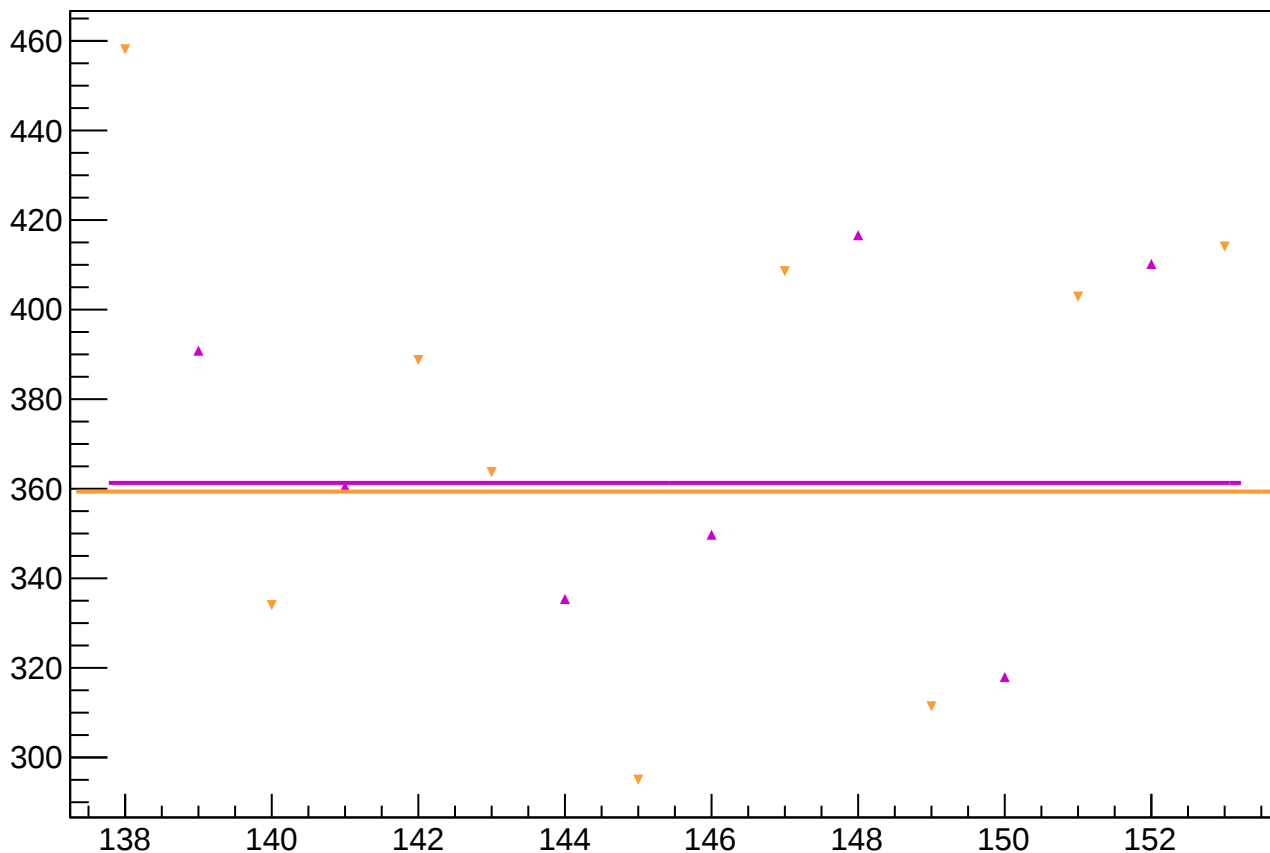
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -353.350+/-151.287 χ^2/NDF : 7.1/6

Out: 466.954+/-140.925 χ^2/NDF : 6.7/8

All: 85.852+/-103.118 χ^2/NDF : 29.5/15

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: 359.369+/-0.100 χ^2/NDF :261309.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Left: 360.271+/-0.073 χ^2/NDF : 365906.2/15

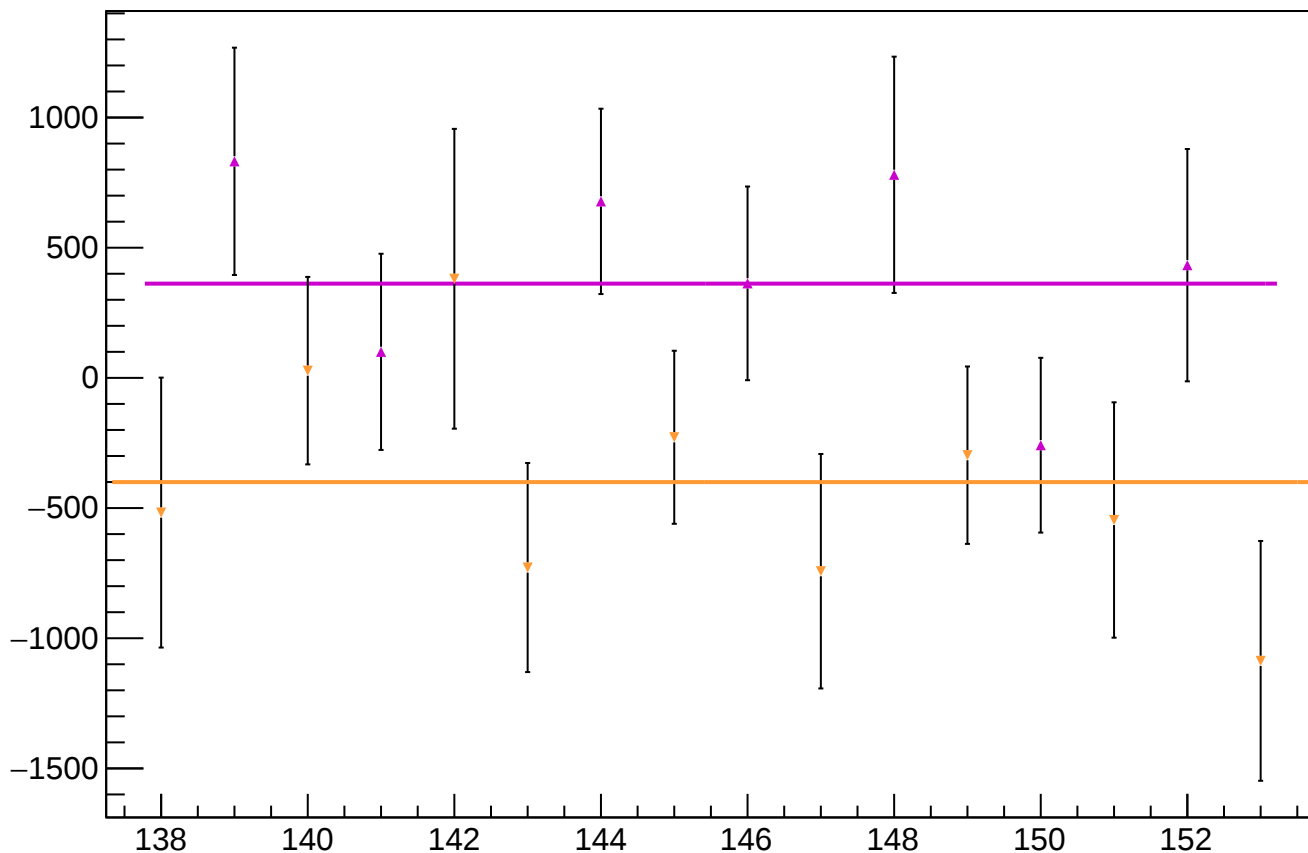
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 361.311+/-0.107 χ^2/NDF :104420.5/6

Out: 359.369+/-0.100 χ^2/NDF :261309.3/8

All: 360.271+/-0.073 χ^2/NDF : 365906.2/15

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Left: -44.884+/-100.488 χ^2/NDF : 28.3/15

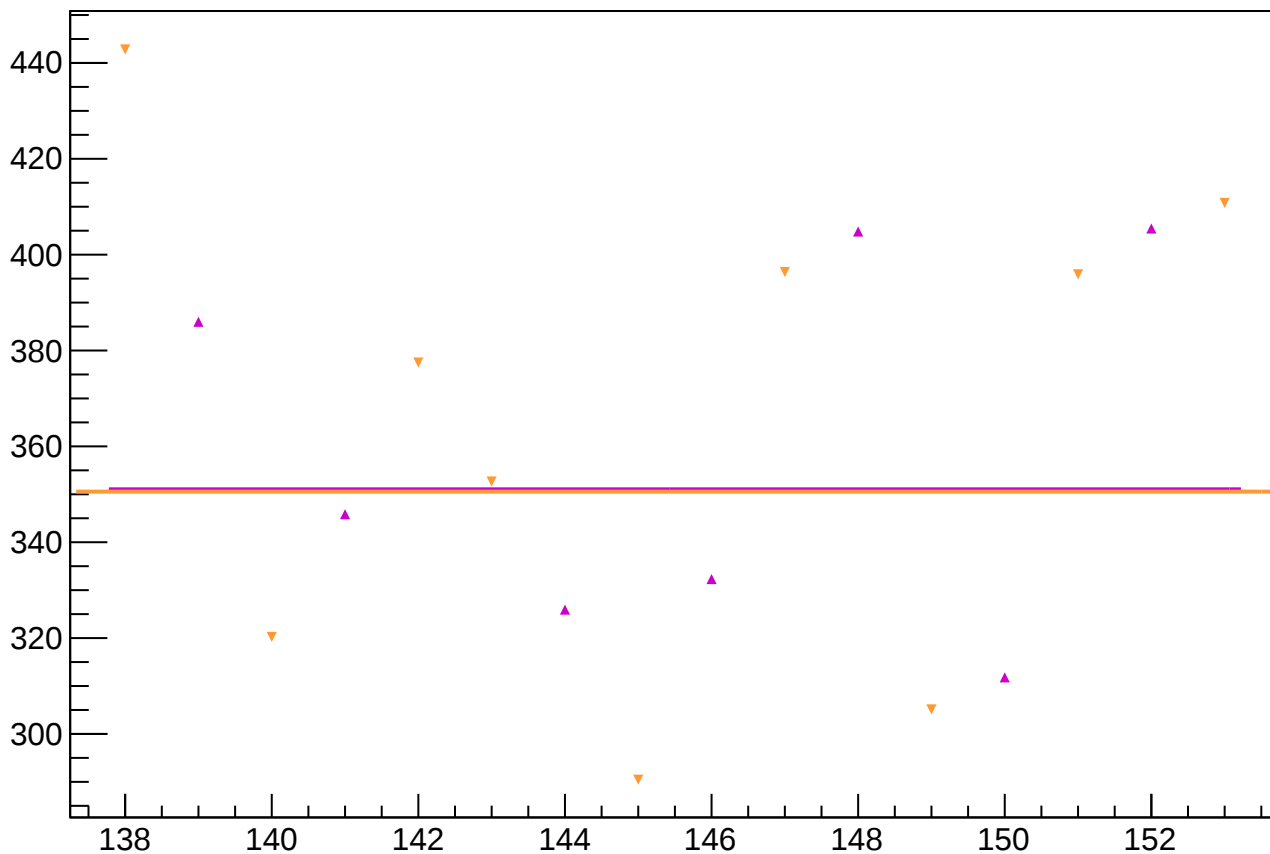
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 362.010+/-147.170 χ^2/NDF : 6.7/6

Out: -400.273+/-137.540 χ^2/NDF : 7.2/8

All: -44.884+/-100.488 χ^2/NDF : 28.3/15

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Left: 350.781+/-0.071 χ^2/NDF : 371410.2/15

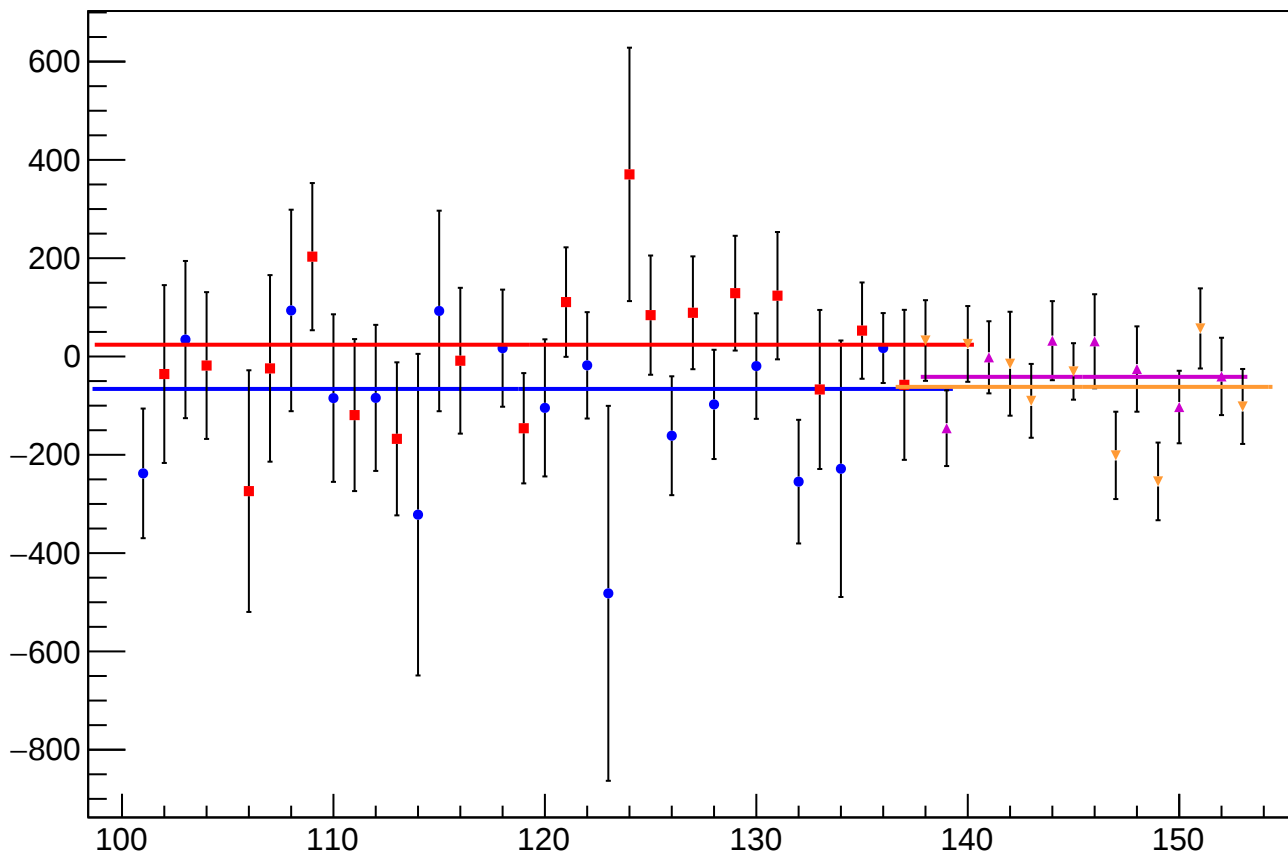
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 351.037+/-0.104 χ^2/NDF :113408.3/6

Out: 350.557+/-0.097 χ^2/NDF :257990.6/8

All: 350.781+/-0.071 χ^2/NDF : 371410.2/15

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -61.794 ± 25.856 χ^2/NDF : 14.0/8

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -41.392 ± 30.204 χ^2/NDF : 4.3/6

Left: -53.166 ± 19.642 χ^2/NDF : 18.6/15

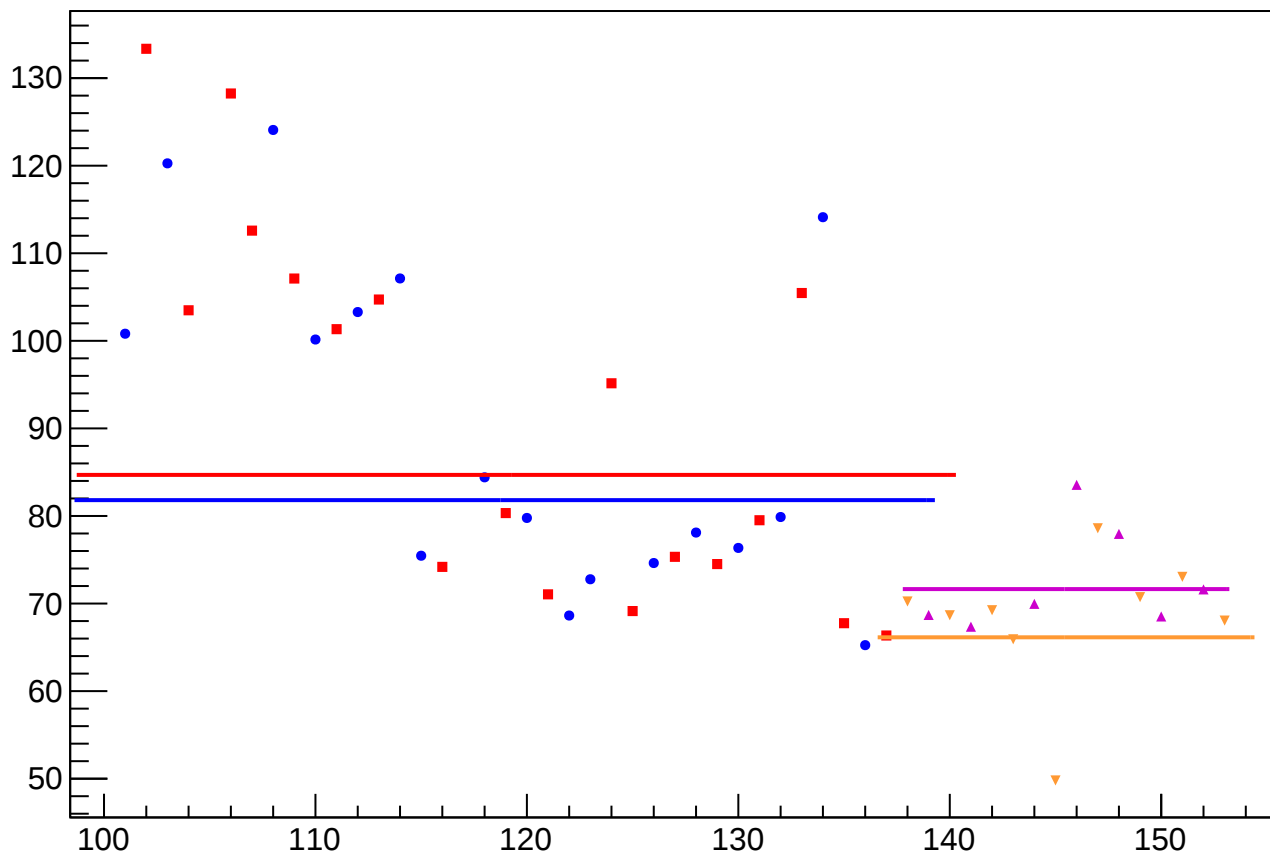
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -52.864 ± 22.058 χ^2/NDF : 15.4/23

Out: -28.908 ± 20.303 χ^2/NDF : 31.2/26

All: -39.896 ± 14.938 χ^2/NDF : 47.2/50

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.809 $\pm$ 0.023 χ^2/NDF : 507195.8/16

Left Out: 66.144 $\pm$ 0.018 χ^2/NDF : 232299.2/8

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 71.651 $\pm$ 0.021 χ^2/NDF : 55757.2/6

Left: 68.473 $\pm$ 0.014 χ^2/NDF : 326422.7/15

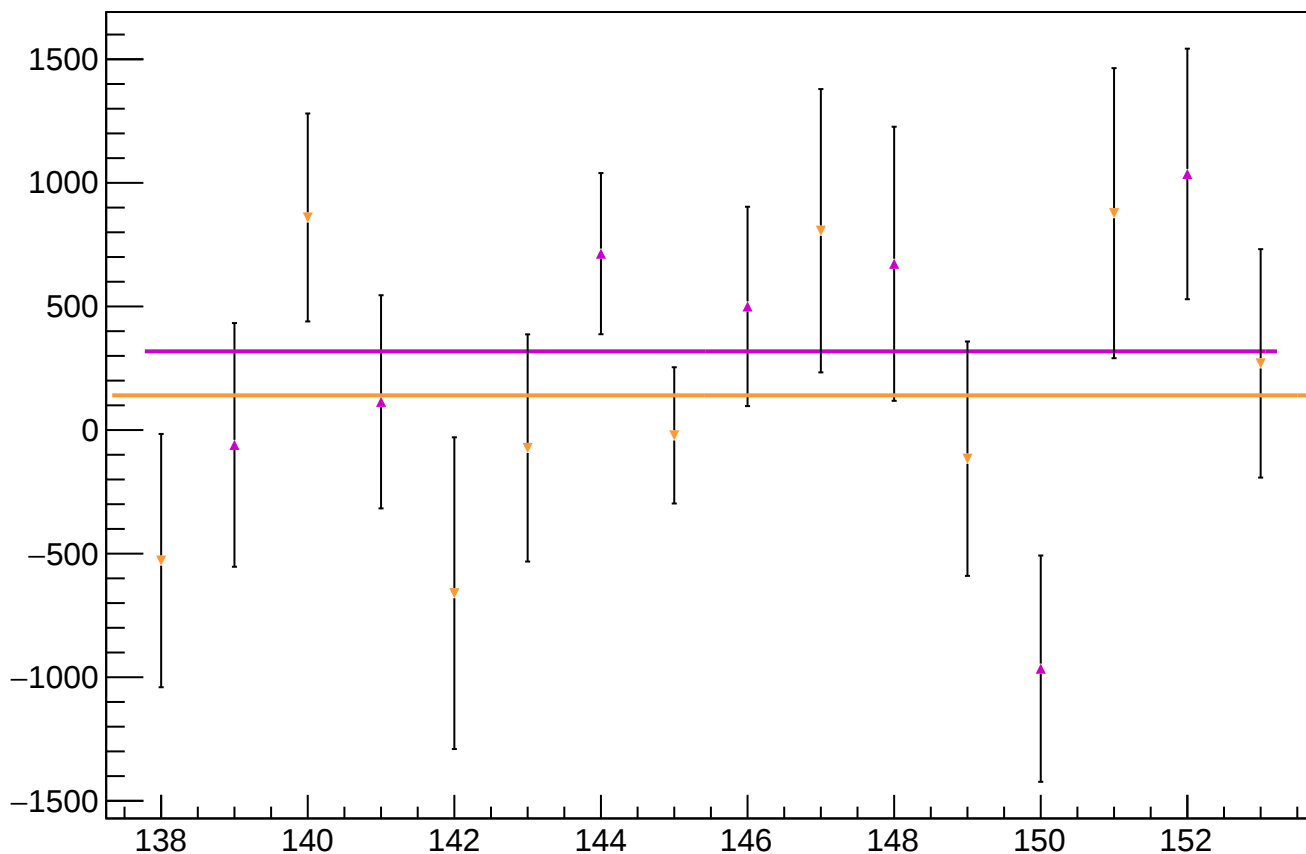
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 76.391 $\pm$ 0.016 χ^2/NDF : 668515.7/23

Out: 73.255 $\pm$ 0.014 χ^2/NDF : 1242770.2/26

All: 74.693 $\pm$ 0.011 χ^2/NDF : 1933175.1/50

asym_sam_15_26_dd_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 140.459+/-149.139 χ^2/NDF :10.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 318.372+/-164.451 χ^2/NDF :12.8/6

Left: 220.749+/-110.475 χ^2/NDF : 23.5/15

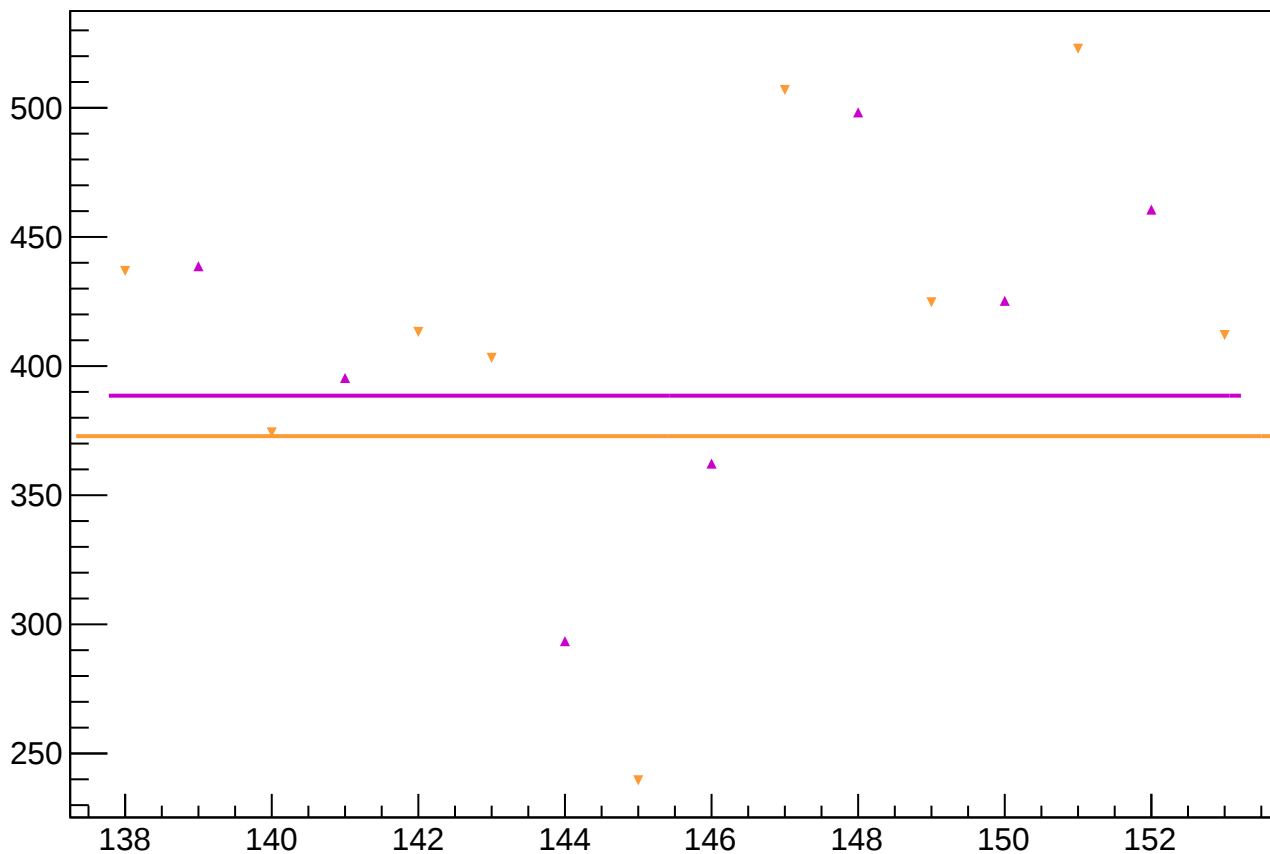
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 318.372+/-164.451 χ^2/NDF :12.8/6

Out: 140.459+/-149.139 χ^2/NDF :10.1/8

All: 220.749+/-110.475 χ^2/NDF : 23.5/15

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: 372.874+/-0.105 χ^2/NDF : 794061.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Left: 379.945+/-0.078 χ^2/NDF : 1135369.1/15

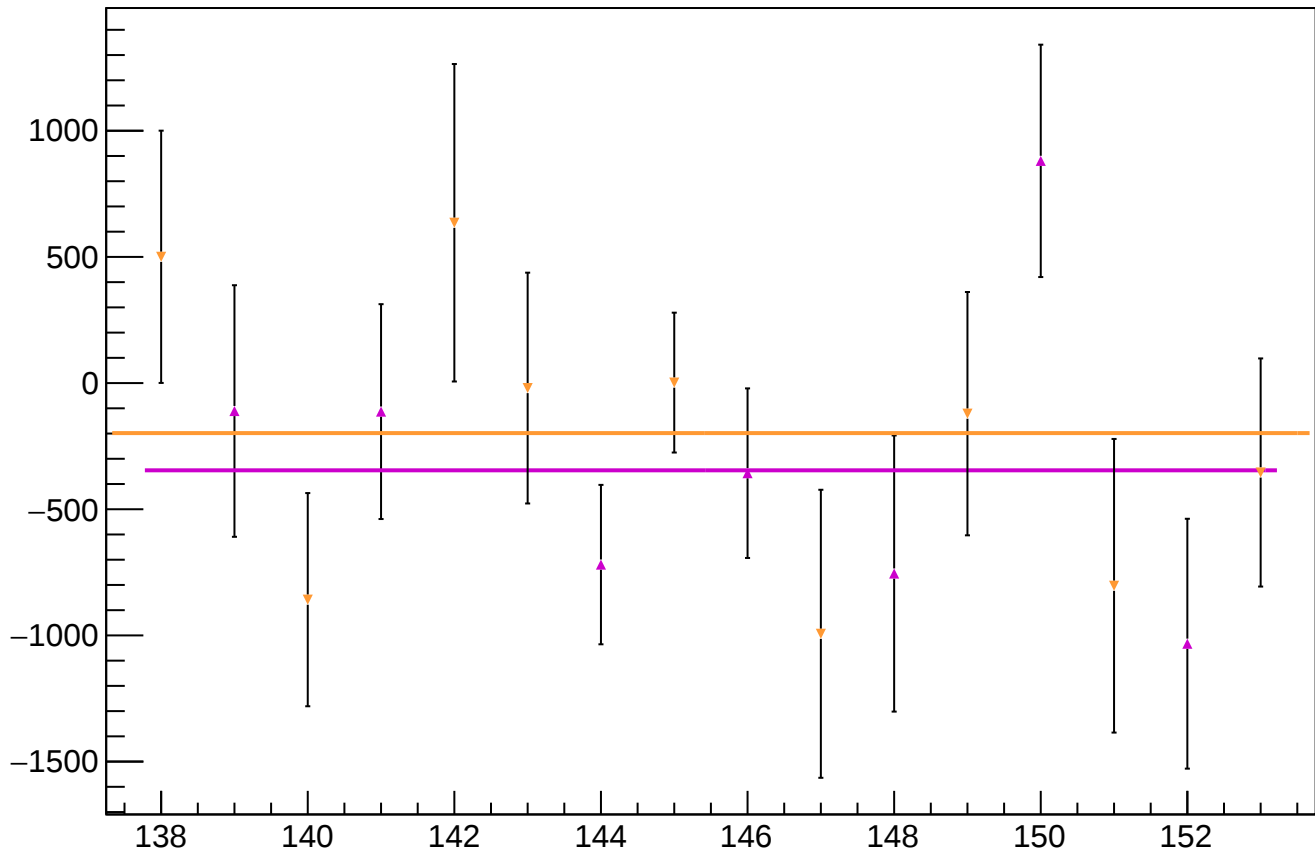
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 388.541+/-0.116 χ^2/NDF : 331347.3/6

Out: 372.874+/-0.105 χ^2/NDF : 794061.3/8

All: 379.945+/-0.078 χ^2/NDF : 1135369.1/15

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -198.198+/-148.817 χ^2/NDF :10.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -345.726+/-157.031 χ^2/NDF :11.5/6

Left: -268.003+/-108.017 χ^2/NDF : 22.0/15

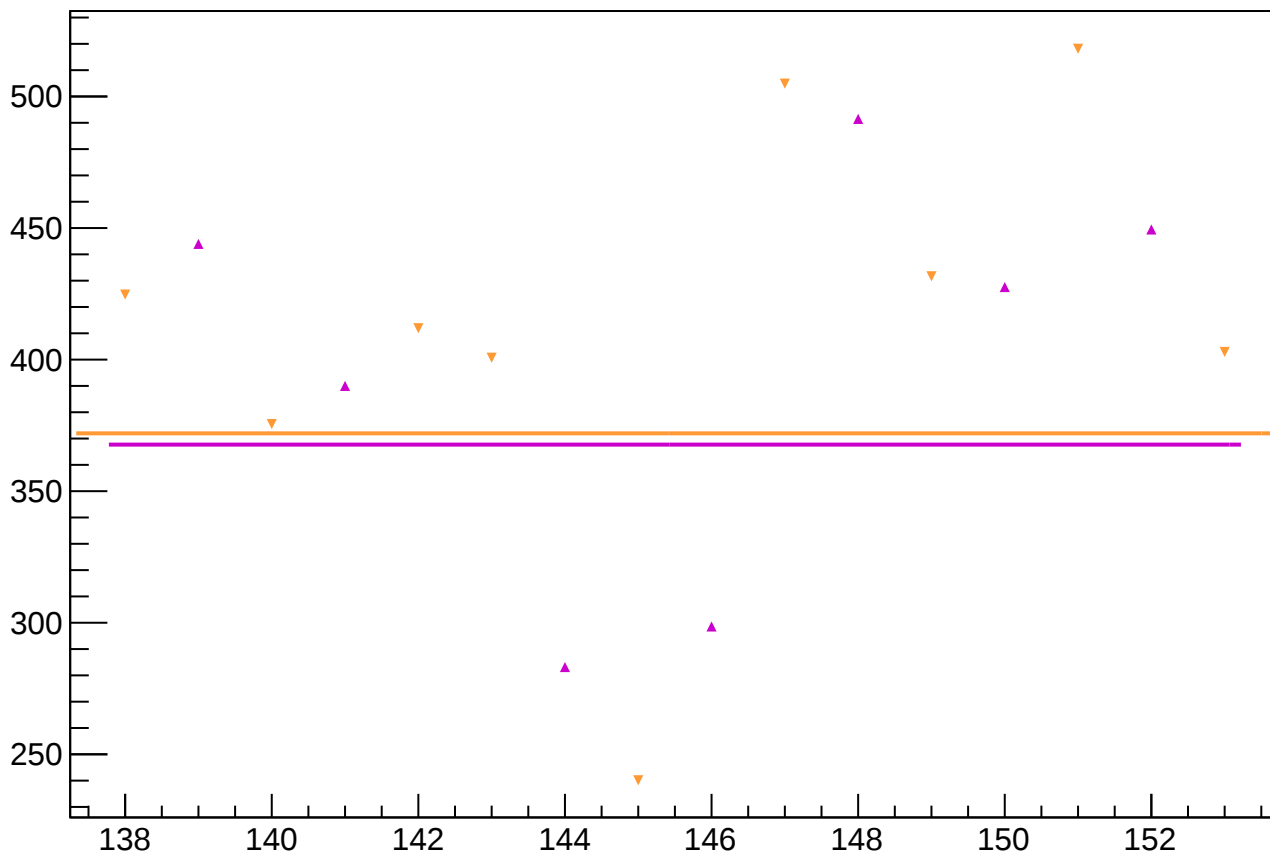
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -345.726+/-157.031 χ^2/NDF :11.5/6

Out: -198.198+/-148.817 χ^2/NDF :10.0/8

All: -268.003+/-108.017 χ^2/NDF : 22.0/15

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Left: 369.956+/-0.076 χ^2/NDF : 1237419.3/15

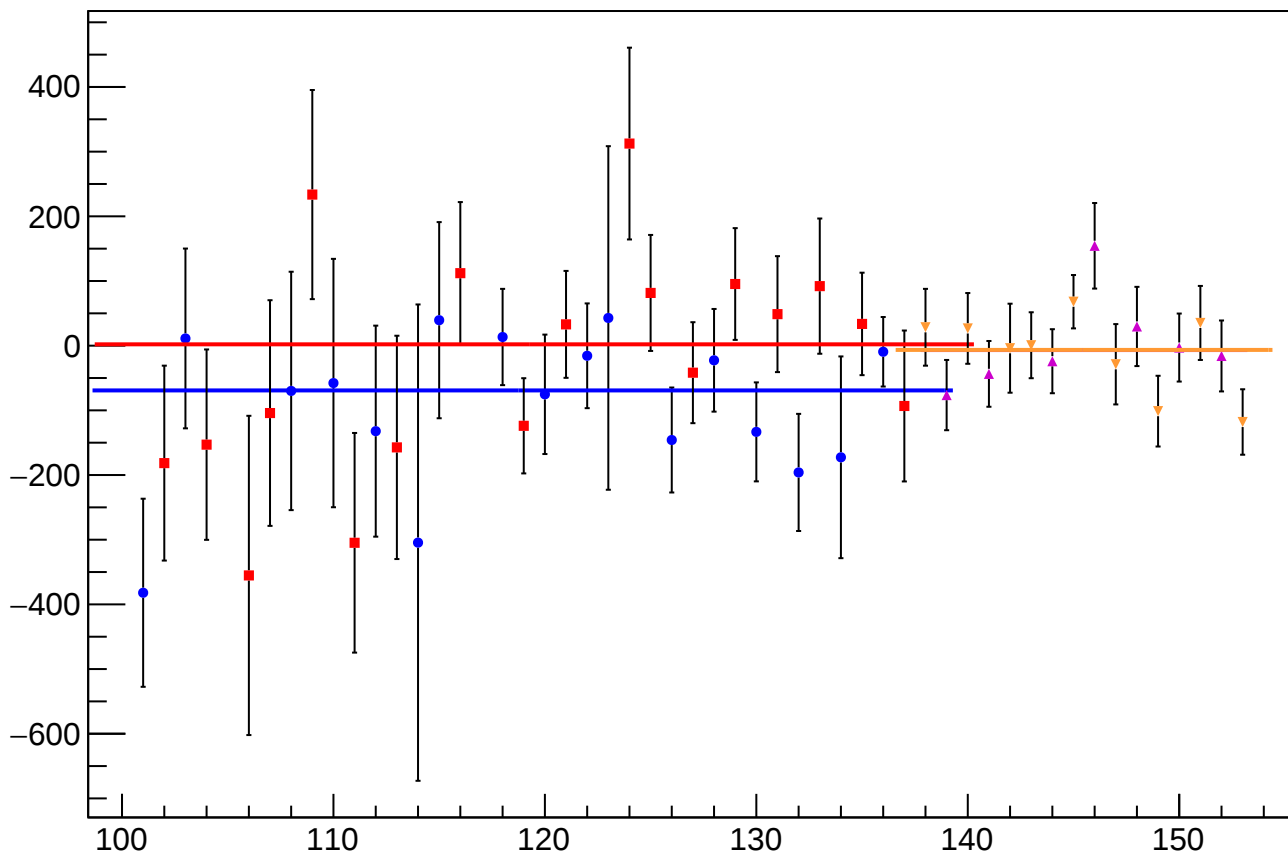
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 367.699+/-0.111 χ^2/NDF : 470851.2/6

Out: 371.983+/-0.105 χ^2/NDF : 765784.1/8

All: 369.956+/-0.076 χ^2/NDF : 1237419.3/15

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: -6.557 ± 17.987 χ^2/NDF : 12.5/8

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -6.762 ± 20.747 χ^2/NDF : 8.6/6

Left: -6.645 ± 13.591 χ^2/NDF : 21.1/15

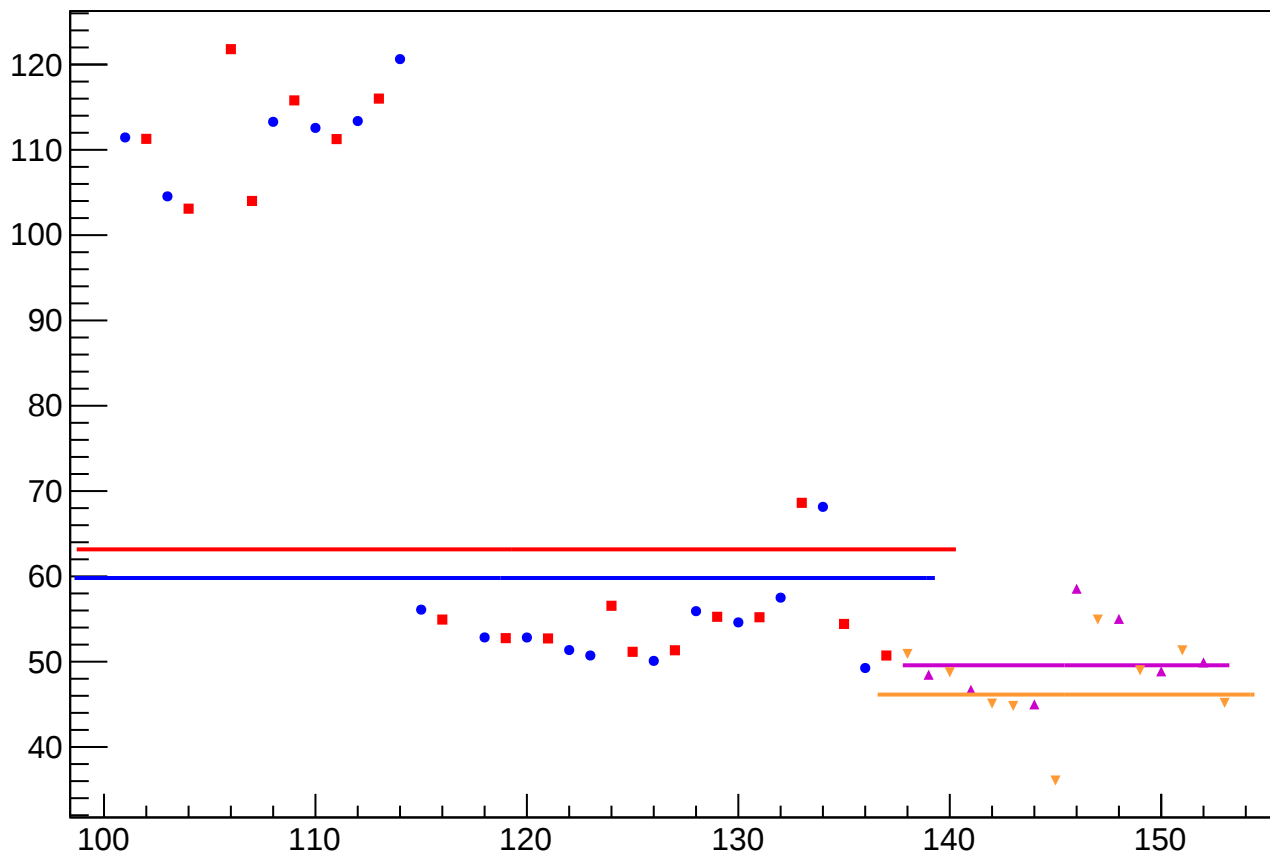
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -33.131 ± 15.767 χ^2/NDF : 25.9/23

Out: -3.639 ± 14.638 χ^2/NDF : 36.4/26

All: -17.291 ± 10.728 χ^2/NDF : 64.2/50

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: 46.145 $\pm$ 0.013 χ^2/NDF : 201268.4/8

Right Out: 63.166 $\pm$ 0.018 χ^2/NDF : 1387305.6/17

Left In: 49.578 $\pm$ 0.015 χ^2/NDF : 77387.9/6

Left: 47.618 $\pm$ 0.010 χ^2/NDF : 309932.0/15

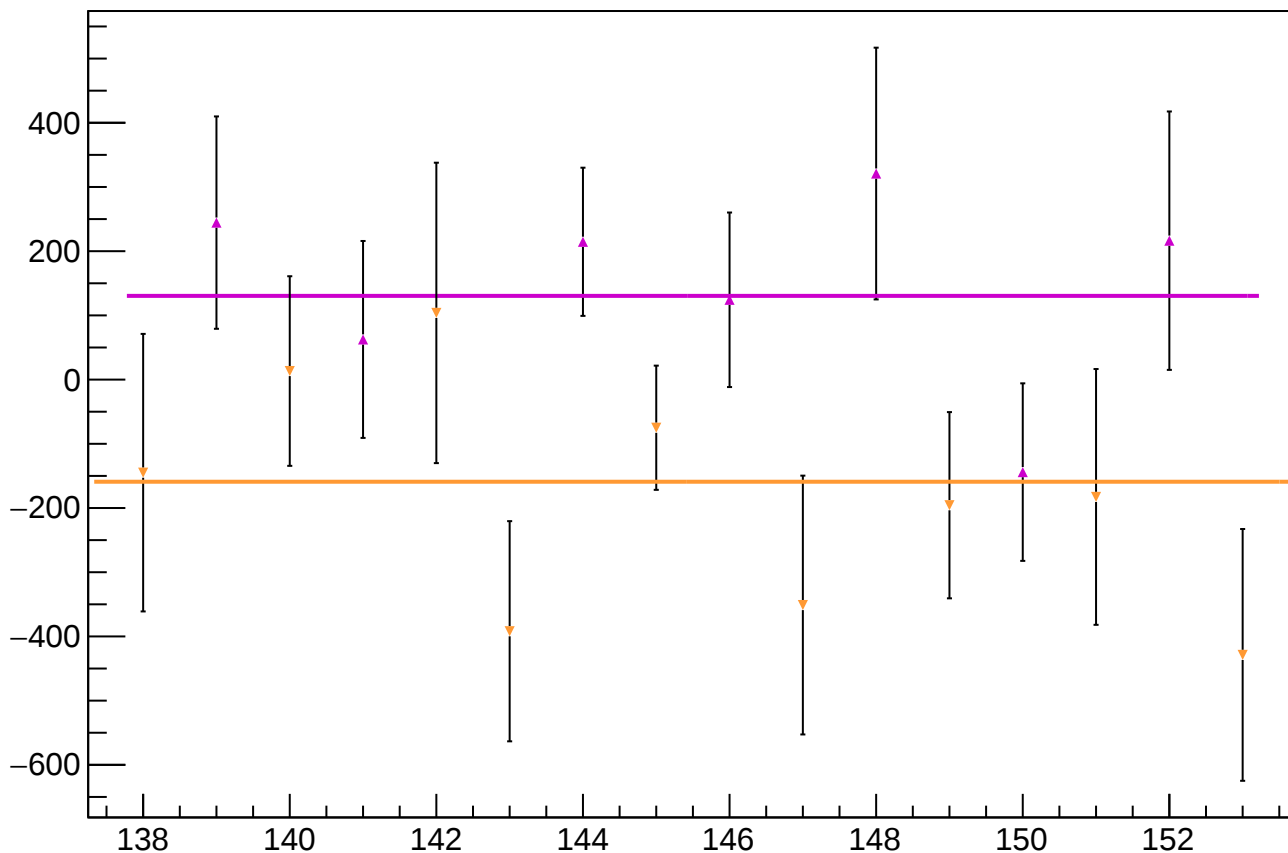
Right: 61.424 $\pm$ 0.012 χ^2/NDF : 2635717.1/34

In: 53.900 $\pm$ 0.011 χ^2/NDF : 1512790.7/23

Out: 51.894 $\pm$ 0.010 χ^2/NDF : 2193445.4/26

All: 52.822 $\pm$ 0.008 χ^2/NDF : 3723626.2/50

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: -159.061+/-53.467 χ^2/NDF : 8.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Left: -22.743+/-38.891 χ^2/NDF : 28.2/15

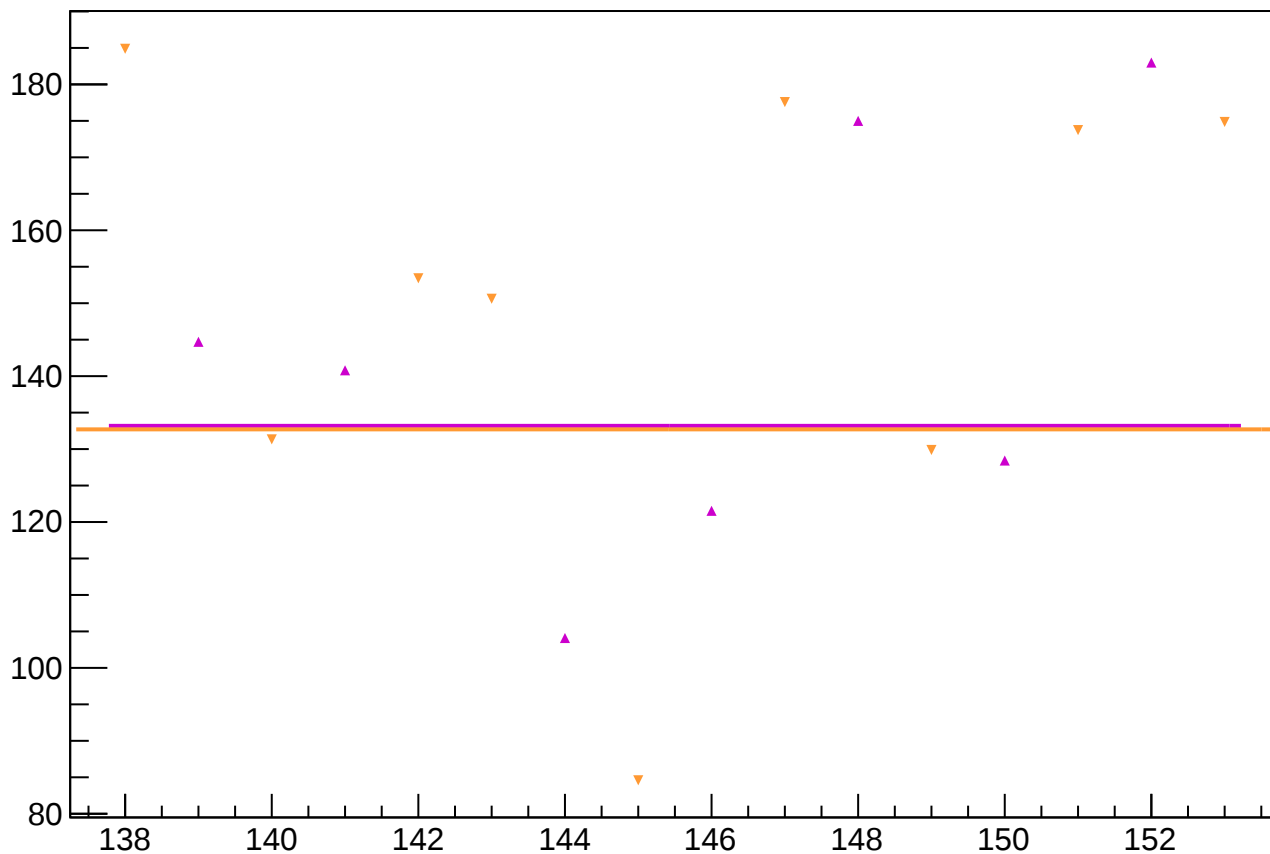
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 130.413+/-56.673 χ^2/NDF : 6.3/6

Out: -159.061+/-53.467 χ^2/NDF : 8.1/8

All: -22.743+/-38.891 χ^2/NDF : 28.2/15

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: 132.703+/-0.038 χ^2/NDF :926235.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Left: 132.930+/-0.027 χ^2/NDF : 1298605.5/15

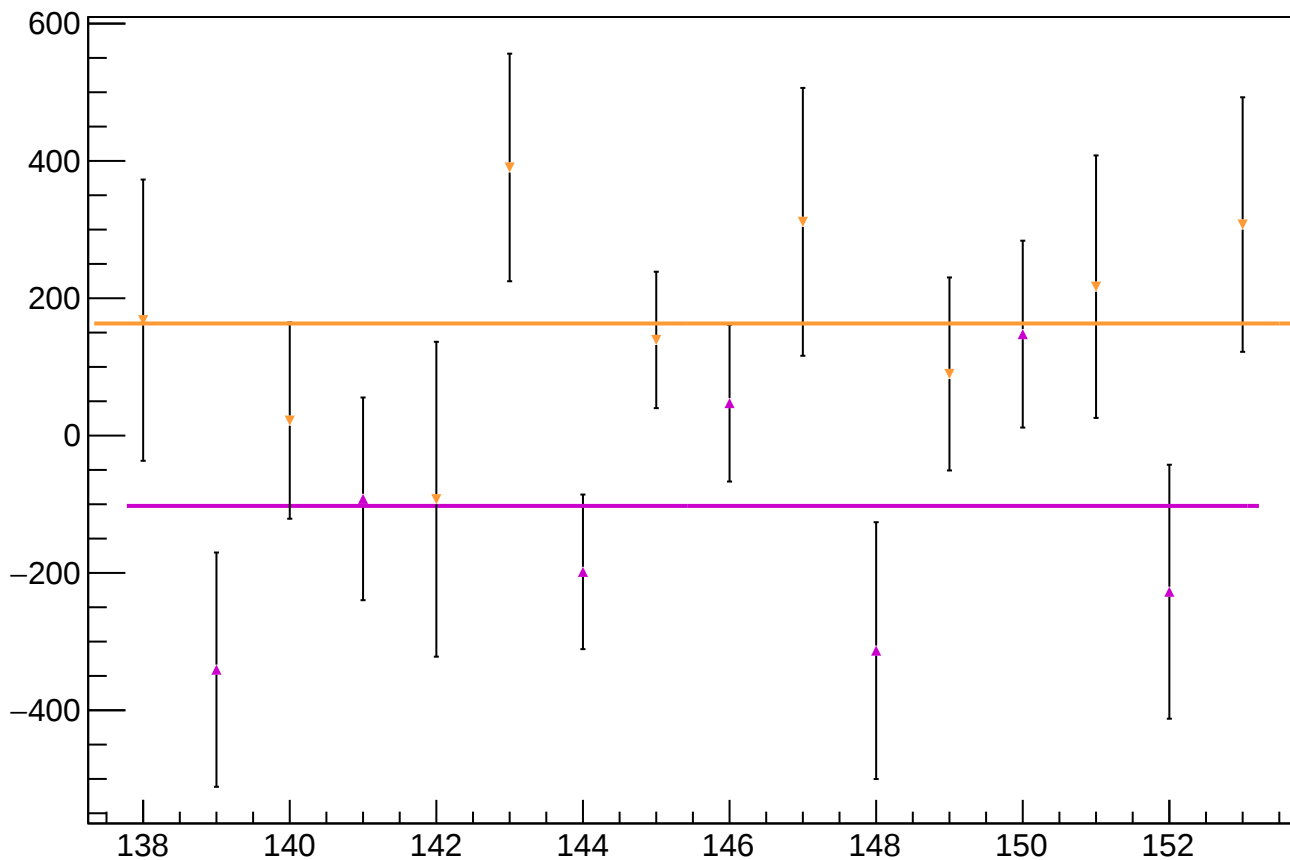
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 133.185+/-0.040 χ^2/NDF :372294.1/6

Out: 132.703+/-0.038 χ^2/NDF :926235.2/8

All: 132.930+/-0.027 χ^2/NDF : 1298605.5/15

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Left: 33.289+/-37.511 χ^2/NDF : 27.7/15

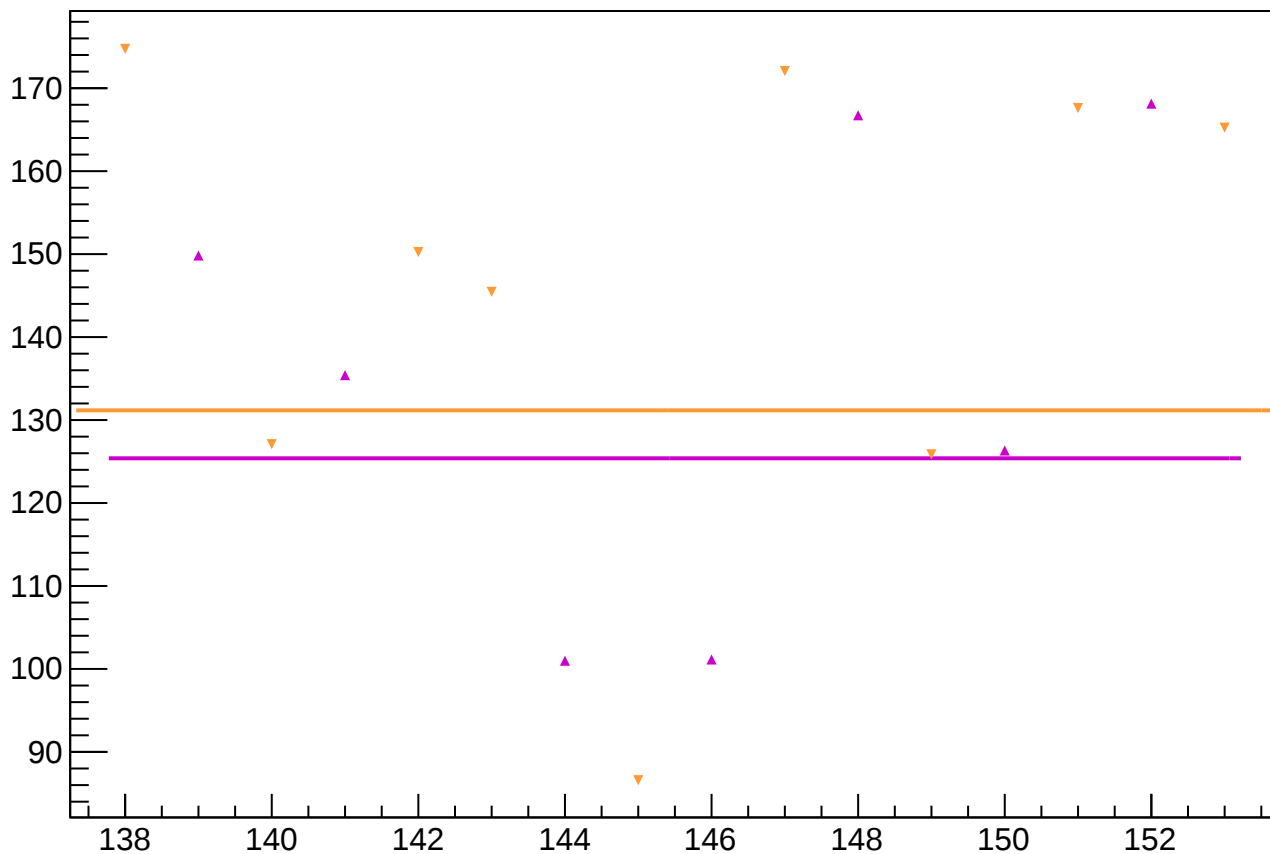
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -102.402+/-53.631 χ^2/NDF : 9.5/6

Out: 163.247+/-52.486 χ^2/NDF : 5.7/8

All: 33.289+/-37.511 χ^2/NDF : 27.7/15

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Left: 128.341+/-0.027 χ^2/NDF : 1205842.9/15

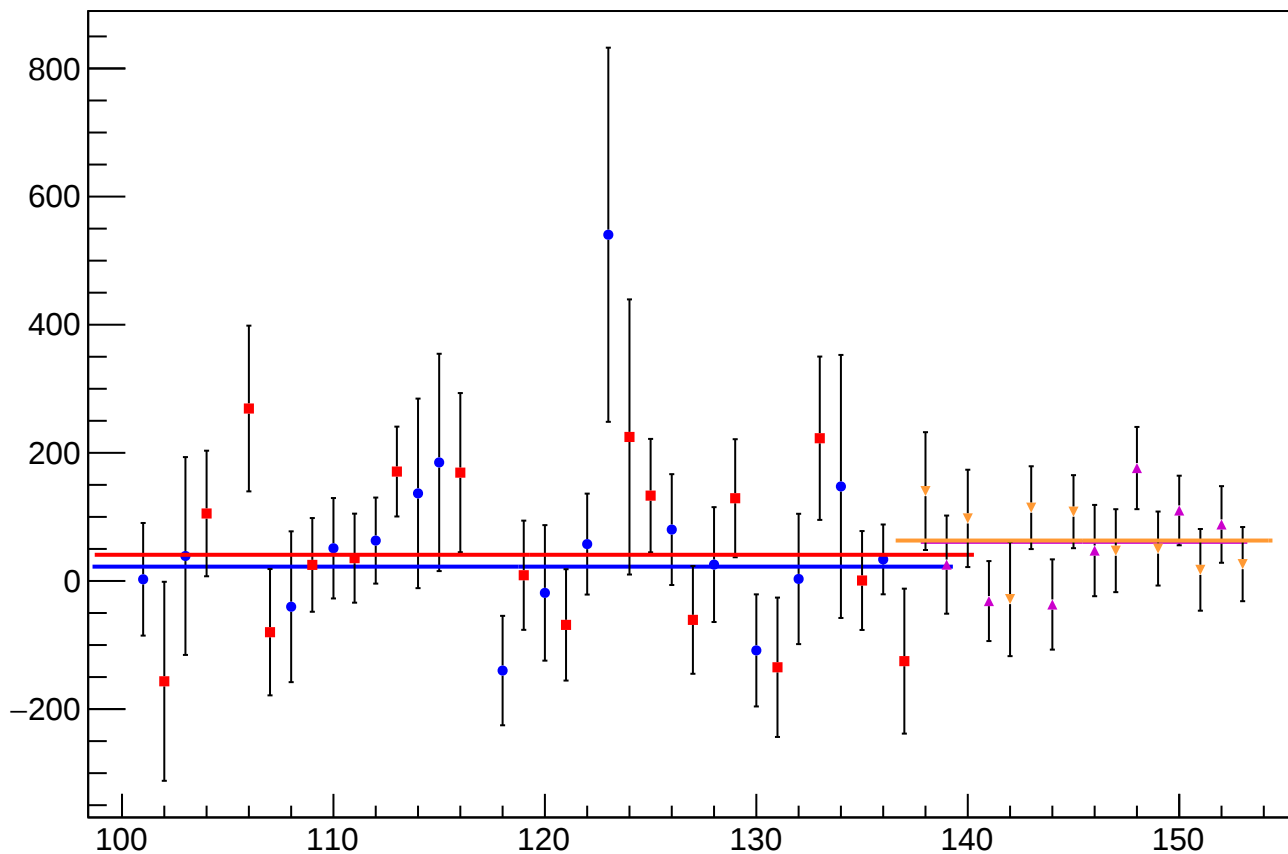
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 125.389+/-0.038 χ^2/NDF : 439072.7/6

Out: 131.169+/-0.037 χ^2/NDF : 754904.0/8

All: 128.341+/-0.027 χ^2/NDF : 1205842.9/15

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: 63.099 $\pm$ 22.101 χ^2 /NDF: 4.2/8

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 61.054 $\pm$ 24.347 χ^2 /NDF: 8.6/6

Left: 62.176 $\pm$ 16.364 χ^2 /NDF: 12.9/15

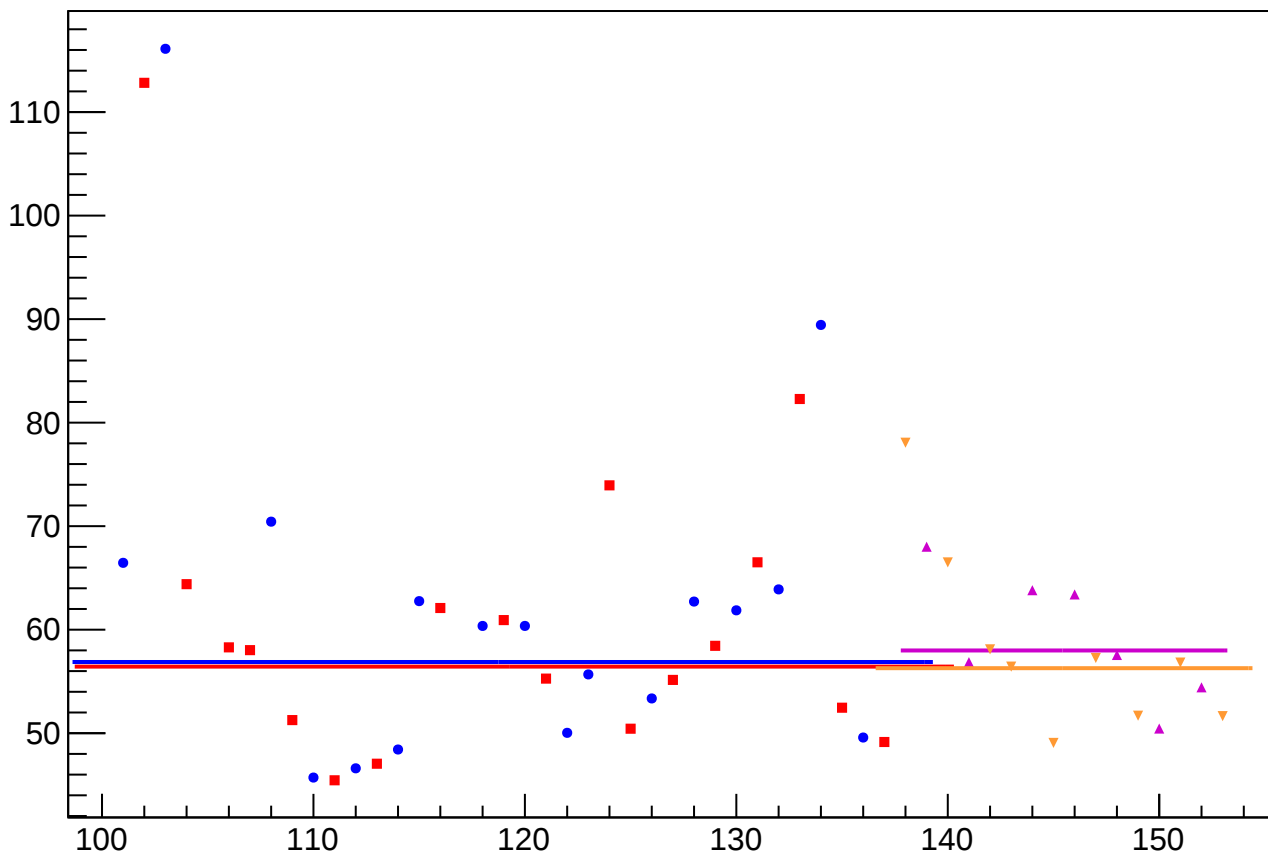
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 40.291 $\pm$ 16.574 χ^2 /NDF: 22.6/23

Out: 52.001 $\pm$ 15.640 χ^2 /NDF: 29.0/26

All: 46.485 $\pm$ 11.375 χ^2 /NDF: 51.8/50

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2 /NDF: 575487.1/16

Left Out: 56.281 $\pm$ 0.016 χ^2 /NDF: 207325.0/8

Right Out: 56.434 $\pm$ 0.016 χ^2 /NDF: 520456.9/17

Left In: 57.992 $\pm$ 0.017 χ^2 /NDF: 105849.2/6

Left: 57.054 $\pm$ 0.012 χ^2 /NDF: 318588.8/15

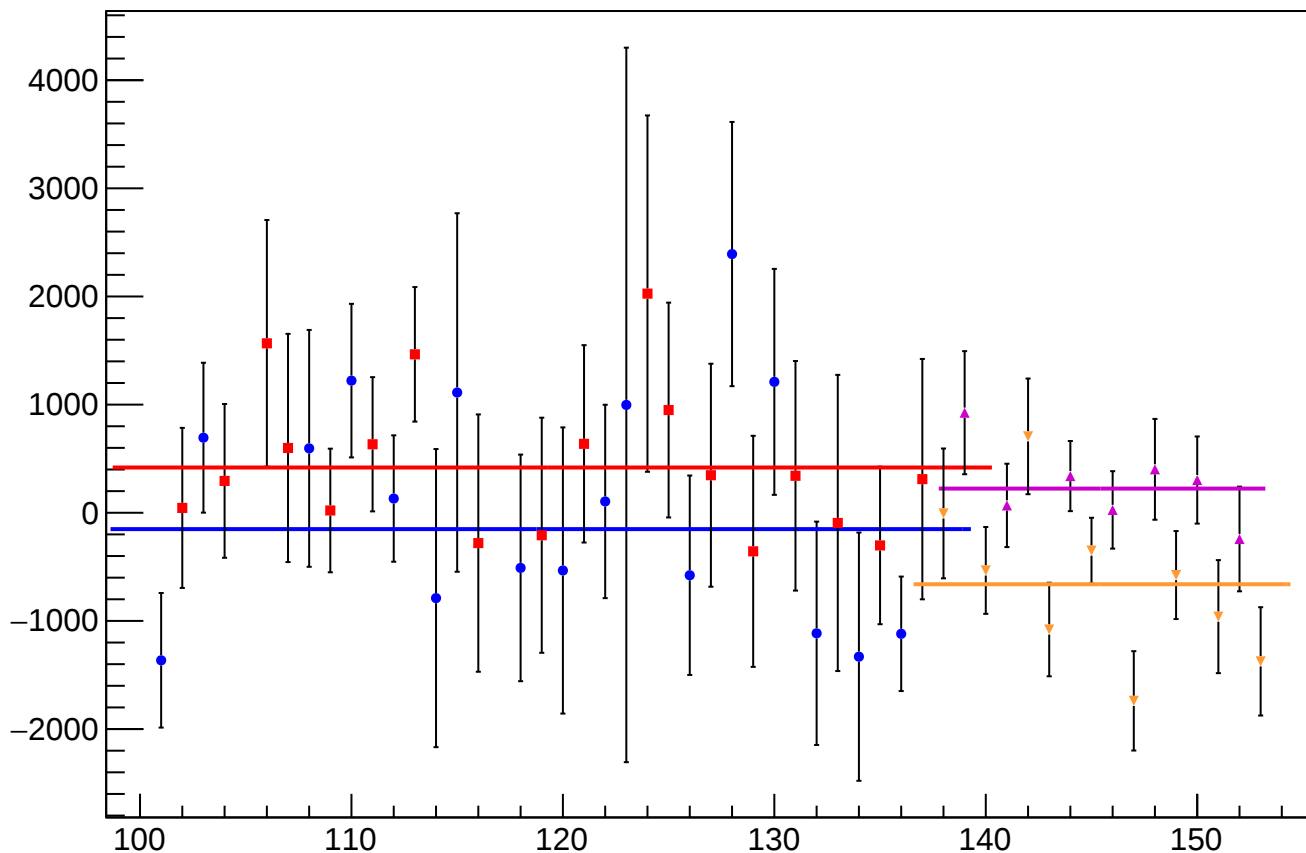
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 57.395 $\pm$ 0.012 χ^2 /NDF: 683580.9/23

Out: 56.358 $\pm$ 0.011 χ^2 /NDF: 727829.6/26

All: 56.846 $\pm$ 0.008 χ^2 /NDF: 1415553.3/50

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: -660.871 $\pm$ 145.687 χ^2 /NDF:17.7/8

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 223.592 $\pm$ 153.989 χ^2 /NDF:3.2/6

Left: -243.121 $\pm$ 105.830 χ^2 /NDF: 38.4/15

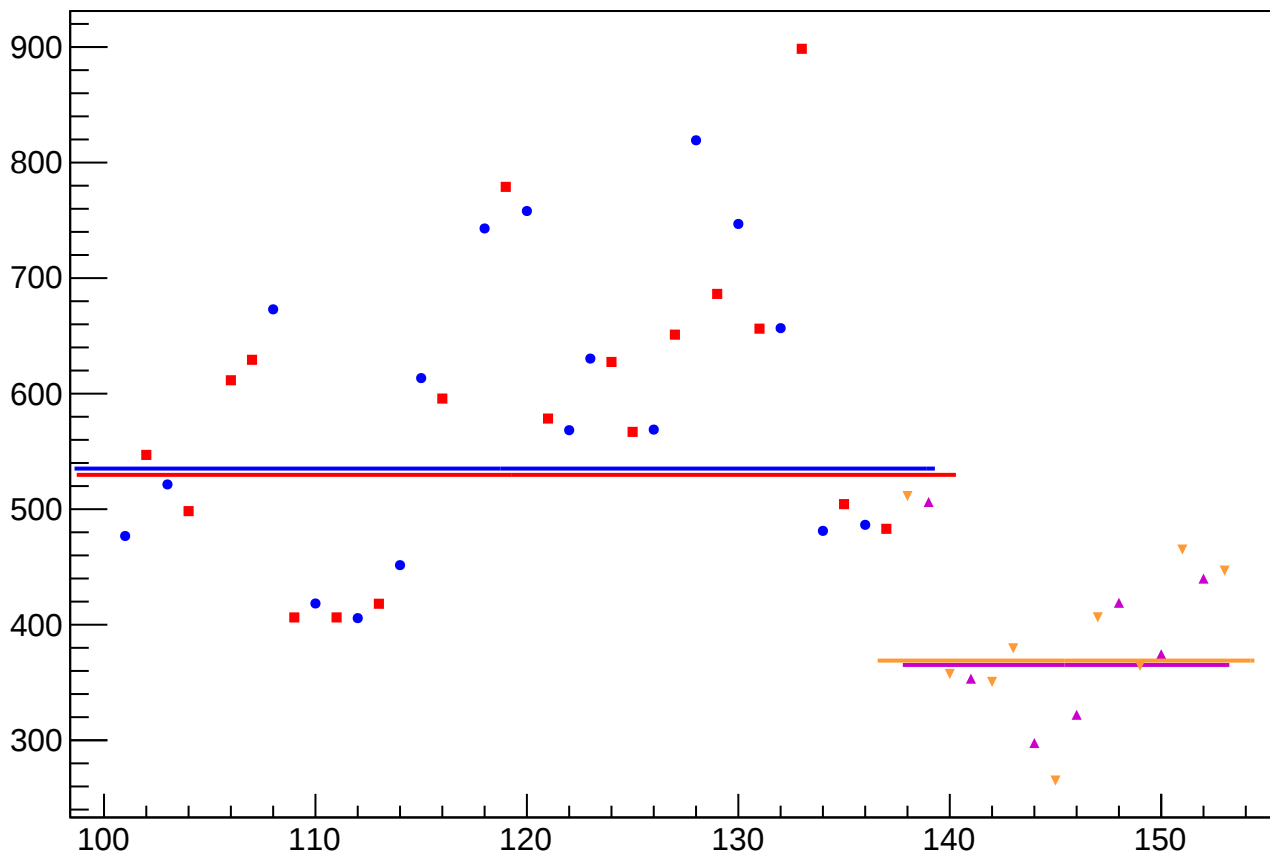
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 94.506 $\pm$ 124.681 χ^2 /NDF:27.7/23

Out: -298.791 $\pm$ 118.765 χ^2 /NDF:44.5/26

All: -111.693 $\pm$ 85.995 χ^2 /NDF: 77.5/50

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: 368.965 $\pm$ 0.103 χ^2 /NDF: 481619.8/8

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 365.197 $\pm$ 0.109 χ^2 /NDF: 316012.0/6

Left: 367.185 $\pm$ 0.075 χ^2 /NDF: 798264.0/15

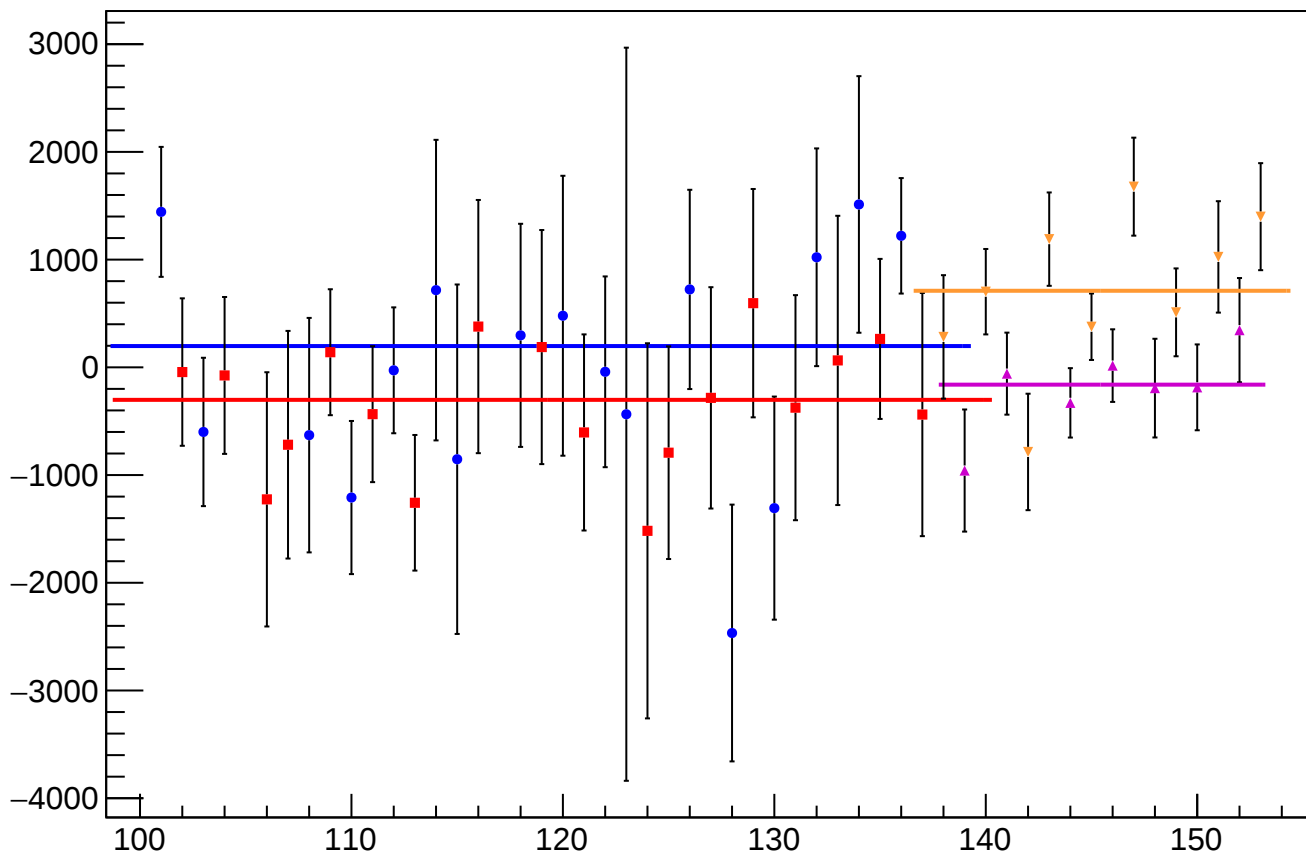
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 423.729 $\pm$ 0.088 χ^2 /NDF: 1751060.0/23

Out: 422.888 $\pm$ 0.084 χ^2 /NDF: 1945161.0/26

All: 423.288 $\pm$ 0.061 χ^2 /NDF: 3696268.6/50

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2 /NDF: 23.9/16

Left Out: 710.763 $\pm$ 145.414 χ^2 /NDF:17.7/8

Right Out: -301.856 $\pm$ 205.700 χ^2 /NDF: 6.7/17

Left In: -160.765 $\pm$ 151.131 χ^2 /NDF:3.7/6

Left: 291.795 $\pm$ 104.786 χ^2 /NDF: 38.6/15

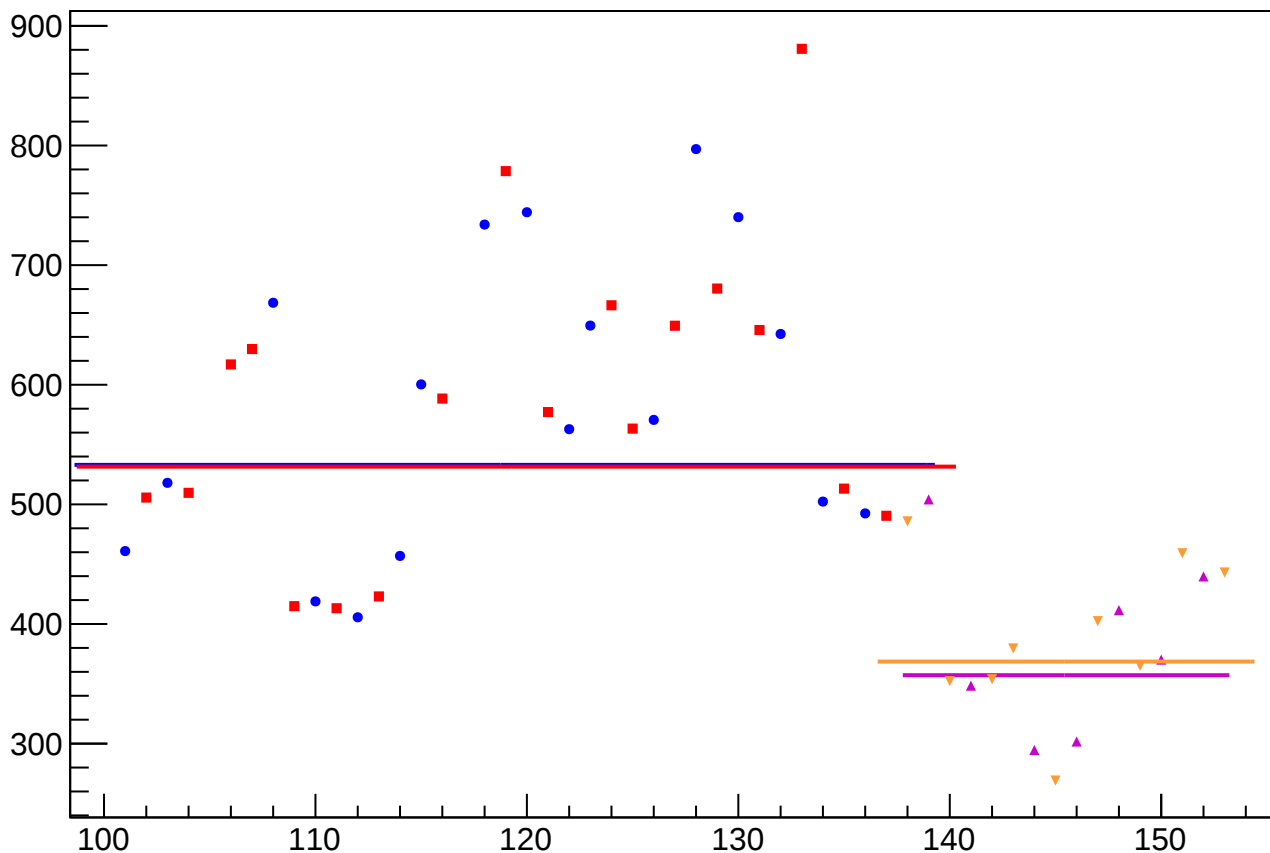
Right: -59.066 $\pm$ 147.453 χ^2 /NDF: 33.5/34

In: -39.630 $\pm$ 122.960 χ^2 /NDF:29.5/23

Out: 373.339 $\pm$ 118.740 χ^2 /NDF:40.5/26

All: 174.063 $\pm$ 85.415 χ^2 /NDF: 75.9/50

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031+/-0.150 χ^2/NDF : 566851.1/16

Left Out: 368.594+/-0.103 χ^2/NDF : 415115.9/8

Right Out: 531.559+/-0.145 χ^2/NDF : 597920.9/17

Left In: 357.209+/-0.107 χ^2/NDF : 353565.7/6

Left: 363.121+/-0.074 χ^2/NDF : 774575.4/15

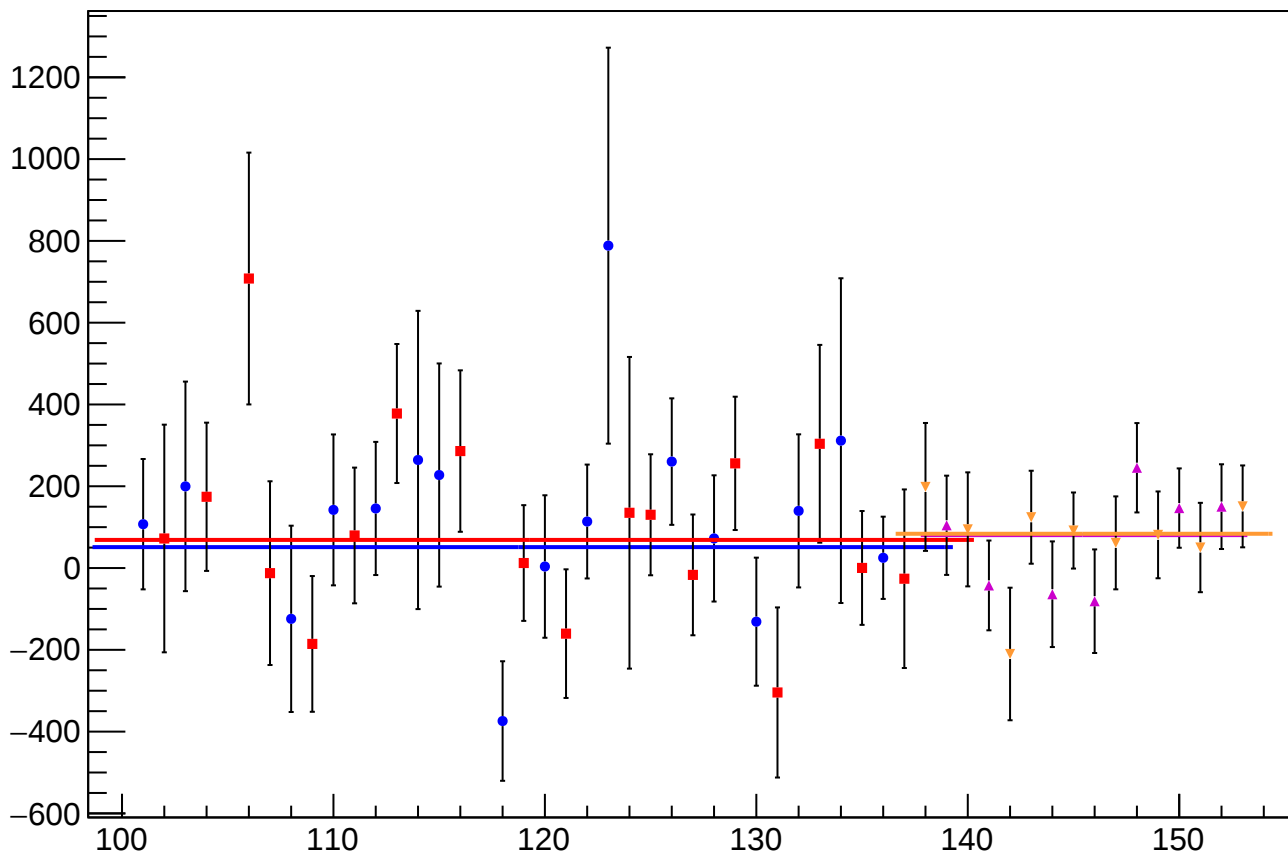
Right: 532.275+/-0.104 χ^2/NDF : 1164821.8/34

In: 416.647+/-0.087 χ^2/NDF : 1835504.2/23

Out: 422.897+/-0.084 χ^2/NDF : 1850058.8/26

All: 419.881+/-0.060 χ^2/NDF : 3688236.8/50

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 51.166 $\pm$ 42.416 χ^2 /NDF: 17.4/16

Left Out: 83.812 $\pm$ 38.545 χ^2 /NDF: 4.5/8

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 80.504 $\pm$ 42.398 χ^2 /NDF: 7.4/6

Left: 82.315 $\pm$ 28.520 χ^2 /NDF: 11.9/15

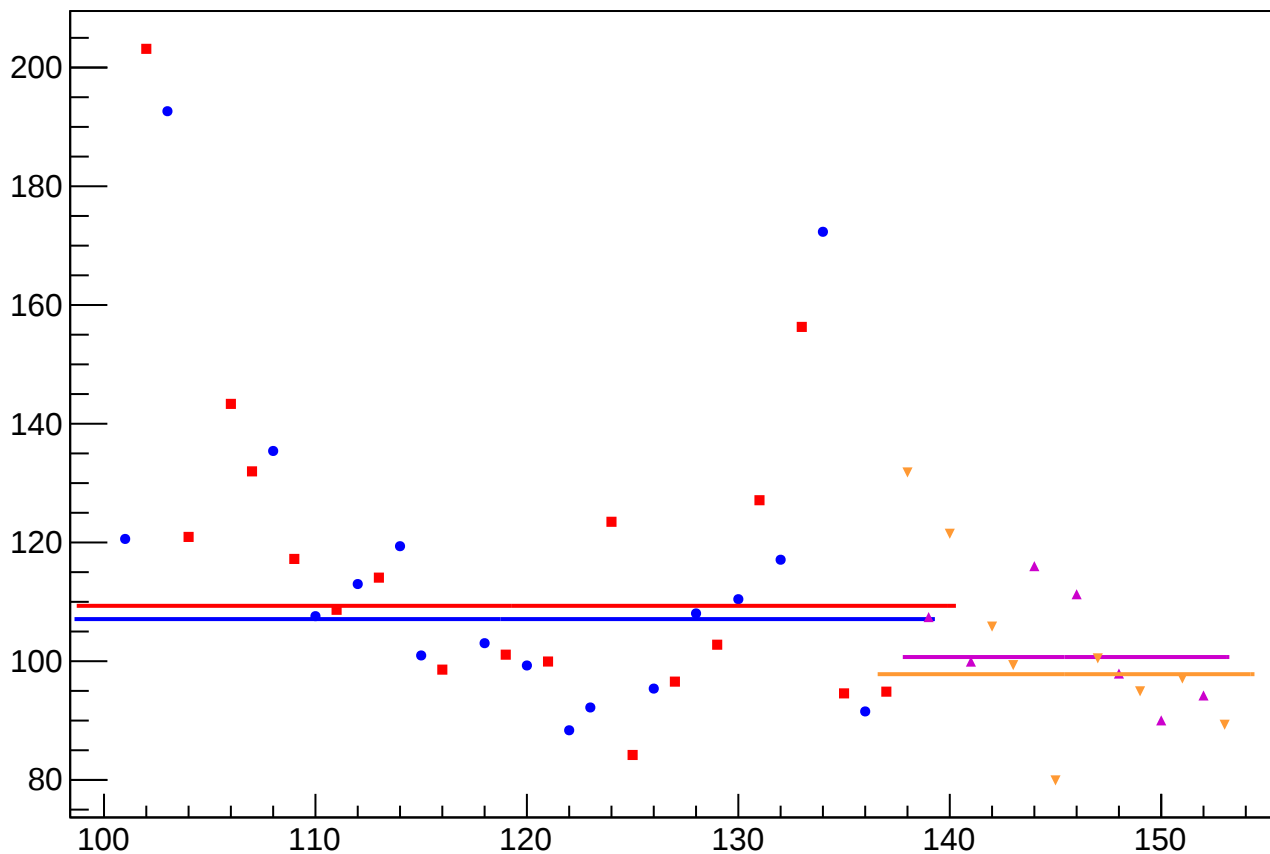
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 65.841 $\pm$ 29.986 χ^2 /NDF: 25.0/23

Out: 77.080 $\pm$ 28.643 χ^2 /NDF: 25.0/26

All: 71.718 $\pm$ 20.712 χ^2 /NDF: 50.1/50

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: 97.815 $\pm$ 0.027 χ^2 /NDF:248379.7/8

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 100.704 $\pm$ 0.030 χ^2 /NDF:81580.0/6

Left: 99.122 $\pm$ 0.020 χ^2 /NDF: 335043.4/15

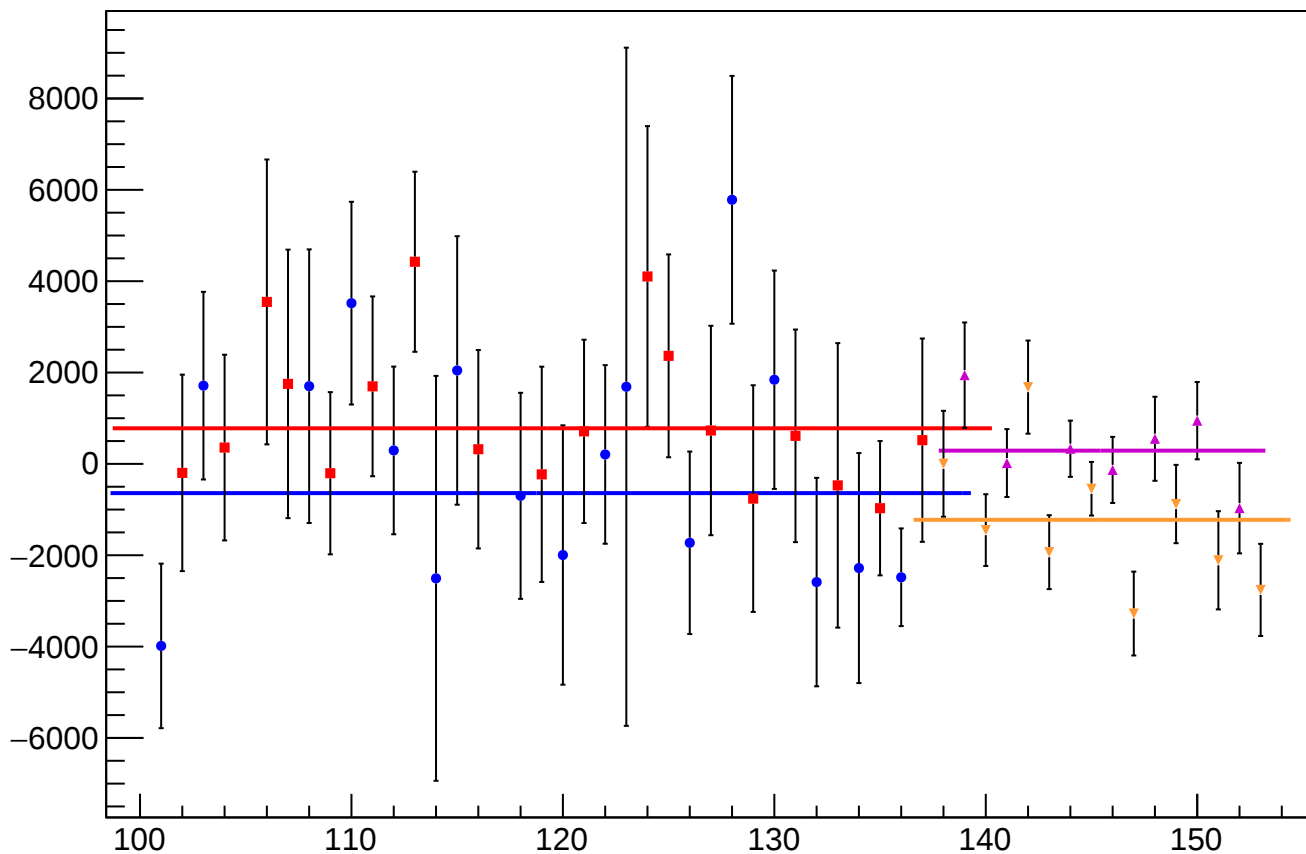
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 103.897 $\pm$ 0.021 χ^2 /NDF:542039.2/23

Out: 102.971 $\pm$ 0.020 χ^2 /NDF:834320.3/26

All: 103.413 $\pm$ 0.015 χ^2 /NDF: 1377357.8/50

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1224.532 ± 286.885 $\chi^2/\text{NDF}: 19.6/8$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 289.865 ± 305.686 $\chi^2/\text{NDF}: 4.8/6$

Left: -515.335 ± 209.189 $\chi^2/\text{NDF}: 37.5/15$

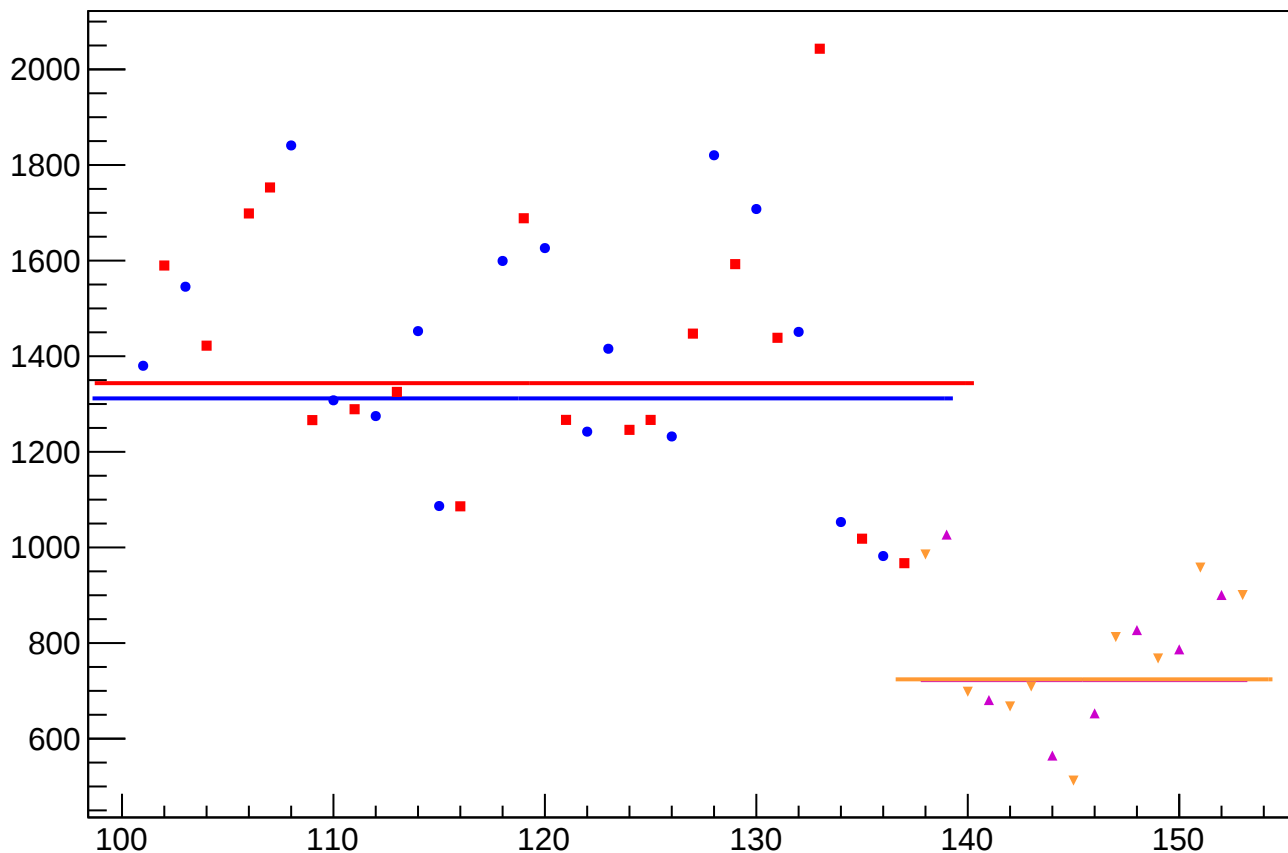
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 50.578 ± 263.427 $\chi^2/\text{NDF}: 29.0/23$

Out: -751.975 ± 250.789 $\chi^2/\text{NDF}: 39.9/26$

All: -370.411 ± 181.638 $\chi^2/\text{NDF}: 73.8/50$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 724.115+/-0.203 χ^2/NDF : 550152.1/8

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 722.495+/-0.216 χ^2/NDF : 397565.5/6

Left: 723.356+/-0.148 χ^2/NDF : 947747.4/15

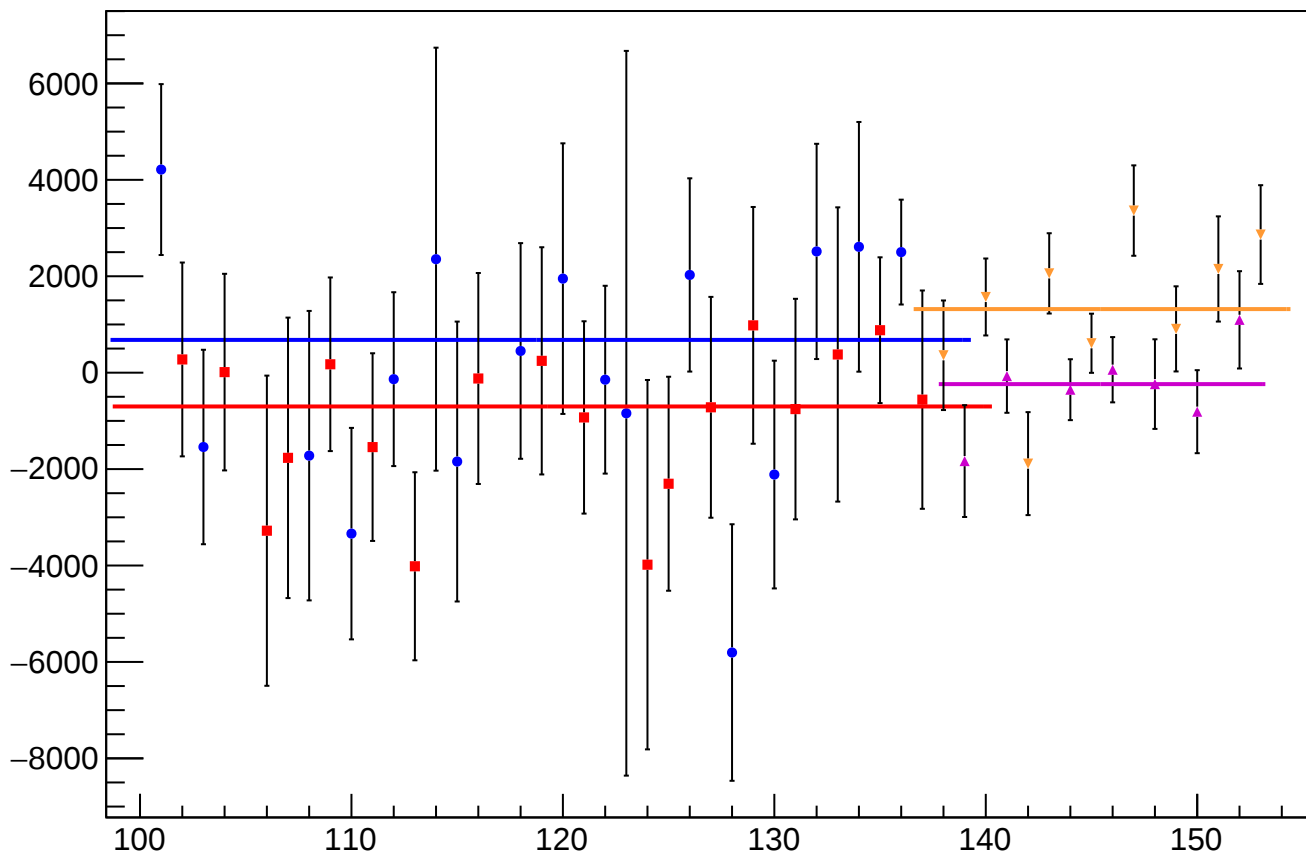
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 874.168+/-0.186 χ^2/NDF : 2823265.6/23

Out: 870.209+/-0.177 χ^2/NDF : 3210640.8/26

All: 872.091+/-0.128 χ^2/NDF : 6034143.3/50

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2 /NDF: 22.6/16

Left Out: 1319.033 $\pm$ 294.453 χ^2 /NDF:19.8/8

Right Out: -700.930 $\pm$ 517.319 χ^2 /NDF: 7.6/17

Left In: -237.246 $\pm$ 306.480 χ^2 /NDF:4.4/6

Left: 572.026 $\pm$ 212.334 χ^2 /NDF: 37.5/15

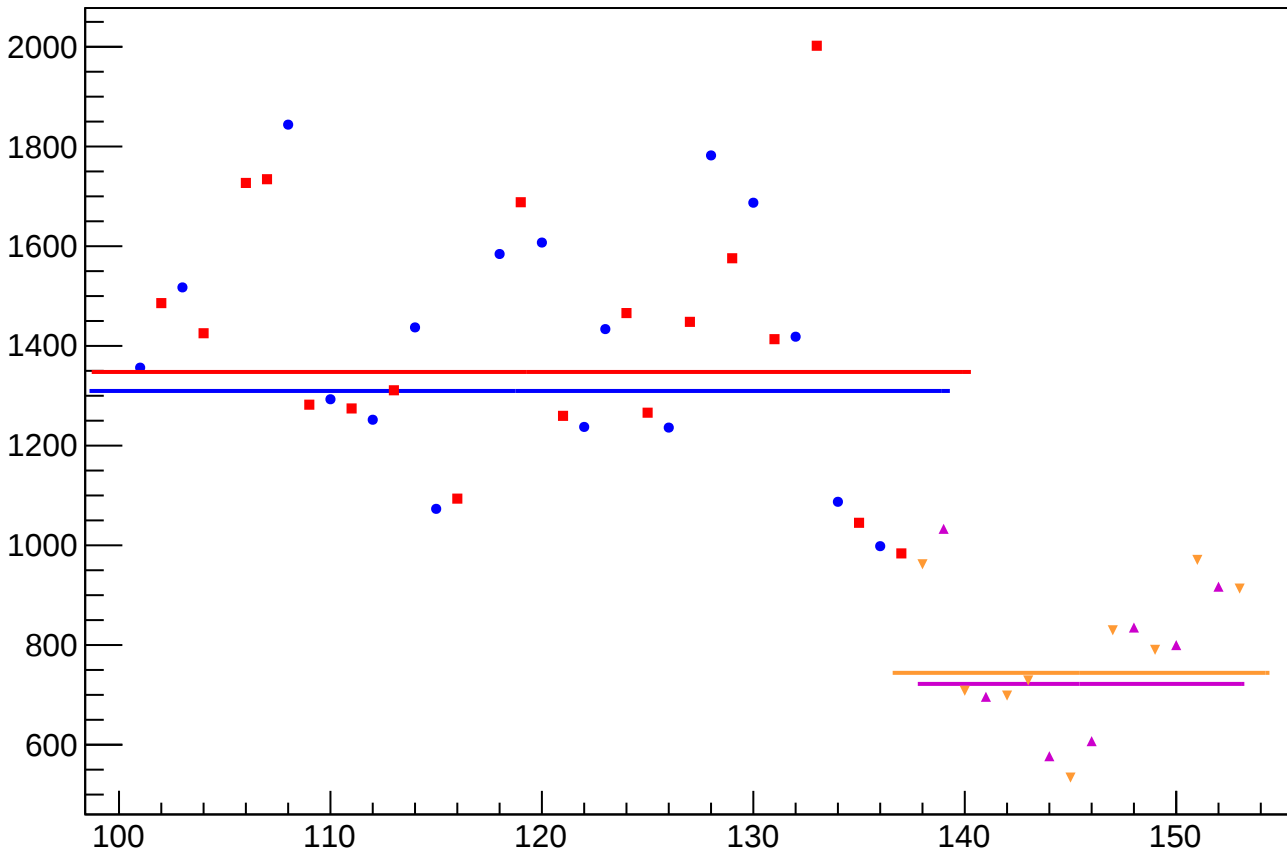
Right: -10.753 $\pm$ 365.867 χ^2 /NDF: 33.8/34

In: 0.905 $\pm$ 263.705 χ^2 /NDF:29.2/23

Out: 824.747 $\pm$ 255.903 χ^2 /NDF:38.9/26

All: 425.192 $\pm$ 183.647 χ^2 /NDF: 73.2/50

asym sam 2468 avg_rms vs Slug, Sign Corrected



Right In: 1309.654+/-0.366 χ^2/NDF : 459314.8/16

Left Out: 744.205+/-0.208 χ^2/NDF :479110.4/8

Right Out: 1347.768 ± 0.366 χ^2/NDF : 405345.0/17

Left In: 722.001+/-0.217 χ^2/NDF :429867.5/6

Left: 733.547 ± 0.150 $\chi^2/\text{NDF}: 914436.7/15$

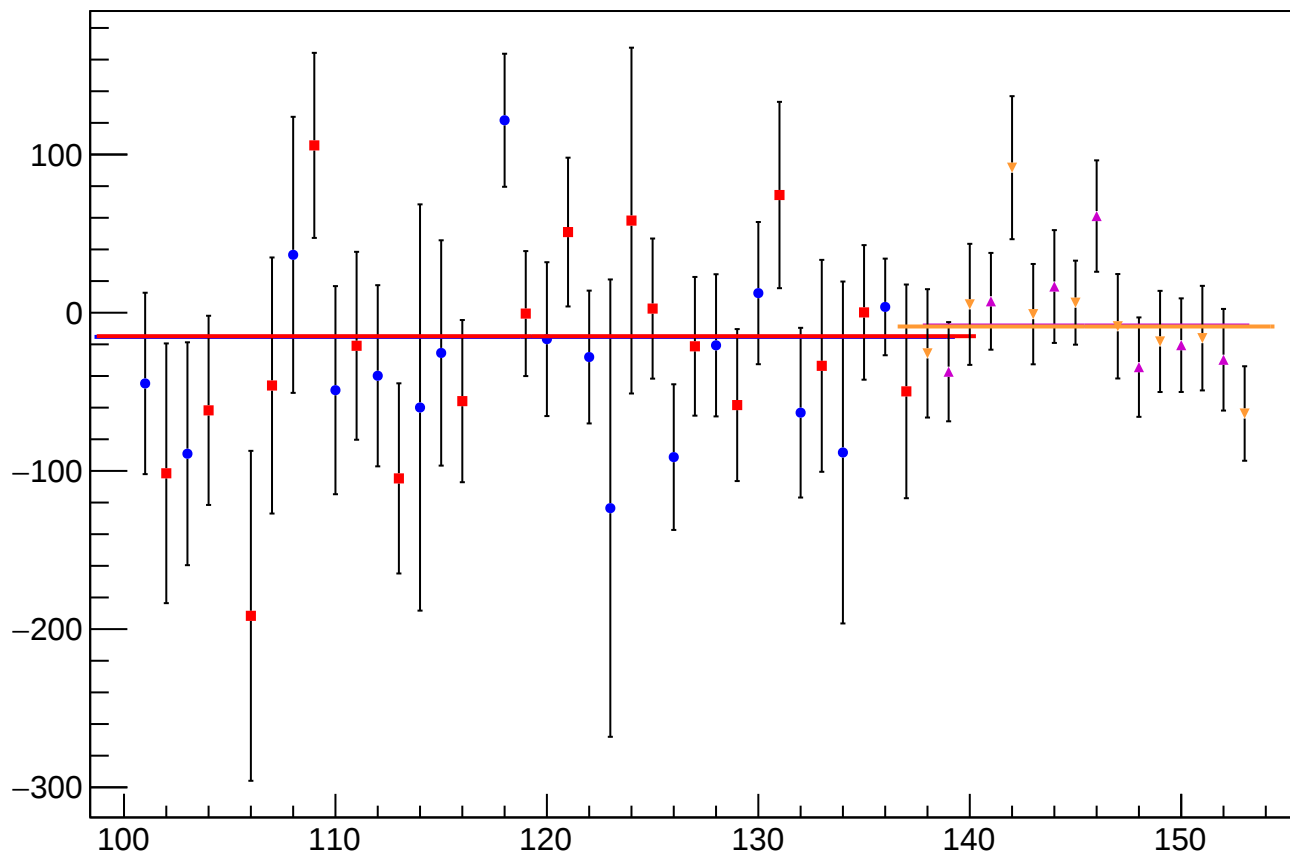
Right: 1328.718+/-0.259 χ^2/NDF : 870085.9/34

In: 874.590+/-0.186 χ^2/NDF :2798465.2/23

Out: 891.897+/-0.181 χ^2/NDF :2940706.1/26

All: 883.503 ± 0.130 $\chi^2/\text{NDF}: 5743608.1/50$

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: -8.711 ± 11.094 χ^2/NDF : 9.2/8

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -8.087 ± 12.124 χ^2/NDF : 6.8/6

Left: -8.427 ± 8.185 χ^2/NDF : 15.9/15

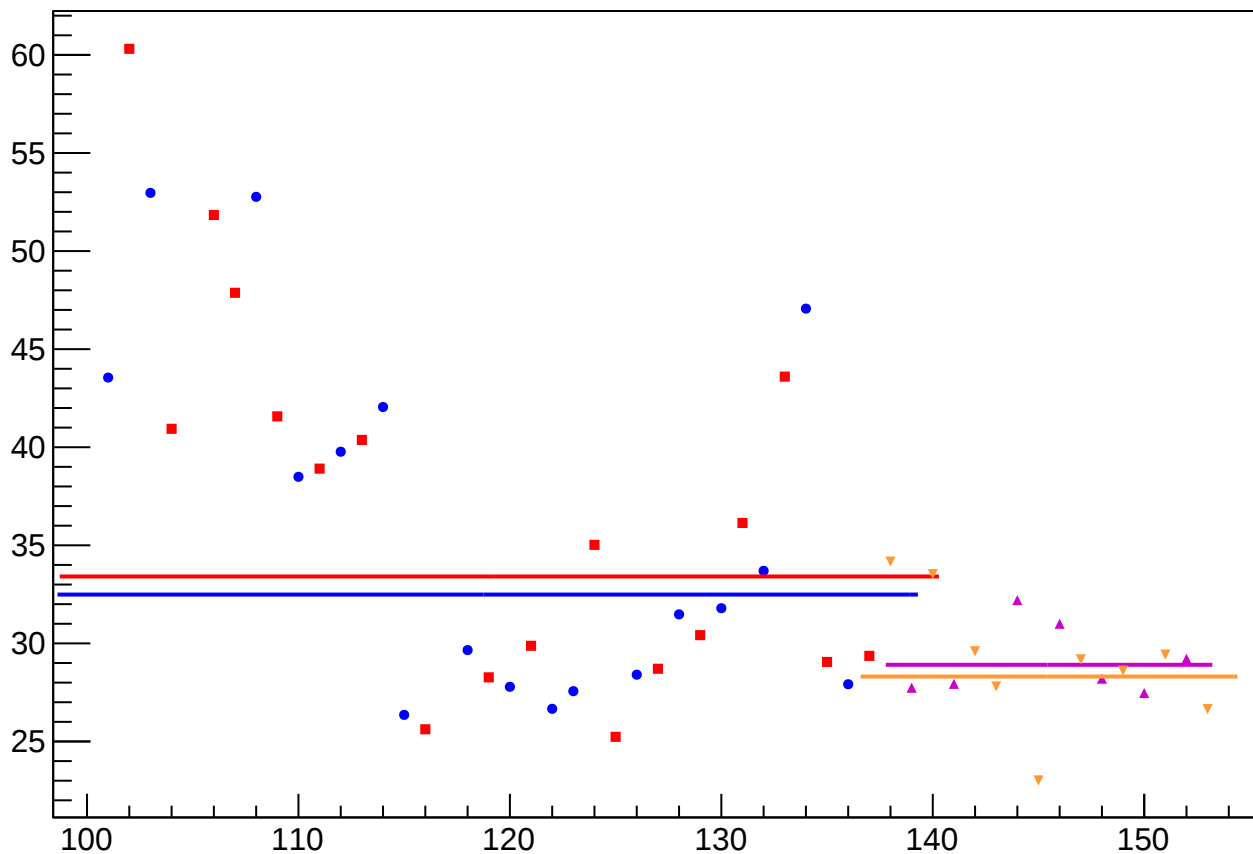
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -11.459 ± 8.837 χ^2/NDF : 25.3/23

Out: -11.271 ± 8.465 χ^2/NDF : 27.5/26

All: -11.361 ± 6.113 χ^2/NDF : 52.7/50

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489 $\pm$ 0.009 χ^2 /NDF: 594480.9/16

Left Out: 28.310 $\pm$ 0.008 χ^2 /NDF: 170688.6/8

Right Out: 33.411 $\pm$ 0.009 χ^2 /NDF: 725189.8/17

Left In: 28.909 $\pm$ 0.009 χ^2 /NDF: 34880.3/6

Left: 28.583 $\pm$ 0.006 χ^2 /NDF: 208221.9/15

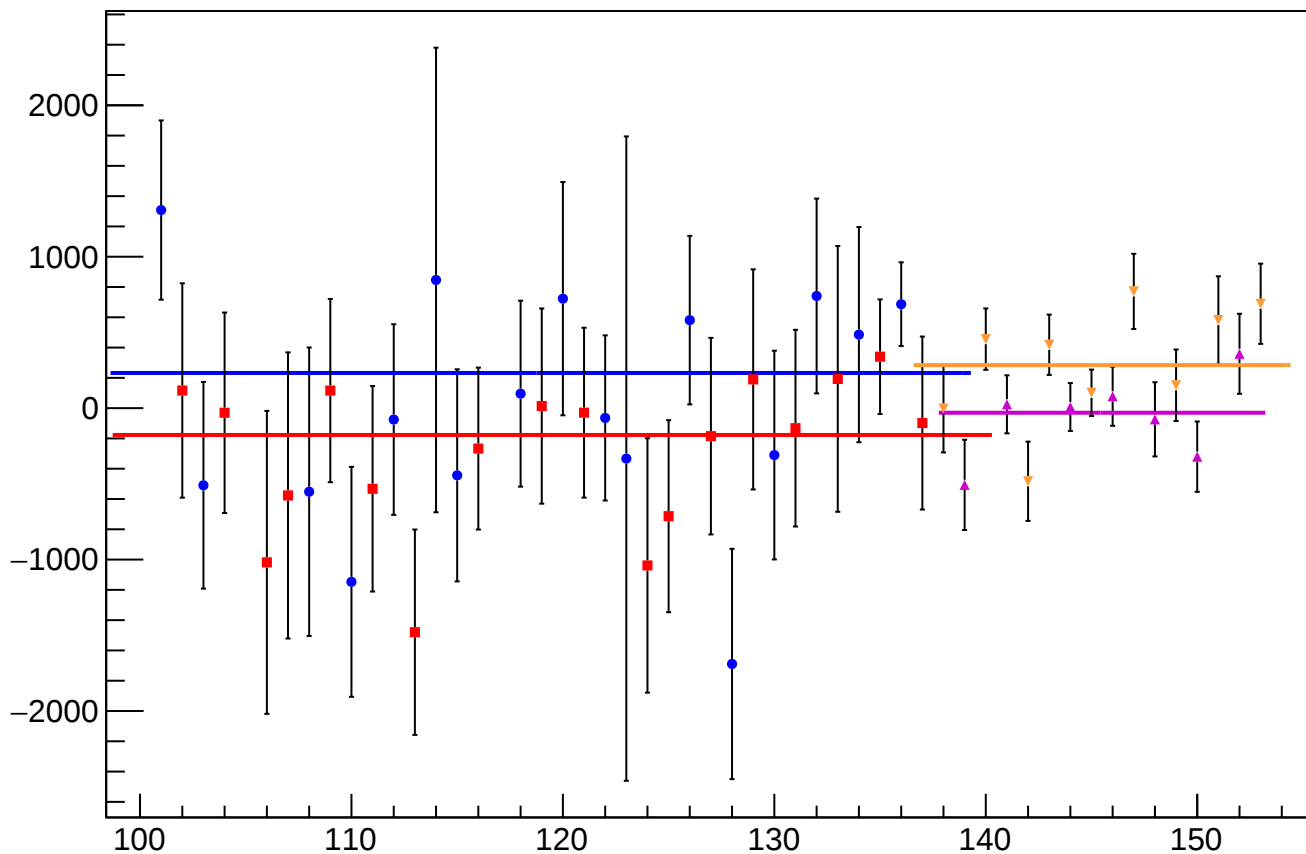
Right: 32.943 $\pm$ 0.007 χ^2 /NDF: 1324698.1/34

In: 30.587 $\pm$ 0.006 χ^2 /NDF: 711126.0/23

Out: 30.441 $\pm$ 0.006 χ^2 /NDF: 1072517.1/26

All: 30.511 $\pm$ 0.004 χ^2 /NDF: 1783927.5/50

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: 284.253 $\pm$ 74.727 χ^2 /NDF:19.7/8

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -30.366 $\pm$ 80.487 χ^2 /NDF:6.8/6

Left: 138.604 $\pm$ 54.763 χ^2 /NDF: 34.7/15

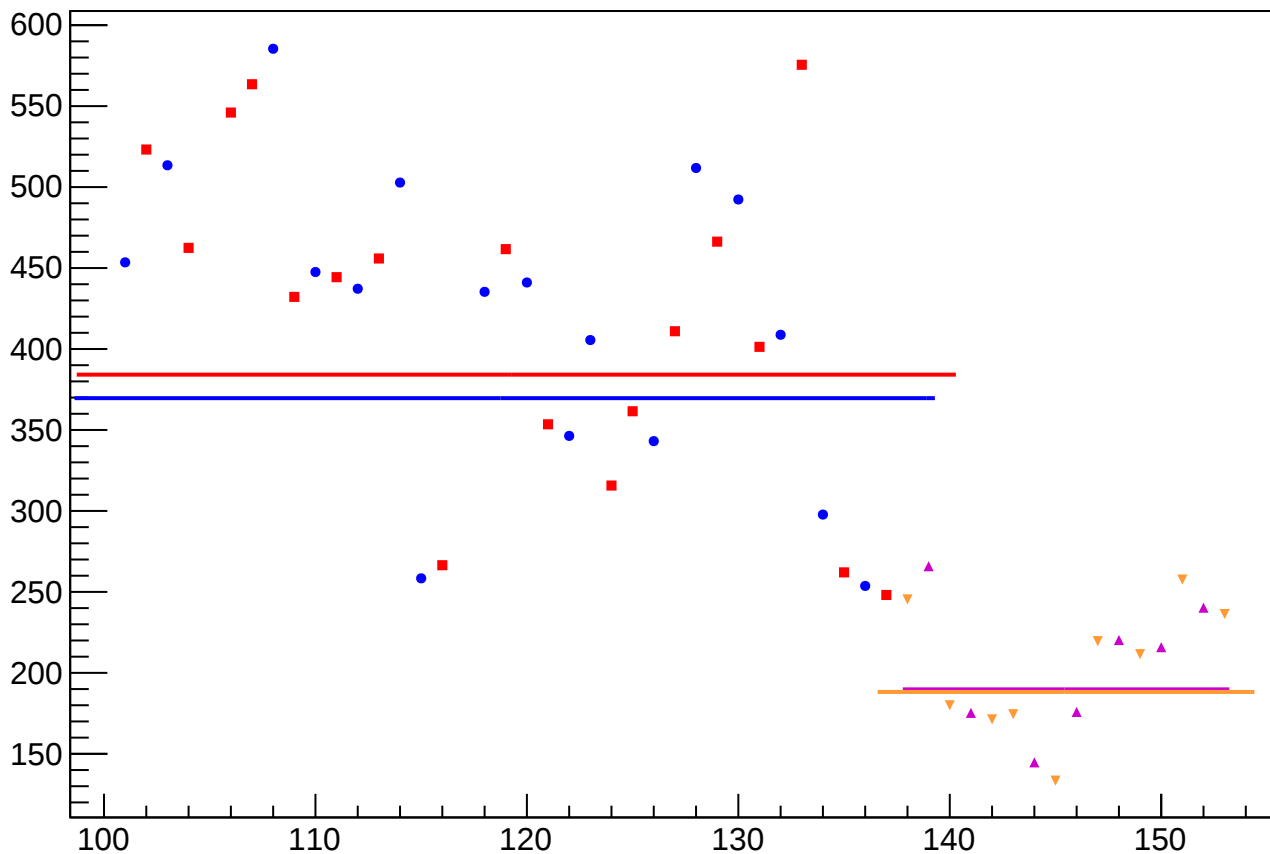
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 29.216 $\pm$ 70.773 χ^2 /NDF:30.6/23

Out: 192.513 $\pm$ 66.886 χ^2 /NDF:36.9/26

All: 115.471 $\pm$ 48.612 χ^2 /NDF: 70.3/50

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: 188.226 $\pm$ 0.053 χ^2 /NDF: 587552.3/8

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 189.816 $\pm$ 0.057 χ^2 /NDF: 443497.2/6

Left: 188.962 $\pm$ 0.039 χ^2 /NDF: 1031468.4/15

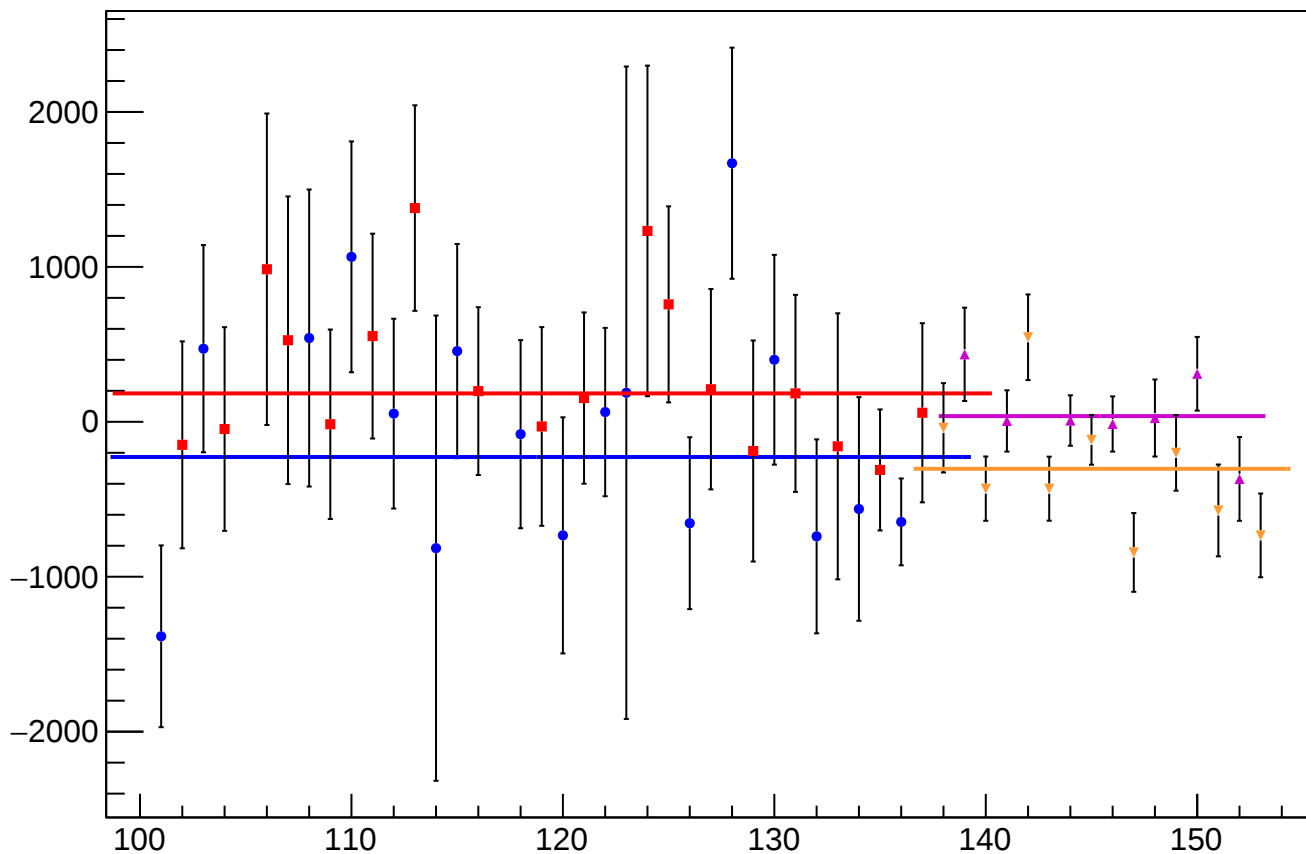
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 230.603 $\pm$ 0.050 χ^2 /NDF: 3610820.9/23

Out: 227.185 $\pm$ 0.047 χ^2 /NDF: 4196708.1/26

All: 228.798 $\pm$ 0.034 χ^2 /NDF: 7809992.8/50

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -303.267+/-77.161 χ^2/NDF : 20.4/8

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 36.822+/-80.762 χ^2/NDF : 5.5/6

Left: -140.973+/-55.791 χ^2/NDF : 35.2/15

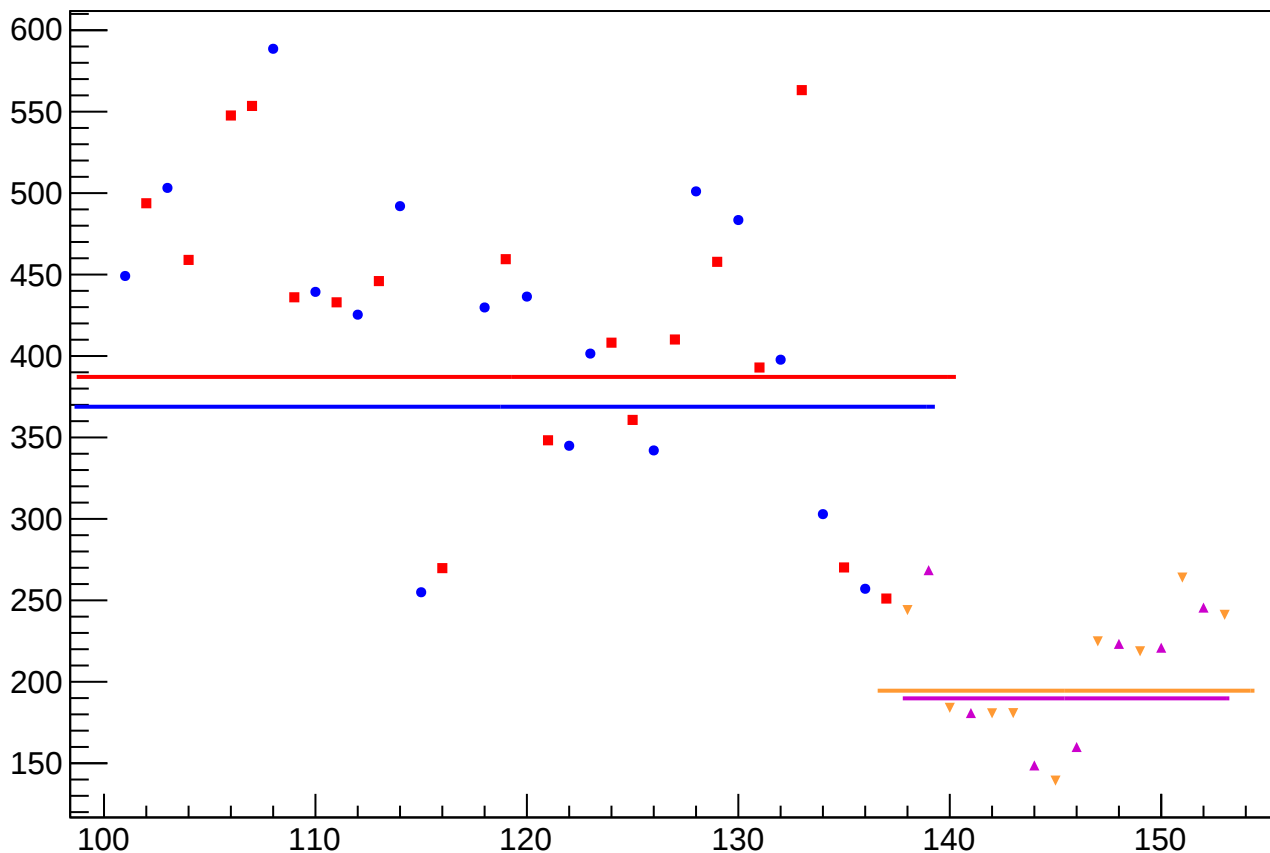
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: -23.825+/-70.885 χ^2/NDF : 29.7/23

Out: -201.971+/-68.662 χ^2/NDF : 37.5/26

All: -115.736+/-49.318 χ^2/NDF : 70.5/50

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: 194.542 $\pm$ 0.055 χ^2 /NDF: 532034.5/8

Right Out: 387.165 $\pm$ 0.106 χ^2 /NDF: 758108.0/17

Left In: 189.827 $\pm$ 0.057 χ^2 /NDF: 480025.0/6

Left: 192.292 $\pm$ 0.039 χ^2 /NDF: 1015623.6/15

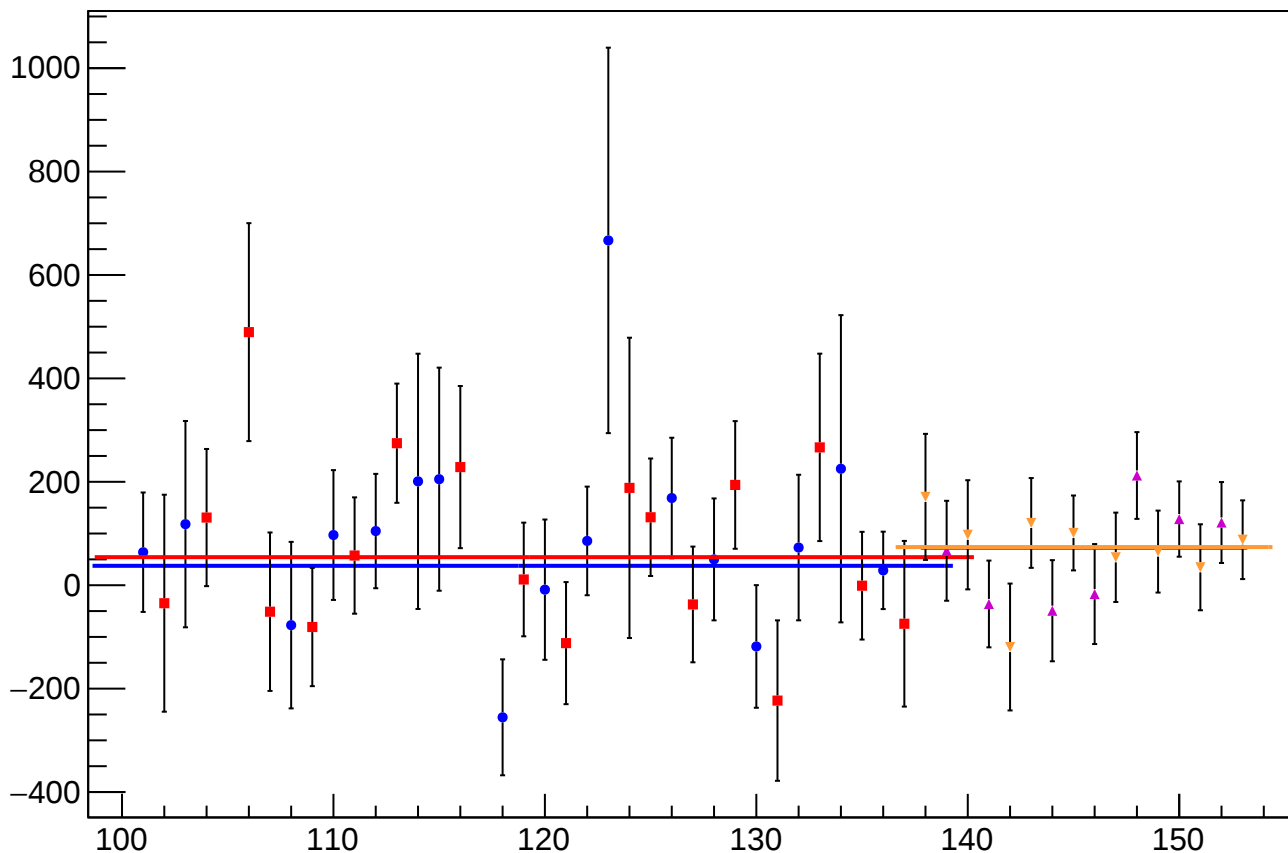
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 230.940 $\pm$ 0.050 χ^2 /NDF: 3566803.4/23

Out: 234.642 $\pm$ 0.049 χ^2 /NDF: 3884798.5/26

All: 232.850 $\pm$ 0.035 χ^2 /NDF: 7454415.7/50

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 37.535 $\pm$ 31.460 χ^2 /NDF: 15.8/16

Left Out: 73.775 $\pm$ 29.398 χ^2 /NDF: 3.9/8

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 72.347 $\pm$ 32.368 χ^2 /NDF: 7.8/6

Left: 73.129 $\pm$ 21.762 χ^2 /NDF: 11.8/15

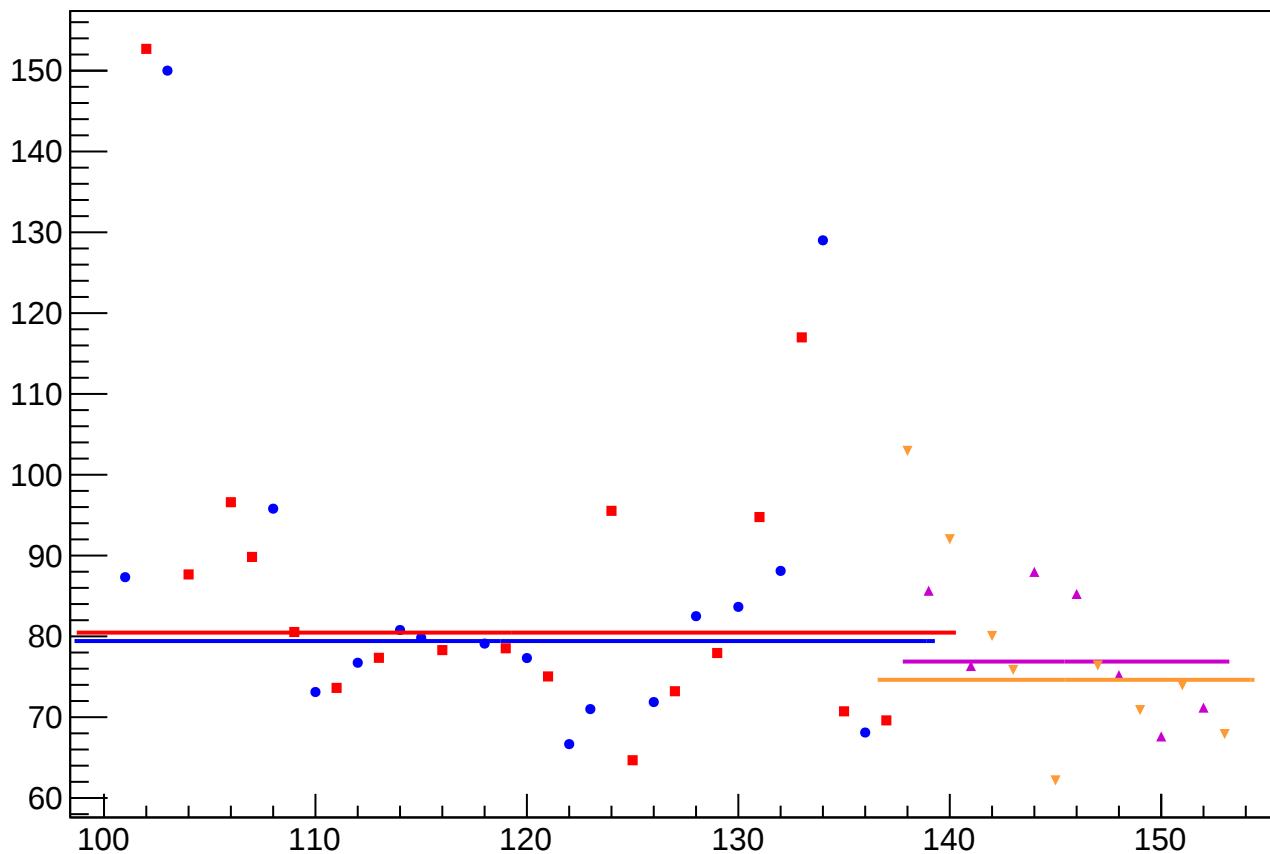
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 54.446 $\pm$ 22.560 χ^2 /NDF: 24.3/23

Out: 64.693 $\pm$ 21.489 χ^2 /NDF: 25.9/26

All: 59.819 $\pm$ 15.560 χ^2 /NDF: 50.3/50

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 ± 0.022 $\chi^2/\text{NDF}: 439047.1/16$

Left Out: 74.625 ± 0.021 $\chi^2/\text{NDF}: 246750.2/8$

Right Out: 80.465 ± 0.022 $\chi^2/\text{NDF}: 454376.0/17$

Left In: 76.883 ± 0.023 $\chi^2/\text{NDF}: 101007.9/6$

Left: 75.646 ± 0.015 $\chi^2/\text{NDF}: 353090.9/15$

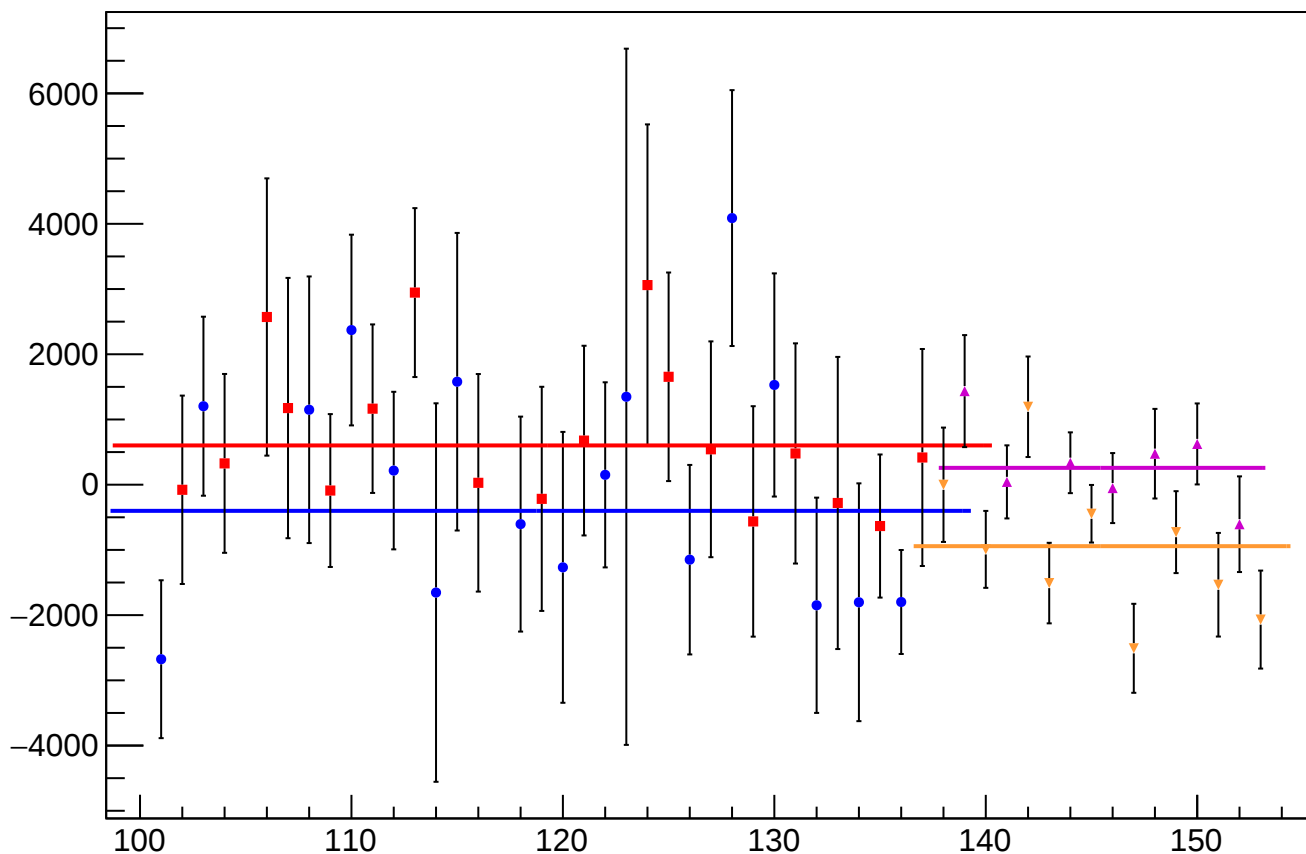
Right: 79.943 ± 0.016 $\chi^2/\text{NDF}: 894523.3/34$

In: 78.188 ± 0.016 $\chi^2/\text{NDF}: 546378.4/23$

Out: 77.345 ± 0.015 $\chi^2/\text{NDF}: 737881.6/26$

All: 77.746 ± 0.011 $\chi^2/\text{NDF}: 1285725.4/50$

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047+/-368.480 χ^2/NDF : 21.9/16

Left Out: -942.693+/-214.914 χ^2/NDF : 19.1/8

Right Out: 601.891+/-363.668 χ^2/NDF : 8.7/17

Left In: 258.128+/-228.315 χ^2/NDF : 4.2/6

Left: -378.556+/-156.490 χ^2/NDF : 38.0/15

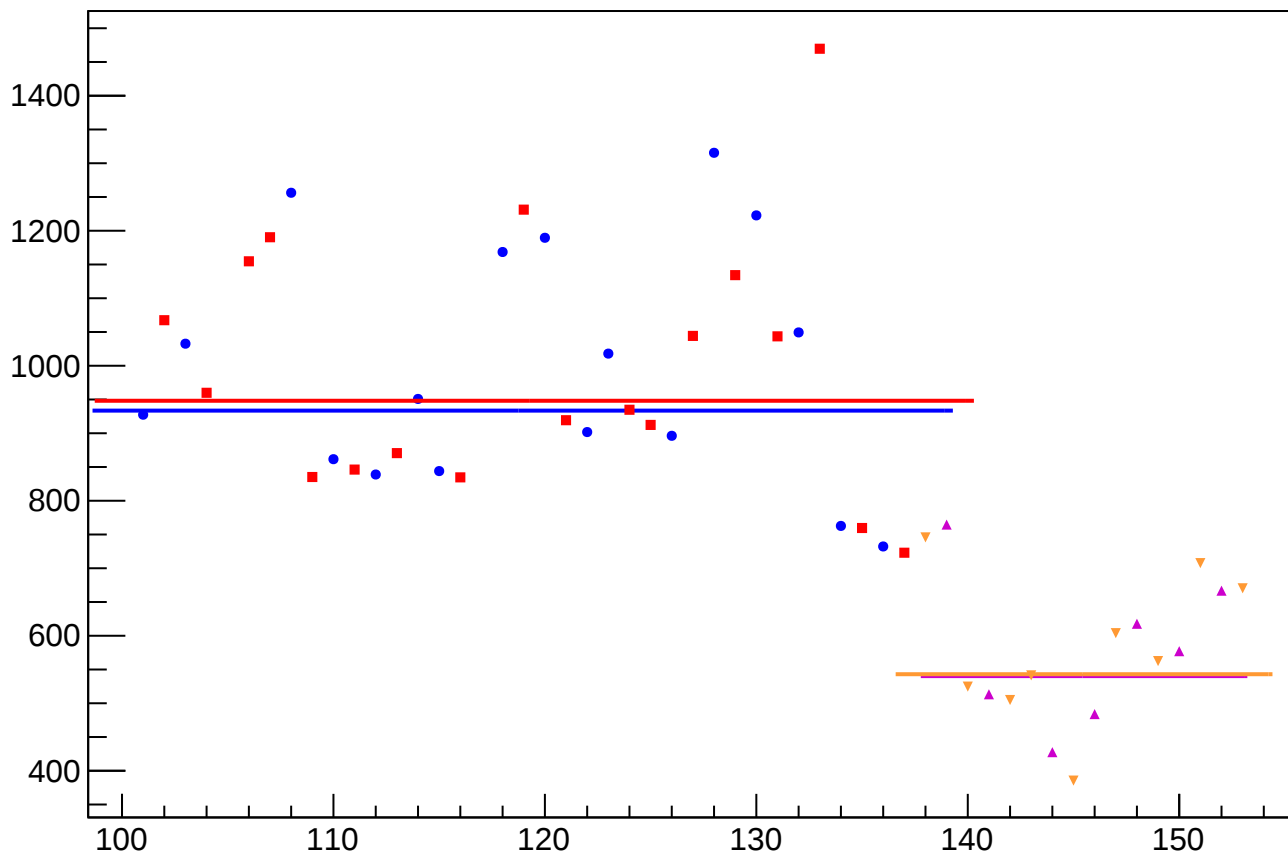
Right: 107.014+/-258.836 χ^2/NDF : 34.4/34

In: 75.263+/-194.079 χ^2/NDF : 28.5/23

Out: -542.893+/-185.021 χ^2/NDF : 41.2/26

All: -248.577+/-133.917 χ^2/NDF : 75.0/50

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530+/-0.261 χ^2/NDF : 442321.9/16

Left Out: 543.029+/-0.152 χ^2/NDF :529616.9/8

Right Out: 948.131+/-0.257 χ^2/NDF : 405153.7/17

Left In: 540.232+/-0.161 χ^2/NDF :372165.2/6

Left: 541.715+/-0.111 χ^2/NDF : 901941.3/15

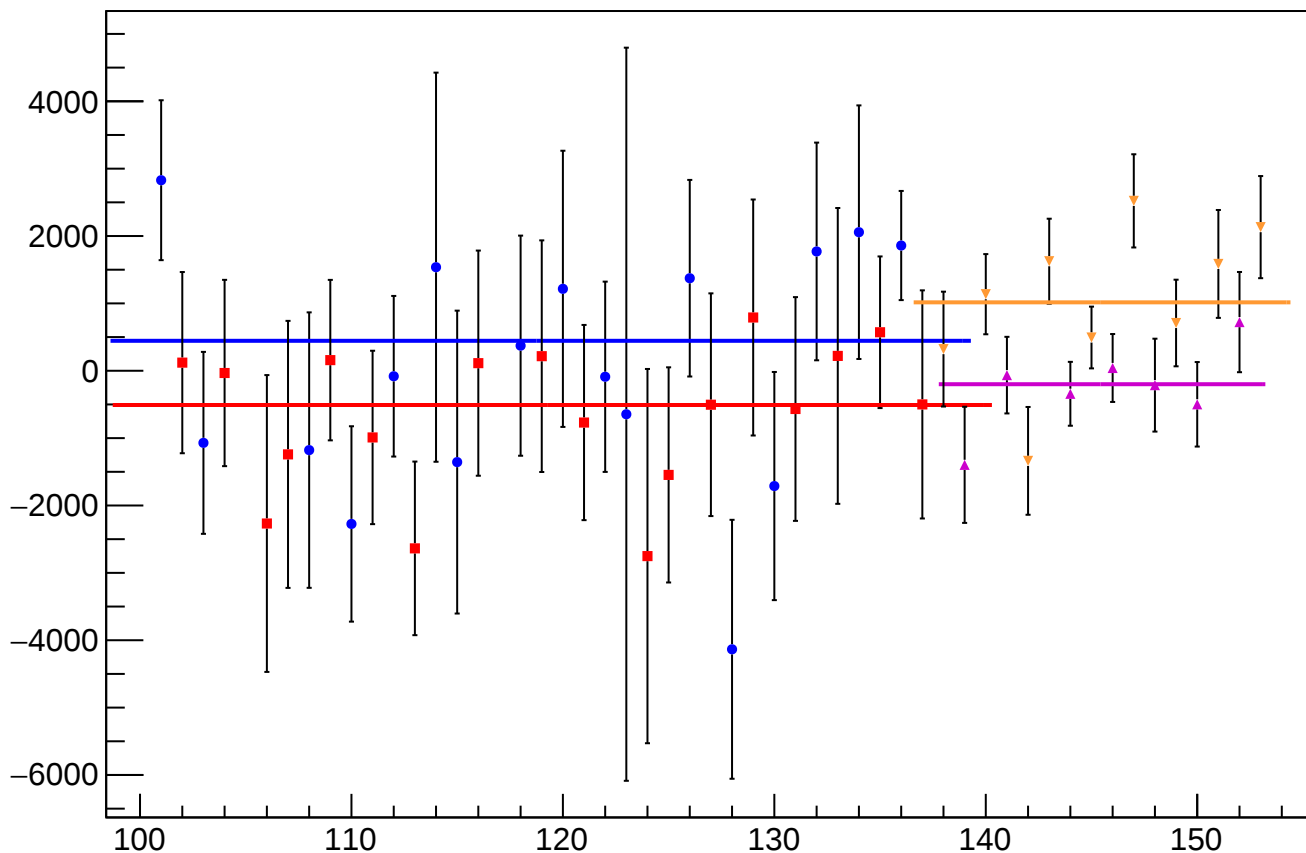
Right: 940.927+/-0.183 χ^2/NDF : 849066.3/34

In: 649.339+/-0.137 χ^2/NDF :2460890.5/23

Out: 647.886+/-0.131 χ^2/NDF :2774107.5/26

All: 648.577+/-0.095 χ^2/NDF : 5235056.7/50

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.547+/-219.034 χ^2/NDF : 19.2/8

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -199.713+/-227.775 χ^2/NDF : 4.1/6

Left: 431.682+/-157.880 χ^2/NDF : 38.1/15

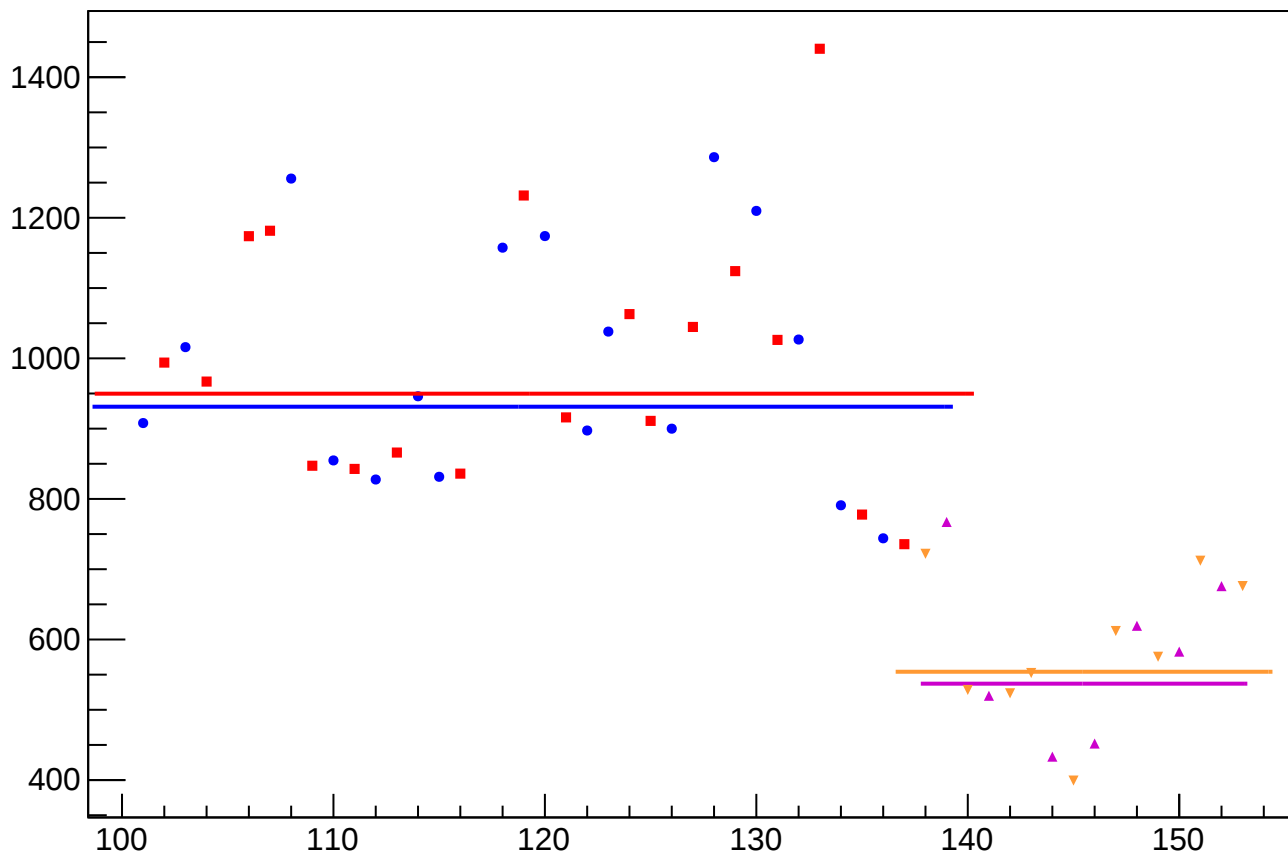
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -20.593+/-193.545 χ^2/NDF : 29.2/23

Out: 610.658+/-187.691 χ^2/NDF : 39.4/26

All: 304.724+/-134.740 χ^2/NDF : 74.1/50

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2/NDF : 400242.2/16

Left Out: 554.127 $\pm$ 0.155 χ^2/NDF :458217.3/8

Right Out: 949.740 $\pm$ 0.257 χ^2/NDF : 365550.8/17

Left In: 537.157 $\pm$ 0.161 χ^2/NDF :406062.2/6

Left: 545.974 $\pm$ 0.112 χ^2/NDF : 870047.8/15

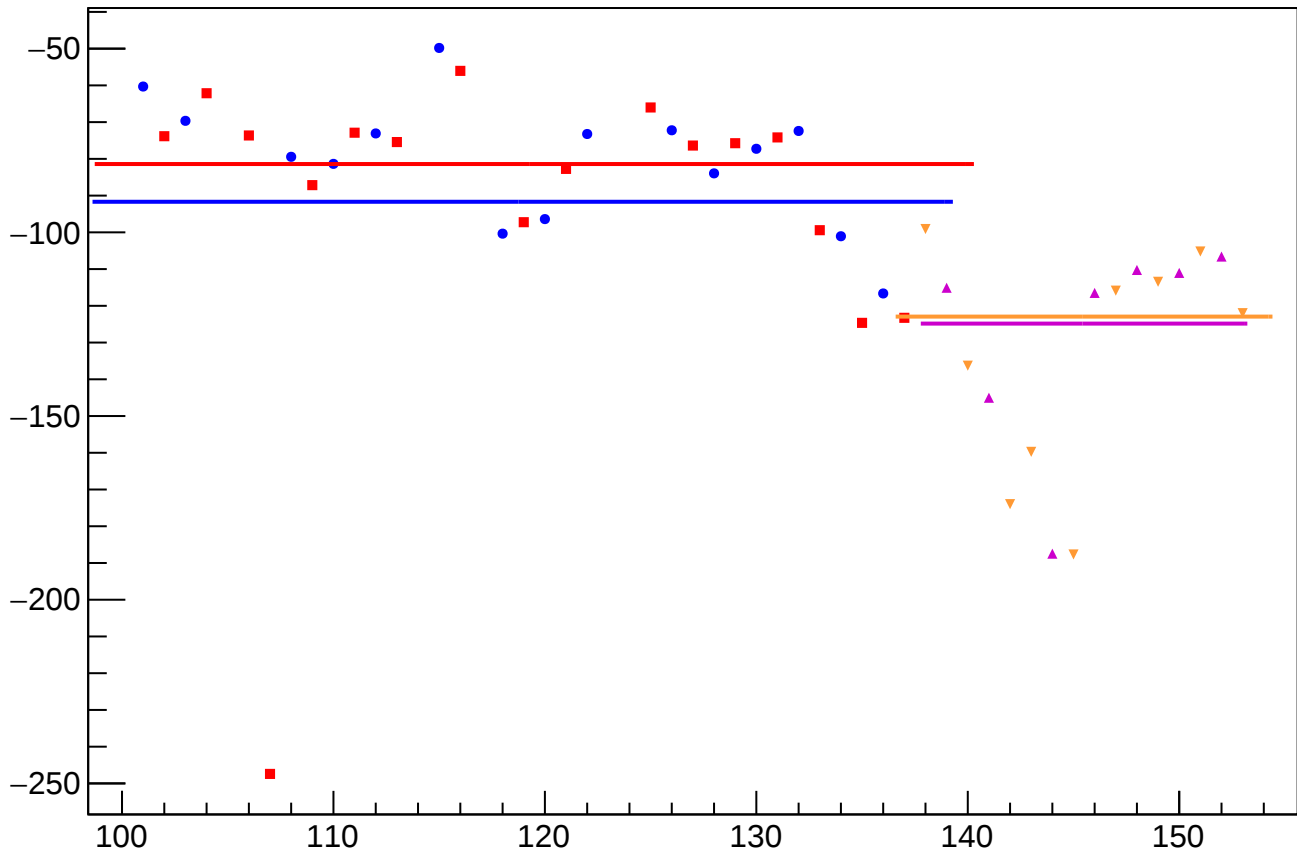
Right: 940.547 $\pm$ 0.183 χ^2/NDF : 768363.9/34

In: 646.690 $\pm$ 0.137 χ^2/NDF :2470148.4/23

Out: 659.248 $\pm$ 0.133 χ^2/NDF :2557436.2/26

All: 653.162 $\pm$ 0.095 χ^2/NDF : 5031923.6/50

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -122.935 ± 0.108 χ^2/NDF : 21196.9/8

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -124.841 ± 0.099 χ^2/NDF : 40607.4/6

Left: -123.966 ± 0.073 χ^2/NDF : 61974.1/15

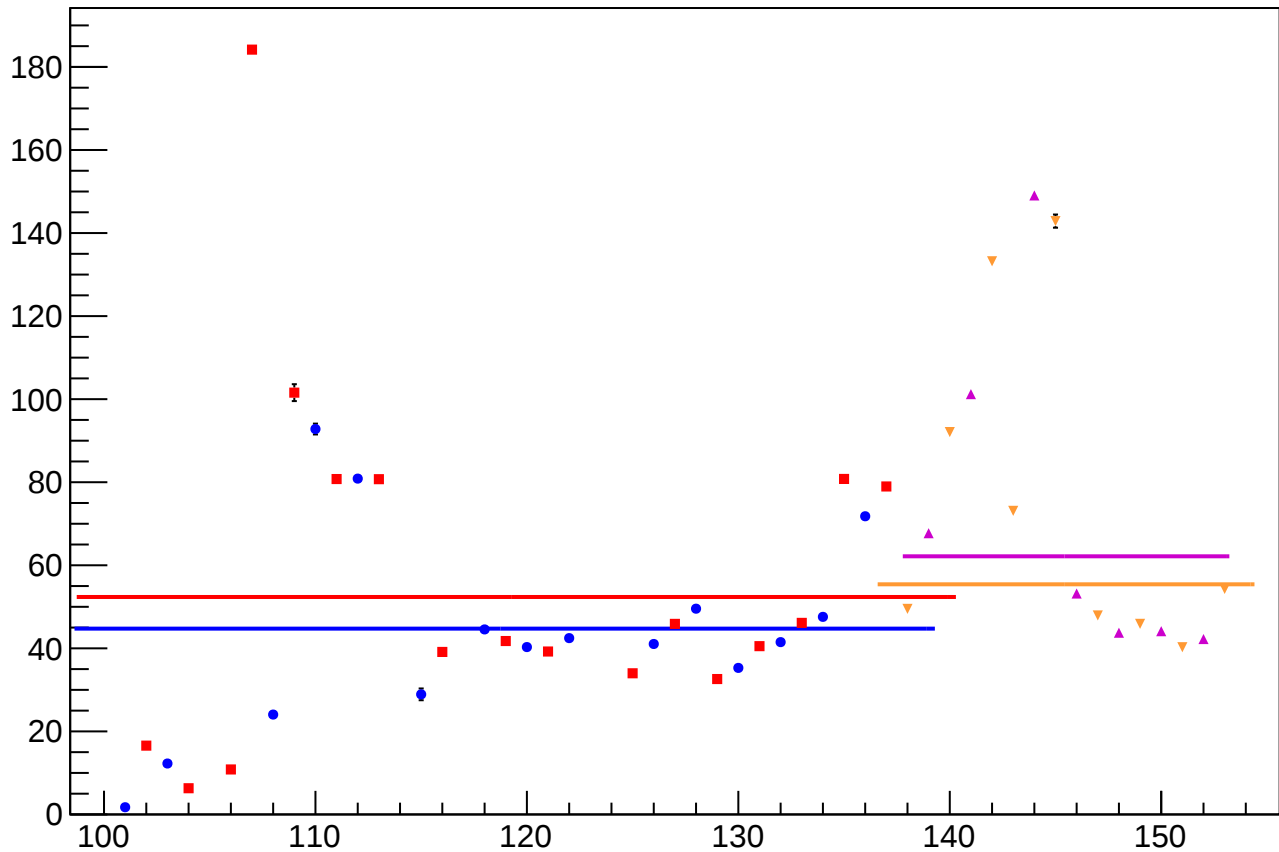
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -102.743 ± 0.057 χ^2/NDF : 179821.9/21

Out: -100.340 ± 0.073 χ^2/NDF : 144004.3/25

All: -101.823 ± 0.045 χ^2/NDF : 324501.4/47

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2/NDF : 84697.9/14

Left Out: 55.419 $\pm$ 0.089 χ^2/NDF :40690.4/8

Right Out: 52.367 $\pm$ 0.113 χ^2/NDF : 69285.2/16

Left In: 62.161 $\pm$ 0.088 χ^2/NDF :100757.9/6

Left: 58.833 $\pm$ 0.062 χ^2/NDF : 144359.1/15

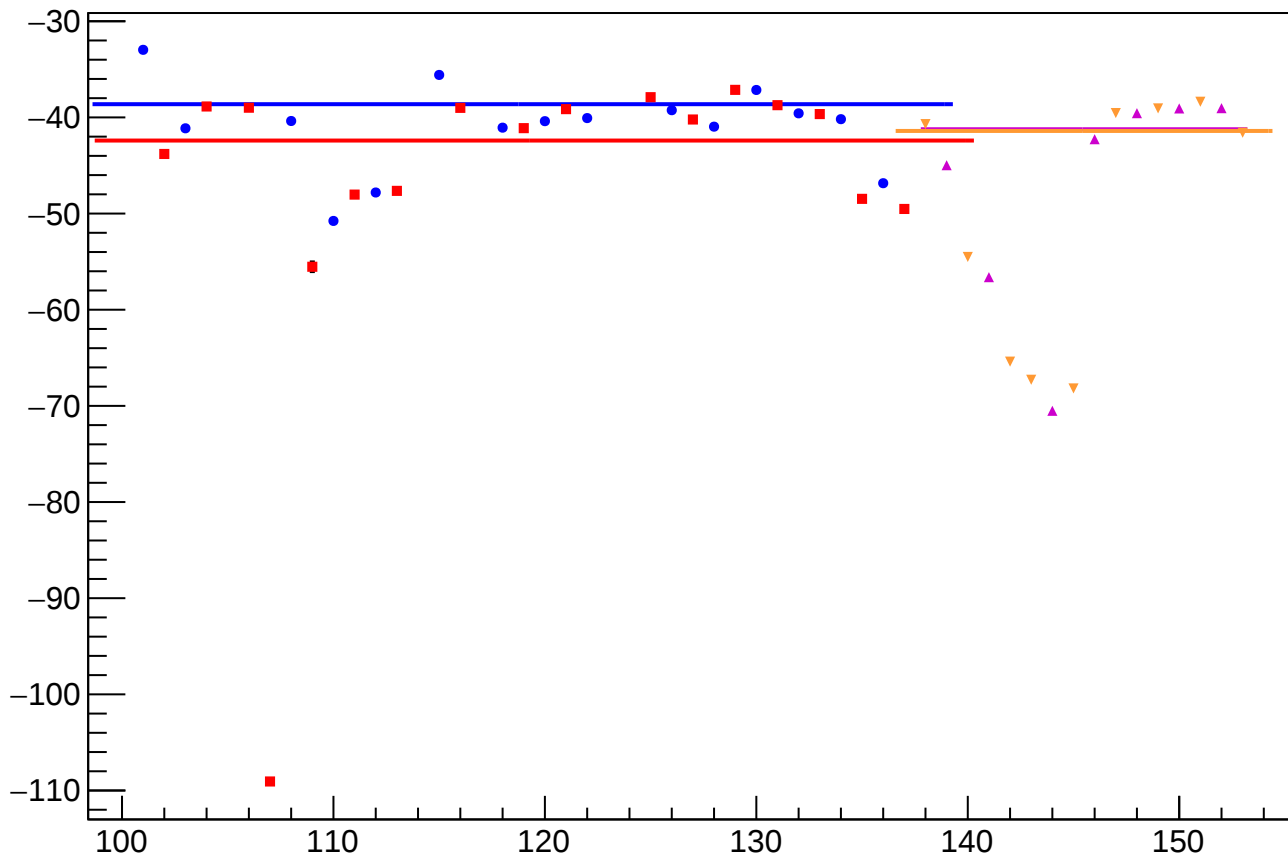
Right: 46.456 $\pm$ 0.053 χ^2/NDF : 157538.4/31

In: 50.360 $\pm$ 0.050 χ^2/NDF :212114.7/21

Out: 54.246 $\pm$ 0.070 χ^2/NDF :110428.2/25

All: 51.674 $\pm$ 0.041 χ^2/NDF : 324595.3/47

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 χ^2/NDF : 240108.7/14

Left Out: -41.408 ± 0.012 χ^2/NDF : 185173.6/8

Right Out: -42.406 ± 0.021 χ^2/NDF : 269138.5/16

Left In: -41.231 ± 0.015 χ^2/NDF : 141170.2/6

Left: -41.345 ± 0.009 χ^2/NDF : 326428.0/15

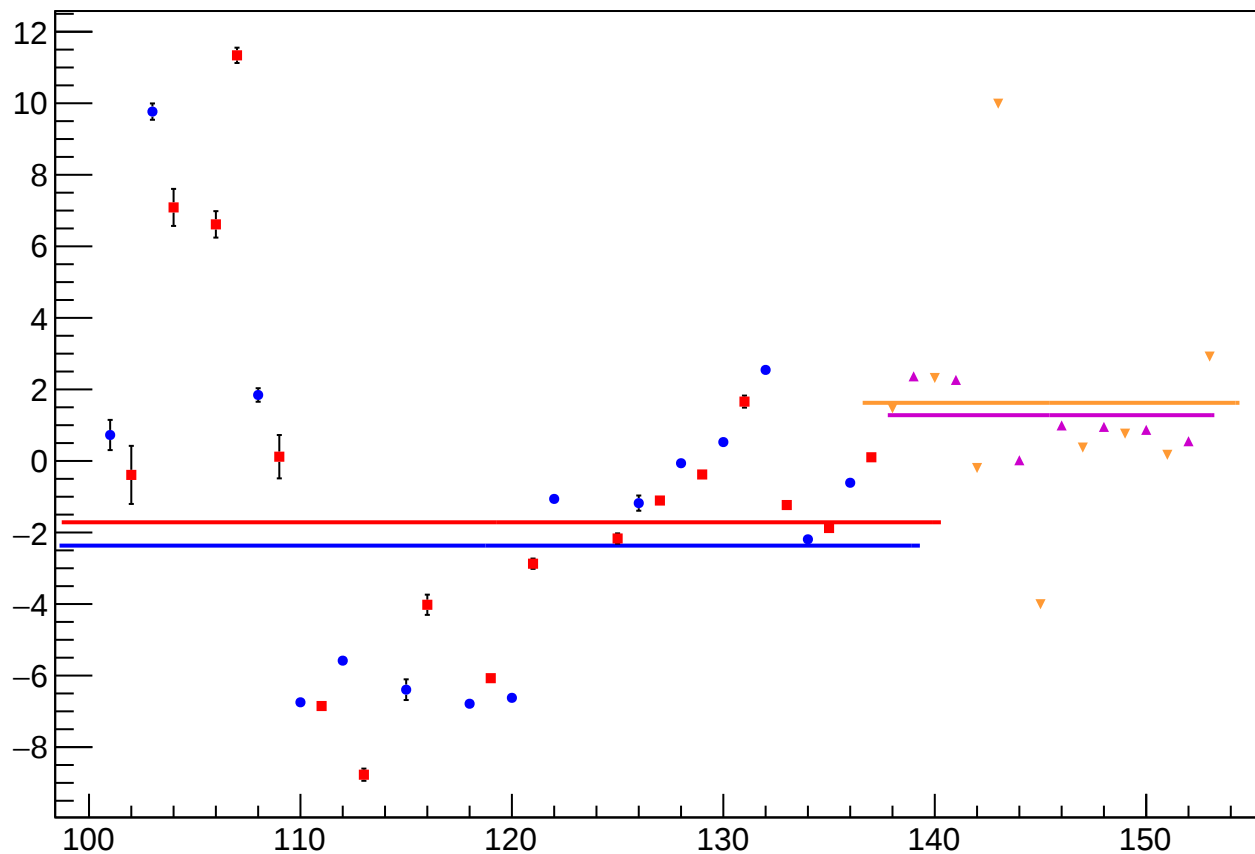
Right: -39.121 ± 0.008 χ^2/NDF : 536660.1/31

In: -39.206 ± 0.007 χ^2/NDF : 403414.3/21

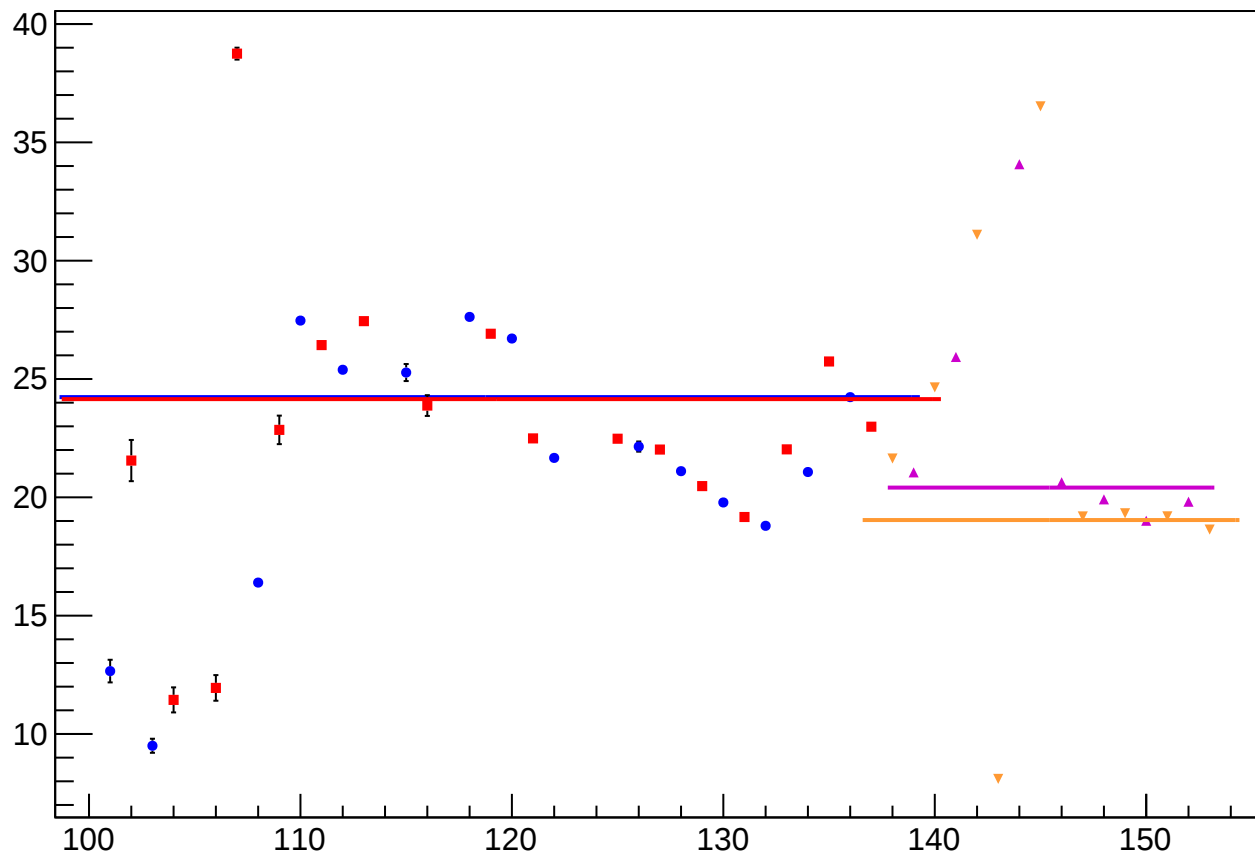
Out: -41.633 ± 0.010 χ^2/NDF : 456015.6/25

All: -40.035 ± 0.006 χ^2/NDF : 897309.7/47

dit_usl_4aY_slope vs Slug, Sign Corrected



dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 19.040 $\pm$ 0.014 χ^2 /NDF: 38628.0/8

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 20.411 $\pm$ 0.015 χ^2 /NDF: 32695.8/6

Left: 19.697 $\pm$ 0.010 χ^2 /NDF: 75857.0/15

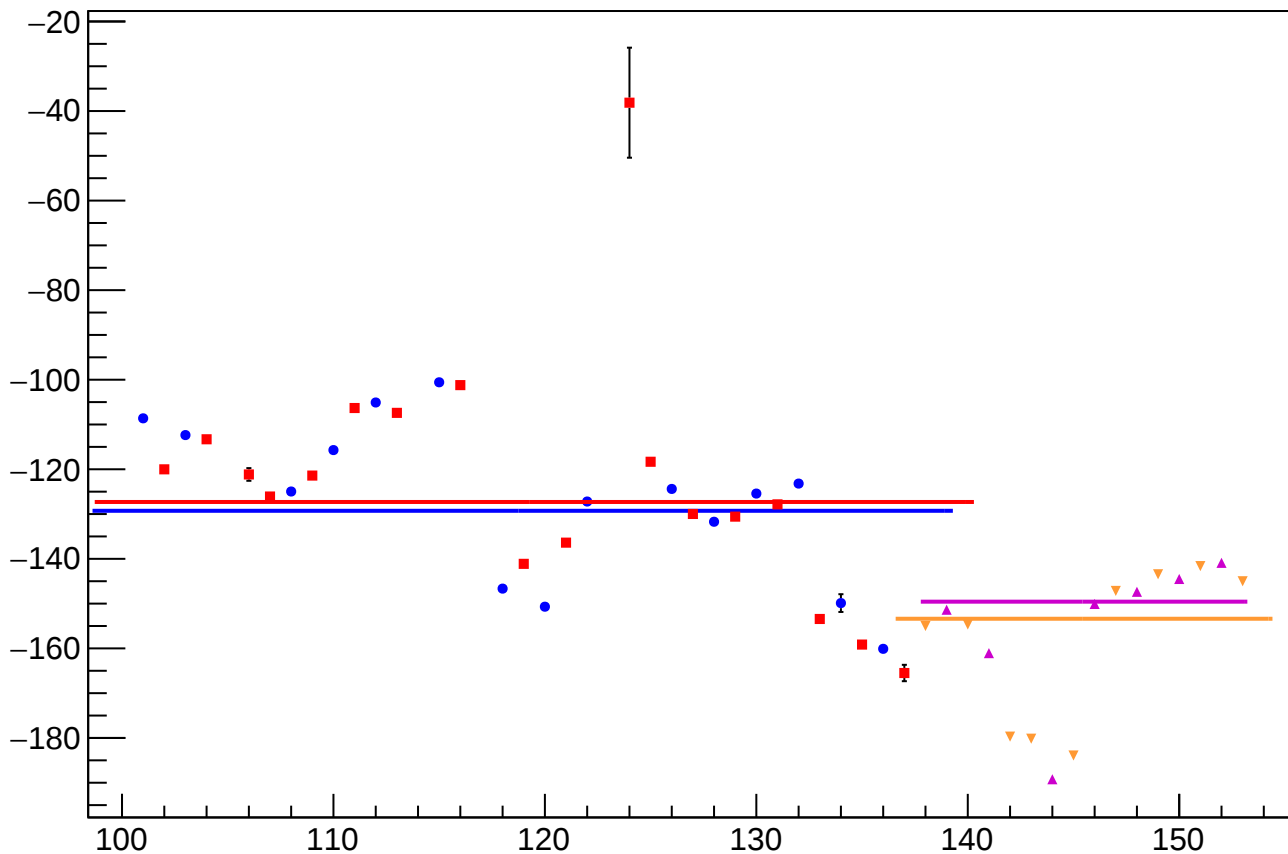
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 21.589 $\pm$ 0.012 χ^2 /NDF: 75452.1/21

Out: 20.322 $\pm$ 0.012 χ^2 /NDF: 84788.1/25

All: 20.955 $\pm$ 0.009 χ^2 /NDF: 165626.7/47

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -153.380 ± 0.088 χ^2/NDF : 23699.9/8

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -149.565 ± 0.074 χ^2/NDF : 19976.2/6

Left: -151.154 ± 0.057 χ^2/NDF : 44774.4/15

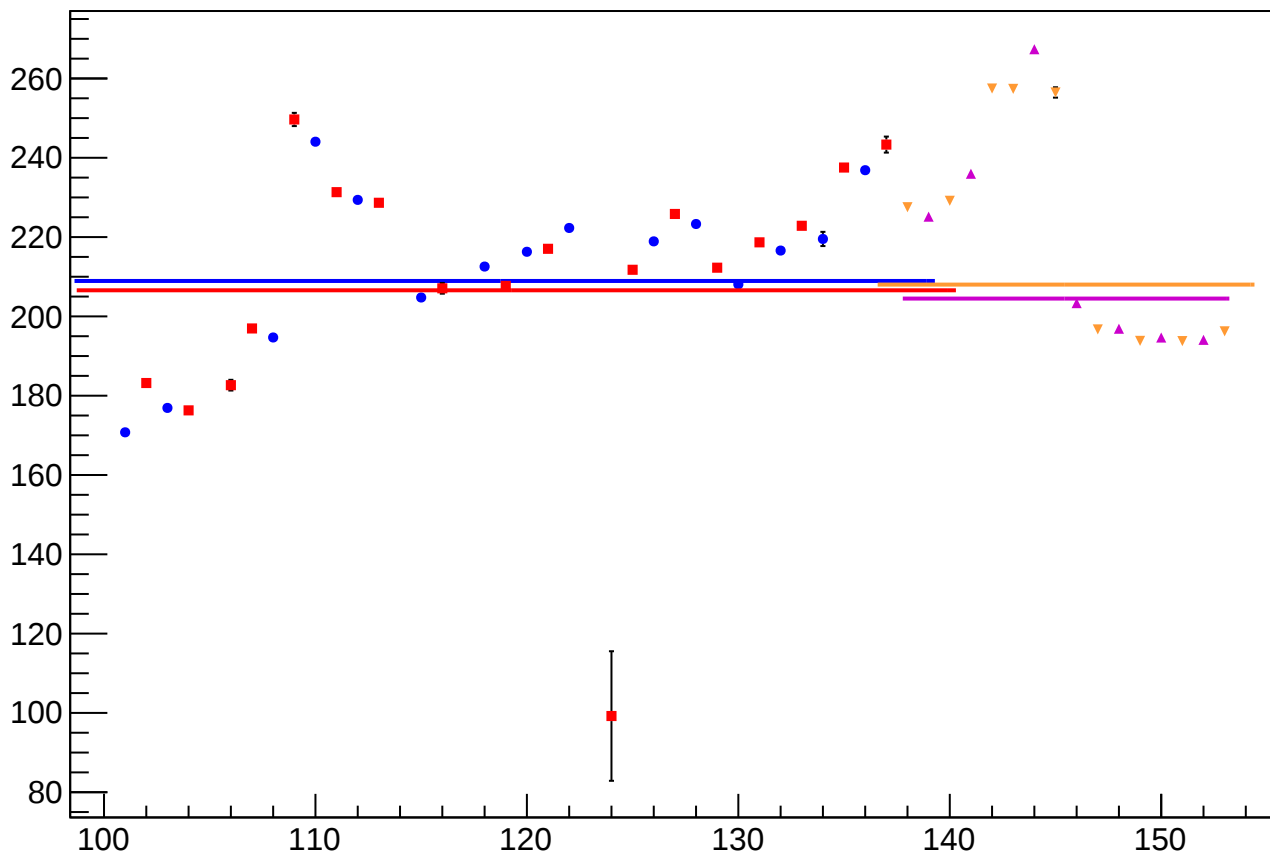
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.096 ± 0.057 χ^2/NDF : 86228.3/21

Out: -139.795 ± 0.061 χ^2/NDF : 99117.8/26

All: -140.491 ± 0.041 χ^2/NDF : 185590.6/48

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 208.017 $\pm$ 0.074 χ^2/NDF : 91845.0/8

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 204.493 $\pm$ 0.066 χ^2/NDF : 70171.0/6

Left: 206.065 $\pm$ 0.049 χ^2/NDF : 163287.8/15

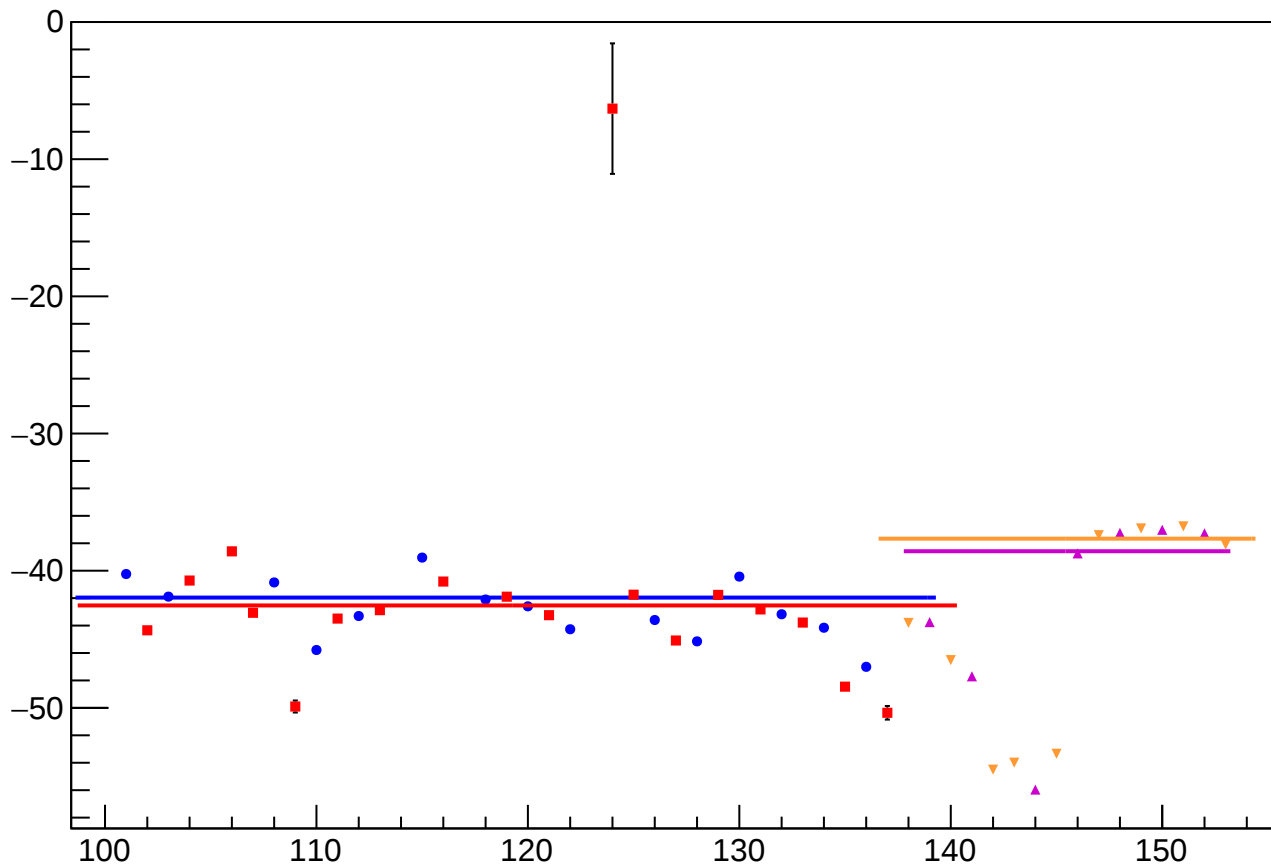
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 206.064 $\pm$ 0.053 χ^2/NDF : 116457.5/21

Out: 207.387 $\pm$ 0.055 χ^2/NDF : 140223.1/26

All: 206.700 $\pm$ 0.038 χ^2/NDF : 256979.6/48

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.664 ± 0.006 $\chi^2/\text{NDF}: 213752.4/8$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.580 ± 0.009 $\chi^2/\text{NDF}: 120860.0/6$

Left: -37.923 ± 0.005 $\chi^2/\text{NDF}: 341589.3/15$

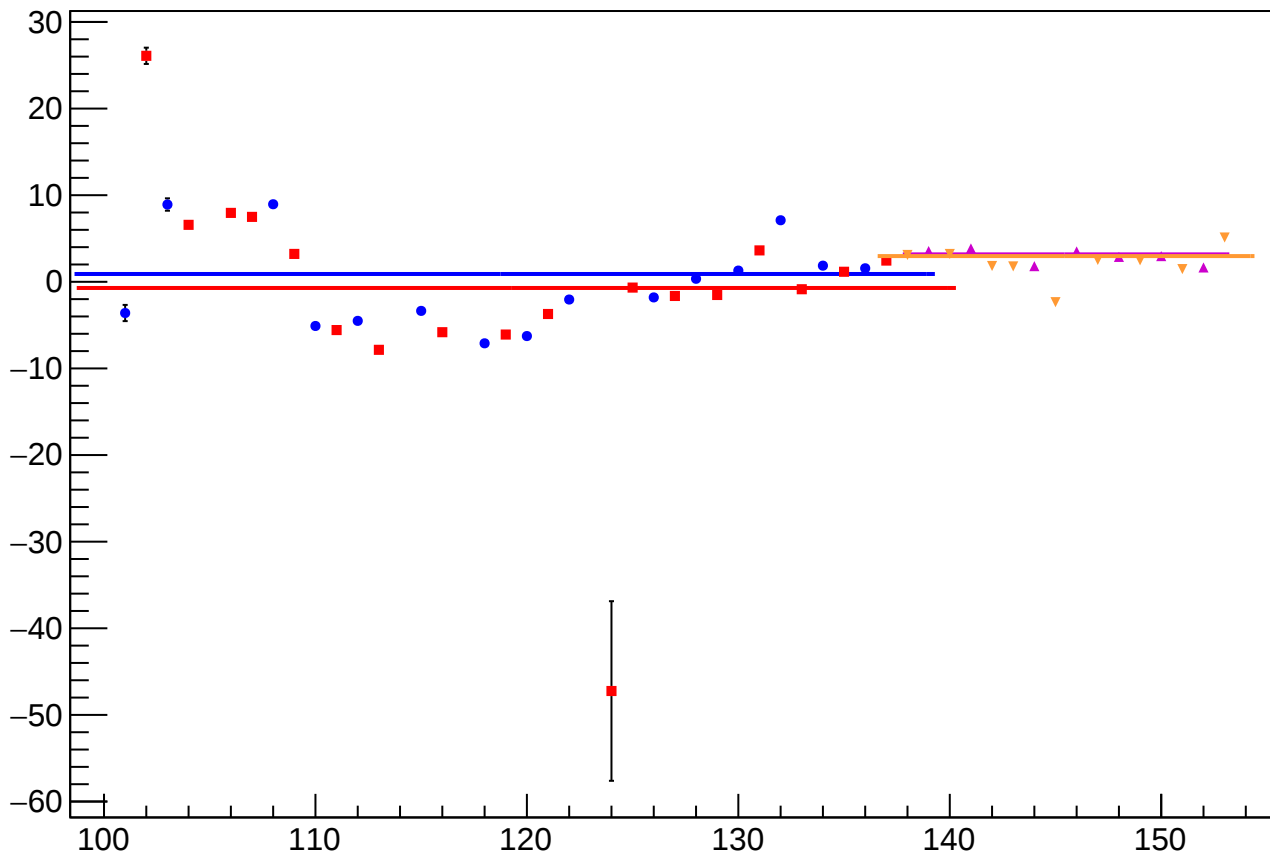
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -39.463 ± 0.008 $\chi^2/\text{NDF}: 179732.8/21$

Out: -38.024 ± 0.006 $\chi^2/\text{NDF}: 271337.7/26$

All: -38.501 ± 0.005 $\chi^2/\text{NDF}: 472827.9/48$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.970 ± 0.013 χ^2/NDF : 13675.9/8

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.168 ± 0.013 χ^2/NDF : 1984.2/6

Left: 3.065 ± 0.009 χ^2/NDF : 15776.1/15

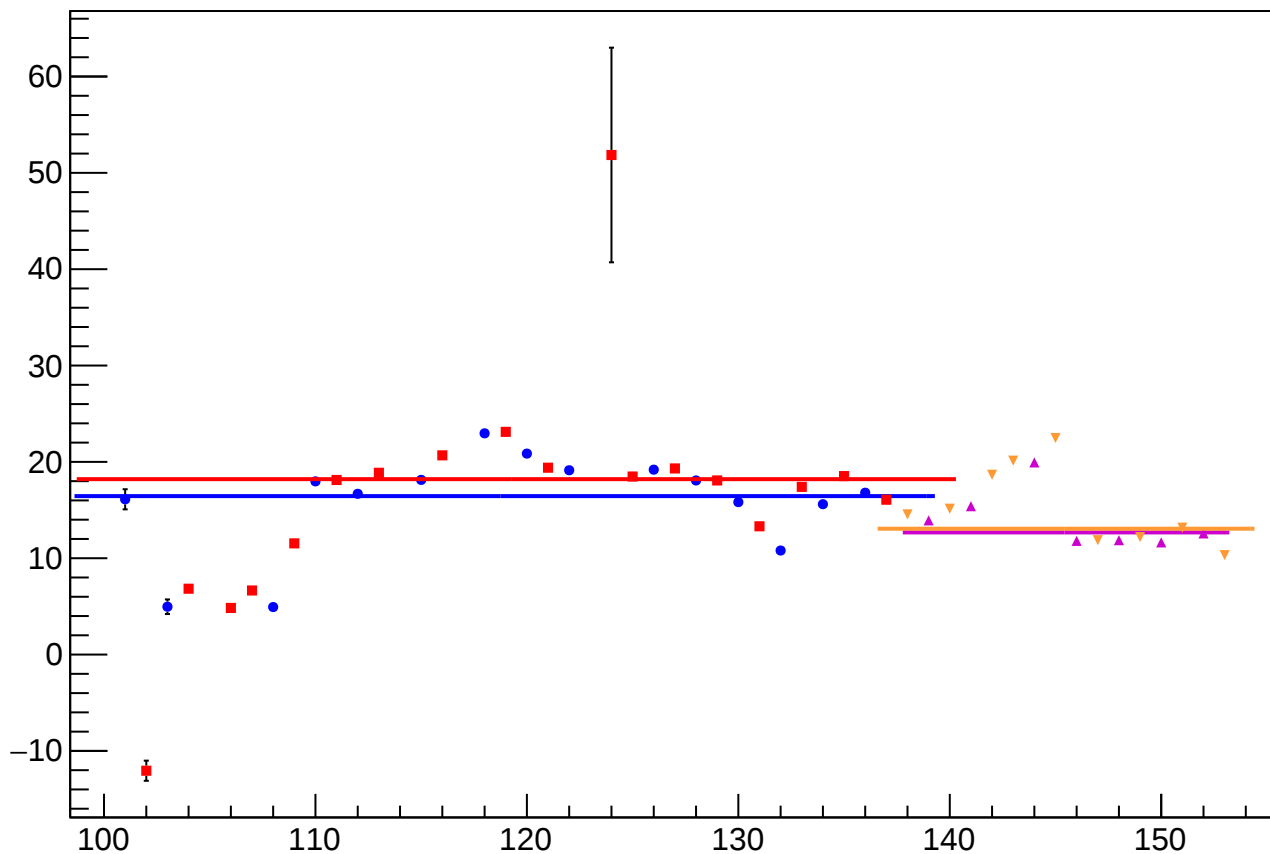
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.478 ± 0.011 χ^2/NDF : 31999.3/21

Out: 2.180 ± 0.011 χ^2/NDF : 62420.6/26

All: 2.331 ± 0.008 χ^2/NDF : 94776.1/48

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 13.065 $\pm$ 0.013 χ^2 /NDF: 47252.6/8

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.677 $\pm$ 0.015 χ^2 /NDF: 13855.3/6

Left: 12.898 $\pm$ 0.010 χ^2 /NDF: 61513.9/15

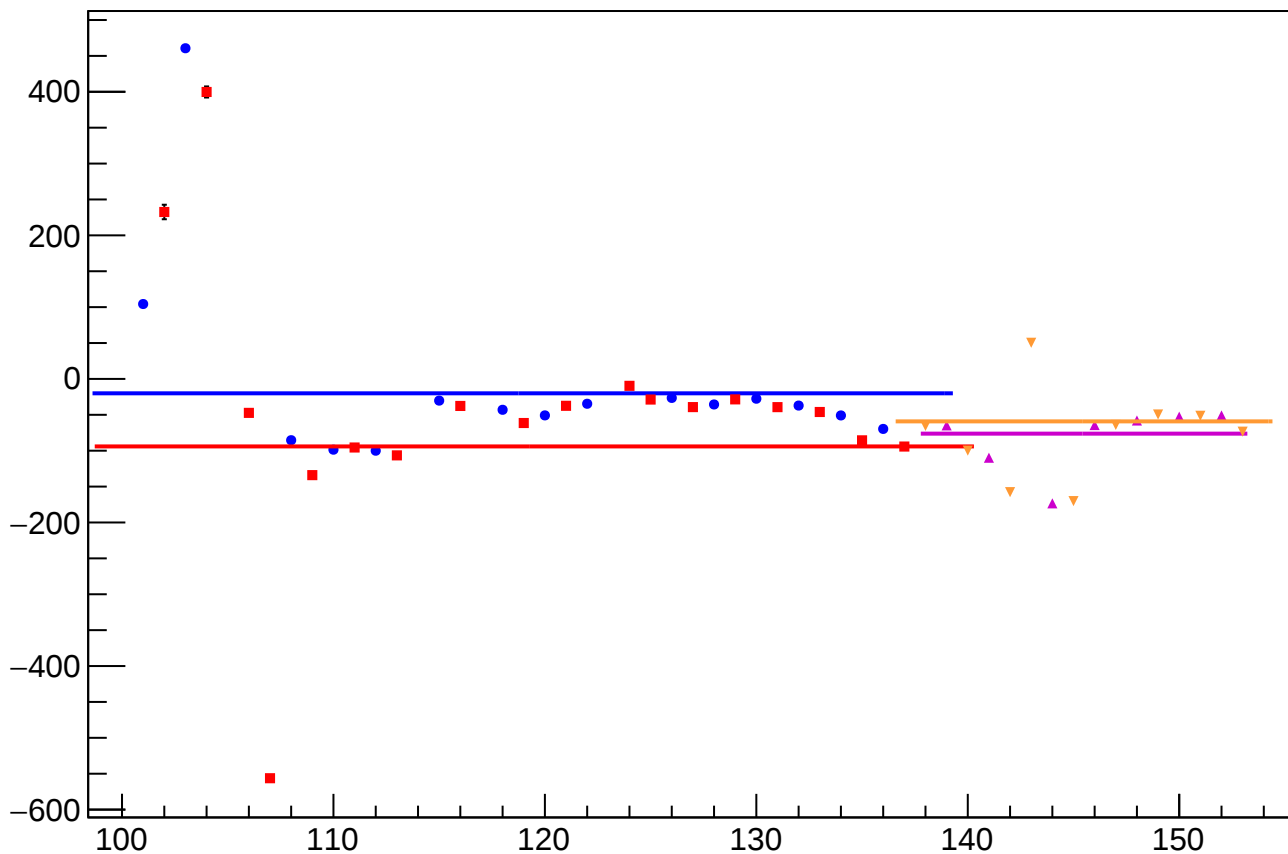
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.662 $\pm$ 0.012 χ^2 /NDF: 45666.1/21

Out: 14.486 $\pm$ 0.011 χ^2 /NDF: 120583.7/26

All: 14.135 $\pm$ 0.008 χ^2 /NDF: 168753.7/48

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -59.155+/-0.172 χ^2/NDF : 44772.8/8

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -76.244+/-0.201 χ^2/NDF : 33804.2/6

Left: -66.373+/-0.131 χ^2/NDF : 82755.5/15

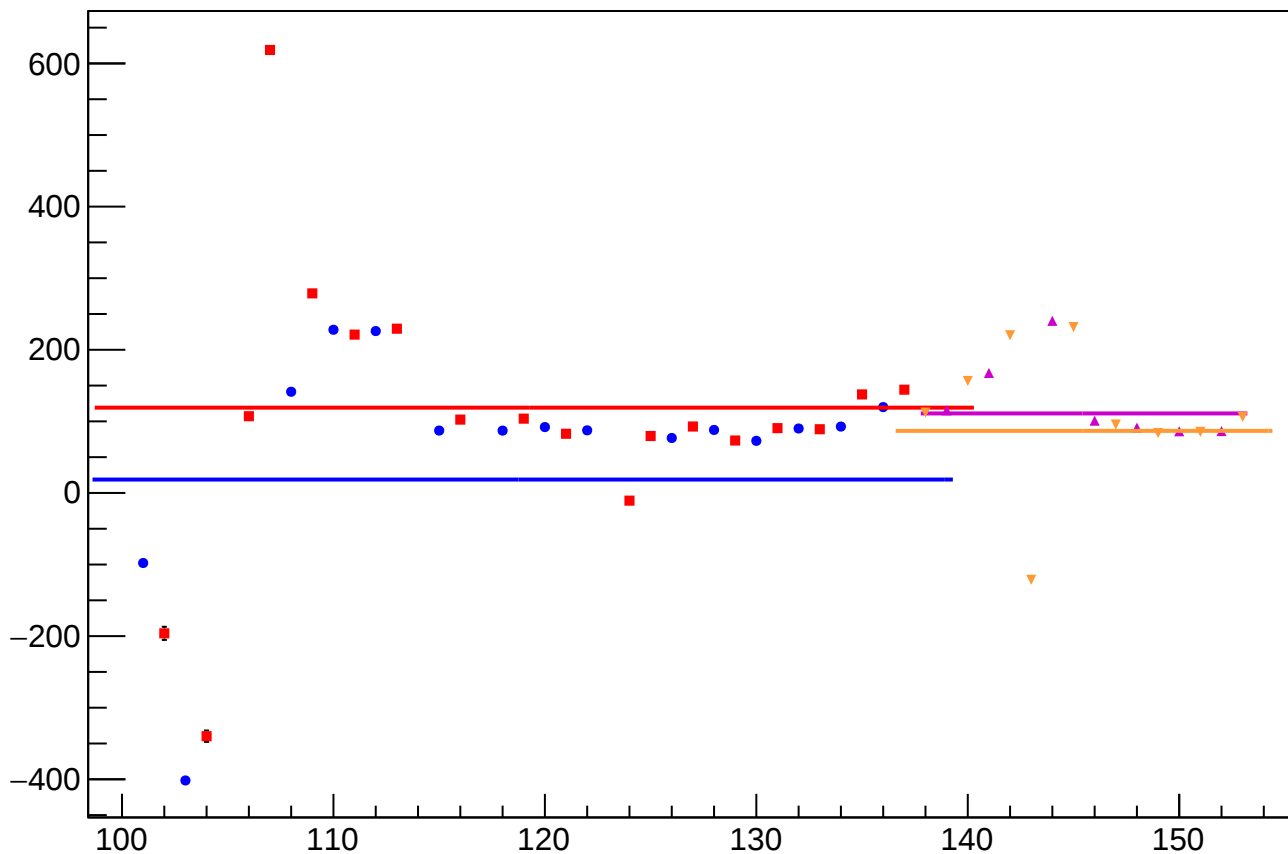
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -40.706+/-0.122 χ^2/NDF : 524727.2/21

Out: -93.868+/-0.012 χ^2/NDF : 173295.8/26

All: -93.323+/-0.012 χ^2/NDF : 886579.1/48

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 $\pm$ 0.152 χ^2 /NDF: 1101803.8/14

Left Out: 86.724 $\pm$ 0.153 χ^2 /NDF:164678.7/8

Right Out: 119.167 $\pm$ 0.199 χ^2 /NDF: 87450.0/17

Left In: 111.090 $\pm$ 0.179 χ^2 /NDF:54051.3/6

Left: 97.035 $\pm$ 0.116 χ^2 /NDF: 229445.0/15

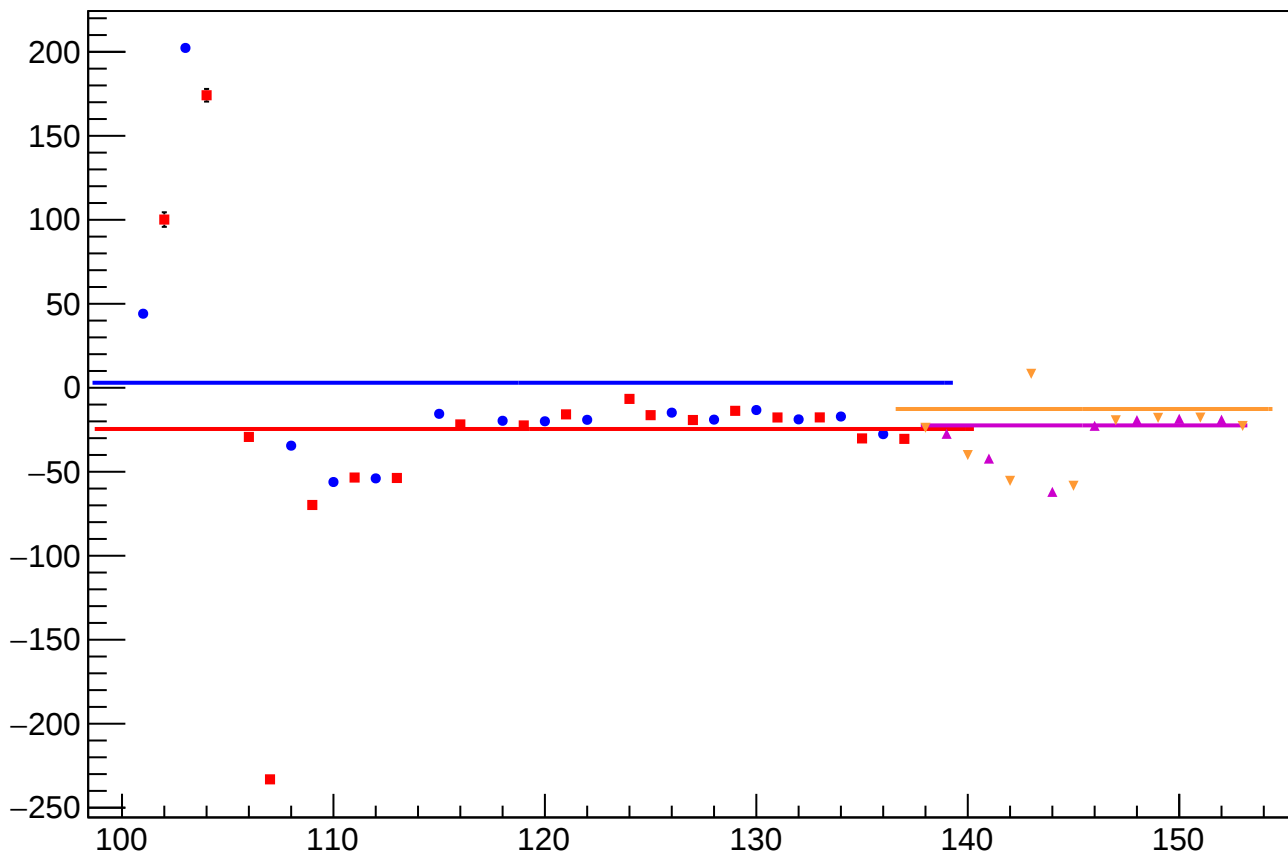
Right: 55.701 $\pm$ 0.121 χ^2 /NDF: 1349806.5/32

In: 57.504 $\pm$ 0.116 χ^2 /NDF:1310694.4/21

Out: 98.770 $\pm$ 0.121 χ^2 /NDF:268796.9/26

All: 77.168 $\pm$ 0.084 χ^2 /NDF: 1639964.9/48

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 χ^2/NDF : 3496745.8/14

Left Out: -12.631 ± 0.021 χ^2/NDF : 475569.9/8

Right Out: -24.533 ± 0.044 χ^2/NDF : 176488.8/17

Left In: -22.398 ± 0.026 χ^2/NDF : 116208.4/6

Left: -16.427 ± 0.016 χ^2/NDF : 679918.6/15

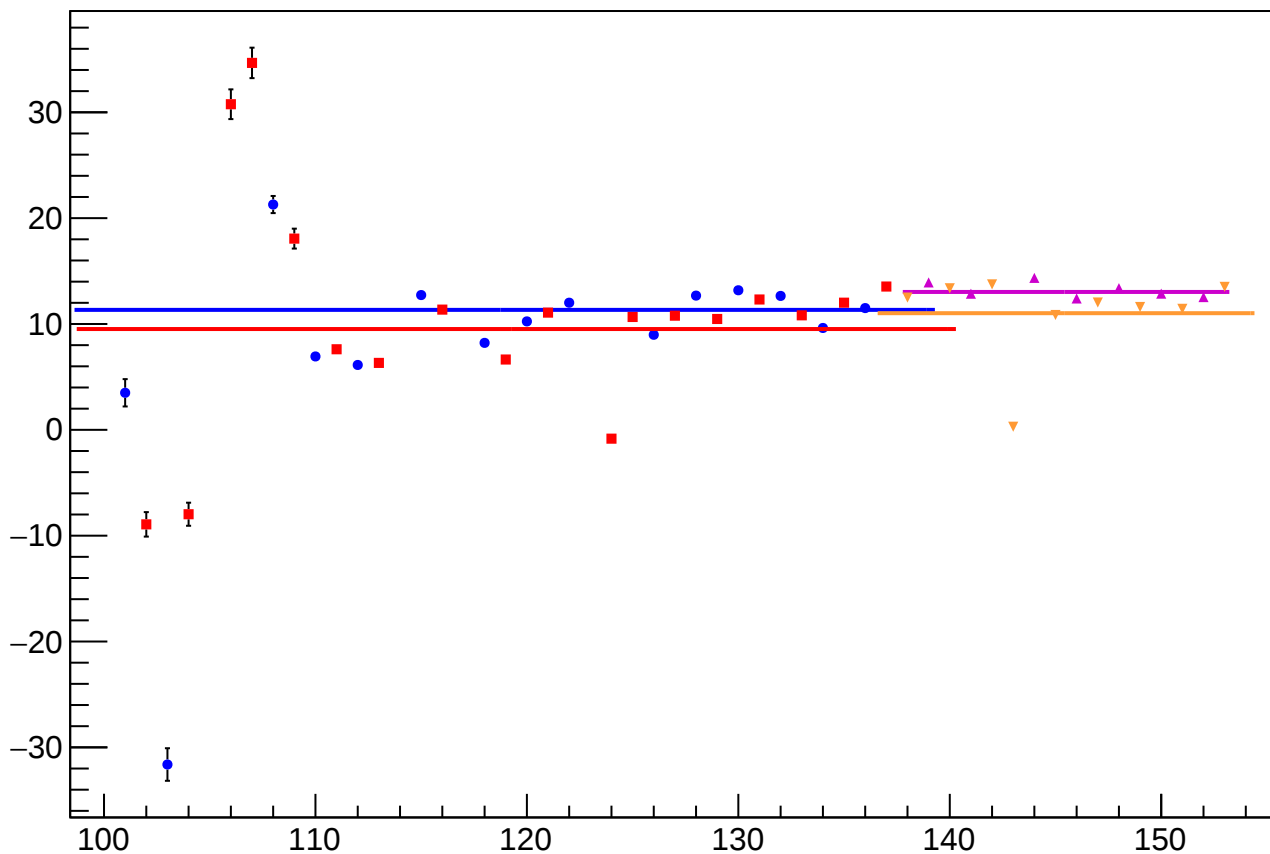
Right: -4.585 ± 0.023 χ^2/NDF : 3961708.4/32

In: -10.264 ± 0.019 χ^2/NDF : 4078524.0/21

Out: -14.786 ± 0.019 χ^2/NDF : 713013.2/26

All: -12.528 ± 0.013 χ^2/NDF : 4821162.5/48

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.021 $\pm$ 0.025 χ^2 /NDF:26888.4/8

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 13.027 $\pm$ 0.023 χ^2 /NDF:499.1/6

Left: 12.113 $\pm$ 0.017 χ^2 /NDF: 30832.4/15

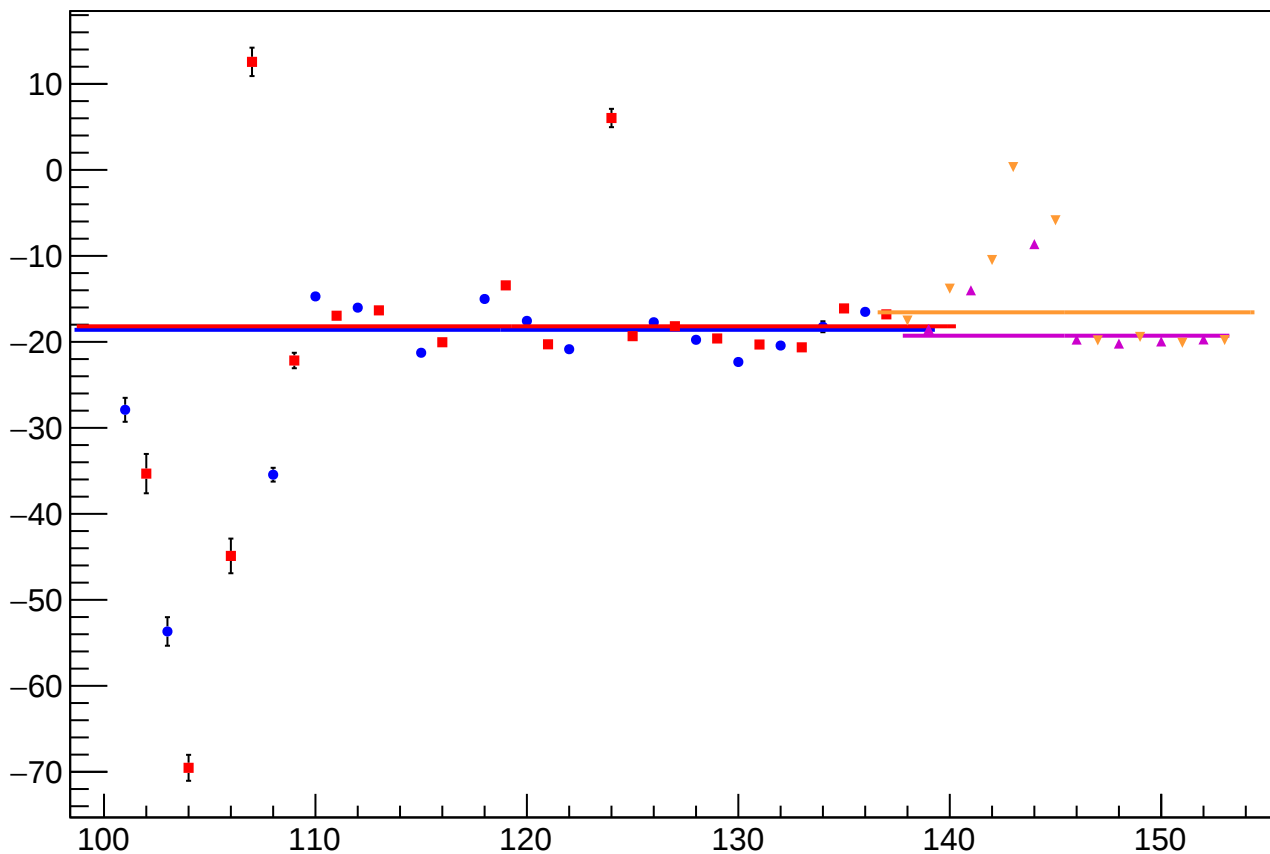
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.560 $\pm$ 0.020 χ^2 /NDF:4391.3/21

Out: 10.697 $\pm$ 0.022 χ^2 /NDF:31717.0/26

All: 11.748 $\pm$ 0.015 χ^2 /NDF: 40034.7/48

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 χ^2/NDF : 6189.1/14

Left Out: -16.564 ± 0.029 χ^2/NDF : 41953.6/8

Right Out: -18.189 ± 0.049 χ^2/NDF : 4881.1/17

Left In: -19.282 ± 0.026 χ^2/NDF : 6085.1/6

Left: -18.038 ± 0.019 χ^2/NDF : 52878.0/15

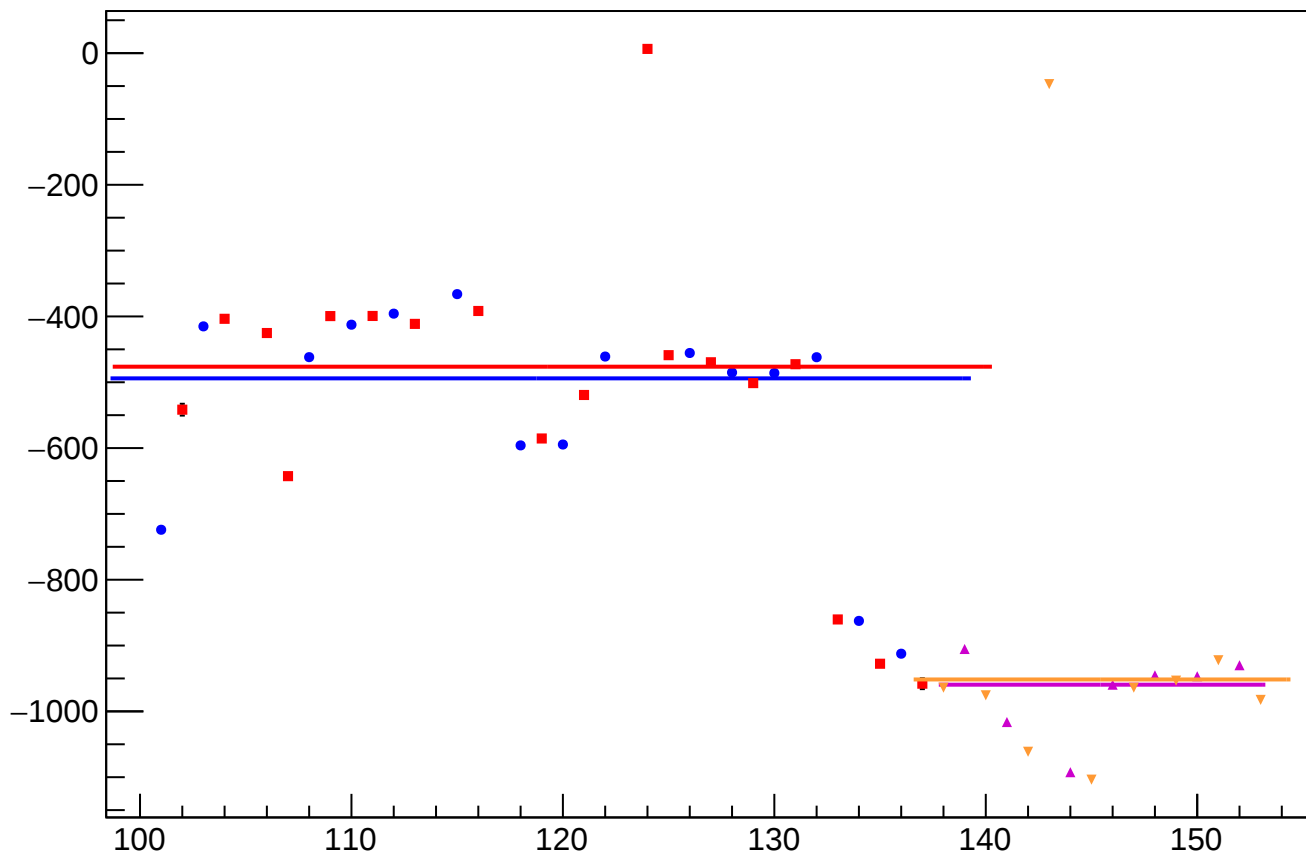
Right: -18.450 ± 0.030 χ^2/NDF : 11113.5/32

In: -19.052 ± 0.022 χ^2/NDF : 12499.7/21

Out: -16.975 ± 0.025 χ^2/NDF : 47641.9/26

All: -18.162 ± 0.016 χ^2/NDF : 64125.9/48

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -951.527 ± 0.257 $\chi^2/\text{NDF}: 307402.8/8$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -959.471 ± 0.338 $\chi^2/\text{NDF}: 16897.5/6$

Left: -954.439 ± 0.205 $\chi^2/\text{NDF}: 324650.3/15$

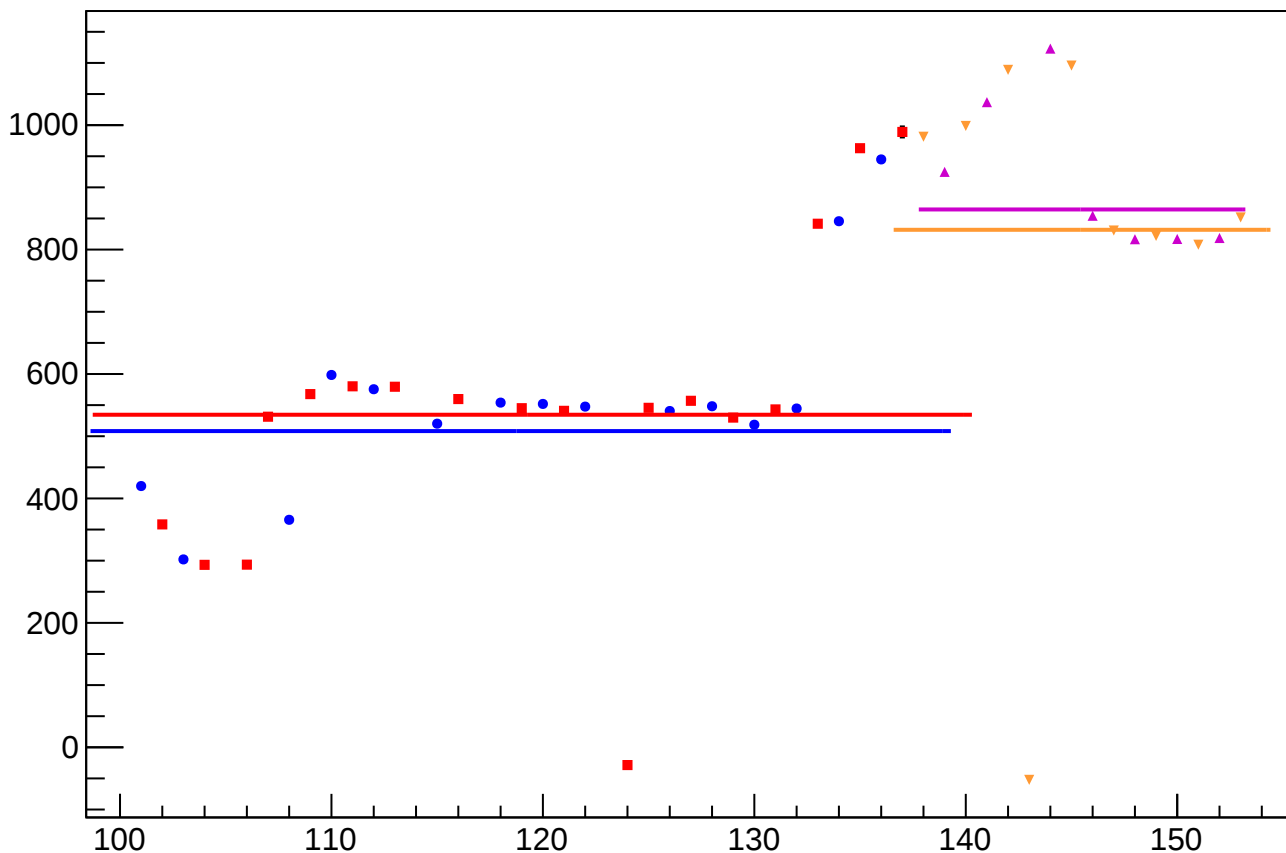
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -643.242 ± 0.191 $\chi^2/\text{NDF}: 1631524.0/21$

Out: -638.644 ± 0.150 $\chi^2/\text{NDF}: 3151718.1/26$

All: -640.398 ± 0.118 $\chi^2/\text{NDF}: 4783599.4/48$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 831.790 $\pm$ 0.207 χ^2 /NDF:409541.3/8

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 864.473 $\pm$ 0.299 χ^2 /NDF:84089.4/6

Left: 842.372 $\pm$ 0.170 χ^2 /NDF: 501712.6/15

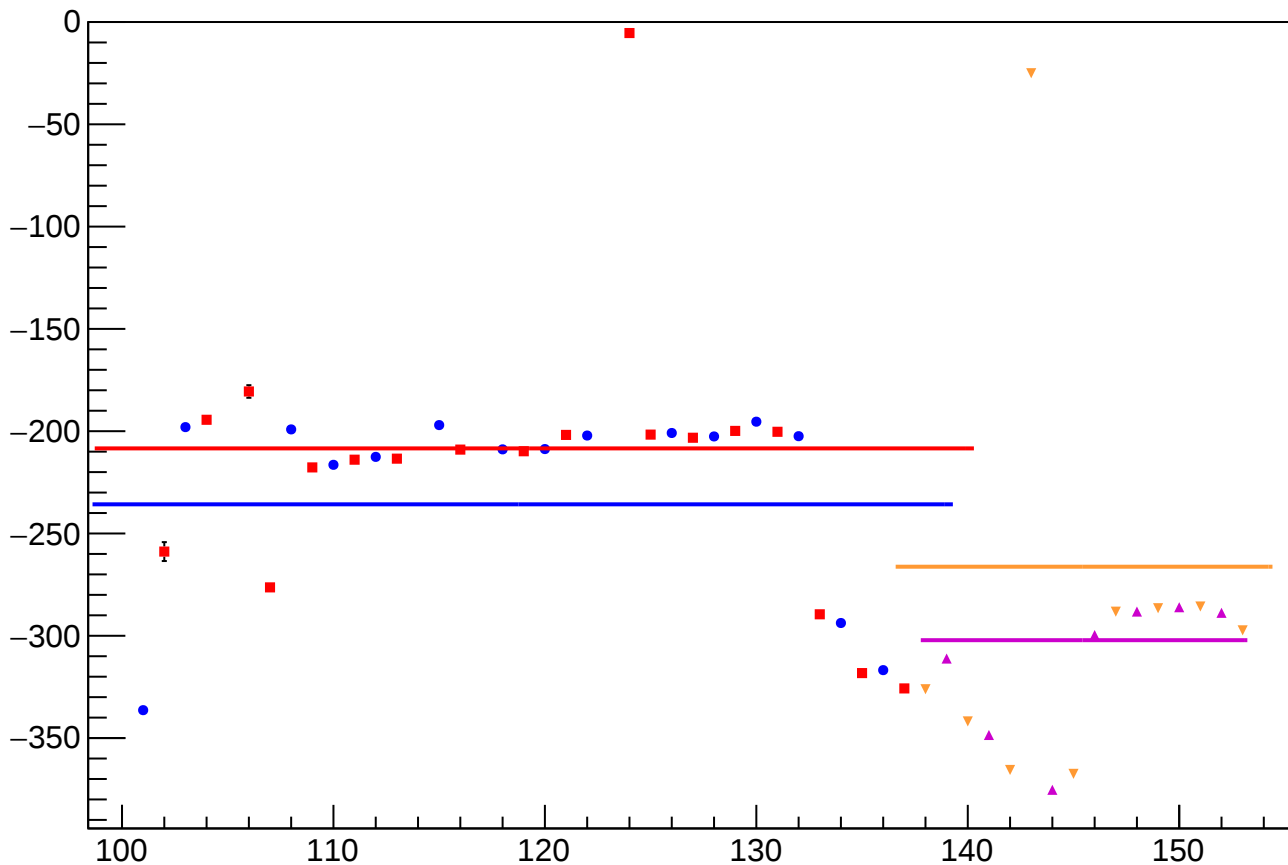
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 634.630 $\pm$ 0.178 χ^2 /NDF:1439602.5/21

Out: 690.387 $\pm$ 0.150 χ^2 /NDF:1760053.1/26

All: 667.282 $\pm$ 0.115 χ^2 /NDF: 3257076.2/48

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748+/-0.055 χ^2/NDF : 876219.5/14

Left Out: -266.240+/-0.033 χ^2/NDF : 6097866.4/8

Right Out: -208.413+/-0.047 χ^2/NDF : 375009.3/17

Left In: -302.153+/-0.055 χ^2/NDF : 218003.5/6

Left: -275.695+/-0.028 χ^2/NDF : 6627537.2/15

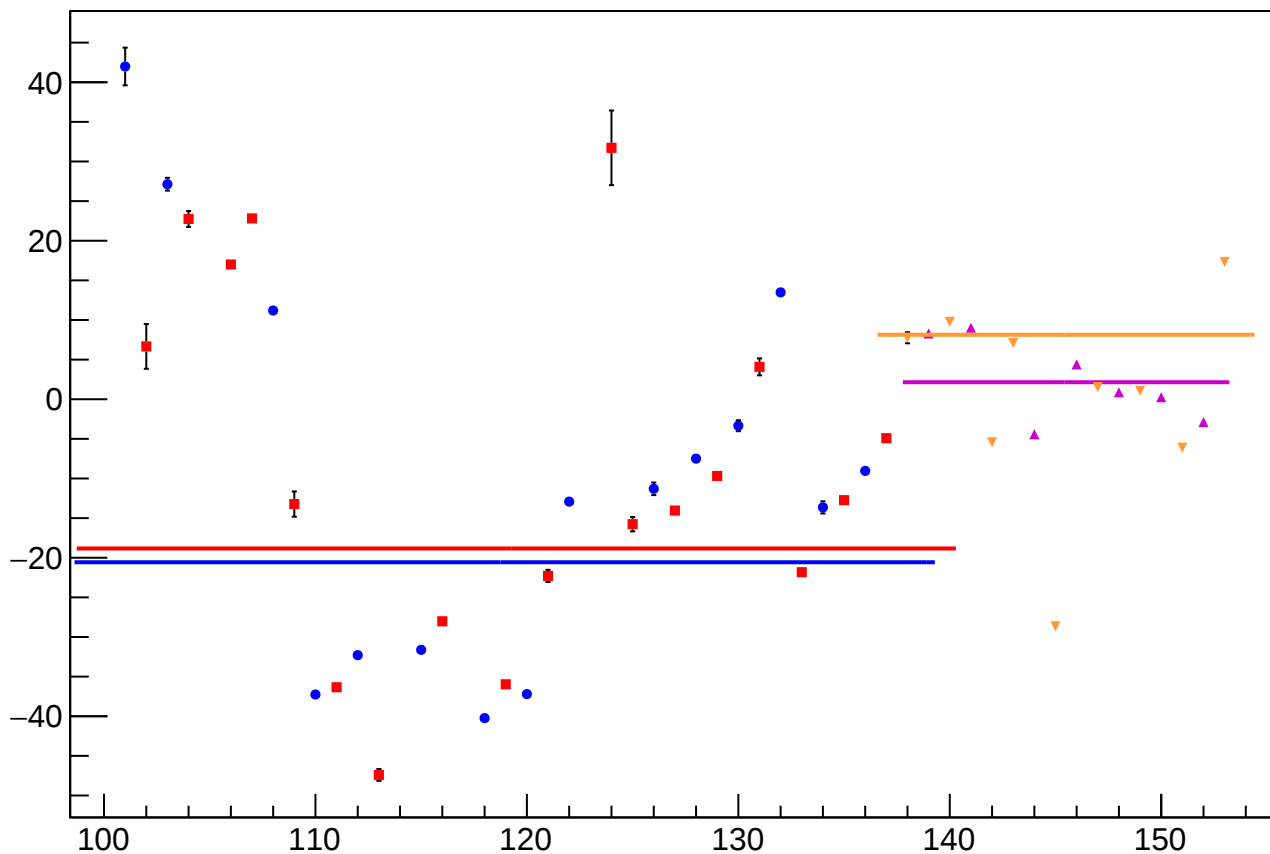
Right: -219.823+/-0.036 χ^2/NDF : 1393978.3/32

In: -268.955+/-0.039 χ^2/NDF : 1817297.6/21

Out: -246.999+/-0.027 χ^2/NDF : 7494041.2/26

All: -254.089+/-0.022 χ^2/NDF : 9525438.2/48

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 8.135 ± 0.039 χ^2/NDF : 44899.3/8

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: 2.149 ± 0.039 χ^2/NDF : 7329.0/6

Left: 5.170 ± 0.027 χ^2/NDF : 64081.9/15

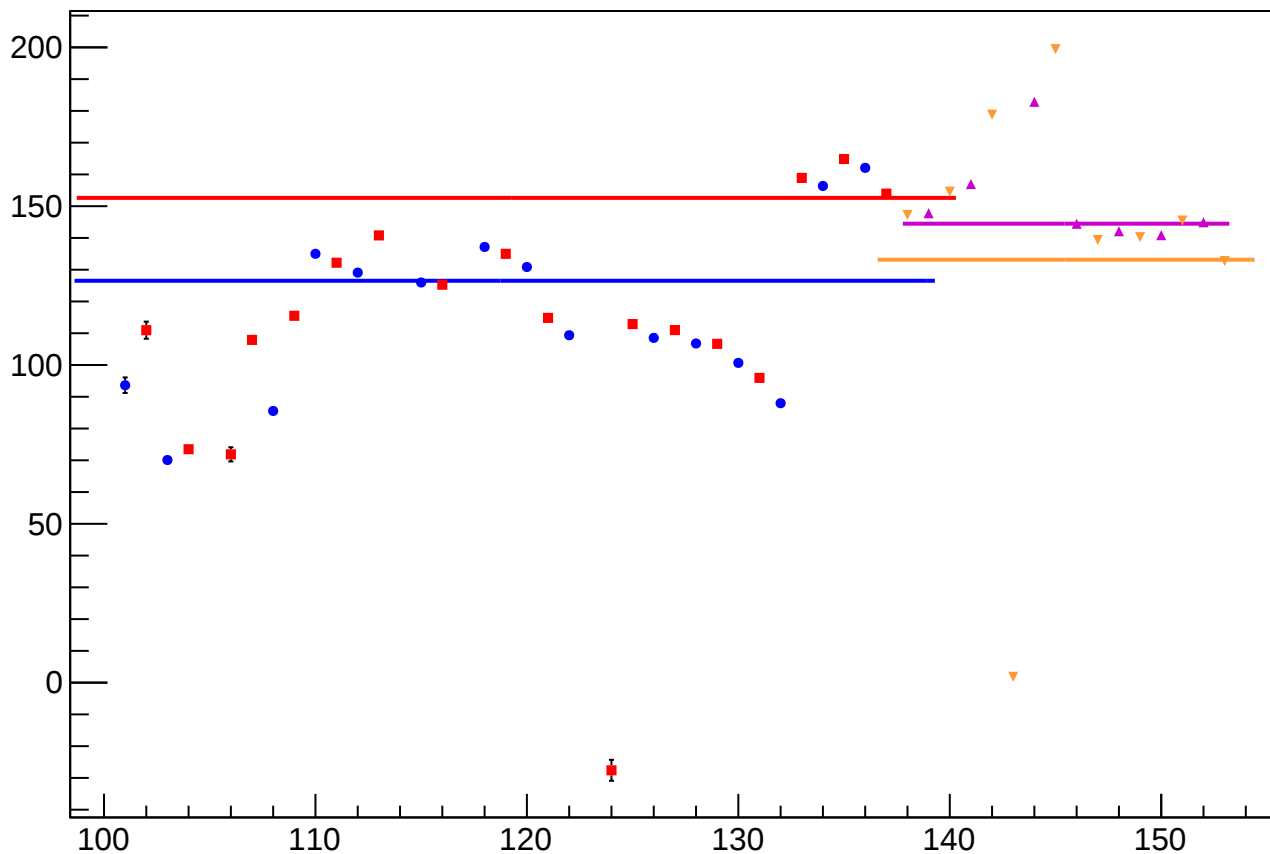
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -3.090 ± 0.034 χ^2/NDF : 148761.1/21

Out: 5.068 ± 0.036 χ^2/NDF : 120998.9/26

All: 0.739 ± 0.025 χ^2/NDF : 296380.2/48

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 133.150 $\pm$ 0.050 χ^2 /NDF: 382159.5/8

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 144.490 $\pm$ 0.050 χ^2 /NDF: 20646.2/6

Left: 138.833 $\pm$ 0.036 χ^2 /NDF: 428127.5/15

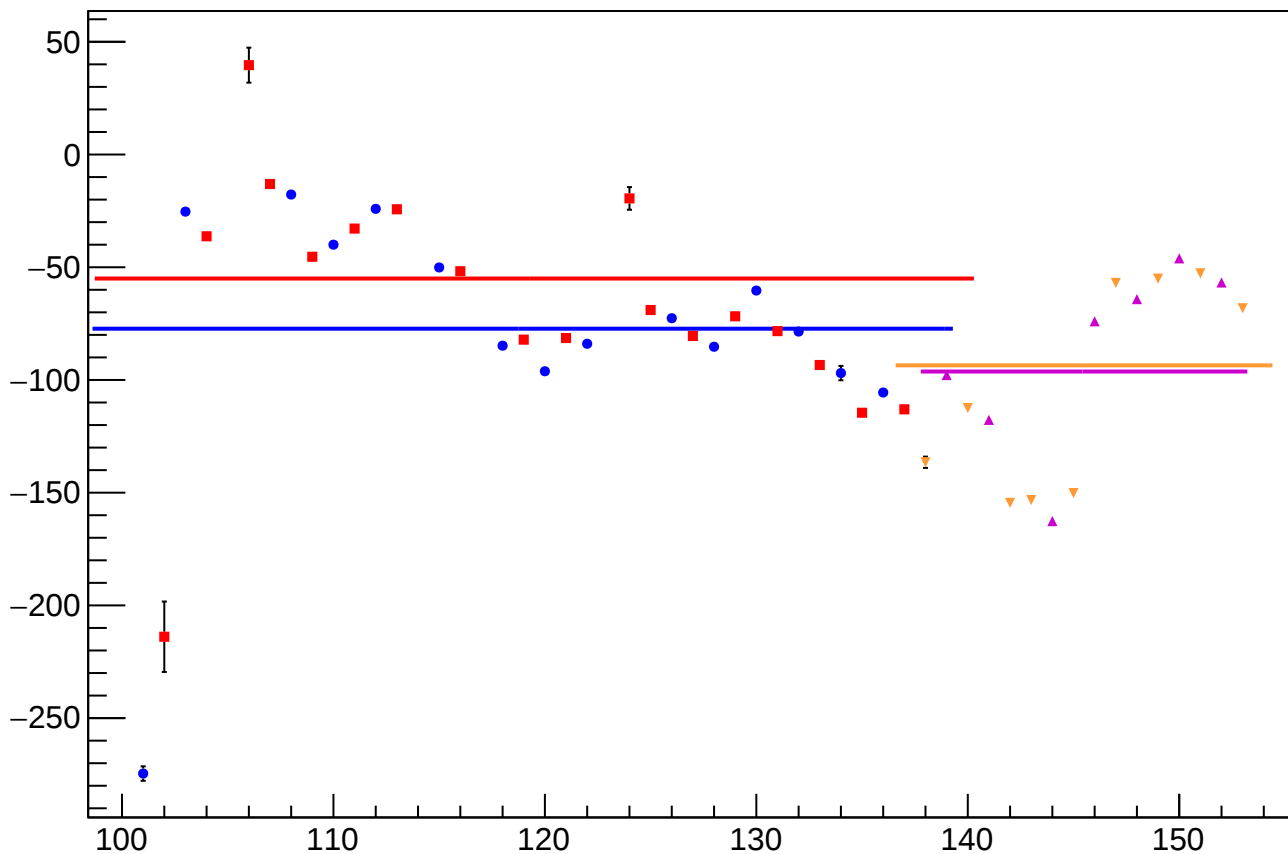
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 139.742 $\pm$ 0.043 χ^2 /NDF: 169300.4/21

Out: 147.446 $\pm$ 0.026 χ^2 /NDF: 565529.9/26

All: 145.395 $\pm$ 0.022 χ^2 /NDF: 758194.7/48

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -93.517 ± 0.192 χ^2/NDF : 46435.5/8

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -96.259 ± 0.187 χ^2/NDF : 43127.5/6

Left: -94.927 ± 0.134 χ^2/NDF : 89667.9/15

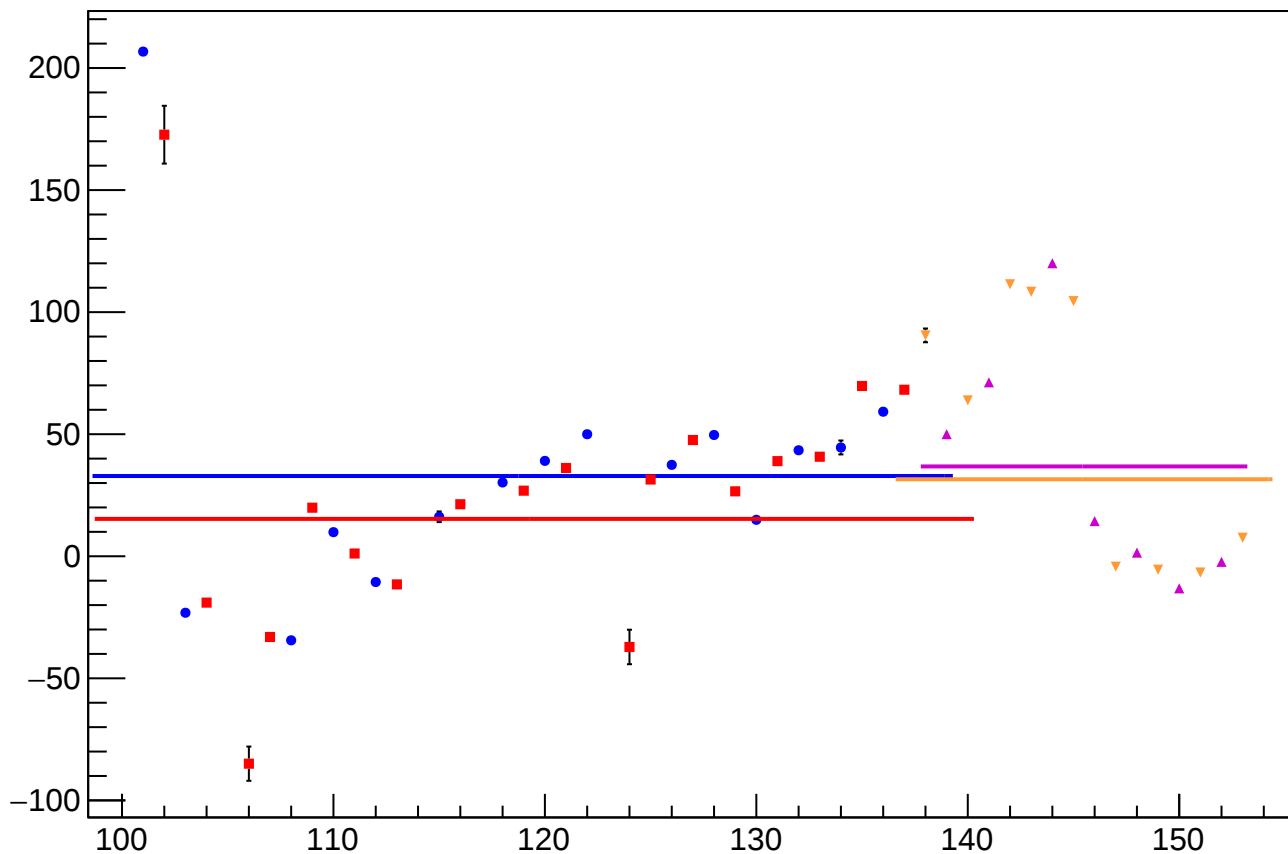
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -84.503 ± 0.115 χ^2/NDF : 79898.6/21

Out: -74.086 ± 0.135 χ^2/NDF : 90364.1/26

All: -80.119 ± 0.088 χ^2/NDF : 173703.3/48

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 31.539 $\pm$ 0.170 χ^2 /NDF: 76117.0/8

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 36.793 $\pm$ 0.169 χ^2 /NDF: 67452.5/6

Left: 34.192 $\pm$ 0.120 χ^2 /NDF: 144049.9/15

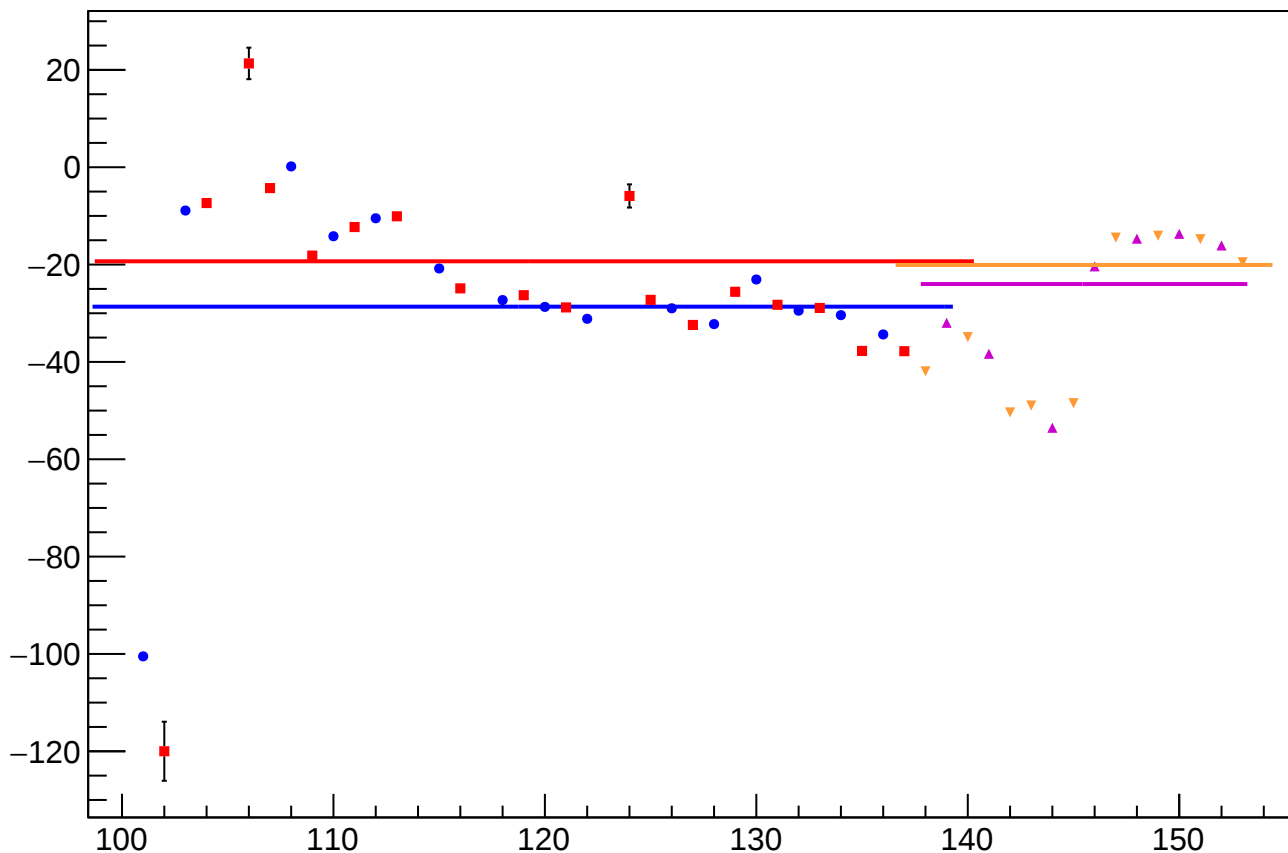
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 34.550 $\pm$ 0.110 χ^2 /NDF: 99155.7/21

Out: 25.086 $\pm$ 0.132 χ^2 /NDF: 96472.6/26

All: 30.662 $\pm$ 0.085 χ^2 /NDF: 198647.6/48

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 $\chi^2/\text{NDF}: 113441.9/14$

Left Out: -20.080 ± 0.024 $\chi^2/\text{NDF}: 209783.0/8$

Right Out: -19.325 ± 0.039 $\chi^2/\text{NDF}: 56579.1/17$

Left In: -24.000 ± 0.029 $\chi^2/\text{NDF}: 151030.9/6$

Left: -21.666 ± 0.018 $\chi^2/\text{NDF}: 372022.9/15$

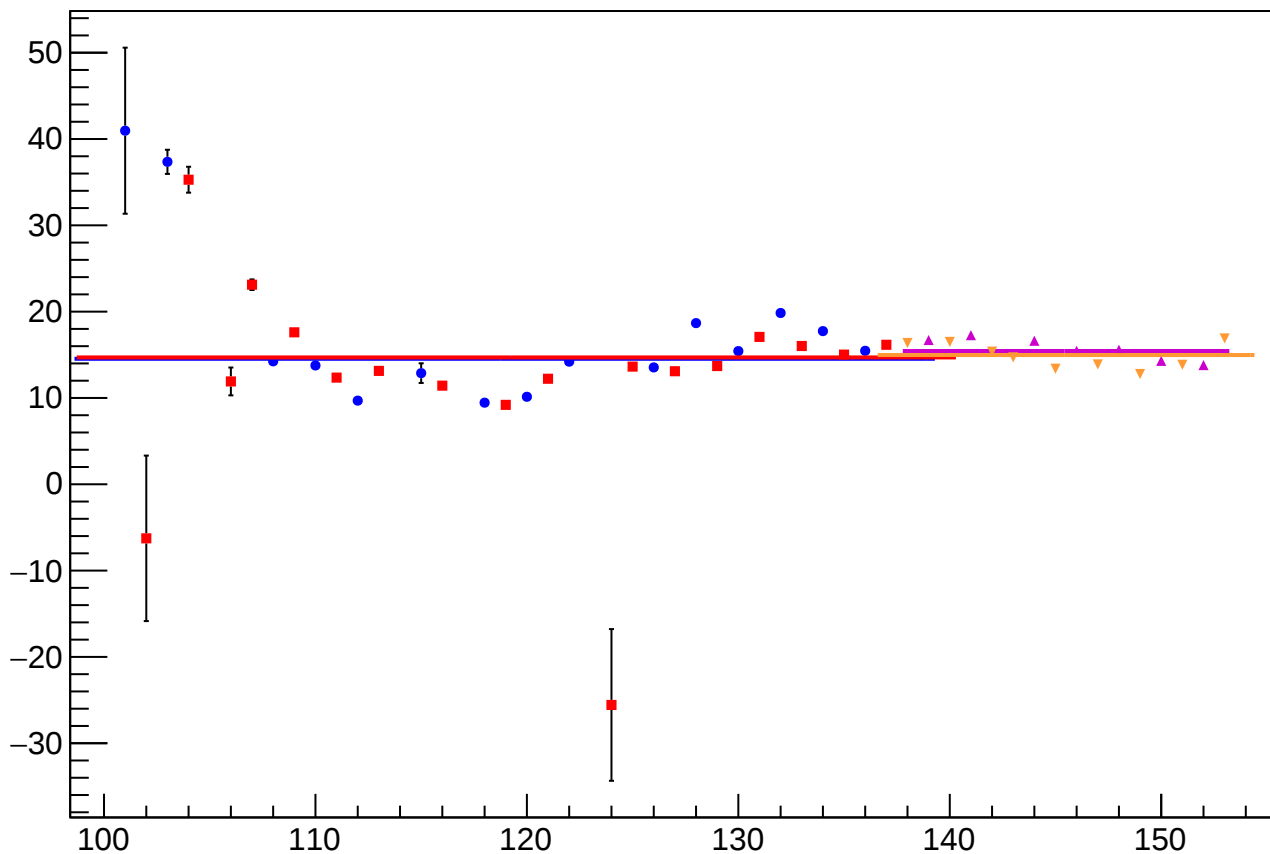
Right: -24.627 ± 0.026 $\chi^2/\text{NDF}: 201944.0/32$

In: -25.906 ± 0.022 $\chi^2/\text{NDF}: 275324.0/21$

Out: -19.881 ± 0.020 $\chi^2/\text{NDF}: 266633.7/26$

All: -22.645 ± 0.015 $\chi^2/\text{NDF}: 582756.6/48$

dit atr1 4aY slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 14.973+/-0.024 χ^2/NDF :3922.4/8

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.441+/-0.024 χ^2 /NDF:2637.5/6

Left: 15.207 ± 0.017 χ^2/NDF : 6754.3/15

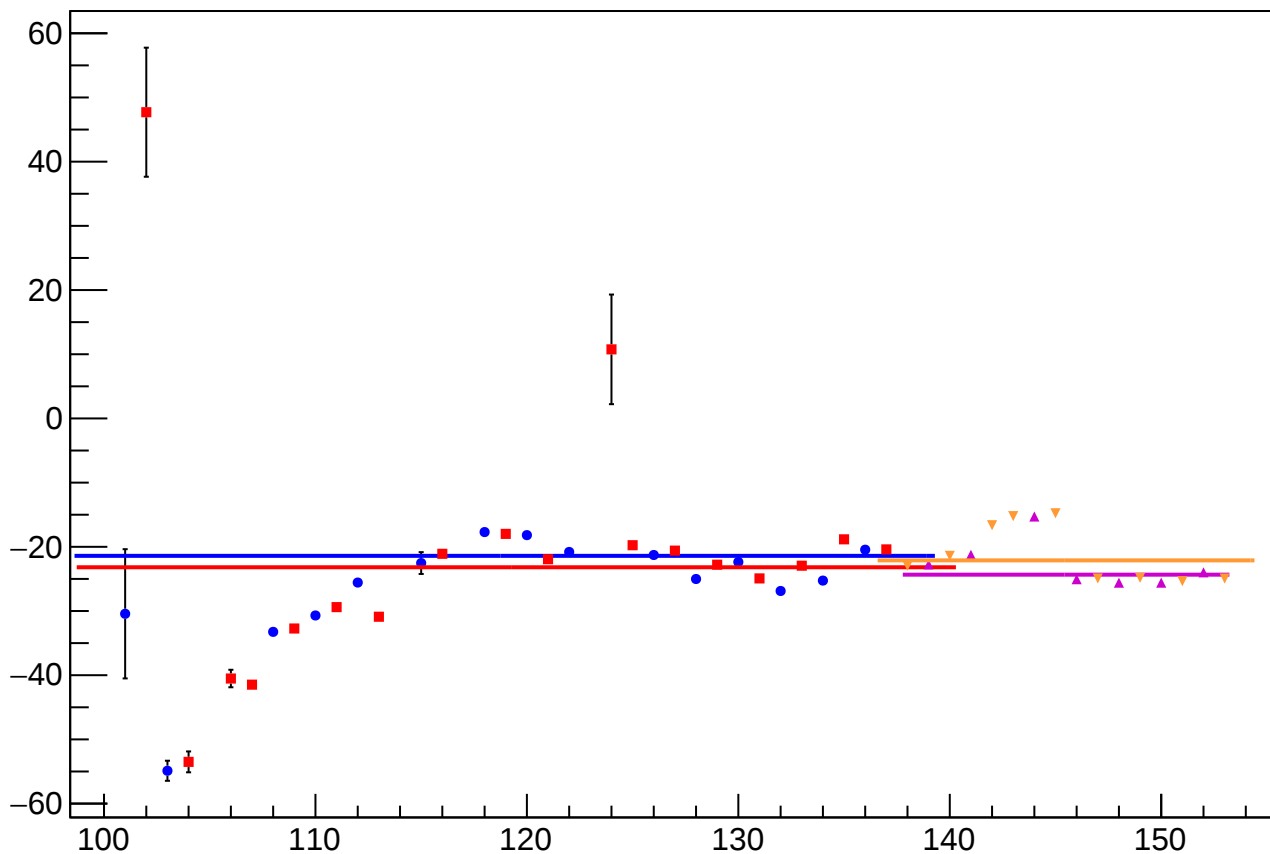
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

ln: 15.090+/-0.019 χ^2/NDF :15269.1/21

Out: 14.909+/-0.021 χ^2/NDF :5586.8/26

All: 15.010 ± 0.014 χ^2/NDF : 20898.0/48

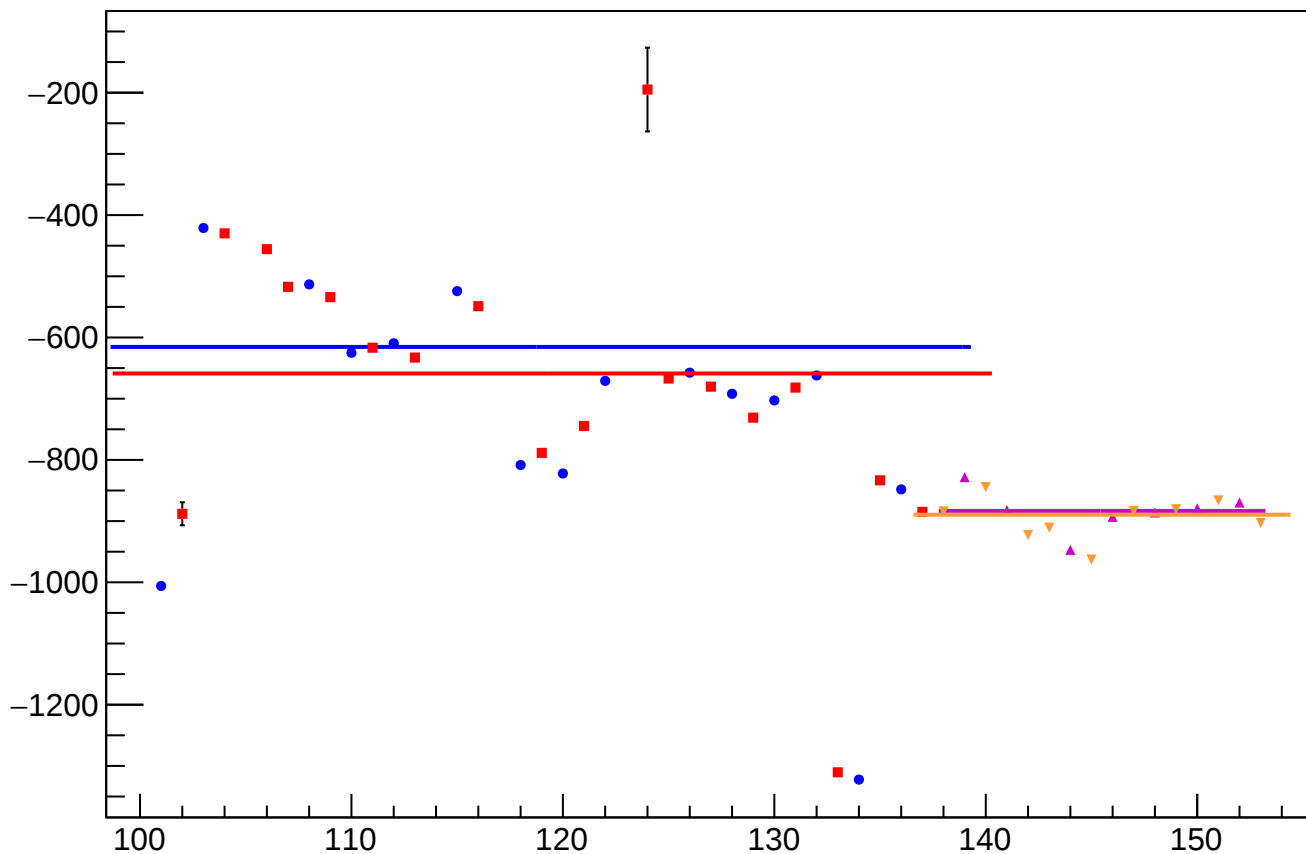
dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$
 Left Out: -22.112 ± 0.026 $\chi^2/\text{NDF}: 25146.5/8$
 Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$
 Left In: -24.338 ± 0.027 $\chi^2/\text{NDF}: 7291.2/6$

Left: -23.192 ± 0.019 $\chi^2/\text{NDF}: 36007.6/15$
 Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$
 In: -23.280 ± 0.021 $\chi^2/\text{NDF}: 21320.1/21$
 Out: -22.332 ± 0.023 $\chi^2/\text{NDF}: 34624.6/26$
 All: -22.844 ± 0.016 $\chi^2/\text{NDF}: 56849.8/48$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -889.526+/-0.244 χ^2/NDF :10980.2/8

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -883.328+/-0.213 χ^2/NDF :8624.7/6

Left: -886.014+/-0.161 χ^2/NDF : 19970.1/15

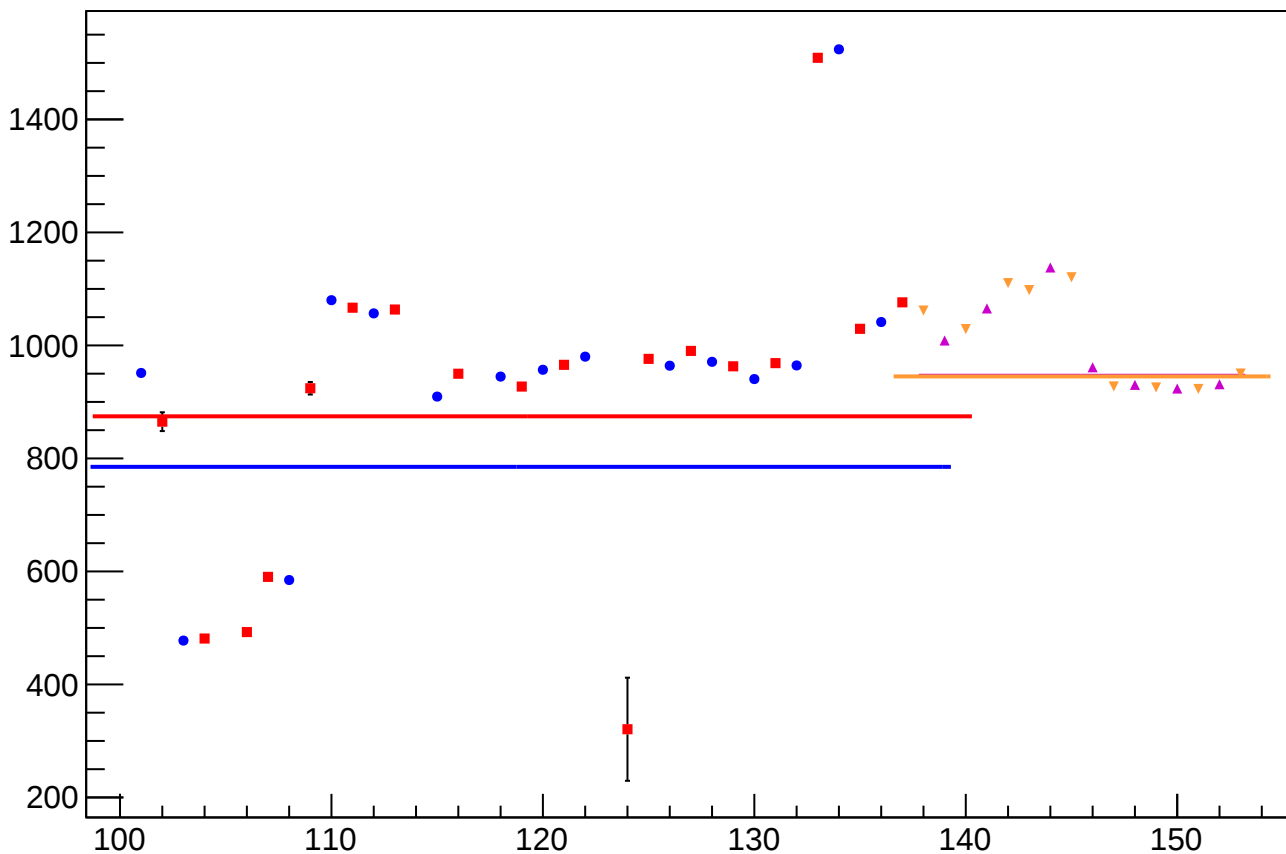
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -763.669+/-0.159 χ^2/NDF :1094973.0/21

Out: -779.793+/-0.177 χ^2/NDF :821294.6/26

All: -770.871+/-0.118 χ^2/NDF : 1920872.8/48

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.146+/-0.191 χ^2/NDF : 67876.6/8

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 946.266+/-0.179 χ^2/NDF : 72745.7/6

Left: 945.742+/-0.131 χ^2/NDF : 140640.6/15

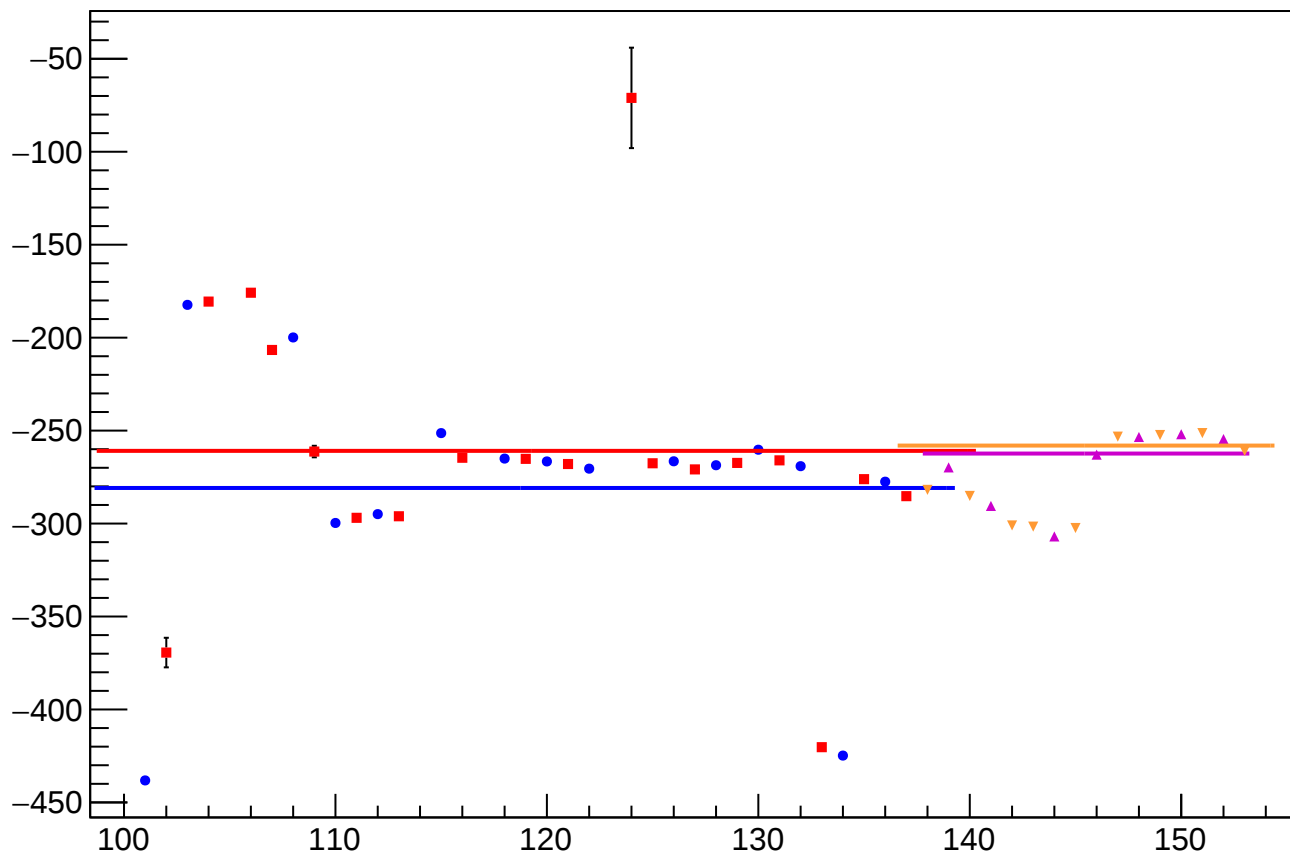
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 884.659+/-0.141 χ^2/NDF : 1267476.2/21

Out: 920.514+/-0.154 χ^2/NDF : 958039.5/26

All: 900.975+/-0.104 χ^2/NDF : 2254945.7/48

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.051 ± 0.030 $\chi^2/\text{NDF}: 155682.0/8$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -262.344 ± 0.038 $\chi^2/\text{NDF}: 161561.7/6$

Left: -259.754 ± 0.024 $\chi^2/\text{NDF}: 325107.9/15$

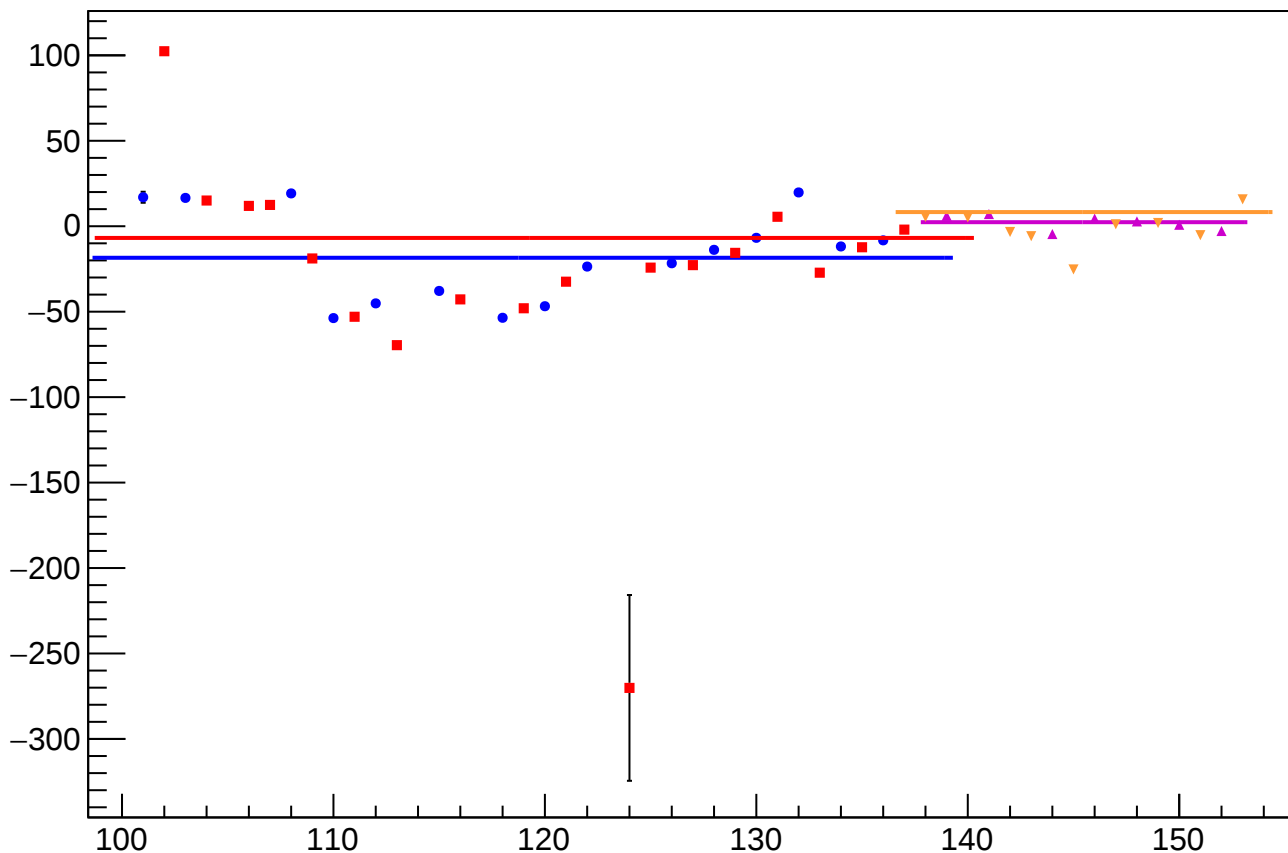
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -267.751 ± 0.032 $\chi^2/\text{NDF}: 1105982.8/21$

Out: -258.532 ± 0.028 $\chi^2/\text{NDF}: 504874.0/26$

All: -262.548 ± 0.021 $\chi^2/\text{NDF}: 1658784.8/48$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 $\pm$ 0.091 χ^2 /NDF: 46574.6/14

Left Out: 8.291 $\pm$ 0.039 χ^2 /NDF: 40845.1/8

Right Out: -6.843 $\pm$ 0.065 χ^2 /NDF: 50023.0/17

Left In: 2.368 $\pm$ 0.041 χ^2 /NDF: 4216.0/6

Left: 5.493 $\pm$ 0.028 χ^2 /NDF: 55878.2/15

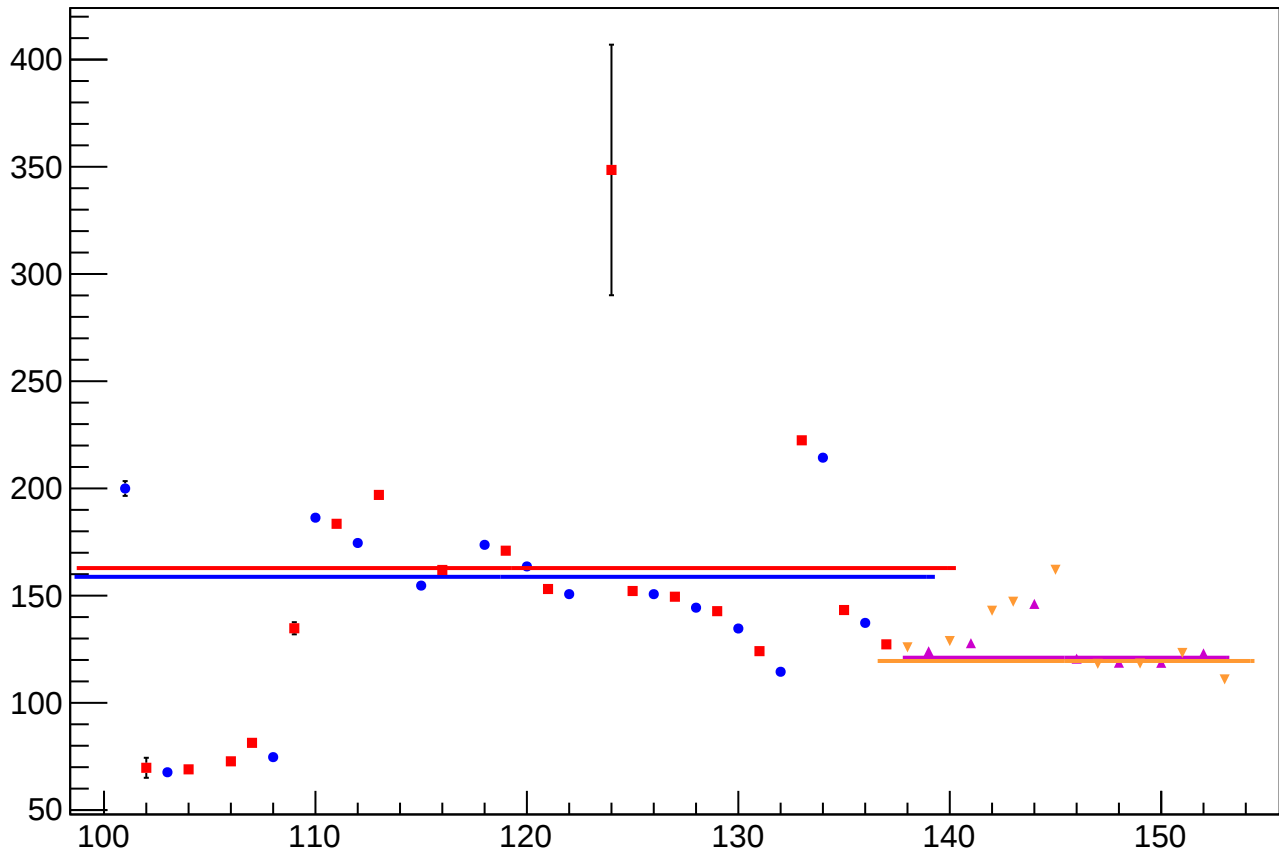
Right: -10.715 $\pm$ 0.053 χ^2 /NDF: 107378.5/32

In: -1.178 $\pm$ 0.038 χ^2 /NDF: 93962.5/21

Out: 4.224 $\pm$ 0.033 χ^2 /NDF: 131036.8/26

All: 1.841 $\pm$ 0.025 χ^2 /NDF: 236491.8/48

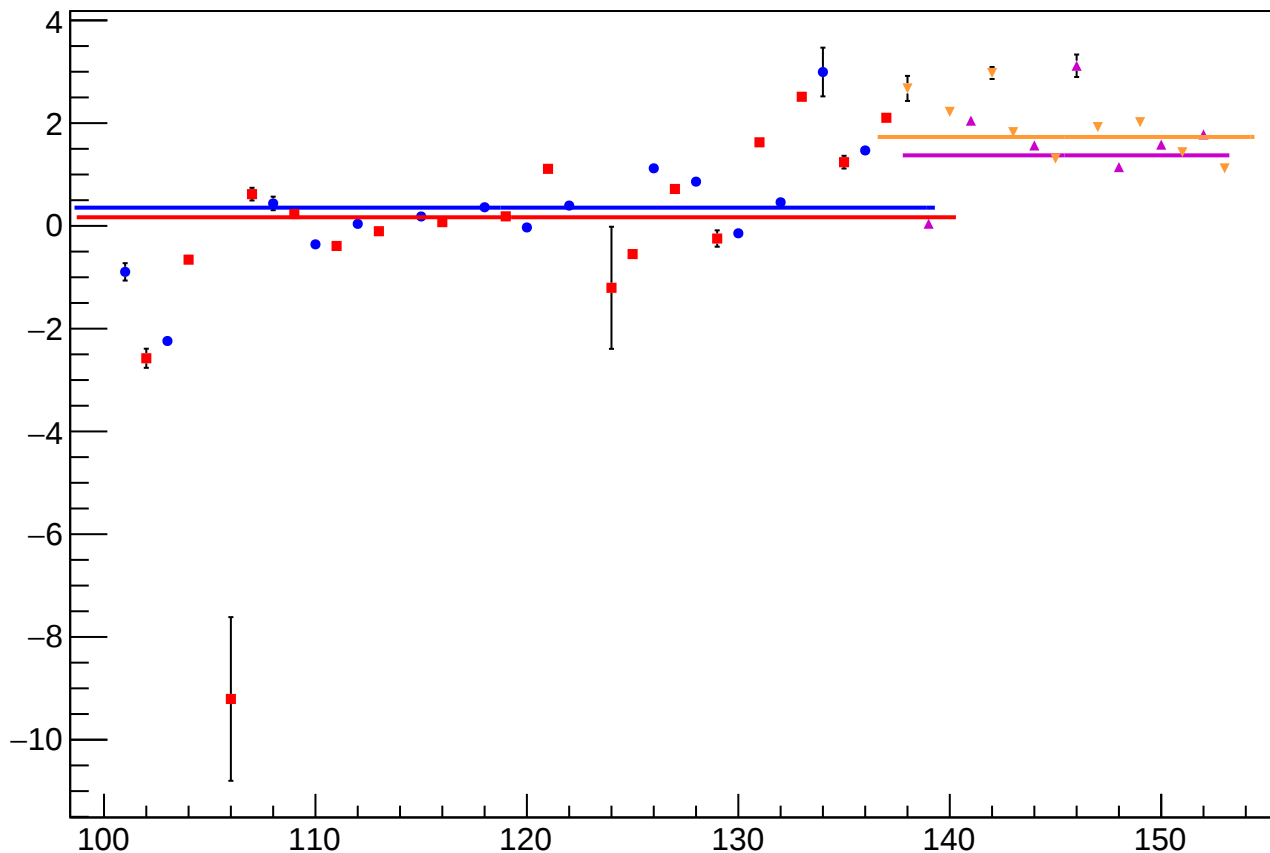
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 119.528 $\pm$ 0.047 χ^2/NDF : 44793.1/8
 Right Out: 162.856 $\pm$ 0.093 χ^2/NDF : 156176.8/17
 Left In: 121.051 $\pm$ 0.044 χ^2/NDF : 12991.8/6

Left: 120.331 $\pm$ 0.032 χ^2/NDF : 58346.2/15
 Right: 160.702 $\pm$ 0.064 χ^2/NDF : 316204.3/32
 In: 128.609 $\pm$ 0.040 χ^2/NDF : 317907.8/21
 Out: 128.205 $\pm$ 0.042 χ^2/NDF : 373565.9/26
 All: 128.418 $\pm$ 0.029 χ^2/NDF : 691523.0/48

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 $\pm$ 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.731 $\pm$ 0.016 χ^2/NDF : 597.0/8

Right Out: 0.168 $\pm$ 0.008 χ^2/NDF : 4588.1/17

Left In: 1.373 $\pm$ 0.012 χ^2/NDF : 2745.1/6

Left: 1.498 $\pm$ 0.010 χ^2/NDF : 3651.8/15

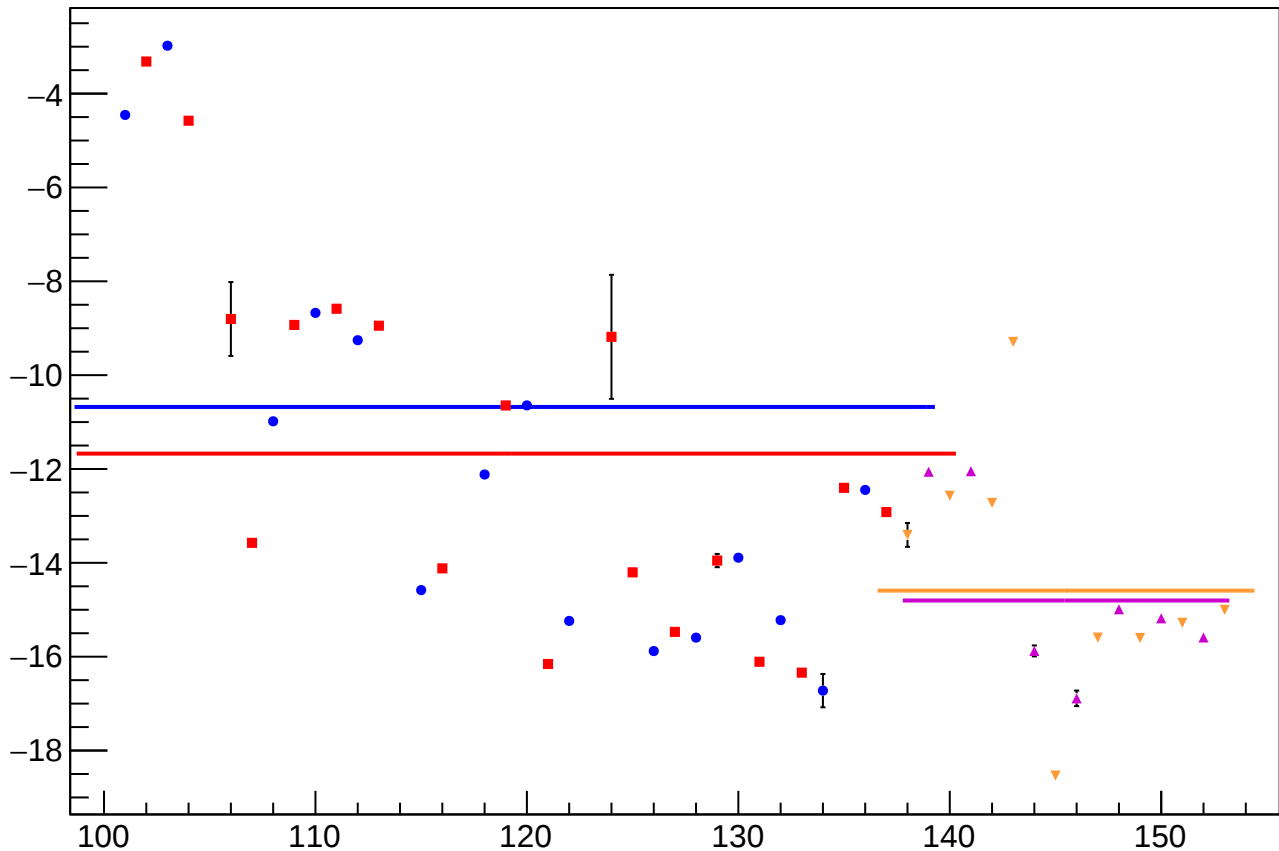
Right: 0.223 $\pm$ 0.006 χ^2/NDF : 8777.2/32

In: 0.854 $\pm$ 0.008 χ^2/NDF : 10427.6/21

Out: 0.446 $\pm$ 0.007 χ^2/NDF : 12639.3/26

All: 0.611 $\pm$ 0.005 χ^2/NDF : 24465.5/48

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.592 ± 0.013 $\chi^2/\text{NDF}: 28454.7/8$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.803 ± 0.011 $\chi^2/\text{NDF}: 9921.2/6$

Left: -14.713 ± 0.009 $\chi^2/\text{NDF}: 38520.1/15$

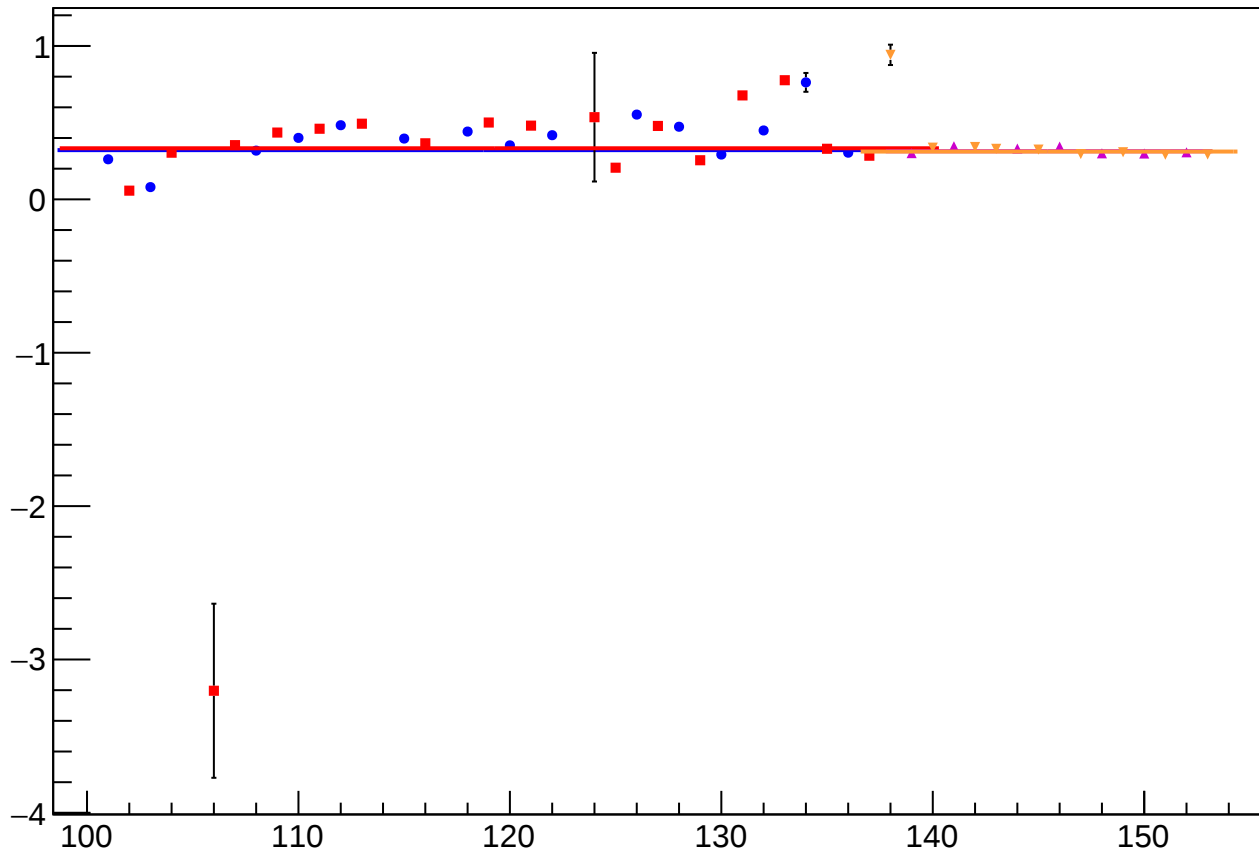
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -12.511 ± 0.008 $\chi^2/\text{NDF}: 308307.1/21$

Out: -12.937 ± 0.009 $\chi^2/\text{NDF}: 163553.3/26$

All: -12.696 ± 0.006 $\chi^2/\text{NDF}: 473197.9/48$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.312 $\pm$ 0.000 χ^2 /NDF:2258.9/8

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.314 $\pm$ 0.000 χ^2 /NDF:1365.1/6

Left: 0.313 $\pm$ 0.000 χ^2 /NDF: 3634.9/15

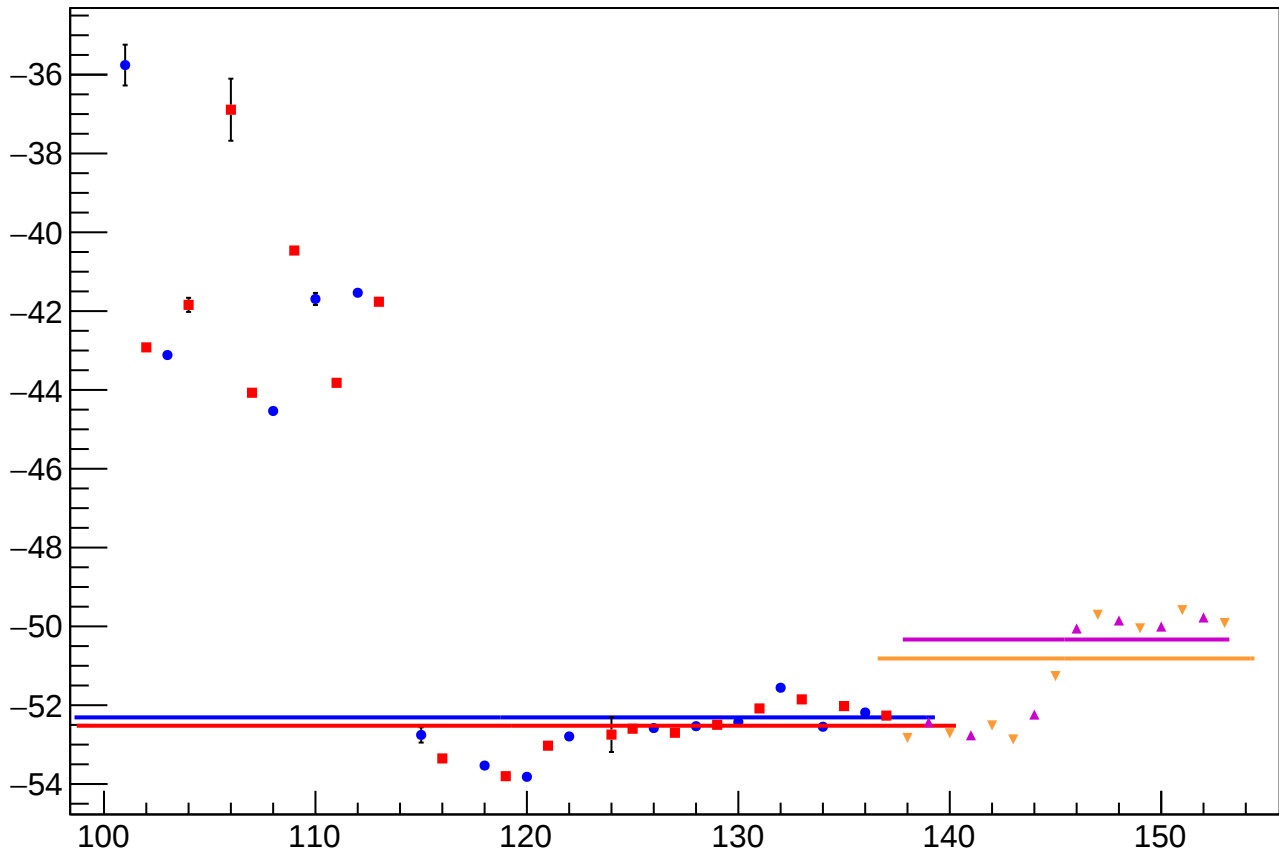
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.315 $\pm$ 0.000 χ^2 /NDF:5432.4/21

Out: 0.314 $\pm$ 0.000 χ^2 /NDF:6692.2/26

All: 0.314 $\pm$ 0.000 χ^2 /NDF: 12129.2/48

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.814 $\pm$ 0.003 χ^2 /NDF:189484.6/8

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.333 $\pm$ 0.002 χ^2 /NDF:147898.9/6

Left: -50.509 $\pm$ 0.002 χ^2 /NDF: 352033.2/15

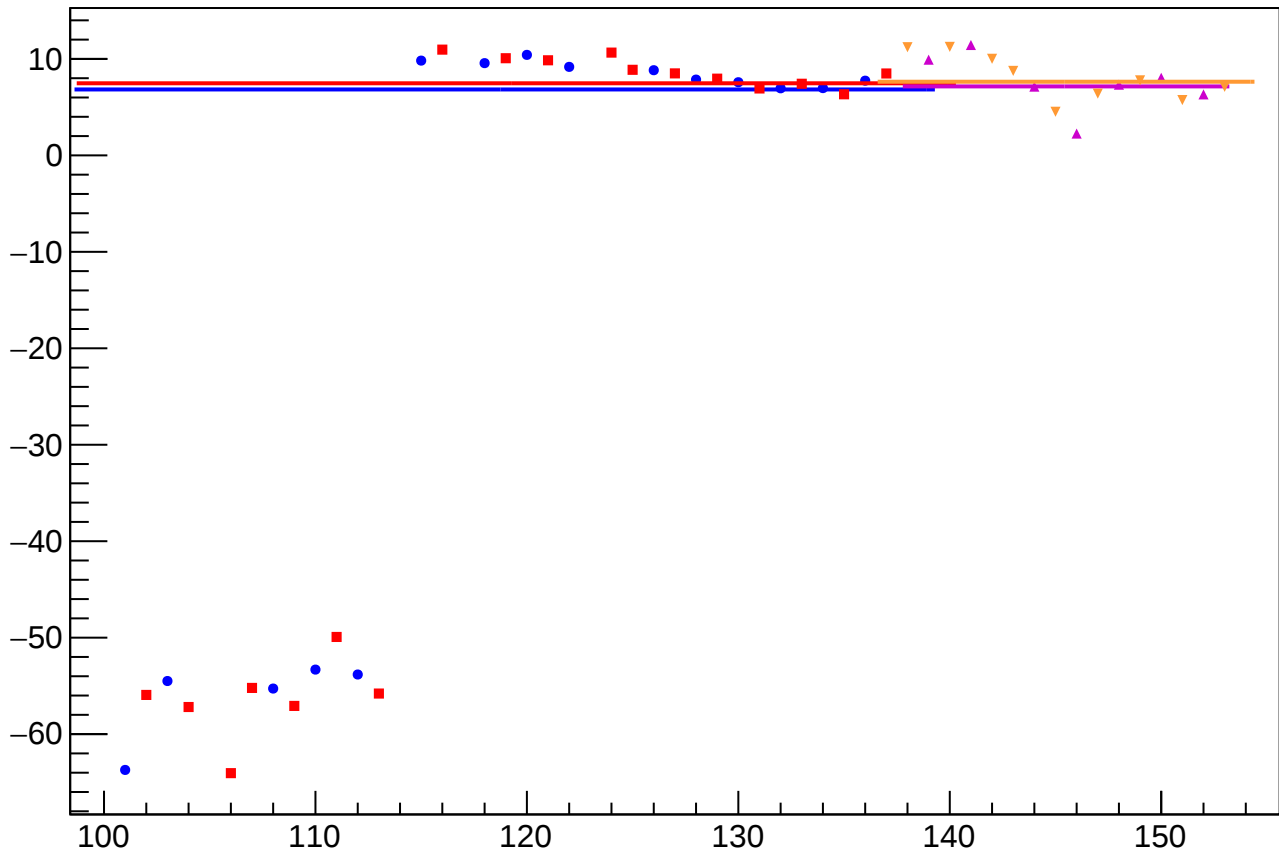
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.785 $\pm$ 0.002 χ^2 /NDF:355916.3/21

Out: -51.362 $\pm$ 0.003 χ^2 /NDF:359316.1/26

All: -51.013 $\pm$ 0.002 χ^2 /NDF: 744803.7/48

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834+/-0.005 χ^2/NDF : 990576.4/14

Left Out: 7.636+/-0.007 χ^2/NDF : 71004.7/8

Right Out: 7.474+/-0.009 χ^2/NDF : 1195498.7/17

Left In: 7.150+/-0.006 χ^2/NDF : 88175.8/6

Left: 7.373+/-0.004 χ^2/NDF : 162098.8/15

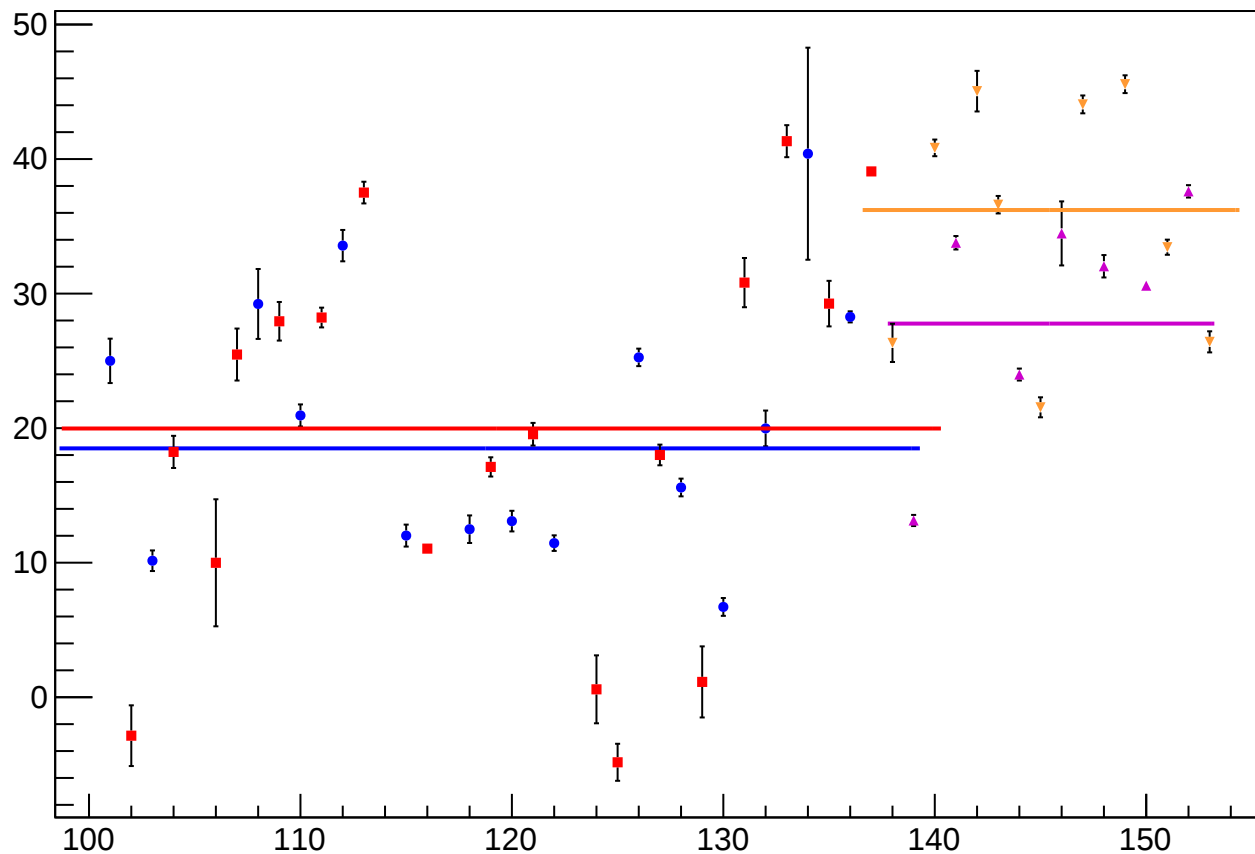
Right: 6.980+/-0.004 χ^2/NDF : 2189734.1/32

In: 6.963+/-0.004 χ^2/NDF : 1080350.6/21

Out: 7.581+/-0.005 χ^2/NDF : 1266704.9/26

All: 7.175+/-0.003 χ^2/NDF : 2355709.6/48

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.212 ± 0.242 χ^2/NDF : 1047.7/8

Right Out: 19.974 ± 0.130 χ^2/NDF : 9201.3/17

Left In: 27.770 ± 0.180 χ^2/NDF : 2028.9/6

Left: 30.782 ± 0.145 χ^2/NDF : 3858.4/15

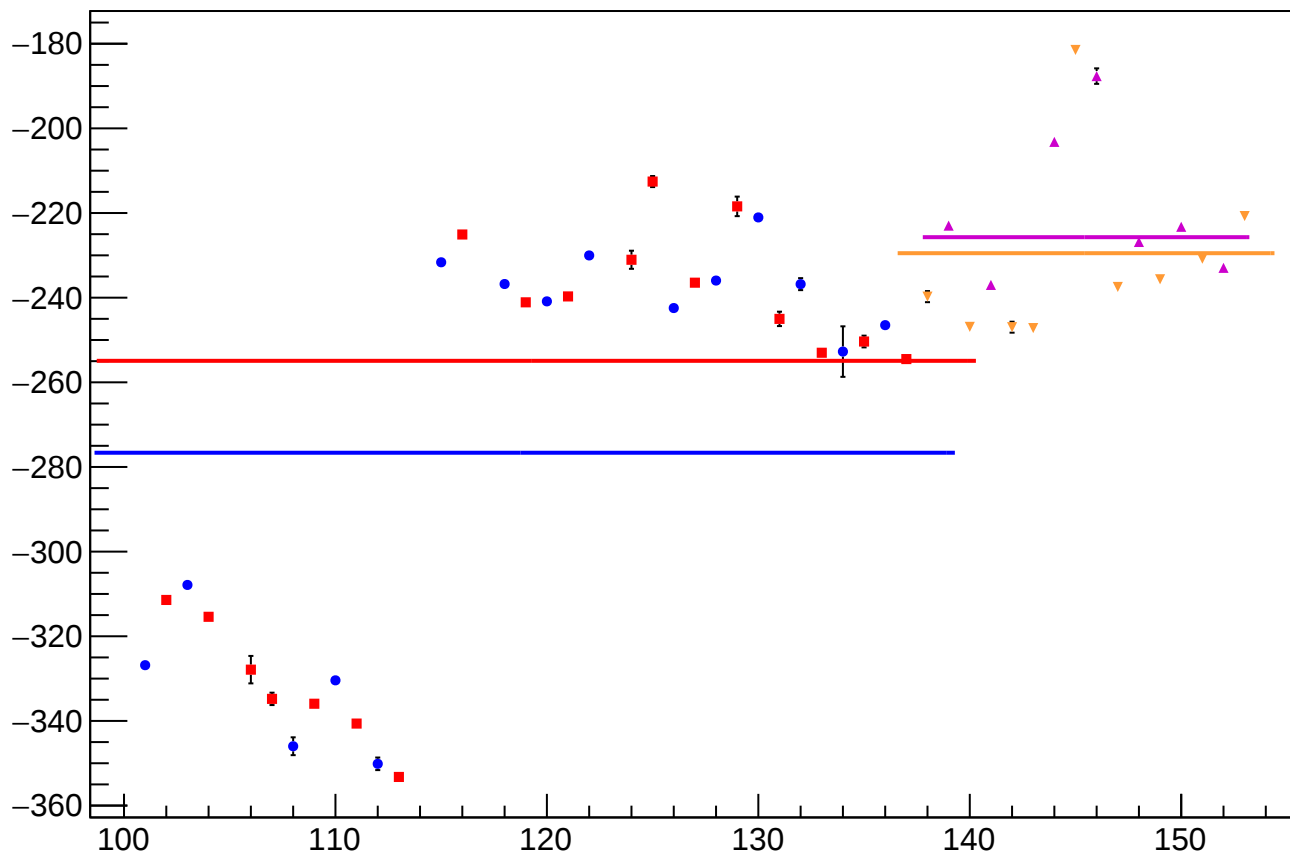
Right: 19.534 ± 0.109 χ^2/NDF : 10876.3/32

In: 23.613 ± 0.134 χ^2/NDF : 4851.3/21

Out: 23.615 ± 0.115 χ^2/NDF : 13738.0/26

All: 23.614 ± 0.087 χ^2/NDF : 18589.3/48

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -229.492 ± 0.194 χ^2/NDF : 10889.4/8

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -225.708 ± 0.158 χ^2/NDF : 2520.7/6

Left: -227.217 ± 0.122 χ^2/NDF : 13639.9/15

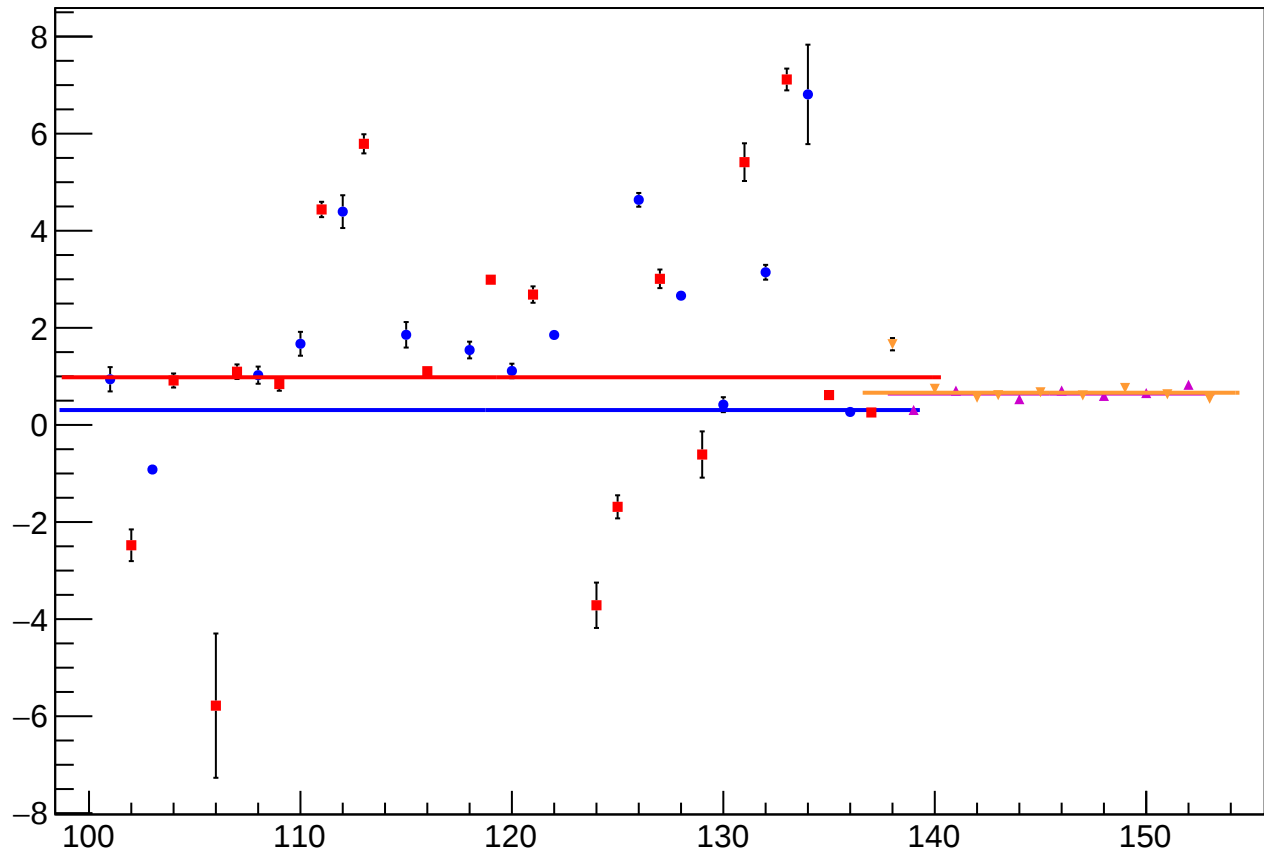
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -252.863 ± 0.108 χ^2/NDF : 135255.6/21

Out: -251.889 ± 0.067 χ^2/NDF : 98034.4/26

All: -252.160 ± 0.057 χ^2/NDF : 233349.1/48

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.664 ± 0.003 $\chi^2/\text{NDF}: 543.1/8$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.646 ± 0.003 $\chi^2/\text{NDF}: 3270.3/6$

Left: 0.654 ± 0.002 $\chi^2/\text{NDF}: 3828.2/15$

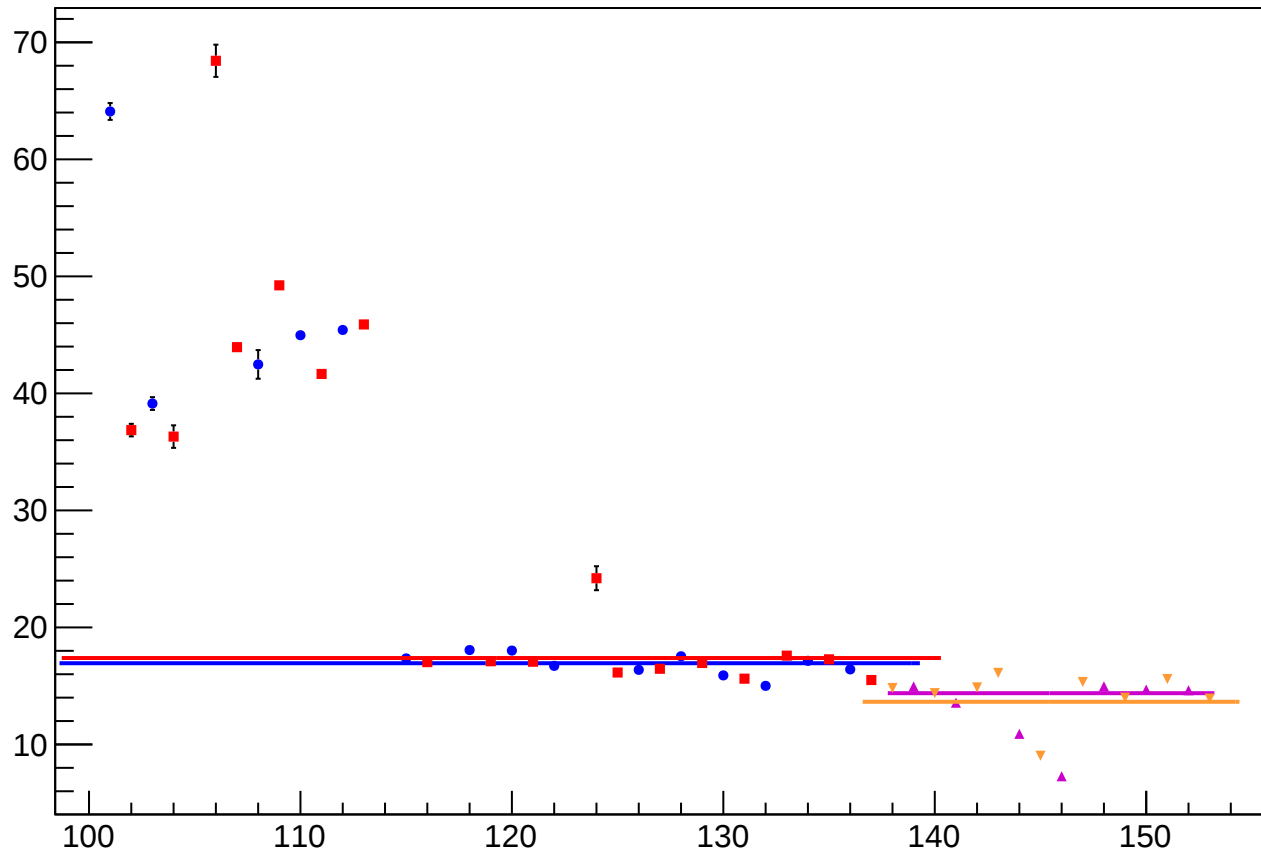
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.589 ± 0.003 $\chi^2/\text{NDF}: 8232.3/21$

Out: 0.680 ± 0.003 $\chi^2/\text{NDF}: 4364.2/26$

All: 0.625 ± 0.002 $\chi^2/\text{NDF}: 13044.4/48$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 $\pm$ 0.013 χ^2/NDF : 29019.8/14

Left Out: 13.646 $\pm$ 0.013 χ^2/NDF : 43669.5/8

Right Out: 17.385 $\pm$ 0.018 χ^2/NDF : 61131.5/17

Left In: 14.381 $\pm$ 0.017 χ^2/NDF : 5207.1/6

Left: 13.913 $\pm$ 0.010 χ^2/NDF : 50102.2/15

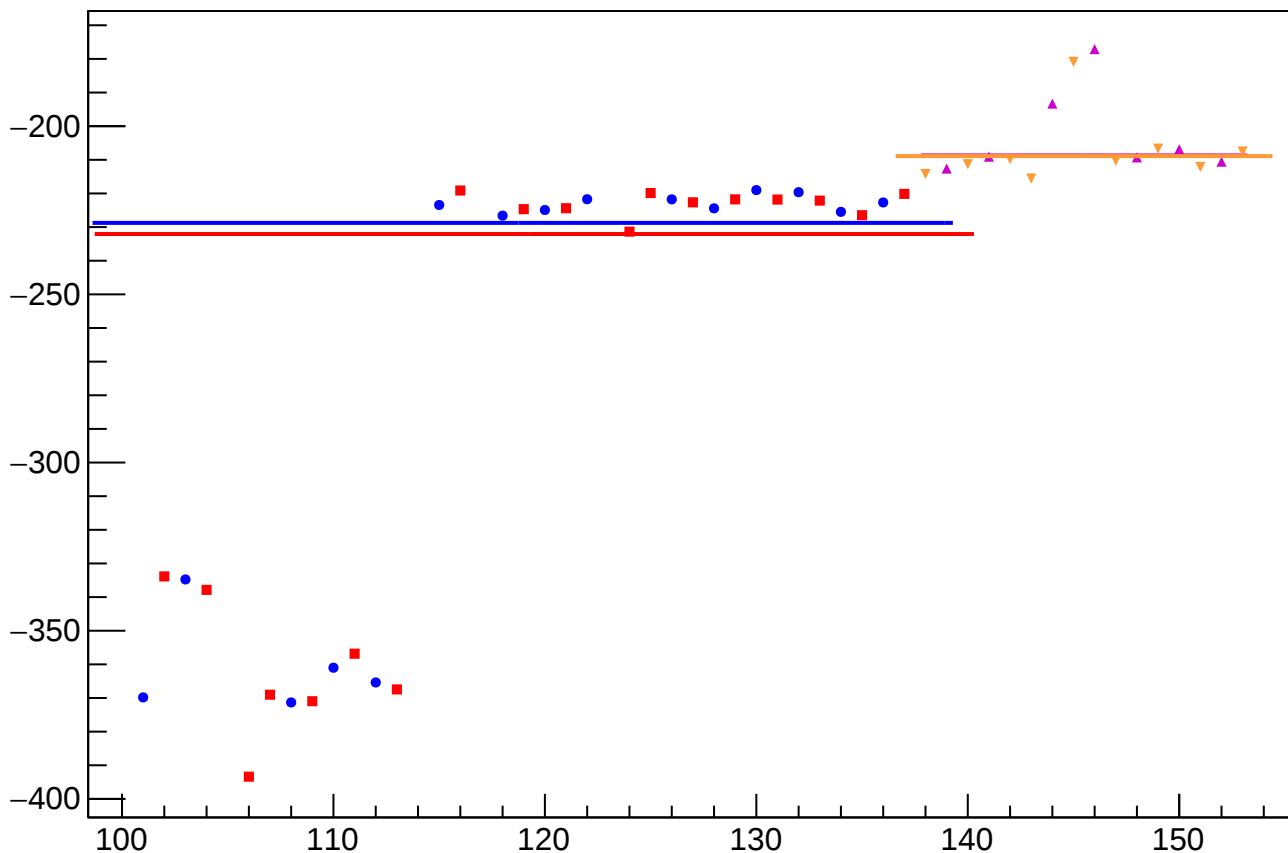
Right: 17.096 $\pm$ 0.010 χ^2/NDF : 90566.4/32

In: 15.990 $\pm$ 0.010 χ^2/NDF : 48926.6/21

Out: 14.922 $\pm$ 0.010 χ^2/NDF : 134572.8/26

All: 15.460 $\pm$ 0.007 χ^2/NDF : 188944.5/48

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.901 ± 0.023 $\chi^2/\text{NDF}: 72262.9/8$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.696 ± 0.025 $\chi^2/\text{NDF}: 12363.0/6$

Left: -208.807 ± 0.017 $\chi^2/\text{NDF}: 84662.9/15$

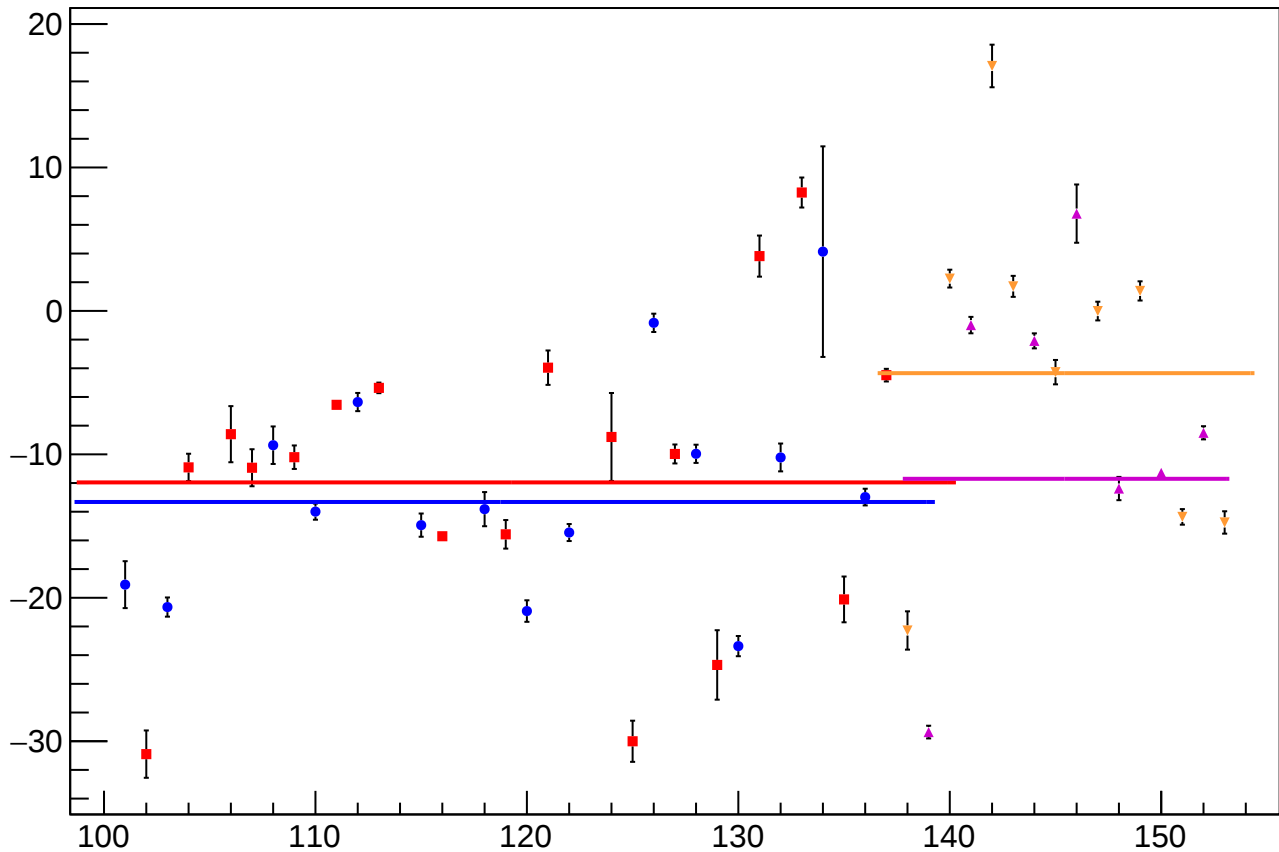
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -215.503 ± 0.020 $\chi^2/\text{NDF}: 890744.2/21$

Out: -214.293 ± 0.020 $\chi^2/\text{NDF}: 1104954.4/26$

All: -214.889 ± 0.014 $\chi^2/\text{NDF}: 1997514.2/48$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 χ^2/NDF : 1013.0/14

Left Out: -4.340 ± 0.246 χ^2/NDF : 1204.6/8

Right Out: -11.956 ± 0.113 χ^2/NDF : 2487.2/17

Left In: -11.705 ± 0.194 χ^2/NDF : 2405.1/6

Left: -8.880 ± 0.153 χ^2/NDF : 4160.0/15

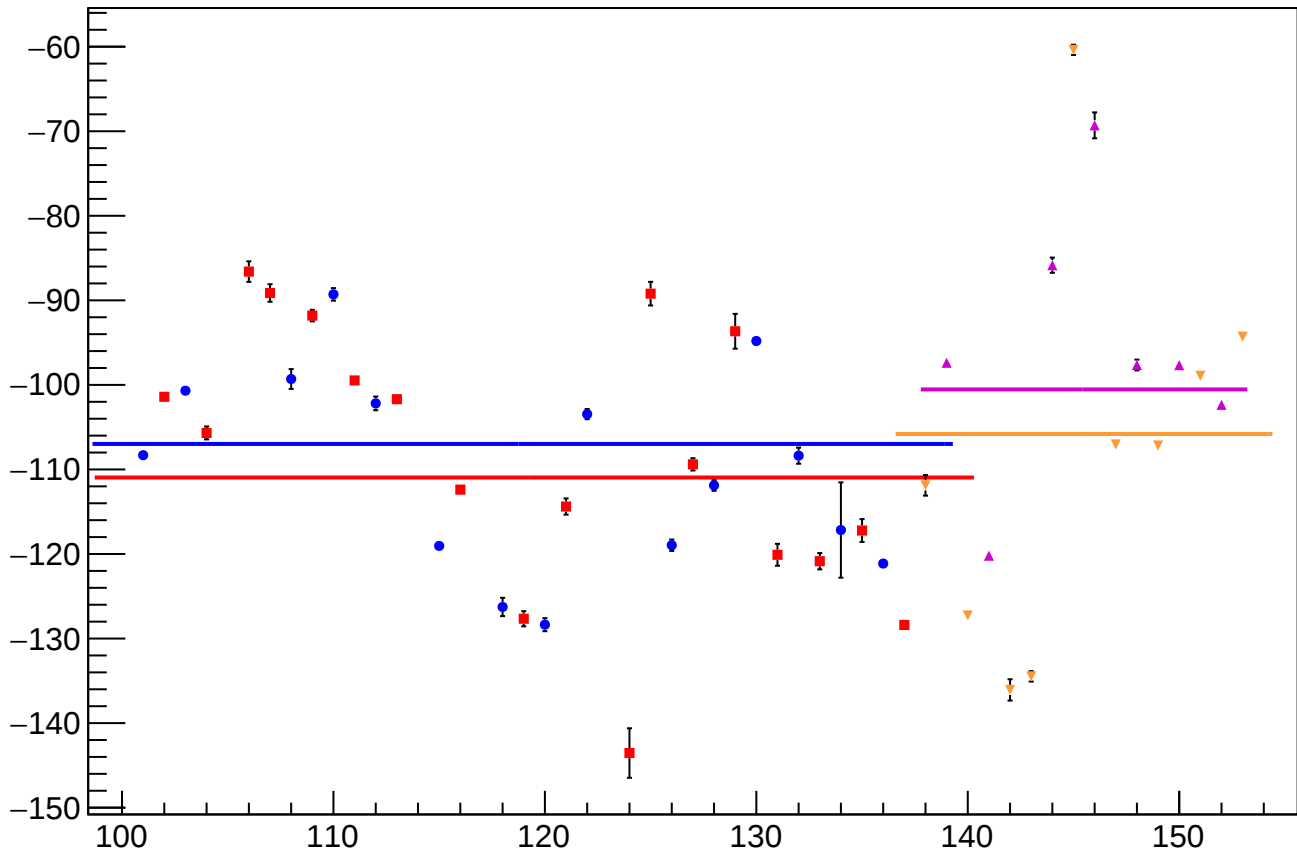
Right: -12.301 ± 0.097 χ^2/NDF : 3537.3/32

In: -12.516 ± 0.137 χ^2/NDF : 3452.8/21

Out: -10.642 ± 0.102 χ^2/NDF : 4481.7/26

All: -11.312 ± 0.082 χ^2/NDF : 8054.3/48

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983+/-0.110 χ^2/NDF : 4658.3/14

Left Out: -105.805+/-0.194 χ^2/NDF :10960.0/8

Right Out: -110.955+/-0.050 χ^2/NDF : 10675.0/17

Left In: -100.536+/-0.164 χ^2/NDF :2751.8/6

Left: -102.738+/-0.125 χ^2/NDF : 14141.8/15

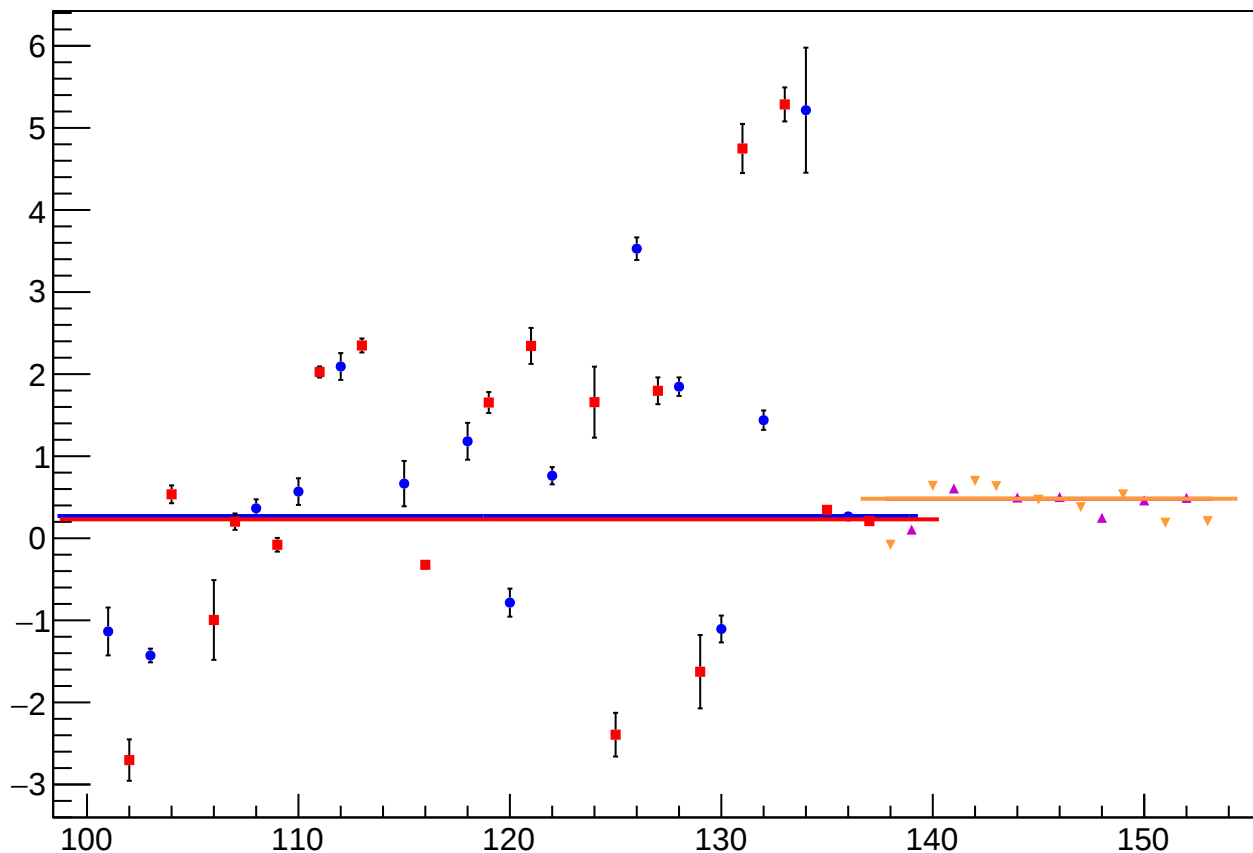
Right: -110.271+/-0.046 χ^2/NDF : 16412.2/32

In: -104.986+/-0.091 χ^2/NDF :8473.4/21

Out: -110.631+/-0.049 χ^2/NDF :22296.3/26

All: -109.388+/-0.043 χ^2/NDF : 33744.2/48

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.482 ± 0.004 χ^2/NDF : 2162.8/8

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.481 ± 0.003 χ^2/NDF : 2571.1/6

Left: 0.481 ± 0.002 χ^2/NDF : 4733.9/15

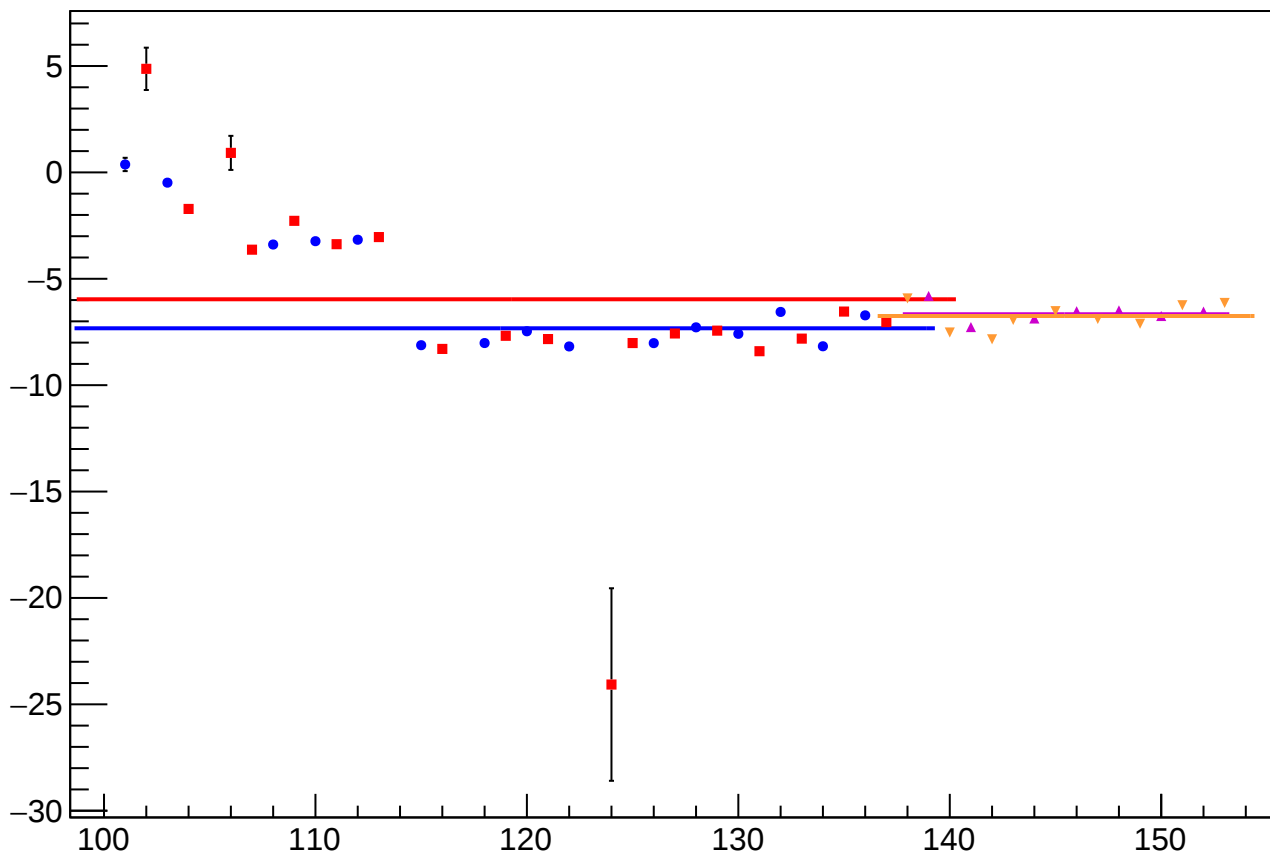
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.434 ± 0.003 χ^2/NDF : 5387.3/21

Out: 0.370 ± 0.003 χ^2/NDF : 6858.6/26

All: 0.407 ± 0.002 χ^2/NDF : 12515.4/48

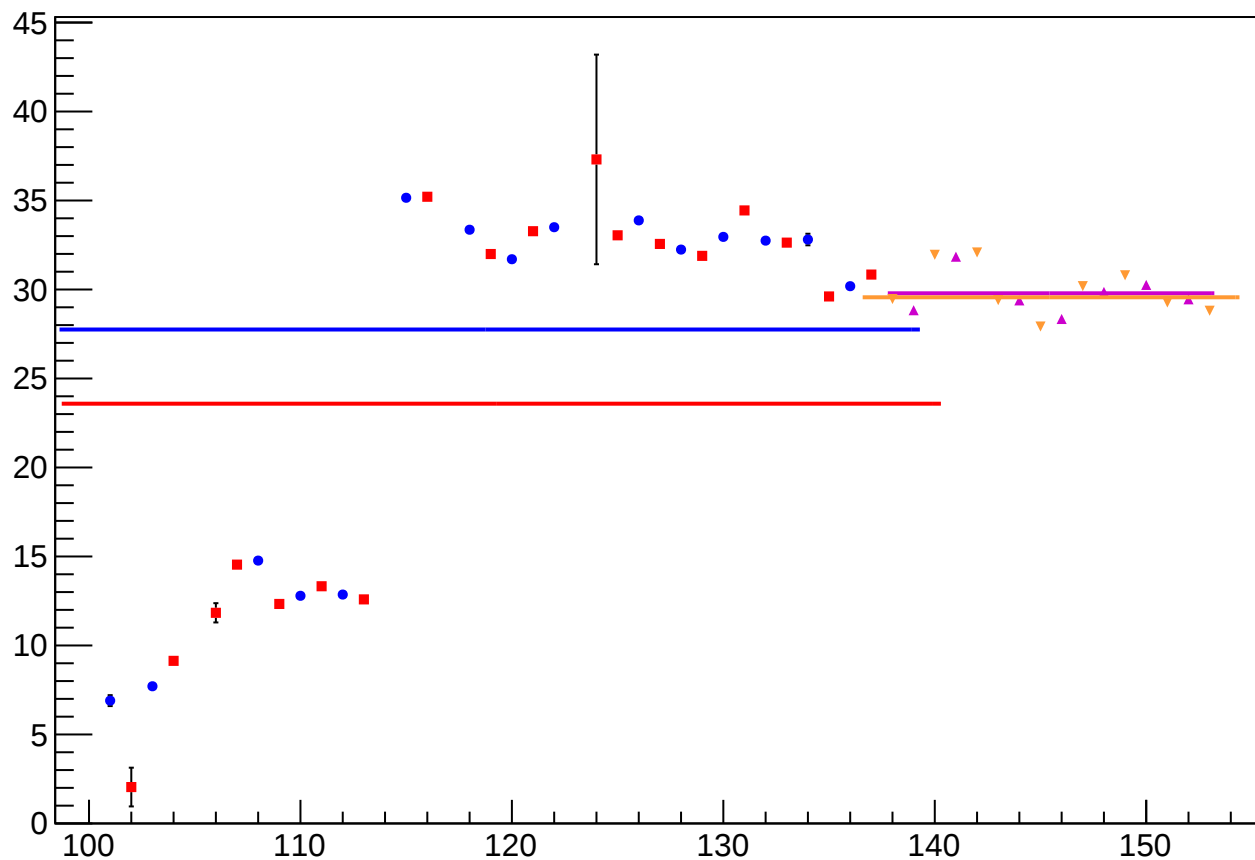
dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$
 Left Out: -6.749 ± 0.009 $\chi^2/\text{NDF}: 2294.4/8$
 Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$
 Left In: -6.667 ± 0.007 $\chi^2/\text{NDF}: 2806.2/6$

Left: -6.700 ± 0.006 $\chi^2/\text{NDF}: 5150.3/15$
 Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$
 In: -6.956 ± 0.006 $\chi^2/\text{NDF}: 36781.6/21$
 Out: -6.345 ± 0.006 $\chi^2/\text{NDF}: 77988.4/26$
 All: -6.689 ± 0.004 $\chi^2/\text{NDF}: 120075.9/48$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.562 $\pm$ 0.016 χ^2 /NDF:6858.4/8

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.787 $\pm$ 0.014 χ^2 /NDF:2036.2/6

Left: 29.684 $\pm$ 0.011 χ^2 /NDF: 9006.2/15

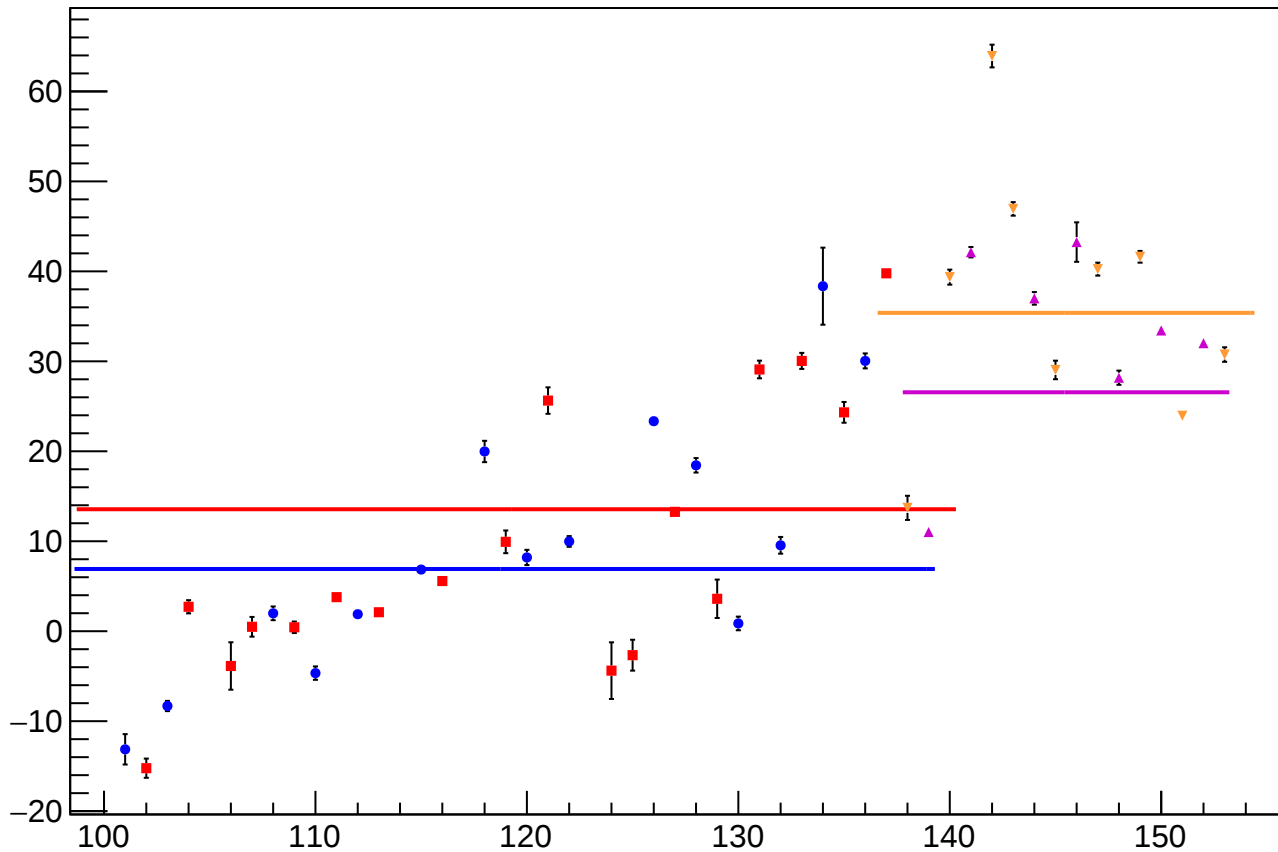
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.819 $\pm$ 0.010 χ^2 /NDF:344558.6/21

Out: 26.181 $\pm$ 0.010 χ^2 /NDF:628987.1/26

All: 27.492 $\pm$ 0.007 χ^2 /NDF: 1006064.7/48

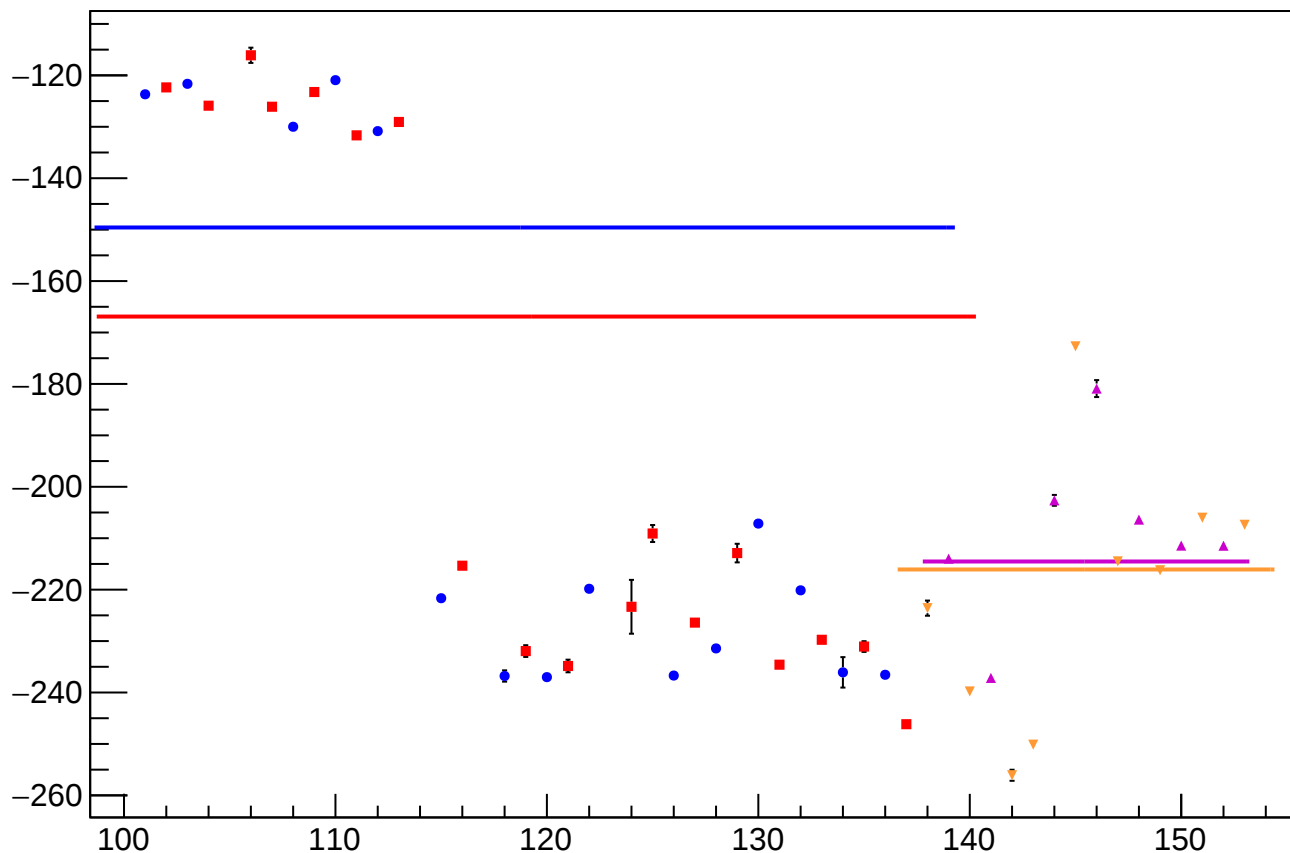
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 35.387 ± 0.259 $\chi^2/\text{NDF}: 1727.0/8$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.558 ± 0.188 $\chi^2/\text{NDF}: 3820.6/6$

Left: 29.597 ± 0.152 $\chi^2/\text{NDF}: 6307.7/15$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 16.126 ± 0.129 $\chi^2/\text{NDF}: 13127.5/21$
 Out: 18.760 ± 0.127 $\chi^2/\text{NDF}: 18781.2/26$
 All: 17.464 ± 0.090 $\chi^2/\text{NDF}: 32121.6/48$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -216.077 ± 0.210 χ^2/NDF : 9893.1/8

Right Out: -166.899 ± 0.101 χ^2/NDF : 295489.9/17

Left In: -214.526 ± 0.158 χ^2/NDF : 3385.9/6

Left: -215.086 ± 0.126 χ^2/NDF : 13313.9/15

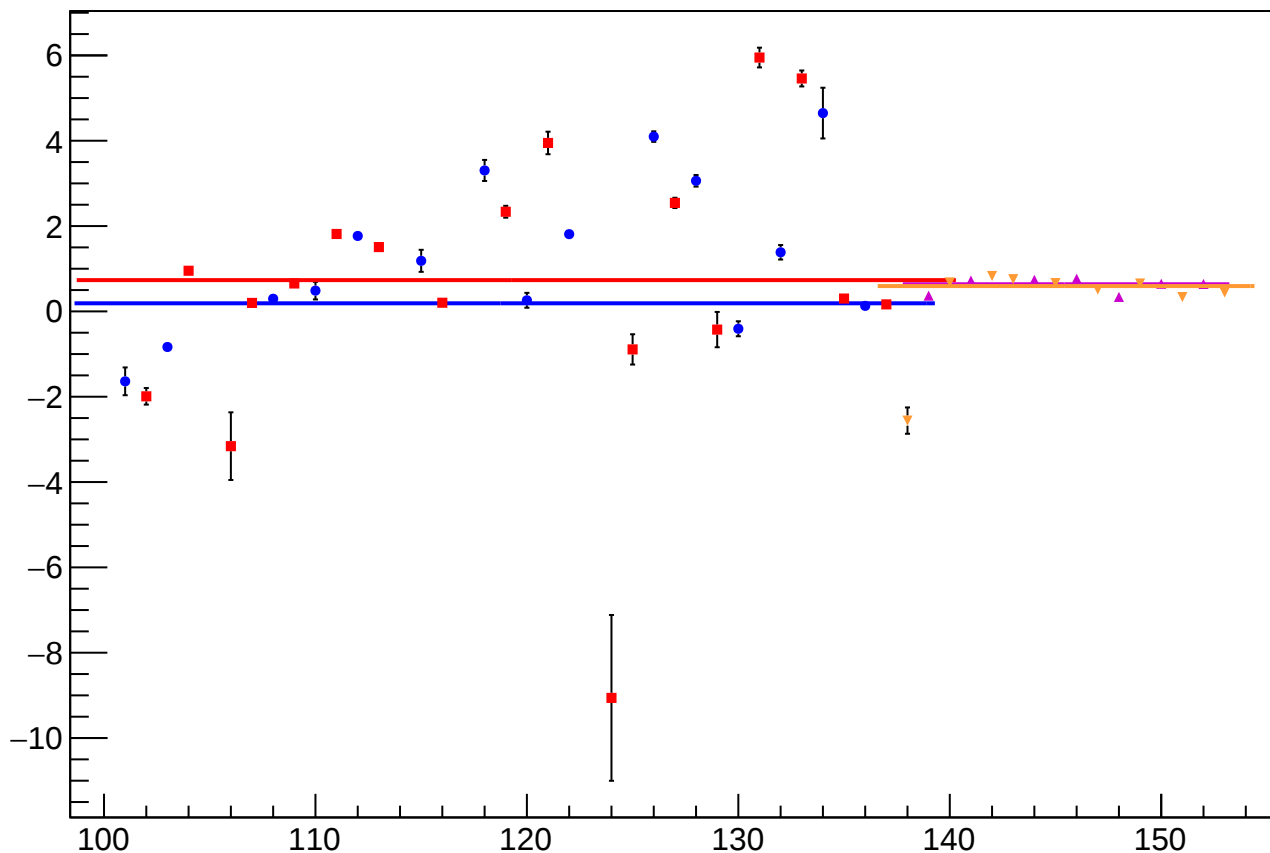
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -168.437 ± 0.085 χ^2/NDF : 318839.2/21

Out: -176.104 ± 0.091 χ^2/NDF : 350120.4/26

All: -172.021 ± 0.062 χ^2/NDF : 672764.6/48

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 $\pm$ 0.009 χ^2 /NDF: 2727.5/14

Left Out: 0.593 $\pm$ 0.005 χ^2 /NDF:1168.2/8

Right Out: 0.733 $\pm$ 0.020 χ^2 /NDF: 2666.9/17

Left In: 0.636 $\pm$ 0.004 χ^2 /NDF:1026.7/6

Left: 0.620 $\pm$ 0.003 χ^2 /NDF: 2246.8/15

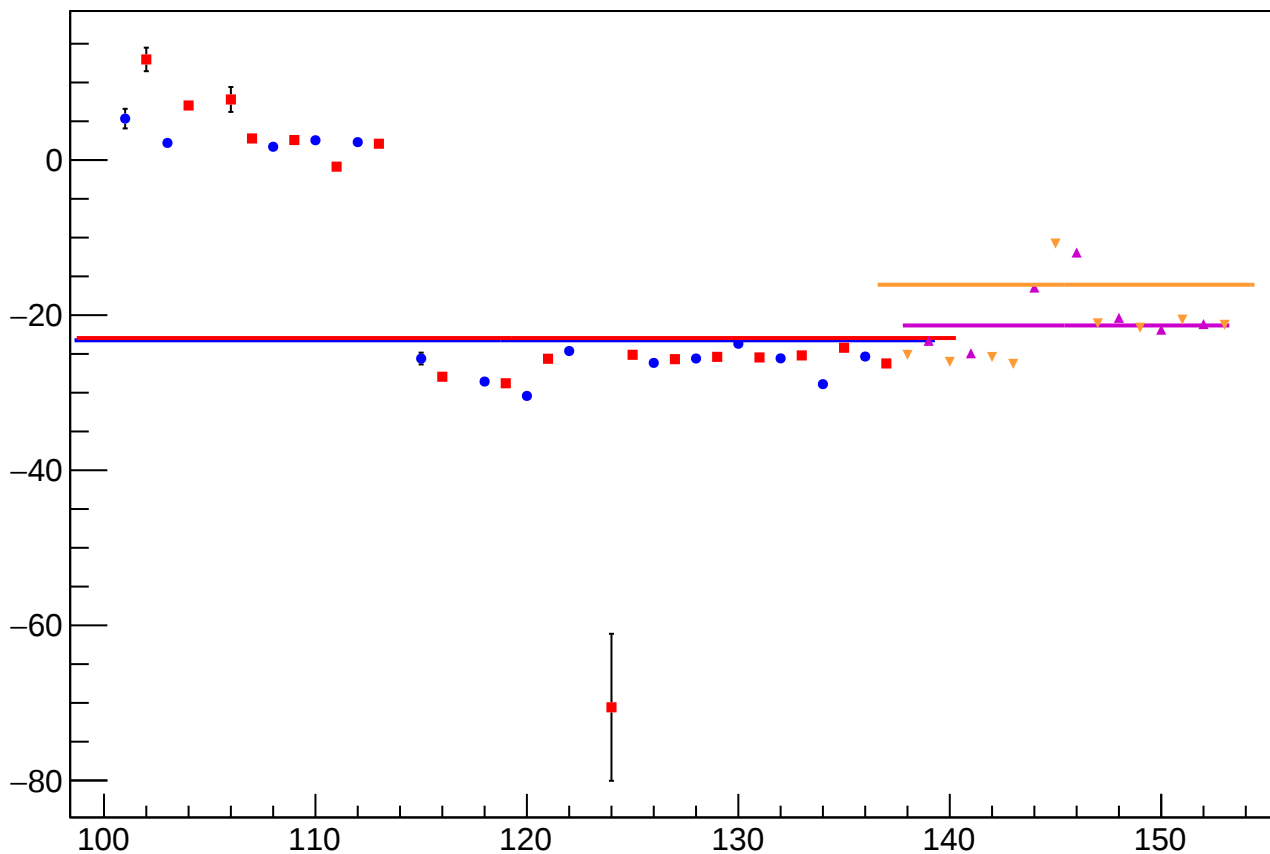
Right: 0.276 $\pm$ 0.008 χ^2 /NDF: 6029.4/32

In: 0.568 $\pm$ 0.003 χ^2 /NDF:6031.6/21

Out: 0.601 $\pm$ 0.005 χ^2 /NDF:3882.2/26

All: 0.580 $\pm$ 0.003 χ^2 /NDF: 9947.5/48

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.078 ± 0.020 $\chi^2/\text{NDF}: 102493.6/8$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.329 ± 0.025 $\chi^2/\text{NDF}: 8007.0/6$

Left: -18.063 ± 0.015 $\chi^2/\text{NDF}: 137853.7/15$

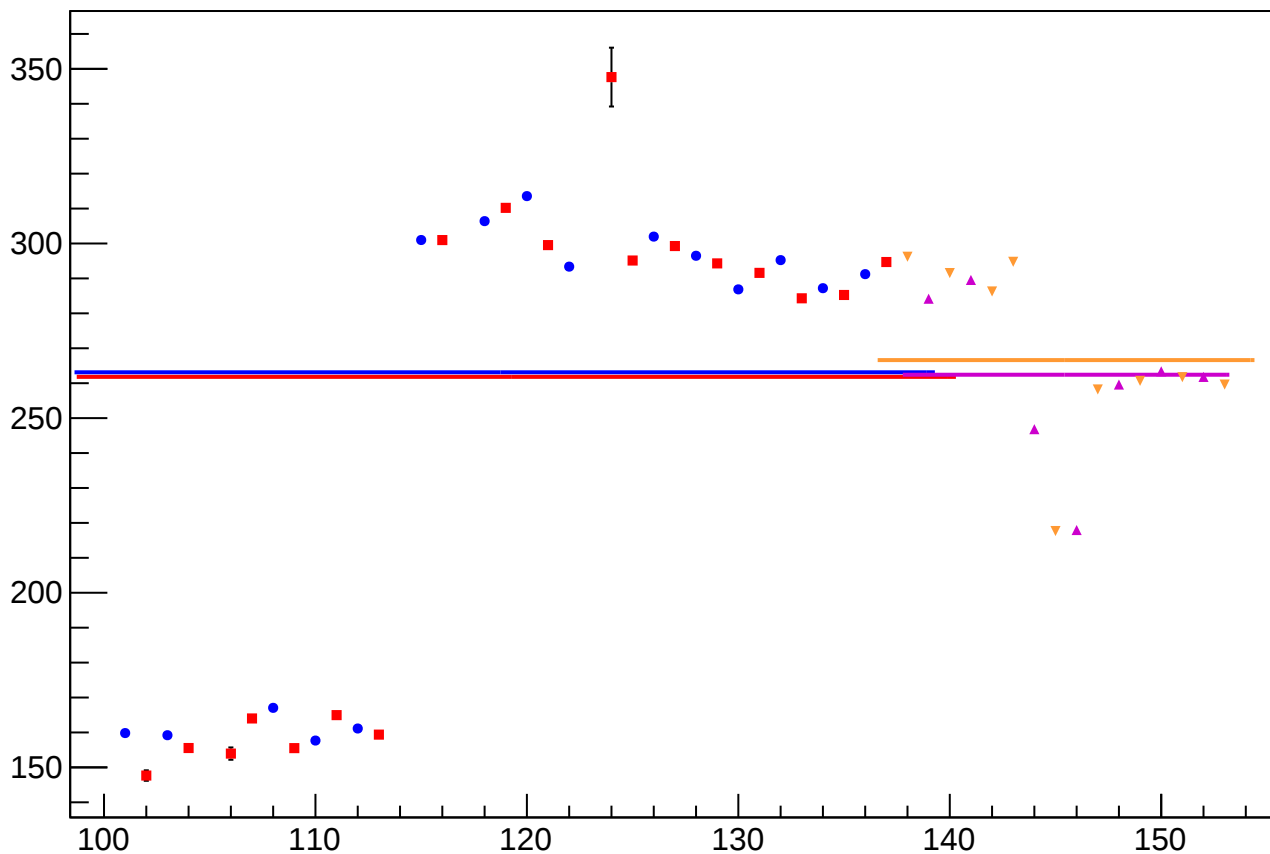
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -22.295 ± 0.018 $\chi^2/\text{NDF}: 114059.0/21$

Out: -18.722 ± 0.015 $\chi^2/\text{NDF}: 258212.8/26$

All: -20.261 ± 0.012 $\chi^2/\text{NDF}: 395725.1/48$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.614+/-0.051 χ^2/NDF :185356.5/8

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.422+/-0.046 χ^2/NDF :34937.9/6

Left: 264.278+/-0.034 χ^2/NDF : 224029.0/15

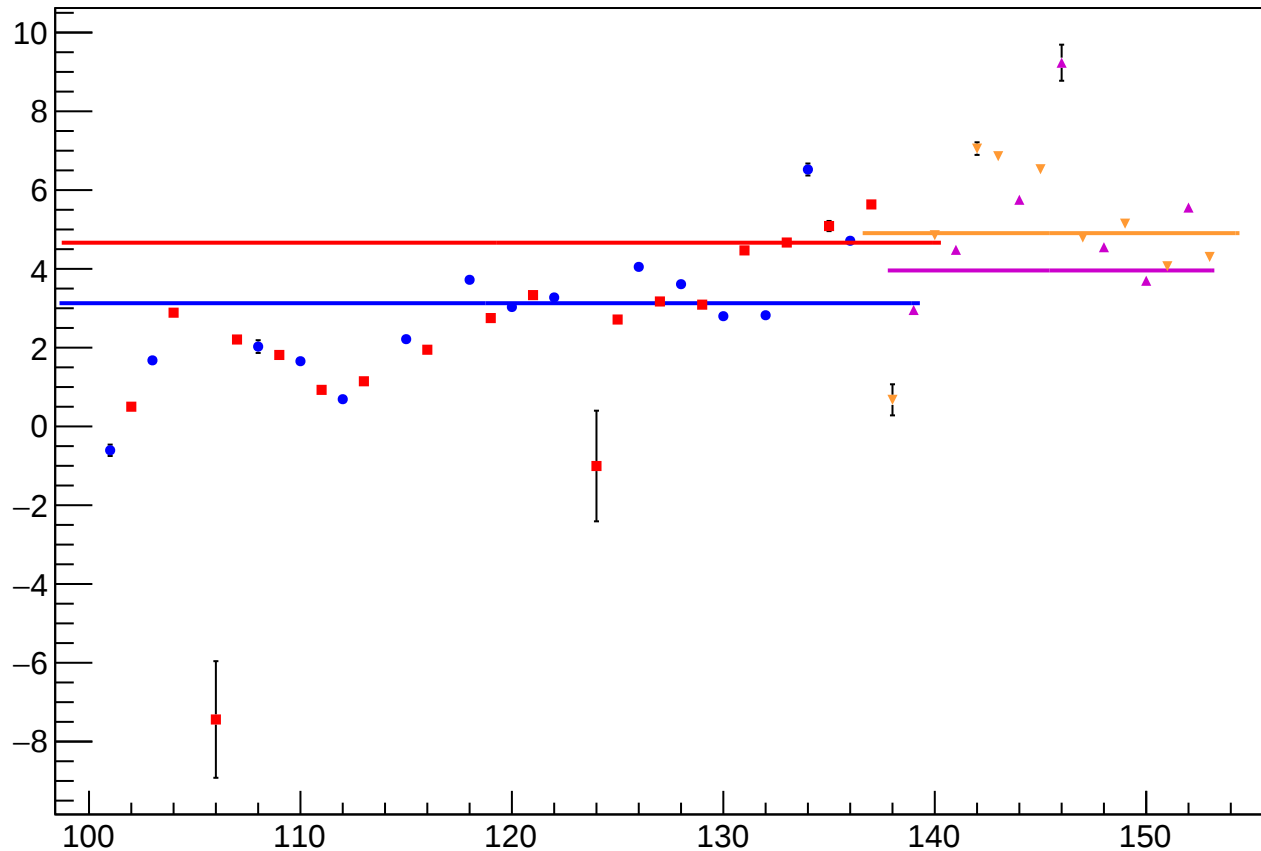
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.634+/-0.038 χ^2/NDF :727894.4/21

Out: 264.608+/-0.039 χ^2/NDF :1195217.7/26

All: 263.596+/-0.027 χ^2/NDF : 1924421.3/48

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 $\pm$ 0.016 χ^2/NDF : 5667.8/14

Left Out: 4.907 $\pm$ 0.019 χ^2/NDF : 1465.0/8

Right Out: 4.664 $\pm$ 0.006 χ^2/NDF : 66862.5/17

Left In: 3.960 $\pm$ 0.020 χ^2/NDF : 2002.5/6

Left: 4.454 $\pm$ 0.014 χ^2/NDF : 4674.9/15

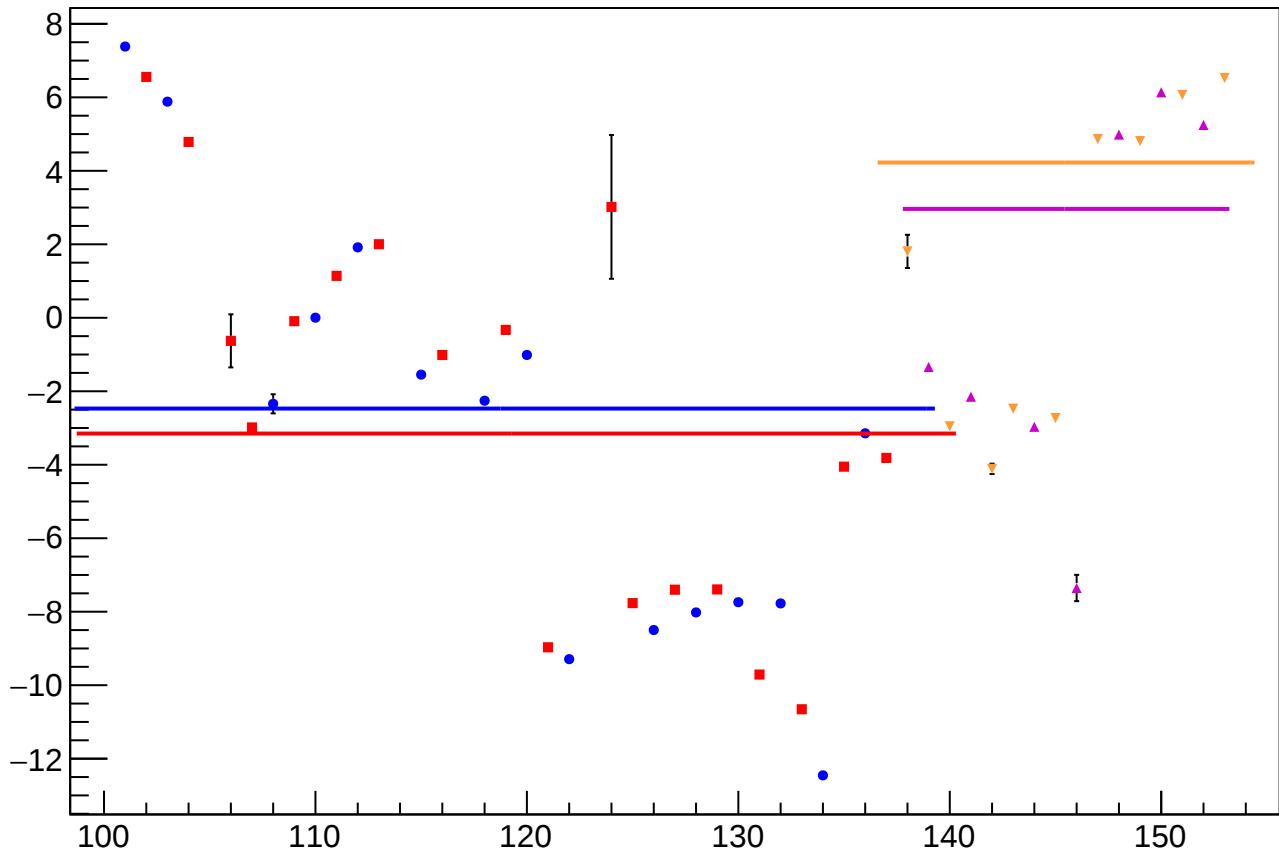
Right: 4.450 $\pm$ 0.006 χ^2/NDF : 80704.7/32

In: 3.453 $\pm$ 0.012 χ^2/NDF : 8756.1/21

Out: 4.689 $\pm$ 0.006 χ^2/NDF : 68476.4/26

All: 4.450 $\pm$ 0.005 χ^2/NDF : 85379.7/48

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.226 ± 0.015 $\chi^2/\text{NDF}: 34992.8/8$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 2.962 ± 0.017 $\chi^2/\text{NDF}: 49106.3/6$

Left: 3.673 ± 0.012 $\chi^2/\text{NDF}: 87058.7/15$

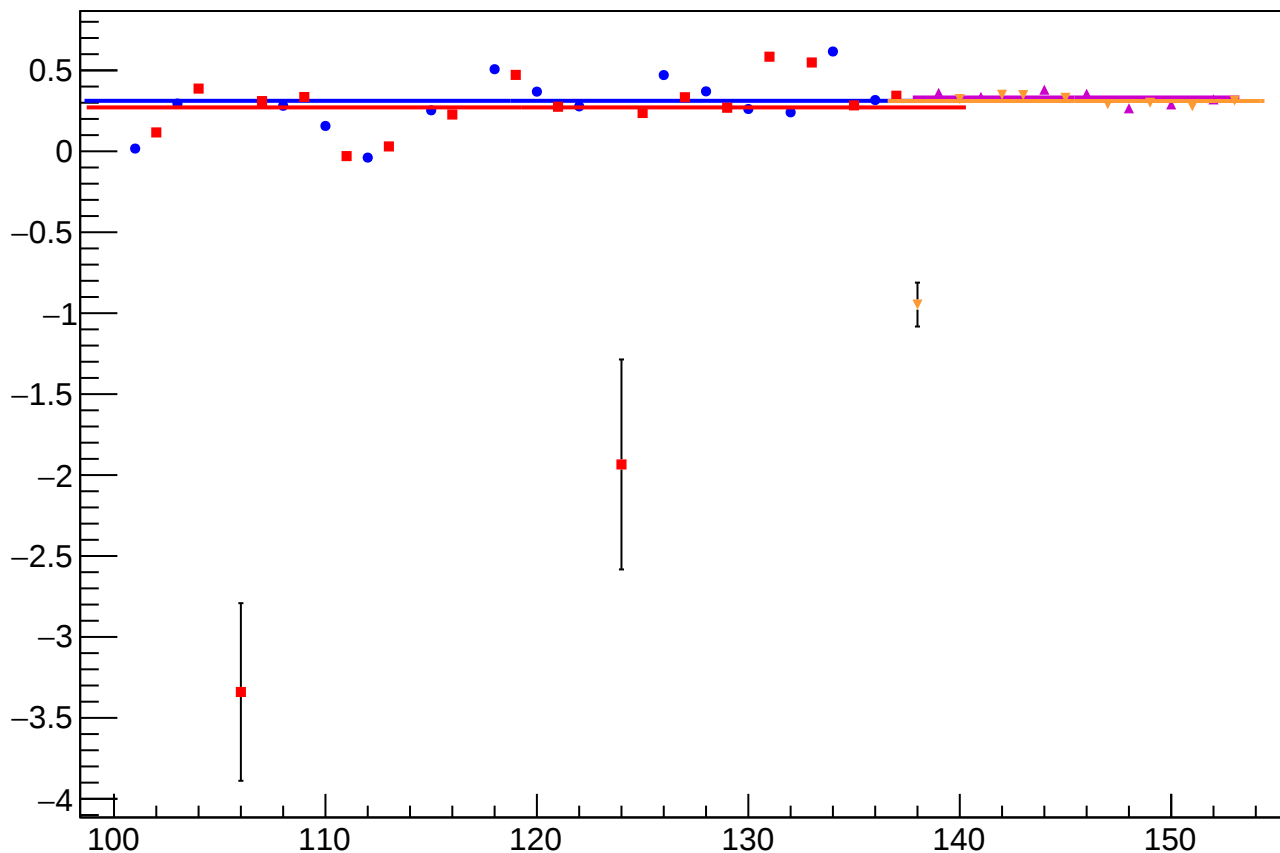
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: -0.318 ± 0.011 $\chi^2/\text{NDF}: 350470.8/21$

Out: -1.753 ± 0.007 $\chi^2/\text{NDF}: 469048.8/26$

All: -1.364 ± 0.006 $\chi^2/\text{NDF}: 832001.6/48$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 ± 0.001 $\chi^2/\text{NDF}: 1319.2/14$

Left Out: 0.311 ± 0.001 $\chi^2/\text{NDF}: 747.8/8$

Right Out: 0.271 ± 0.002 $\chi^2/\text{NDF}: 6144.7/17$

Left In: 0.333 ± 0.001 $\chi^2/\text{NDF}: 1926.3/6$

Left: 0.321 ± 0.001 $\chi^2/\text{NDF}: 2958.9/15$

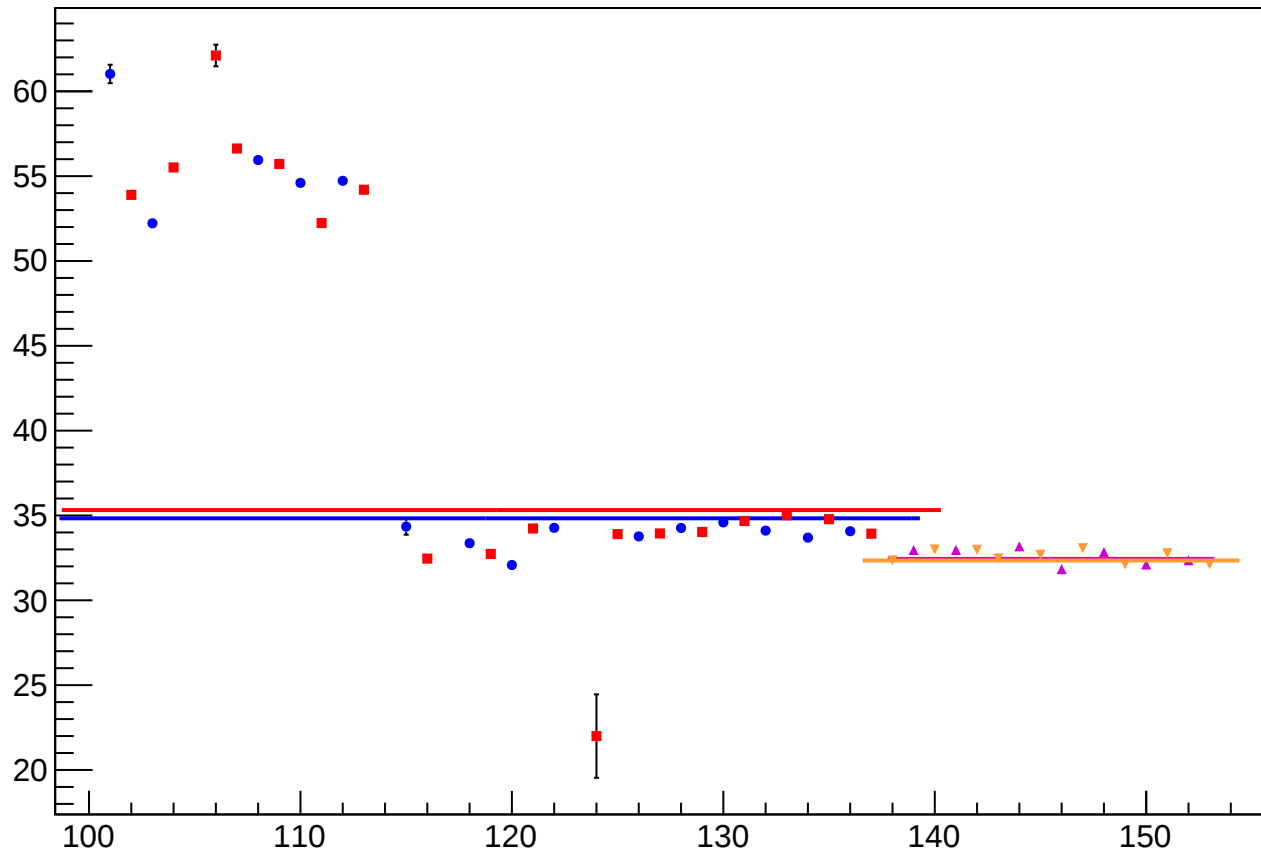
Right: 0.301 ± 0.001 $\chi^2/\text{NDF}: 7735.2/32$

In: 0.325 ± 0.001 $\chi^2/\text{NDF}: 3414.9/21$

Out: 0.305 ± 0.001 $\chi^2/\text{NDF}: 7192.4/26$

All: 0.316 ± 0.001 $\chi^2/\text{NDF}: 10947.0/48$

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832+/-0.009 χ^2/NDF : 245568.8/14

Left Out: 32.347+/-0.006 χ^2/NDF : 2320.8/8

Right Out: 35.319+/-0.010 χ^2/NDF : 261492.0/17

Left In: 32.438+/-0.008 χ^2/NDF : 2647.0/6

Left: 32.384+/-0.005 χ^2/NDF : 5048.0/15

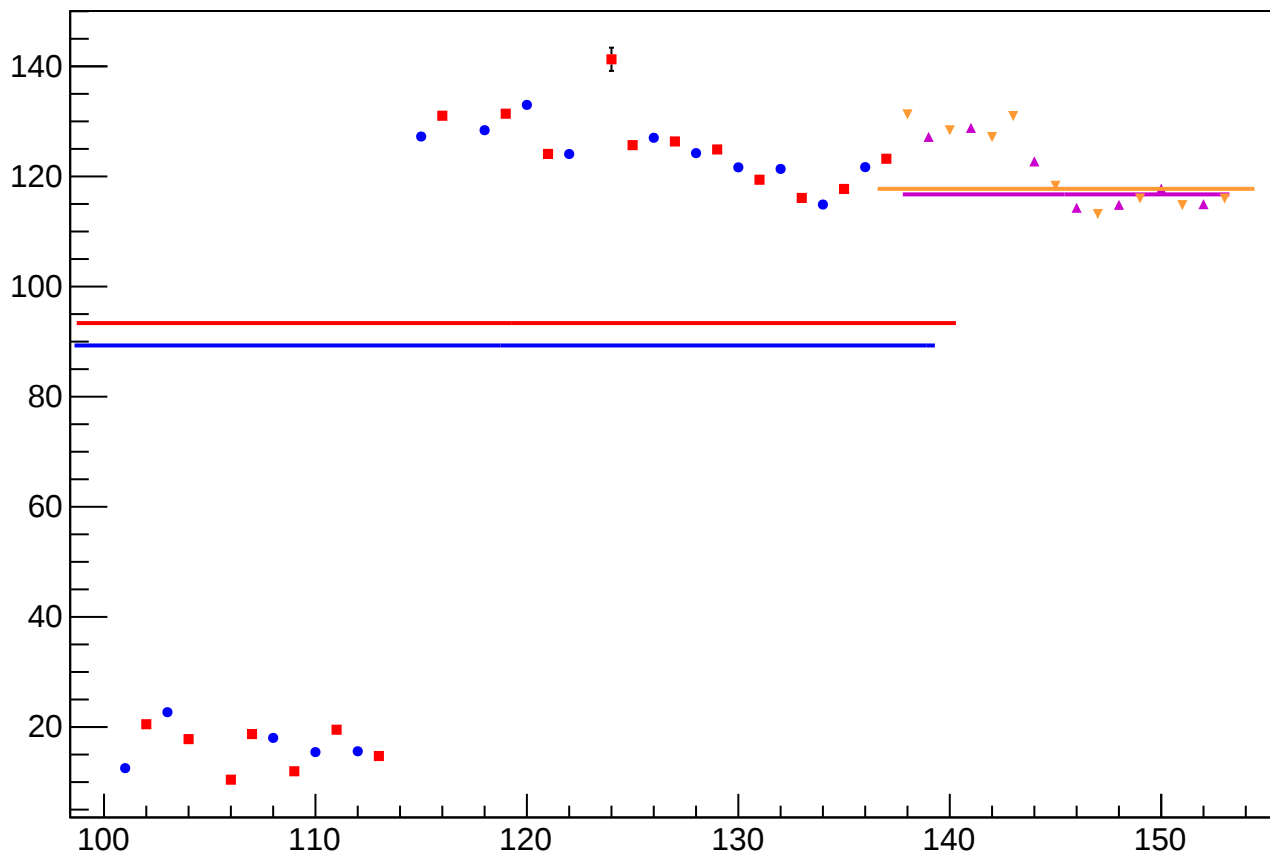
Right: 35.041+/-0.007 χ^2/NDF : 508429.6/32

In: 33.524+/-0.006 χ^2/NDF : 290327.5/21

Out: 33.223+/-0.005 χ^2/NDF : 326693.2/26

All: 33.363+/-0.004 χ^2/NDF : 618462.4/48

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.746 ± 0.015 $\chi^2/\text{NDF}: 110479.3/8$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.741 ± 0.017 $\chi^2/\text{NDF}: 38325.0/6$

Left: 117.310 ± 0.011 $\chi^2/\text{NDF}: 150823.1/15$

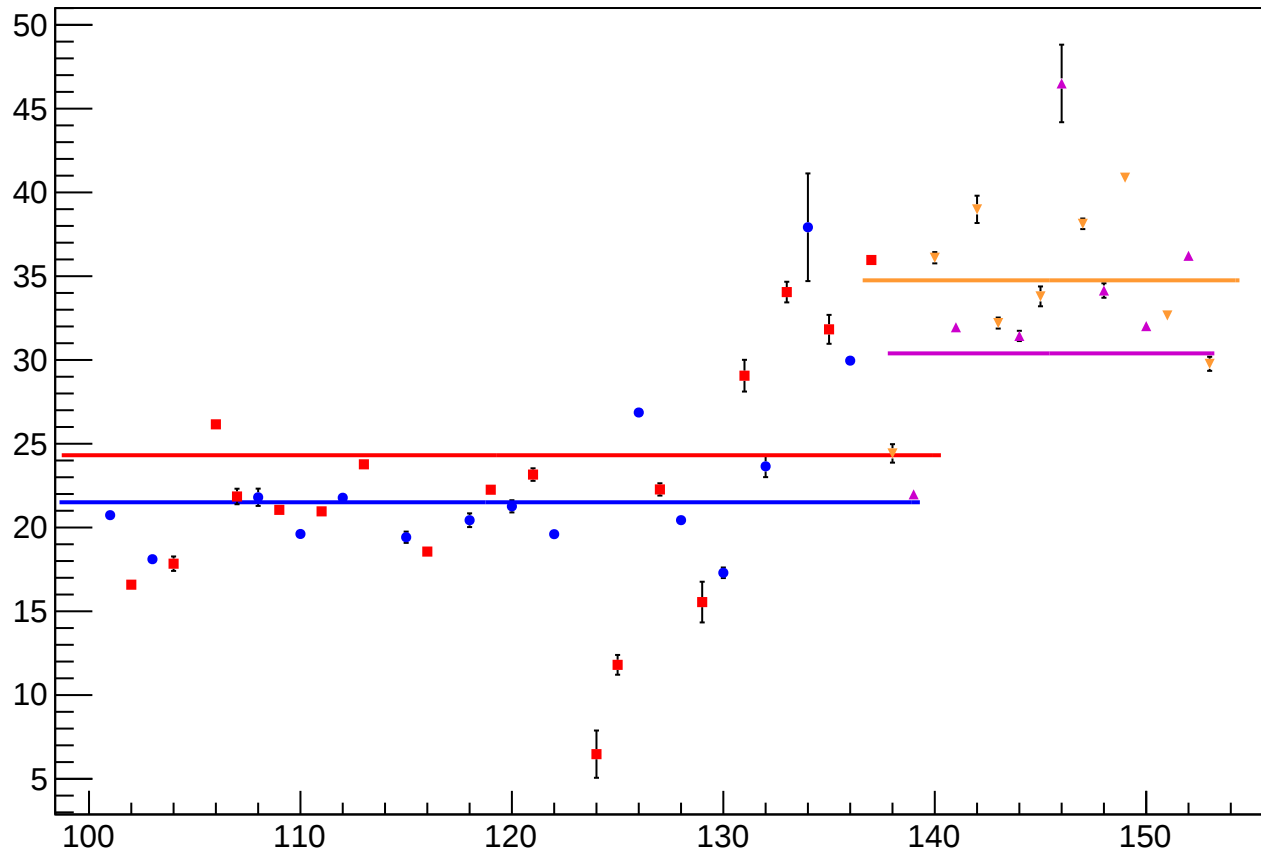
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 109.242 ± 0.014 $\chi^2/\text{NDF}: 3799564.5/21$

Out: 113.002 ± 0.013 $\chi^2/\text{NDF}: 3496885.8/26$

All: 111.276 ± 0.010 $\chi^2/\text{NDF}: 7333631.4/48$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 $\pm$ 0.072 χ^2/NDF : 2963.0/14

Left Out: 34.753 $\pm$ 0.121 χ^2/NDF : 1205.9/8

Right Out: 24.314 $\pm$ 0.058 χ^2/NDF : 14295.4/17

Left In: 30.393 $\pm$ 0.100 χ^2/NDF : 2401.2/6

Left: 32.158 $\pm$ 0.077 χ^2/NDF : 4382.3/15

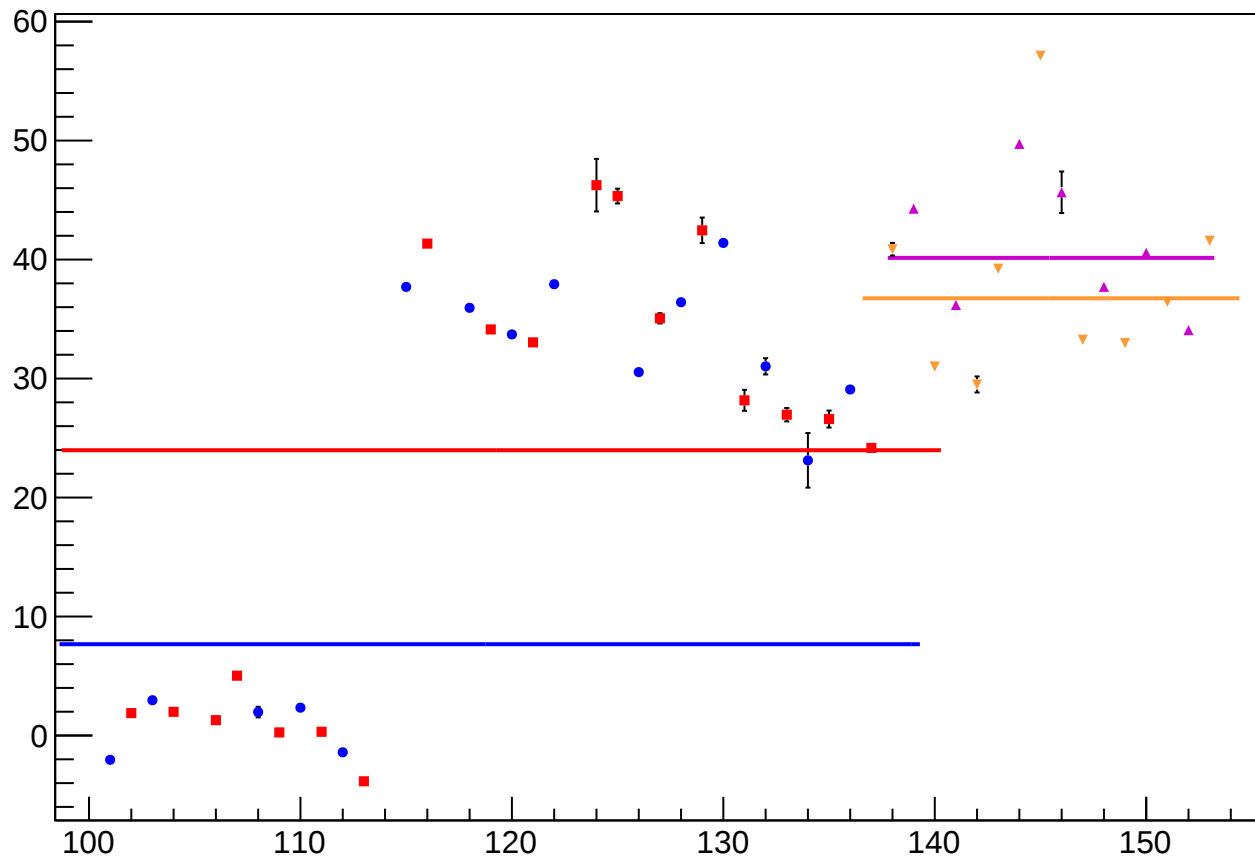
Right: 23.204 $\pm$ 0.045 χ^2/NDF : 18169.2/32

In: 24.574 $\pm$ 0.059 χ^2/NDF : 10574.4/21

Out: 26.295 $\pm$ 0.053 χ^2/NDF : 21551.6/26

All: 25.526 $\pm$ 0.039 χ^2/NDF : 32604.5/48

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 36.746 ± 0.099 χ^2/NDF : 3668.5/8

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.141 ± 0.083 χ^2/NDF : 2345.7/6

Left: 38.737 ± 0.063 χ^2/NDF : 6710.3/15

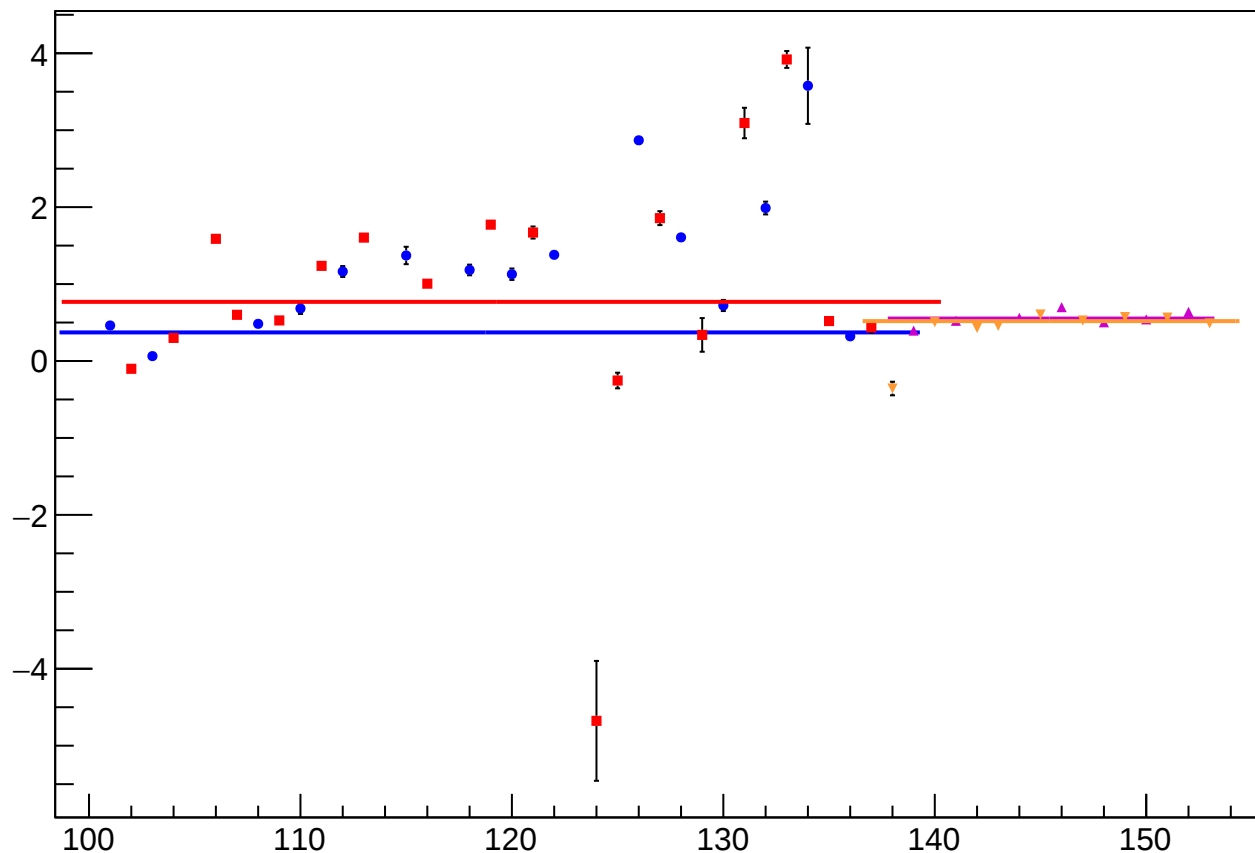
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 15.146 ± 0.040 χ^2/NDF : 217325.7/21

Out: 24.065 ± 0.008 χ^2/NDF : 130906.6/26

All: 23.704 ± 0.008 χ^2/NDF : 396680.1/48

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.518 ± 0.002 χ^2/NDF : 703.5/8

Right Out: 0.769 ± 0.007 χ^2/NDF : 4137.5/17

Left In: 0.552 ± 0.002 χ^2/NDF : 1884.3/6

Left: 0.536 ± 0.001 χ^2/NDF : 2758.3/15

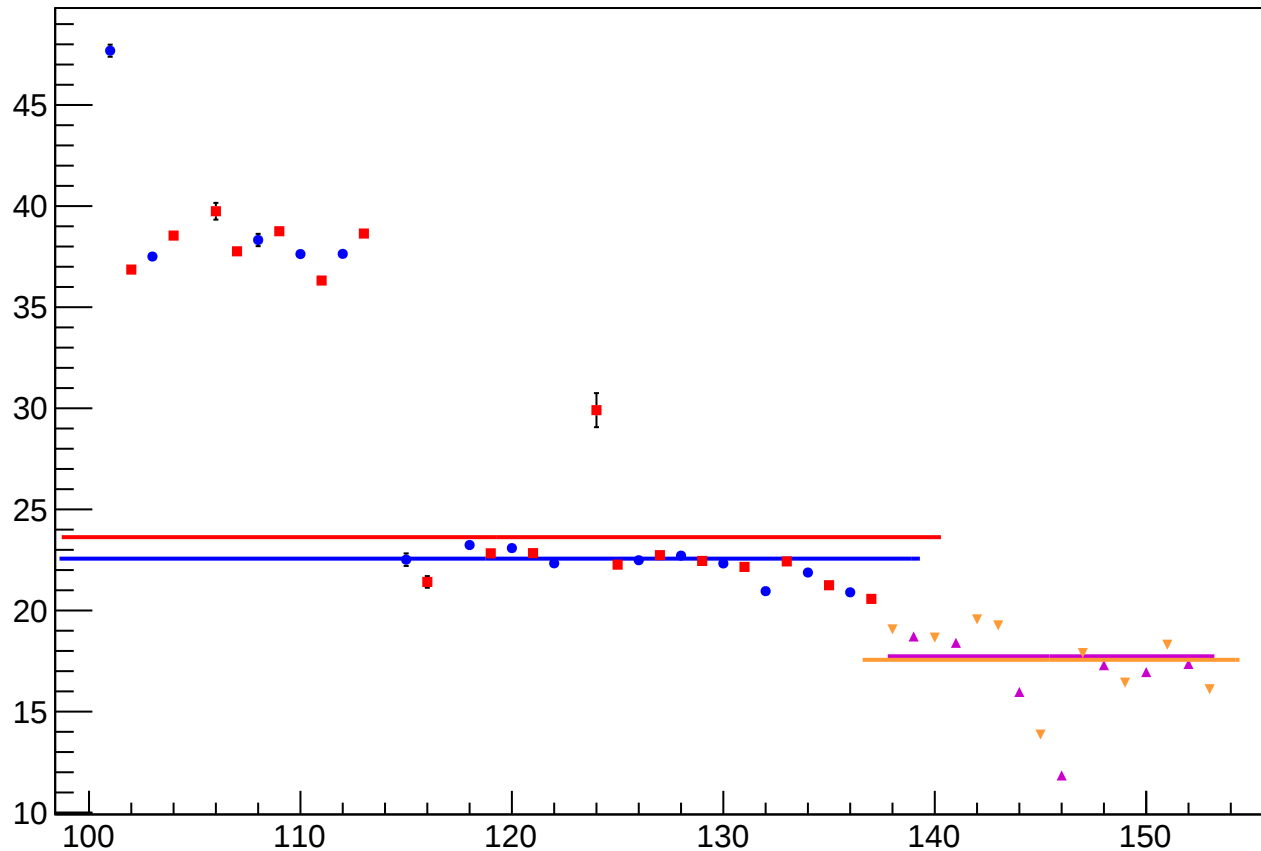
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.527 ± 0.002 χ^2/NDF : 8103.8/21

Out: 0.535 ± 0.002 χ^2/NDF : 6057.5/26

All: 0.531 ± 0.001 χ^2/NDF : 14173.2/48

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.562 $\pm$ 0.009 χ^2 /NDF: 40580.4/8

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 17.735 $\pm$ 0.014 χ^2 /NDF: 5746.5/6

Left: 17.618 $\pm$ 0.008 χ^2 /NDF: 46436.7/15

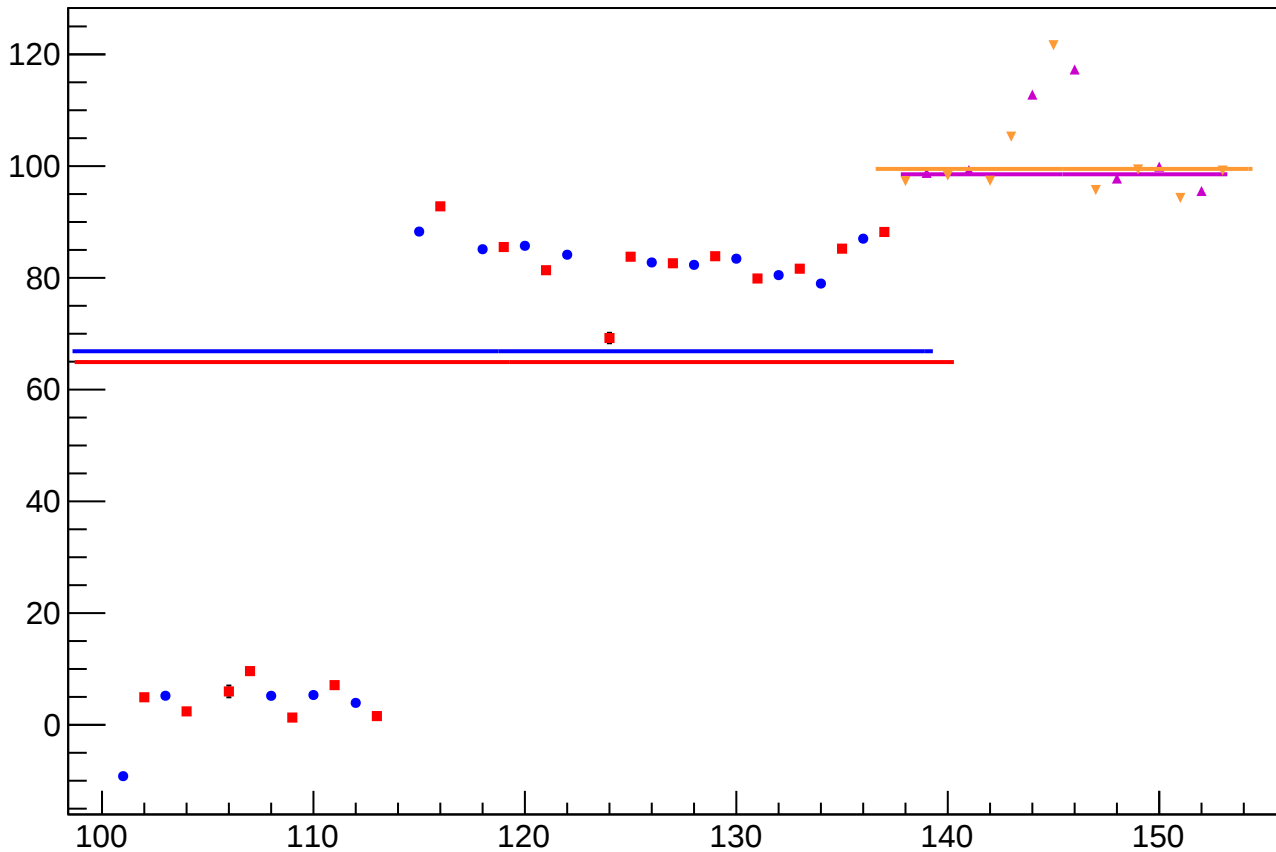
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 20.840 $\pm$ 0.008 χ^2 /NDF: 179088.8/21

Out: 20.080 $\pm$ 0.007 χ^2 /NDF: 334612.3/26

All: 20.414 $\pm$ 0.005 χ^2 /NDF: 518559.8/48

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.502 $\pm$ 0.016 χ^2 /NDF: 68233.7/8

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.538 $\pm$ 0.019 χ^2 /NDF: 13498.4/6

Left: 99.079 $\pm$ 0.012 χ^2 /NDF: 83238.7/15

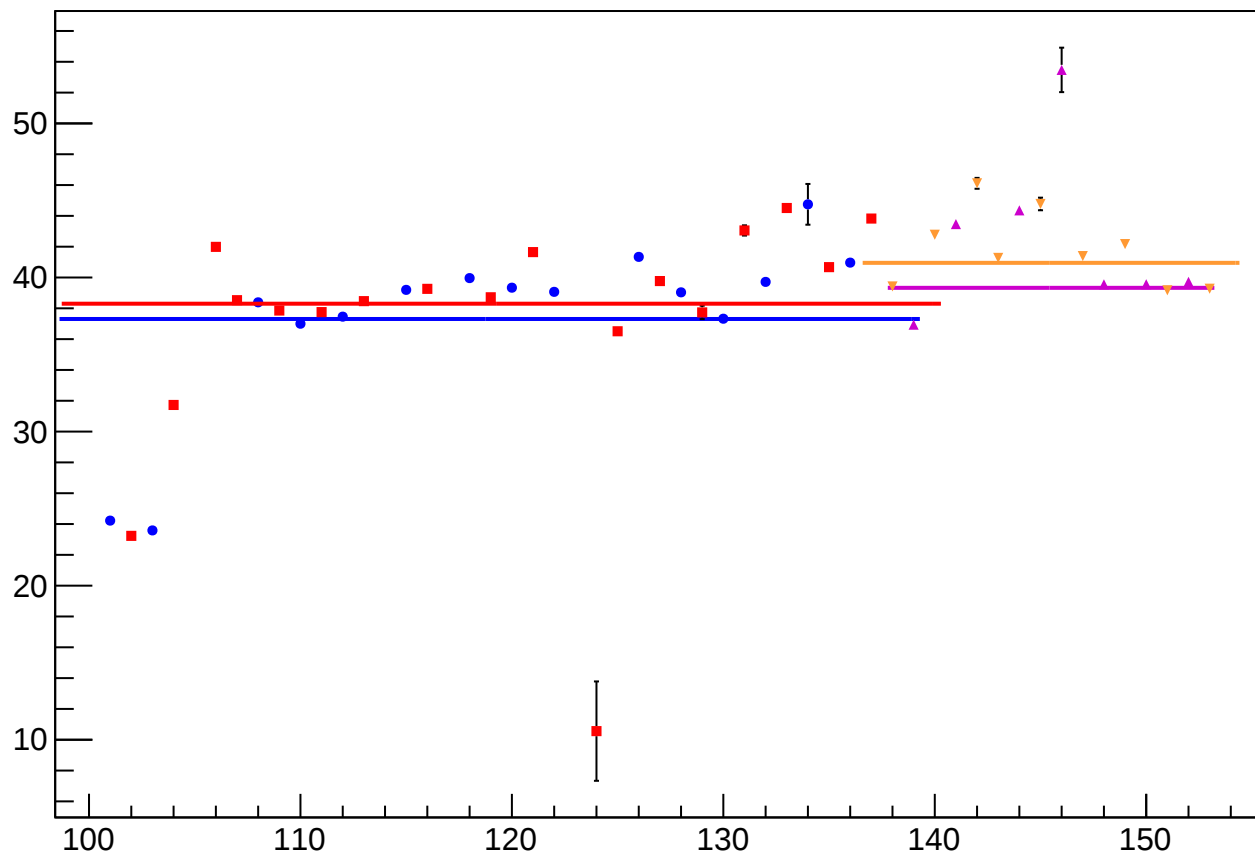
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 88.375 $\pm$ 0.015 χ^2 /NDF: 2438011.9/21

Out: 91.387 $\pm$ 0.014 χ^2 /NDF: 2437900.1/26

All: 89.975 $\pm$ 0.010 χ^2 /NDF: 4896421.5/48

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 40.952 $\pm$ 0.049 χ^2 /NDF: 1025.1/8

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 39.329 $\pm$ 0.038 χ^2 /NDF: 3075.8/6

Left: 39.952 $\pm$ 0.030 χ^2 /NDF: 4784.2/15

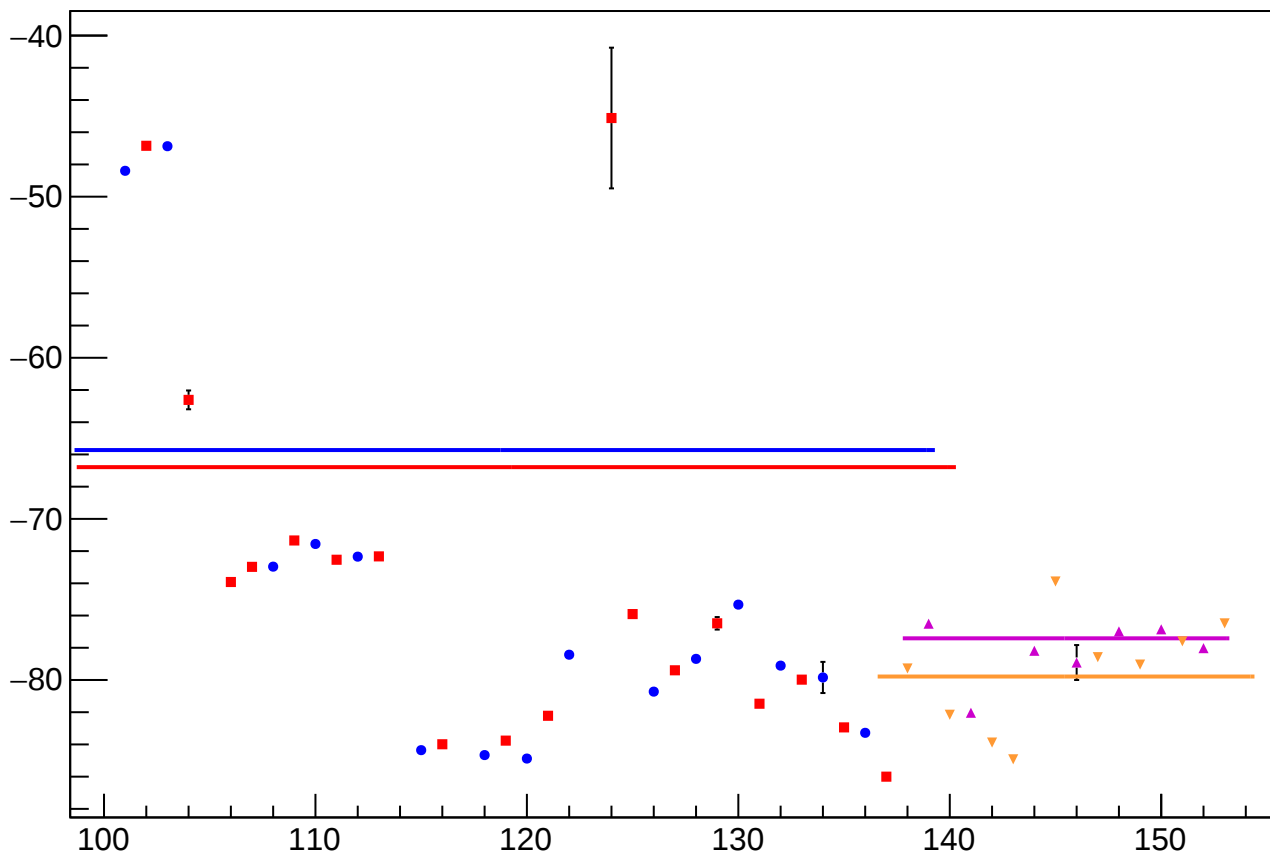
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.843 $\pm$ 0.020 χ^2 /NDF: 64688.3/21

Out: 38.699 $\pm$ 0.019 χ^2 /NDF: 22382.6/26

All: 38.291 $\pm$ 0.014 χ^2 /NDF: 88048.9/48

dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 $\chi^2/\text{NDF}: 903051.8/14$

Left Out: -79.785 ± 0.041 $\chi^2/\text{NDF}: 5474.0/8$

Right Out: -66.788 ± 0.016 $\chi^2/\text{NDF}: 809356.5/17$

Left In: -77.414 ± 0.030 $\chi^2/\text{NDF}: 2260.8/6$

Left: -78.249 ± 0.024 $\chi^2/\text{NDF}: 9891.4/15$

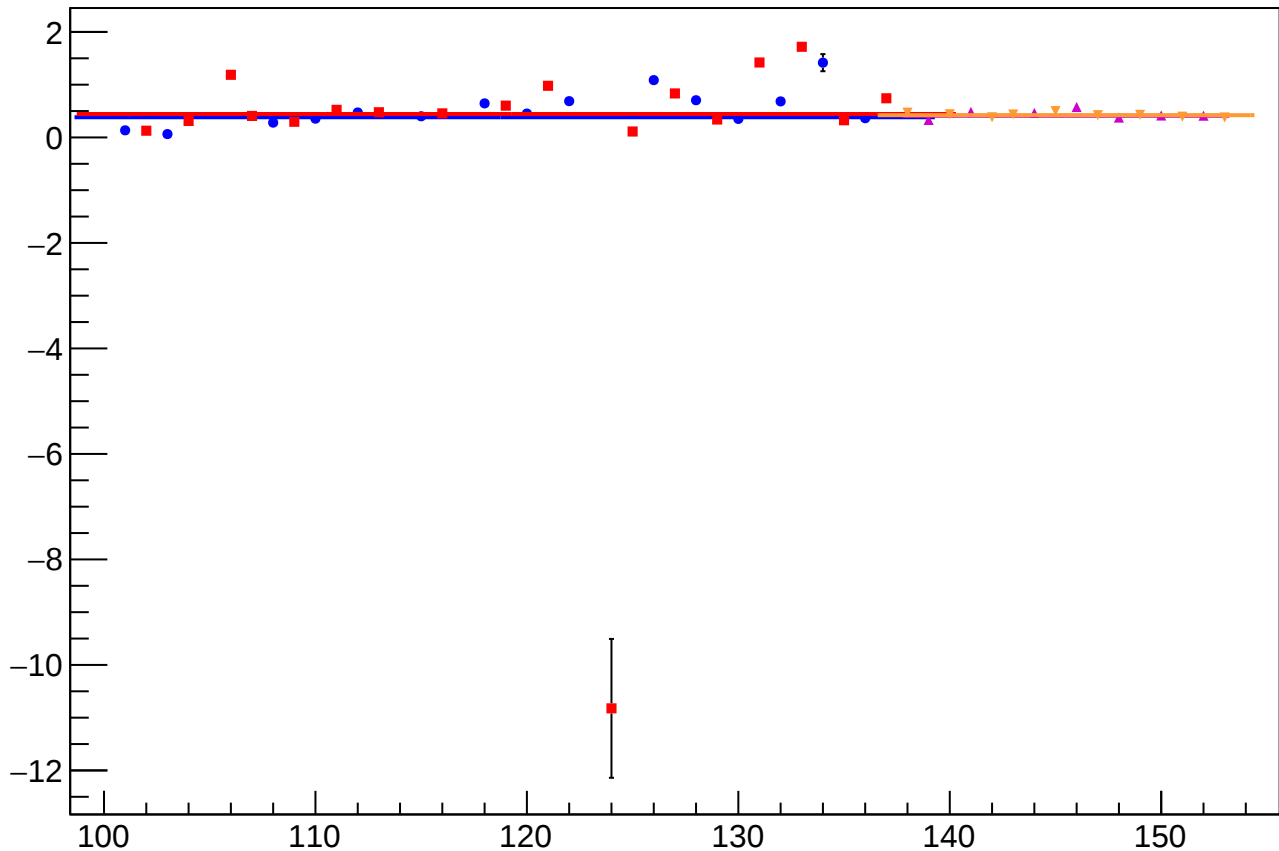
Right: -66.292 ± 0.012 $\chi^2/\text{NDF}: 1714516.0/32$

In: -68.487 ± 0.015 $\chi^2/\text{NDF}: 1018873.2/21$

Out: -68.463 ± 0.015 $\chi^2/\text{NDF}: 901971.0/26$

All: -68.475 ± 0.010 $\chi^2/\text{NDF}: 1920845.4/48$

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.422 $\pm$ 0.001 χ^2 /NDF: 427.2/8

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.411 $\pm$ 0.001 χ^2 /NDF: 2090.4/6

Left: 0.416 $\pm$ 0.001 χ^2 /NDF: 2601.8/15

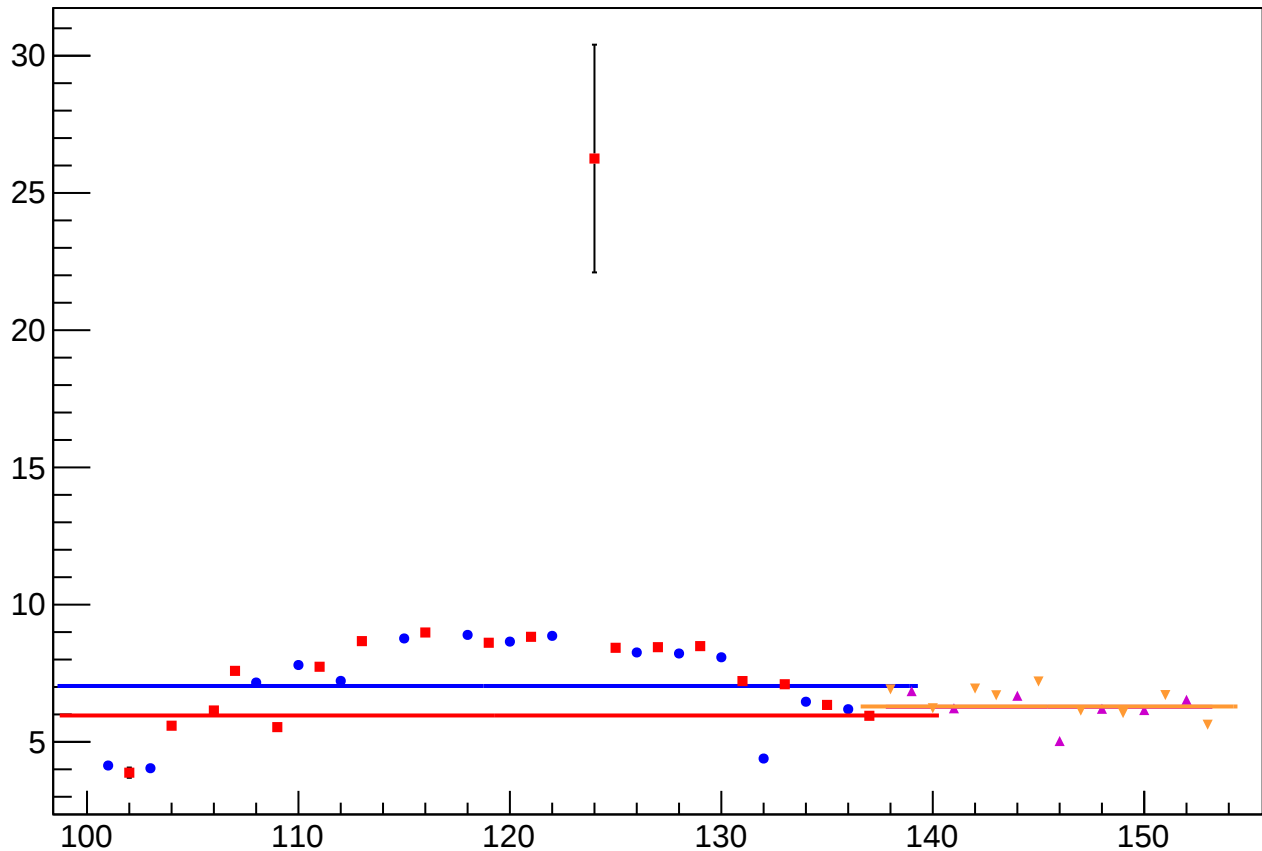
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.406 $\pm$ 0.001 χ^2 /NDF: 10448.4/21

Out: 0.423 $\pm$ 0.001 χ^2 /NDF: 3248.0/26

All: 0.413 $\pm$ 0.001 χ^2 /NDF: 13914.5/48

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036 $\pm$ 0.005 χ^2 /NDF: 69905.1/14

Left Out: 6.290 $\pm$ 0.003 χ^2 /NDF:19834.3/8

Right Out: 5.962 $\pm$ 0.000 χ^2 /NDF: 168372.8/17

Left In: 6.276 $\pm$ 0.003 χ^2 /NDF:7649.0/6

Left: 6.282 $\pm$ 0.002 χ^2 /NDF: 27495.5/15

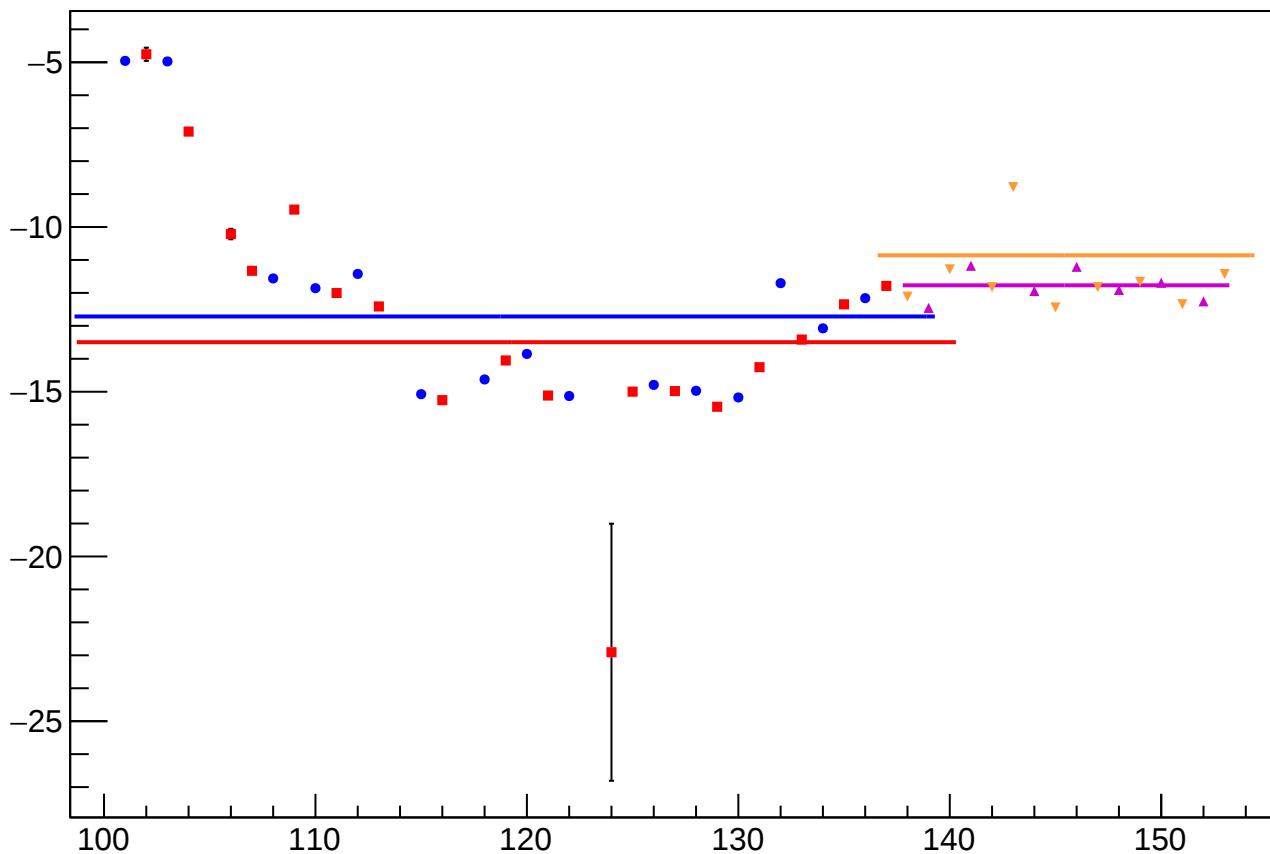
Right: 5.970 $\pm$ 0.000 χ^2 /NDF: 294275.6/32

In: 6.463 $\pm$ 0.002 χ^2 /NDF:98877.6/21

Out: 5.968 $\pm$ 0.000 χ^2 /NDF:201315.5/26

All: 5.984 $\pm$ 0.000 χ^2 /NDF: 347329.9/48

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 $\chi^2/\text{NDF}: 85219.4/14$

Left Out: -10.859 ± 0.003 $\chi^2/\text{NDF}: 162949.8/8$

Right Out: -13.496 ± 0.006 $\chi^2/\text{NDF}: 55753.8/17$

Left In: -11.770 ± 0.004 $\chi^2/\text{NDF}: 4578.7/6$

Left: -11.264 ± 0.003 $\chi^2/\text{NDF}: 199129.3/15$

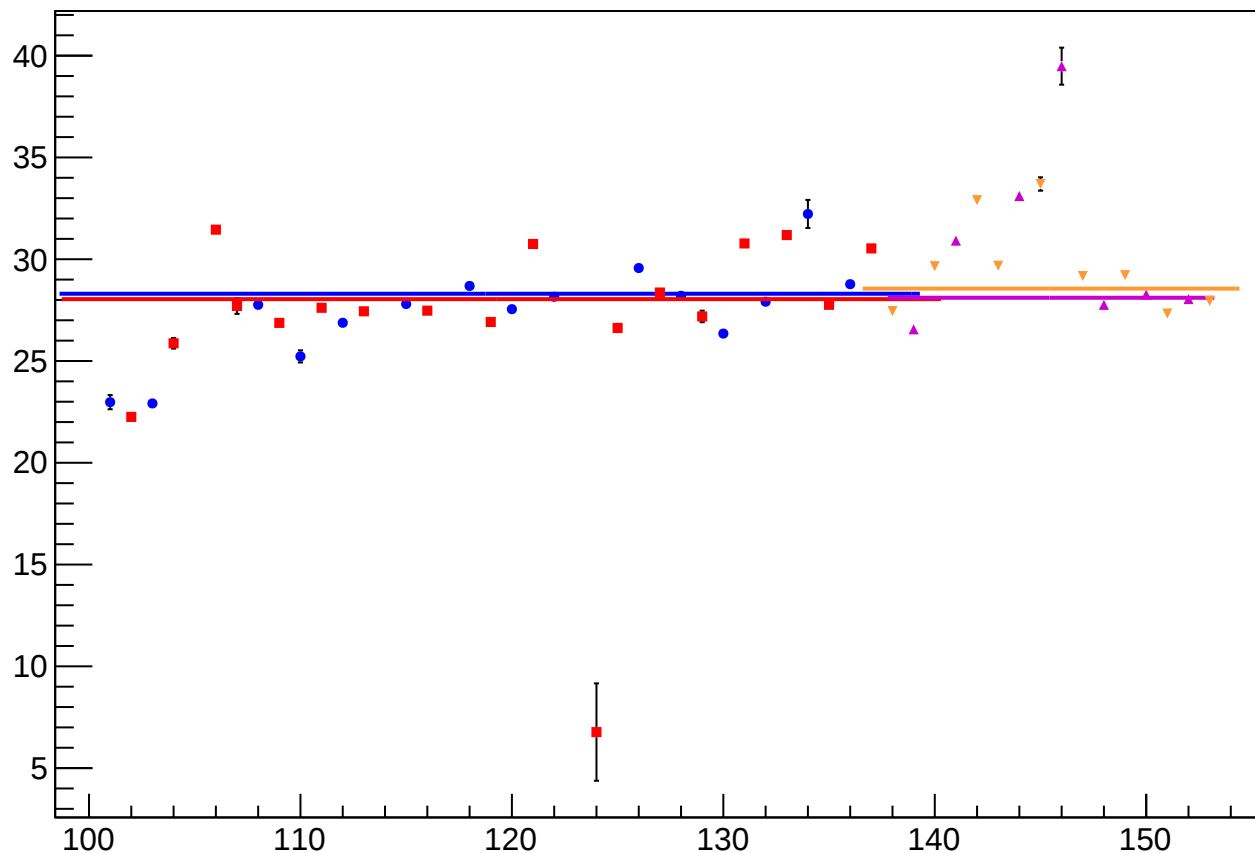
Right: -13.142 ± 0.004 $\chi^2/\text{NDF}: 149153.5/32$

In: -12.019 ± 0.003 $\chi^2/\text{NDF}: 105988.7/21$

Out: -11.536 ± 0.003 $\chi^2/\text{NDF}: 371755.2/26$

All: -11.752 ± 0.002 $\chi^2/\text{NDF}: 489789.6/48$

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 ± 0.023 $\chi^2/\text{NDF}: 3400.0/14$

Left Out: 28.557 ± 0.029 $\chi^2/\text{NDF}: 1918.8/8$

Right Out: 28.040 ± 0.030 $\chi^2/\text{NDF}: 2561.5/17$

Left In: 28.106 ± 0.025 $\chi^2/\text{NDF}: 2871.0/6$

Left: 28.305 ± 0.019 $\chi^2/\text{NDF}: 4929.1/15$

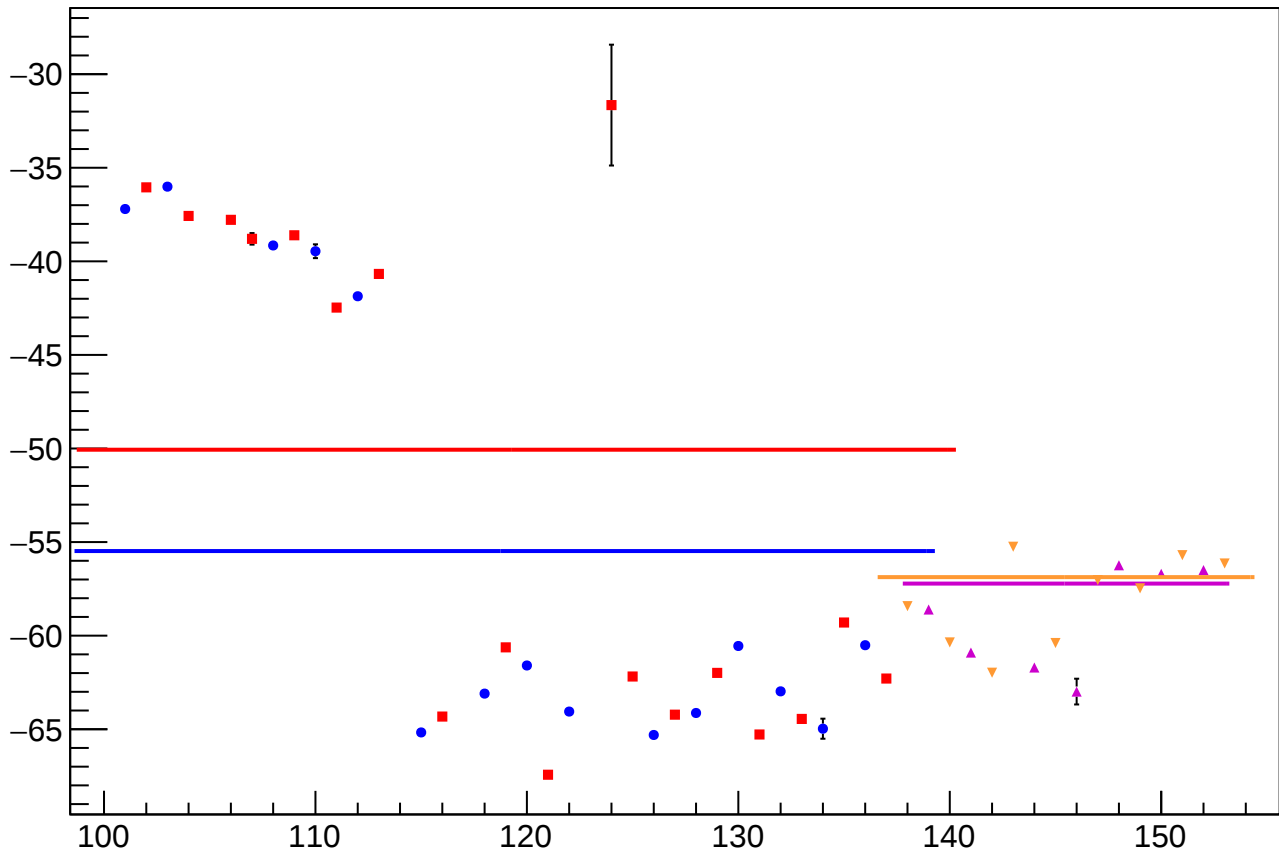
Right: 28.207 ± 0.018 $\chi^2/\text{NDF}: 6009.6/32$

In: 28.214 ± 0.017 $\chi^2/\text{NDF}: 6304.3/21$

Out: 28.314 ± 0.021 $\chi^2/\text{NDF}: 4634.4/26$

All: 28.254 ± 0.013 $\chi^2/\text{NDF}: 10952.4/48$

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 $\pm$ 0.017 χ^2 /NDF: 595140.3/14

Left Out: -56.873 $\pm$ 0.025 χ^2 /NDF: 4283.5/8

Right Out: -50.065 $\pm$ 0.023 χ^2 /NDF: 340098.3/17

Left In: -57.218 $\pm$ 0.022 χ^2 /NDF: 4549.5/6

Left: -57.069 $\pm$ 0.017 χ^2 /NDF: 8938.4/15

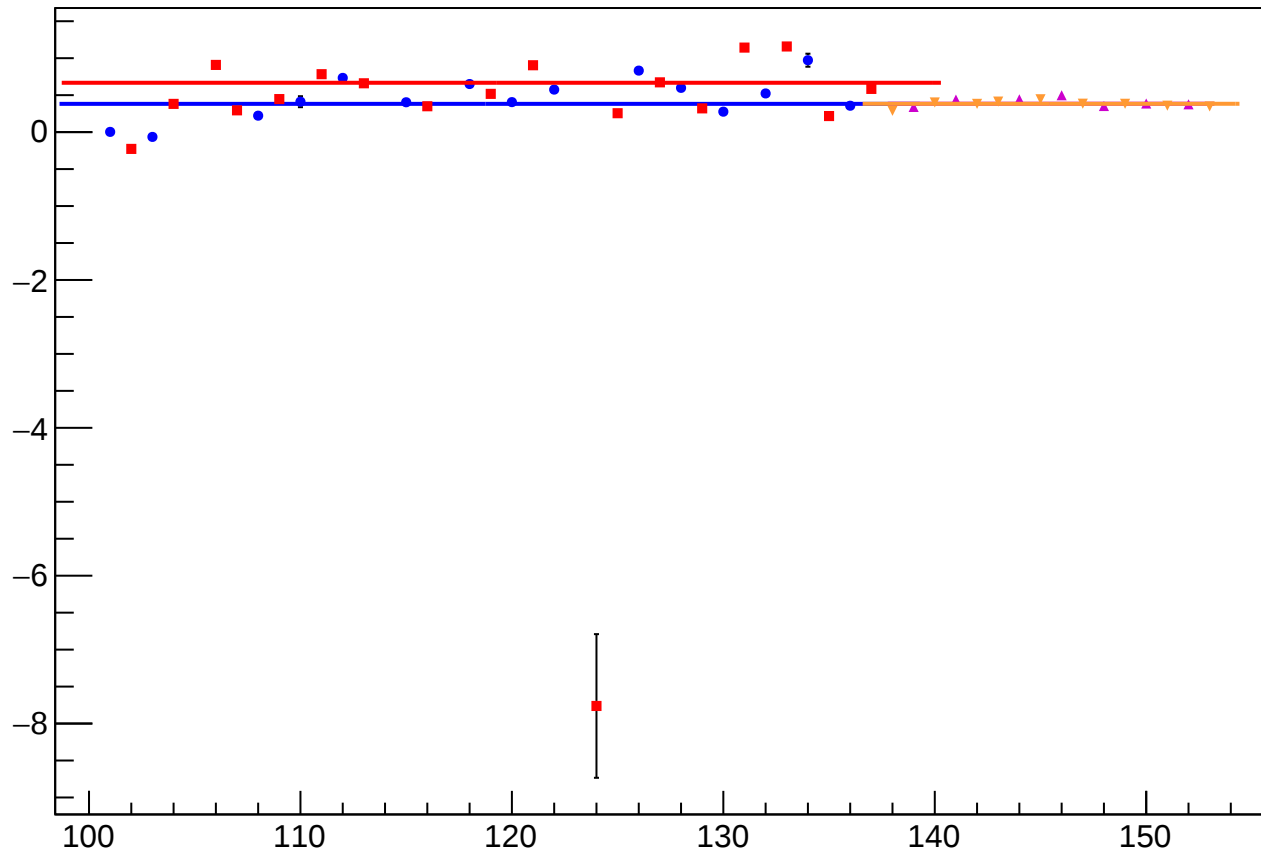
Right: -53.644 $\pm$ 0.013 χ^2 /NDF: 971470.1/32

In: -56.106 $\pm$ 0.013 χ^2 /NDF: 603657.6/21

Out: -53.160 $\pm$ 0.017 χ^2 /NDF: 383781.9/26

All: -54.999 $\pm$ 0.010 χ^2 /NDF: 1006014.3/48

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.383 ± 0.001 $\chi^2/\text{NDF}: 1133.2/8$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.384 ± 0.001 $\chi^2/\text{NDF}: 1715.3/6$

Left: 0.384 ± 0.000 $\chi^2/\text{NDF}: 2849.2/15$

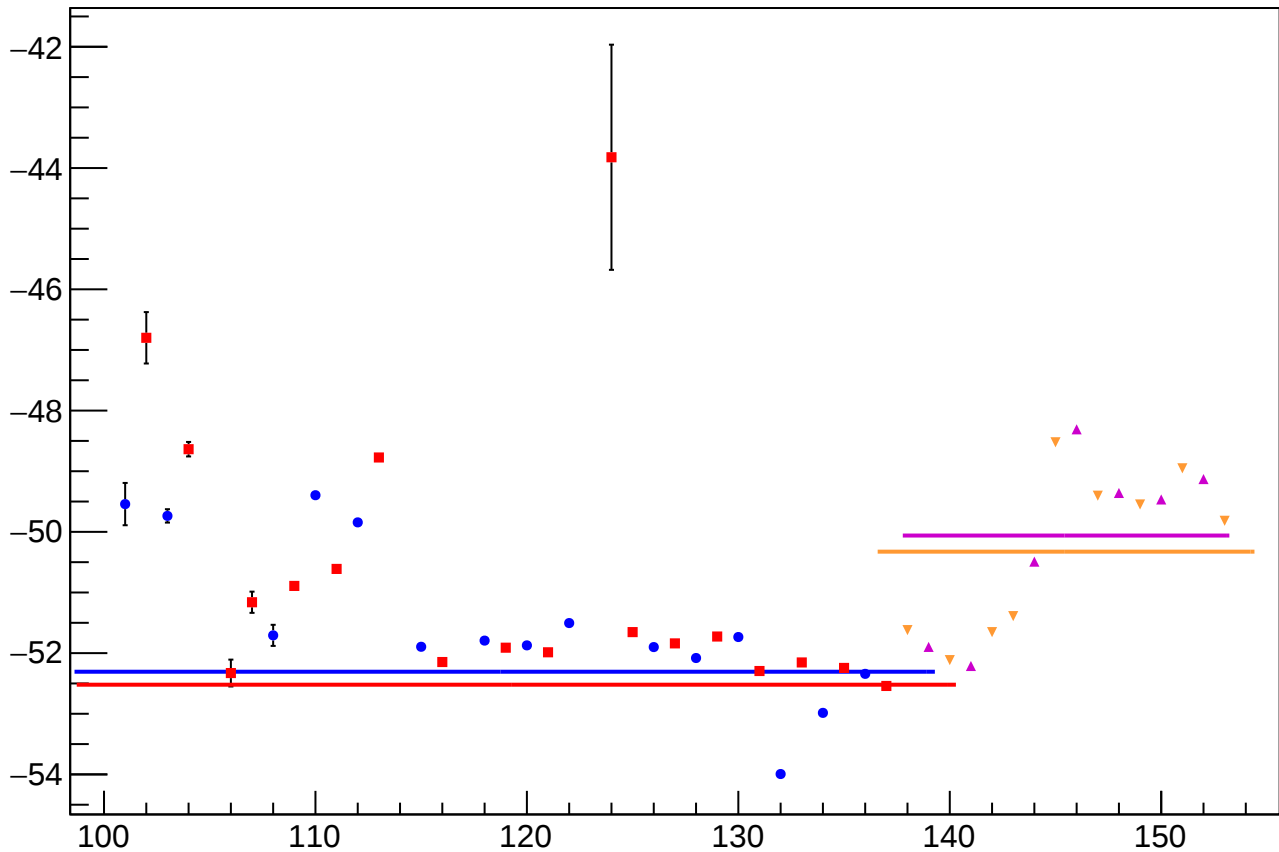
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.384 ± 0.001 $\chi^2/\text{NDF}: 6312.2/21$

Out: 0.389 ± 0.001 $\chi^2/\text{NDF}: 8569.0/26$

All: 0.386 ± 0.000 $\chi^2/\text{NDF}: 14919.3/48$

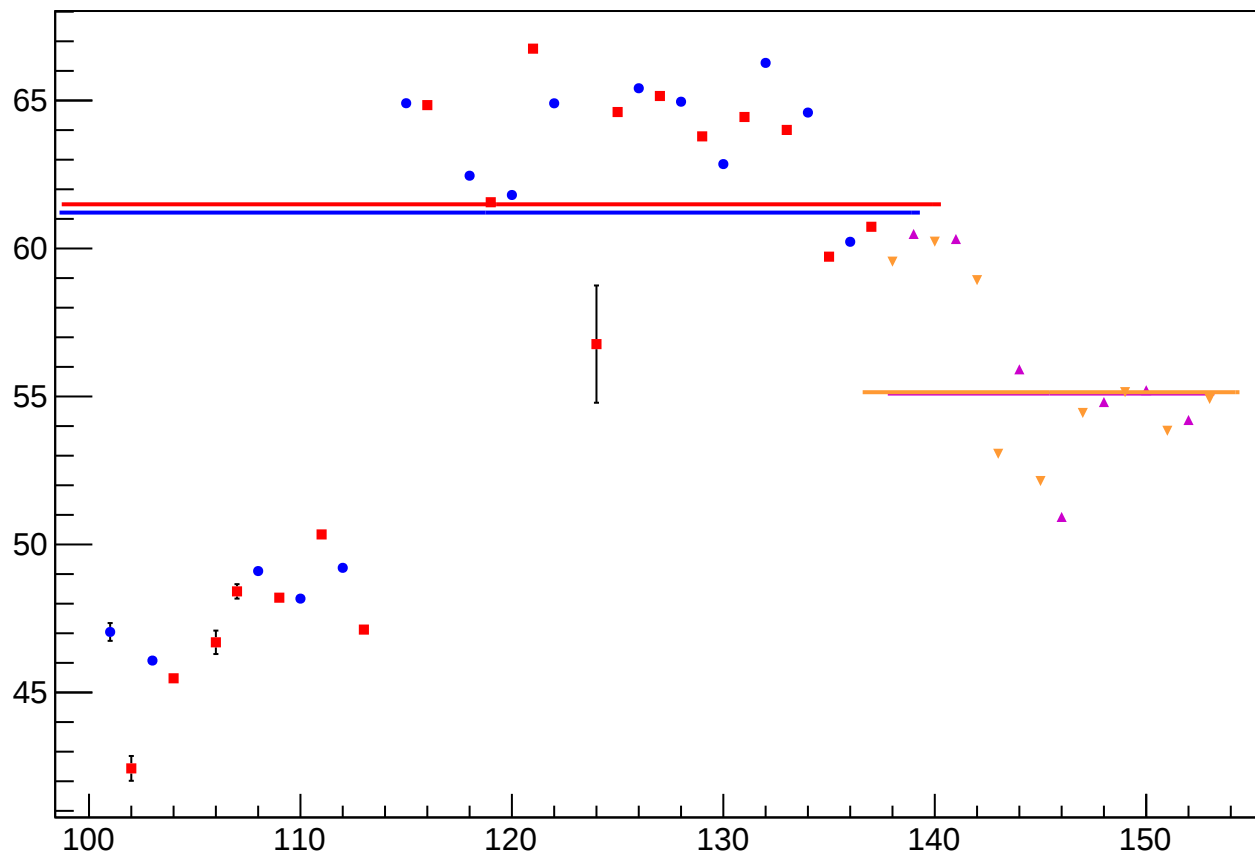
dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$
 Left Out: -50.326 ± 0.003 $\chi^2/\text{NDF}: 121303.0/8$
 Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$
 Left In: -50.061 ± 0.002 $\chi^2/\text{NDF}: 213166.2/6$

Left: -50.171 ± 0.002 $\chi^2/\text{NDF}: 339233.2/15$
 Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$
 In: -50.713 ± 0.002 $\chi^2/\text{NDF}: 476206.3/21$
 Out: -52.250 ± 0.001 $\chi^2/\text{NDF}: 623788.7/26$
 All: -51.949 ± 0.001 $\chi^2/\text{NDF}: 1533881.5/48$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 $\chi^2/\text{NDF}: 156624.5/14$

Left Out: 55.144 ± 0.005 $\chi^2/\text{NDF}: 194256.9/8$

Right Out: 61.493 ± 0.007 $\chi^2/\text{NDF}: 243479.8/17$

Left In: 55.098 ± 0.005 $\chi^2/\text{NDF}: 57247.1/6$

Left: 55.120 ± 0.004 $\chi^2/\text{NDF}: 251545.0/15$

Right: 61.405 ± 0.006 $\chi^2/\text{NDF}: 400649.5/32$

In: 56.285 ± 0.004 $\chi^2/\text{NDF}: 519606.8/21$

Out: 57.542 ± 0.004 $\chi^2/\text{NDF}: 993720.9/26$

All: 56.950 ± 0.003 $\chi^2/\text{NDF}: 1556995.9/48$

dit_4aX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

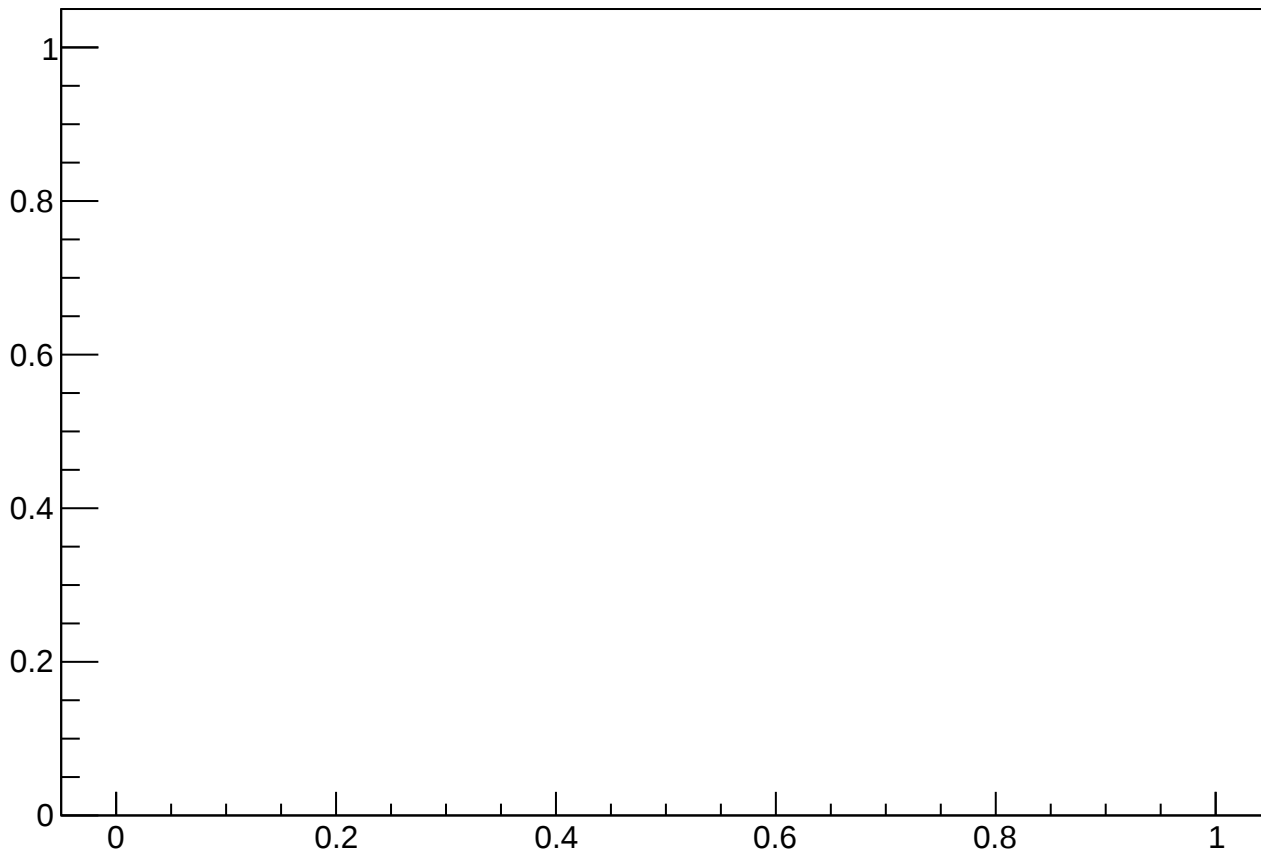
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

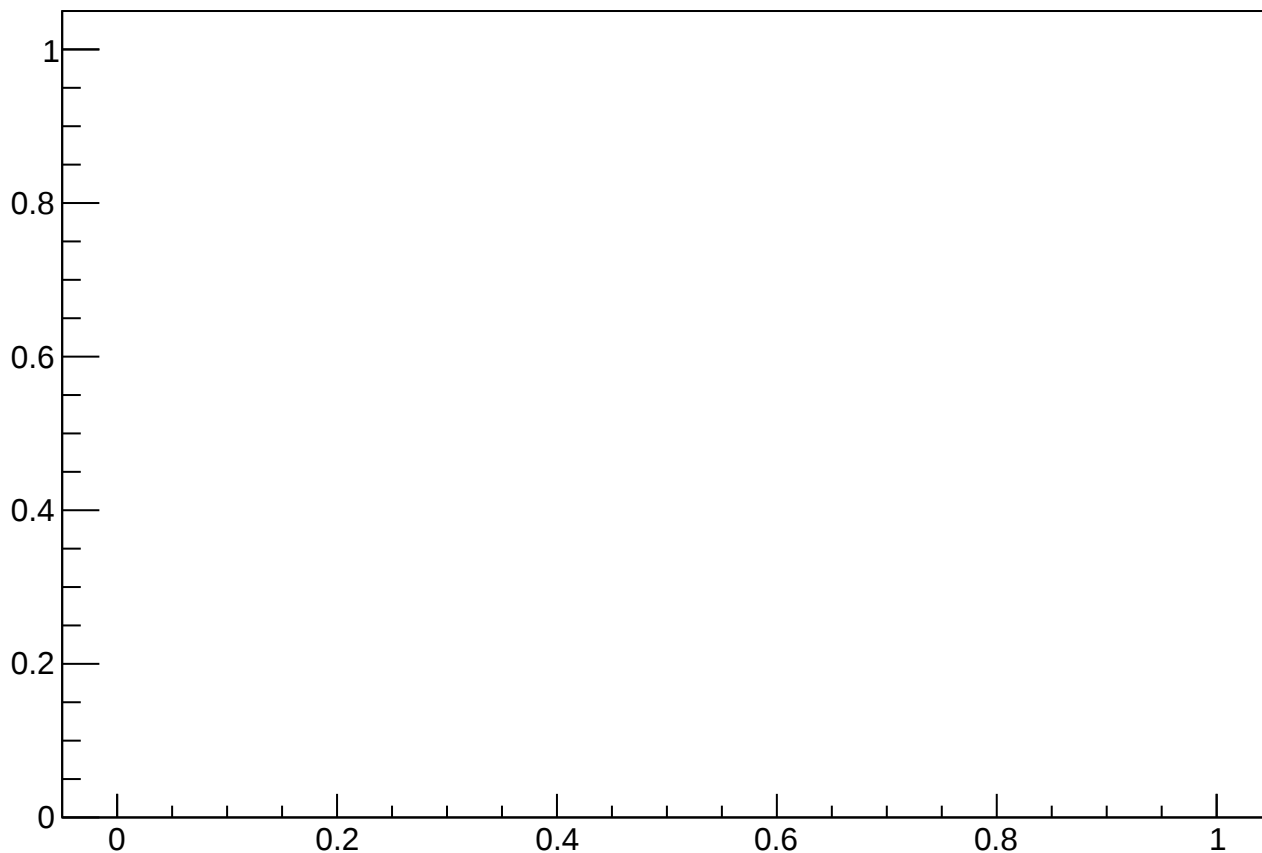
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

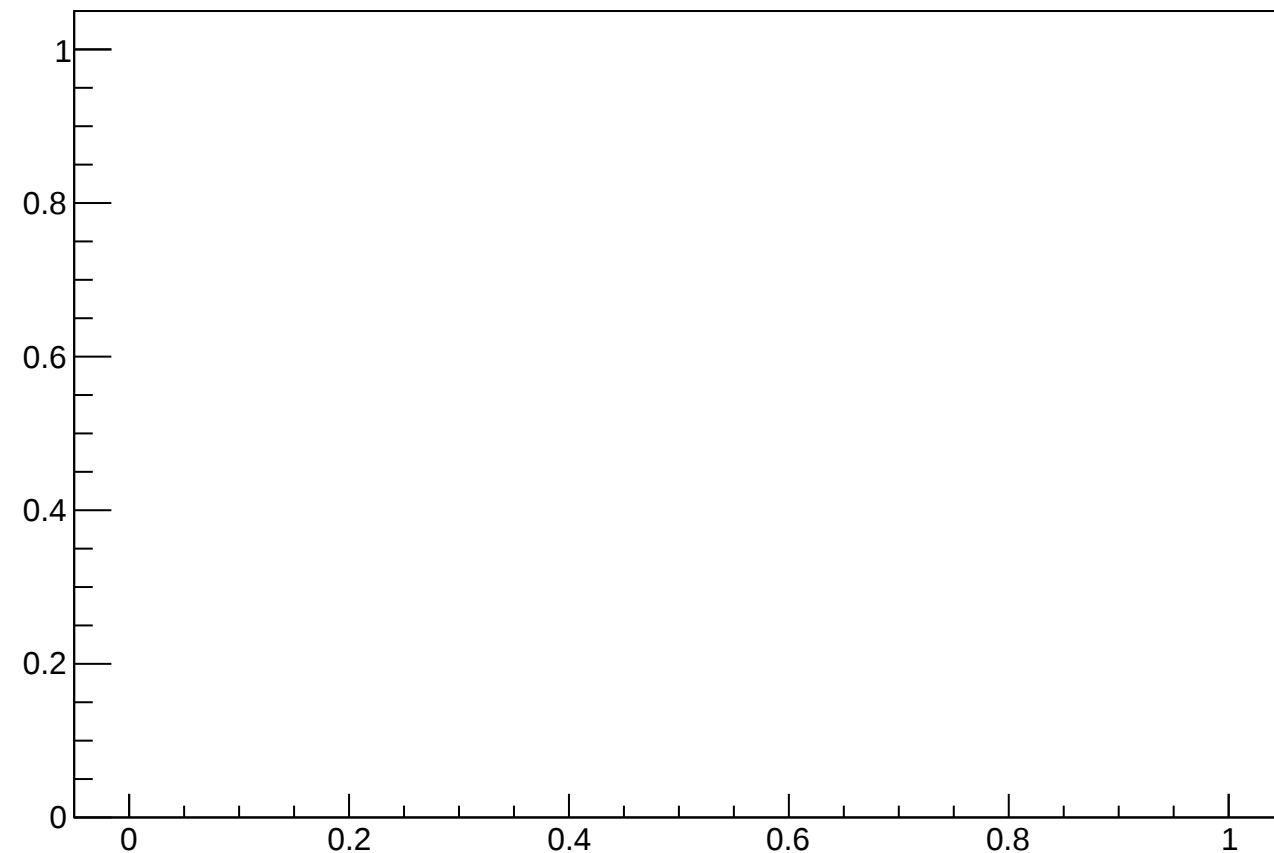
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

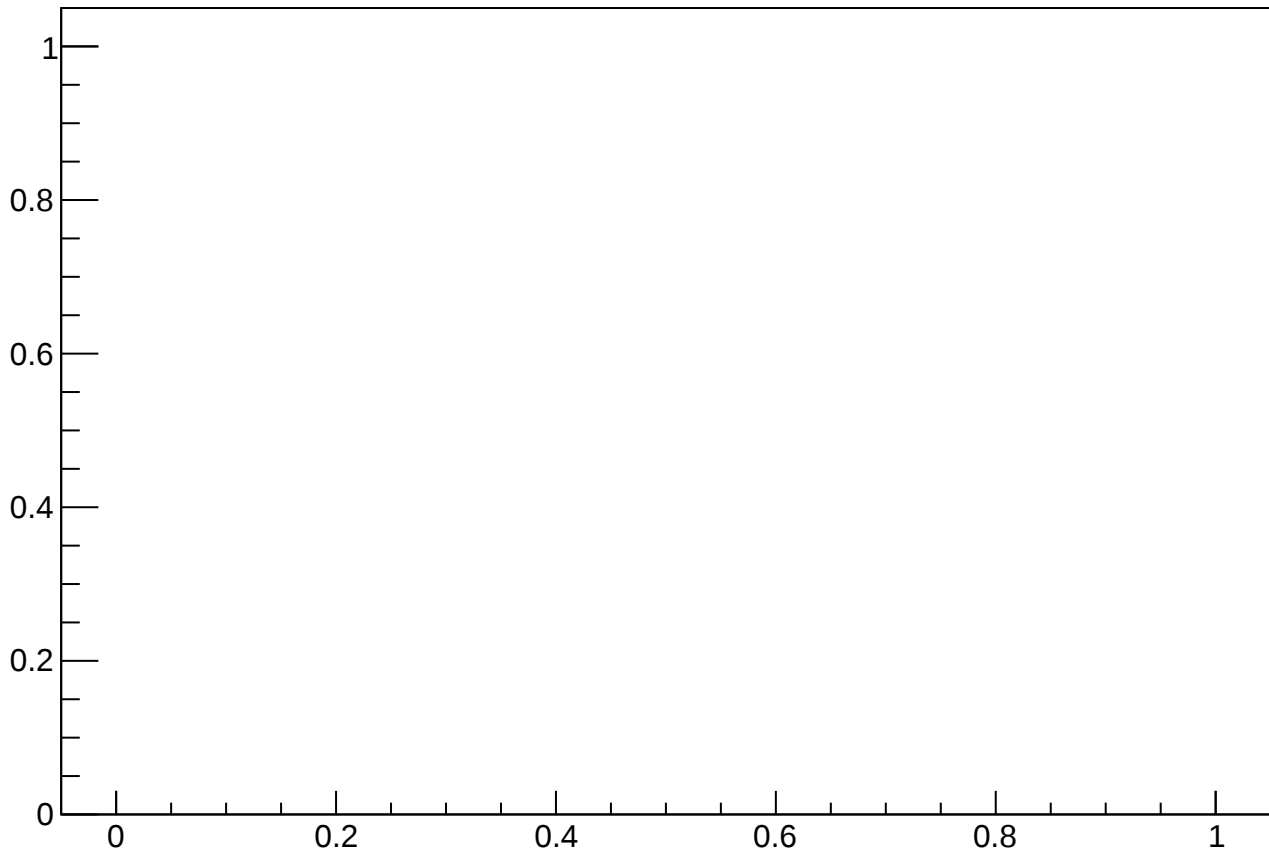
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

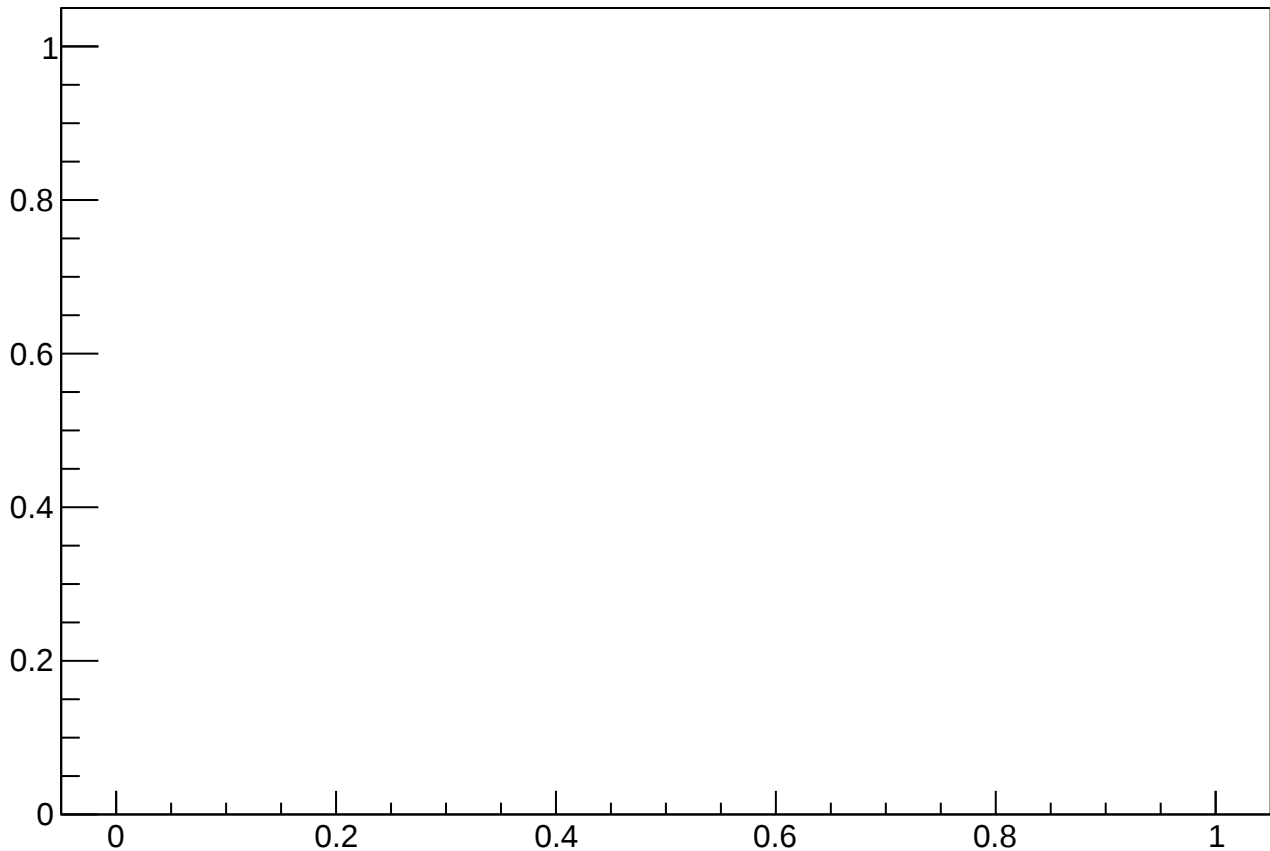
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

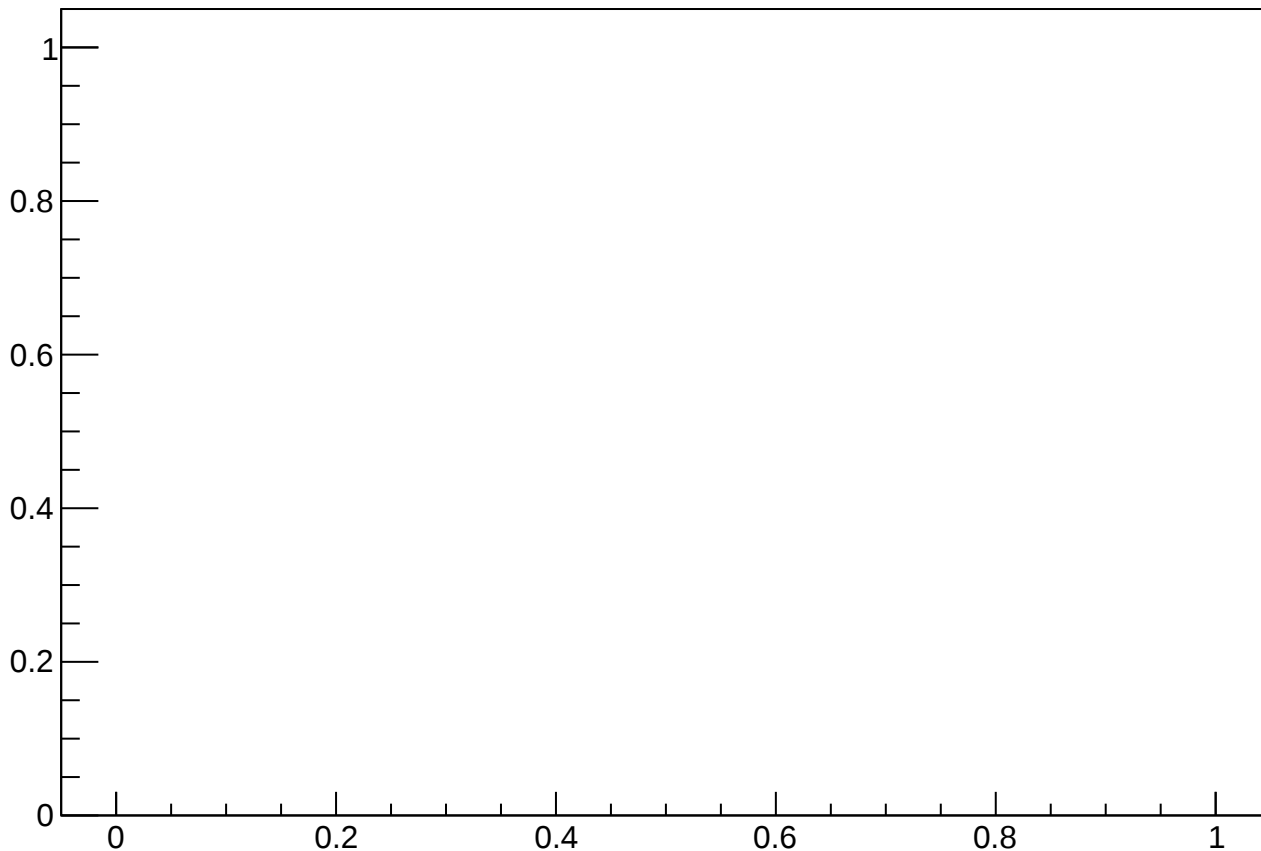
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

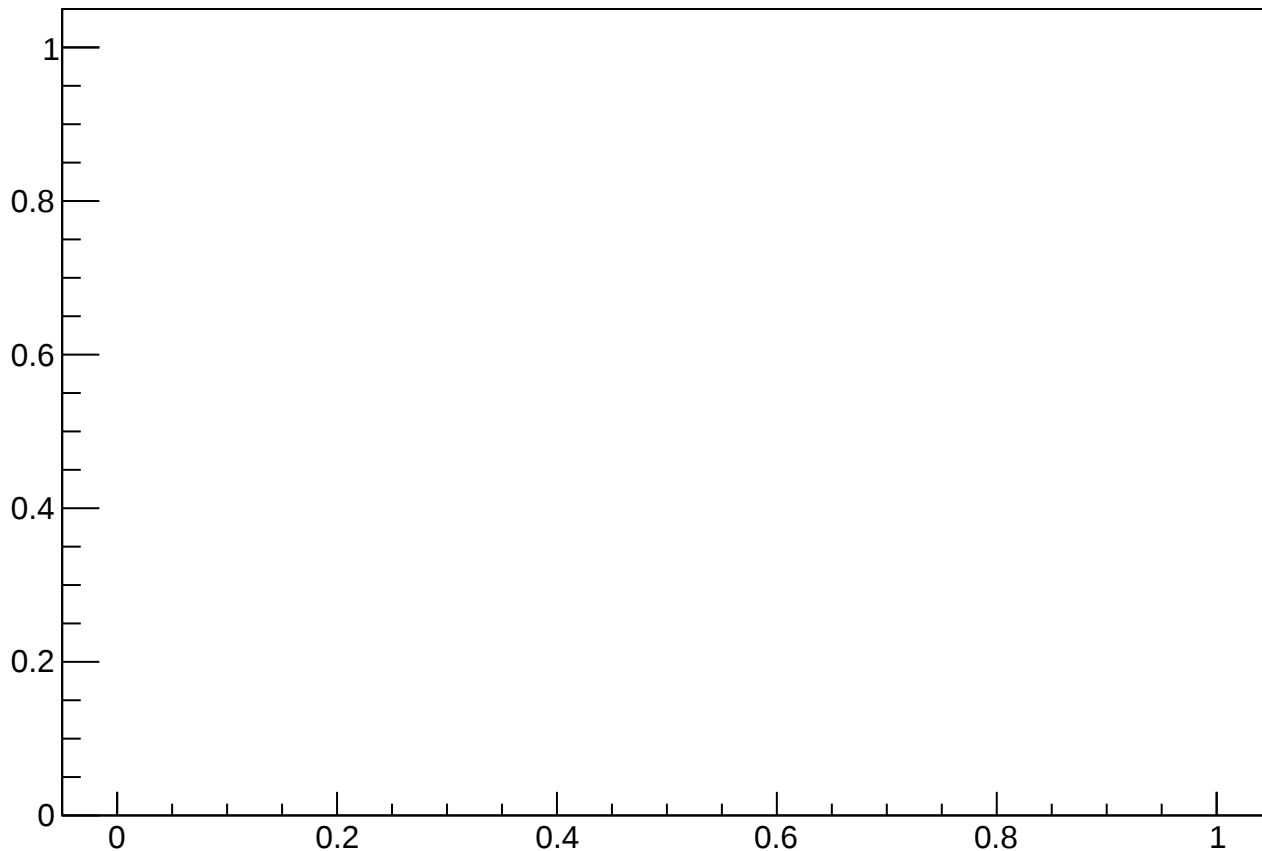
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_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

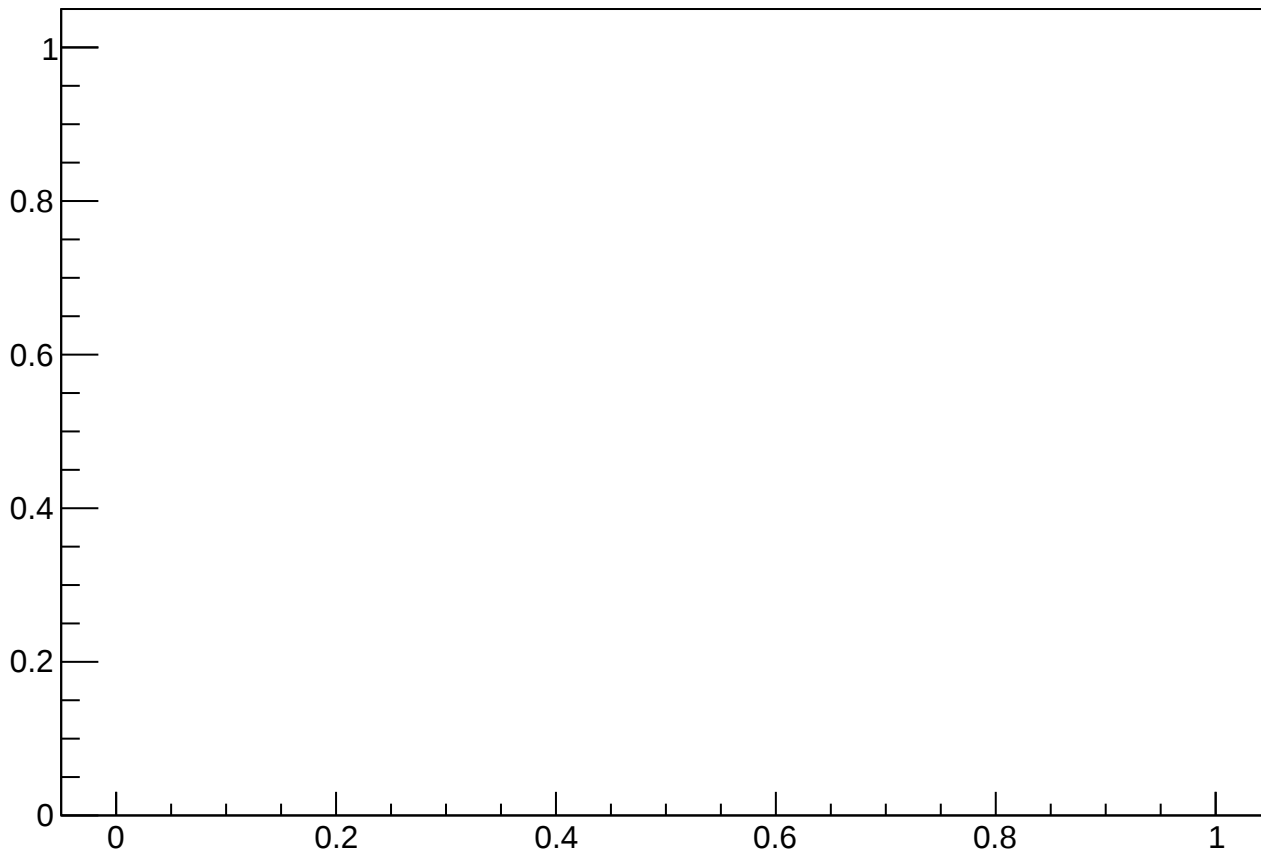
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

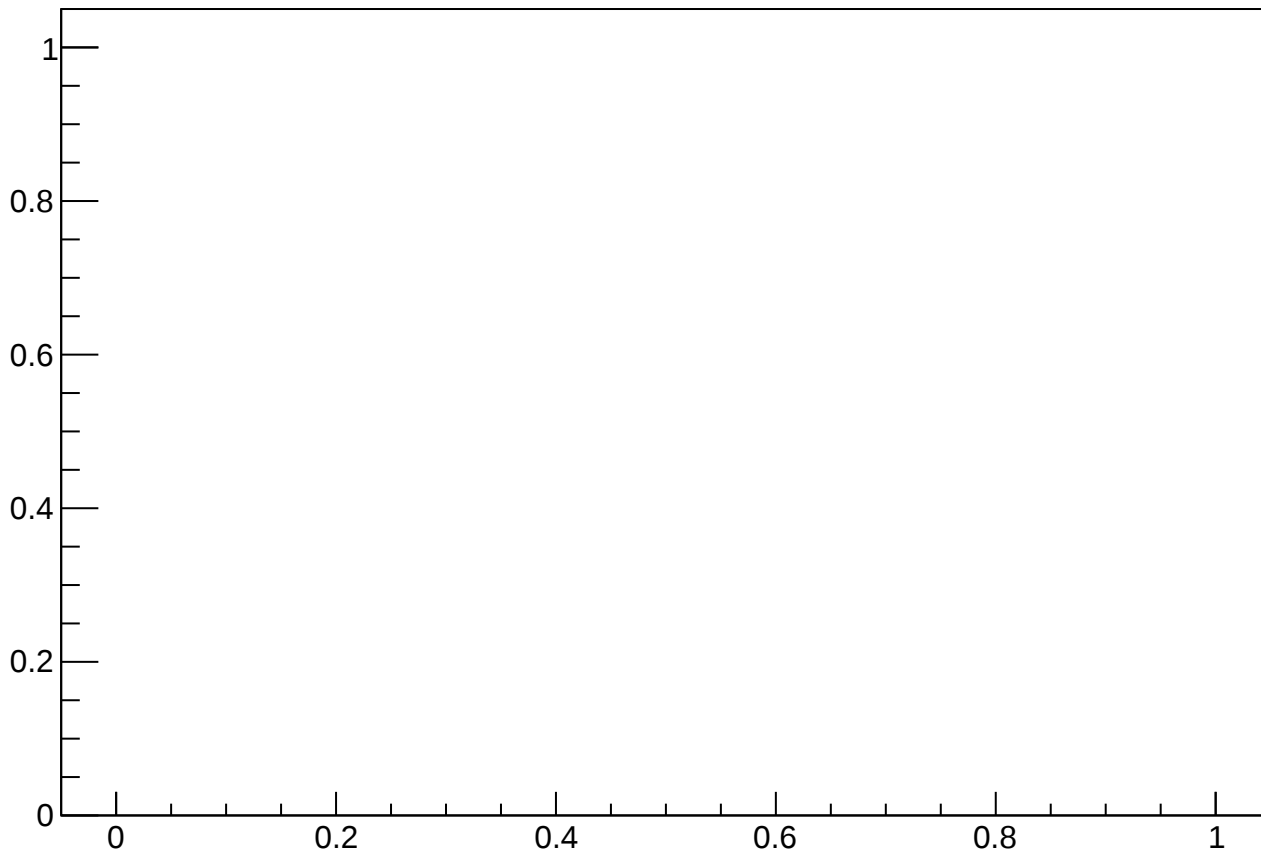
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

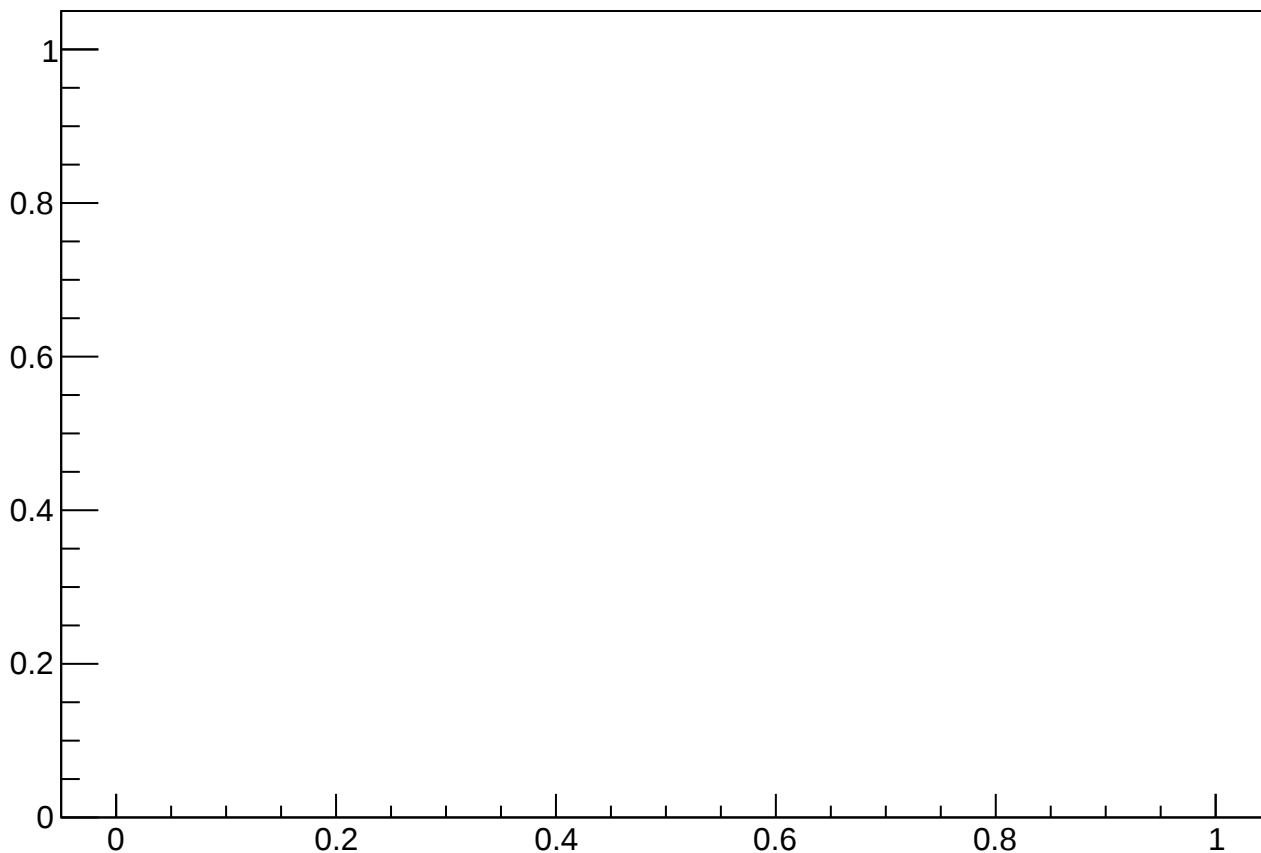
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_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

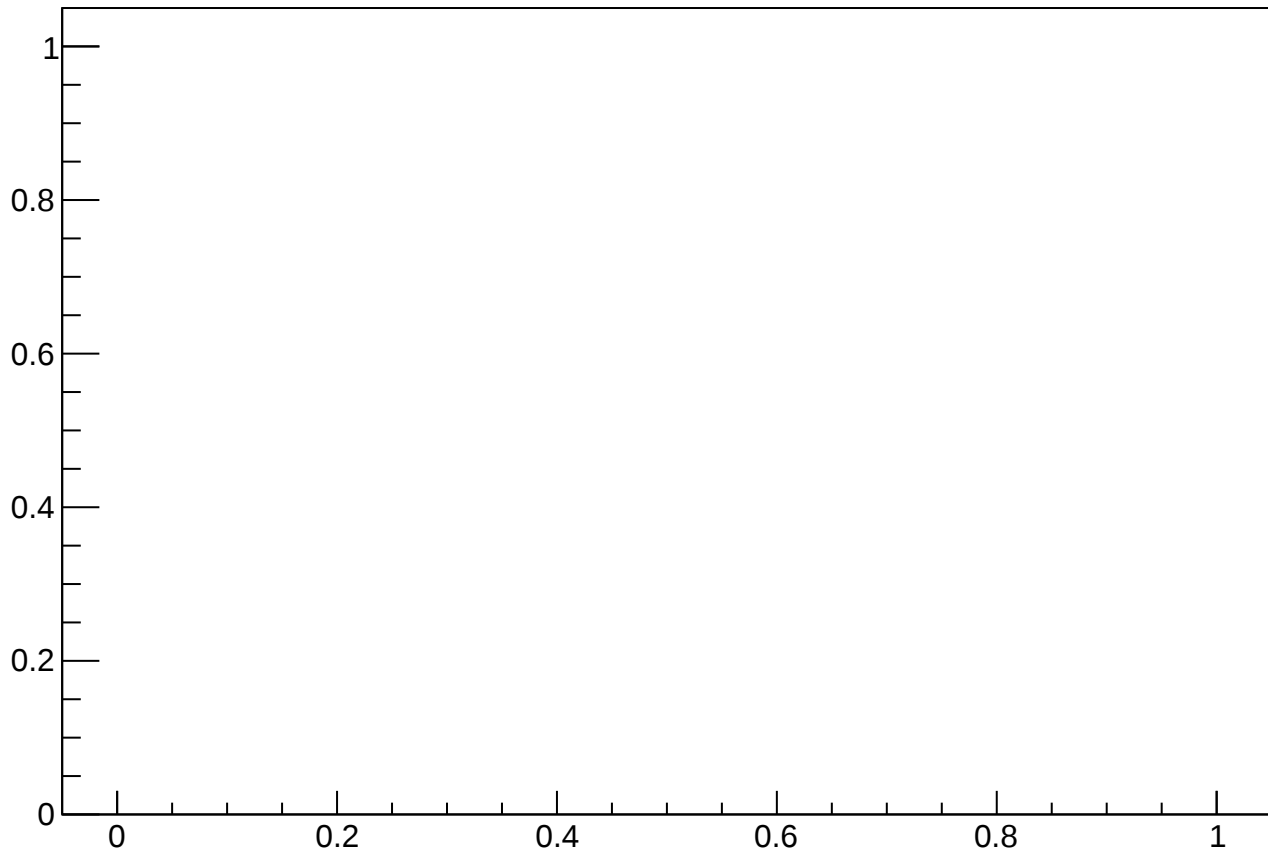
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

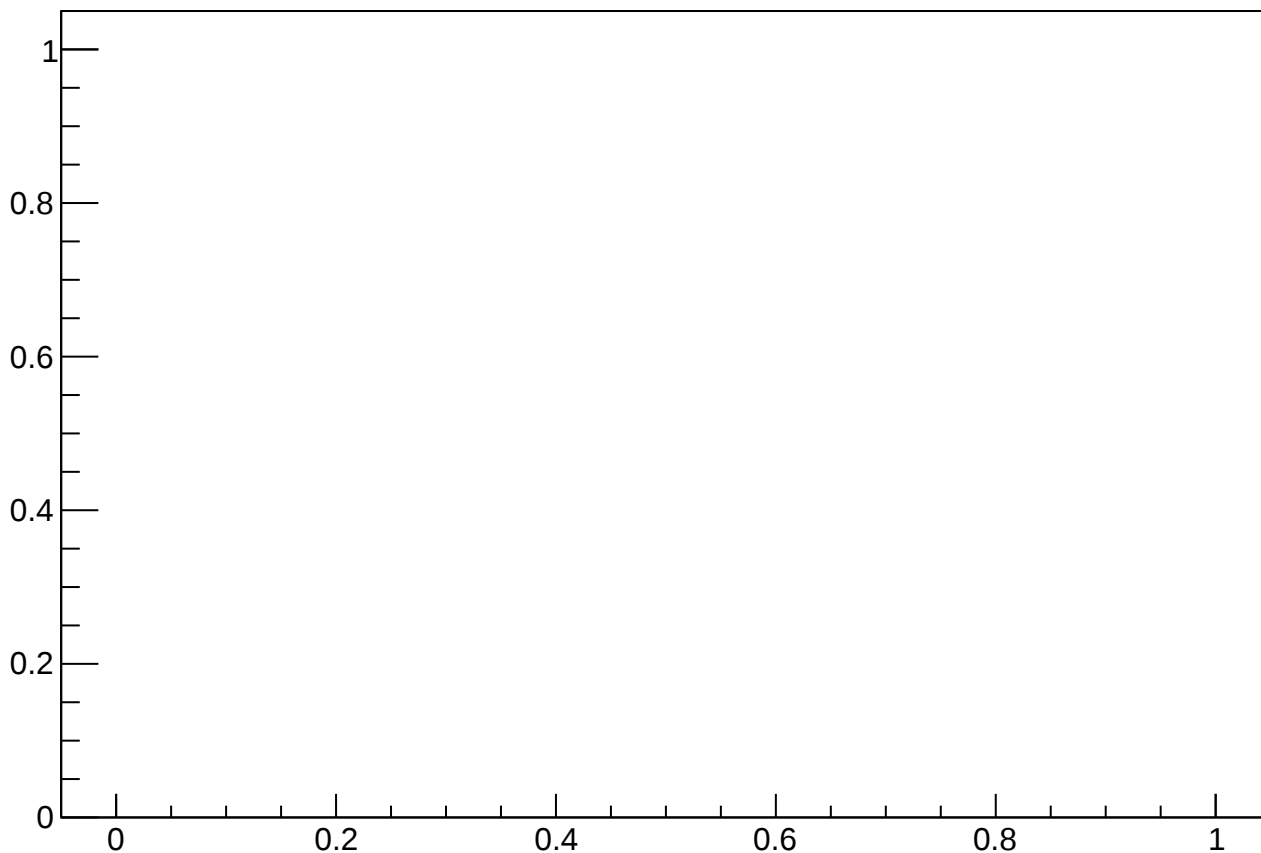
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

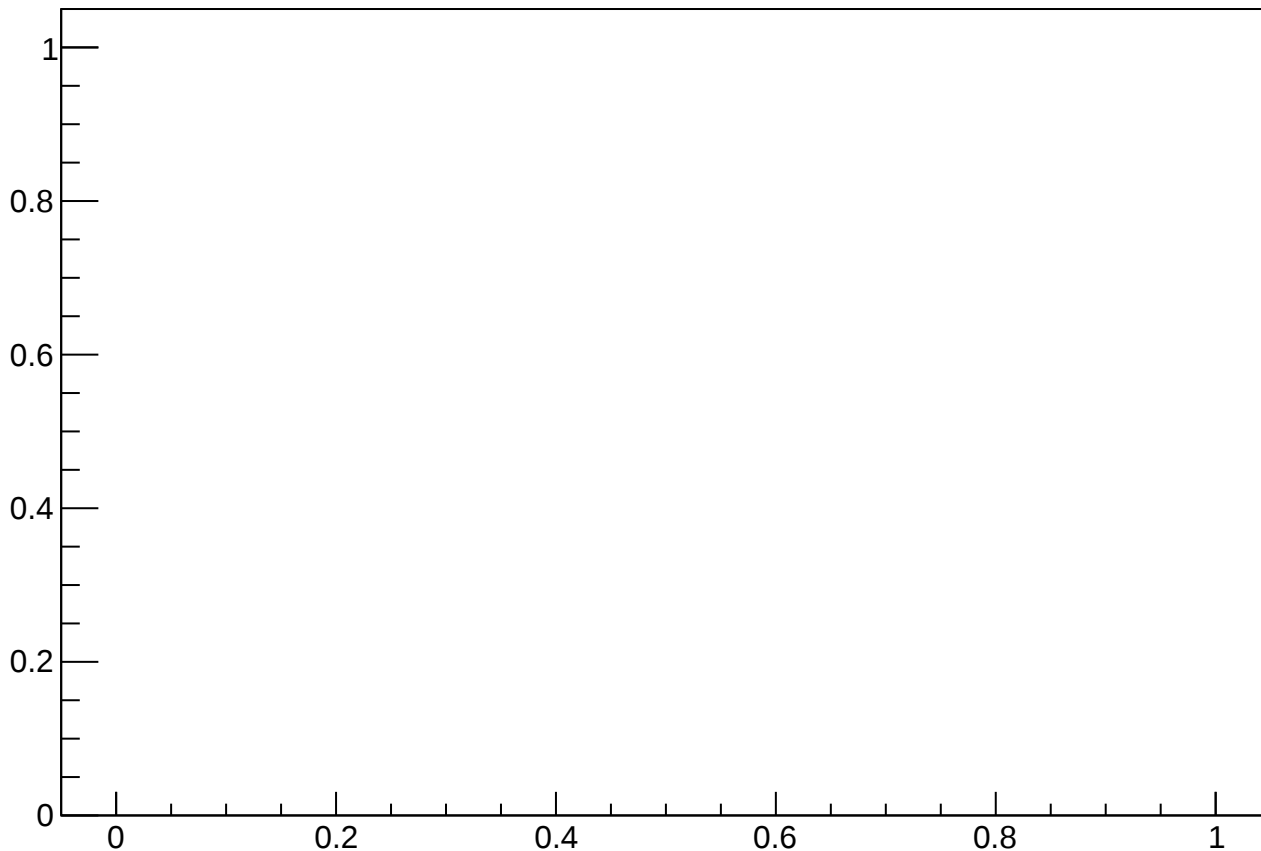
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

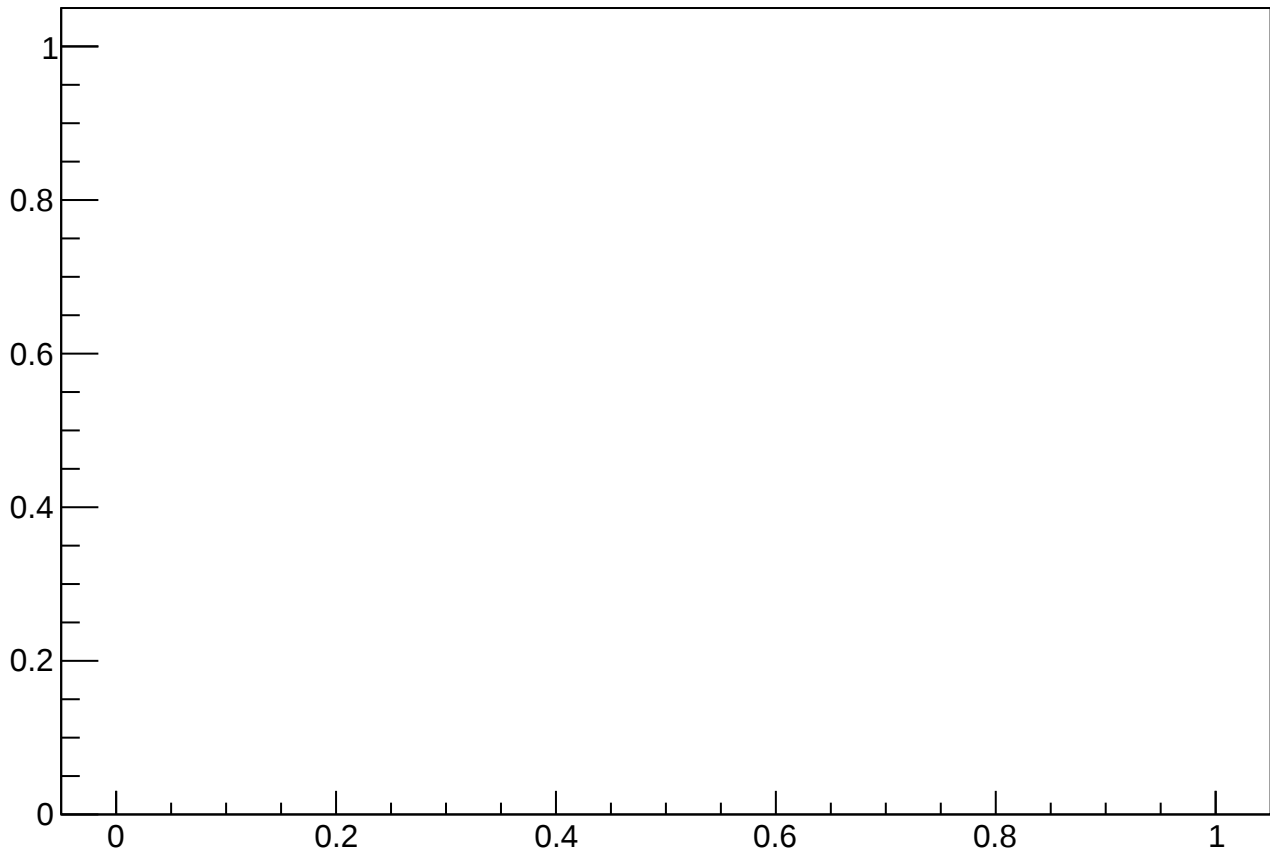
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

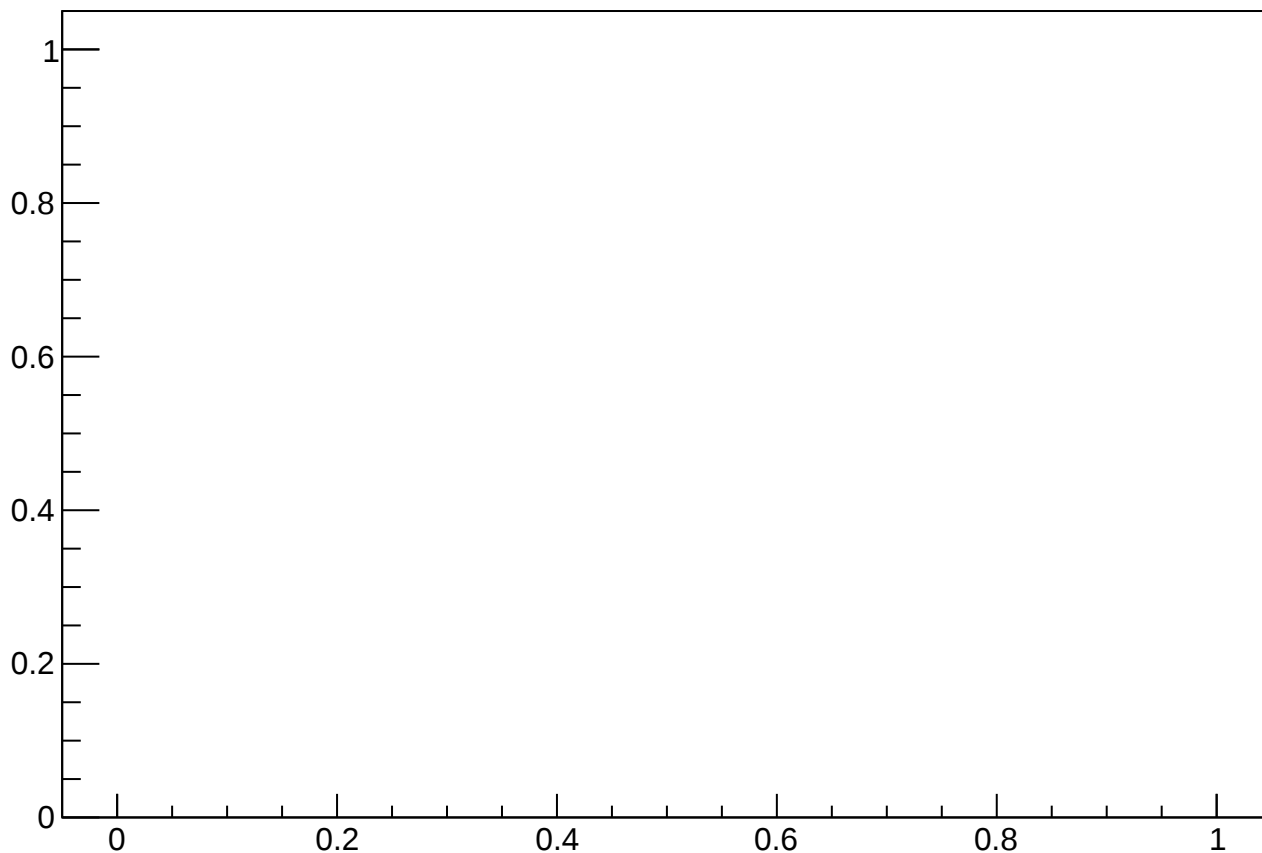
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

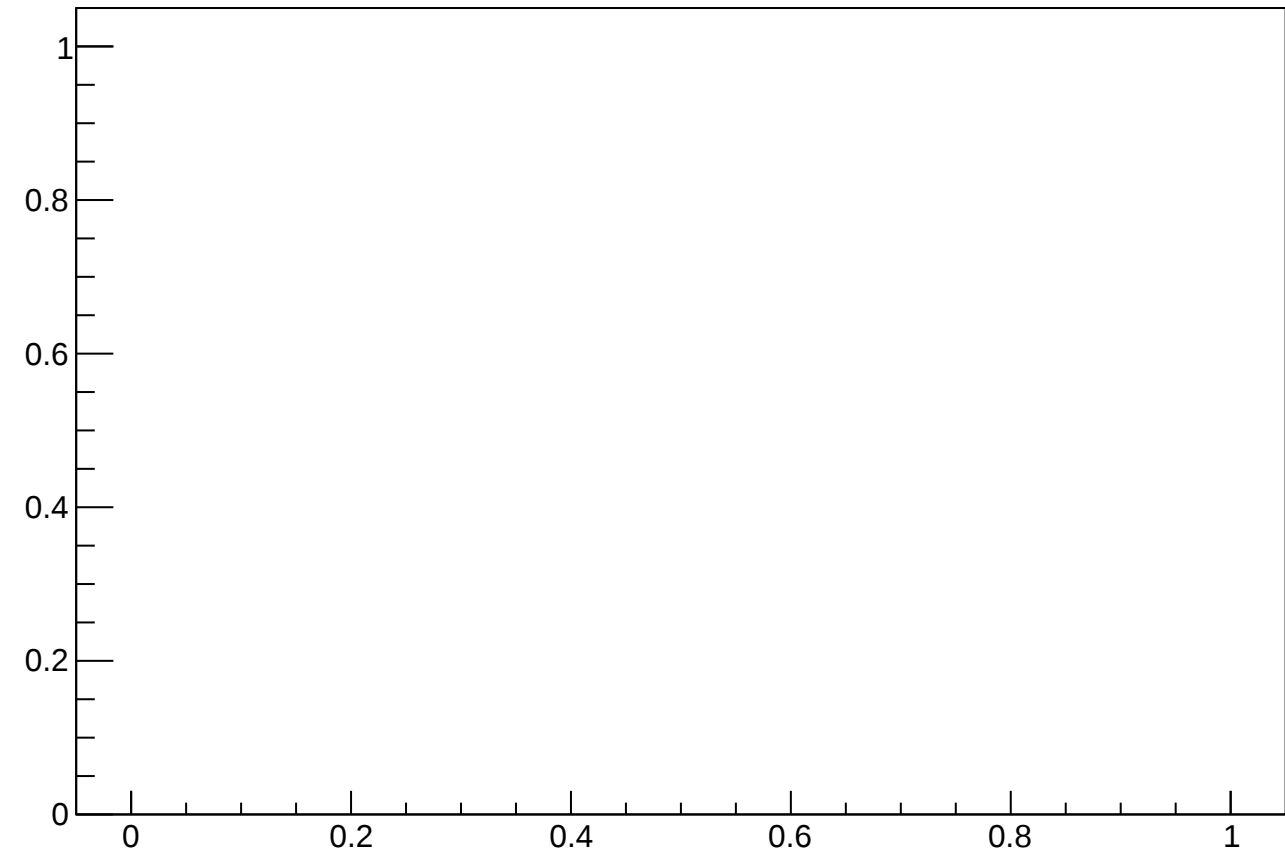
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

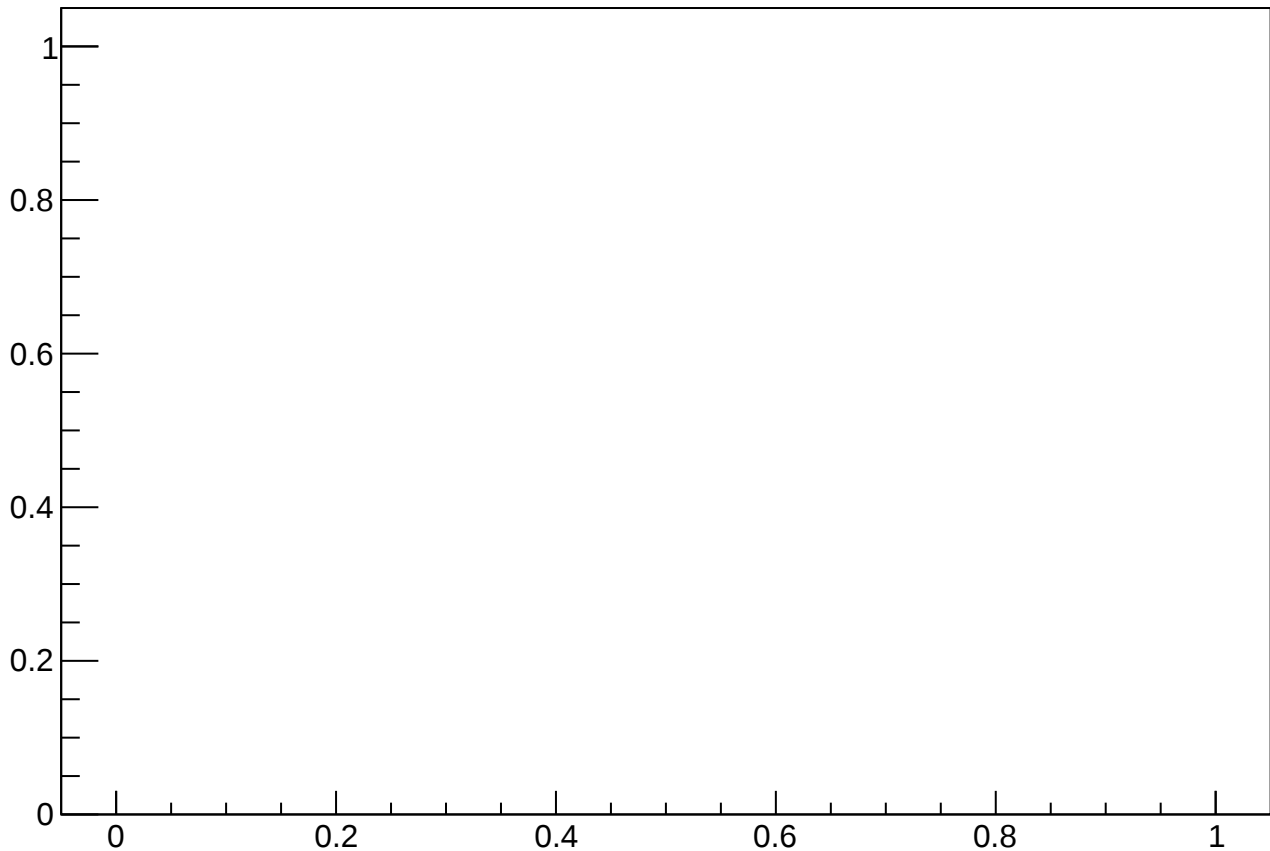
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

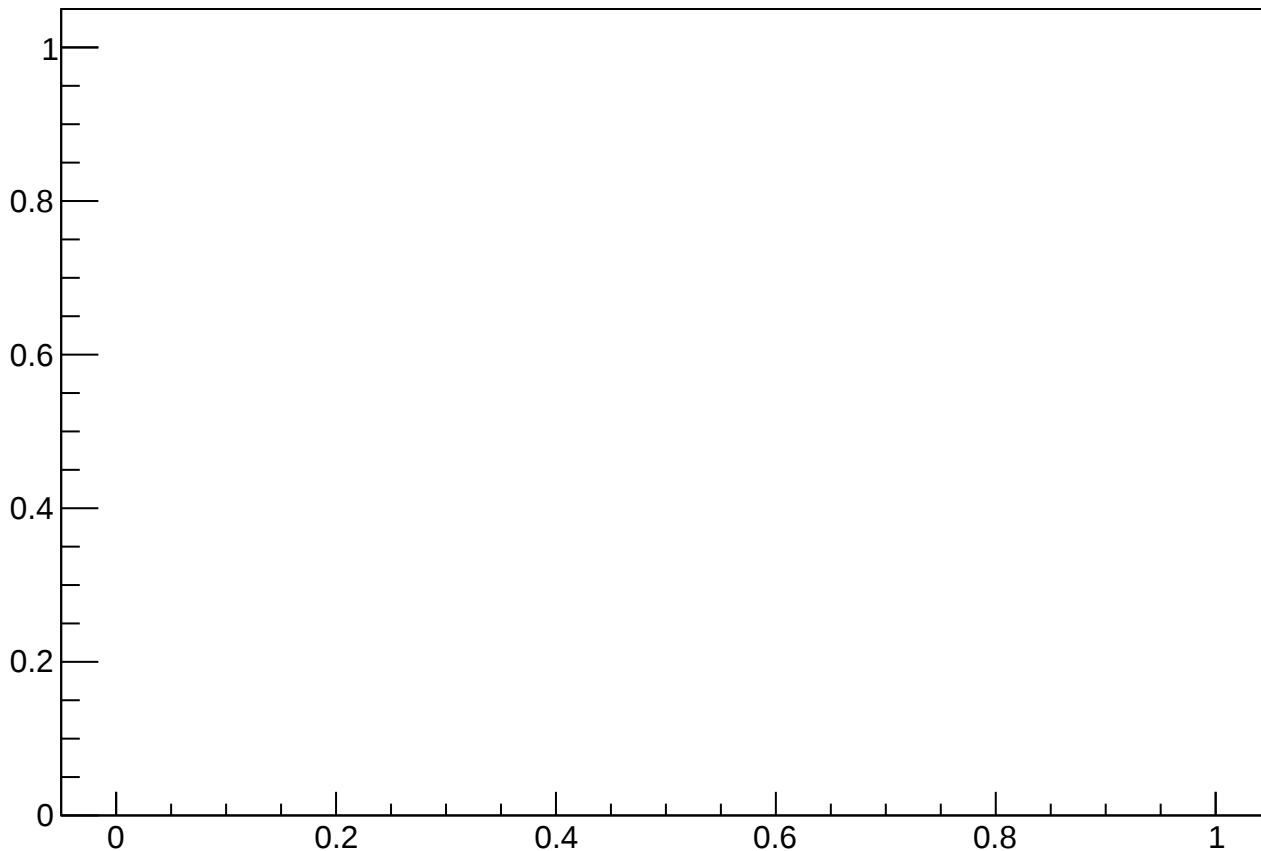
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

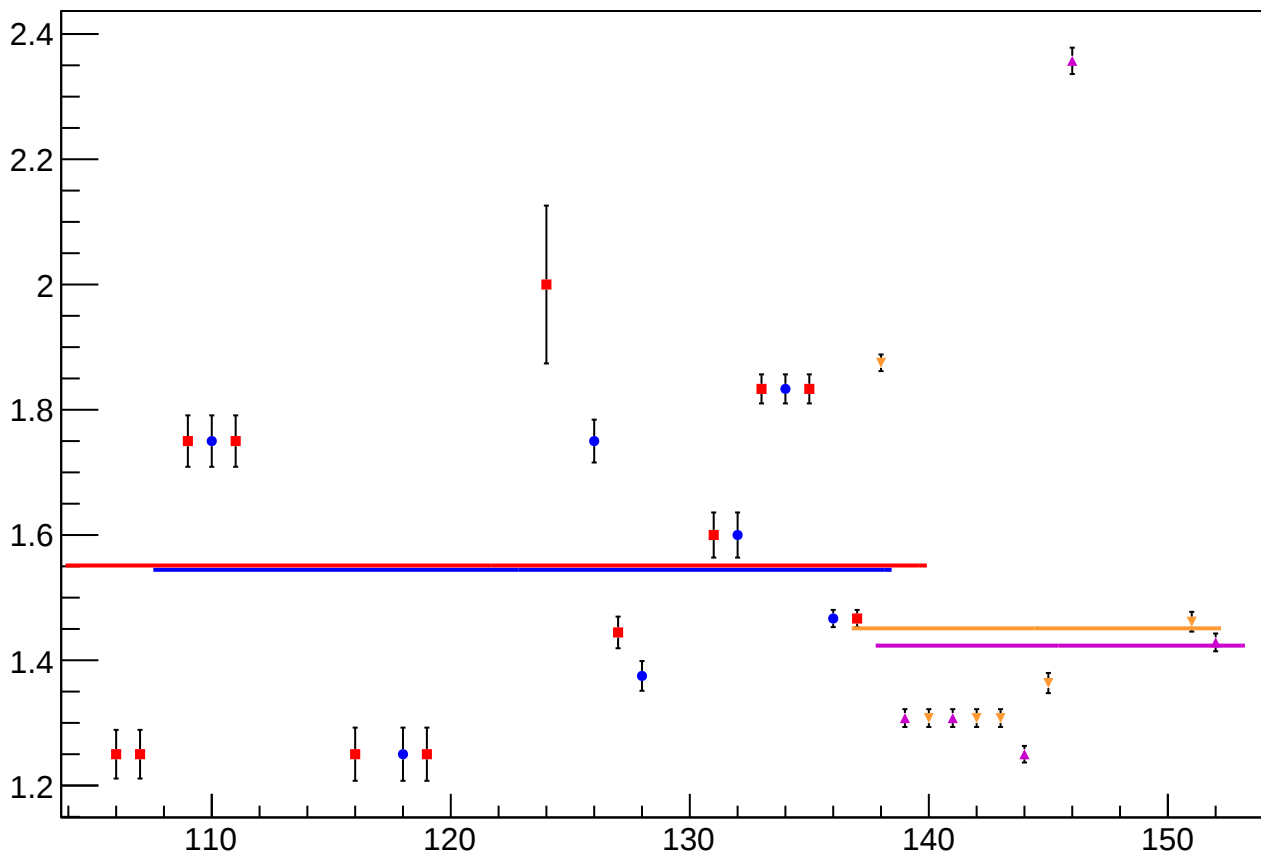
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

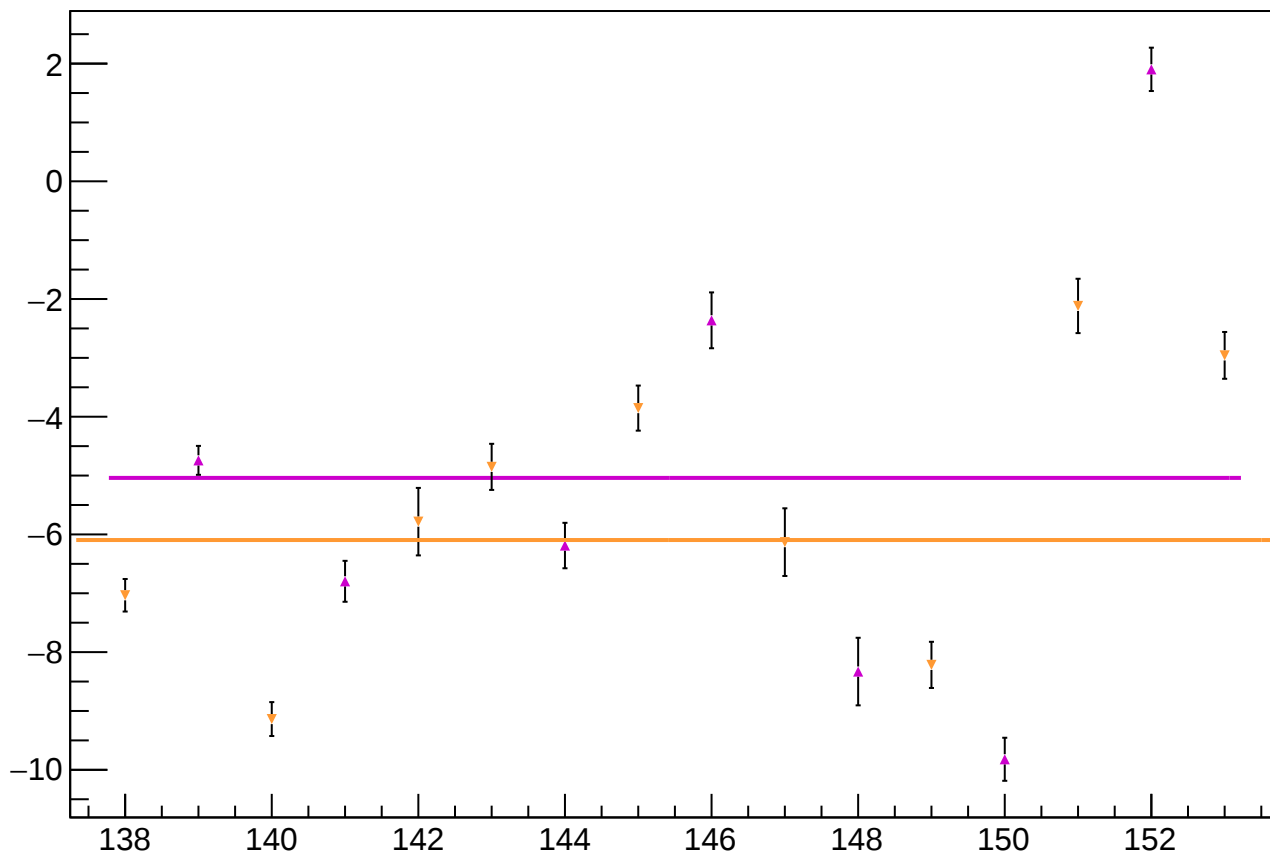
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -6.095+/-0.127 χ^2/NDF :333.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -5.040+/-0.136 χ^2/NDF :626.6/6

Left: -5.605+/-0.093 χ^2/NDF : 992.1/15

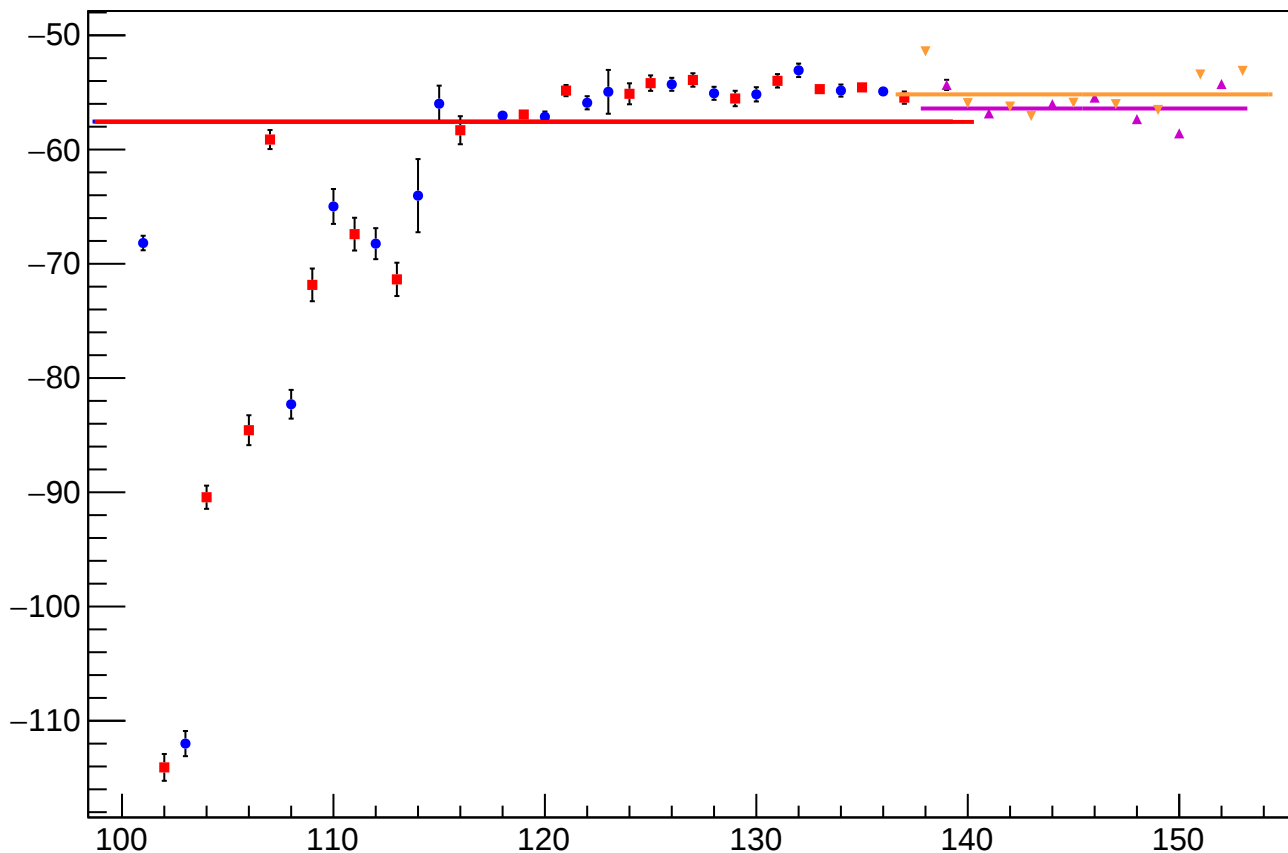
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -5.040+/-0.136 χ^2/NDF :626.6/6

Out: -6.095+/-0.127 χ^2/NDF :333.3/8

All: -5.605+/-0.093 χ^2/NDF : 992.1/15

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: -55.172 $\pm$ 0.094 χ^2 /NDF:341.2/8

Right Out: -57.581 $\pm$ 0.143 χ^2 /NDF: 4343.8/17

Left In: -56.407 $\pm$ 0.108 χ^2 /NDF:182.4/6

Left: -55.707 $\pm$ 0.071 χ^2 /NDF: 597.7/15

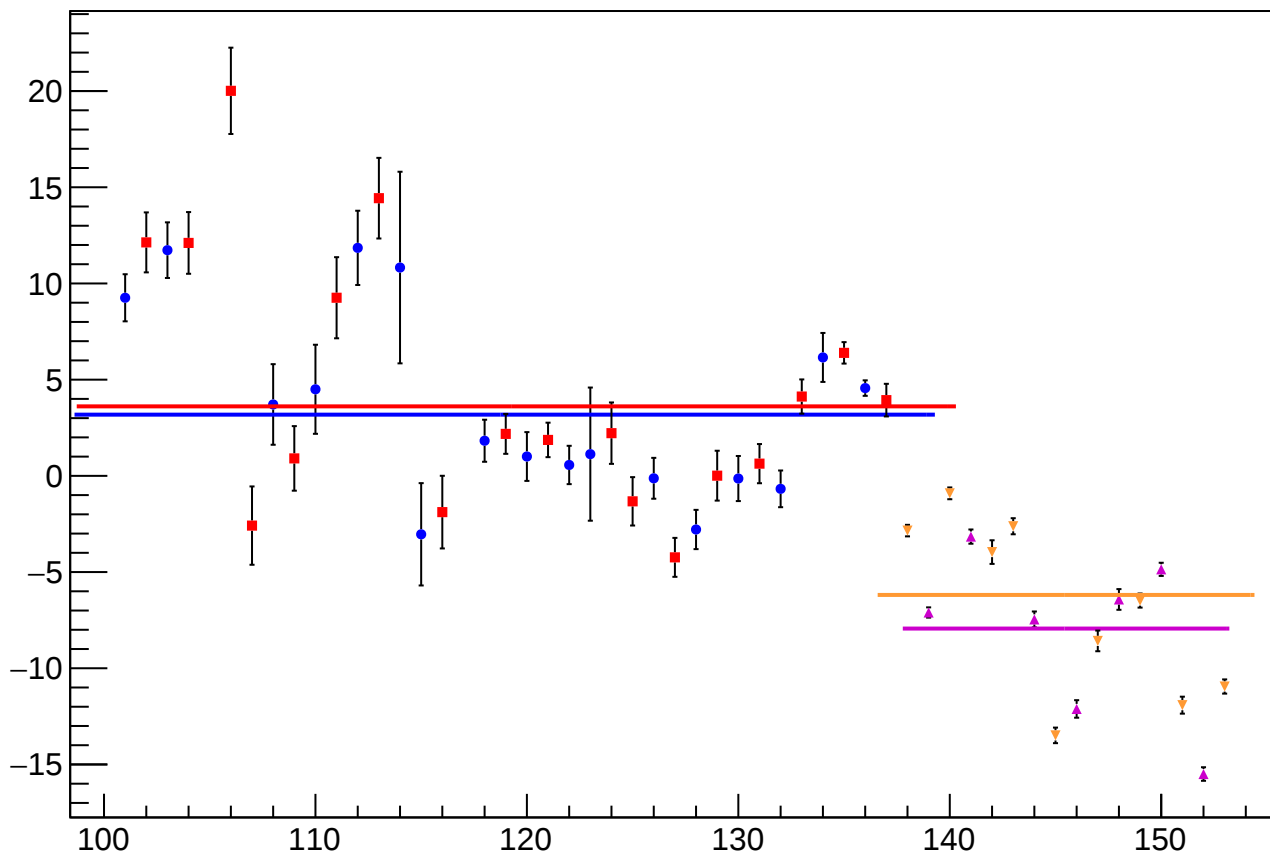
Right: -57.565 $\pm$ 0.101 χ^2 /NDF: 7804.2/34

In: -56.827 $\pm$ 0.086 χ^2 /NDF:3683.9/23

Out: -55.905 $\pm$ 0.079 χ^2 /NDF:4882.6/26

All: -56.326 $\pm$ 0.058 χ^2 /NDF: 8629.2/50

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16

Left Out: -6.189 ± 0.130 χ^2/NDF : 1187.5/8

Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17

Left In: -7.937 ± 0.138 χ^2/NDF : 811.7/6

Left: -7.005 ± 0.095 χ^2/NDF : 2084.2/15

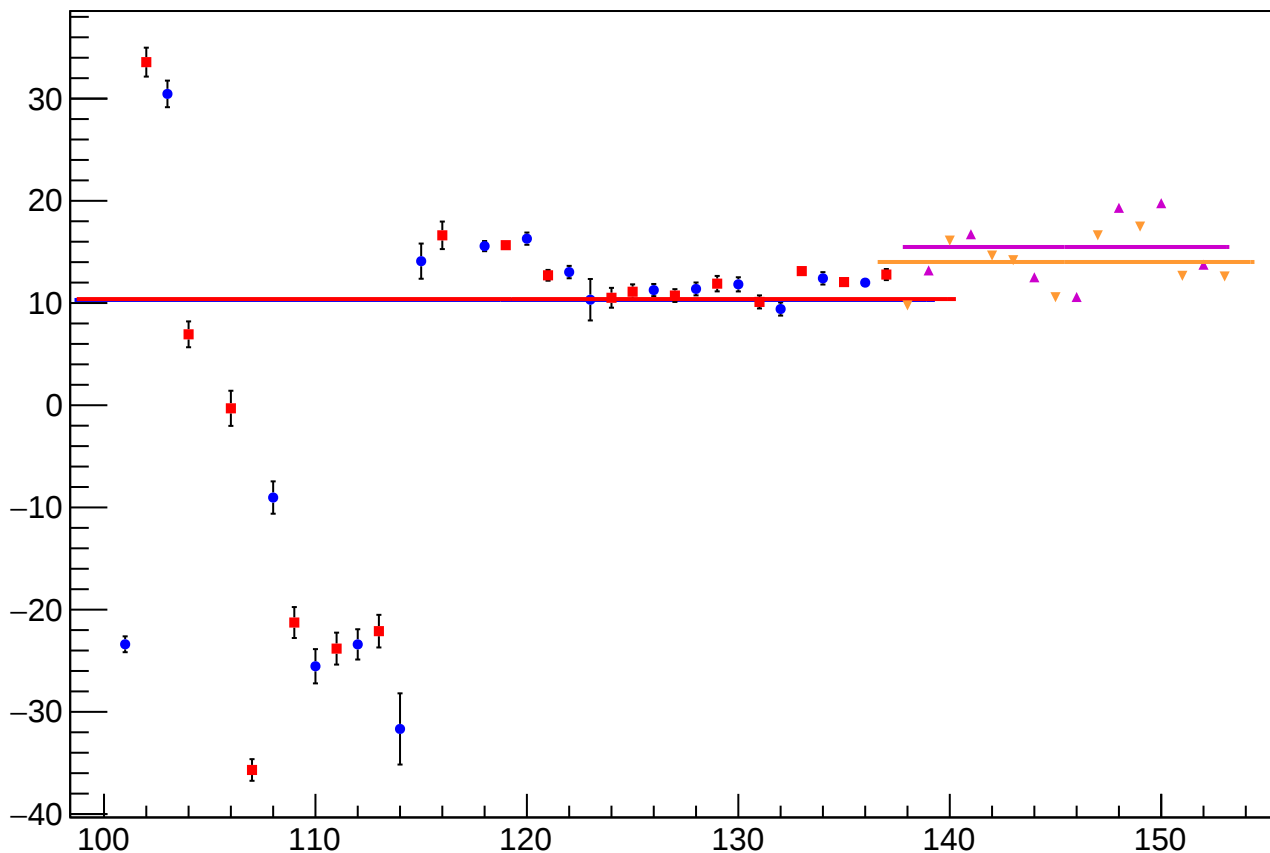
Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34

In: -5.451 ± 0.122 χ^2/NDF : 2438.8/23

Out: -4.331 ± 0.117 χ^2/NDF : 2561.7/26

All: -4.866 ± 0.084 χ^2/NDF : 5044.5/50

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2/NDF : 3699.4/16

Left Out: 14.016+/-0.113 χ^2/NDF : 499.1/8

Right Out: 10.388+/-0.160 χ^2/NDF : 3786.4/17

Left In: 15.484+/-0.128 χ^2/NDF : 637.7/6

Left: 14.658+/-0.085 χ^2/NDF : 1210.2/15

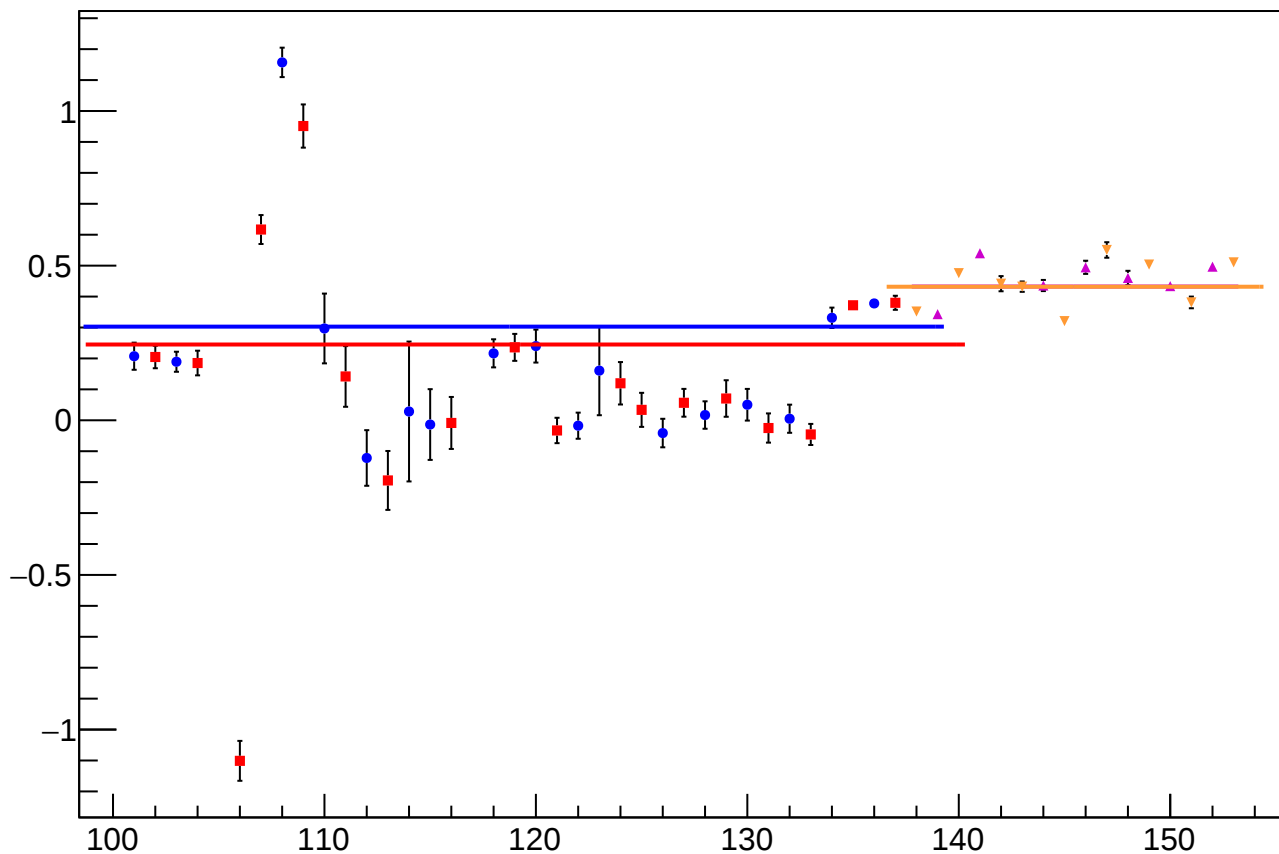
Right: 10.344+/-0.112 χ^2/NDF : 7485.9/34

In: 13.406+/-0.099 χ^2/NDF : 4990.3/23

Out: 12.804+/-0.092 χ^2/NDF : 4628.3/26

All: 13.083+/-0.068 χ^2/NDF : 9638.3/50

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: 0.432 $\pm$ 0.005 χ^2 /NDF:194.4/8

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.432 $\pm$ 0.006 χ^2 /NDF:173.0/6

Left: 0.432 $\pm$ 0.004 χ^2 /NDF: 367.4/15

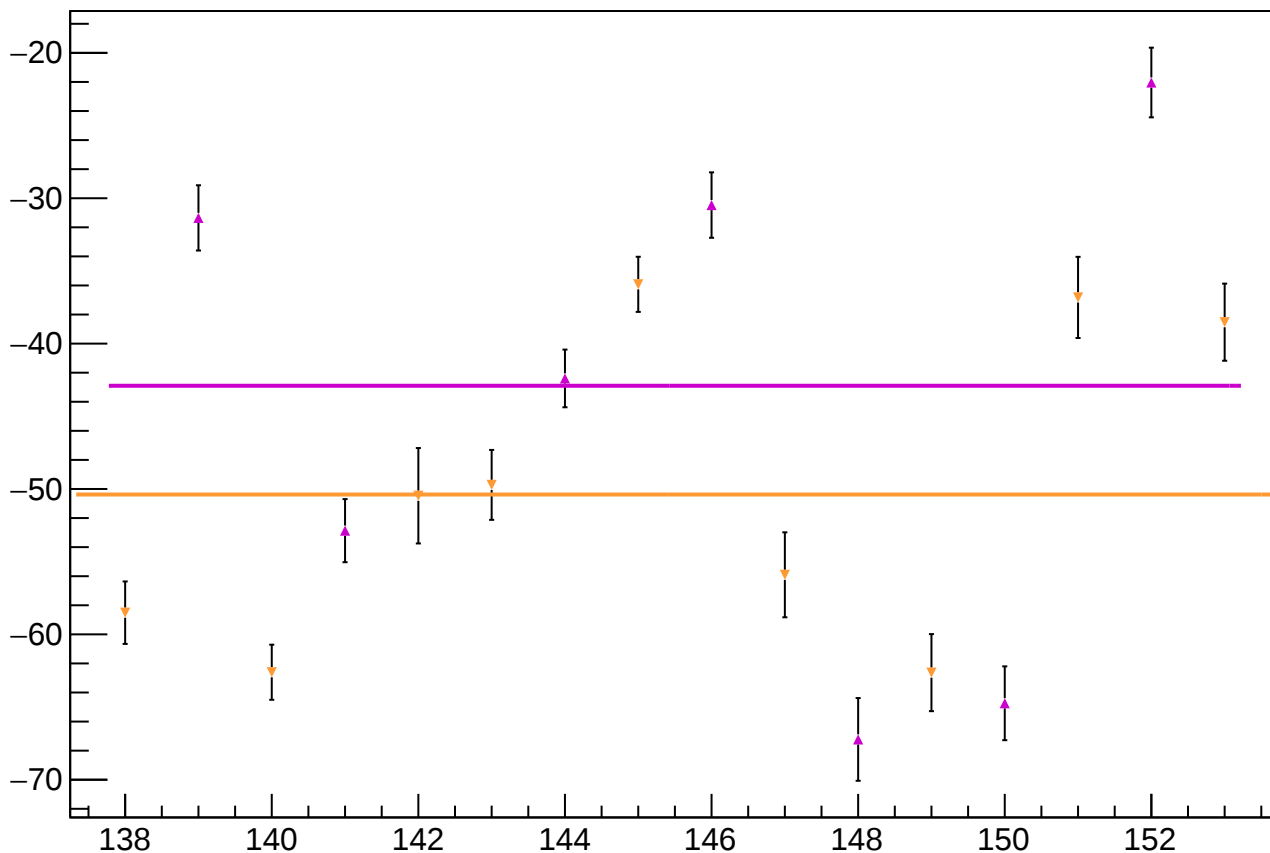
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.392 $\pm$ 0.005 χ^2 /NDF:992.2/23

Out: 0.381 $\pm$ 0.004 χ^2 /NDF:1498.1/26

All: 0.386 $\pm$ 0.003 χ^2 /NDF: 2493.5/50

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -50.381+/-0.798 χ^2/NDF :182.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -42.900+/-0.872 χ^2/NDF :300.9/6

Left: -46.970+/-0.589 χ^2/NDF : 523.6/15

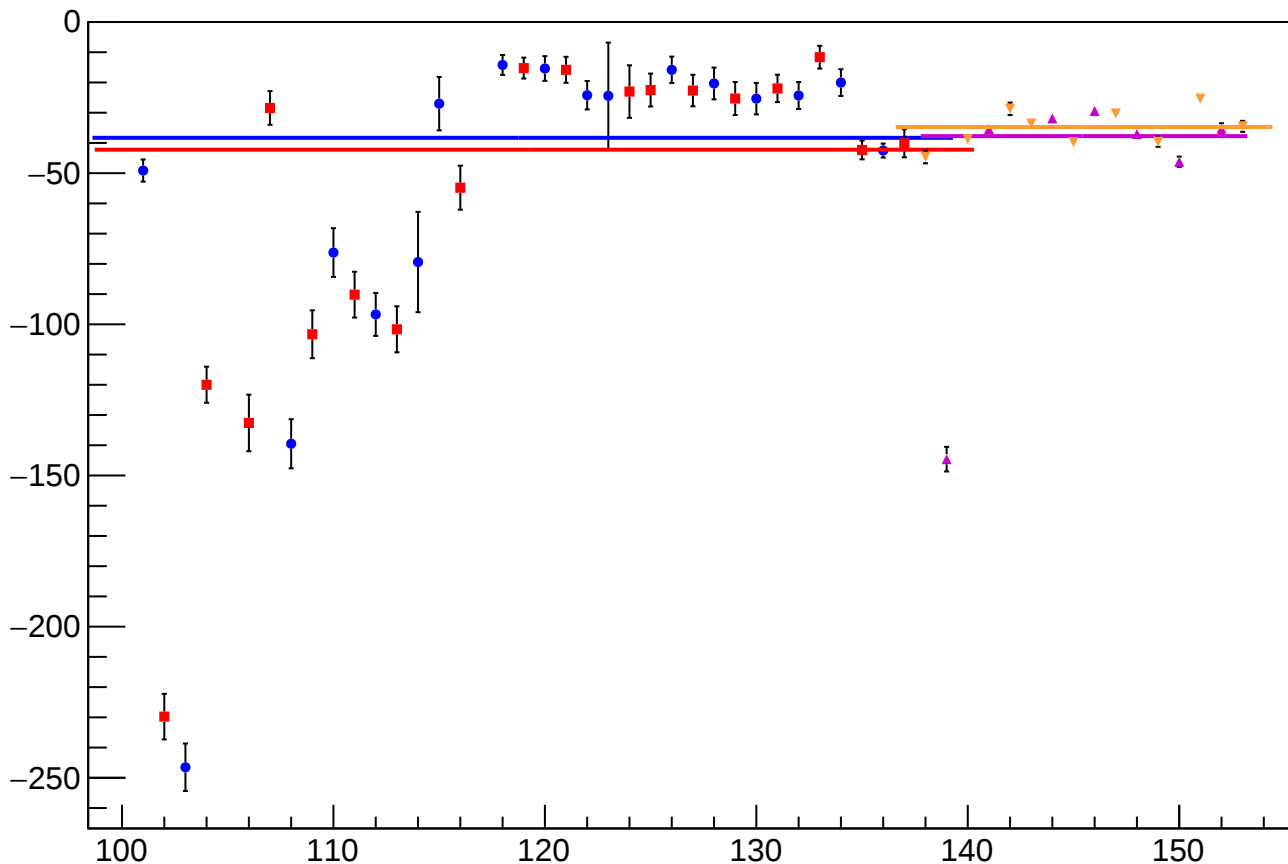
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -42.900+/-0.872 χ^2/NDF :300.9/6

Out: -50.381+/-0.798 χ^2/NDF :182.7/8

All: -46.970+/-0.589 χ^2/NDF : 523.6/15

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: -34.751 ± 0.558 $\chi^2/\text{NDF}: 99.5/8$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -37.740 ± 0.612 $\chi^2/\text{NDF}: 770.9/6$

Left: -36.108 ± 0.413 $\chi^2/\text{NDF}: 883.4/15$

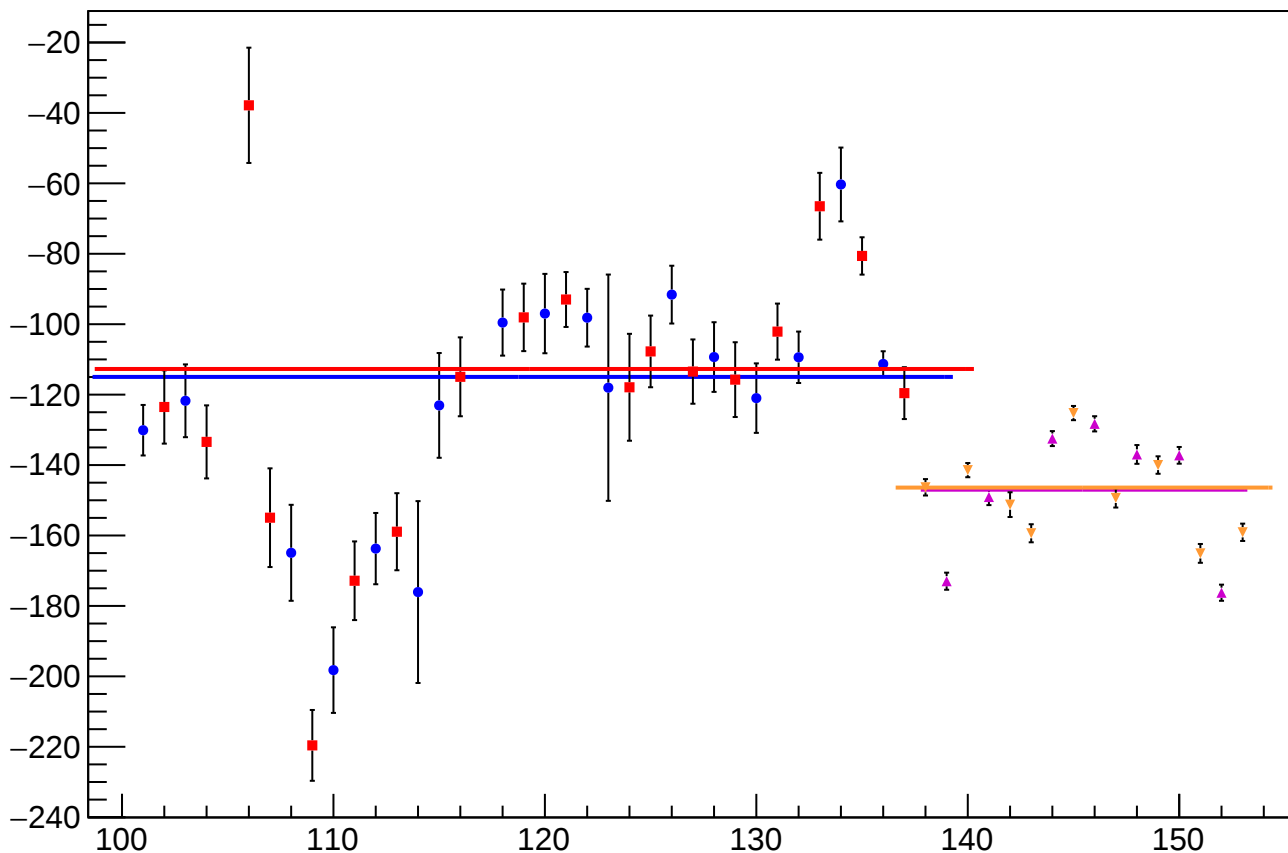
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -37.867 ± 0.539 $\chi^2/\text{NDF}: 1903.9/23$

Out: -36.065 ± 0.507 $\chi^2/\text{NDF}: 1409.1/26$

All: -36.910 ± 0.369 $\chi^2/\text{NDF}: 3318.9/50$

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: -146.396 ± 0.814 $\chi^2/\text{NDF}: 226.9/8$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -146.992 ± 0.877 $\chi^2/\text{NDF}: 430.9/6$

Left: -146.672 ± 0.596 $\chi^2/\text{NDF}: 658.0/15$

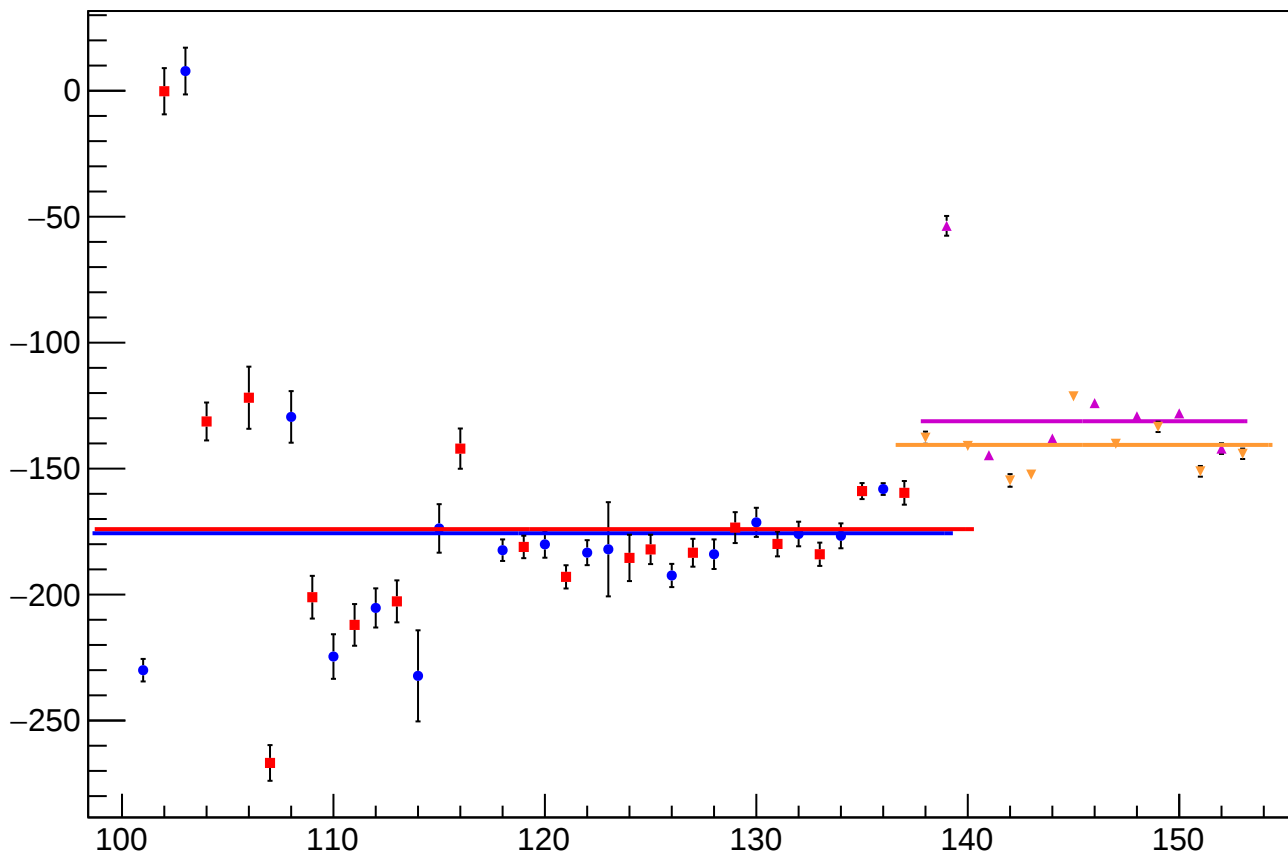
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -142.141 ± 0.807 $\chi^2/\text{NDF}: 774.5/23$

Out: -142.377 ± 0.763 $\chi^2/\text{NDF}: 698.5/26$

All: -142.266 ± 0.555 $\chi^2/\text{NDF}: 1473.0/50$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.588 ± 0.681 χ^2/NDF : 227.4/8

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -131.193 ± 0.750 χ^2/NDF : 507.2/6

Left: -136.342 ± 0.504 χ^2/NDF : 820.7/15

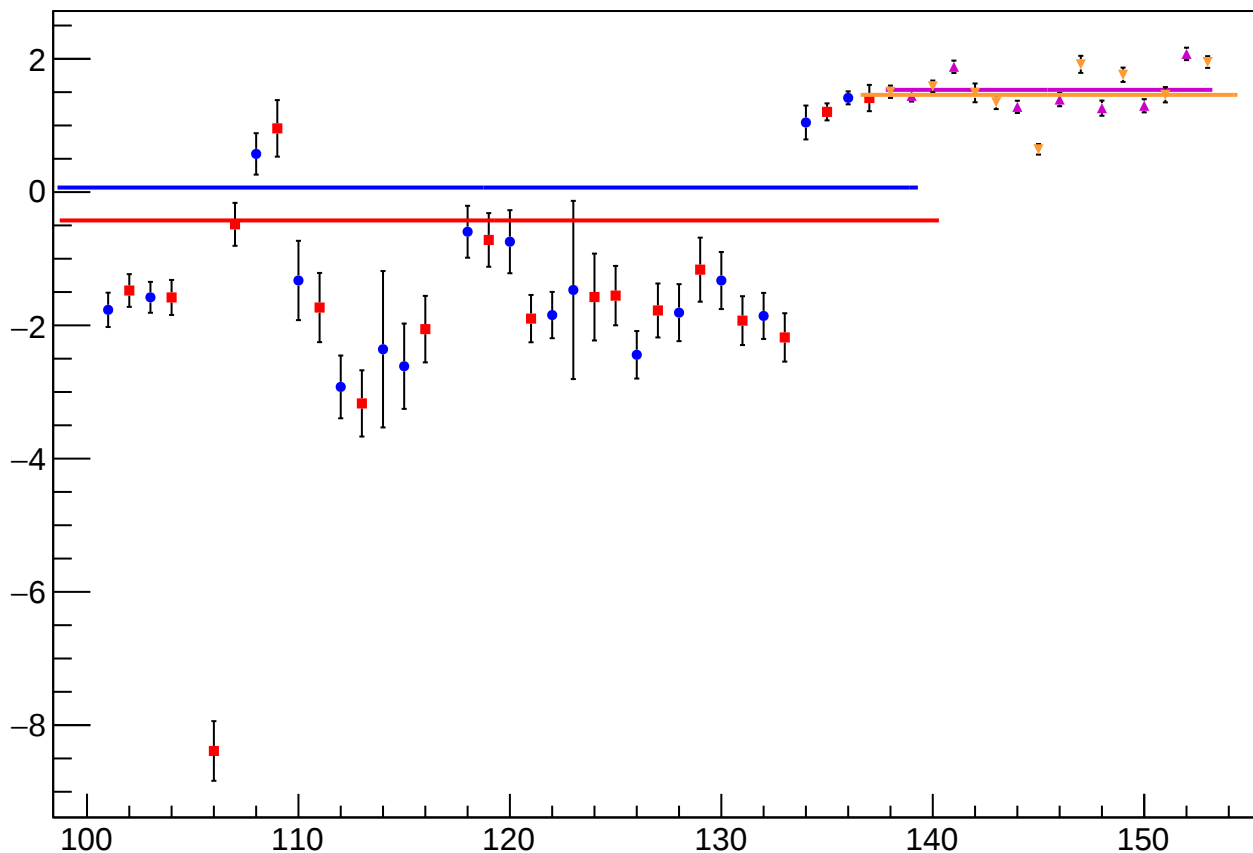
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -142.695 ± 0.646 χ^2/NDF : 2109.0/23

Out: -147.326 ± 0.608 χ^2/NDF : 1417.0/26

All: -145.148 ± 0.443 χ^2/NDF : 3553.2/50

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: 1.459 $\pm$ 0.033 χ^2 /NDF:162.3/8

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.535 $\pm$ 0.036 χ^2 /NDF:69.7/6

Left: 1.494 $\pm$ 0.025 χ^2 /NDF: 234.3/15

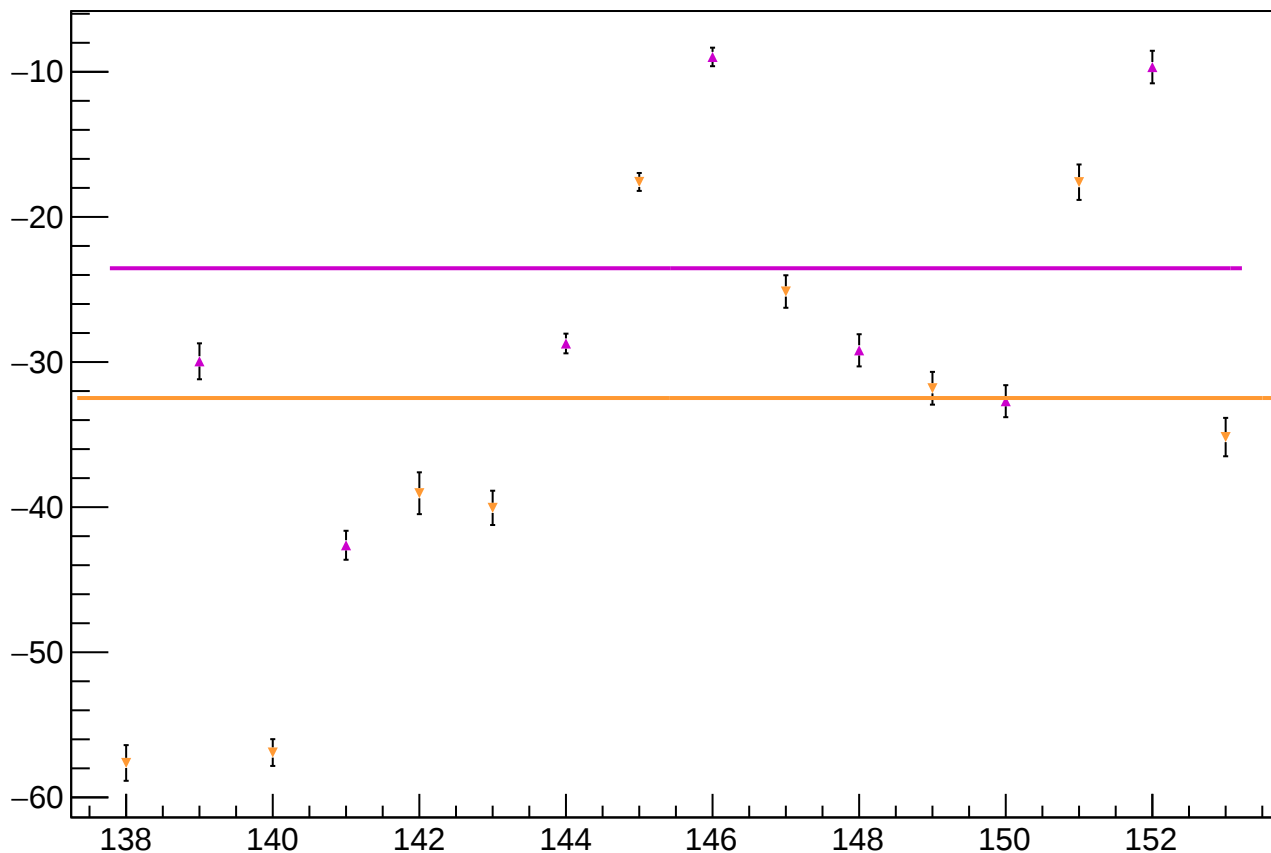
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.202 $\pm$ 0.032 χ^2 /NDF:965.8/23

Out: 1.122 $\pm$ 0.030 χ^2 /NDF:1479.6/26

All: 1.160 $\pm$ 0.022 χ^2 /NDF: 2448.8/50

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.480+/-0.343 χ^2/NDF :1959.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.536+/-0.339 χ^2/NDF :1219.0/6

Left: -27.948+/-0.241 χ^2/NDF : 3522.2/15

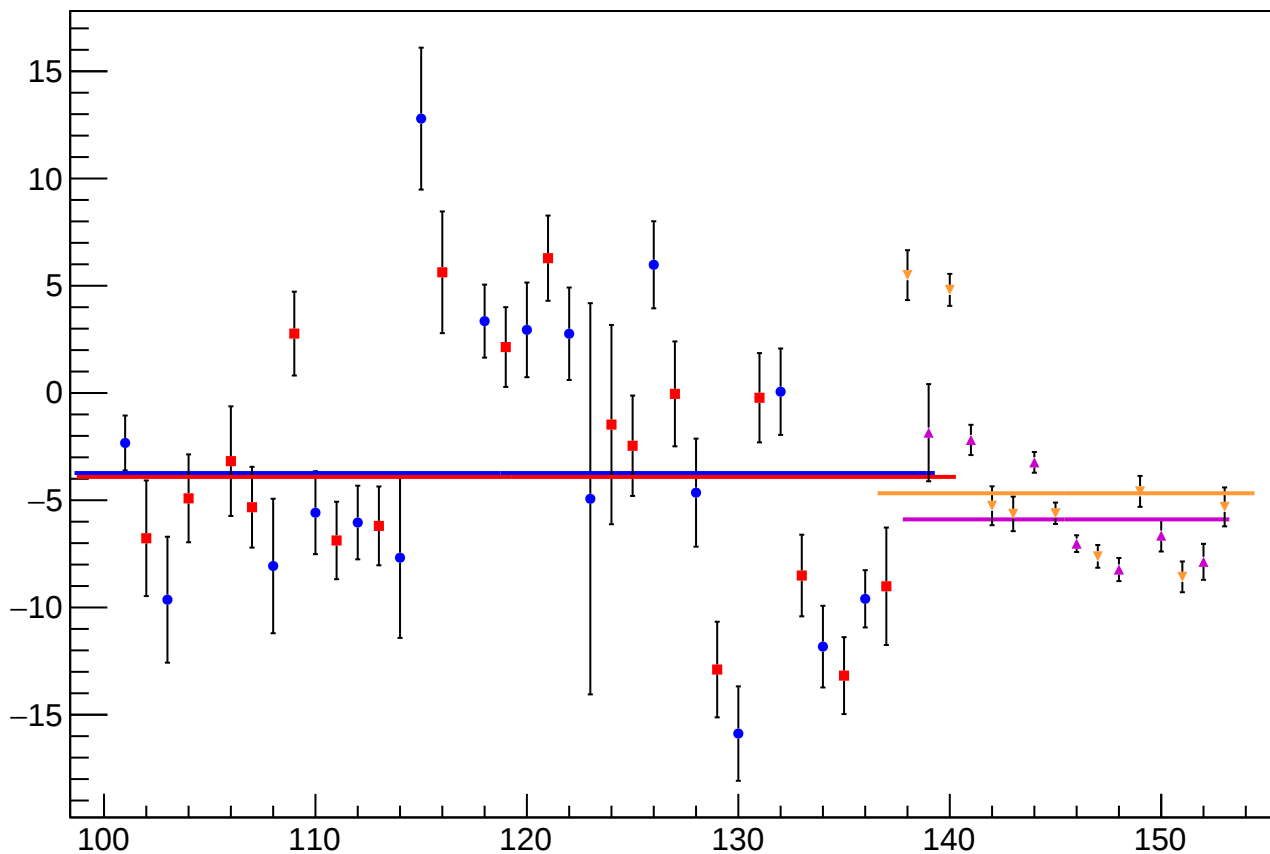
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.536+/-0.339 χ^2/NDF :1219.0/6

Out: -32.480+/-0.343 χ^2/NDF :1959.4/8

All: -27.948+/-0.241 χ^2/NDF : 3522.2/15

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 χ^2/NDF : 165.8/16

Left Out: -4.674 ± 0.236 χ^2/NDF : 304.3/8

Right Out: -3.912 ± 0.507 χ^2/NDF : 124.8/17

Left In: -5.893 ± 0.225 χ^2/NDF : 94.9/6

Left: -5.313 ± 0.163 χ^2/NDF : 413.1/15

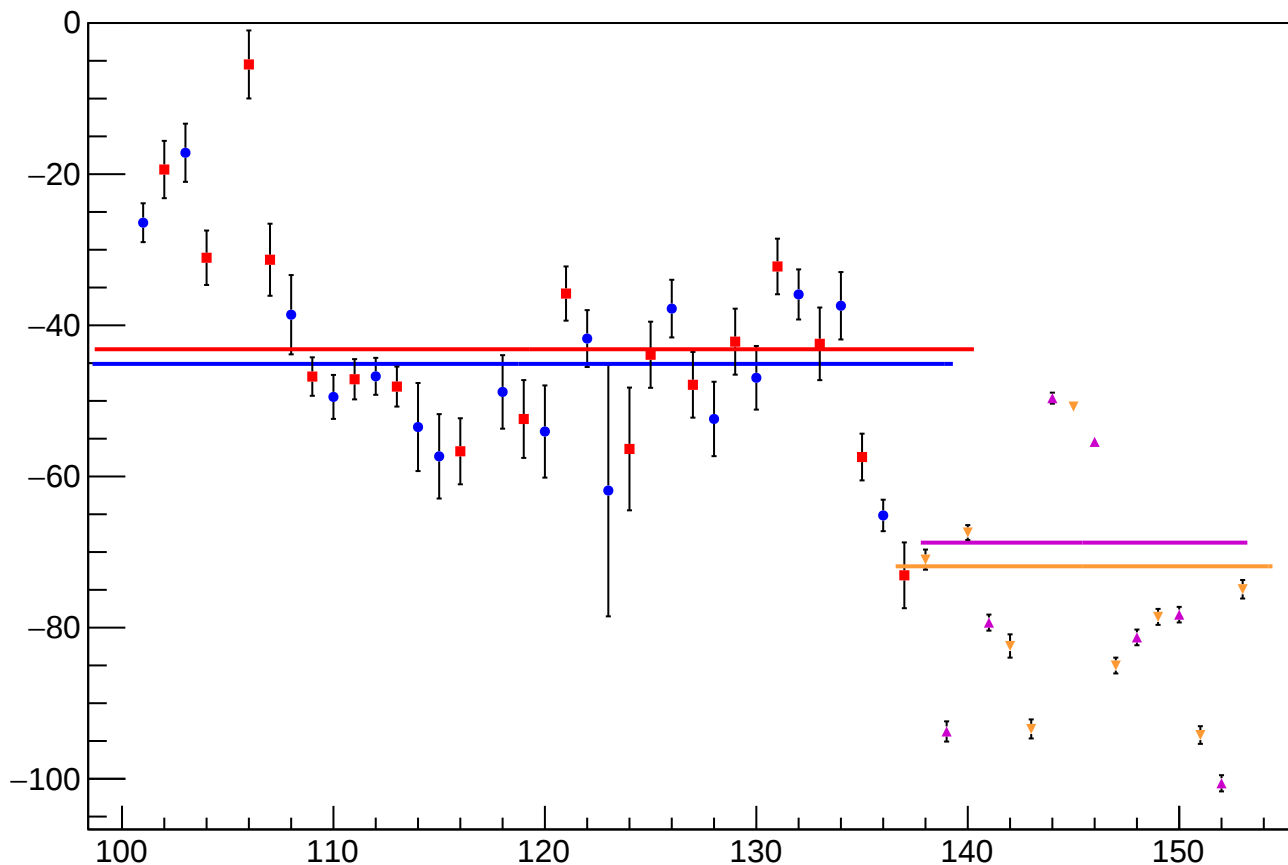
Right: -3.820 ± 0.354 χ^2/NDF : 290.7/34

In: -5.524 ± 0.205 χ^2/NDF : 276.5/23

Out: -4.538 ± 0.214 χ^2/NDF : 430.9/26

All: -5.052 ± 0.148 χ^2/NDF : 718.4/50

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -71.886 ± 0.350 χ^2/NDF : 1967.7/8

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -68.754 ± 0.338 χ^2/NDF : 2724.7/6

Left: -70.269 ± 0.243 χ^2/NDF : 4733.9/15

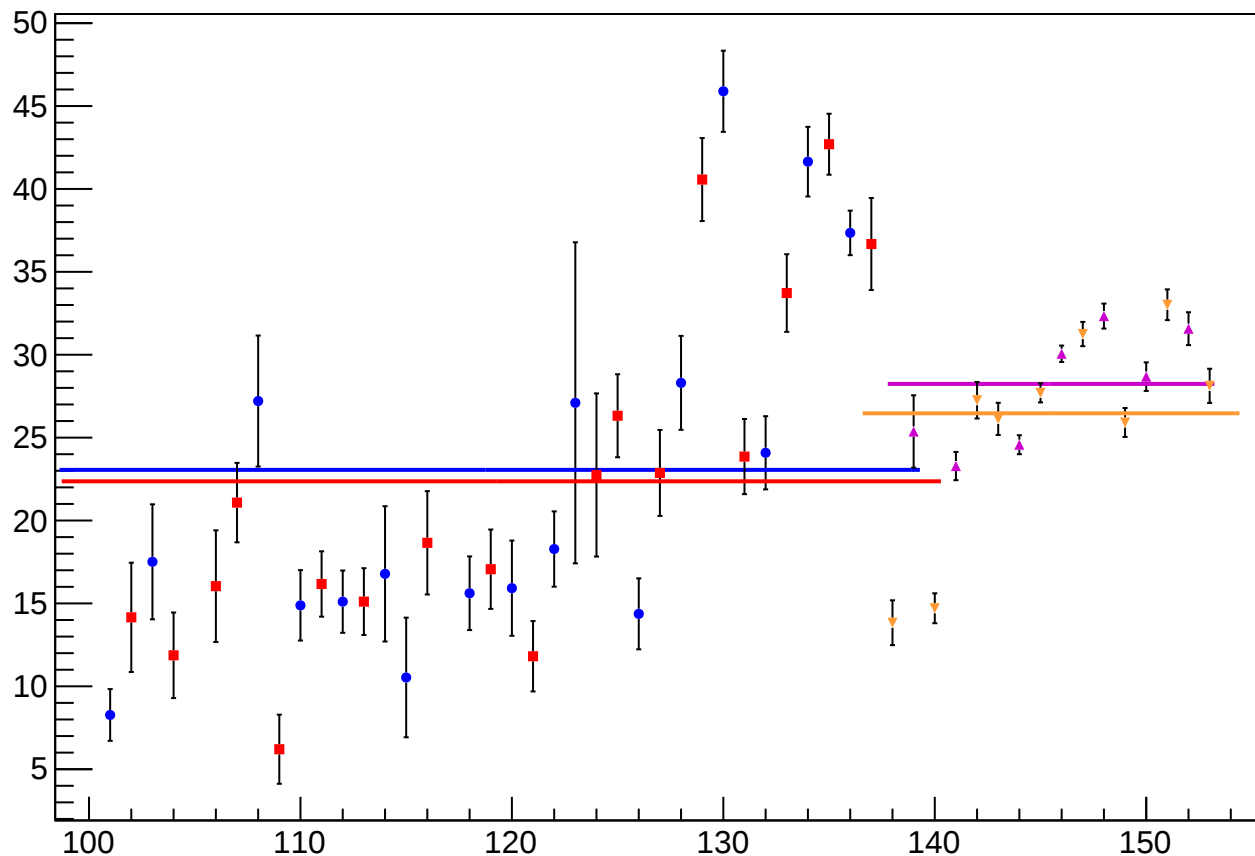
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -65.722 ± 0.316 χ^2/NDF : 3581.4/23

Out: -67.966 ± 0.325 χ^2/NDF : 3122.0/26

All: -66.813 ± 0.226 χ^2/NDF : 6727.9/50

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 $\chi^2/\text{NDF}: 461.1/16$

Left Out: 26.469 ± 0.289 $\chi^2/\text{NDF}: 357.6/8$

Right Out: 22.365 ± 0.573 $\chi^2/\text{NDF}: 368.8/17$

Left In: 28.239 ± 0.279 $\chi^2/\text{NDF}: 131.0/6$

Left: 27.386 ± 0.201 $\chi^2/\text{NDF}: 508.0/15$

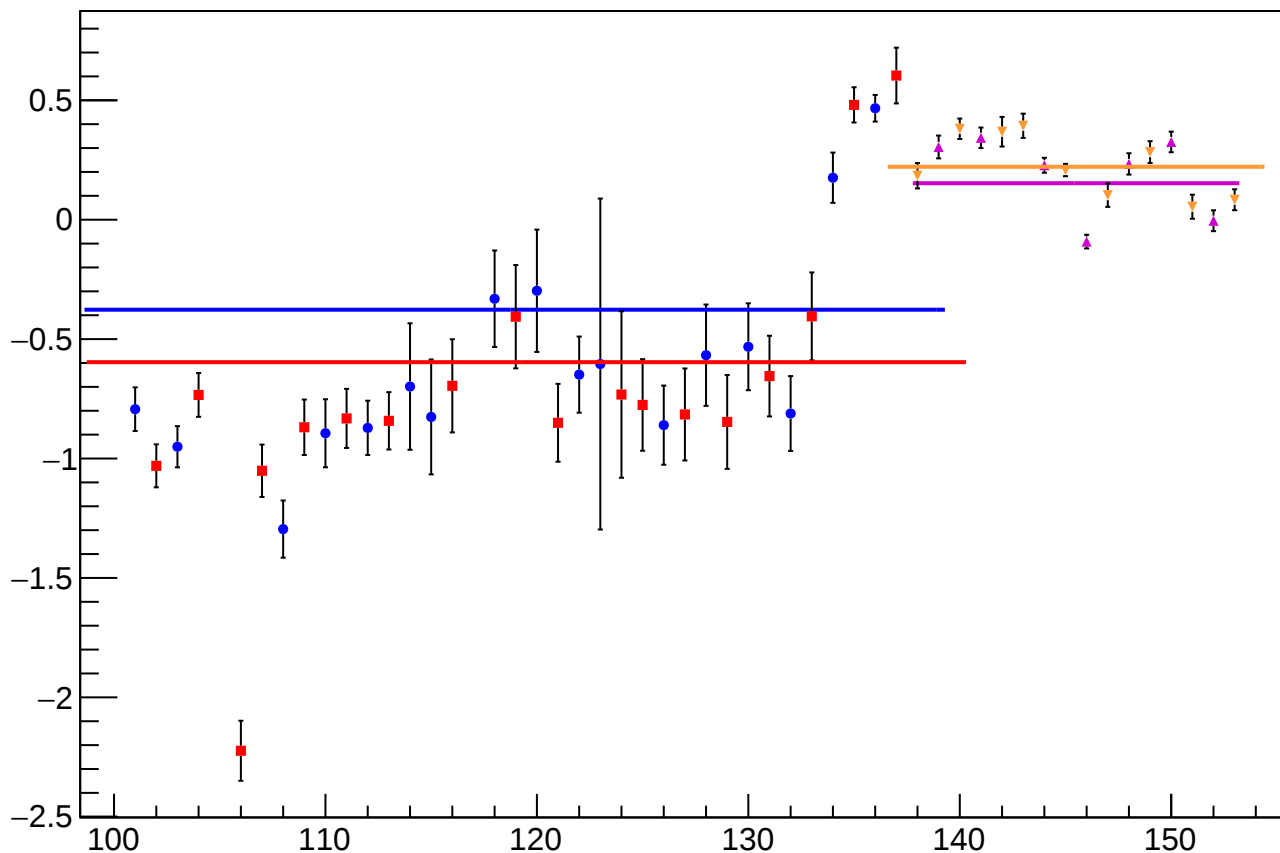
Right: 22.720 ± 0.399 $\chi^2/\text{NDF}: 830.6/34$

In: 27.199 ± 0.250 $\chi^2/\text{NDF}: 661.3/23$

Out: 25.635 ± 0.258 $\chi^2/\text{NDF}: 767.3/26$

All: 26.443 ± 0.179 $\chi^2/\text{NDF}: 1447.6/50$

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: 0.222 ± 0.014 $\chi^2/\text{NDF}: 60.1/8$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.153 ± 0.014 $\chi^2/\text{NDF}: 140.5/6$

Left: 0.187 ± 0.010 $\chi^2/\text{NDF}: 212.0/15$

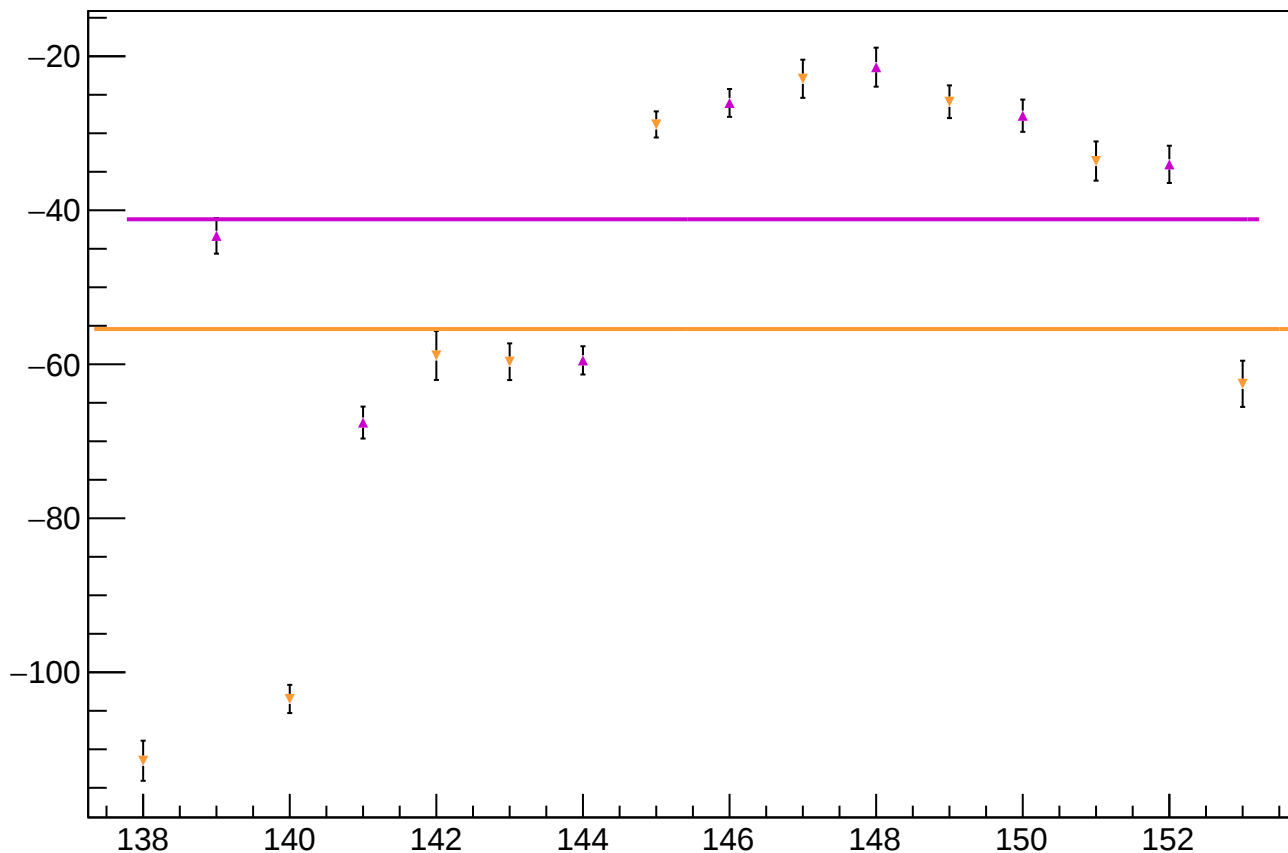
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.054 ± 0.013 $\chi^2/\text{NDF}: 829.4/23$

Out: 0.071 ± 0.013 $\chi^2/\text{NDF}: 1208.8/26$

All: 0.062 ± 0.009 $\chi^2/\text{NDF}: 2039.2/50$

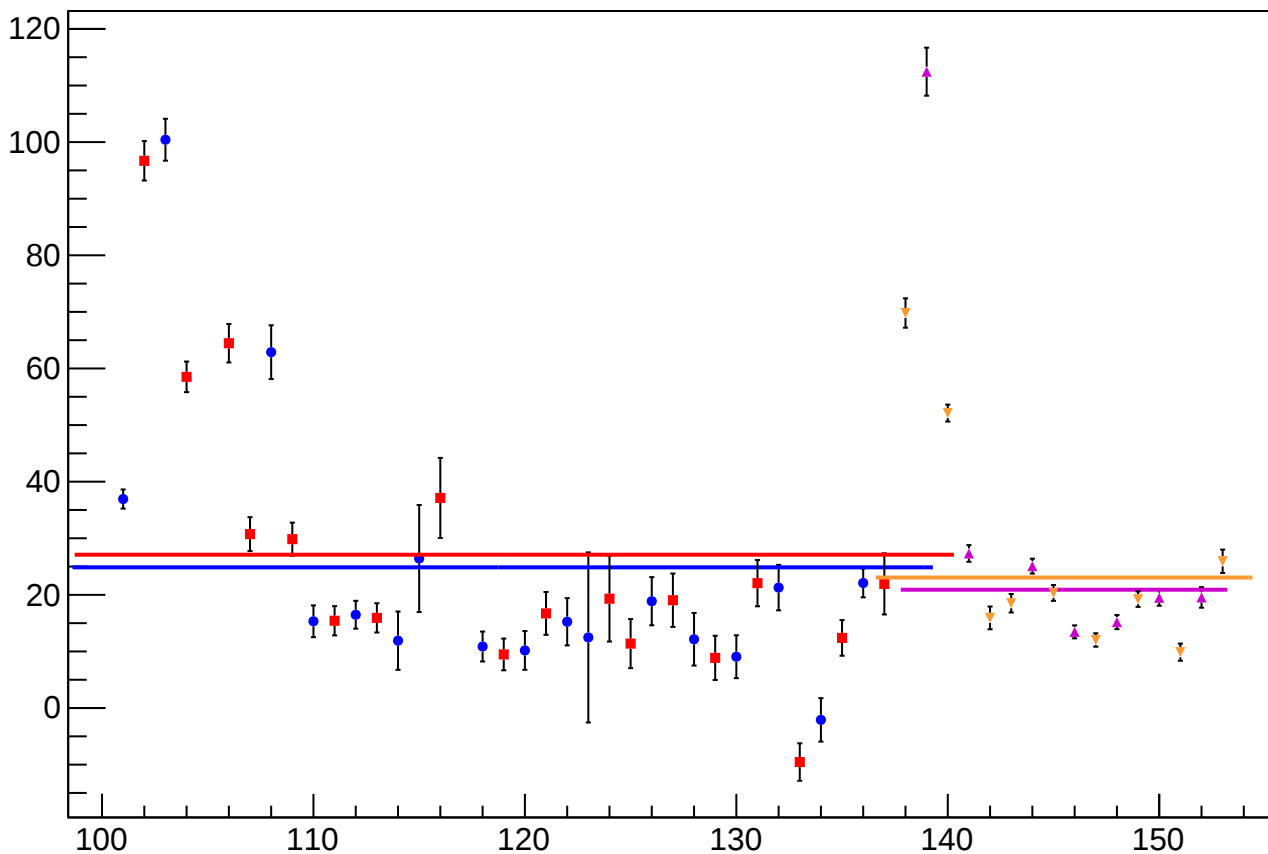
reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.171+/-0.796 χ^2/NDF :442.9/6

Left: -48.603+/-0.551 χ^2/NDF : 2454.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -41.171+/-0.796 χ^2/NDF :442.9/6
 Out: -55.422+/-0.763 χ^2/NDF :1844.9/8
 All: -48.603+/-0.551 χ^2/NDF : 2454.8/15

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 ± 0.802 χ^2/NDF : 691.0/16

Left Out: 23.065 ± 0.524 χ^2/NDF : 897.6/8

Right Out: 27.093 ± 0.812 χ^2/NDF : 930.9/17

Left In: 20.908 ± 0.551 χ^2/NDF : 559.0/6

Left: 22.041 ± 0.379 χ^2/NDF : 1464.7/15

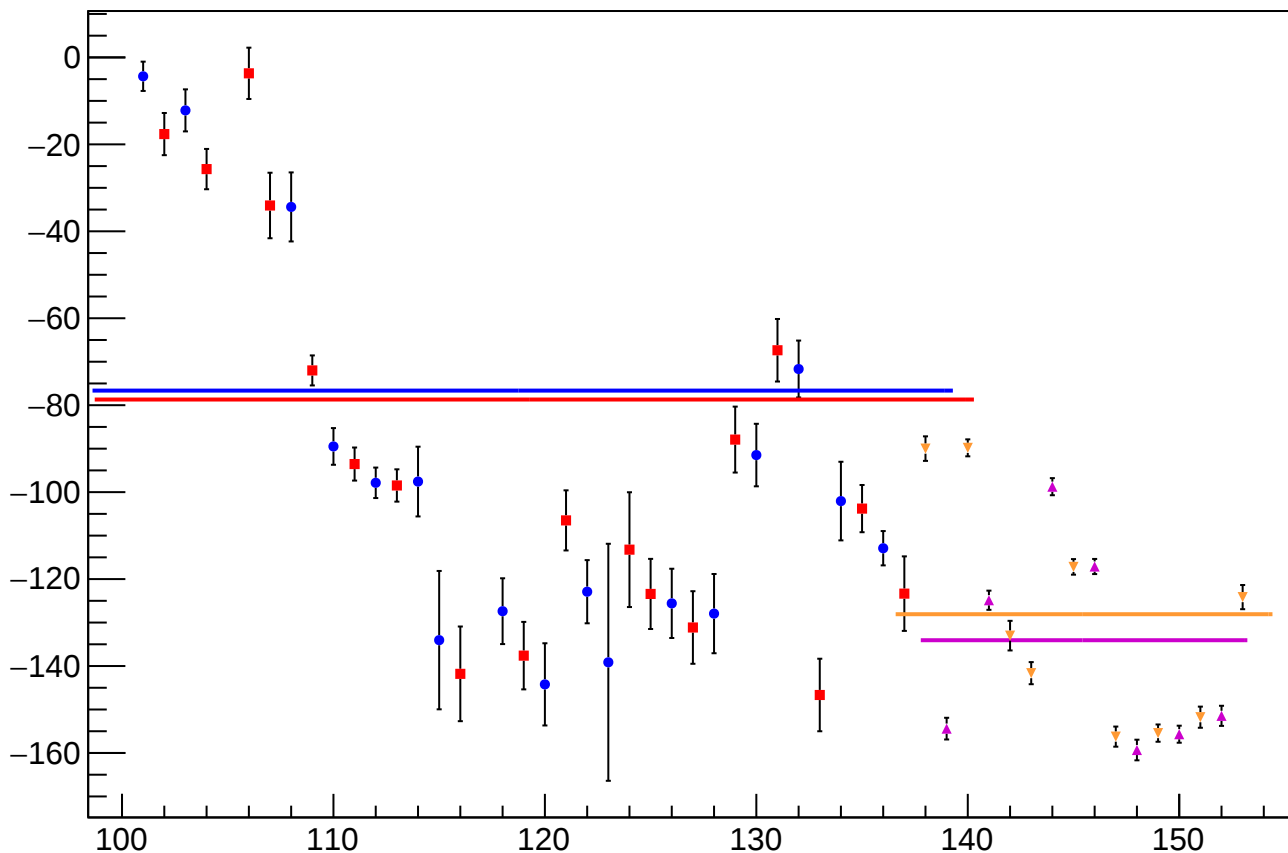
Right: 25.964 ± 0.570 χ^2/NDF : 1625.8/34

In: 22.175 ± 0.454 χ^2/NDF : 1266.6/23

Out: 24.248 ± 0.440 χ^2/NDF : 1845.9/26

All: 23.244 ± 0.316 χ^2/NDF : 3123.2/50

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: -128.081 ± 0.772 $\chi^2/\text{NDF}: 1068.5/8$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -134.064 ± 0.796 $\chi^2/\text{NDF}: 792.8/6$

Left: -130.981 ± 0.554 $\chi^2/\text{NDF}: 1890.3/15$

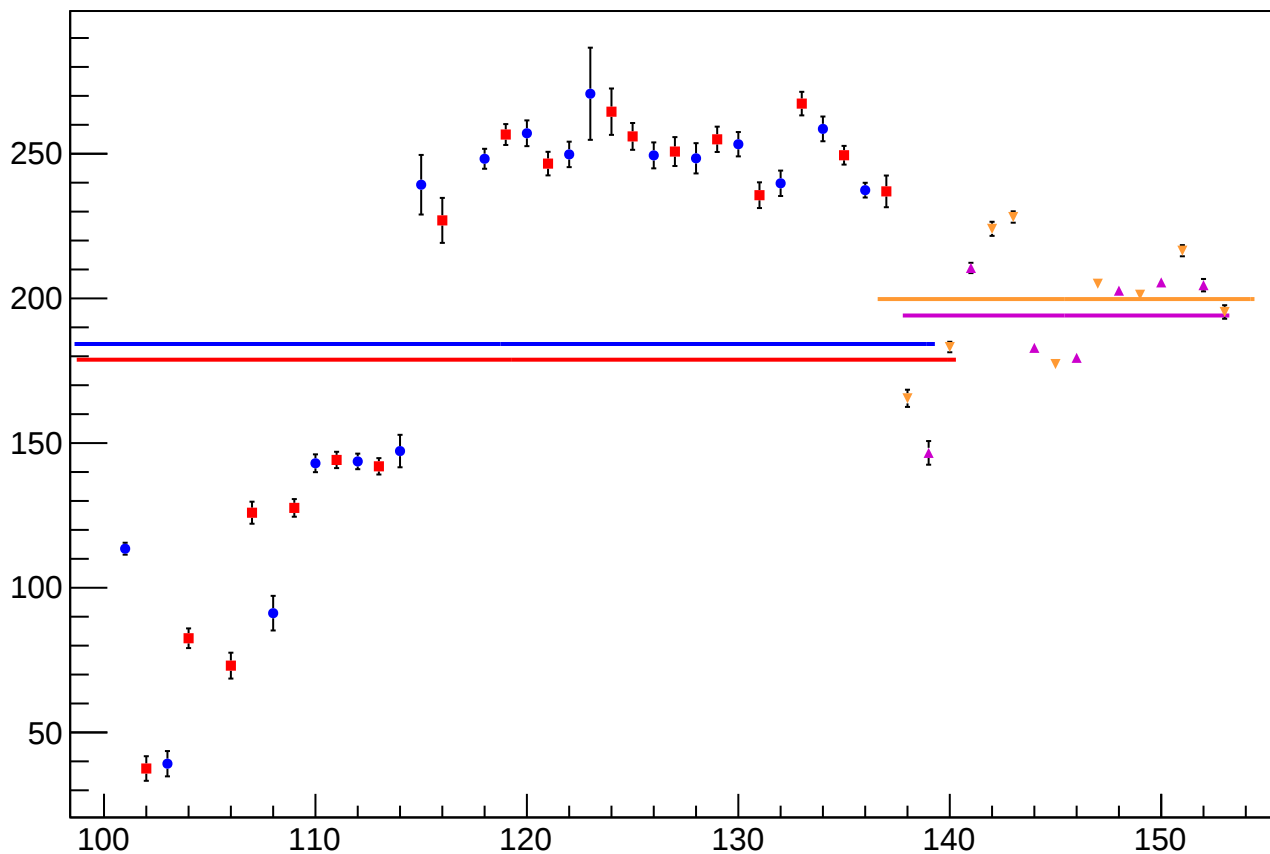
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -120.267 ± 0.693 $\chi^2/\text{NDF}: 3085.0/23$

Out: -116.050 ± 0.671 $\chi^2/\text{NDF}: 2902.5/26$

All: -118.090 ± 0.482 $\chi^2/\text{NDF}: 6006.6/50$

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: 199.775 $\pm$ 0.641 χ^2 /NDF: 810.1/8

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 194.092 $\pm$ 0.674 χ^2 /NDF: 473.5/6

Left: 197.074 $\pm$ 0.465 χ^2 /NDF: 1320.9/15

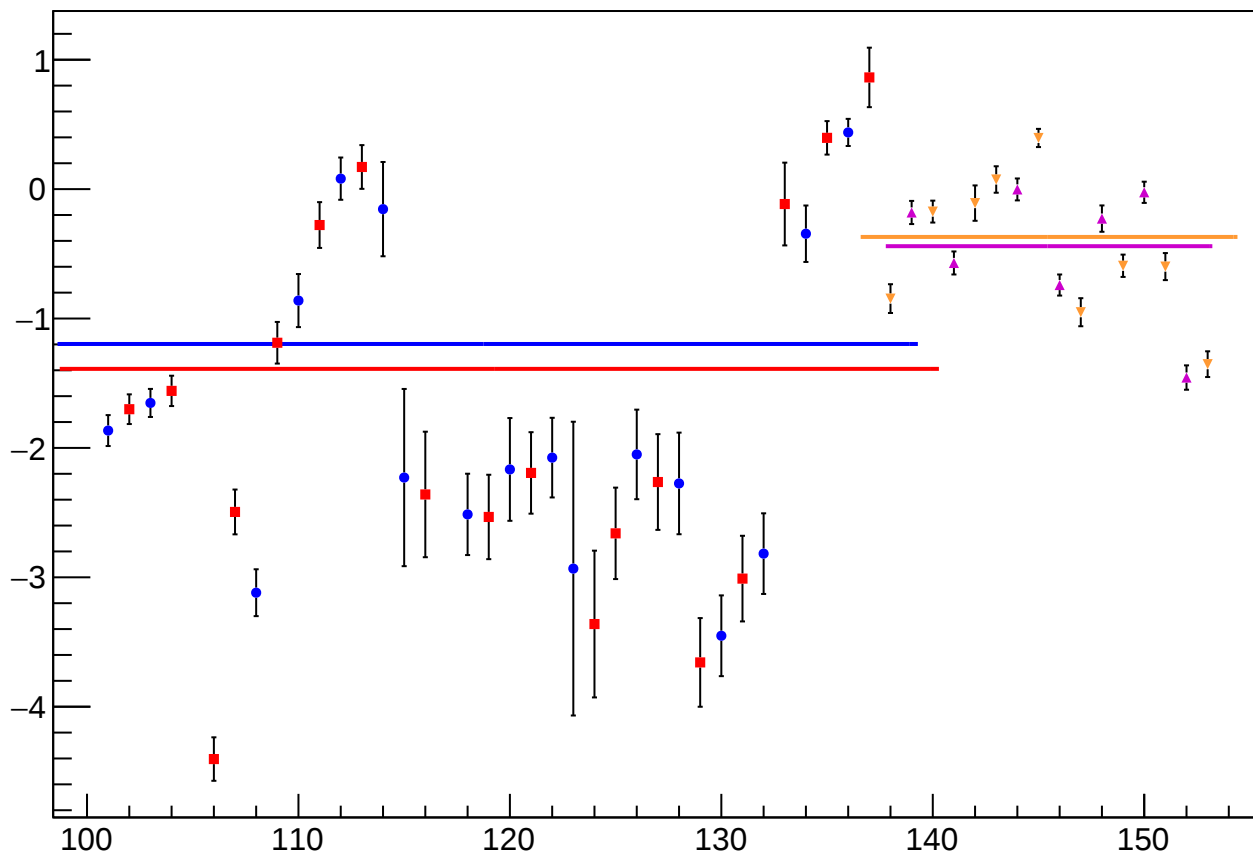
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 190.631 $\pm$ 0.543 χ^2 /NDF: 5937.2/23

Out: 192.979 $\pm$ 0.527 χ^2 /NDF: 7327.2/26

All: 191.839 $\pm$ 0.378 χ^2 /NDF: 13274.0/50

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 $\pm$ 0.048 χ^2/NDF : 621.5/16

Left Out: -0.369 $\pm$ 0.032 χ^2/NDF : 302.5/8

Right Out: -1.389 $\pm$ 0.046 χ^2/NDF : 922.2/17

Left In: -0.441 $\pm$ 0.033 χ^2/NDF : 197.4/6

Left: -0.404 $\pm$ 0.023 χ^2/NDF : 502.3/15

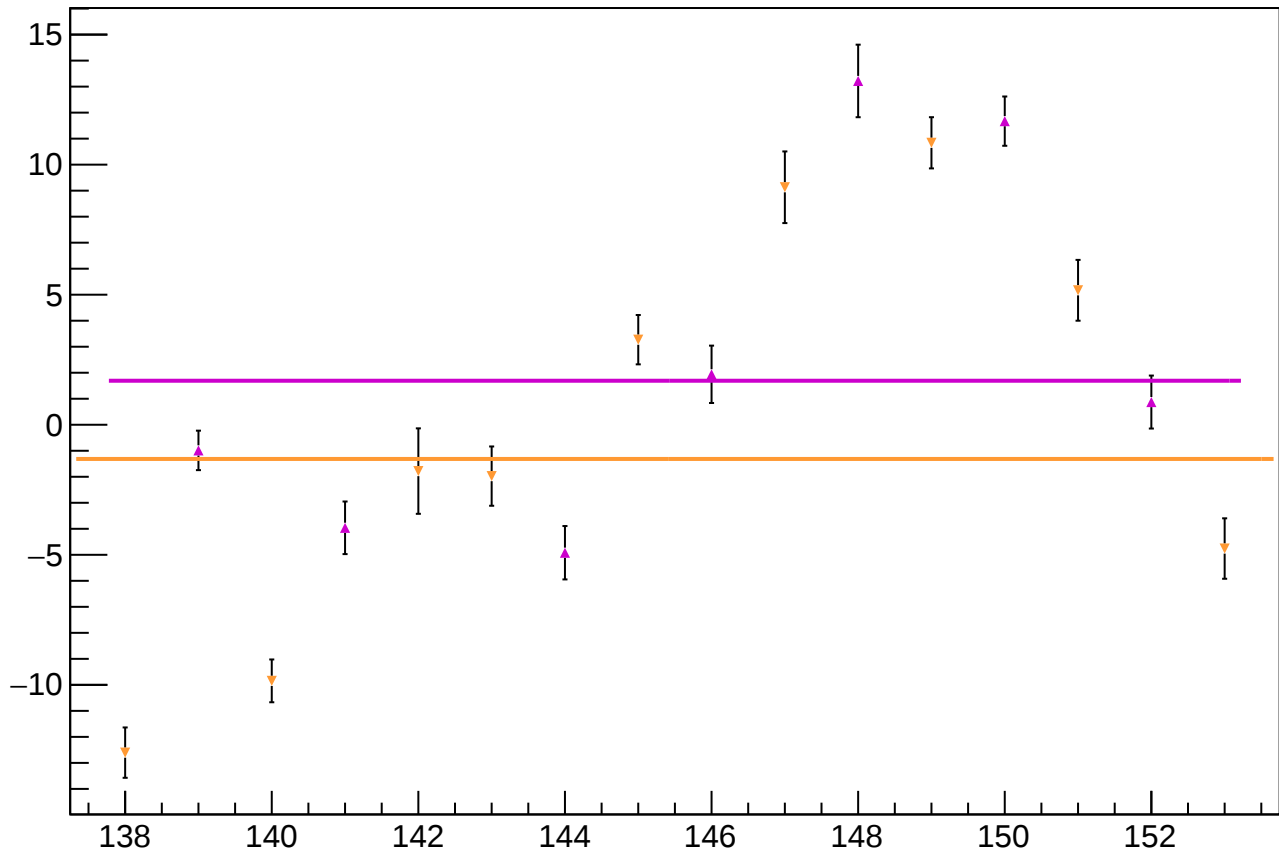
Right: -1.297 $\pm$ 0.033 χ^2/NDF : 1552.0/34

In: -0.686 $\pm$ 0.027 χ^2/NDF : 985.5/23

Out: -0.700 $\pm$ 0.026 χ^2/NDF : 1555.9/26

All: -0.693 $\pm$ 0.019 χ^2/NDF : 2541.6/50

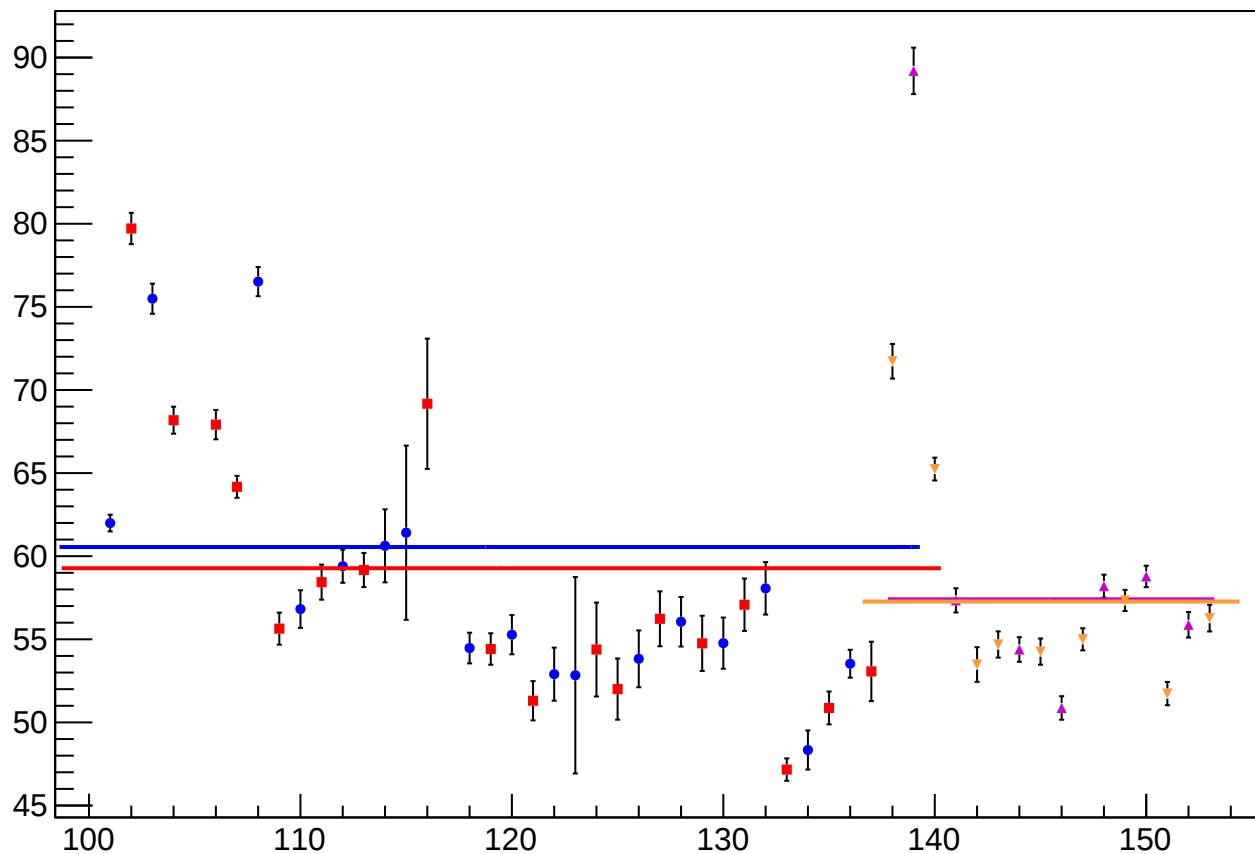
reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.315+/-0.357 χ^2/NDF : 517.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.692+/-0.376 χ^2/NDF : 265.3/6

Left: 0.113+/-0.259 χ^2/NDF : 815.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.692+/-0.376 χ^2/NDF : 265.3/6
 Out: -1.315+/-0.357 χ^2/NDF : 517.0/8
 All: 0.113+/-0.259 χ^2/NDF : 815.9/15

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 57.272 ± 0.254 $\chi^2/\text{NDF}: 441.6/8$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 57.405 ± 0.284 $\chi^2/\text{NDF}: 630.4/6$

Left: 57.331 ± 0.189 $\chi^2/\text{NDF}: 1072.2/15$

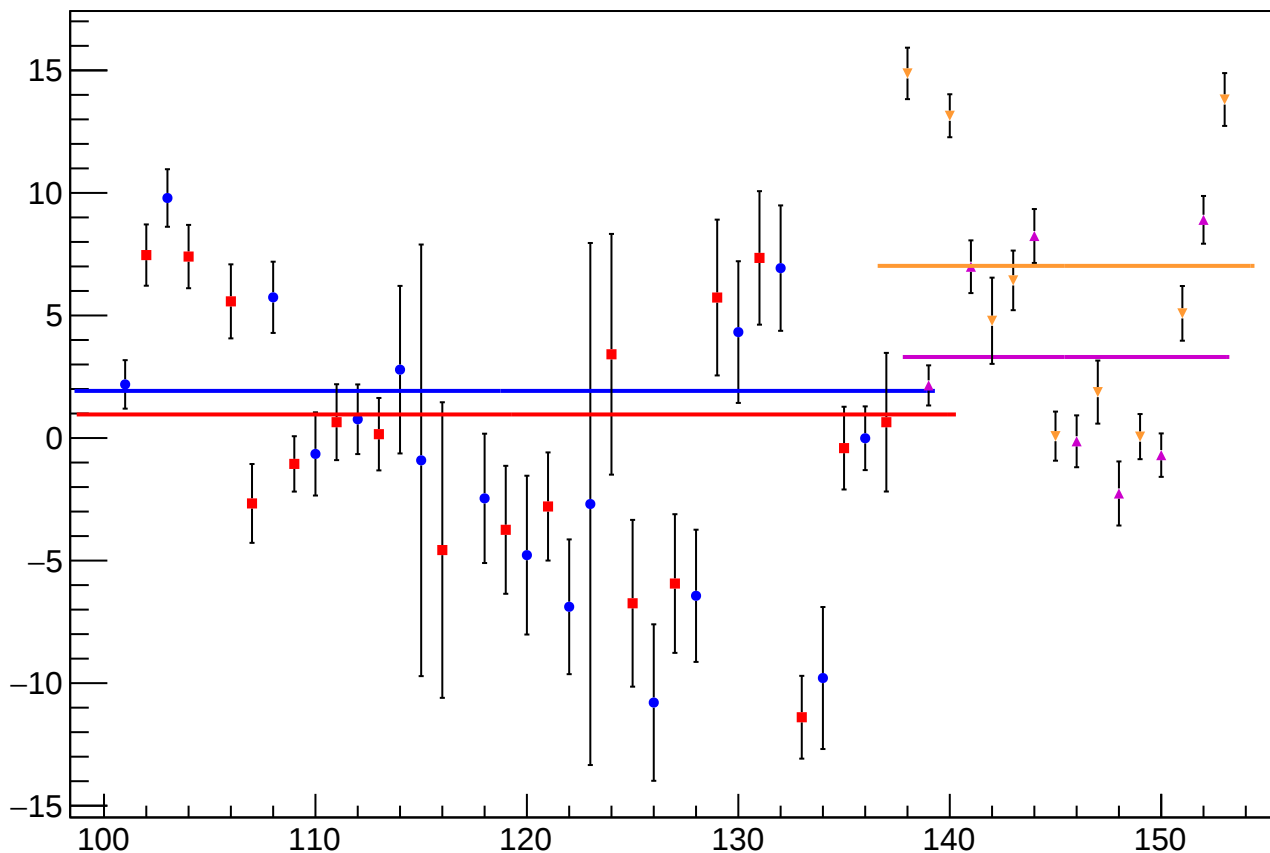
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 59.105 ± 0.192 $\chi^2/\text{NDF}: 1627.9/23$

Out: 58.295 ± 0.178 $\chi^2/\text{NDF}: 1748.2/26$

All: 58.668 ± 0.131 $\chi^2/\text{NDF}: 3385.6/50$

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.923 ± 0.458 $\chi^2/\text{NDF}: 121.1/16$

Left Out: 7.024 ± 0.361 $\chi^2/\text{NDF}: 270.6/8$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 3.307 ± 0.378 $\chi^2/\text{NDF}: 116.0/6$

Left: 5.249 ± 0.261 $\chi^2/\text{NDF}: 437.1/15$

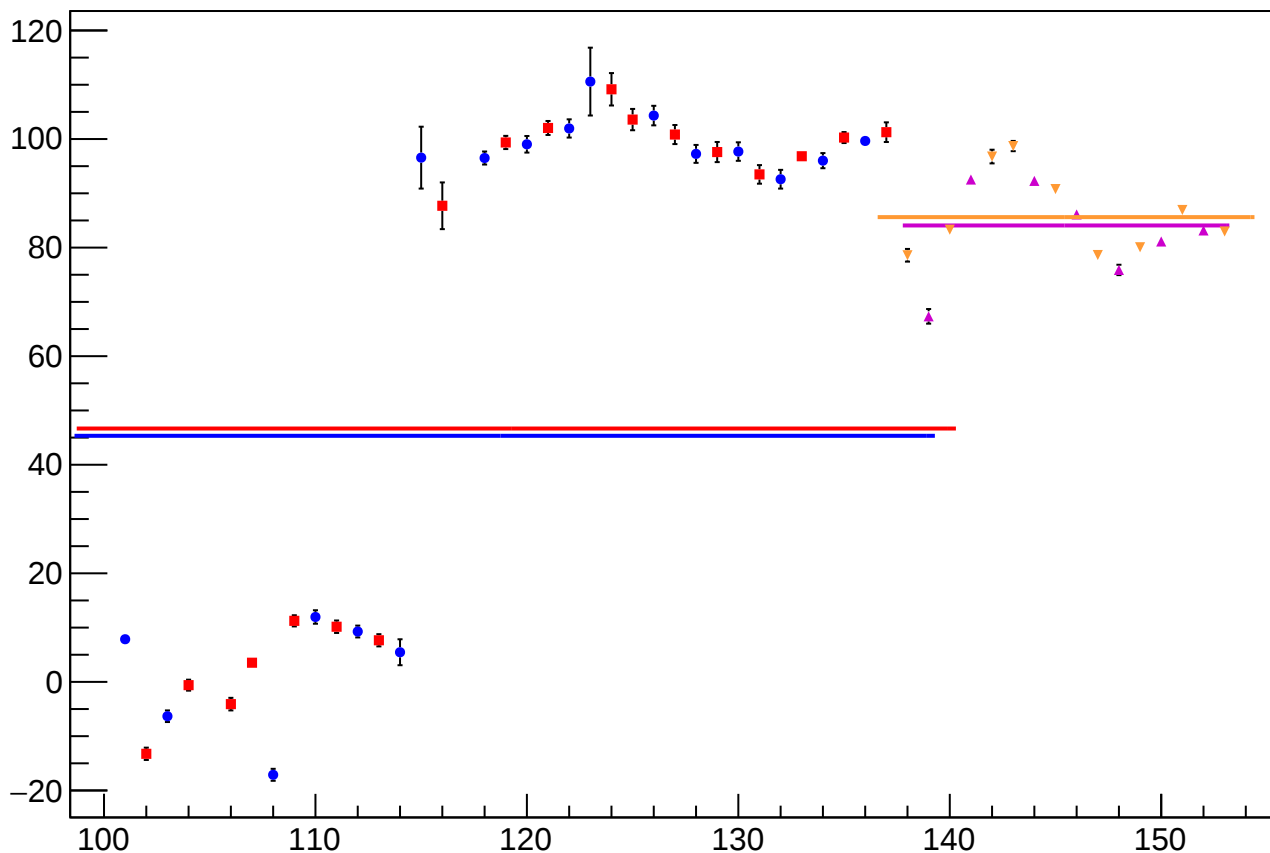
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 2.746 ± 0.292 $\chi^2/\text{NDF}: 242.5/23$

Out: 4.511 ± 0.277 $\chi^2/\text{NDF}: 537.3/26$

All: 3.676 ± 0.201 $\chi^2/\text{NDF}: 799.1/50$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 85.615+/-0.308 χ^2/NDF : 469.5/8

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 84.078+/-0.341 χ^2/NDF : 433.2/6

Left: 84.924+/-0.228 χ^2/NDF : 913.9/15

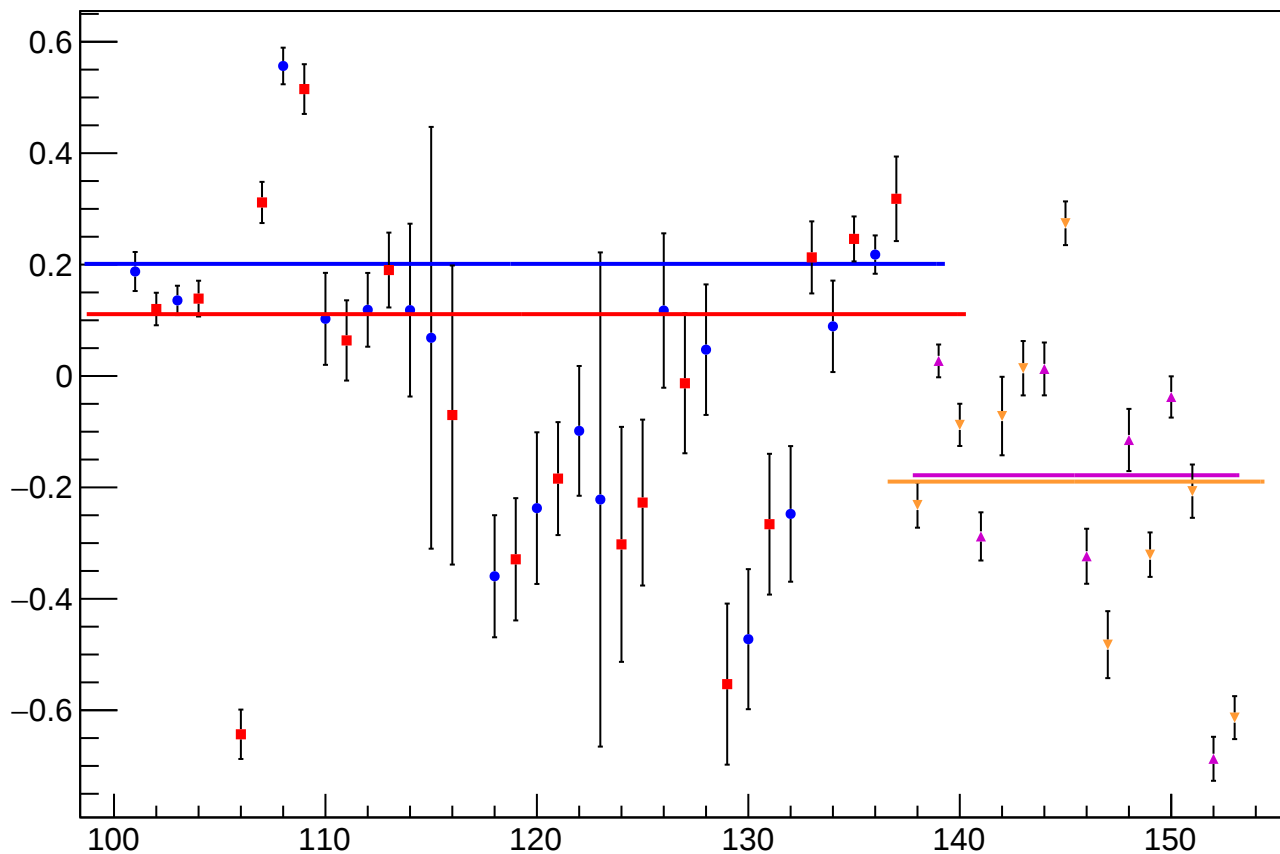
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 62.479+/-0.227 χ^2/NDF : 32648.9/23

Out: 65.039+/-0.211 χ^2/NDF : 36826.0/26

All: 63.849+/-0.155 χ^2/NDF : 69543.1/50

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.190 ± 0.015 χ^2/NDF : 323.5/8

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.178 ± 0.015 χ^2/NDF : 261.8/6

Left: -0.184 ± 0.011 χ^2/NDF : 585.6/15

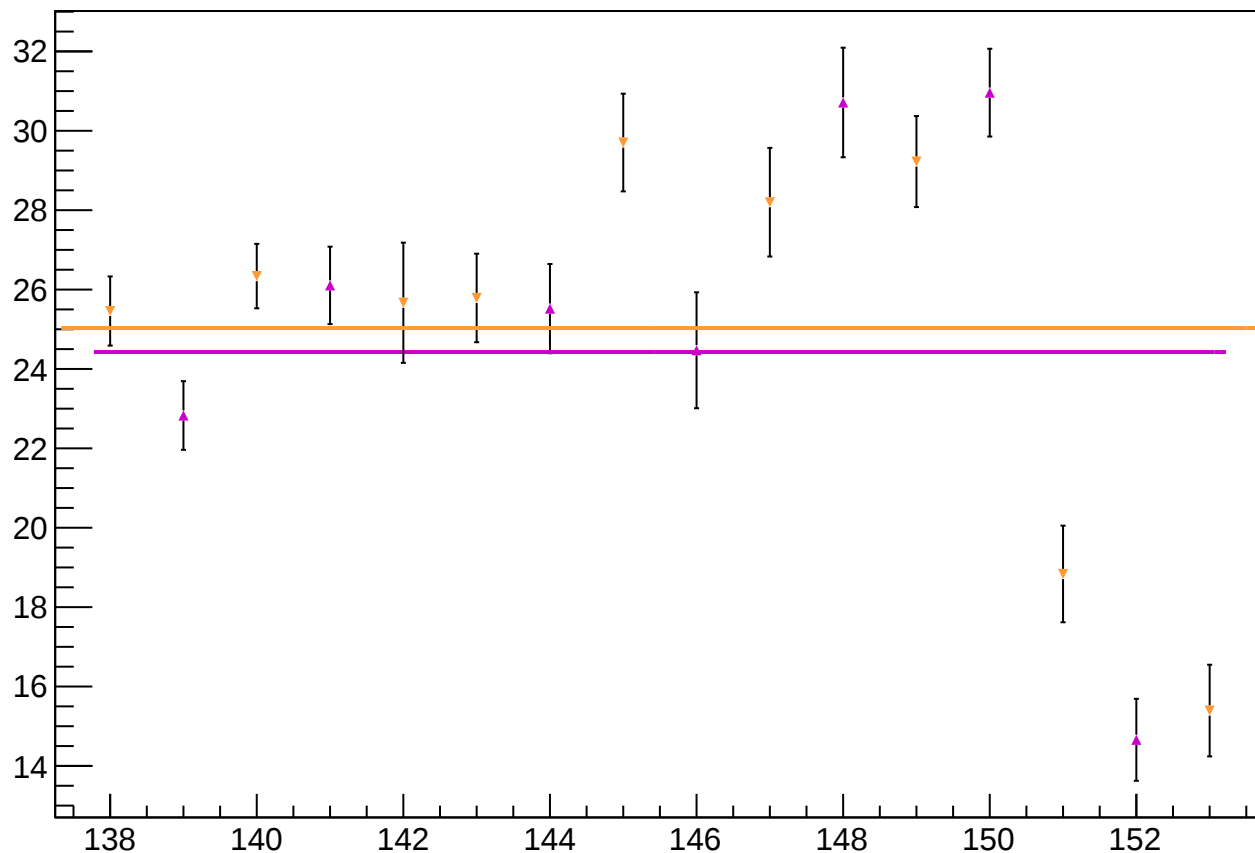
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: 0.029 ± 0.010 χ^2/NDF : 811.3/23

Out: -0.022 ± 0.010 χ^2/NDF : 1043.9/26

All: 0.002 ± 0.007 χ^2/NDF : 1867.8/50

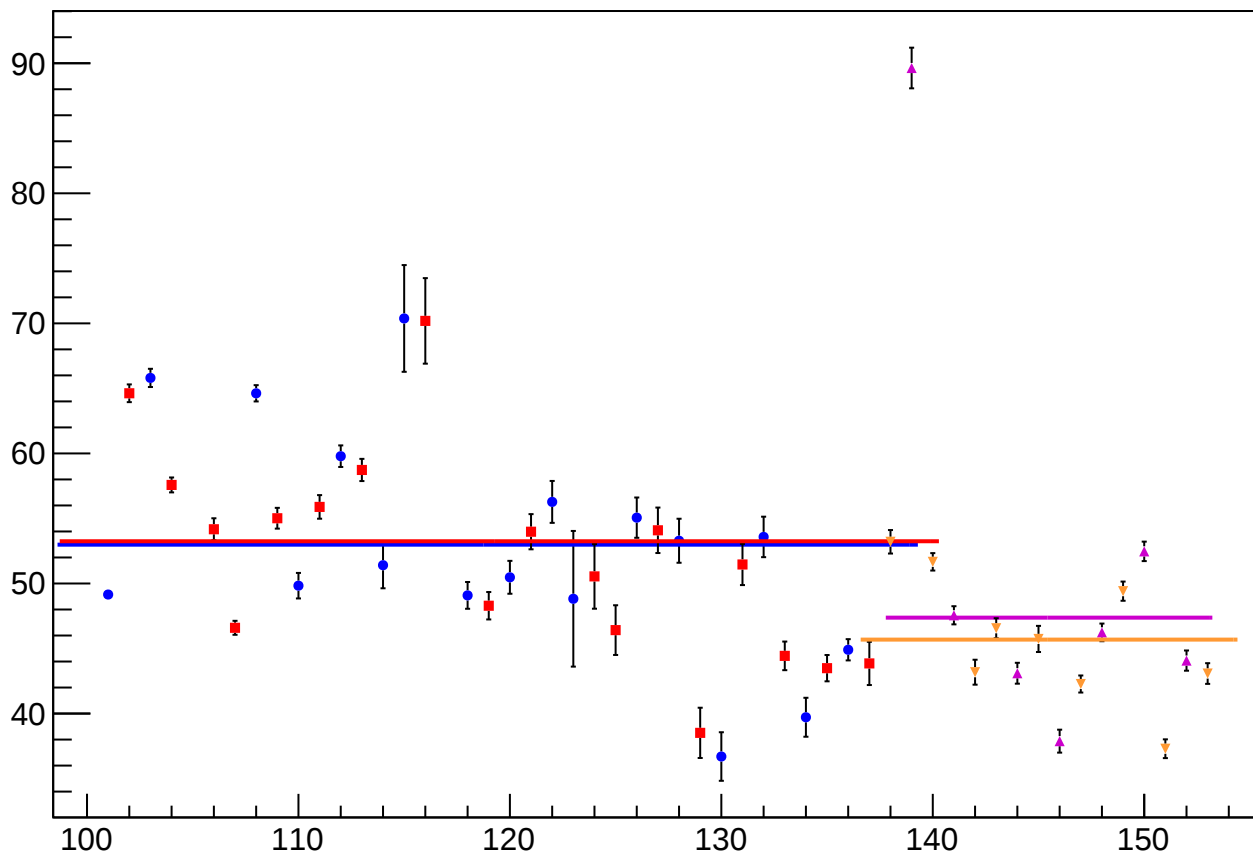
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.030+/-0.366 χ^2/NDF :132.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 24.426+/-0.411 χ^2/NDF :152.5/6

Left: 24.763+/-0.273 χ^2/NDF : 285.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 24.426+/-0.411 χ^2/NDF :152.5/6
 Out: 25.030+/-0.366 χ^2/NDF :132.2/8
 All: 24.763+/-0.273 χ^2/NDF : 285.9/15

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: 45.685 $\pm$ 0.259 χ^2 /NDF: 355.6/8

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 47.374 $\pm$ 0.303 χ^2 /NDF: 942.3/6

Left: 46.400 $\pm$ 0.197 χ^2 /NDF: 1315.9/15

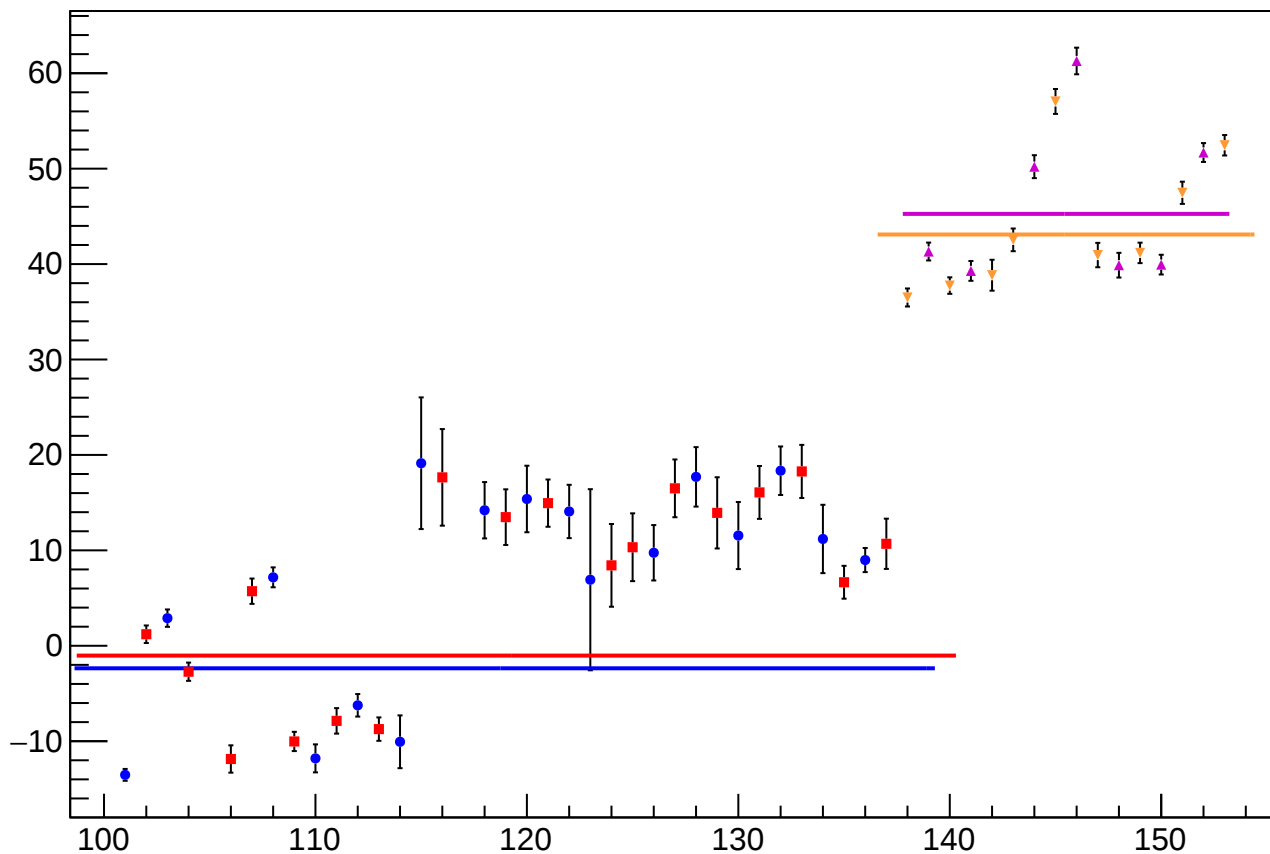
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 51.158 $\pm$ 0.173 χ^2 /NDF: 2372.0/23

Out: 49.959 $\pm$ 0.171 χ^2 /NDF: 1693.0/26

All: 50.552 $\pm$ 0.121 χ^2 /NDF: 4089.4/50

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 $\chi^2/\text{NDF}: 837.7/16$

Left Out: 43.099 ± 0.372 $\chi^2/\text{NDF}: 304.8/8$

Right Out: -1.028 ± 0.380 $\chi^2/\text{NDF}: 507.8/17$

Left In: 45.260 ± 0.414 $\chi^2/\text{NDF}: 285.8/6$

Left: 44.064 ± 0.277 $\chi^2/\text{NDF}: 605.7/15$

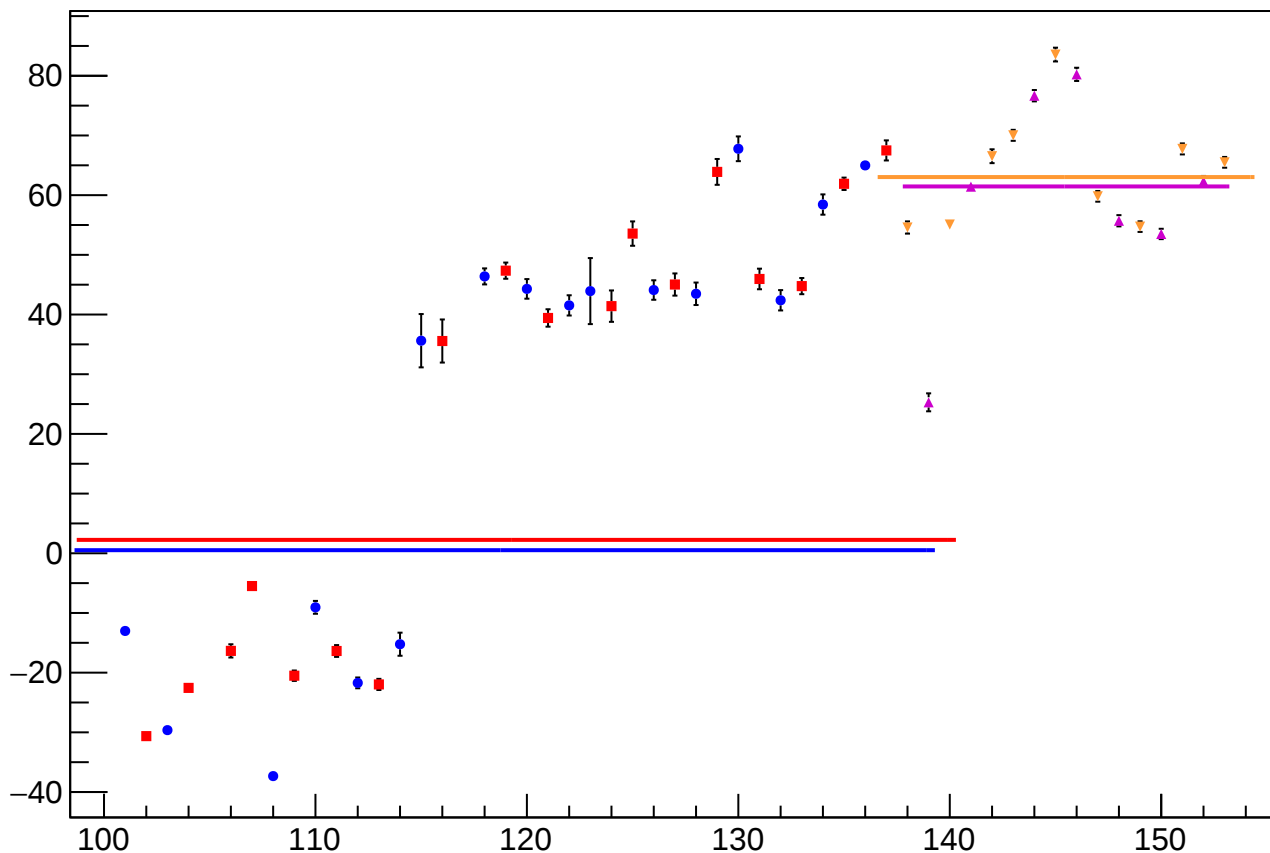
Right: -1.723 ± 0.263 $\chi^2/\text{NDF}: 1351.9/34$

In: 18.408 ± 0.273 $\chi^2/\text{NDF}: 8582.3/23$

Out: 21.515 ± 0.266 $\chi^2/\text{NDF}: 7692.5/26$

All: 20.005 ± 0.191 $\chi^2/\text{NDF}: 16341.2/50$

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 ± 0.247 $\chi^2/\text{NDF}: 18386.0/16$

Left Out: 63.032 ± 0.315 $\chi^2/\text{NDF}: 680.1/8$

Right Out: 2.246 ± 0.267 $\chi^2/\text{NDF}: 15377.0/17$

Left In: 61.460 ± 0.367 $\chi^2/\text{NDF}: 1241.6/6$

Left: 62.364 ± 0.239 $\chi^2/\text{NDF}: 1932.3/15$

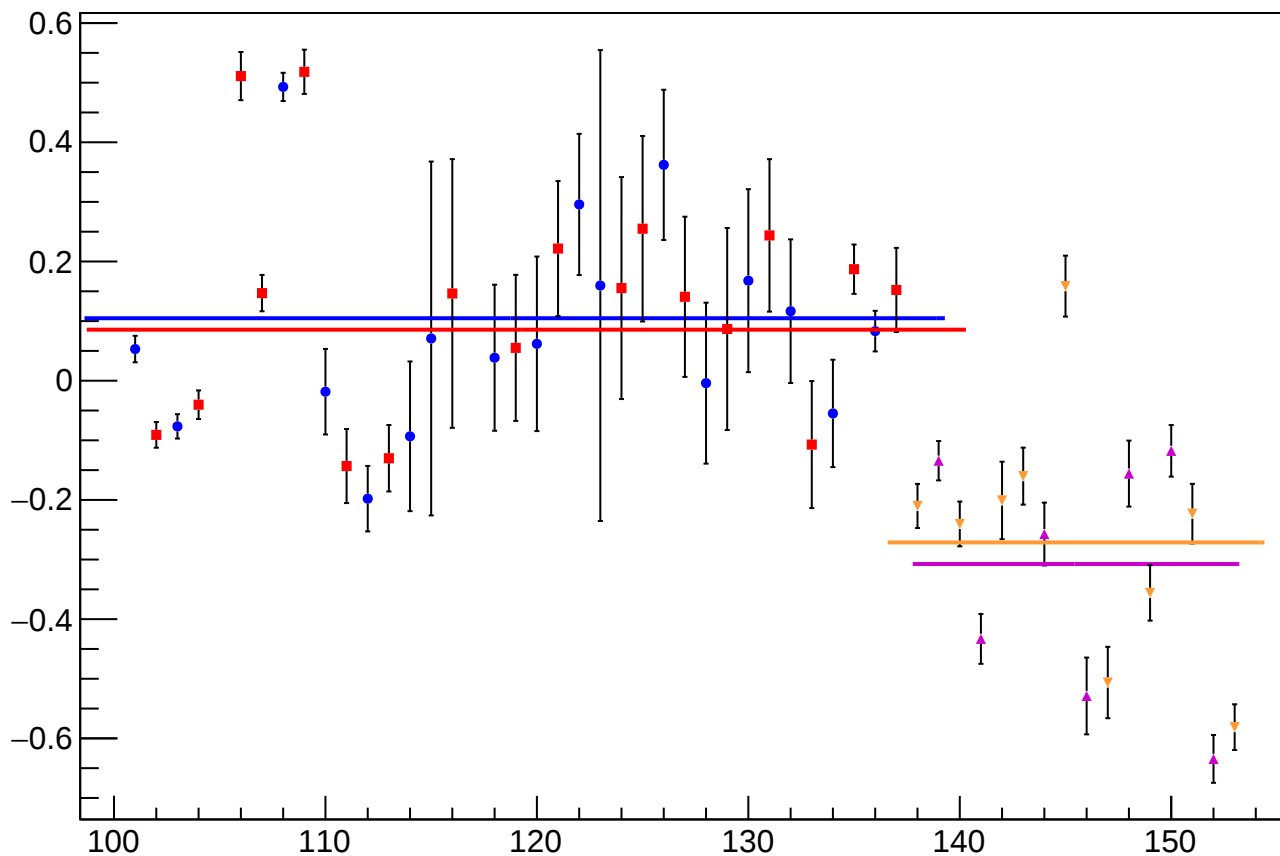
Right: 1.313 ± 0.181 $\chi^2/\text{NDF}: 33785.6/34$

In: 19.518 ± 0.205 $\chi^2/\text{NDF}: 38617.6/23$

Out: 27.661 ± 0.204 $\chi^2/\text{NDF}: 37662.0/26$

All: 23.607 ± 0.145 $\chi^2/\text{NDF}: 77073.1/50$

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 χ^2/NDF : 400.8/16

Left Out: -0.271 ± 0.015 χ^2/NDF : 165.8/8

Right Out: 0.086 ± 0.011 χ^2/NDF : 388.3/17

Left In: -0.308 ± 0.017 χ^2/NDF : 142.4/6

Left: -0.288 ± 0.011 χ^2/NDF : 310.8/15

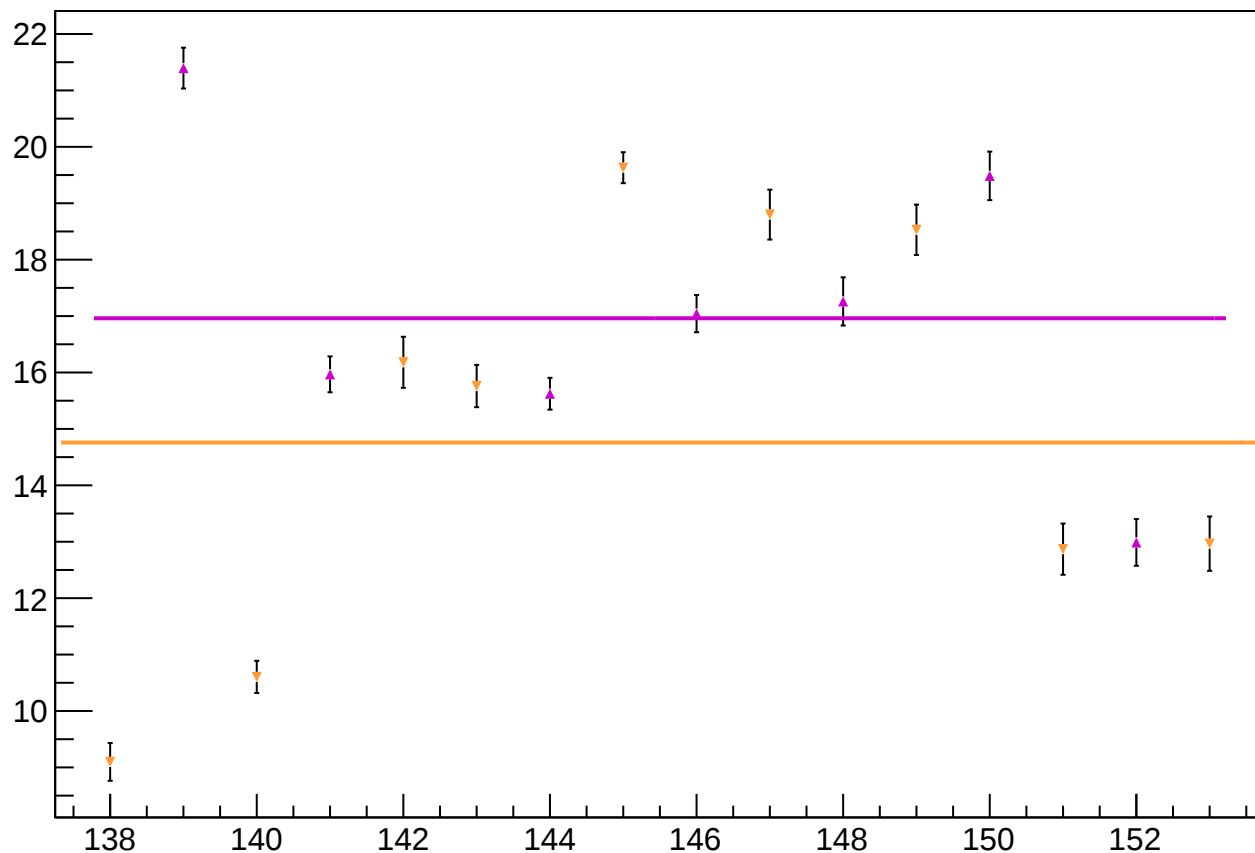
Right: 0.095 ± 0.008 χ^2/NDF : 790.6/34

In: -0.020 ± 0.009 χ^2/NDF : 966.4/23

Out: -0.038 ± 0.009 χ^2/NDF : 913.5/26

All: -0.029 ± 0.006 χ^2/NDF : 1881.9/50

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 14.759+/-0.123 χ^2/NDF :1017.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.961+/-0.134 χ^2/NDF :309.4/6

Left: 15.772+/-0.091 χ^2/NDF : 1473.4/15

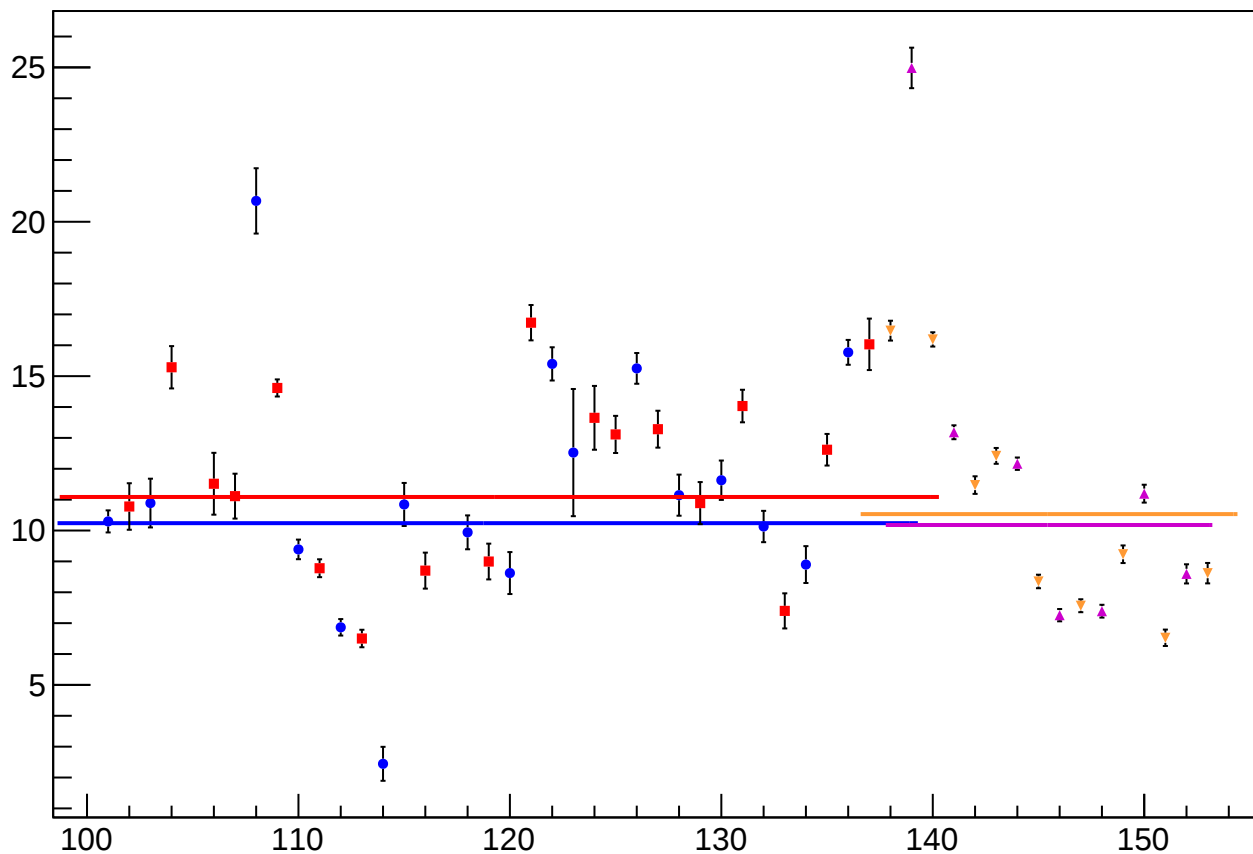
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.961+/-0.134 χ^2/NDF :309.4/6

Out: 14.759+/-0.123 χ^2/NDF :1017.2/8

All: 15.772+/-0.091 χ^2/NDF : 1473.4/15

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238+/-0.119 χ^2/NDF : 867.4/16

Left Out: 10.532+/-0.086 χ^2/NDF :1585.2/8

Right Out: 11.087+/-0.116 χ^2/NDF : 801.0/17

Left In: 10.179+/-0.092 χ^2/NDF :1219.6/6

Left: 10.368+/-0.063 χ^2/NDF : 2812.6/15

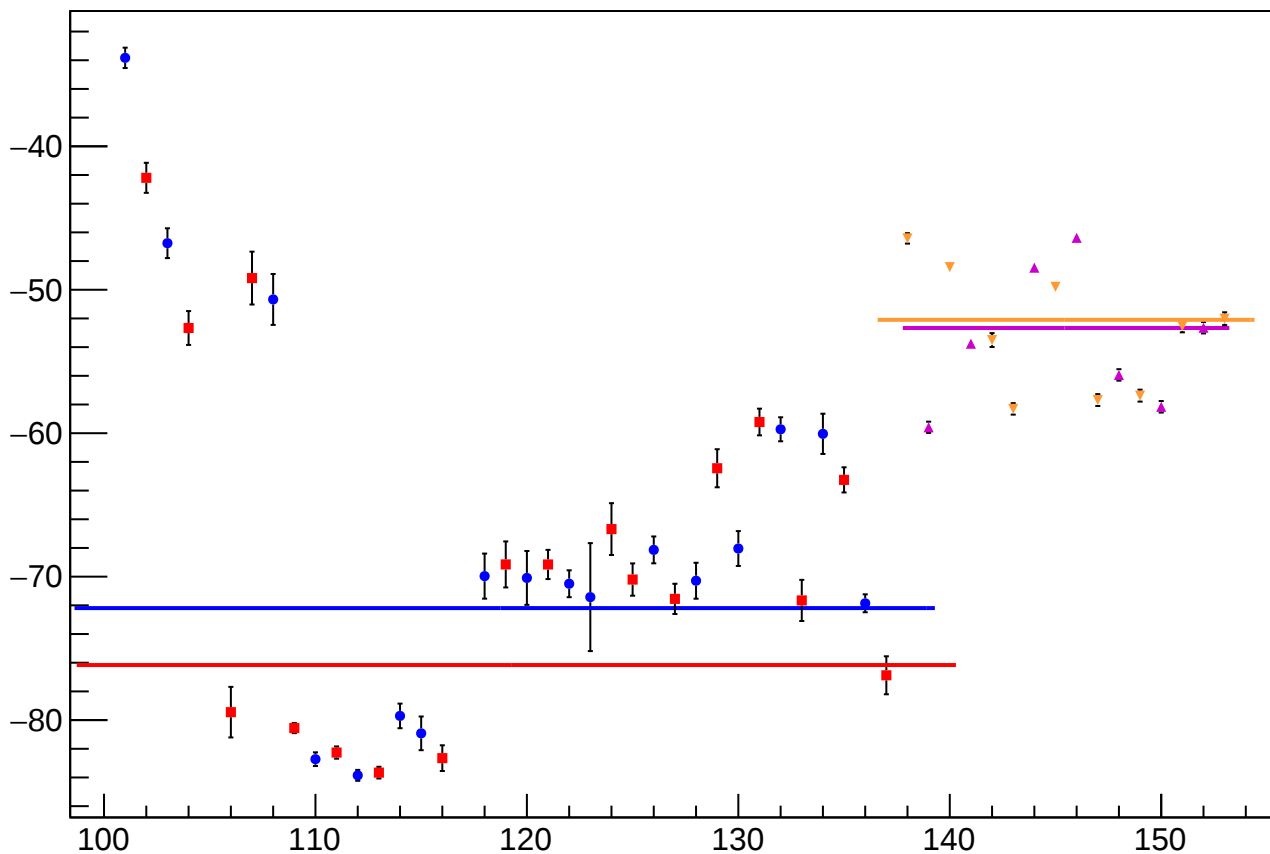
Right: 10.672+/-0.083 χ^2/NDF : 1694.4/34

In: 10.201+/-0.073 χ^2/NDF :2087.2/23

Out: 10.728+/-0.069 χ^2/NDF :2400.9/26

All: 10.478+/-0.050 χ^2/NDF : 4515.5/50

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: -52.096 ± 0.126 $\chi^2/\text{NDF}: 1047.5/8$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.667 ± 0.135 $\chi^2/\text{NDF}: 1164.3/6$

Left: -52.363 ± 0.092 $\chi^2/\text{NDF}: 2221.3/15$

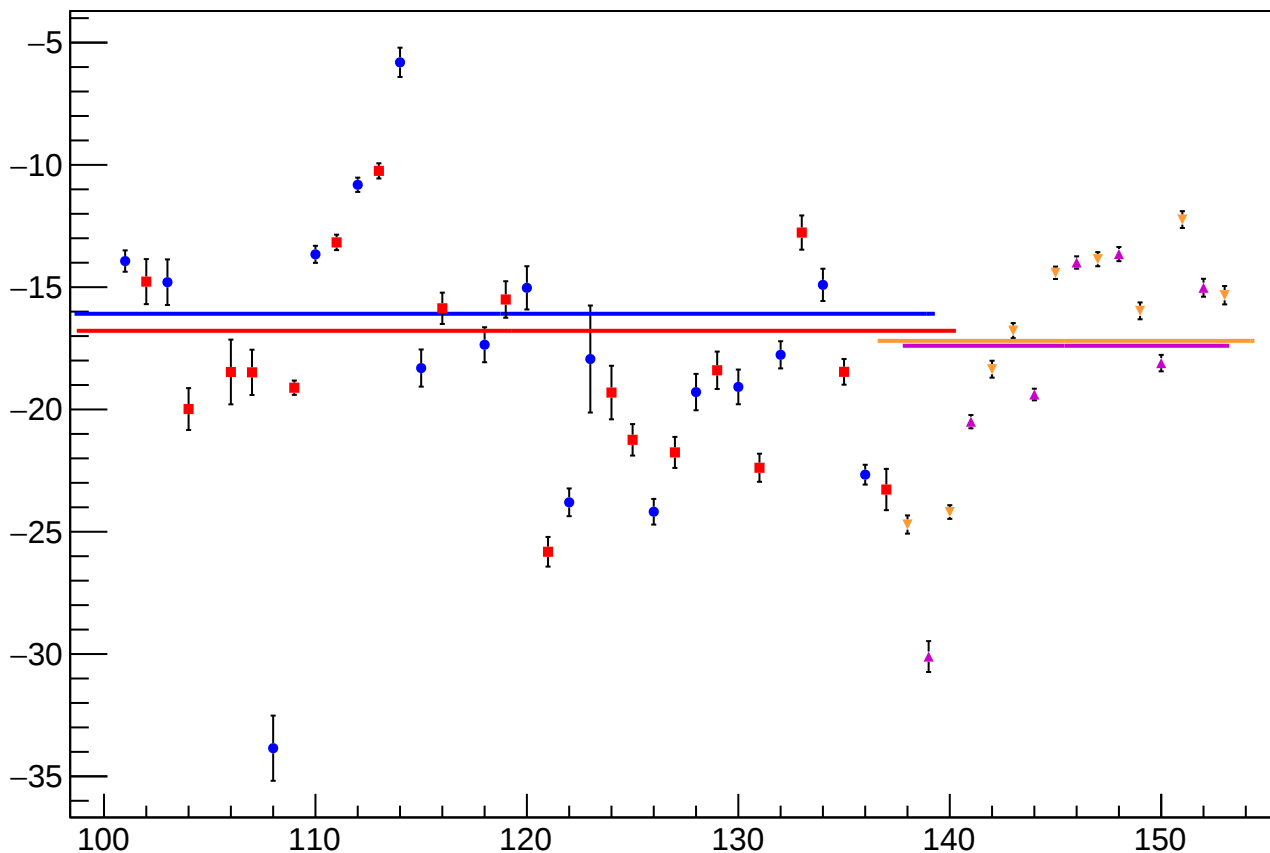
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -58.846 ± 0.111 $\chi^2/\text{NDF}: 13365.1/23$

Out: -59.975 ± 0.104 $\chi^2/\text{NDF}: 16129.8/26$

All: -59.451 ± 0.076 $\chi^2/\text{NDF}: 29550.0/50$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 χ^2/NDF : 1621.7/16

Left Out: -17.194 ± 0.105 χ^2/NDF : 1543.8/8

Right Out: -16.783 ± 0.128 χ^2/NDF : 1204.4/17

Left In: -17.396 ± 0.114 χ^2/NDF : 998.8/6

Left: -17.287 ± 0.077 χ^2/NDF : 2544.3/15

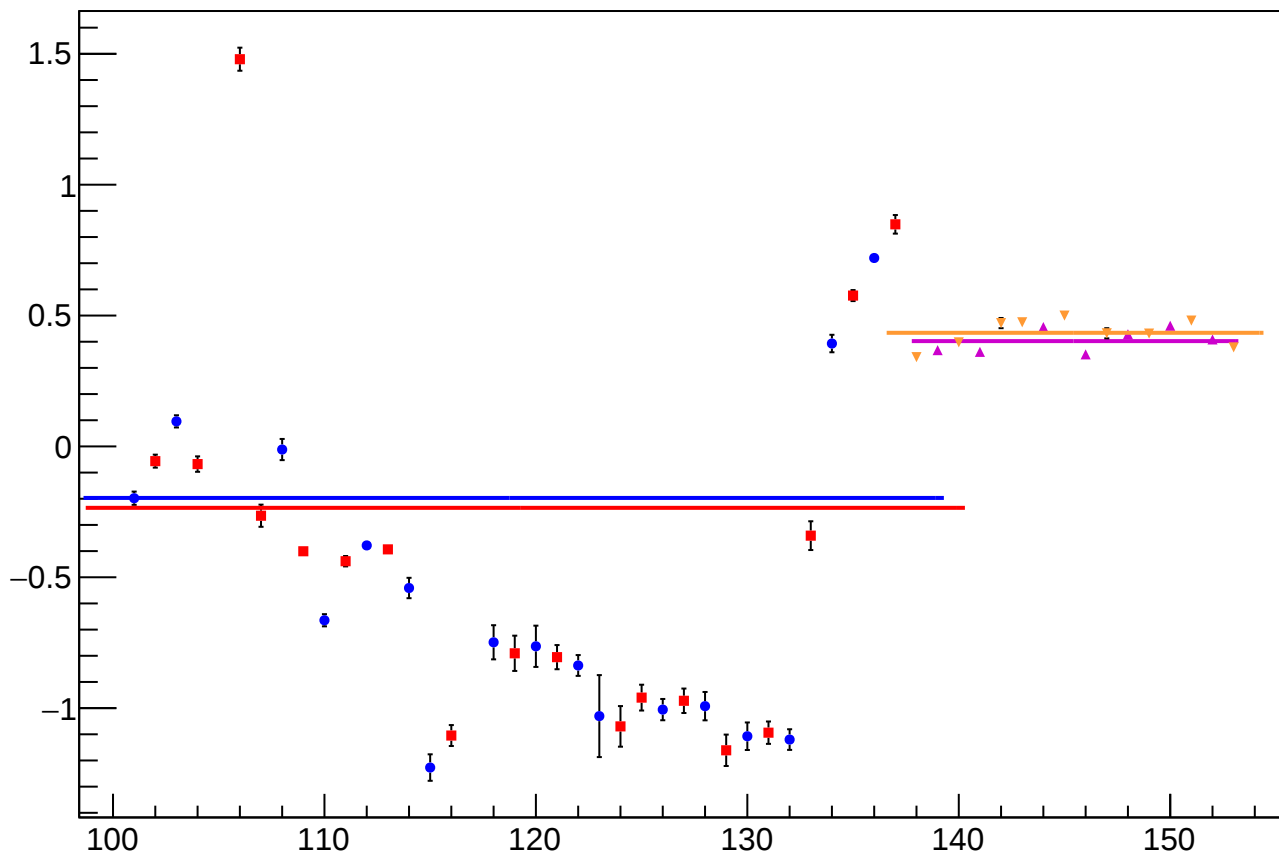
Right: -16.446 ± 0.092 χ^2/NDF : 2840.4/34

In: -16.841 ± 0.086 χ^2/NDF : 2676.8/23

Out: -17.029 ± 0.081 χ^2/NDF : 2754.4/26

All: -16.940 ± 0.059 χ^2/NDF : 5433.7/50

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.434 ± 0.005 χ^2/NDF : 110.2/8

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.402 ± 0.006 χ^2/NDF : 58.5/6

Left: 0.419 ± 0.004 χ^2/NDF : 185.9/15

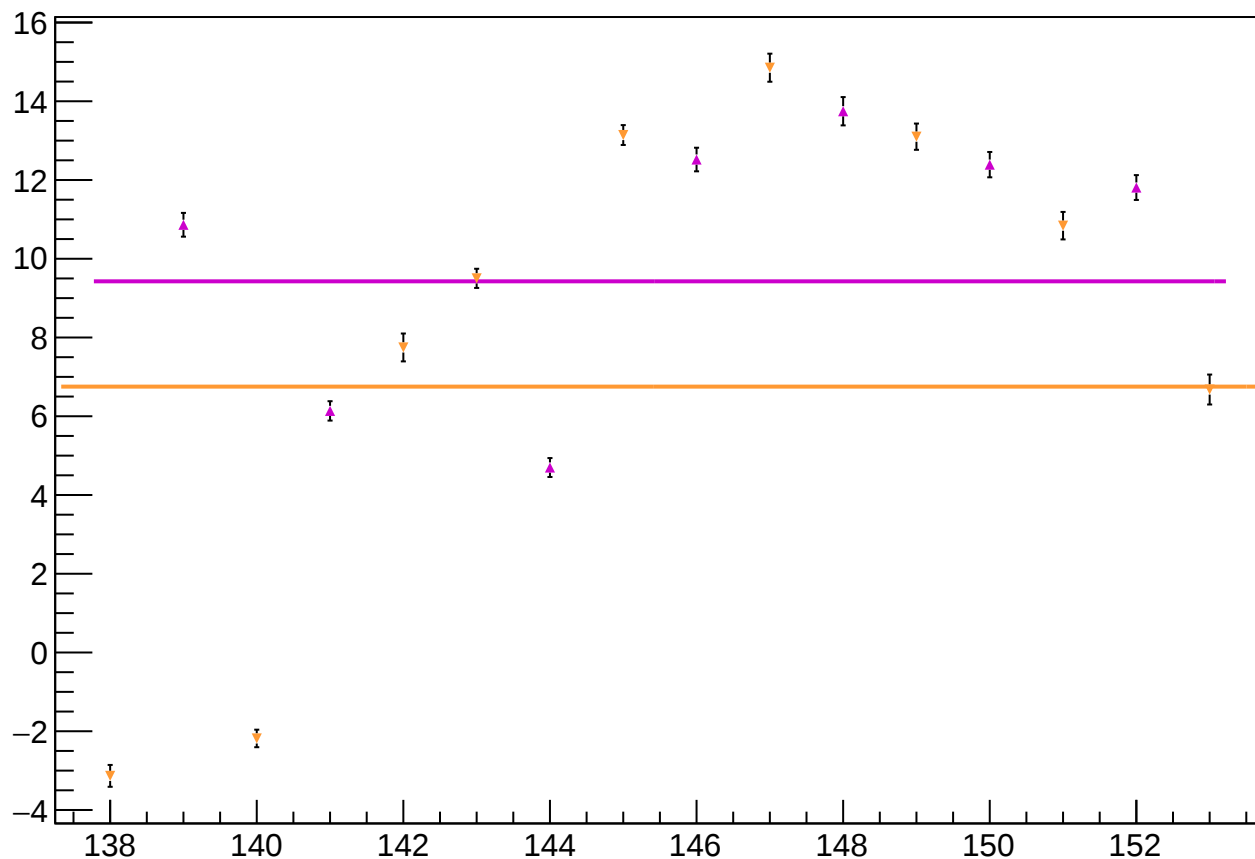
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.189 ± 0.005 χ^2/NDF : 10447.4/23

Out: 0.205 ± 0.004 χ^2/NDF : 12001.0/26

All: 0.197 ± 0.003 χ^2/NDF : 22454.8/50

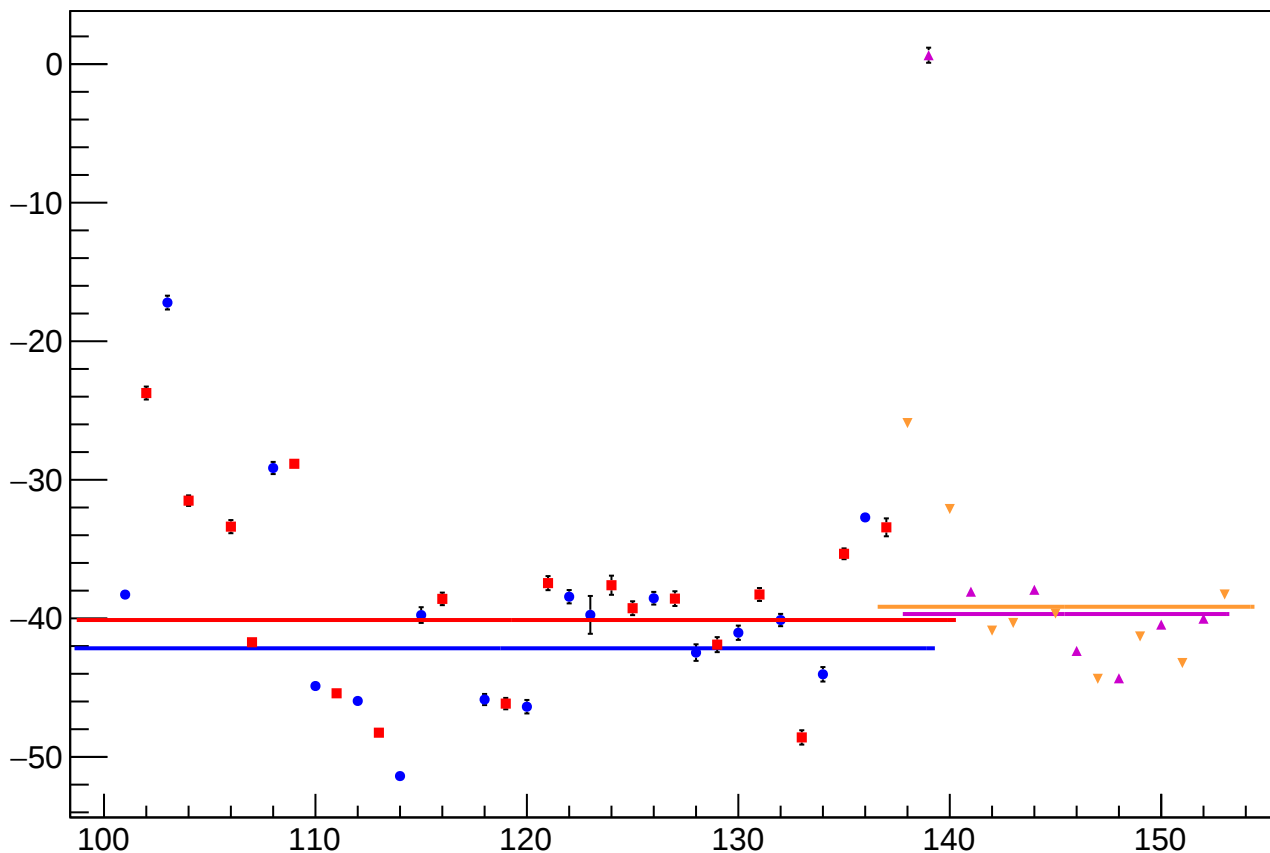
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.427+/-0.110 χ^2/NDF : 981.0/6

Left: 7.932+/-0.073 χ^2/NDF : 5984.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.427+/-0.110 χ^2/NDF : 981.0/6
 Out: 6.753+/-0.097 χ^2/NDF : 4670.3/8
 All: 7.932+/-0.073 χ^2/NDF : 5984.5/15

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.163 ± 0.068 χ^2/NDF : 5496.6/8

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -39.688 ± 0.077 χ^2/NDF : 6587.5/6

Left: -39.393 ± 0.051 χ^2/NDF : 12110.4/15

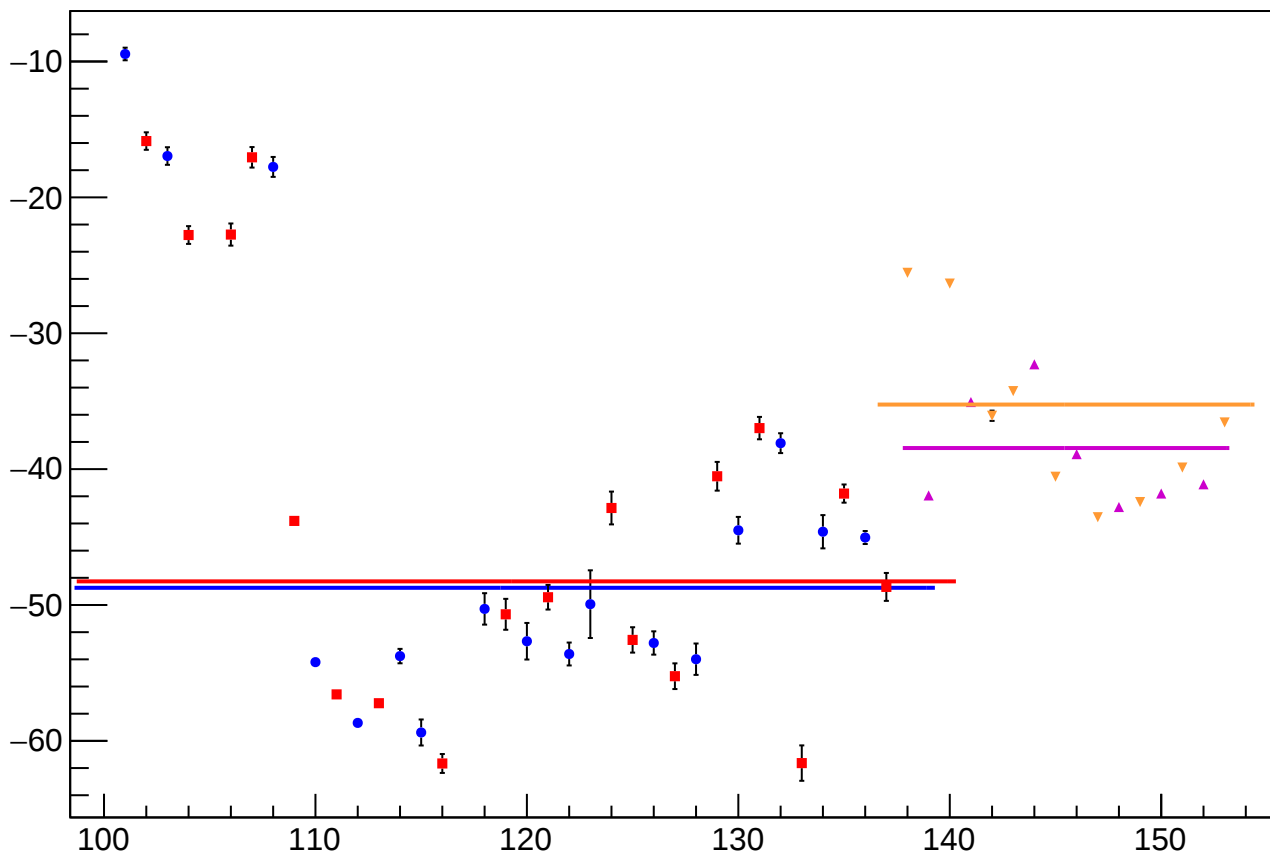
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -40.903 ± 0.055 χ^2/NDF : 13670.0/23

Out: -39.606 ± 0.050 χ^2/NDF : 16473.9/26

All: -40.191 ± 0.037 χ^2/NDF : 30453.4/50

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 $\chi^2/\text{NDF}: 14659.4/16$

Left Out: -35.248 ± 0.100 $\chi^2/\text{NDF}: 4215.4/8$

Right Out: -48.261 ± 0.107 $\chi^2/\text{NDF}: 11091.7/17$

Left In: -38.448 ± 0.110 $\chi^2/\text{NDF}: 1225.2/6$

Left: -36.683 ± 0.074 $\chi^2/\text{NDF}: 5903.6/15$

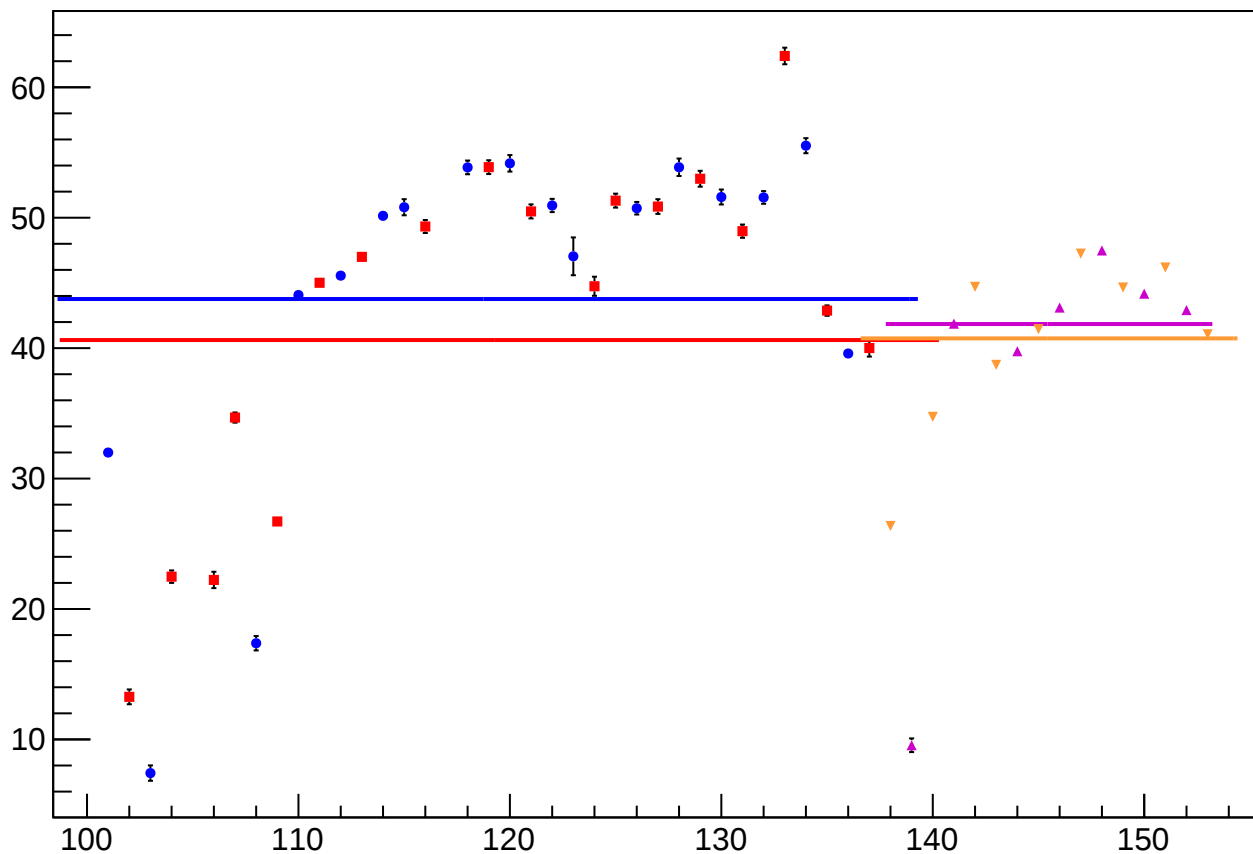
Right: -48.462 ± 0.081 $\chi^2/\text{NDF}: 25759.4/34$

In: -42.971 ± 0.083 $\chi^2/\text{NDF}: 19697.1/23$

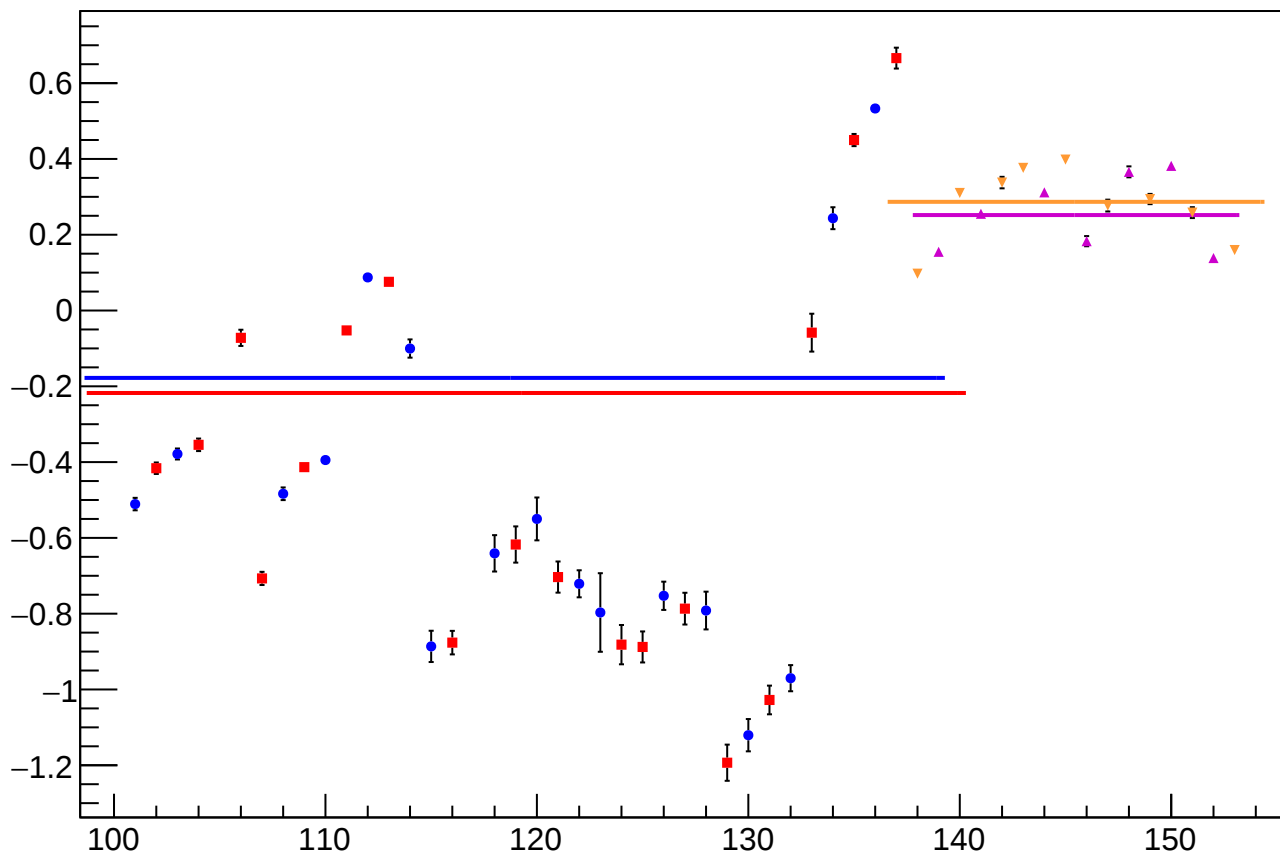
Out: -41.263 ± 0.073 $\chi^2/\text{NDF}: 23196.5/26$

All: -42.011 ± 0.055 $\chi^2/\text{NDF}: 43133.3/50$

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.287 ± 0.004 χ^2/NDF : 560.6/8

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.252 ± 0.005 χ^2/NDF : 379.3/6

Left: 0.271 ± 0.003 χ^2/NDF : 972.2/15

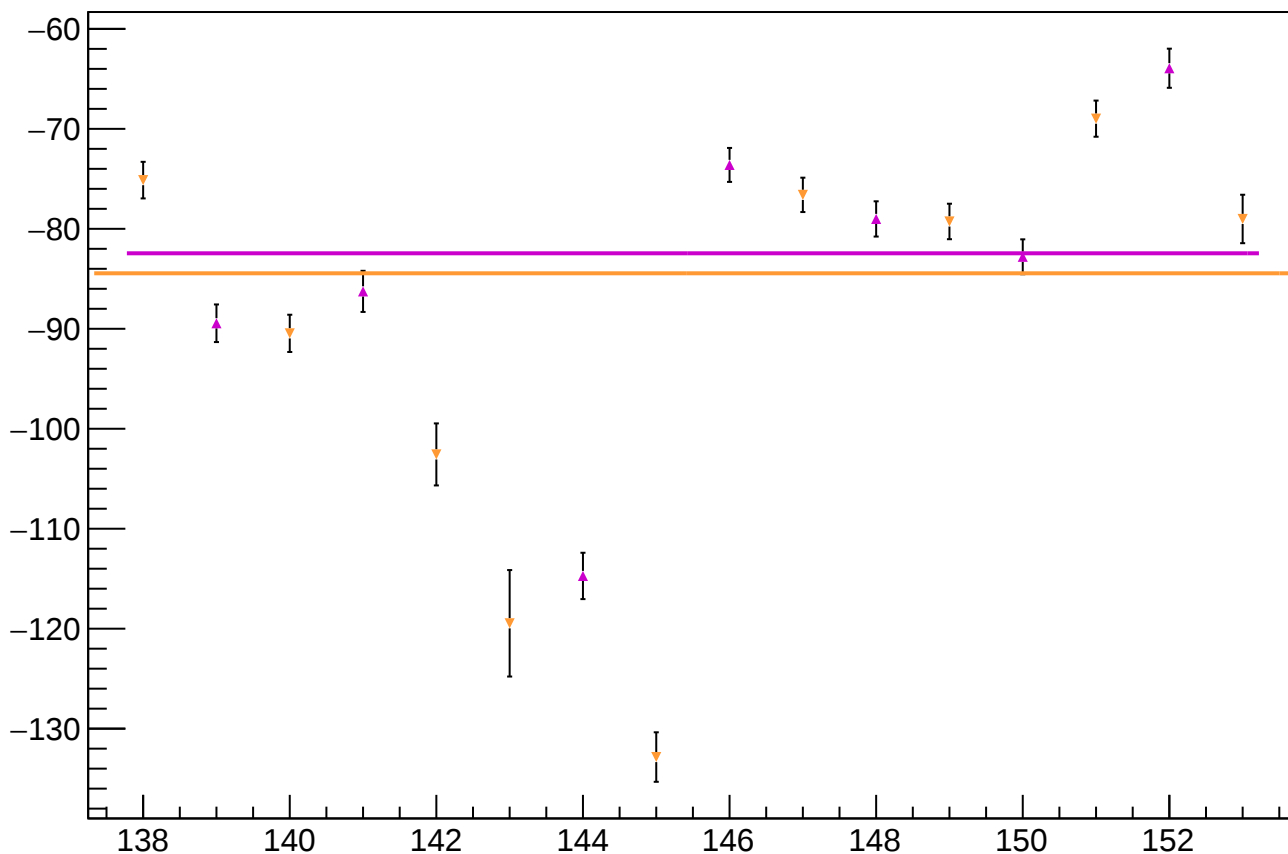
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.049 ± 0.003 χ^2/NDF : 11900.2/23

Out: 0.048 ± 0.003 χ^2/NDF : 15206.3/26

All: 0.048 ± 0.002 χ^2/NDF : 27106.6/50

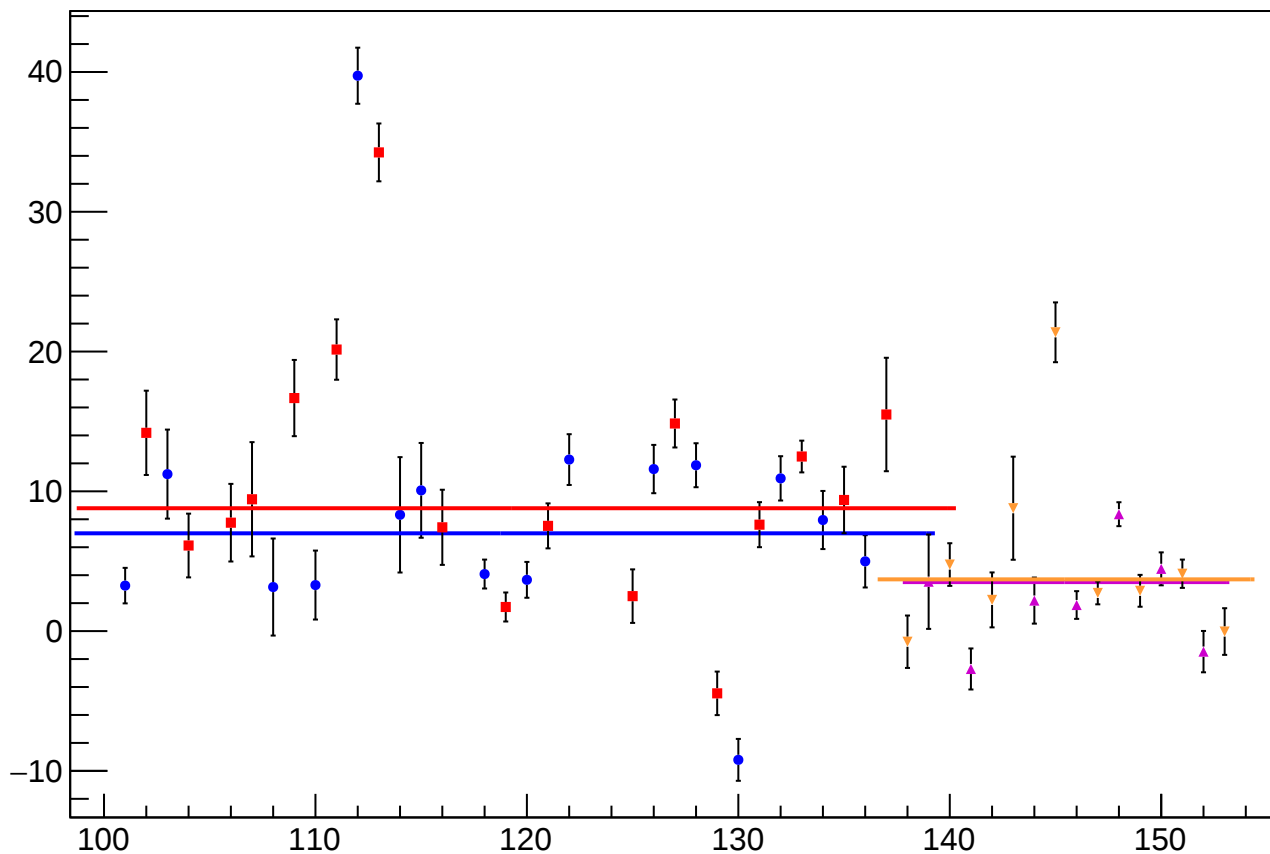
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -84.449+/-0.703 χ^2/NDF :603.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -82.448+/-0.714 χ^2/NDF :331.5/6

Left: -83.464+/-0.501 χ^2/NDF : 938.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -82.448+/-0.714 χ^2/NDF :331.5/6
 Out: -84.449+/-0.703 χ^2/NDF :603.3/8
 All: -83.464+/-0.501 χ^2/NDF : 938.8/15

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: 3.702 ± 0.453 $\chi^2/\text{NDF}: 83.9/8$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 3.506 ± 0.473 $\chi^2/\text{NDF}: 65.4/6$

Left: 3.608 ± 0.327 $\chi^2/\text{NDF}: 149.5/15$

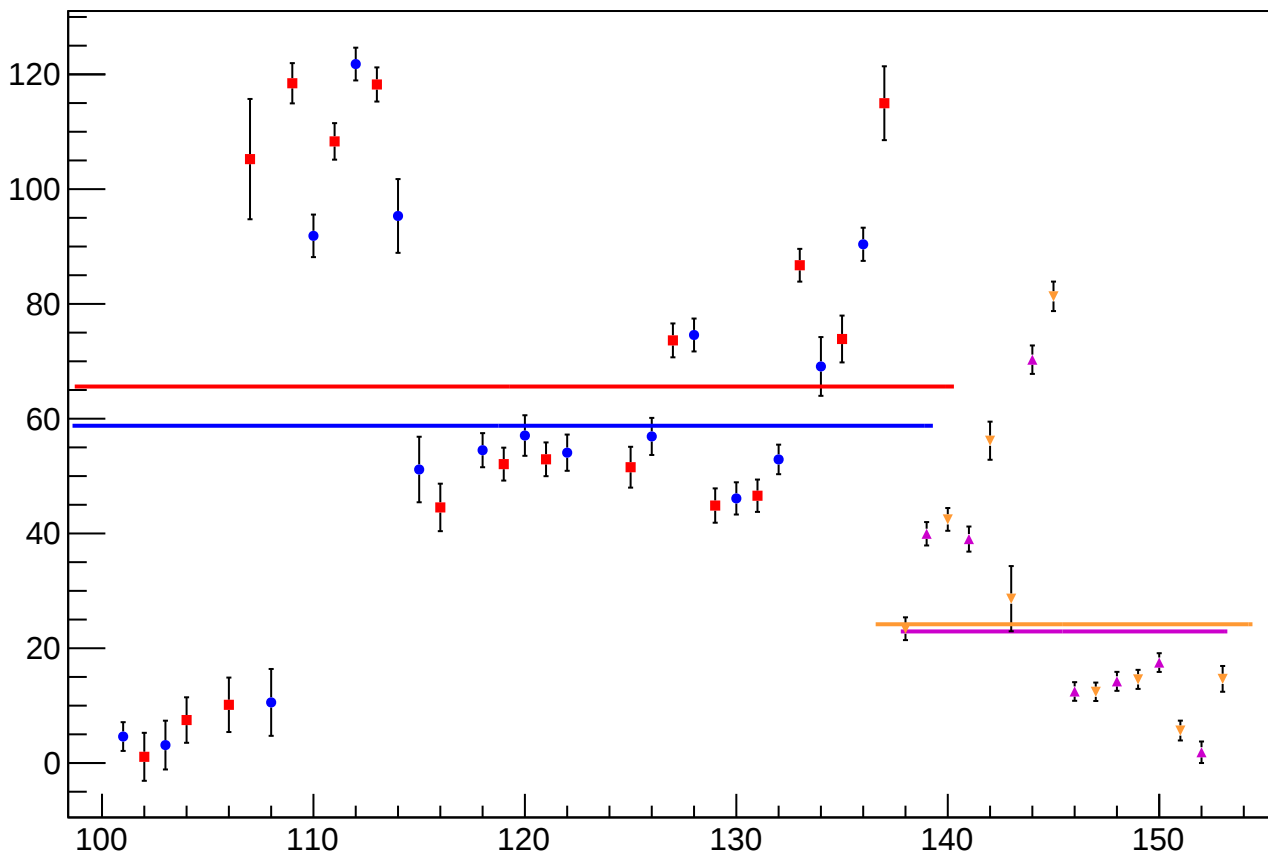
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 5.399 ± 0.320 $\chi^2/\text{NDF}: 540.4/22$

Out: 6.266 ± 0.319 $\chi^2/\text{NDF}: 496.4/25$

All: 5.833 ± 0.226 $\chi^2/\text{NDF}: 1040.4/48$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 +/- 0.833 χ^2/NDF : 1493.3/15

Left Out: 24.180 +/- 0.696 χ^2/NDF : 893.1/8

Right Out: 65.606 +/- 0.845 χ^2/NDF : 1625.3/16

Left In: 22.928 +/- 0.704 χ^2/NDF : 695.2/6

Left: 23.562 +/- 0.495 χ^2/NDF : 1589.9/15

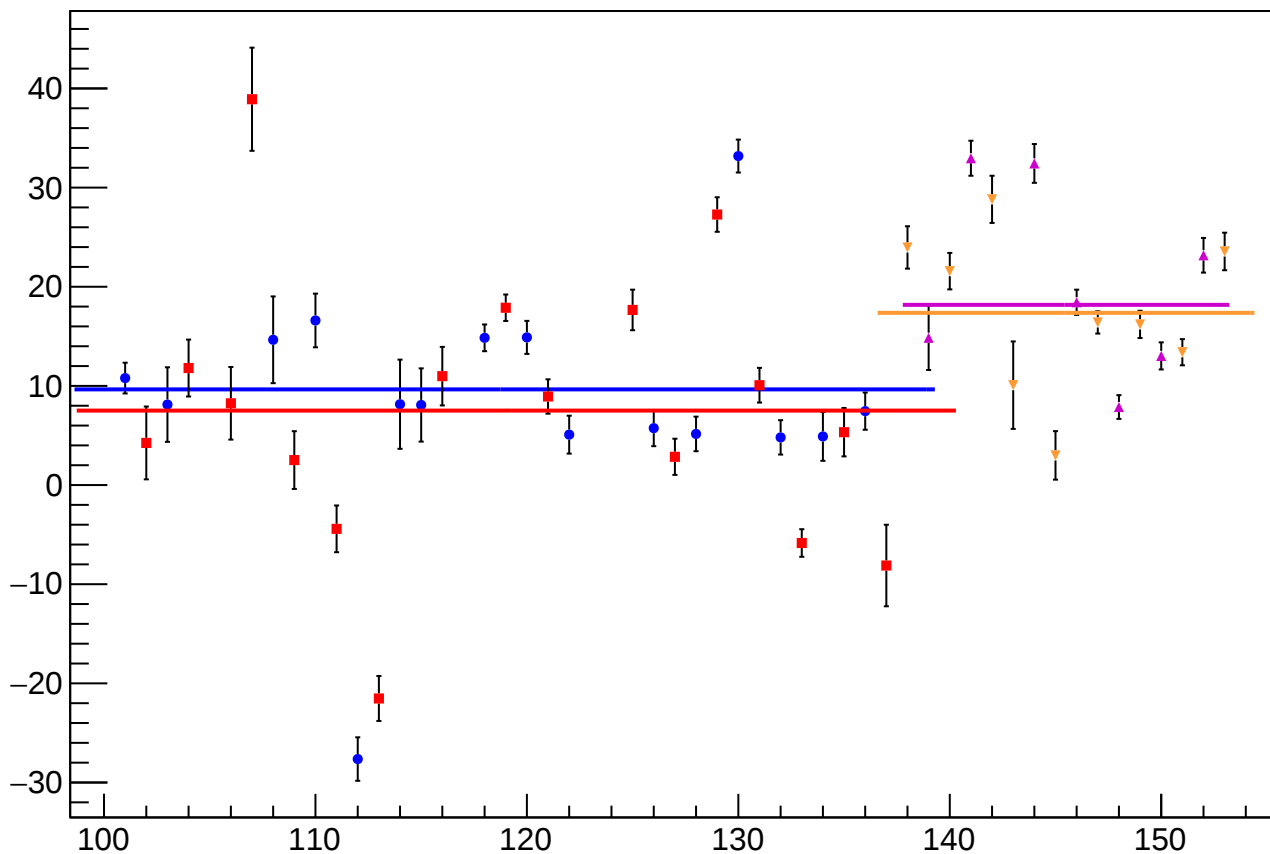
Right: 62.140 +/- 0.593 χ^2/NDF : 3151.9/32

In: 37.867 +/- 0.538 χ^2/NDF : 3268.4/22

Out: 40.926 +/- 0.537 χ^2/NDF : 3951.3/25

All: 39.398 +/- 0.380 χ^2/NDF : 7235.9/48

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 17.368 ± 0.569 χ^2/NDF : 96.4/8

Right Out: 7.511 ± 0.516 χ^2/NDF : 564.3/16

Left In: 18.174 ± 0.591 χ^2/NDF : 220.9/6

Left: 17.755 ± 0.410 χ^2/NDF : 318.3/15

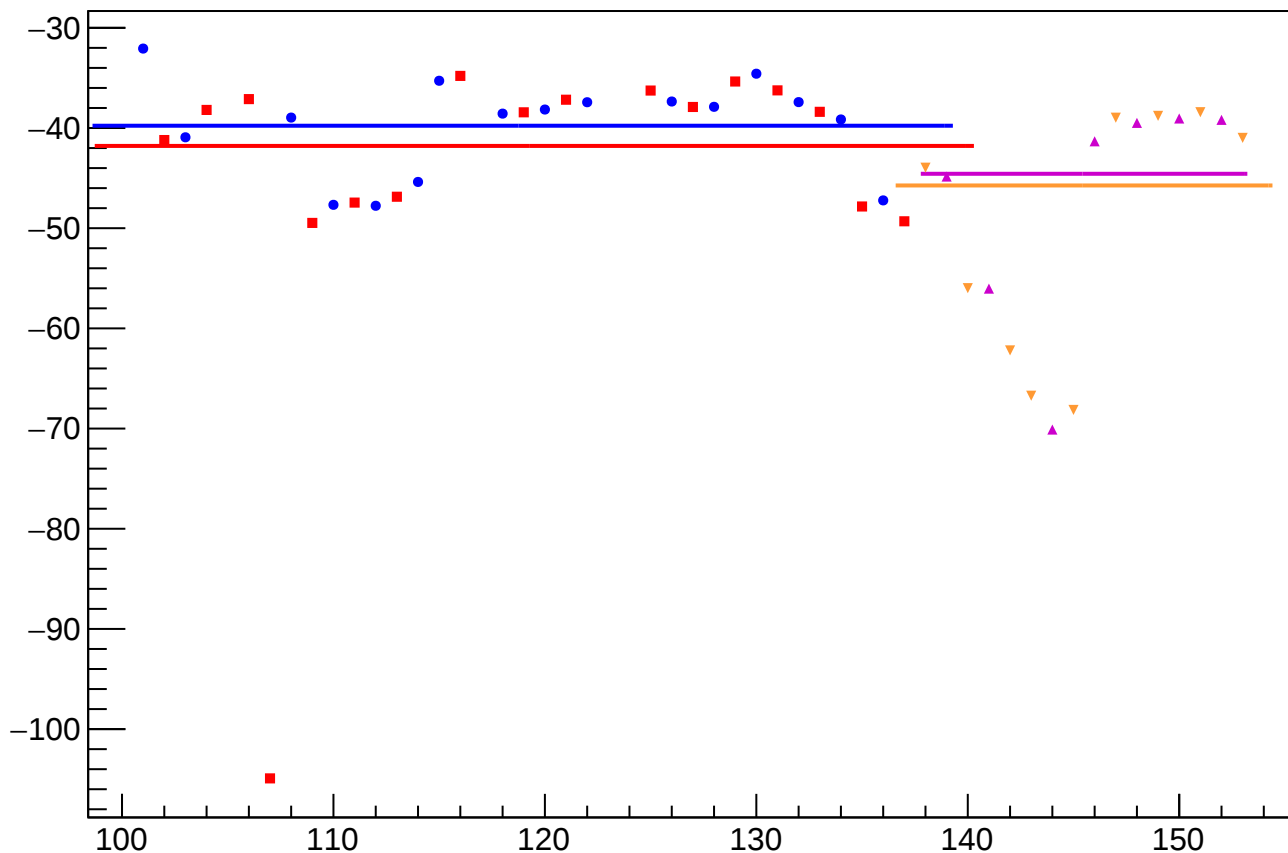
Right: 8.610 ± 0.360 χ^2/NDF : 1126.7/32

In: 13.218 ± 0.383 χ^2/NDF : 895.2/22

Out: 11.959 ± 0.383 χ^2/NDF : 825.1/25

All: 12.588 ± 0.271 χ^2/NDF : 1725.8/48

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -45.152 +/- 0.021 χ^2/NDF : 208261.6/15

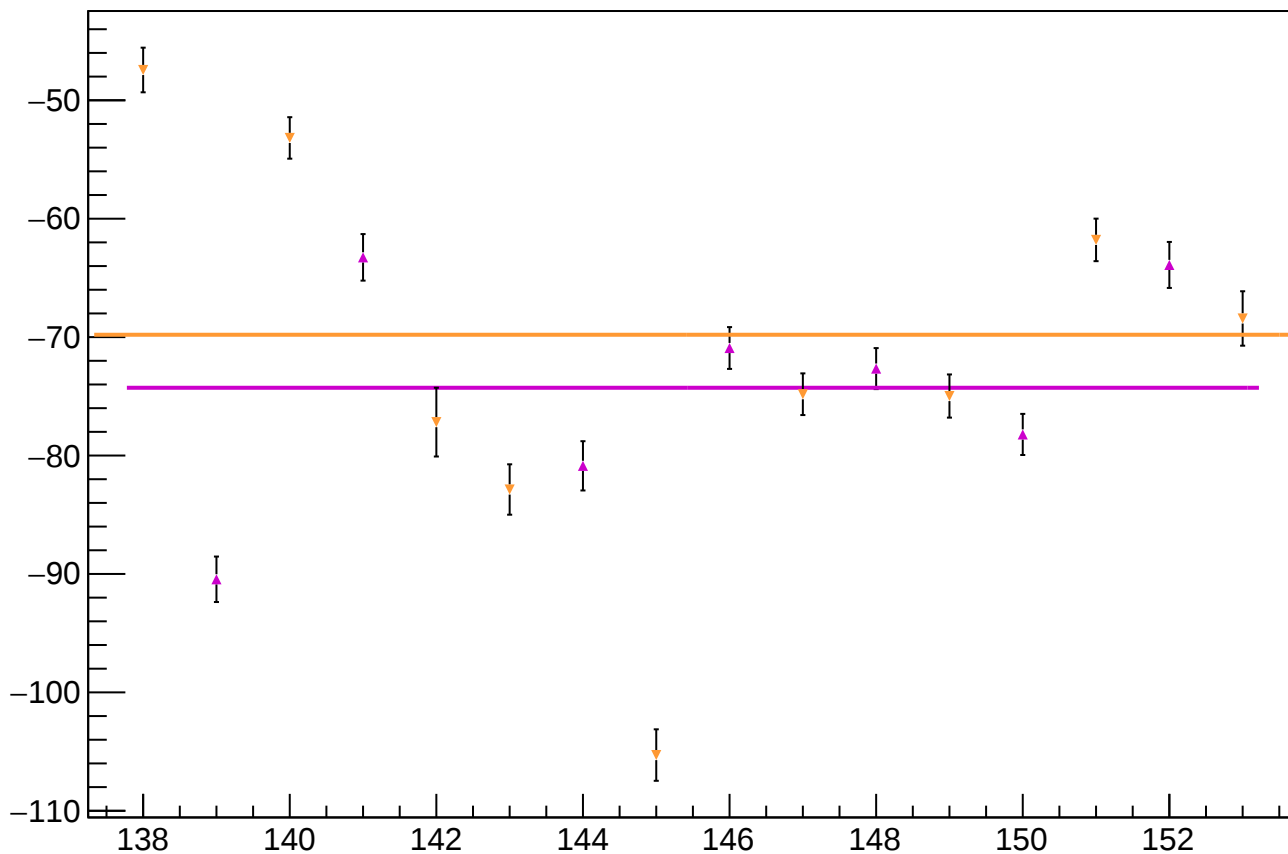
Right: -40.769 +/- 0.022 χ^2/NDF : 121265.0/32

In: -42.316 +/- 0.021 χ^2/NDF : 129146.3/22

Out: -43.902 +/- 0.021 χ^2/NDF : 218590.0/25

All: -43.106 +/- 0.015 χ^2/NDF : 350495.3/48

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -69.800+/-0.662 χ^2/NDF :577.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.277+/-0.705 χ^2/NDF :150.6/6

Left: -71.898+/-0.483 χ^2/NDF : 749.9/15

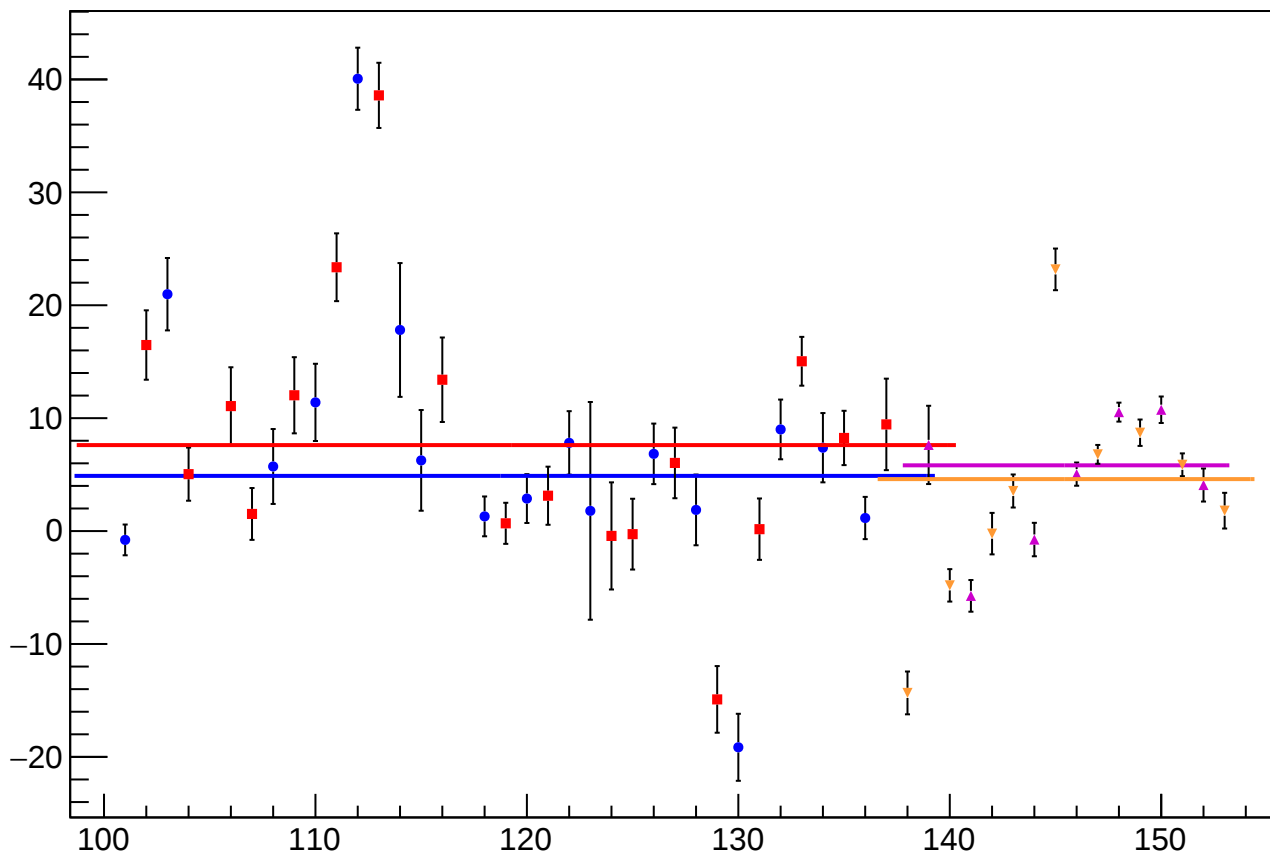
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.277+/-0.705 χ^2/NDF :150.6/6

Out: -69.800+/-0.662 χ^2/NDF :577.9/8

All: -71.898+/-0.483 χ^2/NDF : 749.9/15

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.602 ± 0.431 χ^2/NDF : 275.4/8

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 5.823 ± 0.466 χ^2/NDF : 139.0/6

Left: 5.166 ± 0.317 χ^2/NDF : 418.0/15

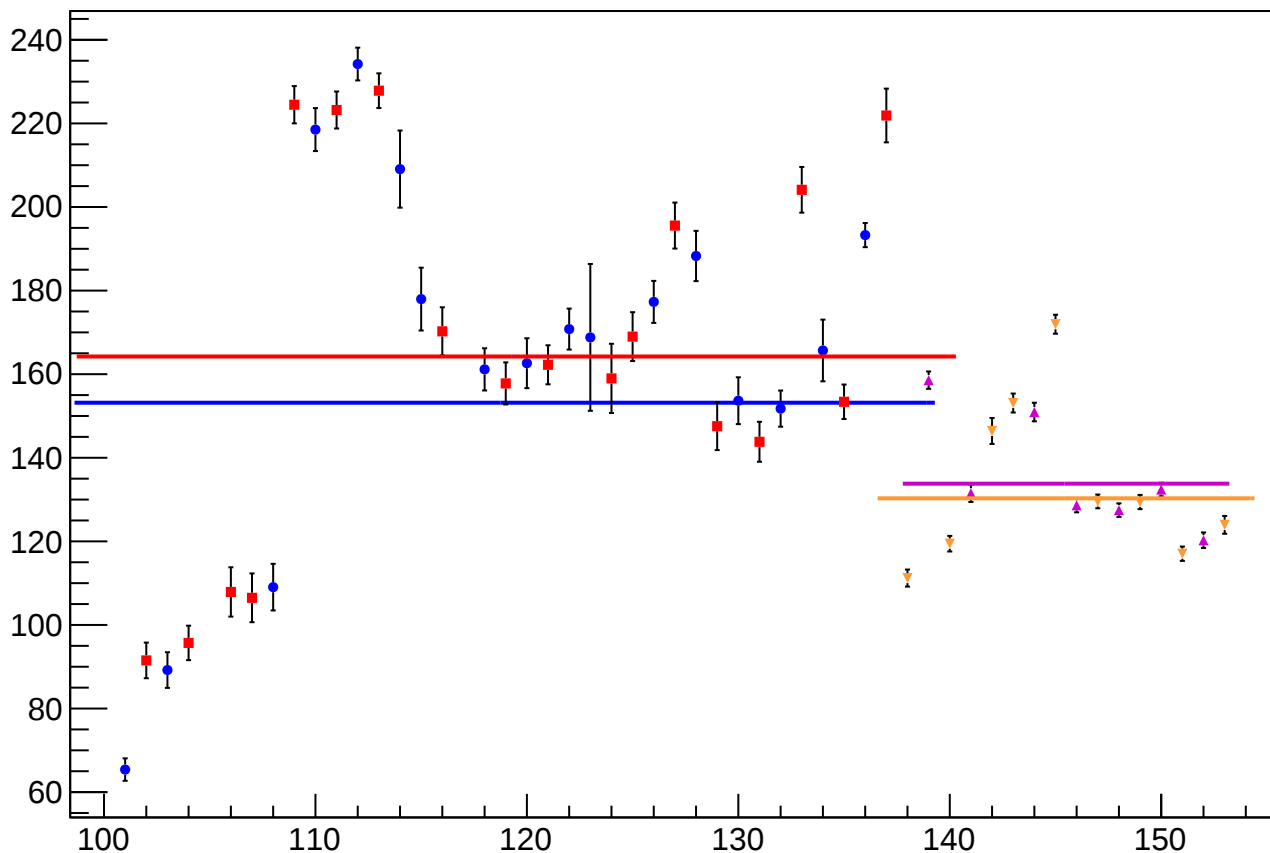
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 5.487 ± 0.373 χ^2/NDF : 435.2/23

Out: 5.519 ± 0.360 χ^2/NDF : 559.4/26

All: 5.504 ± 0.259 χ^2/NDF : 994.5/50

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: 130.301 $\pm$ 0.660 χ^2 /NDF: 654.7/8

Right Out: 164.232 $\pm$ 1.183 χ^2 /NDF: 1554.8/17

Left In: 133.804 $\pm$ 0.696 χ^2 /NDF: 280.9/6

Left: 131.960 $\pm$ 0.479 χ^2 /NDF: 948.9/15

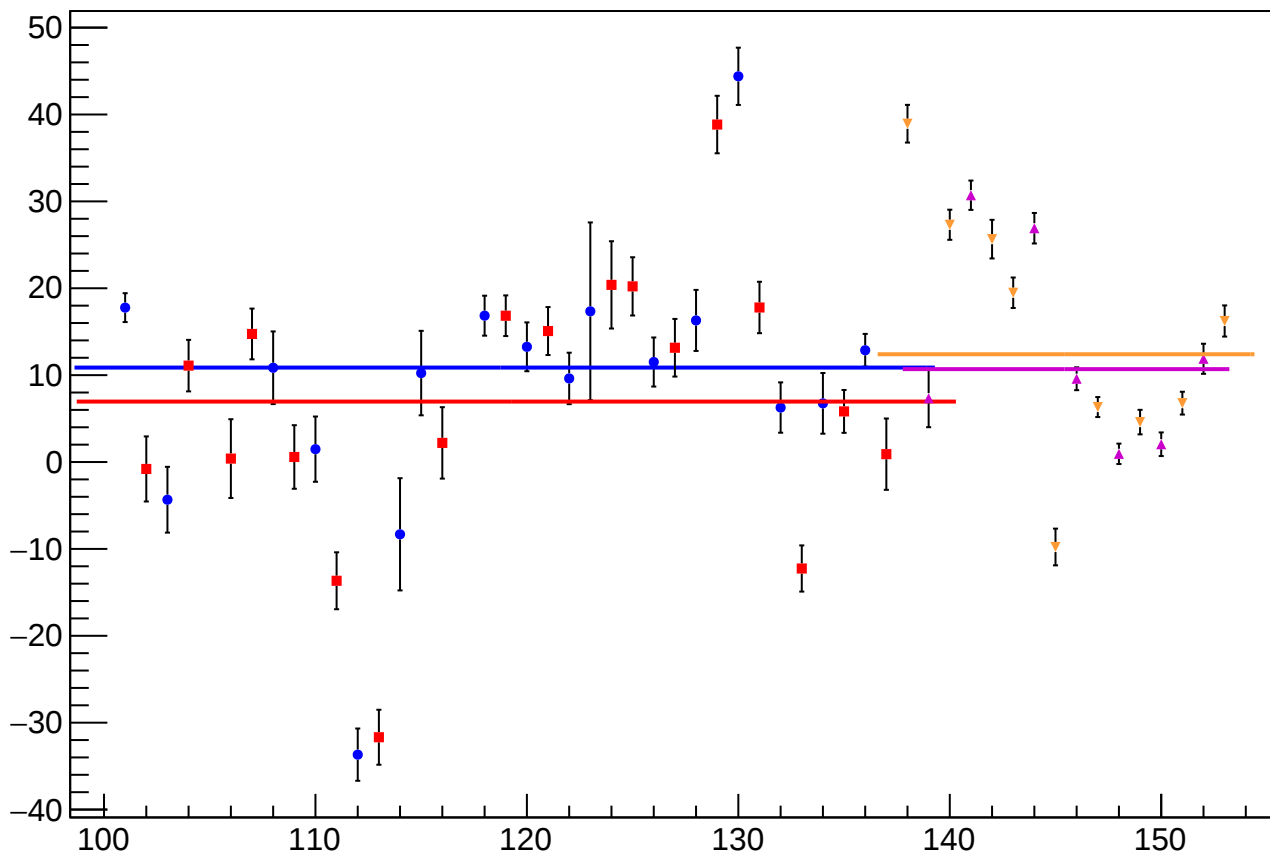
Right: 158.528 $\pm$ 0.823 χ^2 /NDF: 3864.1/34

In: 139.025 $\pm$ 0.595 χ^2 /NDF: 2753.7/23

Out: 138.360 $\pm$ 0.577 χ^2 /NDF: 2836.6/26

All: 138.682 $\pm$ 0.414 χ^2 /NDF: 5590.9/50

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: 12.406 $\pm$ 0.539 χ^2 /NDF: 466.8/8

Right Out: 6.958 $\pm$ 0.749 χ^2 /NDF: 422.3/17

Left In: 10.693 $\pm$ 0.583 χ^2 /NDF: 337.4/6

Left: 11.617 $\pm$ 0.396 χ^2 /NDF: 808.9/15

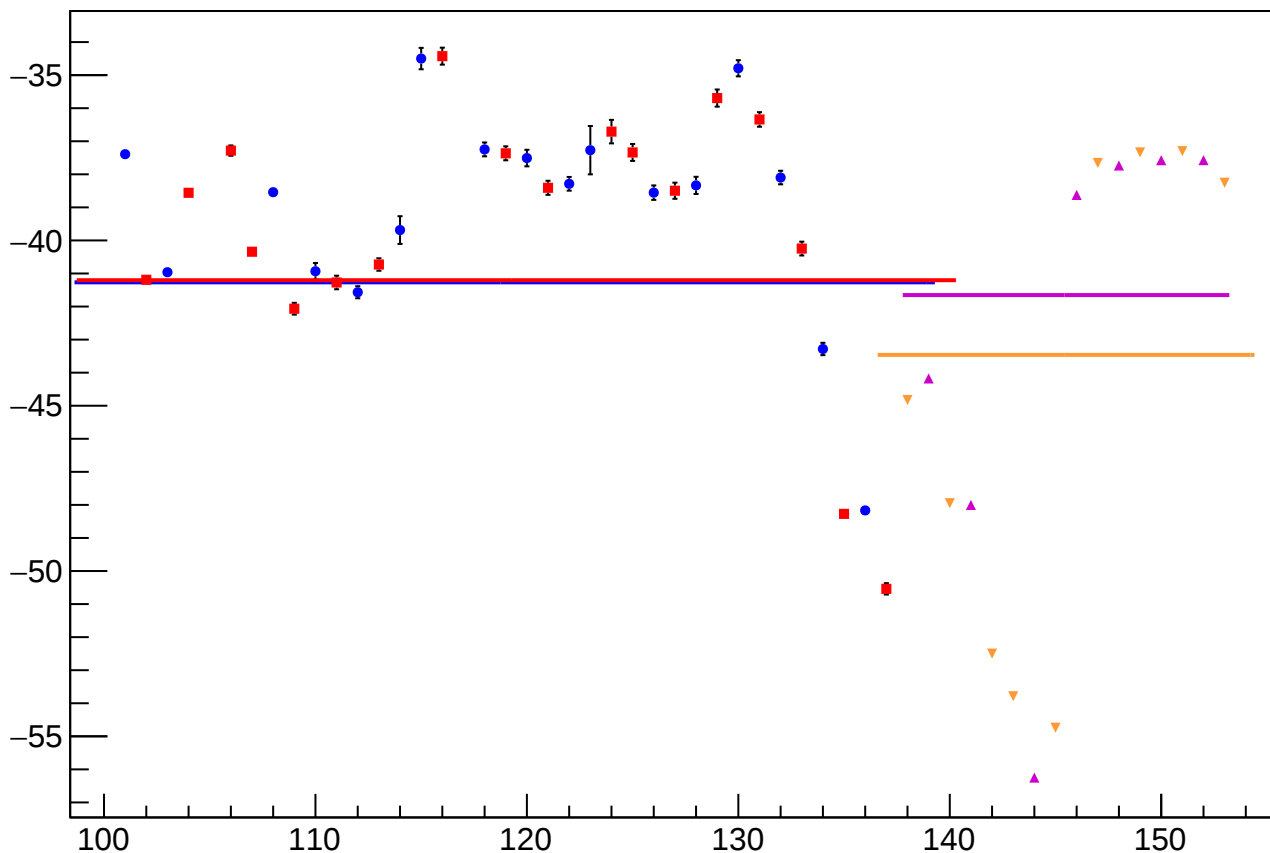
Right: 9.008 $\pm$ 0.517 χ^2 /NDF: 823.3/34

In: 10.765 $\pm$ 0.452 χ^2 /NDF: 724.2/23

Out: 10.549 $\pm$ 0.437 χ^2 /NDF: 923.9/26

All: 10.653 $\pm$ 0.314 χ^2 /NDF: 1648.2/50

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 ± 0.039 $\chi^2/\text{NDF}: 12581.8/16$

Left Out: -43.462 ± 0.028 $\chi^2/\text{NDF}: 61173.5/8$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -41.653 ± 0.029 $\chi^2/\text{NDF}: 40472.2/6$

Left: -42.601 ± 0.020 $\chi^2/\text{NDF}: 103692.0/15$

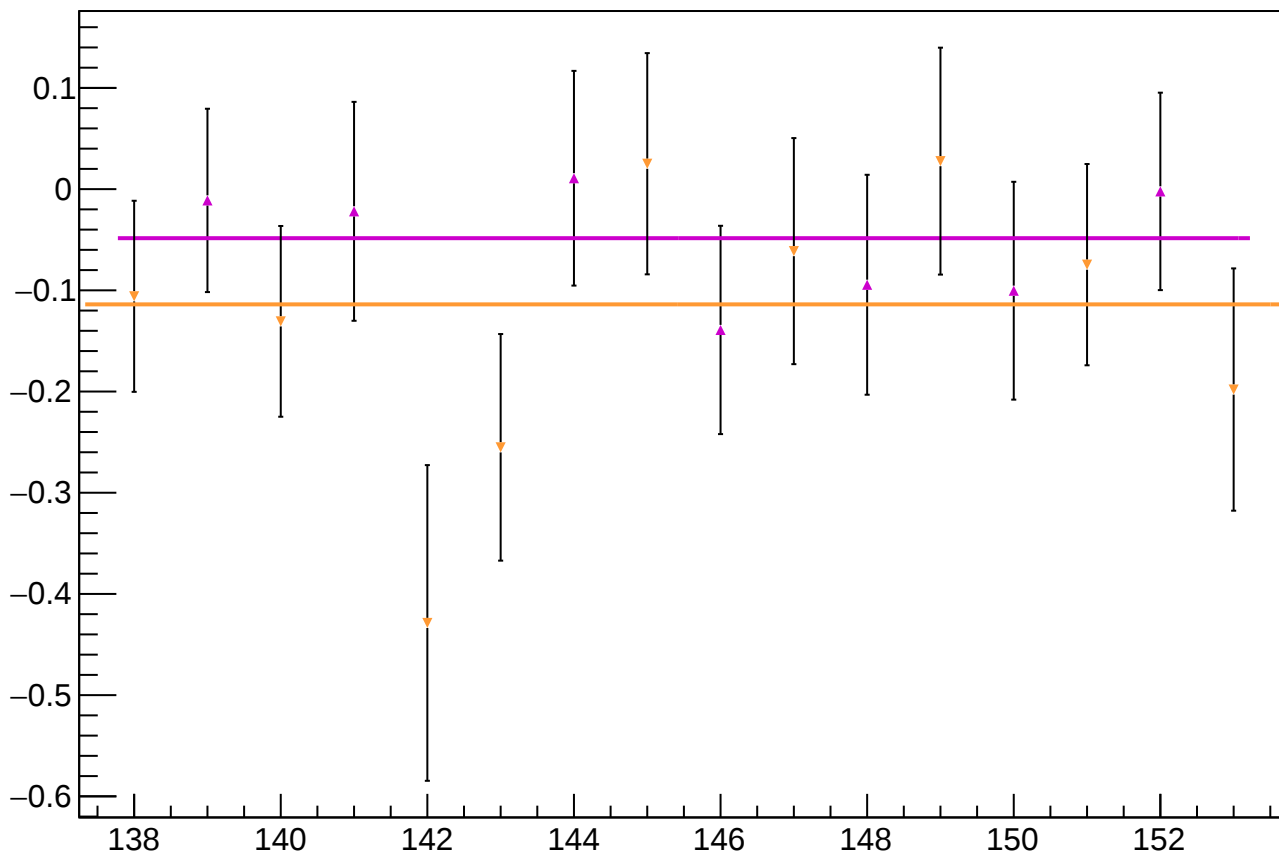
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -41.513 ± 0.023 $\chi^2/\text{NDF}: 53118.0/23$

Out: -42.705 ± 0.022 $\chi^2/\text{NDF}: 75428.6/26$

All: -42.127 ± 0.016 $\chi^2/\text{NDF}: 129910.1/50$

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: -0.114 $\pm$ 0.036 χ^2 /NDF: 9.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.048 $\pm$ 0.039 χ^2 /NDF: 2.0/6

Left: -0.083 $\pm$ 0.026 χ^2 /NDF: 13.3/15

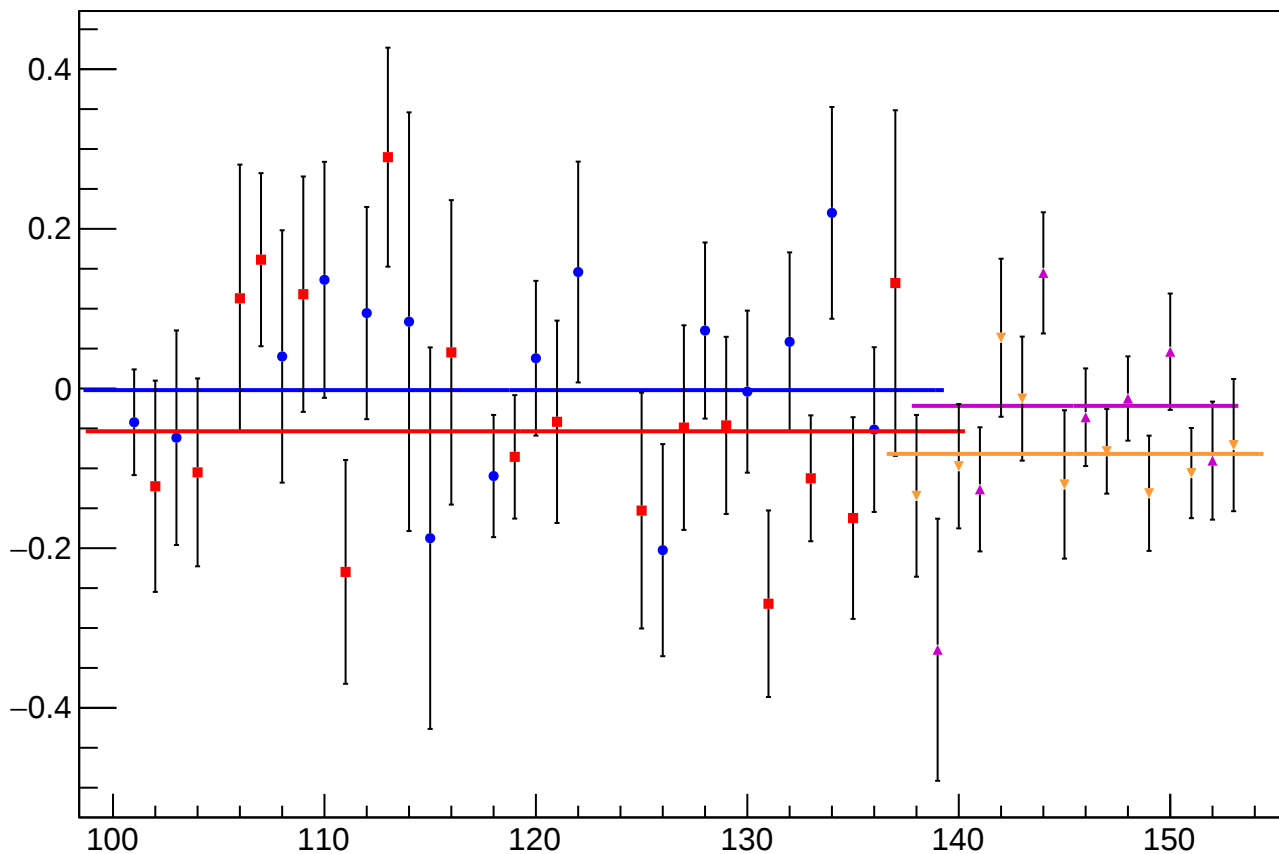
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.048 $\pm$ 0.039 χ^2 /NDF: 2.0/6

Out: -0.114 $\pm$ 0.036 χ^2 /NDF: 9.8/8

All: -0.083 $\pm$ 0.026 χ^2 /NDF: 13.3/15

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.082 ± 0.025 χ^2/NDF : 4.1/8

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.022 ± 0.027 χ^2/NDF : 11.9/6

Left: -0.055 ± 0.018 χ^2/NDF : 18.7/15

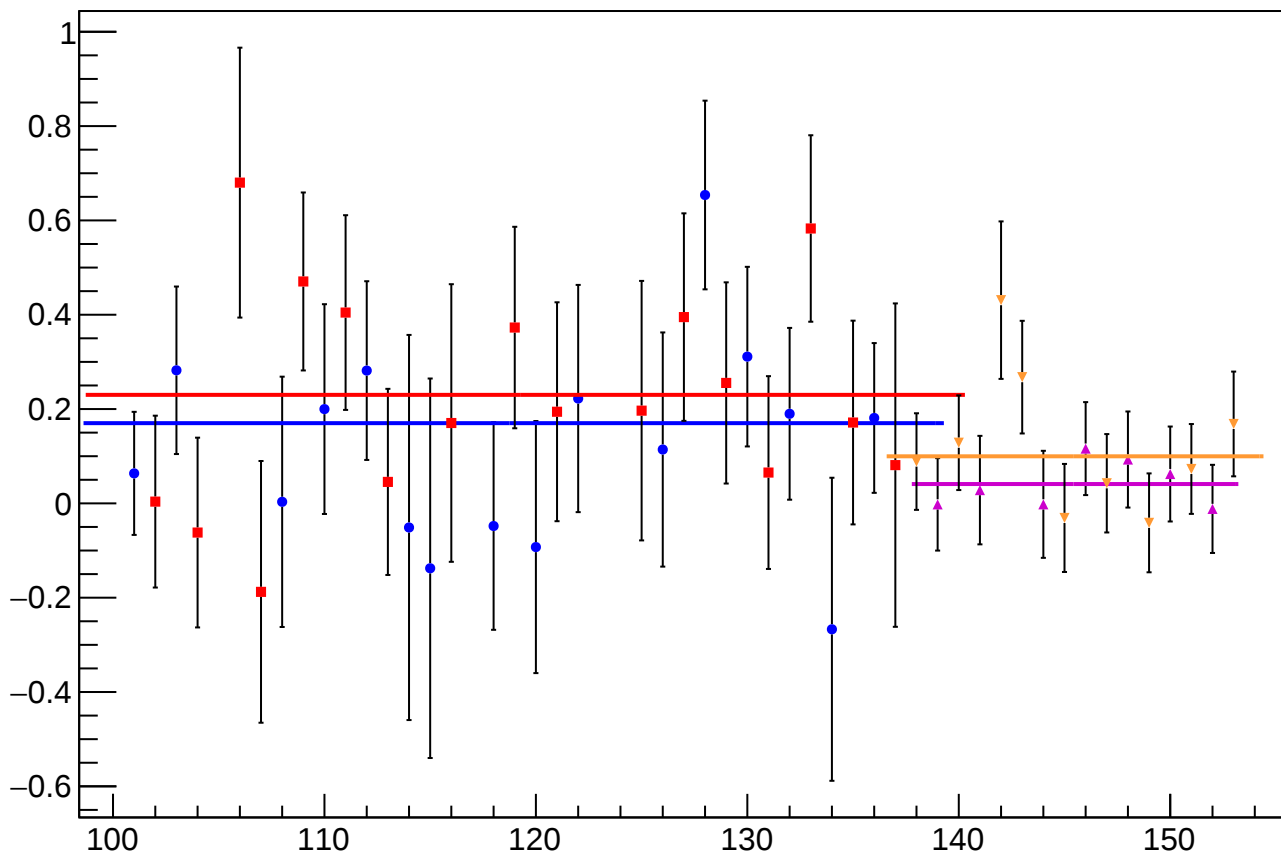
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.012 ± 0.020 χ^2/NDF : 24.3/22

Out: -0.070 ± 0.019 χ^2/NDF : 25.6/25

All: -0.042 ± 0.014 χ^2/NDF : 54.4/48

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.170 ± 0.052 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.100 ± 0.036 $\chi^2/\text{NDF}: 9.9/8$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.041 ± 0.039 $\chi^2/\text{NDF}: 1.6/6$

Left: 0.072 ± 0.027 $\chi^2/\text{NDF}: 12.7/15$

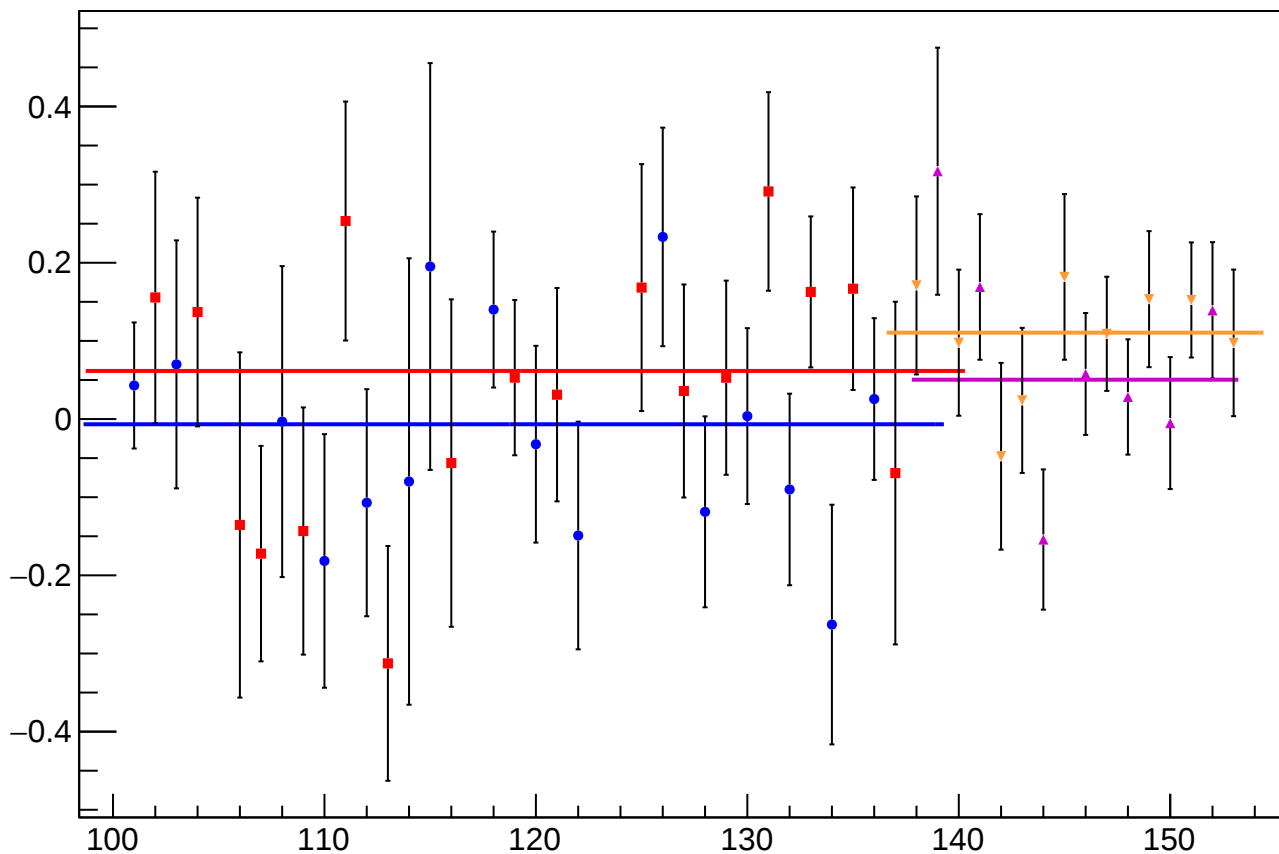
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.087 ± 0.031 $\chi^2/\text{NDF}: 18.5/22$

Out: 0.141 ± 0.030 $\chi^2/\text{NDF}: 30.7/25$

All: 0.114 ± 0.022 $\chi^2/\text{NDF}: 50.8/48$

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: 0.111 ± 0.030 $\chi^2/\text{NDF}: 4.0/8$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.050 ± 0.033 $\chi^2/\text{NDF}: 11.2/6$

Left: 0.083 ± 0.022 $\chi^2/\text{NDF}: 17.0/15$

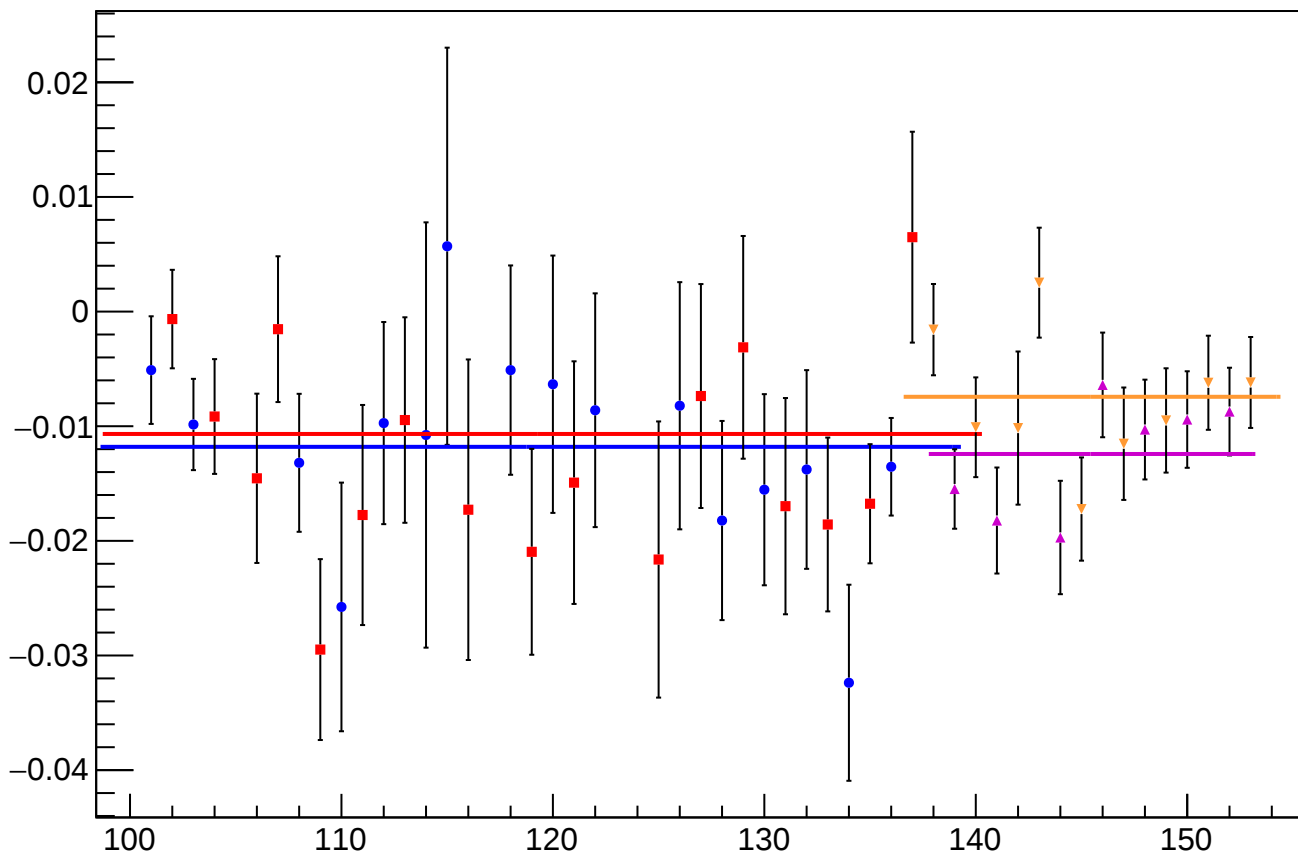
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.021 ± 0.023 $\chi^2/\text{NDF}: 25.9/22$

Out: 0.089 ± 0.023 $\chi^2/\text{NDF}: 25.1/25$

All: 0.056 ± 0.016 $\chi^2/\text{NDF}: 55.4/48$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.007 ± 0.002 χ^2/NDF : 12.8/8

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.012 ± 0.002 χ^2/NDF : 7.9/6

Left: -0.010 ± 0.001 χ^2/NDF : 26.0/15

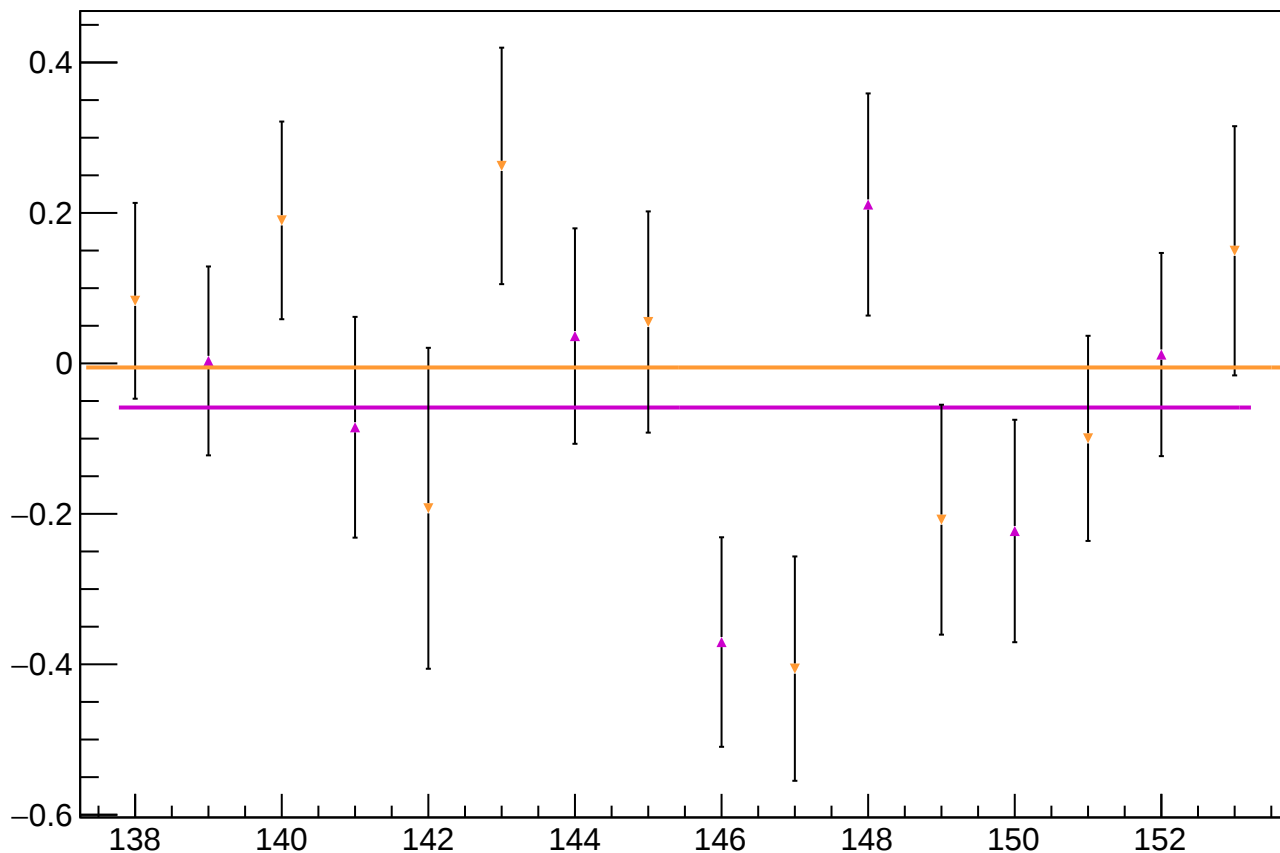
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.012 ± 0.001 χ^2/NDF : 20.8/22

Out: -0.009 ± 0.001 χ^2/NDF : 38.5/25

All: -0.010 ± 0.001 χ^2/NDF : 63.5/48

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: -0.005 $\pm$ 0.050 χ^2 /NDF:16.8/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Left: -0.030 $\pm$ 0.036 χ^2 /NDF: 27.9/15

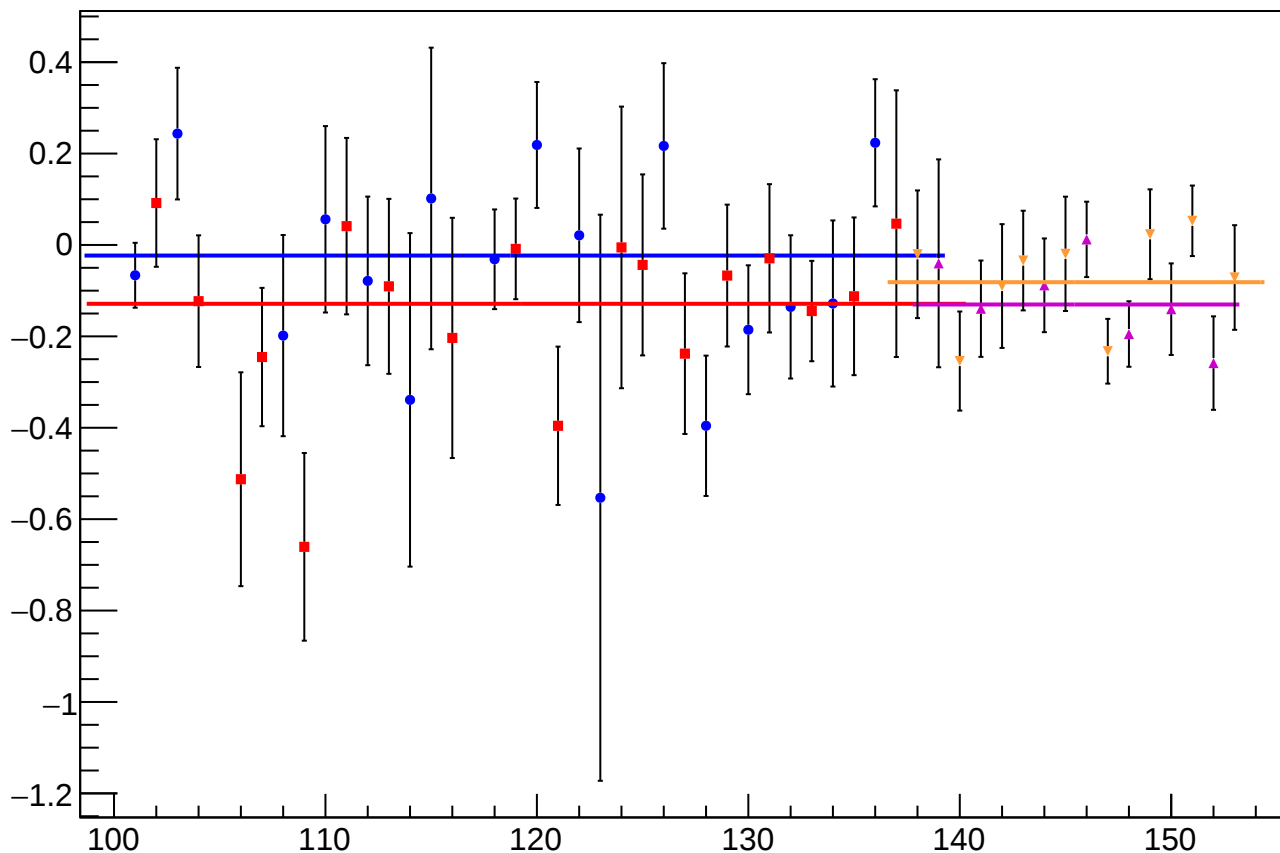
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.059 $\pm$ 0.053 χ^2 /NDF:10.6/6

Out: -0.005 $\pm$ 0.050 χ^2 /NDF:16.8/8

All: -0.030 $\pm$ 0.036 χ^2 /NDF: 27.9/15

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 χ^2/NDF : 22.4/16

Left Out: -0.081 ± 0.034 χ^2/NDF : 11.9/8

Right Out: -0.129 ± 0.039 χ^2/NDF : 18.6/17

Left In: -0.130 ± 0.037 χ^2/NDF : 5.7/6

Left: -0.104 ± 0.025 χ^2/NDF : 18.6/15

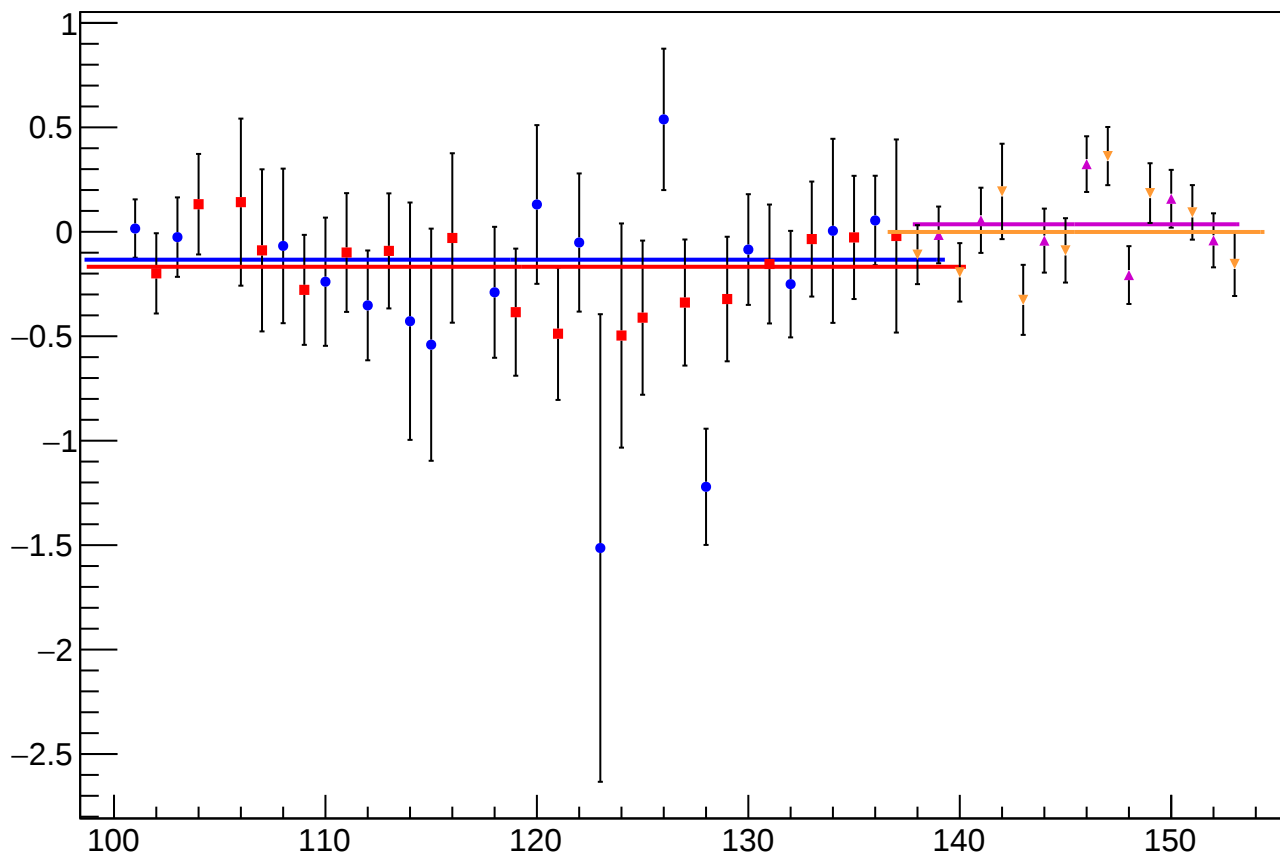
Right: -0.072 ± 0.027 χ^2/NDF : 44.9/34

In: -0.076 ± 0.026 χ^2/NDF : 32.4/23

Out: -0.101 ± 0.026 χ^2/NDF : 31.3/26

All: -0.089 ± 0.018 χ^2/NDF : 64.2/50

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: -0.001 ± 0.050 χ^2/NDF : 17.3/8

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.036 ± 0.053 χ^2/NDF : 9.3/6

Left: 0.017 ± 0.036 χ^2/NDF : 26.9/15

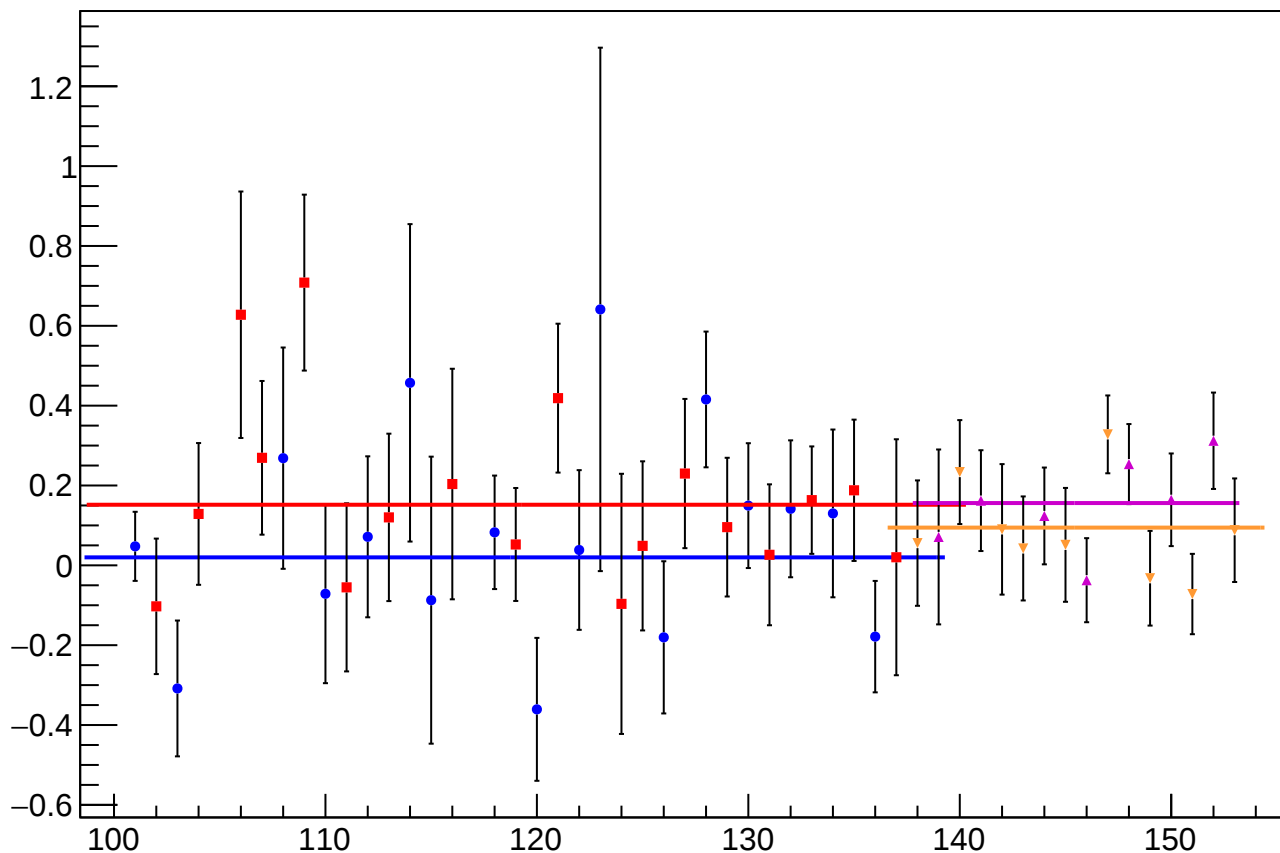
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.029 ± 0.041 χ^2/NDF : 39.0/23

Out: -0.056 ± 0.041 χ^2/NDF : 27.1/26

All: -0.043 ± 0.029 χ^2/NDF : 66.4/50

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 $\chi^2/\text{NDF}: 21.8/16$

Left Out: 0.095 ± 0.042 $\chi^2/\text{NDF}: 11.1/8$

Right Out: 0.152 ± 0.045 $\chi^2/\text{NDF}: 16.8/17$

Left In: 0.156 ± 0.045 $\chi^2/\text{NDF}: 6.2/6$

Left: 0.123 ± 0.031 $\chi^2/\text{NDF}: 18.3/15$

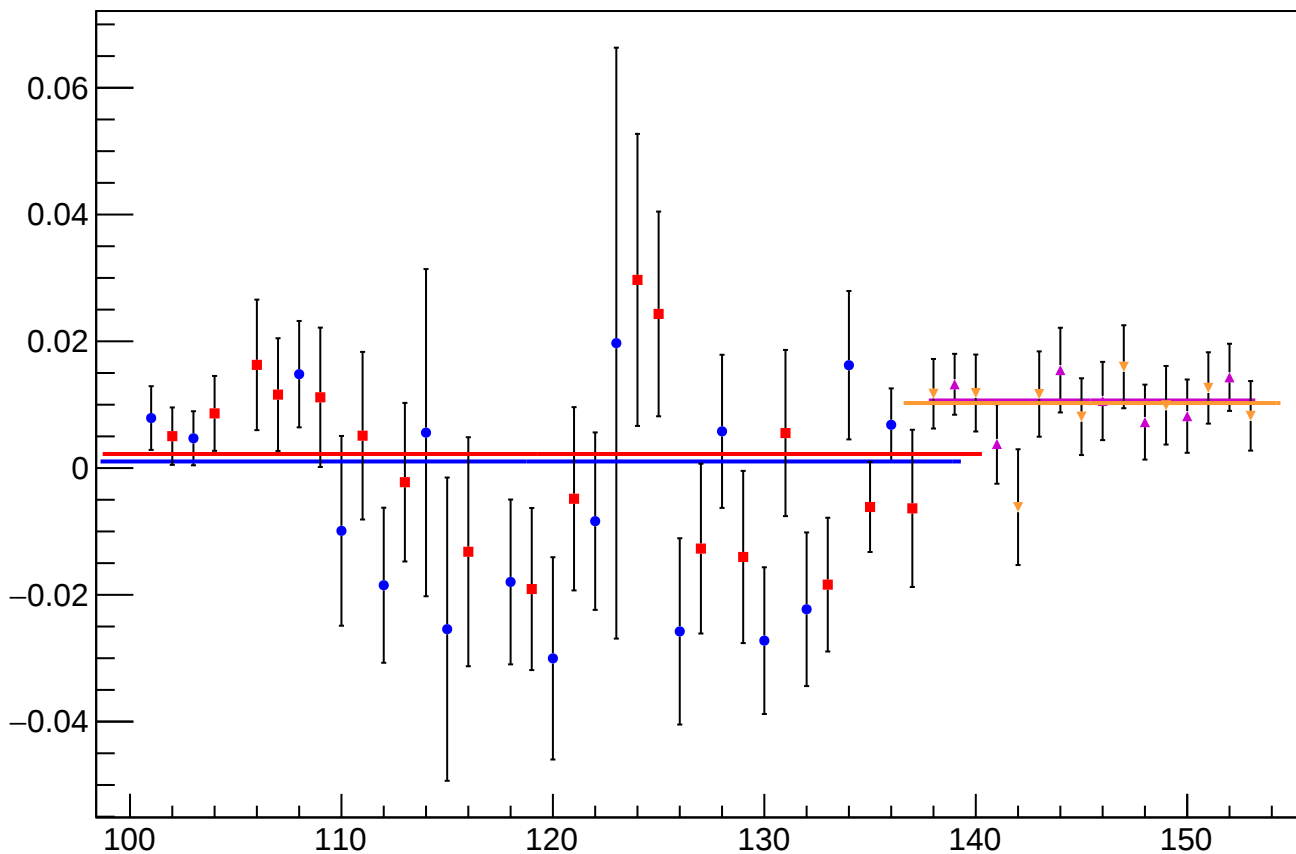
Right: 0.081 ± 0.031 $\chi^2/\text{NDF}: 43.1/34$

In: 0.083 ± 0.031 $\chi^2/\text{NDF}: 32.8/23$

Out: 0.121 ± 0.031 $\chi^2/\text{NDF}: 28.7/26$

All: 0.102 ± 0.022 $\chi^2/\text{NDF}: 62.3/50$

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001+/-0.002 χ^2/NDF : 32.0/16

Left Out: 0.010+/-0.002 χ^2/NDF : 4.6/8

Right Out: 0.002+/-0.002 χ^2/NDF : 20.8/17

Left In: 0.011+/-0.002 χ^2/NDF : 3.0/6

Left: 0.010+/-0.001 χ^2/NDF : 7.6/15

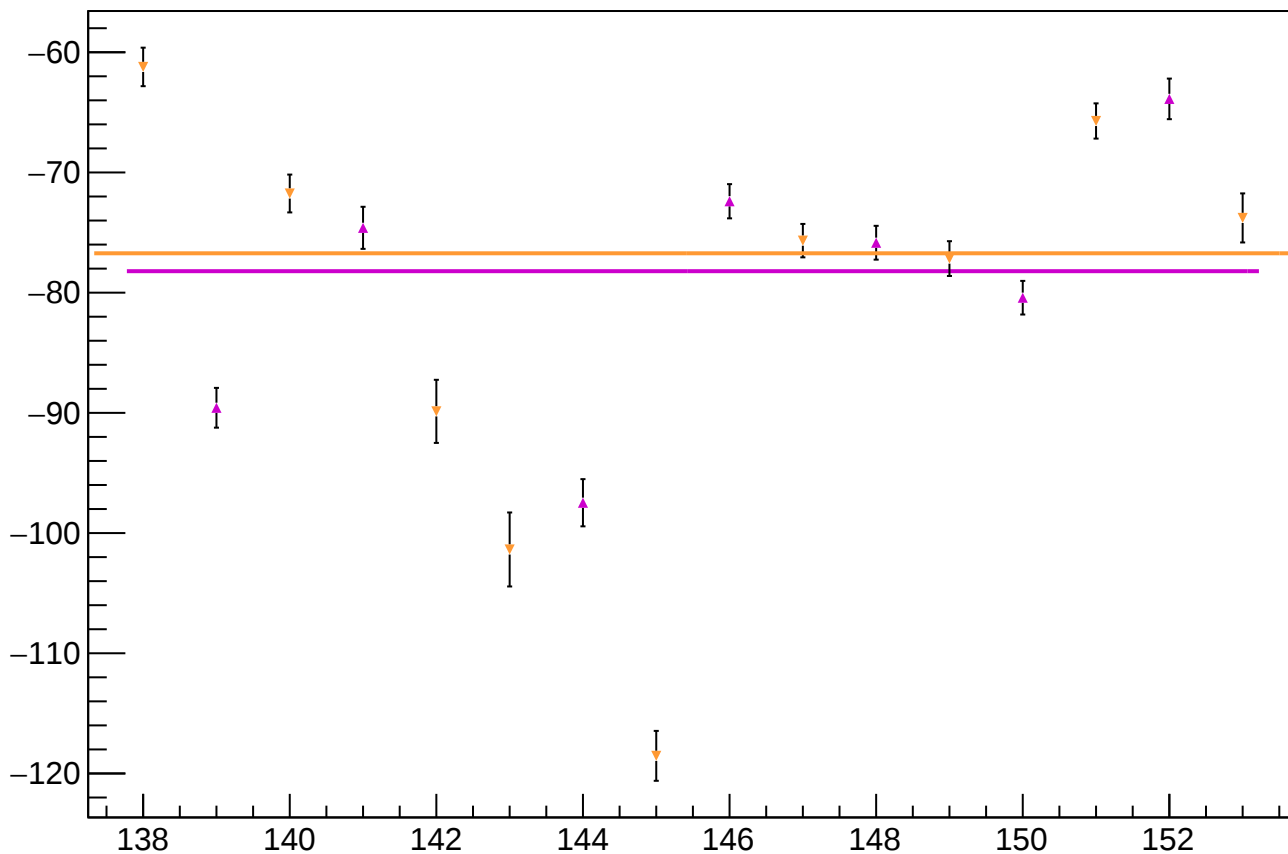
Right: 0.002+/-0.002 χ^2/NDF : 53.0/34

In: 0.006+/-0.002 χ^2/NDF : 44.6/23

Out: 0.007+/-0.002 χ^2/NDF : 32.3/26

All: 0.006+/-0.001 χ^2/NDF : 77.0/50

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: -76.724+/-0.580 χ^2/NDF :657.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -78.213+/-0.596 χ^2/NDF :241.7/6

Left: -77.447+/-0.416 χ^2/NDF : 902.7/15

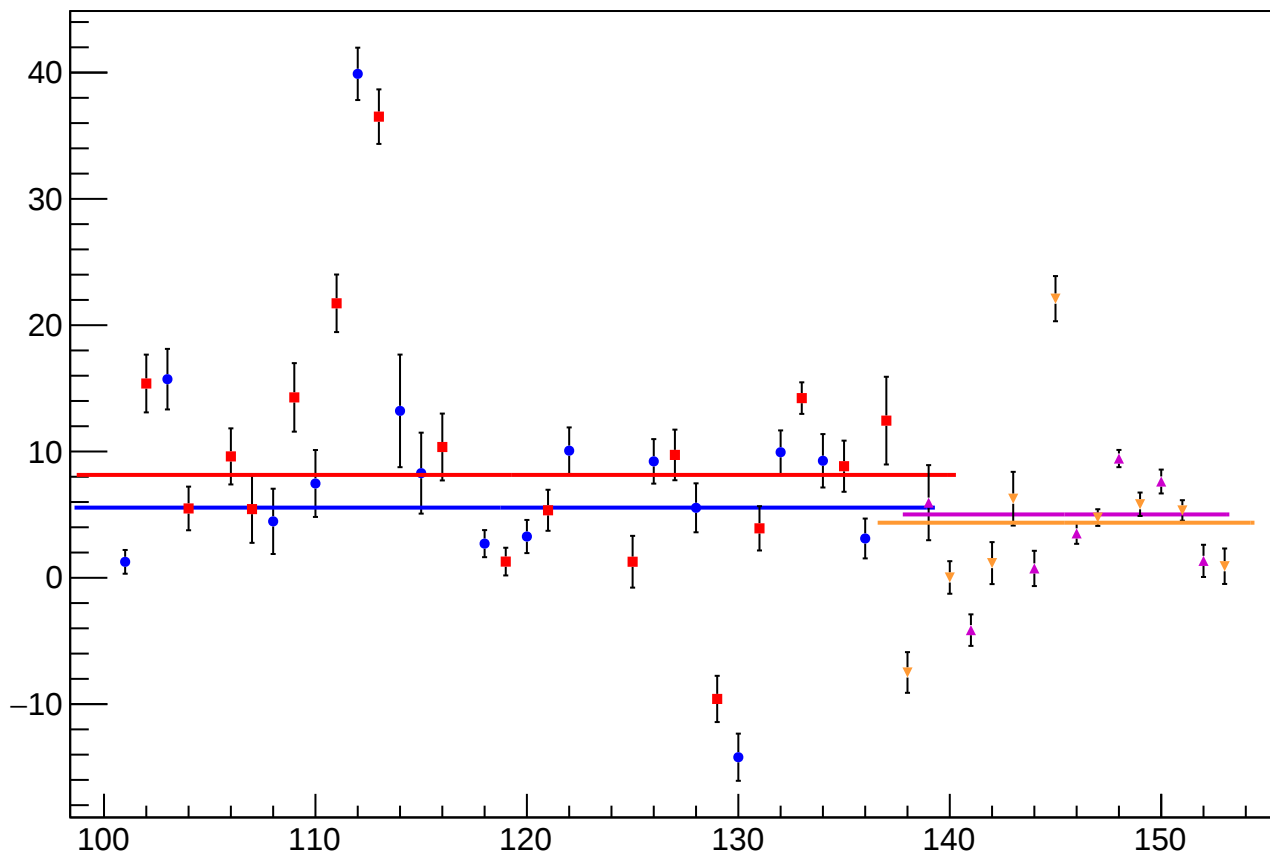
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -78.213+/-0.596 χ^2/NDF :241.7/6

Out: -76.724+/-0.580 χ^2/NDF :657.8/8

All: -77.447+/-0.416 χ^2/NDF : 902.7/15

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: 4.362 ± 0.368 $\chi^2/\text{NDF}: 178.7/8$

Right Out: 8.146 ± 0.454 $\chi^2/\text{NDF}: 406.8/16$

Left In: 5.017 ± 0.389 $\chi^2/\text{NDF}: 124.6/6$

Left: 4.672 ± 0.267 $\chi^2/\text{NDF}: 304.8/15$

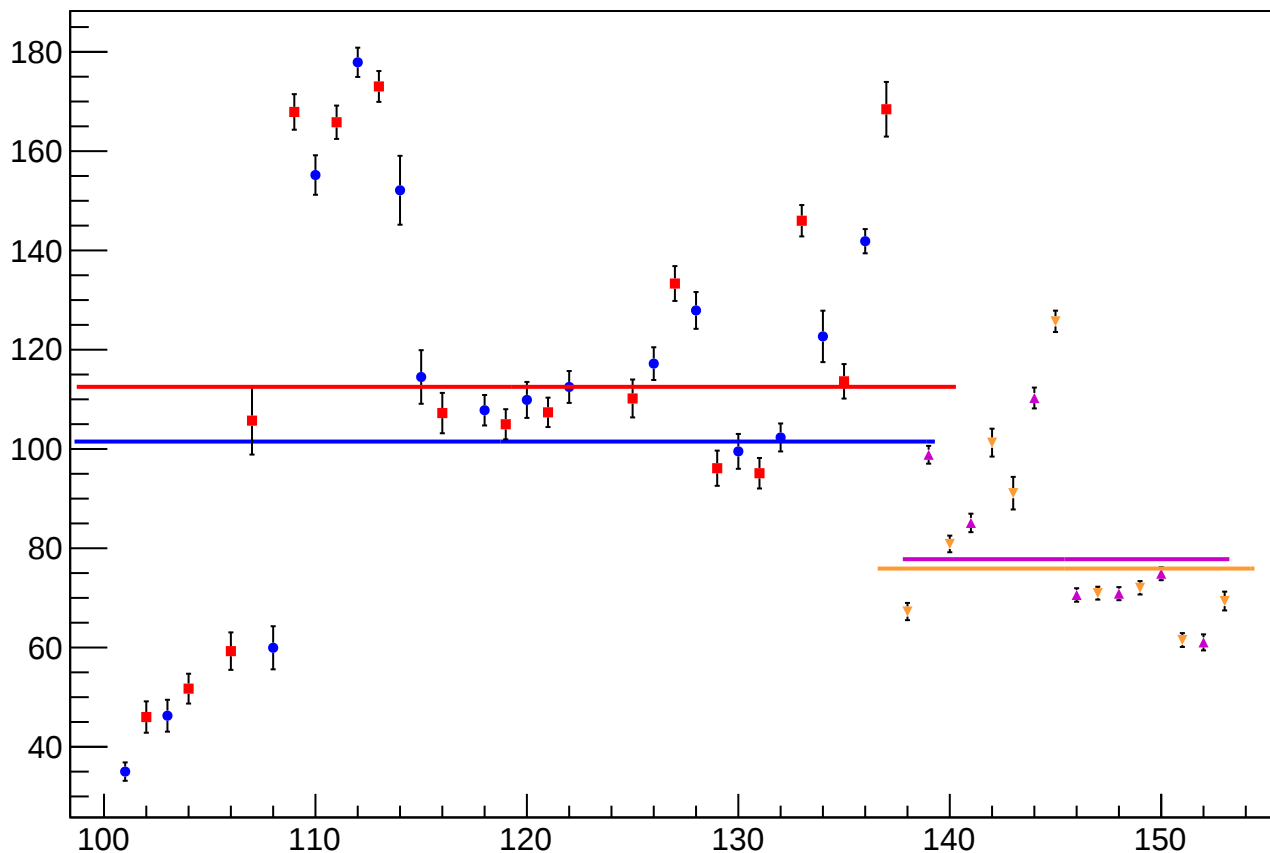
Right: 6.763 ± 0.310 $\chi^2/\text{NDF}: 886.1/32$

In: 5.264 ± 0.287 $\chi^2/\text{NDF}: 587.5/22$

Out: 5.862 ± 0.286 $\chi^2/\text{NDF}: 627.3/25$

All: 5.563 ± 0.202 $\chi^2/\text{NDF}: 1217.1/48$

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: 75.909 $\pm$ 0.572 χ^2 /NDF:811.8/8

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 77.802 $\pm$ 0.586 χ^2 /NDF:560.5/6

Left: 76.833 $\pm$ 0.410 χ^2 /NDF: 1377.6/15

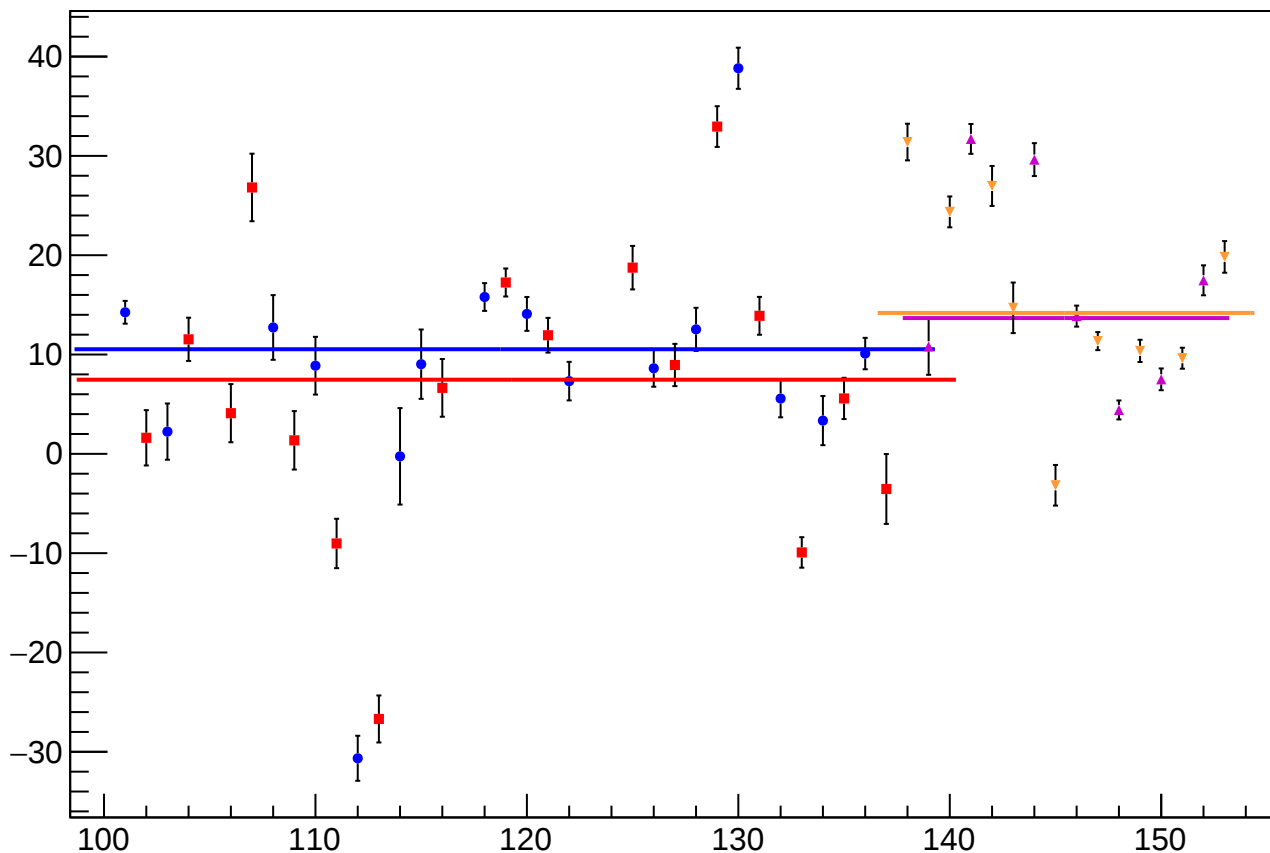
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 85.971 $\pm$ 0.475 χ^2 /NDF:4096.6/22

Out: 87.456 $\pm$ 0.474 χ^2 /NDF:4339.4/25

All: 86.715 $\pm$ 0.335 χ^2 /NDF: 8440.9/48

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: 14.189 ± 0.464 $\chi^2/\text{NDF}: 294.7/8$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 13.670 ± 0.488 $\chi^2/\text{NDF}: 370.1/6$

Left: 13.943 ± 0.336 $\chi^2/\text{NDF}: 665.4/15$

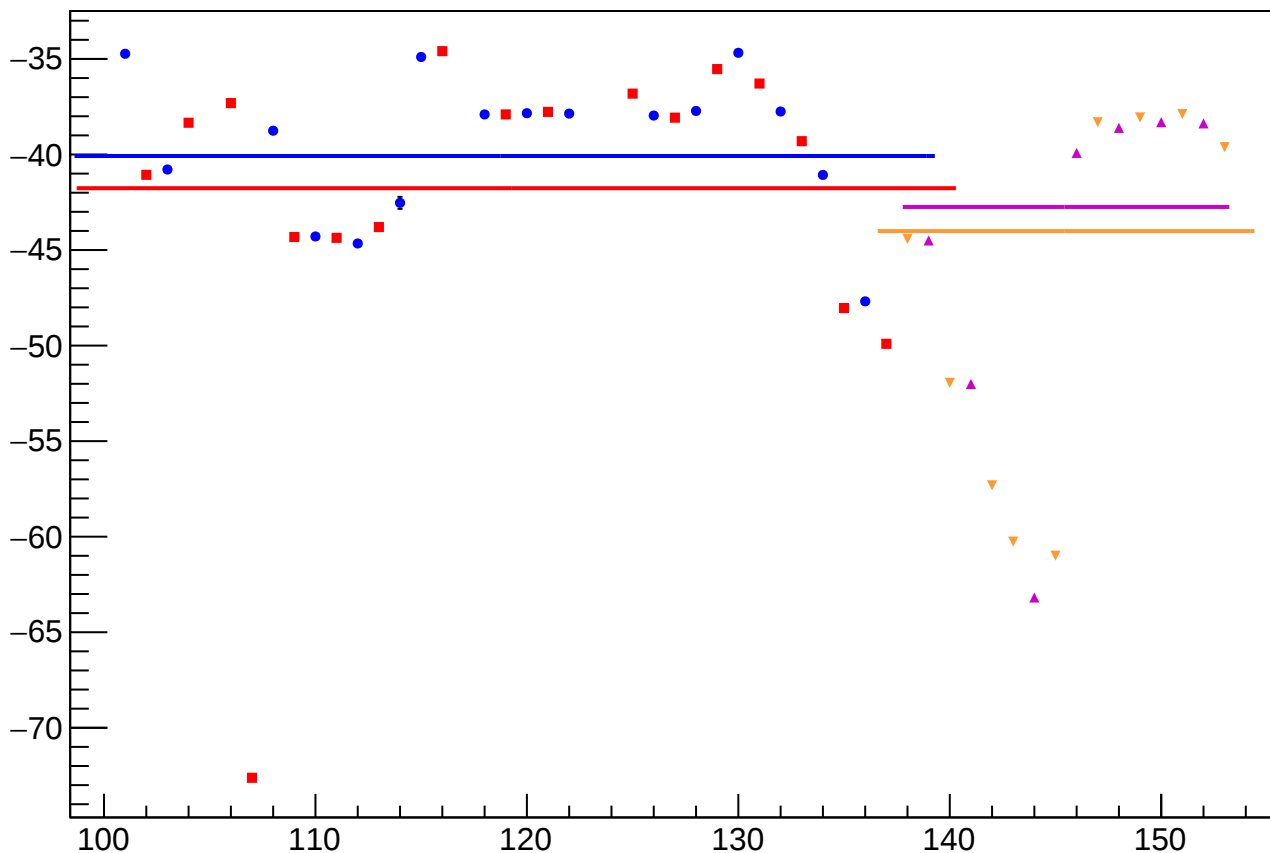
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 12.116 ± 0.347 $\chi^2/\text{NDF}: 970.9/22$

Out: 11.241 ± 0.348 $\chi^2/\text{NDF}: 1071.7/25$

All: 11.680 ± 0.246 $\chi^2/\text{NDF}: 2045.8/48$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -44.008 ± 0.024 $\chi^2/\text{NDF}: 113756.0/8$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -42.745 ± 0.024 $\chi^2/\text{NDF}: 83426.9/6$

Left: -43.385 ± 0.017 $\chi^2/\text{NDF}: 198534.3/15$

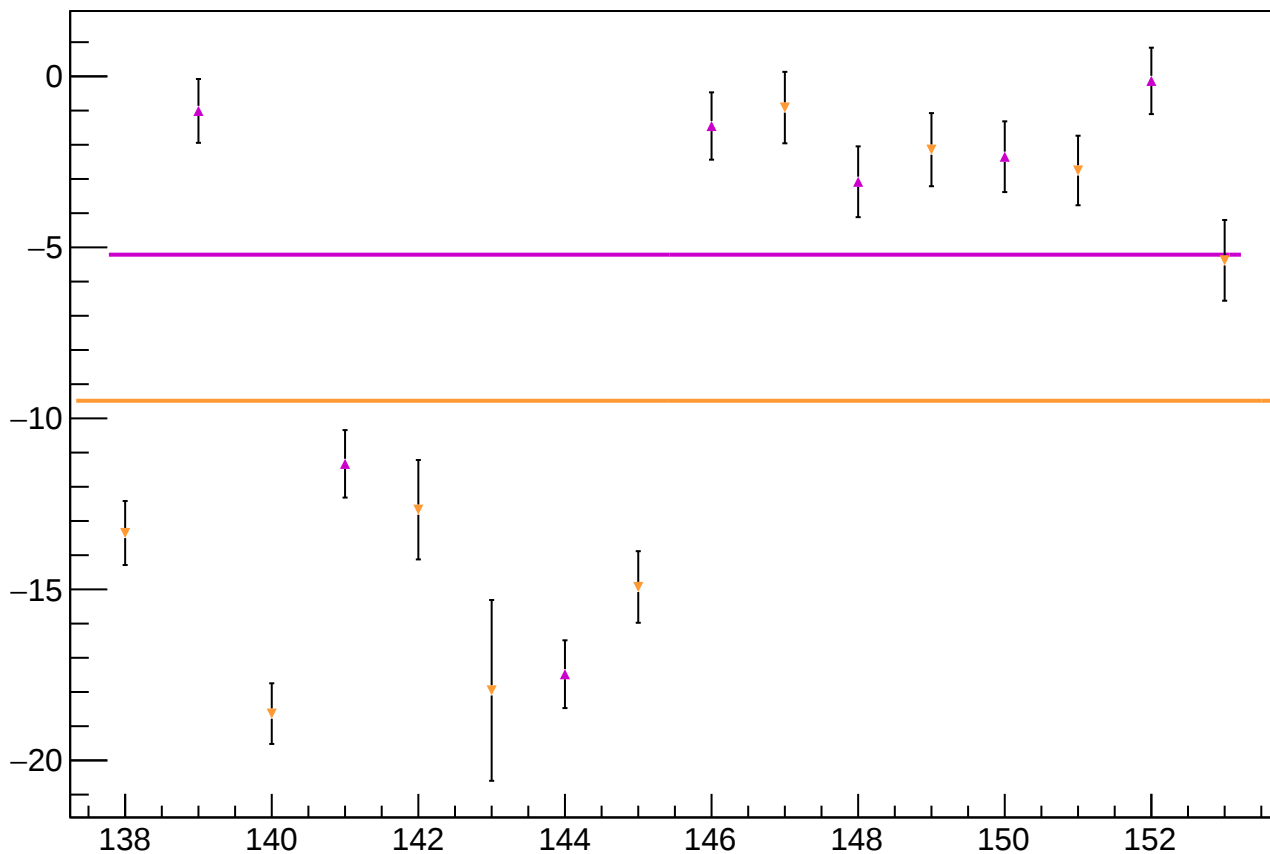
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.602 ± 0.018 $\chi^2/\text{NDF}: 113674.9/22$

Out: -43.084 ± 0.019 $\chi^2/\text{NDF}: 177566.7/25$

All: -42.342 ± 0.013 $\chi^2/\text{NDF}: 294453.6/48$

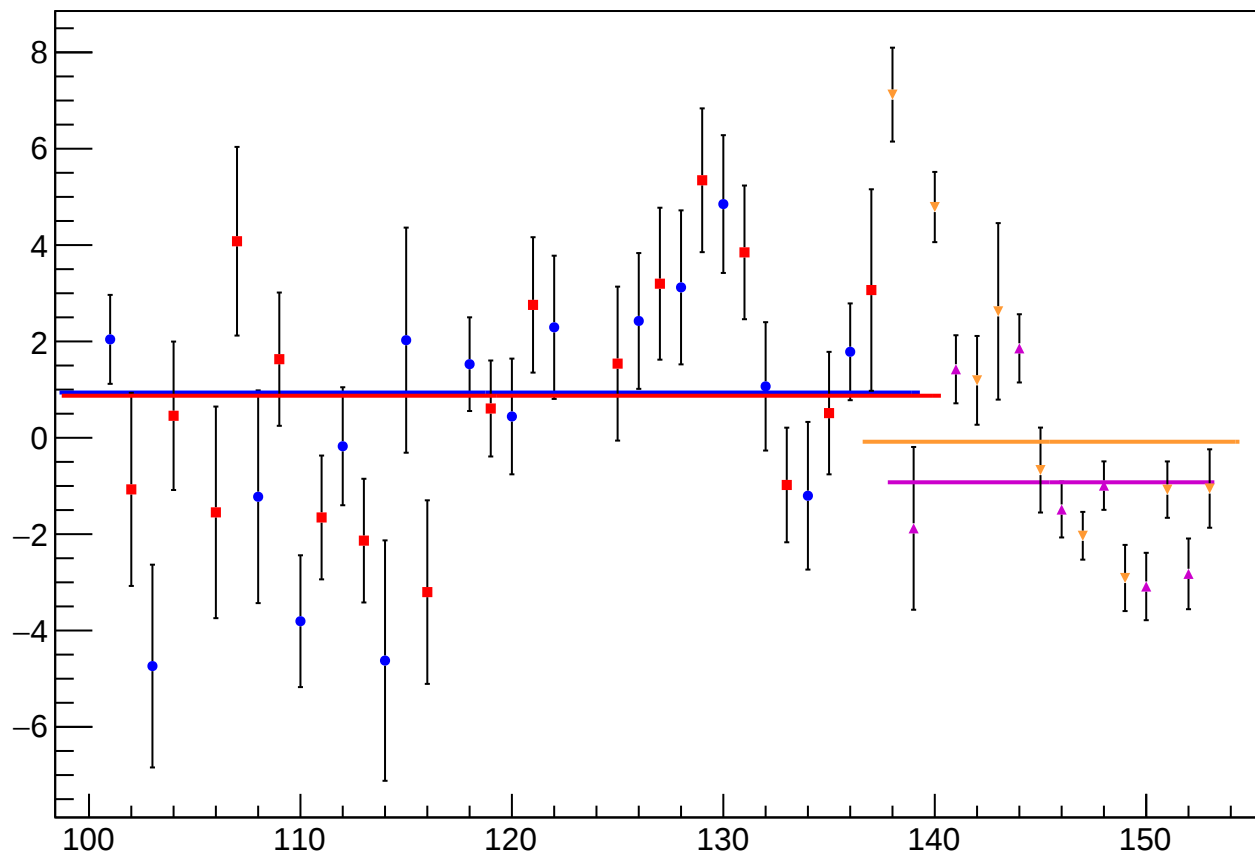
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.484+/-0.367 χ^2/NDF :336.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.214+/-0.374 χ^2/NDF :265.8/6

Left: -7.388+/-0.262 χ^2/NDF : 668.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.214+/-0.374 χ^2/NDF :265.8/6
 Out: -9.484+/-0.367 χ^2/NDF :336.1/8
 All: -7.388+/-0.262 χ^2/NDF : 668.4/15

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$

Left Out: -0.082 ± 0.248 $\chi^2/\text{NDF}: 140.6/8$

Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$

Left In: -0.924 ± 0.257 $\chi^2/\text{NDF}: 44.0/6$

Left: -0.487 ± 0.178 $\chi^2/\text{NDF}: 190.2/15$

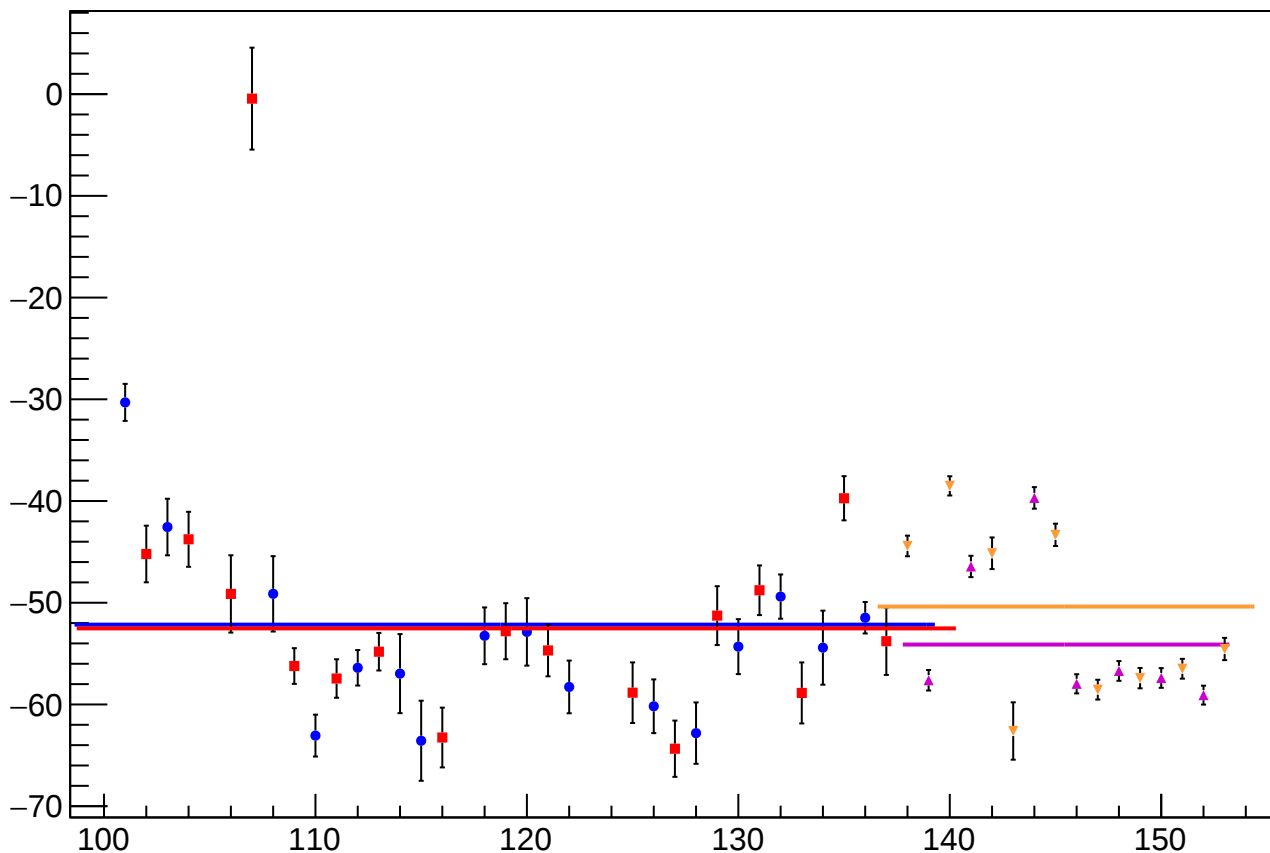
Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$

In: -0.244 ± 0.205 $\chi^2/\text{NDF}: 105.4/22$

Out: 0.232 ± 0.203 $\chi^2/\text{NDF}: 186.1/25$

All: -0.004 ± 0.144 $\chi^2/\text{NDF}: 294.3/48$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -50.376 ± 0.368 χ^2/NDF : 437.2/8

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.111 ± 0.373 χ^2/NDF : 314.6/6

Left: -52.217 ± 0.262 χ^2/NDF : 802.7/15

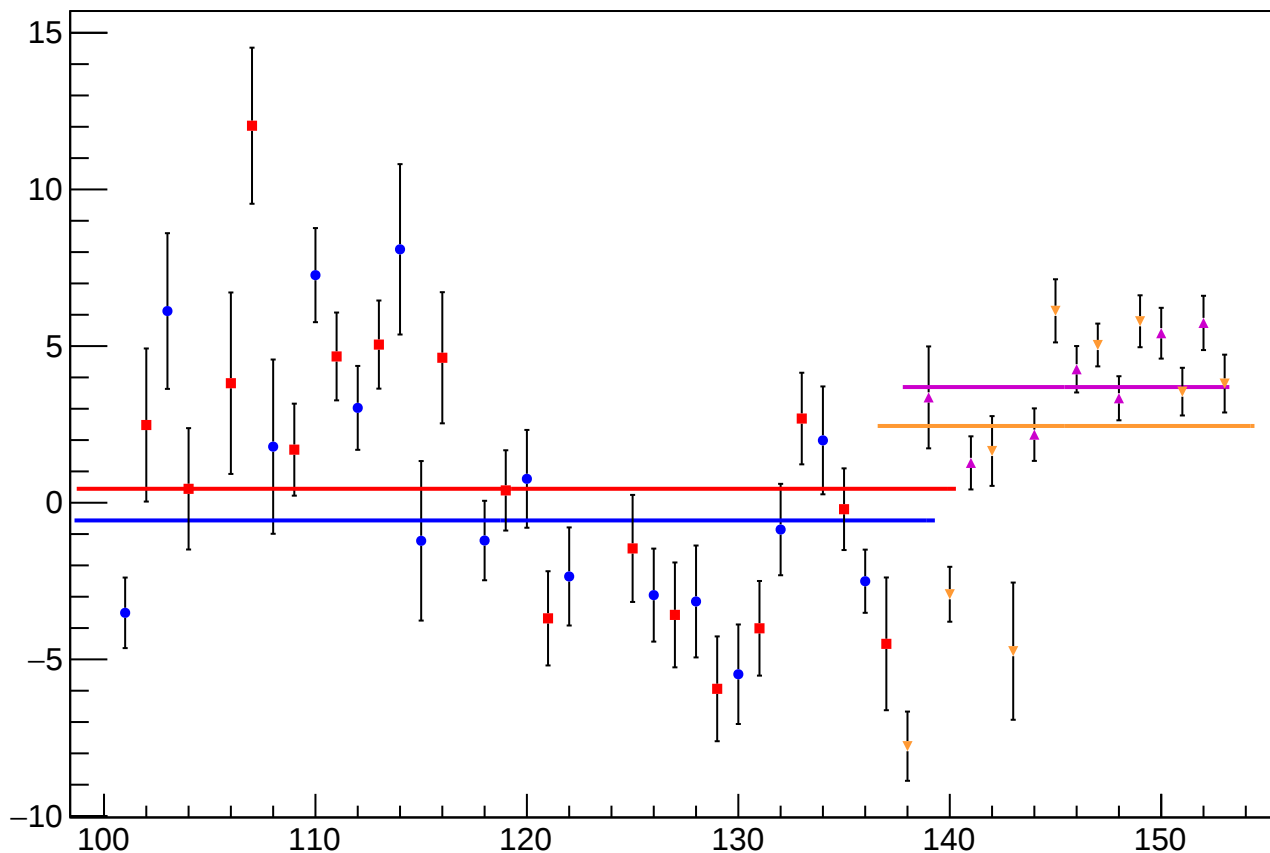
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.582 ± 0.319 χ^2/NDF : 553.1/22

Out: -50.937 ± 0.316 χ^2/NDF : 663.8/25

All: -52.249 ± 0.224 χ^2/NDF : 1251.7/48

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.565 ± 0.384 χ^2/NDF : 81.8/15

Left Out: 2.450 ± 0.307 χ^2/NDF : 182.5/8

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.693 ± 0.318 χ^2/NDF : 22.4/6

Left: 3.049 ± 0.221 χ^2/NDF : 212.8/15

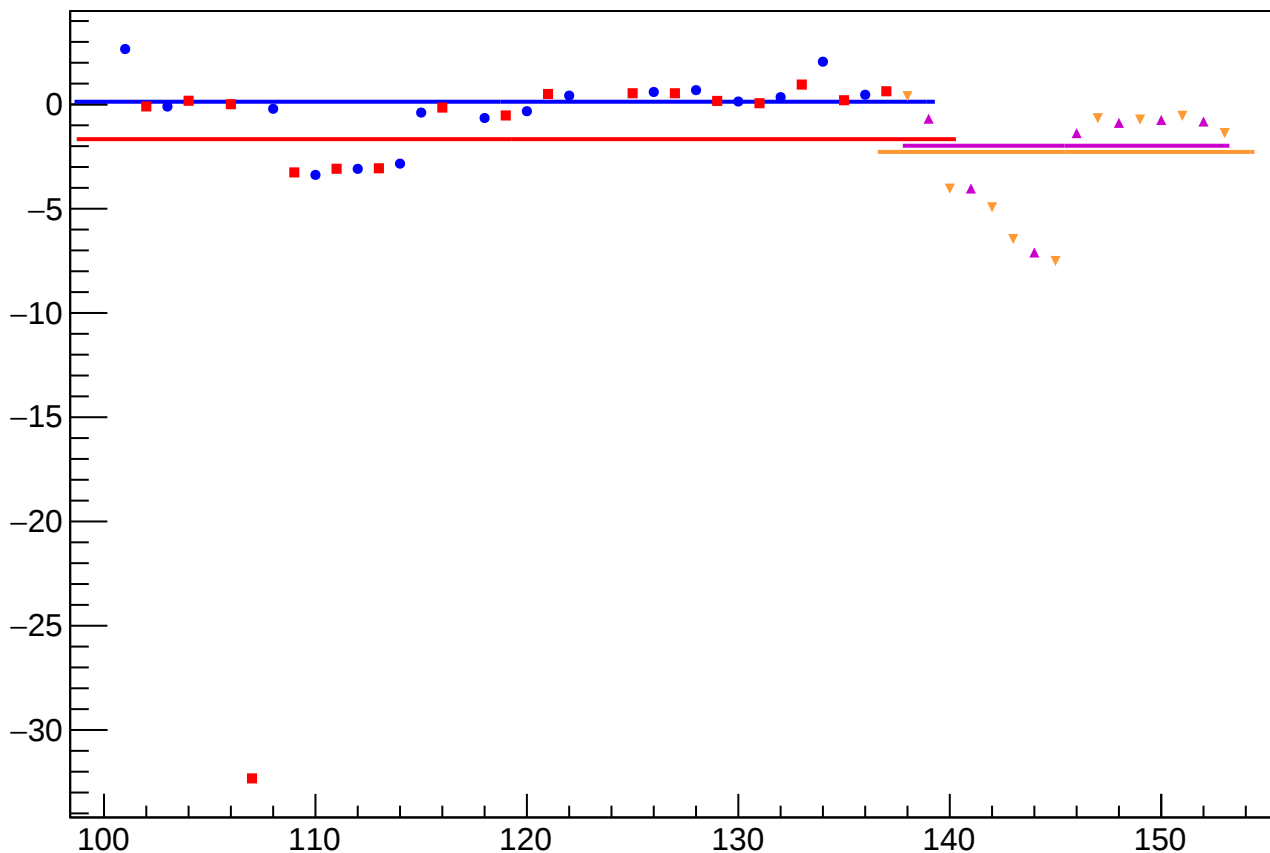
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 1.963 ± 0.245 χ^2/NDF : 177.1/22

Out: 1.708 ± 0.243 χ^2/NDF : 292.4/25

All: 1.835 ± 0.173 χ^2/NDF : 470.1/48

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: -2.276 ± 0.015 $\chi^2/\text{NDF}: 28955.9/8$

Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$

Left In: -1.980 ± 0.015 $\chi^2/\text{NDF}: 18644.6/6$

Left: -2.130 ± 0.011 $\chi^2/\text{NDF}: 47787.7/15$

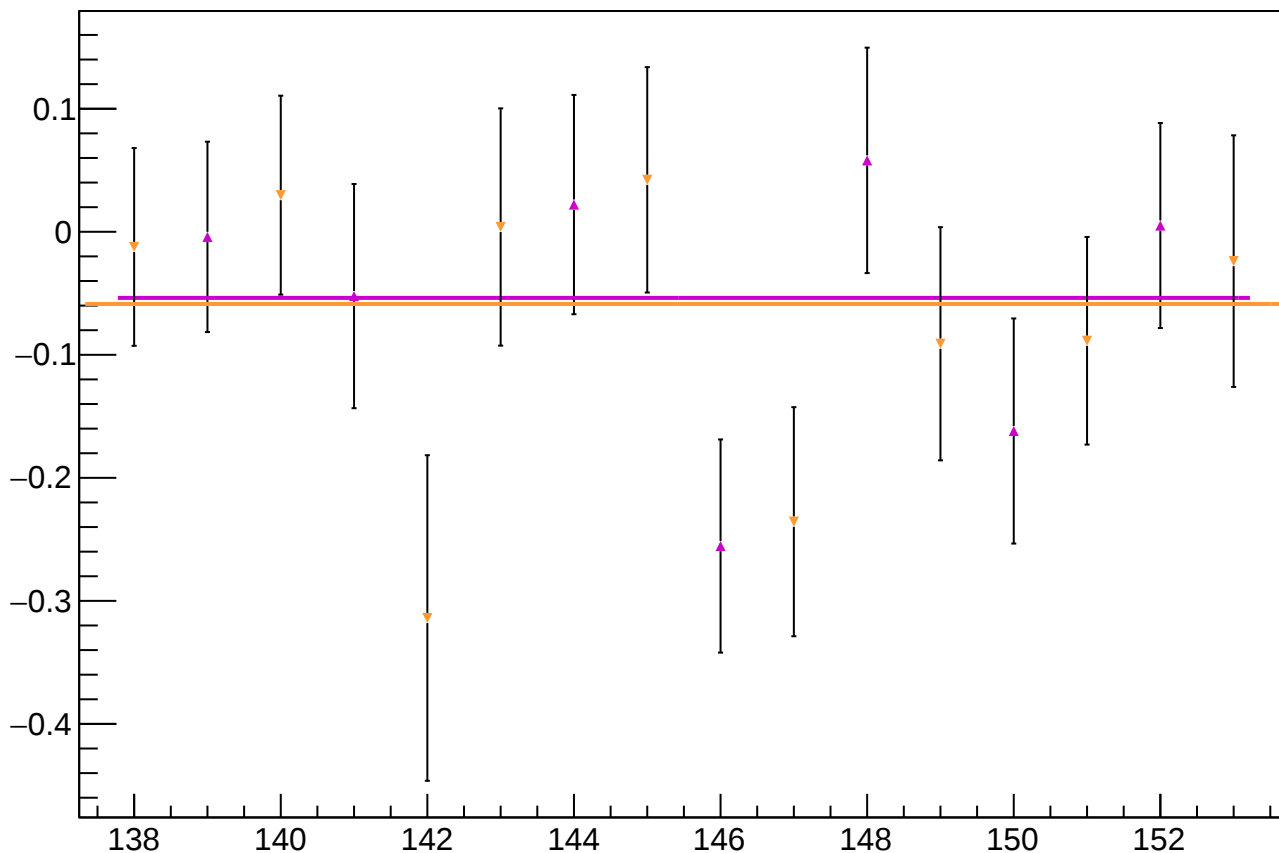
Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$

In: -1.265 ± 0.013 $\chi^2/\text{NDF}: 30241.2/22$

Out: -2.077 ± 0.012 $\chi^2/\text{NDF}: 107085.0/25$

All: -1.672 ± 0.009 $\chi^2/\text{NDF}: 139433.6/48$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.059+/-0.031 χ^2/NDF :10.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.054+/-0.033 χ^2/NDF :9.9/6

Left: -0.056+/-0.022 χ^2/NDF : 20.8/15

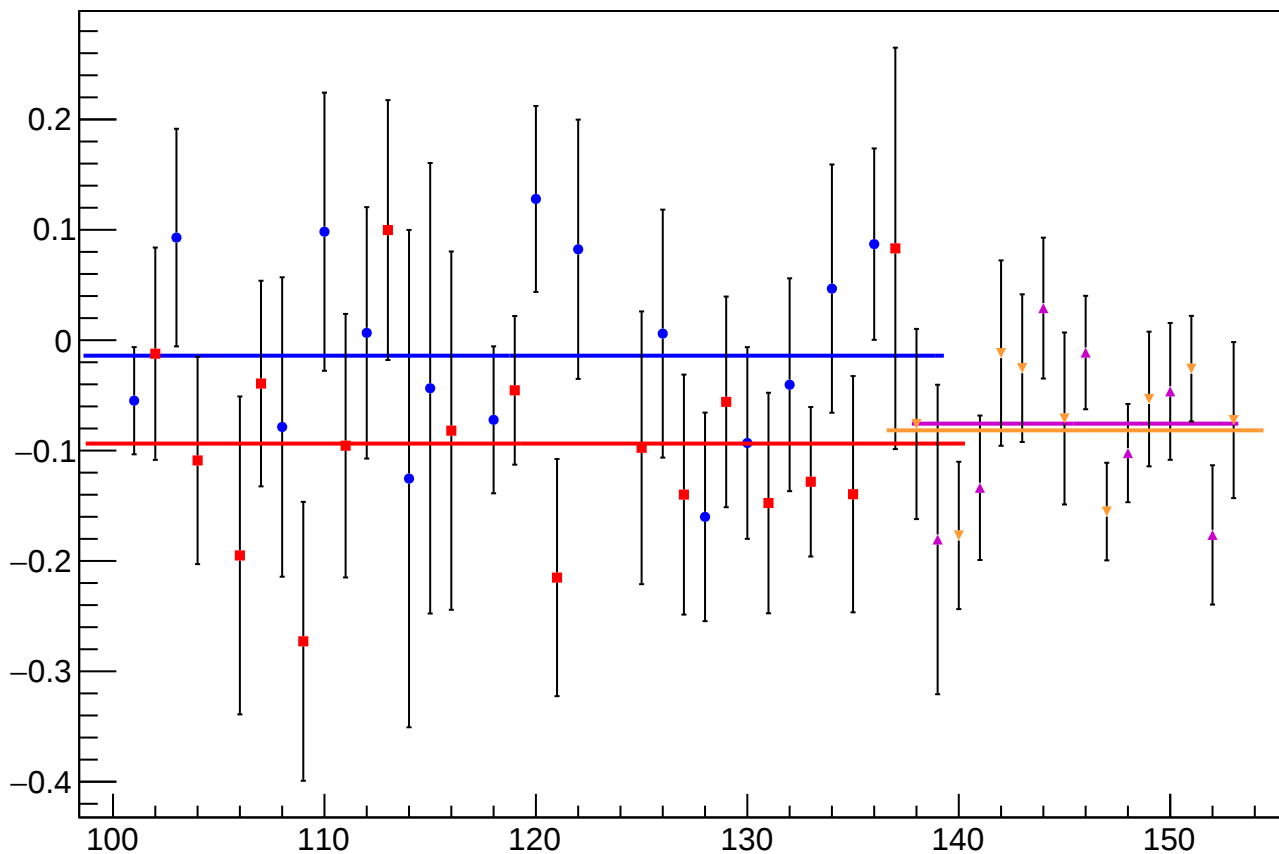
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.054+/-0.033 χ^2/NDF :9.9/6

Out: -0.059+/-0.031 χ^2/NDF :10.9/8

All: -0.056+/-0.022 χ^2/NDF : 20.8/15

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.014 ± 0.023 $\chi^2/\text{NDF}: 12.5/15$

Left Out: -0.082 ± 0.021 $\chi^2/\text{NDF}: 7.8/8$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.076 ± 0.023 $\chi^2/\text{NDF}: 8.7/6$

Left: -0.079 ± 0.015 $\chi^2/\text{NDF}: 16.6/15$

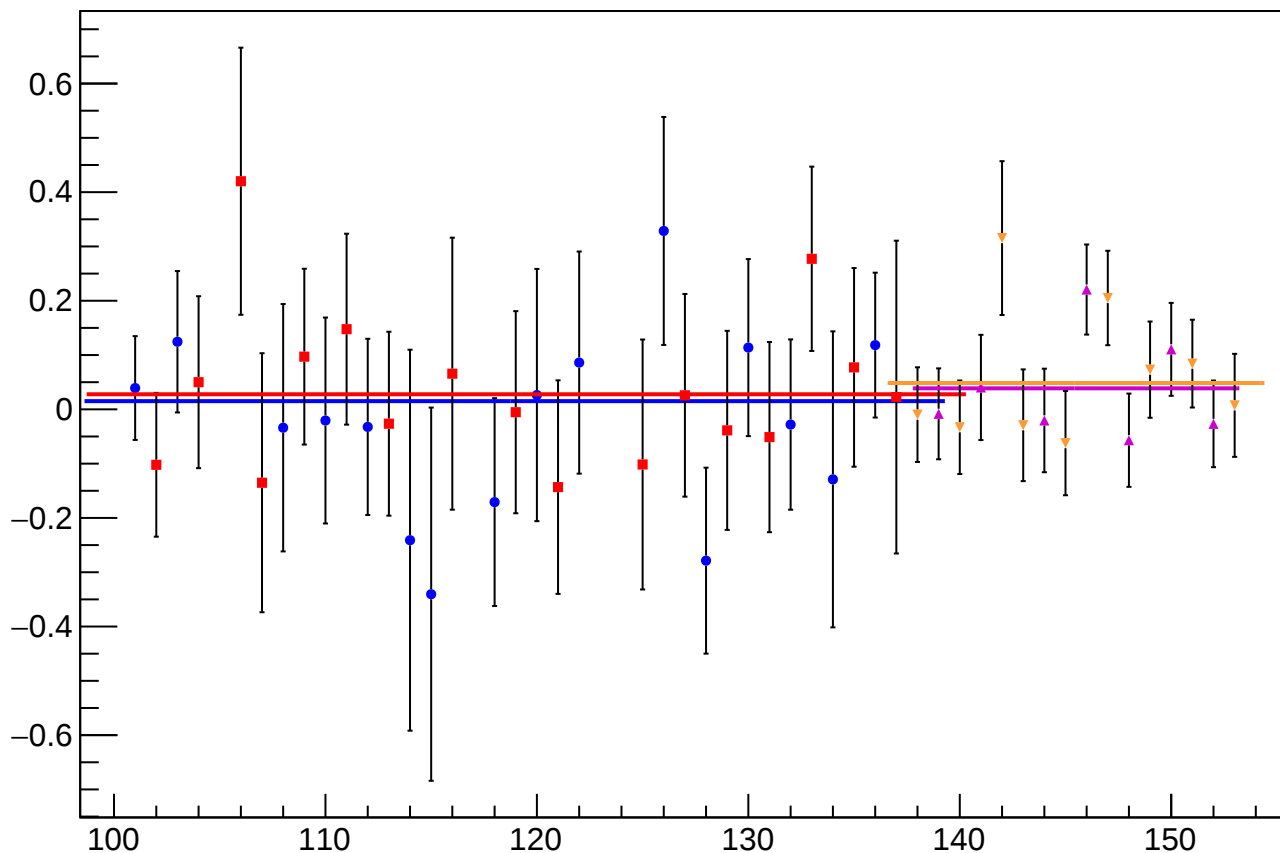
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.045 ± 0.016 $\chi^2/\text{NDF}: 24.8/22$

Out: -0.087 ± 0.016 $\chi^2/\text{NDF}: 18.1/25$

All: -0.066 ± 0.011 $\chi^2/\text{NDF}: 46.1/48$

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.043 χ^2 /NDF: 10.1/15

Left Out: 0.049 $\pm$ 0.031 χ^2 /NDF:10.5/8

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.039 $\pm$ 0.033 χ^2 /NDF:8.1/6

Left: 0.044 $\pm$ 0.022 χ^2 /NDF: 18.7/15

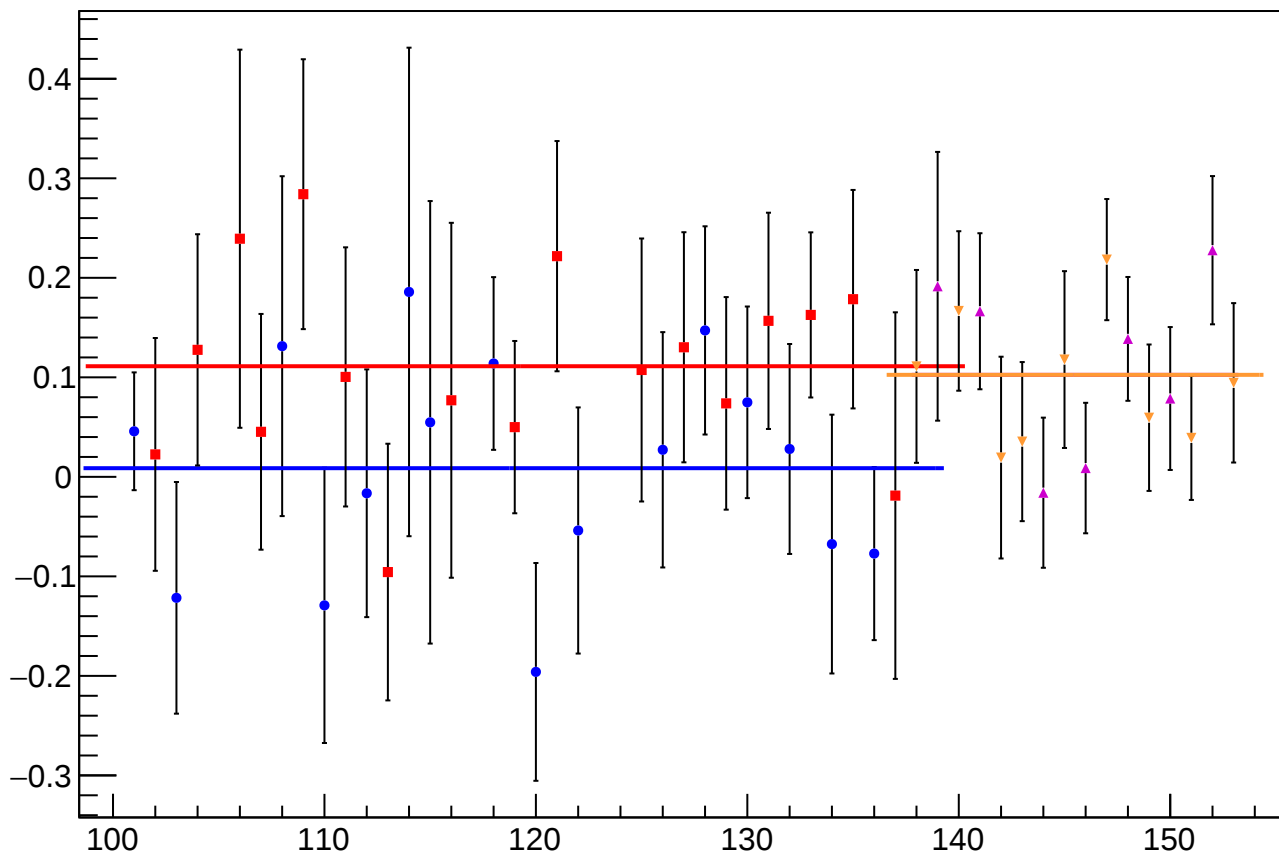
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.030 $\pm$ 0.026 χ^2 /NDF:18.4/22

Out: 0.042 $\pm$ 0.026 χ^2 /NDF:19.1/25

All: 0.036 $\pm$ 0.018 χ^2 /NDF: 37.6/48

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.103 $\pm$ 0.026 χ^2 /NDF: 7.1/8

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.102 $\pm$ 0.028 χ^2 /NDF: 8.9/6

Left: 0.102 $\pm$ 0.019 χ^2 /NDF: 15.9/15

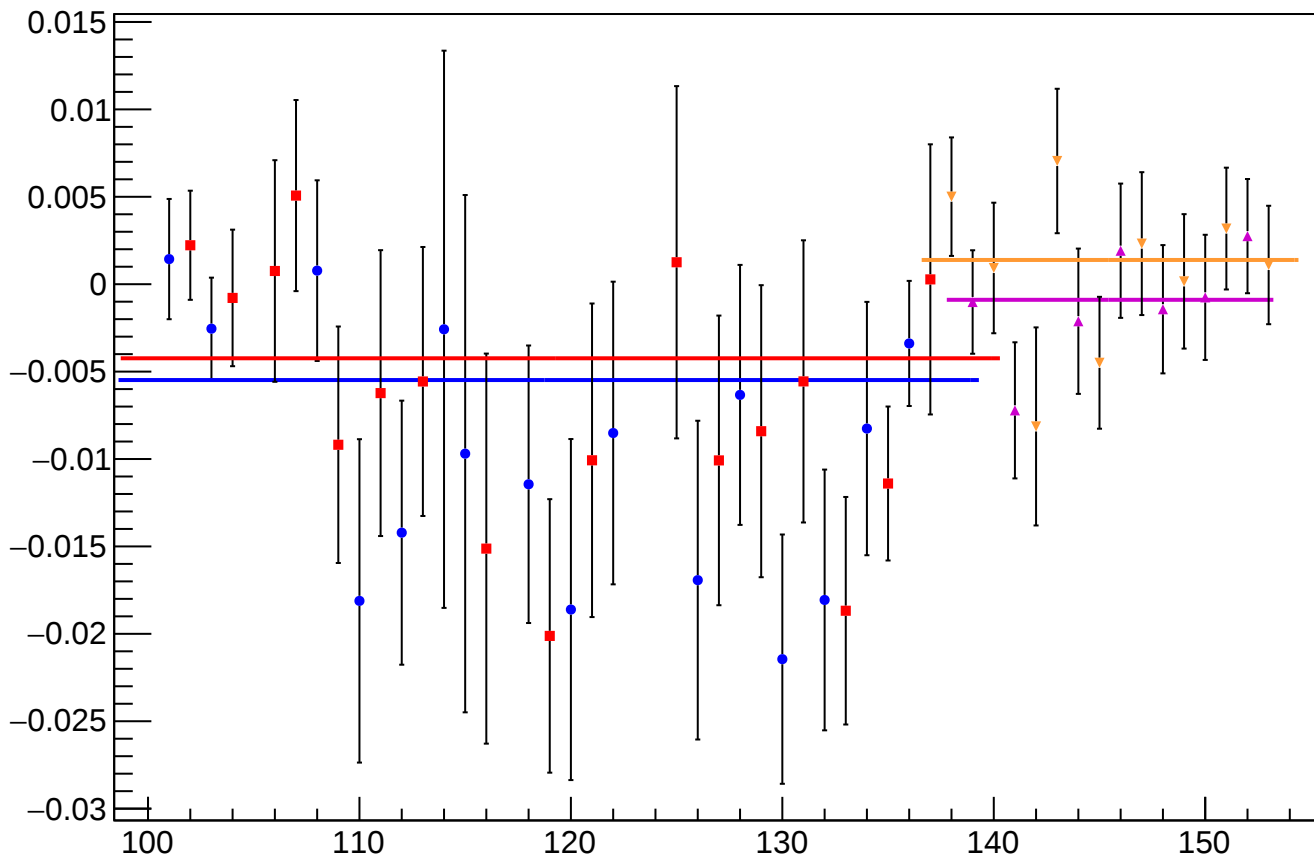
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.053 $\pm$ 0.019 χ^2 /NDF: 27.3/22

Out: 0.106 $\pm$ 0.019 χ^2 /NDF: 15.7/25

All: 0.080 $\pm$ 0.014 χ^2 /NDF: 46.7/48

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.005 ± 0.001 χ^2/NDF : 22.3/15

Left Out: 0.001 ± 0.001 χ^2/NDF : 8.7/8

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: -0.001 ± 0.001 χ^2/NDF : 4.5/6

Left: 0.000 ± 0.001 χ^2/NDF : 14.8/15

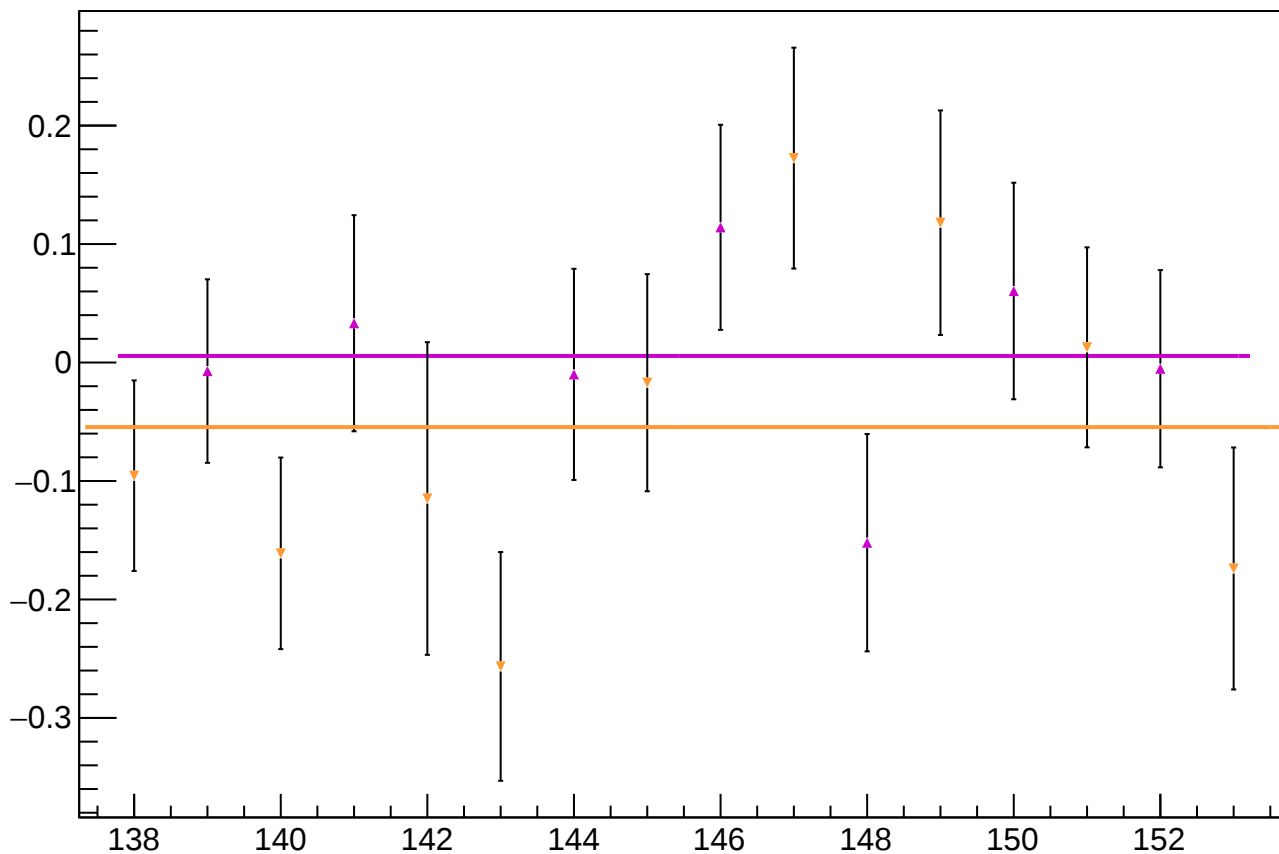
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.003 ± 0.001 χ^2/NDF : 32.2/22

Out: -0.001 ± 0.001 χ^2/NDF : 40.8/25

All: -0.002 ± 0.001 χ^2/NDF : 75.1/48

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: -0.054 $\pm$ 0.031 χ^2 /NDF:18.0/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Left: -0.026 $\pm$ 0.022 χ^2 /NDF: 24.8/15

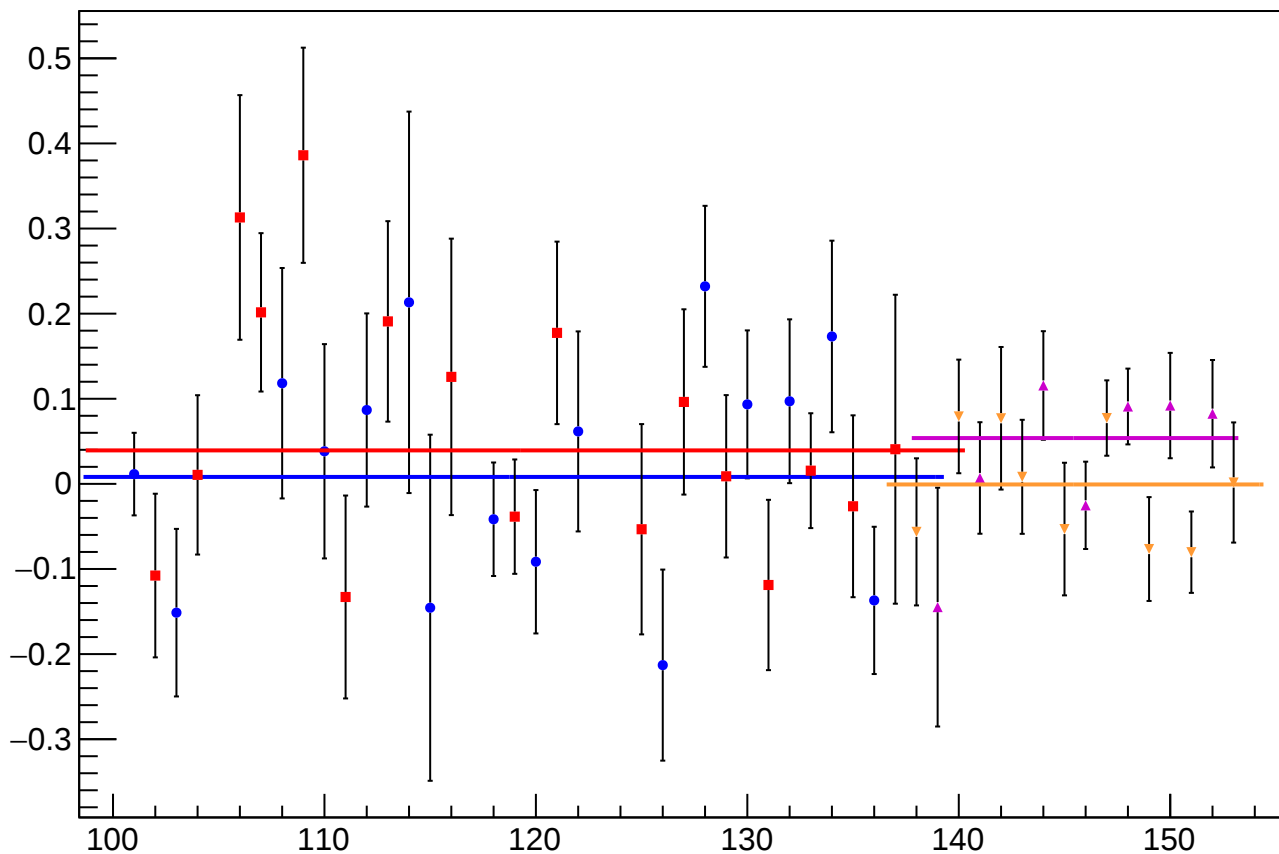
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.006 $\pm$ 0.033 χ^2 /NDF:5.1/6

Out: -0.054 $\pm$ 0.031 χ^2 /NDF:18.0/8

All: -0.026 $\pm$ 0.022 χ^2 /NDF: 24.8/15

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.008 ± 0.023 $\chi^2/\text{NDF}: 23.7/15$

Left Out: -0.001 ± 0.021 $\chi^2/\text{NDF}: 10.6/8$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.054 ± 0.023 $\chi^2/\text{NDF}: 7.1/6$

Left: 0.024 ± 0.015 $\chi^2/\text{NDF}: 20.8/15$

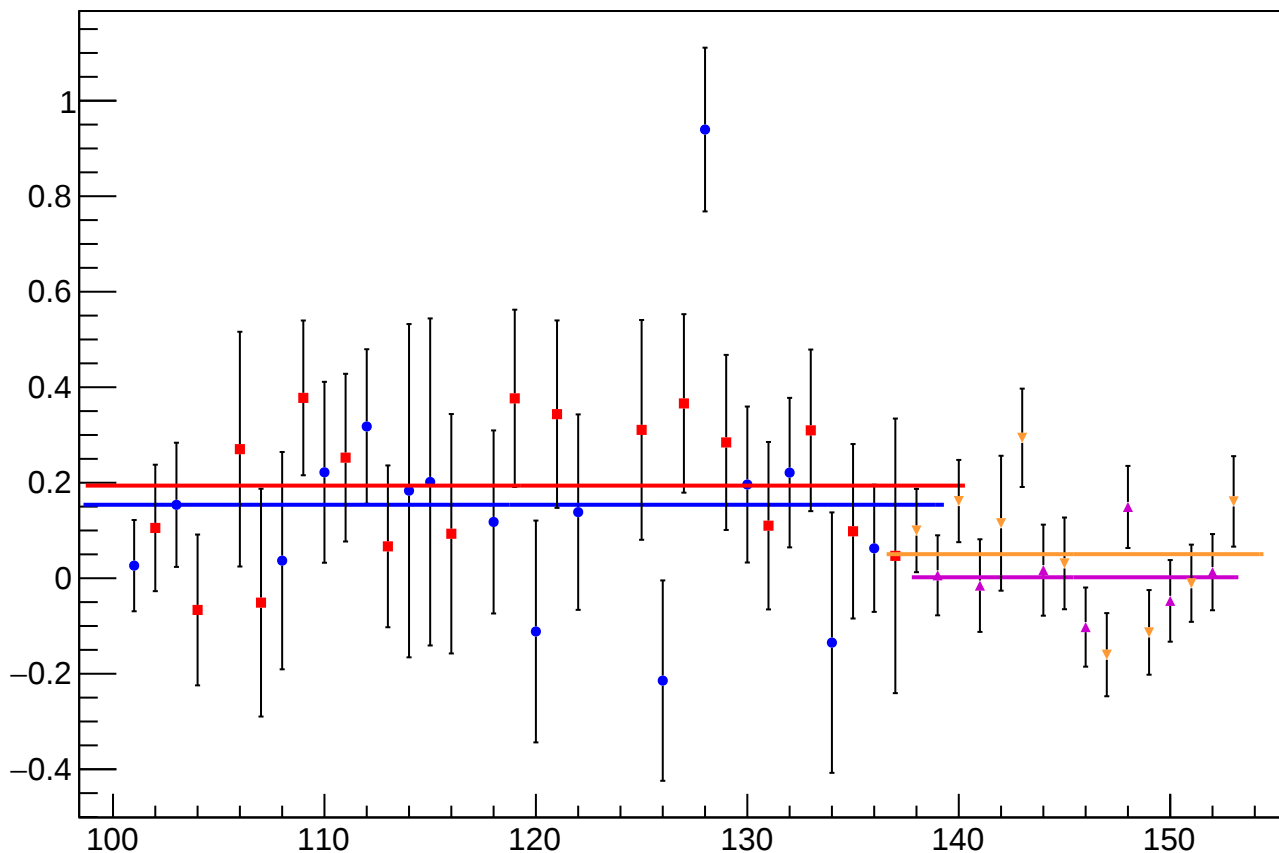
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.031 ± 0.016 $\chi^2/\text{NDF}: 32.7/22$

Out: 0.016 ± 0.016 $\chi^2/\text{NDF}: 39.7/25$

All: 0.024 ± 0.011 $\chi^2/\text{NDF}: 72.9/48$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 χ^2/NDF : 30.5/15

Left Out: 0.050 ± 0.031 χ^2/NDF : 19.0/8

Right Out: 0.194 ± 0.045 χ^2/NDF : 10.6/16

Left In: 0.002 ± 0.033 χ^2/NDF : 4.9/6

Left: 0.028 ± 0.022 χ^2/NDF : 25.1/15

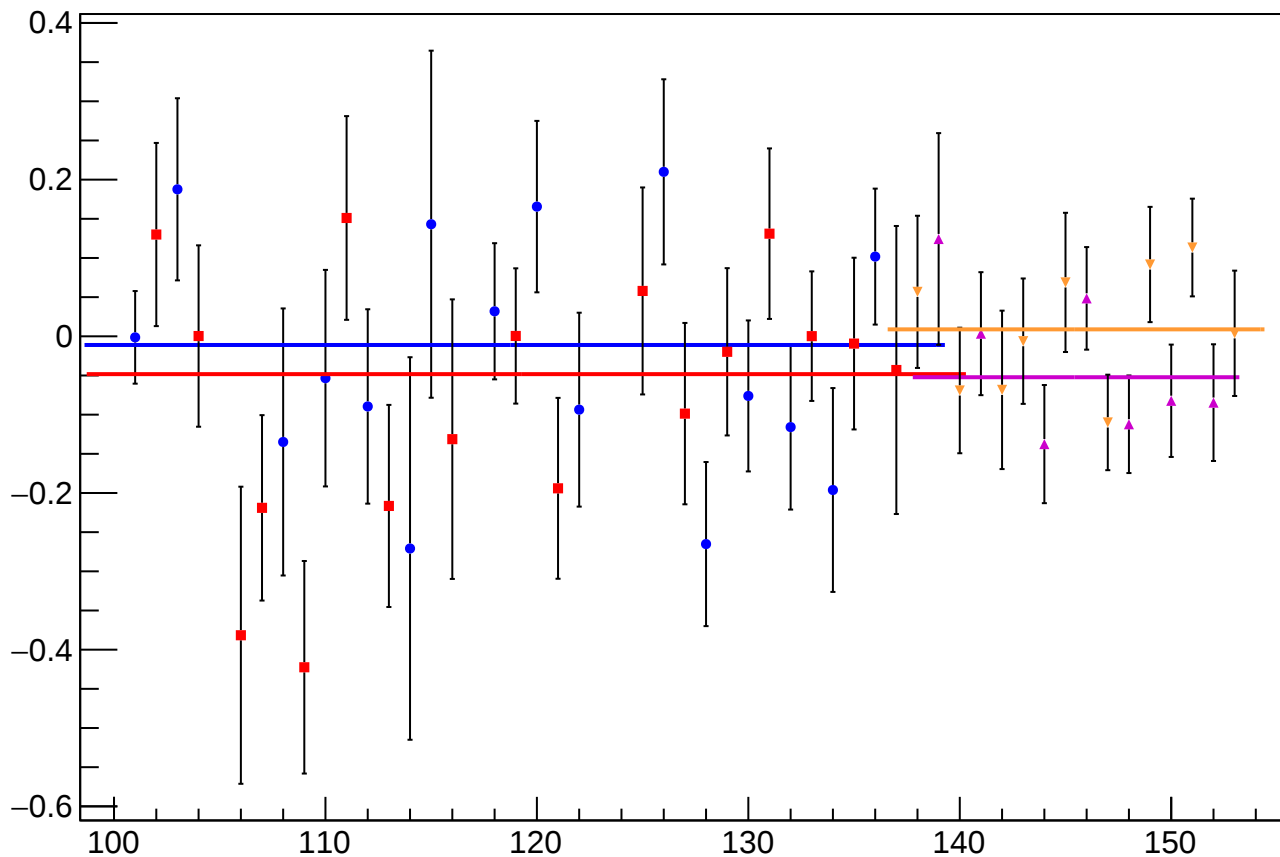
Right: 0.173 ± 0.031 χ^2/NDF : 41.5/32

In: 0.058 ± 0.026 χ^2/NDF : 43.4/22

Out: 0.097 ± 0.026 χ^2/NDF : 36.5/25

All: 0.078 ± 0.018 χ^2/NDF : 81.0/48

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: 0.009 ± 0.026 χ^2/NDF : 10.1/8

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.052 ± 0.028 χ^2/NDF : 7.1/6

Left: -0.019 ± 0.019 χ^2/NDF : 19.8/15

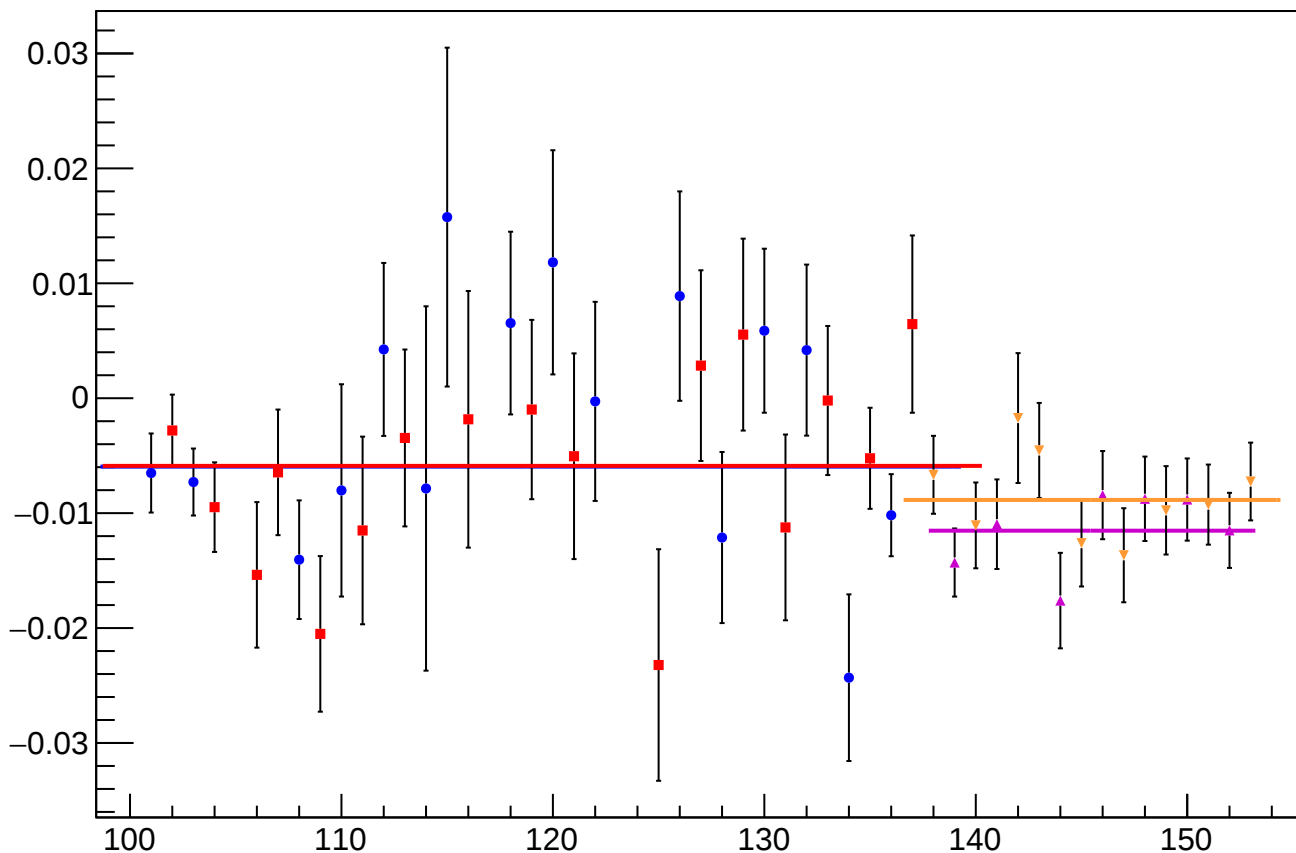
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.031 ± 0.019 χ^2/NDF : 31.7/22

Out: -0.017 ± 0.019 χ^2/NDF : 37.9/25

All: -0.024 ± 0.014 χ^2/NDF : 69.9/48

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 6.1/8

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.012 ± 0.001 χ^2/NDF : 4.8/6

Left: -0.010 ± 0.001 χ^2/NDF : 13.0/15

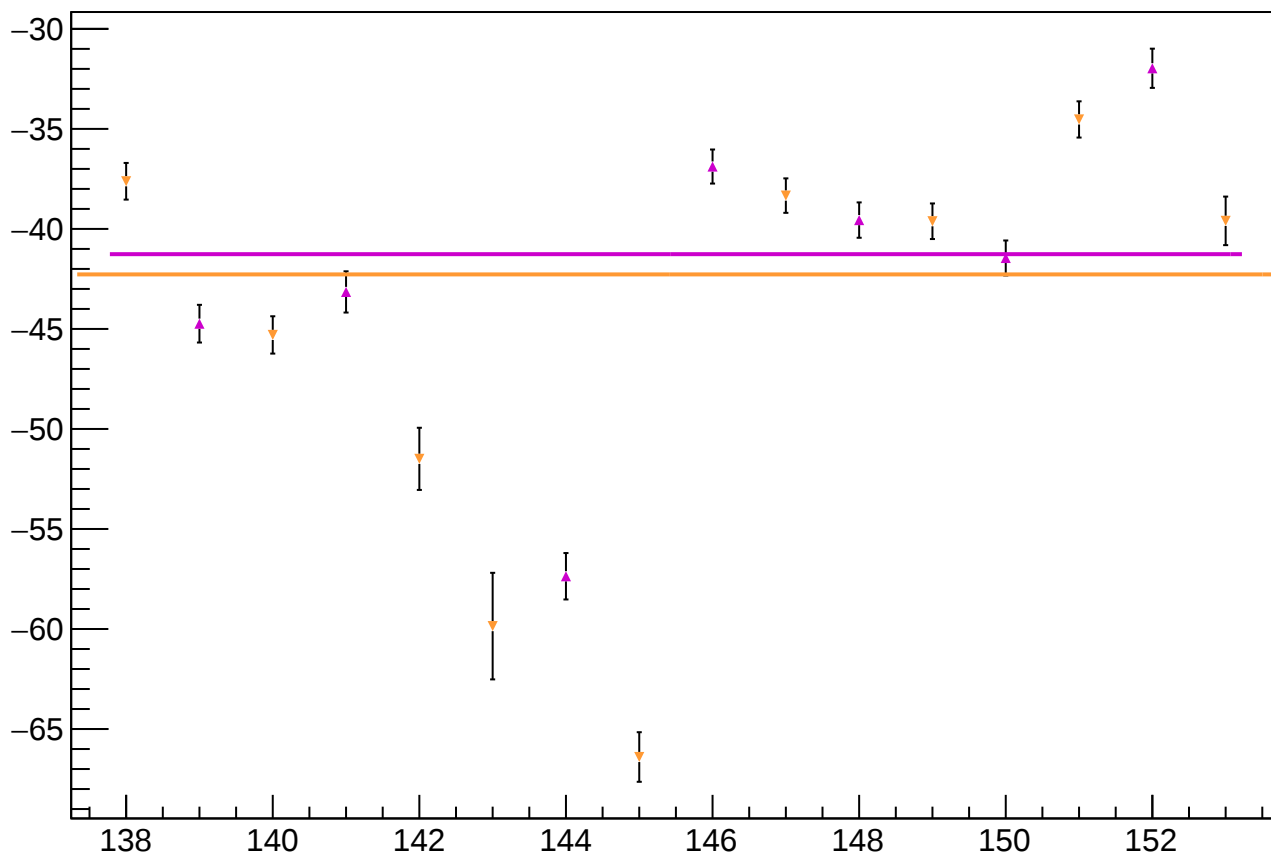
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 41.6/22

Out: -0.008 ± 0.001 χ^2/NDF : 28.0/25

All: -0.008 ± 0.001 χ^2/NDF : 70.6/48

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: -42.274+/-0.352 χ^2/NDF :601.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.263+/-0.358 χ^2/NDF :329.6/6

Left: -41.776+/-0.251 χ^2/NDF : 935.4/15

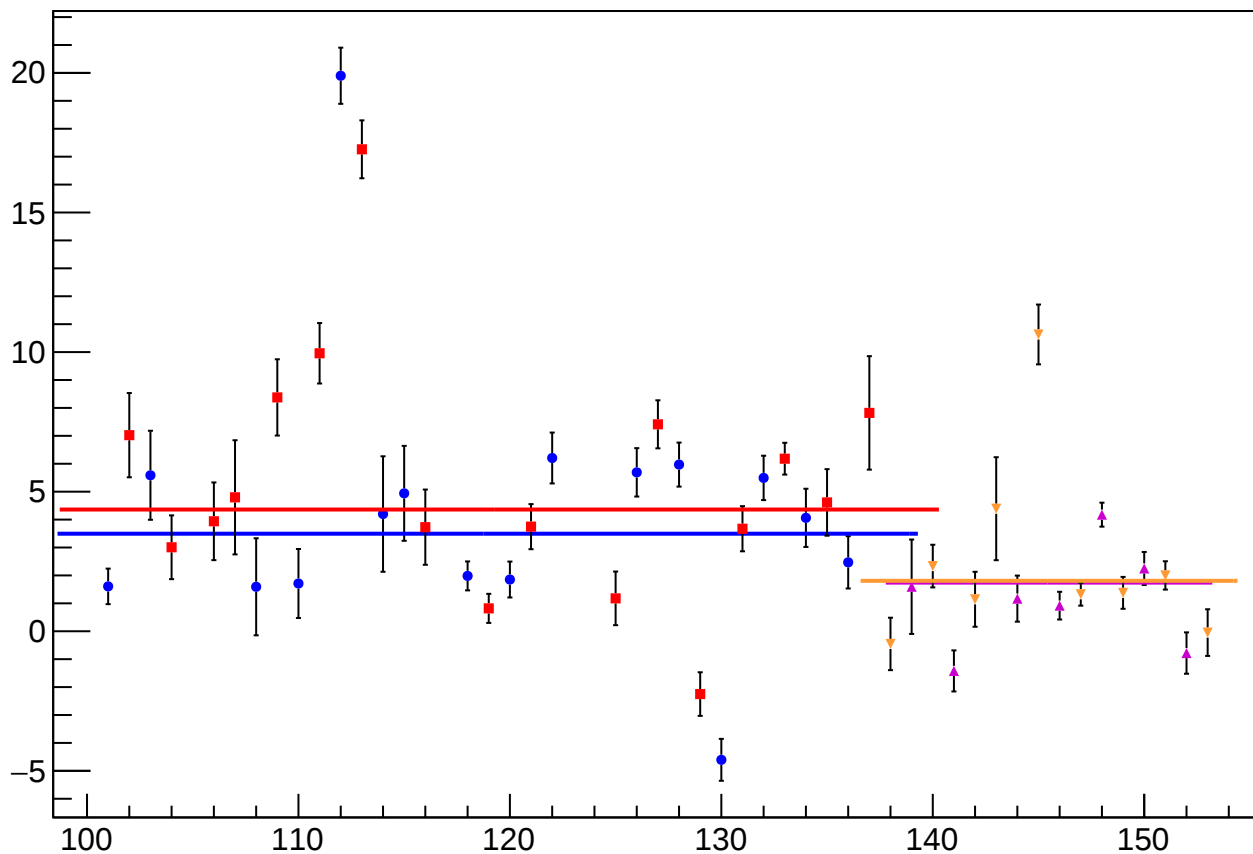
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.263+/-0.358 χ^2/NDF :329.6/6

Out: -42.274+/-0.352 χ^2/NDF :601.8/8

All: -41.776+/-0.251 χ^2/NDF : 935.4/15

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: 1.807 $\pm$ 0.227 χ^2 /NDF:83.5/8

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.742 $\pm$ 0.237 χ^2 /NDF:66.3/6

Left: 1.776 $\pm$ 0.164 χ^2 /NDF: 149.9/15

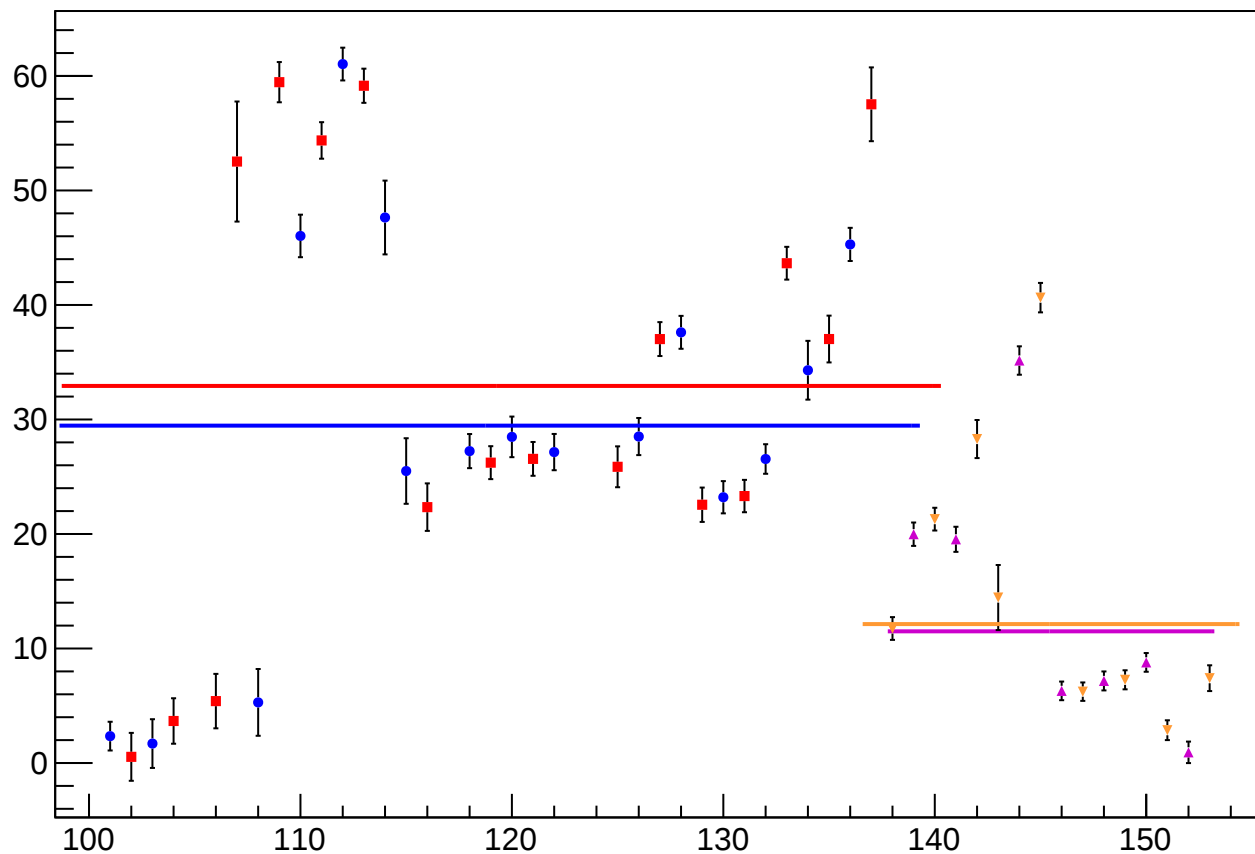
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.692 $\pm$ 0.160 χ^2 /NDF:540.8/22

Out: 3.093 $\pm$ 0.160 χ^2 /NDF:498.3/25

All: 2.892 $\pm$ 0.113 χ^2 /NDF: 1042.2/48

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.463 $\pm$ 0.418 χ^2 /NDF: 1491.6/15

Left Out: 12.132 $\pm$ 0.349 χ^2 /NDF: 891.8/8

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 11.499 $\pm$ 0.353 χ^2 /NDF: 691.8/6

Left: 11.819 $\pm$ 0.248 χ^2 /NDF: 1585.3/15

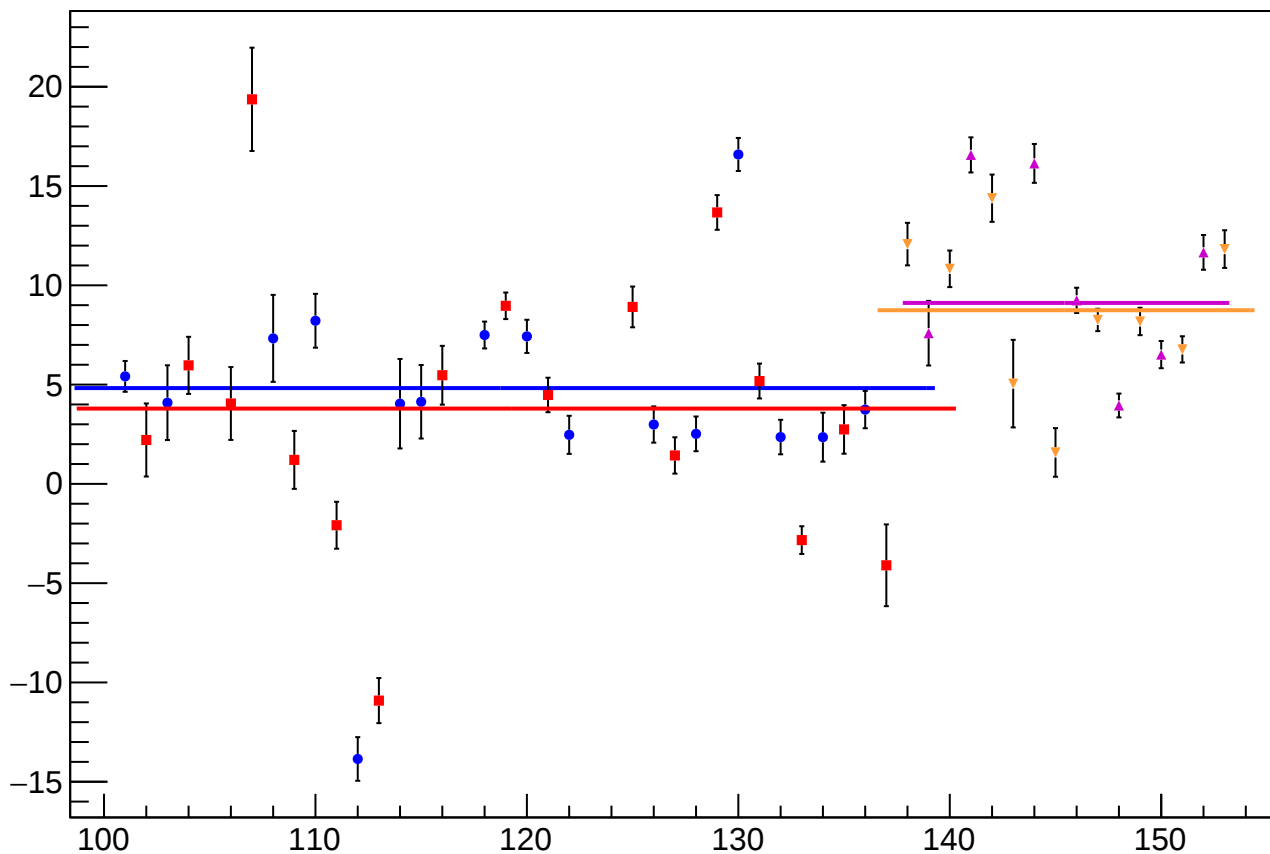
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 18.981 $\pm$ 0.269 χ^2 /NDF: 3263.6/22

Out: 20.531 $\pm$ 0.269 χ^2 /NDF: 3954.0/25

All: 19.757 $\pm$ 0.190 χ^2 /NDF: 7234.2/48

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 8.744 ± 0.285 $\chi^2/\text{NDF}: 95.1/8$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.113 ± 0.296 $\chi^2/\text{NDF}: 220.5/6$

Left: 8.922 ± 0.206 $\chi^2/\text{NDF}: 316.5/15$

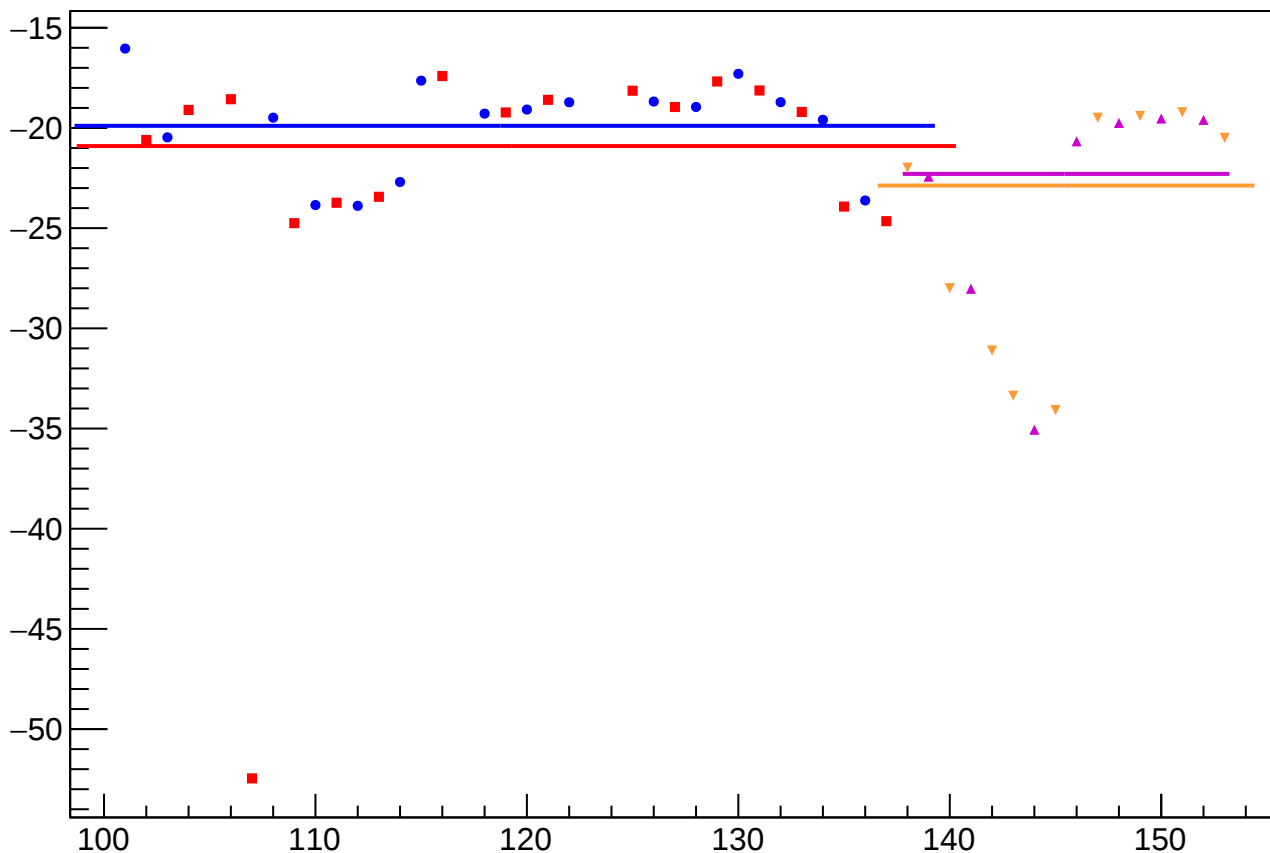
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 6.621 ± 0.192 $\chi^2/\text{NDF}: 895.2/22$

Out: 6.029 ± 0.192 $\chi^2/\text{NDF}: 823.9/25$

All: 6.325 ± 0.136 $\chi^2/\text{NDF}: 1723.9/48$

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: -22.874 ± 0.015 $\chi^2/\text{NDF}: 116810.7/8$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -22.292 ± 0.015 $\chi^2/\text{NDF}: 90151.4/6$

Left: -22.583 ± 0.010 $\chi^2/\text{NDF}: 207751.2/15$

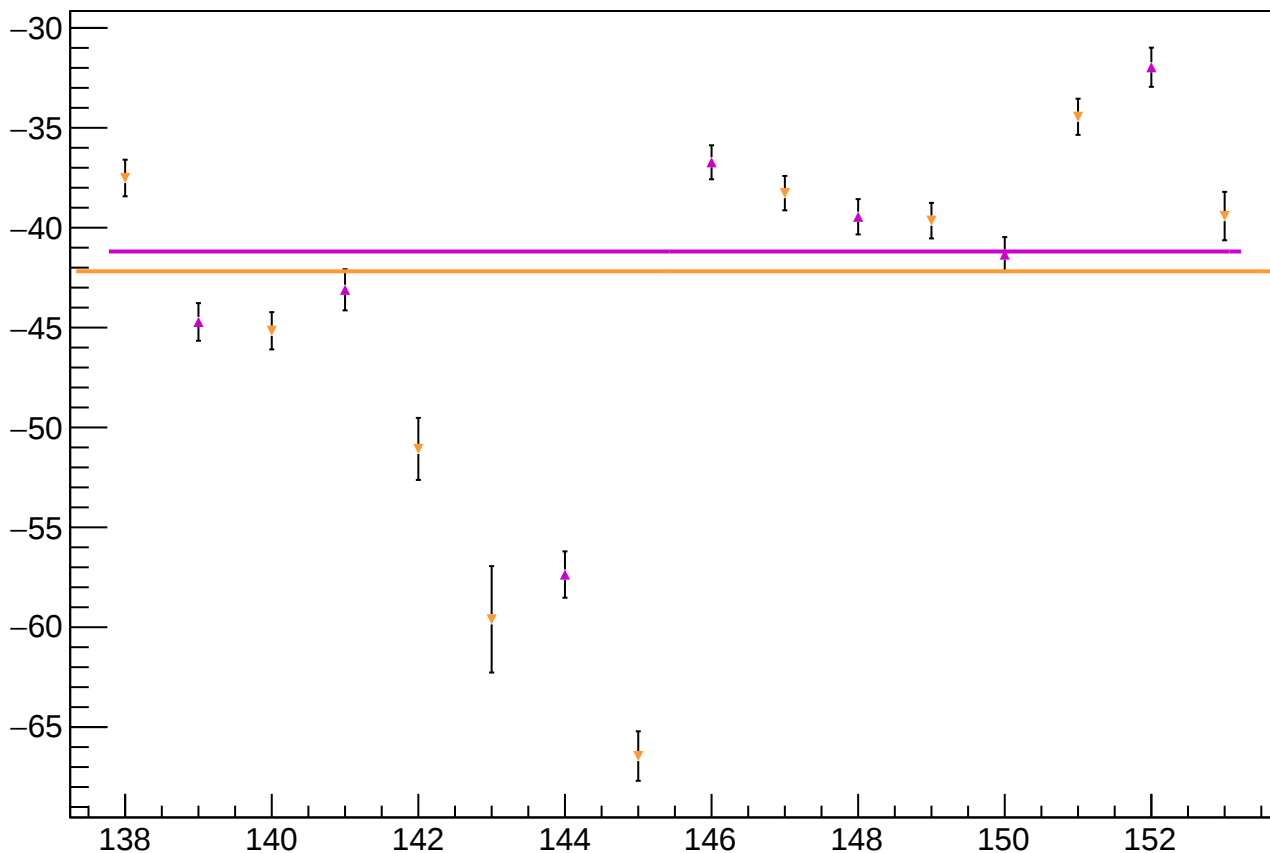
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -21.166 ± 0.011 $\chi^2/\text{NDF}: 128820.8/22$

Out: -21.960 ± 0.011 $\chi^2/\text{NDF}: 218017.1/25$

All: -21.561 ± 0.008 $\chi^2/\text{NDF}: 349594.3/48$

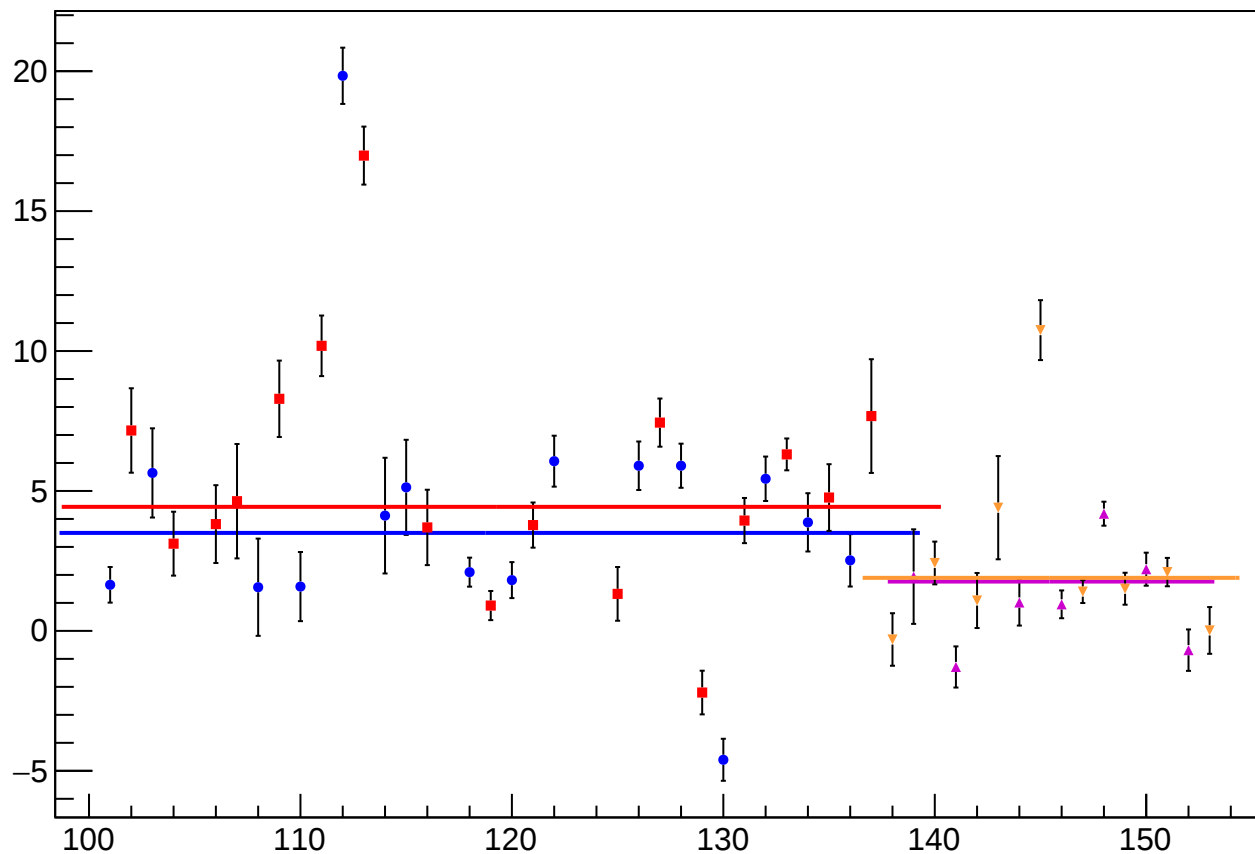
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -42.183+/-0.352 χ^2/NDF :602.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.191+/-0.357 χ^2/NDF :332.0/6

Left: -41.695+/-0.251 χ^2/NDF : 938.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -41.191+/-0.357 χ^2/NDF :332.0/6
 Out: -42.183+/-0.352 χ^2/NDF :602.6/8
 All: -41.695+/-0.251 χ^2/NDF : 938.5/15

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.896 ± 0.227 $\chi^2/\text{NDF}: 84.0/8$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.763 ± 0.237 $\chi^2/\text{NDF}: 64.3/6$

Left: 1.832 ± 0.164 $\chi^2/\text{NDF}: 148.4/15$

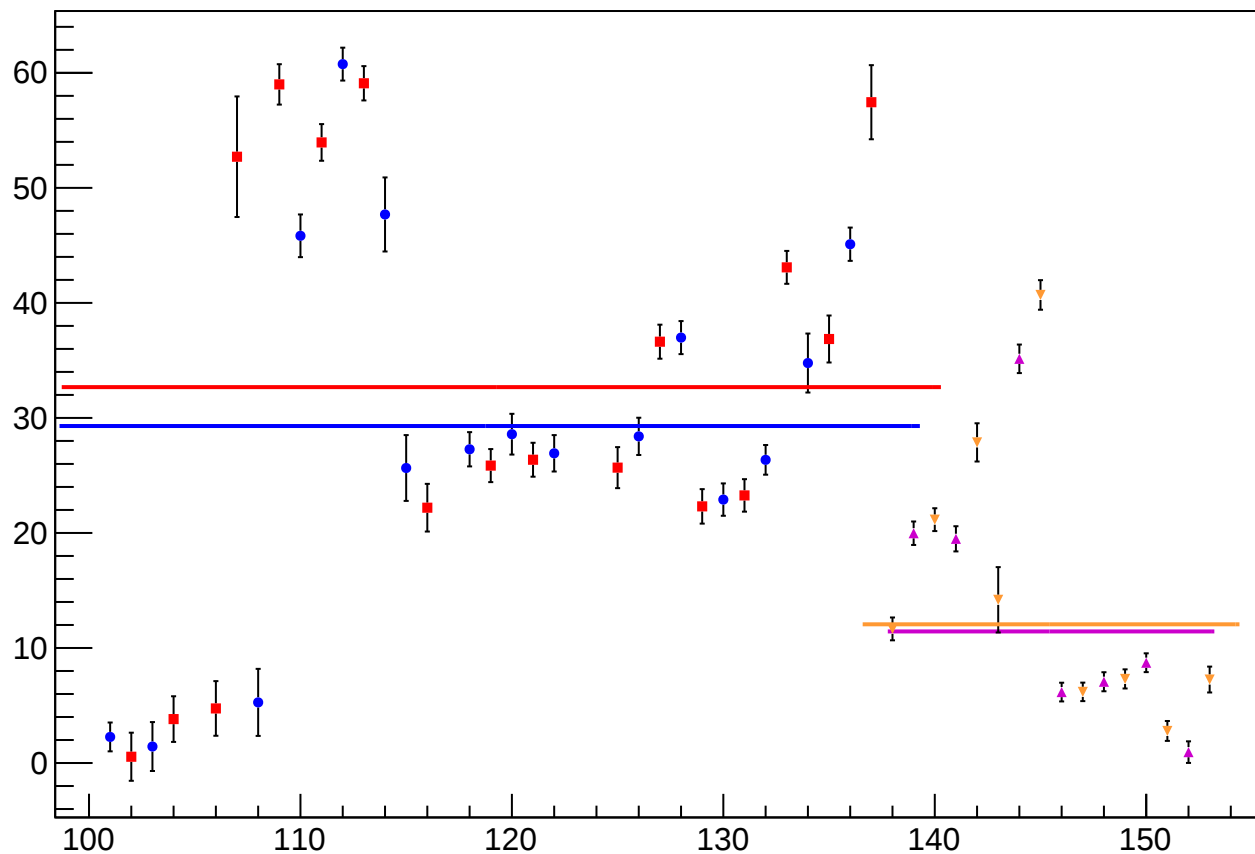
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.705 ± 0.160 $\chi^2/\text{NDF}: 535.4/22$

Out: 3.173 ± 0.160 $\chi^2/\text{NDF}: 490.6/25$

All: 2.939 ± 0.113 $\chi^2/\text{NDF}: 1030.3/48$

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: 12.058 $\pm$ 0.348 χ^2 /NDF: 890.6/8

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 11.438 $\pm$ 0.353 χ^2 /NDF: 695.3/6

Left: 11.752 $\pm$ 0.248 χ^2 /NDF: 1587.4/15

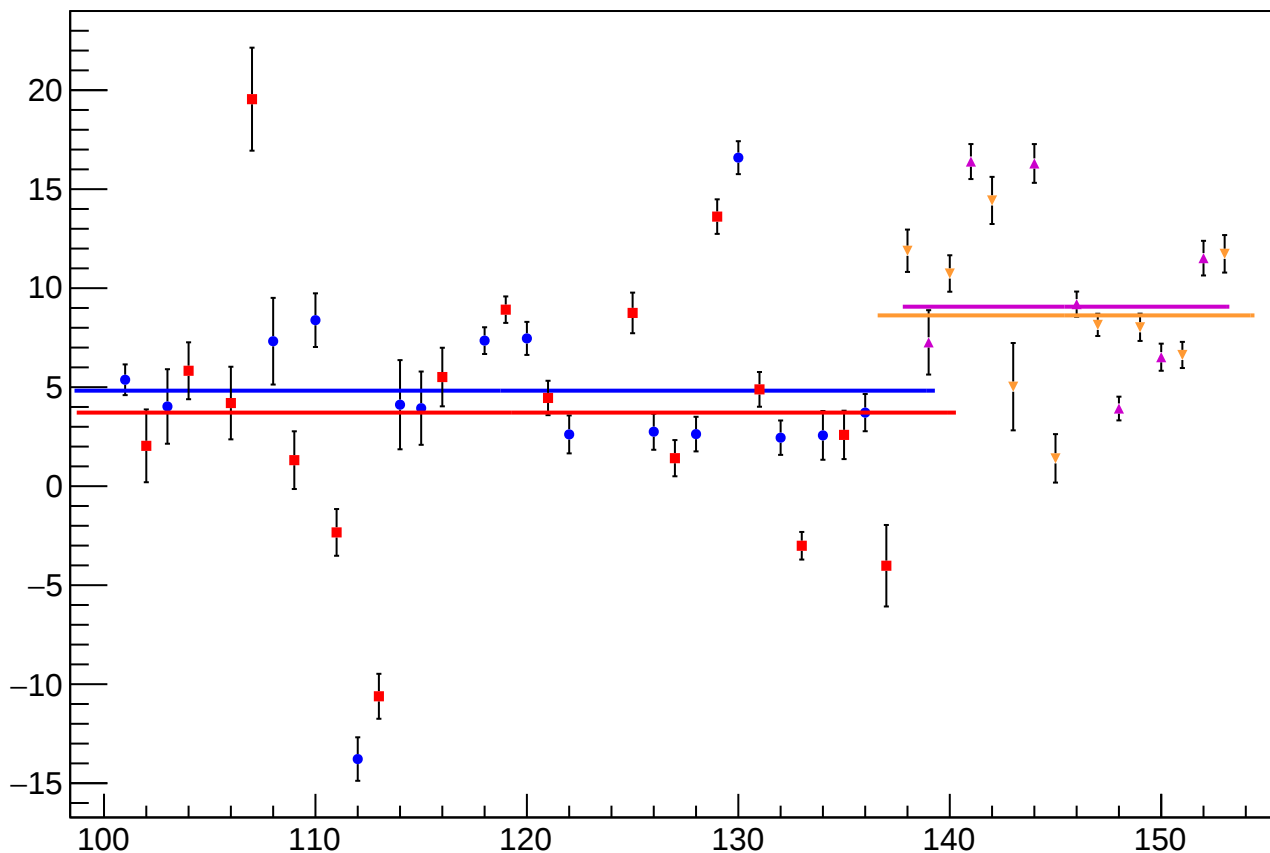
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 18.876 $\pm$ 0.269 χ^2 /NDF: 3249.5/22

Out: 20.387 $\pm$ 0.269 χ^2 /NDF: 3920.6/25

All: 19.632 $\pm$ 0.190 χ^2 /NDF: 7185.9/48

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 χ^2/NDF : 549.2/15

Left Out: 8.625 ± 0.285 χ^2/NDF : 97.3/8

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.065 ± 0.296 χ^2/NDF : 220.1/6

Left: 8.837 ± 0.205 χ^2/NDF : 318.5/15

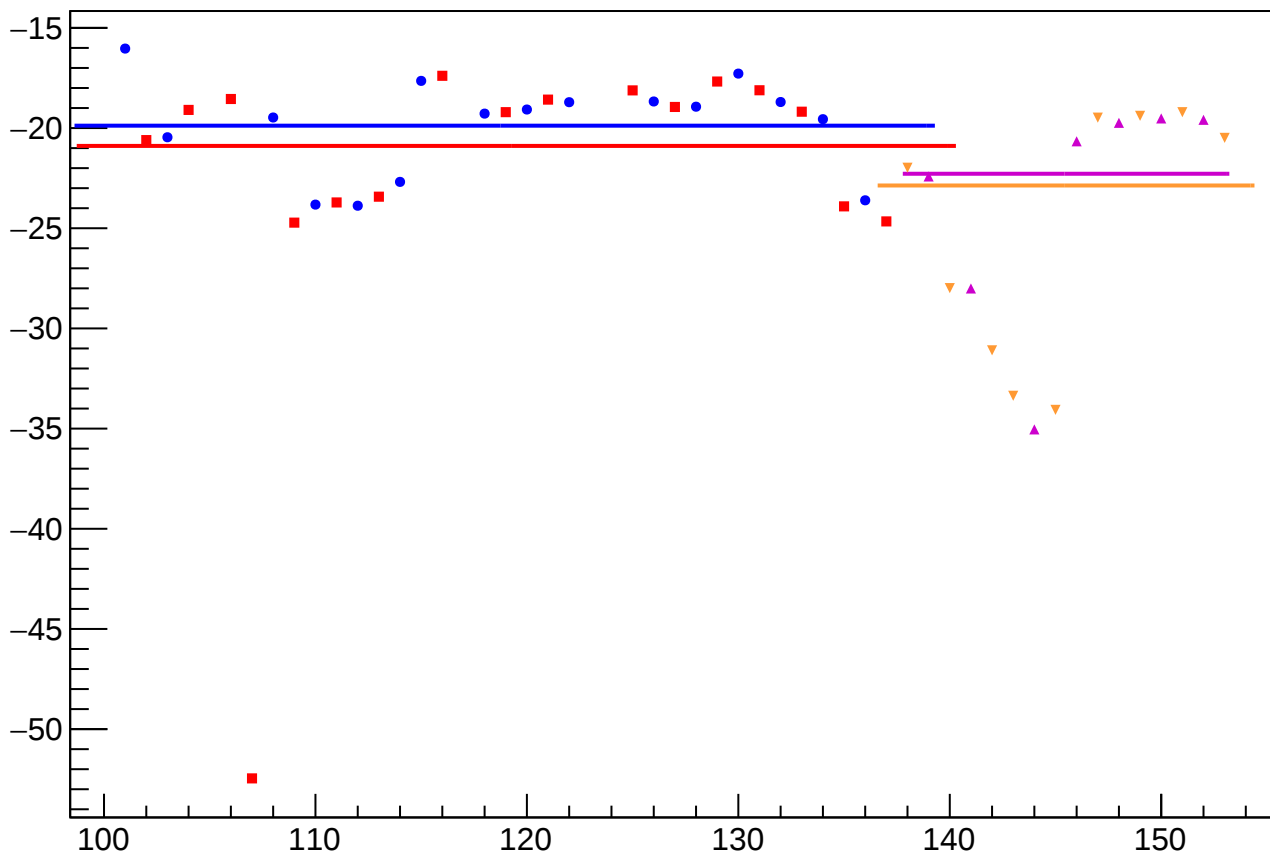
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 6.601 ± 0.192 χ^2/NDF : 888.4/22

Out: 5.933 ± 0.192 χ^2/NDF : 819.7/25

All: 6.267 ± 0.136 χ^2/NDF : 1714.2/48

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: -22.866 ± 0.015 $\chi^2/\text{NDF}: 116890.3/8$

Right Out: -20.891 ± 0.016 $\chi^2/\text{NDF}: 92913.6/16$

Left In: -22.280 ± 0.015 $\chi^2/\text{NDF}: 90105.3/6$

Left: -22.573 ± 0.010 $\chi^2/\text{NDF}: 207795.7/15$

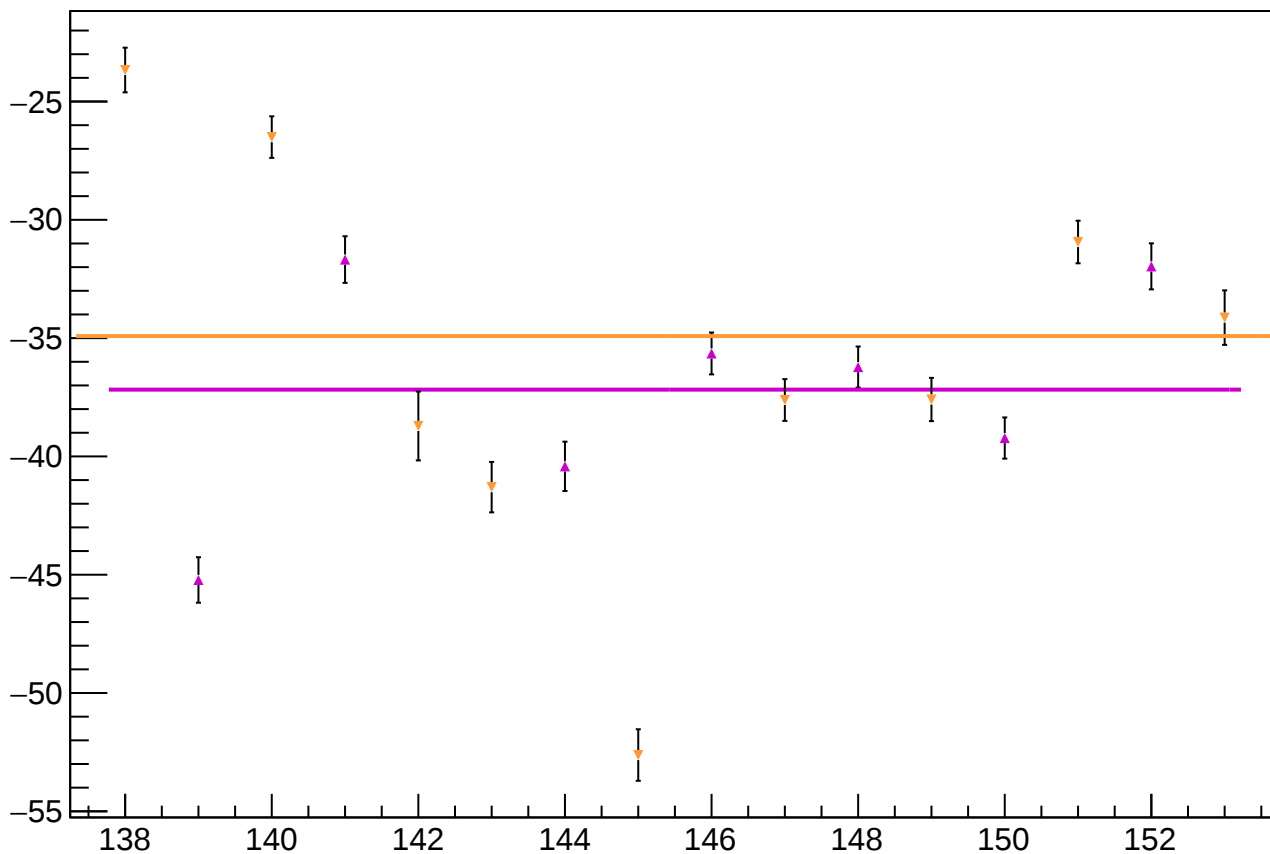
Right: -20.381 ± 0.011 $\chi^2/\text{NDF}: 121077.9/32$

In: -21.154 ± 0.011 $\chi^2/\text{NDF}: 128783.2/22$

Out: -21.950 ± 0.011 $\chi^2/\text{NDF}: 218260.1/25$

All: -21.550 ± 0.008 $\chi^2/\text{NDF}: 349812.5/48$

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: -34.914+/-0.332 χ^2/NDF :578.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.177+/-0.353 χ^2/NDF :149.1/6

Left: -35.974+/-0.242 χ^2/NDF : 749.3/15

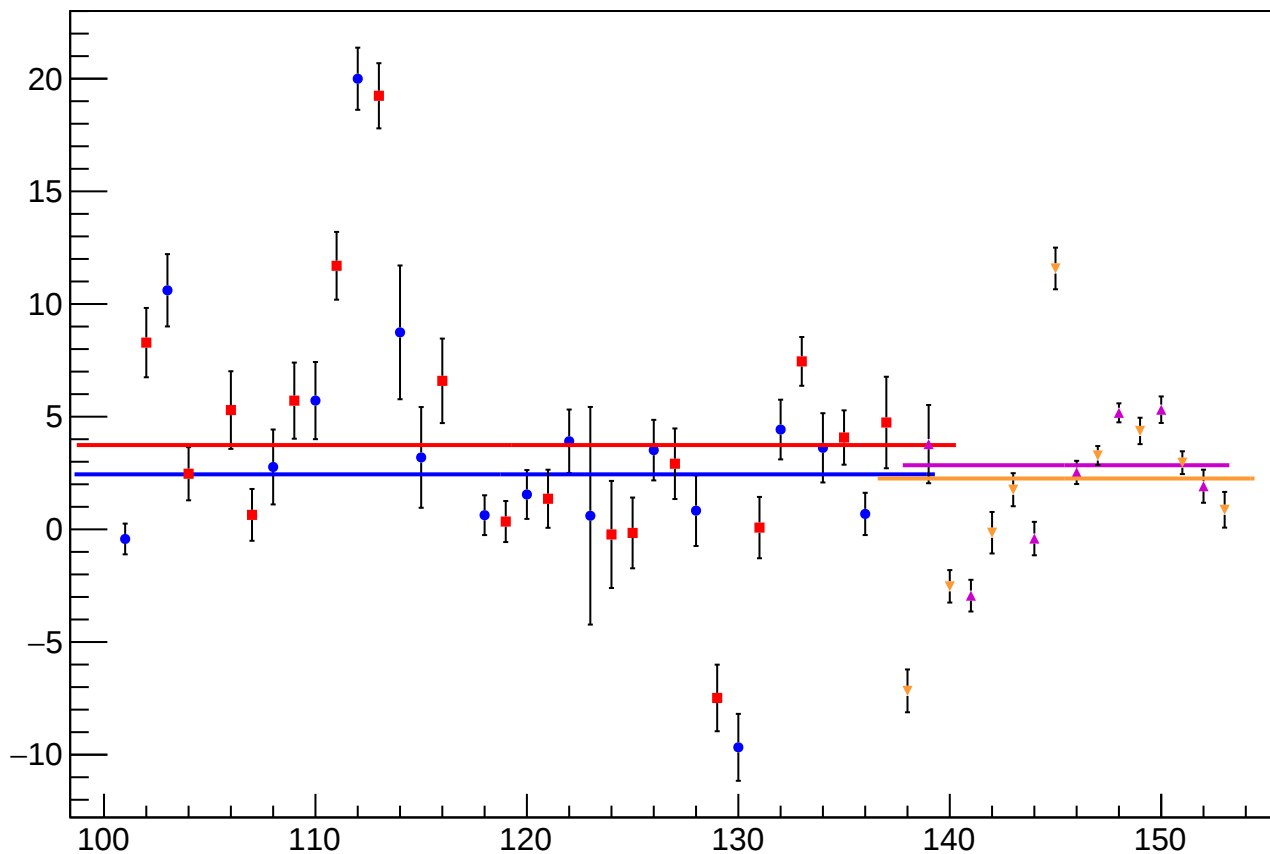
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.177+/-0.353 χ^2/NDF :149.1/6

Out: -34.914+/-0.332 χ^2/NDF :578.4/8

All: -35.974+/-0.242 χ^2/NDF : 749.3/15

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.257 $\pm$ 0.216 χ^2 /NDF:275.3/8

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 2.846 $\pm$ 0.234 χ^2 /NDF:137.3/6

Left: 2.529 $\pm$ 0.159 χ^2 /NDF: 416.0/15

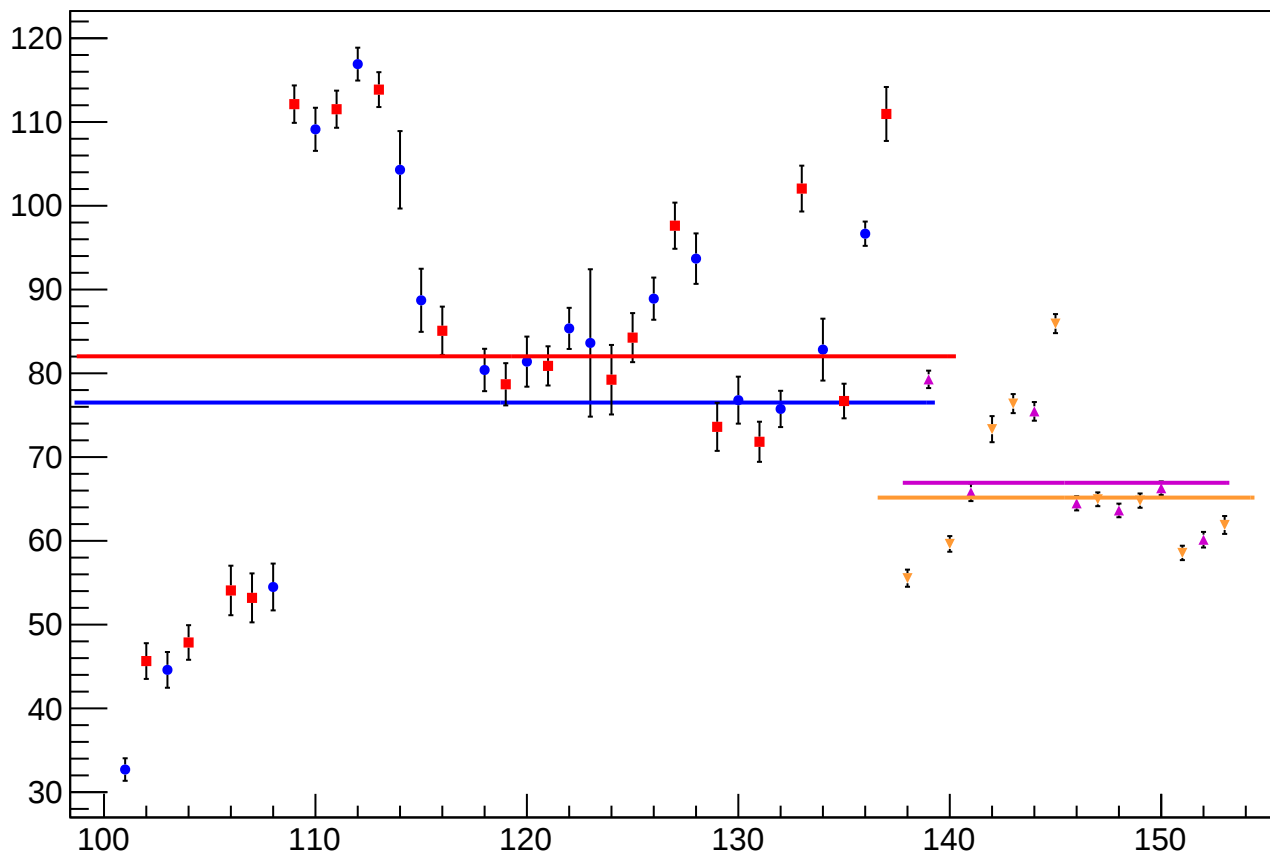
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 2.700 $\pm$ 0.187 χ^2 /NDF:433.1/23

Out: 2.709 $\pm$ 0.180 χ^2 /NDF:557.8/26

All: 2.705 $\pm$ 0.130 χ^2 /NDF: 990.8/50

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: 65.164 $\pm$ 0.331 χ^2 /NDF: 650.2/8

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 66.930 $\pm$ 0.349 χ^2 /NDF: 278.9/6

Left: 66.000 $\pm$ 0.240 χ^2 /NDF: 942.6/15

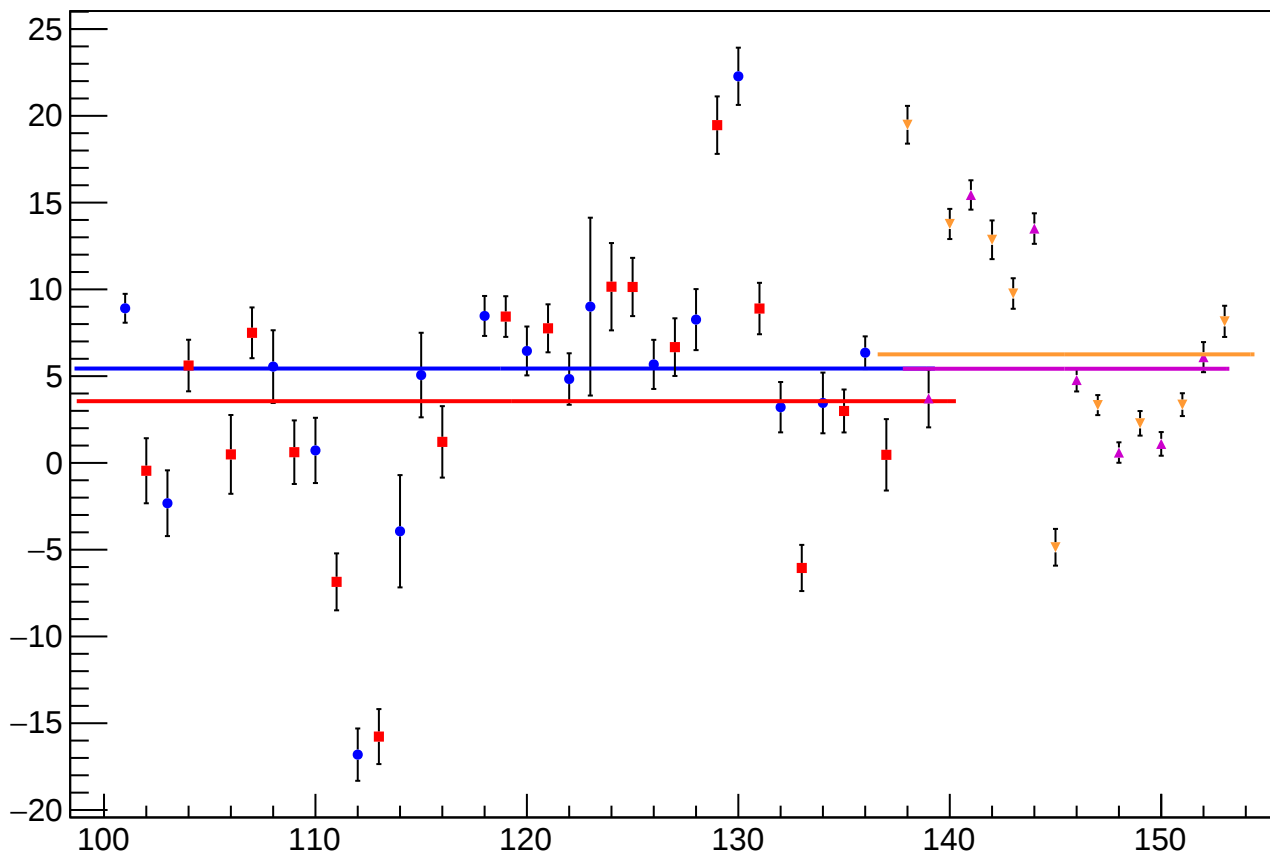
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 69.516 $\pm$ 0.298 χ^2 /NDF: 2733.0/23

Out: 69.175 $\pm$ 0.289 χ^2 /NDF: 2815.5/26

All: 69.340 $\pm$ 0.208 χ^2 /NDF: 5549.2/50

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 $\chi^2/\text{NDF}: 386.2/16$

Left Out: 6.256 ± 0.270 $\chi^2/\text{NDF}: 464.9/8$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 5.426 ± 0.292 $\chi^2/\text{NDF}: 334.5/6$

Left: 5.873 ± 0.198 $\chi^2/\text{NDF}: 803.7/15$

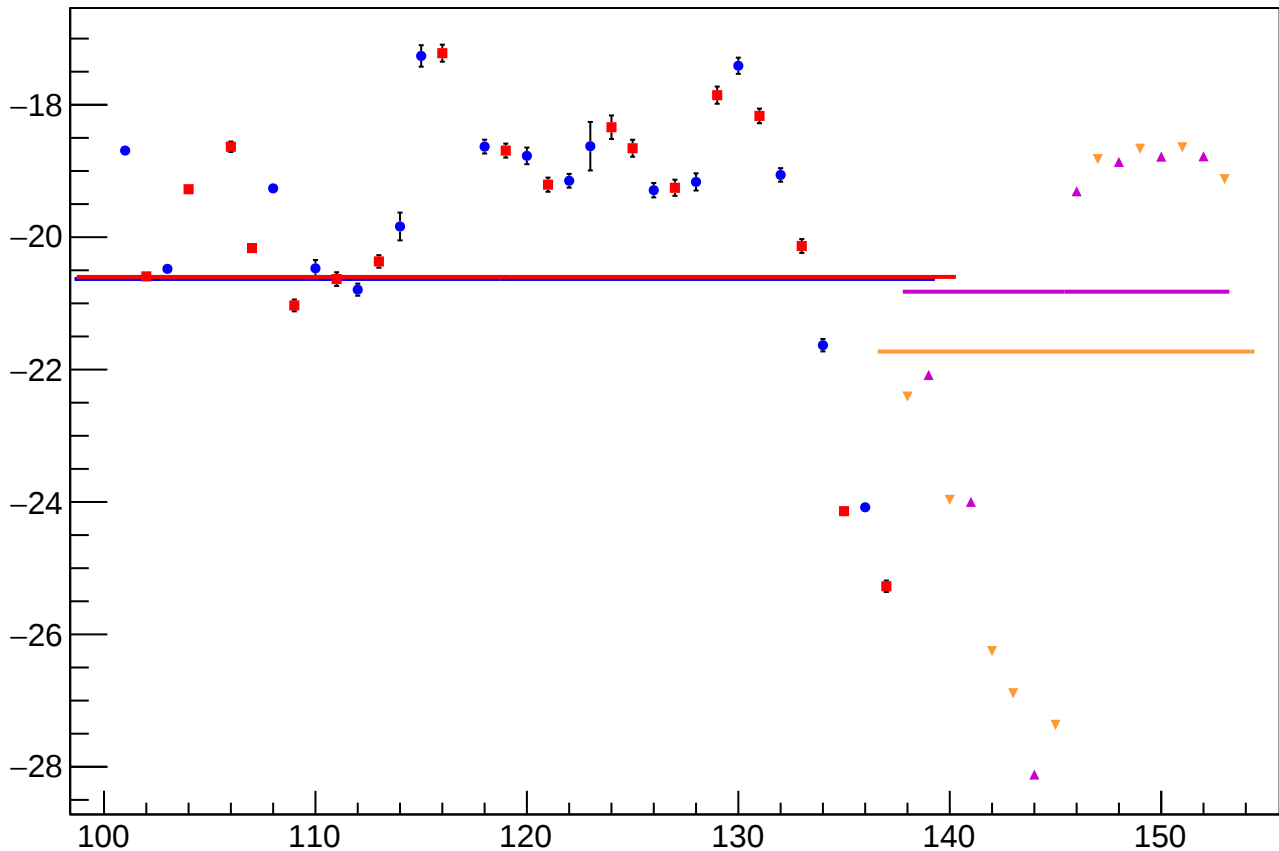
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 5.431 ± 0.226 $\chi^2/\text{NDF}: 720.6/23$

Out: 5.334 ± 0.219 $\chi^2/\text{NDF}: 919.6/26$

All: 5.381 ± 0.157 $\chi^2/\text{NDF}: 1640.3/50$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631+/-0.019 χ^2/NDF : 12501.6/16

Left Out: -21.728+/-0.014 χ^2/NDF : 60904.9/8

Right Out: -20.600+/-0.019 χ^2/NDF : 11973.7/17

Left In: -20.823+/-0.015 χ^2/NDF : 40279.4/6

Left: -21.298+/-0.010 χ^2/NDF : 103219.5/15

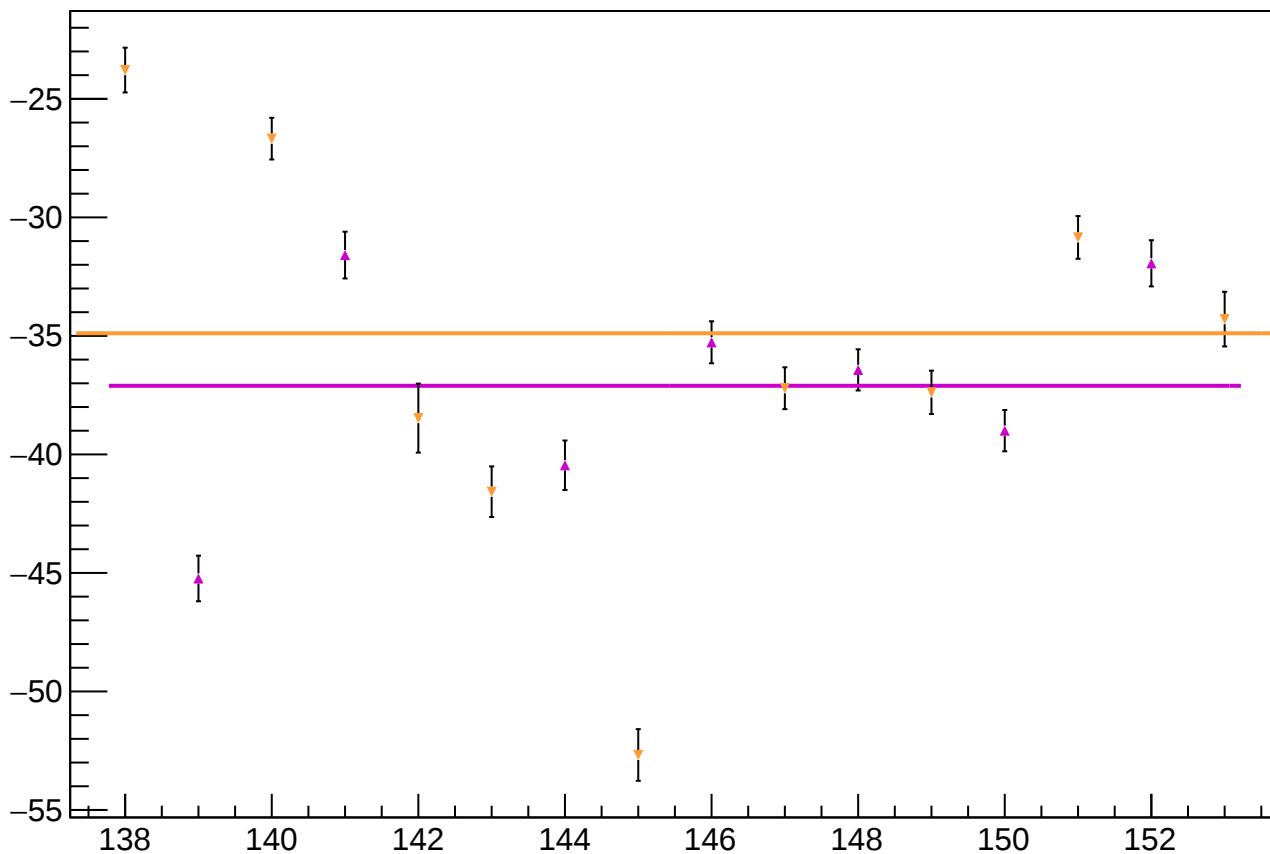
Right: -20.616+/-0.014 χ^2/NDF : 24476.6/34

In: -20.754+/-0.012 χ^2/NDF : 52844.2/23

Out: -21.349+/-0.011 χ^2/NDF : 75110.3/26

All: -21.060+/-0.008 χ^2/NDF : 129310.3/50

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: -34.889+/-0.332 χ^2/NDF :571.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -37.105+/-0.354 χ^2/NDF :150.7/6

Left: -35.927+/-0.242 χ^2/NDF : 743.4/15

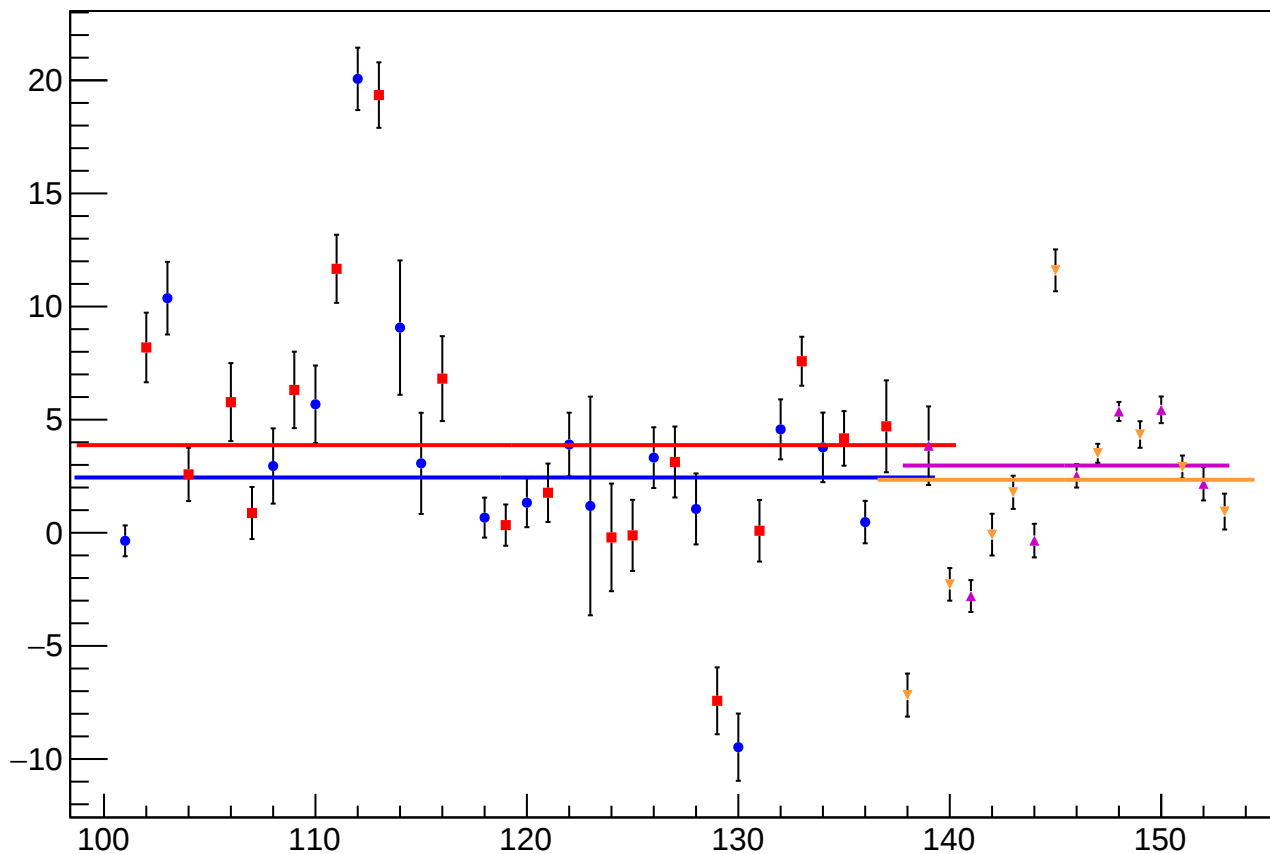
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -37.105+/-0.354 χ^2/NDF :150.7/6

Out: -34.889+/-0.332 χ^2/NDF :571.8/8

All: -35.927+/-0.242 χ^2/NDF : 743.4/15

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 $\pm$ 0.312 χ^2 /NDF: 292.7/16

Left Out: 2.343 $\pm$ 0.216 χ^2 /NDF:272.8/8

Right Out: 3.874 $\pm$ 0.327 χ^2 /NDF: 268.3/17

Left In: 2.972 $\pm$ 0.234 χ^2 /NDF:139.1/6

Left: 2.633 $\pm$ 0.159 χ^2 /NDF: 415.8/15

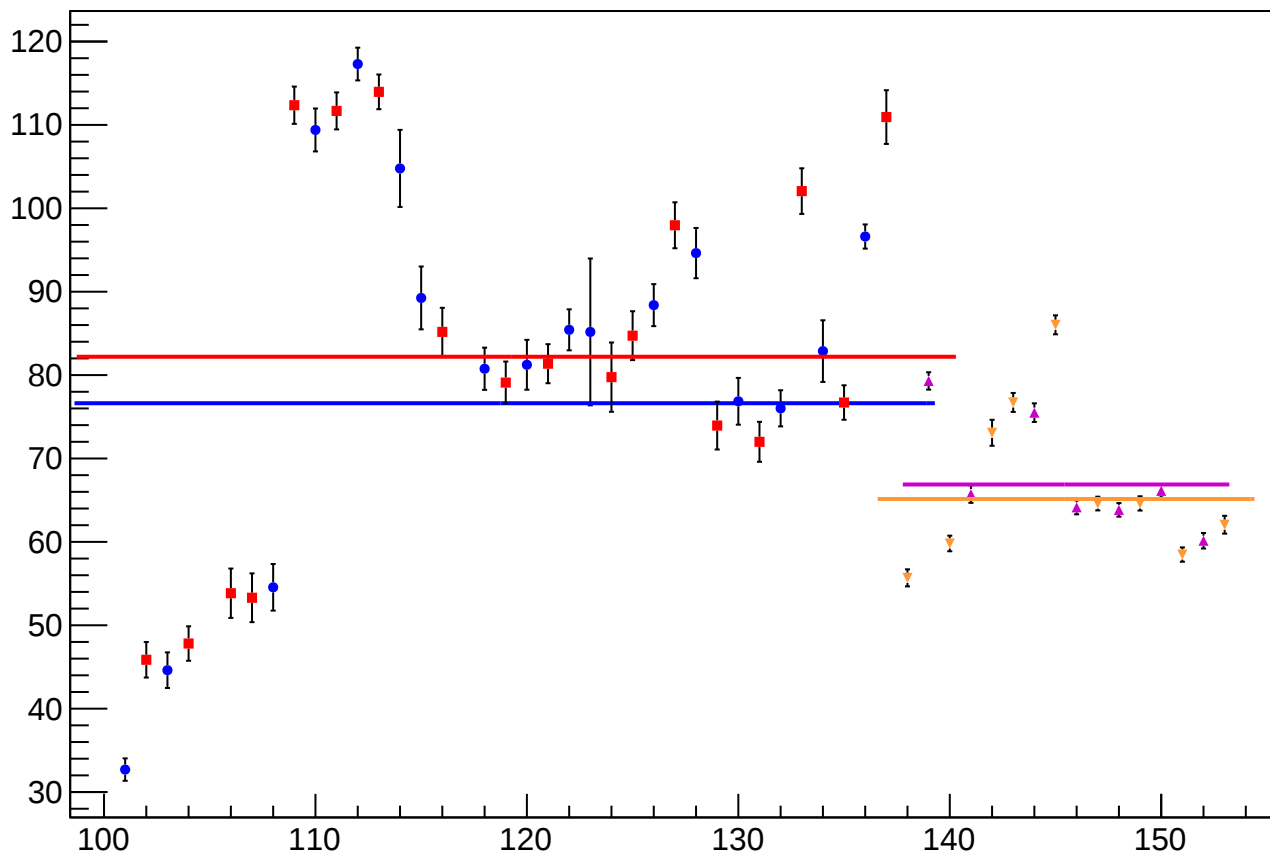
Right: 3.125 $\pm$ 0.226 χ^2 /NDF: 571.0/34

In: 2.782 $\pm$ 0.187 χ^2 /NDF:433.6/23

Out: 2.810 $\pm$ 0.180 χ^2 /NDF:556.3/26

All: 2.796 $\pm$ 0.130 χ^2 /NDF: 990.0/50

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: 65.143 $\pm$ 0.331 χ^2 /NDF: 653.1/8

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 66.882 $\pm$ 0.349 χ^2 /NDF: 280.5/6

Left: 65.966 $\pm$ 0.240 χ^2 /NDF: 946.6/15

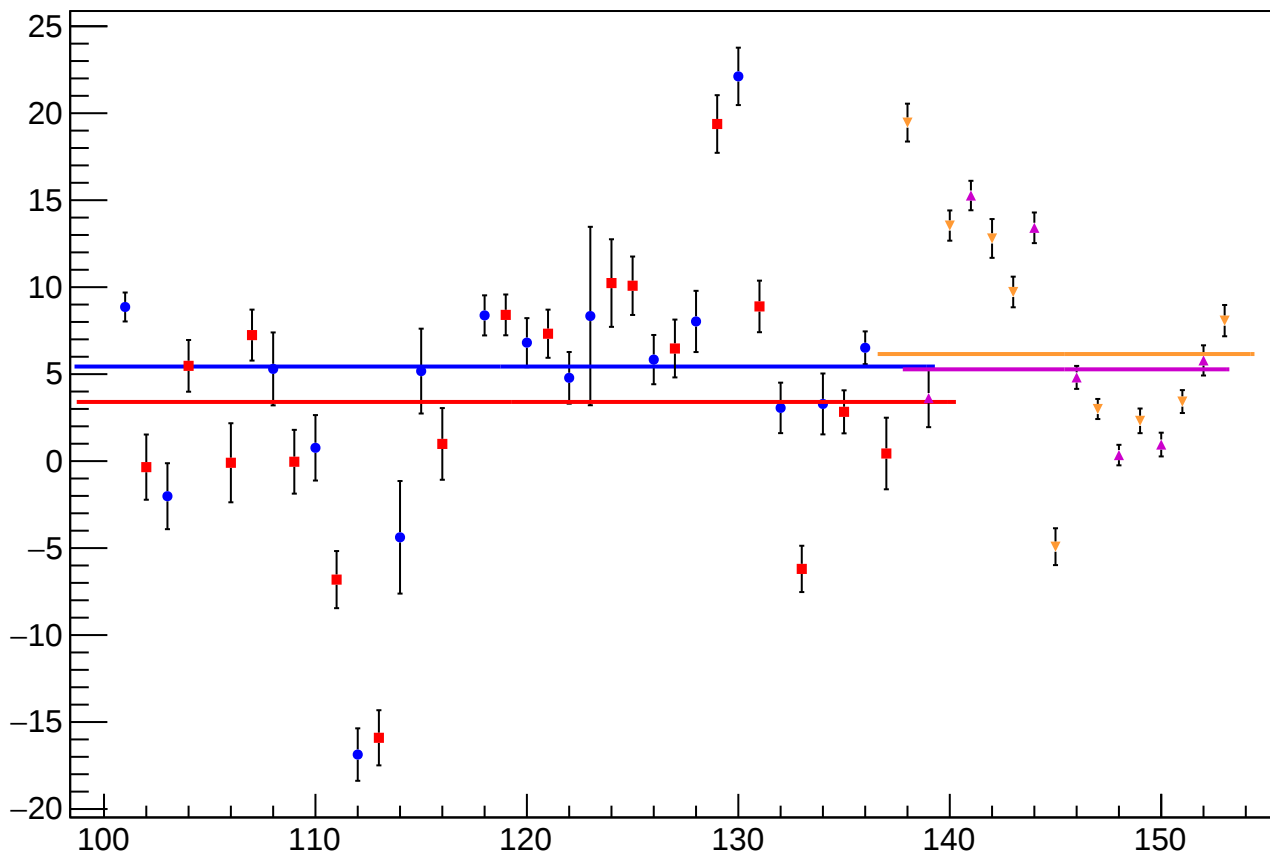
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 69.513 $\pm$ 0.298 χ^2 /NDF: 2753.3/23

Out: 69.200 $\pm$ 0.289 χ^2 /NDF: 2834.1/26

All: 69.352 $\pm$ 0.208 χ^2 /NDF: 5587.9/50

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: 5.751 $\pm$ 0.199 χ^2 /NDF: 805.3/15

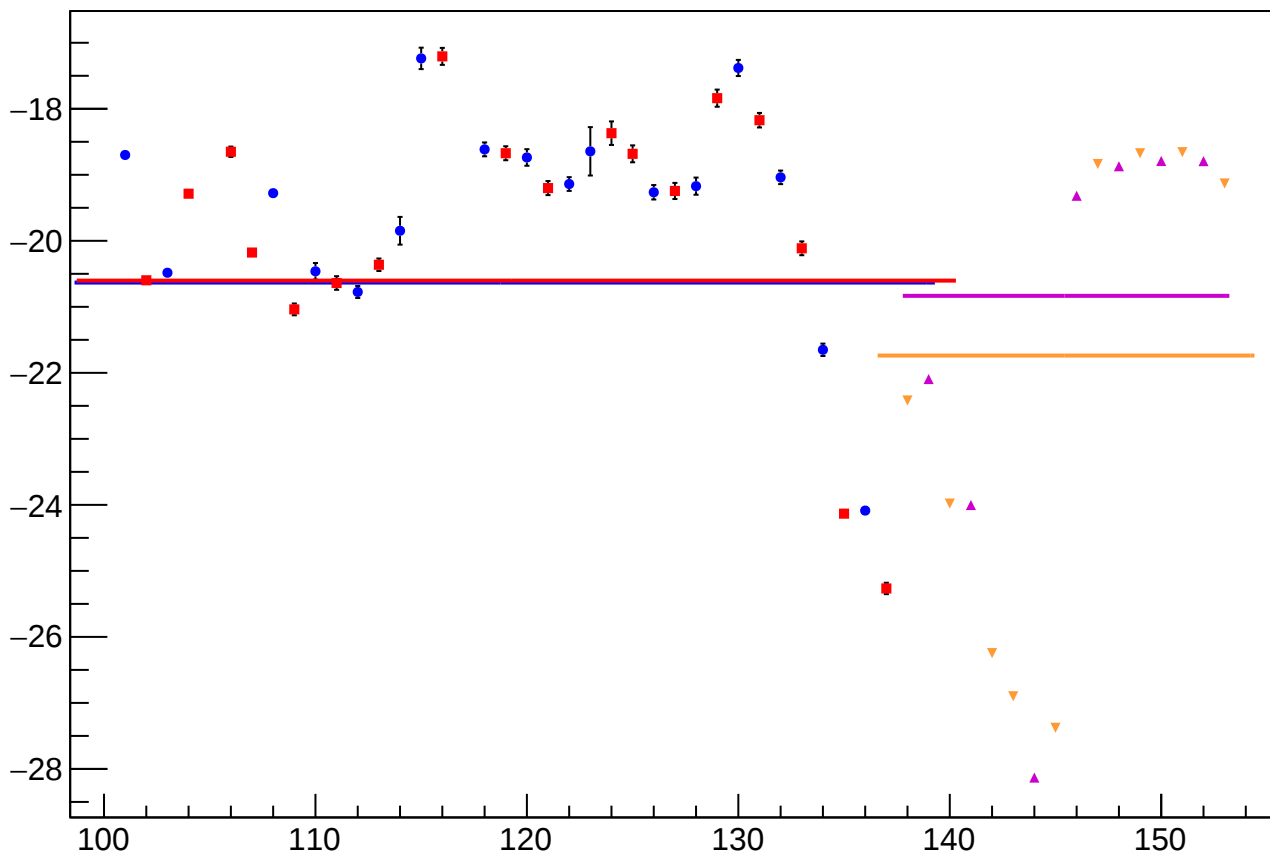
Right: 4.467 $\pm$ 0.259 χ^2 /NDF: 820.8/34

In: 5.341 $\pm$ 0.227 χ^2 /NDF: 721.2/23

Out: 5.215 $\pm$ 0.219 χ^2 /NDF: 920.2/26

All: 5.276 $\pm$ 0.158 χ^2 /NDF: 1641.5/50

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: -21.738 $\pm$ 0.014 χ^2 /NDF: 60773.8/8

Right Out: -20.603 $\pm$ 0.019 χ^2 /NDF: 11925.8/17

Left In: -20.833 $\pm$ 0.015 χ^2 /NDF: 40234.1/6

Left: -21.308 $\pm$ 0.010 χ^2 /NDF: 103041.0/15

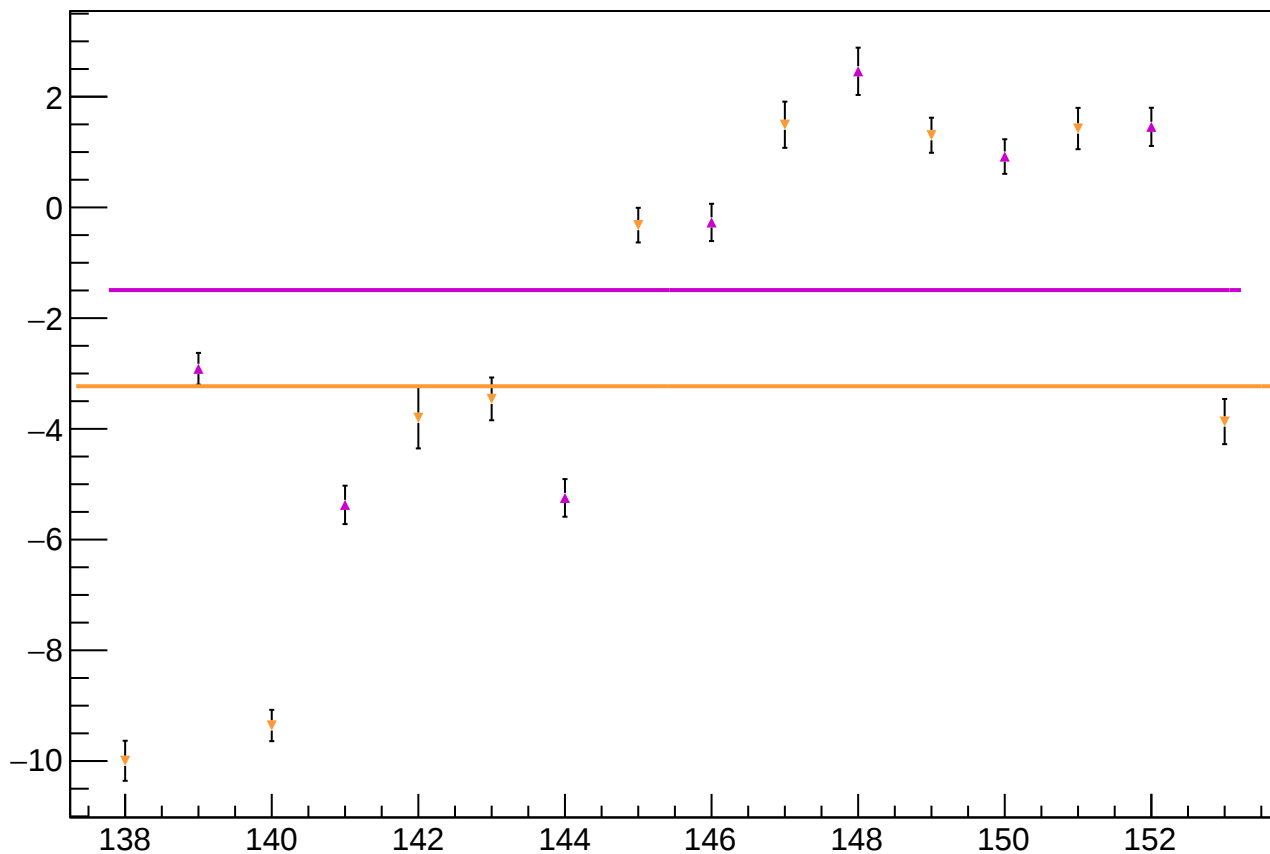
Right: -20.618 $\pm$ 0.014 χ^2 /NDF: 24470.2/34

In: -20.761 $\pm$ 0.012 χ^2 /NDF: 52846.7/23

Out: -21.357 $\pm$ 0.011 χ^2 /NDF: 74958.7/26

All: -21.068 $\pm$ 0.008 χ^2 /NDF: 129163.7/50

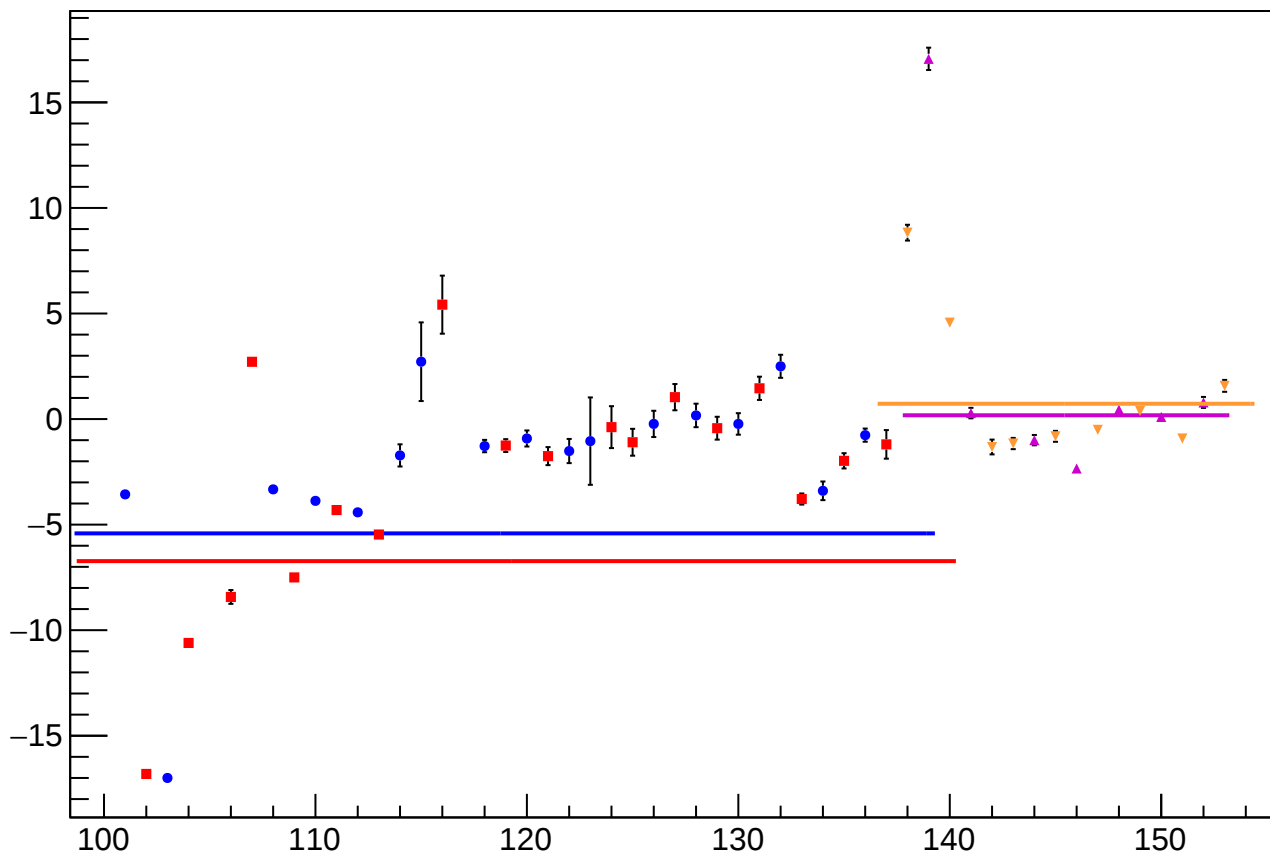
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.493+/-0.127 χ^2/NDF :502.8/6

Left: -2.409+/-0.087 χ^2/NDF : 1999.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.493+/-0.127 χ^2/NDF :502.8/6
 Out: -3.230+/-0.120 χ^2/NDF :1397.8/8
 All: -2.409+/-0.087 χ^2/NDF : 1999.4/15

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.725 ± 0.083 χ^2/NDF : 959.4/8

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.180 ± 0.092 χ^2/NDF : 1188.7/6

Left: 0.479 ± 0.062 χ^2/NDF : 2167.4/15

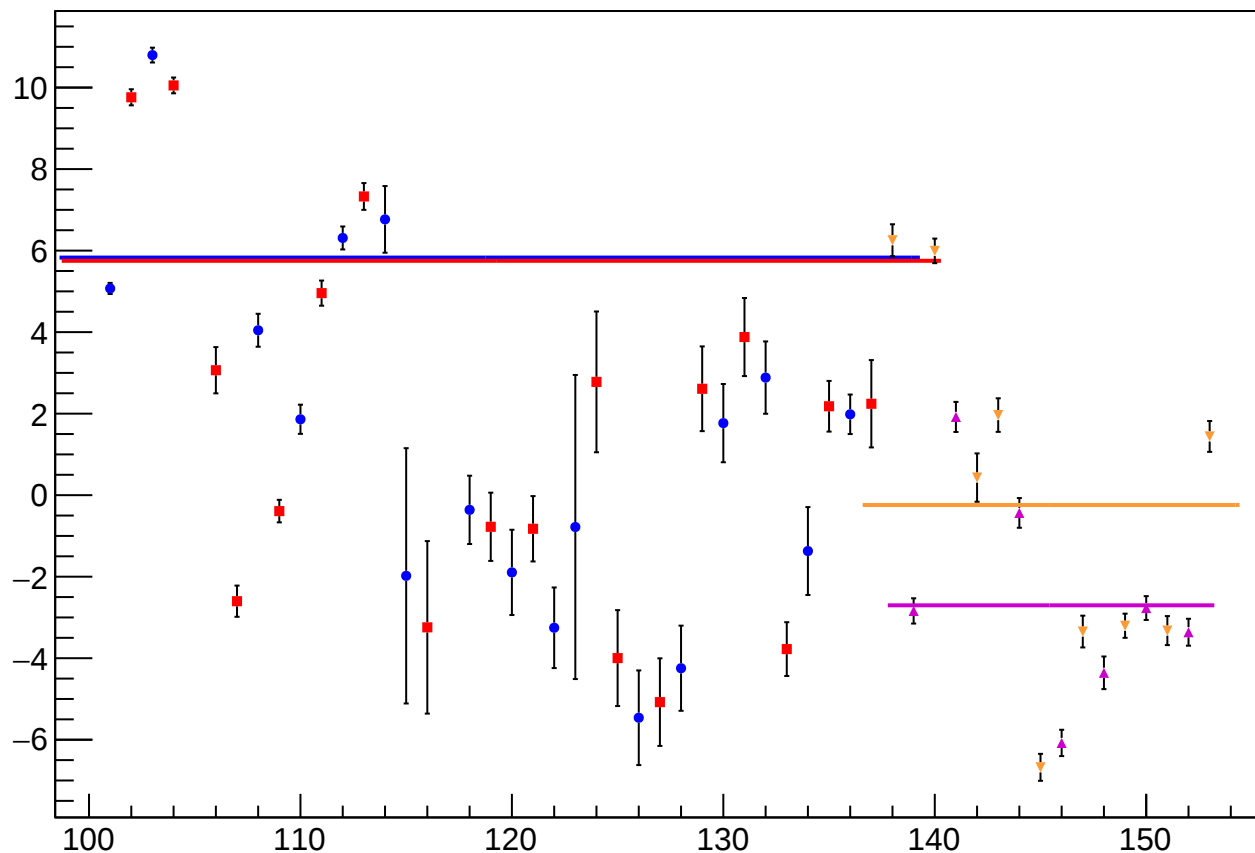
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.954 ± 0.047 χ^2/NDF : 13170.8/23

Out: -4.197 ± 0.049 χ^2/NDF : 17449.3/26

All: -4.072 ± 0.034 χ^2/NDF : 30633.1/50

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 χ^2/NDF : 1448.3/16

Left Out: -0.241 ± 0.121 χ^2/NDF : 1368.8/8

Right Out: 5.750 ± 0.096 χ^2/NDF : 2511.0/17

Left In: -2.702 ± 0.127 χ^2/NDF : 326.3/6

Left: -1.413 ± 0.088 χ^2/NDF : 1891.9/15

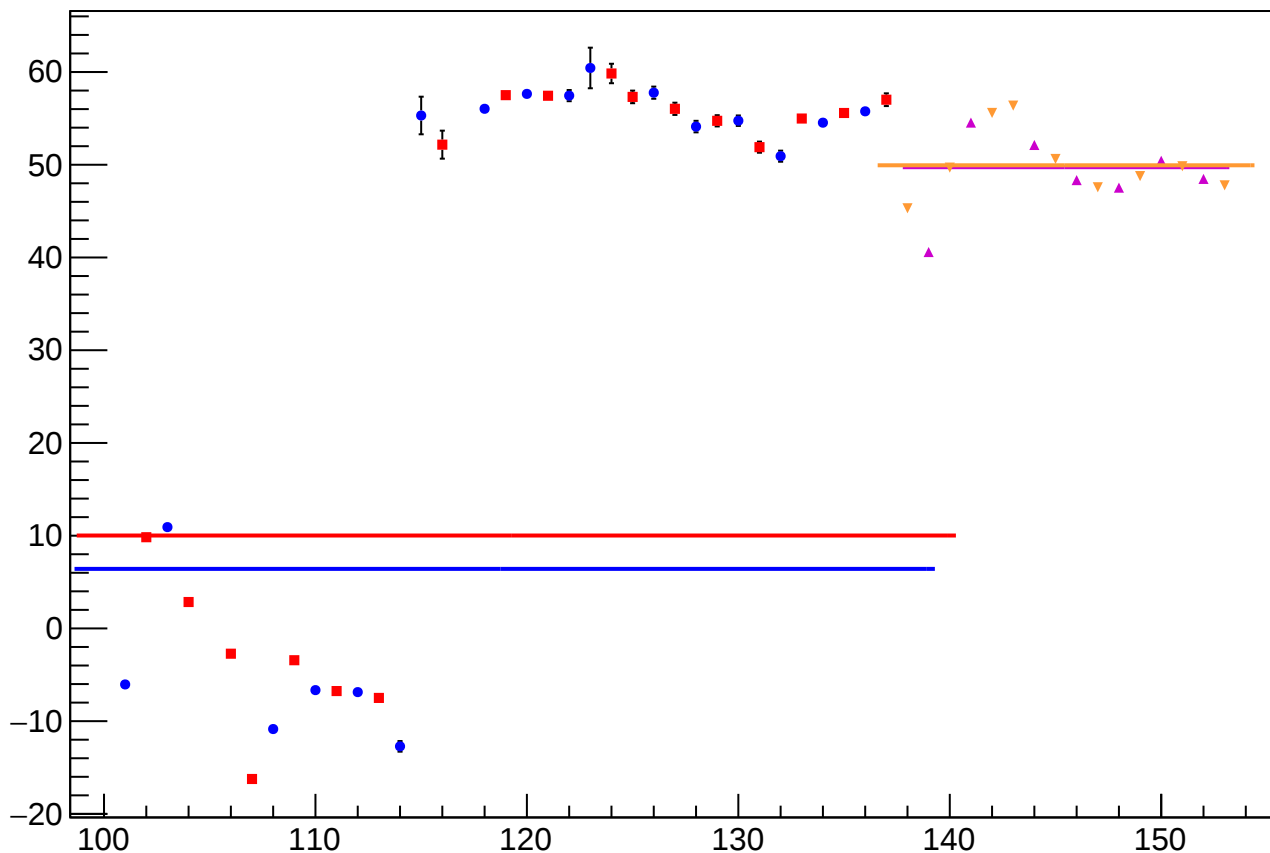
Right: 5.792 ± 0.066 χ^2/NDF : 3959.6/34

In: 2.993 ± 0.073 χ^2/NDF : 4786.8/23

Out: 3.431 ± 0.075 χ^2/NDF : 5380.6/26

All: 3.206 ± 0.053 χ^2/NDF : 10184.8/50

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 49.943 ± 0.102 $\chi^2/\text{NDF}: 850.5/8$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 49.737 ± 0.112 $\chi^2/\text{NDF}: 759.8/6$

Left: 49.849 ± 0.075 $\chi^2/\text{NDF}: 1612.2/15$

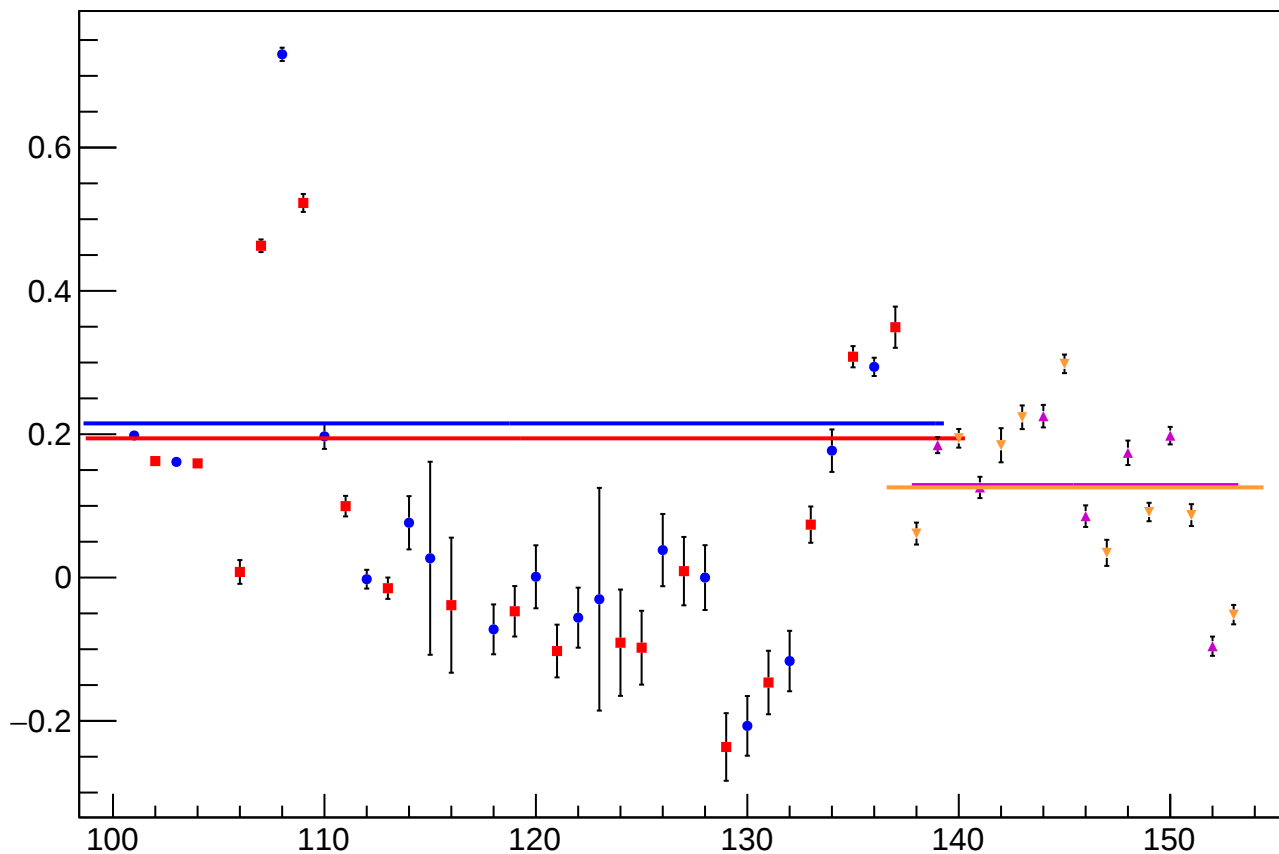
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 17.328 ± 0.056 $\chi^2/\text{NDF}: 236616.7/23$

Out: 23.030 ± 0.058 $\chi^2/\text{NDF}: 226786.3/26$

All: 20.075 ± 0.040 $\chi^2/\text{NDF}: 468399.6/50$

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: 0.126 $\pm$ 0.005 χ^2 /NDF: 473.9/8

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.129 $\pm$ 0.005 χ^2 /NDF: 390.6/6

Left: 0.127 $\pm$ 0.004 χ^2 /NDF: 864.7/15

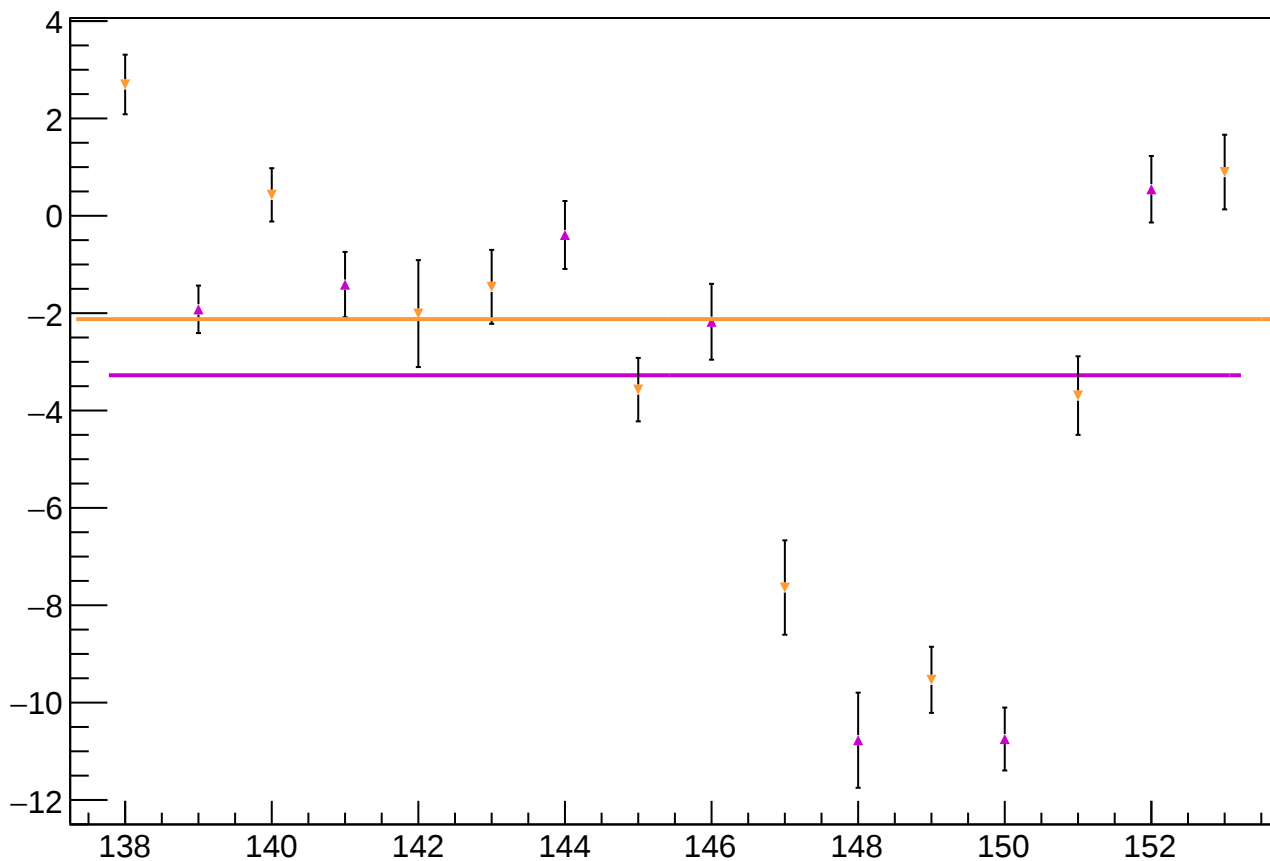
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.196 $\pm$ 0.002 χ^2 /NDF: 4530.2/23

Out: 0.178 $\pm$ 0.002 χ^2 /NDF: 3138.7/26

All: 0.187 $\pm$ 0.002 χ^2 /NDF: 7696.3/50

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.122+/-0.240 χ^2/NDF : 260.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.276+/-0.252 χ^2/NDF : 258.2/6

Left: -2.670+/-0.174 χ^2/NDF : 529.3/15

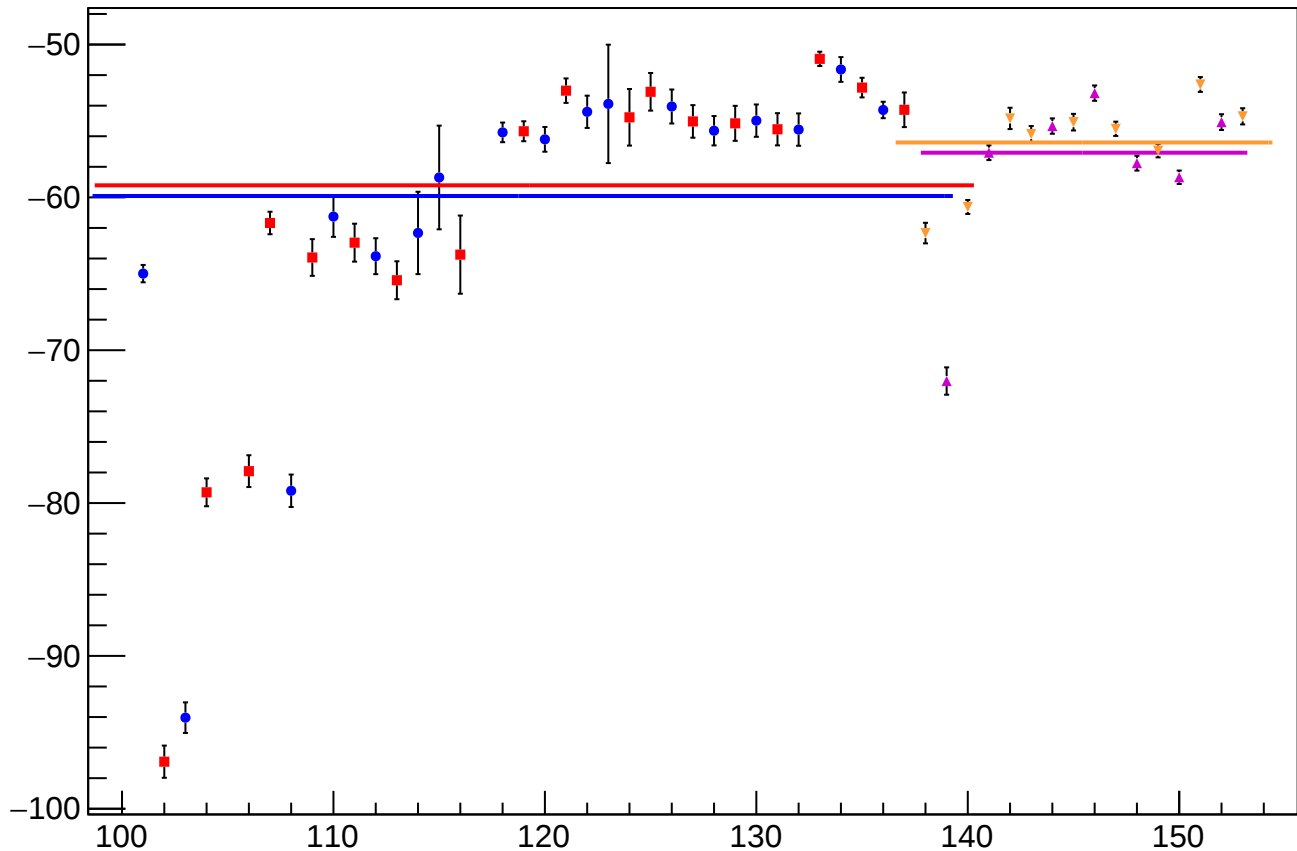
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.276+/-0.252 χ^2/NDF : 258.2/6

Out: -2.122+/-0.240 χ^2/NDF : 260.2/8

All: -2.670+/-0.174 χ^2/NDF : 529.3/15

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: -56.408 ± 0.173 χ^2/NDF : 251.5/8

Right Out: -59.212 ± 0.212 χ^2/NDF : 2742.9/17

Left In: -57.077 ± 0.194 χ^2/NDF : 381.1/6

Left: -56.704 ± 0.129 χ^2/NDF : 639.3/15

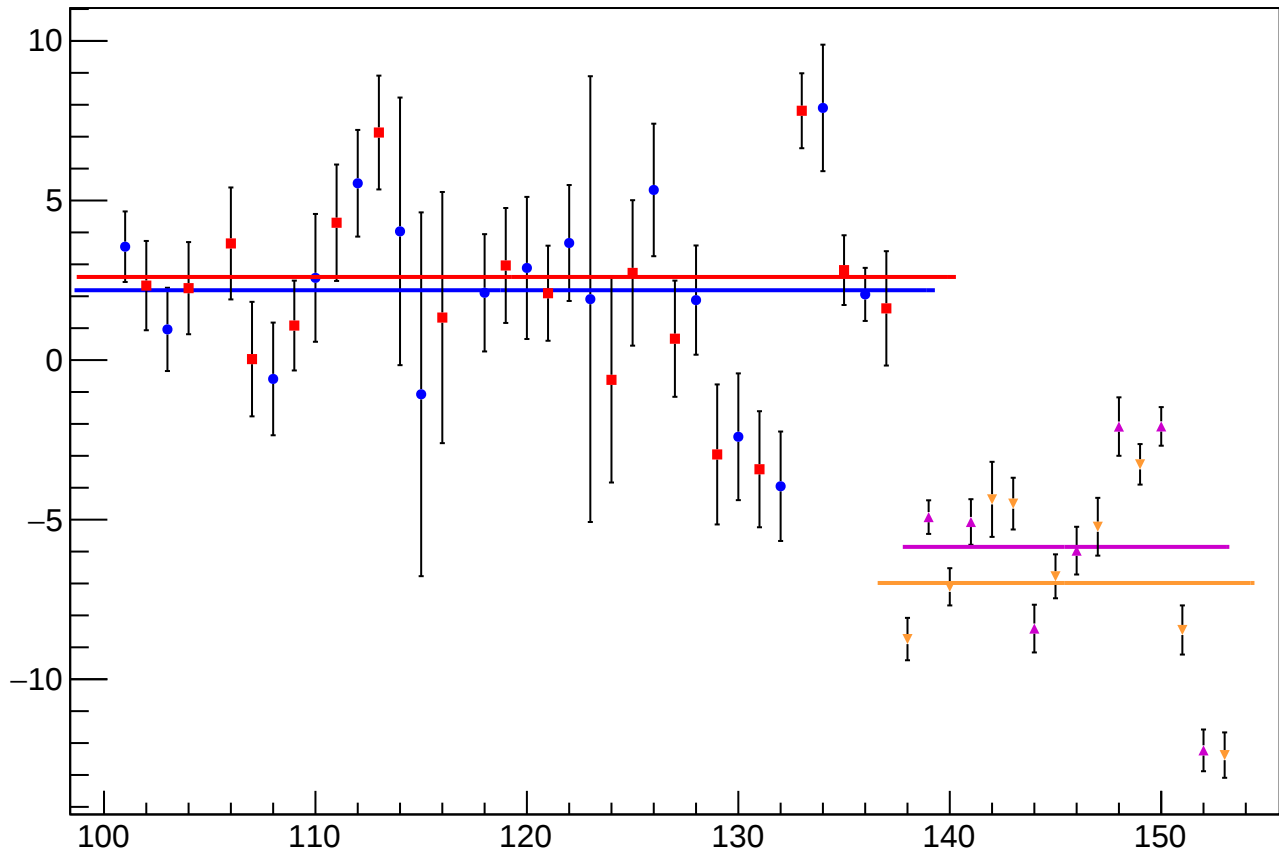
Right: -59.544 ± 0.154 χ^2/NDF : 4728.9/34

In: -58.295 ± 0.146 χ^2/NDF : 2453.8/23

Out: -57.524 ± 0.134 χ^2/NDF : 3099.3/26

All: -57.875 ± 0.099 χ^2/NDF : 5568.3/50

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: -6.984 ± 0.243 $\chi^2/\text{NDF}: 120.8/8$

Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$

Left In: -5.853 ± 0.255 $\chi^2/\text{NDF}: 167.1/6$

Left: -6.445 ± 0.176 $\chi^2/\text{NDF}: 298.2/15$

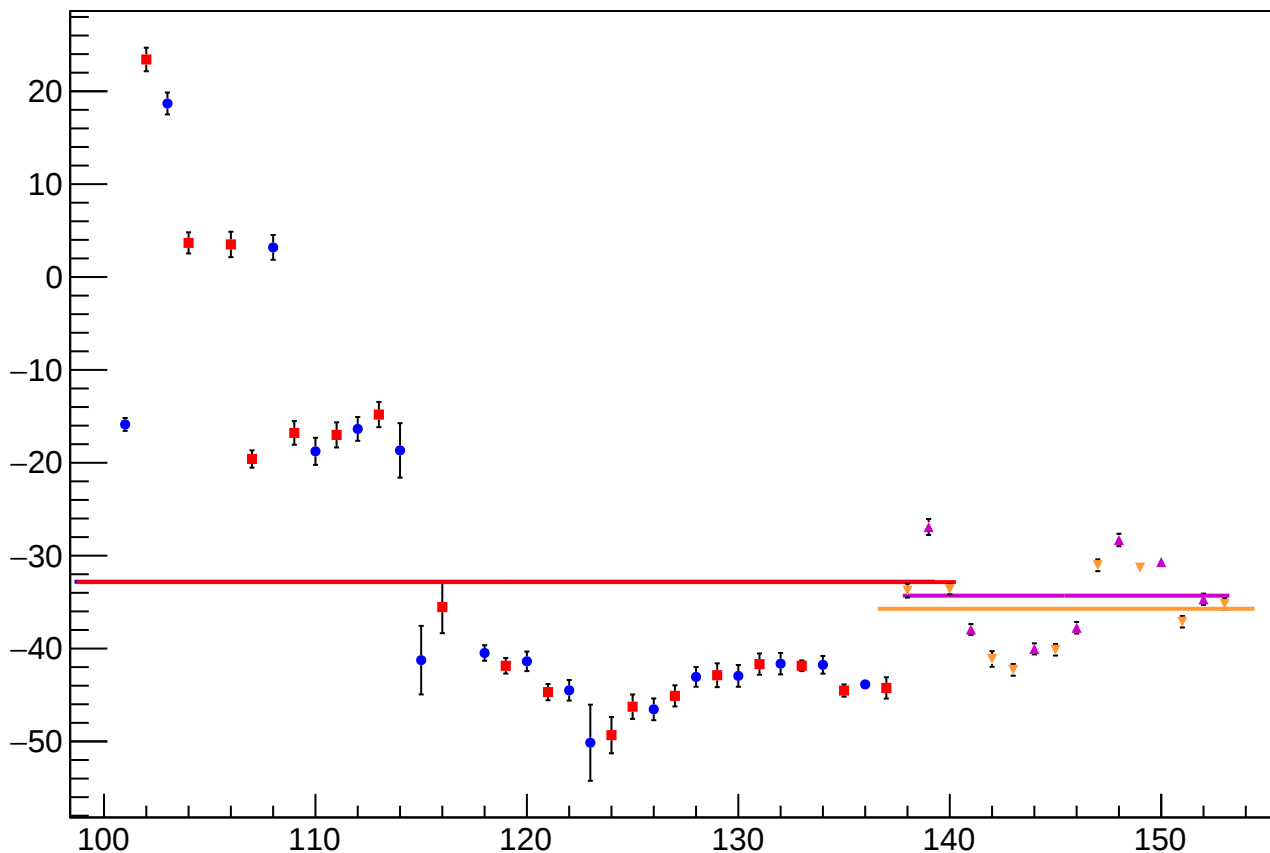
Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$

In: -3.570 ± 0.216 $\chi^2/\text{NDF}: 489.1/23$

Out: -4.310 ± 0.206 $\chi^2/\text{NDF}: 605.5/26$

All: -3.956 ± 0.149 $\chi^2/\text{NDF}: 1100.8/50$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.719 ± 0.208 $\chi^2/\text{NDF}: 351.8/8$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -34.304 ± 0.232 $\chi^2/\text{NDF}: 368.5/6$

Left: -35.087 ± 0.155 $\chi^2/\text{NDF}: 740.9/15$

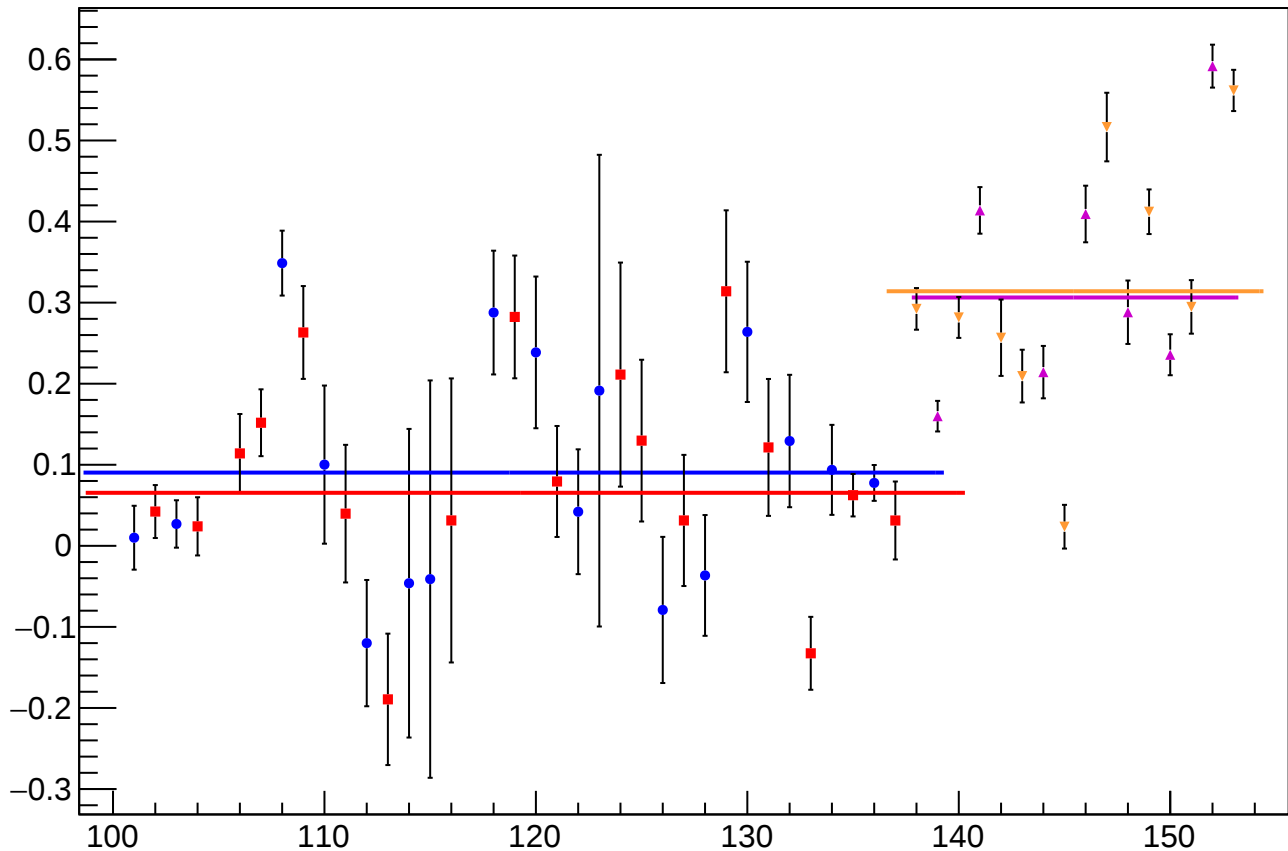
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -33.624 ± 0.171 $\chi^2/\text{NDF}: 5050.3/23$

Out: -34.511 ± 0.159 $\chi^2/\text{NDF}: 6181.8/26$

All: -34.102 ± 0.116 $\chi^2/\text{NDF}: 11246.6/50$

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: 0.314 $\pm$ 0.010 χ^2 /NDF:261.0/8

Right Out: 0.065 $\pm$ 0.012 χ^2 /NDF: 65.7/17

Left In: 0.306 $\pm$ 0.010 χ^2 /NDF:215.1/6

Left: 0.310 $\pm$ 0.007 χ^2 /NDF: 476.4/15

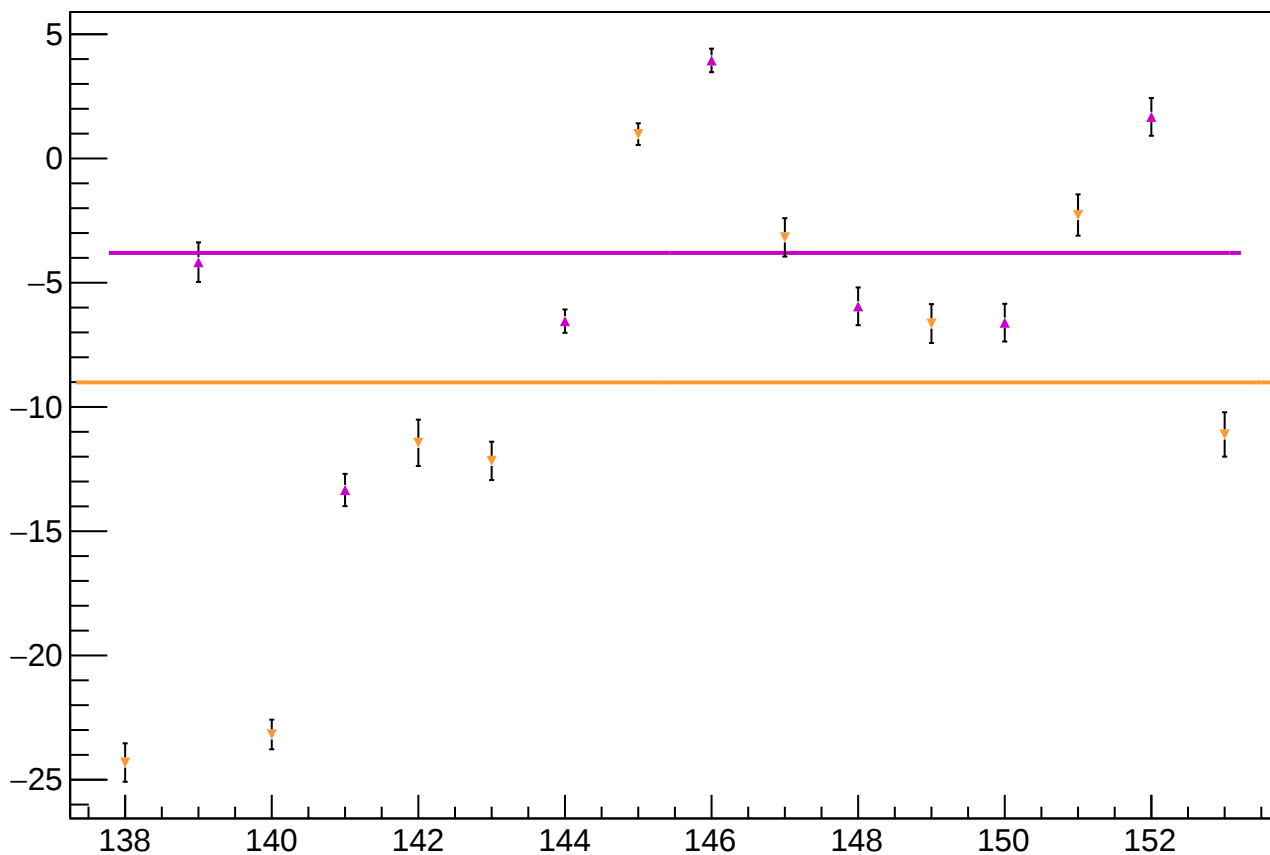
Right: 0.077 $\pm$ 0.009 χ^2 /NDF: 147.0/34

In: 0.221 $\pm$ 0.008 χ^2 /NDF:468.7/23

Out: 0.216 $\pm$ 0.008 χ^2 /NDF:576.0/26

All: 0.218 $\pm$ 0.006 χ^2 /NDF: 1044.8/50

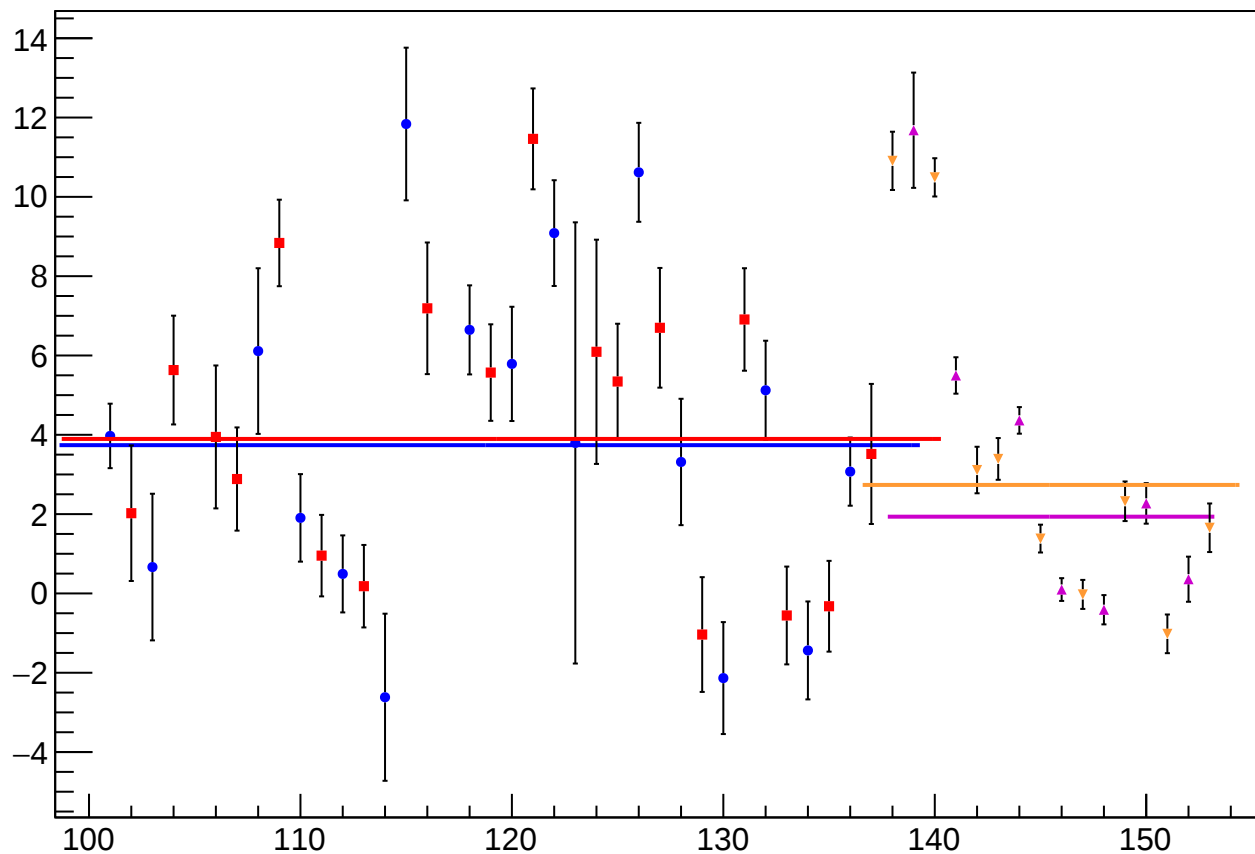
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.011+/-0.232 χ^2/NDF :1639.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.800+/-0.235 χ^2/NDF :592.5/6

Left: -6.438+/-0.165 χ^2/NDF : 2481.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.800+/-0.235 χ^2/NDF :592.5/6
 Out: -9.011+/-0.232 χ^2/NDF :1639.9/8
 All: -6.438+/-0.165 χ^2/NDF : 2481.5/15

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: 2.736 $\pm$ 0.160 χ^2 /NDF:519.0/8

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 1.935 $\pm$ 0.157 χ^2 /NDF:247.1/6

Left: 2.329 $\pm$ 0.112 χ^2 /NDF: 778.8/15

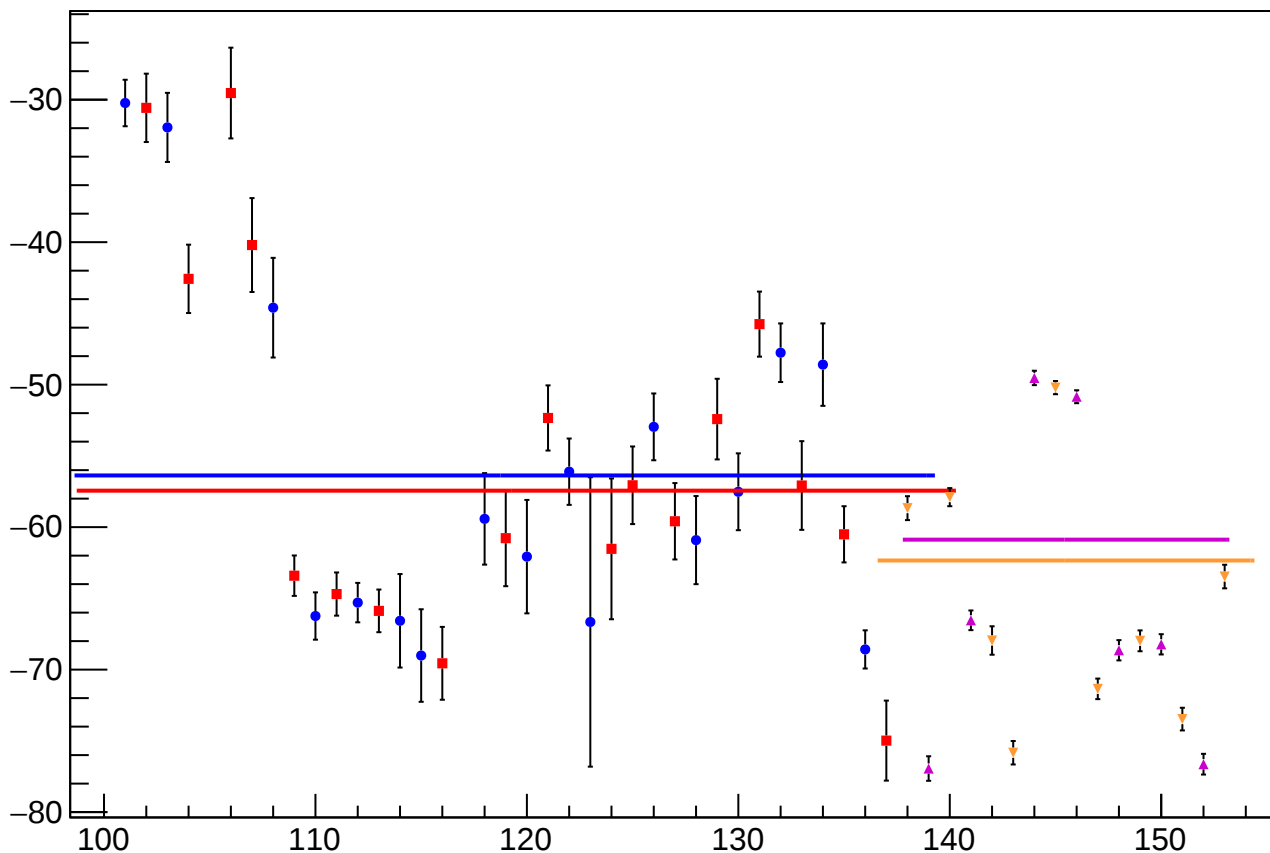
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.306 $\pm$ 0.140 χ^2 /NDF:411.0/23

Out: 2.972 $\pm$ 0.143 χ^2 /NDF:664.5/26

All: 2.633 $\pm$ 0.100 χ^2 /NDF: 1086.7/50

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 χ^2/NDF : 587.6/16

Left Out: -62.341 ± 0.237 χ^2/NDF : 1466.0/8

Right Out: -57.440 ± 0.537 χ^2/NDF : 441.0/17

Left In: -60.879 ± 0.235 χ^2/NDF : 2105.4/6

Left: -61.606 ± 0.167 χ^2/NDF : 3590.6/15

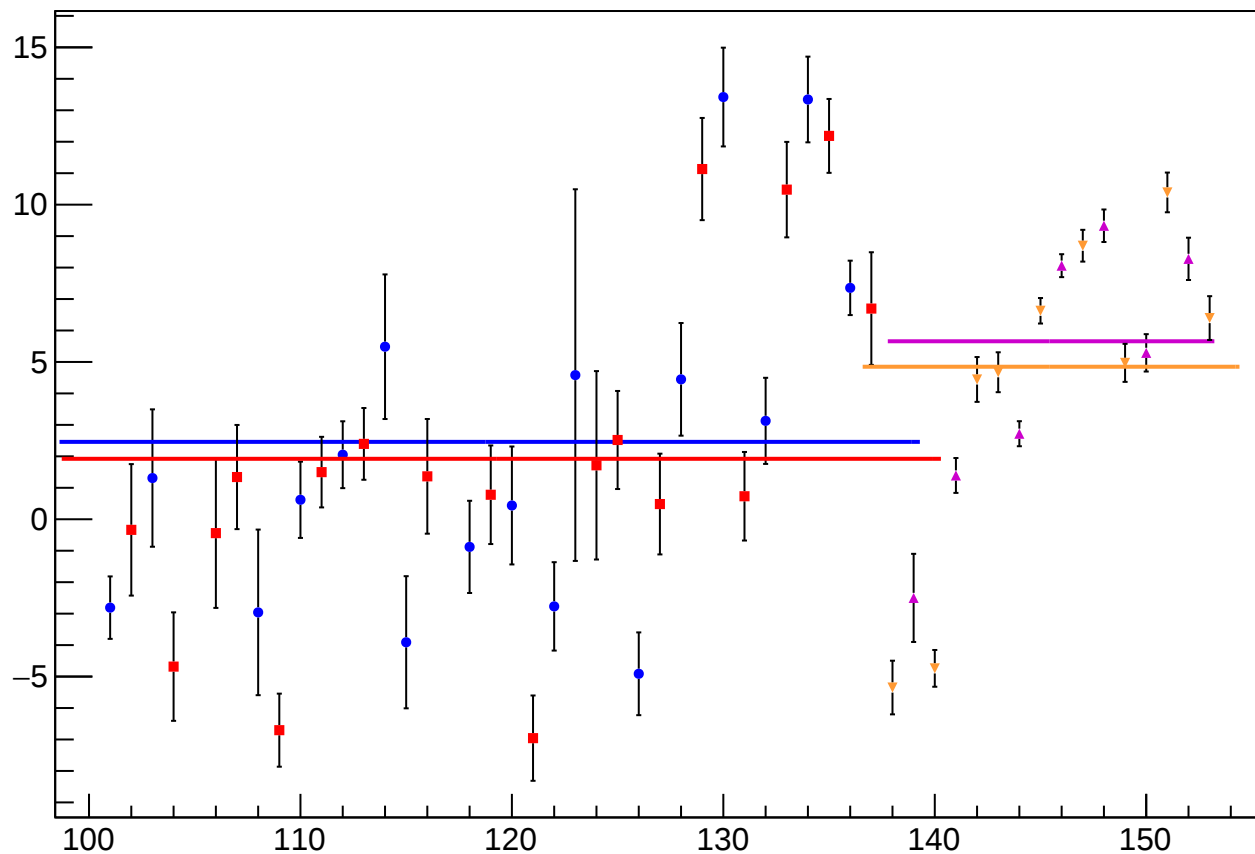
Right: -56.912 ± 0.382 χ^2/NDF : 1030.5/34

In: -60.167 ± 0.216 χ^2/NDF : 2751.0/23

Out: -61.544 ± 0.217 χ^2/NDF : 1976.7/26

All: -60.853 ± 0.153 χ^2/NDF : 4748.0/50

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: 4.848 ± 0.196 χ^2/NDF : 572.0/8

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.657 ± 0.195 χ^2/NDF : 257.2/6

Left: 5.255 ± 0.138 χ^2/NDF : 837.8/15

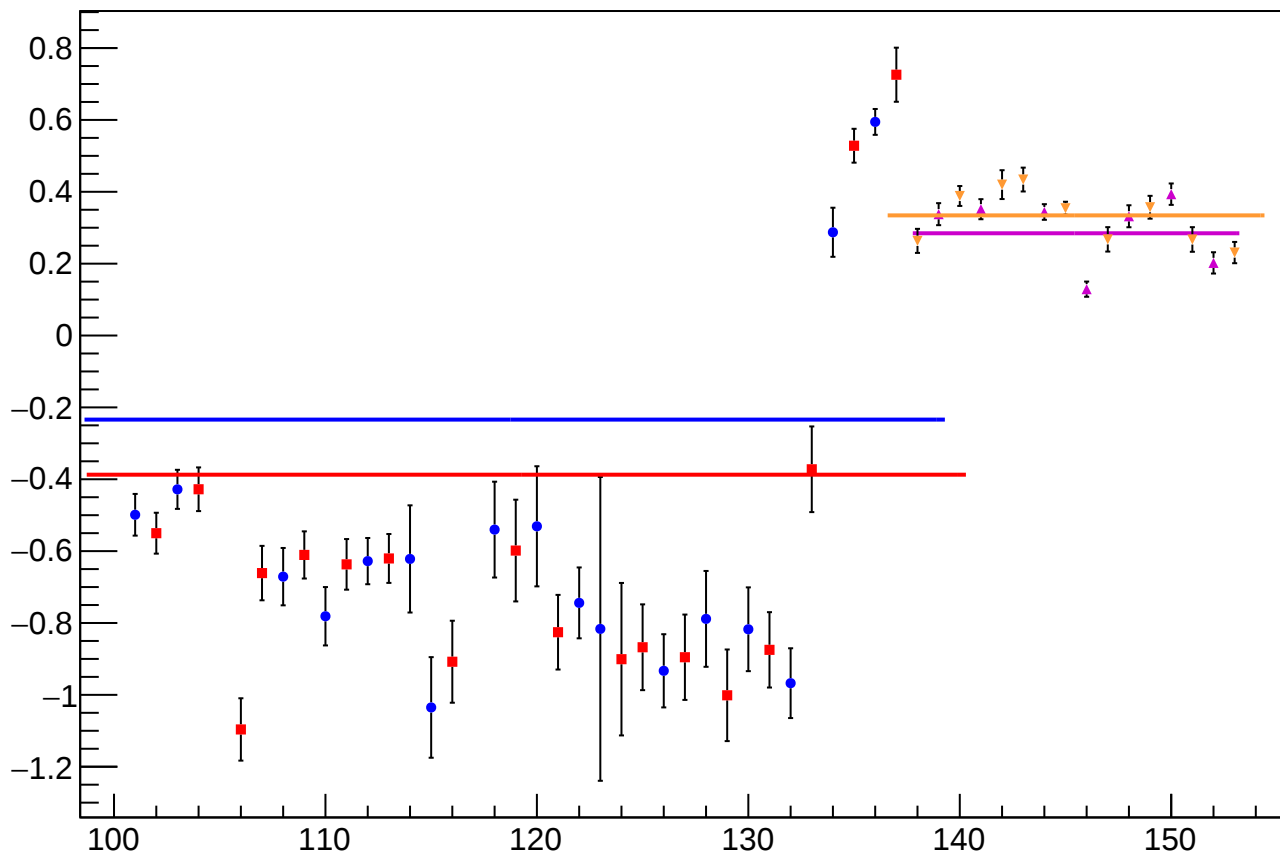
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 4.890 ± 0.170 χ^2/NDF : 565.9/23

Out: 4.166 ± 0.171 χ^2/NDF : 889.2/26

All: 4.531 ± 0.121 χ^2/NDF : 1464.1/50

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: 0.334 ± 0.010 χ^2/NDF : 43.5/8

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.285 ± 0.010 χ^2/NDF : 93.7/6

Left: 0.310 ± 0.007 χ^2/NDF : 149.9/15

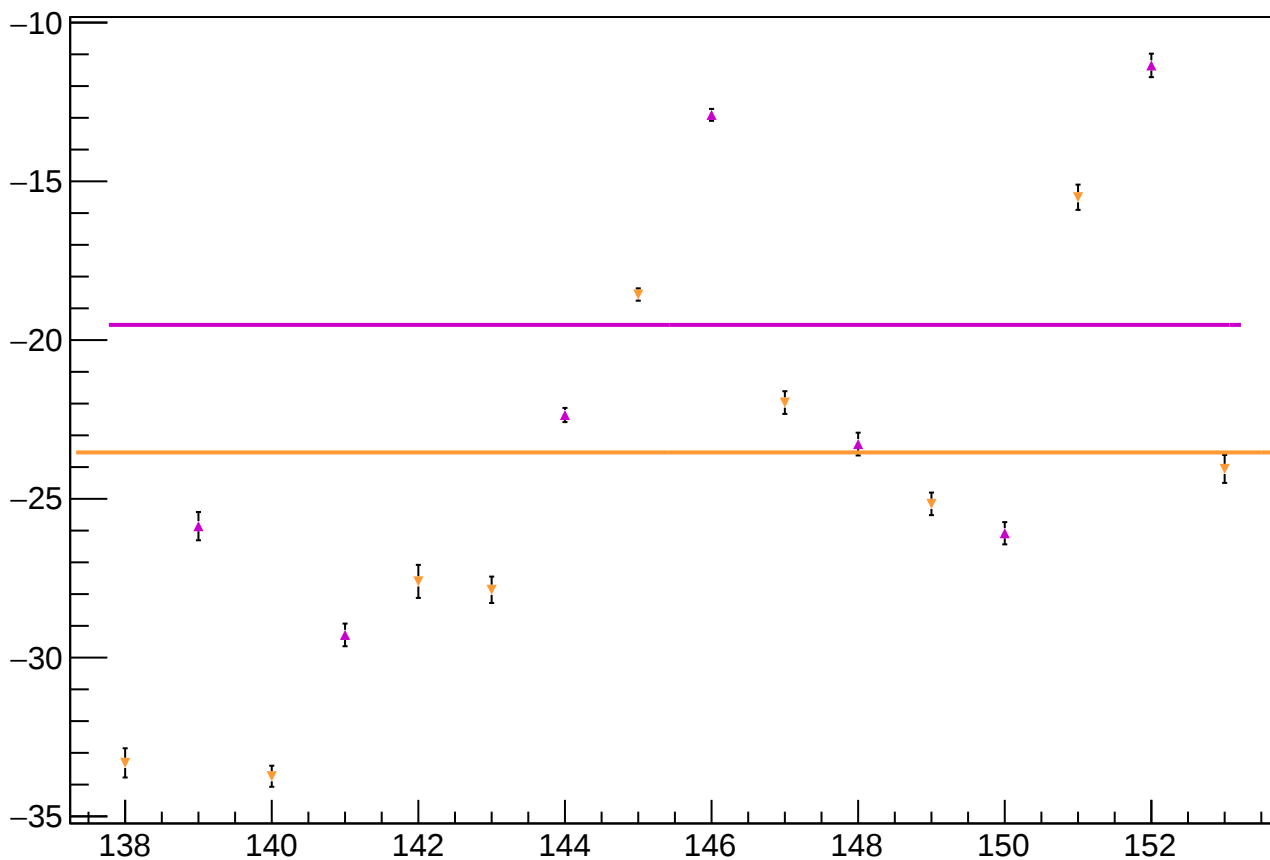
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.171 ± 0.009 χ^2/NDF : 1640.7/23

Out: 0.185 ± 0.009 χ^2/NDF : 2033.3/26

All: 0.178 ± 0.006 χ^2/NDF : 3675.2/50

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



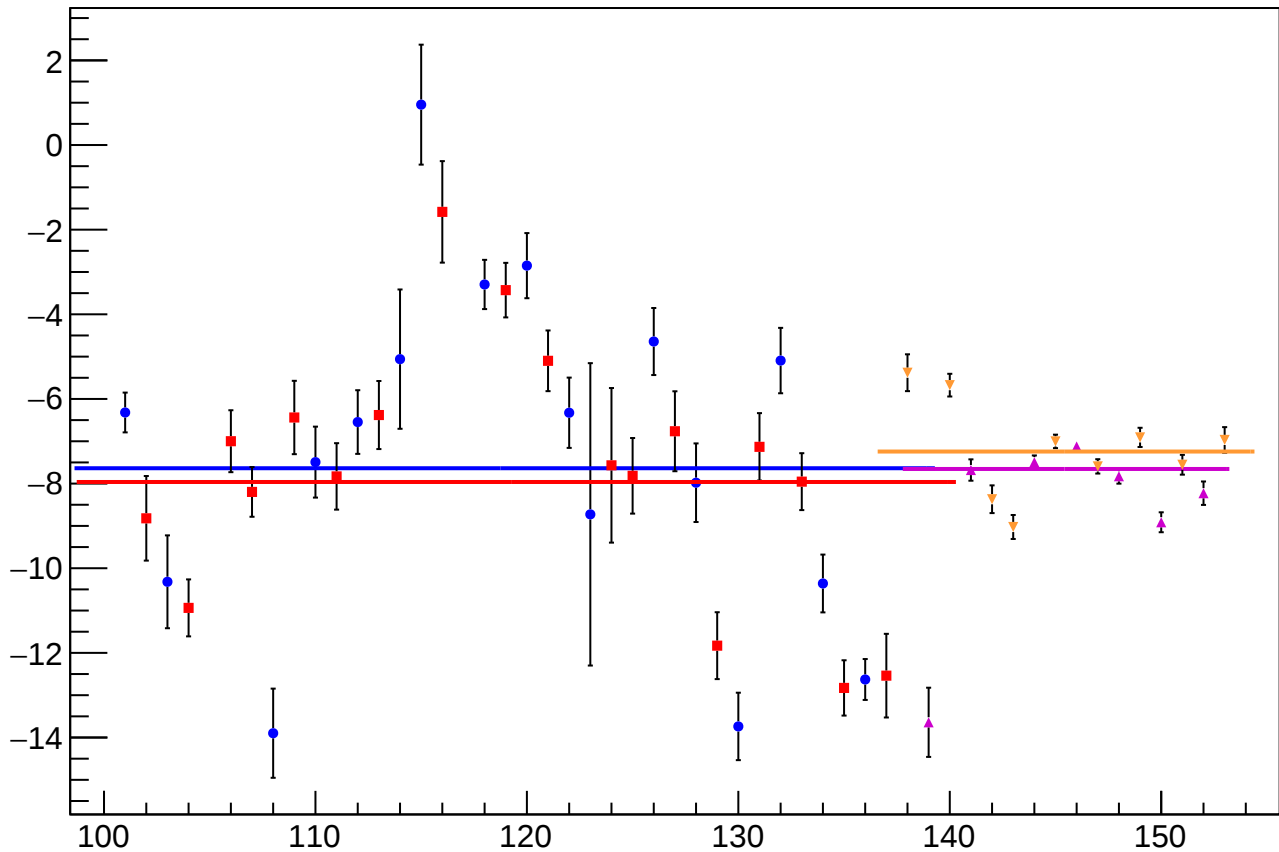
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.538+/-0.114 χ^2/NDF :2666.4/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -19.522+/-0.109 χ^2/NDF :3306.4/6

Left: -21.433+/-0.079 χ^2/NDF : 6622.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.522+/-0.109 χ^2/NDF :3306.4/6
 Out: -23.538+/-0.114 χ^2/NDF :2666.4/8

All: -21.433+/-0.079 χ^2/NDF : 6622.4/15

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: -7.243 ± 0.078 χ^2/NDF : 115.2/8

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.654 ± 0.072 χ^2/NDF : 109.1/6

Left: -7.466 ± 0.053 χ^2/NDF : 239.4/15

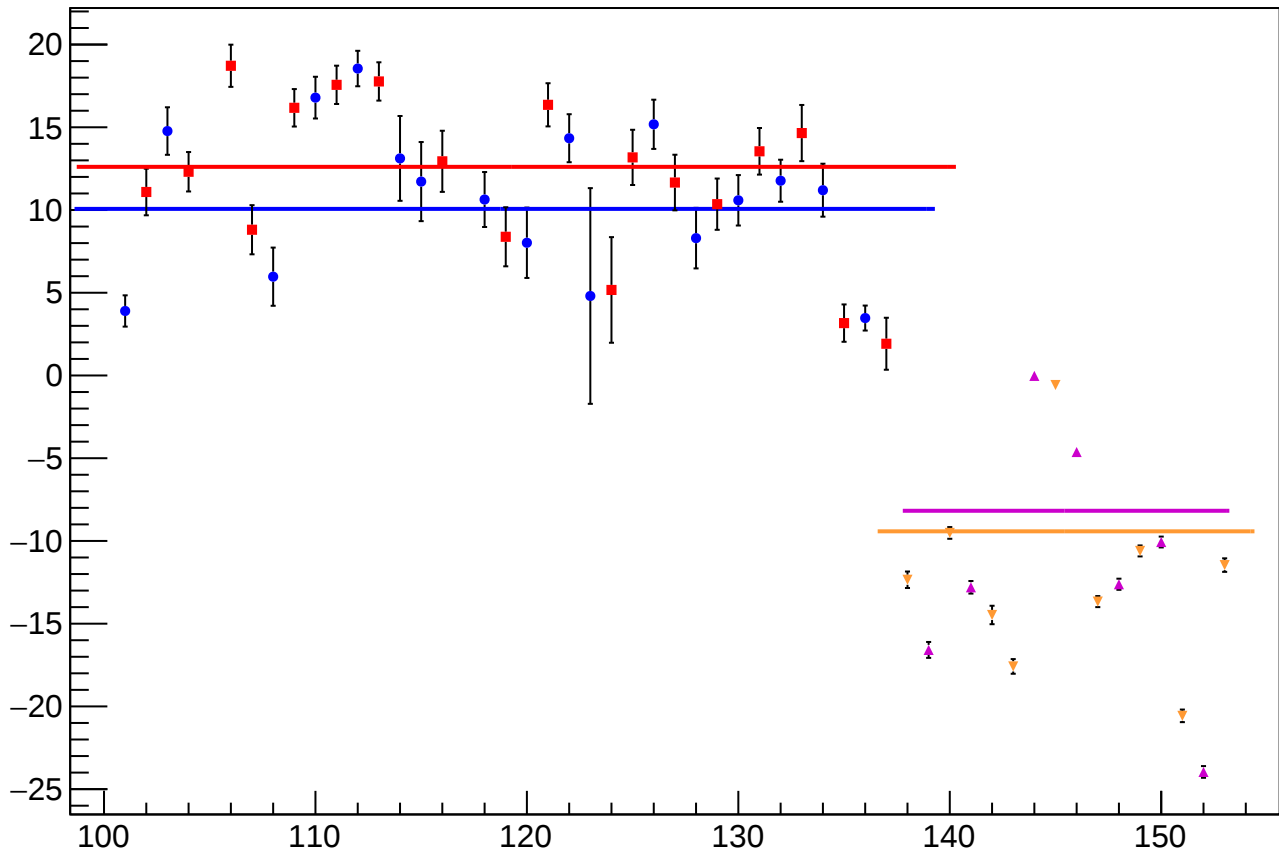
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.652 ± 0.067 χ^2/NDF : 503.1/23

Out: -7.351 ± 0.072 χ^2/NDF : 354.5/26

All: -7.512 ± 0.049 χ^2/NDF : 867.1/50

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: -9.419 ± 0.116 χ^2/NDF : 3355.3/8

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -8.177 ± 0.108 χ^2/NDF : 4197.2/6

Left: -8.756 ± 0.079 χ^2/NDF : 7614.1/15

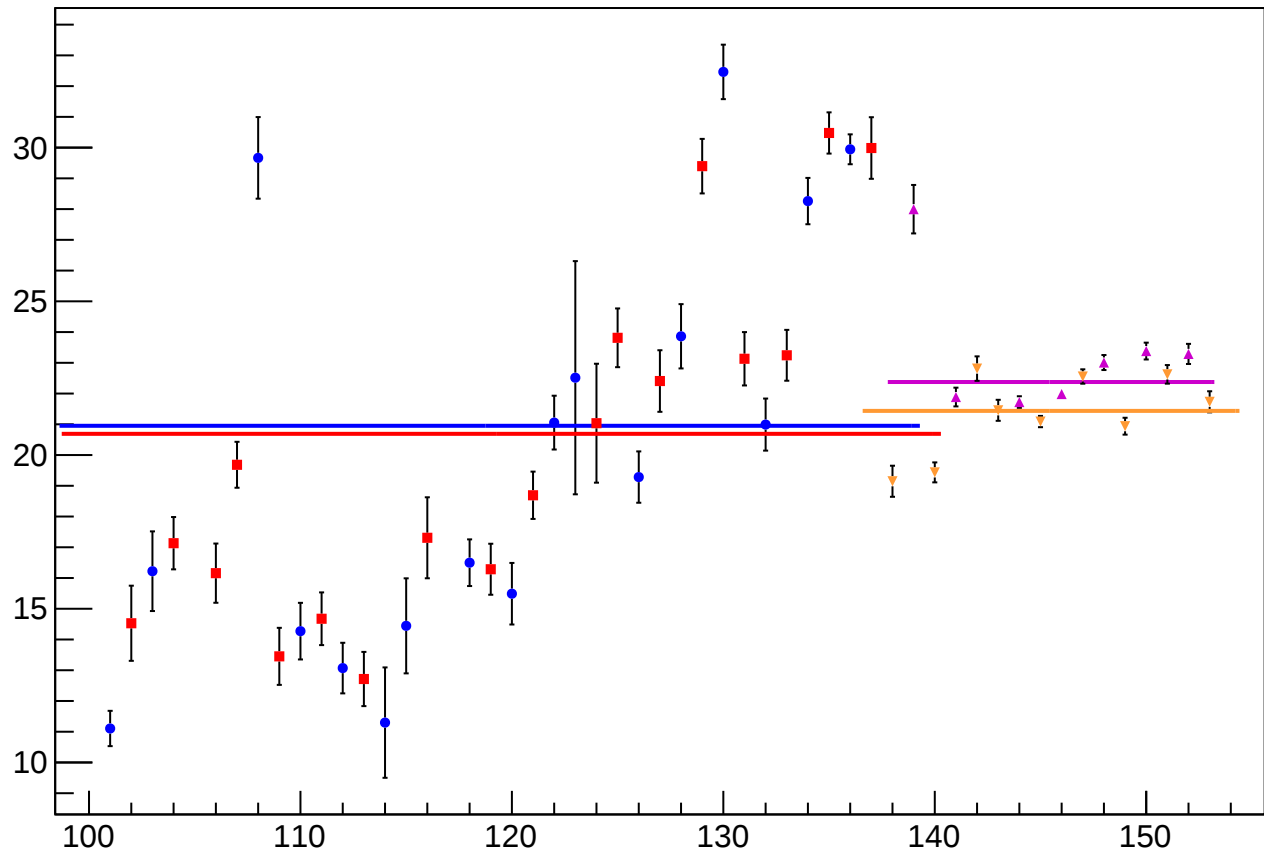
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -6.479 ± 0.103 χ^2/NDF : 7102.6/23

Out: -7.050 ± 0.109 χ^2/NDF : 7477.1/26

All: -6.748 ± 0.075 χ^2/NDF : 14594.2/50

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: 21.436 $\pm$ 0.096 χ^2 /NDF:116.3/8

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.375 $\pm$ 0.089 χ^2 /NDF:100.5/6

Left: 21.940 $\pm$ 0.065 χ^2 /NDF: 268.4/15

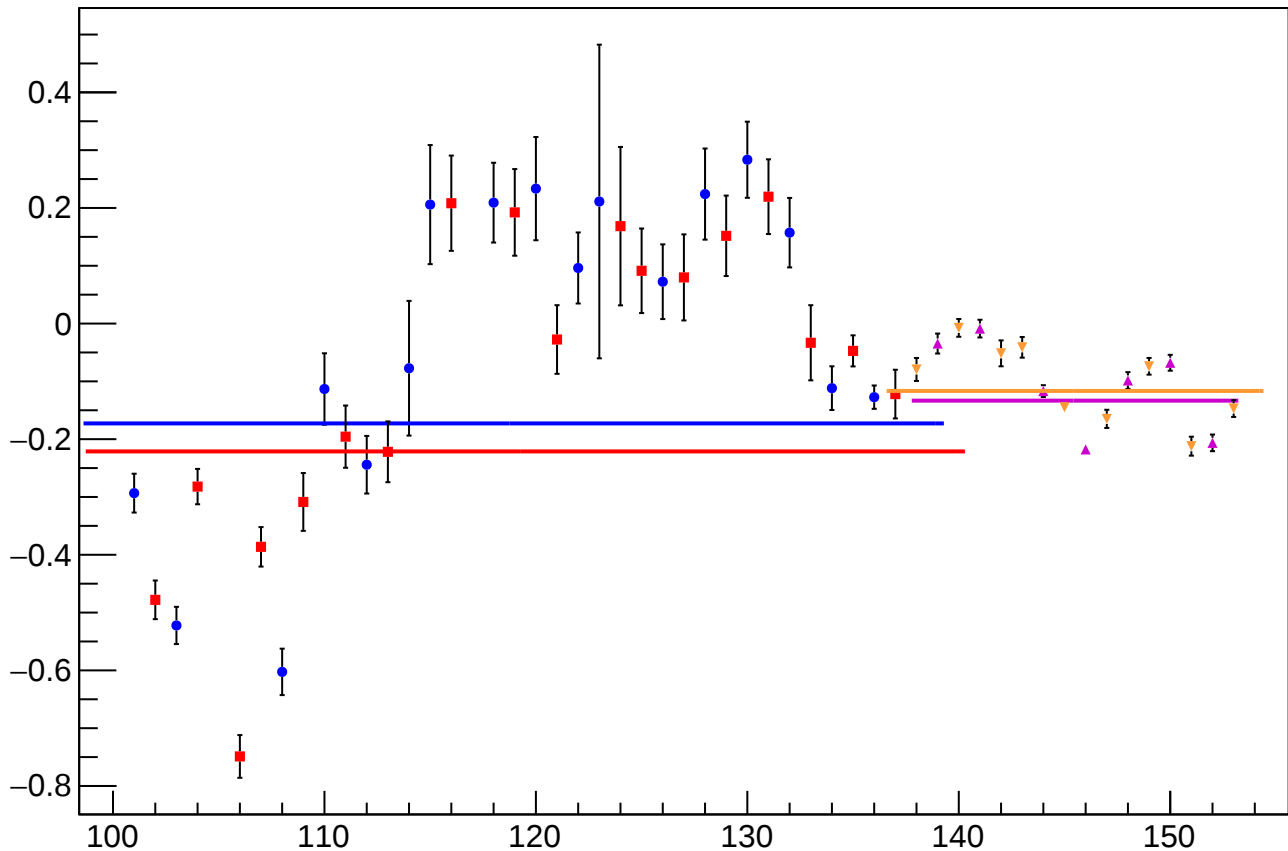
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.158 $\pm$ 0.082 χ^2 /NDF:1362.3/23

Out: 21.310 $\pm$ 0.087 χ^2 /NDF:853.5/26

All: 21.761 $\pm$ 0.060 χ^2 /NDF: 2265.9/50

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: -0.117 ± 0.005 χ^2/NDF : 148.6/8

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.133 ± 0.005 χ^2/NDF : 255.5/6

Left: -0.125 ± 0.003 χ^2/NDF : 410.5/15

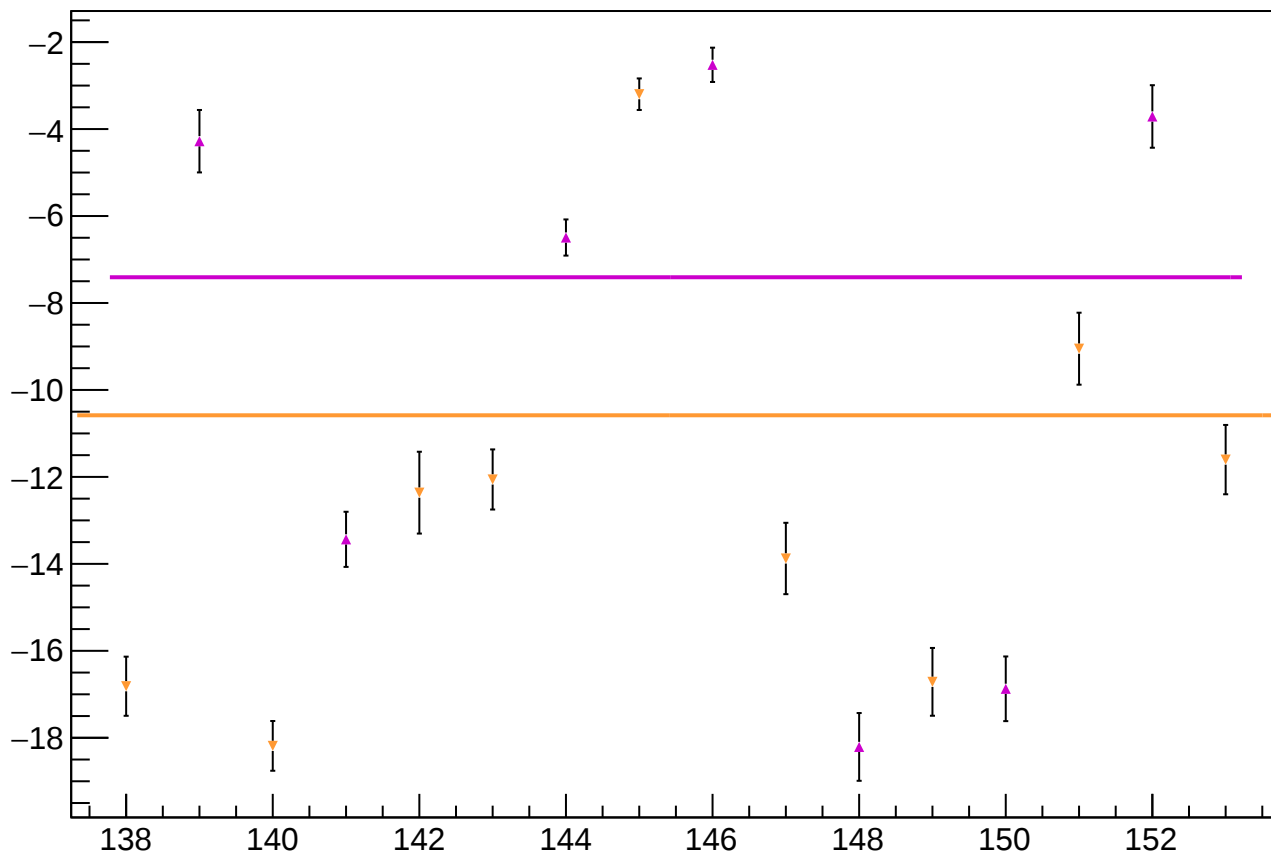
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.139 ± 0.004 χ^2/NDF : 726.4/23

Out: -0.133 ± 0.004 χ^2/NDF : 760.5/26

All: -0.136 ± 0.003 χ^2/NDF : 1487.8/50

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: -10.583+/-0.212 χ^2/NDF : 766.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Left: -9.002+/-0.150 χ^2/NDF : 1525.9/15

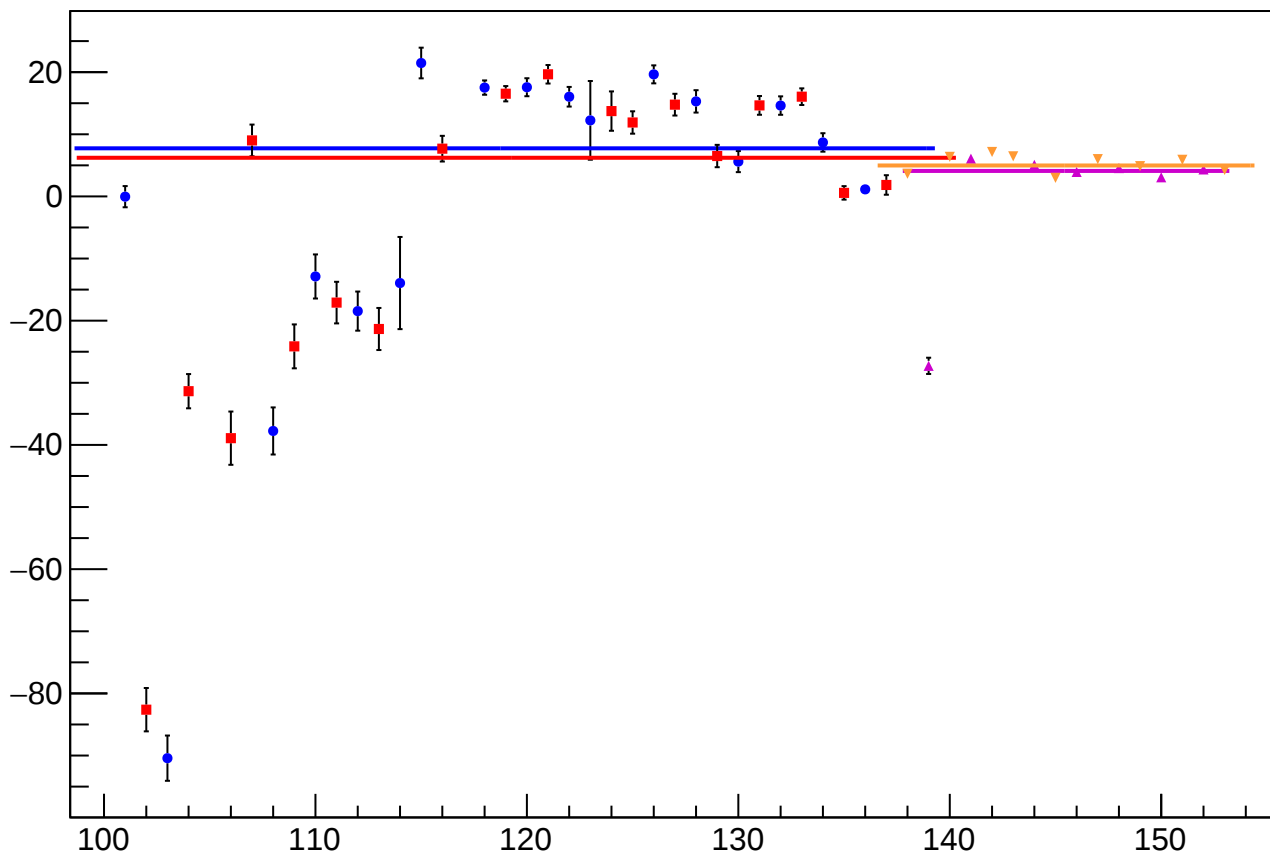
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.408+/-0.213 χ^2/NDF : 648.1/6

Out: -10.583+/-0.212 χ^2/NDF : 766.3/8

All: -9.002+/-0.150 χ^2/NDF : 1525.9/15

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 ± 0.403 $\chi^2/\text{NDF}: 1358.9/16$

Left Out: 4.979 ± 0.150 $\chi^2/\text{NDF}: 96.5/8$

Right Out: 6.220 ± 0.434 $\chi^2/\text{NDF}: 1445.9/17$

Left In: 4.100 ± 0.146 $\chi^2/\text{NDF}: 612.5/6$

Left: 4.528 ± 0.104 $\chi^2/\text{NDF}: 726.7/15$

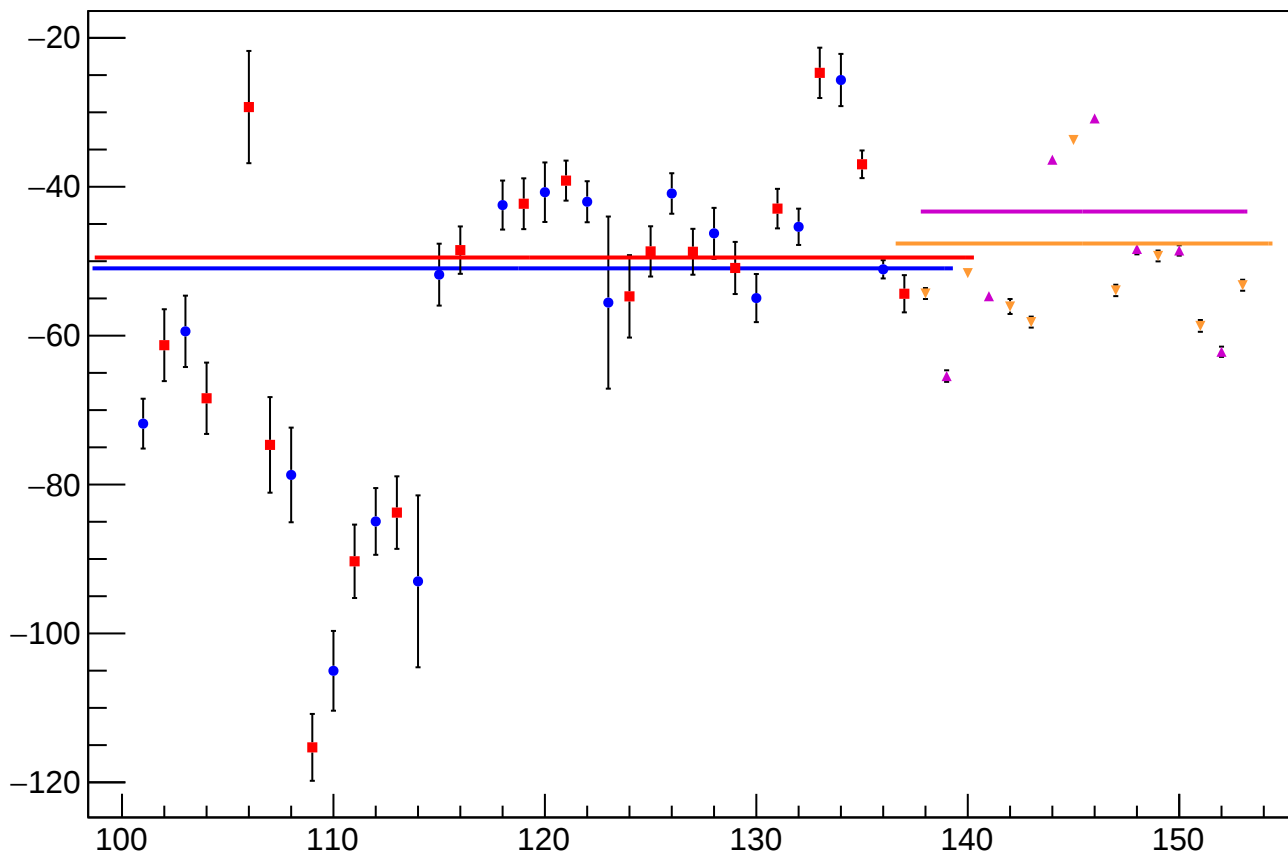
Right: 7.037 ± 0.295 $\chi^2/\text{NDF}: 2811.4/34$

In: 4.521 ± 0.137 $\chi^2/\text{NDF}: 2043.6/23$

Out: 5.111 ± 0.142 $\chi^2/\text{NDF}: 1549.7/26$

All: 4.807 ± 0.098 $\chi^2/\text{NDF}: 3602.3/50$

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: -47.623 ± 0.218 χ^2/NDF : 2013.9/8

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -43.328 ± 0.214 χ^2/NDF : 3276.5/6

Left: -45.433 ± 0.153 χ^2/NDF : 5488.0/15

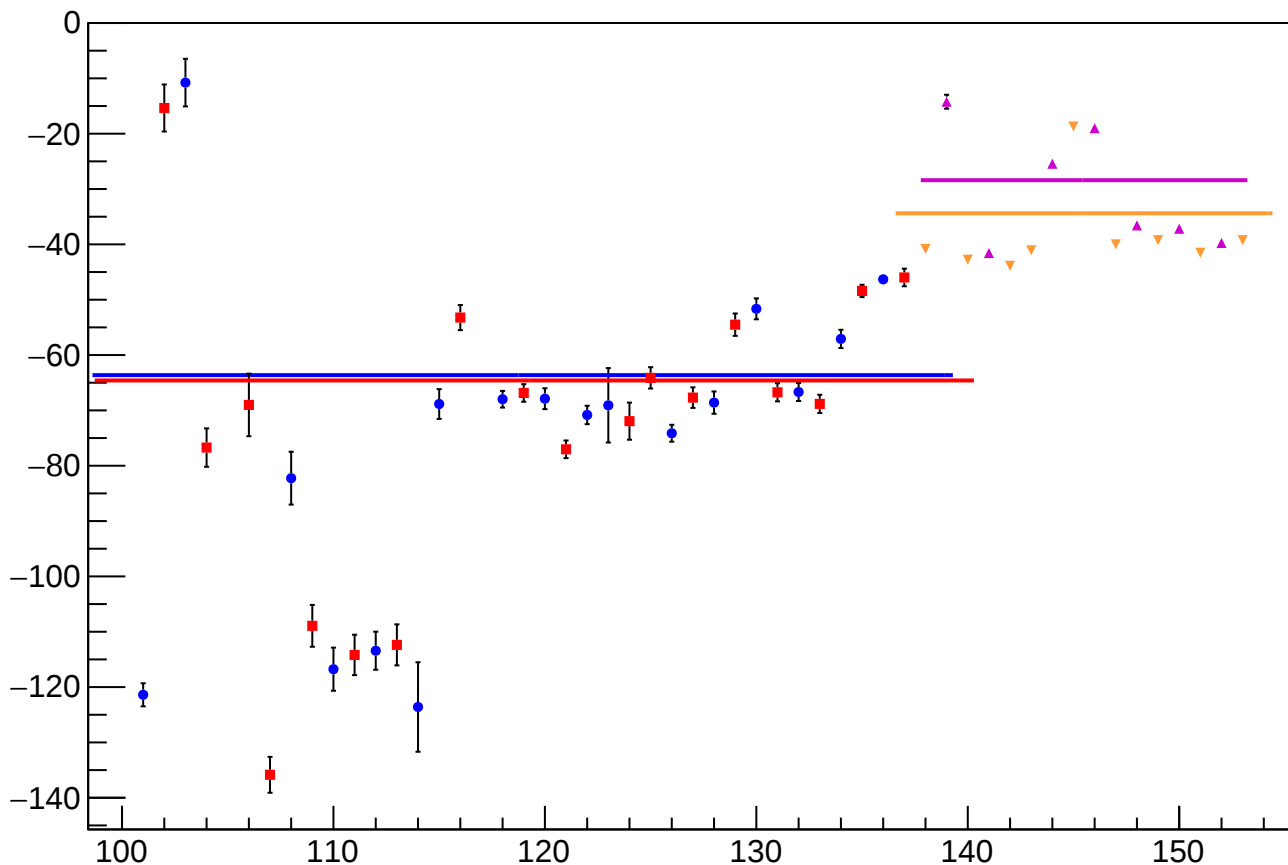
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -43.919 ± 0.205 χ^2/NDF : 3706.9/23

Out: -47.753 ± 0.210 χ^2/NDF : 2525.4/26

All: -45.790 ± 0.147 χ^2/NDF : 6402.5/50

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: -34.381 ± 0.182 χ^2/NDF : 3179.2/8

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -28.402 ± 0.179 χ^2/NDF : 2461.8/6

Left: -31.347 ± 0.128 χ^2/NDF : 6190.2/15

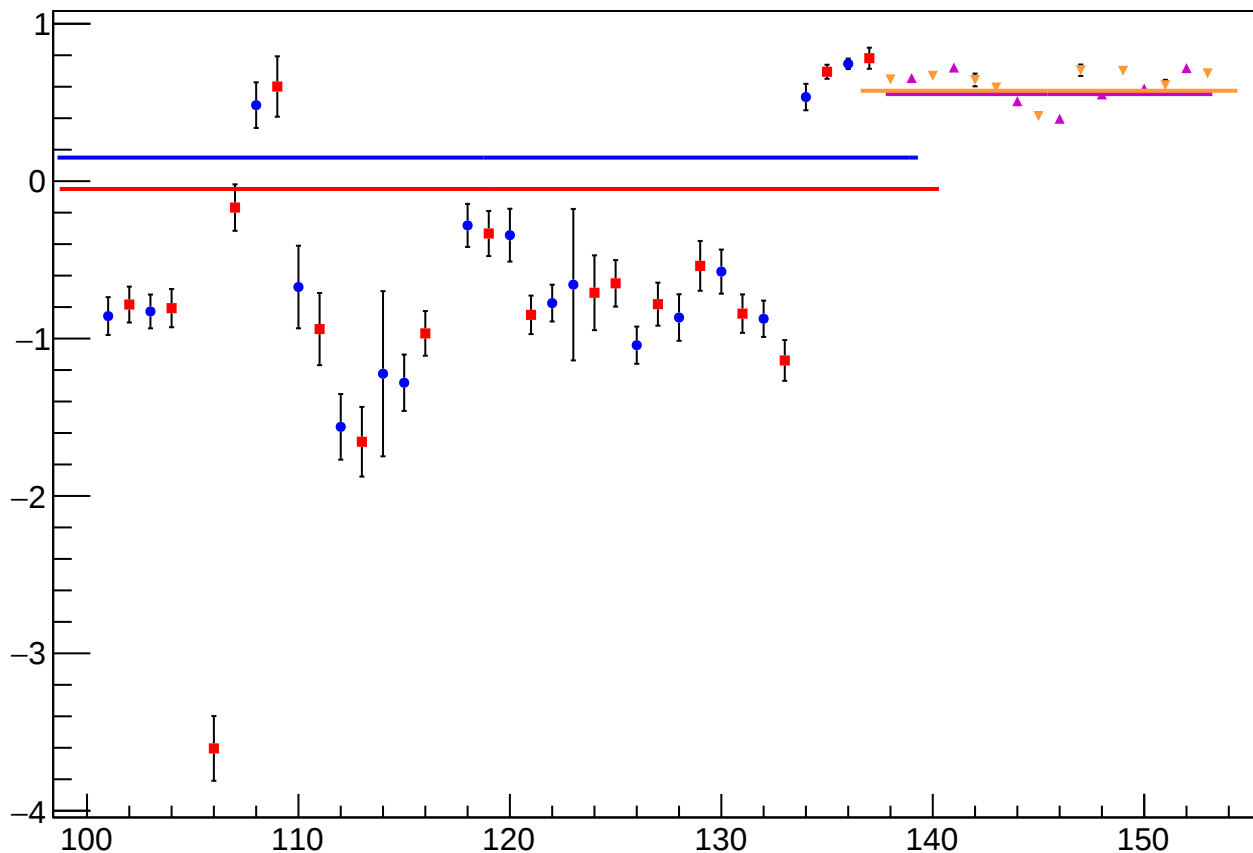
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -33.296 ± 0.166 χ^2/NDF : 9849.3/23

Out: -38.138 ± 0.170 χ^2/NDF : 8210.6/26

All: -35.661 ± 0.119 χ^2/NDF : 18474.8/50

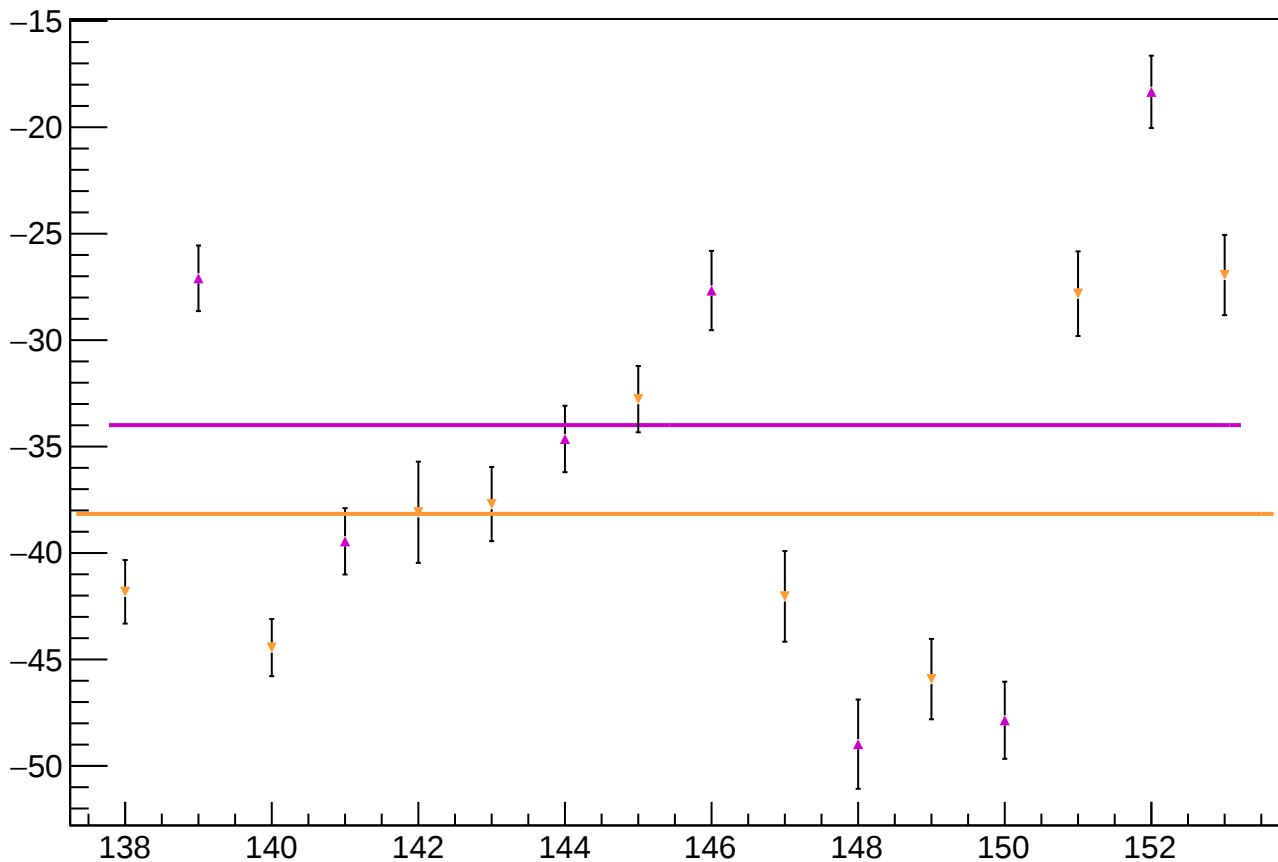
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 $\chi^2/\text{NDF}: 989.2/16$
 Left Out: 0.574 ± 0.009 $\chi^2/\text{NDF}: 181.6/8$
 Right Out: -0.050 ± 0.026 $\chi^2/\text{NDF}: 1154.0/17$
 Left In: 0.553 ± 0.009 $\chi^2/\text{NDF}: 170.5/6$

Left: 0.564 ± 0.006 $\chi^2/\text{NDF}: 354.9/15$
 Right: 0.059 ± 0.018 $\chi^2/\text{NDF}: 2174.6/34$
 In: 0.502 ± 0.009 $\chi^2/\text{NDF}: 1406.6/23$
 Out: 0.510 ± 0.008 $\chi^2/\text{NDF}: 1843.6/26$
 All: 0.506 ± 0.006 $\chi^2/\text{NDF}: 3250.7/50$

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: -38.162+/-0.581 χ^2/NDF :122.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -33.991+/-0.644 χ^2/NDF :238.4/6

Left: -36.290+/-0.432 χ^2/NDF : 384.3/15

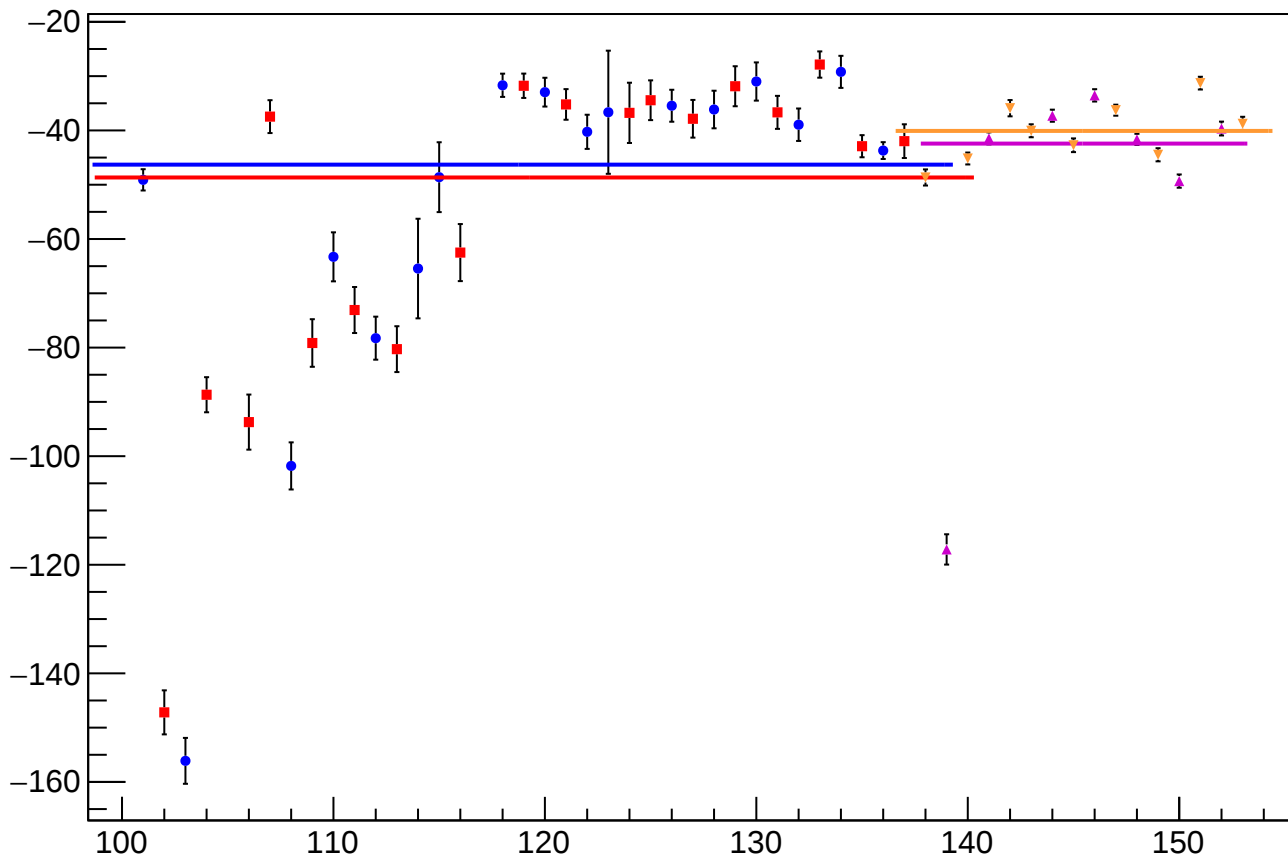
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.991+/-0.644 χ^2/NDF :238.4/6

Out: -38.162+/-0.581 χ^2/NDF :122.8/8

All: -36.290+/-0.432 χ^2/NDF : 384.3/15

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.090 ± 0.407 $\chi^2/\text{NDF}: 151.4/8$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -42.424 ± 0.459 $\chi^2/\text{NDF}: 836.9/6$

Left: -41.119 ± 0.305 $\chi^2/\text{NDF}: 1002.8/15$

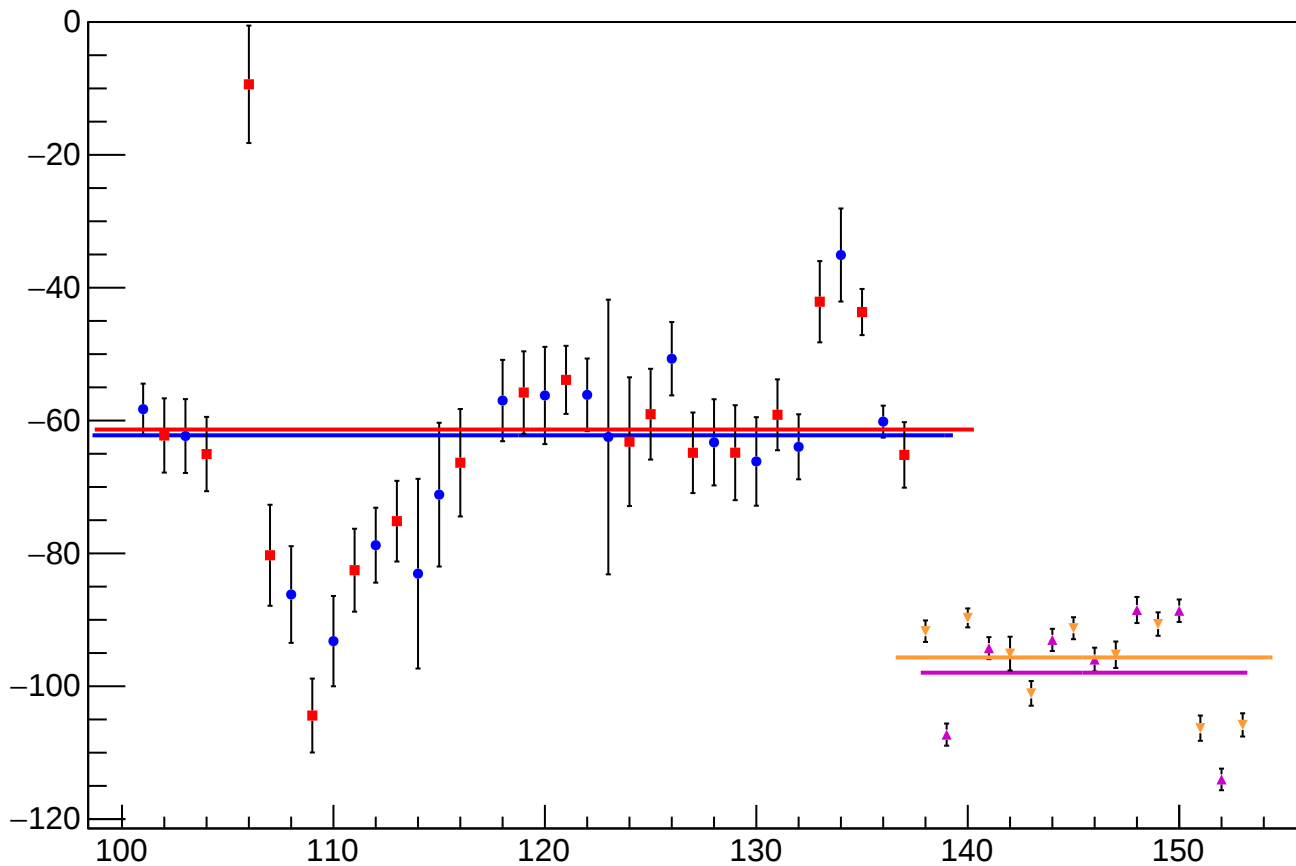
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -43.537 ± 0.388 $\chi^2/\text{NDF}: 1941.4/23$

Out: -41.991 ± 0.359 $\chi^2/\text{NDF}: 1461.9/26$

All: -42.705 ± 0.263 $\chi^2/\text{NDF}: 3411.9/50$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$

Left Out: -95.660 ± 0.591 $\chi^2/\text{NDF}: 112.2/8$

Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$

Left In: -97.958 ± 0.648 $\chi^2/\text{NDF}: 197.2/6$

Left: -96.704 ± 0.437 $\chi^2/\text{NDF}: 316.2/15$

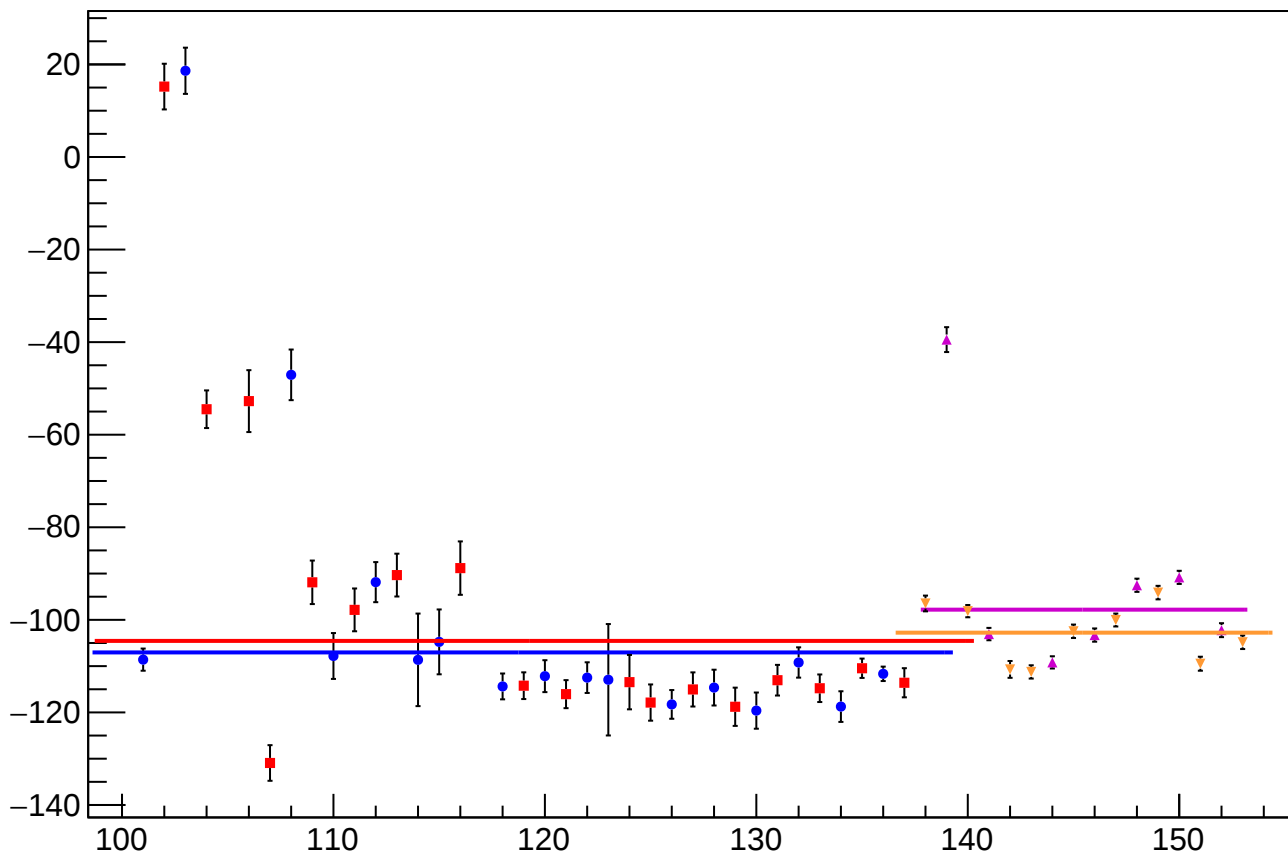
Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$

In: -90.948 ± 0.581 $\chi^2/\text{NDF}: 861.2/23$

Out: -90.354 ± 0.544 $\chi^2/\text{NDF}: 790.9/26$

All: -90.631 ± 0.397 $\chi^2/\text{NDF}: 1652.7/50$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.769 ± 0.497 χ^2/NDF : 140.5/8

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -97.800 ± 0.560 χ^2/NDF : 621.8/6

Left: -100.582 ± 0.372 χ^2/NDF : 806.3/15

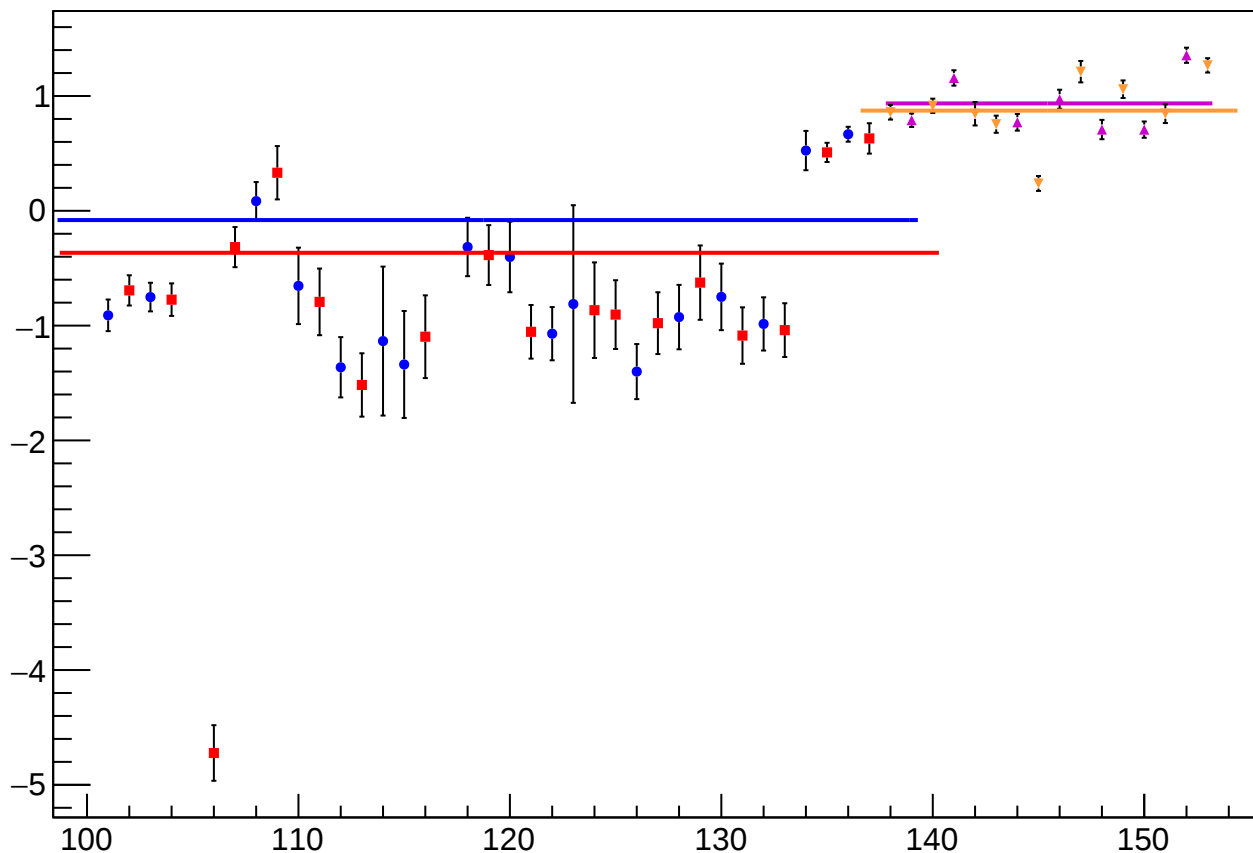
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -100.778 ± 0.461 χ^2/NDF : 1537.4/23

Out: -103.214 ± 0.430 χ^2/NDF : 1111.1/26

All: -102.080 ± 0.315 χ^2/NDF : 2663.4/50

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.081 ± 0.042 χ^2/NDF : 328.9/16

Left Out: 0.873 ± 0.024 χ^2/NDF : 157.9/8

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.935 ± 0.027 χ^2/NDF : 80.3/6

Left: 0.901 ± 0.018 χ^2/NDF : 241.2/15

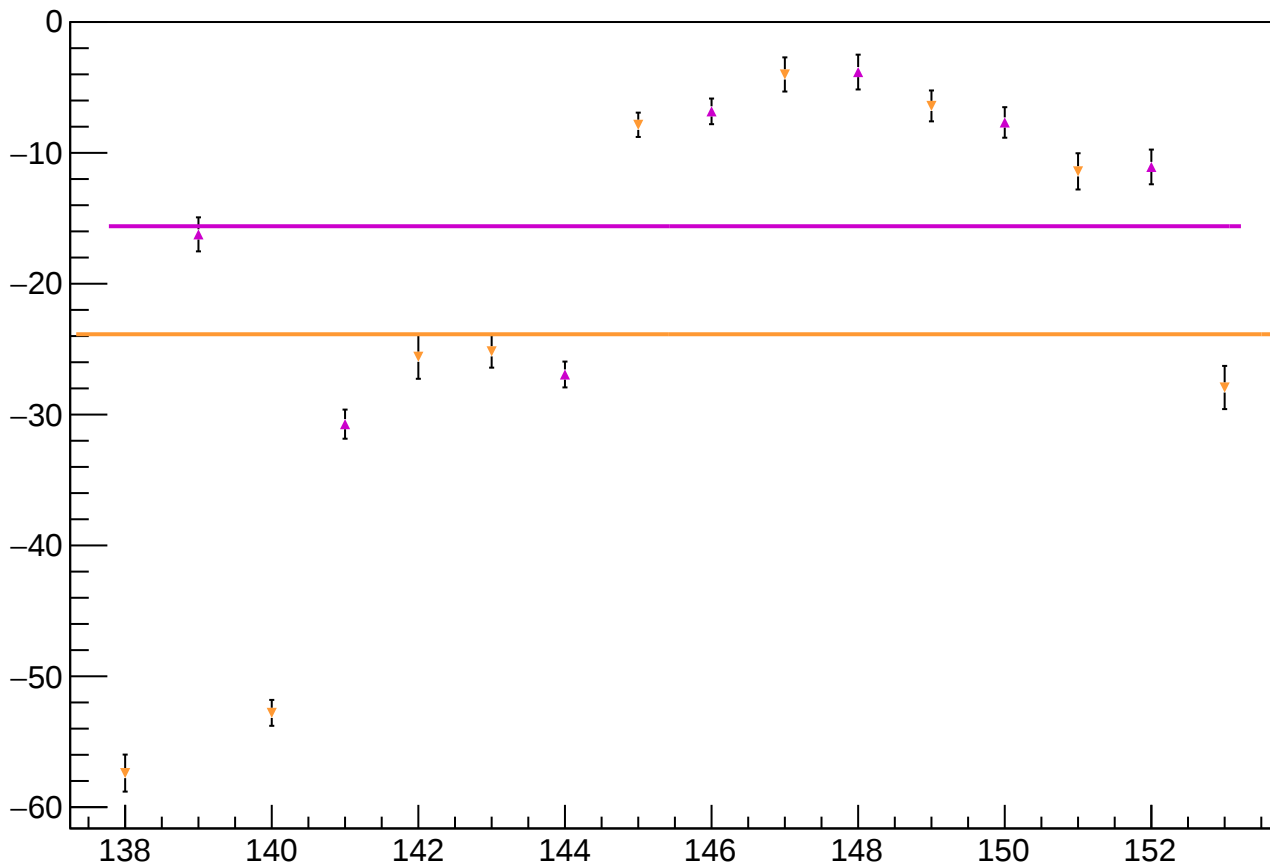
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.647 ± 0.022 χ^2/NDF : 824.5/23

Out: 0.585 ± 0.021 χ^2/NDF : 1338.6/26

All: 0.614 ± 0.015 χ^2/NDF : 2167.1/50

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



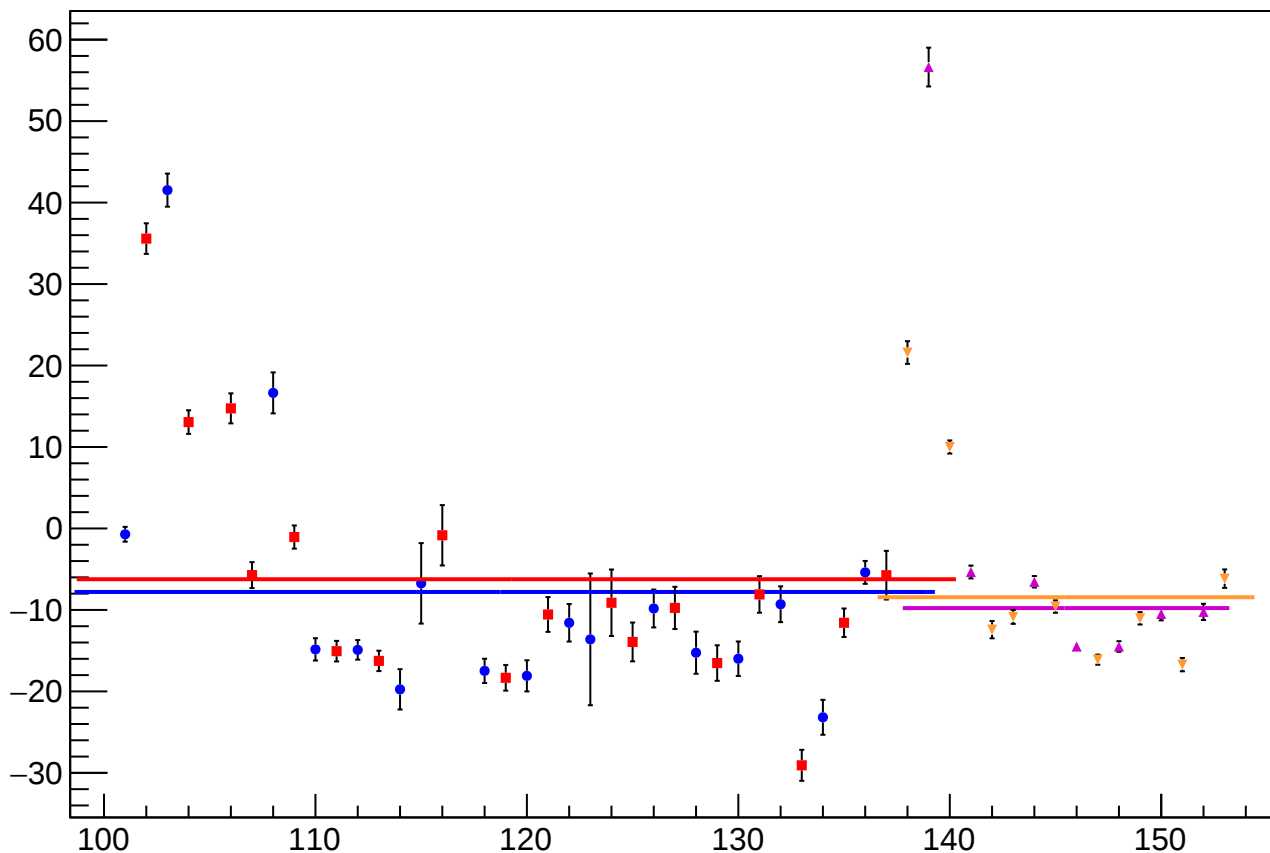
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.861+/-0.413 χ^2/NDF :2251.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -15.606+/-0.433 χ^2/NDF :533.3/6

Left: -19.929+/-0.299 χ^2/NDF : 2975.3/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.606+/-0.433 χ^2/NDF :533.3/6
 Out: -23.861+/-0.413 χ^2/NDF :2251.5/8

All: -19.929+/-0.299 χ^2/NDF : 2975.3/15

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: -8.439 ± 0.282 χ^2/NDF : 1278.3/8

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.772 ± 0.296 χ^2/NDF : 943.0/6

Left: -9.073 ± 0.204 χ^2/NDF : 2232.0/15

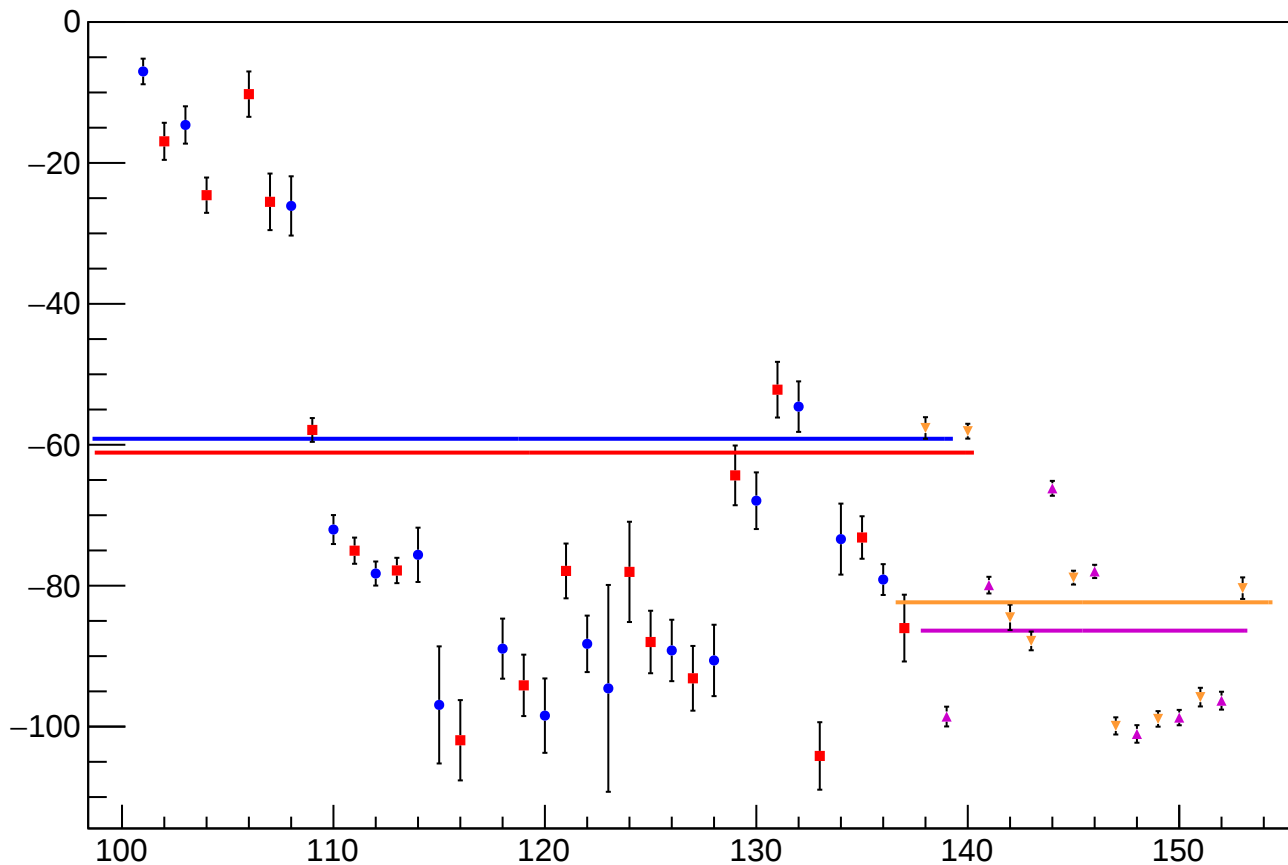
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -9.132 ± 0.243 χ^2/NDF : 1940.2/23

Out: -7.776 ± 0.236 χ^2/NDF : 2479.8/26

All: -8.432 ± 0.169 χ^2/NDF : 4436.0/50

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: -82.361 ± 0.418 χ^2/NDF : 1358.7/8

Right Out: -61.113 ± 0.708 χ^2/NDF : 1317.8/17

Left In: -86.381 ± 0.432 χ^2/NDF : 877.1/6

Left: -84.303 ± 0.301 χ^2/NDF : 2280.5/15

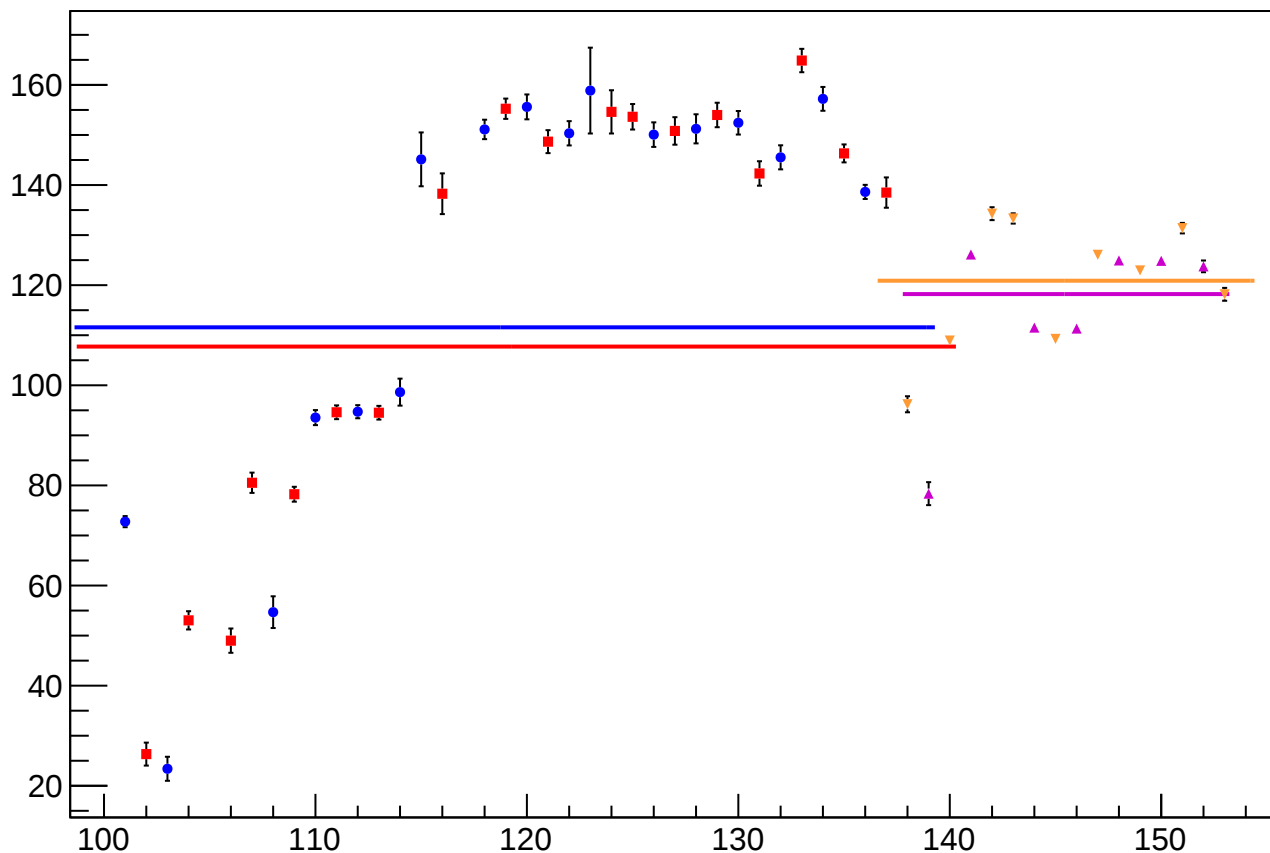
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -79.523 ± 0.374 χ^2/NDF : 3594.3/23

Out: -76.866 ± 0.360 χ^2/NDF : 3344.8/26

All: -78.144 ± 0.259 χ^2/NDF : 6965.2/50

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 ± 0.487 χ^2/NDF : 5946.0/16

Left Out: 120.888 ± 0.346 χ^2/NDF : 963.3/8

Right Out: 107.735 ± 0.489 χ^2/NDF : 6836.2/17

Left In: 118.219 ± 0.364 χ^2/NDF : 645.2/6

Left: 119.621 ± 0.251 χ^2/NDF : 1636.7/15

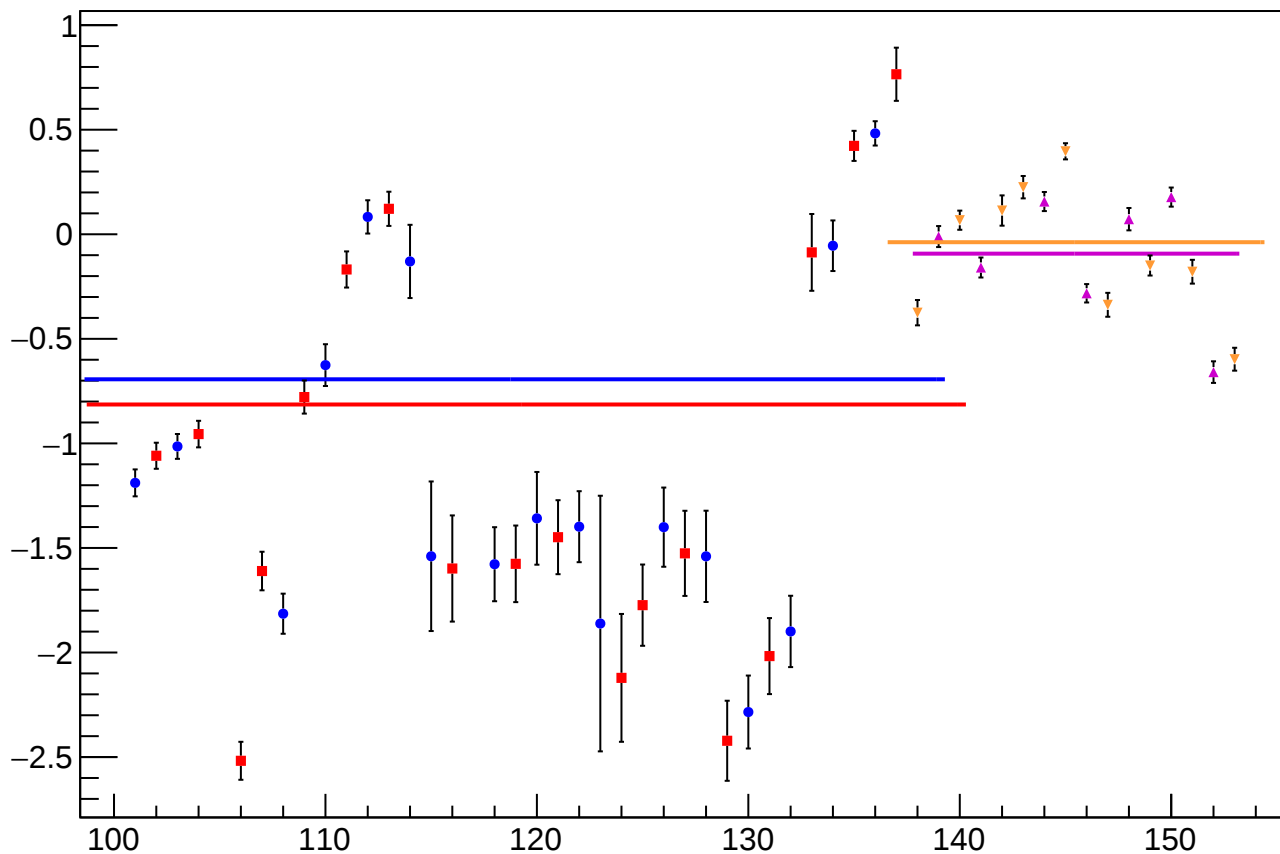
Right: 109.661 ± 0.345 χ^2/NDF : 12813.2/34

In: 115.845 ± 0.292 χ^2/NDF : 6710.3/23

Out: 116.498 ± 0.282 χ^2/NDF : 8282.3/26

All: 116.182 ± 0.203 χ^2/NDF : 14995.2/50

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: -0.038 ± 0.017 χ^2/NDF : 335.0/8

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.093 ± 0.018 χ^2/NDF : 217.7/6

Left: -0.064 ± 0.013 χ^2/NDF : 557.5/15

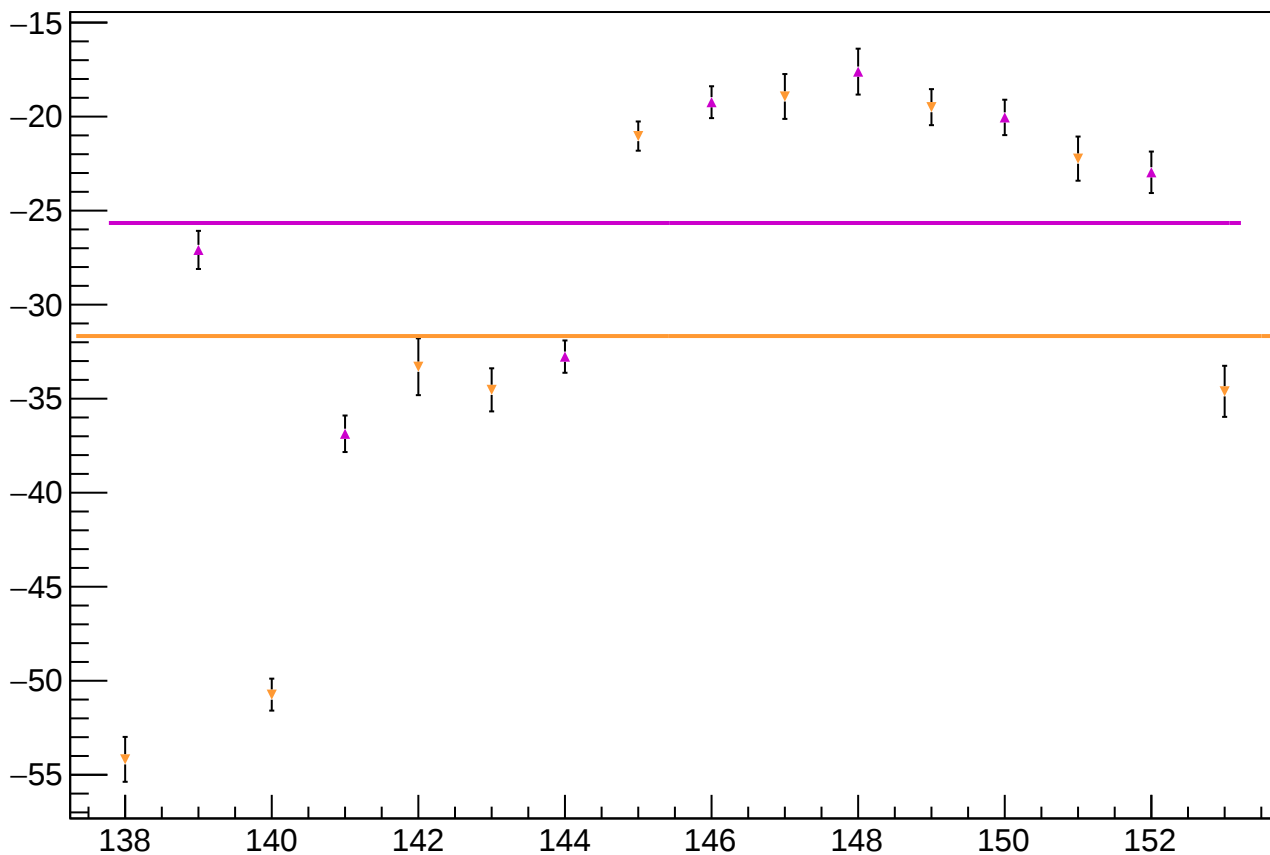
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.292 ± 0.015 χ^2/NDF : 1571.1/23

Out: -0.296 ± 0.014 χ^2/NDF : 2314.2/26

All: -0.294 ± 0.010 χ^2/NDF : 3885.3/50

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



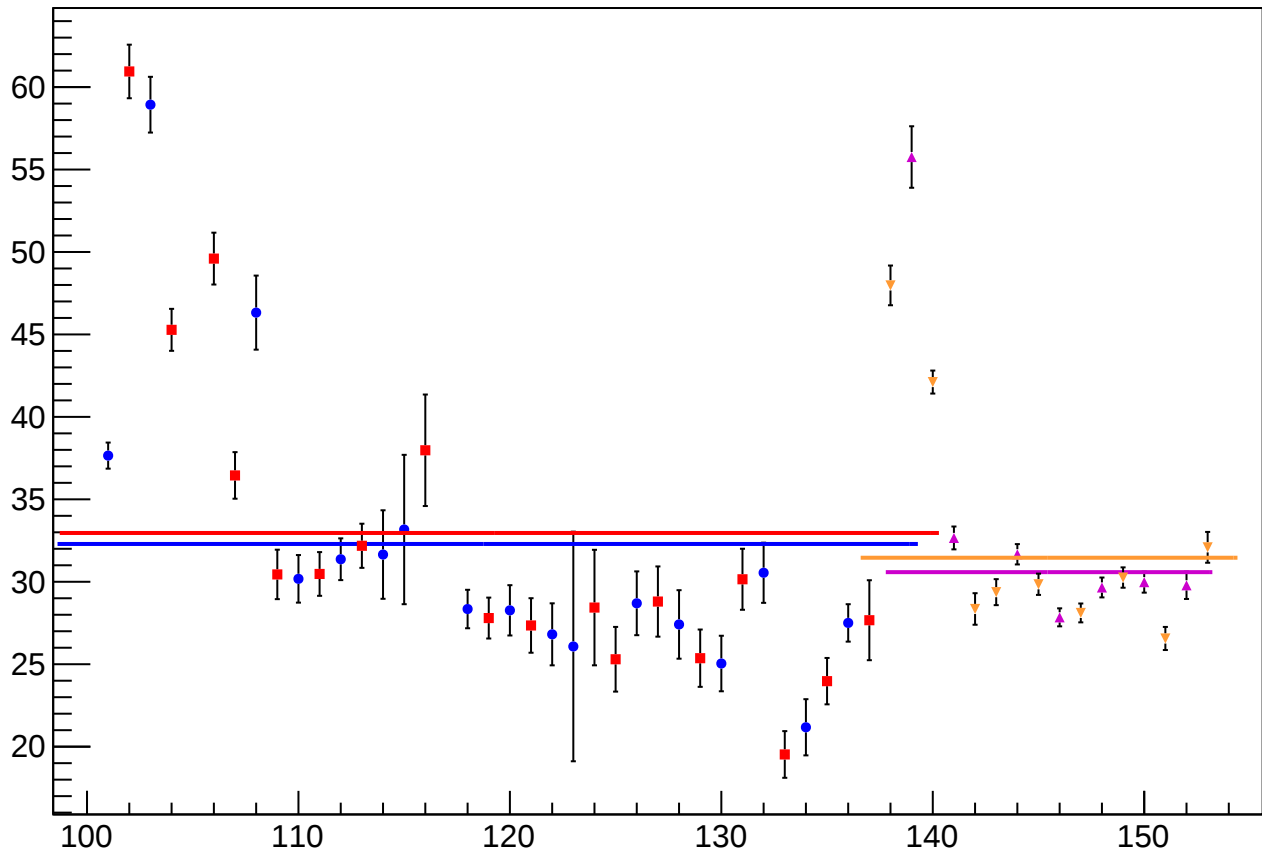
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.669+/-0.353 χ^2/NDF :1398.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -25.658+/-0.367 χ^2/NDF :346.3/6

Left: -28.780+/-0.255 χ^2/NDF : 1883.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.658+/-0.367 χ^2/NDF :346.3/6
 Out: -31.669+/-0.353 χ^2/NDF :1398.6/8

All: -28.780+/-0.255 χ^2/NDF : 1883.9/15

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.459 ± 0.245 $\chi^2/\text{NDF}: 532.6/8$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.584 ± 0.258 $\chi^2/\text{NDF}: 223.7/6$

Left: 31.044 ± 0.177 $\chi^2/\text{NDF}: 762.3/15$

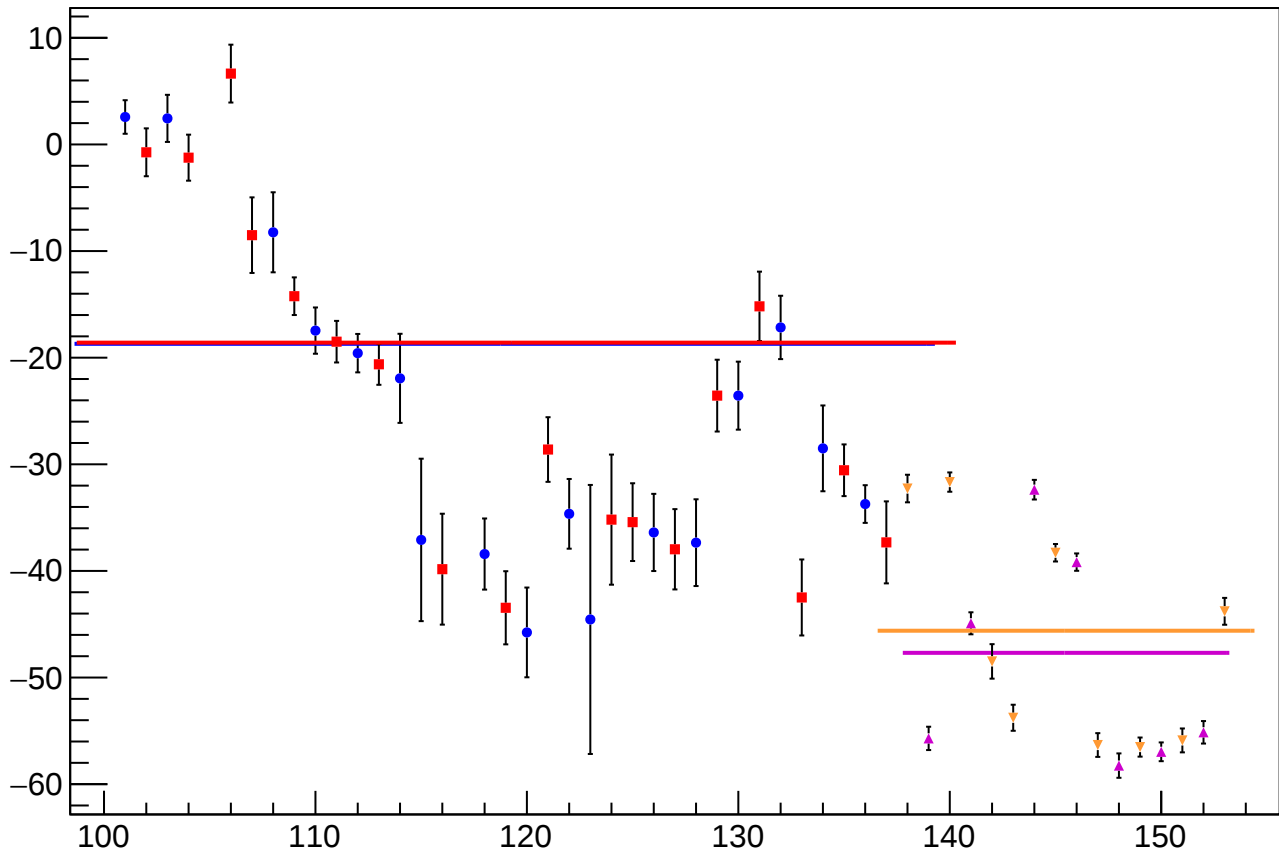
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 31.136 ± 0.212 $\chi^2/\text{NDF}: 690.4/23$

Out: 31.899 ± 0.206 $\chi^2/\text{NDF}: 1267.6/26$

All: 31.529 ± 0.148 $\chi^2/\text{NDF}: 1964.7/50$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 $\chi^2/\text{NDF}: 519.1/16$

Left Out: -45.609 ± 0.357 $\chi^2/\text{NDF}: 798.0/8$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -47.683 ± 0.367 $\chi^2/\text{NDF}: 692.9/6$

Left: -46.617 ± 0.256 $\chi^2/\text{NDF}: 1507.3/15$

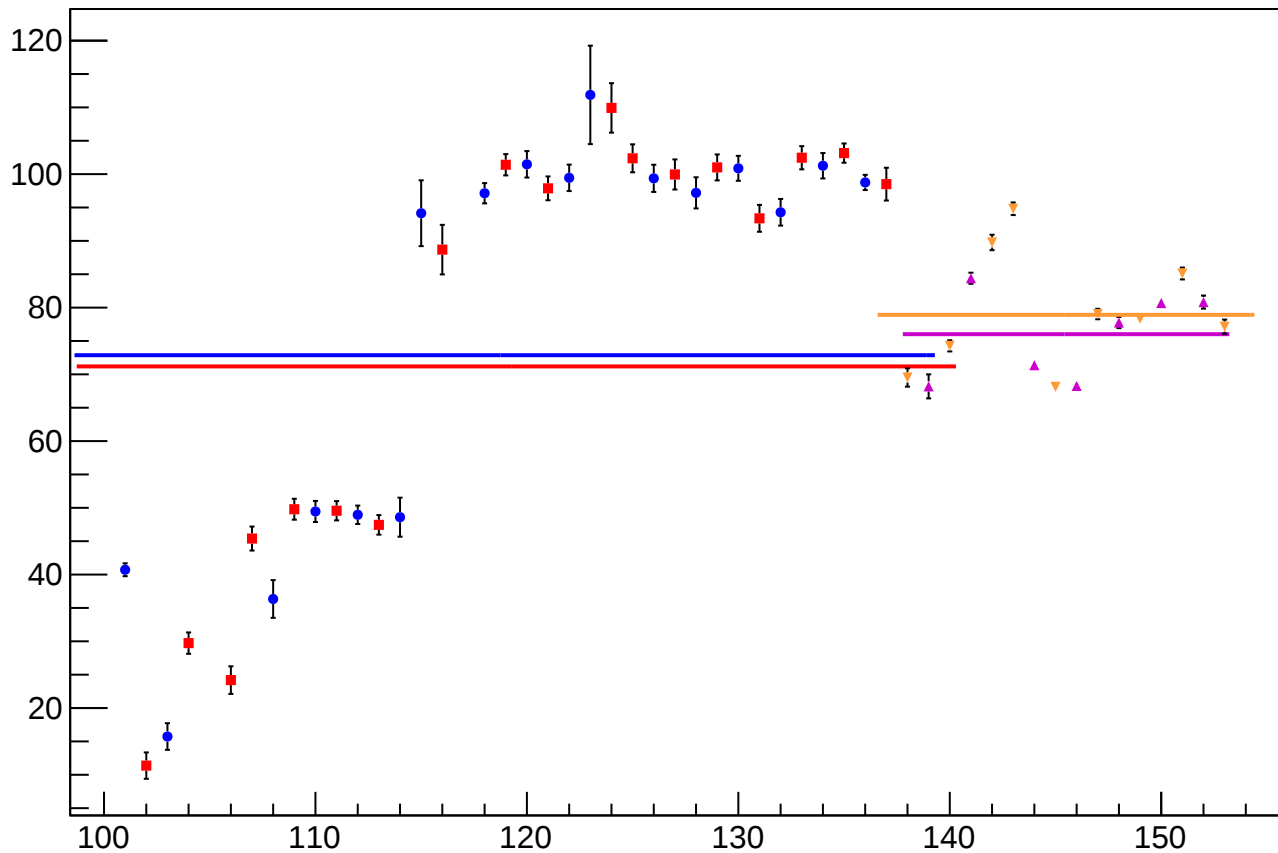
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -40.933 ± 0.322 $\chi^2/\text{NDF}: 2662.6/23$

Out: -39.304 ± 0.313 $\chi^2/\text{NDF}: 2594.0/26$

All: -40.096 ± 0.224 $\chi^2/\text{NDF}: 5269.8/50$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870+/-0.427 χ^2/NDF : 4727.1/16

Left Out: 78.916+/-0.299 χ^2/NDF : 711.5/8

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 76.021+/-0.314 χ^2/NDF : 361.3/6

Left: 77.541+/-0.216 χ^2/NDF : 1117.5/15

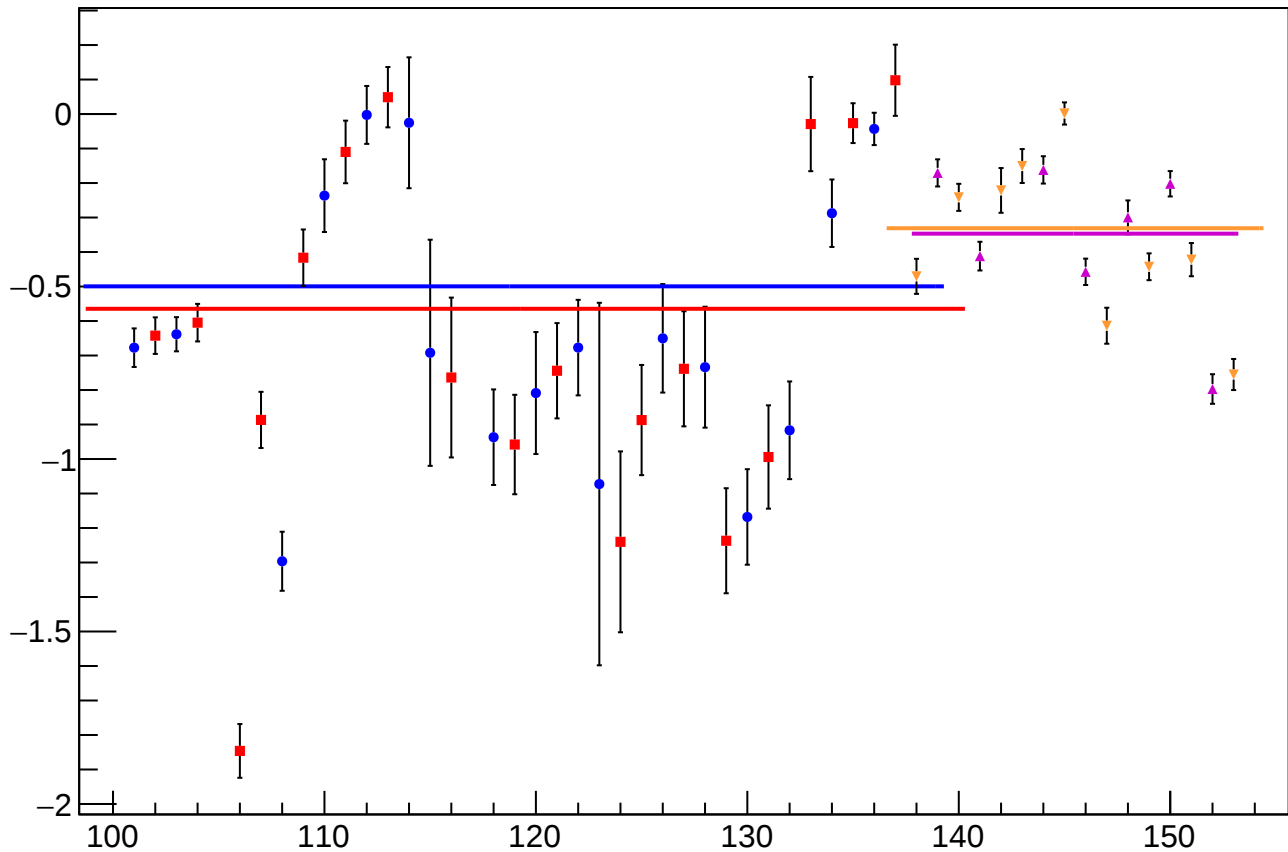
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 74.914+/-0.253 χ^2/NDF : 5123.8/23

Out: 76.434+/-0.246 χ^2/NDF : 6301.7/26

All: 75.695+/-0.176 χ^2/NDF : 11444.1/50

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.500 ± 0.022 χ^2/NDF : 302.6/16

Left Out: -0.331 ± 0.015 χ^2/NDF : 265.8/8

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.347 ± 0.015 χ^2/NDF : 179.2/6

Left: -0.339 ± 0.011 χ^2/NDF : 445.6/15

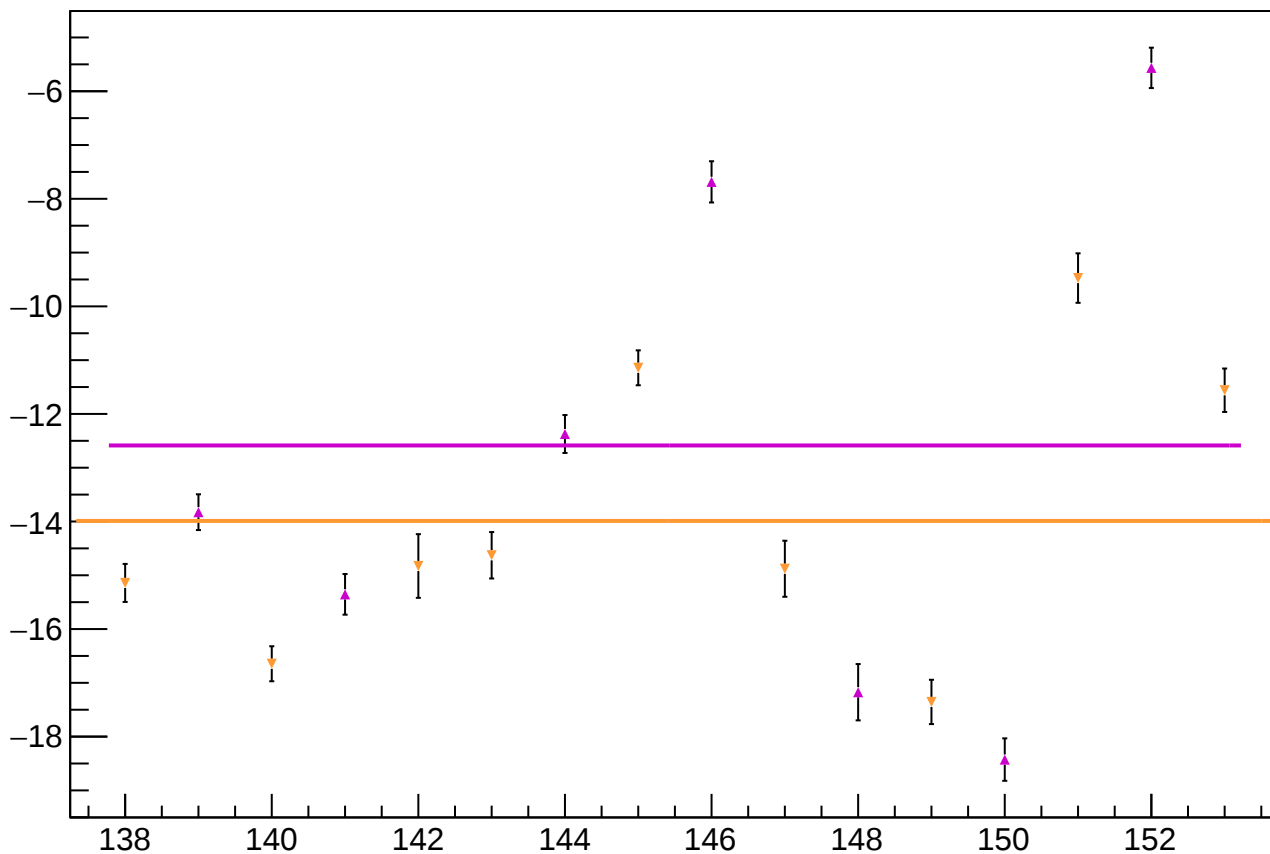
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.396 ± 0.013 χ^2/NDF : 513.7/23

Out: -0.405 ± 0.012 χ^2/NDF : 905.3/26

All: -0.401 ± 0.009 χ^2/NDF : 1419.2/50

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



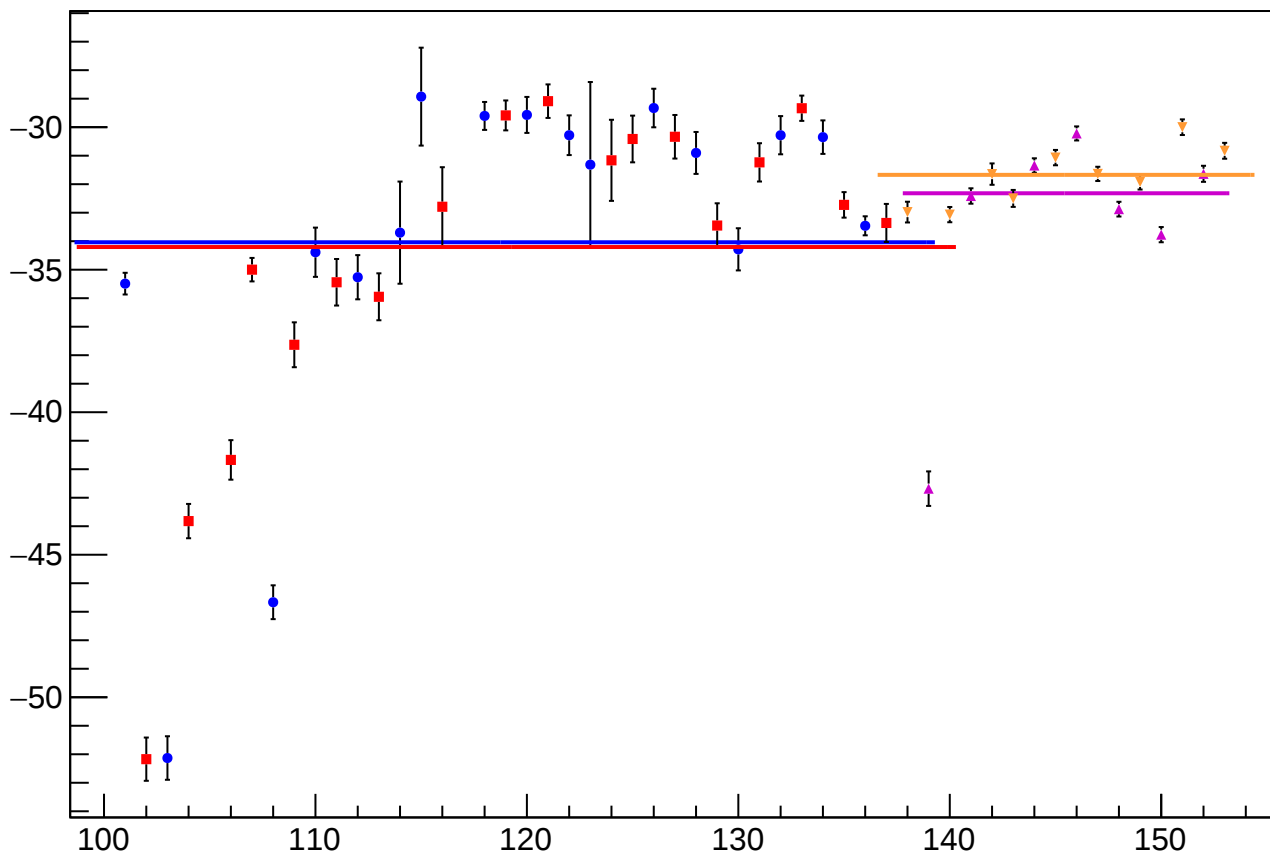
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -13.990 $\pm$ 0.134 χ^2 /NDF:360.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.586 $\pm$ 0.144 χ^2 /NDF:877.1/6

Left: -13.339 $\pm$ 0.098 χ^2 /NDF: 1288.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.586 $\pm$ 0.144 χ^2 /NDF:877.1/6
 Out: -13.990 $\pm$ 0.134 χ^2 /NDF:360.5/8

All: -13.339 $\pm$ 0.098 χ^2 /NDF: 1288.4/15

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: -31.673 ± 0.095 χ^2/NDF : 100.1/8

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -32.318 ± 0.105 χ^2/NDF : 420.5/6

Left: -31.963 ± 0.071 χ^2/NDF : 541.2/15

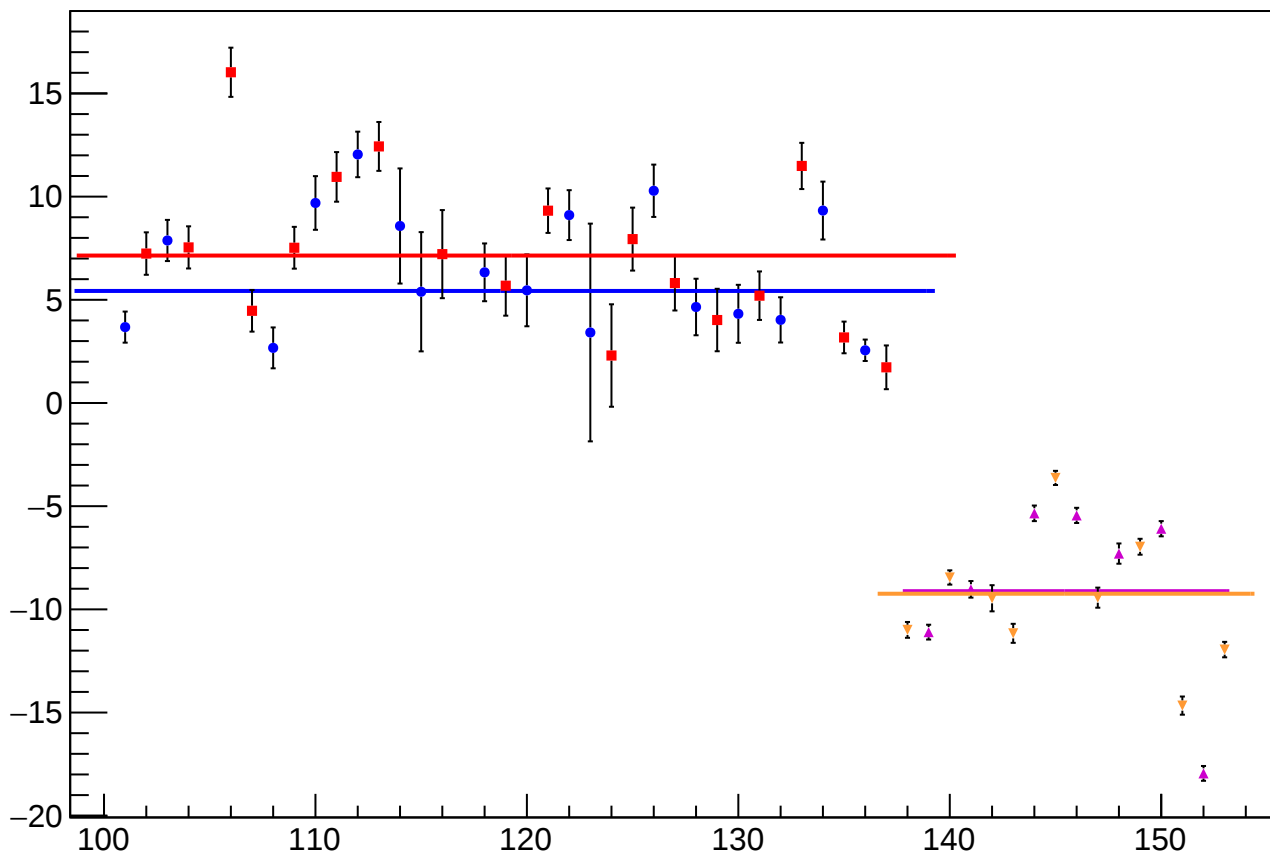
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.882 ± 0.086 χ^2/NDF : 1850.7/23

Out: -32.395 ± 0.081 χ^2/NDF : 1622.3/26

All: -32.622 ± 0.059 χ^2/NDF : 3490.0/50

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.243 ± 0.136 χ^2/NDF : 550.1/8

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -9.119 ± 0.145 χ^2/NDF : 915.7/6

Left: -9.185 ± 0.099 χ^2/NDF : 1466.2/15

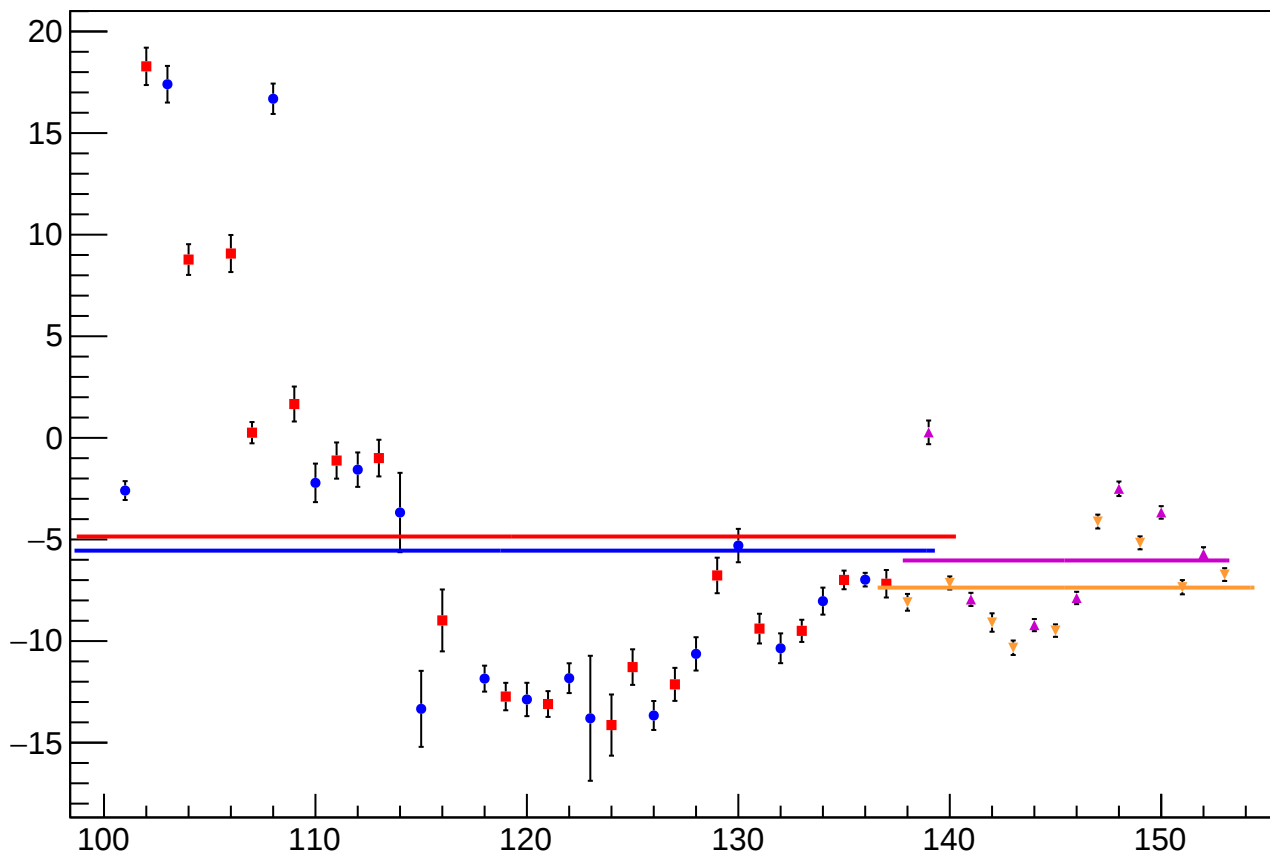
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -5.861 ± 0.128 χ^2/NDF : 3303.3/23

Out: -6.022 ± 0.122 χ^2/NDF : 3582.3/26

All: -5.945 ± 0.088 χ^2/NDF : 6886.4/50

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.550 ± 0.170 χ^2/NDF : 2126.6/16

Left Out: -7.369 ± 0.115 χ^2/NDF : 275.8/8

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.033 ± 0.127 χ^2/NDF : 457.9/6

Left: -6.767 ± 0.085 χ^2/NDF : 794.1/15

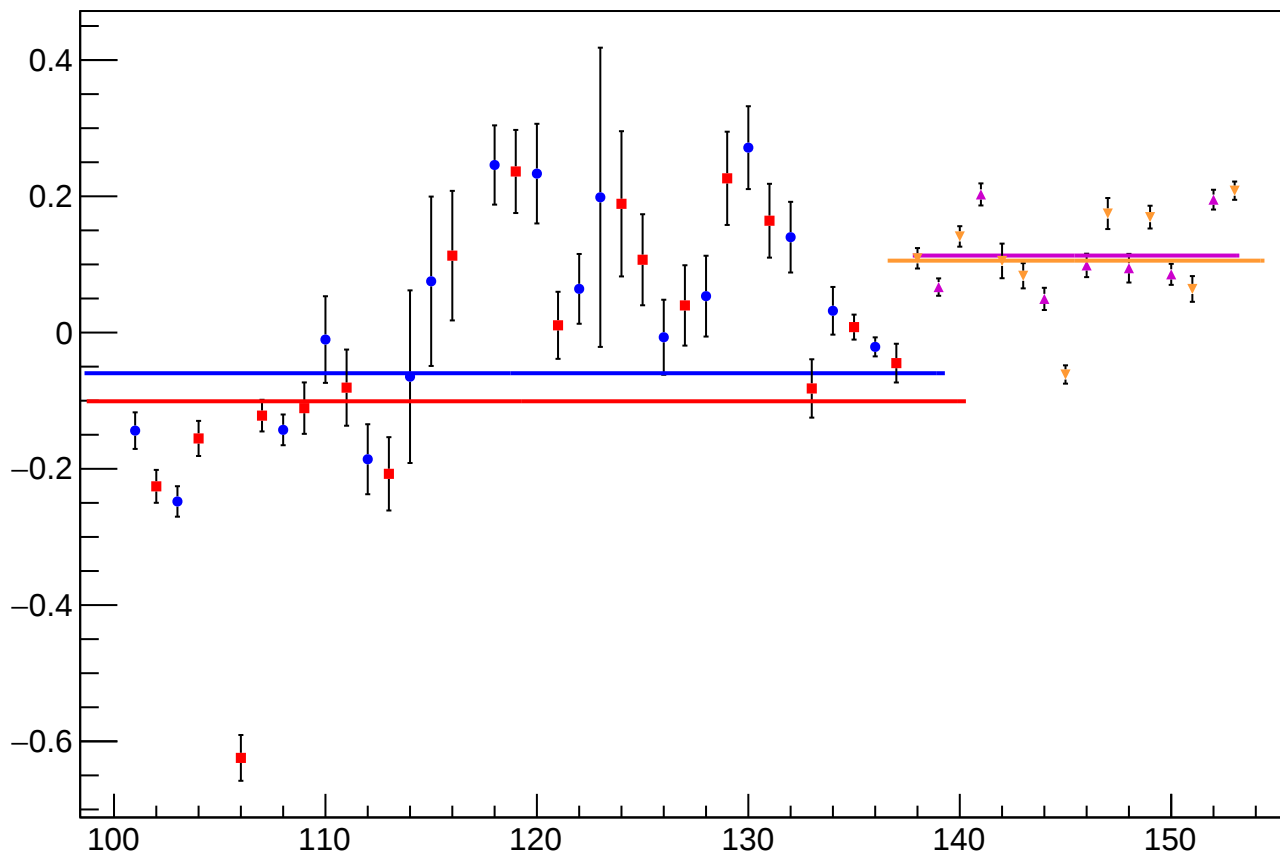
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -5.860 ± 0.102 χ^2/NDF : 2589.6/23

Out: -6.594 ± 0.096 χ^2/NDF : 2435.3/26

All: -6.249 ± 0.070 χ^2/NDF : 5052.5/50

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: 0.106 ± 0.006 χ^2/NDF : 248.9/8

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.113 ± 0.006 χ^2/NDF : 95.7/6

Left: 0.109 ± 0.004 χ^2/NDF : 345.4/15

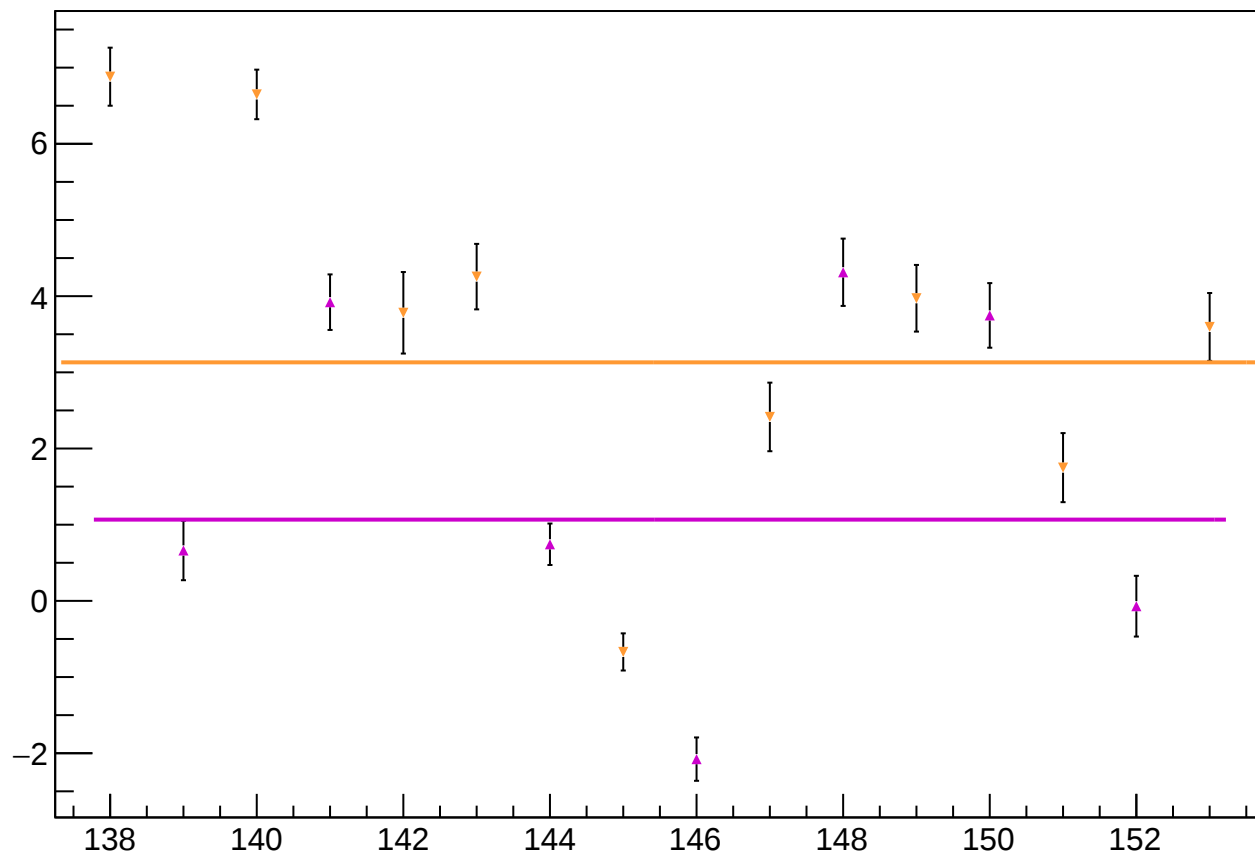
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.055 ± 0.005 χ^2/NDF : 594.2/23

Out: 0.044 ± 0.005 χ^2/NDF : 1095.7/26

All: 0.049 ± 0.003 χ^2/NDF : 1693.0/50

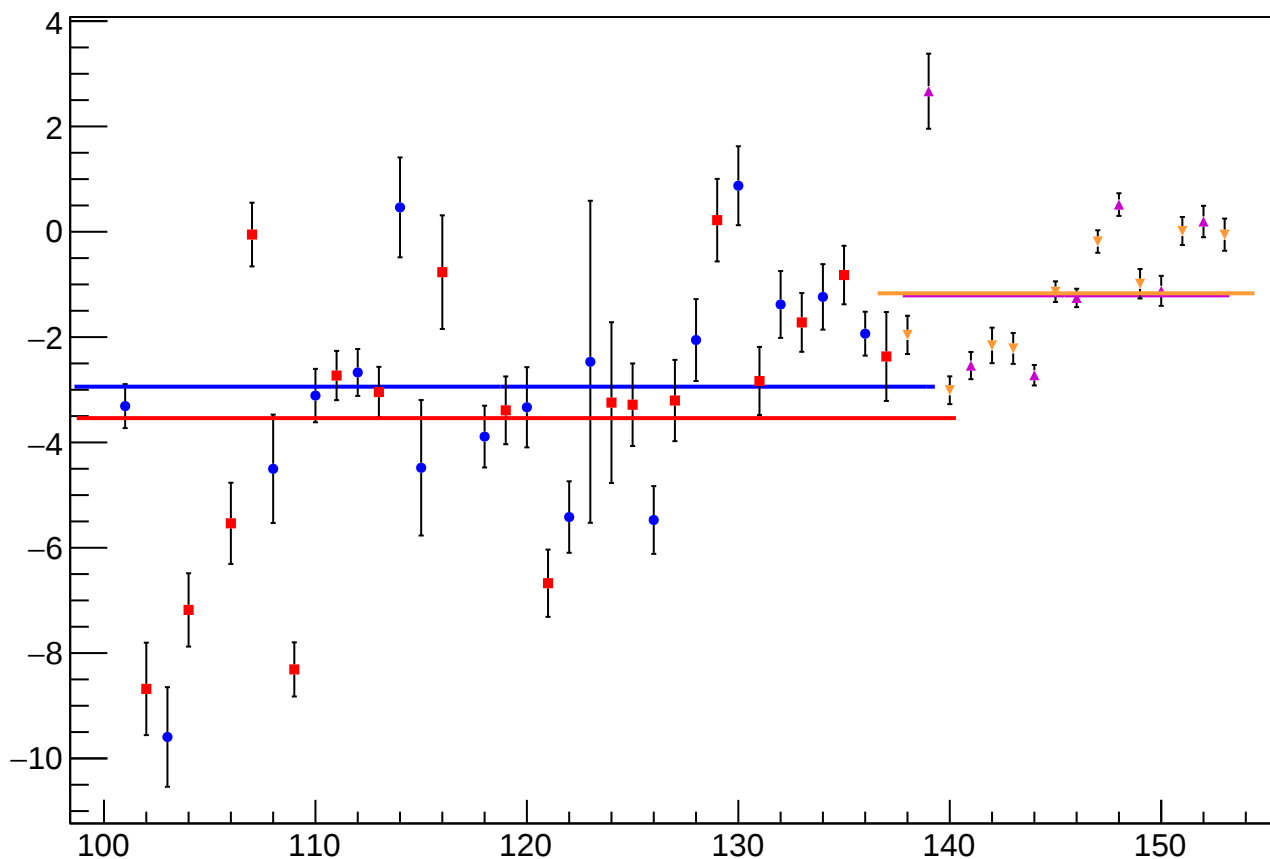
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.131 $\pm$ 0.127 χ^2 /NDF:481.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6

Left: 2.144 $\pm$ 0.092 χ^2 /NDF: 896.2/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 1.067 $\pm$ 0.133 χ^2 /NDF:288.0/6
 Out: 3.131 $\pm$ 0.127 χ^2 /NDF:481.7/8
 All: 2.144 $\pm$ 0.092 χ^2 /NDF: 896.2/15

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 χ^2/NDF : 145.6/16

Left Out: -1.168 ± 0.088 χ^2/NDF : 129.2/8

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.208 ± 0.091 χ^2/NDF : 203.3/6

Left: -1.187 ± 0.063 χ^2/NDF : 332.6/15

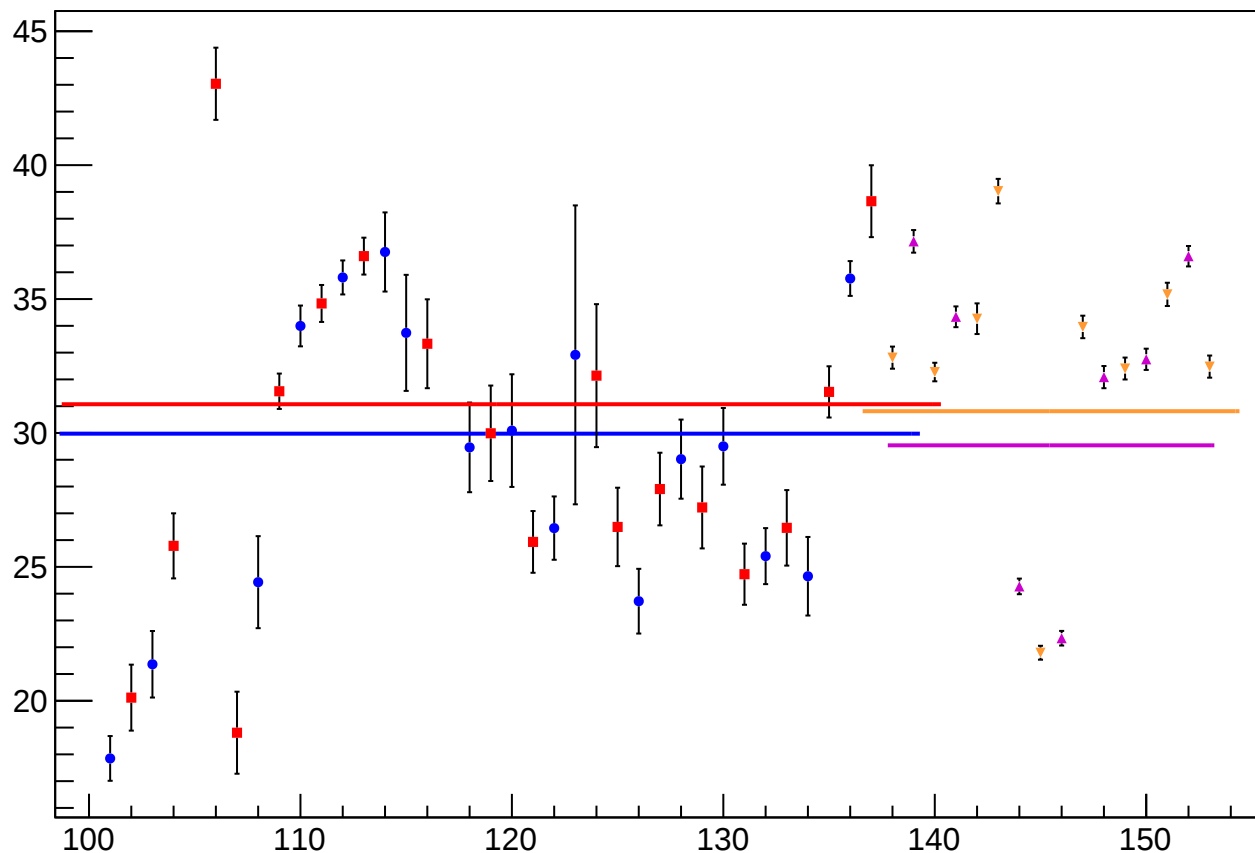
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.654 ± 0.078 χ^2/NDF : 442.7/23

Out: -1.753 ± 0.077 χ^2/NDF : 589.7/26

All: -1.704 ± 0.055 χ^2/NDF : 1033.3/50

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: 30.813 $\pm$ 0.130 χ^2 /NDF:1793.2/8

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 29.538 $\pm$ 0.133 χ^2 /NDF:1946.7/6

Left: 30.193 $\pm$ 0.093 χ^2 /NDF: 3787.1/15

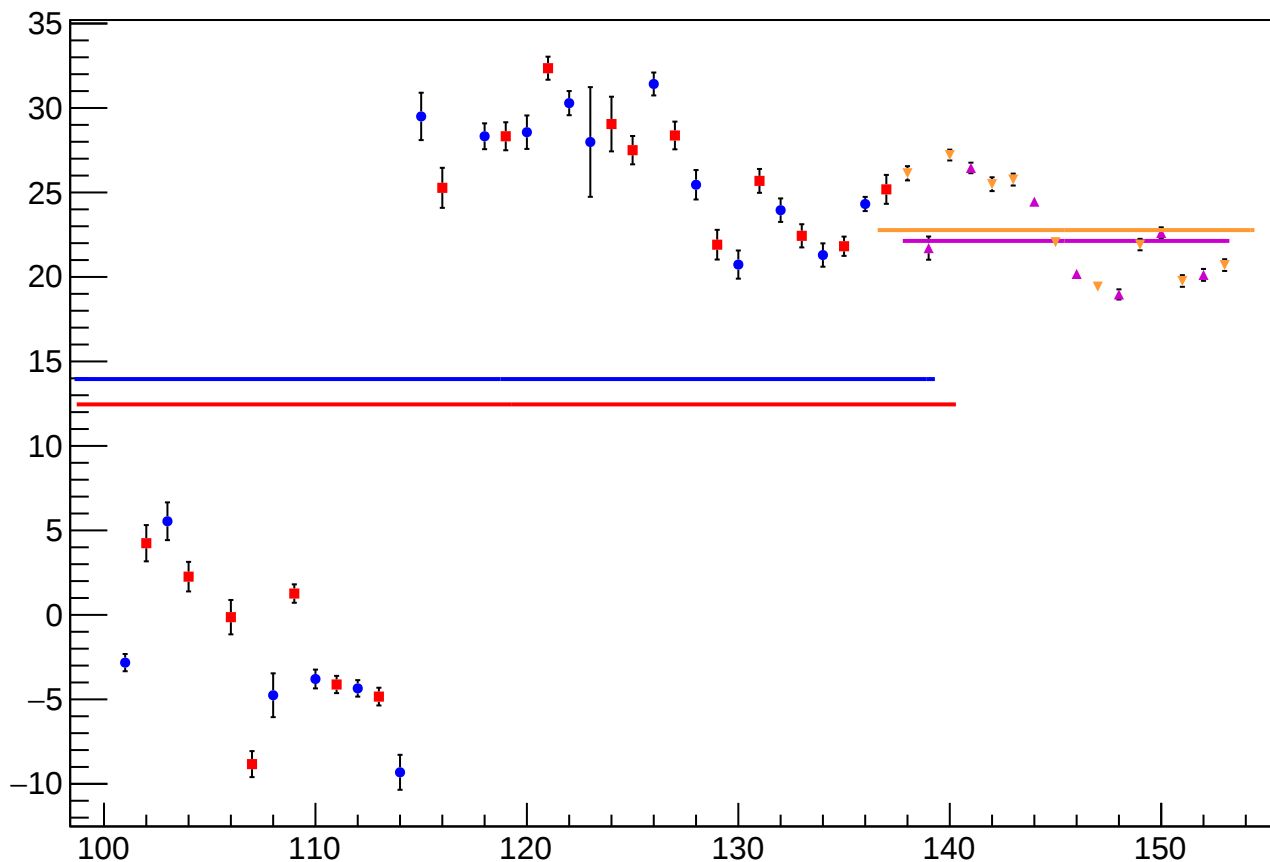
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 29.625 $\pm$ 0.119 χ^2 /NDF:2502.8/23

Out: 30.864 $\pm$ 0.116 χ^2 /NDF:2247.3/26

All: 30.261 $\pm$ 0.083 χ^2 /NDF: 4805.8/50

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.957 $\pm$ 0.172 χ^2 /NDF: 7348.7/16

Left Out: 22.773 $\pm$ 0.108 χ^2 /NDF:629.8/8

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 22.133 $\pm$ 0.112 χ^2 /NDF:518.2/6

Left: 22.464 $\pm$ 0.078 χ^2 /NDF: 1165.1/15

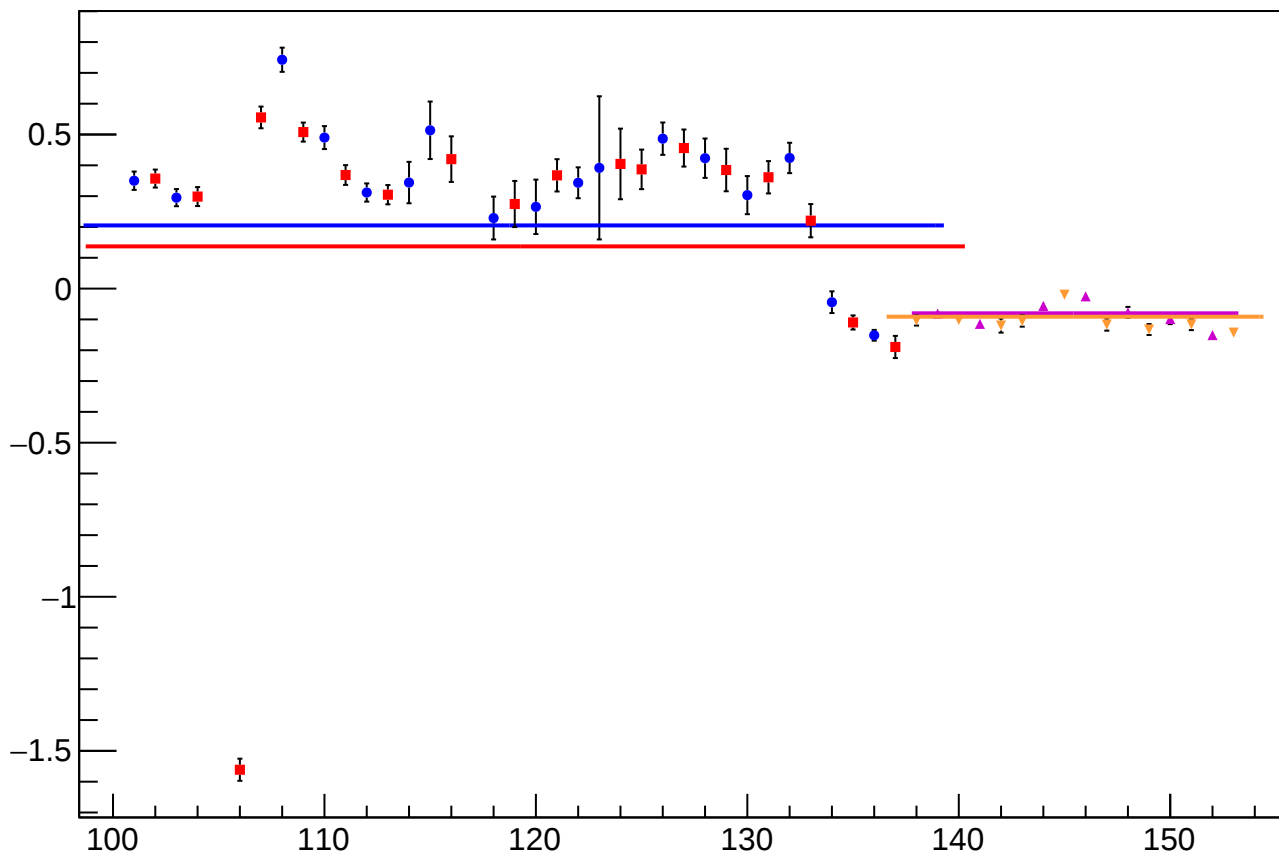
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 19.712 $\pm$ 0.094 χ^2 /NDF:9451.8/23

Out: 19.901 $\pm$ 0.092 χ^2 /NDF:10153.7/26

All: 19.809 $\pm$ 0.066 χ^2 /NDF: 19607.6/50

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.091 ± 0.005 χ^2/NDF : 73.5/8

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.080 ± 0.006 χ^2/NDF : 49.4/6

Left: -0.086 ± 0.004 χ^2/NDF : 124.9/15

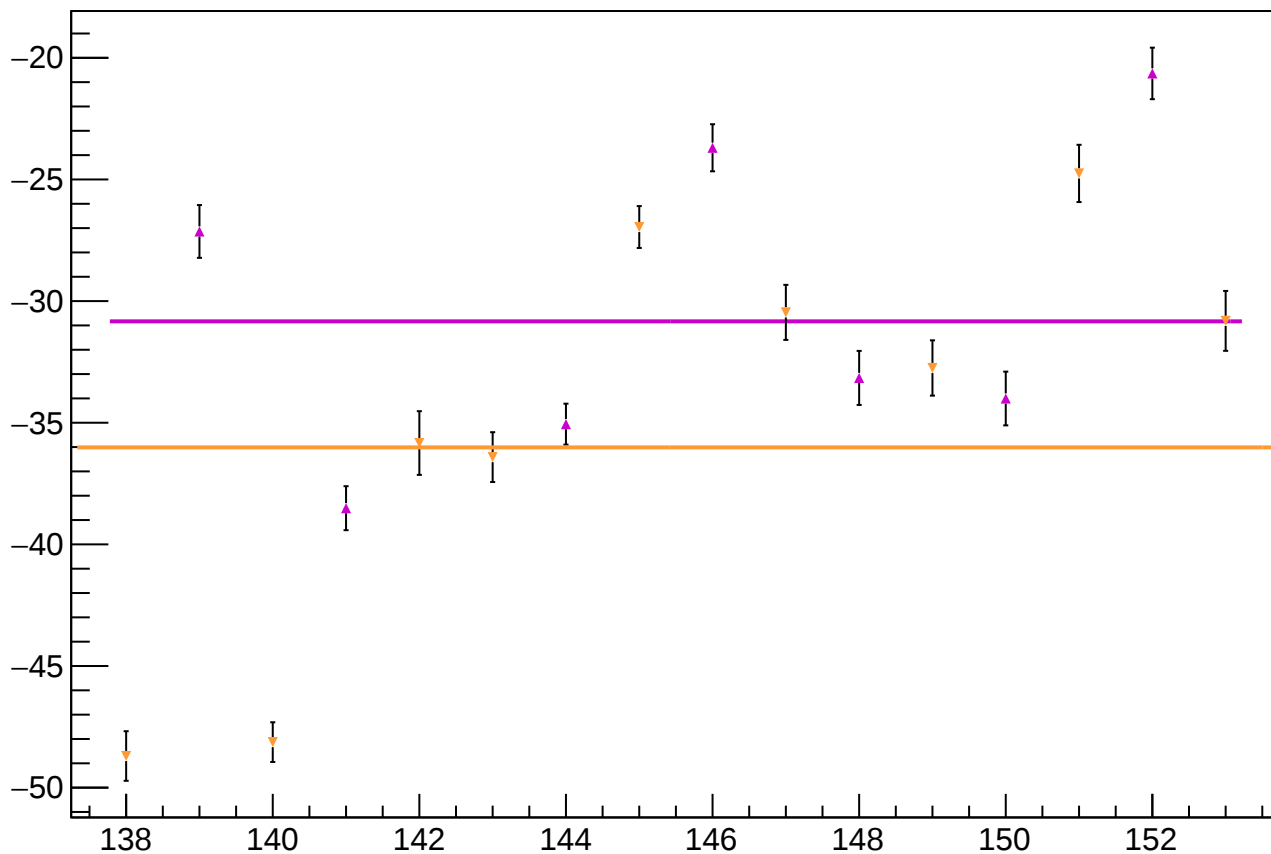
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.005 ± 0.005 χ^2/NDF : 1579.5/23

Out: -0.035 ± 0.005 χ^2/NDF : 3542.6/26

All: -0.021 ± 0.003 χ^2/NDF : 5141.5/50

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: -36.013+/-0.347 χ^2/NDF :627.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.832+/-0.376 χ^2/NDF :268.6/6

Left: -33.627+/-0.255 χ^2/NDF : 998.9/15

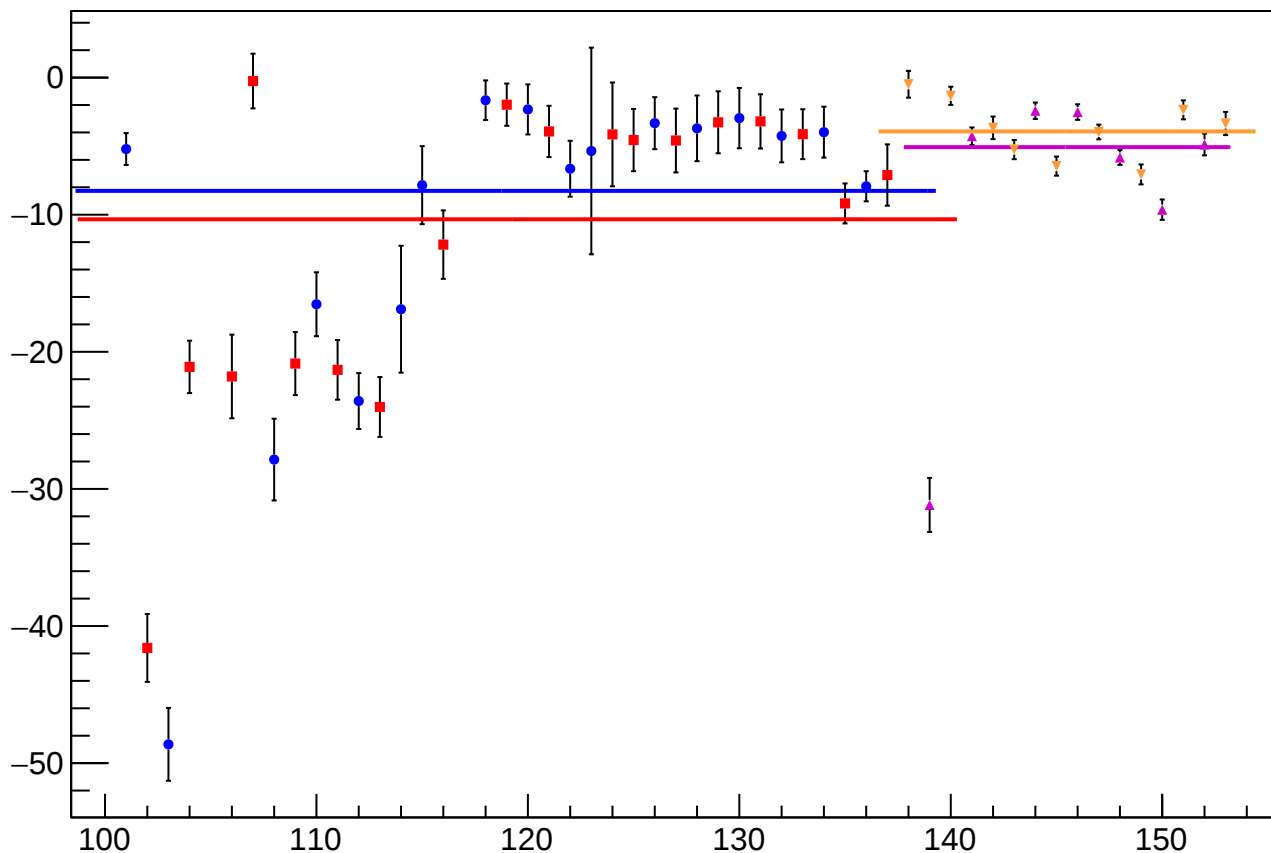
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.832+/-0.376 χ^2/NDF :268.6/6

Out: -36.013+/-0.347 χ^2/NDF :627.8/8

All: -33.627+/-0.255 χ^2/NDF : 998.9/15

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.926 ± 0.237 $\chi^2/\text{NDF}: 68.9/8$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -5.071 ± 0.255 $\chi^2/\text{NDF}: 256.5/6$

Left: -4.457 ± 0.174 $\chi^2/\text{NDF}: 336.3/15$

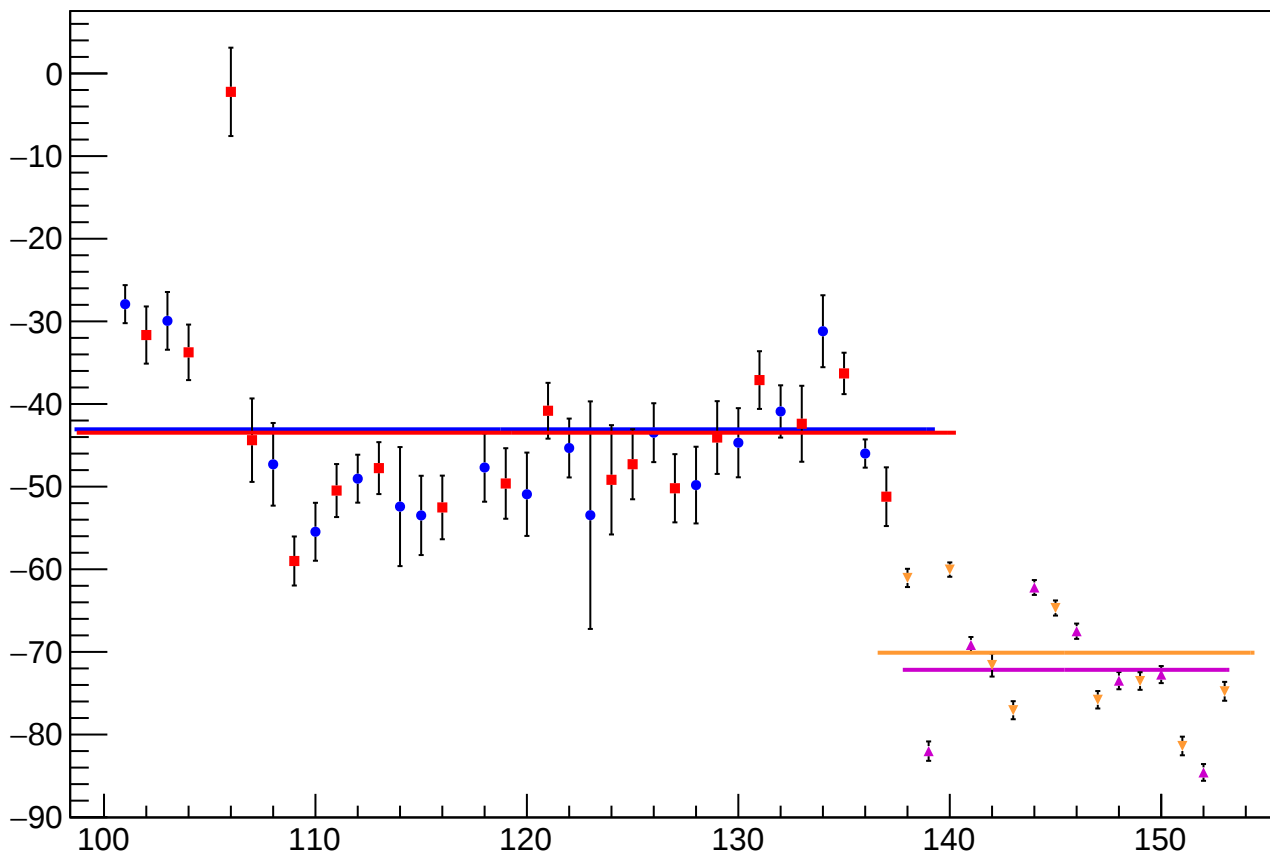
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.813 ± 0.223 $\chi^2/\text{NDF}: 704.9/23$

Out: -5.137 ± 0.214 $\chi^2/\text{NDF}: 617.9/26$

All: -5.460 ± 0.154 $\chi^2/\text{NDF}: 1327.6/50$

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: -70.097 ± 0.353 χ^2/NDF : 434.1/8

Right Out: -43.473 ± 0.869 χ^2/NDF : 142.3/17

Left In: -72.168 ± 0.377 χ^2/NDF : 380.0/6

Left: -71.065 ± 0.258 χ^2/NDF : 830.2/15

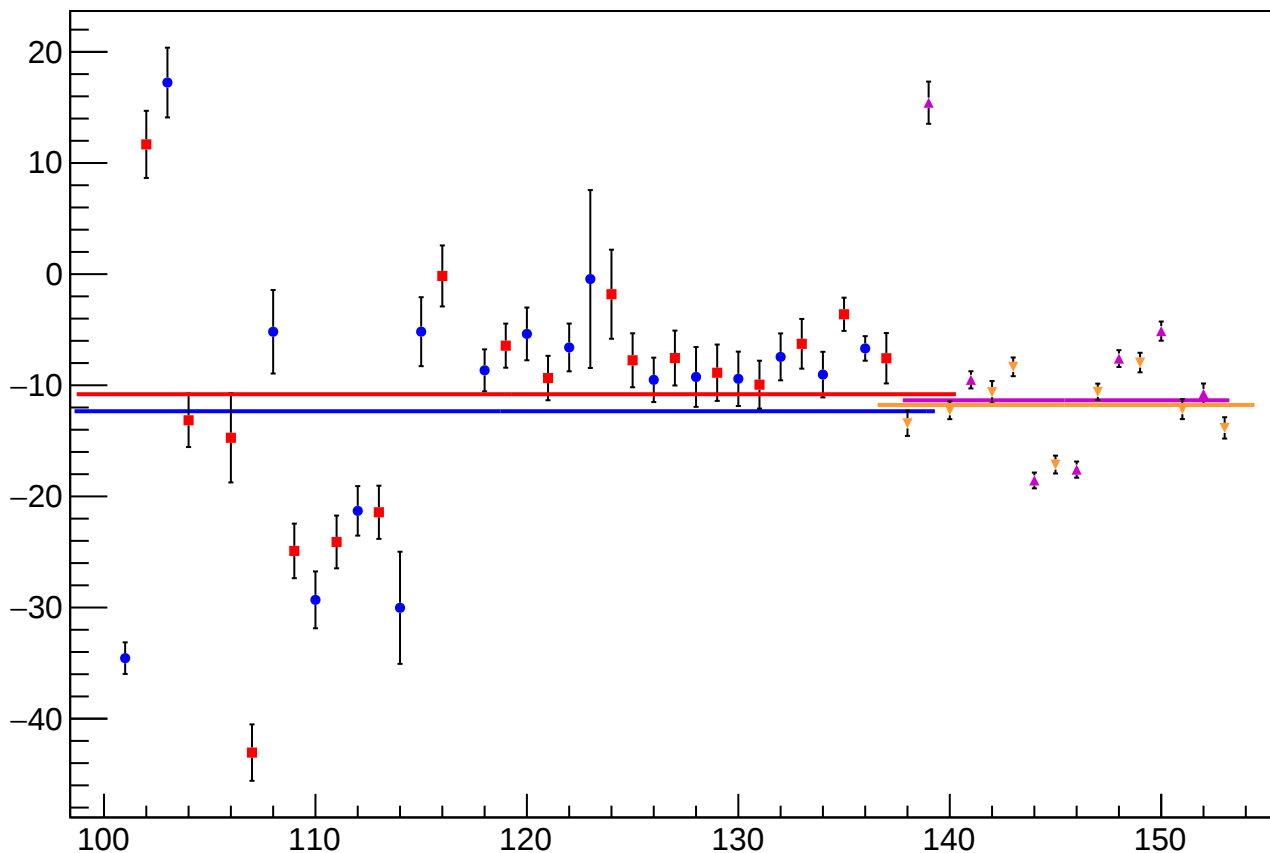
Right: -43.261 ± 0.602 χ^2/NDF : 241.5/34

In: -67.246 ± 0.344 χ^2/NDF : 1487.7/23

Out: -66.323 ± 0.327 χ^2/NDF : 1382.5/26

All: -66.762 ± 0.237 χ^2/NDF : 2874.0/50

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.770 ± 0.292 $\chi^2/\text{NDF}: 91.2/8$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -11.352 ± 0.315 $\chi^2/\text{NDF}: 458.4/6$

Left: -11.577 ± 0.214 $\chi^2/\text{NDF}: 550.6/15$

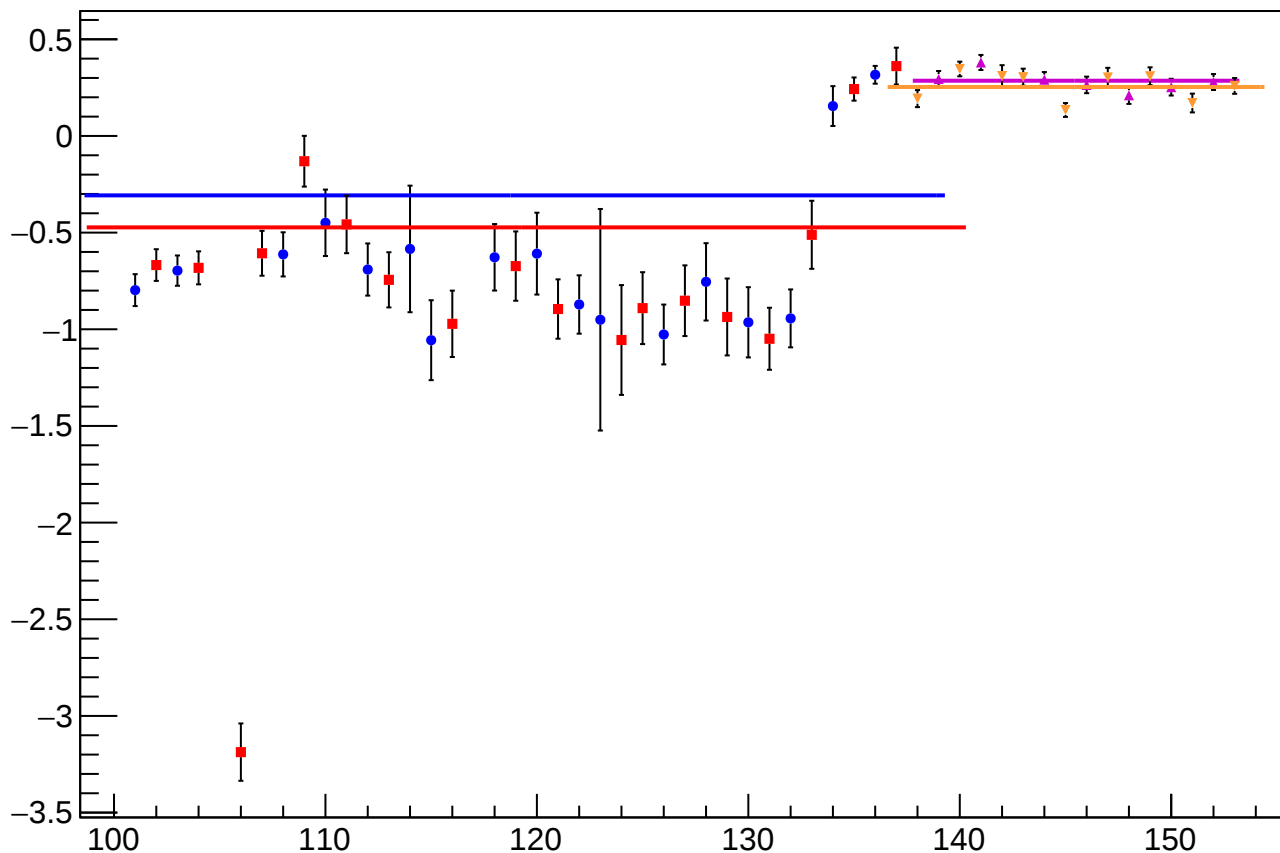
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -11.616 ± 0.270 $\chi^2/\text{NDF}: 936.2/23$

Out: -11.561 ± 0.258 $\chi^2/\text{NDF}: 455.0/26$

All: -11.587 ± 0.186 $\chi^2/\text{NDF}: 1391.2/50$

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: 0.253 ± 0.015 χ^2/NDF : 26.6/8

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.286 ± 0.016 χ^2/NDF : 9.7/6

Left: 0.268 ± 0.011 χ^2/NDF : 38.6/15

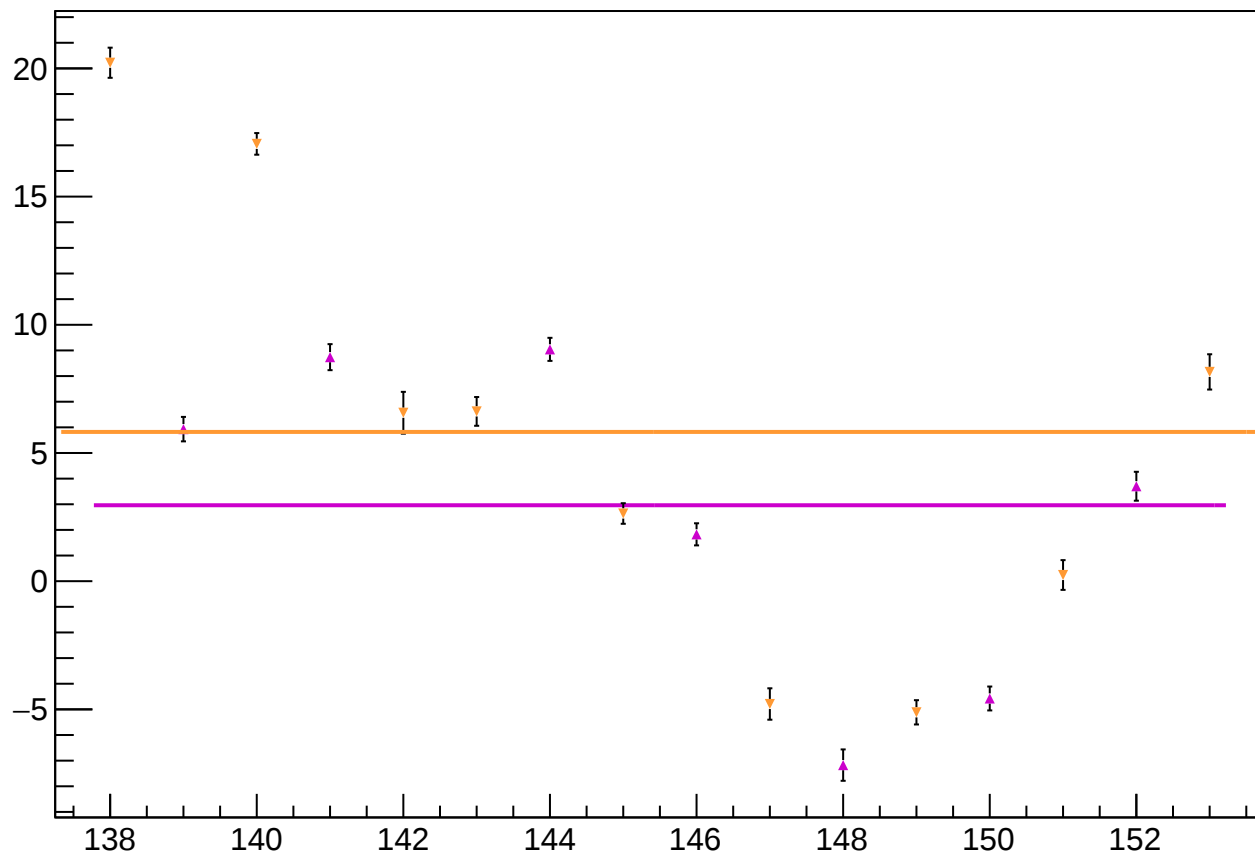
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.140 ± 0.014 χ^2/NDF : 732.1/23

Out: 0.104 ± 0.013 χ^2/NDF : 1164.5/26

All: 0.121 ± 0.009 χ^2/NDF : 1900.3/50

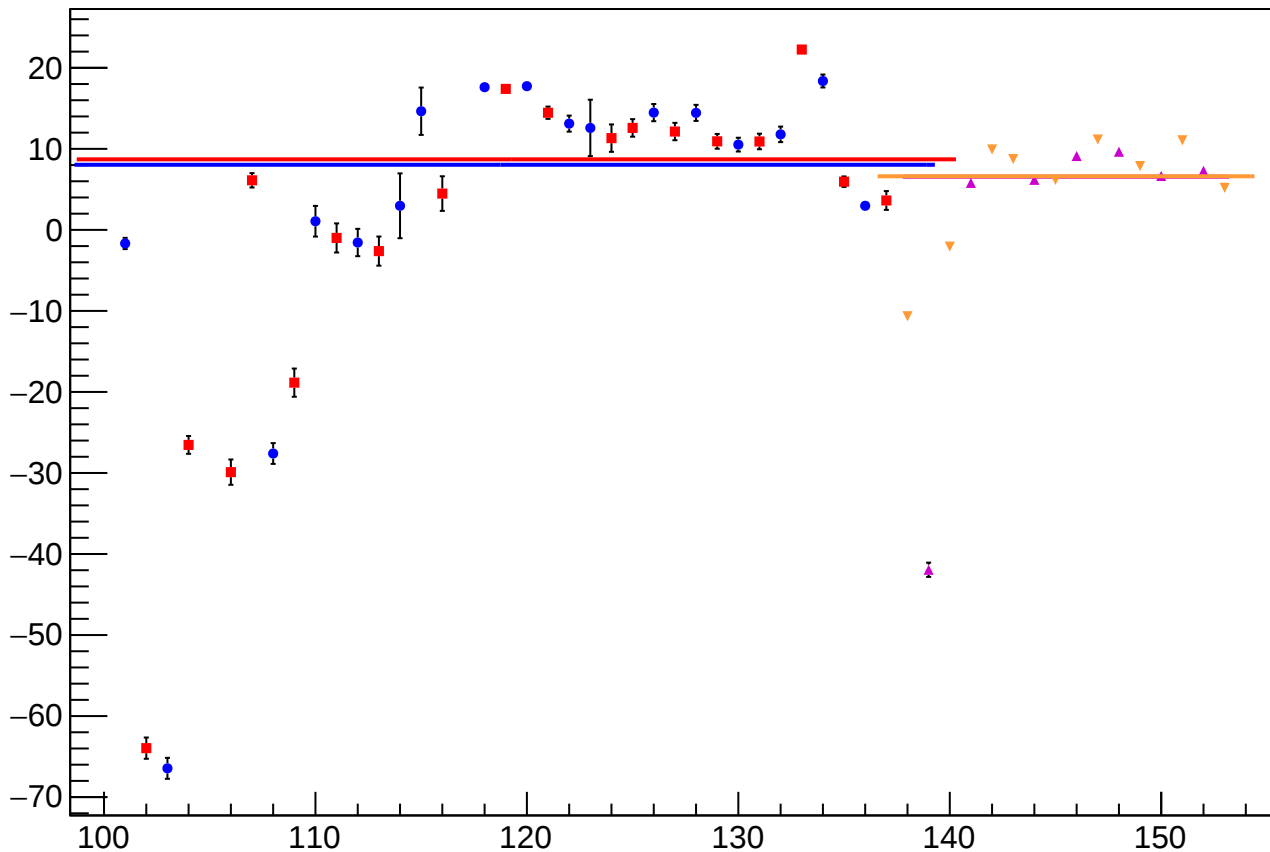
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.822+/-0.178 χ^2/NDF : 2311.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.962+/-0.186 χ^2/NDF : 895.8/6

Left: 4.452+/-0.128 χ^2/NDF : 3331.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.962+/-0.186 χ^2/NDF : 895.8/6
 Out: 5.822+/-0.178 χ^2/NDF : 2311.8/8
 All: 4.452+/-0.128 χ^2/NDF : 3331.4/15

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035+/-0.215 χ^2/NDF : 5370.3/16

Left Out: 6.616+/-0.123 χ^2/NDF :1958.6/8

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.562+/-0.131 χ^2/NDF :3239.4/6

Left: 6.591+/-0.090 χ^2/NDF : 5198.1/15

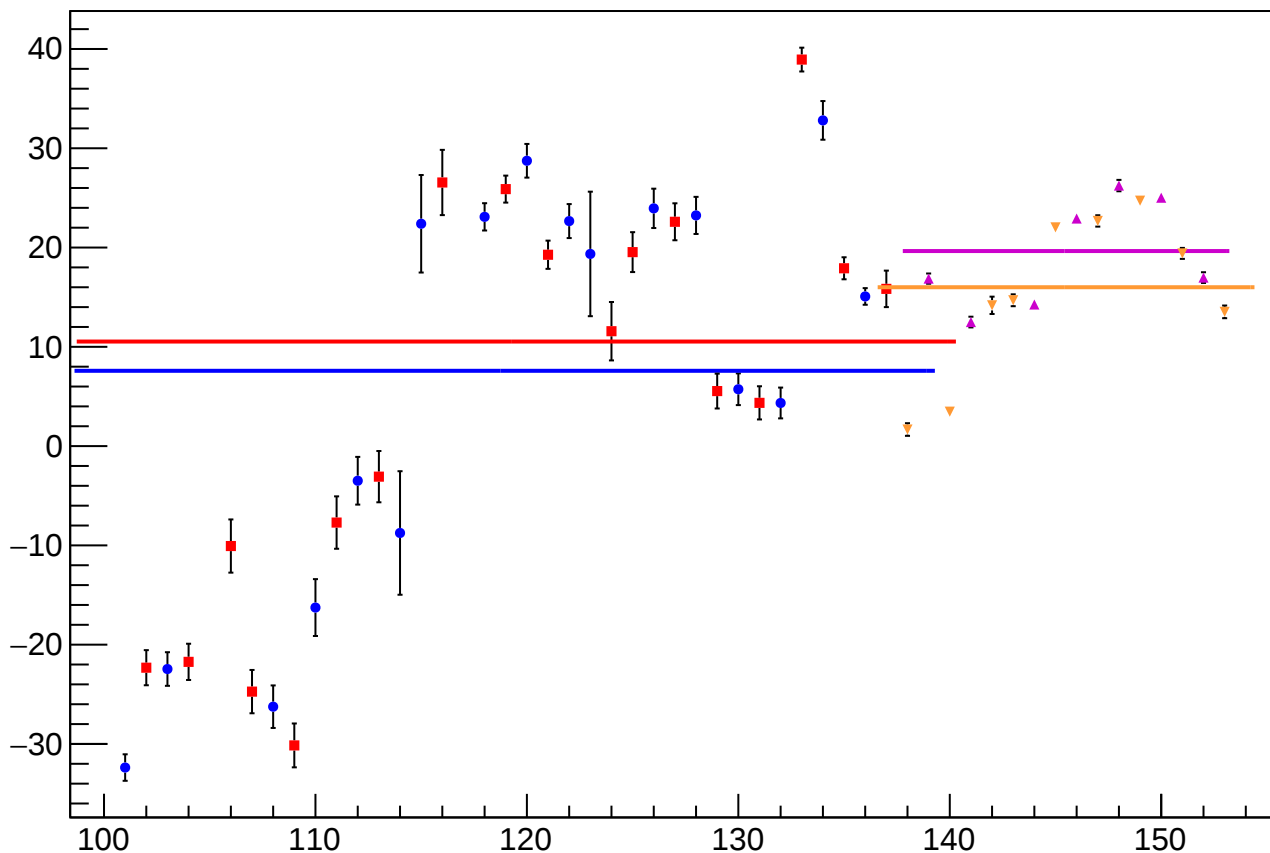
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 6.961+/-0.112 χ^2/NDF :8643.8/23

Out: 7.140+/-0.107 χ^2/NDF :8321.0/26

All: 7.055+/-0.077 χ^2/NDF : 16966.1/50

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 χ^2/NDF : 2322.7/16

Left Out: 16.002 ± 0.180 χ^2/NDF : 2070.1/8

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 19.647 ± 0.185 χ^2/NDF : 700.6/6

Left: 17.768 ± 0.129 χ^2/NDF : 2969.8/15

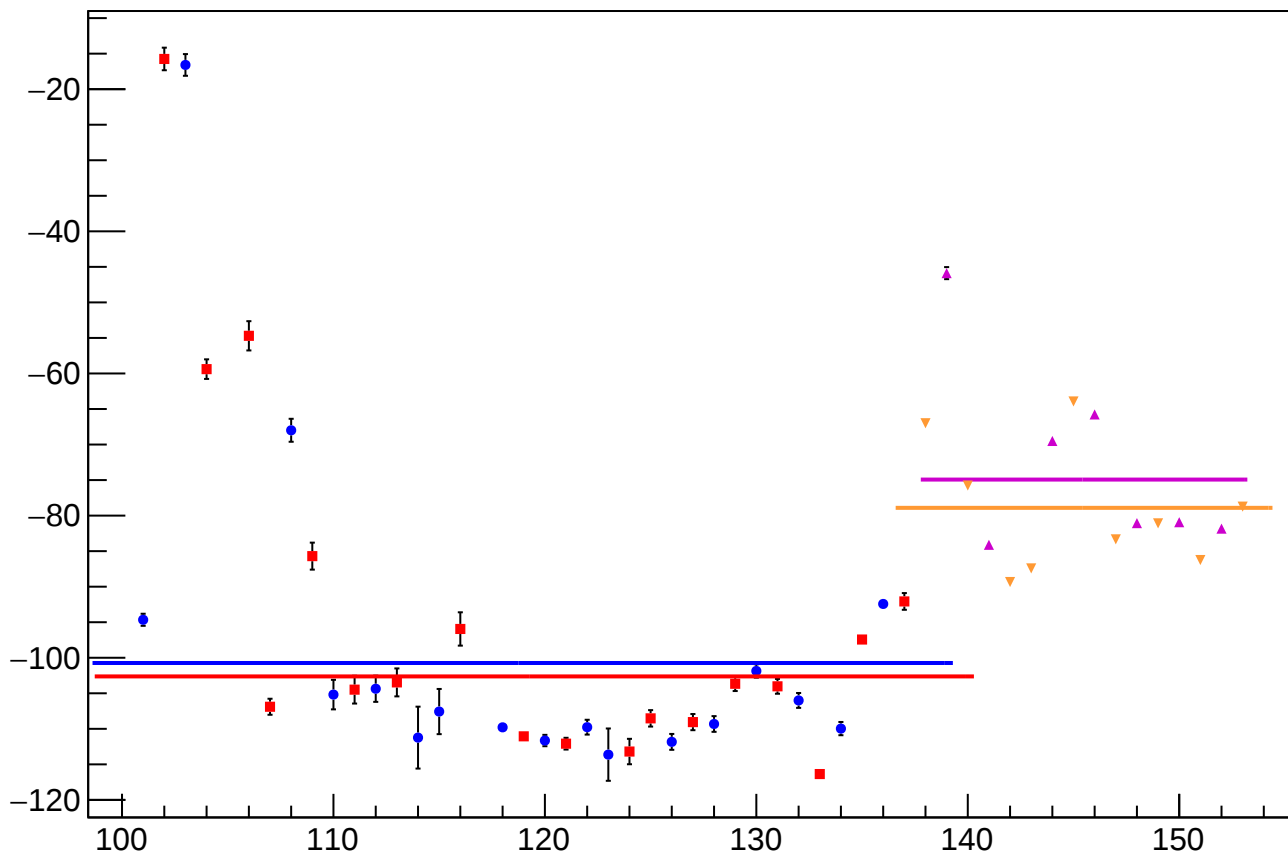
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.650 ± 0.169 χ^2/NDF : 3723.9/23

Out: 15.147 ± 0.165 χ^2/NDF : 4494.4/26

All: 16.366 ± 0.118 χ^2/NDF : 8330.2/50

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: -78.906+/-0.150 χ^2 /NDF: 2973.7/8

Right Out: -102.625+/-0.246 χ^2 /NDF: 5716.3/17

Left In: -74.929+/-0.160 χ^2 /NDF: 3205.3/6

Left: -77.036+/-0.110 χ^2 /NDF: 6507.5/15

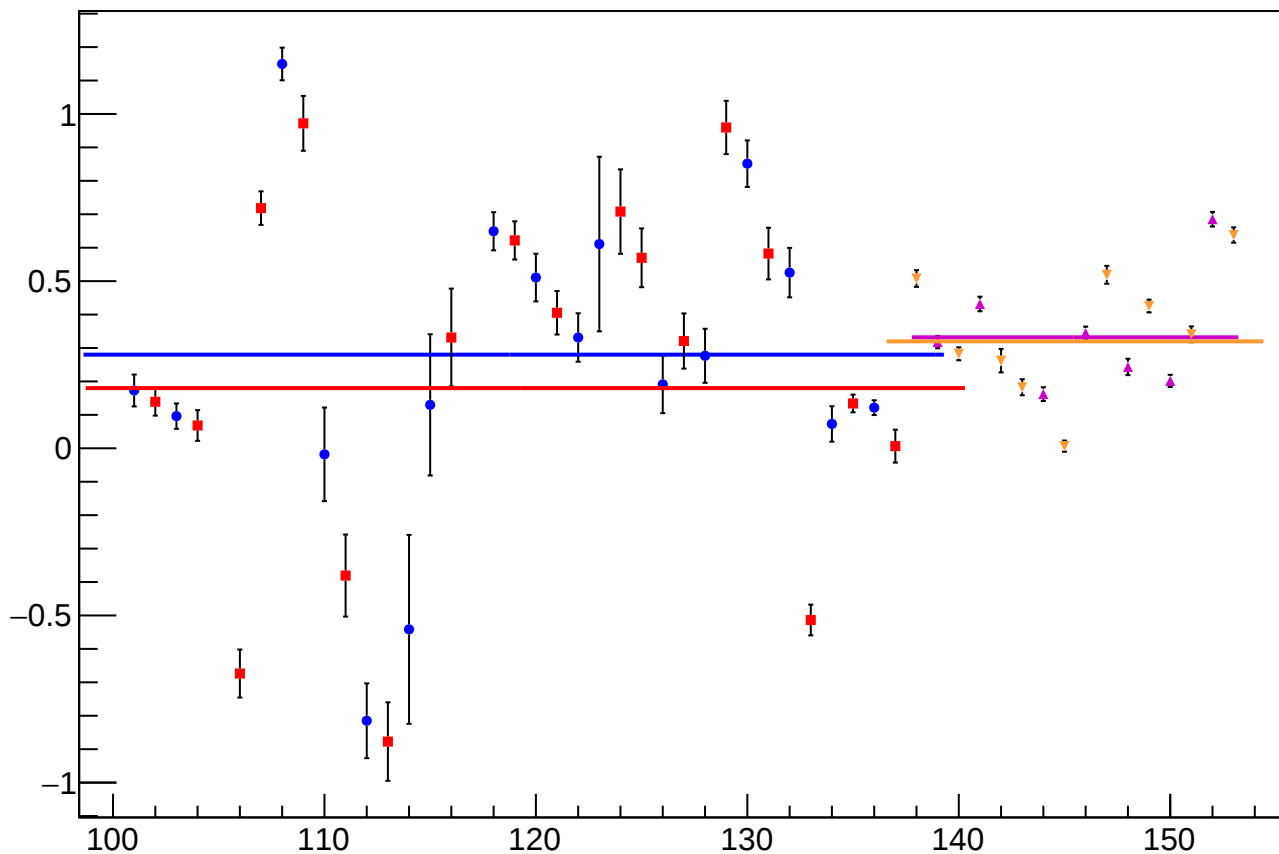
Right: -101.689+/-0.175 χ^2 /NDF: 10266.1/34

In: -82.484+/-0.134 χ^2 /NDF: 15365.7/23

Out: -85.361+/-0.128 χ^2 /NDF: 15450.7/26

All: -83.987+/-0.093 χ^2 /NDF: 31056.1/50

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: 0.320 ± 0.007 χ^2/NDF : 729.3/8

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.332 ± 0.008 χ^2/NDF : 412.5/6

Left: 0.326 ± 0.005 χ^2/NDF : 1143.1/15

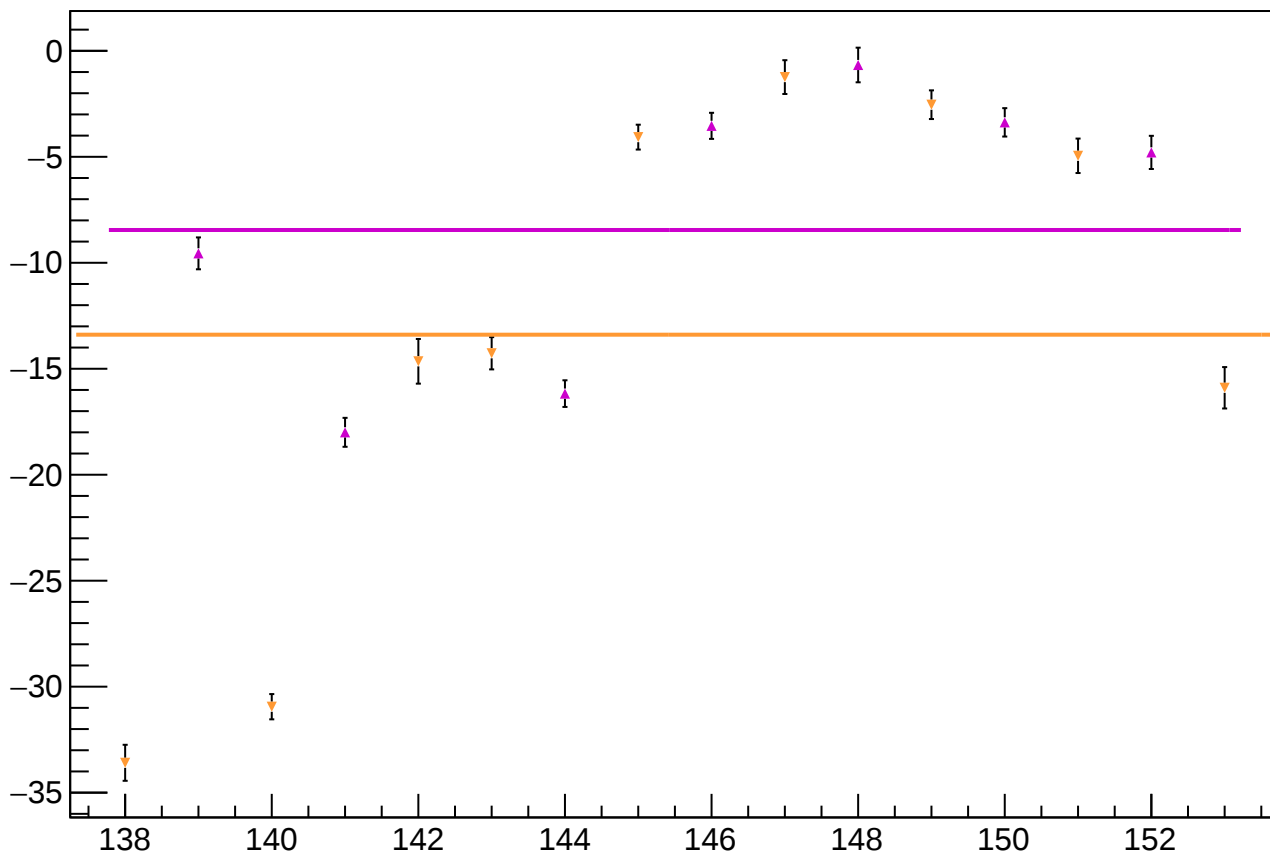
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.319 ± 0.007 χ^2/NDF : 1080.0/23

Out: 0.287 ± 0.006 χ^2/NDF : 1749.0/26

All: 0.303 ± 0.005 χ^2/NDF : 2840.6/50

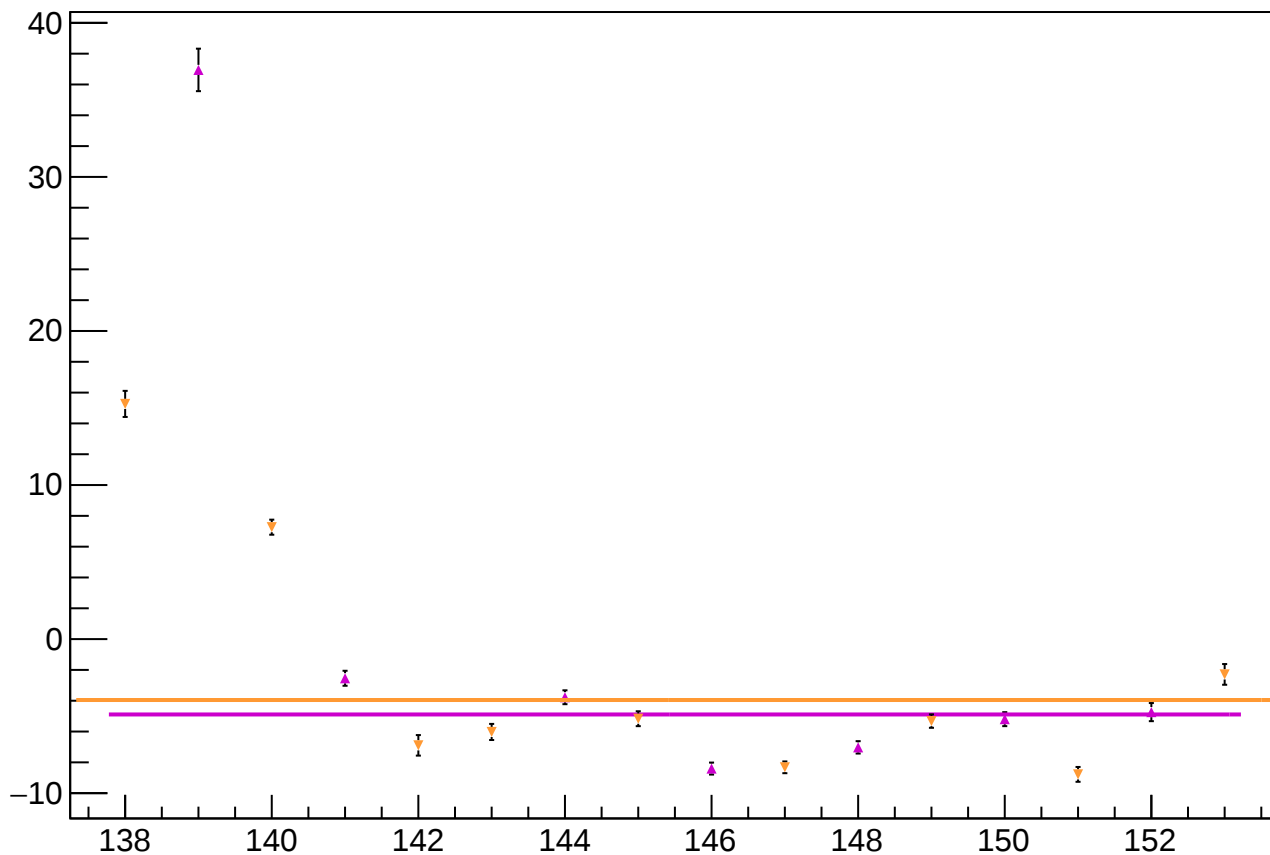
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.453+/-0.263 χ^2/NDF :582.1/6

Left: -11.054+/-0.181 χ^2/NDF : 3059.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -8.453+/-0.263 χ^2/NDF :582.1/6
 Out: -13.393+/-0.250 χ^2/NDF :2292.0/8
 All: -11.054+/-0.181 χ^2/NDF : 3059.6/15

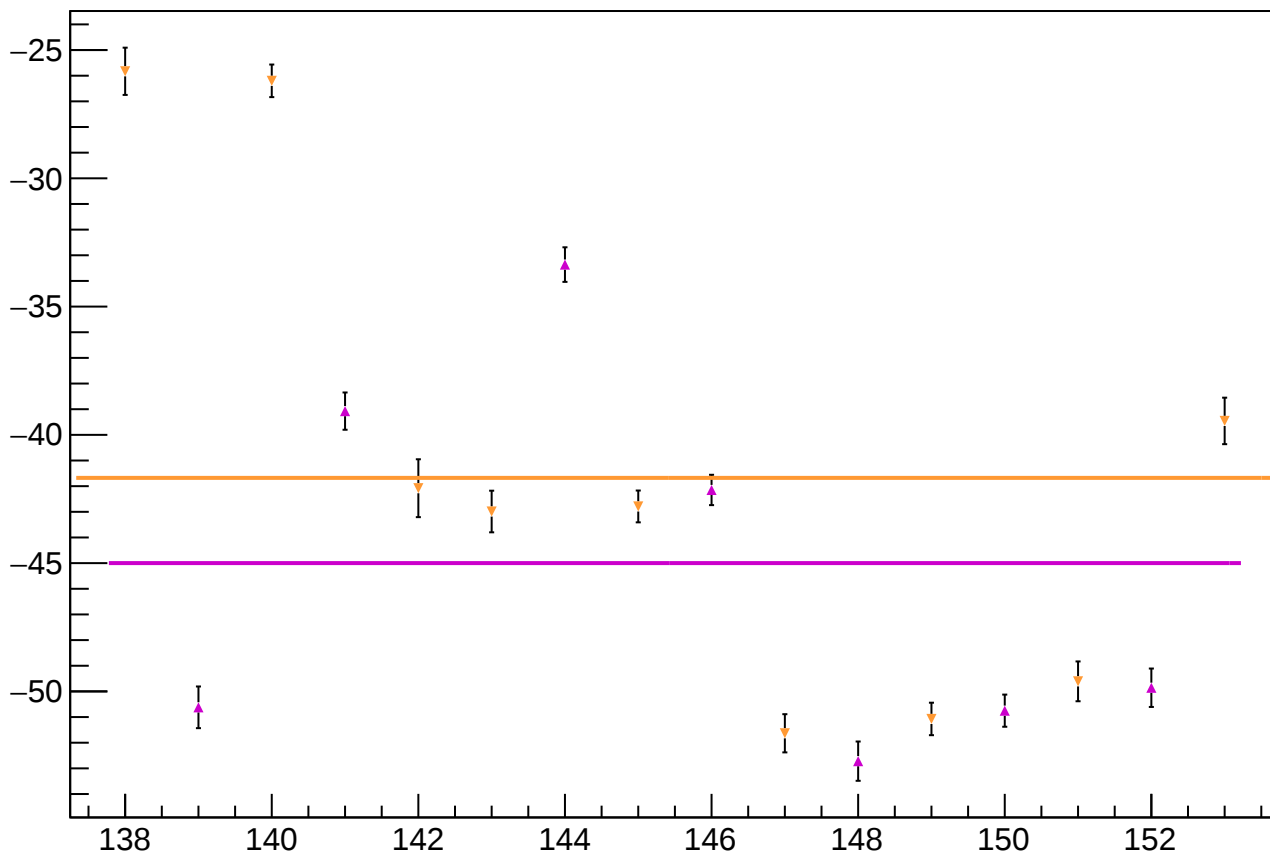
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.892+/-0.182 χ^2/NDF :1059.9/6

Left: -4.392+/-0.124 χ^2/NDF : 2404.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.892+/-0.182 χ^2/NDF :1059.9/6
 Out: -3.953+/-0.170 χ^2/NDF :1330.7/8
 All: -4.392+/-0.124 χ^2/NDF : 2404.8/15

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



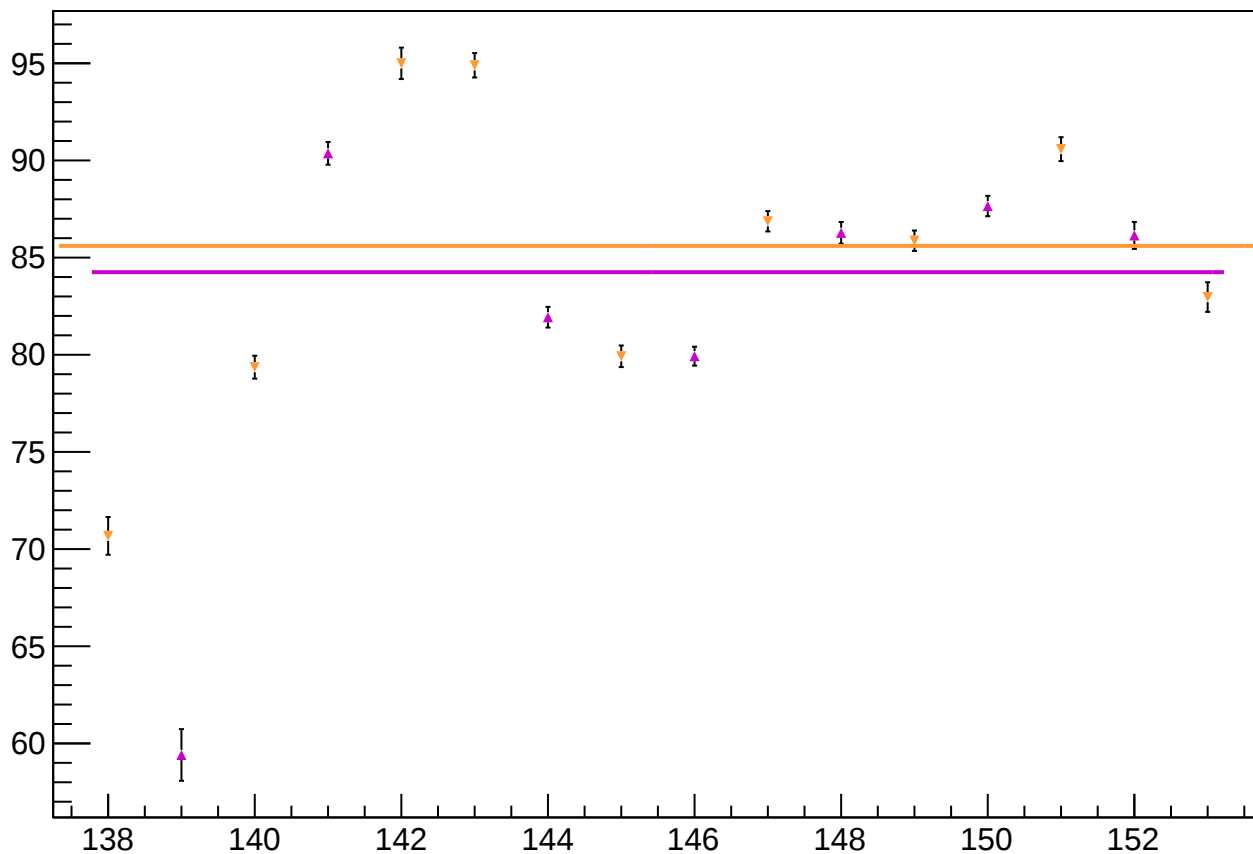
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.677+/-0.252 χ^2/NDF :1406.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.999+/-0.263 χ^2/NDF :663.8/6

Left: -43.270+/-0.182 χ^2/NDF : 2153.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.999+/-0.263 χ^2/NDF :663.8/6
 Out: -41.677+/-0.252 χ^2/NDF :1406.1/8

All: -43.270+/-0.182 χ^2/NDF : 2153.2/15

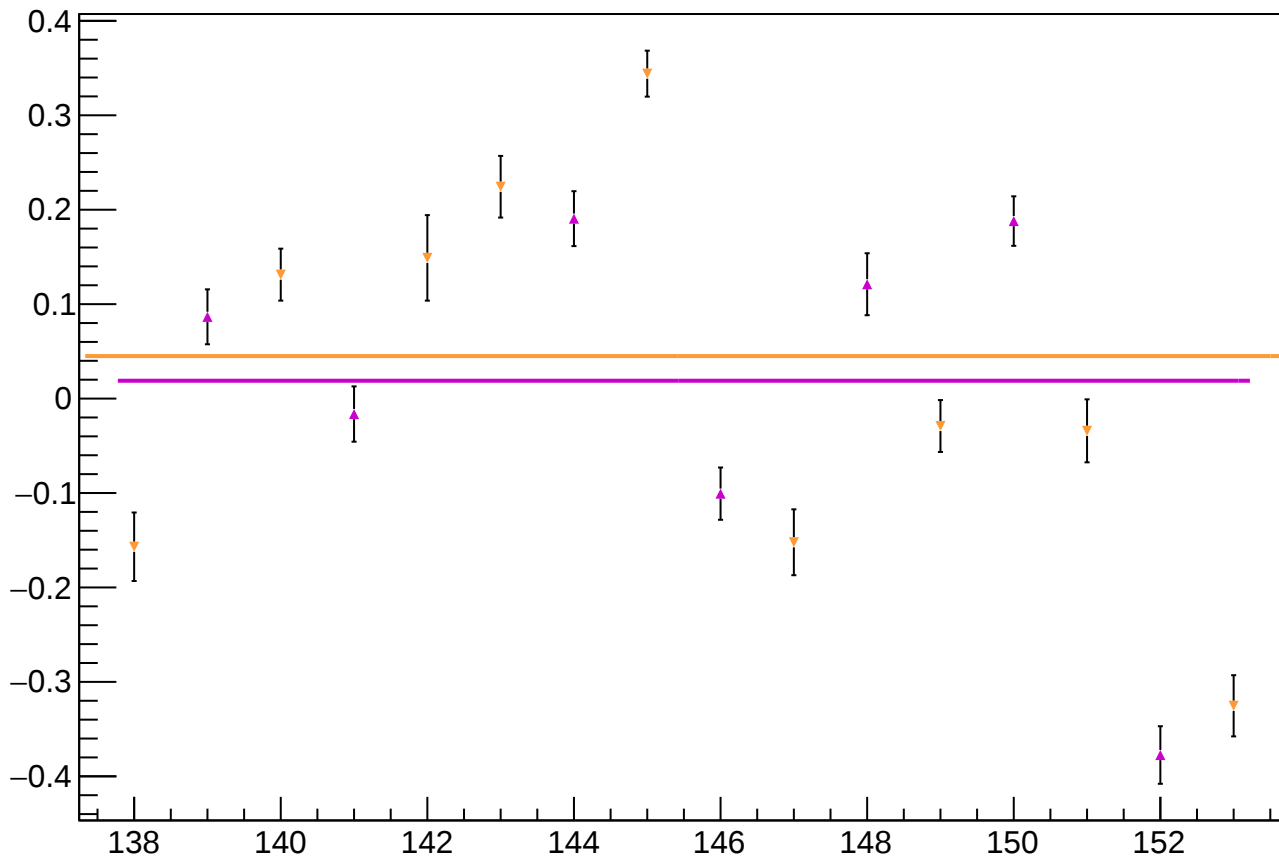
reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 85.603+/-0.209 χ^2/NDF :891.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 84.251+/-0.223 χ^2/NDF :619.1/6

Left: 84.970+/-0.152 χ^2/NDF : 1529.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 84.251+/-0.223 χ^2/NDF :619.1/6
 Out: 85.603+/-0.209 χ^2/NDF :891.0/8
 All: 84.970+/-0.152 χ^2/NDF : 1529.7/15

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.045+/-0.010 χ^2/NDF :402.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.019+/-0.011 χ^2/NDF :280.8/6

Left: 0.033+/-0.008 χ^2/NDF : 686.5/15

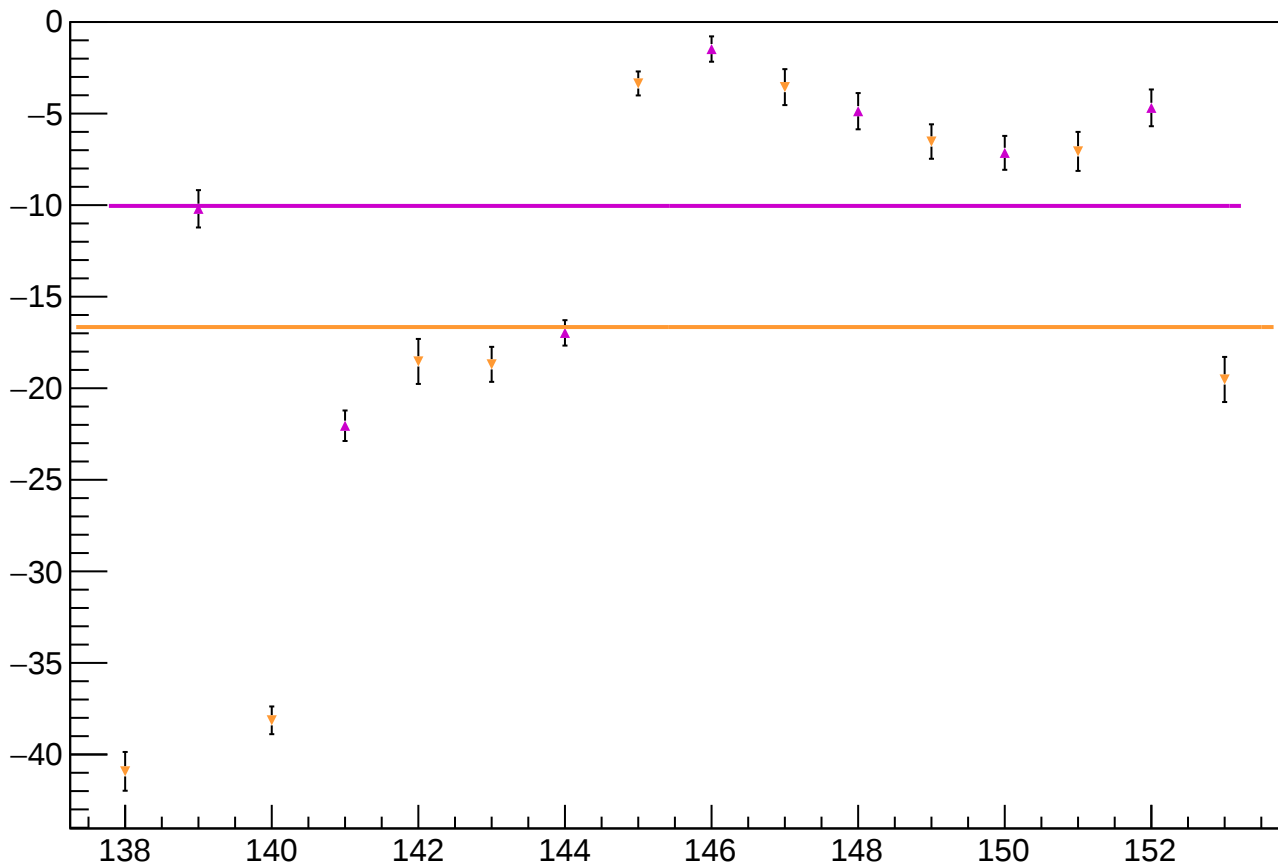
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.019+/-0.011 χ^2/NDF :280.8/6

Out: 0.045+/-0.010 χ^2/NDF :402.7/8

All: 0.033+/-0.008 χ^2/NDF : 686.5/15

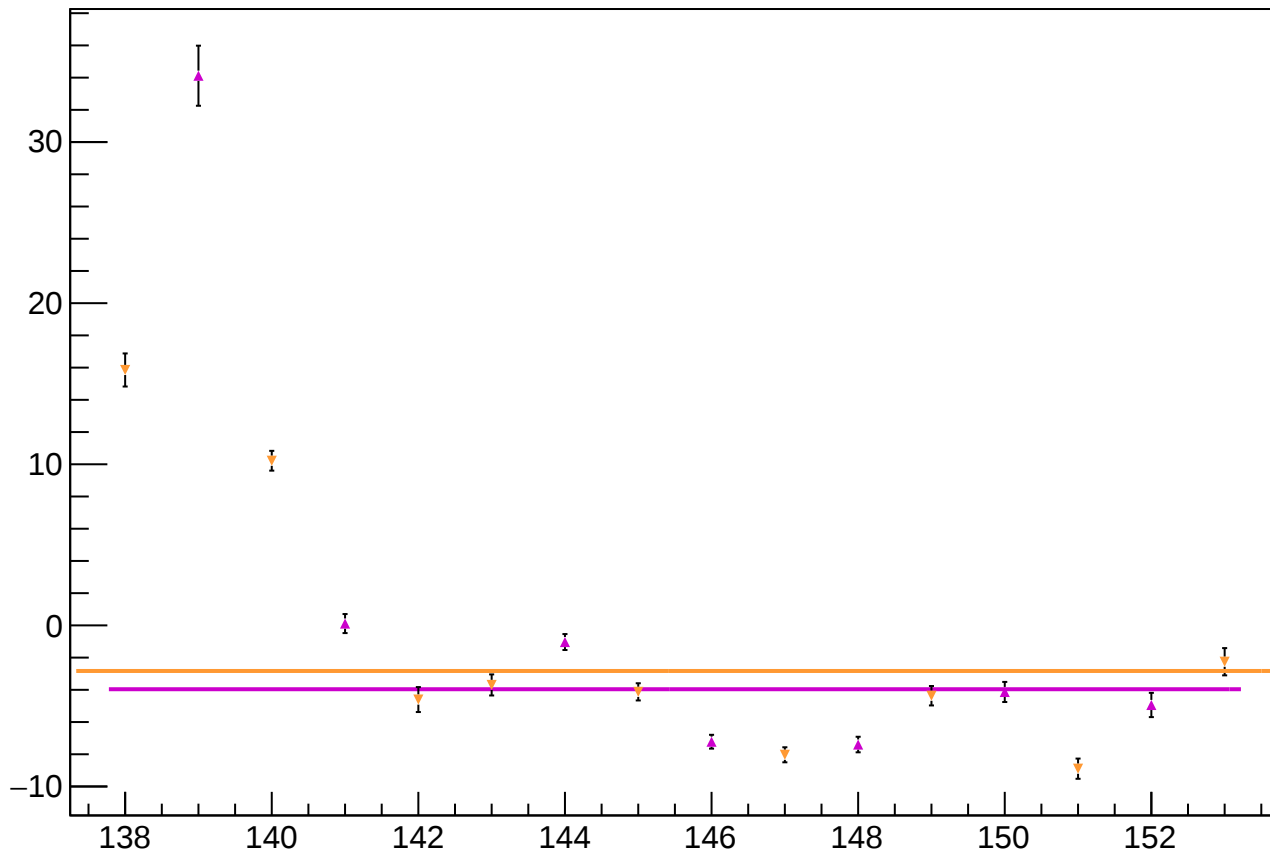
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -16.658 $\pm$ 0.310 χ^2 /NDF:2130.6/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6

Left: -13.463 $\pm$ 0.223 χ^2 /NDF: 2877.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -10.042 $\pm$ 0.320 χ^2 /NDF:526.2/6
 Out: -16.658 $\pm$ 0.310 χ^2 /NDF:2130.6/8
 All: -13.463 $\pm$ 0.223 χ^2 /NDF: 2877.4/15

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -2.830+/-0.211 χ^2/NDF : 1019.5/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -3.963+/-0.217 χ^2/NDF : 609.7/6

Left: -3.382+/-0.151 χ^2/NDF : 1643.2/15

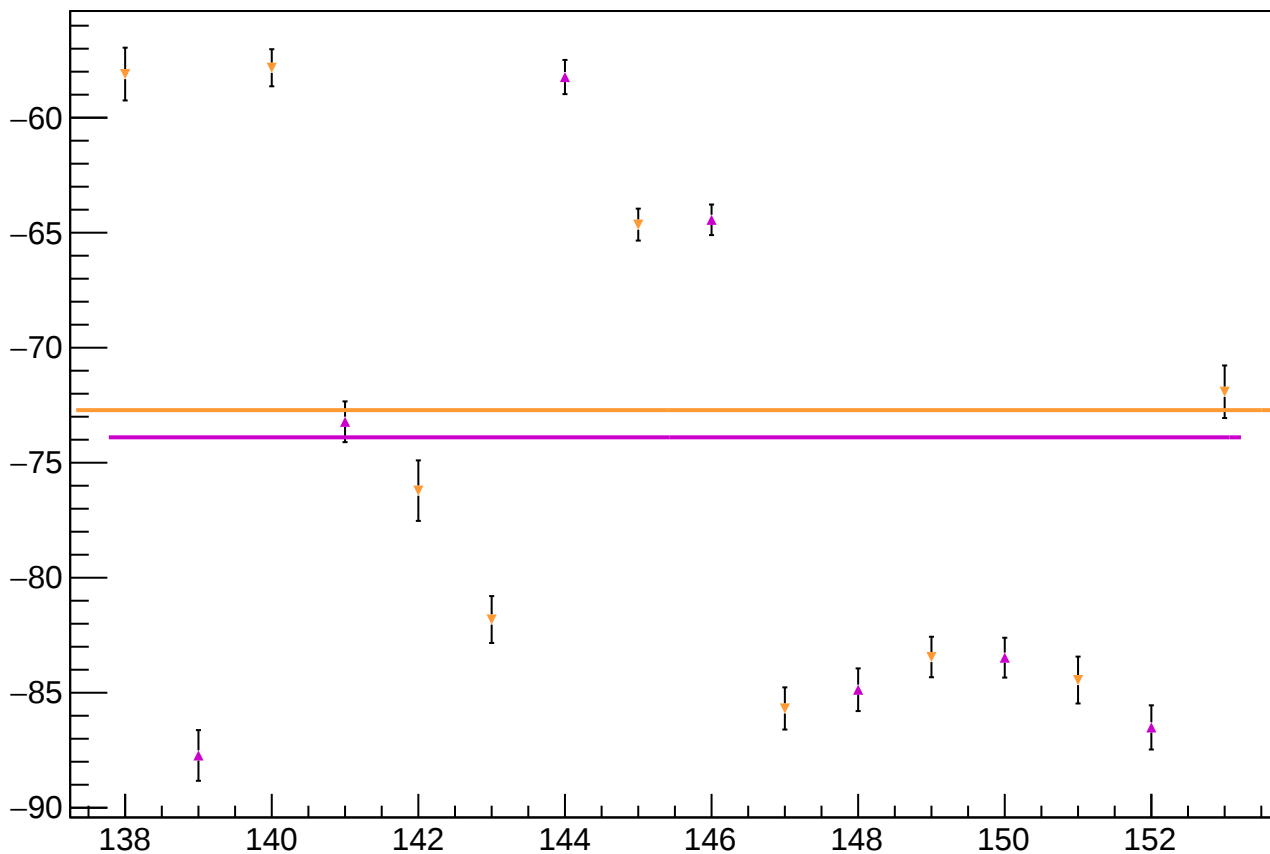
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -3.963+/-0.217 χ^2/NDF : 609.7/6

Out: -2.830+/-0.211 χ^2/NDF : 1019.5/8

All: -3.382+/-0.151 χ^2/NDF : 1643.2/15

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: -72.714+/-0.314 χ^2/NDF :1207.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Left: -73.294+/-0.224 χ^2/NDF : 2452.8/15

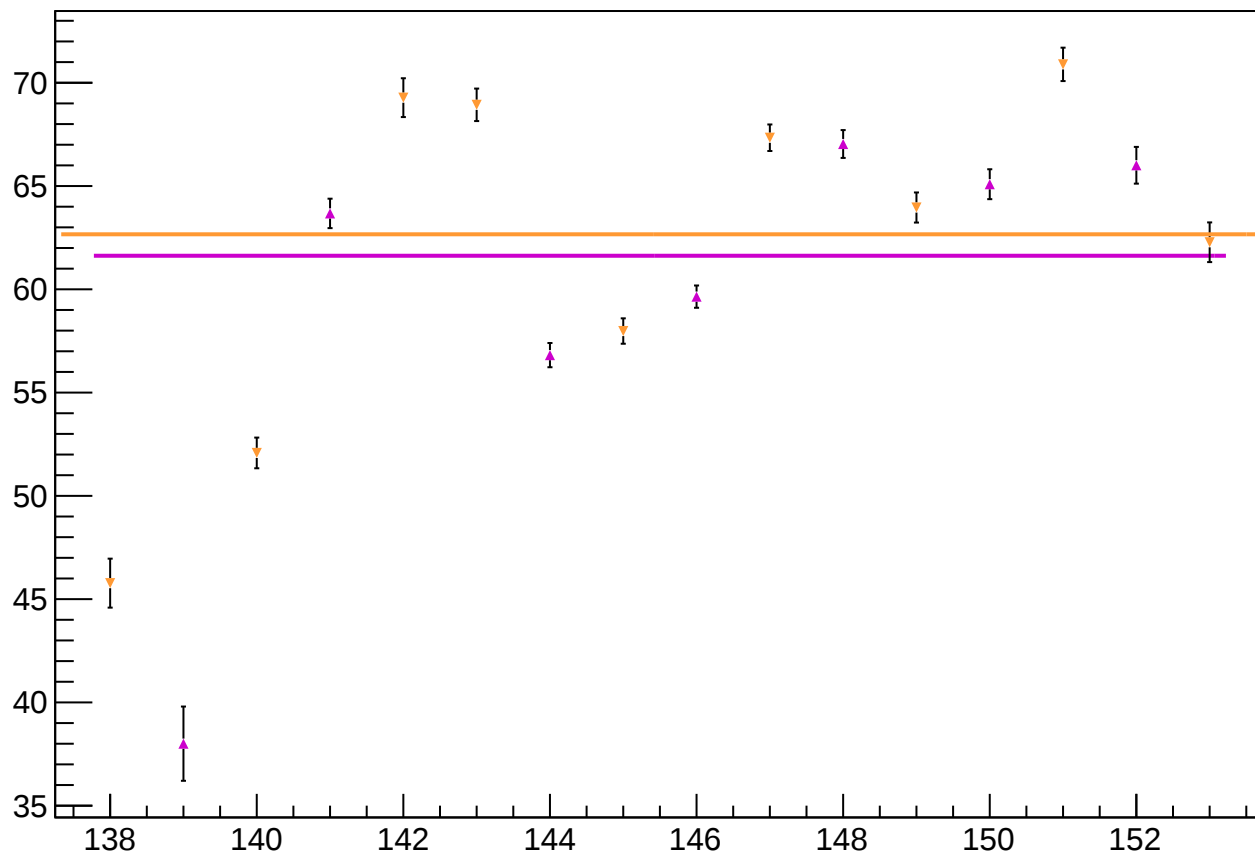
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -73.896+/-0.320 χ^2/NDF :1238.8/6

Out: -72.714+/-0.314 χ^2/NDF :1207.0/8

All: -73.294+/-0.224 χ^2/NDF : 2452.8/15

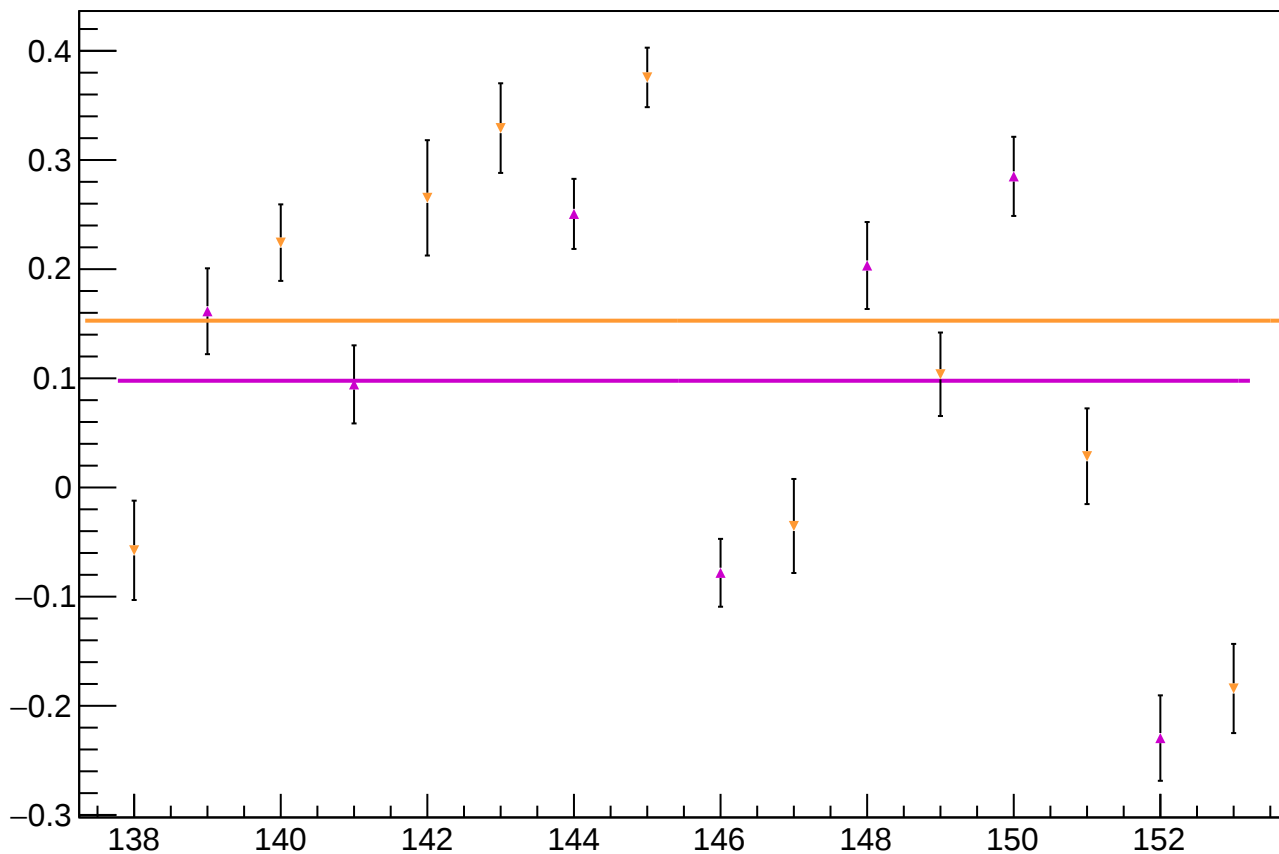
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.664+/-0.260 χ^2/NDF :736.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 61.625+/-0.267 χ^2/NDF :373.3/6

Left: 62.160+/-0.186 χ^2/NDF : 1117.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 61.625+/-0.267 χ^2/NDF :373.3/6
 Out: 62.664+/-0.260 χ^2/NDF :736.8/8
 All: 62.160+/-0.186 χ^2/NDF : 1117.9/15

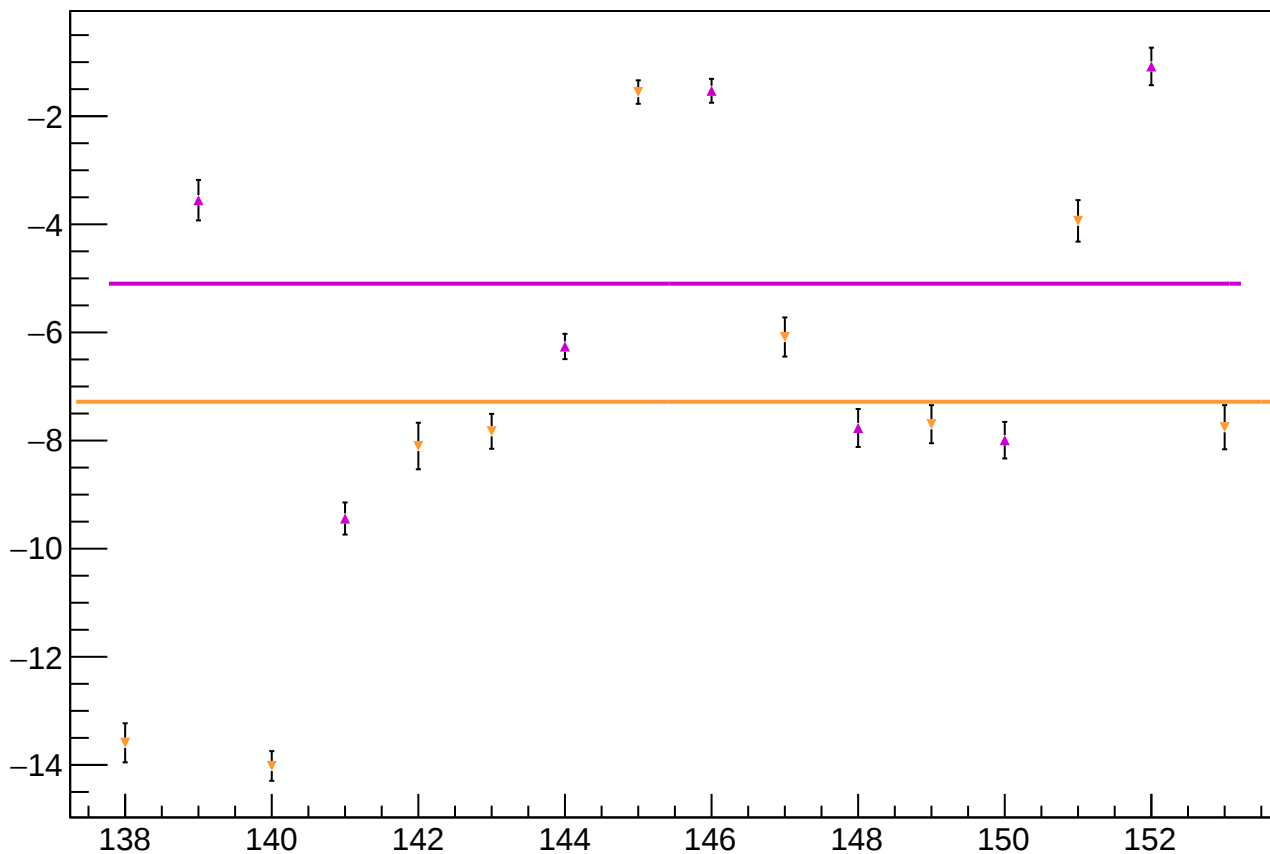
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.153 $\pm$ 0.013 χ^2 /NDF:212.2/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.098 $\pm$ 0.014 χ^2 /NDF:161.0/6

Left: 0.126 $\pm$ 0.009 χ^2 /NDF: 381.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.098 $\pm$ 0.014 χ^2 /NDF:161.0/6
 Out: 0.153 $\pm$ 0.013 χ^2 /NDF:212.2/8
 All: 0.126 $\pm$ 0.009 χ^2 /NDF: 381.8/15

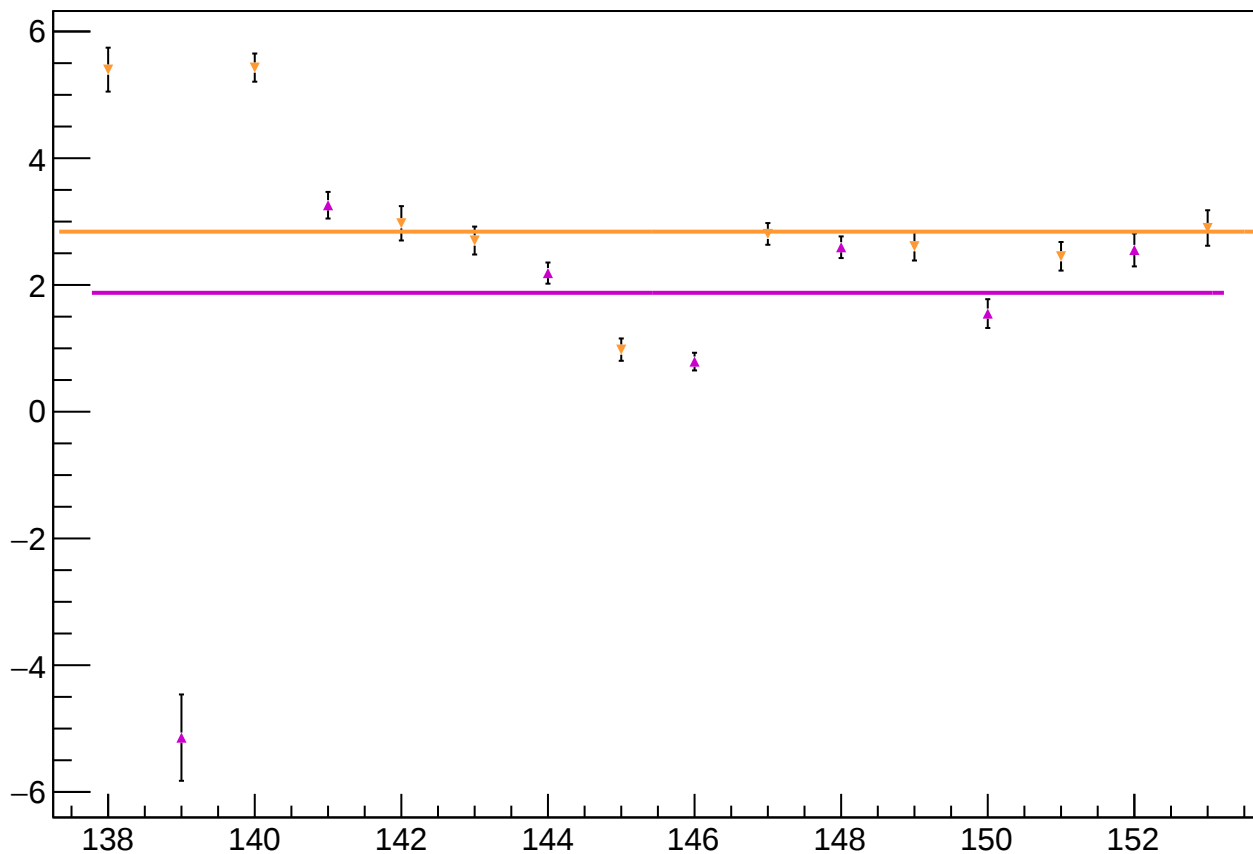
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.282+/-0.108 χ^2/NDF :1699.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.098+/-0.110 χ^2/NDF :781.9/6

Left: -6.211+/-0.077 χ^2/NDF : 2681.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.098+/-0.110 χ^2/NDF :781.9/6
 Out: -7.282+/-0.108 χ^2/NDF :1699.3/8
 All: -6.211+/-0.077 χ^2/NDF : 2681.6/15

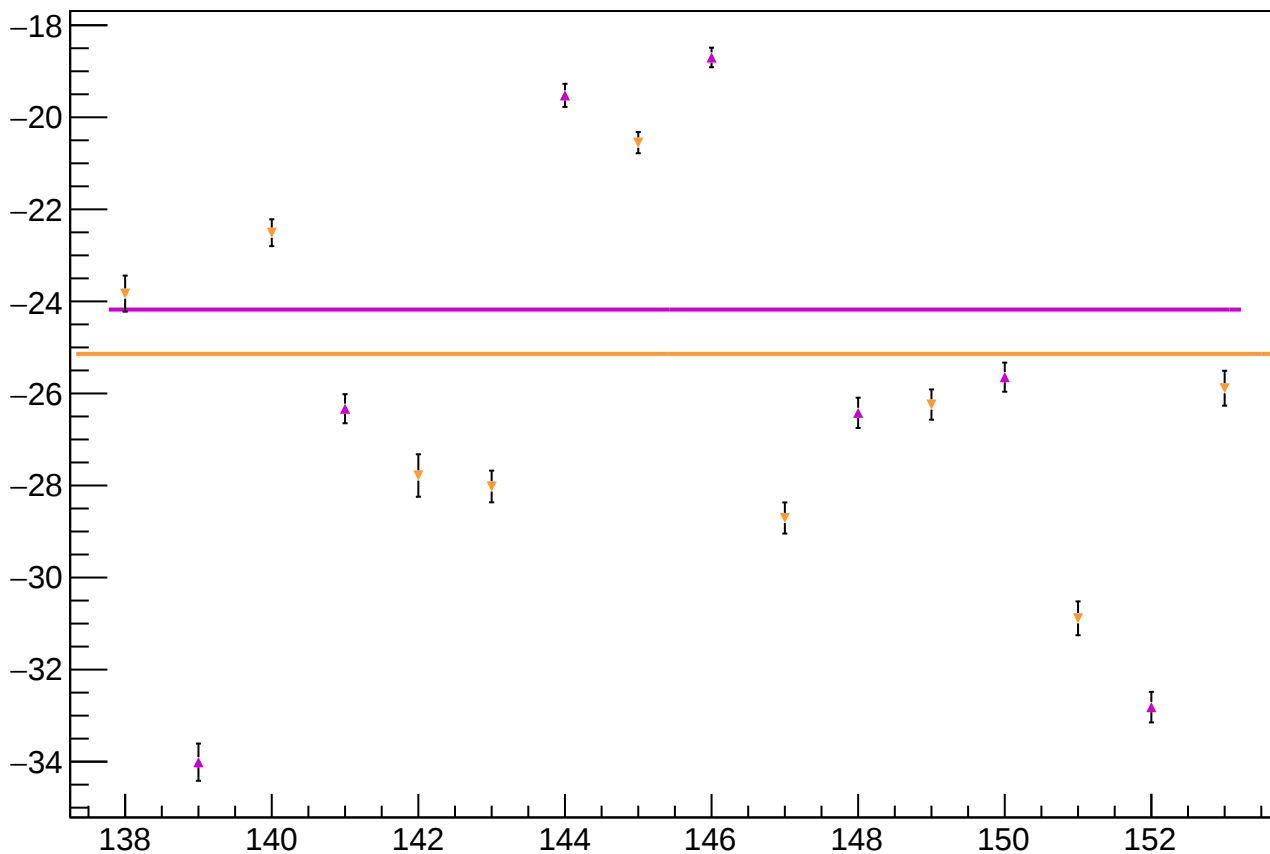
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.841 ± 0.074 χ^2/NDF : 306.2/8
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 1.876 ± 0.074 χ^2/NDF : 240.0/6

Left: 2.360 ± 0.053 χ^2/NDF : 630.4/15
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 1.876 ± 0.074 χ^2/NDF : 240.0/6
 Out: 2.841 ± 0.074 χ^2/NDF : 306.2/8
 All: 2.360 ± 0.053 χ^2/NDF : 630.4/15

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: -25.140+/-0.110 χ^2/NDF :962.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Left: -24.659+/-0.078 χ^2/NDF : 3392.4/15

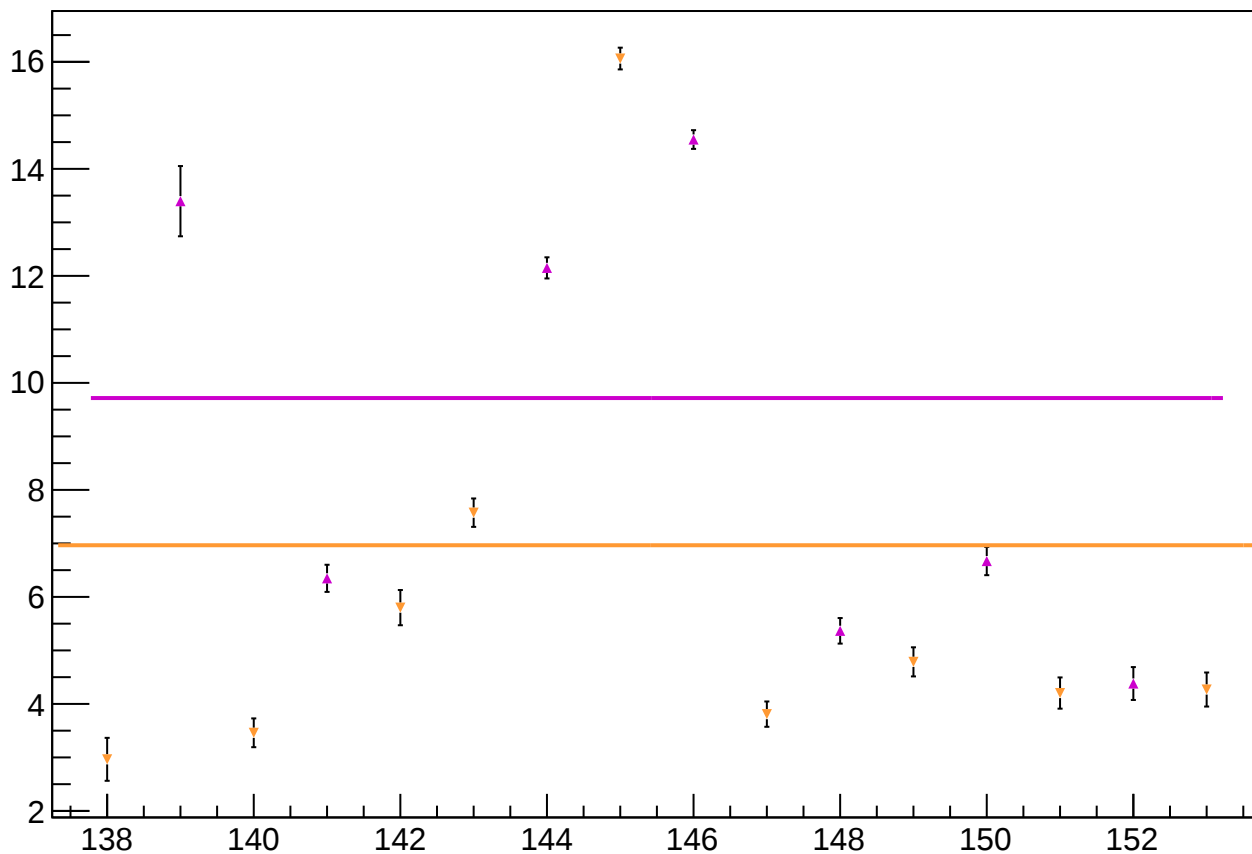
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.177+/-0.110 χ^2/NDF :2391.6/6

Out: -25.140+/-0.110 χ^2/NDF :962.6/8

All: -24.659+/-0.078 χ^2/NDF : 3392.4/15

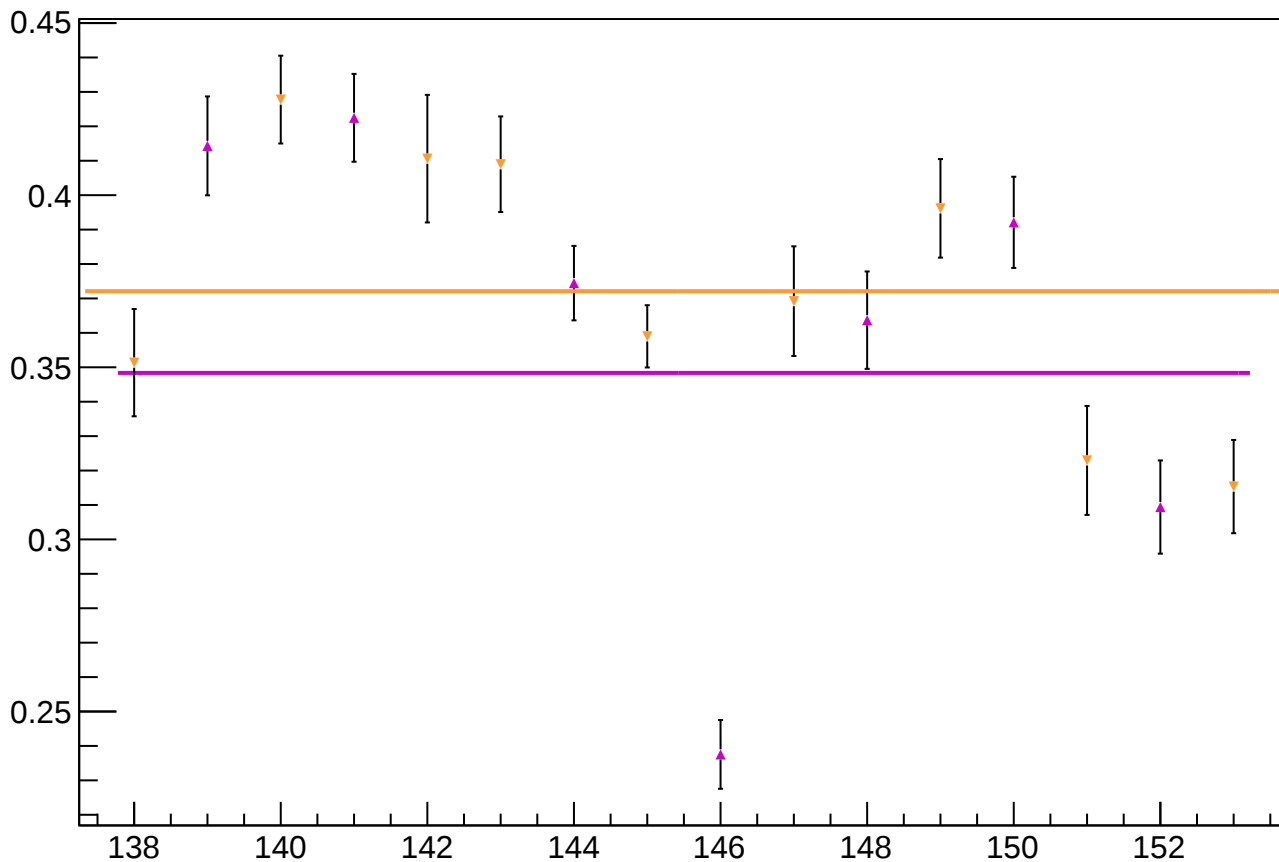
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.717+/-0.092 χ^2/NDF :1888.7/6

Left: 8.329+/-0.065 χ^2/NDF : 5035.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.717+/-0.092 χ^2/NDF :1888.7/6
 Out: 6.966+/-0.091 χ^2/NDF :2694.3/8
 All: 8.329+/-0.065 χ^2/NDF : 5035.6/15

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Left: 0.361 $\pm$ 0.003 χ^2 /NDF: 281.8/15

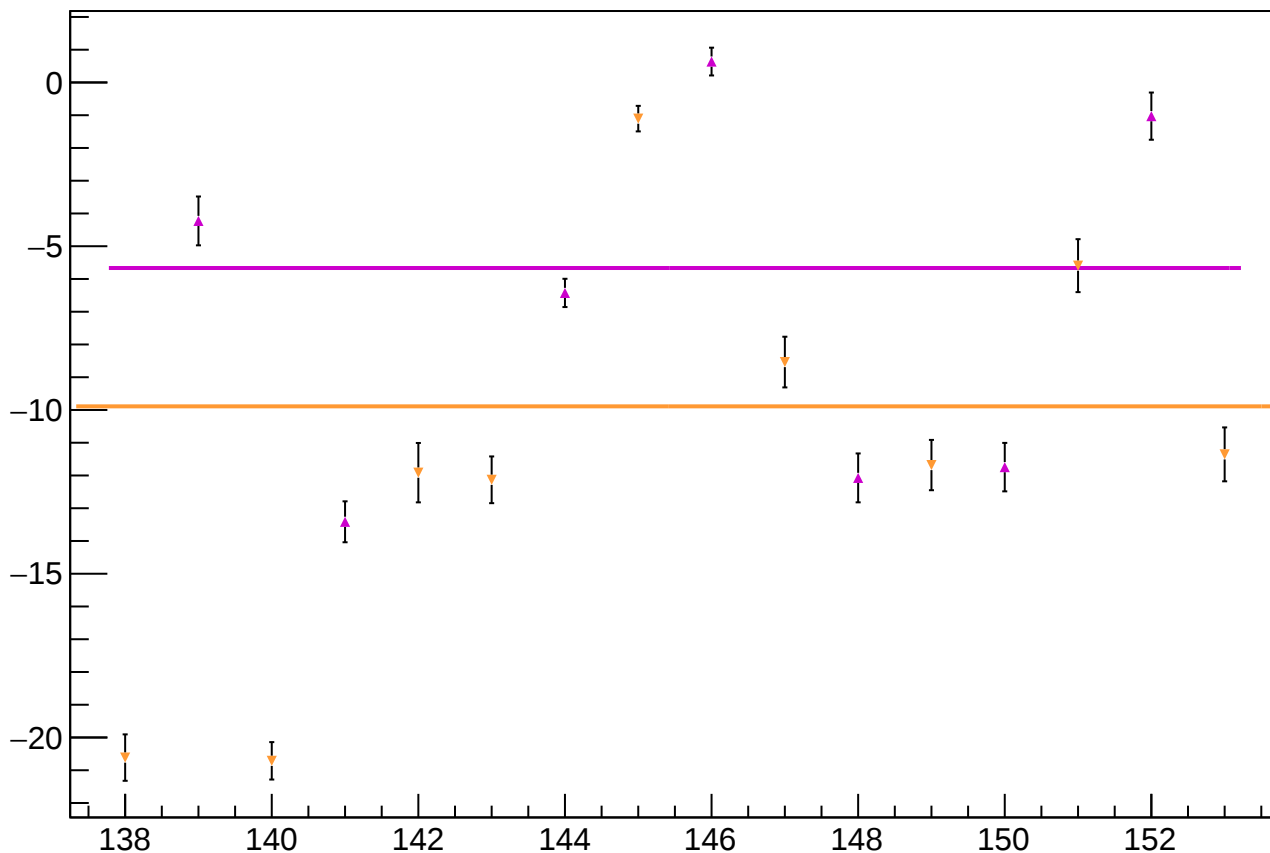
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.348 $\pm$ 0.005 χ^2 /NDF:204.1/6

Out: 0.372 $\pm$ 0.005 χ^2 /NDF:64.4/8

All: 0.361 $\pm$ 0.003 χ^2 /NDF: 281.8/15

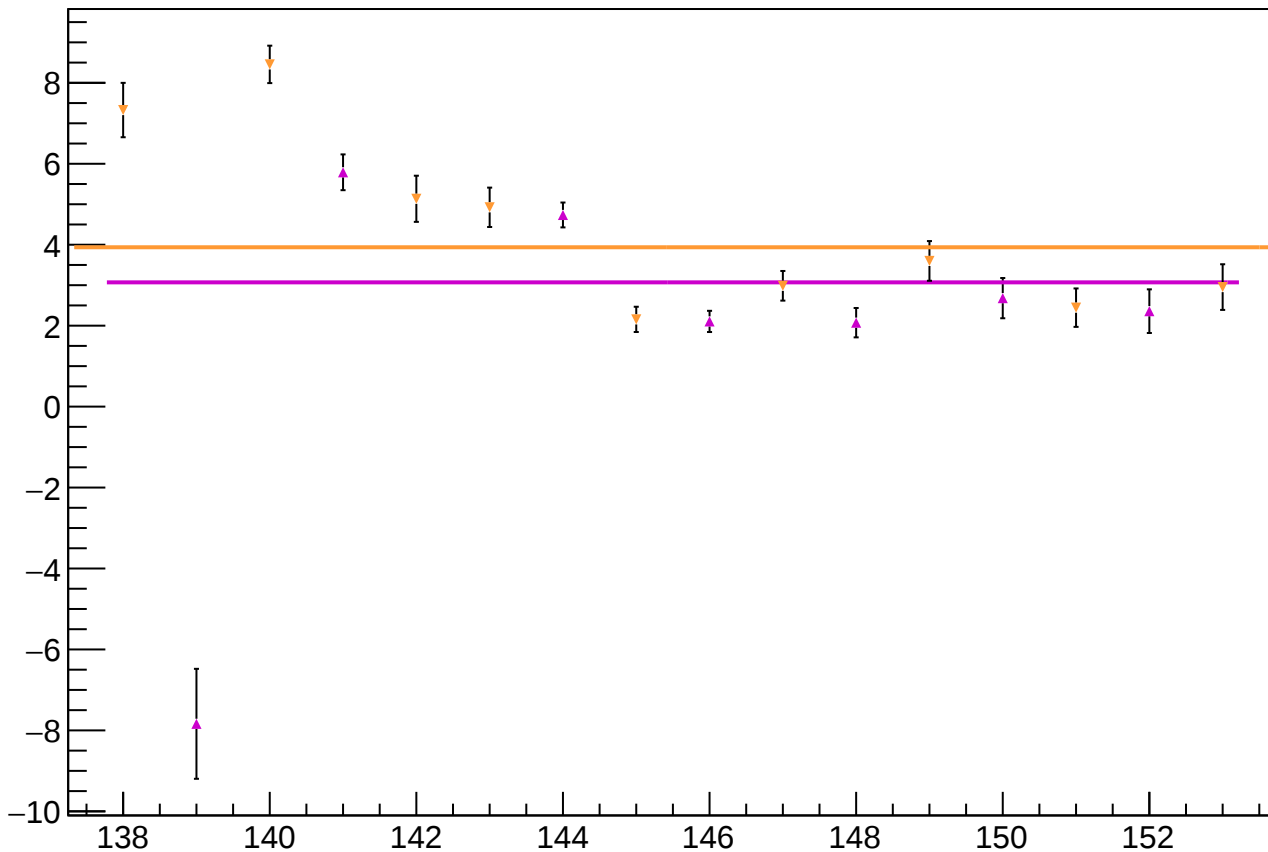
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -9.889+/-0.217 χ^2/NDF :1149.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.665+/-0.219 χ^2/NDF :564.0/6

Left: -7.795+/-0.154 χ^2/NDF : 1901.2/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.665+/-0.219 χ^2/NDF :564.0/6
 Out: -9.889+/-0.217 χ^2/NDF :1149.8/8
 All: -7.795+/-0.154 χ^2/NDF : 1901.2/15

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: 3.937+/-0.151 χ^2/NDF :182.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3.070+/-0.148 χ^2/NDF :155.2/6

Left: 3.493+/-0.106 χ^2/NDF : 354.2/15

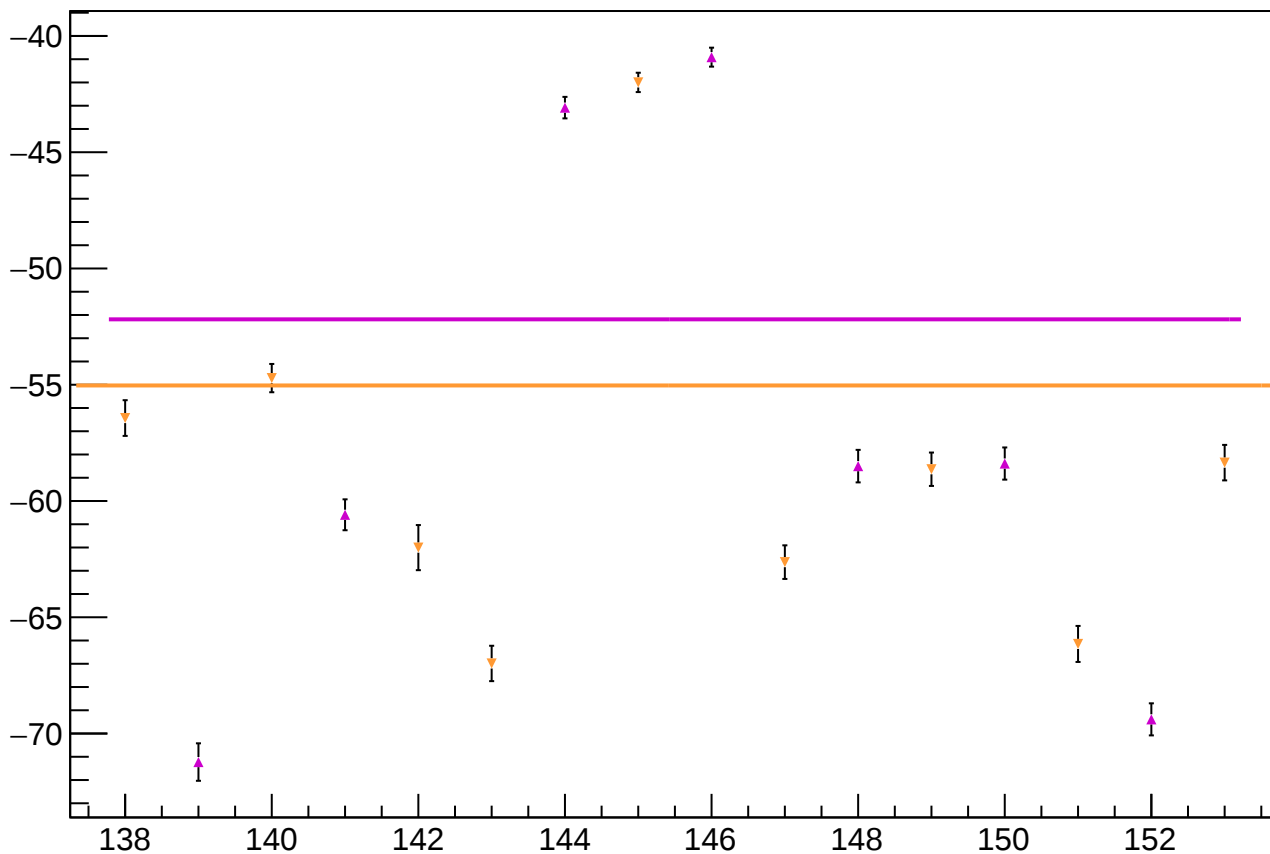
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 3.070+/-0.148 χ^2/NDF :155.2/6

Out: 3.937+/-0.151 χ^2/NDF :182.3/8

All: 3.493+/-0.106 χ^2/NDF : 354.2/15

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



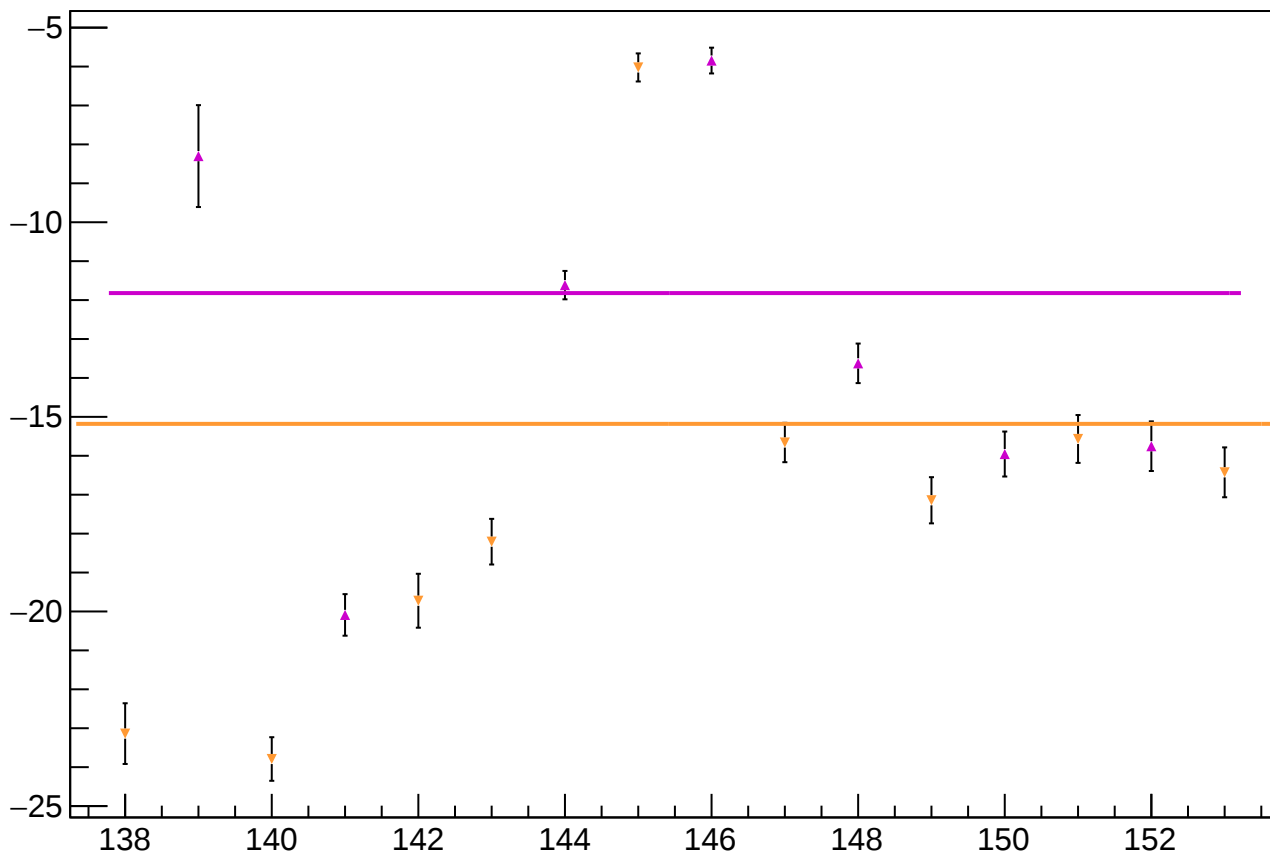
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.031+/-0.222 χ^2/NDF :1644.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -52.187+/-0.220 χ^2/NDF :2654.3/6

Left: -53.591+/-0.156 χ^2/NDF : 4382.0/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -52.187+/-0.220 χ^2/NDF :2654.3/6
 Out: -55.031+/-0.222 χ^2/NDF :1644.9/8

All: -53.591+/-0.156 χ^2/NDF : 4382.0/15

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -15.180+/-0.185 χ^2/NDF :1070.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -11.820+/-0.182 χ^2/NDF :674.7/6

Left: -13.480+/-0.130 χ^2/NDF : 1912.6/15

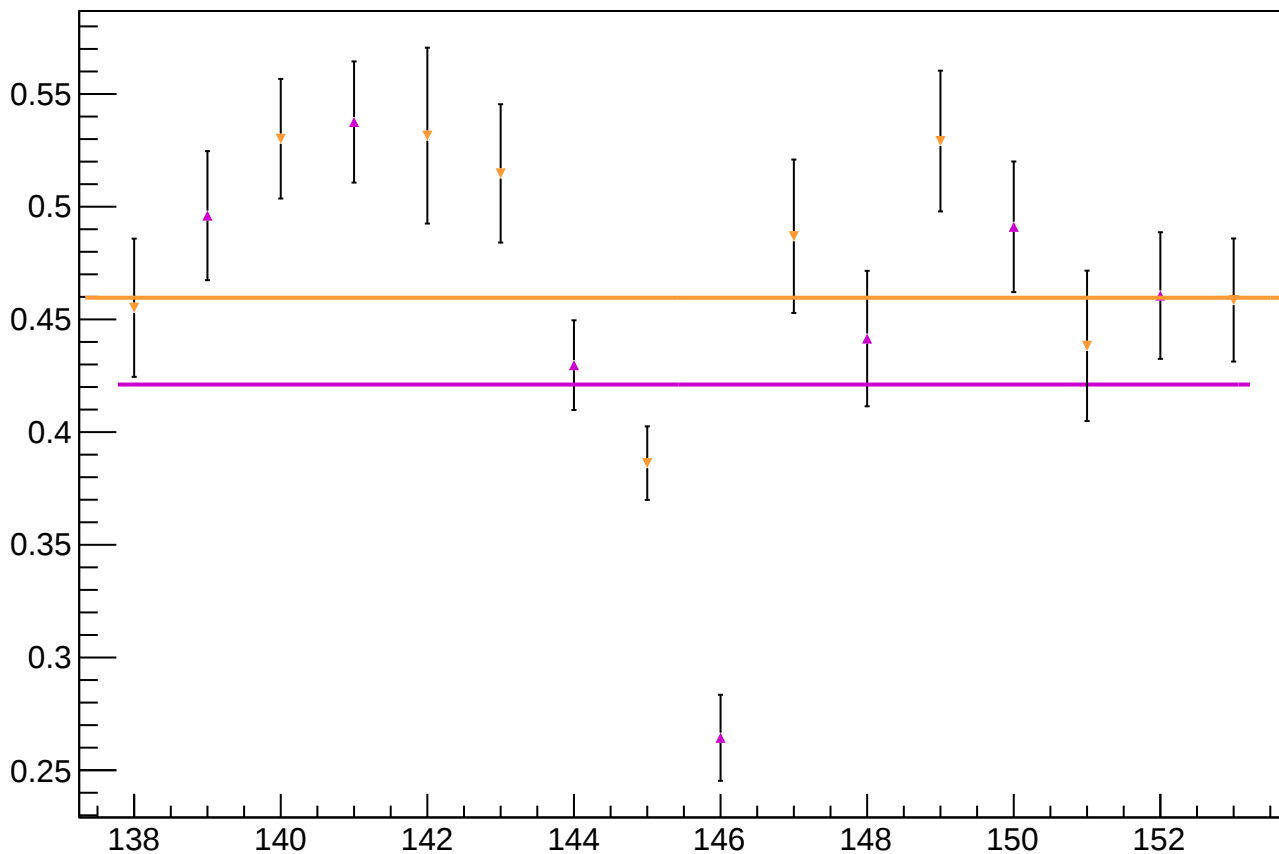
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.820+/-0.182 χ^2/NDF :674.7/6

Out: -15.180+/-0.185 χ^2/NDF :1070.2/8

All: -13.480+/-0.130 χ^2/NDF : 1912.6/15

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.460+/-0.009 χ^2/NDF :40.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.421+/-0.009 χ^2/NDF :101.5/6

Left: 0.441+/-0.007 χ^2/NDF : 150.2/15

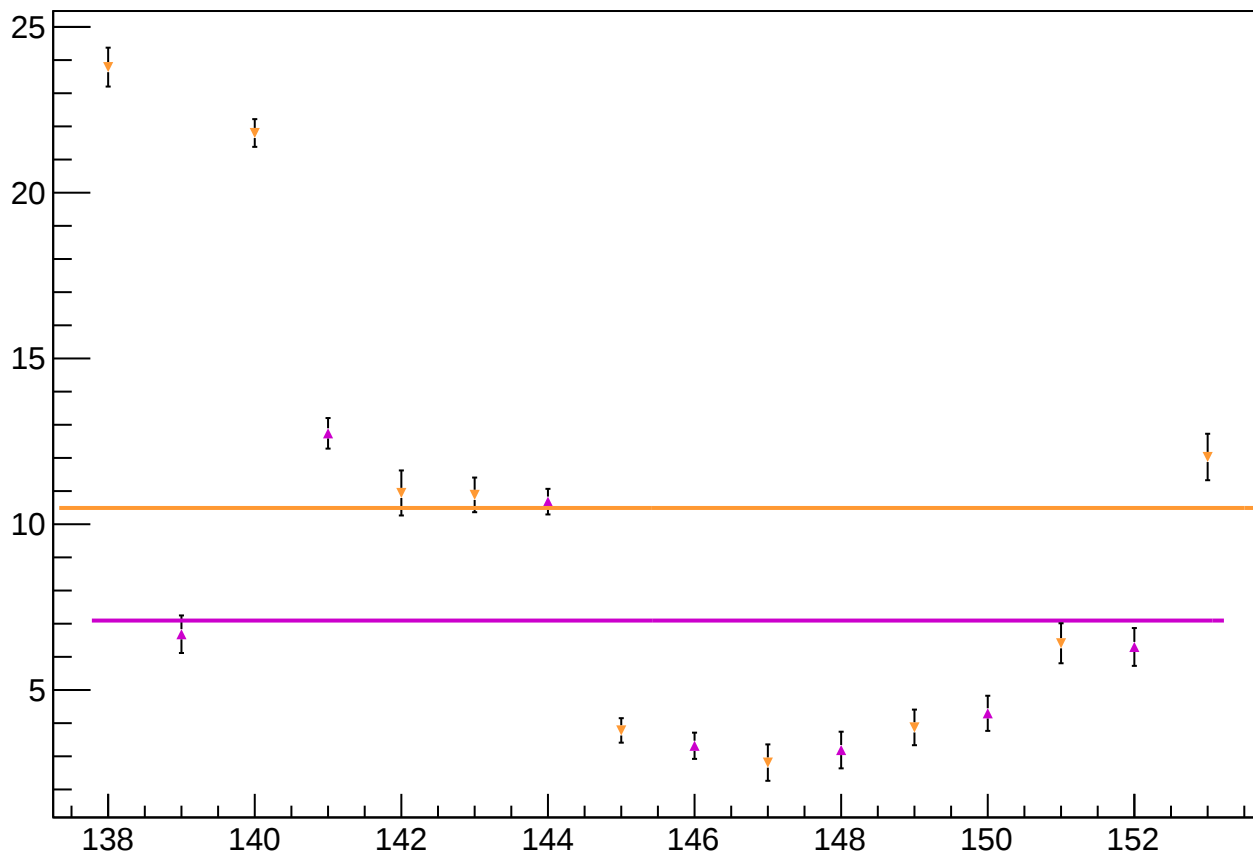
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.421+/-0.009 χ^2/NDF :101.5/6

Out: 0.460+/-0.009 χ^2/NDF :40.0/8

All: 0.441+/-0.007 χ^2/NDF : 150.2/15

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: 10.491+/-0.173 χ^2/NDF :1973.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.095+/-0.180 χ^2/NDF :407.6/6

Left: 8.860+/-0.125 χ^2/NDF : 2566.3/15

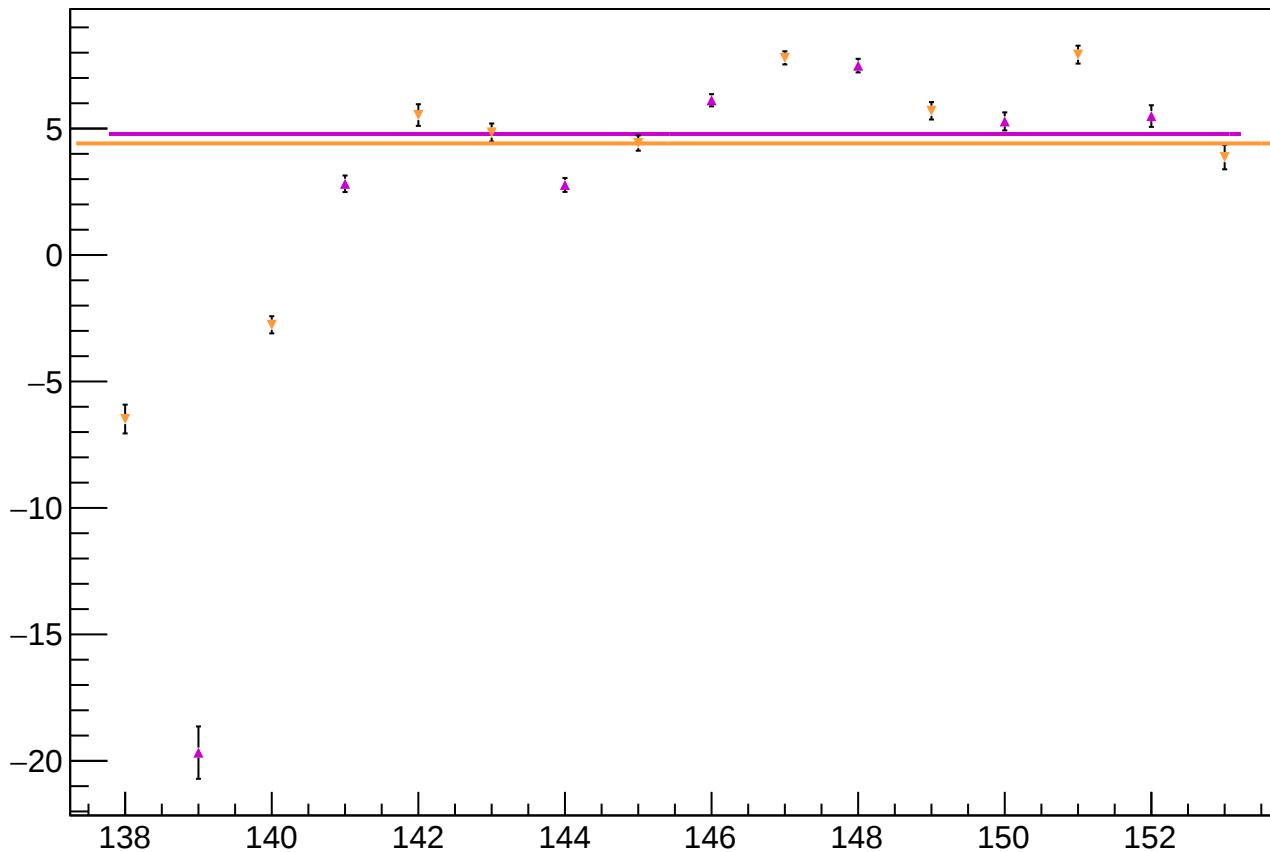
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.095+/-0.180 χ^2/NDF :407.6/6

Out: 10.491+/-0.173 χ^2/NDF :1973.9/8

All: 8.860+/-0.125 χ^2/NDF : 2566.3/15

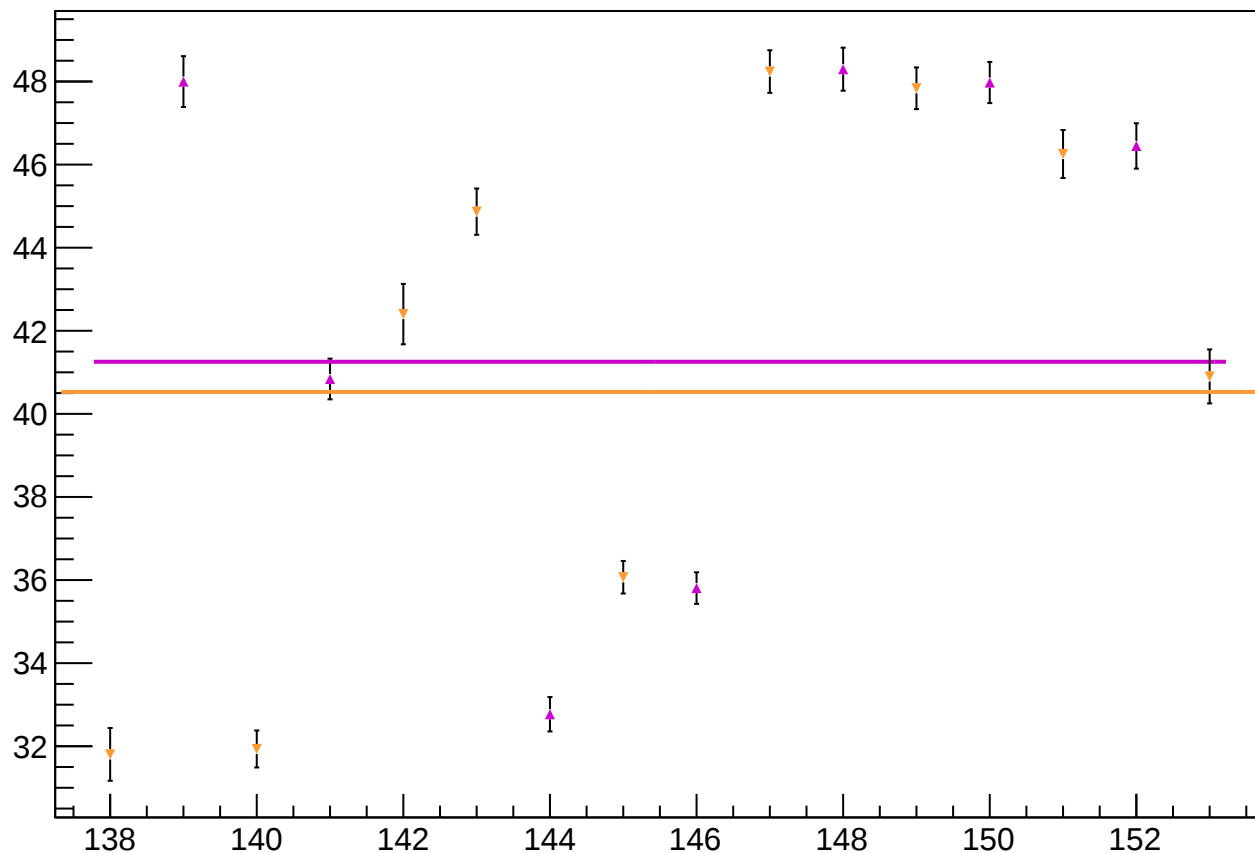
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.786+/-0.121 χ^2/NDF :783.7/6

Left: 4.594+/-0.085 χ^2/NDF : 1890.9/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.786+/-0.121 χ^2/NDF :783.7/6
 Out: 4.412+/-0.118 χ^2/NDF :1102.3/8
 All: 4.594+/-0.085 χ^2/NDF : 1890.9/15

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Left: 40.882+/-0.126 χ^2/NDF : 2510.5/15

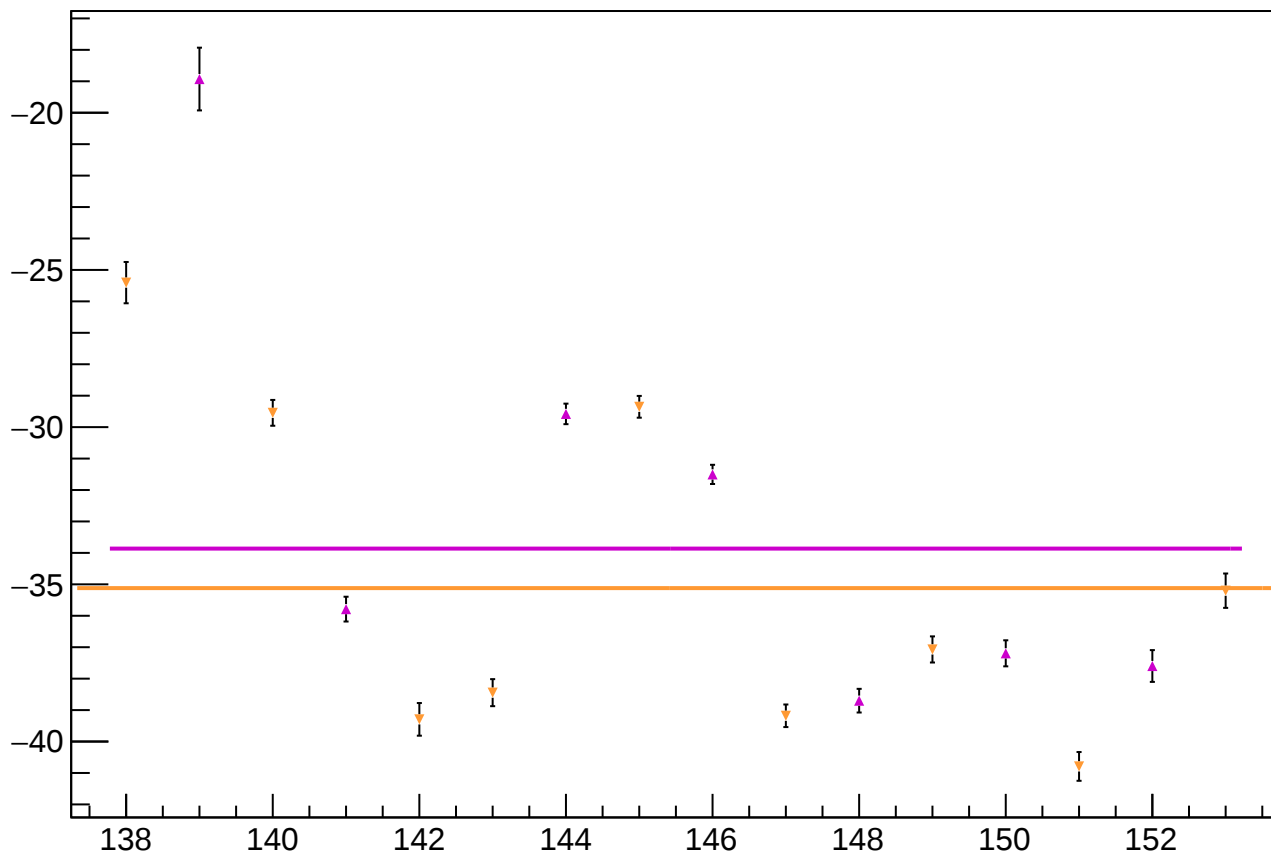
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.254+/-0.180 χ^2/NDF :1207.8/6

Out: 40.528+/-0.176 χ^2/NDF :1294.4/8

All: 40.882+/-0.126 χ^2/NDF : 2510.5/15

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



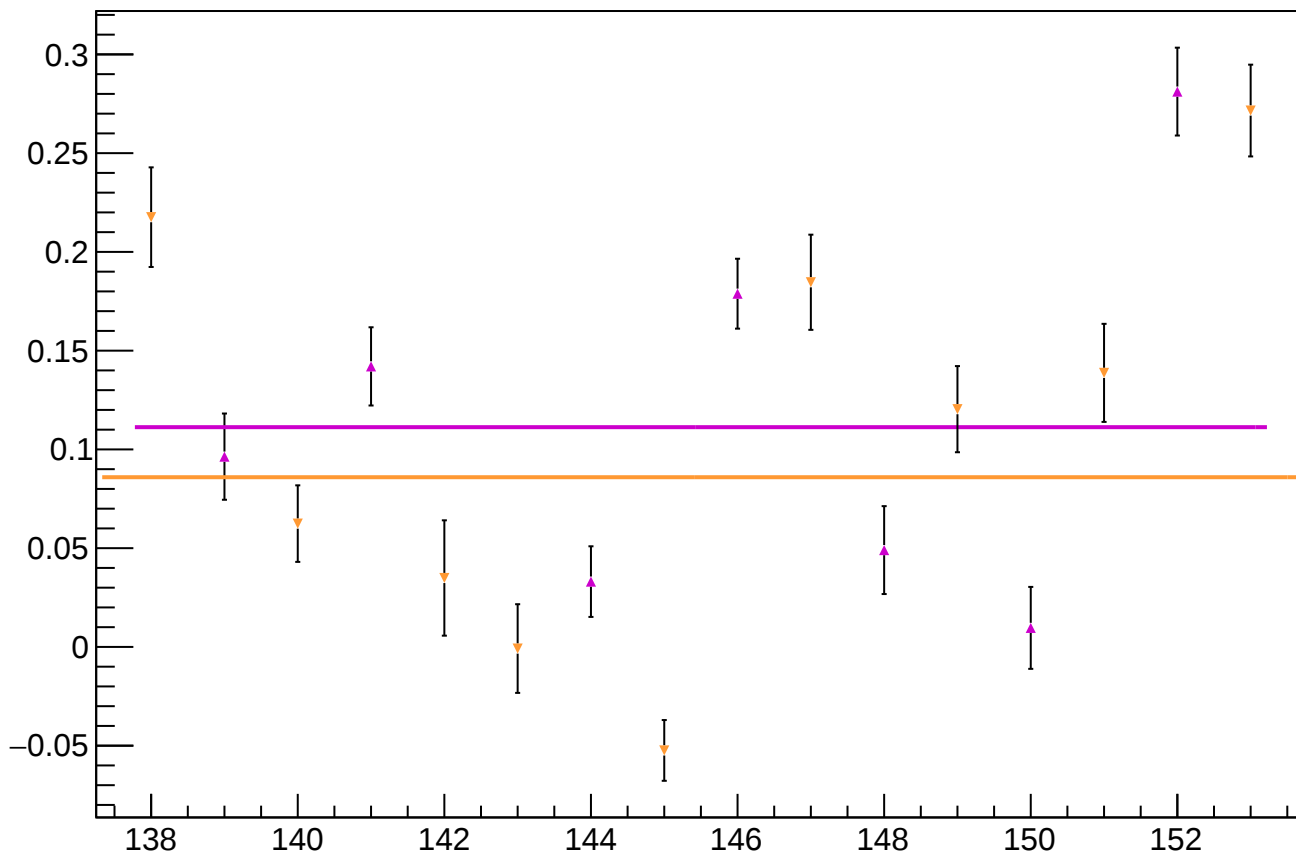
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.120+/-0.145 χ^2/NDF :1108.1/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -33.863+/-0.150 χ^2/NDF :764.4/6

Left: -34.512+/-0.104 χ^2/NDF : 1908.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -33.863+/-0.150 χ^2/NDF :764.4/6
 Out: -35.120+/-0.145 χ^2/NDF :1108.1/8

All: -34.512+/-0.104 χ^2/NDF : 1908.7/15

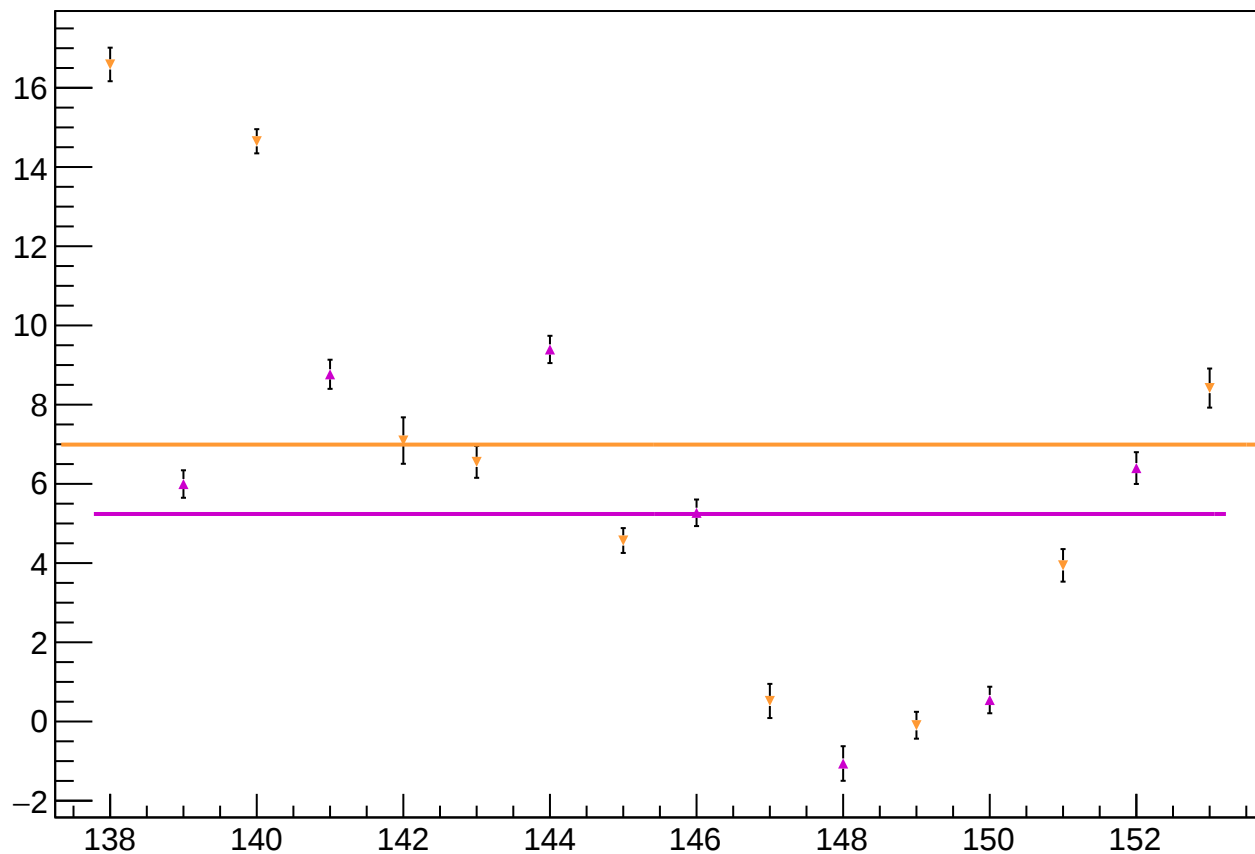
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6

Left: 0.098 $\pm$ 0.005 χ^2 /NDF: 347.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.111 $\pm$ 0.008 χ^2 /NDF:126.8/6
 Out: 0.086 $\pm$ 0.007 χ^2 /NDF:215.3/8
 All: 0.098 $\pm$ 0.005 χ^2 /NDF: 347.8/15

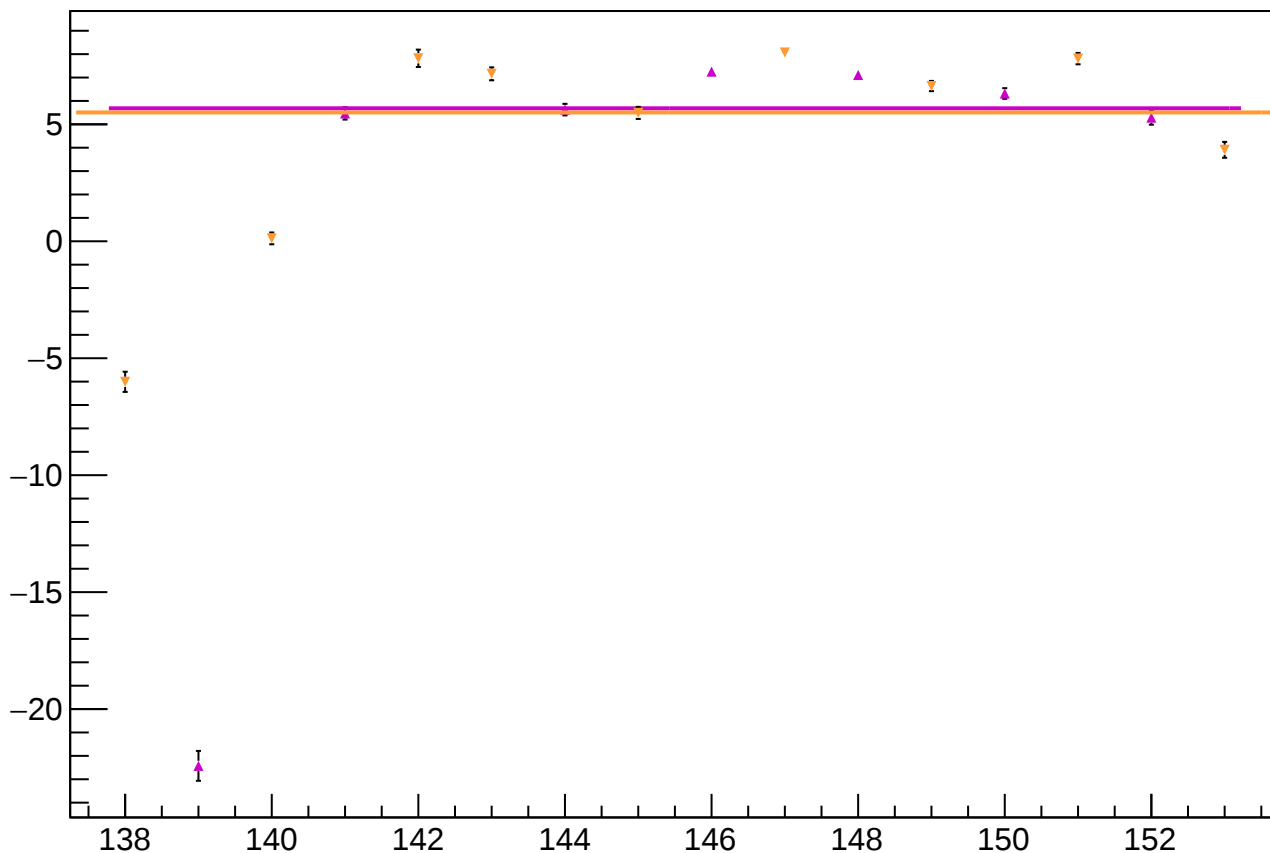
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.240+/-0.137 χ^2/NDF :655.2/6

Left: 6.164+/-0.094 χ^2/NDF : 2670.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.240+/-0.137 χ^2/NDF :655.2/6
 Out: 6.992+/-0.129 χ^2/NDF :1928.8/8
 All: 6.164+/-0.094 χ^2/NDF : 2670.5/15

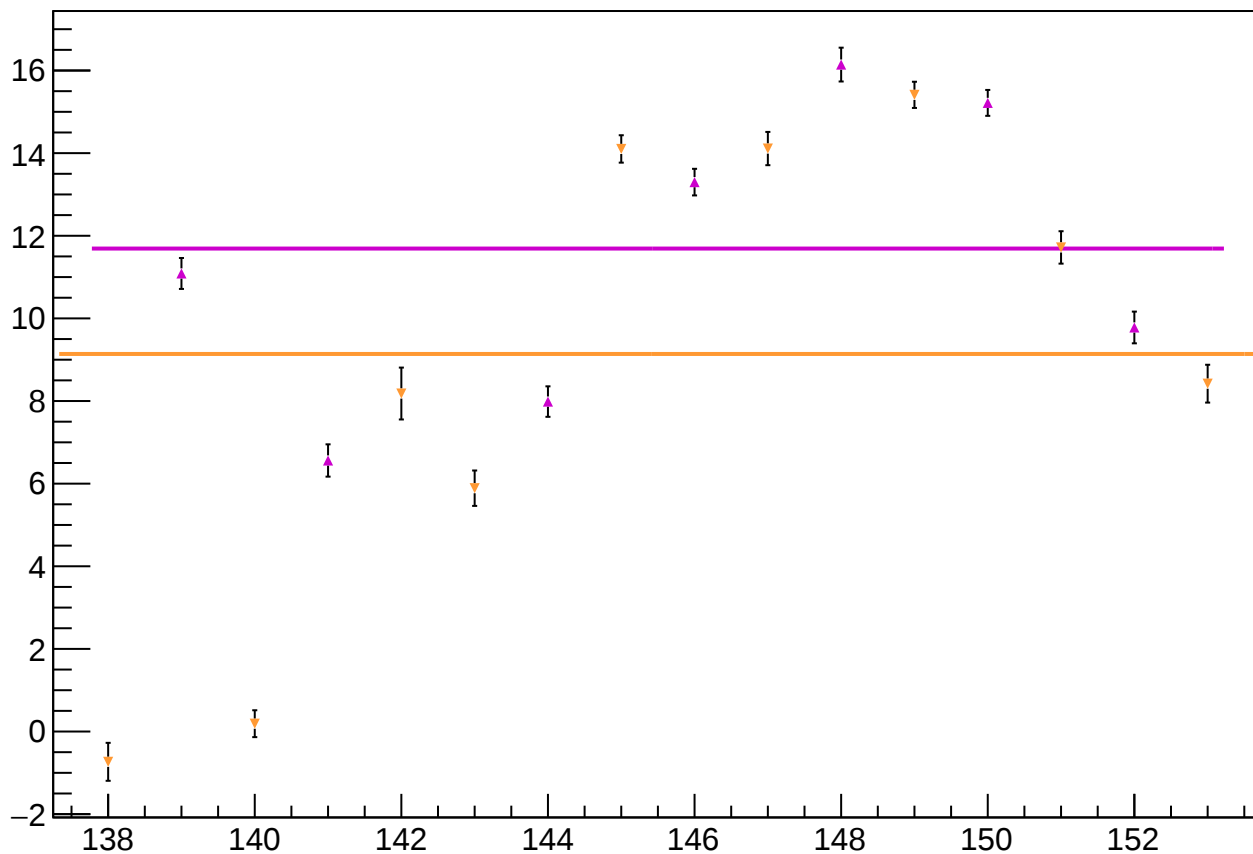
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6

Left: 5.589 $\pm$ 0.066 χ^2 /NDF: 3576.4/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.685 $\pm$ 0.097 χ^2 /NDF:2043.5/6
 Out: 5.508 $\pm$ 0.089 χ^2 /NDF:1531.1/8
 All: 5.589 $\pm$ 0.066 χ^2 /NDF: 3576.4/15

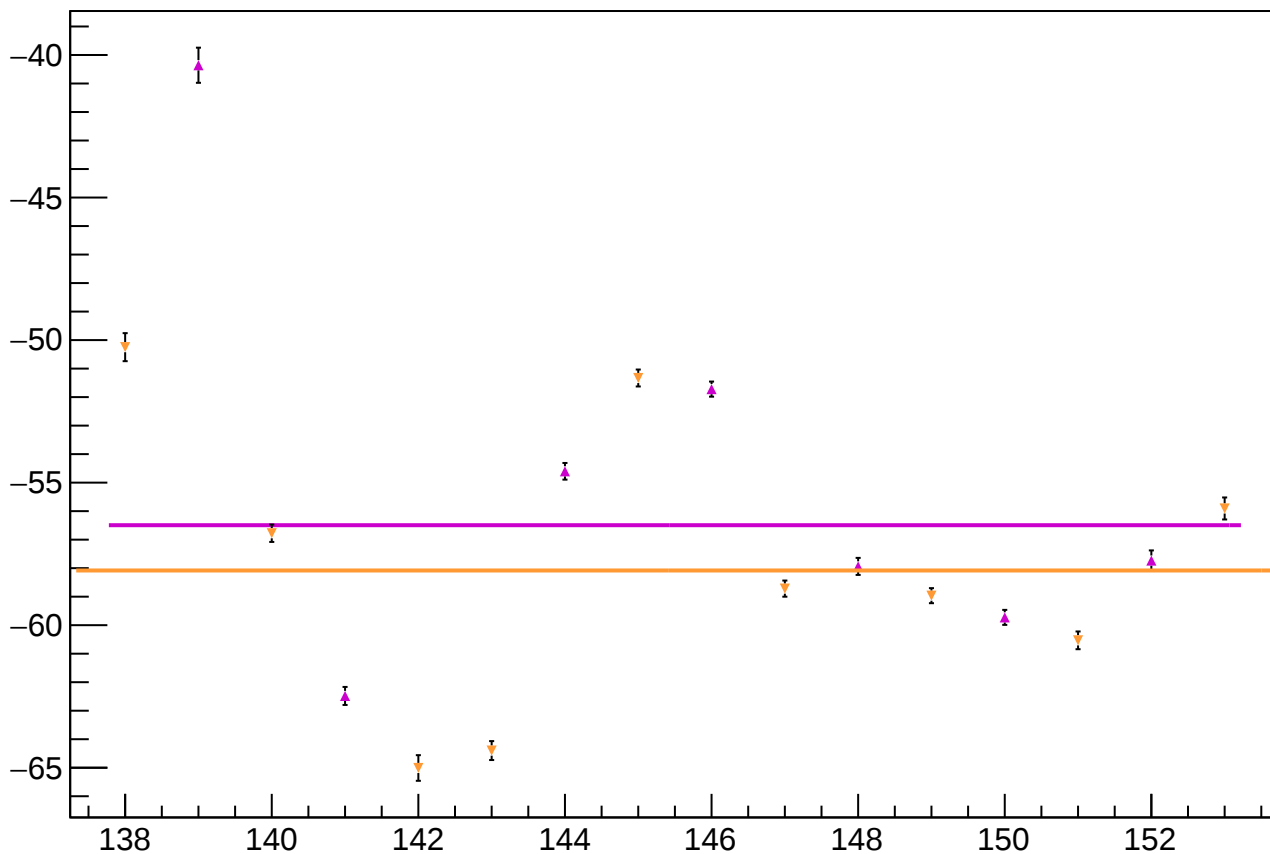
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.139 $\pm$ 0.131 χ^2 /NDF:2091.7/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6

Left: 10.357 $\pm$ 0.094 χ^2 /NDF: 2843.9/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.690 $\pm$ 0.137 χ^2 /NDF:569.9/6
 Out: 9.139 $\pm$ 0.131 χ^2 /NDF:2091.7/8
 All: 10.357 $\pm$ 0.094 χ^2 /NDF: 2843.9/15

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



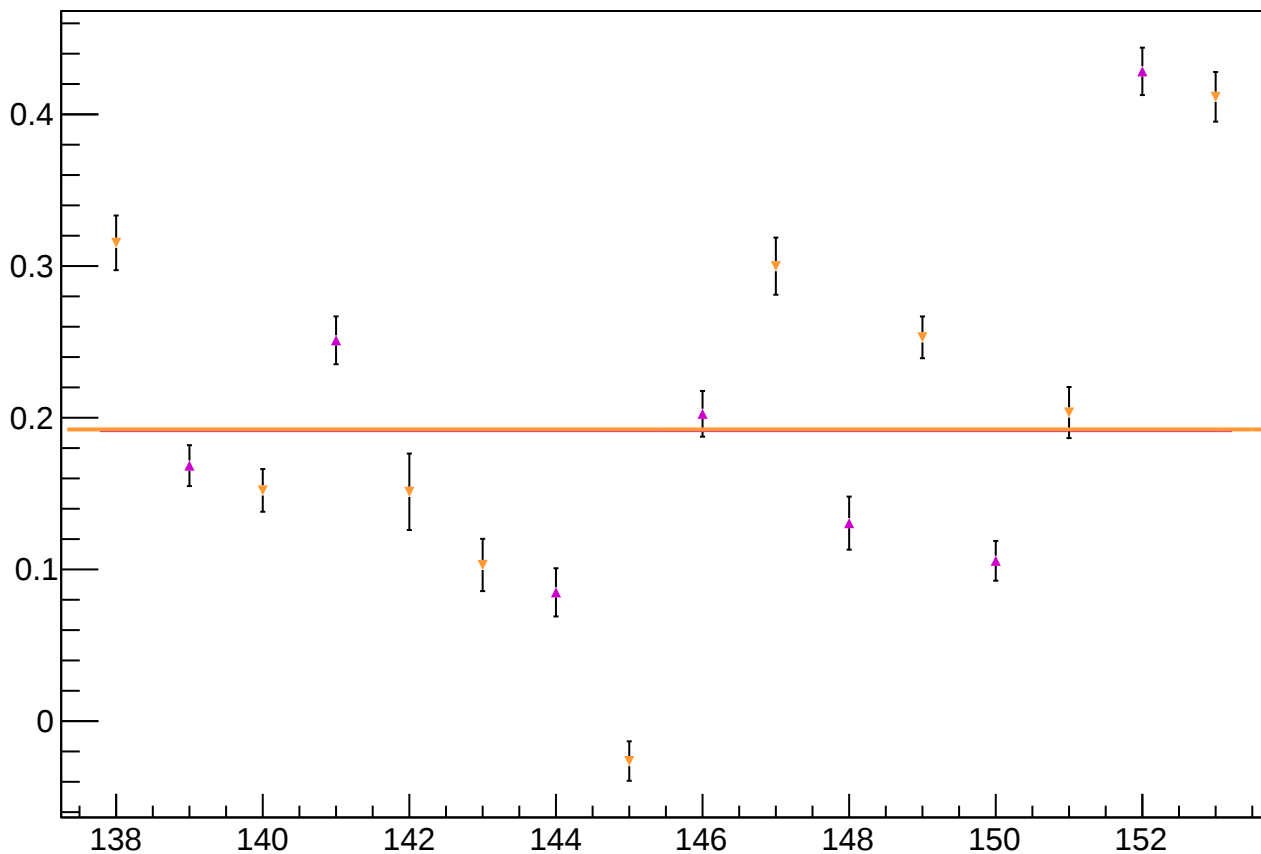
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -58.081+/-0.109 χ^2/NDF :1498.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.493+/-0.118 χ^2/NDF :1597.6/6

Left: -57.348+/-0.080 χ^2/NDF : 3193.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.493+/-0.118 χ^2/NDF :1597.6/6
 Out: -58.081+/-0.109 χ^2/NDF :1498.0/8

All: -57.348+/-0.080 χ^2/NDF : 3193.6/15

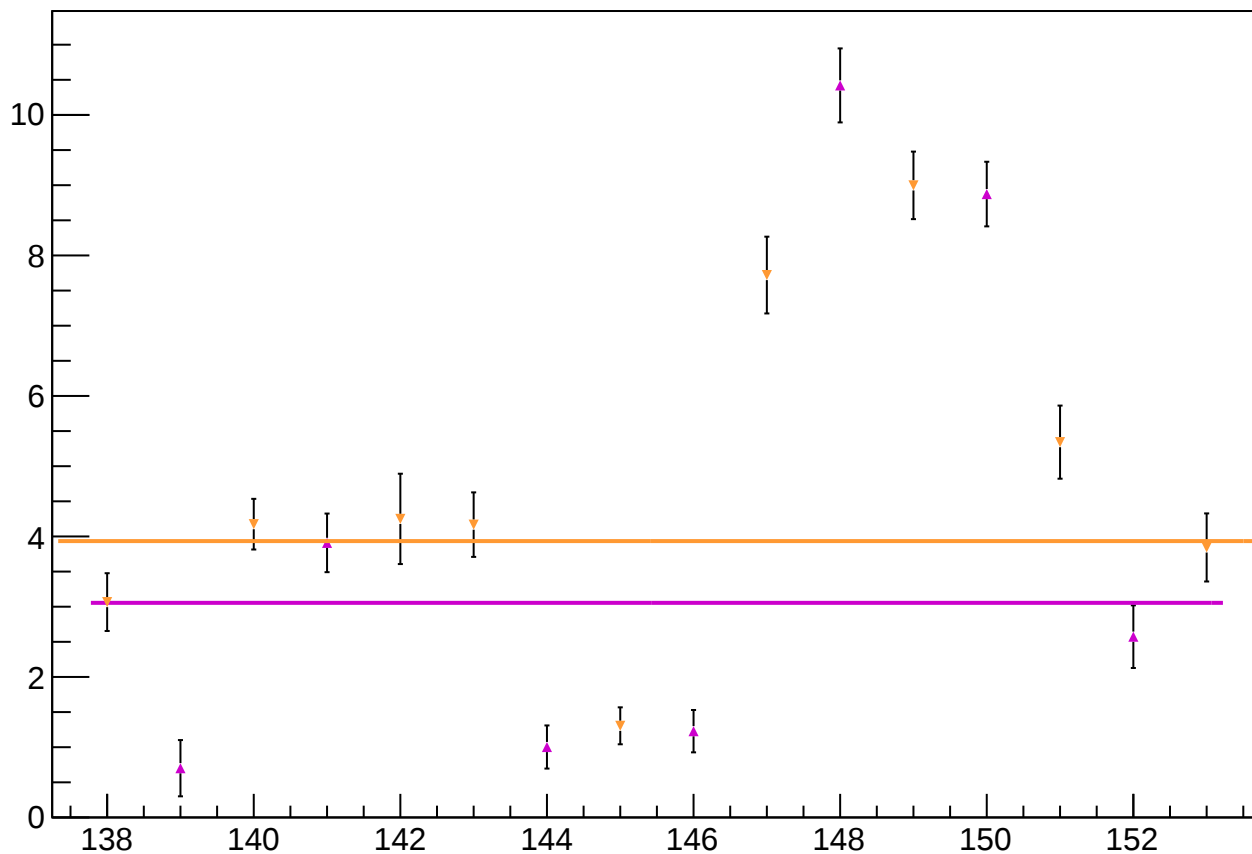
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6

Left: 0.192 $\pm$ 0.004 χ^2 /NDF: 946.2/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.192 $\pm$ 0.006 χ^2 /NDF:347.8/6
 Out: 0.192 $\pm$ 0.005 χ^2 /NDF:598.5/8
 All: 0.192 $\pm$ 0.004 χ^2 /NDF: 946.2/15

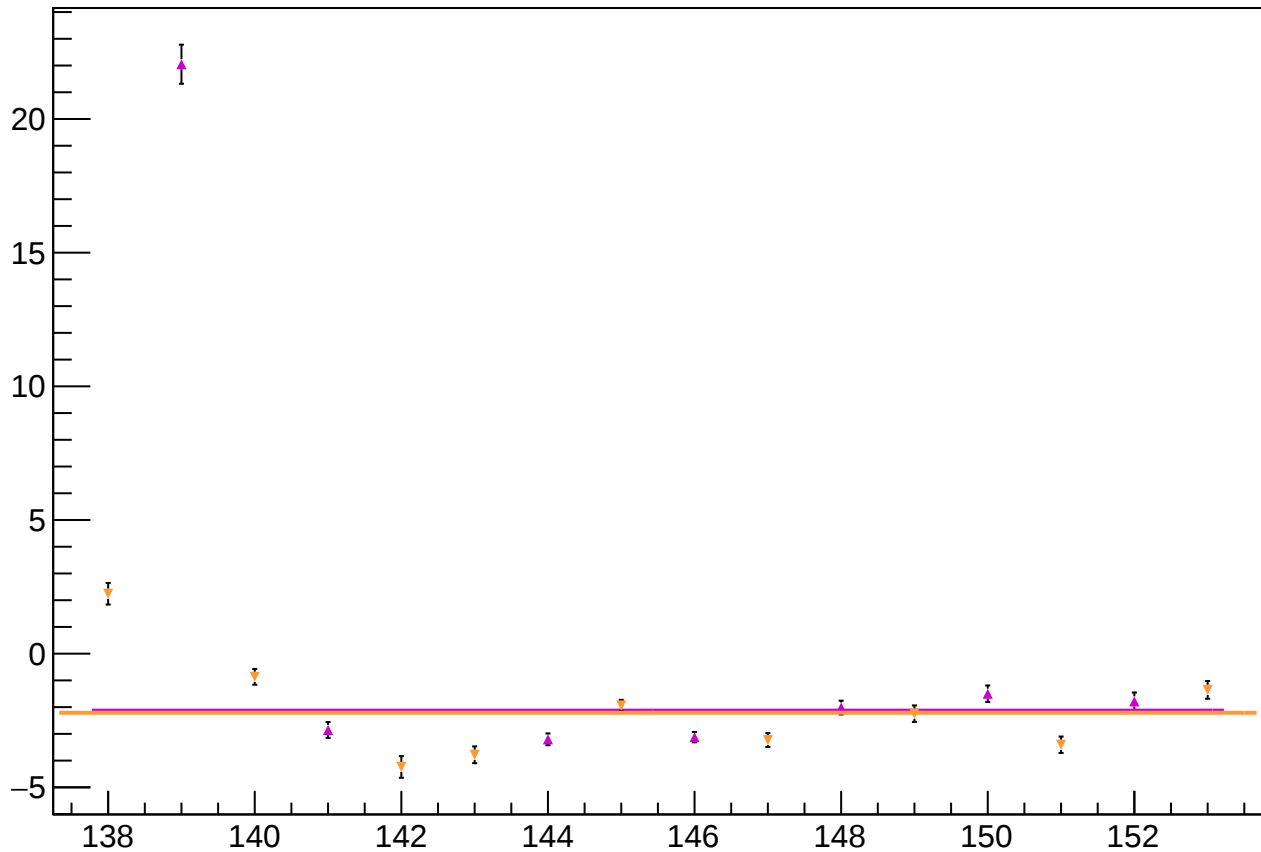
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6

Left: 3.512 $\pm$ 0.101 χ^2 /NDF: 767.6/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.055 $\pm$ 0.146 χ^2 /NDF:476.9/6
 Out: 3.934 $\pm$ 0.140 χ^2 /NDF:271.8/8
 All: 3.512 $\pm$ 0.101 χ^2 /NDF: 767.6/15

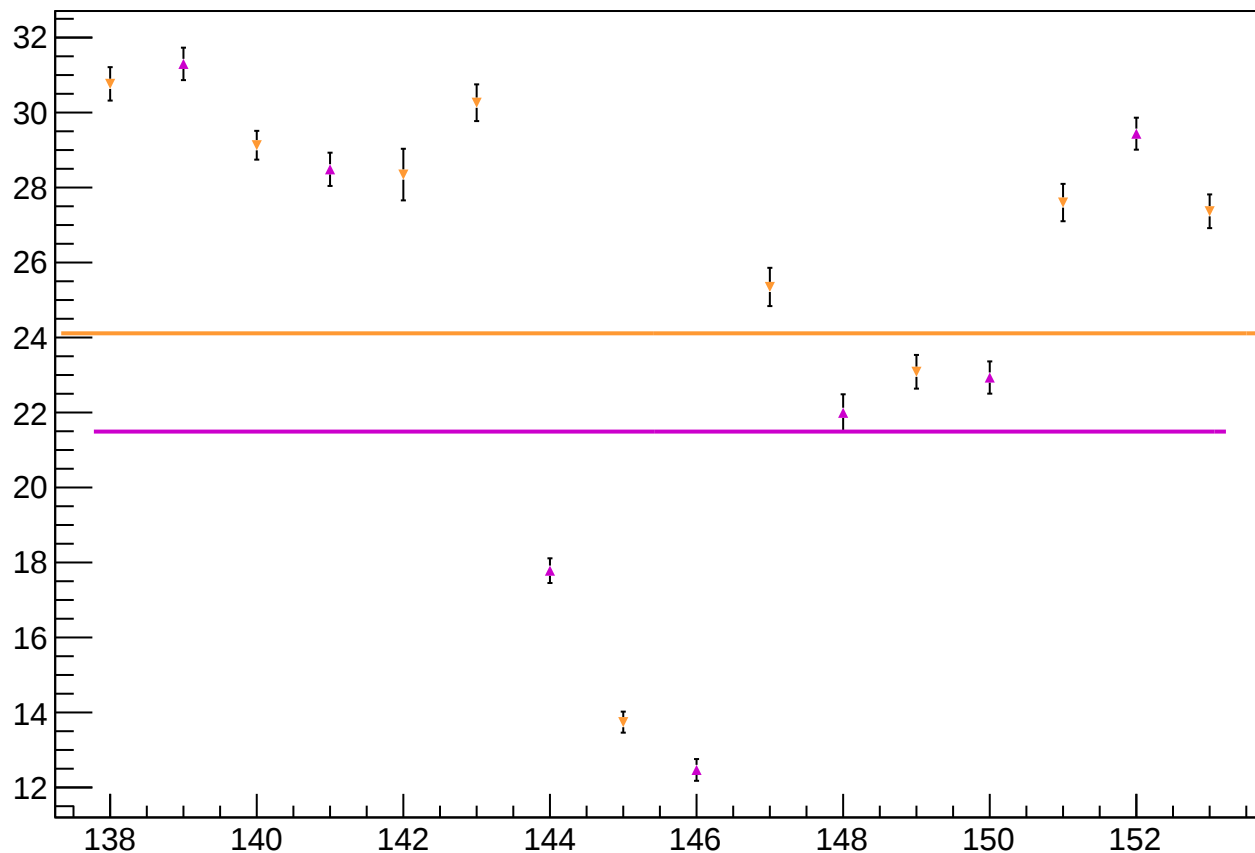
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.210+/-0.099 χ^2/NDF :230.9/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.132+/-0.103 χ^2/NDF :1155.3/6

Left: -2.172+/-0.071 χ^2/NDF : 1386.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.132+/-0.103 χ^2/NDF :1155.3/6
 Out: -2.210+/-0.099 χ^2/NDF :230.9/8
 All: -2.172+/-0.071 χ^2/NDF : 1386.5/15

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: 24.112+/-0.143 χ^2/NDF :2069.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 21.491+/-0.147 χ^2/NDF :2216.4/6

Left: 22.830+/-0.103 χ^2/NDF : 4449.5/15

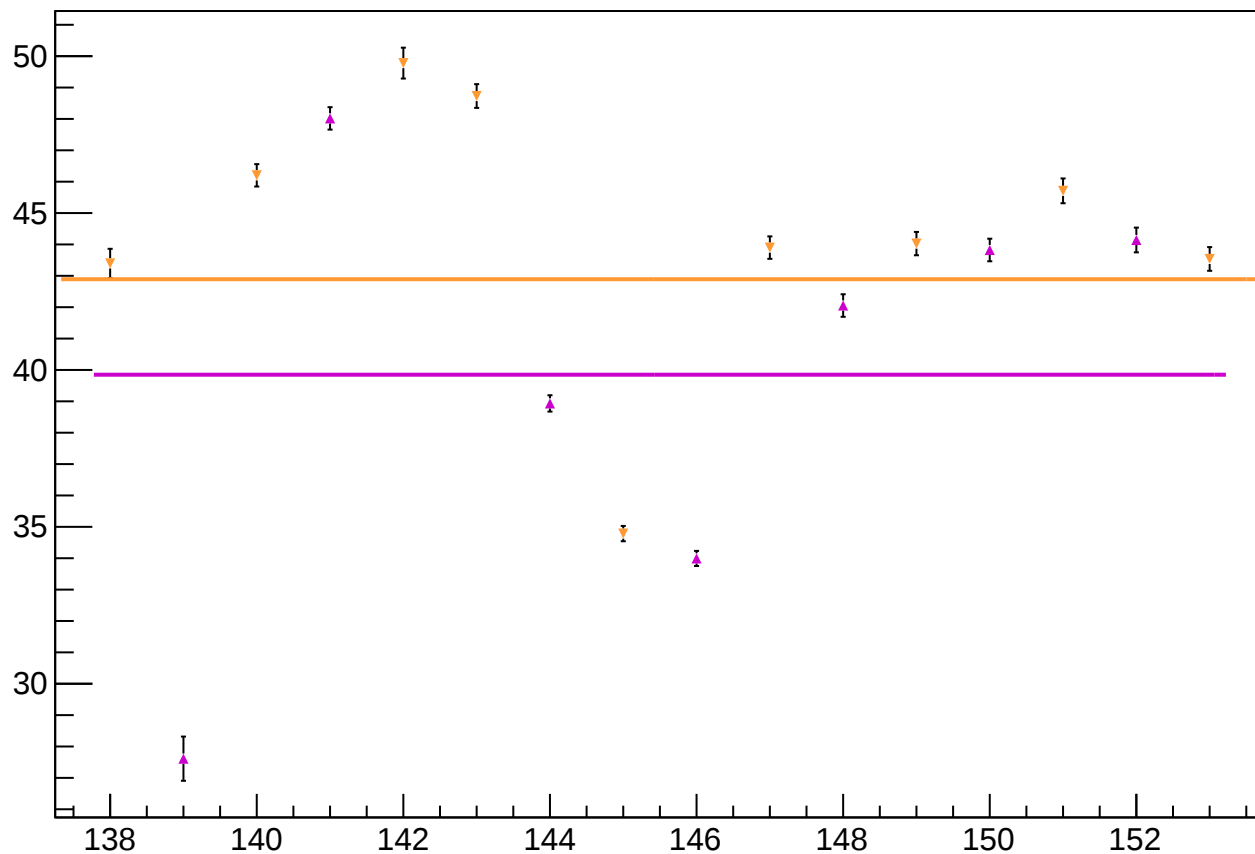
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.491+/-0.147 χ^2/NDF :2216.4/6

Out: 24.112+/-0.143 χ^2/NDF :2069.8/8

All: 22.830+/-0.103 χ^2/NDF : 4449.5/15

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Left: 41.429+/-0.087 χ^2/NDF : 3710.0/15

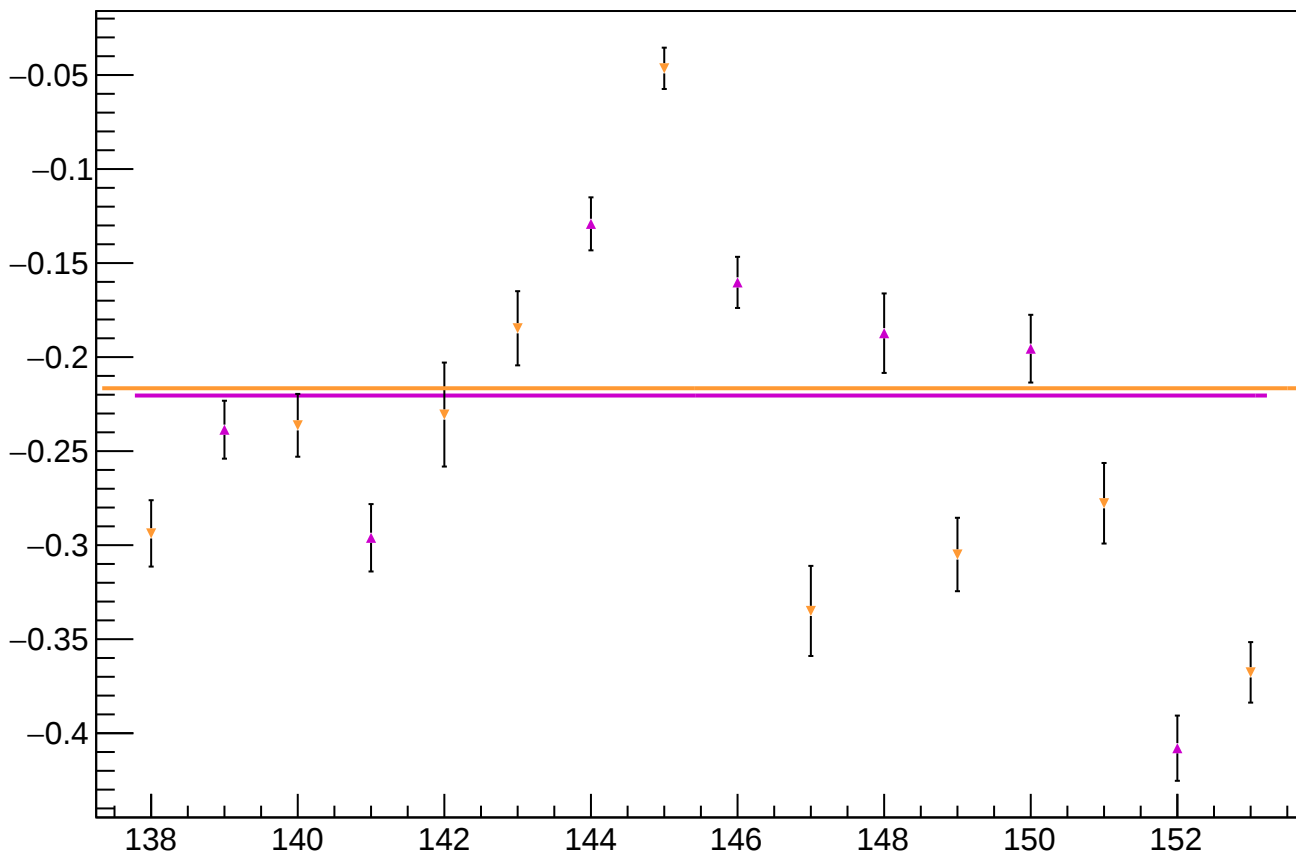
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 39.848+/-0.125 χ^2/NDF :1706.7/6

Out: 42.892+/-0.121 χ^2/NDF :1696.7/8

All: 41.429+/-0.087 χ^2/NDF : 3710.0/15

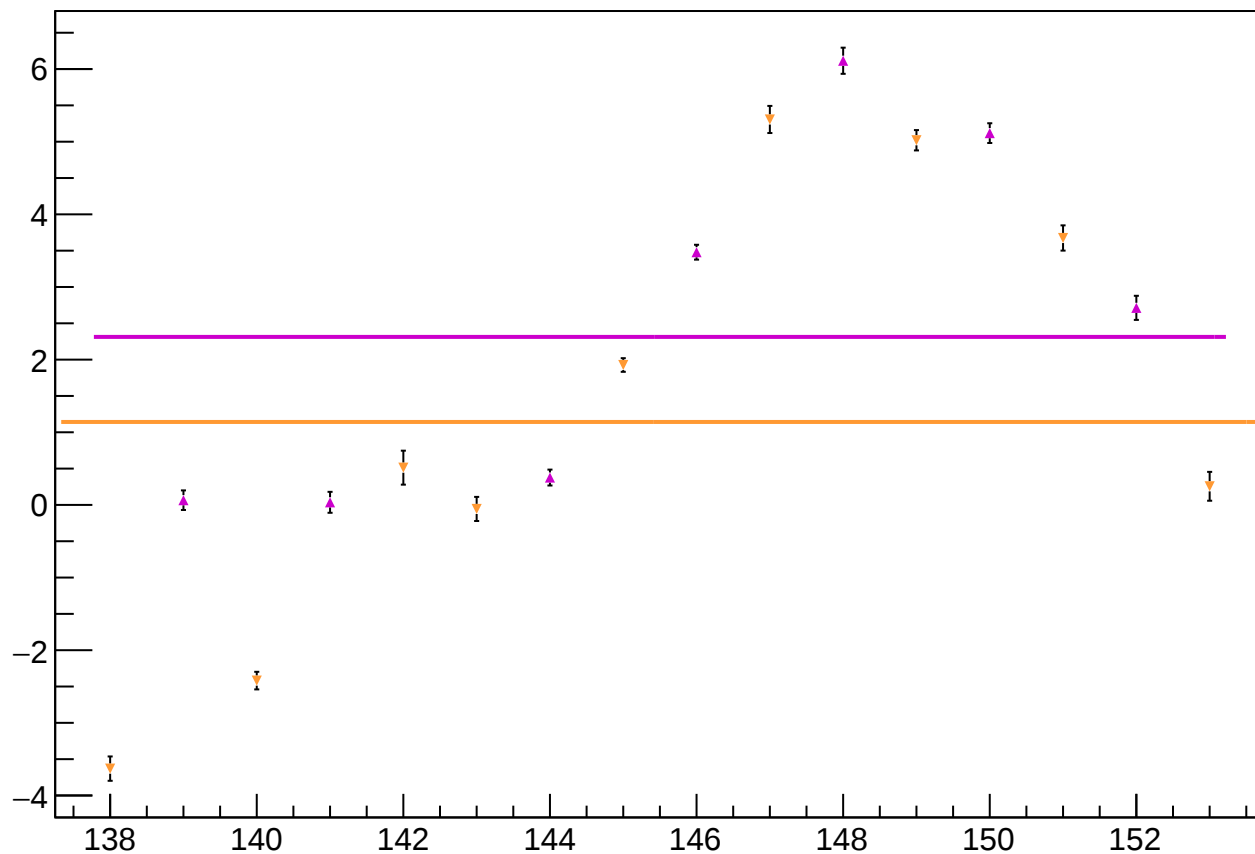
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.217 $\pm$ 0.006 χ^2 /NDF:404.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.220 $\pm$ 0.006 χ^2 /NDF:202.1/6

Left: -0.218 $\pm$ 0.004 χ^2 /NDF: 606.8/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.220 $\pm$ 0.006 χ^2 /NDF:202.1/6
 Out: -0.217 $\pm$ 0.006 χ^2 /NDF:404.5/8
 All: -0.218 $\pm$ 0.004 χ^2 /NDF: 606.8/15

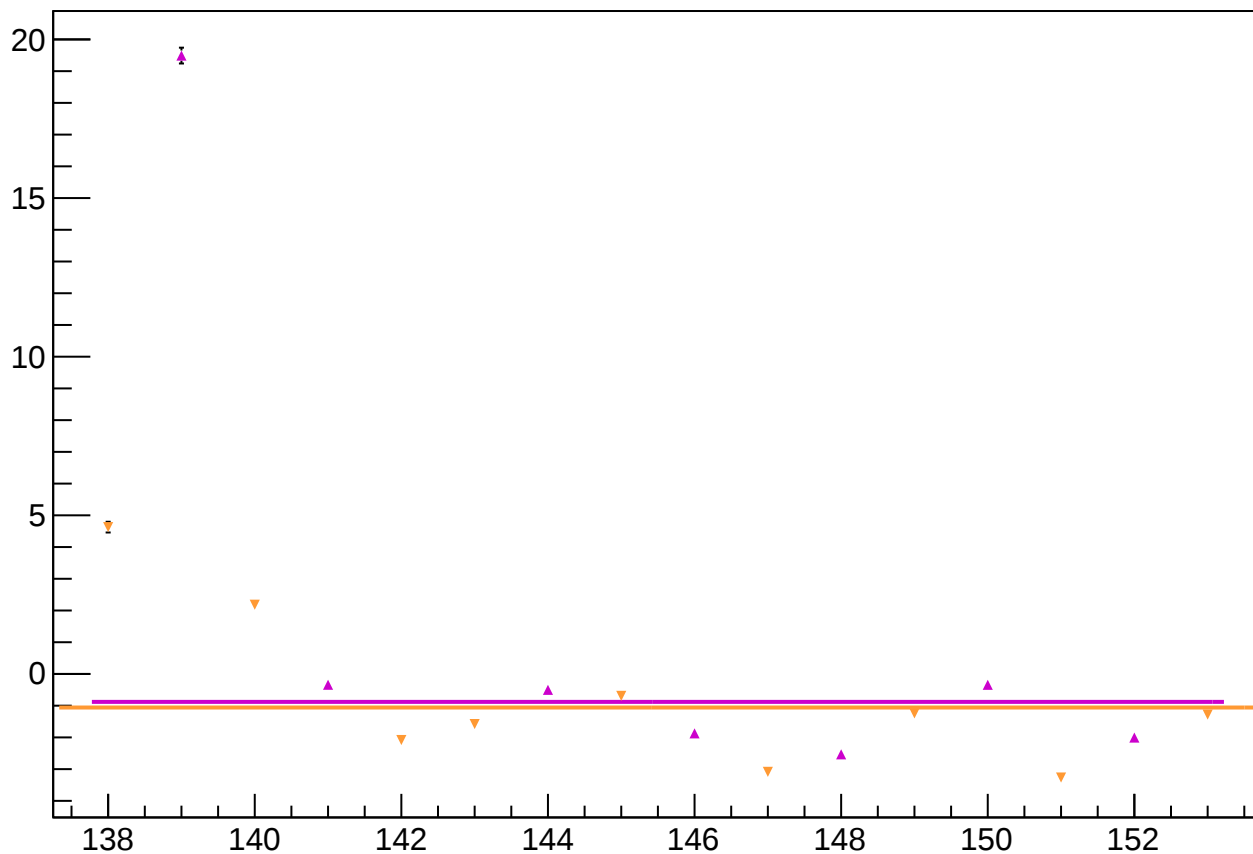
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6

Left: 1.723 $\pm$ 0.035 χ^2 /NDF: 5430.1/15
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 2.313 $\pm$ 0.050 χ^2 /NDF:1848.8/6
 Out: 1.142 $\pm$ 0.049 χ^2 /NDF:3302.5/8
 All: 1.723 $\pm$ 0.035 χ^2 /NDF: 5430.1/15

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



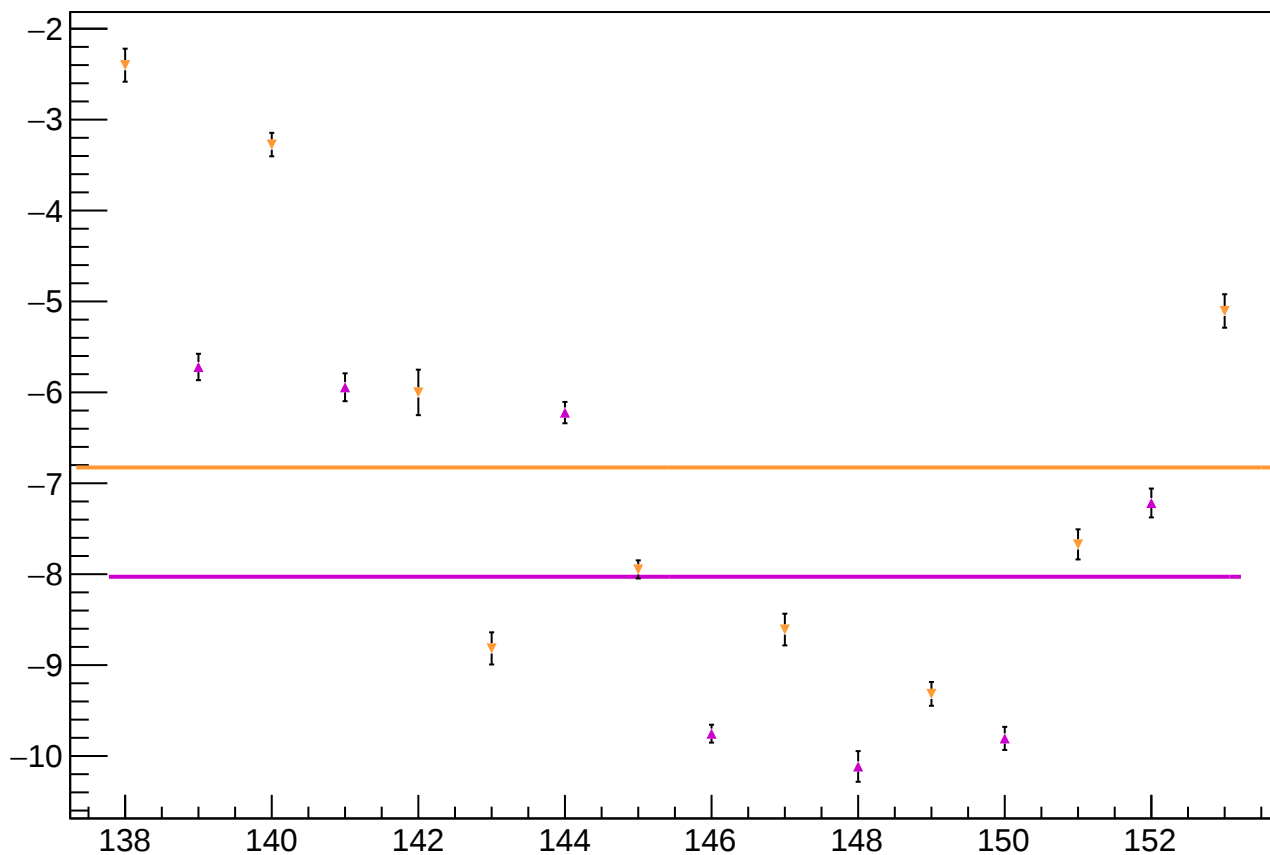
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.880+/-0.035 χ^2/NDF : 7415.7/6

Left: -0.970+/-0.025 χ^2/NDF : 10678.8/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.880+/-0.035 χ^2/NDF : 7415.7/6
 Out: -1.058+/-0.035 χ^2/NDF : 3250.2/8

All: -0.970+/-0.025 χ^2/NDF : 10678.8/15

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



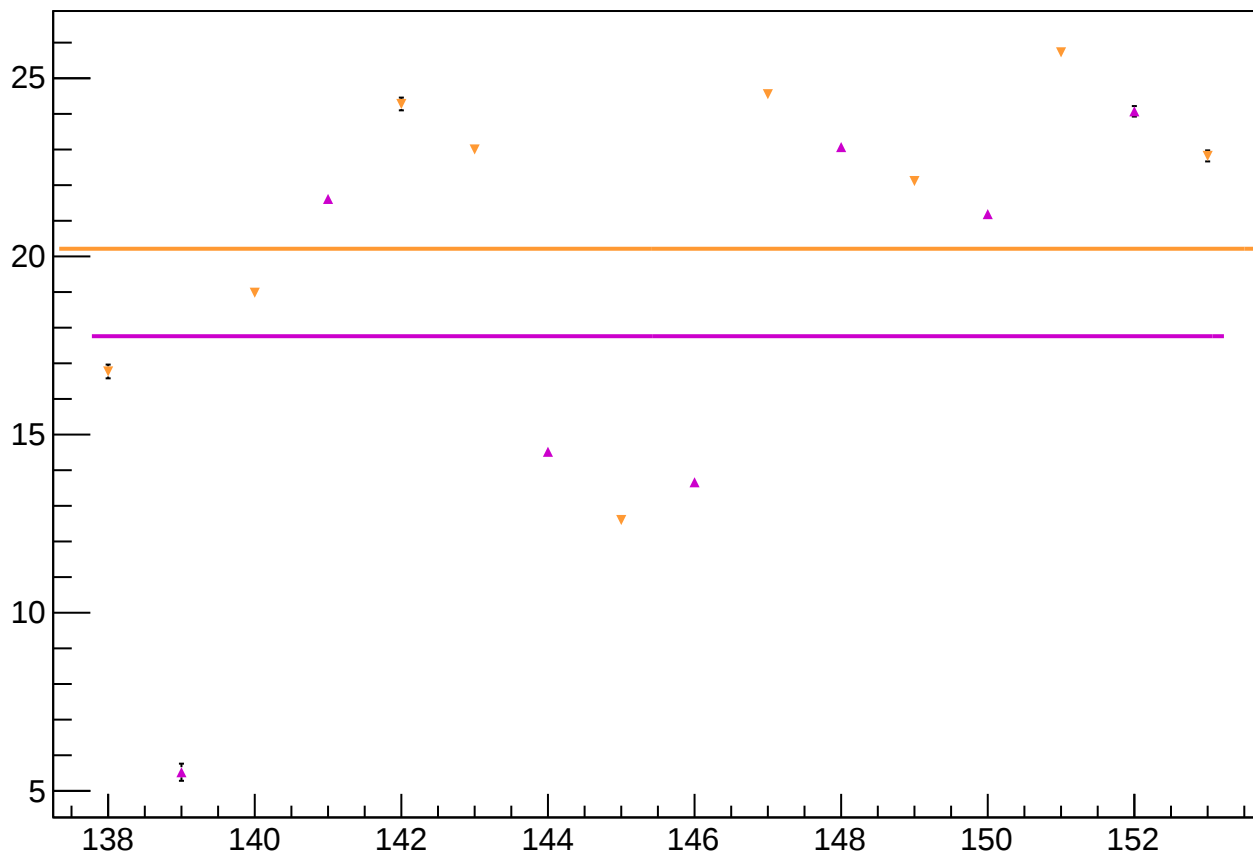
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.826+/-0.050 χ^2/NDF :2195.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.028+/-0.050 χ^2/NDF :1355.7/6

Left: -7.432+/-0.035 χ^2/NDF : 3839.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.028+/-0.050 χ^2/NDF :1355.7/6
 Out: -6.826+/-0.050 χ^2/NDF :2195.2/8

All: -7.432+/-0.035 χ^2/NDF : 3839.4/15

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 20.215 $\pm$ 0.042 χ^2 /NDF:12393.2/8

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 17.761 $\pm$ 0.043 χ^2 /NDF:11977.2/6

Left: 19.003 $\pm$ 0.030 χ^2 /NDF: 26033.9/15

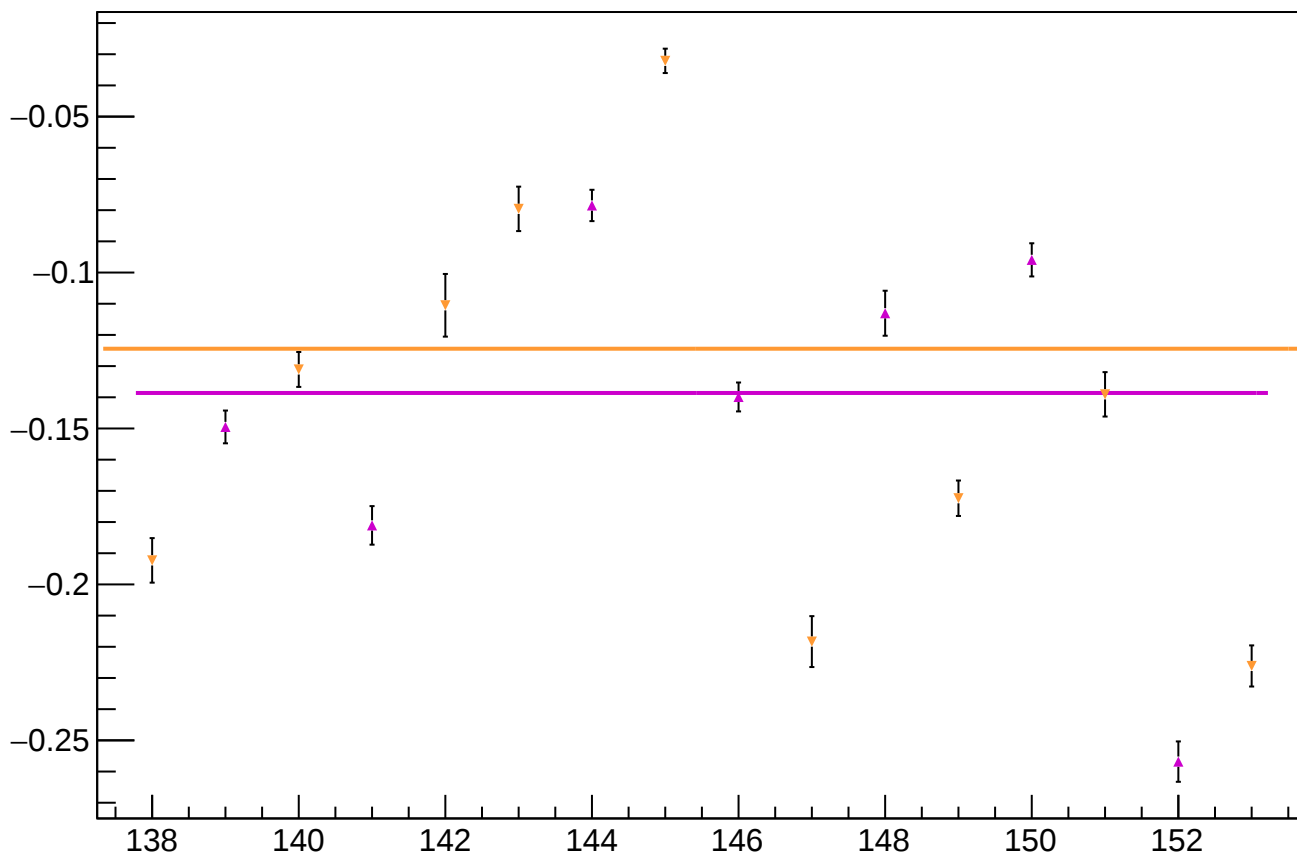
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 17.761 $\pm$ 0.043 χ^2 /NDF:11977.2/6

Out: 20.215 $\pm$ 0.042 χ^2 /NDF:12393.2/8

All: 19.003 $\pm$ 0.030 χ^2 /NDF: 26033.9/15

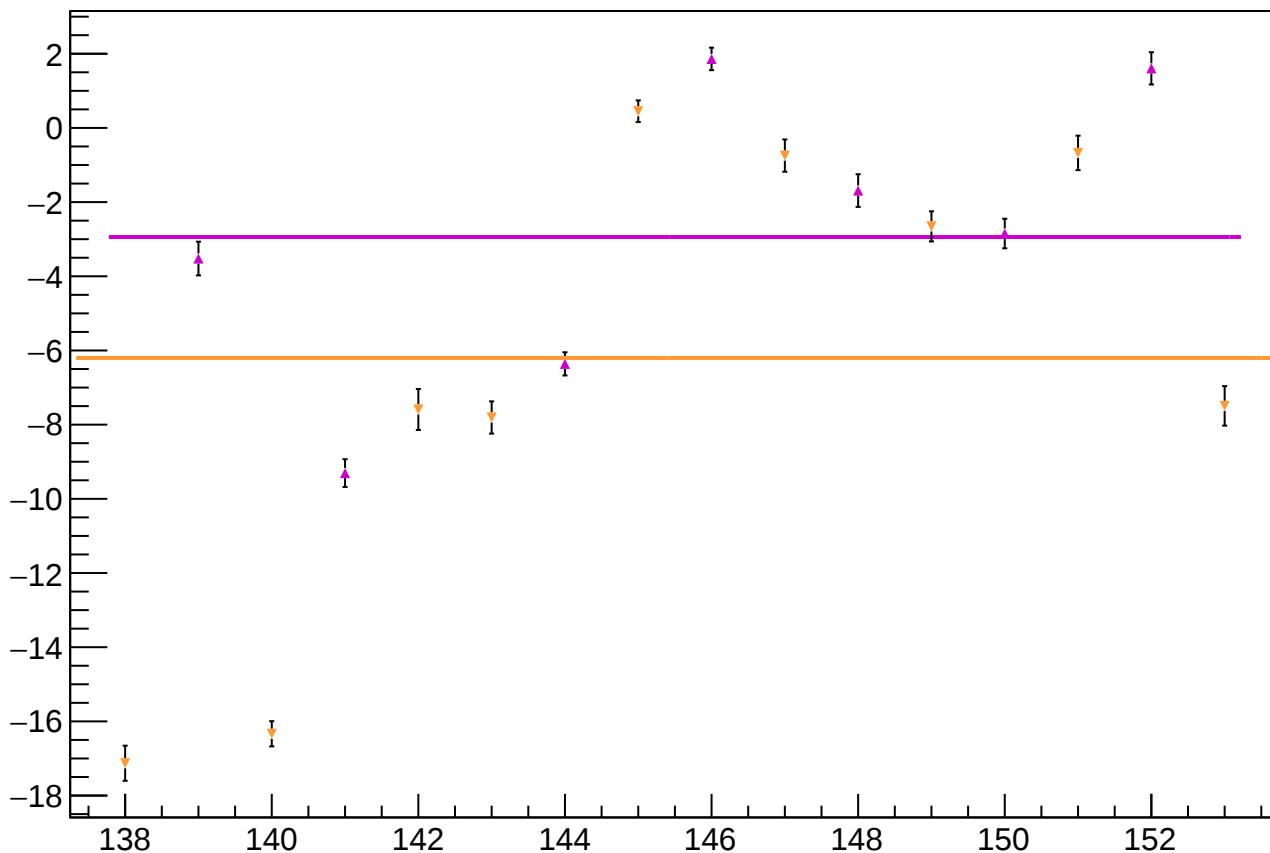
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.124+/-0.002 χ^2/NDF :1137.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.139+/-0.002 χ^2/NDF :605.4/6

Left: -0.131+/-0.001 χ^2/NDF : 1765.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.139+/-0.002 χ^2/NDF :605.4/6
 Out: -0.124+/-0.002 χ^2/NDF :1137.0/8
 All: -0.131+/-0.001 χ^2/NDF : 1765.7/15

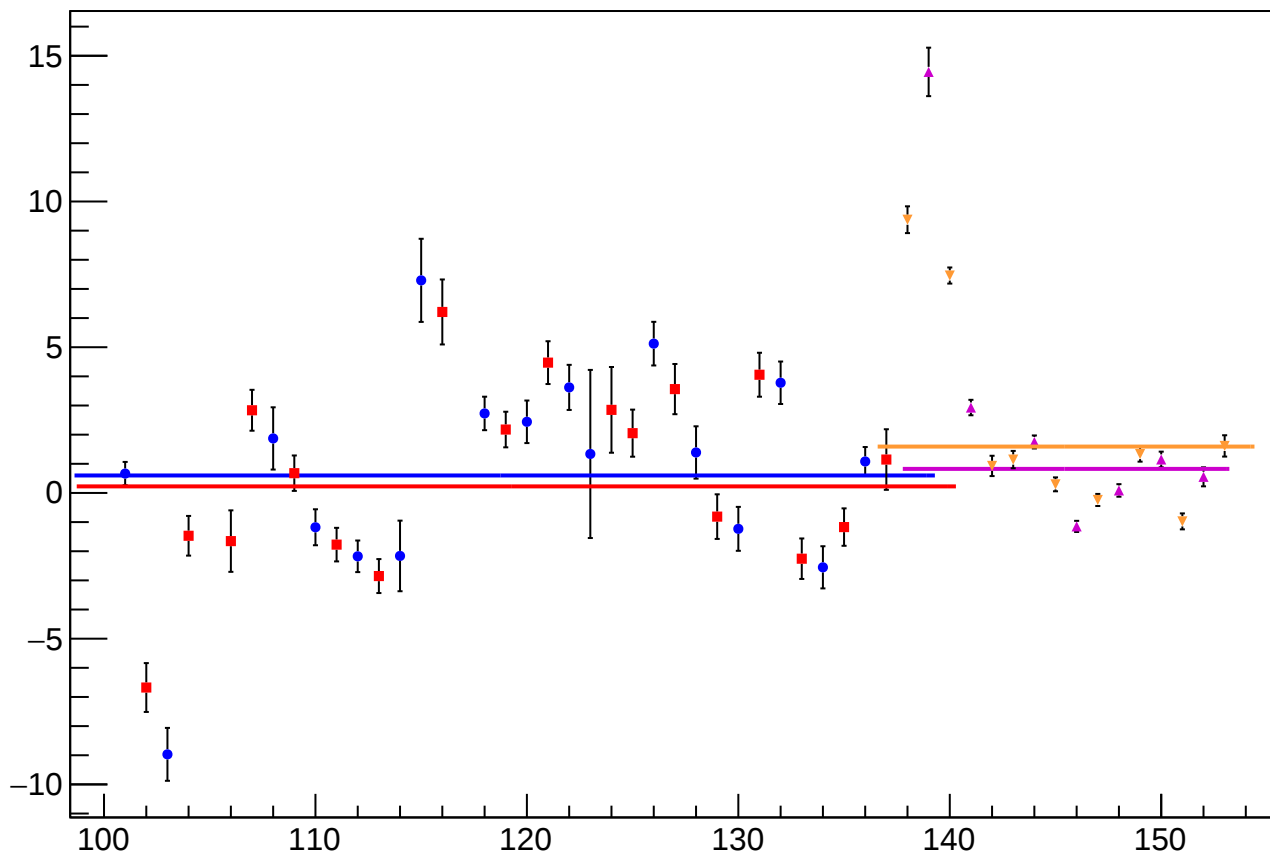
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.202+/-0.138 χ^2/NDF : 2340.2/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.941+/-0.142 χ^2/NDF : 778.7/6

Left: -4.620+/-0.099 χ^2/NDF : 3391.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.941+/-0.142 χ^2/NDF : 778.7/6
 Out: -6.202+/-0.138 χ^2/NDF : 2340.2/8
 All: -4.620+/-0.099 χ^2/NDF : 3391.6/15

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 $\pm$ 0.169 χ^2/NDF : 291.9/16

Left Out: 1.591 $\pm$ 0.094 χ^2/NDF :940.7/8

Right Out: 0.225 $\pm$ 0.175 χ^2/NDF : 273.2/17

Left In: 0.826 $\pm$ 0.096 χ^2/NDF :469.1/6

Left: 1.218 $\pm$ 0.067 χ^2/NDF : 1442.3/15

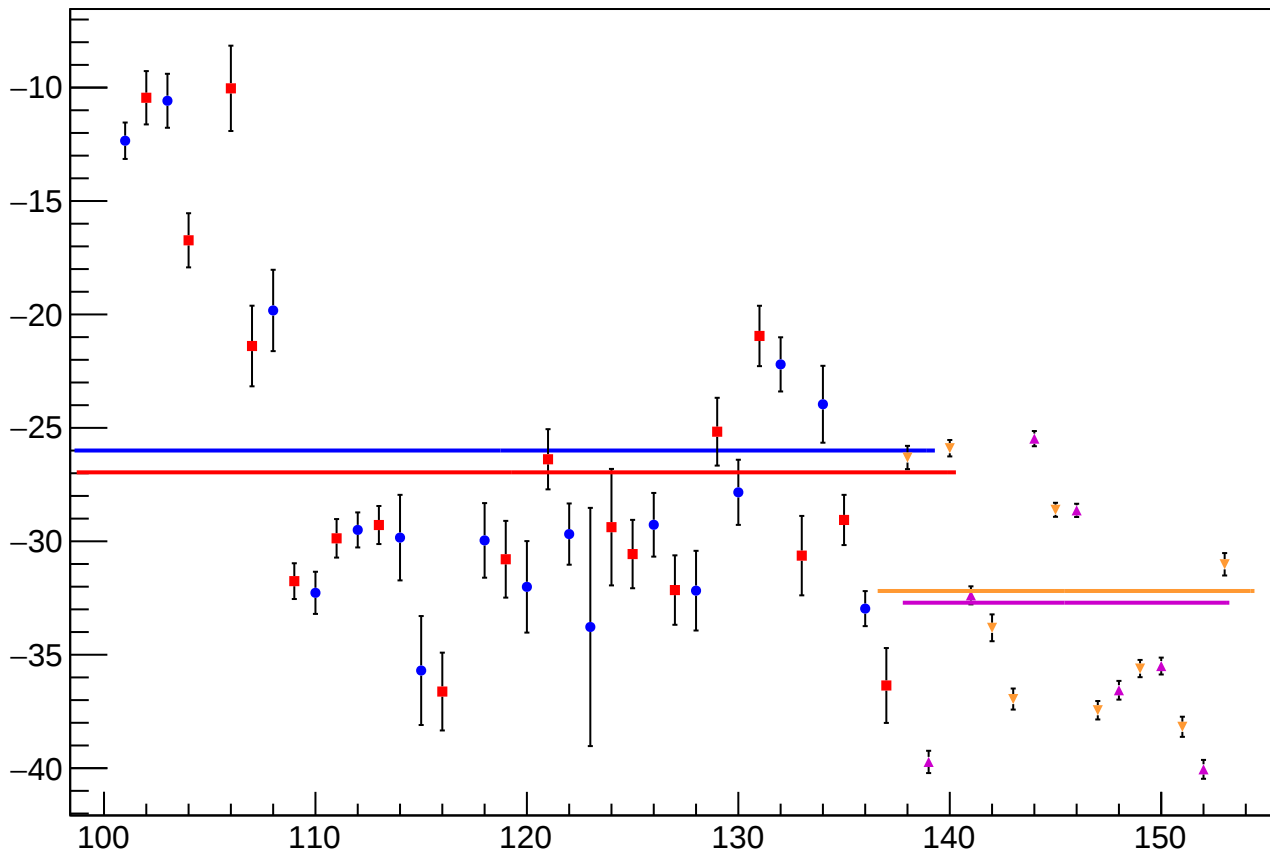
Right: 0.418 $\pm$ 0.122 χ^2/NDF : 567.5/34

In: 0.770 $\pm$ 0.084 χ^2/NDF :762.4/23

Out: 1.286 $\pm$ 0.083 χ^2/NDF :1261.3/26

All: 1.031 $\pm$ 0.059 χ^2/NDF : 2042.9/50

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: -32.190 ± 0.139 χ^2/NDF : 1115.8/8

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.707 ± 0.141 χ^2/NDF : 1319.8/6

Left: -32.444 ± 0.099 χ^2/NDF : 2442.4/15

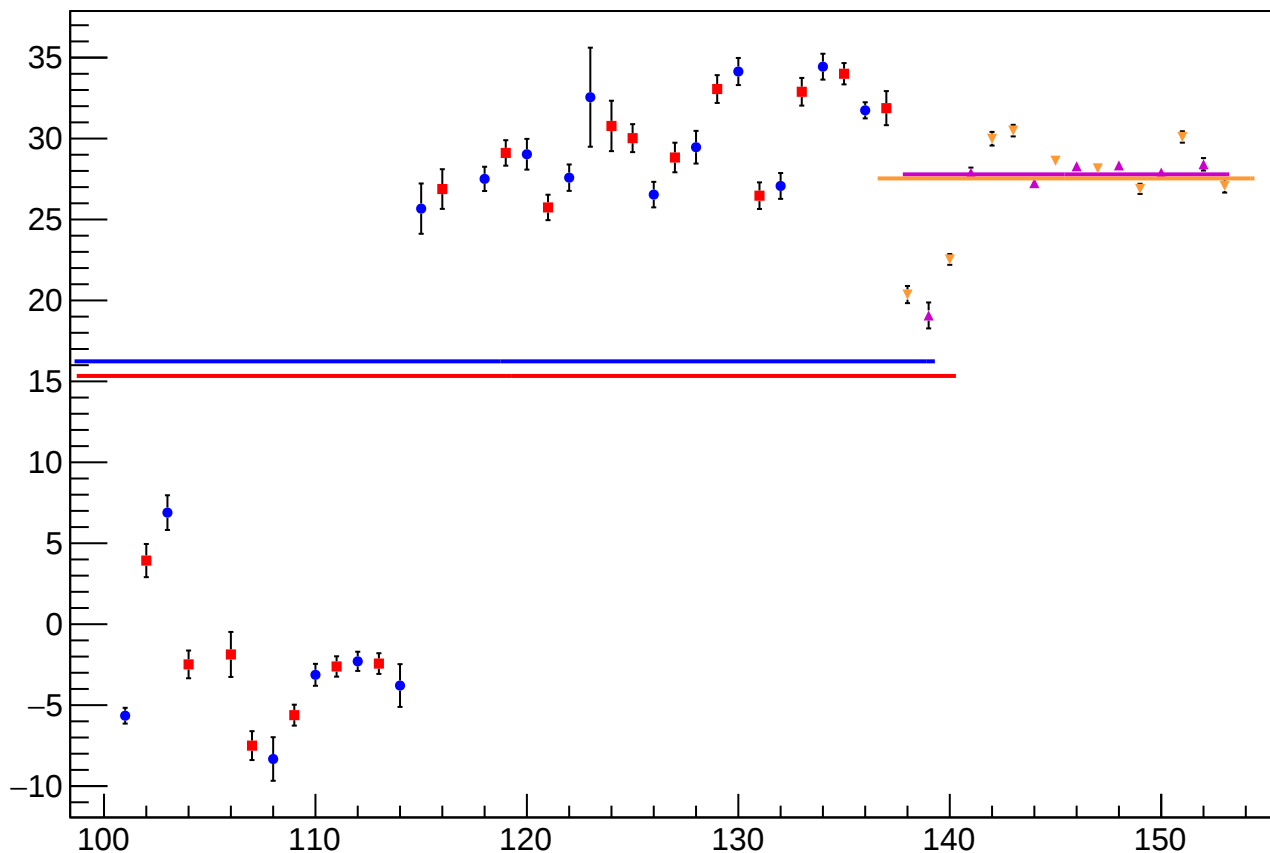
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.487 ± 0.128 χ^2/NDF : 2421.3/23

Out: -31.253 ± 0.126 χ^2/NDF : 1903.6/26

All: -31.369 ± 0.090 χ^2/NDF : 4326.6/50

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: 27.537 $\pm$ 0.115 χ^2 /NDF:588.0/8

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.787 $\pm$ 0.118 χ^2 /NDF:133.0/6

Left: 27.658 $\pm$ 0.083 χ^2 /NDF: 723.3/15

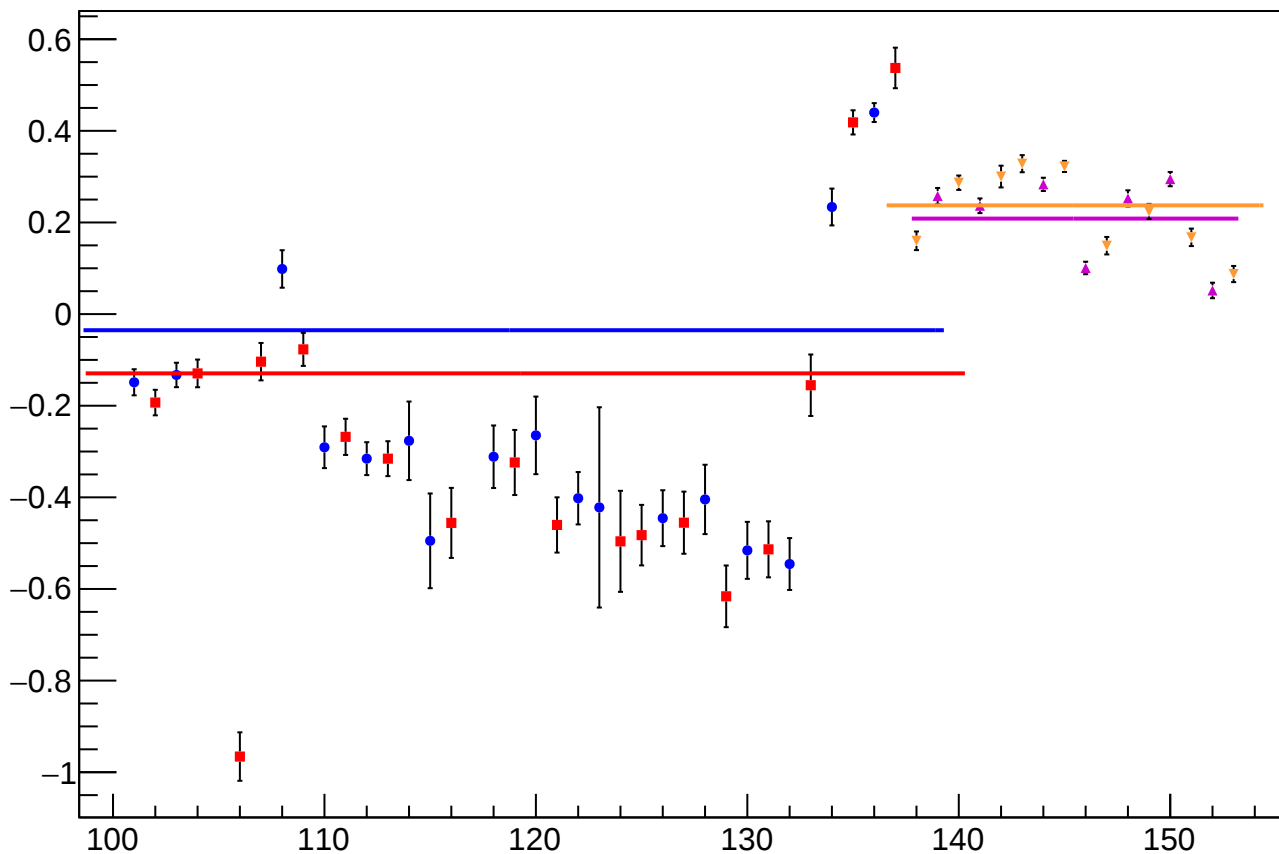
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 24.589 $\pm$ 0.101 χ^2 /NDF:10346.5/23

Out: 24.433 $\pm$ 0.099 χ^2 /NDF:10703.6/26

All: 24.510 $\pm$ 0.071 χ^2 /NDF: 21051.3/50

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: 0.237 ± 0.006 χ^2/NDF : 211.3/8

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.208 ± 0.006 χ^2/NDF : 222.1/6

Left: 0.223 ± 0.004 χ^2/NDF : 445.6/15

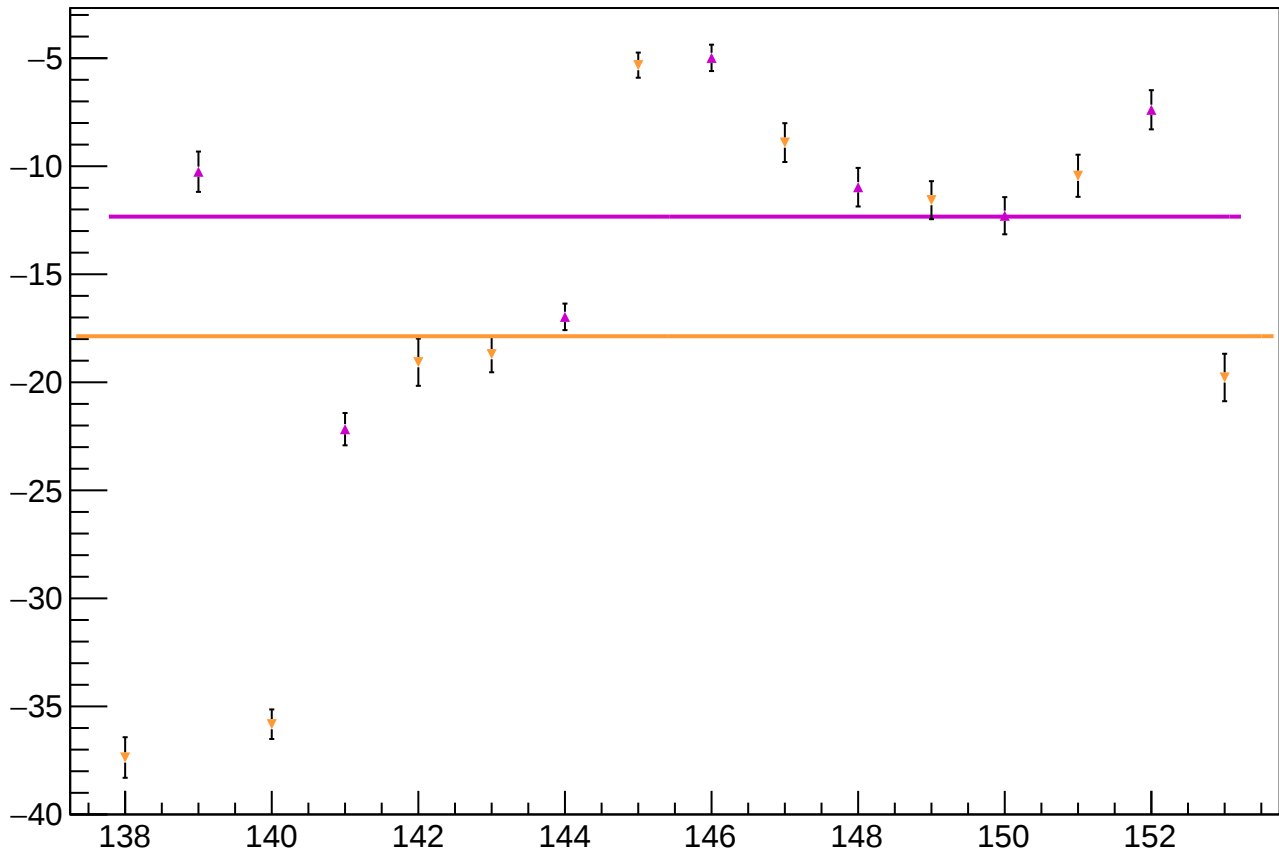
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.147 ± 0.005 χ^2/NDF : 1653.1/23

Out: 0.151 ± 0.005 χ^2/NDF : 2326.4/26

All: 0.149 ± 0.004 χ^2/NDF : 3979.9/50

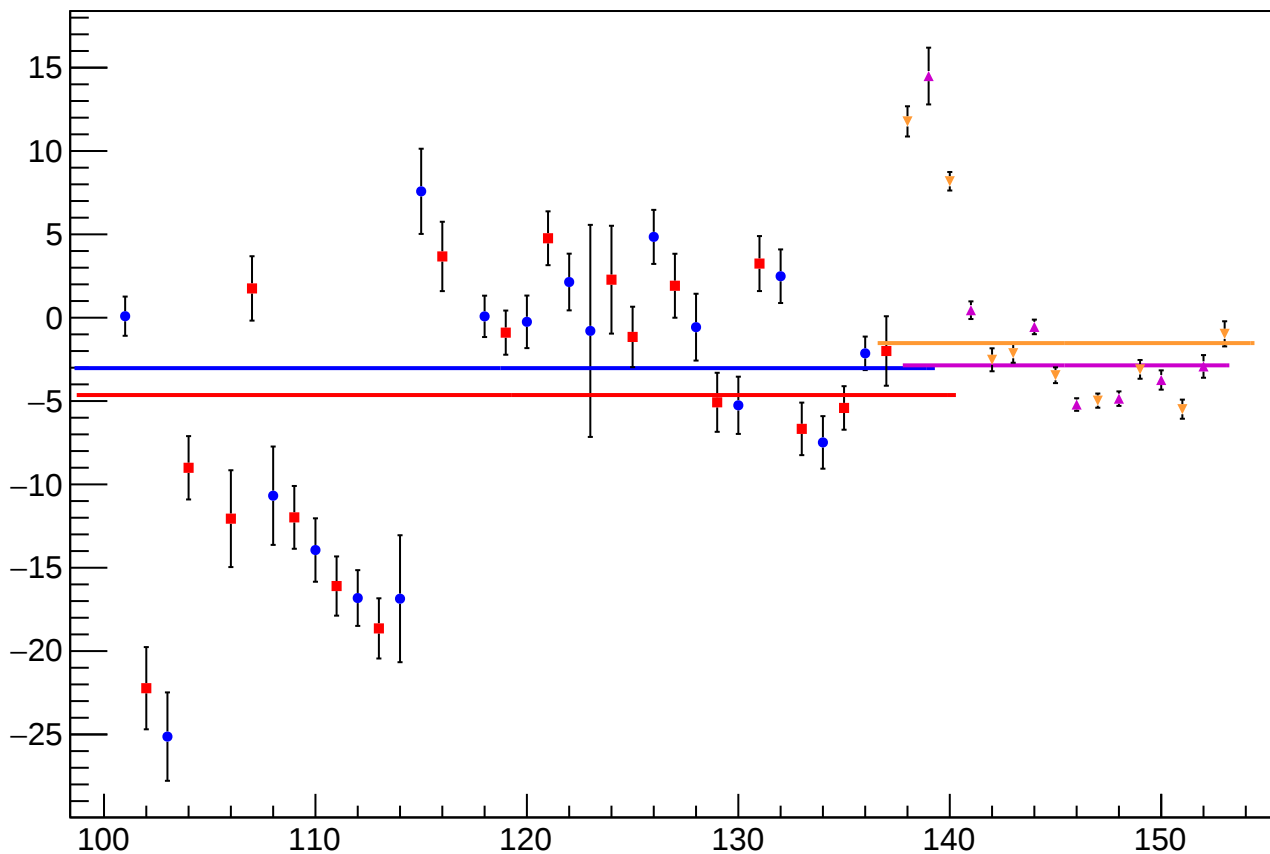
reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.868+/-0.278 χ^2/NDF :1797.7/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.333+/-0.288 χ^2/NDF :411.7/6

Left: -15.190+/-0.200 χ^2/NDF : 2400.6/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -12.333+/-0.288 χ^2/NDF :411.7/6
 Out: -17.868+/-0.278 χ^2/NDF :1797.7/8
 All: -15.190+/-0.200 χ^2/NDF : 2400.6/15

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: -1.523 ± 0.190 χ^2/NDF : 662.6/8

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.859 ± 0.194 χ^2/NDF : 232.8/6

Left: -2.179 ± 0.136 χ^2/NDF : 919.6/15

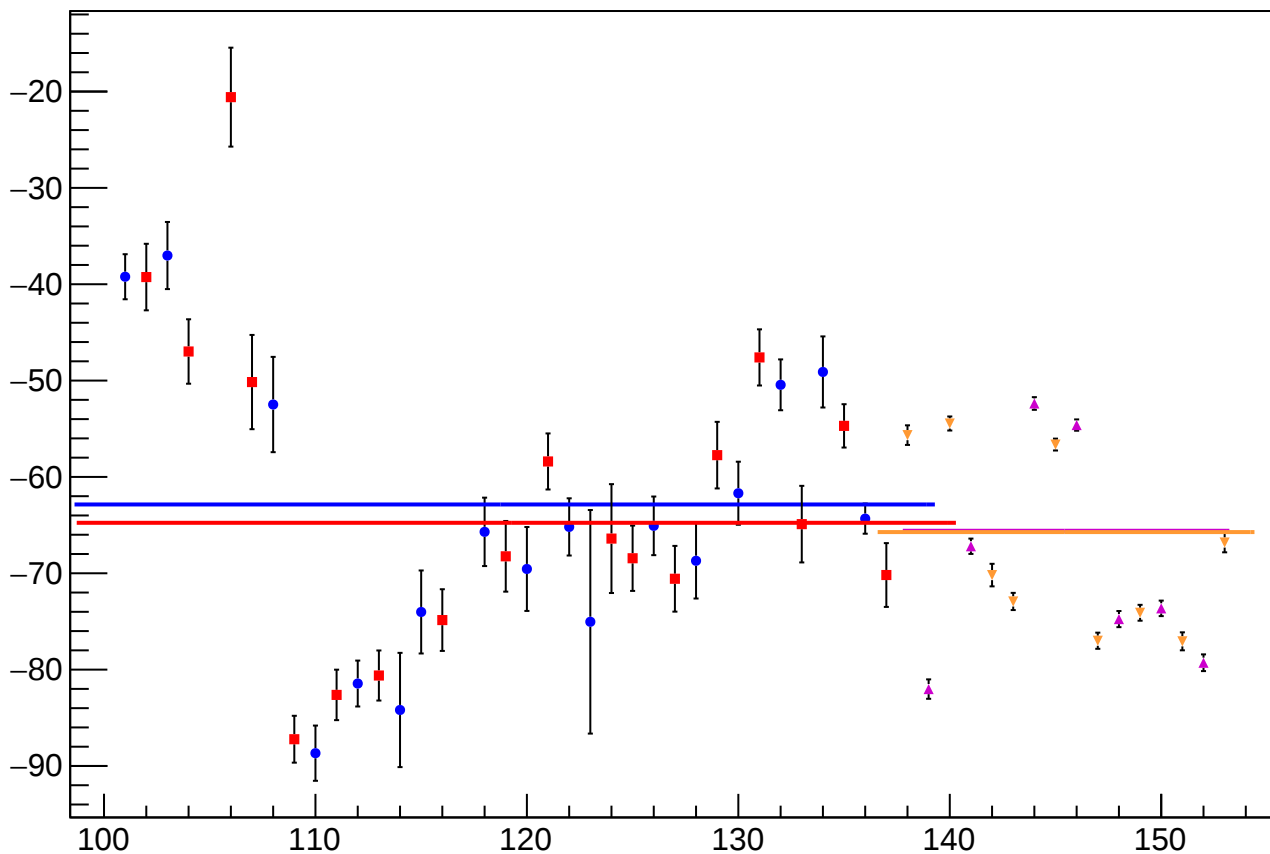
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.890 ± 0.175 χ^2/NDF : 513.6/23

Out: -2.041 ± 0.174 χ^2/NDF : 1002.0/26

All: -2.462 ± 0.123 χ^2/NDF : 1527.4/50

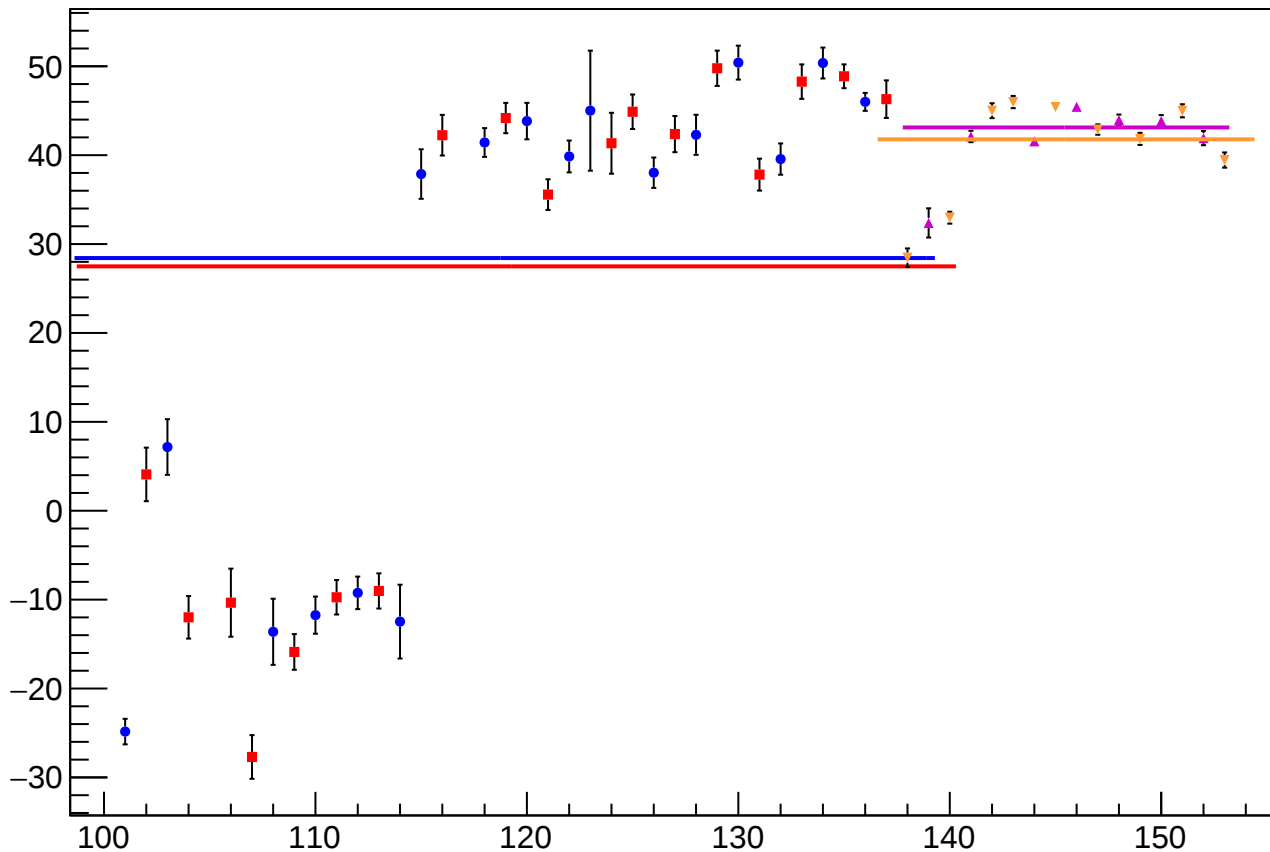
reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 $\pm$ 0.739 χ^2 /NDF: 367.7/16
 Left Out: -65.724 $\pm$ 0.283 χ^2 /NDF:1066.2/8
 Right Out: -64.761 $\pm$ 0.753 χ^2 /NDF: 416.1/17
 Left In: -65.589 $\pm$ 0.288 χ^2 /NDF:1491.8/6

Left: -65.657 $\pm$ 0.202 χ^2 /NDF: 2558.1/15
 Right: -63.792 $\pm$ 0.527 χ^2 /NDF: 787.1/34
 In: -65.229 $\pm$ 0.268 χ^2 /NDF:1871.4/23
 Out: -65.604 $\pm$ 0.265 χ^2 /NDF:1483.7/26
 All: -65.419 $\pm$ 0.188 χ^2 /NDF: 3356.1/50

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: 41.782 $\pm$ 0.234 χ^2 /NDF: 459.8/8

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 43.118 $\pm$ 0.240 χ^2 /NDF: 83.5/6

Left: 42.434 $\pm$ 0.167 χ^2 /NDF: 559.2/15

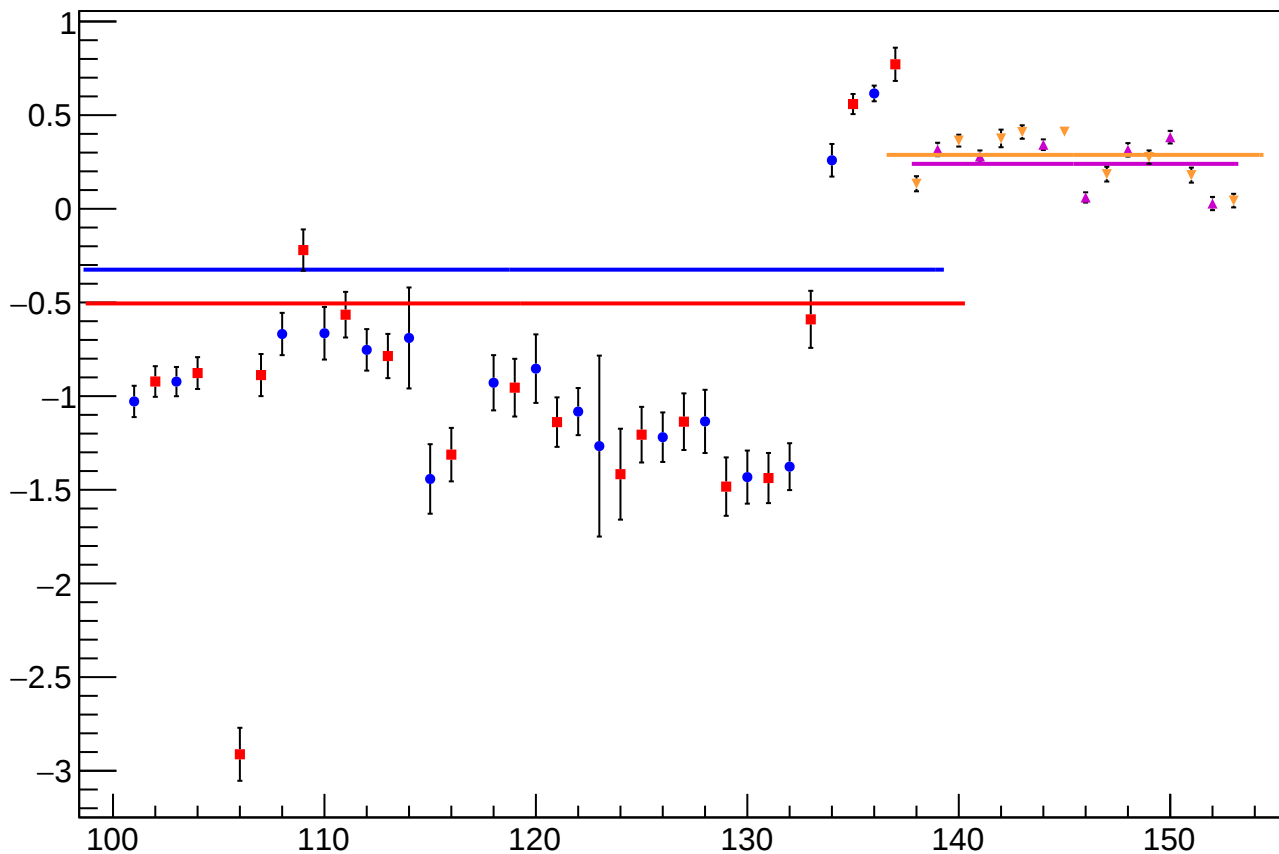
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 39.958 $\pm$ 0.212 χ^2 /NDF: 4214.4/23

Out: 39.030 $\pm$ 0.210 χ^2 /NDF: 4206.9/26

All: 39.489 $\pm$ 0.149 χ^2 /NDF: 8430.9/50

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: 0.288 ± 0.012 χ^2/NDF : 120.5/8

Right Out: -0.505 ± 0.026 χ^2/NDF : 1163.3/17

Left In: 0.240 ± 0.012 χ^2/NDF : 119.8/6

Left: 0.265 ± 0.008 χ^2/NDF : 248.4/15

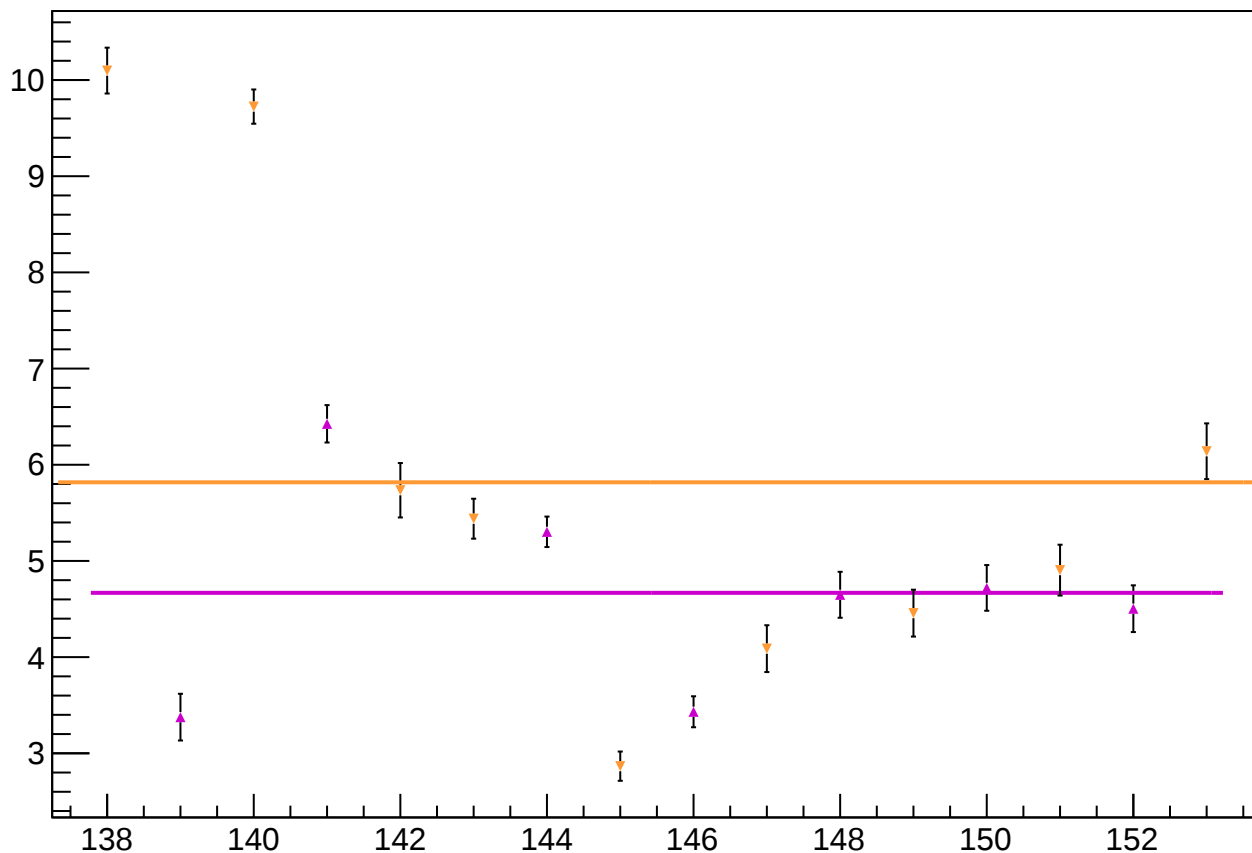
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.131 ± 0.011 χ^2/NDF : 1546.5/23

Out: 0.153 ± 0.011 χ^2/NDF : 2069.6/26

All: 0.142 ± 0.008 χ^2/NDF : 3618.1/50

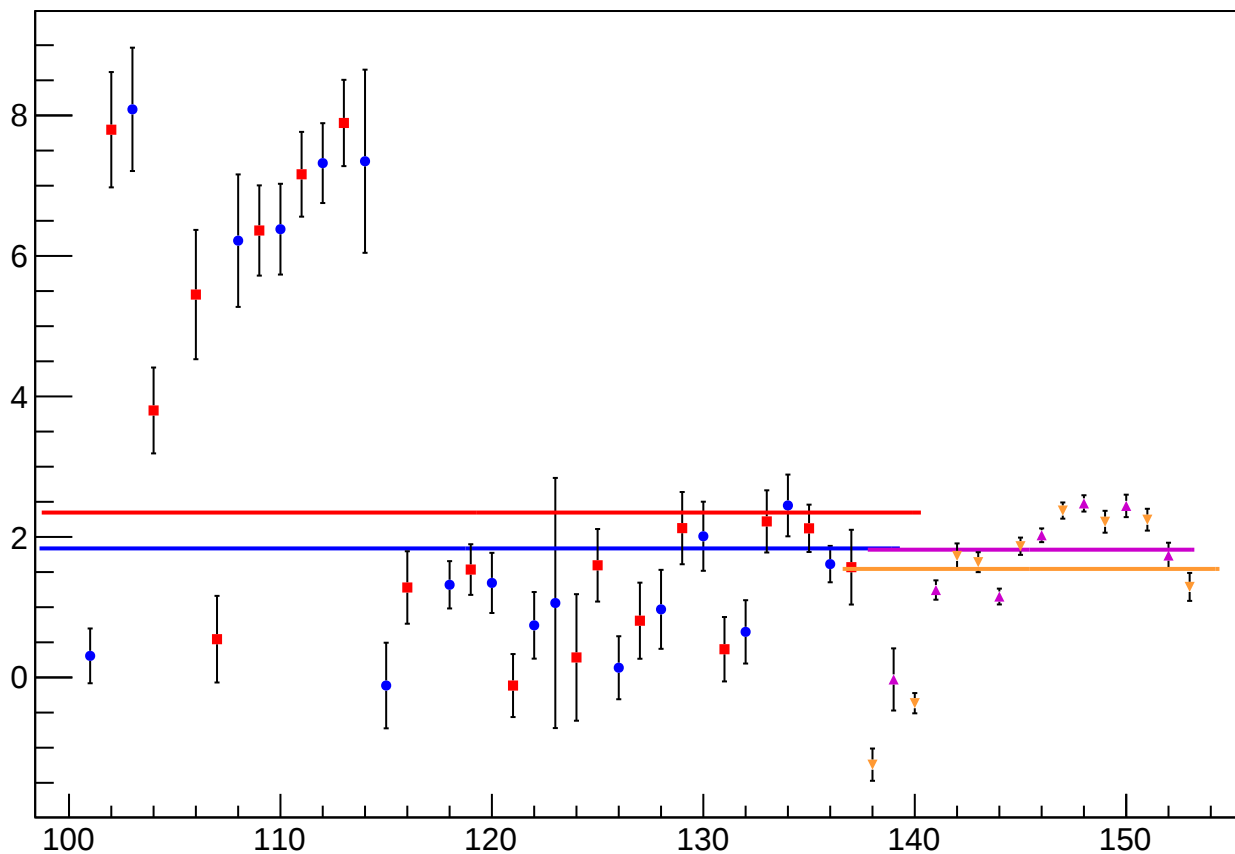
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.668+/-0.076 χ^2/NDF :185.5/6

Left: 5.265+/-0.053 χ^2/NDF : 1583.4/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.668+/-0.076 χ^2/NDF :185.5/6
 Out: 5.817+/-0.073 χ^2/NDF :1278.6/8
 All: 5.265+/-0.053 χ^2/NDF : 1583.4/15

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: 1.545 ± 0.050 χ^2/NDF : 423.8/8

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.819 ± 0.051 χ^2/NDF : 121.8/6

Left: 1.679 ± 0.036 χ^2/NDF : 560.2/15

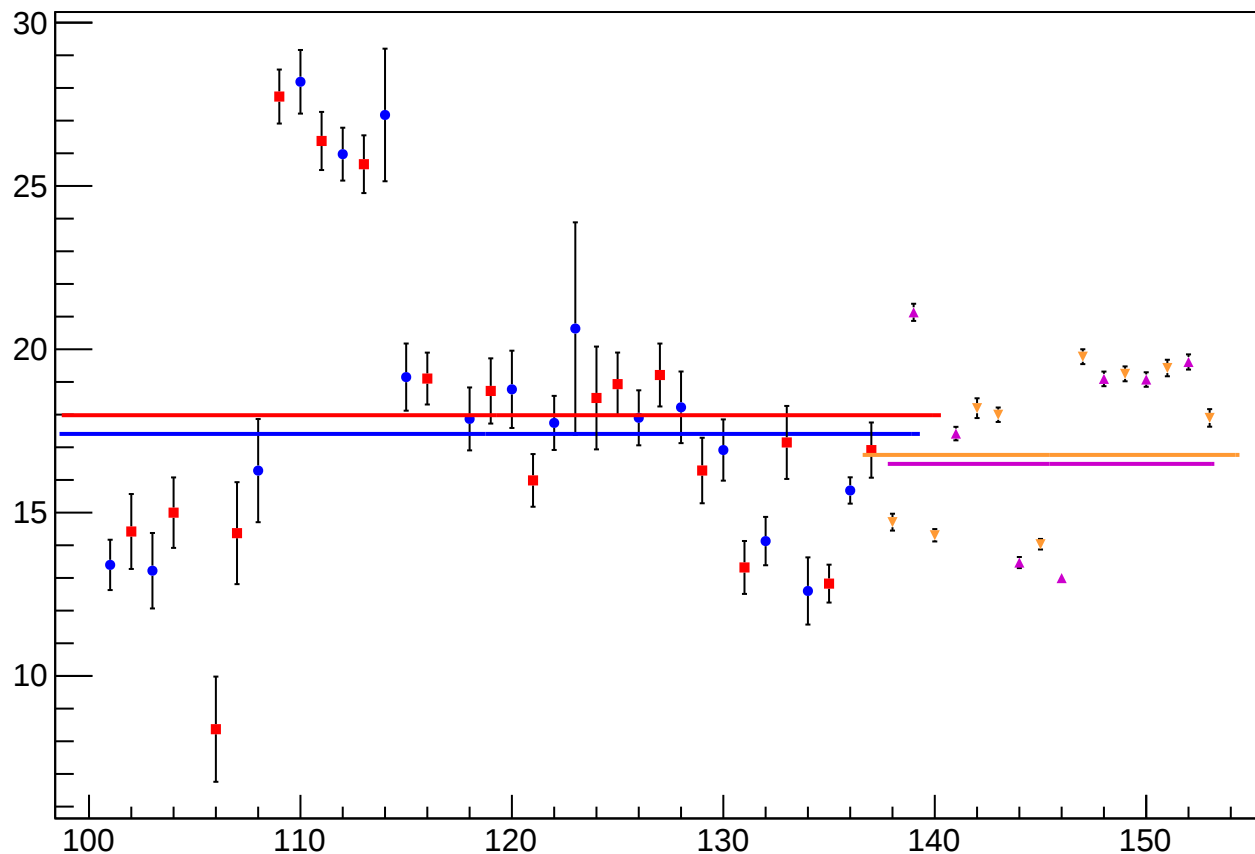
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.822 ± 0.047 χ^2/NDF : 415.9/23

Out: 1.660 ± 0.046 χ^2/NDF : 790.3/26

All: 1.740 ± 0.033 χ^2/NDF : 1212.2/50

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.409 $\pm$ 0.212 χ^2 /NDF: 365.1/16

Left Out: 16.767 $\pm$ 0.074 χ^2 /NDF:993.1/8

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.492 $\pm$ 0.076 χ^2 /NDF:1610.7/6

Left: 16.632 $\pm$ 0.053 χ^2 /NDF: 2610.4/15

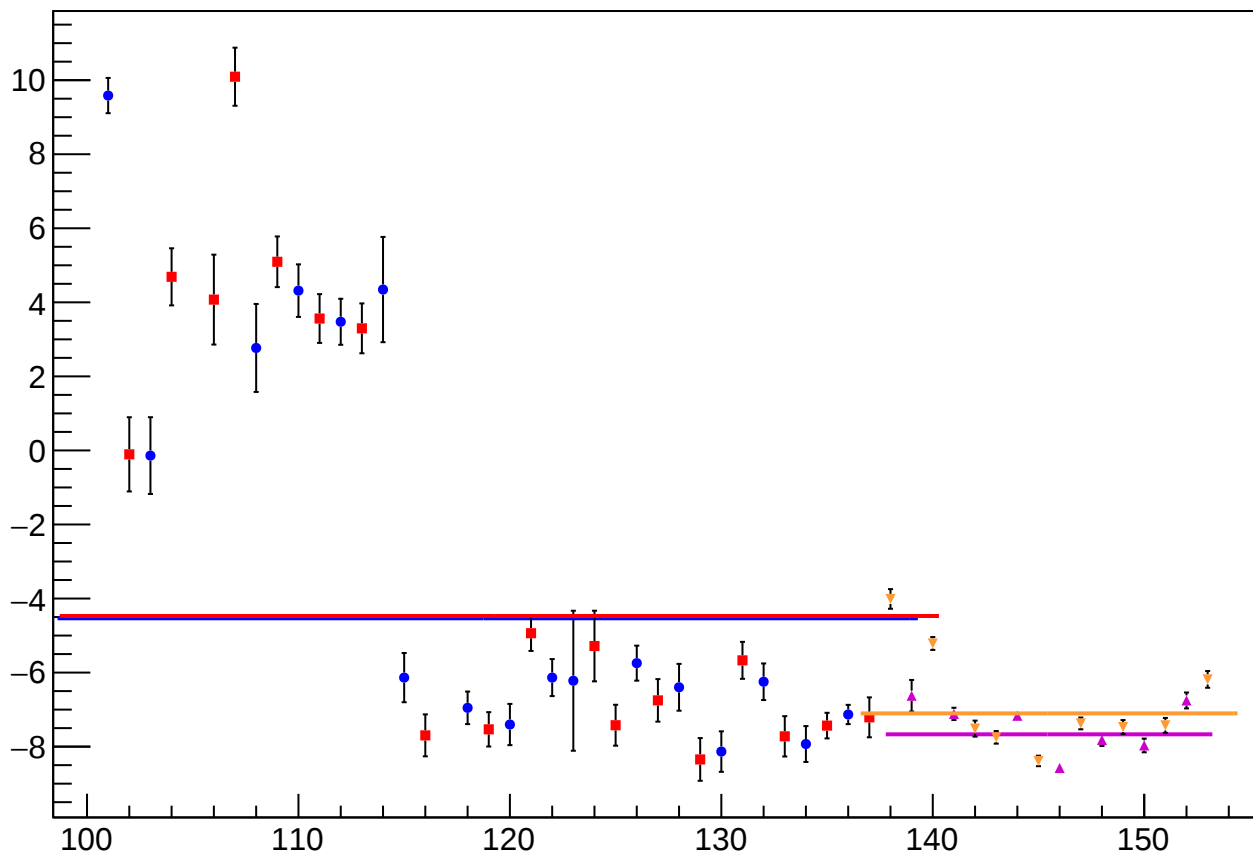
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.596 $\pm$ 0.072 χ^2 /NDF:1992.4/23

Out: 16.892 $\pm$ 0.070 χ^2 /NDF:1511.3/26

All: 16.746 $\pm$ 0.050 χ^2 /NDF: 3512.4/50

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 $\chi^2/\text{NDF}: 1588.4/16$

Left Out: -7.102 ± 0.061 $\chi^2/\text{NDF}: 378.1/8$

Right Out: -4.471 ± 0.137 $\chi^2/\text{NDF}: 1339.3/17$

Left In: -7.668 ± 0.063 $\chi^2/\text{NDF}: 106.2/6$

Left: -7.377 ± 0.044 $\chi^2/\text{NDF}: 525.4/15$

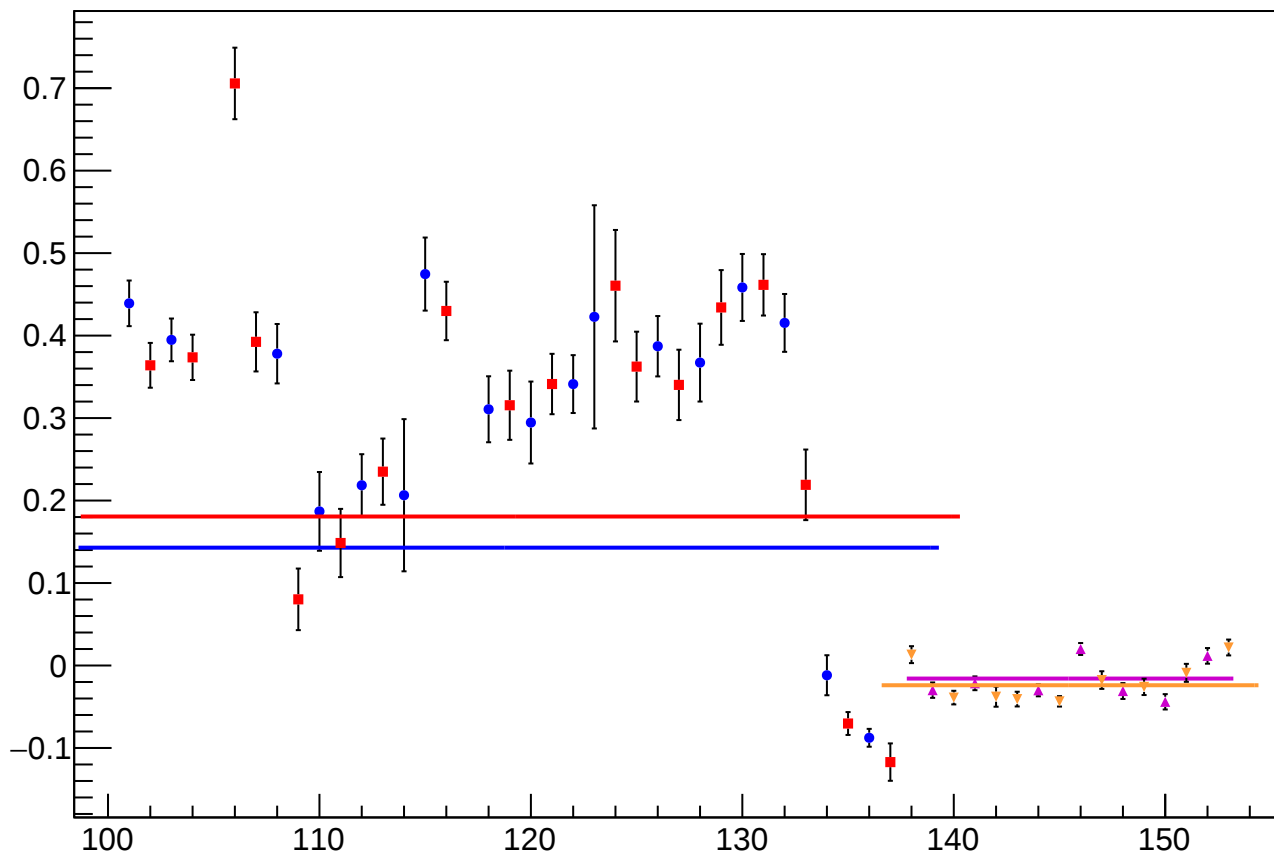
Right: -4.504 ± 0.094 $\chi^2/\text{NDF}: 2927.8/34$

In: -7.067 ± 0.057 $\chi^2/\text{NDF}: 2167.0/23$

Out: -6.660 ± 0.056 $\chi^2/\text{NDF}: 2024.7/26$

All: -6.861 ± 0.040 $\chi^2/\text{NDF}: 4217.6/50$

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 ± 0.007 $\chi^2/\text{NDF}: 1058.9/16$

Left Out: -0.024 ± 0.003 $\chi^2/\text{NDF}: 55.6/8$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.016 ± 0.003 $\chi^2/\text{NDF}: 51.3/6$

Left: -0.020 ± 0.002 $\chi^2/\text{NDF}: 110.2/15$

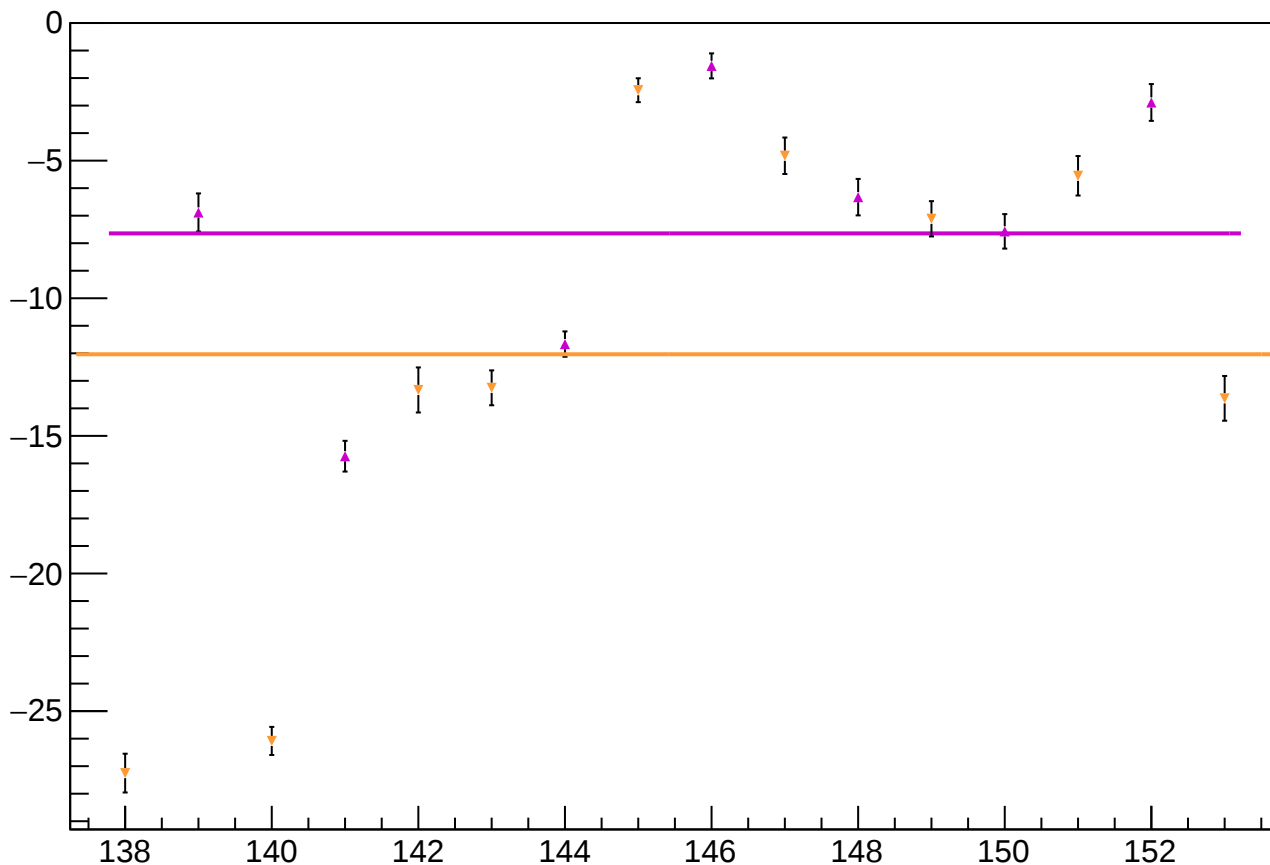
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.011 ± 0.003 $\chi^2/\text{NDF}: 1529.4/23$

Out: 0.006 ± 0.003 $\chi^2/\text{NDF}: 1711.2/26$

All: 0.009 ± 0.002 $\chi^2/\text{NDF}: 3242.4/50$

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -12.035+/-0.207 χ^2/NDF :1981.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.643+/-0.214 χ^2/NDF :521.3/6

Left: -9.907+/-0.149 χ^2/NDF : 2720.3/15

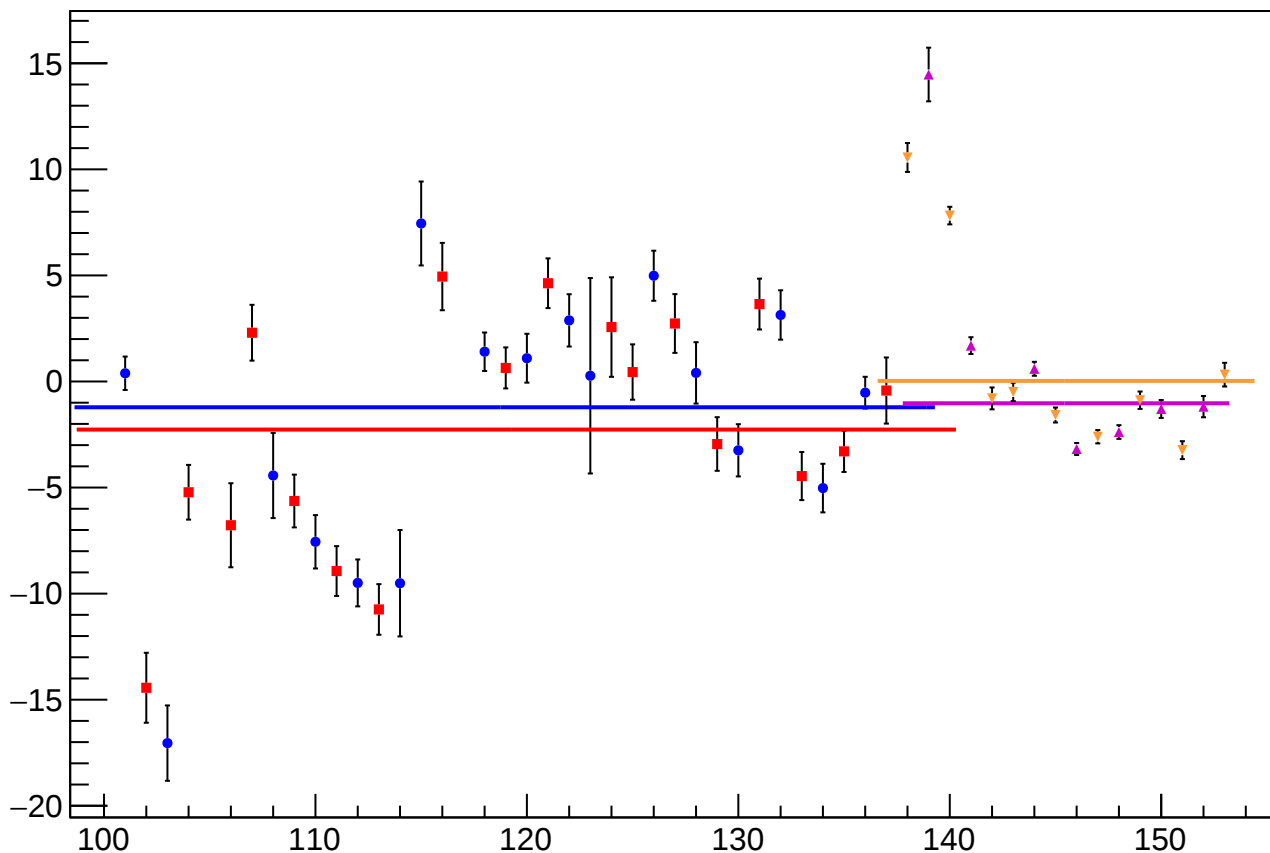
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -7.643+/-0.214 χ^2/NDF :521.3/6

Out: -12.035+/-0.207 χ^2/NDF :1981.2/8

All: -9.907+/-0.149 χ^2/NDF : 2720.3/15

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: 0.027 ± 0.141 $\chi^2/\text{NDF}: 752.9/8$

Right Out: -2.267 ± 0.302 $\chi^2/\text{NDF}: 283.9/17$

Left In: -1.027 ± 0.144 $\chi^2/\text{NDF}: 297.9/6$

Left: -0.489 ± 0.101 $\chi^2/\text{NDF}: 1078.0/15$

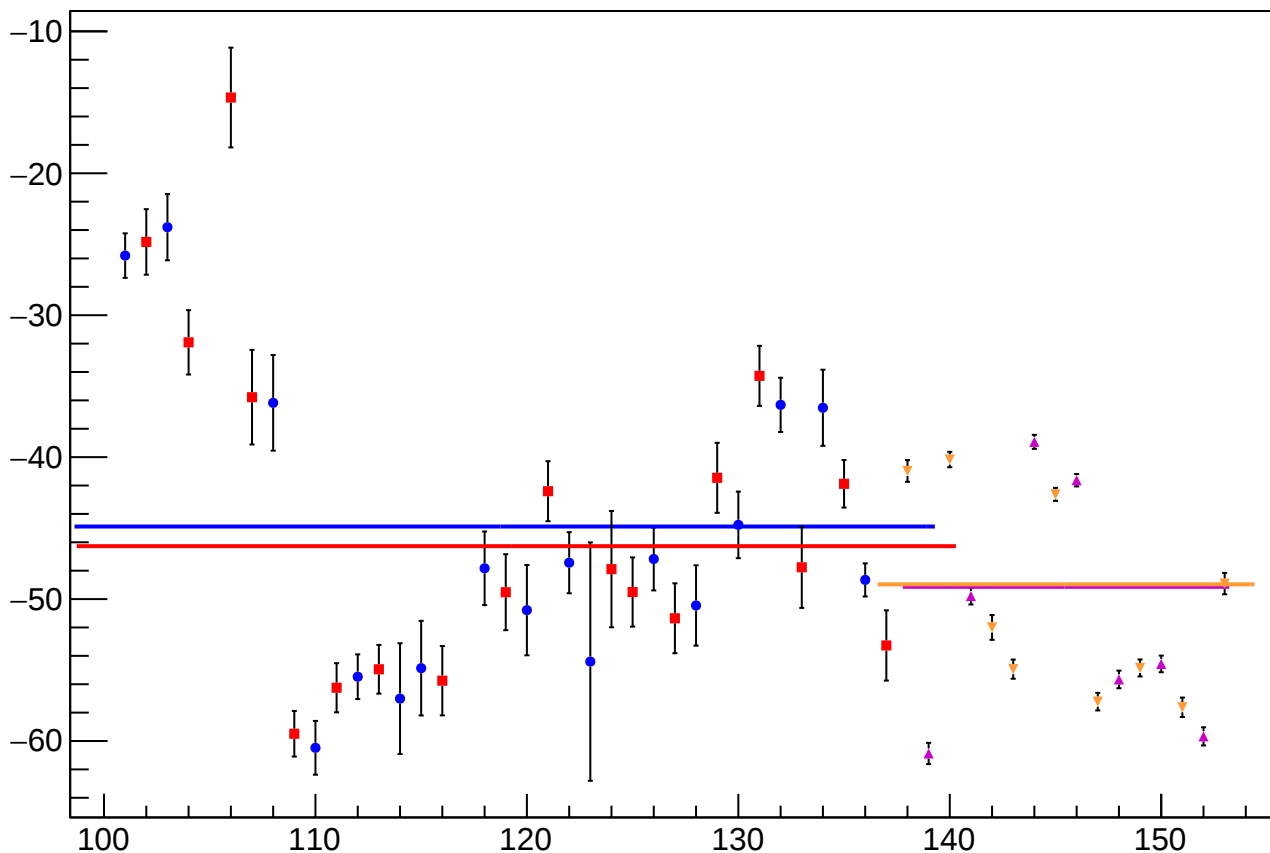
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -1.064 ± 0.129 $\chi^2/\text{NDF}: 577.0/23$

Out: -0.384 ± 0.128 $\chi^2/\text{NDF}: 1084.1/26$

All: -0.721 ± 0.091 $\chi^2/\text{NDF}: 1675.0/50$

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: -48.962 ± 0.210 χ^2/NDF : 1085.6/8

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.137 ± 0.214 χ^2/NDF : 1438.5/6

Left: -49.048 ± 0.150 χ^2/NDF : 2524.4/15

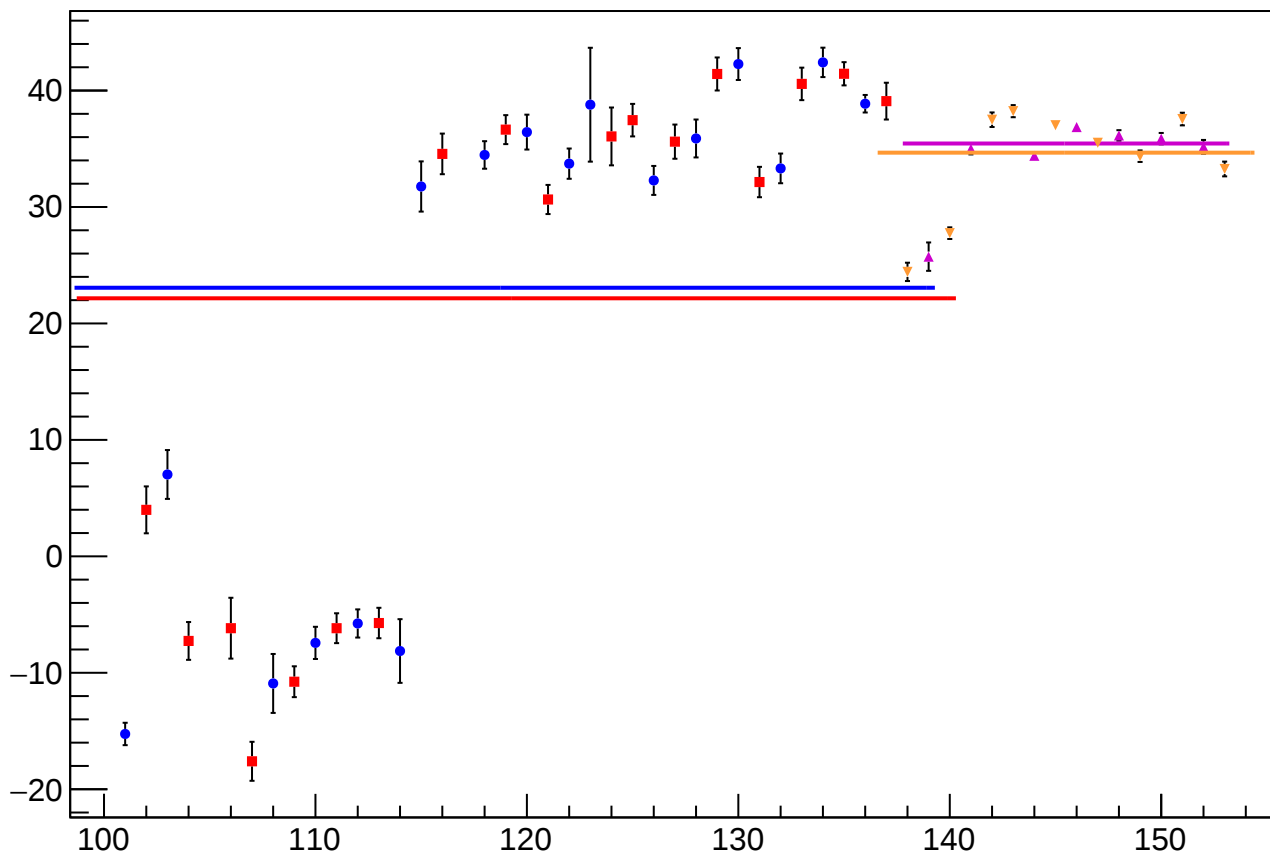
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.530 ± 0.198 χ^2/NDF : 1915.4/23

Out: -48.595 ± 0.196 χ^2/NDF : 1528.4/26

All: -48.563 ± 0.139 χ^2/NDF : 3443.8/50

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066+/-0.327 χ^2/NDF : 4333.5/16

Left Out: 34.666+/-0.174 χ^2/NDF :497.6/8

Right Out: 22.159+/-0.340 χ^2/NDF : 4025.5/17

Left In: 35.452+/-0.178 χ^2/NDF :90.9/6

Left: 35.049+/-0.124 χ^2/NDF : 598.4/15

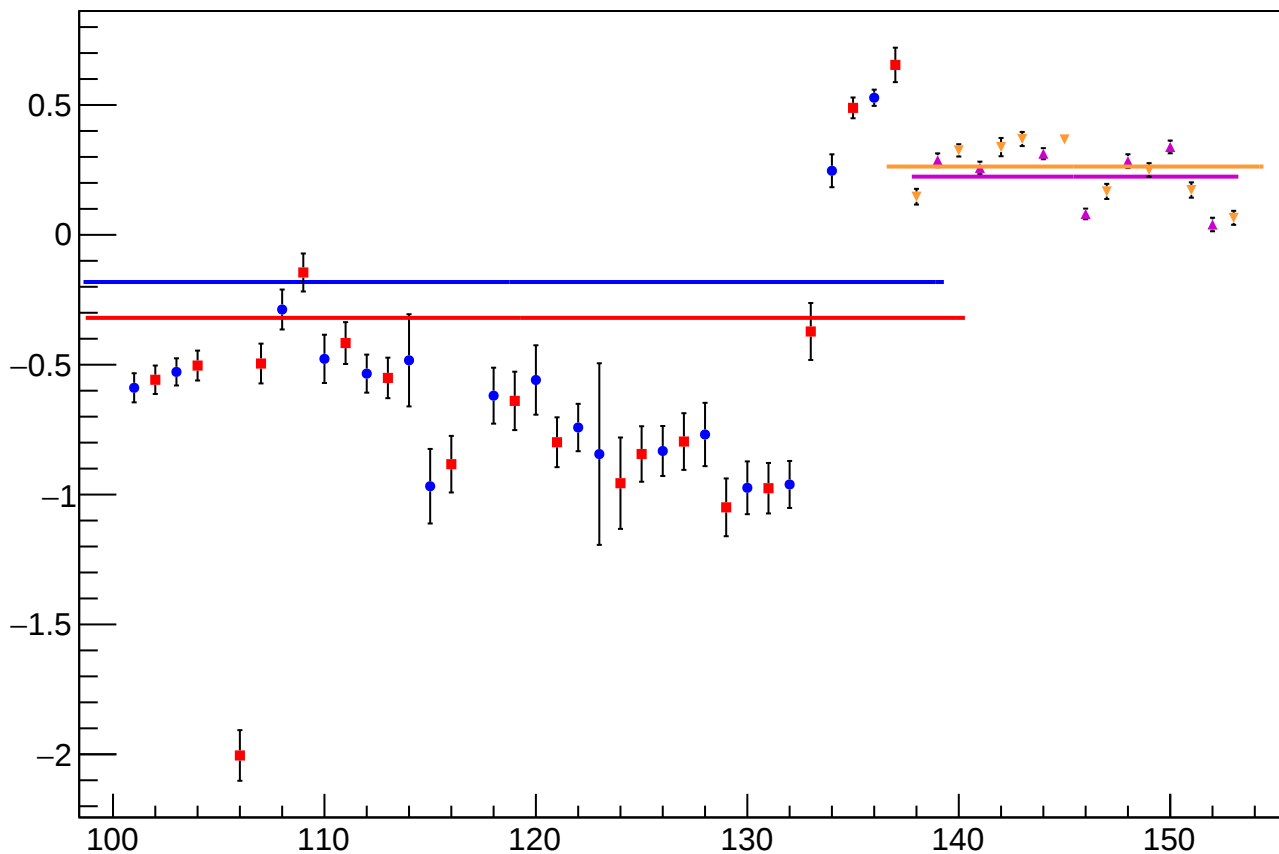
Right: 22.631+/-0.236 χ^2/NDF : 8362.7/34

In: 32.610+/-0.156 χ^2/NDF :5533.0/23

Out: 32.076+/-0.155 χ^2/NDF :5595.9/26

All: 32.340+/-0.110 χ^2/NDF : 11134.8/50

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: 0.263 ± 0.009 χ^2/NDF : 148.8/8

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.224 ± 0.009 χ^2/NDF : 150.7/6

Left: 0.244 ± 0.006 χ^2/NDF : 309.1/15

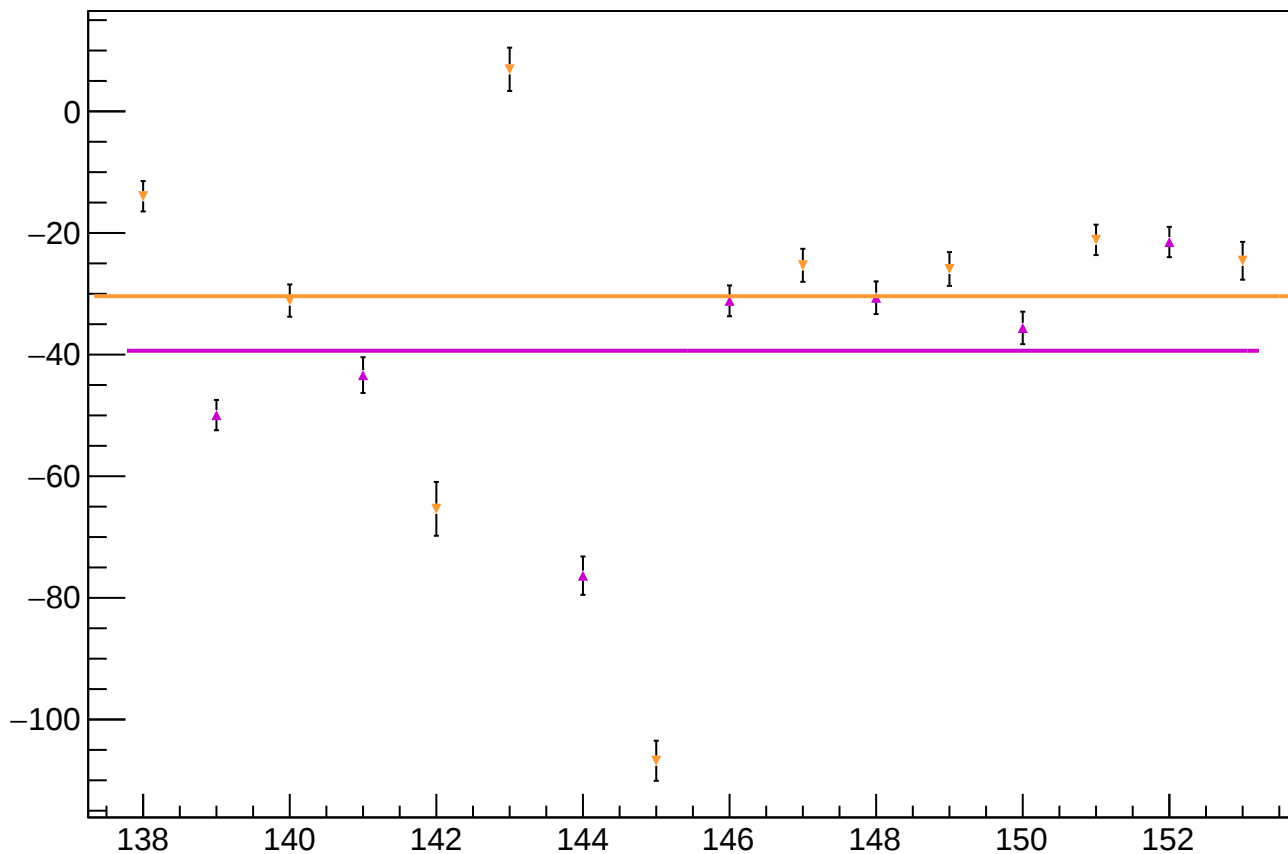
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.141 ± 0.008 χ^2/NDF : 1563.1/23

Out: 0.155 ± 0.008 χ^2/NDF : 2160.2/26

All: 0.148 ± 0.006 χ^2/NDF : 3724.9/50

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -30.391+/-0.975 χ^2/NDF :775.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -39.364+/-1.014 χ^2/NDF :231.9/6

Left: -34.700+/-0.703 χ^2/NDF : 1048.2/15

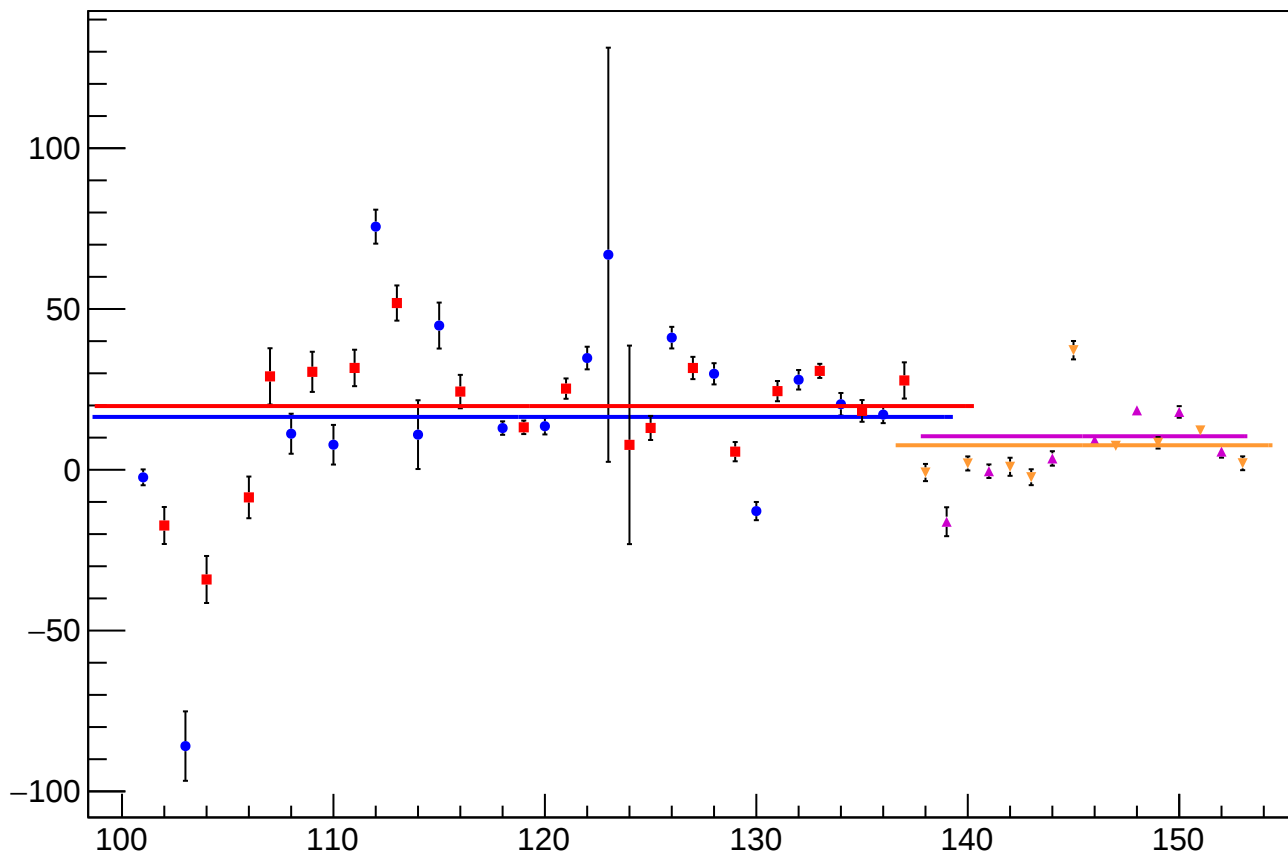
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -39.364+/-1.014 χ^2/NDF :231.9/6

Out: -30.391+/-0.975 χ^2/NDF :775.6/8

All: -34.700+/-0.703 χ^2/NDF : 1048.2/15

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 $\pm$ 0.849 χ^2 /NDF: 516.9/16

Left Out: 7.627 $\pm$ 0.647 χ^2 /NDF:163.2/8

Right Out: 19.813 $\pm$ 0.899 χ^2 /NDF: 238.5/17

Left In: 10.429 $\pm$ 0.690 χ^2 /NDF:133.6/6

Left: 8.937 $\pm$ 0.472 χ^2 /NDF: 305.5/15

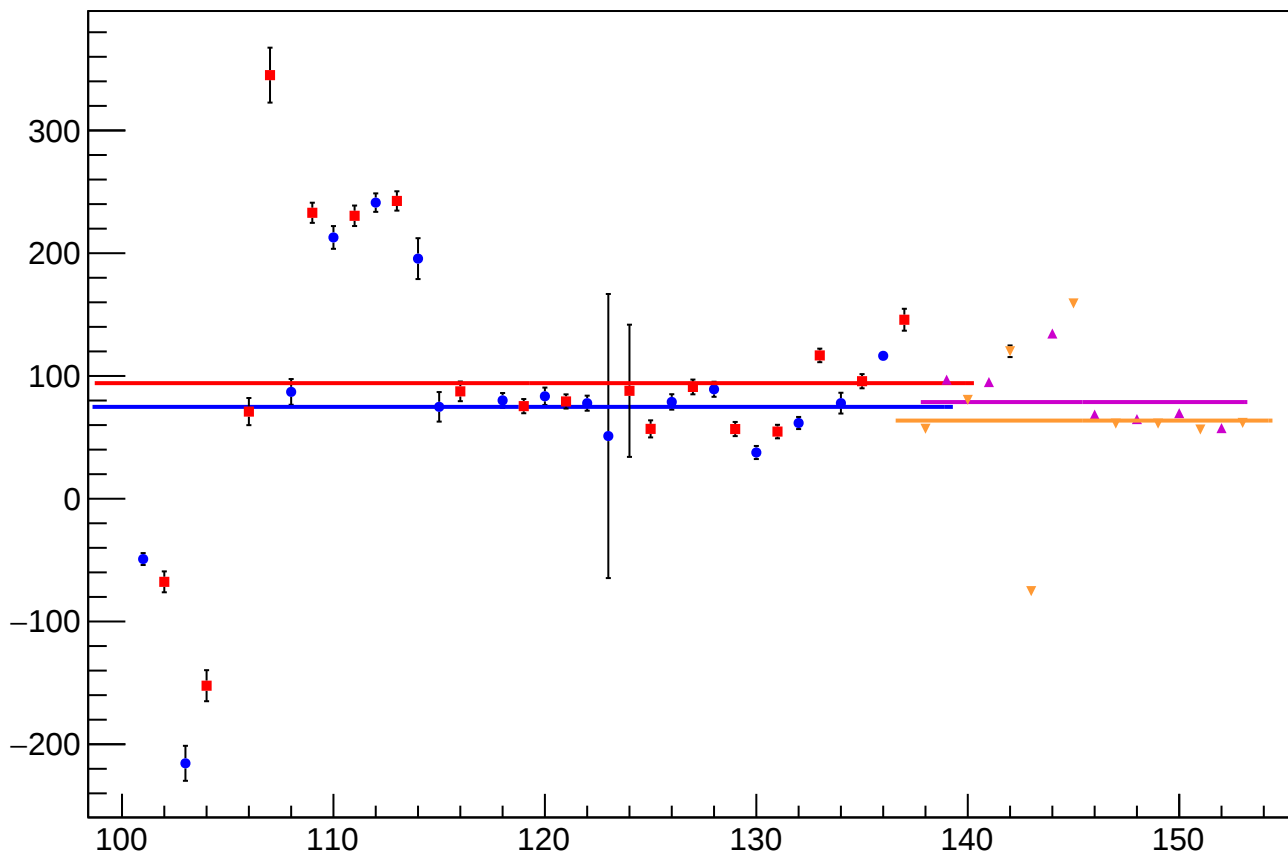
Right: 18.028 $\pm$ 0.617 χ^2 /NDF: 762.9/34

In: 12.821 $\pm$ 0.535 χ^2 /NDF:680.7/23

Out: 11.782 $\pm$ 0.525 χ^2 /NDF:522.7/26

All: 12.291 $\pm$ 0.375 χ^2 /NDF: 1205.4/50

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.663 $\pm$ 0.972 χ^2 /NDF:2307.2/8

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 78.746 $\pm$ 1.005 χ^2 /NDF:487.3/6

Left: 70.955 $\pm$ 0.699 χ^2 /NDF: 2910.9/15

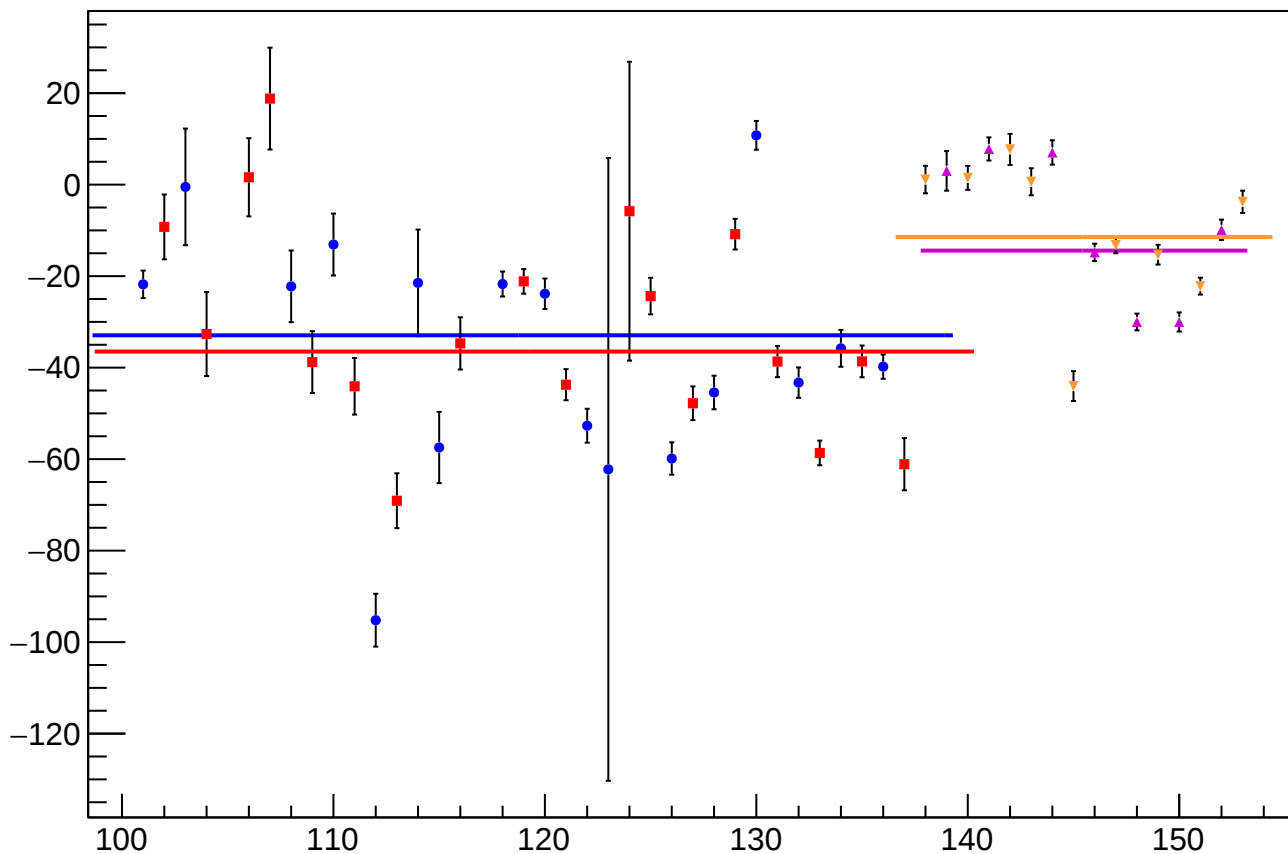
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 77.675 $\pm$ 0.856 χ^2 /NDF:2488.2/23

Out: 71.042 $\pm$ 0.846 χ^2 /NDF:4514.6/26

All: 74.318 $\pm$ 0.602 χ^2 /NDF: 7033.1/50

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 $\chi^2/\text{NDF}: 490.7/16$

Left Out: -11.449 ± 0.804 $\chi^2/\text{NDF}: 238.2/8$

Right Out: -36.488 ± 1.027 $\chi^2/\text{NDF}: 293.2/17$

Left In: -14.423 ± 0.858 $\chi^2/\text{NDF}: 290.9/6$

Left: -12.839 ± 0.587 $\chi^2/\text{NDF}: 535.6/15$

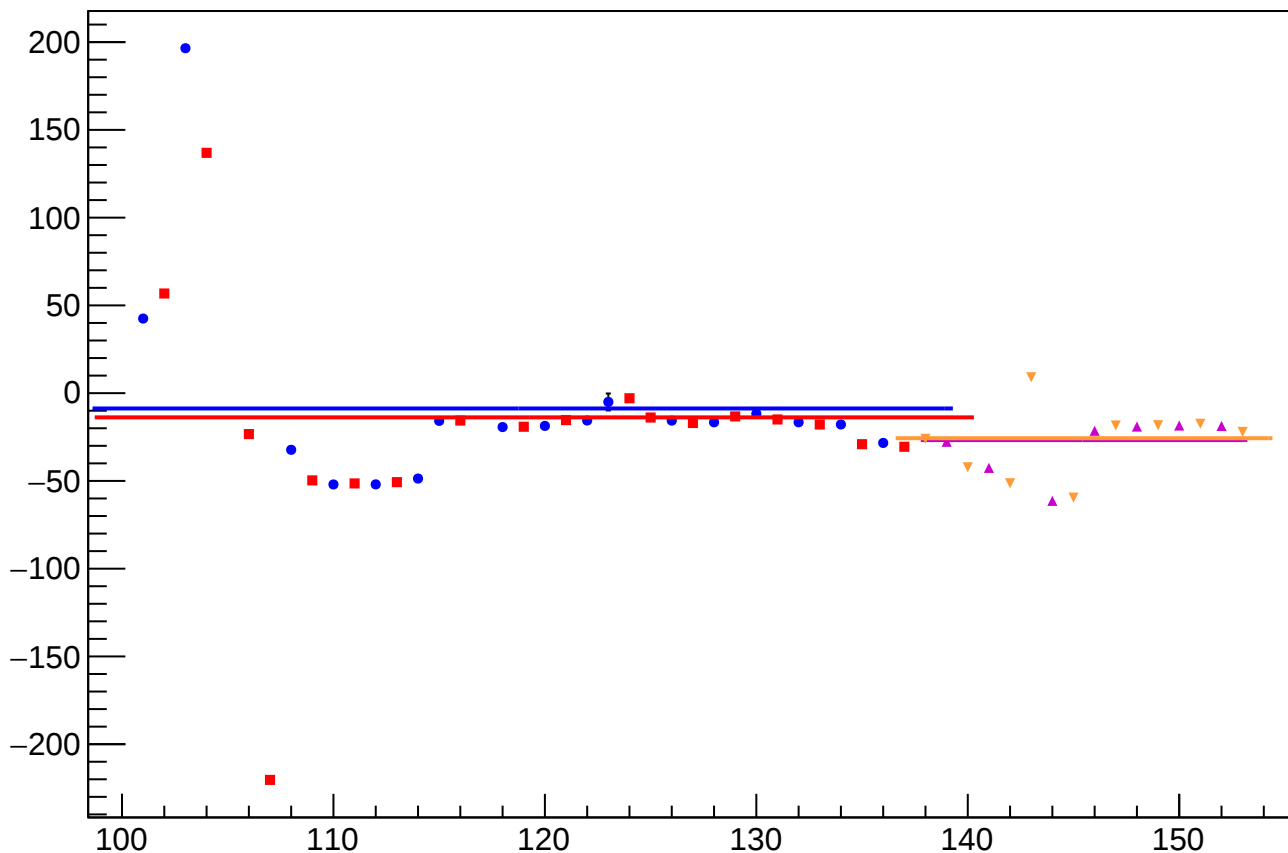
Right: -34.617 ± 0.706 $\chi^2/\text{NDF}: 790.3/34$

In: -22.522 ± 0.644 $\chi^2/\text{NDF}: 985.2/23$

Out: -20.973 ± 0.633 $\chi^2/\text{NDF}: 900.0/26$

All: -21.735 ± 0.451 $\chi^2/\text{NDF}: 1888.1/50$

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: -25.665 ± 0.040 $\chi^2/\text{NDF}: 166329.0/8$

Right Out: -13.791 ± 0.062 $\chi^2/\text{NDF}: 549380.2/17$

Left In: -26.744 ± 0.041 $\chi^2/\text{NDF}: 91289.0/6$

Left: -26.188 ± 0.029 $\chi^2/\text{NDF}: 257966.8/15$

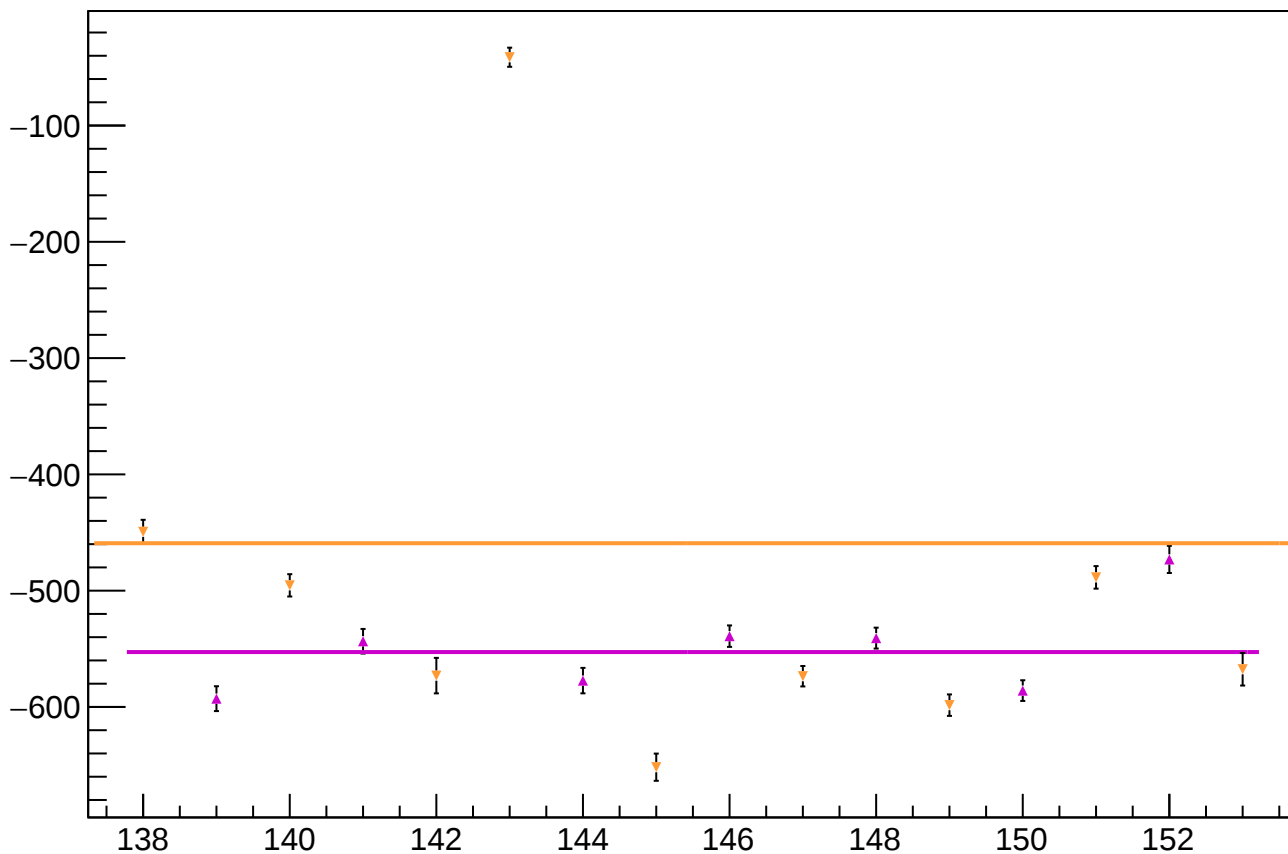
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -20.766 ± 0.034 $\chi^2/\text{NDF}: 729757.4/23$

Out: -22.158 ± 0.034 $\chi^2/\text{NDF}: 741461.7/26$

All: -21.465 ± 0.024 $\chi^2/\text{NDF}: 1472065.8/50$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -552.796+/-3.776 χ^2/NDF :84.2/6

Left: -500.944+/-2.522 χ^2/NDF : 3814.4/15

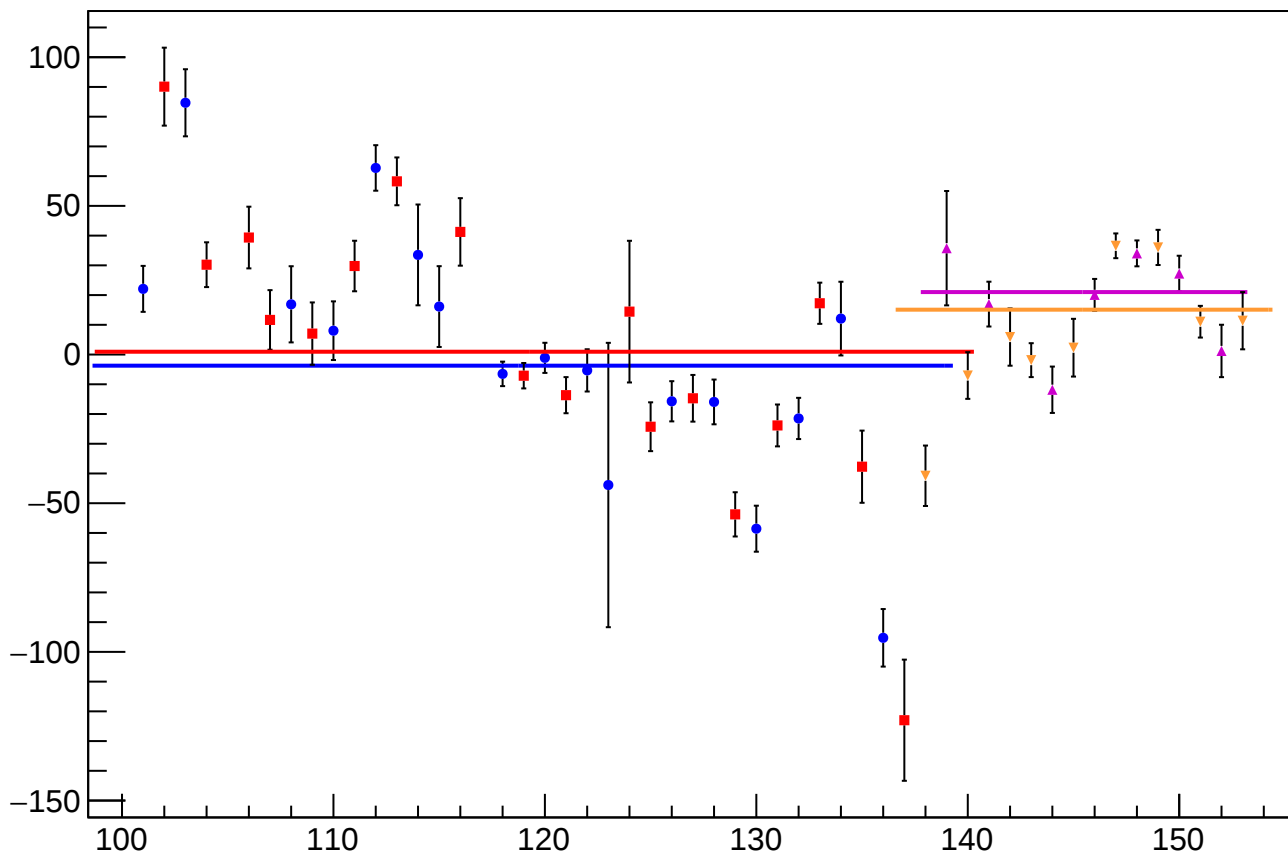
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -552.796+/-3.776 χ^2/NDF :84.2/6

Out: -459.201+/-3.388 χ^2/NDF :3389.9/8

All: -500.944+/-2.522 χ^2/NDF : 3814.4/15

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 15.090 ± 2.181 χ^2/NDF : 89.6/8

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 21.009 ± 2.462 χ^2/NDF : 33.7/6

Left: 17.693 ± 1.632 χ^2/NDF : 126.5/15

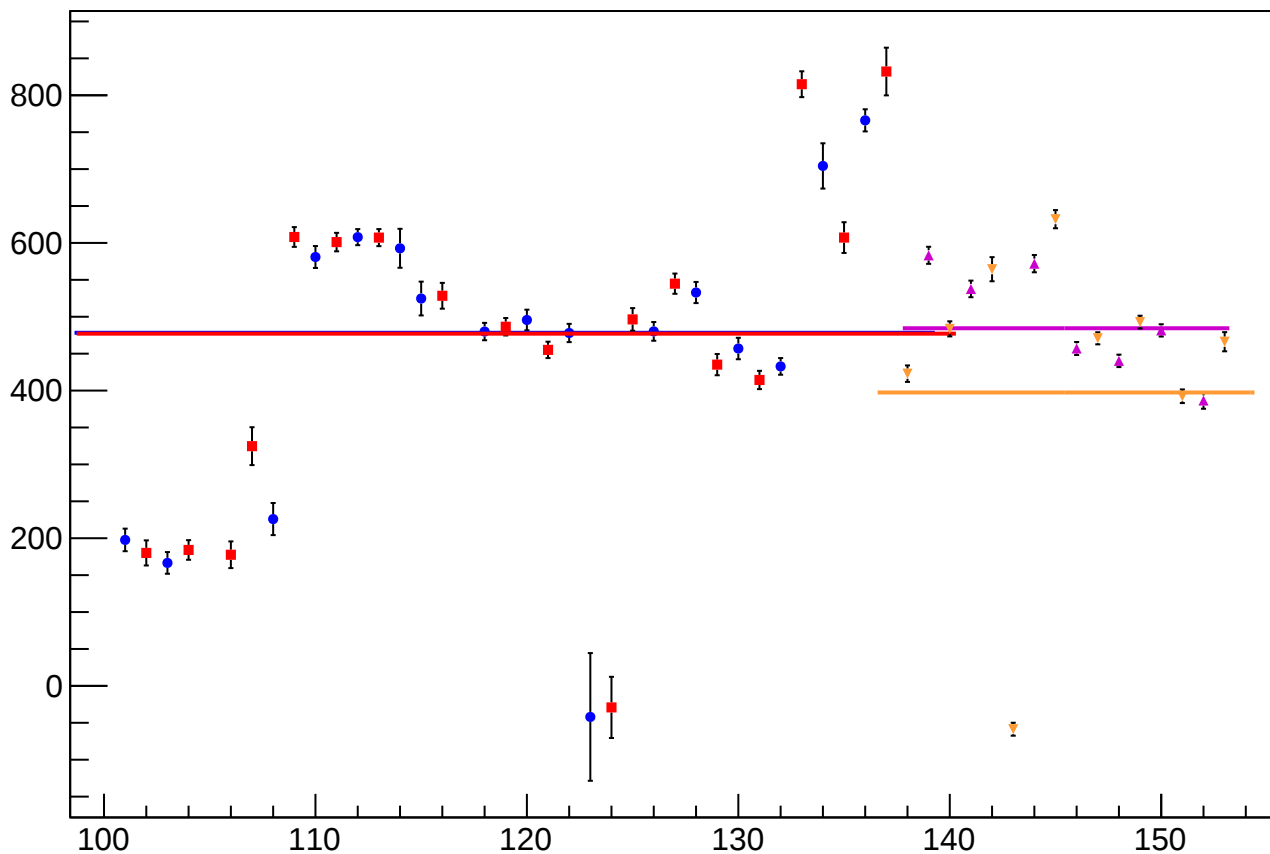
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 5.449 ± 1.500 χ^2/NDF : 411.4/23

Out: 7.117 ± 1.440 χ^2/NDF : 407.0/26

All: 6.317 ± 1.039 χ^2/NDF : 819.0/50

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 397.409+/-3.392 χ^2/NDF : 3477.9/8

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 484.419+/-3.725 χ^2/NDF : 264.9/6

Left: 436.856+/-2.508 χ^2/NDF : 4041.1/15

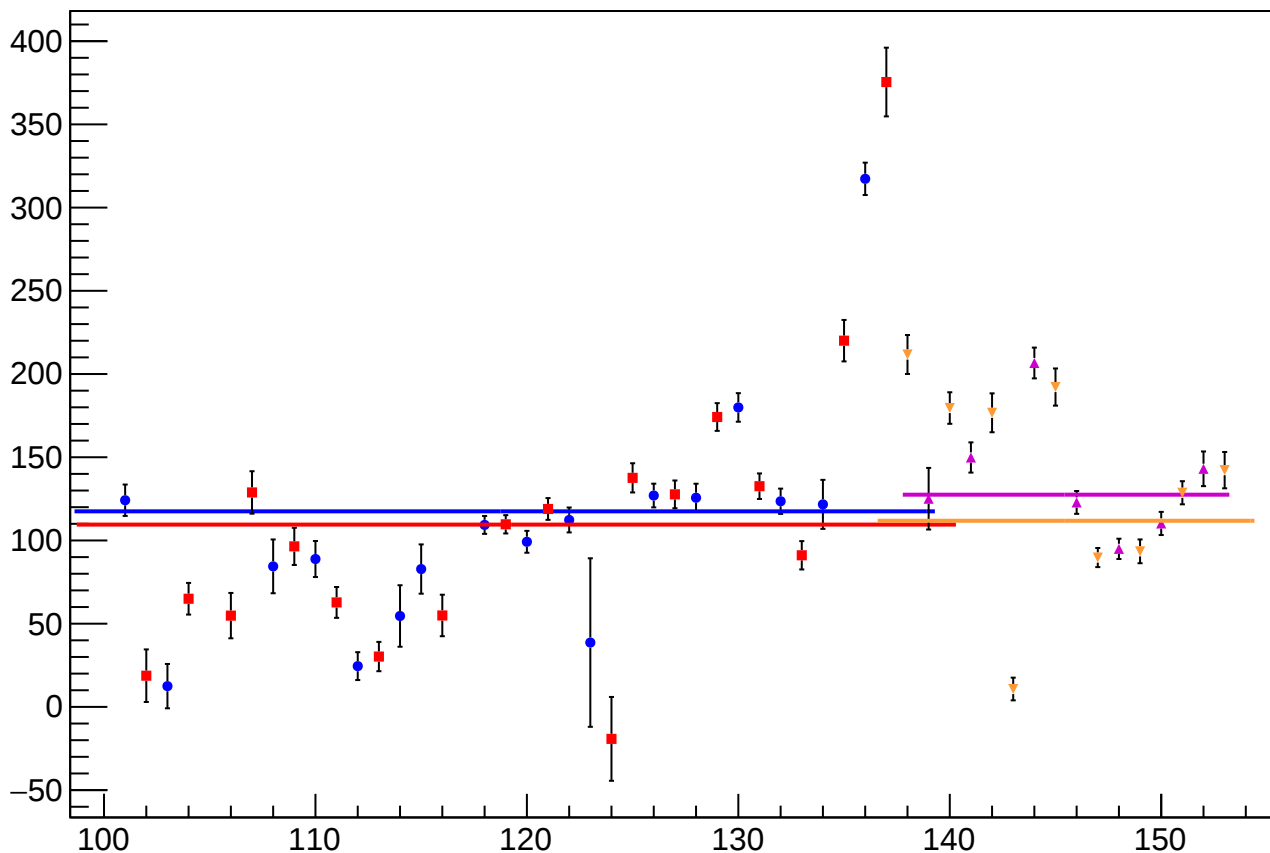
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 481.269+/-2.603 χ^2/NDF : 1894.2/23

Out: 435.542+/-2.450 χ^2/NDF : 5917.8/26

All: 457.023+/-1.784 χ^2/NDF : 7975.7/50

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 ± 2.198 $\chi^2/\text{NDF}: 705.9/16$

Left Out: 111.847 ± 2.728 $\chi^2/\text{NDF}: 461.6/8$

Right Out: 109.536 ± 2.208 $\chi^2/\text{NDF}: 562.2/17$

Left In: 127.506 ± 3.089 $\chi^2/\text{NDF}: 116.7/6$

Left: 118.710 ± 2.045 $\chi^2/\text{NDF}: 592.7/15$

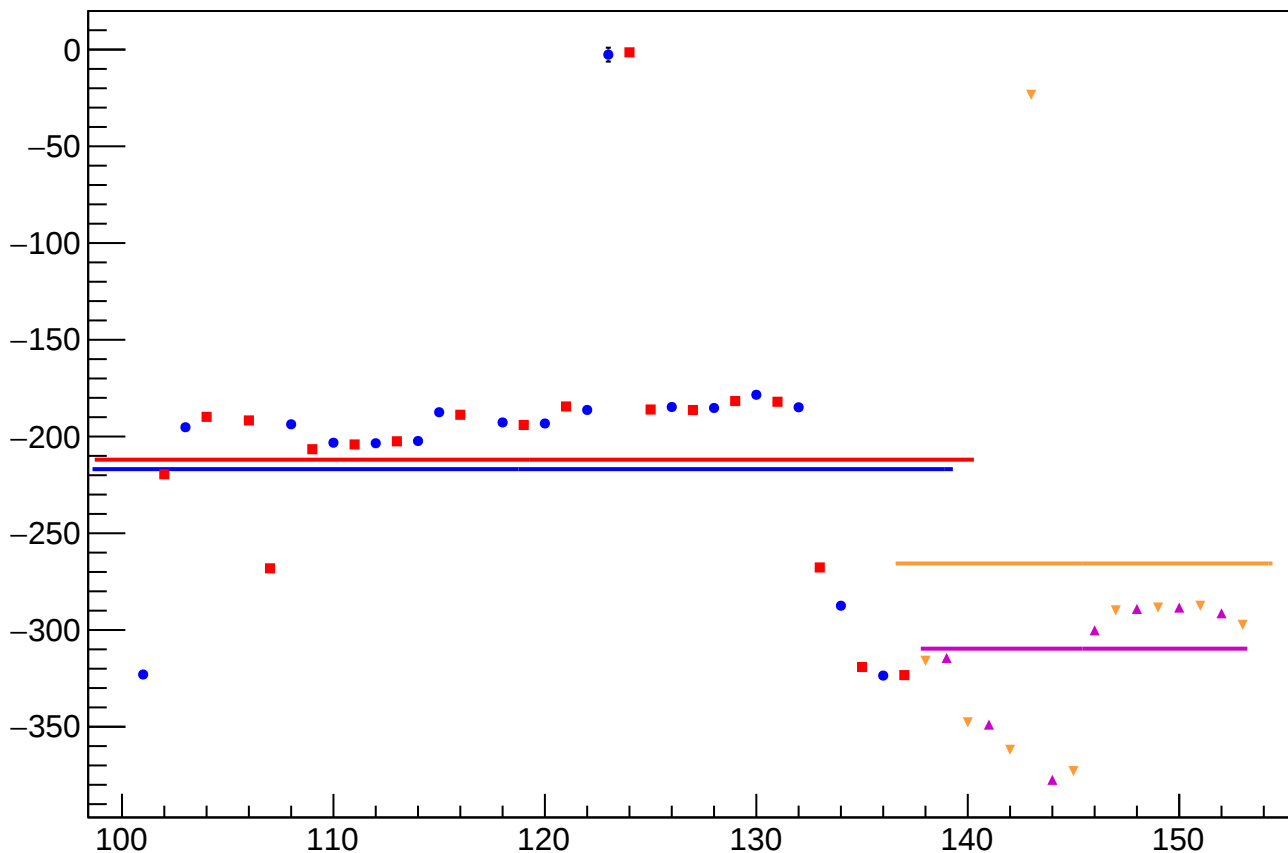
Right: 113.538 ± 1.558 $\chi^2/\text{NDF}: 1274.7/34$

In: 120.864 ± 1.791 $\chi^2/\text{NDF}: 829.6/23$

Out: 110.451 ± 1.716 $\chi^2/\text{NDF}: 1024.3/26$

All: 115.437 ± 1.239 $\chi^2/\text{NDF}: 1871.5/50$

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: -265.607 ± 0.142 $\chi^2/\text{NDF}: 605045.0/8$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -309.635 ± 0.156 $\chi^2/\text{NDF}: 34125.0/6$

Left: -285.669 ± 0.105 $\chi^2/\text{NDF}: 682782.2/15$

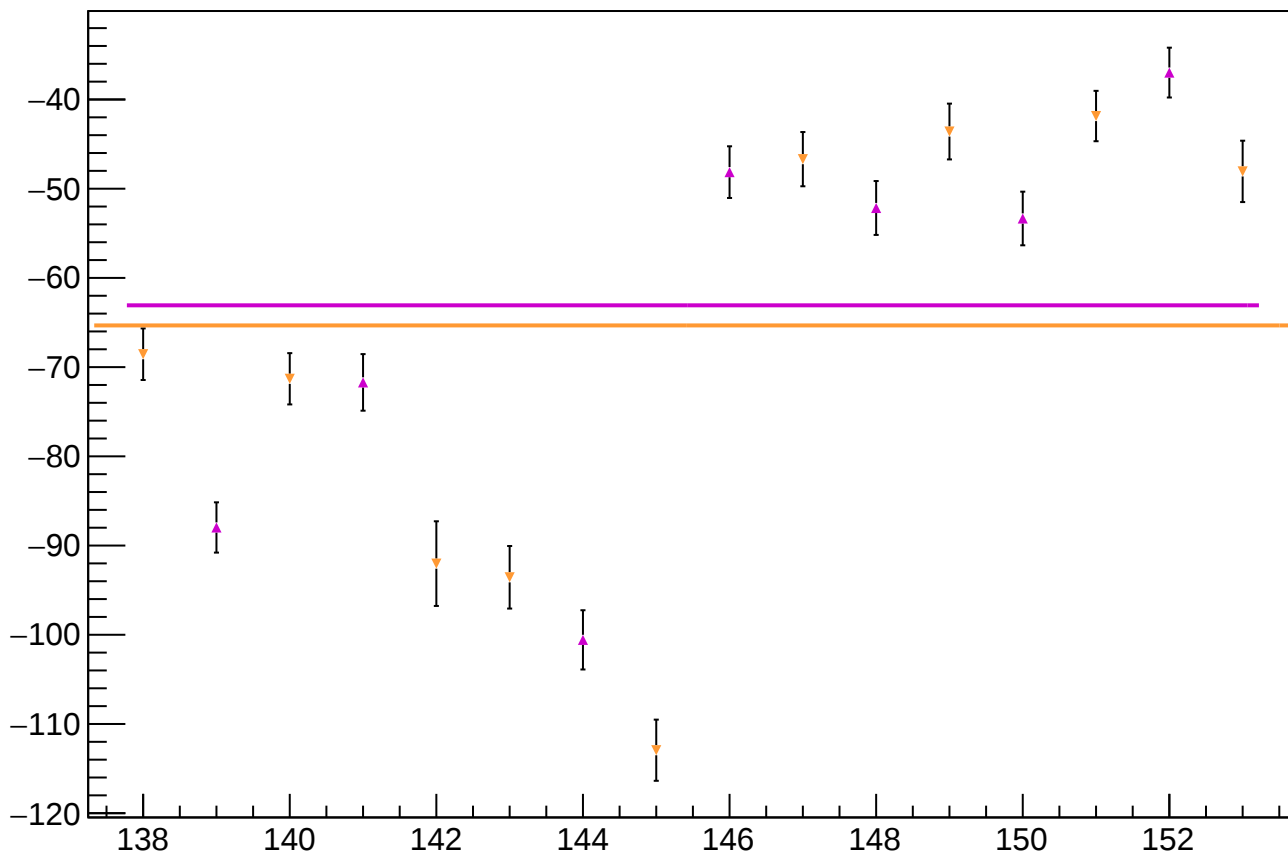
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -257.005 ± 0.102 $\chi^2/\text{NDF}: 382873.8/23$

Out: -236.498 ± 0.096 $\chi^2/\text{NDF}: 794245.1/26$

All: -246.124 ± 0.070 $\chi^2/\text{NDF}: 1198430.0/50$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -65.325+/-1.071 χ^2/NDF :475.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -63.072+/-1.130 χ^2/NDF :350.4/6

Left: -64.259+/-0.777 χ^2/NDF : 827.7/15

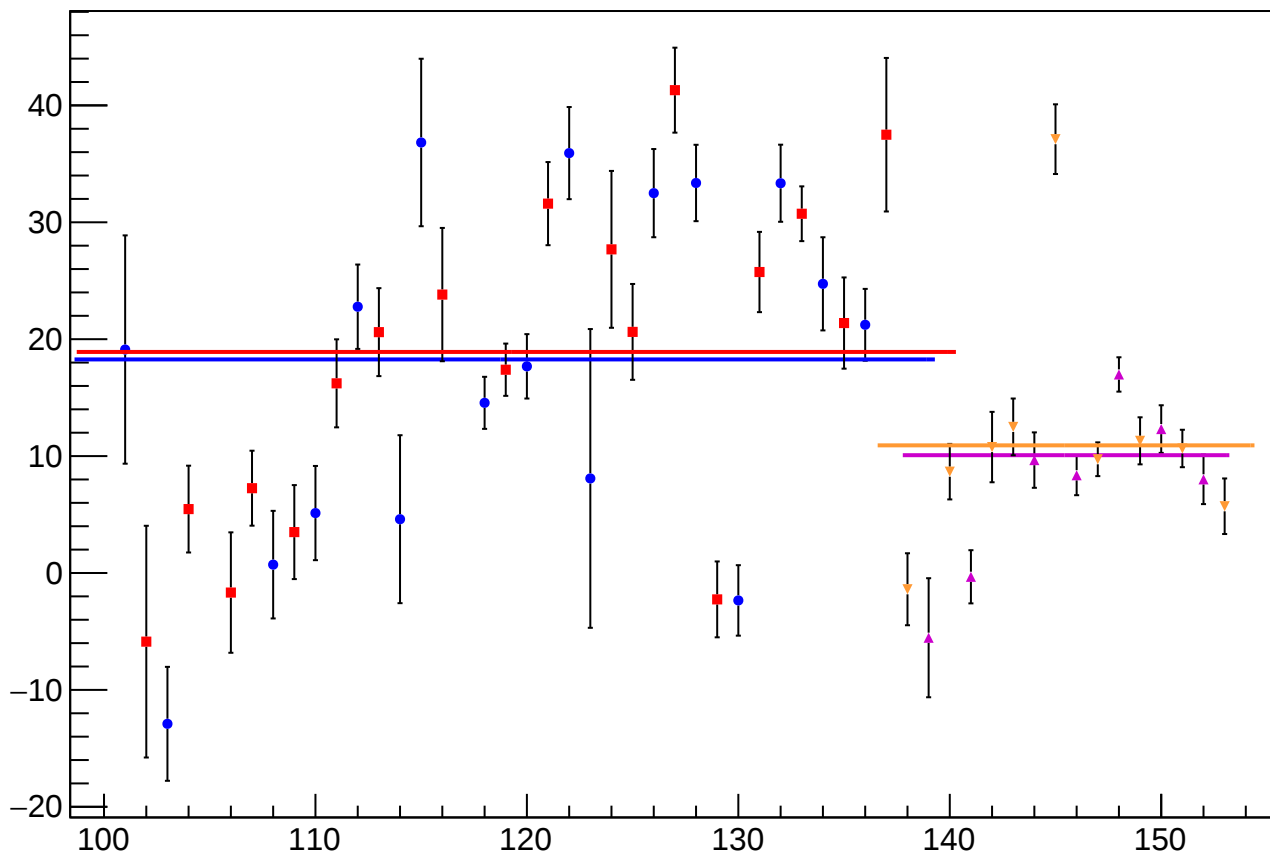
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -63.072+/-1.130 χ^2/NDF :350.4/6

Out: -65.325+/-1.071 χ^2/NDF :475.2/8

All: -64.259+/-0.777 χ^2/NDF : 827.7/15

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 10.919 ± 0.713 $\chi^2/\text{NDF}: 100.0/8$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 10.077 ± 0.771 $\chi^2/\text{NDF}: 55.6/6$

Left: 10.531 ± 0.523 $\chi^2/\text{NDF}: 156.3/15$

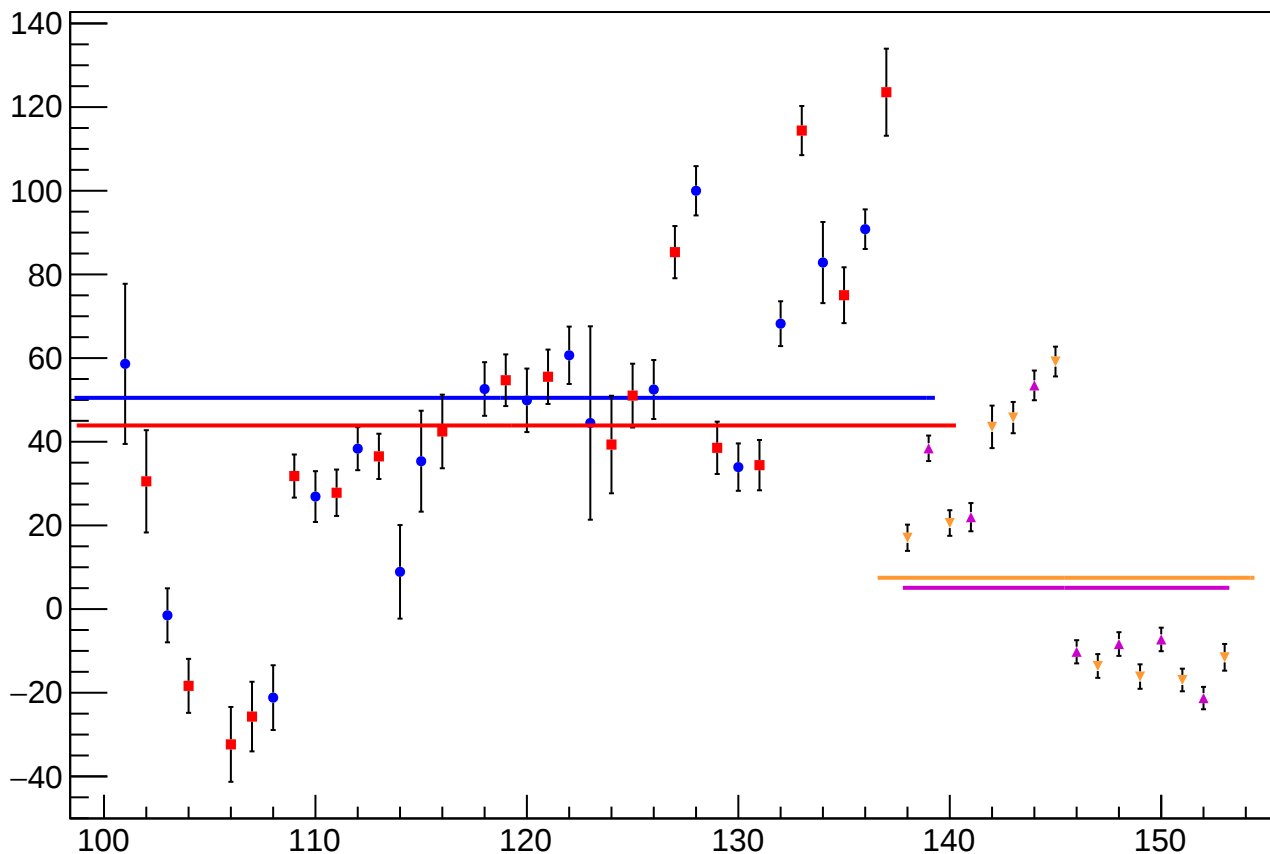
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 13.516 ± 0.588 $\chi^2/\text{NDF}: 311.3/23$

Out: 14.153 ± 0.550 $\chi^2/\text{NDF}: 349.0/26$

All: 13.856 ± 0.401 $\chi^2/\text{NDF}: 660.9/50$

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 50.497 $\pm$ 1.671 χ^2 /NDF: 363.2/16

Left Out: 7.479 $\pm$ 1.070 χ^2 /NDF: 631.2/8

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: 5.084 $\pm$ 1.121 χ^2 /NDF: 499.6/6

Left: 6.337 $\pm$ 0.774 χ^2 /NDF: 1133.2/15

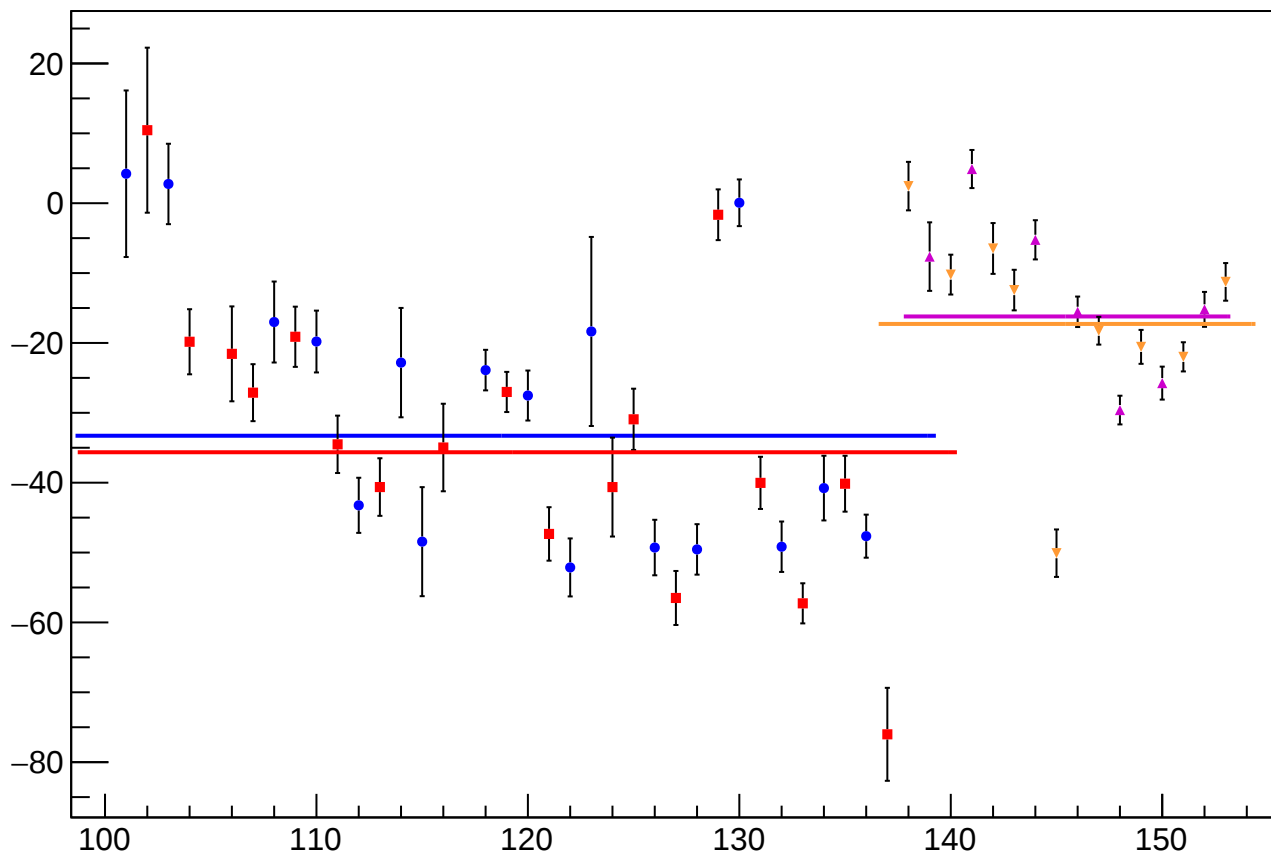
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 19.181 $\pm$ 0.931 χ^2 /NDF: 1372.2/23

Out: 18.697 $\pm$ 0.890 χ^2 /NDF: 1519.7/26

All: 18.928 $\pm$ 0.643 χ^2 /NDF: 2892.0/50

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 χ^2/NDF : 292.9/16

Left Out: -17.279 ± 0.885 χ^2/NDF : 155.5/8

Right Out: -35.644 ± 0.993 χ^2/NDF : 284.6/17

Left In: -16.209 ± 0.958 χ^2/NDF : 137.3/6

Left: -16.786 ± 0.650 χ^2/NDF : 293.5/15

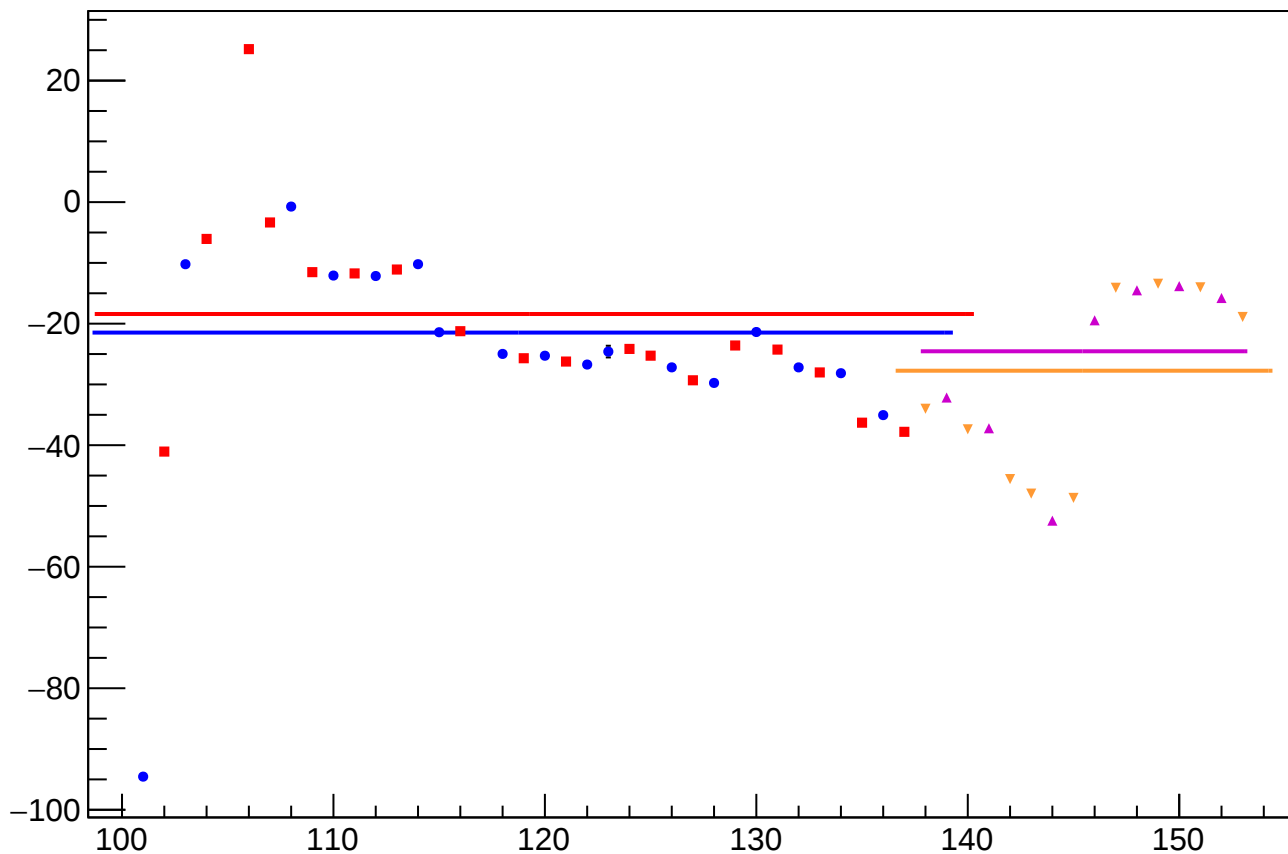
Right: -34.511 ± 0.716 χ^2/NDF : 580.2/34

In: -24.086 ± 0.703 χ^2/NDF : 576.8/23

Out: -25.411 ± 0.661 χ^2/NDF : 630.7/26

All: -24.790 ± 0.481 χ^2/NDF : 1209.5/50

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469+/-0.059 χ^2/NDF : 48979.5/16

Left Out: -27.743+/-0.044 χ^2/NDF : 98909.8/8

Right Out: -18.411+/-0.057 χ^2/NDF : 77587.3/17

Left In: -24.546+/-0.046 χ^2/NDF : 69066.5/6

Left: -26.218+/-0.032 χ^2/NDF : 170469.8/15

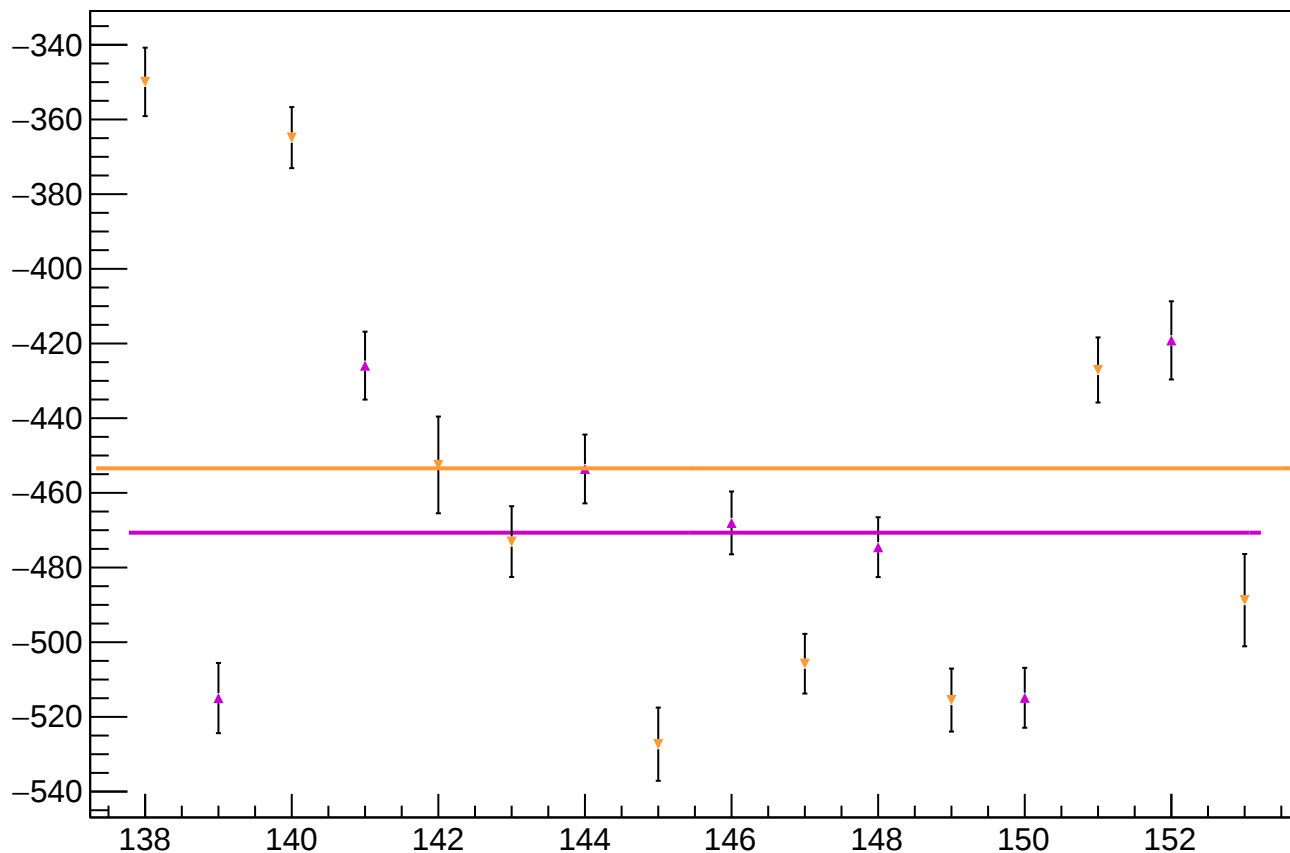
Right: -19.904+/-0.041 χ^2/NDF : 127953.4/34

In: -23.367+/-0.036 χ^2/NDF : 119739.3/23

Out: -24.265+/-0.035 χ^2/NDF : 193089.2/26

All: -23.833+/-0.025 χ^2/NDF : 313144.8/50

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -453.427+/-3.104 χ^2/NDF :420.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -470.662+/-3.342 χ^2/NDF :104.7/6

Left: -461.409+/-2.275 χ^2/NDF : 539.2/15

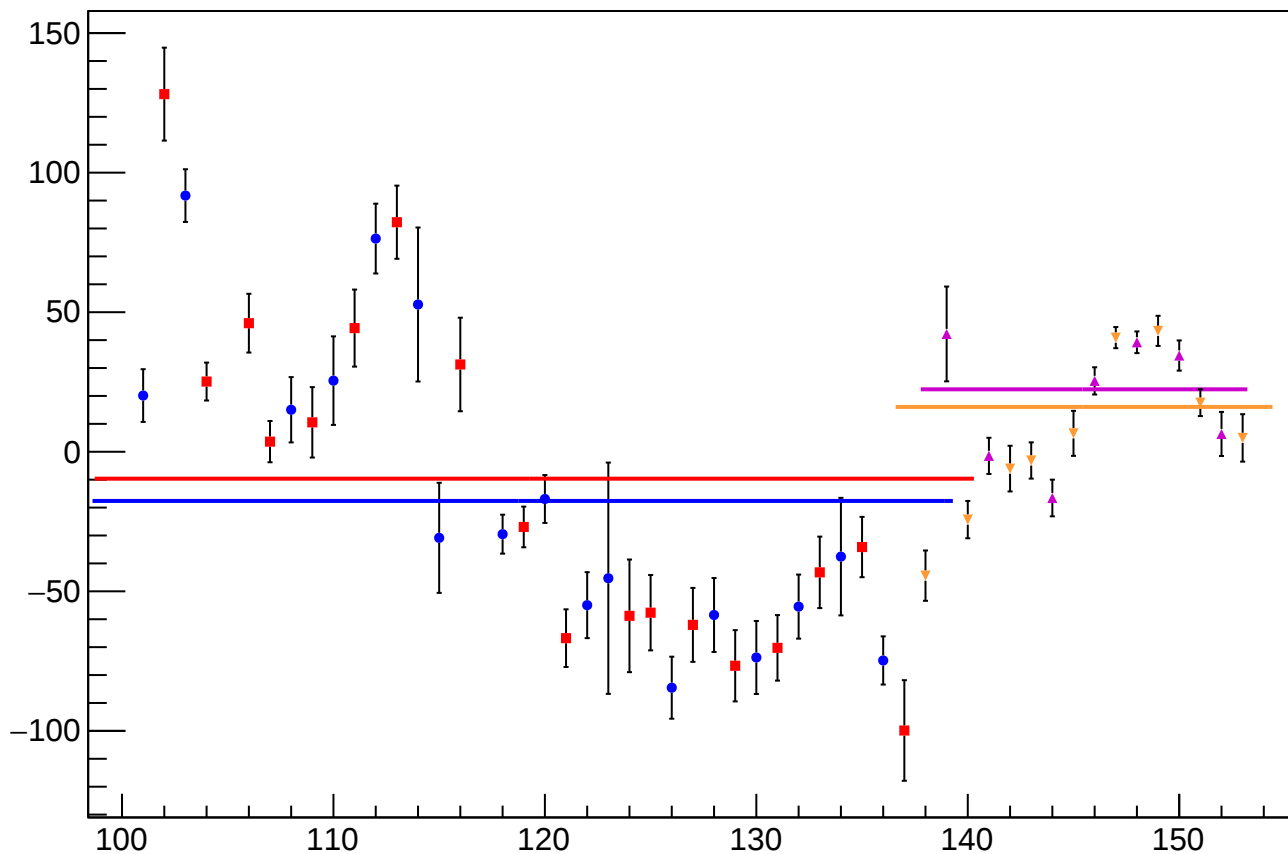
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -470.662+/-3.342 χ^2/NDF :104.7/6

Out: -453.427+/-3.104 χ^2/NDF :420.2/8

All: -461.409+/-2.275 χ^2/NDF : 539.2/15

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 $\pm$ 2.786 χ^2/NDF : 362.0/16

Left Out: 16.067 $\pm$ 2.001 χ^2/NDF :169.1/8

Right Out: -9.641 $\pm$ 2.613 χ^2/NDF : 360.7/17

Left In: 22.373 $\pm$ 2.187 χ^2/NDF :78.4/6

Left: 18.940 $\pm$ 1.476 χ^2/NDF : 252.0/15

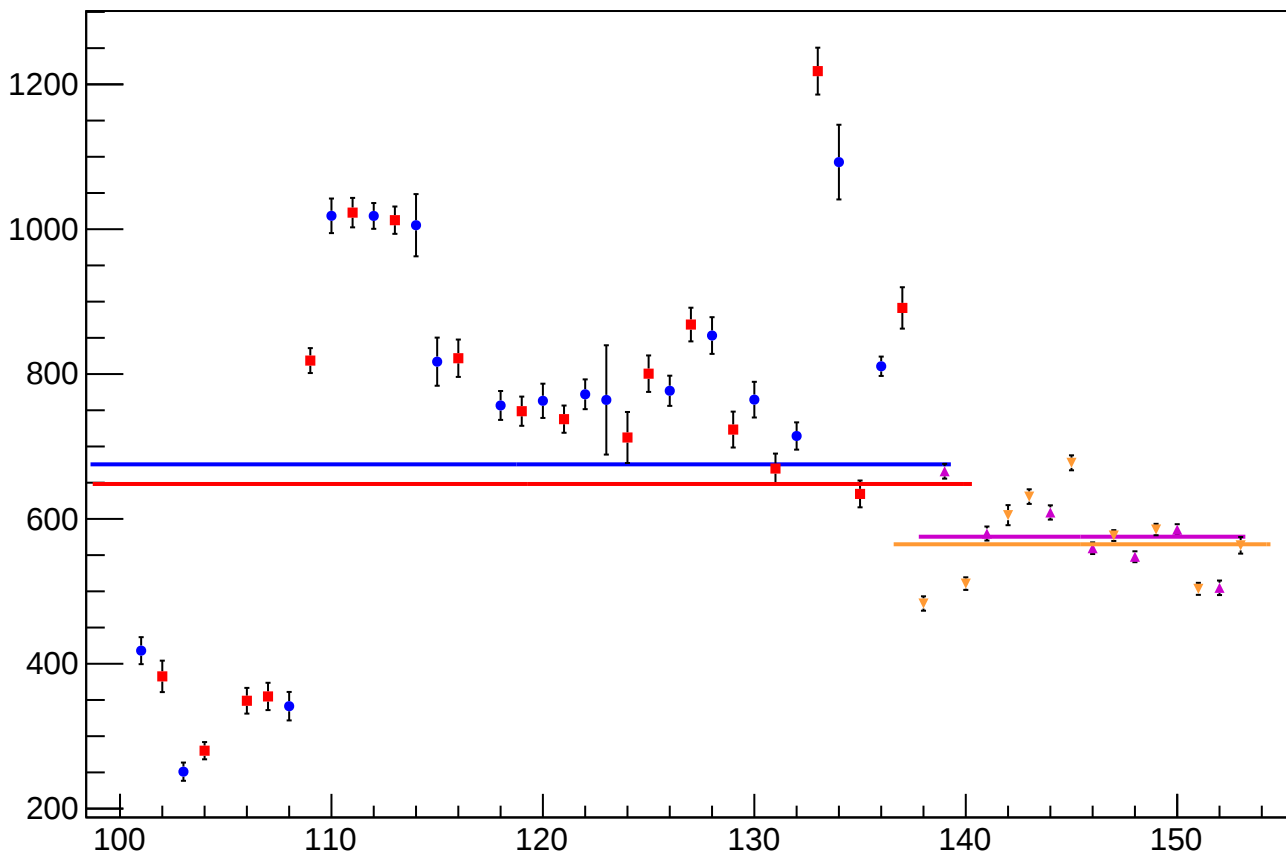
Right: -13.374 $\pm$ 1.906 χ^2/NDF : 727.1/34

In: 7.125 $\pm$ 1.720 χ^2/NDF :567.9/23

Out: 6.563 $\pm$ 1.589 χ^2/NDF :590.8/26

All: 6.821 $\pm$ 1.167 χ^2/NDF : 1158.8/50

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 564.979 ± 3.104 χ^2/NDF : 339.9/8

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 575.425 ± 3.305 χ^2/NDF : 159.1/6

Left: 569.874 ± 2.263 χ^2/NDF : 504.4/15

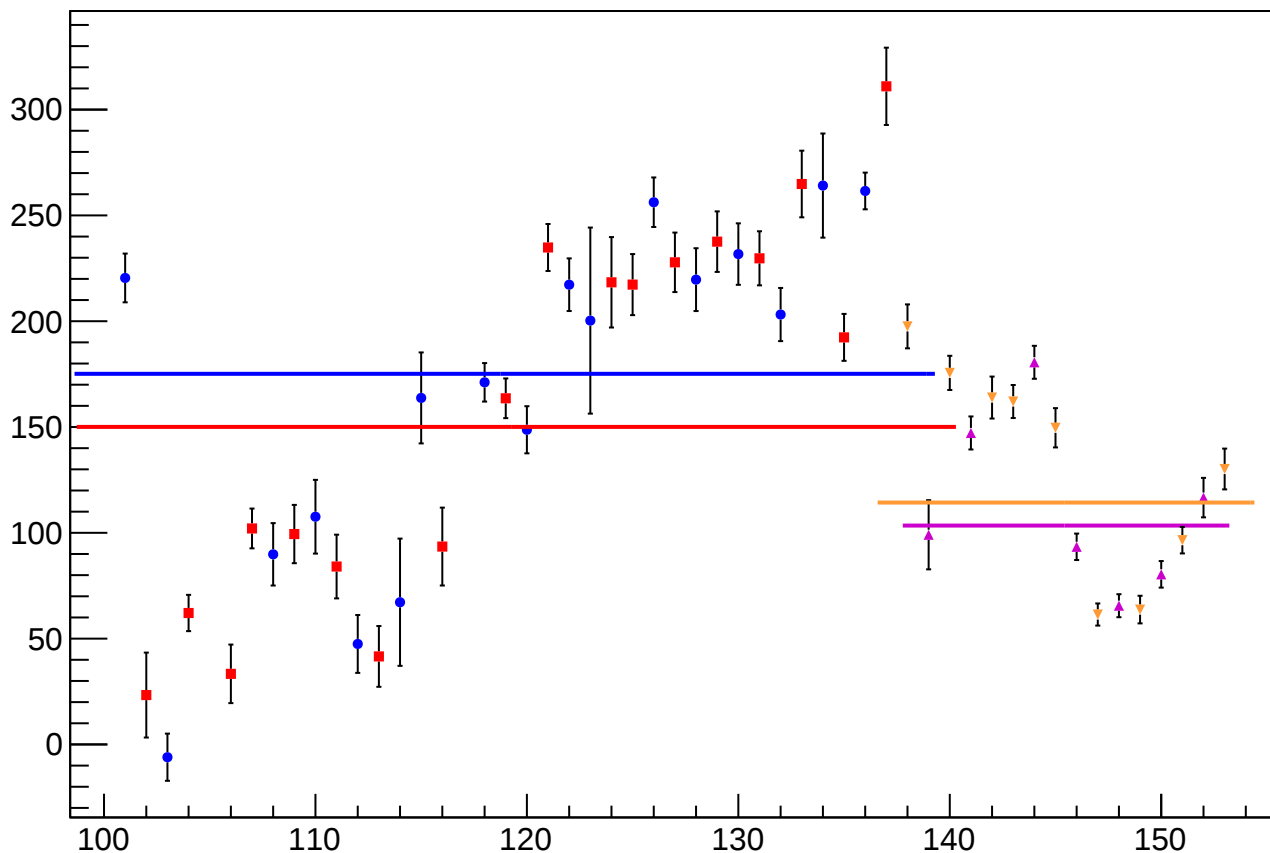
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 605.426 ± 2.765 χ^2/NDF : 3016.2/23

Out: 589.708 ± 2.602 χ^2/NDF : 3612.6/26

All: 597.091 ± 1.895 χ^2/NDF : 6645.9/50

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 ± 3.209 $\chi^2/\text{NDF}: 635.6/16$

Left Out: 114.314 ± 2.507 $\chi^2/\text{NDF}: 372.1/8$

Right Out: 150.054 ± 3.045 $\chi^2/\text{NDF}: 686.2/17$

Left In: 103.433 ± 2.742 $\chi^2/\text{NDF}: 196.3/6$

Left: 109.360 ± 1.850 $\chi^2/\text{NDF}: 577.0/15$

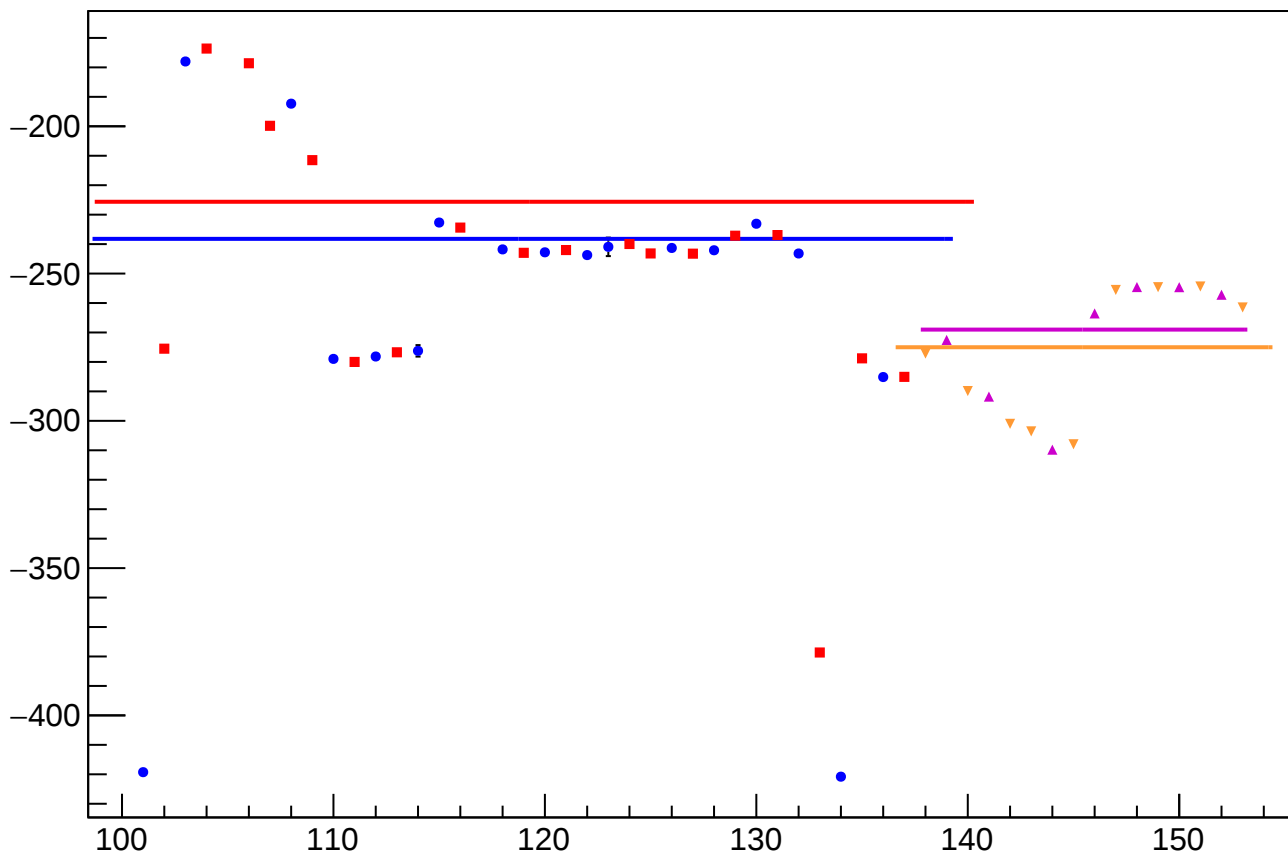
Right: 161.941 ± 2.209 $\chi^2/\text{NDF}: 1354.0/34$

In: 133.690 ± 2.085 $\chi^2/\text{NDF}: 1120.5/23$

Out: 128.749 ± 1.935 $\chi^2/\text{NDF}: 1140.4/26$

All: 131.036 ± 1.418 $\chi^2/\text{NDF}: 2263.9/50$

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2 /NDF: 167098.2/16

Left Out: -275.013+/-0.130 χ^2 /NDF:26124.6/8

Right Out: -225.623+/-0.152 χ^2 /NDF: 95450.2/17

Left In: -269.023+/-0.138 χ^2 /NDF:17577.5/6

Left: -272.185+/-0.095 χ^2 /NDF: 44697.8/15

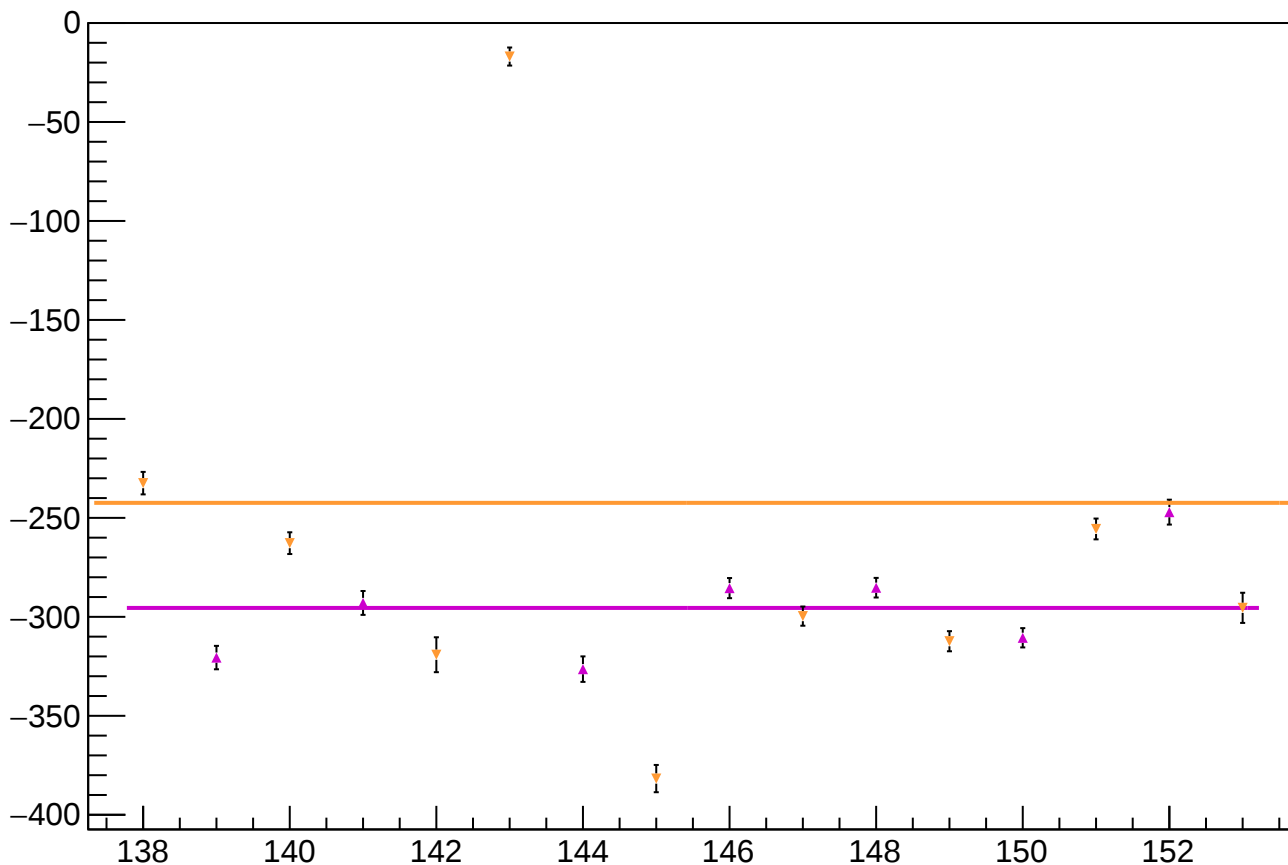
Right: -231.577+/-0.110 χ^2 /NDF: 265811.9/34

In: -255.898+/-0.104 χ^2 /NDF:205936.0/23

Out: -253.997+/-0.099 χ^2 /NDF:182572.9/26

All: -254.895+/-0.072 χ^2 /NDF: 388683.5/50

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left Out: -242.411 ± 1.887 $\chi^2/\text{NDF}: 3326.7/8$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -295.497 ± 2.099 $\chi^2/\text{NDF}: 118.2/6$

Left: -266.136 ± 1.403 $\chi^2/\text{NDF}: 3798.7/15$

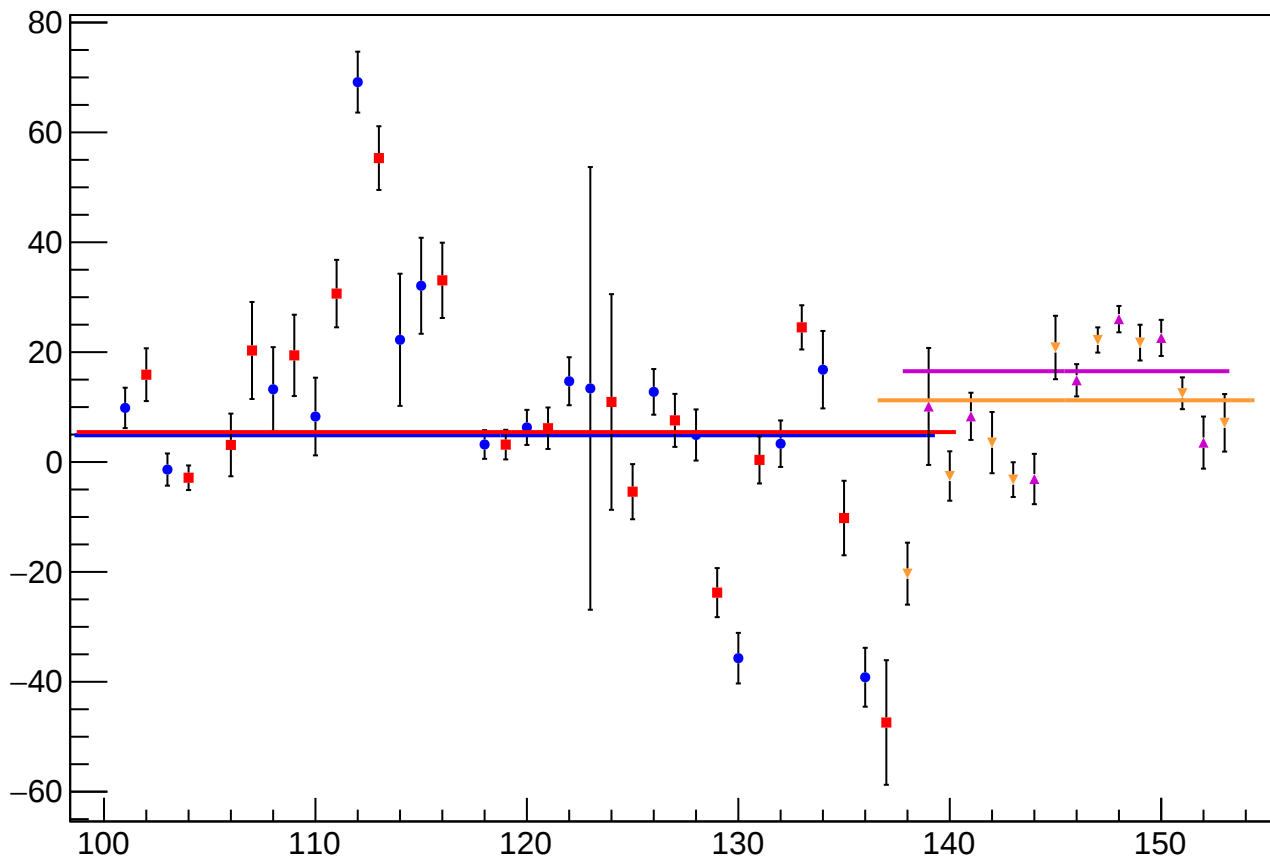
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -295.497 ± 2.099 $\chi^2/\text{NDF}: 118.2/6$

Out: -242.411 ± 1.887 $\chi^2/\text{NDF}: 3326.7/8$

All: -266.136 ± 1.403 $\chi^2/\text{NDF}: 3798.7/15$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2/NDF : 311.5/16

Left Out: 11.238 $\pm$ 1.210 χ^2/NDF :100.3/8

Right Out: 5.450 $\pm$ 1.071 χ^2/NDF : 231.5/17

Left In: 16.532 $\pm$ 1.364 χ^2/NDF :49.2/6

Left: 13.569 $\pm$ 0.905 χ^2/NDF : 157.9/15

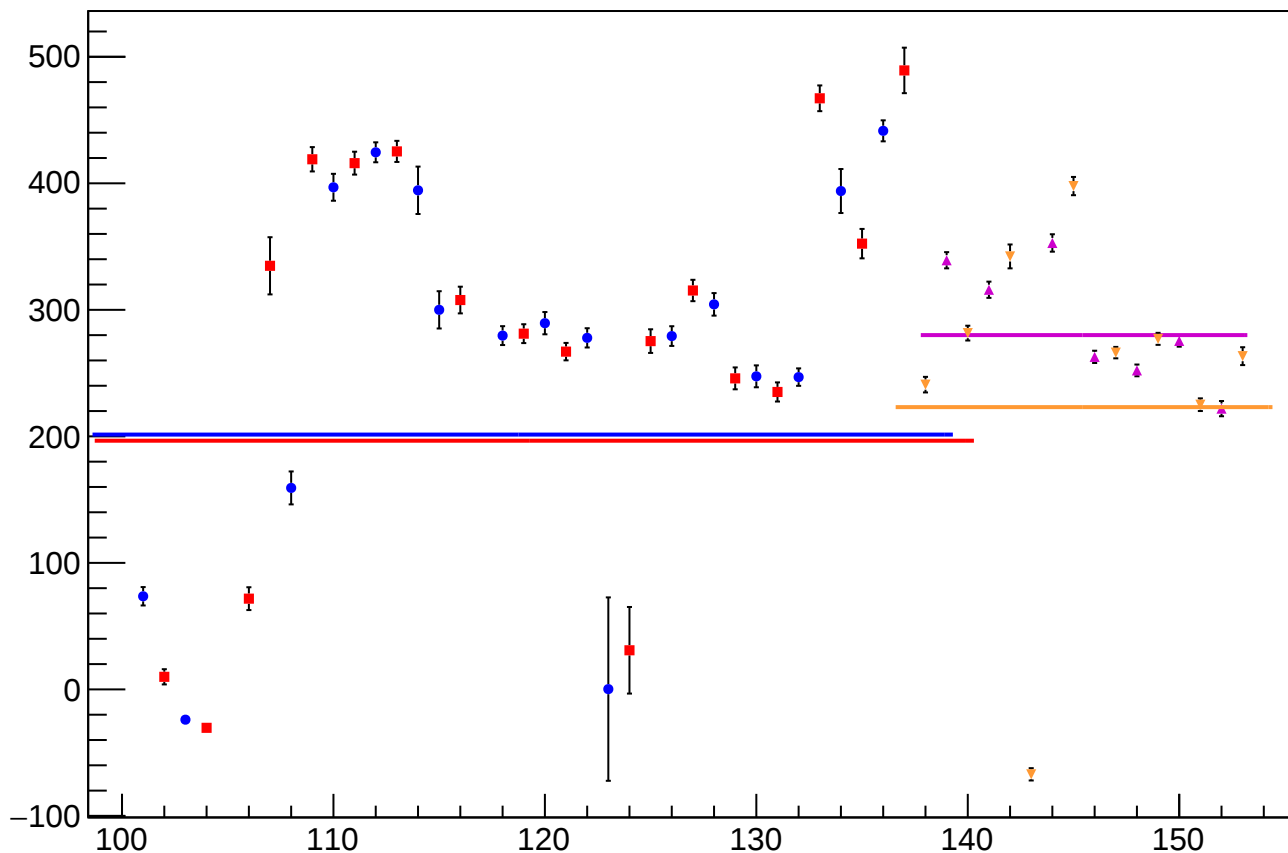
Right: 5.165 $\pm$ 0.764 χ^2/NDF : 543.2/34

In: 9.417 $\pm$ 0.852 χ^2/NDF :405.3/23

Out: 7.993 $\pm$ 0.802 χ^2/NDF :344.7/26

All: 8.662 $\pm$ 0.584 χ^2/NDF : 751.4/50

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: 223.109 $\pm$ 1.885 χ^2 /NDF:4660.8/8

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 280.038 $\pm$ 2.066 χ^2 /NDF:371.0/6

Left: 248.973 $\pm$ 1.393 χ^2 /NDF: 5446.1/15

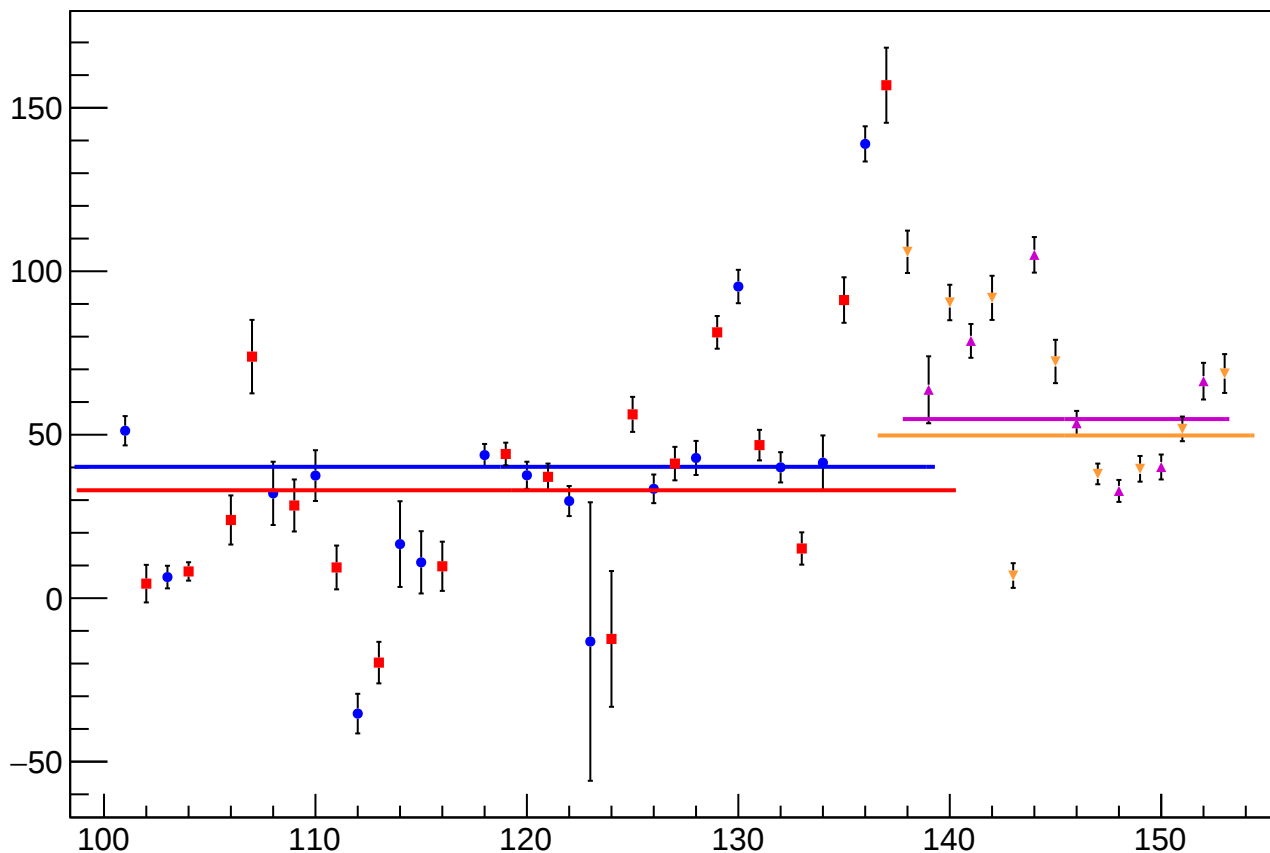
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 238.922 $\pm$ 1.427 χ^2 /NDF:7868.8/23

Out: 210.156 $\pm$ 1.349 χ^2 /NDF:12935.7/26

All: 223.730 $\pm$ 0.980 χ^2 /NDF: 21019.0/50

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 ± 1.270 $\chi^2/\text{NDF}: 734.0/16$

Left Out: 49.774 ± 1.515 $\chi^2/\text{NDF}: 341.3/8$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 54.789 ± 1.714 $\chi^2/\text{NDF}: 169.5/6$

Left: 51.974 ± 1.135 $\chi^2/\text{NDF}: 515.6/15$

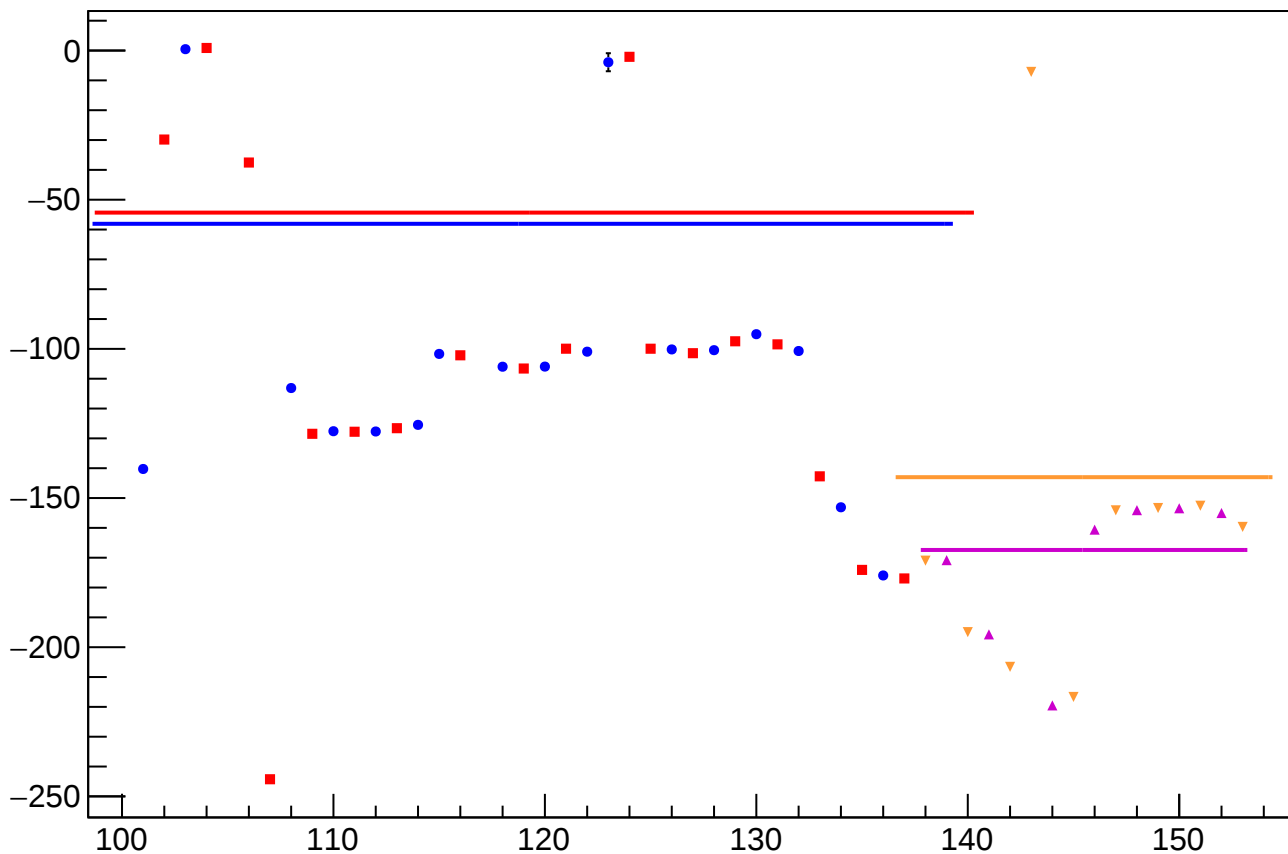
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 45.360 ± 1.020 $\chi^2/\text{NDF}: 950.4/23$

Out: 39.816 ± 0.965 $\chi^2/\text{NDF}: 961.2/26$

All: 42.435 ± 0.701 $\chi^2/\text{NDF}: 1927.2/50$

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: -143.008 ± 0.079 $\chi^2/\text{NDF}: 644338.4/8$

Right Out: -54.323 ± 0.060 $\chi^2/\text{NDF}: 991053.6/17$

Left In: -167.404 ± 0.086 $\chi^2/\text{NDF}: 55187.0/6$

Left: -154.153 ± 0.058 $\chi^2/\text{NDF}: 742986.5/15$

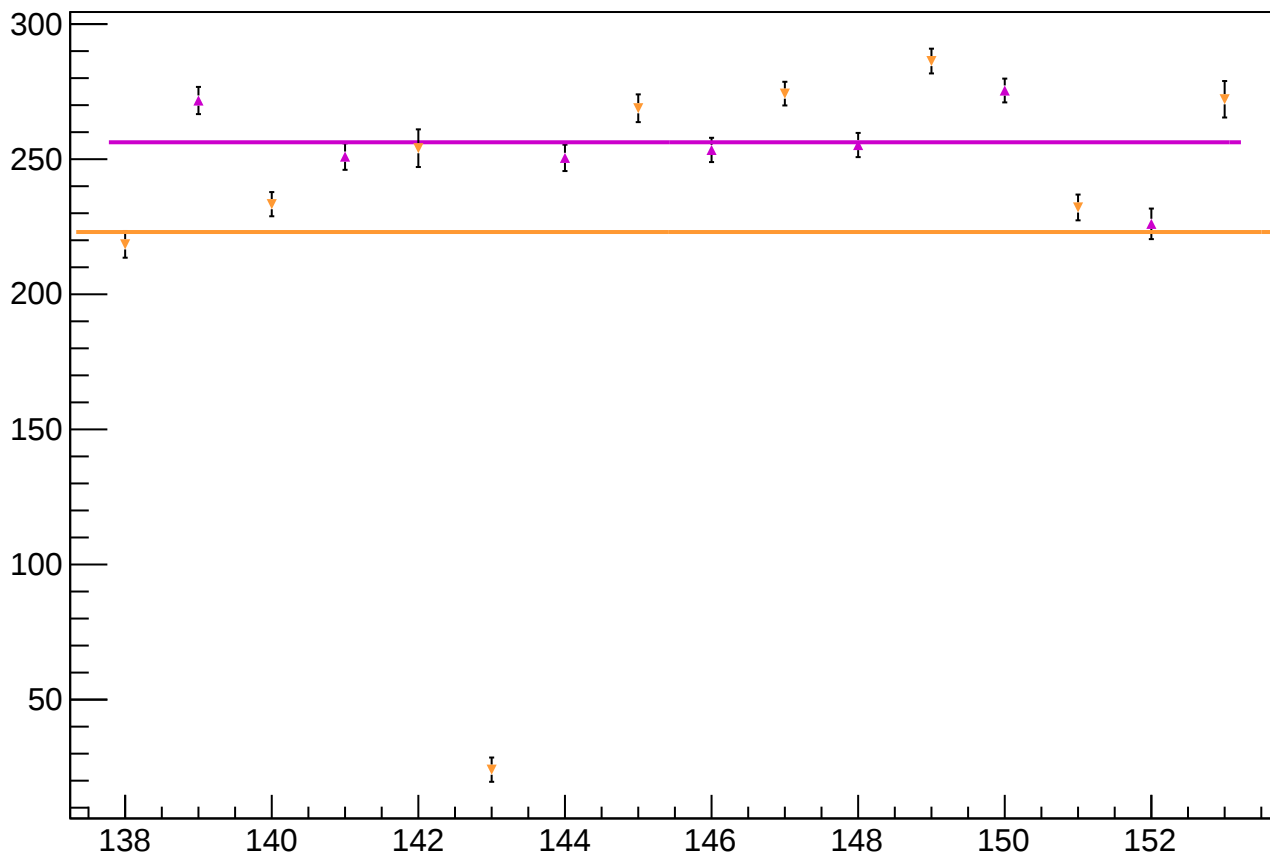
Right: -56.164 ± 0.043 $\chi^2/\text{NDF}: 2097382.5/34$

In: -95.026 ± 0.050 $\chi^2/\text{NDF}: 2223468.6/23$

Out: -87.015 ± 0.048 $\chi^2/\text{NDF}: 2429105.3/26$

All: -90.848 ± 0.035 $\chi^2/\text{NDF}: 4665886.3/50$

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: 223.049+/-1.656 χ^2/NDF :2452.0/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 256.261+/-1.809 χ^2/NDF :59.9/6

Left: 238.190+/-1.222 χ^2/NDF : 2695.2/15

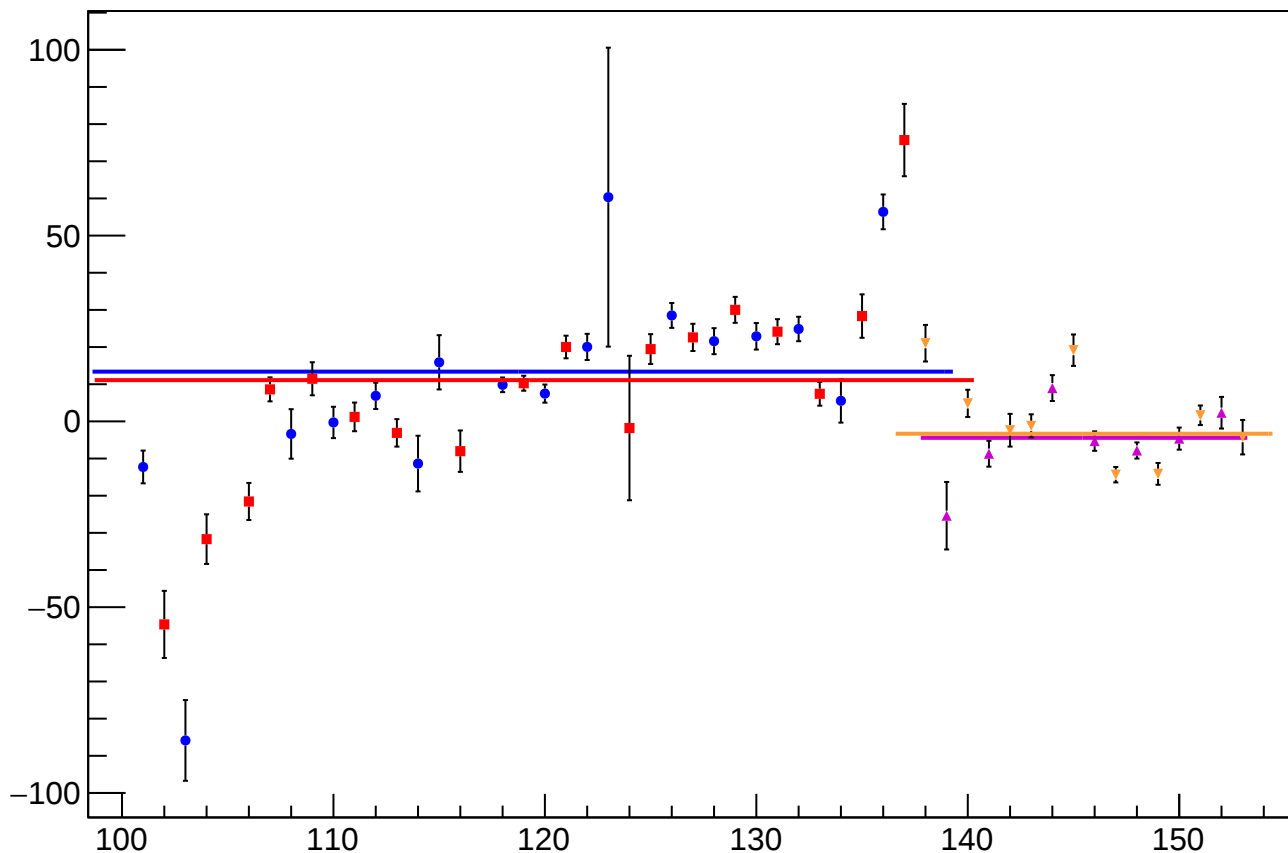
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 256.261+/-1.809 χ^2/NDF :59.9/6

Out: 223.049+/-1.656 χ^2/NDF :2452.0/8

All: 238.190+/-1.222 χ^2/NDF : 2695.2/15

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 $\chi^2/\text{NDF}: 294.1/16$

Left Out: -3.322 ± 1.075 $\chi^2/\text{NDF}: 103.5/8$

Right Out: 11.101 ± 0.915 $\chi^2/\text{NDF}: 292.2/17$

Left In: -4.426 ± 1.193 $\chi^2/\text{NDF}: 26.7/6$

Left: -3.817 ± 0.799 $\chi^2/\text{NDF}: 130.7/15$

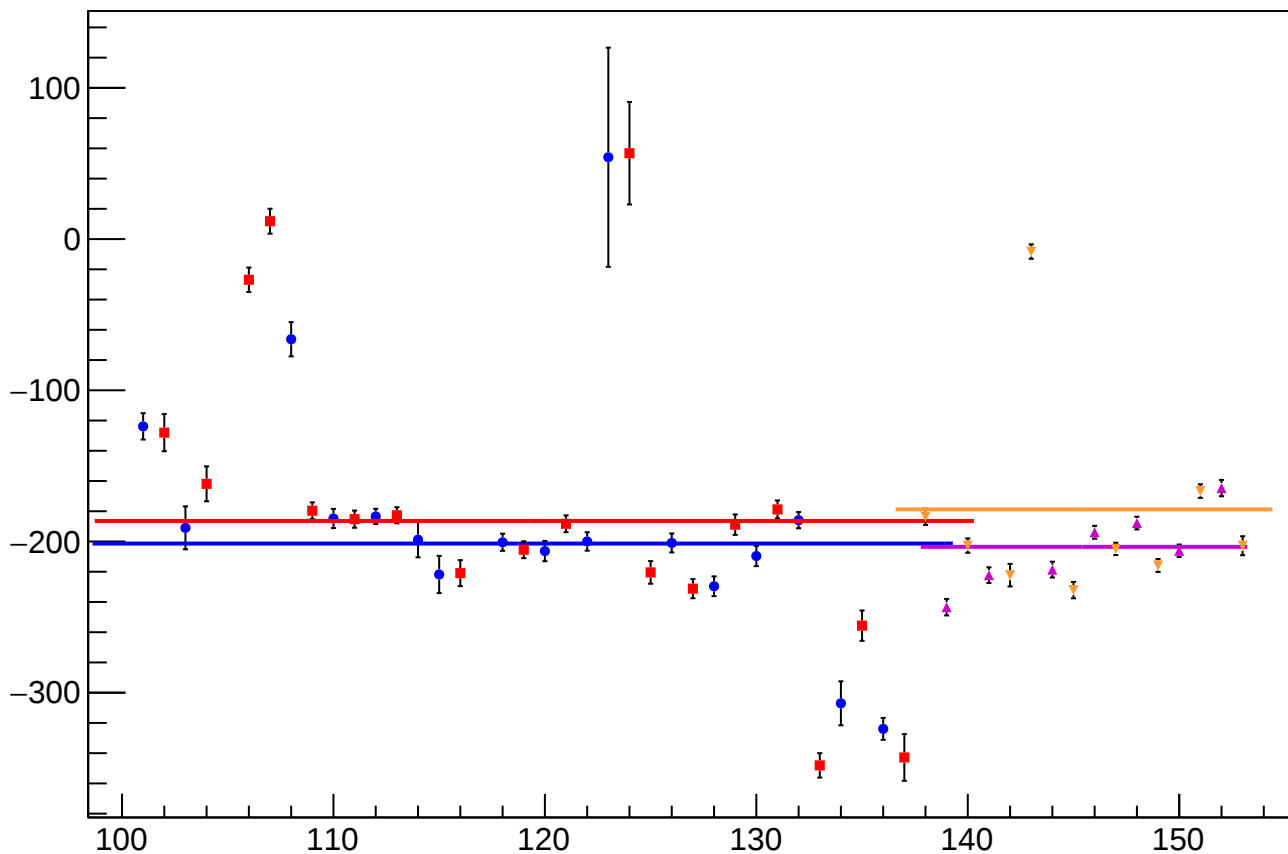
Right: 12.236 ± 0.649 $\chi^2/\text{NDF}: 589.4/34$

In: 6.732 ± 0.729 $\chi^2/\text{NDF}: 460.5/23$

Out: 5.041 ± 0.697 $\chi^2/\text{NDF}: 500.1/26$

All: 5.848 ± 0.504 $\chi^2/\text{NDF}: 963.3/50$

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: -178.781 ± 1.661 χ^2/NDF : 1561.2/8

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -203.539 ± 1.792 χ^2/NDF : 145.9/6

Left: -190.219 ± 1.218 χ^2/NDF : 1809.7/15

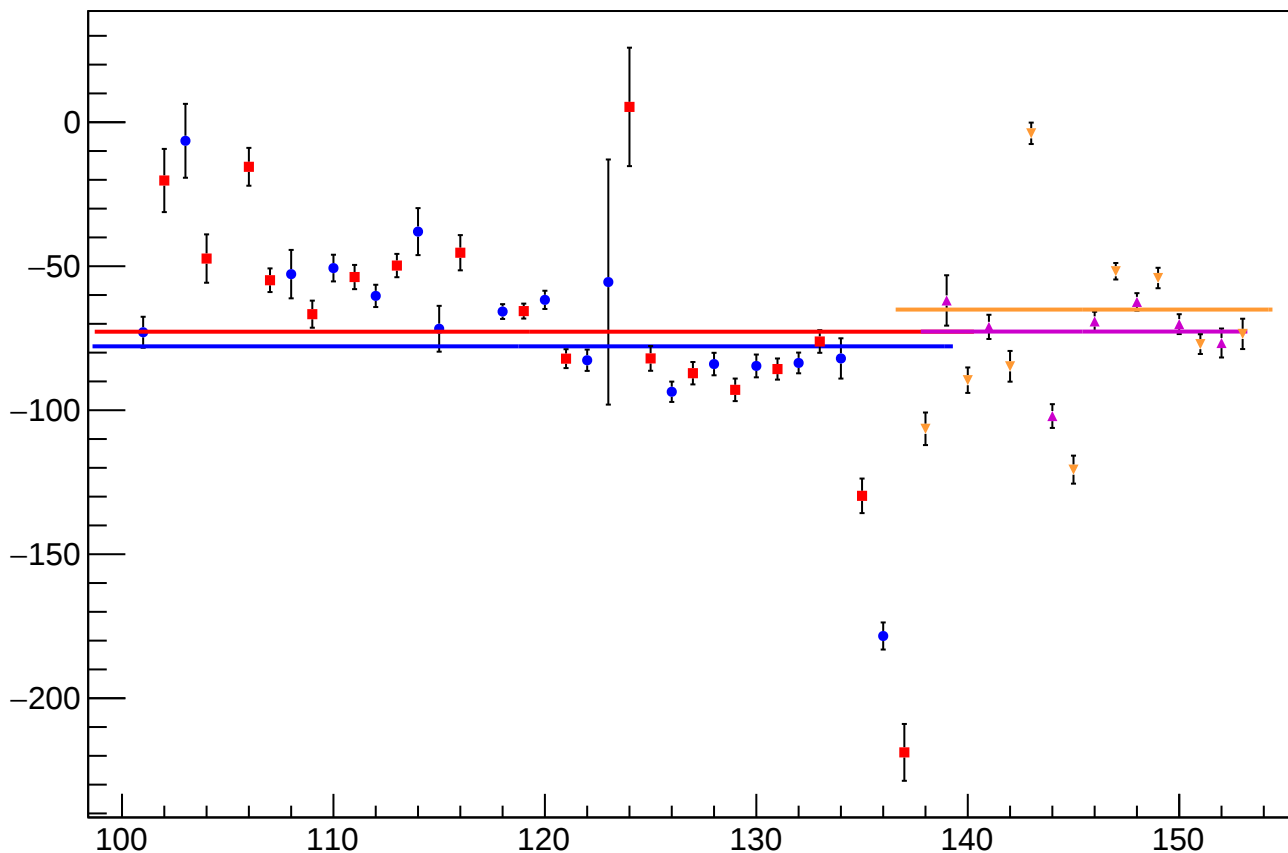
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -202.448 ± 1.264 χ^2/NDF : 771.6/23

Out: -182.499 ± 1.189 χ^2/NDF : 3270.9/26

All: -191.863 ± 0.866 χ^2/NDF : 4174.6/50

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 $\chi^2/\text{NDF}: 656.4/16$

Left Out: -65.051 ± 1.343 $\chi^2/\text{NDF}: 545.2/8$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -72.686 ± 1.492 $\chi^2/\text{NDF}: 66.0/6$

Left: -68.468 ± 0.998 $\chi^2/\text{NDF}: 625.7/15$

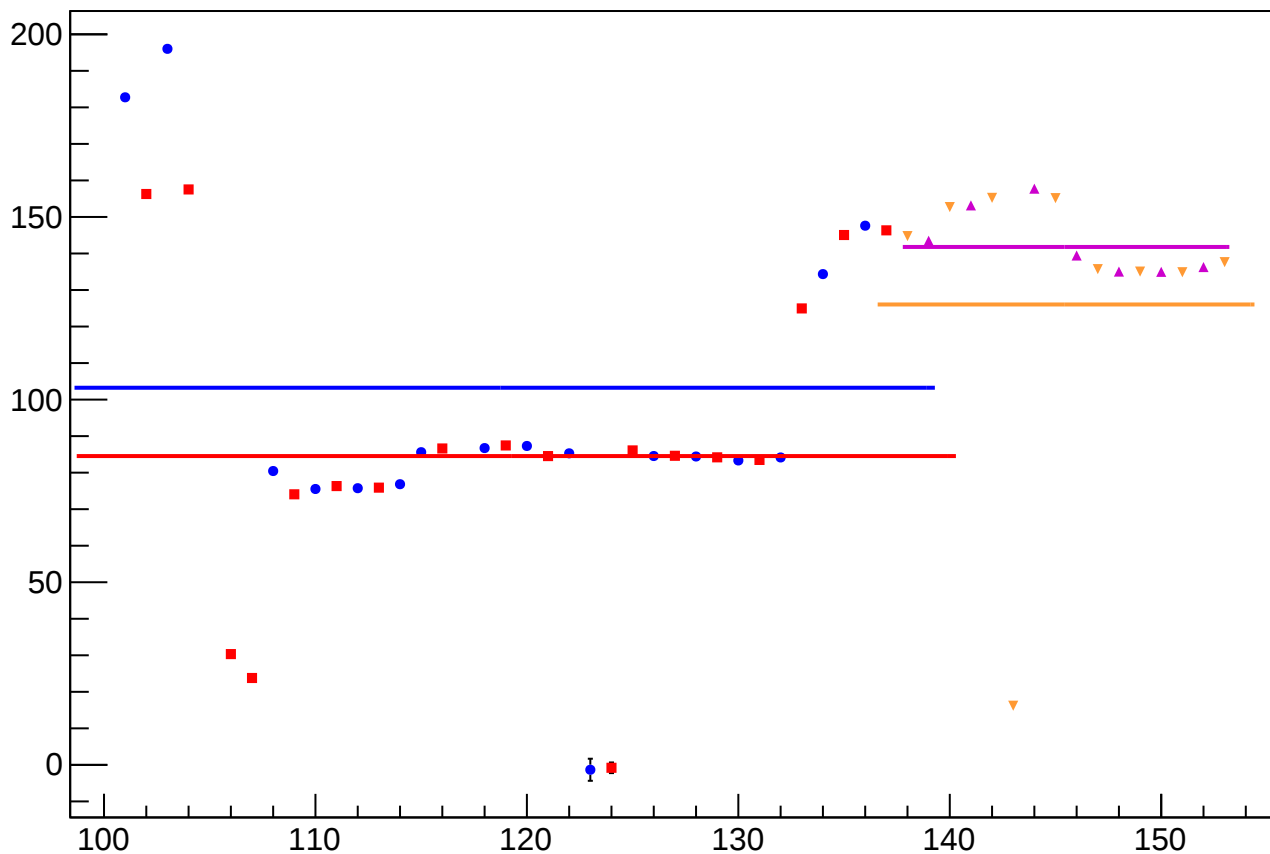
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -76.079 ± 0.868 $\chi^2/\text{NDF}: 730.1/23$

Out: -69.806 ± 0.829 $\chi^2/\text{NDF}: 1164.5/26$

All: -72.796 ± 0.600 $\chi^2/\text{NDF}: 1921.9/50$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 126.041 $\pm$ 0.070 χ^2 /NDF: 388166.7/8

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 141.789 $\pm$ 0.075 χ^2 /NDF: 11599.5/6

Left: 133.347 $\pm$ 0.051 χ^2 /NDF: 423560.4/15

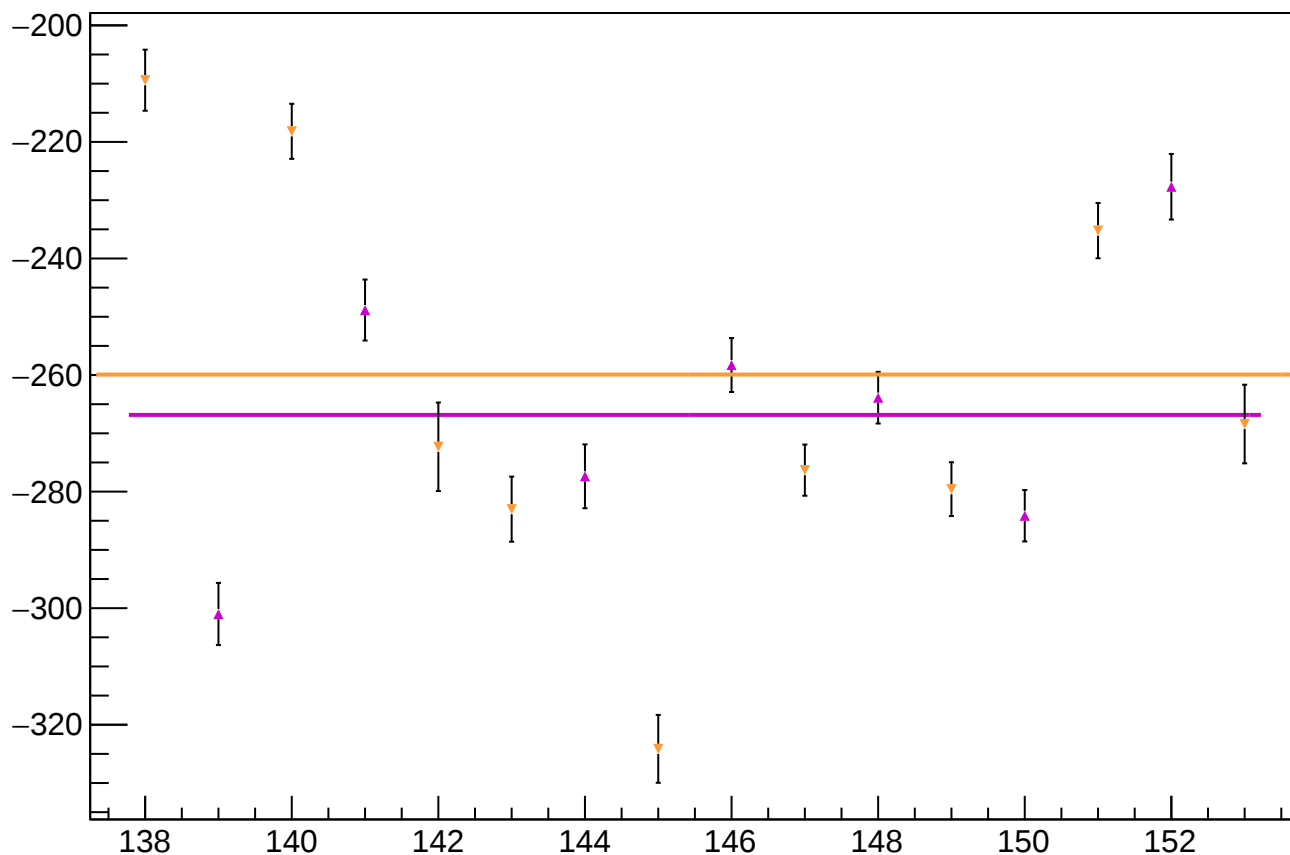
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 121.381 $\pm$ 0.051 χ^2 /NDF: 425771.2/23

Out: 103.546 $\pm$ 0.047 χ^2 /NDF: 992620.7/26

All: 111.700 $\pm$ 0.035 χ^2 /NDF: 1484072.0/50

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -259.919+/-1.753 χ^2/NDF :373.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -266.838+/-1.871 χ^2/NDF :124.2/6

Left: -263.153+/-1.280 χ^2/NDF : 504.5/15

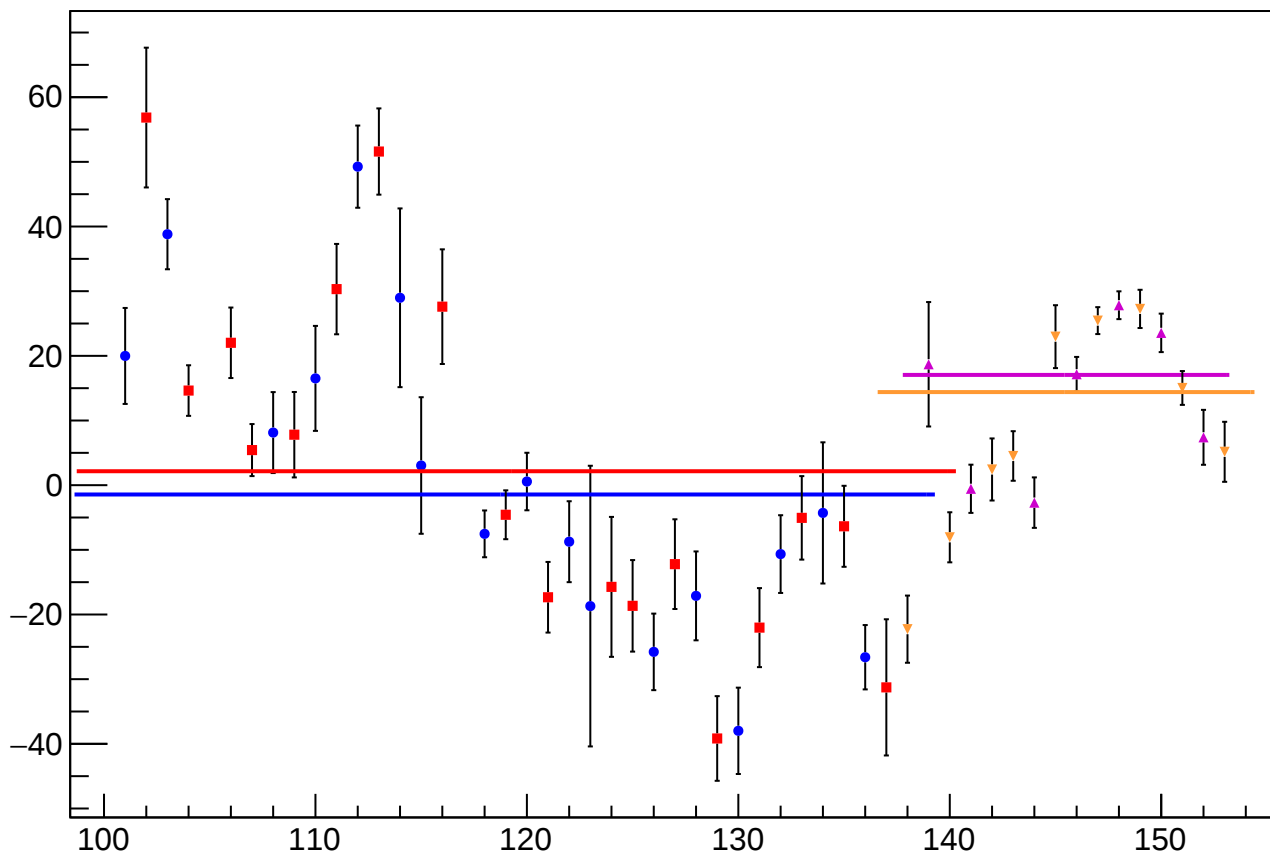
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.838+/-1.871 χ^2/NDF :124.2/6

Out: -259.919+/-1.753 χ^2/NDF :373.1/8

All: -263.153+/-1.280 χ^2/NDF : 504.5/15

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 $\chi^2/\text{NDF}: 224.4/16$

Left Out: 14.398 ± 1.121 $\chi^2/\text{NDF}: 150.6/8$

Right Out: 2.157 ± 1.401 $\chi^2/\text{NDF}: 230.2/17$

Left In: 17.051 ± 1.219 $\chi^2/\text{NDF}: 83.0/6$

Left: 15.614 ± 0.825 $\chi^2/\text{NDF}: 236.2/15$

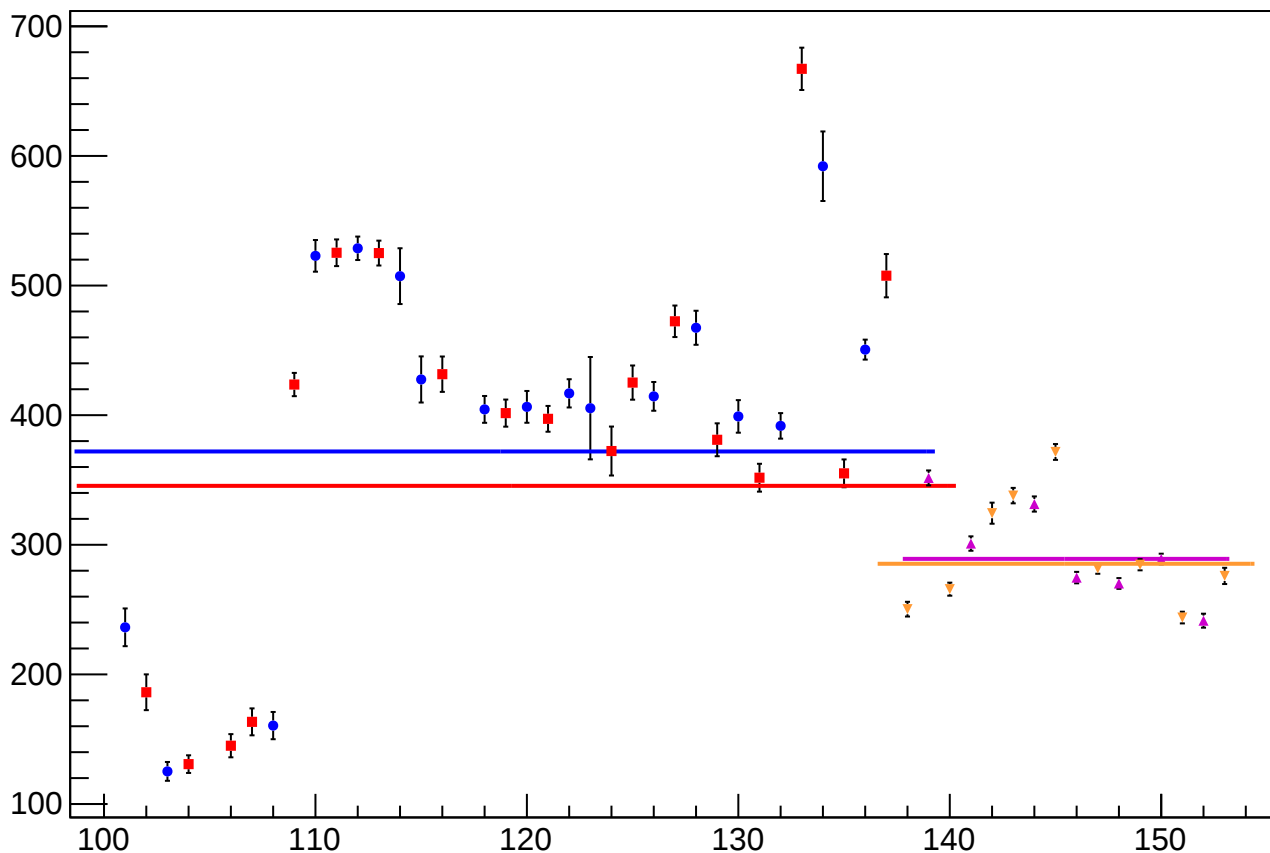
Right: 0.500 ± 1.029 $\chi^2/\text{NDF}: 457.6/34$

In: 9.789 ± 0.950 $\chi^2/\text{NDF}: 397.8/23$

Out: 9.619 ± 0.875 $\chi^2/\text{NDF}: 427.3/26$

All: 9.697 ± 0.644 $\chi^2/\text{NDF}: 825.1/50$

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997+/-2.765 χ^2/NDF : 2431.2/16

Left Out: 285.350+/-1.745 χ^2/NDF : 441.0/8

Right Out: 345.473+/-2.564 χ^2/NDF : 3401.6/17

Left In: 289.137+/-1.845 χ^2/NDF : 283.4/6

Left: 287.138+/-1.268 χ^2/NDF : 726.6/15

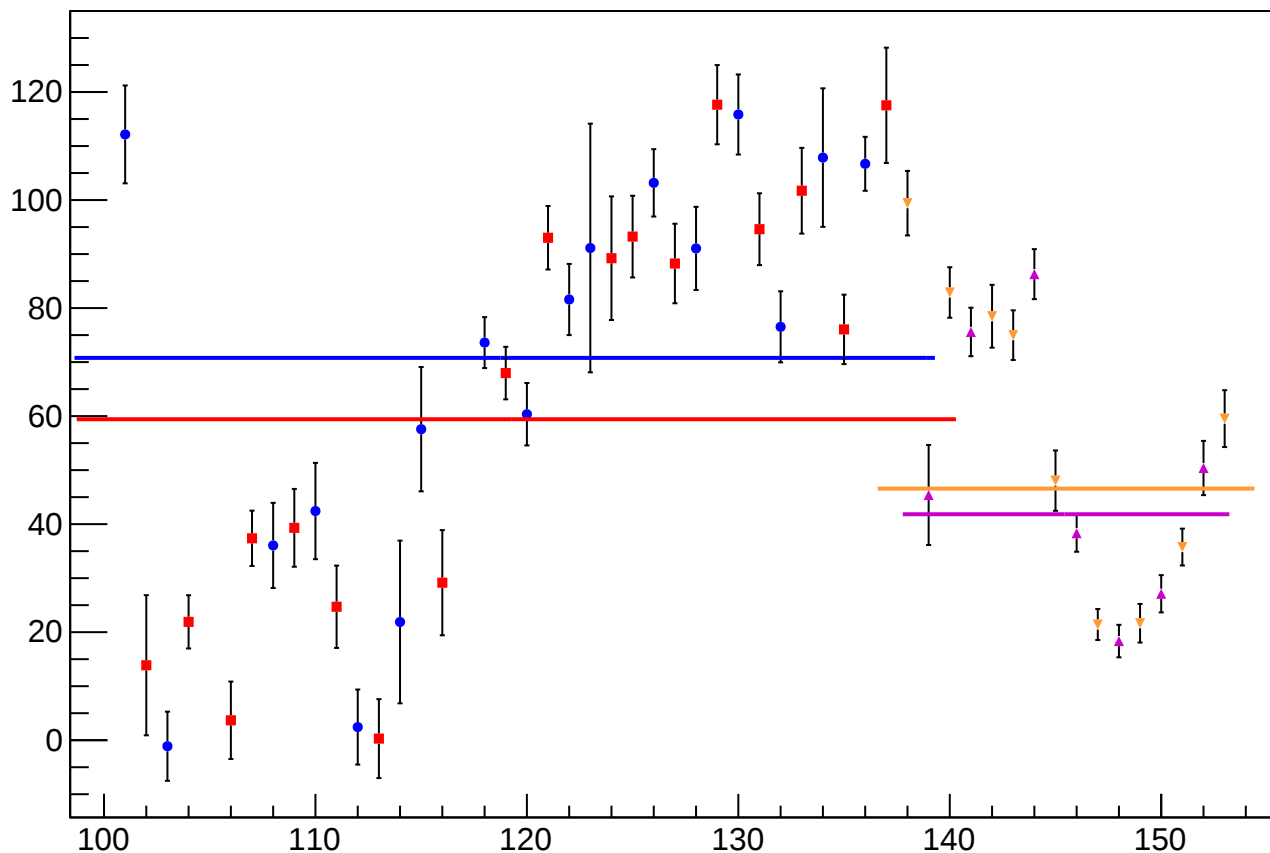
Right: 357.739+/-1.880 χ^2/NDF : 5882.3/34

In: 314.672+/-1.535 χ^2/NDF : 3336.0/23

Out: 304.386+/-1.443 χ^2/NDF : 4218.3/26

All: 309.212+/-1.051 χ^2/NDF : 7578.1/50

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: 46.582 $\pm$ 1.408 χ^2 /NDF:348.5/8

Right Out: 59.421 $\pm$ 1.632 χ^2 /NDF: 486.6/17

Left In: 41.831 $\pm$ 1.530 χ^2 /NDF:232.0/6

Left: 44.404 $\pm$ 1.036 χ^2 /NDF: 585.8/15

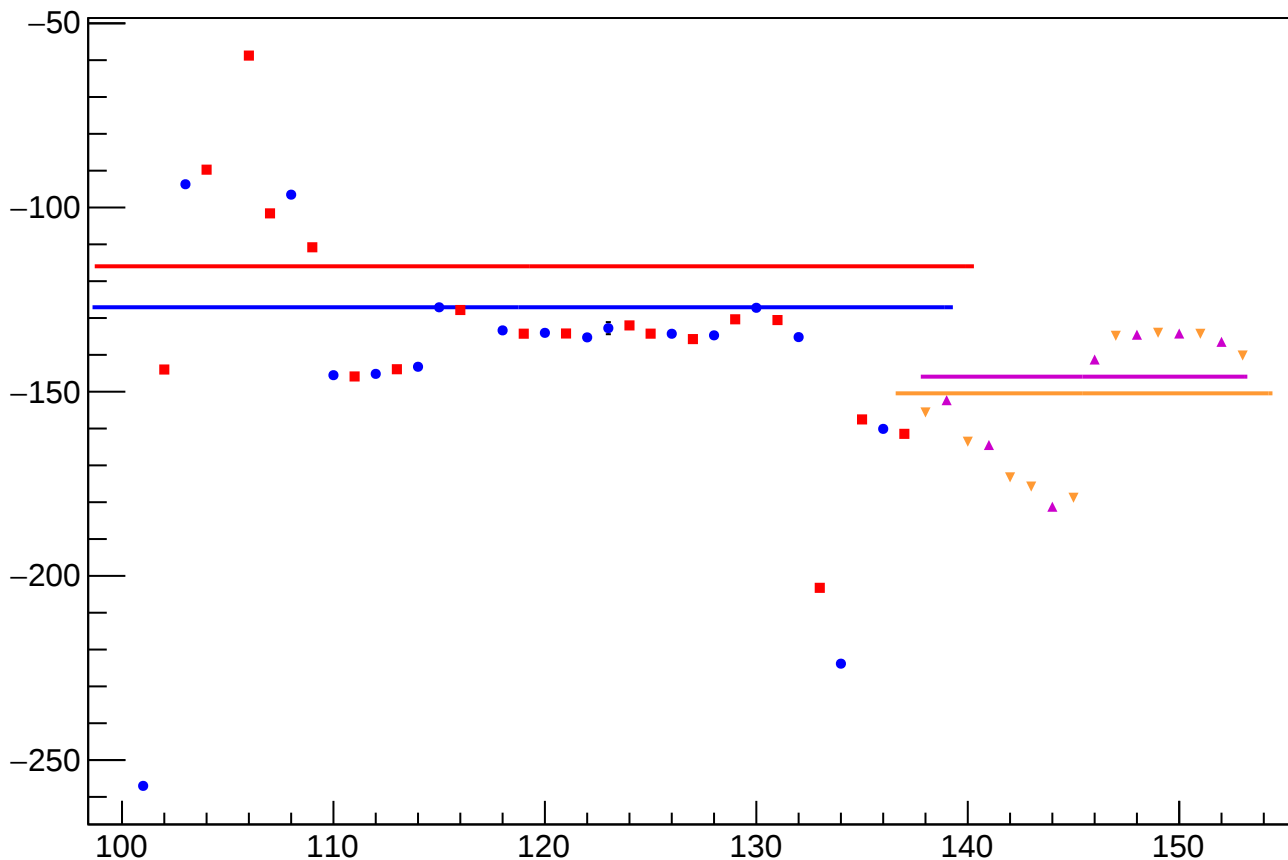
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 54.401 $\pm$ 1.151 χ^2 /NDF:811.4/23

Out: 52.060 $\pm$ 1.066 χ^2 /NDF:870.6/26

All: 53.141 $\pm$ 0.782 χ^2 /NDF: 1684.2/50

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: -150.445+/-0.073 χ^2/NDF : 56992.2/8

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -145.918+/-0.077 χ^2/NDF : 37748.3/6

Left: -148.289+/-0.053 χ^2/NDF : 96549.3/15

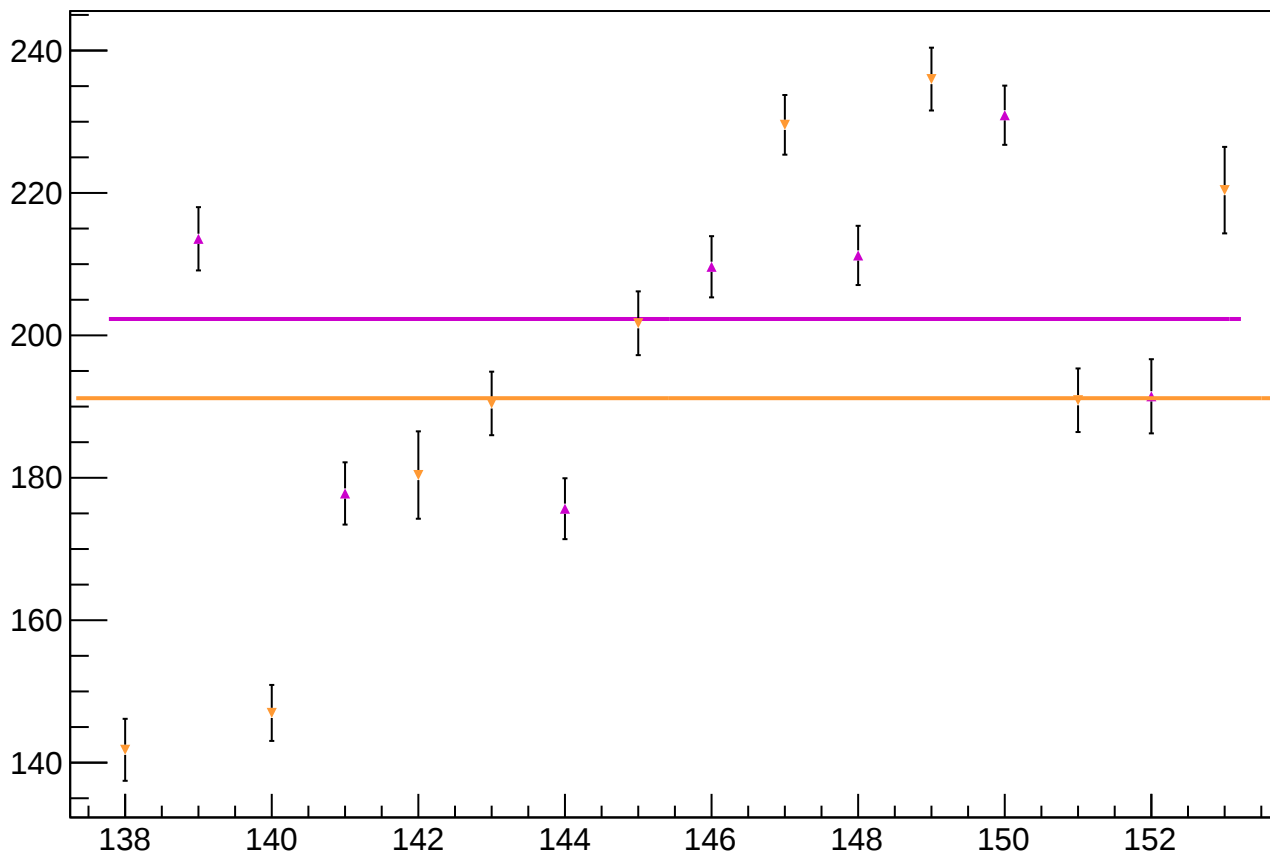
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -137.902+/-0.058 χ^2/NDF : 230227.7/23

Out: -135.301+/-0.055 χ^2/NDF : 312760.5/26

All: -136.524+/-0.040 χ^2/NDF : 544039.7/50

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: 191.178+/-1.525 χ^2/NDF :474.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 202.300+/-1.657 χ^2/NDF :135.9/6

Left: 196.281+/-1.122 χ^2/NDF : 634.3/15

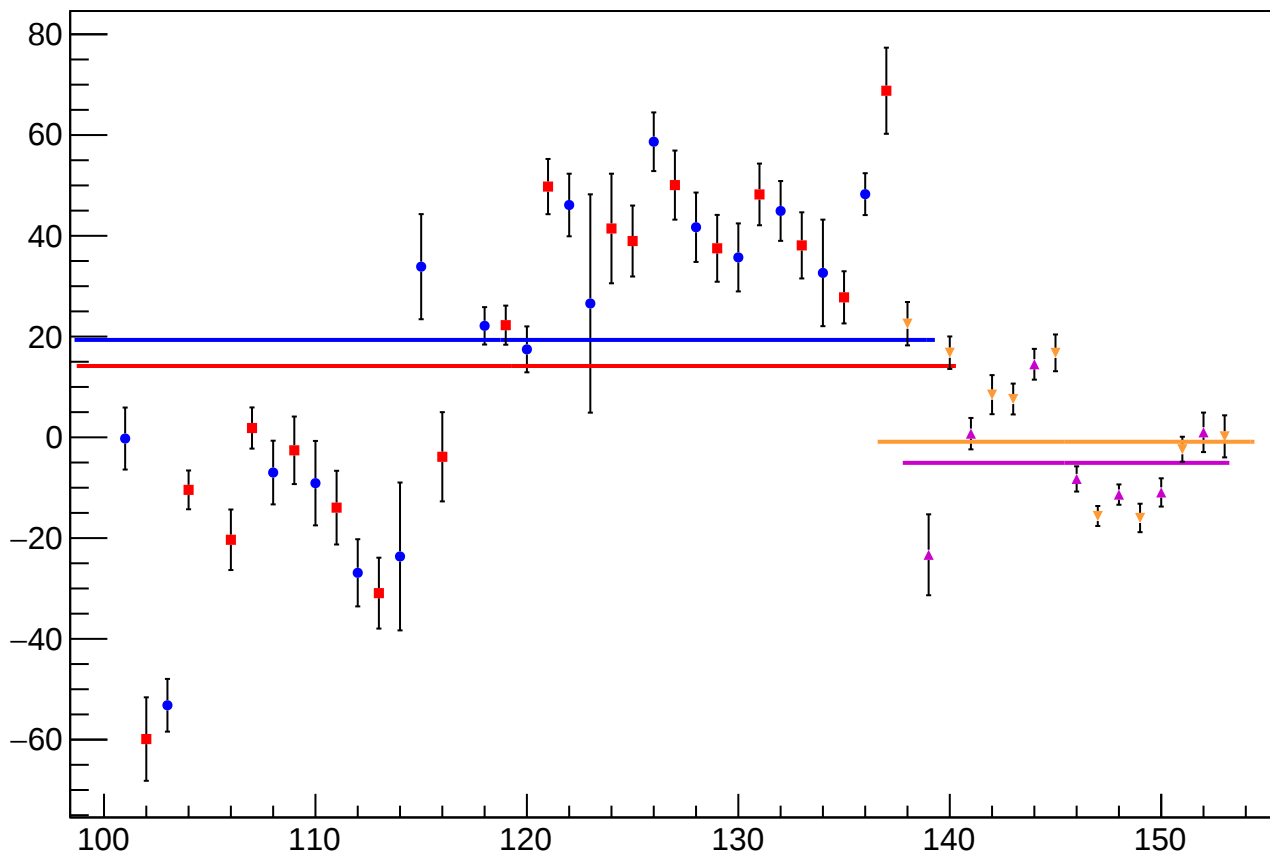
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 202.300+/-1.657 χ^2/NDF :135.9/6

Out: 191.178+/-1.525 χ^2/NDF :474.1/8

All: 196.281+/-1.122 χ^2/NDF : 634.3/15

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 χ^2/NDF : 439.8/16

Left Out: -0.879 ± 1.001 χ^2/NDF : 180.8/8

Right Out: 14.162 ± 1.391 χ^2/NDF : 426.0/17

Left In: -5.065 ± 1.102 χ^2/NDF : 67.8/6

Left: -2.772 ± 0.741 χ^2/NDF : 256.5/15

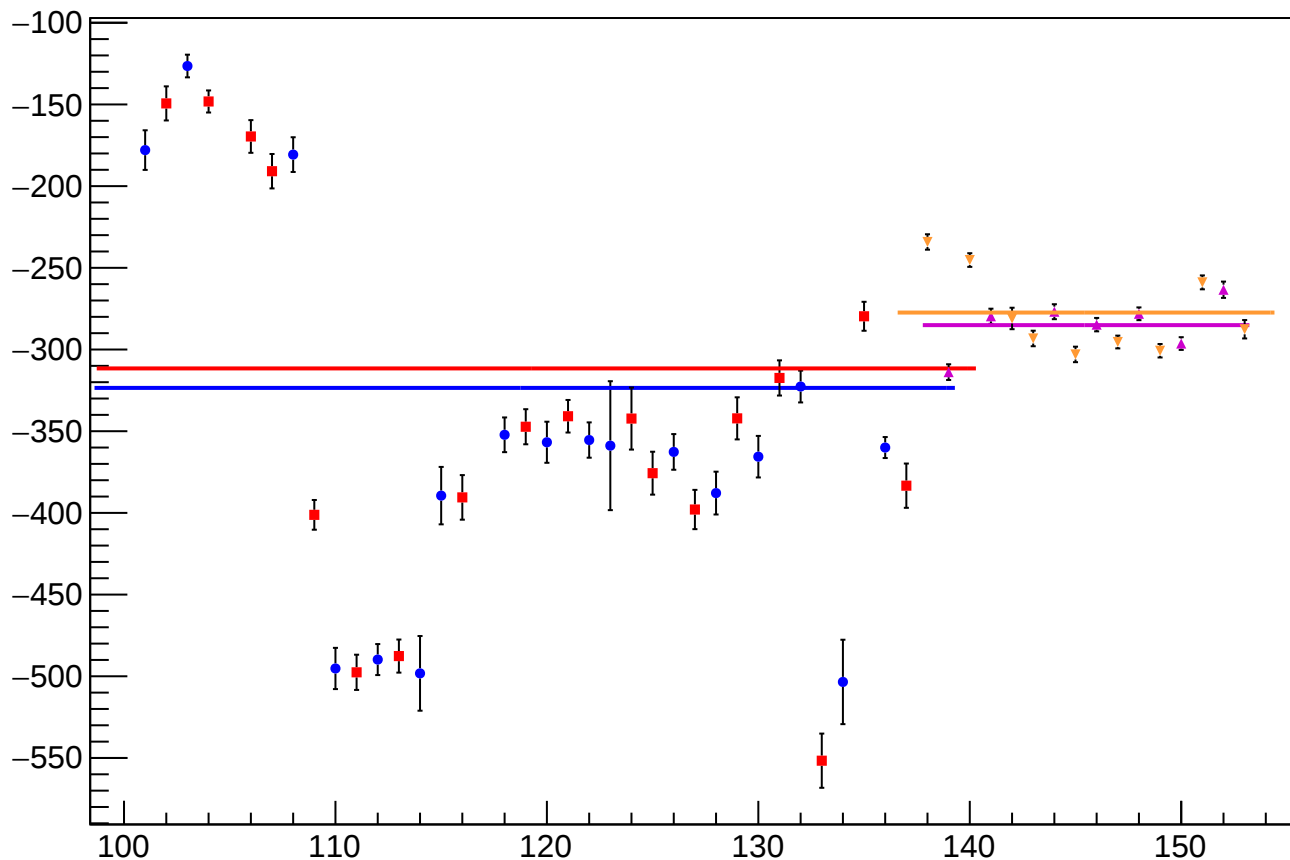
Right: 16.585 ± 1.014 χ^2/NDF : 872.4/34

In: 3.624 ± 0.885 χ^2/NDF : 682.2/23

Out: 4.252 ± 0.813 χ^2/NDF : 683.8/26

All: 3.965 ± 0.598 χ^2/NDF : 1366.2/50

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -277.374 ± 1.535 $\chi^2/\text{NDF}: 258.9/8$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.073 ± 1.647 $\chi^2/\text{NDF}: 70.8/6$

Left: -280.952 ± 1.123 $\chi^2/\text{NDF}: 341.4/15$

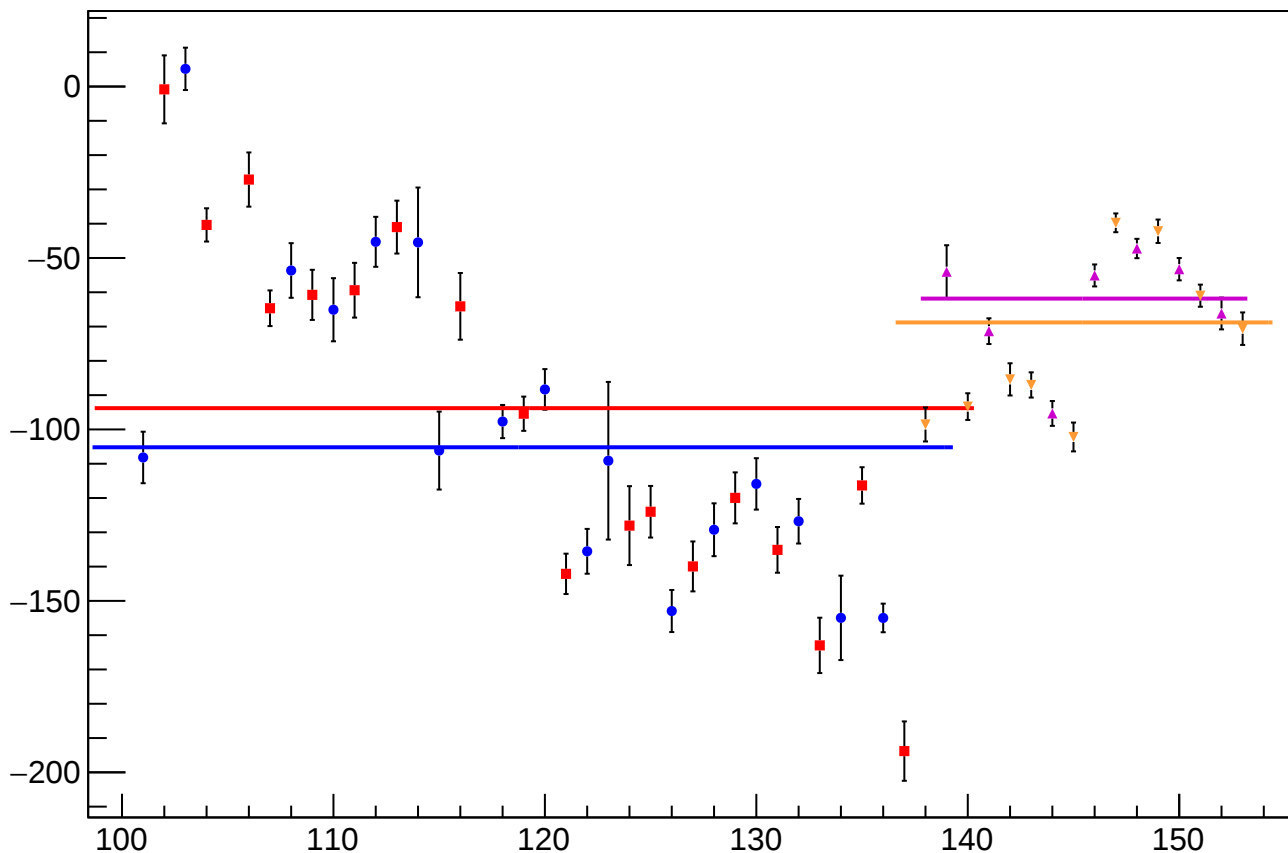
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -295.645 ± 1.402 $\chi^2/\text{NDF}: 2068.1/23$

Out: -286.588 ± 1.312 $\chi^2/\text{NDF}: 2636.5/26$

All: -290.815 ± 0.958 $\chi^2/\text{NDF}: 4726.9/50$

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: -68.796 ± 1.247 χ^2/NDF : 355.4/8

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -61.844 ± 1.376 χ^2/NDF : 132.1/6

Left: -65.661 ± 0.924 χ^2/NDF : 501.6/15

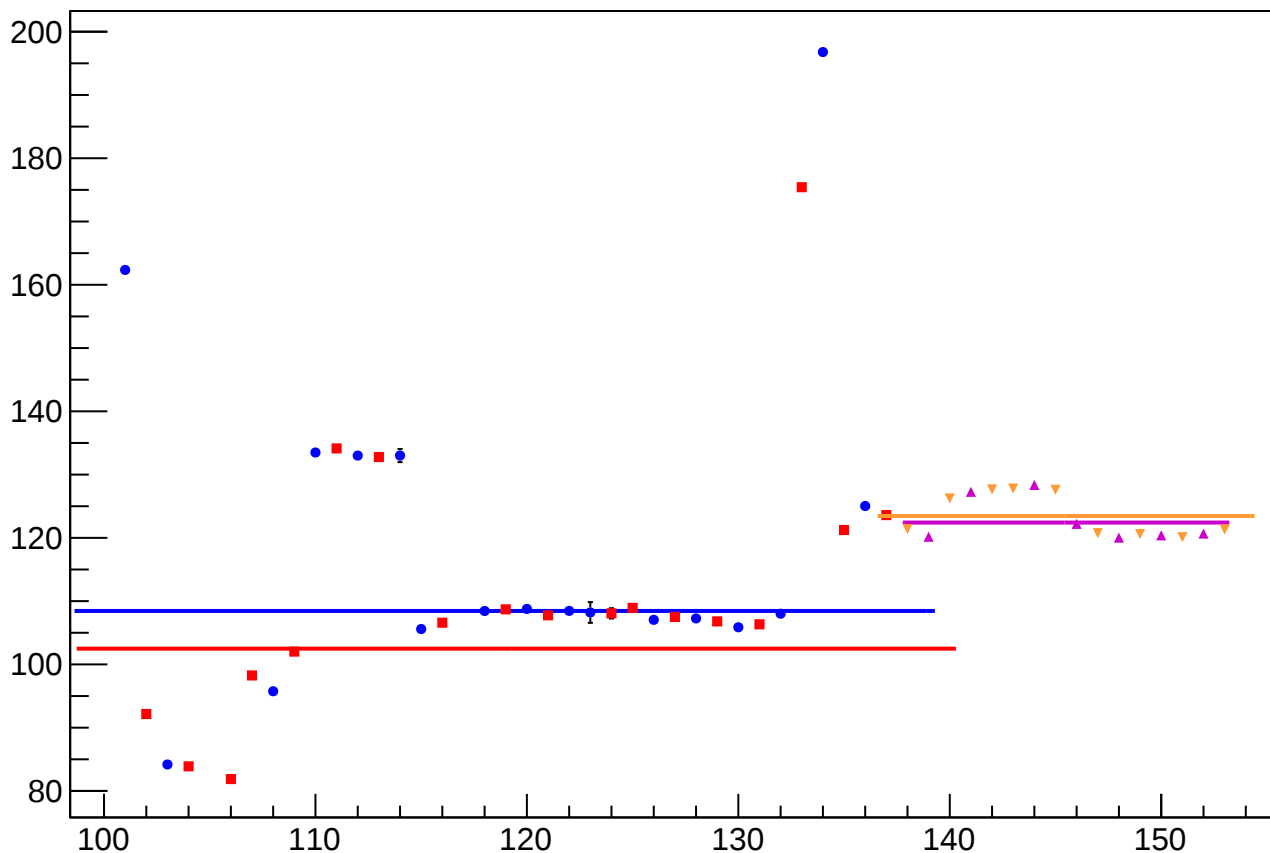
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -79.047 ± 1.069 χ^2/NDF : 1261.7/23

Out: -78.164 ± 0.986 χ^2/NDF : 1321.3/26

All: -78.570 ± 0.725 χ^2/NDF : 2583.4/50

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: 123.461 $\pm$ 0.064 χ^2 /NDF: 2523.3/8

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 122.419 $\pm$ 0.068 χ^2 /NDF: 2159.3/6

Left: 122.974 $\pm$ 0.047 χ^2 /NDF: 4806.0/15

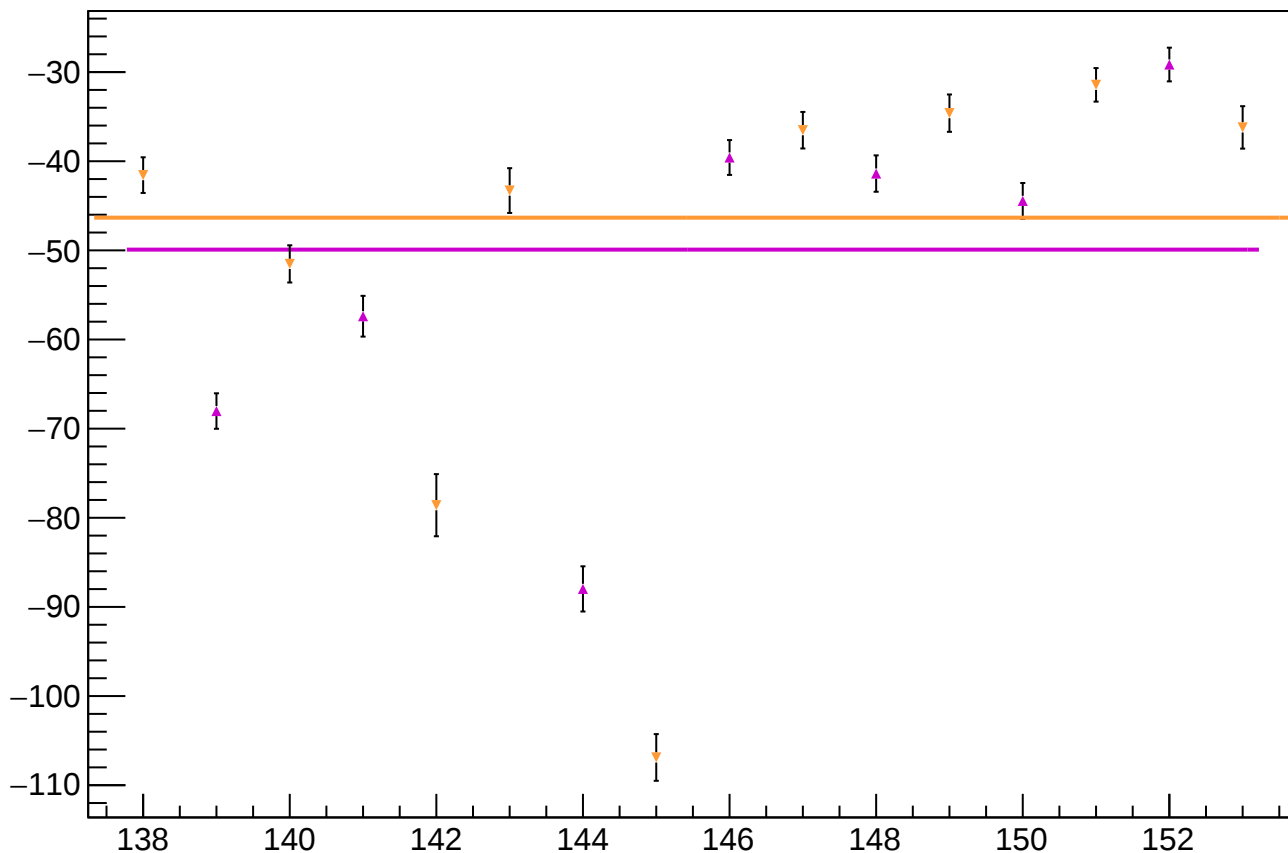
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 116.905 $\pm$ 0.053 χ^2 /NDF: 91857.5/23

Out: 115.207 $\pm$ 0.050 χ^2 /NDF: 97519.7/26

All: 116.001 $\pm$ 0.036 χ^2 /NDF: 189918.1/50

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: -46.332+/-0.747 χ^2/NDF : 768.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Left: -48.039+/-0.541 χ^2/NDF : 1271.9/15

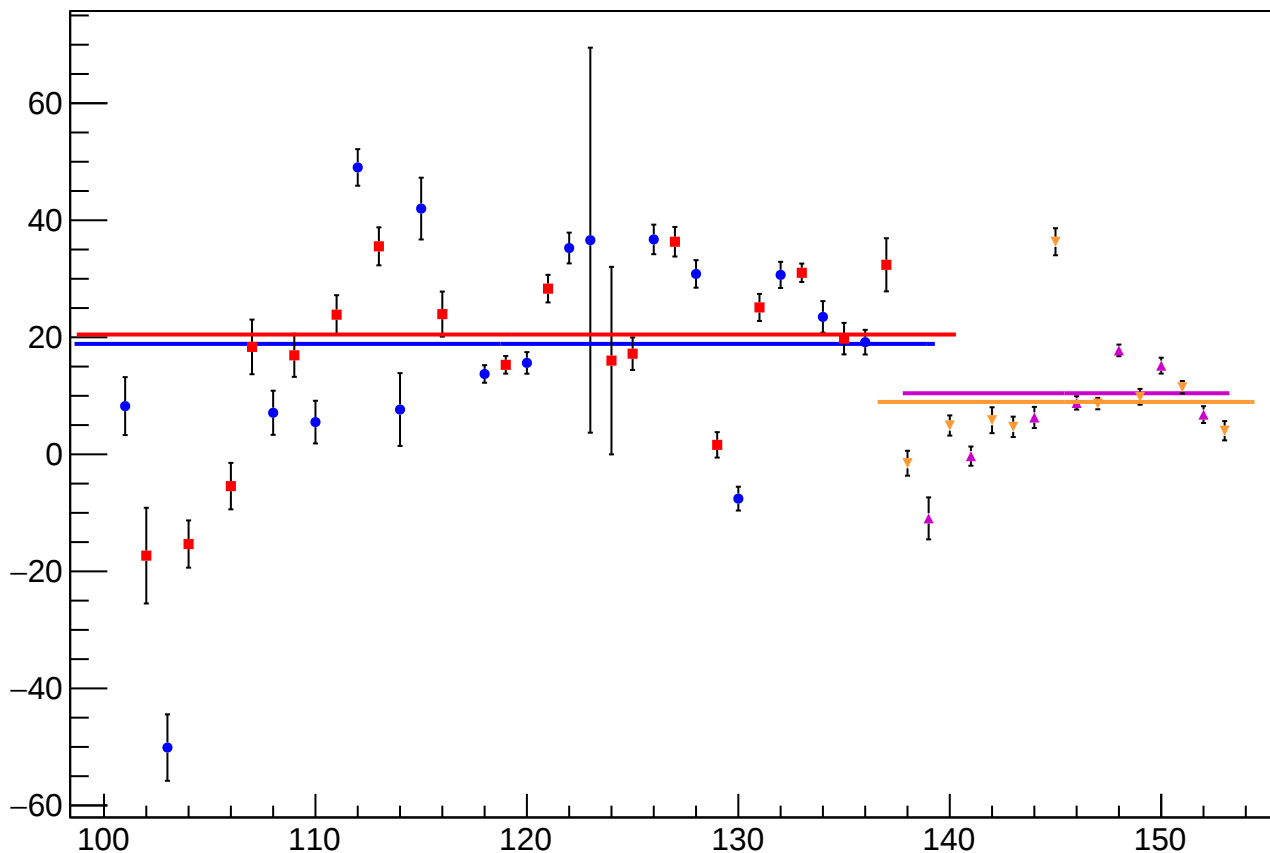
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -49.916+/-0.784 χ^2/NDF : 492.3/6

Out: -46.332+/-0.747 χ^2/NDF : 768.6/8

All: -48.039+/-0.541 χ^2/NDF : 1271.9/15

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.876 $\pm$ 0.644 χ^2 /NDF: 620.5/16

Left Out: 8.956 $\pm$ 0.492 χ^2 /NDF:193.0/8

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 10.439 $\pm$ 0.529 χ^2 /NDF:158.9/6

Left: 9.643 $\pm$ 0.360 χ^2 /NDF: 356.1/15

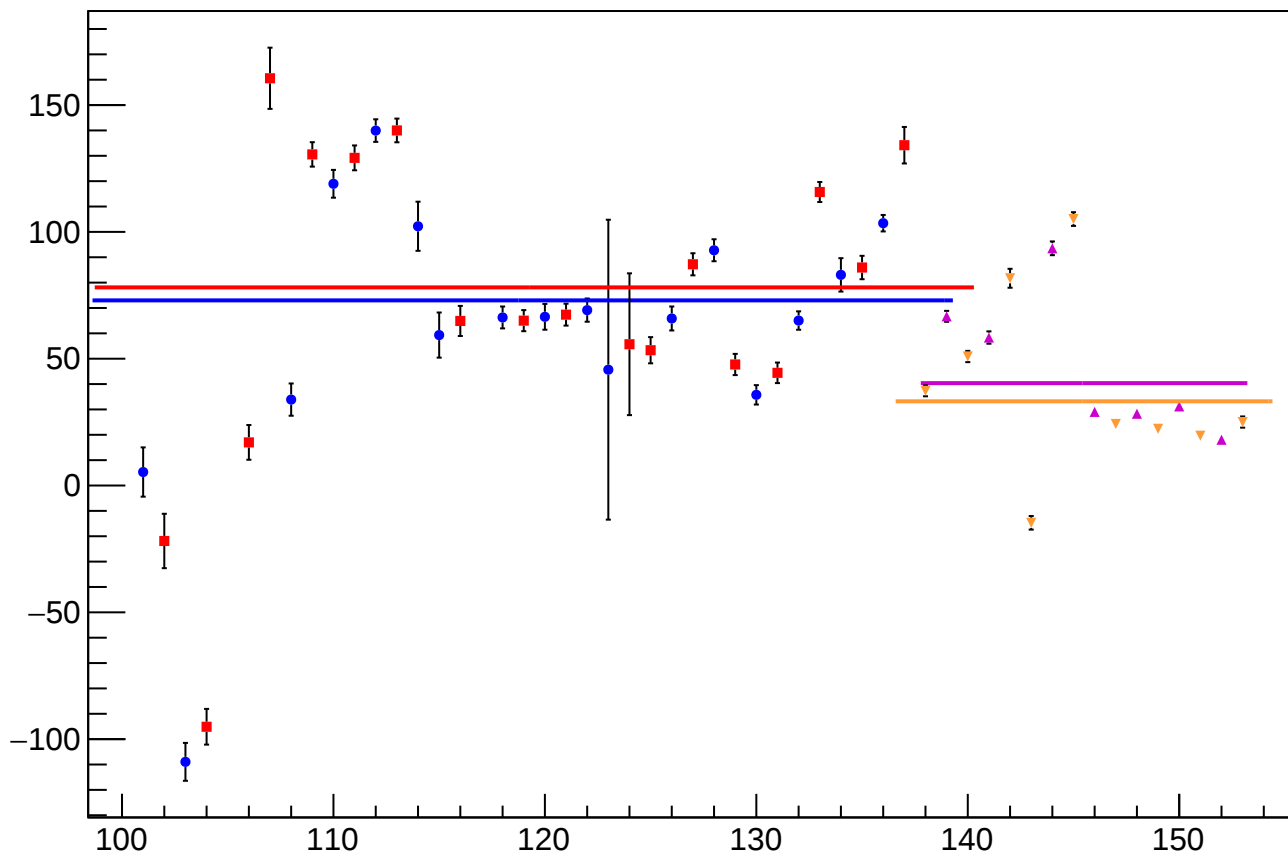
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 13.838 $\pm$ 0.409 χ^2 /NDF:881.7/23

Out: 13.202 $\pm$ 0.391 χ^2 /NDF:757.7/26

All: 13.505 $\pm$ 0.283 χ^2 /NDF: 1640.7/50

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 $\chi^2/\text{NDF}: 1205.5/16$

Left Out: 33.196 ± 0.744 $\chi^2/\text{NDF}: 1384.6/8$

Right Out: 78.119 ± 1.224 $\chi^2/\text{NDF}: 1546.8/17$

Left In: 40.371 ± 0.774 $\chi^2/\text{NDF}: 840.8/6$

Left: 36.638 ± 0.536 $\chi^2/\text{NDF}: 2270.1/15$

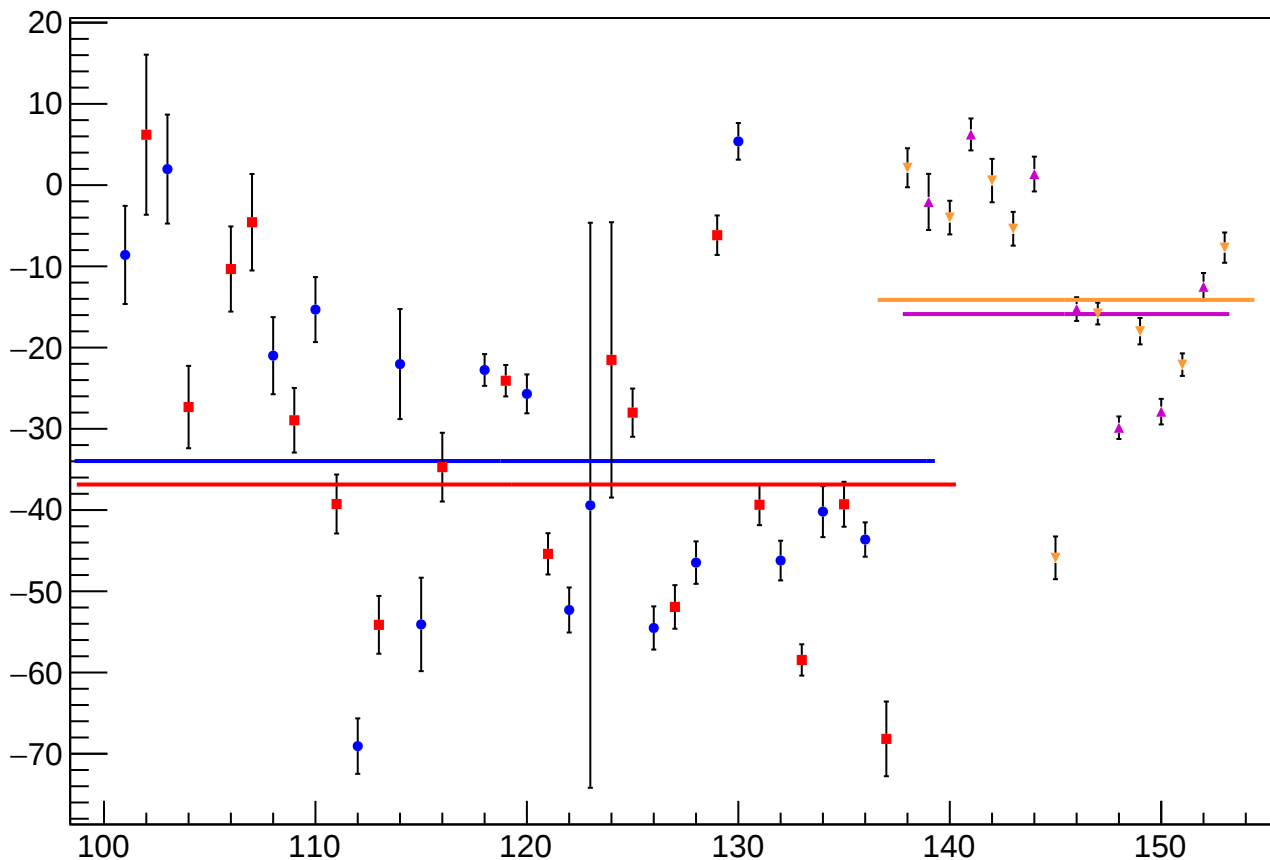
Right: 75.568 ± 0.868 $\chi^2/\text{NDF}: 2761.0/34$

In: 49.629 ± 0.655 $\chi^2/\text{NDF}: 2550.0/23$

Out: 45.307 ± 0.635 $\chi^2/\text{NDF}: 3915.5/26$

All: 47.402 ± 0.456 $\chi^2/\text{NDF}: 6487.9/50$

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: -14.129 ± 0.613 χ^2/NDF : 315.6/8

Right Out: -36.856 ± 0.737 χ^2/NDF : 535.3/17

Left In: -15.874 ± 0.659 χ^2/NDF : 371.1/6

Left: -14.937 ± 0.449 χ^2/NDF : 690.5/15

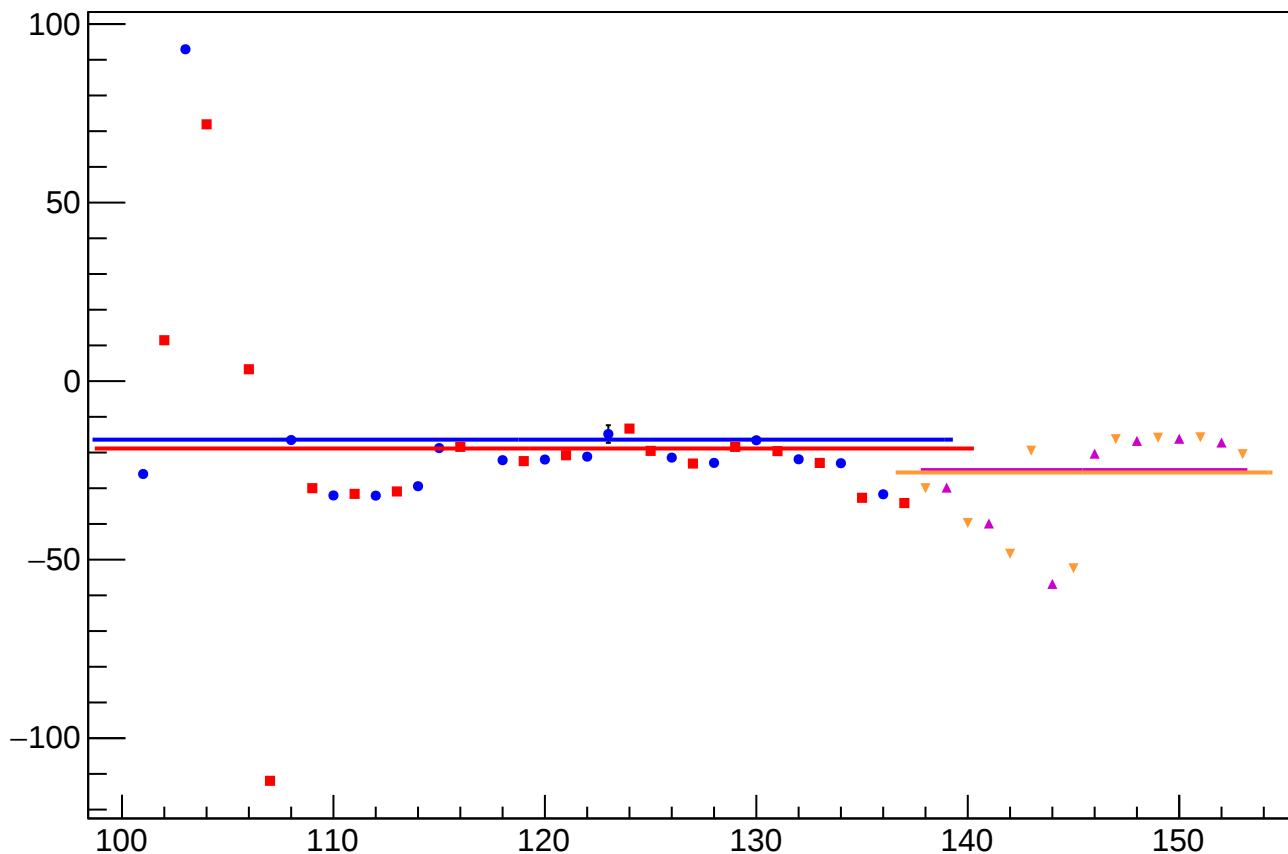
Right: -35.411 ± 0.521 χ^2/NDF : 1264.9/34

In: -23.909 ± 0.492 χ^2/NDF : 1427.4/23

Out: -23.417 ± 0.471 χ^2/NDF : 1413.3/26

All: -23.653 ± 0.340 χ^2/NDF : 2841.2/50

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: -25.587 ± 0.031 $\chi^2/\text{NDF}: 157282.5/8$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -24.913 ± 0.032 $\chi^2/\text{NDF}: 135305.8/6$

Left: -25.263 ± 0.022 $\chi^2/\text{NDF}: 292818.4/15$

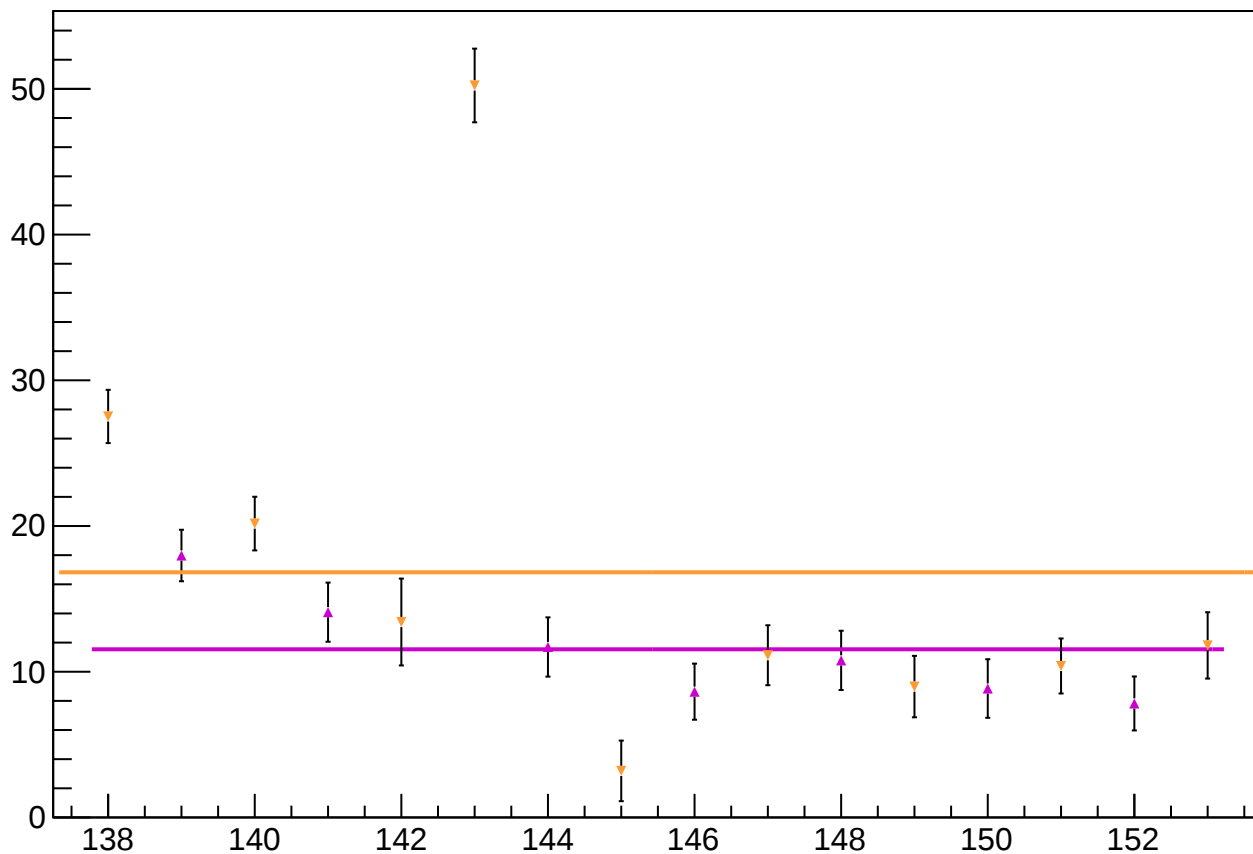
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -22.002 ± 0.026 $\chi^2/\text{NDF}: 633820.5/23$

Out: -23.462 ± 0.025 $\chi^2/\text{NDF}: 605675.0/26$

All: -22.746 ± 0.018 $\chi^2/\text{NDF}: 1241105.7/50$

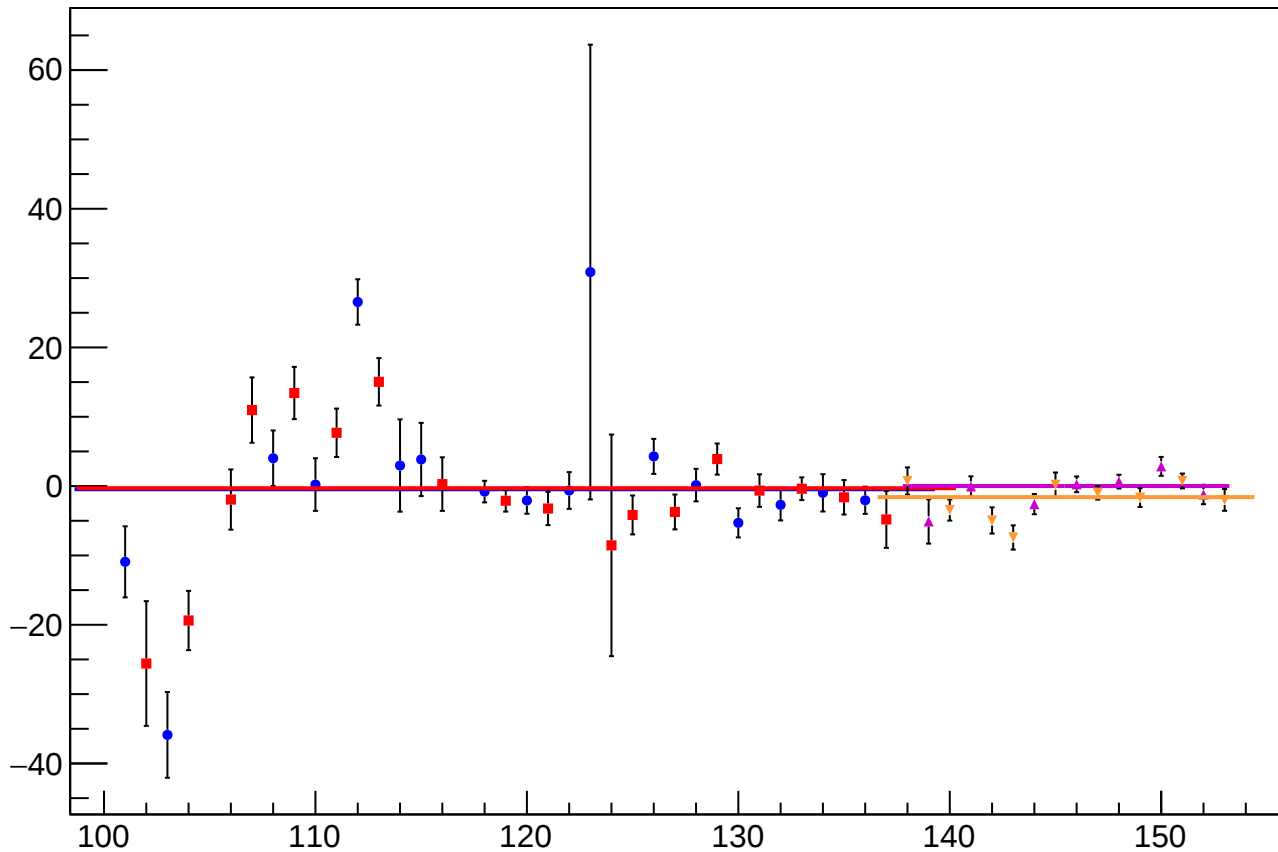
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.540+/-0.734 χ^2/NDF :23.1/6

Left: 14.301+/-0.507 χ^2/NDF : 344.7/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.540+/-0.734 χ^2/NDF :23.1/6
 Out: 16.824+/-0.702 χ^2/NDF :294.5/8
 All: 14.301+/-0.507 χ^2/NDF : 344.7/15

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.452 ± 0.654 χ^2/NDF : 119.5/16

Left Out: -1.586 ± 0.473 χ^2/NDF : 23.3/8

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.012 ± 0.507 χ^2/NDF : 11.3/6

Left: -0.843 ± 0.346 χ^2/NDF : 39.9/15

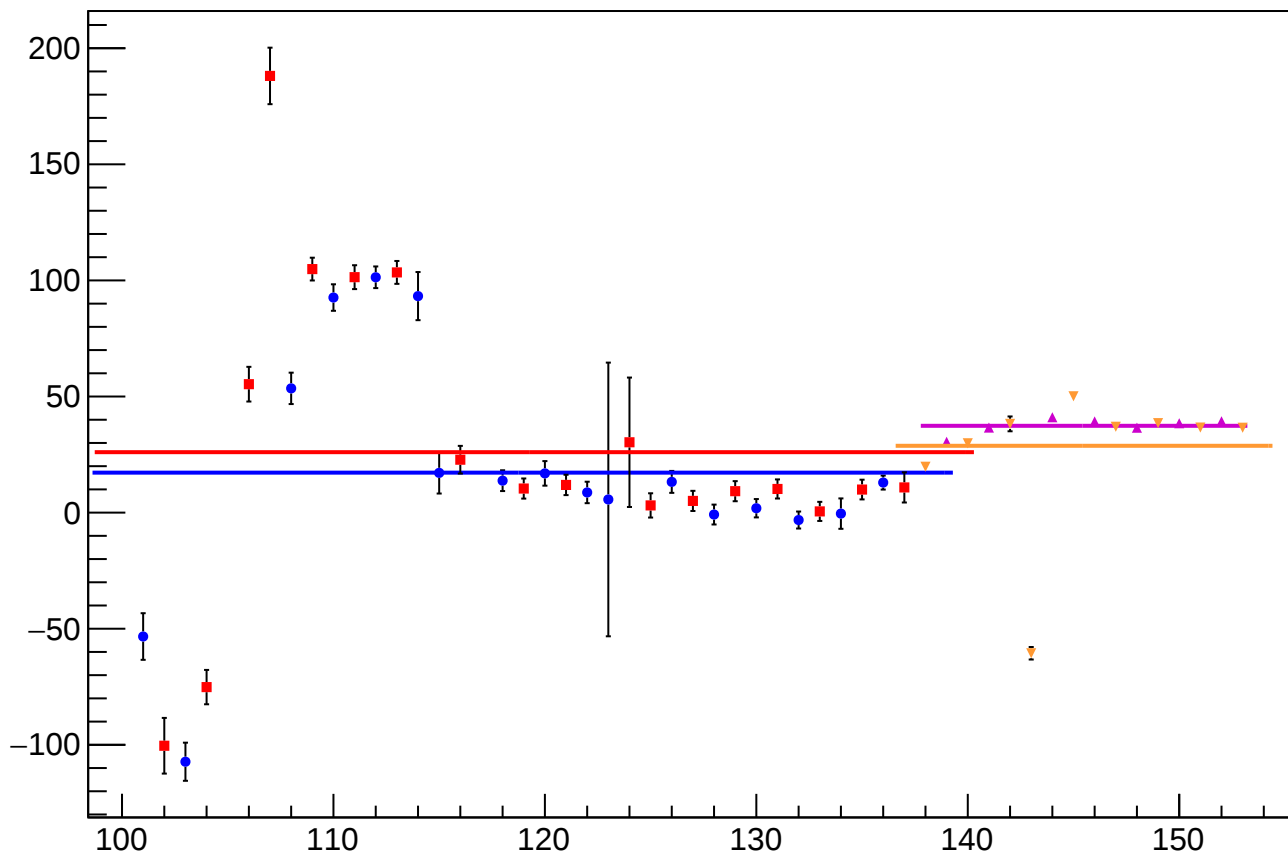
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.162 ± 0.401 χ^2/NDF : 131.2/23

Out: -1.150 ± 0.384 χ^2/NDF : 109.9/26

All: -0.677 ± 0.277 χ^2/NDF : 244.2/50

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: 28.780 ± 0.704 χ^2/NDF : 1298.6/8

Right Out: 26.032 ± 1.244 χ^2/NDF : 1366.0/17

Left In: 37.387 ± 0.731 χ^2/NDF : 18.7/6

Left: 32.919 ± 0.507 χ^2/NDF : 1389.3/15

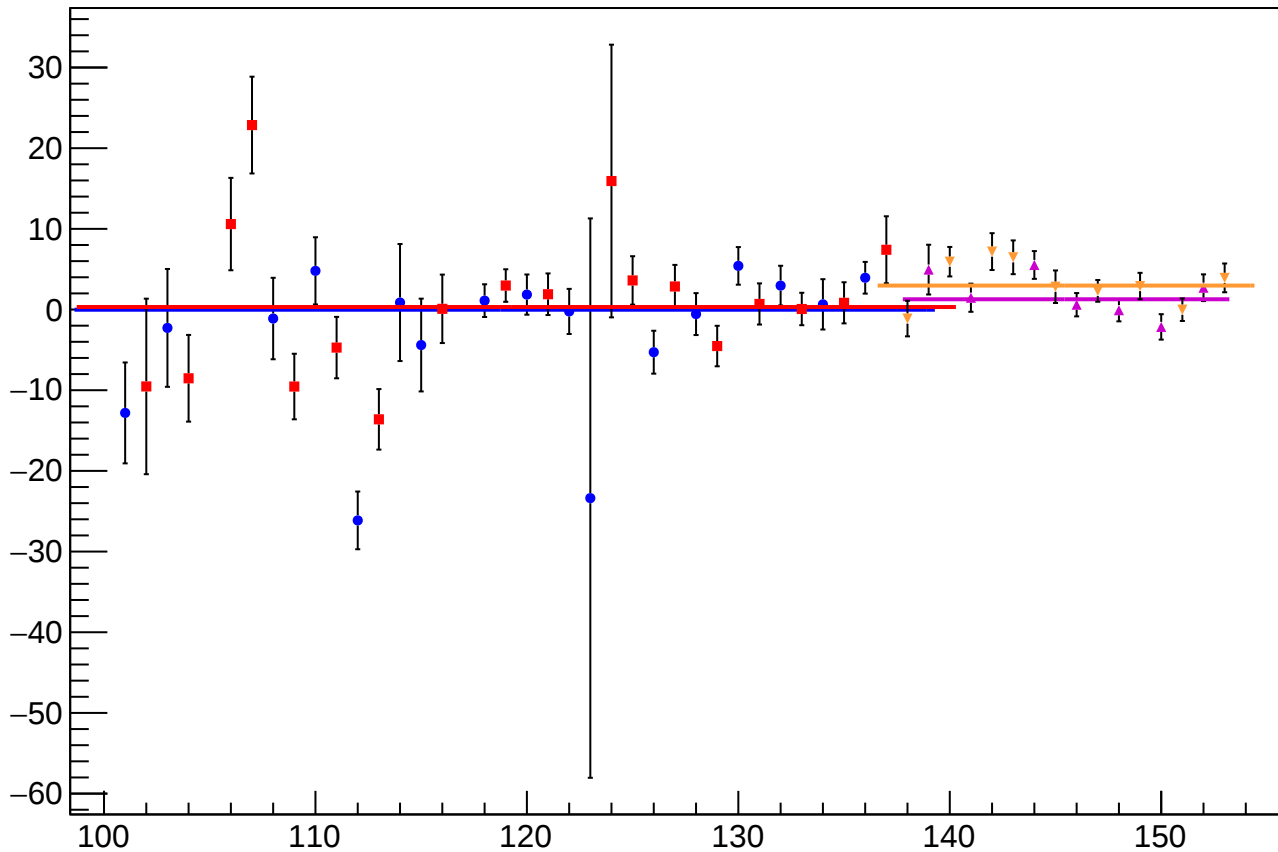
Right: 21.614 ± 0.879 χ^2/NDF : 2331.3/34

In: 32.190 ± 0.630 χ^2/NDF : 1155.0/23

Out: 28.114 ± 0.612 χ^2/NDF : 2668.3/26

All: 30.094 ± 0.439 χ^2/NDF : 3844.8/50

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.022 ± 0.745 χ^2/NDF : 75.8/16

Left Out: 2.972 ± 0.585 χ^2/NDF : 17.4/8

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.272 ± 0.628 χ^2/NDF : 14.2/6

Left: 2.182 ± 0.428 χ^2/NDF : 35.5/15

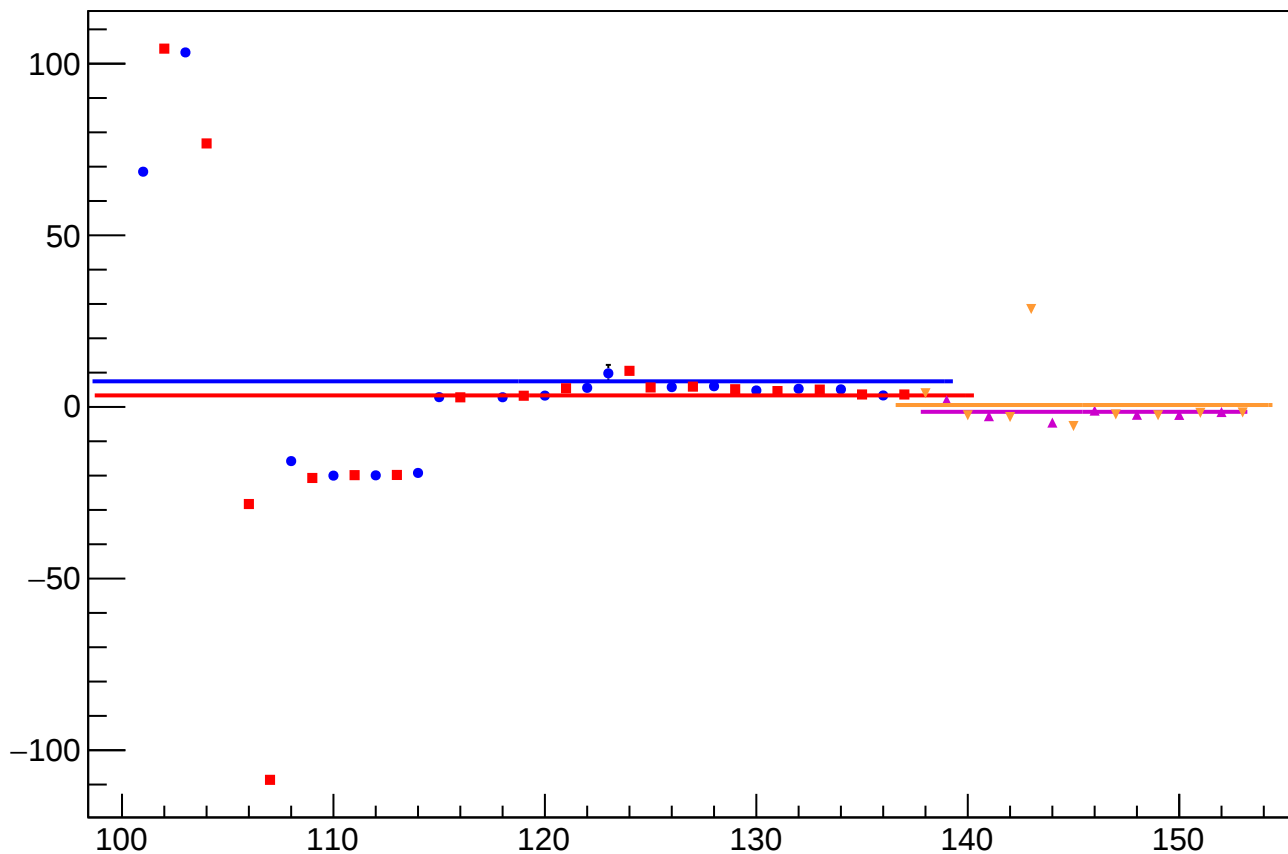
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.735 ± 0.480 χ^2/NDF : 91.8/23

Out: 1.965 ± 0.461 χ^2/NDF : 79.3/26

All: 1.375 ± 0.333 χ^2/NDF : 174.5/50

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: 0.564 $\pm$ 0.029 χ^2 /NDF: 79614.7/8

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.419 $\pm$ 0.030 χ^2 /NDF: 4132.6/6

Left: -0.390 $\pm$ 0.021 χ^2 /NDF: 85996.8/15

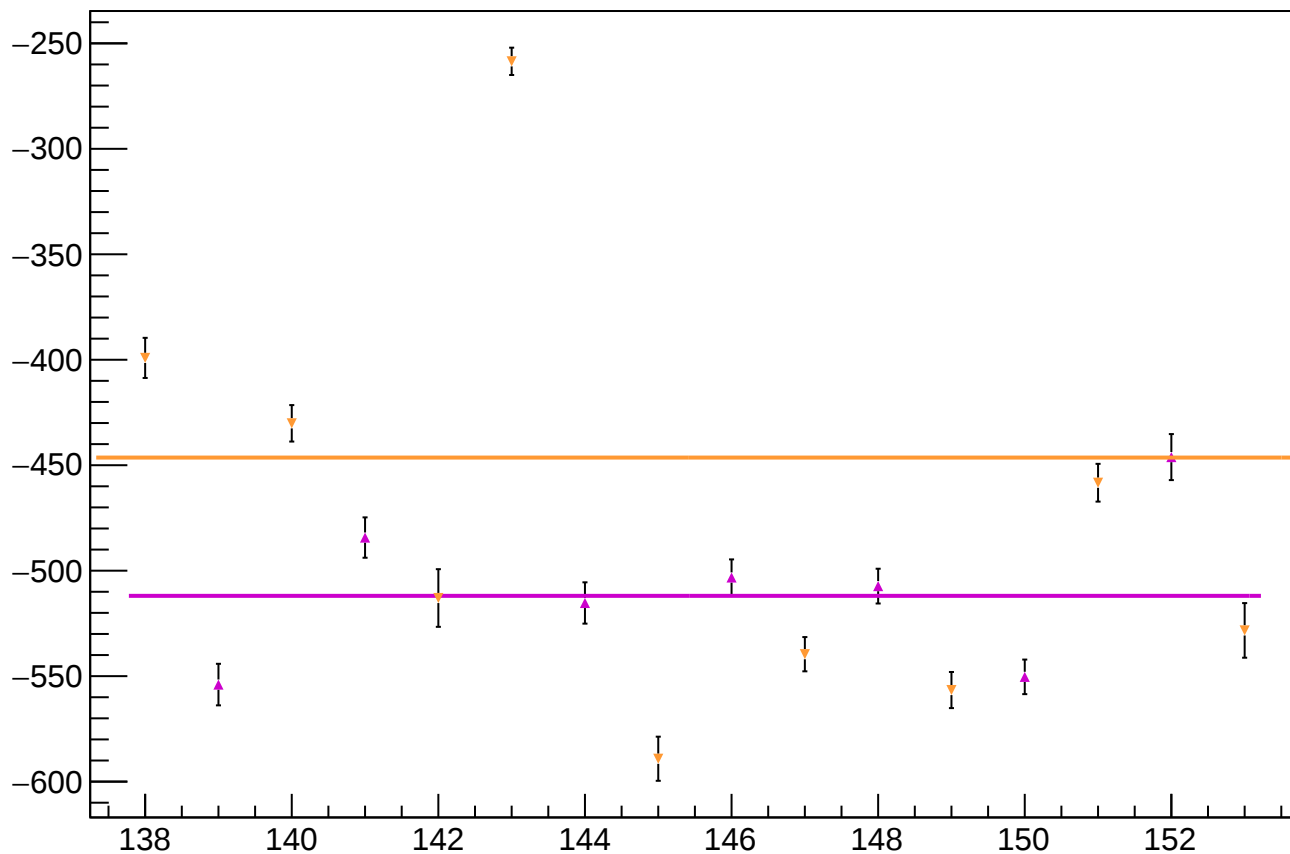
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 1.375 $\pm$ 0.025 χ^2 /NDF: 387394.1/23

Out: 1.370 $\pm$ 0.024 χ^2 /NDF: 587107.1/26

All: 1.372 $\pm$ 0.017 χ^2 /NDF: 974501.2/50

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: -446.373 ± 3.015 χ^2/NDF : 1418.9/8

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -511.928 ± 3.465 χ^2/NDF : 86.4/6

Left: -474.616 ± 2.274 χ^2/NDF : 1709.0/15

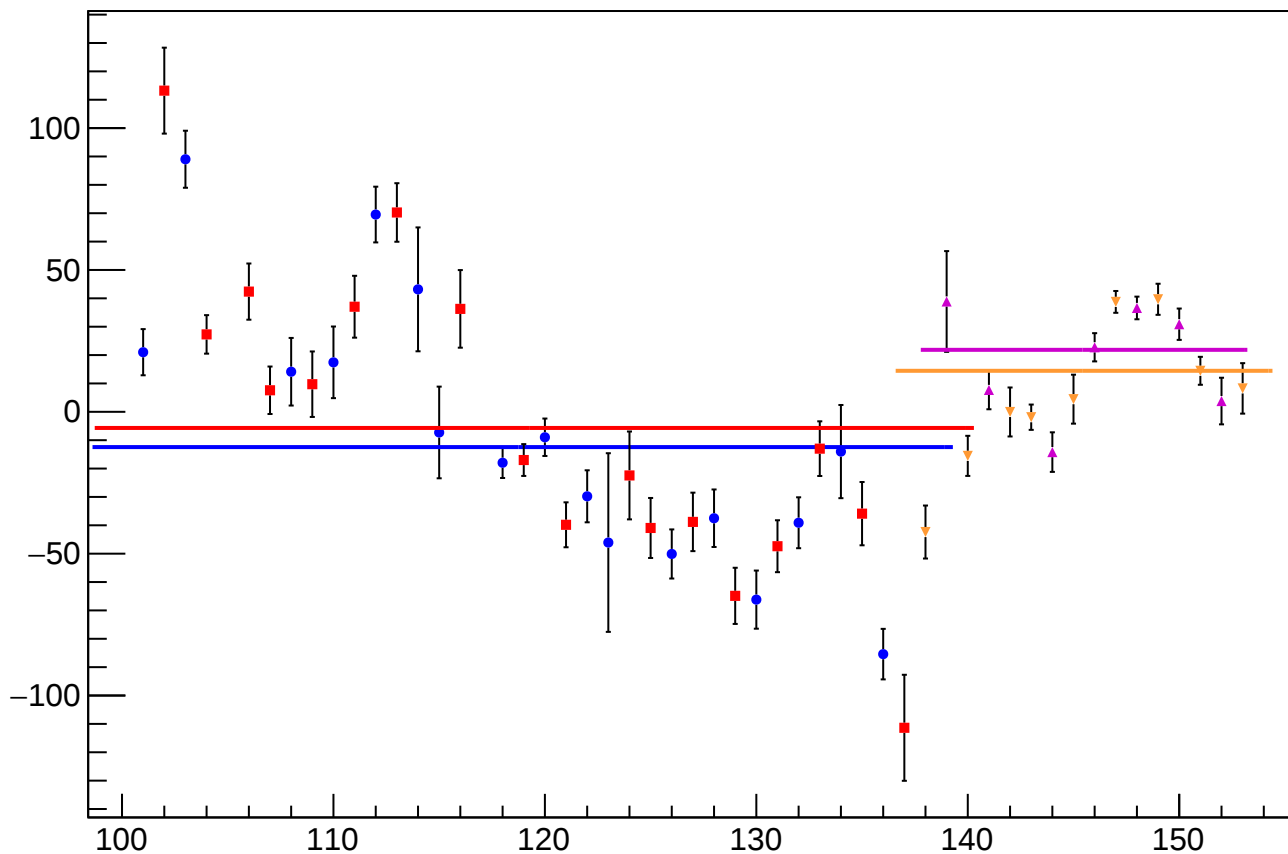
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -511.928 ± 3.465 χ^2/NDF : 86.4/6

Out: -446.373 ± 3.015 χ^2/NDF : 1418.9/8

All: -474.616 ± 2.274 χ^2/NDF : 1709.0/15

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: 14.457 ± 1.948 χ^2/NDF : 134.2/8

Right Out: -5.686 ± 2.263 χ^2/NDF : 333.7/17

Left In: 21.849 ± 2.259 χ^2/NDF : 53.1/6

Left: 17.611 ± 1.475 χ^2/NDF : 193.5/15

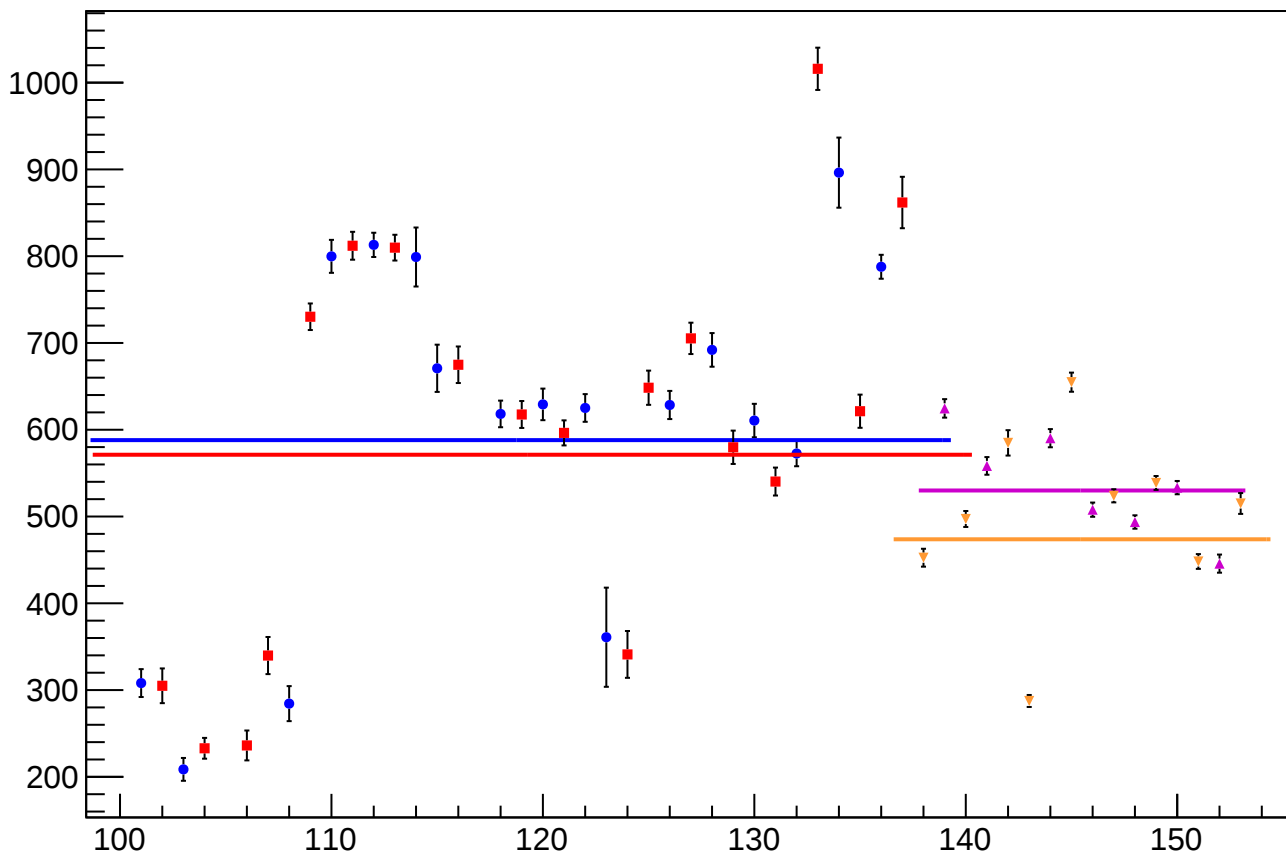
Right: -8.982 ± 1.618 χ^2/NDF : 678.2/34

In: 5.133 ± 1.617 χ^2/NDF : 505.7/23

Out: 5.882 ± 1.476 χ^2/NDF : 513.4/26

All: 5.541 ± 1.090 χ^2/NDF : 1019.2/50

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 588.034 $\pm$ 4.329 χ^2 /NDF: 2127.7/16

Left Out: 473.758 $\pm$ 3.032 χ^2 /NDF:1196.1/8

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 529.998 $\pm$ 3.421 χ^2 /NDF:214.2/6

Left: 498.498 $\pm$ 2.269 χ^2 /NDF: 1561.7/15

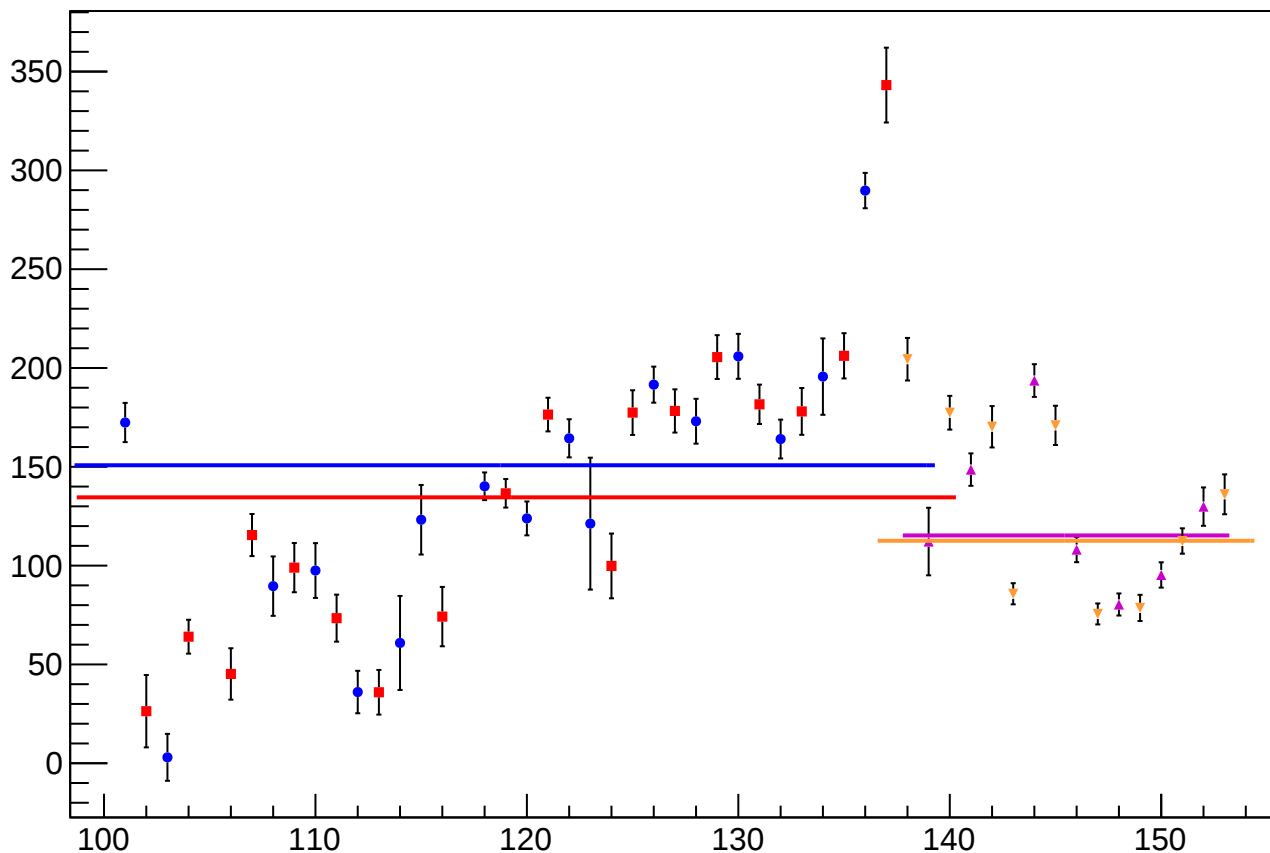
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 552.311 $\pm$ 2.684 χ^2 /NDF:2452.6/23

Out: 507.661 $\pm$ 2.448 χ^2 /NDF:4235.9/26

All: 527.939 $\pm$ 1.809 χ^2 /NDF: 6839.5/50

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: 112.576 $\pm$ 2.432 χ^2 /NDF:301.0/8

Right Out: 134.549 $\pm$ 2.619 χ^2 /NDF: 576.2/17

Left In: 115.263 $\pm$ 2.834 χ^2 /NDF:158.7/6

Left: 113.716 $\pm$ 1.846 χ^2 /NDF: 460.2/15

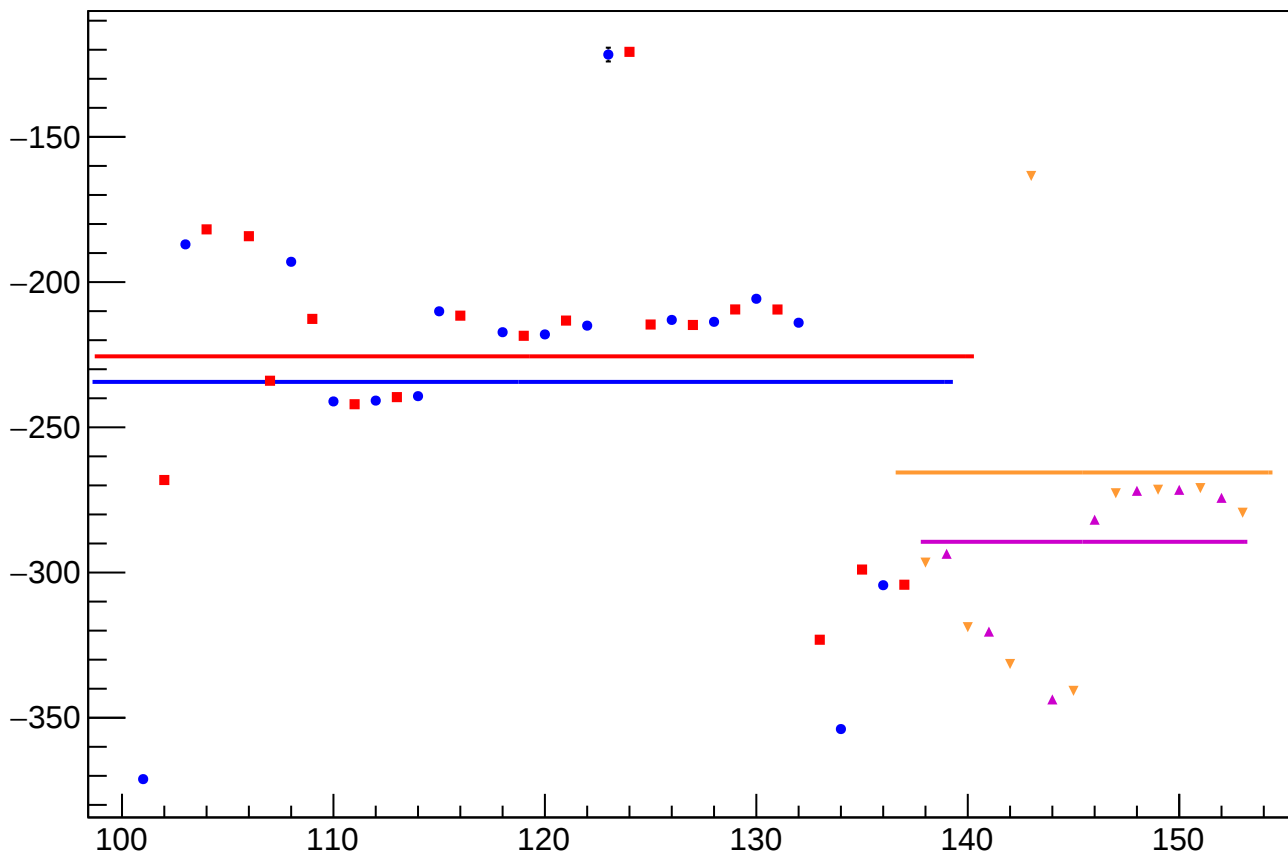
Right: 142.483 $\pm$ 1.873 χ^2 /NDF: 1228.1/34

In: 134.017 $\pm$ 1.947 χ^2 /NDF:874.7/23

Out: 122.749 $\pm$ 1.782 χ^2 /NDF:915.0/26

All: 127.887 $\pm$ 1.315 χ^2 /NDF: 1808.0/50

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: -265.547+/-0.127 χ^2/NDF : 202348.9/8

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -289.418+/-0.143 χ^2/NDF : 27350.5/6

Left: -276.081+/-0.095 χ^2/NDF : 245294.1/15

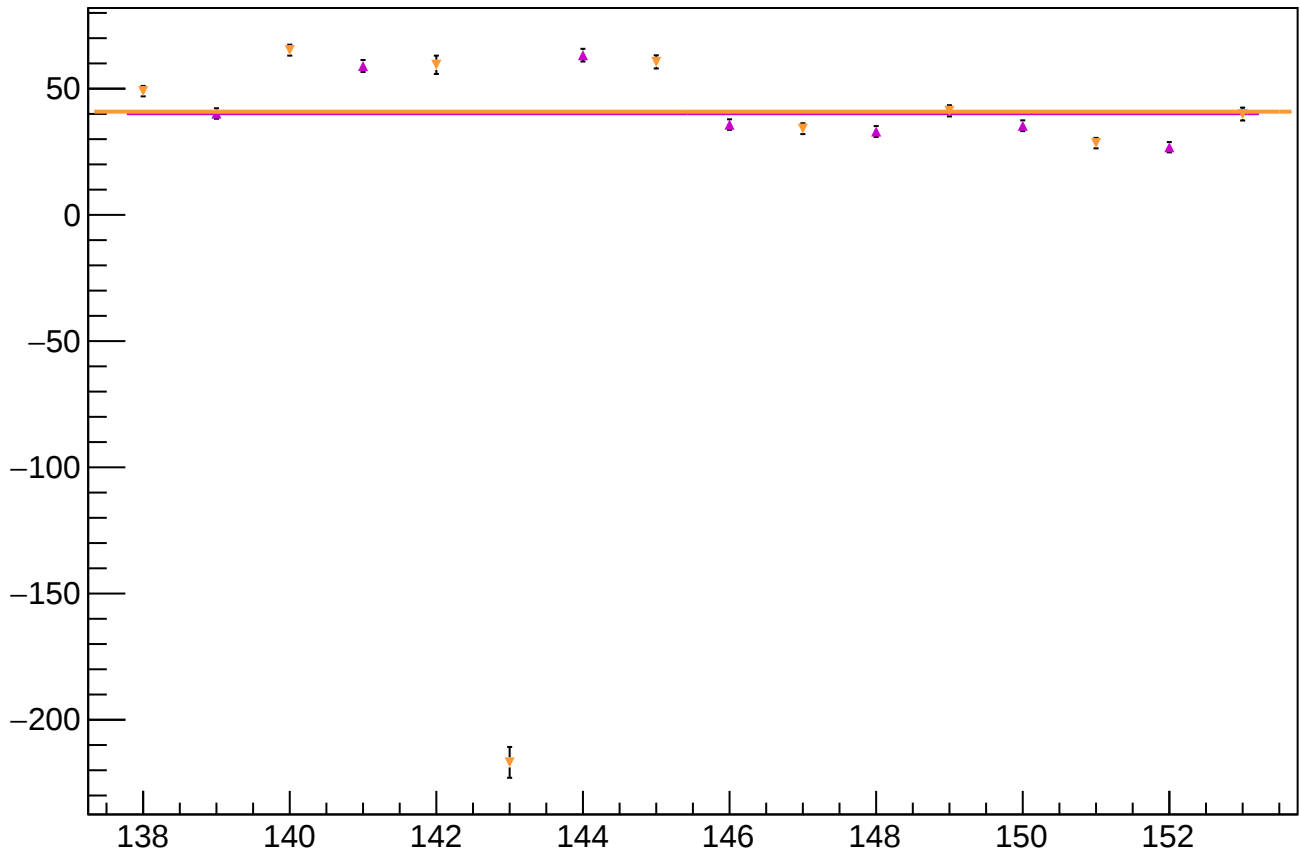
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -262.946+/-0.103 χ^2/NDF : 243901.0/23

Out: -247.770+/-0.095 χ^2/NDF : 339389.1/26

All: -254.720+/-0.070 χ^2/NDF : 595068.3/50

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 40.892+/-0.816 χ^2/NDF :2049.7/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 40.281+/-0.824 χ^2/NDF :210.2/6

Left: 40.589+/-0.580 χ^2/NDF : 2260.1/15

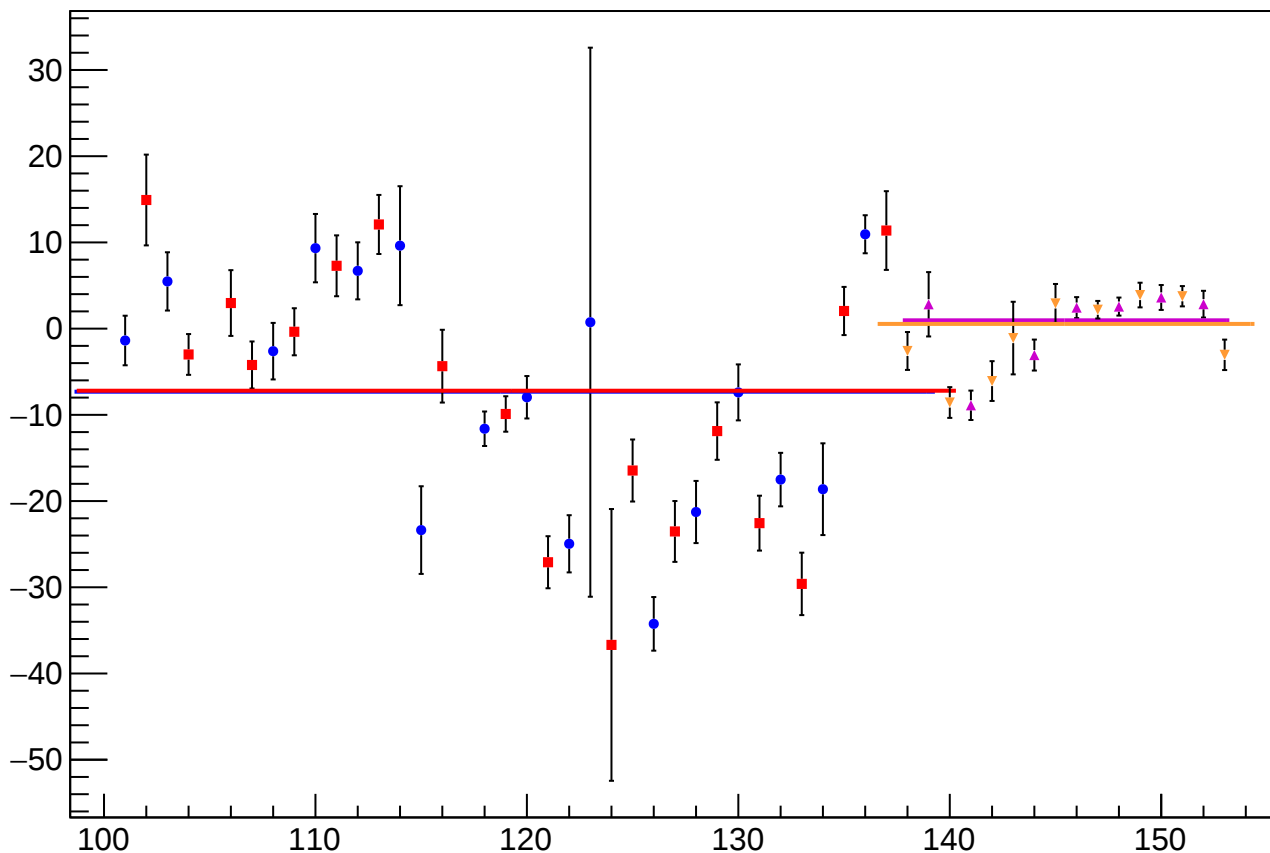
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 40.281+/-0.824 χ^2/NDF :210.2/6

Out: 40.892+/-0.816 χ^2/NDF :2049.7/8

All: 40.589+/-0.580 χ^2/NDF : 2260.1/15

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: 0.547 ± 0.538 χ^2/NDF : 57.4/8

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.964 ± 0.558 χ^2/NDF : 47.3/6

Left: 0.748 ± 0.387 χ^2/NDF : 105.0/15

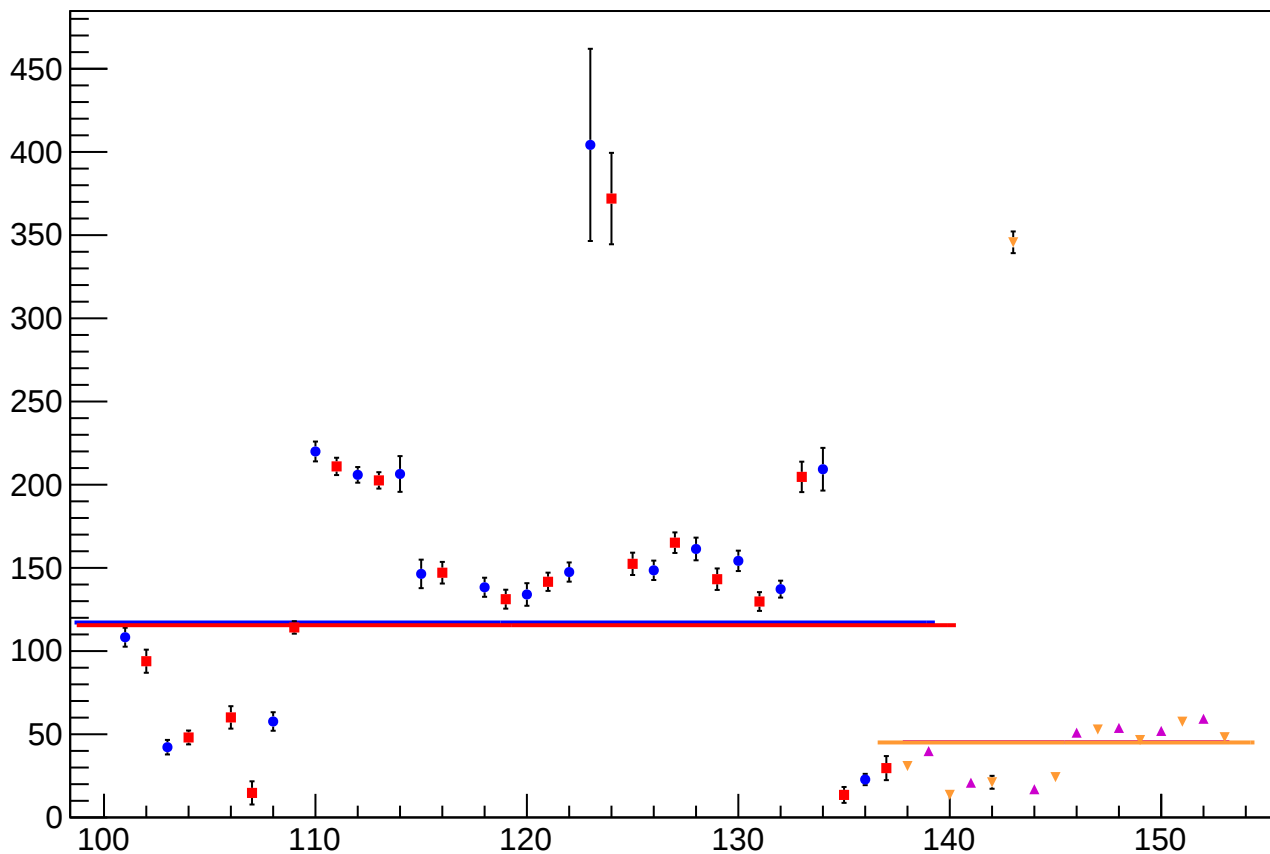
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.837 ± 0.454 χ^2/NDF : 400.9/23

Out: -2.032 ± 0.439 χ^2/NDF : 378.5/26

All: -1.937 ± 0.316 χ^2/NDF : 779.4/50

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: 45.073+/-0.810 χ^2/NDF :2506.7/8

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 45.334+/-0.816 χ^2/NDF :298.3/6

Left: 45.203+/-0.575 χ^2/NDF : 2805.0/15

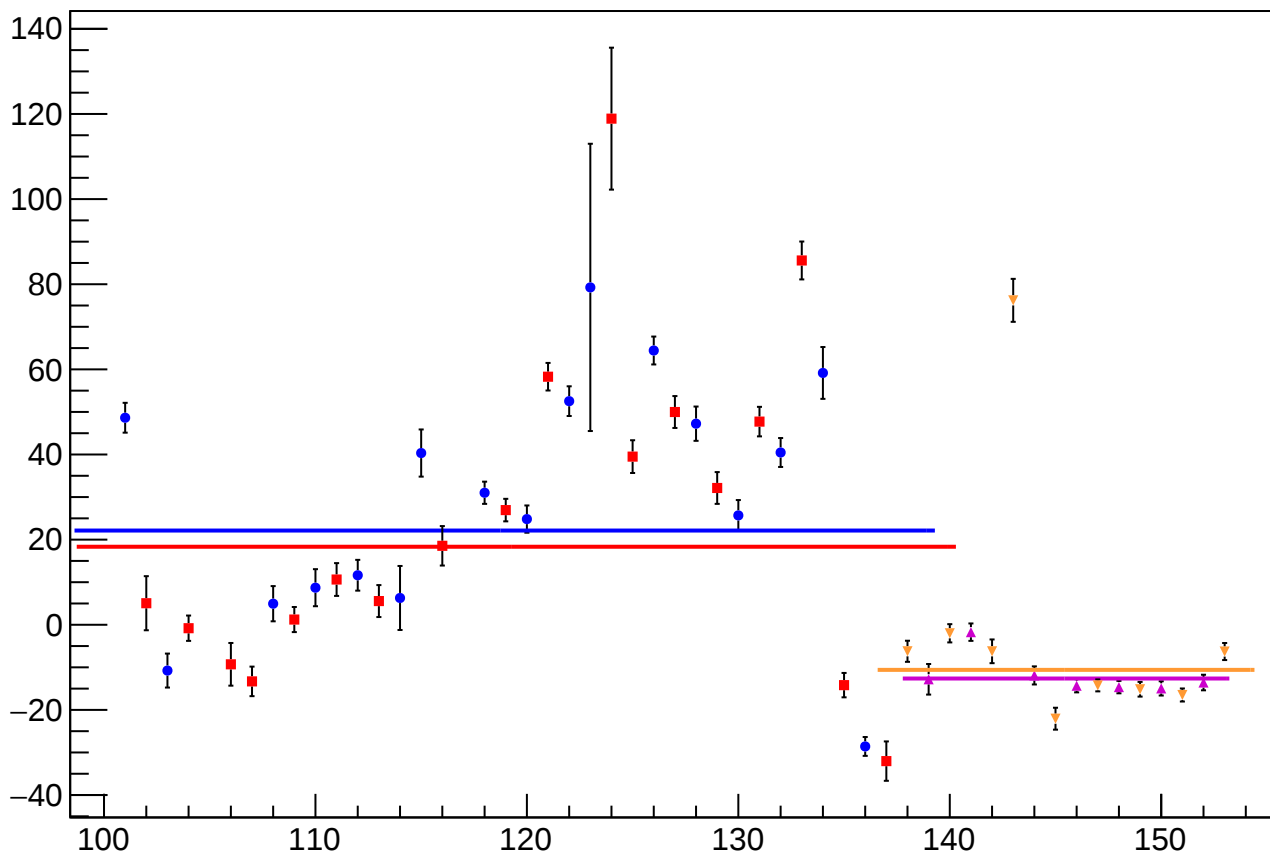
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 63.326+/-0.706 χ^2/NDF :4400.1/23

Out: 63.471+/-0.696 χ^2/NDF :6631.5/26

All: 63.400+/-0.496 χ^2/NDF : 11031.6/50

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: -10.596 $\pm$ 0.672 χ^2 /NDF:370.5/8

Right Out: 18.331 $\pm$ 0.872 χ^2 /NDF: 1070.4/17

Left In: -12.628 $\pm$ 0.695 χ^2 /NDF:33.7/6

Left: -11.578 $\pm$ 0.483 χ^2 /NDF: 408.6/15

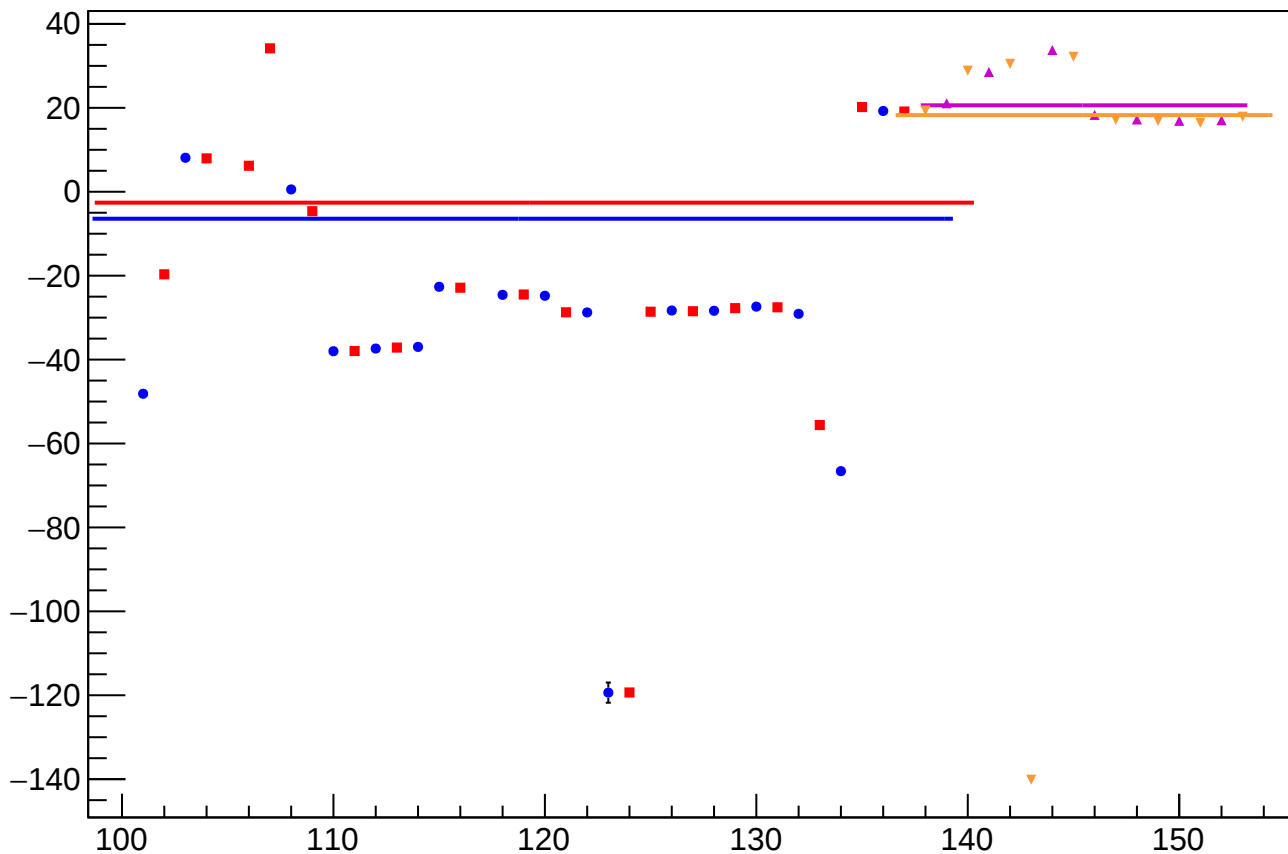
Right: 20.192 $\pm$ 0.623 χ^2 /NDF: 2143.8/34

In: 0.511 $\pm$ 0.548 χ^2 /NDF:2044.5/23

Out: 0.172 $\pm$ 0.532 χ^2 /NDF:2131.6/26

All: 0.337 $\pm$ 0.382 χ^2 /NDF: 4176.3/50

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.266 $\pm$ 0.034 χ^2/NDF : 399600.3/8

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 20.601 $\pm$ 0.034 χ^2/NDF : 24732.2/6

Left: 19.430 $\pm$ 0.024 χ^2/NDF : 426736.0/15

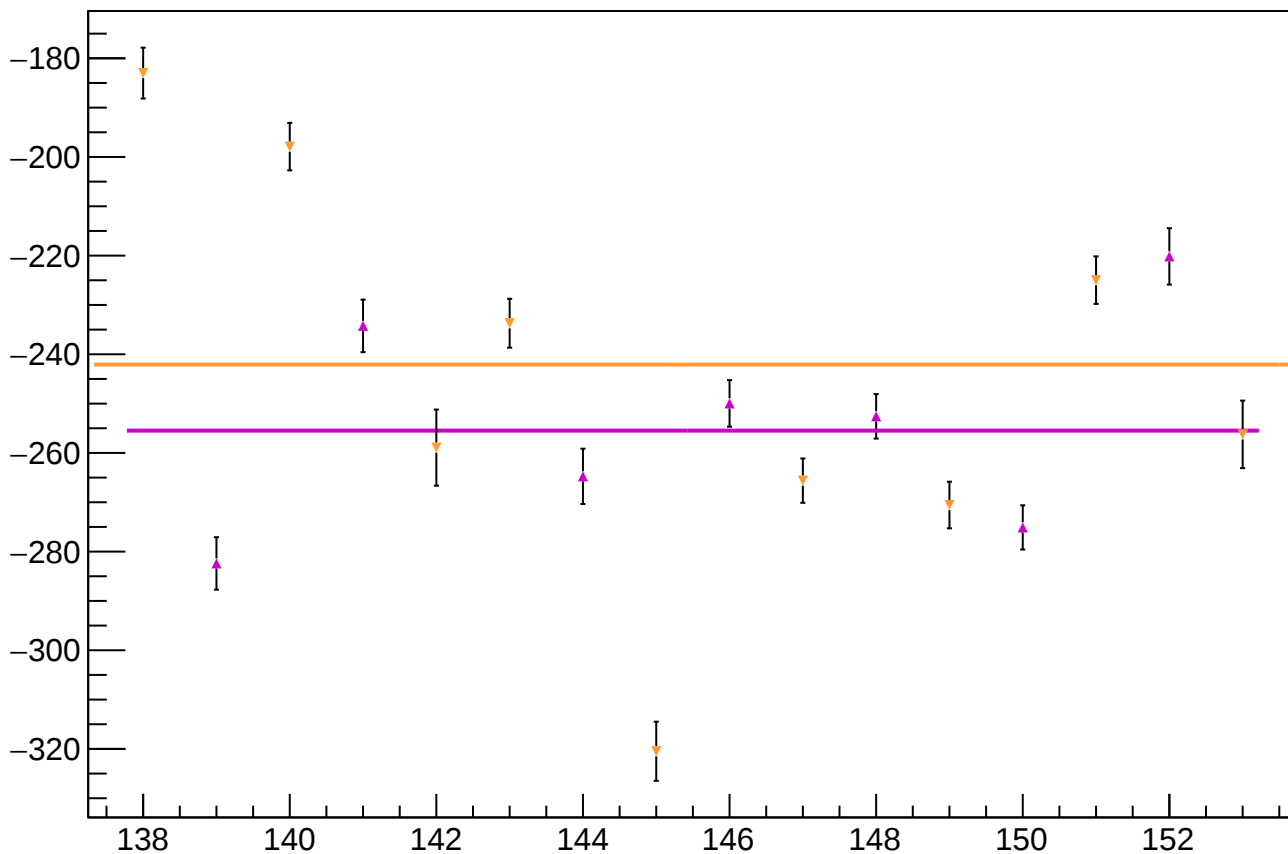
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 11.213 $\pm$ 0.027 χ^2/NDF : 513169.2/23

Out: 10.955 $\pm$ 0.027 χ^2/NDF : 798122.6/26

All: 11.084 $\pm$ 0.019 χ^2/NDF : 1311336.9/50

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: -242.088+/-1.755 χ^2/NDF :475.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.477+/-1.901 χ^2/NDF :103.4/6

Left: -248.249+/-1.289 χ^2/NDF : 605.3/15

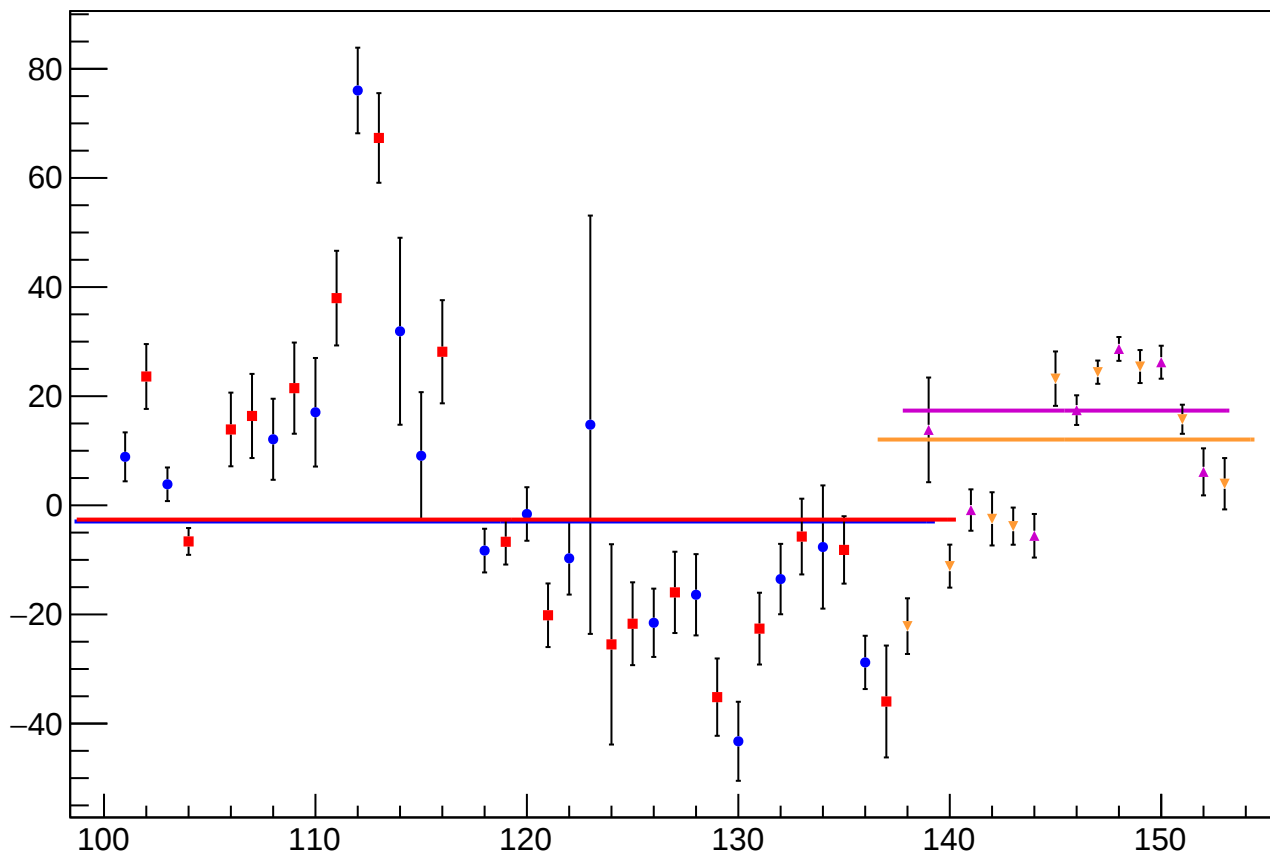
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.477+/-1.901 χ^2/NDF :103.4/6

Out: -242.088+/-1.755 χ^2/NDF :475.1/8

All: -248.249+/-1.289 χ^2/NDF : 605.3/15

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 $\chi^2/\text{NDF}: 203.5/16$

Left Out: 12.057 ± 1.127 $\chi^2/\text{NDF}: 173.3/8$

Right Out: -2.615 ± 1.399 $\chi^2/\text{NDF}: 210.5/17$

Left In: 17.361 ± 1.240 $\chi^2/\text{NDF}: 98.3/6$

Left: 14.458 ± 0.834 $\chi^2/\text{NDF}: 281.6/15$

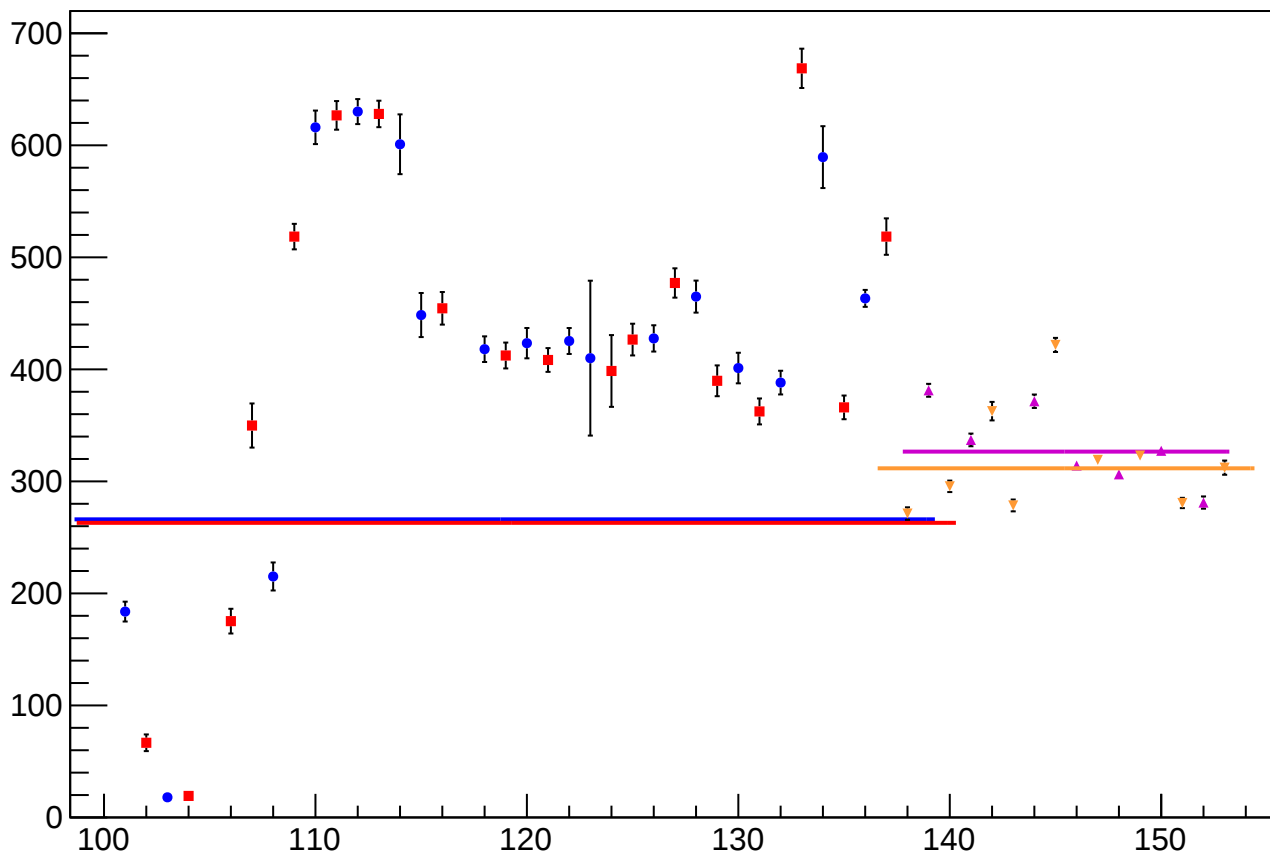
Right: -2.783 ± 1.008 $\chi^2/\text{NDF}: 414.0/34$

In: 8.796 ± 0.943 $\chi^2/\text{NDF}: 415.2/23$

Out: 6.279 ± 0.878 $\chi^2/\text{NDF}: 450.4/26$

All: 7.447 ± 0.642 $\chi^2/\text{NDF}: 869.4/50$

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: 311.666 $\pm$ 1.752 χ^2 /NDF:501.1/8

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 326.572 $\pm$ 1.874 χ^2 /NDF:249.5/6

Left: 318.614 $\pm$ 1.280 χ^2 /NDF: 784.3/15

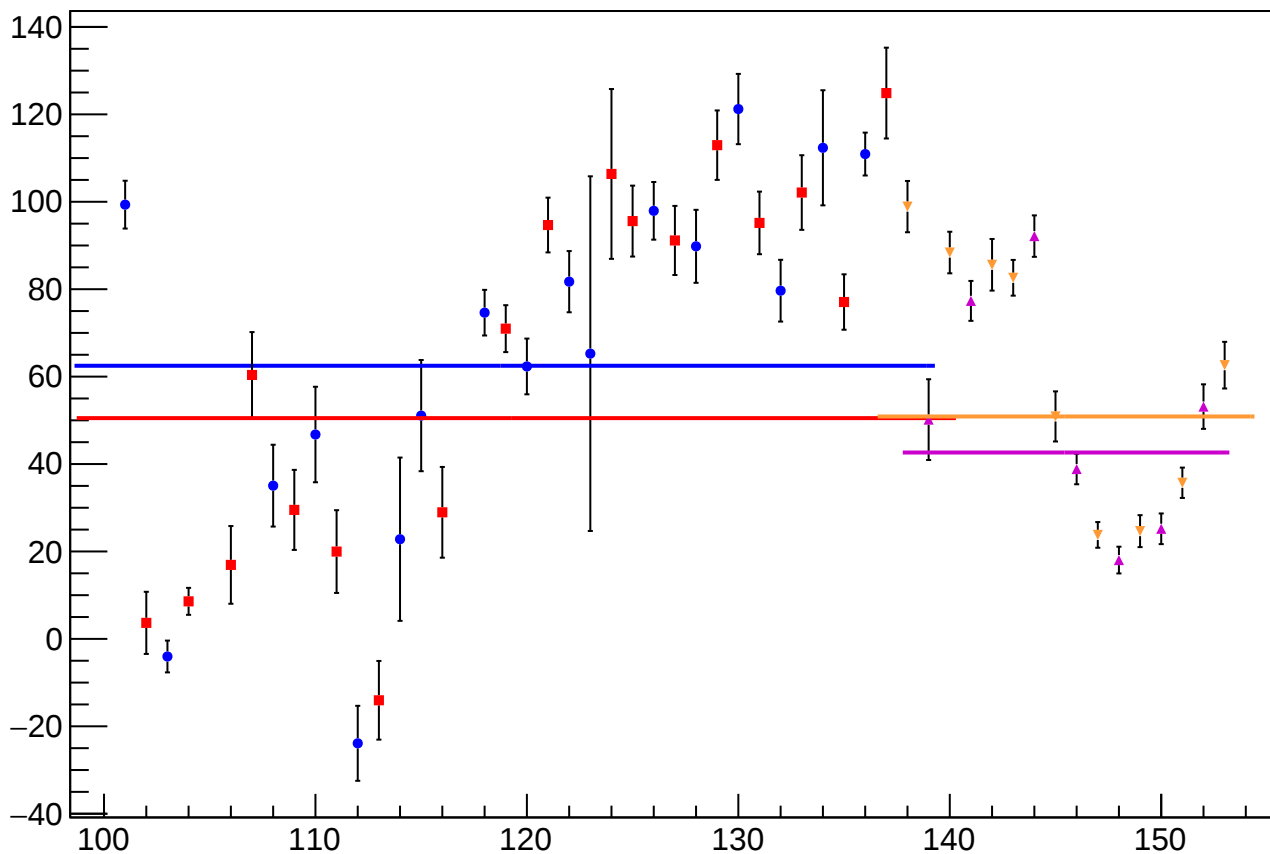
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 304.592 $\pm$ 1.495 χ^2 /NDF:8271.7/23

Out: 295.352 $\pm$ 1.428 χ^2 /NDF:8931.9/26

All: 299.759 $\pm$ 1.033 χ^2 /NDF: 17223.5/50

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 ± 1.681 $\chi^2/\text{NDF}: 720.8/16$

Left Out: 50.881 ± 1.413 $\chi^2/\text{NDF}: 384.3/8$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 42.639 ± 1.556 $\chi^2/\text{NDF}: 262.3/6$

Left: 47.156 ± 1.046 $\chi^2/\text{NDF}: 661.9/15$

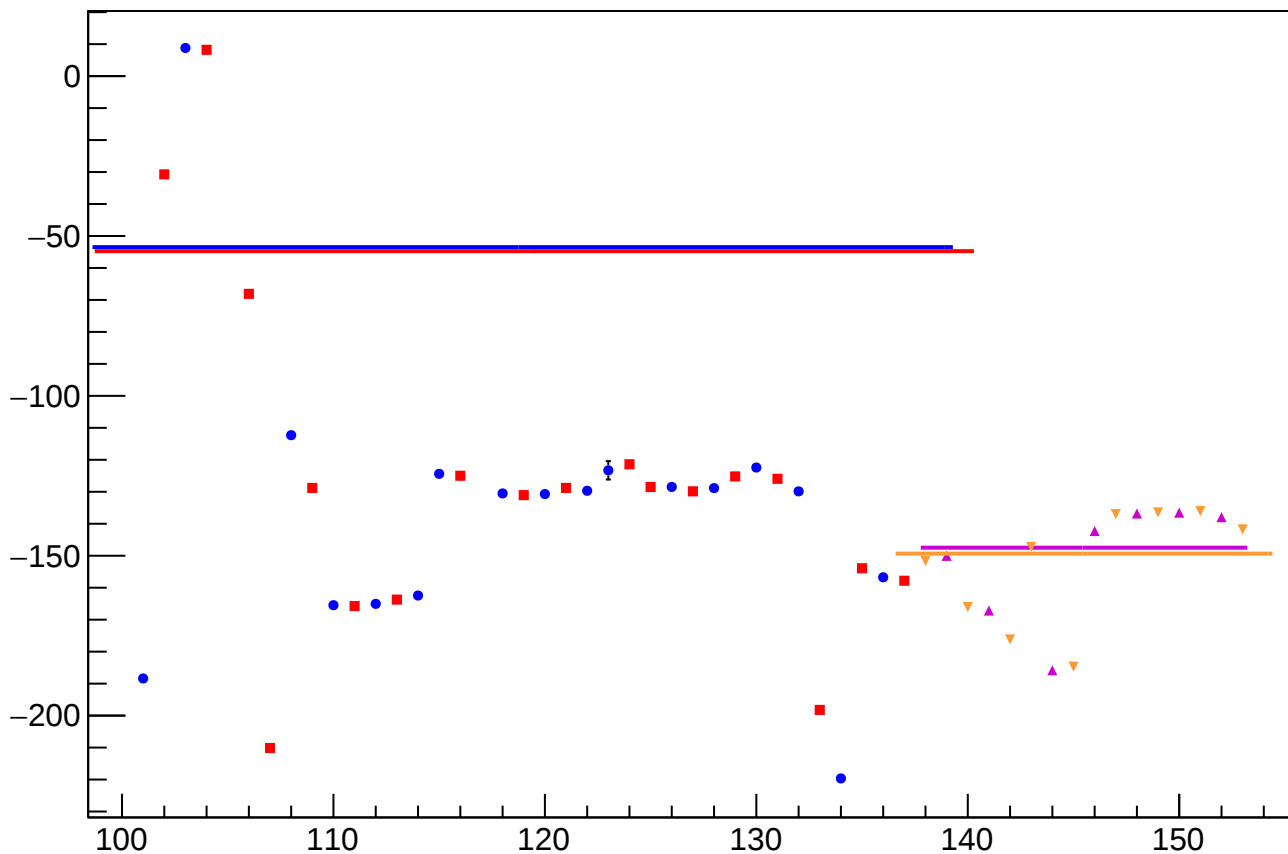
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 51.797 ± 1.142 $\chi^2/\text{NDF}: 1058.1/23$

Out: 50.722 ± 1.072 $\chi^2/\text{NDF}: 1034.9/26$

All: 51.226 ± 0.781 $\chi^2/\text{NDF}: 2093.5/50$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 $\pm$ 0.070 χ^2/NDF : 1228730.5/16

Left Out: -149.347 $\pm$ 0.074 χ^2/NDF : 46503.1/8

Right Out: -54.748 $\pm$ 0.072 χ^2/NDF : 952446.3/17

Left In: -147.485 $\pm$ 0.078 χ^2/NDF : 38604.9/6

Left: -148.473 $\pm$ 0.054 χ^2/NDF : 85408.8/15

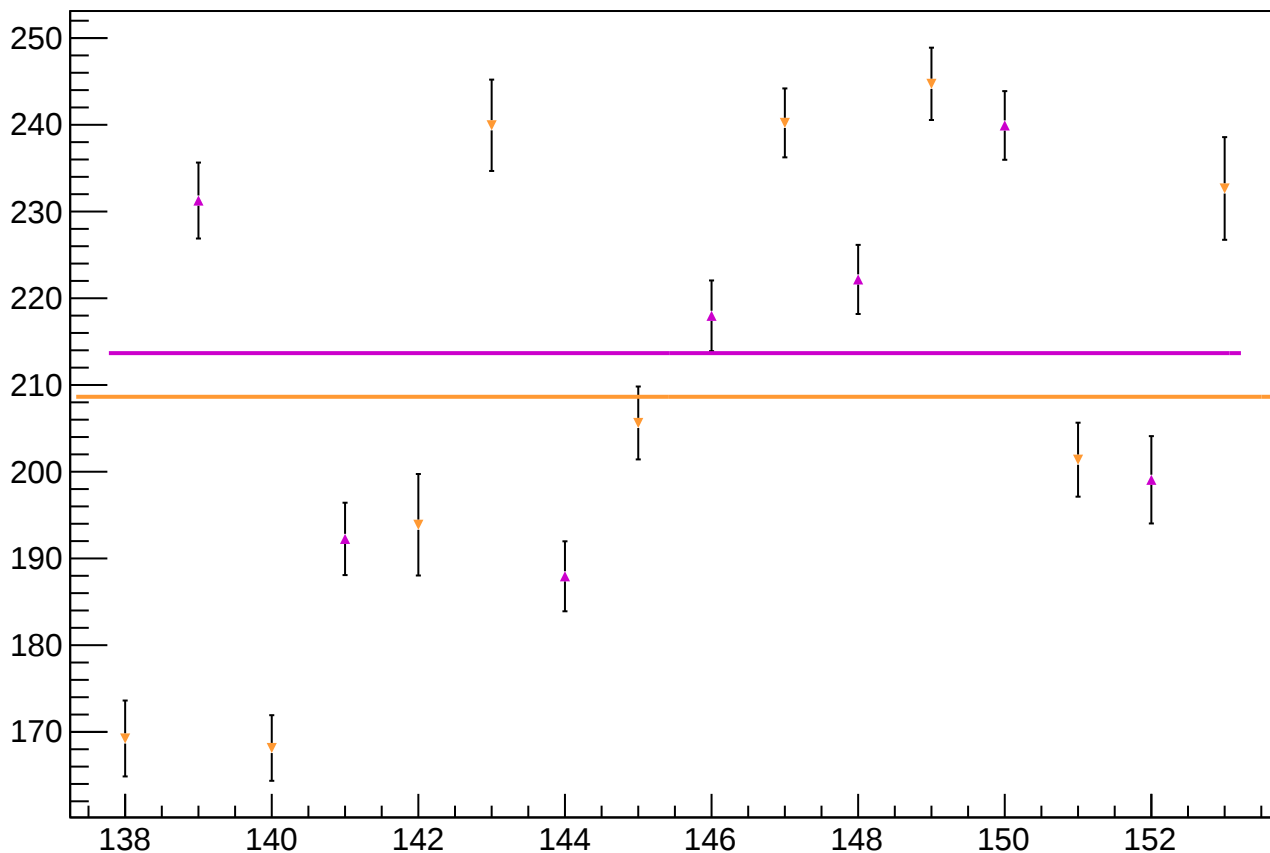
Right: -54.098 $\pm$ 0.050 χ^2/NDF : 2181335.1/34

In: -95.516 $\pm$ 0.052 χ^2/NDF : 2066681.5/23

Out: -101.113 $\pm$ 0.052 χ^2/NDF : 1841932.4/26

All: -98.356 $\pm$ 0.037 χ^2/NDF : 3914430.3/50

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 208.640+/-1.493 χ^2/NDF :395.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 213.673+/-1.586 χ^2/NDF :141.2/6

Left: 211.006+/-1.087 χ^2/NDF : 541.9/15

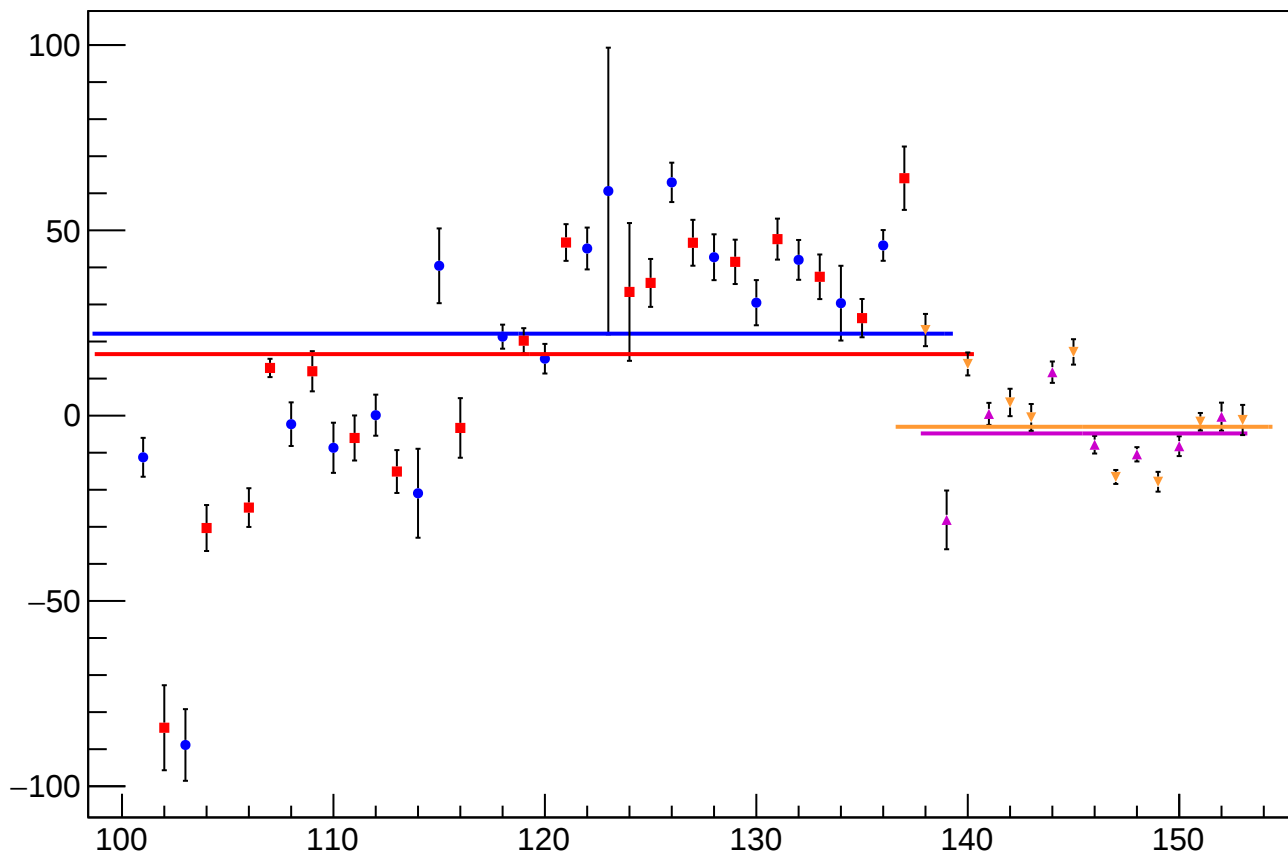
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 213.673+/-1.586 χ^2/NDF :141.2/6

Out: 208.640+/-1.493 χ^2/NDF :395.3/8

All: 211.006+/-1.087 χ^2/NDF : 541.9/15

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119+/-1.376 χ^2/NDF : 382.0/16

Left Out: -3.005+/-0.974 χ^2/NDF : 187.3/8

Right Out: 16.602+/-1.229 χ^2/NDF : 416.8/17

Left In: -4.802+/-1.052 χ^2/NDF : 57.9/6

Left: -3.835+/-0.715 χ^2/NDF : 246.8/15

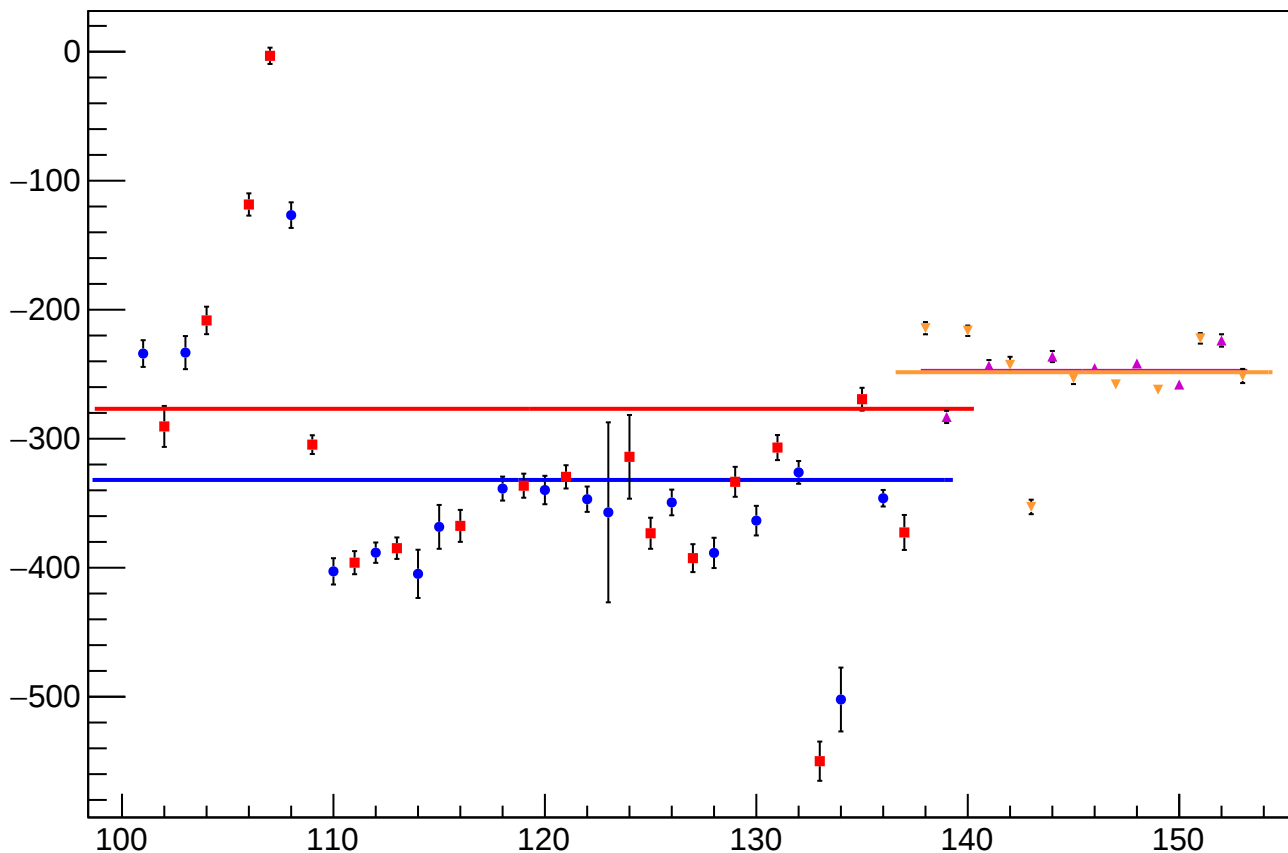
Right: 19.049+/-0.917 χ^2/NDF : 807.7/34

In: 5.122+/-0.836 χ^2/NDF : 681.4/23

Out: 4.559+/-0.763 χ^2/NDF : 760.5/26

All: 4.815+/-0.564 χ^2/NDF : 1442.1/50

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 χ^2/NDF : 785.6/16

Left Out: -248.439 ± 1.498 χ^2/NDF : 523.7/8

Right Out: -276.804 ± 2.329 χ^2/NDF : 3330.4/17

Left In: -247.401 ± 1.576 χ^2/NDF : 99.0/6

Left: -247.947 ± 1.086 χ^2/NDF : 622.9/15

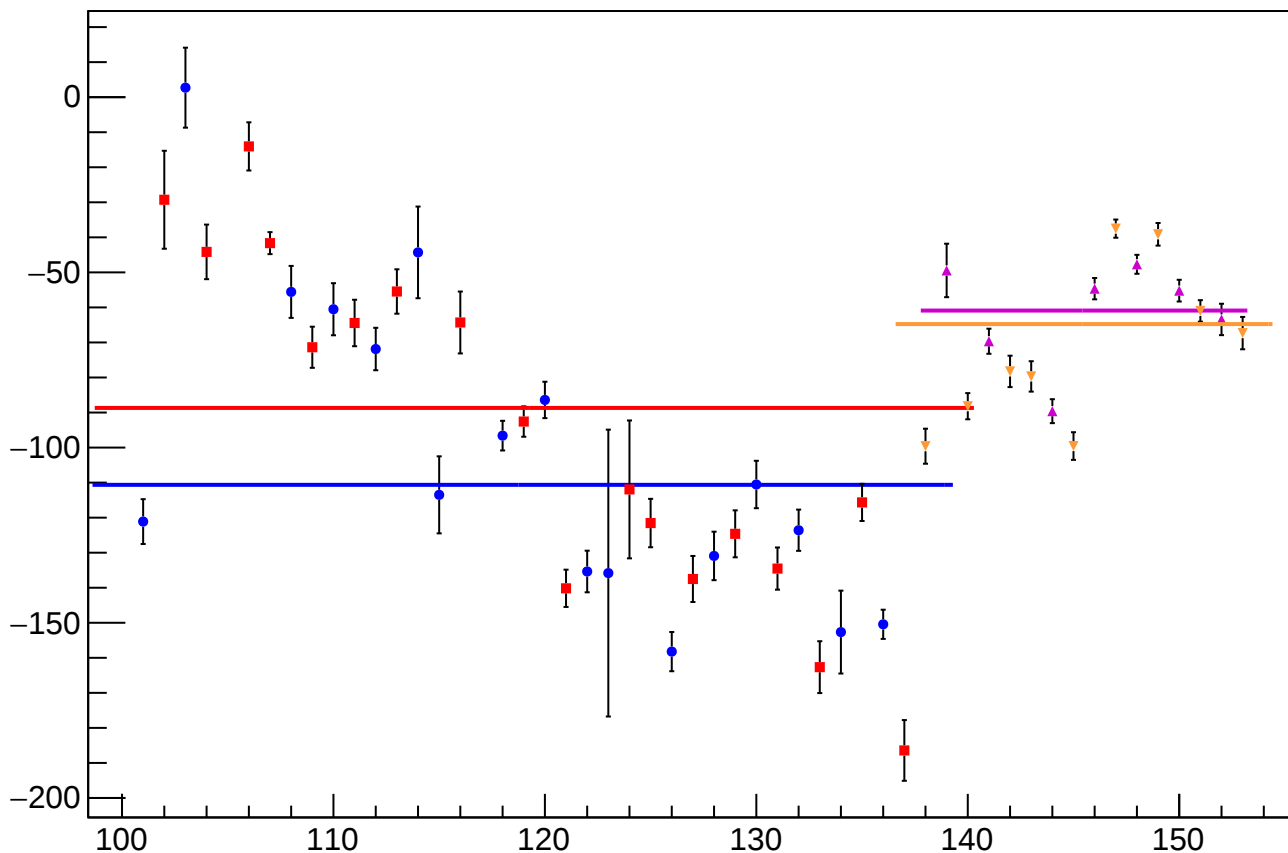
Right: -301.706 ± 1.725 χ^2/NDF : 4369.1/34

In: -270.545 ± 1.343 χ^2/NDF : 1672.4/23

Out: -256.735 ± 1.260 χ^2/NDF : 3959.0/26

All: -263.198 ± 0.919 χ^2/NDF : 5687.6/50

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Left: -62.974+/-0.892 χ^2 /NDF: 476.9/15

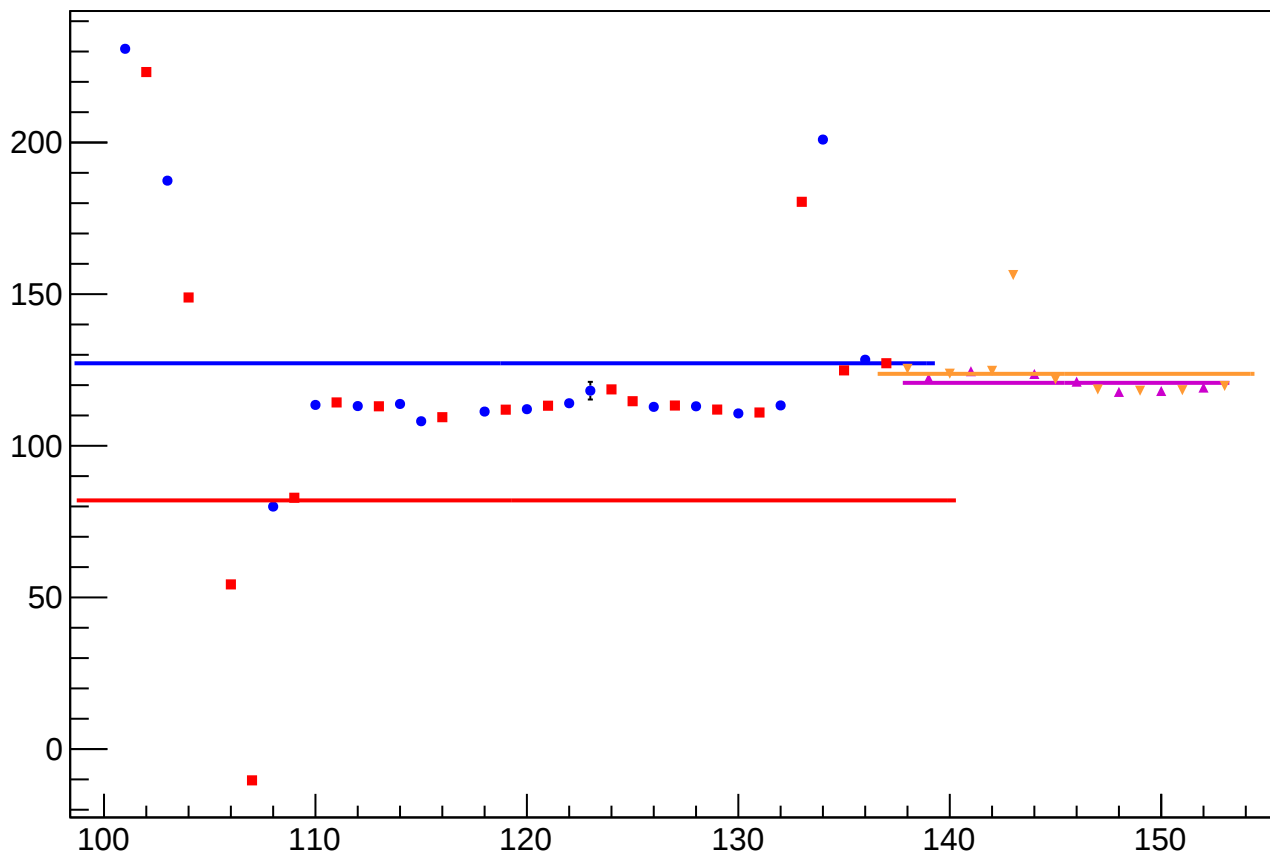
Right: -98.593+/-1.062 χ^2 /NDF: 1578.5/34

In: -81.198+/-1.010 χ^2 /NDF:1205.2/23

Out: -74.763+/-0.928 χ^2 /NDF:1487.3/26

All: -77.707+/-0.683 χ^2 /NDF: 2714.6/50

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.727 $\pm$ 0.063 χ^2 /NDF: 24217.5/8

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.754 $\pm$ 0.066 χ^2 /NDF: 1492.3/6

Left: 122.308 $\pm$ 0.045 χ^2 /NDF: 26781.6/15

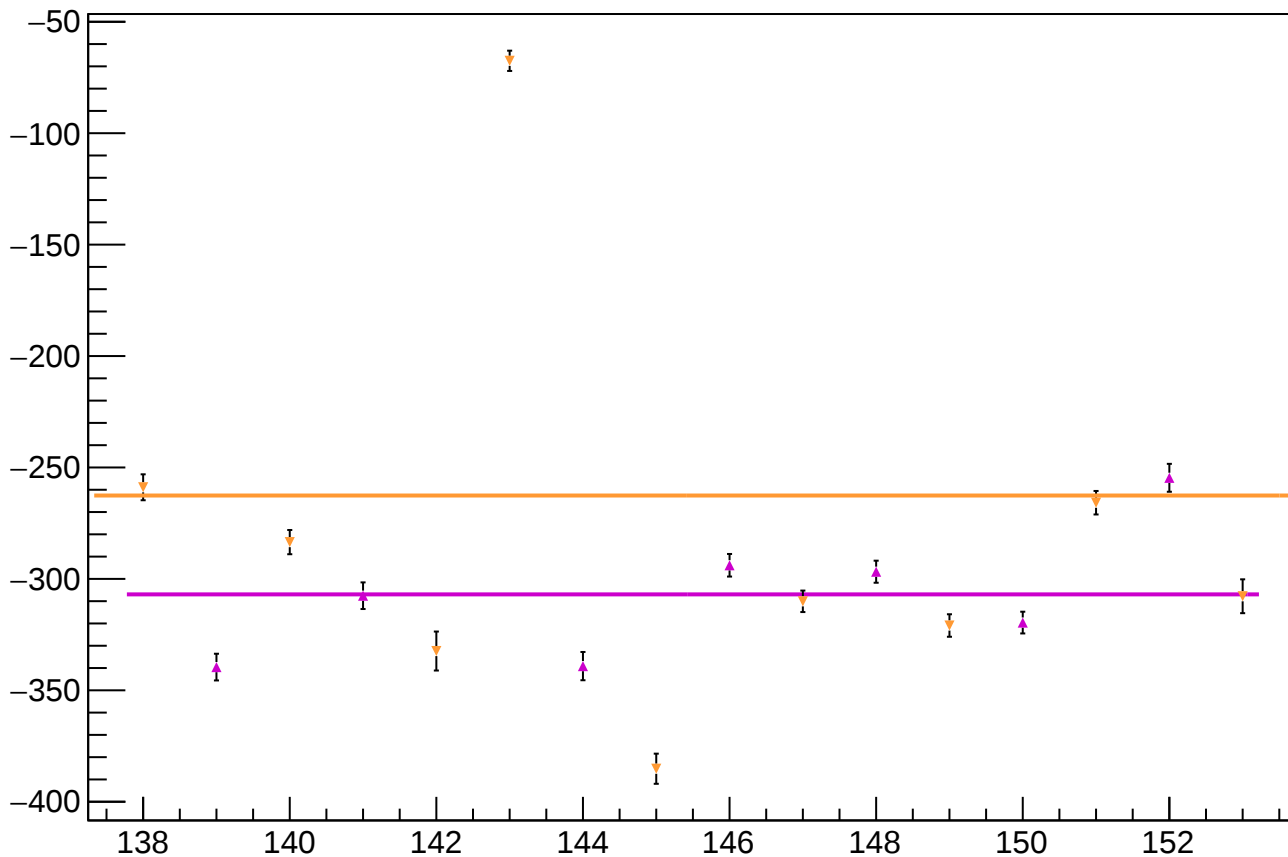
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 123.023 $\pm$ 0.053 χ^2 /NDF: 192913.5/23

Out: 106.679 $\pm$ 0.048 χ^2 /NDF: 954839.8/26

All: 114.106 $\pm$ 0.036 χ^2 /NDF: 1199903.8/50

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: -262.584+/-1.883 χ^2/NDF :2512.2/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -306.949+/-2.094 χ^2/NDF :142.8/6

Left: -282.411+/-1.400 χ^2/NDF : 2903.2/15

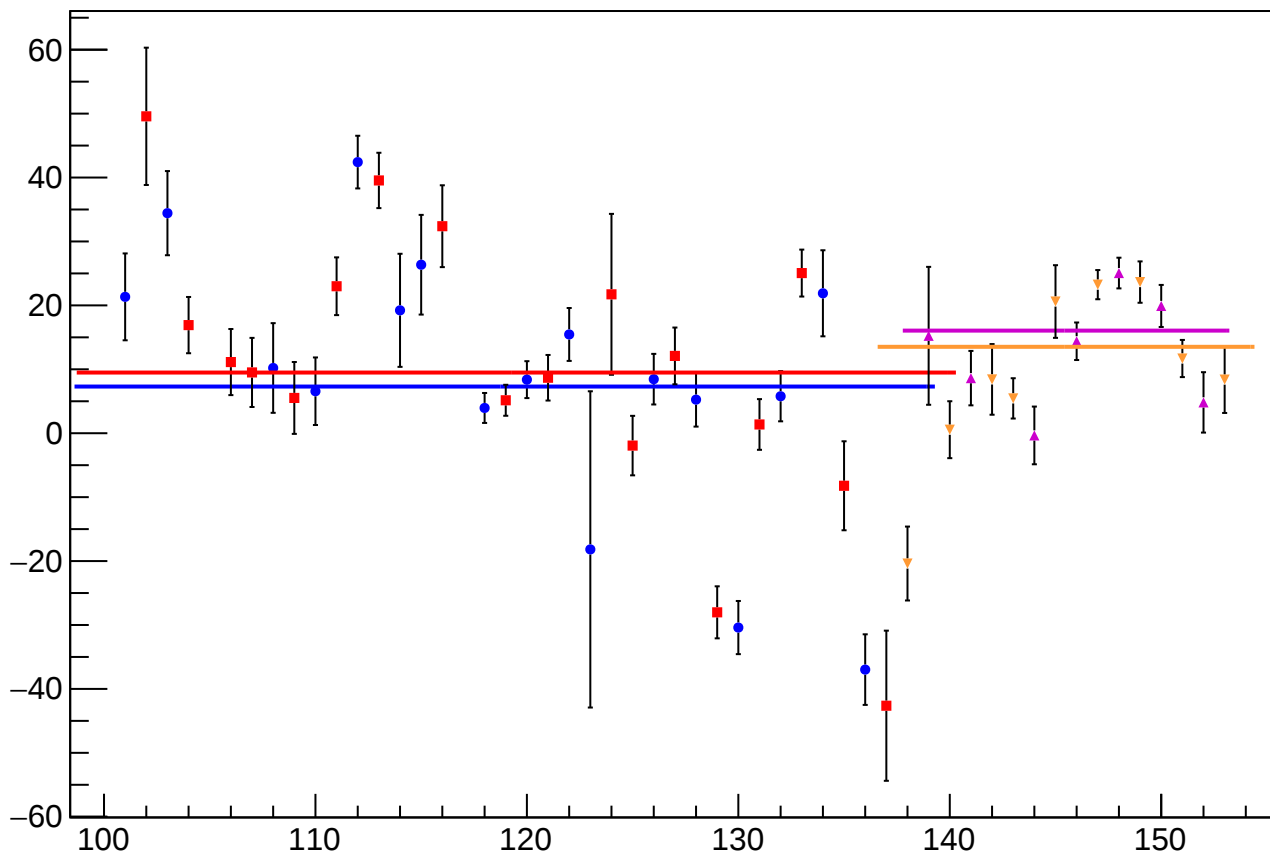
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -306.949+/-2.094 χ^2/NDF :142.8/6

Out: -262.584+/-1.883 χ^2/NDF :2512.2/8

All: -282.411+/-1.400 χ^2/NDF : 2903.2/15

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 $\pm$ 1.086 χ^2 /NDF: 260.6/16

Left Out: 13.518 $\pm$ 1.207 χ^2 /NDF:81.1/8

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 16.053 $\pm$ 1.361 χ^2 /NDF:37.7/6

Left: 14.634 $\pm$ 0.903 χ^2 /NDF: 120.7/15

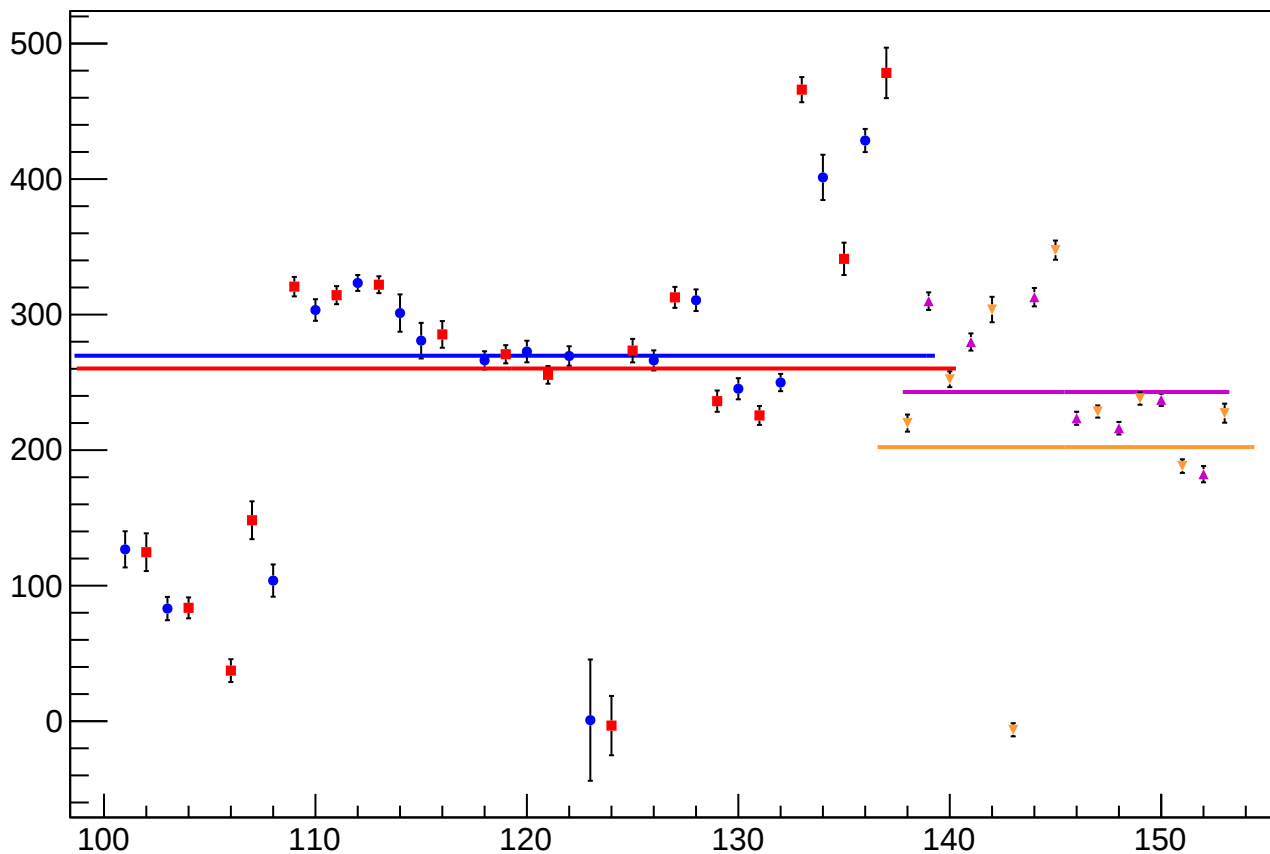
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 10.704 $\pm$ 0.849 χ^2 /NDF:323.6/23

Out: 11.270 $\pm$ 0.802 χ^2 /NDF:318.5/26

All: 11.003 $\pm$ 0.583 χ^2 /NDF: 642.3/50

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: 202.230 $\pm$ 1.881 χ^2 /NDF:2581.1/8

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 242.870 $\pm$ 2.062 χ^2 /NDF:399.9/6

Left: 220.686 $\pm$ 1.389 χ^2 /NDF: 3193.0/15

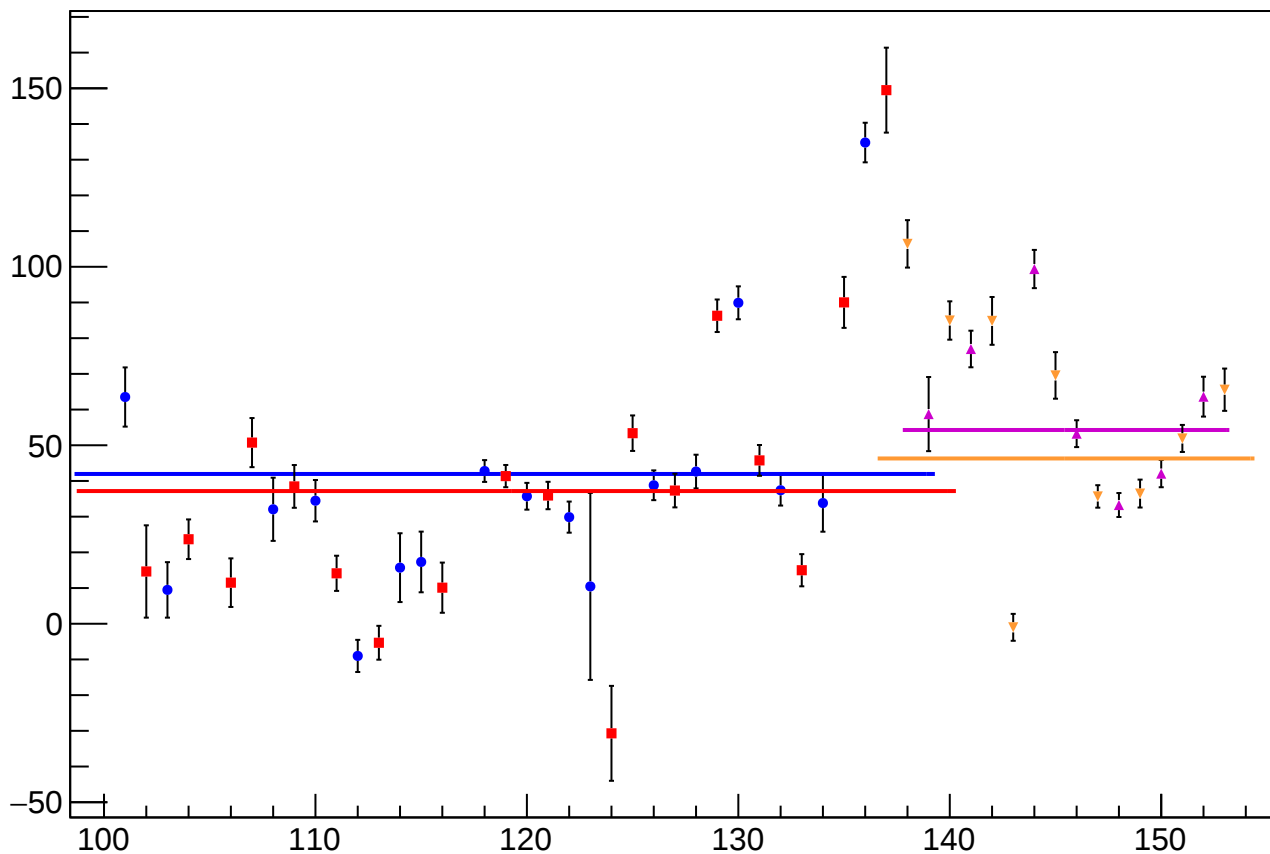
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 256.175 $\pm$ 1.463 χ^2 /NDF:1860.3/23

Out: 229.754 $\pm$ 1.363 χ^2 /NDF:5560.4/26

All: 242.033 $\pm$ 0.997 χ^2 /NDF: 7595.3/50

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 $\pm$ 1.258 χ^2 /NDF: 574.2/16

Left Out: 46.301 $\pm$ 1.511 χ^2 /NDF:367.5/8

Right Out: 37.171 $\pm$ 1.236 χ^2 /NDF: 470.9/17

Left In: 54.280 $\pm$ 1.709 χ^2 /NDF:143.0/6

Left: 49.802 $\pm$ 1.132 χ^2 /NDF: 522.7/15

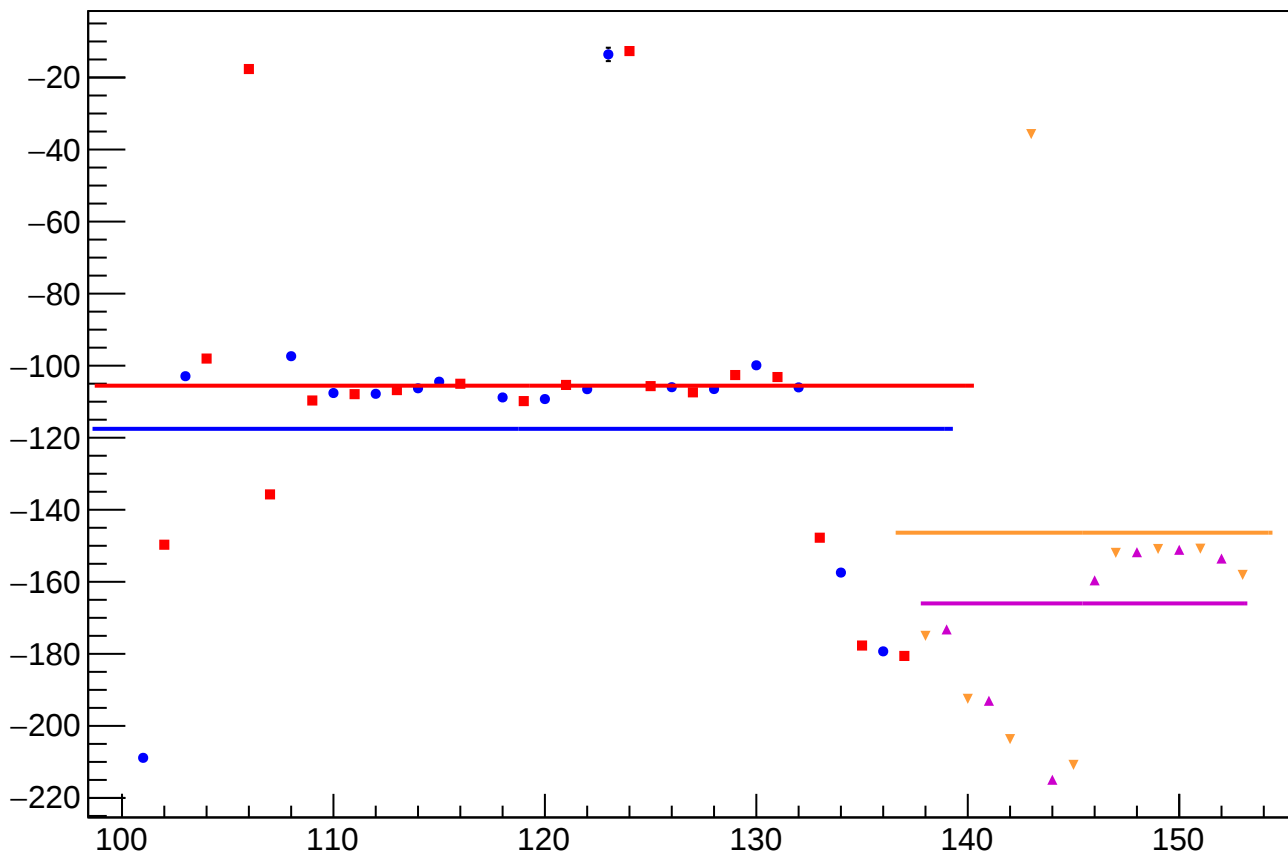
Right: 39.523 $\pm$ 0.882 χ^2 /NDF: 1052.5/34

In: 46.289 $\pm$ 1.013 χ^2 /NDF:750.9/23

Out: 40.831 $\pm$ 0.957 χ^2 /NDF:860.2/26

All: 43.404 $\pm$ 0.696 χ^2 /NDF: 1626.5/50

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -117.533 ± 0.078 χ^2/NDF : 142039.8/16

Left Out: -146.365 ± 0.079 χ^2/NDF : 448574.9/8

Right Out: -105.555 ± 0.073 χ^2/NDF : 317428.5/17

Left In: -166.001 ± 0.086 χ^2/NDF : 53733.8/6

Left: -155.328 ± 0.058 χ^2/NDF : 530559.0/15

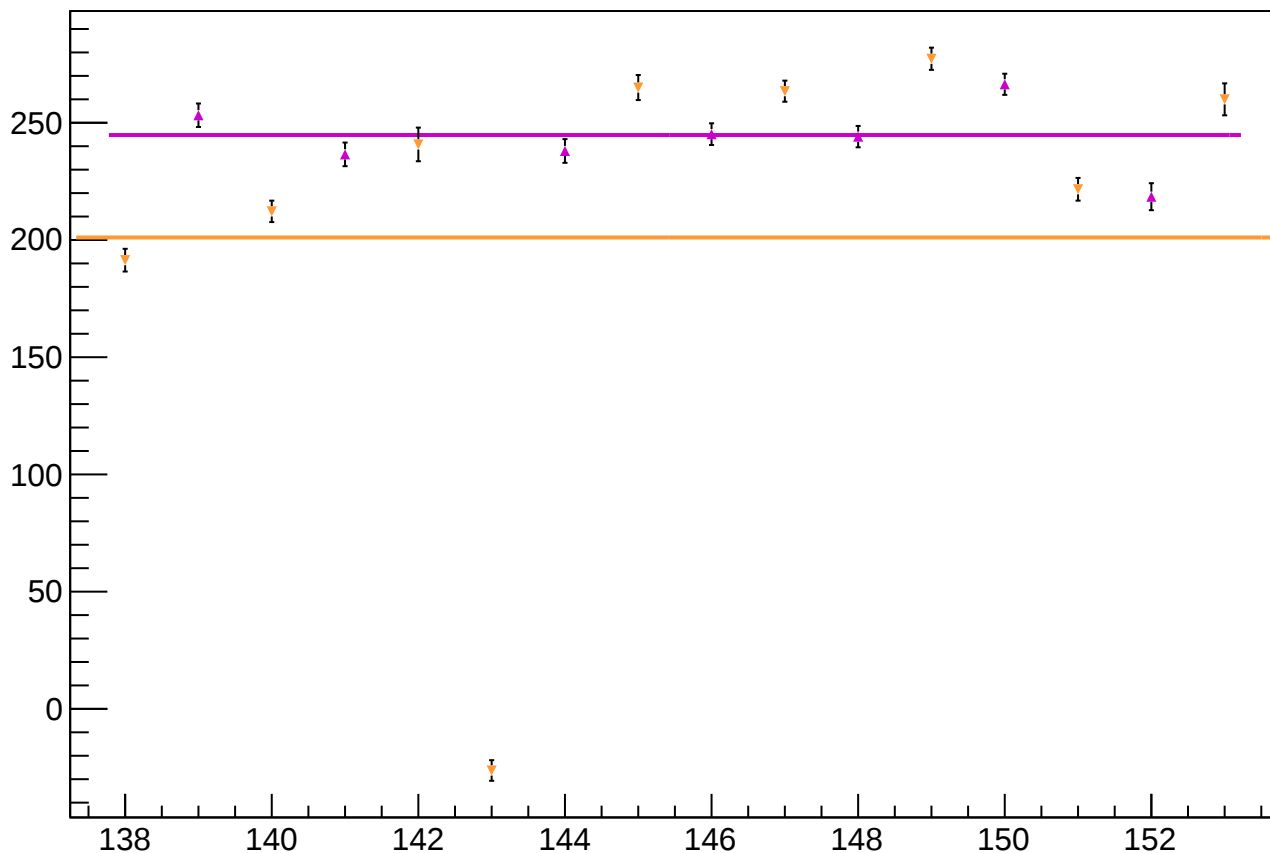
Right: -111.128 ± 0.053 χ^2/NDF : 472040.3/34

In: -139.410 ± 0.058 χ^2/NDF : 369499.6/23

Out: -124.335 ± 0.054 χ^2/NDF : 910327.0/26

All: -131.288 ± 0.039 χ^2/NDF : 1316395.0/50

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: 201.071+/-1.679 χ^2/NDF :3404.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 244.775+/-1.849 χ^2/NDF :51.3/6

Left: 220.821+/-1.243 χ^2/NDF : 3762.6/15

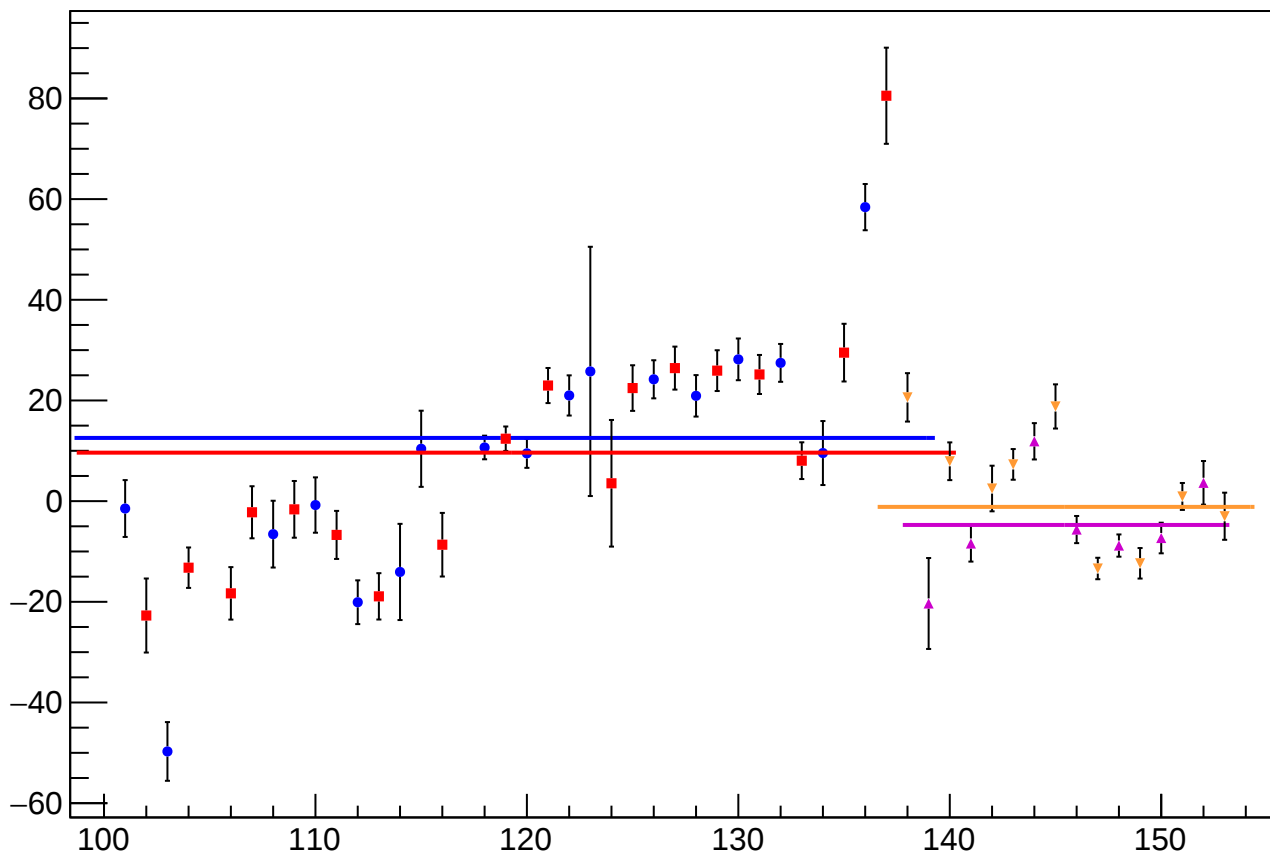
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 244.775+/-1.849 χ^2/NDF :51.3/6

Out: 201.071+/-1.679 χ^2/NDF :3404.9/8

All: 220.821+/-1.243 χ^2/NDF : 3762.6/15

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 $\pm$ 1.057 χ^2 /NDF: 348.6/16

Left Out: -1.141 $\pm$ 1.093 χ^2 /NDF:102.7/8

Right Out: 9.631 $\pm$ 1.049 χ^2 /NDF: 287.5/17

Left In: -4.730 $\pm$ 1.221 χ^2 /NDF:33.3/6

Left: -2.737 $\pm$ 0.815 χ^2 /NDF: 140.7/15

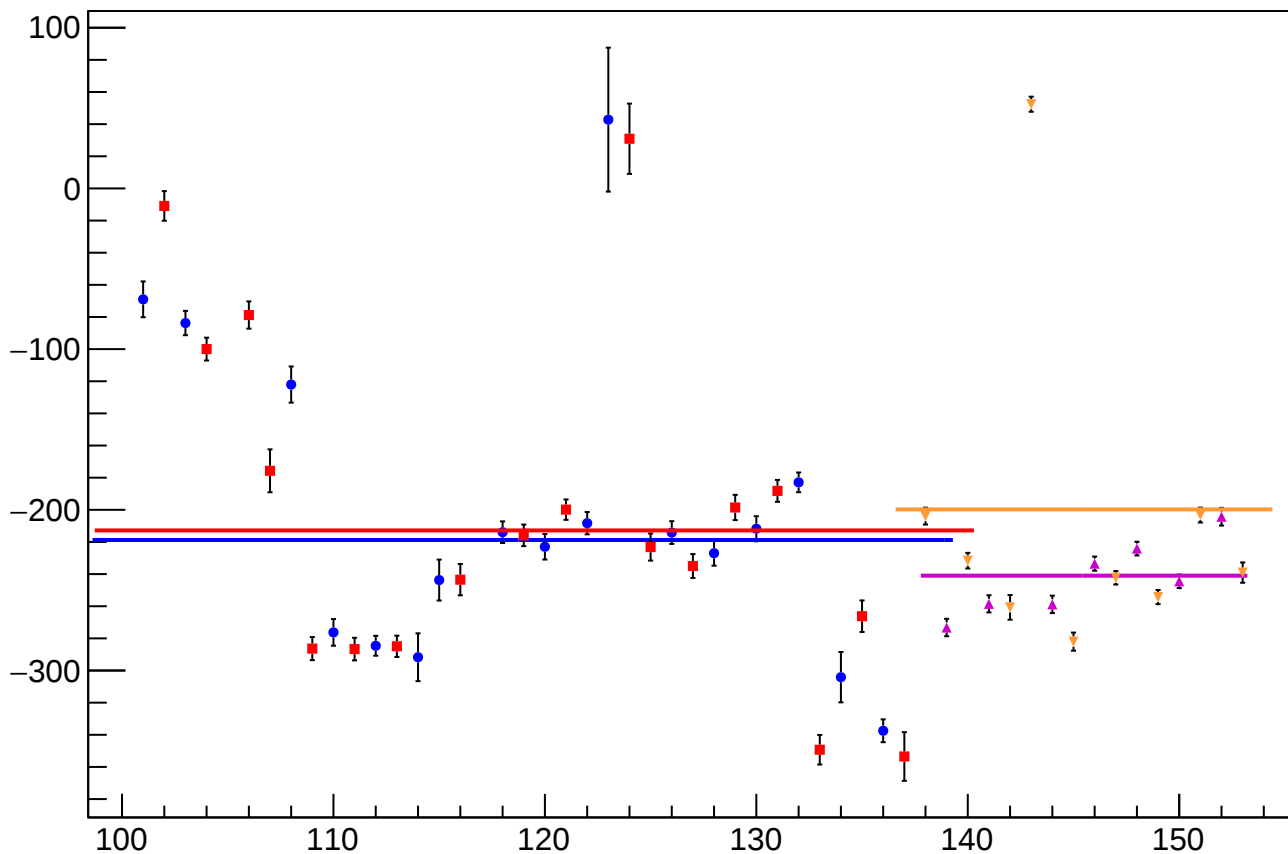
Right: 11.084 $\pm$ 0.745 χ^2 /NDF: 639.9/34

In: 5.153 $\pm$ 0.799 χ^2 /NDF:496.3/23

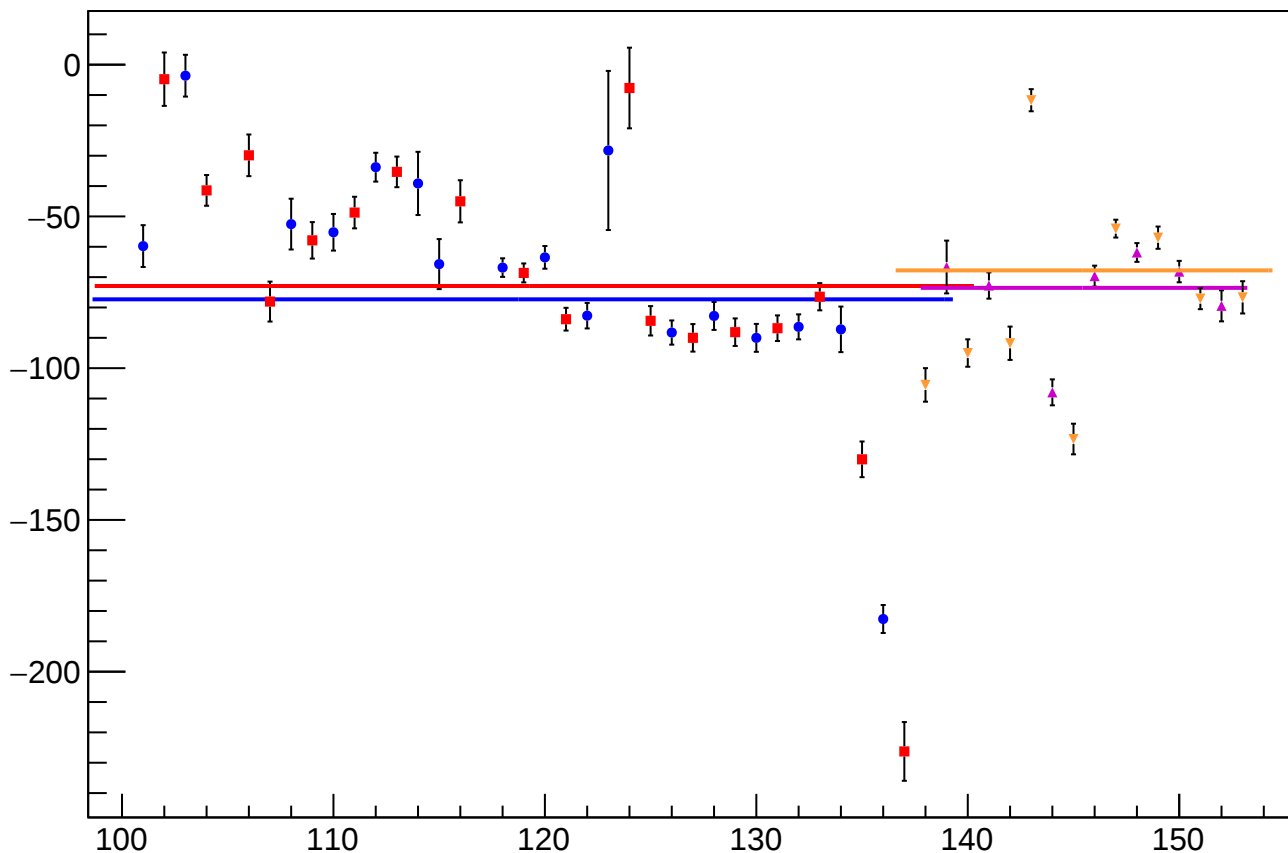
Out: 4.466 $\pm$ 0.757 χ^2 /NDF:440.7/26

All: 4.790 $\pm$ 0.550 χ^2 /NDF: 937.4/50

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -67.786 ± 1.364 χ^2/NDF : 500.6/8

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -73.539 ± 1.528 χ^2/NDF : 84.6/6

Left: -70.338 ± 1.017 χ^2/NDF : 593.1/15

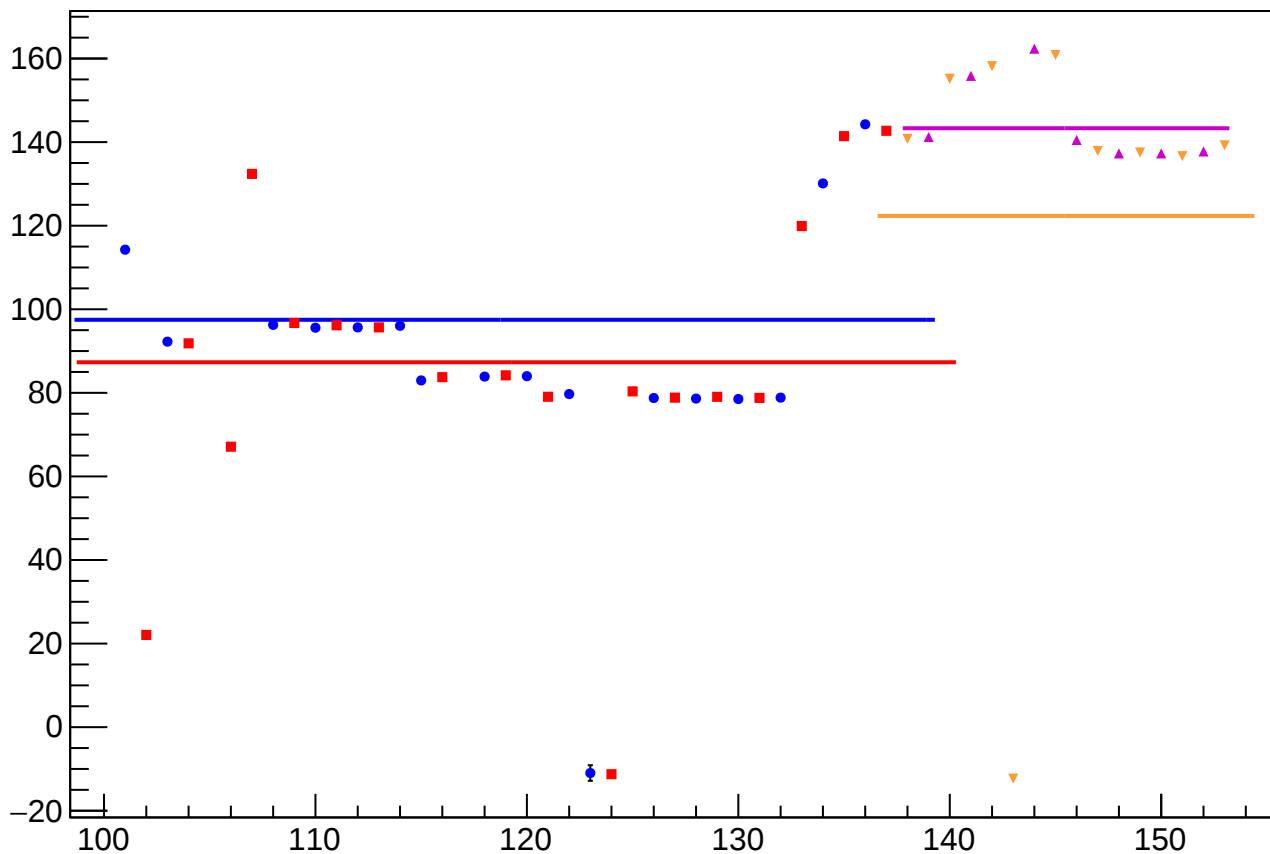
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -75.844 ± 0.954 χ^2/NDF : 906.0/23

Out: -70.665 ± 0.904 χ^2/NDF : 1169.3/26

All: -73.115 ± 0.656 χ^2/NDF : 2090.9/50

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: 122.339+/-0.070 χ^2/NDF : 610123.5/8

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 143.320+/-0.076 χ^2/NDF : 12988.8/6

Left: 132.010+/-0.052 χ^2/NDF : 663942.2/15

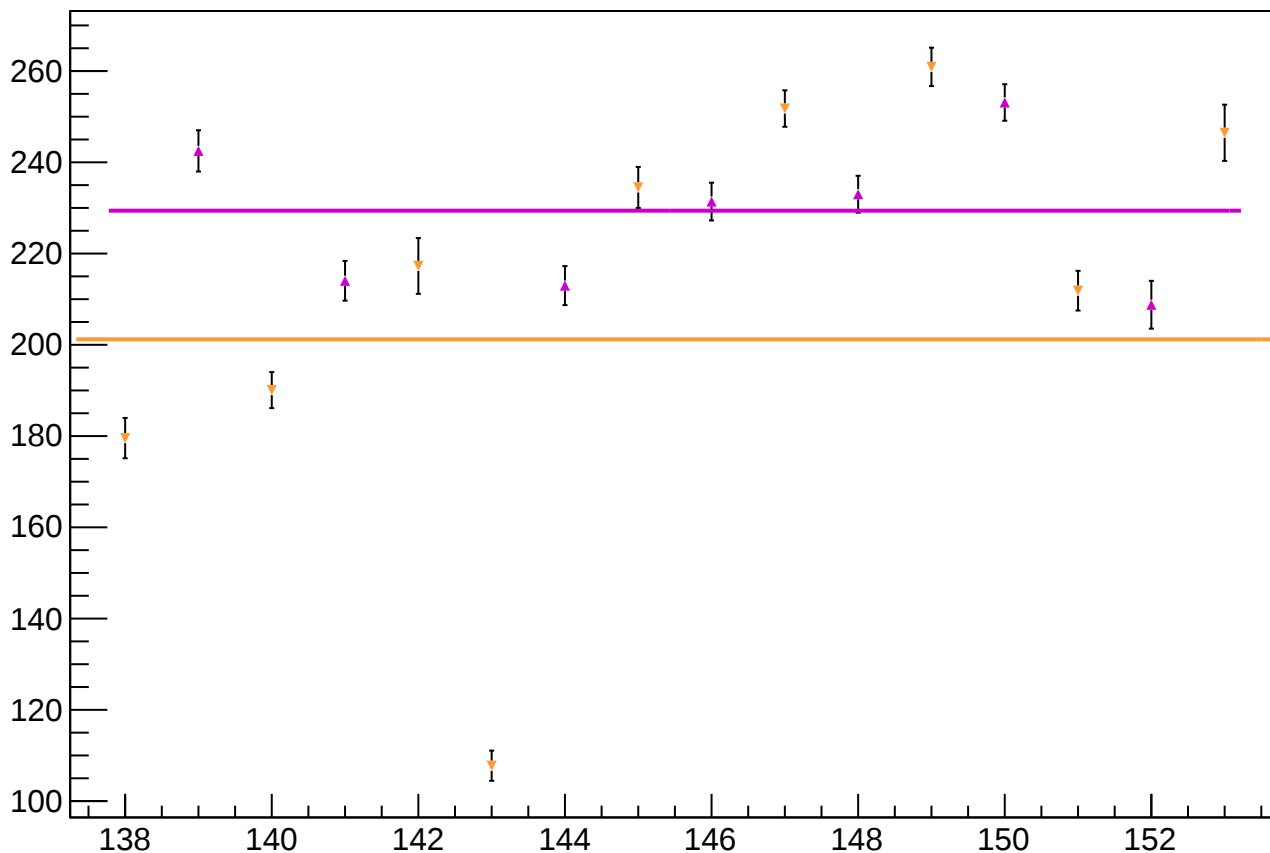
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 119.522+/-0.053 χ^2/NDF : 295061.9/23

Out: 104.285+/-0.049 χ^2/NDF : 959209.4/26

All: 111.337+/-0.036 χ^2/NDF : 1298898.3/50

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: 201.203+/-1.442 χ^2/NDF :1314.1/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 229.401+/-1.634 χ^2/NDF :87.2/6

Left: 213.548+/-1.081 χ^2/NDF : 1568.8/15

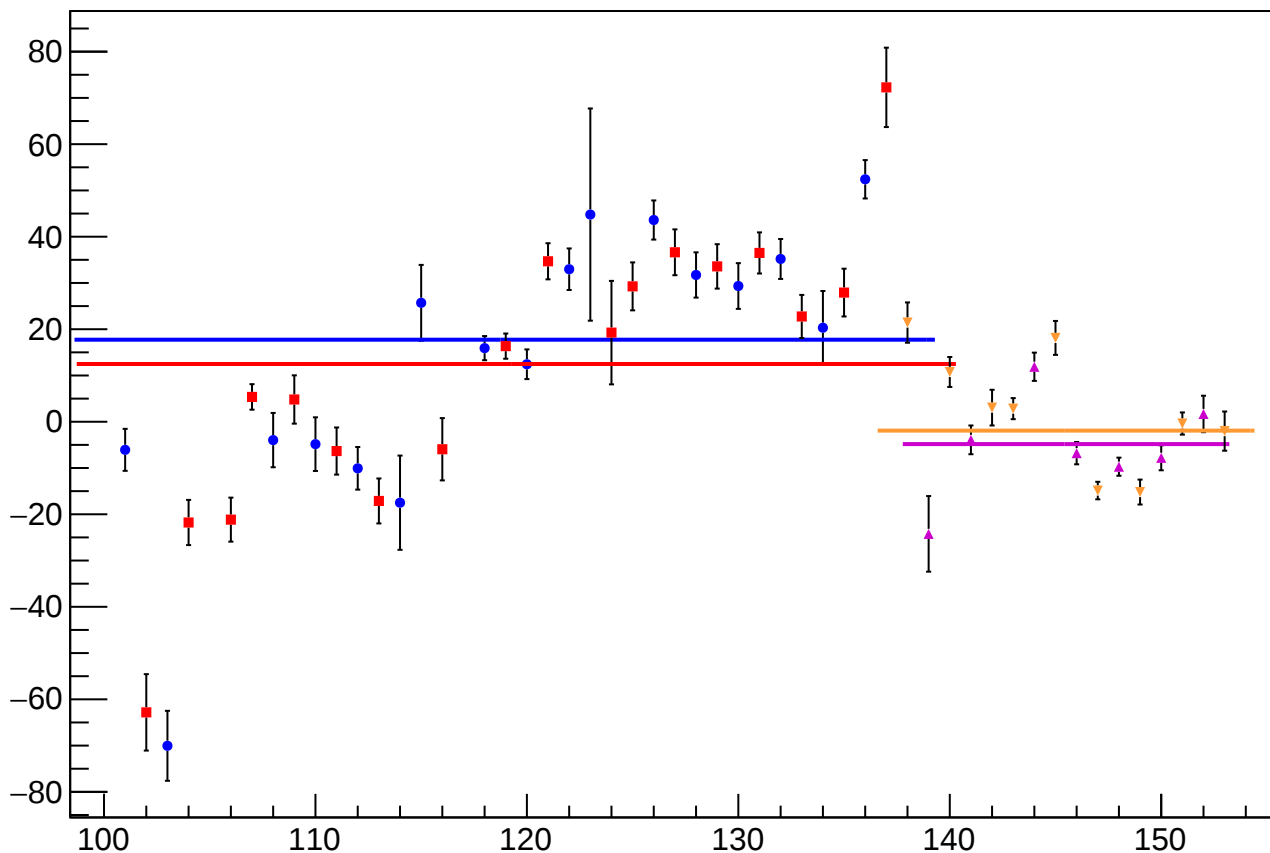
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 229.401+/-1.634 χ^2/NDF :87.2/6

Out: 201.203+/-1.442 χ^2/NDF :1314.1/8

All: 213.548+/-1.081 χ^2/NDF : 1568.8/15

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 ± 1.149 $\chi^2/\text{NDF}: 394.0/16$

Left Out: -1.917 ± 0.941 $\chi^2/\text{NDF}: 151.5/8$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -4.830 ± 1.078 $\chi^2/\text{NDF}: 46.5/6$

Left: -3.177 ± 0.709 $\chi^2/\text{NDF}: 202.2/15$

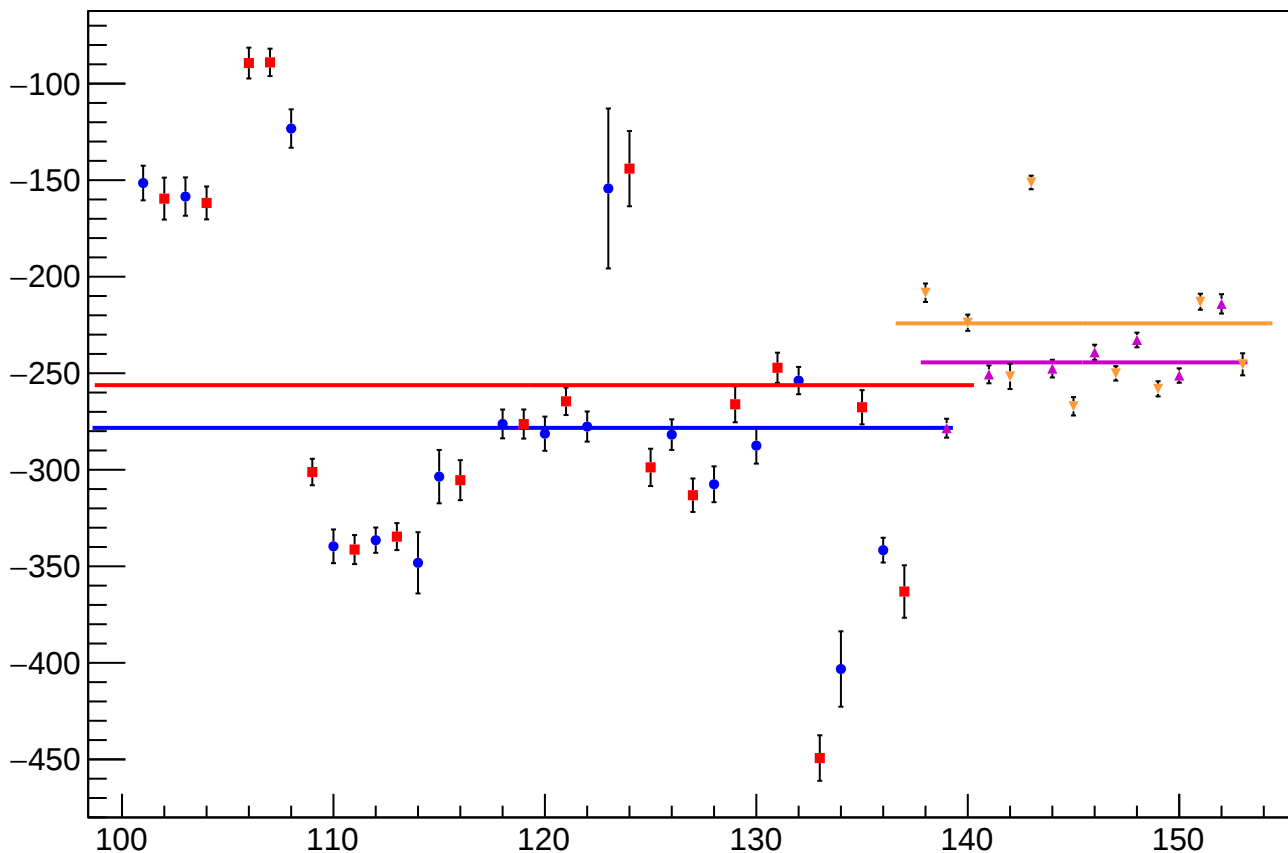
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 5.740 ± 0.786 $\chi^2/\text{NDF}: 645.8/23$

Out: 4.266 ± 0.711 $\chi^2/\text{NDF}: 681.2/26$

All: 4.929 ± 0.527 $\chi^2/\text{NDF}: 1328.8/50$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -224.176 ± 1.454 $\chi^2/\text{NDF}: 681.8/8$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -244.386 ± 1.620 $\chi^2/\text{NDF}: 101.7/6$

Left: -233.188 ± 1.082 $\chi^2/\text{NDF}: 869.7/15$

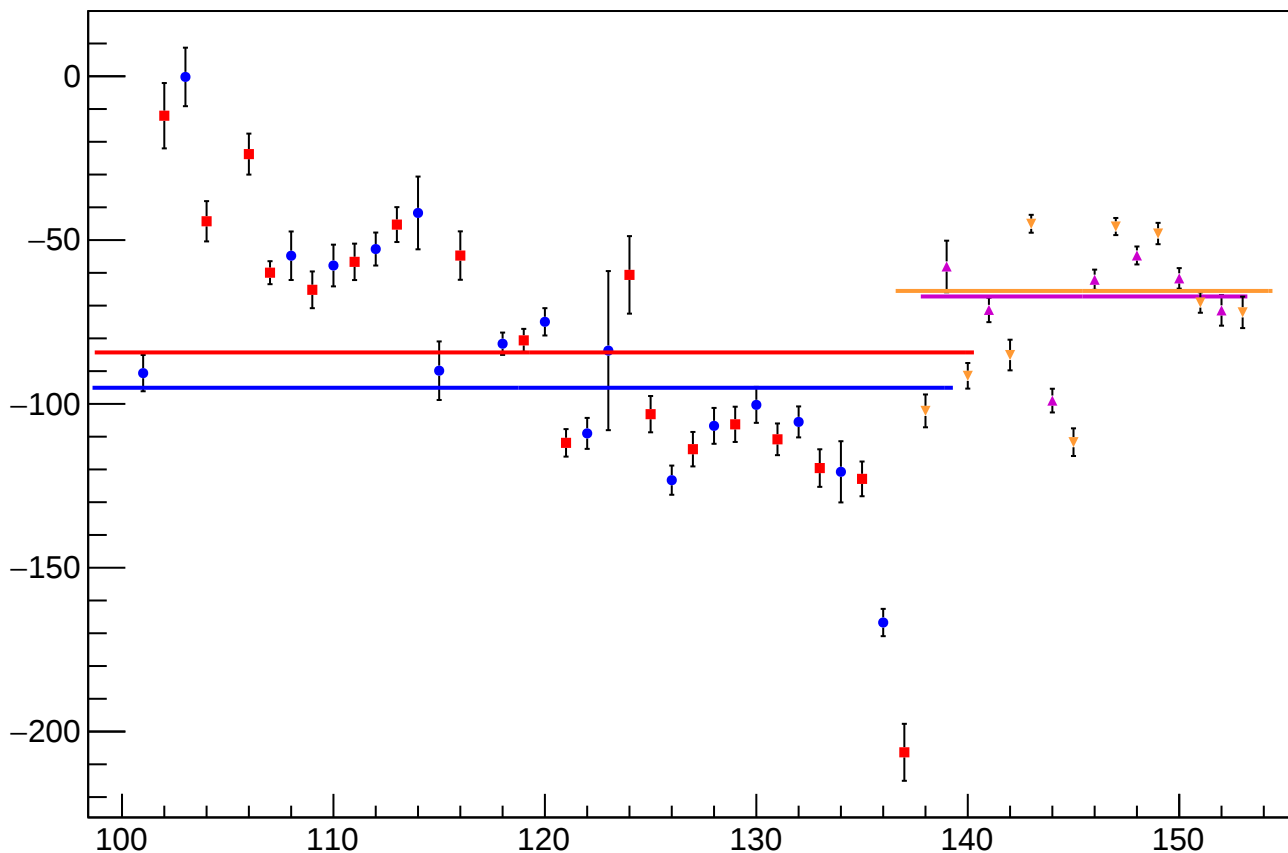
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -256.509 ± 1.299 $\chi^2/\text{NDF}: 1168.2/23$

Out: -235.060 ± 1.181 $\chi^2/\text{NDF}: 2798.8/26$

All: -244.767 ± 0.874 $\chi^2/\text{NDF}: 4116.3/50$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.520 ± 1.172 $\chi^2/\text{NDF}: 379.3/8$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -67.212 ± 1.348 $\chi^2/\text{NDF}: 107.2/6$

Left: -66.249 ± 0.884 $\chi^2/\text{NDF}: 487.5/15$

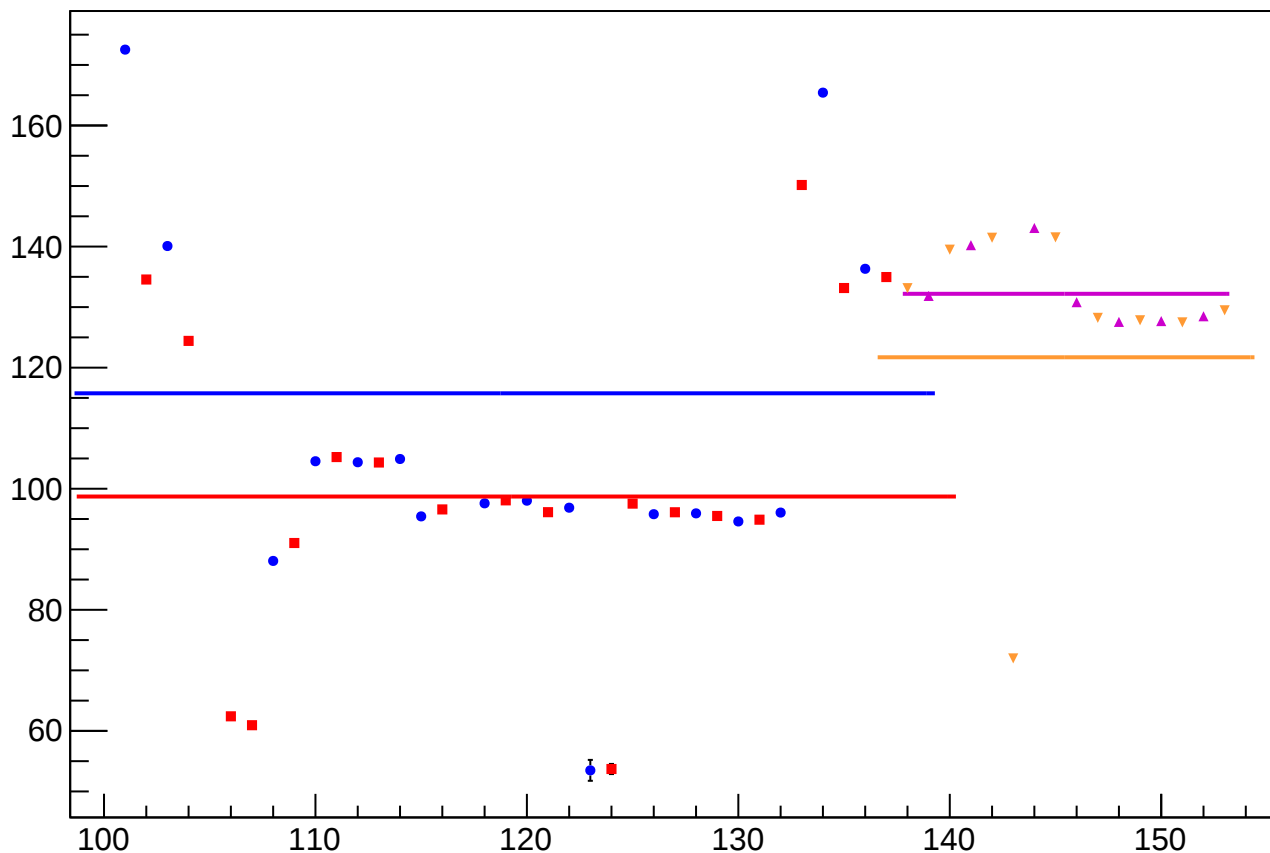
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -81.378 ± 0.945 $\chi^2/\text{NDF}: 997.7/23$

Out: -74.239 ± 0.858 $\chi^2/\text{NDF}: 1267.3/26$

All: -77.463 ± 0.635 $\chi^2/\text{NDF}: 2296.3/50$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763+/-0.078 χ^2/NDF : 106297.4/16

Left Out: 121.713+/-0.061 χ^2/NDF :157815.5/8

Right Out: 98.713+/-0.069 χ^2/NDF : 170183.8/17

Left In: 132.198+/-0.068 χ^2/NDF :6825.5/6

Left: 126.400+/-0.045 χ^2/NDF : 177963.8/15

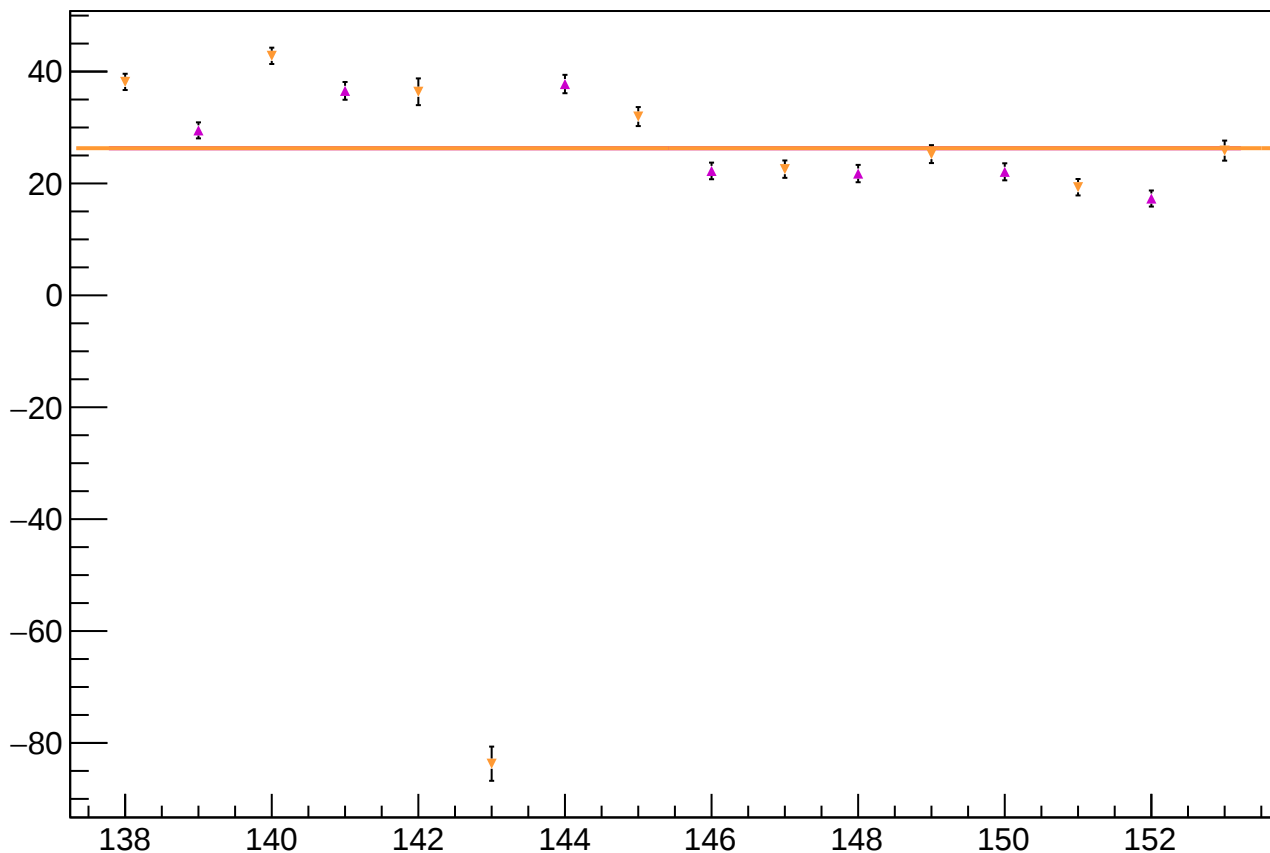
Right: 106.153+/-0.052 χ^2/NDF : 303349.7/34

In: 125.163+/-0.051 χ^2/NDF :138461.7/23

Out: 111.626+/-0.046 χ^2/NDF :390907.3/26

All: 117.615+/-0.034 χ^2/NDF : 568525.2/50

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.300+/-0.563 χ^2/NDF :1548.6/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.287+/-0.573 χ^2/NDF :158.3/6

Left: 26.294+/-0.402 χ^2/NDF : 1706.9/15

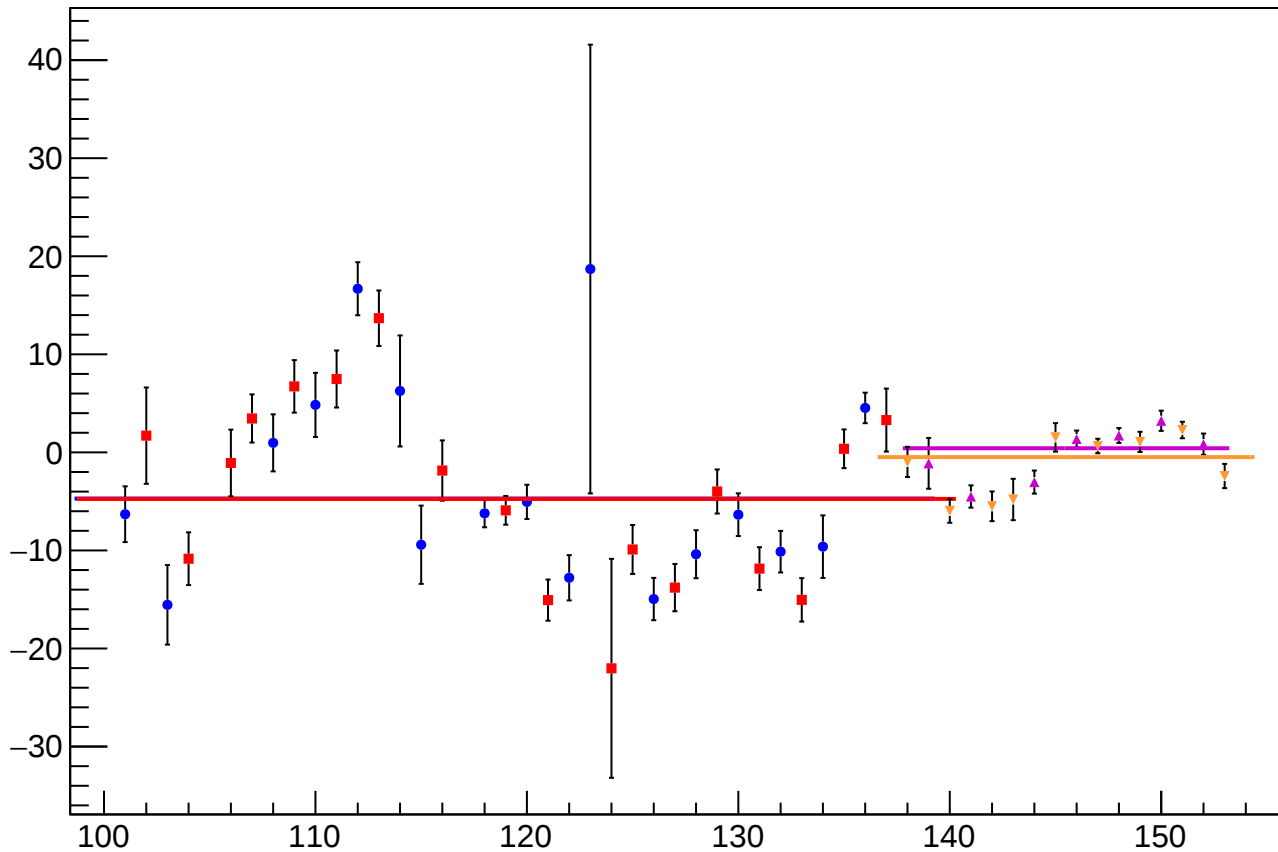
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.287+/-0.573 χ^2/NDF :158.3/6

Out: 26.300+/-0.563 χ^2/NDF :1548.6/8

All: 26.294+/-0.402 χ^2/NDF : 1706.9/15

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: -0.483 ± 0.375 $\chi^2/\text{NDF}: 55.9/8$

Right Out: -4.745 ± 0.585 $\chi^2/\text{NDF}: 189.3/17$

Left In: 0.421 ± 0.391 $\chi^2/\text{NDF}: 39.4/6$

Left: -0.050 ± 0.271 $\chi^2/\text{NDF}: 98.0/15$

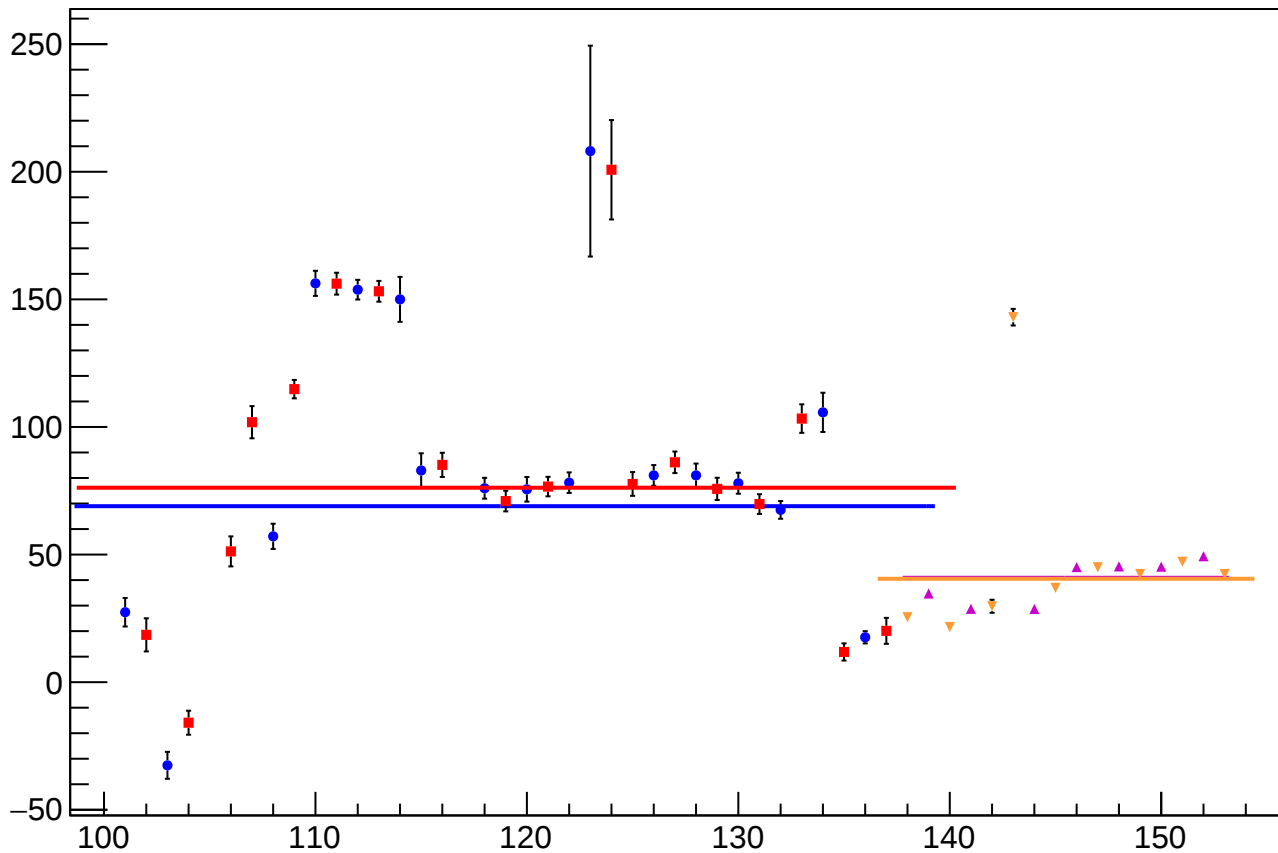
Right: -4.729 ± 0.412 $\chi^2/\text{NDF}: 364.0/34$

In: -1.183 ± 0.325 $\chi^2/\text{NDF}: 267.8/23$

Out: -1.725 ± 0.316 $\chi^2/\text{NDF}: 282.7/26$

All: -1.461 ± 0.226 $\chi^2/\text{NDF}: 551.9/50$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 40.514 ± 0.562 $\chi^2/\text{NDF}: 1284.9/8$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 40.900 ± 0.570 $\chi^2/\text{NDF}: 181.3/6$

Left: 40.705 ± 0.400 $\chi^2/\text{NDF}: 1466.4/15$

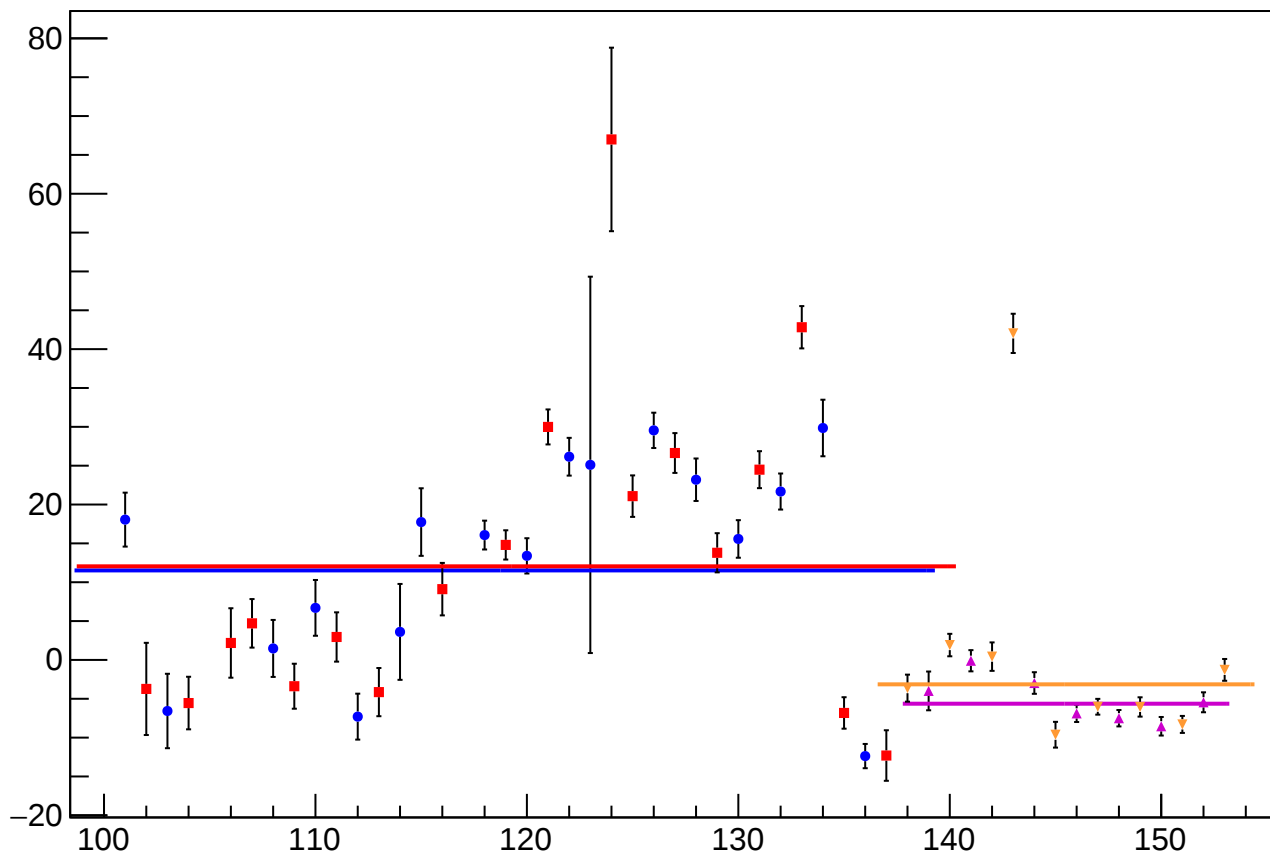
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 47.018 ± 0.504 $\chi^2/\text{NDF}: 2554.2/23$

Out: 48.212 ± 0.497 $\chi^2/\text{NDF}: 4036.6/26$

All: 47.623 ± 0.354 $\chi^2/\text{NDF}: 6593.6/50$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.521 ± 0.660 $\chi^2/\text{NDF}: 477.2/16$

Left Out: -3.142 ± 0.467 $\chi^2/\text{NDF}: 388.9/8$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -5.635 ± 0.486 $\chi^2/\text{NDF}: 30.8/6$

Left: -4.338 ± 0.337 $\chi^2/\text{NDF}: 433.5/15$

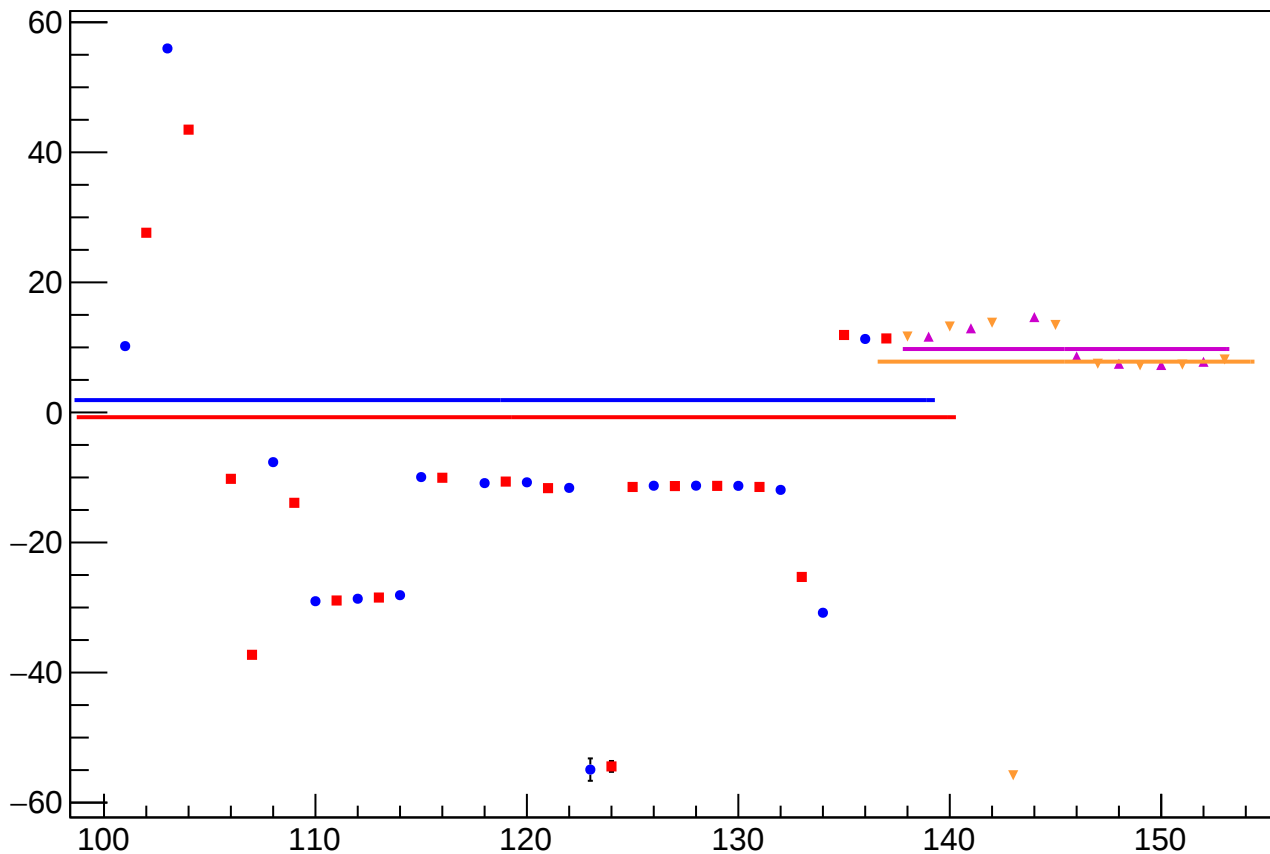
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: 0.400 ± 0.391 $\chi^2/\text{NDF}: 946.3/23$

Out: 1.876 ± 0.382 $\chi^2/\text{NDF}: 1277.5/26$

All: 1.156 ± 0.273 $\chi^2/\text{NDF}: 2231.1/50$

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: 7.811 ± 0.023 χ^2/NDF : 256208.4/8

Right Out: -0.733 ± 0.037 χ^2/NDF : 359934.4/17

Left In: 9.751 ± 0.024 χ^2/NDF : 12028.8/6

Left: 8.770 ± 0.017 χ^2/NDF : 271679.6/15

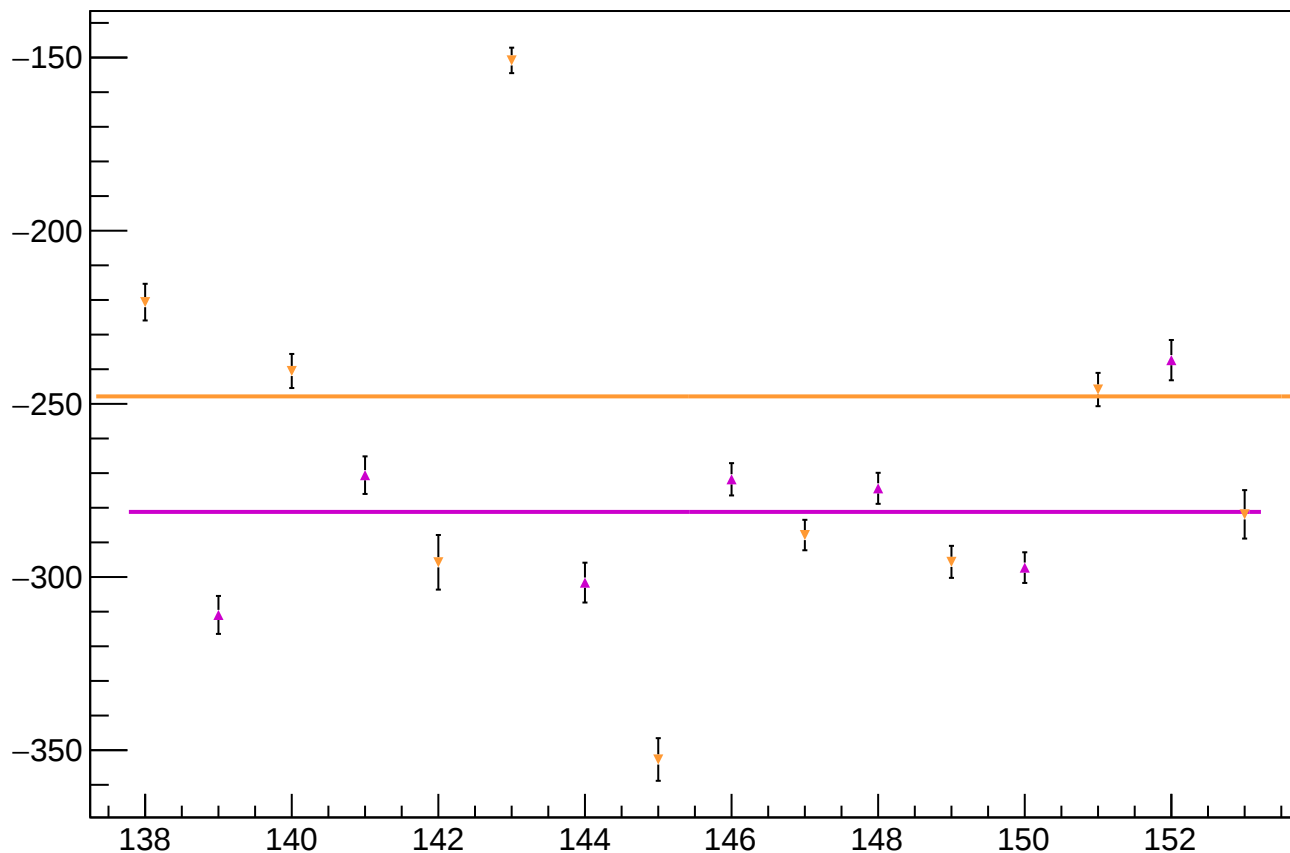
Right: 0.584 ± 0.026 χ^2/NDF : 721303.3/34

In: 7.495 ± 0.020 χ^2/NDF : 402934.7/23

Out: 5.404 ± 0.020 χ^2/NDF : 654210.7/26

All: 6.441 ± 0.014 χ^2/NDF : 1062731.2/50

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: -247.843+/-1.677 χ^2/NDF :1265.8/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -281.196+/-1.911 χ^2/NDF :122.2/6

Left: -262.353+/-1.260 χ^2/NDF : 1560.1/15

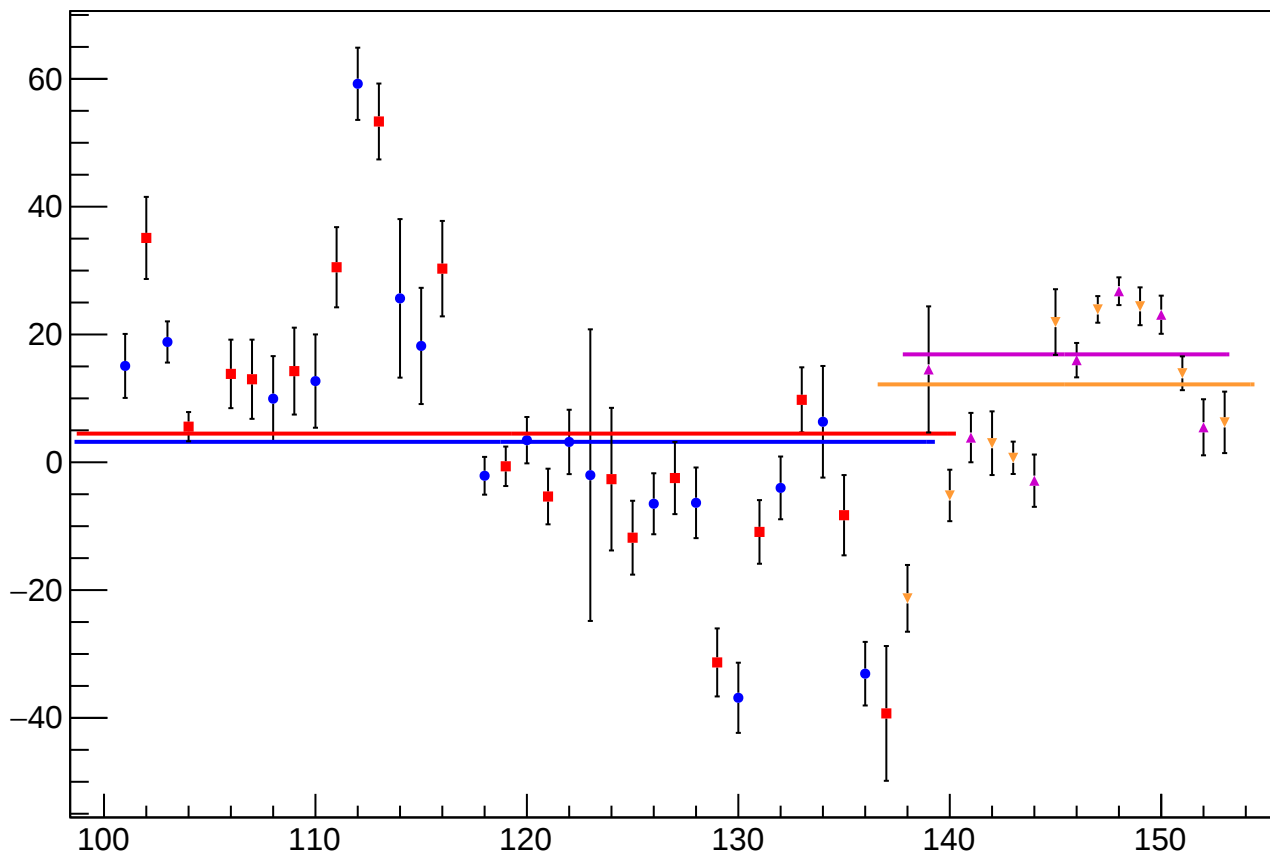
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -281.196+/-1.911 χ^2/NDF :122.2/6

Out: -247.843+/-1.677 χ^2/NDF :1265.8/8

All: -262.353+/-1.260 χ^2/NDF : 1560.1/15

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: 12.190 ± 1.076 χ^2/NDF : 138.1/8

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 16.888 ± 1.239 χ^2/NDF : 66.7/6

Left: 14.210 ± 0.812 χ^2/NDF : 212.9/15

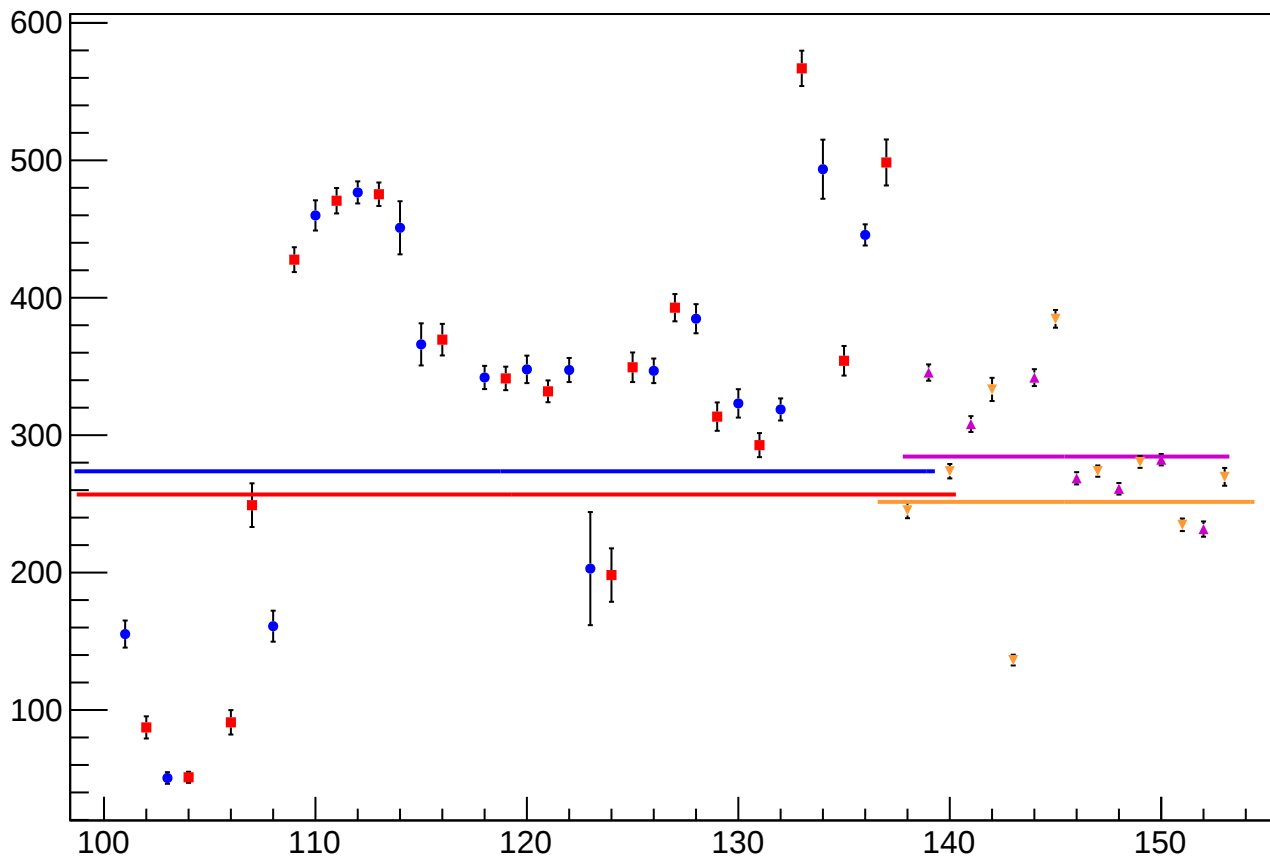
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 9.979 ± 0.872 χ^2/NDF : 383.4/23

Out: 8.623 ± 0.789 χ^2/NDF : 383.5/26

All: 9.233 ± 0.585 χ^2/NDF : 768.3/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717+/-2.195 χ^2/NDF : 5103.3/16

Left Out: 251.460+/-1.680 χ^2/NDF : 1497.5/8

Right Out: 256.826+/-2.084 χ^2/NDF : 6411.8/17

Left In: 284.437+/-1.881 χ^2/NDF : 343.9/6

Left: 266.095+/-1.253 χ^2/NDF : 2012.4/15

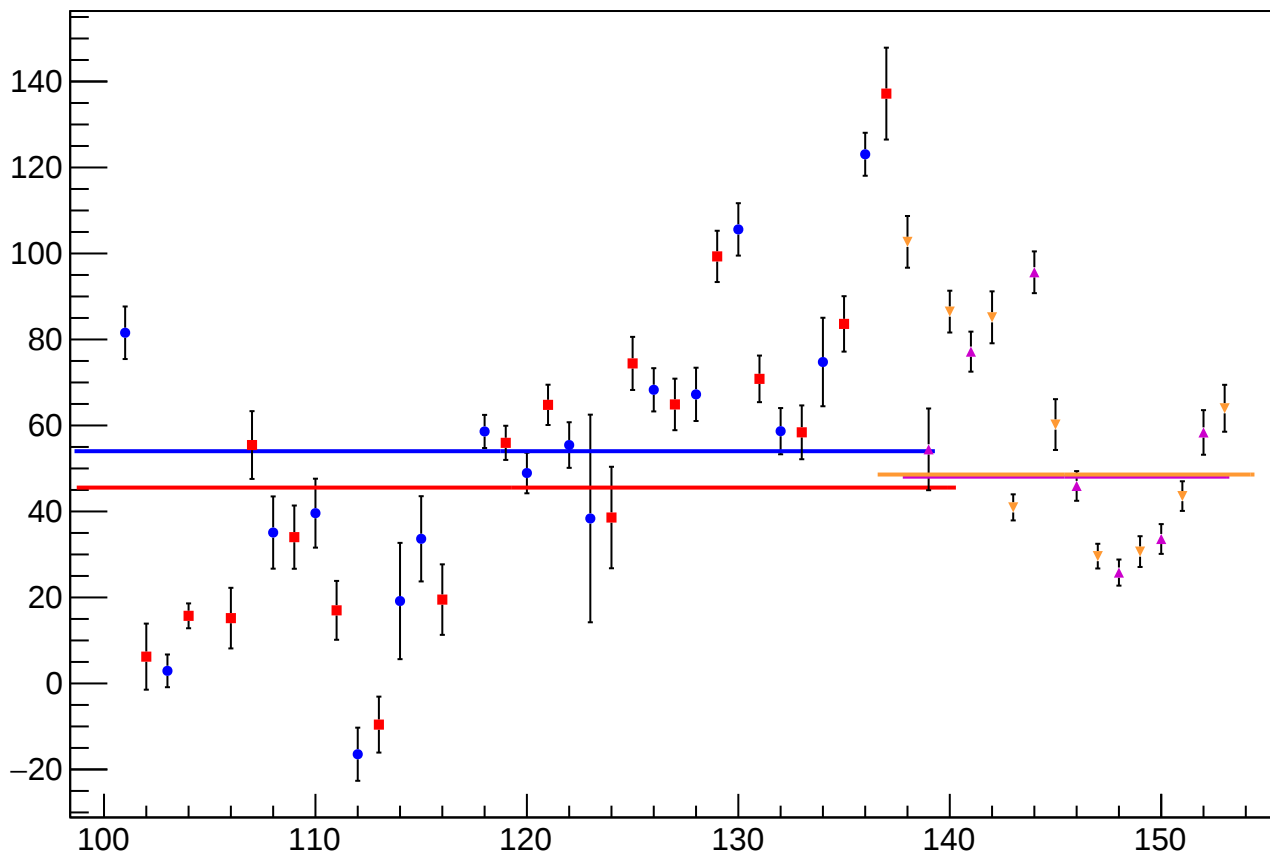
Right: 264.834+/-1.511 χ^2/NDF : 11546.2/34

In: 279.896+/-1.428 χ^2/NDF : 5461.0/23

Out: 253.575+/-1.308 χ^2/NDF : 7913.3/26

All: 265.581+/-0.965 χ^2/NDF : 13559.0/50

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: 48.587 $\pm$ 1.346 χ^2 /NDF: 267.4/8

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 48.092 $\pm$ 1.557 χ^2 /NDF: 211.0/6

Left: 48.375 $\pm$ 1.018 χ^2 /NDF: 478.5/15

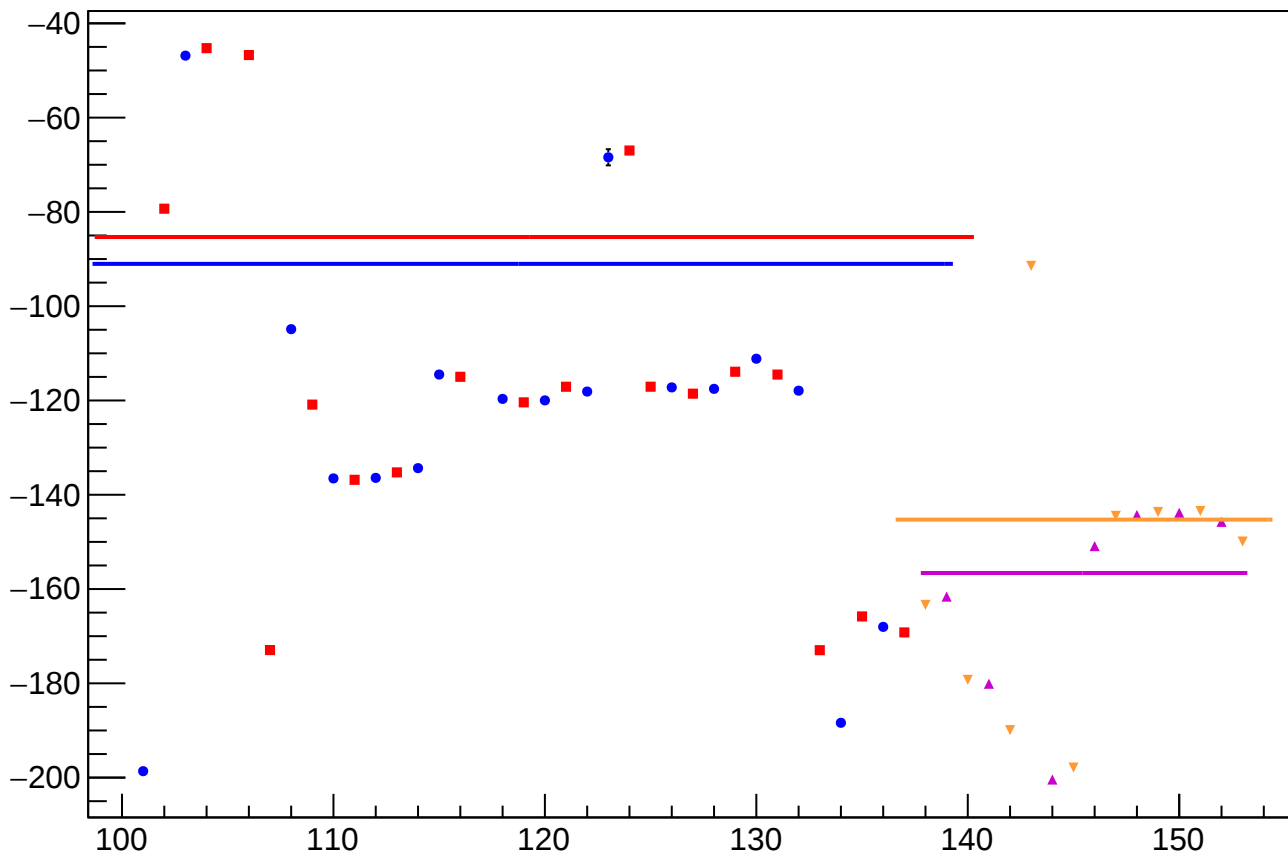
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 51.319 $\pm$ 1.050 χ^2 /NDF: 851.8/23

Out: 47.083 $\pm$ 0.956 χ^2 /NDF: 796.6/26

All: 49.003 $\pm$ 0.707 χ^2 /NDF: 1657.2/50

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 $\pm$ 0.068 χ^2 /NDF: 534258.1/16

Left Out: -145.272 $\pm$ 0.070 χ^2 /NDF: 204982.8/8

Right Out: -85.325 $\pm$ 0.065 χ^2 /NDF: 483106.3/17

Left In: -156.599 $\pm$ 0.079 χ^2 /NDF: 50225.8/6

Left: -150.320 $\pm$ 0.052 χ^2 /NDF: 266721.2/15

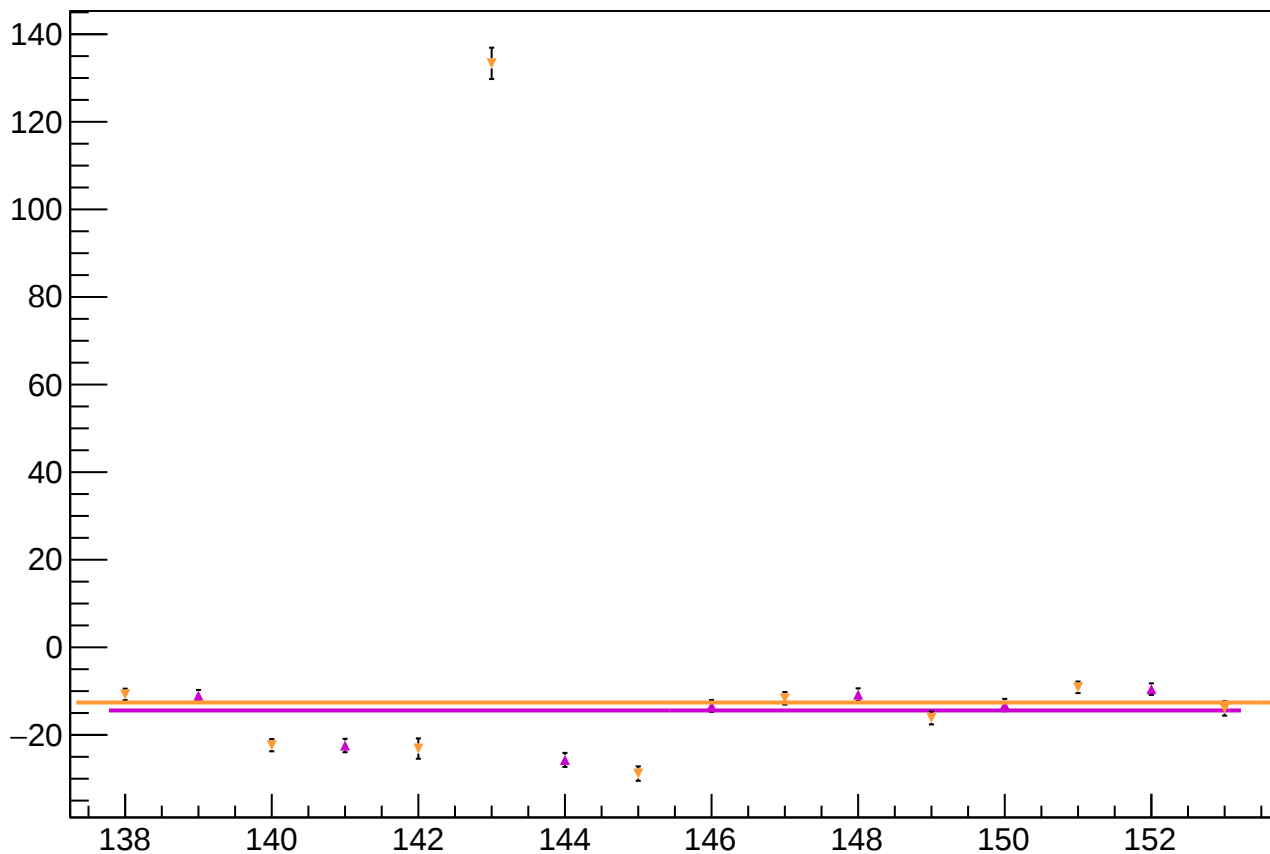
Right: -88.069 $\pm$ 0.047 χ^2 /NDF: 1021045.4/34

In: -118.896 $\pm$ 0.051 χ^2 /NDF: 984720.6/23

Out: -112.956 $\pm$ 0.048 χ^2 /NDF: 1078185.6/26

All: -115.722 $\pm$ 0.035 χ^2 /NDF: 2070086.4/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



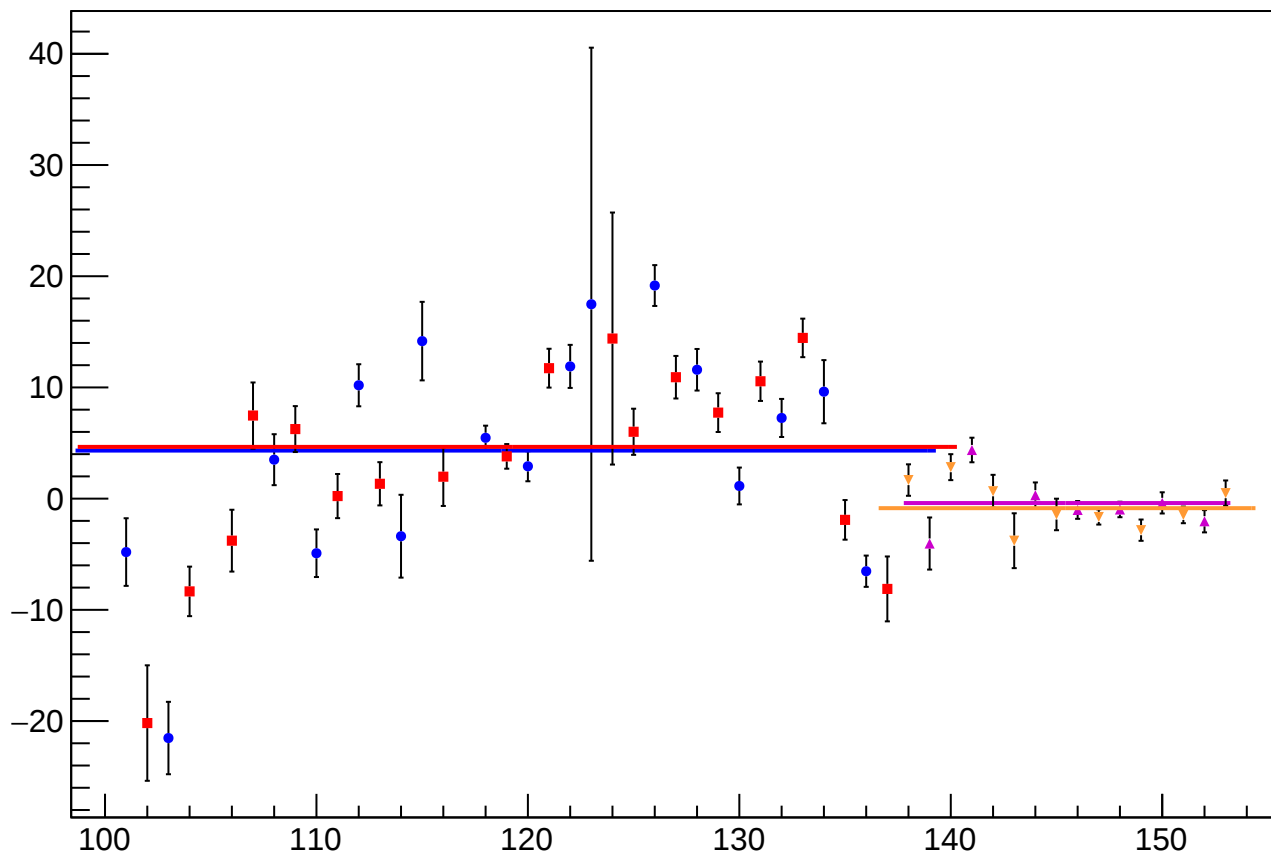
Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -12.603 ± 0.528 $\chi^2/\text{NDF}: 1841.5/8$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -14.419 ± 0.534 $\chi^2/\text{NDF}: 104.6/6$

Left: -13.500 ± 0.375 $\chi^2/\text{NDF}: 1951.9/15$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -14.419 ± 0.534 $\chi^2/\text{NDF}: 104.6/6$
 Out: -12.603 ± 0.528 $\chi^2/\text{NDF}: 1841.5/8$

All: -13.500 ± 0.375 $\chi^2/\text{NDF}: 1951.9/15$

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: -0.857 $\pm$ 0.350 χ^2 /NDF:23.5/8

Right Out: 4.653 $\pm$ 0.474 χ^2 /NDF: 184.4/17

Left In: -0.397 $\pm$ 0.366 χ^2 /NDF:25.4/6

Left: -0.637 $\pm$ 0.253 χ^2 /NDF: 49.7/15

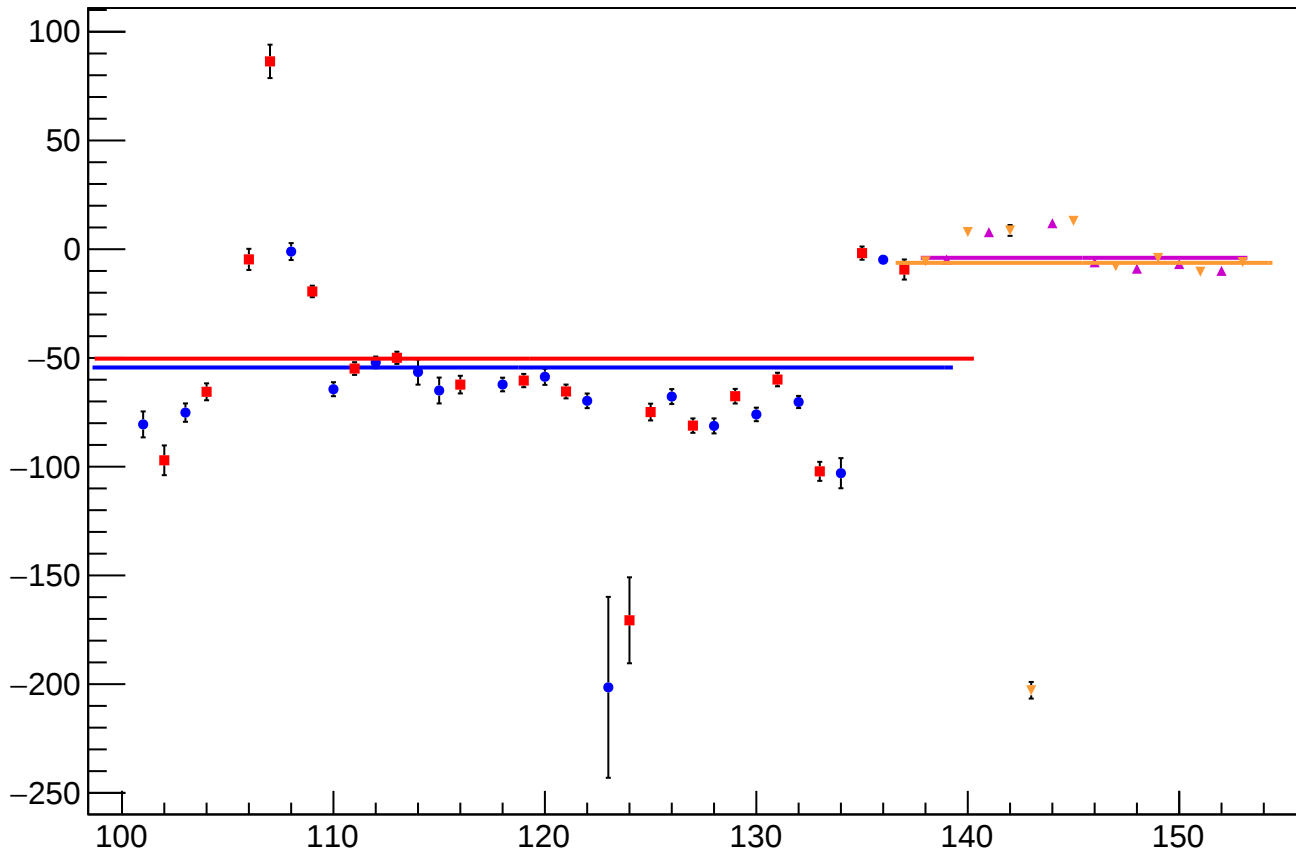
Right: 4.484 $\pm$ 0.332 χ^2 /NDF: 465.0/34

In: 1.404 $\pm$ 0.287 χ^2 /NDF:369.3/23

Out: 1.089 $\pm$ 0.282 χ^2 /NDF:295.3/26

All: 1.243 $\pm$ 0.201 χ^2 /NDF: 665.2/50

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: -6.268 $\pm$ 0.525 χ^2 /NDF:2913.9/8

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.948 $\pm$ 0.530 χ^2 /NDF:181.3/6

Left: -5.120 $\pm$ 0.373 χ^2 /NDF: 3104.9/15

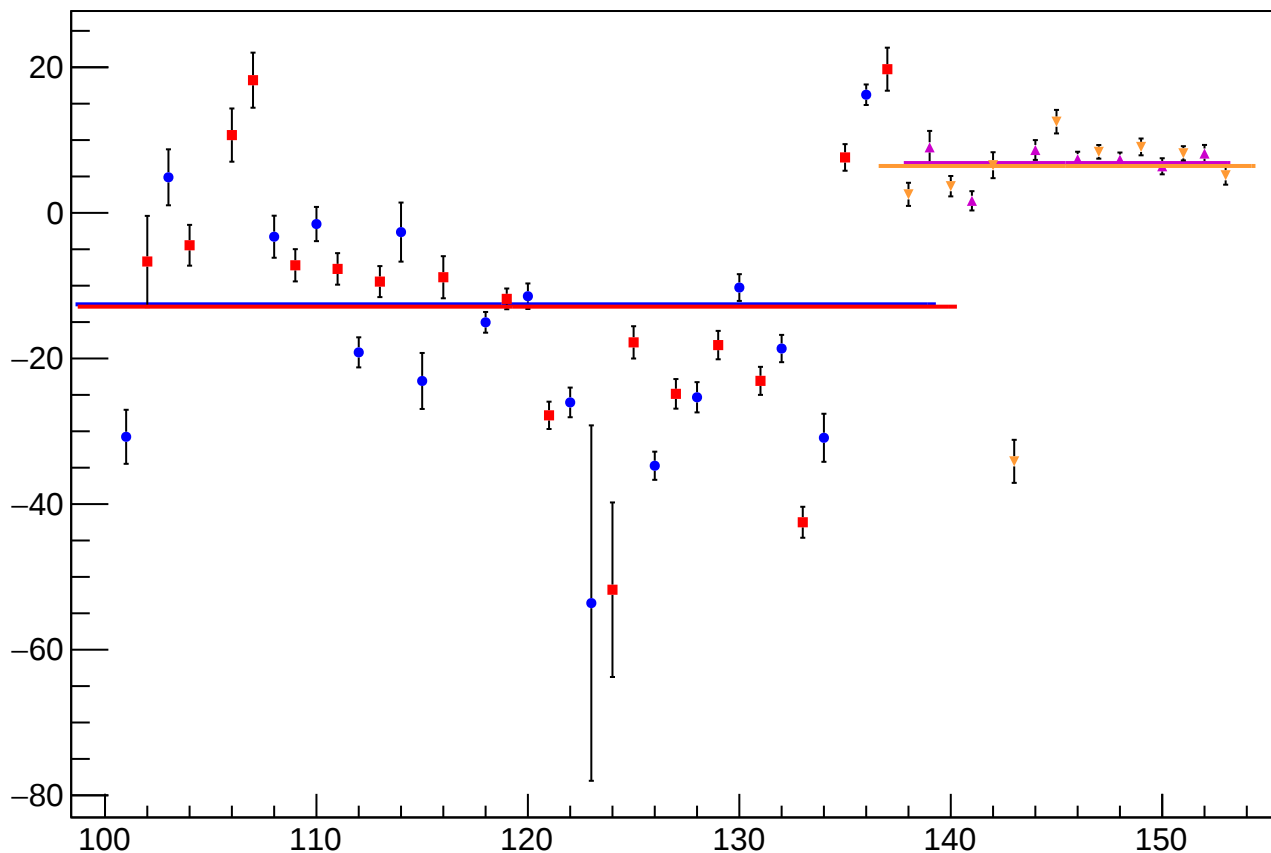
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -17.733 $\pm$ 0.452 χ^2 /NDF:3669.2/23

Out: -18.257 $\pm$ 0.448 χ^2 /NDF:6150.0/26

All: -17.997 $\pm$ 0.318 χ^2 /NDF: 9819.9/50

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: 6.442 ± 0.436 χ^2/NDF : 226.1/8

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 6.845 ± 0.454 χ^2/NDF : 19.9/6

Left: 6.636 ± 0.315 χ^2/NDF : 246.4/15

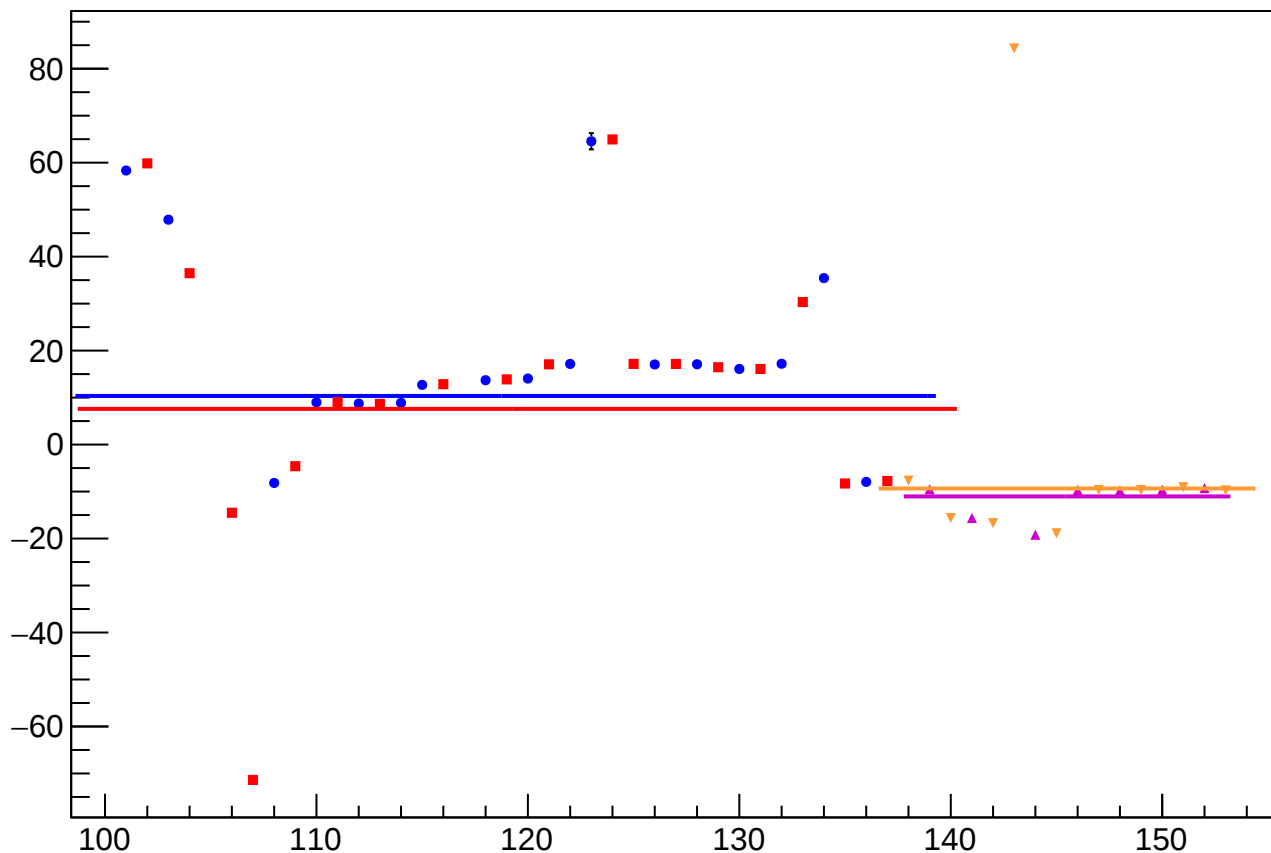
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -1.344 ± 0.345 χ^2/NDF : 1570.1/23

Out: -1.219 ± 0.339 χ^2/NDF : 1730.5/26

All: -1.280 ± 0.242 χ^2/NDF : 3300.6/50

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350 $\pm$ 0.031 χ^2 /NDF: 380878.9/16

Left Out: -9.345 $\pm$ 0.022 χ^2 /NDF:407117.3/8

Right Out: 7.602 $\pm$ 0.031 χ^2 /NDF: 538460.3/17

Left In: -11.033 $\pm$ 0.022 χ^2 /NDF:20360.3/6

Left: -10.184 $\pm$ 0.015 χ^2 /NDF: 430478.9/15

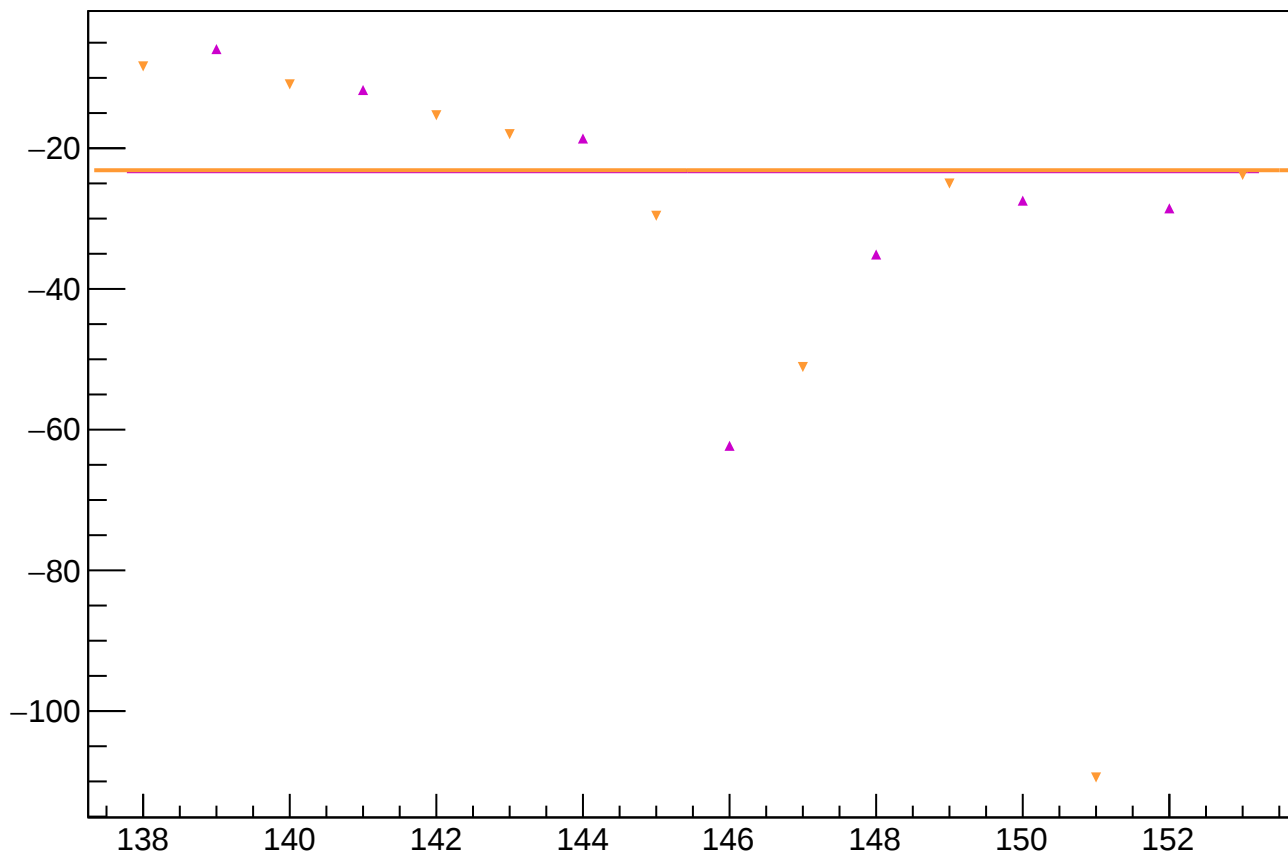
Right: 9.008 $\pm$ 0.022 χ^2 /NDF: 923283.8/34

In: -3.805 $\pm$ 0.018 χ^2 /NDF:724911.5/23

Out: -3.837 $\pm$ 0.018 χ^2 /NDF:1143541.5/26

All: -3.821 $\pm$ 0.013 χ^2 /NDF: 1868454.7/50

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: -23.128+/-0.092 χ^2/NDF : 48893.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Left: -23.196+/-0.065 χ^2/NDF : 77347.0/15

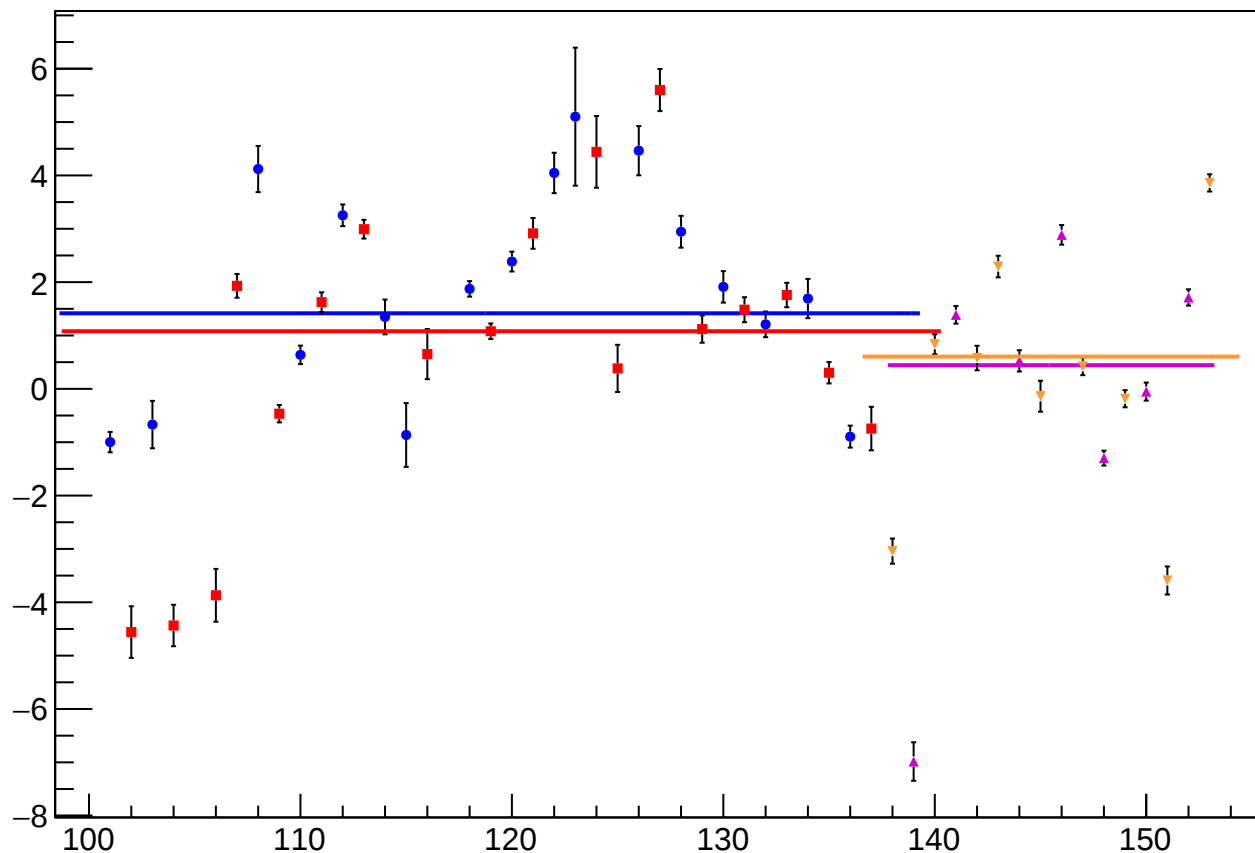
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.266+/-0.093 χ^2/NDF : 28452.5/6

Out: -23.128+/-0.092 χ^2/NDF : 48893.4/8

All: -23.196+/-0.065 χ^2/NDF : 77347.0/15

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: 0.604 $\pm$ 0.066 χ^2 /NDF:1003.8/8

Right Out: 1.080 $\pm$ 0.058 χ^2 /NDF: 916.1/17

Left In: 0.444 $\pm$ 0.066 χ^2 /NDF:866.2/6

Left: 0.524 $\pm$ 0.047 χ^2 /NDF: 1873.0/15

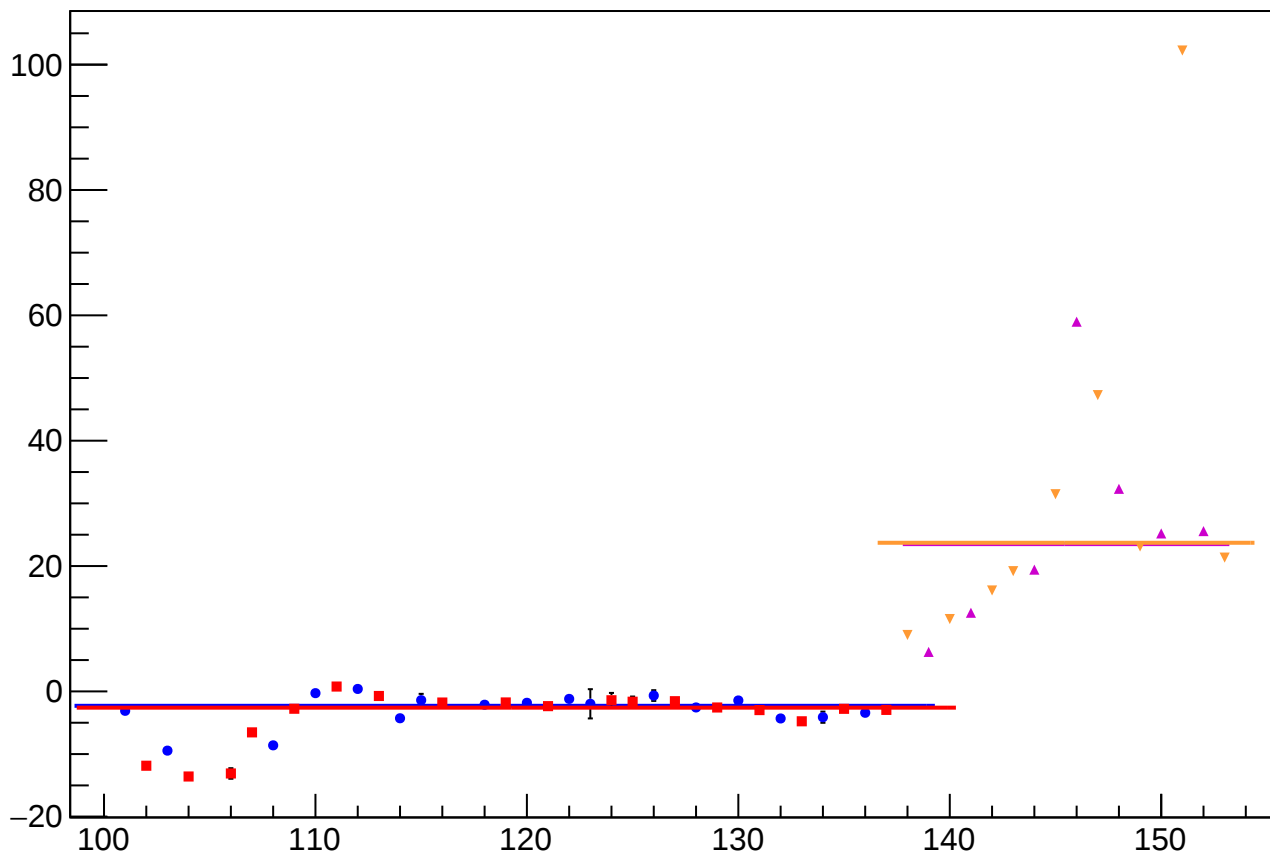
Right: 1.239 $\pm$ 0.042 χ^2 /NDF: 1563.2/34

In: 0.968 $\pm$ 0.045 χ^2 /NDF:1613.9/23

Out: 0.871 $\pm$ 0.044 χ^2 /NDF:1949.2/26

All: 0.918 $\pm$ 0.031 χ^2 /NDF: 3565.5/50

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 23.715 ± 0.093 χ^2/NDF : 43595.1/8

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 23.499 ± 0.093 χ^2/NDF : 23833.3/6

Left: 23.607 ± 0.066 χ^2/NDF : 67431.1/15

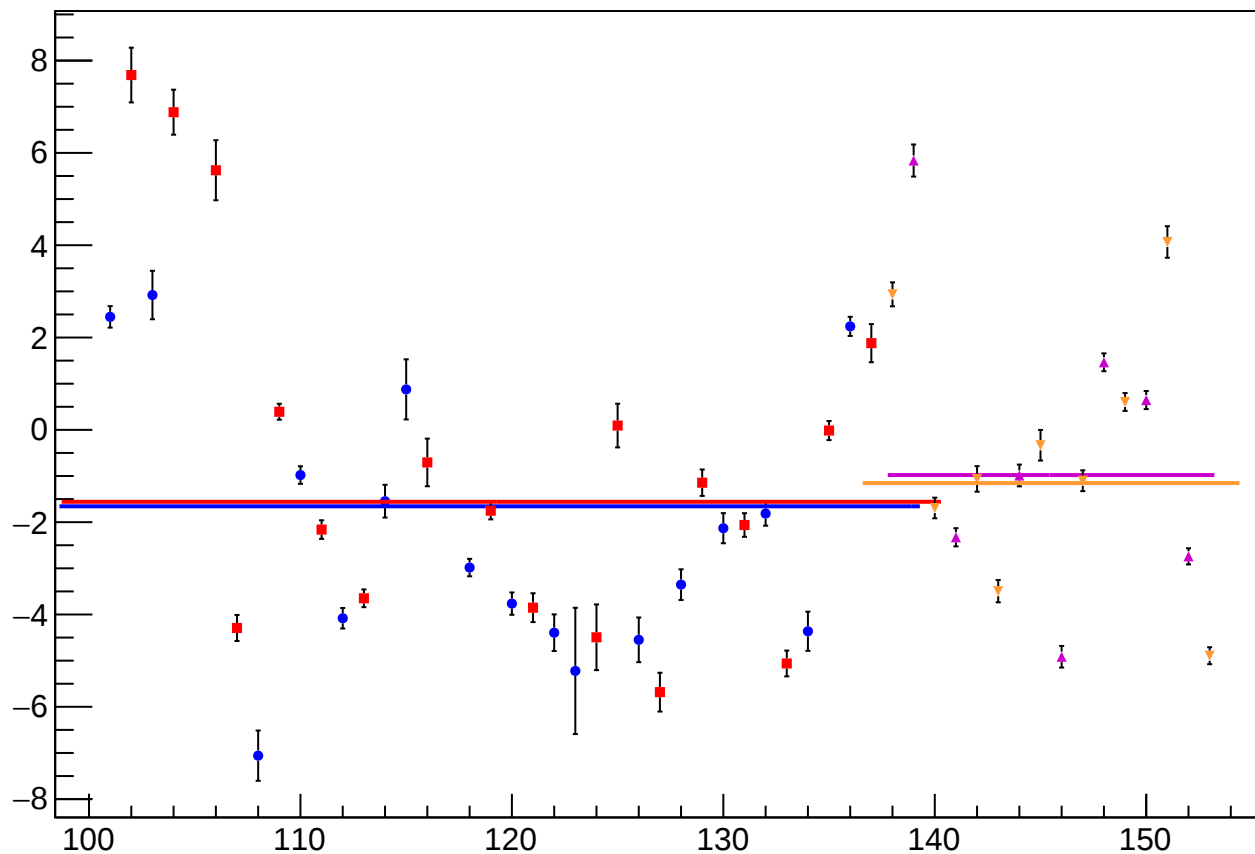
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.843 ± 0.071 χ^2/NDF : 56072.3/23

Out: 11.444 ± 0.068 χ^2/NDF : 81962.0/26

All: 12.109 ± 0.049 χ^2/NDF : 138236.8/50

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 χ^2/NDF : 1271.1/16

Left Out: -1.153 ± 0.079 χ^2/NDF : 1085.4/8

Right Out: -1.558 ± 0.066 χ^2/NDF : 1484.7/17

Left In: -0.979 ± 0.080 χ^2/NDF : 1041.1/6

Left: -1.067 ± 0.056 χ^2/NDF : 2128.9/15

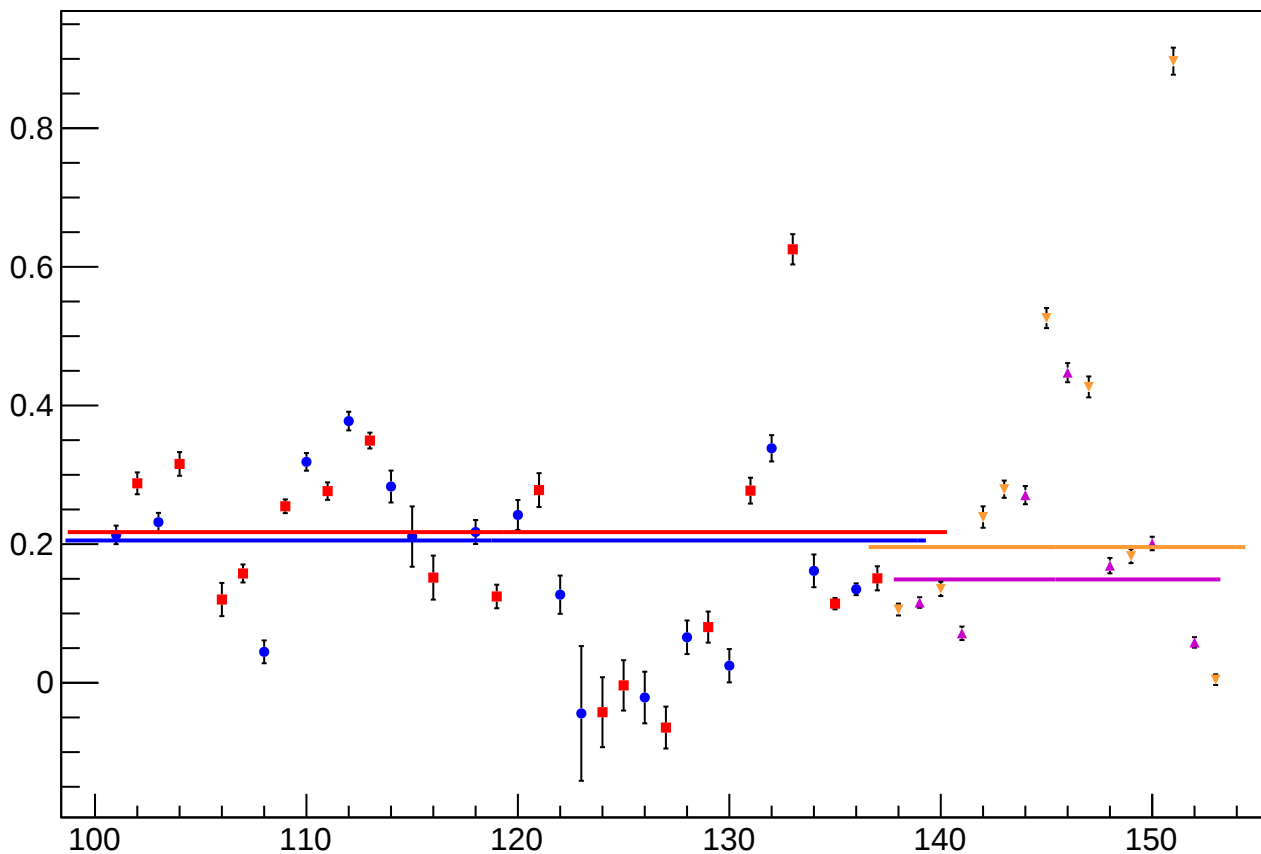
Right: -1.604 ± 0.048 χ^2/NDF : 2756.9/34

In: -1.362 ± 0.053 χ^2/NDF : 2352.4/23

Out: -1.394 ± 0.051 χ^2/NDF : 2585.6/26

All: -1.378 ± 0.037 χ^2/NDF : 4938.2/50

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: 0.196 $\pm$ 0.004 χ^2 /NDF:2865.1/8

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.149 $\pm$ 0.004 χ^2 /NDF:809.5/6

Left: 0.172 $\pm$ 0.003 χ^2 /NDF: 3754.7/15

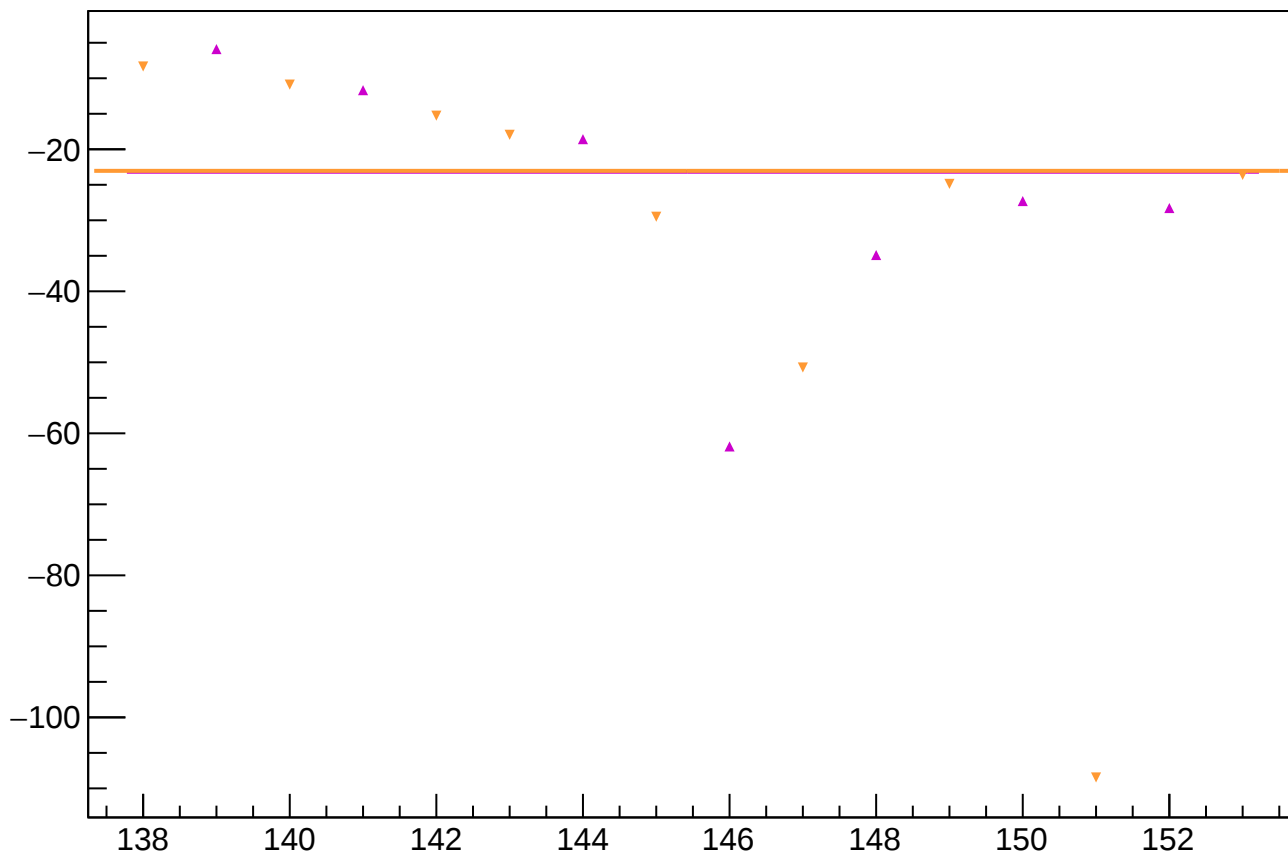
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.174 $\pm$ 0.003 χ^2 /NDF:1533.6/23

Out: 0.207 $\pm$ 0.003 χ^2 /NDF:3901.4/26

All: 0.191 $\pm$ 0.002 χ^2 /NDF: 5510.0/50

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: -23.037+/-0.091 χ^2/NDF : 48774.3/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Left: -23.099+/-0.065 χ^2/NDF : 77130.8/15

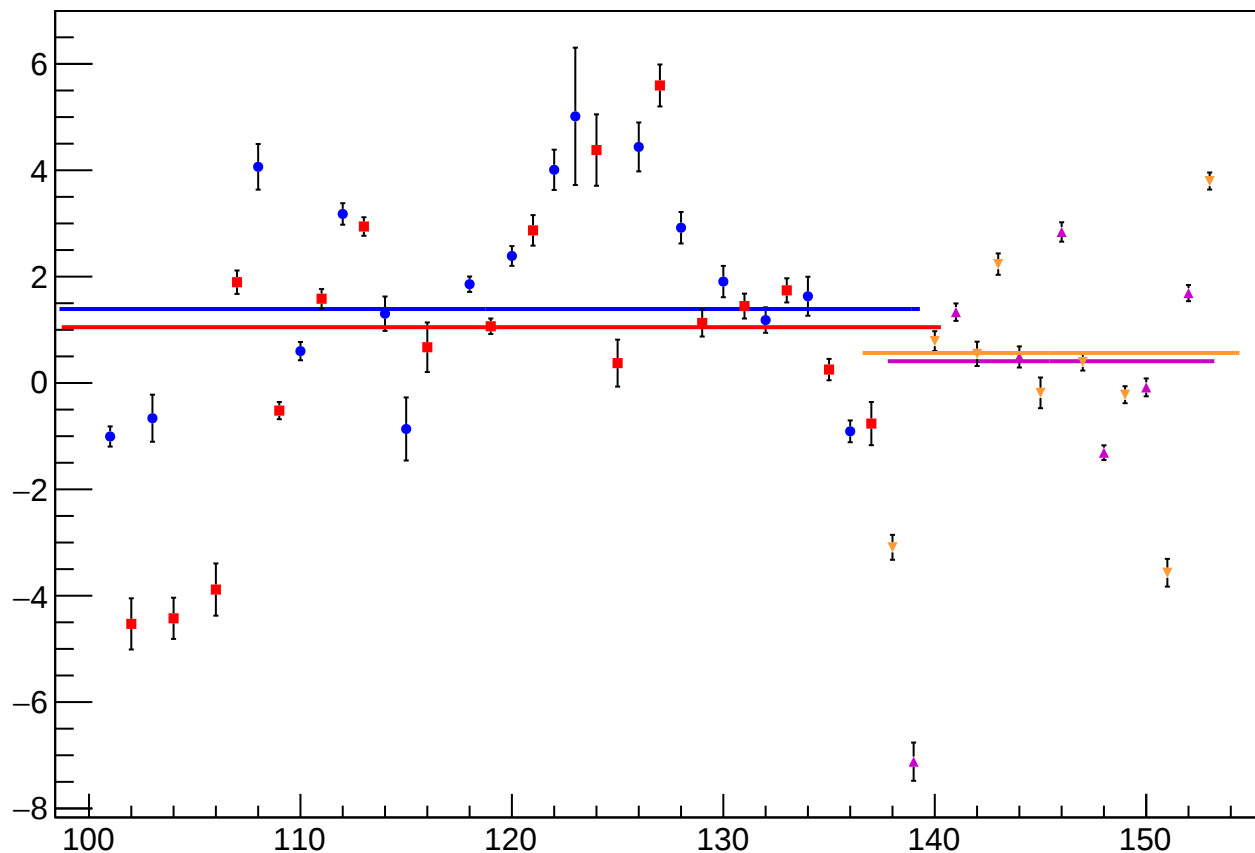
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.162+/-0.093 χ^2/NDF : 28355.5/6

Out: -23.037+/-0.091 χ^2/NDF : 48774.3/8

All: -23.099+/-0.065 χ^2/NDF : 77130.8/15

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 $\pm$ 0.061 χ^2/NDF : 629.2/16

Left Out: 0.565 $\pm$ 0.065 χ^2/NDF :1003.6/8

Right Out: 1.049 $\pm$ 0.058 χ^2/NDF : 919.8/17

Left In: 0.410 $\pm$ 0.066 χ^2/NDF :882.2/6

Left: 0.488 $\pm$ 0.046 χ^2/NDF : 1888.6/15

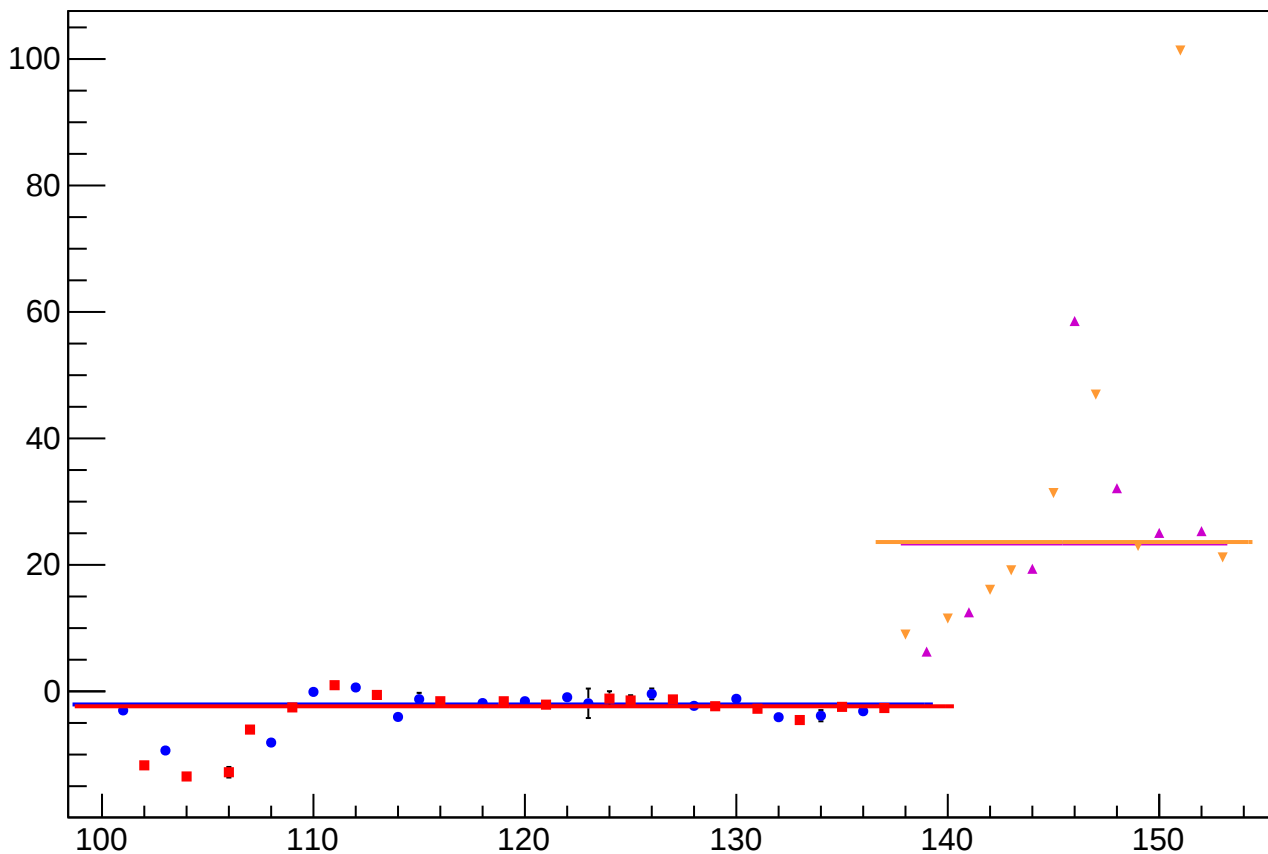
Right: 1.211 $\pm$ 0.042 χ^2/NDF : 1565.5/34

In: 0.938 $\pm$ 0.045 χ^2/NDF :1631.3/23

Out: 0.836 $\pm$ 0.043 χ^2/NDF :1954.0/26

All: 0.886 $\pm$ 0.031 χ^2/NDF : 3588.0/50

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: 23.614 ± 0.092 χ^2/NDF : 43489.1/8

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 23.385 ± 0.092 χ^2/NDF : 23751.9/6

Left: 23.500 ± 0.065 χ^2/NDF : 67244.1/15

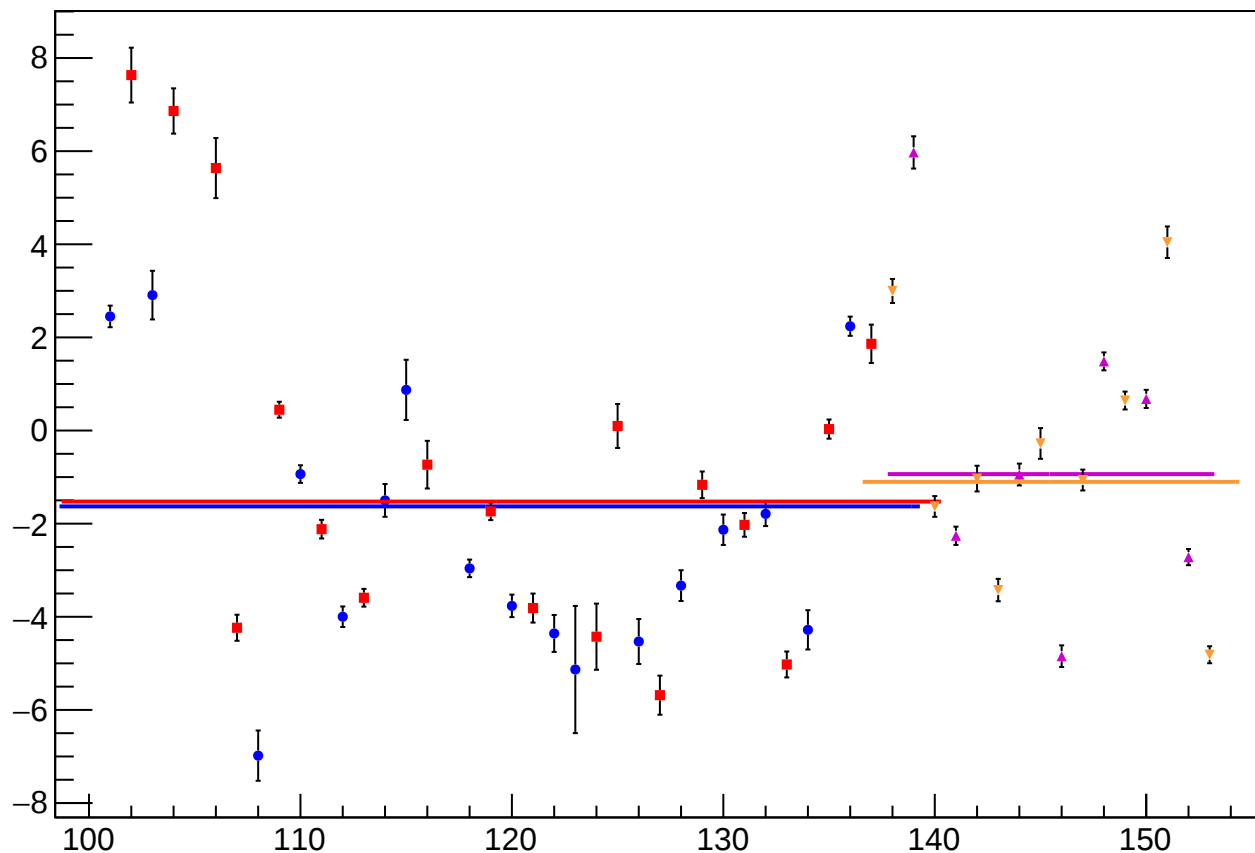
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.886 ± 0.071 χ^2/NDF : 55511.3/23

Out: 11.504 ± 0.067 χ^2/NDF : 81341.7/26

All: 12.161 ± 0.049 χ^2/NDF : 137052.7/50

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -1.102 ± 0.079 χ^2/NDF : 1085.8/8

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -0.936 ± 0.080 χ^2/NDF : 1058.5/6

Left: -1.020 ± 0.056 χ^2/NDF : 2146.5/15

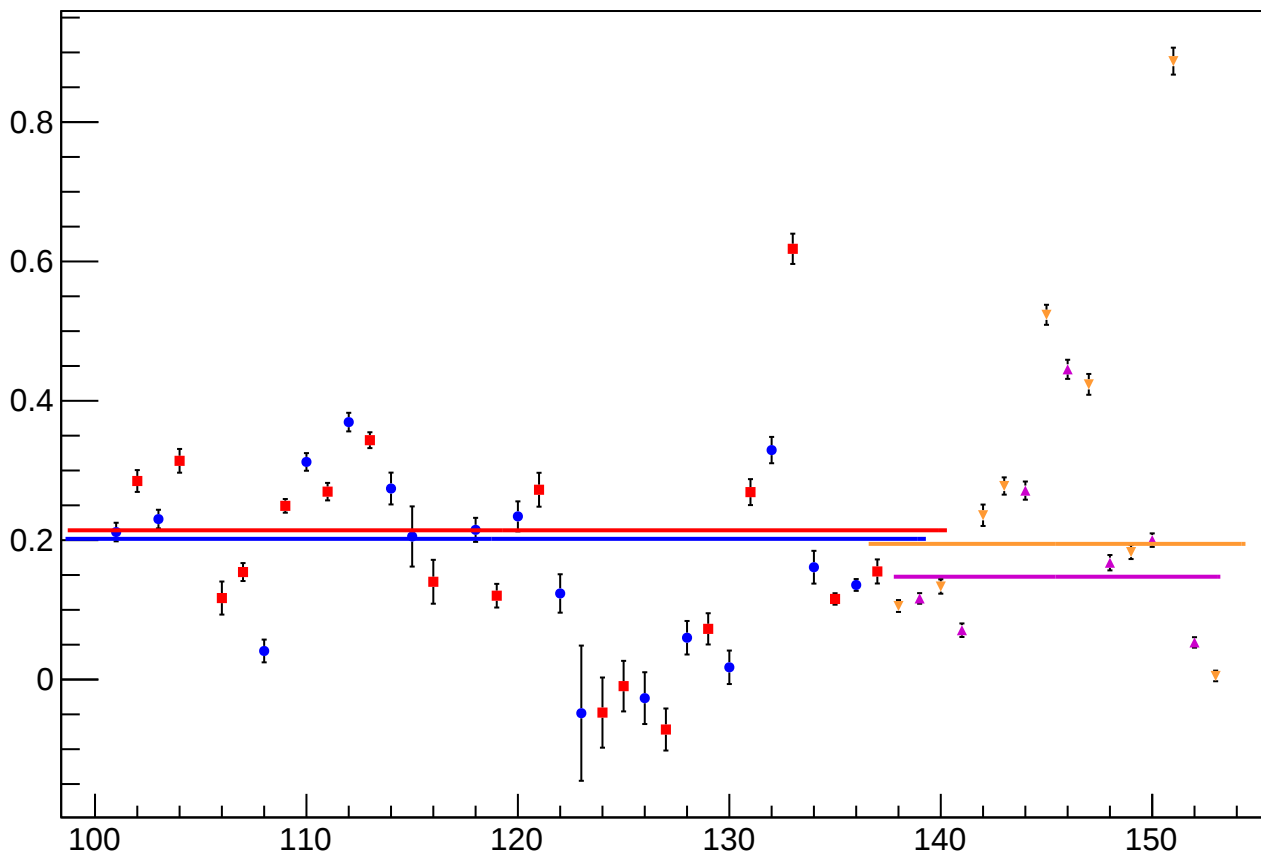
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.327 ± 0.053 χ^2/NDF : 2367.5/23

Out: -1.353 ± 0.050 χ^2/NDF : 2591.1/26

All: -1.341 ± 0.036 χ^2/NDF : 4958.7/50

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 $\pm$ 0.004 χ^2 /NDF: 604.6/16

Left Out: 0.195 $\pm$ 0.004 χ^2 /NDF:2855.2/8

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.148 $\pm$ 0.004 χ^2 /NDF:830.1/6

Left: 0.171 $\pm$ 0.003 χ^2 /NDF: 3767.9/15

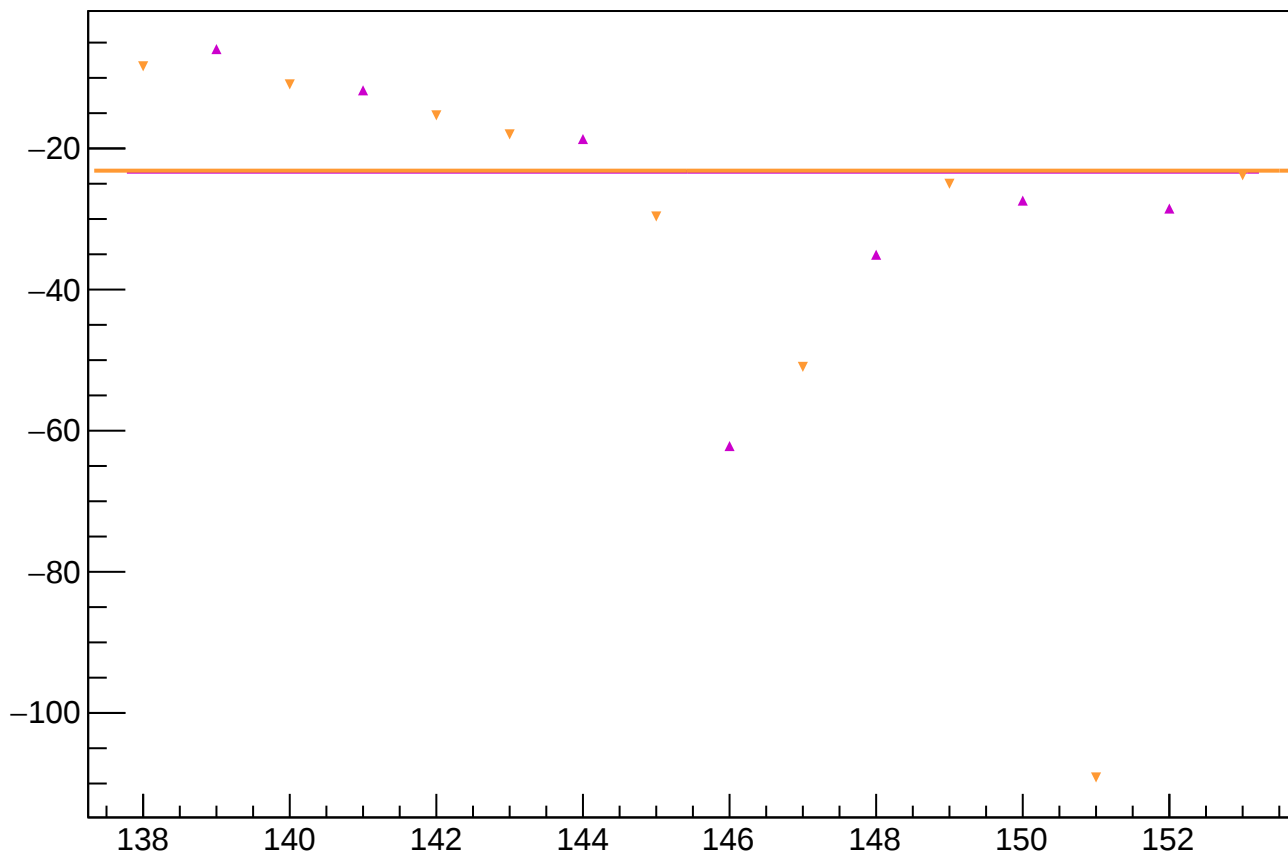
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.171 $\pm$ 0.003 χ^2 /NDF:1532.6/23

Out: 0.204 $\pm$ 0.003 χ^2 /NDF:3870.7/26

All: 0.189 $\pm$ 0.002 χ^2 /NDF: 5480.2/50

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: -23.148+/-0.092 χ^2/NDF : 48878.4/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Left: -23.218+/-0.065 χ^2/NDF : 77280.1/15

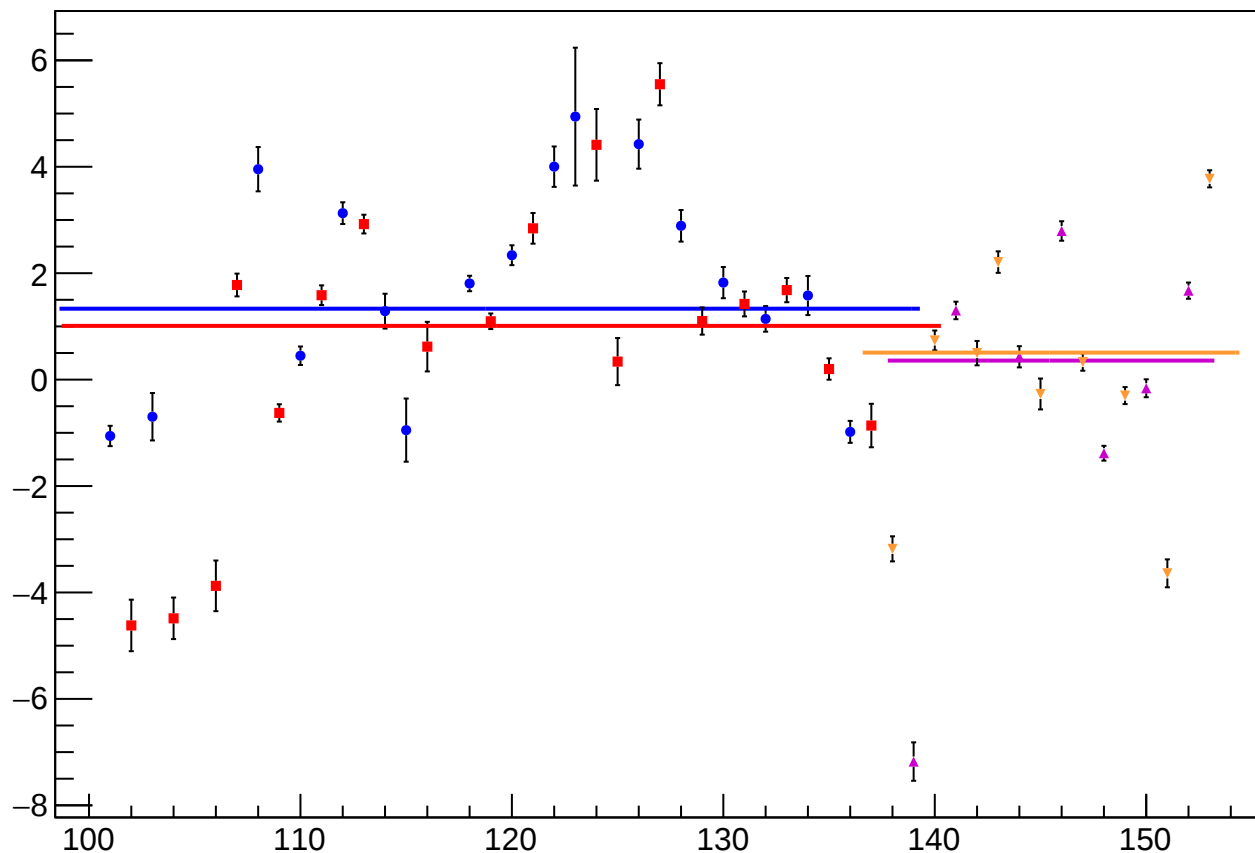
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.290+/-0.093 χ^2/NDF : 28400.5/6

Out: -23.148+/-0.092 χ^2/NDF : 48878.4/8

All: -23.218+/-0.065 χ^2/NDF : 77280.1/15

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: 0.508 ± 0.066 χ^2/NDF : 1013.0/8

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 0.357 ± 0.066 χ^2/NDF : 885.2/6

Left: 0.433 ± 0.047 χ^2/NDF : 1900.8/15

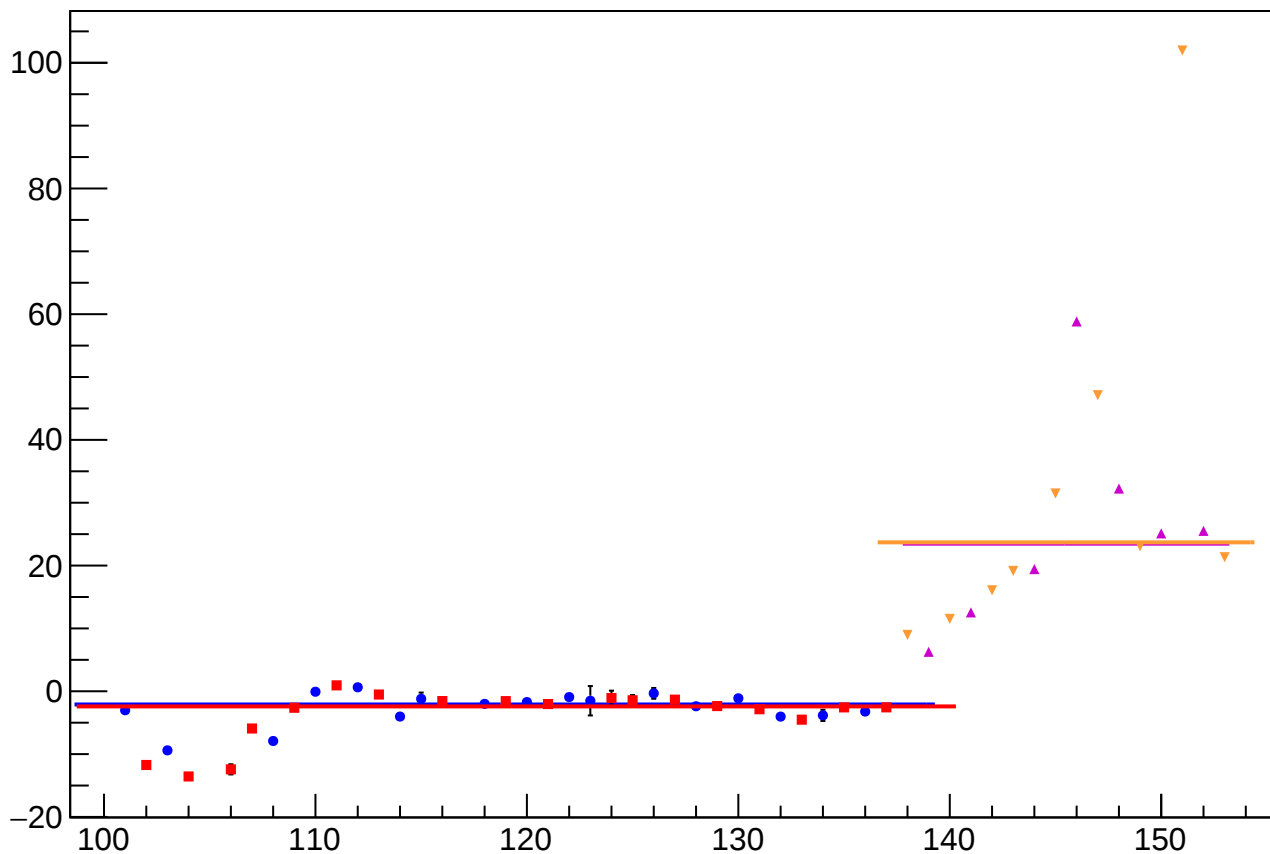
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 0.882 ± 0.045 χ^2/NDF : 1637.2/23

Out: 0.790 ± 0.044 χ^2/NDF : 1976.1/26

All: 0.834 ± 0.031 χ^2/NDF : 3615.5/50

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 23.697 ± 0.093 χ^2/NDF : 43580.6/8

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 23.481 ± 0.093 χ^2/NDF : 23790.8/6

Left: 23.589 ± 0.066 χ^2/NDF : 67374.2/15

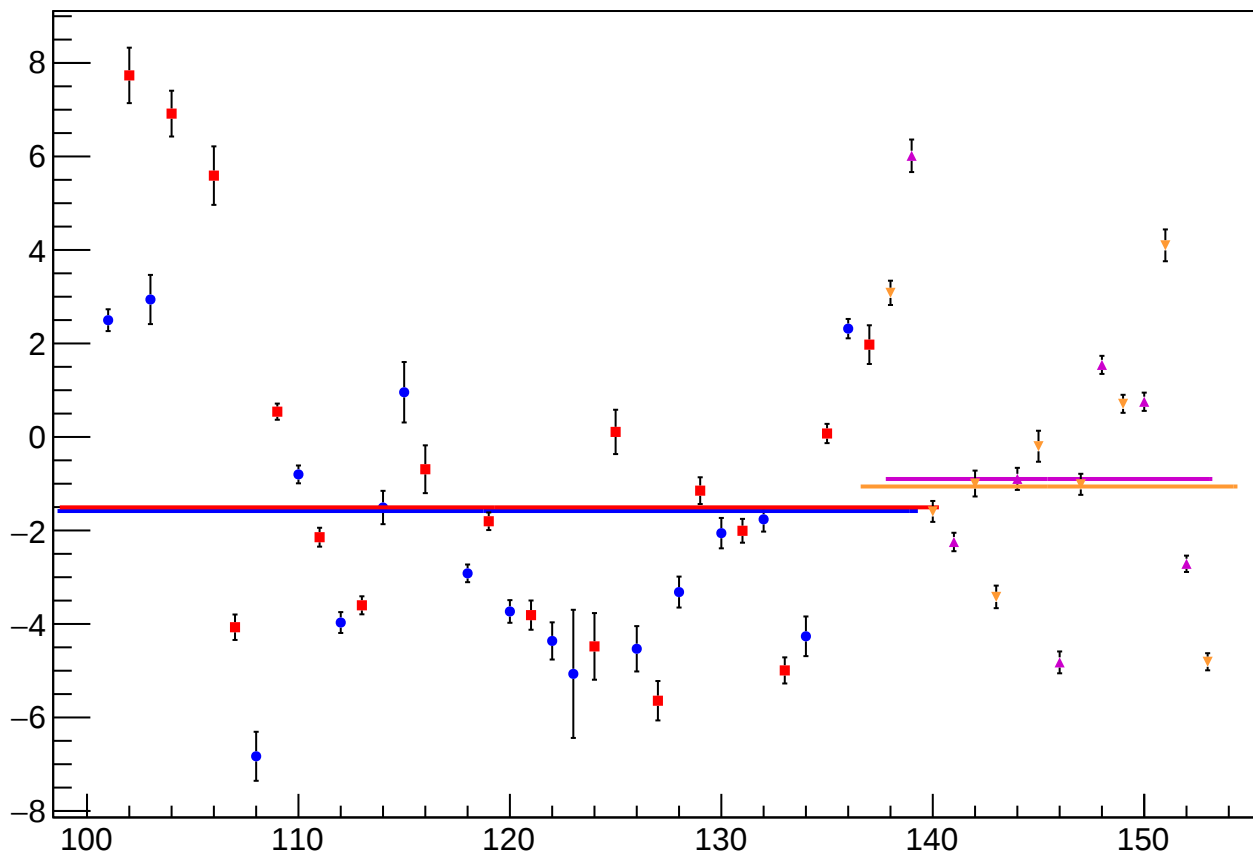
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.939 ± 0.071 χ^2/NDF : 55539.1/23

Out: 11.535 ± 0.068 χ^2/NDF : 81438.9/26

All: 12.202 ± 0.049 χ^2/NDF : 137182.4/50

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: -1.060 ± 0.079 χ^2/NDF : 1095.6/8

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -0.899 ± 0.080 χ^2/NDF : 1062.0/6

Left: -0.980 ± 0.056 χ^2/NDF : 2159.7/15

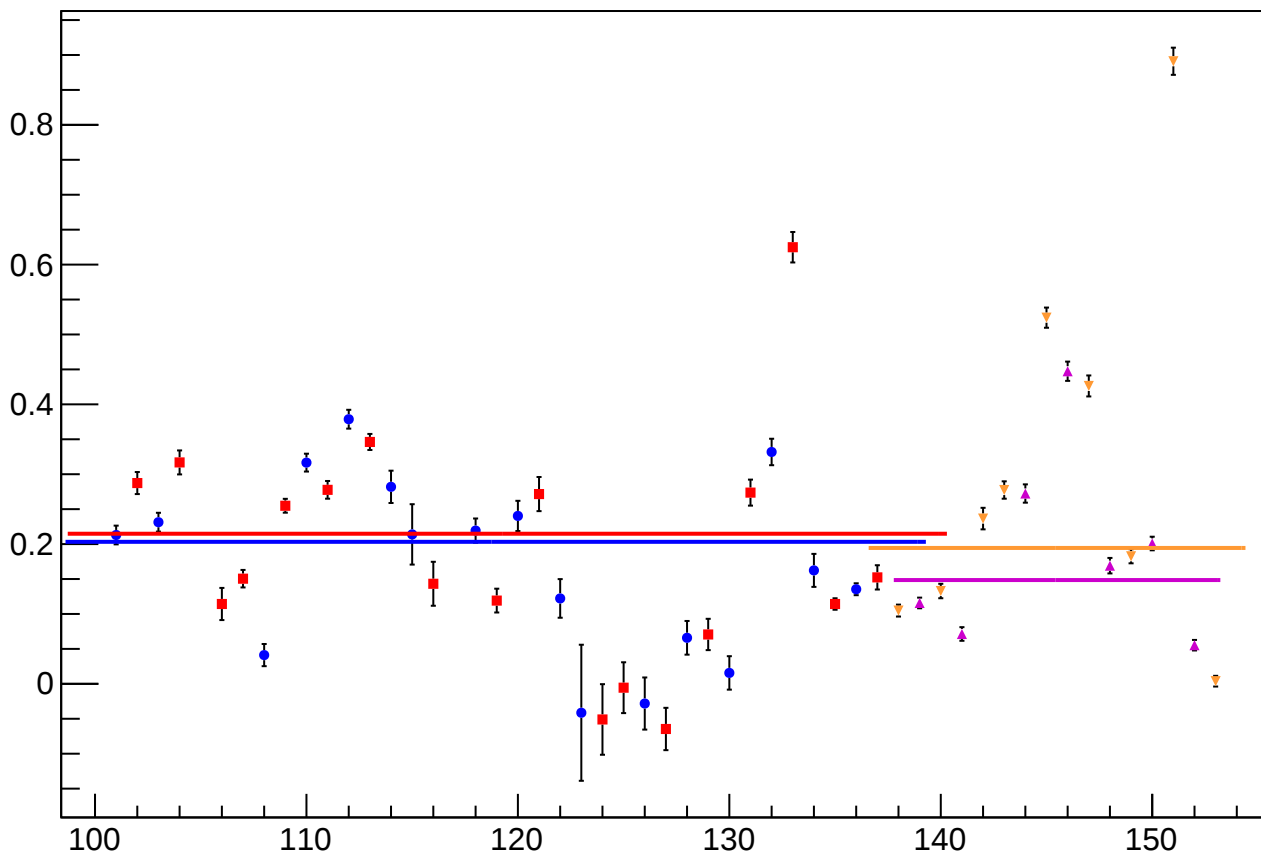
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.285 ± 0.053 χ^2/NDF : 2375.4/23

Out: -1.324 ± 0.051 χ^2/NDF : 2614.3/26

All: -1.306 ± 0.037 χ^2/NDF : 4990.0/50

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 χ^2/NDF : 632.8/16

Left Out: 0.194 ± 0.004 χ^2/NDF : 2857.8/8

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.149 ± 0.004 χ^2/NDF : 825.3/6

Left: 0.171 ± 0.003 χ^2/NDF : 3761.0/15

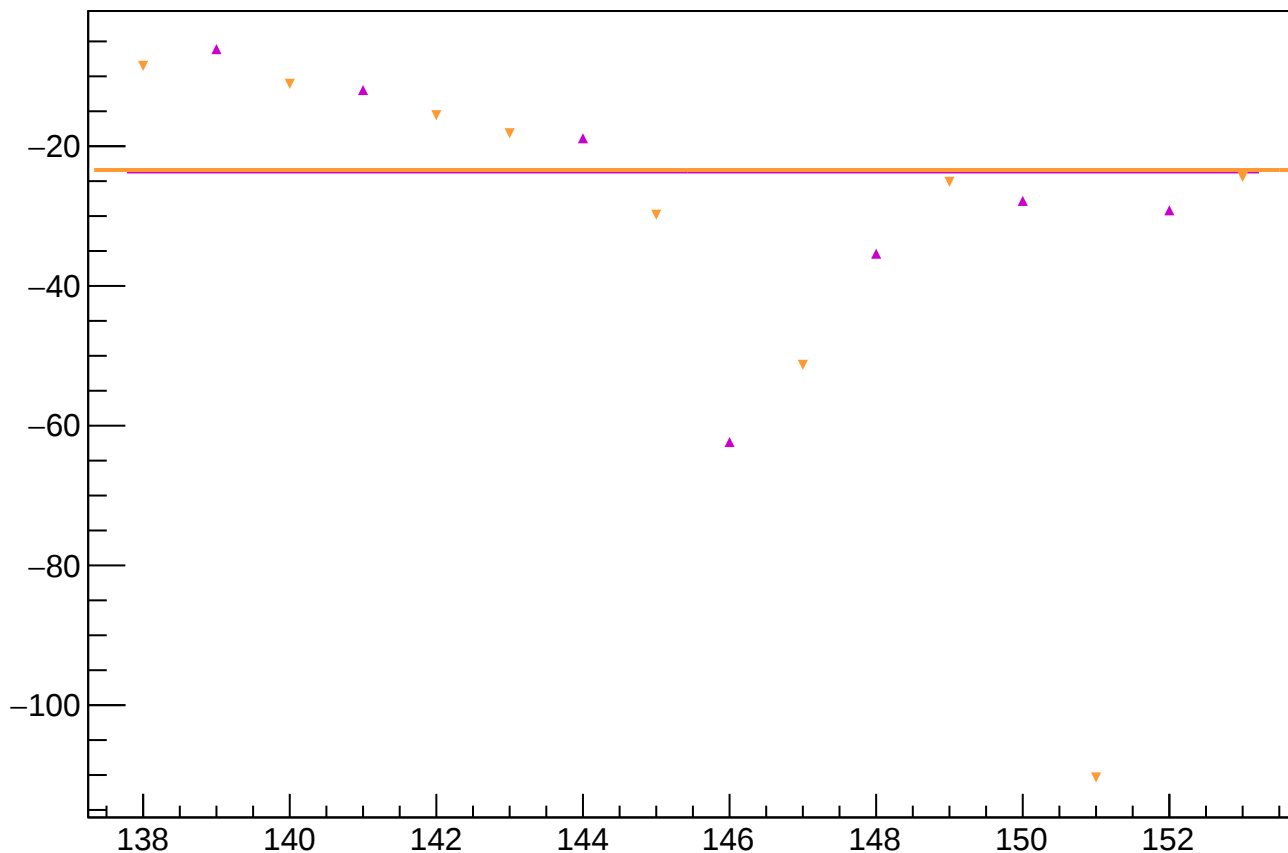
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.173 ± 0.003 χ^2/NDF : 1556.5/23

Out: 0.205 ± 0.003 χ^2/NDF : 3905.9/26

All: 0.189 ± 0.002 χ^2/NDF : 5534.5/50

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Left: -23.511+/-0.066 χ^2/NDF : 76852.7/15

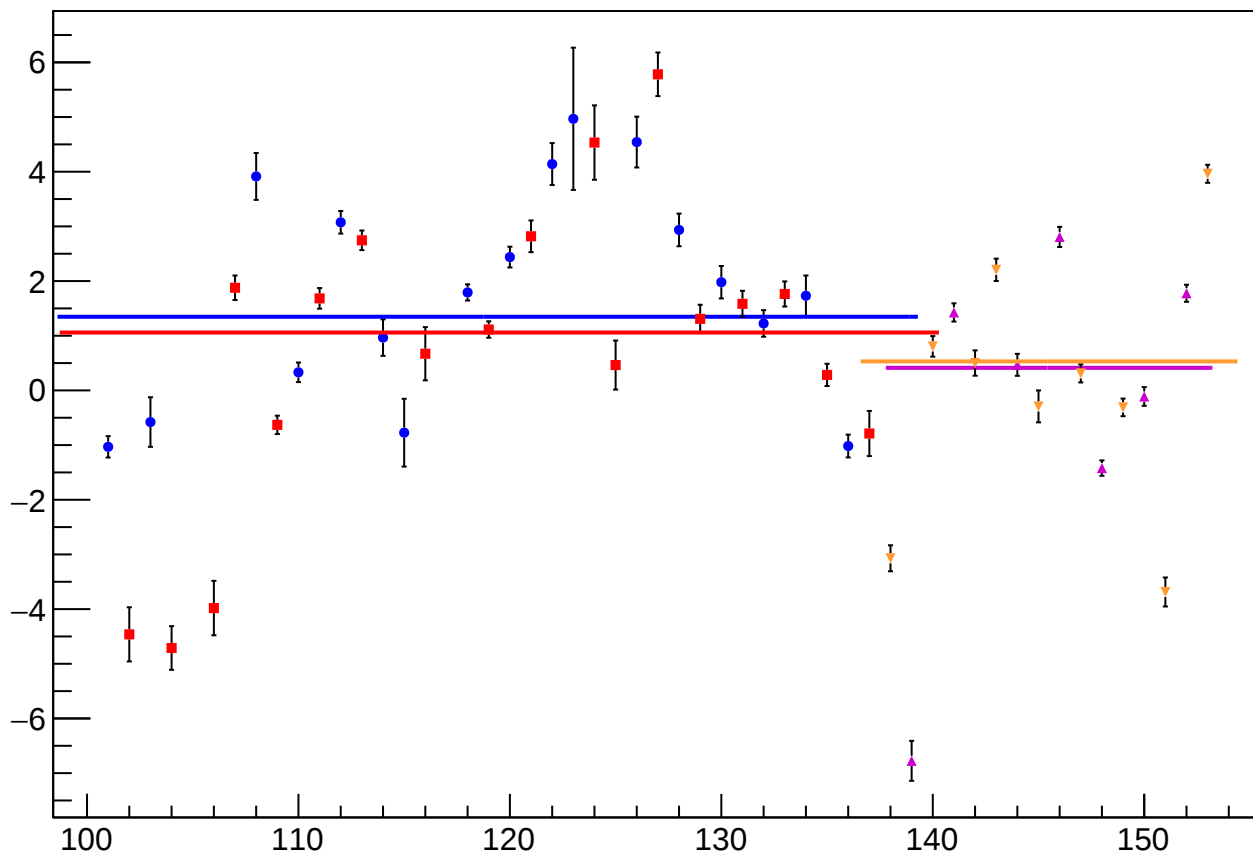
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.616+/-0.094 χ^2/NDF : 28080.3/6

Out: -23.408+/-0.093 χ^2/NDF : 48769.9/8

All: -23.511+/-0.066 χ^2/NDF : 76852.7/15

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: 0.530 ± 0.066 χ^2/NDF : 1022.5/8

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 0.413 ± 0.067 χ^2/NDF : 849.8/6

Left: 0.472 ± 0.047 χ^2/NDF : 1873.9/15

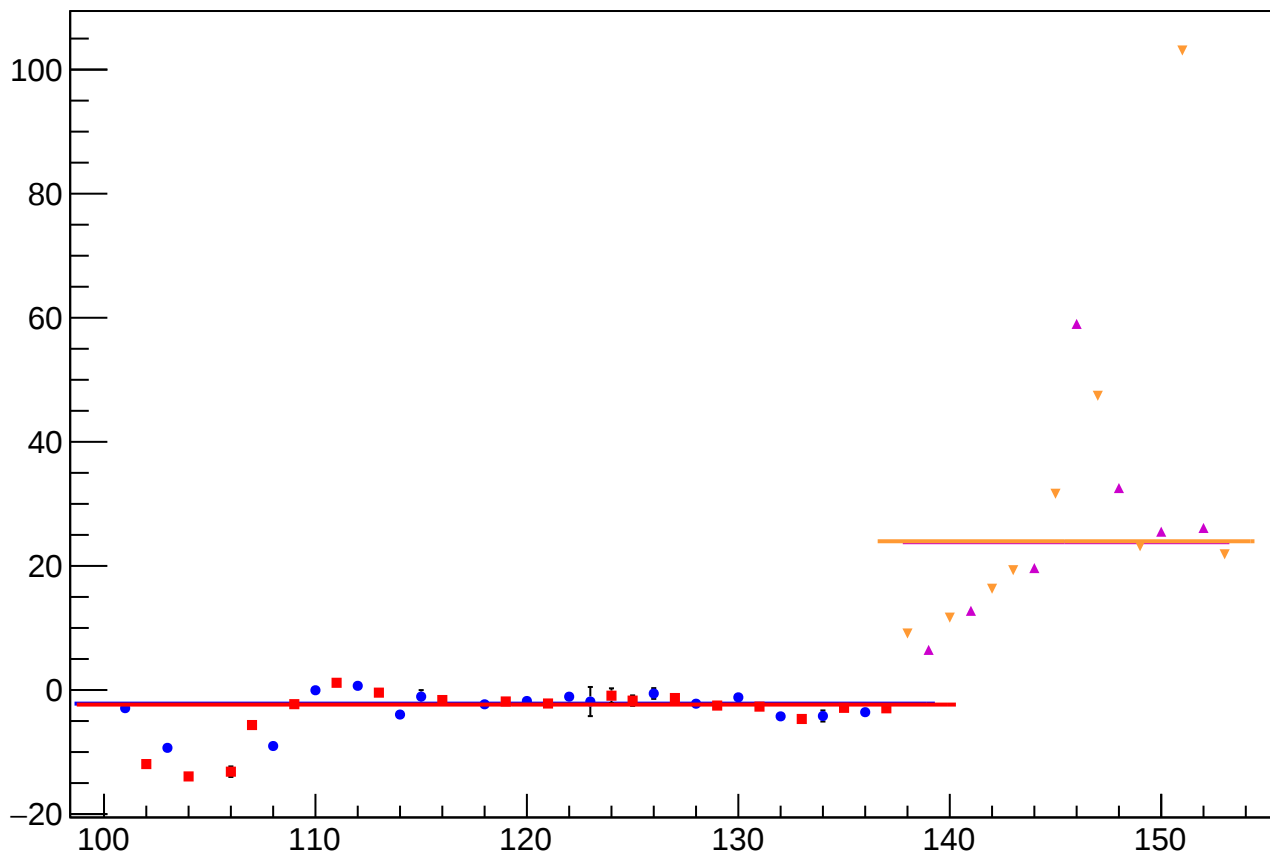
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 0.913 ± 0.046 χ^2/NDF : 1584.4/23

Out: 0.825 ± 0.044 χ^2/NDF : 1963.0/26

All: 0.868 ± 0.032 χ^2/NDF : 3549.3/50

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: 23.974 ± 0.094 $\chi^2/\text{NDF}: 43450.4/8$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 23.821 ± 0.094 $\chi^2/\text{NDF}: 23461.4/6$

Left: 23.898 ± 0.066 $\chi^2/\text{NDF}: 66913.2/15$

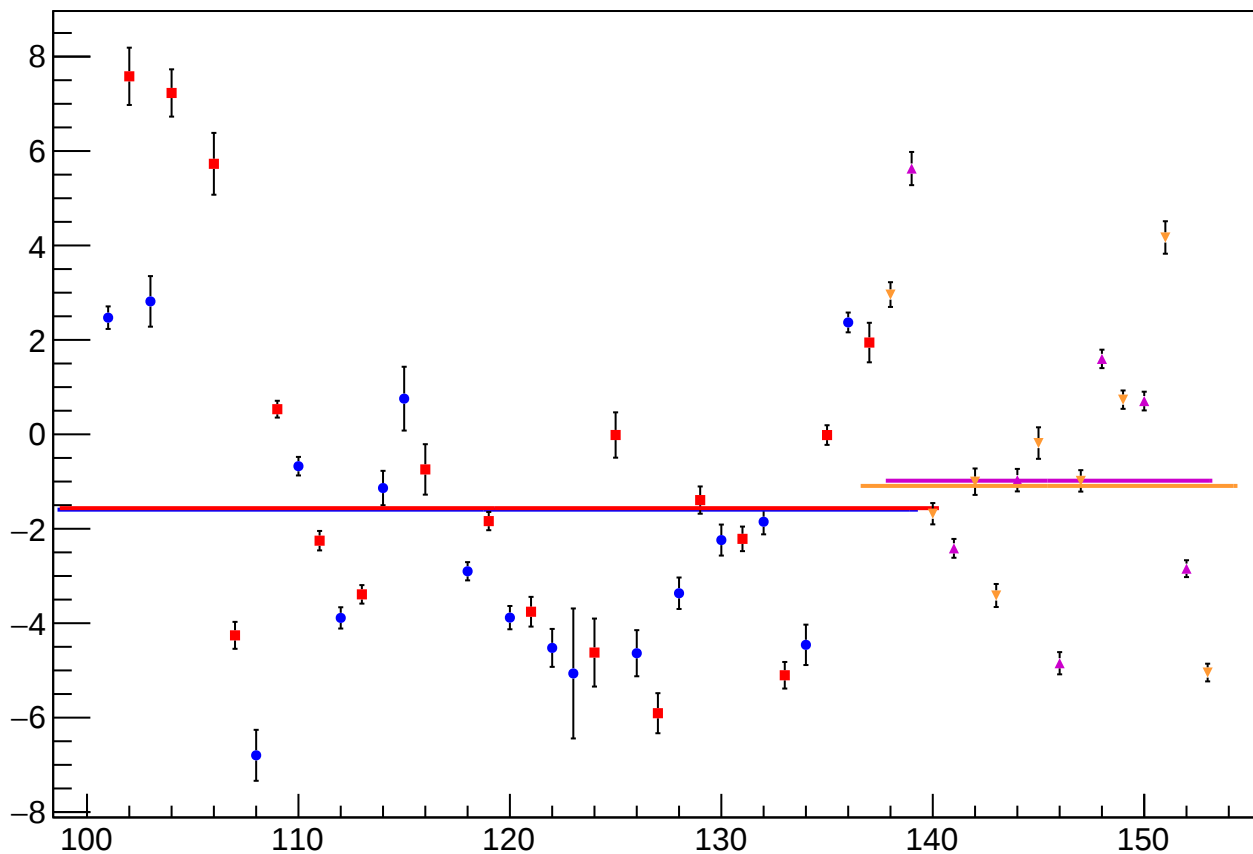
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 13.164 ± 0.072 $\chi^2/\text{NDF}: 55297.9/23$

Out: 11.833 ± 0.069 $\chi^2/\text{NDF}: 80714.3/26$

All: 12.467 ± 0.050 $\chi^2/\text{NDF}: 136190.3/50$

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: -1.092 ± 0.080 χ^2/NDF : 1111.1/8

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -0.982 ± 0.081 χ^2/NDF : 1031.1/6

Left: -1.038 ± 0.057 χ^2/NDF : 2143.2/15

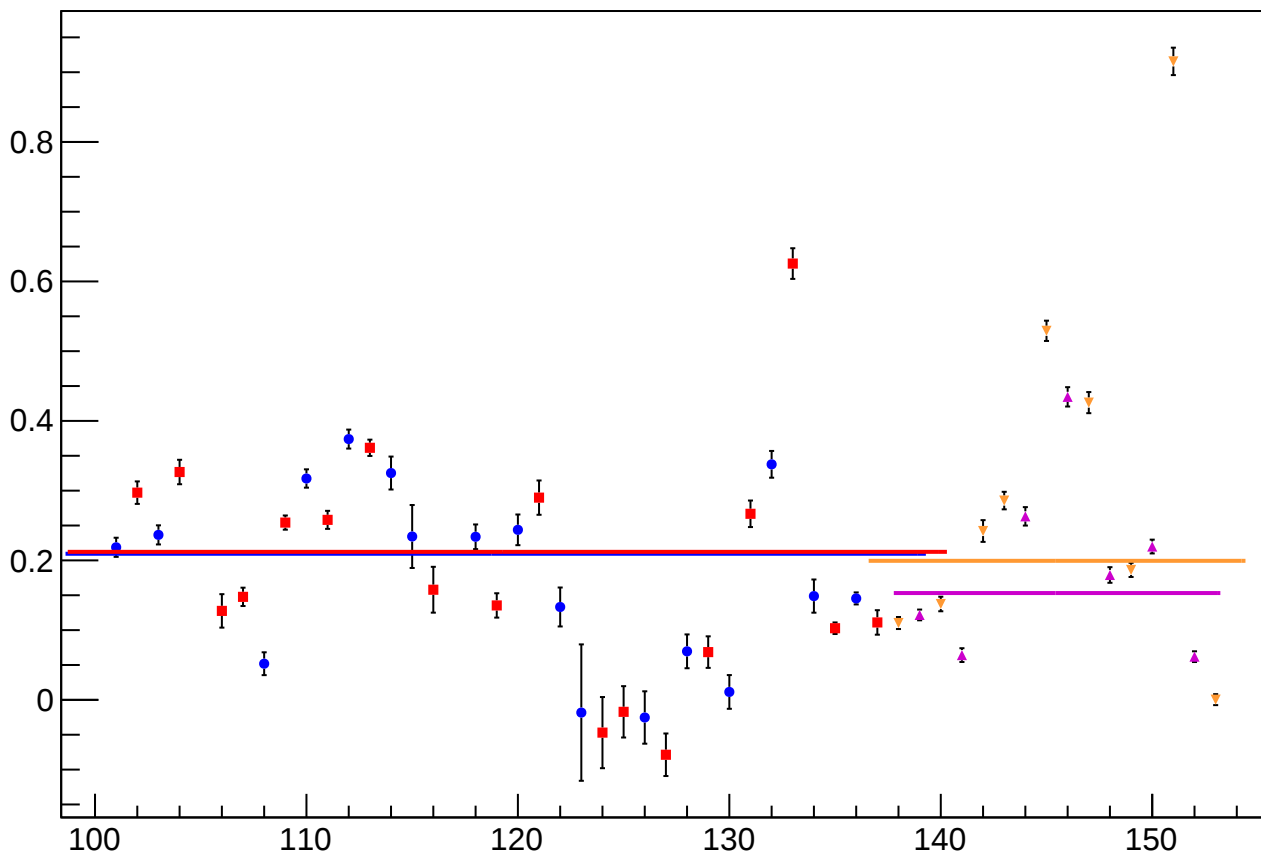
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.326 ± 0.054 χ^2/NDF : 2318.6/23

Out: -1.370 ± 0.051 χ^2/NDF : 2593.4/26

All: -1.349 ± 0.037 χ^2/NDF : 4912.3/50

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: 0.199 $\pm$ 0.004 χ^2 /NDF:2905.3/8

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.153 $\pm$ 0.004 χ^2 /NDF:769.2/6

Left: 0.176 $\pm$ 0.003 χ^2 /NDF: 3751.2/15

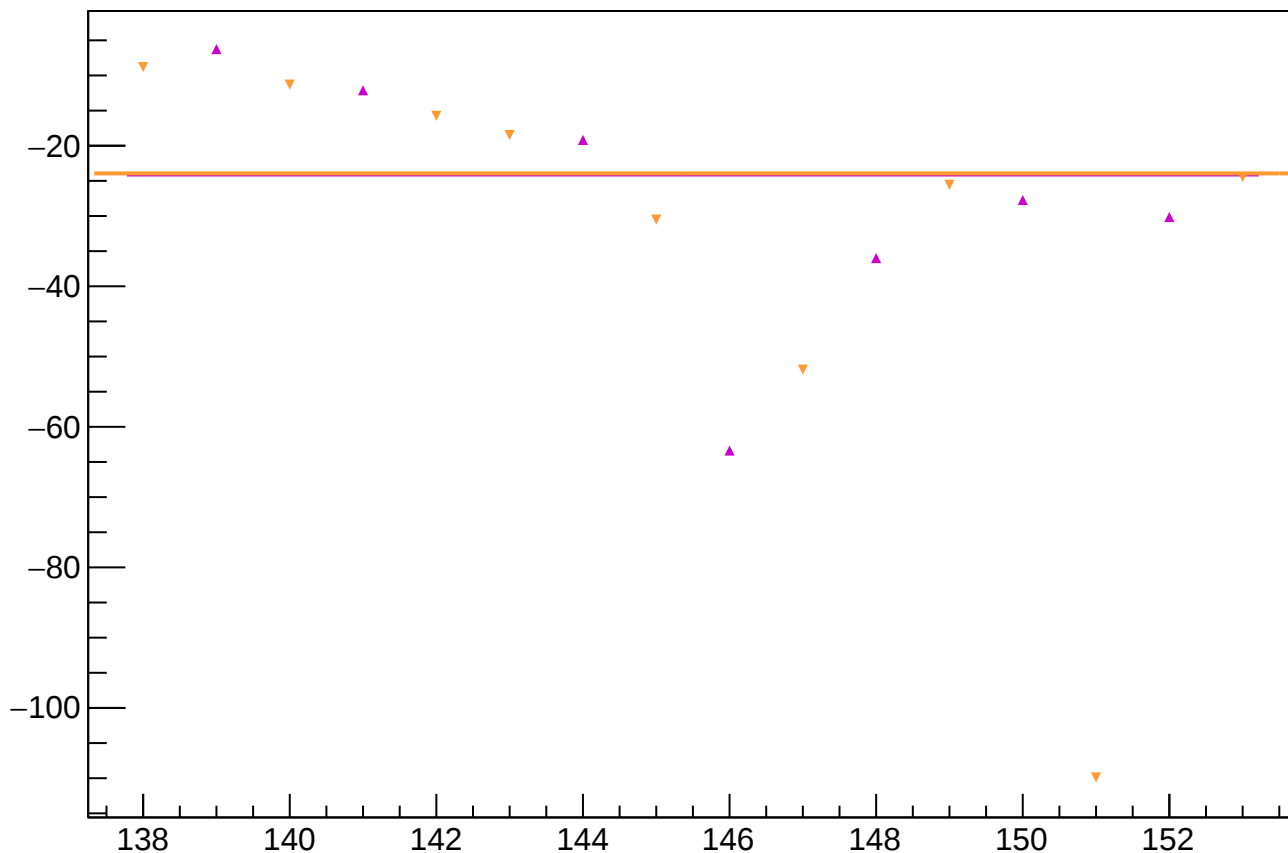
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.178 $\pm$ 0.003 χ^2 /NDF:1468.1/23

Out: 0.206 $\pm$ 0.003 χ^2 /NDF:4008.0/26

All: 0.192 $\pm$ 0.002 χ^2 /NDF: 5529.3/50

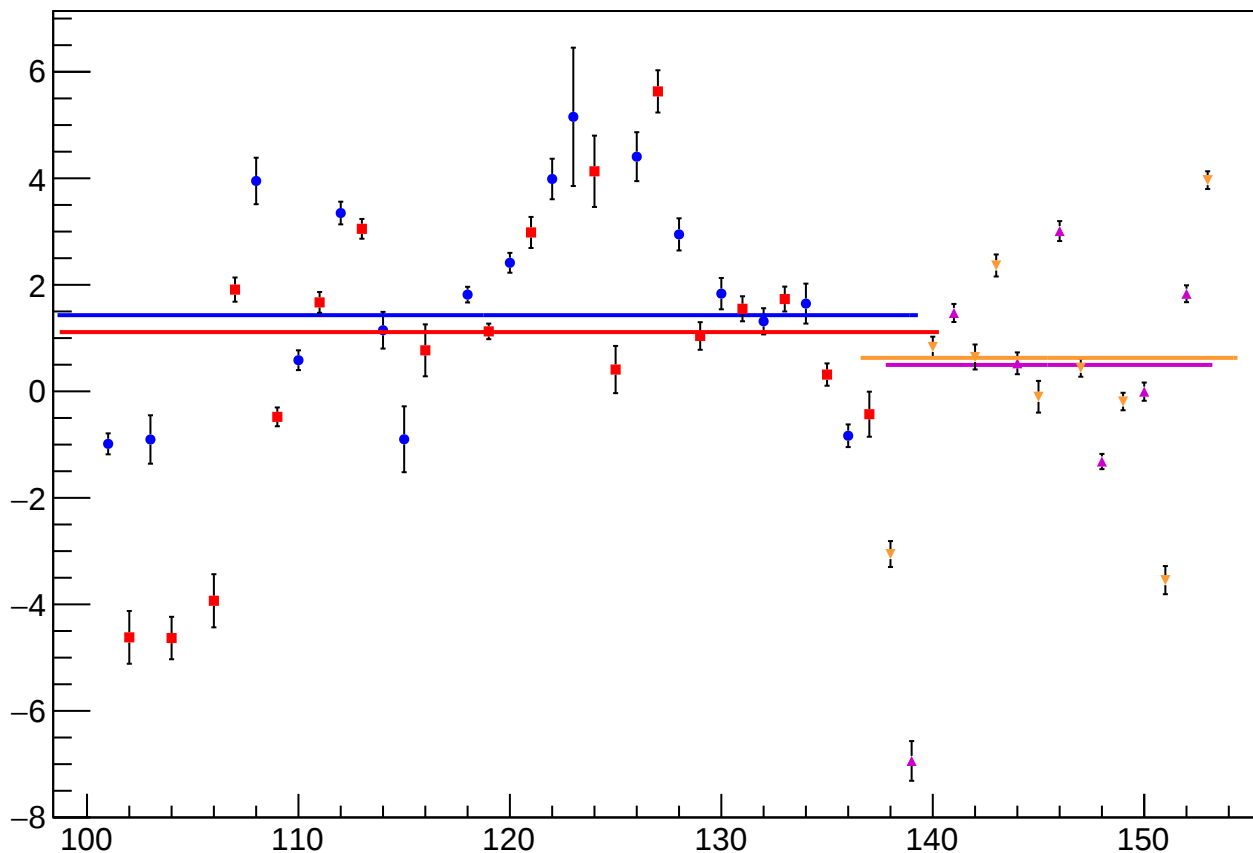
reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.938+/-0.094 χ^2/NDF : 48069.0/8
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -24.089+/-0.096 χ^2/NDF : 28013.3/6

Left: -24.012+/-0.067 χ^2/NDF : 76083.5/15
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -24.089+/-0.096 χ^2/NDF : 28013.3/6
 Out: -23.938+/-0.094 χ^2/NDF : 48069.0/8
 All: -24.012+/-0.067 χ^2/NDF : 76083.5/15

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: 0.628 $\pm$ 0.067 χ^2/NDF :985.2/8

Right Out: 1.113 $\pm$ 0.060 χ^2/NDF : 887.6/17

Left In: 0.496 $\pm$ 0.068 χ^2/NDF :850.9/6

Left: 0.563 $\pm$ 0.048 χ^2/NDF : 1838.0/15

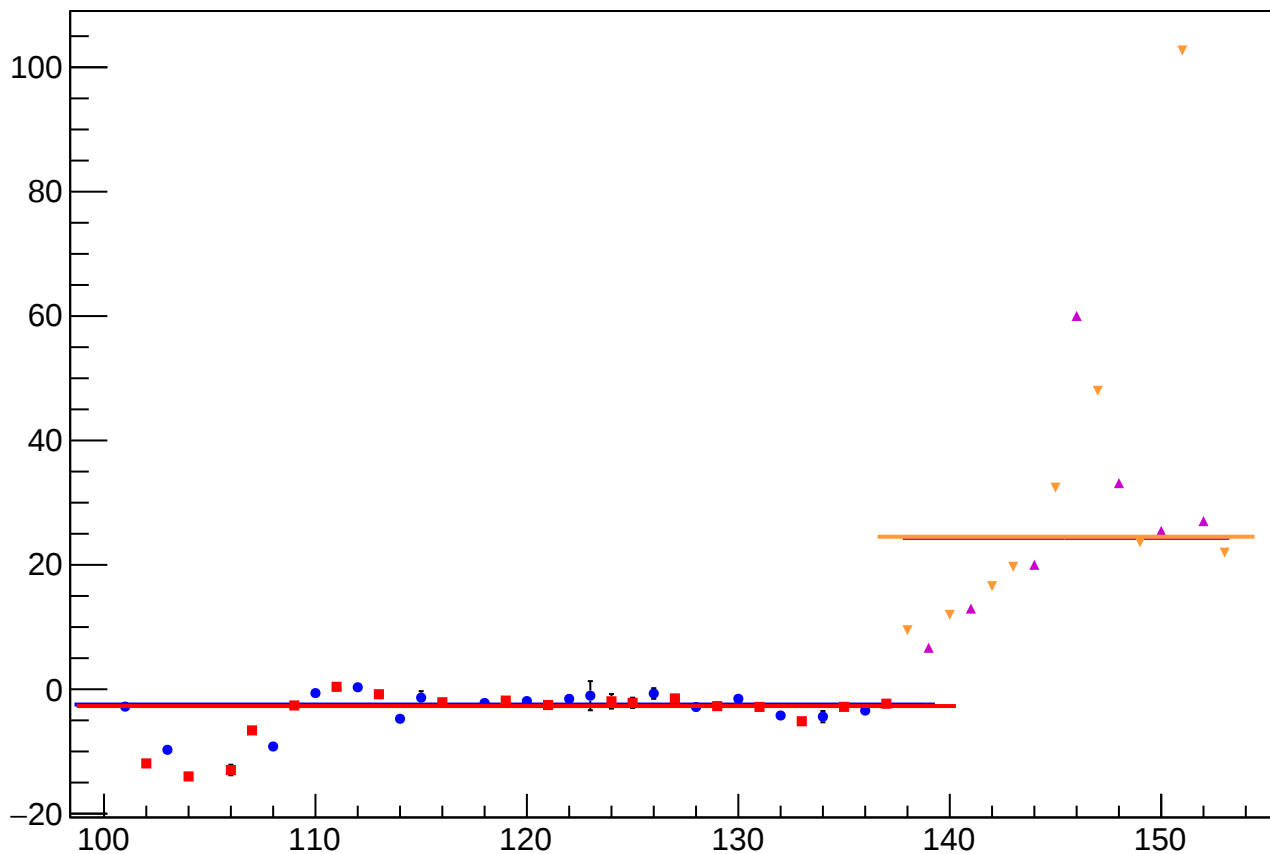
Right: 1.264 $\pm$ 0.043 χ^2/NDF : 1499.0/34

In: 0.999 $\pm$ 0.046 χ^2/NDF :1551.0/23

Out: 0.899 $\pm$ 0.045 χ^2/NDF :1901.6/26

All: 0.948 $\pm$ 0.032 χ^2/NDF : 3455.0/50

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: 24.528 ± 0.095 χ^2/NDF : 42805.9/8

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 24.316 ± 0.095 χ^2/NDF : 23383.2/6

Left: 24.422 ± 0.067 χ^2/NDF : 66191.6/15

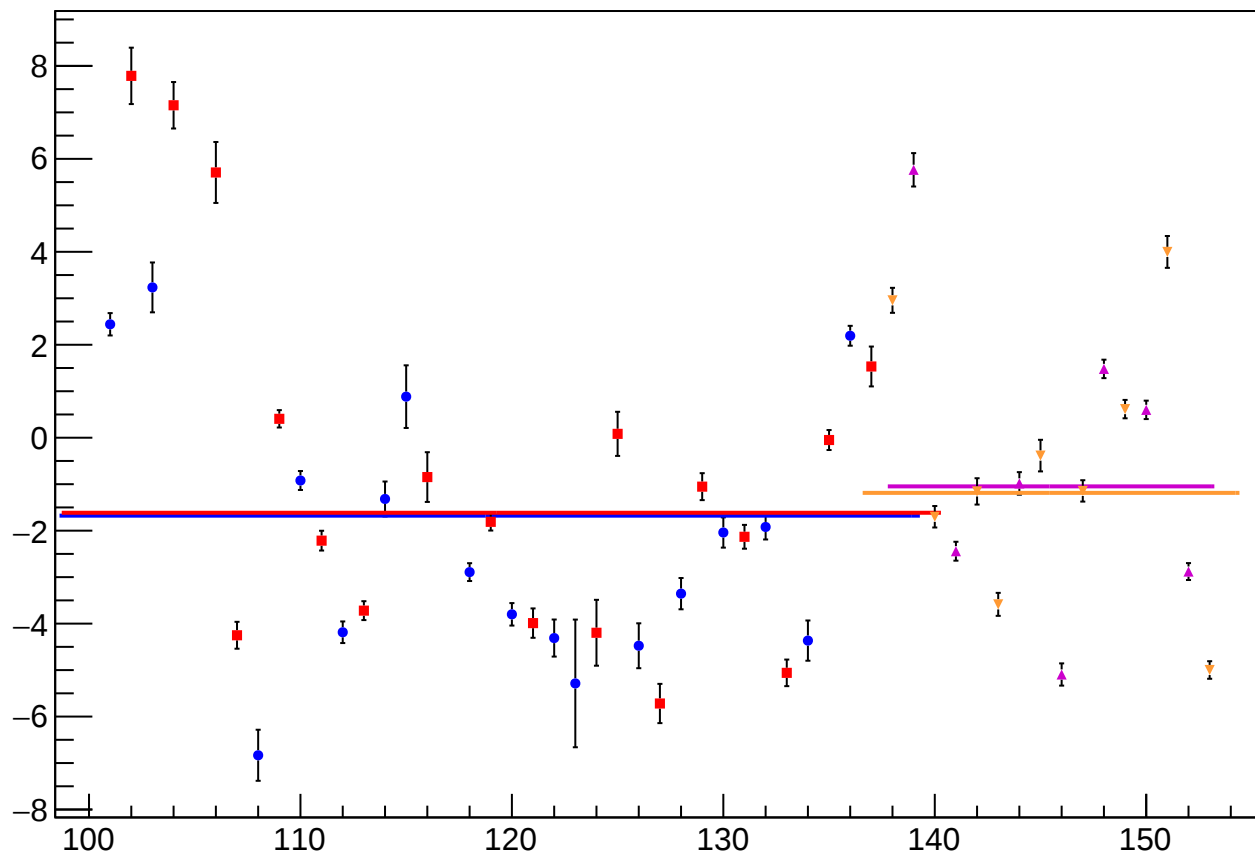
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 13.340 ± 0.073 χ^2/NDF : 56025.1/23

Out: 12.041 ± 0.070 χ^2/NDF : 81056.4/26

All: 12.661 ± 0.051 χ^2/NDF : 137245.3/50

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: -1.187 ± 0.081 χ^2/NDF : 1060.5/8

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -1.047 ± 0.082 χ^2/NDF : 1025.7/6

Left: -1.118 ± 0.058 χ^2/NDF : 2087.6/15

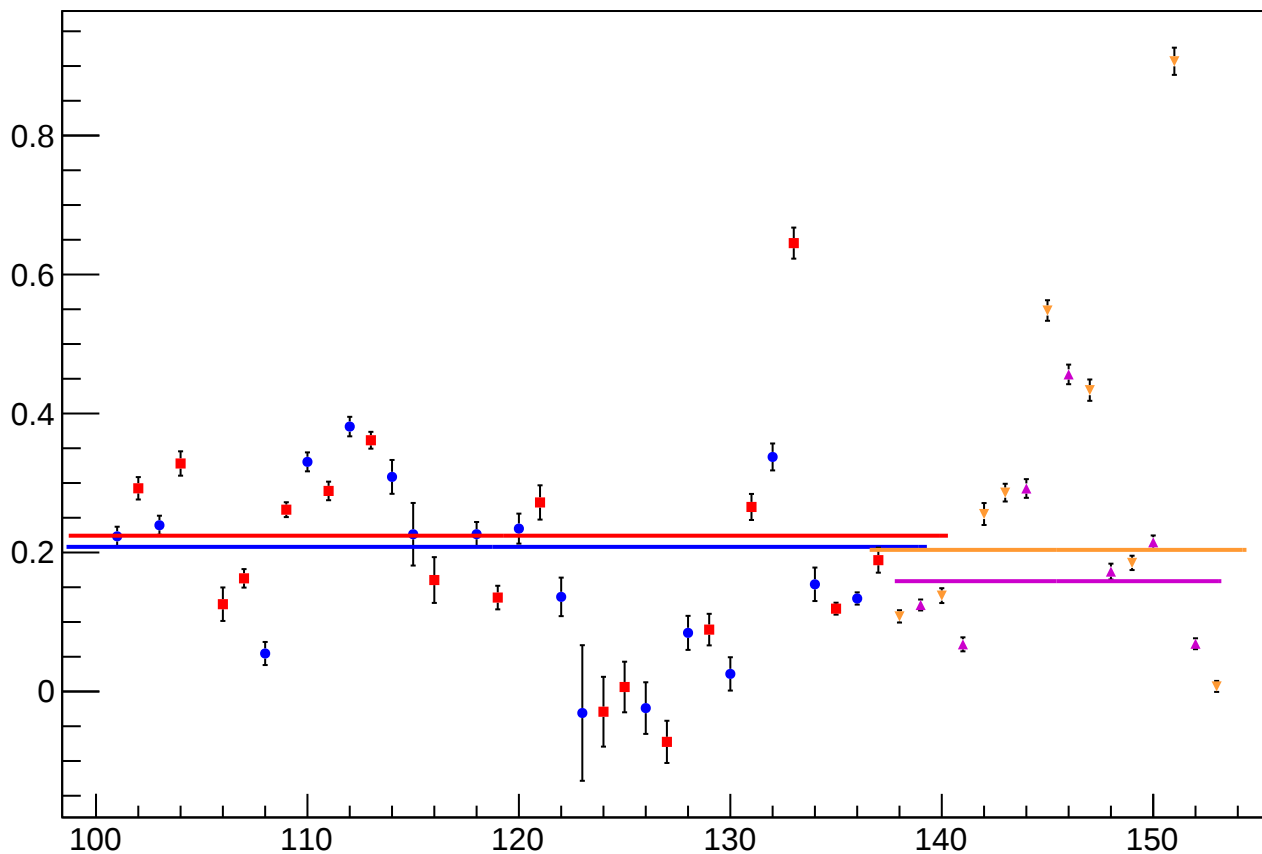
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.402 ± 0.054 χ^2/NDF : 2263.4/23

Out: -1.439 ± 0.052 χ^2/NDF : 2504.1/26

All: -1.421 ± 0.038 χ^2/NDF : 4767.8/50

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 $\pm$ 0.004 χ^2 /NDF: 600.2/16

Left Out: 0.204 $\pm$ 0.004 χ^2 /NDF:2881.0/8

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.159 $\pm$ 0.004 χ^2 /NDF:808.8/6

Left: 0.181 $\pm$ 0.003 χ^2 /NDF: 3760.3/15

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.180 $\pm$ 0.003 χ^2 /NDF:1484.3/23

Out: 0.214 $\pm$ 0.003 χ^2 /NDF:3890.9/26

All: 0.198 $\pm$ 0.002 χ^2 /NDF: 5448.8/50