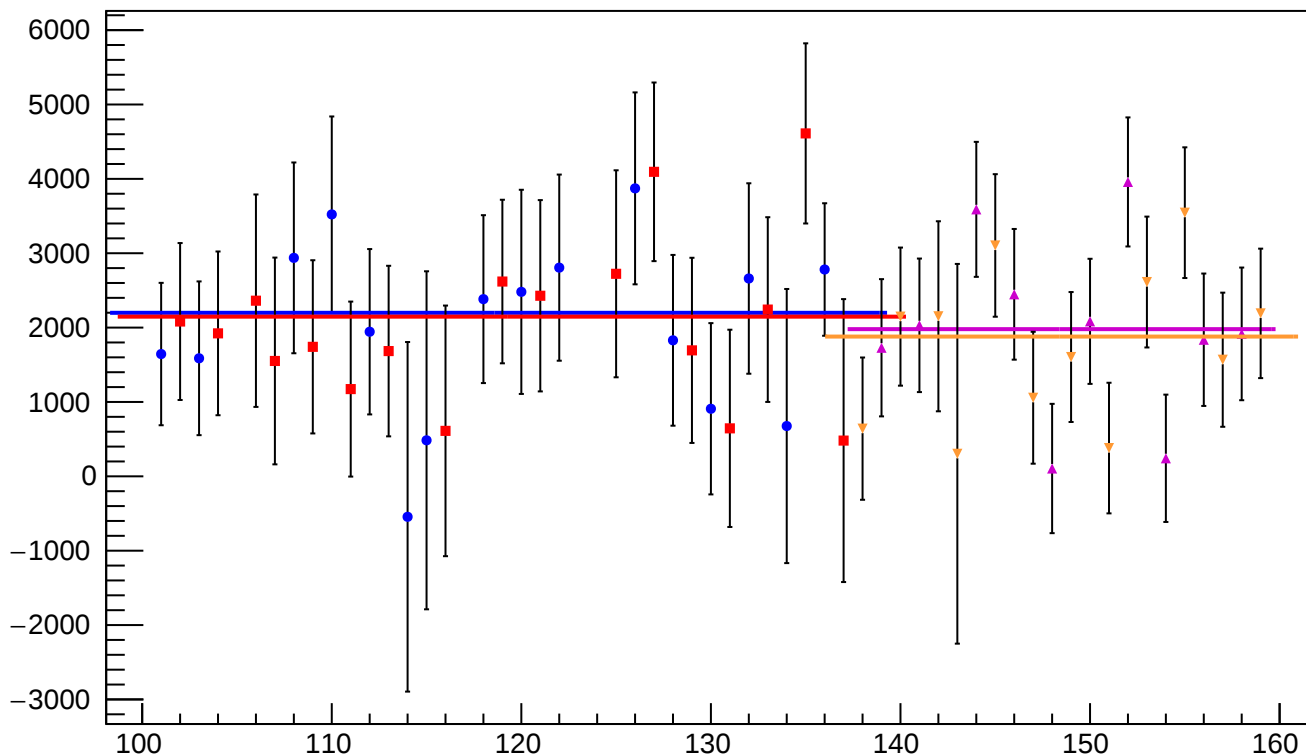


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1879.379+/-276.061

Right Out: 2147.149+/-304.804

Left In: 1979.236+/-278.729

χ^2/NDF : 8.6/15

χ^2/NDF : 12.2/11

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/9

Left: 1928.828+/-196.141

Right: 2172.848+/-216.219

In: 2078.564+/-206.293

Out: 2000.047+/-204.614

All: 2038.985+/-145.274

χ^2/NDF : 29.8/21

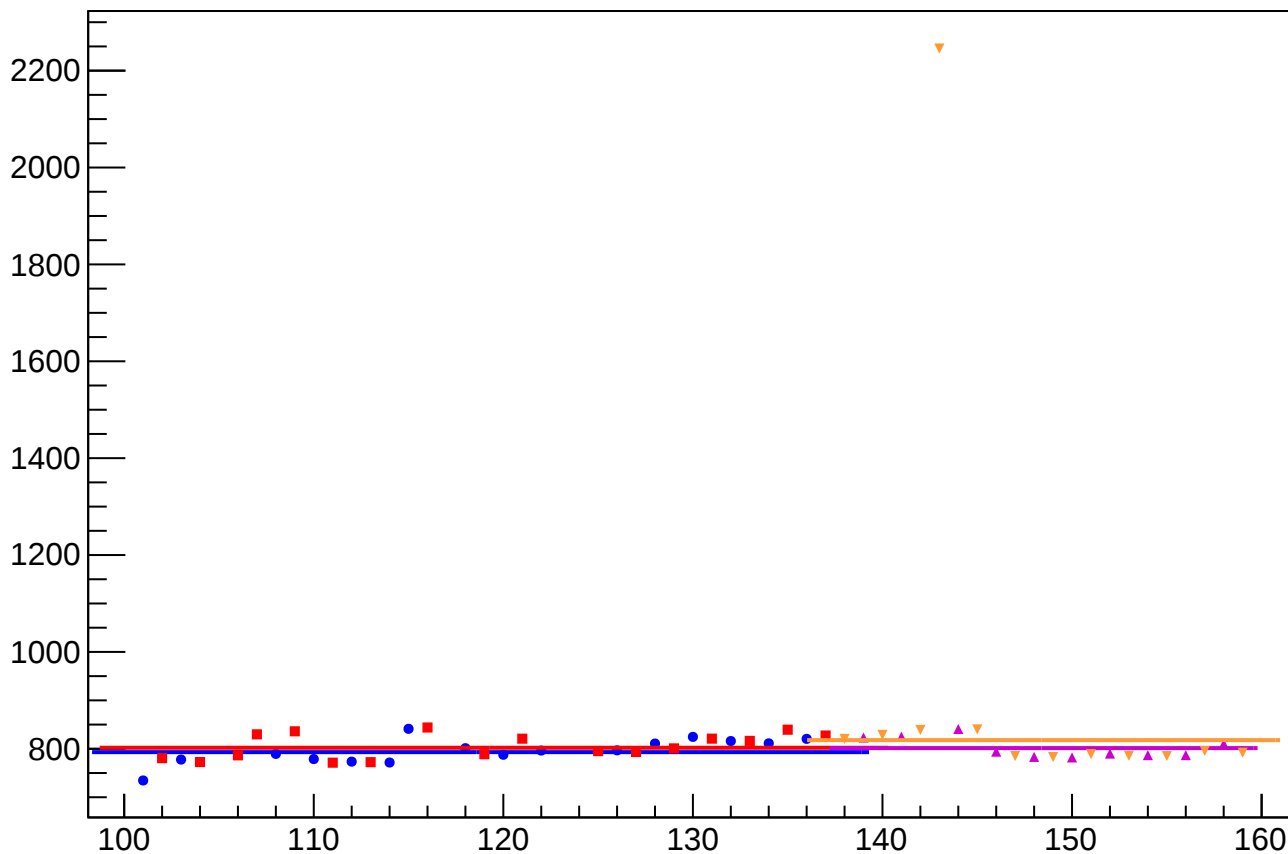
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/25

χ^2/NDF : 24.1/28

χ^2/NDF : 50.5/54

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 817.901+/-0.195 χ^2/NDF : 643976.8/11

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

Left In: 801.461+/-0.197 χ^2/NDF : 9978.9/9

Left: 809.760+/-0.139 χ^2/NDF : 657468.0/21

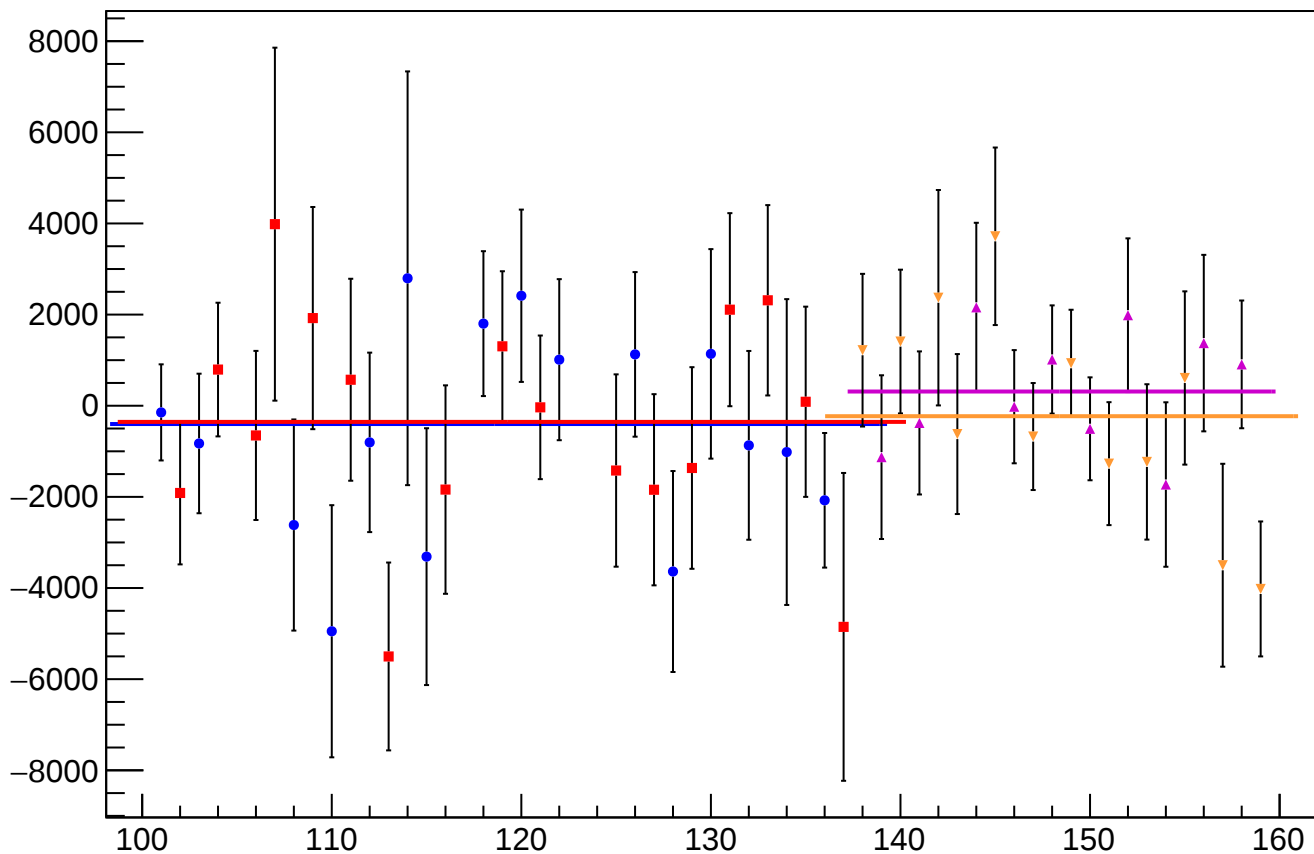
Right: 797.648+/-0.153 χ^2/NDF : 28303.8/32

In: 797.676+/-0.146 χ^2/NDF : 25497.6/25

Out: 810.802+/-0.145 χ^2/NDF : 659635.1/28

All: 804.293+/-0.103 χ^2/NDF : 689214.3/54

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -229.702 $\pm$ 456.167 χ^2 /NDF:18.2/11

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

Left In: 311.953 $\pm$ 467.139 χ^2 /NDF:5.5/9

Left: 34.689 $\pm$ 326.369 χ^2 /NDF: 24.4/21

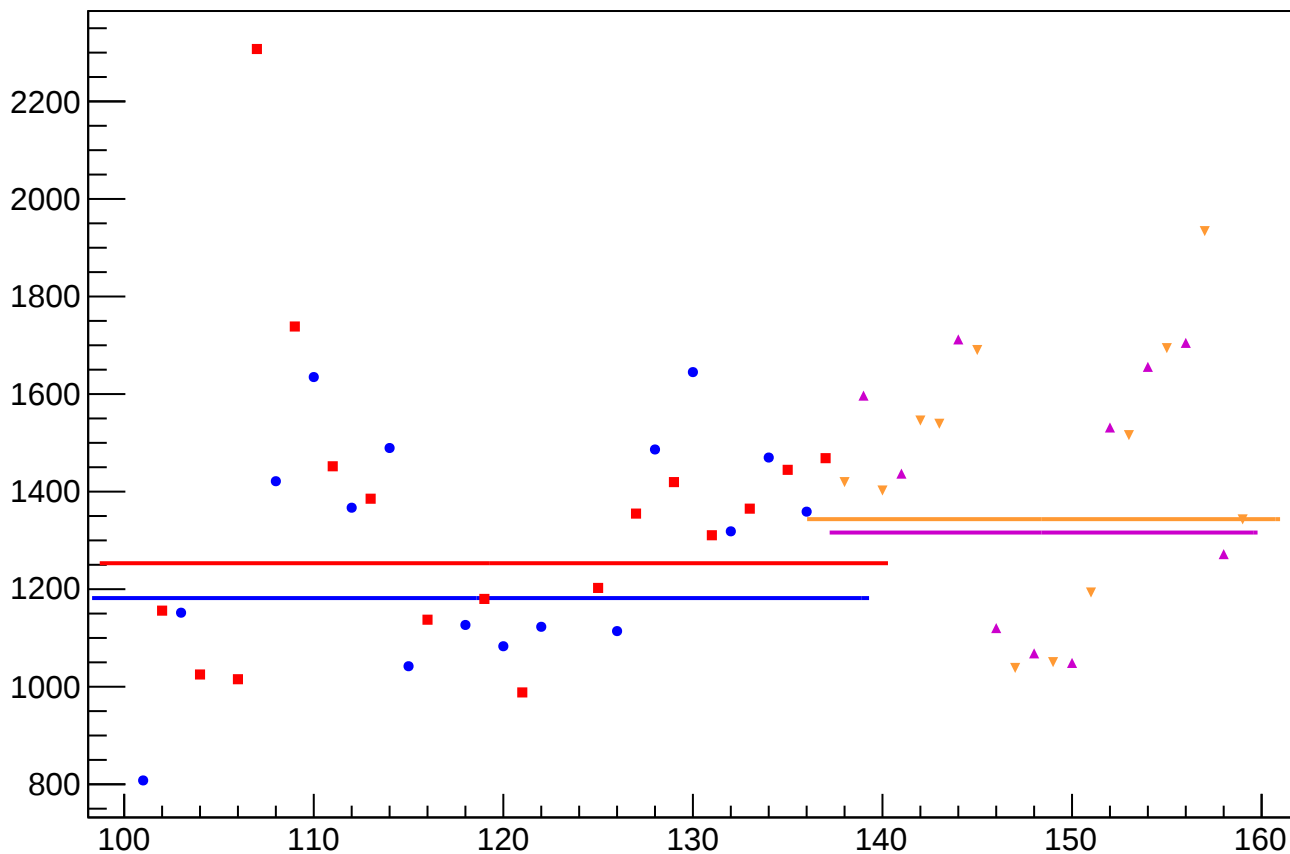
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

In: -43.589 $\pm$ 330.857 χ^2 /NDF:21.5/25

Out: -288.069 $\pm$ 332.774 χ^2 /NDF:35.6/28

All: -165.123 $\pm$ 234.626 χ^2 /NDF: 57.4/54

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.572+/-0.323 χ^2 /NDF: 623498.9/11

Right Out: 1253.221+/-0.344 χ^2 /NDF: 455640.3/16

Left In: 1316.096+/-0.330 χ^2 /NDF: 586736.0/9

Left: 1330.161+/-0.231 χ^2 /NDF: 1213776.5/21

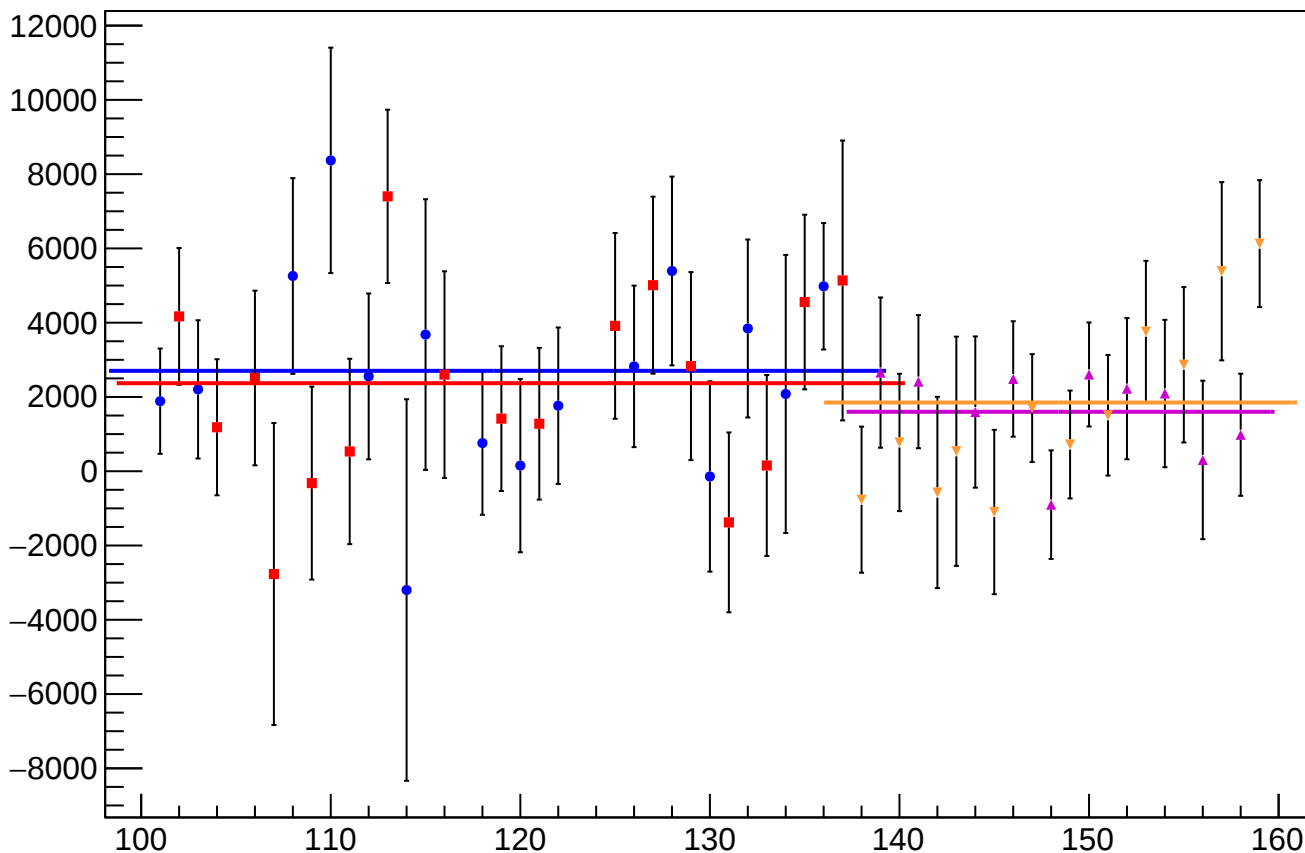
Right: 1216.159+/-0.239 χ^2 /NDF: 1021509.6/32

In: 1249.151+/-0.234 χ^2 /NDF: 1212648.7/25

Out: 1301.303+/-0.235 χ^2 /NDF: 1115845.1/28

All: 1275.077+/-0.166 χ^2 /NDF: 2353196.5/54

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2703.689+/-564.506 χ^2/NDF : 13.0/15

Left Out: 1851.121+/-545.690 χ^2/NDF : 15.3/11

Right Out: 2370.617+/-573.481 χ^2/NDF : 16.0/16

Left In: 1600.788+/-549.753 χ^2/NDF : 4.9/9

Left: 1726.883+/-387.290 χ^2/NDF : 20.3/21

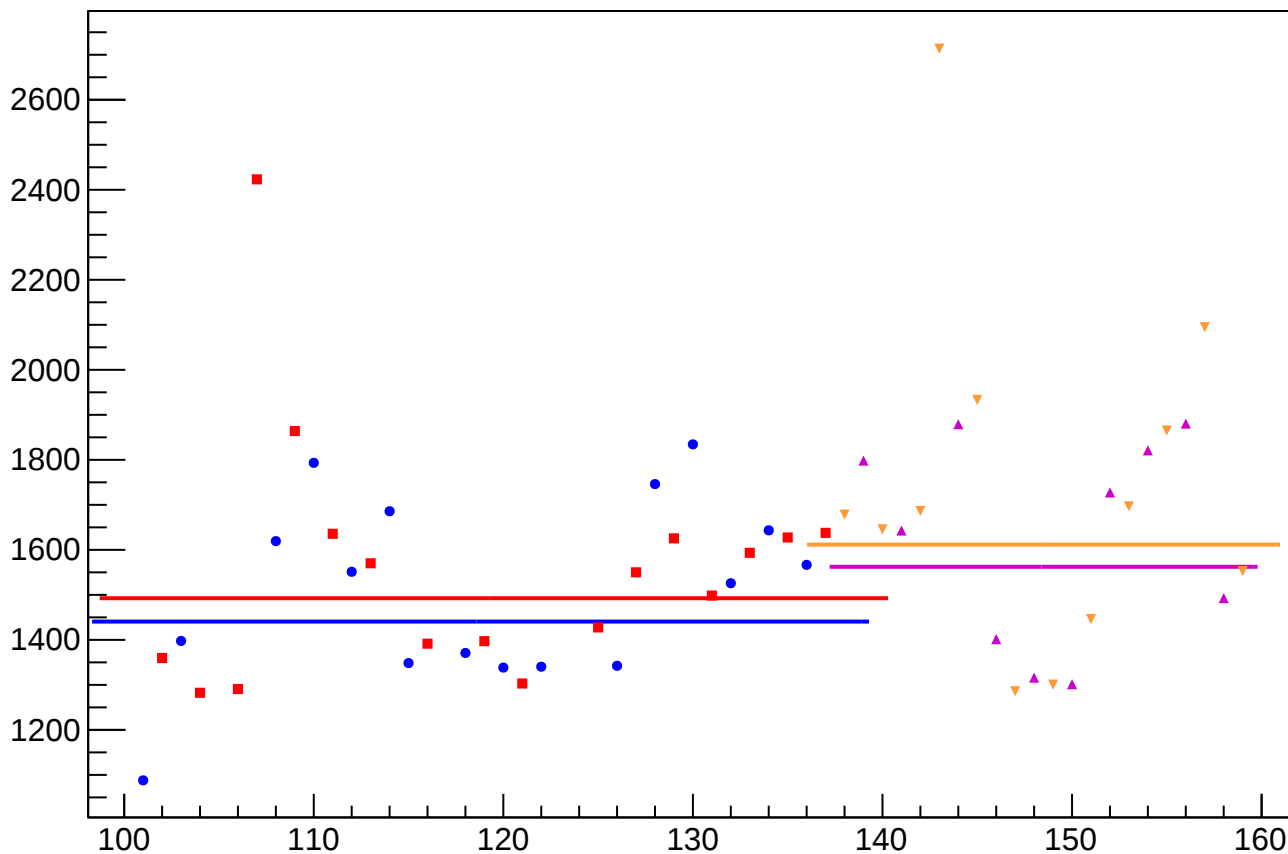
Right: 2539.780+/-402.301 χ^2/NDF : 29.2/32

In: 2137.639+/-393.846 χ^2/NDF : 19.9/25

Out: 2097.977+/-395.321 χ^2/NDF : 31.8/28

All: 2117.882+/-279.011 χ^2/NDF : 51.7/54

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1611.709 $\pm$ 0.386 χ^2 /NDF: 631787.5/11

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

Left In: 1562.379 $\pm$ 0.389 χ^2 /NDF: 324327.5/9

Left: 1587.227 $\pm$ 0.274 χ^2 /NDF: 964226.3/21

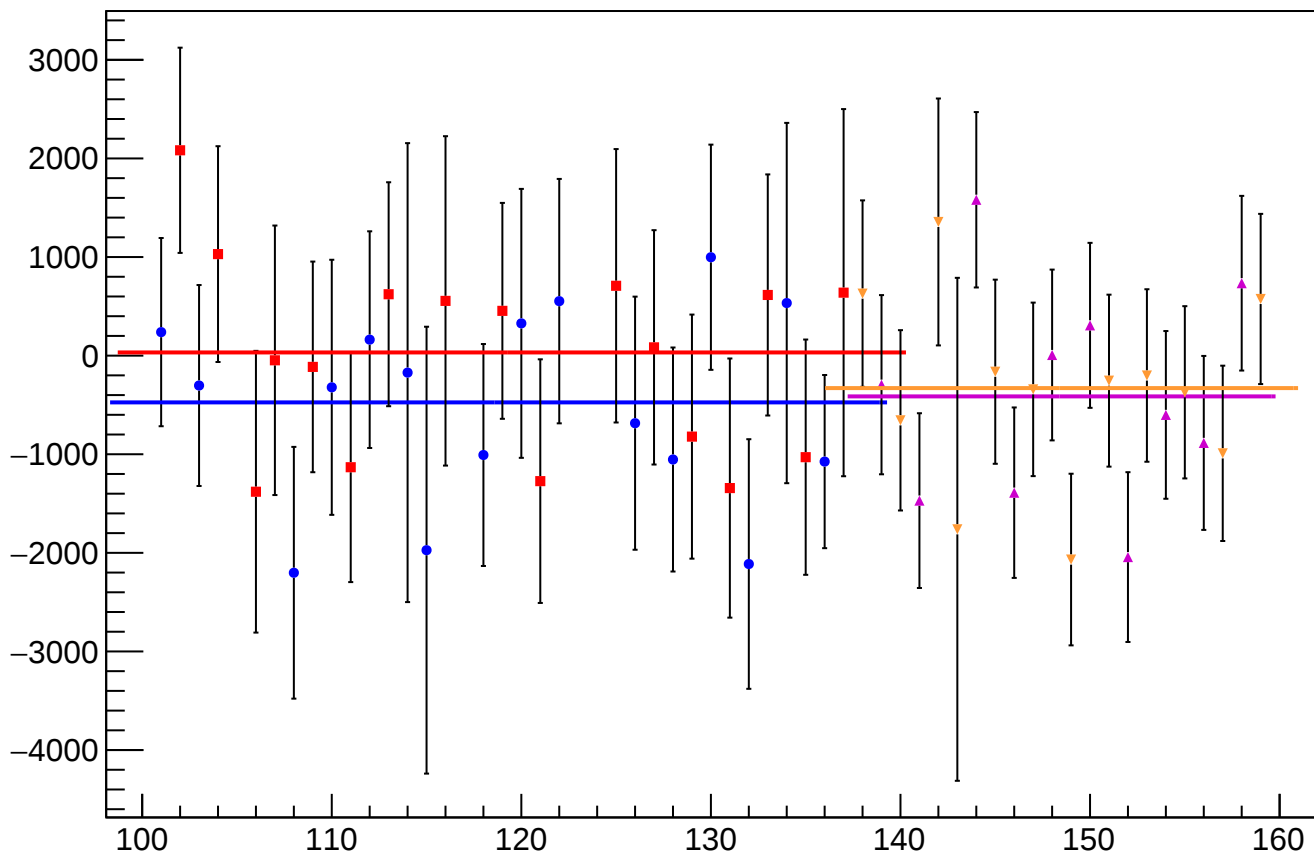
Right: 1466.182 $\pm$ 0.284 χ^2 /NDF: 542080.9/32

In: 1503.127 $\pm$ 0.278 χ^2 /NDF: 654318.9/25

Out: 1555.077 $\pm$ 0.280 χ^2 /NDF: 928625.1/28

All: 1529.005 $\pm$ 0.197 χ^2 /NDF: 1600277.4/54

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -329.121+/-273.134 χ^2/NDF : 9.0/11

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

Left In: -413.317+/-275.876 χ^2/NDF : 14.3/9

Left: -370.799+/-194.097 χ^2/NDF : 23.3/21

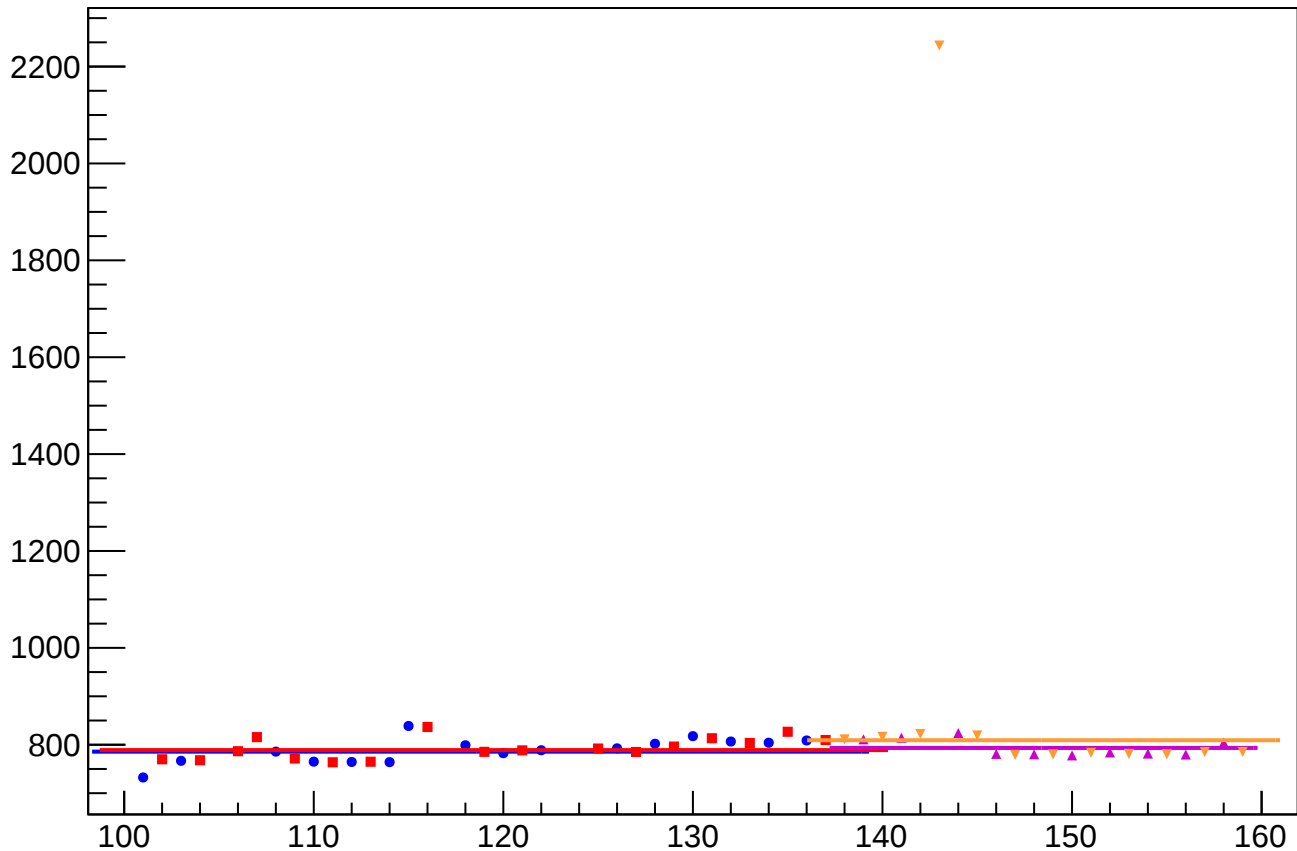
Right: -217.229+/-213.362 χ^2/NDF : 21.6/32

In: -440.792+/-204.269 χ^2/NDF : 23.2/25

Out: -165.013+/-201.848 χ^2/NDF : 21.1/28

All: -301.258+/-143.576 χ^2/NDF : 45.2/54

dit_asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 809.300 $\pm$ 0.193 χ^2 /NDF: 646635.2/11

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

Left In: 793.392 $\pm$ 0.195 χ^2 /NDF: 7204.7/9

Left: 801.425 $\pm$ 0.137 χ^2 /NDF: 657198.3/21

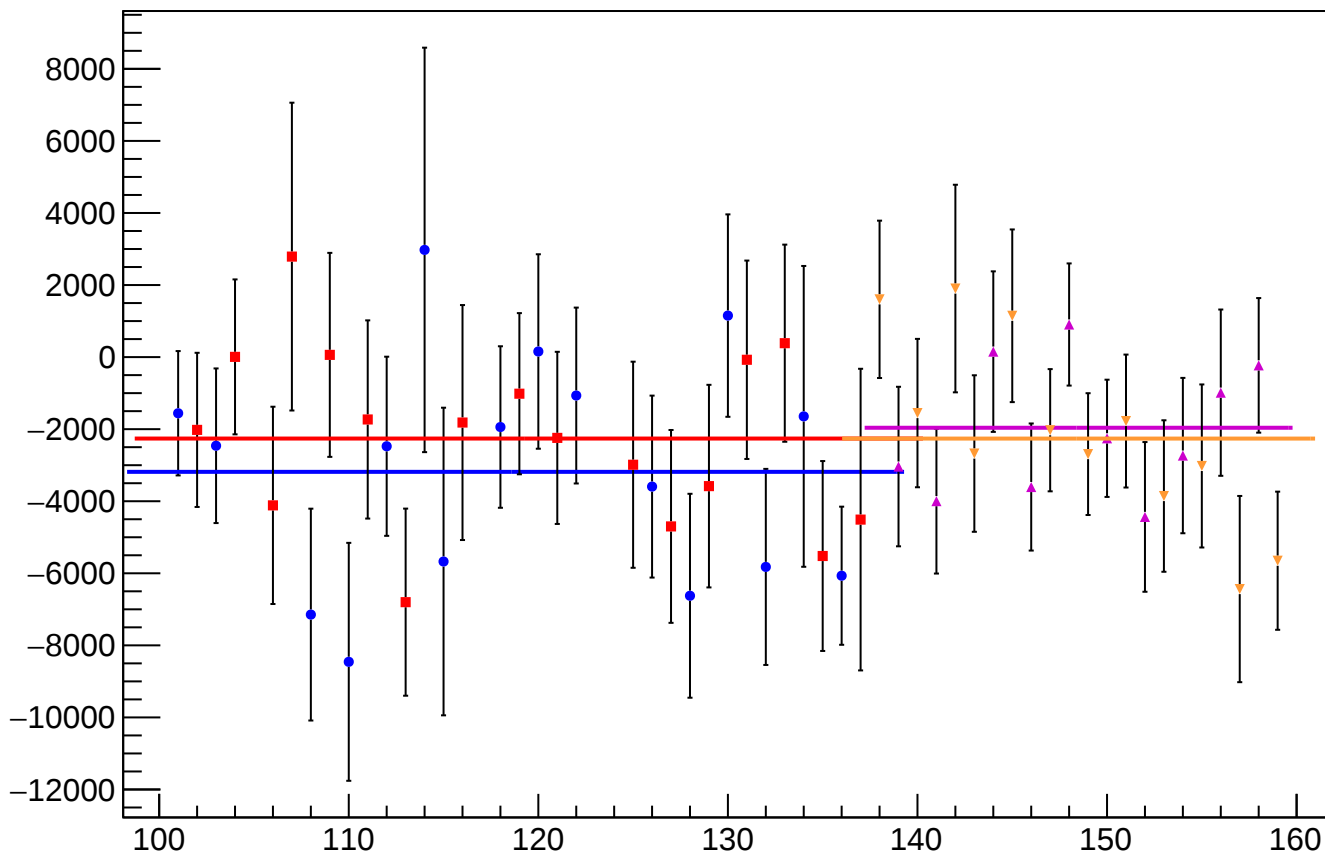
Right: 787.366 $\pm$ 0.151 χ^2 /NDF: 23558.6/32

In: 789.938 $\pm$ 0.144 χ^2 /NDF: 21820.2/25

Out: 800.059 $\pm$ 0.143 χ^2 /NDF: 661203.9/28

All: 795.059 $\pm$ 0.102 χ^2 /NDF: 685508.7/54

asym_us_dd_correction_mean vs Slug, Sign Corrected

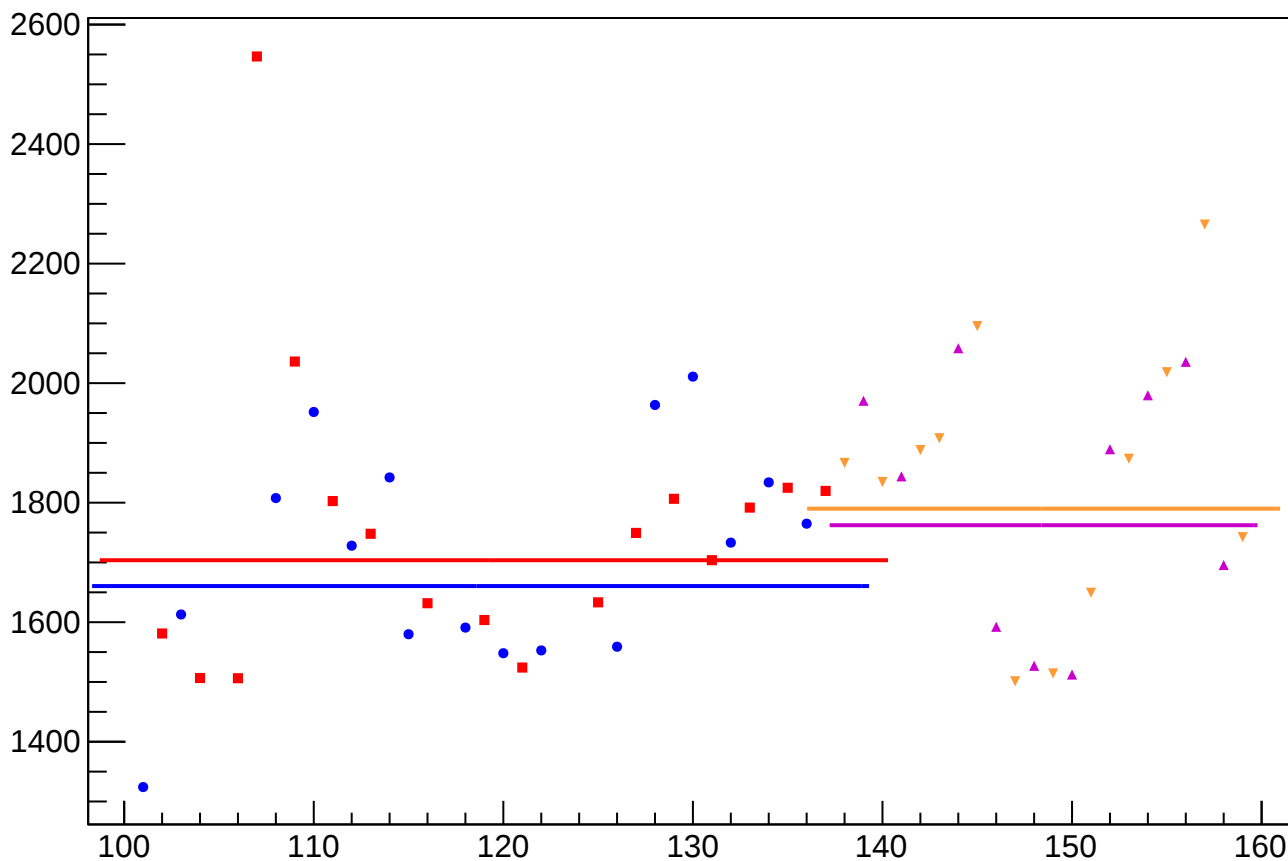


Right In: -3184.522+/-647.361 χ^2/NDF : 16.8/15
 Left Out: -2260.996+/-598.980 χ^2/NDF :14.0/11
 Right Out: -2260.241+/-651.957 χ^2/NDF : 11.6/16
 Left In: -1960.948+/-617.596 χ^2/NDF :8.5/9

Left: -2115.562+/-429.974 χ^2/NDF : 22.6/21
 Right: -2725.651+/-459.370 χ^2/NDF : 29.4/32
 In: -2543.960+/-446.859 χ^2/NDF :27.2/25
 Out: -2260.651+/-441.085 χ^2/NDF :25.6/28

All: -2400.463+/-313.915 χ^2/NDF : 53.0/54

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1789.974 $\pm$ 0.424 χ^2/NDF : 259433.3/11

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

Left In: 1762.281 $\pm$ 0.437 χ^2/NDF : 219094.5/9

Left: 1776.551 $\pm$ 0.304 χ^2/NDF : 480599.9/21

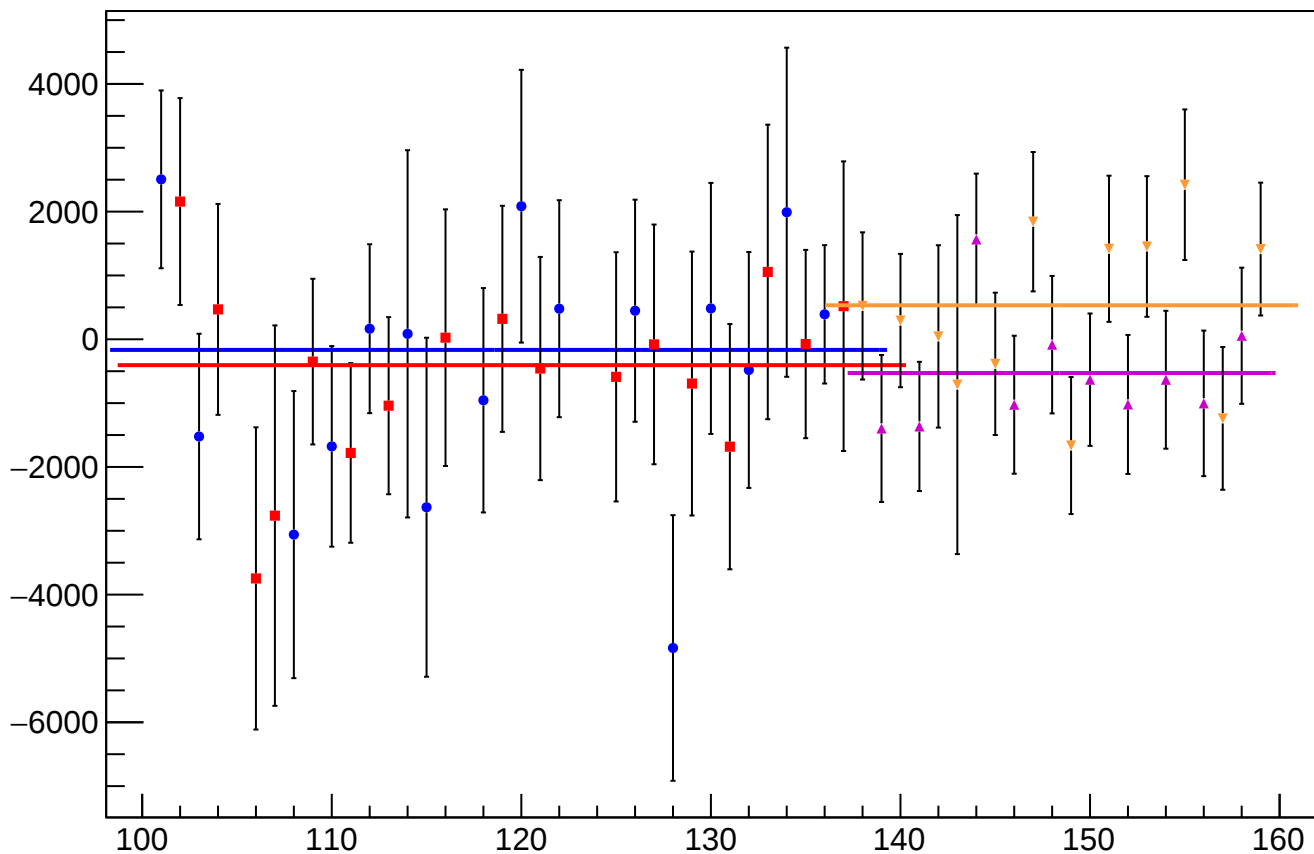
Right: 1681.918 $\pm$ 0.325 χ^2/NDF : 354656.9/32

In: 1713.766 $\pm$ 0.316 χ^2/NDF : 424202.3/25

Out: 1750.475 $\pm$ 0.312 χ^2/NDF : 449459.9/28

All: 1732.359 $\pm$ 0.222 χ^2/NDF : 880498.4/54

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 532.489+/-336.313 χ^2/NDF : 13.8/11

Right Out: -405.286+/-428.618 χ^2/NDF : 7.9/16

Left In: -528.553+/-339.633 χ^2/NDF : 6.5/9

Left: 7.178+/-238.974 χ^2/NDF : 25.2/21

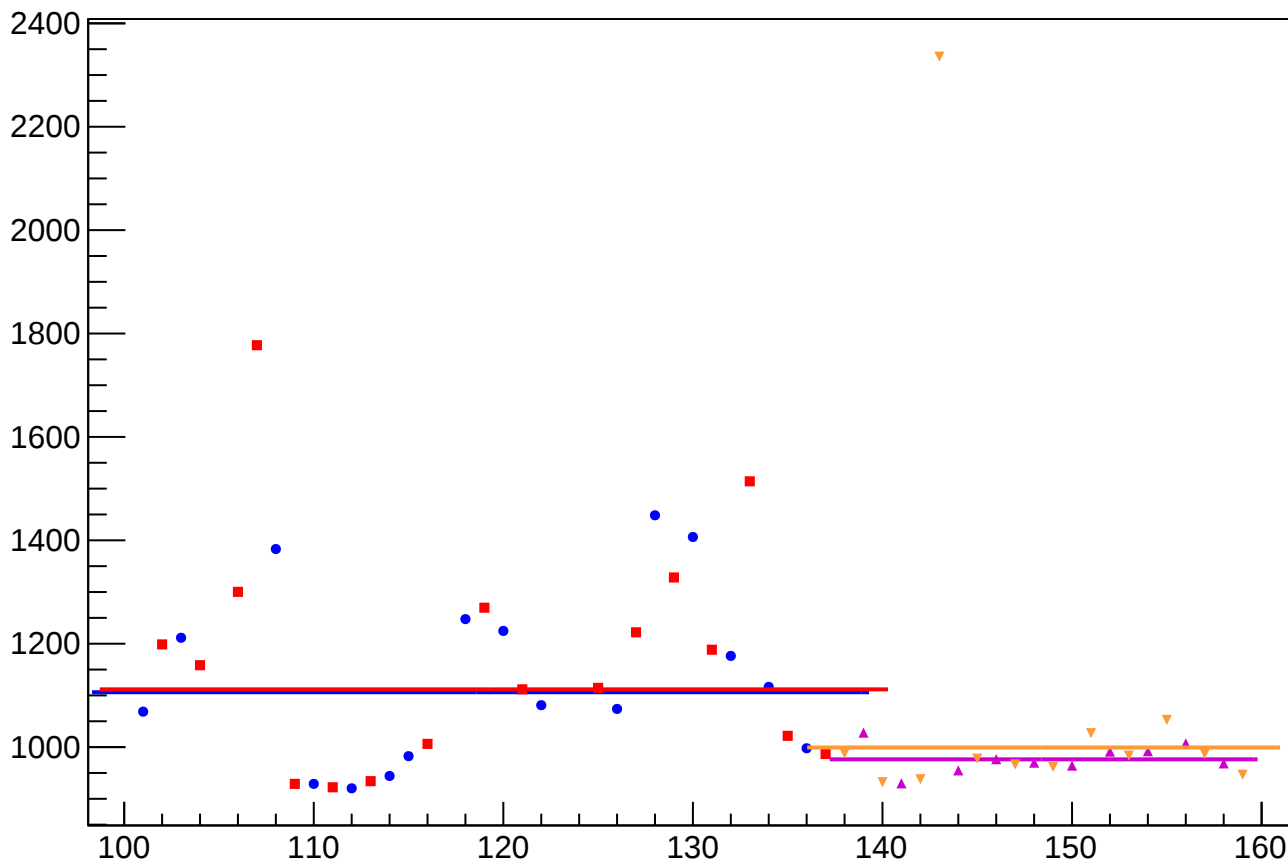
Right: -286.949+/-304.505 χ^2/NDF : 23.7/32

In: -390.468+/-267.158 χ^2/NDF : 22.5/25

Out: 175.140+/-264.587 χ^2/NDF : 24.6/28

All: -104.929+/-187.994 χ^2/NDF : 49.4/54

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 999.255 ± 0.238 χ^2/NDF : 534751.8/11

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

Left In: 976.341 ± 0.240 χ^2/NDF : 11824.9/9

Left: 987.911 ± 0.169 χ^2/NDF : 551173.5/21

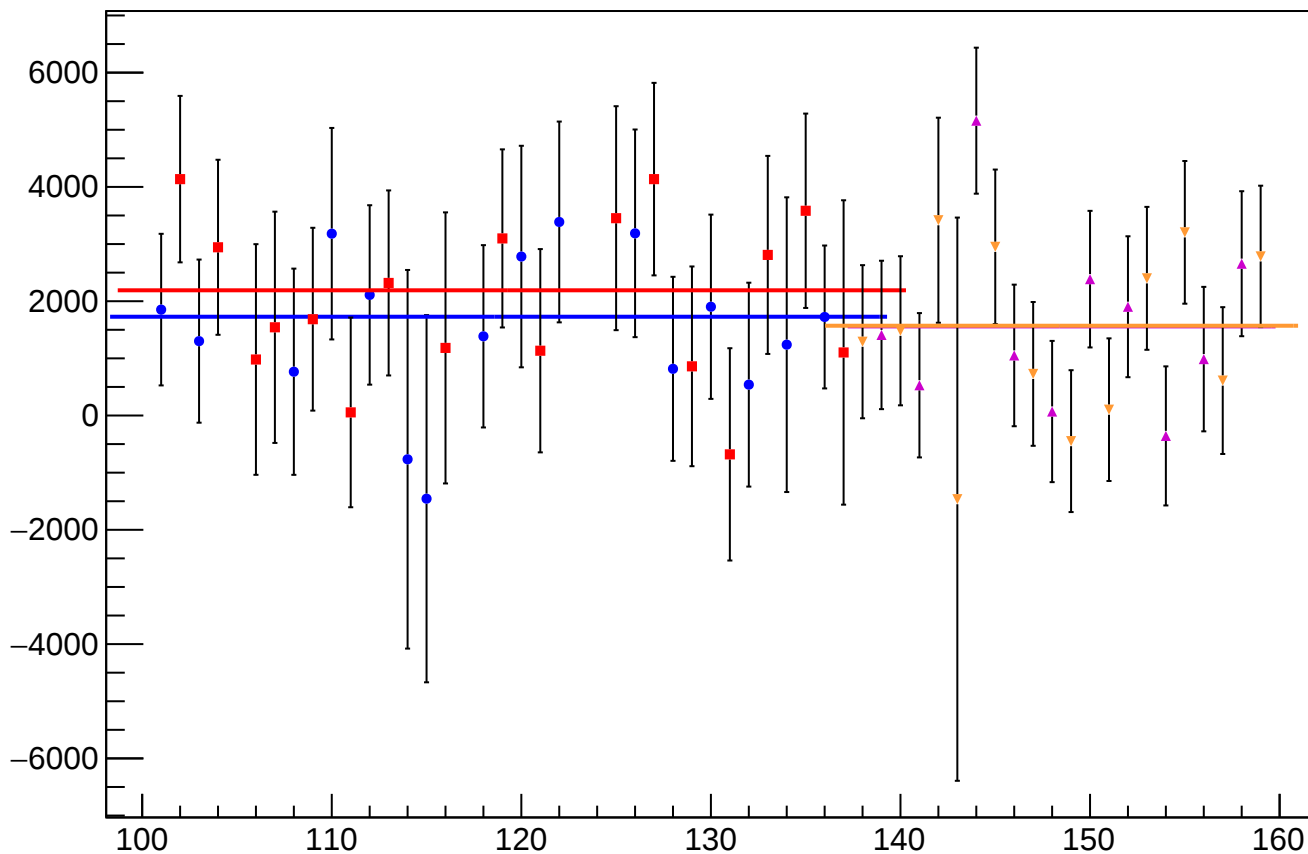
Right: 1108.969 ± 0.215 χ^2/NDF : 616473.4/32

In: 1025.833 ± 0.189 χ^2/NDF : 383143.0/25

Out: 1042.114 ± 0.187 χ^2/NDF : 976374.6/28

All: 1034.052 ± 0.133 χ^2/NDF : 1363267.1/54

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1570.929 $\pm$ 391.995 χ^2 /NDF:10.7/11

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

Left In: 1559.248 $\pm$ 394.669 χ^2 /NDF:14.2/9

Left: 1565.129 $\pm$ 278.123 χ^2 /NDF: 24.9/21

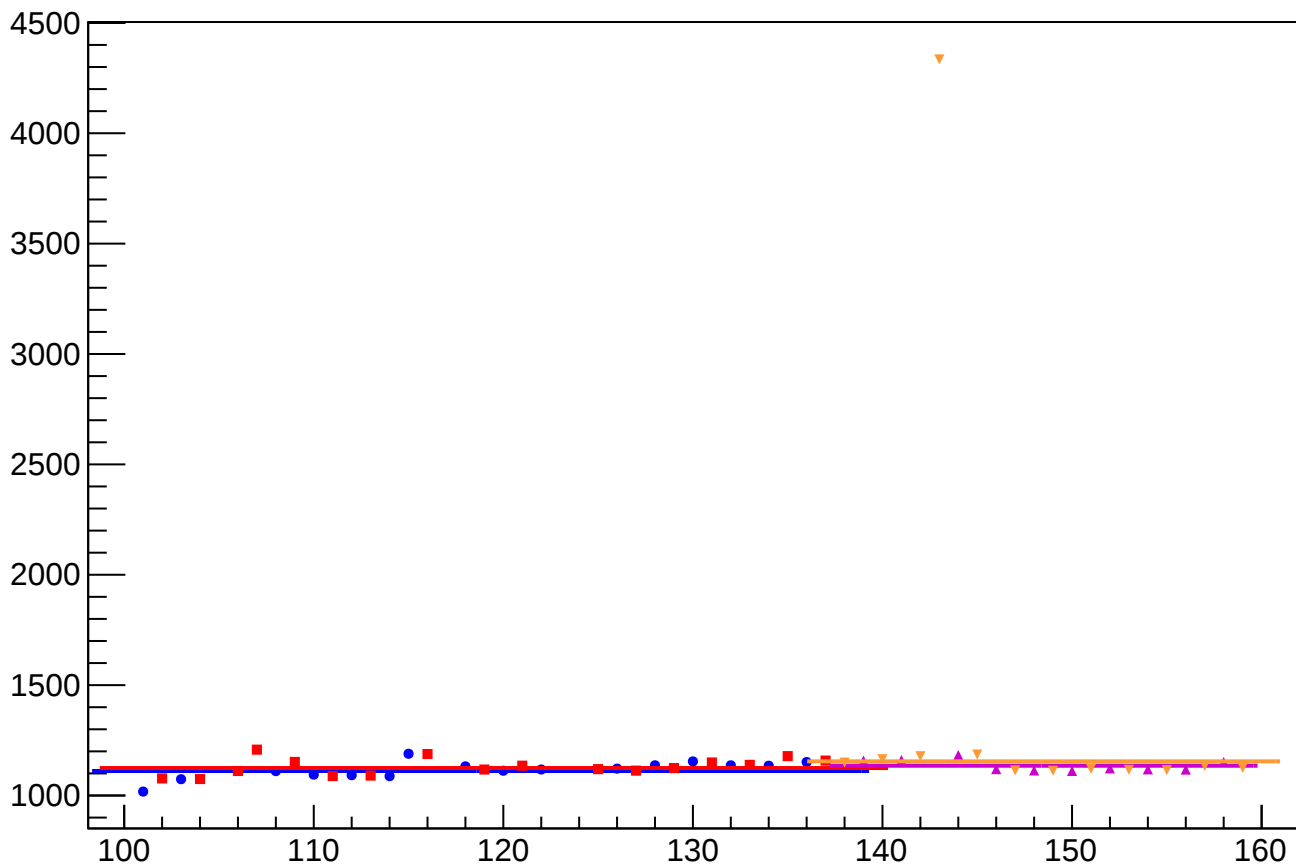
Right: 1961.110 $\pm$ 303.000 χ^2 /NDF: 16.7/32

In: 1636.658 $\pm$ 290.702 χ^2 /NDF:19.6/25

Out: 1854.337 $\pm$ 288.834 χ^2 /NDF:22.6/28

All: 1746.199 $\pm$ 204.894 χ^2 /NDF: 42.5/54

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1154.792 $\pm$ 0.277 χ^2 /NDF: 845705.3/11

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

Left In: 1134.939 $\pm$ 0.279 χ^2 /NDF: 7369.0/9

Left: 1144.933 $\pm$ 0.197 χ^2 /NDF: 855621.8/21

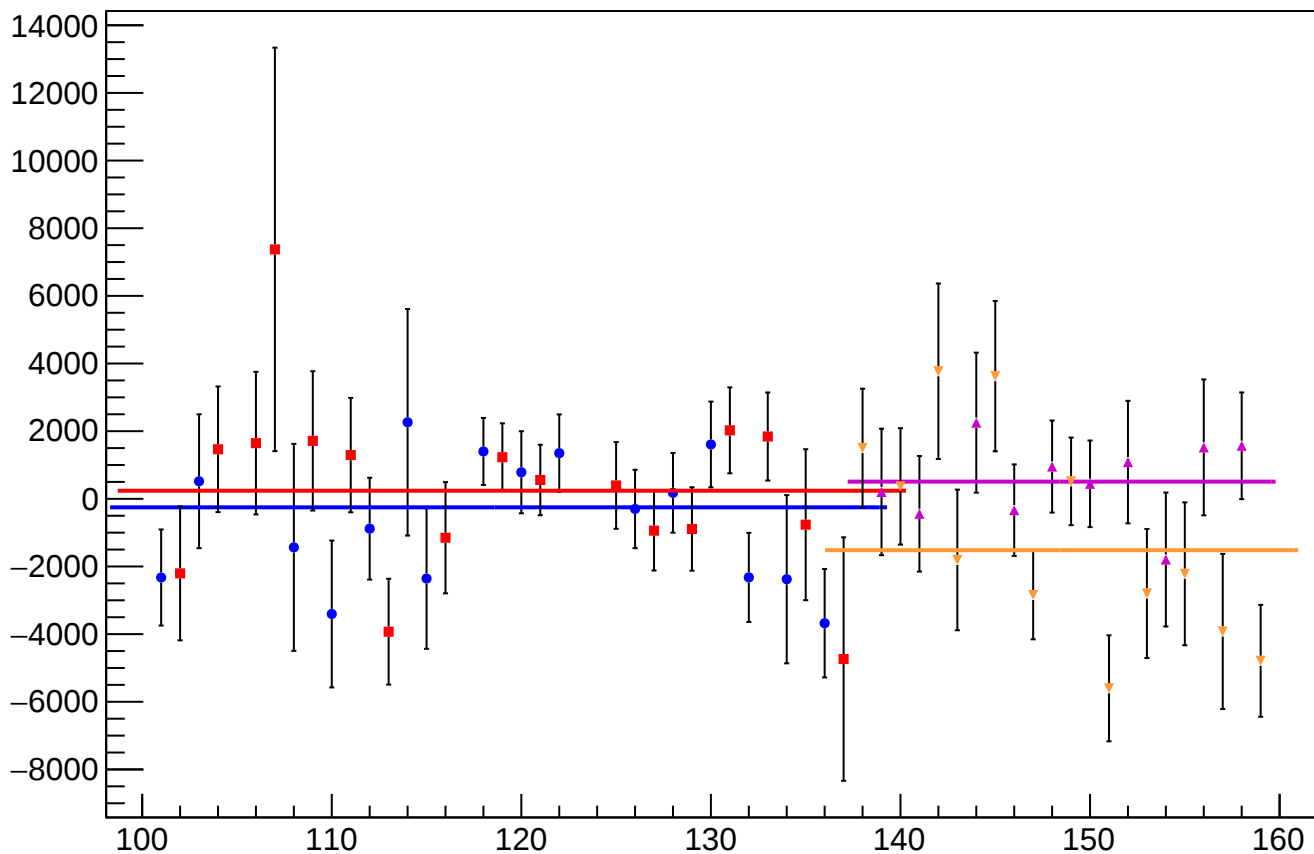
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

In: 1124.007 $\pm$ 0.206 χ^2 /NDF: 28814.2/25

Out: 1140.953 $\pm$ 0.204 χ^2 /NDF: 865759.8/28

All: 1132.534 $\pm$ 0.145 χ^2 /NDF: 897993.8/54

asym_usl_correction_mean vs Slug, Sign Corrected



Left: -520.716 $\pm$ 361.436 χ^2/NDF : 41.1/21

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

In: 2.584 $\pm$ 297.789 χ^2/NDF : 27.0/25

Out: -357.529 $\pm$ 295.653 χ^2/NDF : 58.6/28

All: -178.768 $\pm$ 209.809 χ^2/NDF : 86.3/54

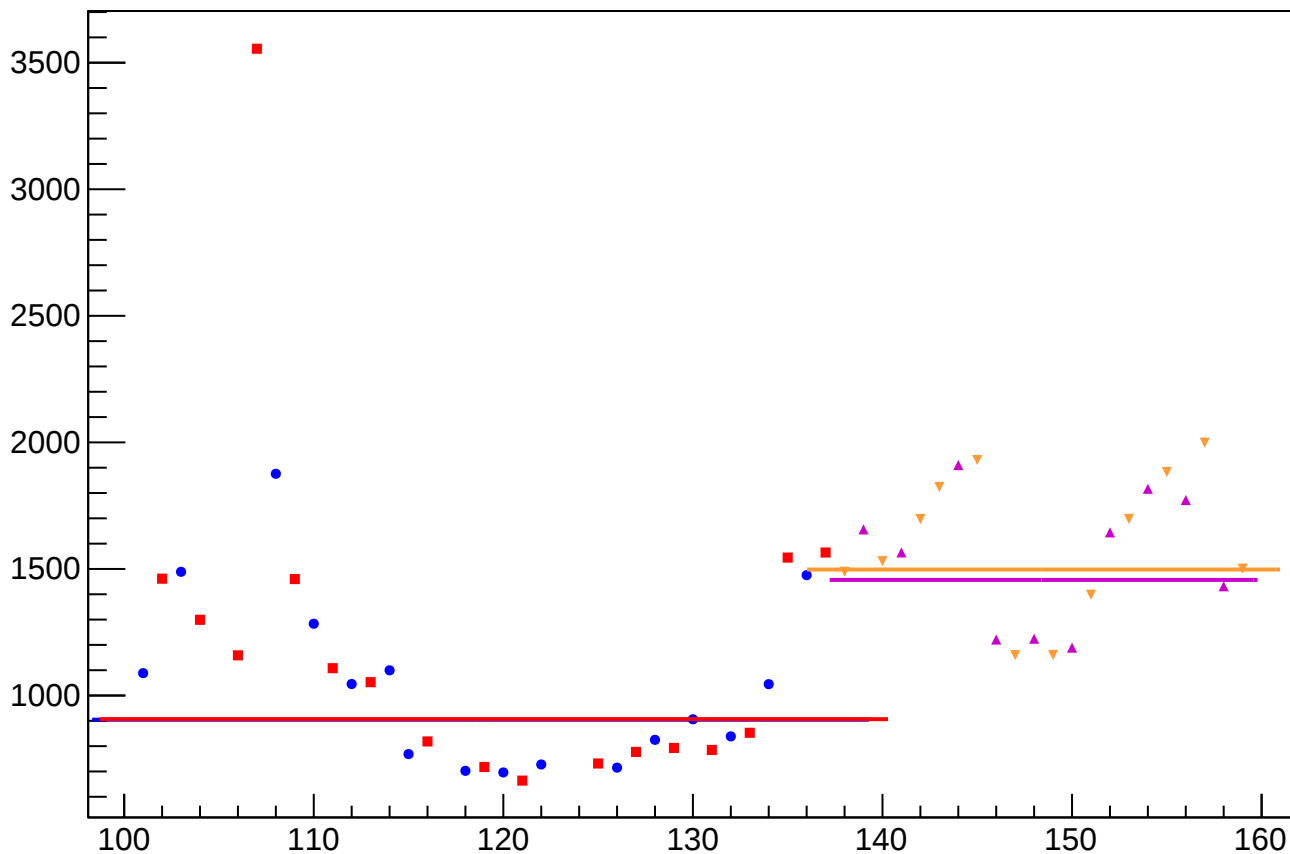
Right In: -251.327 $\pm$ 364.951 χ^2/NDF : 21.8/15

Left Out: -1518.716 $\pm$ 507.264 χ^2/NDF : 29.6/11

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

Left In: 508.450 $\pm$ 515.123 χ^2/NDF : 3.7/9

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1497.752 $\pm$ 0.359 χ^2 /NDF: 598863.9/11

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

Left In: 1456.748 $\pm$ 0.364 χ^2 /NDF: 470885.4/9

Left: 1477.566 $\pm$ 0.256 χ^2 /NDF: 1076182.9/21

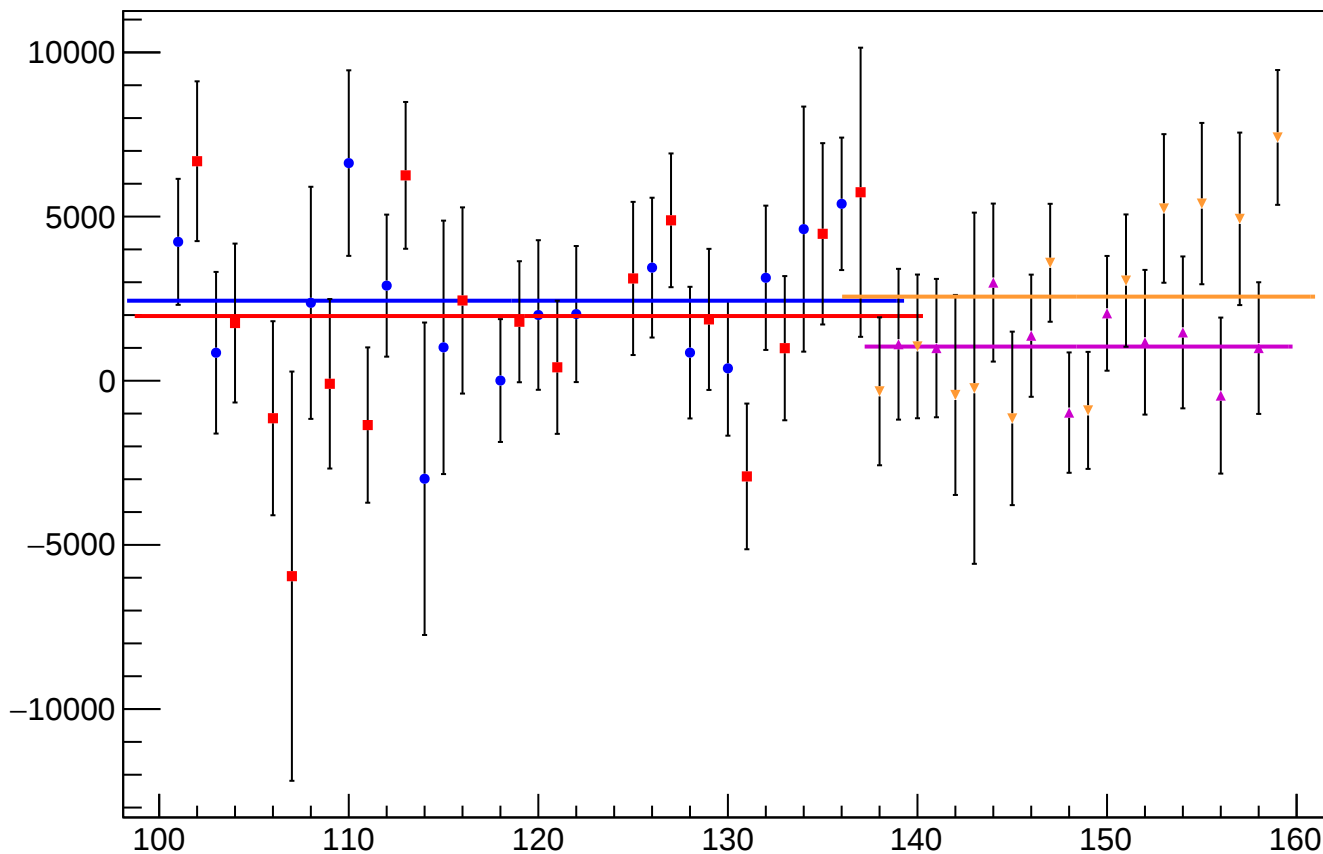
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

In: 1089.049 $\pm$ 0.211 χ^2 /NDF: 3022519.2/25

Out: 1107.412 $\pm$ 0.209 χ^2 /NDF: 3768476.6/28

All: 1098.297 $\pm$ 0.148 χ^2 /NDF: 6794825.4/54

asym_usl_mean vs Slug, Sign Corrected



Right In: 2437.510+/-586.231 χ^2/NDF : 11.2/15

Left Out: 2561.477+/-658.526 χ^2/NDF : 18.6/11

Right Out: 1970.445+/-586.663 χ^2/NDF : 22.3/16

Left In: 1040.483+/-656.509 χ^2/NDF : 2.7/9

Left: 1798.647+/-464.933 χ^2/NDF : 24.0/21

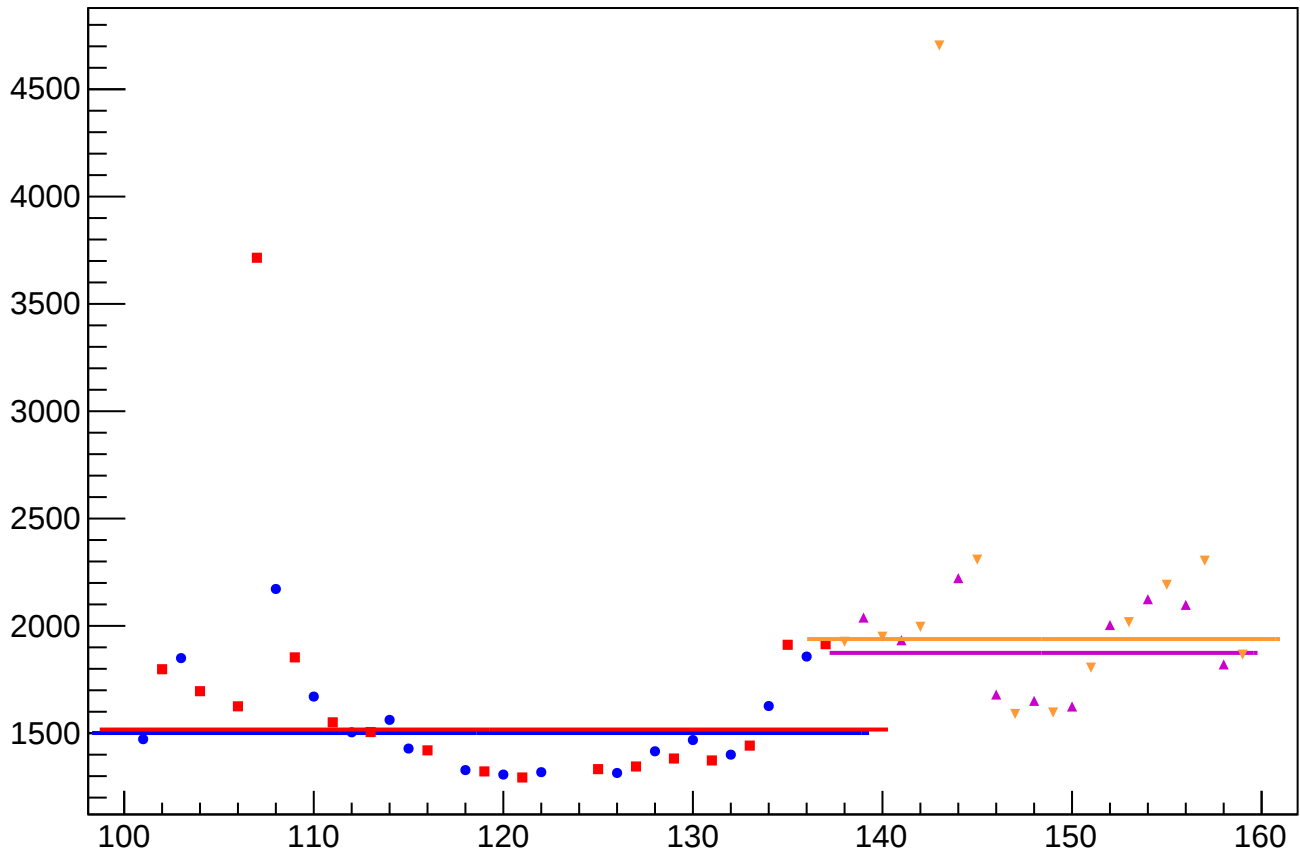
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

In: 1817.747+/-437.271 χ^2/NDF : 16.3/25

Out: 2231.964+/-438.046 χ^2/NDF : 41.4/28

All: 2024.489+/-309.471 χ^2/NDF : 58.2/54

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1938.656+/-0.466 χ^2/NDF : 797290.1/11

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

Left In: 1874.193+/-0.464 χ^2/NDF : 195534.8/9

Left: 1906.325+/-0.329 χ^2/NDF : 1002436.8/21

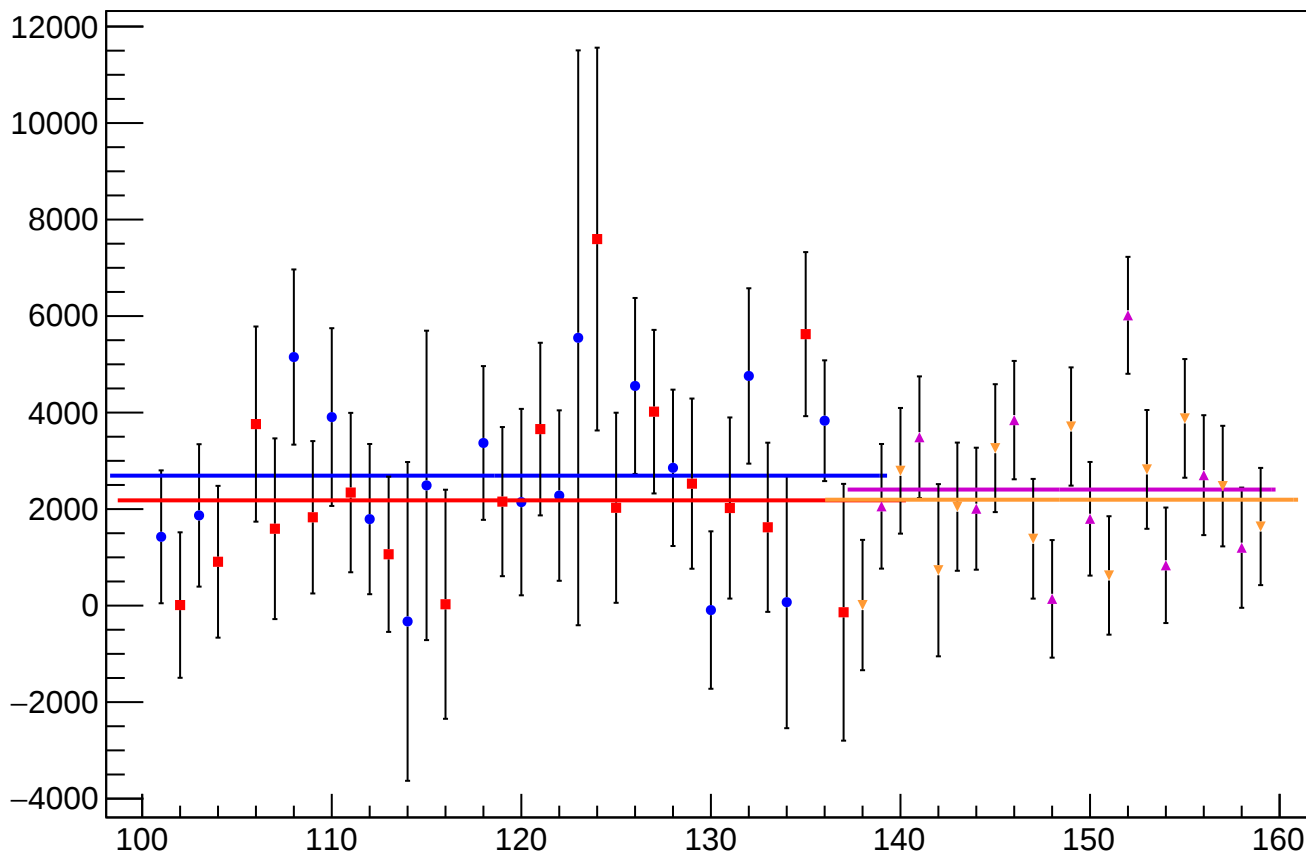
Right: 1508.969+/-0.293 χ^2/NDF : 732045.6/32

In: 1666.464+/-0.309 χ^2/NDF : 811657.3/25

Out: 1703.641+/-0.310 χ^2/NDF : 1729229.8/28

All: 1685.020+/-0.219 χ^2/NDF : 2548102.5/54

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2194.446 $\pm$ 372.469 χ^2 /NDF:10.1/11

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

Left In: 2404.956 $\pm$ 389.661 χ^2 /NDF:17.6/9

Left: 2294.955 $\pm$ 269.248 χ^2 /NDF: 27.9/21

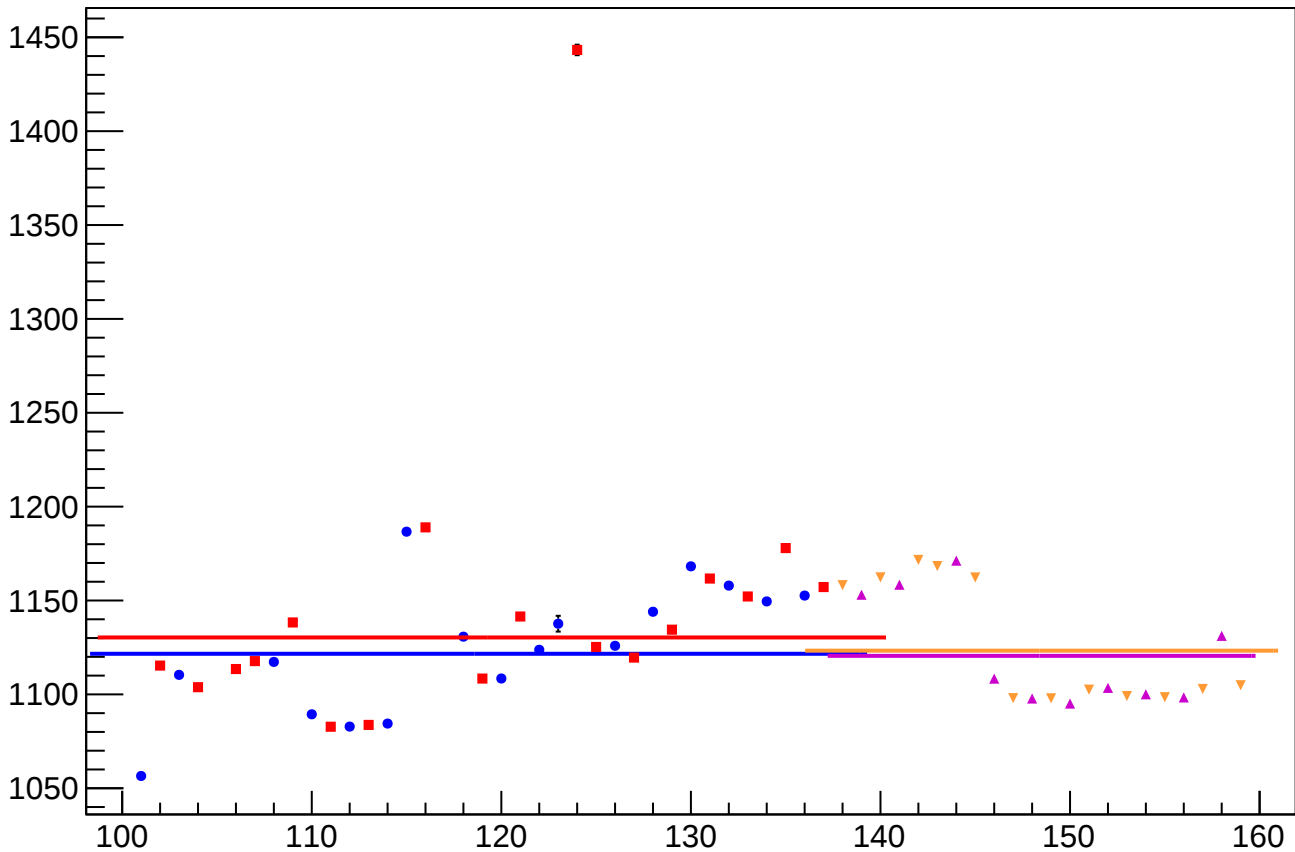
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

In: 2533.971 $\pm$ 289.531 χ^2 /NDF:30.1/26

Out: 2188.603 $\pm$ 280.247 χ^2 /NDF:23.7/29

All: 2355.661 $\pm$ 201.366 χ^2 /NDF: 54.5/56

dit_asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1123.292 $\pm$ 0.263 χ^2 /NDF:13471.0/11

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

Left In: 1120.525 $\pm$ 0.276 χ^2 /NDF:9881.9/9

Left: 1121.971 $\pm$ 0.190 χ^2 /NDF: 23405.7/21

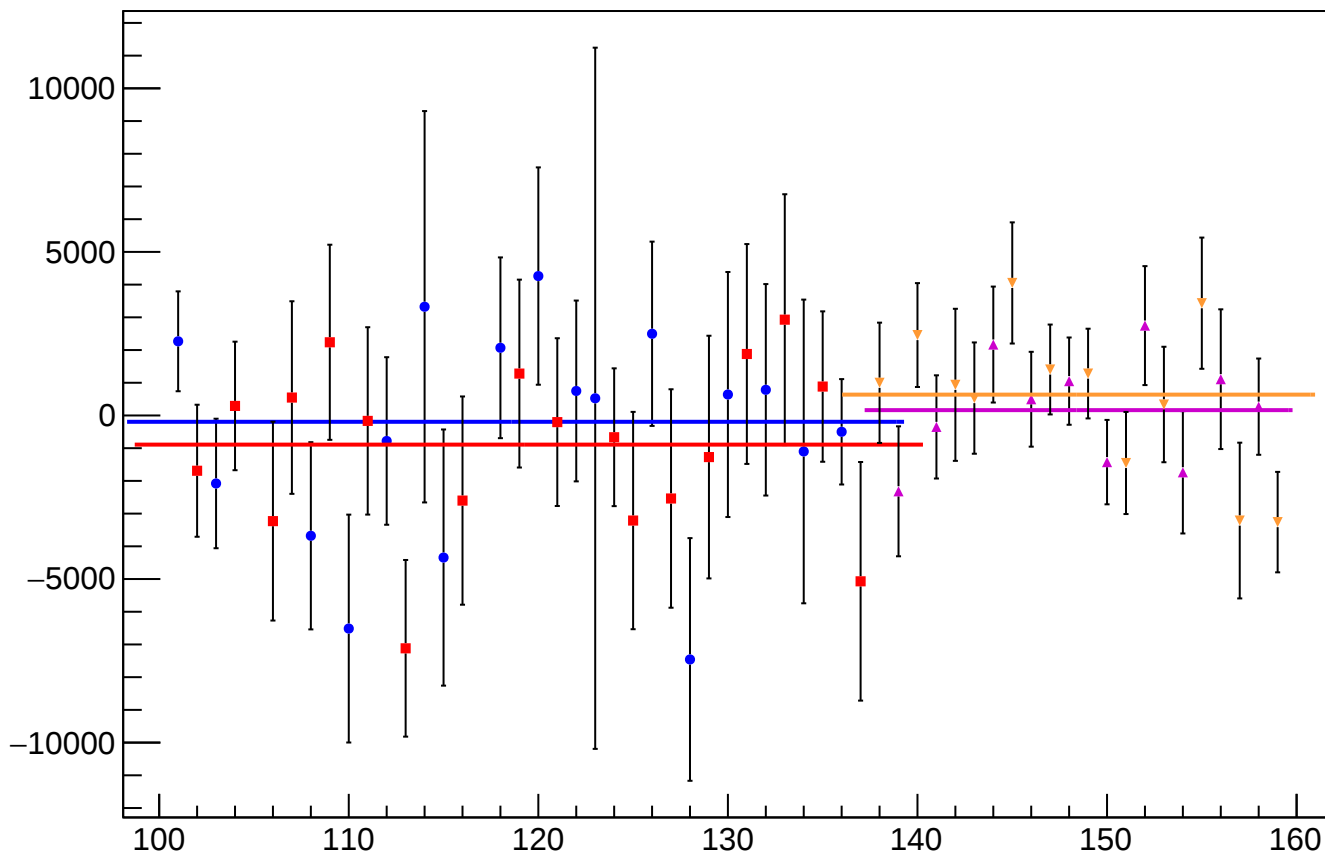
Right: 1126.044 $\pm$ 0.214 χ^2 /NDF: 33666.6/34

In: 1121.018 $\pm$ 0.205 χ^2 /NDF:21869.3/26

Out: 1126.339 $\pm$ 0.198 χ^2 /NDF:35055.8/29

All: 1123.766 $\pm$ 0.142 χ^2 /NDF: 57274.0/56

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 637.217 $\pm$ 490.437 χ^2 /NDF:18.1/11

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

Left In: 163.009 $\pm$ 507.532 χ^2 /NDF:8.2/9

Left: 408.234 $\pm$ 352.680 χ^2 /NDF: 26.8/21

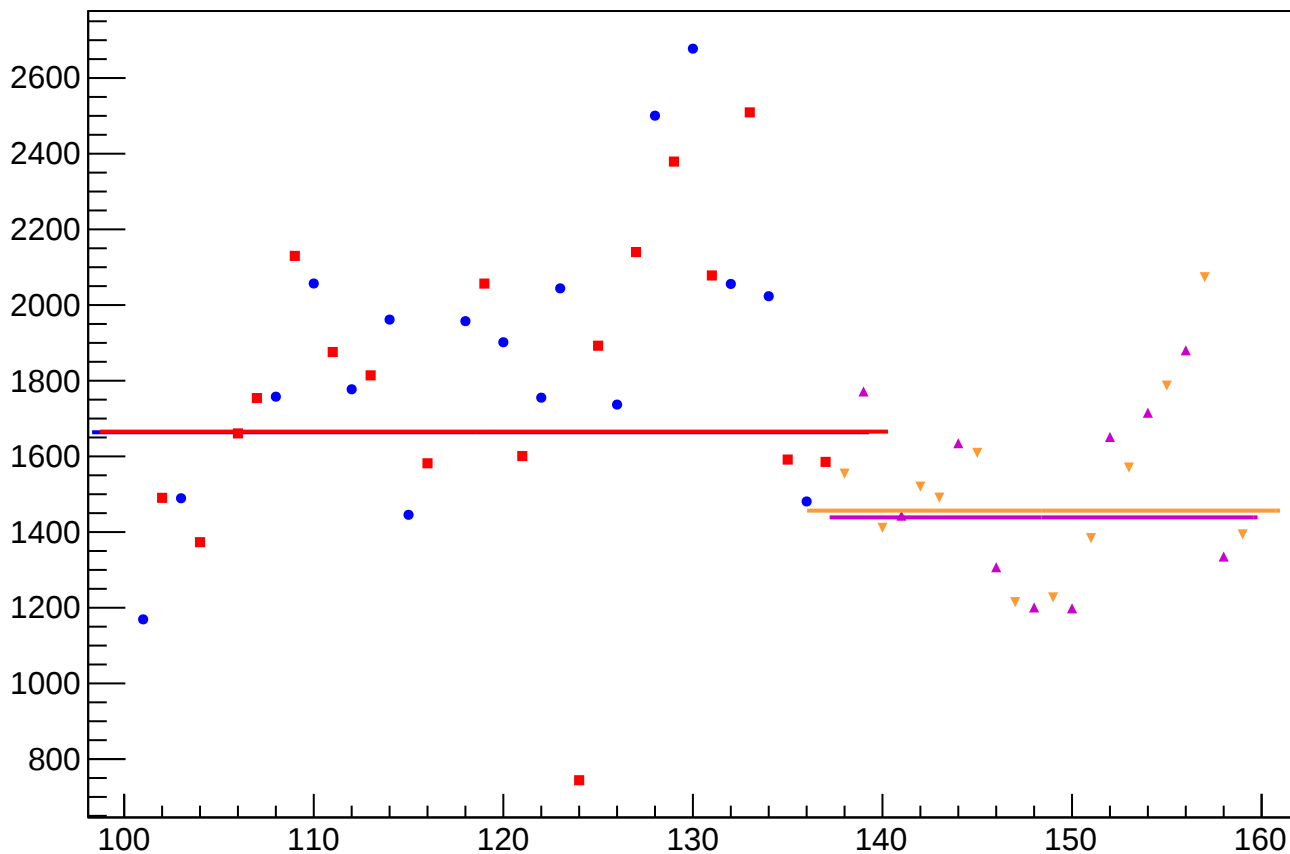
Right: -548.030 $\pm$ 463.023 χ^2 /NDF: 31.0/34

In: 30.683 $\pm$ 402.410 χ^2 /NDF:25.8/26

Out: 82.154 $\pm$ 391.369 χ^2 /NDF:34.8/29

All: 57.134 $\pm$ 280.562 χ^2 /NDF: 60.5/56

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1456.666+/-0.347 χ^2/NDF : 345652.7/11

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

Left In: 1438.832+/-0.359 χ^2/NDF : 396806.3/9

Left: 1448.055+/-0.249 χ^2/NDF : 743736.0/21

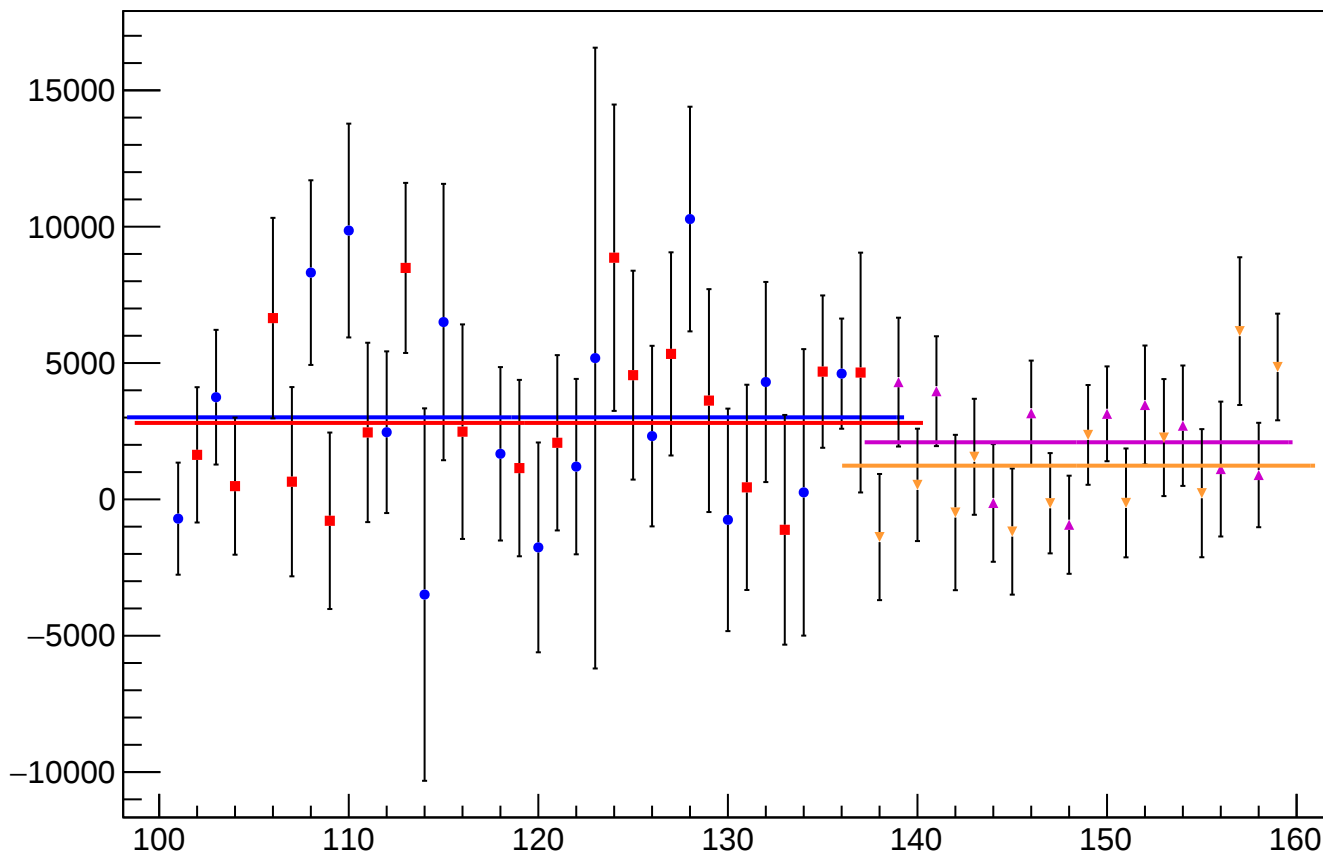
Right: 1664.637+/-0.327 χ^2/NDF : 1425275.8/34

In: 1522.365+/-0.285 χ^2/NDF : 1165179.5/26

Out: 1532.502+/-0.277 χ^2/NDF : 1280108.2/29

All: 1527.574+/-0.198 χ^2/NDF : 2445939.9/56

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 1236.409+/-620.747 χ^2/NDF : 11.4/11

Right Out: 2803.971+/-799.589 χ^2/NDF : 11.2/17

Left In: 2094.250+/-645.428 χ^2/NDF : 7.3/9

Left: 1648.614+/-447.405 χ^2/NDF : 19.7/21

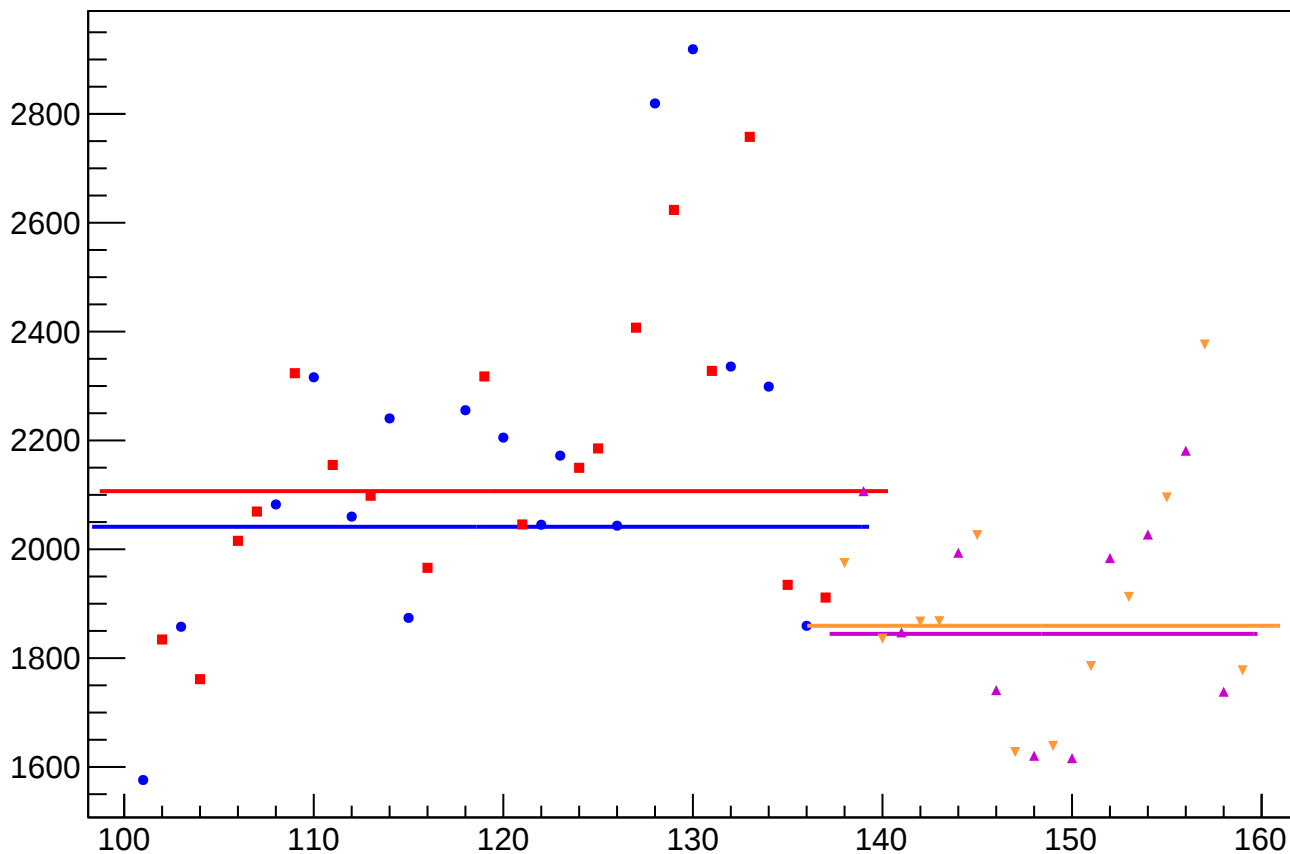
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

In: 2455.177+/-502.241 χ^2/NDF : 25.5/26

Out: 1825.890+/-490.331 χ^2/NDF : 25.0/29

All: 2132.984+/-350.851 χ^2/NDF : 51.3/56

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1859.445 $\pm$ 0.439 χ^2 /NDF:177051.4/11

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

Left In: 1844.588 $\pm$ 0.456 χ^2 /NDF:170464.3/9

Left: 1852.306 $\pm$ 0.316 χ^2 /NDF: 348066.2/21

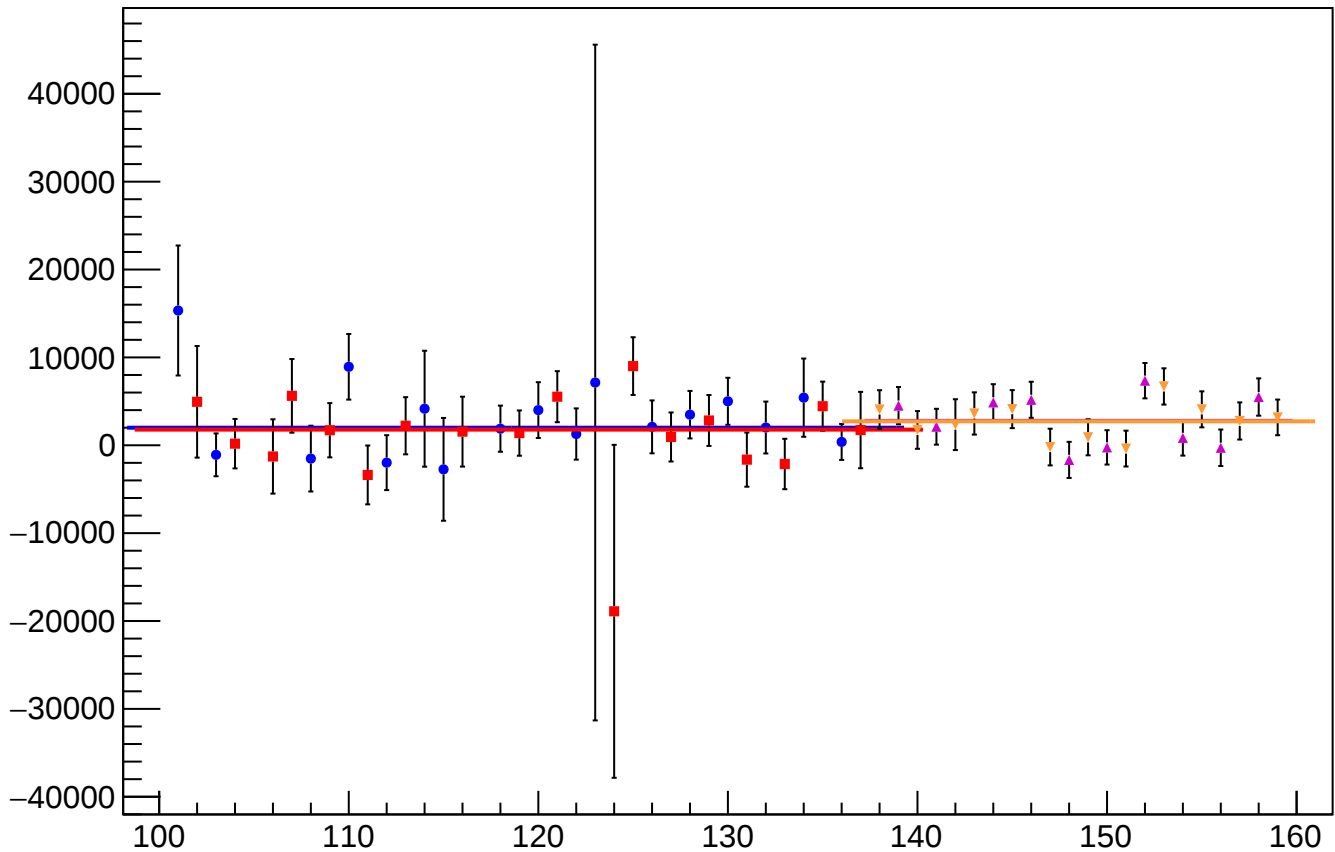
Right: 2074.099 $\pm$ 0.400 χ^2 /NDF: 541866.5/34

In: 1922.206 $\pm$ 0.355 χ^2 /NDF:582223.3/26

Out: 1952.479 $\pm$ 0.347 χ^2 /NDF:493238.4/29

All: 1937.706 $\pm$ 0.248 χ^2 /NDF: 1079182.1/56

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2725.724+/-622.782 χ^2/NDF : 10.4/11

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

Left In: 2771.964+/-648.259 χ^2/NDF : 20.1/9

Left: 2747.918+/-449.110 χ^2/NDF : 30.6/21

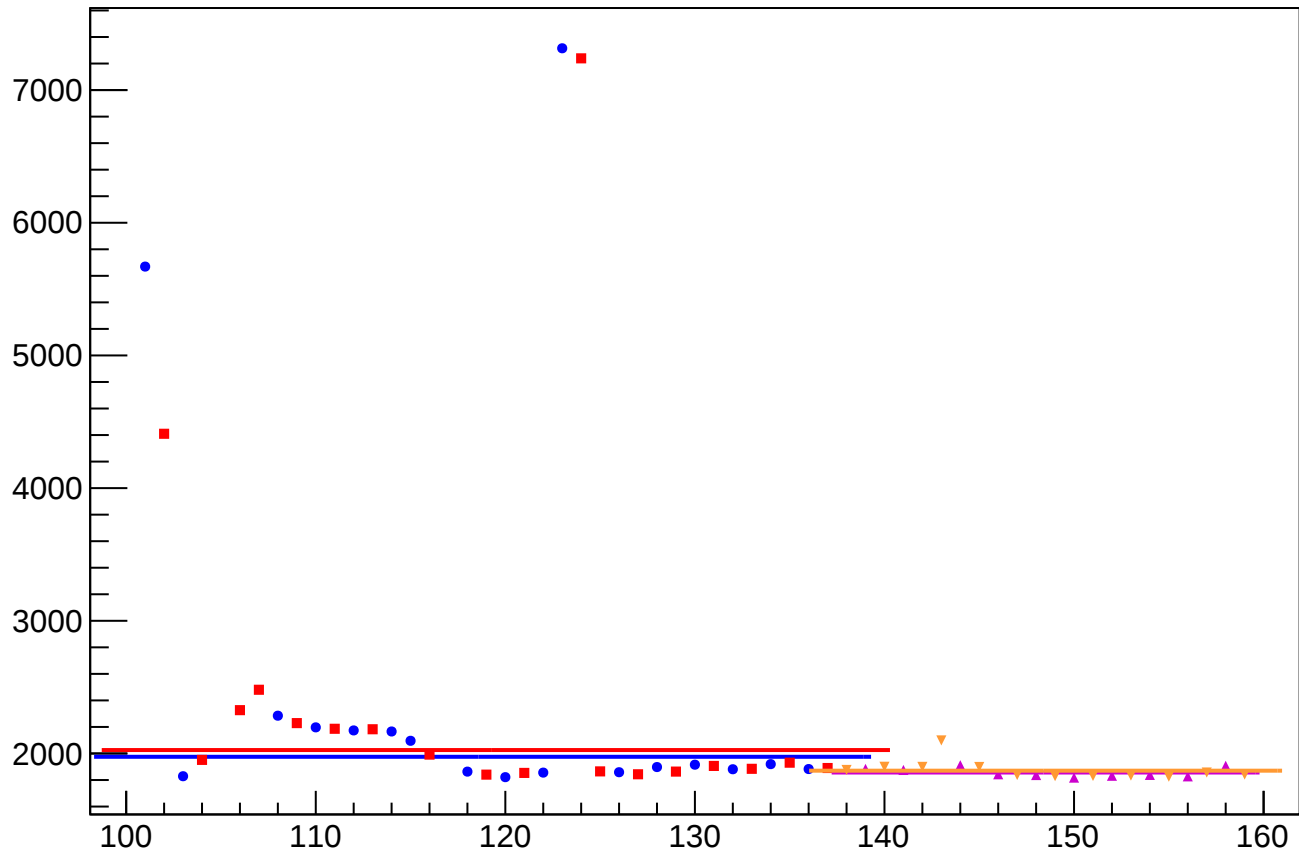
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

In: 2457.315+/-498.973 χ^2/NDF : 35.5/26

Out: 2359.304+/-487.127 χ^2/NDF : 27.6/29

All: 2407.132+/-348.564 χ^2/NDF : 63.1/56

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1870.371+/-0.440 χ^2/NDF : 23110.6/11

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

Left In: 1856.541+/-0.458 χ^2/NDF : 4950.3/9

Left: 1863.733+/-0.318 χ^2/NDF : 28534.2/21

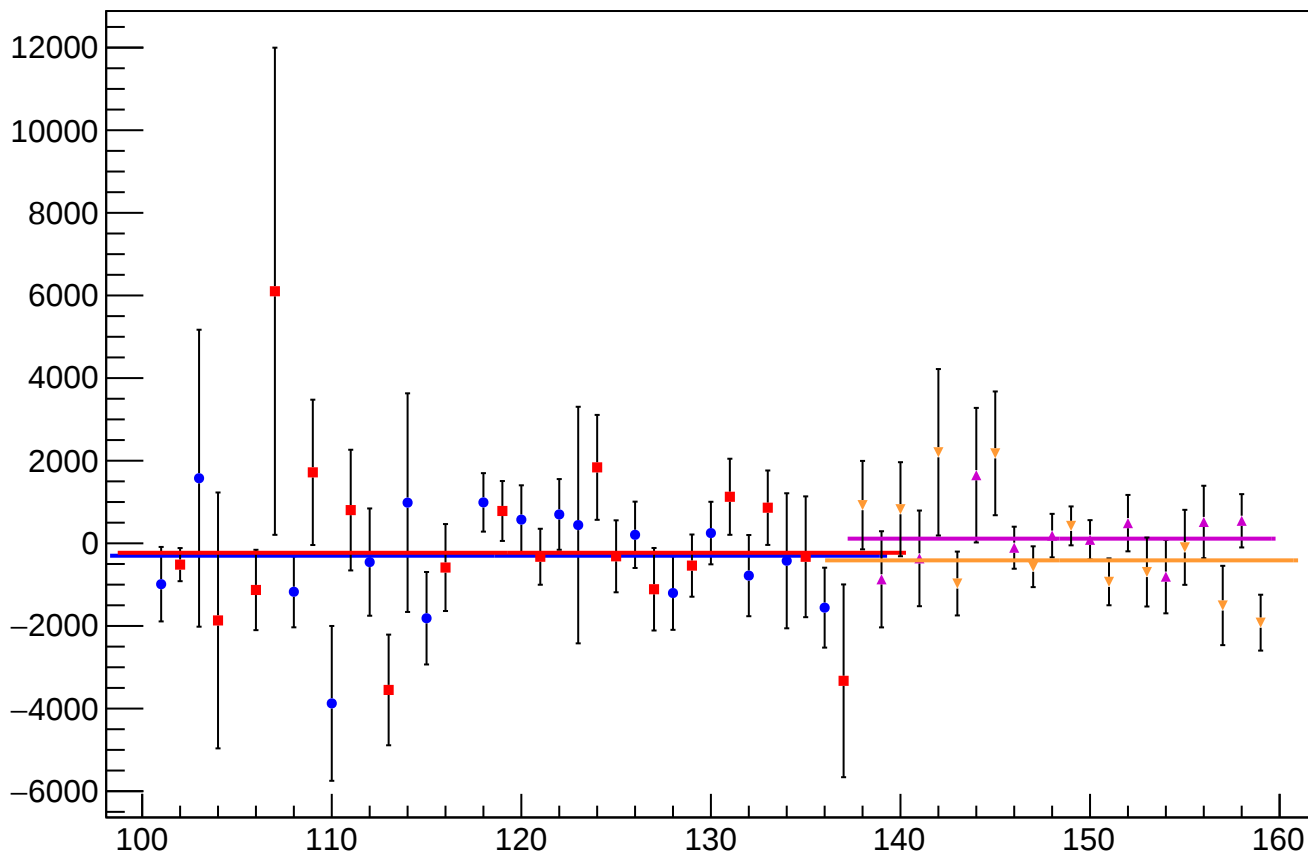
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

In: 1904.863+/-0.353 χ^2/NDF : 632049.0/26

Out: 1930.736+/-0.344 χ^2/NDF : 606898.6/29

All: 1918.110+/-0.246 χ^2/NDF : 1241701.0/56

asym_at1_avg_correction_mean vs Slug, Sign Corrected



Right In: -299.990 $\pm$ 246.615 χ^2/NDF : 17.3/16

Left Out: -412.251 $\pm$ 214.948 χ^2/NDF : 18.5/11

Right Out: -228.794 $\pm$ 215.624 χ^2/NDF : 21.8/17

Left In: 113.215 $\pm$ 218.970 χ^2/NDF : 4.0/9

Left: -154.388 $\pm$ 153.393 χ^2/NDF : 25.5/21

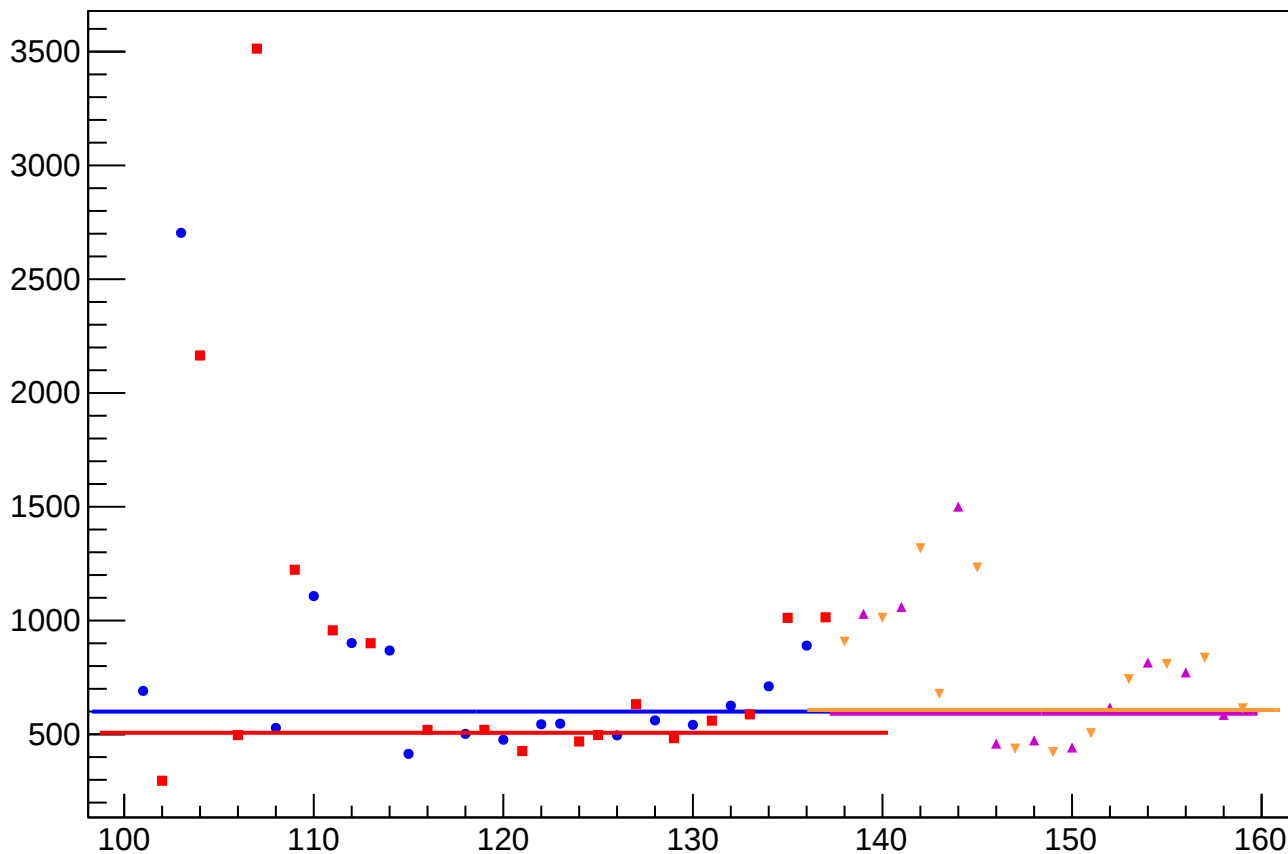
Right: -259.640 $\pm$ 162.327 χ^2/NDF : 39.2/34

In: -68.939 $\pm$ 163.740 χ^2/NDF : 22.9/26

Out: -320.810 $\pm$ 152.230 χ^2/NDF : 40.7/29

All: -204.038 $\pm$ 111.490 χ^2/NDF : 64.9/56

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 607.083+/-0.152 χ^2/NDF :1903400.3/11

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

Left In: 590.635+/-0.155 χ^2/NDF :1881117.1/9

Left: 599.011+/-0.108 χ^2/NDF : 3790264.4/21

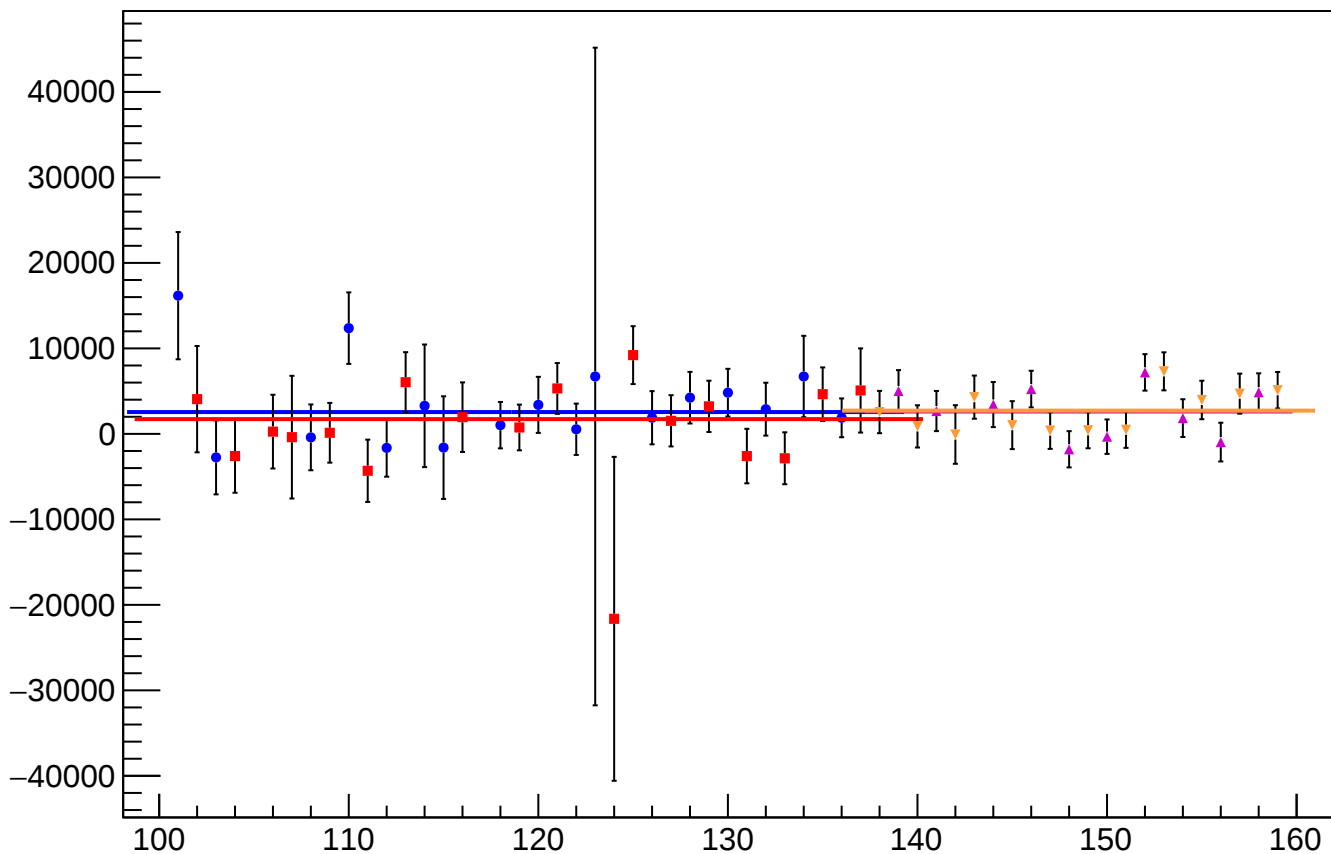
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

In: 594.743+/-0.116 χ^2/NDF :3263763.1/26

Out: 557.137+/-0.108 χ^2/NDF :4880918.5/29

All: 574.572+/-0.079 χ^2/NDF : 8201267.4/56

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2720.920 $\pm$ 679.708 χ^2 /NDF:12.0/11

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

Left In: 2617.510 $\pm$ 706.708 χ^2 /NDF:17.3/9

Left: 2671.228 $\pm$ 489.893 χ^2 /NDF: 29.3/21

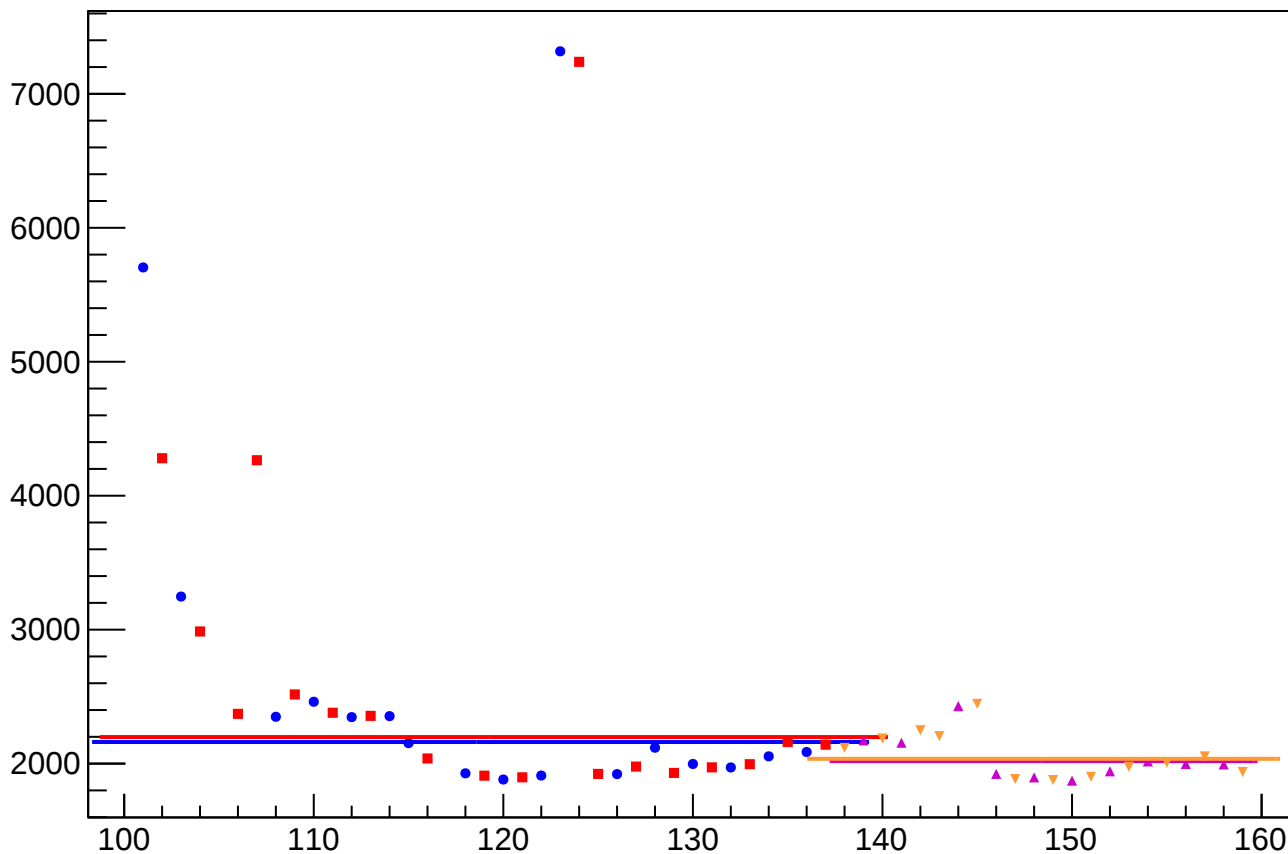
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

In: 2591.709 $\pm$ 545.724 χ^2 /NDF:33.0/26

Out: 2336.140 $\pm$ 532.102 χ^2 /NDF:32.4/29

All: 2460.695 $\pm$ 380.978 χ^2 /NDF: 65.5/56

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2035.879 $\pm$ 0.481 χ^2 /NDF:104752.4/11

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

Left In: 2018.680 $\pm$ 0.500 χ^2 /NDF:87313.8/9

Left: 2027.614 $\pm$ 0.346 χ^2 /NDF: 192681.6/21

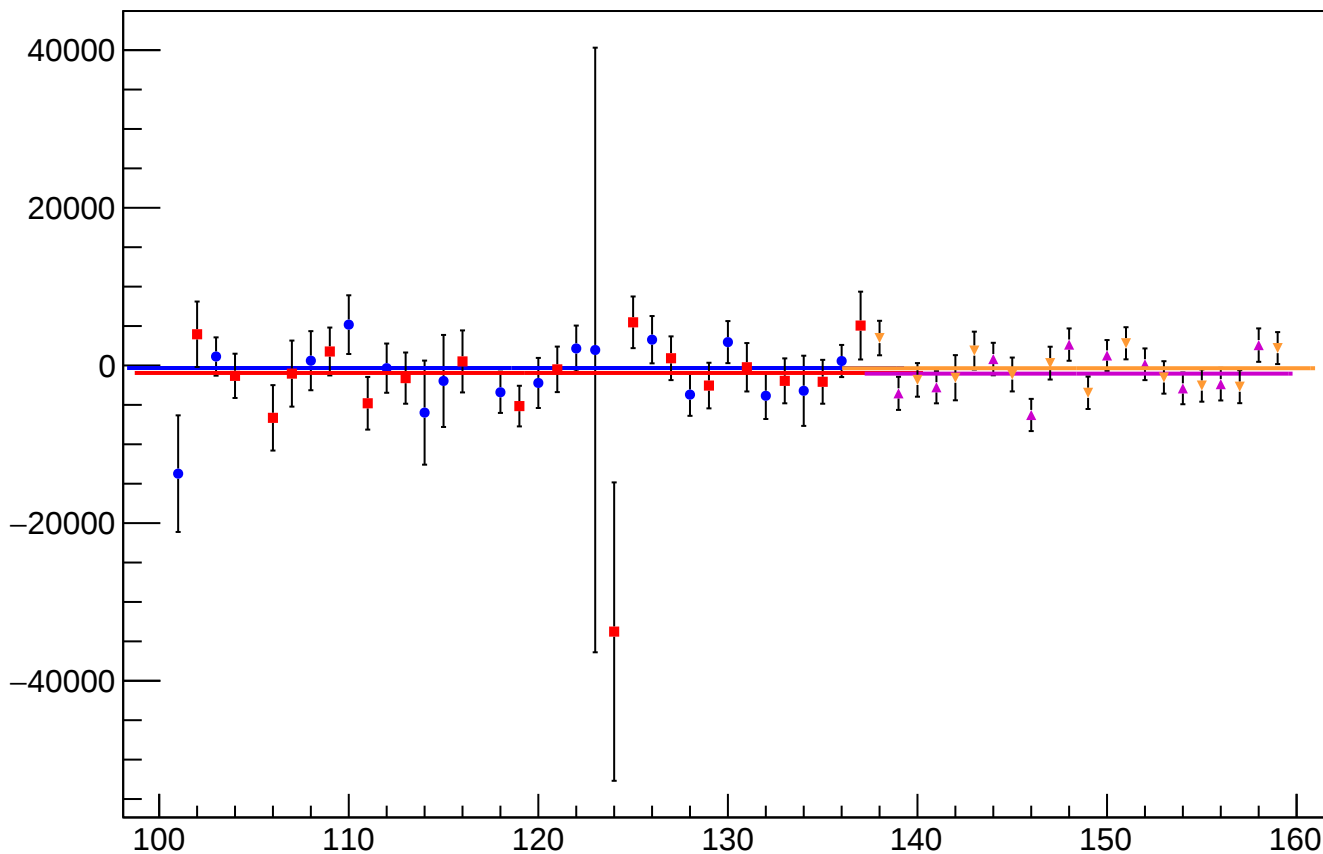
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

In: 2076.303 $\pm$ 0.386 χ^2 /NDF:831504.6/26

Out: 2098.719 $\pm$ 0.376 χ^2 /NDF:882779.0/29

All: 2087.794 $\pm$ 0.269 χ^2 /NDF: 1716013.4/56

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -351.063+/-620.593 χ^2/NDF :13.9/11

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

Left In: -1038.119+/-646.462 χ^2/NDF :18.7/9

Left: -680.569+/-447.692 χ^2/NDF : 33.1/21

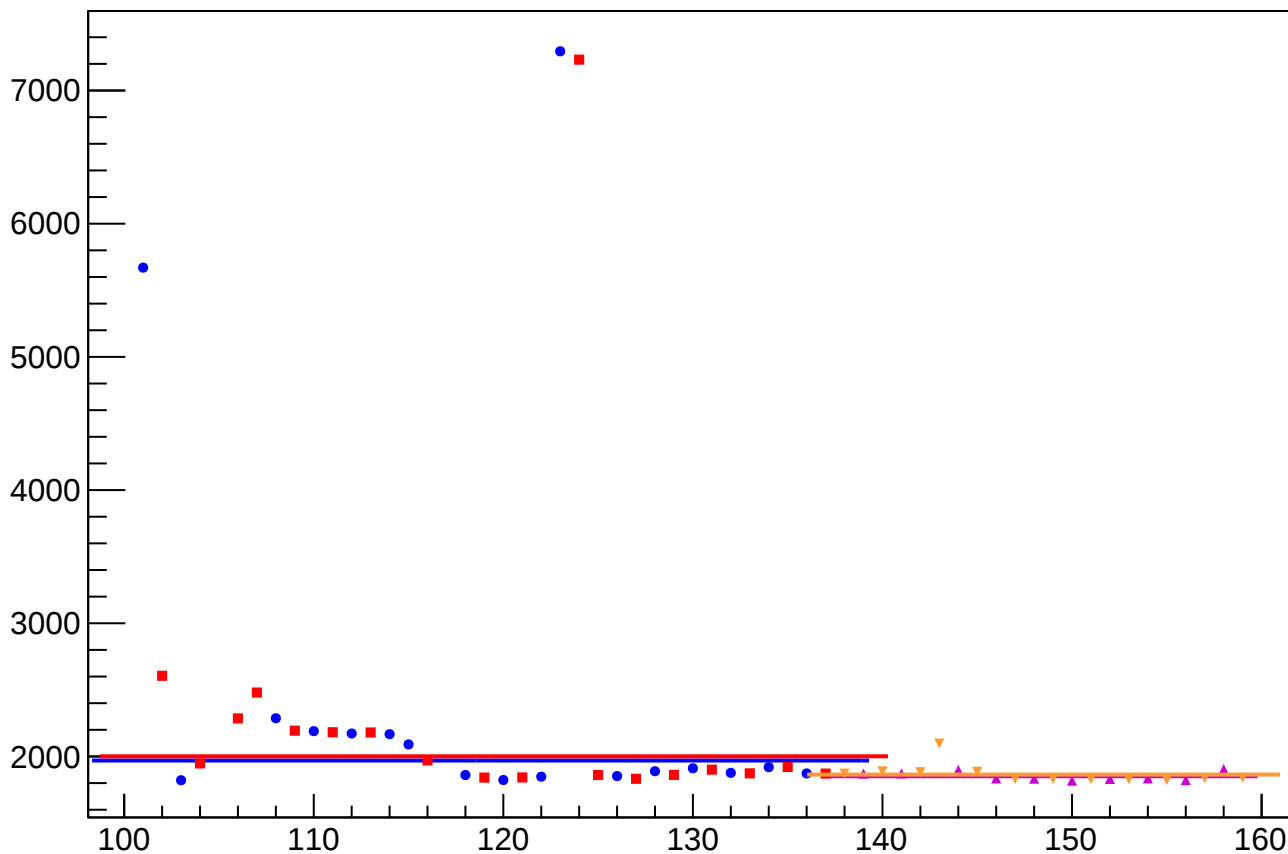
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

In: -747.007+/-497.607 χ^2/NDF :34.9/26

Out: -587.322+/-483.263 χ^2/NDF :32.4/29

All: -664.830+/-346.679 χ^2/NDF : 67.4/56

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1863.873+/-0.439 χ^2/NDF : 22941.1/11

Right Out: 2001.177+/-0.545 χ^2/NDF : 290624.5/17

Left In: 1851.473+/-0.457 χ^2/NDF : 4327.7/9

Left: 1857.926+/-0.317 χ^2/NDF : 27651.8/21

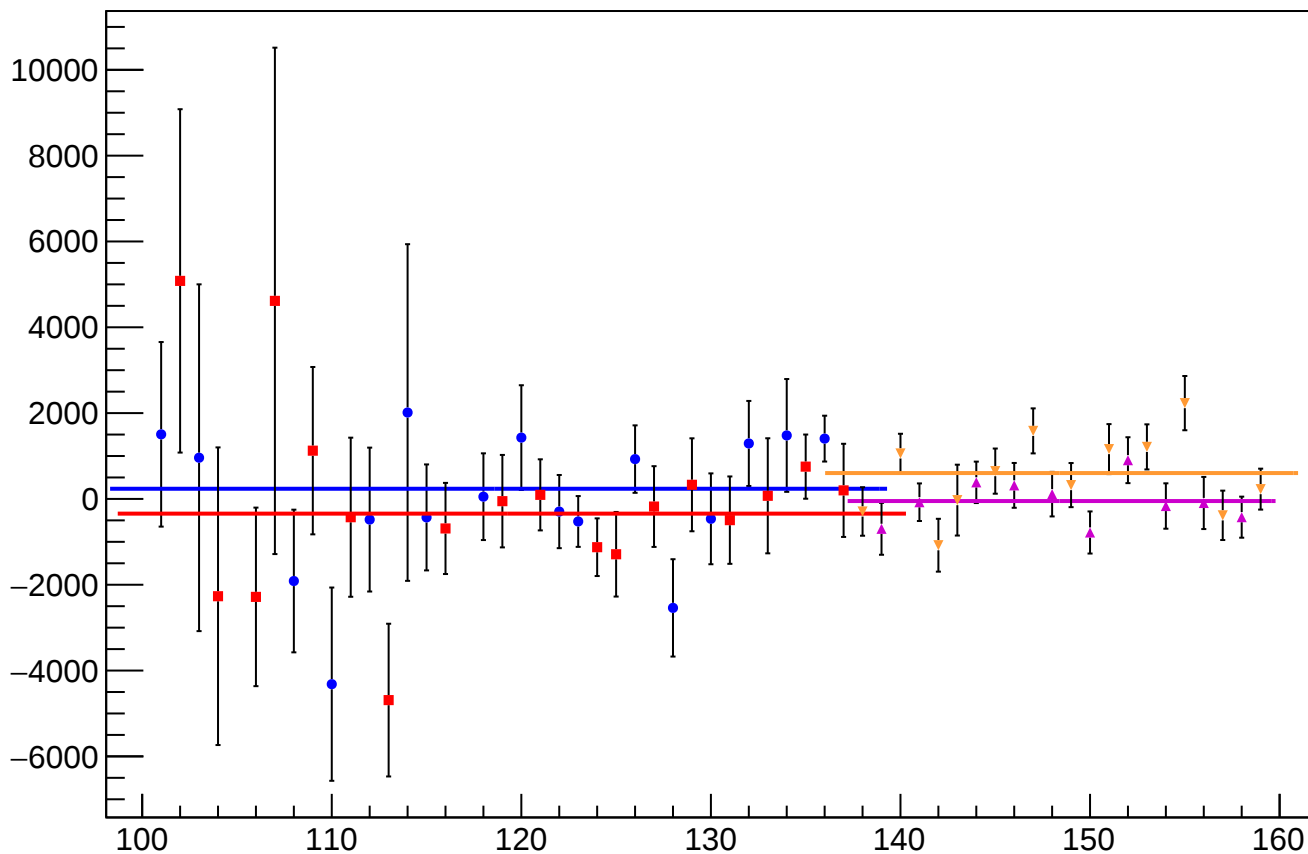
Right: 1985.524+/-0.387 χ^2/NDF : 895106.7/34

In: 1899.567+/-0.352 χ^2/NDF : 634302.3/26

Out: 1917.917+/-0.342 χ^2/NDF : 352100.3/29

All: 1909.010+/-0.245 χ^2/NDF : 987802.3/56

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 602.820 $\pm$ 159.075 χ^2/NDF : 27.8/11

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

Left In: -49.429 $\pm$ 162.404 χ^2/NDF : 8.6/9

Left: 283.448 $\pm$ 113.642 χ^2/NDF : 44.7/21

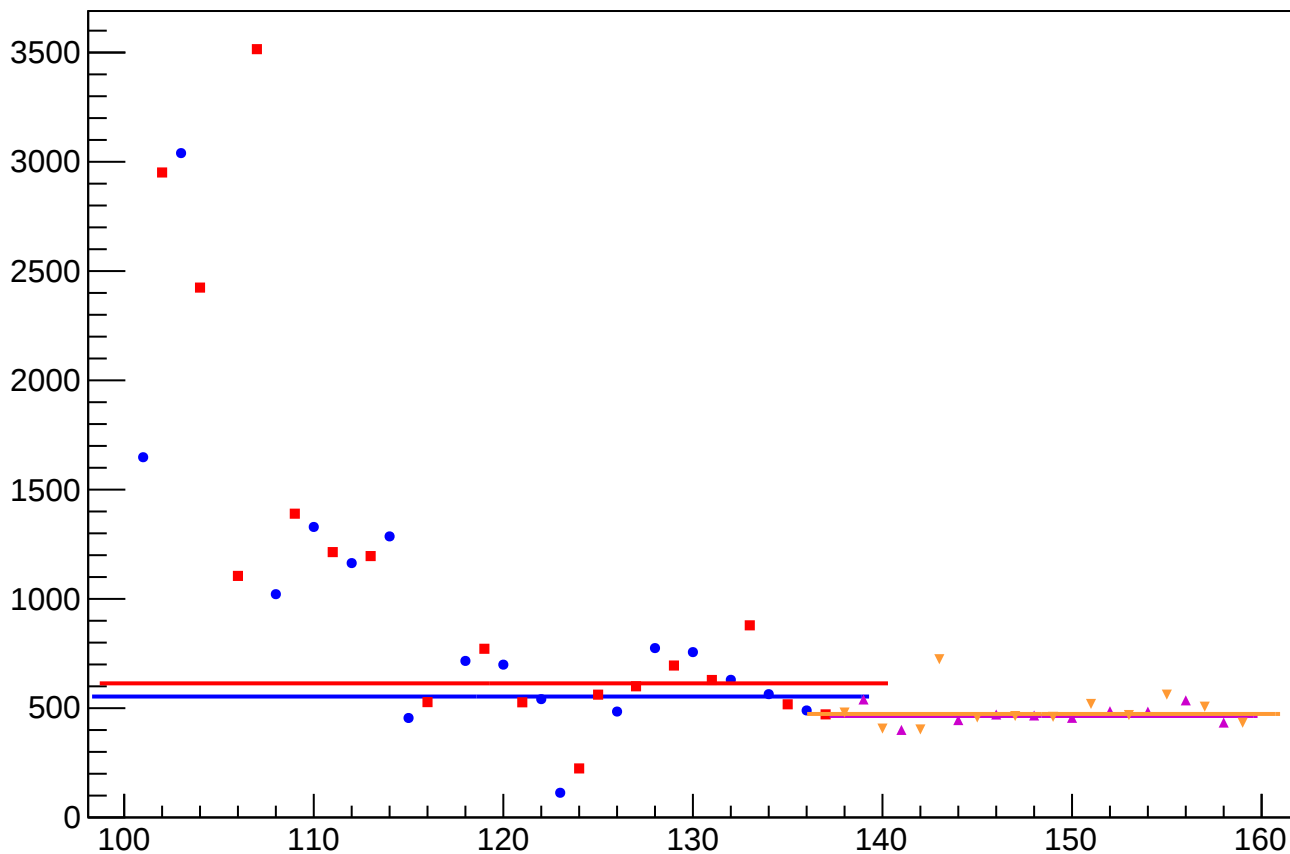
Right: -30.610 $\pm$ 182.443 χ^2/NDF : 42.3/34

In: 36.203 $\pm$ 135.963 χ^2/NDF : 33.4/26

Out: 357.247 $\pm$ 136.869 χ^2/NDF : 52.9/29

All: 195.659 $\pm$ 96.459 χ^2/NDF : 89.1/56

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 473.573+/-0.112 χ^2/NDF : 329941.4/11

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

Left In: 464.359+/-0.115 χ^2/NDF : 119259.0/9

Left: 469.061+/-0.080 χ^2/NDF : 452485.9/21

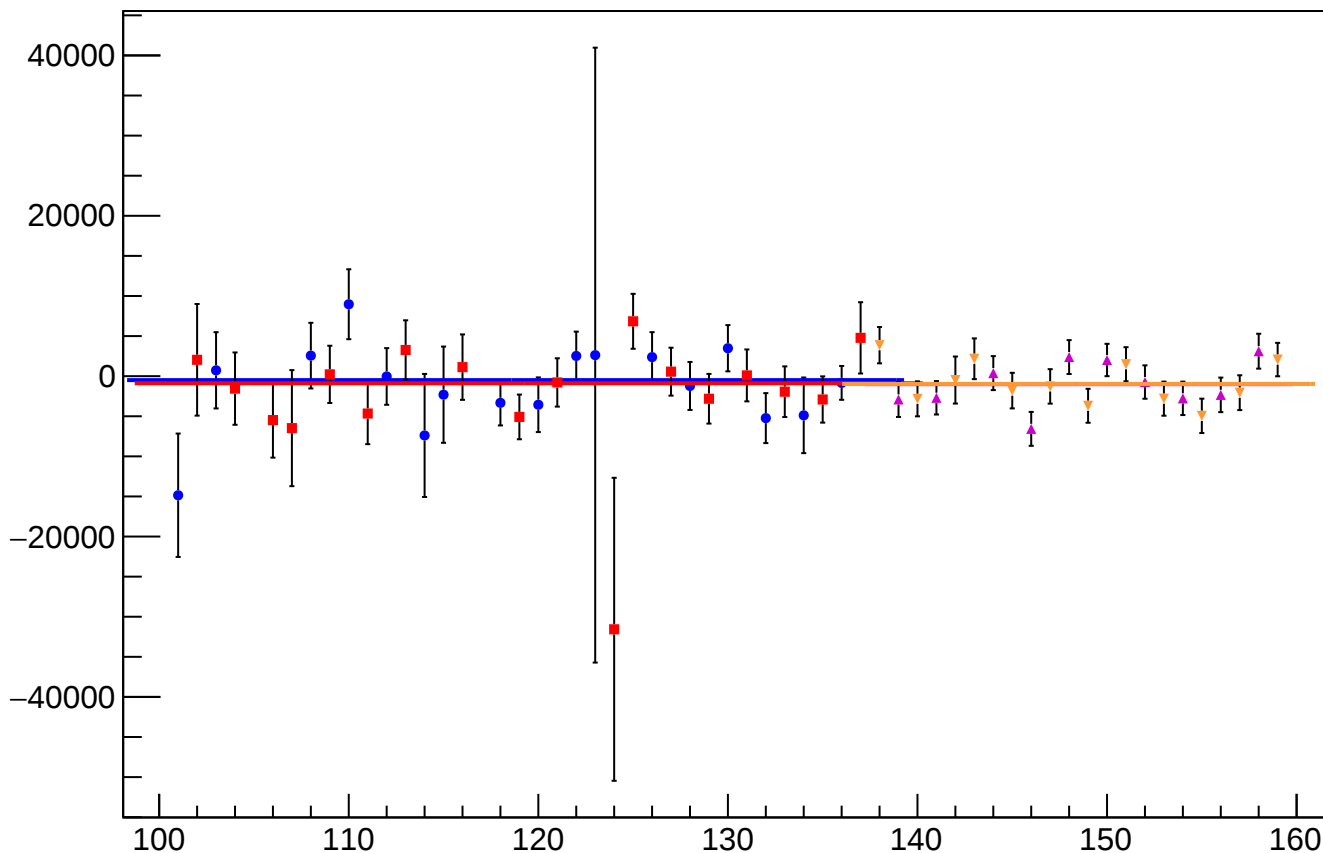
Right: 581.103+/-0.129 χ^2/NDF : 6943410.9/34

In: 490.956+/-0.096 χ^2/NDF : 3711346.5/26

Out: 509.931+/-0.097 χ^2/NDF : 4208638.8/29

All: 500.380+/-0.068 χ^2/NDF : 7939334.3/56

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -969.897+/-642.599 χ^2/NDF : 16.6/11

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

Left In: -995.688+/-667.590 χ^2/NDF : 18.3/9

Left: -982.301+/-462.969 χ^2/NDF : 34.9/21

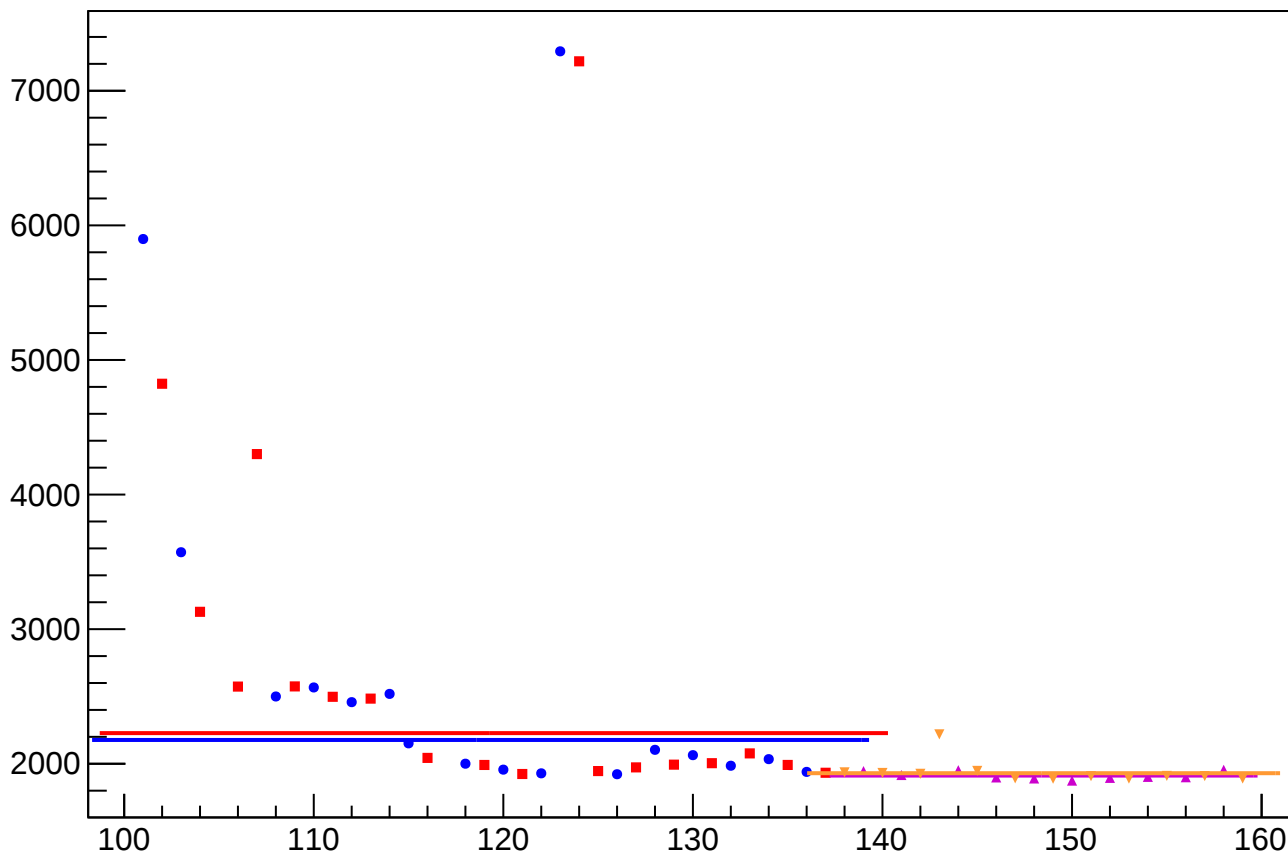
Right: -688.036+/-614.167 χ^2/NDF : 35.9/34

In: -808.454+/-529.175 χ^2/NDF : 37.1/26

Out: -939.769+/-516.709 χ^2/NDF : 33.8/29

All: -875.676+/-369.697 χ^2/NDF : 70.9/56

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1929.878 $\pm$ 0.454 χ^2 /NDF: 29376.9/11

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

Left In: 1912.279 $\pm$ 0.472 χ^2 /NDF: 3197.5/9

Left: 1921.414 $\pm$ 0.327 χ^2 /NDF: 33295.7/21

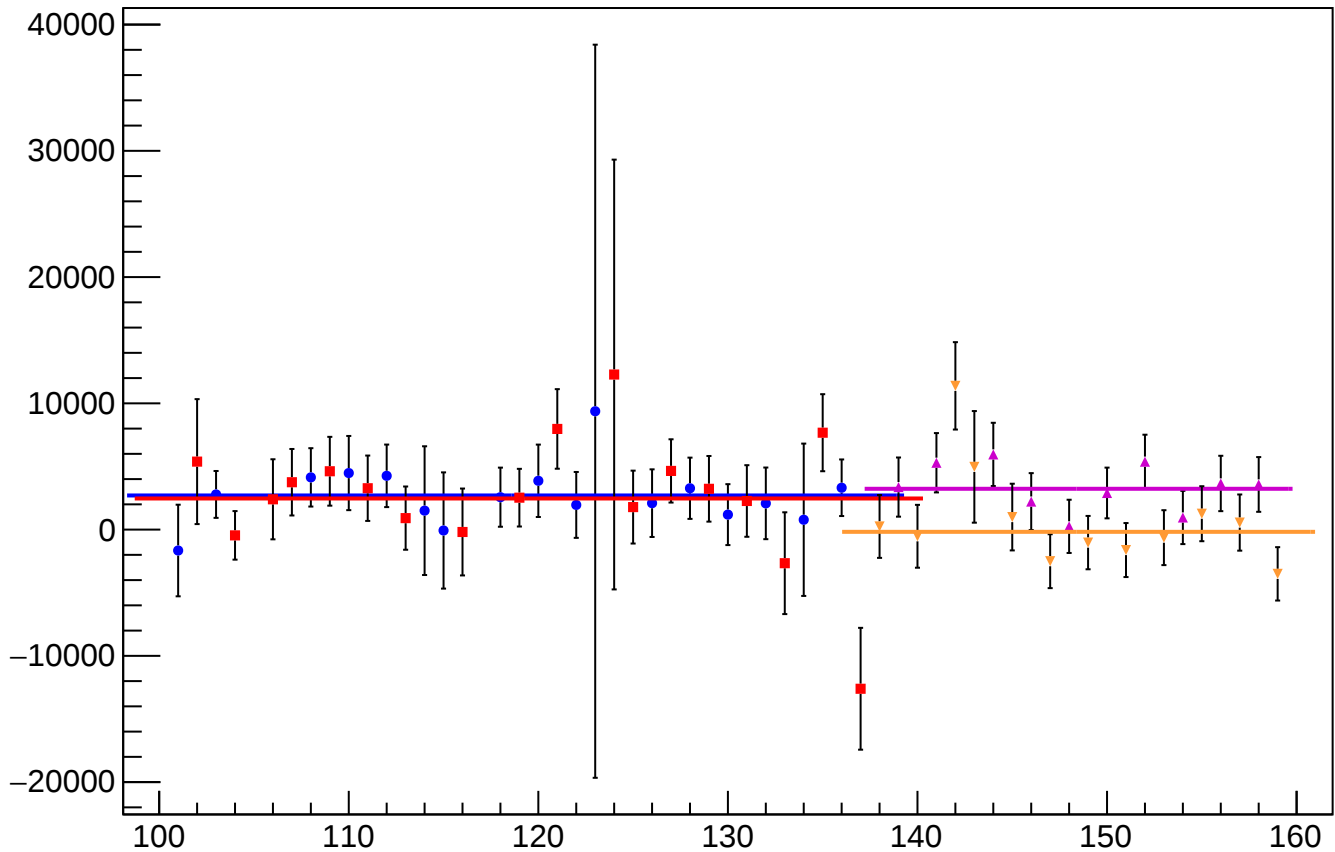
Right: 2202.183 $\pm$ 0.434 χ^2 /NDF: 1631783.3/34

In: 2010.577 $\pm$ 0.374 χ^2 /NDF: 922536.1/26

Out: 2035.135 $\pm$ 0.365 χ^2 /NDF: 1006867.1/29

All: 2023.149 $\pm$ 0.261 χ^2 /NDF: 1931608.2/56

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -176.810 $\pm$ 688.269 χ^2/NDF : 17.6/11

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

Left In: 3232.625 $\pm$ 697.159 χ^2/NDF : 6.4/9

Left: 1506.030 $\pm$ 489.793 χ^2/NDF : 36.2/21

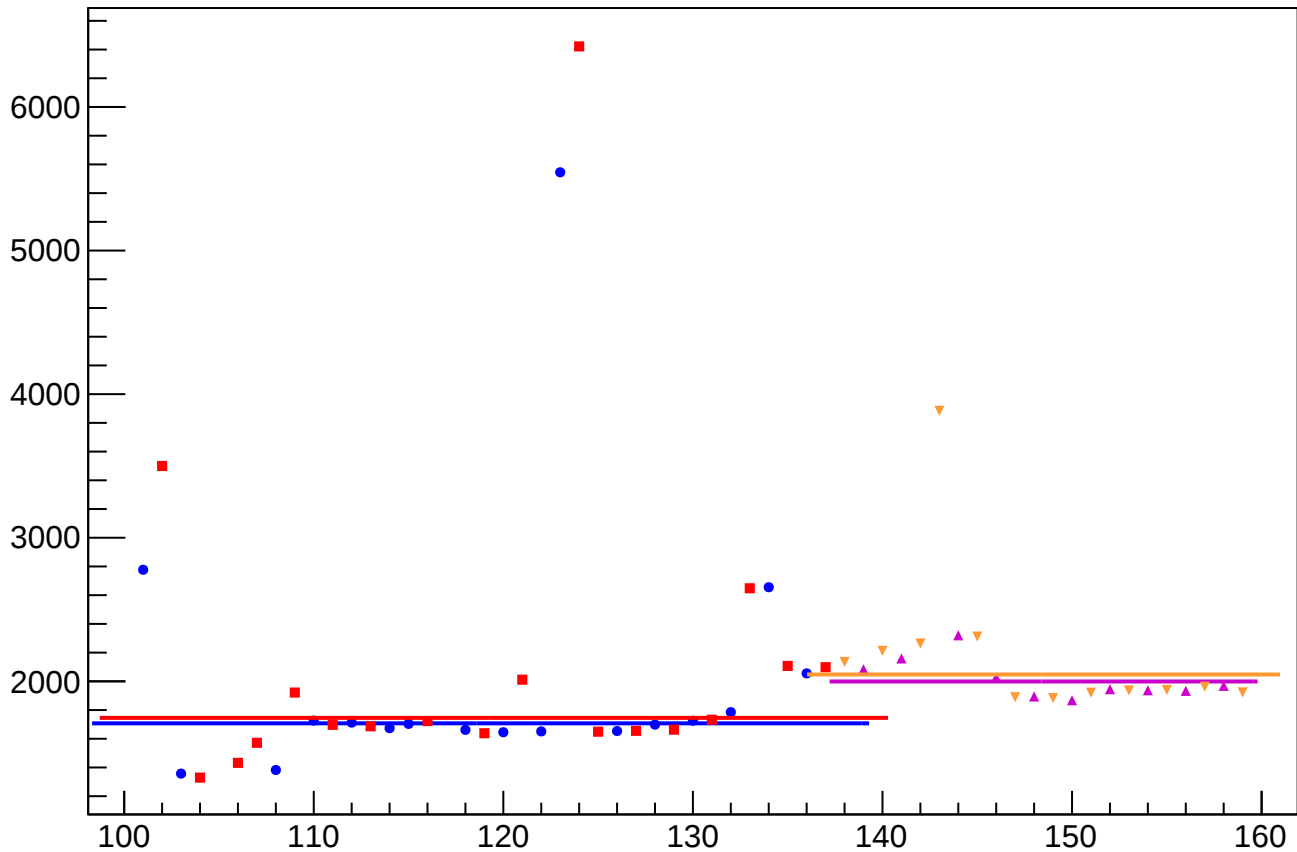
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

In: 2959.092 $\pm$ 484.533 χ^2/NDF : 10.7/26

Out: 1153.502 $\pm$ 484.905 χ^2/NDF : 48.2/29

All: 2056.990 $\pm$ 342.748 χ^2/NDF : 65.9/56

dit_asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 2047.587 ± 0.487 $\chi^2/\text{NDF}: 434323.5/11$

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

Left In: 1998.945 ± 0.493 $\chi^2/\text{NDF}: 63772.6/9$

Left: 2023.578 ± 0.346 $\chi^2/\text{NDF}: 503026.5/21$

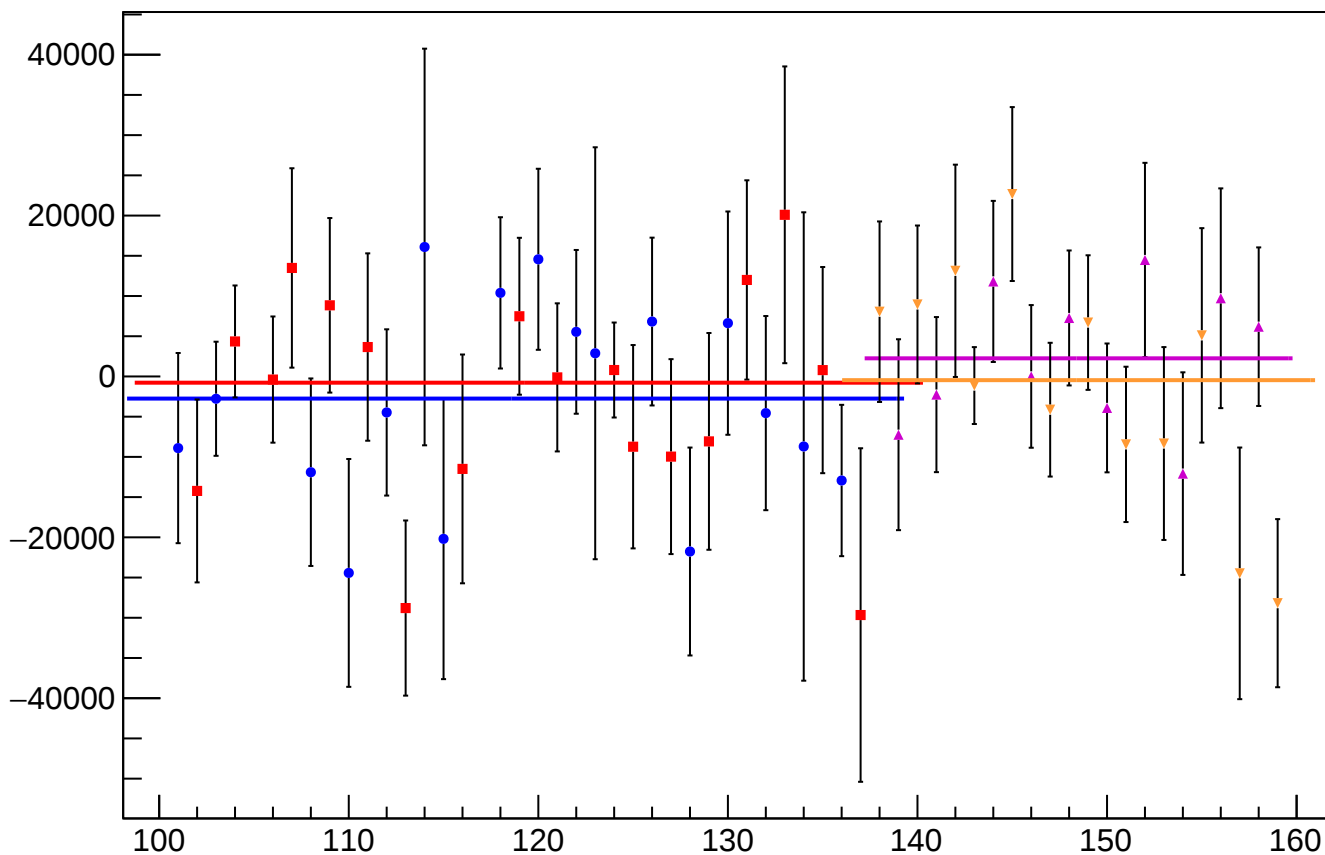
Right: 1726.210 ± 0.339 $\chi^2/\text{NDF}: 1124571.0/34$

In: 1848.220 ± 0.343 $\chi^2/\text{NDF}: 666772.0/26$

Out: 1895.428 ± 0.343 $\chi^2/\text{NDF}: 1327594.7/29$

All: 1871.809 ± 0.242 $\chi^2/\text{NDF}: 2003853.1/56$

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -460.966 $\pm$ 2656.482 χ^2 /NDF:18.8/11

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

Left In: 2253.044 $\pm$ 3175.599 χ^2 /NDF:5.6/9

Left: 656.362 $\pm$ 2037.560 χ^2 /NDF: 24.8/21

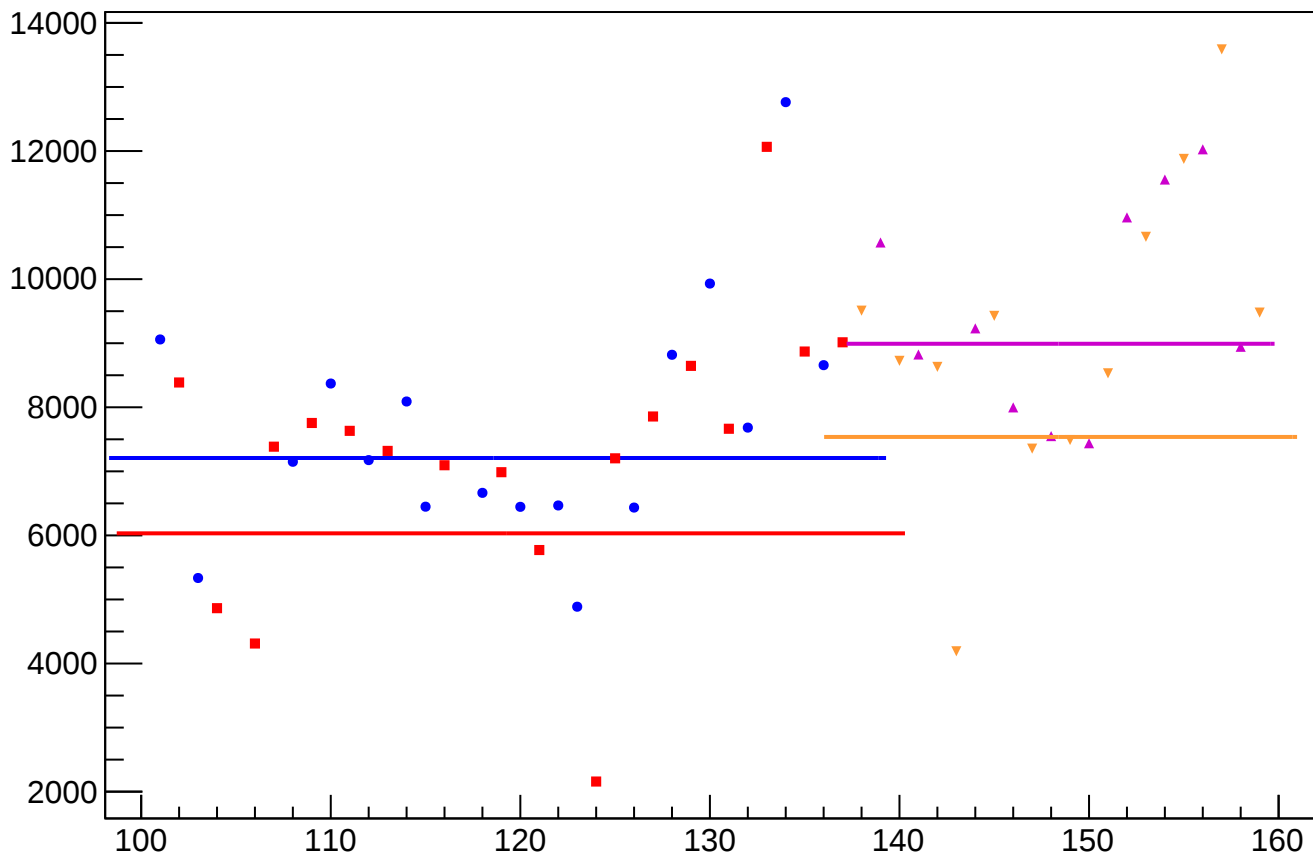
Right: -1613.491 $\pm$ 1851.753 χ^2 /NDF: 32.6/34

In: -525.038 $\pm$ 2117.918 χ^2 /NDF:21.5/26

Out: -631.205 $\pm$ 1797.322 χ^2 /NDF:36.5/29

All: -586.757 $\pm$ 1370.378 χ^2 /NDF: 58.0/56

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7536.970+/-1.878 χ^2/NDF : 1884218.5/11

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

Left In: 8991.427+/-2.245 χ^2/NDF : 431640.3/9

Left: 8135.754+/-1.441 χ^2/NDF : 2562682.9/21

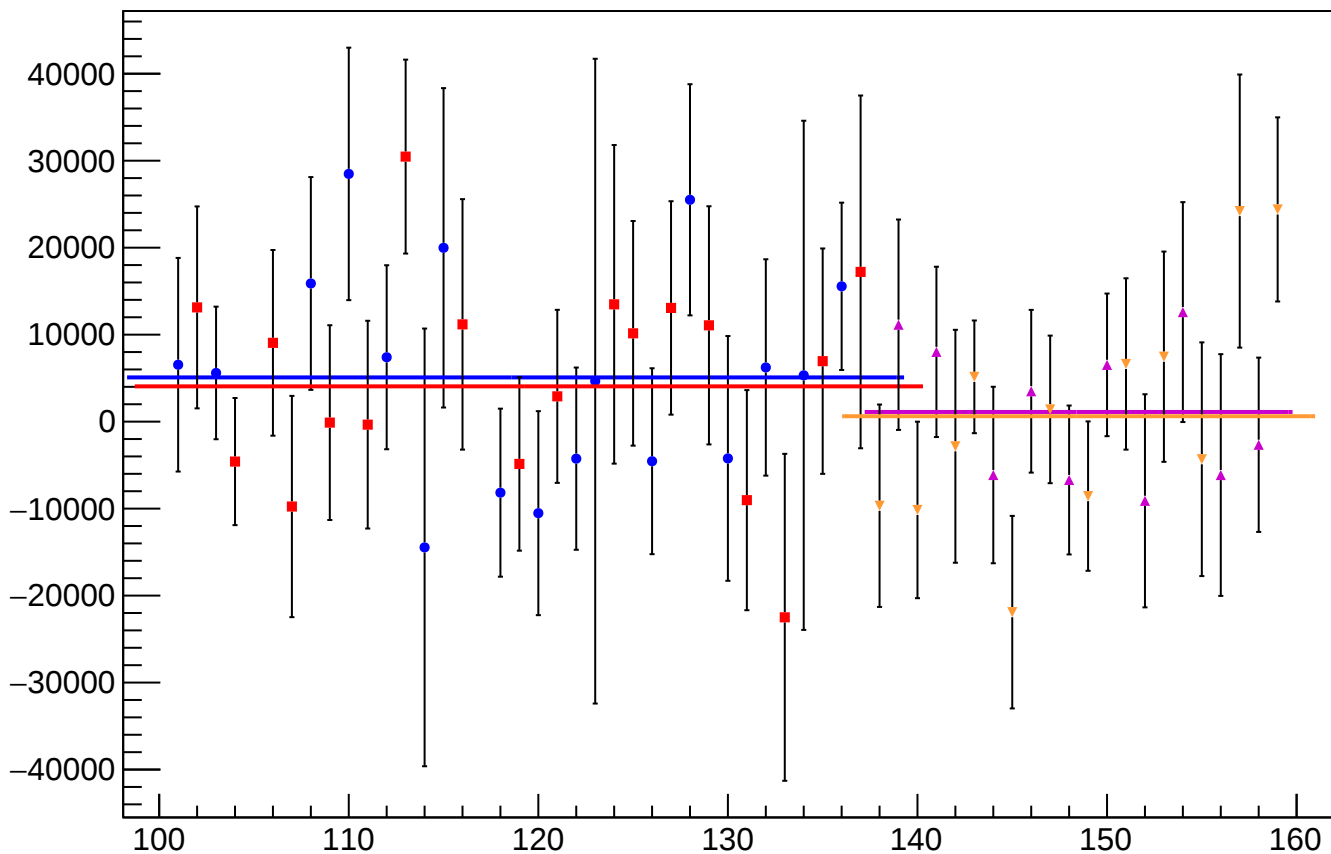
Right: 6531.375+/-1.309 χ^2/NDF : 2488415.8/34

In: 8001.464+/-1.498 χ^2/NDF : 1275471.4/26

Out: 6721.020+/-1.271 χ^2/NDF : 4029759.8/29

All: 7257.092+/-0.969 χ^2/NDF : 5730205.7/56

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 620.306+/-2913.691 χ^2/NDF : 15.9/11

Right Out: 4055.589+/-2800.076 χ^2/NDF : 15.2/17

Left In: 1111.051+/-3244.567 χ^2/NDF : 5.0/9

Left: 839.387+/-2167.861 χ^2/NDF : 20.9/21

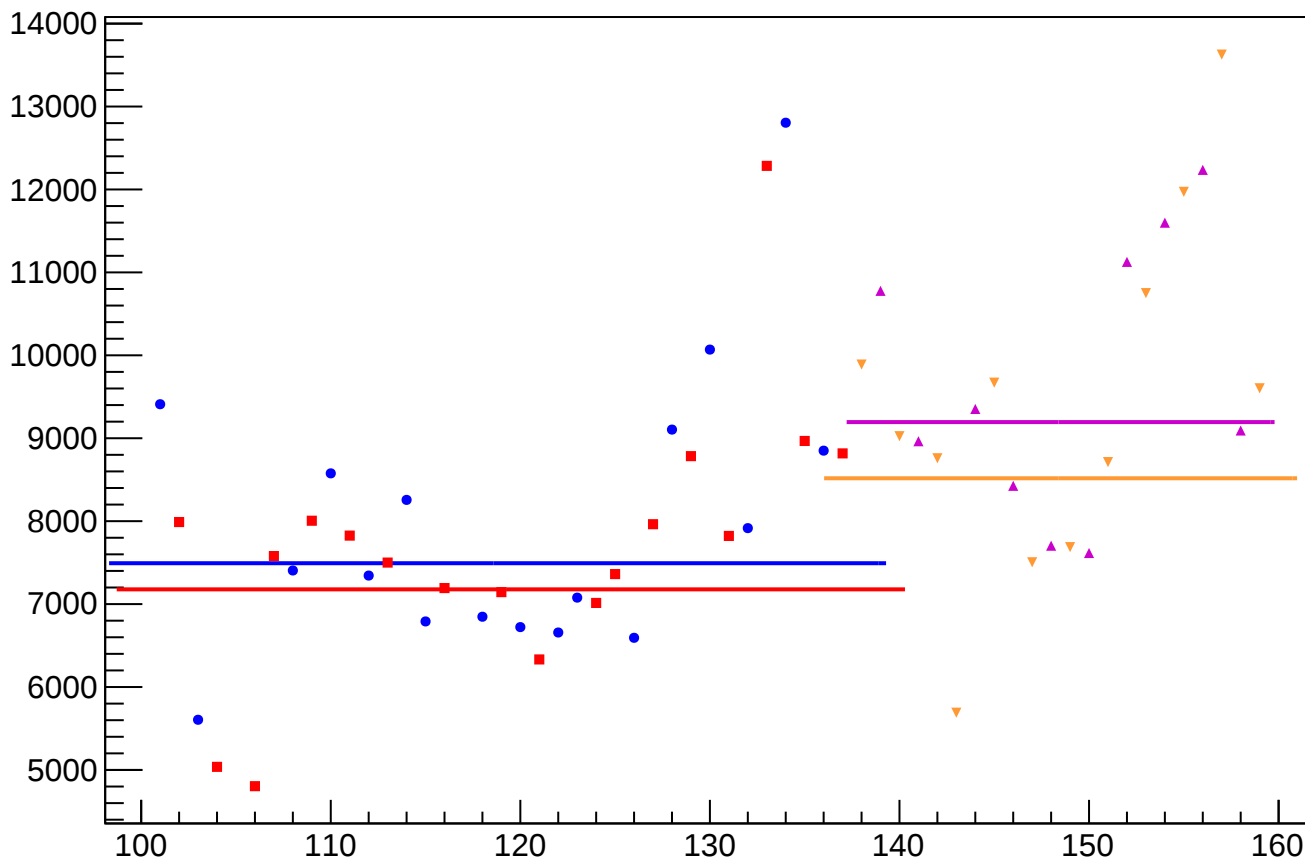
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

In: 3282.869+/-2184.813 χ^2/NDF : 19.7/26

Out: 2406.229+/-2018.924 χ^2/NDF : 31.8/29

All: 2810.009+/-1482.777 χ^2/NDF : 51.6/56

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8517.281+/-2.060 χ^2/NDF : 917176.2/11

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

Left In: 9194.840+/-2.294 χ^2/NDF : 402244.5/9

Left: 8819.761+/-1.533 χ^2/NDF : 1367702.8/21

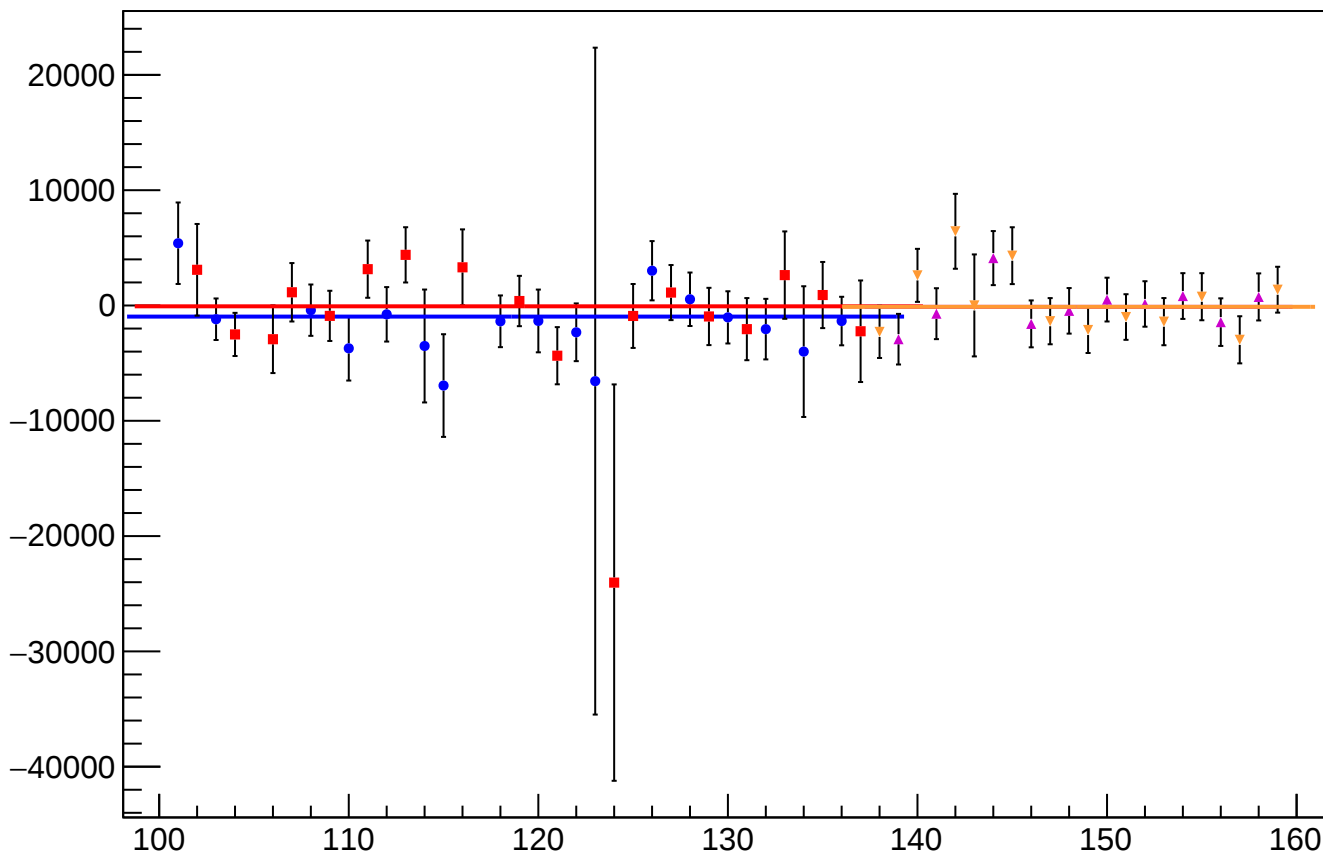
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

In: 8264.607+/-1.545 χ^2/NDF : 1140107.9/26

Out: 7820.835+/-1.427 χ^2/NDF : 1692845.8/29

All: 8025.225+/-1.048 χ^2/NDF : 2877464.6/56

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -114.569 $\pm$ 642.600 χ^2 /NDF:14.3/11

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

Left In: -120.524 $\pm$ 651.537 χ^2 /NDF:6.5/9

Left: -117.505 $\pm$ 457.514 χ^2 /NDF: 20.8/21

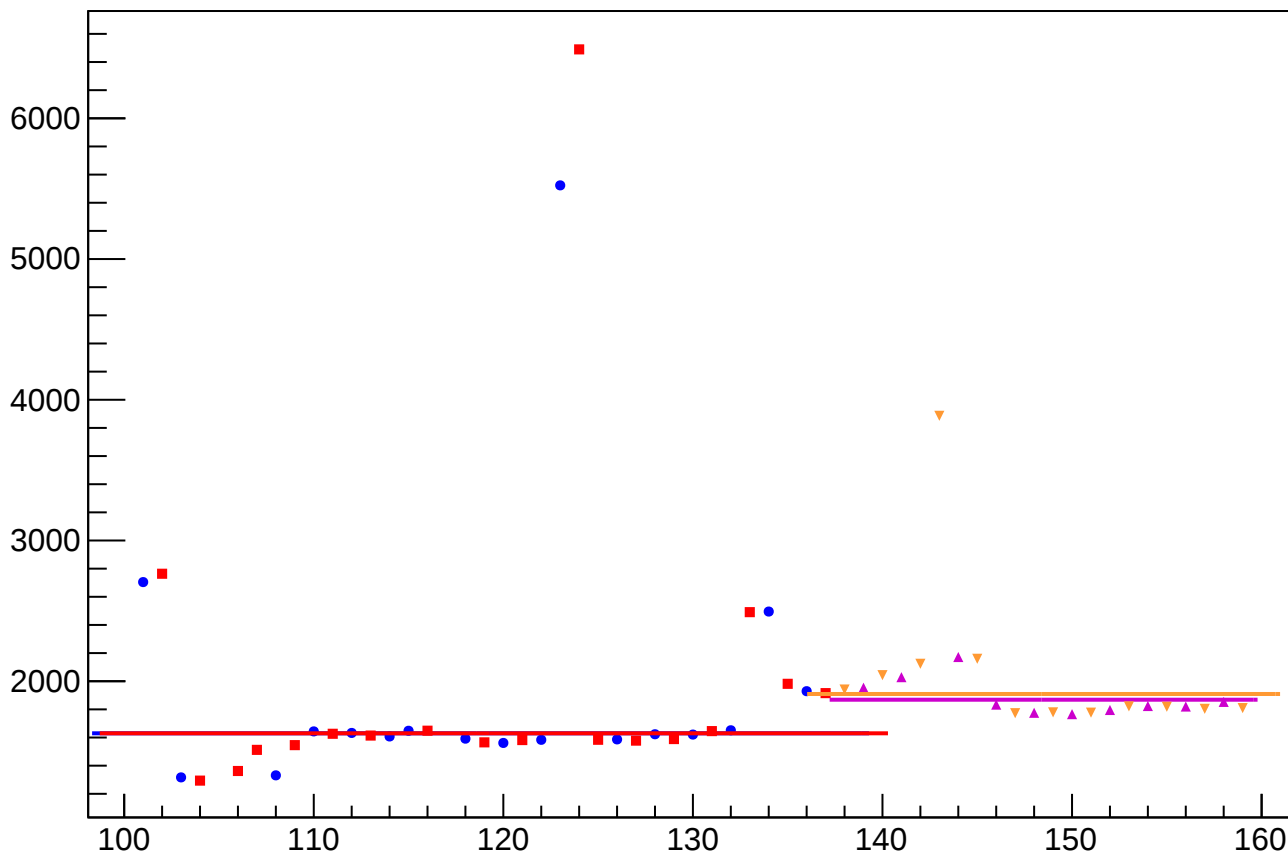
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

In: -547.069 $\pm$ 457.667 χ^2 /NDF:17.4/26

Out: -92.668 $\pm$ 451.469 χ^2 /NDF:31.0/29

All: -316.771 $\pm$ 321.406 χ^2 /NDF: 48.9/56

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1909.365+/-0.454 χ^2/NDF : 480933.2/11

Right Out: 1629.941+/-0.449 χ^2/NDF : 557457.4/17

Left In: 1868.630+/-0.461 χ^2/NDF : 62874.3/9

Left: 1889.279+/-0.324 χ^2/NDF : 547770.4/21

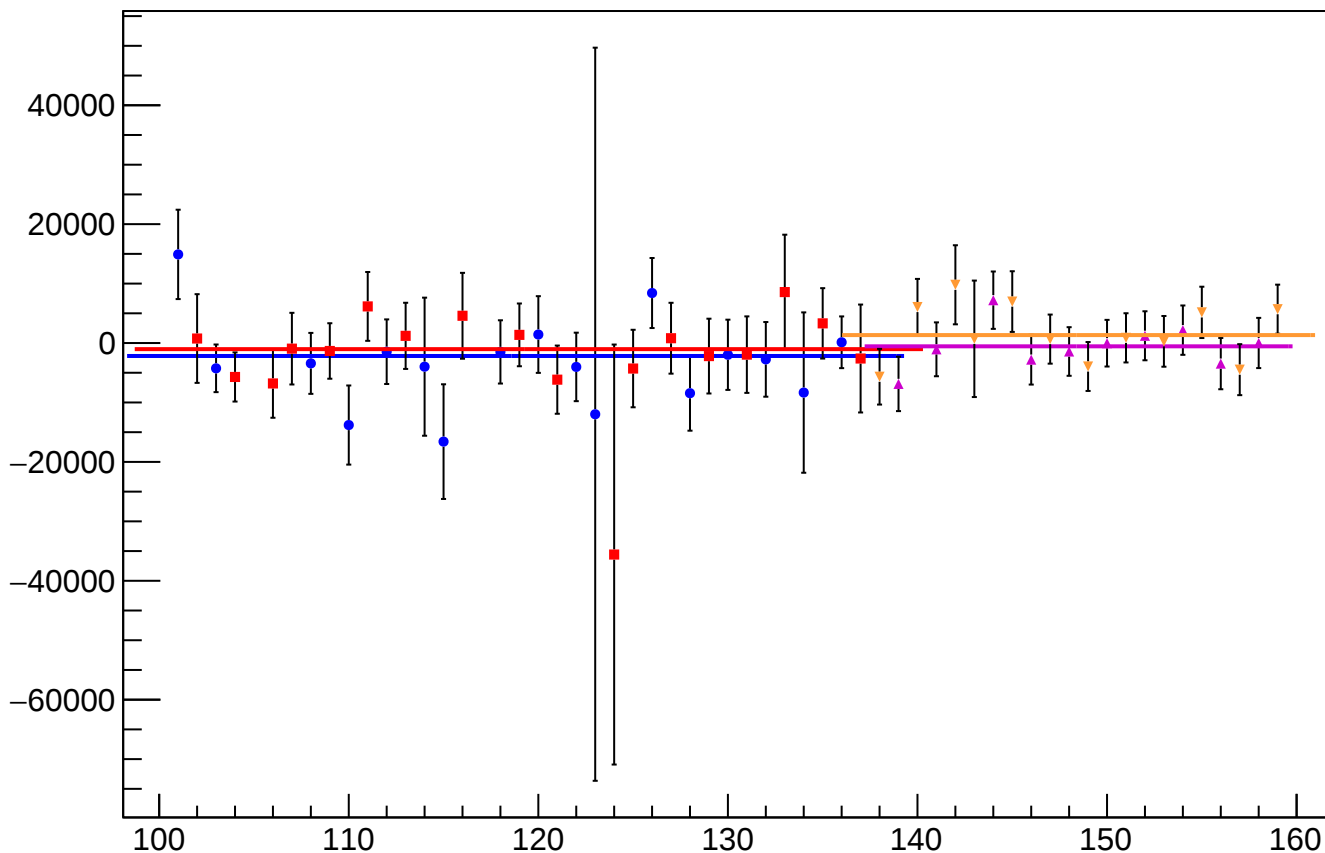
Right: 1629.948+/-0.319 χ^2/NDF : 965609.1/34

In: 1747.722+/-0.324 χ^2/NDF : 606986.8/26

Out: 1767.864+/-0.319 χ^2/NDF : 1229891.1/29

All: 1757.931+/-0.227 χ^2/NDF : 1838841.2/56

asym_at2_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 1336.917+/-1336.966 χ^2/NDF : 11.6/11

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

Left In: -553.692+/-1351.416 χ^2/NDF : 5.9/9

Left: 401.774+/-950.445 χ^2/NDF : 18.5/21

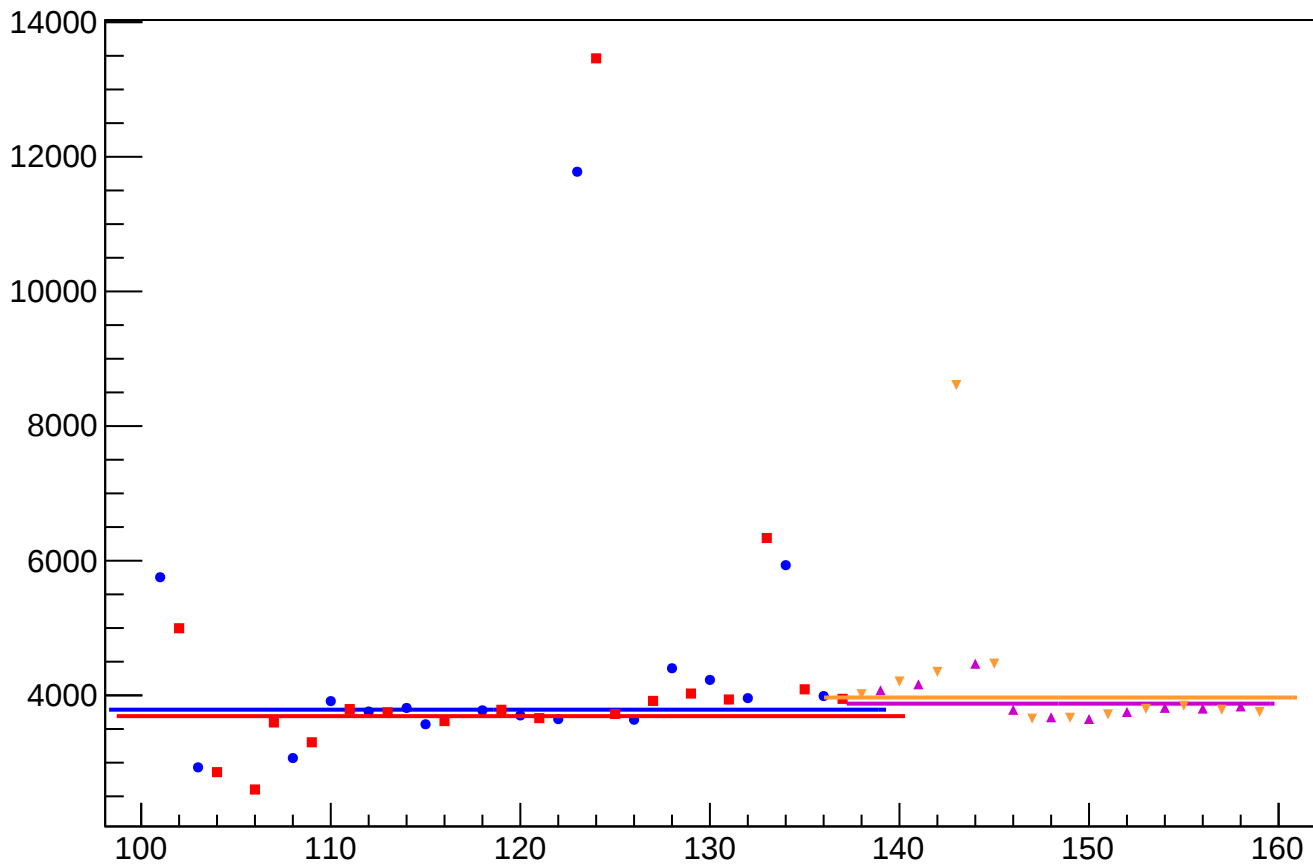
Right: -1583.224+/-1037.341 χ^2/NDF : 24.9/34

In: -1285.741+/-1001.929 χ^2/NDF : 22.6/26

Out: 244.451+/-980.513 χ^2/NDF : 21.6/29

All: -504.117+/-700.776 χ^2/NDF : 45.3/56

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3967.998+/-0.945 χ^2/NDF : 523286.4/11

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

Left In: 3876.599+/-0.956 χ^2/NDF : 57575.4/9

Left: 3922.790+/-0.672 χ^2/NDF : 585485.1/21

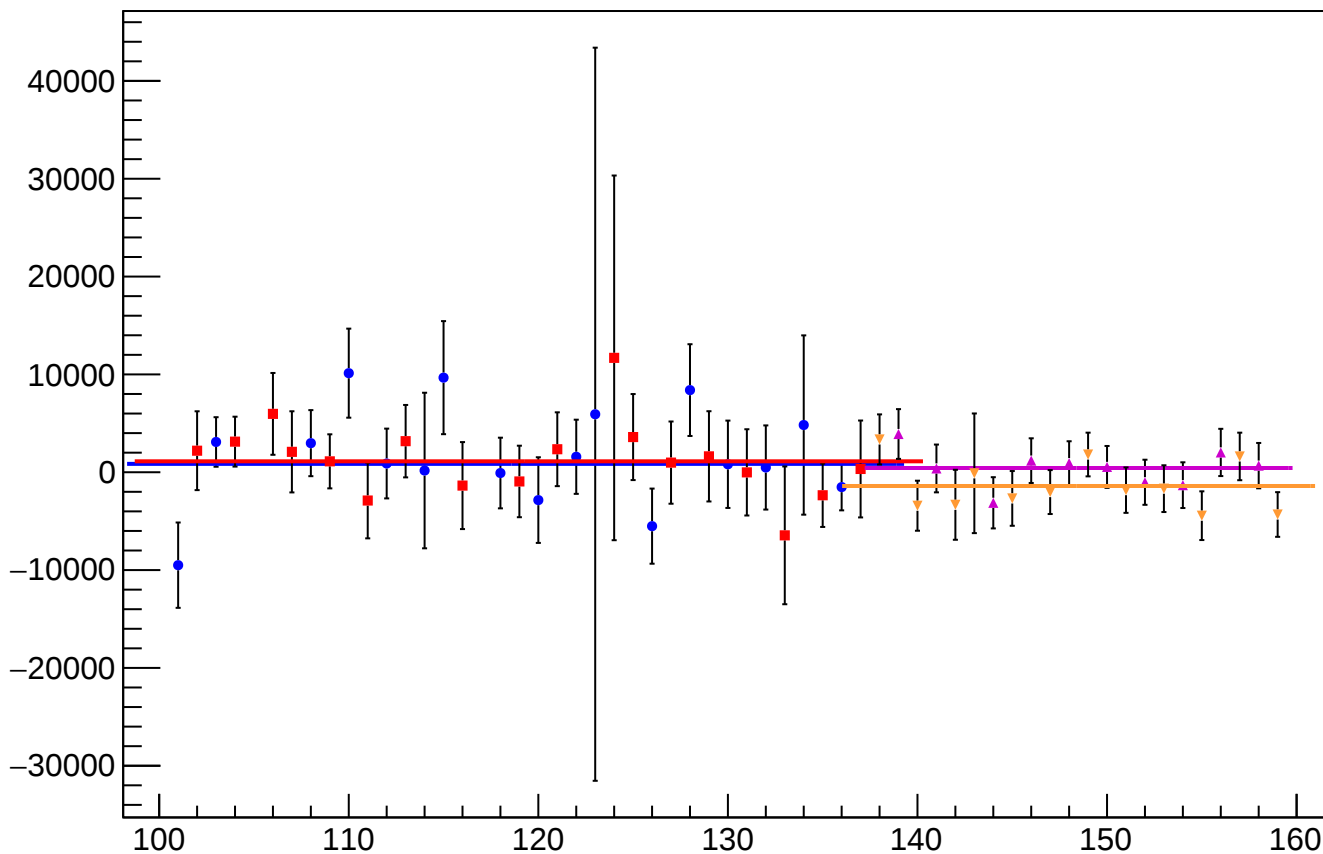
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

In: 3836.385+/-0.708 χ^2/NDF : 454158.7/26

Out: 3840.096+/-0.693 χ^2/NDF : 1118049.4/29

All: 3838.280+/-0.496 χ^2/NDF : 1572222.1/56

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1405.855 ± 741.119 χ^2/NDF : 11.5/11

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

Left In: 433.778 ± 743.831 χ^2/NDF : 5.3/9

Left: -489.398 ± 525.006 χ^2/NDF : 19.8/21

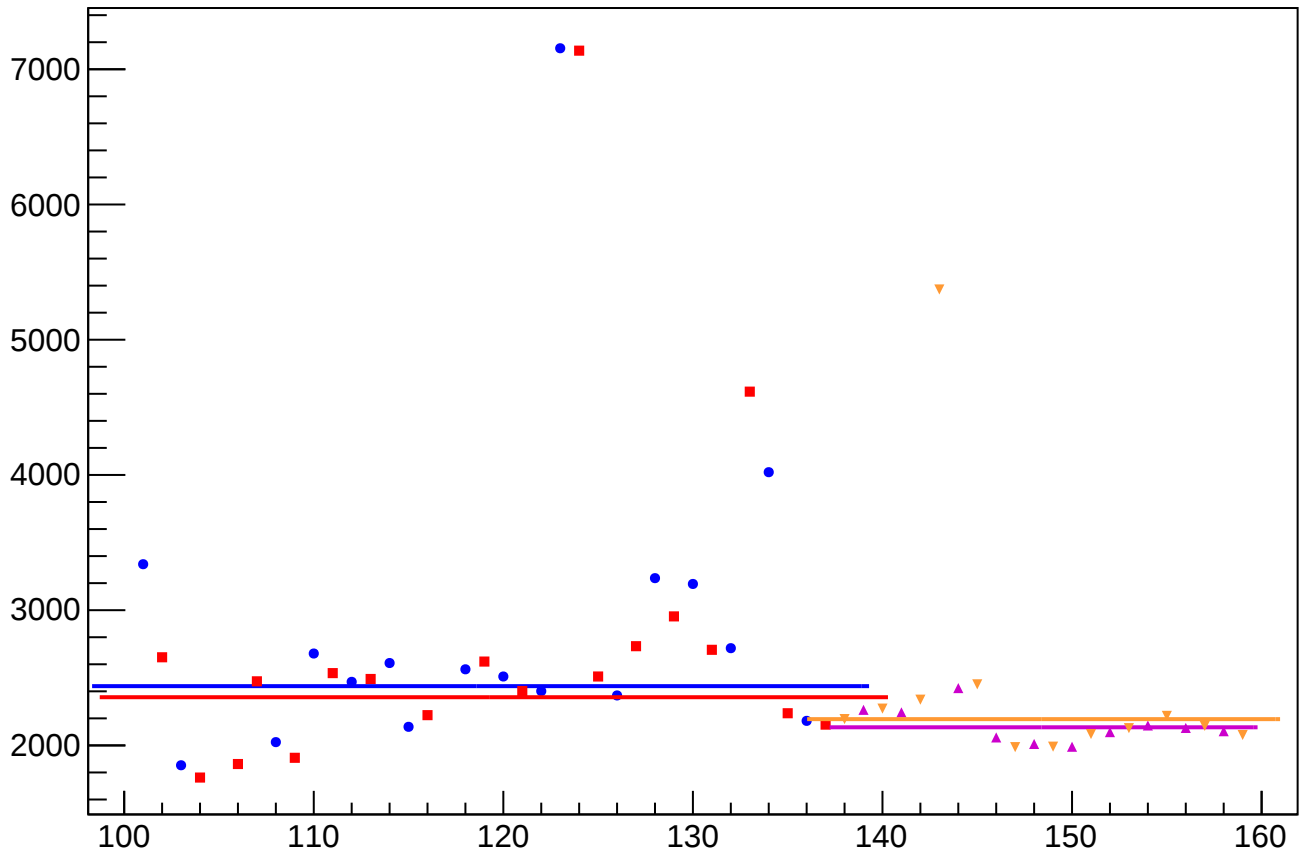
Right: 992.055 ± 668.506 χ^2/NDF : 28.0/34

In: 591.265 ± 589.070 χ^2/NDF : 26.1/26

Out: -422.142 ± 578.911 χ^2/NDF : 23.3/29

All: 75.747 ± 412.897 χ^2/NDF : 50.8/56

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2194.328+/-0.524 χ^2/NDF : 607852.1/11

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

Left In: 2134.004+/-0.526 χ^2/NDF : 51922.0/9

Left: 2164.276+/-0.371 χ^2/NDF : 666375.2/21

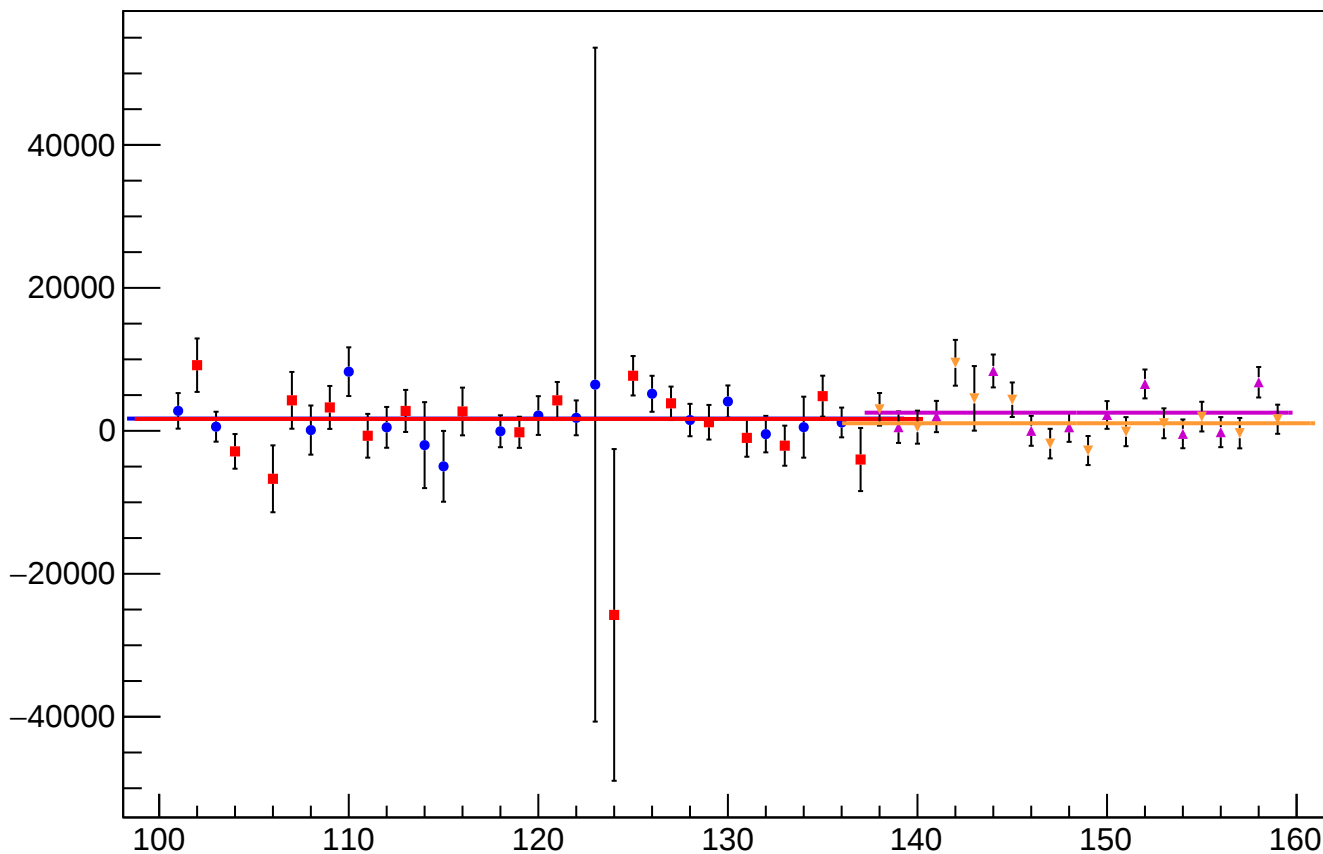
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

In: 2247.445+/-0.417 χ^2/NDF : 653416.9/26

Out: 2257.511+/-0.409 χ^2/NDF : 1274273.9/29

All: 2252.566+/-0.292 χ^2/NDF : 1927987.9/56

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1061.956+/-654.094 χ^2/NDF : 16.7/11

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

Left In: 2539.535+/-662.955 χ^2/NDF : 21.6/9

Left: 1790.805+/-465.615 χ^2/NDF : 40.8/21

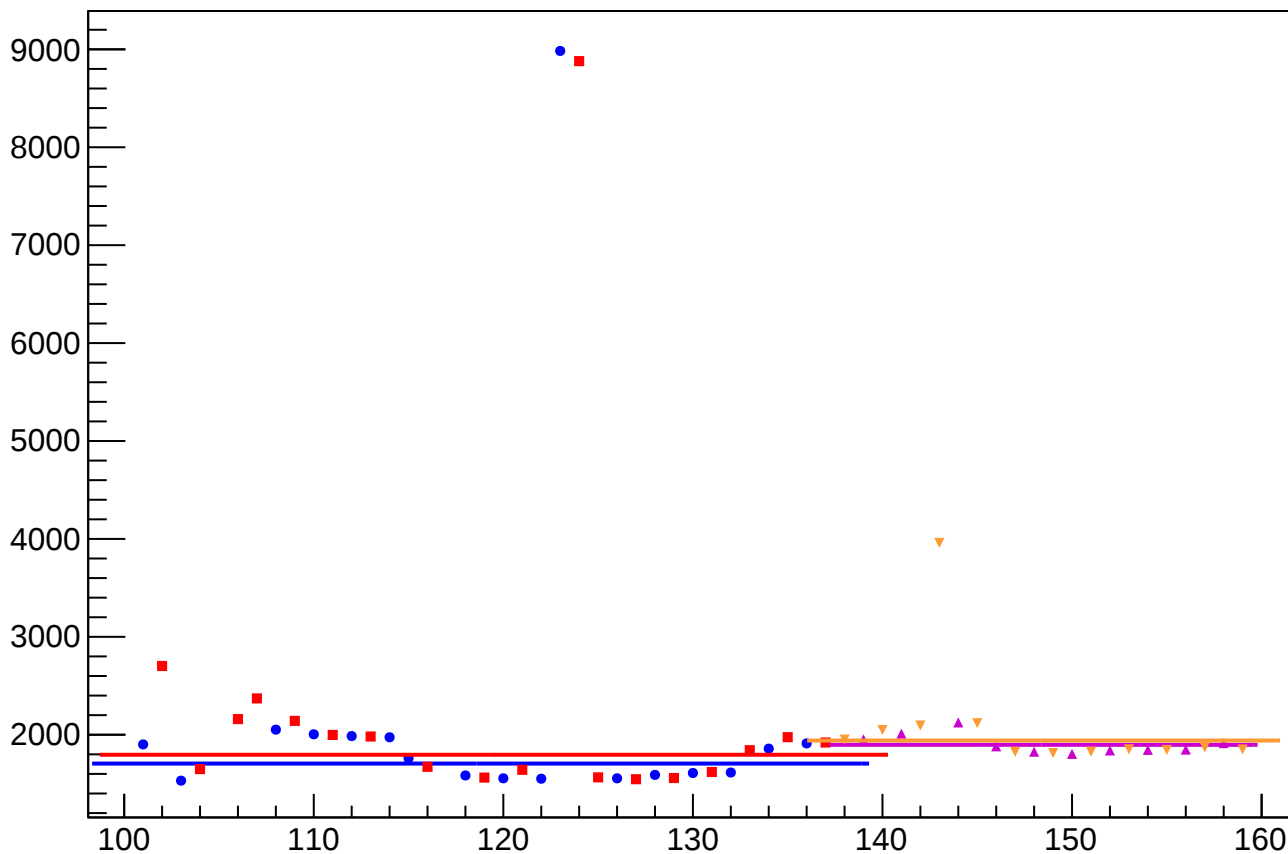
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

In: 2128.658+/-470.256 χ^2/NDF : 33.8/26

Out: 1345.080+/-476.545 χ^2/NDF : 43.9/29

All: 1742.074+/-334.722 χ^2/NDF : 79.0/56

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1940.969 $\pm$ 0.463 χ^2 /NDF: 453304.5/11

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

Left In: 1897.181 $\pm$ 0.469 χ^2 /NDF: 37734.3/9

Left: 1919.369 $\pm$ 0.329 χ^2 /NDF: 495460.1/21

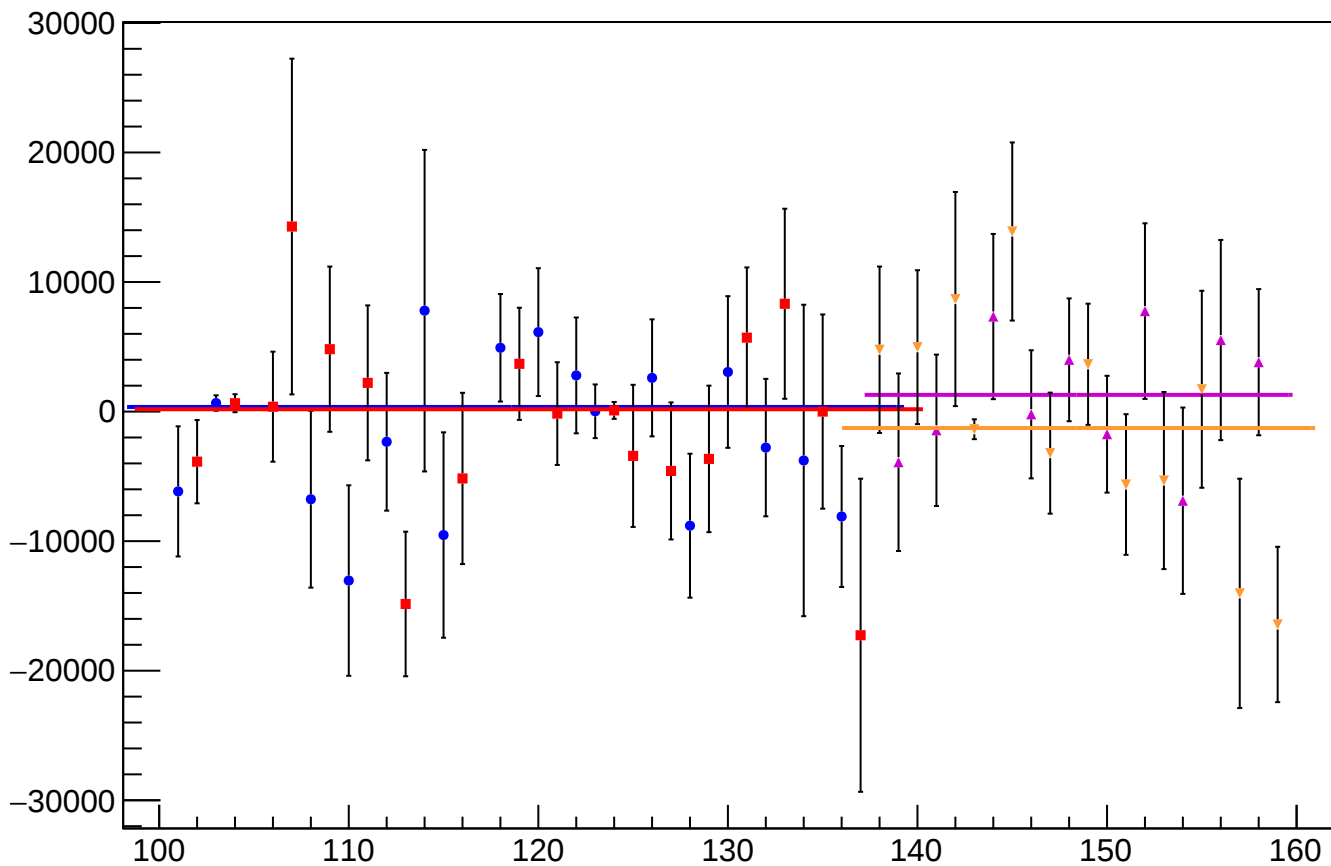
Right: 1748.814 $\pm$ 0.340 χ^2 /NDF: 730436.4/34

In: 1802.006 $\pm$ 0.333 χ^2 /NDF: 314870.6/26

Out: 1872.590 $\pm$ 0.337 χ^2 /NDF: 1018584.5/29

All: 1836.866 $\pm$ 0.237 χ^2 /NDF: 1355707.9/56

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1269.412 $\pm$ 707.637 χ^2 /NDF:19.2/11

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

Left In: 1291.268 $\pm$ 1828.484 χ^2 /NDF:5.3/9

Left: -935.846 $\pm$ 659.940 χ^2 /NDF: 26.2/21

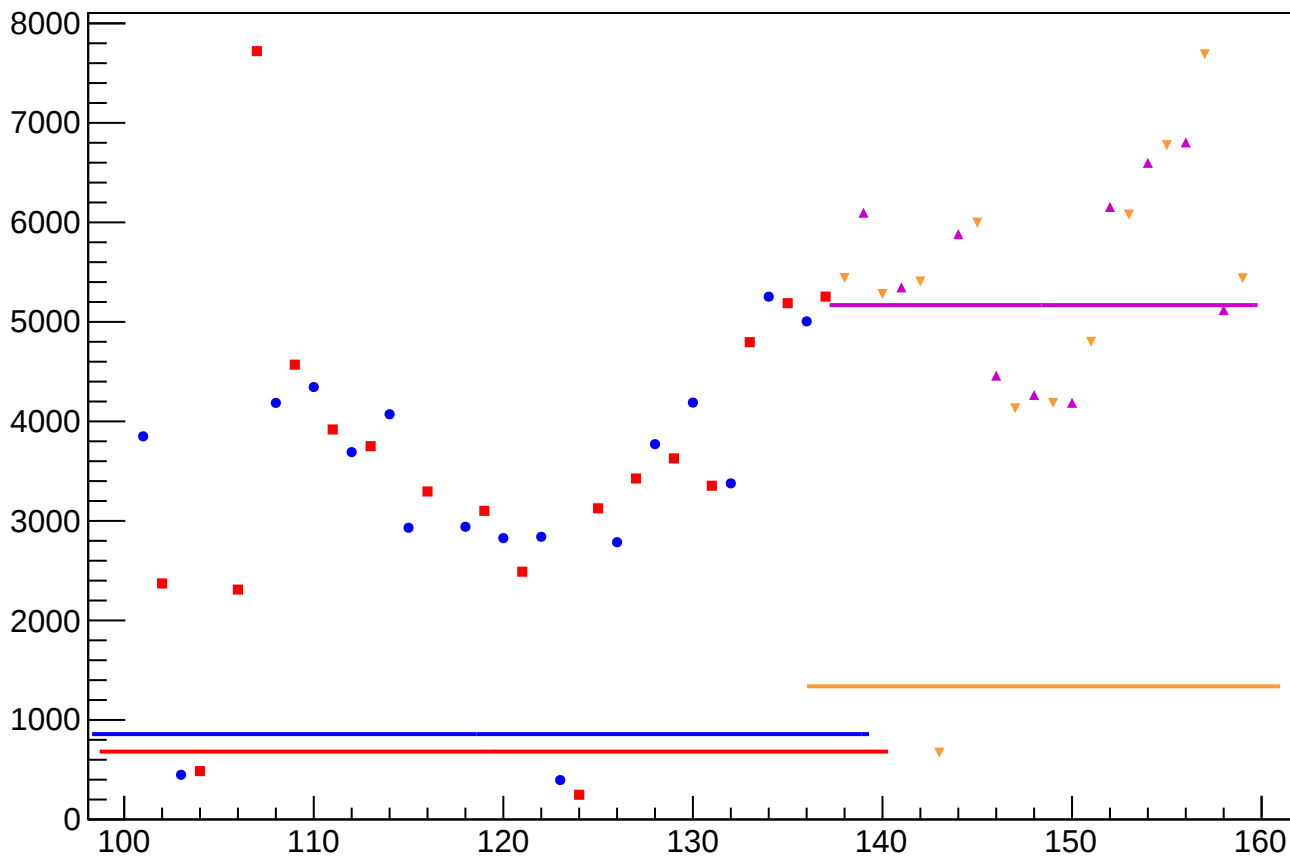
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

In: 430.244 $\pm$ 511.888 χ^2 /NDF:23.0/26

Out: -233.968 $\pm$ 377.913 χ^2 /NDF:40.7/29

All: 0.347 $\pm$ 304.033 χ^2 /NDF: 64.8/56

asym_atl_avg_correction_rms vs Slug, Sign Corrected



Right In: 857.472+/-0.377 χ^2/NDF : 8175260.6/16

Left Out: 1337.890+/-0.500 χ^2/NDF : 10837932.0/11

Right Out: 682.114+/-0.316 χ^2/NDF : 9378570.8/17

Left In: 5168.761+/-1.293 χ^2/NDF : 483333.6/9

Left: 1836.917+/-0.467 χ^2/NDF : 18956632.4/21

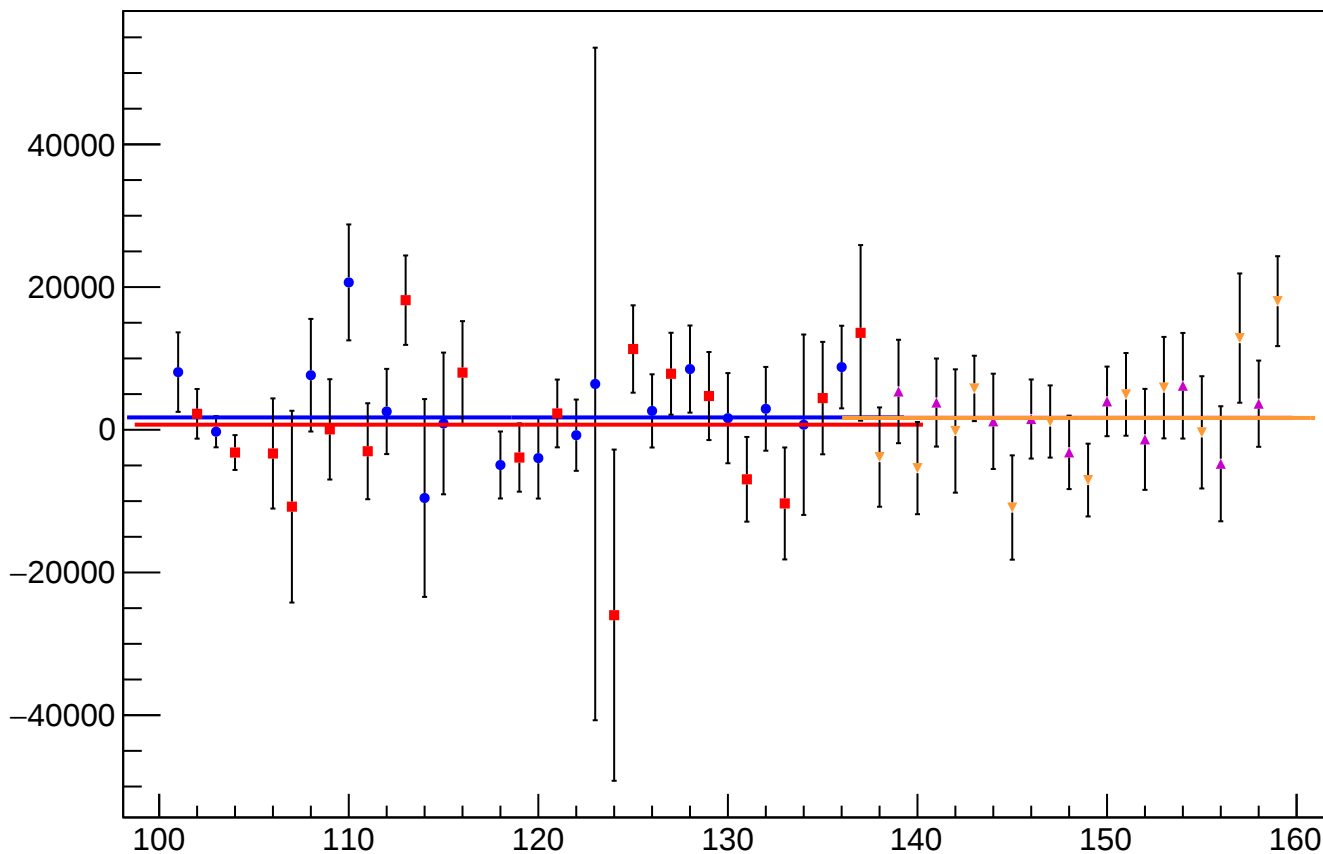
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

In: 1195.361+/-0.362 χ^2/NDF : 18906077.0/26

Out: 869.147+/-0.267 χ^2/NDF : 21444222.1/29

All: 984.226+/-0.215 χ^2/NDF : 40876005.3/56

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 1658.573+/-1810.998 χ^2/NDF : 17.6/11

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

Left In: 1678.196+/-1957.258 χ^2/NDF : 2.8/9

Left: 1667.624+/-1329.272 χ^2/NDF : 20.4/21

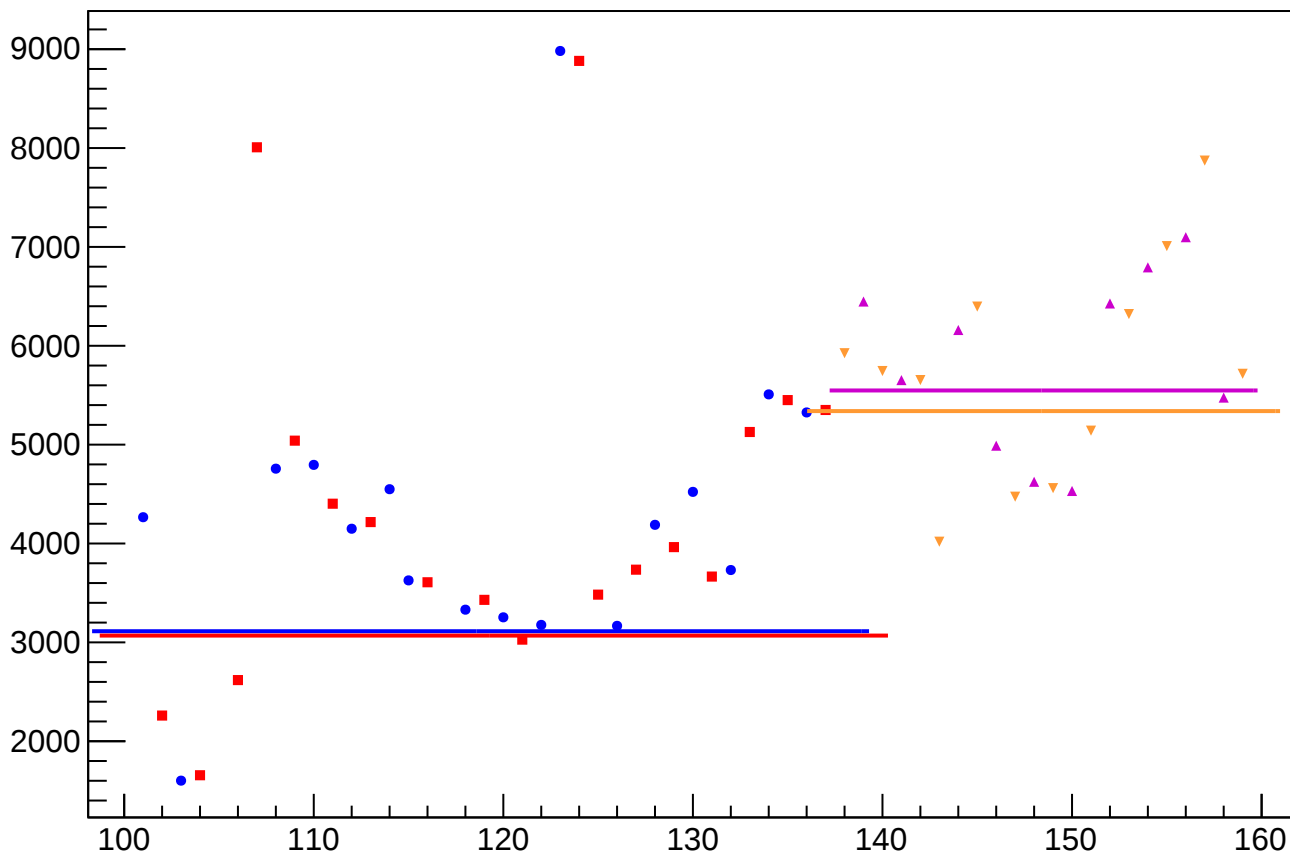
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

In: 1716.330+/-1085.558 χ^2/NDF : 17.7/26

Out: 1033.170+/-1051.072 χ^2/NDF : 42.9/29

All: 1363.727+/-755.117 χ^2/NDF : 60.8/56

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5339.363 $\pm$ 1.281 χ^2 /NDF: 631921.4/11

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

Left In: 5547.960 $\pm$ 1.384 χ^2 /NDF: 381485.6/9

Left: 5435.577 $\pm$ 0.940 χ^2 /NDF: 1025645.9/21

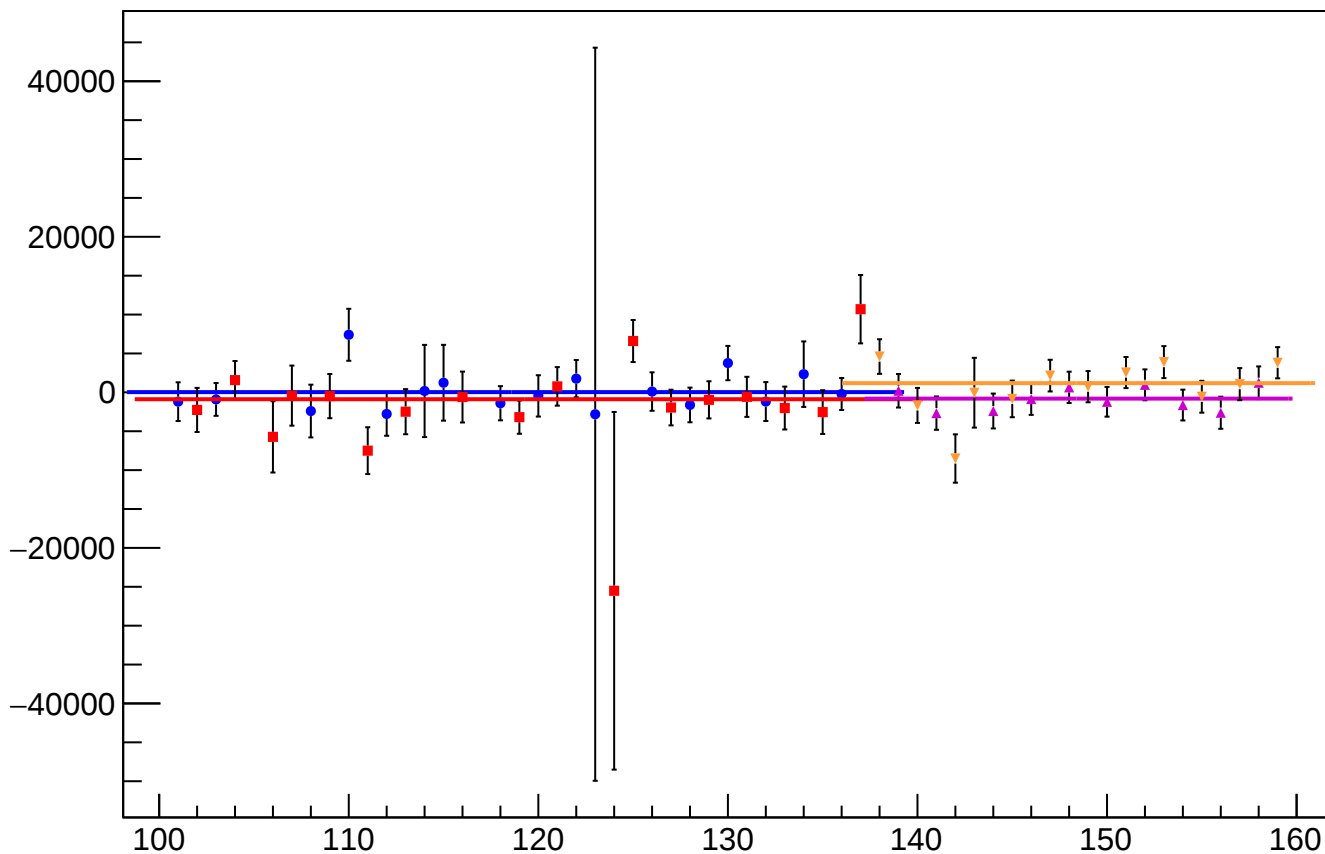
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

In: 3861.811 $\pm$ 0.768 χ^2 /NDF: 4409764.6/26

Out: 3818.692 $\pm$ 0.736 χ^2 /NDF: 4739244.6/29

All: 3839.345 $\pm$ 0.531 χ^2 /NDF: 9150653.3/56

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 1184.268 $\pm$ 641.469 χ^2/NDF : 19.4/11

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

Left In: -805.072 $\pm$ 650.472 χ^2/NDF : 4.7/9

Left: 203.460 $\pm$ 456.737 χ^2/NDF : 28.9/21

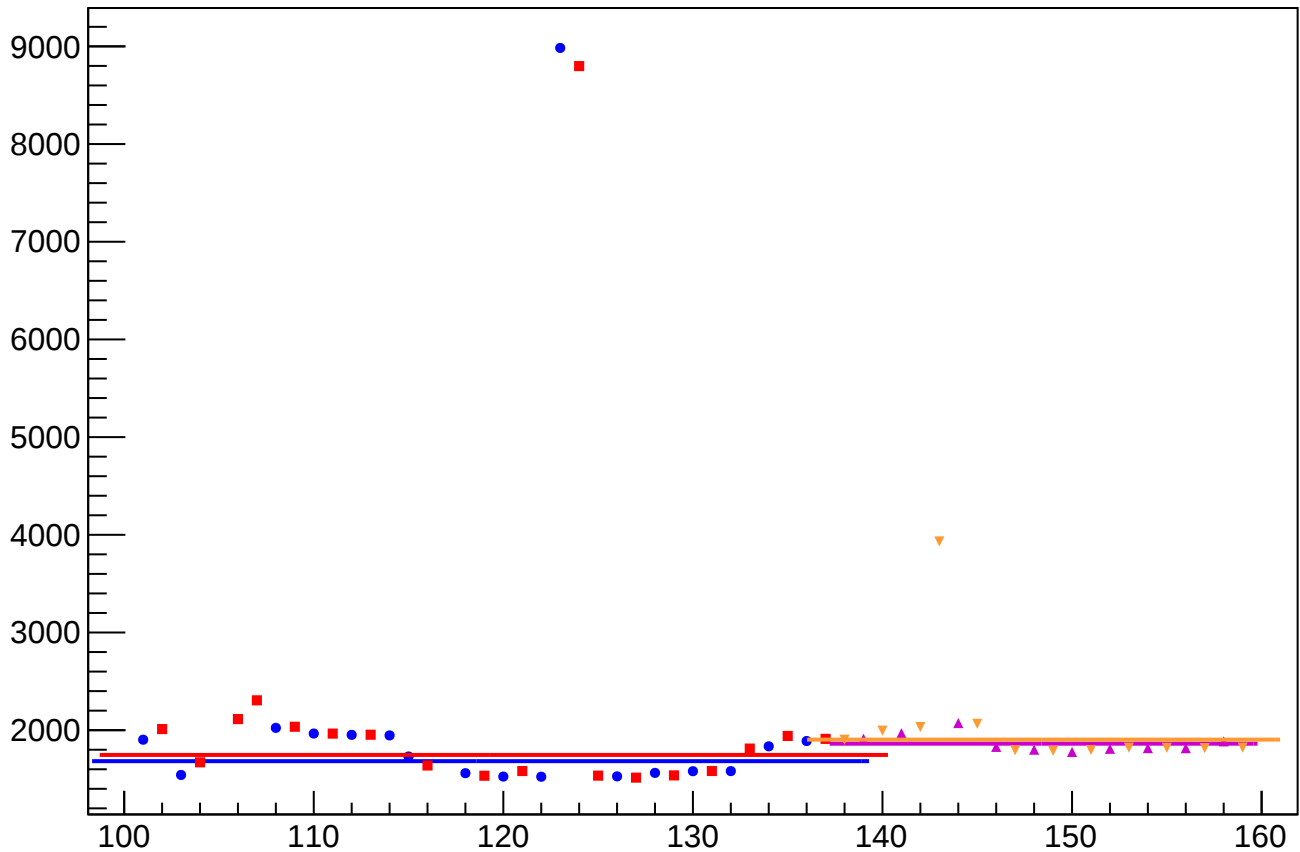
Right: -415.699 $\pm$ 471.191 χ^2/NDF : 38.4/34

In: -393.039 $\pm$ 462.732 χ^2/NDF : 17.4/26

Out: 202.827 $\pm$ 464.866 χ^2/NDF : 50.0/29

All: -96.477 $\pm$ 327.953 χ^2/NDF : 68.2/56

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1903.470+/-0.454 χ^2/NDF : 455989.8/11

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

Left In: 1861.866+/-0.460 χ^2/NDF : 33815.4/9

Left: 1882.958+/-0.323 χ^2/NDF : 493953.2/21

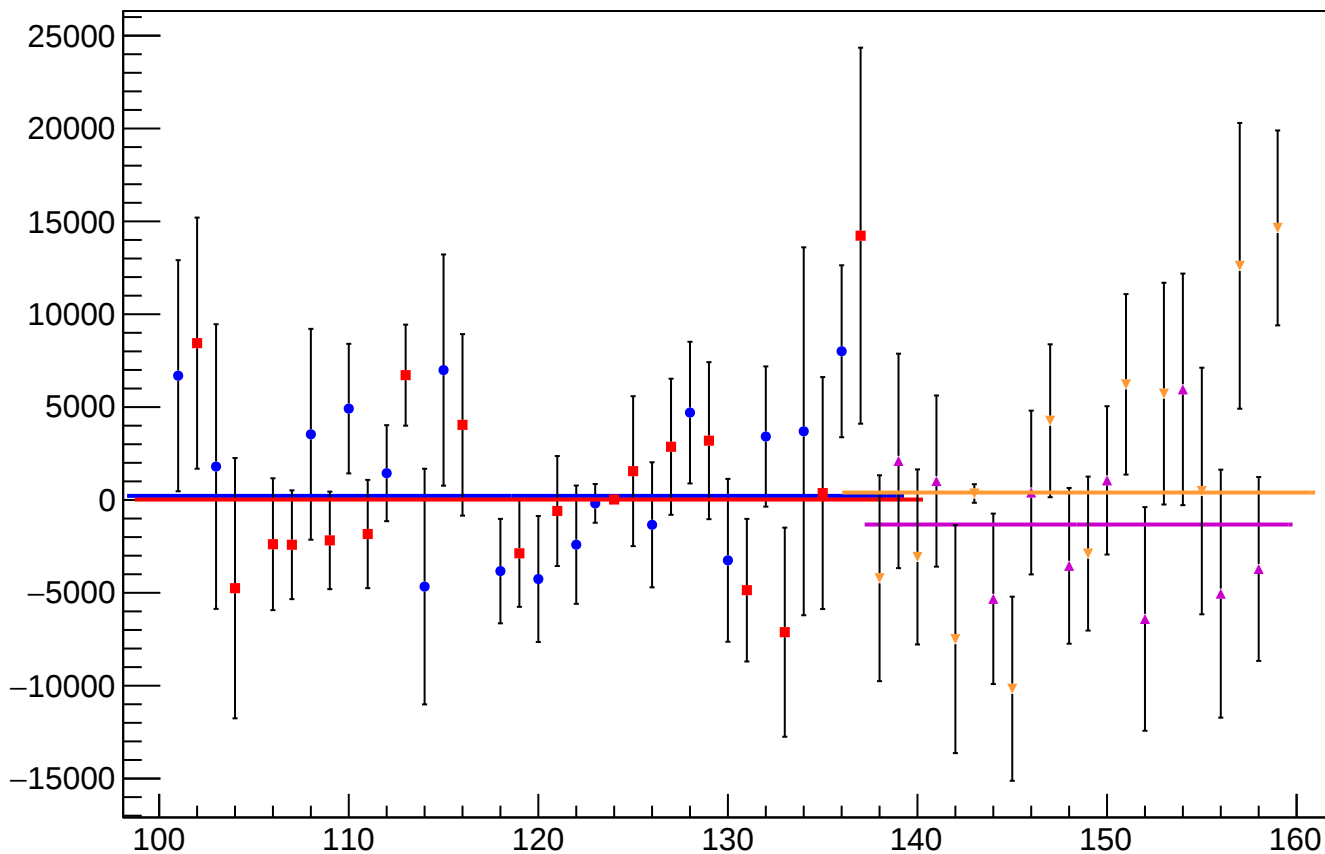
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

In: 1773.578+/-0.327 χ^2/NDF : 304265.7/26

Out: 1828.908+/-0.328 χ^2/NDF : 919491.9/29

All: 1801.144+/-0.232 χ^2/NDF : 1238004.3/56

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 400.543 $\pm$ 475.662 χ^2 /NDF:21.1/11

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

Left In: -1322.507 $\pm$ 1557.644 χ^2 /NDF:4.8/9

Left: 253.569 $\pm$ 454.923 χ^2 /NDF: 27.0/21

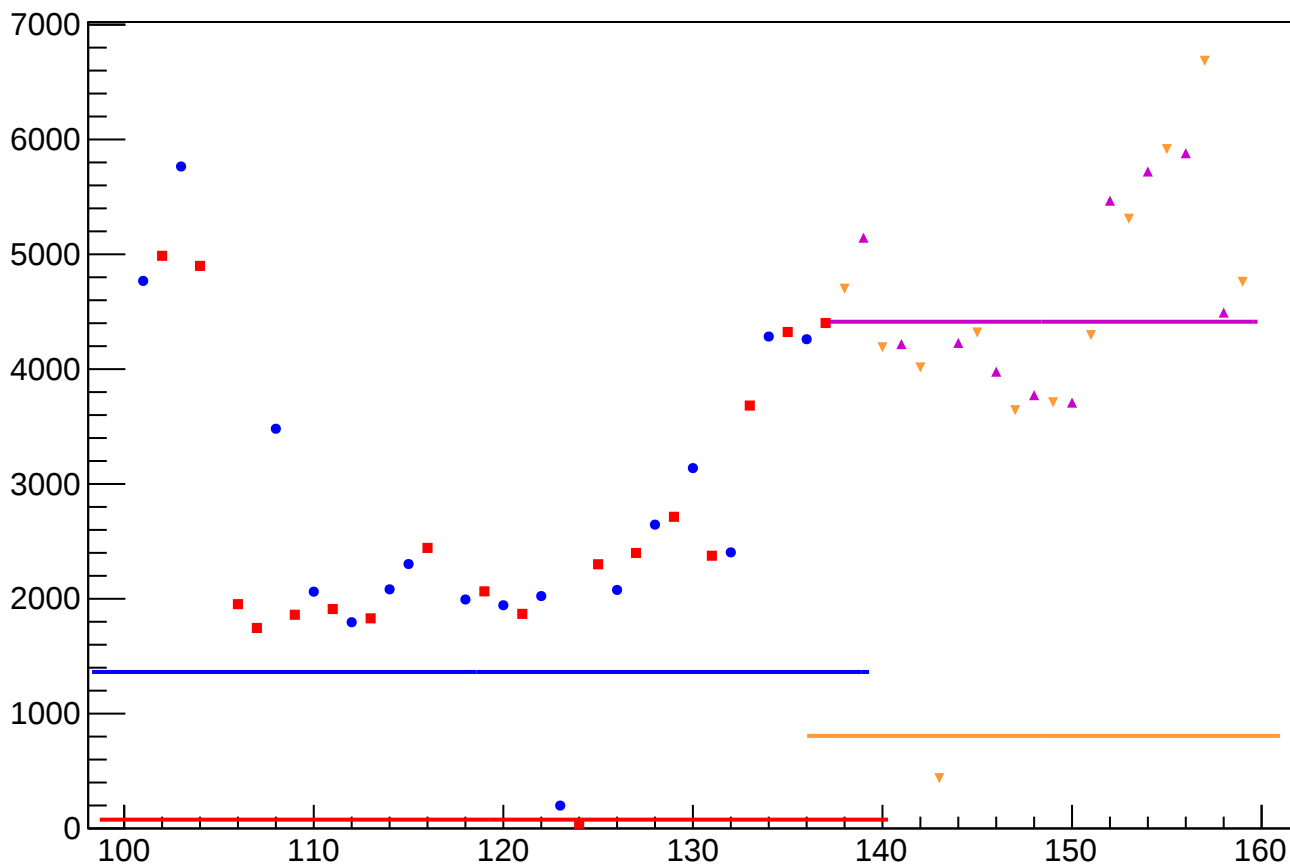
Right: 26.783 $\pm$ 112.731 χ^2 /NDF: 34.5/34

In: -52.282 $\pm$ 654.241 χ^2 /NDF:21.4/26

Out: 42.556 $\pm$ 110.985 χ^2 /NDF:40.2/29

All: 39.903 $\pm$ 109.422 χ^2 /NDF: 61.7/56

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 806.052 $\pm$ 0.336 χ^2 /NDF: 12247412.4/11

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

Left In: 4412.899 $\pm$ 1.101 χ^2 /NDF: 413664.2/9

Left: 1113.709 $\pm$ 0.322 χ^2 /NDF: 22470163.3/21

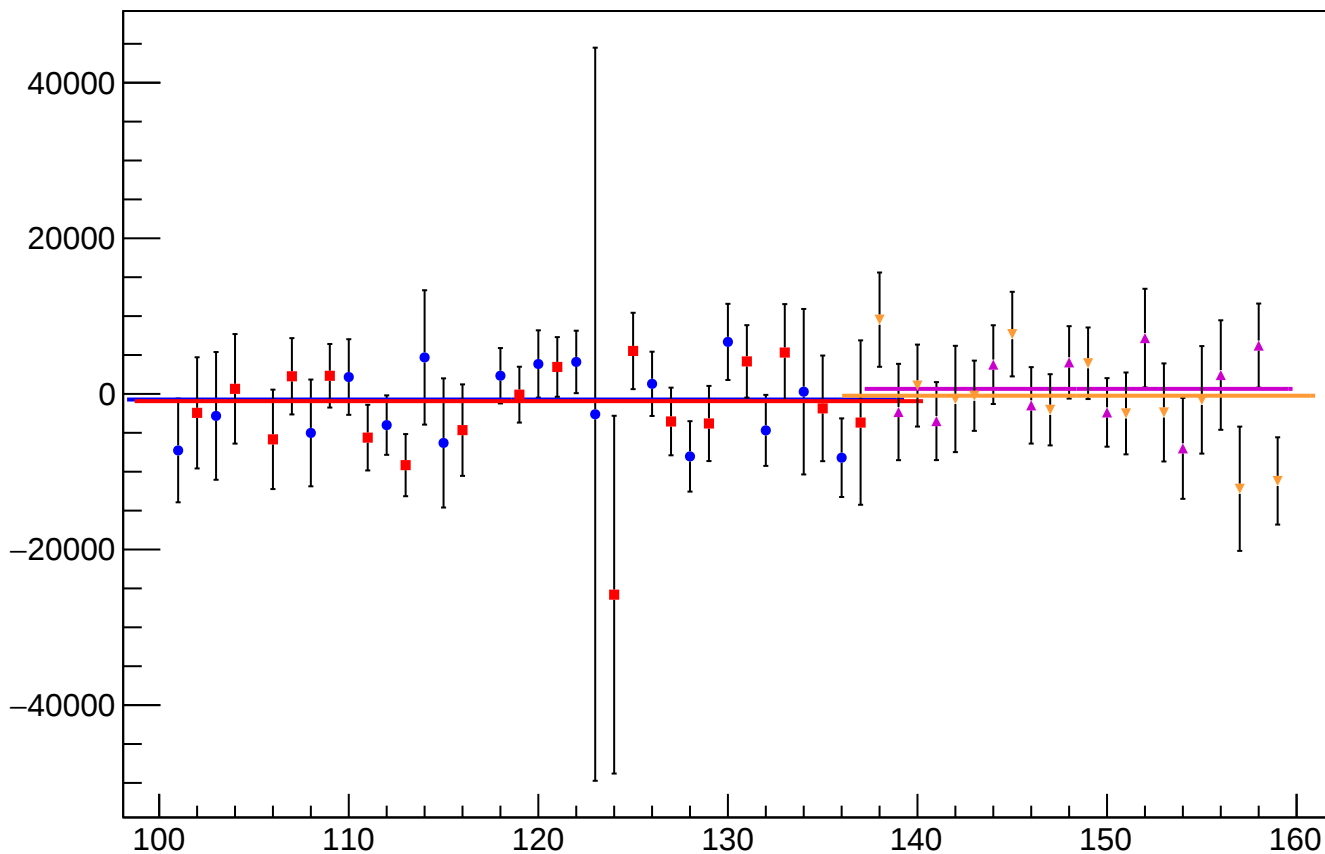
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

In: 1900.923 $\pm$ 0.463 χ^2 /NDF: 12965145.8/26

Out: 116.532 $\pm$ 0.078 χ^2 /NDF: 29806439.4/29

All: 166.446 $\pm$ 0.077 χ^2 /NDF: 57233057.8/56

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: -232.690+/-1596.430 χ^2/NDF :12.1/11

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

Left In: 646.483+/-1697.333 χ^2/NDF :6.1/9

Left: 179.988+/-1162.883 χ^2/NDF : 18.3/21

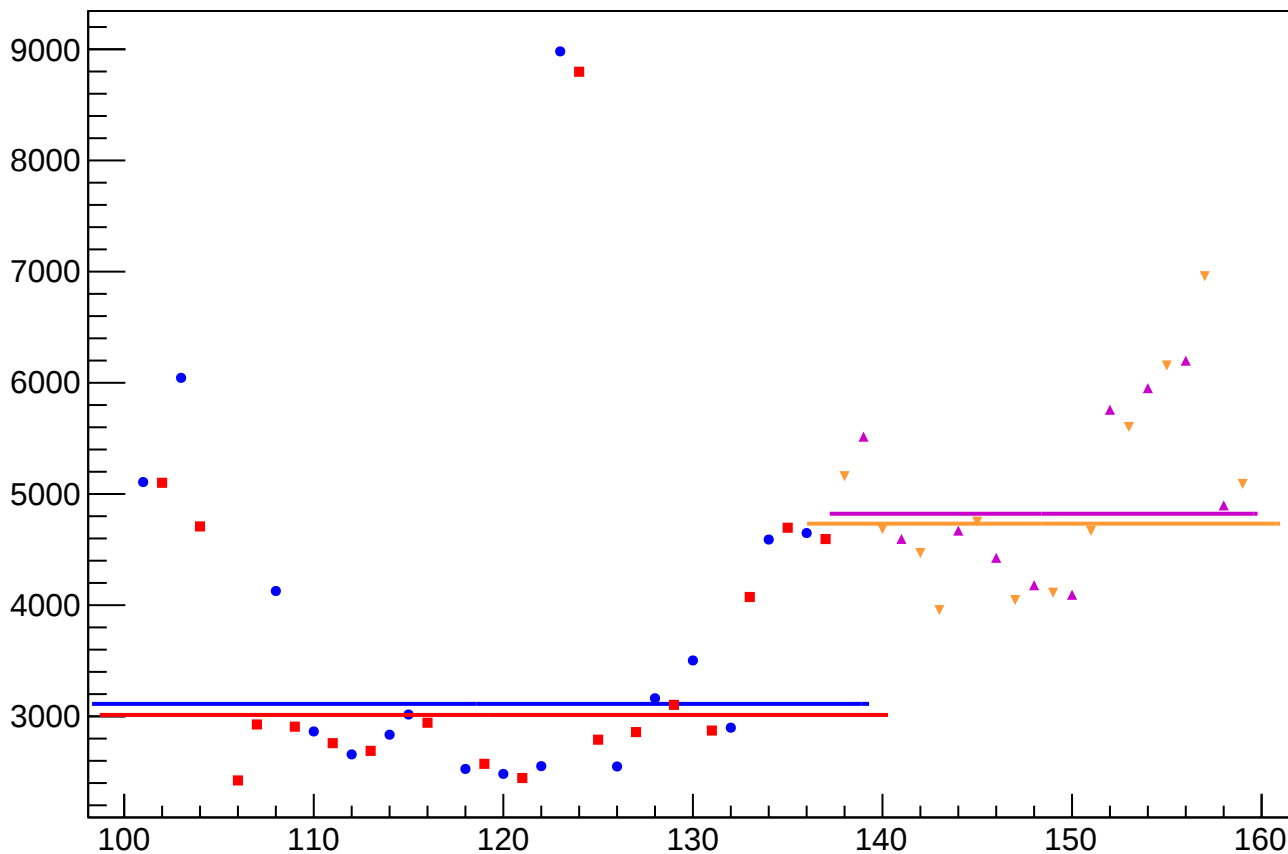
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

In: -239.192+/-1007.822 χ^2/NDF :21.2/26

Out: -680.835+/-956.389 χ^2/NDF :27.2/29

All: -471.570+/-693.740 χ^2/NDF : 48.5/56

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4733.101+/-1.129 χ^2/NDF : 440700.9/11

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

Left In: 4822.308+/-1.200 χ^2/NDF : 318010.0/9

Left: 4774.974+/-0.822 χ^2/NDF : 761642.2/21

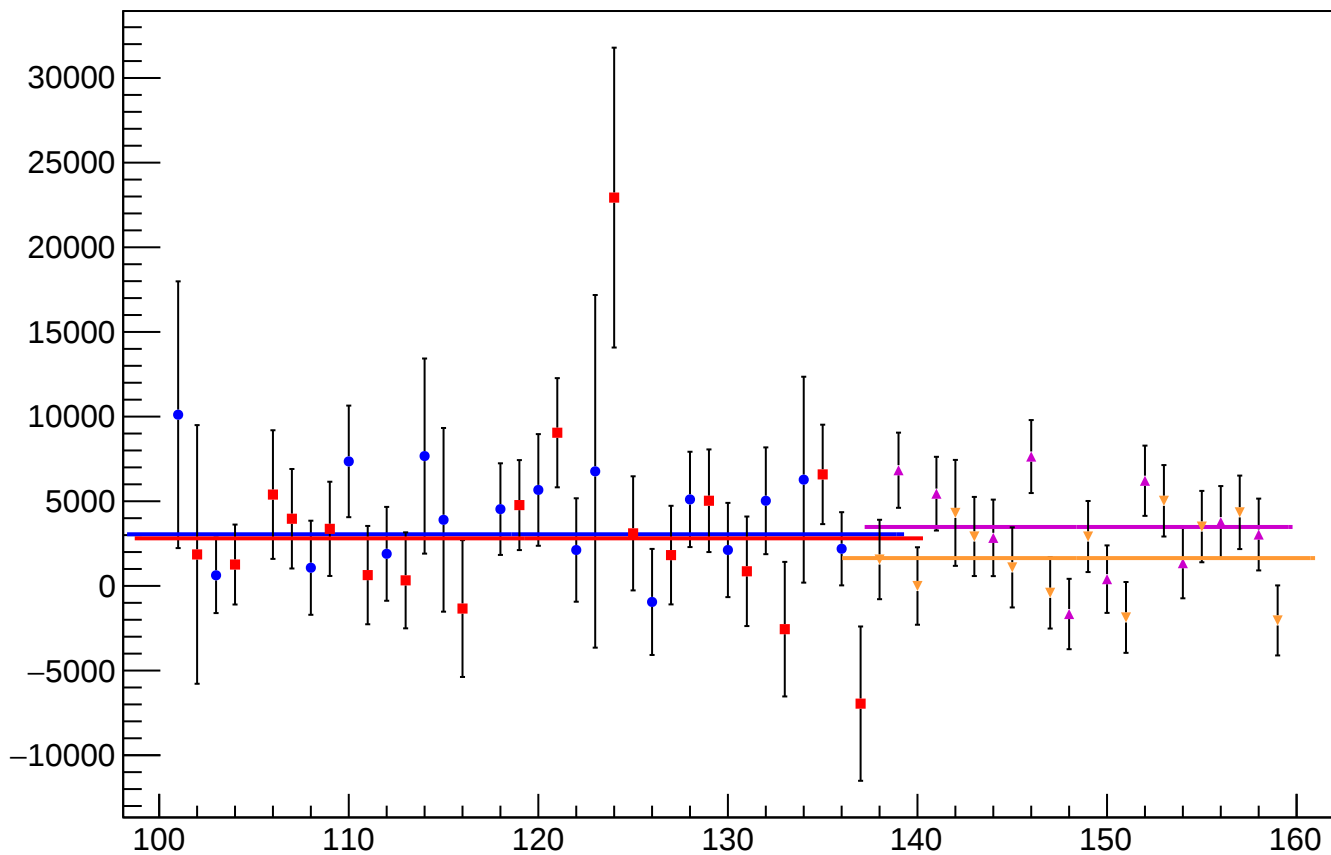
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

In: 3715.133+/-0.713 χ^2/NDF : 2590907.2/26

Out: 3620.246+/-0.671 χ^2/NDF : 2717351.7/29

All: 3664.823+/-0.488 χ^2/NDF : 5317658.8/56

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1643.072+/-643.909 χ^2/NDF :13.8/11

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

Left In: 3481.121+/-671.916 χ^2/NDF :18.3/9

Left: 2522.991+/-464.898 χ^2/NDF : 35.9/21

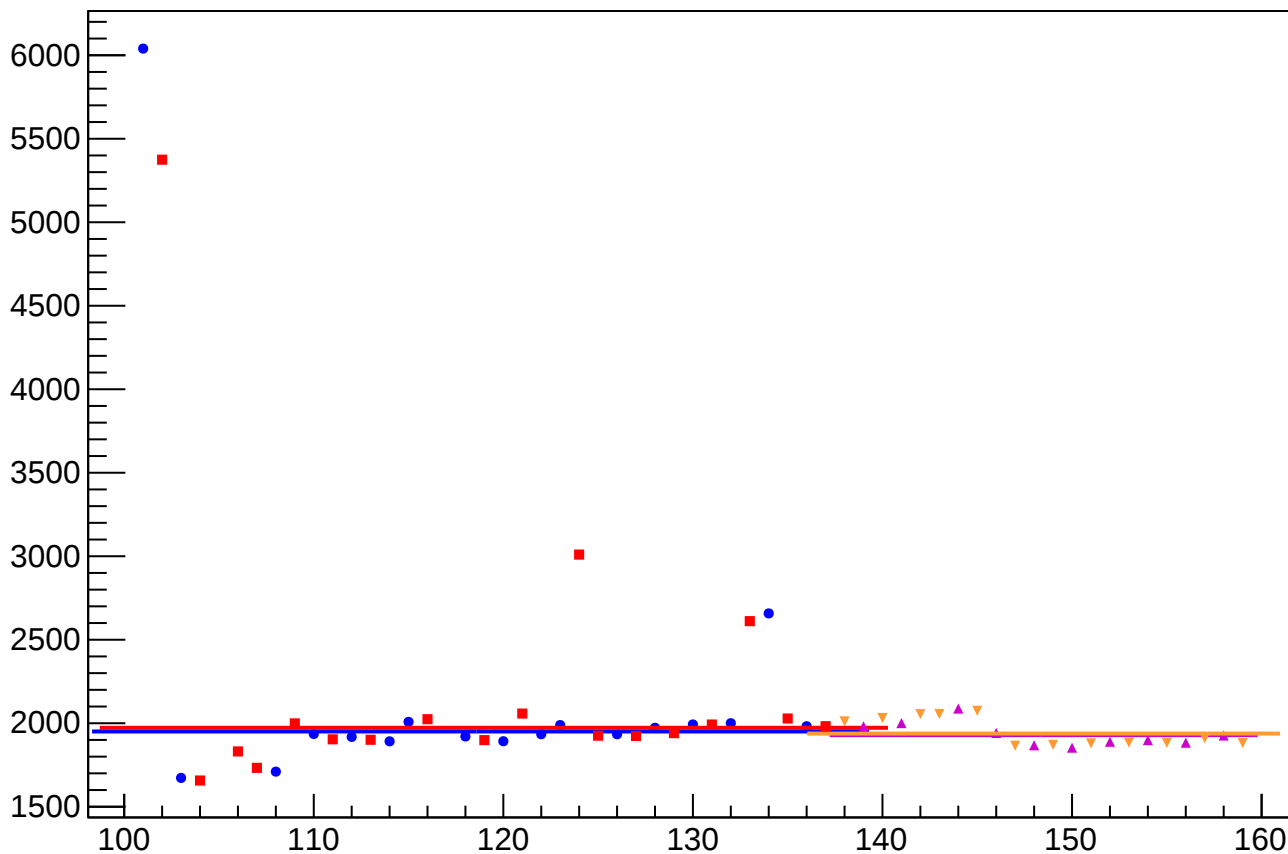
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

In: 3294.993+/-506.923 χ^2/NDF :27.7/26

Out: 2125.715+/-492.952 χ^2/NDF :37.2/29

All: 2694.019+/-353.406 χ^2/NDF : 67.6/56

dit_asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 1938.177 $\pm$ 0.455 χ^2 /NDF:30241.3/11

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

Left In: 1929.023 $\pm$ 0.475 χ^2 /NDF:19890.6/9

Left: 1933.795 $\pm$ 0.329 χ^2 /NDF: 50325.4/21

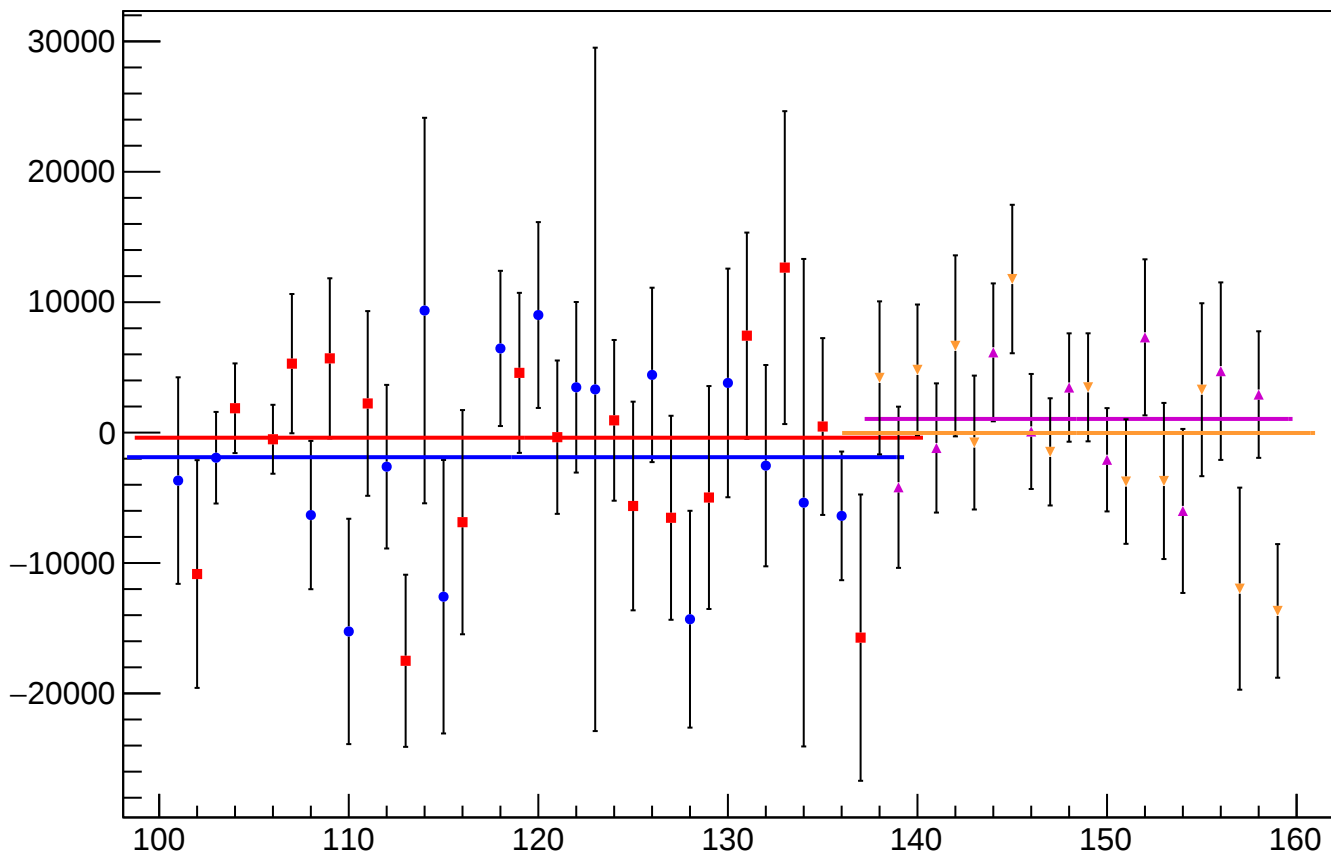
Right: 1961.803 $\pm$ 0.385 χ^2 /NDF: 1151656.3/34

In: 1938.358 $\pm$ 0.358 χ^2 /NDF:635952.0/26

Out: 1952.488 $\pm$ 0.348 χ^2 /NDF:568296.2/29

All: 1945.622 $\pm$ 0.250 χ^2 /NDF: 1205047.1/56

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -29.489 $\pm$ 1533.619 χ^2/NDF : 18.2/11

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

Left In: 1047.955 $\pm$ 1595.177 χ^2/NDF : 5.7/9

Left: 488.043 $\pm$ 1105.555 χ^2/NDF : 24.1/21

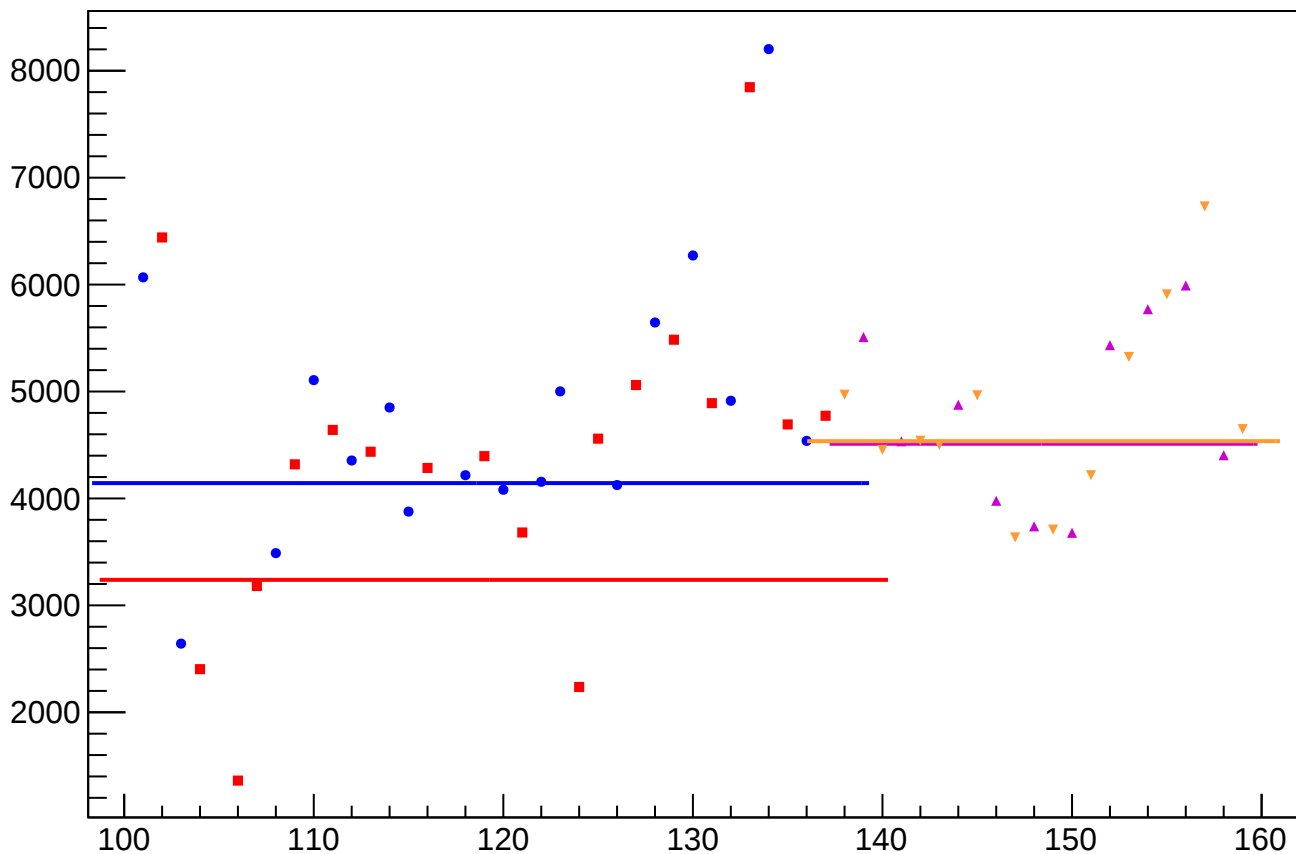
Right: -993.190 $\pm$ 1052.280 χ^2/NDF : 32.2/34

In: -362.060 $\pm$ 1149.522 χ^2/NDF : 21.4/26

Out: -231.890 $\pm$ 1018.241 χ^2/NDF : 35.8/29

All: -289.121 $\pm$ 762.213 χ^2/NDF : 57.2/56

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4535.634+/-1.084 χ^2/NDF : 489342.0/11

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

Left In: 4511.332+/-1.128 χ^2/NDF : 471654.2/9

Left: 4523.961+/-0.782 χ^2/NDF : 961237.4/21

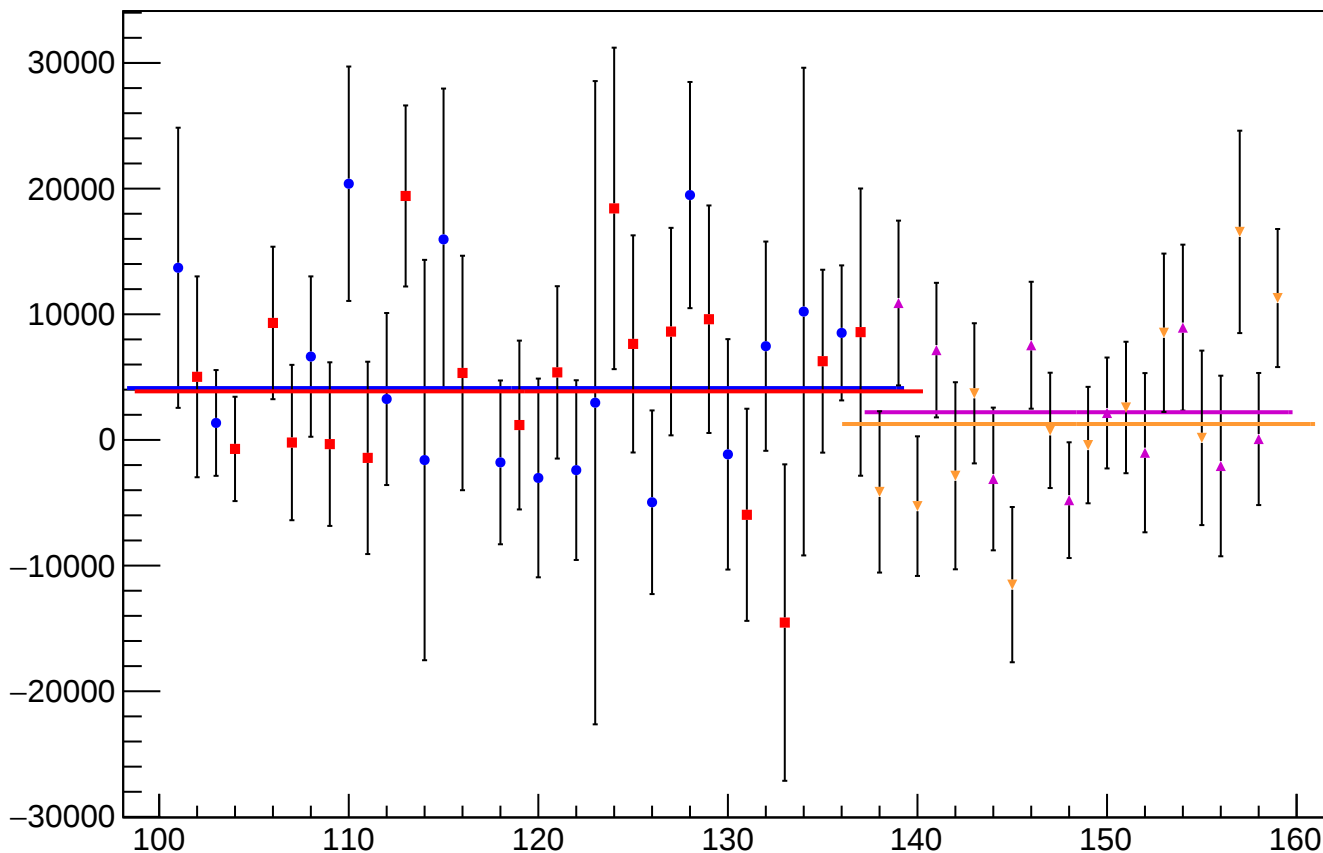
Right: 3603.092+/-0.744 χ^2/NDF : 3793704.0/34

In: 4334.504+/-0.813 χ^2/NDF : 1378752.3/26

Out: 3810.359+/-0.720 χ^2/NDF : 3871231.5/29

All: 4040.805+/-0.539 χ^2/NDF : 5482979.8/56

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 1267.379+/-1670.881 χ^2/NDF :15.4/11

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

Left In: 2204.948+/-1740.053 χ^2/NDF :8.7/9

Left: 1717.158+/-1205.204 χ^2/NDF : 24.2/21

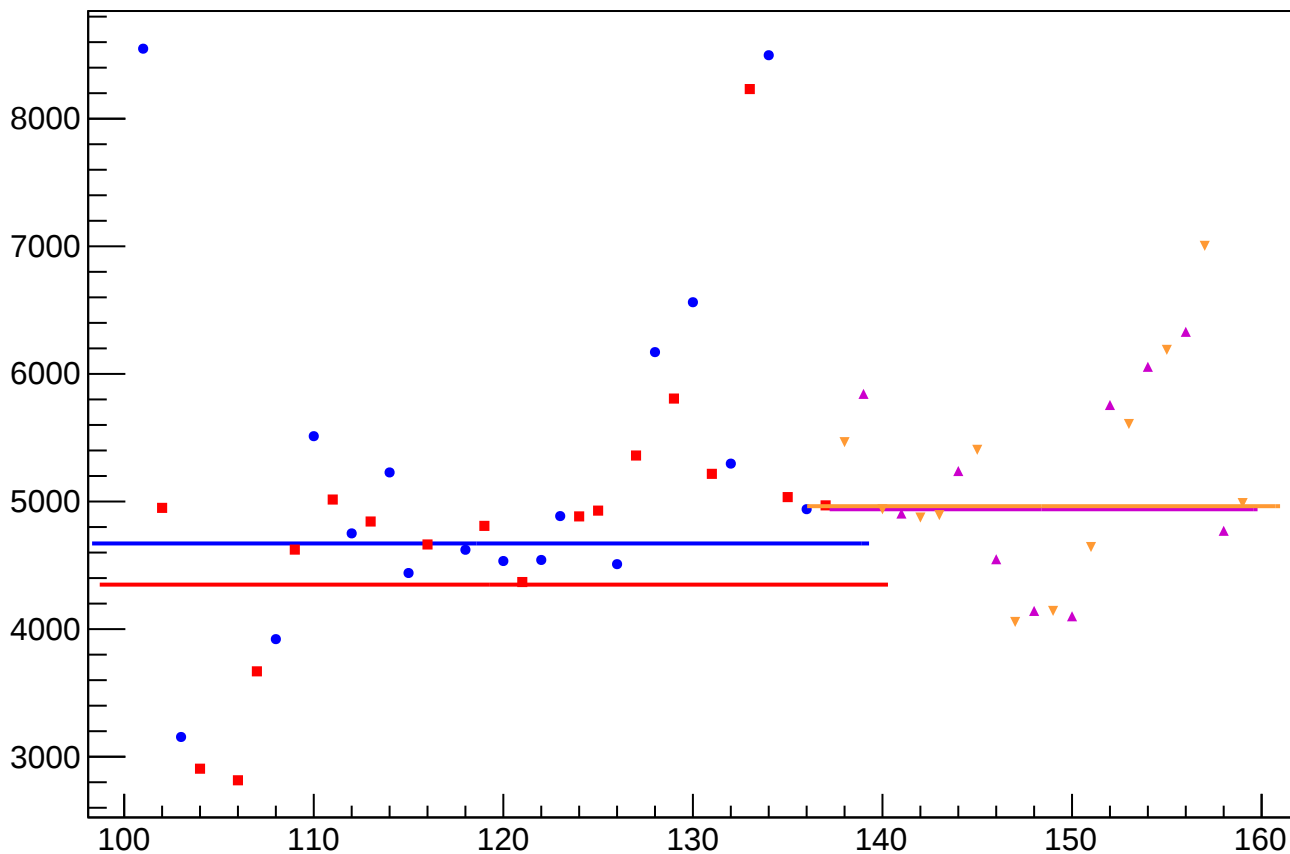
Right: 3986.746+/-1266.737 χ^2/NDF : 27.9/34

In: 3100.261+/-1271.668 χ^2/NDF :23.0/26

Out: 2523.651+/-1201.004 χ^2/NDF :30.8/29

All: 2795.491+/-873.151 χ^2/NDF : 53.9/56

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4963.381+/-1.181 χ^2/NDF : 383095.0/11

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

Left In: 4939.292+/-1.230 χ^2/NDF : 355217.1/9

Left: 4951.825+/-0.852 χ^2/NDF : 738511.5/21

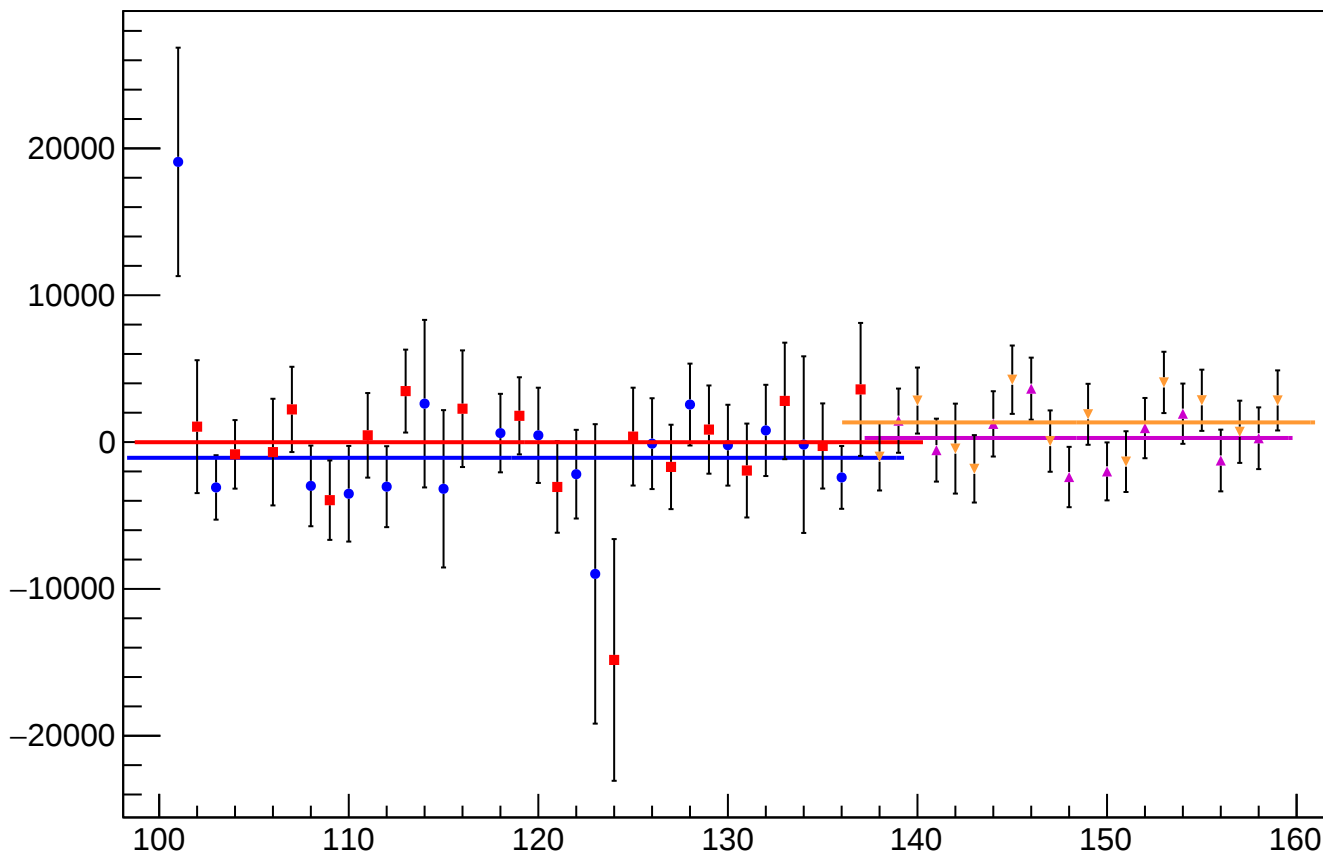
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

In: 4814.444+/-0.899 χ^2/NDF : 1163428.5/26

Out: 4664.501+/-0.847 χ^2/NDF : 1307125.9/29

All: 4734.980+/-0.616 χ^2/NDF : 2485290.1/56

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1339.288 ± 634.489 $\chi^2/\text{NDF}: 10.2/11$

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

Left In: 278.973 ± 663.026 $\chi^2/\text{NDF}: 7.4/9$

Left: 832.439 ± 458.408 $\chi^2/\text{NDF}: 19.0/21$

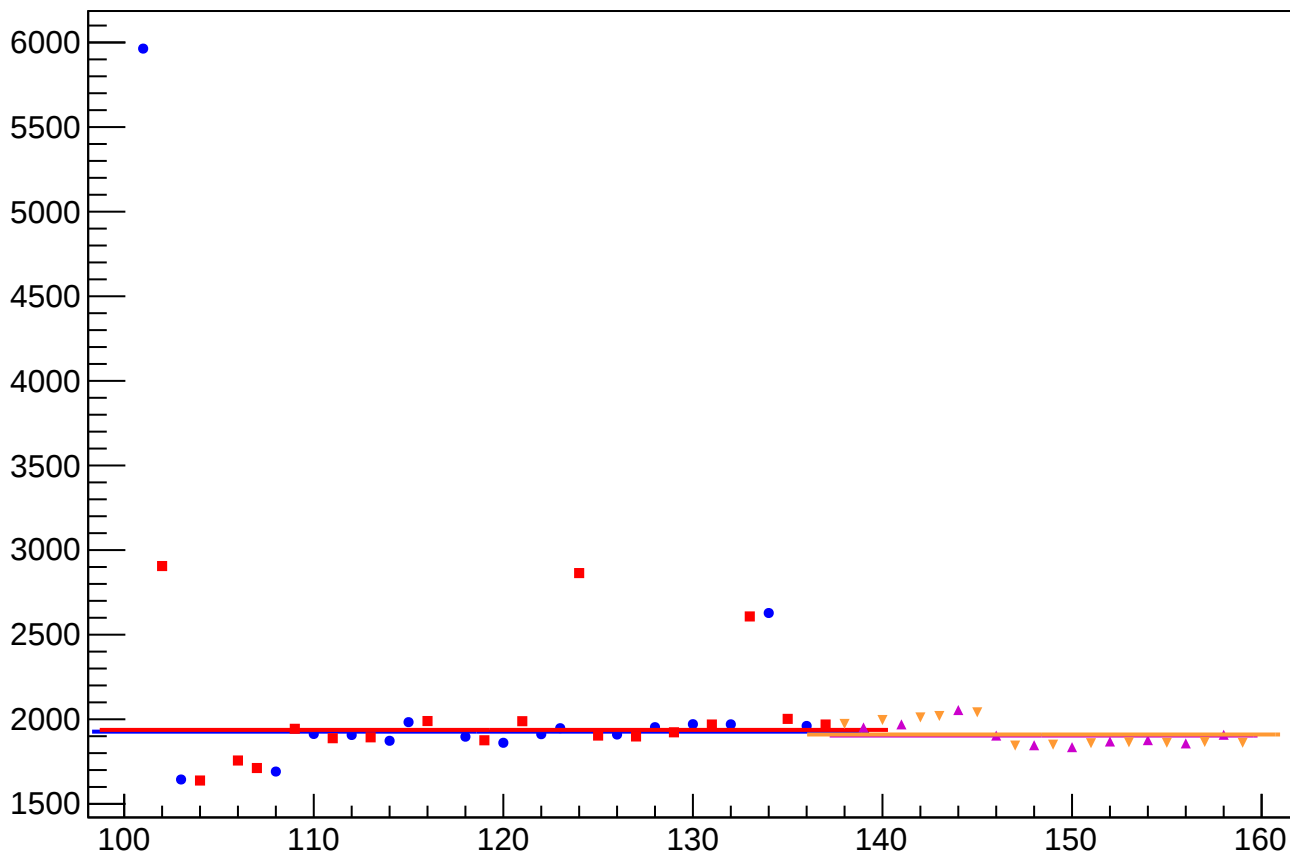
Right: -529.623 ± 534.164 $\chi^2/\text{NDF}: 26.1/34$

In: -301.969 ± 500.462 $\chi^2/\text{NDF}: 22.9/26$

Out: 775.223 ± 483.885 $\chi^2/\text{NDF}: 23.5/29$

All: 254.762 ± 347.871 $\chi^2/\text{NDF}: 48.9/56$

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1926.890 ± 0.540 $\chi^2/\text{NDF}: 617116.3/16$

Left Out: 1910.117 ± 0.449 $\chi^2/\text{NDF}: 26358.9/11$

Right Out: 1937.280 ± 0.529 $\chi^2/\text{NDF}: 229079.5/17$

Left In: 1903.713 ± 0.469 $\chi^2/\text{NDF}: 17929.0/9$

Left: 1907.056 ± 0.324 $\chi^2/\text{NDF}: 44385.4/21$

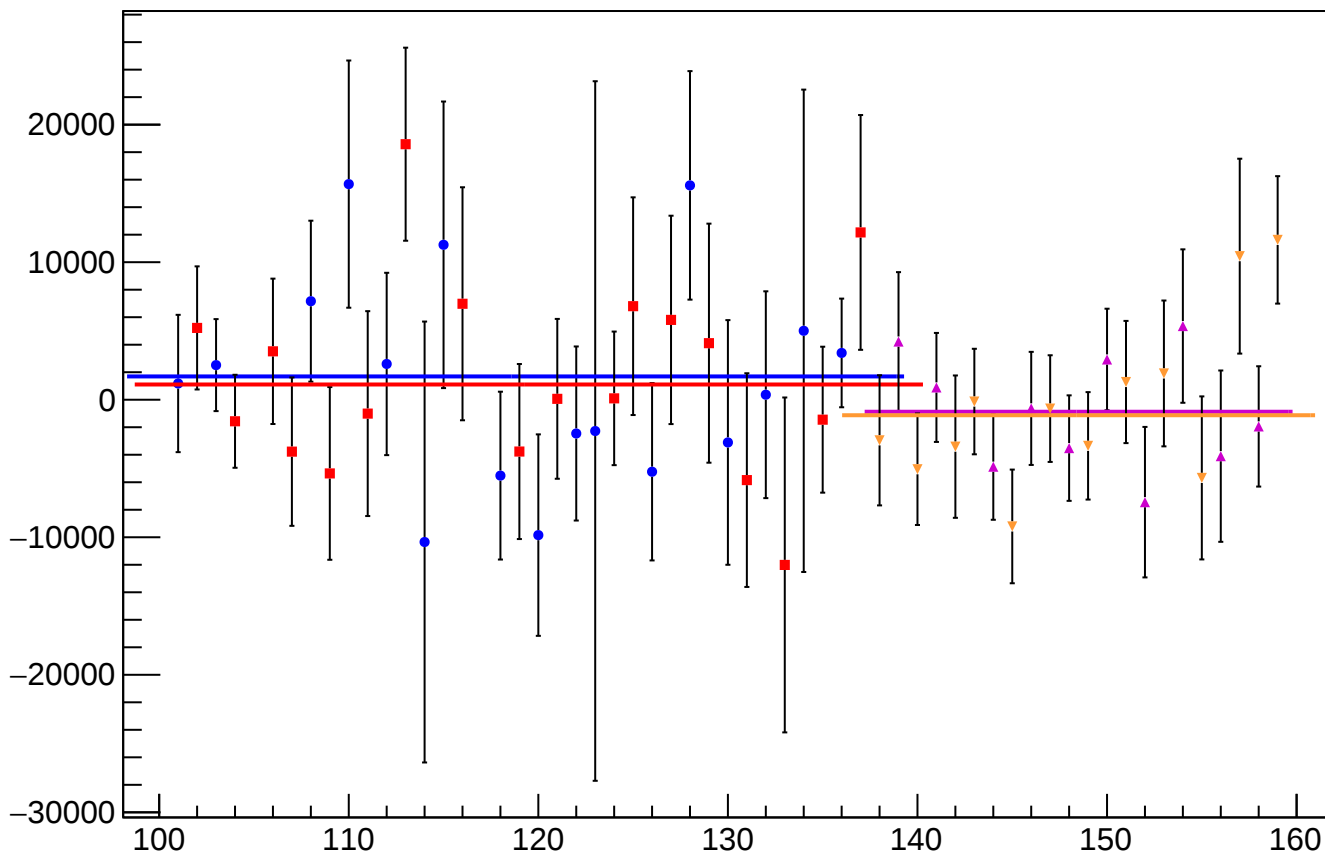
Right: 1932.191 ± 0.378 $\chi^2/\text{NDF}: 846384.9/34$

In: 1913.685 ± 0.354 $\chi^2/\text{NDF}: 636096.8/26$

Out: 1921.491 ± 0.342 $\chi^2/\text{NDF}: 256973.3/29$

All: 1917.721 ± 0.246 $\chi^2/\text{NDF}: 893321.7/56$

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -1127.546 $\pm$ 1310.120 χ^2 /NDF:17.0/11

Right Out: 1107.921 $\pm$ 1412.697 χ^2 /NDF: 15.9/17

Left In: -873.973 $\pm$ 1394.586 χ^2 /NDF:6.9/9

Left: -1008.671 $\pm$ 954.860 χ^2 /NDF: 23.8/21

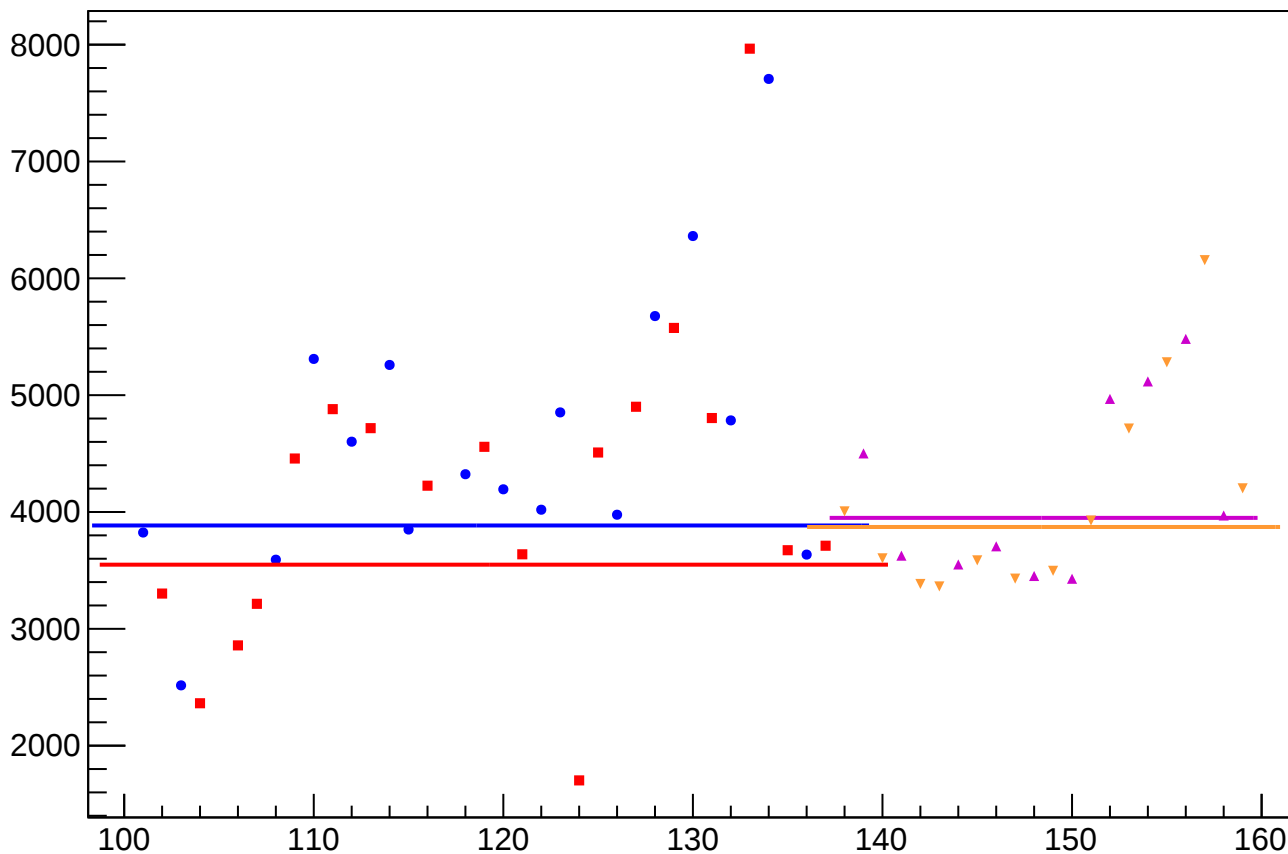
Right: 1373.479 $\pm$ 1044.694 χ^2 /NDF: 29.6/34

In: 273.249 $\pm$ 1037.306 χ^2 /NDF:22.0/26

Out: -93.910 $\pm$ 960.614 χ^2 /NDF:34.2/29

All: 75.597 $\pm$ 704.811 χ^2 /NDF: 56.2/56

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3871.695 $\pm$ 0.926 χ^2 /NDF: 499212.0/11

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

Left In: 3949.684 $\pm$ 0.986 χ^2 /NDF: 417077.7/9

Left: 3908.256 $\pm$ 0.675 χ^2 /NDF: 919612.2/21

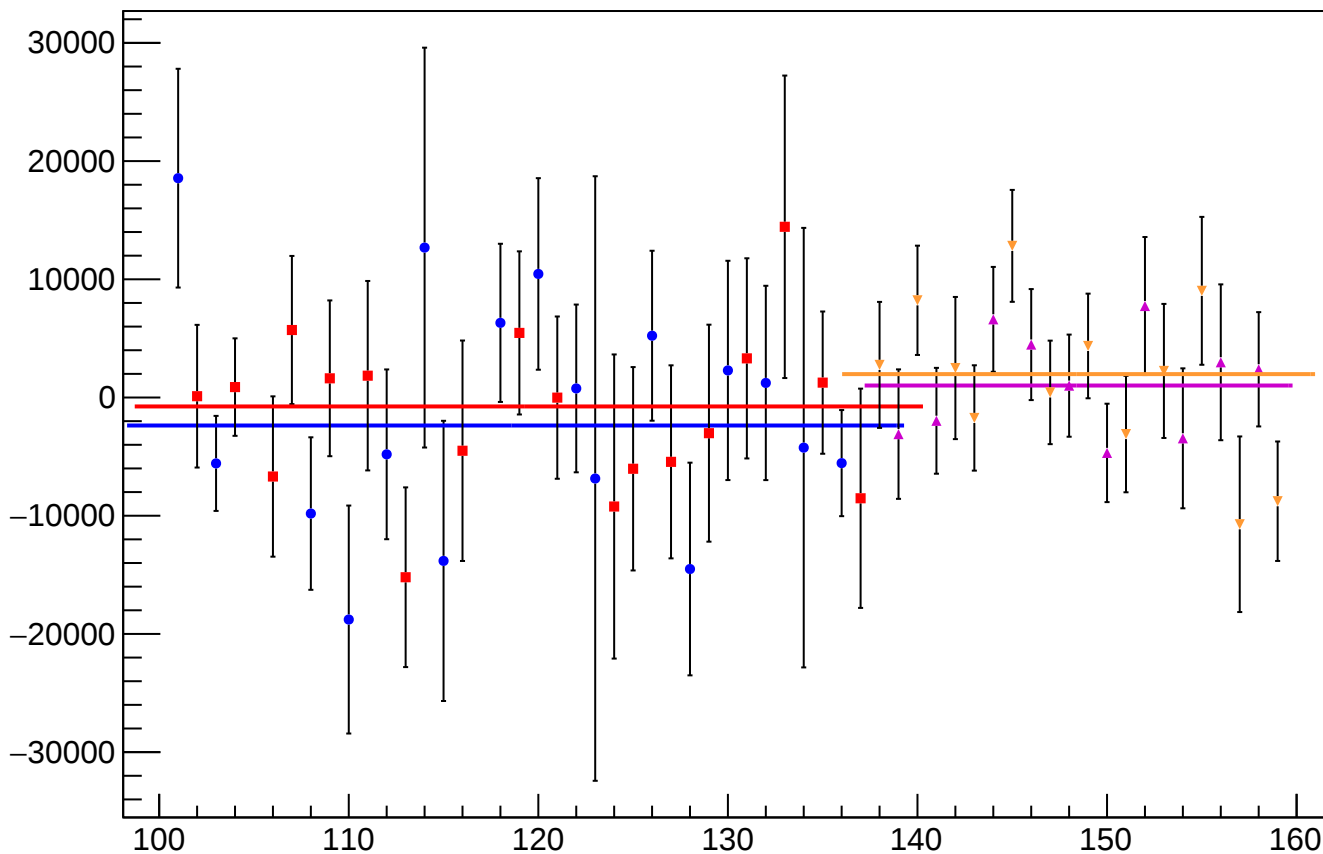
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

In: 3920.609 $\pm$ 0.733 χ^2 /NDF: 1245587.3/26

Out: 3722.549 $\pm$ 0.679 χ^2 /NDF: 1882216.9/29

All: 3813.987 $\pm$ 0.498 χ^2 /NDF: 3167056.2/56

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1979.829 $\pm$ 1469.644 χ^2 /NDF:18.0/11

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

Left In: 1014.615 $\pm$ 1553.422 χ^2 /NDF:7.1/9

Left: 1523.950 $\pm$ 1067.584 χ^2 /NDF: 25.3/21

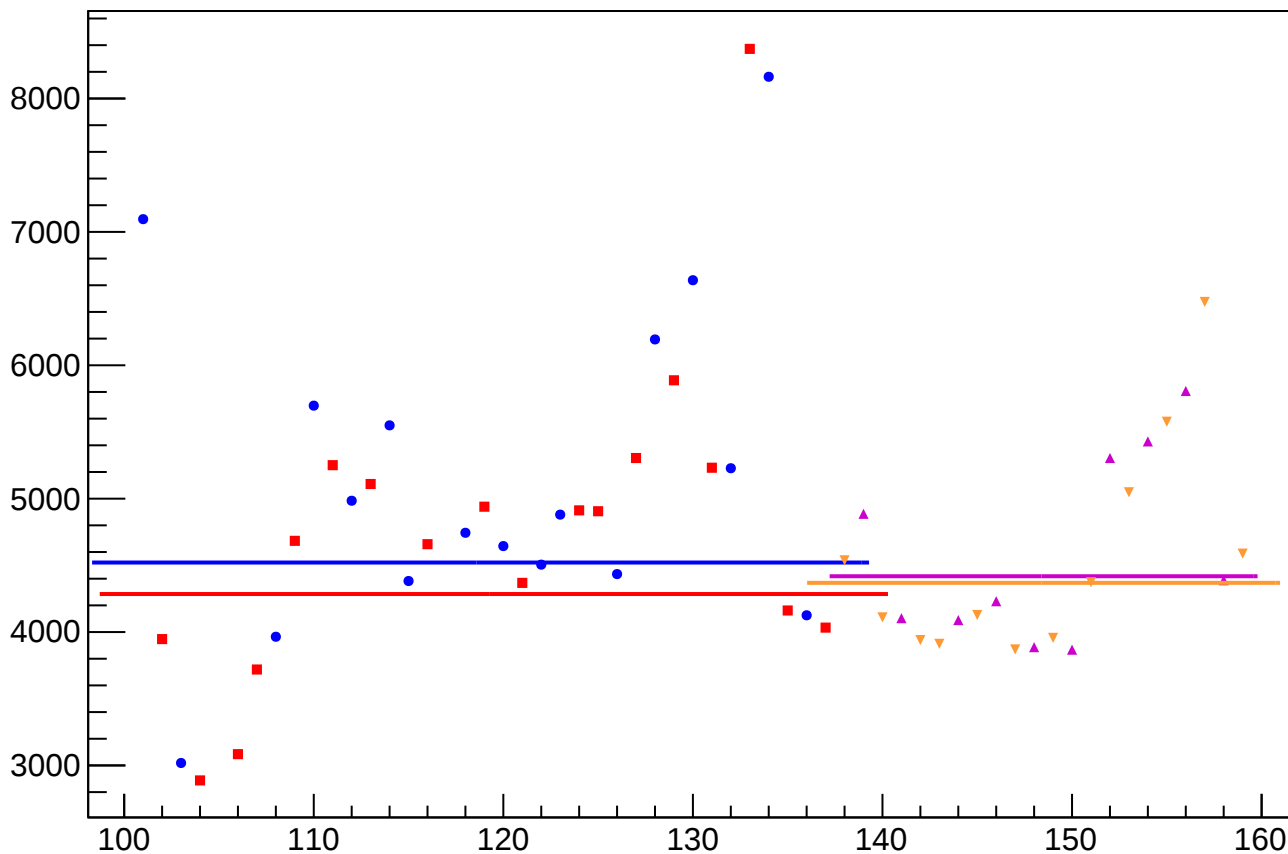
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

In: -427.318 $\pm$ 1176.570 χ^2 /NDF:29.2/26

Out: 804.354 $\pm$ 1109.851 χ^2 /NDF:30.0/29

All: 224.428 $\pm$ 807.340 χ^2 /NDF: 59.8/56

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4369.014+/-1.039 χ^2/NDF : 355859.5/11

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

Left In: 4418.404+/-1.098 χ^2/NDF : 297217.7/9

Left: 4392.342+/-0.755 χ^2/NDF : 654144.0/21

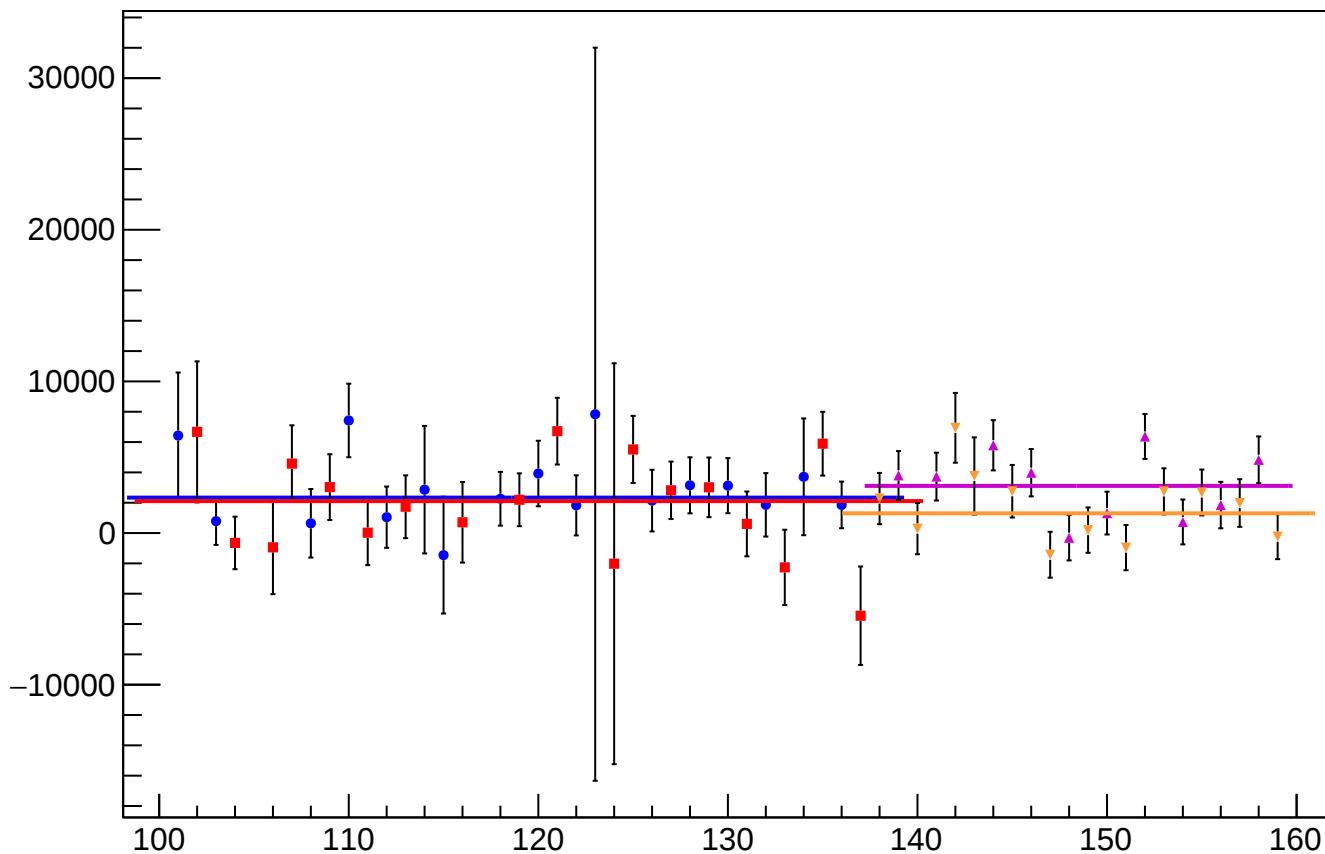
Right: 4395.146+/-0.870 χ^2/NDF : 1543416.6/34

In: 4462.242+/-0.832 χ^2/NDF : 1079628.7/26

Out: 4332.713+/-0.783 χ^2/NDF : 1105082.2/29

All: 4393.546+/-0.570 χ^2/NDF : 2197566.5/56

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2336.975+/-531.132 χ^2/NDF : 9.6/16

Left Out: 1301.729+/-474.481 χ^2/NDF :17.5/11

Right Out: 2107.117+/-539.611 χ^2/NDF : 26.4/17

Left In: 3110.315+/-483.662 χ^2/NDF :19.5/9

Left: 2188.693+/-338.708 χ^2/NDF : 44.1/21

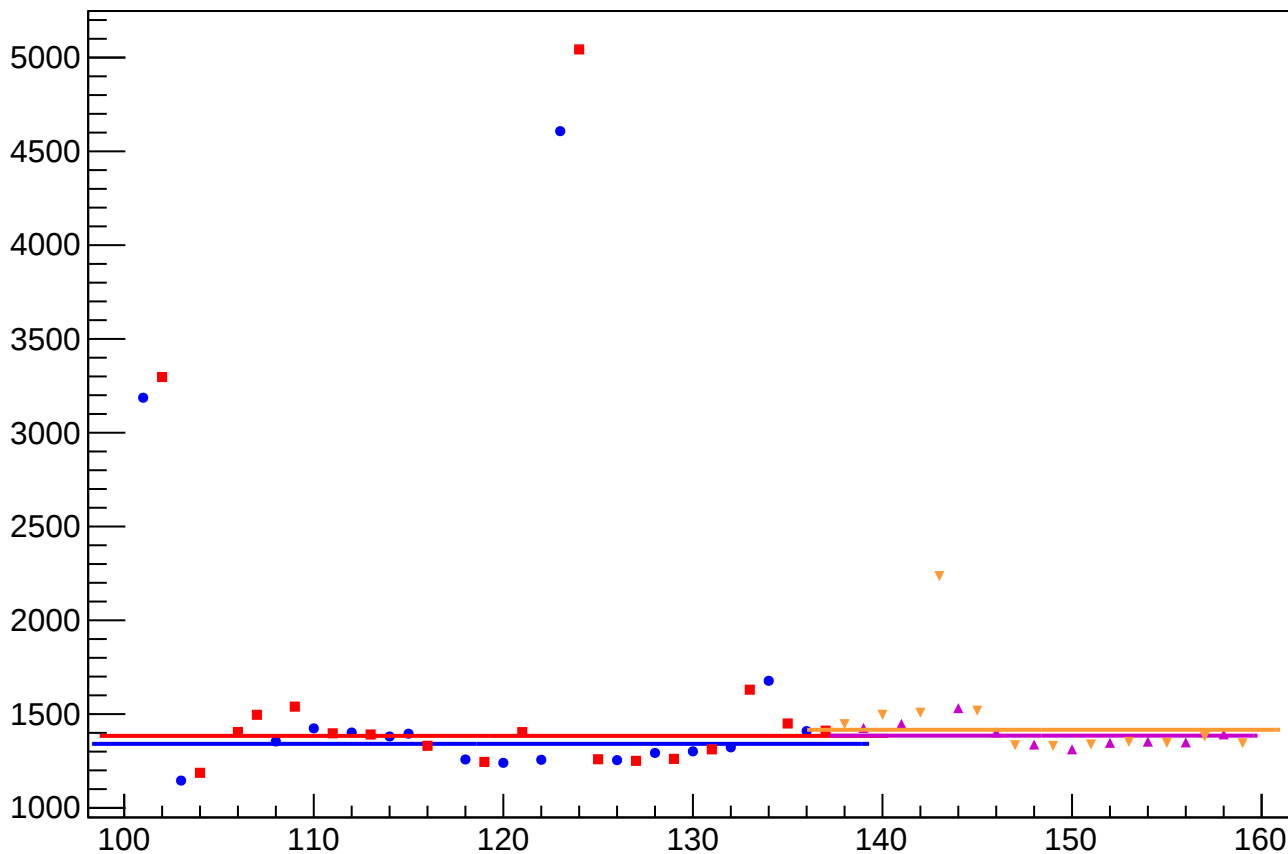
Right: 2223.866+/-378.529 χ^2/NDF : 36.1/34

In: 2759.741+/-357.608 χ^2/NDF :30.3/26

Out: 1652.910+/-356.323 χ^2/NDF :45.1/29

All: 2204.333+/-252.411 χ^2/NDF : 80.1/56

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



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

Left Out: 1416.379 ± 0.336 χ^2/NDF : 253415.2/11

Right Out: 1383.916 ± 0.381 χ^2/NDF : 593846.2/17

Left In: 1385.072 ± 0.342 χ^2/NDF : 31166.0/9

Left: 1401.025 ± 0.240 χ^2/NDF : 288851.4/21

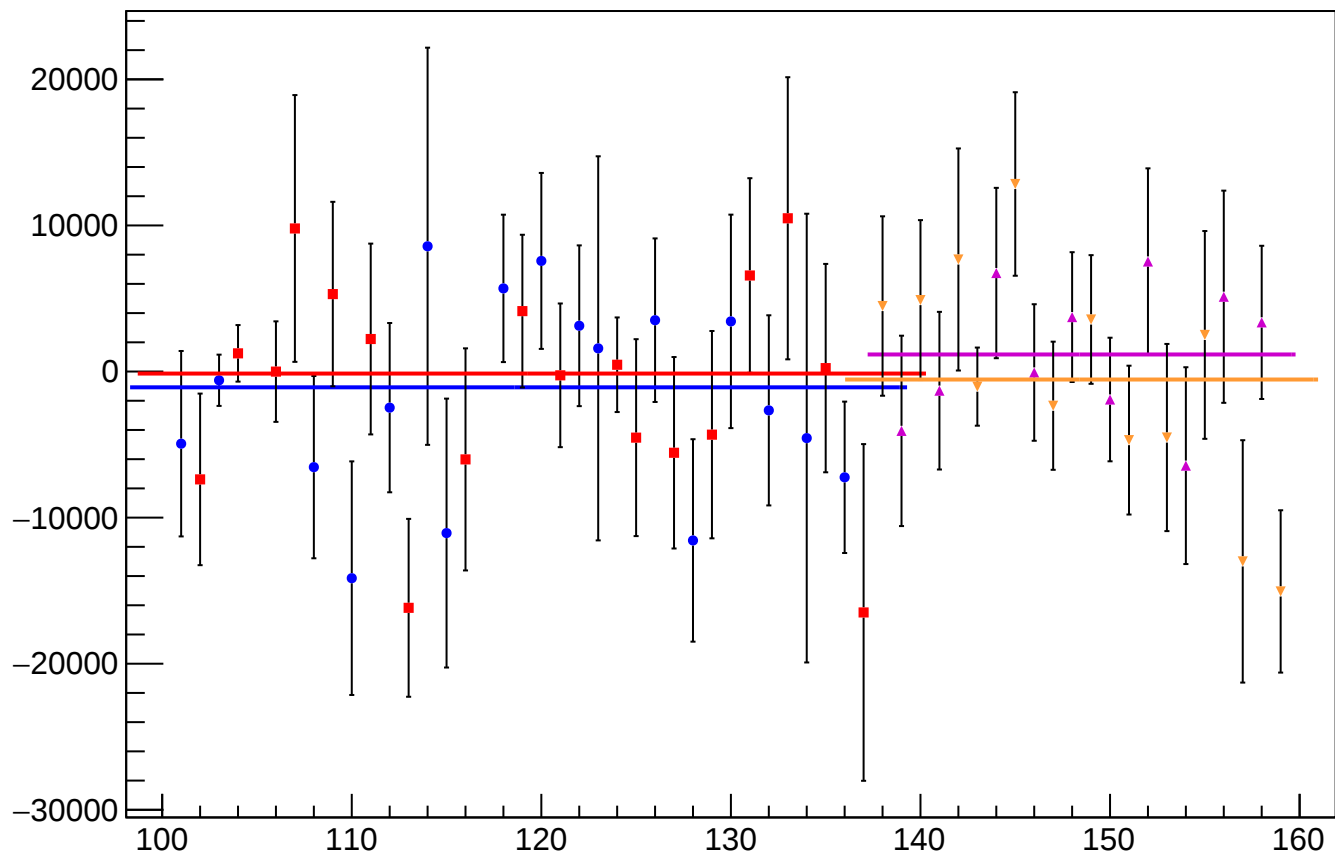
Right: 1362.318 ± 0.268 χ^2/NDF : 1104435.3/34

In: 1365.262 ± 0.253 χ^2/NDF : 542838.7/26

Out: 1402.217 ± 0.252 χ^2/NDF : 851345.6/29

All: 1383.810 ± 0.178 χ^2/NDF : 1404903.5/56

asym_atl_avg_atr_avg_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -546.726+/-1450.145 χ^2/NDF : 18.7/11

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

Left In: 1168.040+/-1710.899 χ^2/NDF : 5.4/9

Left: 170.162+/-1106.236 χ^2/NDF : 24.8/21

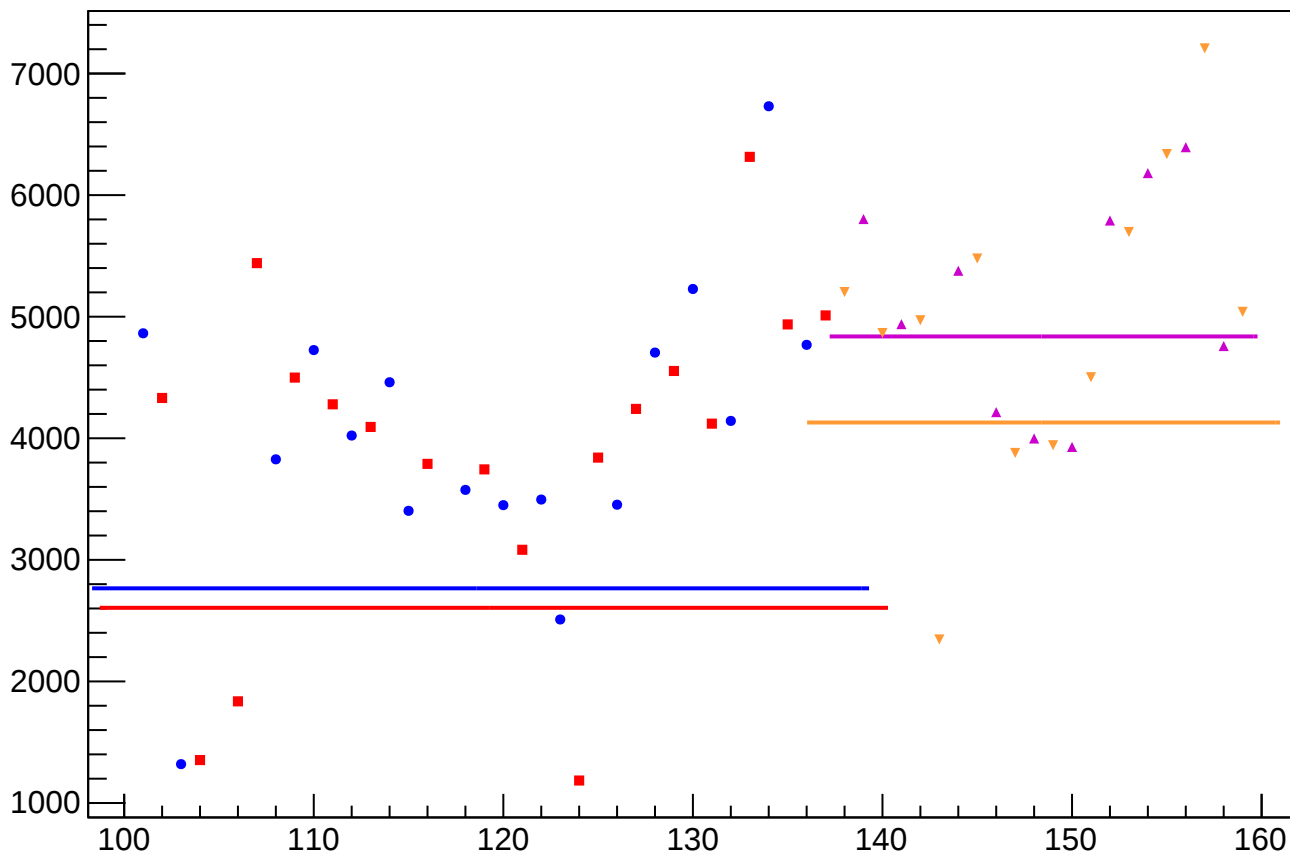
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

In: -329.204+/-989.199 χ^2/NDF : 21.6/26

Out: -292.823+/-891.005 χ^2/NDF : 36.8/29

All: -309.119+/-662.037 χ^2/NDF : 58.4/56

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: 4129.729+/-1.025 χ^2/NDF : 1766517.5/11

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

Left In: 4837.501+/-1.210 χ^2/NDF : 477673.7/9

Left: 4425.625+/-0.782 χ^2/NDF : 2443369.1/21

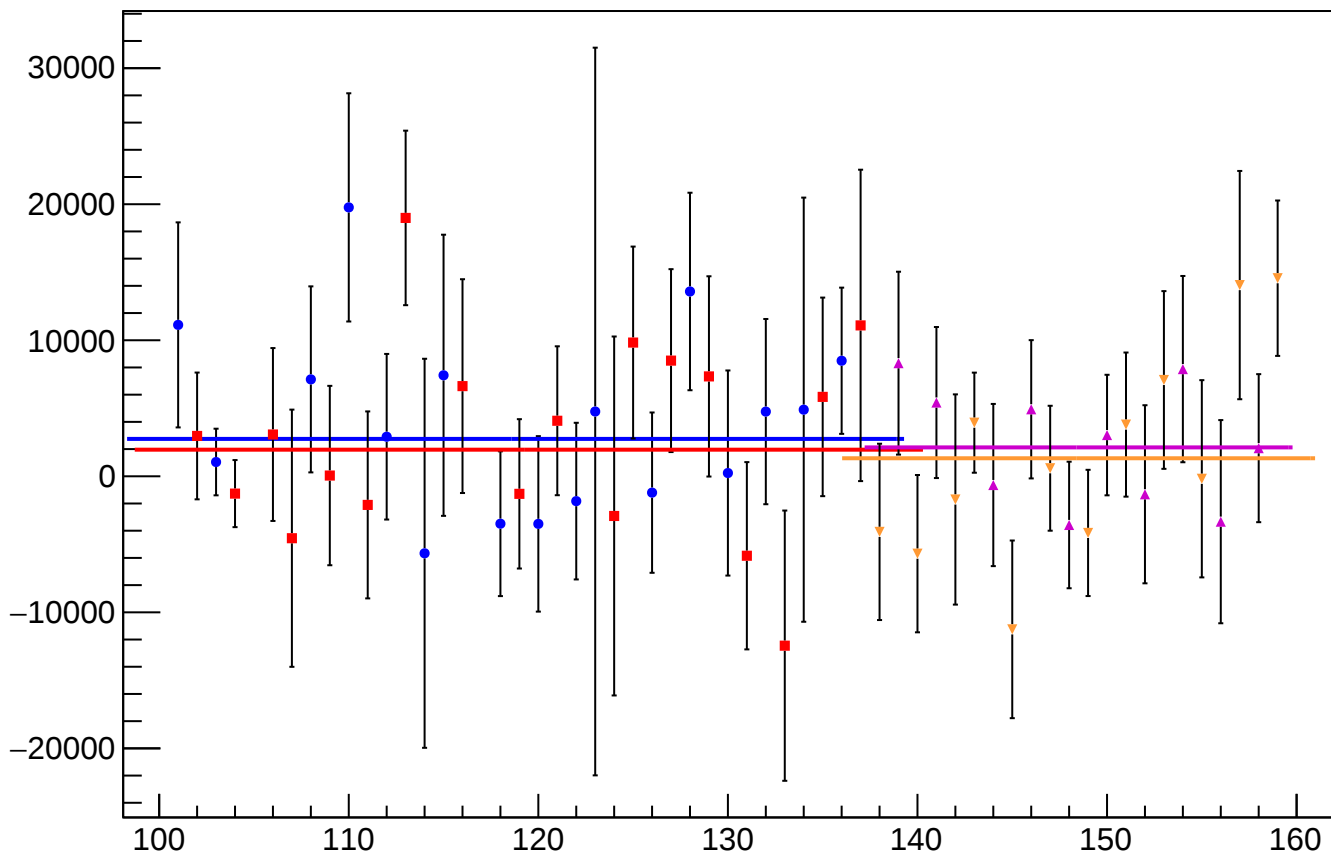
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

In: 3458.298+/-0.699 χ^2/NDF : 5369071.3/26

Out: 3180.940+/-0.630 χ^2/NDF : 6464219.3/29

All: 3305.174+/-0.468 χ^2/NDF : 11920096.3/5

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: 1325.464+/-1612.351 χ^2/NDF : 16.7/11

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

Left In: 2123.866+/-1781.879 χ^2/NDF : 4.8/9

Left: 1684.887+/-1195.558 χ^2/NDF : 21.6/21

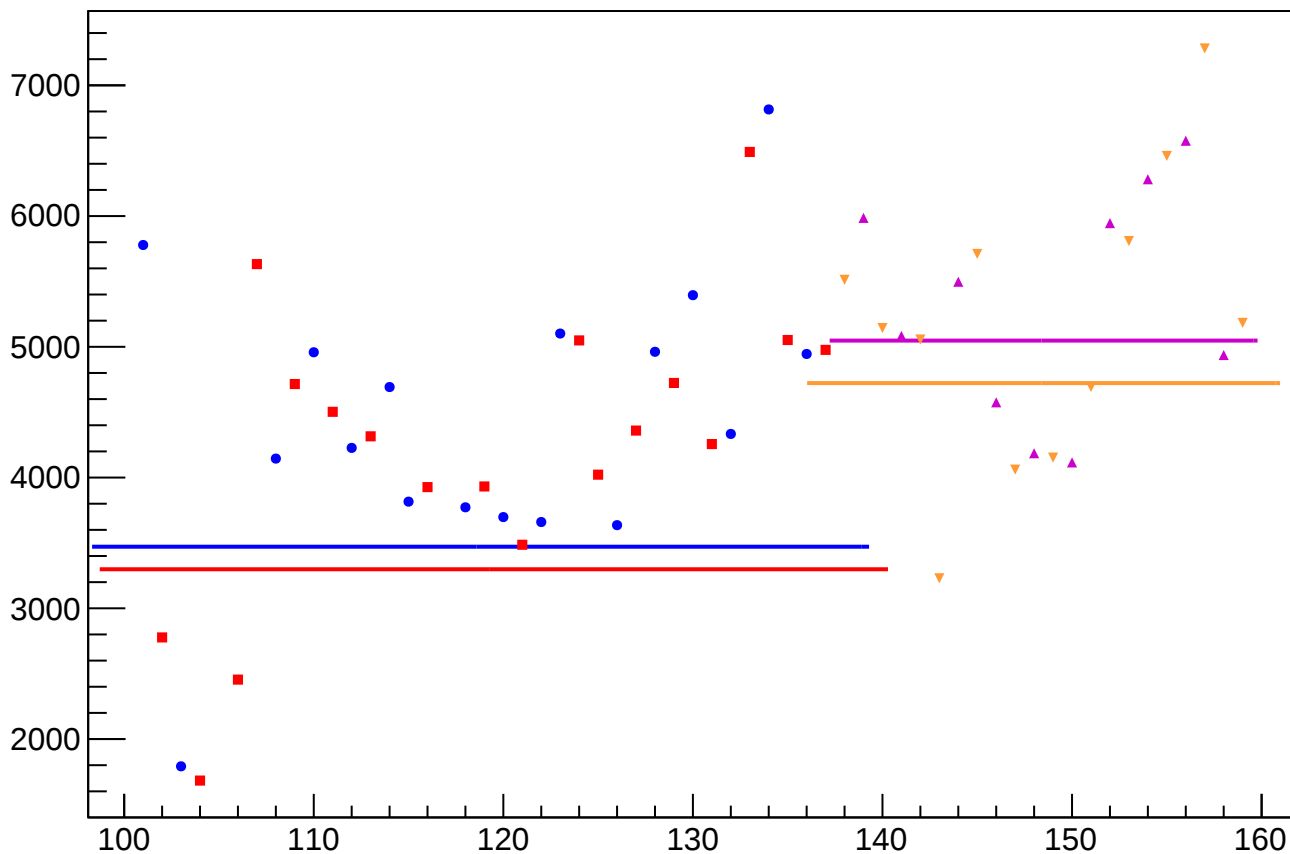
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

In: 2500.218+/-1123.107 χ^2/NDF : 18.6/26

Out: 1688.396+/-1050.304 χ^2/NDF : 34.5/29

All: 2067.144+/-767.124 χ^2/NDF : 53.5/56

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: 4722.404+/-1.140 χ^2/NDF : 860372.4/11

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

Left In: 5047.628+/-1.260 χ^2/NDF : 412090.1/9

Left: 4868.813+/-0.845 χ^2/NDF : 1309094.6/21

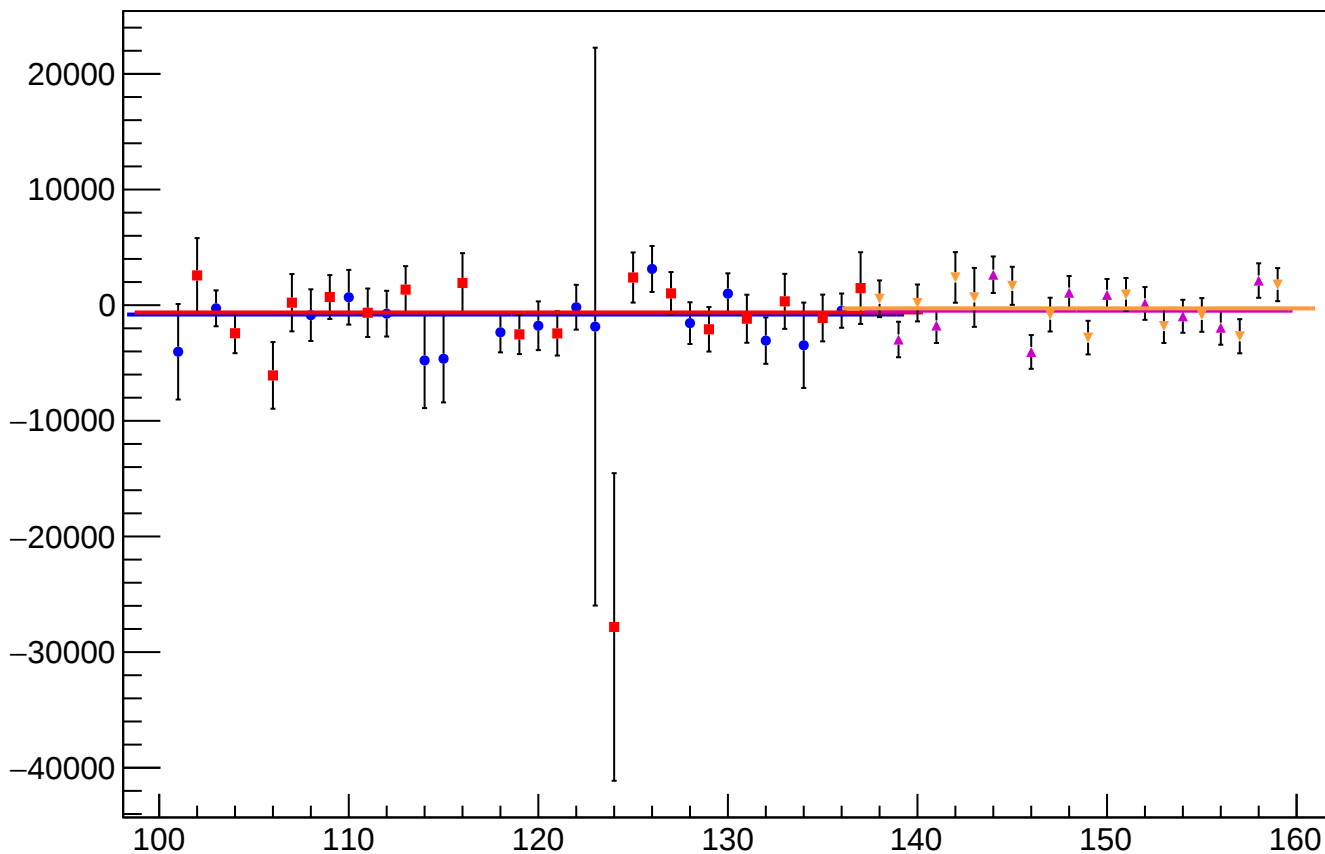
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

In: 4097.422+/-0.794 χ^2/NDF : 3123562.0/26

Out: 3896.404+/-0.739 χ^2/NDF : 3651132.9/29

All: 3989.656+/-0.541 χ^2/NDF : 6809044.1/56

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: -276.483+/-454.486 χ^2/NDF :13.2/11

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

Left In: -475.442+/-463.944 χ^2/NDF :19.7/9

Left: -373.914+/-324.662 χ^2/NDF : 33.1/21

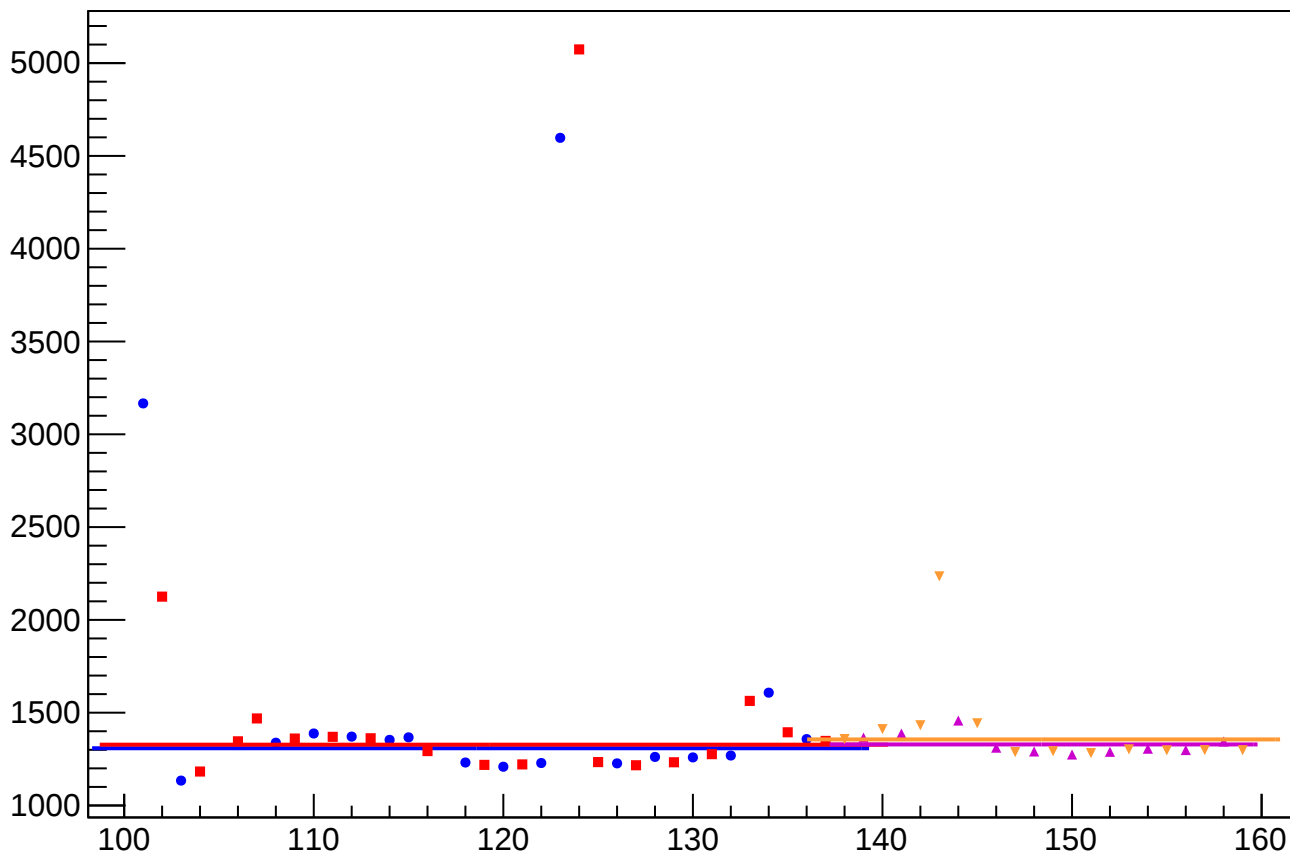
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

In: -623.861+/-345.650 χ^2/NDF :31.2/26

Out: -431.569+/-340.747 χ^2/NDF :32.1/29

All: -526.341+/-242.659 χ^2/NDF : 63.4/56

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1355.971+/-0.321 χ^2/NDF : 274136.4/11

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

Left In: 1328.943+/-0.328 χ^2/NDF : 25455.9/9

Left: 1342.735+/-0.230 χ^2/NDF : 303056.1/21

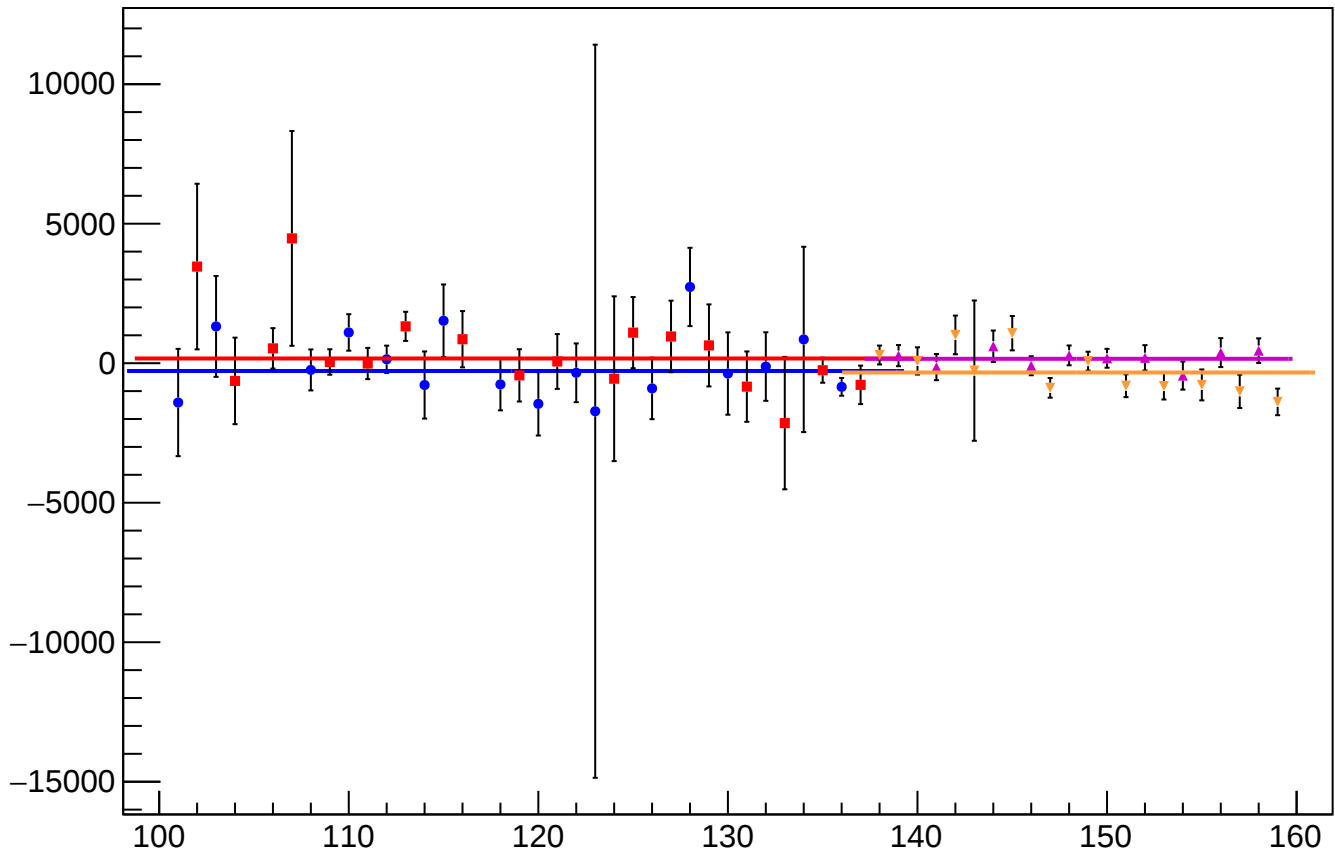
Right: 1318.067+/-0.258 χ^2/NDF : 865268.7/34

In: 1319.788+/-0.244 χ^2/NDF : 533751.4/26

Out: 1343.568+/-0.241 χ^2/NDF : 634868.6/29

All: 1331.848+/-0.172 χ^2/NDF : 1173420.8/56

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: -332.947+/-134.370 χ^2/NDF : 26.2/11

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

Left In: 157.595+/-131.637 χ^2/NDF : 3.9/9

Left: -82.638+/-94.033 χ^2/NDF : 36.9/21

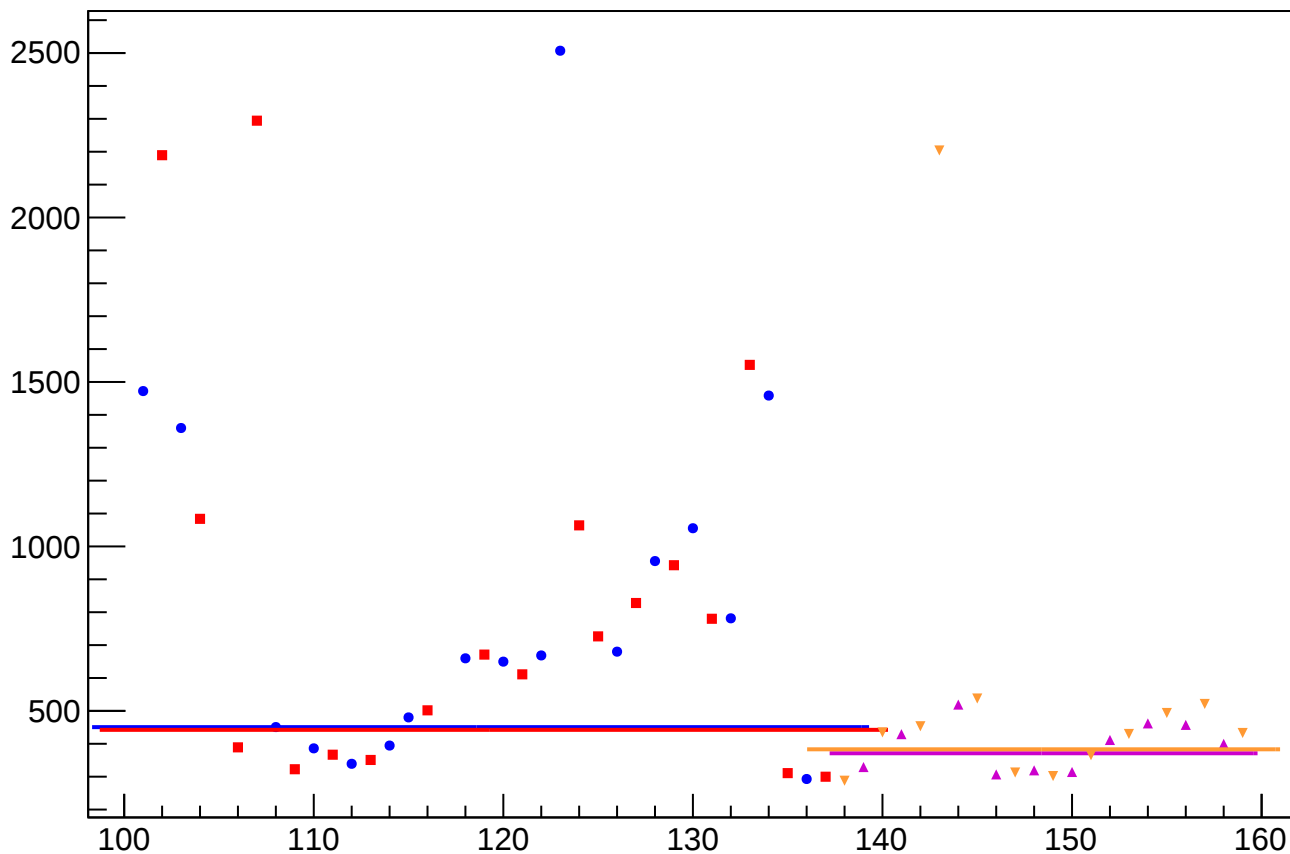
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

In: 23.973+/-109.642 χ^2/NDF : 25.3/26

Out: -168.290+/-110.180 χ^2/NDF : 45.2/29

All: -71.688+/-77.718 χ^2/NDF : 71.9/56

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 383.199 $\pm$ 0.095 χ^2 /NDF:1803227.9/11

Right Out: 442.368 $\pm$ 0.136 χ^2 /NDF: 3368329.0/17

Left In: 371.163 $\pm$ 0.093 χ^2 /NDF:509432.0/9

Left: 377.057 $\pm$ 0.066 χ^2 /NDF: 2320848.8/21

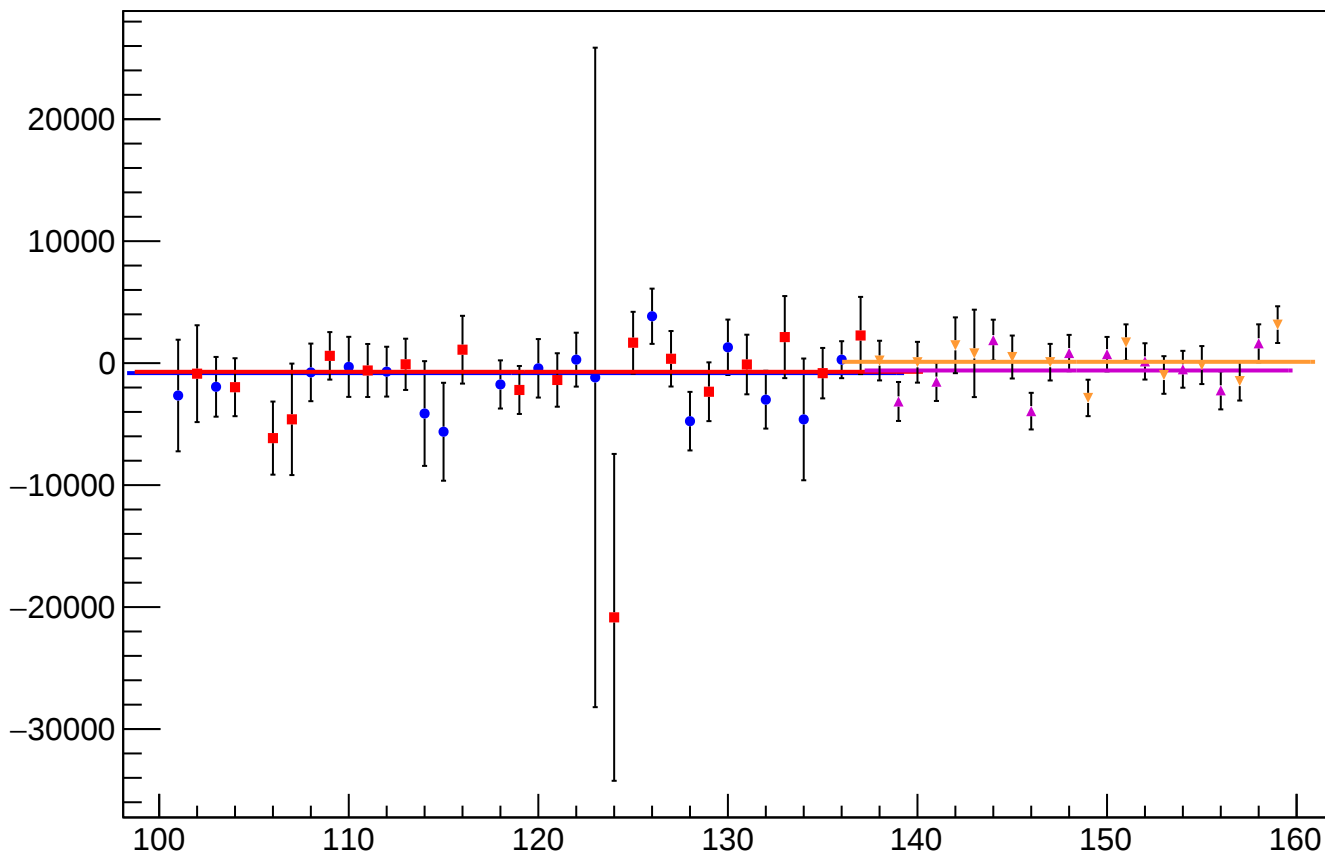
Right: 446.363 $\pm$ 0.098 χ^2 /NDF: 6367838.5/34

In: 395.490 $\pm$ 0.078 χ^2 /NDF:3730194.9/26

Out: 402.585 $\pm$ 0.078 χ^2 /NDF:5298616.0/29

All: 399.020 $\pm$ 0.055 χ^2 /NDF: 9032978.5/56

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: 108.870+/-479.998 χ^2/NDF : 11.1/11

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

Left In: -602.483+/-484.624 χ^2/NDF : 15.2/9

Left: -243.395+/-341.034 χ^2/NDF : 27.4/21

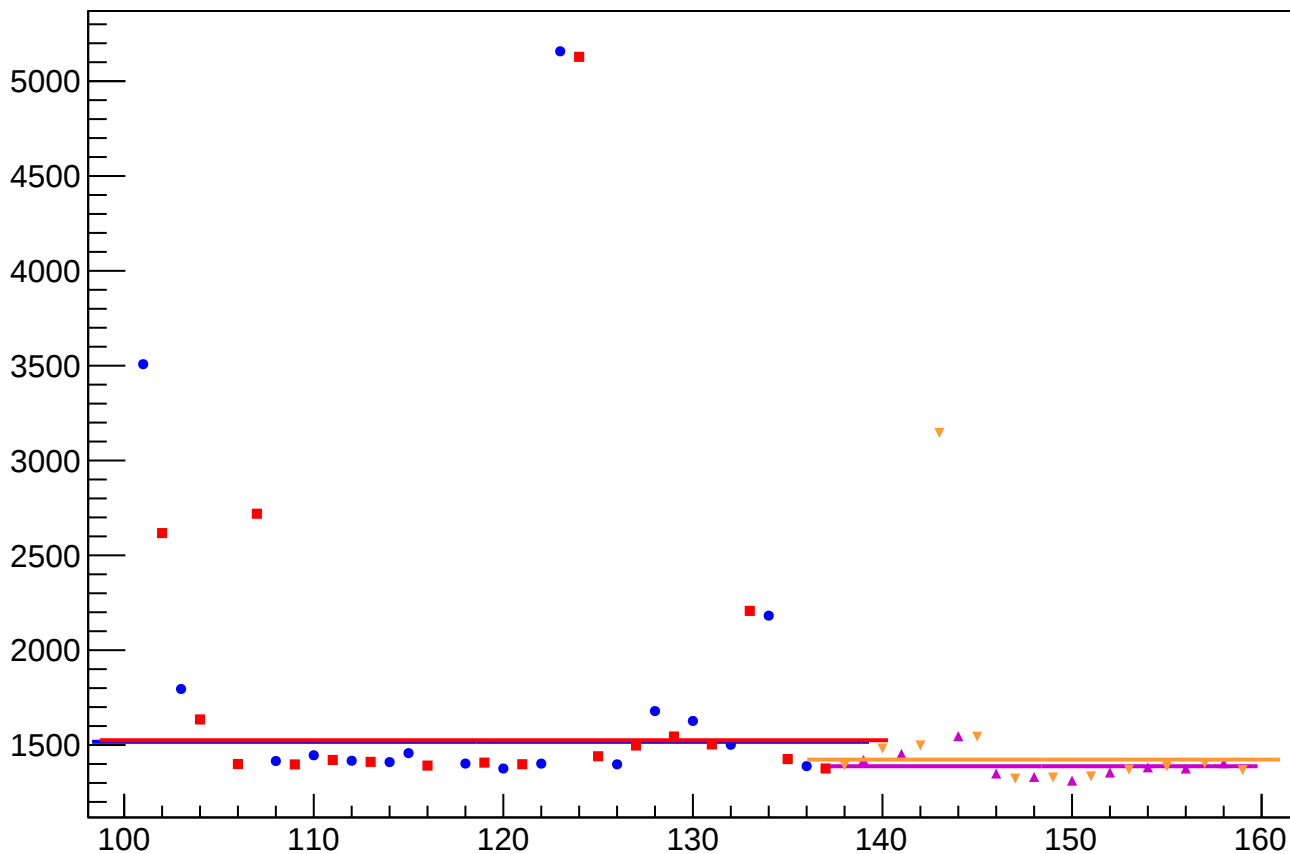
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

In: -687.025+/-377.291 χ^2/NDF : 28.0/26

Out: -213.499+/-373.851 χ^2/NDF : 23.7/29

All: -448.093+/-265.560 χ^2/NDF : 52.5/56

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: 1423.038+/-0.339 χ^2/NDF : 507265.1/11

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

Left In: 1388.043+/-0.343 χ^2/NDF : 33553.0/9

Left: 1405.708+/-0.241 χ^2/NDF : 546082.6/21

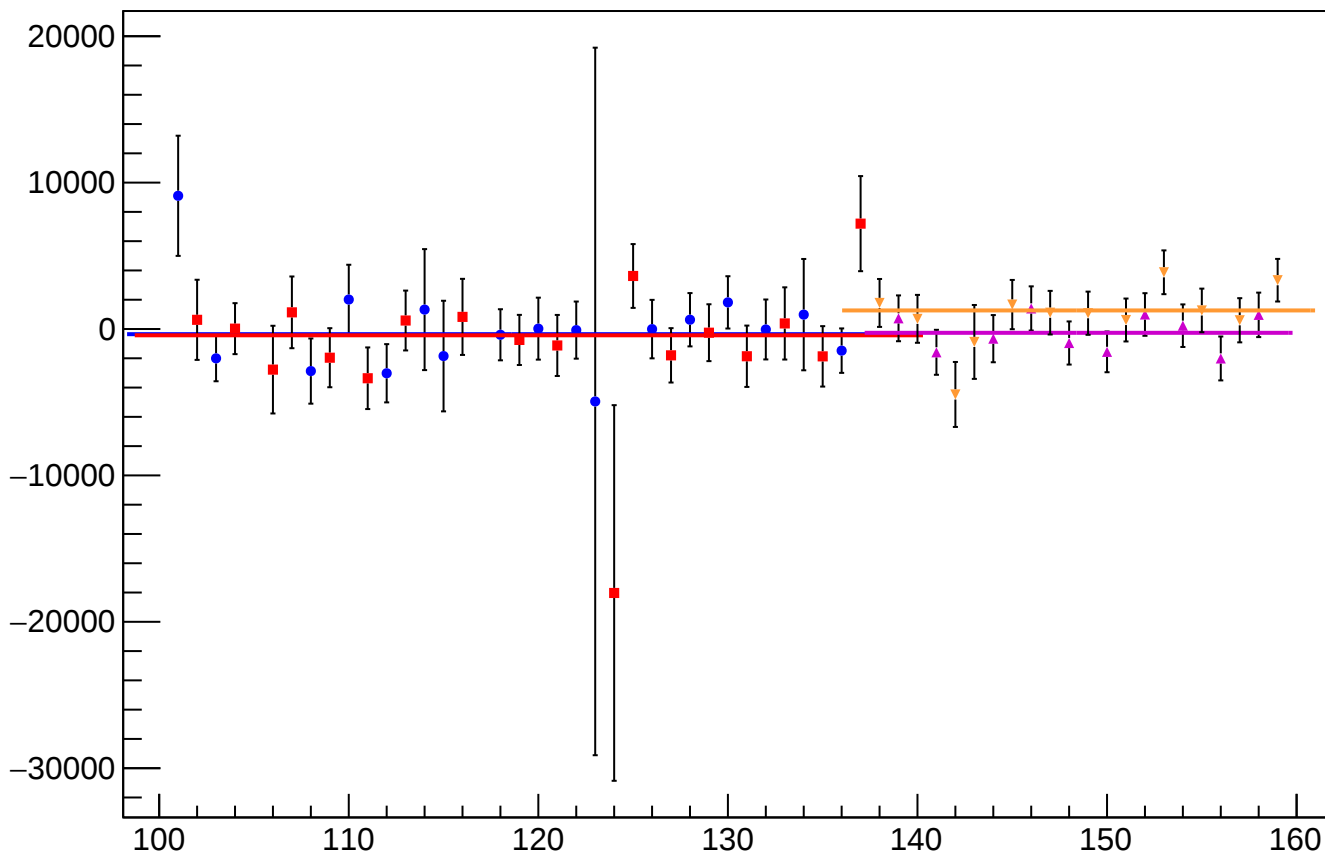
Right: 1521.052+/-0.299 χ^2/NDF : 1113154.8/34

In: 1438.814+/-0.267 χ^2/NDF : 630319.4/26

Out: 1463.187+/-0.264 χ^2/NDF : 1114764.5/29

All: 1451.112+/-0.188 χ^2/NDF : 1749295.3/56

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: 1268.937+/-463.993 χ^2/NDF :13.2/11

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

Left In: -259.963+/-473.674 χ^2/NDF :6.4/9

Left: 520.271+/-331.462 χ^2/NDF : 24.9/21

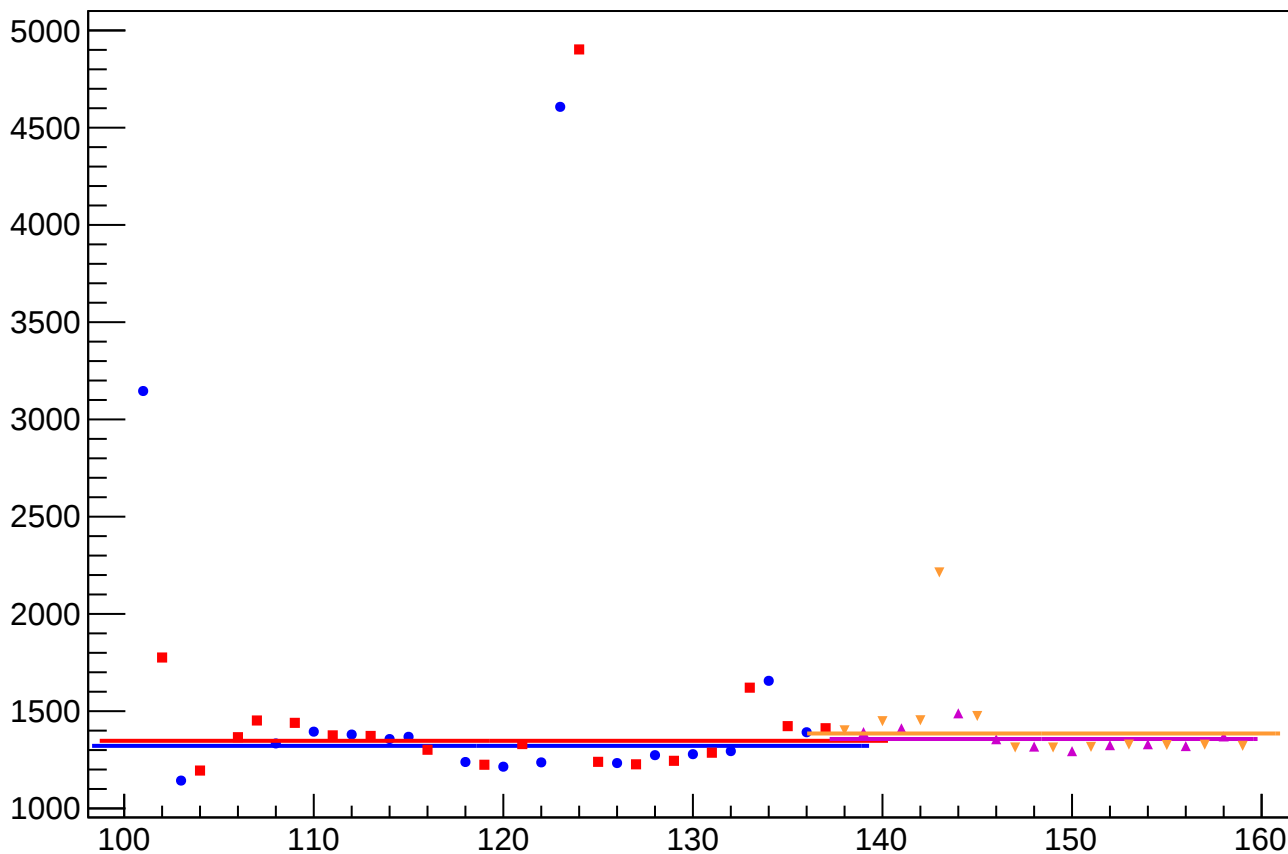
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

In: -301.918+/-351.183 χ^2/NDF :19.8/26

Out: 519.990+/-346.895 χ^2/NDF :35.9/29

All: 114.084+/-246.794 χ^2/NDF : 58.5/56

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: 1385.264 $\pm$ 0.328 χ^2 /NDF: 252813.2/11

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

Left In: 1356.934 $\pm$ 0.335 χ^2 /NDF: 25412.6/9

Left: 1371.391 $\pm$ 0.234 χ^2 /NDF: 281876.7/21

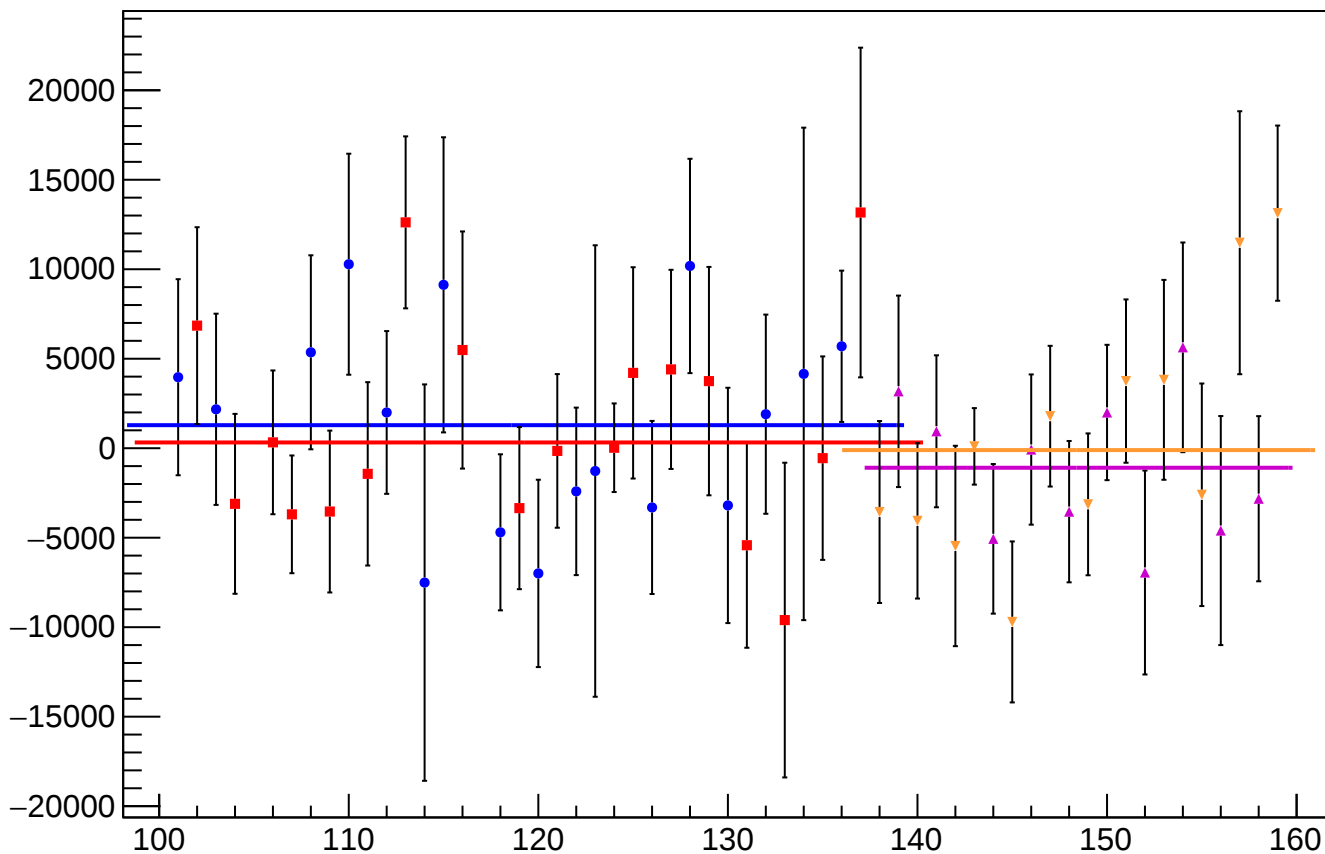
Right: 1334.706 $\pm$ 0.261 χ^2 /NDF: 791010.5/34

In: 1341.068 $\pm$ 0.248 χ^2 /NDF: 532640.9/26

Out: 1368.662 $\pm$ 0.245 χ^2 /NDF: 544915.9/29

All: 1355.038 $\pm$ 0.174 χ^2 /NDF: 1083808.0/56

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: -105.260+/-1206.904 χ^2/NDF : 18.8/11

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

Left In: -1091.497+/-1458.862 χ^2/NDF : 5.7/9

Left: -505.989+/-929.927 χ^2/NDF : 24.7/21

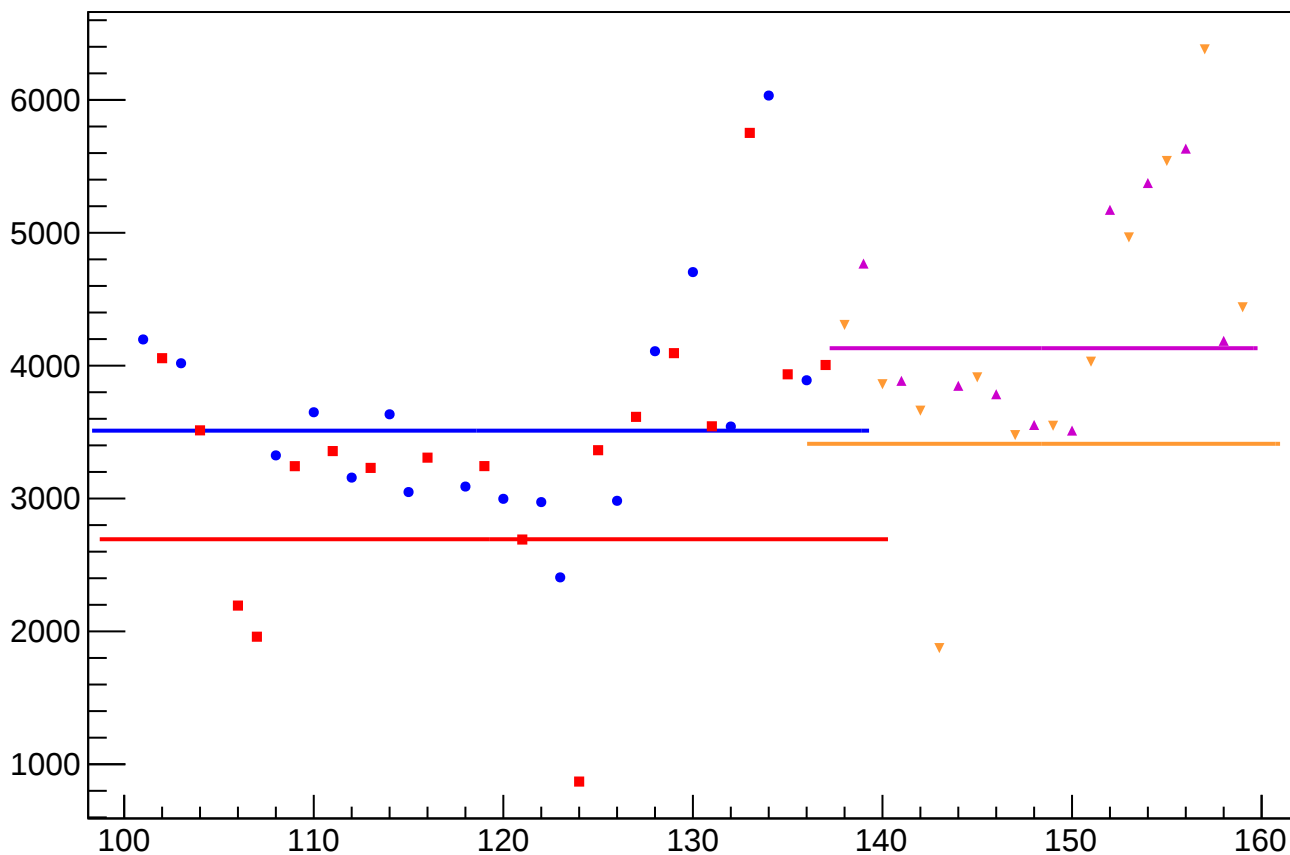
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

In: 167.603+/-1000.935 χ^2/NDF : 21.4/26

Out: 126.788+/-815.235 χ^2/NDF : 36.4/29

All: 143.065+/-632.104 χ^2/NDF : 57.8/56

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: 3411.841 $\pm$ 0.853 χ^2 /NDF:1990187.6/11

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

Left In: 4131.408 $\pm$ 1.032 χ^2 /NDF:421860.3/9

Left: 3704.216 $\pm$ 0.658 χ^2 /NDF: 2700913.6/21

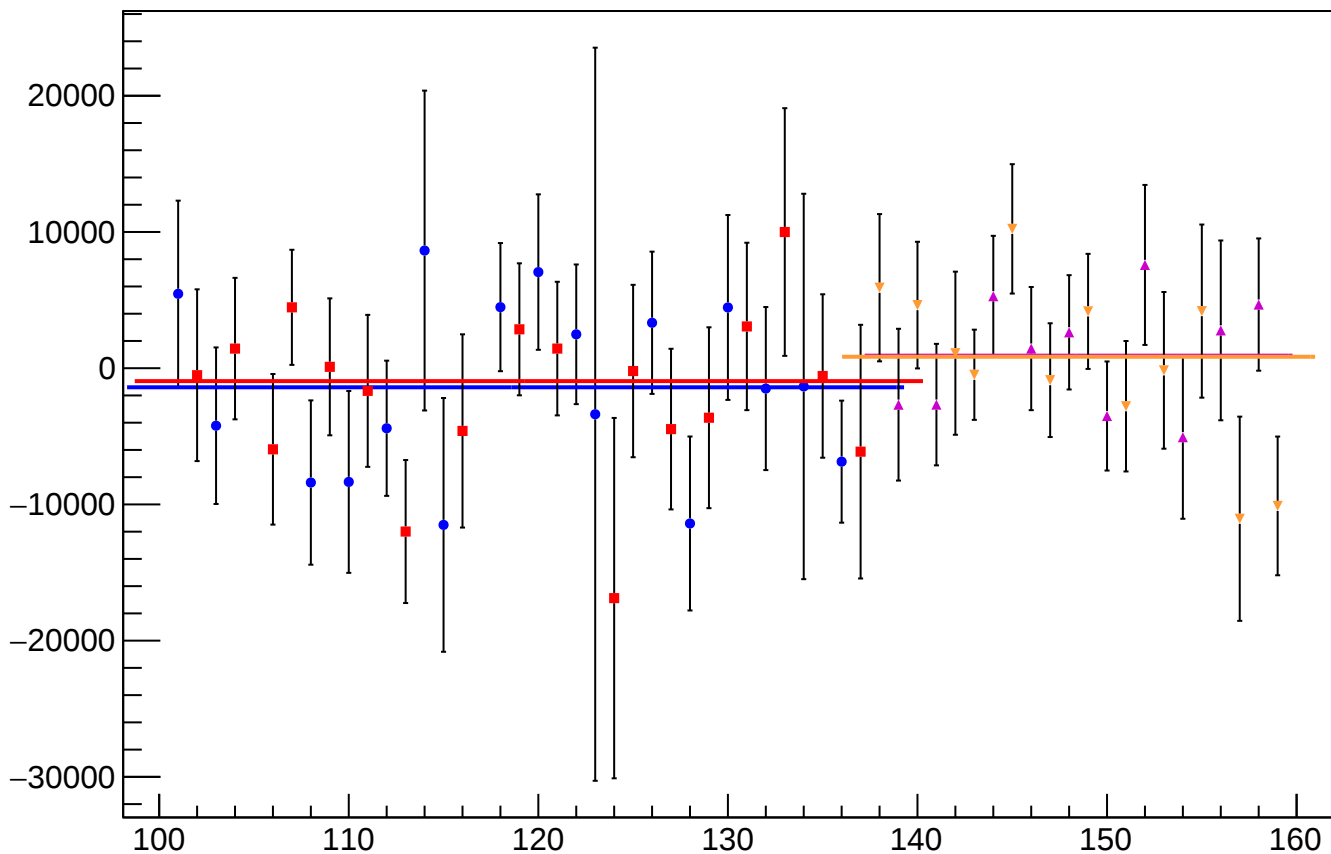
Right: 3014.176 $\pm$ 0.609 χ^2 /NDF: 2898733.2/34

In: 3802.946 $\pm$ 0.708 χ^2 /NDF:957475.1/26

Out: 3021.257 $\pm$ 0.576 χ^2 /NDF:4501266.5/29

All: 3333.002 $\pm$ 0.447 χ^2 /NDF: 6192068.8/56

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: 841.219 $\pm$ 1397.043 χ^2 /NDF:14.4/11

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

Left In: 920.091 $\pm$ 1536.162 χ^2 /NDF:6.4/9

Left: 876.923 $\pm$ 1033.550 χ^2 /NDF: 20.8/21

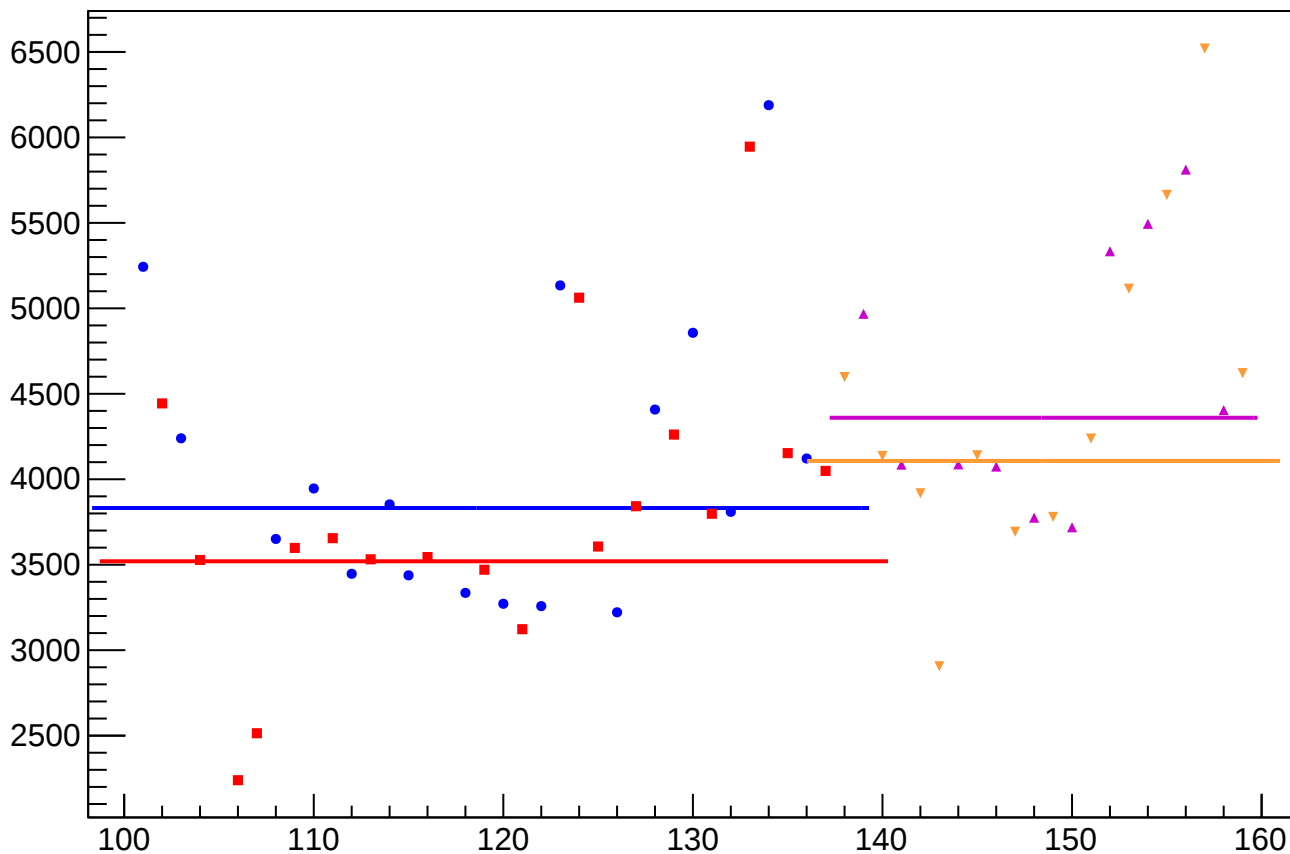
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

In: -265.117 $\pm$ 1074.734 χ^2 /NDF:23.4/26

Out: -62.596 $\pm$ 982.752 χ^2 /NDF:27.7/29

All: -154.821 $\pm$ 725.253 χ^2 /NDF: 51.1/56

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: 4107.387+/-0.988 χ^2/NDF : 724199.0/11

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

Left In: 4359.721+/-1.086 χ^2/NDF : 360833.8/9

Left: 4221.613+/-0.731 χ^2/NDF : 1114568.6/21

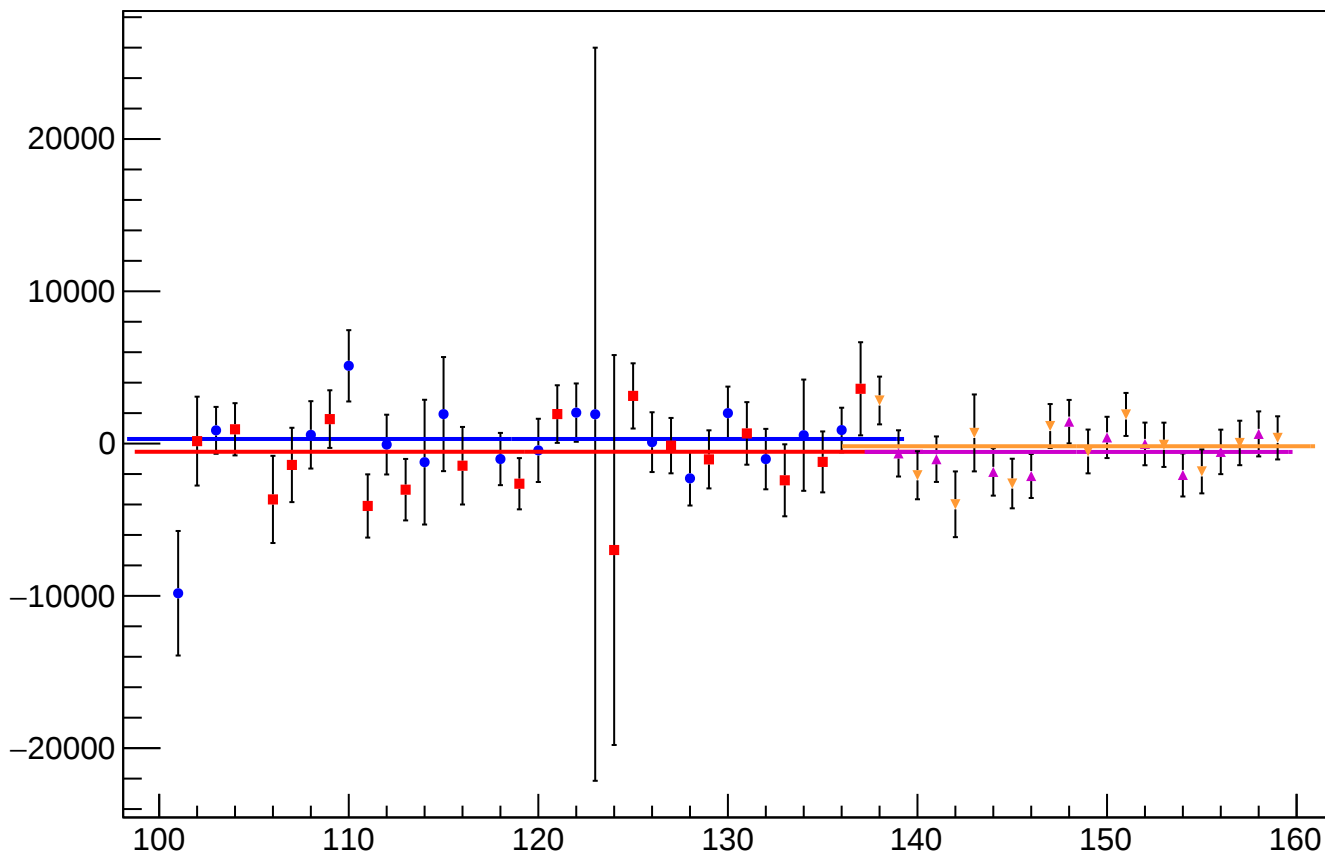
Right: 3661.502+/-0.716 χ^2/NDF : 928771.8/34

In: 4090.205+/-0.760 χ^2/NDF : 819126.1/26

Out: 3808.065+/-0.692 χ^2/NDF : 1448451.4/29

All: 3935.897+/-0.512 χ^2/NDF : 2342963.7/56

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 301.968 ± 512.834 χ^2/NDF : 16.1/16

Left Out: -174.907 ± 449.819 χ^2/NDF : 15.2/11

Right Out: -537.727 ± 508.684 χ^2/NDF : 17.5/17

Left In: -549.263 ± 459.089 χ^2/NDF : 6.4/9

Left: -358.267 ± 321.297 χ^2/NDF : 21.9/21

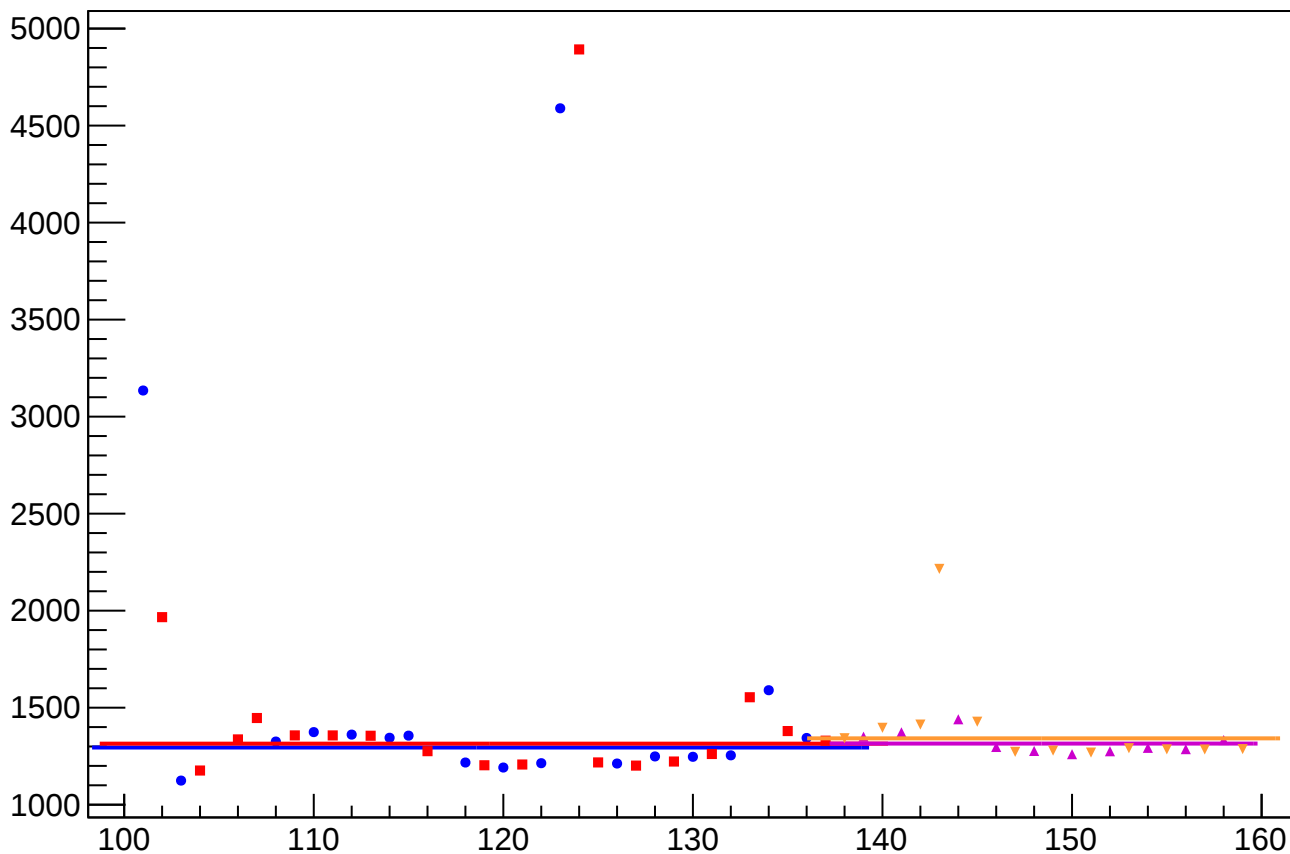
Right: -121.291 ± 361.152 χ^2/NDF : 34.9/34

In: -170.575 ± 342.053 χ^2/NDF : 24.0/26

Out: -334.119 ± 336.969 χ^2/NDF : 33.0/29

All: -253.571 ± 240.050 χ^2/NDF : 57.0/56

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1294.729 $\pm$ 0.363 χ^2 /NDF: 507803.9/16

Left Out: 1341.936 $\pm$ 0.318 χ^2 /NDF: 274798.4/11

Right Out: 1314.588 $\pm$ 0.360 χ^2 /NDF: 333838.6/17

Left In: 1315.021 $\pm$ 0.325 χ^2 /NDF: 25152.8/9

Left: 1328.753 $\pm$ 0.227 χ^2 /NDF: 303458.3/21

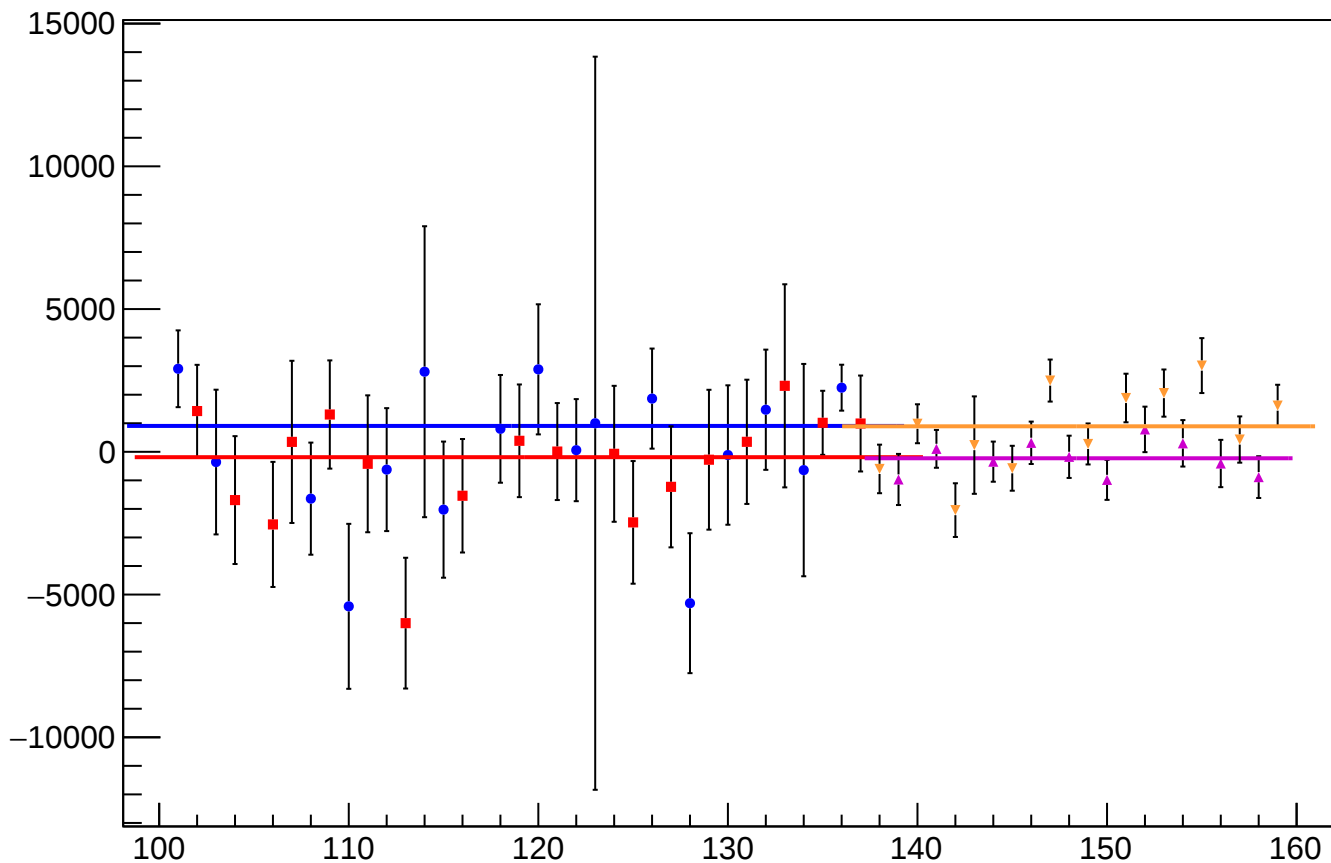
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

In: 1305.994 $\pm$ 0.242 χ^2 /NDF: 534695.1/26

Out: 1329.935 $\pm$ 0.238 χ^2 /NDF: 611881.1/29

All: 1318.144 $\pm$ 0.170 χ^2 /NDF: 1151548.5/56

asym_atl_dd_atr_dd_dd_correction_mean vs Slug, Sign Corrected



Right In: 906.688 $\pm$ 455.840 χ^2 /NDF: 22.0/16

Left Out: 893.298 $\pm$ 237.475 χ^2 /NDF:31.5/11

Right Out: -188.170 $\pm$ 464.537 χ^2 /NDF: 13.8/17

Left In: -226.207 $\pm$ 238.114 χ^2 /NDF:5.6/9

Left: 335.049 $\pm$ 168.146 χ^2 /NDF: 48.1/21

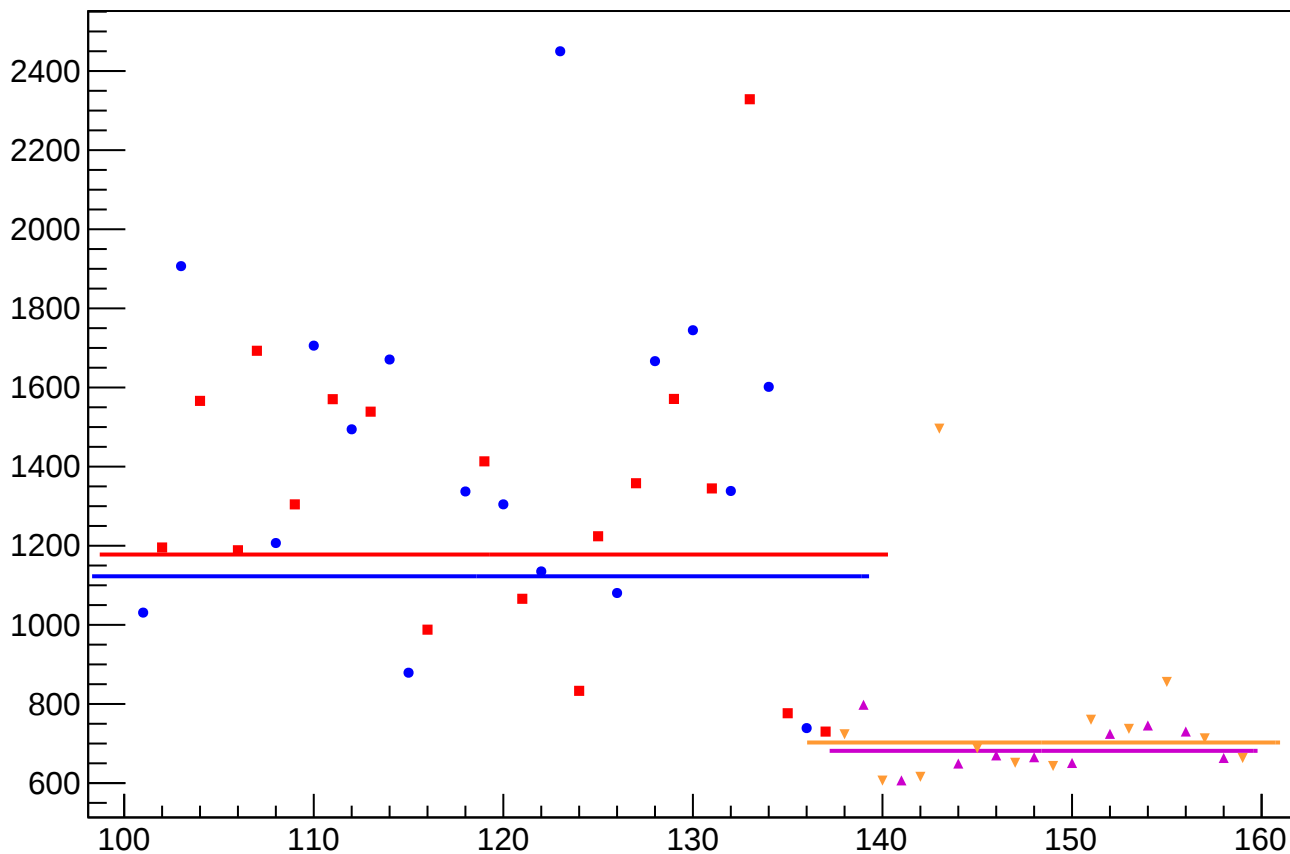
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 16.651 $\pm$ 211.054 χ^2 /NDF:32.4/26

Out: 669.230 $\pm$ 211.448 χ^2 /NDF:49.6/29

All: 342.332 $\pm$ 149.377 χ^2 /NDF: 86.8/56

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: 702.629+/-0.168 χ^2/NDF : 583709.9/11

Right Out: 1177.797+/-0.328 χ^2/NDF : 1021710.1/17

Left In: 681.537+/-0.168 χ^2/NDF : 95062.6/9

Left: 692.111+/-0.119 χ^2/NDF : 686640.5/21

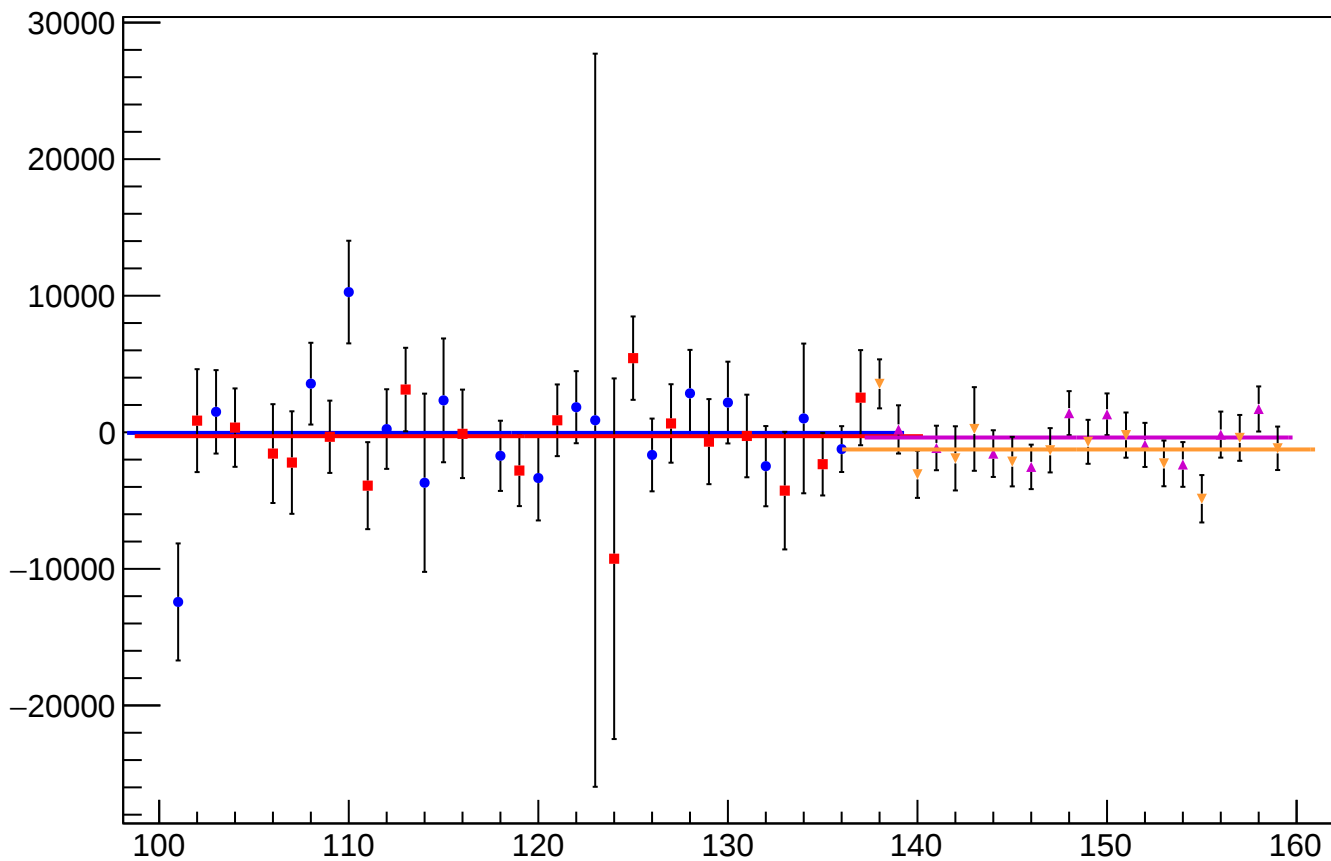
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 776.124+/-0.149 χ^2/NDF : 2755258.3/26

Out: 801.079+/-0.150 χ^2/NDF : 3264448.1/29

All: 788.578+/-0.106 χ^2/NDF : 6033660.7/56

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: -1257.113 ± 512.442 χ^2/NDF : 14.3/11

Right Out: -285.373 ± 735.391 χ^2/NDF : 10.6/17

Left In: -381.988 ± 519.496 χ^2/NDF : 8.2/9

Left: -825.532 ± 364.820 χ^2/NDF : 24.0/21

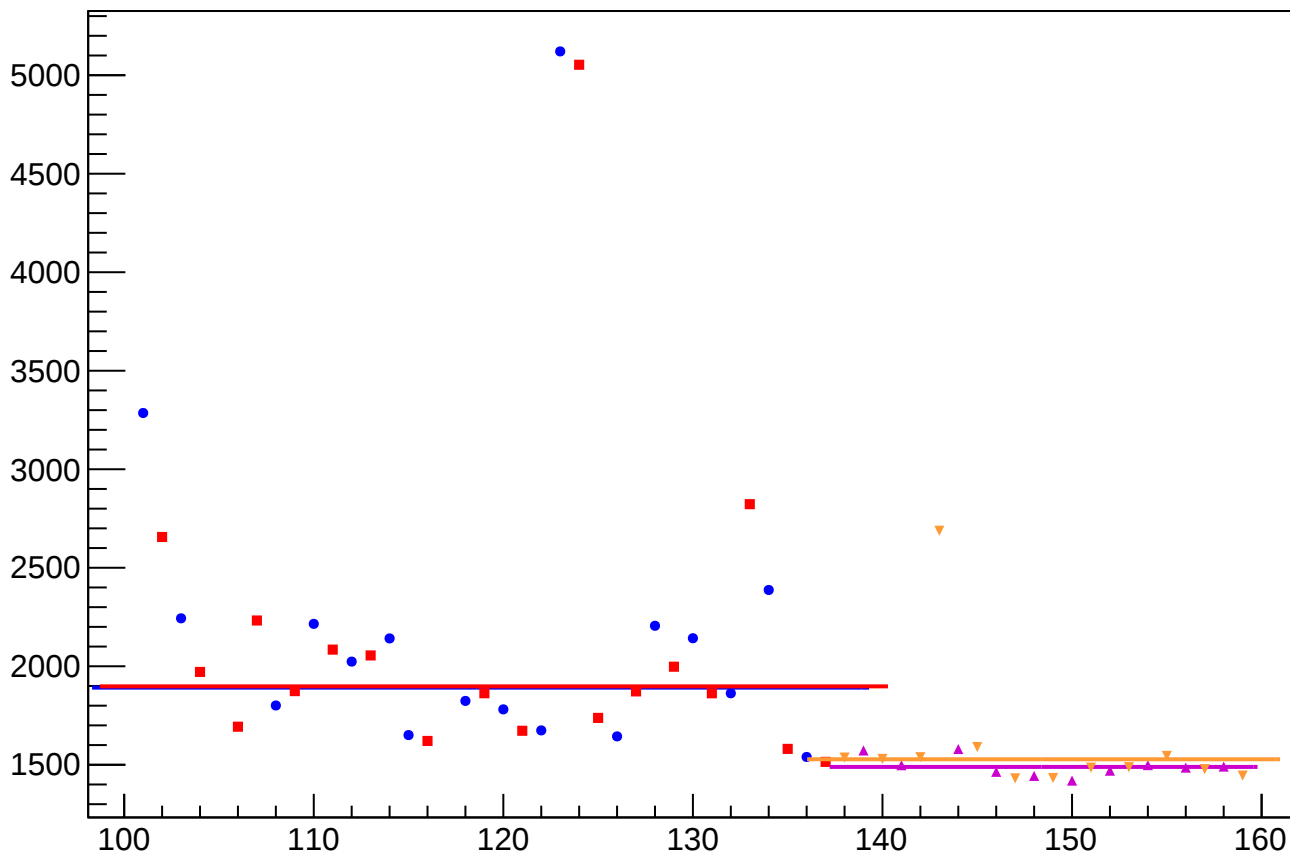
Right: -166.852 ± 524.259 χ^2/NDF : 33.9/34

In: -272.046 ± 426.608 χ^2/NDF : 31.6/26

Out: -939.492 ± 420.434 χ^2/NDF : 26.1/29

All: -610.634 ± 299.451 χ^2/NDF : 58.9/56

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: 1527.877+/-0.362 χ^2/NDF : 313263.5/11

Right Out: 1898.010+/-0.520 χ^2/NDF : 423694.9/17

Left In: 1489.135+/-0.367 χ^2/NDF : 16719.1/9

Left: 1508.771+/-0.258 χ^2/NDF : 335620.1/21

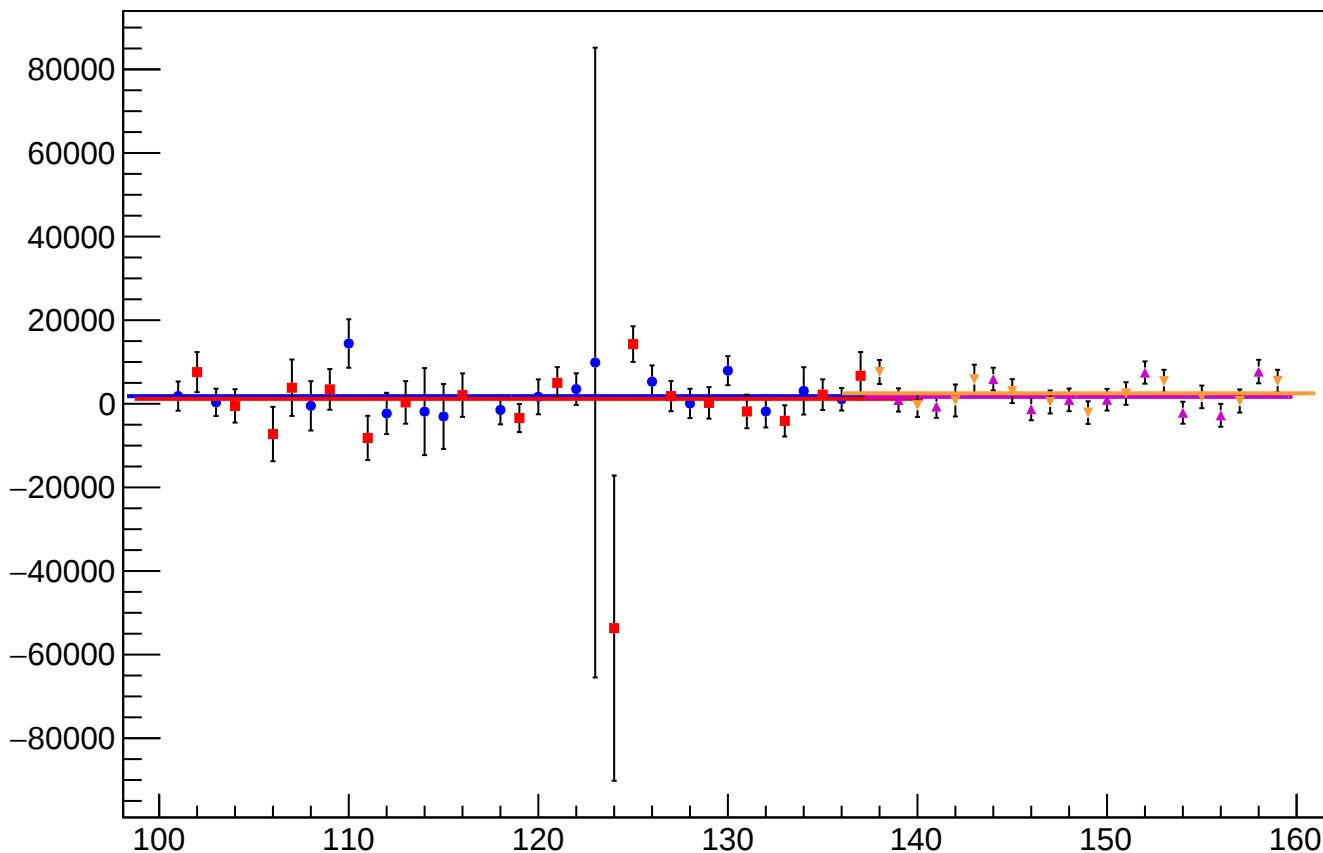
Right: 1894.891+/-0.371 χ^2/NDF : 892856.4/34

In: 1620.215+/-0.302 χ^2/NDF : 876833.7/26

Out: 1648.860+/-0.297 χ^2/NDF : 1078013.4/29

All: 1634.747+/-0.212 χ^2/NDF : 1959421.4/56

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2 /NDF: 12.6/16

Left Out: 2512.300+/-826.100 χ^2 /NDF:11.6/11

Right Out: 1182.804+/-1049.924 χ^2 /NDF: 25.5/17

Left In: 1662.723+/-853.022 χ^2 /NDF:18.7/9

Left: 2101.129+/-593.430 χ^2 /NDF: 30.9/21

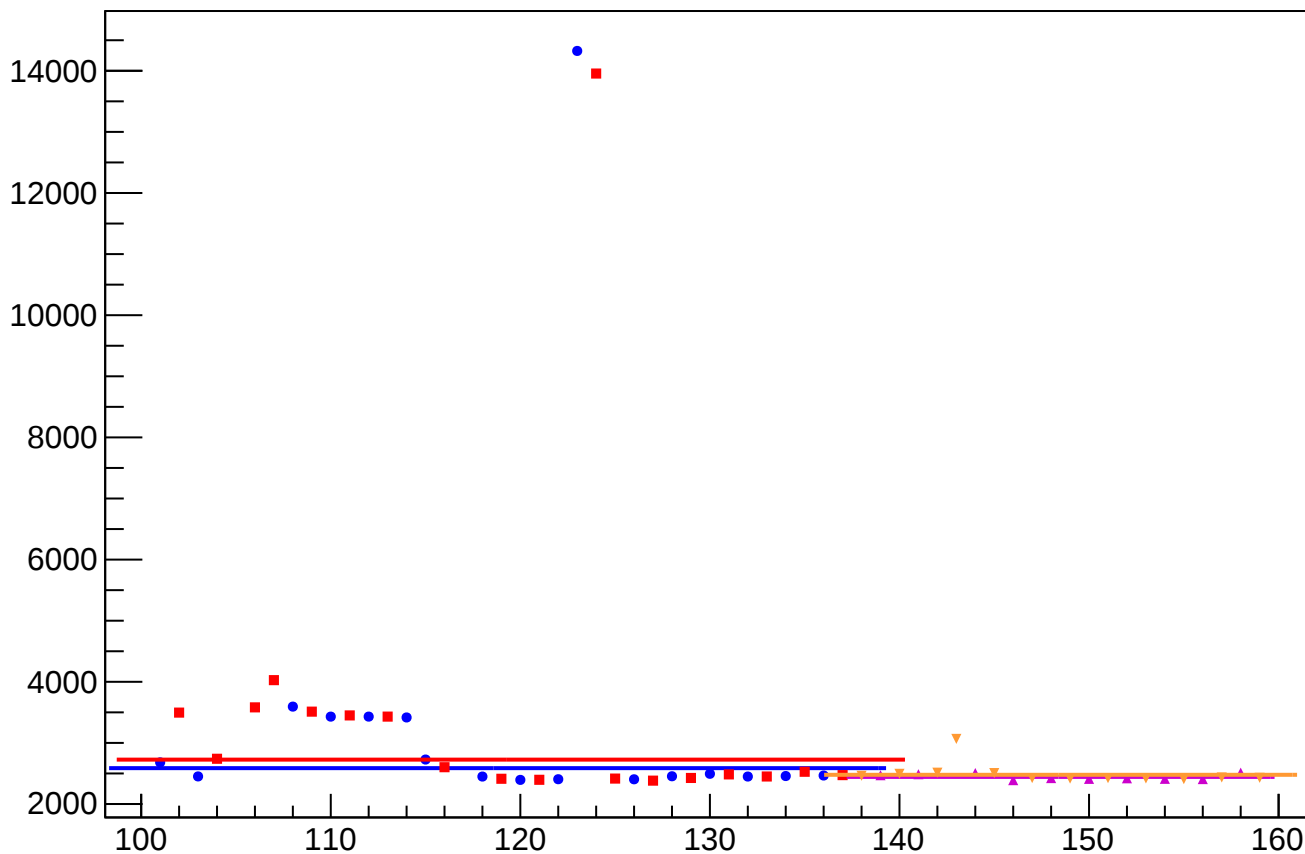
Right: 1516.312+/-727.946 χ^2 /NDF: 38.2/34

In: 1730.289+/-651.737 χ^2 /NDF:31.3/26

Out: 2003.945+/-649.229 χ^2 /NDF:38.1/29

All: 1867.644+/-459.958 χ^2 /NDF: 69.5/56

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978+/-0.714 χ^2/NDF : 254112.7/16

Left Out: 2478.065+/-0.584 χ^2/NDF : 62281.6/11

Right Out: 2726.457+/-0.742 χ^2/NDF : 580850.1/17

Left In: 2443.493+/-0.603 χ^2/NDF : 5015.3/9

Left: 2461.333+/-0.420 χ^2/NDF : 68992.2/21

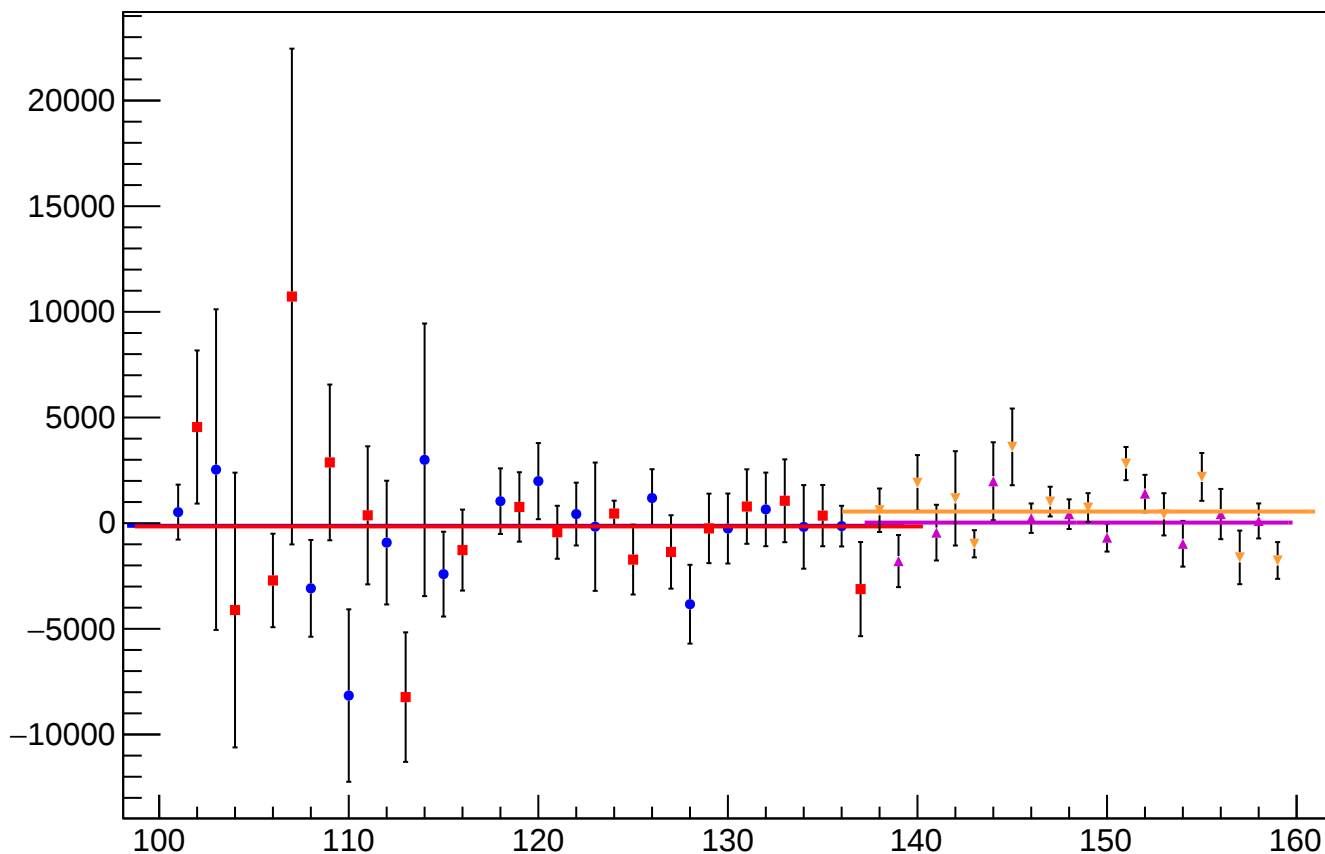
Right: 2654.027+/-0.515 χ^2/NDF : 853292.0/34

In: 2503.219+/-0.461 χ^2/NDF : 282683.0/26

Out: 2573.042+/-0.459 χ^2/NDF : 712270.2/29

All: 2538.265+/-0.325 χ^2/NDF : 1006475.0/56

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472+/-430.760 χ^2/NDF : 14.7/16

Left Out: 549.927+/-267.605 χ^2/NDF :30.6/11

Right Out: -154.579+/-380.922 χ^2/NDF : 17.6/17

Left In: 28.045+/-286.410 χ^2/NDF :8.4/9

Left: 306.680+/-195.536 χ^2/NDF : 40.8/21

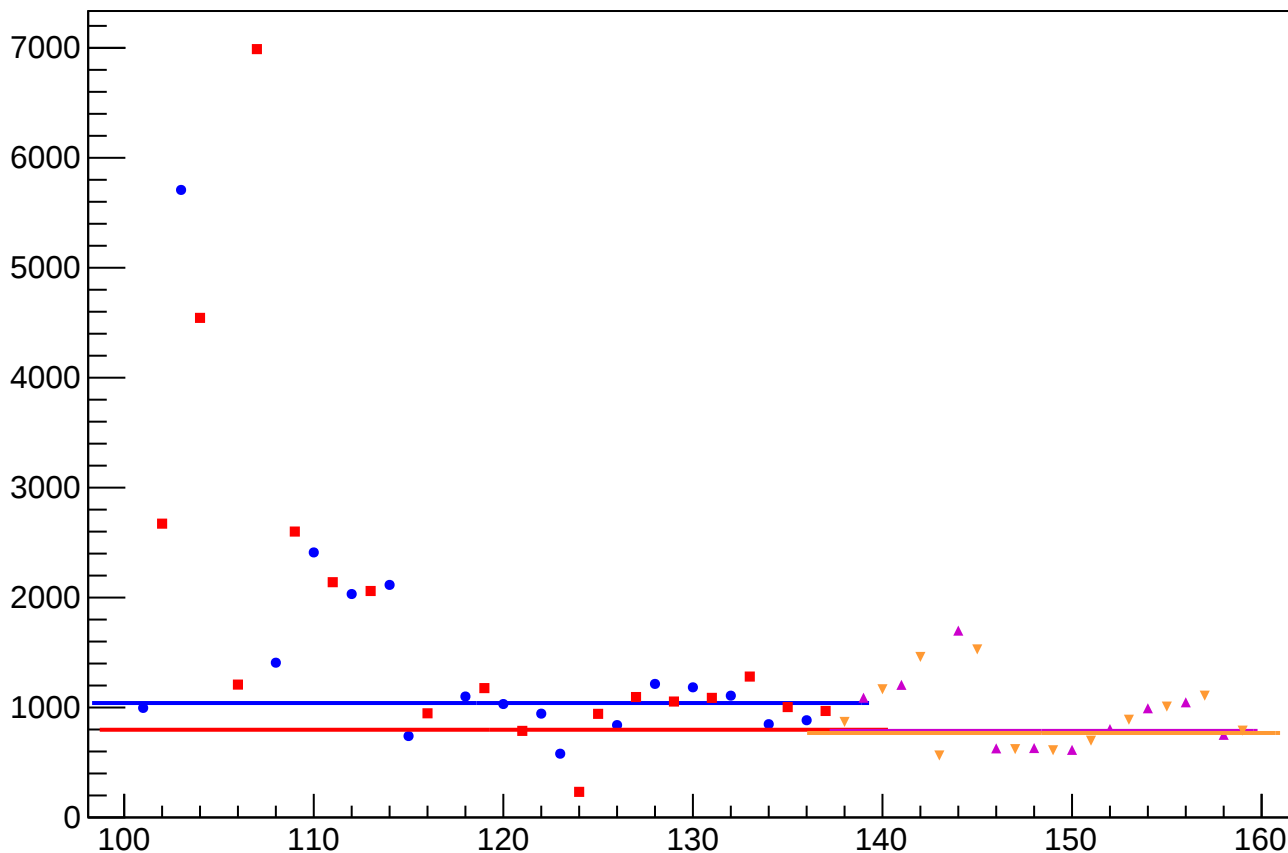
Right: -141.367+/-285.354 χ^2/NDF : 32.3/34

In: -18.710+/-238.503 χ^2/NDF :23.2/26

Out: 317.125+/-218.971 χ^2/NDF :50.5/29

All: 163.520+/-161.300 χ^2/NDF : 74.7/56

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 768.391+/-0.189 χ^2/NDF : 1420656.7/11

Right Out: 797.732+/-0.269 χ^2/NDF : 5174332.0/17

Left In: 787.288+/-0.203 χ^2/NDF : 1321966.0/9

Left: 777.199+/-0.138 χ^2/NDF : 2747270.8/21

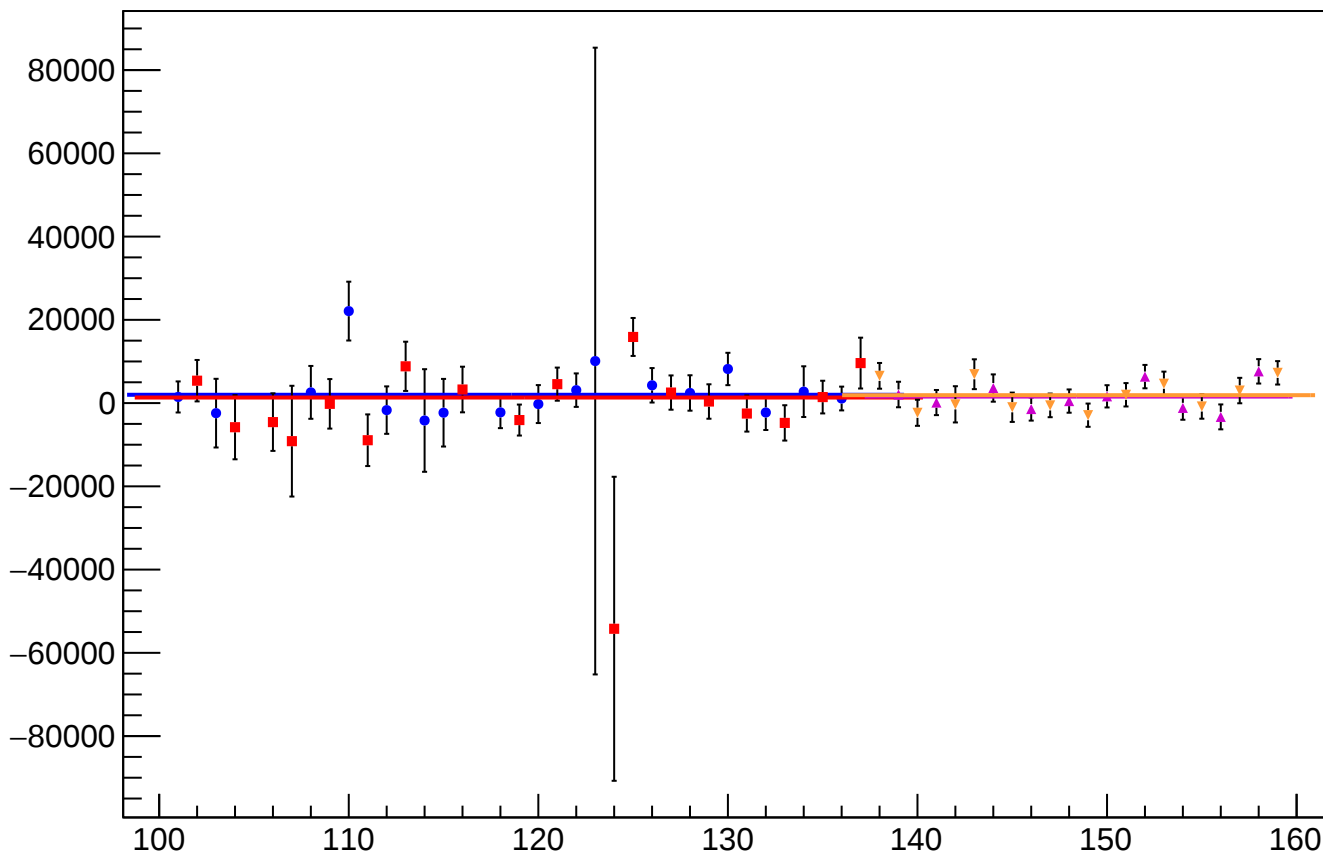
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 864.992+/-0.169 χ^2/NDF : 3375208.6/26

Out: 778.087+/-0.155 χ^2/NDF : 6602933.2/29

All: 817.836+/-0.114 χ^2/NDF : 10122230.2/56

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1899.149+/-889.548 χ^2/NDF : 16.2/11

Right Out: 1336.627+/-1193.730 χ^2/NDF : 27.5/17

Left In: 1566.565+/-919.088 χ^2/NDF : 12.7/9

Left: 1738.287+/-639.193 χ^2/NDF : 29.0/21

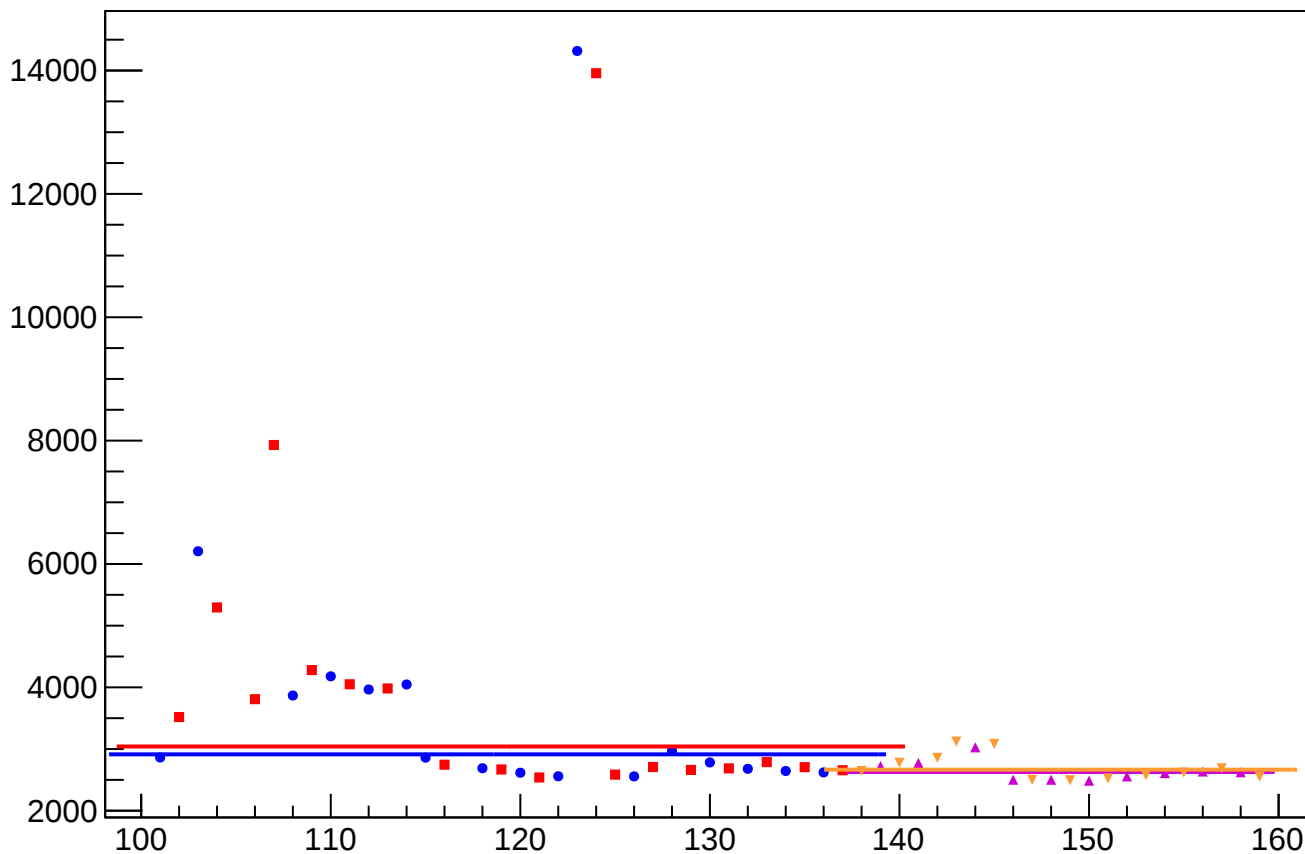
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1733.154+/-719.190 χ^2/NDF : 27.7/26

Out: 1698.308+/-713.284 χ^2/NDF : 43.8/29

All: 1715.587+/-506.443 χ^2/NDF : 71.5/56

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2665.690+/-0.629 χ^2/NDF : 92107.2/11

Right Out: 3041.227+/-0.844 χ^2/NDF : 1003583.4/17

Left In: 2628.688+/-0.650 χ^2/NDF : 51379.8/9

Left: 2647.793+/-0.452 χ^2/NDF : 145160.8/21

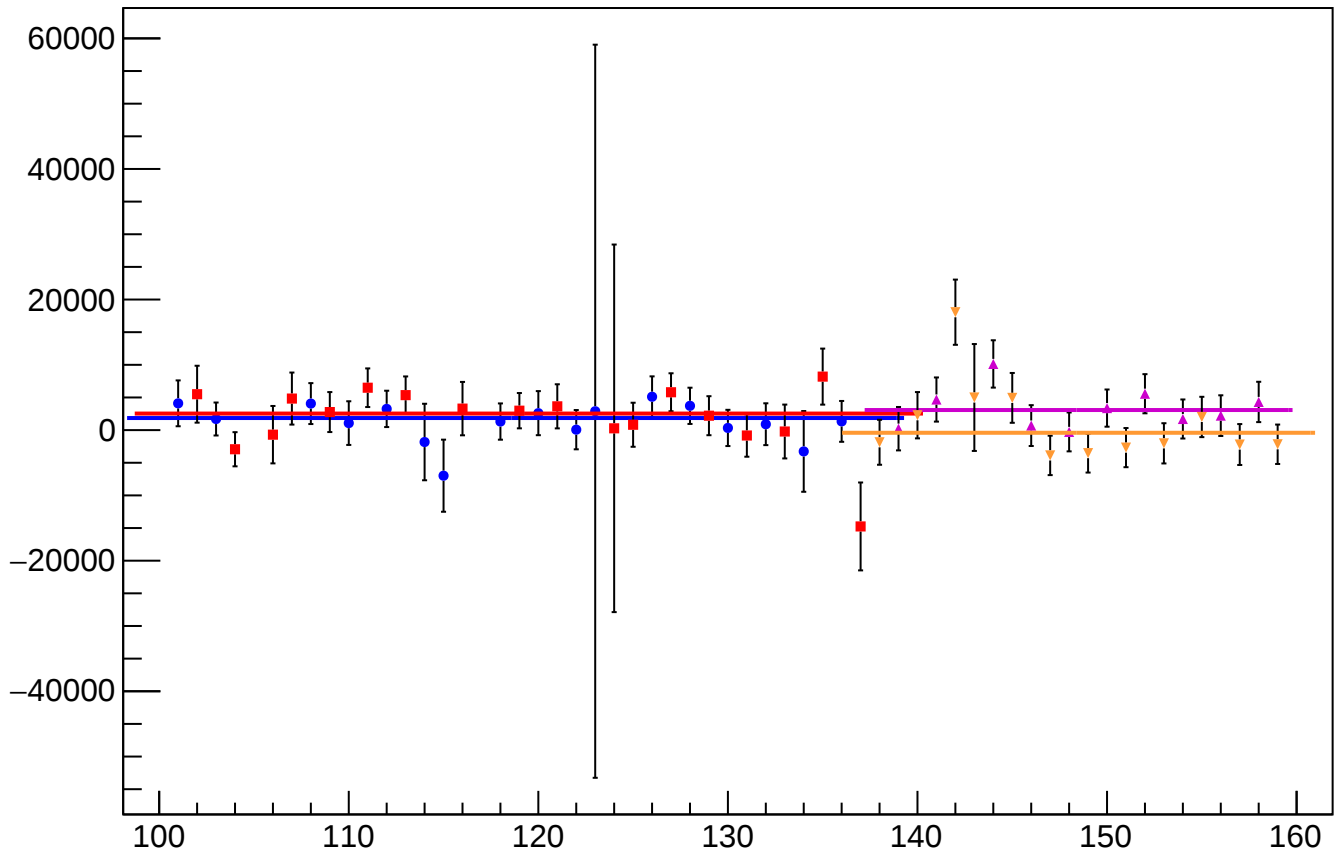
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2739.252+/-0.509 χ^2/NDF : 765019.2/26

Out: 2799.770+/-0.504 χ^2/NDF : 1222956.3/29

All: 2769.761+/-0.358 χ^2/NDF : 1995114.8/56

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 +/- 806.760 χ^2/NDF : 7.3/16

Left Out: -407.093 +/- 979.022 χ^2/NDF : 21.4/11

Right Out: 2535.163 +/- 819.322 χ^2/NDF : 20.0/17

Left In: 3076.412 +/- 988.684 χ^2/NDF : 7.8/9

Left: 1317.556 +/- 695.664 χ^2/NDF : 35.4/21

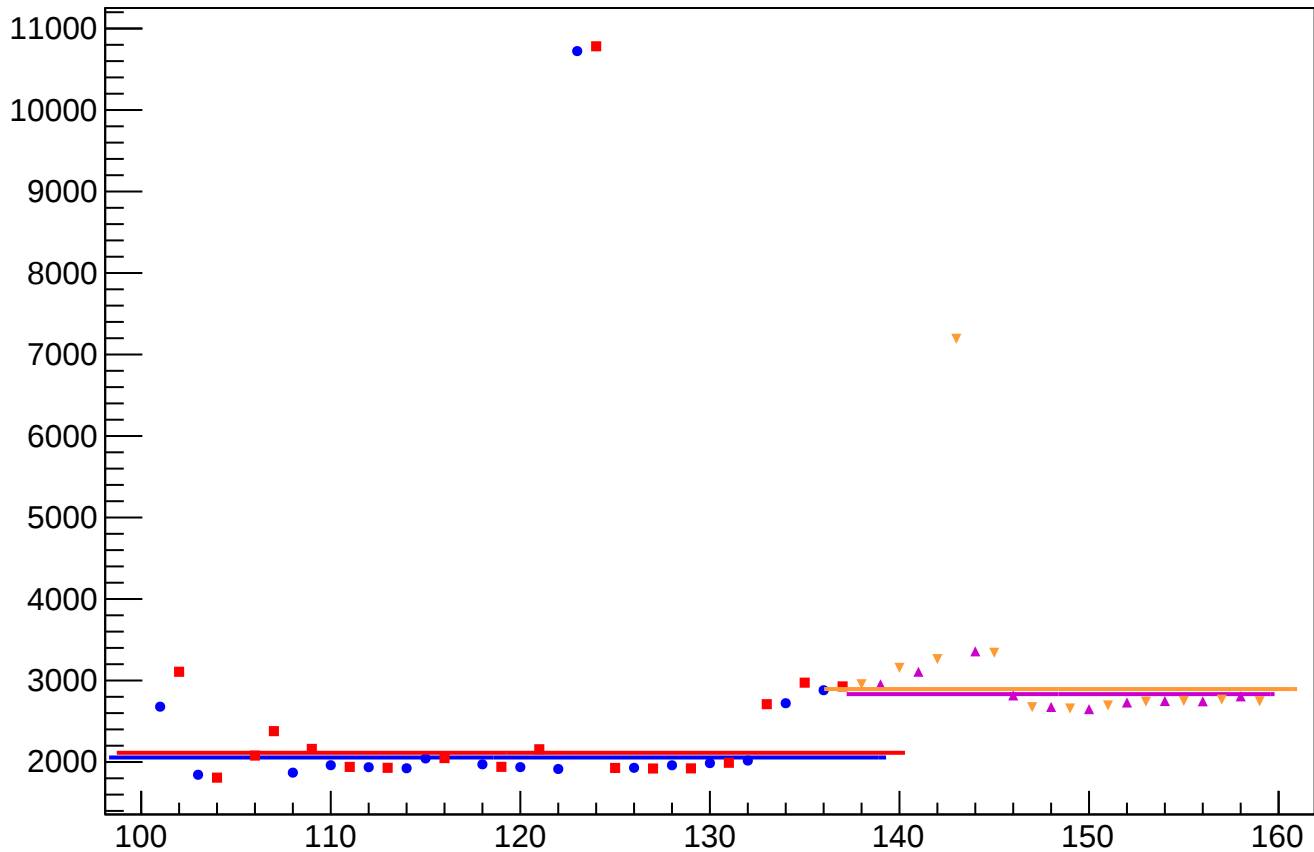
Right: 2187.336 +/- 574.855 χ^2/NDF : 27.6/34

In: 2340.258 +/- 625.067 χ^2/NDF : 15.9/26

Out: 1323.275 +/- 628.324 χ^2/NDF : 46.7/29

All: 1834.409 +/- 443.136 χ^2/NDF : 64.0/56

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 $\pm$ 0.570 χ^2 /NDF: 316383.7/16

Left Out: 2895.225 $\pm$ 0.692 χ^2 /NDF: 651073.2/11

Right Out: 2113.304 $\pm$ 0.578 χ^2 /NDF: 532006.4/17

Left In: 2833.083 $\pm$ 0.699 χ^2 /NDF: 77428.9/9

Left: 2864.459 $\pm$ 0.492 χ^2 /NDF: 732491.5/21

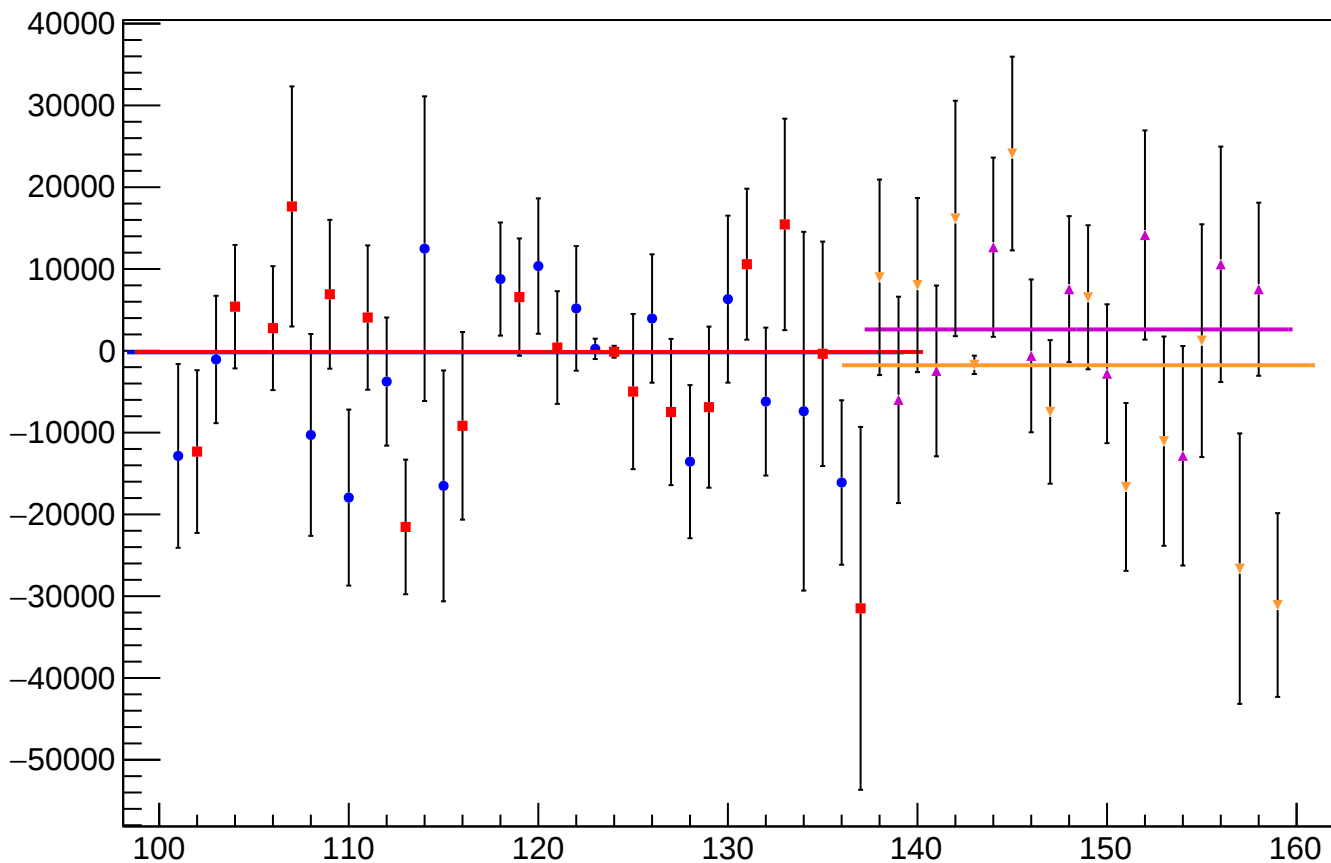
Right: 2083.972 $\pm$ 0.406 χ^2 /NDF: 853461.4/34

In: 2366.271 $\pm$ 0.442 χ^2 /NDF: 1136546.5/26

Out: 2434.801 $\pm$ 0.444 χ^2 /NDF: 1934297.6/29

All: 2400.388 $\pm$ 0.313 χ^2 /NDF: 3082812.5/56

asym_atl2_correction_mean vs Slug, Sign Corrected



Left: -1369.758 $\pm$ 1016.993 χ^2/NDF : 27.6/21

Right: -154.177 $\pm$ 585.233 χ^2/NDF : 35.3/34

In: 81.861 $\pm$ 1046.915 χ^2/NDF :22.0/26

Out: -621.749 $\pm$ 579.849 χ^2/NDF :41.6/29

All: -456.575 $\pm$ 507.243 χ^2/NDF : 64.0/56

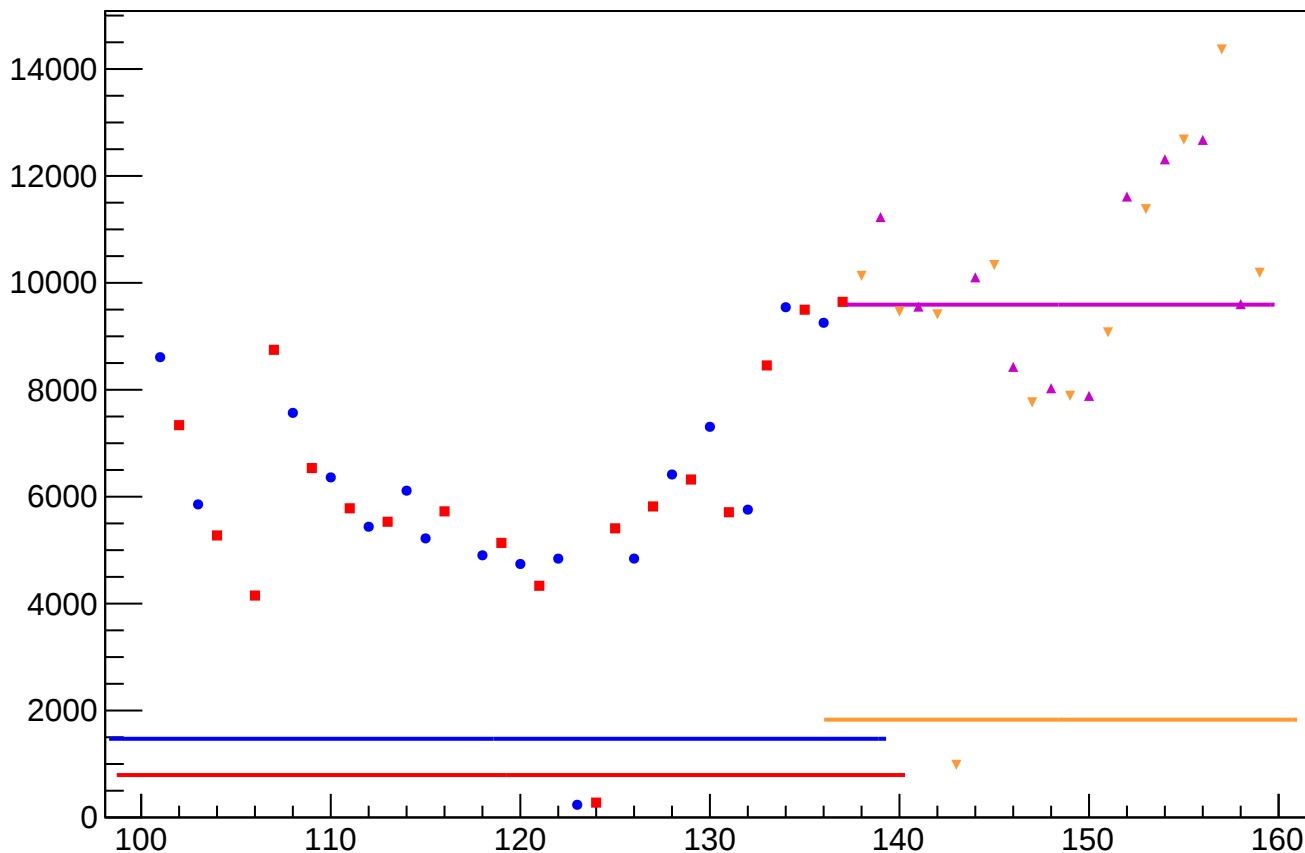
Right In: -185.246 $\pm$ 1100.780 χ^2/NDF : 16.4/16

Left Out: -1764.055 $\pm$ 1066.153 χ^2/NDF :21.0/11

Right Out: -141.935 $\pm$ 690.979 χ^2/NDF : 19.0/17

Left In: 2612.484 $\pm$ 3388.222 χ^2/NDF :5.0/9

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1828.823+/-0.754

χ^2/NDF : 12107545.9/11

Right Out: 793.659+/-0.489

χ^2/NDF : 11422584.5/17

Left In: 9592.614+/-2.396

χ^2/NDF : 435218.9/9

Left: 2528.288+/-0.719

χ^2/NDF : 22097766.4/21

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2246.942+/-0.740

χ^2/NDF : 20616153.3/26

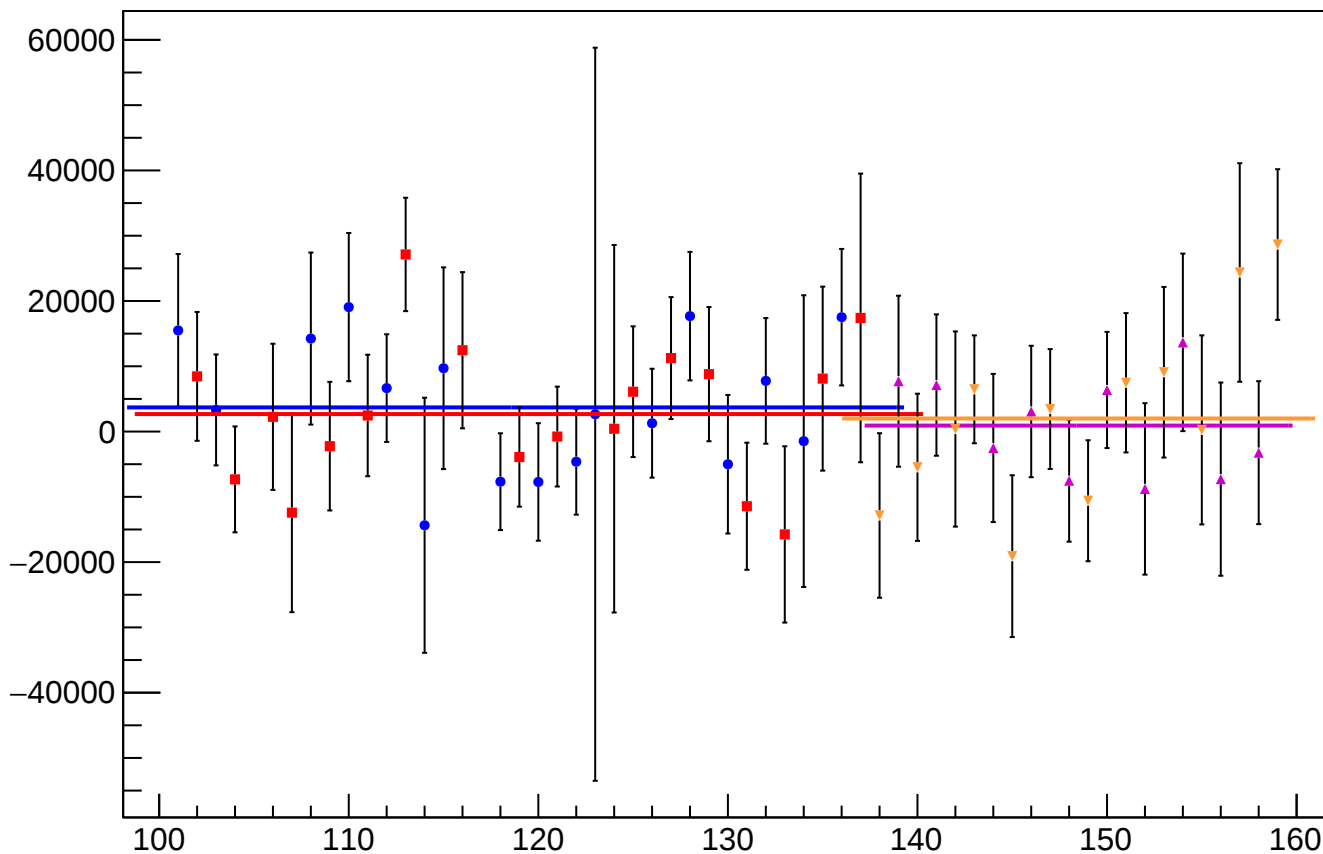
Out: 1099.855+/-0.410

χ^2/NDF : 24857854.2/29

All: 1369.136+/-0.359

χ^2/NDF : 47311402.9/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: 2001.686+/-3265.229 χ^2/NDF : 14.6/11

Right Out: 2679.483+/-2428.648 χ^2/NDF : 18.5/17

Left In: 914.012+/-3531.106 χ^2/NDF : 3.8/9

Left: 1500.335+/-2397.356 χ^2/NDF : 18.4/21

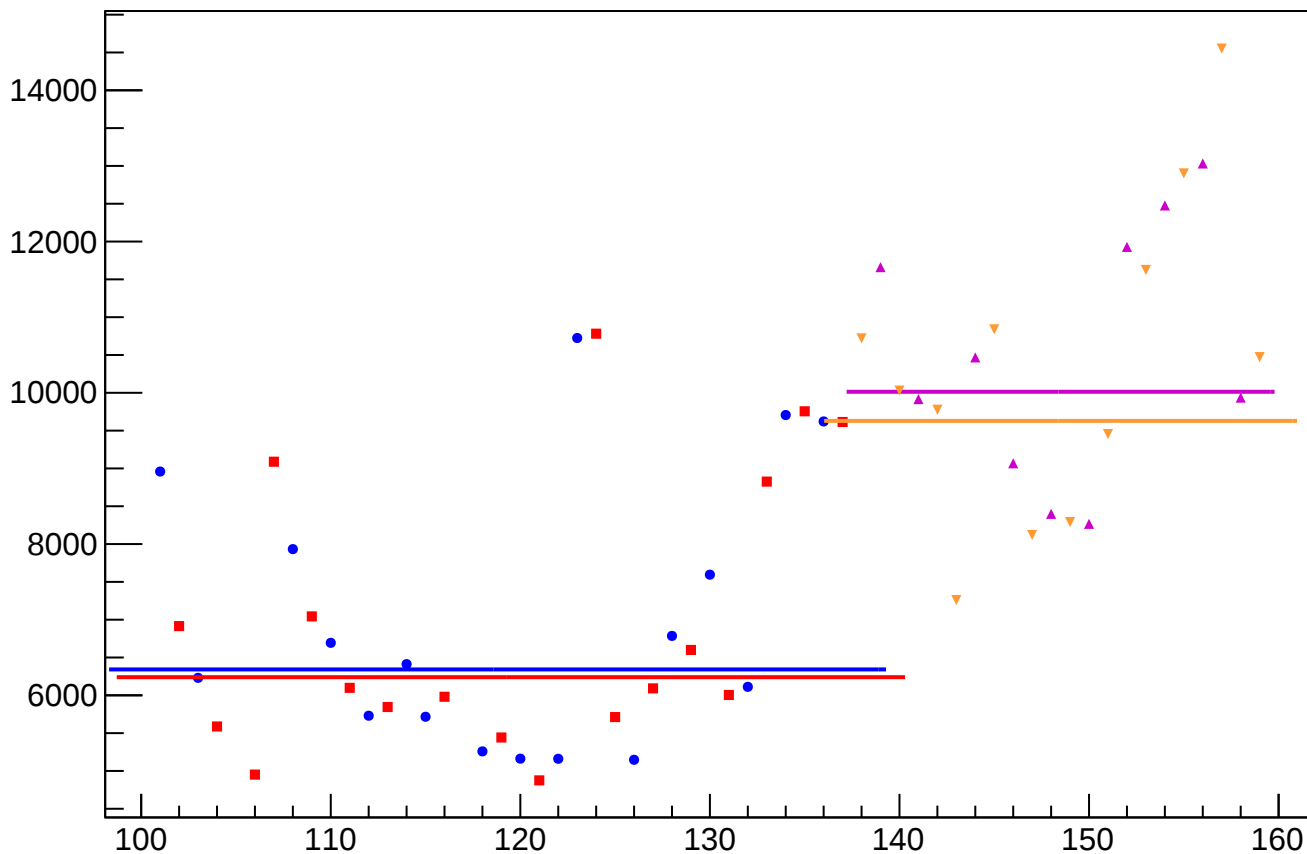
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2759.864+/-2050.111 χ^2/NDF : 18.6/26

Out: 2438.066+/-1948.711 χ^2/NDF : 33.1/29

All: 2590.810+/-1412.434 χ^2/NDF : 51.8/56

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9628.836+/-2.309 χ^2/NDF : 629988.0/11

Right Out: 6239.726+/-1.717 χ^2/NDF : 529243.7/17

Left In: 10013.687+/-2.497 χ^2/NDF : 380911.1/9

Left: 9806.229+/-1.695 χ^2/NDF : 1023705.7/21

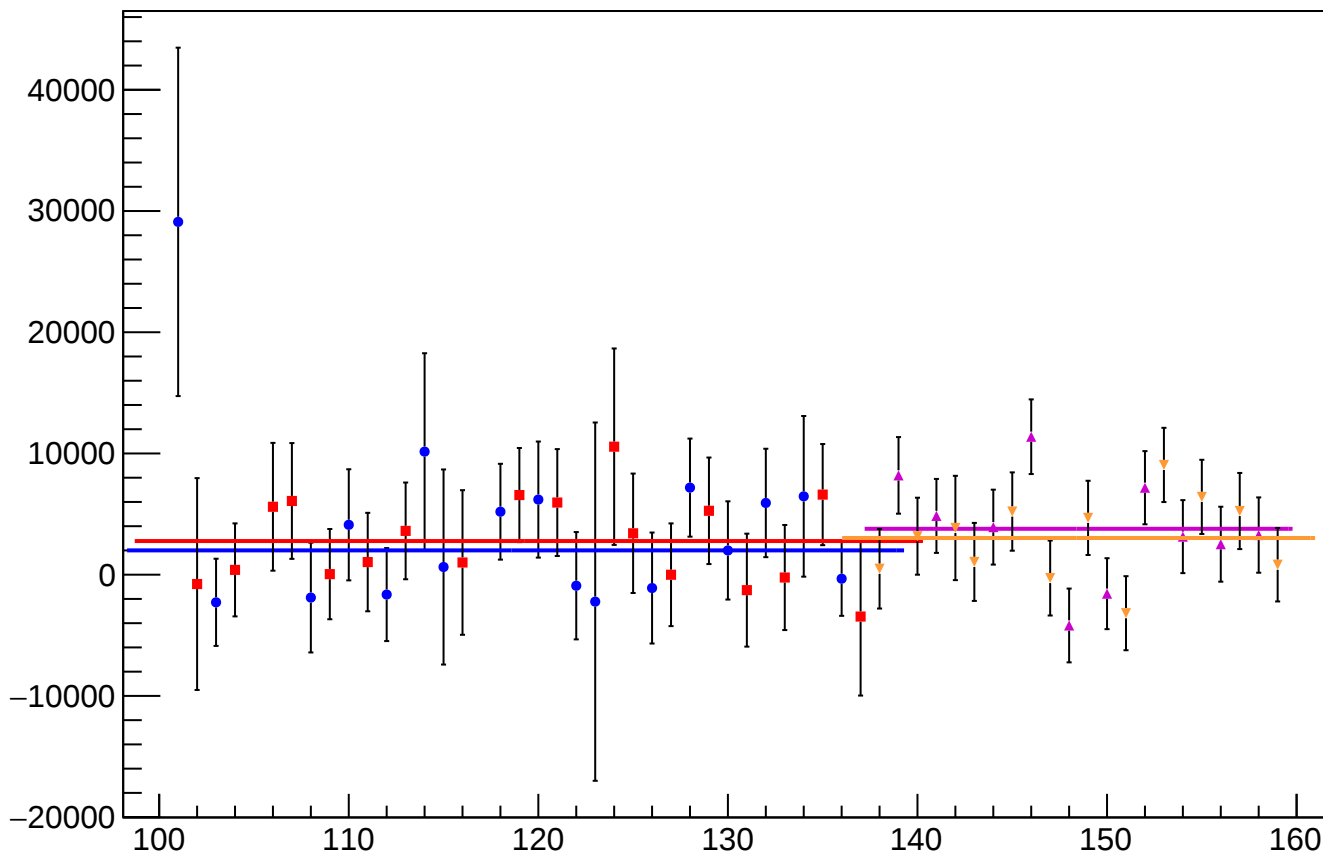
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7579.862+/-1.450 χ^2/NDF : 2407839.9/26

Out: 7446.781+/-1.378 χ^2/NDF : 2546479.4/29

All: 7509.948+/-0.999 χ^2/NDF : 4958746.9/56

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589 $\pm$ 1125.432 χ^2 /NDF: 13.7/16

Left Out: 3027.120 $\pm$ 920.344 χ^2 /NDF:13.2/11

Right Out: 2776.042 $\pm$ 1086.812 χ^2 /NDF: 8.3/17

Left In: 3785.506 $\pm$ 966.354 χ^2 /NDF:19.9/9

Left: 3387.830 $\pm$ 666.454 χ^2 /NDF: 33.4/21

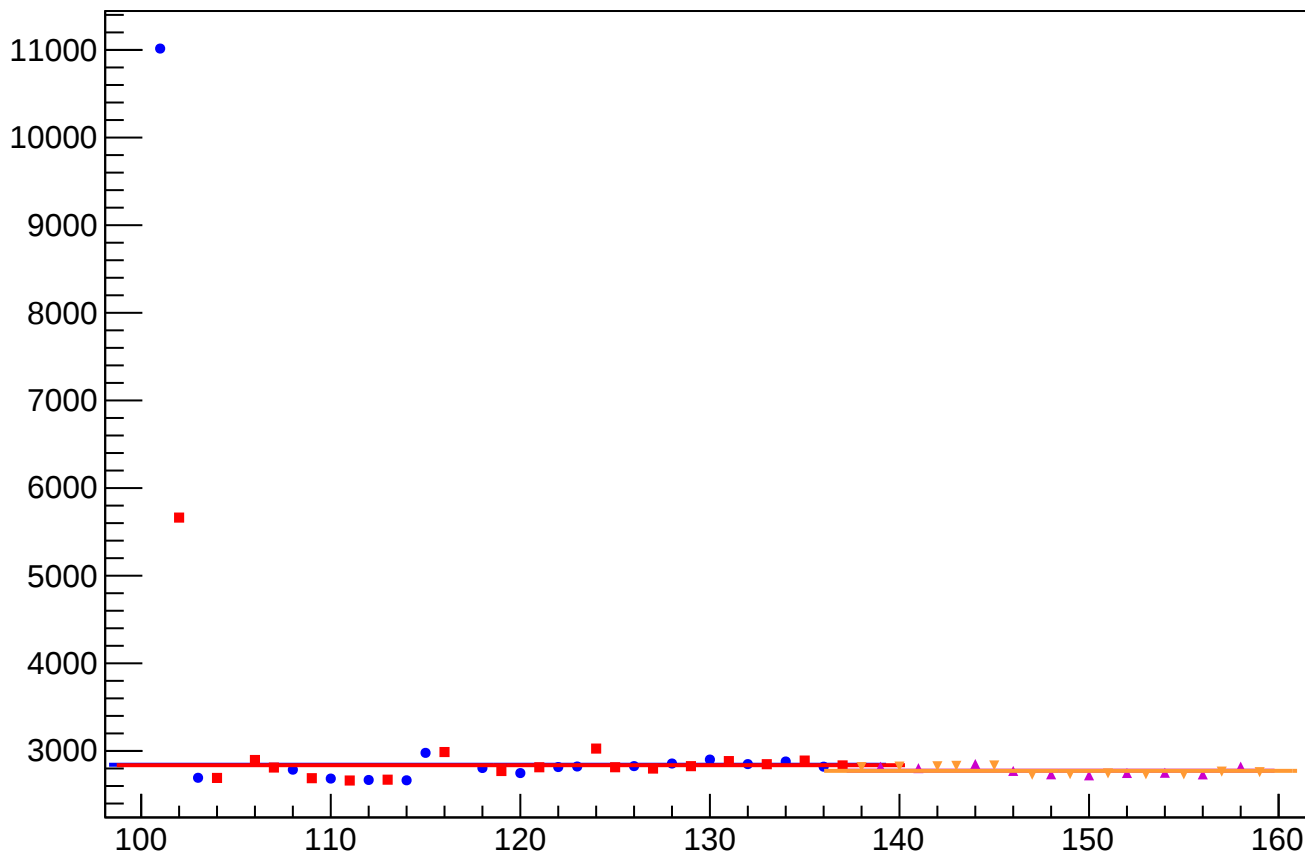
Right: 2403.779 $\pm$ 781.789 χ^2 /NDF: 22.3/34

In: 3029.706 $\pm$ 733.164 χ^2 /NDF:35.0/26

Out: 2922.263 $\pm$ 702.344 χ^2 /NDF:21.5/29

All: 2973.678 $\pm$ 507.178 χ^2 /NDF: 56.5/56

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2772.992 $\pm$ 0.651 χ^2 /NDF: 4108.6/11

Right Out: 2837.439 $\pm$ 0.768 χ^2 /NDF: 226421.9/17

Left In: 2774.645 $\pm$ 0.683 χ^2 /NDF: 3930.0/9

Left: 2773.778 $\pm$ 0.471 χ^2 /NDF: 8041.6/21

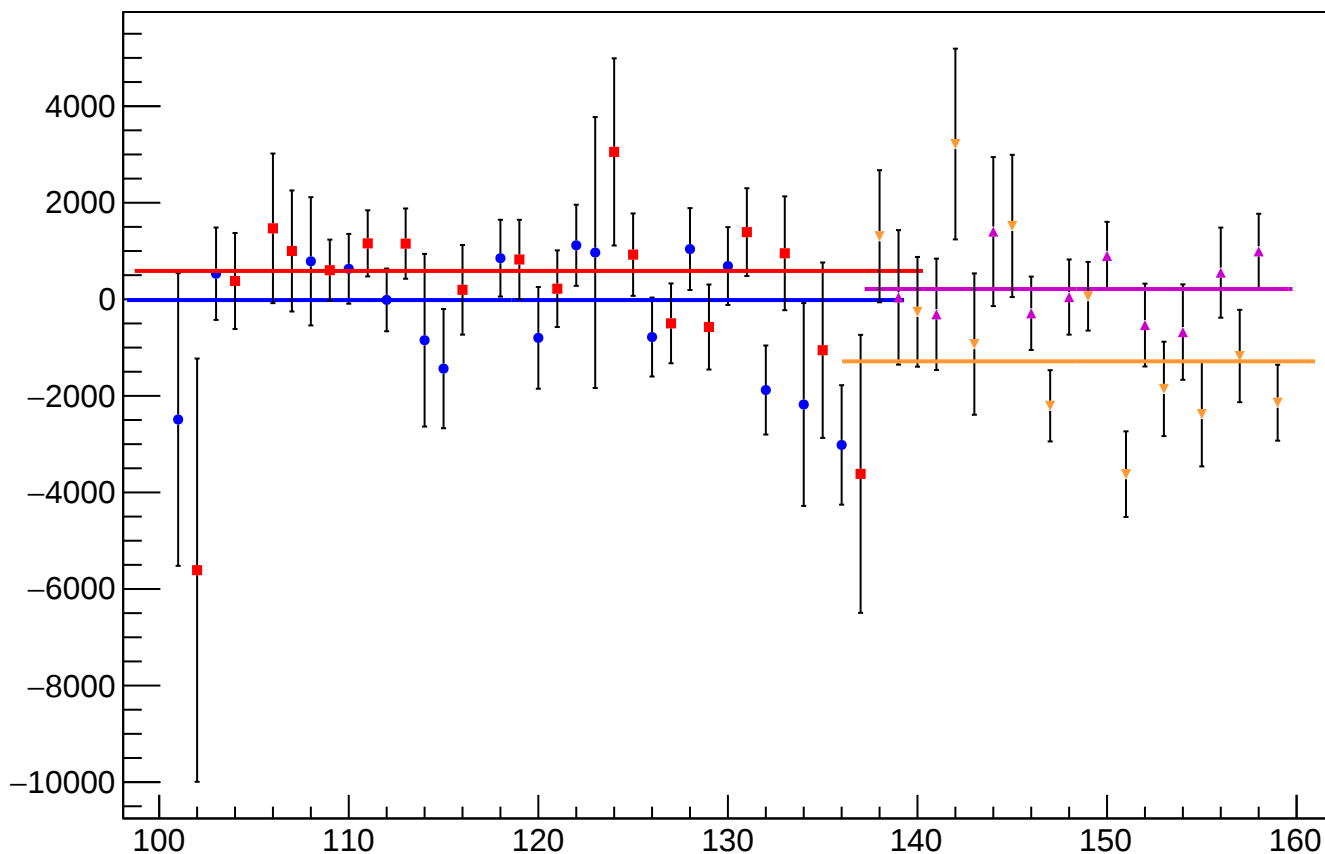
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2803.496 $\pm$ 0.518 χ^2 /NDF: 668435.9/26

Out: 2799.907 $\pm$ 0.497 χ^2 /NDF: 234626.2/29

All: 2801.624 $\pm$ 0.359 χ^2 /NDF: 903087.1/56

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 ± 238.862 χ^2/NDF : 21.6/16

Left Out: -1284.551 ± 286.538 χ^2/NDF : 27.9/11

Right Out: 587.609 ± 225.811 χ^2/NDF : 13.3/17

Left In: 213.147 ± 285.615 χ^2/NDF : 5.0/9

Left: -533.286 ± 202.286 χ^2/NDF : 46.6/21

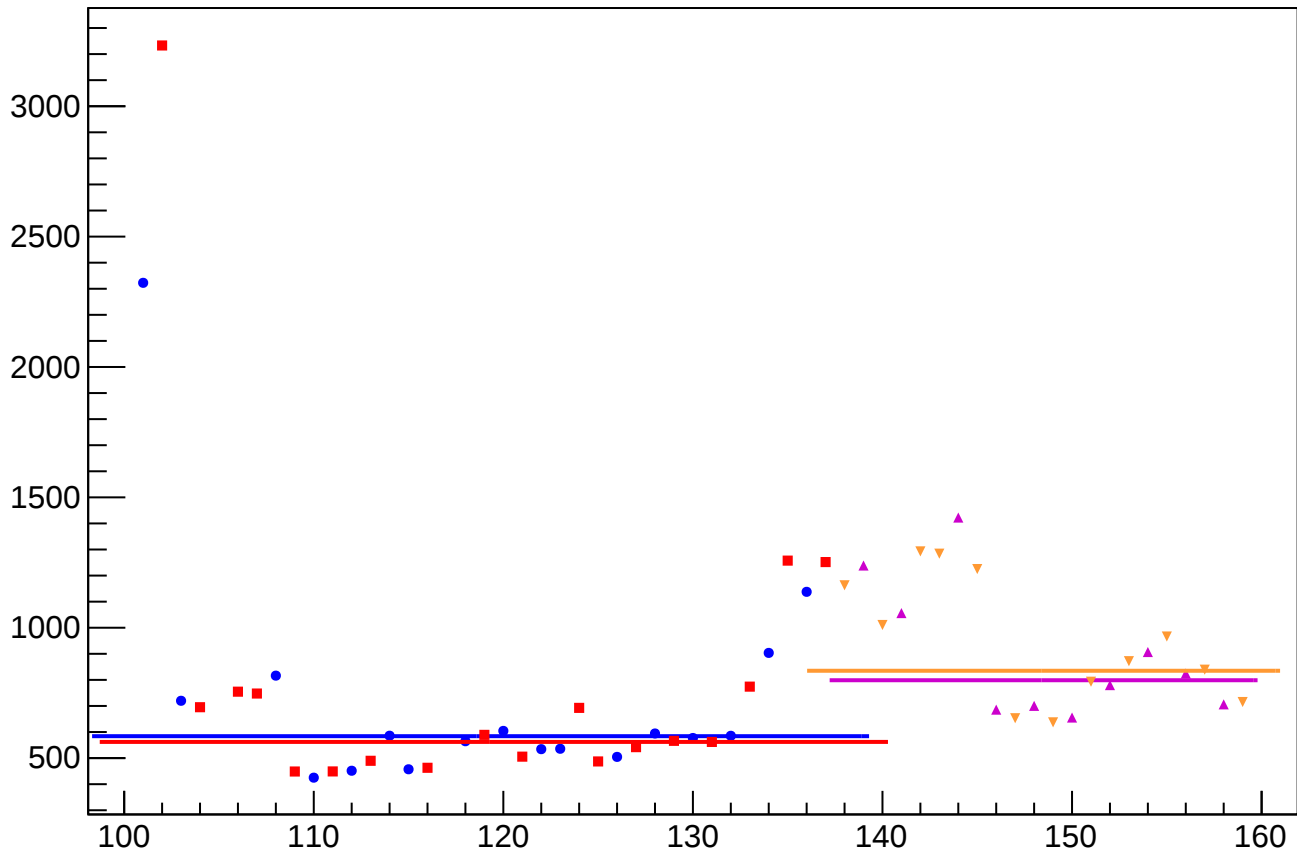
Right: 302.919 ± 164.093 χ^2/NDF : 38.3/34

In: 78.526 ± 183.231 χ^2/NDF : 26.9/26

Out: -129.646 ± 177.356 χ^2/NDF : 67.6/29

All: -28.950 ± 127.436 χ^2/NDF : 95.2/56

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 834.978+/-0.203 χ^2/NDF : 957642.1/11

Right Out: 562.122+/-0.160 χ^2/NDF : 1525298.9/17

Left In: 798.639+/-0.202 χ^2/NDF : 838994.6/9

Left: 816.750+/-0.143 χ^2/NDF : 1812771.7/21

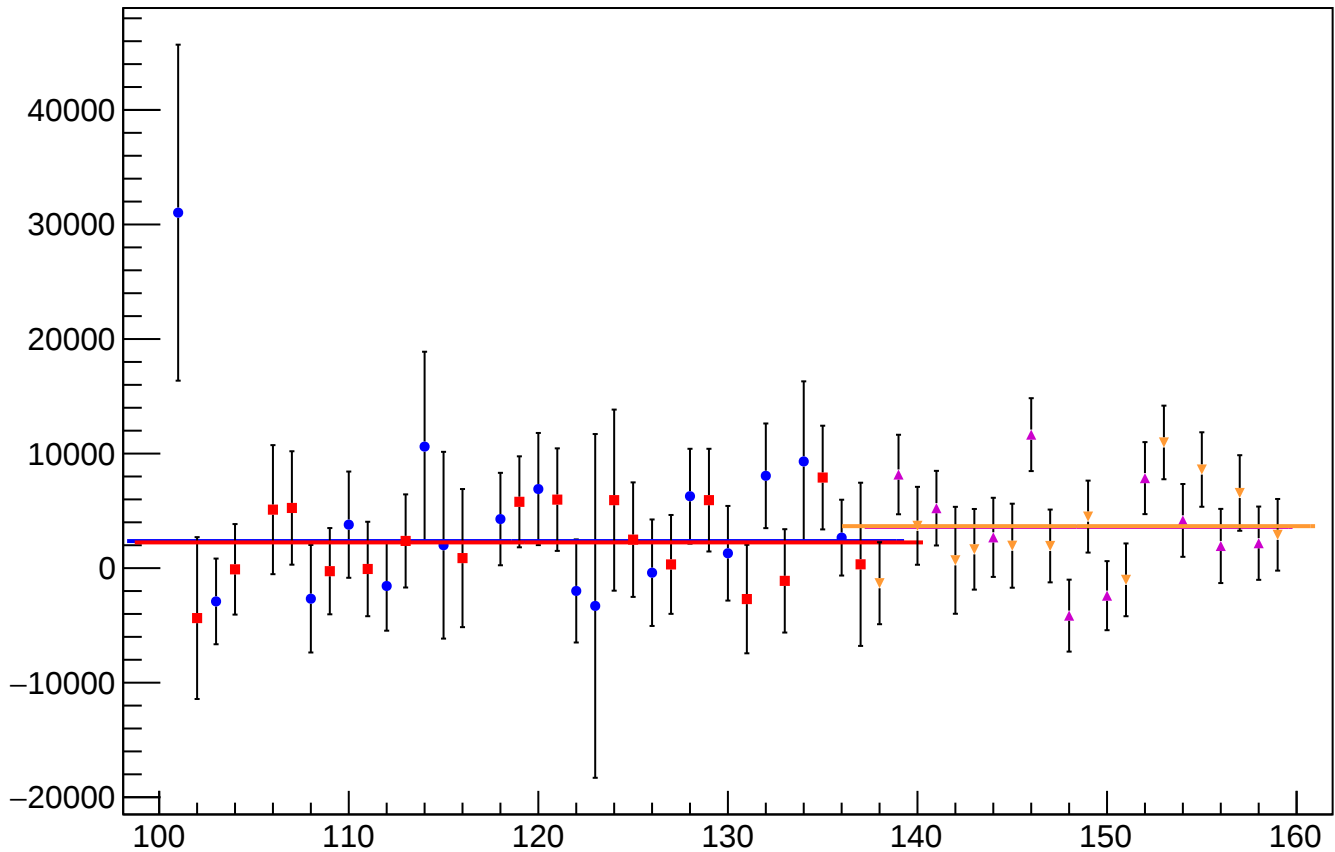
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 672.370+/-0.130 χ^2/NDF : 2939910.0/26

Out: 666.657+/-0.125 χ^2/NDF : 3601700.9/29

All: 669.421+/-0.090 χ^2/NDF : 6542614.4/56

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798+/-1159.943 χ^2/NDF : 15.1/16

Left Out: 3664.817+/-975.625 χ^2/NDF :13.8/11

Right Out: 2245.410+/-1111.935 χ^2/NDF : 8.5/17

Left In: 3595.105+/-1018.199 χ^2/NDF :20.8/9

Left: 3631.449+/-704.441 χ^2/NDF : 34.6/21

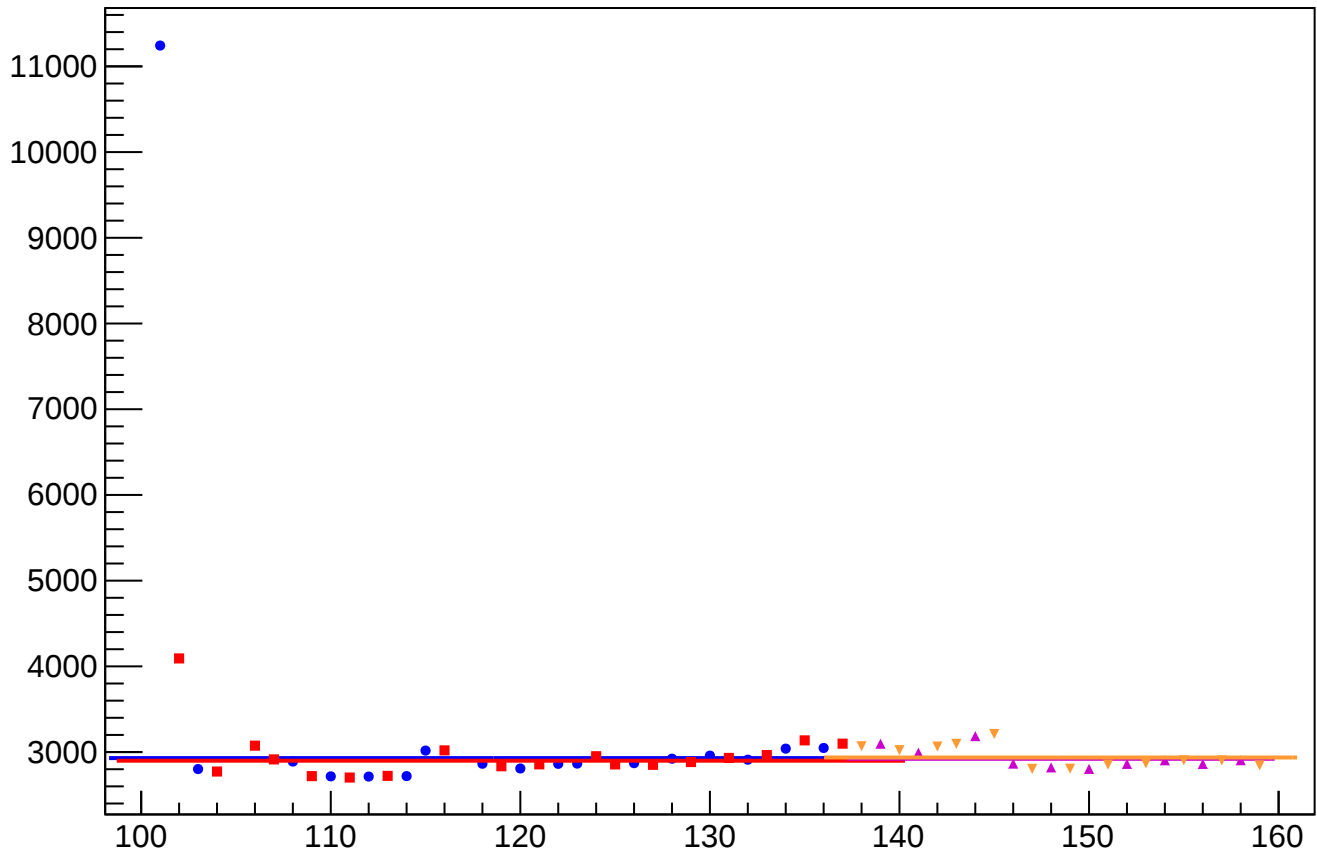
Right: 2301.625+/-802.692 χ^2/NDF : 23.6/34

In: 3058.806+/-765.210 χ^2/NDF :36.6/26

Out: 3047.402+/-733.355 χ^2/NDF :23.2/29

All: 3052.862+/-529.464 χ^2/NDF : 59.8/56

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2936.747+/-0.690 χ^2/NDF : 32107.5/11

Right Out: 2899.431+/-0.786 χ^2/NDF : 83543.1/17

Left In: 2921.534+/-0.720 χ^2/NDF : 25056.0/9

Left: 2929.465+/-0.498 χ^2/NDF : 57396.3/21

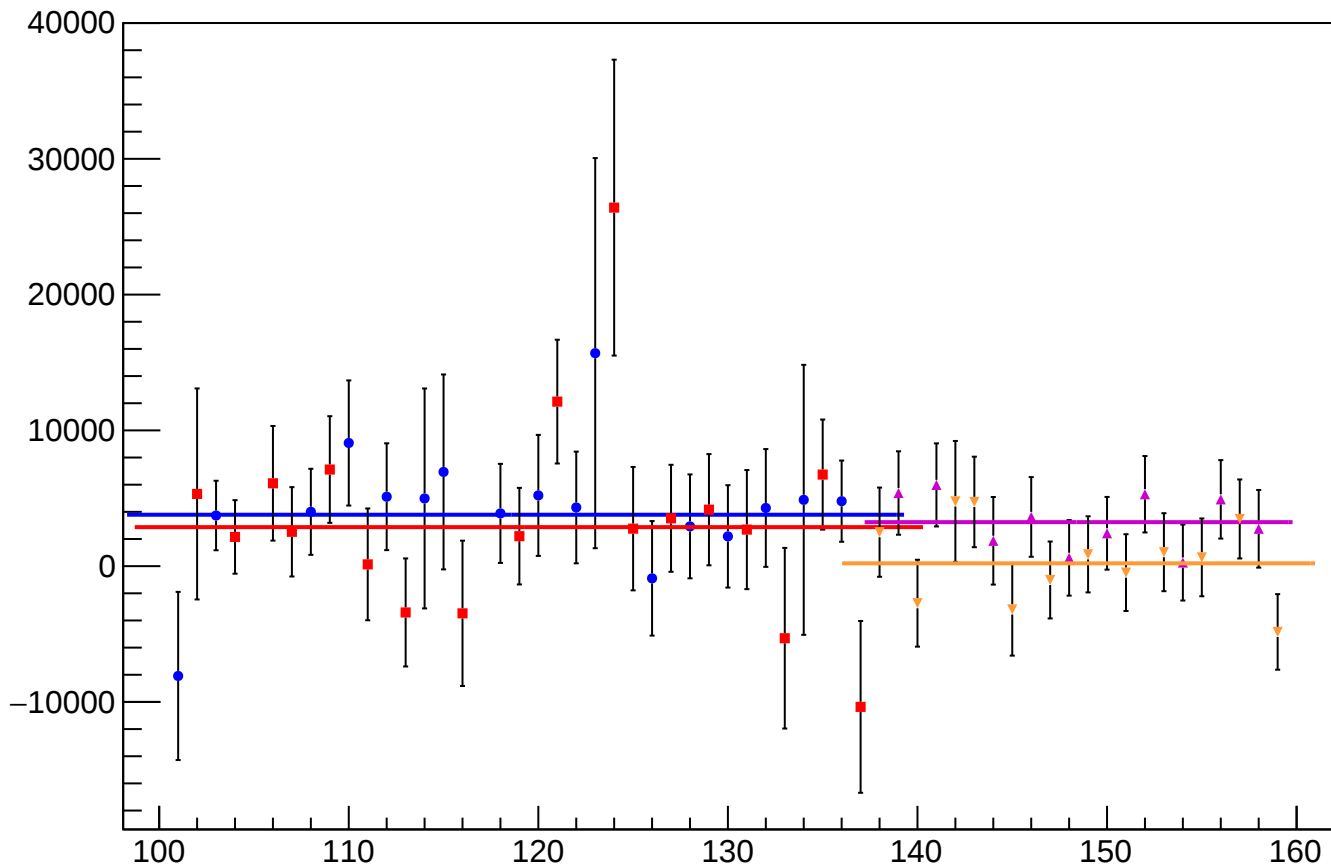
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2925.068+/-0.541 χ^2/NDF : 687740.4/26

Out: 2920.515+/-0.519 χ^2/NDF : 116923.3/29

All: 2922.695+/-0.374 χ^2/NDF : 804700.6/56

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840 $\pm$ 1008.120 χ^2/NDF : 7.7/16

Left Out: 208.982 $\pm$ 882.236 χ^2/NDF : 10.2/11

Right Out: 2874.691 $\pm$ 1004.077 χ^2/NDF : 22.0/17

Left In: 3241.117 $\pm$ 916.893 χ^2/NDF : 4.5/9

Left: 1666.663 $\pm$ 635.734 χ^2/NDF : 20.4/21

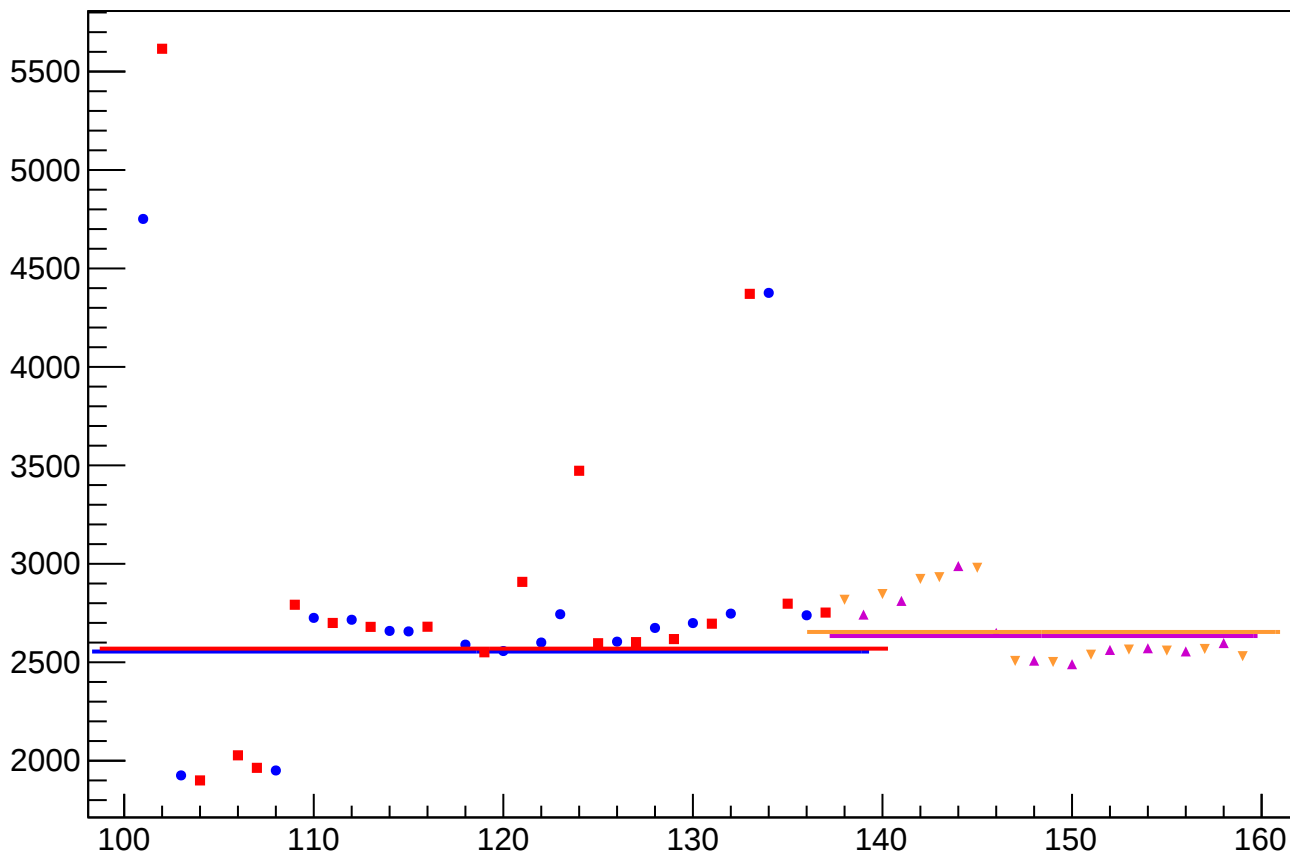
Right: 3329.431 $\pm$ 711.415 χ^2/NDF : 30.2/34

In: 3488.628 $\pm$ 678.305 χ^2/NDF : 12.4/26

Out: 1370.368 $\pm$ 662.749 χ^2/NDF : 36.2/29

All: 2404.930 $\pm$ 474.039 χ^2/NDF : 53.6/56

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2653.968 $\pm$ 0.624 χ^2 /NDF: 76257.2/11

Right Out: 2569.256 $\pm$ 0.710 χ^2 /NDF: 723332.1/17

Left In: 2633.297 $\pm$ 0.648 χ^2 /NDF: 47404.6/9

Left: 2644.031 $\pm$ 0.450 χ^2 /NDF: 124189.7/21

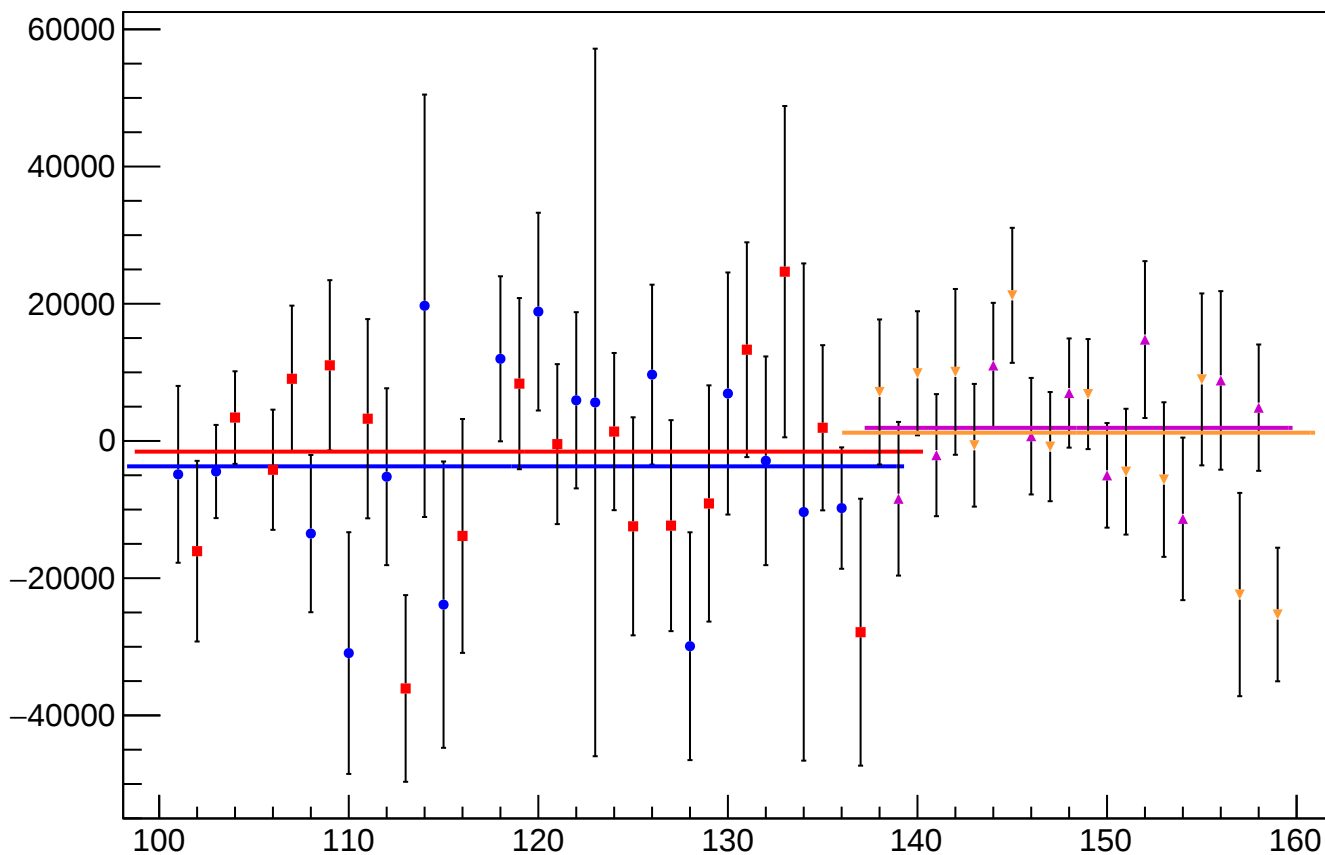
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2597.641 $\pm$ 0.480 χ^2 /NDF: 590711.5/26

Out: 2617.044 $\pm$ 0.469 χ^2 /NDF: 807626.7/29

All: 2607.569 $\pm$ 0.335 χ^2 /NDF: 1399175.6/56

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 1205.764+/-2846.317 χ^2/NDF : 17.6/11

Right Out: -1555.707+/-2911.769 χ^2/NDF : 16.8/17

Left In: 1911.368+/-2989.027 χ^2/NDF : 6.2/9

Left: 1541.320+/-2061.255 χ^2/NDF : 23.8/21

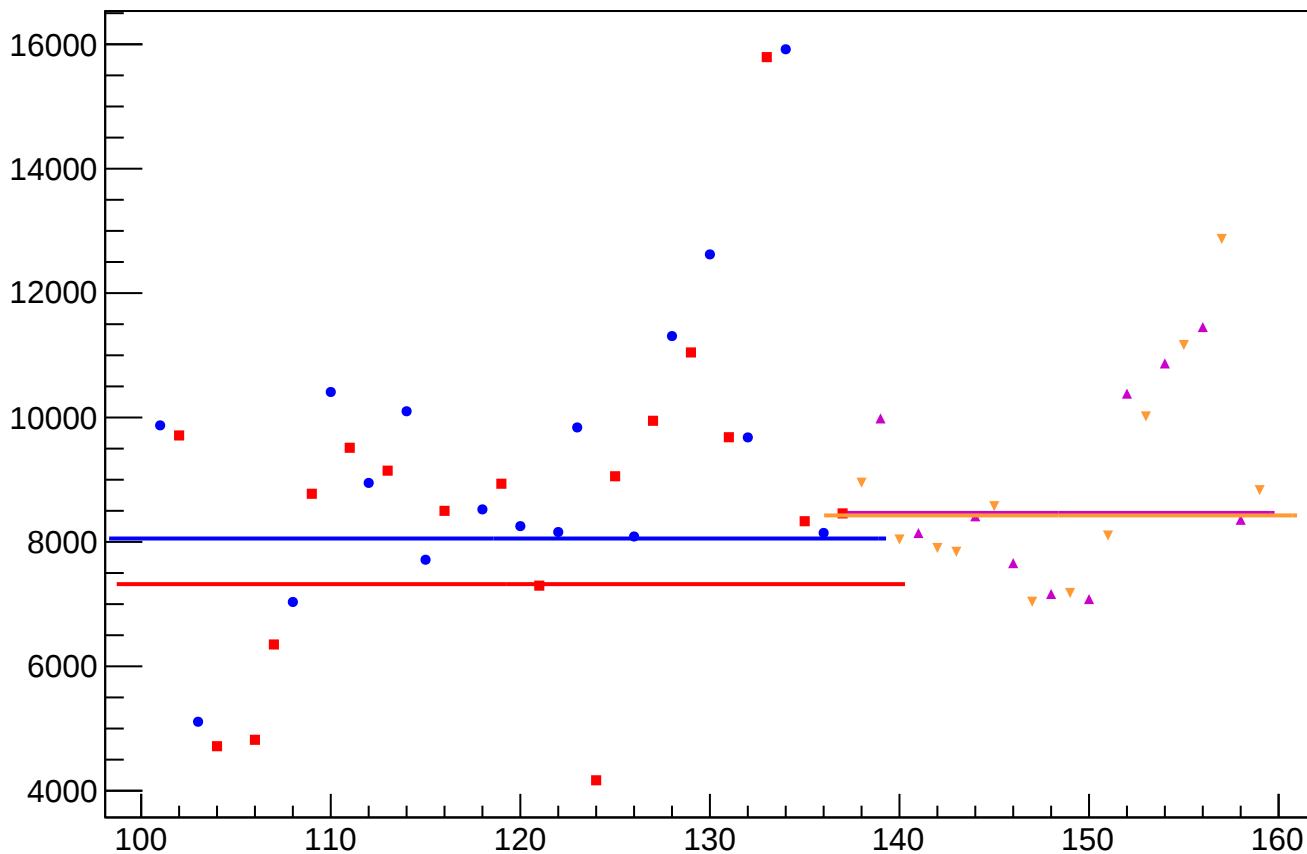
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -687.511+/-2189.990 χ^2/NDF : 21.6/26

Out: -143.586+/-2035.396 χ^2/NDF : 34.8/29

All: -395.675+/-1490.902 χ^2/NDF : 56.5/56

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8426.075+/-2.013 χ^2/NDF : 451904.8/11

Right Out: 7321.428+/-2.059 χ^2/NDF : 1335956.4/17

Left In: 8465.698+/-2.114 χ^2/NDF : 421449.7/9

Left: 8444.918+/-1.458 χ^2/NDF : 873538.8/21

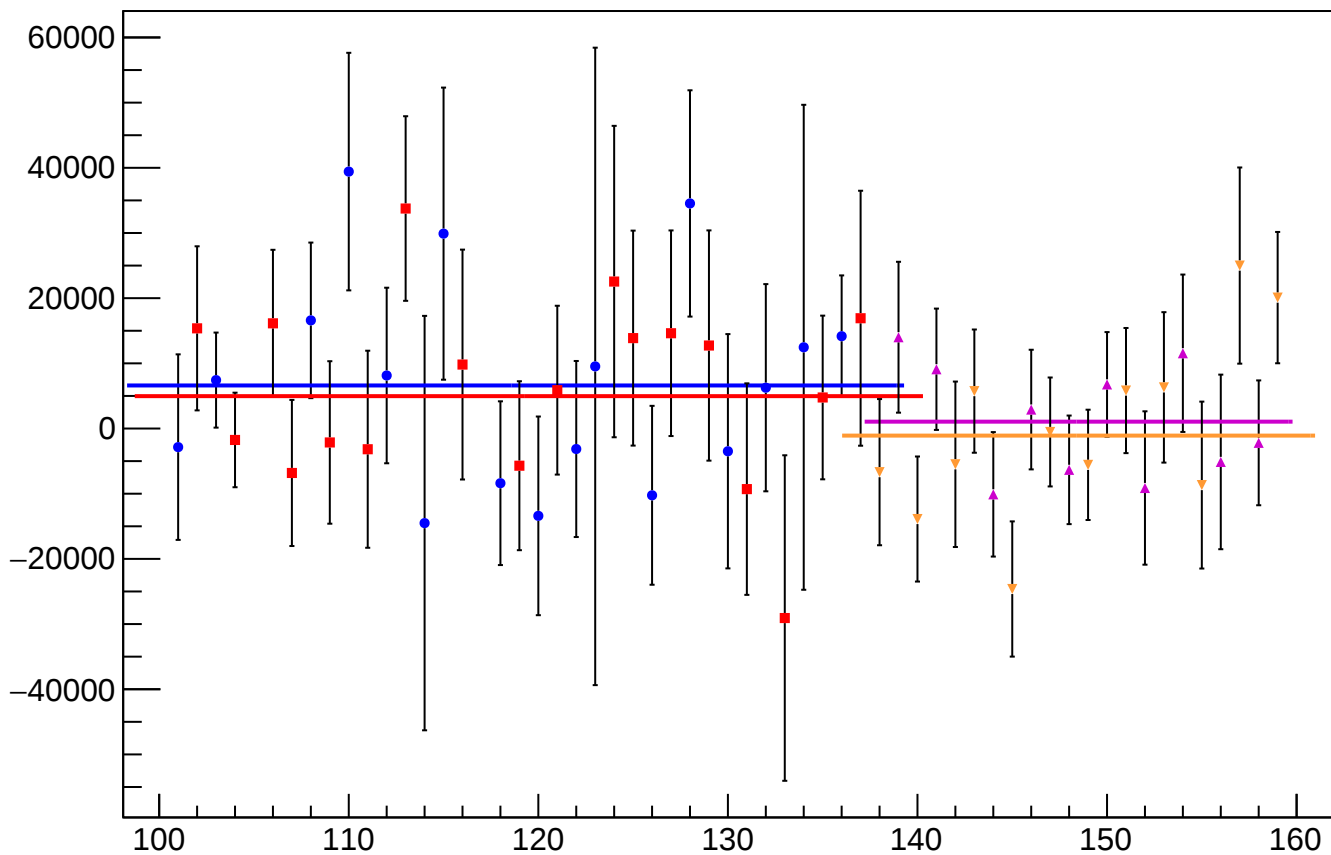
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8275.363+/-1.549 χ^2/NDF : 1259721.7/26

Out: 7886.306+/-1.439 χ^2/NDF : 1935056.8/29

All: 8066.619+/-1.054 χ^2/NDF : 3228645.2/56

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -1085.328+/-2981.139 χ^2/NDF : 16.8/11

Right Out: 4967.799+/-3176.866 χ^2/NDF : 13.5/17

Left In: 1053.684+/-3125.945 χ^2/NDF : 6.5/9

Left: -66.512+/-2157.360 χ^2/NDF : 23.6/21

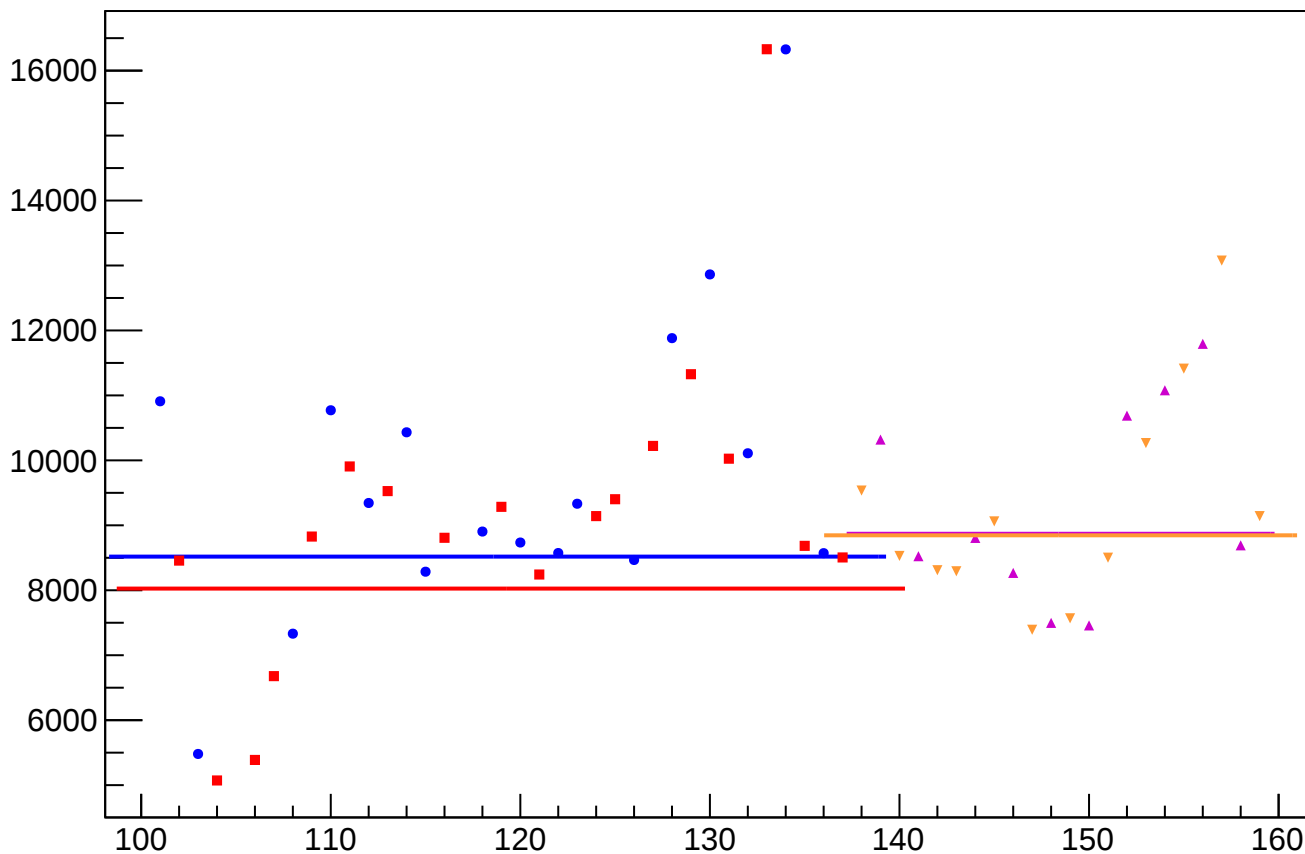
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3601.049+/-2299.890 χ^2/NDF : 22.7/26

Out: 1749.037+/-2173.886 χ^2/NDF : 32.3/29

All: 2622.923+/-1579.838 χ^2/NDF : 55.3/56

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273+/-2.401 χ^2/NDF : 771995.0/16

Left Out: 8846.076+/-2.108 χ^2/NDF : 400072.3/11

Right Out: 8026.045+/-2.246 χ^2/NDF : 942657.8/17

Left In: 8869.731+/-2.210 χ^2/NDF : 369640.2/9

Left: 8857.343+/-1.525 χ^2/NDF : 769772.5/21

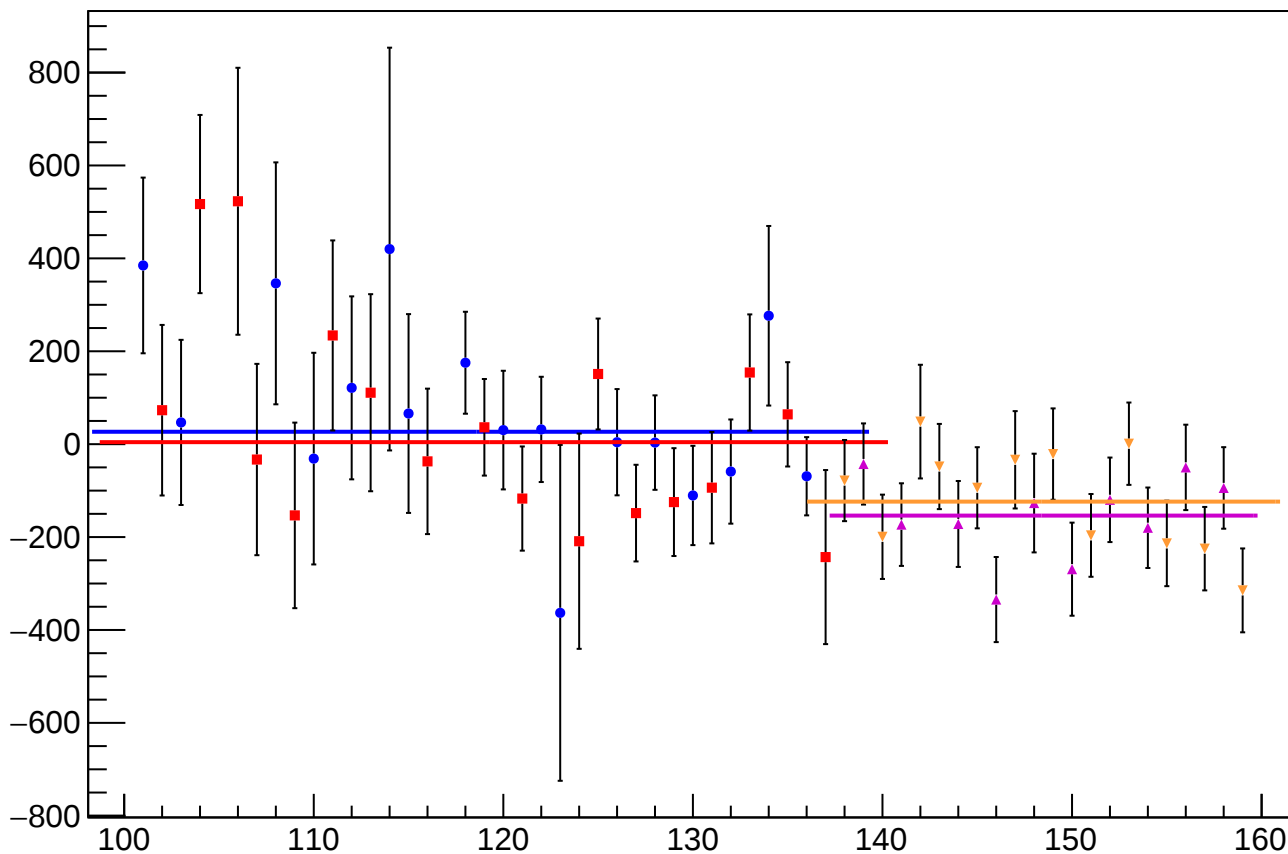
Right: 8255.767+/-1.640 χ^2/NDF : 1737062.4/34

In: 8708.523+/-1.626 χ^2/NDF : 1153231.8/26

Out: 8462.083+/-1.537 χ^2/NDF : 1413592.9/29

All: 8578.366+/-1.117 χ^2/NDF : 2578952.9/56

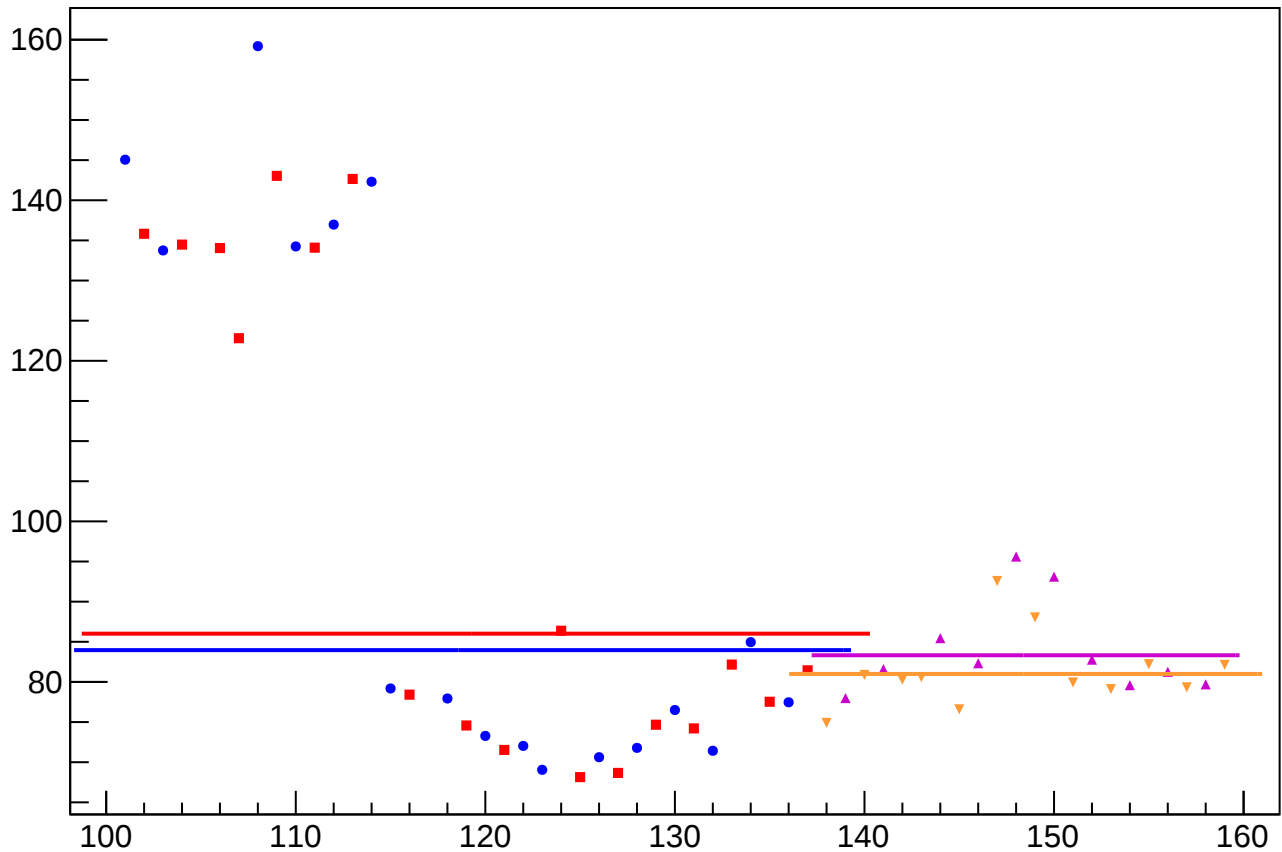
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 $\pm$ 33.626 χ^2/NDF : 14.5/16
 Left Out: -123.663 $\pm$ 26.904 χ^2/NDF :14.9/11
 Right Out: 4.338 $\pm$ 33.842 χ^2/NDF : 23.9/17
 Left In: -153.775 $\pm$ 29.063 χ^2/NDF :8.9/9

Left: -137.559 $\pm$ 19.743 χ^2/NDF : 24.4/21
 Right: 15.597 $\pm$ 23.853 χ^2/NDF : 38.7/34
 In: -76.599 $\pm$ 21.989 χ^2/NDF :40.0/26
 Out: -74.094 $\pm$ 21.060 χ^2/NDF :47.6/29
 All: -75.292 $\pm$ 15.209 χ^2/NDF : 87.6/56

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961 $\pm$ 0.024 χ^2/NDF : 960253.6/16

Left Out: 80.994 $\pm$ 0.019 χ^2/NDF : 52183.2/11

Right Out: 86.012 $\pm$ 0.024 χ^2/NDF : 1026404.0/17

Left In: 83.323 $\pm$ 0.021 χ^2/NDF : 63581.5/9

Left: 82.069 $\pm$ 0.014 χ^2/NDF : 122677.5/21

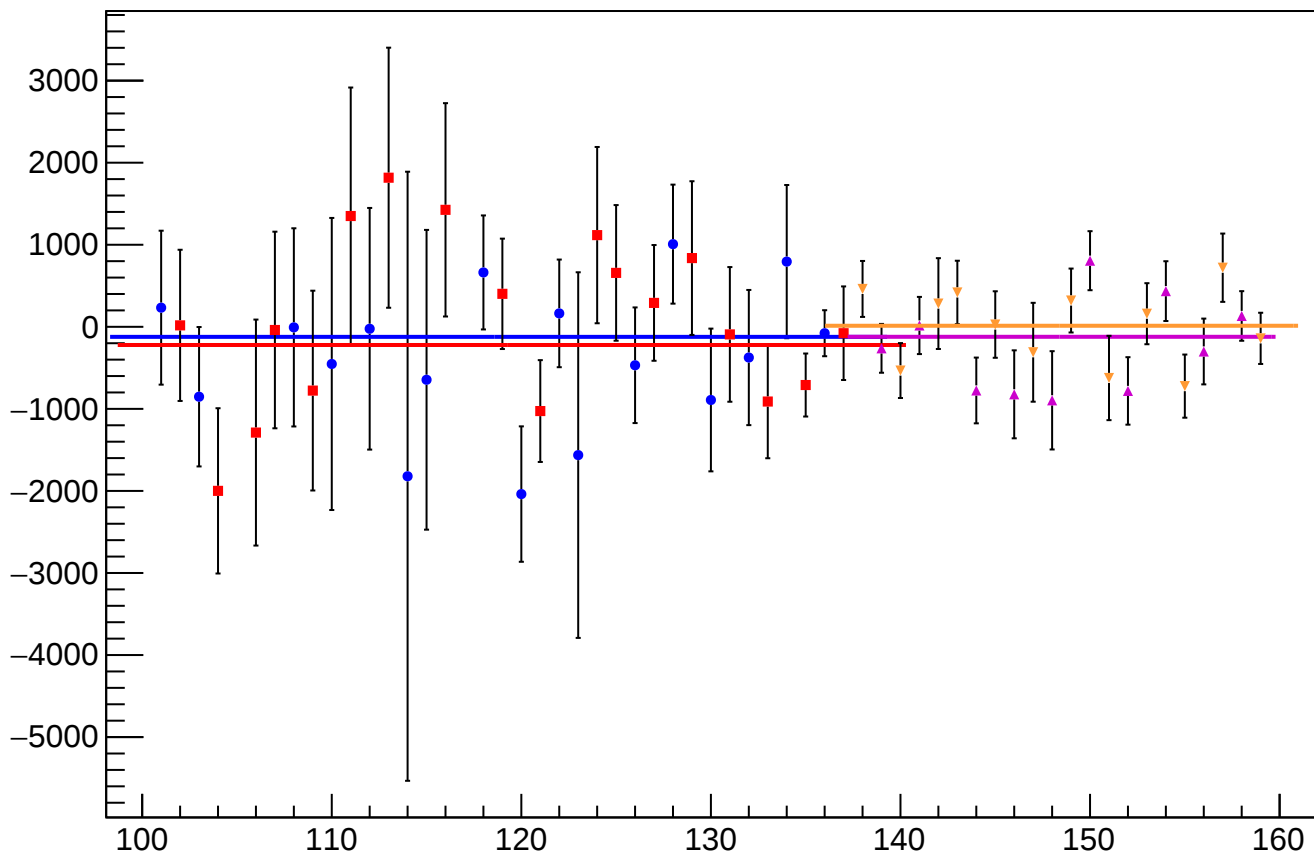
Right: 84.980 $\pm$ 0.017 χ^2/NDF : 1990355.7/34

In: 83.595 $\pm$ 0.016 χ^2/NDF : 1024247.2/26

Out: 82.937 $\pm$ 0.015 χ^2/NDF : 1105529.4/29

All: 83.252 $\pm$ 0.011 χ^2/NDF : 2130710.8/56

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 χ^2/NDF : 13.0/16

Left Out: 12.870 ± 114.156 χ^2/NDF : 15.1/11

Right Out: -221.525 ± 185.098 χ^2/NDF : 18.0/17

Left In: -121.659 ± 119.199 χ^2/NDF : 18.9/9

Left: -51.489 ± 82.446 χ^2/NDF : 34.7/21

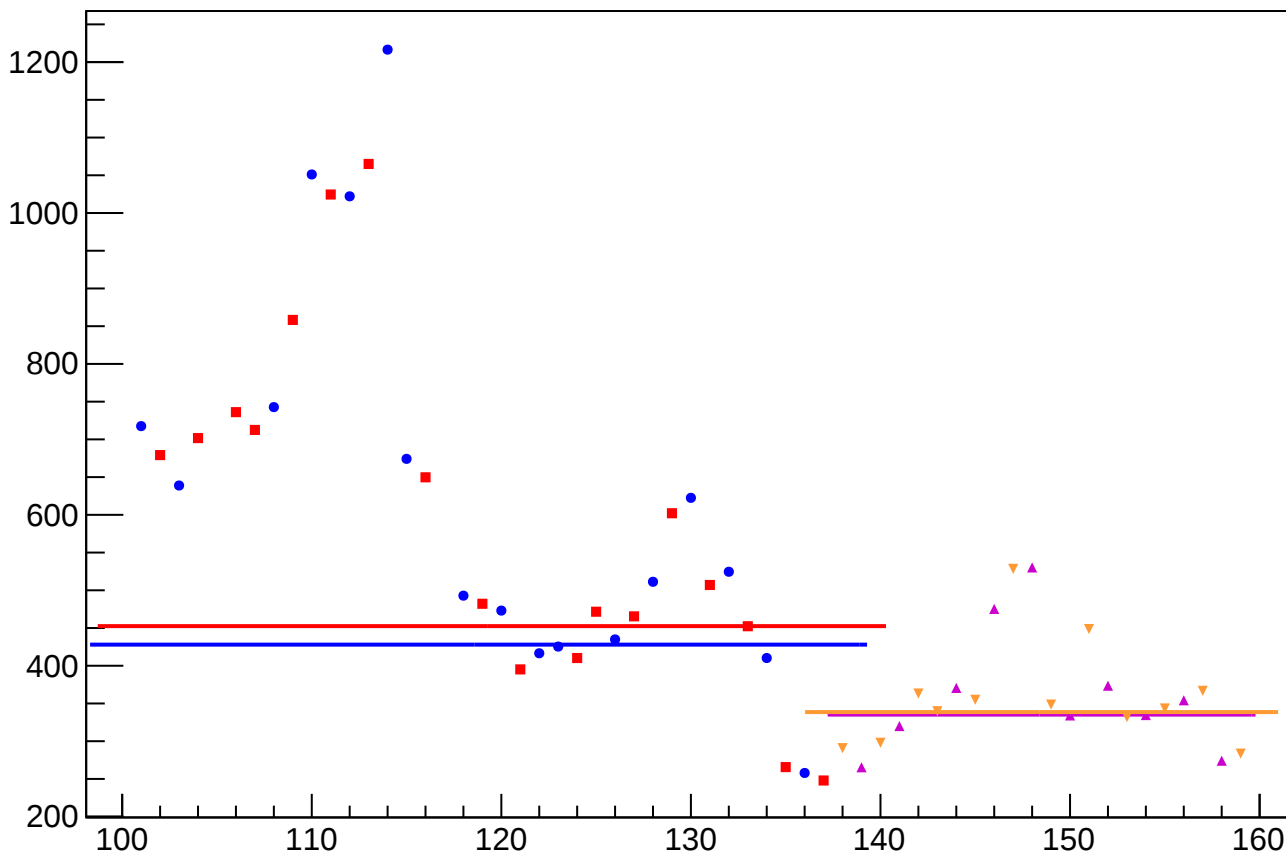
Right: -170.470 ± 128.892 χ^2/NDF : 31.2/34

In: -121.889 ± 99.313 χ^2/NDF : 31.9/26

Out: -51.718 ± 97.163 χ^2/NDF : 34.3/29

All: -86.036 ± 69.453 χ^2/NDF : 66.5/56

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 338.600+/-0.081 χ^2/NDF : 439913.5/11

Right Out: 452.508+/-0.131 χ^2/NDF : 2073032.9/17

Left In: 335.257+/-0.084 χ^2/NDF : 581685.8/9

Left: 337.001+/-0.058 χ^2/NDF : 1022419.7/21

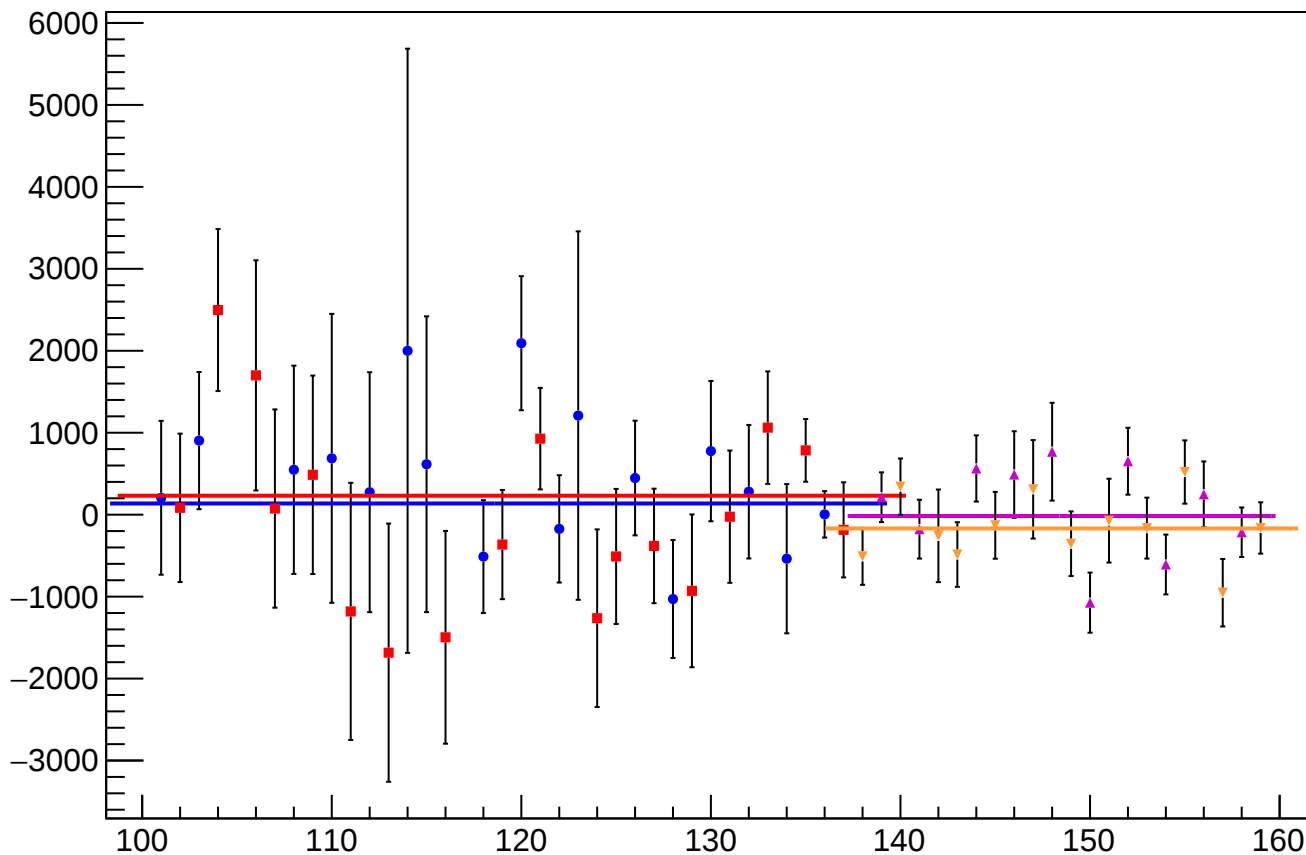
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 363.615+/-0.070 χ^2/NDF : 3014083.0/26

Out: 369.987+/-0.069 χ^2/NDF : 3061652.8/29

All: 366.871+/-0.049 χ^2/NDF : 6079942.4/56

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810+/-179.609 χ^2/NDF : 12.6/16

Left Out: -168.242+/-115.155 χ^2/NDF : 11.5/11

Right Out: 231.586+/-184.578 χ^2/NDF : 21.8/17

Left In: -16.175+/-120.150 χ^2/NDF : 20.0/9

Left: -95.435+/-83.137 χ^2/NDF : 32.4/21

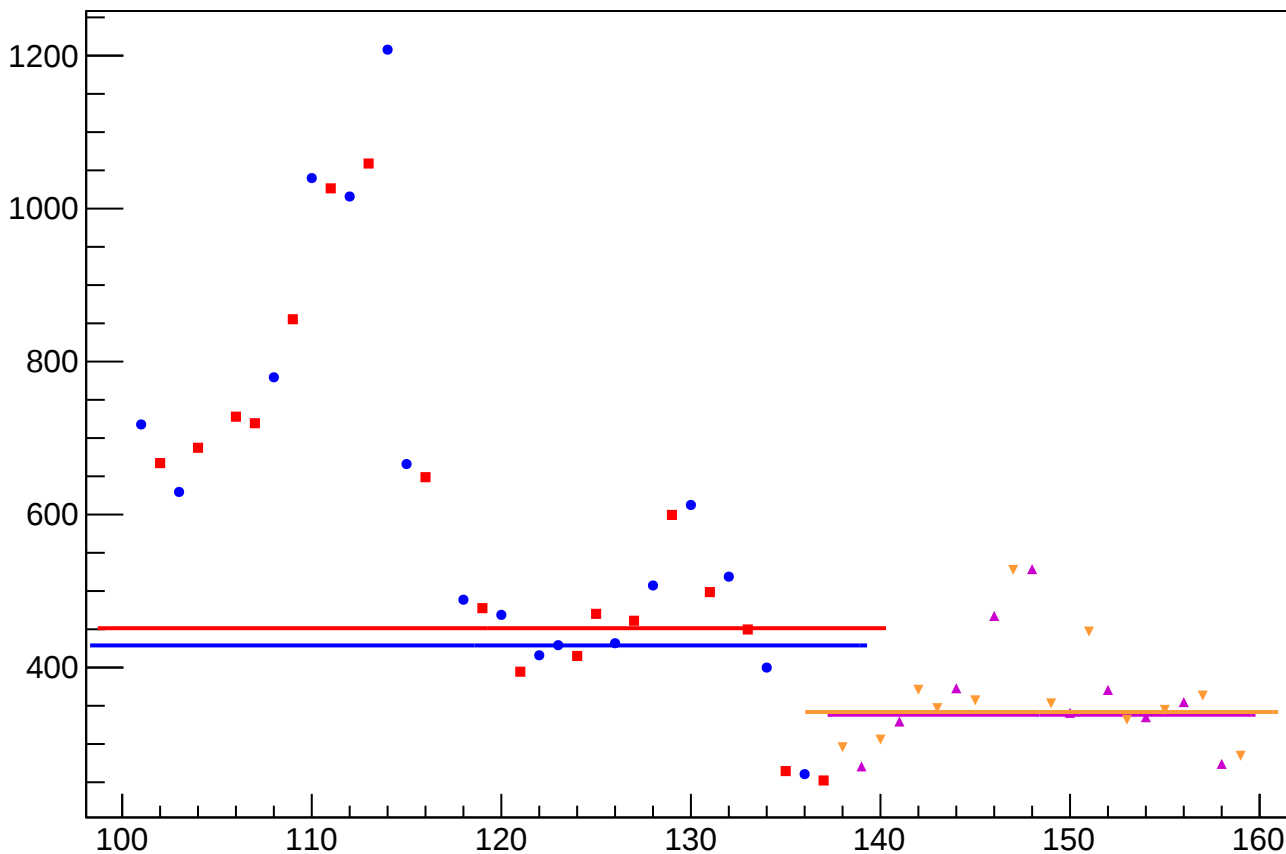
Right: 182.905+/-128.724 χ^2/NDF : 34.5/34

In: 31.121+/-99.865 χ^2/NDF : 33.1/26

Out: -56.220+/-97.700 χ^2/NDF : 36.7/29

All: -13.506+/-69.837 χ^2/NDF : 70.2/56

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 341.868 $\pm$ 0.081 χ^2 /NDF: 416820.0/11

Right Out: 451.411 $\pm$ 0.131 χ^2 /NDF: 2030742.8/17

Left In: 338.243 $\pm$ 0.085 χ^2 /NDF: 545028.6/9

Left: 340.132 $\pm$ 0.059 χ^2 /NDF: 962797.6/21

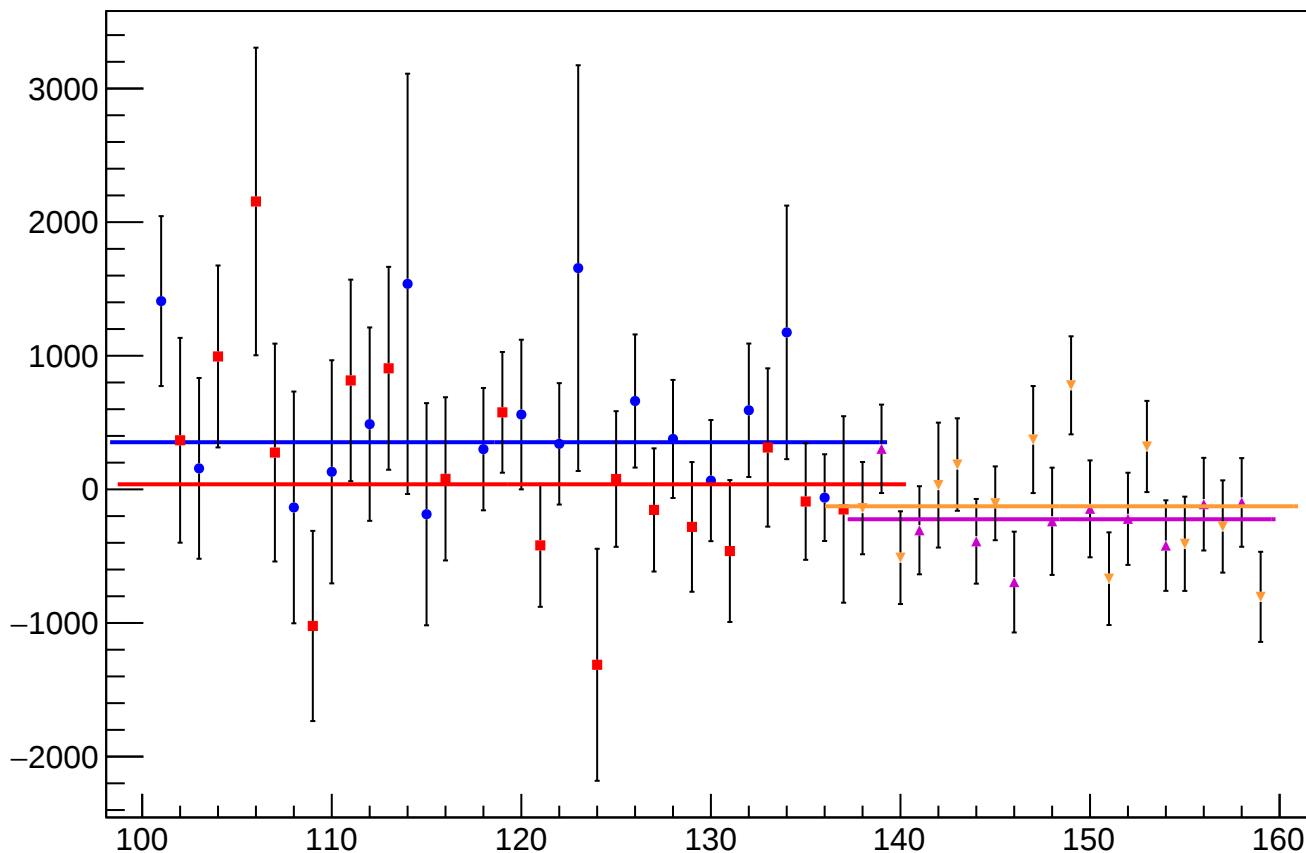
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 366.267 $\pm$ 0.071 χ^2 /NDF: 2907552.9/26

Out: 372.559 $\pm$ 0.069 χ^2 /NDF: 2954626.4/29

All: 369.482 $\pm$ 0.049 χ^2 /NDF: 5866237.0/56

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -126.521 ± 100.764 χ^2/NDF : 18.8/11

Right Out: 37.982 ± 139.023 χ^2/NDF : 16.9/17

Left In: -223.629 ± 109.344 χ^2/NDF : 5.1/9

Left: -171.116 ± 74.099 χ^2/NDF : 24.3/21

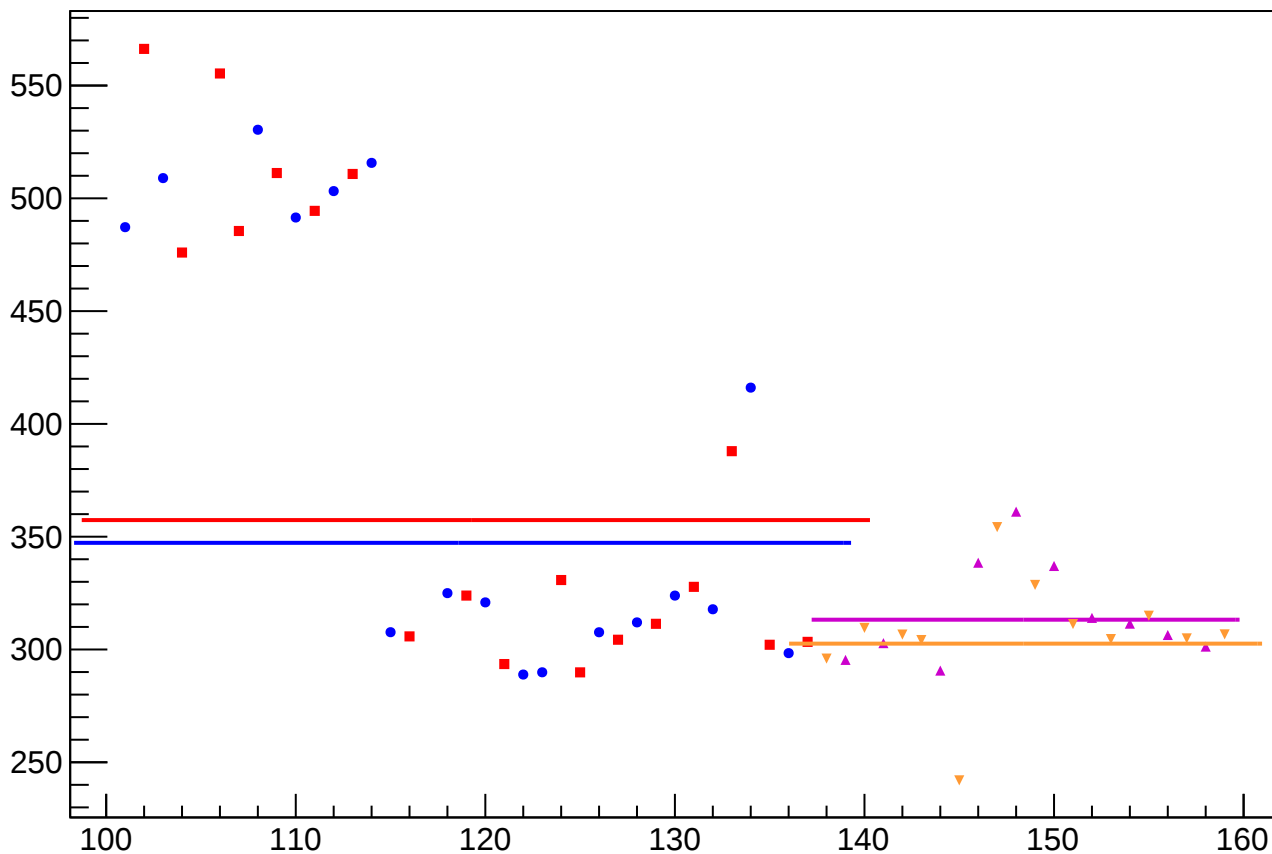
Right: 197.421 ± 97.689 χ^2/NDF : 28.1/34

In: 0.132 ± 85.533 χ^2/NDF : 24.4/26

Out: -69.865 ± 81.587 χ^2/NDF : 36.7/29

All: -36.518 ± 59.037 χ^2/NDF : 61.4/56

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280 $\pm$ 0.097 χ^2/NDF : 618906.8/16

Left Out: 302.593 $\pm$ 0.071 χ^2/NDF :145501.7/11

Right Out: 357.365 $\pm$ 0.098 χ^2/NDF : 759938.5/17

Left In: 313.204 $\pm$ 0.077 χ^2/NDF :67391.2/9

Left: 307.466 $\pm$ 0.052 χ^2/NDF : 223078.0/21

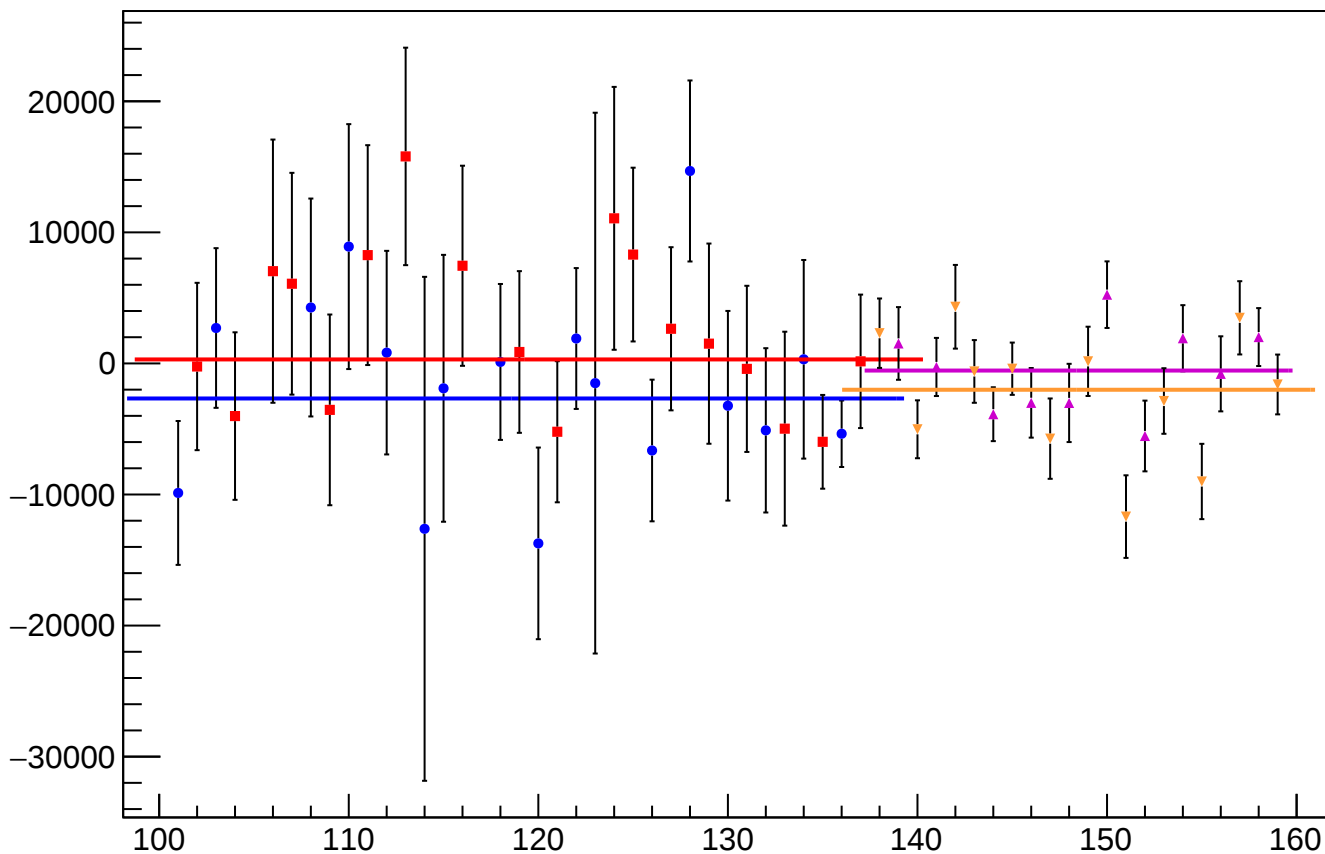
Right: 352.259 $\pm$ 0.069 χ^2/NDF : 1384173.3/34

In: 326.429 $\pm$ 0.060 χ^2/NDF :761680.7/26

Out: 321.457 $\pm$ 0.058 χ^2/NDF :1108958.4/29

All: 323.825 $\pm$ 0.042 χ^2/NDF : 1874177.7/56

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2/NDF : 16.7/16

Left Out: -2008.402 $\pm$ 740.595 χ^2/NDF : 31.0/11

Right Out: 304.817 $\pm$ 1517.834 χ^2/NDF : 14.4/17

Left In: -543.069 $\pm$ 790.506 χ^2/NDF : 15.7/9

Left: -1323.452 $\pm$ 540.464 χ^2/NDF : 48.5/21

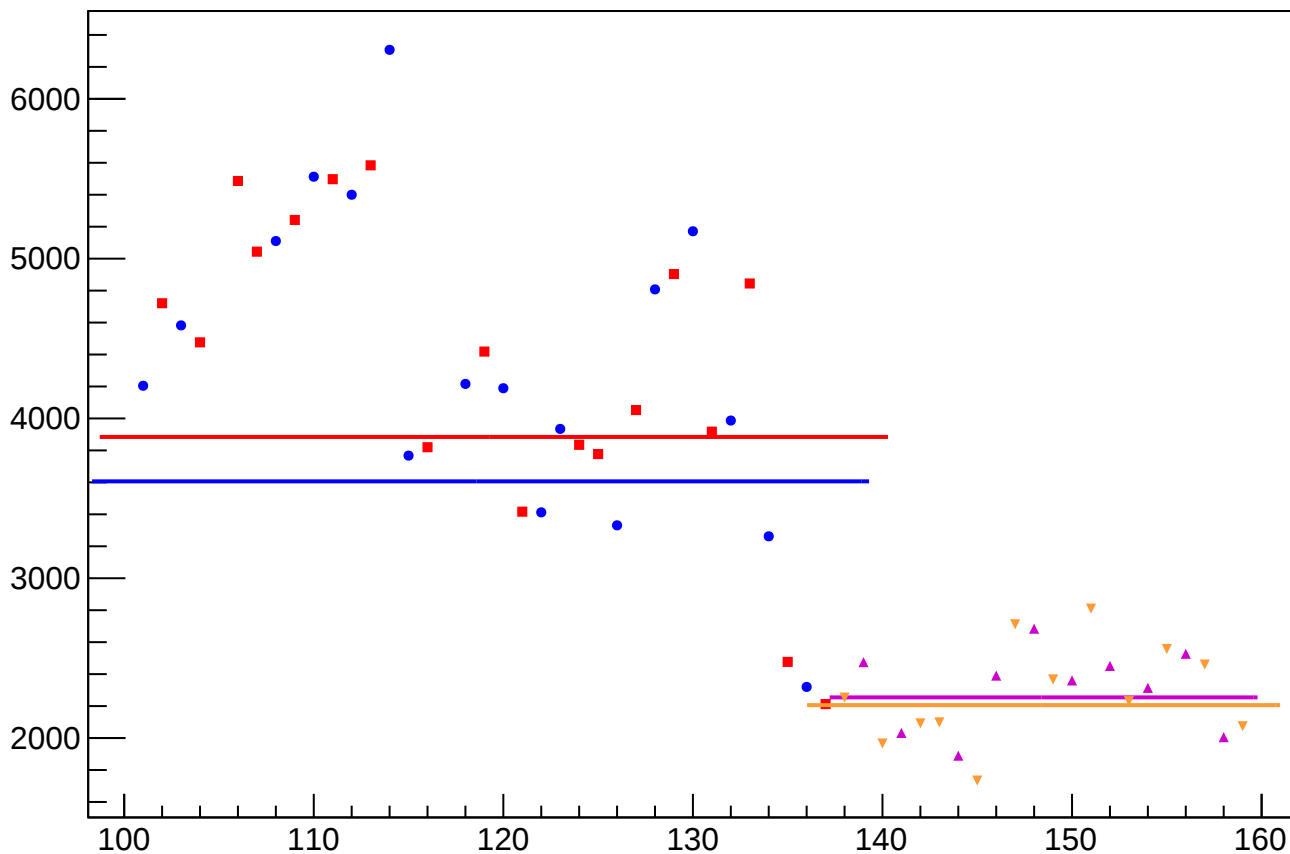
Right: -1246.323 $\pm$ 1050.798 χ^2/NDF : 33.1/34

In: -1028.114 $\pm$ 694.738 χ^2/NDF : 34.1/26

Out: -1563.583 $\pm$ 665.591 χ^2/NDF : 47.2/29

All: -1307.316 $\pm$ 480.618 χ^2/NDF : 81.6/56

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359 $\pm$ 1.030 χ^2 /NDF: 1092516.6/16

Left Out: 2206.014 $\pm$ 0.524 χ^2 /NDF:331551.0/11

Right Out: 3884.203 $\pm$ 1.073 χ^2 /NDF: 994574.5/17

Left In: 2254.404 $\pm$ 0.559 χ^2 /NDF:201276.4/9

Left: 2228.633 $\pm$ 0.382 χ^2 /NDF: 536818.5/21

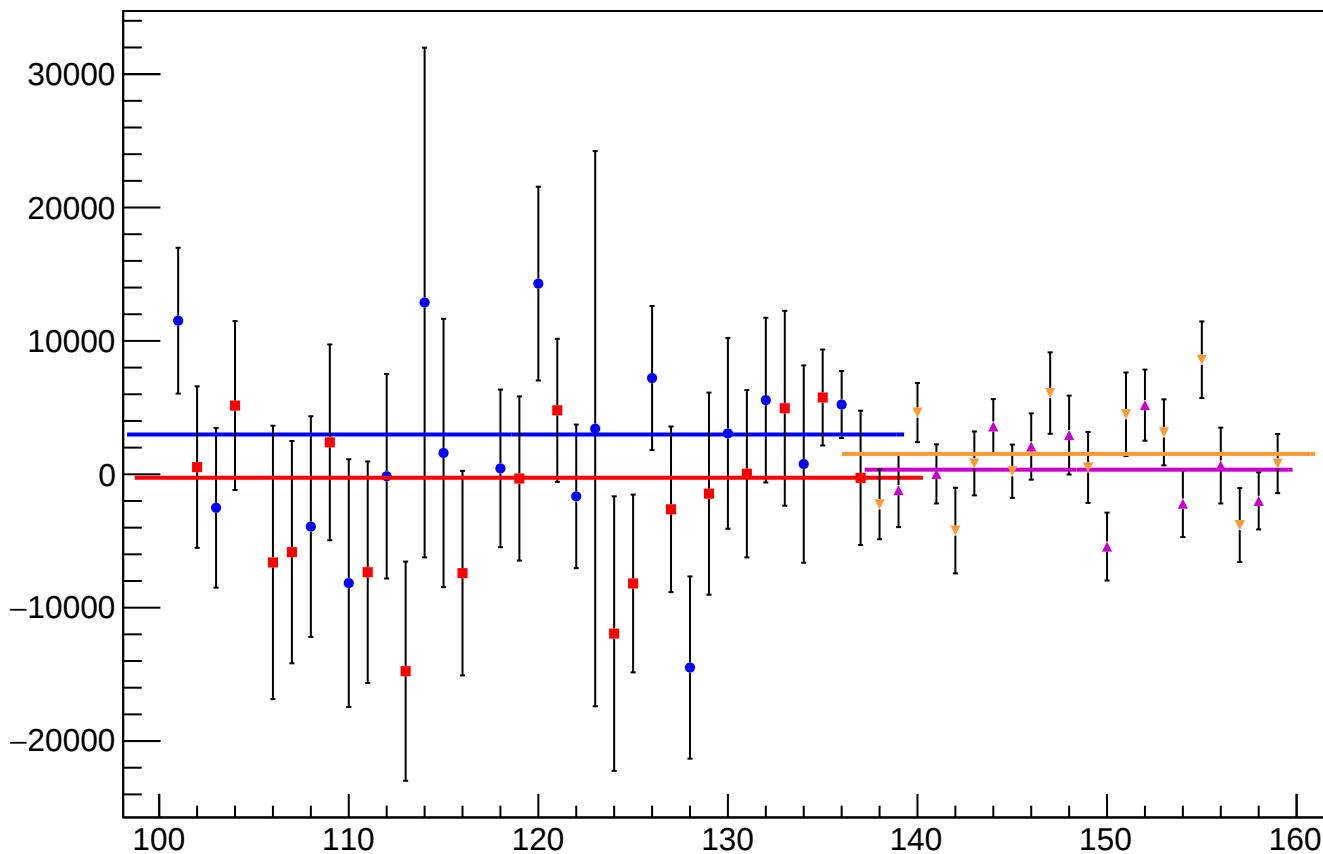
Right: 3739.524 $\pm$ 0.743 χ^2 /NDF: 2121988.0/34

In: 2562.133 $\pm$ 0.491 χ^2 /NDF:2625326.7/26

Out: 2528.720 $\pm$ 0.471 χ^2 /NDF:3300896.0/29

All: 2544.711 $\pm$ 0.340 χ^2 /NDF: 5928635.0/56

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1525.436+/-737.200 χ^2/NDF : 21.3/11

Right Out: -259.721+/-1510.344 χ^2/NDF : 13.5/17

Left In: 345.191+/-779.866 χ^2/NDF : 14.8/9

Left: 968.480+/-535.728 χ^2/NDF : 37.3/21

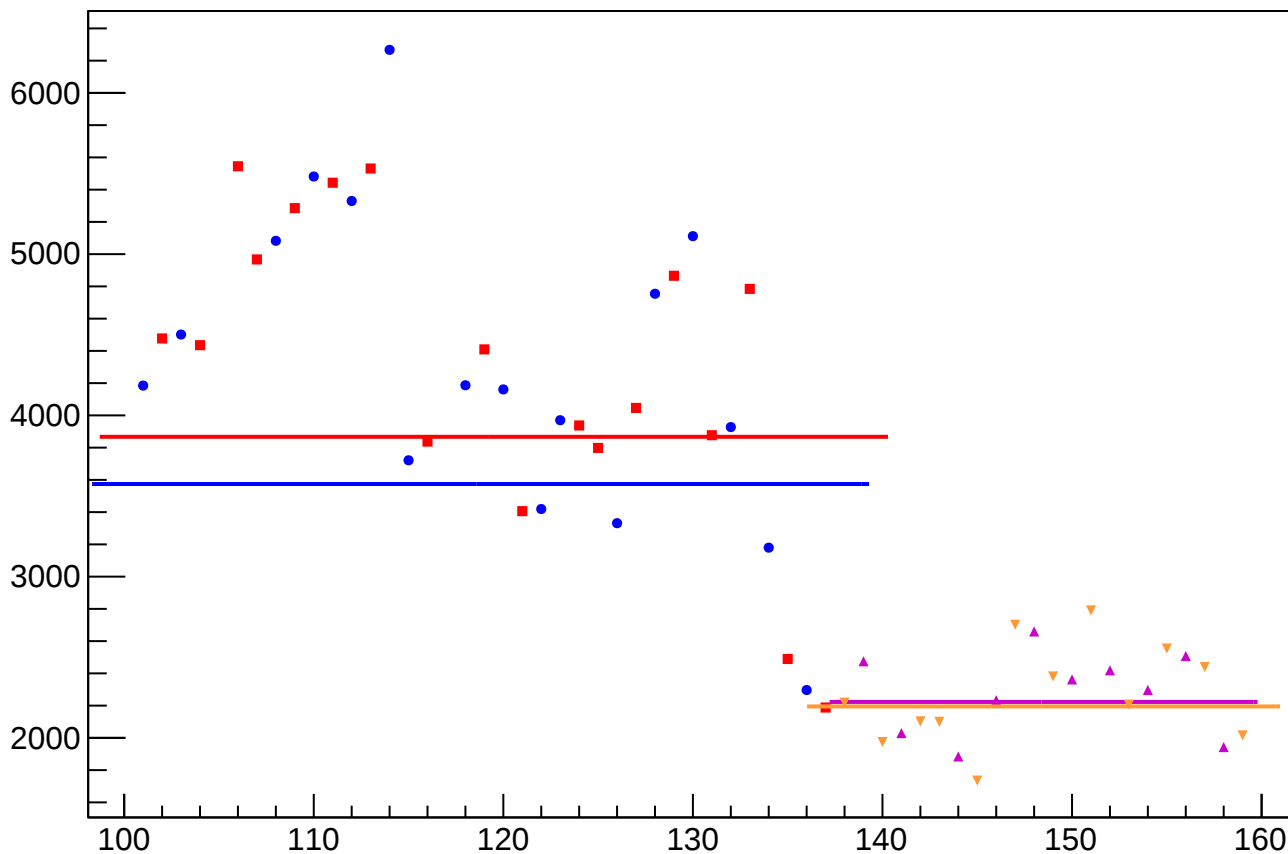
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 941.219+/-686.148 χ^2/NDF : 34.8/26

Out: 1181.966+/-662.495 χ^2/NDF : 36.0/29

All: 1065.813+/-476.597 χ^2/NDF : 70.8/56

asym_sam2_rms vs Slug, Sign Corrected



Left: 2208.094 $\pm$ 0.379 χ^2/NDF : 531926.9/21

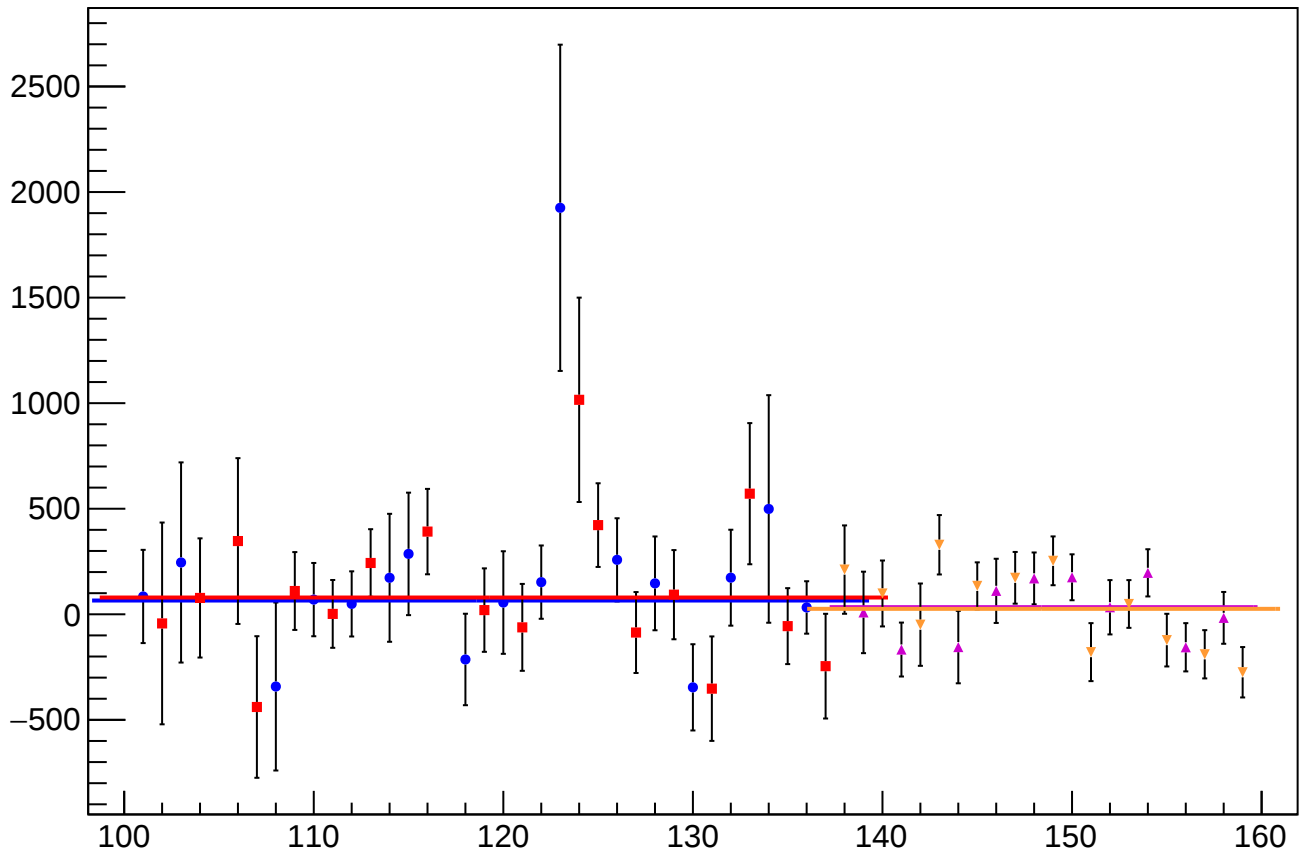
Right: 3714.186 $\pm$ 0.738 χ^2/NDF : 2098786.6/34

In: 2528.126 $\pm$ 0.485 χ^2/NDF : 2651163.8/26

Out: 2516.702 $\pm$ 0.468 χ^2/NDF : 3276036.1/29

All: 2522.214 $\pm$ 0.337 χ^2/NDF : 5927486.8/56

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 25.828 $\pm$ 37.662 χ^2 /NDF:25.6/11

Right Out: 79.473 $\pm$ 52.344 χ^2 /NDF: 22.2/17

Left In: 33.817 $\pm$ 40.835 χ^2 /NDF:11.9/9

Left: 29.500 $\pm$ 27.685 χ^2 /NDF: 37.6/21

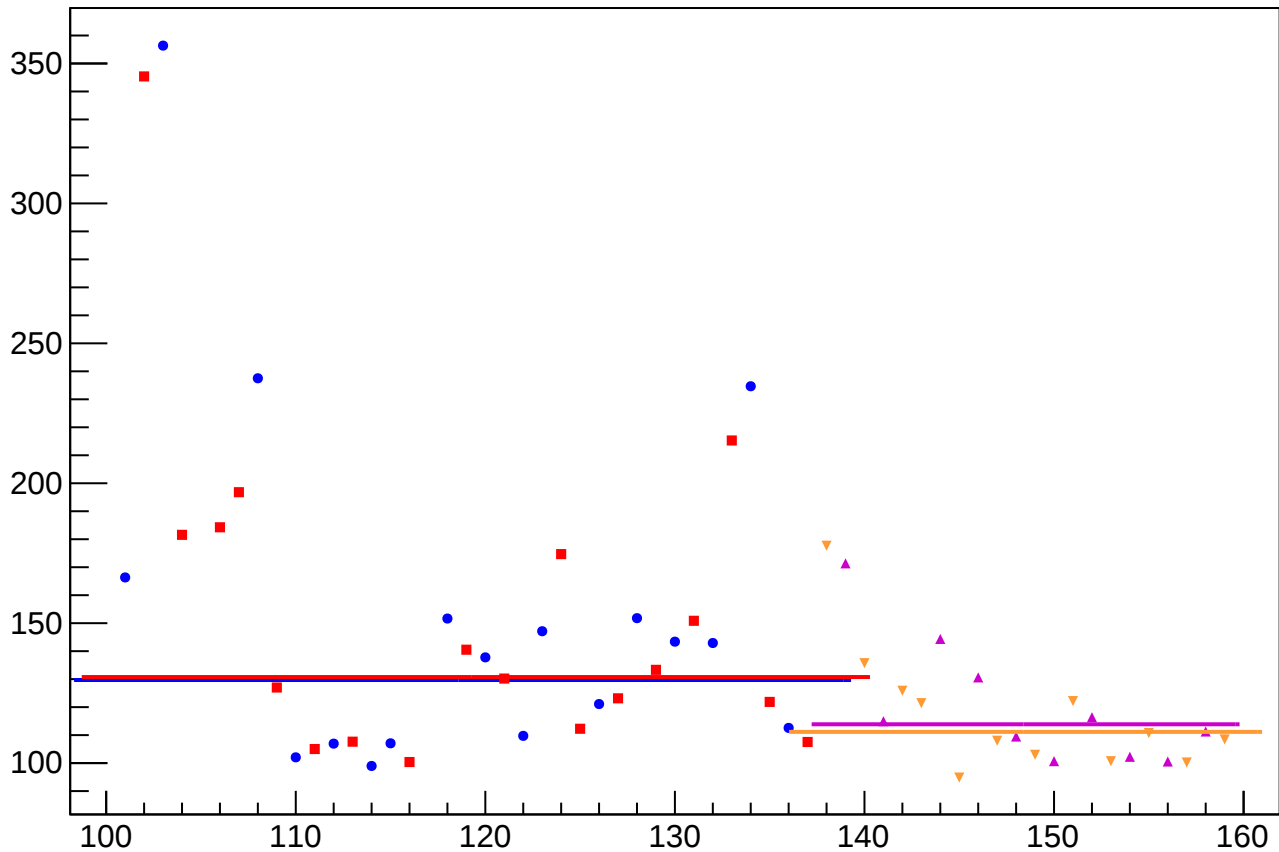
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 45.600 $\pm$ 32.279 χ^2 /NDF:27.9/26

Out: 44.126 $\pm$ 30.571 χ^2 /NDF:48.5/29

All: 44.823 $\pm$ 22.196 χ^2 /NDF: 76.4/56

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.163 $\pm$ 0.027 χ^2 /NDF: 377175.0/11

Right Out: 130.751 $\pm$ 0.037 χ^2 /NDF: 927534.3/17

Left In: 113.873 $\pm$ 0.029 χ^2 /NDF: 347424.8/9

Left: 112.409 $\pm$ 0.020 χ^2 /NDF: 729361.2/21

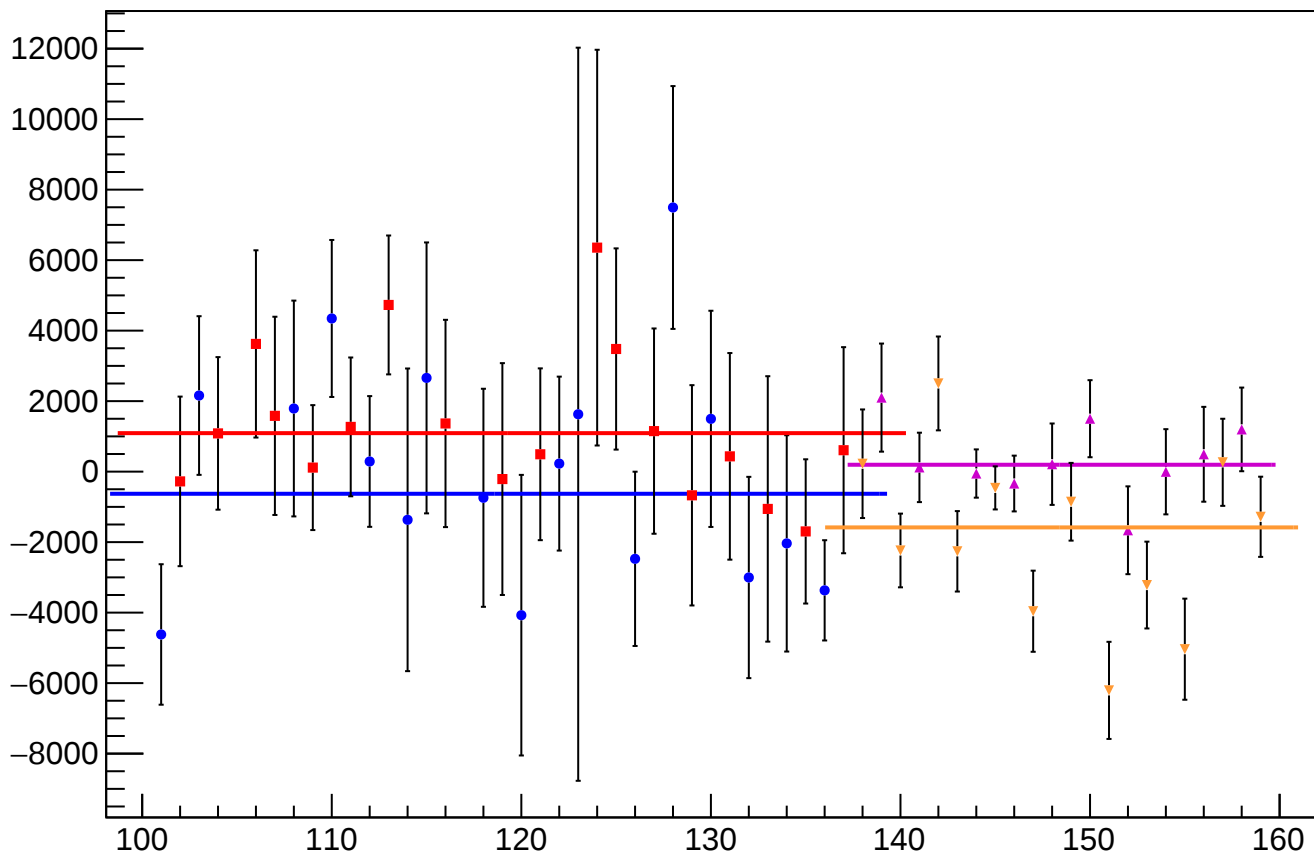
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 119.810 $\pm$ 0.023 χ^2 /NDF: 1449765.7/26

Out: 117.845 $\pm$ 0.022 χ^2 /NDF: 1489257.5/29

All: 118.774 $\pm$ 0.016 χ^2 /NDF: 2942929.6/56

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175+/-621.486 χ^2/NDF : 24.3/16

Left Out: -1582.434+/-315.808 χ^2/NDF : 40.7/11

Right Out: 1091.945+/-599.483 χ^2/NDF : 9.4/17

Left In: 195.029+/-326.781 χ^2/NDF : 6.6/9

Left: -724.046+/-227.090 χ^2/NDF : 62.6/21

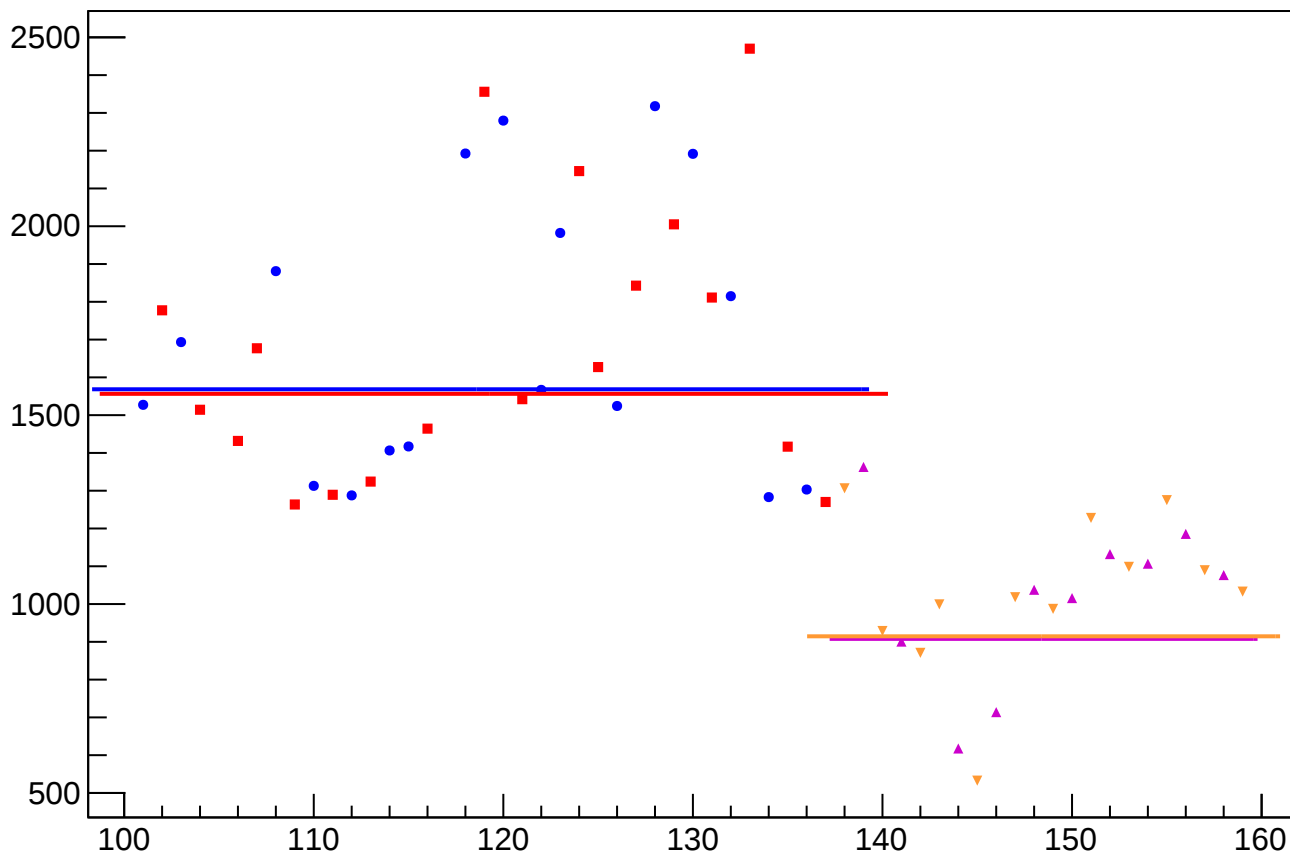
Right: 262.874+/-431.468 χ^2/NDF : 37.6/34

In: 16.732+/-289.235 χ^2/NDF : 32.2/26

Out: -1001.472+/-279.408 χ^2/NDF : 65.7/29

All: -509.961+/-200.956 χ^2/NDF : 104.3/56

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 914.620 $\pm$ 0.223 χ^2 /NDF:1285962.6/11

Right Out: 1556.423 $\pm$ 0.424 χ^2 /NDF: 510453.6/17

Left In: 907.844 $\pm$ 0.231 χ^2 /NDF:945112.1/9

Left: 911.348 $\pm$ 0.161 χ^2 /NDF: 2231519.3/21

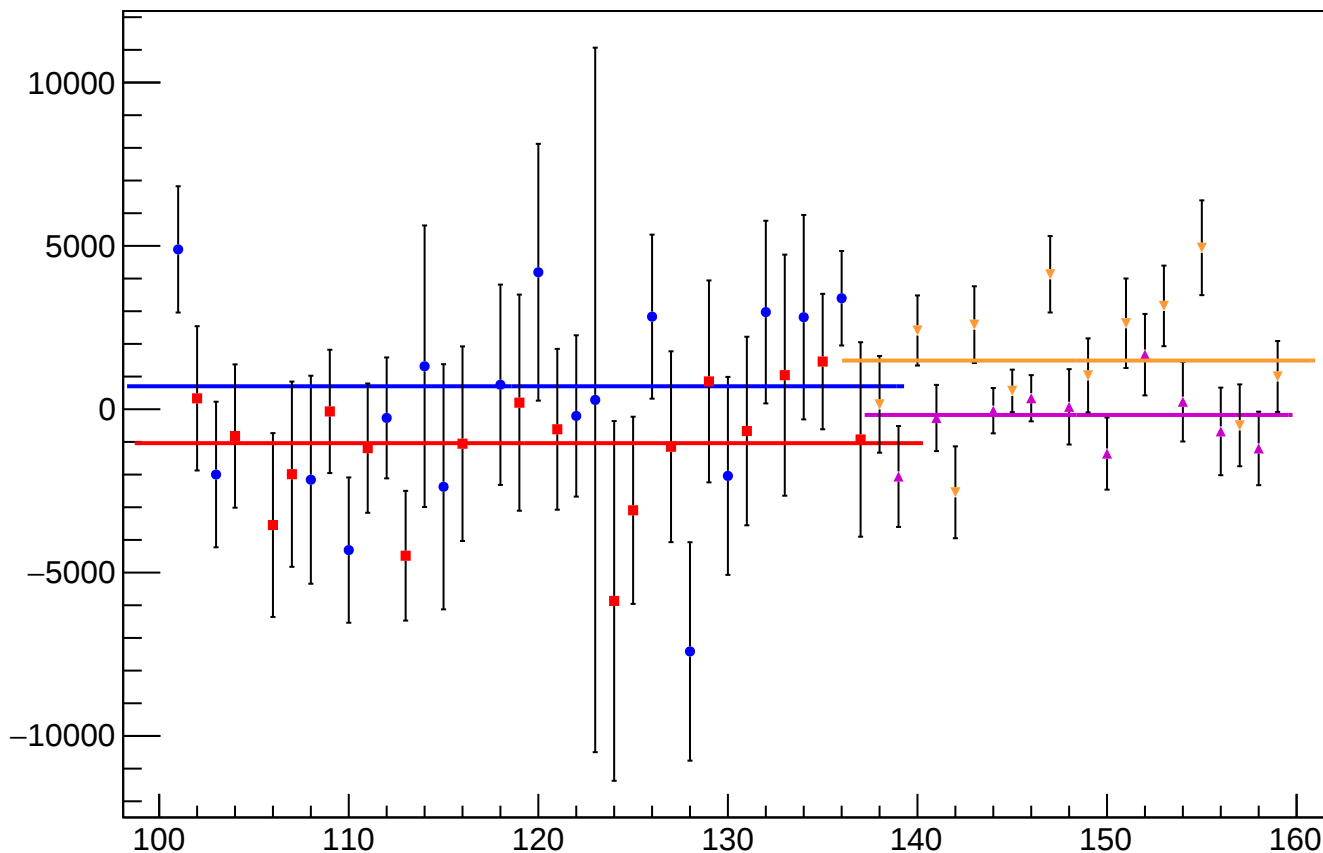
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1050.932 $\pm$ 0.205 χ^2 /NDF:3249744.3/26

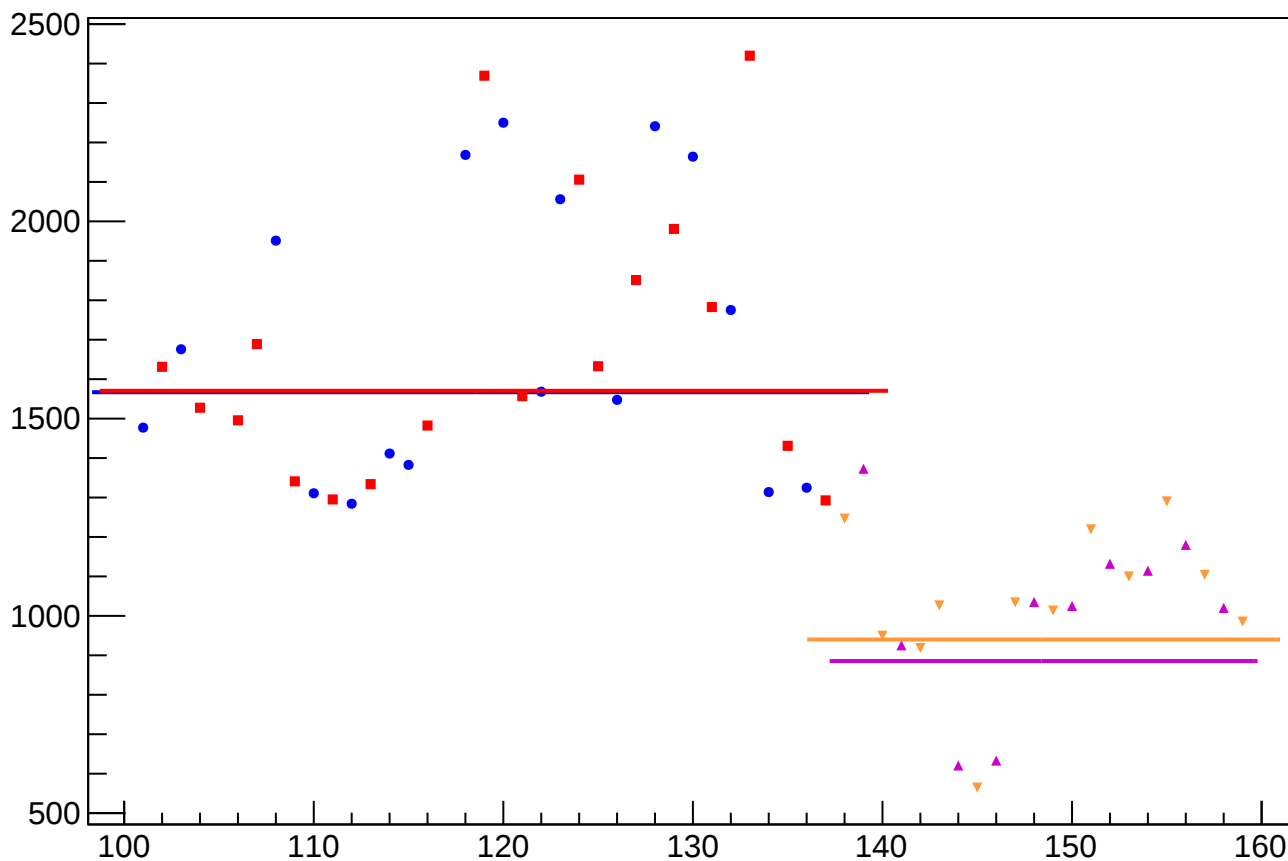
Out: 1054.040 $\pm$ 0.198 χ^2 /NDF:3590794.1/29

All: 1052.540 $\pm$ 0.142 χ^2 /NDF: 6840657.9/56

asym_sam3_mean vs Slug, Sign Corrected



asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 940.125 $\pm$ 0.228 χ^2 /NDF: 1056067.1/11

Right Out: 1570.549 $\pm$ 0.427 χ^2 /NDF: 439261.0/17

Left In: 885.510 $\pm$ 0.227 χ^2 /NDF: 1088062.1/9

Left: 912.647 $\pm$ 0.161 χ^2 /NDF: 2172896.7/21

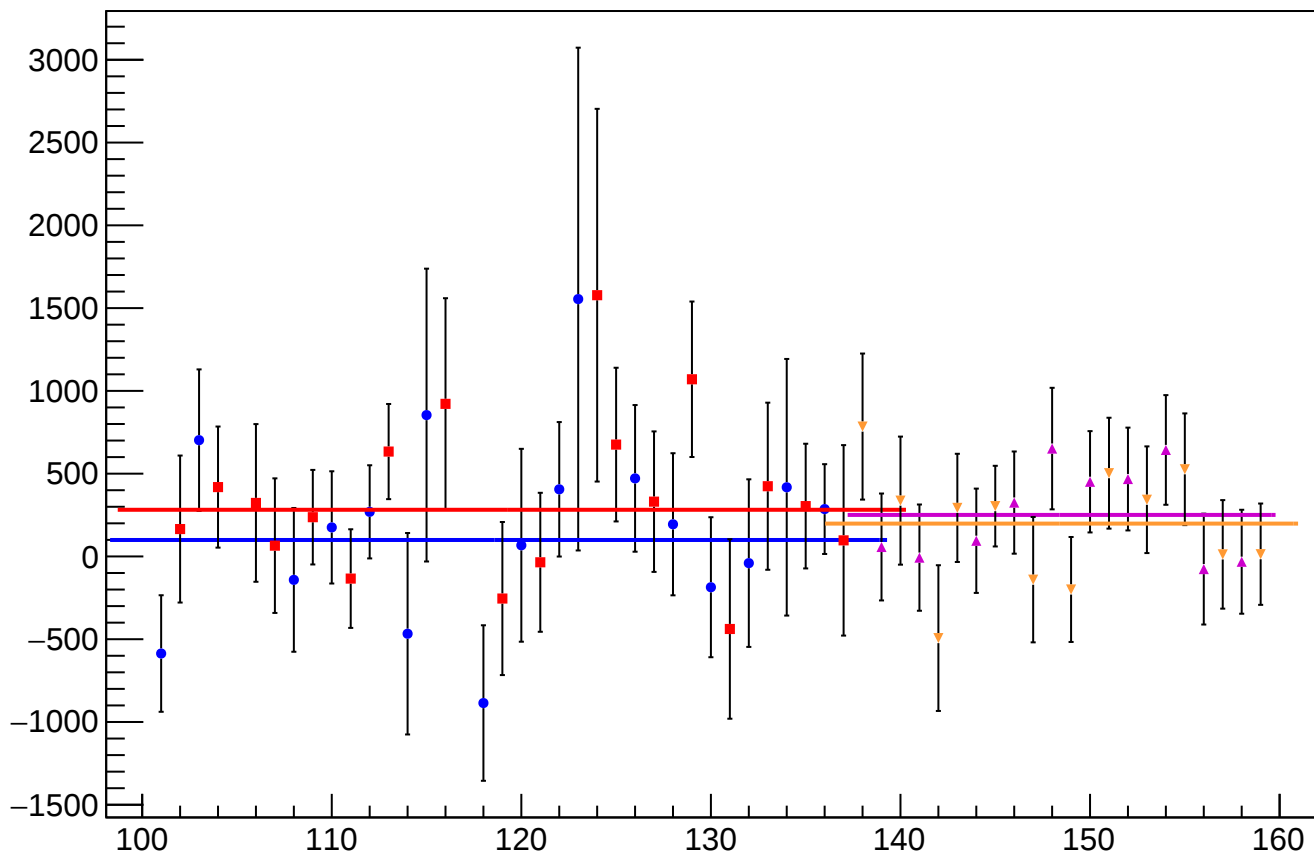
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1029.330 $\pm$ 0.202 χ^2 /NDF: 3490145.5/26

Out: 1080.238 $\pm$ 0.201 χ^2 /NDF: 3188498.8/29

All: 1054.806 $\pm$ 0.142 χ^2 /NDF: 6710553.1/56

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 198.356 $\pm$ 96.474 χ^2 /NDF: 9.7/11

Right Out: 281.830 $\pm$ 97.880 χ^2 /NDF: 13.7/17

Left In: 250.795 $\pm$ 101.784 χ^2 /NDF: 6.6/9

Left: 223.172 $\pm$ 70.020 χ^2 /NDF: 16.4/21

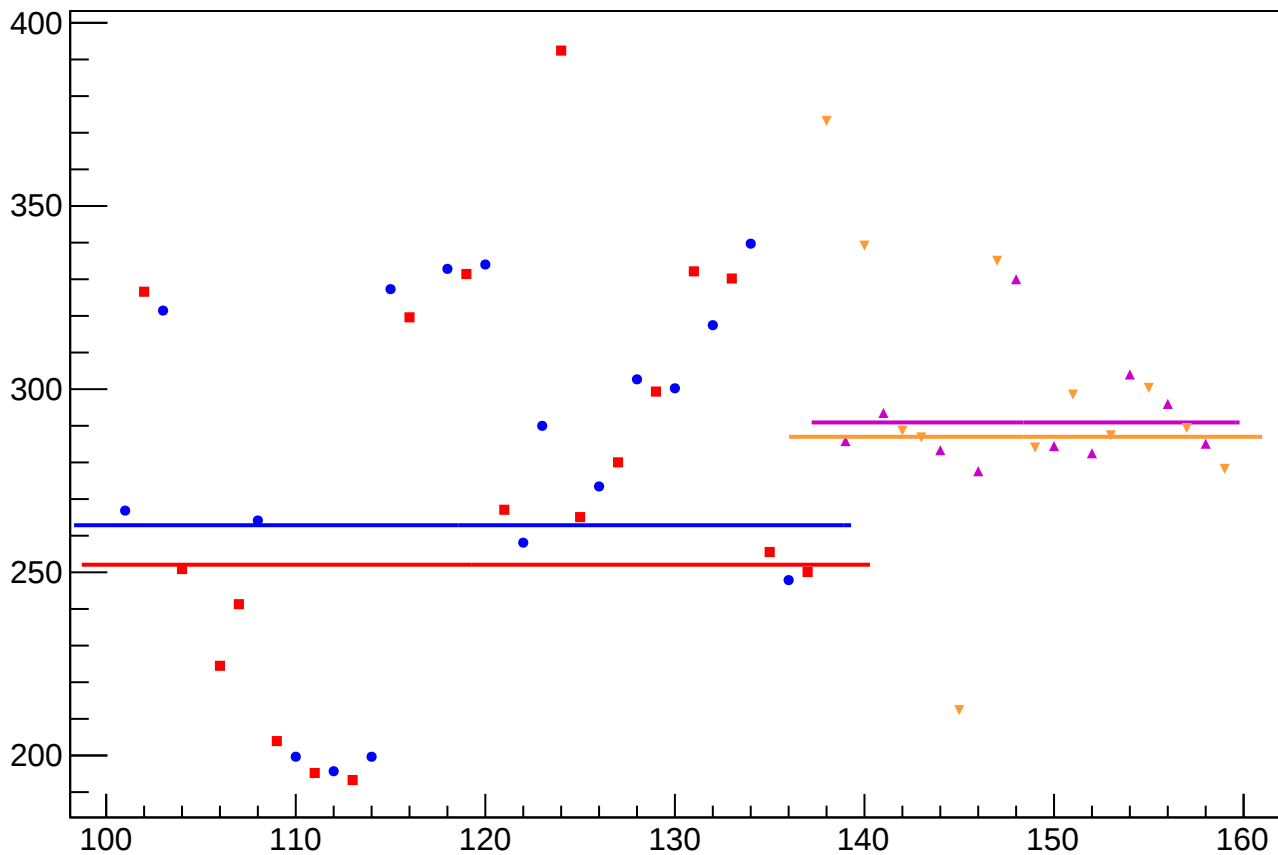
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 176.329 $\pm$ 72.559 χ^2 /NDF: 23.6/26

Out: 239.489 $\pm$ 68.709 χ^2 /NDF: 23.8/29

All: 209.629 $\pm$ 49.890 χ^2 /NDF: 47.8/56

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856 ± 0.073 χ^2/NDF : 411698.3/16

Left Out: 287.000 ± 0.068 χ^2/NDF : 340188.5/11

Right Out: 252.079 ± 0.069 χ^2/NDF : 515150.4/17

Left In: 290.916 ± 0.072 χ^2/NDF : 34817.3/9

Left: 288.853 ± 0.050 χ^2/NDF : 376565.8/21

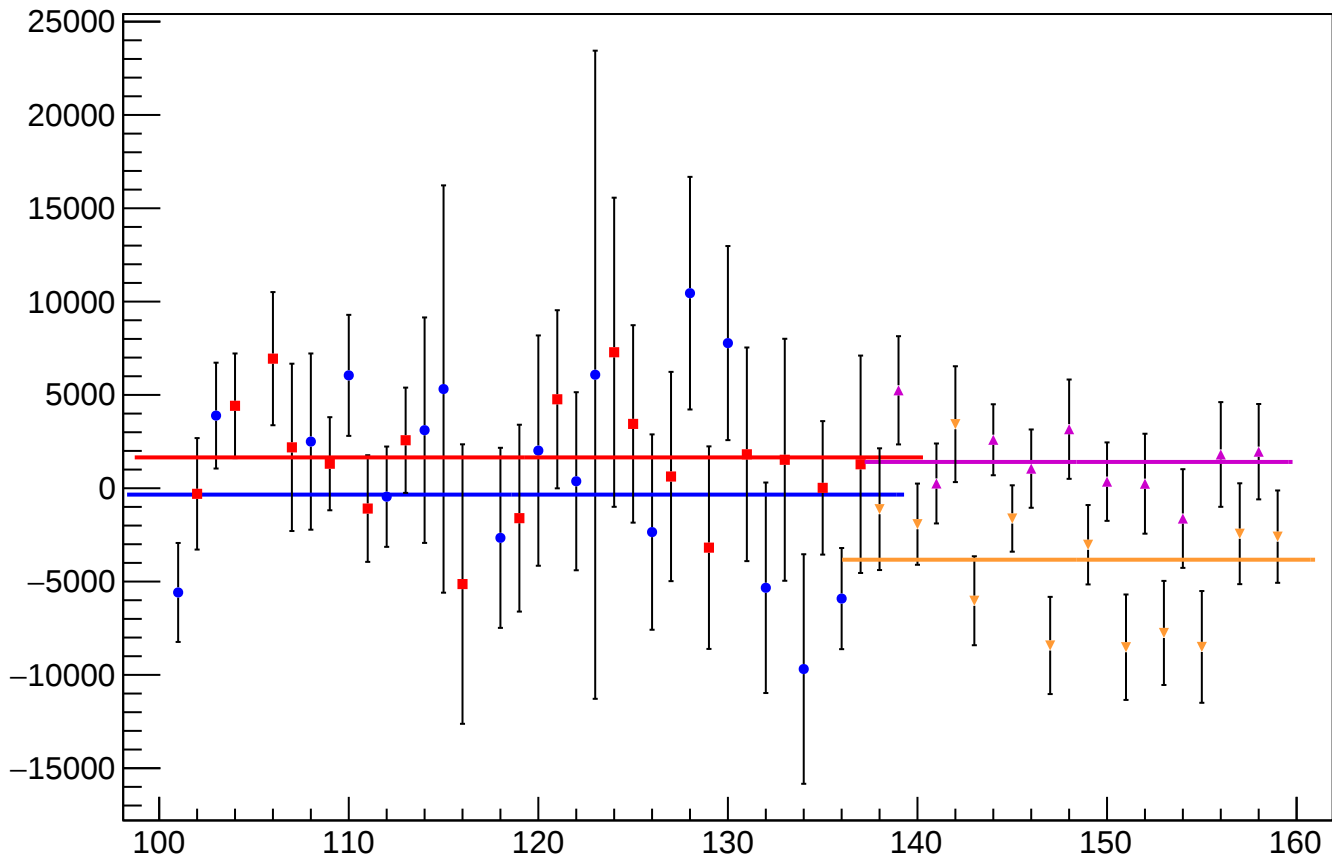
Right: 257.169 ± 0.050 χ^2/NDF : 938300.0/34

In: 277.116 ± 0.051 χ^2/NDF : 521270.9/26

Out: 269.792 ± 0.049 χ^2/NDF : 984461.2/29

All: 273.255 ± 0.035 χ^2/NDF : 1516475.0/56

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 $\pm$ 1004.635 χ^2/NDF : 24.4/16

Left Out: -3829.215 $\pm$ 718.771 χ^2/NDF : 20.3/11

Right Out: 1651.954 $\pm$ 929.858 χ^2/NDF : 7.9/17

Left In: 1408.857 $\pm$ 751.385 χ^2/NDF : 4.7/9

Left: -1326.322 $\pm$ 519.395 χ^2/NDF : 50.4/21

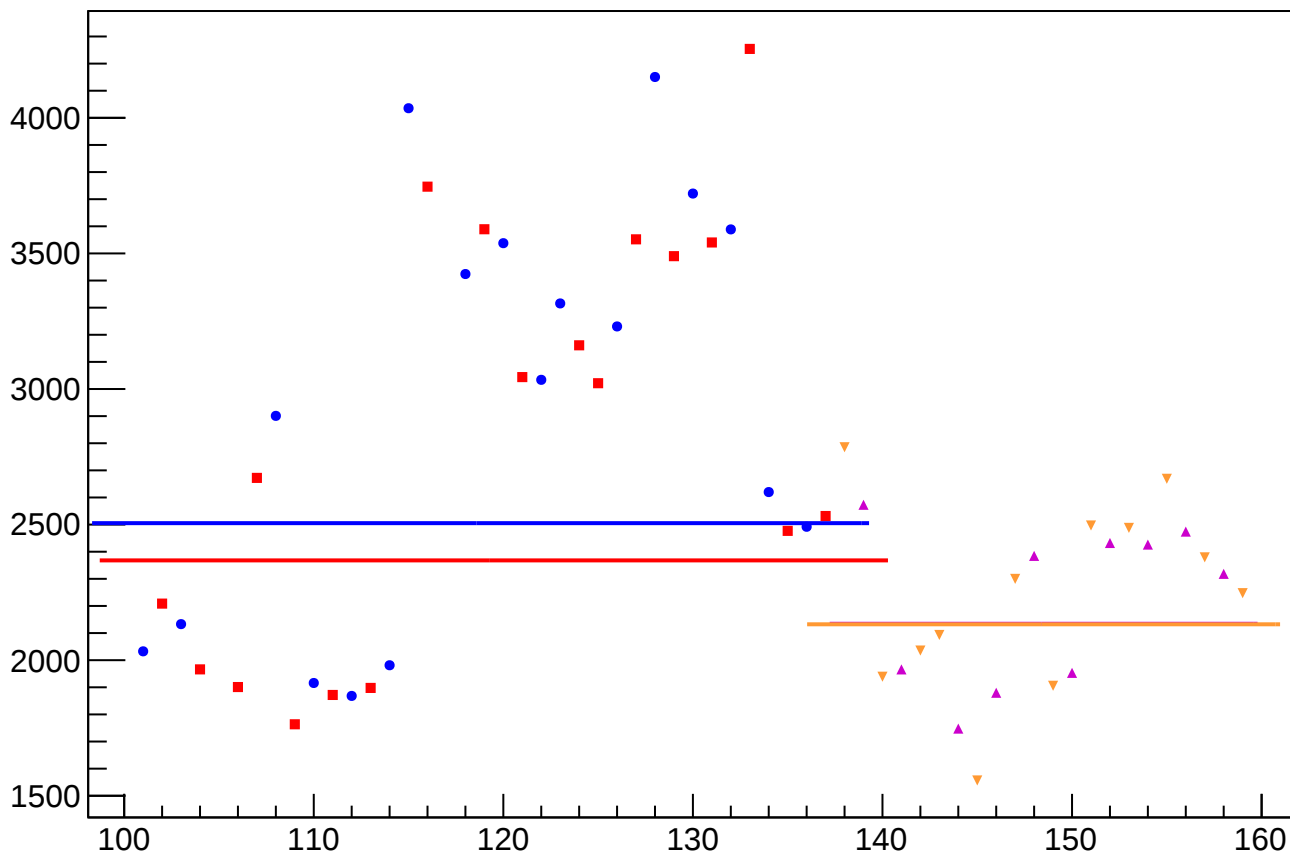
Right: 732.150 $\pm$ 682.415 χ^2/NDF : 34.5/34

In: 780.955 $\pm$ 601.709 χ^2/NDF : 31.1/26

Out: -1779.106 $\pm$ 568.681 χ^2/NDF : 50.0/29

All: -571.262 $\pm$ 413.301 χ^2/NDF : 90.6/56

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329 $\pm$ 0.710 χ^2/NDF : 864133.9/16

Left Out: 2132.323 $\pm$ 0.508 χ^2/NDF : 490091.8/11

Right Out: 2368.003 $\pm$ 0.658 χ^2/NDF : 1030879.9/17

Left In: 2134.258 $\pm$ 0.531 χ^2/NDF : 291642.2/9

Left: 2133.248 $\pm$ 0.367 χ^2/NDF : 781740.9/21

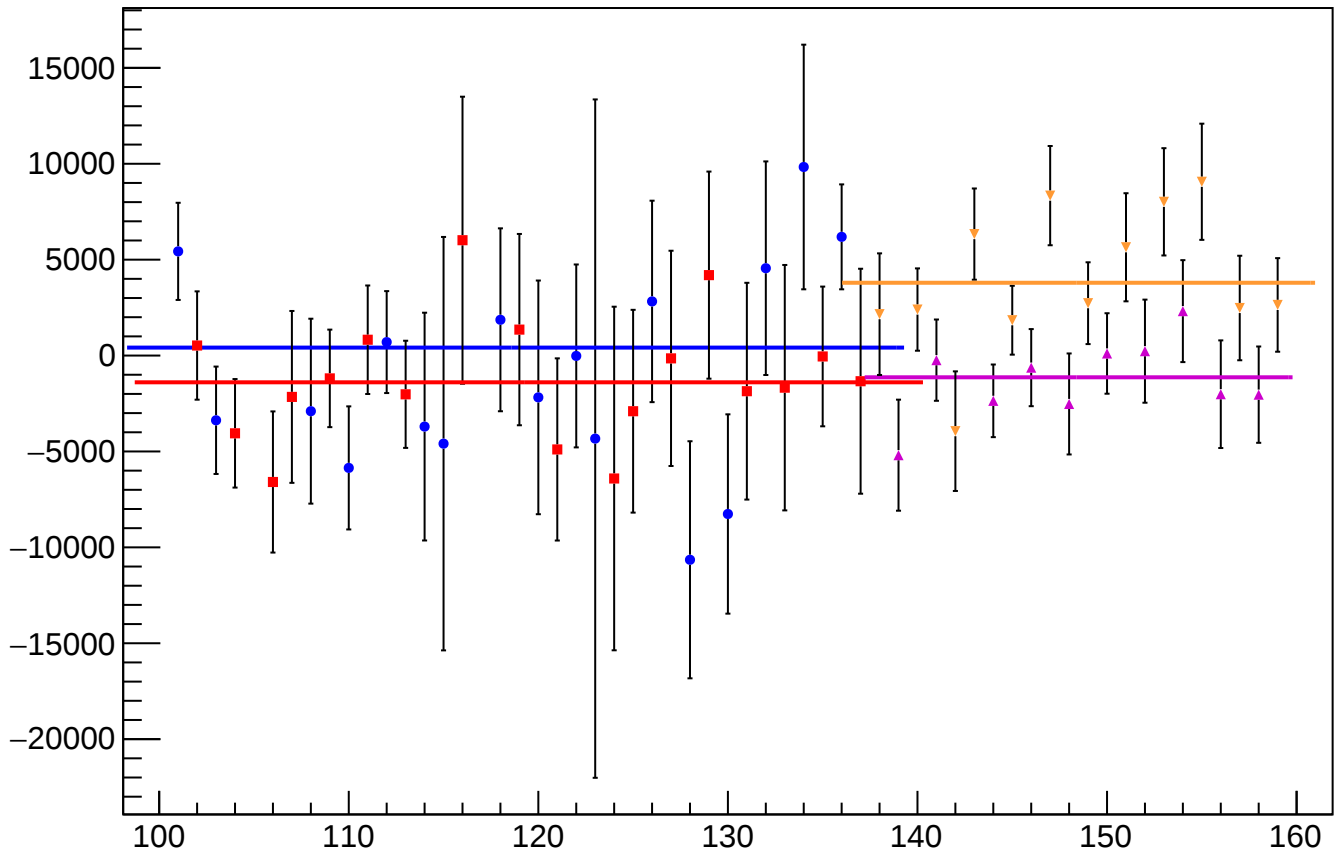
Right: 2431.366 $\pm$ 0.483 χ^2/NDF : 1915141.0/34

In: 2267.369 $\pm$ 0.425 χ^2/NDF : 1330750.5/26

Out: 2220.474 $\pm$ 0.402 χ^2/NDF : 1601397.7/29

All: 2242.599 $\pm$ 0.292 χ^2/NDF : 2938564.8/56

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549 ± 994.913 χ^2/NDF : 24.5/16

Left Out: 3795.852 ± 717.733 χ^2/NDF : 18.7/11

Right Out: -1394.660 ± 928.996 χ^2/NDF : 7.5/17

Left In: -1133.106 ± 744.240 χ^2/NDF : 5.4/9

Left: 1420.711 ± 516.631 χ^2/NDF : 46.8/21

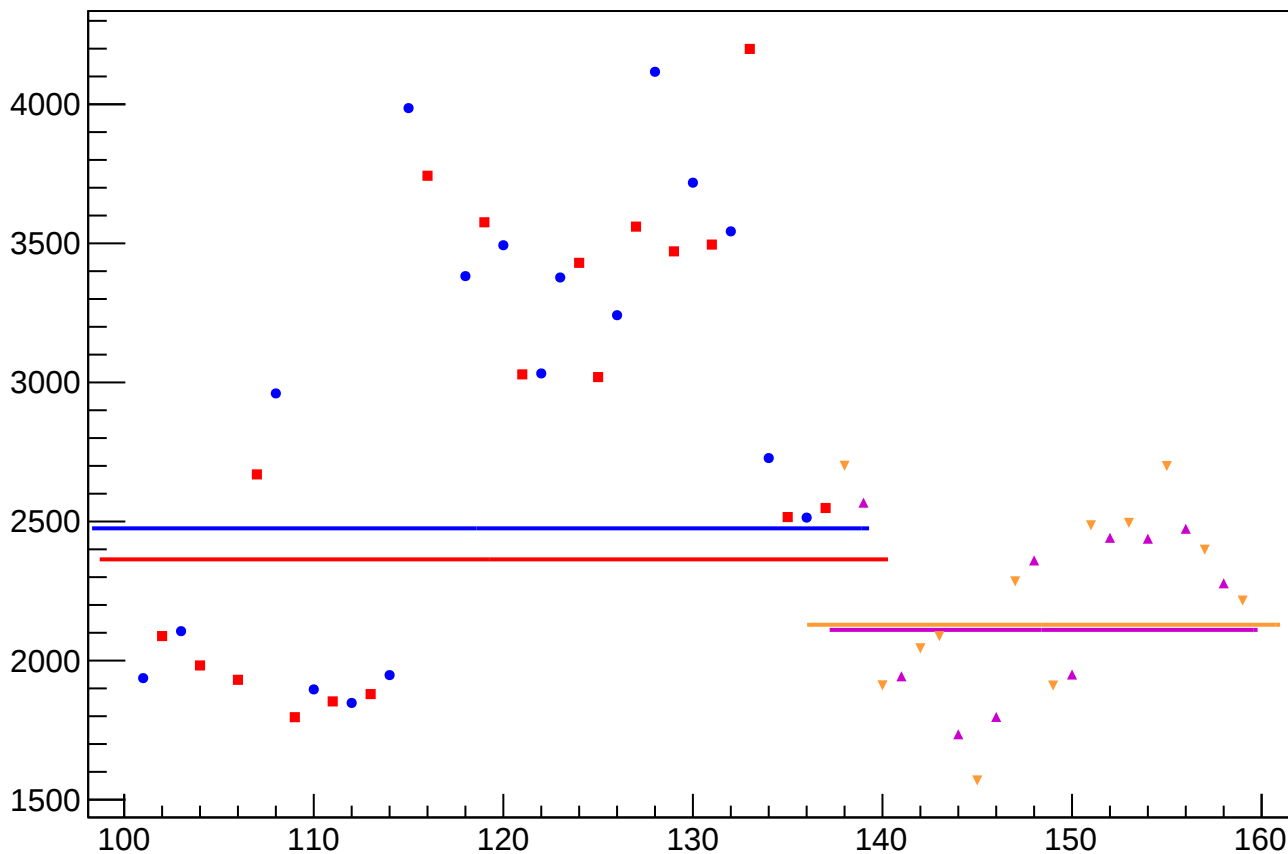
Right: -551.504 ± 679.008 χ^2/NDF : 33.8/34

In: -577.451 ± 595.951 χ^2/NDF : 31.5/26

Out: 1855.717 ± 567.969 χ^2/NDF : 45.8/29

All: 697.595 ± 411.151 χ^2/NDF : 86.0/56

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435+/-0.704 χ^2/NDF : 913073.5/16

Left Out: 2128.875+/-0.508 χ^2/NDF : 470000.9/11

Right Out: 2363.907+/-0.657 χ^2/NDF : 1026875.6/17

Left In: 2110.340+/-0.526 χ^2/NDF : 322350.7/9

Left: 2119.943+/-0.365 χ^2/NDF : 792994.3/21

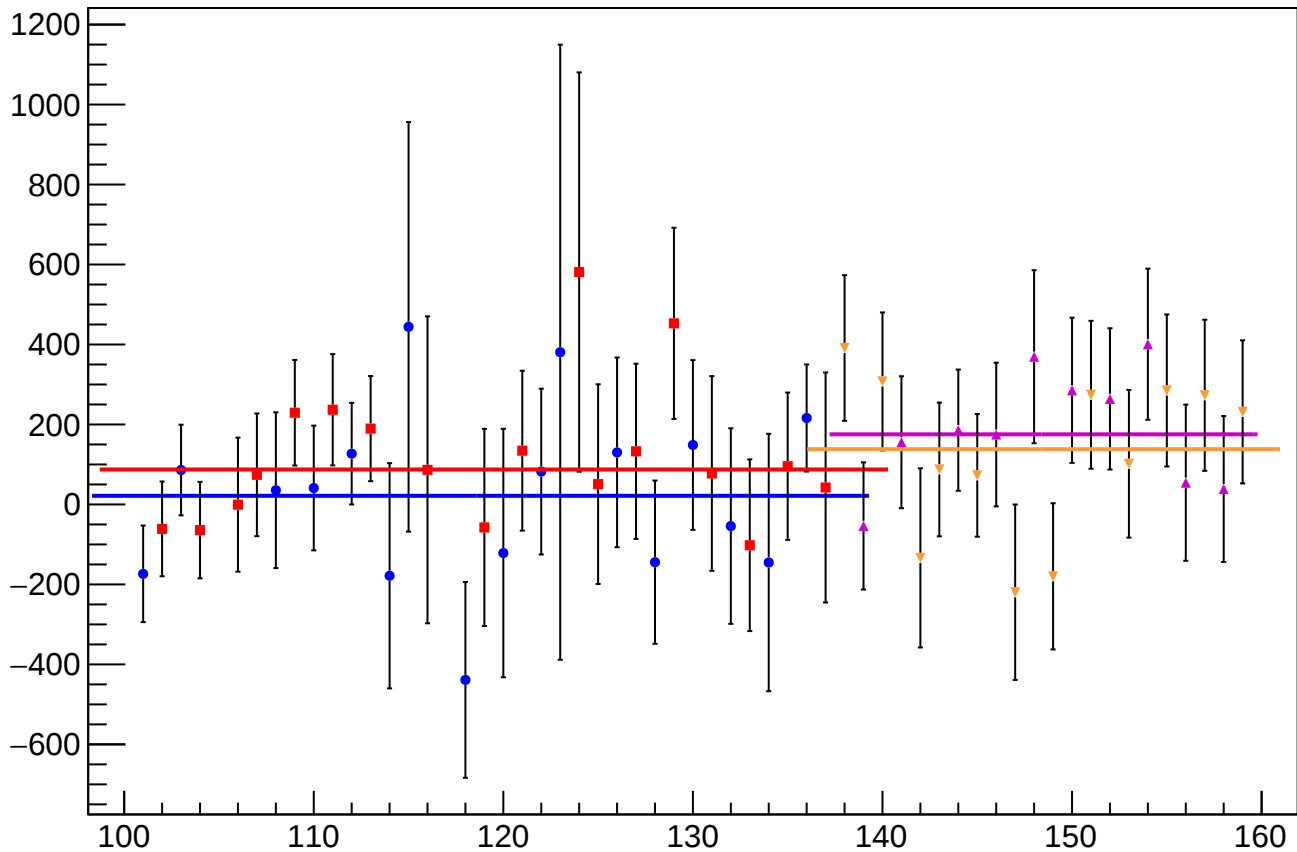
Right: 2415.854+/-0.480 χ^2/NDF : 1953375.1/34

In: 2241.335+/-0.421 χ^2/NDF : 1408113.7/26

Out: 2216.726+/-0.402 χ^2/NDF : 1577040.9/29

All: 2228.439+/-0.291 χ^2/NDF : 2986941.7/56

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 138.228 $\pm$ 52.838 χ^2/NDF : 12.3/11

Right Out: 87.439 $\pm$ 41.826 χ^2/NDF : 10.9/17

Left In: 175.372 $\pm$ 56.002 χ^2/NDF : 5.9/9

Left: 155.721 $\pm$ 38.432 χ^2/NDF : 18.4/21

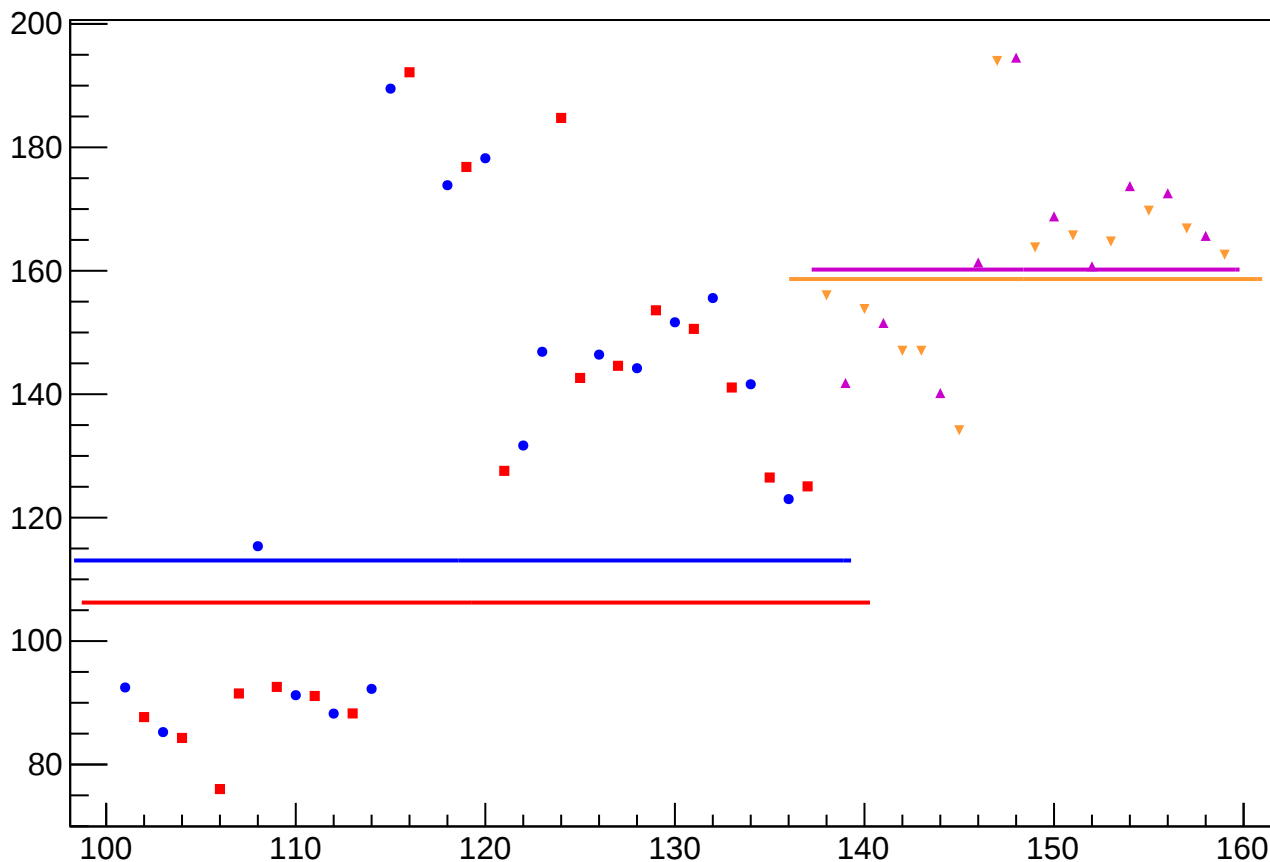
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 82.216 $\pm$ 35.153 χ^2/NDF : 23.0/26

Out: 107.004 $\pm$ 32.795 χ^2/NDF : 23.8/29

All: 95.469 $\pm$ 23.980 χ^2/NDF : 47.1/56

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059 $\pm$ 0.032 χ^2/NDF : 820795.9/16

Left Out: 158.659 $\pm$ 0.037 χ^2/NDF :138280.4/11

Right Out: 106.240 $\pm$ 0.030 χ^2/NDF : 951702.9/17

Left In: 160.195 $\pm$ 0.040 χ^2/NDF :142150.7/9

Left: 159.383 $\pm$ 0.027 χ^2/NDF : 281226.6/21

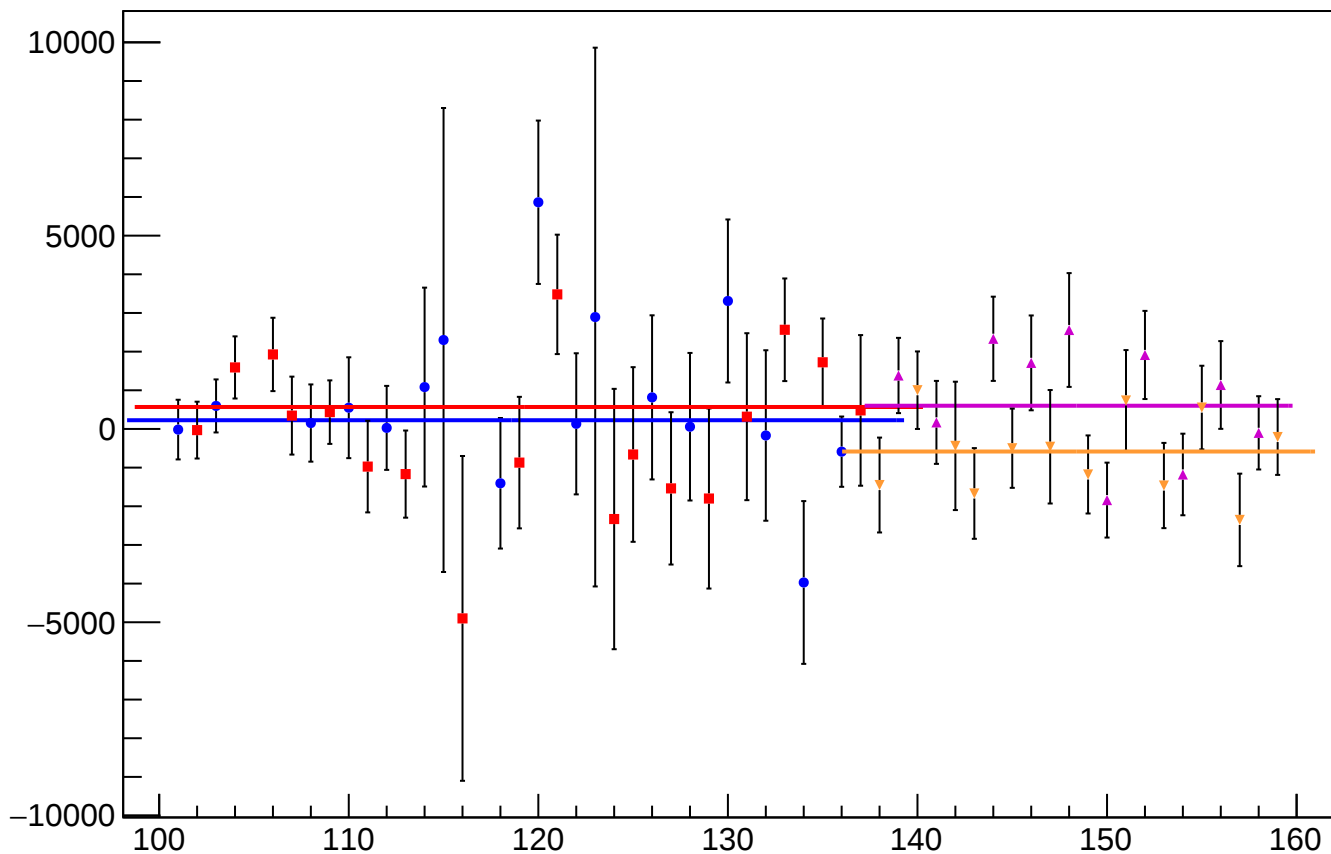
Right: 109.389 $\pm$ 0.022 χ^2/NDF : 1797042.6/34

In: 131.631 $\pm$ 0.025 χ^2/NDF :1821558.6/26

Out: 126.434 $\pm$ 0.023 χ^2/NDF :2300110.3/29

All: 128.852 $\pm$ 0.017 χ^2/NDF : 4145041.6/56

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -583.649 $\pm$ 330.553 χ^2 /NDF:9.3/11

Right Out: 568.109 $\pm$ 290.500 χ^2 /NDF: 21.0/17

Left In: 600.550 $\pm$ 342.685 χ^2 /NDF:17.2/9

Left: -12.883 $\pm$ 237.910 χ^2 /NDF: 32.7/21

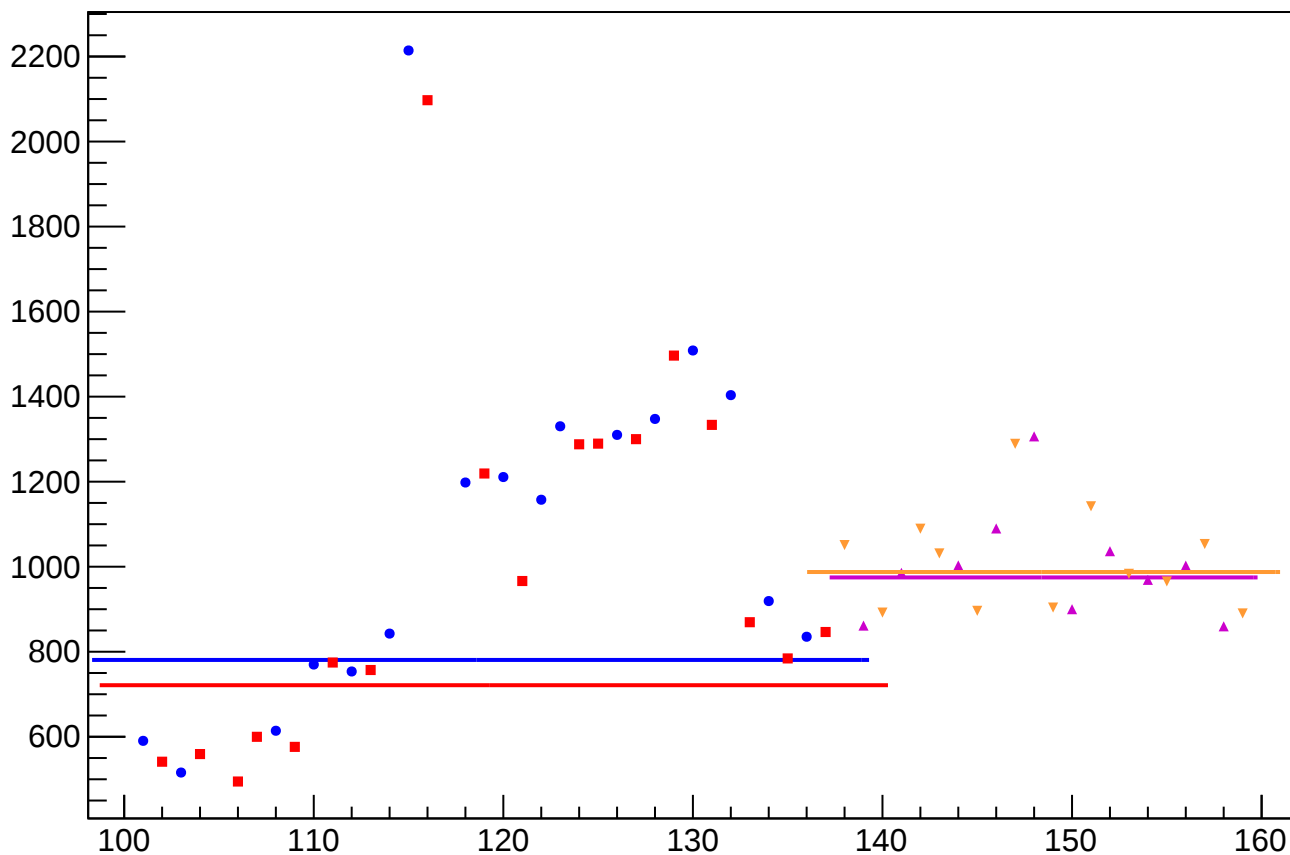
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 401.095 $\pm$ 234.433 χ^2 /NDF:33.8/26

Out: 66.201 $\pm$ 218.209 χ^2 /NDF:37.1/29

All: 221.660 $\pm$ 159.725 χ^2 /NDF: 72.0/56

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2/NDF : 1609510.2/16

Left Out: 987.518 $\pm$ 0.234 χ^2/NDF : 202582.3/11

Right Out: 721.264 $\pm$ 0.205 χ^2/NDF : 1626627.9/17

Left In: 974.753 $\pm$ 0.242 χ^2/NDF : 196374.9/9

Left: 981.366 $\pm$ 0.168 χ^2/NDF : 400394.7/21

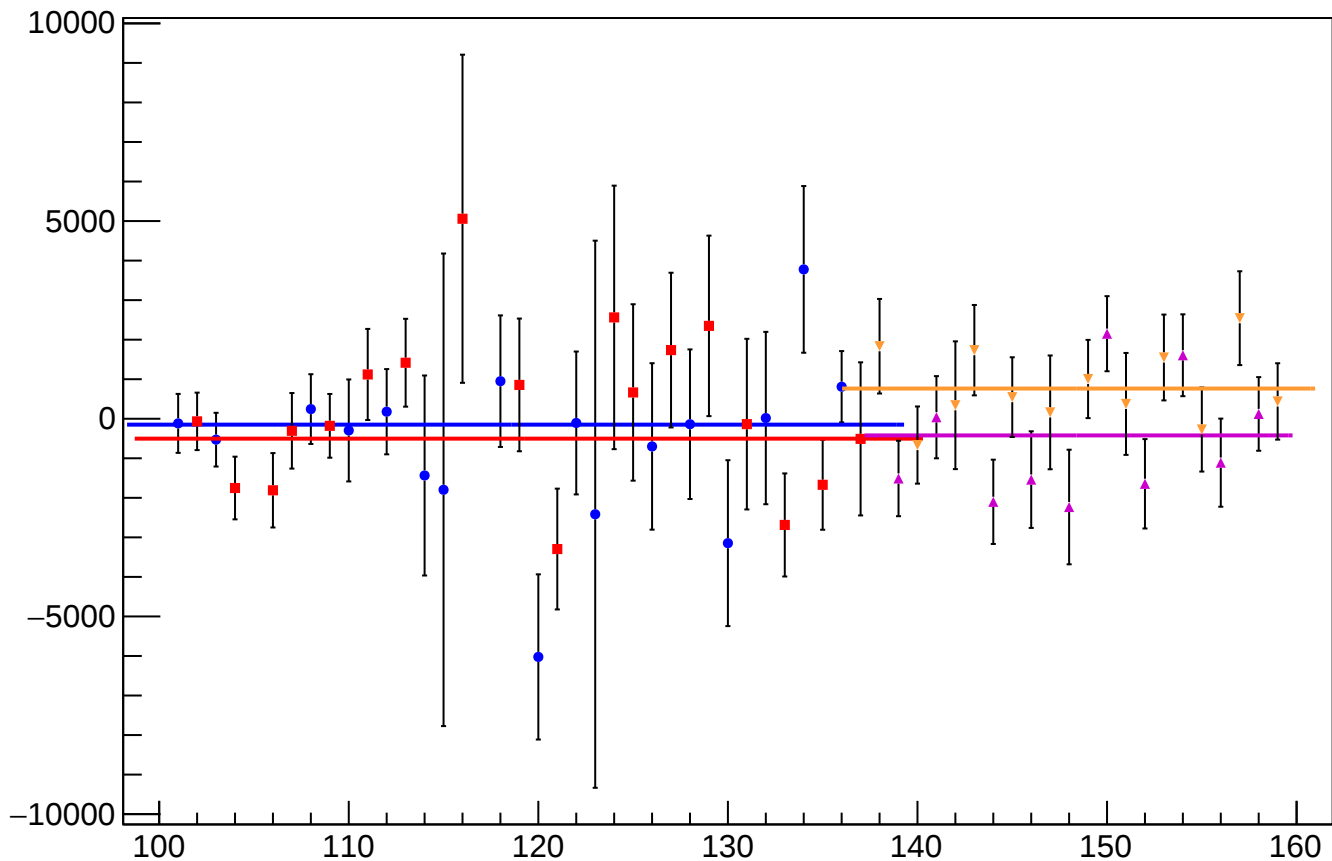
Right: 747.987 $\pm$ 0.152 χ^2/NDF : 3273780.9/34

In: 871.517 $\pm$ 0.166 χ^2/NDF : 2147072.2/26

Out: 837.291 $\pm$ 0.154 χ^2/NDF : 2561349.8/29

All: 853.179 $\pm$ 0.113 χ^2/NDF : 4731262.5/56

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 764.206 ± 324.396 $\chi^2/\text{NDF}: 7.9/11$

Right Out: -503.162 ± 285.781 $\chi^2/\text{NDF}: 23.6/17$

Left In: -421.413 ± 336.479 $\chi^2/\text{NDF}: 19.4/9$

Left: 193.067 ± 233.538 $\chi^2/\text{NDF}: 33.8/21$

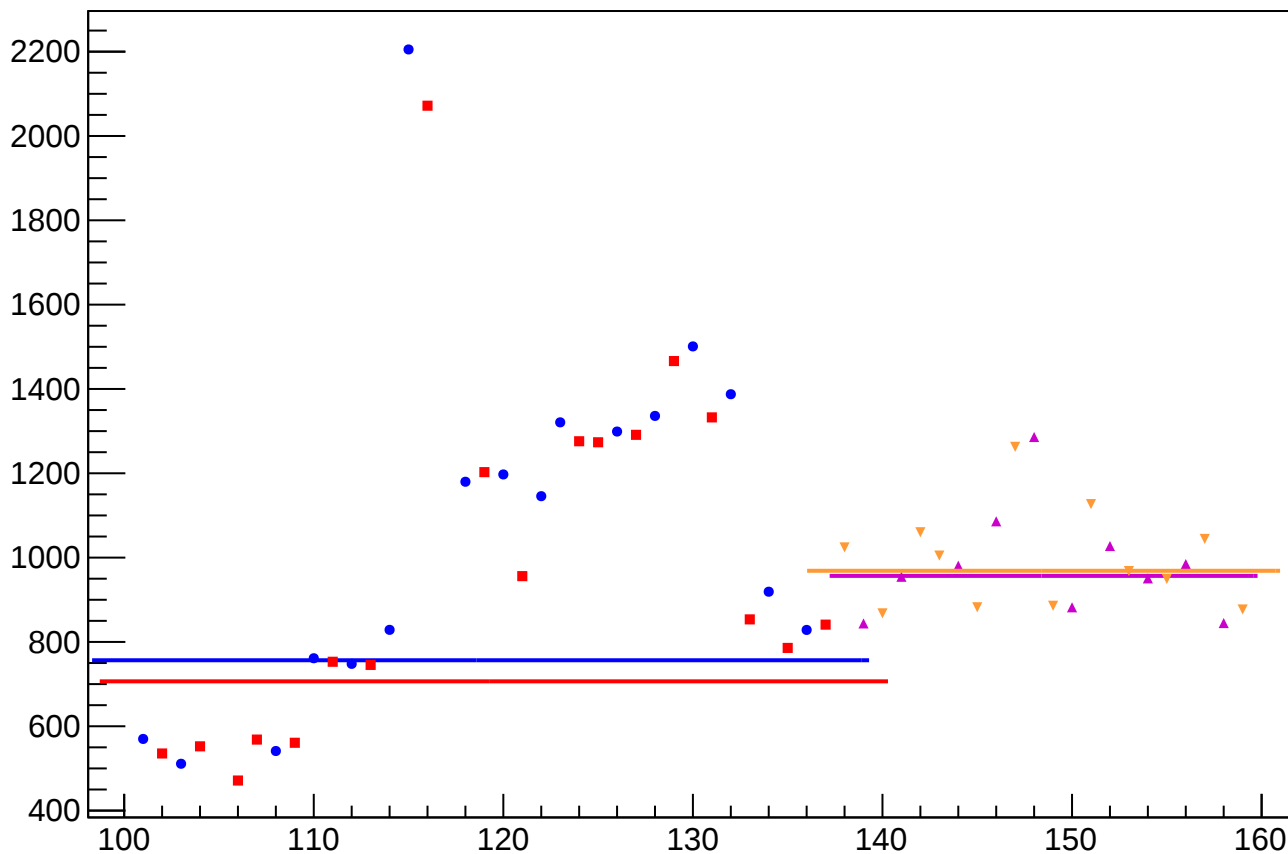
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -275.443 ± 229.161 $\chi^2/\text{NDF}: 35.9/26$

Out: 50.637 ± 214.437 $\chi^2/\text{NDF}: 40.2/29$

All: -101.592 ± 156.577 $\chi^2/\text{NDF}: 77.2/56$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 968.783 $\pm$ 0.229 χ^2 /NDF: 203299.7/11

Right Out: 706.550 $\pm$ 0.202 χ^2 /NDF: 1670007.9/17

Left In: 956.662 $\pm$ 0.238 χ^2 /NDF: 205136.1/9

Left: 962.944 $\pm$ 0.165 χ^2 /NDF: 409781.0/21

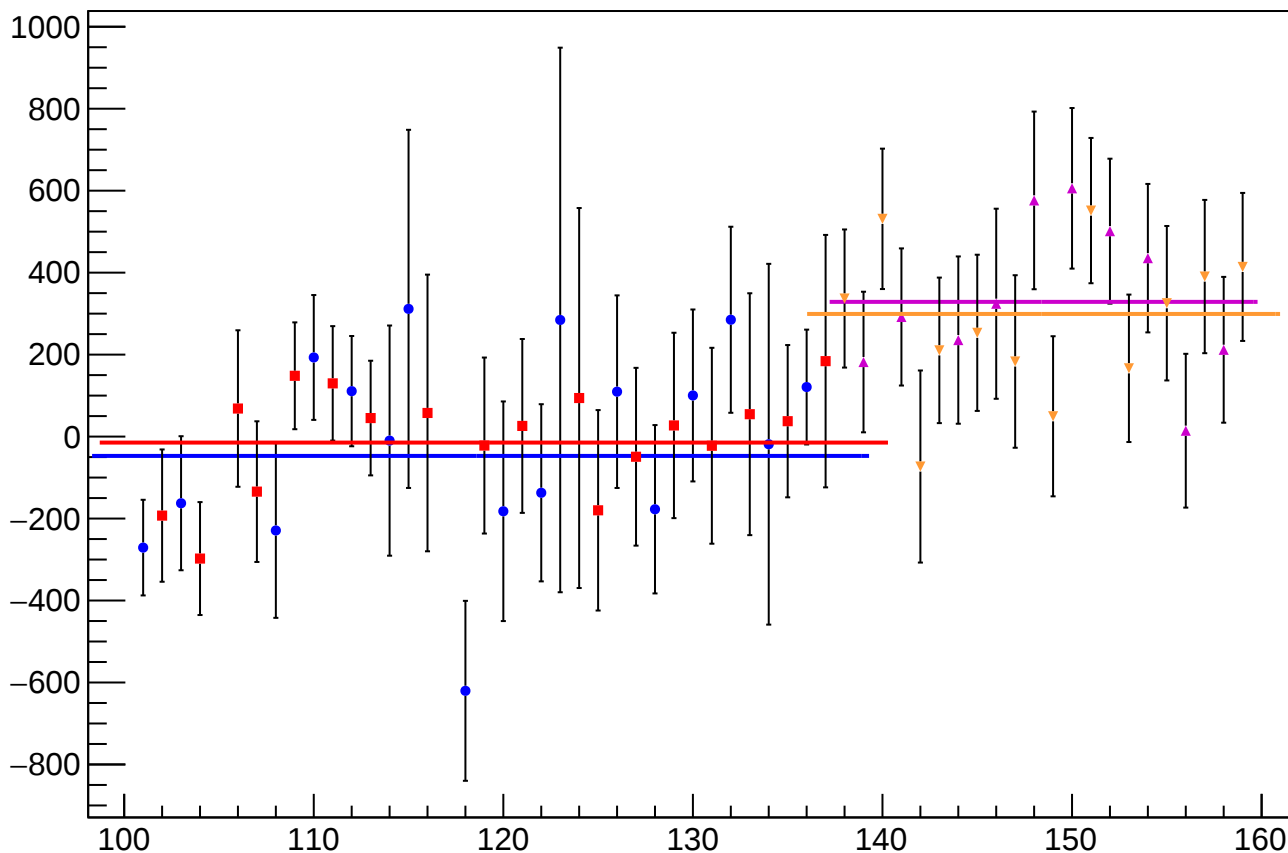
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 849.363 $\pm$ 0.162 χ^2 /NDF: 2298095.4/26

Out: 821.137 $\pm$ 0.152 χ^2 /NDF: 2609153.9/29

All: 834.314 $\pm$ 0.111 χ^2 /NDF: 4923426.4/56

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 299.222 ± 53.781 $\chi^2/\text{NDF}: 9.9/11$

Right Out: -14.620 ± 44.849 $\chi^2/\text{NDF}: 10.1/17$

Left In: 328.707 ± 59.534 $\chi^2/\text{NDF}: 8.8/9$

Left: 312.471 ± 39.908 $\chi^2/\text{NDF}: 18.9/21$

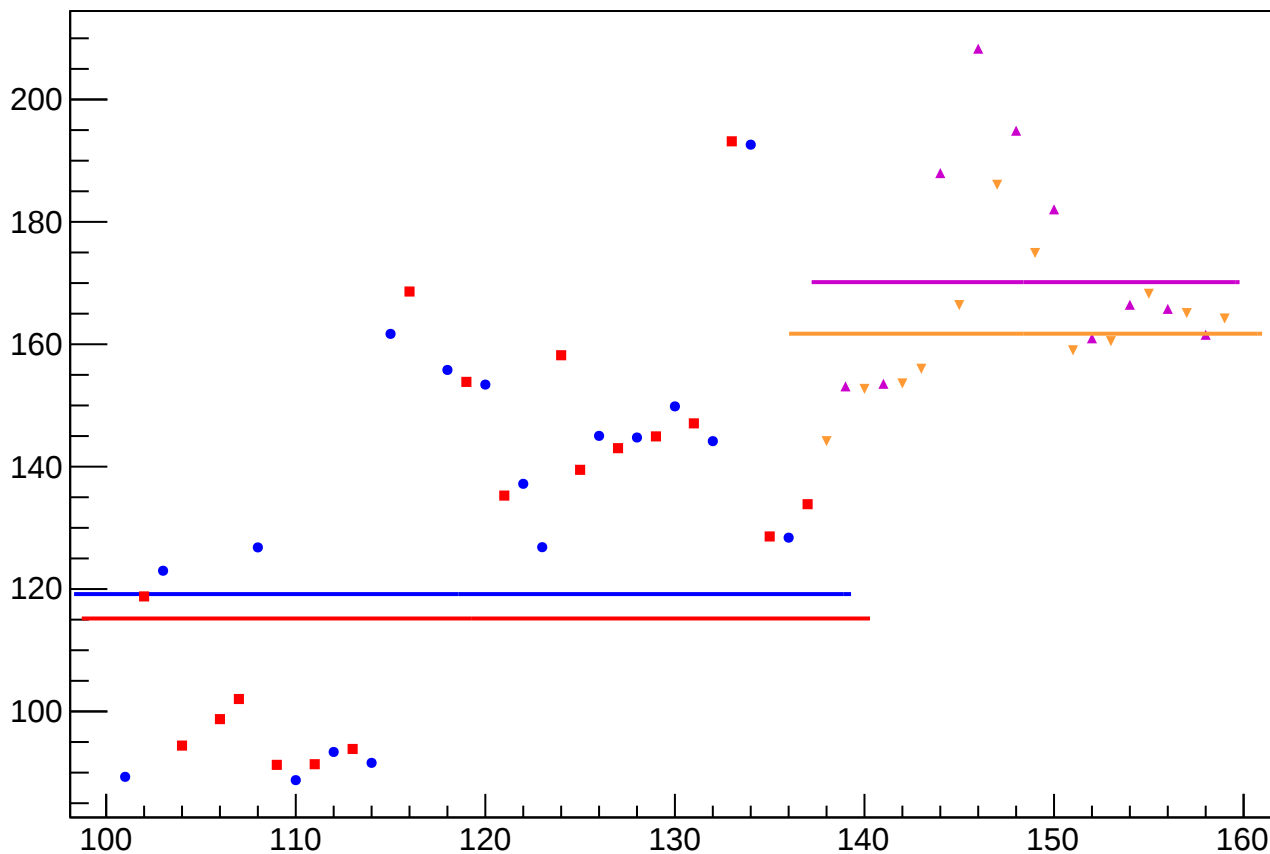
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 98.171 ± 37.019 $\chi^2/\text{NDF}: 55.2/26$

Out: 114.112 ± 34.444 $\chi^2/\text{NDF}: 40.1/29$

All: 106.716 ± 25.217 $\chi^2/\text{NDF}: 95.4/56$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175 $\pm$ 0.033 χ^2/NDF : 615304.2/16

Left Out: 161.727 $\pm$ 0.038 χ^2/NDF : 72816.5/11

Right Out: 115.188 $\pm$ 0.032 χ^2/NDF : 675564.7/17

Left In: 170.153 $\pm$ 0.042 χ^2/NDF : 154239.7/9

Left: 165.513 $\pm$ 0.028 χ^2/NDF : 249116.7/21

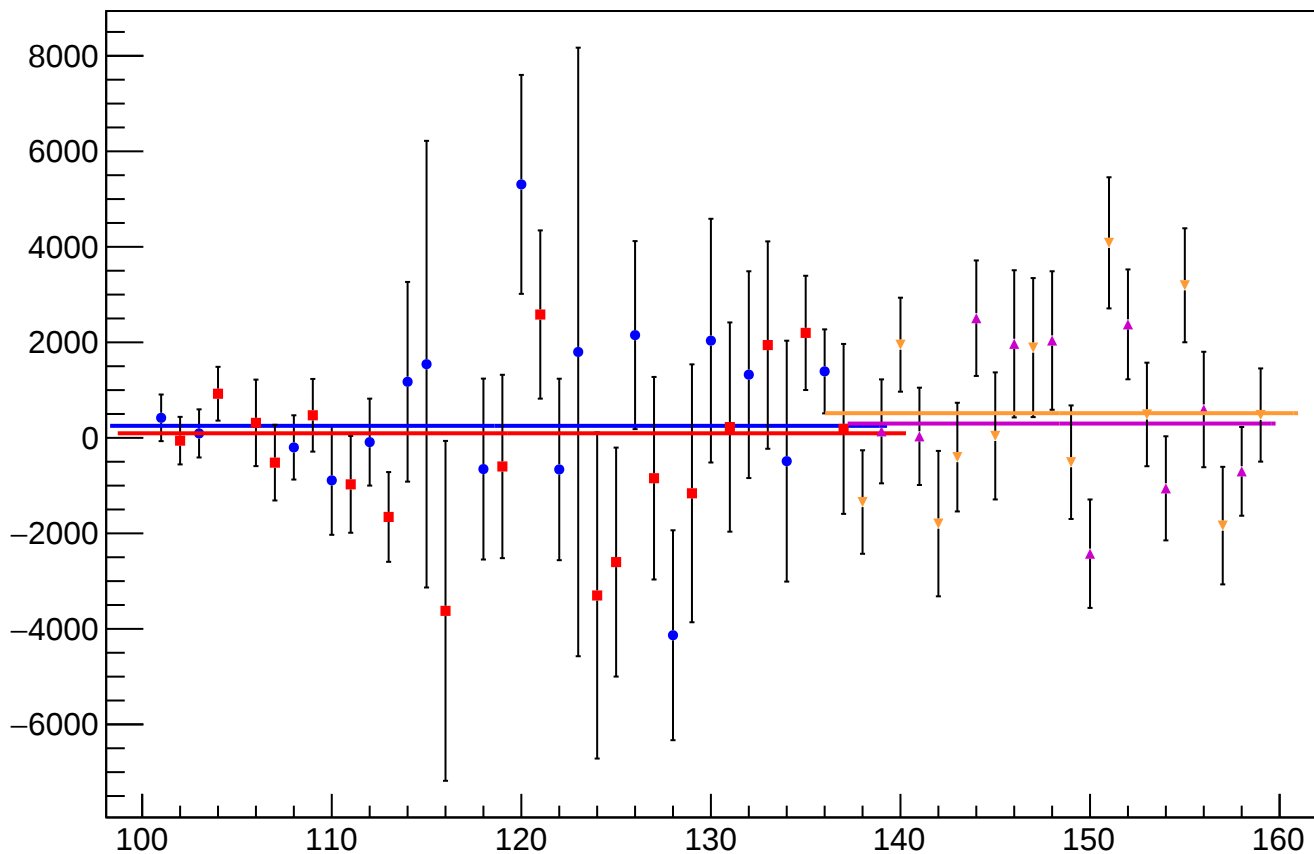
Right: 117.077 $\pm$ 0.023 χ^2/NDF : 1298359.0/34

In: 138.886 $\pm$ 0.026 χ^2/NDF : 1668964.7/26

Out: 134.277 $\pm$ 0.024 χ^2/NDF : 1631731.4/29

All: 136.416 $\pm$ 0.018 χ^2/NDF : 3317310.3/56

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733 $\pm$ 252.819 χ^2/NDF : 14.9/16

Left Out: 516.549 $\pm$ 340.518 χ^2/NDF : 25.2/11

Right Out: 95.805 $\pm$ 245.748 χ^2/NDF : 17.5/17

Left In: 299.541 $\pm$ 362.698 χ^2/NDF : 17.8/9

Left: 414.883 $\pm$ 248.254 χ^2/NDF : 43.2/21

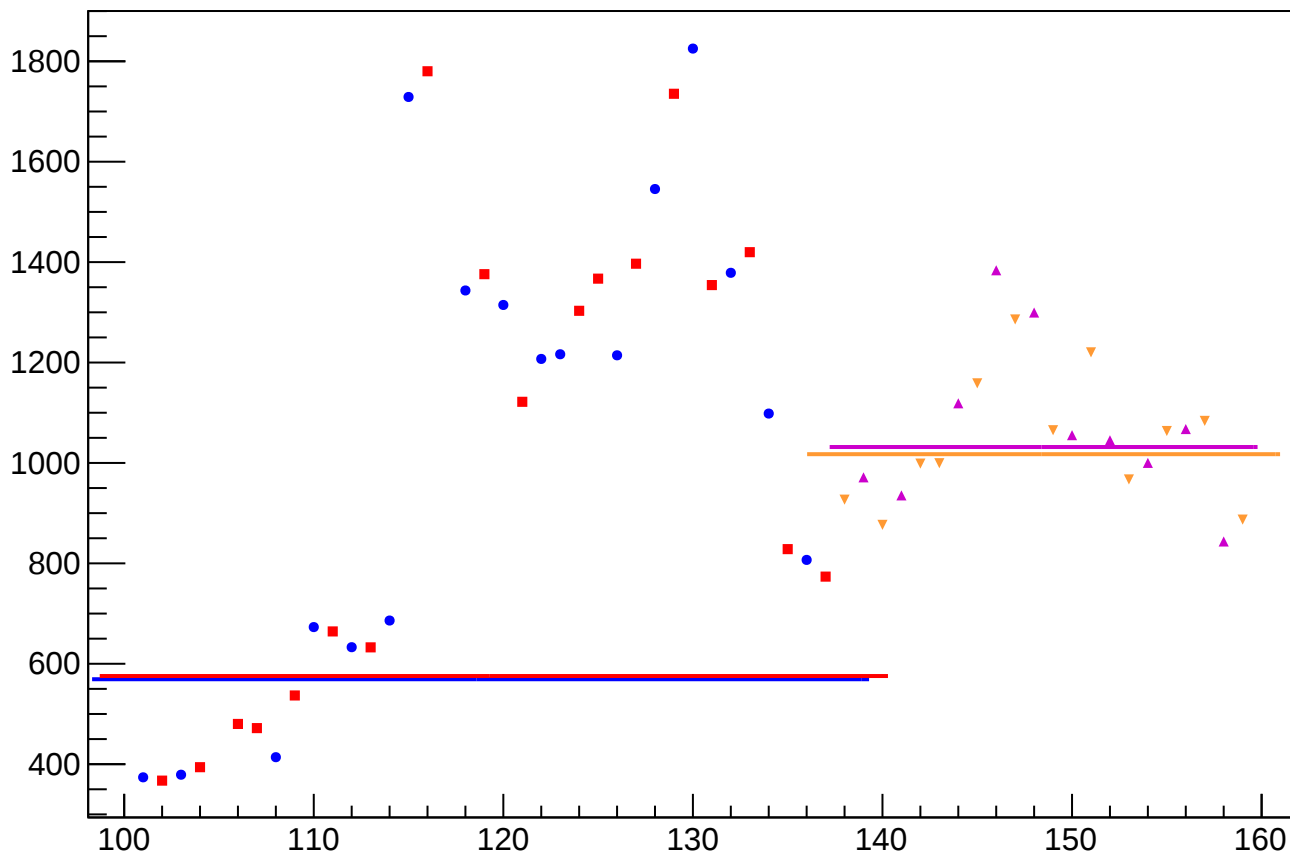
Right: 171.557 $\pm$ 176.217 χ^2/NDF : 32.5/34

In: 267.366 $\pm$ 207.405 χ^2/NDF : 32.7/26

Out: 239.895 $\pm$ 199.273 χ^2/NDF : 43.7/29

All: 253.082 $\pm$ 143.696 χ^2/NDF : 76.4/56

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1017.444 $\pm$ 0.241 χ^2 /NDF:241762.5/11

Right Out: 575.584 $\pm$ 0.174 χ^2 /NDF: 3058273.5/17

Left In: 1031.732 $\pm$ 0.256 χ^2 /NDF:293540.1/9

Left: 1024.138 $\pm$ 0.176 χ^2 /NDF: 536952.3/21

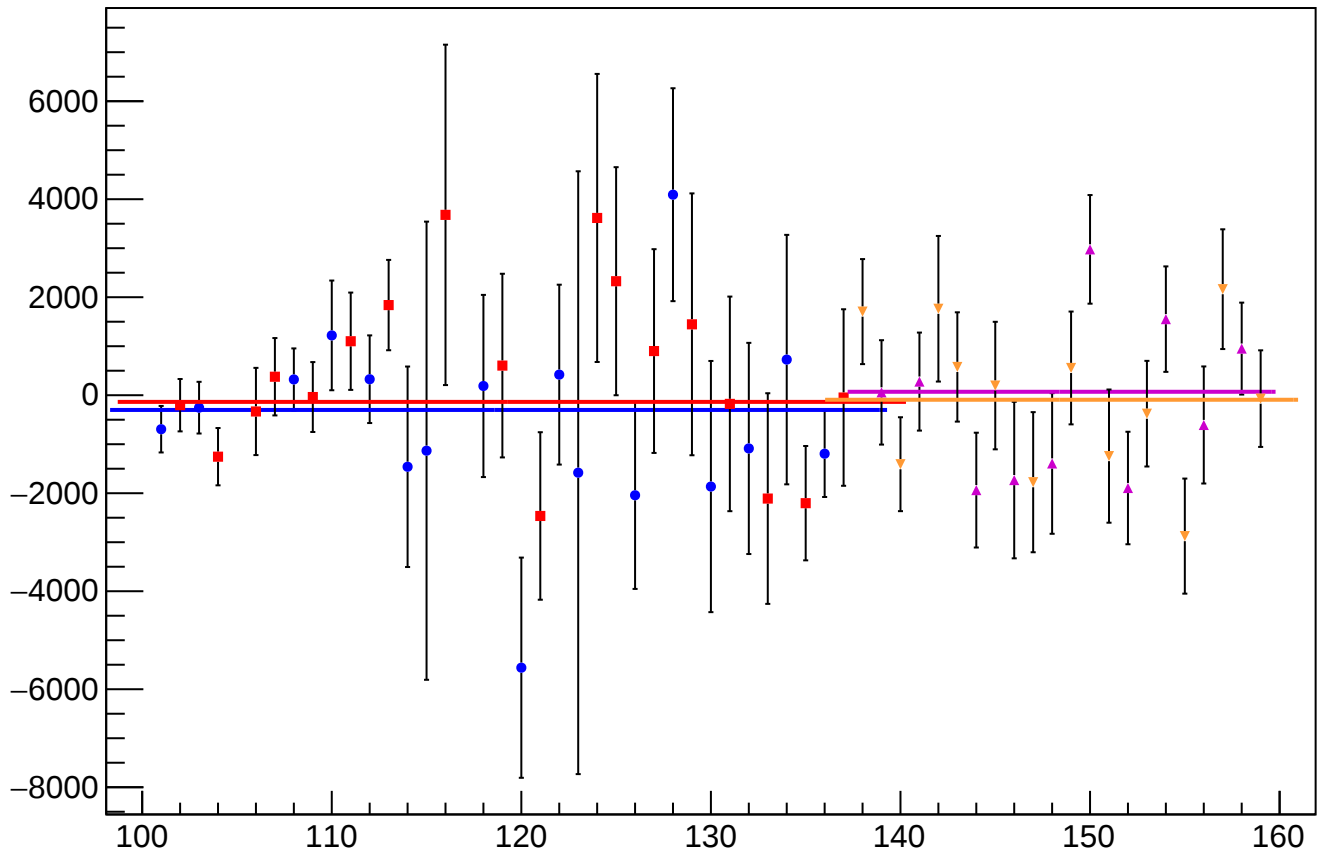
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 720.447 $\pm$ 0.147 χ^2 /NDF:5749558.4/26

Out: 726.906 $\pm$ 0.141 χ^2 /NDF:5514350.8/29

All: 723.806 $\pm$ 0.102 χ^2 /NDF: 11264917.6/56

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 $\pm$ 250.302 χ^2/NDF : 16.7/16

Left Out: -92.635 $\pm$ 335.622 χ^2/NDF : 18.2/11

Right Out: -136.107 $\pm$ 247.692 χ^2/NDF : 20.9/17

Left In: 70.185 $\pm$ 358.959 χ^2/NDF : 18.2/9

Left: -16.689 $\pm$ 245.156 χ^2/NDF : 36.5/21

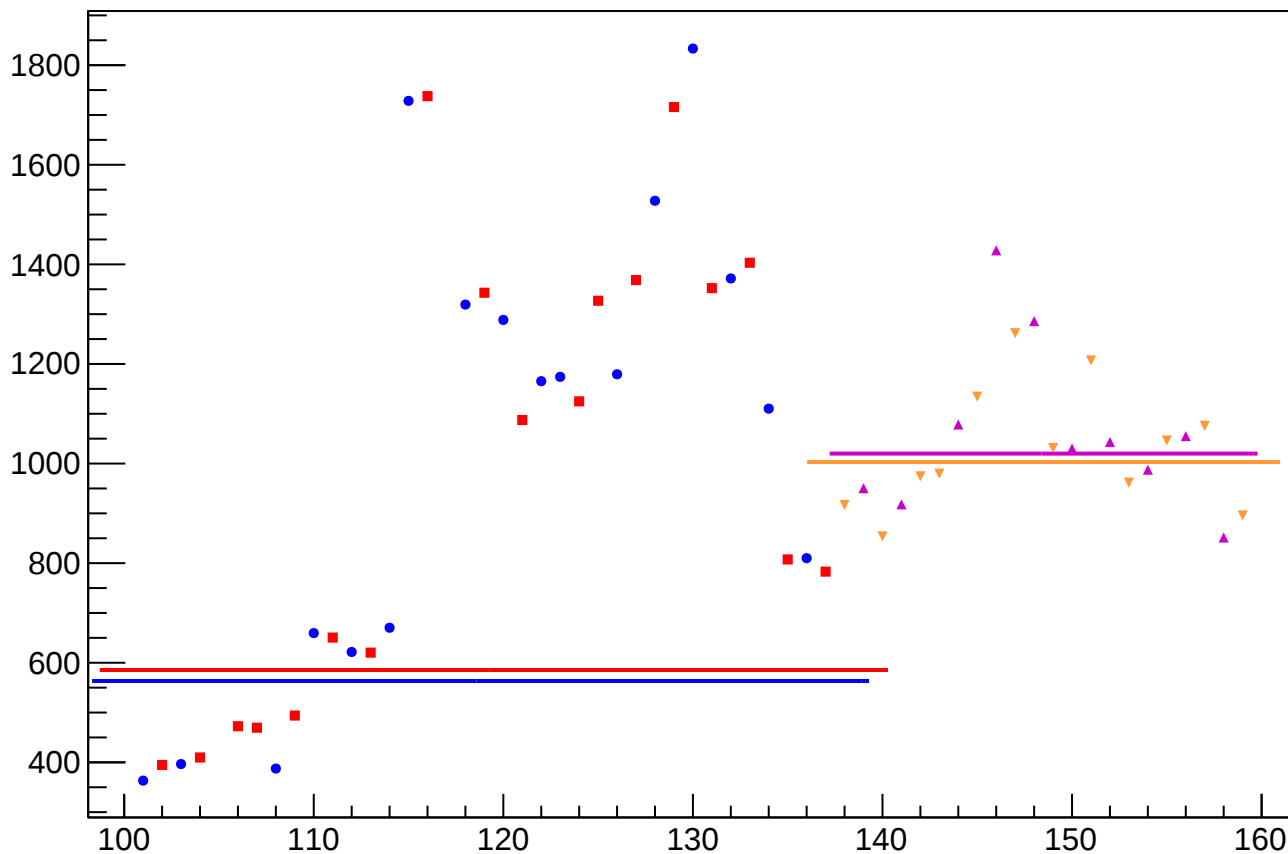
Right: -217.517 $\pm$ 176.060 χ^2/NDF : 37.8/34

In: -179.331 $\pm$ 205.316 χ^2/NDF : 35.6/26

Out: -120.778 $\pm$ 199.295 χ^2/NDF : 39.1/29

All: -149.183 $\pm$ 143.004 χ^2/NDF : 74.7/56

asym_sam6_rms vs Slug, Sign Corrected



Left: 1011.001 +/- 0.173 χ^2/NDF : 536620.2/21

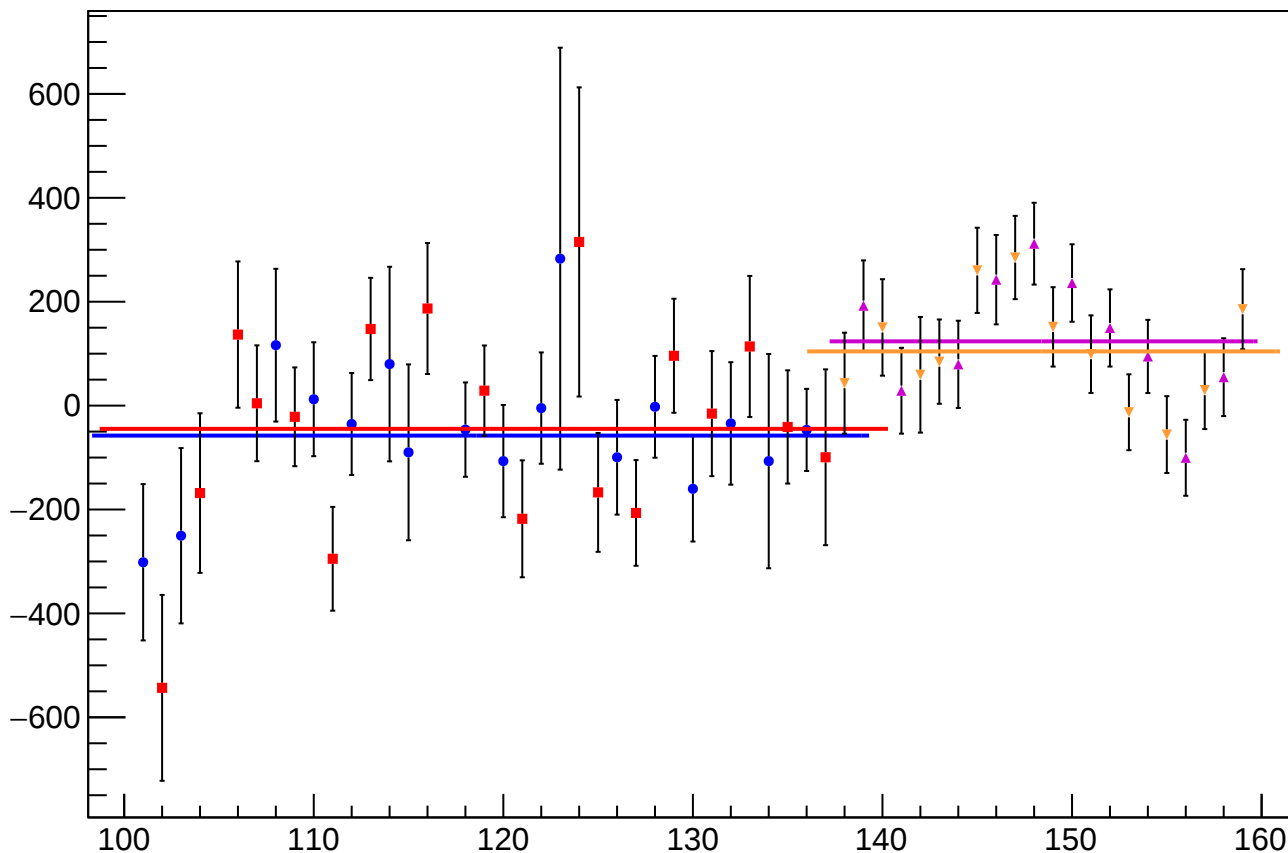
Right: 574.531 +/- 0.124 χ^2/NDF : 6085027.9/34

In: 712.778 +/- 0.145 χ^2/NDF : 5739177.6/26

Out: 732.717 +/- 0.141 χ^2/NDF : 5055155.5/29

All: 723.044 +/- 0.101 χ^2/NDF : 10804044.7/56

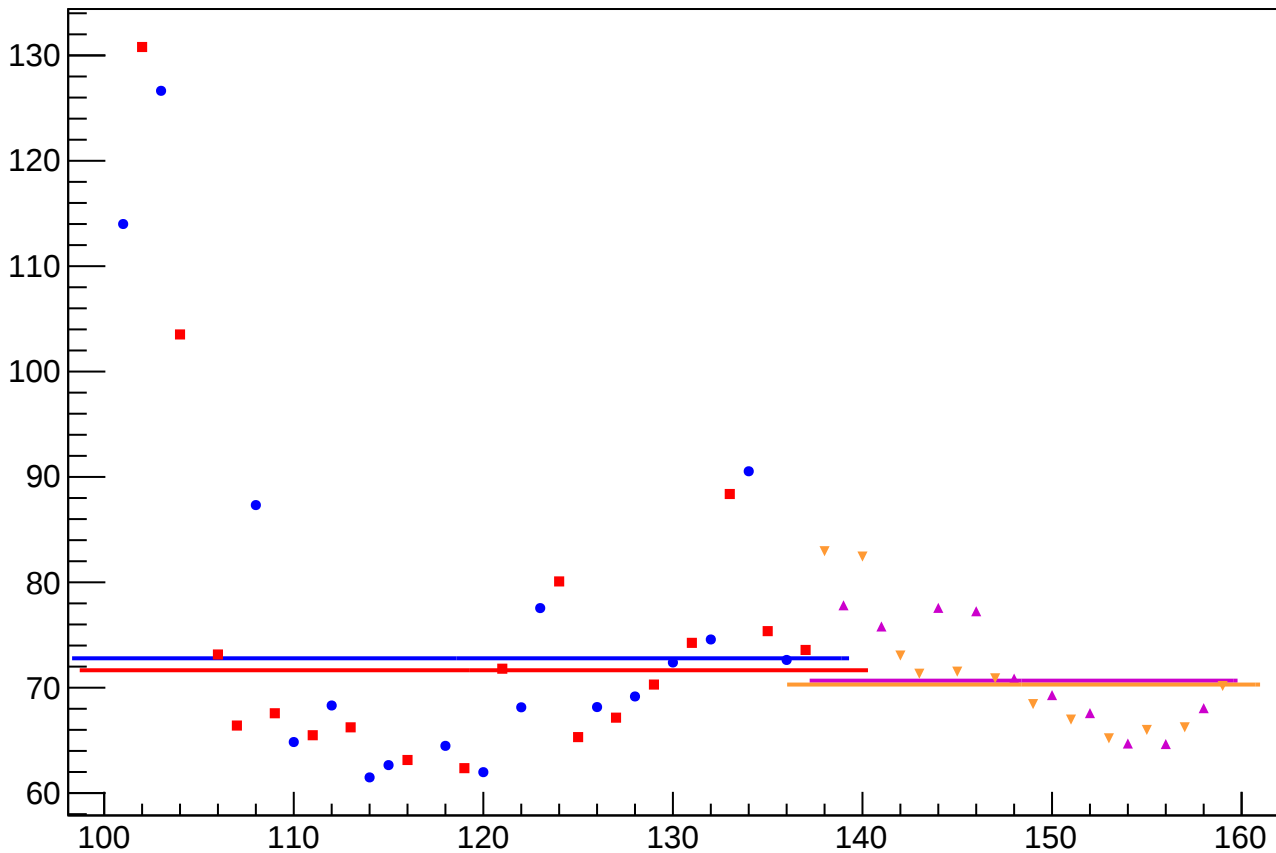
dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$
 Left Out: 104.326 ± 23.406 $\chi^2/\text{NDF}: 19.3/11$
 Right Out: -44.693 ± 27.711 $\chi^2/\text{NDF}: 35.2/17$
 Left In: 123.724 ± 24.665 $\chi^2/\text{NDF}: 22.6/9$

Left: 113.517 ± 16.978 $\chi^2/\text{NDF}: 42.3/21$
 Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$
 In: 46.627 ± 18.704 $\chi^2/\text{NDF}: 54.8/26$
 Out: 42.280 ± 17.881 $\chi^2/\text{NDF}: 71.4/29$
 All: 44.355 ± 12.925 $\chi^2/\text{NDF}: 126.1/56$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 +/- 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.298 +/- 0.017 χ^2/NDF : 97777.0/11

Right Out: 71.655 +/- 0.020 χ^2/NDF : 404376.9/17

Left In: 70.668 +/- 0.017 χ^2/NDF : 80875.4/9

Left: 70.473 +/- 0.012 χ^2/NDF : 178889.2/21

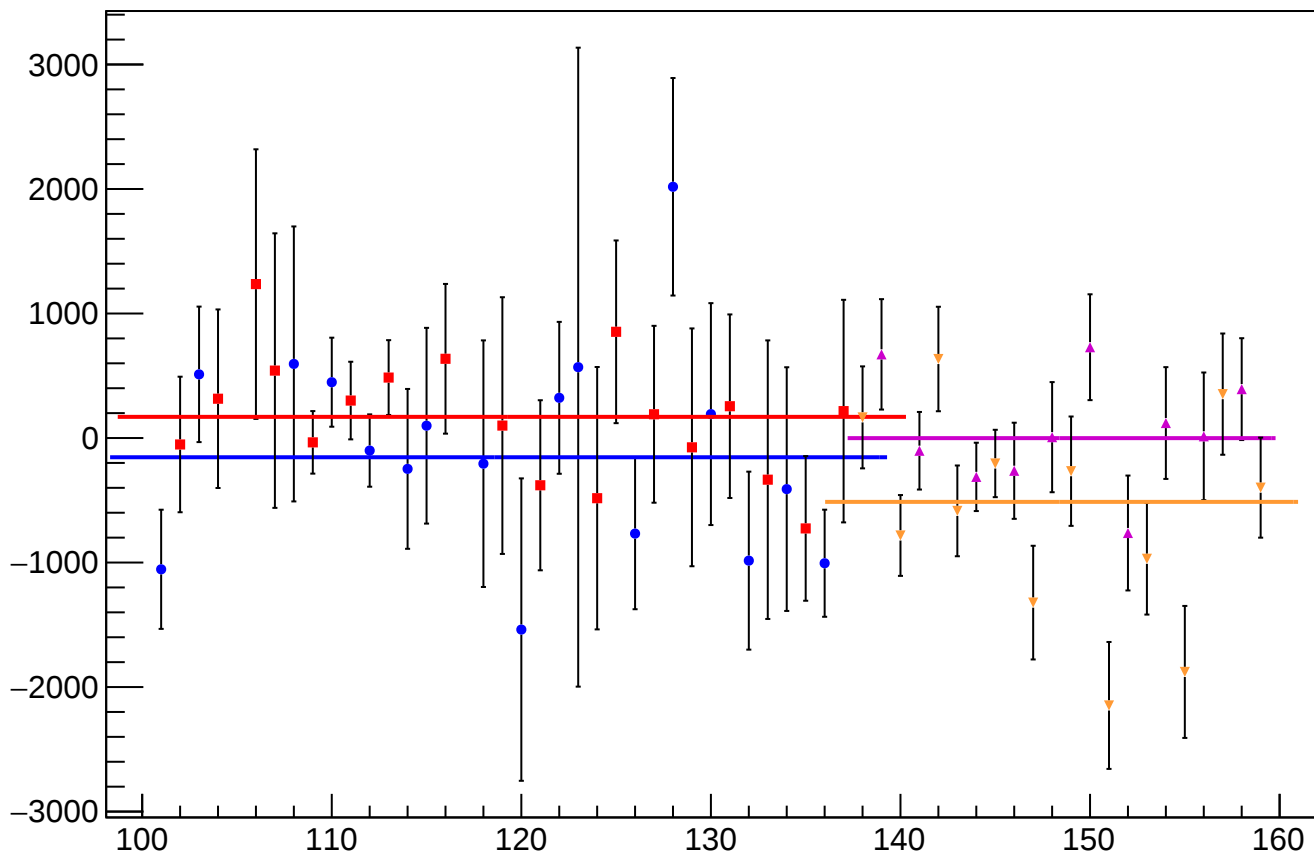
Right: 72.203 +/- 0.014 χ^2/NDF : 870767.9/34

In: 71.570 +/- 0.013 χ^2/NDF : 551937.8/26

Out: 70.863 +/- 0.013 χ^2/NDF : 504953.9/29

All: 71.200 +/- 0.009 χ^2/NDF : 1058382.6/56

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 $\pm$ 140.700 χ^2 /NDF: 23.2/16

Left Out: -512.793 $\pm$ 115.386 χ^2 /NDF:36.9/11

Right Out: 170.028 $\pm$ 126.220 χ^2 /NDF: 8.4/17

Left In: -0.905 $\pm$ 123.586 χ^2 /NDF:10.8/9

Left: -274.394 $\pm$ 84.340 χ^2 /NDF: 56.9/21

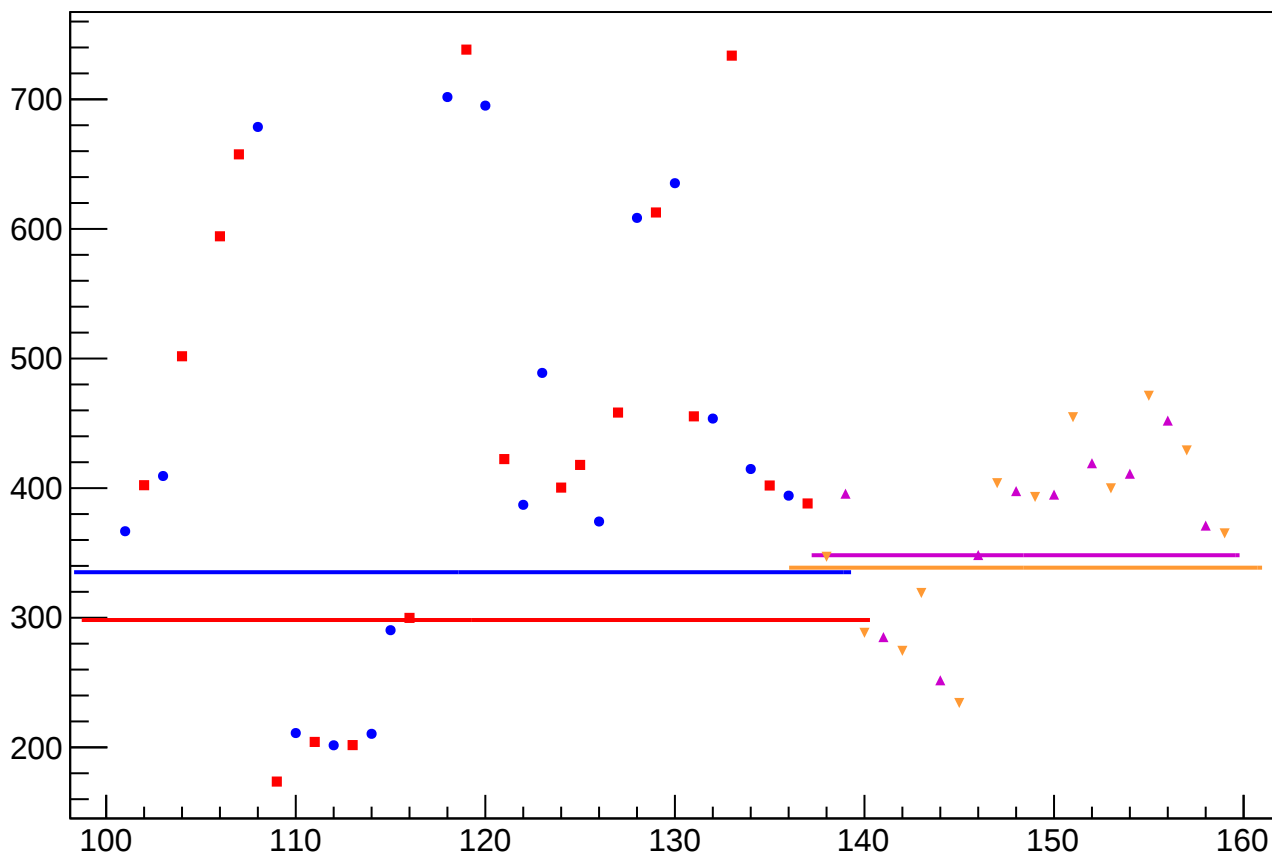
Right: 25.360 $\pm$ 93.955 χ^2 /NDF: 34.5/34

In: -67.756 $\pm$ 92.853 χ^2 /NDF:34.7/26

Out: -201.942 $\pm$ 85.163 χ^2 /NDF:61.3/29

All: -140.634 $\pm$ 62.762 χ^2 /NDF: 97.1/56

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 338.635 $\pm$ 0.082 χ^2/NDF : 814883.8/11

Right Out: 298.253 $\pm$ 0.089 χ^2/NDF : 2776555.9/17

Left In: 348.237 $\pm$ 0.087 χ^2/NDF : 576754.4/9

Left: 343.107 $\pm$ 0.060 χ^2/NDF : 1398088.5/21

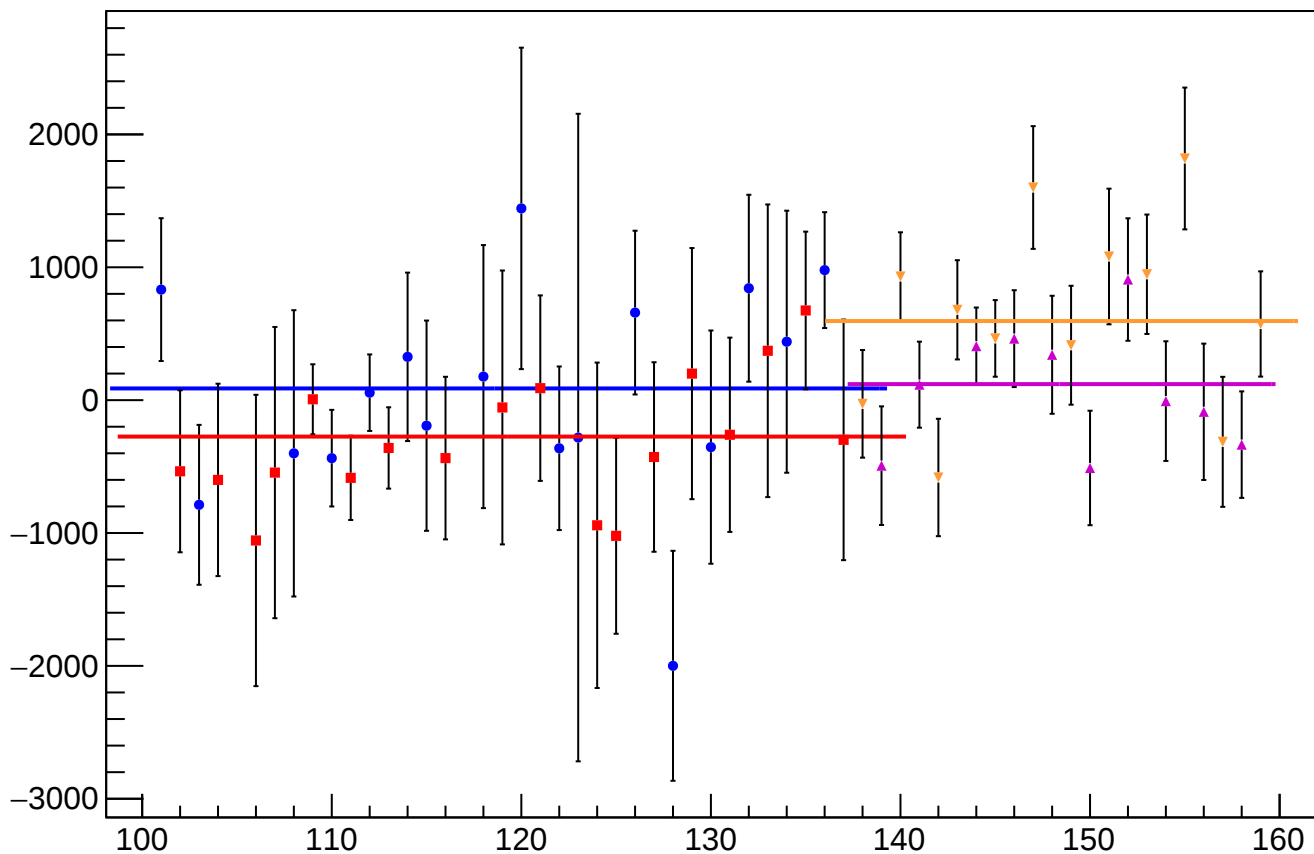
Right: 314.699 $\pm$ 0.066 χ^2/NDF : 4846742.5/34

In: 342.530 $\pm$ 0.066 χ^2/NDF : 2580589.8/26

Out: 320.251 $\pm$ 0.060 χ^2/NDF : 3702954.1/29

All: 330.430 $\pm$ 0.044 χ^2/NDF : 6346079.5/56

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 595.325+/-117.864 χ^2/NDF : 25.9/11

Right Out: -274.340+/-129.866 χ^2/NDF : 8.0/17

Left In: 120.686+/-124.947 χ^2/NDF : 10.6/9

Left: 371.840+/-85.737 χ^2/NDF : 44.1/21

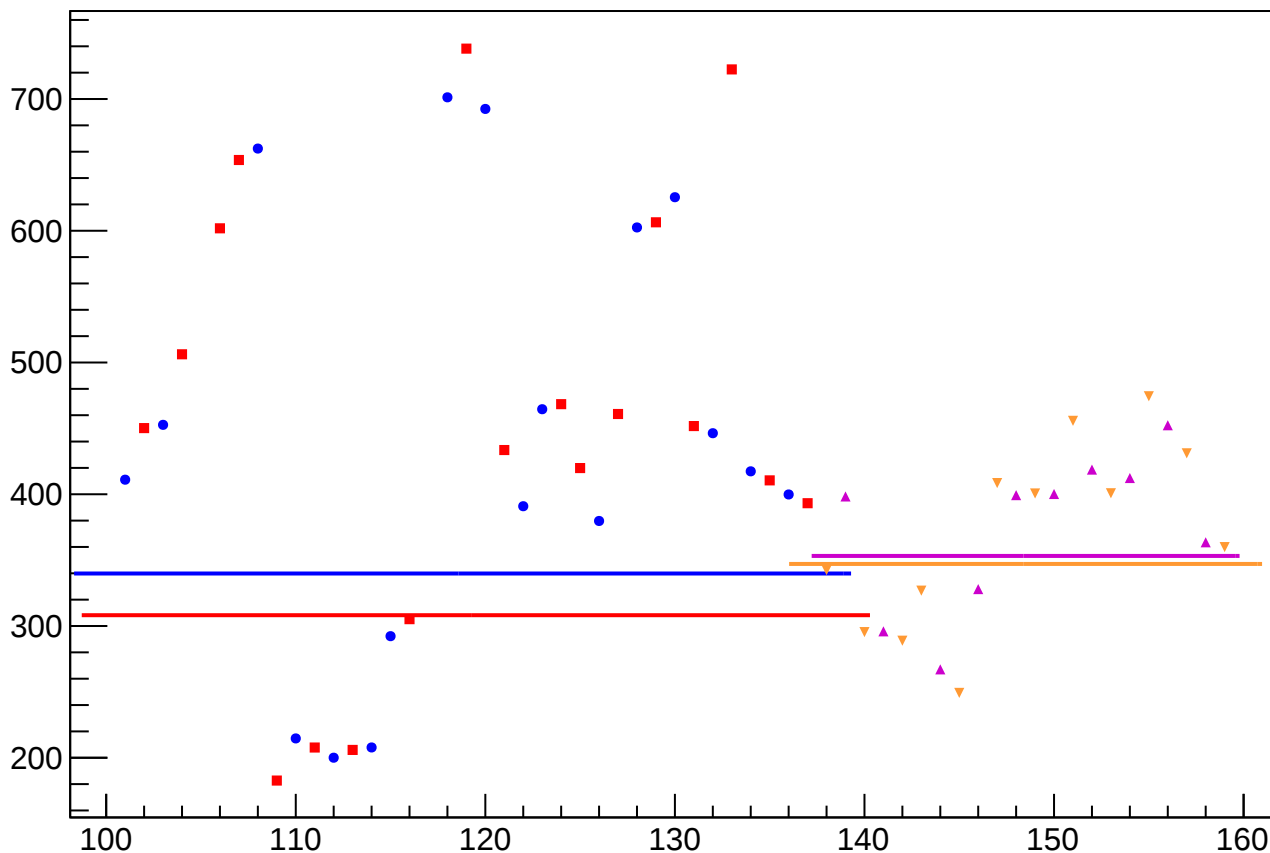
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 106.587+/-94.095 χ^2/NDF : 31.4/26

Out: 202.527+/-87.278 χ^2/NDF : 58.5/29

All: 158.158+/-63.989 χ^2/NDF : 90.5/56

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 347.104+/-0.083 χ^2/NDF : 677466.3/11

Right Out: 308.199+/-0.092 χ^2/NDF : 2698828.8/17

Left In: 353.189+/-0.088 χ^2/NDF : 464438.8/9

Left: 349.969+/-0.061 χ^2/NDF : 1144415.4/21

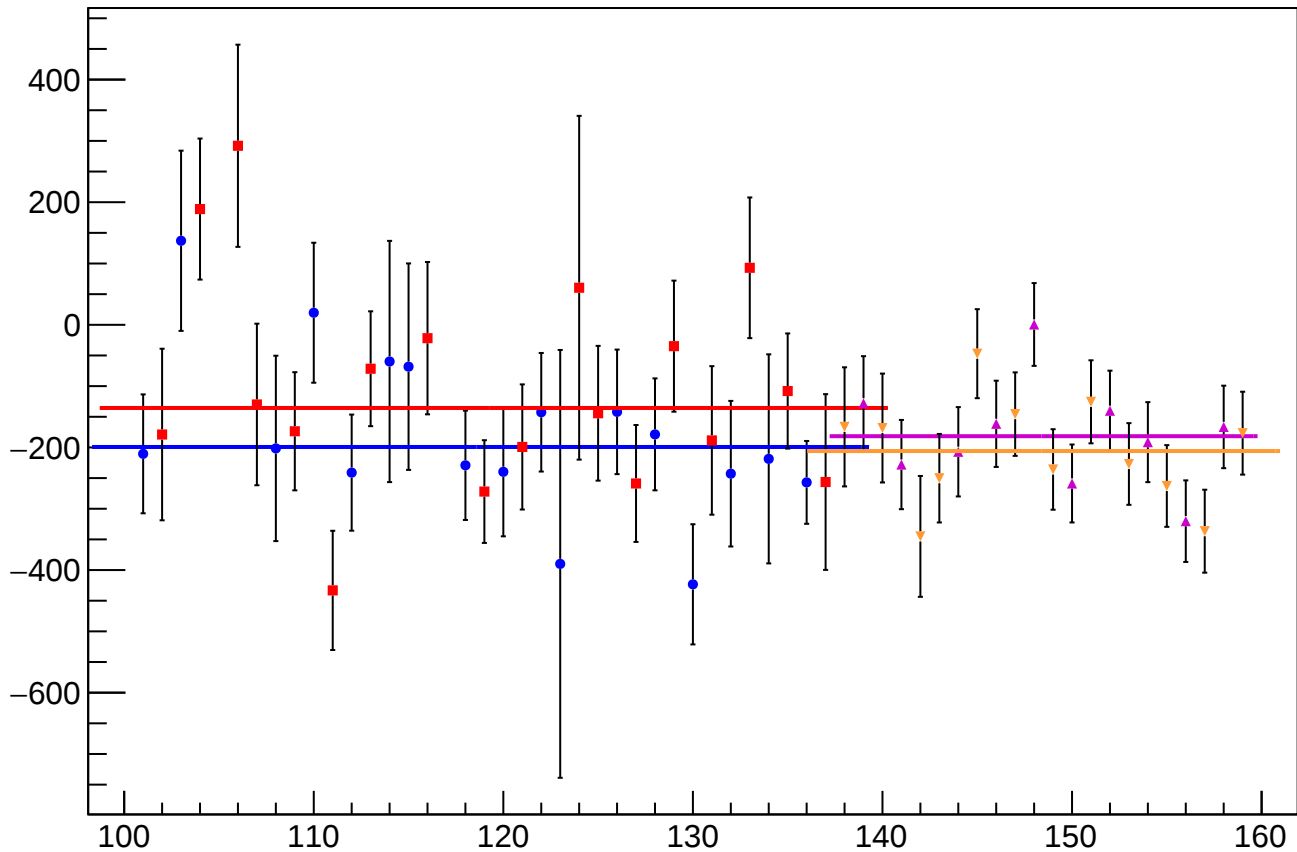
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 347.415+/-0.067 χ^2/NDF : 2517829.0/26

Out: 329.532+/-0.062 χ^2/NDF : 3474717.7/29

All: 337.802+/-0.045 χ^2/NDF : 6031378.5/56

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -205.883 ± 20.984 $\chi^2/\text{NDF}: 14.7/11$

Right Out: -135.623 ± 26.252 $\chi^2/\text{NDF}: 36.7/17$

Left In: -181.669 ± 21.662 $\chi^2/\text{NDF}: 14.7/9$

Left: -194.161 ± 15.072 $\chi^2/\text{NDF}: 30.0/21$

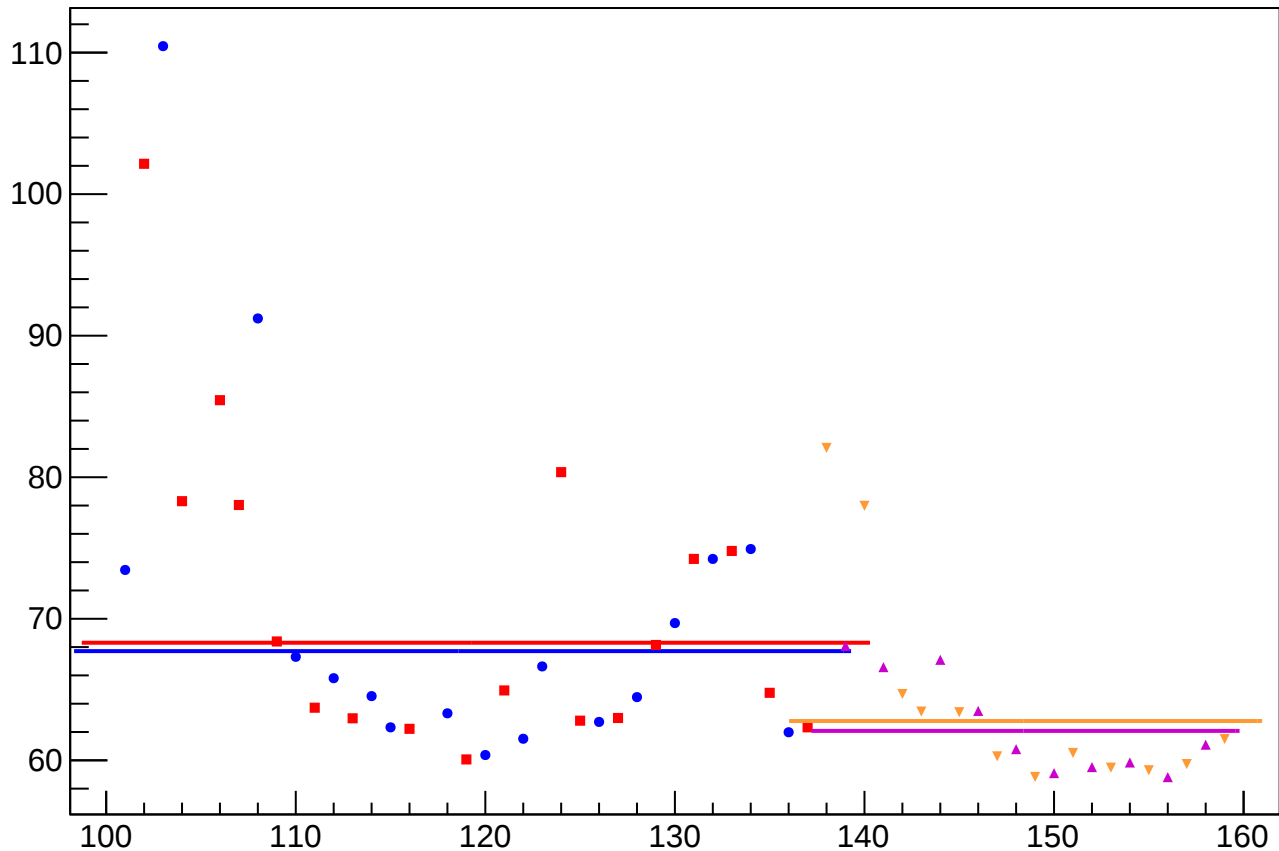
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -188.707 ± 16.775 $\chi^2/\text{NDF}: 32.5/26$

Out: -178.493 ± 16.391 $\chi^2/\text{NDF}: 55.7/29$

All: -183.482 ± 11.724 $\chi^2/\text{NDF}: 88.4/56$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.777 $\pm$ 0.015 χ^2/NDF : 165883.9/11

Right Out: 68.308 $\pm$ 0.019 χ^2/NDF : 234314.0/17

Left In: 62.079 $\pm$ 0.015 χ^2/NDF : 45953.7/9

Left: 62.439 $\pm$ 0.011 χ^2/NDF : 212908.1/21

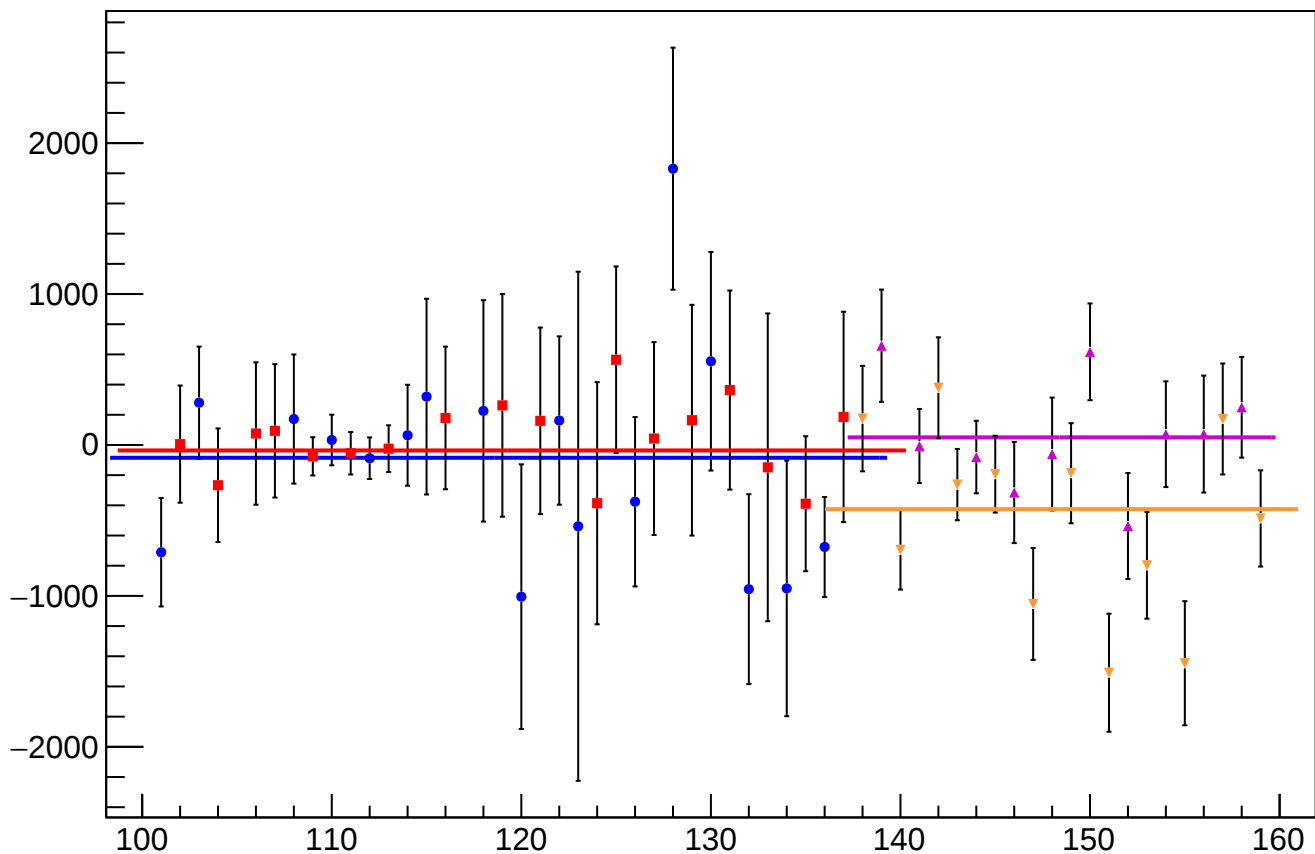
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.335 $\pm$ 0.012 χ^2/NDF : 383040.9/26

Out: 64.933 $\pm$ 0.012 χ^2/NDF : 454373.9/29

All: 64.641 $\pm$ 0.008 χ^2/NDF : 838715.6/56

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -424.941 $\pm$ 91.679 χ^2/NDF : 32.1/11

Right Out: -36.132 $\pm$ 69.750 χ^2/NDF : 3.4/17

Left In: 50.362 $\pm$ 100.590 χ^2/NDF : 10.6/9

Left: -209.270 $\pm$ 67.759 χ^2/NDF : 54.9/21

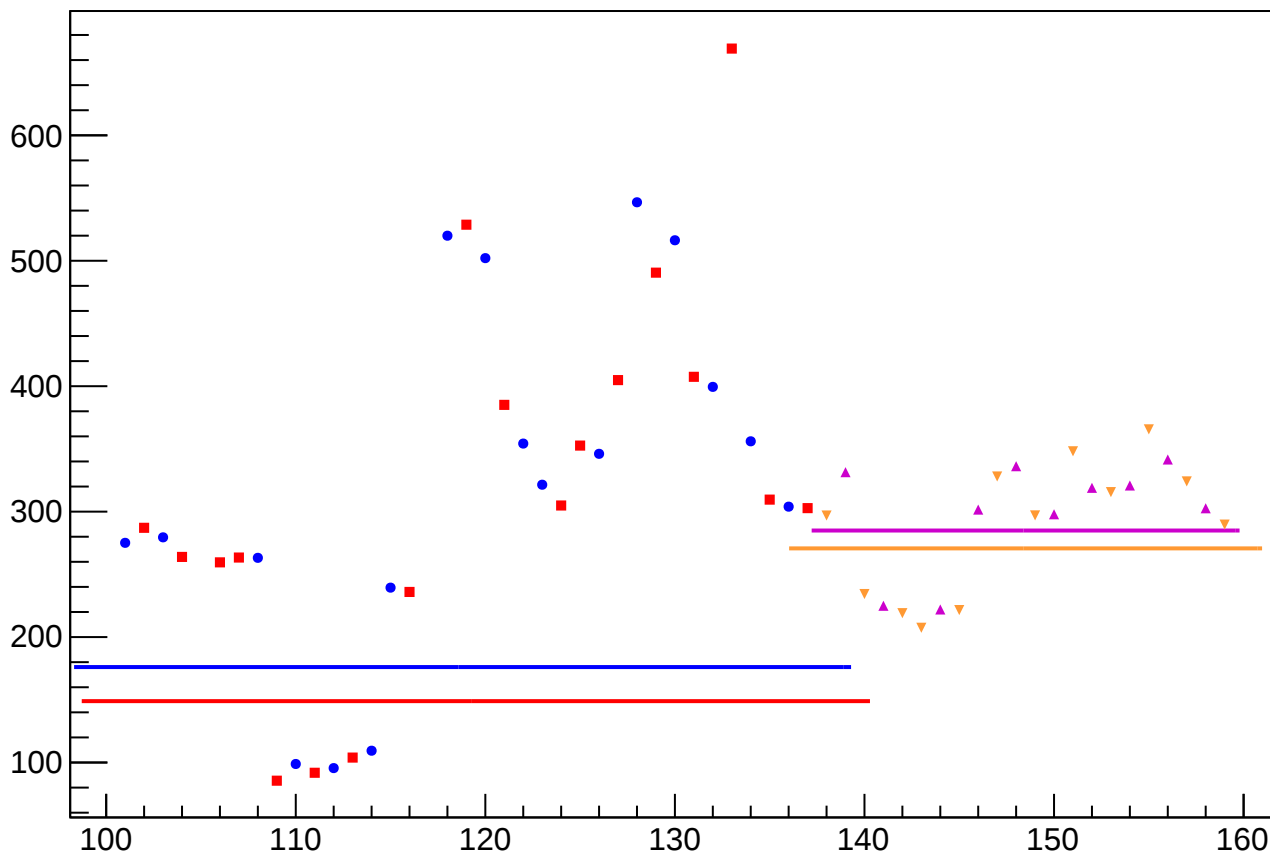
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -30.288 $\pm$ 63.867 χ^2/NDF : 31.6/26

Out: -178.676 $\pm$ 55.511 χ^2/NDF : 46.9/29

All: -114.818 $\pm$ 41.897 χ^2/NDF : 81.6/56

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 270.701+/-0.065 χ^2/NDF : 642105.6/11

Right Out: 148.932+/-0.049 χ^2/NDF : 4770916.6/17

Left In: 284.947+/-0.071 χ^2/NDF : 421695.8/9

Left: 277.166+/-0.048 χ^2/NDF : 1085713.5/21

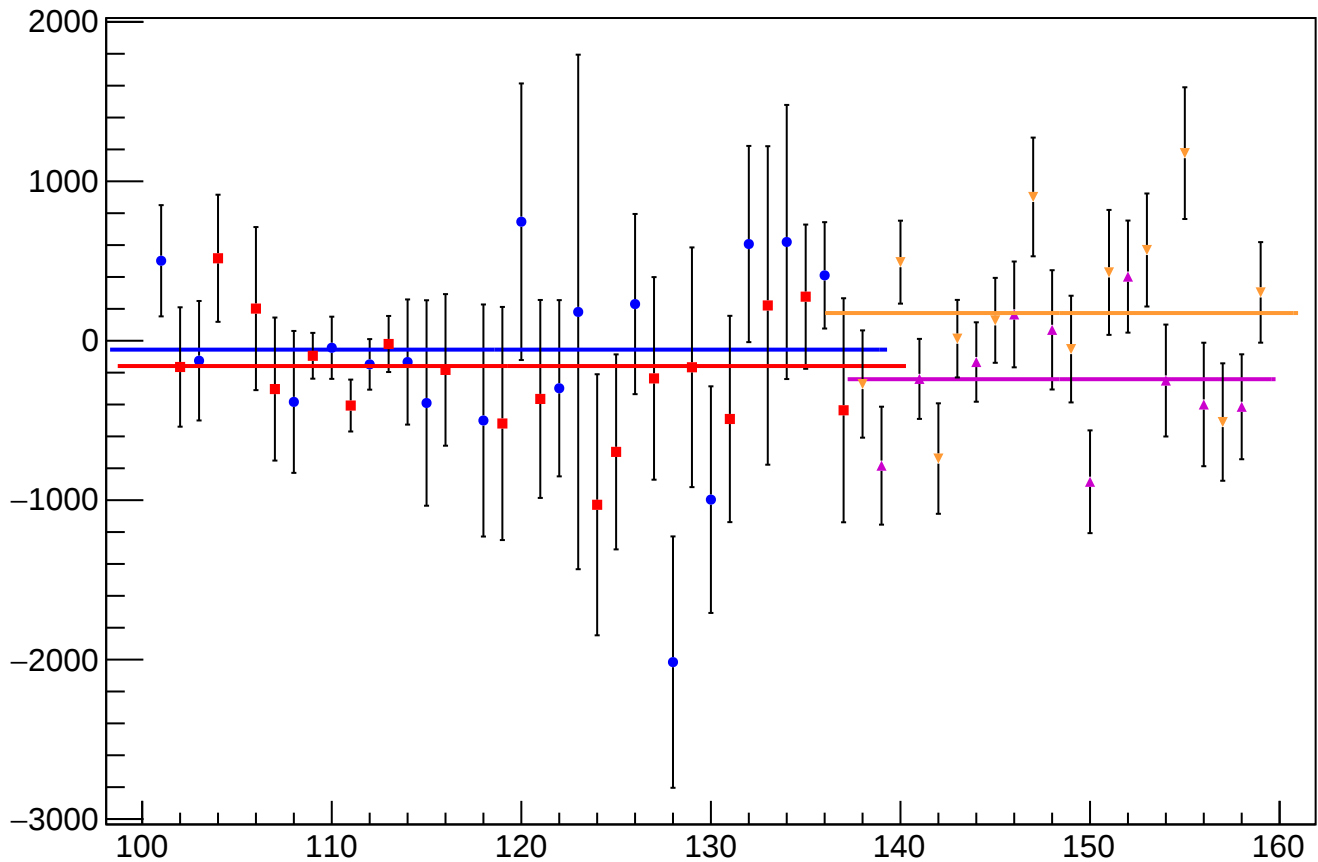
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 219.977+/-0.045 χ^2/NDF : 6043215.5/26

Out: 193.575+/-0.039 χ^2/NDF : 7647791.7/29

All: 204.937+/-0.030 χ^2/NDF : 13885711.8/56

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724 ± 90.572 $\chi^2/\text{NDF}: 17.1/16$

Left Out: 173.737 ± 92.509 $\chi^2/\text{NDF}: 26.1/11$

Right Out: -158.676 ± 77.072 $\chi^2/\text{NDF}: 10.4/17$

Left In: -241.204 ± 101.397 $\chi^2/\text{NDF}: 12.3/9$

Left: -14.755 ± 68.340 $\chi^2/\text{NDF}: 47.6/21$

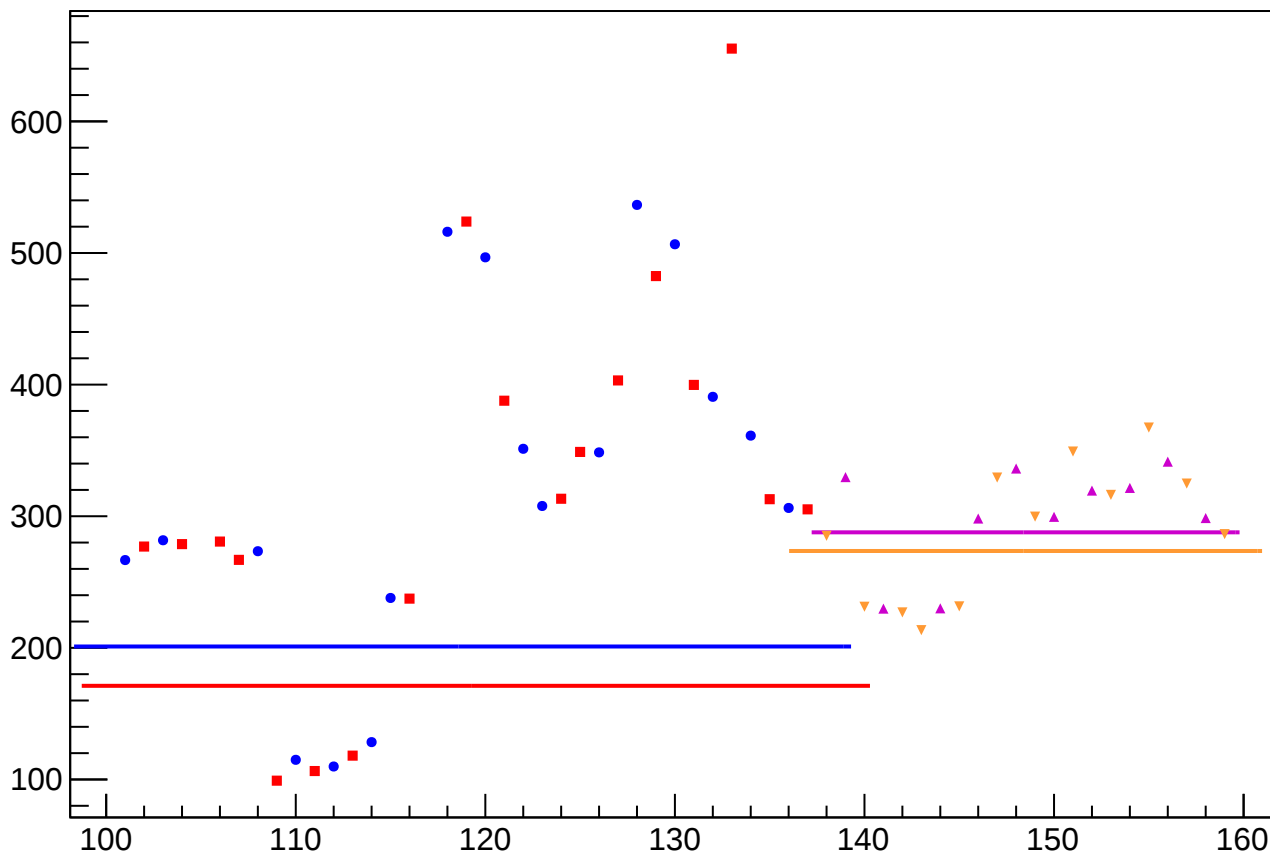
Right: -115.437 ± 58.697 $\chi^2/\text{NDF}: 28.3/34$

In: -138.038 ± 67.548 $\chi^2/\text{NDF}: 31.3/26$

Out: -22.480 ± 59.214 $\chi^2/\text{NDF}: 44.1/29$

All: -72.695 ± 44.528 $\chi^2/\text{NDF}: 77.1/56$

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036+/-0.064 χ^2/NDF : 3433026.4/16

Left Out: 273.599+/-0.065 χ^2/NDF : 569357.8/11

Right Out: 171.159+/-0.054 χ^2/NDF : 4065598.7/17

Left In: 287.772+/-0.072 χ^2/NDF : 353538.7/9

Left: 280.037+/-0.048 χ^2/NDF : 944220.1/21

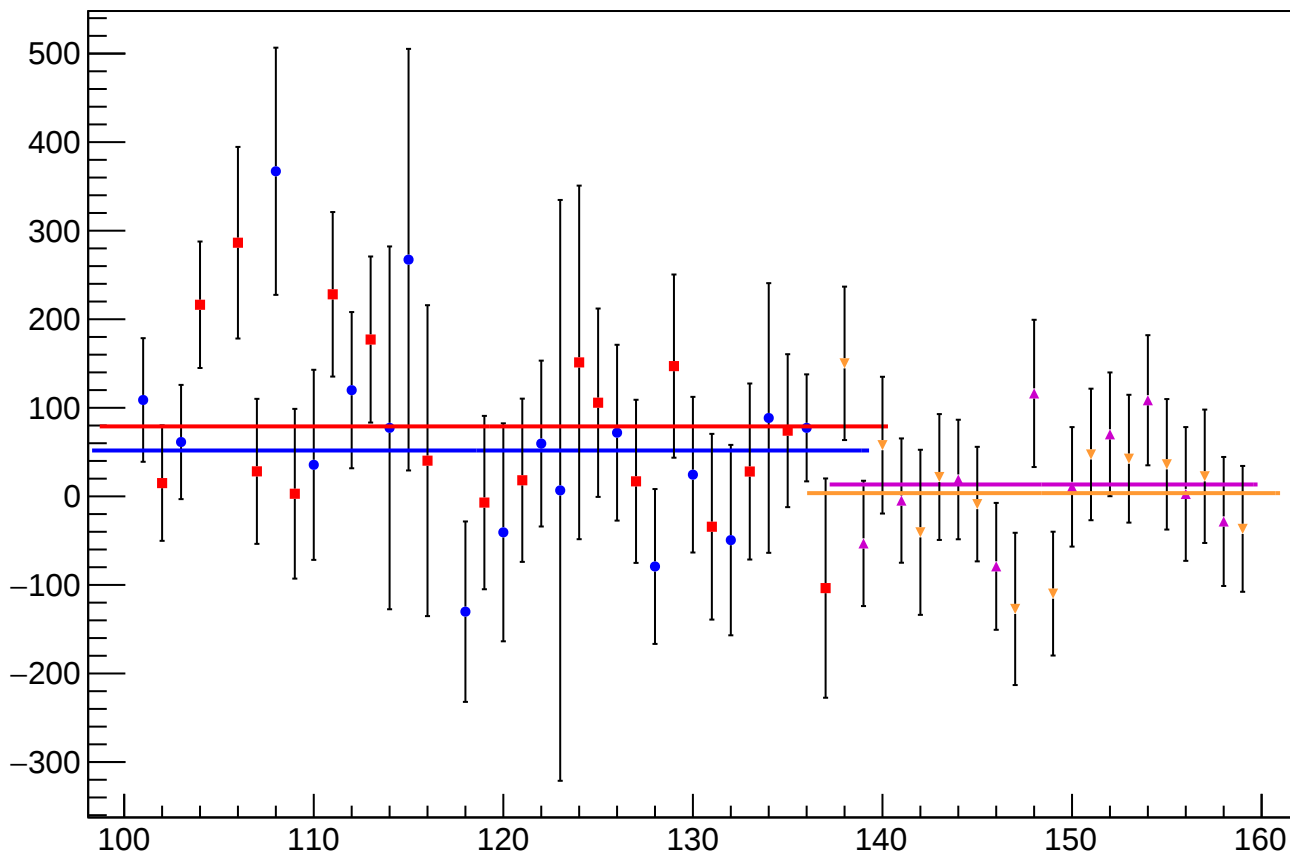
Right: 183.707+/-0.042 χ^2/NDF : 7624855.0/34

In: 239.529+/-0.048 χ^2/NDF : 4600542.2/26

Out: 213.130+/-0.042 χ^2/NDF : 6082592.7/29

All: 224.602+/-0.031 χ^2/NDF : 10855860.5/56

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 ± 23.538 $\chi^2/\text{NDF}: 14.5/16$

Left Out: 3.652 ± 21.693 $\chi^2/\text{NDF}: 9.8/11$

Right Out: 79.008 ± 22.499 $\chi^2/\text{NDF}: 19.0/17$

Left In: 13.423 ± 22.732 $\chi^2/\text{NDF}: 6.8/9$

Left: 8.309 ± 15.694 $\chi^2/\text{NDF}: 16.8/21$

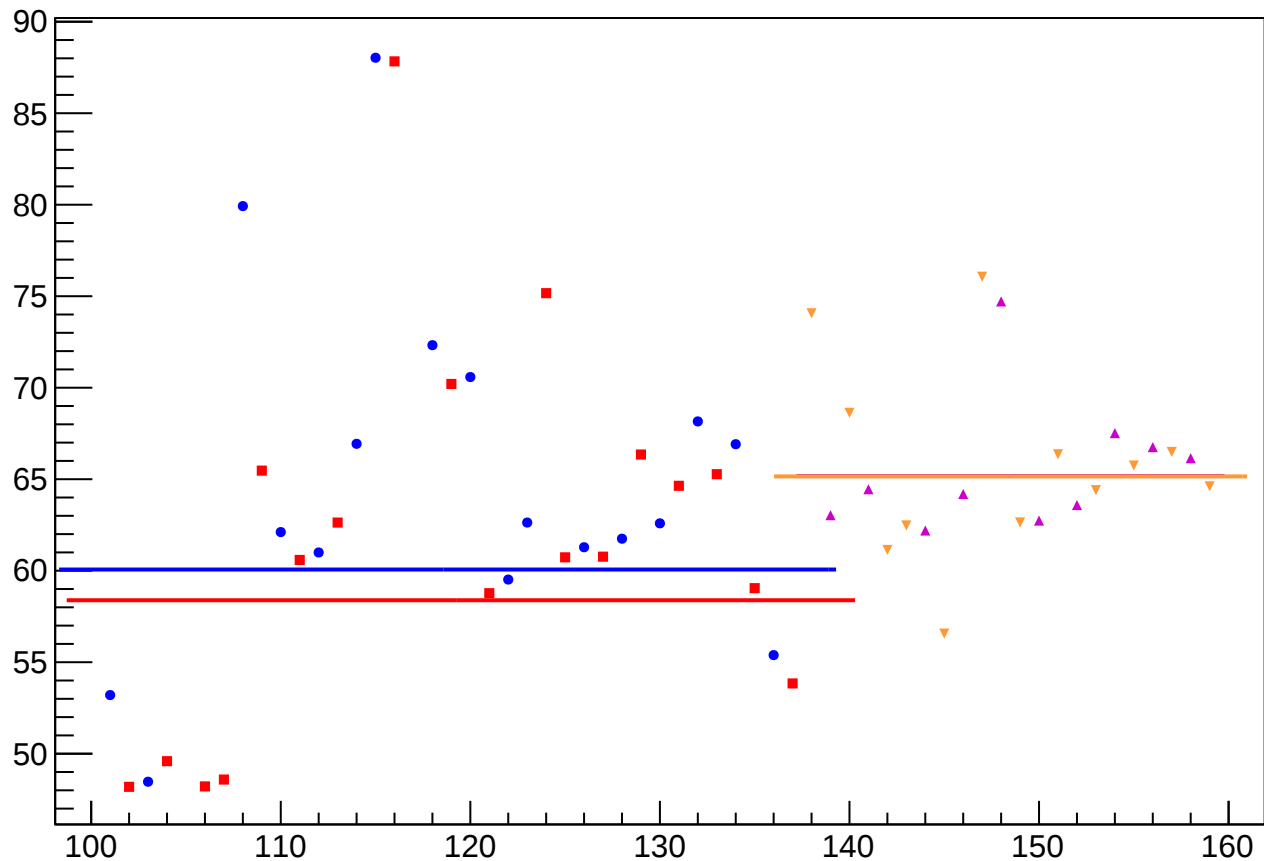
Right: 66.018 ± 16.264 $\chi^2/\text{NDF}: 34.2/34$

In: 31.943 ± 16.351 $\chi^2/\text{NDF}: 22.7/26$

Out: 39.956 ± 15.616 $\chi^2/\text{NDF}: 34.6/29$

All: 36.133 ± 11.293 $\chi^2/\text{NDF}: 57.5/56$

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 60.065 $\pm$ 0.017 χ^2/NDF : 229098.7/16

Left Out: 65.153 $\pm$ 0.015 χ^2/NDF : 103481.8/11

Right Out: 58.387 $\pm$ 0.016 χ^2/NDF : 275017.2/17

Left In: 65.173 $\pm$ 0.016 χ^2/NDF : 39549.1/9

Left: 65.163 $\pm$ 0.011 χ^2/NDF : 143031.8/21

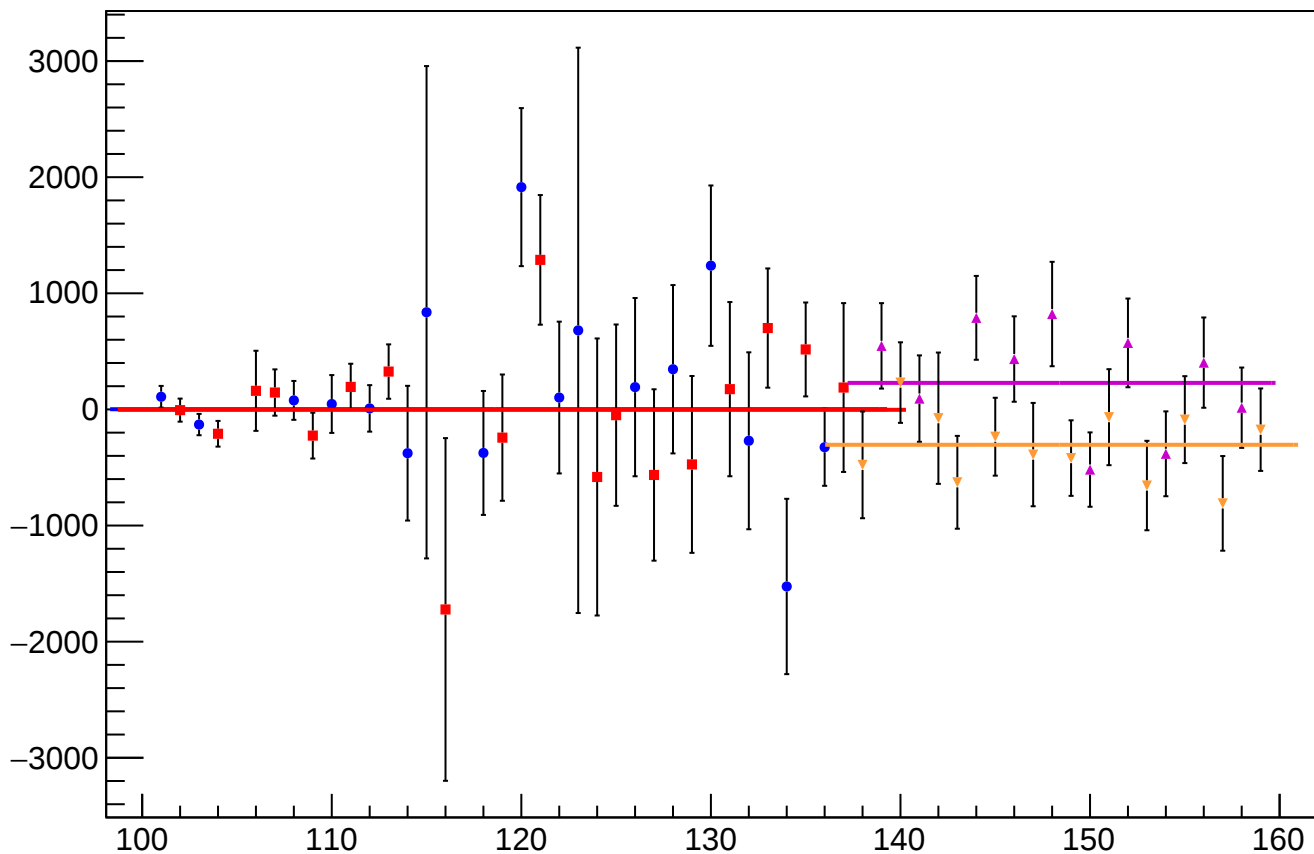
Right: 59.188 $\pm$ 0.012 χ^2/NDF : 509429.8/34

In: 62.708 $\pm$ 0.012 χ^2/NDF : 317375.6/26

Out: 61.893 $\pm$ 0.011 χ^2/NDF : 472239.1/29

All: 62.282 $\pm$ 0.008 χ^2/NDF : 792211.1/56

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 ± 54.284 χ^2/NDF : 21.4/16

Left Out: -304.478 ± 112.148 χ^2/NDF : 6.7/11

Right Out: -3.242 ± 56.611 χ^2/NDF : 20.2/17

Left In: 228.513 ± 116.498 χ^2/NDF : 15.0/9

Left: -48.120 ± 80.795 χ^2/NDF : 32.5/21

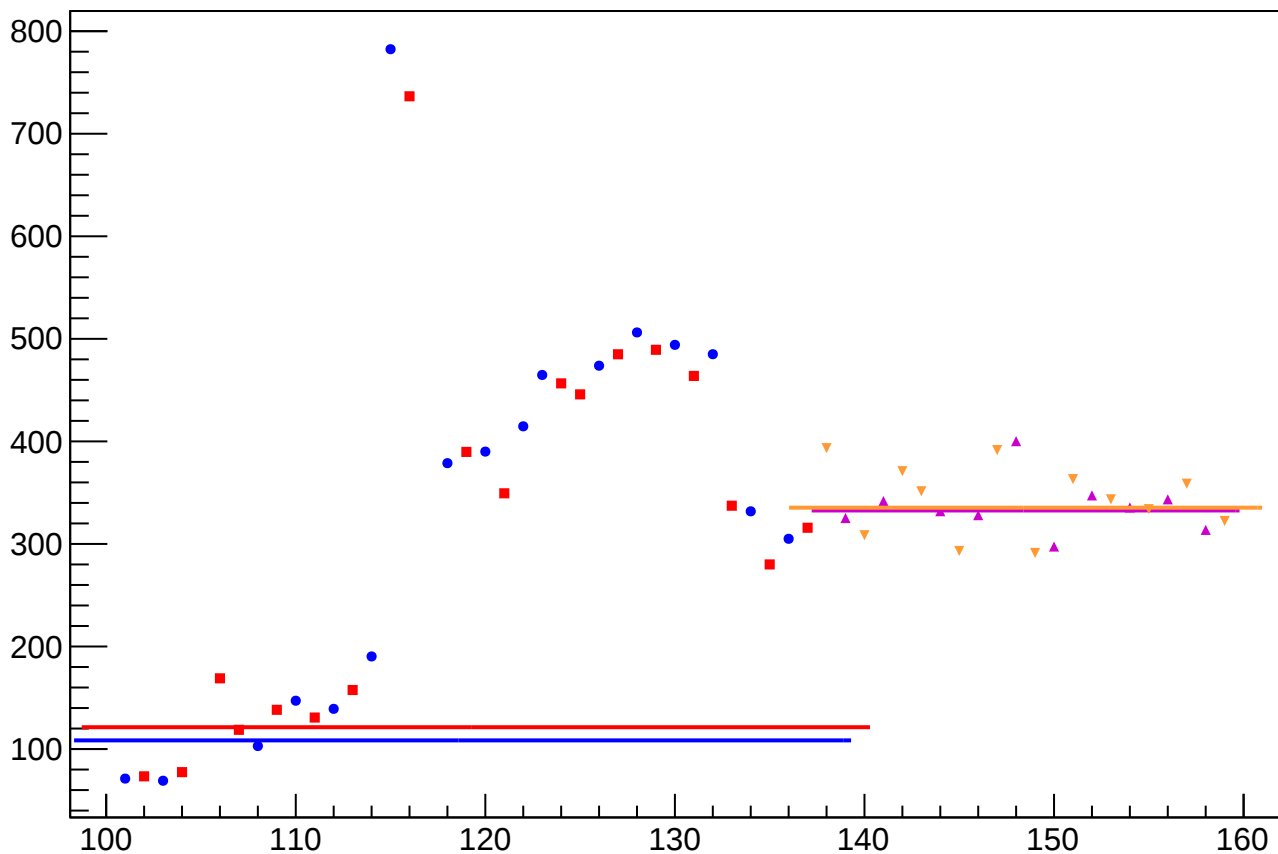
Right: -0.730 ± 39.182 χ^2/NDF : 41.6/34

In: 42.063 ± 49.205 χ^2/NDF : 39.5/26

Out: -64.414 ± 50.538 χ^2/NDF : 32.7/29

All: -9.753 ± 35.255 χ^2/NDF : 74.4/56

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: 335.364 $\pm$ 0.079 χ^2/NDF : 174638.2/11

Right Out: 121.303 $\pm$ 0.040 χ^2/NDF : 4731568.2/17

Left In: 332.650 $\pm$ 0.082 χ^2/NDF : 82314.5/9

Left: 334.059 $\pm$ 0.057 χ^2/NDF : 257516.0/21

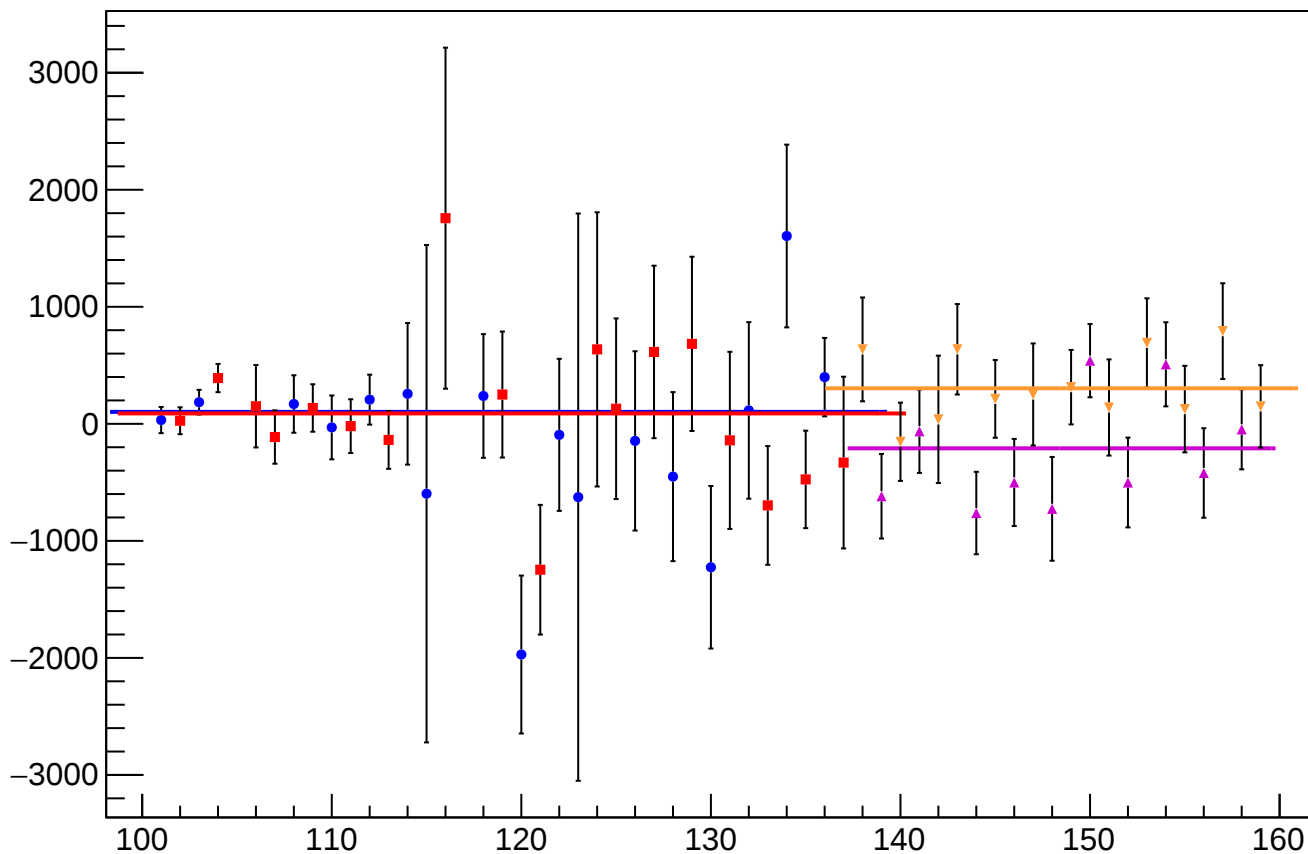
Right: 114.604 $\pm$ 0.028 χ^2/NDF : 10189429.3/34

In: 148.441 $\pm$ 0.035 χ^2/NDF : 11572624.5/26

Out: 164.772 $\pm$ 0.036 χ^2/NDF : 10713051.4/29

All: 156.388 $\pm$ 0.025 χ^2/NDF : 22392897.3/56

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 303.670 $\pm$ 110.104 χ^2 /NDF:6.5/11

Right Out: 88.841 $\pm$ 62.230 χ^2 /NDF: 21.7/17

Left In: -209.271 $\pm$ 114.663 χ^2 /NDF:16.7/9

Left: 57.599 $\pm$ 79.418 χ^2 /NDF: 33.7/21

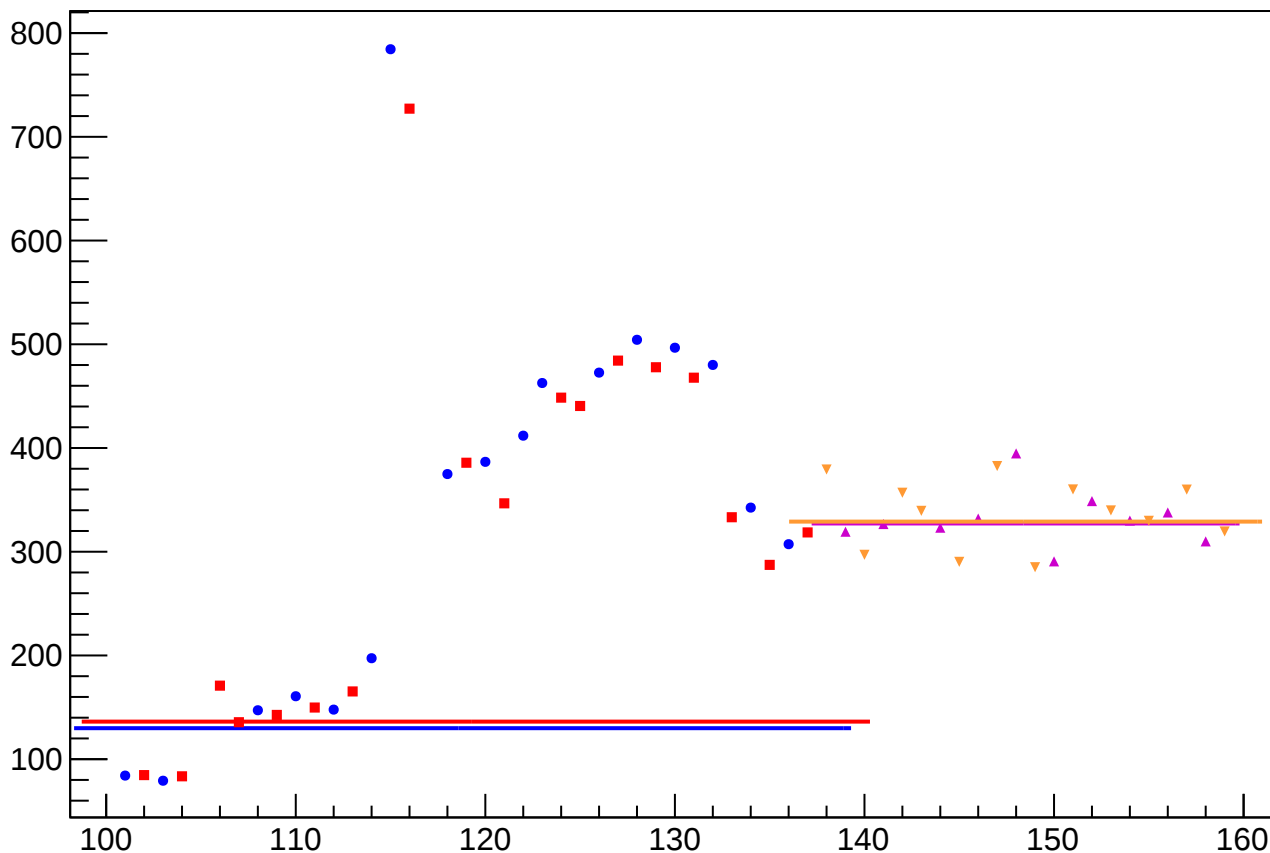
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 29.768 $\pm$ 55.300 χ^2 /NDF:42.6/26

Out: 140.852 $\pm$ 54.176 χ^2 /NDF:31.2/29

All: 86.451 $\pm$ 38.700 χ^2 /NDF: 75.9/56

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 329.045+/-0.078 χ^2/NDF : 172197.0/11

Right Out: 136.225+/-0.044 χ^2/NDF : 4282800.2/17

Left In: 327.243+/-0.081 χ^2/NDF : 88293.0/9

Left: 328.180+/-0.056 χ^2/NDF : 260746.9/21

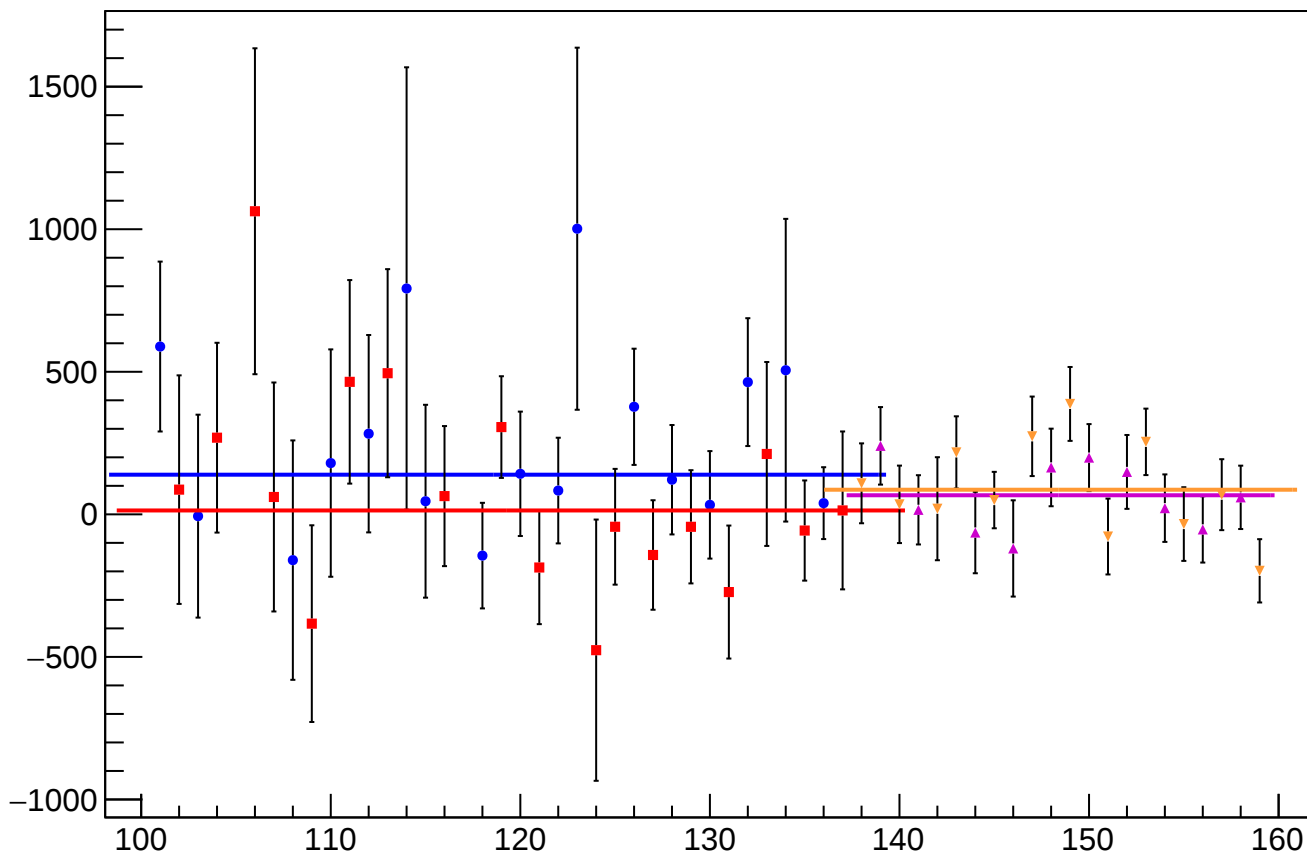
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 175.790+/-0.039 χ^2/NDF : 9464750.1/26

Out: 182.908+/-0.038 χ^2/NDF : 9103725.4/29

All: 179.422+/-0.027 χ^2/NDF : 18585383.7/56

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: 86.363 $\pm$ 36.585 χ^2 /NDF:19.8/11

Right Out: 13.637 $\pm$ 60.127 χ^2 /NDF: 16.4/17

Left In: 66.936 $\pm$ 40.214 χ^2 /NDF:7.2/9

Left: 77.566 $\pm$ 27.062 χ^2 /NDF: 27.1/21

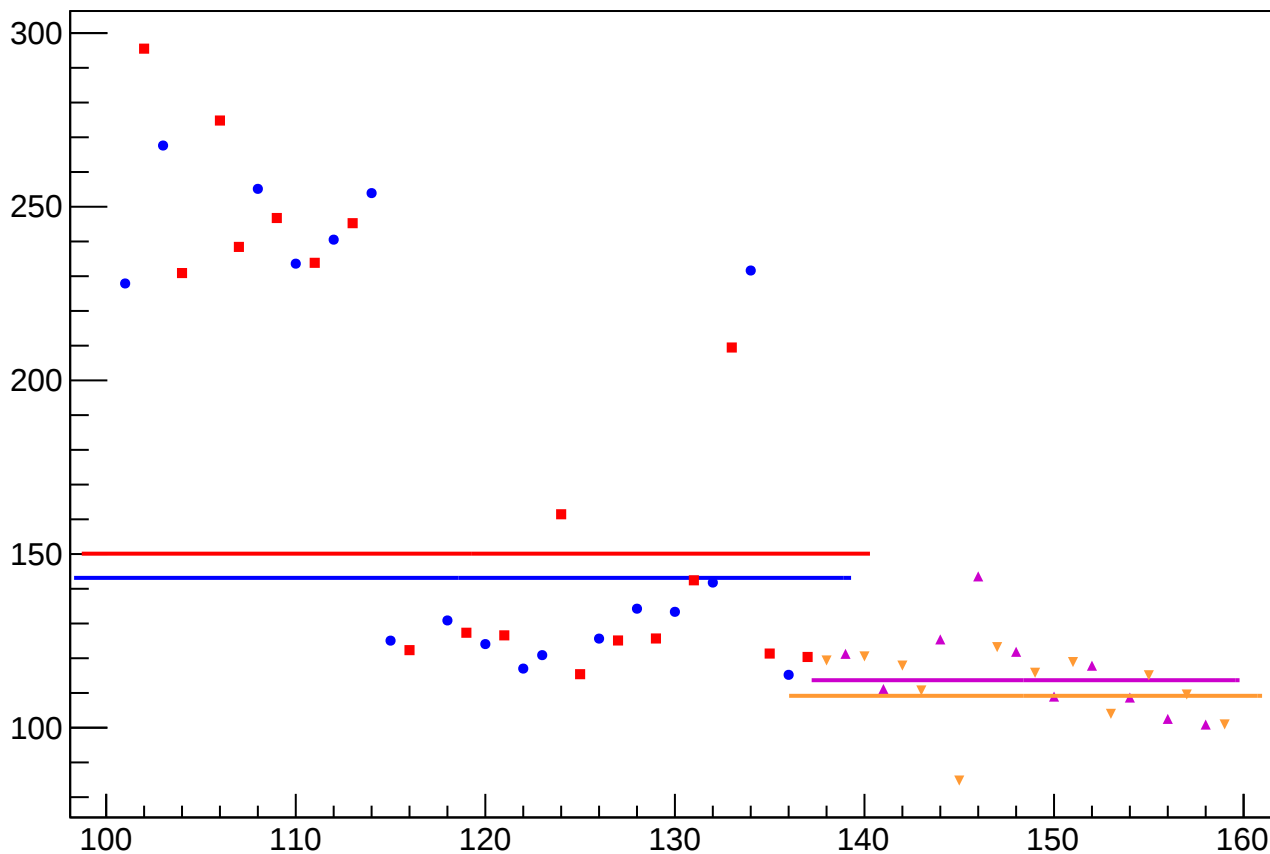
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 90.372 $\pm$ 33.044 χ^2 /NDF:21.4/26

Out: 66.713 $\pm$ 31.254 χ^2 /NDF:37.3/29

All: 77.885 $\pm$ 22.706 χ^2 /NDF: 58.9/56

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: 109.179 $\pm$ 0.026 χ^2 /NDF:206364.9/11

Right Out: 150.109 $\pm$ 0.043 χ^2 /NDF: 1332775.0/17

Left In: 113.674 $\pm$ 0.028 χ^2 /NDF:144204.1/9

Left: 111.215 $\pm$ 0.019 χ^2 /NDF: 364240.1/21

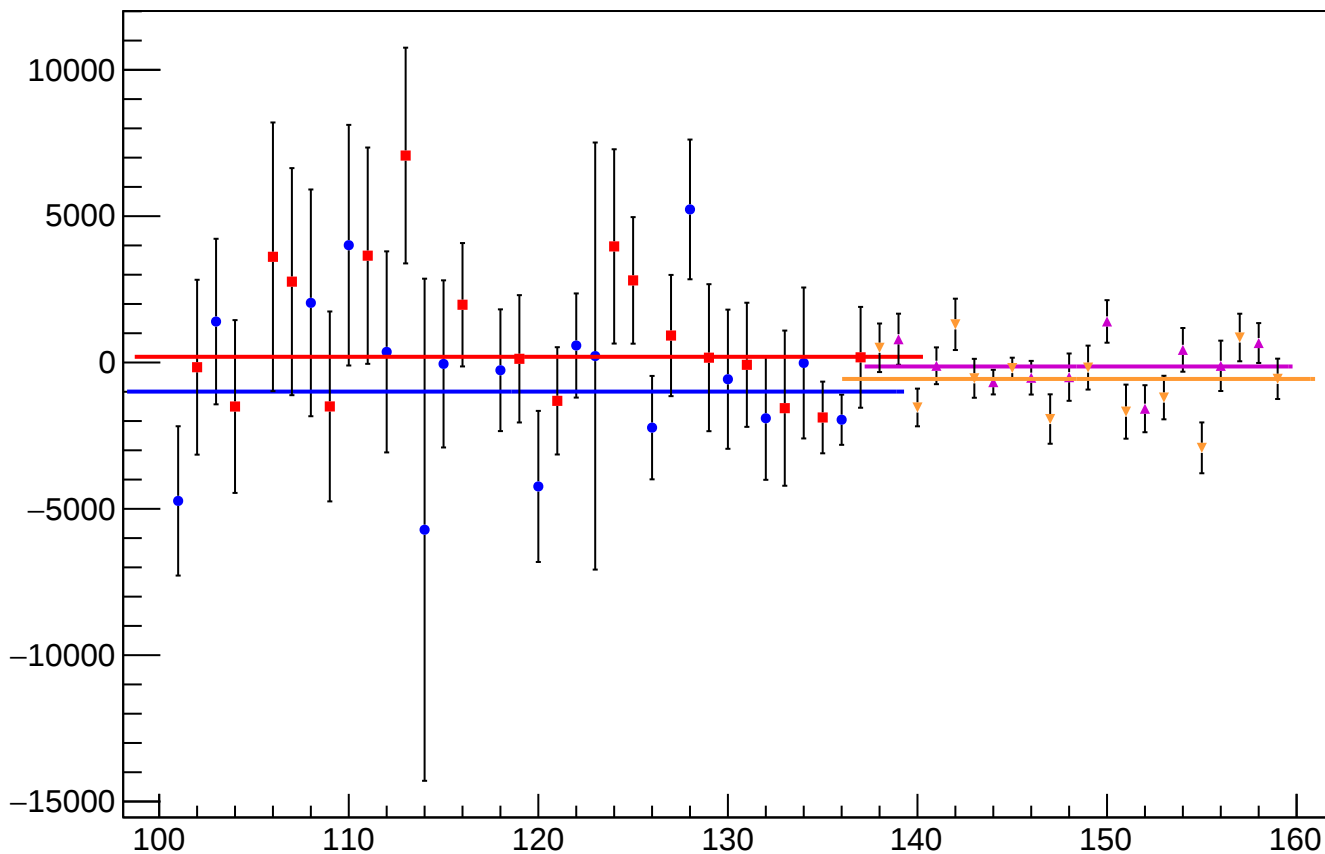
Right: 146.498 $\pm$ 0.030 χ^2 /NDF: 2447968.1/34

In: 123.244 $\pm$ 0.023 χ^2 /NDF:1594224.9/26

Out: 120.238 $\pm$ 0.022 χ^2 /NDF:2215506.8/29

All: 121.657 $\pm$ 0.016 χ^2 /NDF: 3818469.0/56

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -561.867+/-194.167 χ^2/NDF : 25.0/11

Right Out: 195.049+/-543.821 χ^2/NDF : 13.5/17

Left In: -135.900+/-209.491 χ^2/NDF : 13.1/9

Left: -365.031+/-142.406 χ^2/NDF : 40.3/21

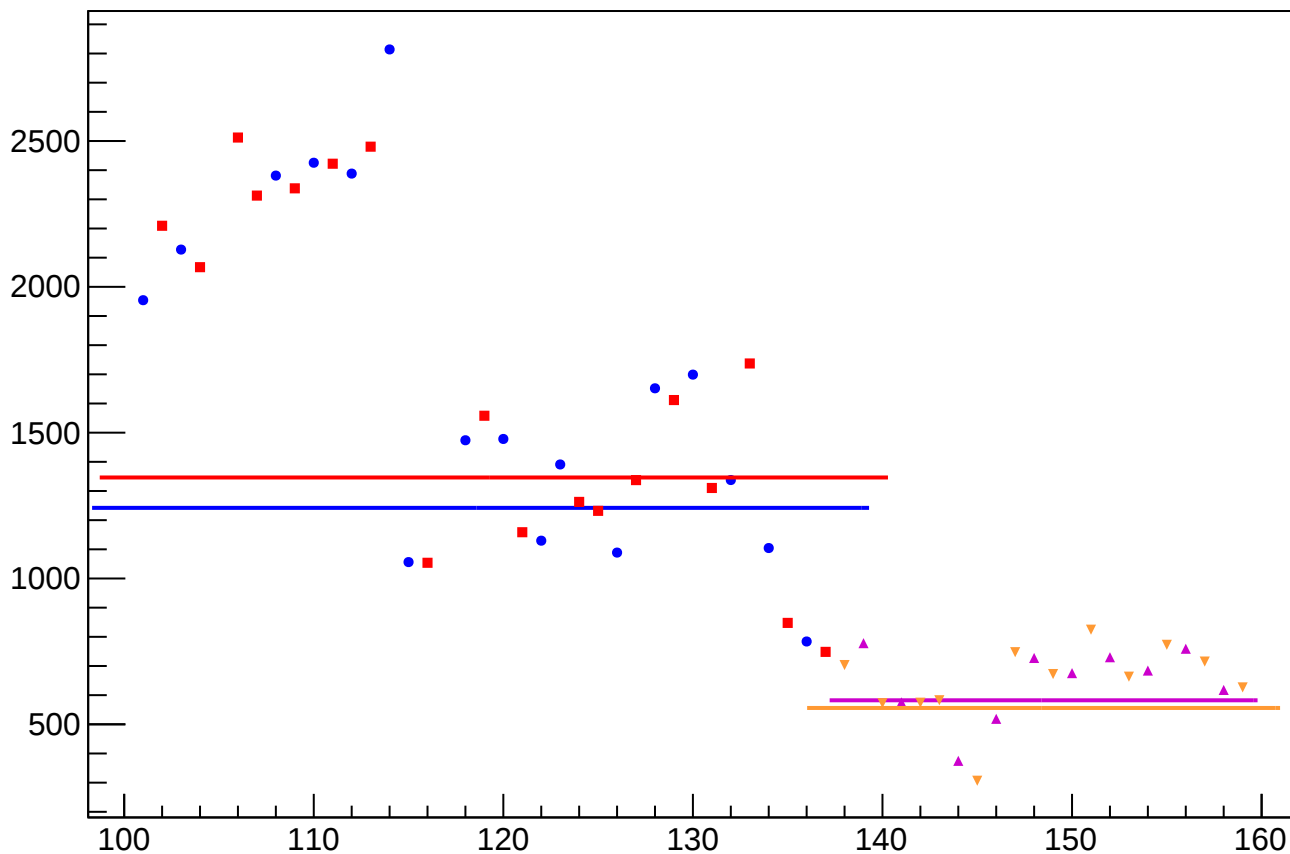
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -257.107+/-194.128 χ^2/NDF : 32.4/26

Out: -476.286+/-182.861 χ^2/NDF : 40.3/29

All: -373.242+/-133.107 χ^2/NDF : 73.4/56

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: 556.086 $\pm$ 0.137 χ^2 /NDF:1647194.9/11

Right Out: 1346.340 $\pm$ 0.385 χ^2 /NDF: 1809161.2/17

Left In: 582.378 $\pm$ 0.148 χ^2 /NDF:904117.7/9

Left: 568.235 $\pm$ 0.101 χ^2 /NDF: 2568258.2/21

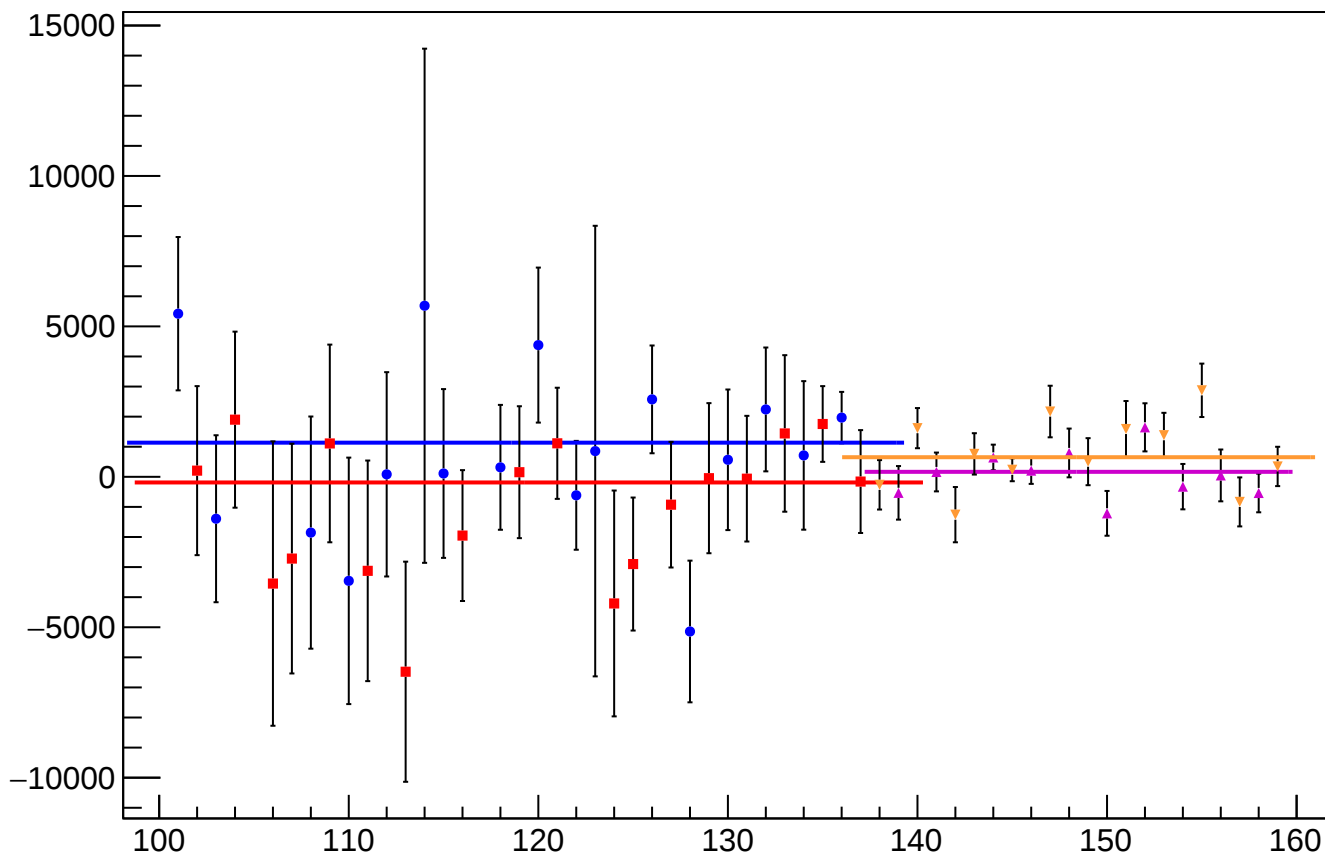
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 675.597 $\pm$ 0.137 χ^2 /NDF:5474502.7/26

Out: 645.436 $\pm$ 0.129 χ^2 /NDF:7202139.3/29

All: 659.616 $\pm$ 0.094 χ^2 /NDF: 12702223.2/56

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222+/-513.770 χ^2/NDF : 17.8/16

Left Out: 651.726+/-199.972 χ^2/NDF : 23.9/11

Right Out: -187.508+/-548.191 χ^2/NDF : 12.0/17

Left In: 165.756+/-200.989 χ^2/NDF : 11.0/9

Left: 409.974+/-141.760 χ^2/NDF : 37.8/21

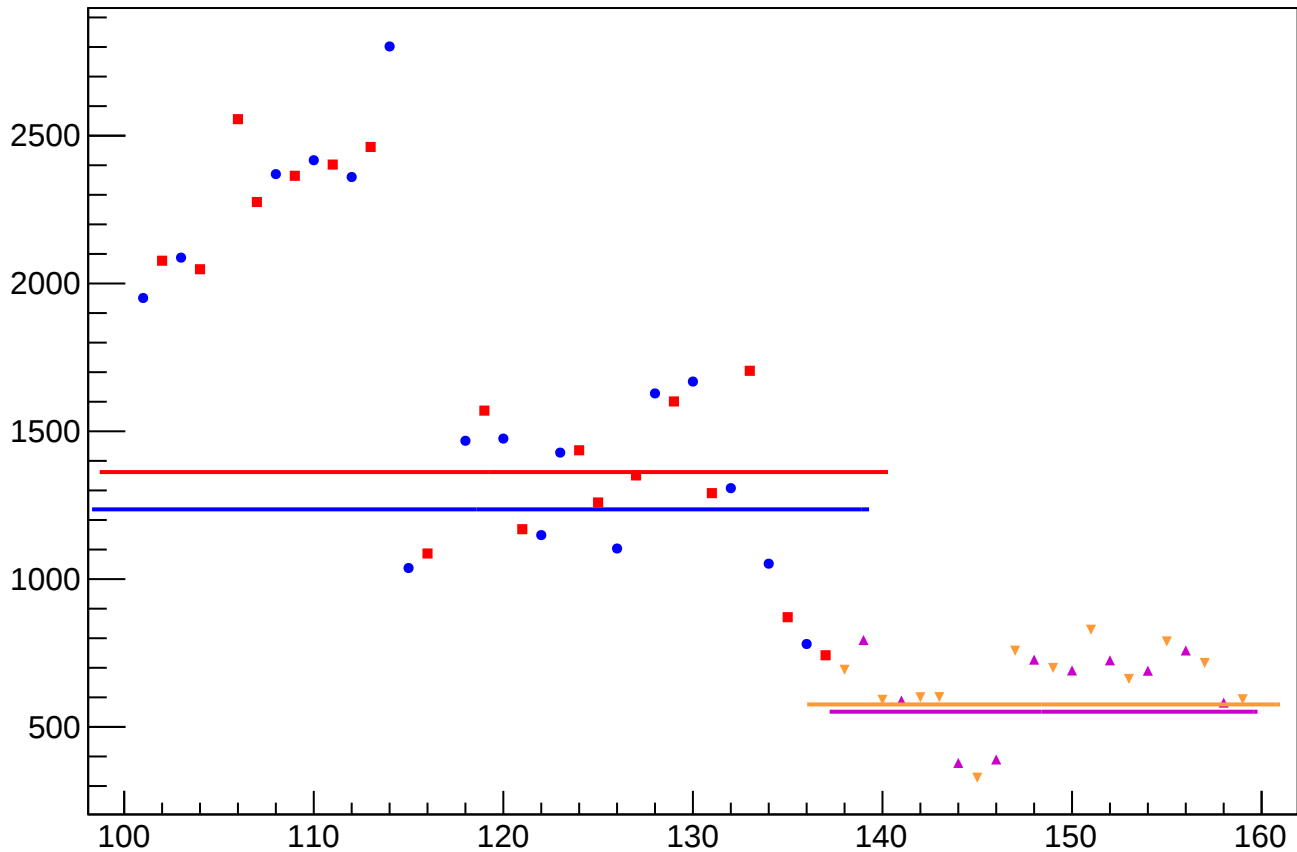
Right: 516.685+/-374.869 χ^2/NDF : 32.9/34

In: 294.431+/-187.176 χ^2/NDF : 31.9/26

Out: 553.166+/-187.863 χ^2/NDF : 37.9/29

All: 423.325+/-132.596 χ^2/NDF : 70.7/56

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2 /NDF: 1745716.2/16

Left Out: 576.079 $\pm$ 0.141 χ^2 /NDF:1383684.8/11

Right Out: 1362.092 $\pm$ 0.388 χ^2 /NDF: 1709253.2/17

Left In: 551.447 $\pm$ 0.142 χ^2 /NDF:1202338.6/9

Left: 563.826 $\pm$ 0.100 χ^2 /NDF: 2601120.0/21

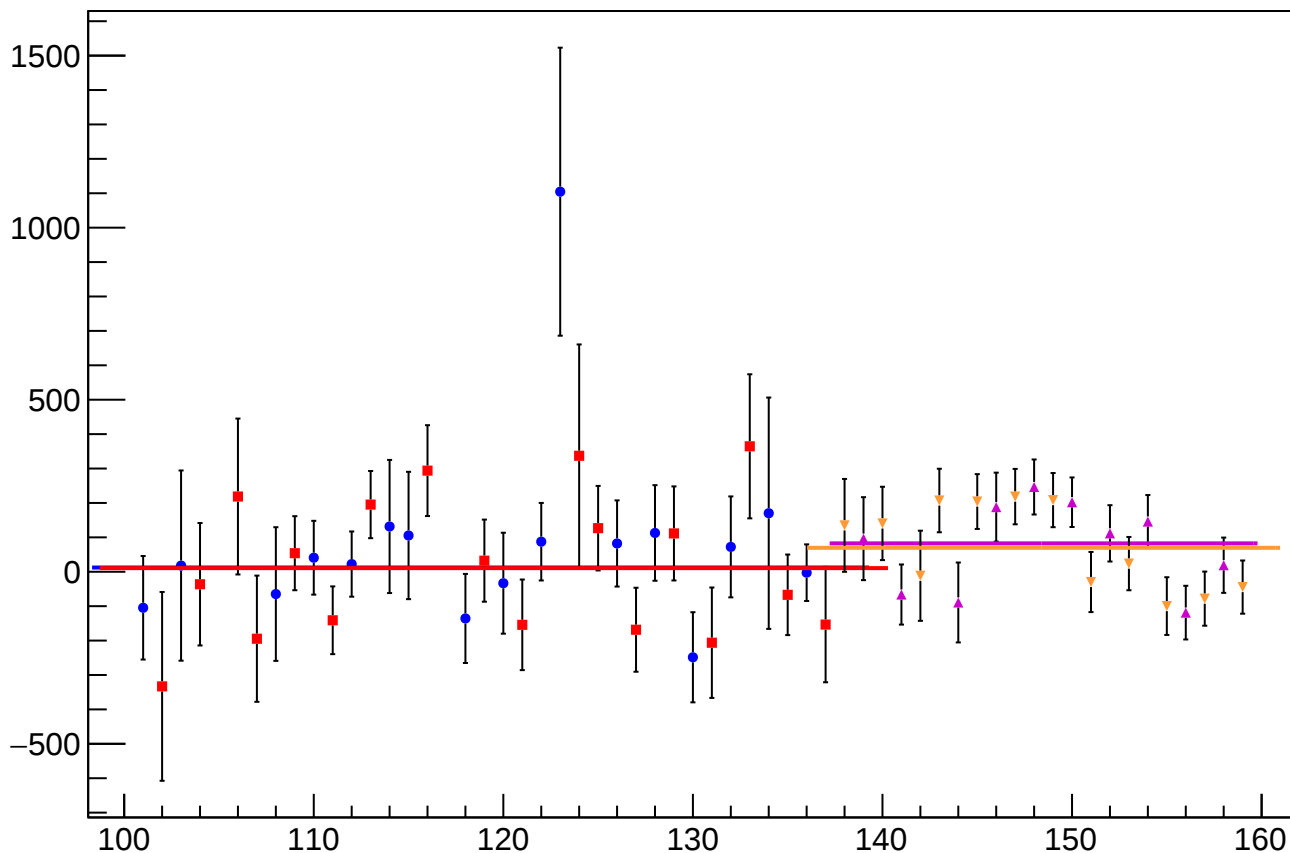
Right: 1294.931 $\pm$ 0.265 χ^2 /NDF: 3511356.6/34

In: 642.298 $\pm$ 0.132 χ^2 /NDF:6026874.6/26

Out: 668.389 $\pm$ 0.133 χ^2 /NDF:6721787.3/29

All: 655.296 $\pm$ 0.094 χ^2 /NDF: 12768021.8/56

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308+/-33.228 χ^2/NDF : 15.4/16

Left Out: 69.623+/-25.312 χ^2/NDF : 24.1/11

Right Out: 10.591+/-32.606 χ^2/NDF : 26.7/17

Left In: 82.491+/-27.118 χ^2/NDF : 21.2/9

Left: 75.614+/-18.504 χ^2/NDF : 45.4/21

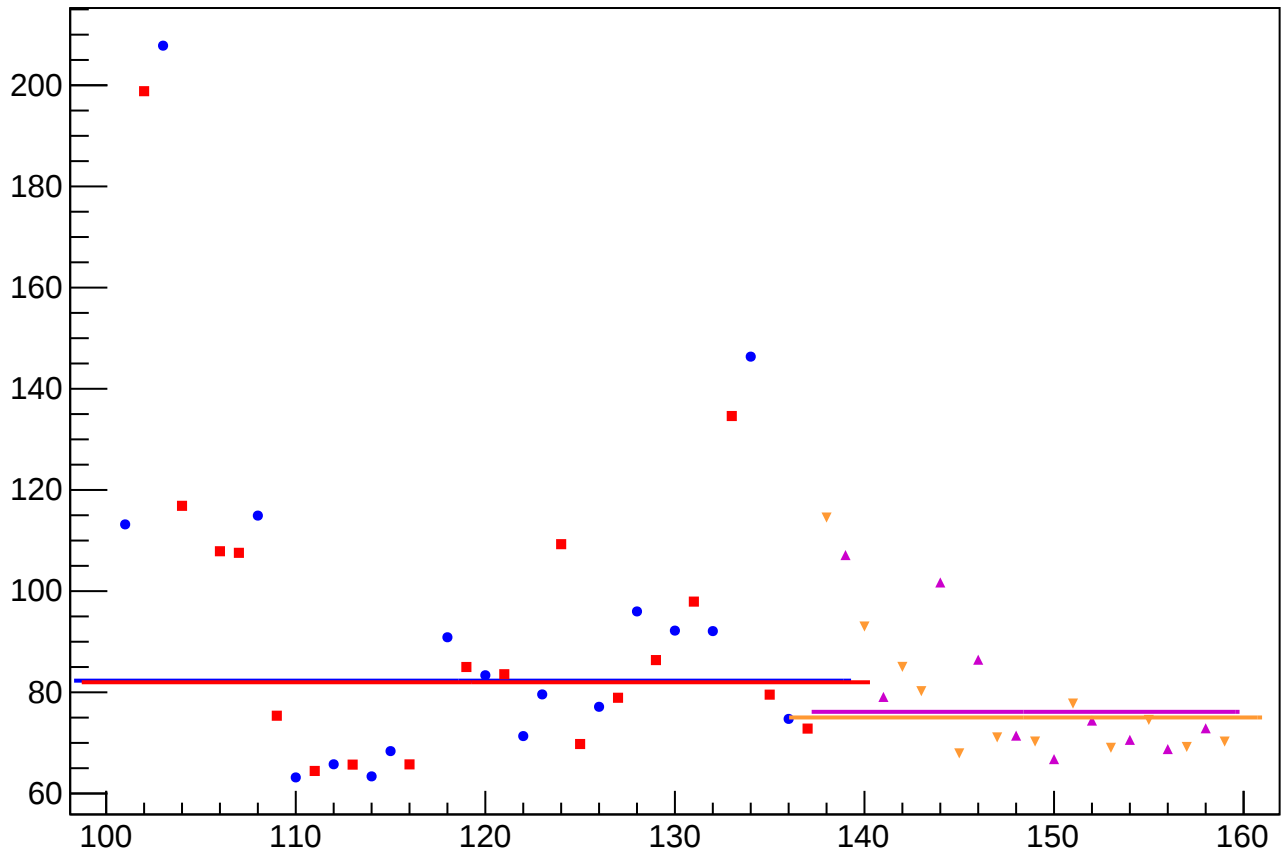
Right: 11.434+/-23.273 χ^2/NDF : 42.1/34

In: 54.433+/-21.009 χ^2/NDF : 39.3/26

Out: 47.425+/-19.994 χ^2/NDF : 52.9/29

All: 50.756+/-14.484 χ^2/NDF : 92.2/56

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: 75.029 $\pm$ 0.018 χ^2 /NDF: 307056.4/11

Right Out: 81.987 $\pm$ 0.023 χ^2 /NDF: 853217.2/17

Left In: 76.144 $\pm$ 0.019 χ^2 /NDF: 325535.0/9

Left: 75.548 $\pm$ 0.013 χ^2 /NDF: 634400.8/21

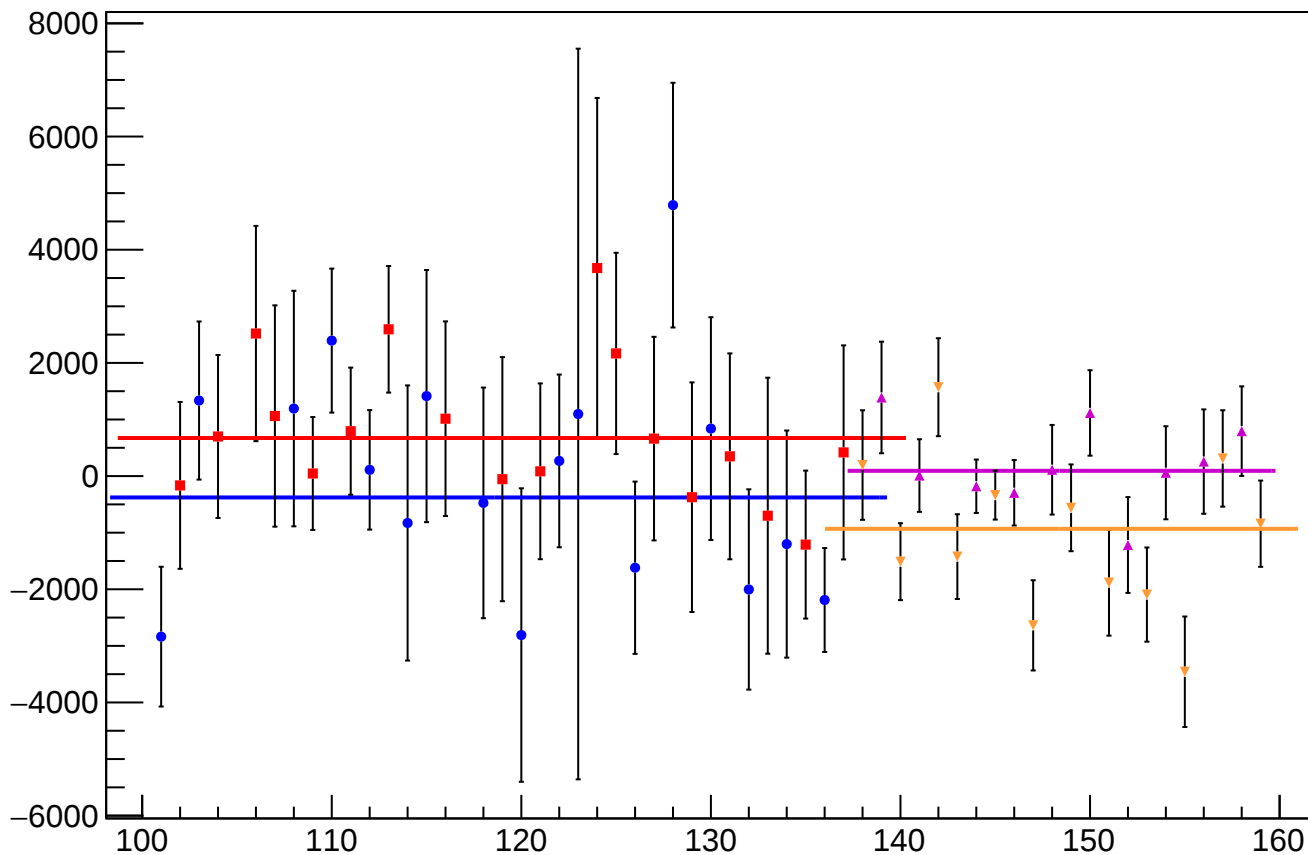
Right: 82.144 $\pm$ 0.016 χ^2 /NDF: 1722053.3/34

In: 78.608 $\pm$ 0.015 χ^2 /NDF: 1235554.4/26

Out: 77.645 $\pm$ 0.014 χ^2 /NDF: 1217116.1/29

All: 78.103 $\pm$ 0.010 χ^2 /NDF: 2454872.5/56

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 χ^2/NDF : 24.5/16

Left Out: -931.602 ± 214.684 χ^2/NDF : 29.4/11

Right Out: 673.192 ± 368.624 χ^2/NDF : 9.4/17

Left In: 93.216 ± 223.965 χ^2/NDF : 7.6/9

Left: -440.865 ± 154.982 χ^2/NDF : 47.9/21

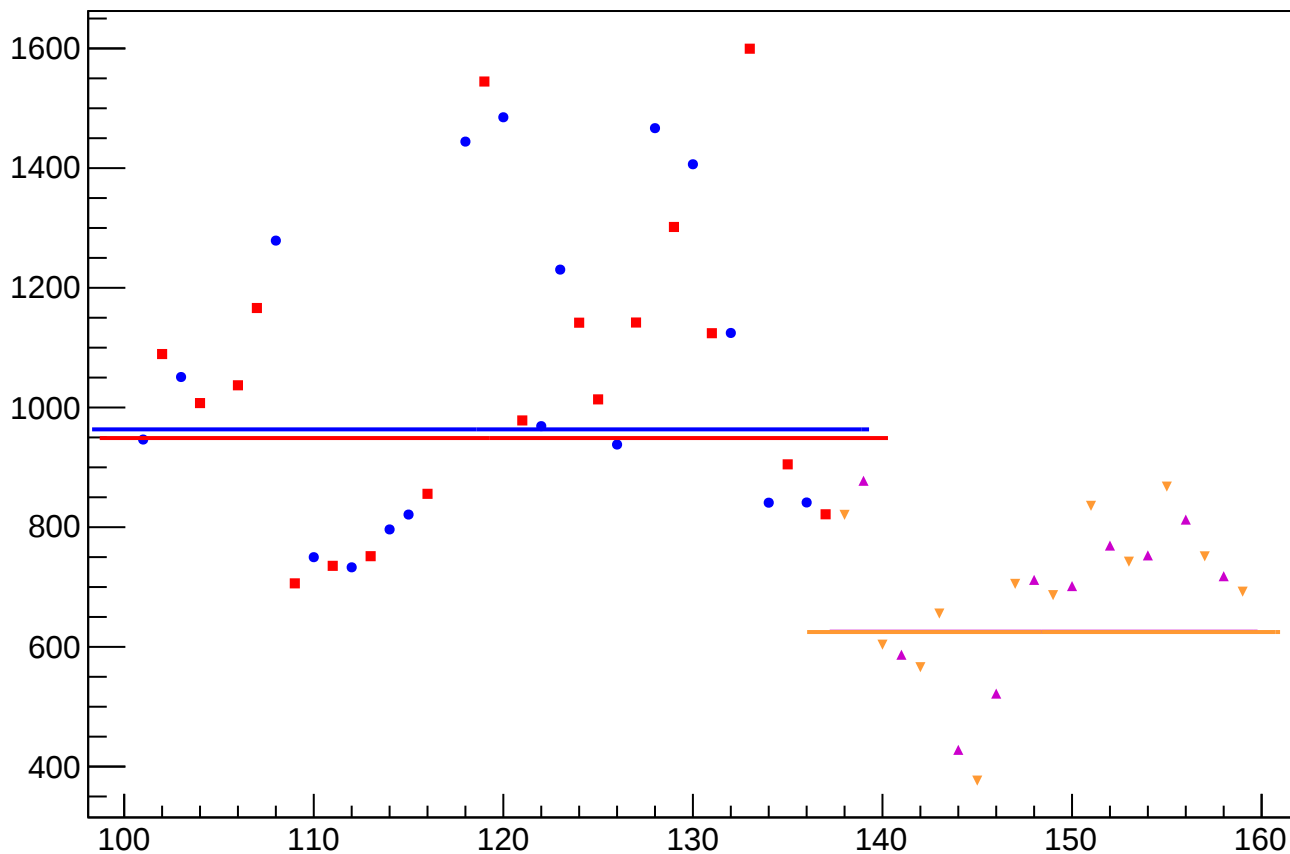
Right: 169.244 ± 265.892 χ^2/NDF : 37.7/34

In: -26.269 ± 193.451 χ^2/NDF : 33.2/26

Out: -525.146 ± 185.516 χ^2/NDF : 52.9/29

All: -286.149 ± 133.897 χ^2/NDF : 89.6/56

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469+/-0.271 χ^2/NDF : 688873.3/16

Left Out: 624.823+/-0.152 χ^2/NDF : 1113015.3/11

Right Out: 948.947+/-0.261 χ^2/NDF : 729378.3/17

Left In: 625.368+/-0.158 χ^2/NDF : 812439.7/9

Left: 625.084+/-0.110 χ^2/NDF : 1925461.2/21

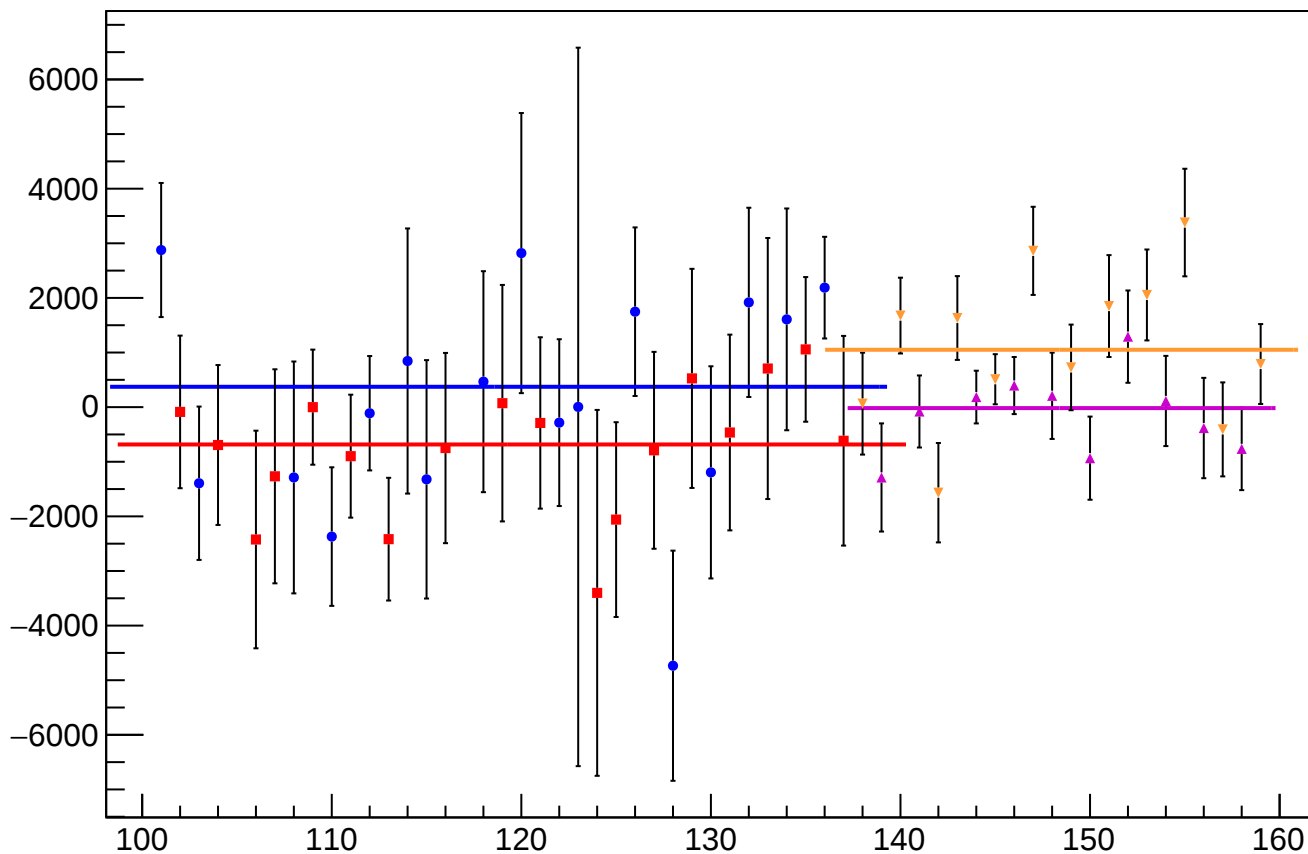
Right: 955.914+/-0.188 χ^2/NDF : 1419740.5/34

In: 711.221+/-0.137 χ^2/NDF : 2658686.2/26

Out: 706.916+/-0.131 χ^2/NDF : 2997034.8/29

All: 708.979+/-0.095 χ^2/NDF : 5656237.1/56

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896+/-383.661 χ^2/NDF : 25.3/16

Left Out: 1050.605+/-218.810 χ^2/NDF : 28.1/11

Right Out: -683.612+/-372.418 χ^2/NDF : 7.8/17

Left In: -17.539+/-221.395 χ^2/NDF : 7.5/9

Left: 522.807+/-155.628 χ^2/NDF : 47.5/21

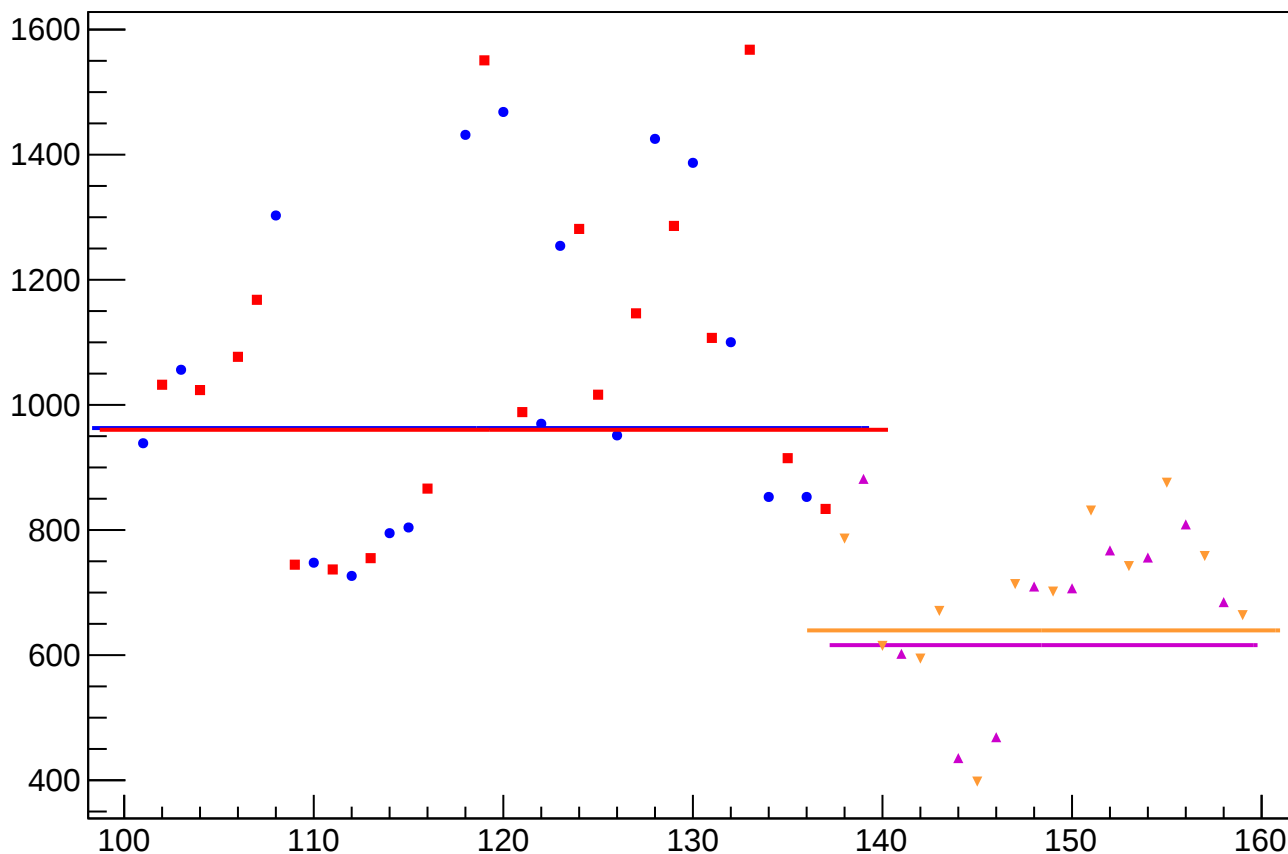
Right: -171.066+/-267.226 χ^2/NDF : 36.9/34

In: 79.996+/-191.758 χ^2/NDF : 33.6/26

Out: 605.575+/-188.657 χ^2/NDF : 52.0/29

All: 347.070+/-134.484 χ^2/NDF : 89.4/56

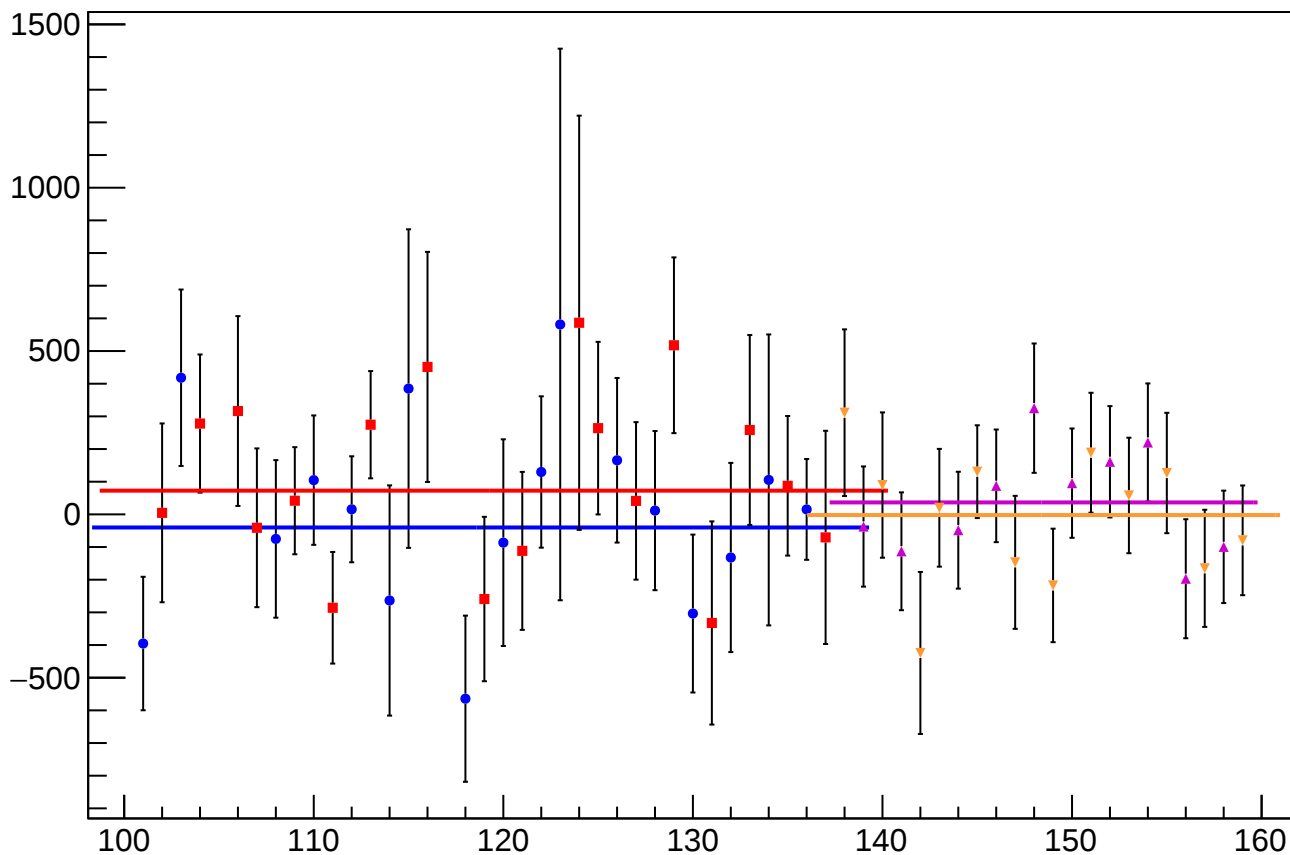
asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 $\pm$ 0.271 χ^2/NDF : 667521.9/16
 Left Out: 639.530 $\pm$ 0.155 χ^2/NDF : 914538.6/11
 Right Out: 960.218 $\pm$ 0.263 χ^2/NDF : 671009.3/17
 Left In: 615.978 $\pm$ 0.157 χ^2/NDF : 866459.4/9

Left: 627.893 $\pm$ 0.110 χ^2/NDF : 1792447.2/21
 Right: 961.553 $\pm$ 0.189 χ^2/NDF : 1338584.2/34
 In: 702.661 $\pm$ 0.136 χ^2/NDF : 2761260.5/26
 Out: 721.824 $\pm$ 0.133 χ^2/NDF : 2687964.4/29
 All: 712.399 $\pm$ 0.095 χ^2/NDF : 5459374.6/56

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: -2.089 ± 53.673 $\chi^2/\text{NDF}: 10.2/11$

Right Out: 72.607 ± 56.313 $\chi^2/\text{NDF}: 17.6/17$

Left In: 36.602 ± 56.313 $\chi^2/\text{NDF}: 7.2/9$

Left: 16.329 ± 38.852 $\chi^2/\text{NDF}: 17.7/21$

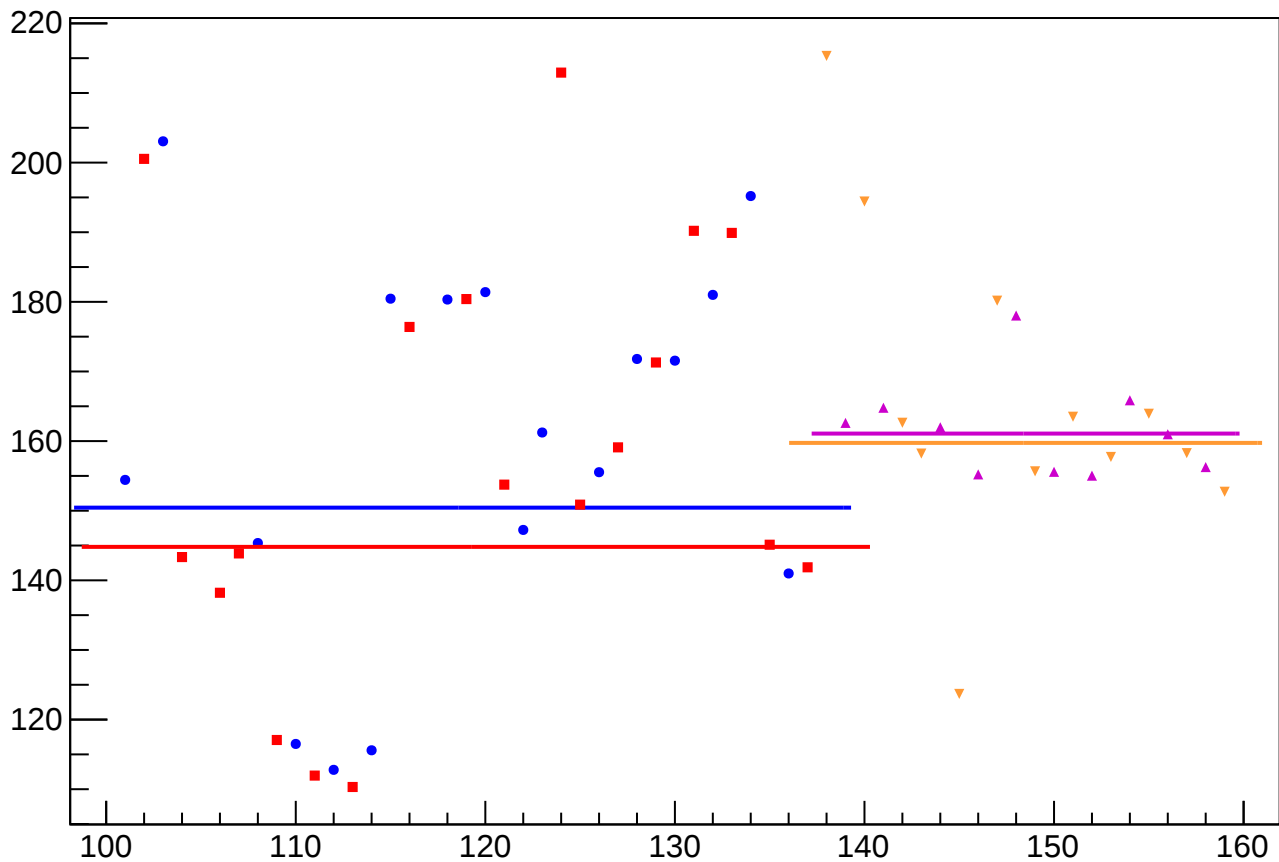
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 0.193 ± 40.820 $\chi^2/\text{NDF}: 23.4/26$

Out: 33.467 ± 38.852 $\chi^2/\text{NDF}: 28.7/29$

All: 17.651 ± 28.143 $\chi^2/\text{NDF}: 52.5/56$

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: 159.742 $\pm$ 0.038 χ^2/NDF :299805.3/11

Right Out: 144.807 $\pm$ 0.040 χ^2/NDF : 503863.1/17

Left In: 161.079 $\pm$ 0.040 χ^2/NDF :25651.5/9

Left: 160.378 $\pm$ 0.027 χ^2/NDF : 326048.2/21

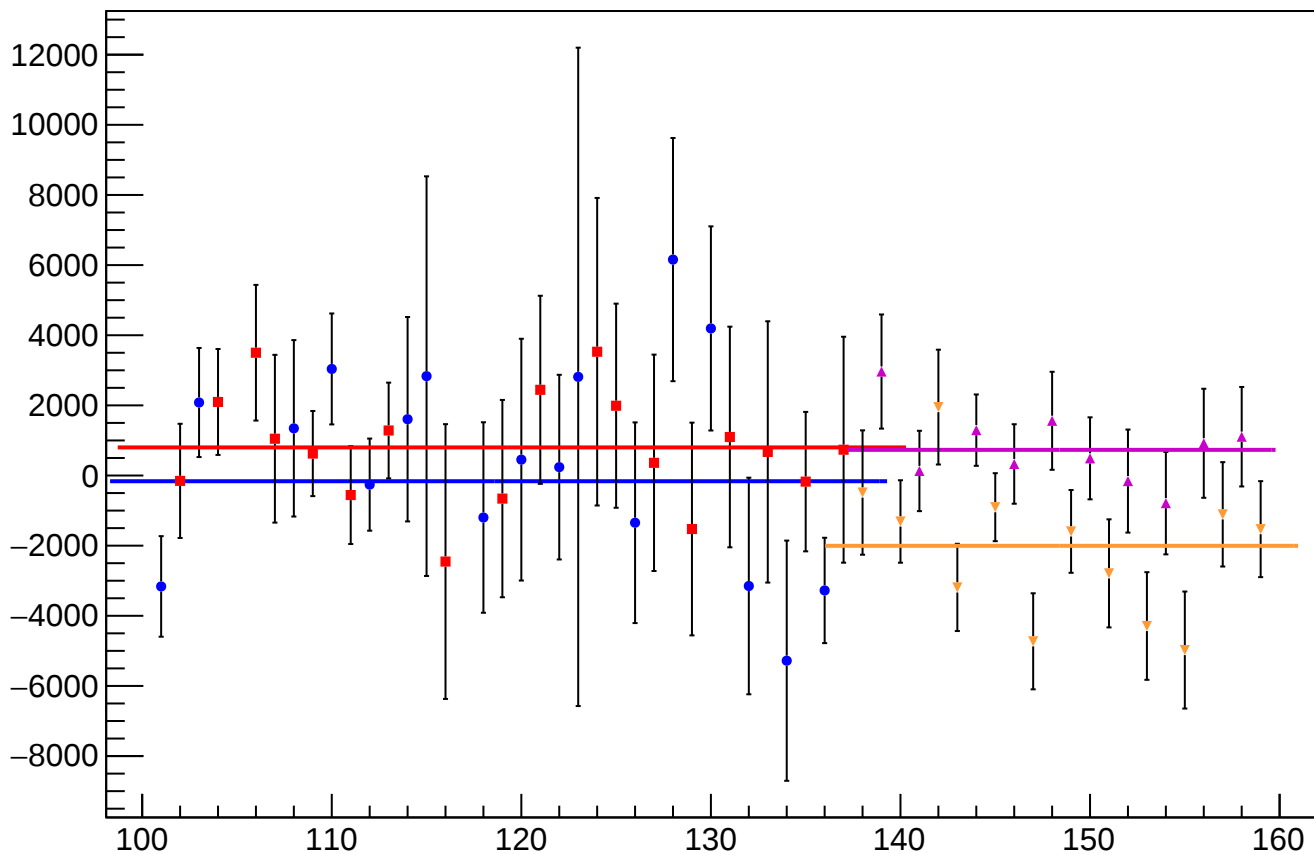
Right: 147.481 $\pm$ 0.029 χ^2/NDF : 913486.7/34

In: 156.031 $\pm$ 0.029 χ^2/NDF :459641.3/26

Out: 152.633 $\pm$ 0.027 χ^2/NDF :877377.0/29

All: 154.248 $\pm$ 0.020 χ^2/NDF : 1344292.3/56

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 $\pm$ 533.165 χ^2 /NDF: 25.1/16

Left Out: -2004.495 $\pm$ 390.214 χ^2 /NDF:19.3/11

Right Out: 801.139 $\pm$ 486.610 χ^2 /NDF: 6.9/17

Left In: 731.853 $\pm$ 409.254 χ^2 /NDF:4.5/9

Left: -701.451 $\pm$ 282.414 χ^2 /NDF: 47.3/21

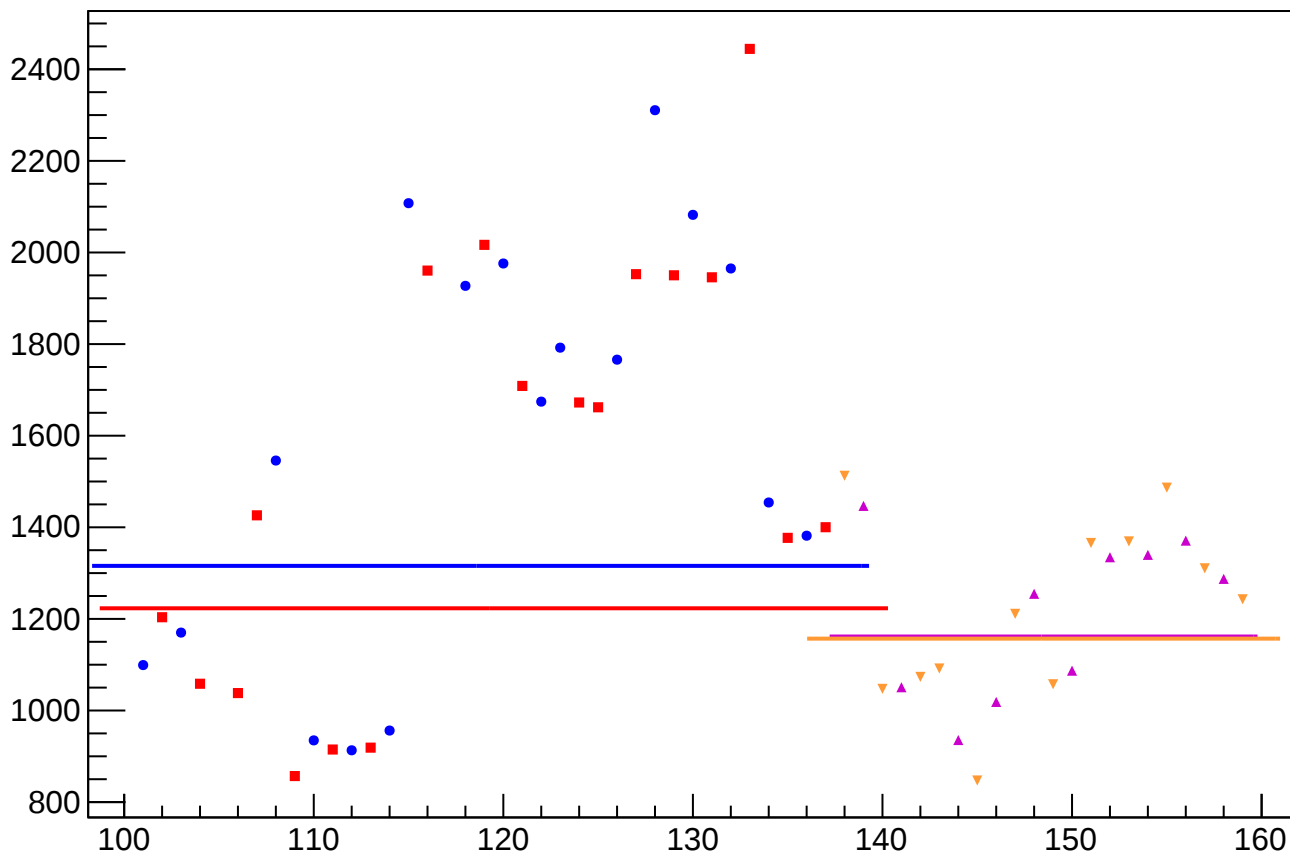
Right: 363.081 $\pm$ 359.419 χ^2 /NDF: 33.7/34

In: 400.155 $\pm$ 324.641 χ^2 /NDF:31.4/26

Out: -906.439 $\pm$ 304.423 χ^2 /NDF:46.4/29

All: -295.092 $\pm$ 222.063 χ^2 /NDF: 86.4/56

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: 1156.923 $\pm$ 0.276 χ^2 /NDF: 512395.3/11

Right Out: 1223.179 $\pm$ 0.344 χ^2 /NDF: 1363055.0/17

Left In: 1161.551 $\pm$ 0.289 χ^2 /NDF: 337158.2/9

Left: 1159.127 $\pm$ 0.200 χ^2 /NDF: 849687.5/21

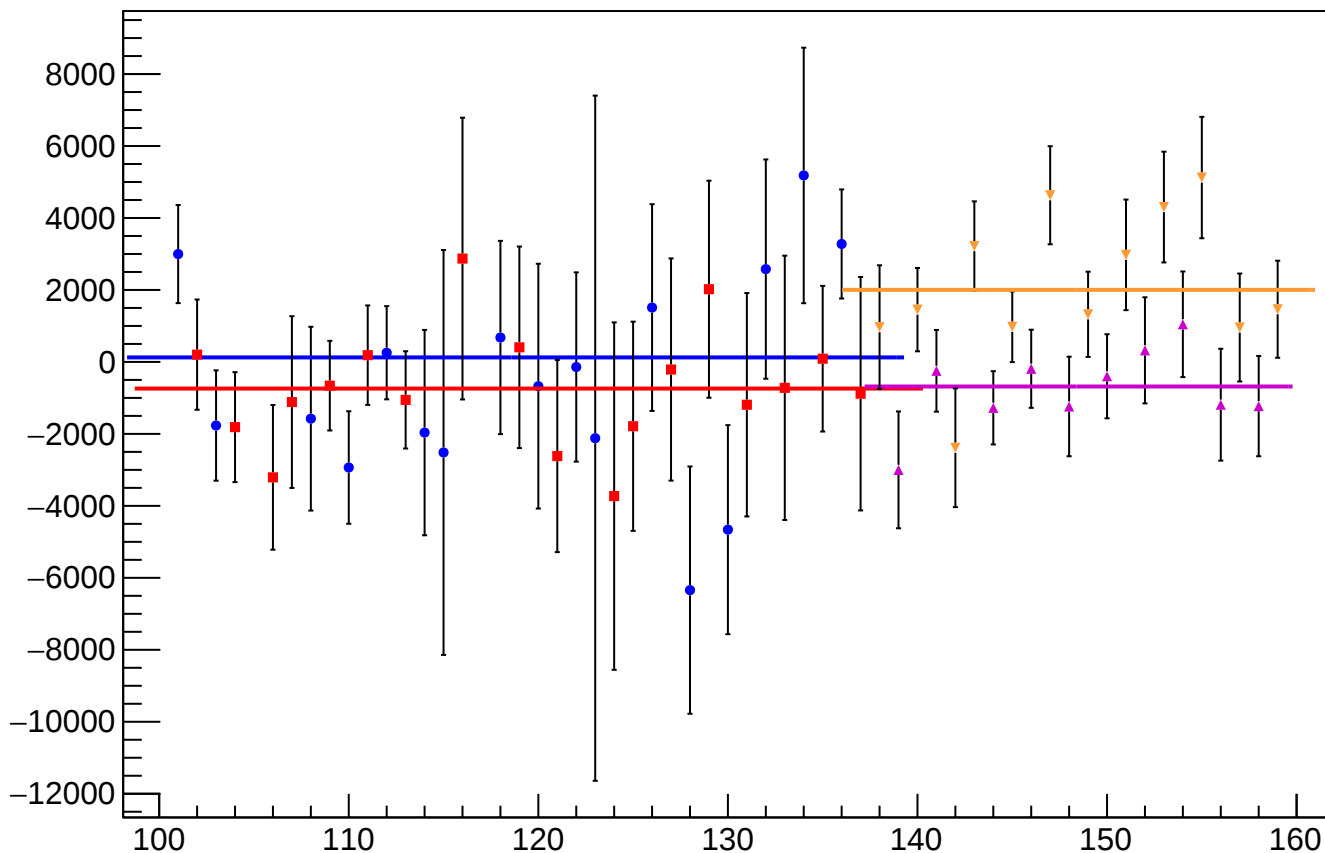
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1218.734 $\pm$ 0.230 χ^2 /NDF: 1560818.0/26

Out: 1182.854 $\pm$ 0.215 χ^2 /NDF: 1898016.9/29

All: 1199.642 $\pm$ 0.157 χ^2 /NDF: 3471834.5/56

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 125.377+/-526.801 χ^2/NDF : 24.7/16

Left Out: 2003.072+/-389.933 χ^2/NDF : 20.5/11

Right Out: -739.954+/-486.808 χ^2/NDF : 6.0/17

Left In: -683.052+/-405.674 χ^2/NDF : 5.1/9

Left: 713.134+/-281.125 χ^2/NDF : 48.3/21

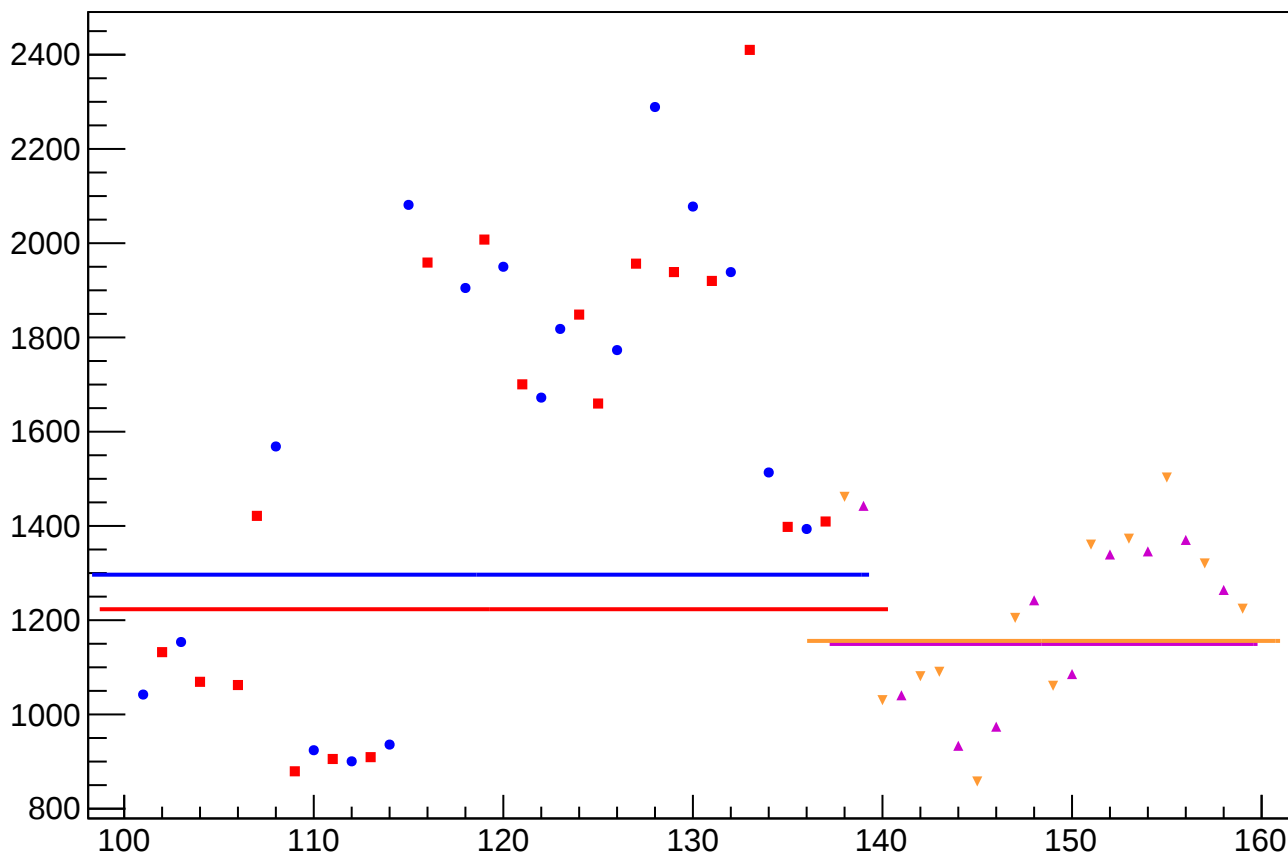
Right: -341.379+/-357.529 χ^2/NDF : 32.1/34

In: -382.109+/-321.417 χ^2/NDF : 31.2/26

Out: 930.991+/-304.338 χ^2/NDF : 45.8/29

All: 310.253+/-220.991 χ^2/NDF : 85.8/56

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2 /NDF: 1175465.2/16

Left Out: 1156.048 $\pm$ 0.276 χ^2 /NDF: 485015.6/11

Right Out: 1223.274 $\pm$ 0.344 χ^2 /NDF: 1346689.2/17

Left In: 1149.574 $\pm$ 0.287 χ^2 /NDF: 363772.3/9

Left: 1152.939 $\pm$ 0.199 χ^2 /NDF: 849052.7/21

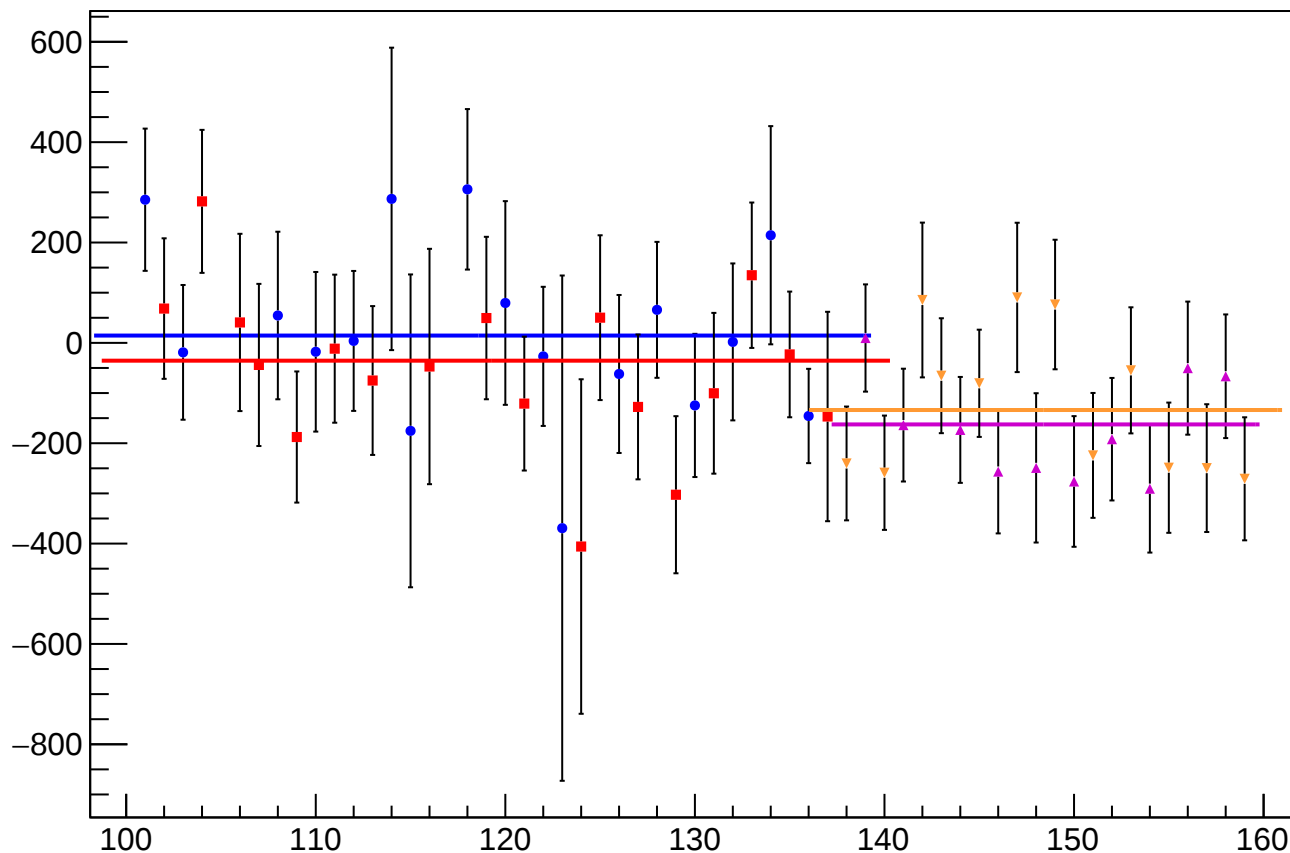
Right: 1257.036 $\pm$ 0.253 χ^2 /NDF: 2543039.6/34

In: 1204.295 $\pm$ 0.227 χ^2 /NDF: 1636995.1/26

Out: 1182.323 $\pm$ 0.215 χ^2 /NDF: 1854939.1/29

All: 1192.710 $\pm$ 0.156 χ^2 /NDF: 3496862.6/56

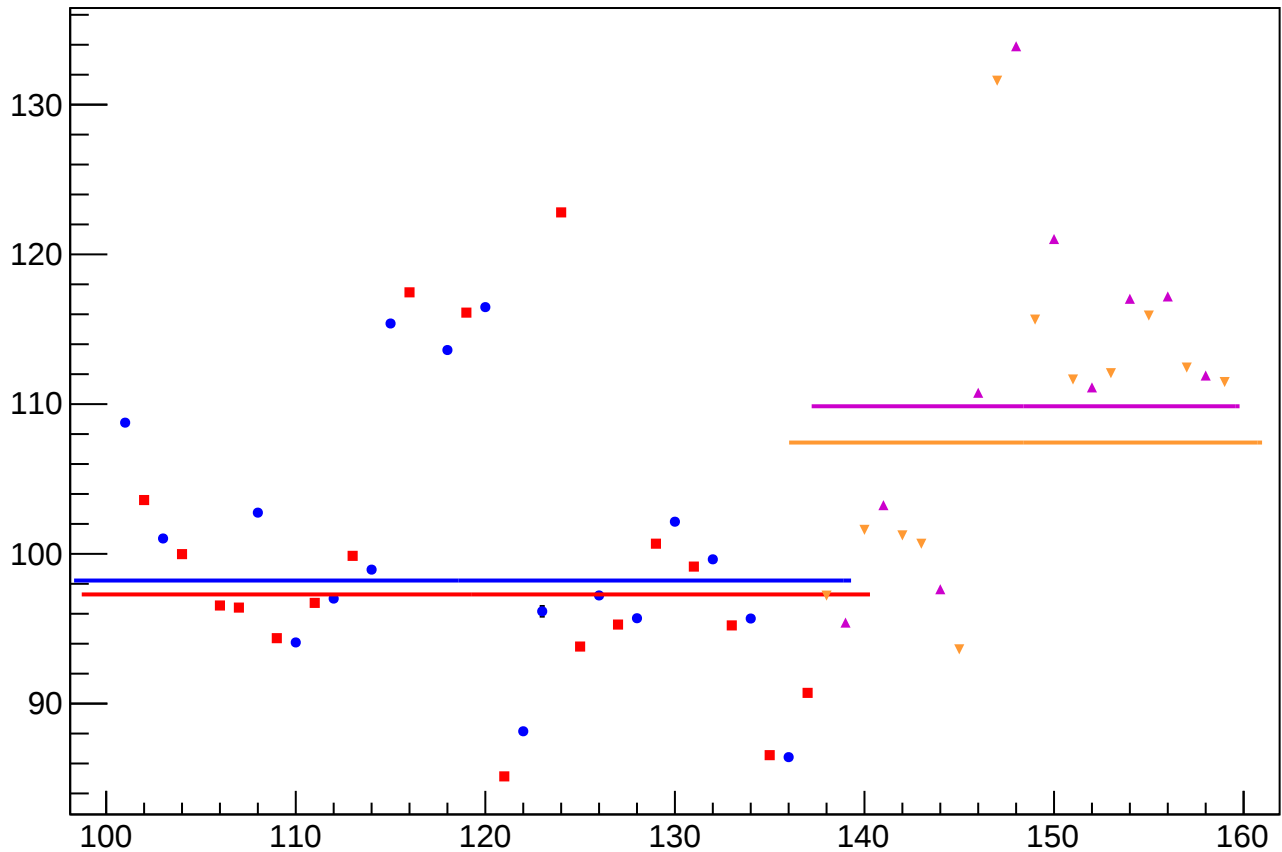
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 $\chi^2/\text{NDF}: 14.2/16$
 Left Out: -133.794 ± 35.775 $\chi^2/\text{NDF}: 13.4/11$
 Right Out: -35.475 ± 36.728 $\chi^2/\text{NDF}: 14.5/17$
 Left In: -162.508 ± 38.405 $\chi^2/\text{NDF}: 6.7/9$

Left: -147.134 ± 26.177 $\chi^2/\text{NDF}: 20.4/21$
 Right: -11.312 ± 26.414 $\chi^2/\text{NDF}: 29.6/34$
 In: -73.066 ± 27.018 $\chi^2/\text{NDF}: 31.6/26$
 Out: -85.927 ± 25.627 $\chi^2/\text{NDF}: 31.6/29$
 All: -79.836 ± 18.593 $\chi^2/\text{NDF}: 63.3/56$

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.434+/-0.025 χ^2/NDF : 144741.0/11

Right Out: 97.290+/-0.026 χ^2/NDF : 96216.6/17

Left In: 109.857+/-0.027 χ^2/NDF : 150558.3/9

Left: 108.560+/-0.019 χ^2/NDF : 299562.0/21

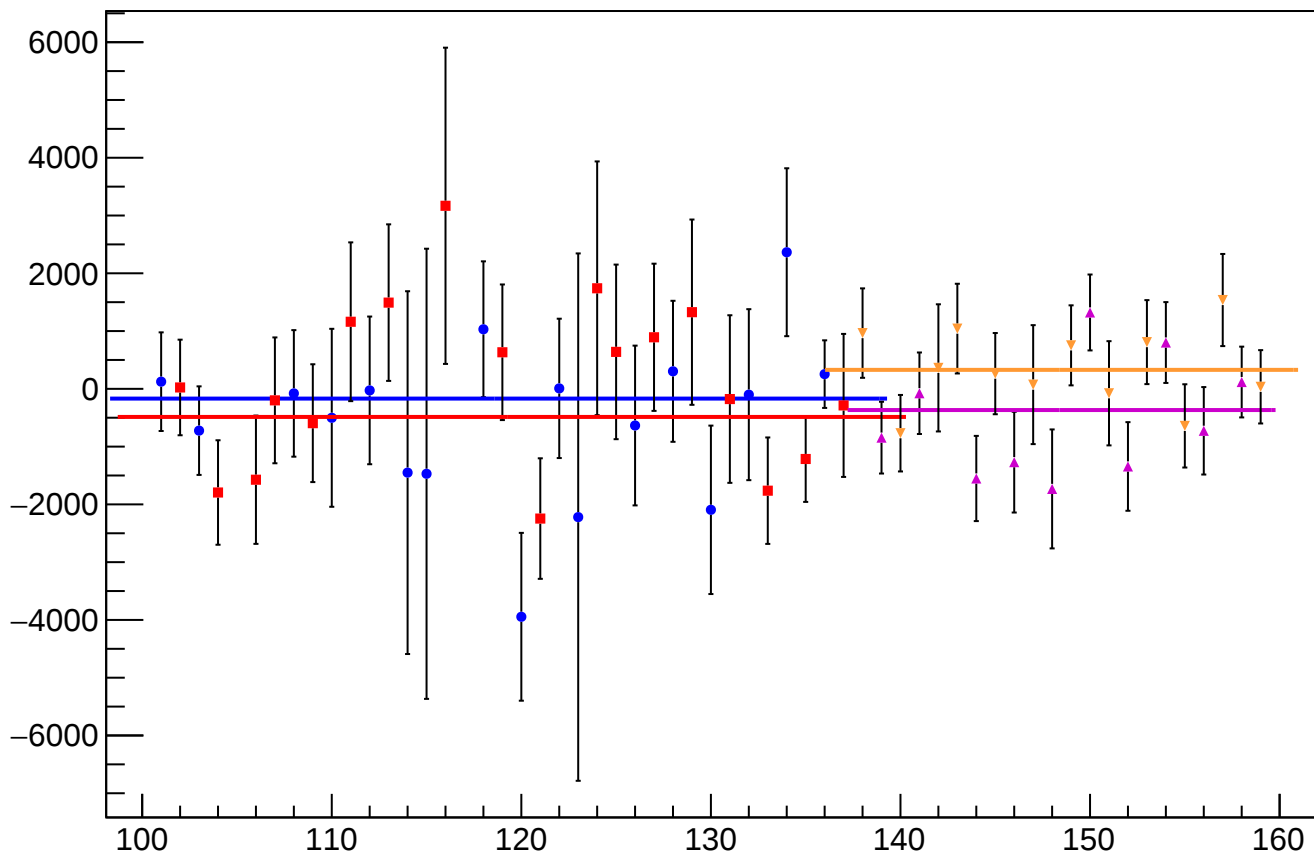
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 103.979+/-0.019 χ^2/NDF : 343833.6/26

Out: 102.496+/-0.018 χ^2/NDF : 319241.2/29

All: 103.198+/-0.013 χ^2/NDF : 666248.5/56

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 328.469 ± 220.386 χ^2/NDF : 9.7/11

Right Out: -486.312 ± 268.010 χ^2/NDF : 19.6/17

Left In: -367.043 ± 228.398 χ^2/NDF : 18.0/9

Left: -6.873 ± 158.593 χ^2/NDF : 32.5/21

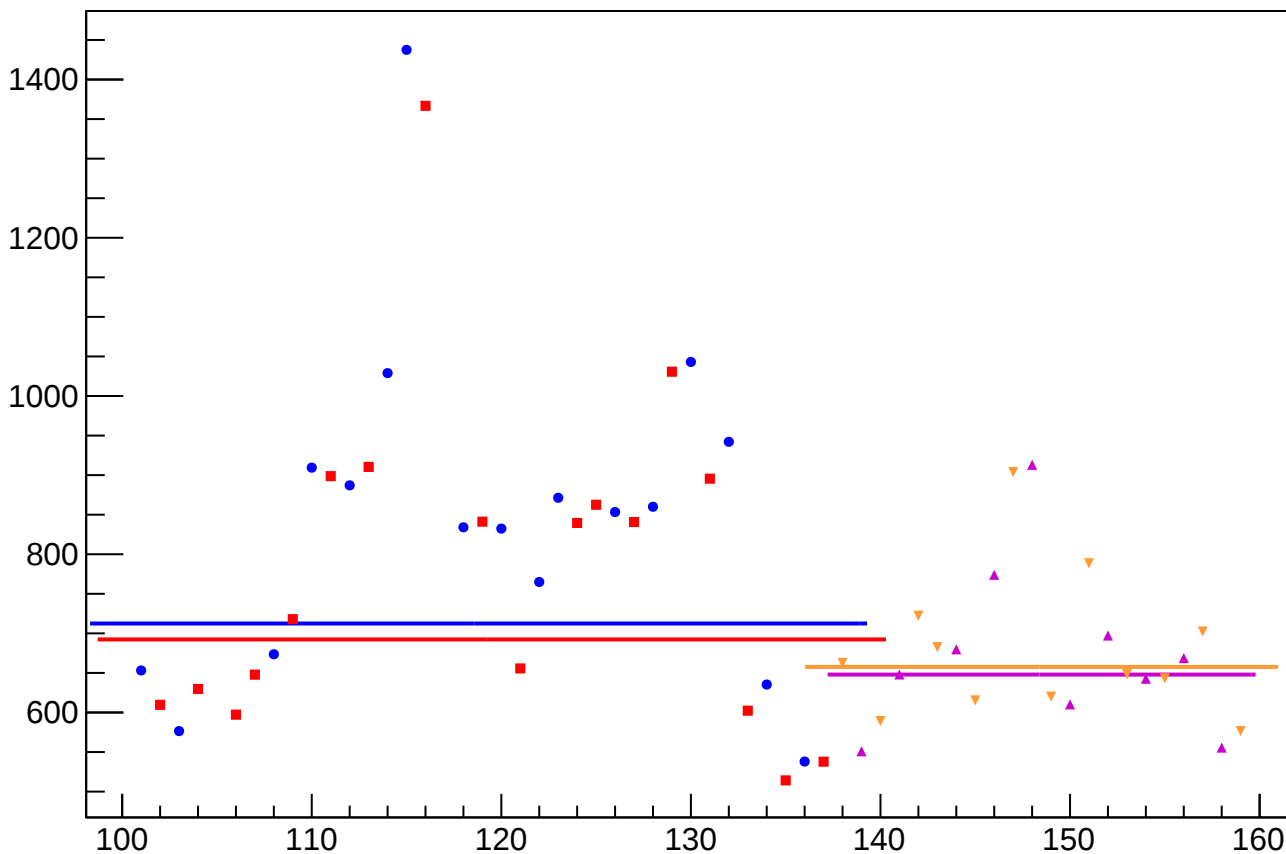
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -288.575 ± 177.531 χ^2/NDF : 32.9/26

Out: -0.220 ± 170.225 χ^2/NDF : 34.8/29

All: -138.341 ± 122.869 χ^2/NDF : 69.1/56

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476+/-0.200 χ^2/NDF : 660520.6/16

Left Out: 657.600+/-0.156 χ^2/NDF : 240302.9/11

Right Out: 692.342+/-0.190 χ^2/NDF : 656953.1/17

Left In: 647.912+/-0.162 χ^2/NDF : 288866.4/9

Left: 652.929+/-0.112 χ^2/NDF : 531032.9/21

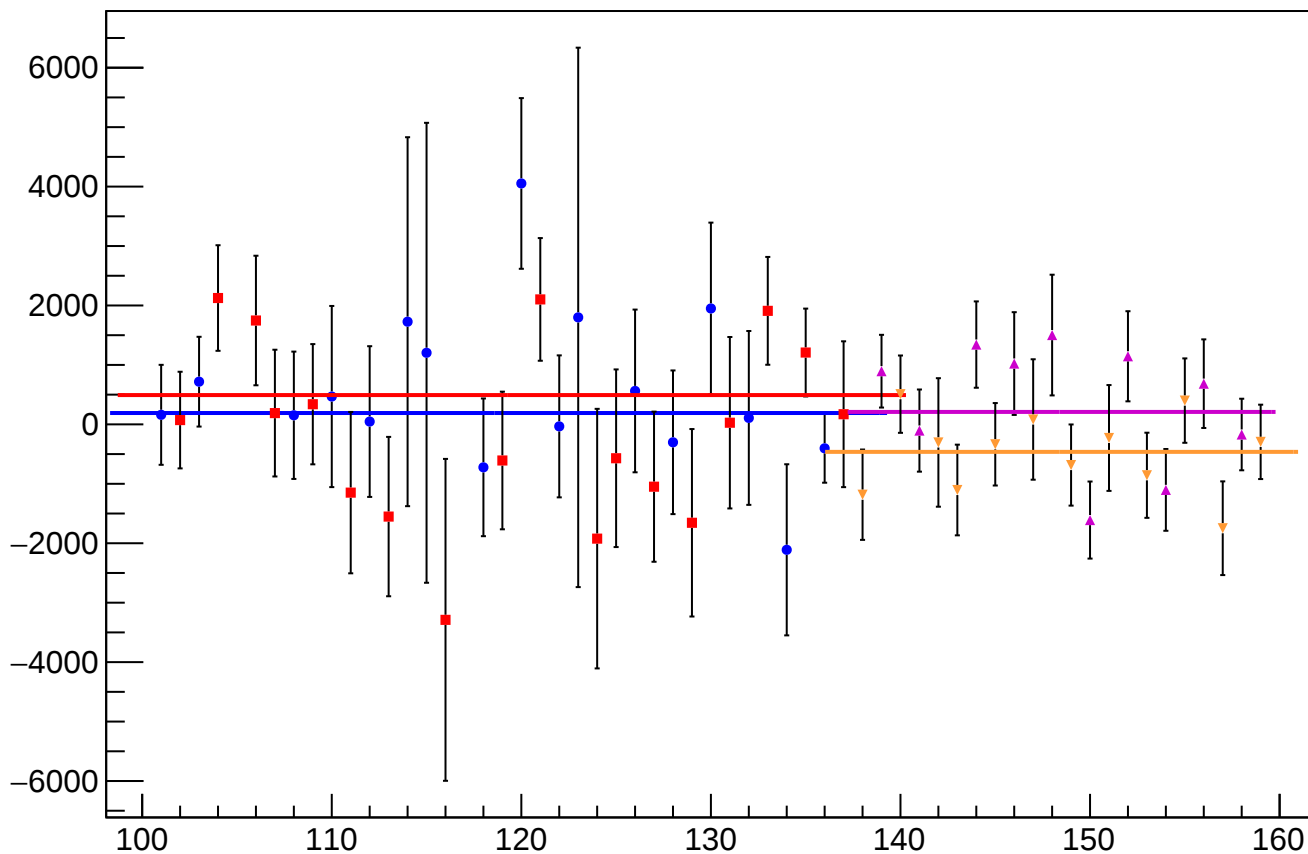
Right: 701.891+/-0.137 χ^2/NDF : 1322826.7/34

In: 673.468+/-0.126 χ^2/NDF : 1012647.2/26

Out: 671.615+/-0.120 χ^2/NDF : 917306.1/29

All: 672.503+/-0.087 χ^2/NDF : 1930066.8/56

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -462.681 $\pm$ 217.038 χ^2 /NDF:8.9/11

Right Out: 492.784 $\pm$ 264.629 χ^2 /NDF: 22.8/17

Left In: 209.205 $\pm$ 224.945 χ^2 /NDF:20.2/9

Left: -138.755 $\pm$ 156.189 χ^2 /NDF: 33.7/21

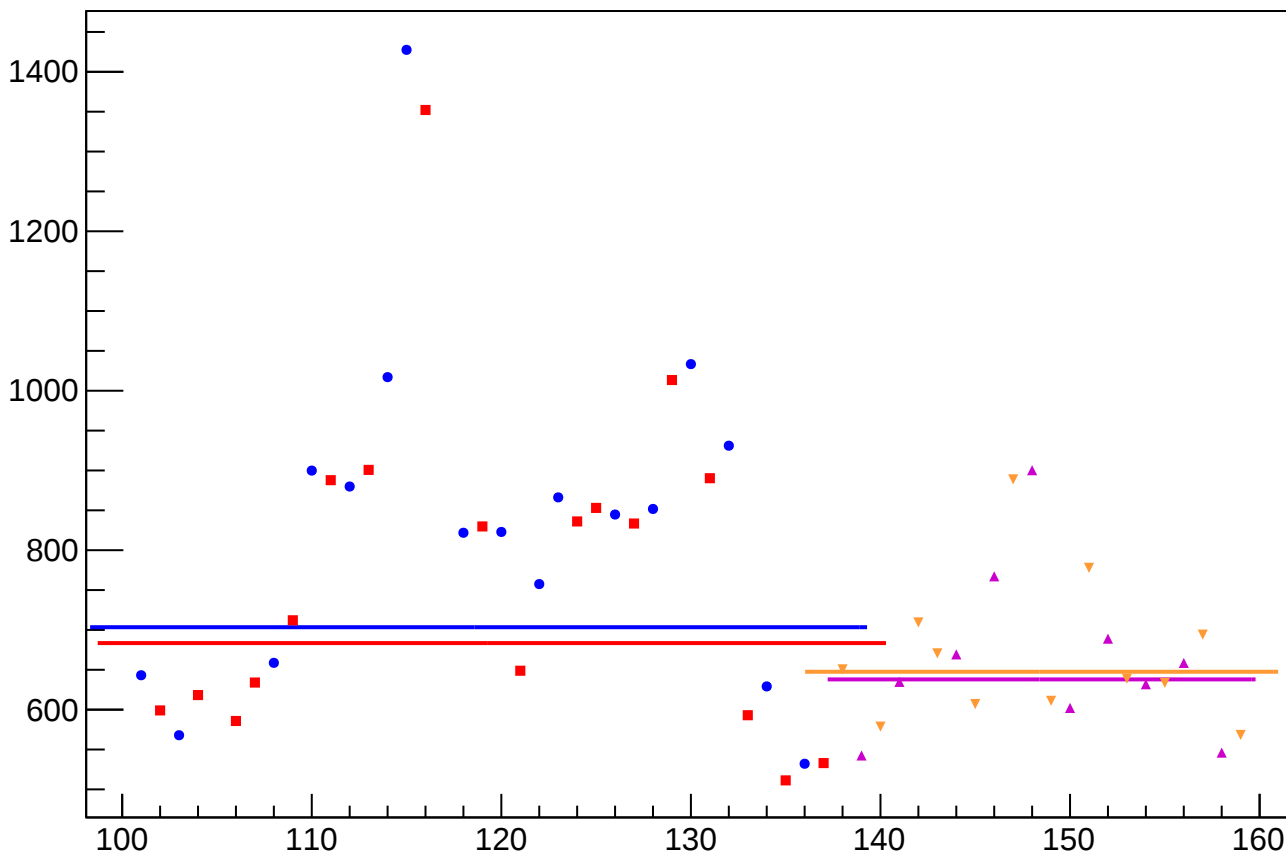
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 201.975 $\pm$ 175.035 χ^2 /NDF:34.4/26

Out: -78.442 $\pm$ 167.815 χ^2 /NDF:39.4/29

All: 55.864 $\pm$ 121.135 χ^2 /NDF: 75.2/56

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2/NDF : 666885.8/16

Left Out: 647.544 $\pm$ 0.153 χ^2/NDF : 239840.8/11

Right Out: 683.493 $\pm$ 0.187 χ^2/NDF : 659356.0/17

Left In: 637.945 $\pm$ 0.159 χ^2/NDF : 294130.3/9

Left: 642.916 $\pm$ 0.110 χ^2/NDF : 535857.1/21

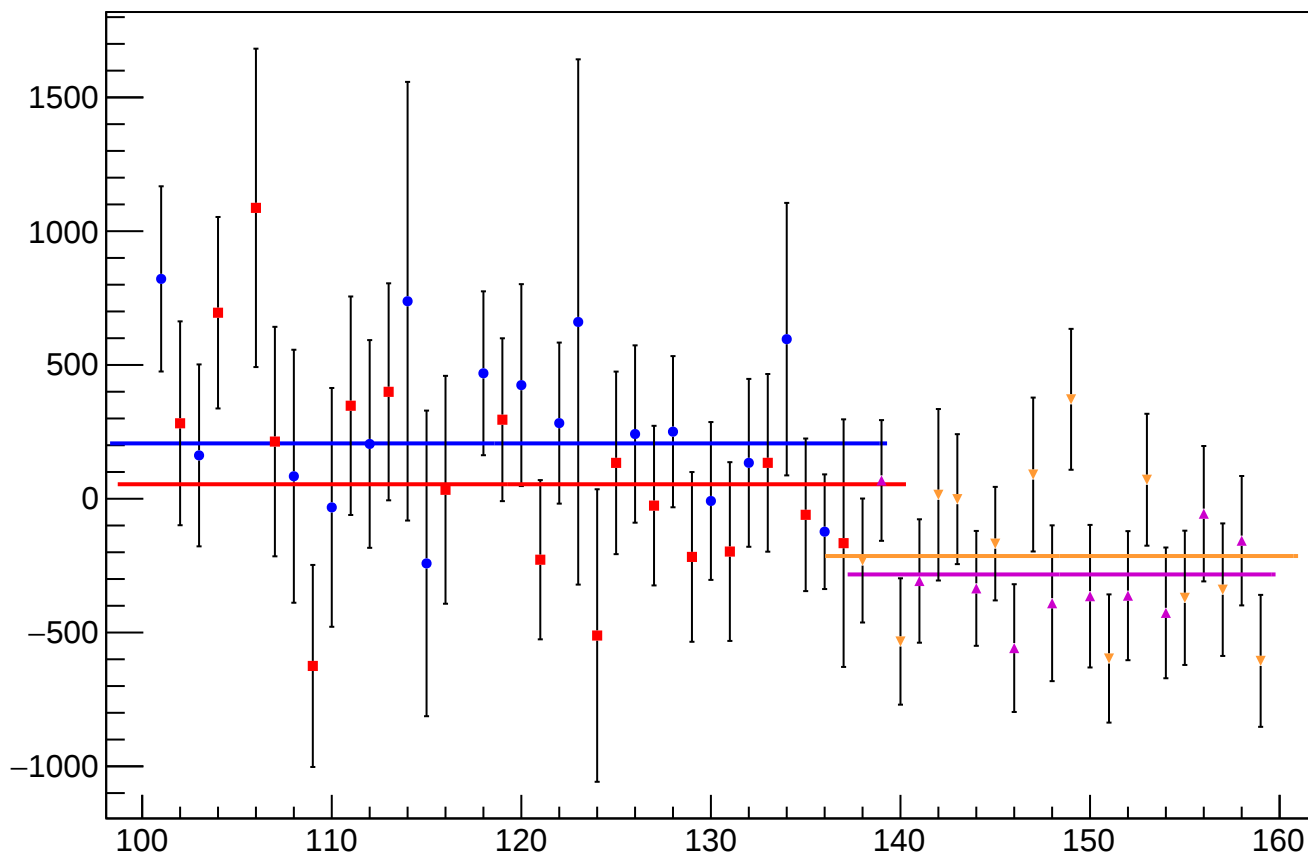
Right: 692.935 $\pm$ 0.136 χ^2/NDF : 1331611.8/34

In: 663.771 $\pm$ 0.124 χ^2/NDF : 1027837.5/26

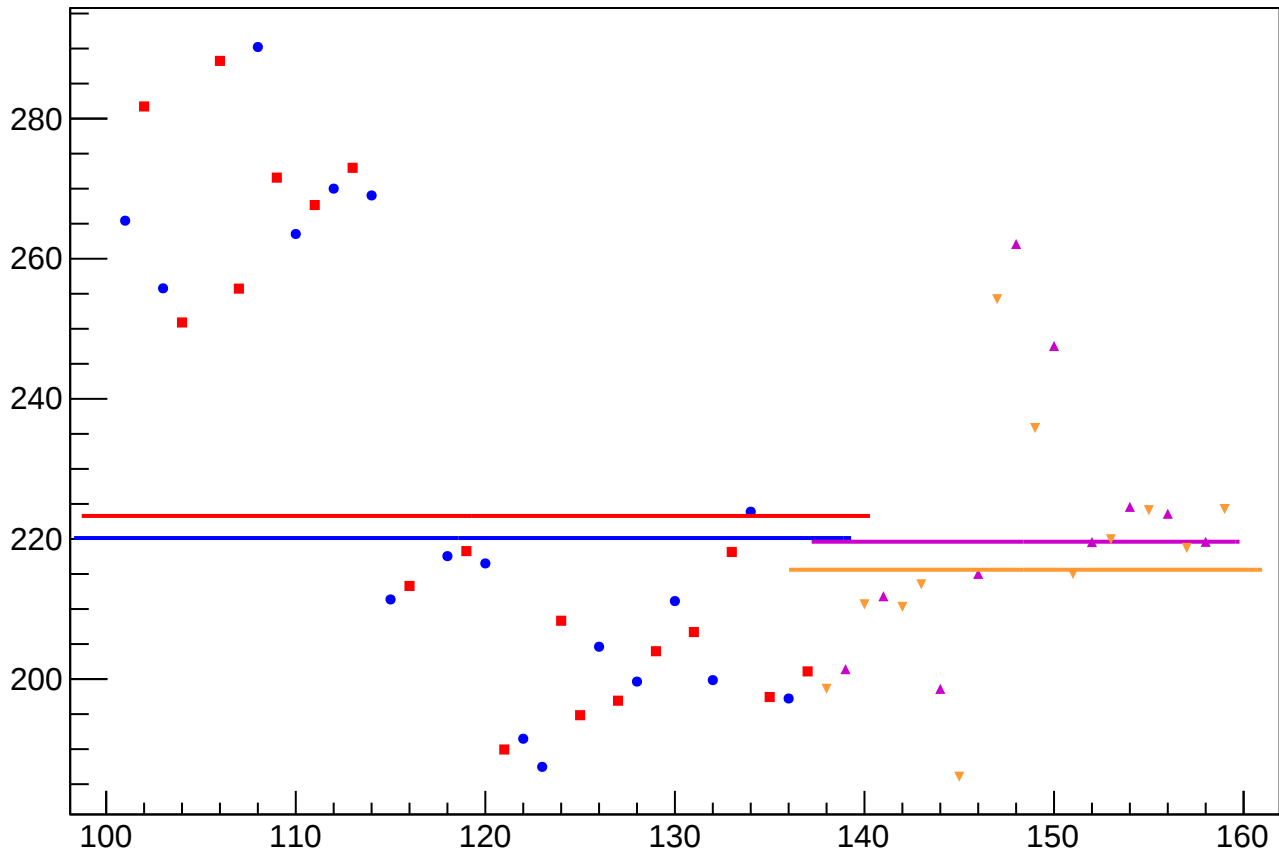
Out: 662.001 $\pm$ 0.119 χ^2/NDF : 921262.5/29

All: 662.848 $\pm$ 0.086 χ^2/NDF : 1949206.6/56

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133+/-0.061 χ^2/NDF : 228444.0/16

Left Out: 215.607+/-0.051 χ^2/NDF : 104712.7/11

Right Out: 223.287+/-0.060 χ^2/NDF : 272255.2/17

Left In: 219.607+/-0.054 χ^2/NDF : 101091.7/9

Left: 217.474+/-0.037 χ^2/NDF : 208710.7/21

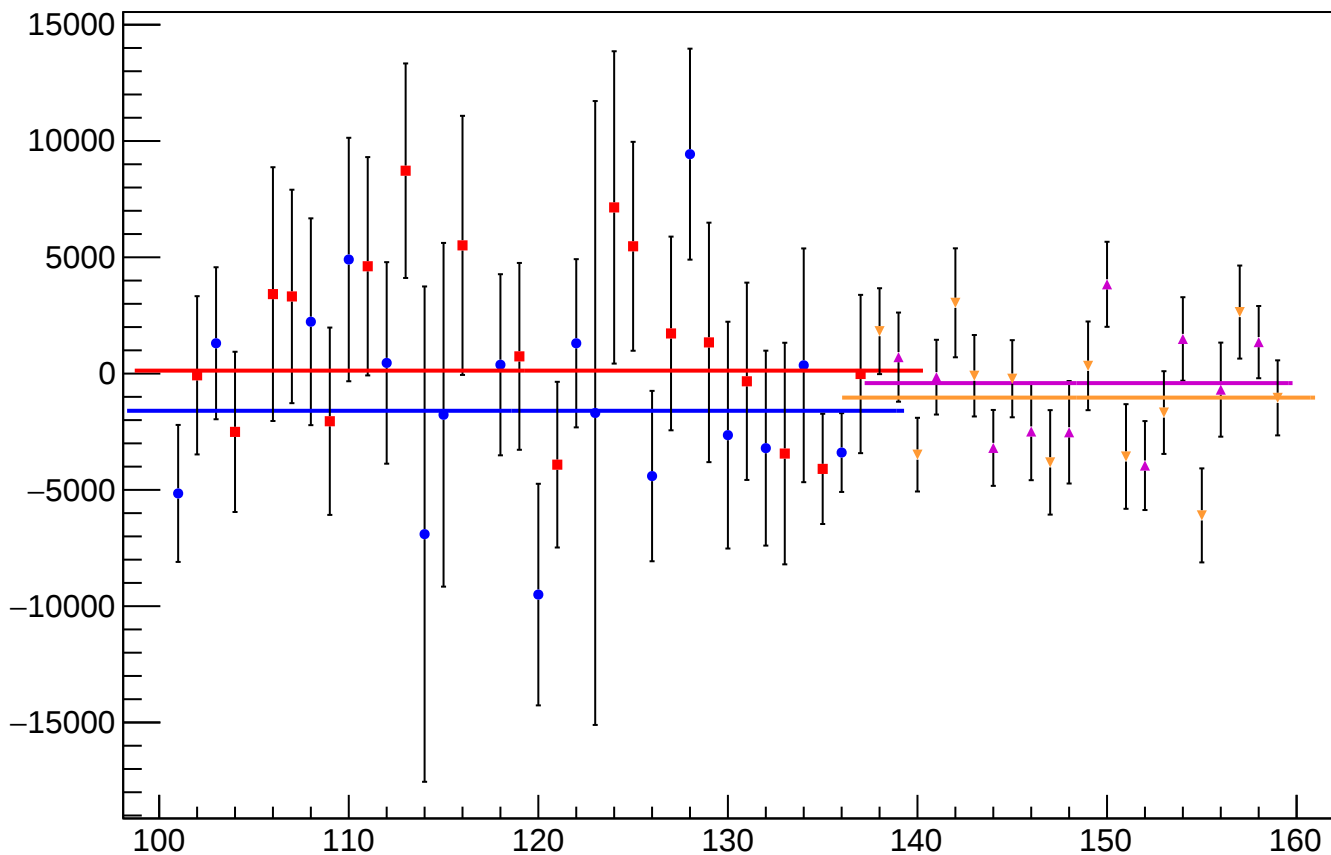
Right: 221.718+/-0.043 χ^2/NDF : 502063.5/34

In: 219.841+/-0.040 χ^2/NDF : 329577.5/26

Out: 218.792+/-0.039 χ^2/NDF : 386484.0/29

All: 219.295+/-0.028 χ^2/NDF : 716412.8/56

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: -1032.221 $\pm$ 539.989 χ^2 /NDF:21.4/11

Right Out: 127.760 $\pm$ 949.094 χ^2 /NDF: 14.8/17

Left In: -409.134 $\pm$ 576.247 χ^2 /NDF:16.4/9

Left: -740.895 $\pm$ 394.025 χ^2 /NDF: 38.5/21

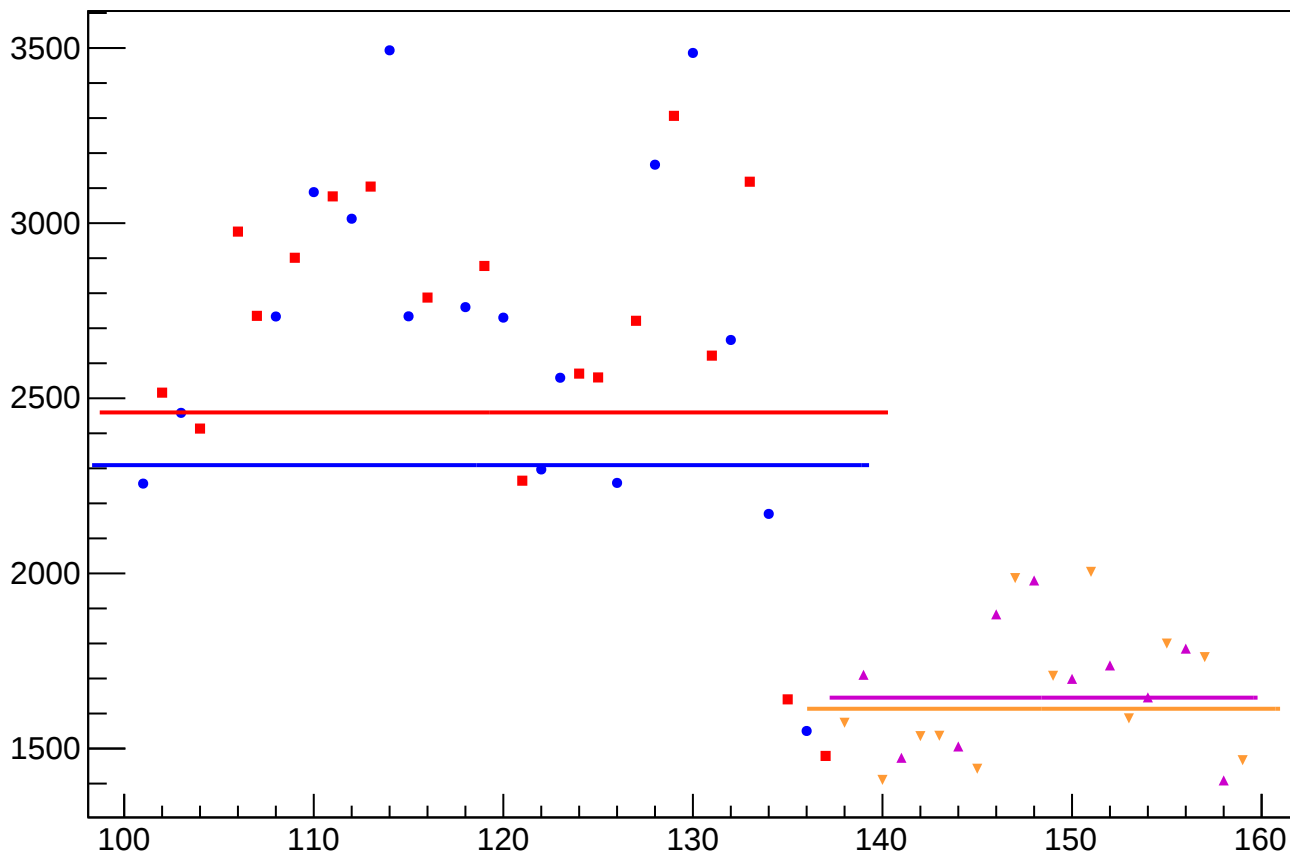
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -743.876 $\pm$ 488.514 χ^2 /NDF:34.3/26

Out: -748.553 $\pm$ 469.341 χ^2 /NDF:37.4/29

All: -746.308 $\pm$ 338.450 χ^2 /NDF: 71.7/56

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132 $\pm$ 0.651 χ^2 /NDF: 800728.2/16

Left Out: 1613.608 $\pm$ 0.382 χ^2 /NDF: 226497.7/11

Right Out: 2459.603 $\pm$ 0.671 χ^2 /NDF: 668179.2/17

Left In: 1645.287 $\pm$ 0.407 χ^2 /NDF: 173923.9/9

Left: 1628.420 $\pm$ 0.279 χ^2 /NDF: 403640.0/21

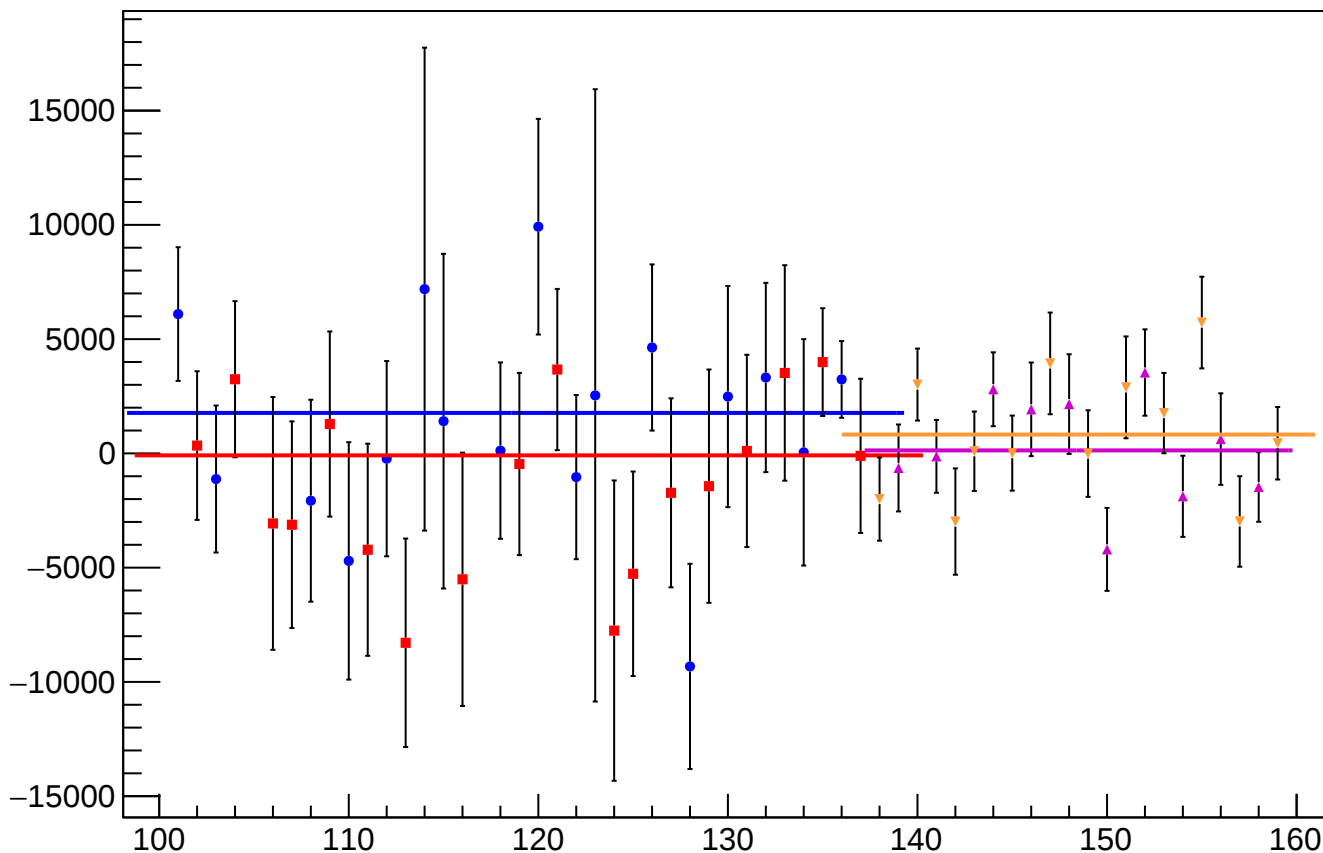
Right: 2382.111 $\pm$ 0.467 χ^2 /NDF: 1494797.0/34

In: 1832.038 $\pm$ 0.345 χ^2 /NDF: 1721343.6/26

Out: 1820.492 $\pm$ 0.332 χ^2 /NDF: 2095159.5/29

All: 1826.034 $\pm$ 0.239 χ^2 /NDF: 3817084.0/56

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 824.496+/-534.690 χ^2/NDF : 20.4/11

Right Out: -86.080+/-939.852 χ^2/NDF : 14.5/17

Left In: 130.480+/-569.585 χ^2/NDF : 16.0/9

Left: 499.397+/-389.836 χ^2/NDF : 37.2/21

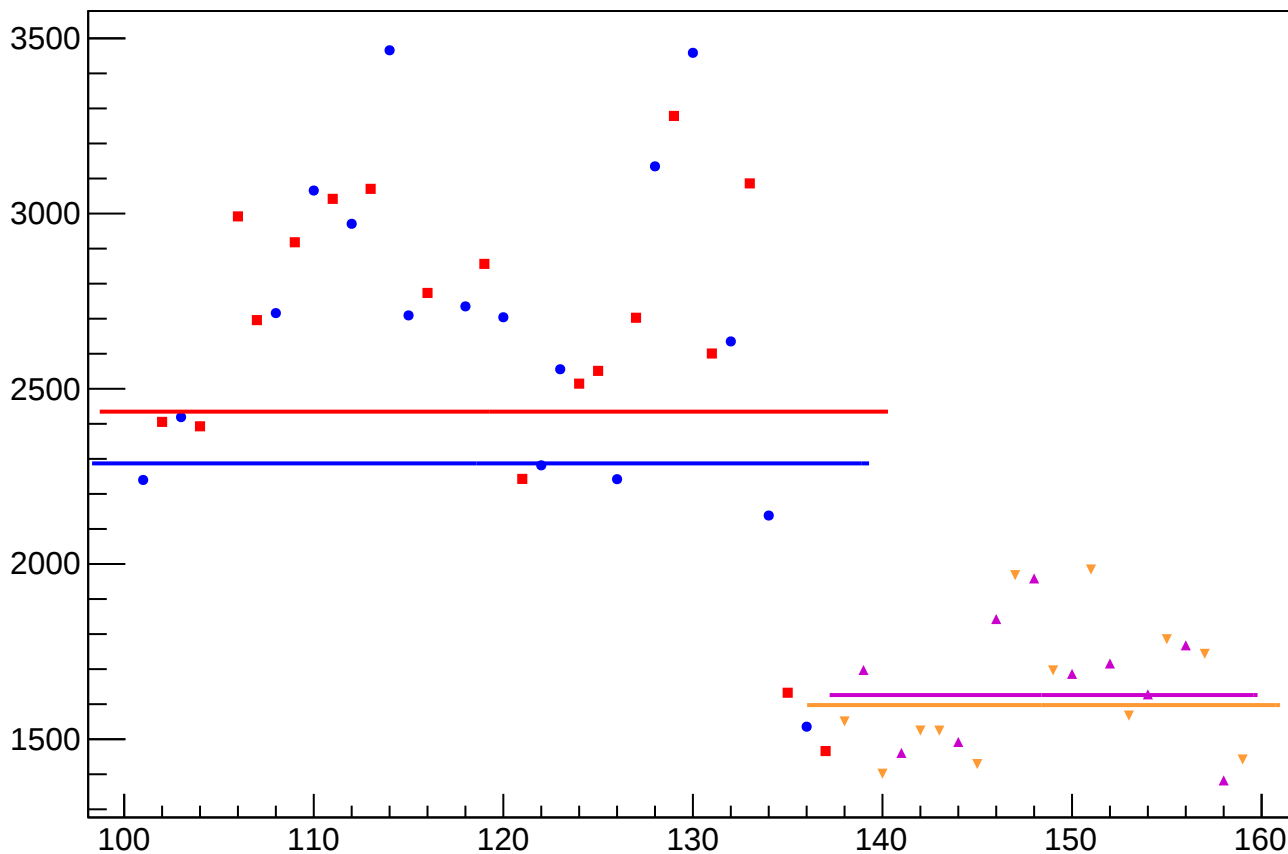
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 590.657+/-483.154 χ^2/NDF : 35.6/26

Out: 601.845+/-464.745 χ^2/NDF : 35.6/29

All: 596.468+/-334.943 χ^2/NDF : 71.2/56

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102+/-0.645 χ^2/NDF : 799399.0/16

Left Out: 1597.413+/-0.378 χ^2/NDF : 228234.9/11

Right Out: 2434.786+/-0.665 χ^2/NDF : 666938.3/17

Left In: 1626.031+/-0.403 χ^2/NDF : 174975.4/9

Left: 1610.819+/-0.276 χ^2/NDF : 405894.1/21

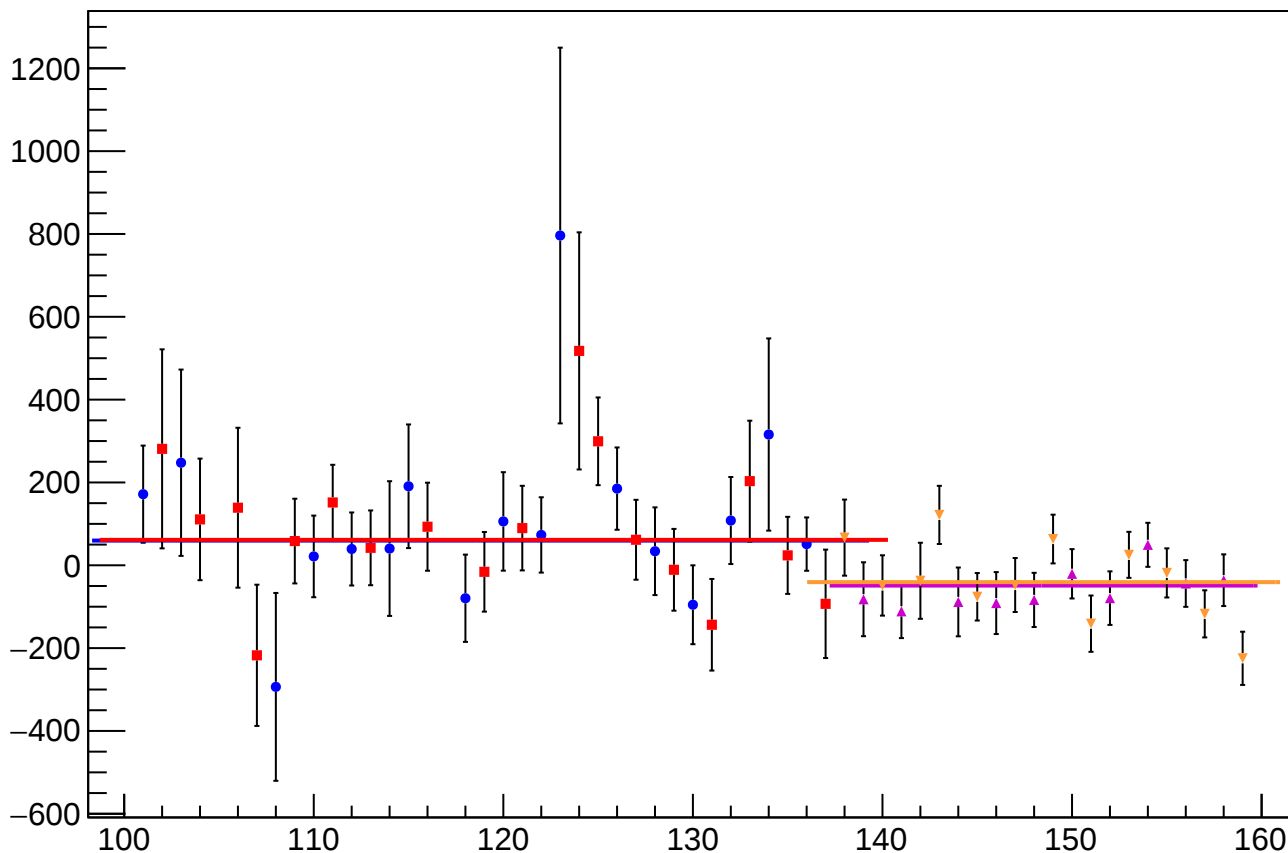
Right: 2358.750+/-0.463 χ^2/NDF : 1491762.6/34

In: 1811.434+/-0.342 χ^2/NDF : 1729952.6/26

Out: 1802.165+/-0.329 χ^2/NDF : 2094598.5/29

All: 1806.620+/-0.237 χ^2/NDF : 3824933.4/56

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: -40.689 $\pm$ 18.789 χ^2 /NDF:24.0/11

Right Out: 61.399 $\pm$ 27.011 χ^2 /NDF: 19.7/17

Left In: -48.948 $\pm$ 20.551 χ^2 /NDF:5.8/9

Left: -44.449 $\pm$ 13.867 χ^2 /NDF: 29.9/21

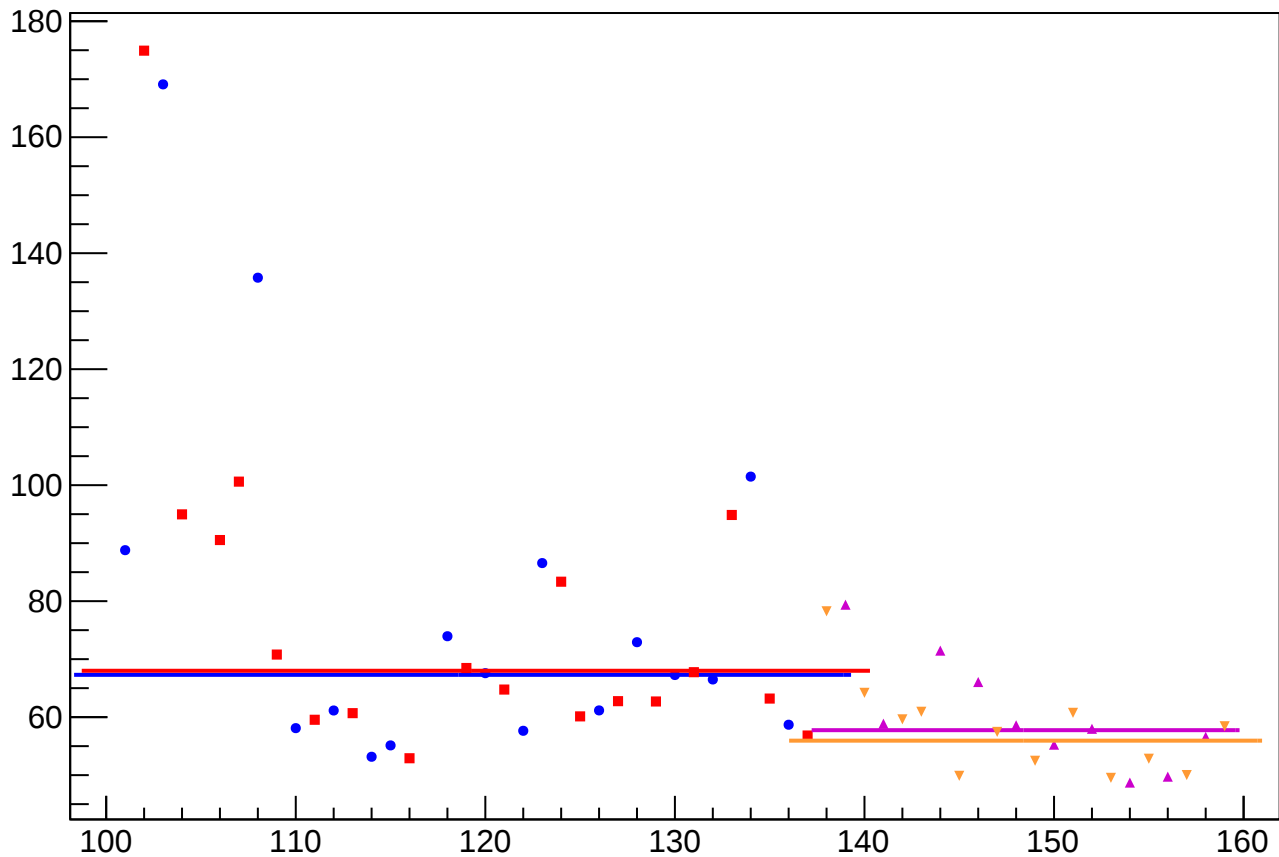
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -9.258 $\pm$ 16.370 χ^2 /NDF:31.4/26

Out: -7.399 $\pm$ 15.424 χ^2 /NDF:53.3/29

All: -8.273 $\pm$ 11.226 χ^2 /NDF: 84.7/56

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: 55.946 $\pm$ 0.013 χ^2/NDF : 254104.7/11

Right Out: 67.998 $\pm$ 0.019 χ^2/NDF : 754329.7/17

Left In: 57.754 $\pm$ 0.015 χ^2/NDF : 300043.1/9

Left: 56.769 $\pm$ 0.010 χ^2/NDF : 562575.5/21

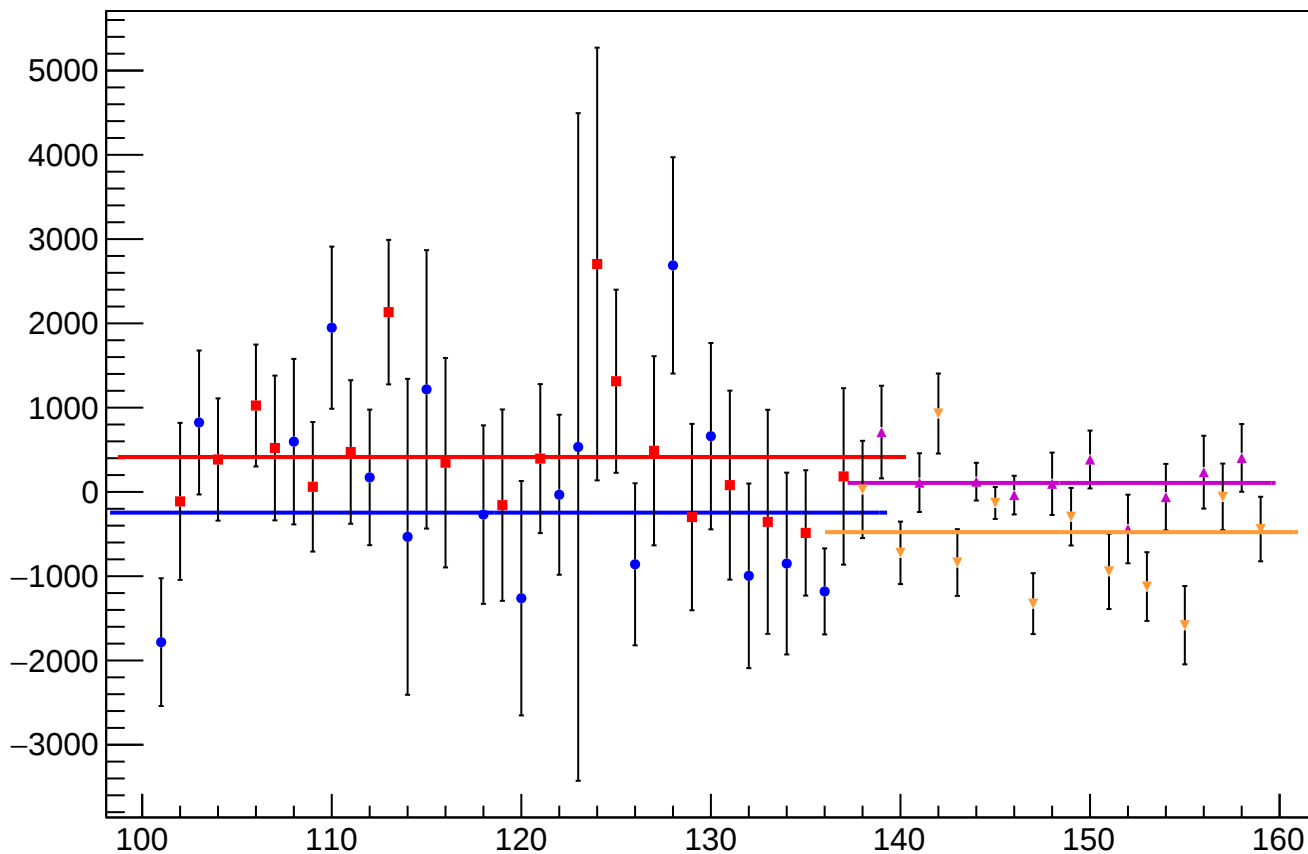
Right: 67.648 $\pm$ 0.014 χ^2/NDF : 1596354.2/34

In: 61.241 $\pm$ 0.012 χ^2/NDF : 1299012.6/26

Out: 59.876 $\pm$ 0.011 χ^2/NDF : 1276775.4/29

All: 60.518 $\pm$ 0.008 χ^2/NDF : 2583155.0/56

asym_sam_37_dd_correction_mean vs Slug, Sign Corrected



Right In: -245.631 $\pm$ 235.404 χ^2 /NDF: 23.8/16

Left Out: -477.247 $\pm$ 103.141 χ^2 /NDF:30.3/11

Right Out: 414.725 $\pm$ 222.788 χ^2 /NDF: 9.4/17

Left In: 106.969 $\pm$ 105.215 χ^2 /NDF:4.9/9

Left: -190.956 $\pm$ 73.654 χ^2 /NDF: 50.9/21

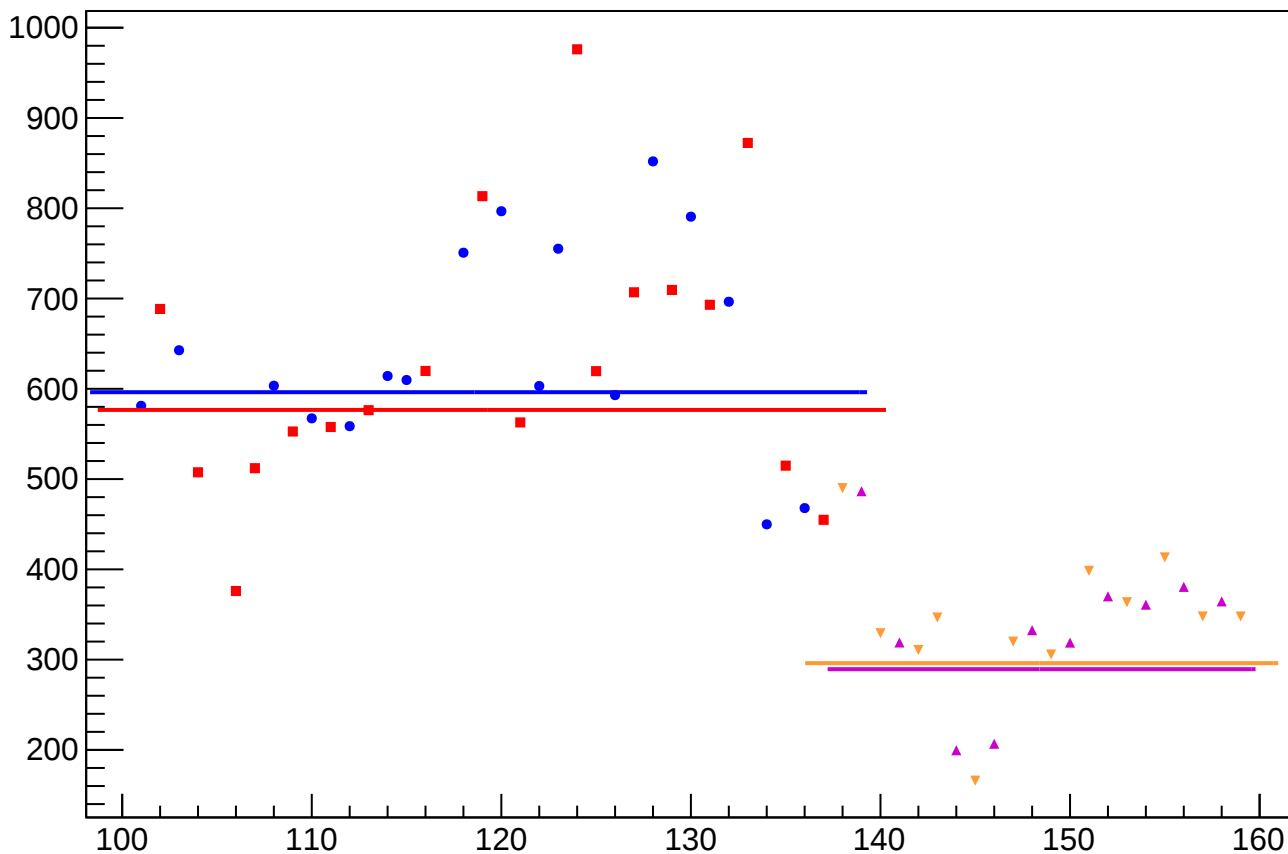
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 48.258 $\pm$ 96.057 χ^2 /NDF:30.5/26

Out: -319.816 $\pm$ 93.597 χ^2 /NDF:52.9/29

All: -140.552 $\pm$ 67.036 χ^2 /NDF: 91.0/56

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246+/-0.166 χ^2/NDF : 422153.3/16

Left Out: 296.138+/-0.073 χ^2/NDF : 1584878.4/11

Right Out: 576.614+/-0.158 χ^2/NDF : 573658.2/17

Left In: 289.431+/-0.074 χ^2/NDF : 1198300.3/9

Left: 292.851+/-0.052 χ^2/NDF : 2787323.7/21

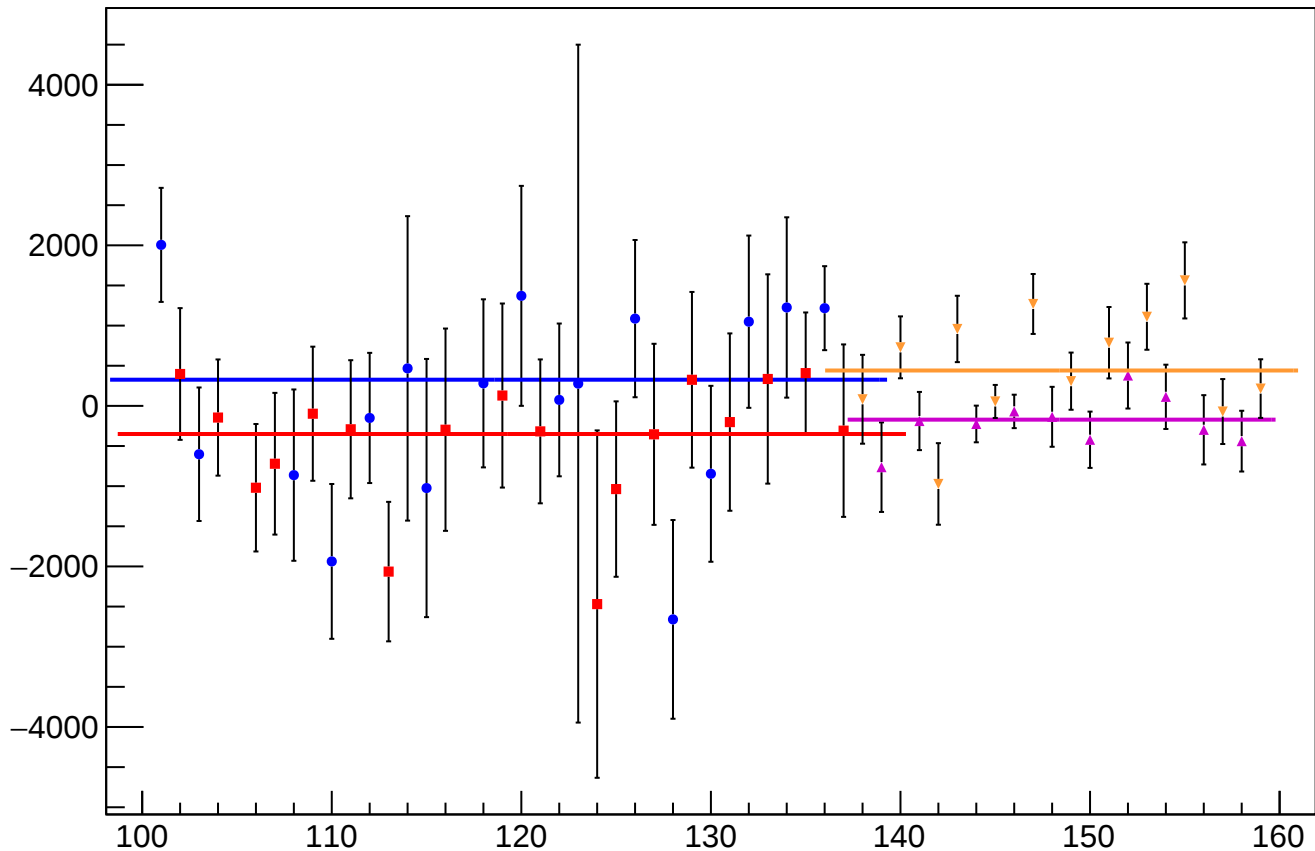
Right: 585.890+/-0.114 χ^2/NDF : 1003148.8/34

In: 340.517+/-0.068 χ^2/NDF : 4452220.3/26

Out: 345.642+/-0.066 χ^2/NDF : 4768908.3/29

All: 343.146+/-0.047 χ^2/NDF : 9224048.1/56

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 440.792 $\pm$ 106.935 χ^2 /NDF:29.7/11

Right Out: -350.392 $\pm$ 225.254 χ^2 /NDF: 9.0/17

Left In: -171.576 $\pm$ 103.774 χ^2 /NDF:4.8/9

Left: 125.423 $\pm$ 74.471 χ^2 /NDF: 51.4/21

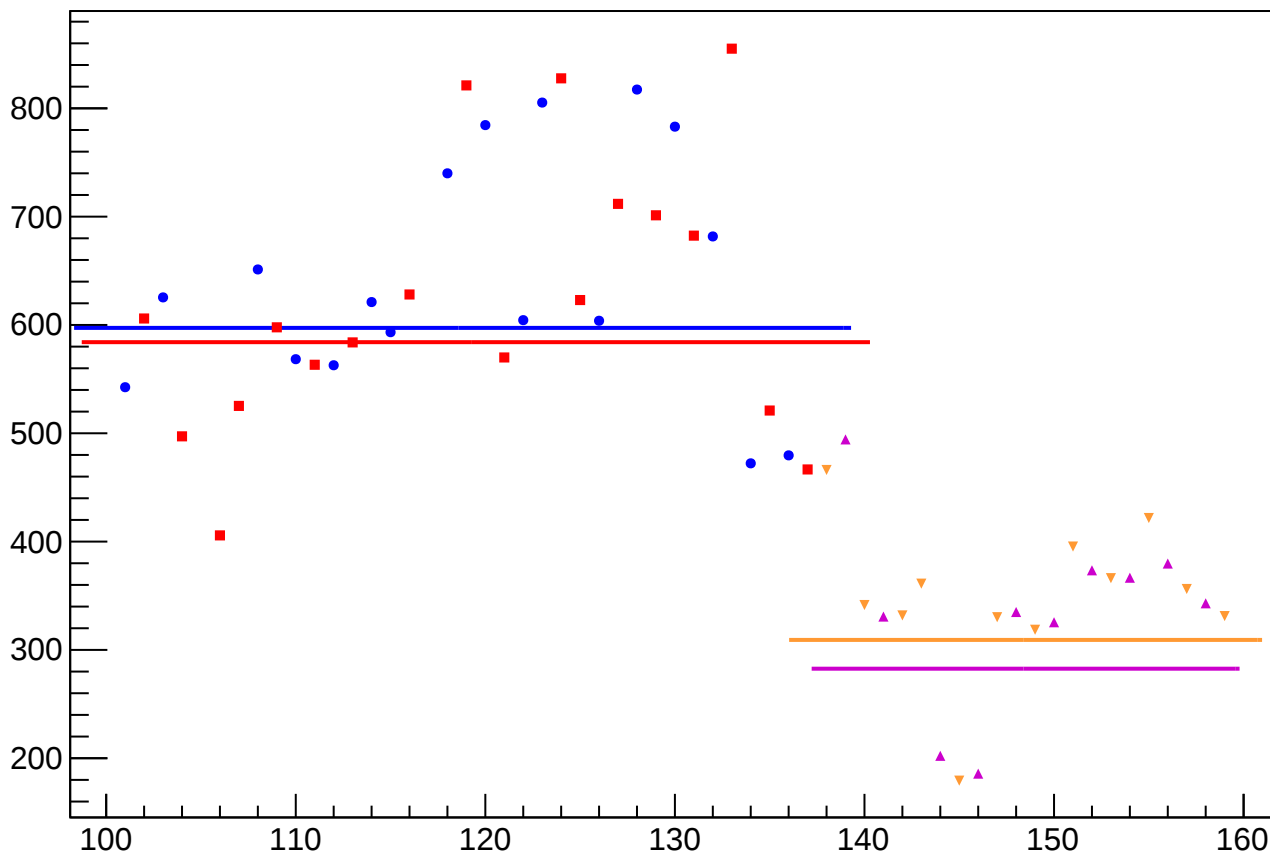
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -90.714 $\pm$ 94.969 χ^2 /NDF:35.4/26

Out: 295.279 $\pm$ 96.602 χ^2 /NDF:48.8/29

All: 98.993 $\pm$ 67.723 χ^2 /NDF: 92.3/56

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2/NDF : 363658.5/16

Left Out: 309.227 $\pm$ 0.076 χ^2/NDF :1276496.4/11

Right Out: 584.112 $\pm$ 0.159 χ^2/NDF : 446882.7/17

Left In: 282.658 $\pm$ 0.073 χ^2/NDF :1410919.6/9

Left: 295.544 $\pm$ 0.053 χ^2/NDF : 2751000.2/21

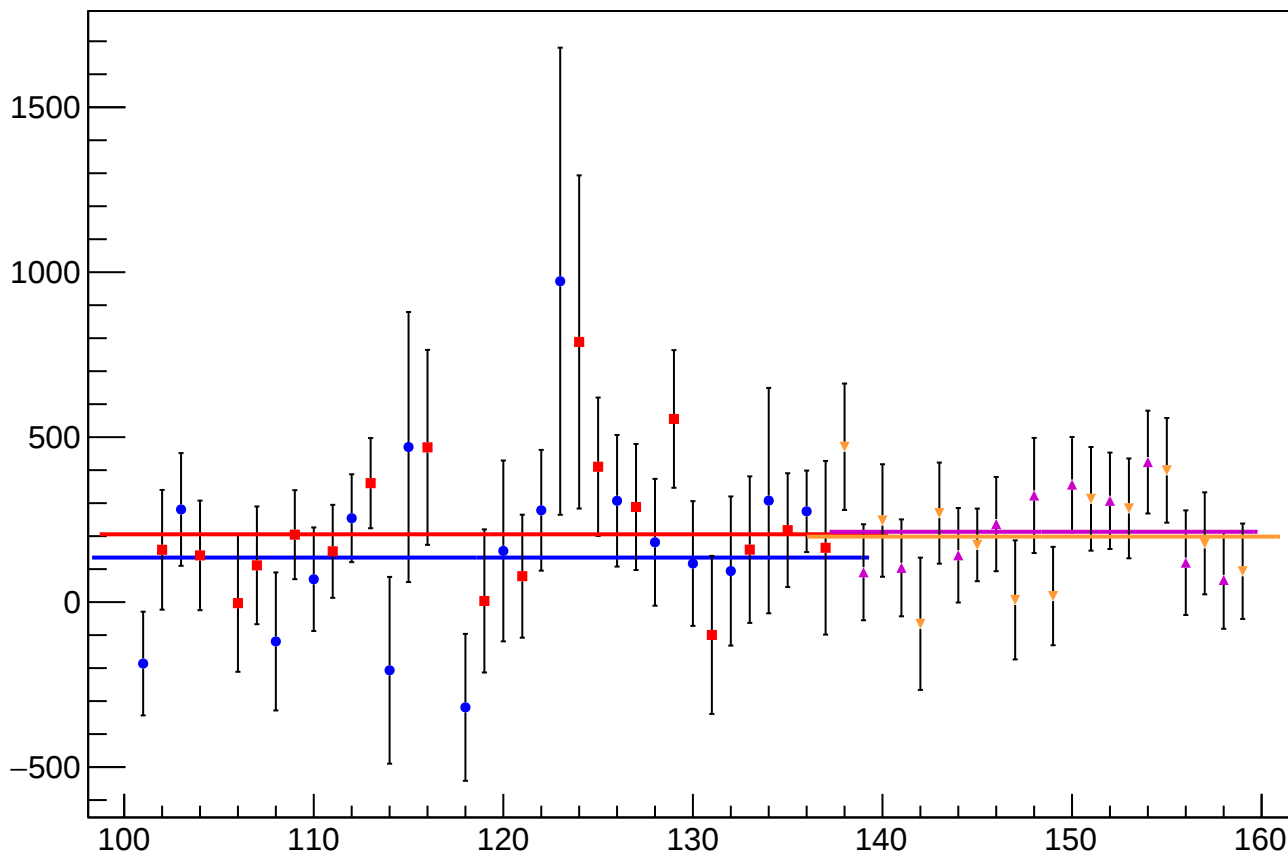
Right: 590.409 $\pm$ 0.115 χ^2/NDF : 813814.1/34

In: 333.782 $\pm$ 0.067 χ^2/NDF :4762039.9/26

Out: 359.783 $\pm$ 0.068 χ^2/NDF :4154020.7/29

All: 346.561 $\pm$ 0.048 χ^2/NDF : 8989738.0/56

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: 198.535 $\pm$ 44.677 χ^2 /NDF:9.7/11

Right Out: 205.590 $\pm$ 44.536 χ^2 /NDF: 12.0/17

Left In: 213.248 $\pm$ 47.370 χ^2 /NDF:6.5/9

Left: 205.461 $\pm$ 32.502 χ^2 /NDF: 16.2/21

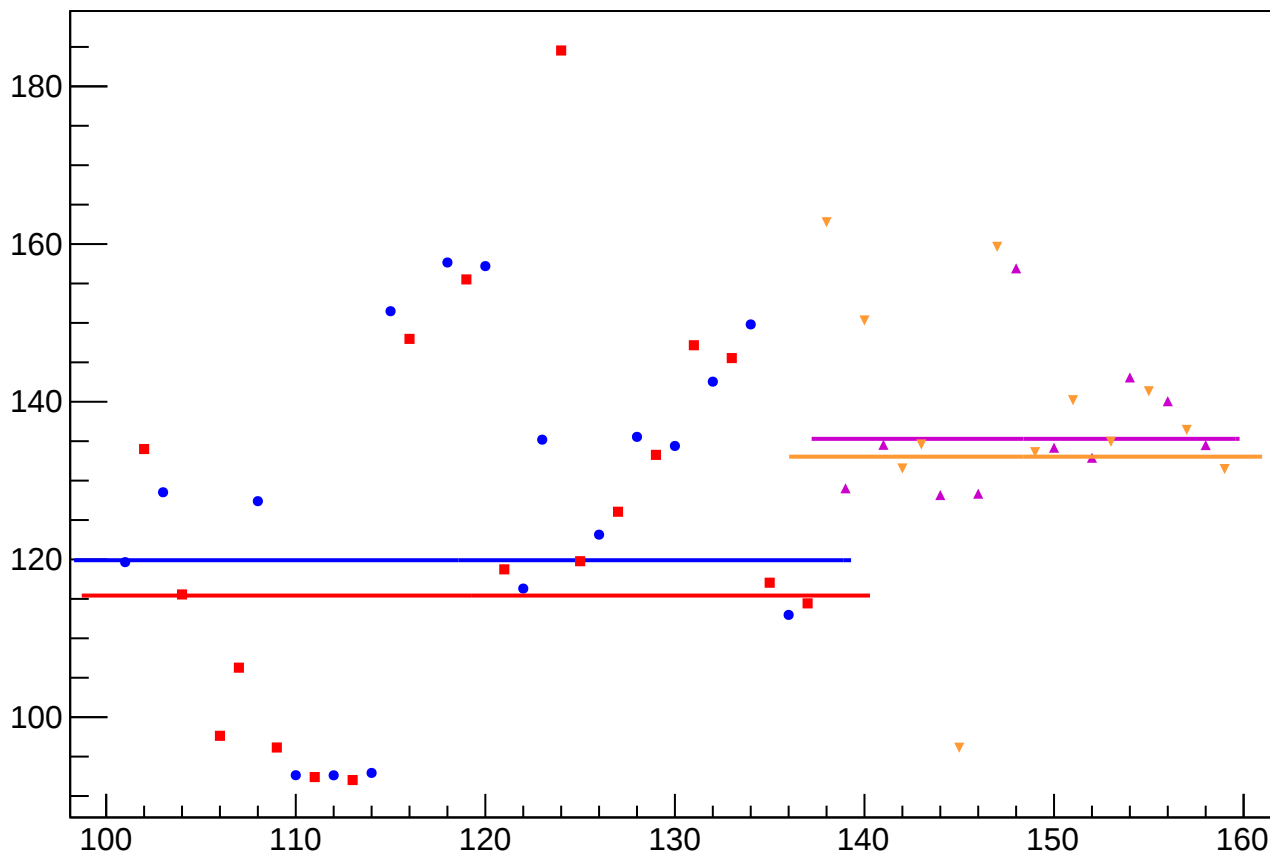
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 173.852 $\pm$ 33.373 χ^2 /NDF:25.9/26

Out: 202.074 $\pm$ 31.541 χ^2 /NDF:21.7/29

All: 188.759 $\pm$ 22.923 χ^2 /NDF: 48.0/56

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903+/-0.033 χ^2/NDF : 345510.5/16

Left Out: 133.036+/-0.032 χ^2/NDF : 348569.9/11

Right Out: 115.422+/-0.031 χ^2/NDF : 418100.5/17

Left In: 135.296+/-0.033 χ^2/NDF : 51689.6/9

Left: 134.100+/-0.023 χ^2/NDF : 402670.1/21

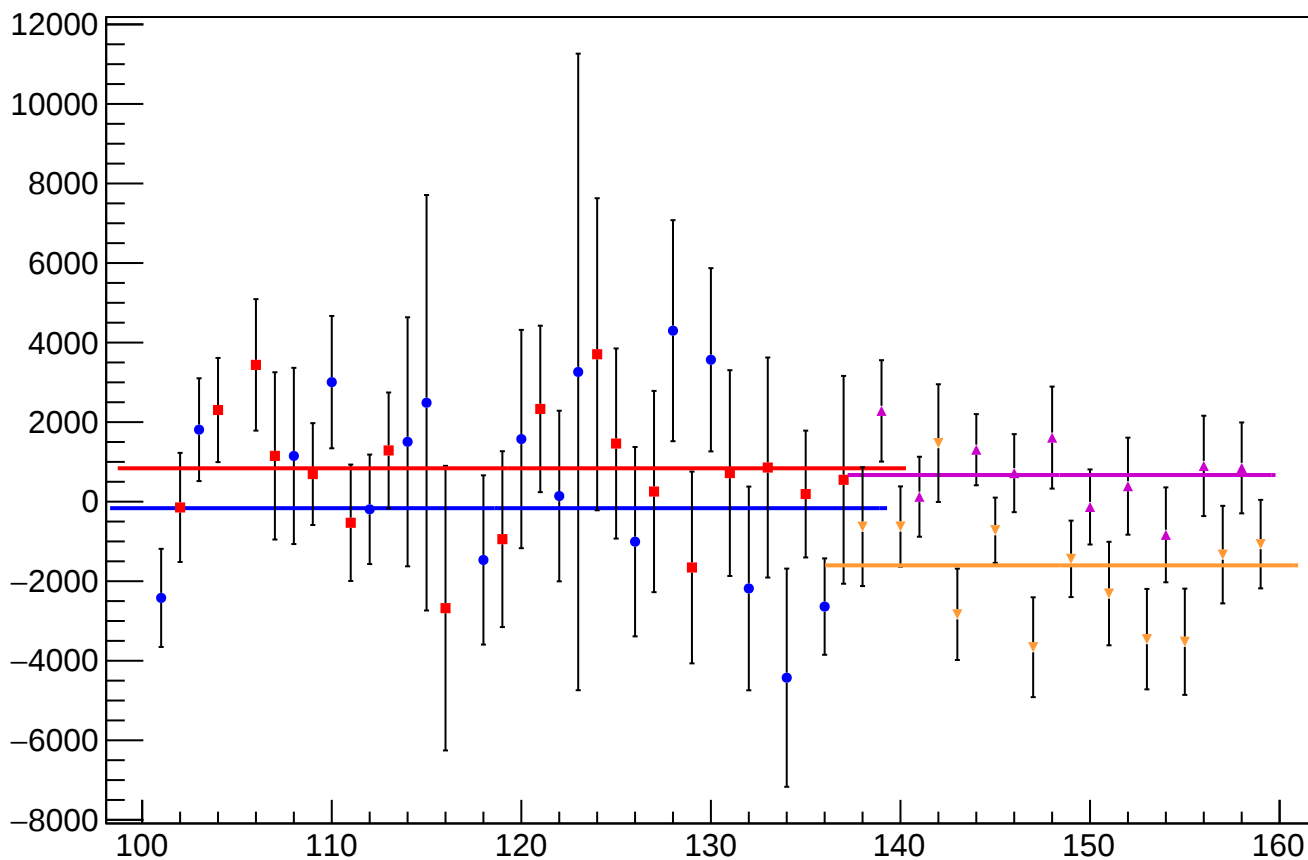
Right: 117.541+/-0.023 χ^2/NDF : 773185.8/34

In: 127.544+/-0.024 χ^2/NDF : 503565.2/26

Out: 124.201+/-0.022 χ^2/NDF : 922586.8/29

All: 125.778+/-0.016 χ^2/NDF : 1436749.9/56

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1601.535+/-331.505 χ^2/NDF :15.5/11

Right Out: 839.187+/-440.476 χ^2/NDF : 9.3/17

Left In: 670.291+/-345.221 χ^2/NDF :5.4/9

Left: -511.648+/-239.112 χ^2/NDF : 43.4/21

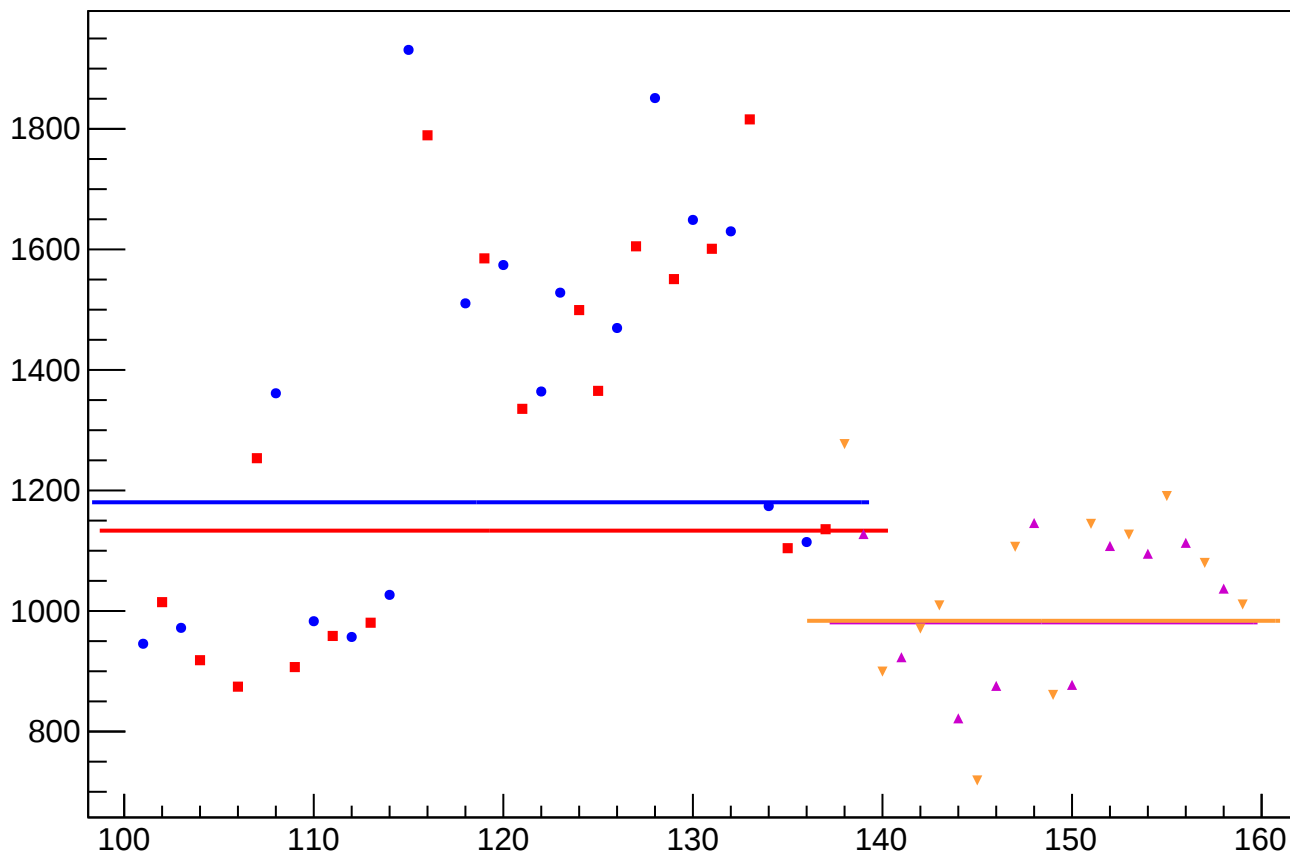
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 377.751+/-278.147 χ^2/NDF :31.1/26

Out: -718.967+/-264.872 χ^2/NDF :44.4/29

All: -197.402+/-191.814 χ^2/NDF : 83.7/56

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403+/-0.332 χ^2/NDF : 668845.5/16

Left Out: 983.740+/-0.234 χ^2/NDF : 470257.6/11

Right Out: 1133.347+/-0.311 χ^2/NDF : 760395.8/17

Left In: 981.119+/-0.244 χ^2/NDF : 243177.5/9

Left: 982.483+/-0.169 χ^2/NDF : 713495.2/21

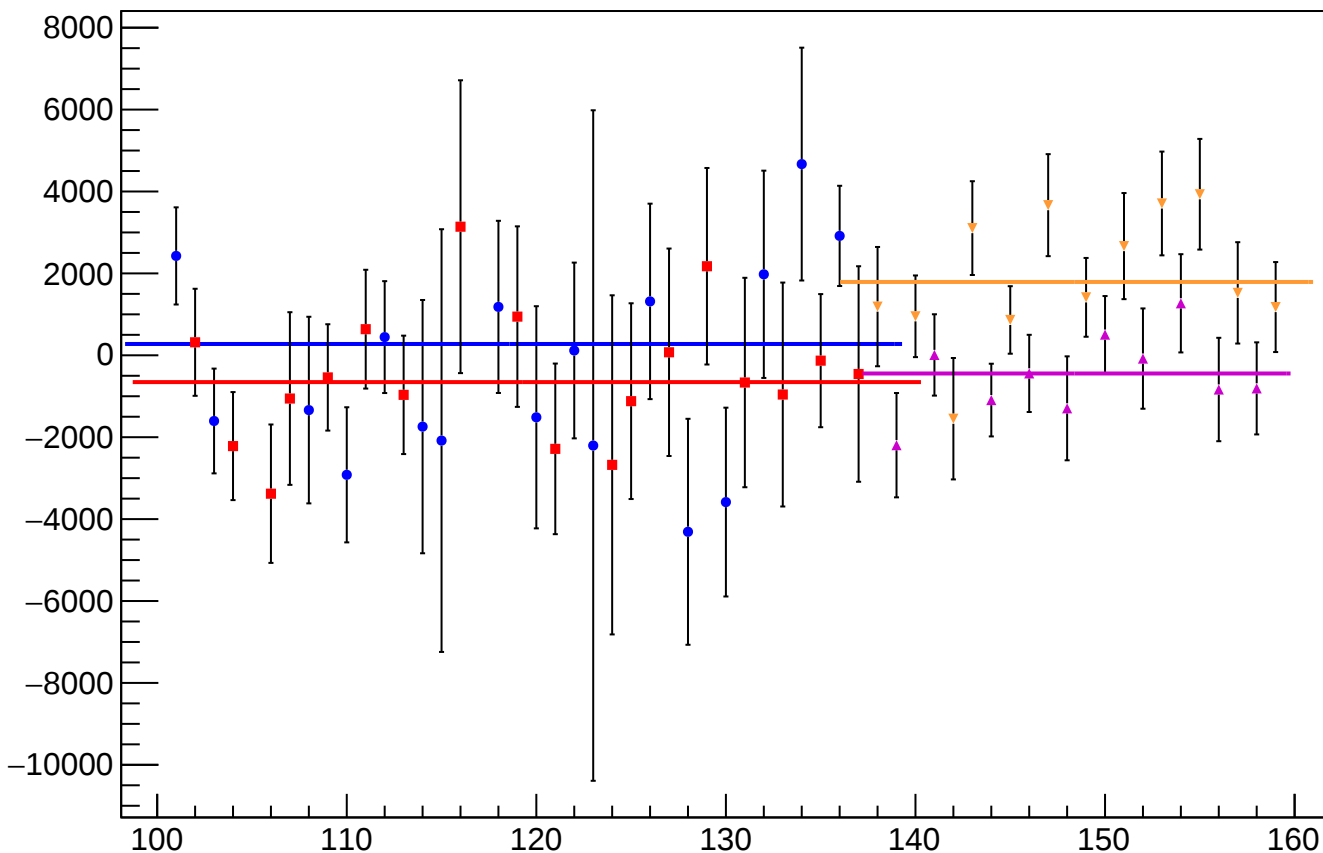
Right: 1155.371+/-0.227 χ^2/NDF : 1439924.5/34

In: 1051.035+/-0.197 χ^2/NDF : 1145846.3/26

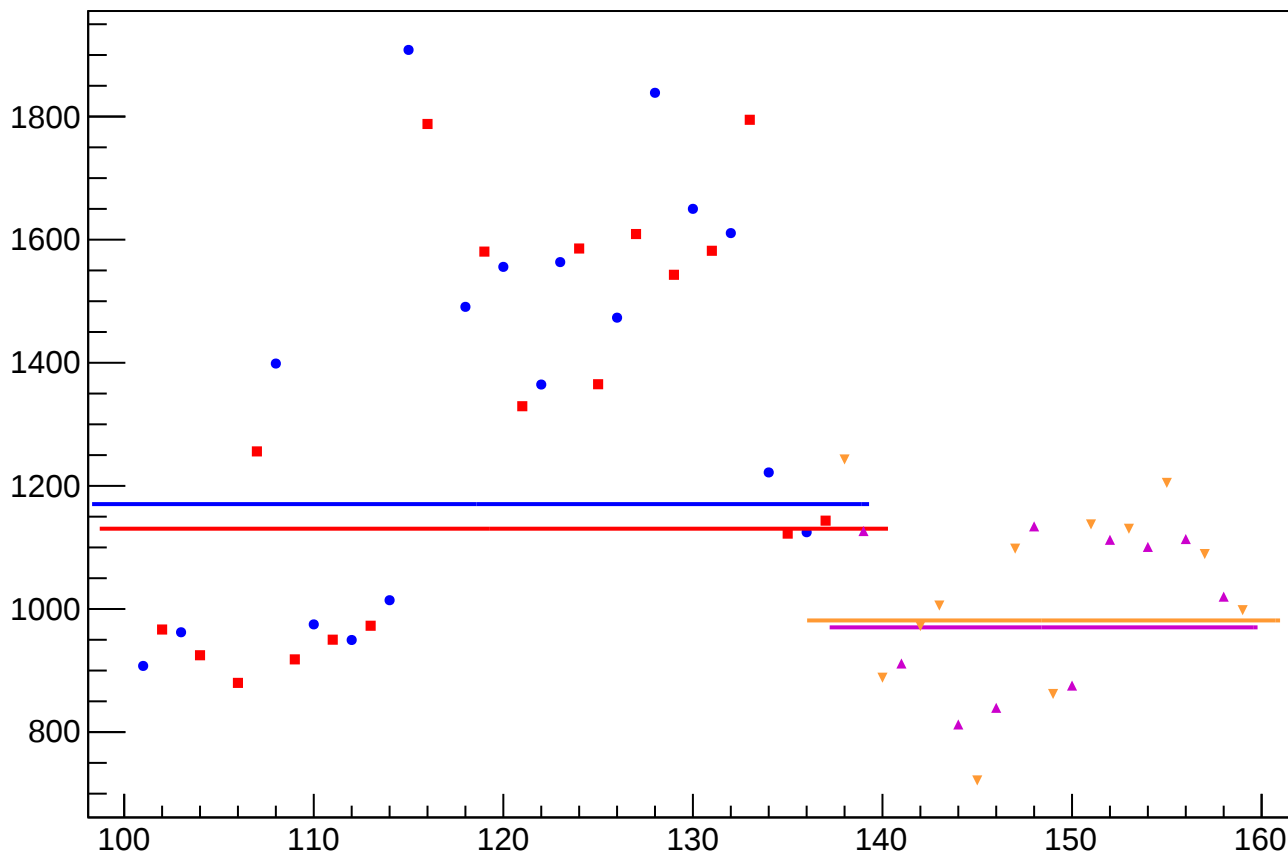
Out: 1037.838+/-0.187 χ^2/NDF : 1377945.2/29

All: 1044.114+/-0.136 χ^2/NDF : 2526152.6/56

asym_sam_48_dd_mean vs Slug, Sign Corrected



asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 981.394 $\pm$ 0.234 χ^2 /NDF: 457044.8/11

Right Out: 1130.456 $\pm$ 0.311 χ^2 /NDF: 763027.2/17

Left In: 970.168 $\pm$ 0.242 χ^2 /NDF: 272867.8/9

Left: 975.967 $\pm$ 0.168 χ^2 /NDF: 731026.1/21

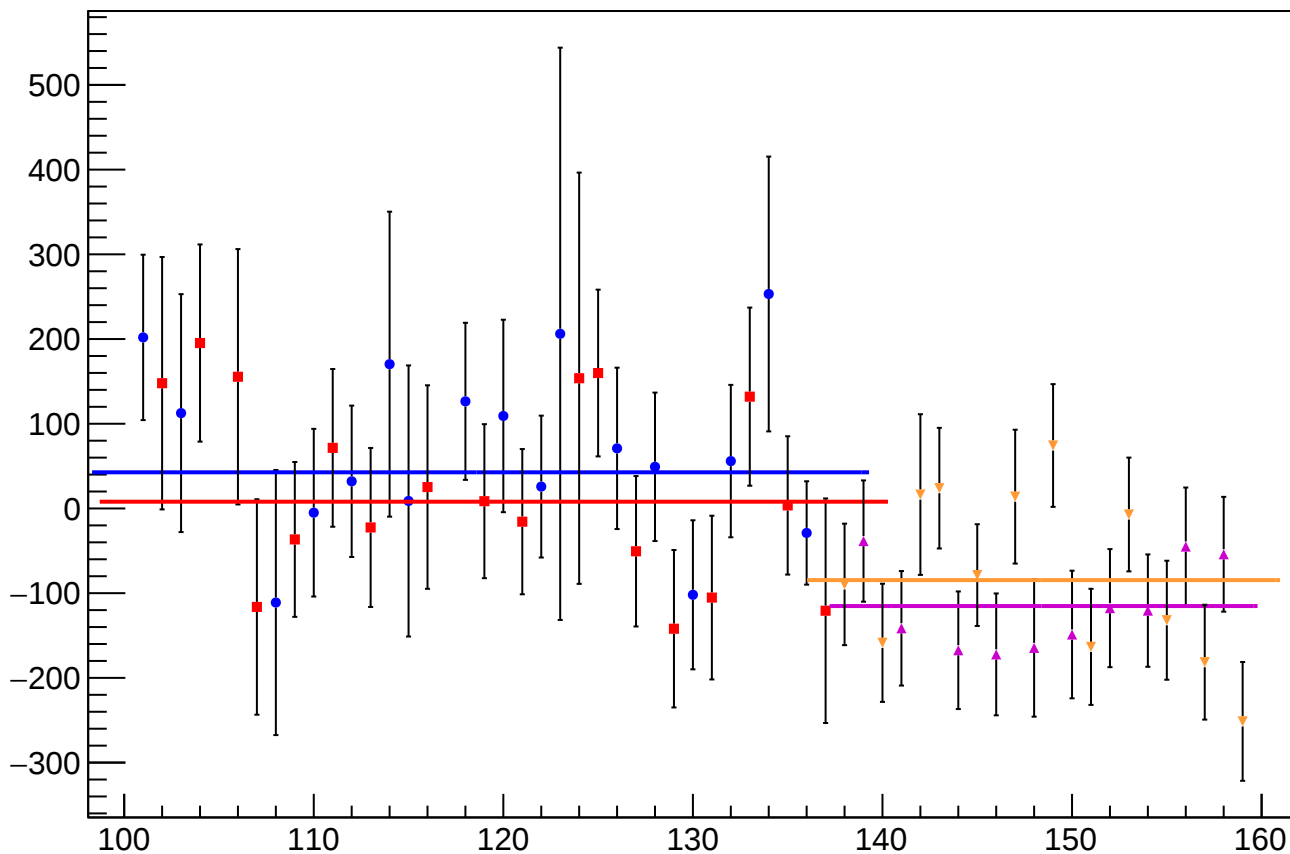
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1040.163 $\pm$ 0.195 χ^2 /NDF: 1218104.7/26

Out: 1035.249 $\pm$ 0.187 χ^2 /NDF: 1366800.8/29

All: 1037.602 $\pm$ 0.135 χ^2 /NDF: 2585236.4/56

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: -84.595 ± 20.435 $\chi^2/\text{NDF}: 21.8/11$

Right Out: 7.995 ± 24.492 $\chi^2/\text{NDF}: 15.8/17$

Left In: -115.204 ± 22.362 $\chi^2/\text{NDF}: 4.9/9$

Left: -98.524 ± 15.085 $\chi^2/\text{NDF}: 27.7/21$

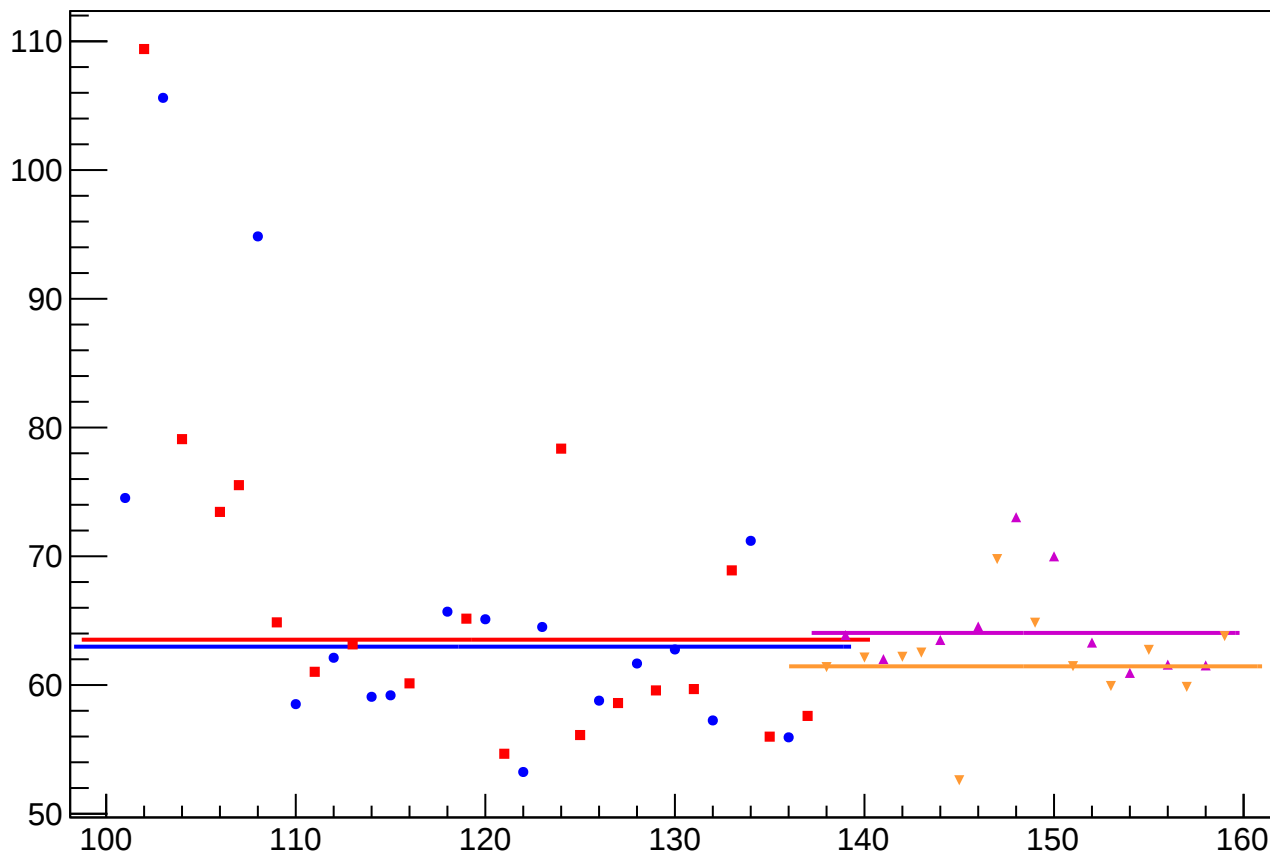
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -44.091 ± 16.578 $\chi^2/\text{NDF}: 39.3/26$

Out: -46.594 ± 15.691 $\chi^2/\text{NDF}: 46.0/29$

All: -45.411 ± 11.396 $\chi^2/\text{NDF}: 85.3/56$

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: 61.452 $\pm$ 0.014 χ^2/NDF : 75839.4/11

Right Out: 63.522 $\pm$ 0.017 χ^2/NDF : 335430.9/17

Left In: 64.048 $\pm$ 0.016 χ^2/NDF : 48903.0/9

Left: 62.633 $\pm$ 0.011 χ^2/NDF : 139422.8/21

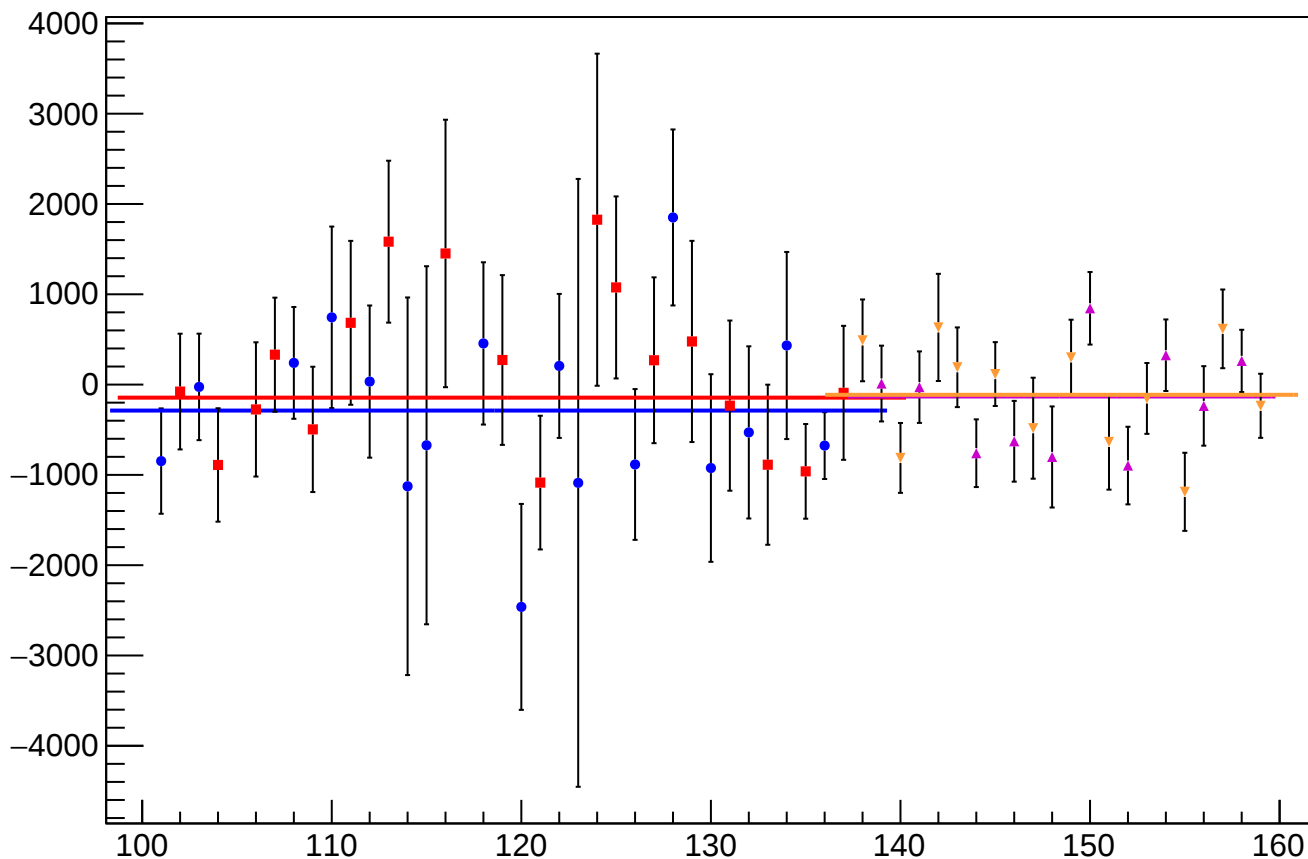
Right: 63.253 $\pm$ 0.012 χ^2/NDF : 711180.0/34

In: 63.567 $\pm$ 0.012 χ^2/NDF : 426219.4/26

Out: 62.302 $\pm$ 0.011 χ^2/NDF : 419692.0/29

All: 62.900 $\pm$ 0.008 χ^2/NDF : 852053.7/56

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: -113.229 ± 123.947 $\chi^2/\text{NDF}: 19.0/11$

Right Out: -144.624 ± 187.777 $\chi^2/\text{NDF}: 16.1/17$

Left In: -131.991 ± 130.271 $\chi^2/\text{NDF}: 17.4/9$

Left: -122.144 ± 89.796 $\chi^2/\text{NDF}: 36.5/21$

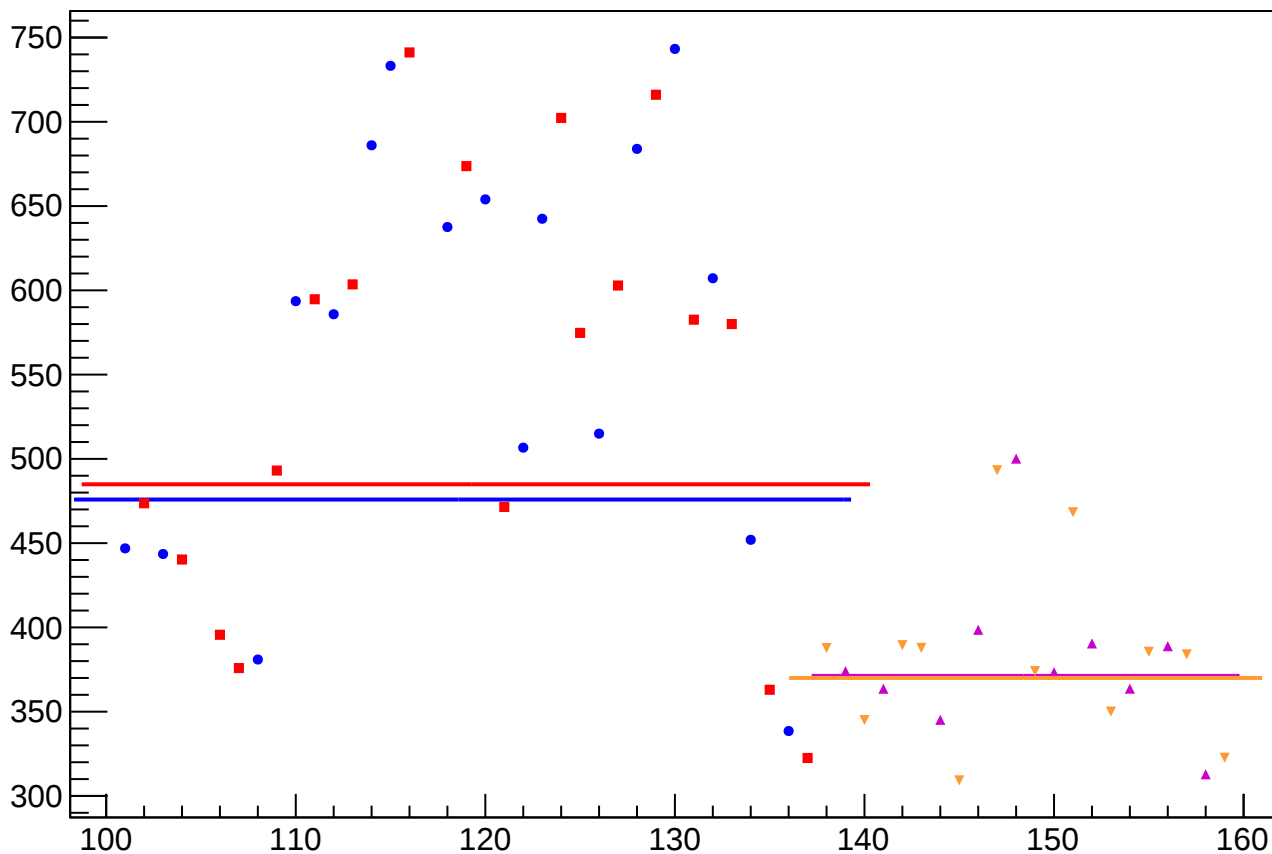
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -181.817 ± 107.422 $\chi^2/\text{NDF}: 33.2/26$

Out: -122.756 ± 103.444 $\chi^2/\text{NDF}: 35.1/29$

All: -151.173 ± 74.512 $\chi^2/\text{NDF}: 68.5/56$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871+/-0.134 χ^2/NDF : 837808.5/16

Left Out: 370.017+/-0.088 χ^2/NDF : 287844.5/11

Right Out: 484.914+/-0.133 χ^2/NDF : 716315.8/17

Left In: 371.225+/-0.092 χ^2/NDF : 189434.2/9

Left: 370.591+/-0.063 χ^2/NDF : 477368.9/21

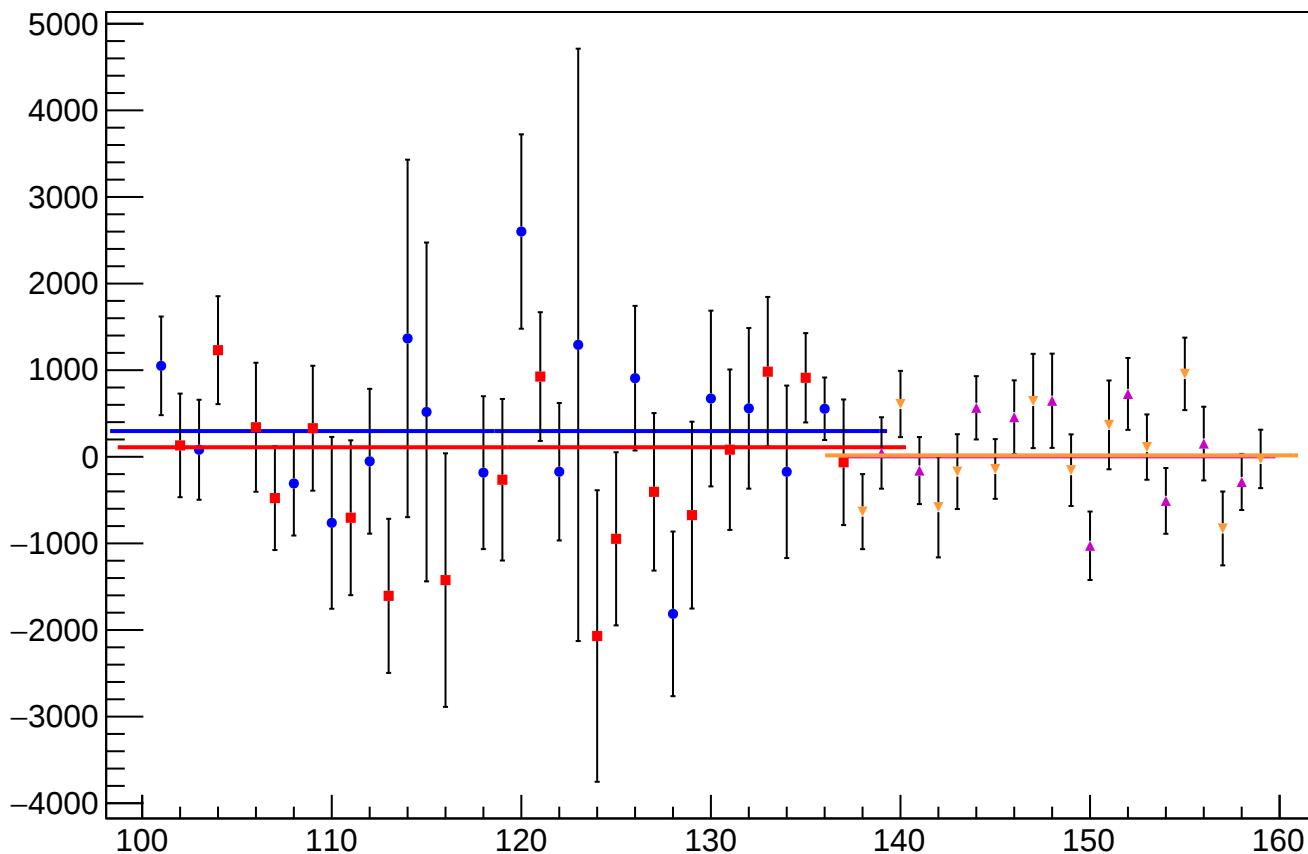
Right: 480.443+/-0.094 χ^2/NDF : 1556417.6/34

In: 404.714+/-0.076 χ^2/NDF : 1440264.1/26

Out: 404.886+/-0.073 χ^2/NDF : 1525710.2/29

All: 404.803+/-0.053 χ^2/NDF : 2965976.9/56

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: 16.408 $\pm$ 120.414 χ^2 /NDF:17.1/11

Right Out: 110.141 $\pm$ 184.400 χ^2 /NDF: 18.5/17

Left In: 5.123 $\pm$ 125.887 χ^2 /NDF:17.7/9

Left: 11.016 $\pm$ 87.016 χ^2 /NDF: 34.8/21

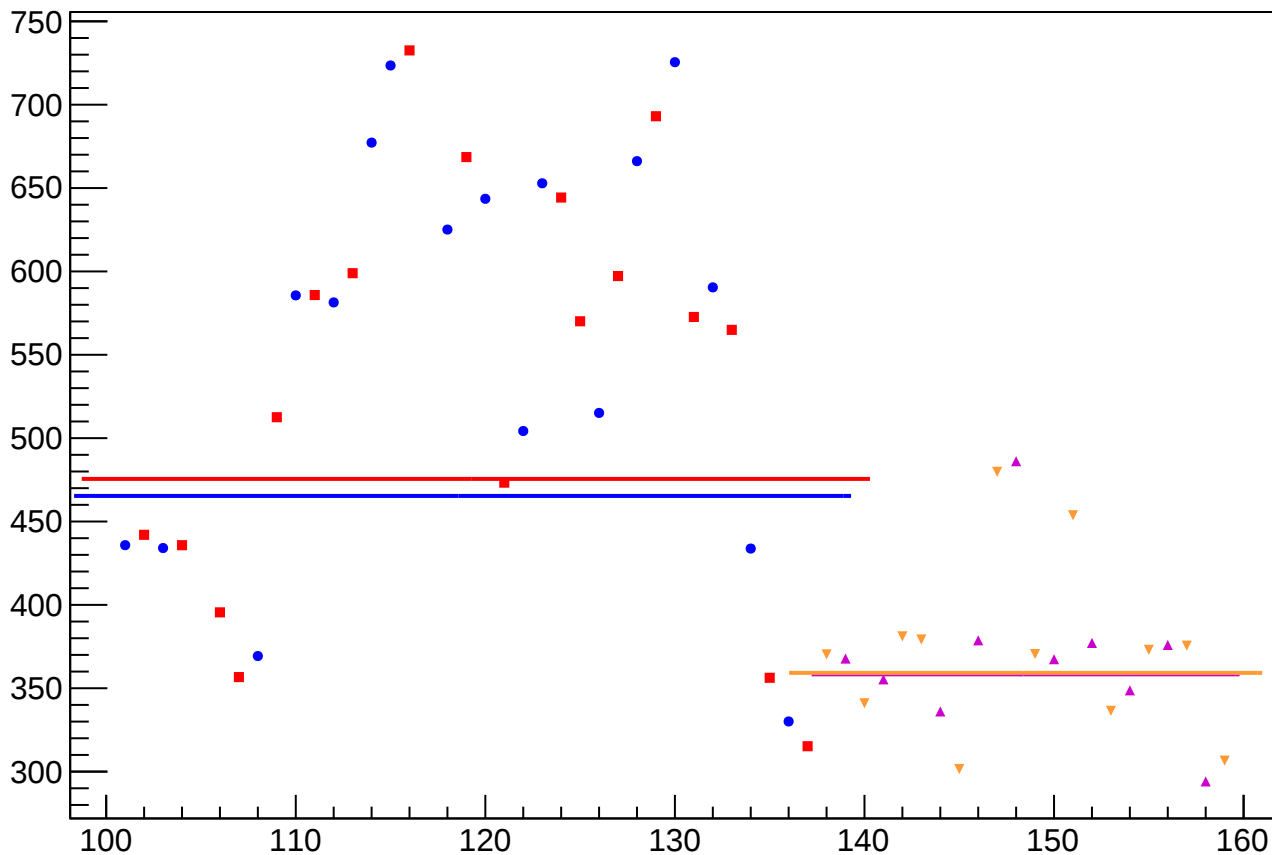
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 96.832 $\pm$ 104.249 χ^2 /NDF:35.2/26

Out: 44.428 $\pm$ 100.822 χ^2 /NDF:35.9/29

All: 69.755 $\pm$ 72.473 χ^2 /NDF: 71.2/56

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 465.356 $\pm$ 0.132 χ^2/NDF : 860420.4/16

Left Out: 359.225 $\pm$ 0.085 χ^2/NDF :297796.8/11

Right Out: 475.559 $\pm$ 0.130 χ^2/NDF : 740849.9/17

Left In: 358.336 $\pm$ 0.089 χ^2/NDF :211932.7/9

Left: 358.800 $\pm$ 0.062 χ^2/NDF : 509781.6/21

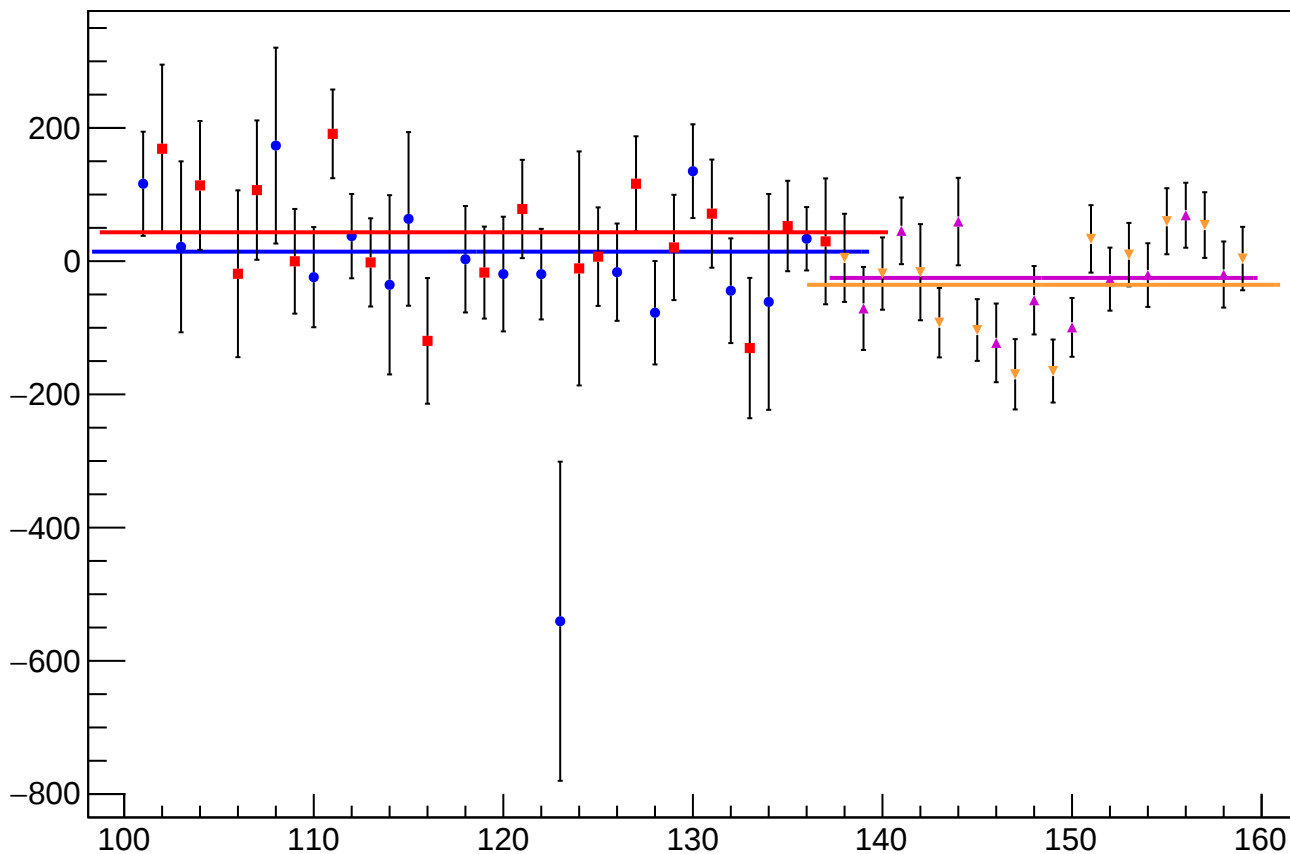
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 391.964 $\pm$ 0.074 χ^2/NDF :1526533.7/26

Out: 394.002 $\pm$ 0.071 χ^2/NDF :1596700.0/29

All: 393.017 $\pm$ 0.051 χ^2/NDF : 3123628.7/56

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.253+/-19.867 χ^2/NDF : 14.8/16

Left Out: -35.503+/-14.922 χ^2/NDF : 28.3/11

Right Out: 43.336+/-19.650 χ^2/NDF : 16.2/17

Left In: -25.157+/-16.268 χ^2/NDF : 13.9/9

Left: -30.776+/-10.997 χ^2/NDF : 42.4/21

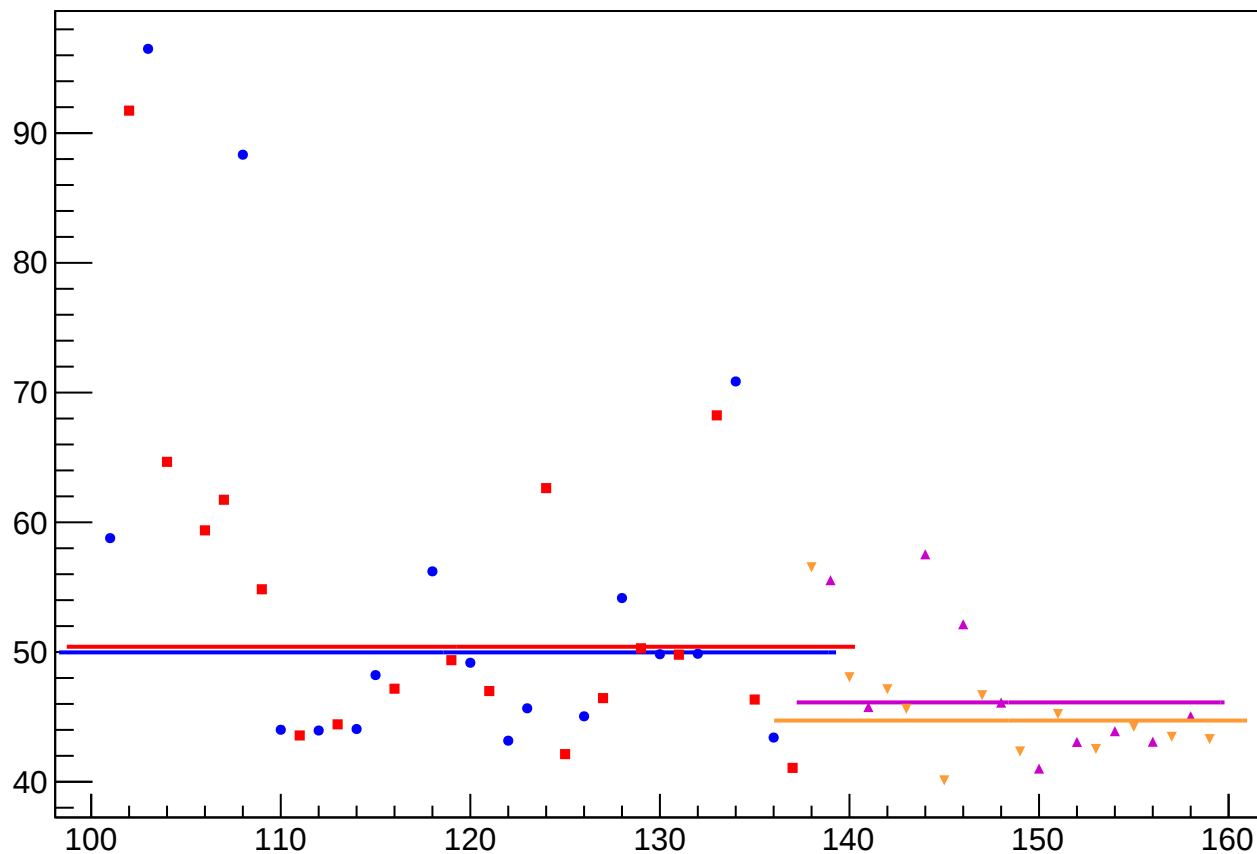
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -9.338+/-12.587 χ^2/NDF : 31.1/26

Out: -6.667+/-11.884 χ^2/NDF : 54.7/29

All: -7.926+/-8.641 χ^2/NDF : 85.8/56

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: 44.721 $\pm$ 0.011 χ^2/NDF : 109509.2/11

Right Out: 50.408 $\pm$ 0.014 χ^2/NDF : 467481.4/17

Left In: 46.117 $\pm$ 0.012 χ^2/NDF : 175019.6/9

Left: 45.359 $\pm$ 0.008 χ^2/NDF : 292537.1/21

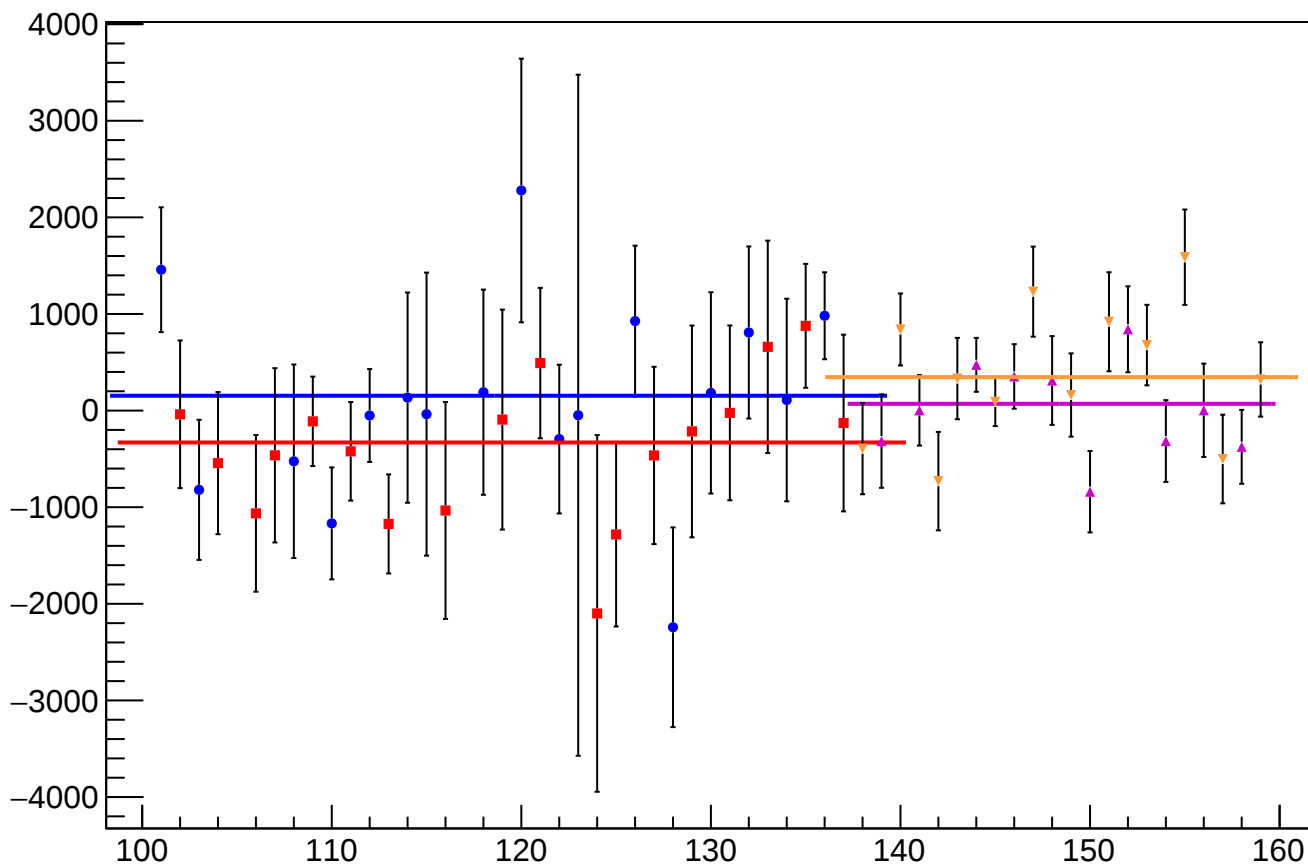
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 47.665 $\pm$ 0.009 χ^2/NDF : 798863.5/26

Out: 46.801 $\pm$ 0.008 χ^2/NDF : 683257.6/29

All: 47.208 $\pm$ 0.006 χ^2/NDF : 1487107.6/56

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: 346.274 $\pm$ 117.611 χ^2 /NDF:25.1/11

Right Out: -329.952 $\pm$ 179.795 χ^2 /NDF: 12.1/17

Left In: 70.314 $\pm$ 123.301 χ^2 /NDF:13.6/9

Left: 214.808 $\pm$ 85.104 χ^2 /NDF: 41.4/21

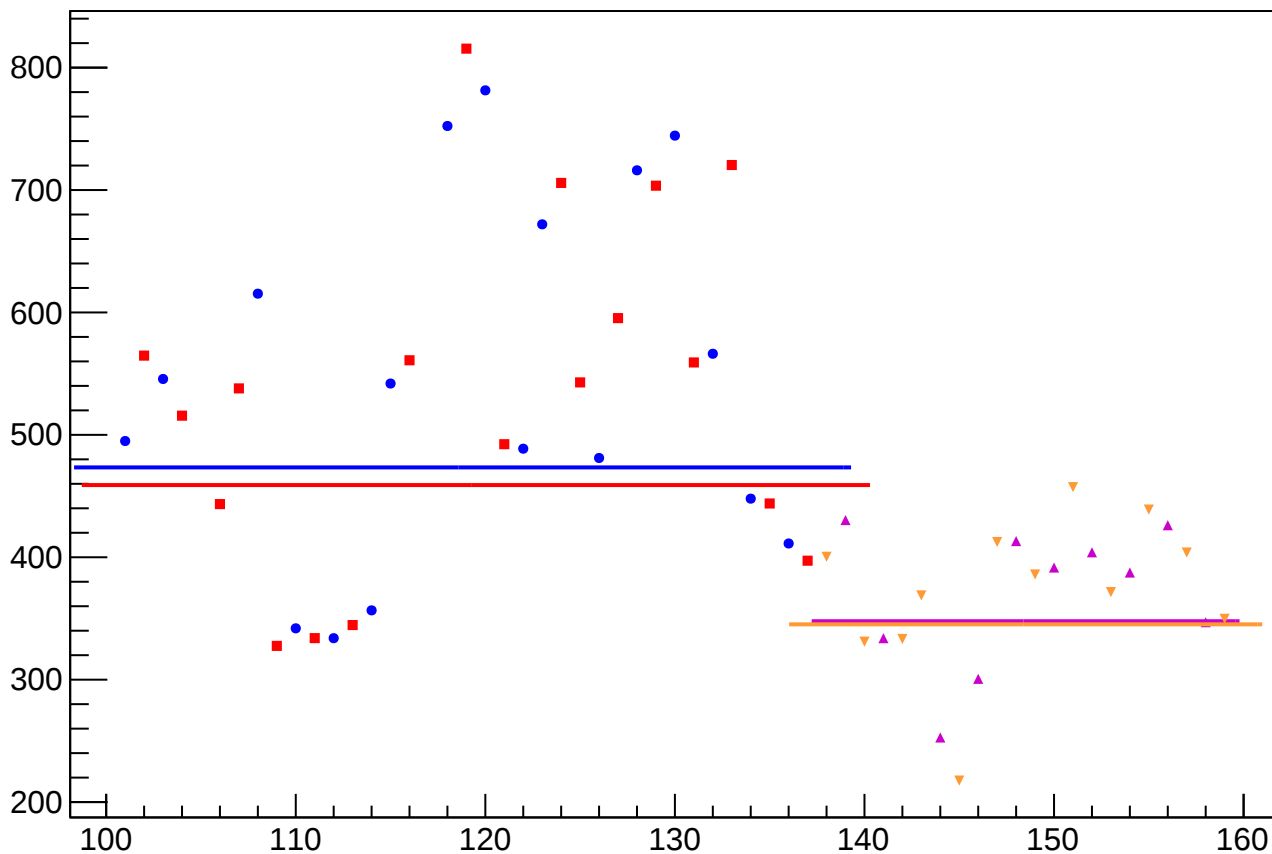
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 95.073 $\pm$ 103.425 χ^2 /NDF:38.6/26

Out: 143.629 $\pm$ 98.423 χ^2 /NDF:47.1/29

All: 120.553 $\pm$ 71.298 χ^2 /NDF: 85.8/56

asym_sam_15_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 473.406+/-0.134 χ^2/NDF : 914927.8/16

Left Out: 345.205+/-0.083 χ^2/NDF : 825254.0/11

Right Out: 458.988+/-0.127 χ^2/NDF : 1006257.2/17

Left In: 347.758+/-0.087 χ^2/NDF : 497838.1/9

Left: 346.421+/-0.060 χ^2/NDF : 1323540.9/21

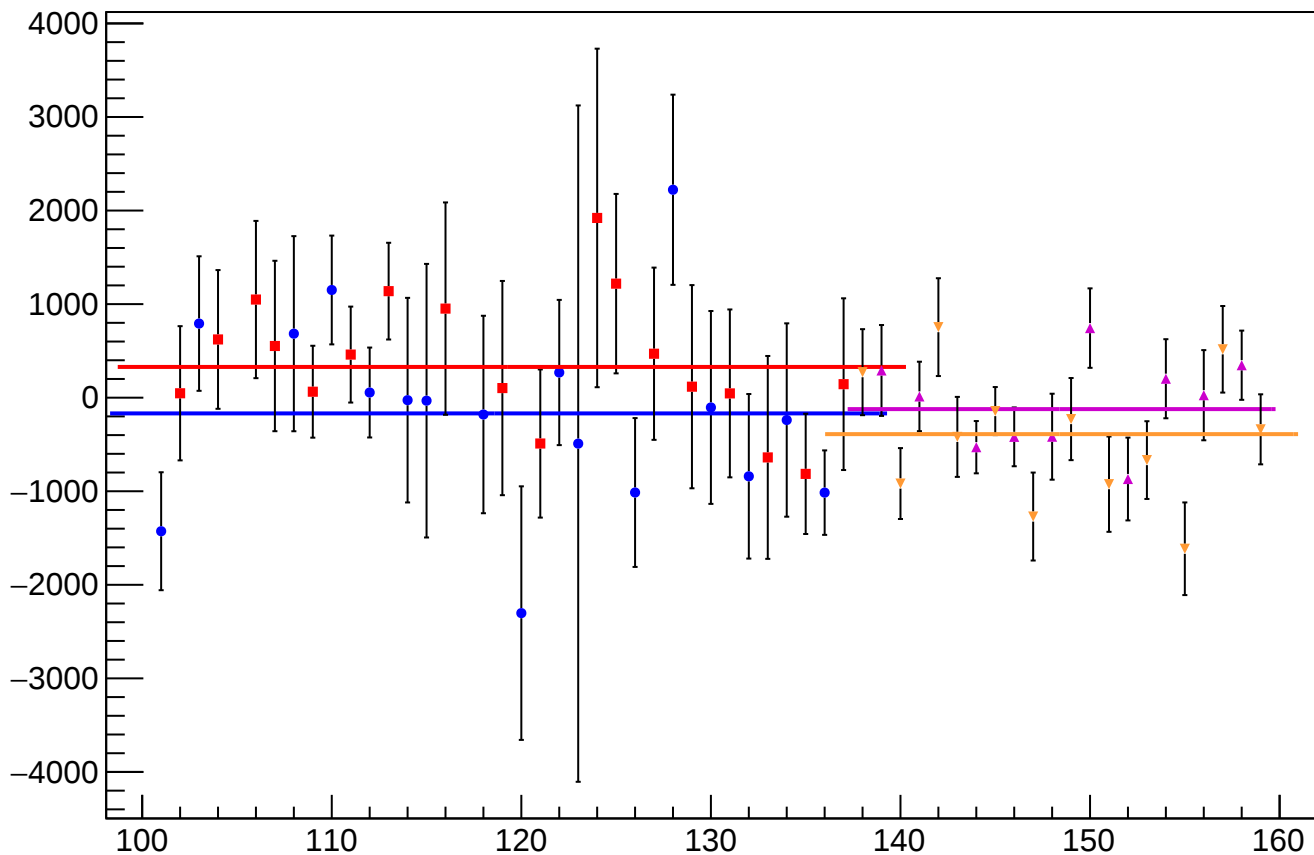
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 385.003+/-0.073 χ^2/NDF : 2028397.8/26

Out: 379.303+/-0.070 χ^2/NDF : 2392475.0/29

All: 382.011+/-0.050 χ^2/NDF : 4424060.6/56

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -168.049+/-189.758 χ^2/NDF : 25.4/16

Left Out: -389.607+/-118.479 χ^2/NDF : 24.9/11

Right Out: 328.598+/-181.559 χ^2/NDF : 11.1/17

Left In: -122.127+/-122.138 χ^2/NDF : 13.6/9

Left: -259.933+/-85.042 χ^2/NDF : 41.0/21

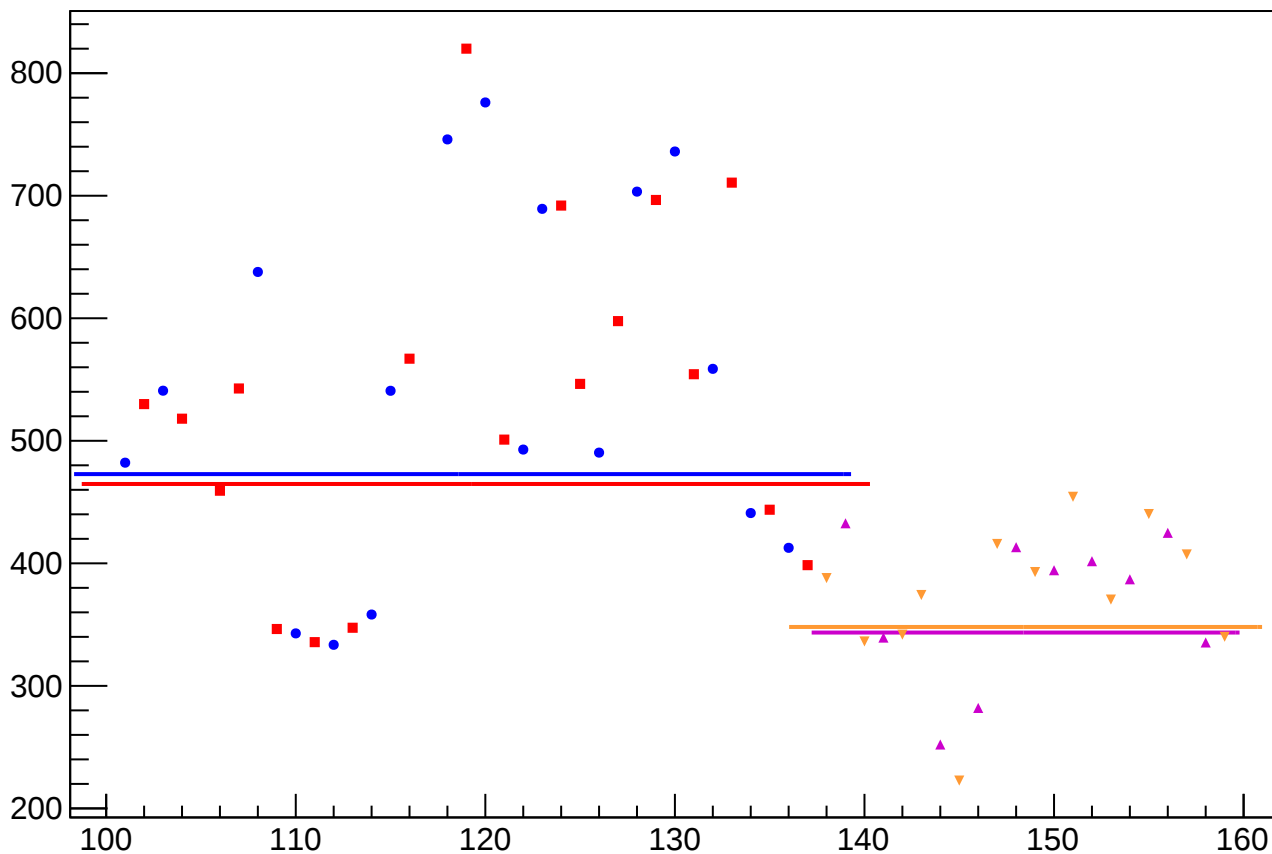
Right: 91.236+/-131.185 χ^2/NDF : 40.1/34

In: -135.579+/-102.703 χ^2/NDF : 39.0/26

Out: -175.107+/-99.222 χ^2/NDF : 47.0/29

All: -156.024+/-71.359 χ^2/NDF : 86.1/56

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 ± 0.134 $\chi^2/\text{NDF}: 896373.5/16$

Left Out: 348.076 ± 0.084 $\chi^2/\text{NDF}: 759206.6/11$

Right Out: 464.761 ± 0.128 $\chi^2/\text{NDF}: 914781.1/17$

Left In: 343.517 ± 0.086 $\chi^2/\text{NDF}: 546548.7/9$

Left: 345.866 ± 0.060 $\chi^2/\text{NDF}: 1307190.7/21$

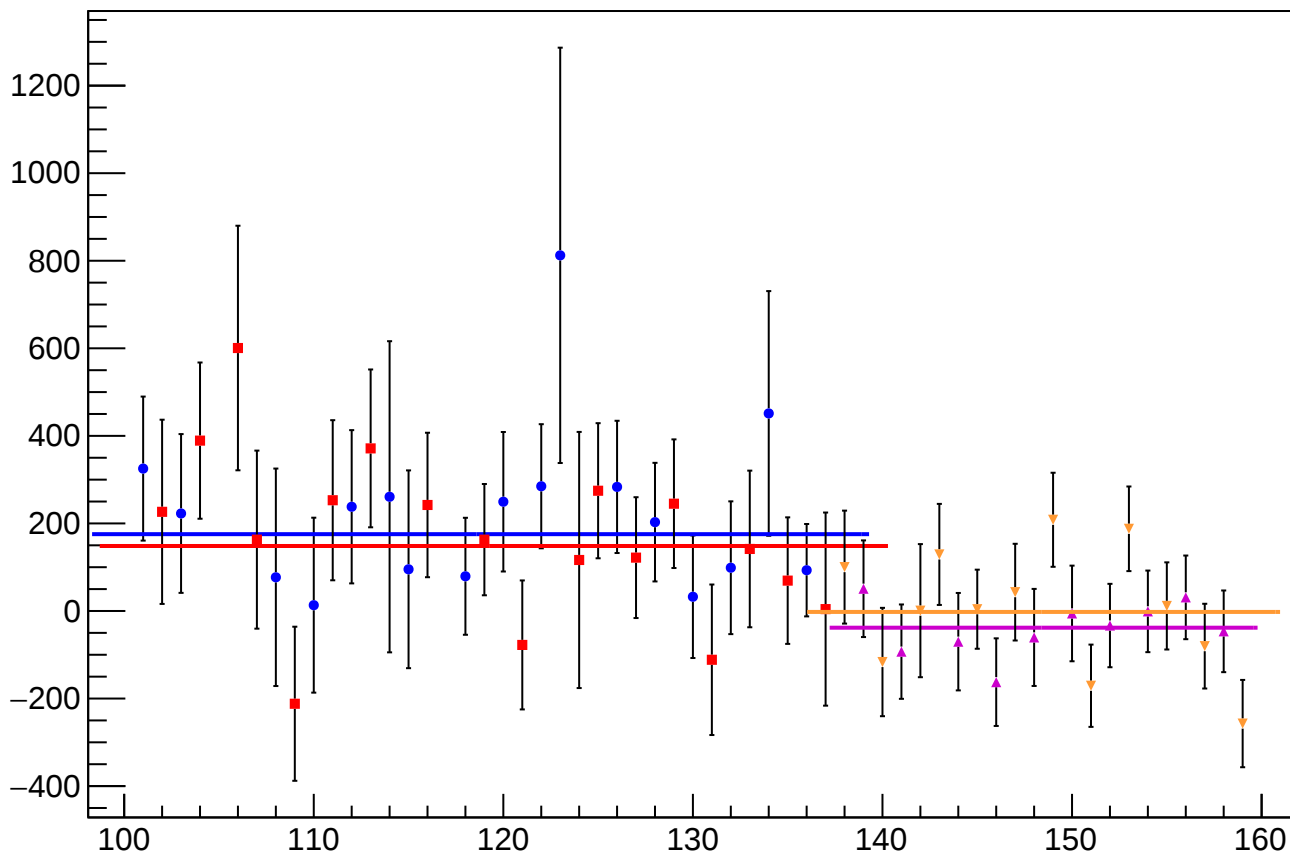
Right: 468.612 ± 0.093 $\chi^2/\text{NDF}: 1813037.9/34$

In: 381.394 ± 0.073 $\chi^2/\text{NDF}: 2099532.0/26$

Out: 382.925 ± 0.070 $\chi^2/\text{NDF}: 2253351.6/29$

All: 382.186 ± 0.050 $\chi^2/\text{NDF}: 4353113.5/56$

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 $\pm$ 40.358 χ^2 /NDF: 8.6/16

Left Out: -2.157 $\pm$ 30.664 χ^2 /NDF:21.1/11

Right Out: 148.445 $\pm$ 40.332 χ^2 /NDF: 17.5/17

Left In: -38.188 $\pm$ 32.211 χ^2 /NDF:3.4/9

Left: -19.287 $\pm$ 22.209 χ^2 /NDF: 25.1/21

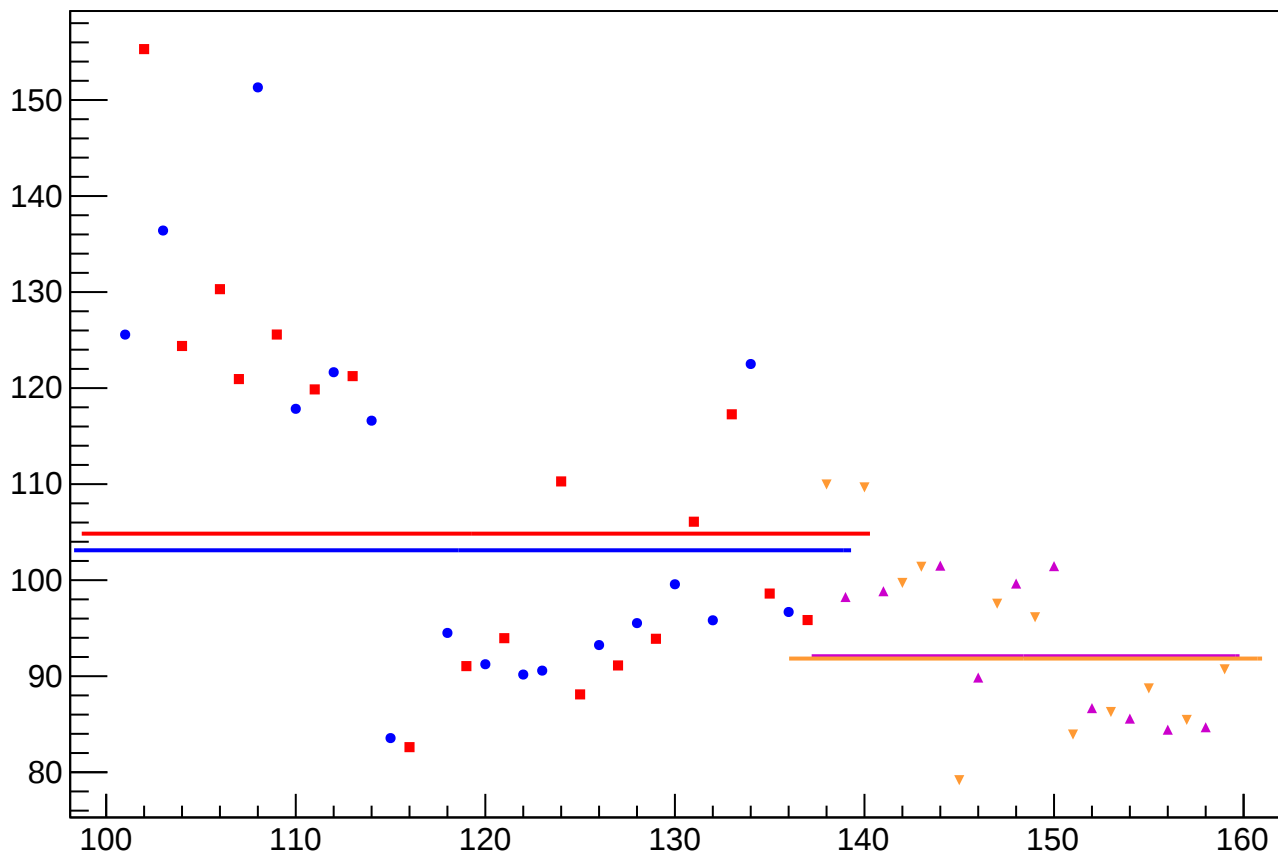
Right: 161.947 $\pm$ 28.528 χ^2 /NDF: 26.3/34

In: 44.951 $\pm$ 25.176 χ^2 /NDF:29.1/26

Out: 53.009 $\pm$ 24.410 χ^2 /NDF:47.4/29

All: 49.104 $\pm$ 17.525 χ^2 /NDF: 76.5/56

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: 91.837 $\pm$ 0.022 χ^2/NDF :179654.7/11

Right Out: 104.844 $\pm$ 0.029 χ^2/NDF : 368677.3/17

Left In: 92.080 $\pm$ 0.023 χ^2/NDF :95096.4/9

Left: 91.952 $\pm$ 0.016 χ^2/NDF : 274810.6/21

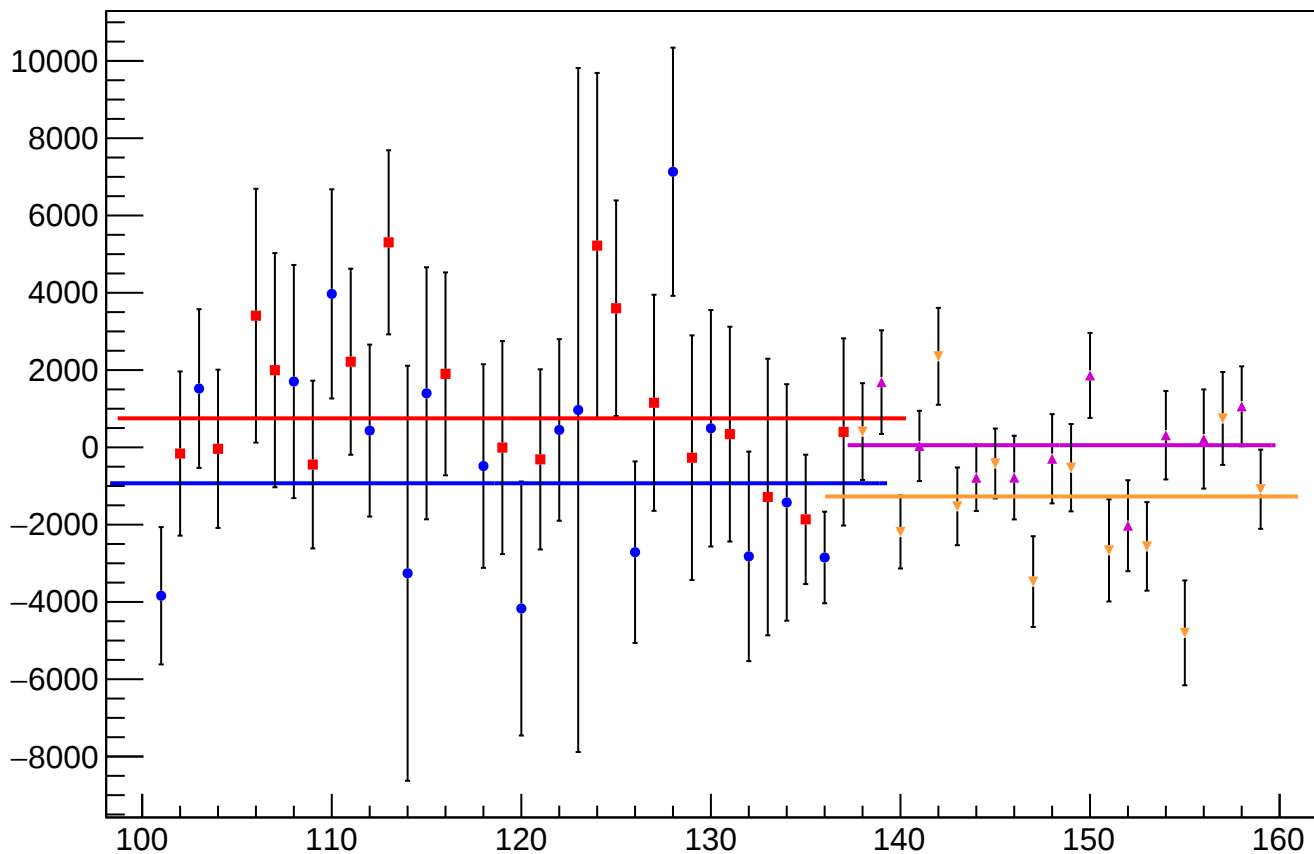
Right: 103.979 $\pm$ 0.020 χ^2/NDF : 676958.3/34

In: 96.373 $\pm$ 0.018 χ^2/NDF :492834.8/26

Out: 96.601 $\pm$ 0.017 χ^2/NDF :680147.6/29

All: 96.491 $\pm$ 0.012 χ^2/NDF : 1173067.6/56

asym_sam_24_68_dd_correction_mean vs Slug, Sign Corrected



Right In: -928.932 $\pm$ 586.968 χ^2 /NDF: 20.9/16

Left Out: -1270.764 $\pm$ 322.146 χ^2 /NDF:28.0/11

Right Out: 751.262 $\pm$ 594.960 χ^2 /NDF: 10.9/17

Left In: 55.755 $\pm$ 341.613 χ^2 /NDF:10.0/9

Left: -646.375 $\pm$ 234.371 χ^2 /NDF: 46.0/21

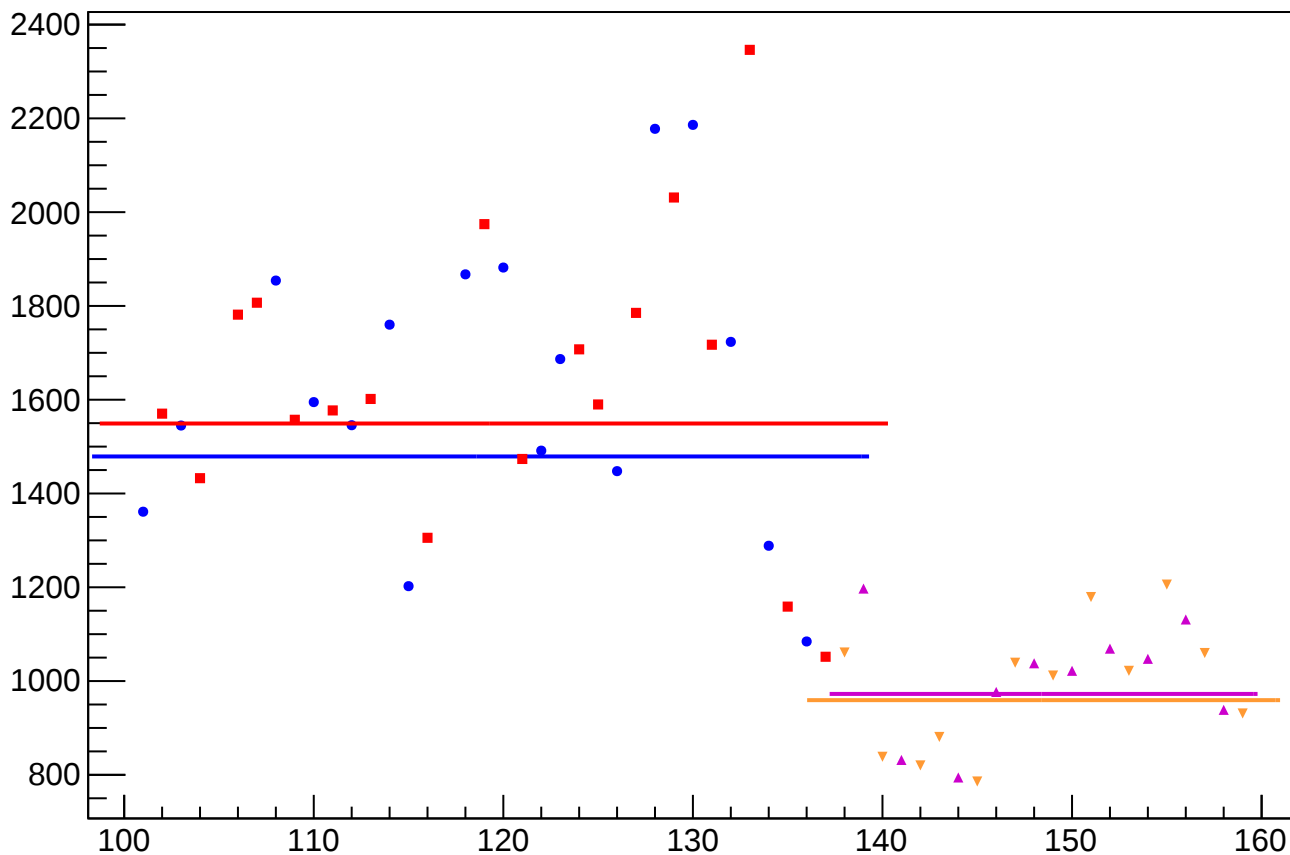
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -193.387 $\pm$ 295.250 χ^2 /NDF:32.9/26

Out: -812.349 $\pm$ 283.285 χ^2 /NDF:47.9/29

All: -515.663 $\pm$ 204.412 χ^2 /NDF: 83.1/56

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991+/-0.415 χ^2/NDF : 589620.8/16

Left Out: 959.291+/-0.228 χ^2/NDF : 312701.1/11

Right Out: 1549.266+/-0.421 χ^2/NDF : 462557.8/17

Left In: 972.577+/-0.242 χ^2/NDF : 254725.0/9

Left: 965.544+/-0.166 χ^2/NDF : 569027.3/21

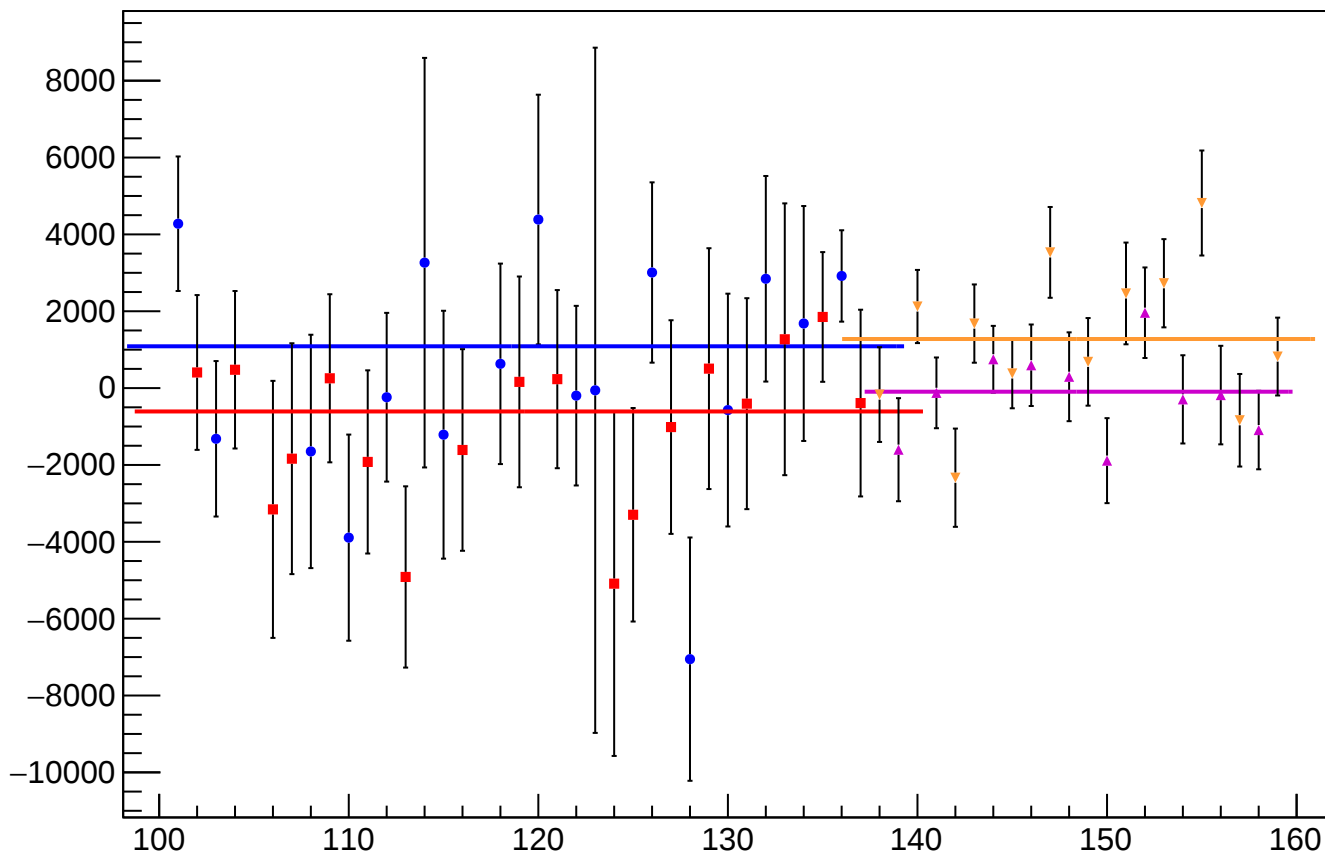
Right: 1513.653+/-0.295 χ^2/NDF : 1066318.9/34

In: 1100.708+/-0.209 χ^2/NDF : 1956395.3/26

Out: 1093.044+/-0.200 χ^2/NDF : 2296032.6/29

All: 1096.718+/-0.145 χ^2/NDF : 4253129.5/56

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987+/-583.326 χ^2/NDF : 21.8/16

Left Out: 1277.587+/-323.294 χ^2/NDF : 27.6/11

Right Out: -607.930+/-591.550 χ^2/NDF : 9.9/17

Left In: -93.843+/-341.756 χ^2/NDF : 9.4/9

Left: 629.914+/-234.859 χ^2/NDF : 45.5/21

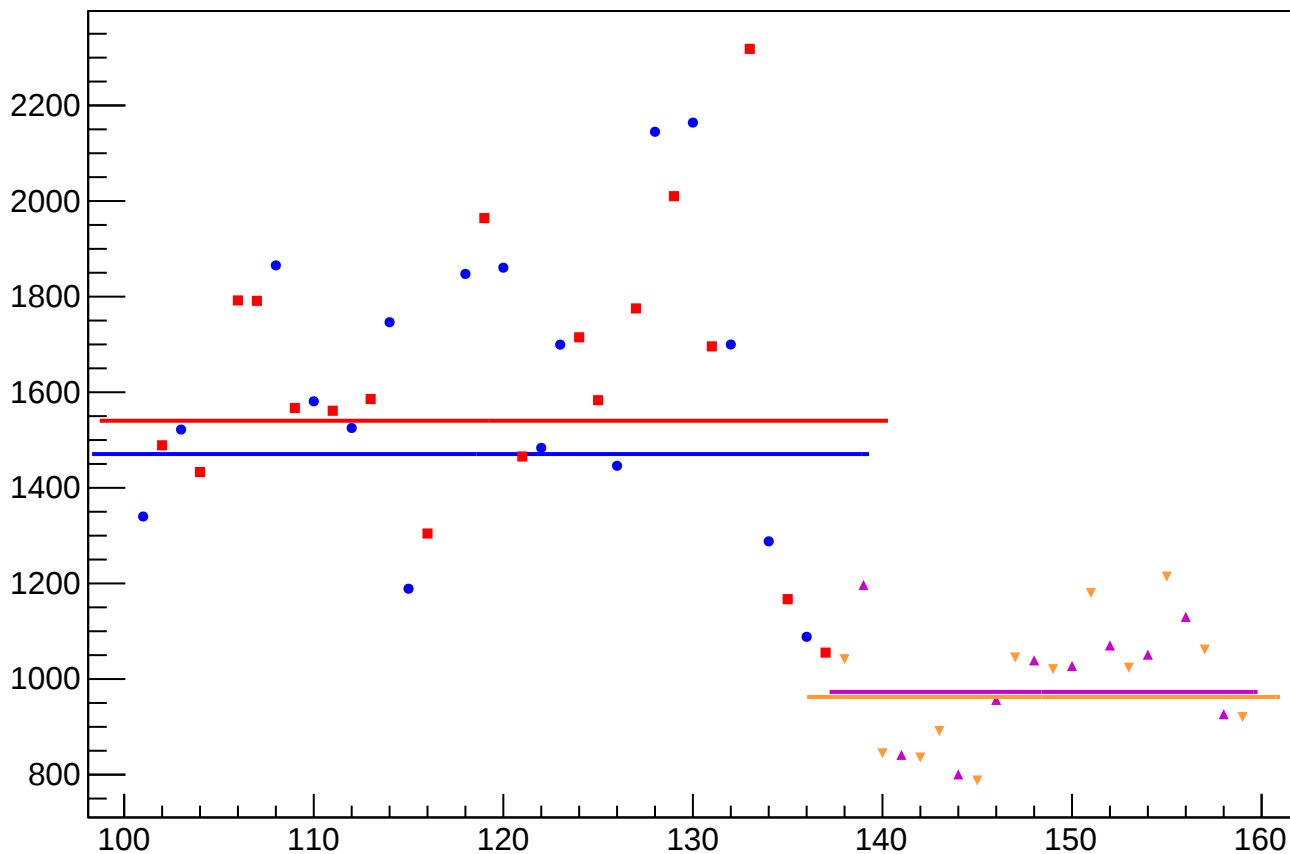
Right: 251.899+/-415.351 χ^2/NDF : 35.9/34

In: 208.158+/-294.875 χ^2/NDF : 34.3/26

Out: 843.937+/-283.691 χ^2/NDF : 45.3/29

All: 538.333+/-204.440 χ^2/NDF : 82.0/56

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: 962.496 $\pm$ 0.229 χ^2/NDF : 302167.7/11

Right Out: 1540.341 $\pm$ 0.418 χ^2/NDF : 442804.3/17

Left In: 973.035 $\pm$ 0.242 χ^2/NDF : 244301.9/9

Left: 967.473 $\pm$ 0.166 χ^2/NDF : 547473.4/21

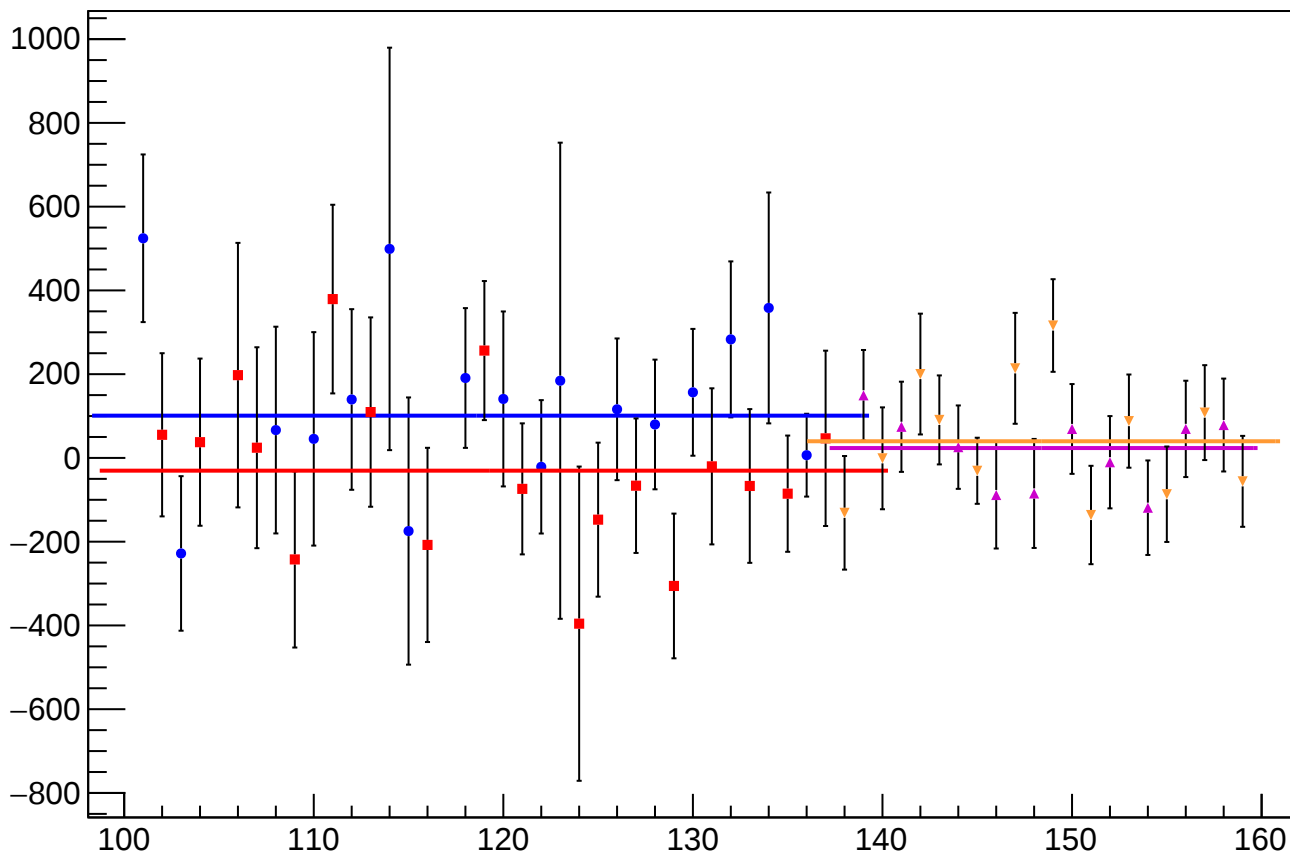
Right: 1505.024 $\pm$ 0.294 χ^2/NDF : 1024593.2/34

In: 1100.202 $\pm$ 0.209 χ^2/NDF : 1895693.5/26

Out: 1095.394 $\pm$ 0.201 χ^2/NDF : 2214461.6/29

All: 1097.705 $\pm$ 0.145 χ^2/NDF : 4110431.3/56

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 $\pm$ 45.284 χ^2/NDF : 13.0/16

Left Out: 39.798 $\pm$ 32.428 χ^2/NDF :16.8/11

Right Out: -30.411 $\pm$ 45.710 χ^2/NDF : 13.5/17

Left In: 23.571 $\pm$ 35.409 χ^2/NDF :5.3/9

Left: 32.396 $\pm$ 23.915 χ^2/NDF : 22.2/21

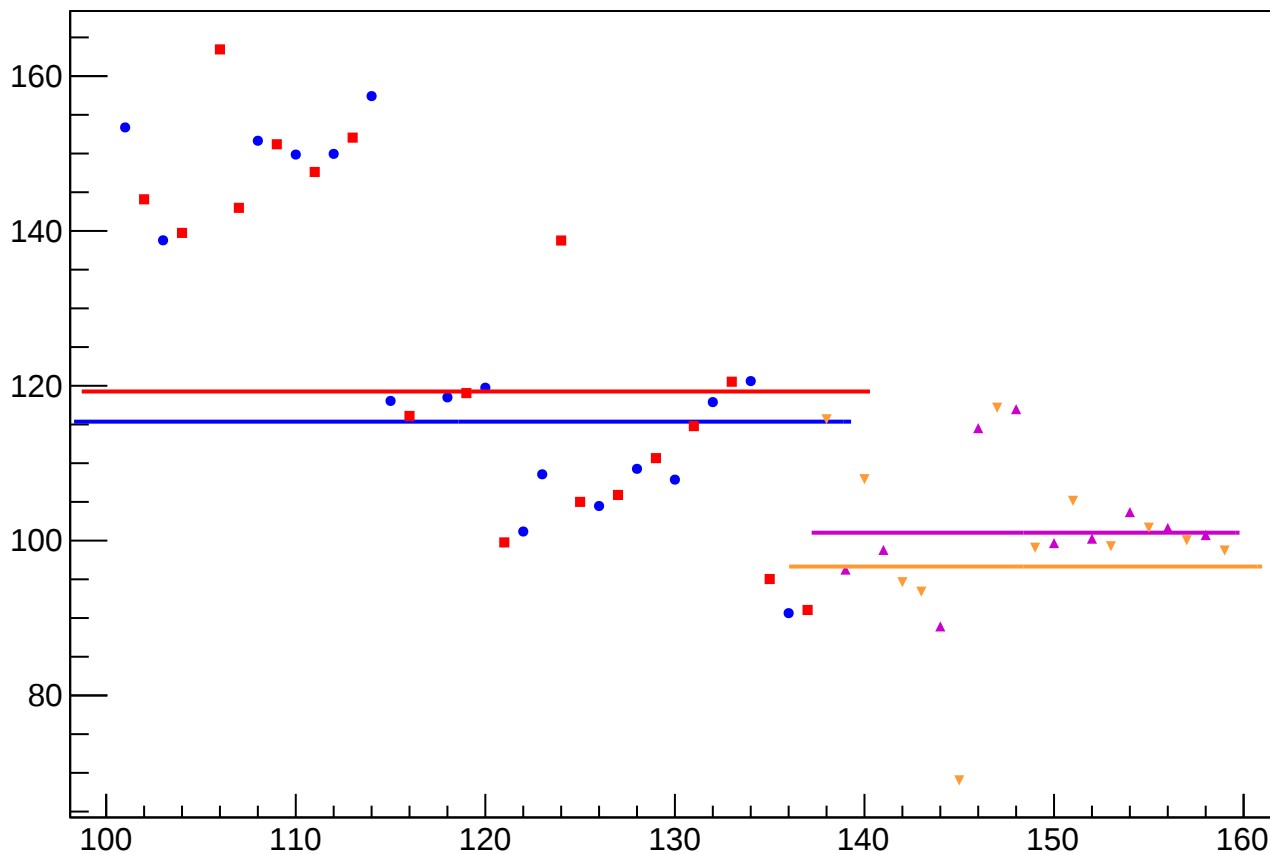
Right: 35.869 $\pm$ 32.170 χ^2/NDF : 30.7/34

In: 52.919 $\pm$ 27.894 χ^2/NDF :20.1/26

Out: 16.293 $\pm$ 26.448 χ^2/NDF :31.8/29

All: 33.632 $\pm$ 19.192 χ^2/NDF : 52.9/56

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: 96.650 $\pm$ 0.023 χ^2 /NDF: 370715.6/11

Right Out: 119.263 $\pm$ 0.032 χ^2 /NDF: 398318.1/17

Left In: 101.024 $\pm$ 0.025 χ^2 /NDF: 88285.7/9

Left: 98.645 $\pm$ 0.017 χ^2 /NDF: 475596.5/21

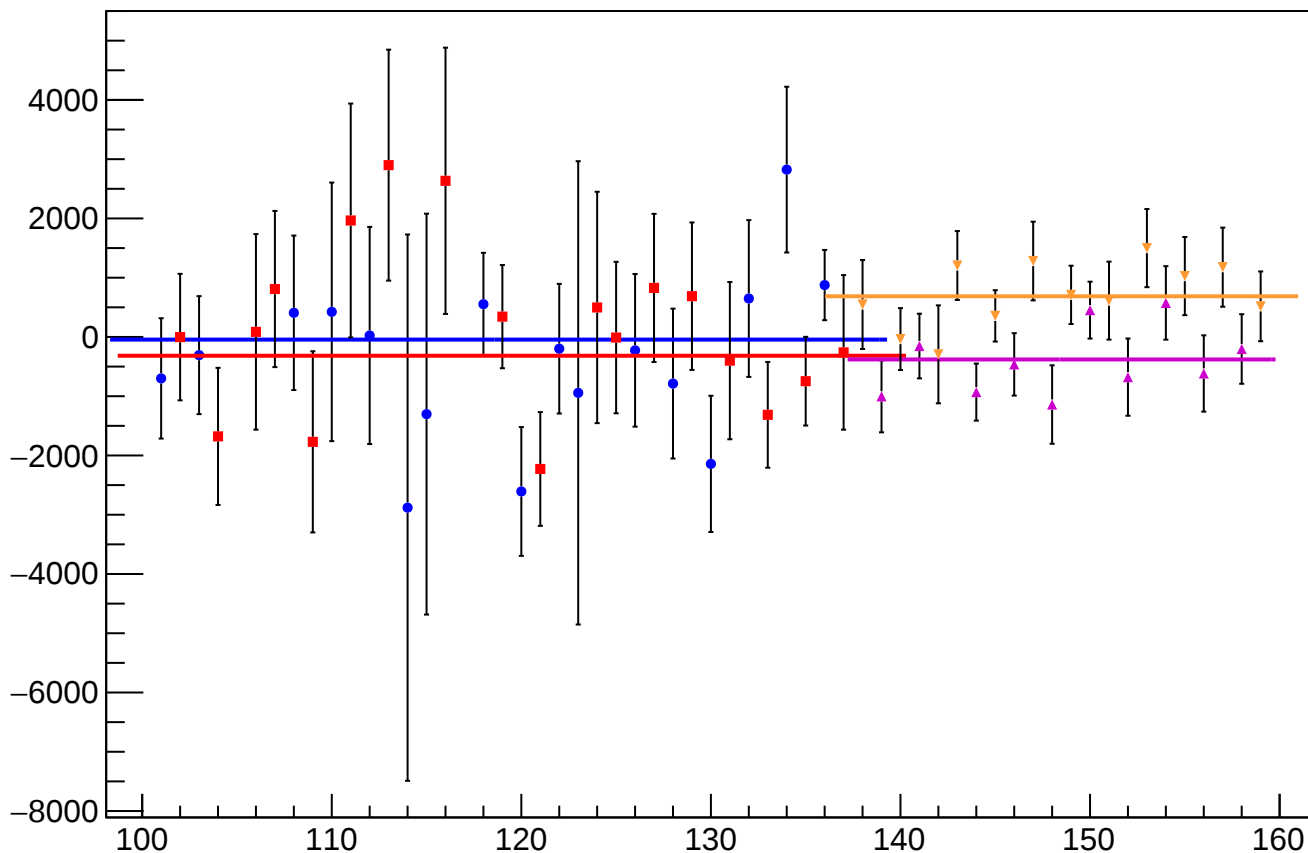
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.466 $\pm$ 0.020 χ^2 /NDF: 624159.5/26

Out: 104.220 $\pm$ 0.019 χ^2 /NDF: 1094629.2/29

All: 105.283 $\pm$ 0.014 χ^2 /NDF: 1725612.3/56

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 $\pm$ 286.284 χ^2/NDF : 17.9/16

Left Out: 686.114 $\pm$ 172.456 χ^2/NDF : 8.0/11

Right Out: -316.976 $\pm$ 283.113 χ^2/NDF : 16.8/17

Left In: -379.945 $\pm$ 179.945 χ^2/NDF : 9.7/9

Left: 175.728 $\pm$ 124.508 χ^2/NDF : 35.9/21

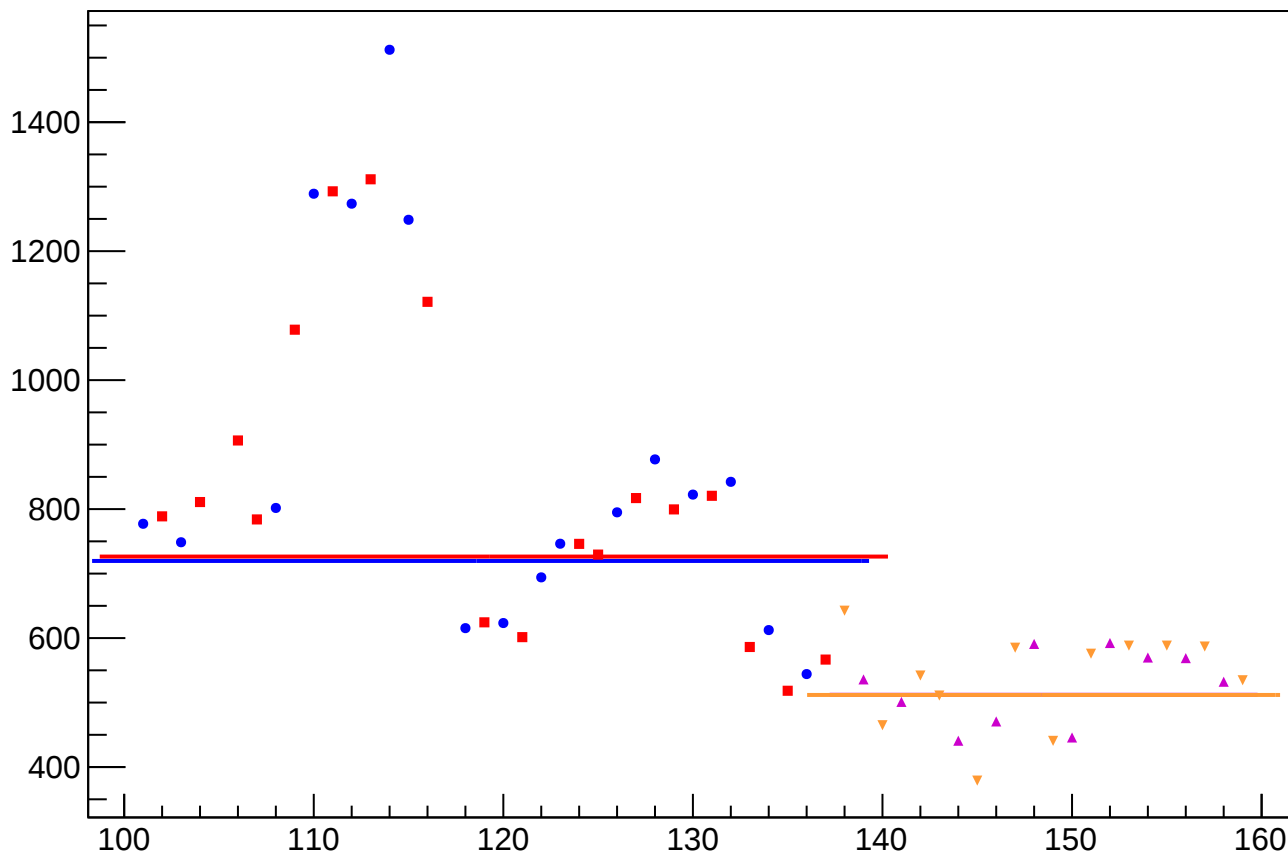
Right: -182.282 $\pm$ 201.303 χ^2/NDF : 35.1/34

In: -284.964 $\pm$ 152.349 χ^2/NDF : 28.5/26

Out: 414.643 $\pm$ 147.283 χ^2/NDF : 33.9/29

All: 76.666 $\pm$ 105.890 χ^2/NDF : 73.3/56

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: 511.804 $\pm$ 0.122 χ^2 /NDF: 434494.7/11

Right Out: 726.397 $\pm$ 0.200 χ^2 /NDF: 880989.6/17

Left In: 512.042 $\pm$ 0.127 χ^2 /NDF: 192086.3/9

Left: 511.918 $\pm$ 0.088 χ^2 /NDF: 626582.8/21

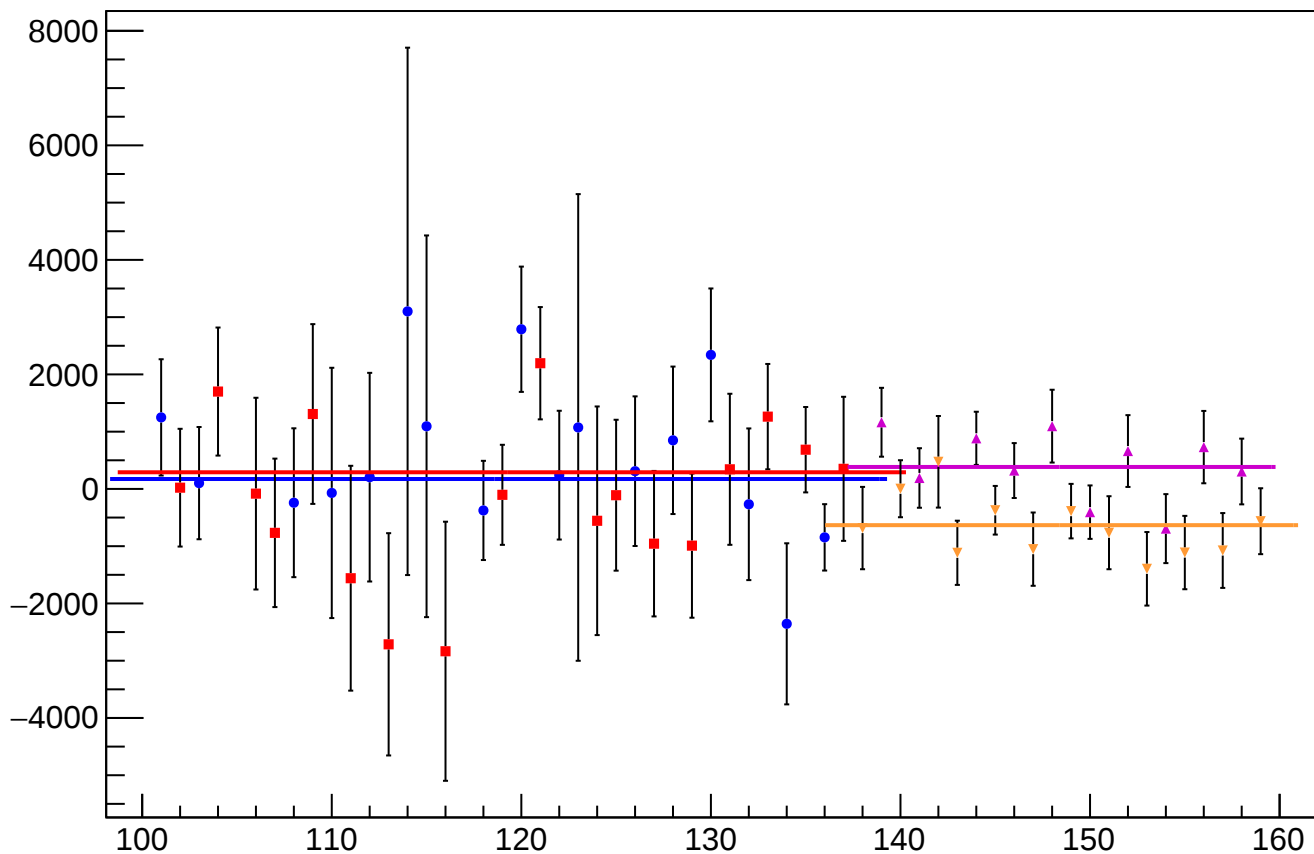
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 570.823 $\pm$ 0.108 χ^2 /NDF: 1692634.6/26

Out: 569.880 $\pm$ 0.104 χ^2 /NDF: 2153566.6/29

All: 570.336 $\pm$ 0.075 χ^2 /NDF: 3846240.7/56

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: -632.851 $\pm$ 167.143 χ^2/NDF : 7.8/11

Right Out: 290.799 $\pm$ 283.545 χ^2/NDF : 15.6/17

Left In: 383.620 $\pm$ 173.122 χ^2/NDF : 10.8/9

Left: -142.471 $\pm$ 120.246 χ^2/NDF : 36.5/21

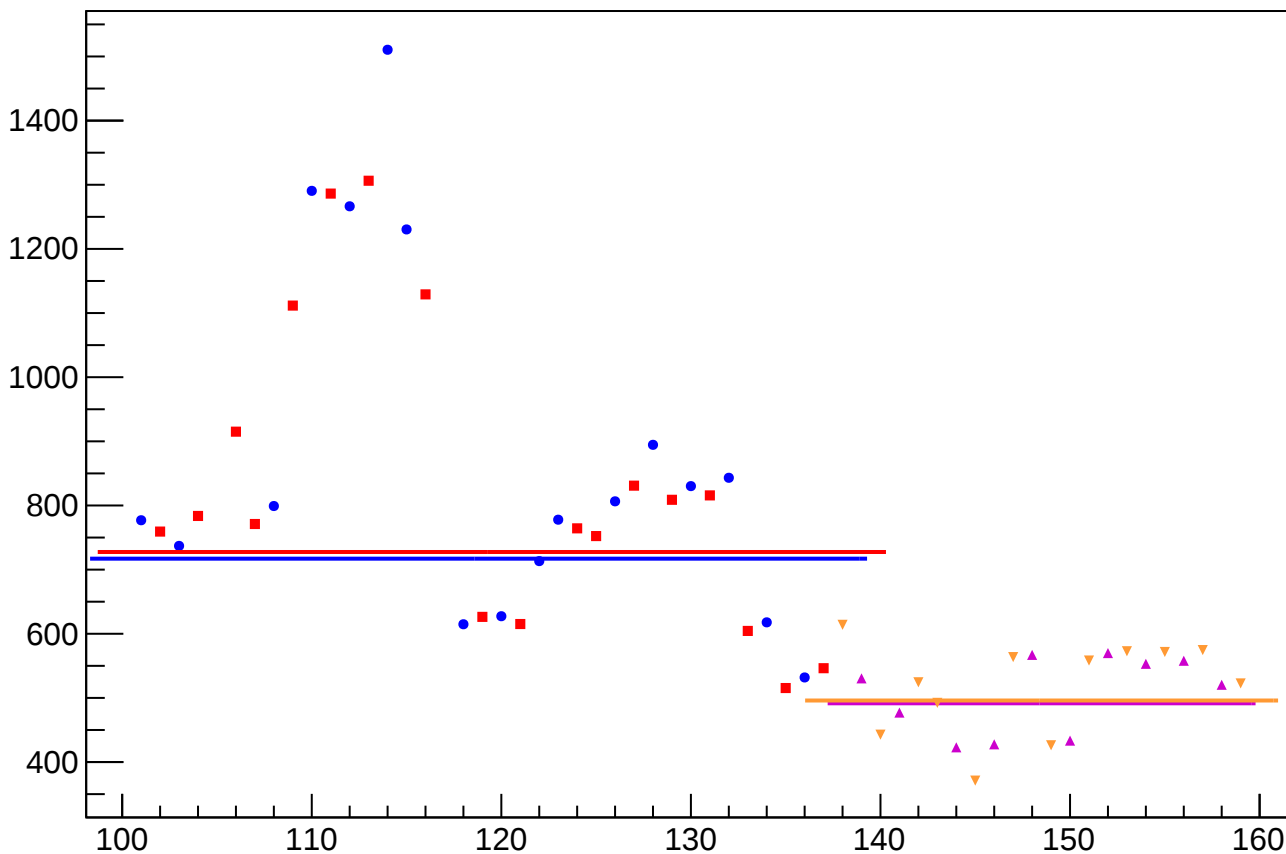
Right: 232.430 $\pm$ 201.245 χ^2/NDF : 33.8/34

In: 327.095 $\pm$ 148.056 χ^2/NDF : 29.3/26

Out: -394.665 $\pm$ 143.988 χ^2/NDF : 31.4/29

All: -43.838 $\pm$ 103.223 χ^2/NDF : 72.9/56

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: 495.954 $\pm$ 0.118 χ^2 /NDF: 426362.4/11

Right Out: 727.490 $\pm$ 0.200 χ^2 /NDF: 881036.5/17

Left In: 491.594 $\pm$ 0.122 χ^2 /NDF: 227718.1/9

Left: 493.851 $\pm$ 0.085 χ^2 /NDF: 654737.1/21

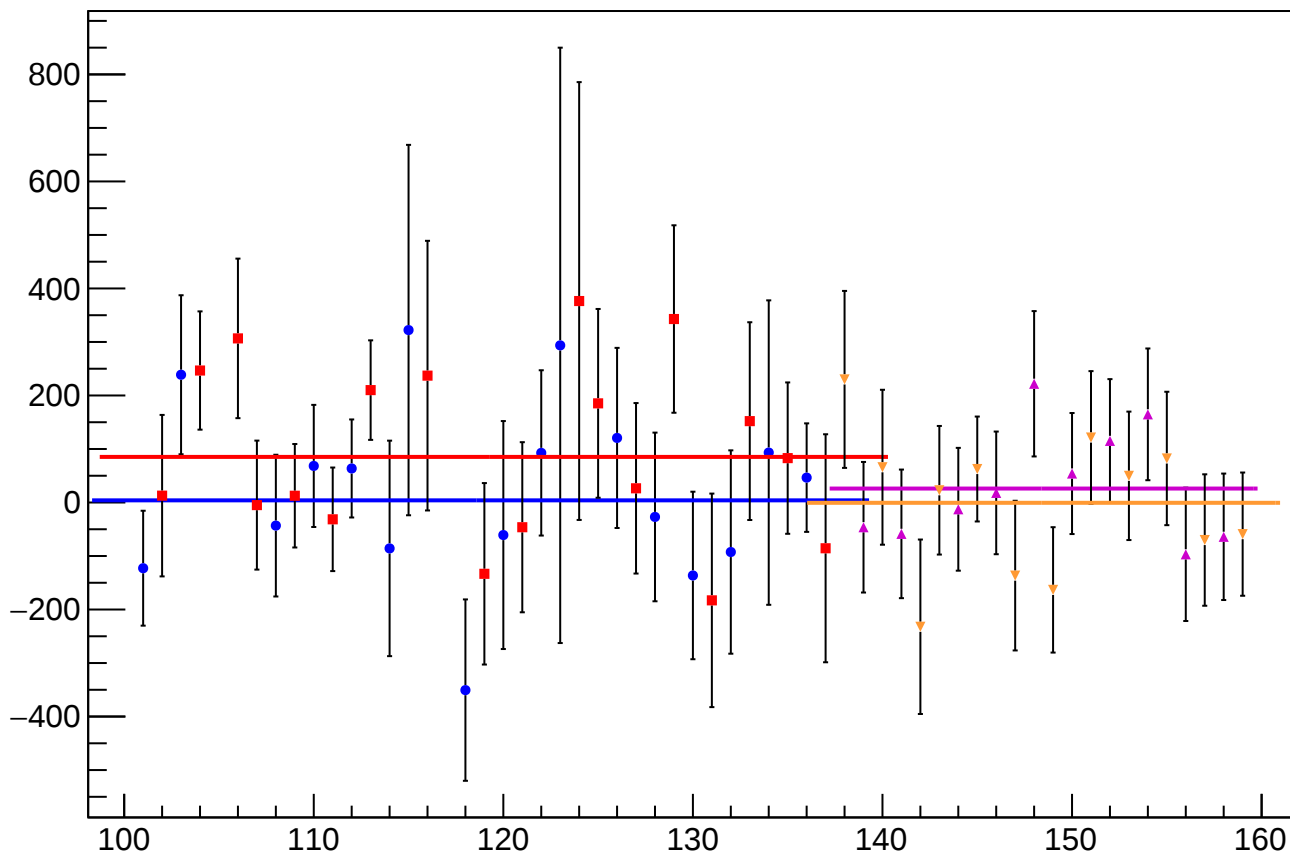
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 552.162 $\pm$ 0.105 χ^2 /NDF: 1921534.0/26

Out: 555.661 $\pm$ 0.102 χ^2 /NDF: 2297085.1/29

All: 553.960 $\pm$ 0.073 χ^2 /NDF: 4219193.2/56

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: -0.574+/-36.282 χ^2/NDF : 9.7/11

Right Out: 85.205+/-33.413 χ^2/NDF : 17.4/17

Left In: 26.059+/-37.852 χ^2/NDF : 6.5/9

Left: 12.179+/-26.193 χ^2/NDF : 16.5/21

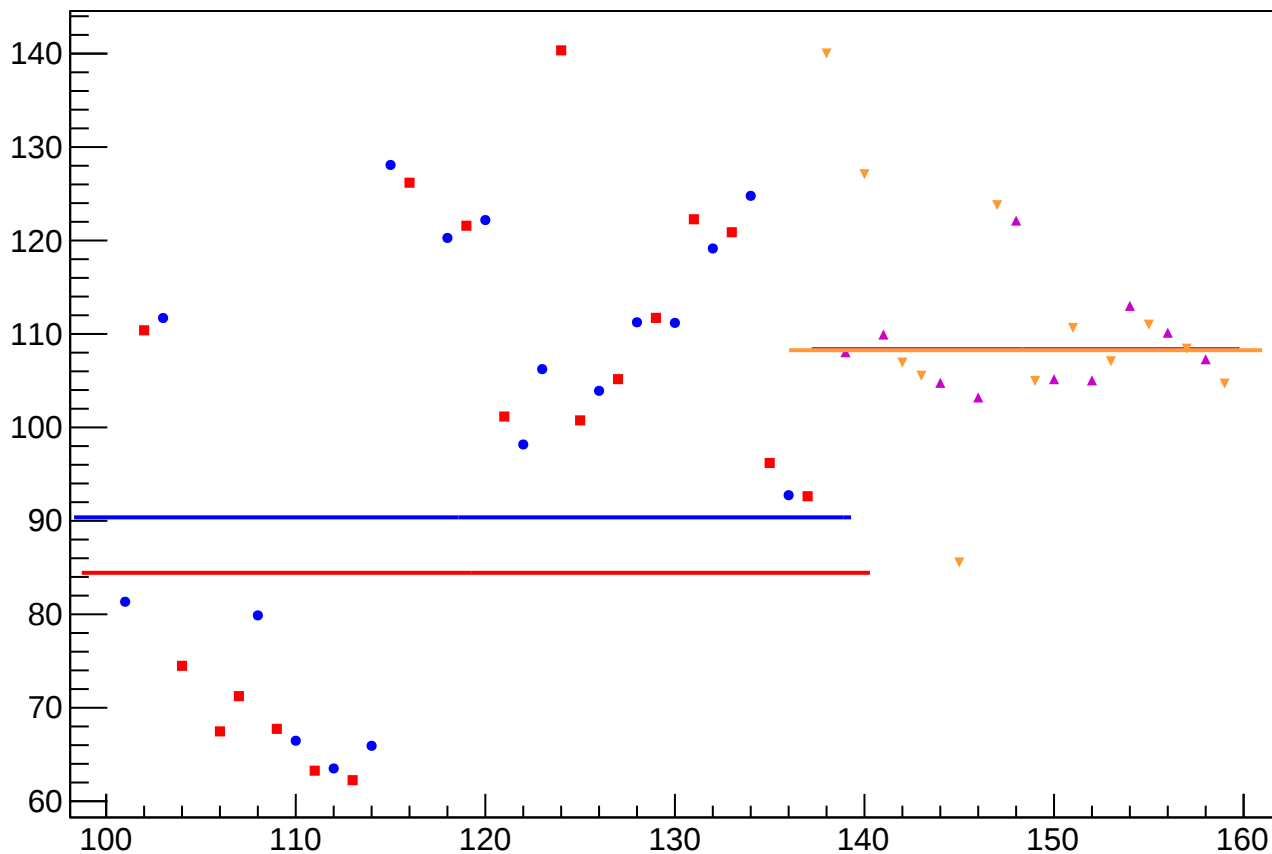
Right: 47.574+/-24.474 χ^2/NDF : 32.8/34

In: 14.467+/-26.067 χ^2/NDF : 19.4/26

Out: 45.840+/-24.578 χ^2/NDF : 30.1/29

All: 31.075+/-17.883 χ^2/NDF : 50.3/56

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375+/-0.025 χ^2/NDF : 654139.7/16

Left Out: 108.263+/-0.026 χ^2/NDF : 246075.3/11

Right Out: 84.442+/-0.024 χ^2/NDF : 870835.6/17

Left In: 108.383+/-0.027 χ^2/NDF : 33598.4/9

Left: 108.320+/-0.019 χ^2/NDF : 279684.2/21

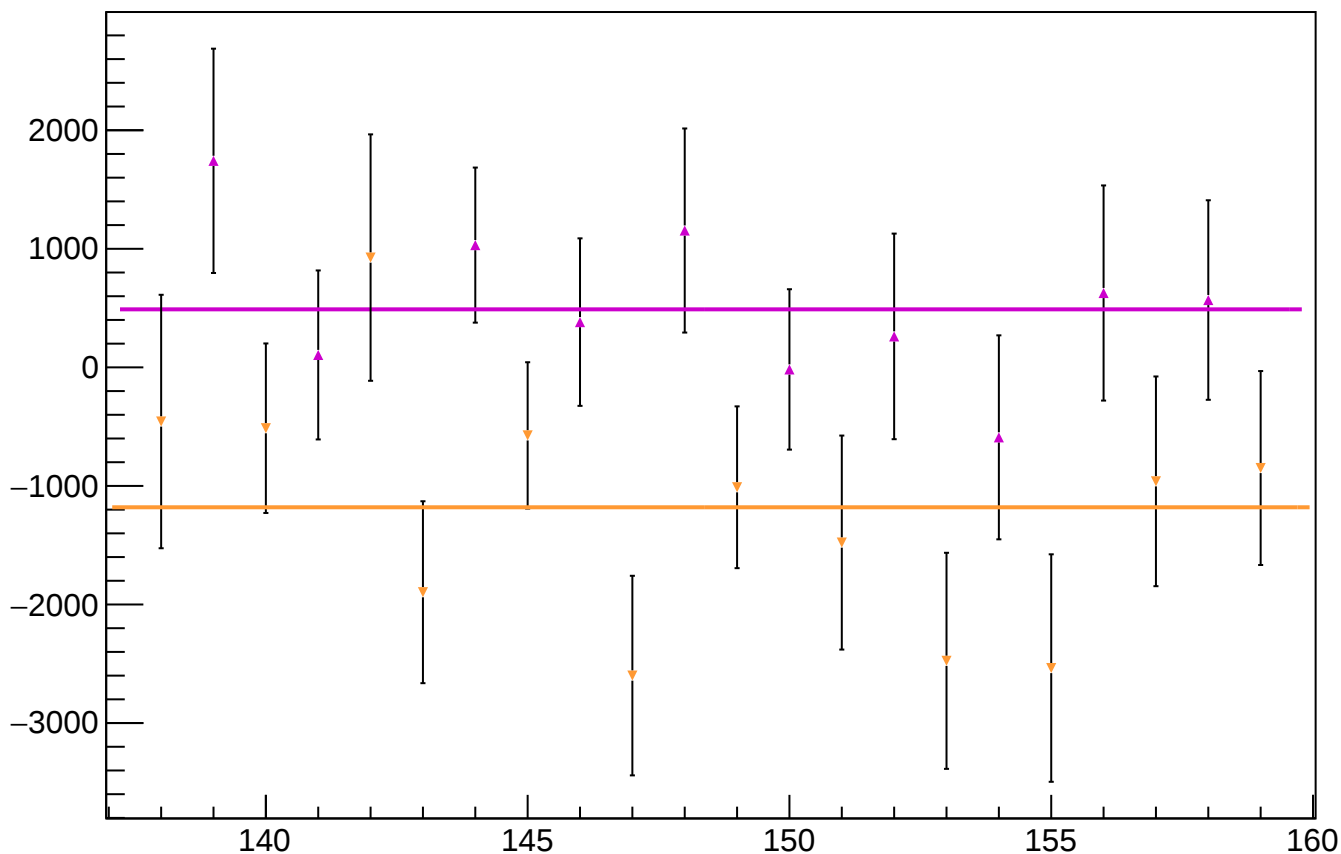
Right: 87.192+/-0.017 χ^2/NDF : 1554203.3/34

In: 98.915+/-0.018 χ^2/NDF : 925717.4/26

Out: 95.374+/-0.017 χ^2/NDF : 1583399.9/29

All: 97.040+/-0.013 χ^2/NDF : 2528661.6/56

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 489.353+/-247.899 χ^2/NDF :5.6/9

Left: -385.963+/-170.977 χ^2/NDF : 43.9/21

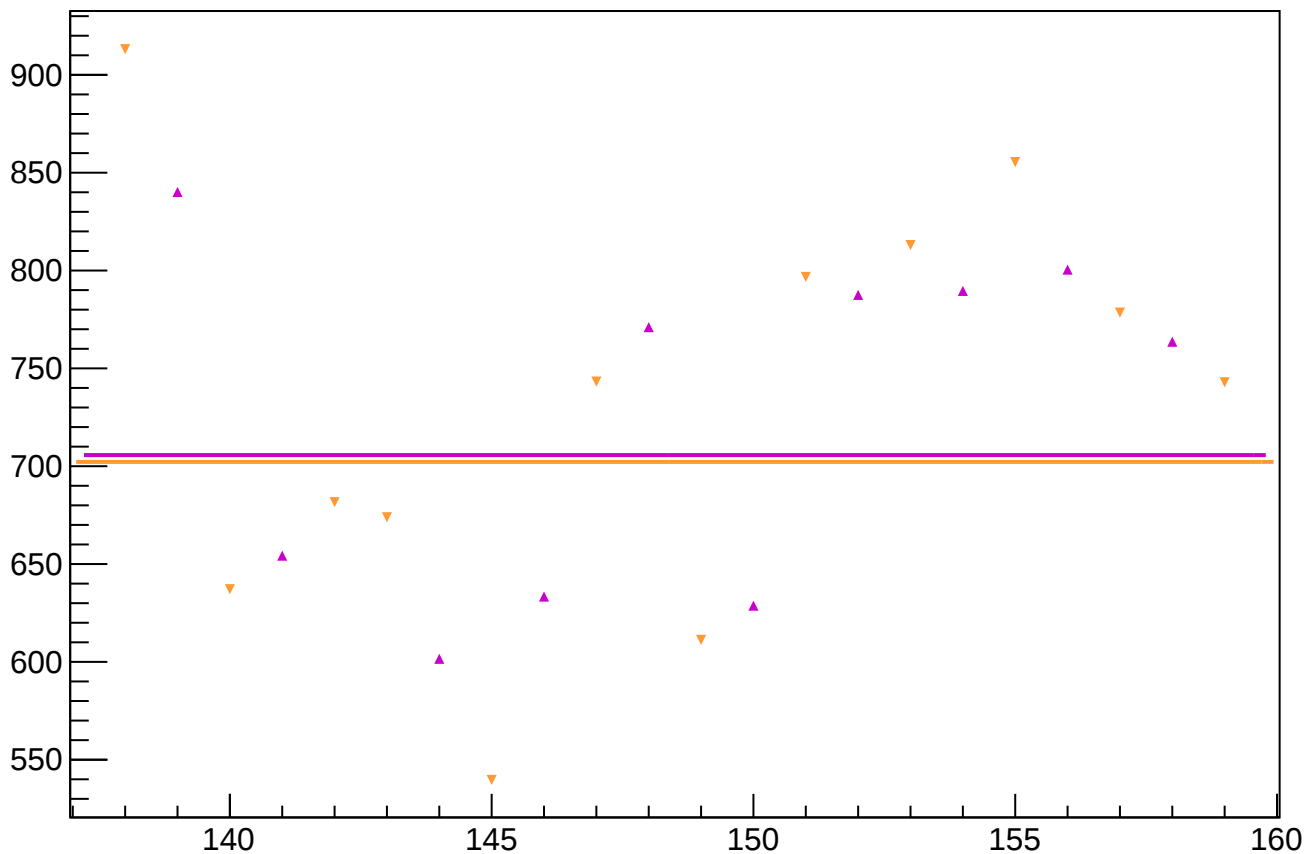
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.353+/-247.899 χ^2/NDF :5.6/9

Out: -1180.119+/-236.127 χ^2/NDF :14.5/11

All: -385.963+/-170.977 χ^2/NDF : 43.9/21

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Left: 703.865+/-0.121 χ^2/NDF : 627697.0/21

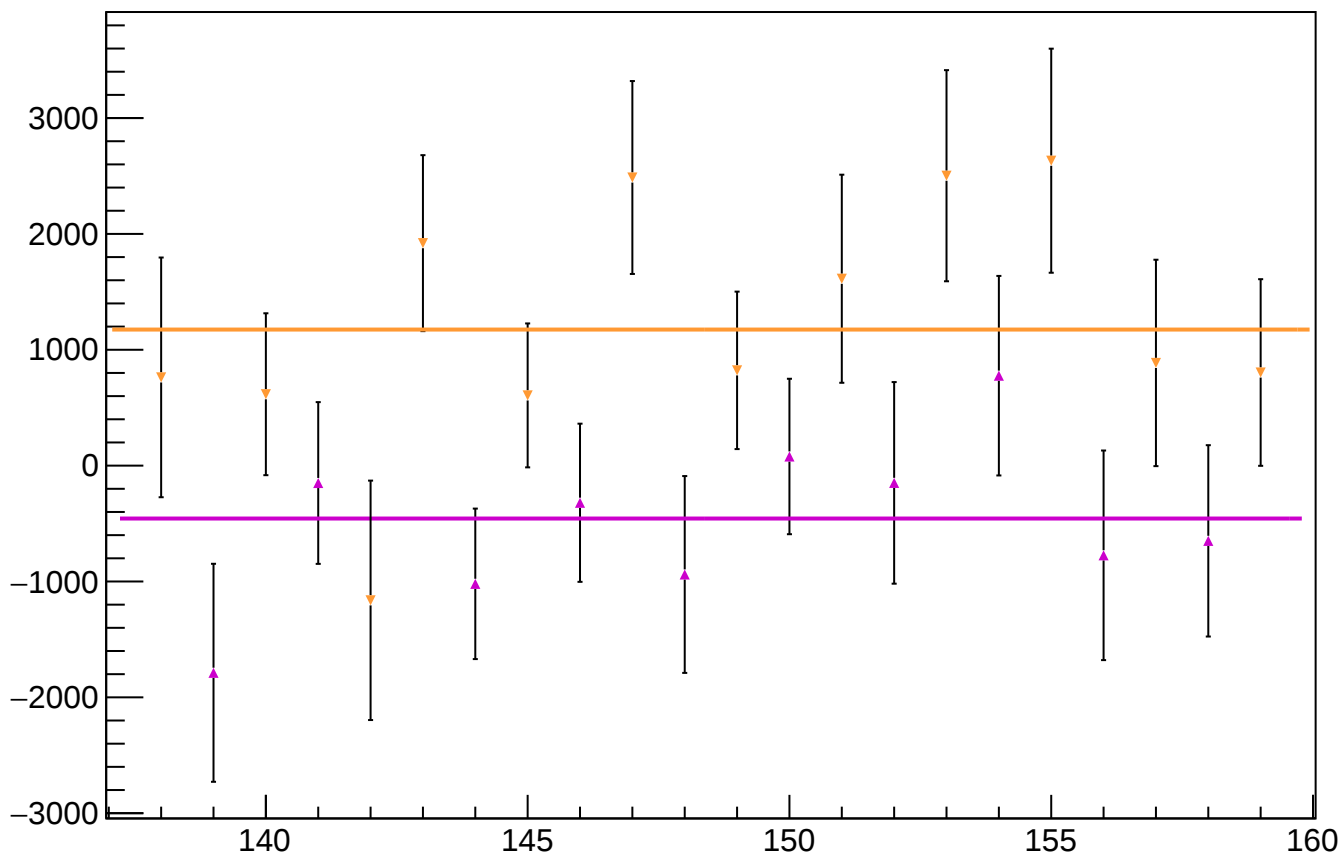
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Out: 702.206+/-0.167 χ^2/NDF :399438.1/11

All: 703.865+/-0.121 χ^2/NDF : 627697.0/21

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -456.624+/-244.963 χ^2/NDF :6.3/9

Left: 394.153+/-169.434 χ^2/NDF : 44.8/21

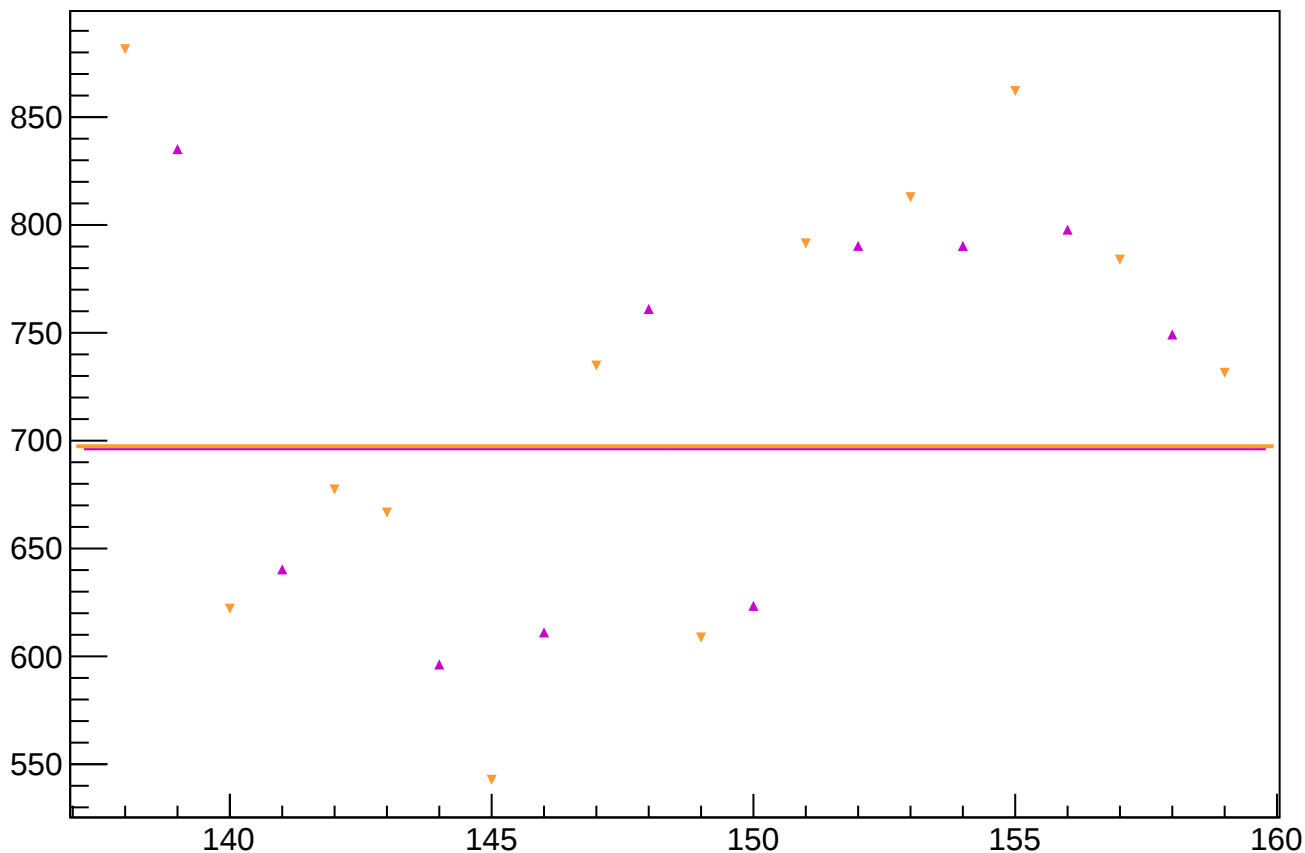
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.624+/-244.963 χ^2/NDF :6.3/9

Out: 1174.485+/-234.603 χ^2/NDF :15.4/11

All: 394.153+/-169.434 χ^2/NDF : 44.8/21

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Left: 696.953+/-0.120 χ^2/NDF : 638006.9/21

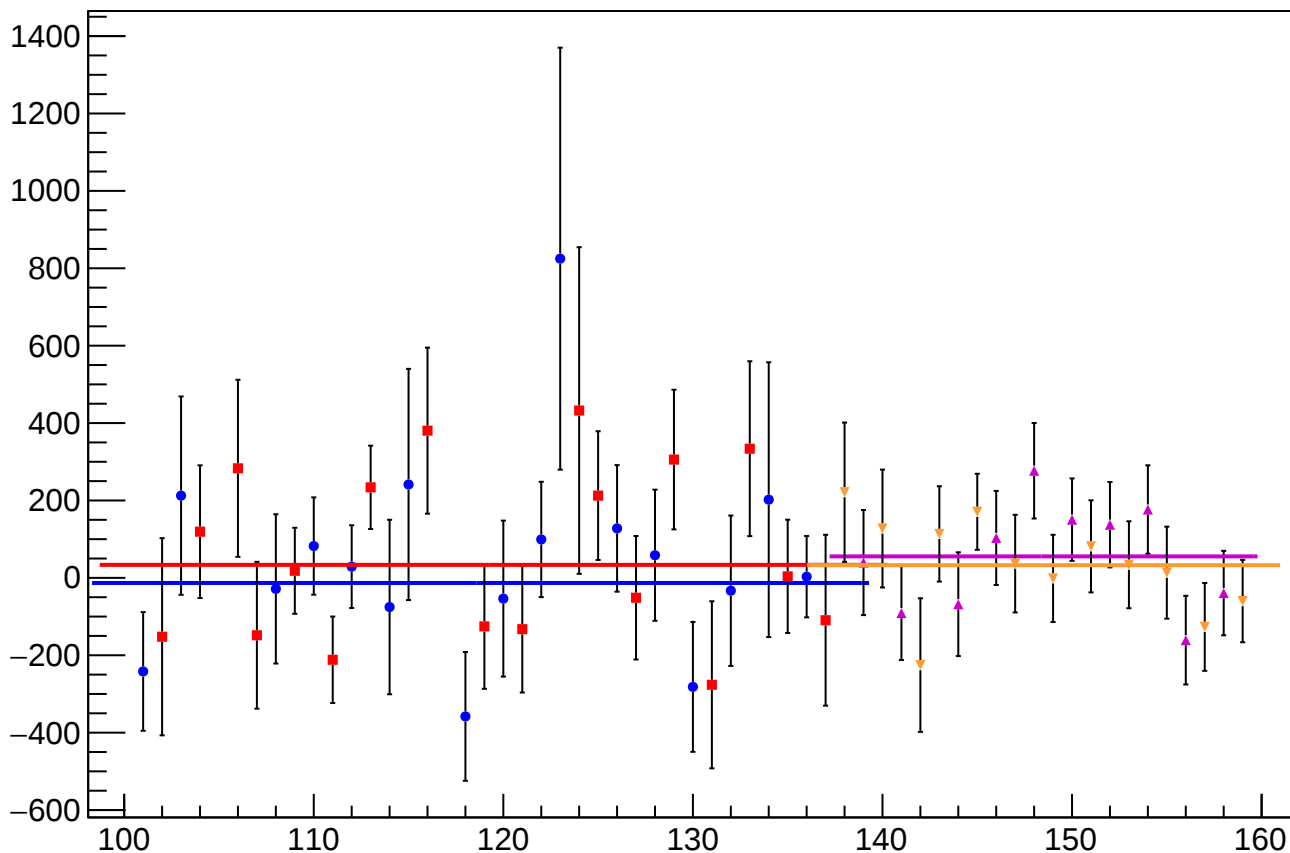
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Out: 697.407+/-0.166 χ^2/NDF :387132.9/11

All: 696.953+/-0.120 χ^2/NDF : 638006.9/21

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: 32.802 ± 35.241 $\chi^2/\text{NDF}: 9.1/11$

Right Out: 33.637 ± 38.891 $\chi^2/\text{NDF}: 24.7/17$

Left In: 55.483 ± 37.316 $\chi^2/\text{NDF}: 12.5/9$

Left: 43.494 ± 25.622 $\chi^2/\text{NDF}: 21.8/21$

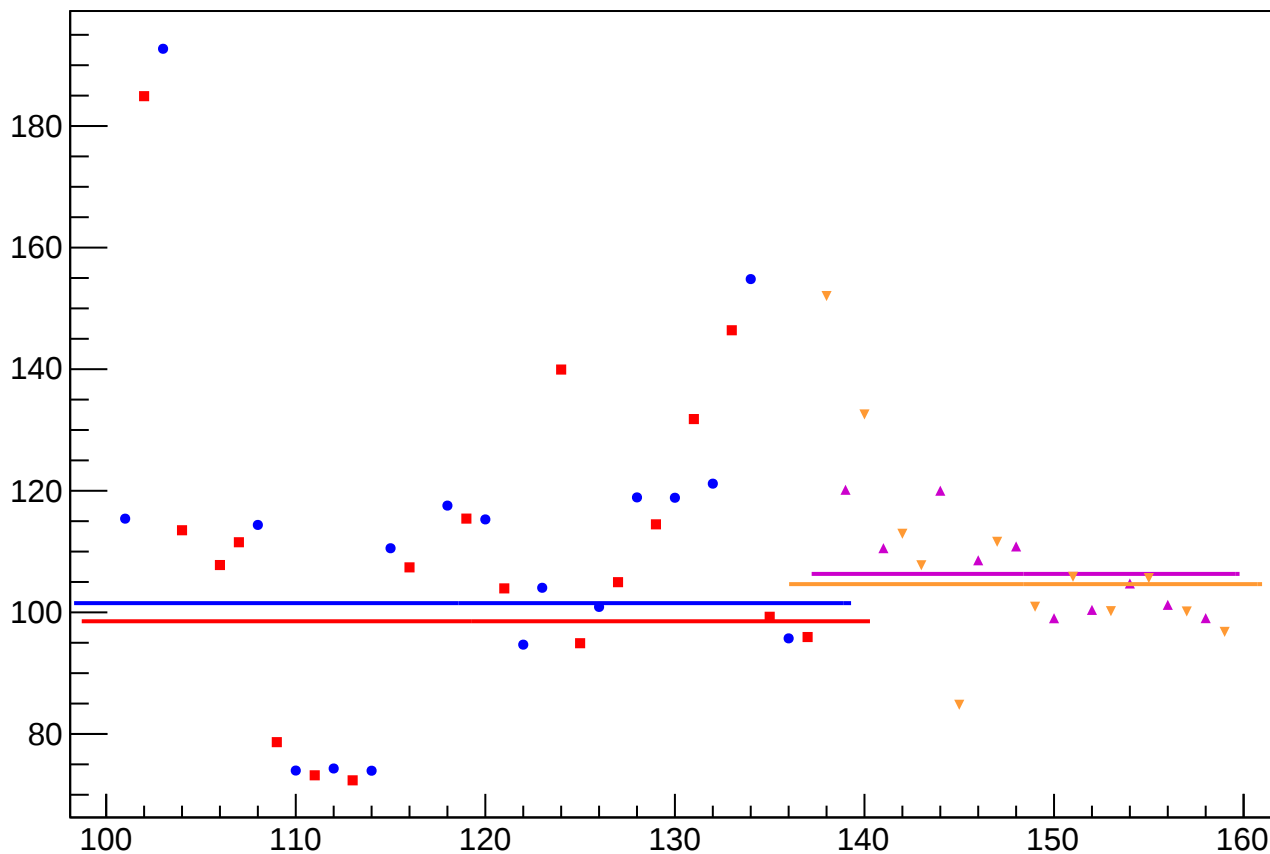
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 23.985 ± 27.460 $\chi^2/\text{NDF}: 29.7/26$

Out: 33.178 ± 26.115 $\chi^2/\text{NDF}: 33.8/29$

All: 28.812 ± 18.924 $\chi^2/\text{NDF}: 63.6/56$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 ± 0.029 χ^2/NDF : 681713.7/16

Left Out: 104.646 ± 0.025 χ^2/NDF : 319081.2/11

Right Out: 98.537 ± 0.028 χ^2/NDF : 746979.4/17

Left In: 106.328 ± 0.026 χ^2/NDF : 75738.8/9

Left: 105.439 ± 0.018 χ^2/NDF : 396969.1/21

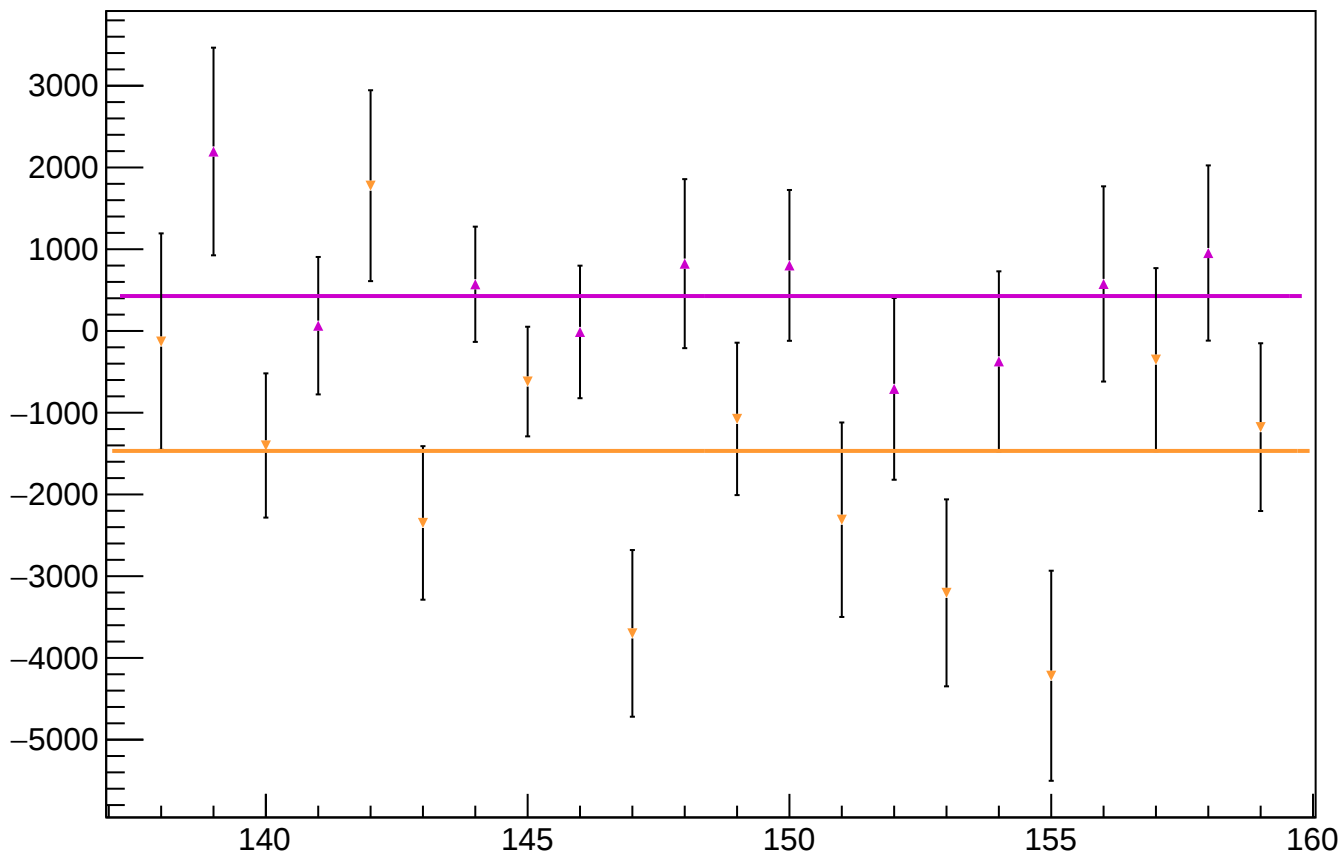
Right: 99.965 ± 0.020 χ^2/NDF : 1434328.3/34

In: 104.123 ± 0.019 χ^2/NDF : 772684.1/26

Out: 101.891 ± 0.018 χ^2/NDF : 1093161.5/29

All: 102.951 ± 0.013 χ^2/NDF : 1872784.5/56

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 427.290+/-303.129 χ^2/NDF :4.6/9

Left: -561.741+/-209.585 χ^2/NDF : 49.7/21

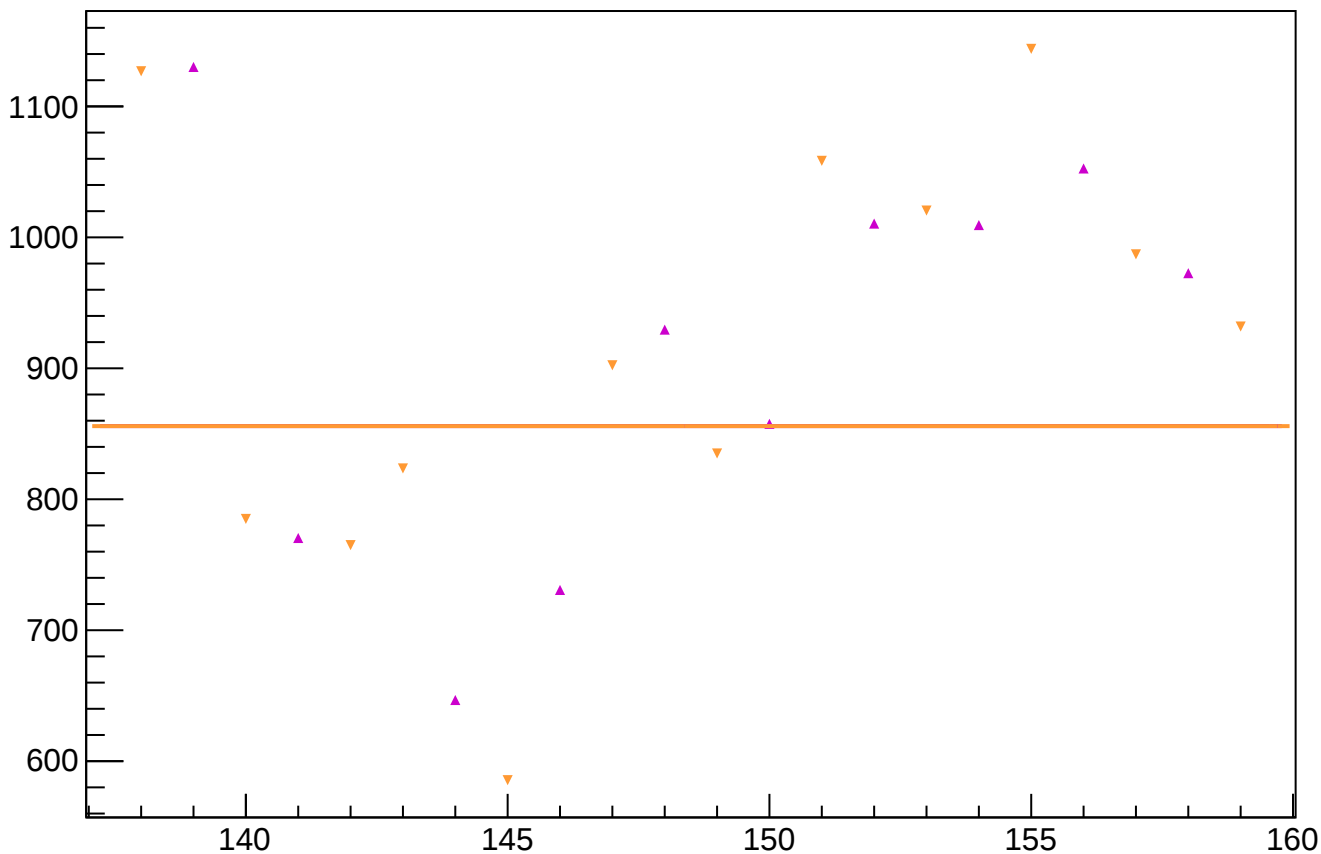
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.290+/-303.129 χ^2/NDF :4.6/9

Out: -1467.550+/-290.096 χ^2/NDF :24.7/11

All: -561.741+/-209.585 χ^2/NDF : 49.7/21

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

Left: 855.873+/-0.148 χ^2/NDF : 1183137.0/21

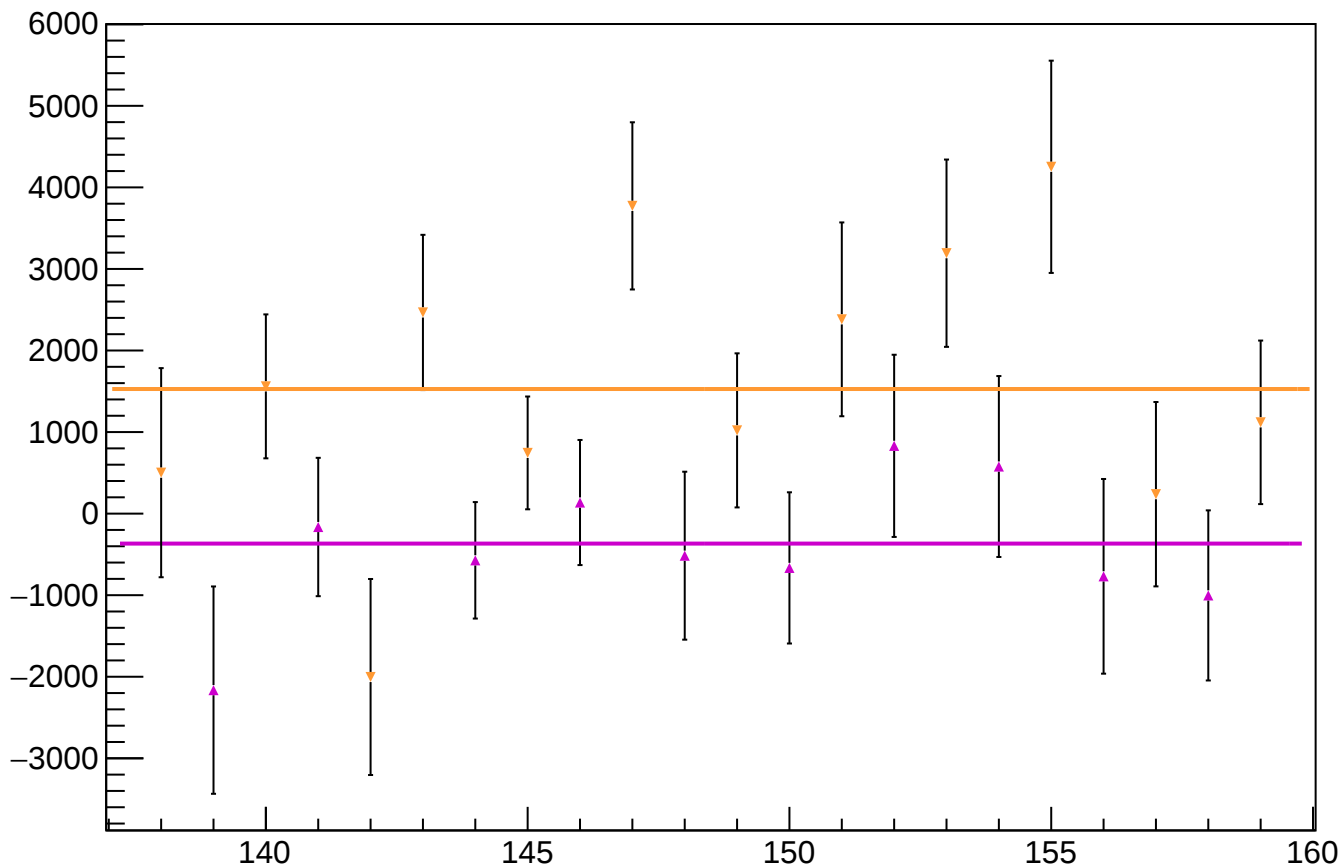
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

Out: 855.850+/-0.205 χ^2/NDF : 679837.1/11

All: 855.873+/-0.148 χ^2/NDF : 1183137.0/21

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -367.370+/-301.328 χ^2/NDF :5.1/9

Left: 608.435+/-209.879 χ^2/NDF : 50.5/21

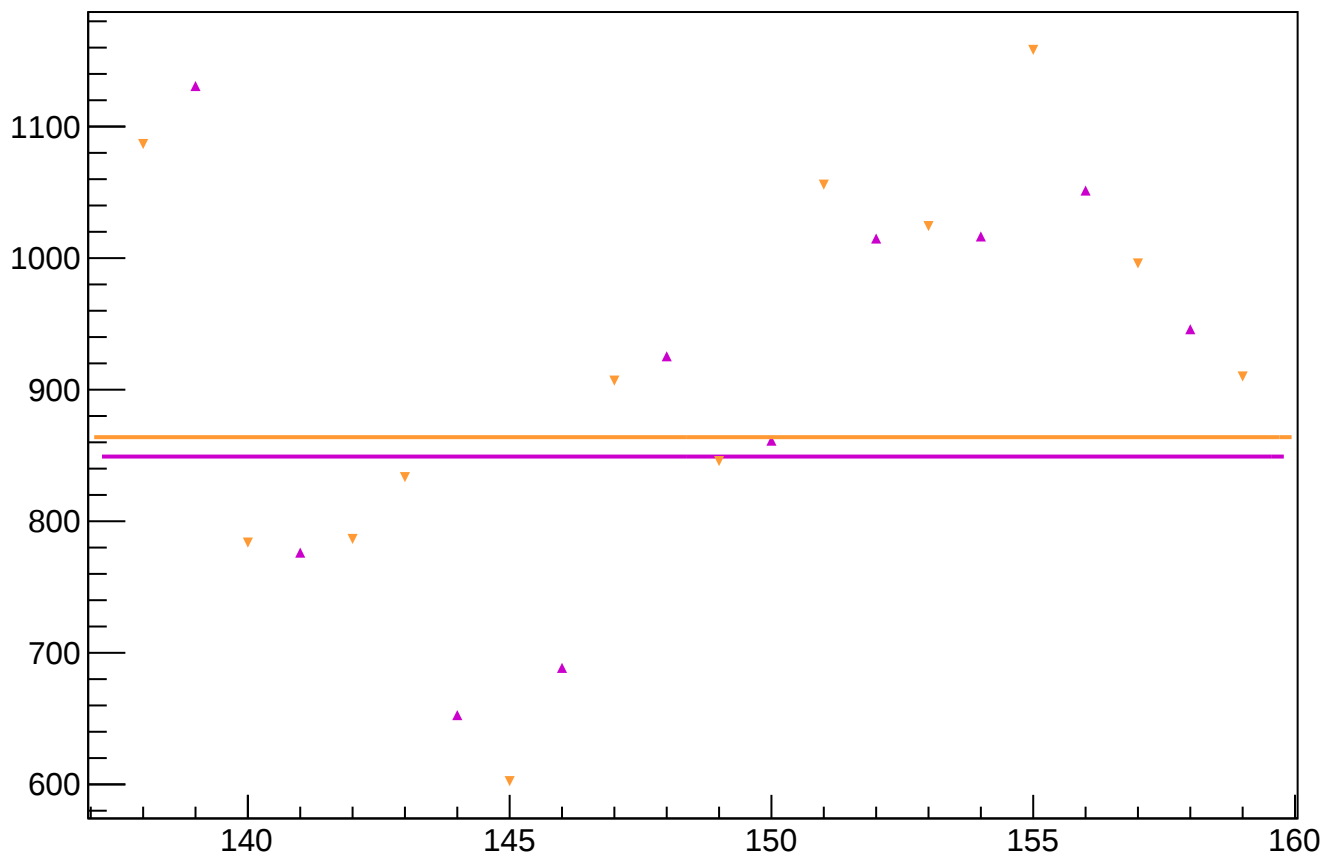
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -367.370+/-301.328 χ^2/NDF :5.1/9

Out: 1527.886+/-292.498 χ^2/NDF :25.1/11

All: 608.435+/-209.879 χ^2/NDF : 50.5/21

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 863.917+/-0.207 χ^2/NDF : 602498.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

Left: 856.768+/-0.148 χ^2/NDF : 1132607.6/21

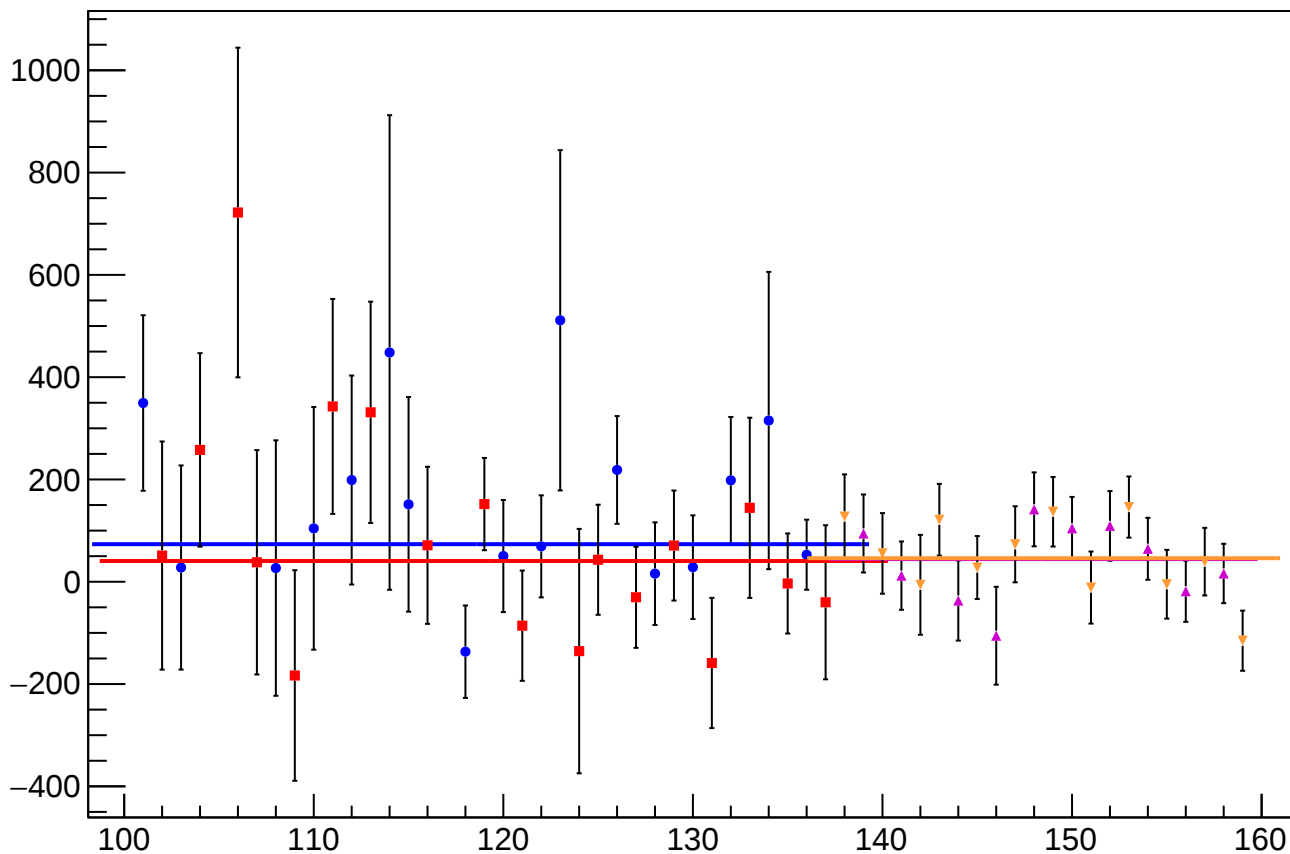
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

Out: 863.917+/-0.207 χ^2/NDF : 602498.0/11

All: 856.768+/-0.148 χ^2/NDF : 1132607.6/21

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: 46.056 $\pm$ 20.009 χ^2 /NDF:16.0/11

Right Out: 40.594 $\pm$ 32.745 χ^2 /NDF: 18.2/17

Left In: 44.358 $\pm$ 21.366 χ^2 /NDF:9.3/9

Left: 45.263 $\pm$ 14.605 χ^2 /NDF: 25.3/21

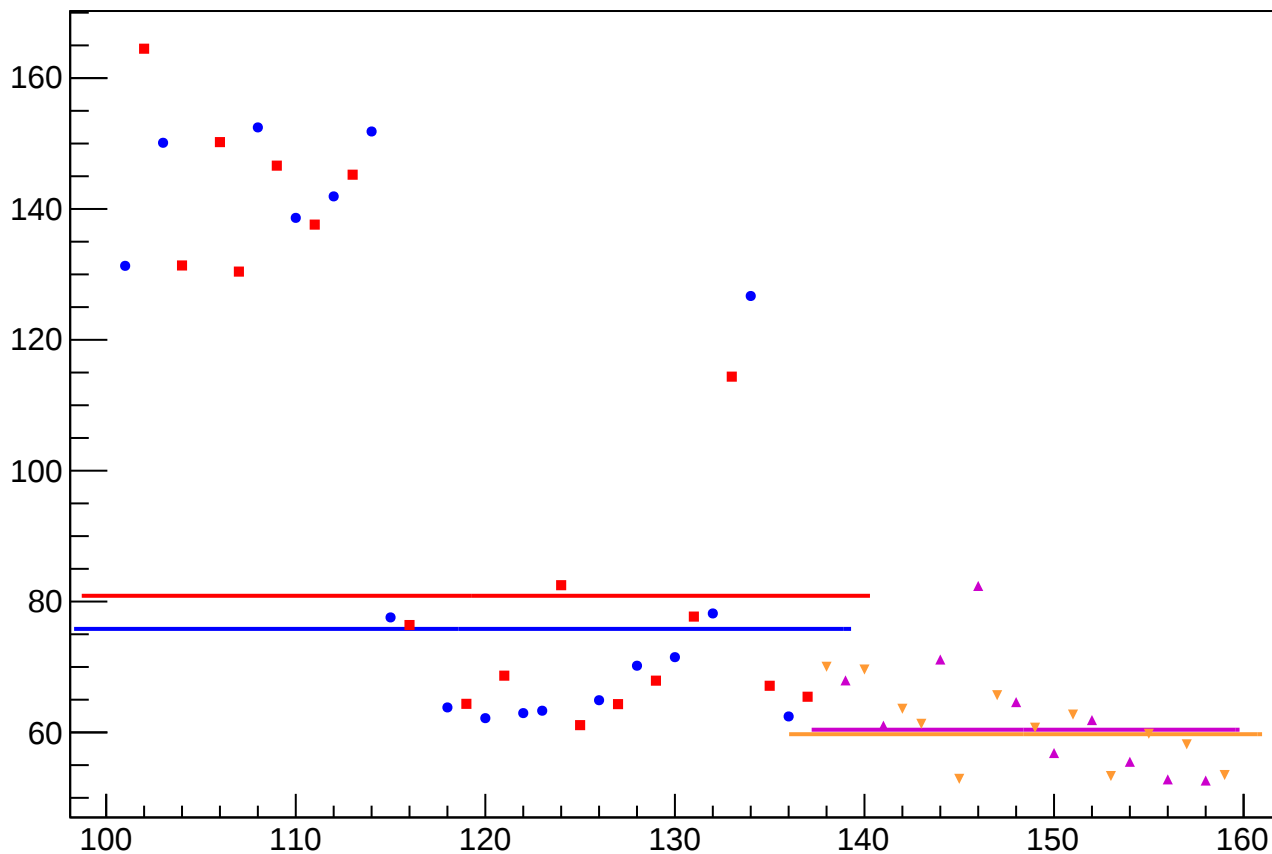
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 53.701 $\pm$ 17.603 χ^2 /NDF:25.2/26

Out: 44.571 $\pm$ 17.074 χ^2 /NDF:34.2/29

All: 48.997 $\pm$ 12.256 χ^2 /NDF: 59.5/56

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: 59.727 $\pm$ 0.014 χ^2 /NDF:154863.0/11

Right Out: 80.881 $\pm$ 0.023 χ^2 /NDF: 1526044.5/17

Left In: 60.413 $\pm$ 0.015 χ^2 /NDF:258277.6/9

Left: 60.047 $\pm$ 0.010 χ^2 /NDF: 414238.8/21

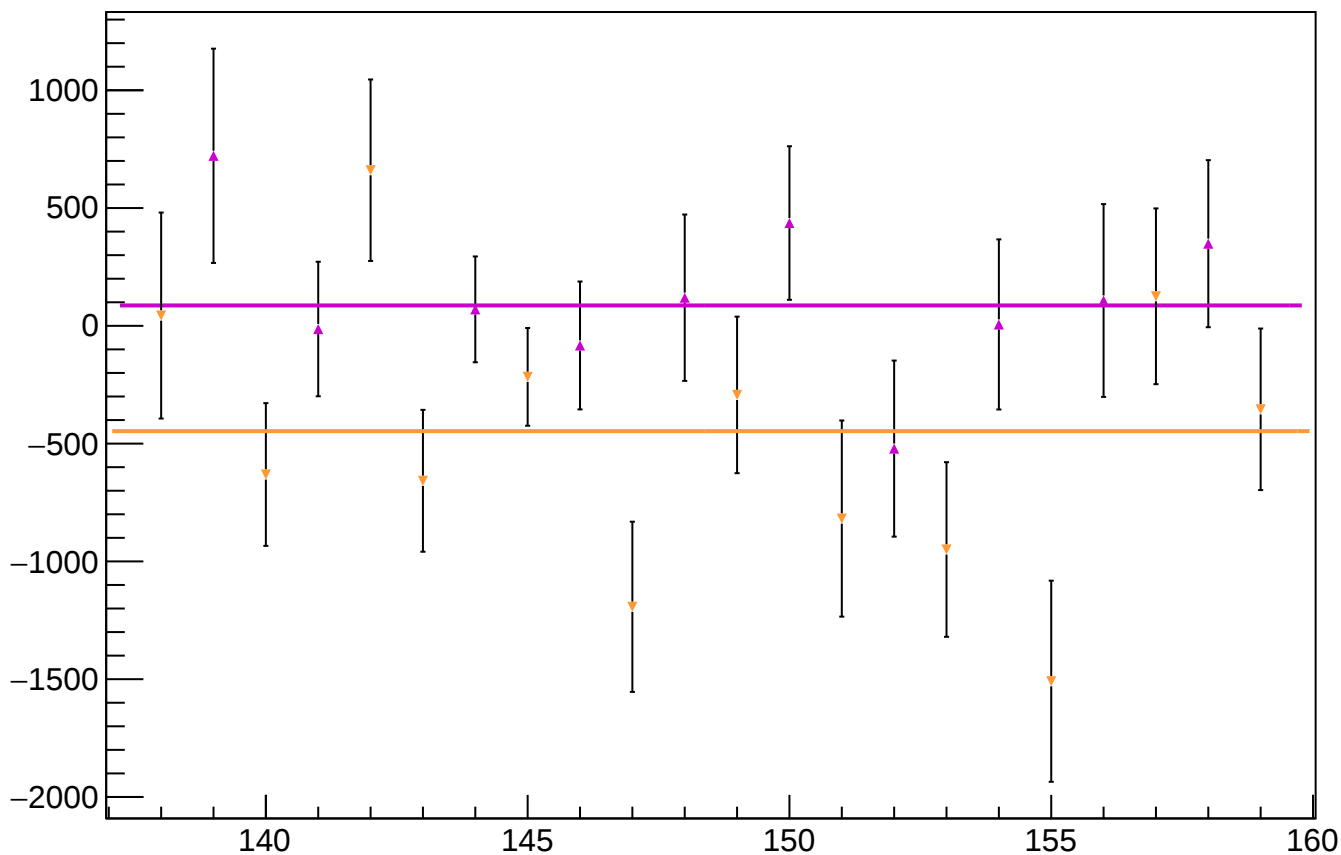
Right: 78.217 $\pm$ 0.016 χ^2 /NDF: 2901160.0/34

In: 65.362 $\pm$ 0.012 χ^2 /NDF:1942265.4/26

Out: 65.478 $\pm$ 0.012 χ^2 /NDF:2288688.5/29

All: 65.422 $\pm$ 0.009 χ^2 /NDF: 4230999.2/56

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -446.942+/-96.198 χ^2/NDF : 27.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 86.594+/-101.703 χ^2/NDF : 6.9/9

Left: -195.004+/-69.887 χ^2/NDF : 48.7/21

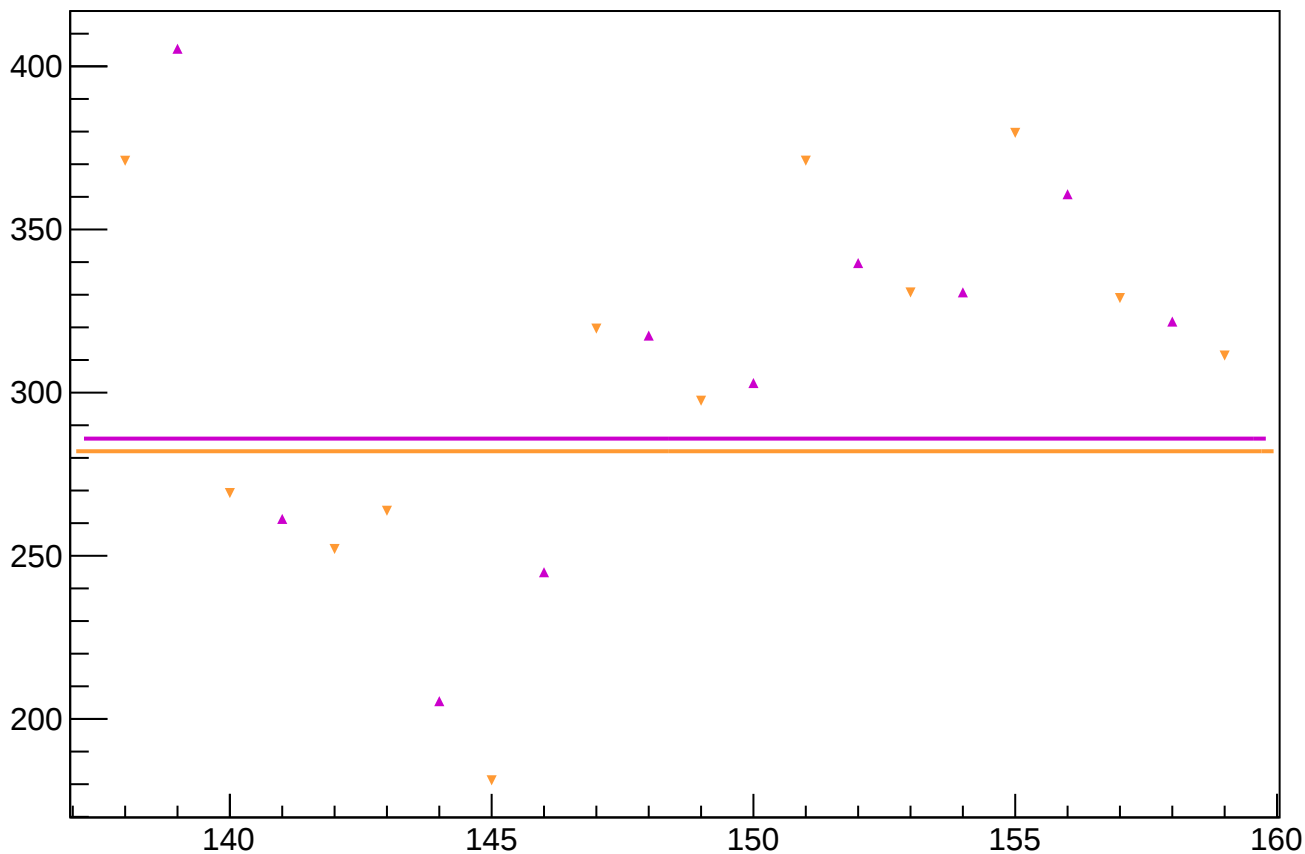
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.594+/-101.703 χ^2/NDF : 6.9/9

Out: -446.942+/-96.198 χ^2/NDF : 27.3/11

All: -195.004+/-69.887 χ^2/NDF : 48.7/21

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 282.037+/-0.068 χ^2/NDF :880910.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 285.911+/-0.072 χ^2/NDF :636293.1/9

Left: 283.866+/-0.049 χ^2/NDF : 1518734.5/21

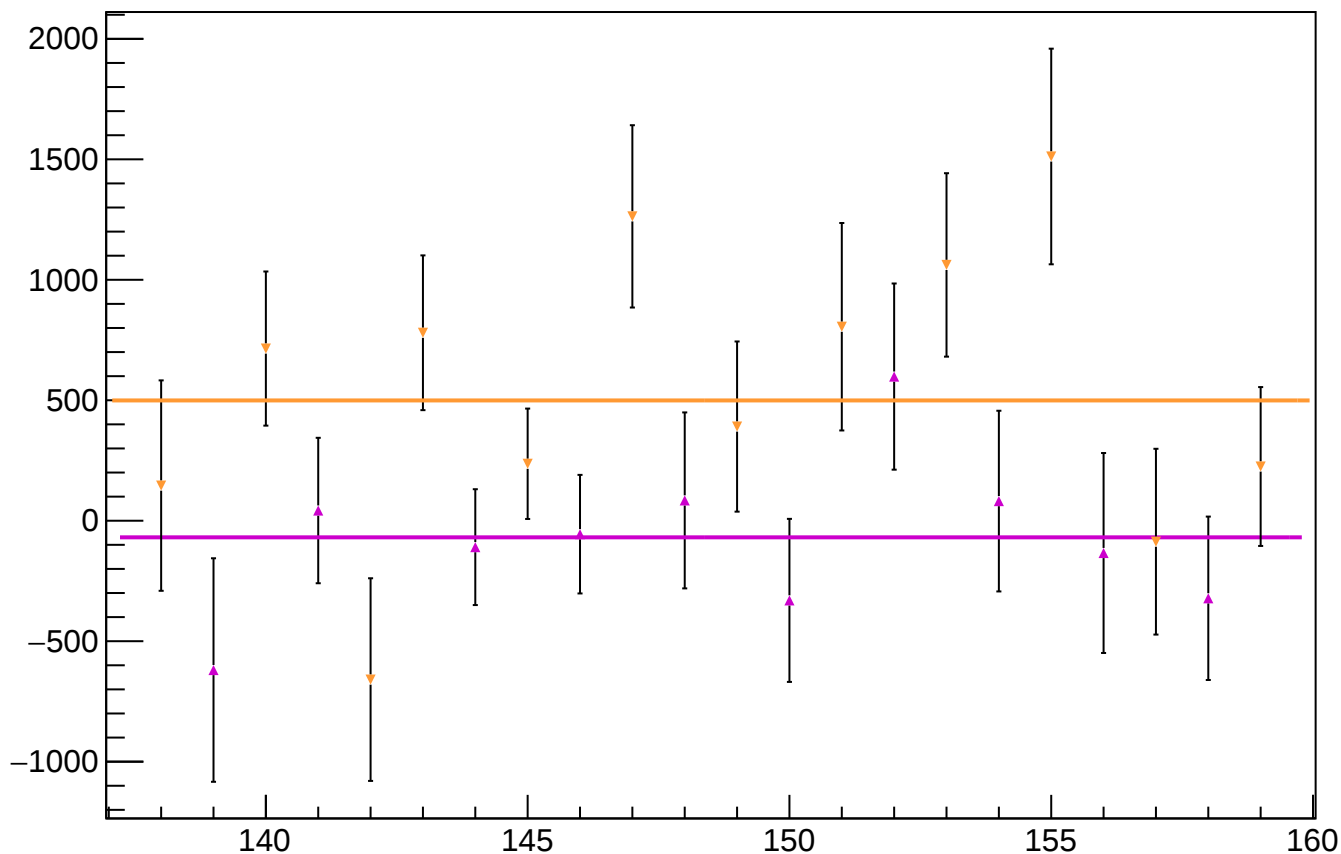
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 285.911+/-0.072 χ^2/NDF :636293.1/9

Out: 282.037+/-0.068 χ^2/NDF :880910.3/11

All: 283.866+/-0.049 χ^2/NDF : 1518734.5/21

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 499.295+/-101.200 χ^2/NDF : 25.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -68.920+/-103.146 χ^2/NDF : 6.1/9

Left: 220.597+/-72.237 χ^2/NDF : 47.3/21

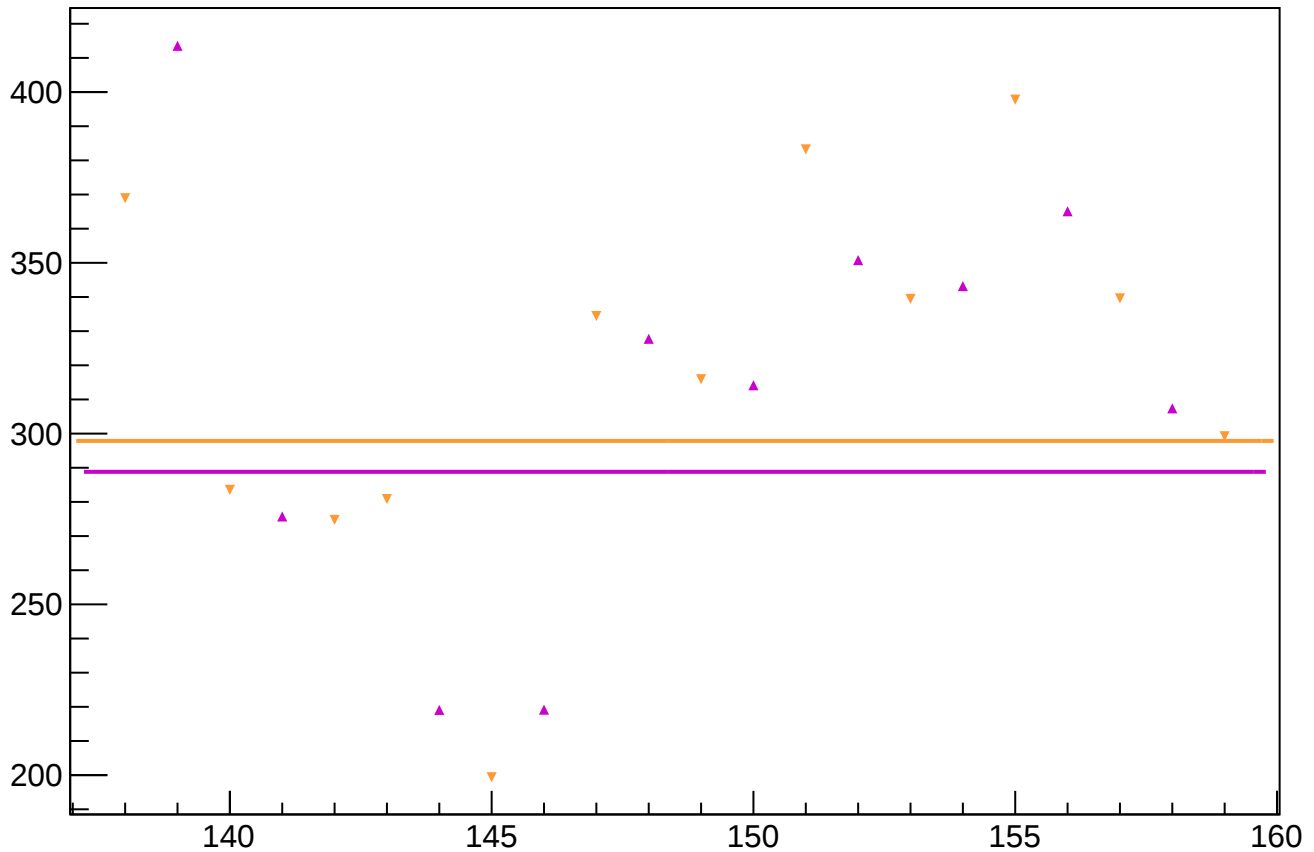
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.920+/-103.146 χ^2/NDF : 6.1/9

Out: 499.295+/-101.200 χ^2/NDF : 25.8/11

All: 220.597+/-72.237 χ^2/NDF : 47.3/21

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Left: 293.424+/-0.051 χ^2/NDF : 1373543.8/21

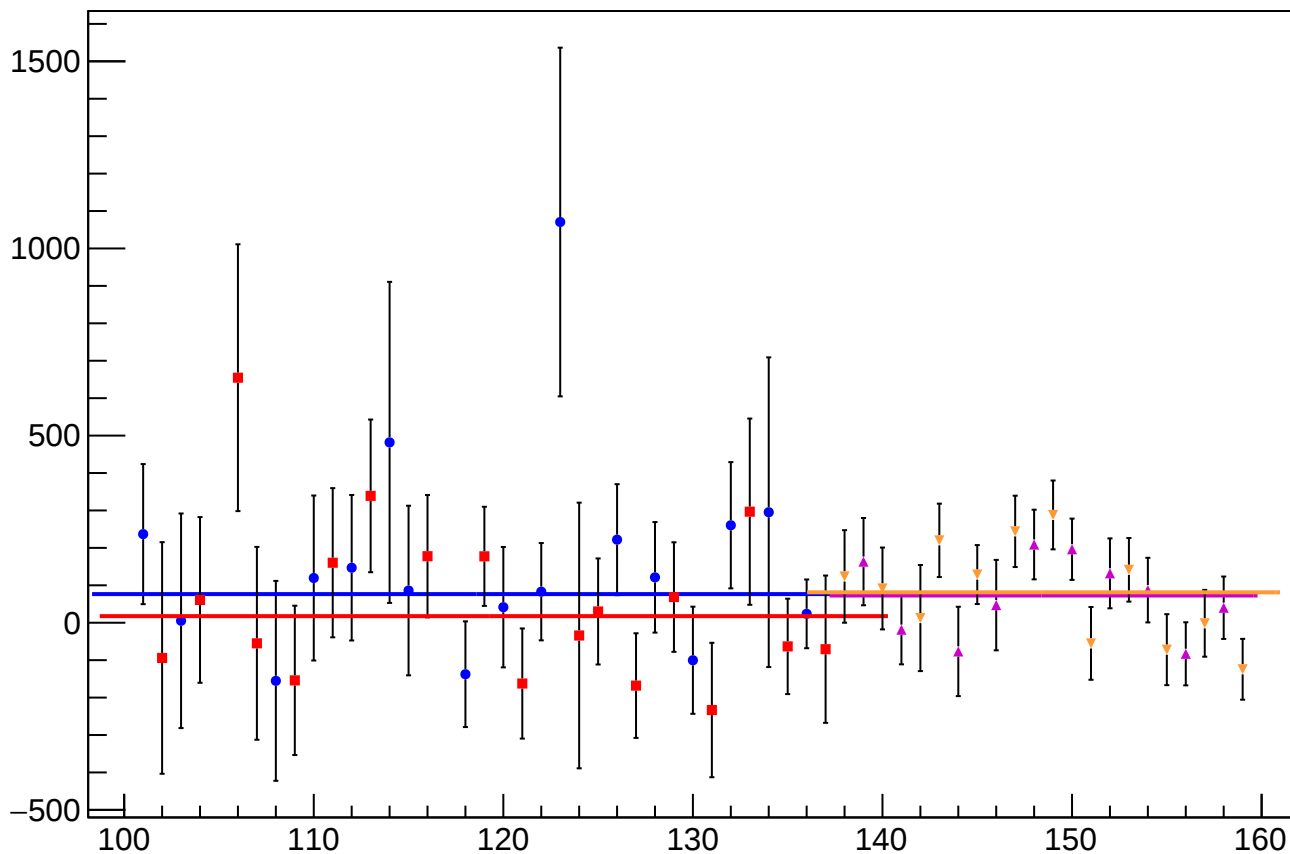
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Out: 297.864+/-0.072 χ^2/NDF : 687788.6/11

All: 293.424+/-0.051 χ^2/NDF : 1373543.8/21

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: 81.258 $\pm$ 27.474 χ^2/NDF :23.0/11

Right Out: 17.605 $\pm$ 42.297 χ^2/NDF : 16.8/17

Left In: 72.752 $\pm$ 29.785 χ^2/NDF :11.6/9

Left: 77.348 $\pm$ 20.195 χ^2/NDF : 34.7/21

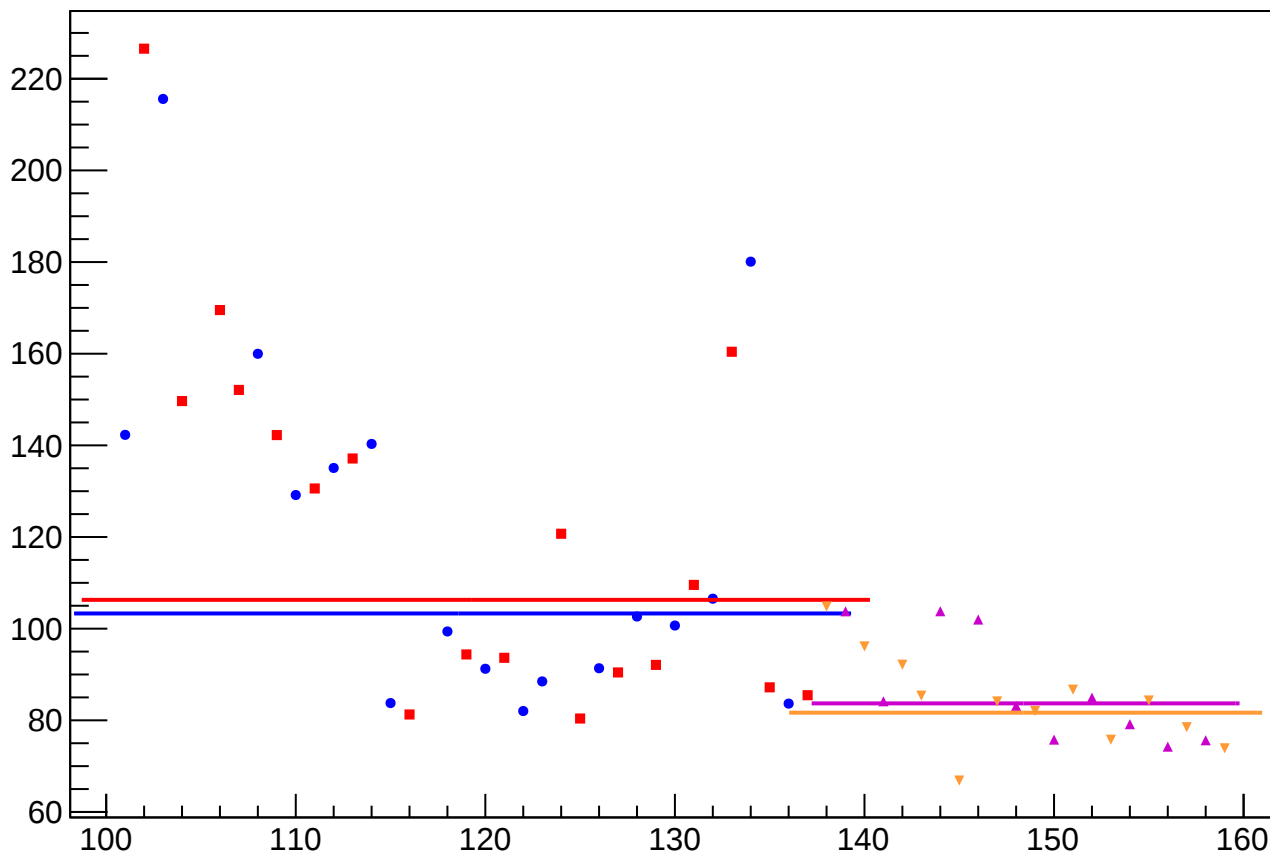
Right: 47.573 $\pm$ 29.644 χ^2/NDF : 31.7/34

In: 74.025 $\pm$ 24.209 χ^2/NDF :25.5/26

Out: 62.371 $\pm$ 23.040 χ^2/NDF :41.5/29

All: 67.910 $\pm$ 16.690 χ^2/NDF : 67.1/56

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: 81.665 $\pm$ 0.019 χ^2 /NDF:228370.5/11

Right Out: 106.289 $\pm$ 0.030 χ^2 /NDF: 1000708.3/17

Left In: 83.695 $\pm$ 0.021 χ^2 /NDF:230413.5/9

Left: 82.598 $\pm$ 0.014 χ^2 /NDF: 463801.2/21

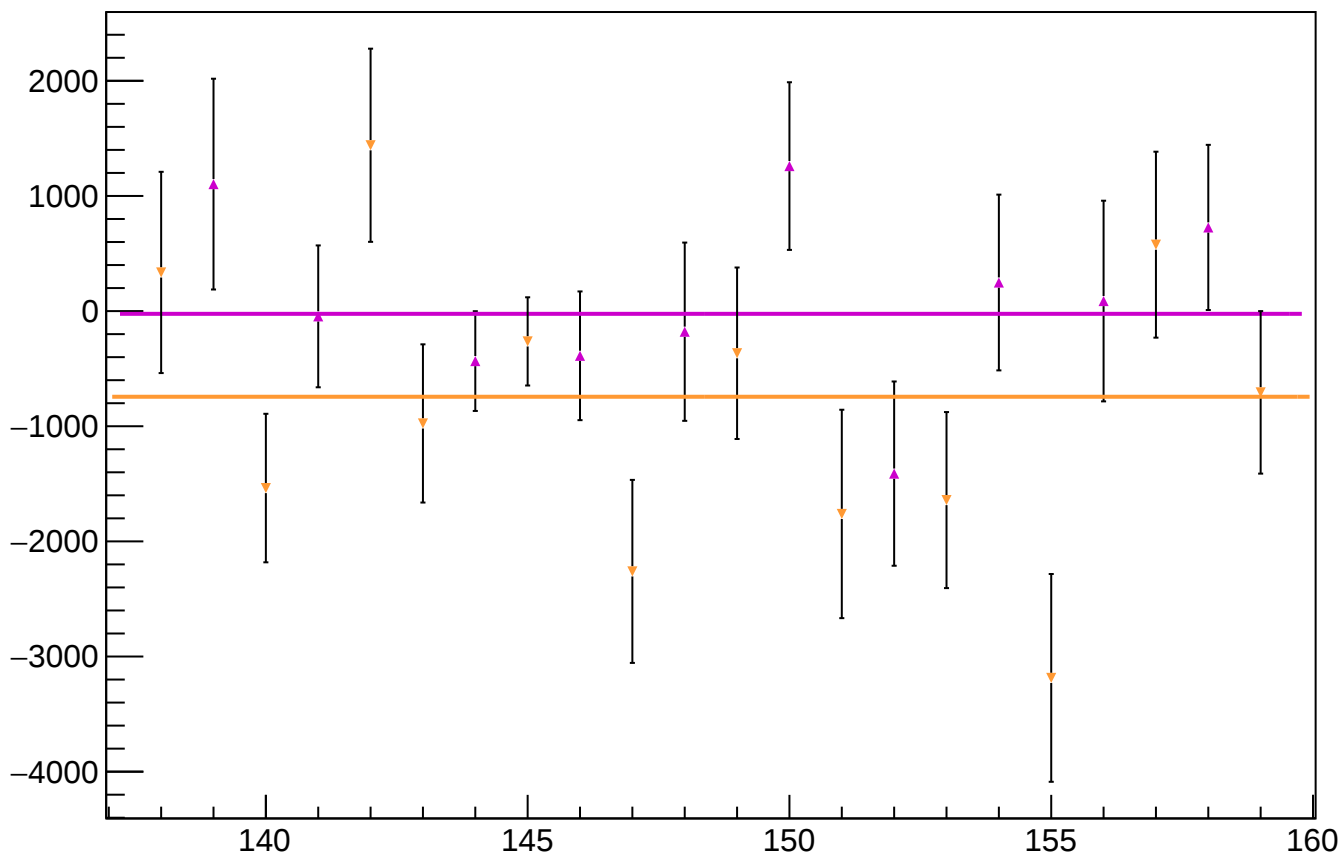
Right: 104.777 $\pm$ 0.021 χ^2 /NDF: 1843531.0/34

In: 90.354 $\pm$ 0.017 χ^2 /NDF:1362805.7/26

Out: 88.972 $\pm$ 0.016 χ^2 /NDF:1705765.7/29

All: 89.629 $\pm$ 0.012 χ^2 /NDF: 3071994.1/56

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -743.876+/-199.380 χ^2/NDF :28.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -23.727+/-211.034 χ^2/NDF :10.2/9

Left: -404.235+/-144.928 χ^2/NDF : 44.4/21

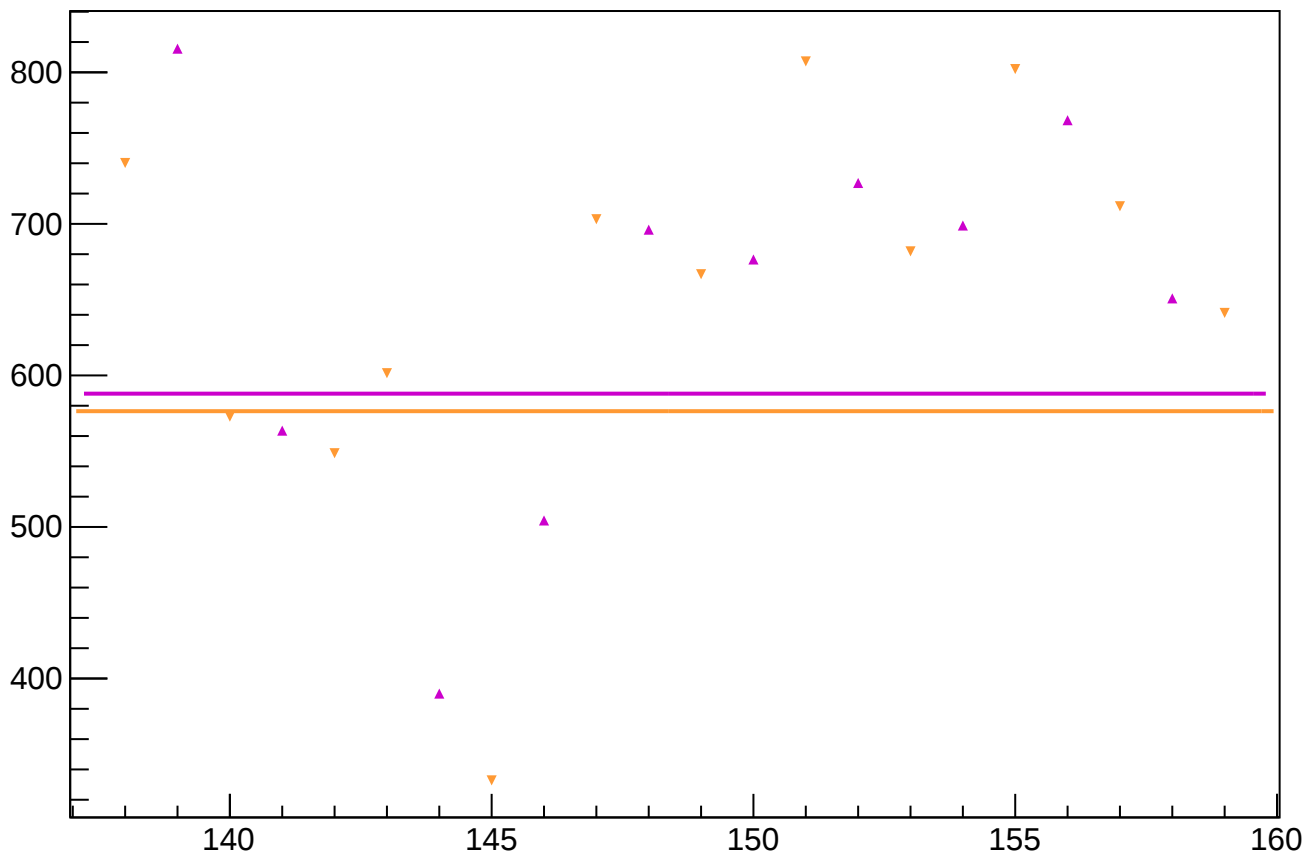
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.727+/-211.034 χ^2/NDF :10.2/9

Out: -743.876+/-199.380 χ^2/NDF :28.1/11

All: -404.235+/-144.928 χ^2/NDF : 44.4/21

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Left: 581.859+/-0.102 χ^2/NDF : 2195410.8/21

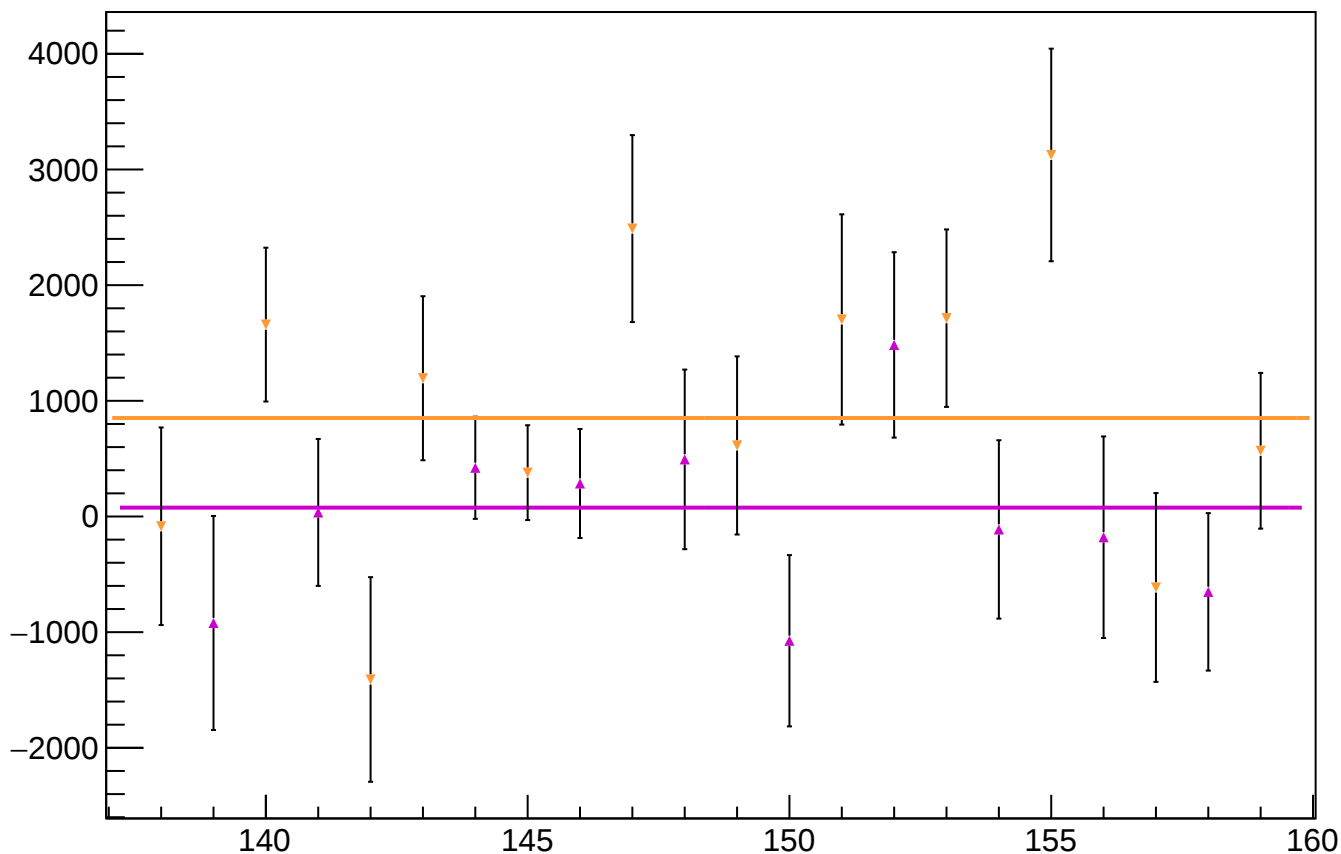
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Out: 576.406+/-0.141 χ^2/NDF :1330581.9/11

All: 581.859+/-0.102 χ^2/NDF : 2195410.8/21

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 76.510+/-206.396 χ^2/NDF : 9.0/9

Left: 467.241+/-145.342 χ^2/NDF : 42.8/21

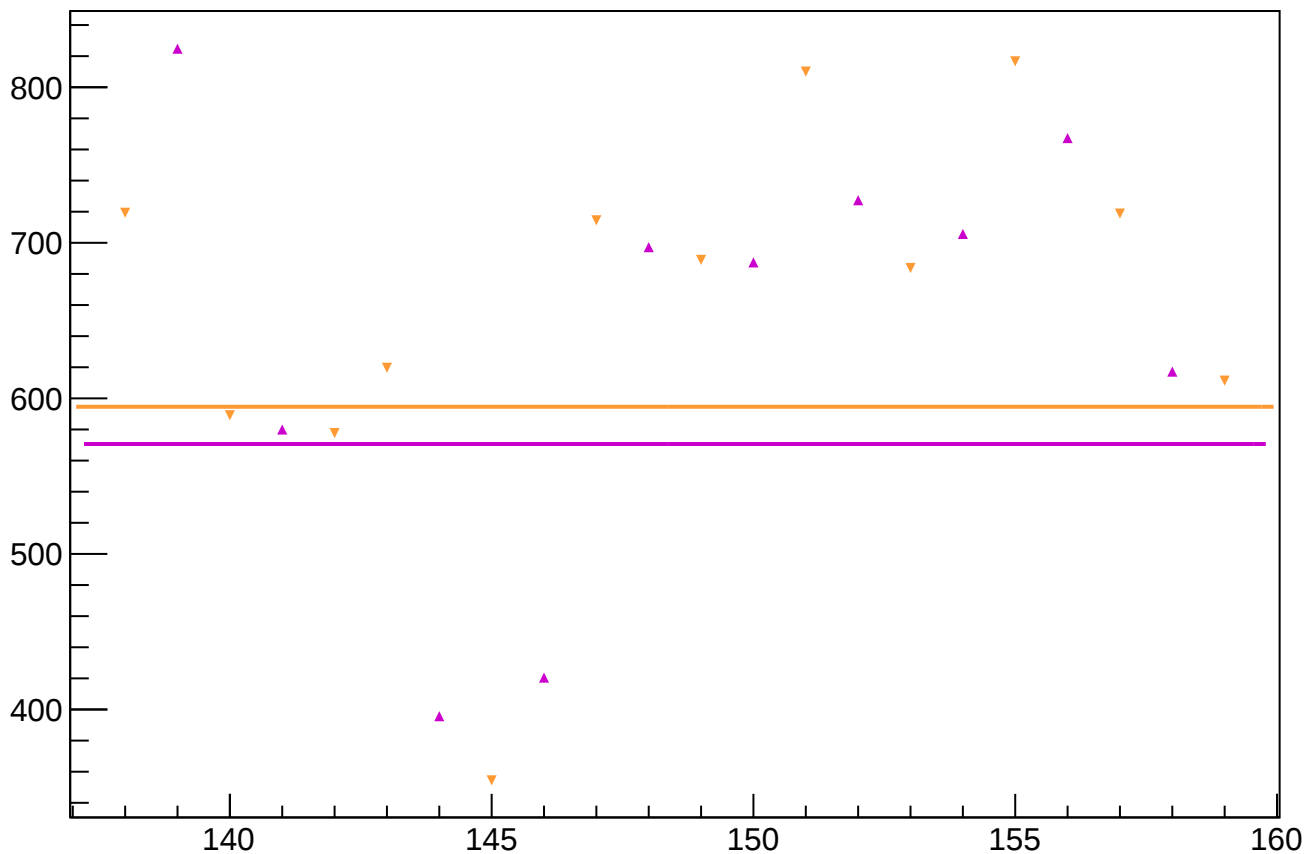
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.510+/-206.396 χ^2/NDF : 9.0/9

Out: 851.593+/-204.705 χ^2/NDF : 26.6/11

All: 467.241+/-145.342 χ^2/NDF : 42.8/21

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Left: 582.727+/-0.103 χ^2/NDF : 2143881.0/21

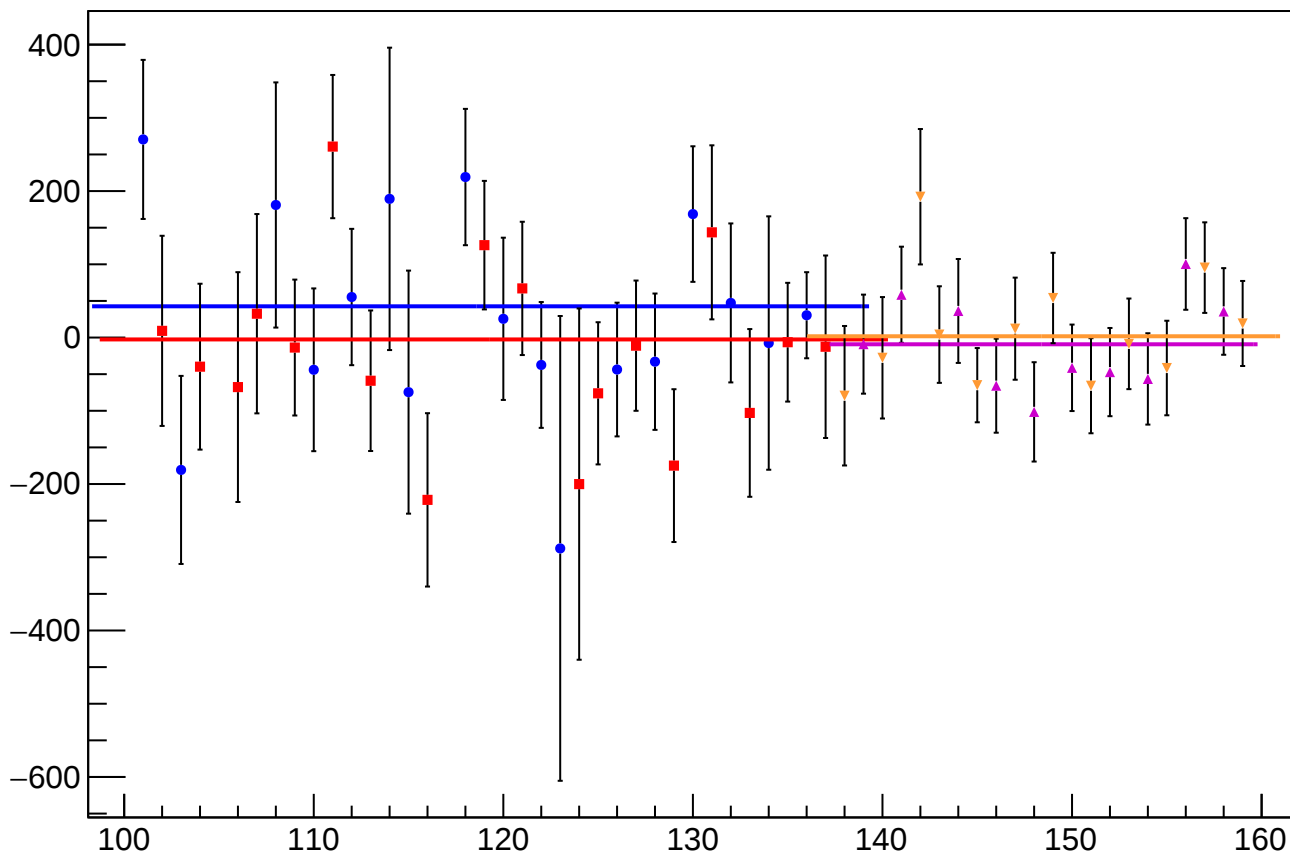
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Out: 594.601+/-0.145 χ^2/NDF :1109970.8/11

All: 582.727+/-0.103 χ^2/NDF : 2143881.0/21

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 42.654 $\pm$ 25.486 χ^2 /NDF: 18.9/16

Left Out: 1.754 $\pm$ 19.045 χ^2 /NDF:11.5/11

Right Out: -2.576 $\pm$ 25.088 χ^2 /NDF: 20.4/17

Left In: -9.197 $\pm$ 20.118 χ^2 /NDF:9.0/9

Left: -3.421 $\pm$ 13.831 χ^2 /NDF: 20.7/21

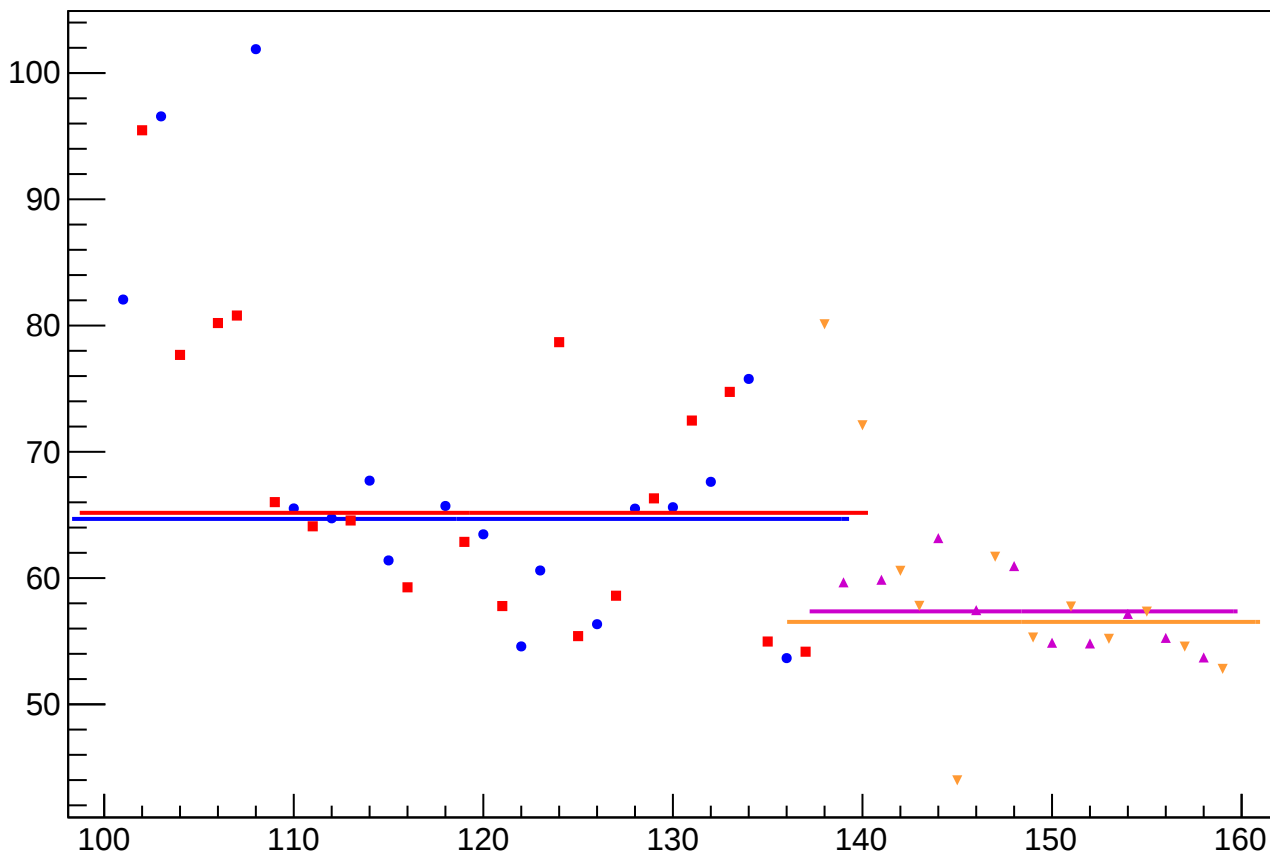
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 10.710 $\pm$ 15.791 χ^2 /NDF:30.4/26

Out: 0.171 $\pm$ 15.169 χ^2 /NDF:32.0/29

All: 5.229 $\pm$ 10.940 χ^2 /NDF: 62.6/56

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.685 $\pm$ 0.018 χ^2 /NDF: 400187.1/16

Left Out: 56.529 $\pm$ 0.013 χ^2 /NDF:344239.9/11

Right Out: 65.167 $\pm$ 0.018 χ^2 /NDF: 304580.7/17

Left In: 57.362 $\pm$ 0.014 χ^2 /NDF:41197.5/9

Left: 56.923 $\pm$ 0.010 χ^2 /NDF: 387245.2/21

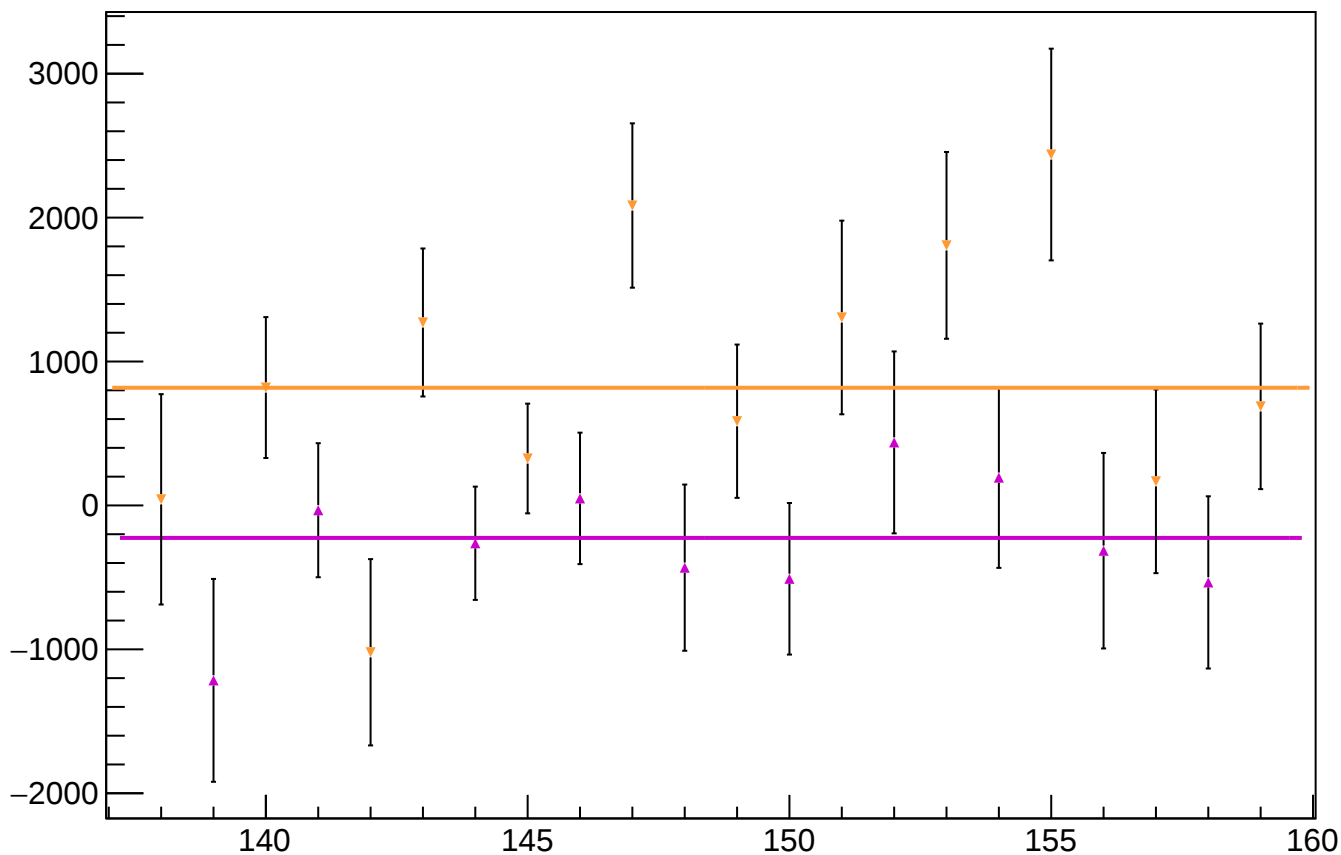
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.174 $\pm$ 0.011 χ^2 /NDF:543126.3/26

Out: 59.687 $\pm$ 0.011 χ^2 /NDF:799240.4/29

All: 59.921 $\pm$ 0.008 χ^2 /NDF: 1343353.9/56

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: 817.633+/-163.080 χ^2/NDF : 25.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Left: 318.504+/-117.782 χ^2/NDF : 49.9/21

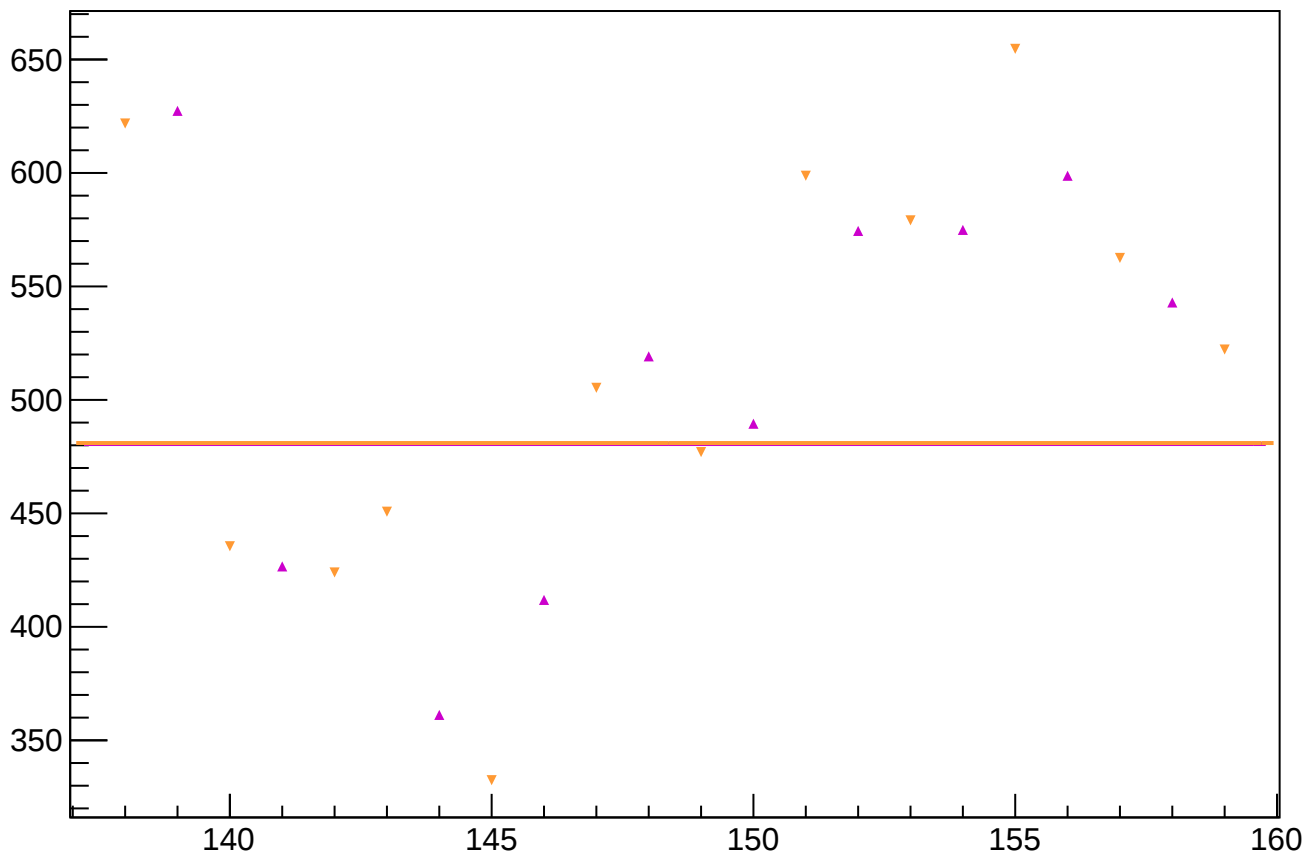
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Out: 817.633+/-163.080 χ^2/NDF : 25.5/11

All: 318.504+/-117.782 χ^2/NDF : 49.9/21

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: 480.997+/-0.115 χ^2/NDF : 683049.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Left: 480.789+/-0.083 χ^2/NDF : 1207055.7/21

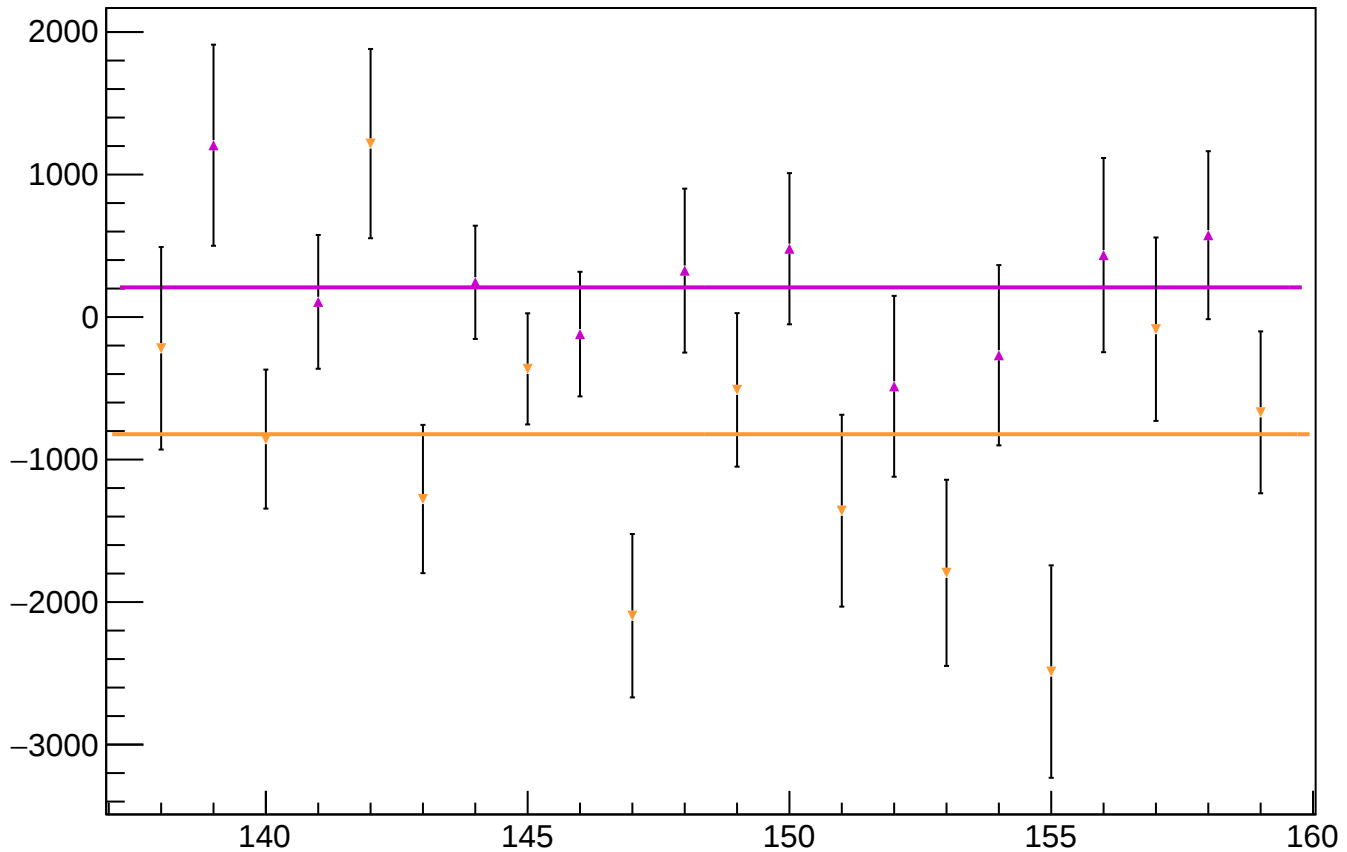
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Out: 480.997+/-0.115 χ^2/NDF : 683049.6/11

All: 480.789+/-0.083 χ^2/NDF : 1207055.7/21

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -822.128+/-164.229 χ^2/NDF :26.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 208.282+/-169.749 χ^2/NDF :5.2/9

Left: -323.949+/-118.031 χ^2/NDF : 51.0/21

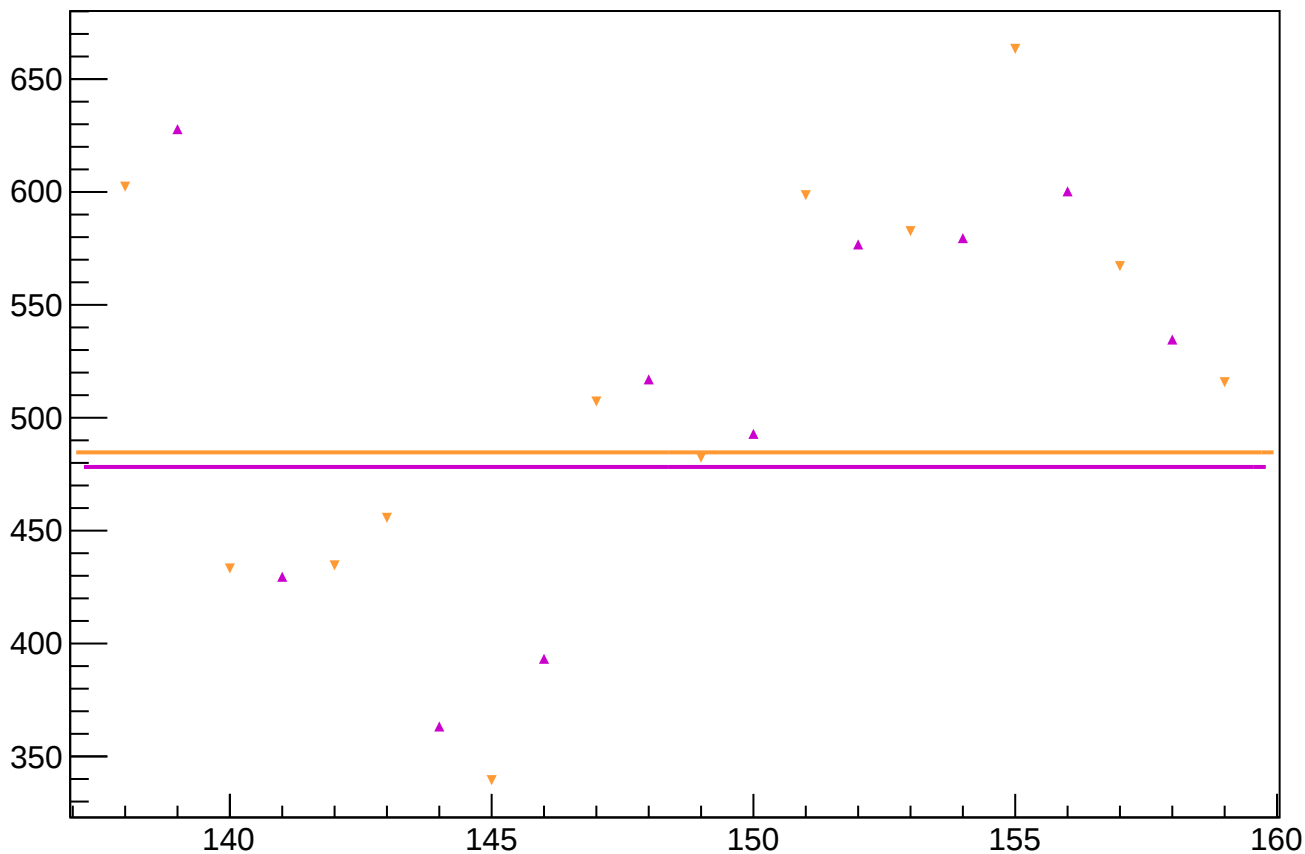
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.282+/-169.749 χ^2/NDF :5.2/9

Out: -822.128+/-164.229 χ^2/NDF :26.8/11

All: -323.949+/-118.031 χ^2/NDF : 51.0/21

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 484.667+/-0.116 χ^2/NDF : 631182.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 478.208+/-0.120 χ^2/NDF : 547102.7/9

Left: 481.544+/-0.083 χ^2/NDF : 1179780.7/21

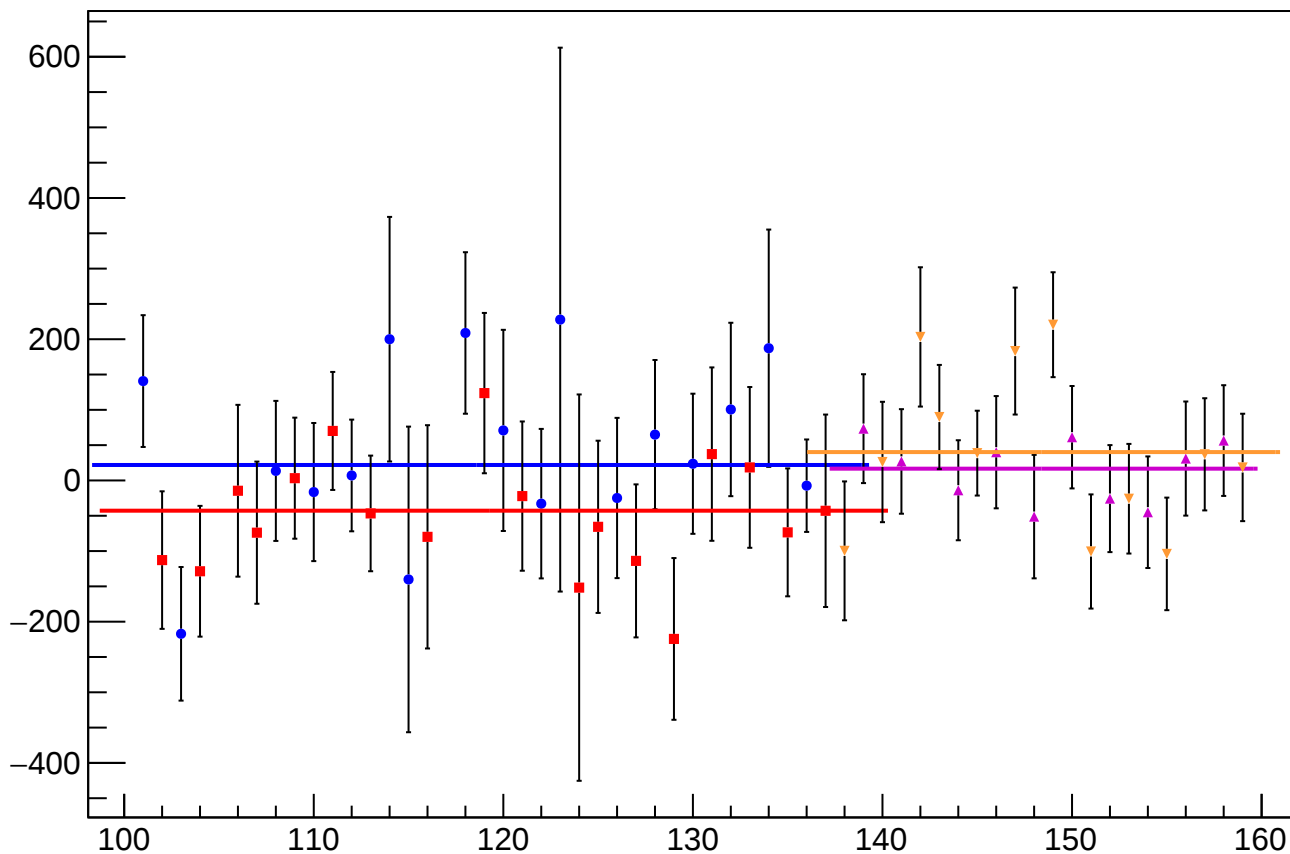
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.208+/-0.120 χ^2/NDF : 547102.7/9

Out: 484.667+/-0.116 χ^2/NDF : 631182.7/11

All: 481.544+/-0.083 χ^2/NDF : 1179780.7/21

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: 40.182 $\pm$ 22.838 χ^2/NDF : 20.8/11

Right Out: -42.817 $\pm$ 25.116 χ^2/NDF : 9.9/17

Left In: 16.683 $\pm$ 24.400 χ^2/NDF : 3.0/9

Left: 29.209 $\pm$ 16.674 χ^2/NDF : 24.3/21

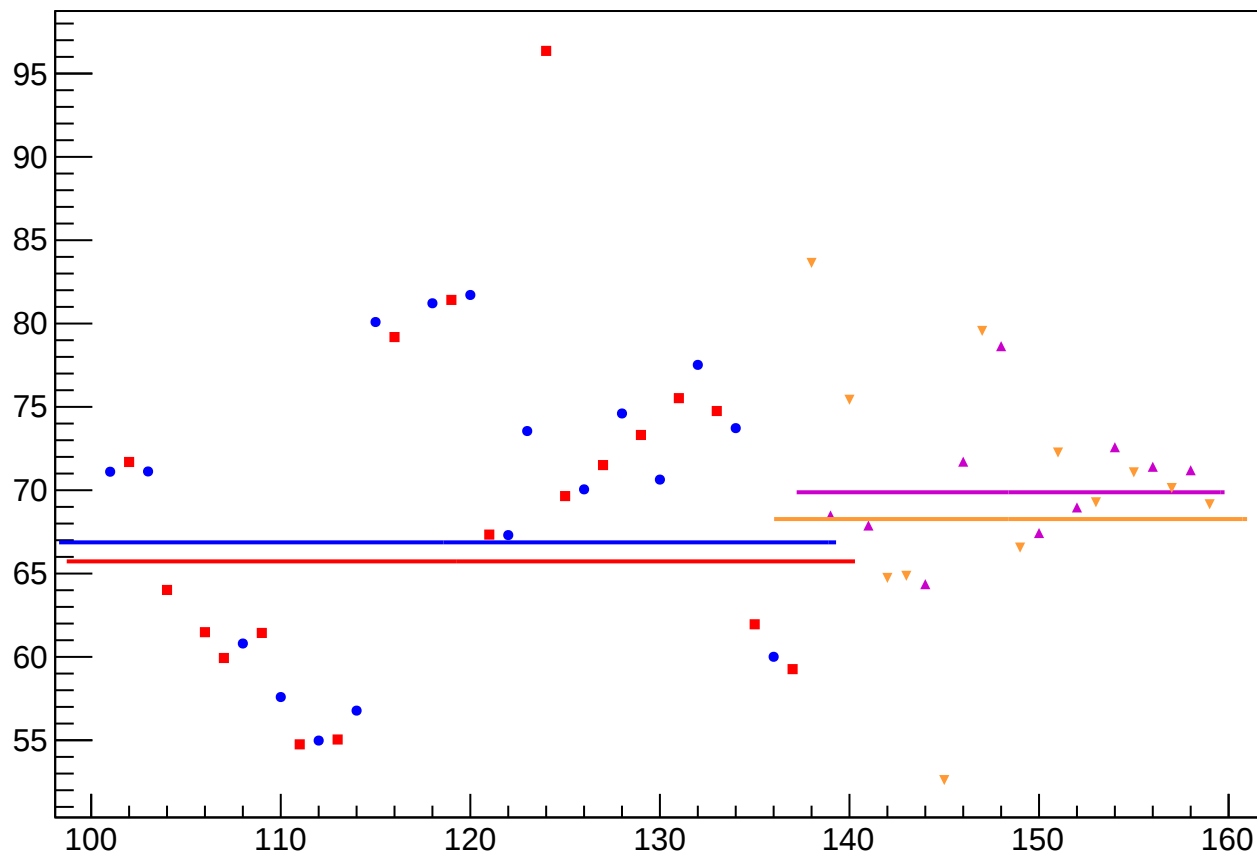
Right: -11.642 $\pm$ 18.082 χ^2/NDF : 28.1/34

In: 19.124 $\pm$ 17.810 χ^2/NDF : 18.1/26

Out: 2.617 $\pm$ 16.897 χ^2/NDF : 36.6/29

All: 10.437 $\pm$ 12.258 χ^2/NDF : 55.2/56

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: 68.270 $\pm$ 0.016 χ^2 /NDF:247323.2/11

Right Out: 65.731 $\pm$ 0.018 χ^2 /NDF: 218867.5/17

Left In: 69.877 $\pm$ 0.017 χ^2 /NDF:41580.0/9

Left: 69.020 $\pm$ 0.012 χ^2 /NDF: 293528.6/21

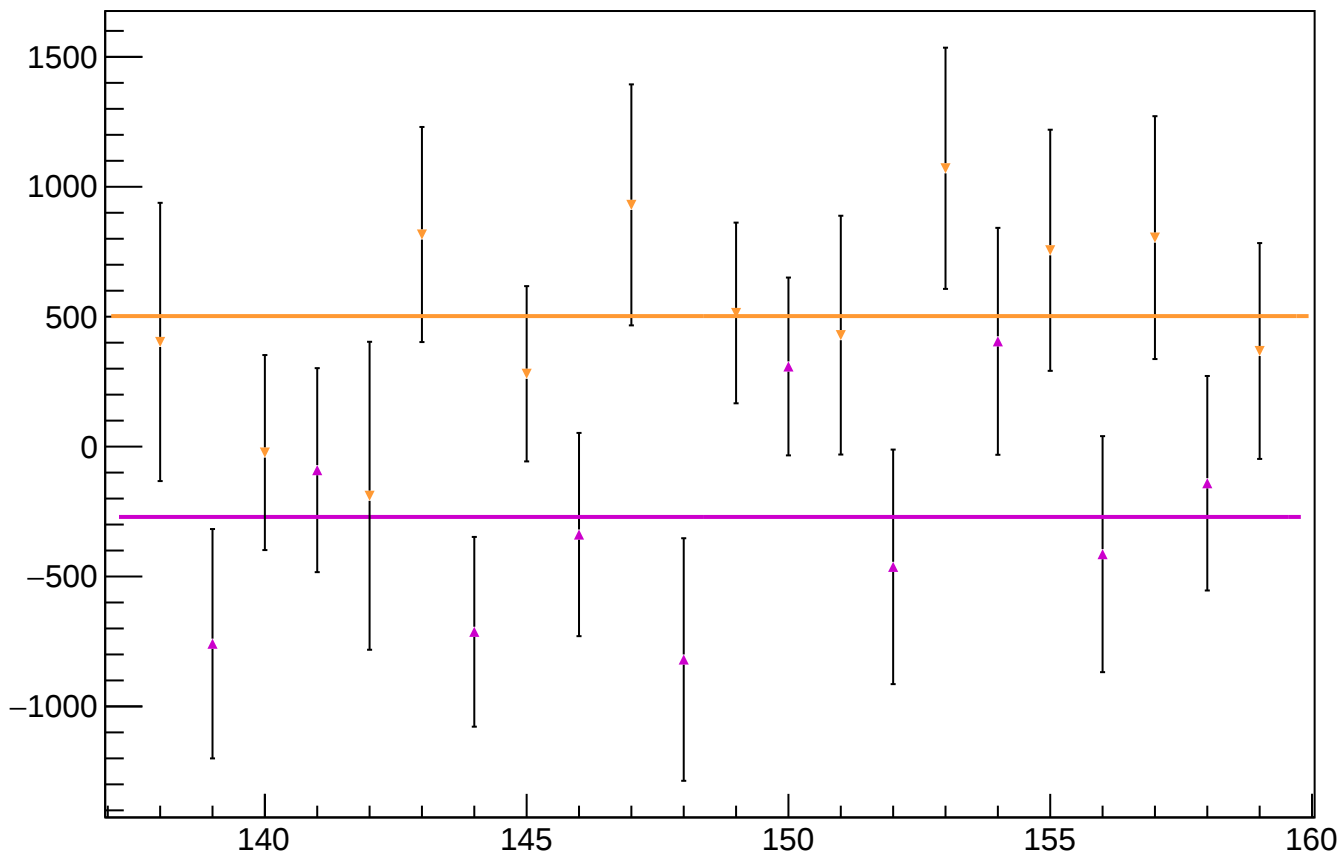
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.473 $\pm$ 0.013 χ^2 /NDF:258269.4/26

Out: 67.121 $\pm$ 0.012 χ^2 /NDF:477382.4/29

All: 67.761 $\pm$ 0.009 χ^2 /NDF: 741721.5/56

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: 502.317+/-123.684 χ^2/NDF : 7.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Left: 133.489+/-89.436 χ^2/NDF : 36.2/21

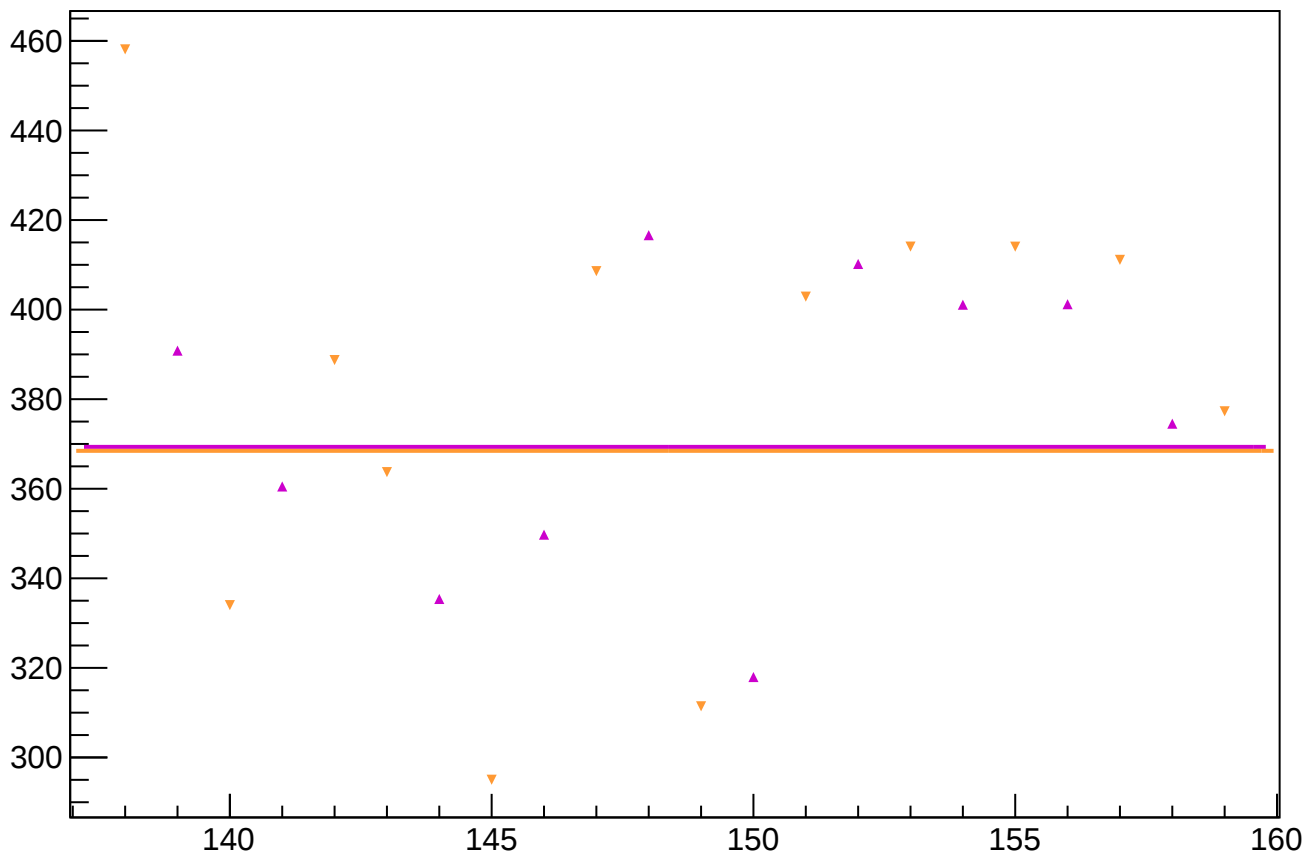
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Out: 502.317+/-123.684 χ^2/NDF : 7.6/11

All: 133.489+/-89.436 χ^2/NDF : 36.2/21

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: 368.467+/-0.087 χ^2/NDF :306498.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Left: 368.888+/-0.063 χ^2/NDF : 437337.6/21

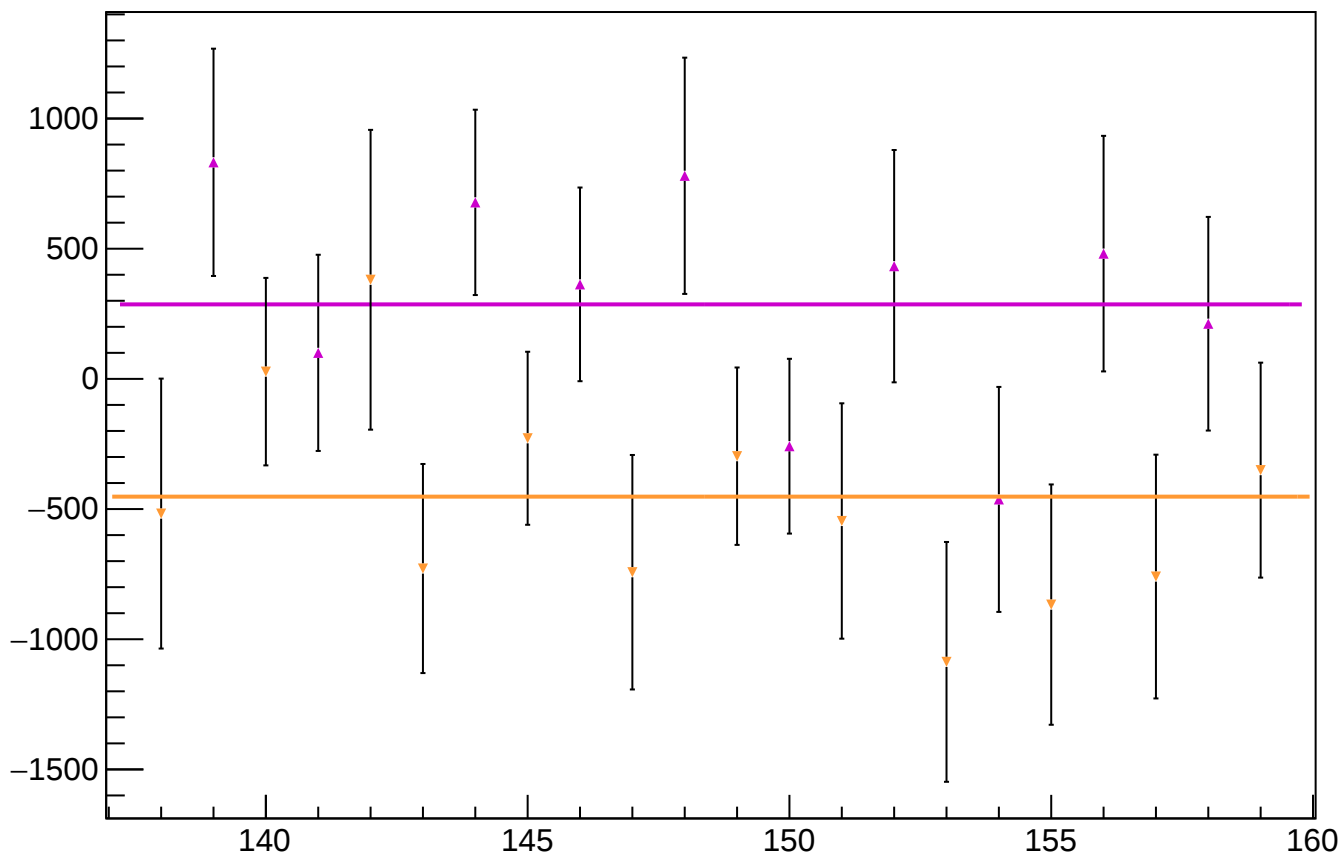
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Out: 368.467+/-0.087 χ^2/NDF :306498.7/11

All: 368.888+/-0.063 χ^2/NDF : 437337.6/21

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Left: -99.021+/-87.592 χ^2/NDF : 36.6/21

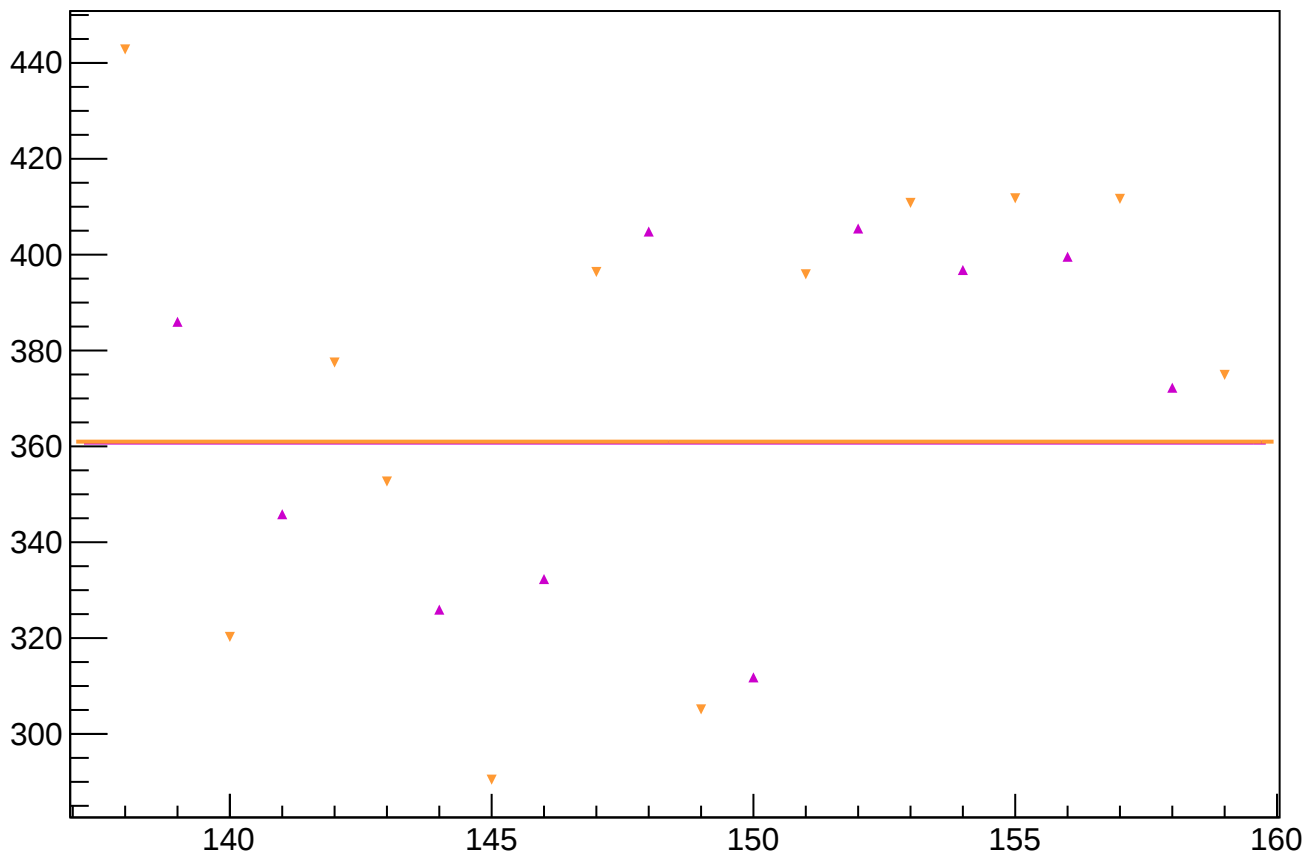
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Out: -452.291+/-121.280 χ^2/NDF : 8.7/11

All: -99.021+/-87.592 χ^2/NDF : 36.6/21

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Left: 360.892+/-0.062 χ^2/NDF : 471729.3/21

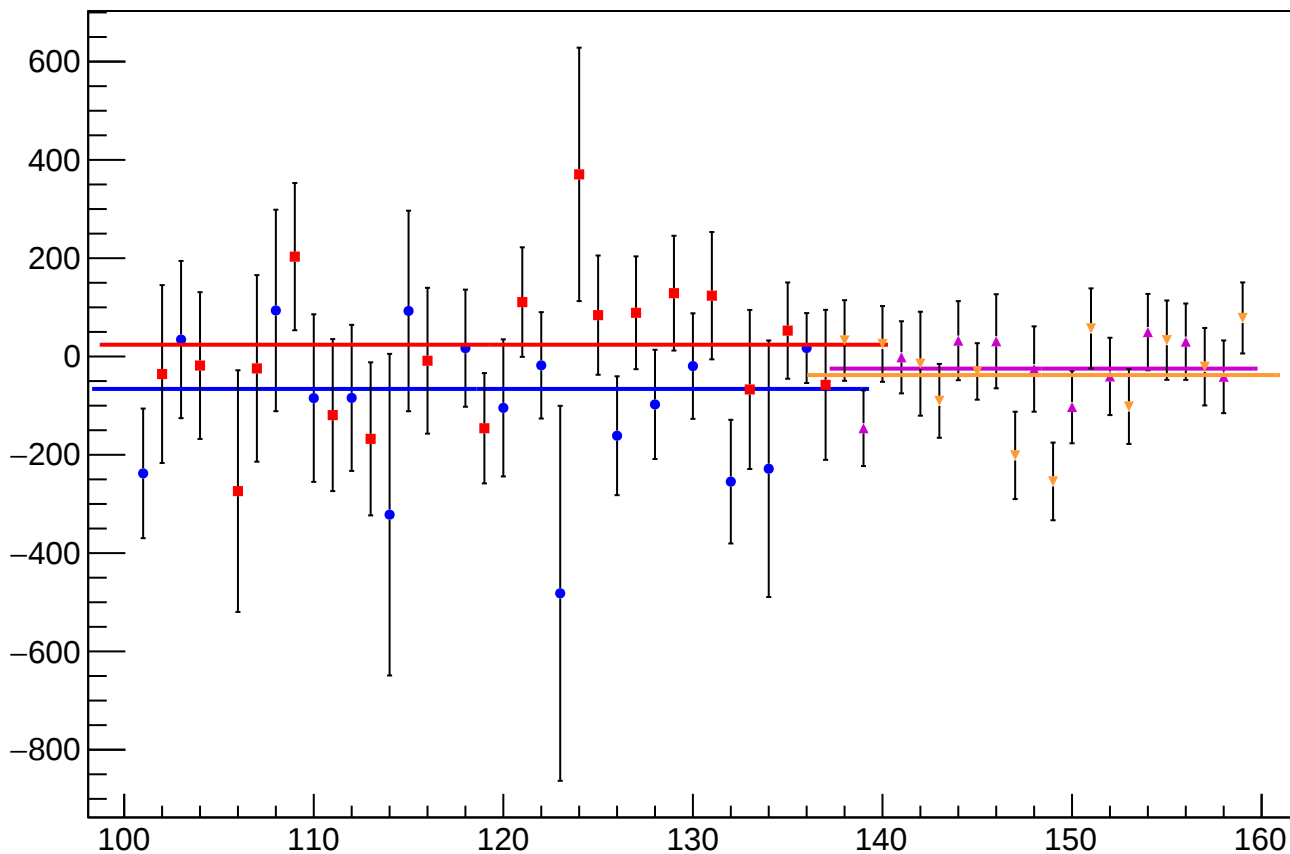
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Out: 360.985+/-0.086 χ^2/NDF :319387.3/11

All: 360.892+/-0.062 χ^2/NDF : 471729.3/21

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 $\chi^2/\text{NDF}: 10.8/16$

Left Out: -37.796 ± 22.352 $\chi^2/\text{NDF}: 18.3/11$

Right Out: 23.979 ± 32.790 $\chi^2/\text{NDF}: 12.9/17$

Left In: -24.645 ± 24.917 $\chi^2/\text{NDF}: 6.0/9$

Left: -31.932 ± 16.638 $\chi^2/\text{NDF}: 24.5/21$

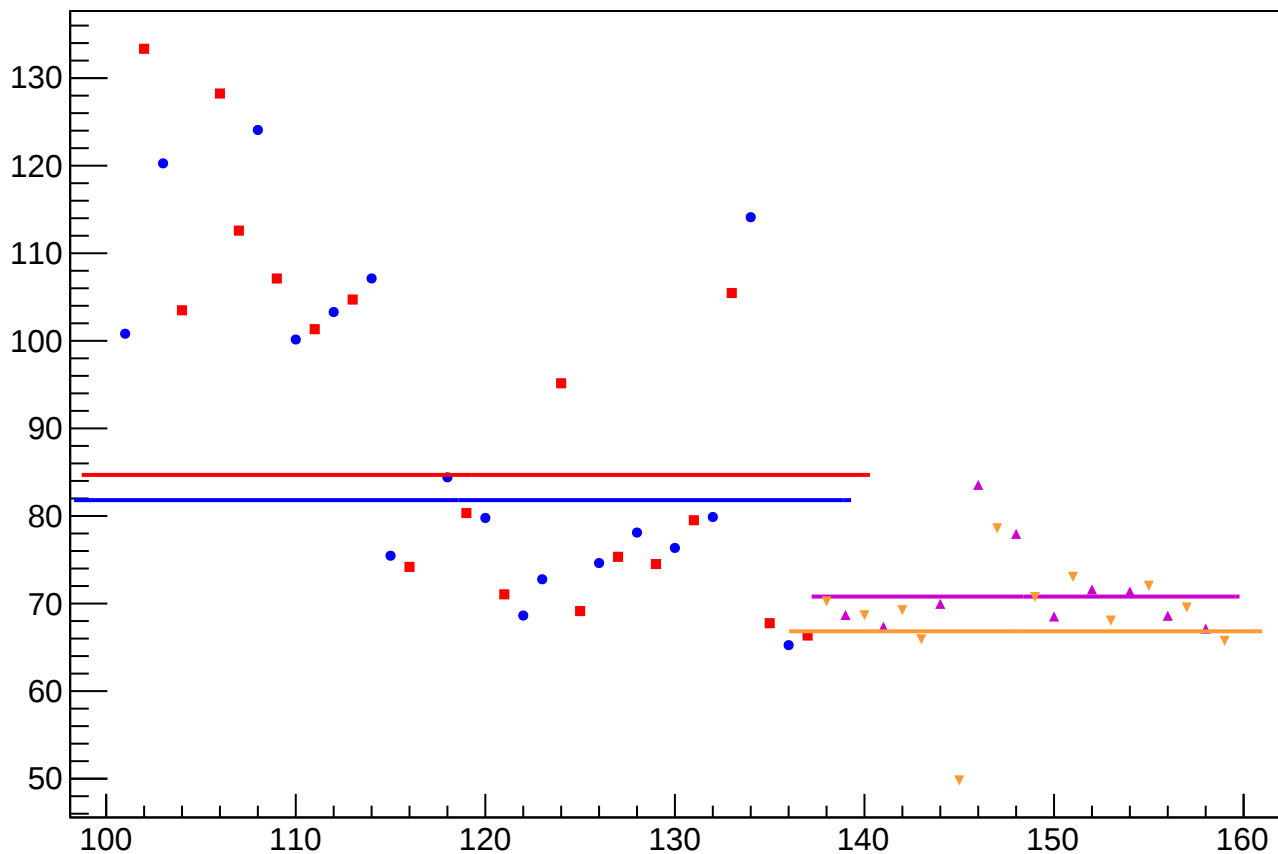
Right: -21.690 ± 23.007 $\chi^2/\text{NDF}: 27.5/34$

In: -40.071 ± 19.726 $\chi^2/\text{NDF}: 17.8/26$

Out: -18.197 ± 18.469 $\chi^2/\text{NDF}: 33.7/29$

All: -28.415 ± 13.482 $\chi^2/\text{NDF}: 52.2/56$

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: 66.831 $\pm$ 0.016 χ^2/NDF : 244867.5/11

Right Out: 84.691 $\pm$ 0.023 χ^2/NDF : 615927.4/17

Left In: 70.796 $\pm$ 0.018 χ^2/NDF : 63964.2/9

Left: 68.599 $\pm$ 0.012 χ^2/NDF : 336893.7/21

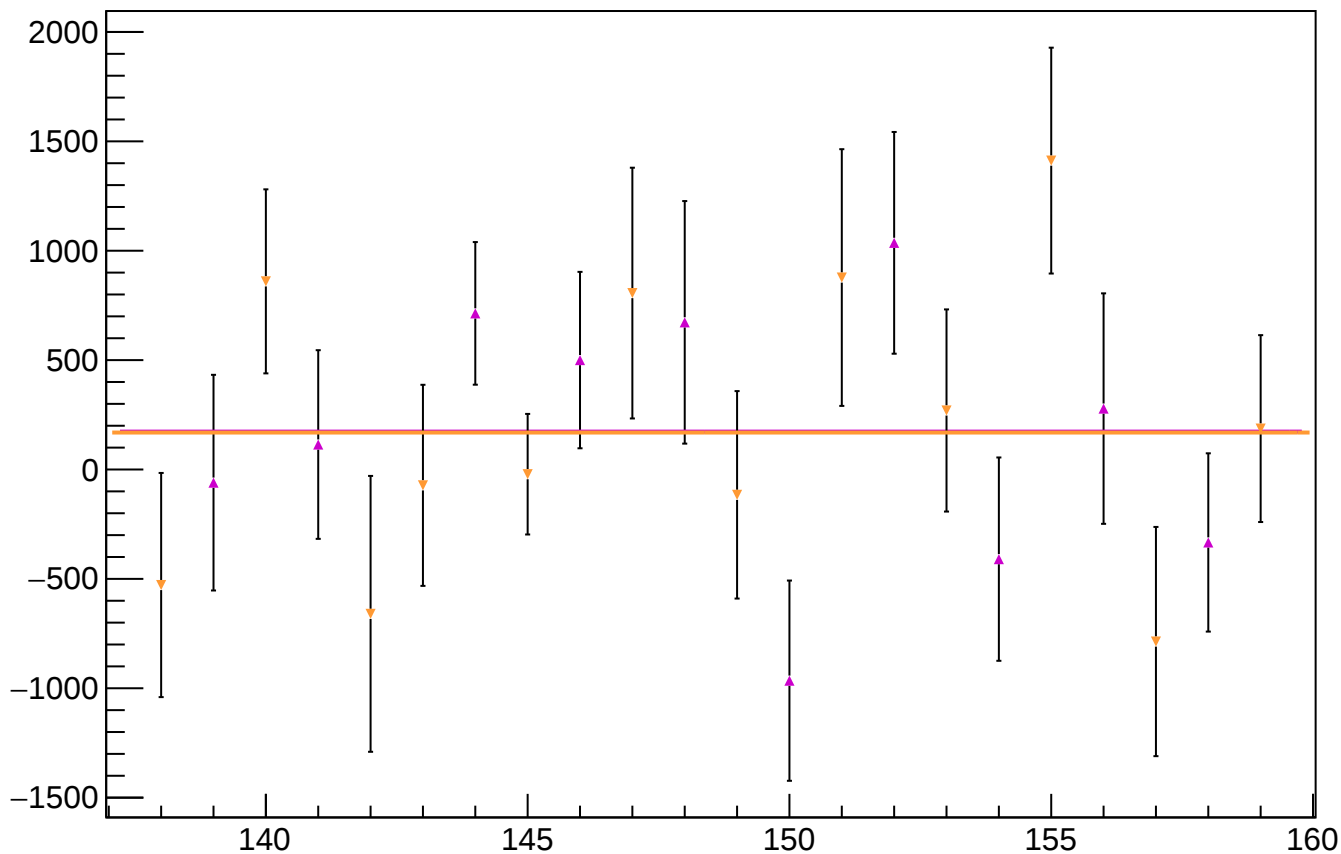
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.907 $\pm$ 0.014 χ^2/NDF : 716965.4/26

Out: 72.497 $\pm$ 0.013 χ^2/NDF : 1265882.1/29

All: 73.623 $\pm$ 0.010 χ^2/NDF : 1998745.5/56

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: 168.975+/-131.492 χ^2/NDF :19.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 173.125+/-139.709 χ^2/NDF :16.7/9

Left: 170.924+/-95.752 χ^2/NDF : 36.0/21

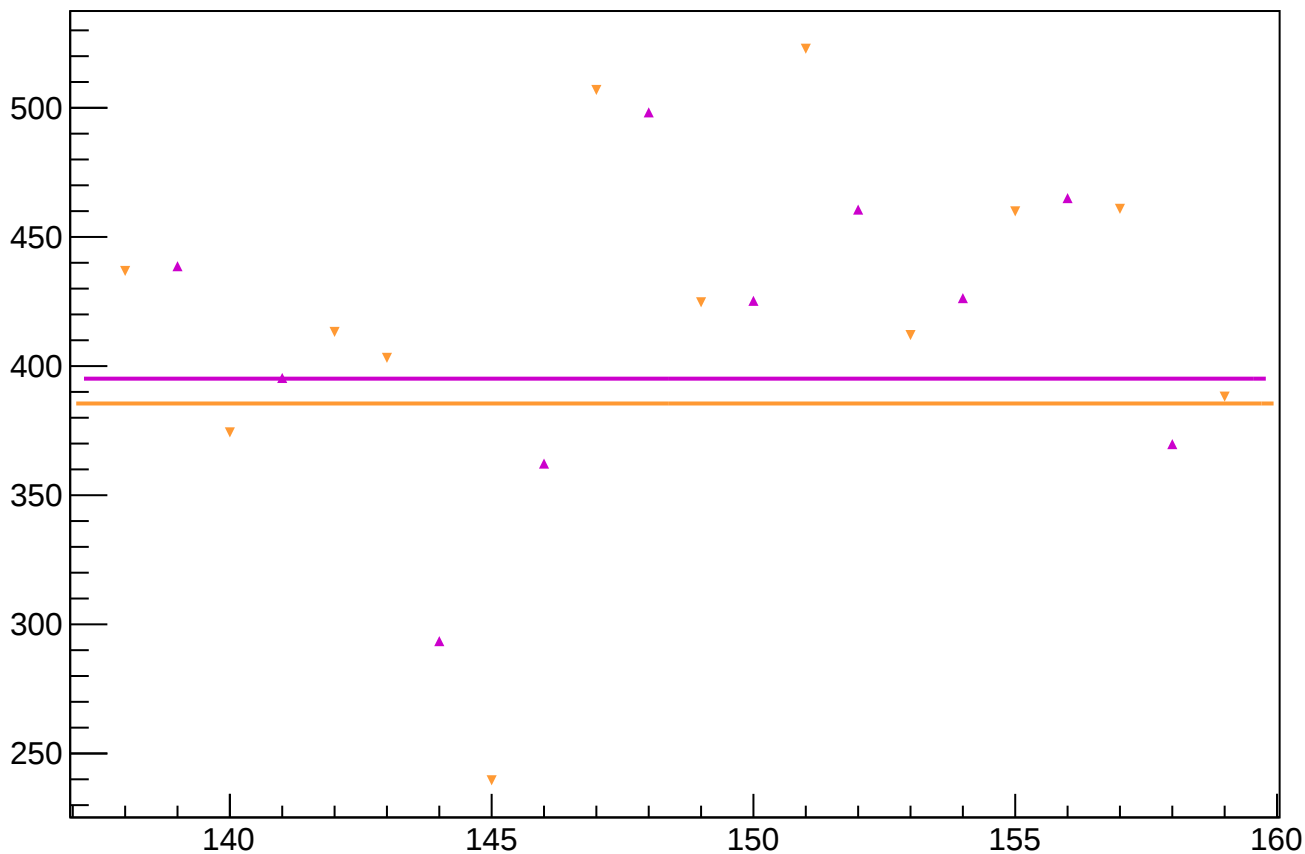
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 173.125+/-139.709 χ^2/NDF :16.7/9

Out: 168.975+/-131.492 χ^2/NDF :19.3/11

All: 170.924+/-95.752 χ^2/NDF : 36.0/21

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: 385.516+/-0.093 χ^2/NDF : 891444.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Left: 390.033+/-0.068 χ^2/NDF : 1283000.7/21

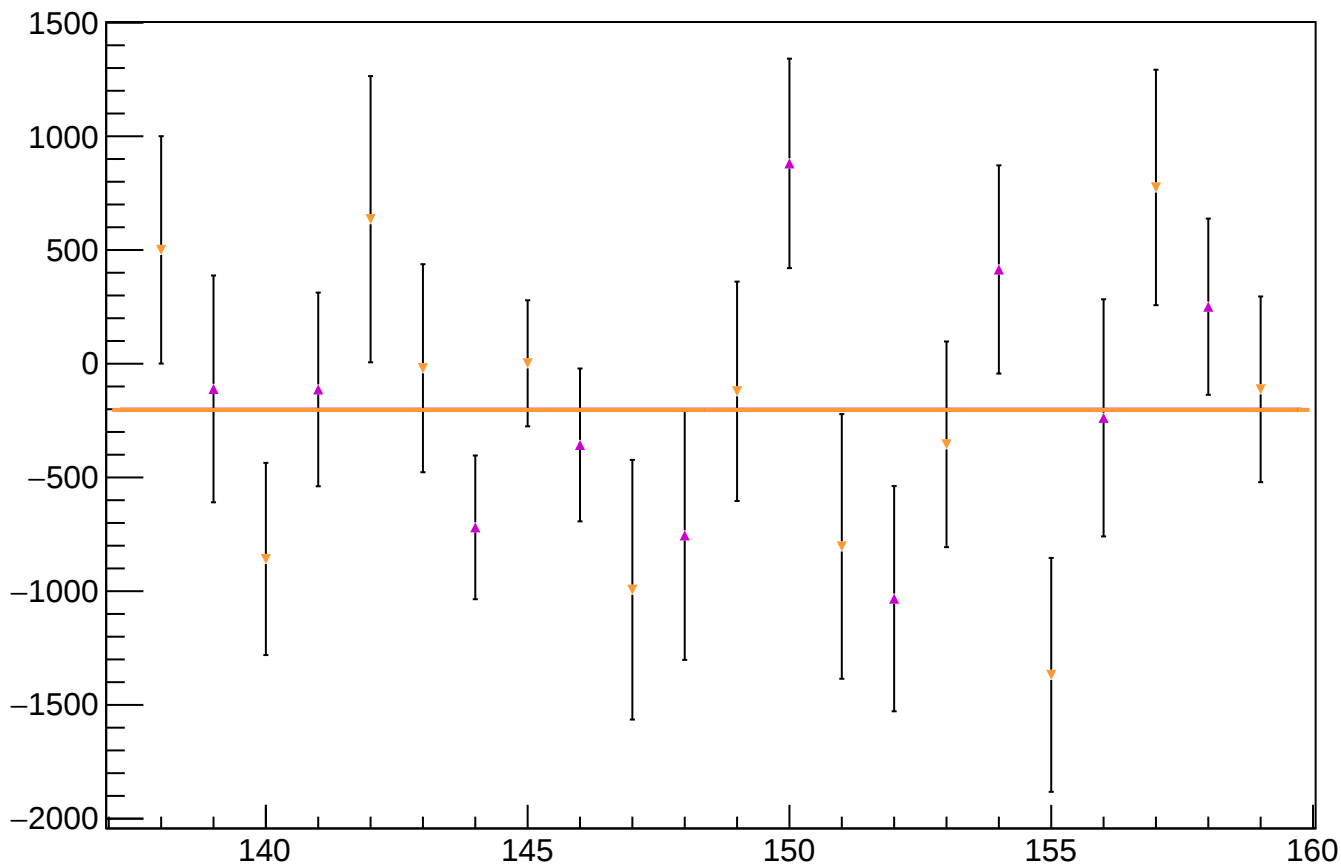
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Out: 385.516+/-0.093 χ^2/NDF : 891444.1/11

All: 390.033+/-0.068 χ^2/NDF : 1283000.7/21

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -202.938+/-130.551 χ^2/NDF :18.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -202.044+/-134.024 χ^2/NDF :15.5/9

Left: -202.503+/-93.517 χ^2/NDF : 34.3/21

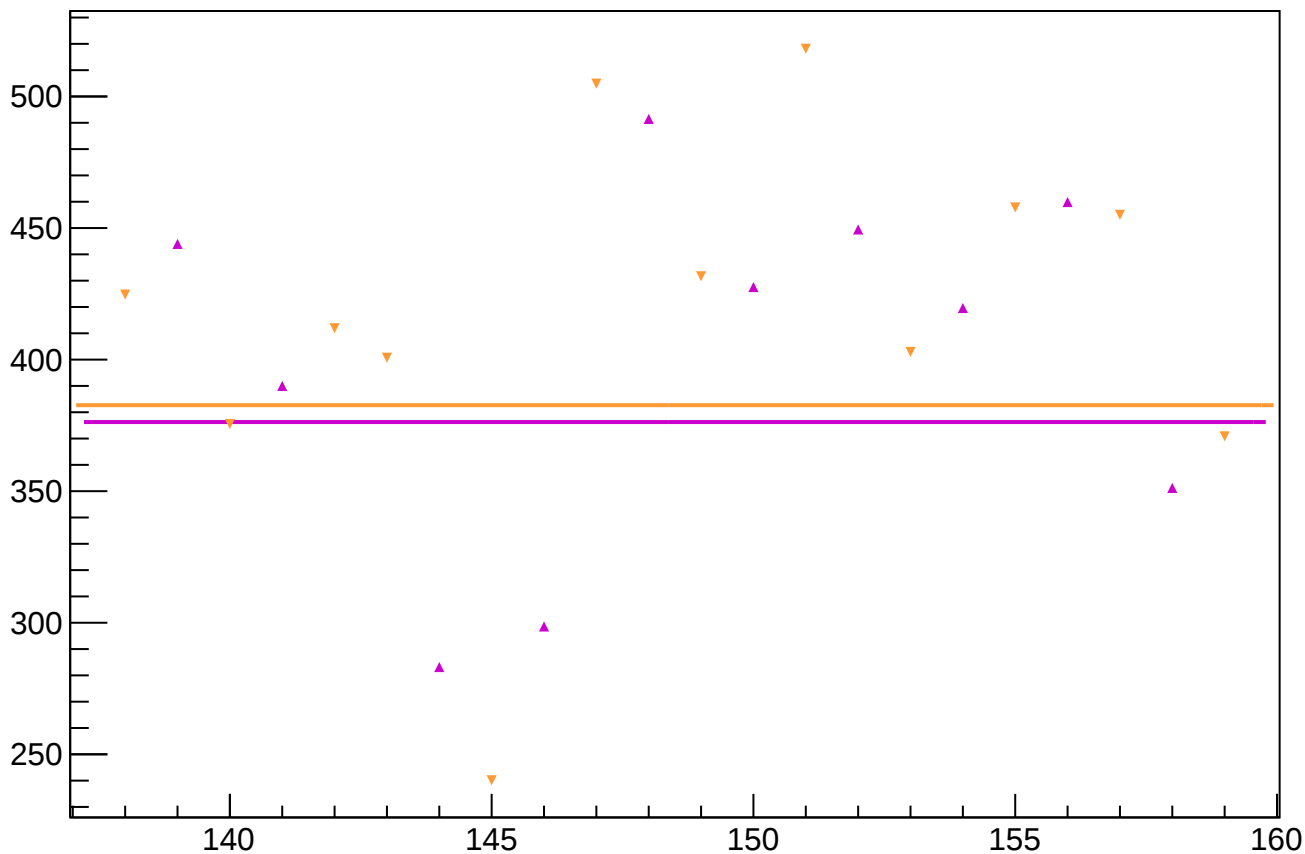
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.044+/-134.024 χ^2/NDF :15.5/9

Out: -202.938+/-130.551 χ^2/NDF :18.7/11

All: -202.503+/-93.517 χ^2/NDF : 34.3/21

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 382.686+/-0.092 χ^2/NDF :859632.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 376.272+/-0.095 χ^2/NDF :554542.9/9

Left: 379.563+/-0.066 χ^2/NDF : 1416526.5/21

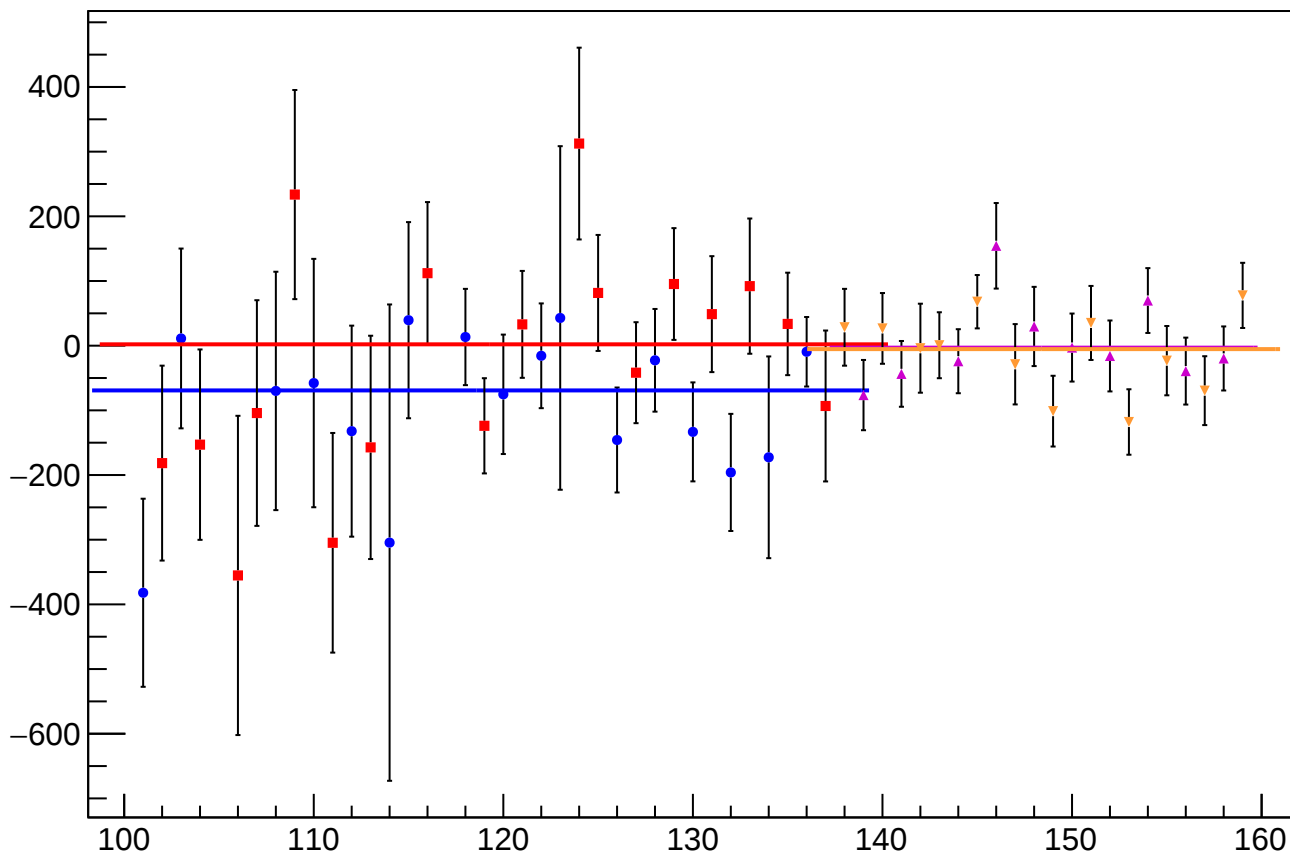
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.272+/-0.095 χ^2/NDF :554542.9/9

Out: 382.686+/-0.092 χ^2/NDF :859632.9/11

All: 379.563+/-0.066 χ^2/NDF : 1416526.5/21

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: -5.313 ± 15.457 χ^2/NDF : 16.8/11

Right Out: 2.082 ± 25.187 χ^2/NDF : 23.8/17

Left In: -3.050 ± 16.897 χ^2/NDF : 11.4/9

Left: -4.282 ± 11.405 χ^2/NDF : 28.2/21

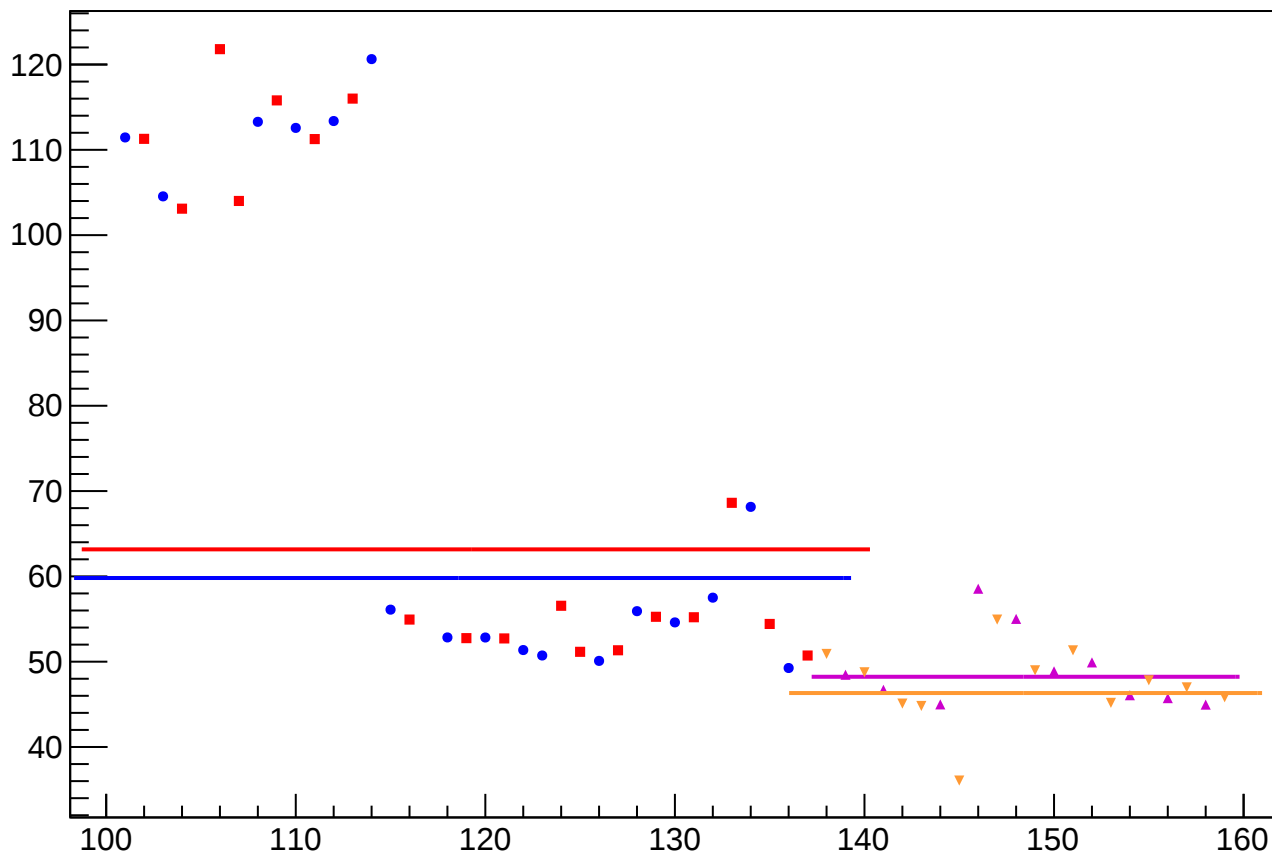
Right: -34.889 ± 17.473 χ^2/NDF : 41.4/34

In: -24.654 ± 13.866 χ^2/NDF : 29.8/26

Out: -3.290 ± 13.174 χ^2/NDF : 40.6/29

All: -13.426 ± 9.551 χ^2/NDF : 71.7/56

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 59.809+/-0.017 χ^2/NDF : 1229983.3/16

Left Out: 46.325+/-0.011 χ^2/NDF : 203528.8/11

Right Out: 63.166+/-0.018 χ^2/NDF : 1387305.6/17

Left In: 48.232+/-0.012 χ^2/NDF : 102912.3/9

Left: 47.194+/-0.008 χ^2/NDF : 320314.1/21

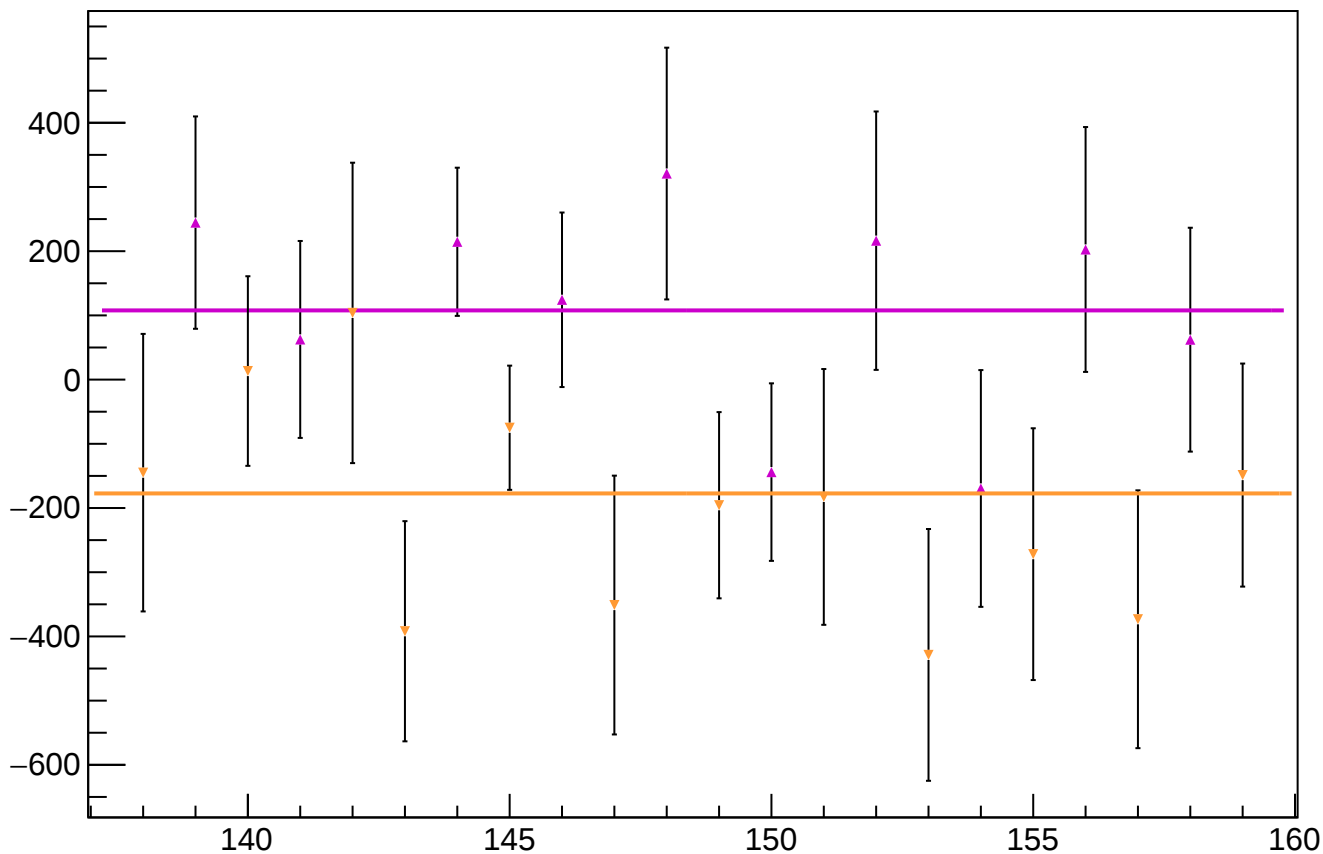
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 52.014+/-0.010 χ^2/NDF : 1639543.5/26

Out: 50.932+/-0.009 χ^2/NDF : 2240348.2/29

All: 51.445+/-0.007 χ^2/NDF : 3886287.2/56

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: -177.283+/-48.014 χ^2/NDF : 9.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 107.774+/-49.927 χ^2/NDF : 9.0/9

Left: -40.321+/-34.608 χ^2/NDF : 35.4/21

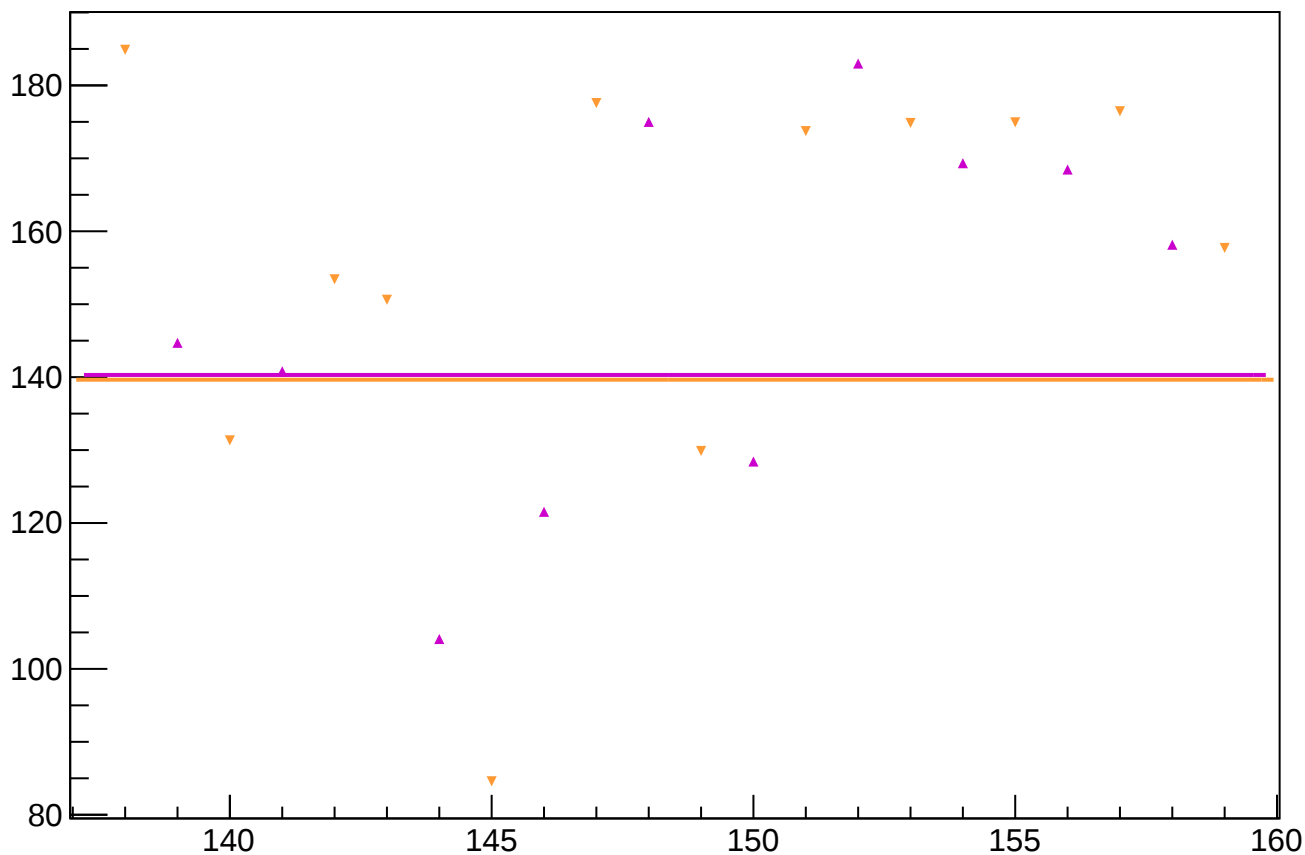
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.774+/-49.927 χ^2/NDF : 9.0/9

Out: -177.283+/-48.014 χ^2/NDF : 9.4/11

All: -40.321+/-34.608 χ^2/NDF : 35.4/21

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: 139.649+/-0.034 χ^2/NDF :1113613.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Left: 139.963+/-0.024 χ^2/NDF : 1631821.7/21

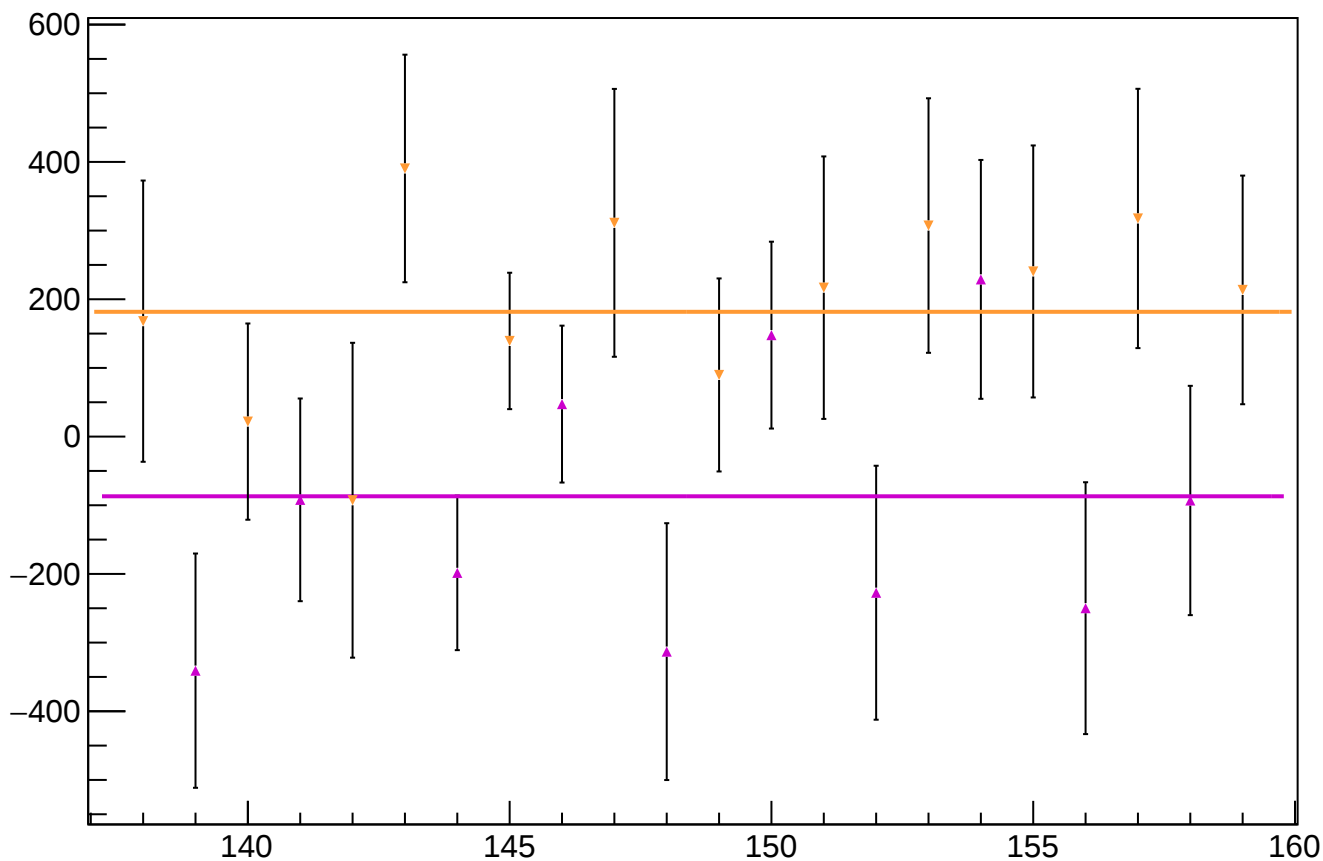
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Out: 139.649+/-0.034 χ^2/NDF :1113613.5/11

All: 139.963+/-0.024 χ^2/NDF : 1631821.7/21

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 181.726+/-46.787 χ^2/NDF : 6.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -86.937+/-47.334 χ^2/NDF : 13.7/9

Left: 48.956+/-33.275 χ^2/NDF : 36.5/21

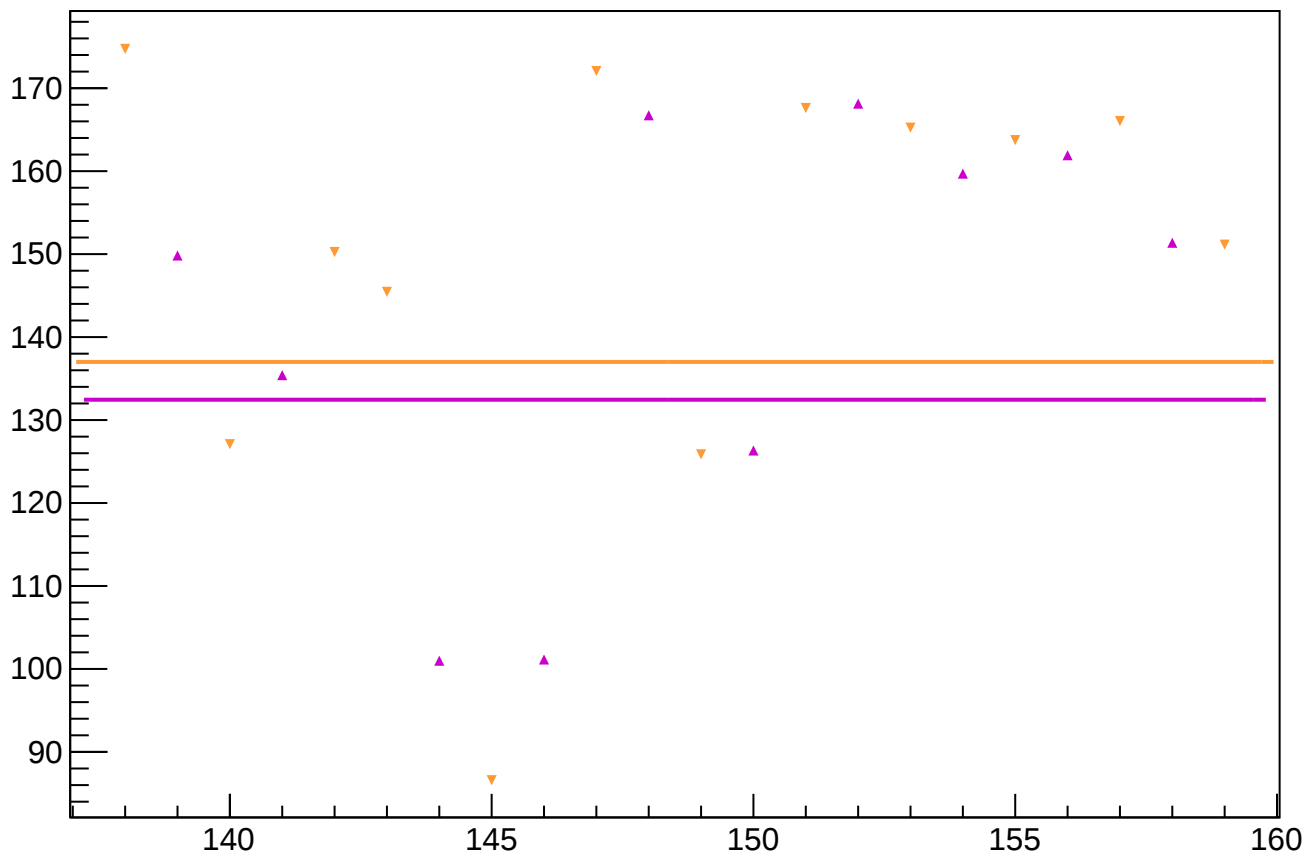
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -86.937+/-47.334 χ^2/NDF : 13.7/9

Out: 181.726+/-46.787 χ^2/NDF : 6.5/11

All: 48.956+/-33.275 χ^2/NDF : 36.5/21

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Left: 134.755+/-0.024 χ^2/NDF : 1493311.1/21

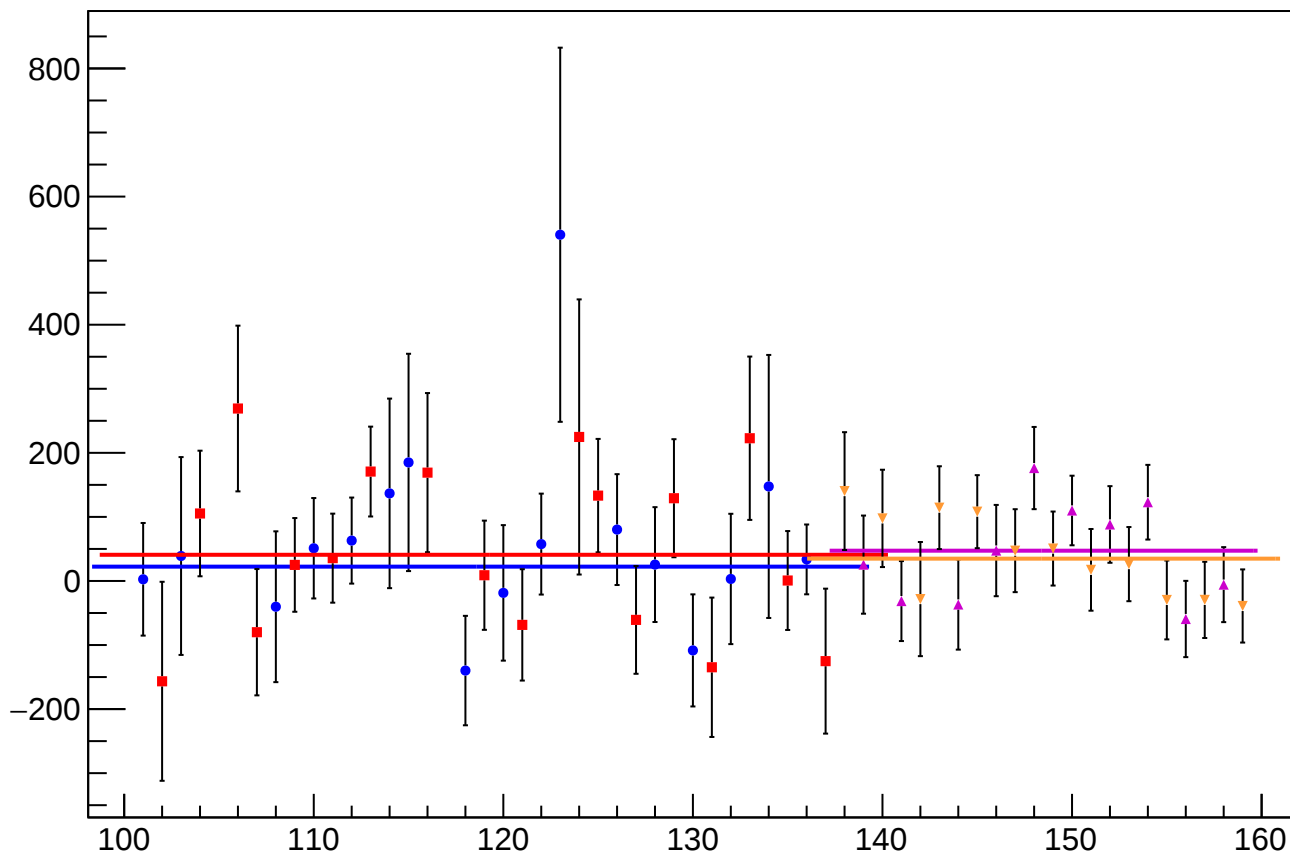
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Out: 137.004+/-0.033 χ^2/NDF : 883777.5/11

All: 134.755+/-0.024 χ^2/NDF : 1493311.1/21

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: 34.834 $\pm$ 18.568 χ^2 /NDF: 9.8/11

Right Out: 40.867 $\pm$ 22.136 χ^2 /NDF: 24.2/17

Left In: 47.252 $\pm$ 19.782 χ^2 /NDF: 14.6/9

Left: 40.650 $\pm$ 13.538 χ^2 /NDF: 24.7/21

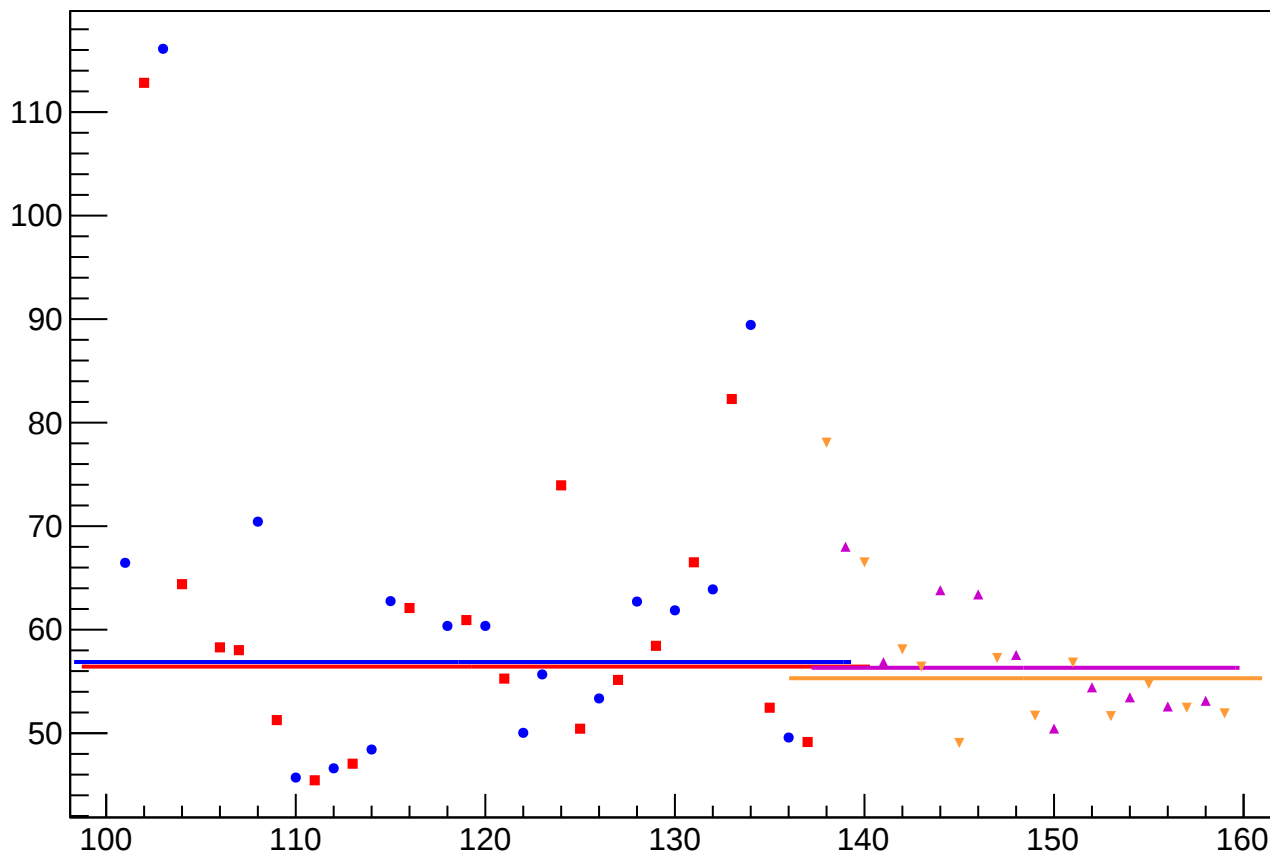
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 36.468 $\pm$ 14.892 χ^2 /NDF: 27.9/26

Out: 37.326 $\pm$ 14.226 χ^2 /NDF: 34.1/29

All: 36.916 $\pm$ 10.287 χ^2 /NDF: 62.0/56

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 56.879 $\pm$ 0.016 χ^2/NDF : 575487.1/16

Left Out: 55.310 $\pm$ 0.013 χ^2/NDF : 223000.3/11

Right Out: 56.434 $\pm$ 0.016 χ^2/NDF : 520456.9/17

Left In: 56.319 $\pm$ 0.014 χ^2/NDF : 133882.0/9

Left: 55.782 $\pm$ 0.010 χ^2/NDF : 359648.7/21

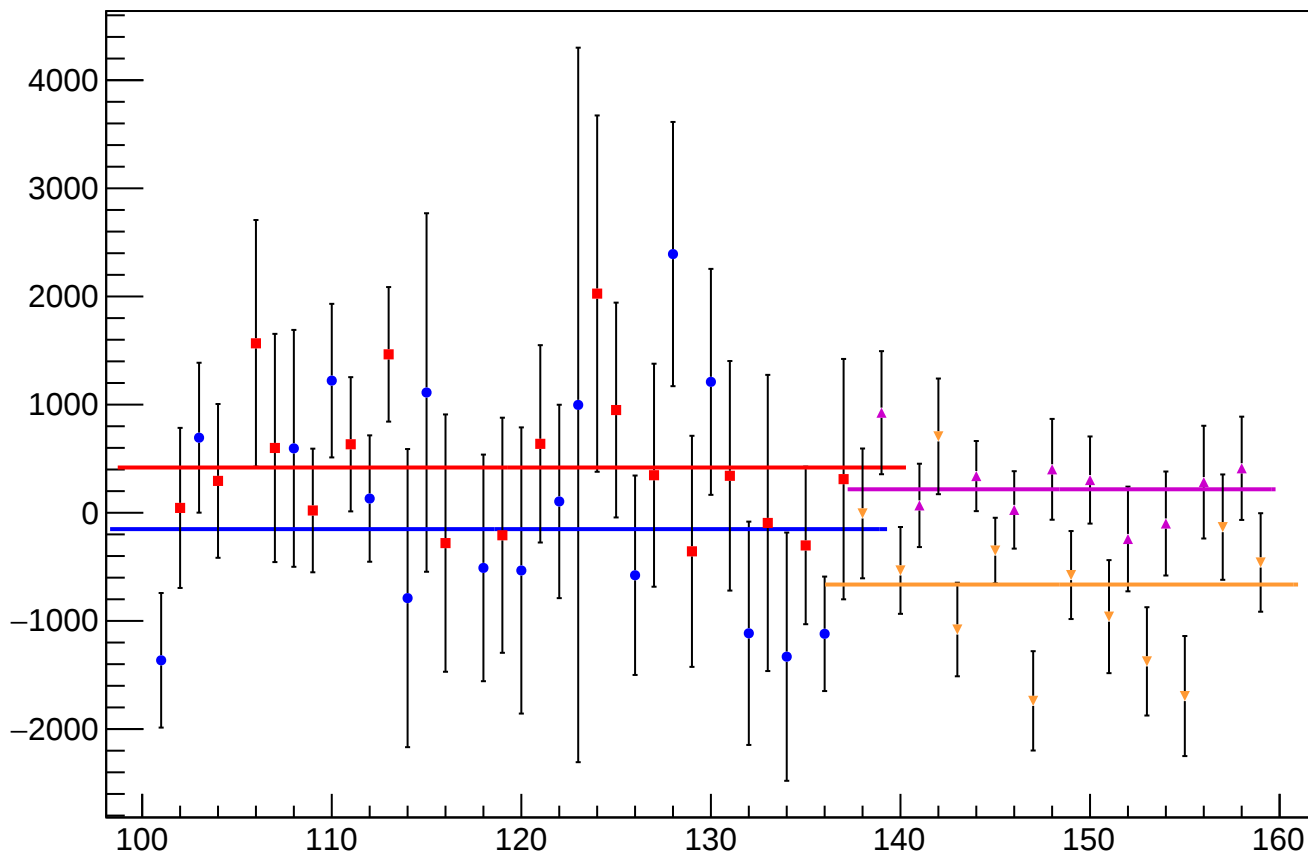
Right: 56.652 $\pm$ 0.011 χ^2/NDF : 1096338.8/34

In: 56.561 $\pm$ 0.011 χ^2/NDF : 710063.7/26

Out: 55.774 $\pm$ 0.010 χ^2/NDF : 746486.3/29

All: 56.150 $\pm$ 0.007 χ^2/NDF : 1459473.0/56

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: -663.555 $\pm$ 129.754 χ^2 /NDF:22.6/11

Right Out: 418.554 $\pm$ 205.061 χ^2 /NDF: 8.4/17

Left In: 217.103 $\pm$ 135.378 χ^2 /NDF:3.8/9

Left: -241.896 $\pm$ 93.675 χ^2 /NDF: 48.5/21

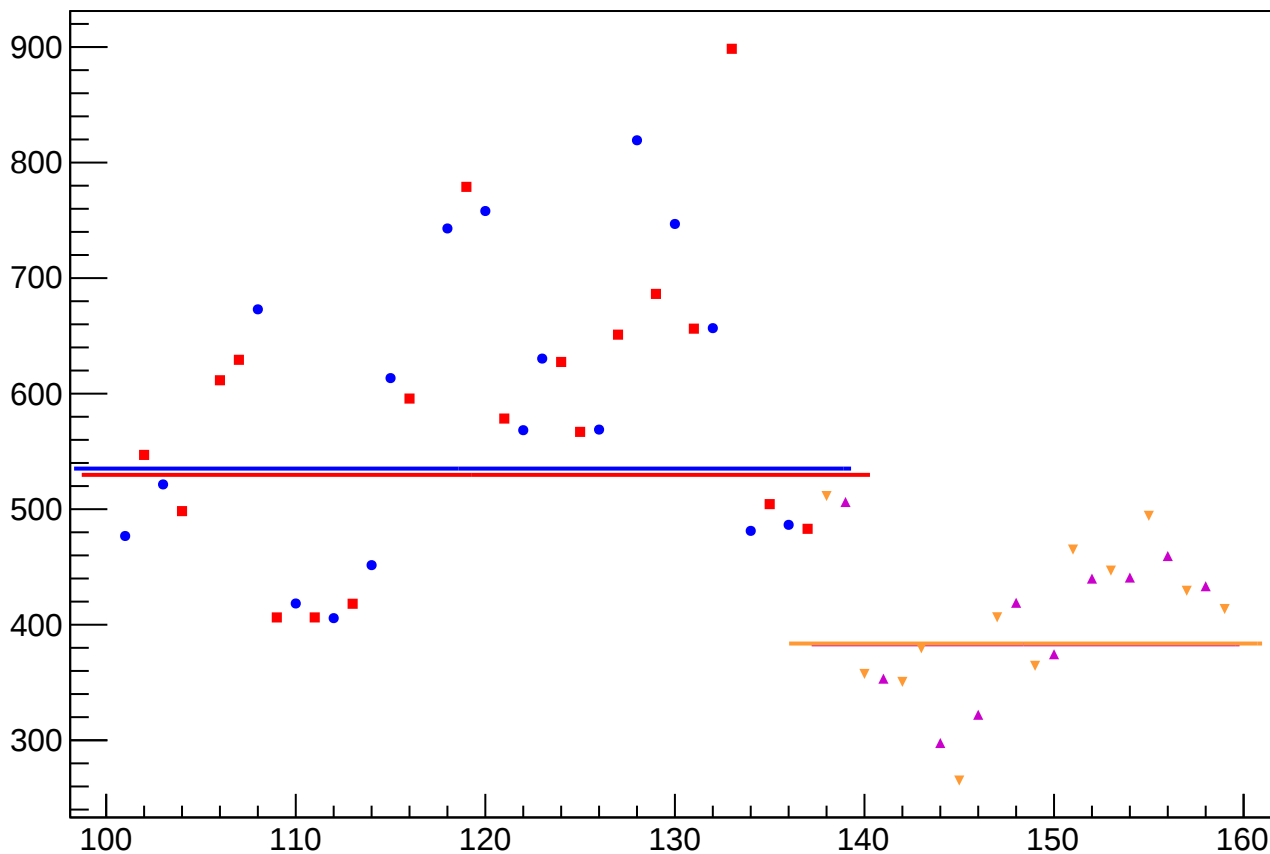
Right: 143.757 $\pm$ 147.542 χ^2 /NDF: 34.6/34

In: 110.742 $\pm$ 114.168 χ^2 /NDF:28.4/26

Out: -354.169 $\pm$ 109.647 χ^2 /NDF:50.9/29

All: -131.101 $\pm$ 79.082 χ^2 /NDF: 87.9/56

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137+/-0.150 χ^2/NDF : 596084.8/16

Left Out: 383.722+/-0.092 χ^2/NDF : 607653.9/11

Right Out: 529.720+/-0.145 χ^2/NDF : 646725.7/17

Left In: 383.028+/-0.096 χ^2/NDF : 436938.4/9

Left: 383.390+/-0.066 χ^2/NDF : 1044619.7/21

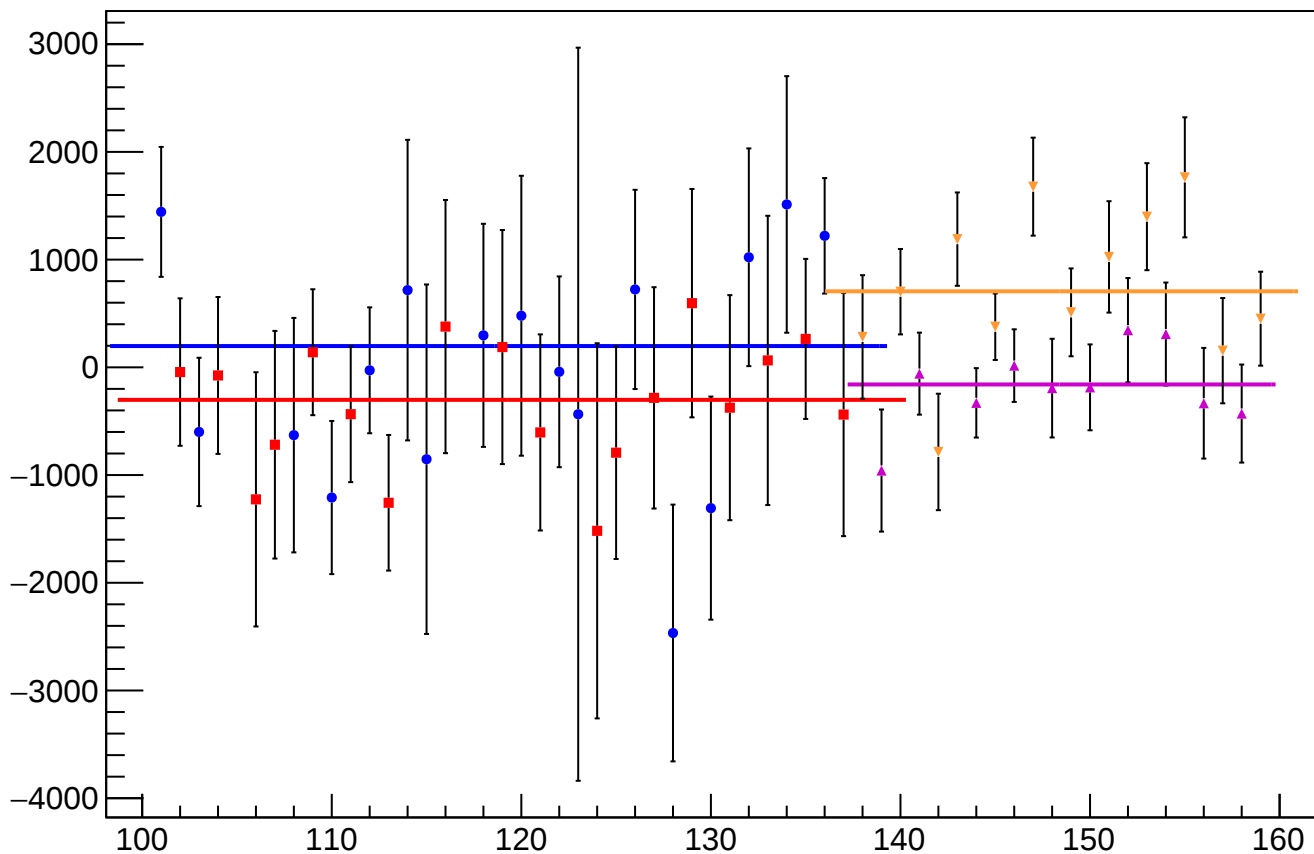
Right: 532.333+/-0.104 χ^2/NDF : 1243483.8/34

In: 426.956+/-0.081 χ^2/NDF : 1762203.4/26

Out: 425.464+/-0.078 χ^2/NDF : 1978325.9/29

All: 426.180+/-0.056 χ^2/NDF : 3740706.9/56

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561+/-211.480 χ^2/NDF : 23.9/16

Left Out: 705.738+/-129.145 χ^2/NDF : 22.9/11

Right Out: -301.856+/-205.700 χ^2/NDF : 6.7/17

Left In: -158.921+/-132.718 χ^2/NDF : 5.1/9

Left: 285.204+/-92.557 χ^2/NDF : 49.8/21

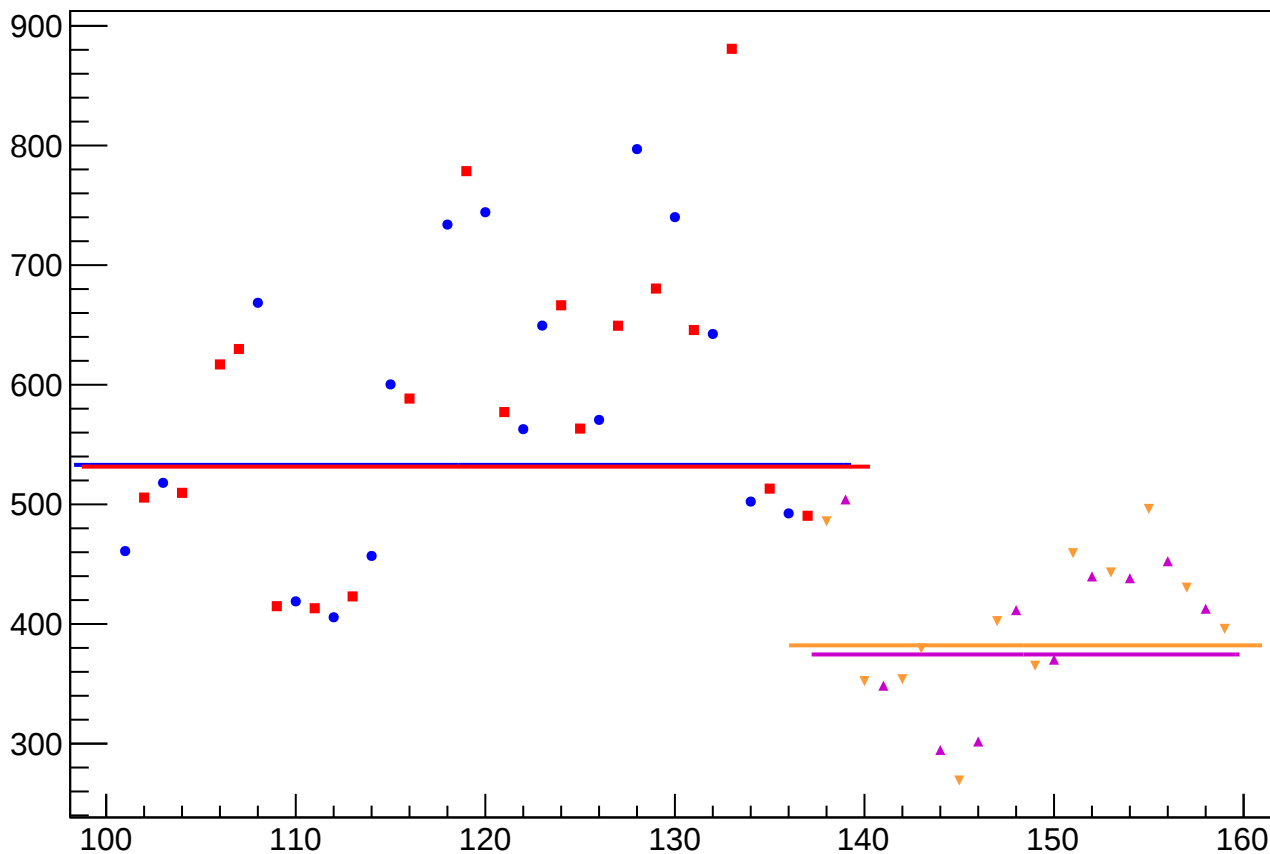
Right: -59.066+/-147.453 χ^2/NDF : 33.5/34

In: -58.193+/-112.415 χ^2/NDF : 31.1/26

Out: 420.861+/-109.375 χ^2/NDF : 46.8/29

All: 187.897+/-78.393 χ^2/NDF : 87.2/56

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2 /NDF: 566851.1/16

Left Out: 382.158 $\pm$ 0.091 χ^2 /NDF: 537716.4/11

Right Out: 531.559 $\pm$ 0.145 χ^2 /NDF: 597920.9/17

Left In: 374.540 $\pm$ 0.094 χ^2 /NDF: 475582.6/9

Left: 378.453 $\pm$ 0.065 χ^2 /NDF: 1016684.1/21

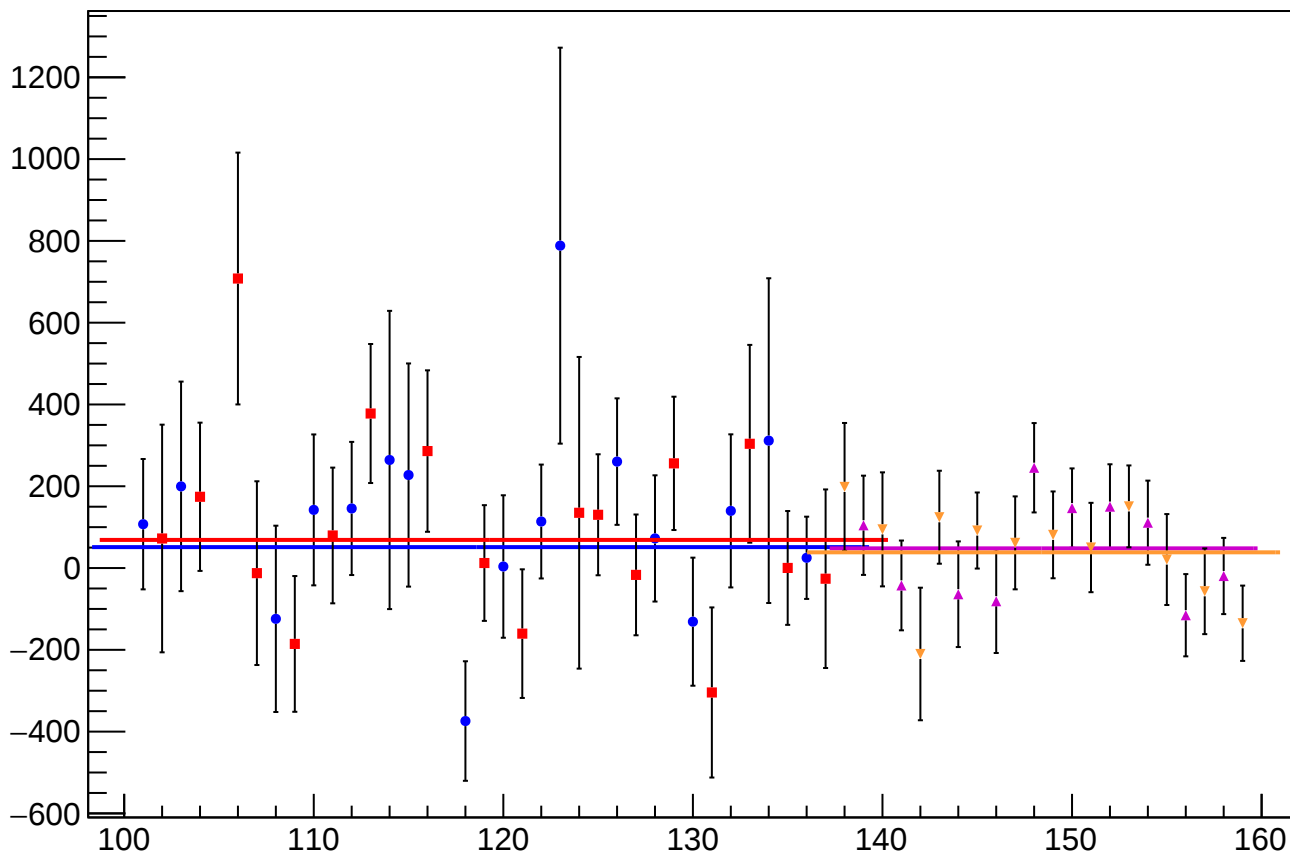
Right: 532.275 $\pm$ 0.104 χ^2 /NDF: 1164821.8/34

In: 419.323 $\pm$ 0.079 χ^2 /NDF: 1848348.7/26

Out: 424.399 $\pm$ 0.077 χ^2 /NDF: 1892382.9/29

All: 421.930 $\pm$ 0.055 χ^2 /NDF: 3742825.9/56

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: 38.428 $\pm$ 32.226 χ^2 /NDF:10.3/11

Right Out: 68.779 $\pm$ 42.803 χ^2 /NDF: 20.4/17

Left In: 48.121 $\pm$ 34.004 χ^2 /NDF:11.5/9

Left: 43.014 $\pm$ 23.390 χ^2 /NDF: 21.9/21

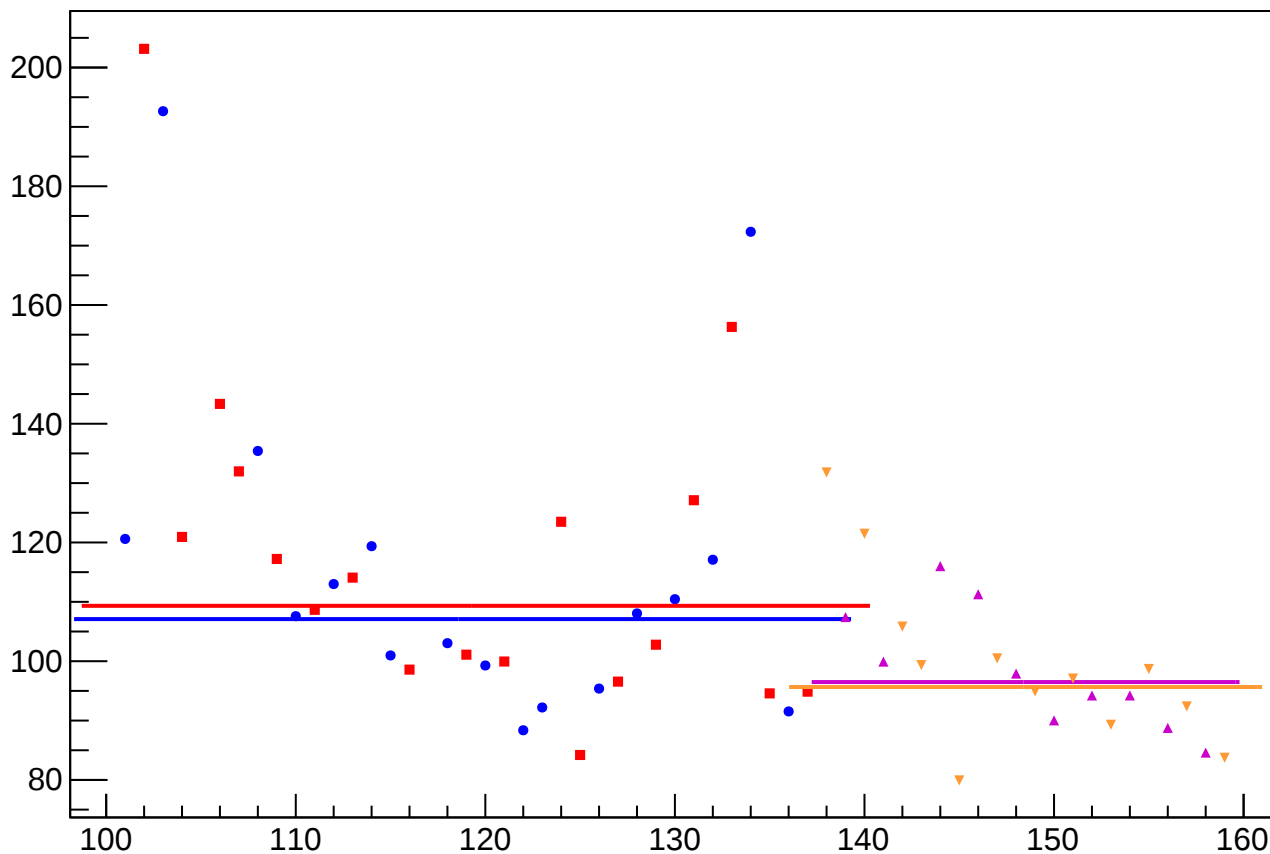
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 49.312 $\pm$ 26.531 χ^2 /NDF:28.9/26

Out: 49.408 $\pm$ 25.745 χ^2 /NDF:31.0/29

All: 49.362 $\pm$ 18.476 χ^2 /NDF: 59.9/56

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2 /NDF: 437755.4/16

Left Out: 95.651 $\pm$ 0.023 χ^2 /NDF:291615.7/11

Right Out: 109.329 $\pm$ 0.030 χ^2 /NDF: 506023.6/17

Left In: 96.489 $\pm$ 0.024 χ^2 /NDF:146606.5/9

Left: 96.048 $\pm$ 0.017 χ^2 /NDF: 438862.3/21

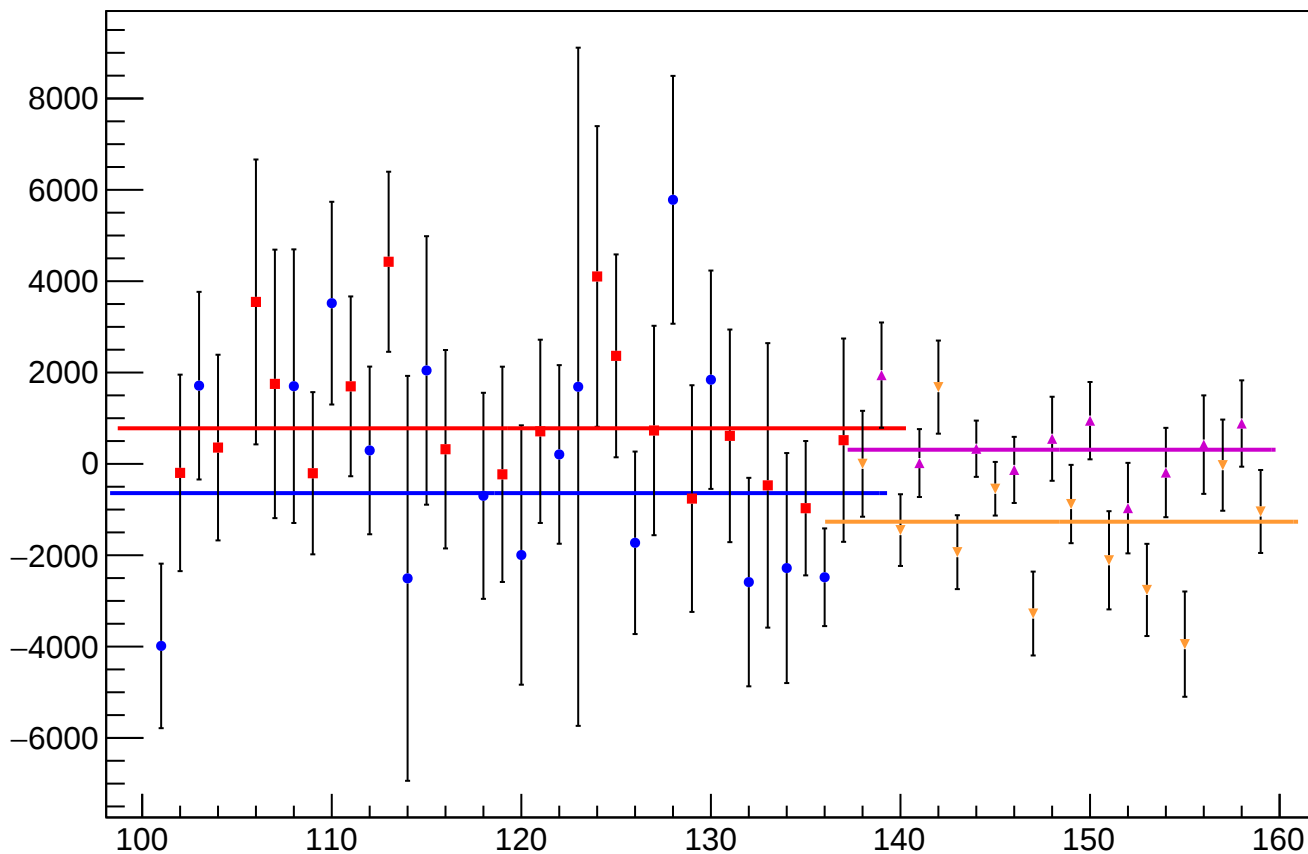
Right: 108.201 $\pm$ 0.021 χ^2 /NDF: 946531.4/34

In: 100.638 $\pm$ 0.019 χ^2 /NDF:660464.7/26

Out: 100.599 $\pm$ 0.018 χ^2 /NDF:927988.3/29

All: 100.618 $\pm$ 0.013 χ^2 /NDF: 1588455.2/56

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847+/-519.248 χ^2/NDF : 21.8/16

Left Out: -1265.925+/-257.185 χ^2/NDF : 26.6/11

Right Out: 779.450+/-516.450 χ^2/NDF : 8.8/17

Left In: 310.140+/-269.911 χ^2/NDF : 5.5/9

Left: -515.924+/-186.194 χ^2/NDF : 50.0/21

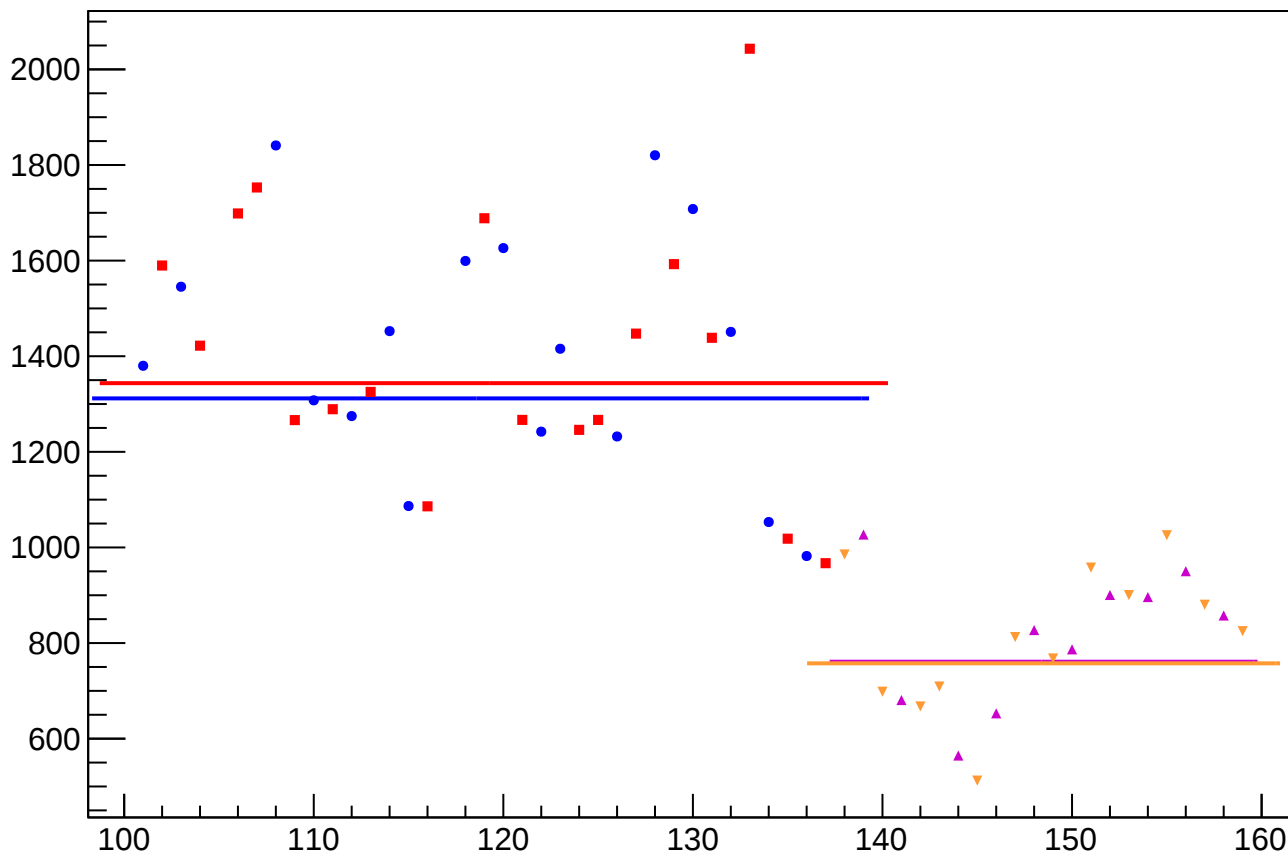
Right: 73.635+/-366.171 χ^2/NDF : 34.4/34

In: 108.053+/-239.488 χ^2/NDF : 29.9/26

Out: -859.486+/-230.218 χ^2/NDF : 48.0/29

All: -394.804+/-165.969 χ^2/NDF : 86.4/56

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 757.563+/-0.182 χ^2/NDF : 726614.4/11

Right Out: 1343.659+/-0.365 χ^2/NDF : 461009.9/17

Left In: 761.017+/-0.191 χ^2/NDF : 550054.2/9

Left: 759.207+/-0.132 χ^2/NDF : 1276840.3/21

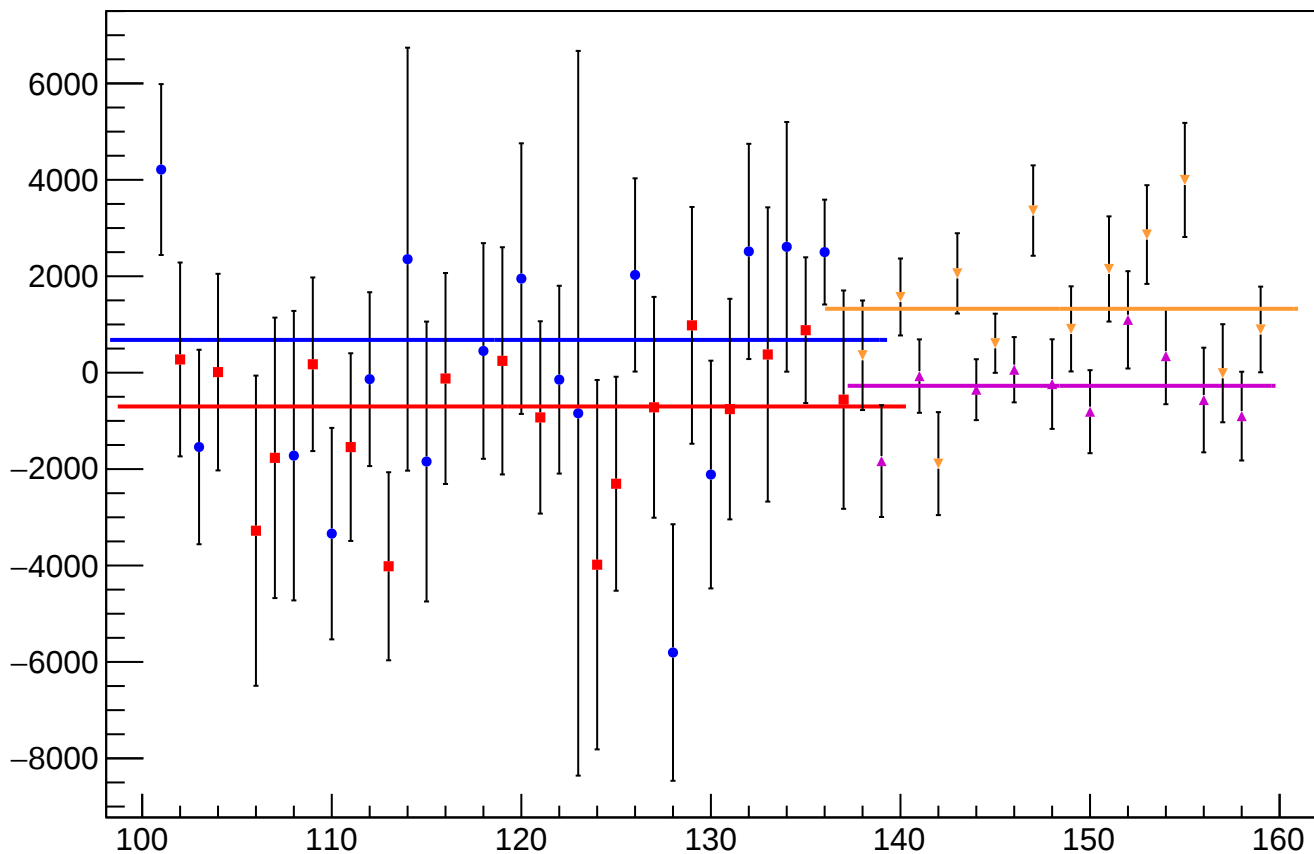
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 878.181+/-0.169 χ^2/NDF : 2834306.0/26

Out: 874.027+/-0.163 χ^2/NDF : 3251573.0/29

All: 876.022+/-0.117 χ^2/NDF : 6086191.7/56

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925+/-517.508 χ^2/NDF : 22.6/16

Left Out: 1325.243+/-262.788 χ^2/NDF :26.8/11

Right Out: -700.930+/-517.319 χ^2/NDF : 7.6/17

Left In: -272.305+/-270.370 χ^2/NDF :5.3/9

Left: 549.185+/-188.443 χ^2/NDF : 50.1/21

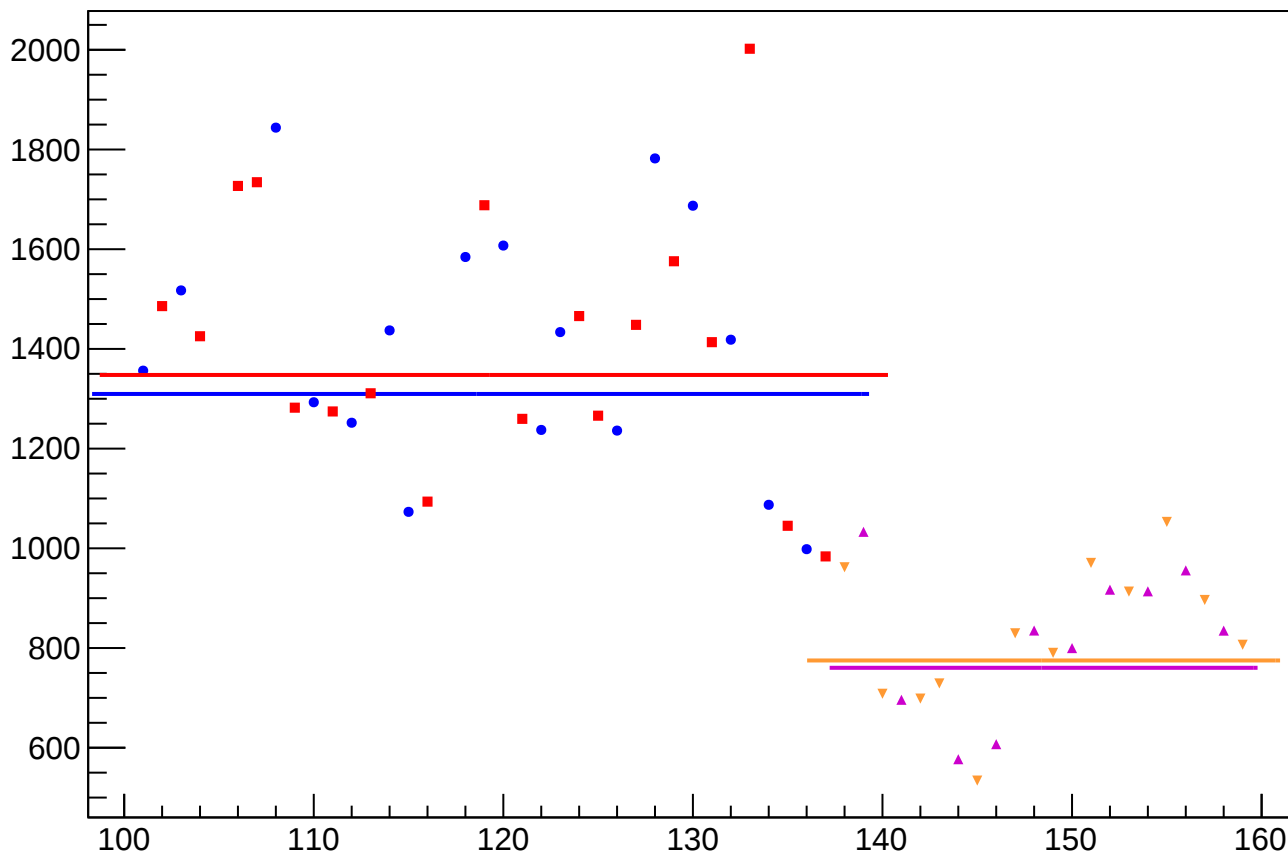
Right: -10.753+/-365.867 χ^2/NDF : 33.8/34

In: -68.124+/-239.637 χ^2/NDF :30.5/26

Out: 909.645+/-234.292 χ^2/NDF :46.7/29

All: 431.786+/-167.527 χ^2/NDF : 85.7/56

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 775.039 $\pm$ 0.186 χ^2/NDF : 642302.2/11

Right Out: 1347.768 $\pm$ 0.366 χ^2/NDF : 405345.0/17

Left In: 760.330 $\pm$ 0.191 χ^2/NDF : 586416.6/9

Left: 767.894 $\pm$ 0.133 χ^2/NDF : 1231762.6/21

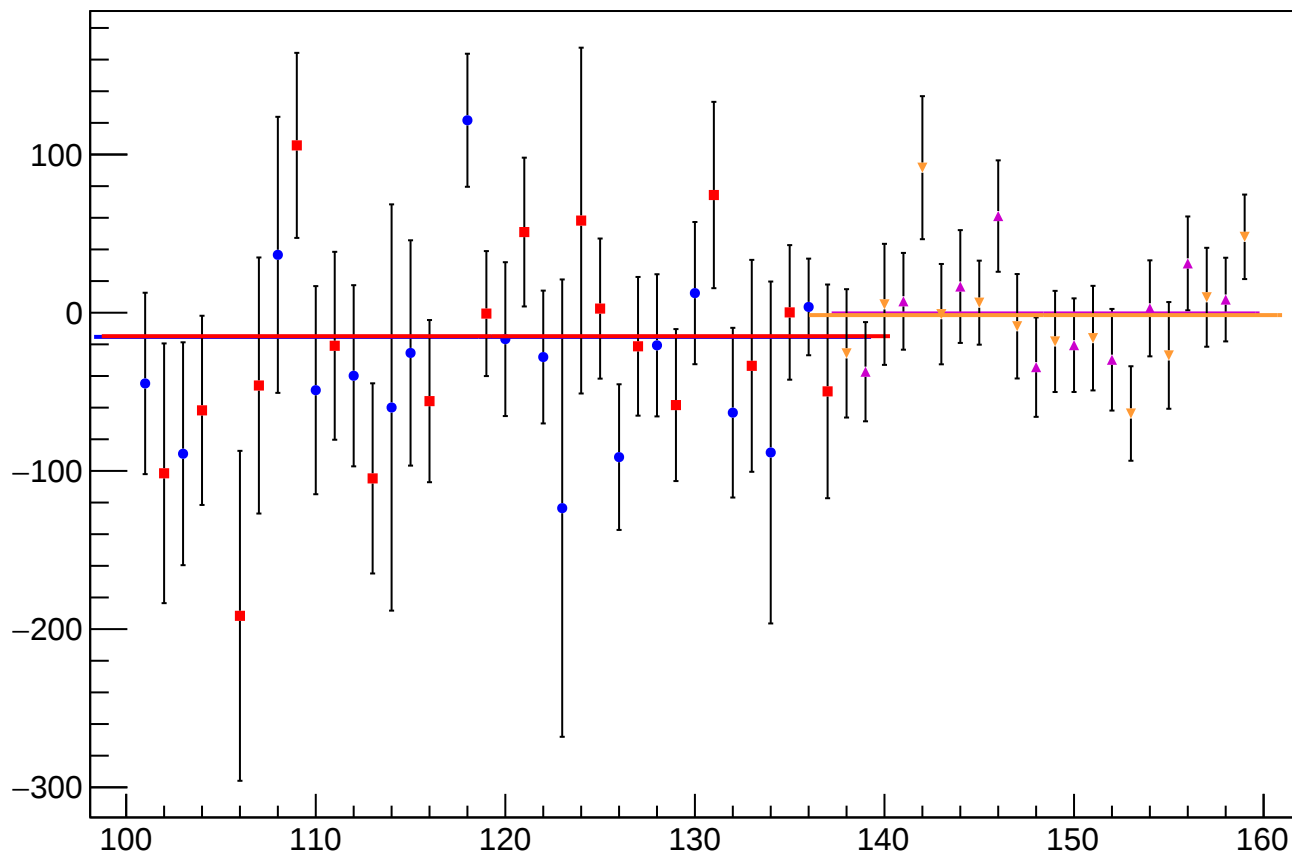
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 878.118 $\pm$ 0.169 χ^2/NDF : 2816008.7/26

Out: 892.514 $\pm$ 0.166 χ^2/NDF : 2996212.3/29

All: 885.478 $\pm$ 0.118 χ^2/NDF : 5815911.2/56

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -1.510 ± 9.354 χ^2/NDF : 13.7/11

Right Out: -14.839 ± 13.097 χ^2/NDF : 18.2/17

Left In: -0.450 ± 9.780 χ^2/NDF : 8.4/9

Left: -1.004 ± 6.760 χ^2/NDF : 22.2/21

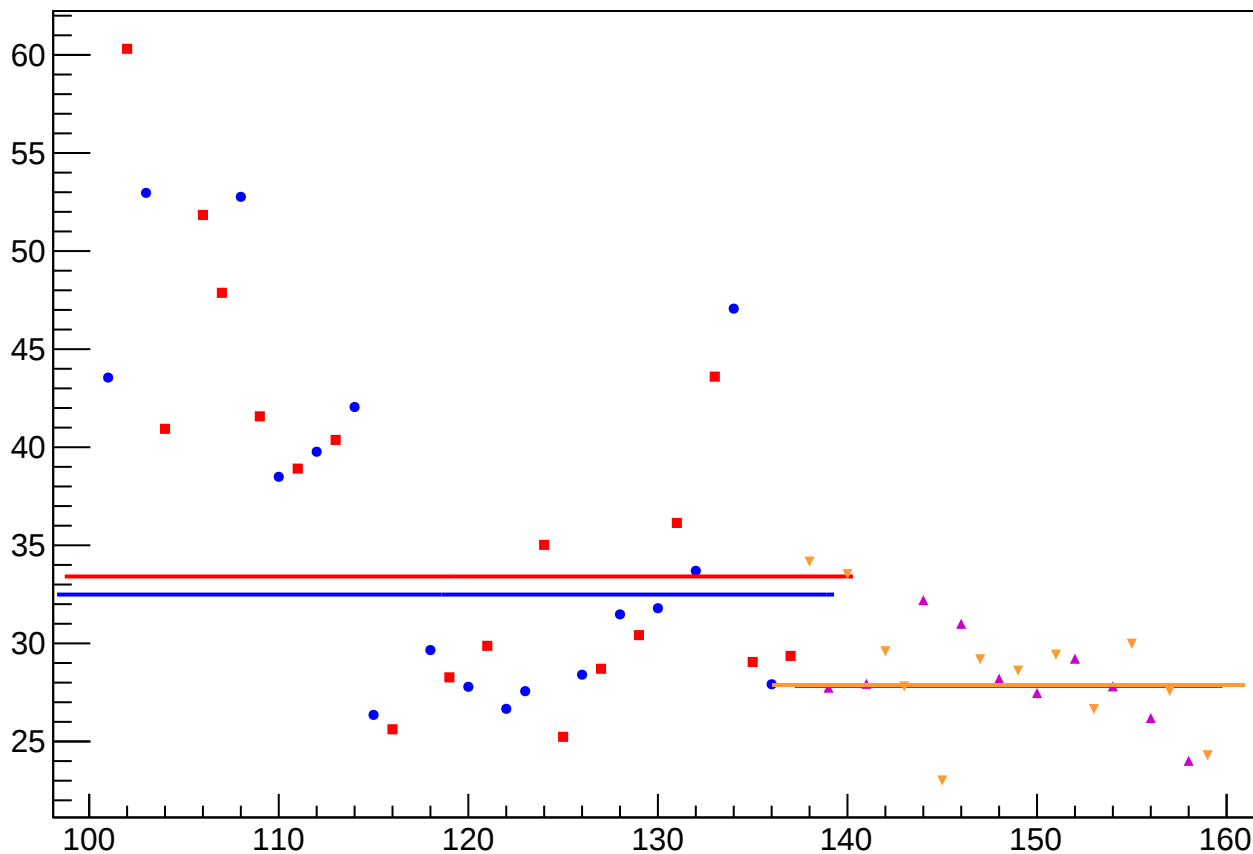
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.859 ± 7.795 χ^2/NDF : 27.6/26

Out: -6.012 ± 7.612 χ^2/NDF : 32.6/29

All: -5.938 ± 5.446 χ^2/NDF : 60.2/56

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.489+/-0.009 χ^2/NDF : 594480.9/16

Left Out: 27.880+/-0.007 χ^2/NDF : 217718.4/11

Right Out: 33.411+/-0.009 χ^2/NDF : 725189.8/17

Left In: 27.830+/-0.007 χ^2/NDF : 98441.3/9

Left: 27.856+/-0.005 χ^2/NDF : 316186.6/21

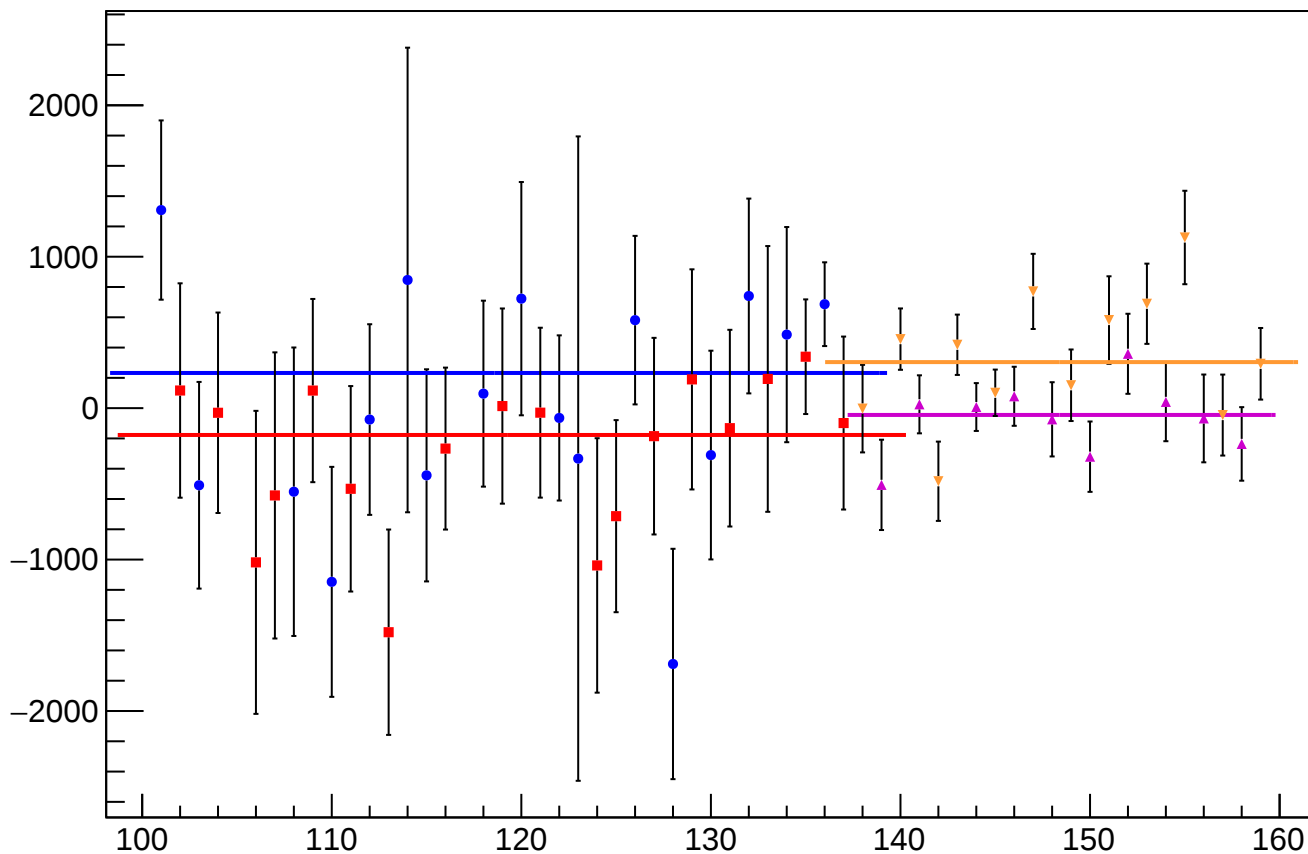
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.529+/-0.006 χ^2/NDF : 858454.4/26

Out: 29.748+/-0.005 χ^2/NDF : 1179114.1/29

All: 29.641+/-0.004 χ^2/NDF : 2038374.9/56

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: 304.081 $\pm$ 67.198 χ^2 /NDF:28.6/11

Right Out: -177.151 $\pm$ 150.003 χ^2 /NDF: 9.6/17

Left In: -44.884 $\pm$ 71.056 χ^2 /NDF:7.5/9

Left: 139.331 $\pm$ 48.823 χ^2 /NDF: 48.9/21

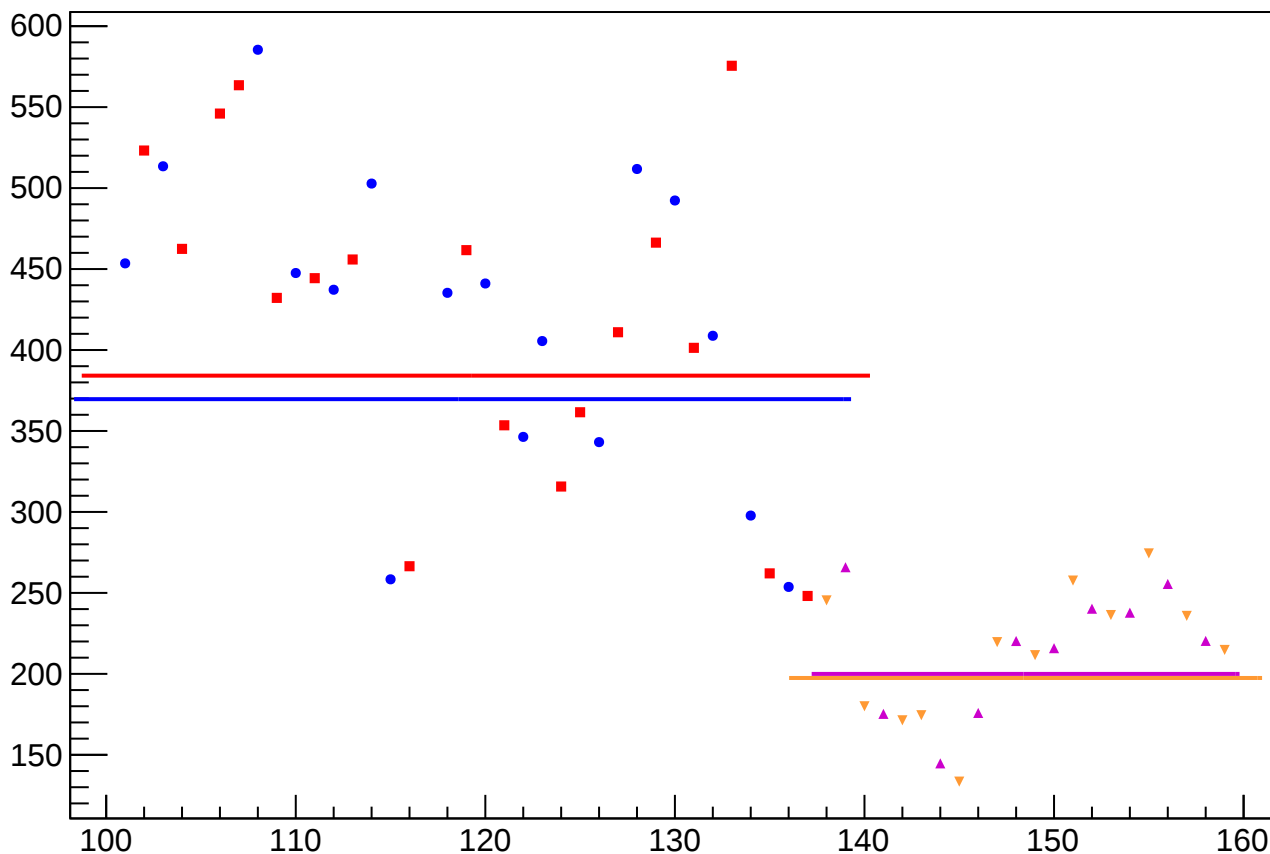
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 6.701 $\pm$ 64.105 χ^2 /NDF:31.8/26

Out: 223.648 $\pm$ 61.325 χ^2 /NDF:46.8/29

All: 119.980 $\pm$ 44.314 χ^2 /NDF: 84.6/56

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: 197.463 $\pm$ 0.048 χ^2 /NDF: 794310.0/11

Right Out: 384.171 $\pm$ 0.106 χ^2 /NDF: 874993.4/17

Left In: 199.974 $\pm$ 0.050 χ^2 /NDF: 605370.2/9

Left: 198.648 $\pm$ 0.035 χ^2 /NDF: 1400998.4/21

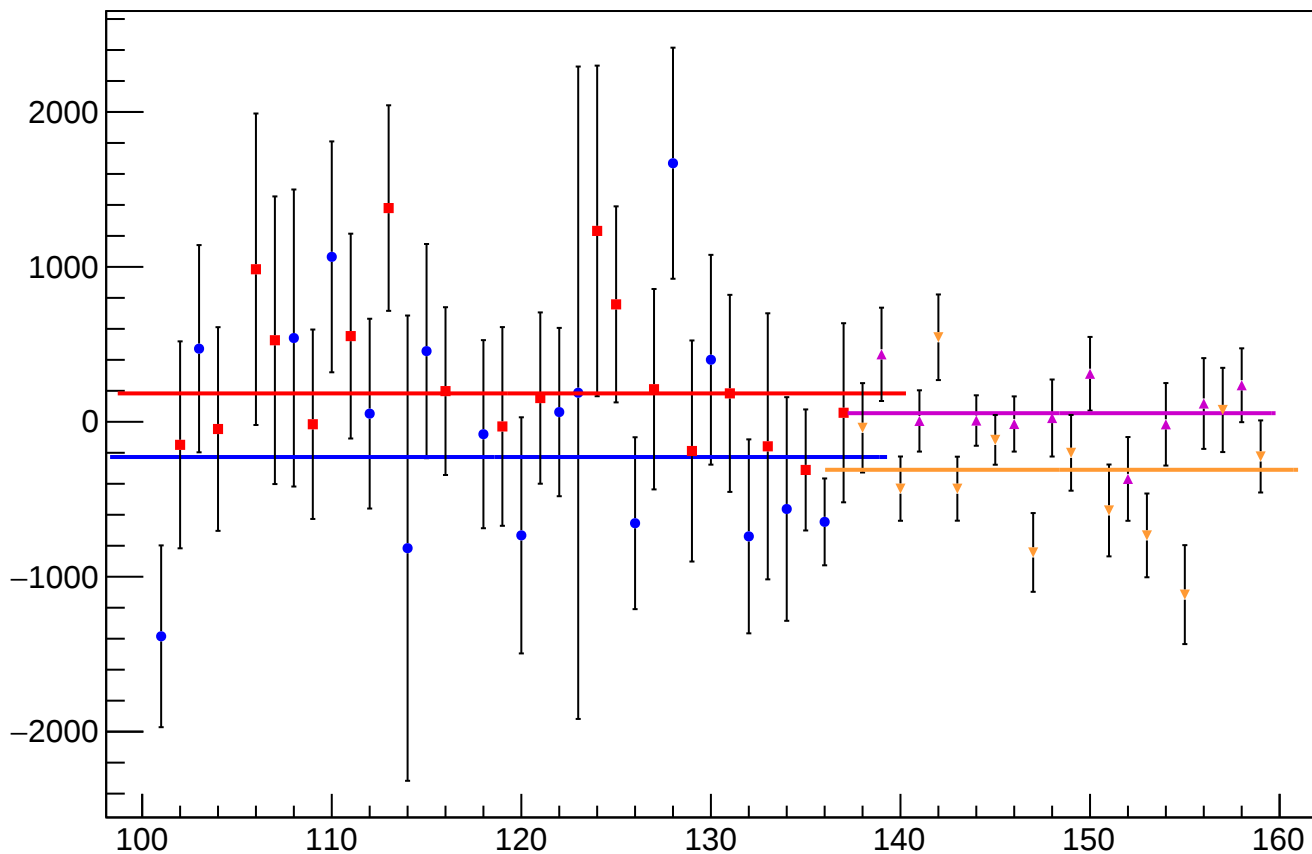
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.547 $\pm$ 0.045 χ^2 /NDF: 3630272.4/26

Out: 228.669 $\pm$ 0.043 χ^2 /NDF: 4249953.6/29

All: 230.045 $\pm$ 0.031 χ^2 /NDF: 7882331.1/56

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279+/-147.923 χ^2/NDF : 21.8/16

Left Out: -309.711+/-69.046 χ^2/NDF : 29.0/11

Right Out: 183.318+/-150.486 χ^2/NDF : 8.8/17

Left In: 55.675+/-71.307 χ^2/NDF : 6.2/9

Left: -132.904+/-49.603 χ^2/NDF : 48.7/21

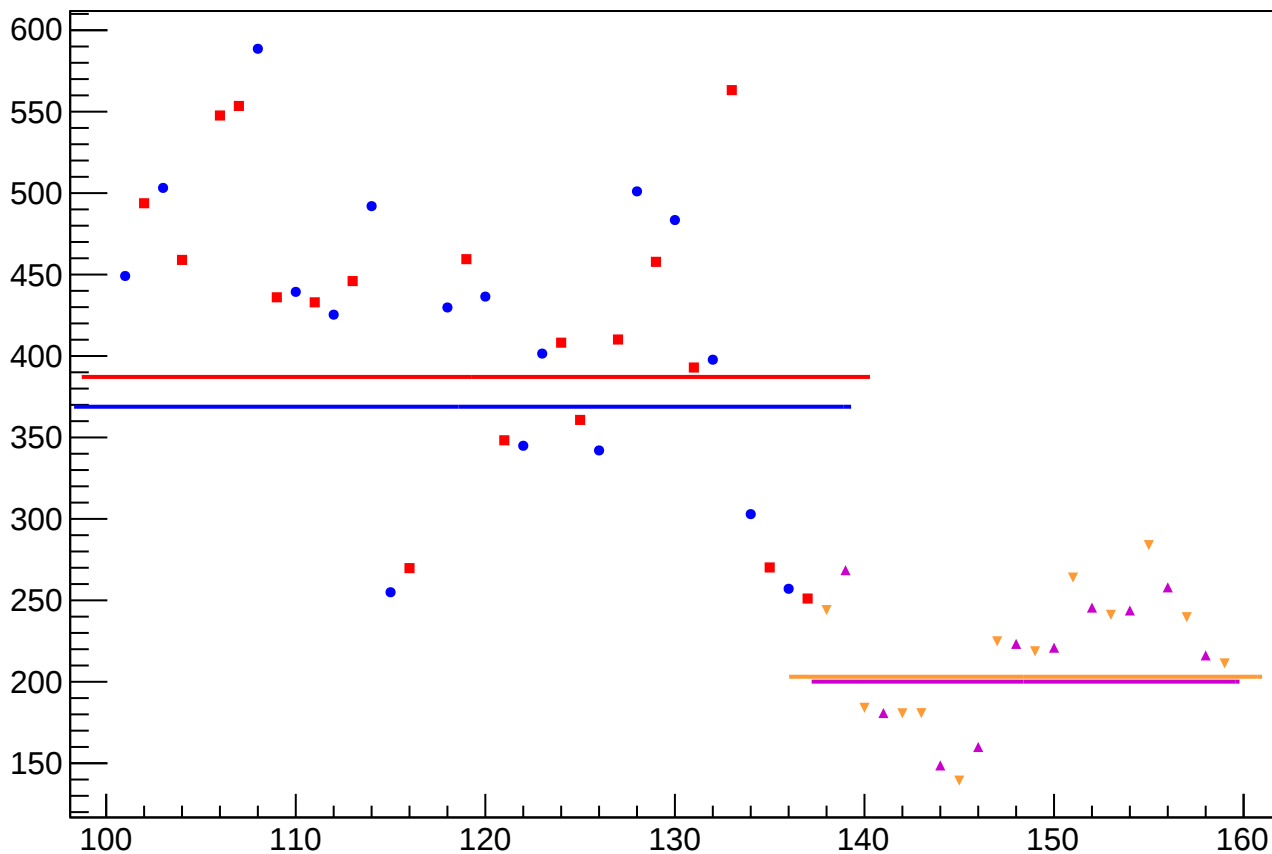
Right: -25.507+/-105.492 χ^2/NDF : 34.4/34

In: 2.321+/-64.233 χ^2/NDF : 31.0/26

Out: -223.972+/-62.755 χ^2/NDF : 46.6/29

All: -113.459+/-44.888 χ^2/NDF : 84.0/56

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: 203.102 $\pm$ 0.049 χ^2/NDF : 723260.1/11

Right Out: 387.165 $\pm$ 0.106 χ^2/NDF : 758108.0/17

Left In: 200.093 $\pm$ 0.050 χ^2/NDF : 653394.6/9

Left: 201.646 $\pm$ 0.035 χ^2/NDF : 1378493.1/21

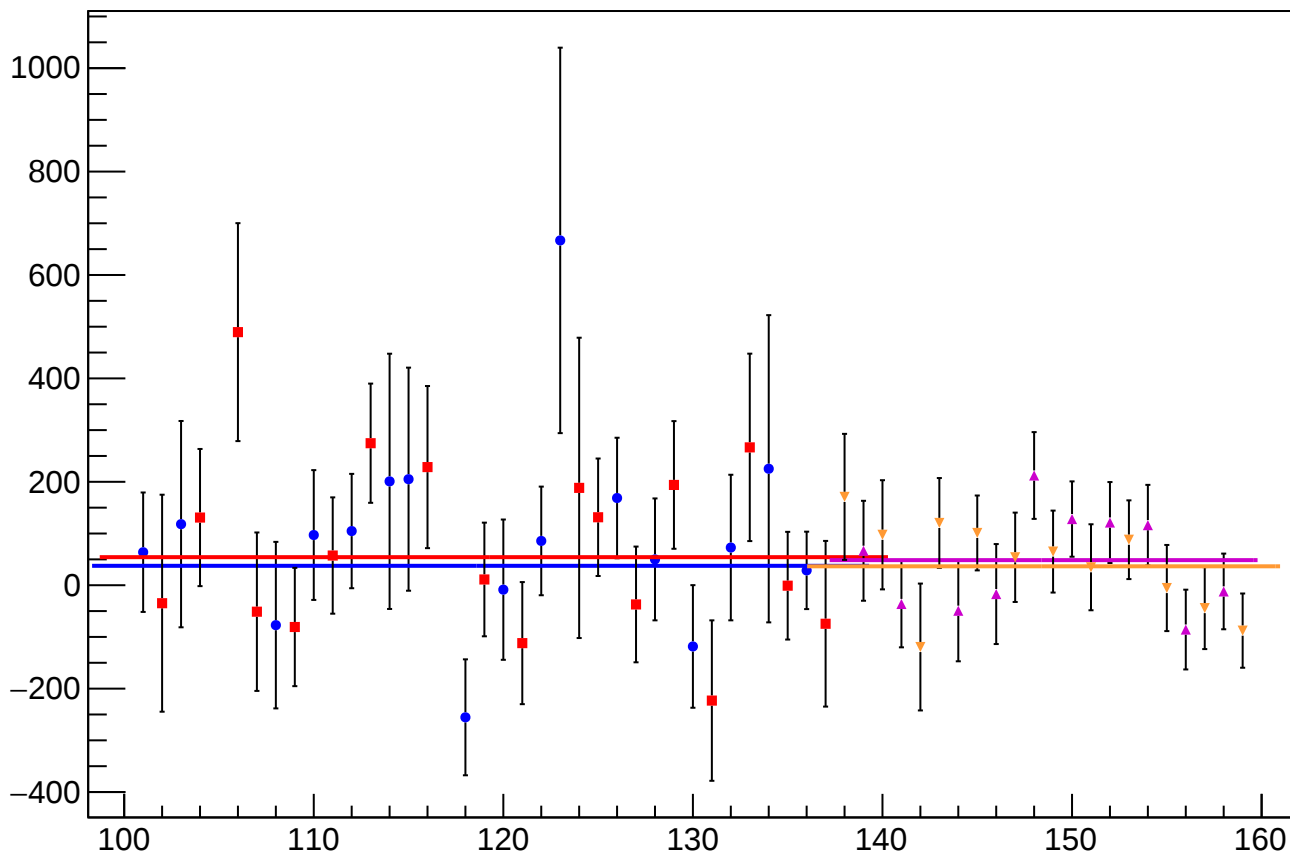
Right: 377.857 $\pm$ 0.075 χ^2/NDF : 1602884.1/34

In: 231.917 $\pm$ 0.045 χ^2/NDF : 3595684.7/26

Out: 235.112 $\pm$ 0.044 χ^2/NDF : 3953075.9/29

All: 233.551 $\pm$ 0.032 χ^2/NDF : 7551292.1/56

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: 36.581 $\pm$ 24.587 χ^2 /NDF: 9.8/11

Right Out: 54.274 $\pm$ 31.489 χ^2 /NDF: 21.8/17

Left In: 48.532 $\pm$ 26.047 χ^2 /NDF: 12.8/9

Left: 42.212 $\pm$ 17.879 χ^2 /NDF: 22.8/21

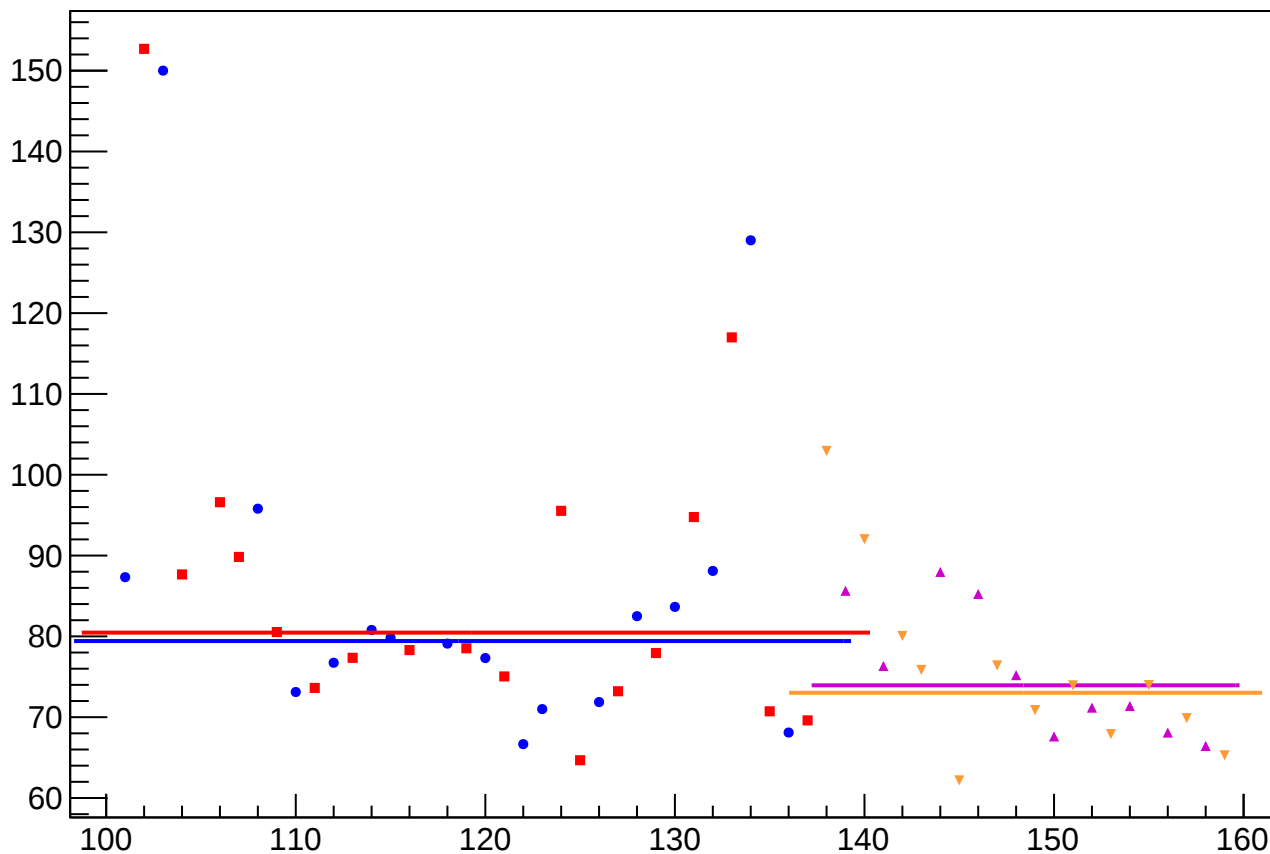
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 44.060 $\pm$ 20.063 χ^2 /NDF: 28.8/26

Out: 43.282 $\pm$ 19.379 χ^2 /NDF: 31.8/29

All: 43.657 $\pm$ 13.939 χ^2 /NDF: 60.6/56

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.421 $\pm$ 0.022 χ^2/NDF : 439047.1/16

Left Out: 73.017 $\pm$ 0.017 χ^2/NDF :279328.7/11

Right Out: 80.465 $\pm$ 0.022 χ^2/NDF : 454376.0/17

Left In: 73.945 $\pm$ 0.018 χ^2/NDF :152148.1/9

Left: 73.454 $\pm$ 0.013 χ^2/NDF : 432818.6/21

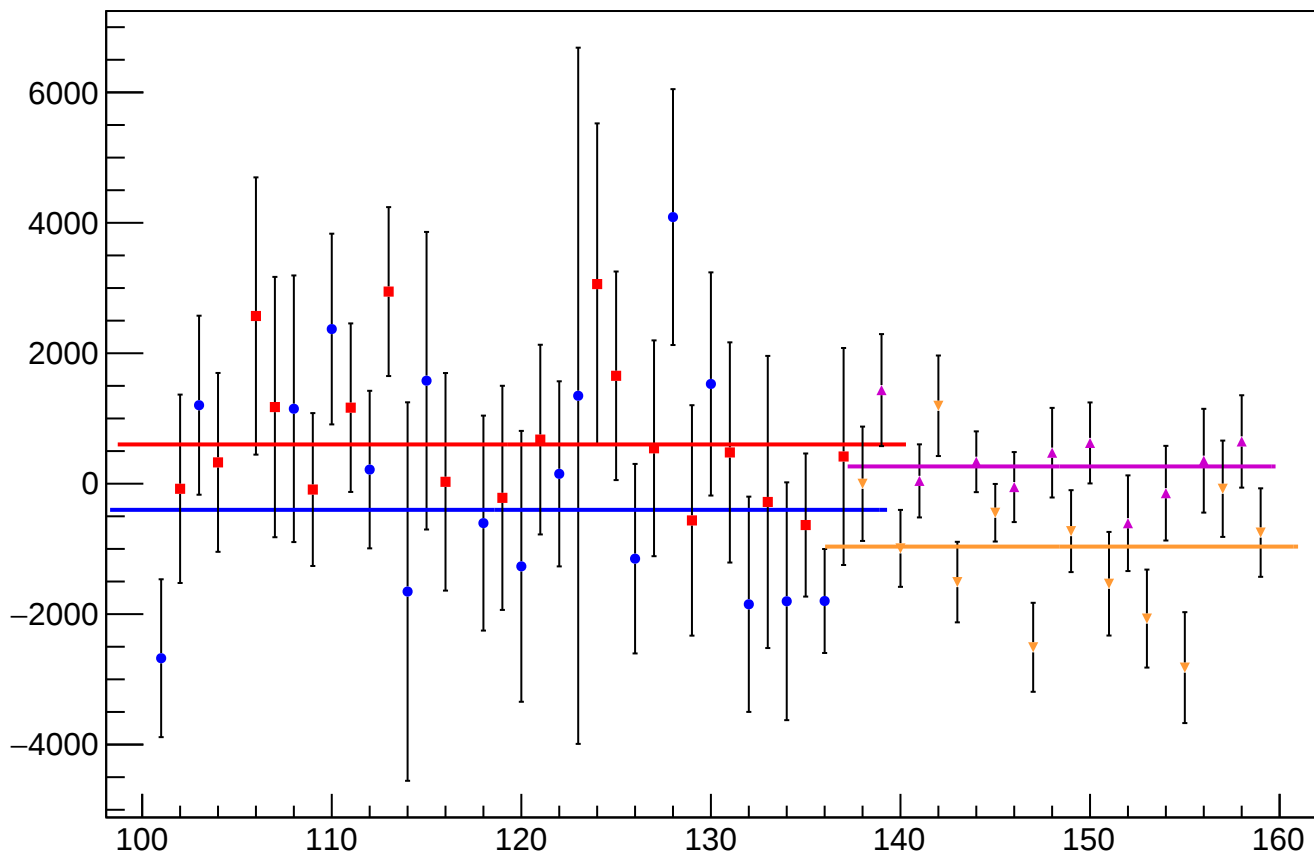
Right: 79.943 $\pm$ 0.016 χ^2/NDF : 894523.3/34

In: 76.172 $\pm$ 0.014 χ^2/NDF :627152.4/26

Out: 75.838 $\pm$ 0.014 χ^2/NDF :803220.4/29

All: 75.999 $\pm$ 0.010 χ^2/NDF : 1430659.6/56

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 $\pm$ 368.480 χ^2 /NDF: 21.9/16

Left Out: -964.509 $\pm$ 192.310 χ^2 /NDF:25.5/11

Right Out: 601.891 $\pm$ 363.668 χ^2 /NDF: 8.7/17

Left In: 264.580 $\pm$ 201.392 χ^2 /NDF:4.8/9

Left: -378.303 $\pm$ 139.084 χ^2 /NDF: 49.8/21

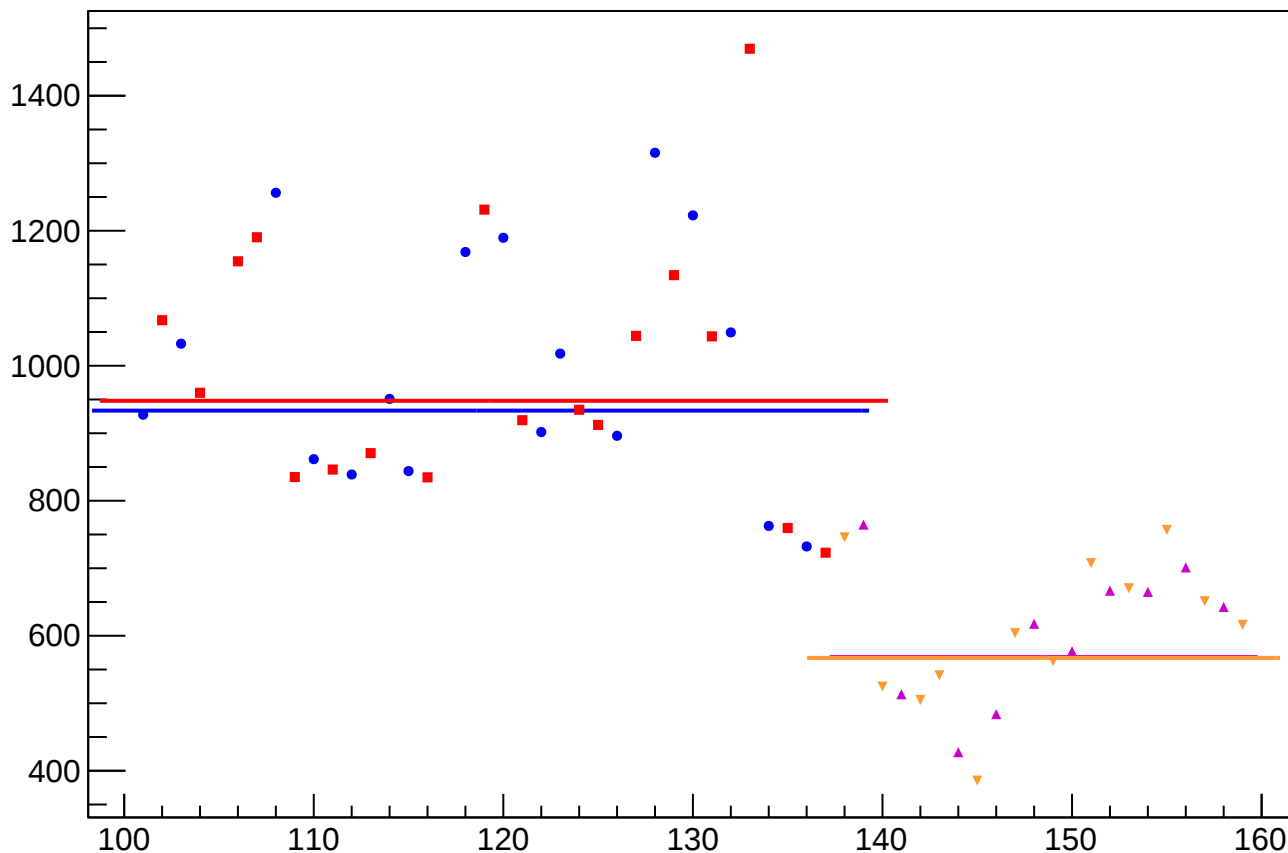
Right: 107.014 $\pm$ 258.836 χ^2 /NDF: 34.4/34

In: 111.480 $\pm$ 176.720 χ^2 /NDF:29.3/26

Out: -622.207 $\pm$ 170.004 χ^2 /NDF:48.6/29

All: -269.570 $\pm$ 122.516 χ^2 /NDF: 86.9/56

asym_sam_12345678_avg_correction_rms vs Slug, Sign Corrected



Right In: 933.530 $\pm$ 0.261 χ^2 /NDF: 442321.9/16

Left Out: 567.166 $\pm$ 0.136 χ^2 /NDF: 690569.6/11

Right Out: 948.131 $\pm$ 0.257 χ^2 /NDF: 405153.7/17

Left In: 568.444 $\pm$ 0.142 χ^2 /NDF: 515847.5/9

Left: 567.776 $\pm$ 0.098 χ^2 /NDF: 1206459.3/21

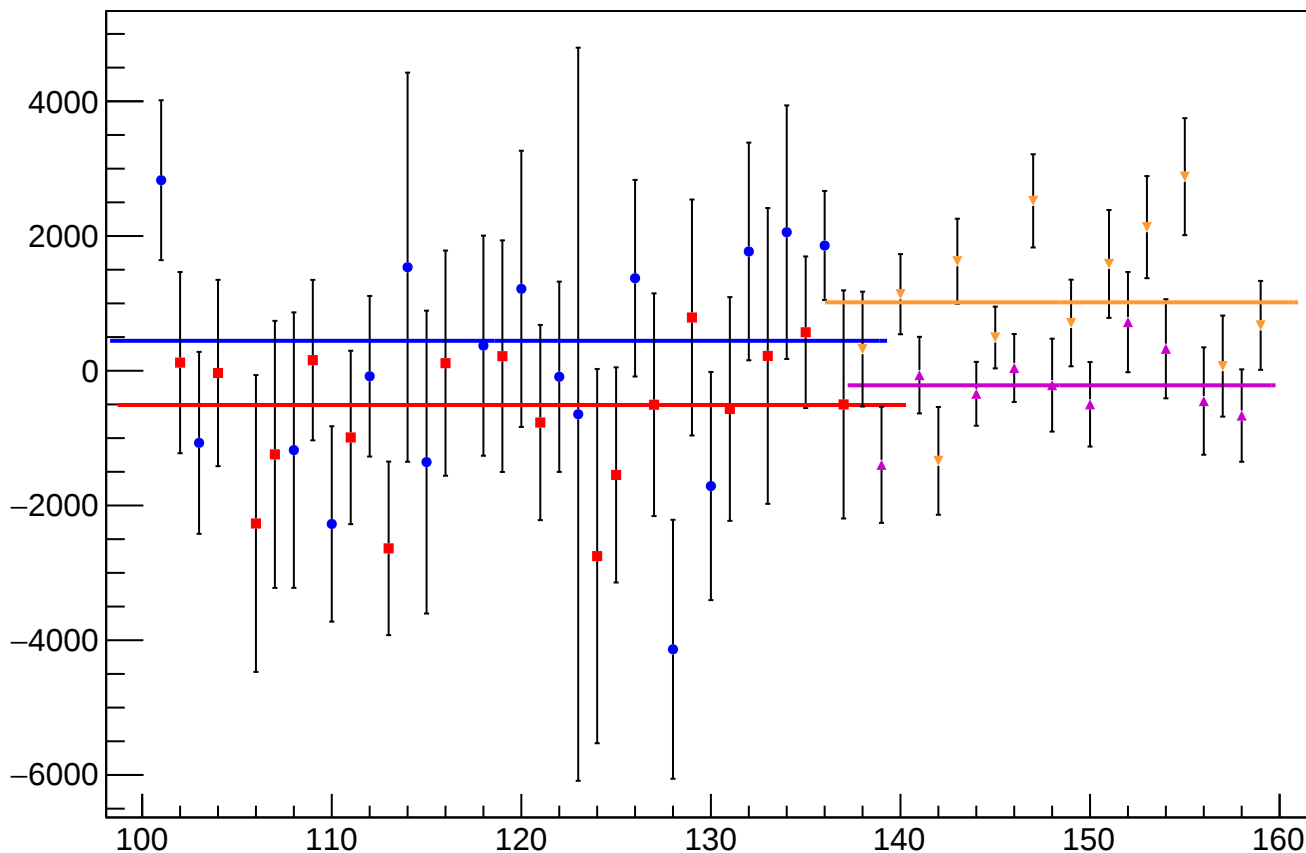
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 652.417 $\pm$ 0.125 χ^2 /NDF: 2469915.4/26

Out: 650.418 $\pm$ 0.120 χ^2 /NDF: 2810881.5/29

All: 651.379 $\pm$ 0.087 χ^2 /NDF: 5280929.8/56

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1015.846+/-195.207 χ^2/NDF :25.7/11

Right Out: -508.221+/-364.112 χ^2/NDF : 7.3/17

Left In: -216.217+/-200.712 χ^2/NDF :5.1/9

Left: 416.941+/-139.938 χ^2/NDF : 50.2/21

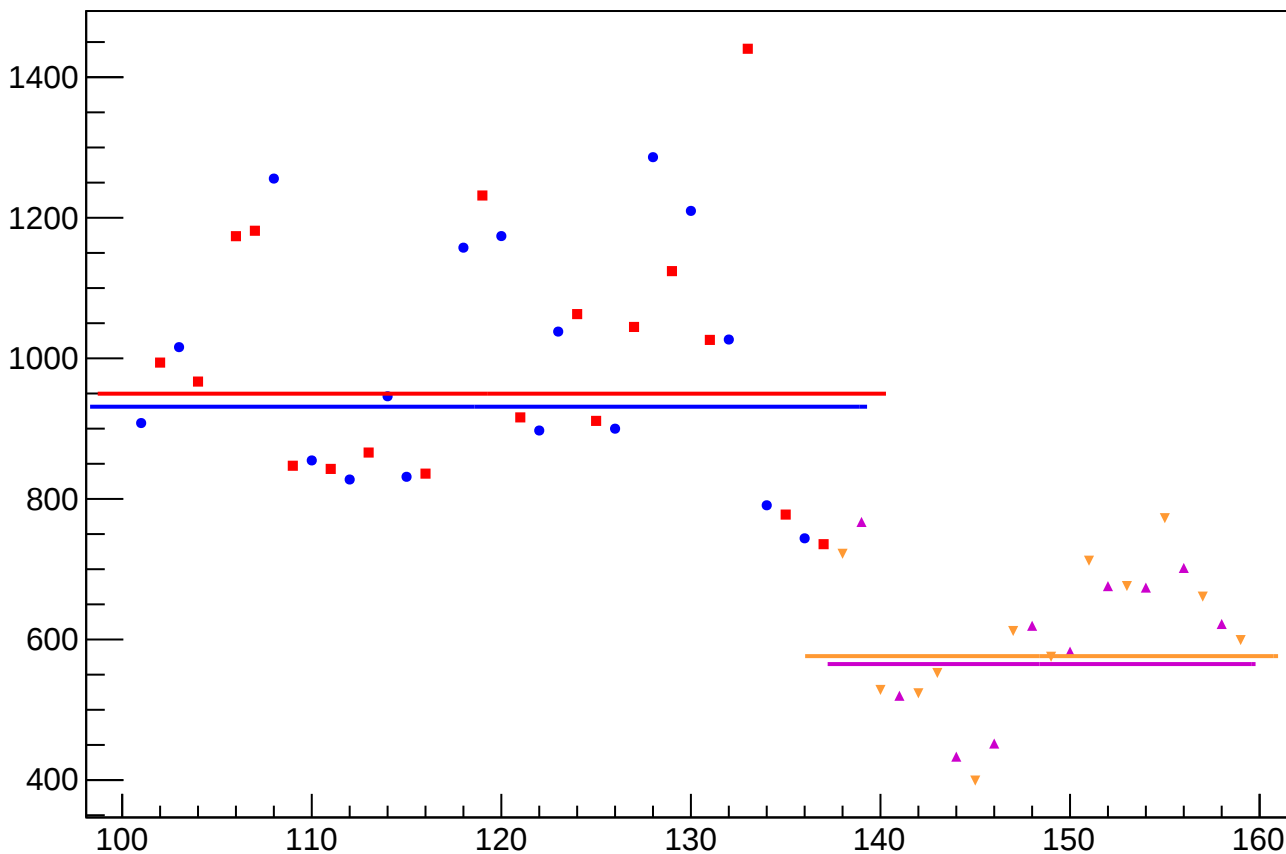
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -64.121+/-176.108 χ^2/NDF :30.5/26

Out: 675.590+/-172.042 χ^2/NDF :46.6/29

All: 314.372+/-123.065 χ^2/NDF : 86.2/56

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203+/-0.260 χ^2/NDF : 400242.2/16

Left Out: 576.348+/-0.138 χ^2/NDF : 608844.6/11

Right Out: 949.740+/-0.257 χ^2/NDF : 365550.8/17

Left In: 565.054+/-0.142 χ^2/NDF : 552572.5/9

Left: 570.858+/-0.099 χ^2/NDF : 1164671.7/21

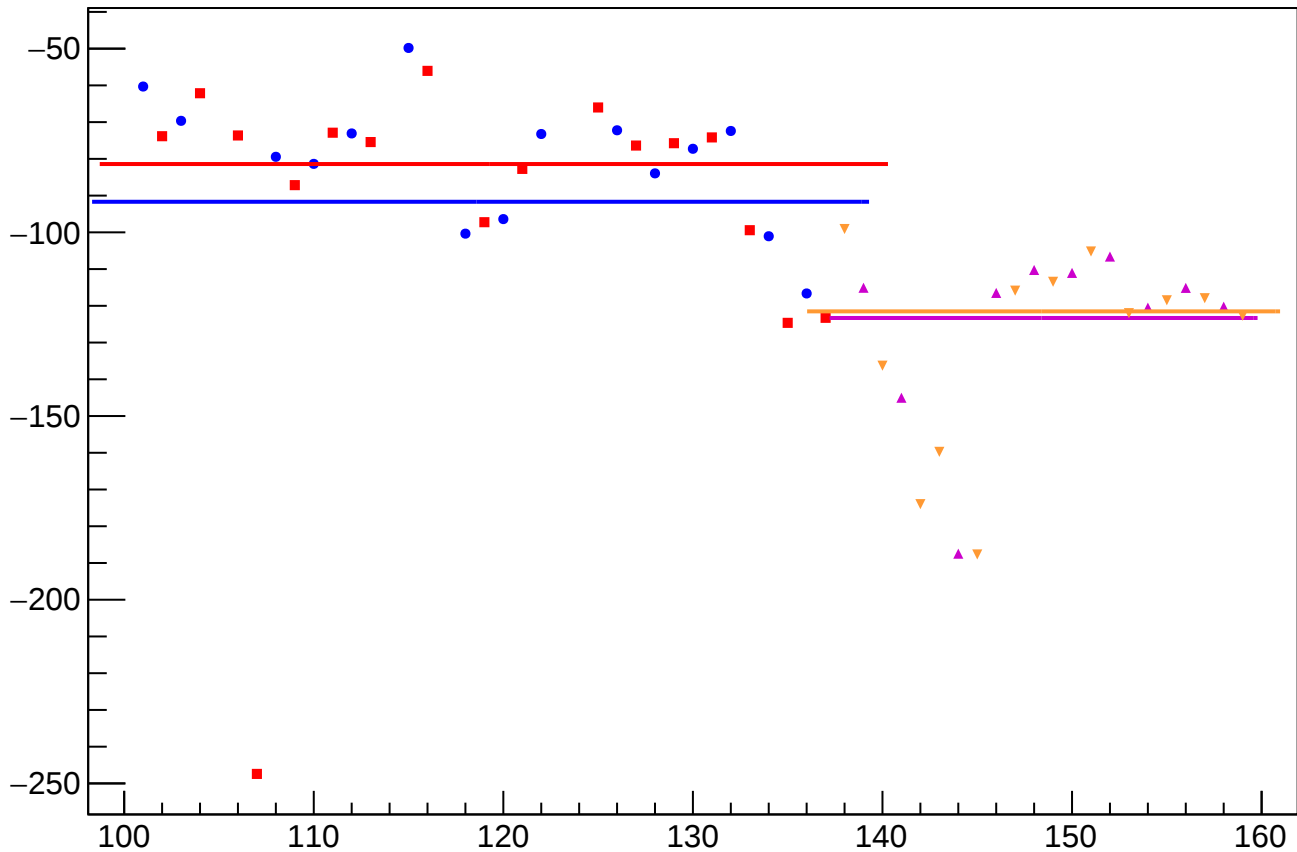
Right: 940.547+/-0.183 χ^2/NDF : 768363.9/34

In: 649.319+/-0.125 χ^2/NDF : 2484576.3/26

Out: 659.710+/-0.122 χ^2/NDF : 2608081.8/29

All: 654.636+/-0.087 χ^2/NDF : 5096220.6/56

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 χ^2/NDF : 64621.9/14

Left Out: -121.510 ± 0.084 χ^2/NDF : 21814.0/11

Right Out: -81.406 ± 0.098 χ^2/NDF : 41708.8/16

Left In: -123.313 ± 0.085 χ^2/NDF : 41703.5/9

Left: -122.406 ± 0.060 χ^2/NDF : 63743.7/21

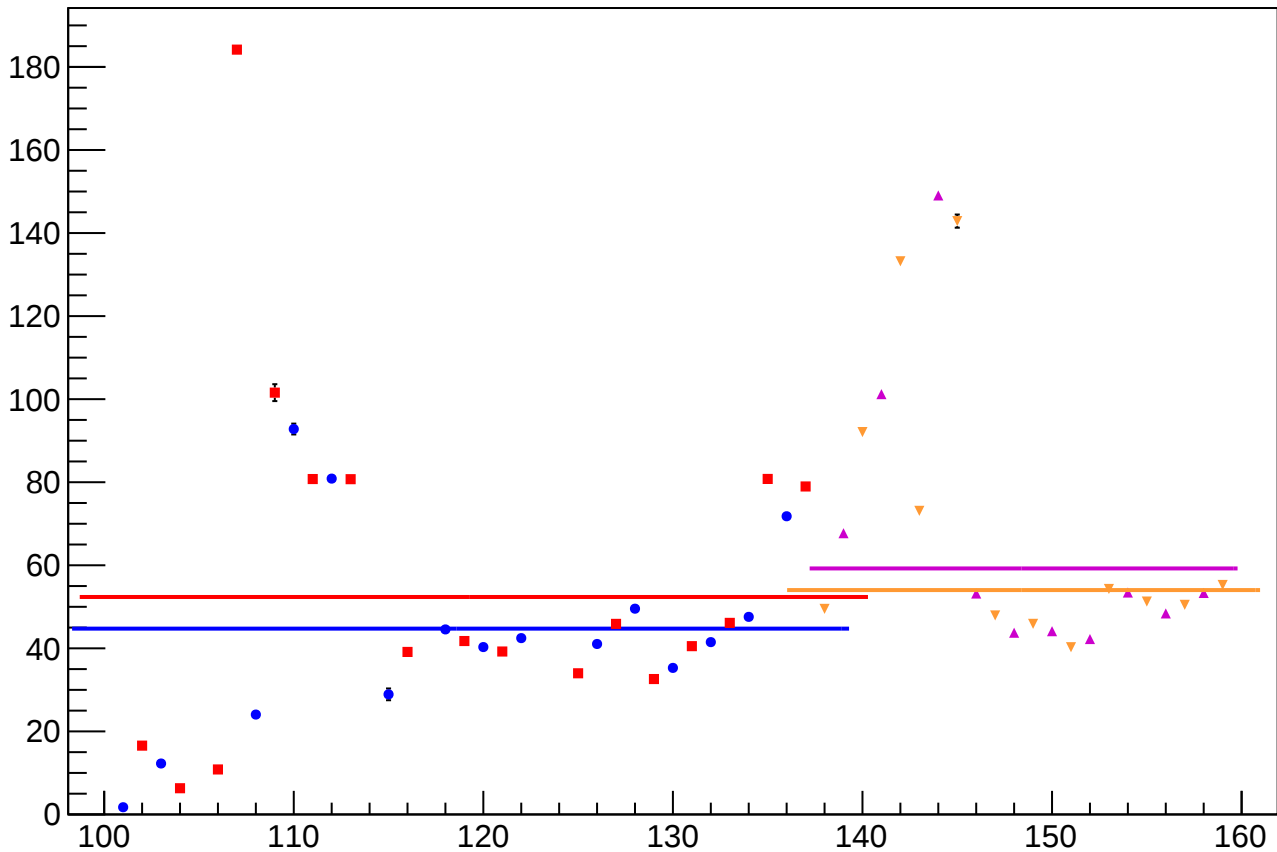
Right: -88.221 ± 0.057 χ^2/NDF : 113551.1/31

In: -104.481 ± 0.054 χ^2/NDF : 188659.1/24

Out: -104.507 ± 0.064 χ^2/NDF : 159073.9/28

All: -104.492 ± 0.041 χ^2/NDF : 347733.1/53

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 54.030 $\pm$ 0.069 χ^2 /NDF:41535.2/11

Right Out: 52.367 $\pm$ 0.113 χ^2 /NDF: 69285.2/16

Left In: 59.238 $\pm$ 0.074 χ^2 /NDF:104792.3/9

Left: 56.451 $\pm$ 0.050 χ^2 /NDF: 148989.6/21

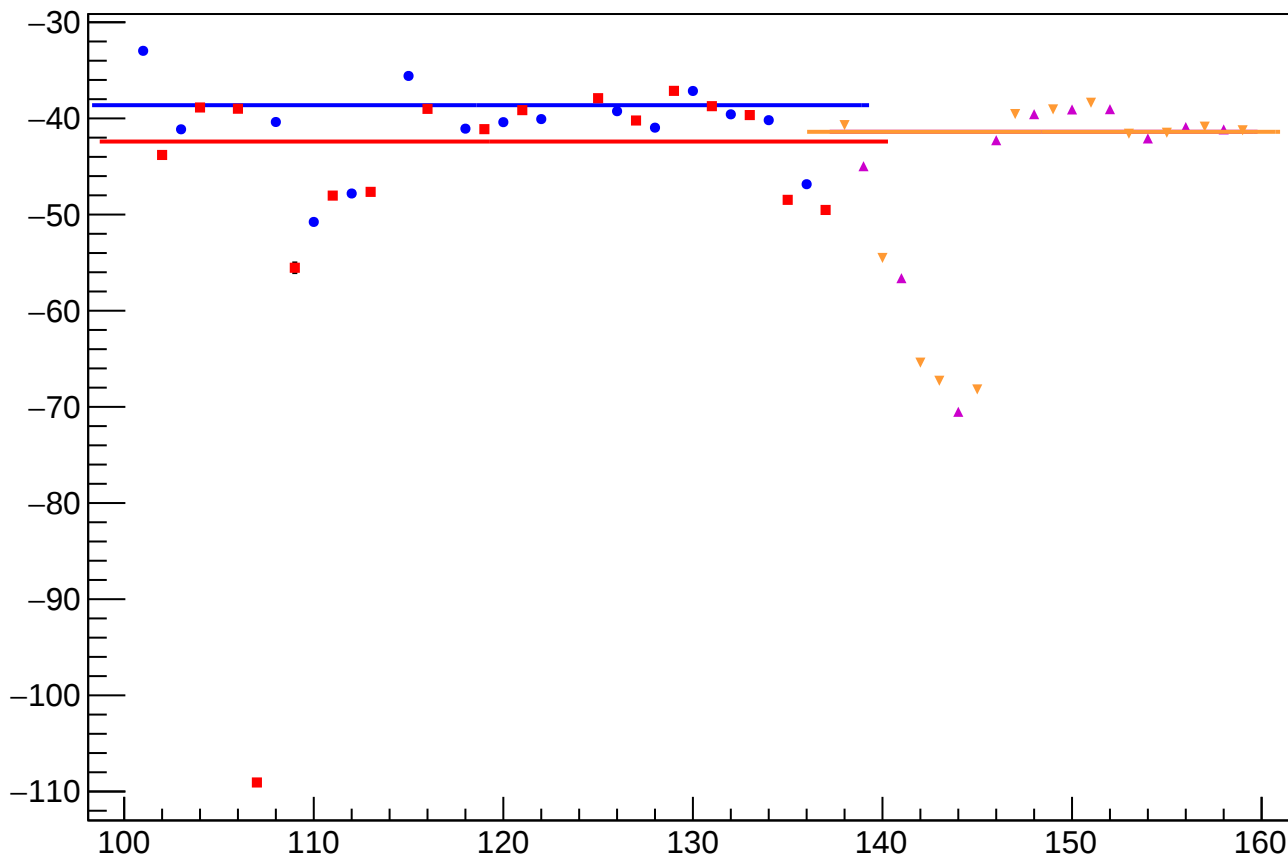
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.574 $\pm$ 0.047 χ^2 /NDF:212519.3/24

Out: 53.577 $\pm$ 0.059 χ^2 /NDF:110979.3/28

All: 51.742 $\pm$ 0.037 χ^2 /NDF: 325096.8/53

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625+/-0.008 χ^2/NDF : 240108.7/14

Left Out: -41.394+/-0.009 χ^2/NDF : 185303.1/11

Right Out: -42.406+/-0.021 χ^2/NDF : 269138.5/16

Left In: -41.390+/-0.011 χ^2/NDF : 142428.4/9

Left: -41.392+/-0.007 χ^2/NDF : 327731.5/21

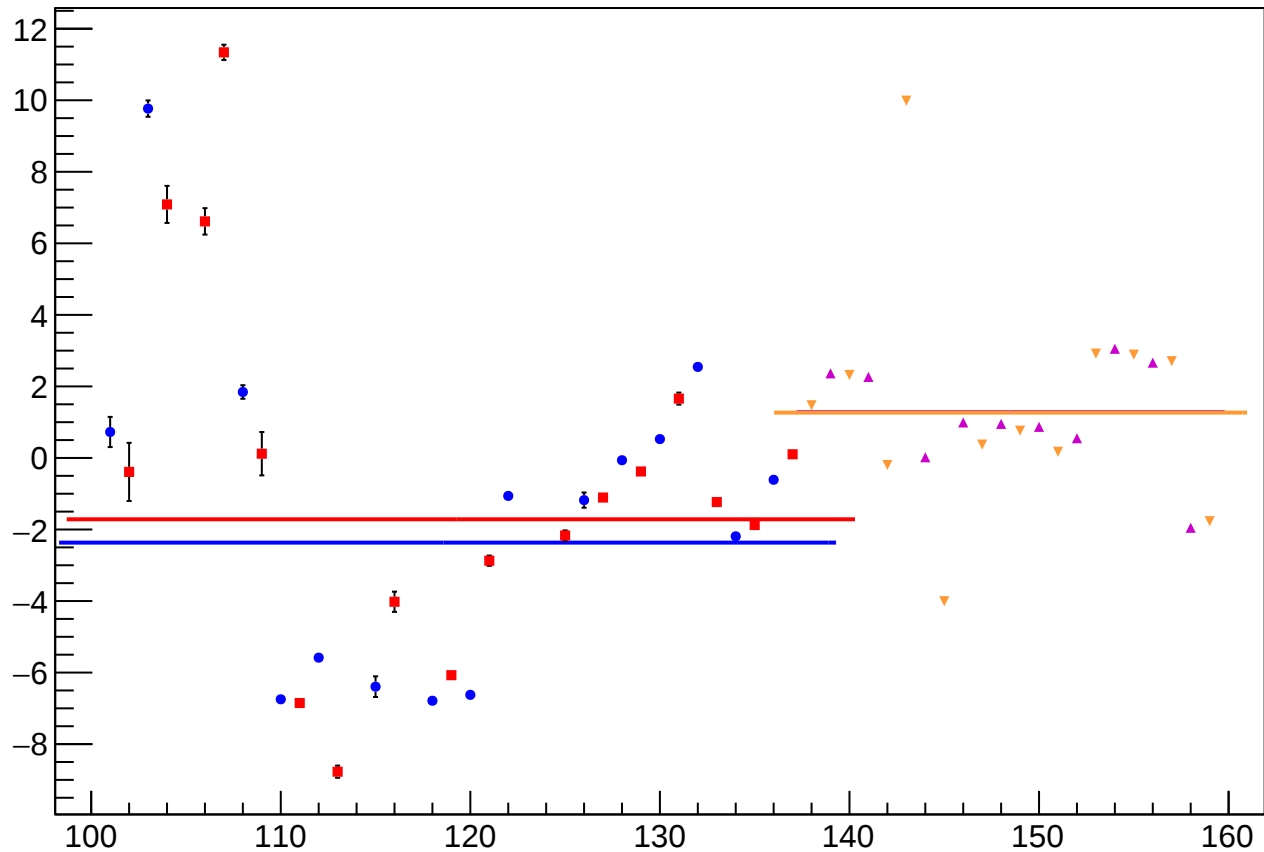
Right: -39.121+/-0.008 χ^2/NDF : 536660.1/31

In: -39.610+/-0.007 χ^2/NDF : 422347.2/24

Out: -41.558+/-0.009 χ^2/NDF : 456336.6/28

All: -40.340+/-0.005 χ^2/NDF : 910997.0/53

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.268 ± 0.010 χ^2/NDF : 38570.5/11

Right Out: -1.715 ± 0.027 χ^2/NDF : 12719.3/16

Left In: 1.284 ± 0.010 χ^2/NDF : 23953.0/9

Left: 1.277 ± 0.007 χ^2/NDF : 62524.7/21

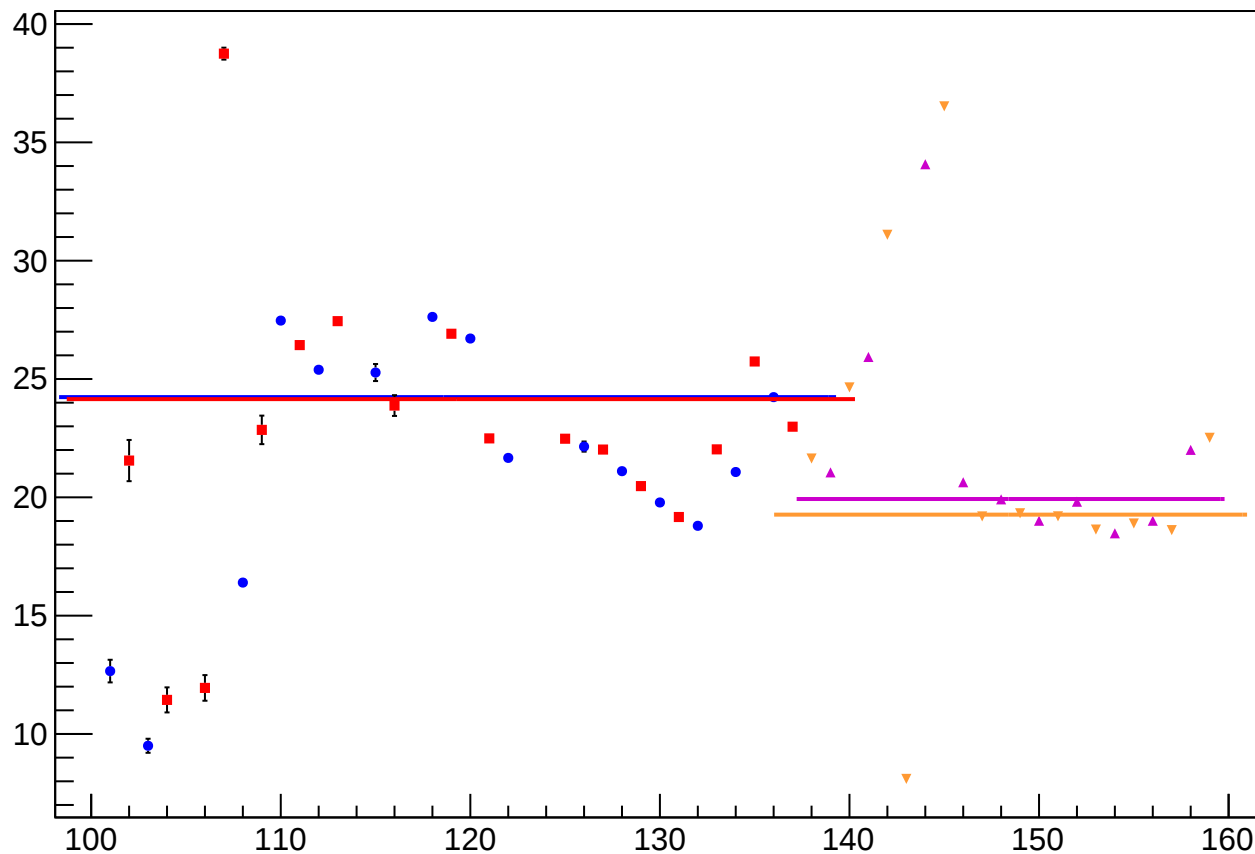
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.135 ± 0.008 χ^2/NDF : 98869.6/24

Out: 0.901 ± 0.009 χ^2/NDF : 62000.0/28

All: 0.449 ± 0.006 χ^2/NDF : 164722.1/53

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 ± 0.022 $\chi^2/\text{NDF}: 21896.9/14$

Left Out: 19.269 ± 0.010 $\chi^2/\text{NDF}: 48070.0/11$

Right Out: 24.150 ± 0.024 $\chi^2/\text{NDF}: 13222.6/16$

Left In: 19.929 ± 0.009 $\chi^2/\text{NDF}: 51604.8/9$

Left: 19.630 ± 0.007 $\chi^2/\text{NDF}: 101947.9/21$

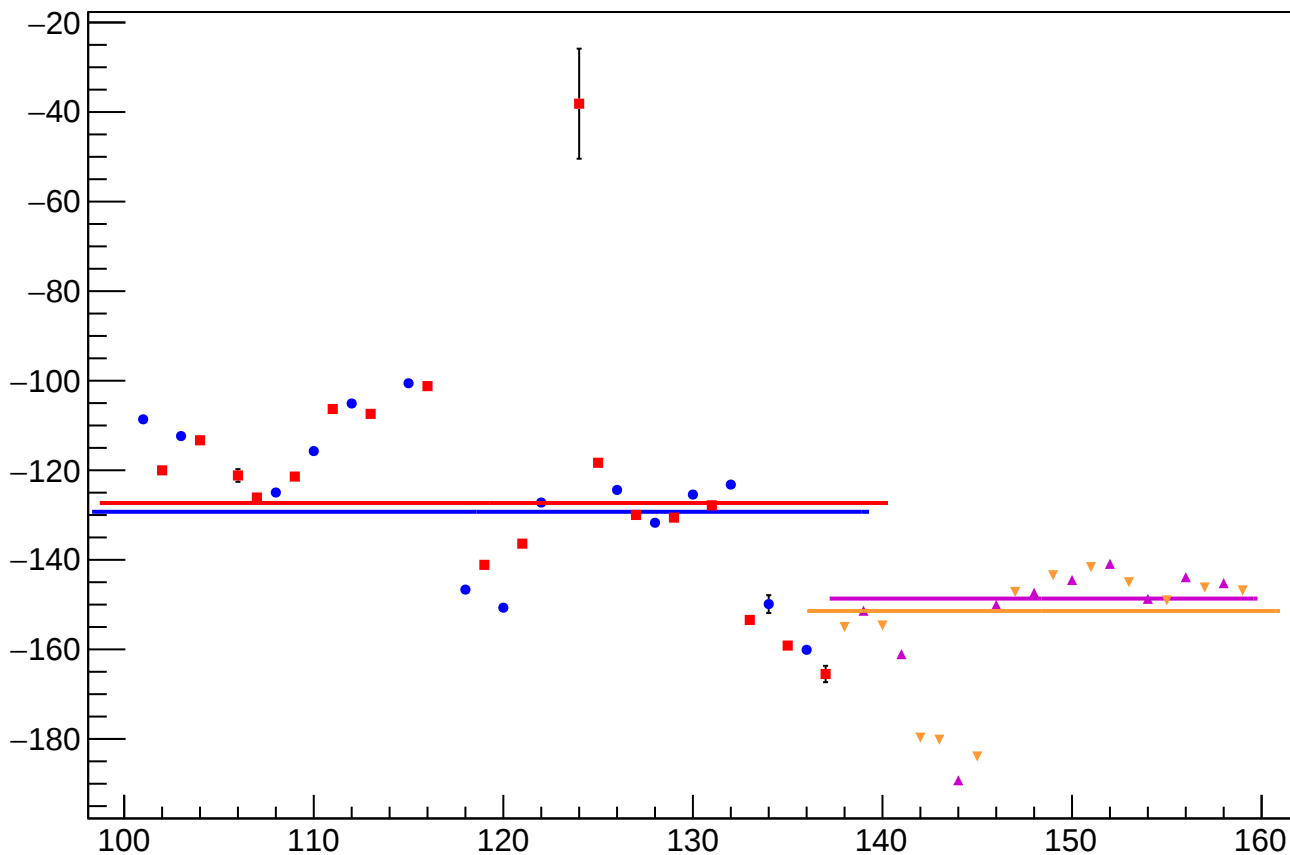
Right: 24.197 ± 0.016 $\chi^2/\text{NDF}: 35126.2/31$

In: 20.582 ± 0.009 $\chi^2/\text{NDF}: 105931.3/24$

Out: 20.002 ± 0.009 $\chi^2/\text{NDF}: 95382.3/28$

All: 20.320 ± 0.006 $\chi^2/\text{NDF}: 203383.7/53$

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.422 ± 0.073 χ^2/NDF : 25393.4/11

Right Out: -127.303 ± 0.084 χ^2/NDF : 29597.3/17

Left In: -148.655 ± 0.065 χ^2/NDF : 20819.8/9

Left: -149.869 ± 0.049 χ^2/NDF : 47014.0/21

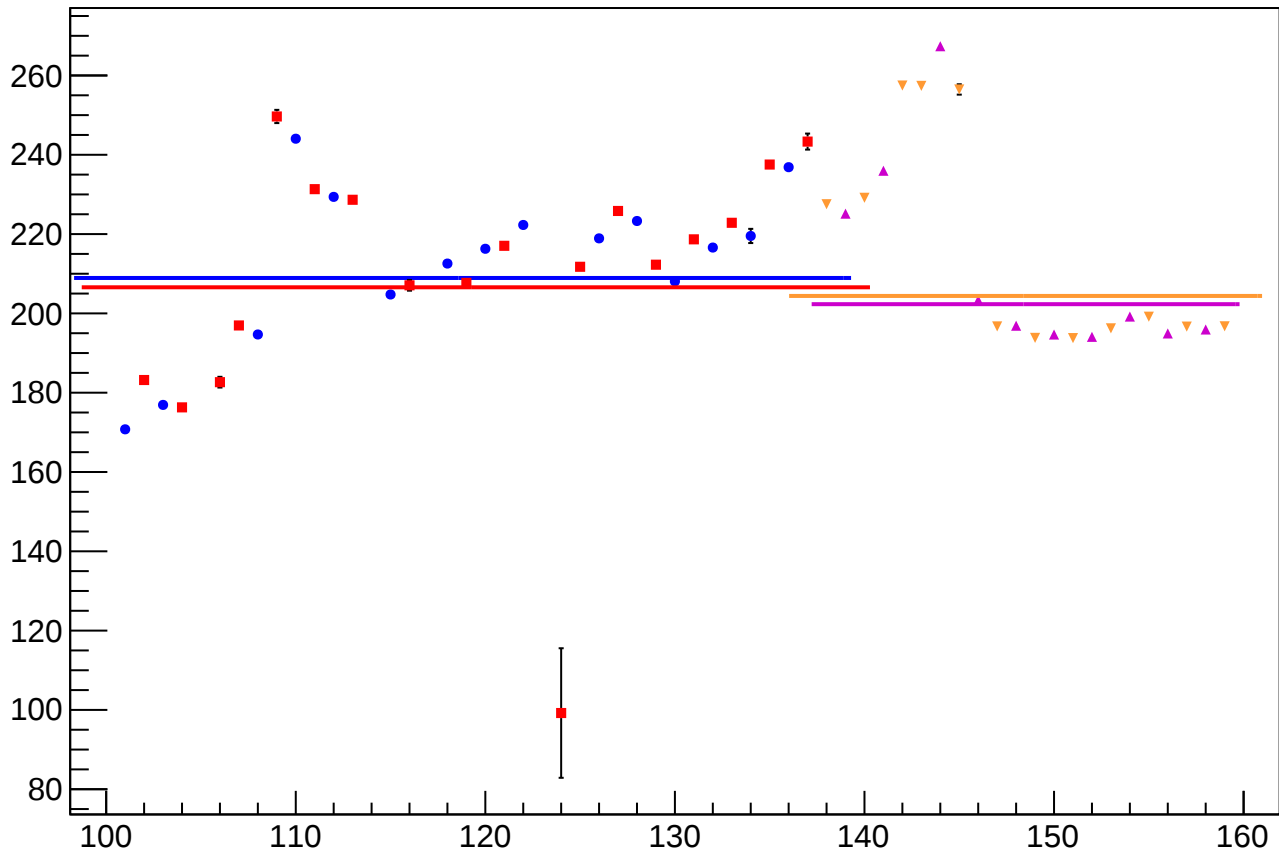
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.825 ± 0.052 χ^2/NDF : 87509.3/24

Out: -141.049 ± 0.055 χ^2/NDF : 101623.5/29

All: -141.460 ± 0.038 χ^2/NDF : 189237.1/54

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2/NDF : 44684.8/14

Left Out: 204.401 $\pm$ 0.060 χ^2/NDF : 99152.0/11

Right Out: 206.581 $\pm$ 0.083 χ^2/NDF : 48210.8/17

Left In: 202.324 $\pm$ 0.056 χ^2/NDF : 74378.8/9

Left: 203.295 $\pm$ 0.041 χ^2/NDF : 174169.5/21

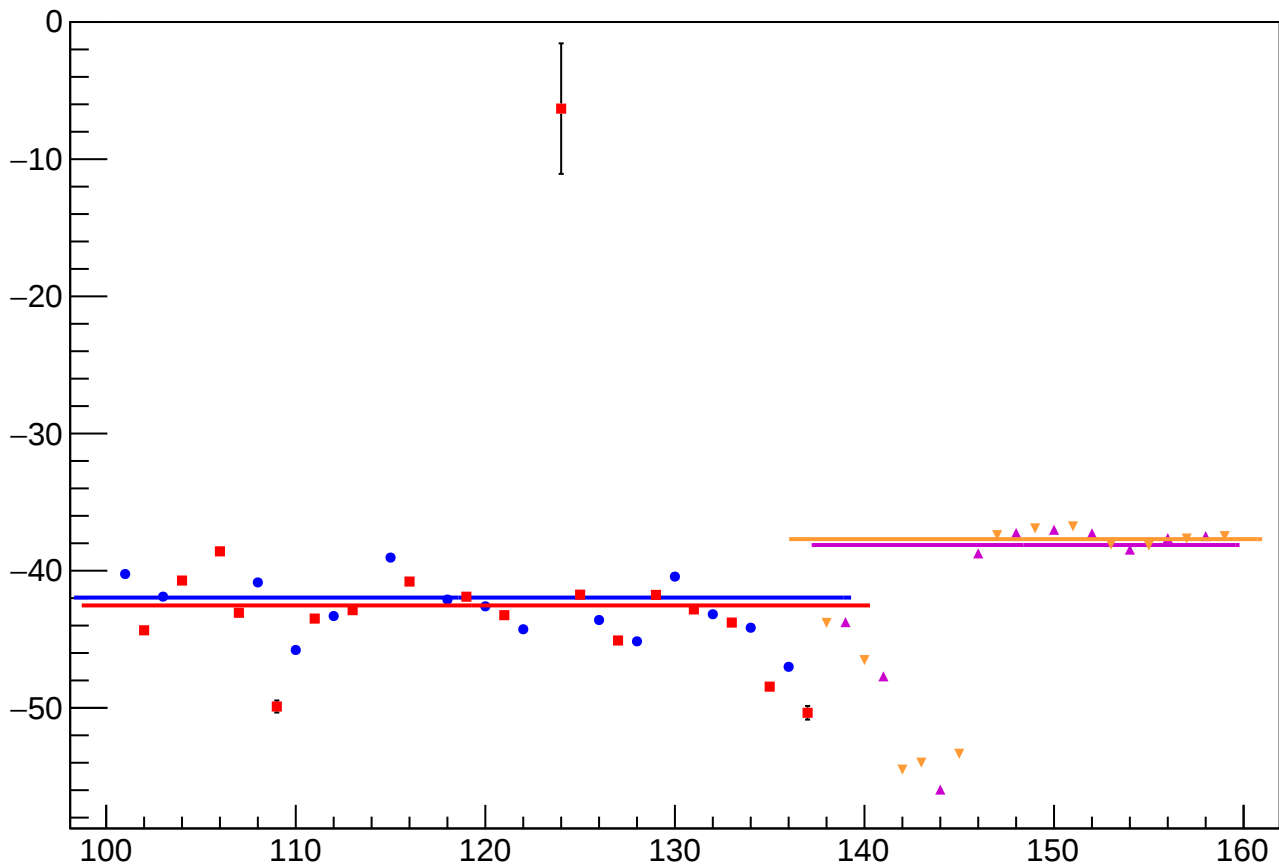
Right: 207.675 $\pm$ 0.061 χ^2/NDF : 93267.6/32

In: 204.203 $\pm$ 0.048 χ^2/NDF : 122993.3/24

Out: 205.147 $\pm$ 0.049 χ^2/NDF : 147814.3/29

All: 204.664 $\pm$ 0.034 χ^2/NDF : 271000.0/54

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 ± 0.016 $\chi^2/\text{NDF}: 24229.7/14$

Left Out: -37.698 ± 0.005 $\chi^2/\text{NDF}: 214731.8/11$

Right Out: -42.532 ± 0.021 $\chi^2/\text{NDF}: 6137.0/17$

Left In: -38.128 ± 0.006 $\chi^2/\text{NDF}: 128817.2/9$

Left: -37.892 ± 0.004 $\chi^2/\text{NDF}: 346671.9/21$

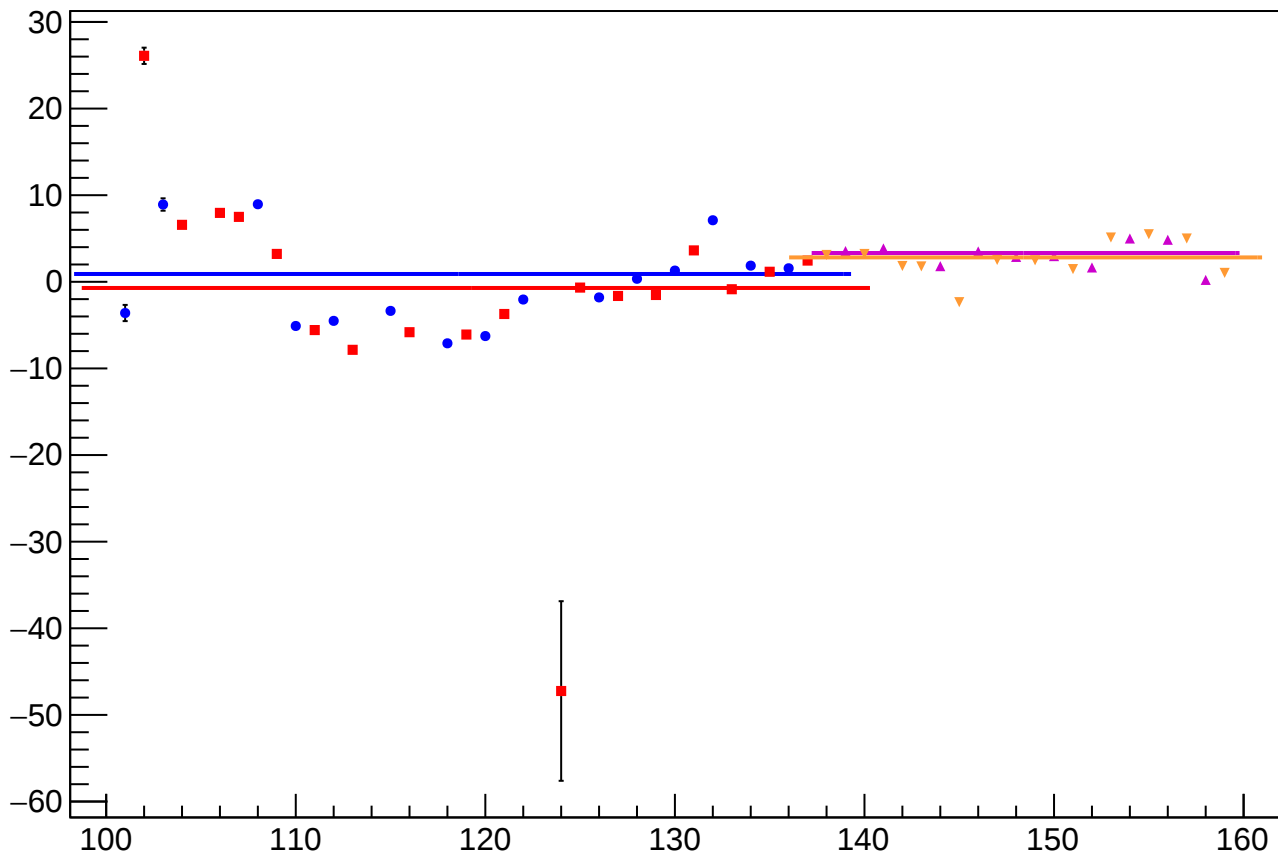
Right: -42.168 ± 0.012 $\chi^2/\text{NDF}: 30855.6/32$

In: -38.577 ± 0.005 $\chi^2/\text{NDF}: 206252.4/24$

Out: -37.983 ± 0.005 $\chi^2/\text{NDF}: 272411.7/29$

All: -38.261 ± 0.004 $\chi^2/\text{NDF}: 485246.2/54$

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 χ^2/NDF : 21140.4/14

Left Out: 2.816 ± 0.009 χ^2/NDF : 35451.6/11

Right Out: -0.711 ± 0.024 χ^2/NDF : 30723.8/17

Left In: 3.327 ± 0.009 χ^2/NDF : 30940.2/9

Left: 3.076 ± 0.007 χ^2/NDF : 67898.5/21

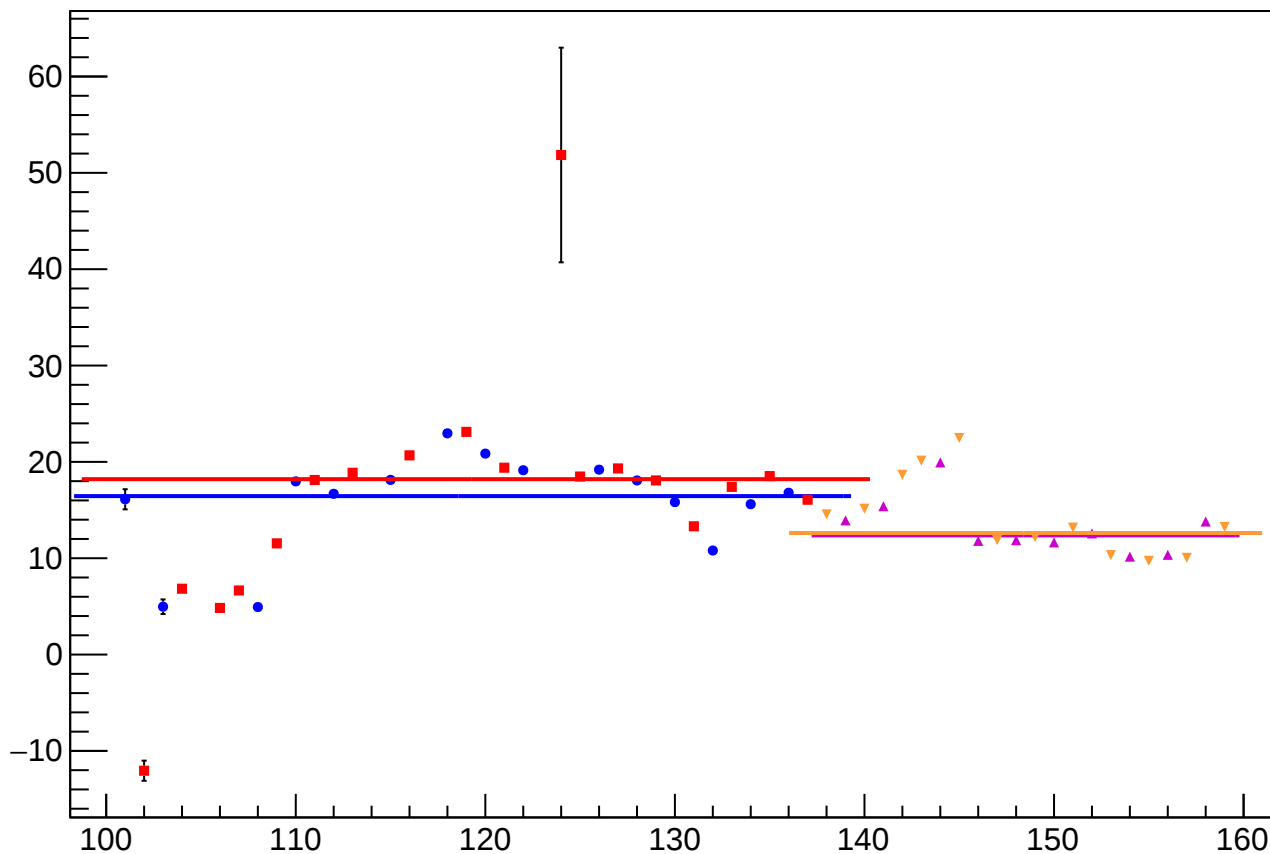
Right: 0.250 ± 0.015 χ^2/NDF : 54492.0/32

In: 2.904 ± 0.008 χ^2/NDF : 64147.7/24

Out: 2.359 ± 0.009 χ^2/NDF : 84514.2/29

All: 2.643 ± 0.006 χ^2/NDF : 150685.0/54

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 ± 0.024 $\chi^2/\text{NDF}: 14183.1/14$

Left Out: 12.619 ± 0.011 $\chi^2/\text{NDF}: 57954.8/11$

Right Out: 18.207 ± 0.020 $\chi^2/\text{NDF}: 27493.7/17$

Left In: 12.366 ± 0.011 $\chi^2/\text{NDF}: 24636.5/9$

Left: 12.497 ± 0.008 $\chi^2/\text{NDF}: 82850.7/21$

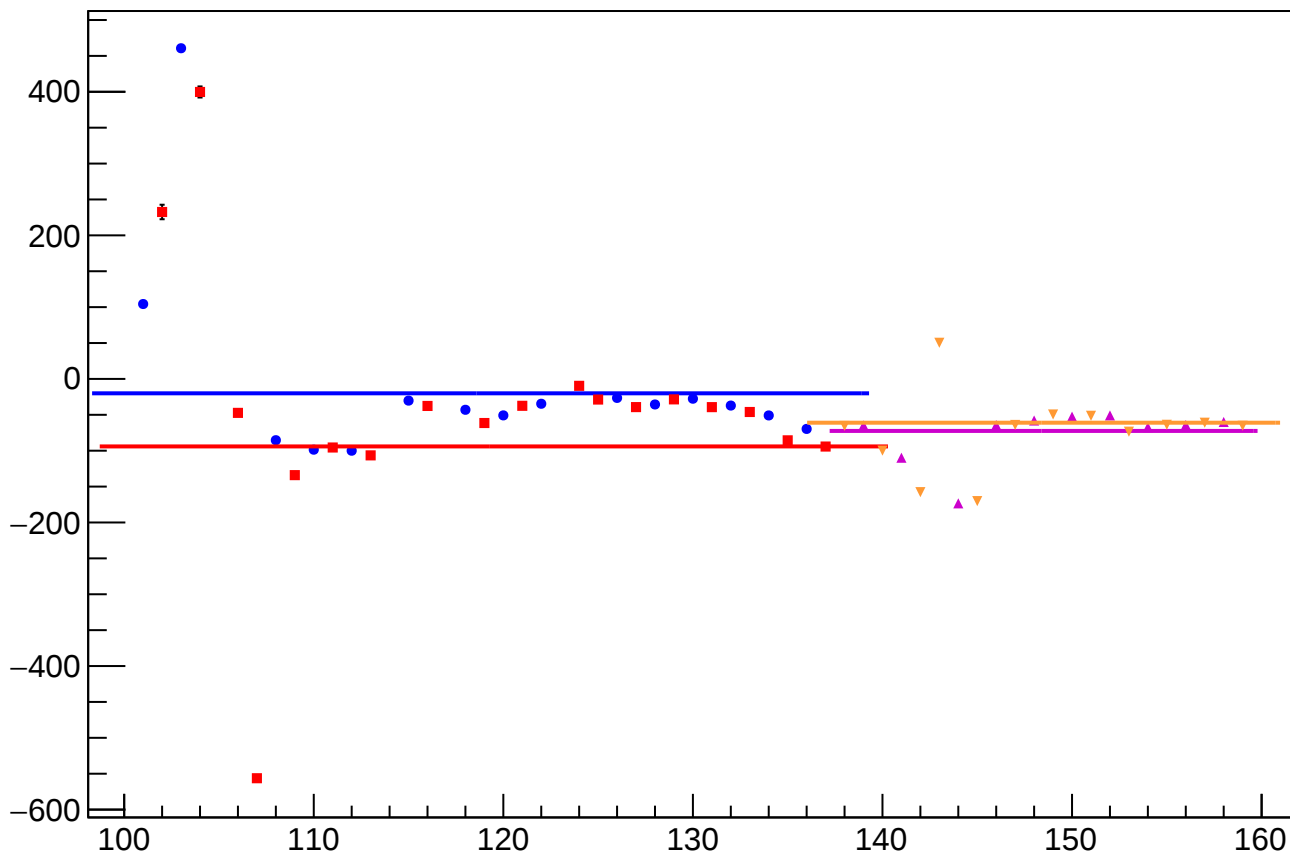
Right: 17.482 ± 0.016 $\chi^2/\text{NDF}: 44731.9/32$

In: 13.090 ± 0.010 $\chi^2/\text{NDF}: 61824.7/24$

Out: 13.853 ± 0.010 $\chi^2/\text{NDF}: 143731.3/29$

All: 13.497 ± 0.007 $\chi^2/\text{NDF}: 208501.4/54$

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.996+/-0.133 χ^2/NDF : 45117.9/11

Right Out: -94.050+/-0.012 χ^2/NDF : 87487.7/17

Left In: -72.463+/-0.163 χ^2/NDF : 34958.9/9

Left: -65.560+/-0.103 χ^2/NDF : 83038.6/21

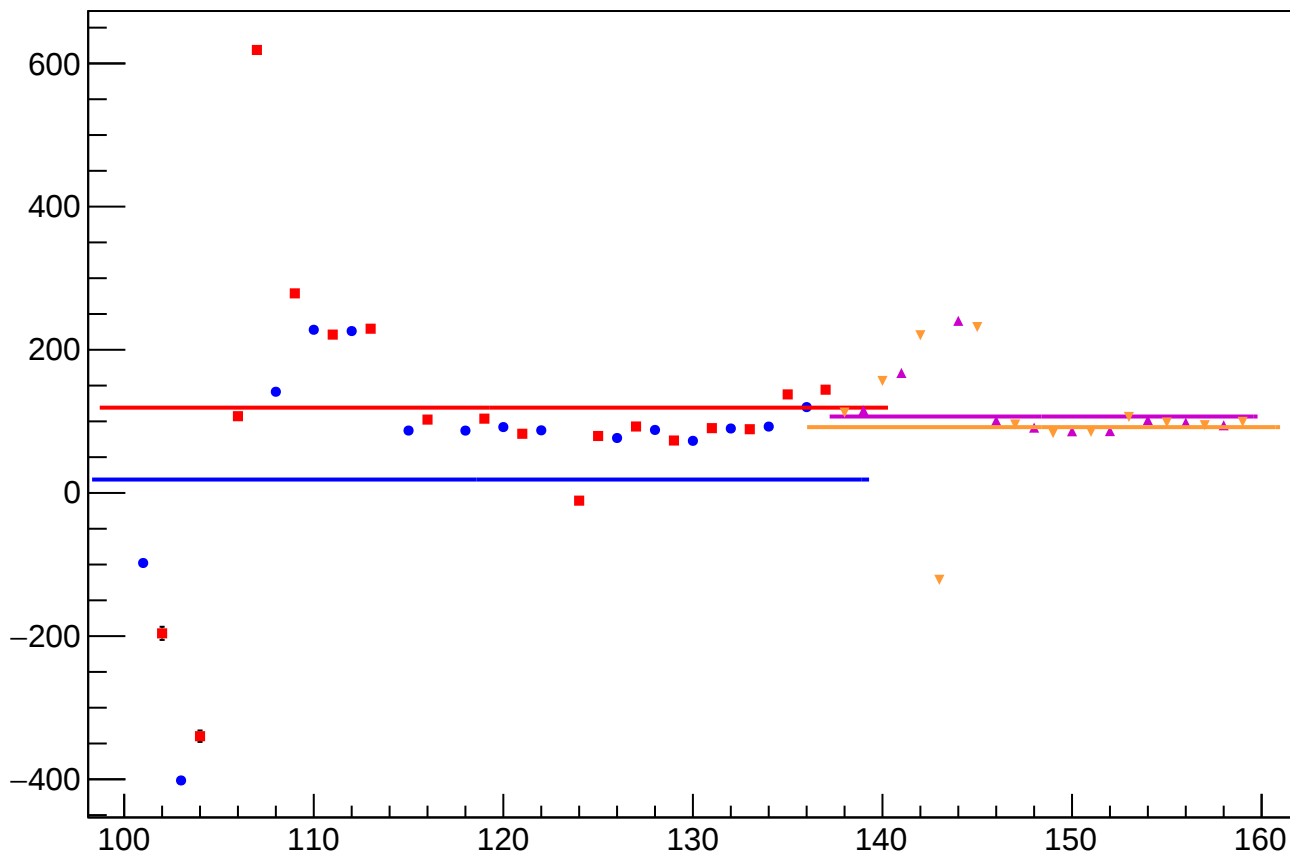
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -44.551+/-0.112 χ^2/NDF : 531144.9/24

Out: -93.764+/-0.012 χ^2/NDF : 193892.5/29

All: -93.167+/-0.012 χ^2/NDF : 916555.7/54

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731+/-0.152 χ^2/NDF : 1101803.8/14

Left Out: 91.934+/-0.112 χ^2/NDF : 167295.6/11

Right Out: 119.167+/-0.199 χ^2/NDF : 87450.0/17

Left In: 106.768+/-0.141 χ^2/NDF : 55776.0/9

Left: 97.681+/-0.088 χ^2/NDF : 229817.8/21

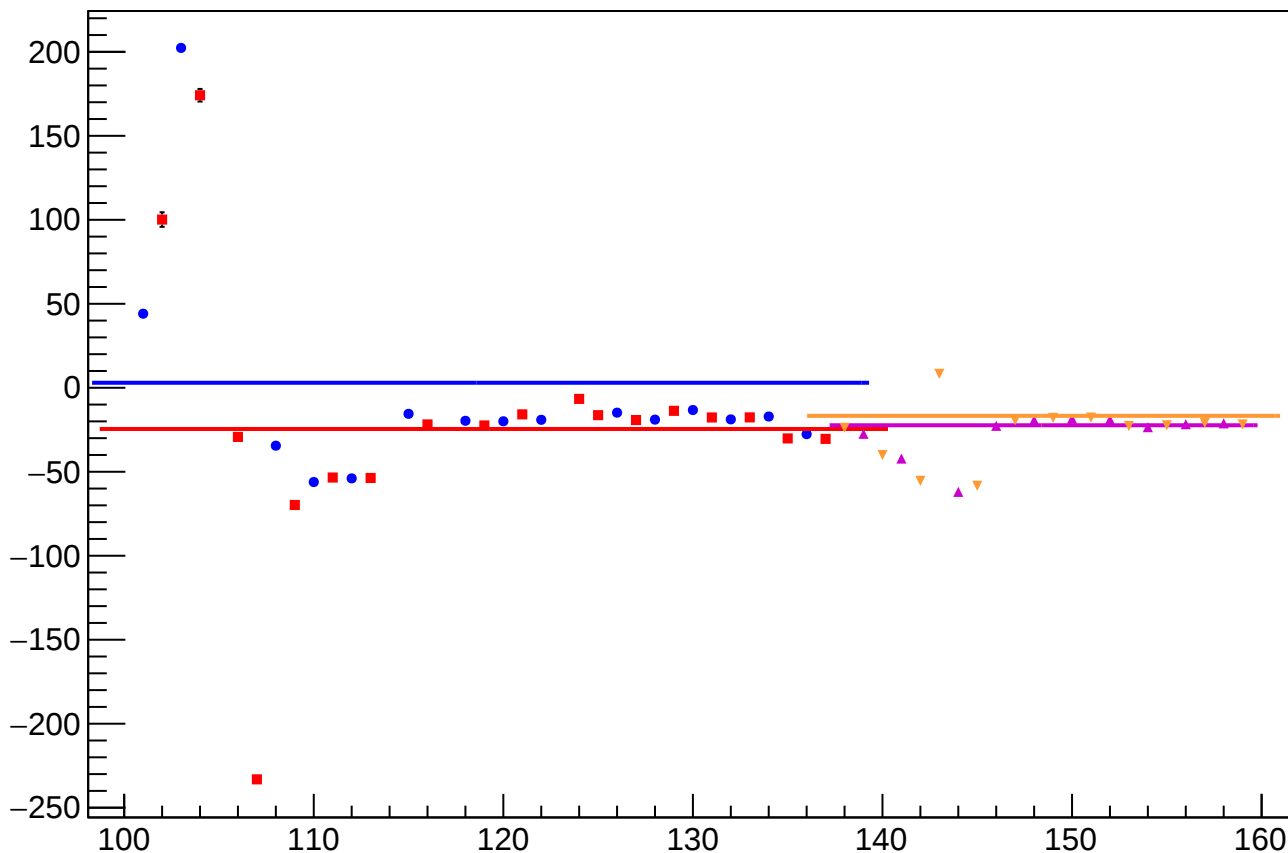
Right: 55.701+/-0.121 χ^2/NDF : 1349806.5/32

In: 65.959+/-0.104 χ^2/NDF : 1337361.2/24

Out: 98.509+/-0.098 χ^2/NDF : 268916.1/29

All: 83.144+/-0.071 χ^2/NDF : 1658453.2/54

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.709 ± 0.016 $\chi^2/\text{NDF}: 568132.5/11$

Right Out: -24.533 ± 0.044 $\chi^2/\text{NDF}: 176488.8/17$

Left In: -22.317 ± 0.020 $\chi^2/\text{NDF}: 117326.9/9$

Left: -18.816 ± 0.012 $\chi^2/\text{NDF}: 734562.5/21$

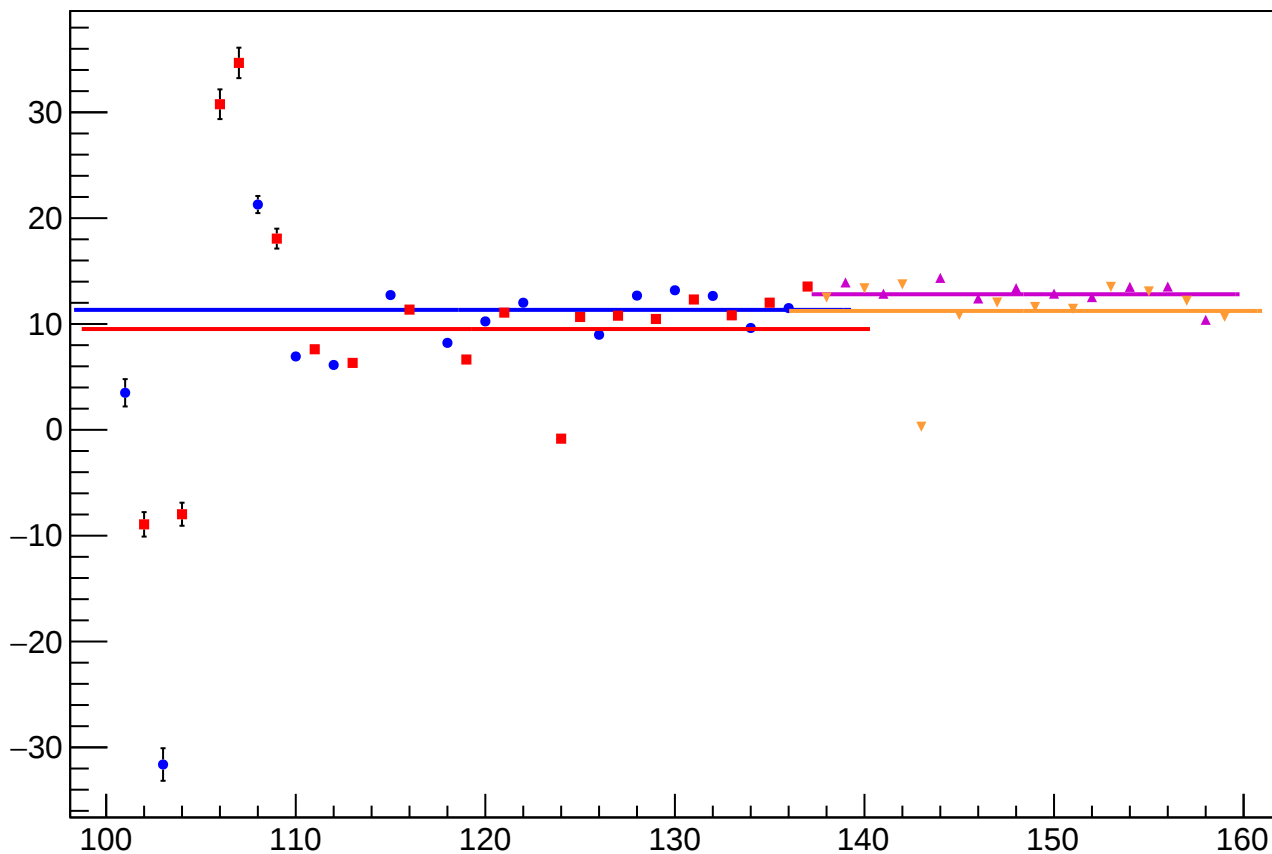
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -13.303 ± 0.016 $\chi^2/\text{NDF}: 4184532.3/24$

Out: -17.587 ± 0.015 $\chi^2/\text{NDF}: 773173.6/29$

All: -15.644 ± 0.011 $\chi^2/\text{NDF}: 4996670.2/54$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.234 $\pm$ 0.021 χ^2 /NDF:27906.7/11

Right Out: 9.524 $\pm$ 0.048 χ^2 /NDF: 4066.9/17

Left In: 12.809 $\pm$ 0.018 χ^2 /NDF:3091.7/9

Left: 12.116 $\pm$ 0.014 χ^2 /NDF: 34201.5/21

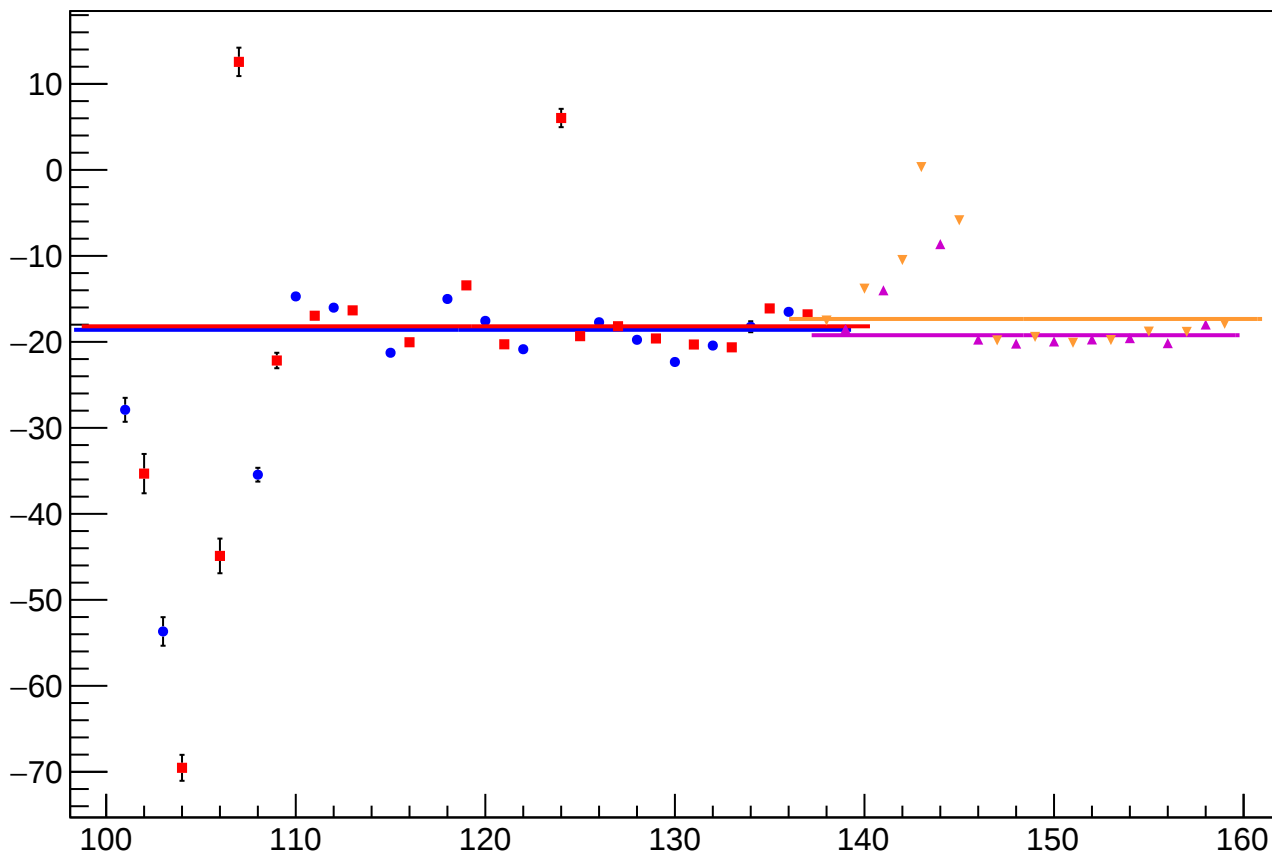
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.520 $\pm$ 0.017 χ^2 /NDF:6750.1/24

Out: 10.963 $\pm$ 0.019 χ^2 /NDF:33040.9/29

All: 11.853 $\pm$ 0.013 χ^2 /NDF: 43583.5/54

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.335 ± 0.023 $\chi^2/\text{NDF}: 43953.7/11$

Right Out: -18.189 ± 0.049 $\chi^2/\text{NDF}: 4881.1/17$

Left In: -19.225 ± 0.021 $\chi^2/\text{NDF}: 6760.0/9$

Left: -18.349 ± 0.015 $\chi^2/\text{NDF}: 54456.0/21$

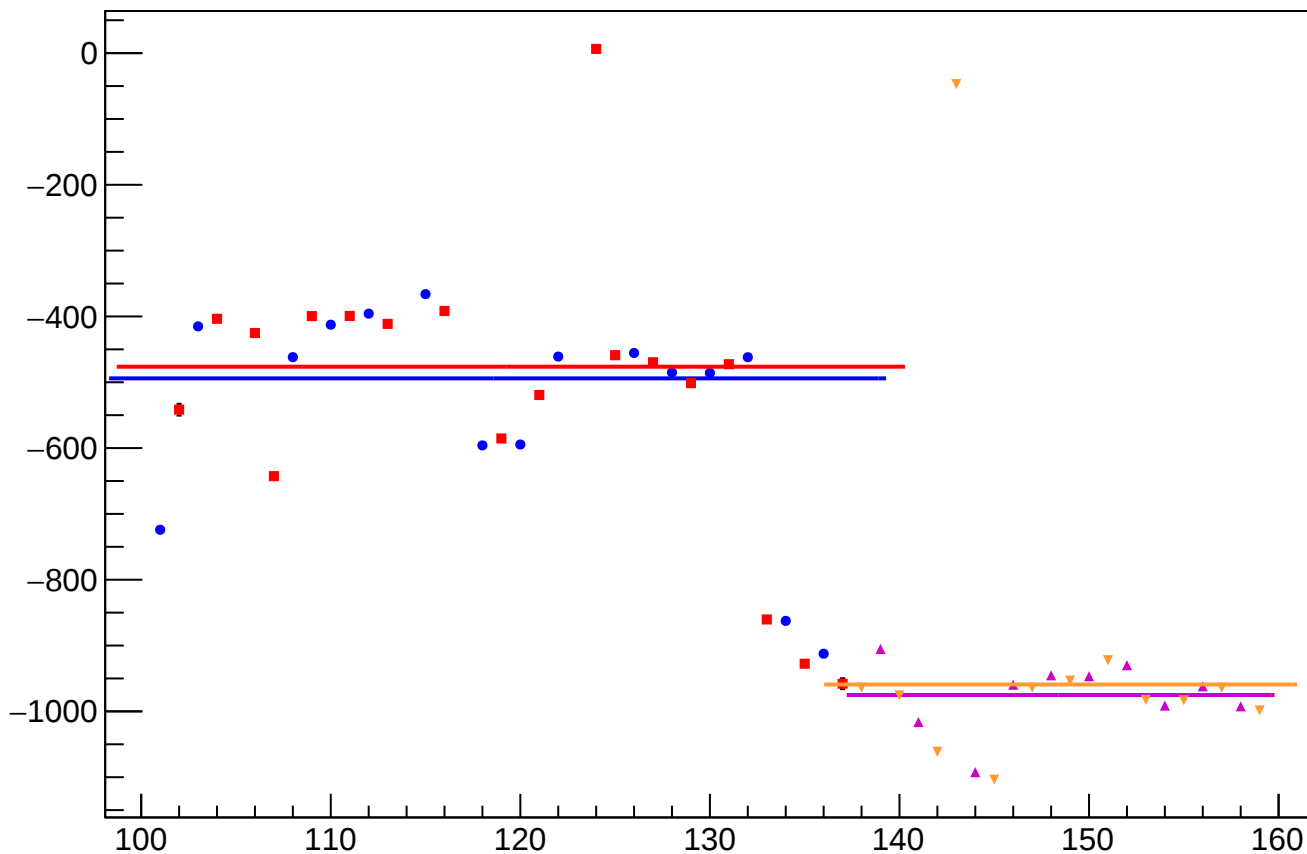
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.073 ± 0.018 $\chi^2/\text{NDF}: 13165.7/24$

Out: -17.483 ± 0.021 $\chi^2/\text{NDF}: 49081.7/29$

All: -18.371 ± 0.014 $\chi^2/\text{NDF}: 65578.5/54$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -959.180 ± 0.228 $\chi^2/\text{NDF}: 312167.8/11$

Right Out: -476.348 ± 0.185 $\chi^2/\text{NDF}: 594116.3/17$

Left In: -975.171 ± 0.221 $\chi^2/\text{NDF}: 22164.6/9$

Left: -967.435 ± 0.159 $\chi^2/\text{NDF}: 336866.7/21$

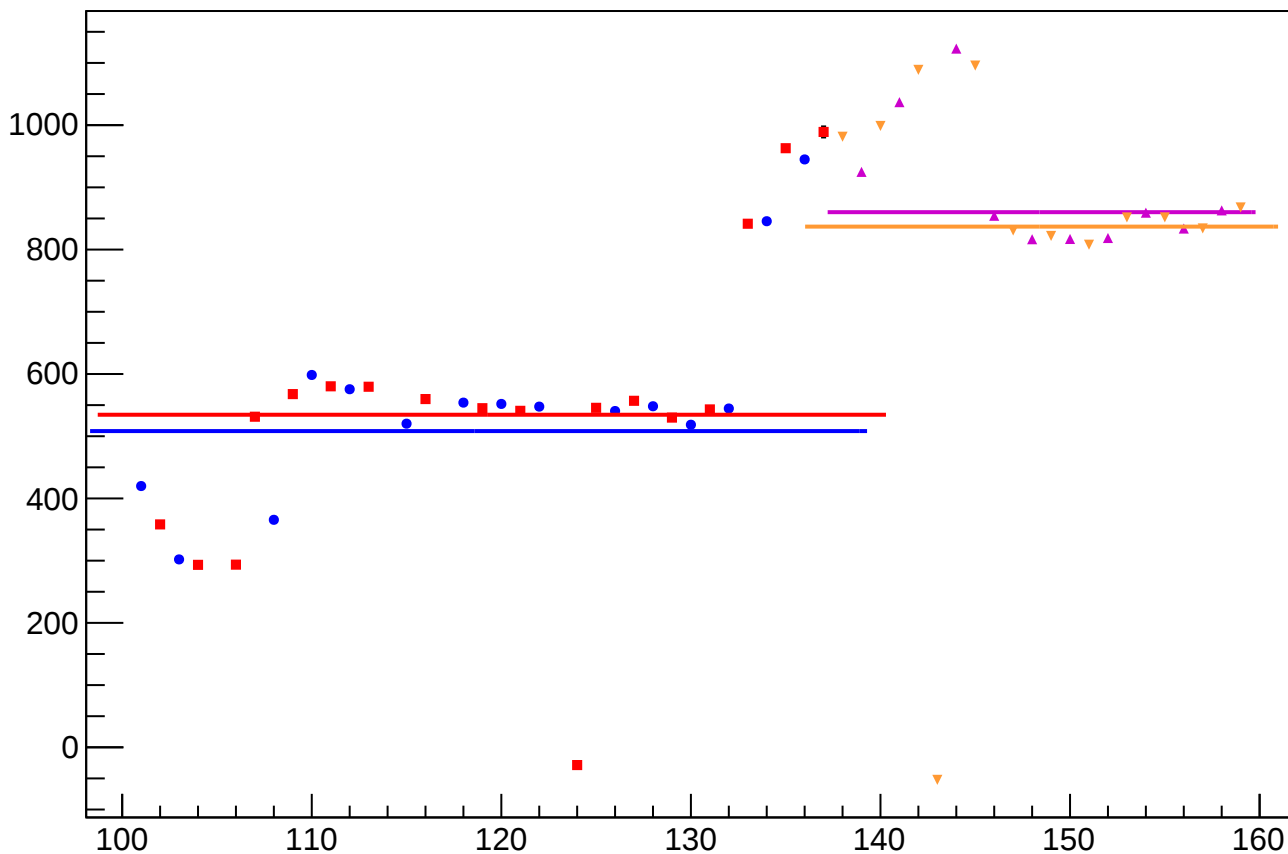
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -746.480 ± 0.160 $\chi^2/\text{NDF}: 2602247.7/24$

Out: -667.964 ± 0.144 $\chi^2/\text{NDF}: 3605779.8/29$

All: -703.034 ± 0.107 $\chi^2/\text{NDF}: 6341238.2/54$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 836.915 $\pm$ 0.185 χ^2 /NDF:413344.2/11

Right Out: 534.536 $\pm$ 0.217 χ^2 /NDF: 368263.1/17

Left In: 860.116 $\pm$ 0.191 χ^2 /NDF:86256.7/9

Left: 848.103 $\pm$ 0.133 χ^2 /NDF: 507220.7/21

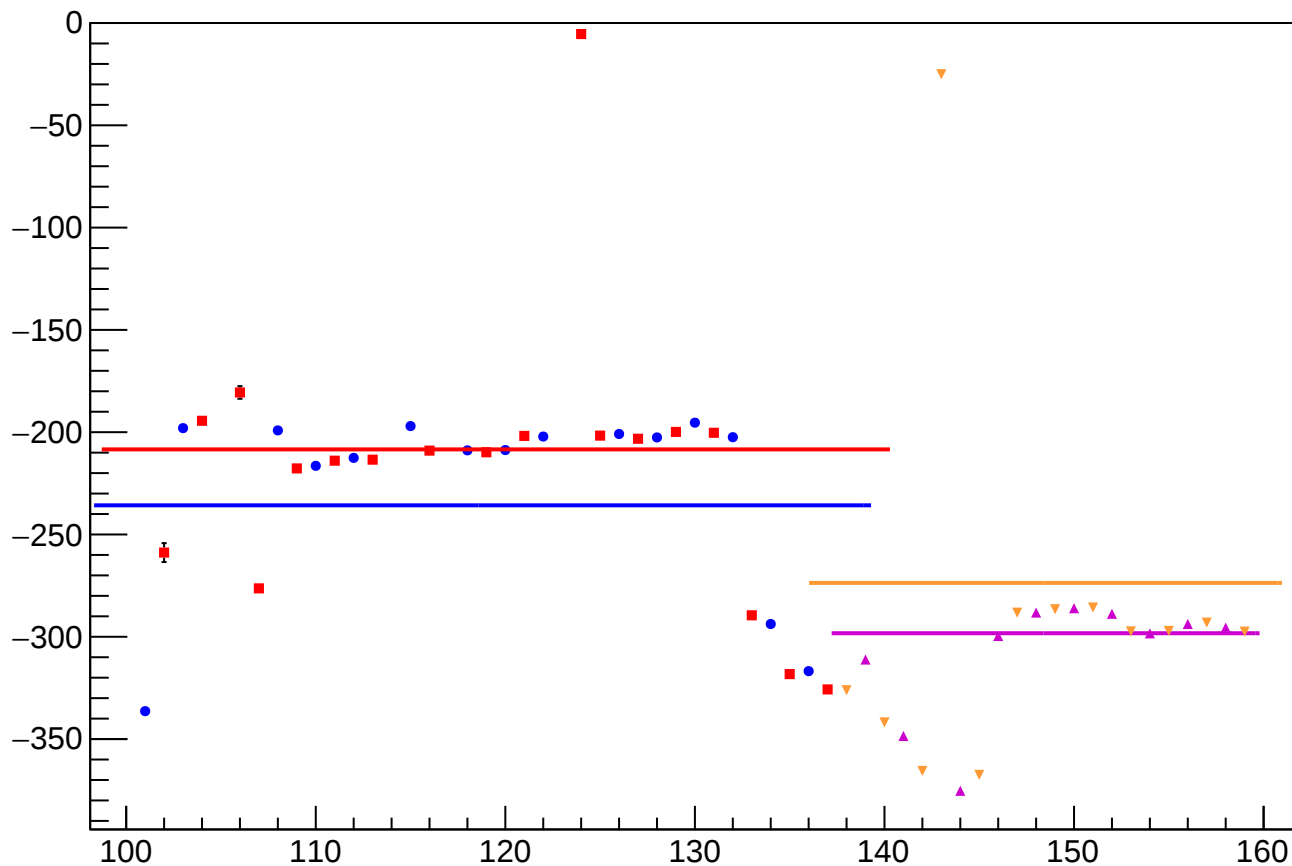
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 709.970 $\pm$ 0.145 χ^2 /NDF:1970042.3/24

Out: 710.100 $\pm$ 0.141 χ^2 /NDF:1907174.0/29

All: 710.037 $\pm$ 0.101 χ^2 /NDF: 3877216.6/54

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 $\chi^2/\text{NDF}: 876219.5/14$

Left Out: -273.665 ± 0.029 $\chi^2/\text{NDF}: 6307524.3/11$

Right Out: -208.413 ± 0.047 $\chi^2/\text{NDF}: 375009.3/17$

Left In: -298.265 ± 0.031 $\chi^2/\text{NDF}: 226971.3/9$

Left: -284.936 ± 0.021 $\chi^2/\text{NDF}: 6870118.1/21$

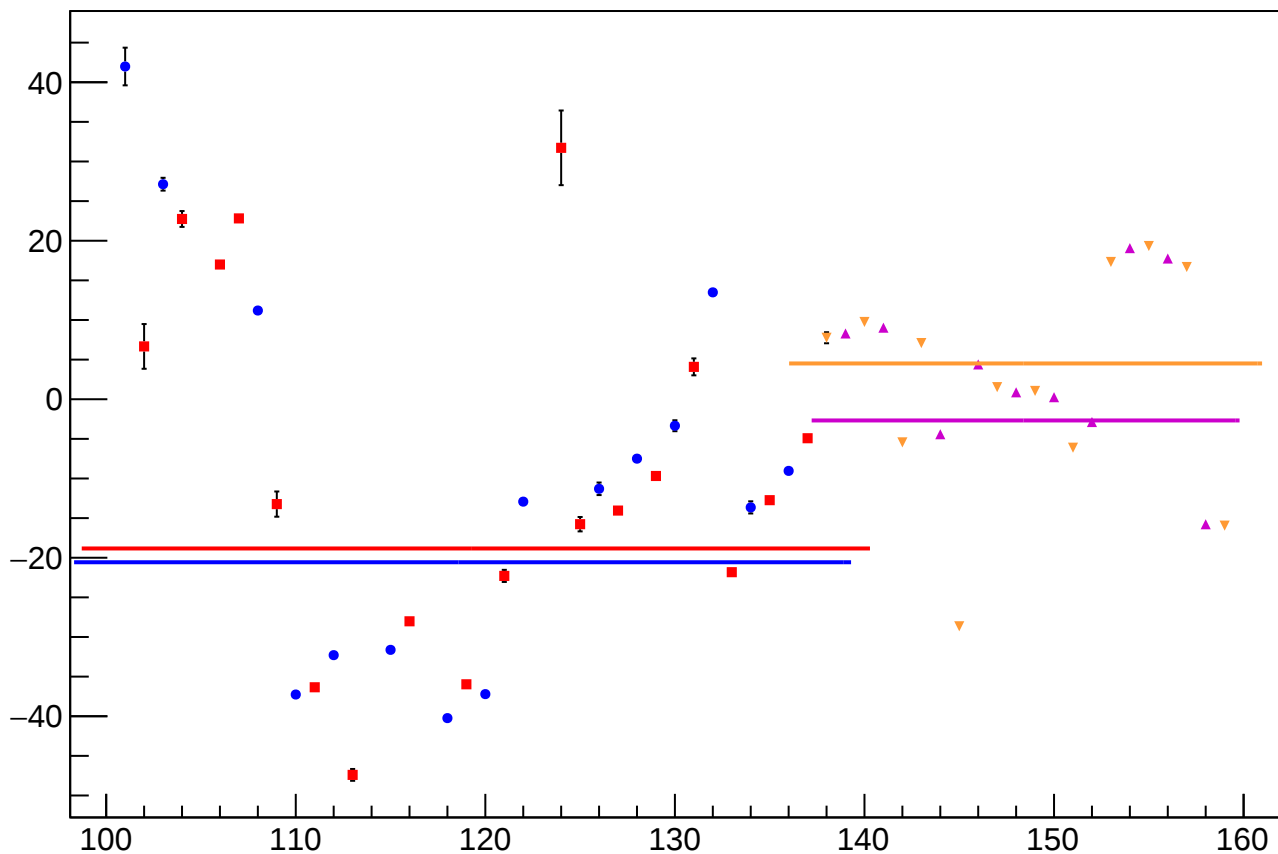
Right: -219.823 ± 0.036 $\chi^2/\text{NDF}: 1393978.3/32$

In: -283.096 ± 0.027 $\chi^2/\text{NDF}: 2073811.8/24$

Out: -255.762 ± 0.024 $\chi^2/\text{NDF}: 8096492.8/29$

All: -267.996 ± 0.018 $\chi^2/\text{NDF}: 10728103.6/5$

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 4.515 ± 0.032 χ^2/NDF : 155751.7/11

Right Out: -18.831 ± 0.108 χ^2/NDF : 20855.1/17

Left In: -2.677 ± 0.025 χ^2/NDF : 241688.4/9

Left: 0.110 ± 0.020 χ^2/NDF : 428301.2/21

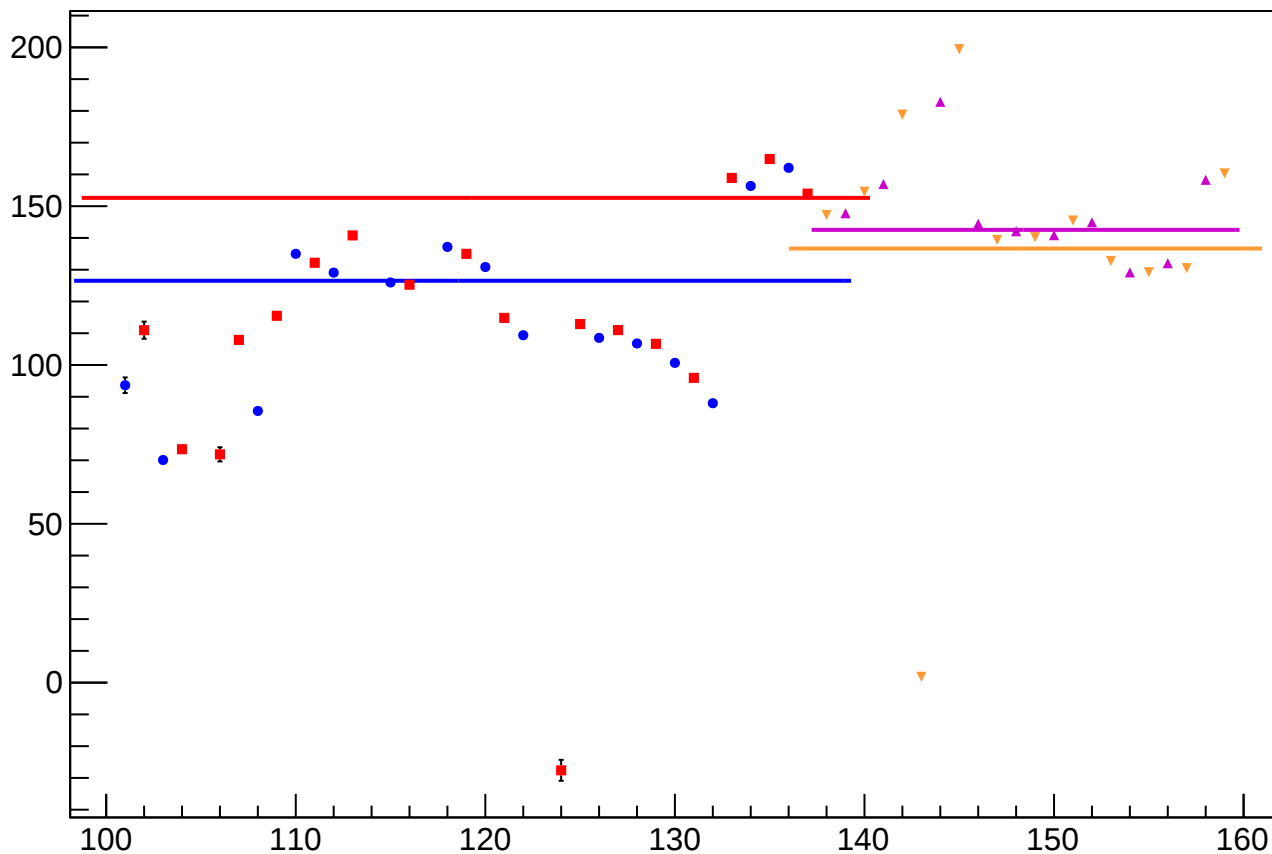
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -4.702 ± 0.024 χ^2/NDF : 360881.2/24

Out: 2.627 ± 0.031 χ^2/NDF : 219550.2/29

All: -1.924 ± 0.019 χ^2/NDF : 615779.0/54

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 $\pm$ 0.084 χ^2 /NDF: 114967.3/14

Left Out: 136.678 $\pm$ 0.042 χ^2 /NDF:440229.7/11

Right Out: 152.620 $\pm$ 0.030 χ^2 /NDF: 74022.9/17

Left In: 142.549 $\pm$ 0.035 χ^2 /NDF:96357.9/9

Left: 140.110 $\pm$ 0.027 χ^2 /NDF: 548173.5/21

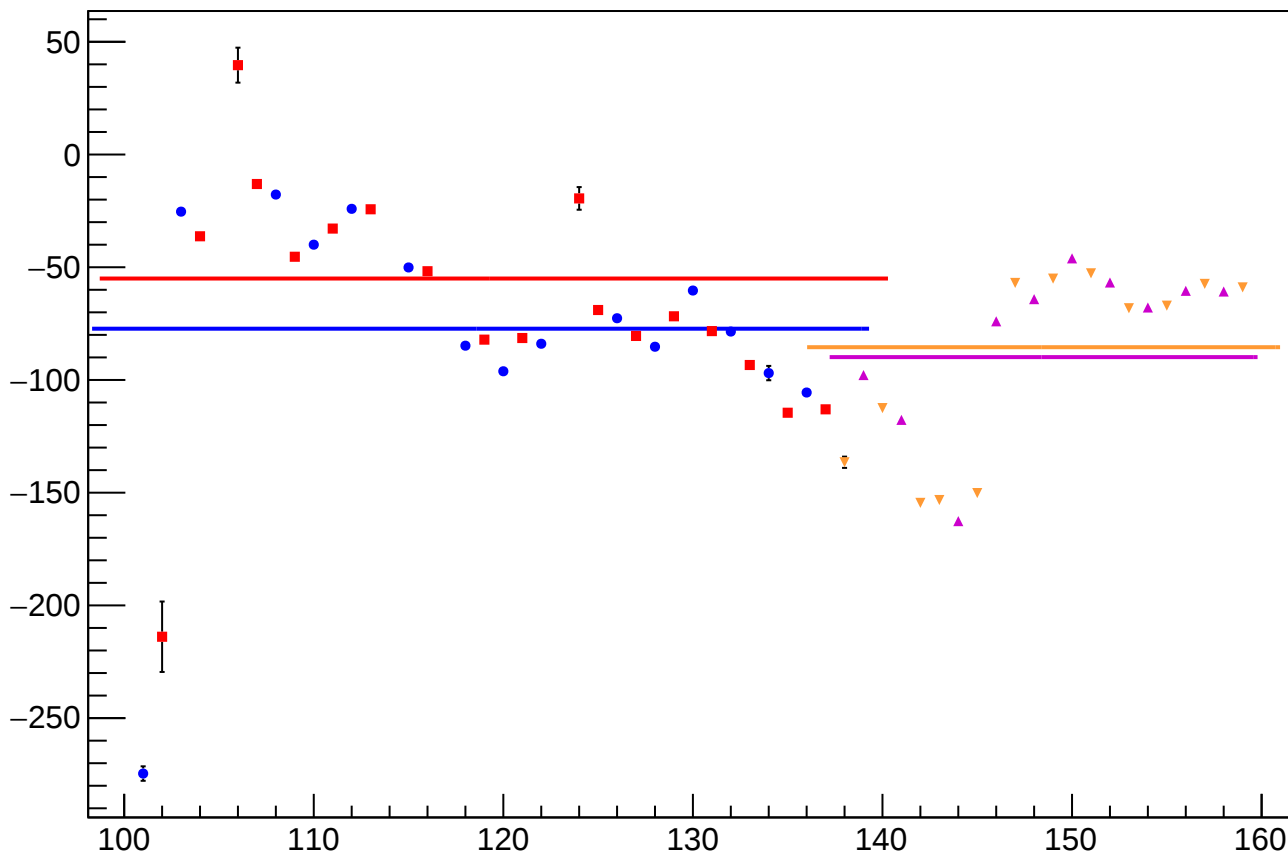
Right: 149.605 $\pm$ 0.029 χ^2 /NDF: 274404.9/32

In: 140.159 $\pm$ 0.032 χ^2 /NDF:242321.7/24

Out: 147.099 $\pm$ 0.025 χ^2 /NDF:609788.4/29

All: 144.573 $\pm$ 0.020 χ^2 /NDF: 881229.6/54

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 χ^2/NDF : 30356.0/14

Left Out: -85.467 ± 0.165 χ^2/NDF : 53319.9/11

Right Out: -55.005 ± 0.190 χ^2/NDF : 23629.0/17

Left In: -89.863 ± 0.168 χ^2/NDF : 49403.0/9

Left: -87.623 ± 0.118 χ^2/NDF : 103071.7/21

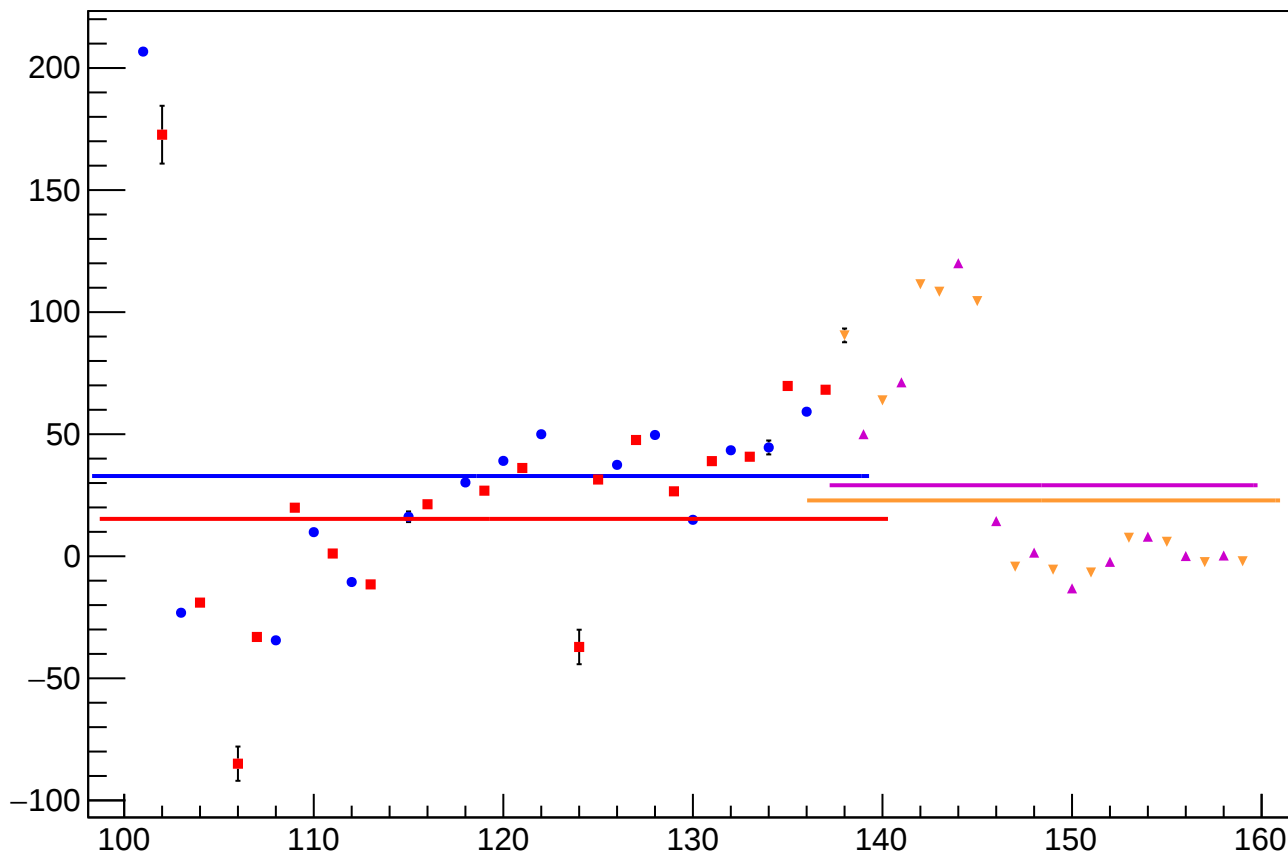
Right: -68.980 ± 0.116 χ^2/NDF : 62576.3/32

In: -82.702 ± 0.110 χ^2/NDF : 82956.3/24

Out: -72.403 ± 0.125 χ^2/NDF : 91589.3/29

All: -78.173 ± 0.083 χ^2/NDF : 178372.9/54

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 $\pm$ 0.146 χ^2 /NDF: 31393.7/14

Left Out: 22.872 $\pm$ 0.143 χ^2 /NDF: 85169.5/11

Right Out: 15.309 $\pm$ 0.210 χ^2 /NDF: 16746.0/17

Left In: 29.089 $\pm$ 0.149 χ^2 /NDF: 76914.9/9

Left: 25.864 $\pm$ 0.103 χ^2 /NDF: 162992.1/21

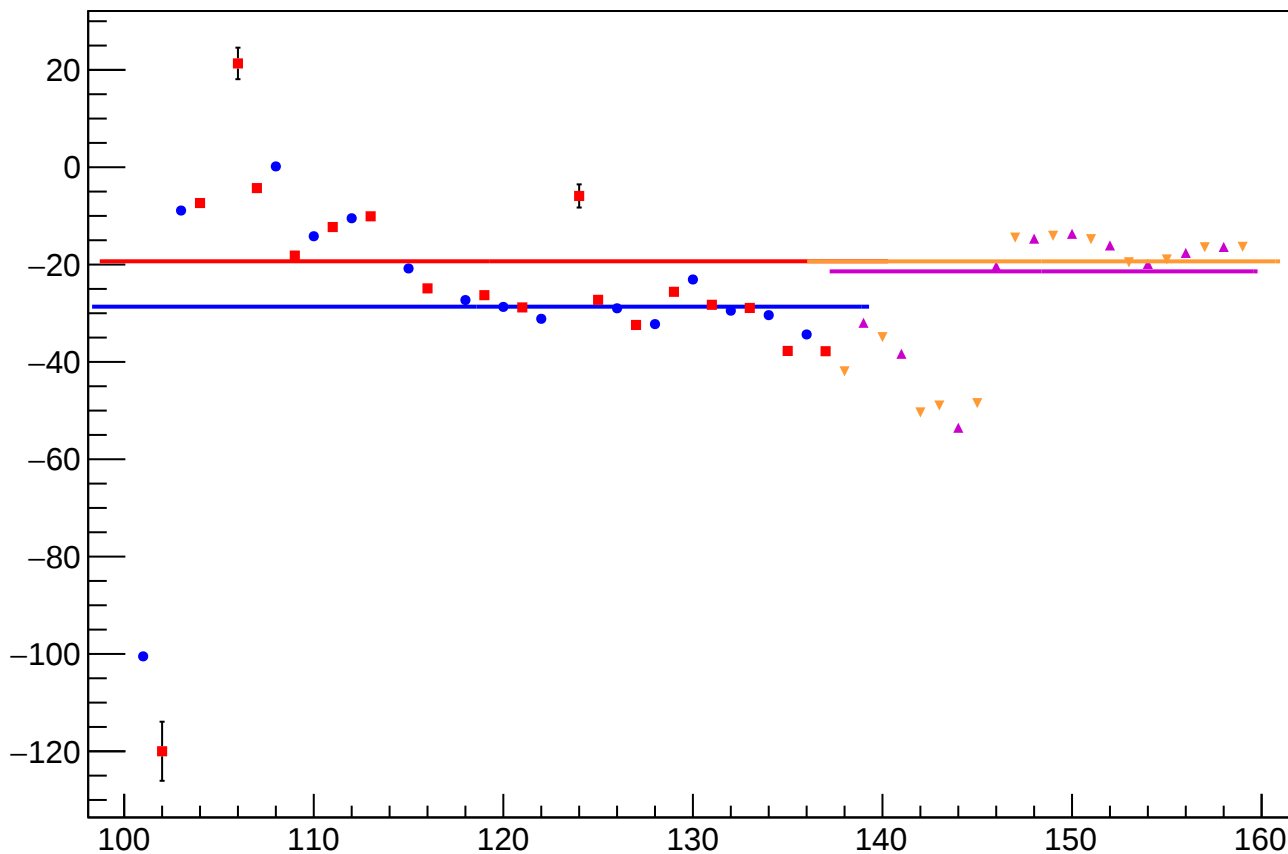
Right: 27.134 $\pm$ 0.120 χ^2 /NDF: 52862.9/32

In: 31.012 $\pm$ 0.104 χ^2 /NDF: 108637.7/24

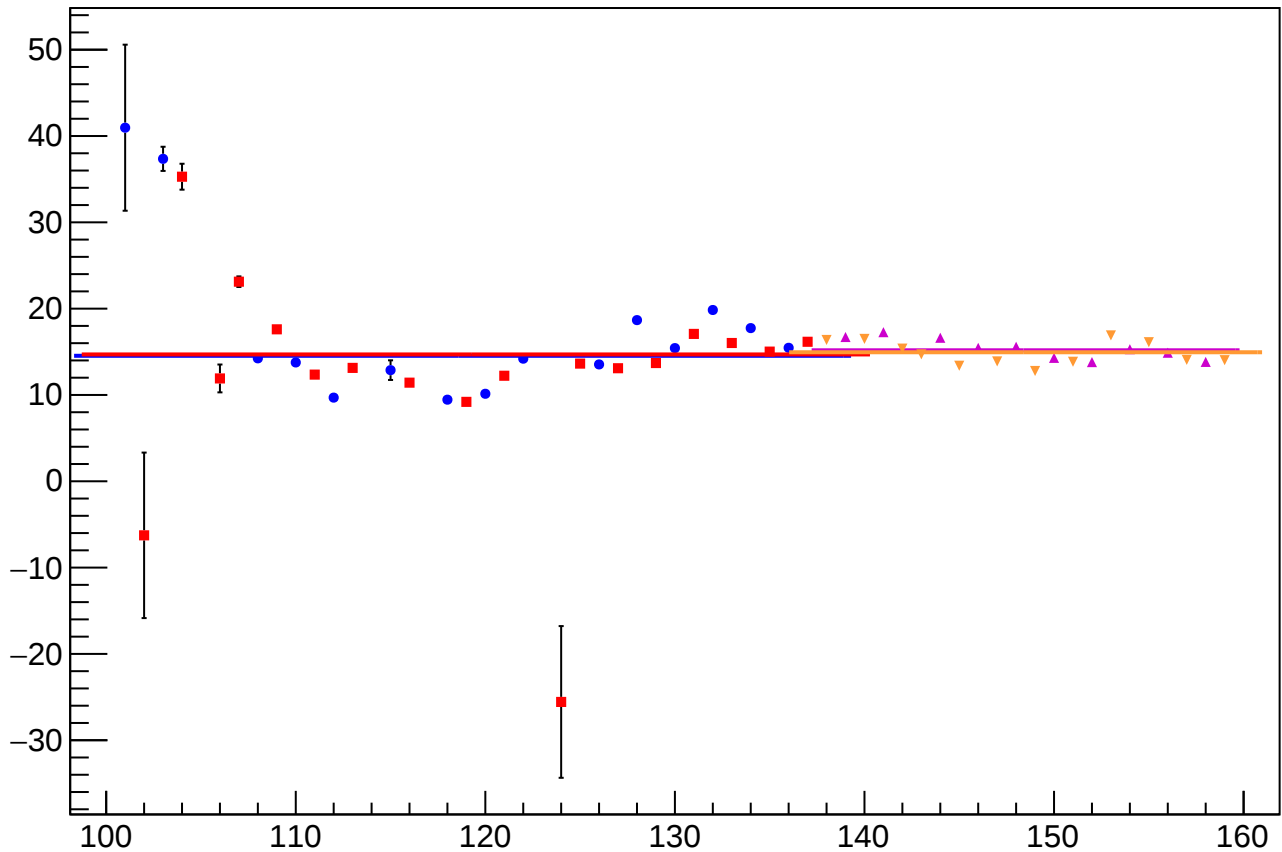
Out: 20.467 $\pm$ 0.118 χ^2 /NDF: 102802.9/29

All: 26.404 $\pm$ 0.078 χ^2 /NDF: 215919.5/54

dit_atr1_11X12X_slope vs Slug, Sign Corrected



dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539 $\pm$ 0.030 χ^2 /NDF: 12071.8/14

Left Out: 14.947 $\pm$ 0.020 χ^2 /NDF: 4794.9/11

Right Out: 14.695 $\pm$ 0.044 χ^2 /NDF: 1633.0/17

Left In: 15.175 $\pm$ 0.020 χ^2 /NDF: 3360.2/9

Left: 15.059 $\pm$ 0.014 χ^2 /NDF: 8221.2/21

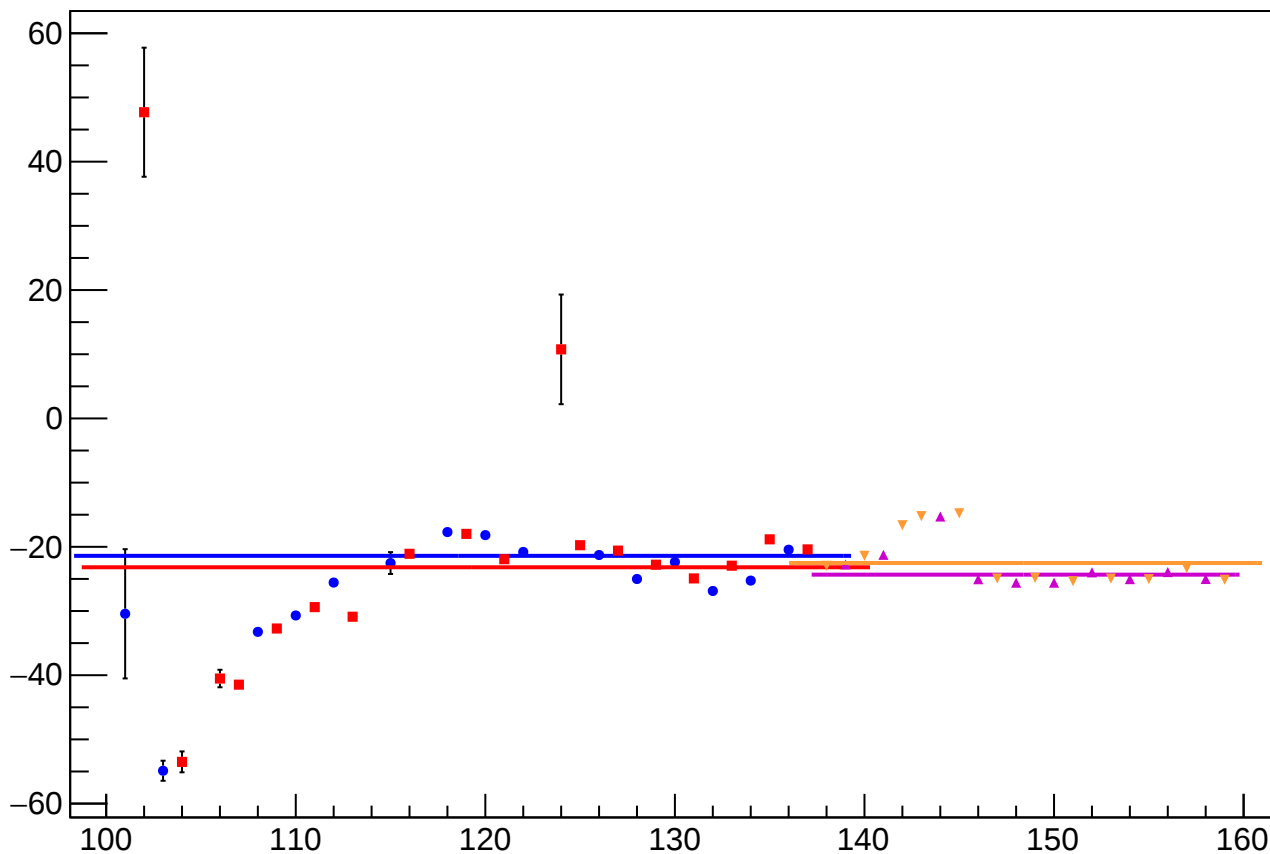
Right: 14.589 $\pm$ 0.025 χ^2 /NDF: 13713.5/32

In: 14.978 $\pm$ 0.017 χ^2 /NDF: 15746.4/24

Out: 14.905 $\pm$ 0.018 χ^2 /NDF: 6455.9/29

All: 14.944 $\pm$ 0.012 χ^2 /NDF: 22211.4/54

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.521 ± 0.023 $\chi^2/\text{NDF}: 26738.5/11$

Right Out: -23.186 ± 0.051 $\chi^2/\text{NDF}: 9126.8/17$

Left In: -24.337 ± 0.021 $\chi^2/\text{NDF}: 7504.7/9$

Left: -23.507 ± 0.016 $\chi^2/\text{NDF}: 37504.1/21$

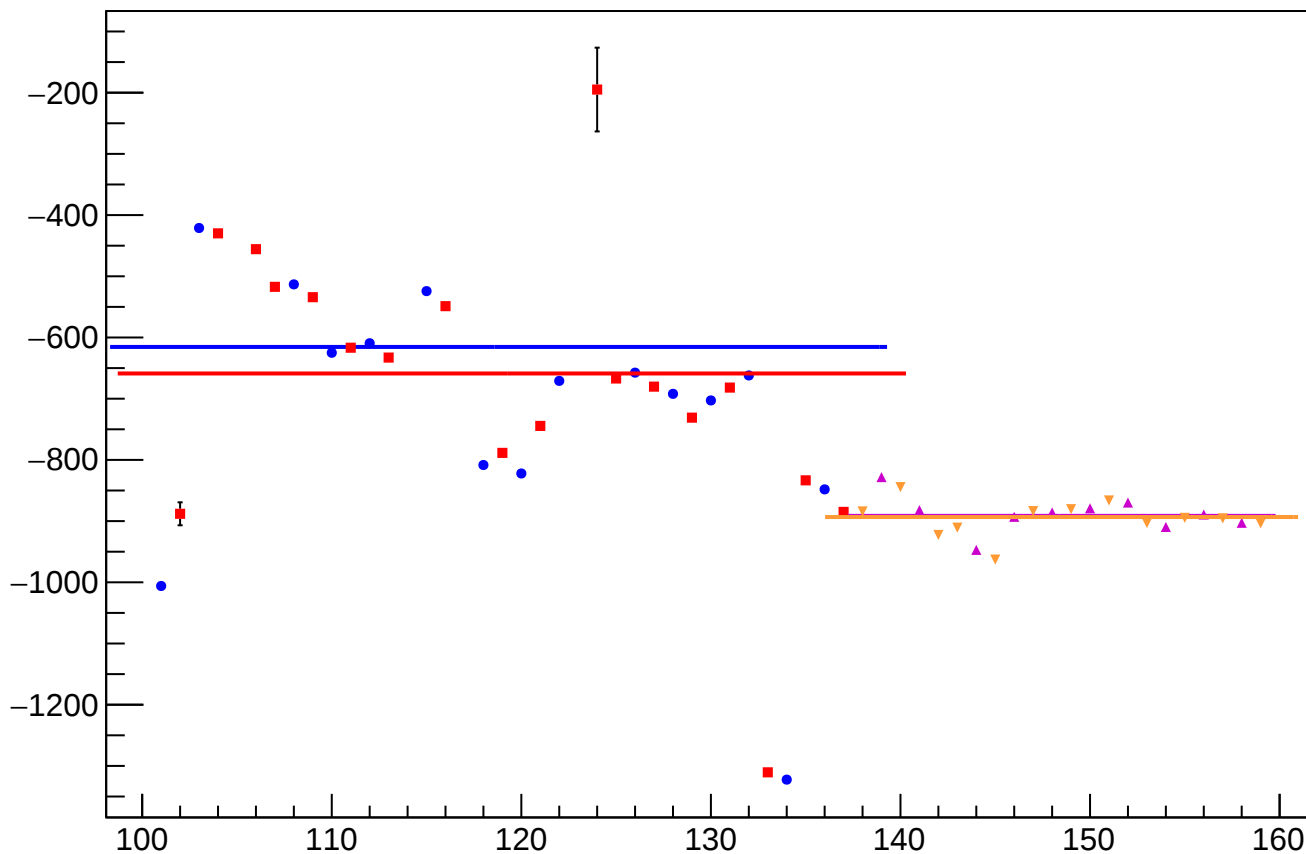
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.553 ± 0.018 $\chi^2/\text{NDF}: 22163.5/24$

Out: -22.637 ± 0.021 $\chi^2/\text{NDF}: 36005.1/29$

All: -23.161 ± 0.014 $\chi^2/\text{NDF}: 59228.4/54$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -893.347+/-0.183 χ^2/NDF : 11780.2/11

Right Out: -658.787+/-0.256 χ^2/NDF : 385262.6/17

Left In: -891.445+/-0.167 χ^2/NDF : 12987.1/9

Left: -892.311+/-0.123 χ^2/NDF : 24826.5/21

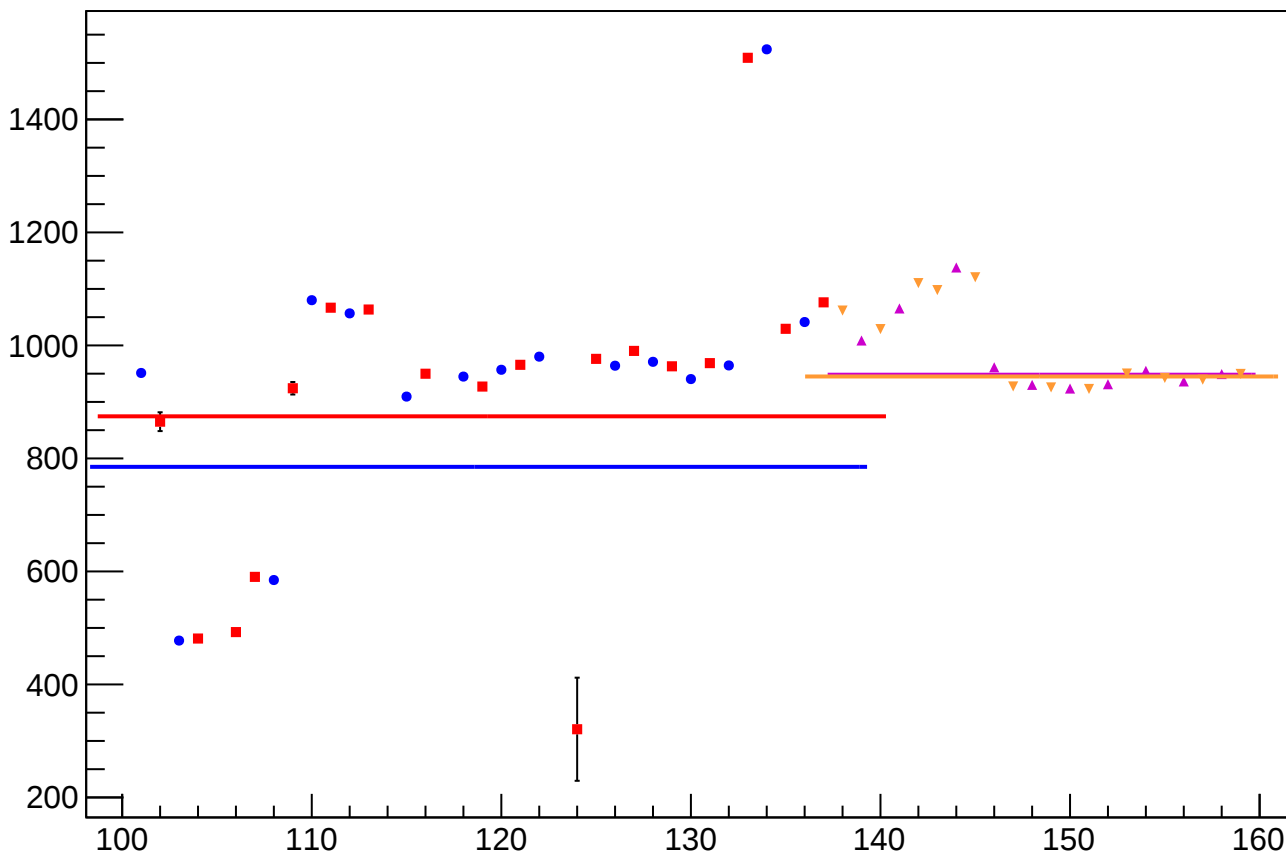
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -800.300+/-0.137 χ^2/NDF : 1299747.0/24

Out: -814.426+/-0.149 χ^2/NDF : 952802.0/29

All: -806.763+/-0.101 χ^2/NDF : 2257446.6/54

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 945.018+/-0.148 χ^2/NDF : 68151.7/11

Right Out: 874.516+/-0.261 χ^2/NDF : 842565.5/17

Left In: 948.165+/-0.138 χ^2/NDF : 73755.1/9

Left: 946.700+/-0.101 χ^2/NDF : 142148.1/21

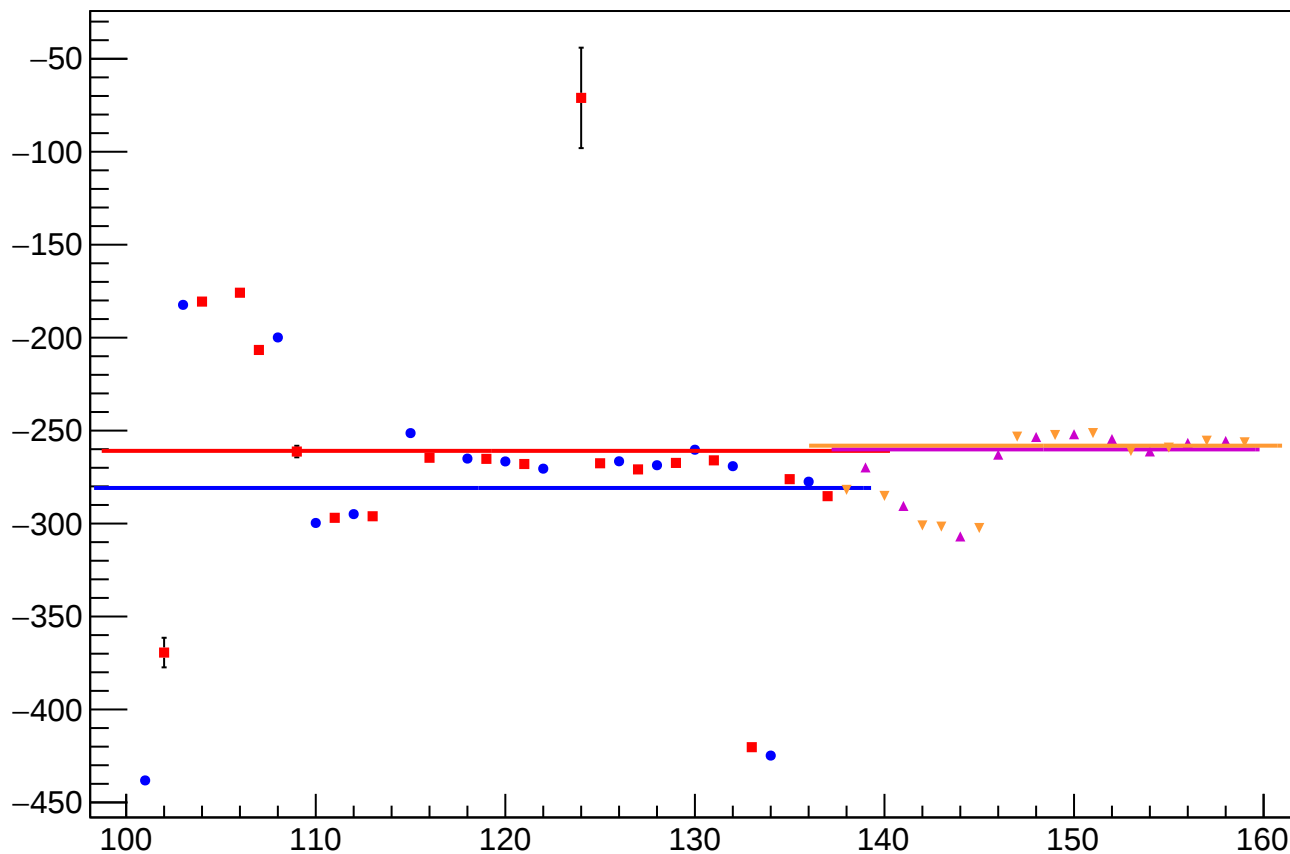
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 904.351+/-0.118 χ^2/NDF : 1333870.9/24

Out: 927.870+/-0.129 χ^2/NDF : 965826.6/29

All: 915.099+/-0.087 χ^2/NDF : 2317789.9/54

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.099 ± 0.024 $\chi^2/\text{NDF}: 156915.2/11$

Right Out: -260.897 ± 0.068 $\chi^2/\text{NDF}: 347717.5/17$

Left In: -260.117 ± 0.024 $\chi^2/\text{NDF}: 175053.7/9$

Left: -259.101 ± 0.017 $\chi^2/\text{NDF}: 335405.7/21$

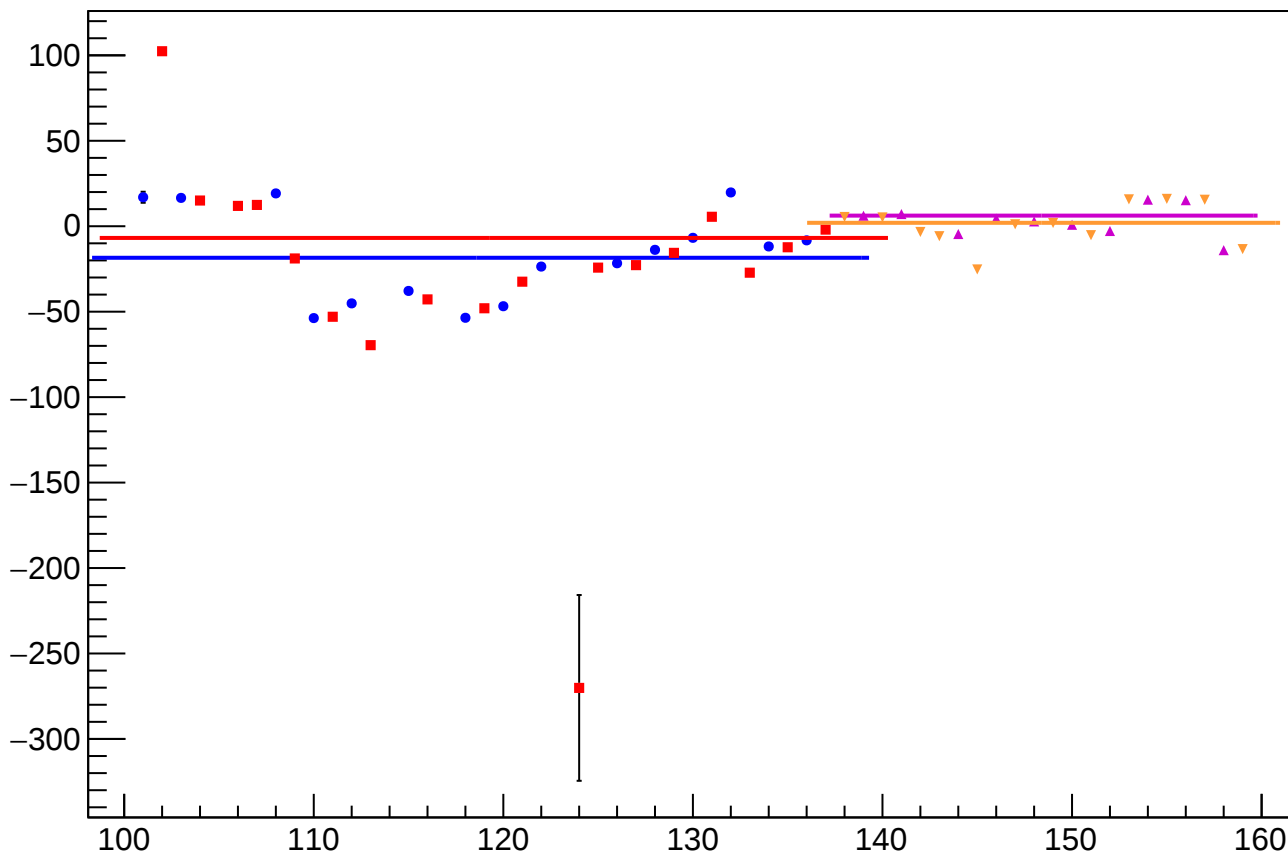
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -263.192 ± 0.023 $\chi^2/\text{NDF}: 1155591.3/24$

Out: -258.418 ± 0.023 $\chi^2/\text{NDF}: 506152.1/29$

All: -260.836 ± 0.016 $\chi^2/\text{NDF}: 1683886.3/54$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 2.003 ± 0.029 $\chi^2/\text{NDF}: 188560.3/11$

Right Out: -6.843 ± 0.065 $\chi^2/\text{NDF}: 50023.0/17$

Left In: 6.213 ± 0.026 $\chi^2/\text{NDF}: 156818.3/9$

Left: 4.335 ± 0.019 $\chi^2/\text{NDF}: 357110.6/21$

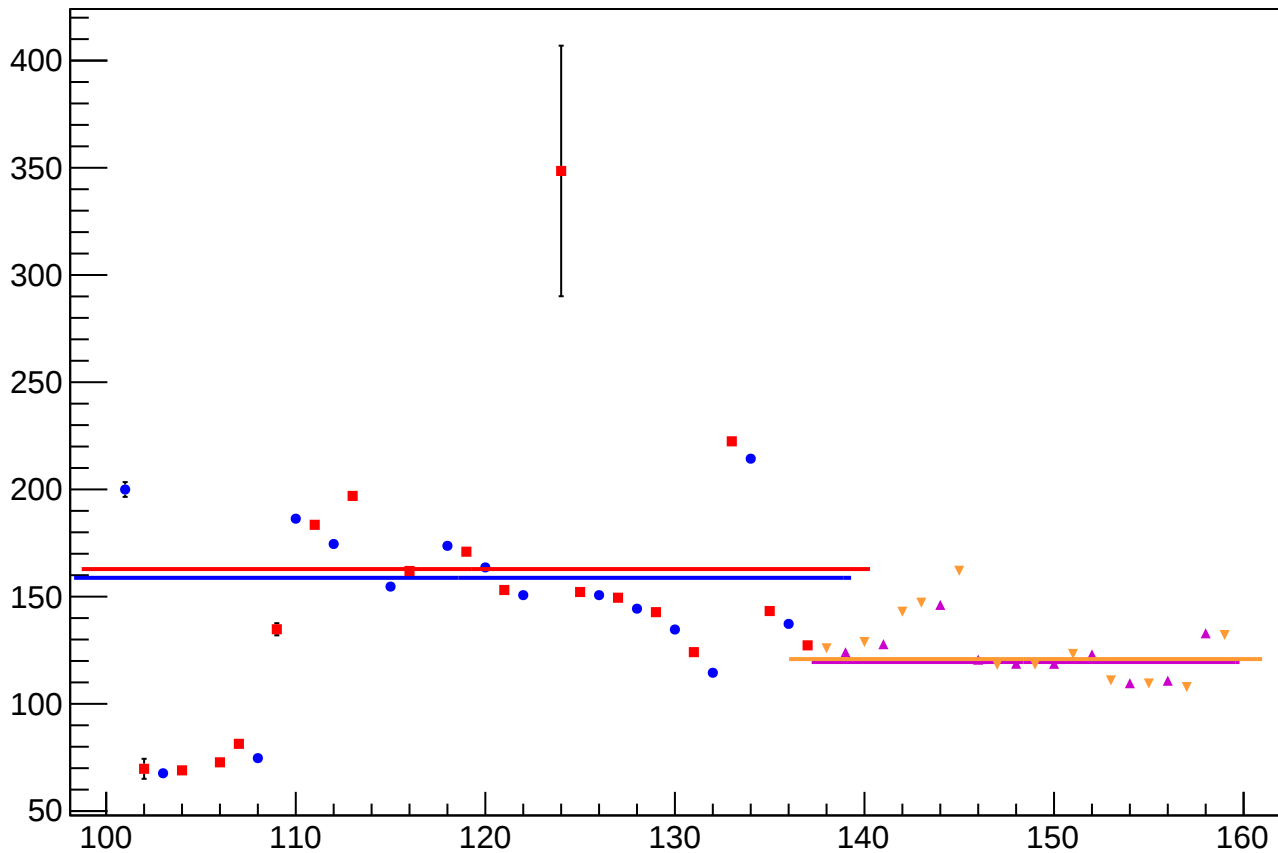
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.367 ± 0.025 $\chi^2/\text{NDF}: 270955.8/24$

Out: 0.525 ± 0.026 $\chi^2/\text{NDF}: 254215.5/29$

All: 2.552 ± 0.018 $\chi^2/\text{NDF}: 536348.4/54$

dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2 /NDF: 159016.5/14

Left Out: 120.881 $\pm$ 0.034 χ^2 /NDF:103076.4/11

Right Out: 162.856 $\pm$ 0.093 χ^2 /NDF: 156176.8/17

Left In: 119.503 $\pm$ 0.033 χ^2 /NDF:64132.1/9

Left: 120.173 $\pm$ 0.024 χ^2 /NDF: 168065.8/21

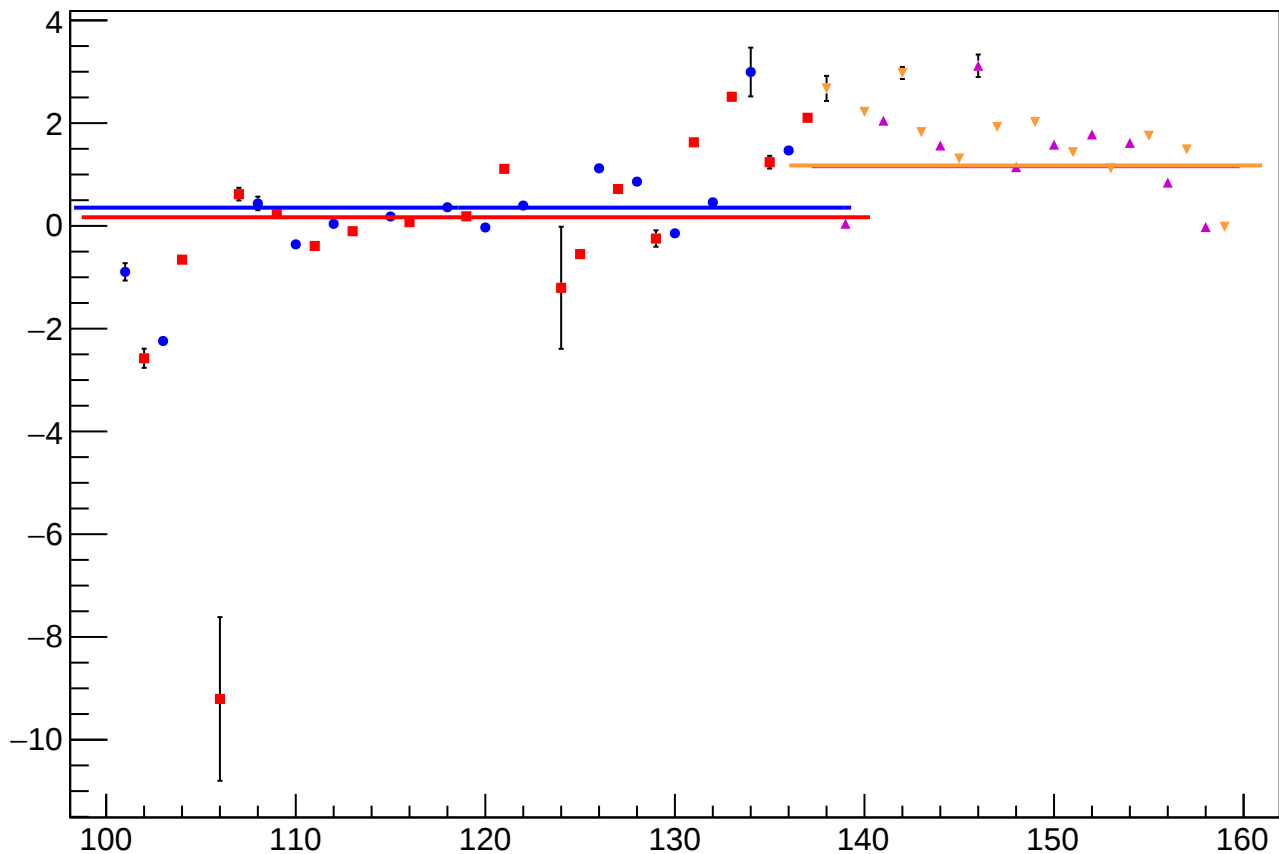
Right: 160.702 $\pm$ 0.064 χ^2 /NDF: 316204.3/32

In: 124.267 $\pm$ 0.031 χ^2 /NDF:396896.7/24

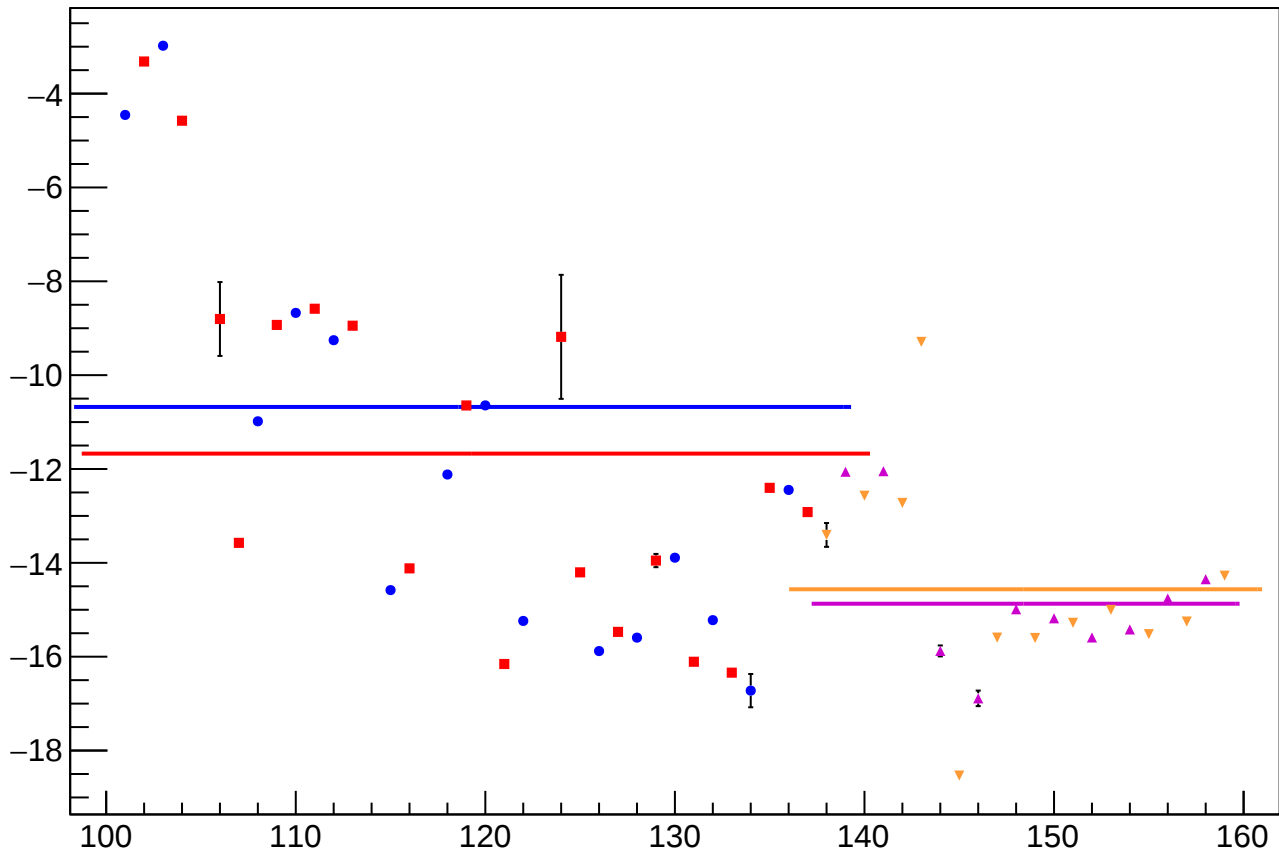
Out: 125.736 $\pm$ 0.032 χ^2 /NDF:438373.8/29

All: 124.979 $\pm$ 0.022 χ^2 /NDF: 836375.4/54

dit_sam1_4aX_slope vs Slug, Sign Corrected



dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.563 ± 0.010 $\chi^2/\text{NDF}: 29242.1/11$

Right Out: -11.672 ± 0.012 $\chi^2/\text{NDF}: 107844.6/17$

Left In: -14.871 ± 0.008 $\chi^2/\text{NDF}: 11335.0/9$

Left: -14.749 ± 0.007 $\chi^2/\text{NDF}: 41099.4/21$

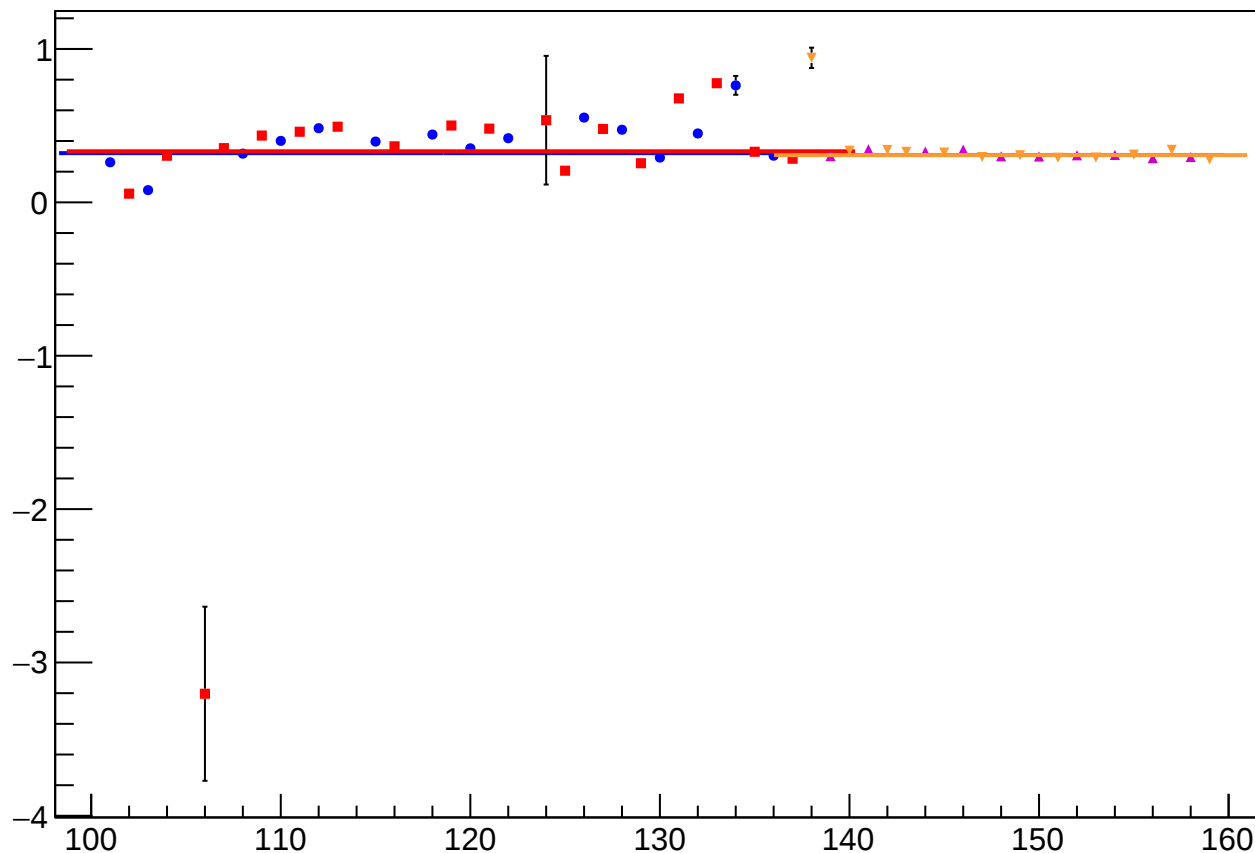
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.168 ± 0.007 $\chi^2/\text{NDF}: 336988.9/24$

Out: -13.272 ± 0.008 $\chi^2/\text{NDF}: 171213.6/29$

All: -13.211 ± 0.005 $\chi^2/\text{NDF}: 508305.5/54$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321 $\pm$ 0.001 χ^2 /NDF: 4017.7/14

Left Out: 0.308 $\pm$ 0.000 χ^2 /NDF:3622.9/11

Right Out: 0.333 $\pm$ 0.001 χ^2 /NDF: 4170.0/17

Left In: 0.309 $\pm$ 0.000 χ^2 /NDF:1883.7/9

Left: 0.308 $\pm$ 0.000 χ^2 /NDF: 5509.9/21

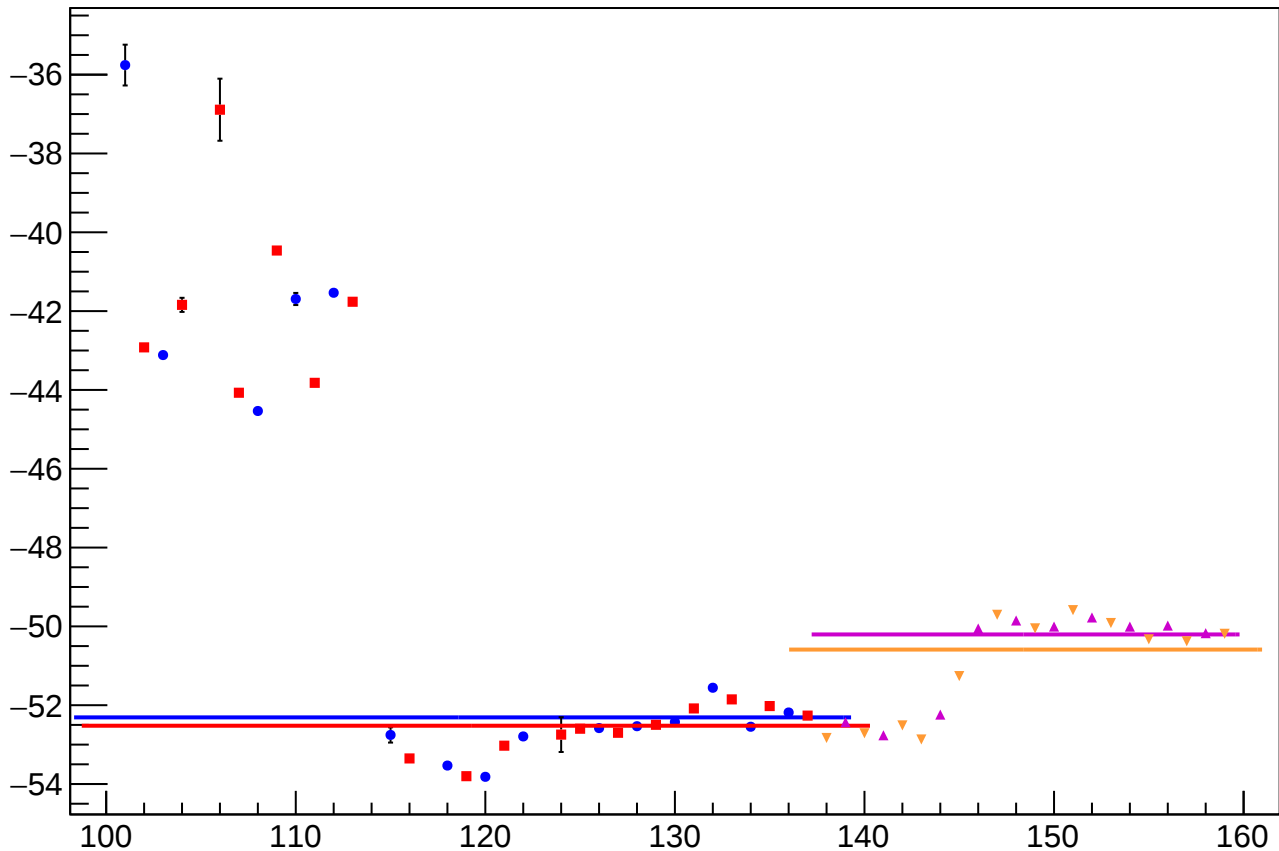
Right: 0.325 $\pm$ 0.001 χ^2 /NDF: 8247.8/32

In: 0.310 $\pm$ 0.000 χ^2 /NDF:6046.1/24

Out: 0.310 $\pm$ 0.000 χ^2 /NDF:8162.0/29

All: 0.310 $\pm$ 0.000 χ^2 /NDF: 14208.8/54

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.588 $\pm$ 0.003 χ^2 /NDF: 203435.6/11

Right Out: -52.521 $\pm$ 0.005 χ^2 /NDF: 76616.3/17

Left In: -50.204 $\pm$ 0.002 χ^2 /NDF: 154965.2/9

Left: -50.329 $\pm$ 0.001 χ^2 /NDF: 374100.8/21

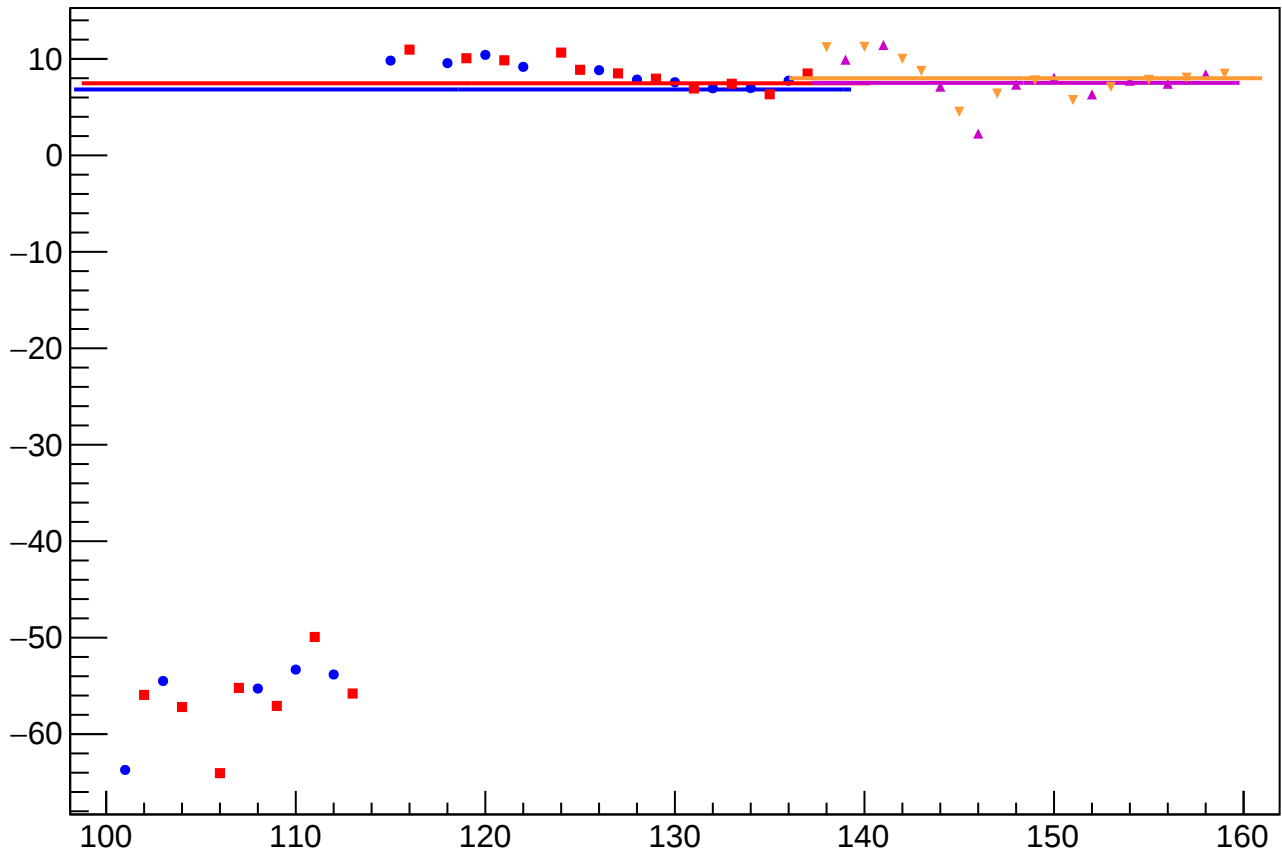
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.489 $\pm$ 0.002 χ^2 /NDF: 405031.2/24

Out: -51.033 $\pm$ 0.002 χ^2 /NDF: 415627.3/29

All: -50.680 $\pm$ 0.001 χ^2 /NDF: 860047.6/54

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.997 ± 0.005 $\chi^2/\text{NDF}: 78028.3/11$

Right Out: 7.474 ± 0.009 $\chi^2/\text{NDF}: 1195498.7/17$

Left In: 7.518 ± 0.004 $\chi^2/\text{NDF}: 97213.7/9$

Left: 7.708 ± 0.003 $\chi^2/\text{NDF}: 181455.6/21$

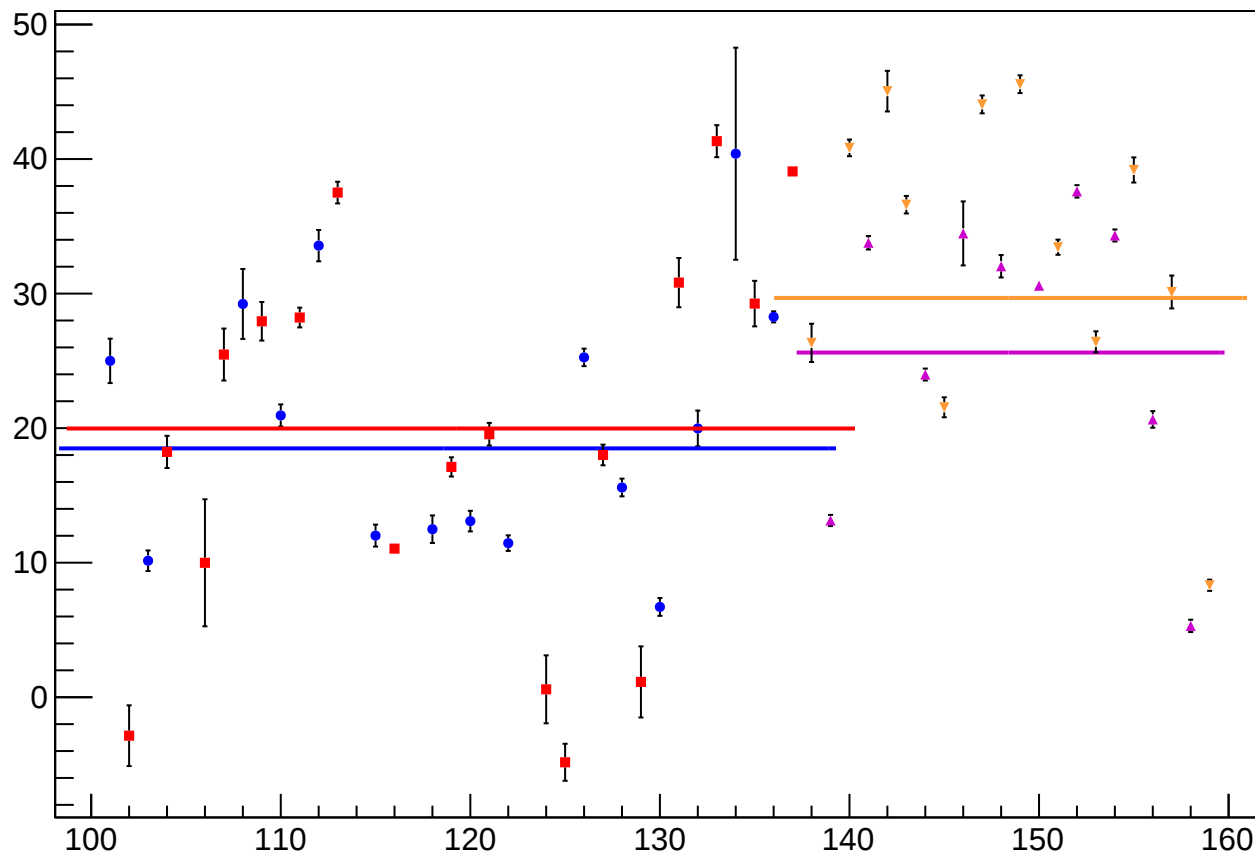
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.269 ± 0.003 $\chi^2/\text{NDF}: 1099400.9/24$

Out: 7.890 ± 0.004 $\chi^2/\text{NDF}: 1276044.4/29$

All: 7.483 ± 0.002 $\chi^2/\text{NDF}: 2389722.0/54$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 ± 0.200 $\chi^2/\text{NDF}: 1636.7/14$

Left Out: 29.678 ± 0.202 $\chi^2/\text{NDF}: 4497.9/11$

Right Out: 19.974 ± 0.130 $\chi^2/\text{NDF}: 9201.3/17$

Left In: 25.620 ± 0.152 $\chi^2/\text{NDF}: 4573.4/9$

Left: 27.095 ± 0.122 $\chi^2/\text{NDF}: 9329.4/21$

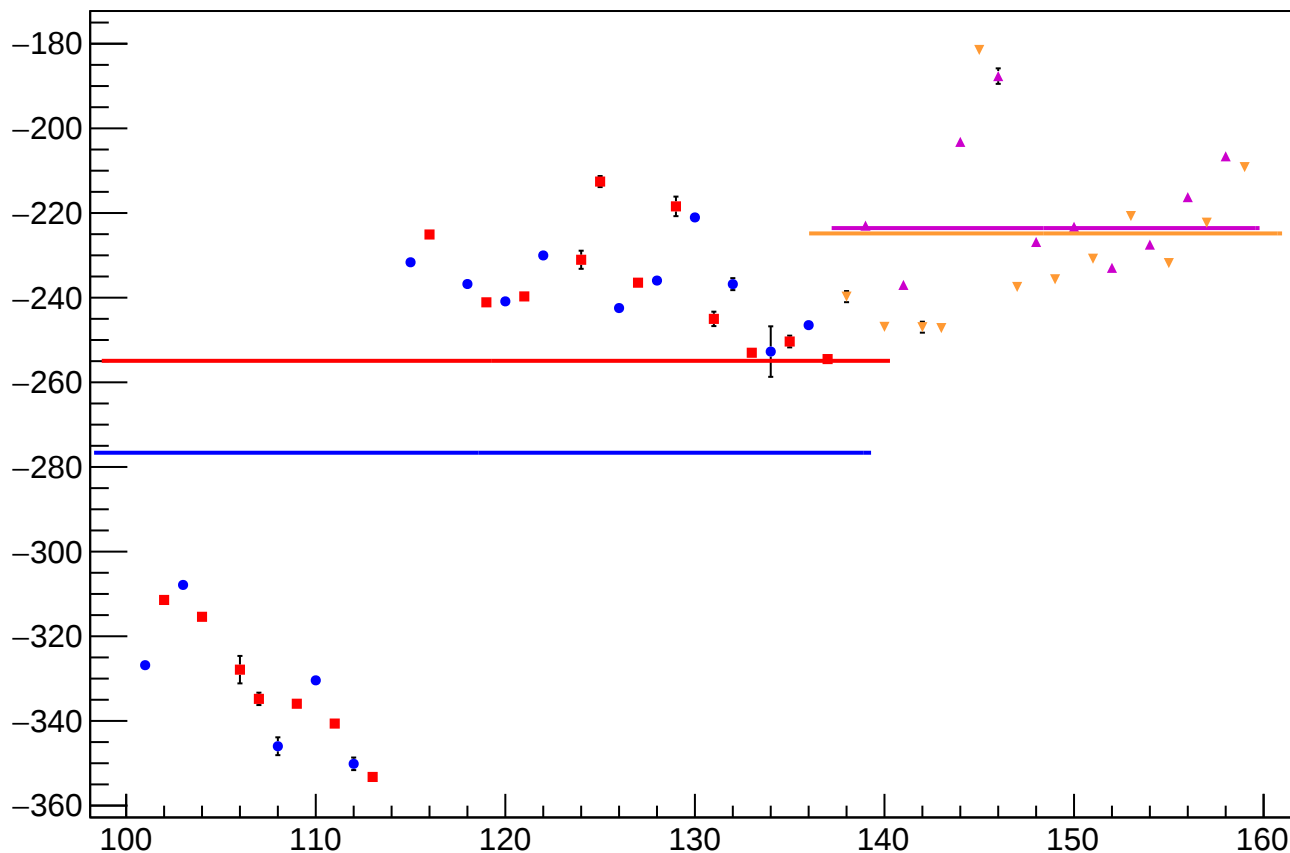
Right: 19.534 ± 0.109 $\chi^2/\text{NDF}: 10876.3/32$

In: 23.006 ± 0.121 $\chi^2/\text{NDF}: 7012.8/24$

Out: 22.830 ± 0.109 $\chi^2/\text{NDF}: 15334.7/29$

All: 22.909 ± 0.081 $\chi^2/\text{NDF}: 22348.7/54$

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 $\chi^2/\text{NDF}: 77119.6/14$

Left Out: -224.822 ± 0.162 $\chi^2/\text{NDF}: 13664.2/11$

Right Out: -254.921 ± 0.071 $\chi^2/\text{NDF}: 71945.8/17$

Left In: -223.558 ± 0.133 $\chi^2/\text{NDF}: 4498.7/9$

Left: -224.064 ± 0.103 $\chi^2/\text{NDF}: 18199.3/21$

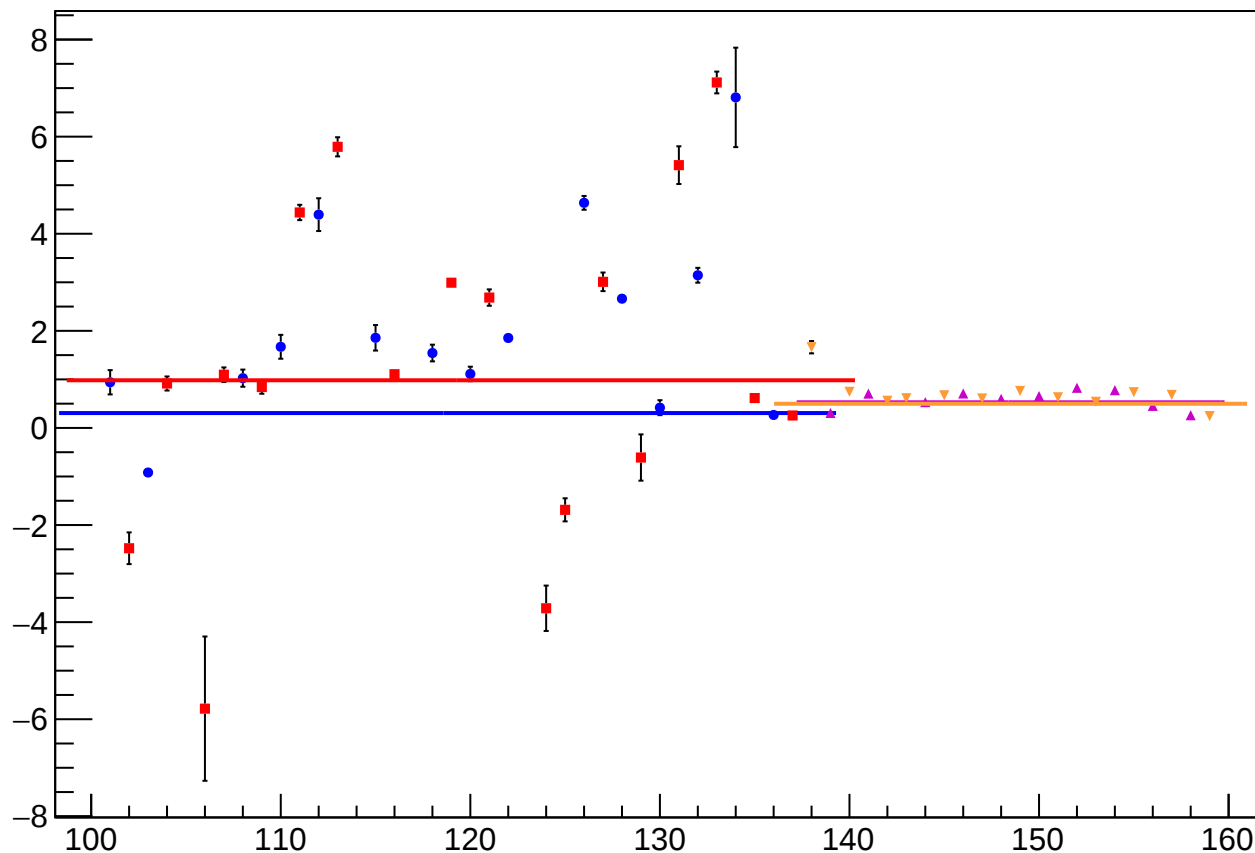
Right: -259.025 ± 0.064 $\chi^2/\text{NDF}: 166632.3/32$

In: -247.292 ± 0.099 $\chi^2/\text{NDF}: 153164.7/24$

Out: -250.061 ± 0.065 $\chi^2/\text{NDF}: 114444.1/29$

All: -249.219 ± 0.054 $\chi^2/\text{NDF}: 268156.7/54$

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 χ^2/NDF : 2787.0/14

Left Out: 0.498 ± 0.002 χ^2/NDF : 7499.6/11

Right Out: 0.982 ± 0.015 χ^2/NDF : 3374.7/17

Left In: 0.528 ± 0.002 χ^2/NDF : 11417.1/9

Left: 0.515 ± 0.002 χ^2/NDF : 18999.8/21

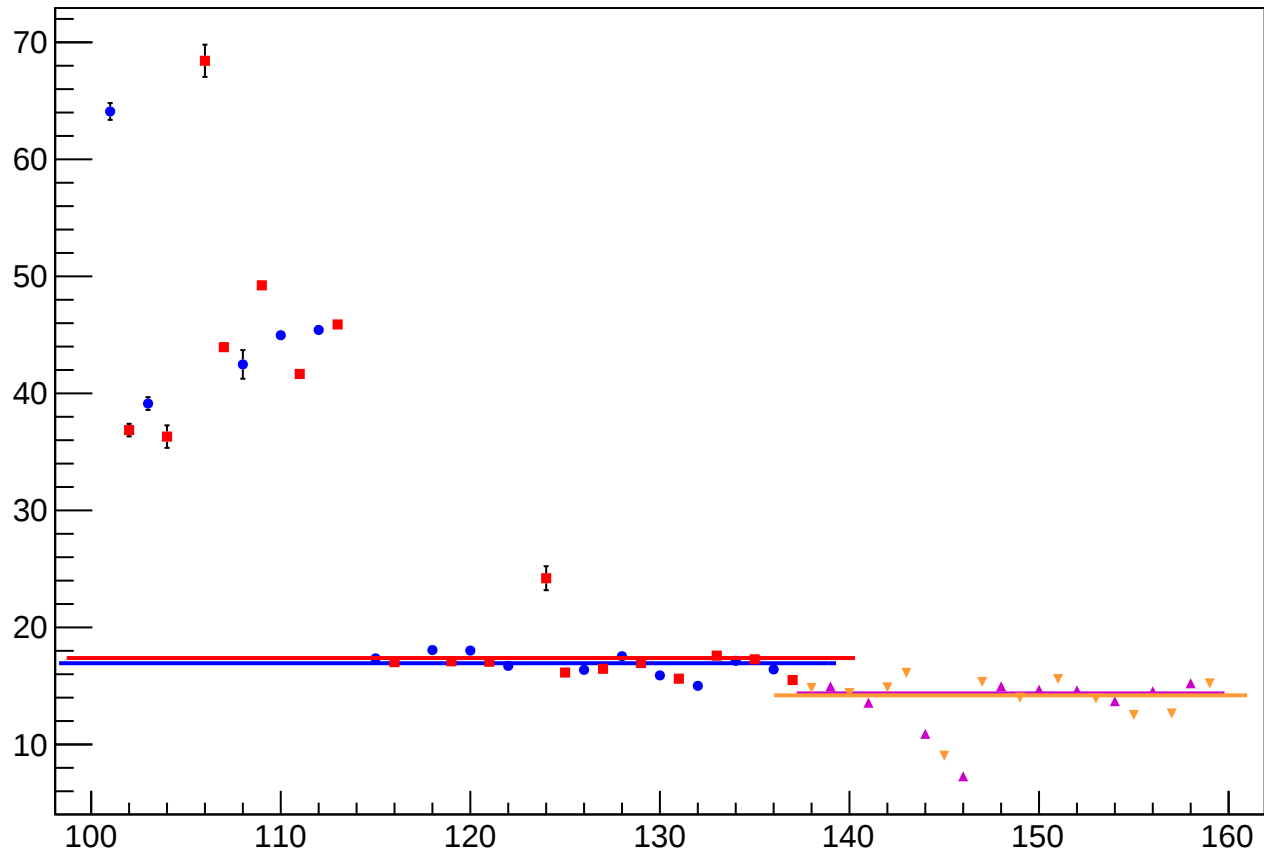
Right: 0.421 ± 0.006 χ^2/NDF : 7919.2/32

In: 0.507 ± 0.002 χ^2/NDF : 15210.6/24

Out: 0.512 ± 0.002 χ^2/NDF : 11930.7/29

All: 0.509 ± 0.002 χ^2/NDF : 27143.6/54

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 14.197 ± 0.010 $\chi^2/\text{NDF}: 49692.0/11$

Right Out: 17.385 ± 0.018 $\chi^2/\text{NDF}: 61131.5/17$

Left In: 14.362 ± 0.010 $\chi^2/\text{NDF}: 8090.1/9$

Left: 14.276 ± 0.007 $\chi^2/\text{NDF}: 57911.6/21$

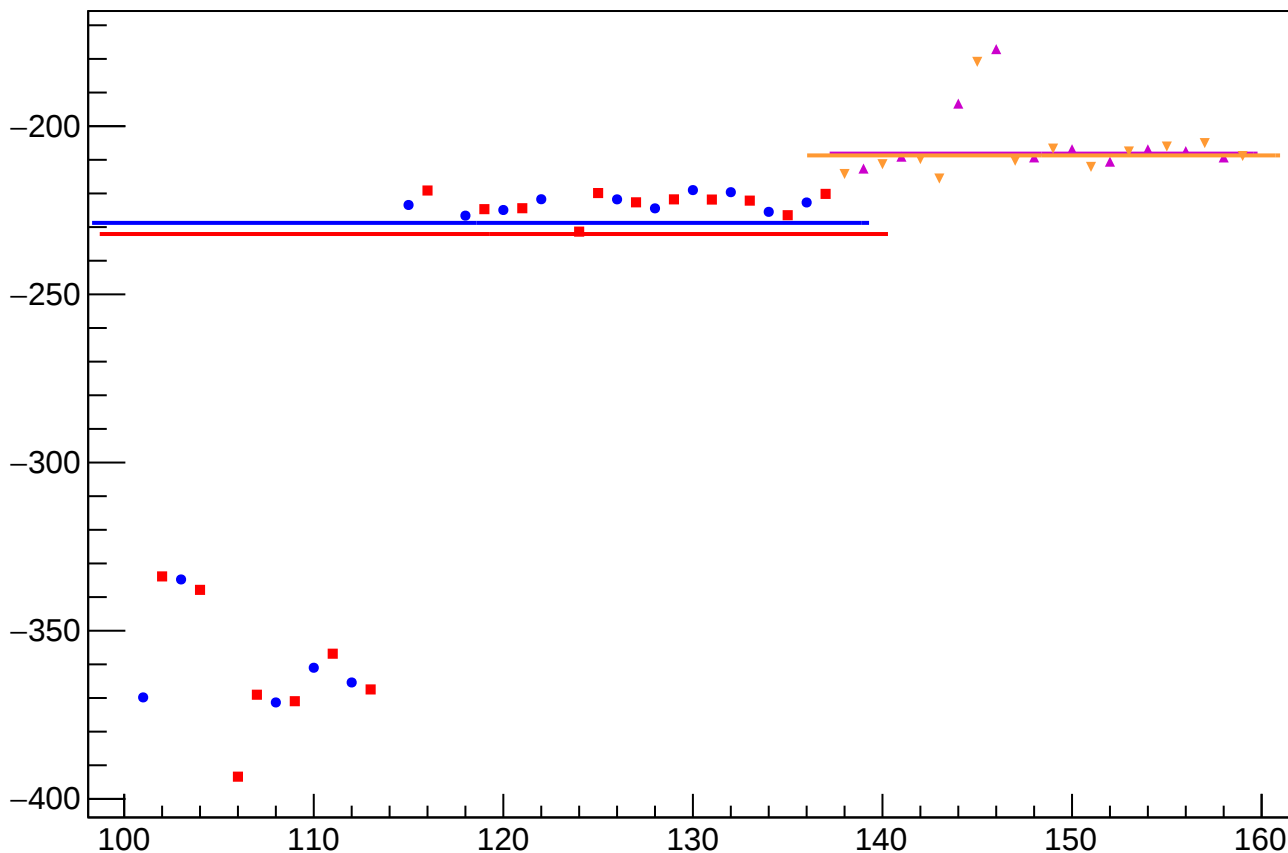
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.385 ± 0.008 $\chi^2/\text{NDF}: 61334.2/24$

Out: 14.978 ± 0.009 $\chi^2/\text{NDF}: 135627.4/29$

All: 15.196 ± 0.006 $\chi^2/\text{NDF}: 198136.5/54$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.690 ± 0.021 $\chi^2/\text{NDF}: 73730.8/11$

Right Out: -232.058 ± 0.041 $\chi^2/\text{NDF}: 791526.5/17$

Left In: -208.159 ± 0.019 $\chi^2/\text{NDF}: 14329.3/9$

Left: -208.402 ± 0.014 $\chi^2/\text{NDF}: 88406.7/21$

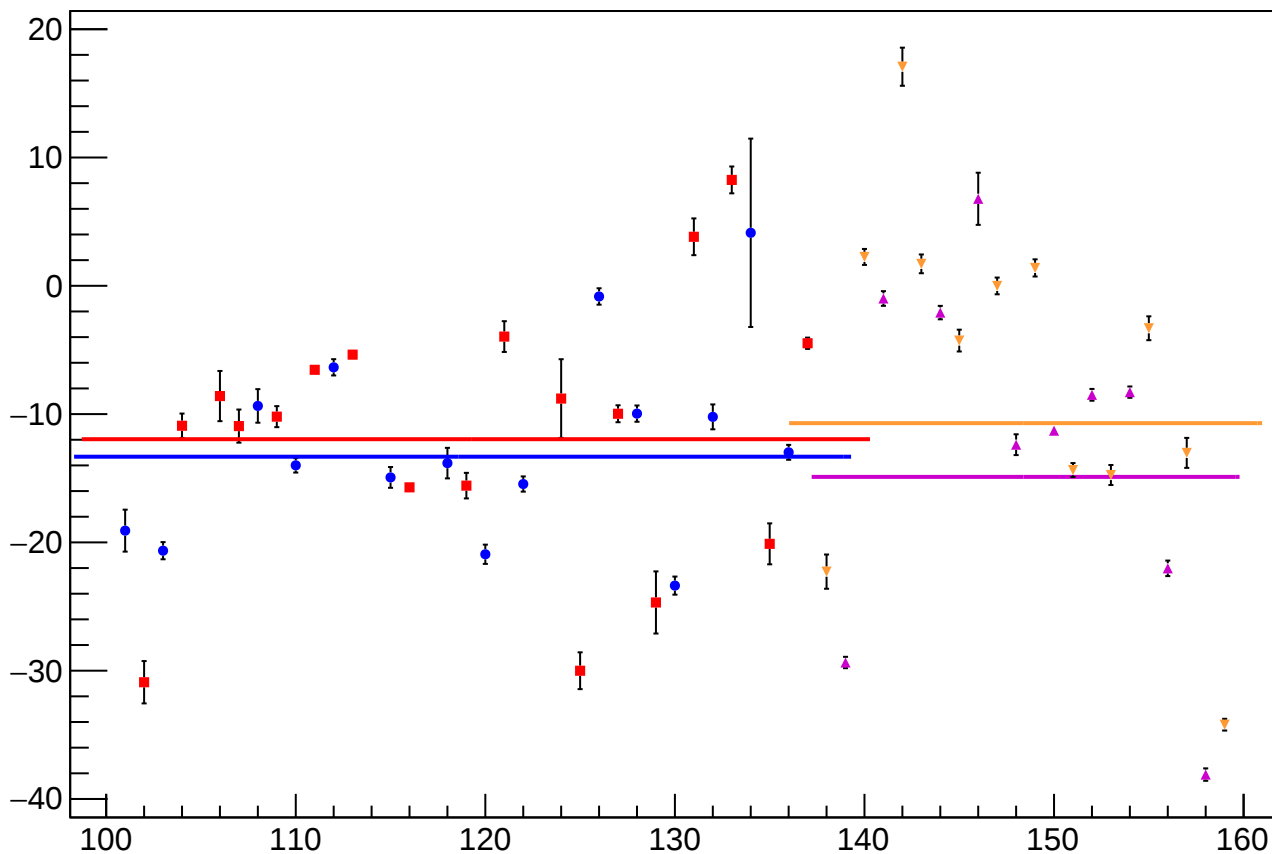
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.029 ± 0.017 $\chi^2/\text{NDF}: 940948.7/24$

Out: -213.499 ± 0.019 $\chi^2/\text{NDF}: 1119492.3/29$

All: -213.240 ± 0.013 $\chi^2/\text{NDF}: 2060788.0/54$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -10.706 ± 0.208 $\chi^2/\text{NDF}: 4562.5/11$

Right Out: -11.956 ± 0.113 $\chi^2/\text{NDF}: 2487.2/17$

Left In: -14.894 ± 0.161 $\chi^2/\text{NDF}: 5331.3/9$

Left: -13.325 ± 0.127 $\chi^2/\text{NDF}: 10147.2/21$

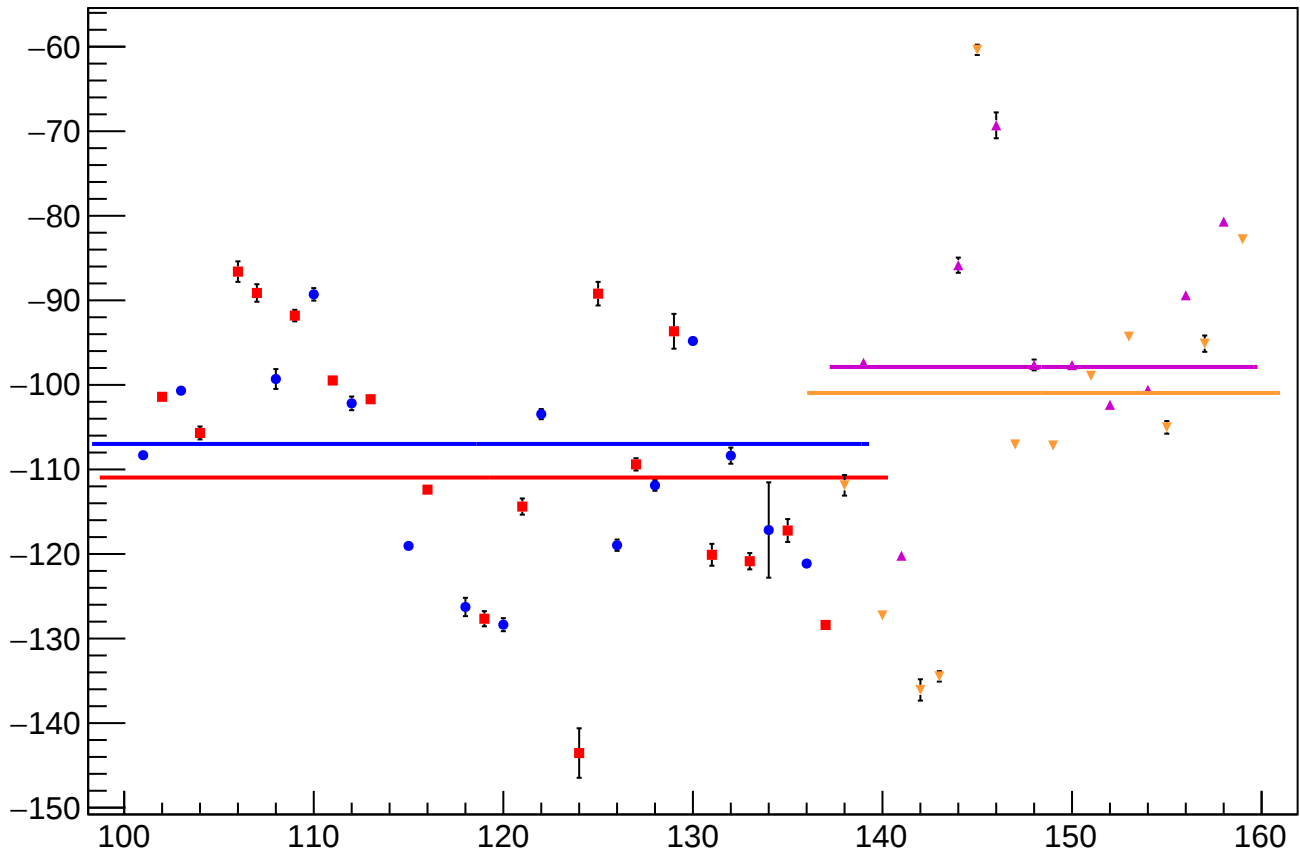
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.251 ± 0.124 $\chi^2/\text{NDF}: 6383.3/24$

Out: -11.673 ± 0.099 $\chi^2/\text{NDF}: 7077.6/29$

All: -12.679 ± 0.077 $\chi^2/\text{NDF}: 13725.3/54$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 χ^2/NDF : 4658.3/14

Left Out: -100.952 ± 0.165 χ^2/NDF : 14017.2/11

Right Out: -110.955 ± 0.050 χ^2/NDF : 10675.0/17

Left In: -97.880 ± 0.136 χ^2/NDF : 4840.0/9

Left: -99.122 ± 0.105 χ^2/NDF : 19063.3/21

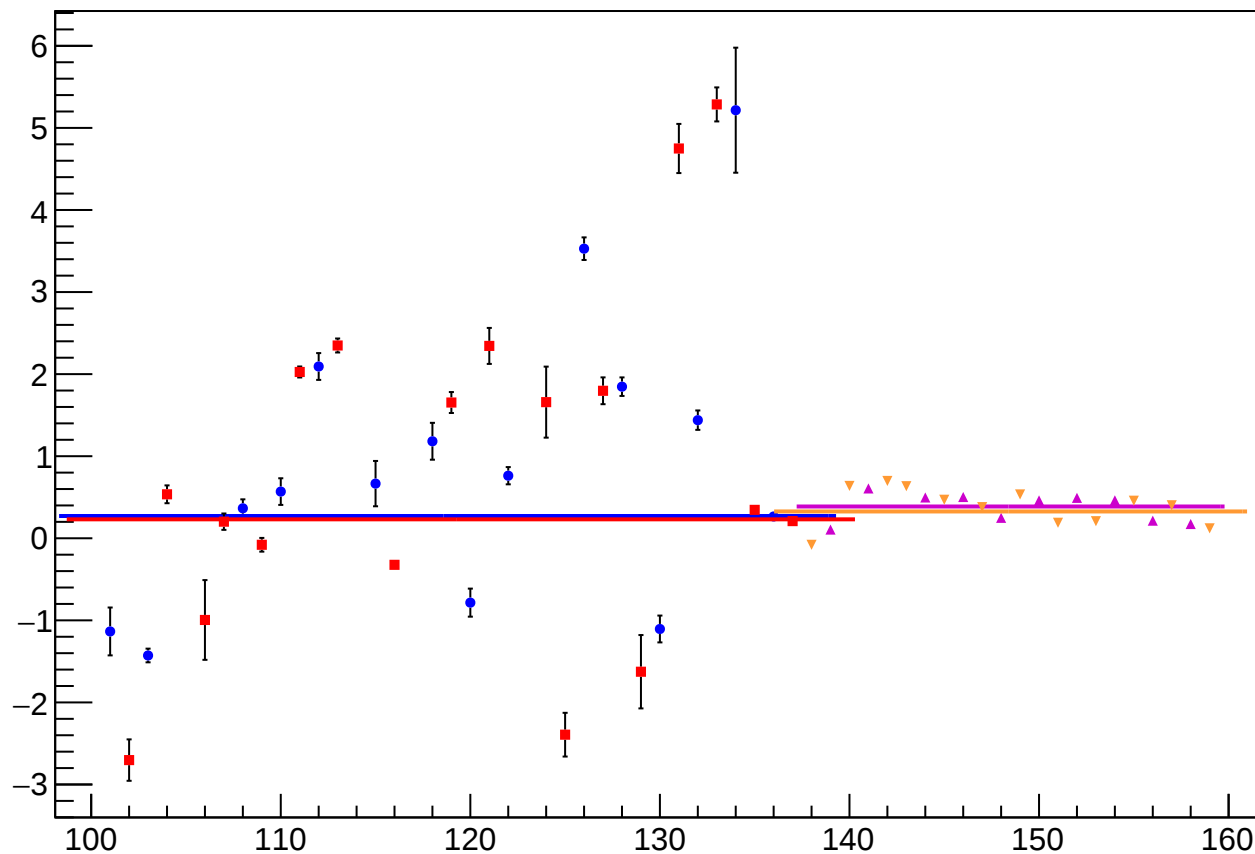
Right: -110.271 ± 0.046 χ^2/NDF : 16412.2/32

In: -103.384 ± 0.086 χ^2/NDF : 12204.1/24

Out: -110.110 ± 0.048 χ^2/NDF : 28047.7/29

All: -108.499 ± 0.042 χ^2/NDF : 44950.8/54

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 $\chi^2/\text{NDF}: 1612.2/14$

Left Out: 0.327 ± 0.003 $\chi^2/\text{NDF}: 6226.0/11$

Right Out: 0.231 ± 0.004 $\chi^2/\text{NDF}: 2907.8/17$

Left In: 0.387 ± 0.002 $\chi^2/\text{NDF}: 6378.3/9$

Left: 0.363 ± 0.002 $\chi^2/\text{NDF}: 12895.2/21$

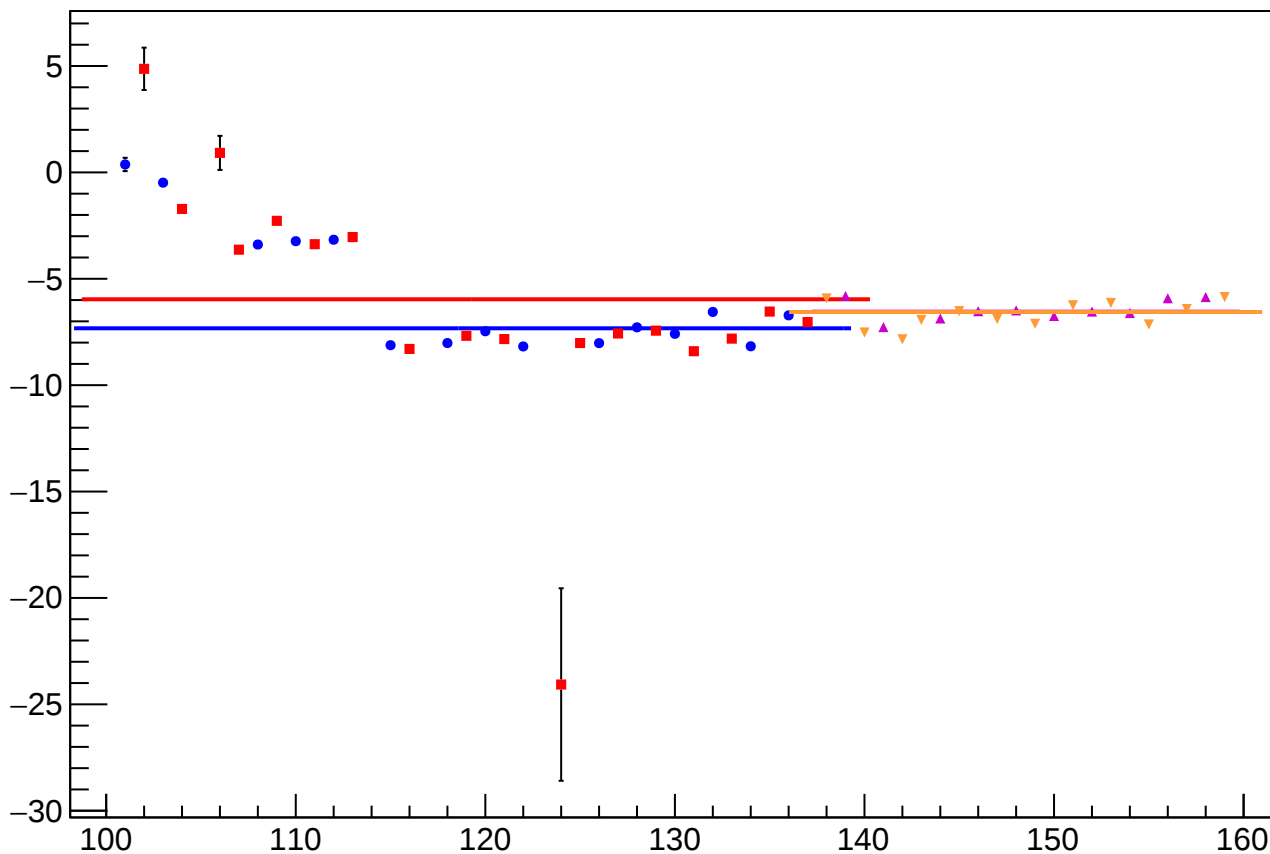
Right: 0.247 ± 0.003 $\chi^2/\text{NDF}: 4554.2/32$

In: 0.370 ± 0.002 $\chi^2/\text{NDF}: 8393.1/24$

Out: 0.300 ± 0.002 $\chi^2/\text{NDF}: 9475.1/29$

All: 0.339 ± 0.002 $\chi^2/\text{NDF}: 18363.9/54$

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327 ± 0.008 $\chi^2/\text{NDF}: 30494.2/14$

Left Out: -6.562 ± 0.008 $\chi^2/\text{NDF}: 4486.2/11$

Right Out: -5.964 ± 0.009 $\chi^2/\text{NDF}: 71807.1/17$

Left In: -6.545 ± 0.007 $\chi^2/\text{NDF}: 4628.2/9$

Left: -6.552 ± 0.005 $\chi^2/\text{NDF}: 9117.3/21$

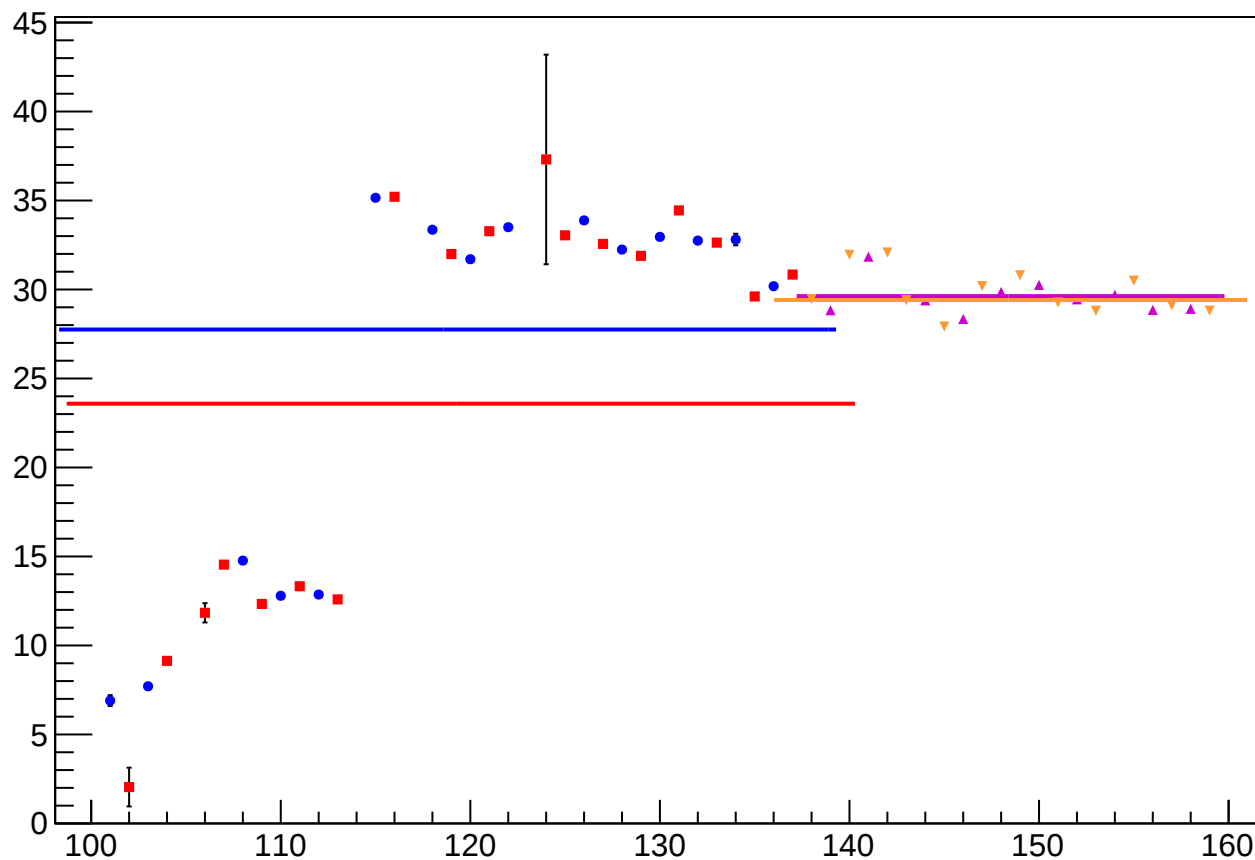
Right: -6.677 ± 0.006 $\chi^2/\text{NDF}: 114918.0/32$

In: -6.846 ± 0.005 $\chi^2/\text{NDF}: 40470.5/24$

Out: -6.295 ± 0.006 $\chi^2/\text{NDF}: 78870.5/29$

All: -6.604 ± 0.004 $\chi^2/\text{NDF}: 124283.5/54$

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.412 $\pm$ 0.013 χ^2 /NDF: 7658.5/11

Right Out: 23.585 $\pm$ 0.014 χ^2 /NDF: 539616.2/17

Left In: 29.627 $\pm$ 0.012 χ^2 /NDF: 2765.9/9

Left: 29.528 $\pm$ 0.009 χ^2 /NDF: 10566.7/21

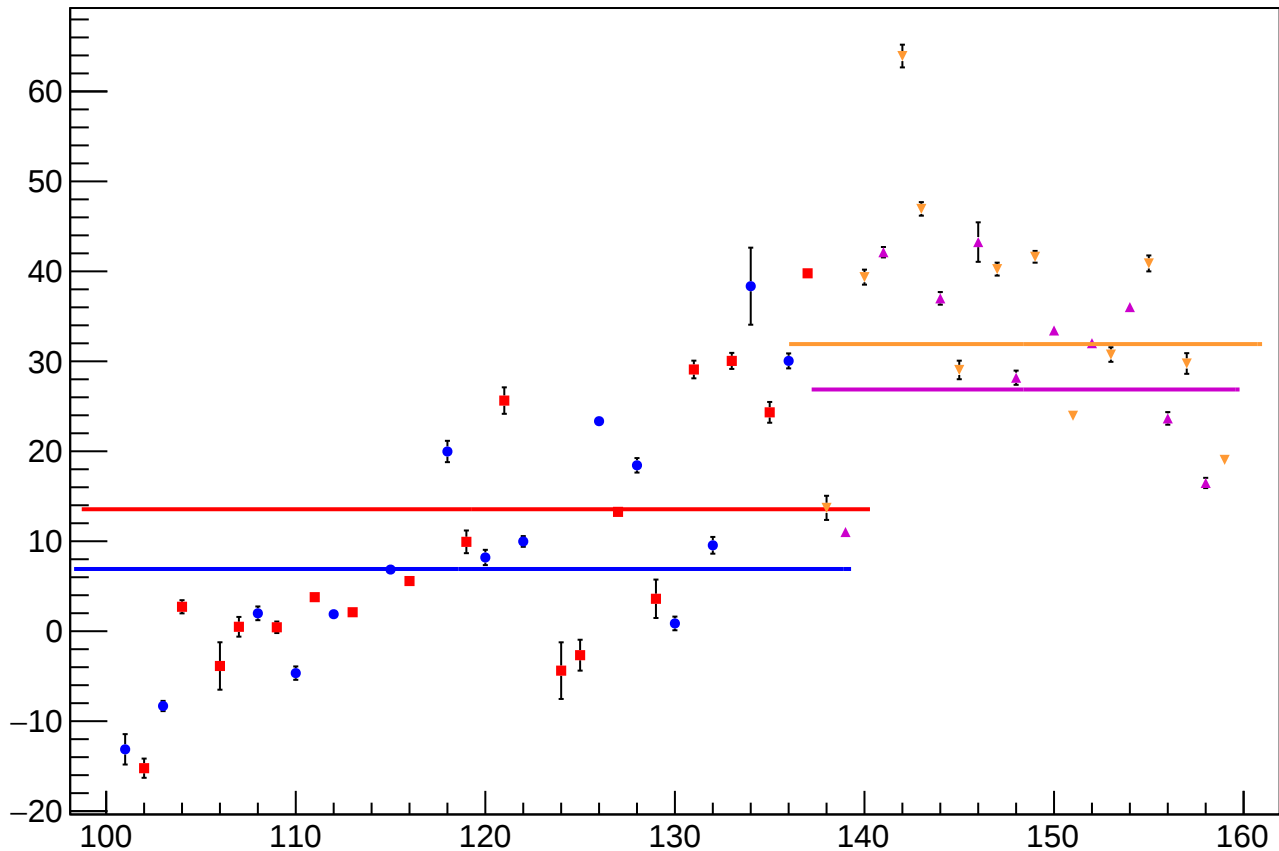
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.879 $\pm$ 0.010 χ^2 /NDF: 345038.2/24

Out: 26.599 $\pm$ 0.010 χ^2 /NDF: 640669.2/29

All: 27.742 $\pm$ 0.007 χ^2 /NDF: 1014422.1/54

dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 $\pm$ 0.177 χ^2/NDF : 3503.2/14

Left Out: 31.916 $\pm$ 0.215 χ^2/NDF : 2802.0/11

Right Out: 13.557 $\pm$ 0.145 χ^2/NDF : 11657.2/17

Left In: 26.868 $\pm$ 0.161 χ^2/NDF : 4611.7/9

Left: 28.682 $\pm$ 0.129 χ^2/NDF : 7767.5/21

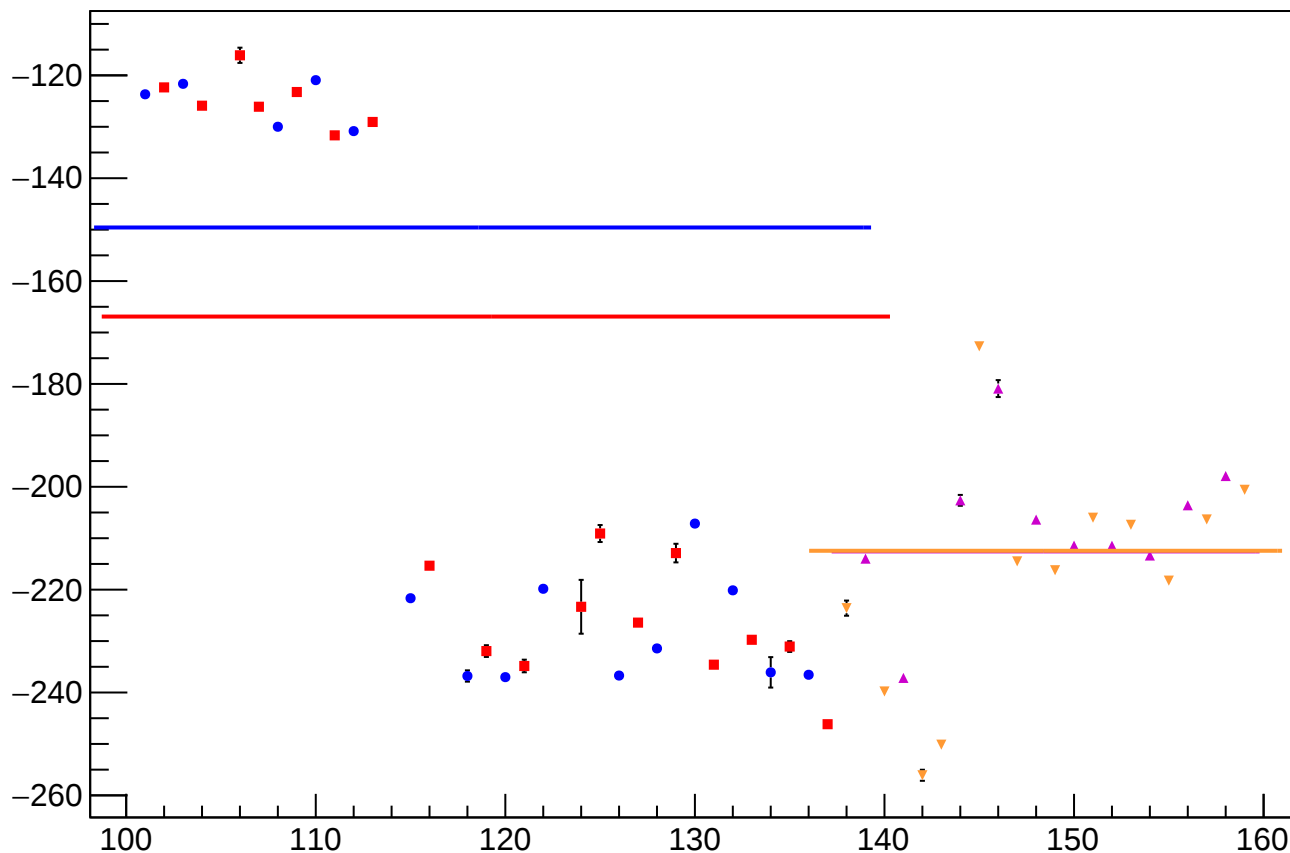
Right: 10.880 $\pm$ 0.112 χ^2/NDF : 16004.9/32

In: 17.814 $\pm$ 0.119 χ^2/NDF : 15090.9/24

Out: 19.307 $\pm$ 0.120 χ^2/NDF : 19475.5/29

All: 18.553 $\pm$ 0.085 χ^2/NDF : 34644.3/54

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580+/-0.101 χ^2/NDF : 195091.5/14

Left Out: -212.441+/-0.173 χ^2/NDF : 11343.3/11

Right Out: -166.899+/-0.101 χ^2/NDF : 295489.9/17

Left In: -212.566+/-0.135 χ^2/NDF : 4650.2/9

Left: -212.519+/-0.106 χ^2/NDF : 15993.9/21

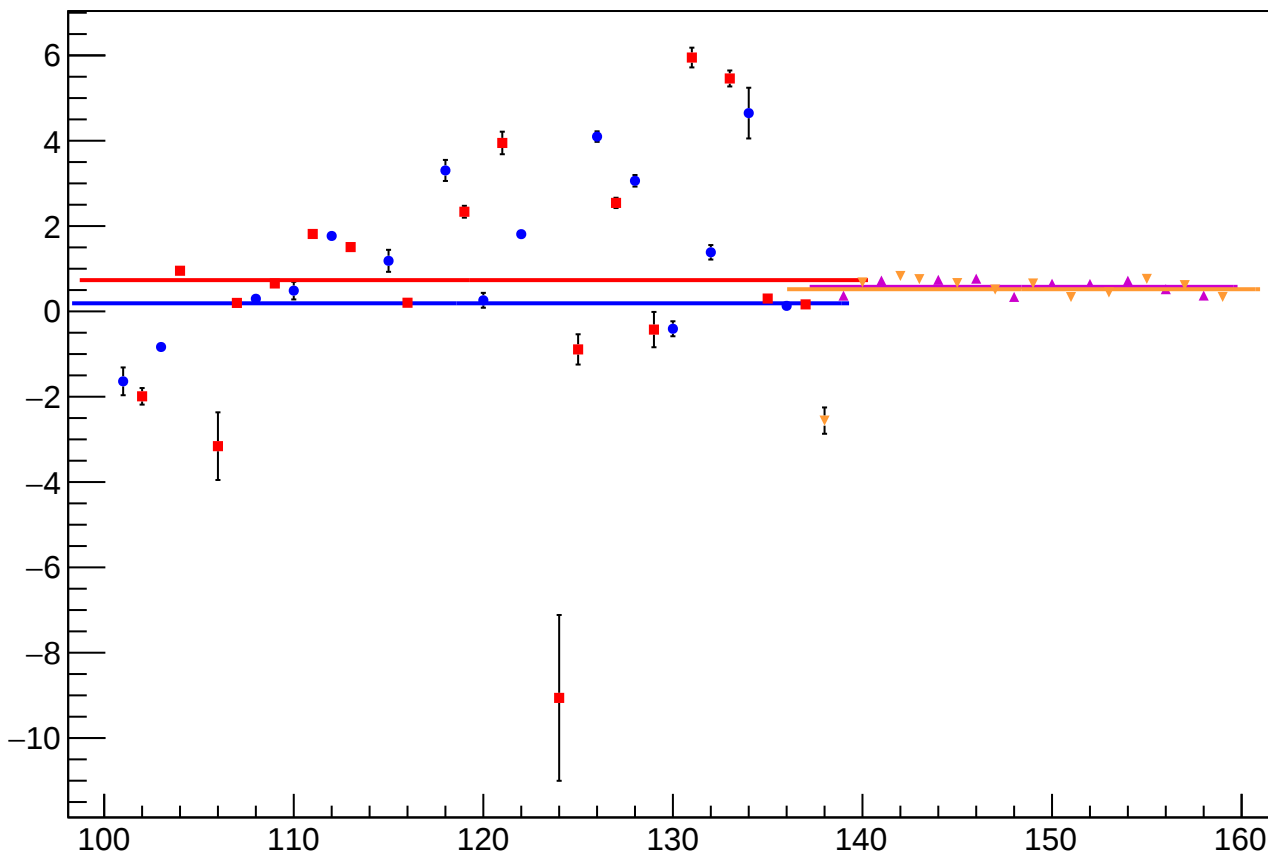
Right: -158.264+/-0.071 χ^2/NDF : 505360.9/32

In: -172.252+/-0.081 χ^2/NDF : 340085.0/24

Out: -178.372+/-0.087 χ^2/NDF : 358472.9/29

All: -175.082+/-0.059 χ^2/NDF : 701217.4/54

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.520 ± 0.003 $\chi^2/\text{NDF}: 2994.6/11$

Right Out: 0.733 ± 0.020 $\chi^2/\text{NDF}: 2666.9/17$

Left In: 0.575 ± 0.003 $\chi^2/\text{NDF}: 2651.0/9$

Left: 0.550 ± 0.002 $\chi^2/\text{NDF}: 5804.9/21$

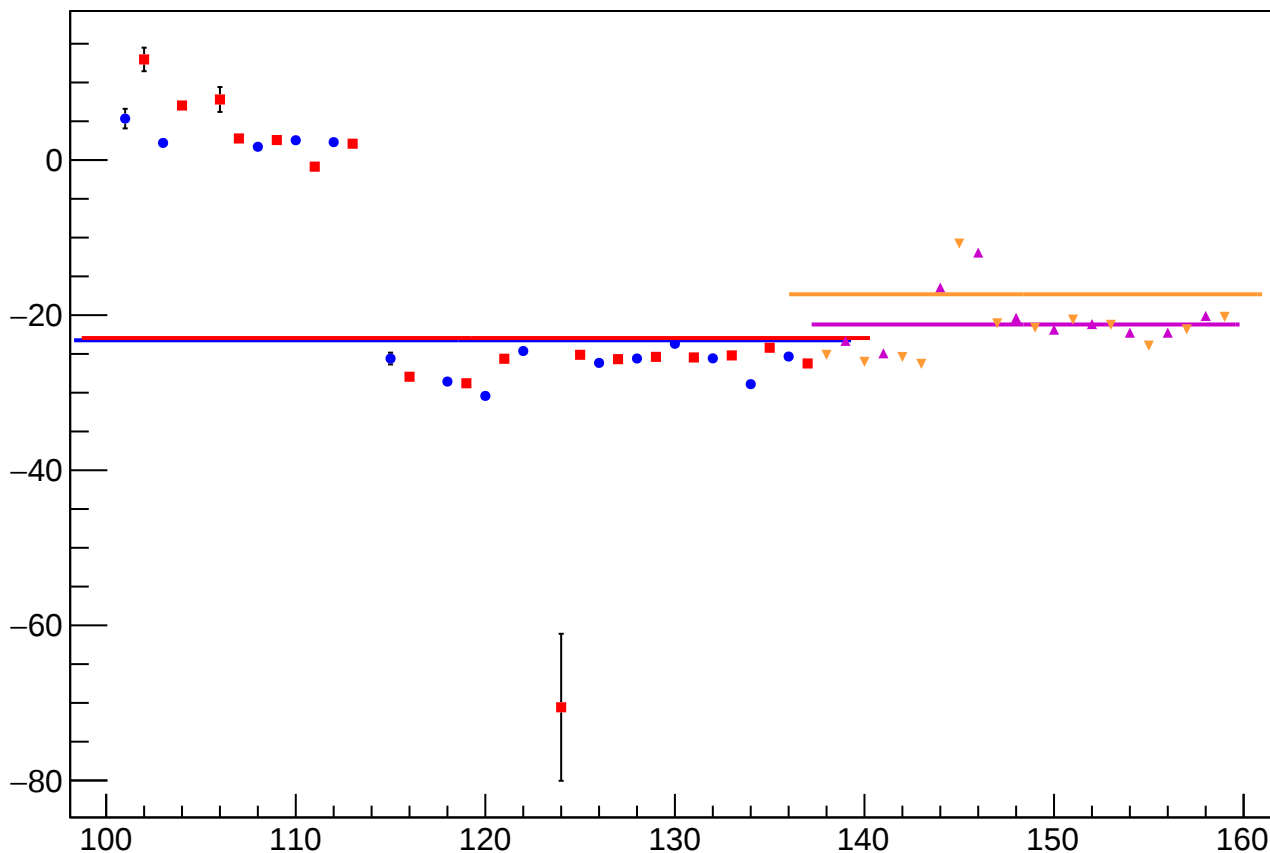
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.535 ± 0.003 $\chi^2/\text{NDF}: 7173.8/24$

Out: 0.525 ± 0.003 $\chi^2/\text{NDF}: 5774.7/29$

All: 0.531 ± 0.002 $\chi^2/\text{NDF}: 12953.6/54$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 χ^2/NDF : 103102.8/14

Left Out: -17.308 ± 0.017 χ^2/NDF : 118046.5/11

Right Out: -22.951 ± 0.025 χ^2/NDF : 108039.1/17

Left In: -21.202 ± 0.019 χ^2/NDF : 9376.5/9

Left: -18.992 ± 0.013 χ^2/NDF : 151024.2/21

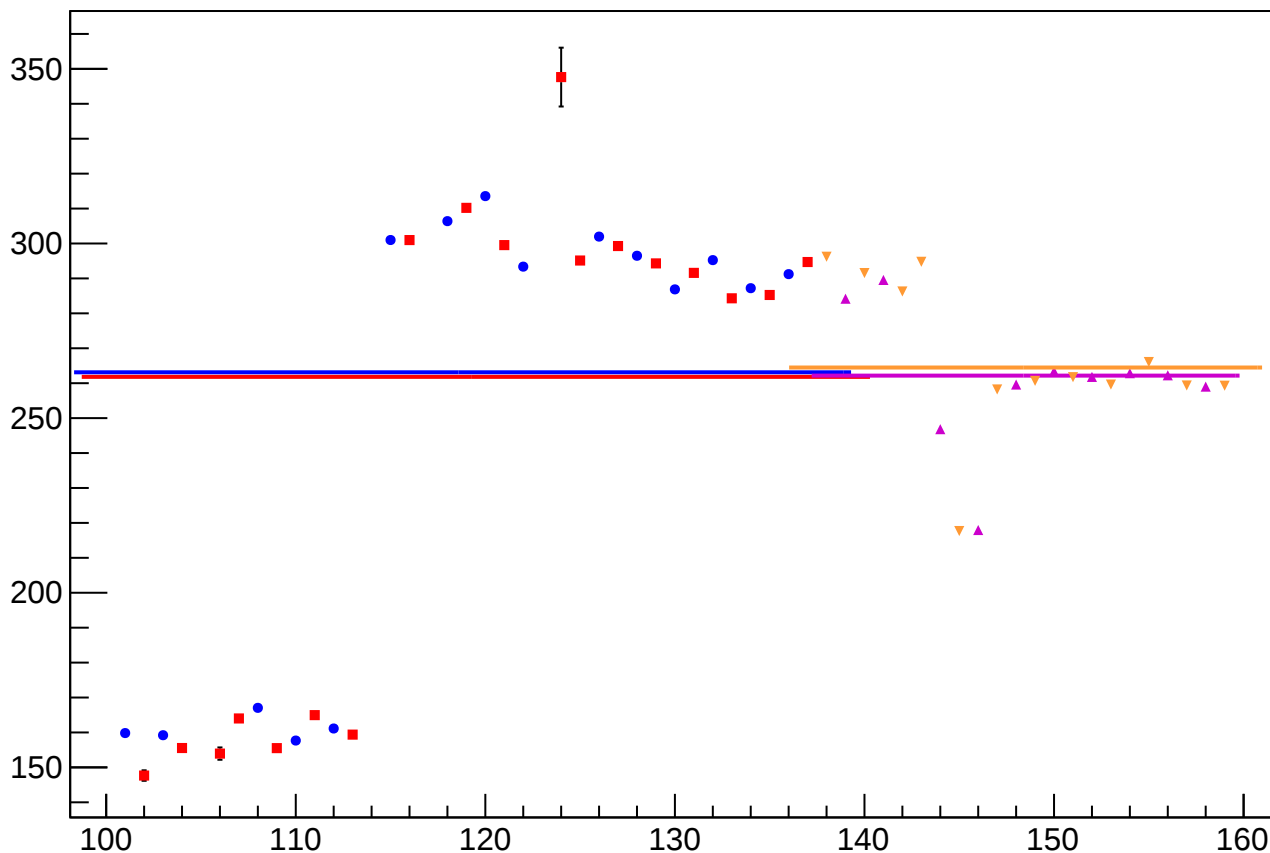
Right: -23.095 ± 0.017 χ^2/NDF : 211210.7/32

In: -21.962 ± 0.015 χ^2/NDF : 116729.8/24

Out: -19.074 ± 0.014 χ^2/NDF : 261968.2/29

All: -20.388 ± 0.010 χ^2/NDF : 398576.0/54

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 264.489+/-0.040 χ^2/NDF : 191926.1/11

Right Out: 261.814+/-0.060 χ^2/NDF : 1006189.6/17

Left In: 262.170+/-0.037 χ^2/NDF : 35682.4/9

Left: 263.234+/-0.027 χ^2/NDF : 229398.7/21

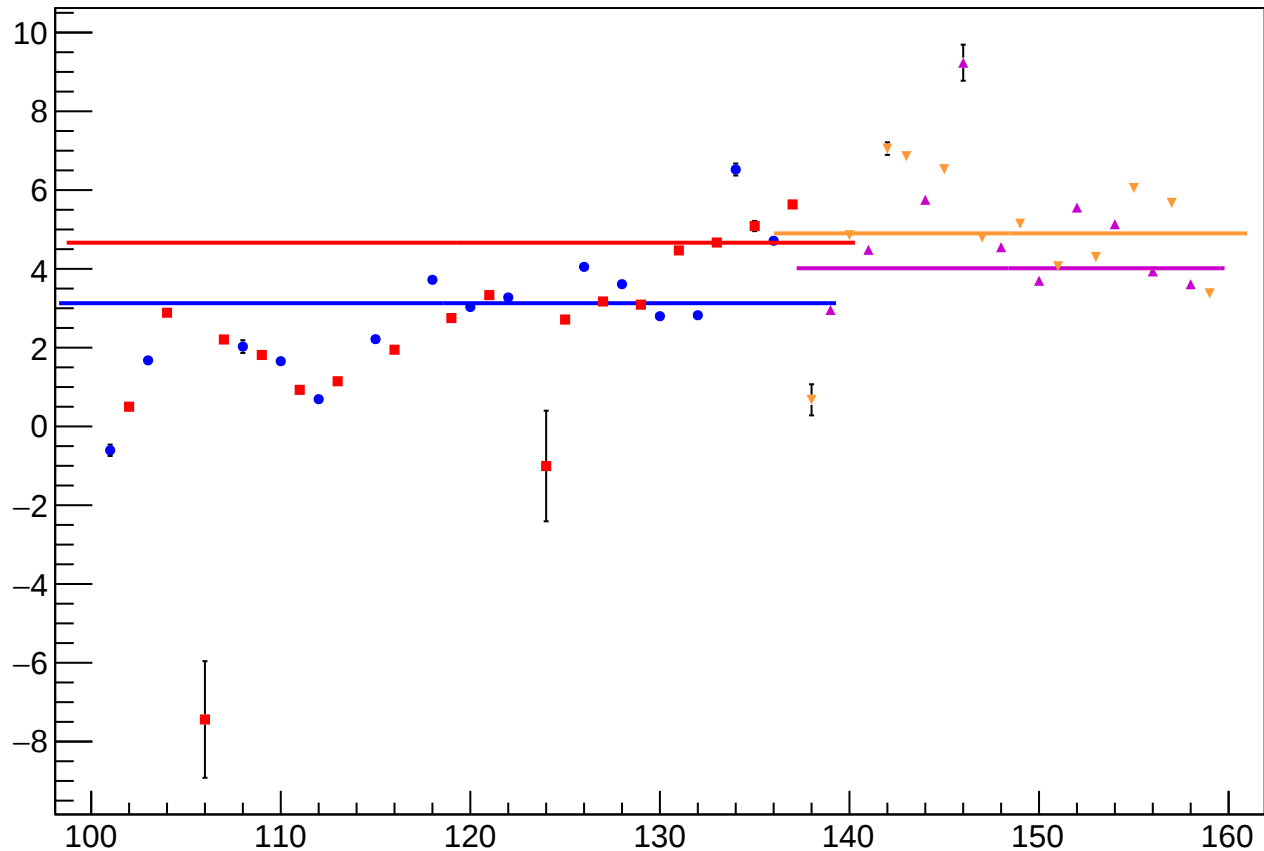
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.383+/-0.033 χ^2/NDF : 728714.7/24

Out: 263.665+/-0.034 χ^2/NDF : 1199471.3/29

All: 263.008+/-0.023 χ^2/NDF : 1928935.1/54

dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$

Left Out: 4.901 ± 0.018 $\chi^2/\text{NDF}: 2126.8/11$

Right Out: 4.664 ± 0.006 $\chi^2/\text{NDF}: 66862.5/17$

Left In: 4.016 ± 0.017 $\chi^2/\text{NDF}: 2380.1/9$

Left: 4.456 ± 0.012 $\chi^2/\text{NDF}: 5781.3/21$

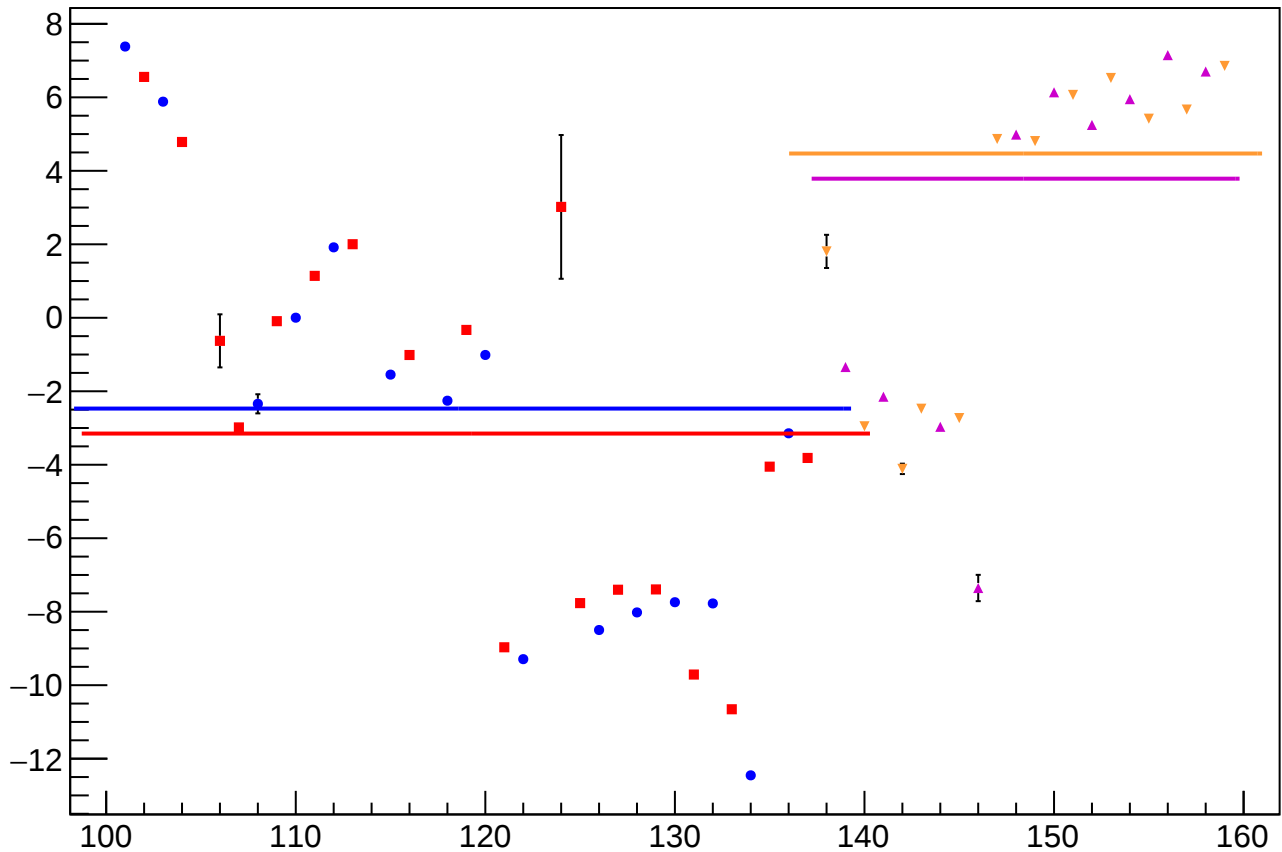
Right: 4.450 ± 0.006 $\chi^2/\text{NDF}: 80704.7/32$

In: 3.526 ± 0.012 $\chi^2/\text{NDF}: 9467.8/24$

Out: 4.692 ± 0.006 $\chi^2/\text{NDF}: 69149.6/29$

All: 4.451 ± 0.005 $\chi^2/\text{NDF}: 86486.3/54$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 $\chi^2/\text{NDF}: 242579.9/14$

Left Out: 4.471 ± 0.014 $\chi^2/\text{NDF}: 37205.4/11$

Right Out: -3.151 ± 0.007 $\chi^2/\text{NDF}: 247427.7/17$

Left In: 3.786 ± 0.015 $\chi^2/\text{NDF}: 58934.5/9$

Left: 4.150 ± 0.010 $\chi^2/\text{NDF}: 97210.6/21$

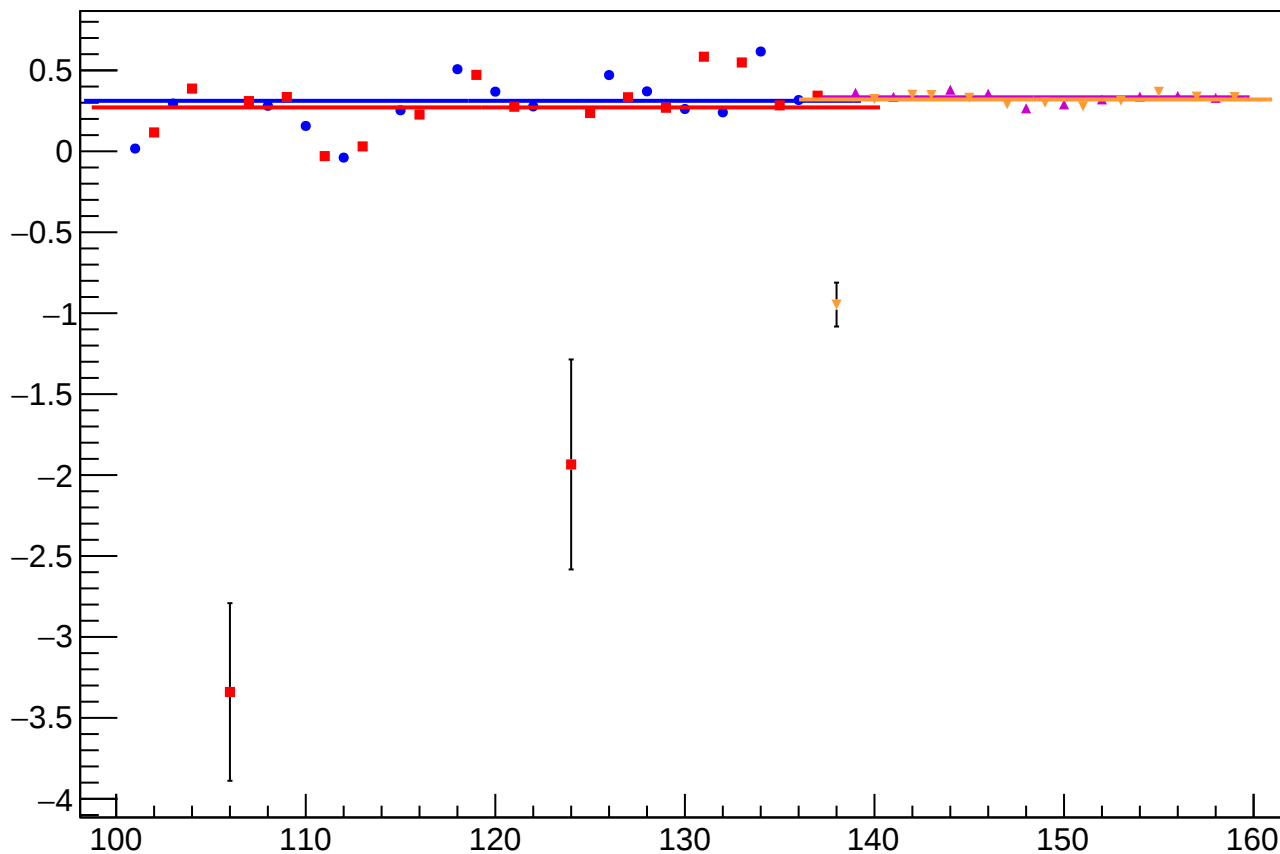
Right: -3.003 ± 0.007 $\chi^2/\text{NDF}: 491827.6/32$

In: 0.413 ± 0.010 $\chi^2/\text{NDF}: 392209.3/24$

Out: -1.535 ± 0.007 $\chi^2/\text{NDF}: 507602.8/29$

All: -0.972 ± 0.006 $\chi^2/\text{NDF}: 924962.5/54$

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.320 $\pm$ 0.001 χ^2 /NDF:1217.2/11

Right Out: 0.271 $\pm$ 0.002 χ^2 /NDF: 6144.7/17

Left In: 0.333 $\pm$ 0.001 χ^2 /NDF:1941.7/9

Left: 0.327 $\pm$ 0.001 χ^2 /NDF: 3315.7/21

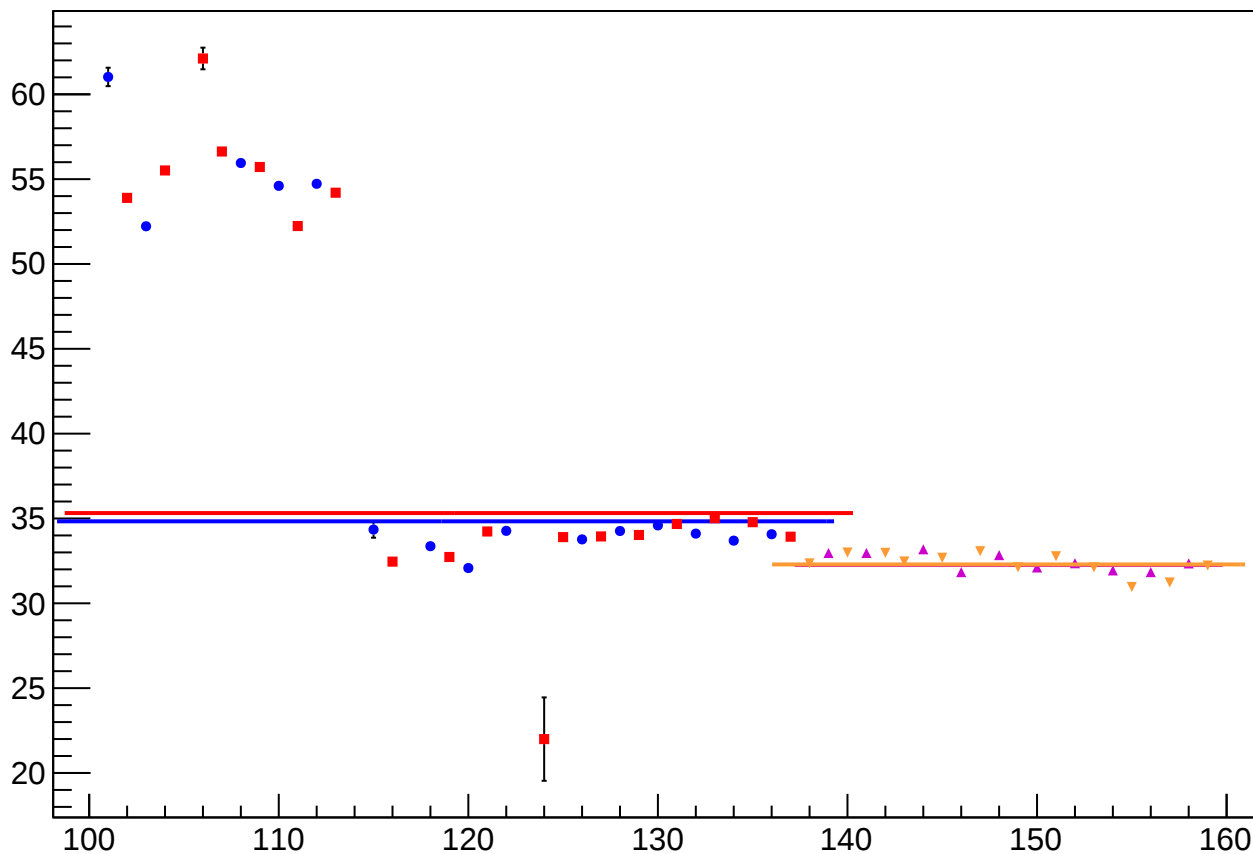
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:3470.0/24

Out: 0.315 $\pm$ 0.001 χ^2 /NDF:7839.9/29

All: 0.322 $\pm$ 0.000 χ^2 /NDF: 11495.4/54

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 ± 0.009 $\chi^2/\text{NDF}: 245568.8/14$

Left Out: 32.290 ± 0.005 $\chi^2/\text{NDF}: 3268.0/11$

Right Out: 35.319 ± 0.010 $\chi^2/\text{NDF}: 261492.0/17$

Left In: 32.256 ± 0.005 $\chi^2/\text{NDF}: 4747.9/9$

Left: 32.271 ± 0.004 $\chi^2/\text{NDF}: 8038.6/21$

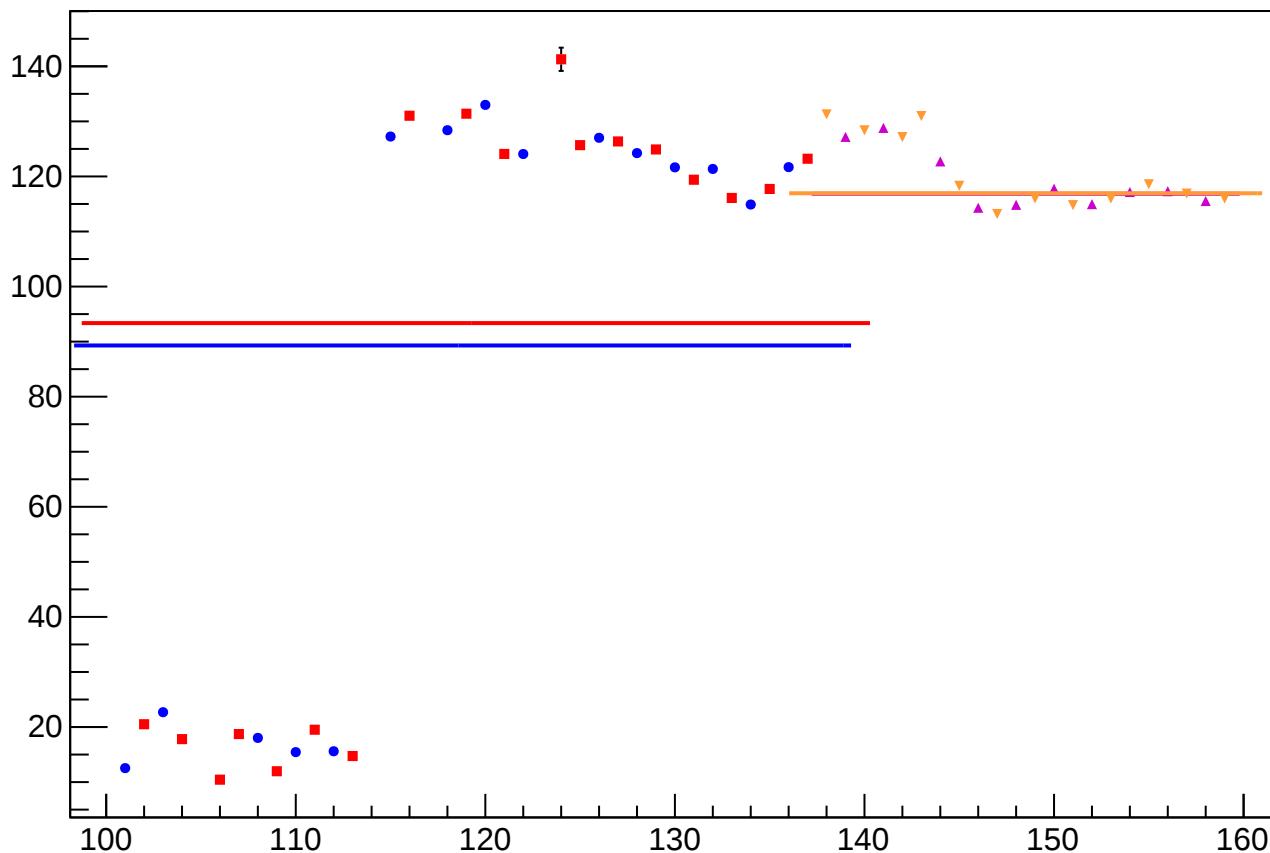
Right: 35.041 ± 0.007 $\chi^2/\text{NDF}: 508429.6/32$

In: 32.873 ± 0.004 $\chi^2/\text{NDF}: 318221.2/24$

Out: 32.974 ± 0.005 $\chi^2/\text{NDF}: 336456.6/29$

All: 32.918 ± 0.003 $\chi^2/\text{NDF}: 654934.5/54$

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302+/-0.027 χ^2/NDF : 3034485.1/14

Left Out: 116.944+/-0.010 χ^2/NDF : 118059.1/11

Right Out: 93.367+/-0.030 χ^2/NDF : 2852493.6/17

Left In: 116.850+/-0.010 χ^2/NDF : 41206.3/9

Left: 116.895+/-0.007 χ^2/NDF : 159308.0/21

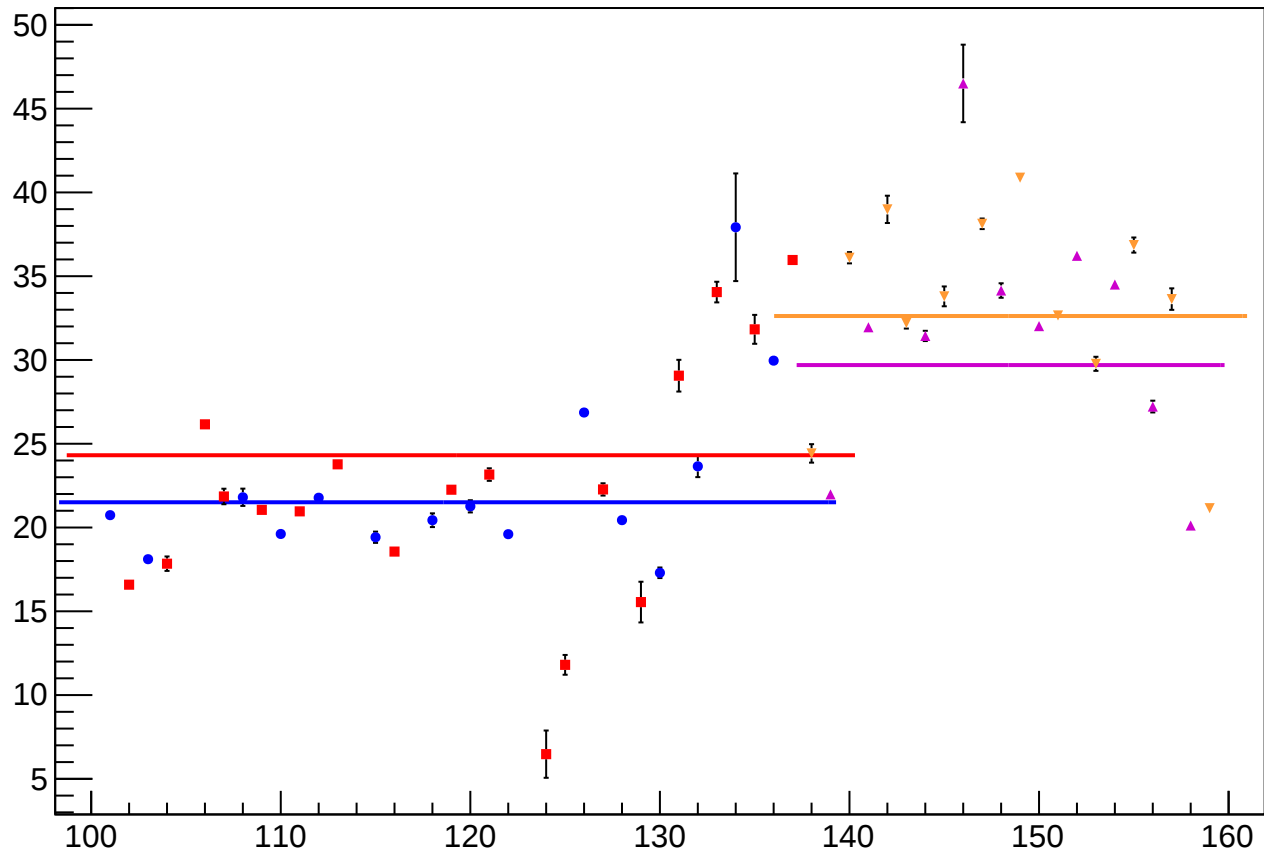
Right: 91.158+/-0.020 χ^2/NDF : 5896996.6/32

In: 113.663+/-0.009 χ^2/NDF : 3967131.9/24

Out: 114.424+/-0.010 χ^2/NDF : 3524300.3/29

All: 114.025+/-0.007 χ^2/NDF : 7494592.1/54

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 +/- 0.072 χ^2/NDF : 2963.0/14

Left Out: 32.623 +/- 0.105 χ^2/NDF : 3546.6/11

Right Out: 24.314 +/- 0.058 χ^2/NDF : 14295.4/17

Left In: 29.696 +/- 0.085 χ^2/NDF : 4047.9/9

Left: 30.860 +/- 0.066 χ^2/NDF : 8062.4/21

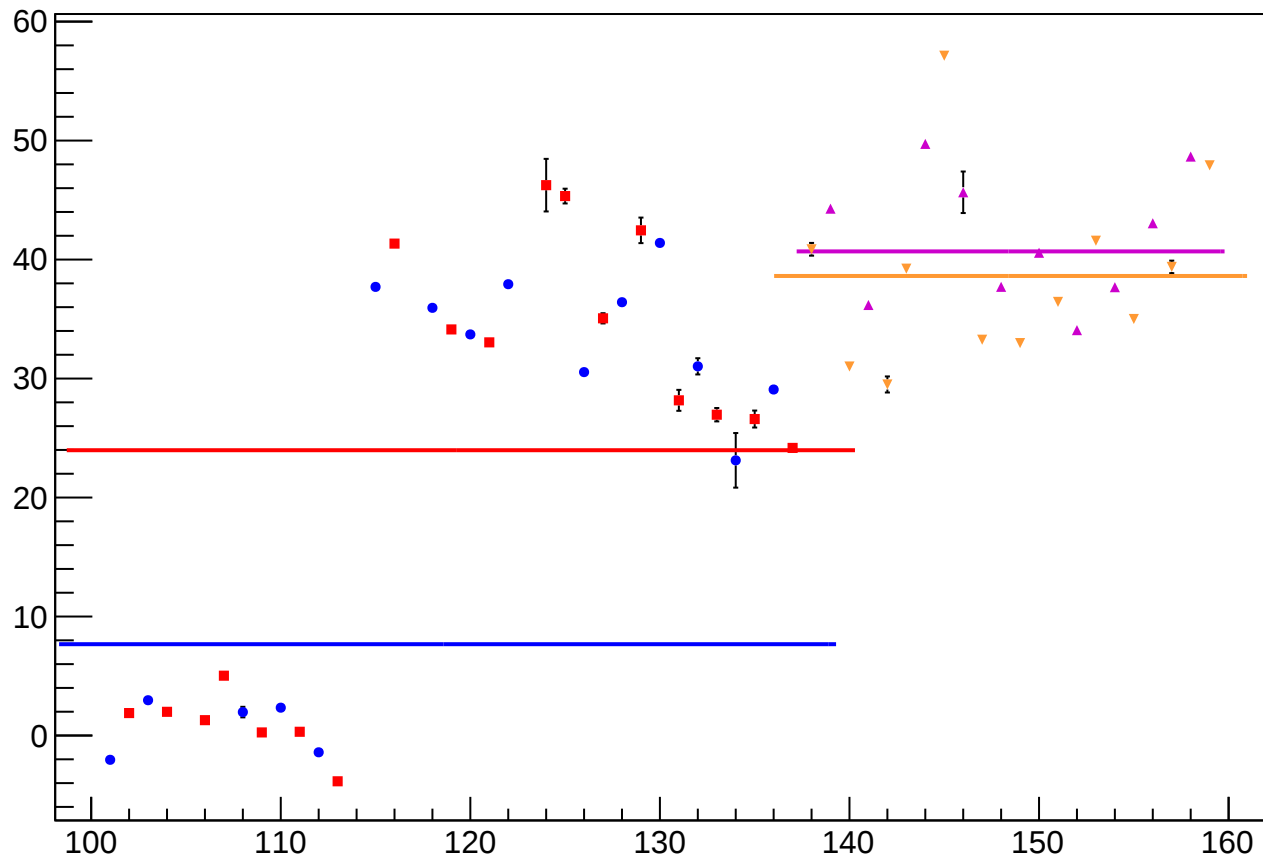
Right: 23.204 +/- 0.045 χ^2/NDF : 18169.2/32

In: 24.929 +/- 0.055 χ^2/NDF : 12368.5/24

Out: 26.279 +/- 0.051 χ^2/NDF : 22618.4/29

All: 25.656 +/- 0.037 χ^2/NDF : 35309.1/54

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 χ^2/NDF : 96442.5/14

Left Out: 38.621 ± 0.085 χ^2/NDF : 6143.3/11

Right Out: 23.977 ± 0.008 χ^2/NDF : 110564.0/17

Left In: 40.686 ± 0.071 χ^2/NDF : 3611.2/9

Left: 39.837 ± 0.055 χ^2/NDF : 10098.8/21

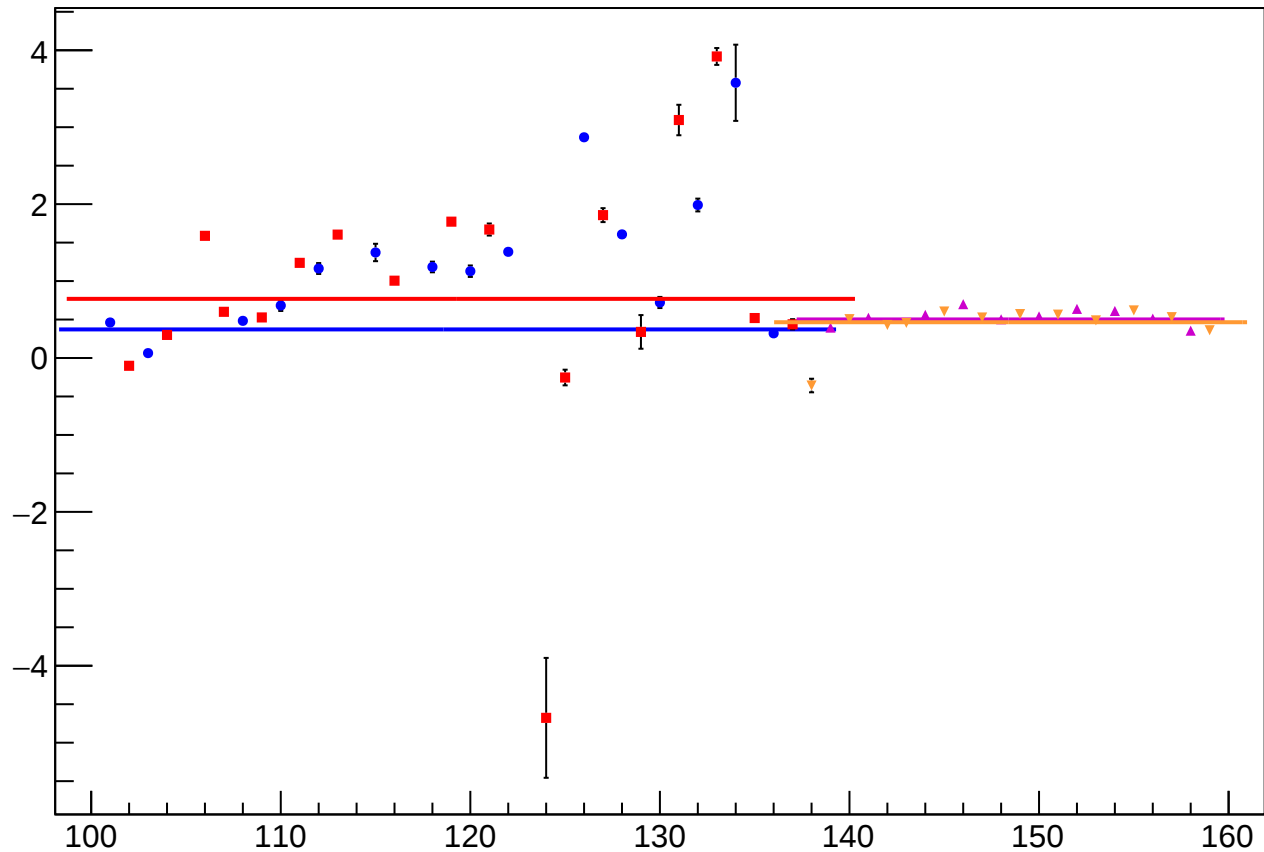
Right: 23.461 ± 0.008 χ^2/NDF : 332774.6/32

In: 17.141 ± 0.038 χ^2/NDF : 252765.2/24

Out: 24.110 ± 0.008 χ^2/NDF : 145854.9/29

All: 23.808 ± 0.008 χ^2/NDF : 430455.3/54

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372+/-0.004 χ^2/NDF : 4748.7/14

Left Out: 0.465+/-0.001 χ^2/NDF :4630.2/11

Right Out: 0.769+/-0.007 χ^2/NDF : 4137.5/17

Left In: 0.501+/-0.001 χ^2/NDF :6132.6/9

Left: 0.483+/-0.001 χ^2/NDF : 11113.6/21

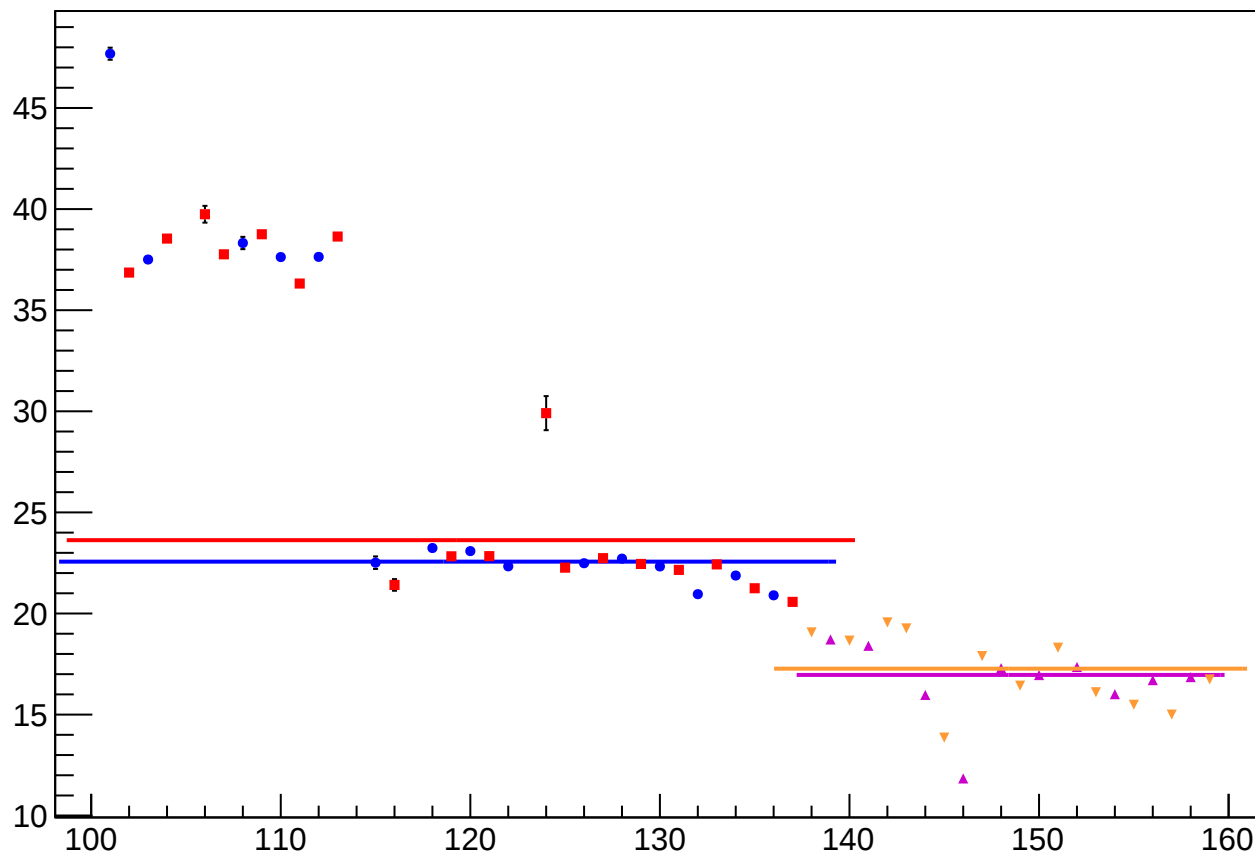
Right: 0.484+/-0.004 χ^2/NDF : 11237.9/32

In: 0.489+/-0.001 χ^2/NDF :11685.0/24

Out: 0.476+/-0.001 χ^2/NDF :10616.4/29

All: 0.483+/-0.001 χ^2/NDF : 22351.7/54

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 ± 0.010 $\chi^2/\text{NDF}: 92859.1/14$

Left Out: 17.271 ± 0.008 $\chi^2/\text{NDF}: 44197.7/11$

Right Out: 23.627 ± 0.011 $\chi^2/\text{NDF}: 123194.1/17$

Left In: 16.962 ± 0.009 $\chi^2/\text{NDF}: 12431.9/9$

Left: 17.132 ± 0.006 $\chi^2/\text{NDF}: 57337.5/21$

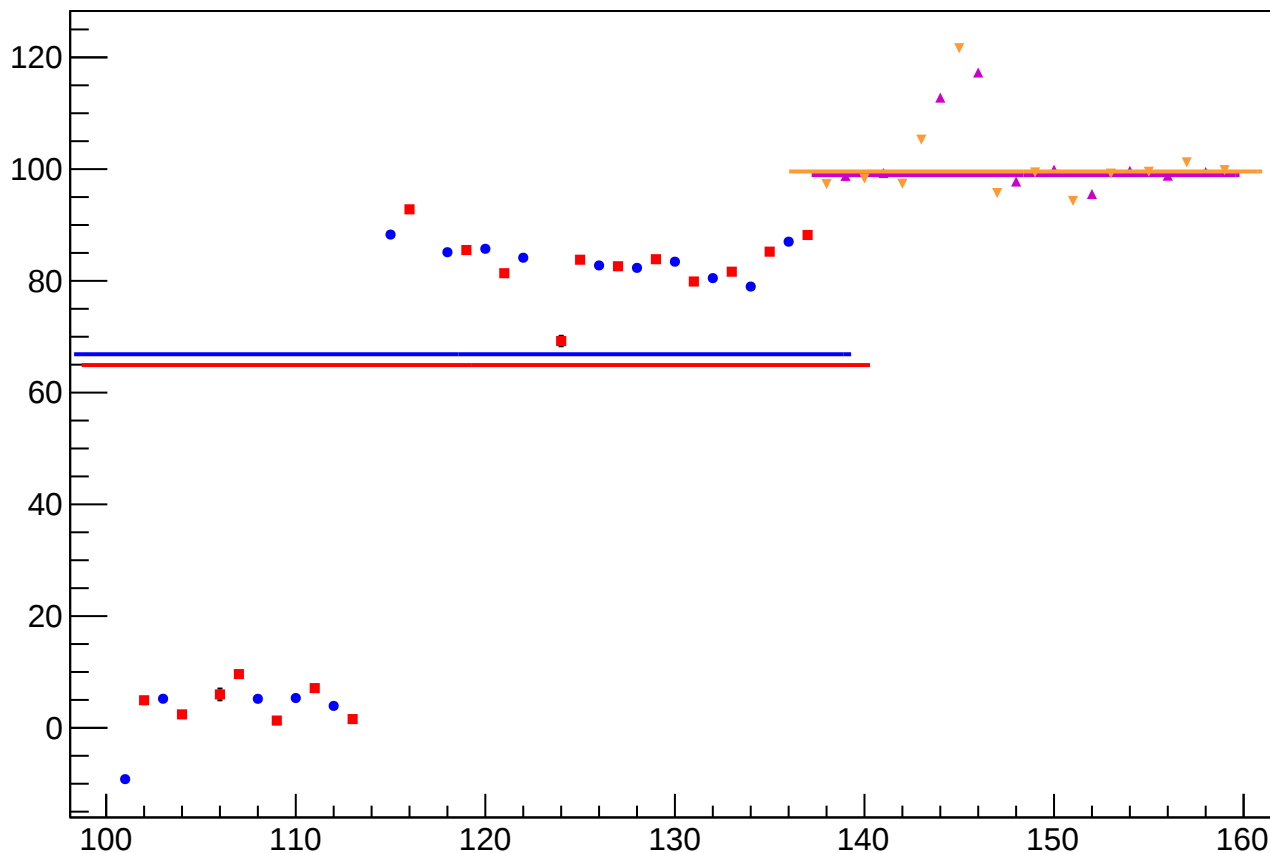
Right: 23.044 ± 0.008 $\chi^2/\text{NDF}: 220970.6/32$

In: 19.300 ± 0.007 $\chi^2/\text{NDF}: 282000.9/24$

Out: 19.341 ± 0.006 $\chi^2/\text{NDF}: 383723.4/29$

All: 19.321 ± 0.005 $\chi^2/\text{NDF}: 665743.6/54$

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.580 $\pm$ 0.015 χ^2 /NDF: 68579.7/11

Right Out: 64.929 $\pm$ 0.030 χ^2 /NDF: 1334580.7/17

Left In: 98.938 $\pm$ 0.014 χ^2 /NDF: 14834.5/9

Left: 99.248 $\pm$ 0.010 χ^2 /NDF: 84368.4/21

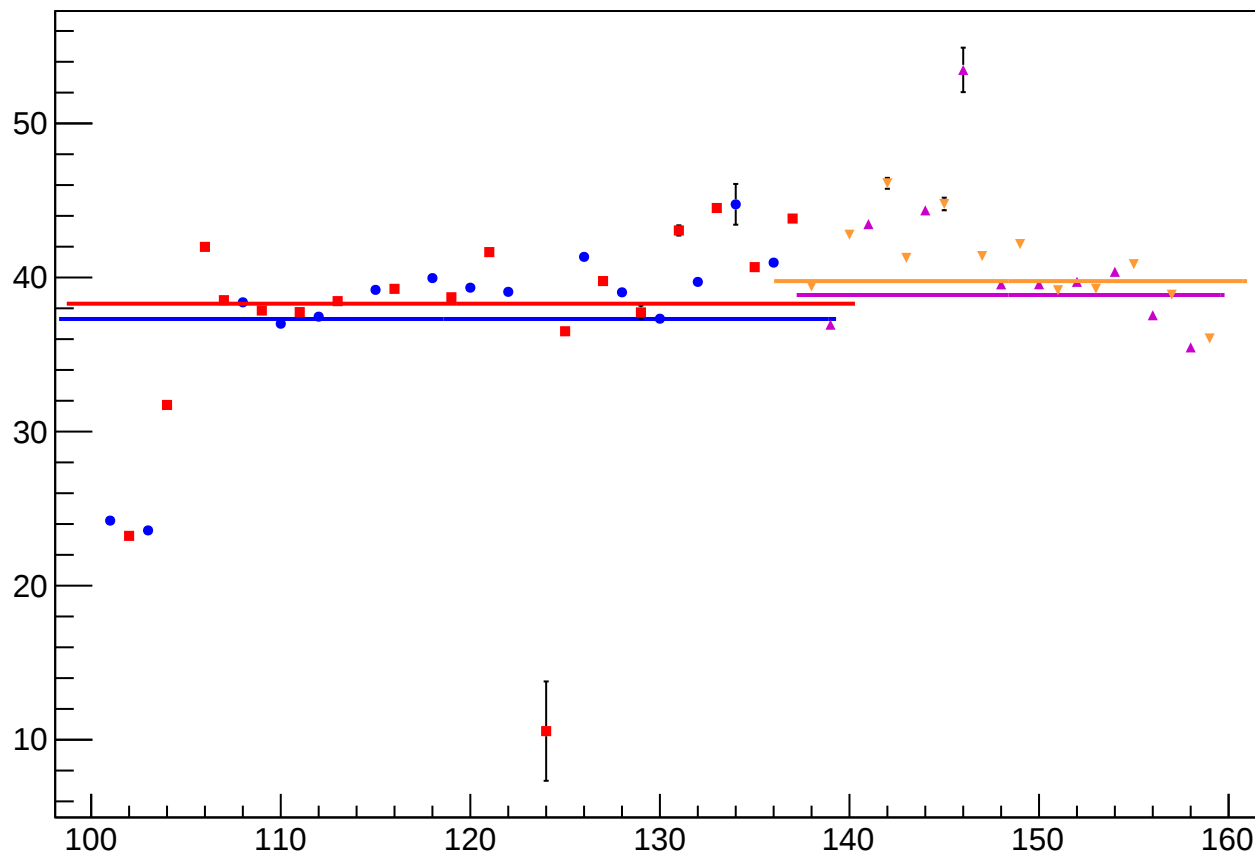
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.846 $\pm$ 0.013 χ^2 /NDF: 2603123.5/24

Out: 92.600 $\pm$ 0.013 χ^2 /NDF: 2488098.3/29

All: 92.205 $\pm$ 0.009 χ^2 /NDF: 5092893.8/54

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 $\pm$ 0.023 χ^2 /NDF: 59580.0/14

Left Out: 39.765 $\pm$ 0.040 χ^2 /NDF: 3623.7/11

Right Out: 38.300 $\pm$ 0.021 χ^2 /NDF: 18840.0/17

Left In: 38.864 $\pm$ 0.031 χ^2 /NDF: 5154.5/9

Left: 39.200 $\pm$ 0.025 χ^2 /NDF: 9090.4/21

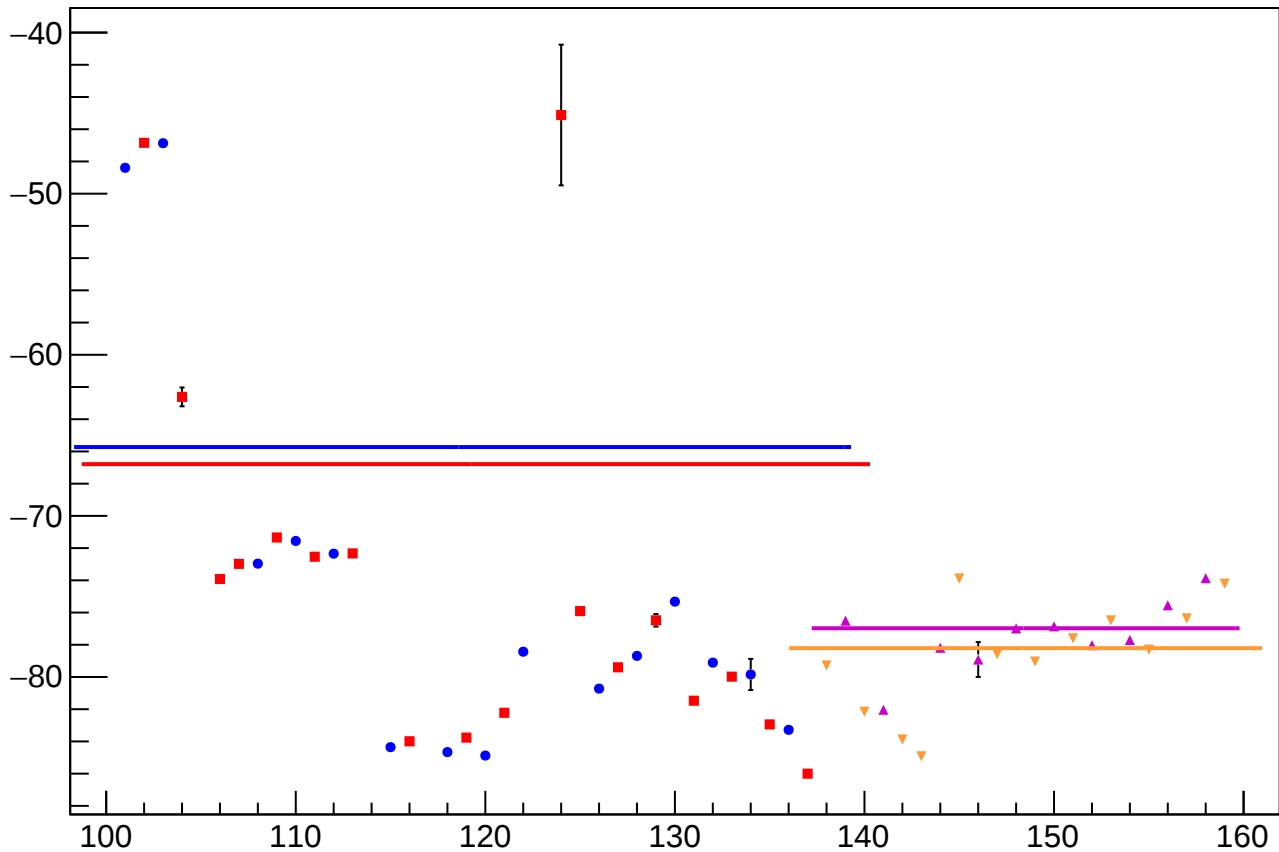
Right: 37.862 $\pm$ 0.015 χ^2 /NDF: 79451.9/32

In: 37.859 $\pm$ 0.019 χ^2 /NDF: 66343.7/24

Out: 38.600 $\pm$ 0.018 χ^2 /NDF: 23510.1/29

All: 38.235 $\pm$ 0.013 χ^2 /NDF: 90663.9/54

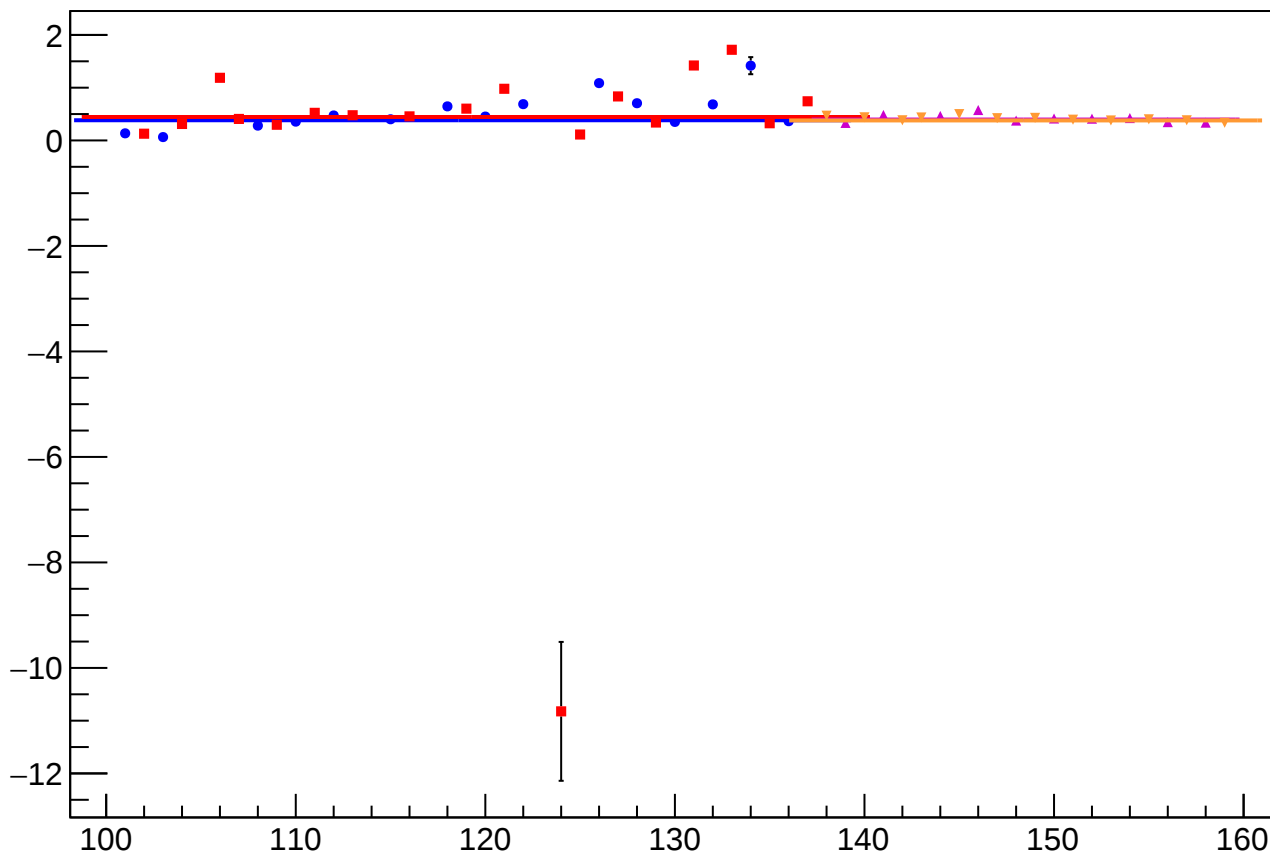
dit_sam7_4eX_slope vs Slug, Sign Corrected



Right In: -65.728 ± 0.017 χ^2/NDF : 903051.8/14
 Left Out: -78.211 ± 0.033 χ^2/NDF : 10601.5/11
 Right Out: -66.788 ± 0.016 χ^2/NDF : 809356.5/17
 Left In: -76.975 ± 0.025 χ^2/NDF : 4285.9/9

Left: -77.420 ± 0.020 χ^2/NDF : 15759.2/21
 Right: -66.292 ± 0.012 χ^2/NDF : 1714516.0/32
 In: -69.216 ± 0.014 χ^2/NDF : 1045535.1/24
 Out: -68.870 ± 0.014 χ^2/NDF : 915128.0/29
 All: -69.047 ± 0.010 χ^2/NDF : 1960962.7/54

dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383+/-0.002 χ^2/NDF : 8173.1/14

Left Out: 0.379+/-0.001 χ^2/NDF : 4962.9/11

Right Out: 0.444+/-0.004 χ^2/NDF : 2786.2/17

Left In: 0.396+/-0.001 χ^2/NDF : 5092.6/9

Left: 0.388+/-0.000 χ^2/NDF : 10435.3/21

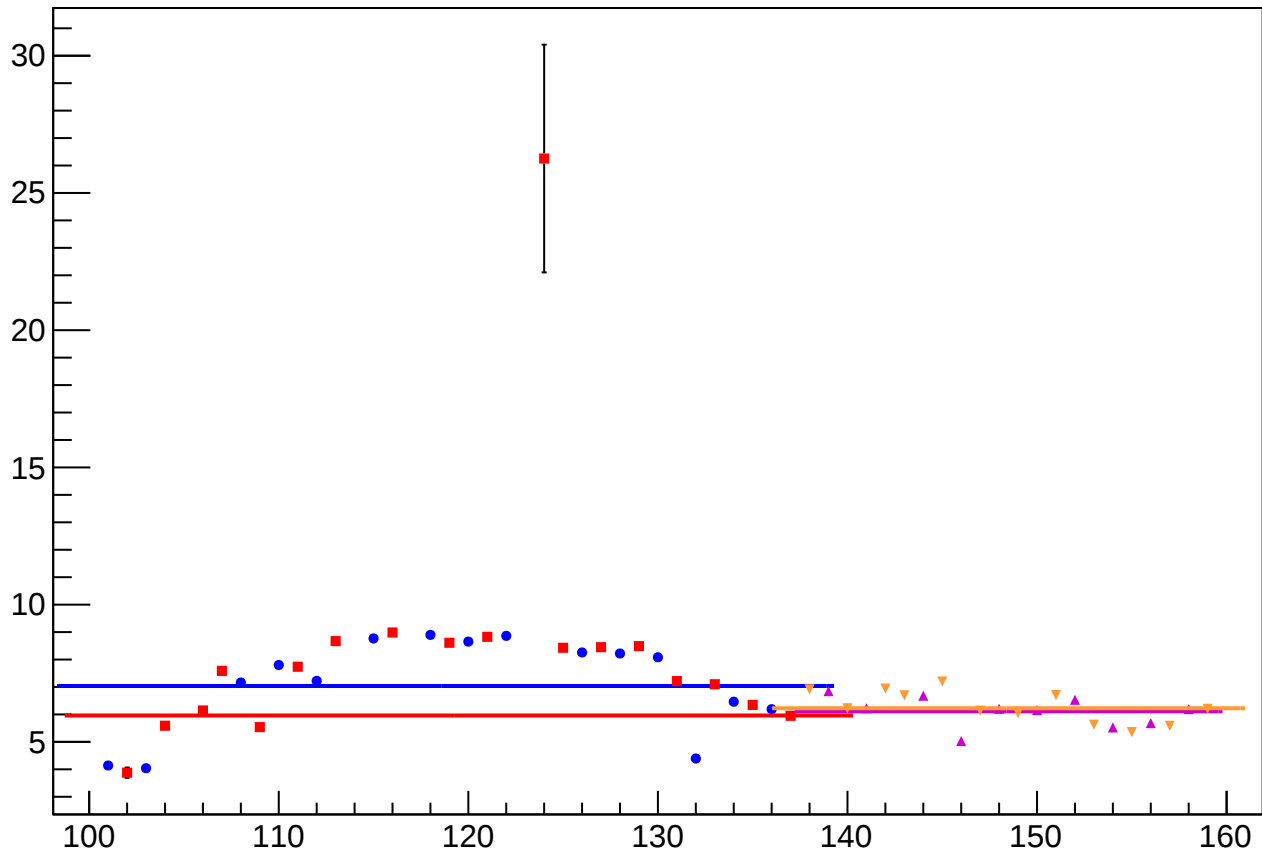
Right: 0.395+/-0.002 χ^2/NDF : 11182.8/32

In: 0.395+/-0.001 χ^2/NDF : 13311.7/24

Out: 0.381+/-0.001 χ^2/NDF : 8055.4/29

All: 0.388+/-0.000 χ^2/NDF : 21637.6/54

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.226+/-0.002 χ^2/NDF : 24701.2/11

Right Out: 5.962+/-0.000 χ^2/NDF : 168372.8/17

Left In: 6.114+/-0.002 χ^2/NDF : 27710.7/9

Left: 6.167+/-0.001 χ^2/NDF : 53963.8/21

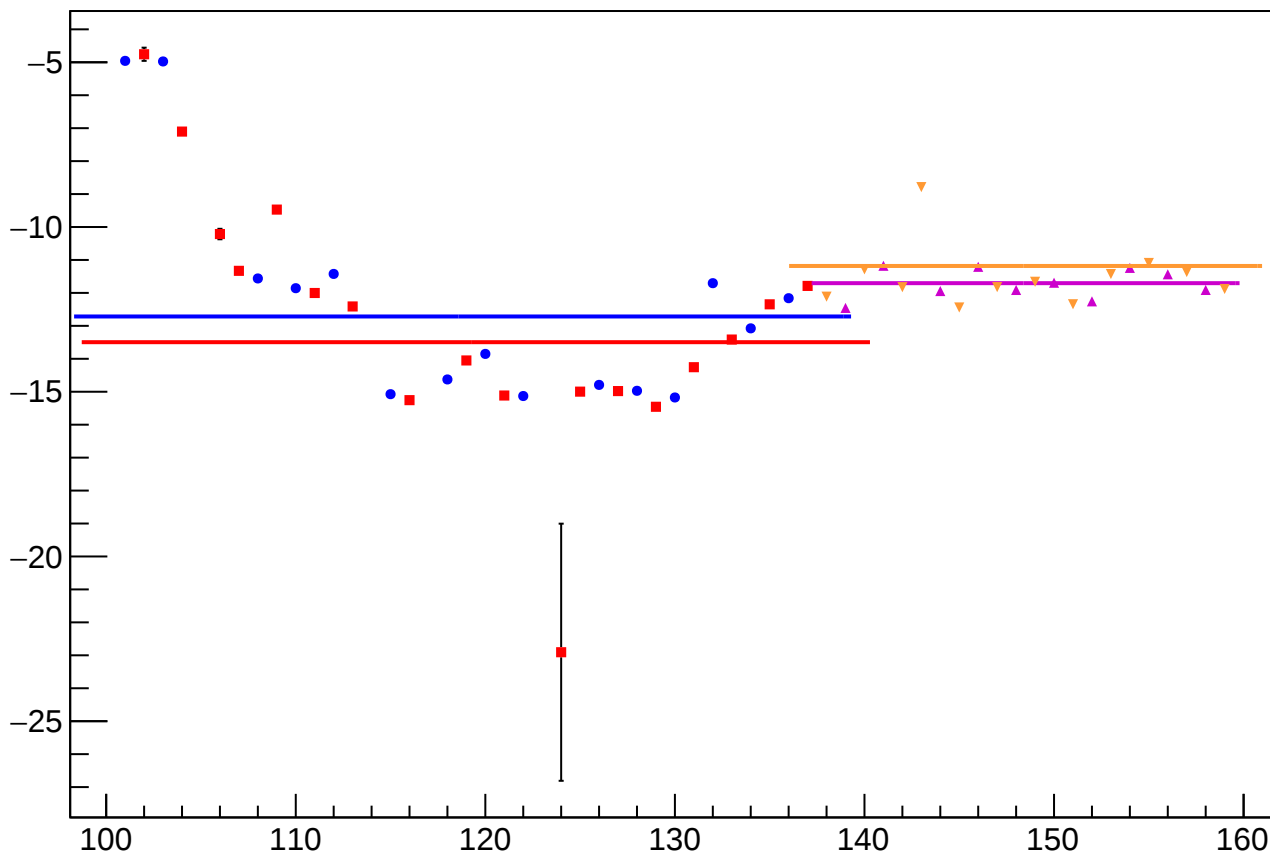
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.260+/-0.002 χ^2/NDF : 132642.2/24

Out: 5.972+/-0.000 χ^2/NDF : 209049.3/29

All: 5.985+/-0.000 χ^2/NDF : 366132.7/54

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -11.182 ± 0.003 χ^2/NDF : 191295.9/11

Right Out: -13.496 ± 0.006 χ^2/NDF : 55753.8/17

Left In: -11.704 ± 0.003 χ^2/NDF : 12085.4/9

Left: -11.455 ± 0.002 χ^2/NDF : 222139.1/21

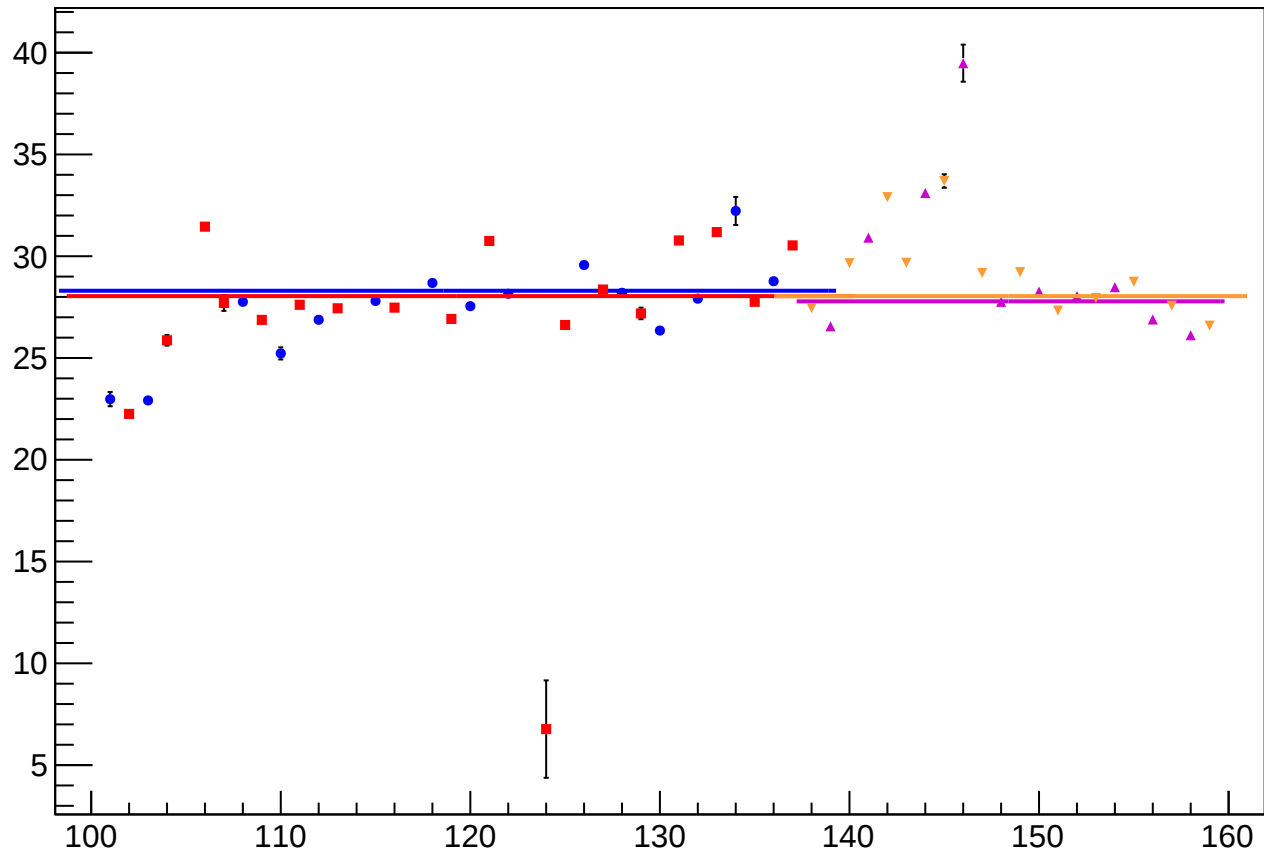
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.852 ± 0.002 χ^2/NDF : 118760.4/24

Out: -11.606 ± 0.002 χ^2/NDF : 376502.1/29

All: -11.732 ± 0.002 χ^2/NDF : 500239.0/54

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.040 $\pm$ 0.023 χ^2 /NDF:3306.2/11

Right Out: 28.040 $\pm$ 0.030 χ^2 /NDF: 2561.5/17

Left In: 27.783 $\pm$ 0.020 χ^2 /NDF:4396.8/9

Left: 27.891 $\pm$ 0.015 χ^2 /NDF: 7774.2/21

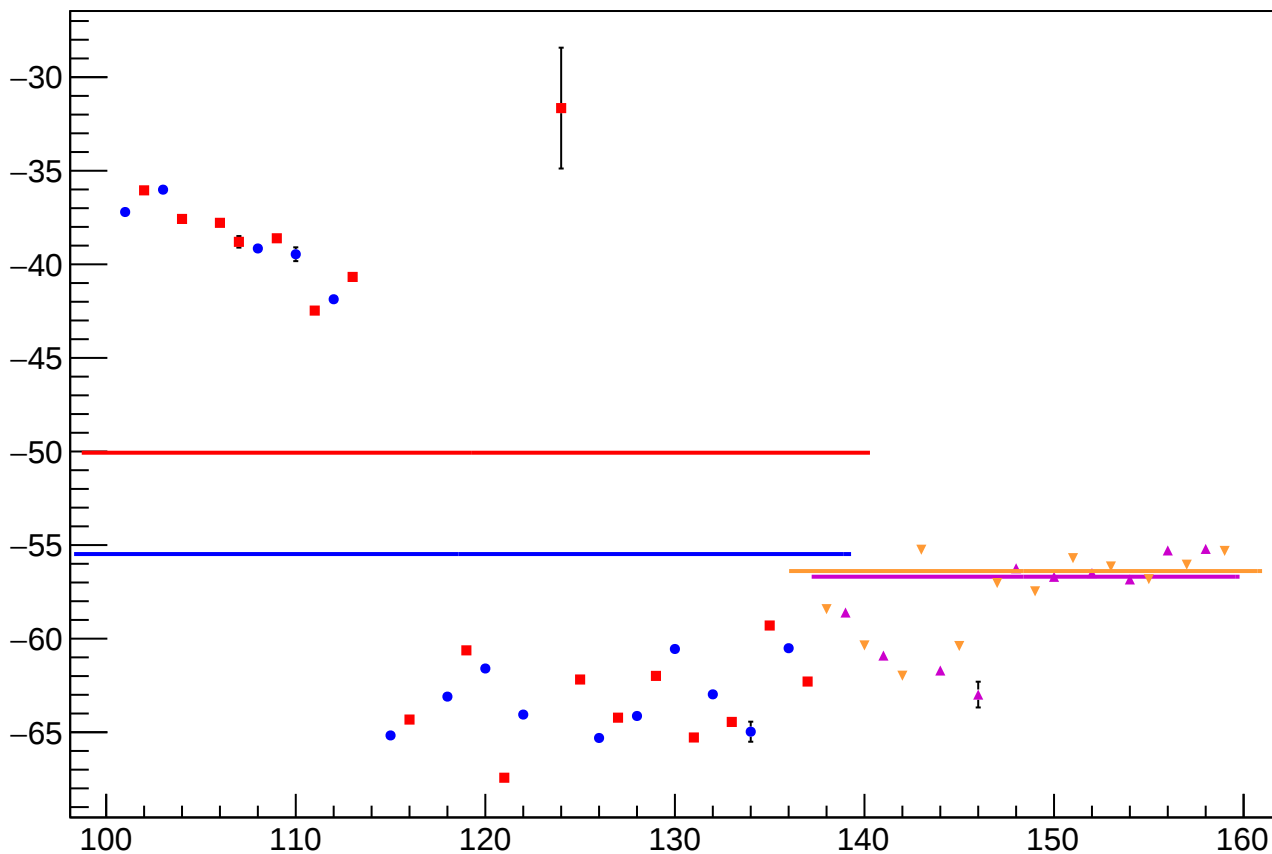
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.003 $\pm$ 0.015 χ^2 /NDF:8091.3/24

Out: 28.040 $\pm$ 0.018 χ^2 /NDF:5867.7/29

All: 28.017 $\pm$ 0.012 χ^2 /NDF: 13961.4/54

dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$

Left Out: -56.388 ± 0.020 $\chi^2/\text{NDF}: 5555.4/11$

Right Out: -50.065 ± 0.023 $\chi^2/\text{NDF}: 340098.3/17$

Left In: -56.691 ± 0.017 $\chi^2/\text{NDF}: 6861.9/9$

Left: -56.565 ± 0.013 $\chi^2/\text{NDF}: 12554.2/21$

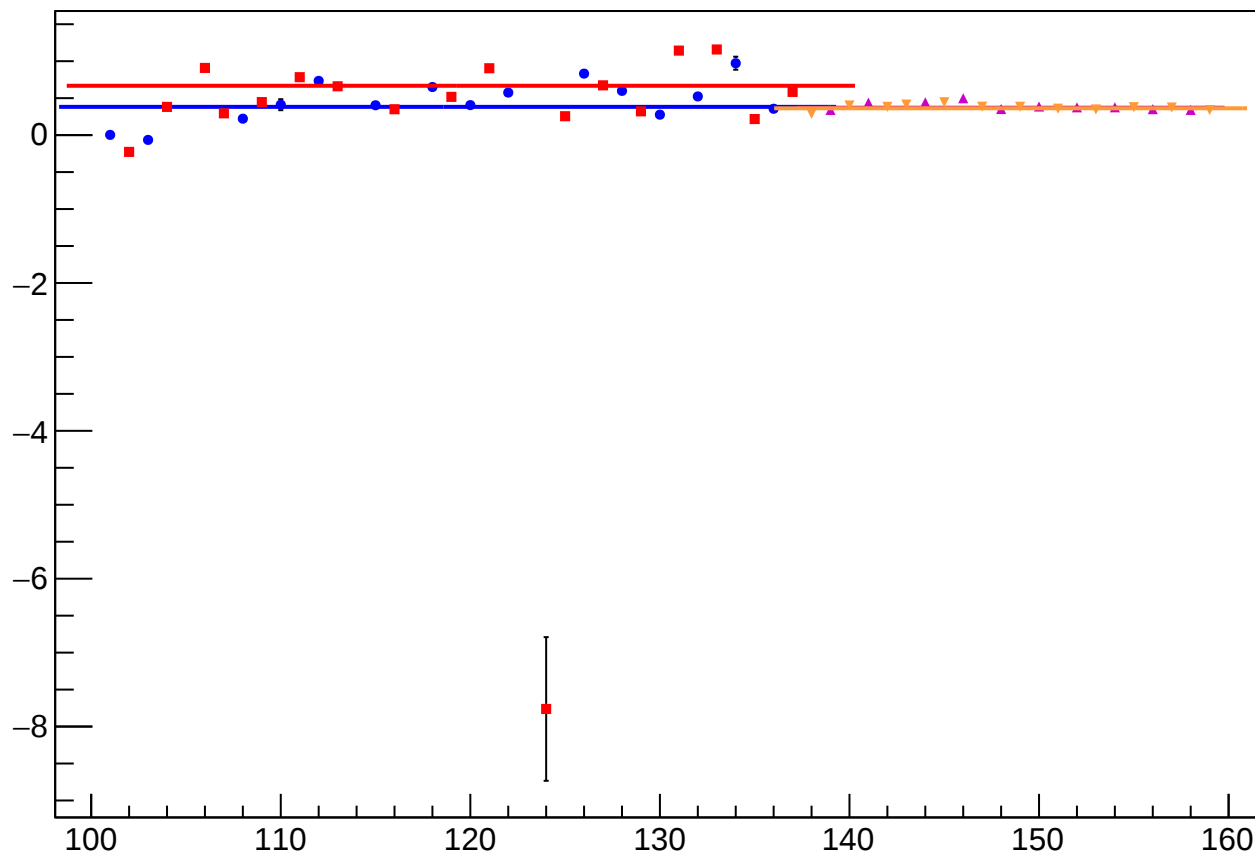
Right: -53.644 ± 0.013 $\chi^2/\text{NDF}: 971470.1/32$

In: -56.083 ± 0.012 $\chi^2/\text{NDF}: 604662.8/24$

Out: -53.722 ± 0.015 $\chi^2/\text{NDF}: 388887.1/29$

All: -55.187 ± 0.009 $\chi^2/\text{NDF}: 1008893.9/54$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.002 χ^2 /NDF: 4595.8/14

Left Out: 0.363 $\pm$ 0.000 χ^2 /NDF:3425.4/11

Right Out: 0.668 $\pm$ 0.005 χ^2 /NDF: 3704.8/17

Left In: 0.371 $\pm$ 0.000 χ^2 /NDF:3527.7/9

Left: 0.367 $\pm$ 0.000 χ^2 /NDF: 7103.8/21

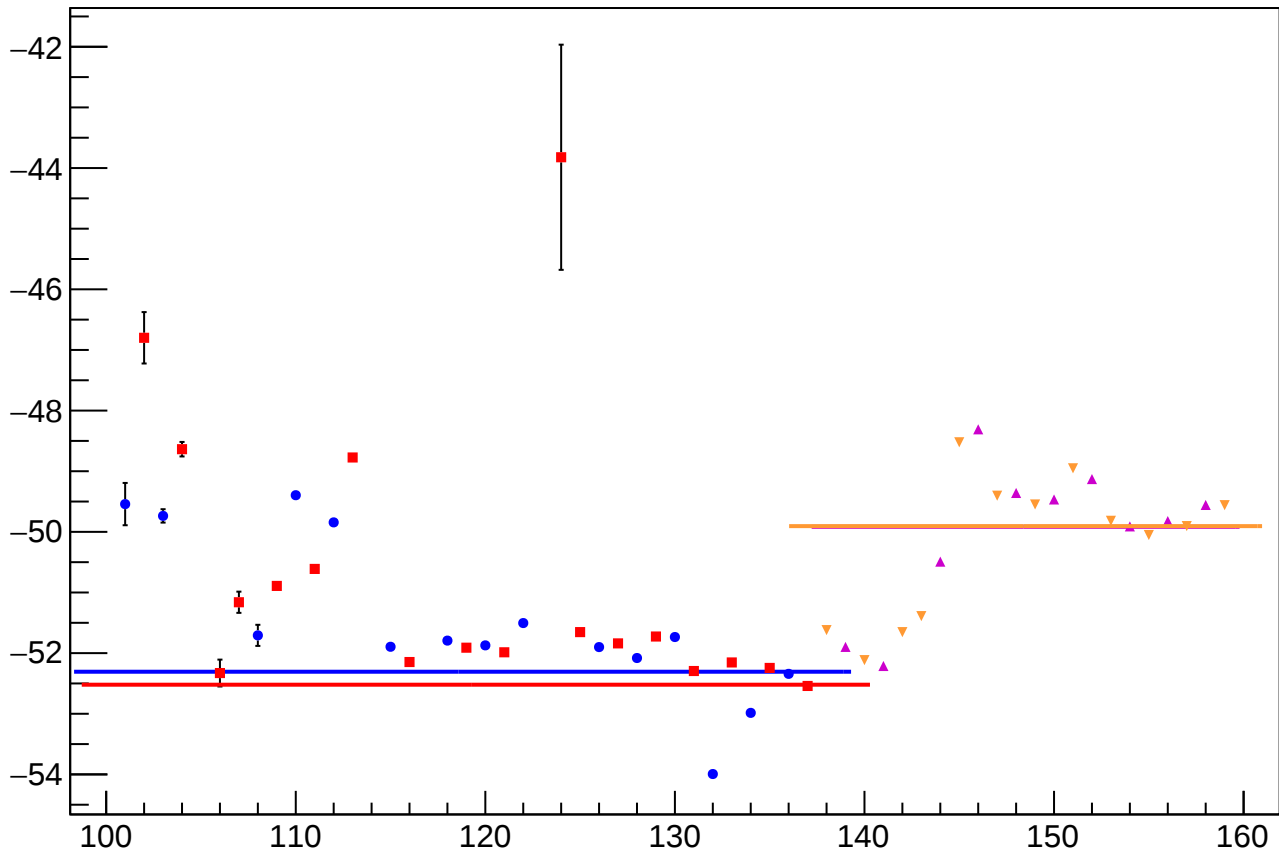
Right: 0.413 $\pm$ 0.002 χ^2 /NDF: 11721.4/32

In: 0.371 $\pm$ 0.000 χ^2 /NDF:8173.7/24

Out: 0.366 $\pm$ 0.000 χ^2 /NDF:11462.4/29

All: 0.369 $\pm$ 0.000 χ^2 /NDF: 19719.3/54

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 $\chi^2/\text{NDF}: 25427.4/14$

Left Out: -49.906 ± 0.002 $\chi^2/\text{NDF}: 158891.5/11$

Right Out: -52.521 ± 0.001 $\chi^2/\text{NDF}: 14961.7/17$

Left In: -49.917 ± 0.002 $\chi^2/\text{NDF}: 224230.1/9$

Left: -49.911 ± 0.001 $\chi^2/\text{NDF}: 383139.3/21$

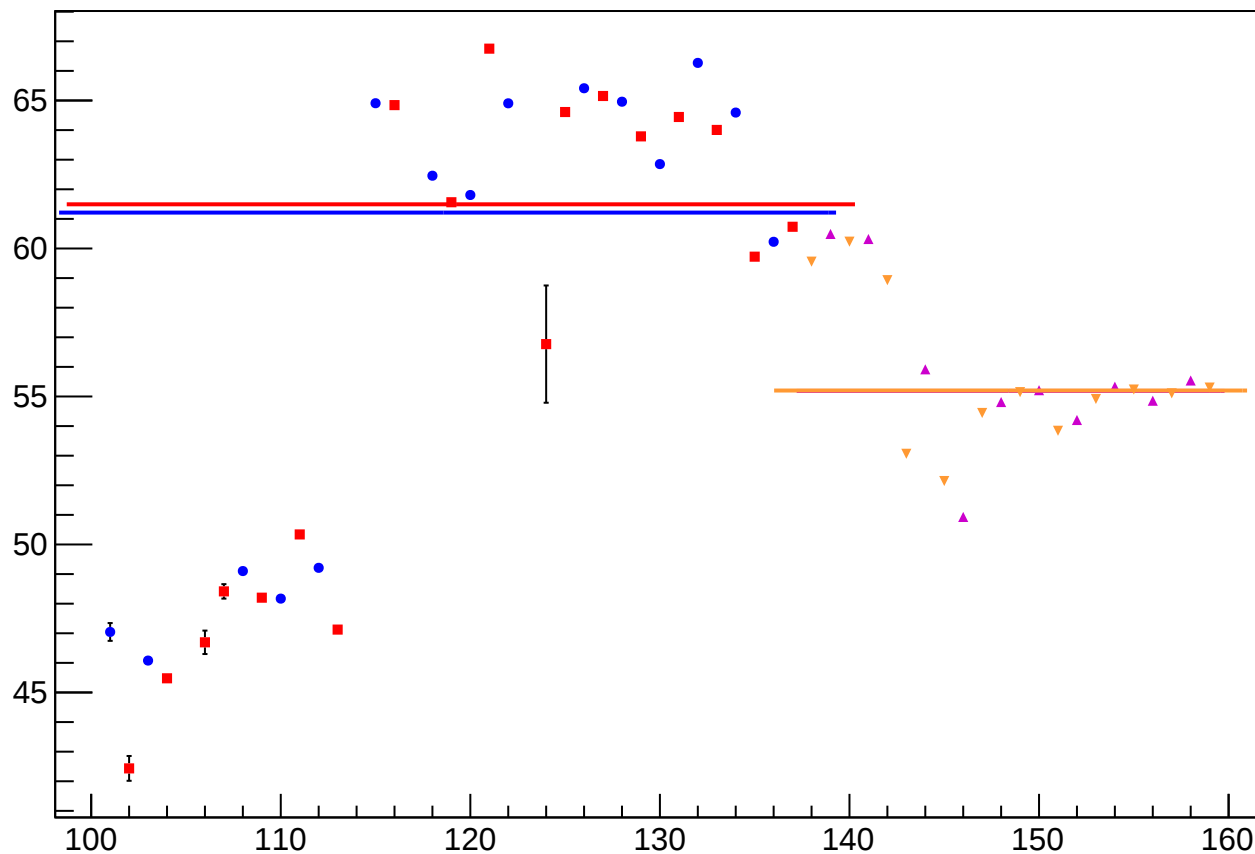
Right: -52.505 ± 0.001 $\chi^2/\text{NDF}: 43203.2/32$

In: -50.366 ± 0.002 $\chi^2/\text{NDF}: 557706.6/24$

Out: -51.862 ± 0.001 $\chi^2/\text{NDF}: 1589785.5/29$

All: -51.497 ± 0.001 $\chi^2/\text{NDF}: 2746400.8/54$

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 ± 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.201 ± 0.004 χ^2/NDF : 194629.3/11

Right Out: 61.493 ± 0.007 χ^2/NDF : 243479.8/17

Left In: 55.187 ± 0.003 χ^2/NDF : 60920.4/9

Left: 55.193 ± 0.003 χ^2/NDF : 255558.0/21

Right: 61.405 ± 0.006 χ^2/NDF : 400649.5/32

In: 55.794 ± 0.003 χ^2/NDF : 548871.8/24

Out: 56.751 ± 0.003 χ^2/NDF : 1099317.5/29

All: 56.246 ± 0.002 χ^2/NDF : 1691707.8/54

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

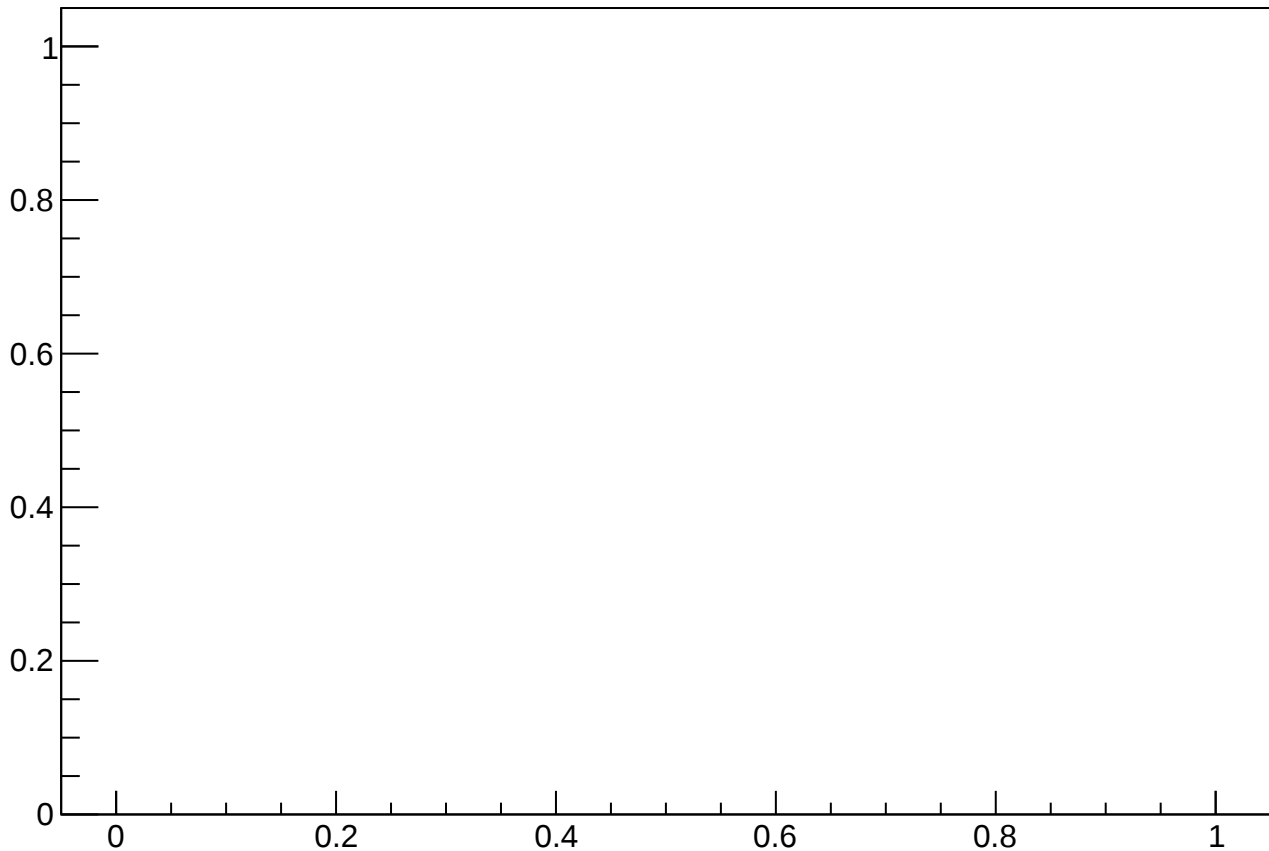
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

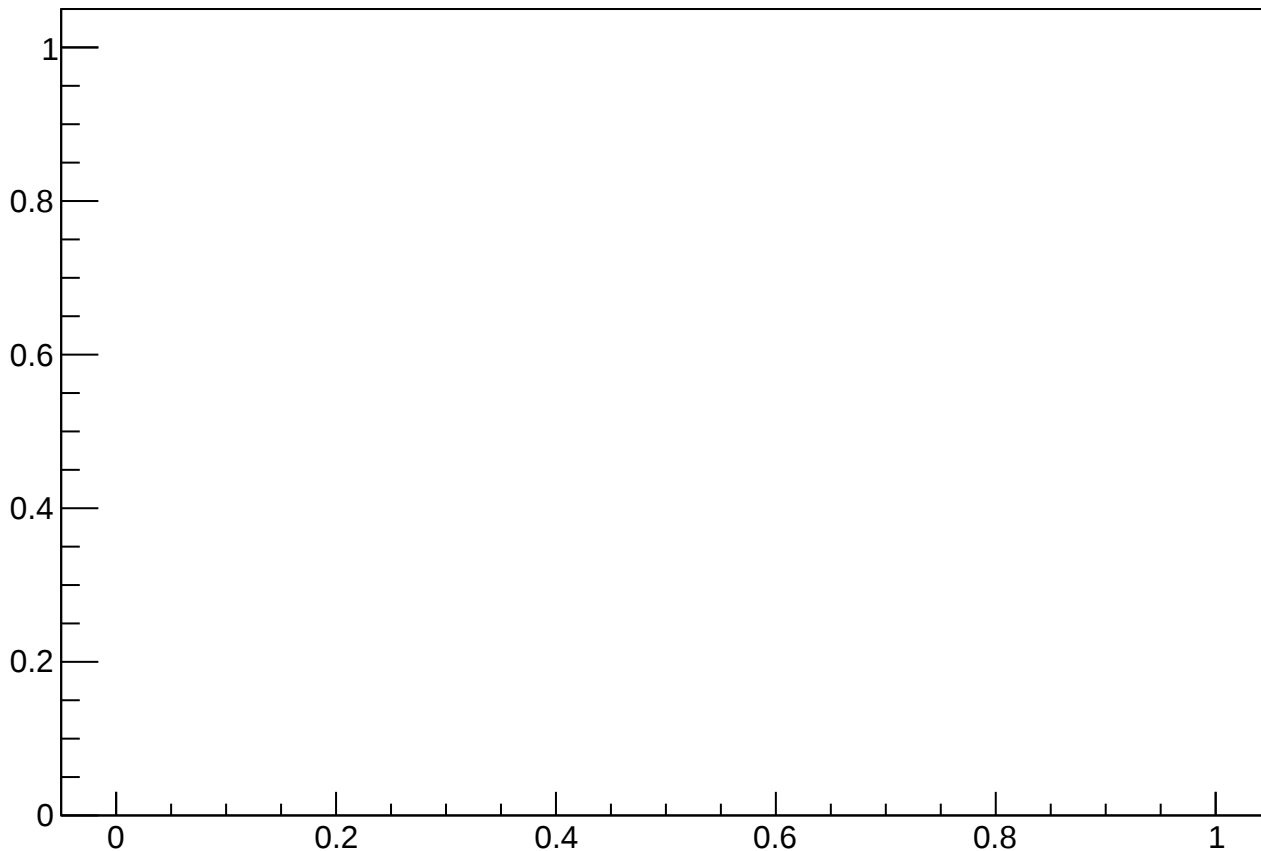
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

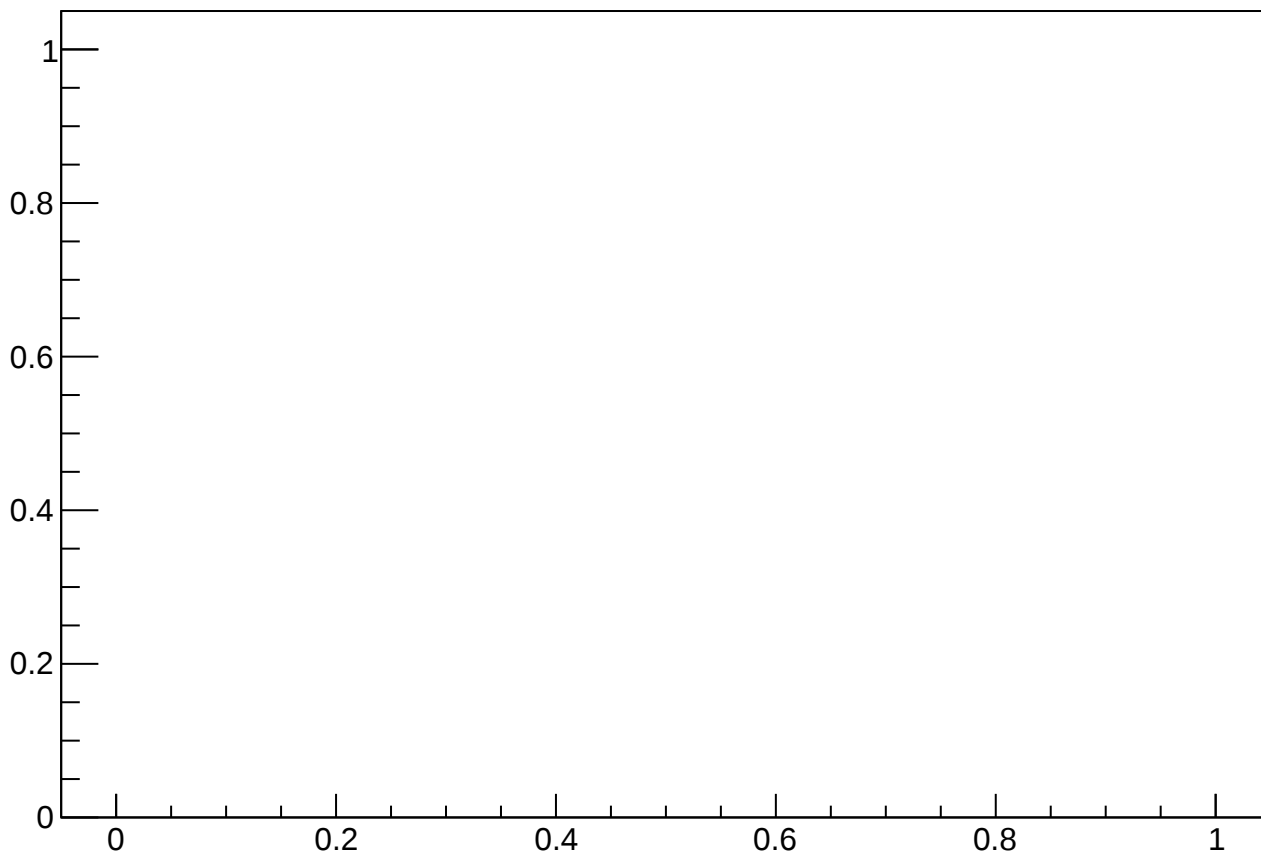
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

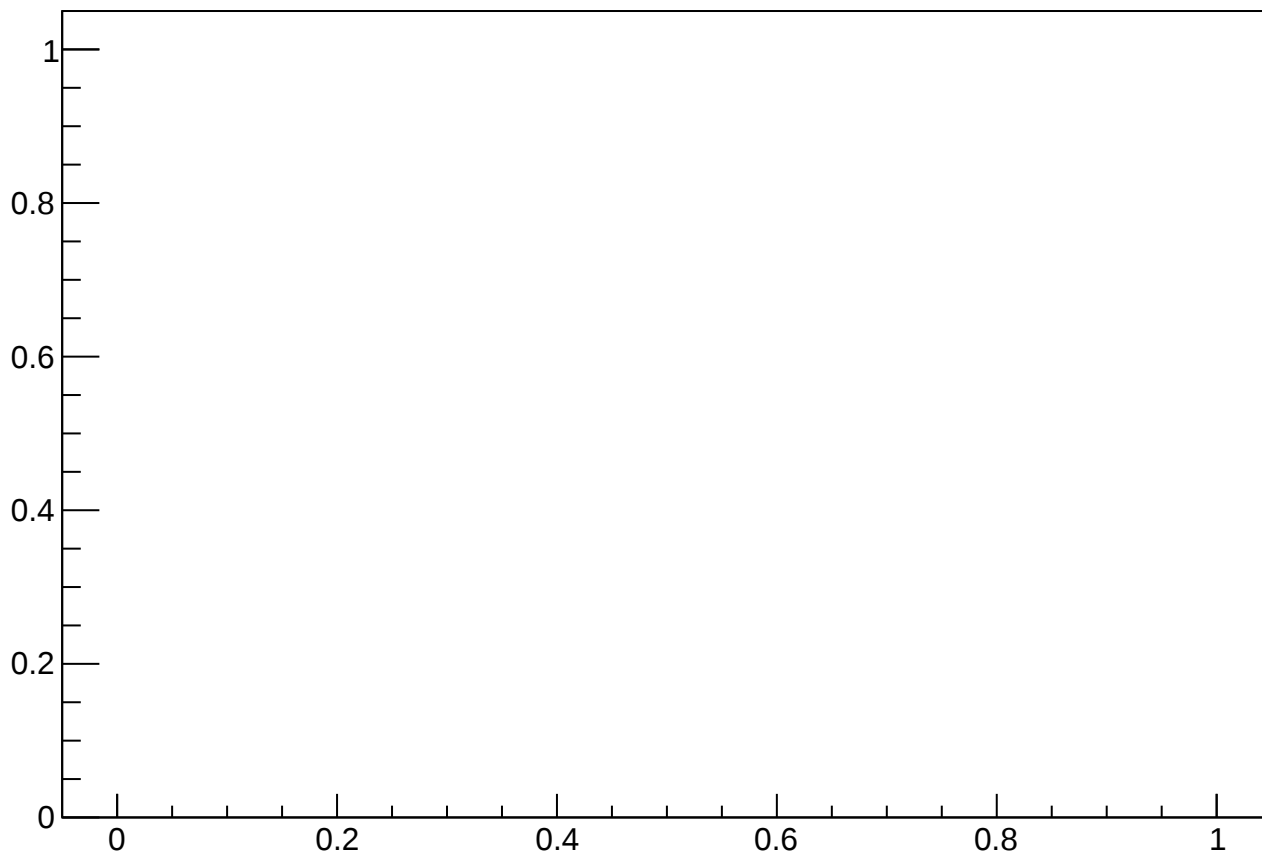
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

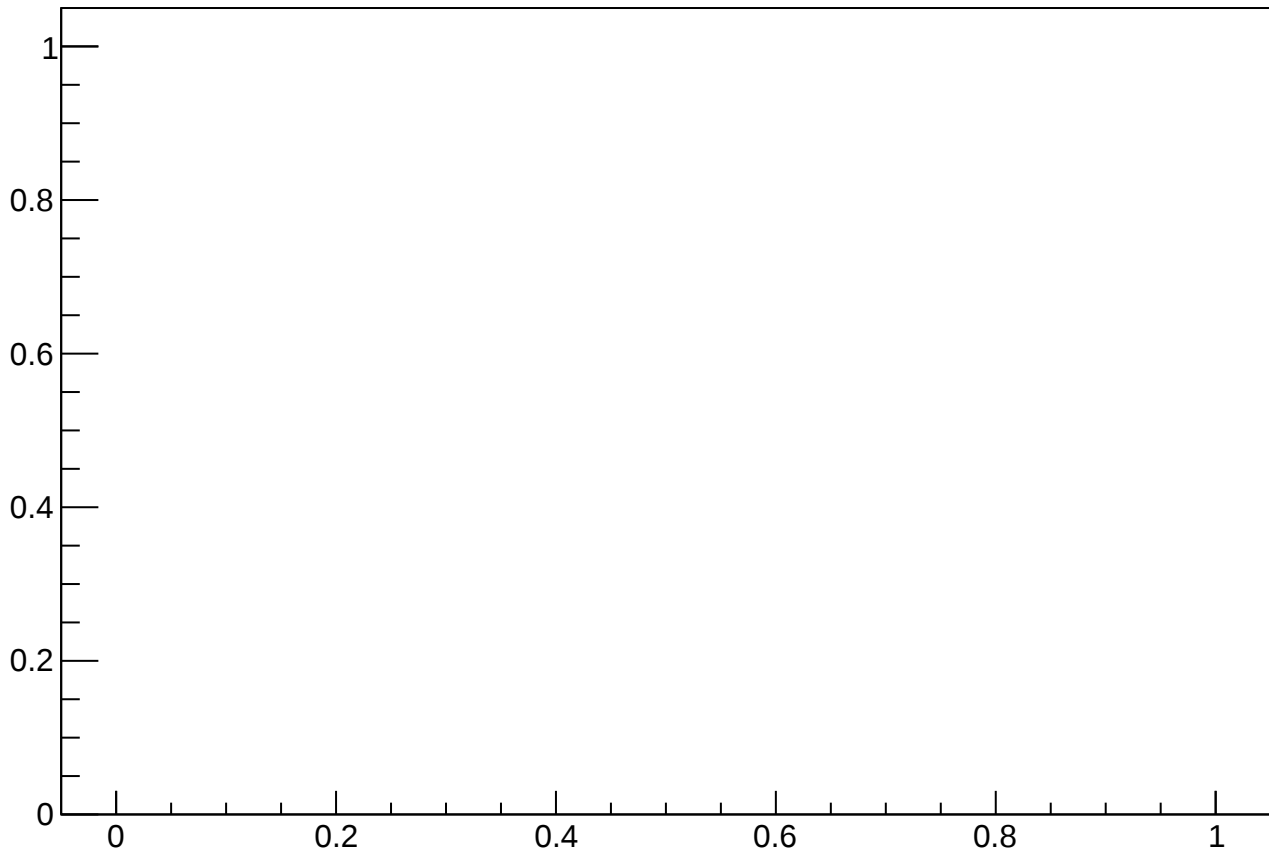
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

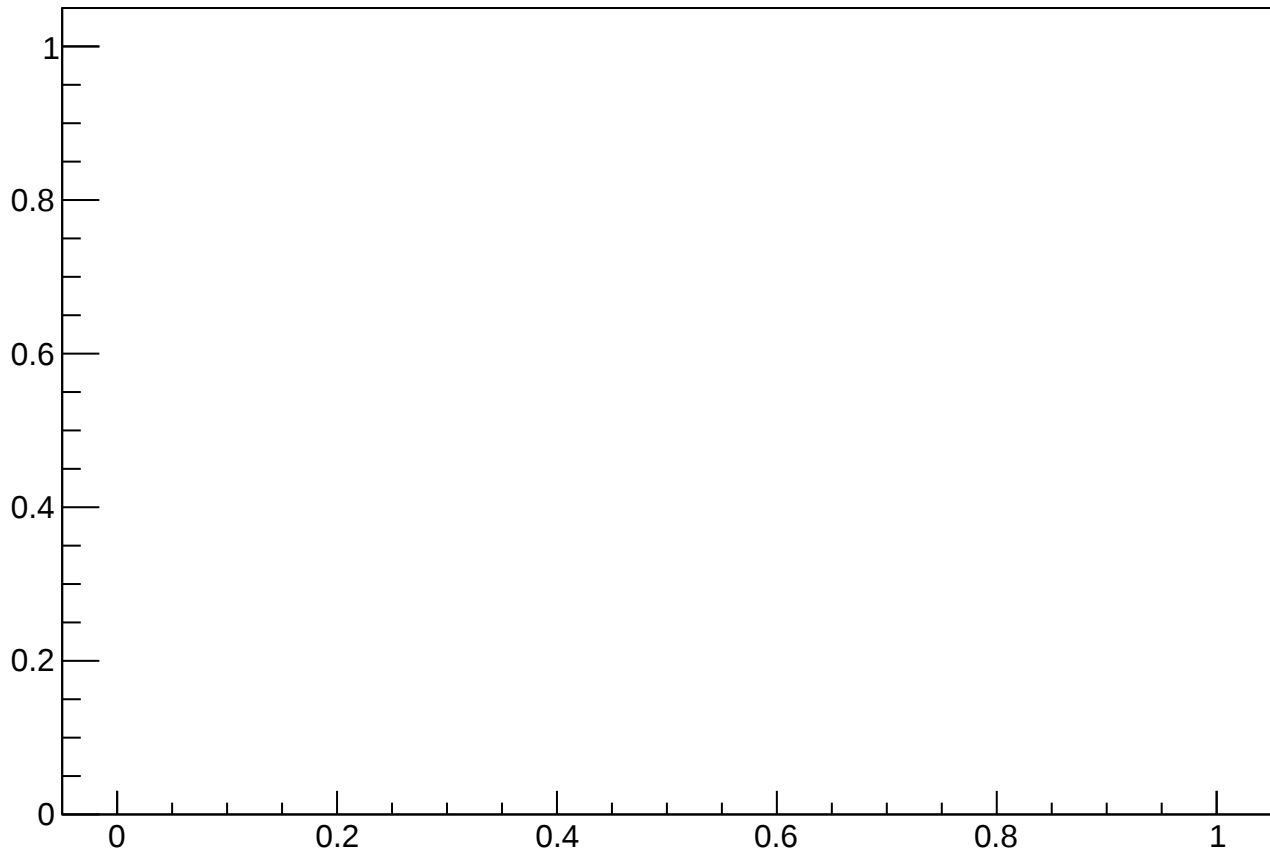
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

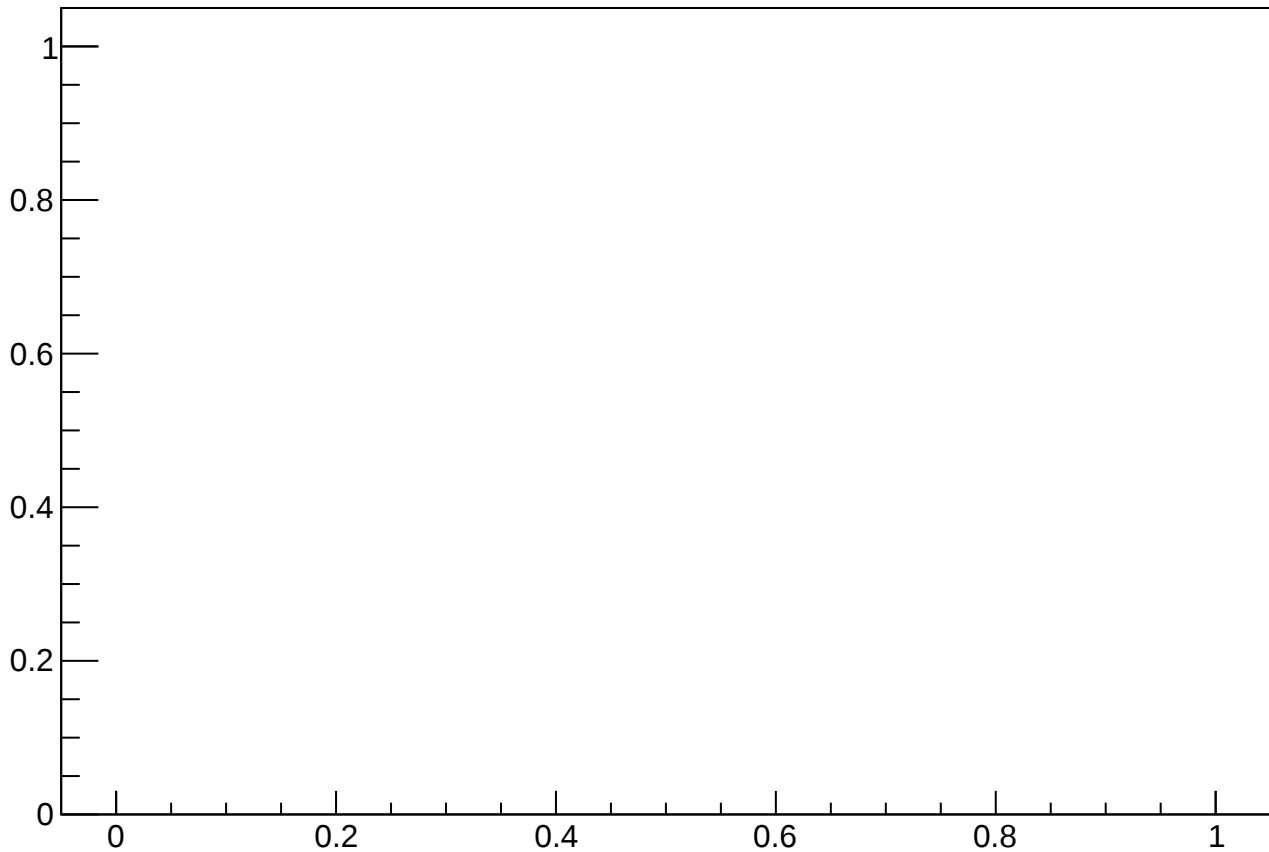
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4aY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

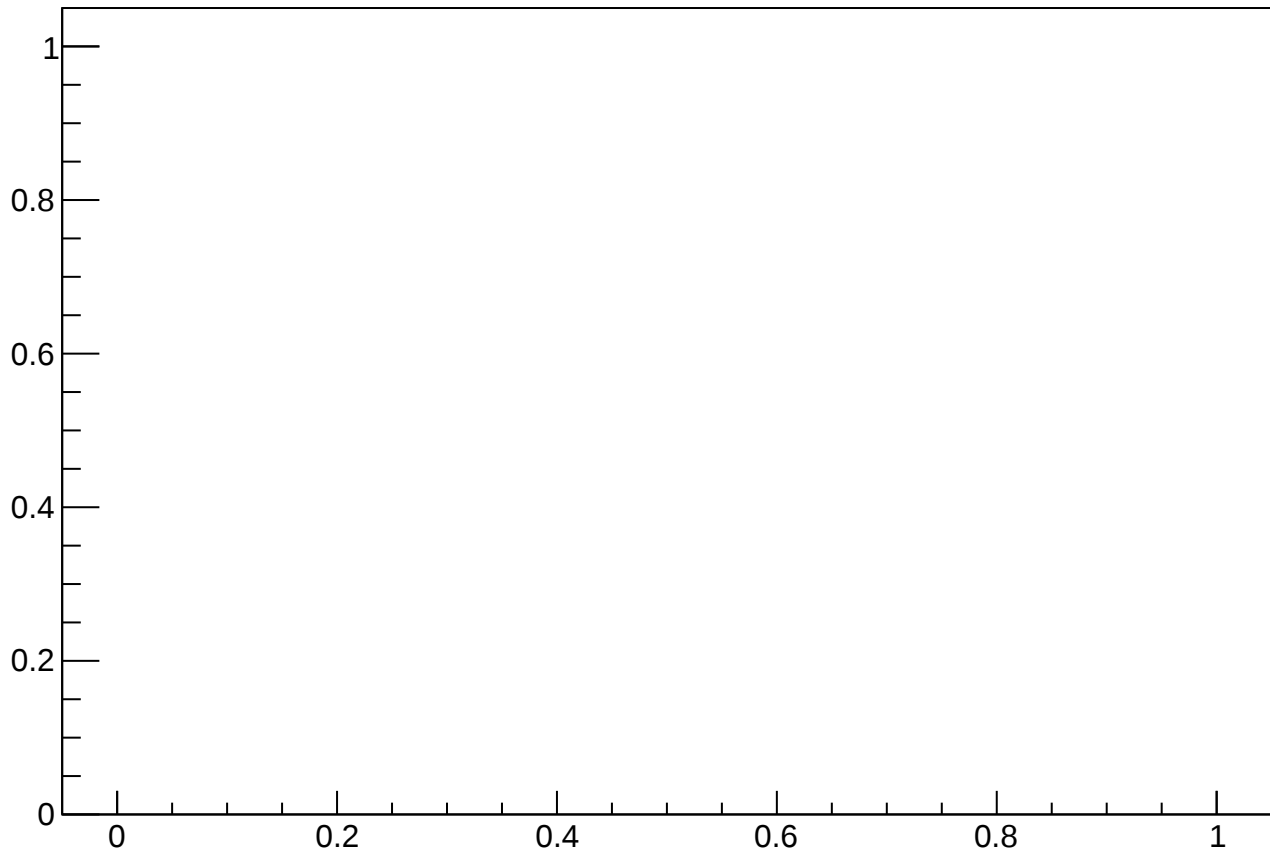
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

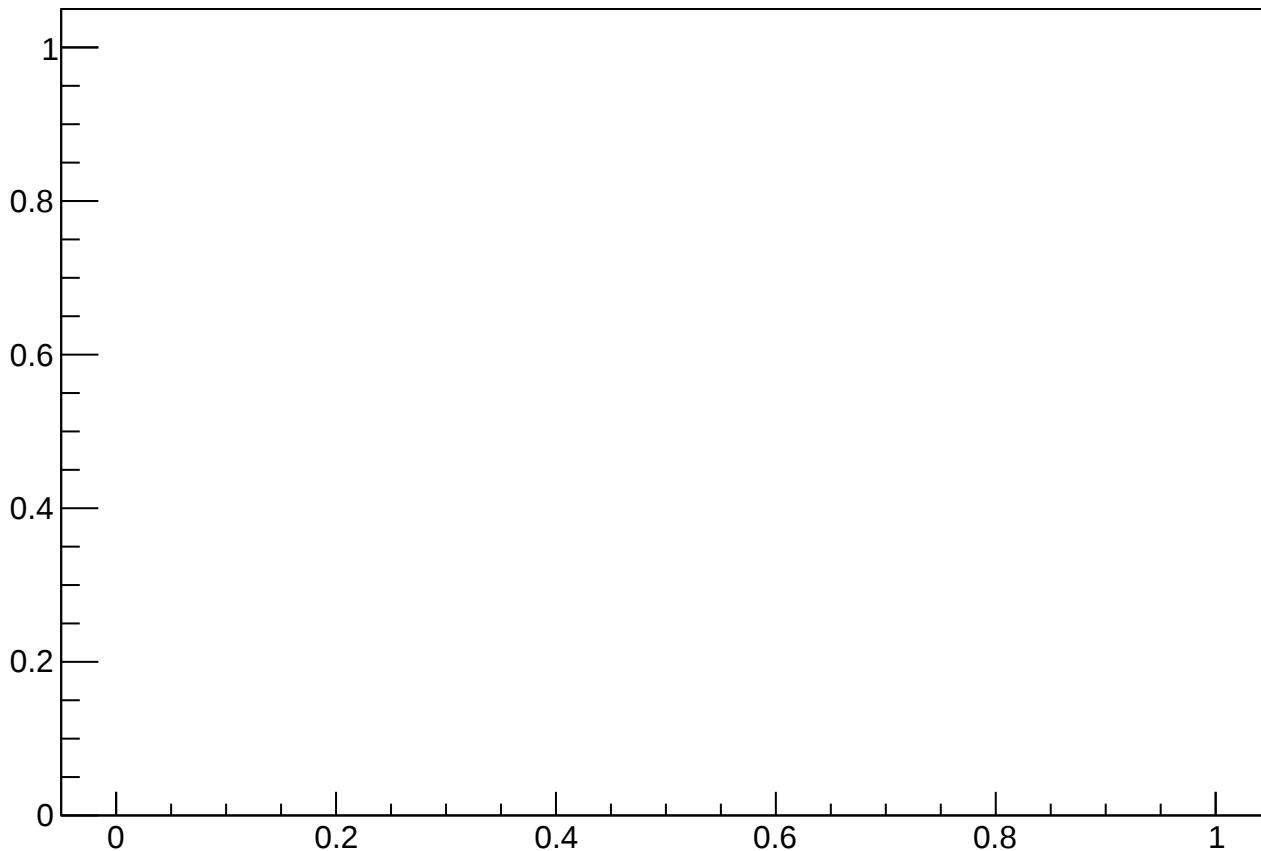
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_atl1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam1_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam2_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

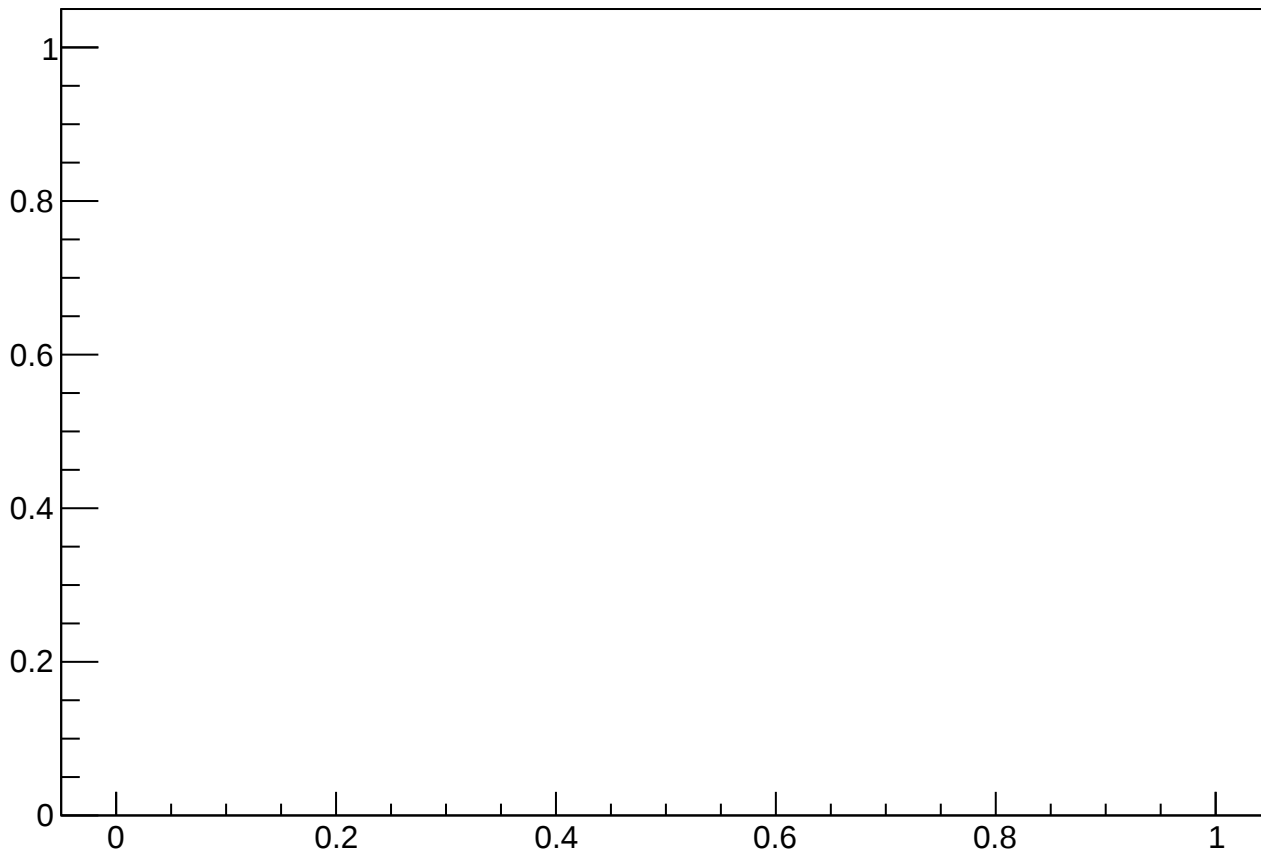
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

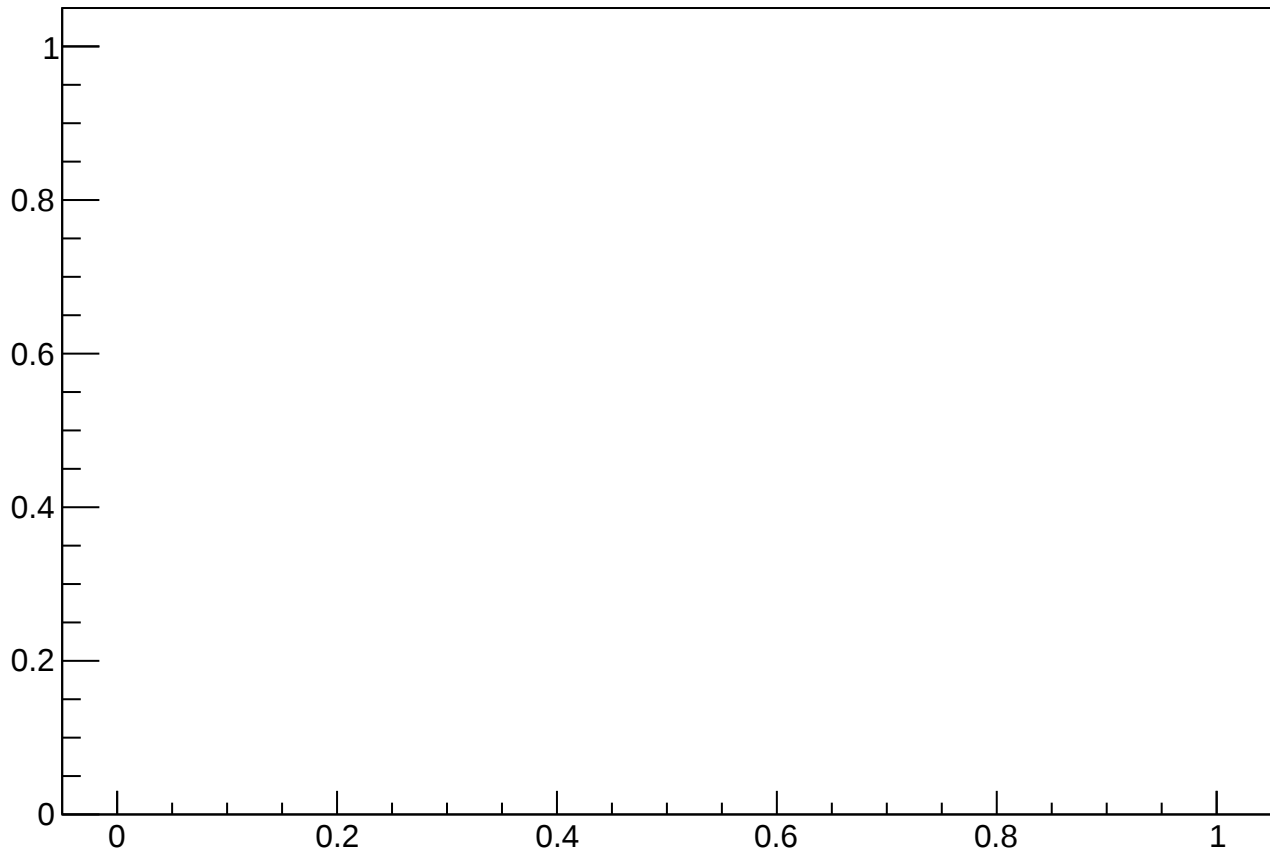
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

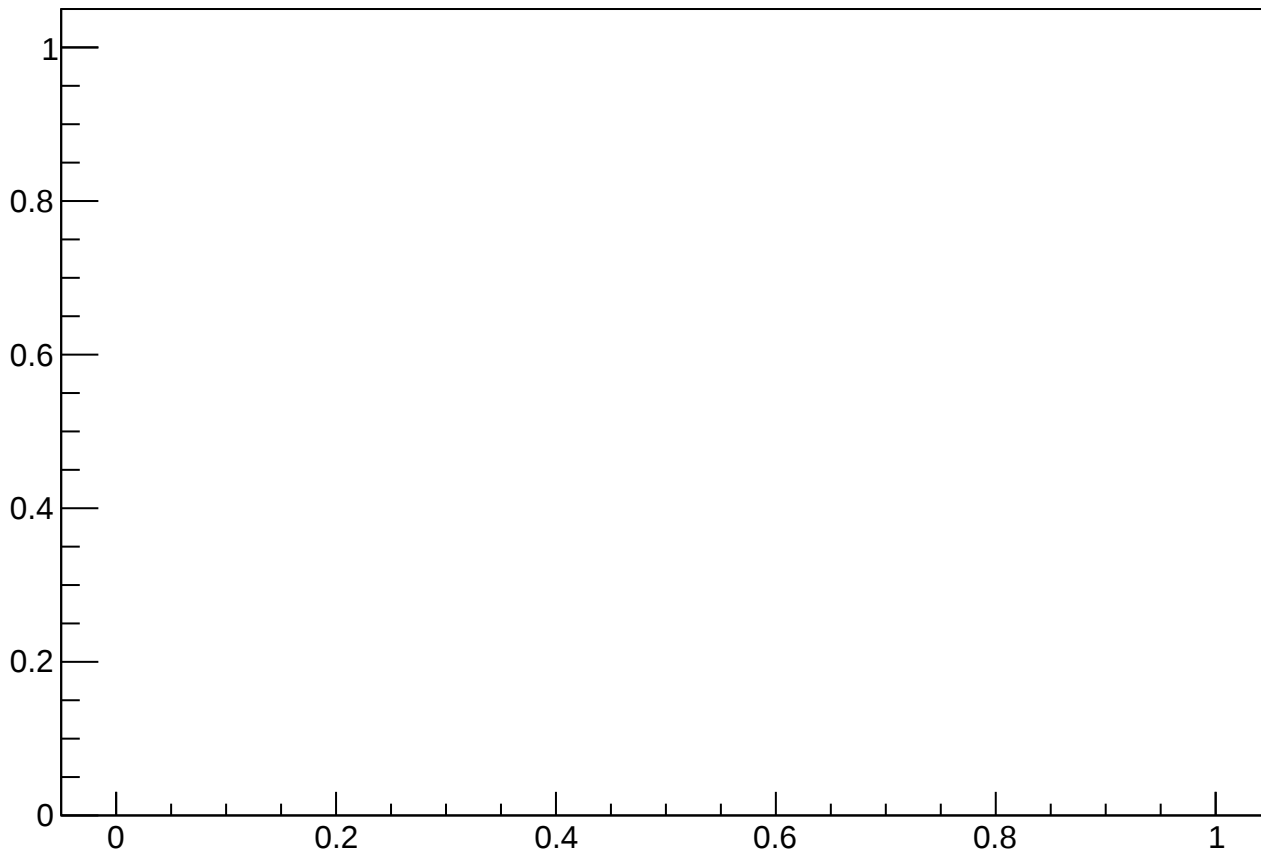
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eX_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

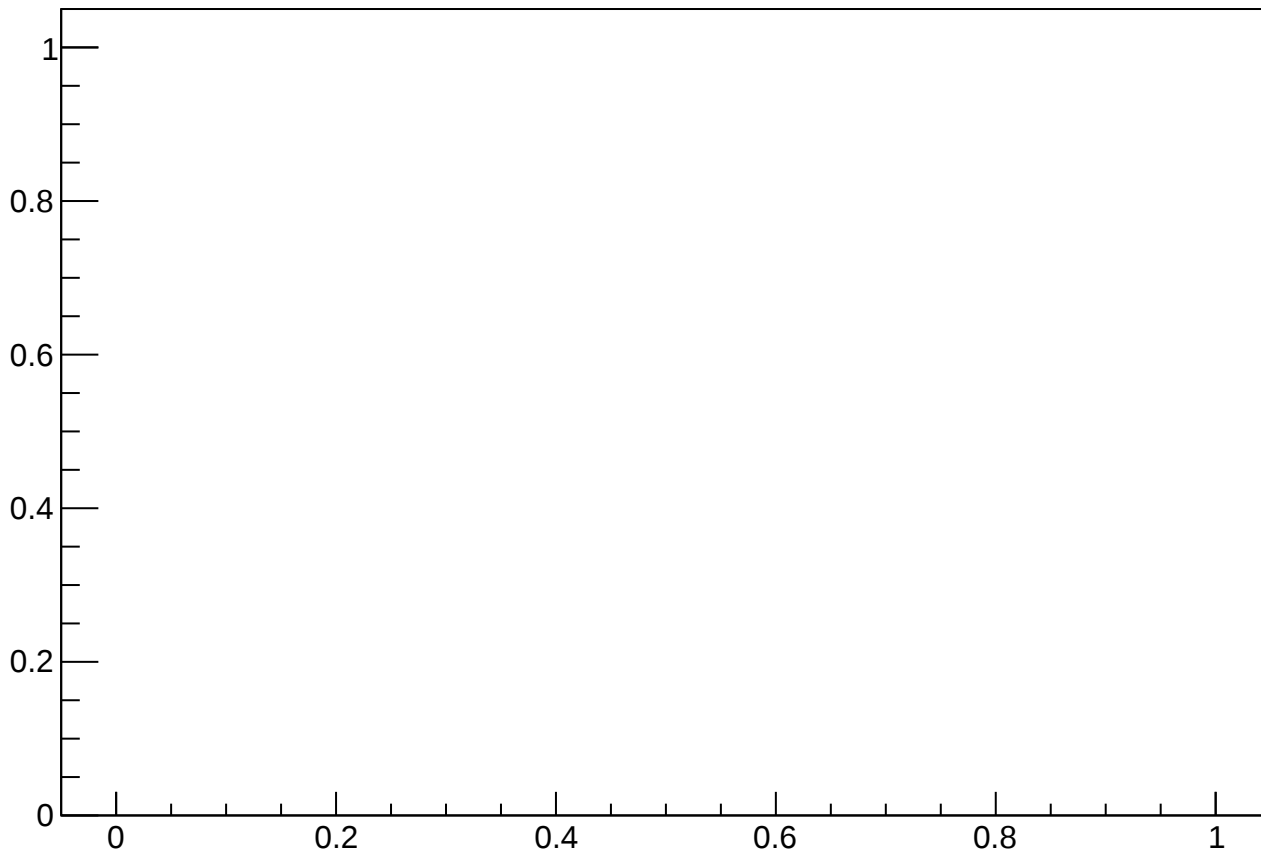
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

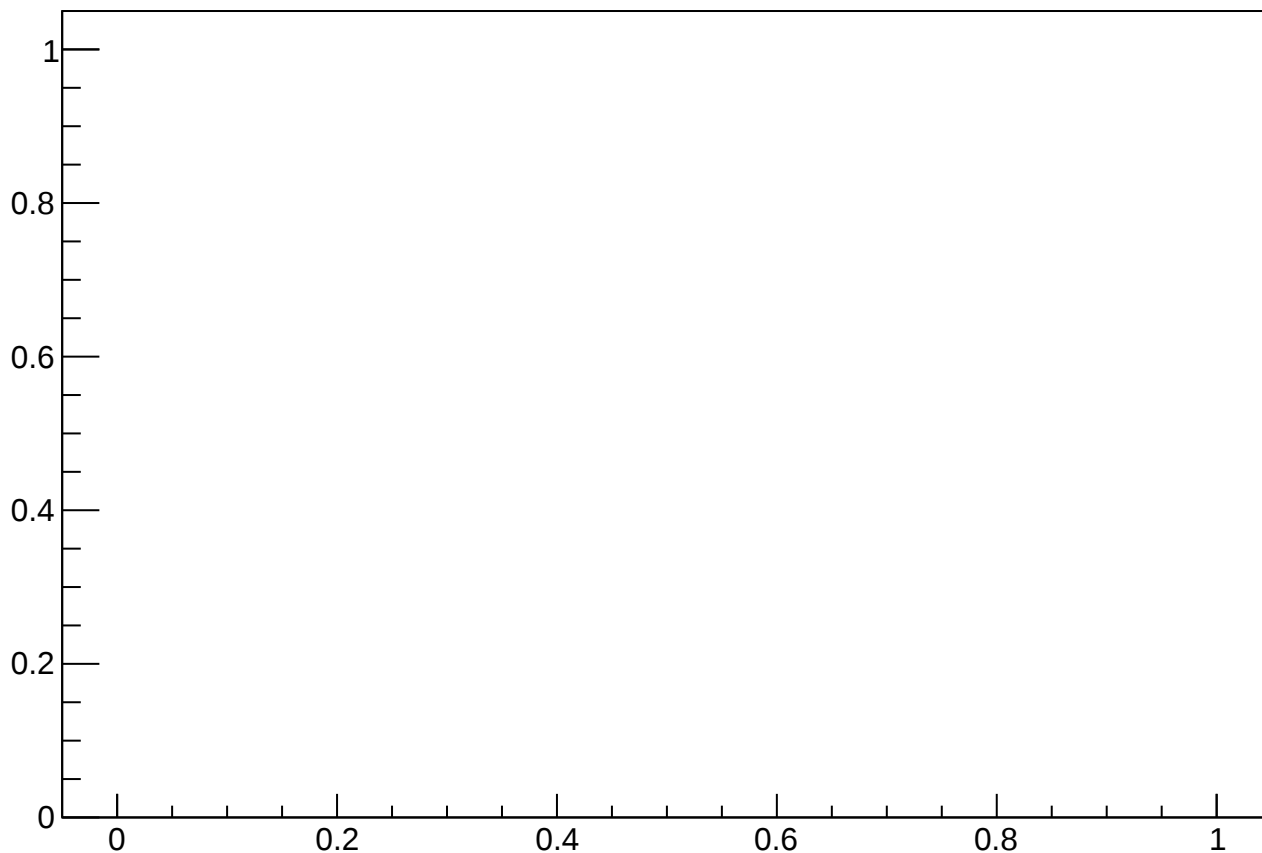
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

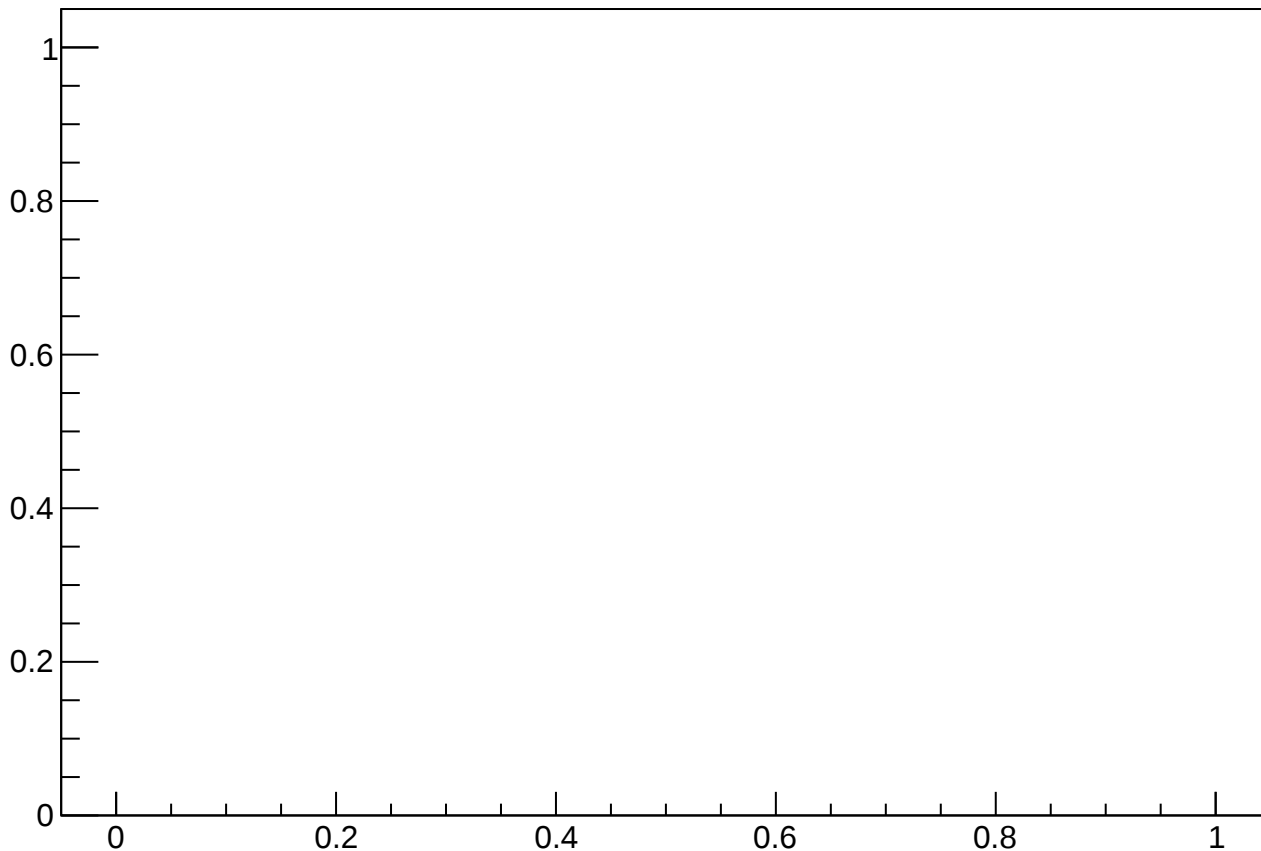
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

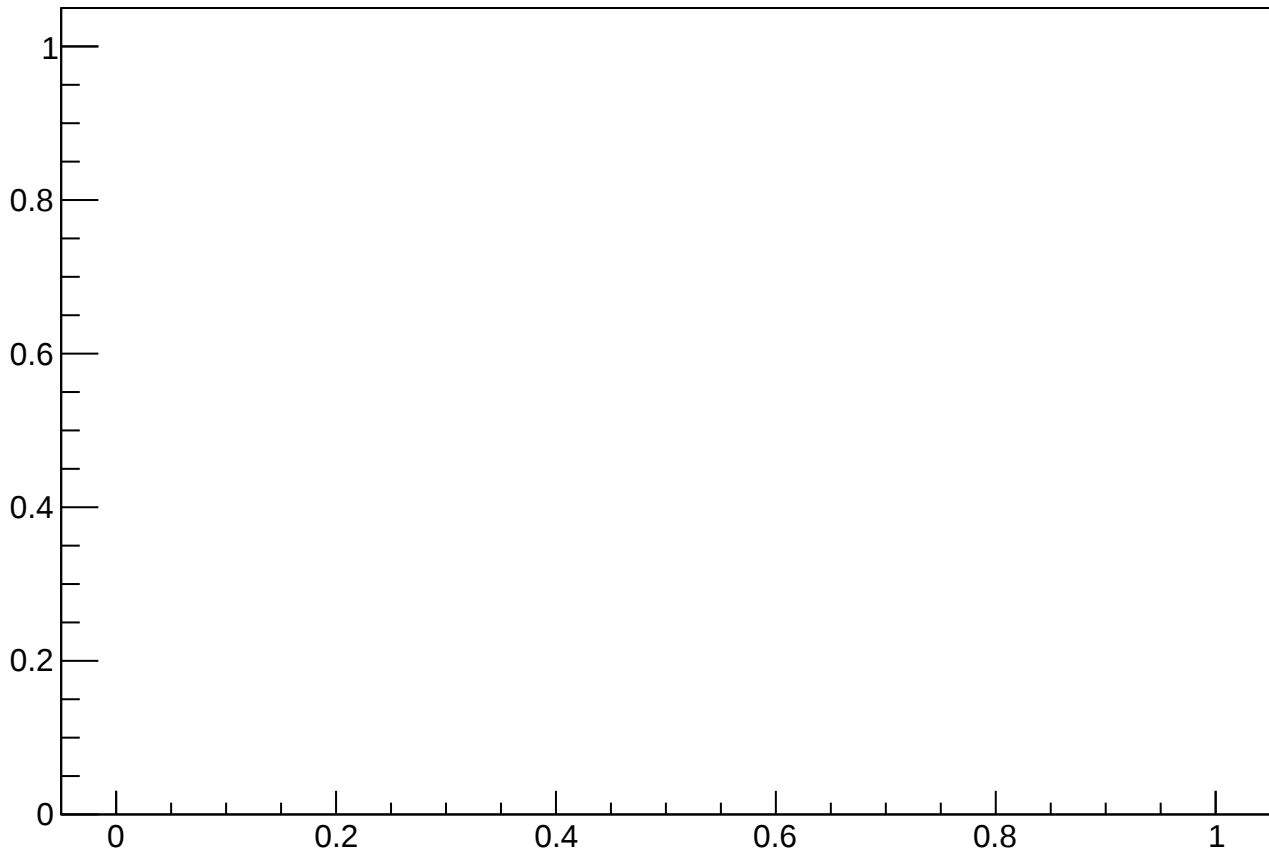
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

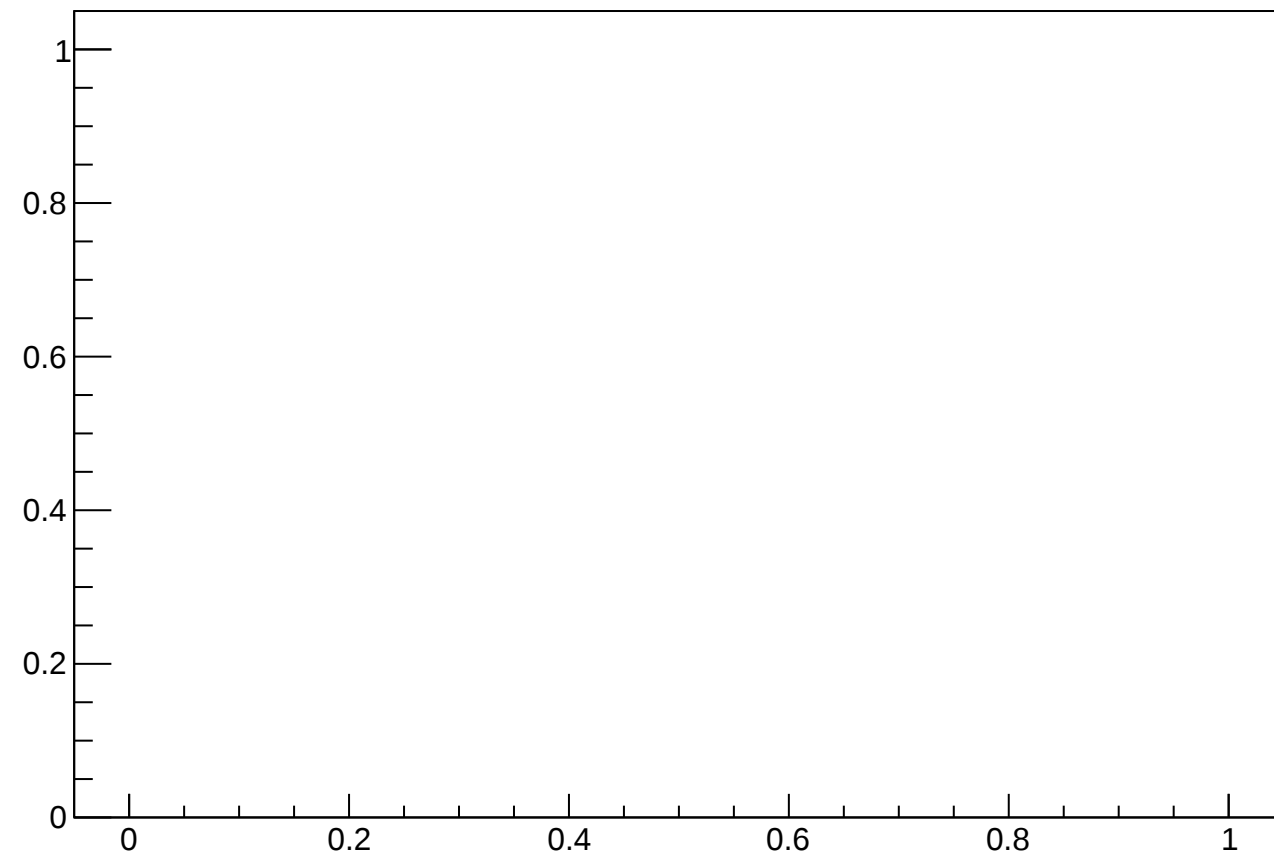
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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_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

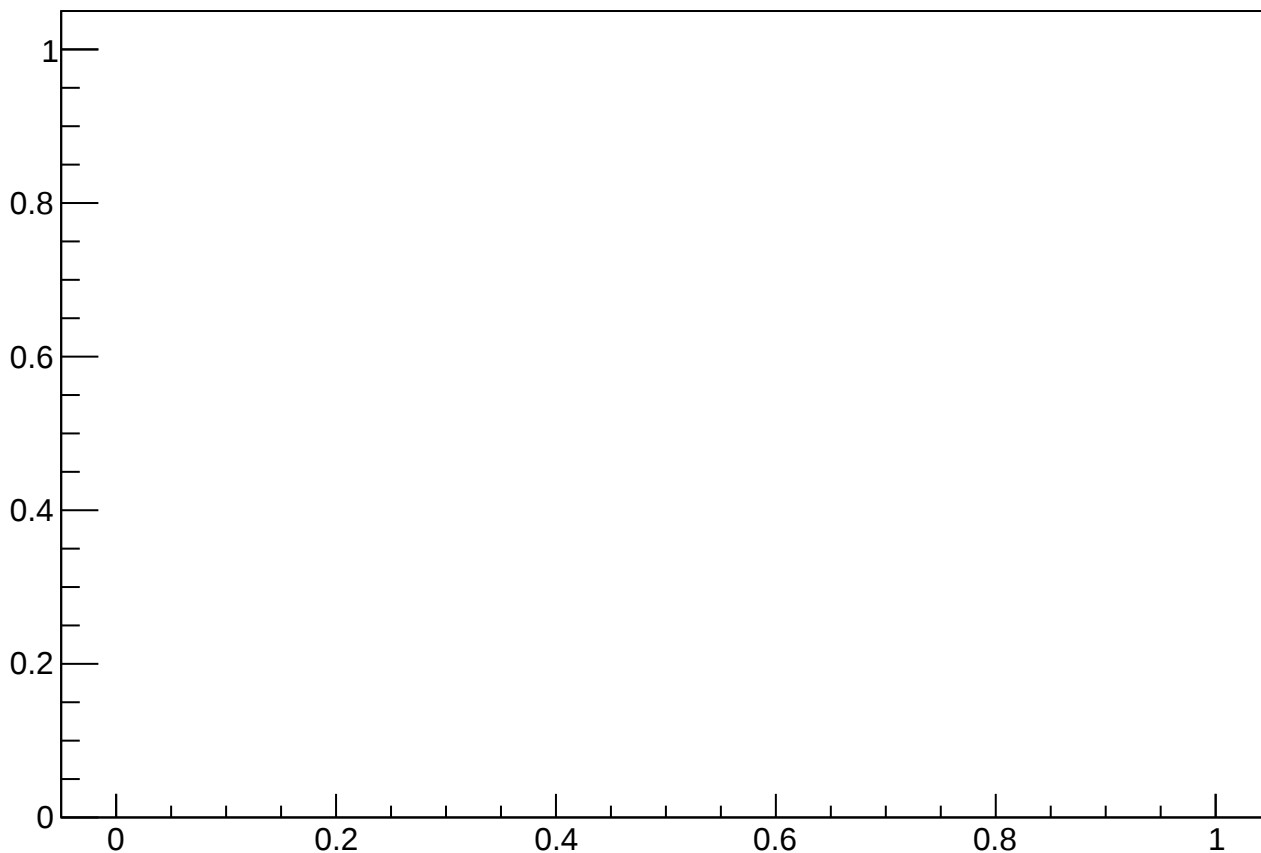
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

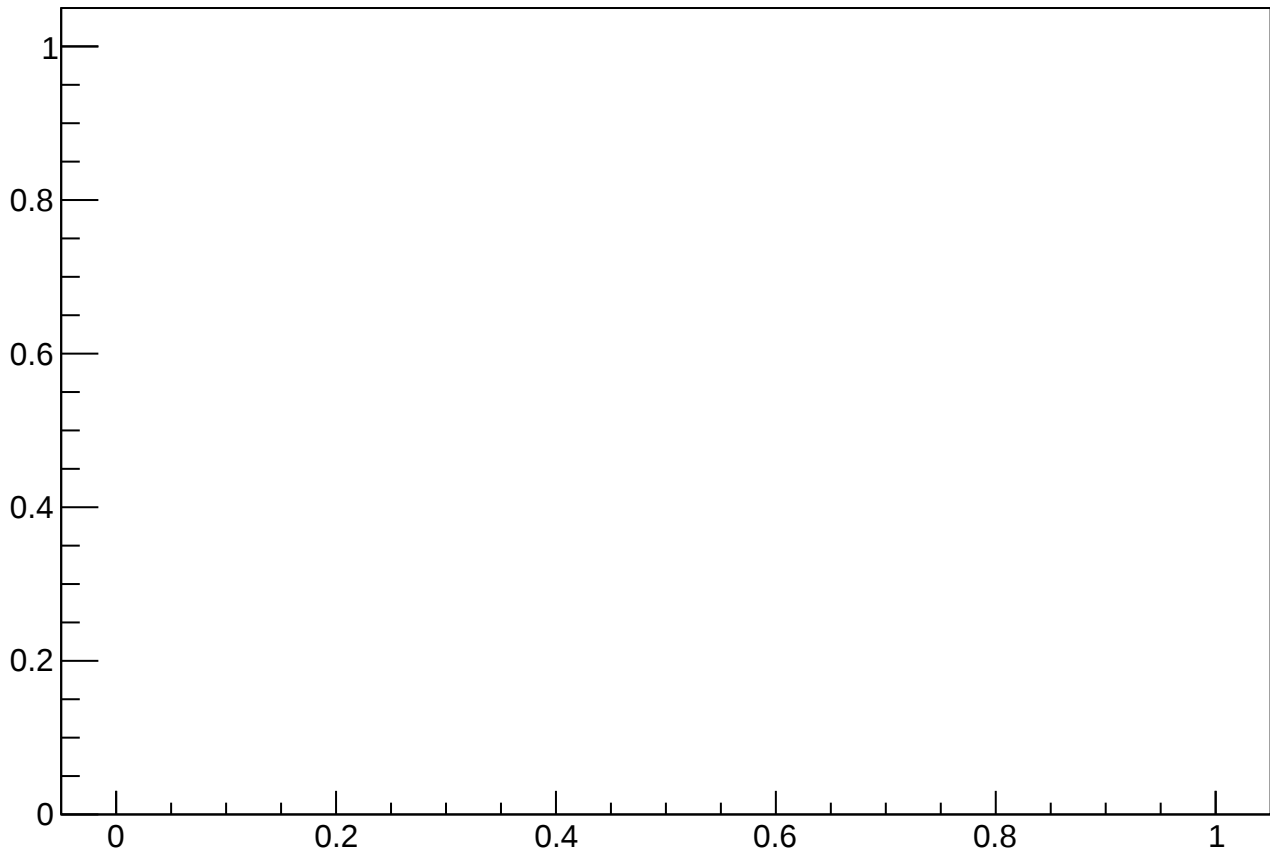
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

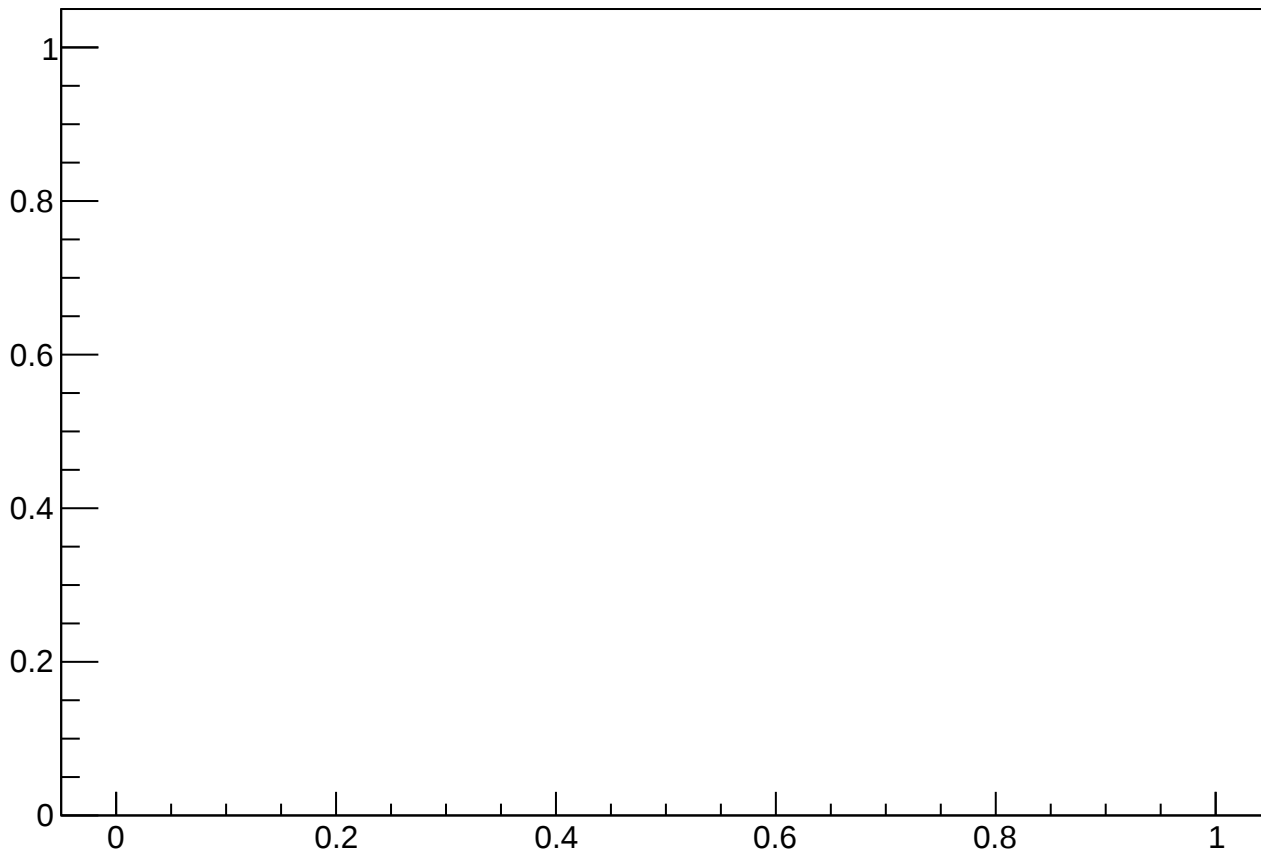
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

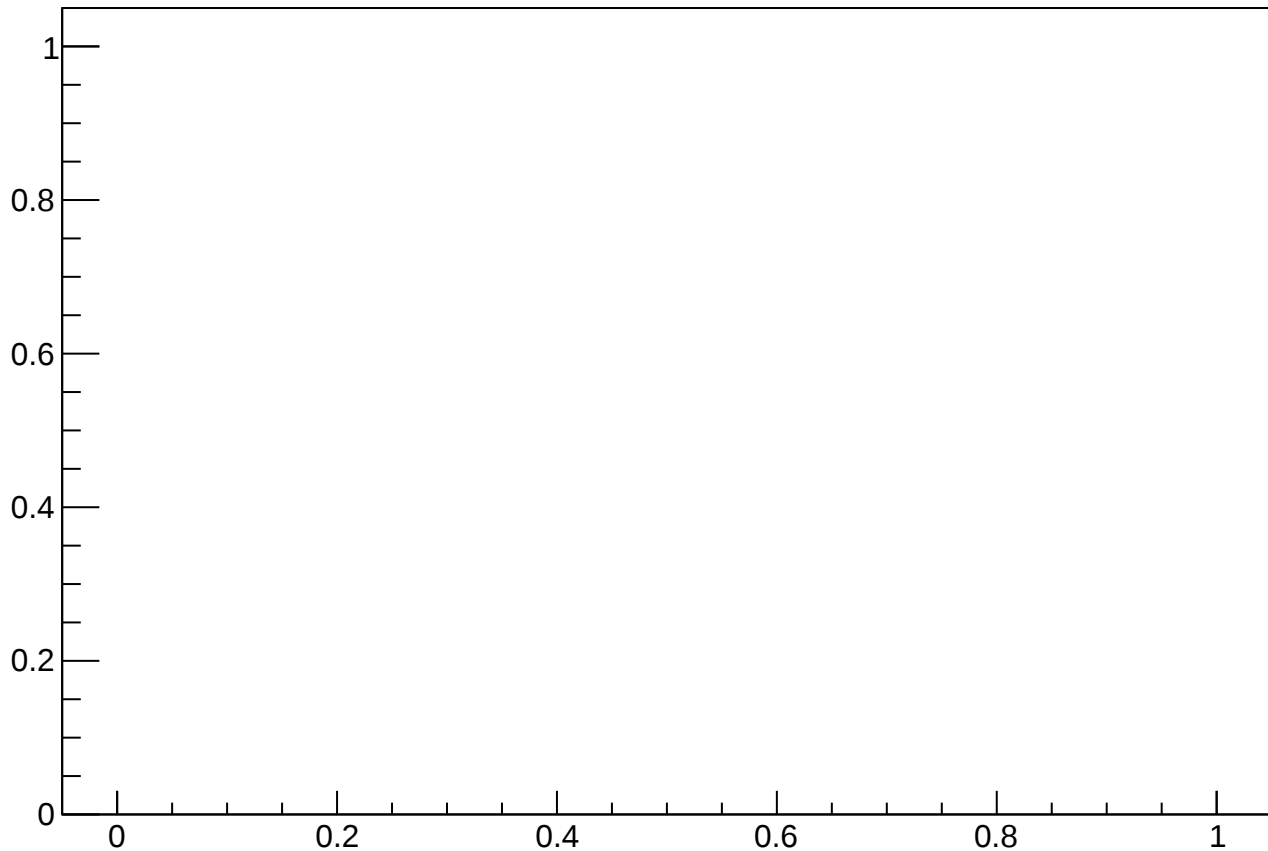
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

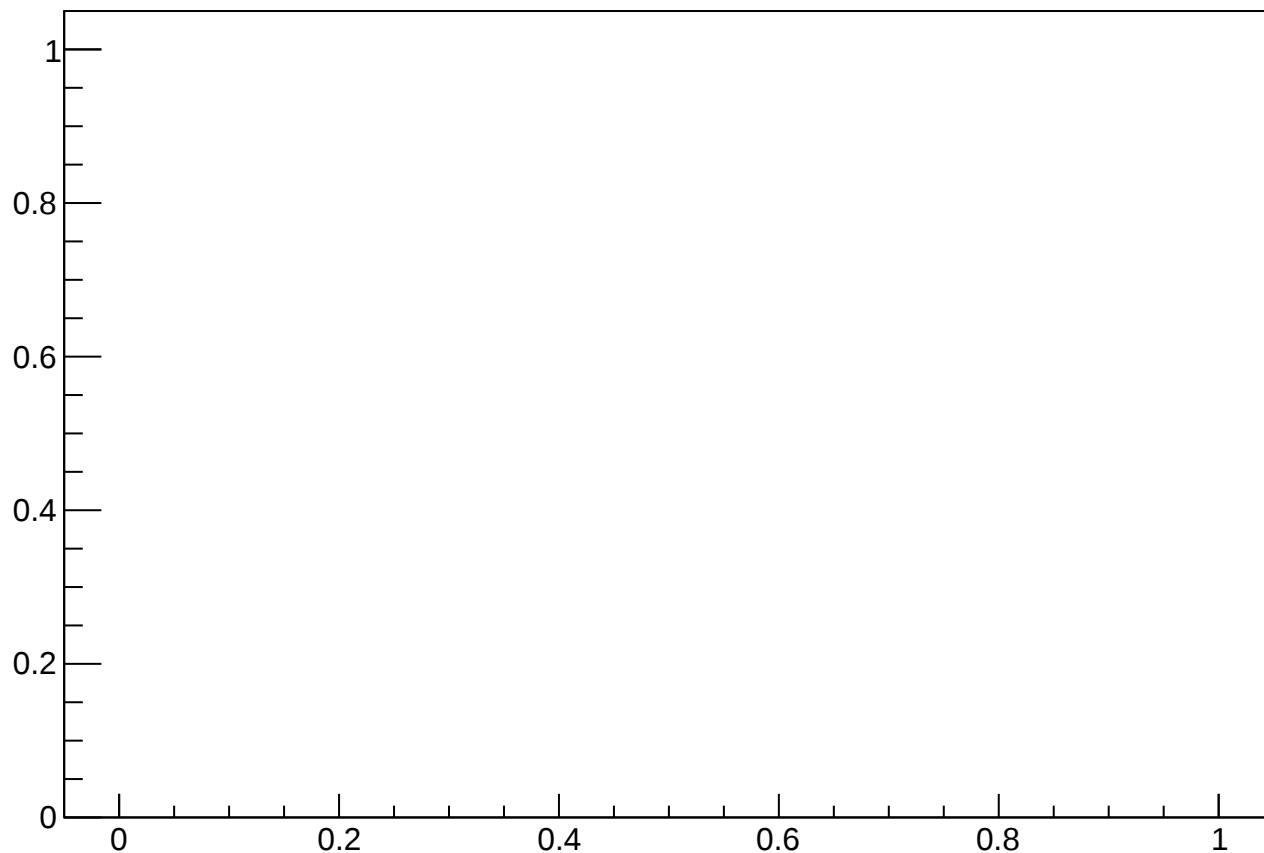
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

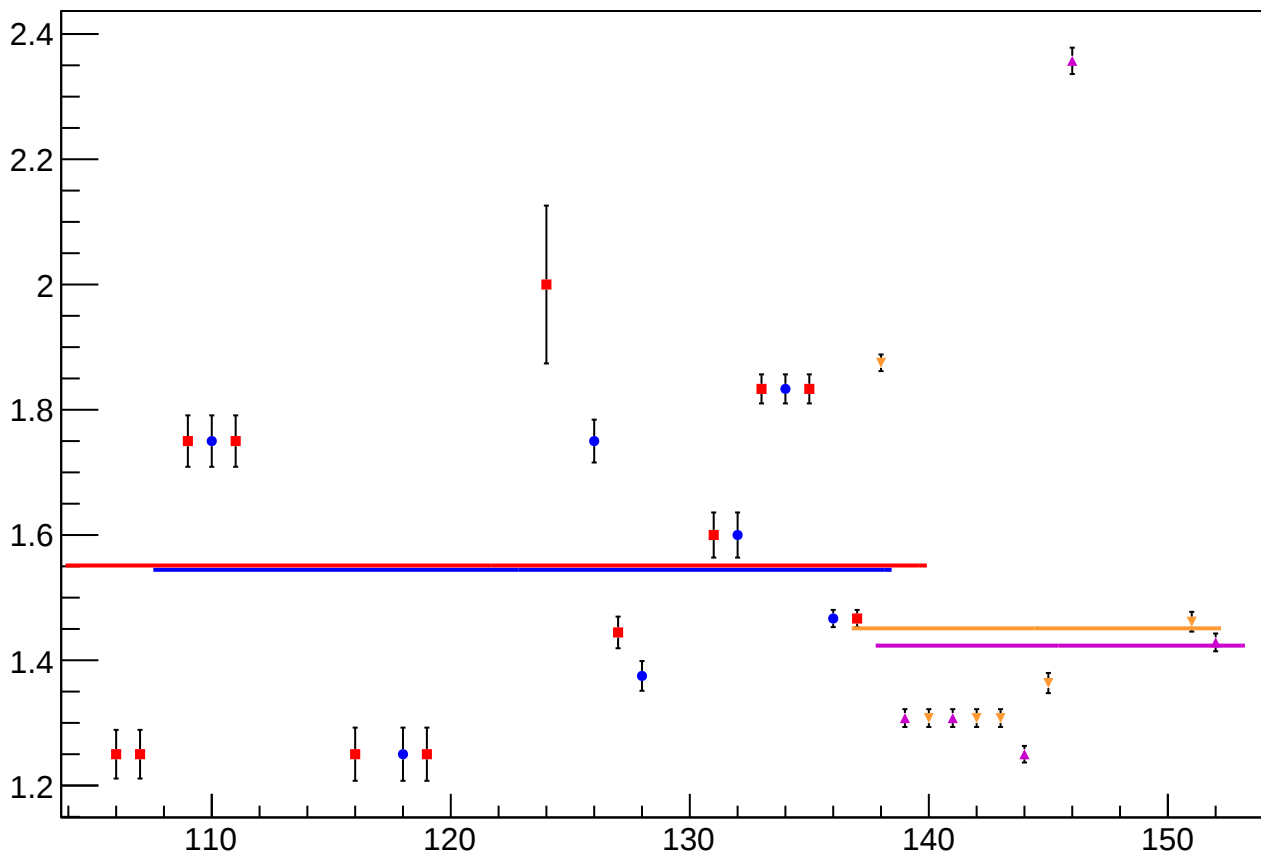
Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 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

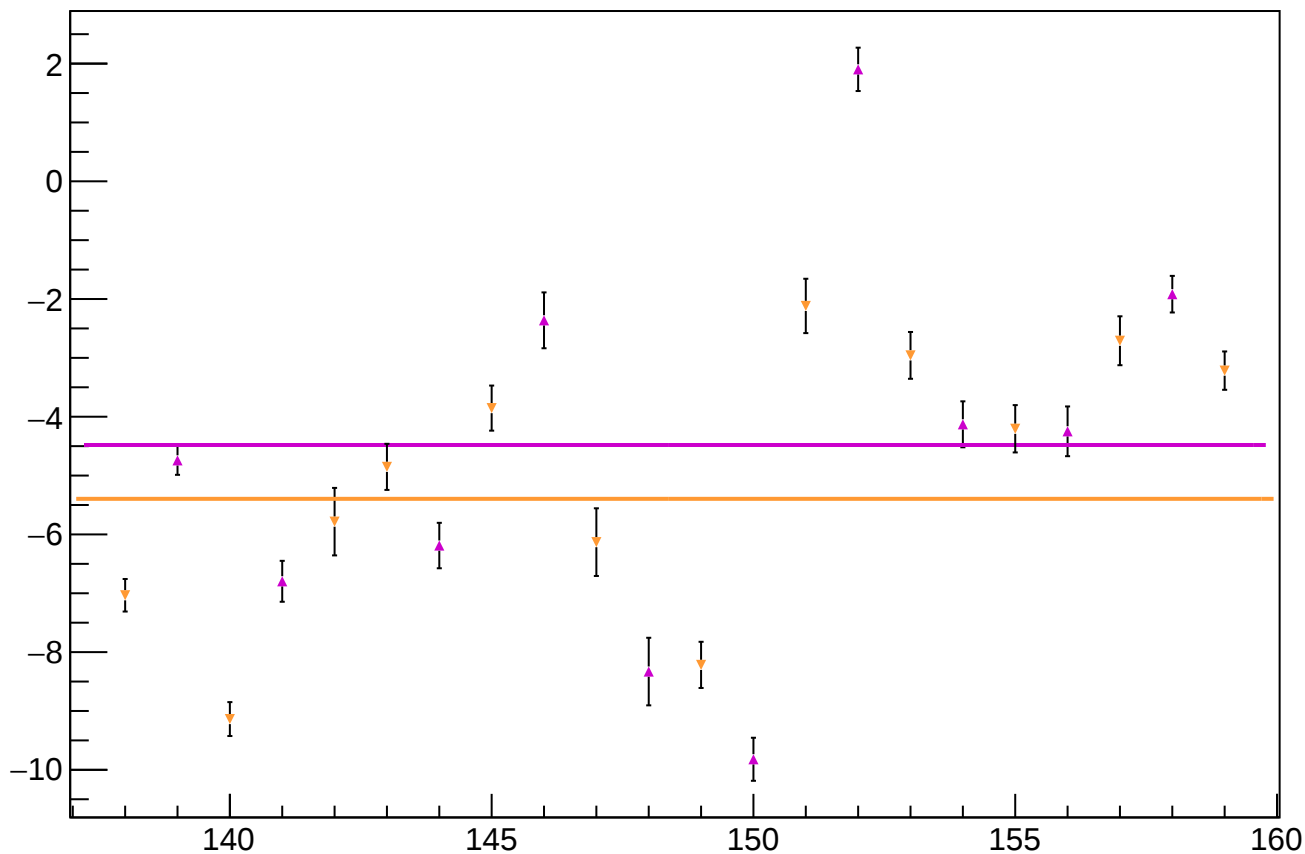
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

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

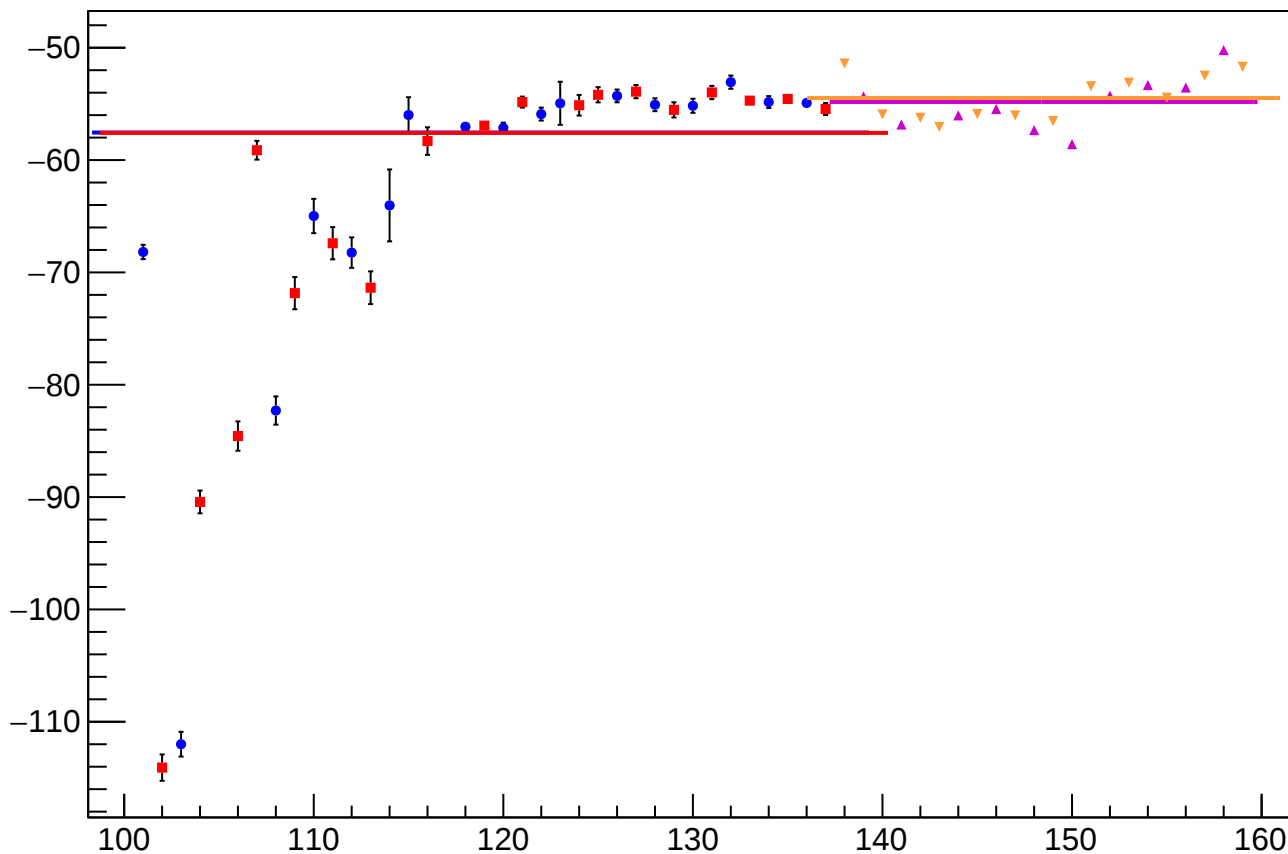
reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -4.481 ± 0.114 $\chi^2/\text{NDF}: 712.5/9$

Left: -4.958 ± 0.079 $\chi^2/\text{NDF}: 1204.8/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -4.481 ± 0.114 $\chi^2/\text{NDF}: 712.5/9$
 Out: -5.395 ± 0.109 $\chi^2/\text{NDF}: 458.9/11$
 All: -4.958 ± 0.079 $\chi^2/\text{NDF}: 1204.8/21$

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -54.639 ± 0.059 $\chi^2/\text{NDF}: 1507.0/21$

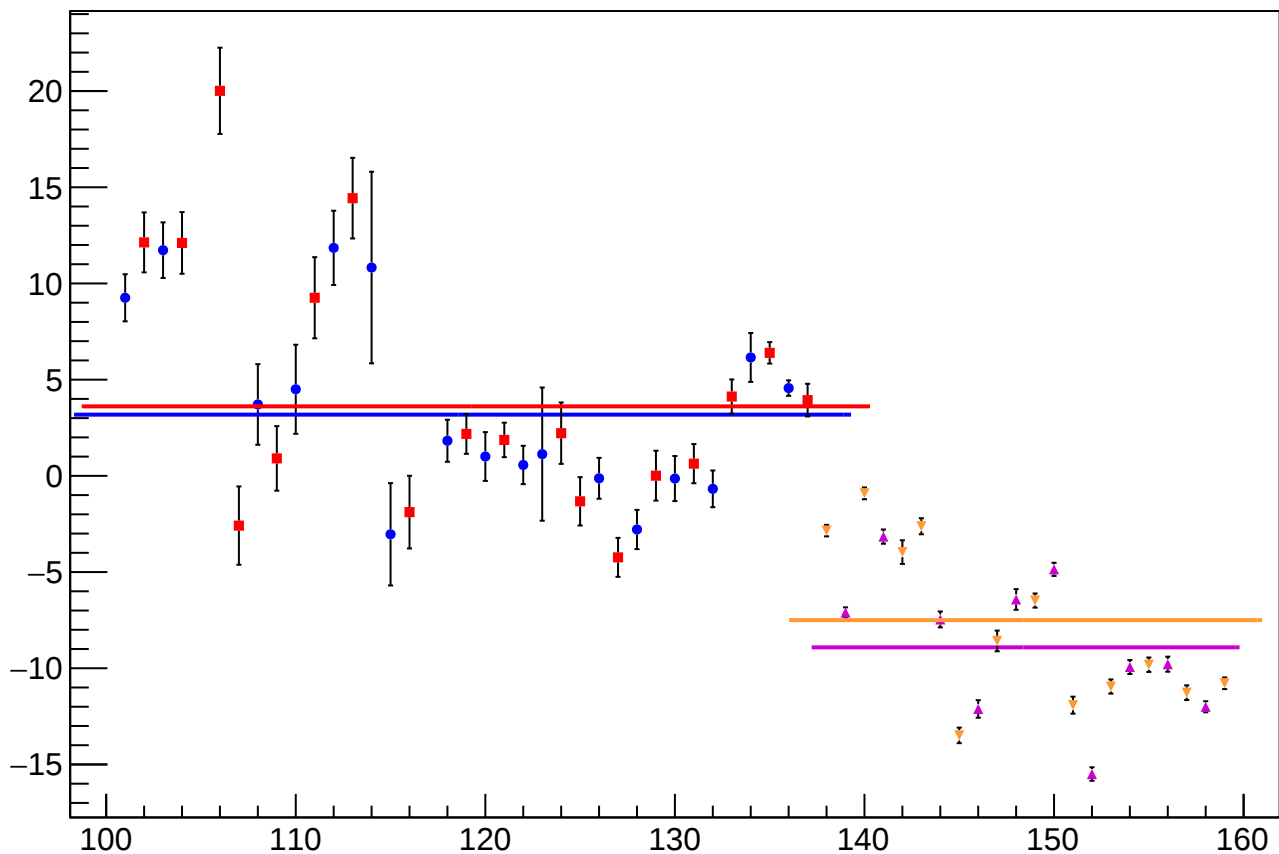
Right: -57.565 ± 0.101 $\chi^2/\text{NDF}: 7804.2/34$

In: -55.571 ± 0.074 $\chi^2/\text{NDF}: 4634.6/26$

Out: -55.221 ± 0.070 $\chi^2/\text{NDF}: 5294.8/29$

All: -55.386 ± 0.051 $\chi^2/\text{NDF}: 9941.2/56$

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 $\chi^2/\text{NDF}: 185.2/16$

Left Out: -7.500 ± 0.109 $\chi^2/\text{NDF}: 1543.0/11$

Right Out: 3.612 ± 0.268 $\chi^2/\text{NDF}: 289.2/17$

Left In: -8.913 ± 0.113 $\chi^2/\text{NDF}: 990.0/9$

Left: -8.180 ± 0.078 $\chi^2/\text{NDF}: 2614.1/21$

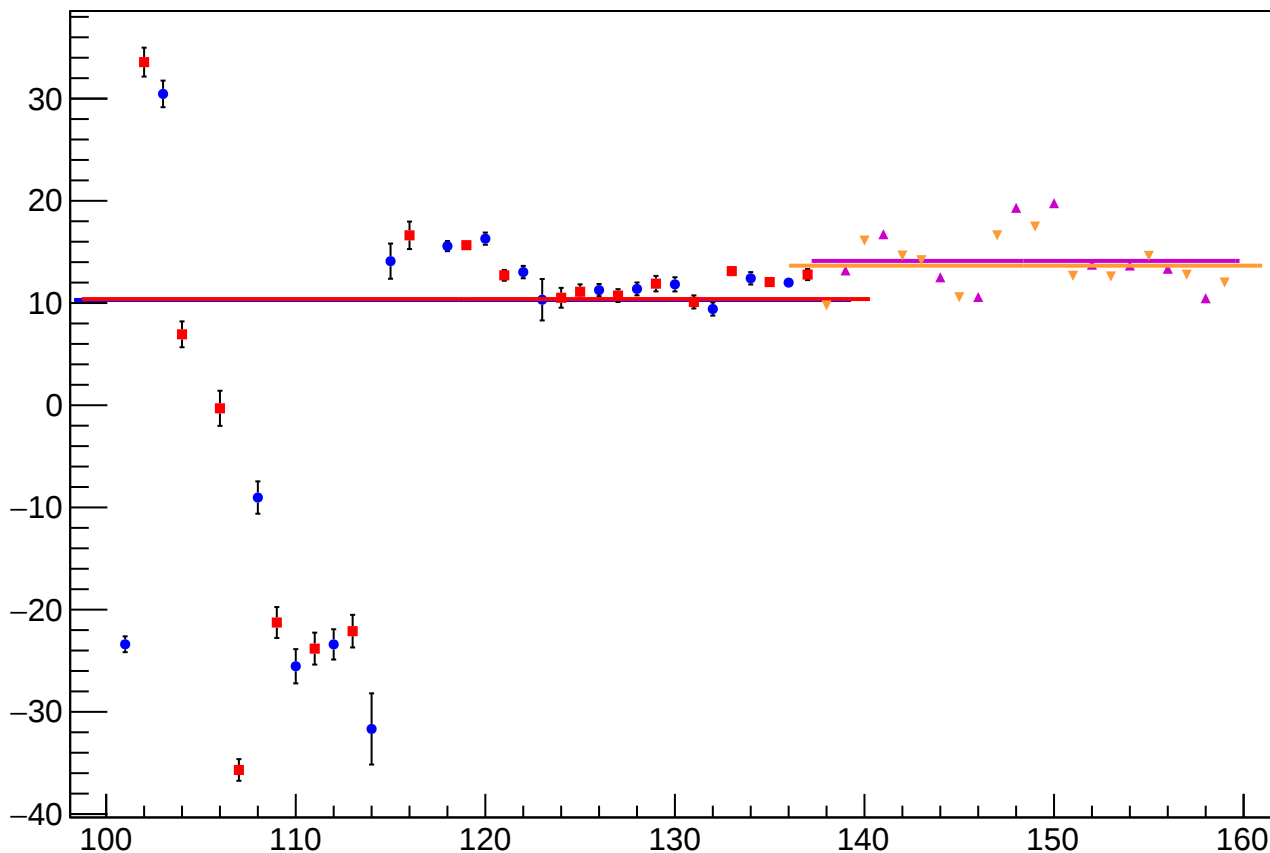
Right: 3.388 ± 0.186 $\chi^2/\text{NDF}: 475.8/34$

In: -6.968 ± 0.103 $\chi^2/\text{NDF}: 3019.3/26$

Out: -5.926 ± 0.101 $\chi^2/\text{NDF}: 3309.3/29$

All: -6.433 ± 0.072 $\chi^2/\text{NDF}: 6380.6/56$

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301 $\pm$ 0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.655 $\pm$ 0.094 χ^2 /NDF: 573.0/11

Right Out: 10.388 $\pm$ 0.160 χ^2 /NDF: 3786.4/17

Left In: 14.121 $\pm$ 0.100 χ^2 /NDF: 1017.0/9

Left: 13.872 $\pm$ 0.068 χ^2 /NDF: 1601.6/21

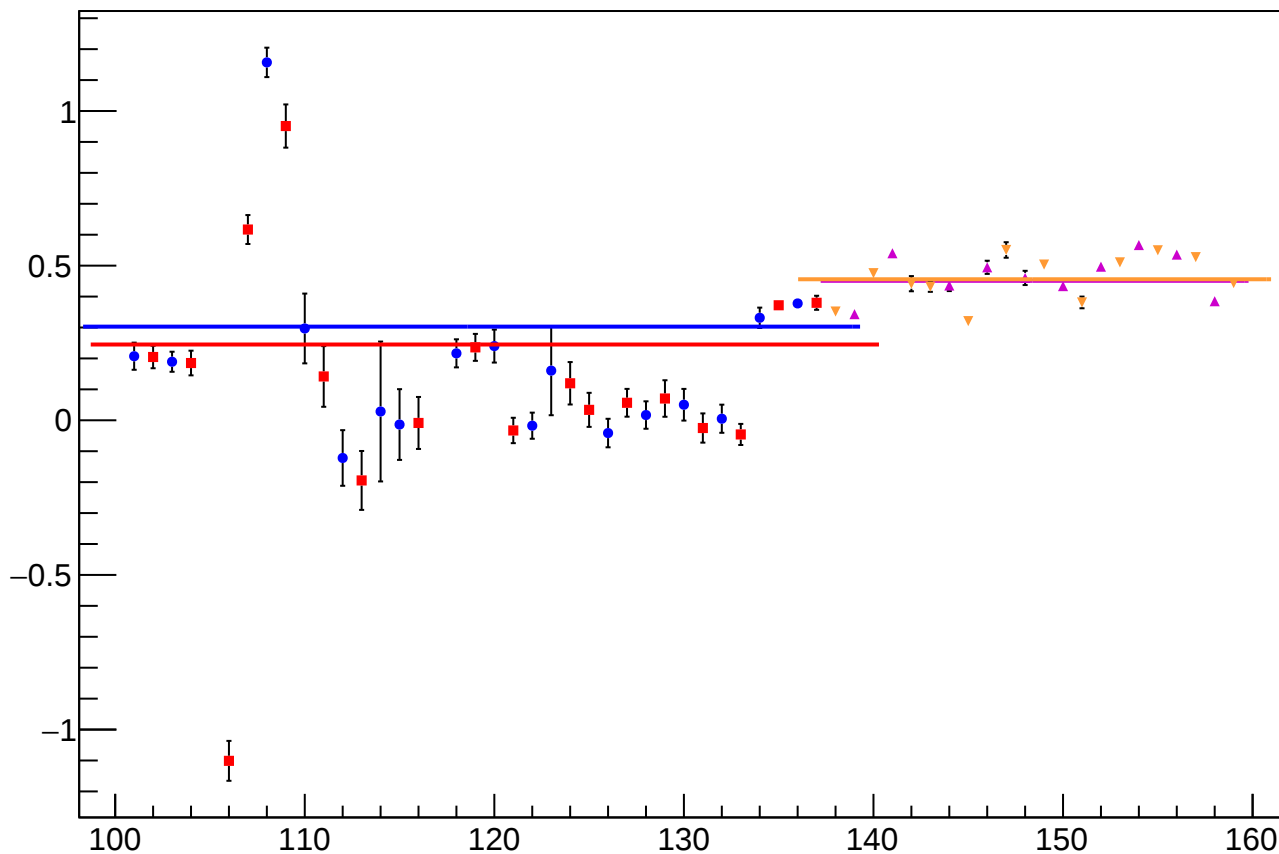
Right: 10.344 $\pm$ 0.112 χ^2 /NDF: 7485.9/34

In: 13.015 $\pm$ 0.084 χ^2 /NDF: 5137.3/26

Out: 12.819 $\pm$ 0.081 χ^2 /NDF: 4670.1/29

All: 12.913 $\pm$ 0.058 χ^2 /NDF: 9810.2/56

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: 0.456 $\pm$ 0.004 χ^2 /NDF: 299.9/11

Right Out: 0.245 $\pm$ 0.009 χ^2 /NDF: 954.5/17

Left In: 0.451 $\pm$ 0.004 χ^2 /NDF: 351.2/9

Left: 0.454 $\pm$ 0.003 χ^2 /NDF: 651.7/21

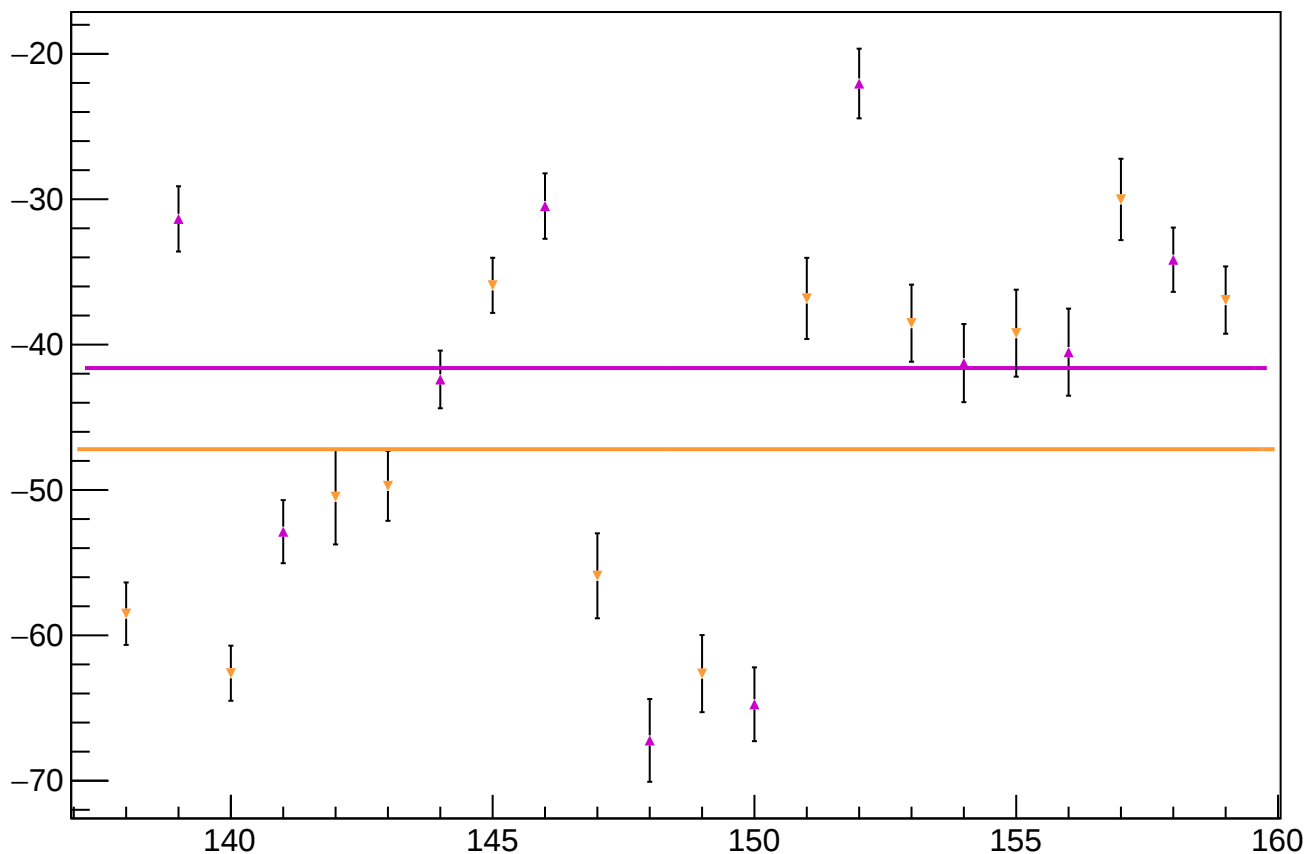
Right: 0.275 $\pm$ 0.006 χ^2 /NDF: 1625.6/34

In: 0.419 $\pm$ 0.004 χ^2 /NDF: 1254.8/26

Out: 0.415 $\pm$ 0.004 χ^2 /NDF: 1748.4/29

All: 0.417 $\pm$ 0.003 χ^2 /NDF: 3003.8/56

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -47.193+/-0.708 χ^2/NDF :263.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -41.612+/-0.752 χ^2/NDF :314.6/9

Left: -44.570+/-0.515 χ^2/NDF : 606.9/21

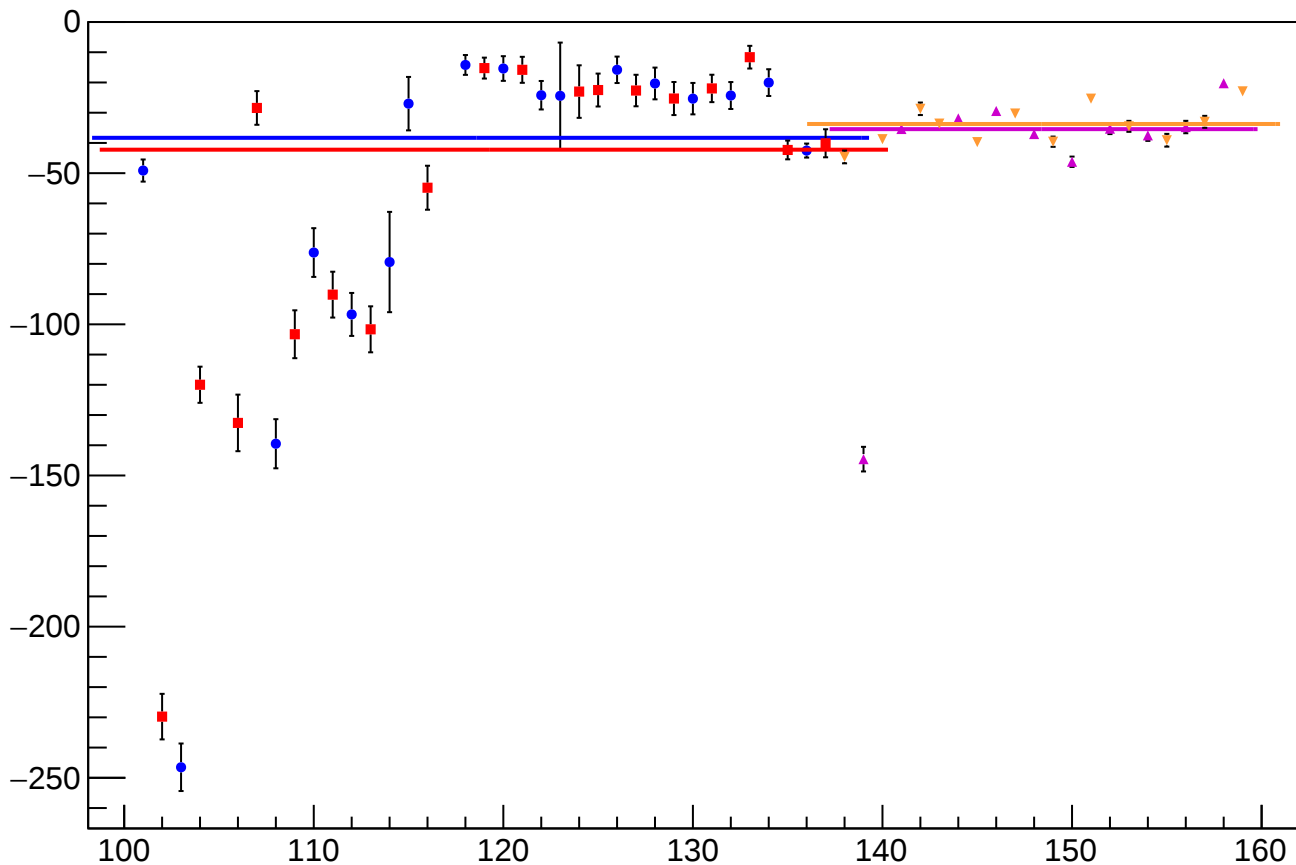
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.612+/-0.752 χ^2/NDF :314.6/9

Out: -47.193+/-0.708 χ^2/NDF :263.1/11

All: -44.570+/-0.515 χ^2/NDF : 606.9/21

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: -33.729 ± 0.495 $\chi^2/\text{NDF}: 155.9/11$

Right Out: -42.231 ± 1.210 $\chi^2/\text{NDF}: 1278.1/17$

Left In: -35.436 ± 0.524 $\chi^2/\text{NDF}: 886.6/9$

Left: -34.533 ± 0.360 $\chi^2/\text{NDF}: 1048.1/21$

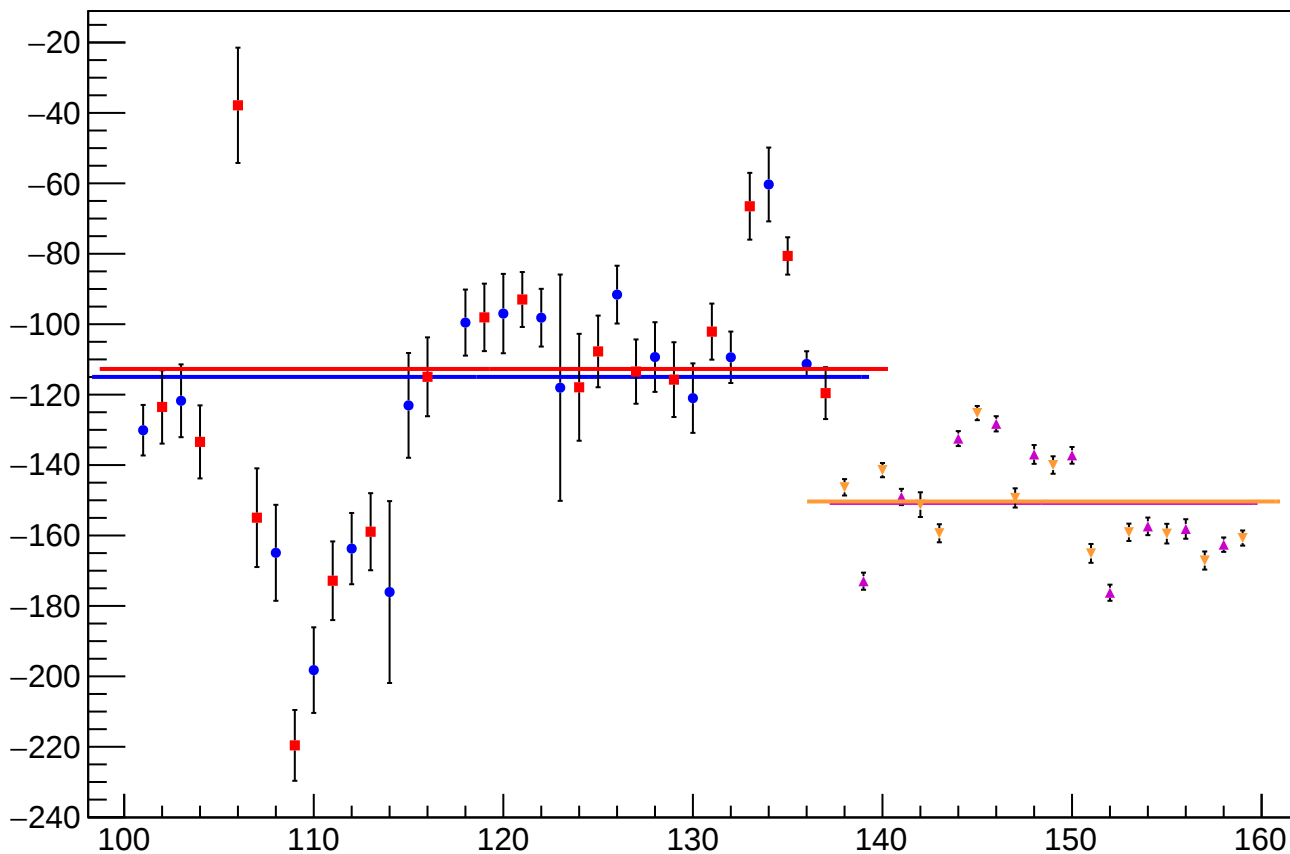
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -35.938 ± 0.476 $\chi^2/\text{NDF}: 2024.6/26$

Out: -34.948 ± 0.458 $\chi^2/\text{NDF}: 1476.3/29$

All: -35.424 ± 0.330 $\chi^2/\text{NDF}: 3503.2/56$

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: -150.339 ± 0.706 $\chi^2/\text{NDF}: 327.0/11$

Right Out: -112.713 ± 2.210 $\chi^2/\text{NDF}: 267.1/17$

Left In: -150.739 ± 0.739 $\chi^2/\text{NDF}: 497.1/9$

Left: -150.530 ± 0.510 $\chi^2/\text{NDF}: 824.2/21$

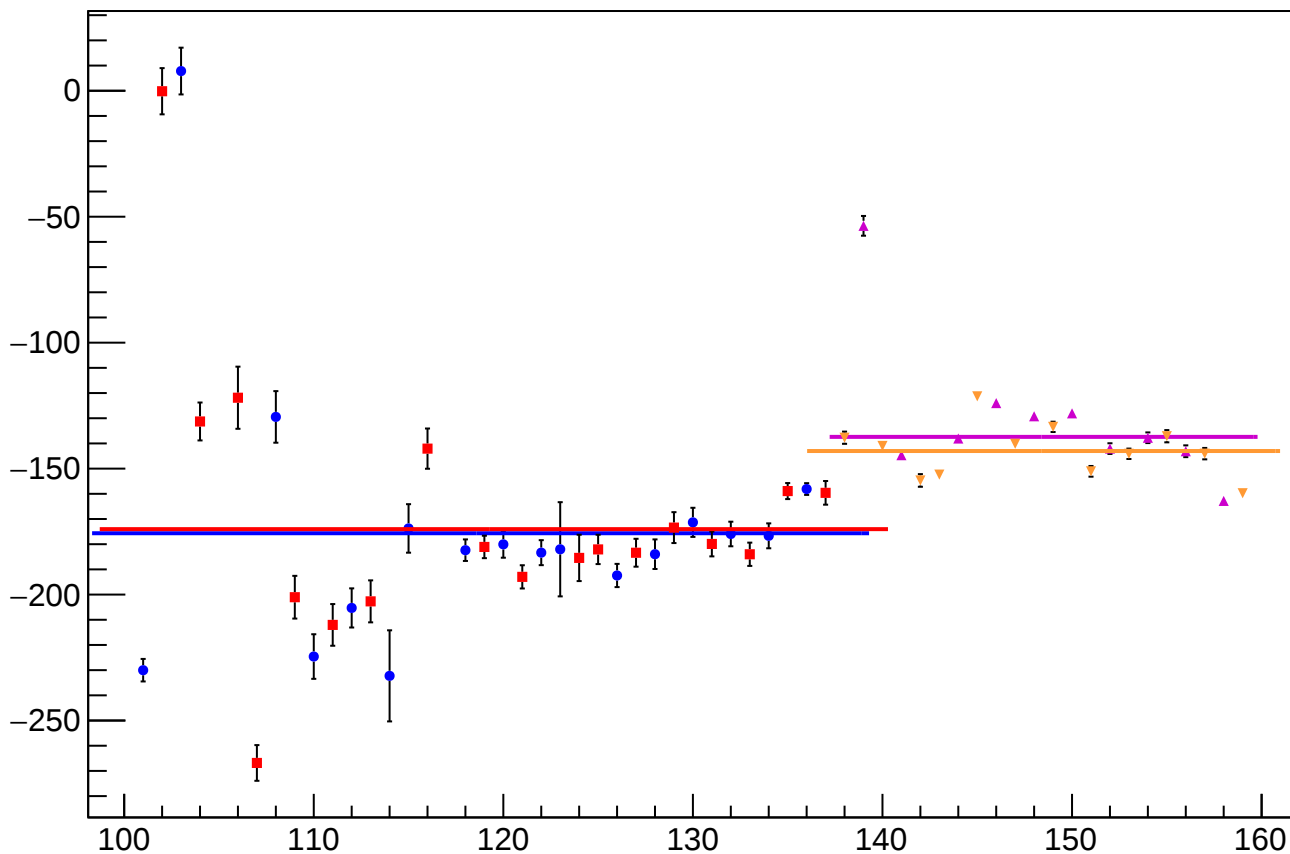
Right: -113.912 ± 1.513 $\chi^2/\text{NDF}: 409.1/34$

In: -146.712 ± 0.696 $\chi^2/\text{NDF}: 902.4/26$

Out: -146.857 ± 0.672 $\chi^2/\text{NDF}: 857.0/29$

All: -146.787 ± 0.484 $\chi^2/\text{NDF}: 1759.4/56$

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -143.014 ± 0.589 χ^2/NDF : 347.1/11

Right Out: -174.024 ± 1.355 χ^2/NDF : 703.5/17

Left In: -137.397 ± 0.623 χ^2/NDF : 833.7/9

Left: -140.362 ± 0.428 χ^2/NDF : 1223.7/21

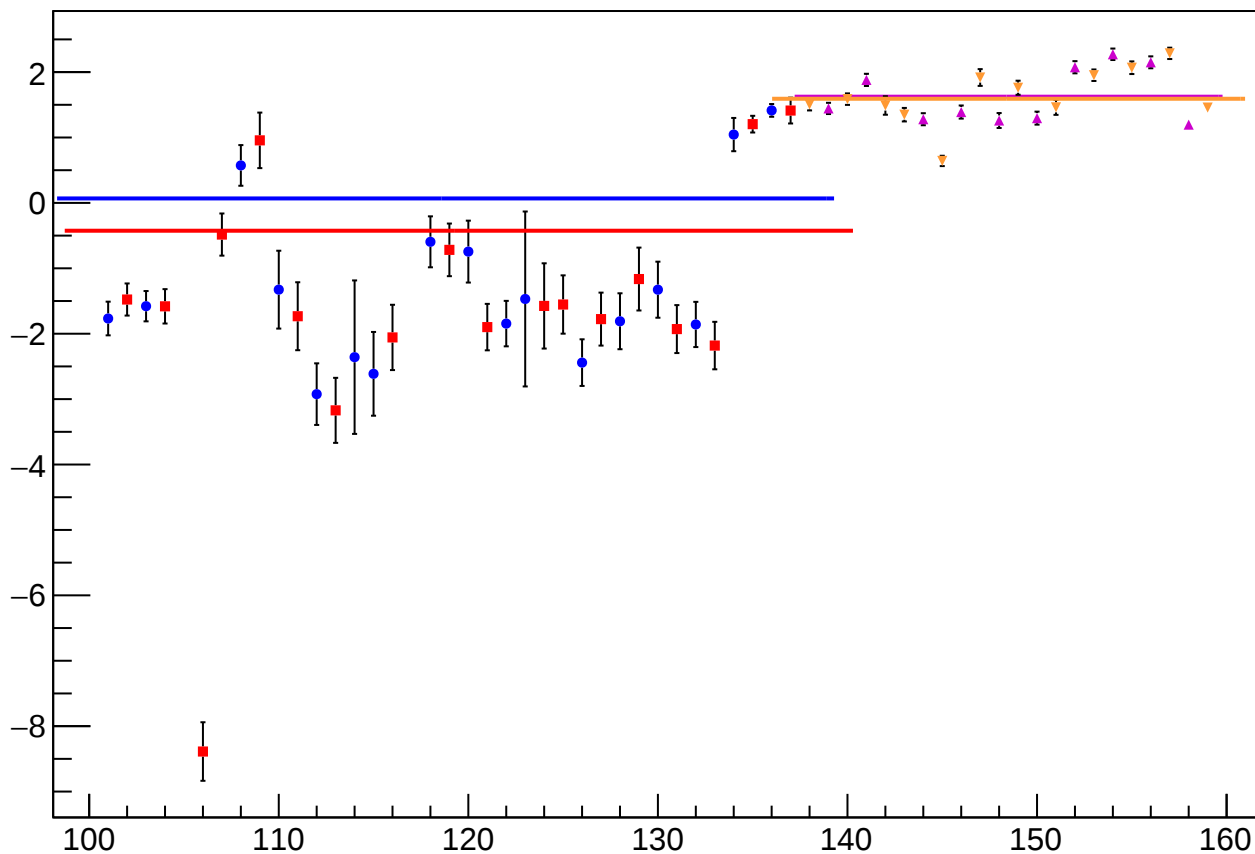
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.829 ± 0.559 χ^2/NDF : 2257.9/26

Out: -147.944 ± 0.540 χ^2/NDF : 1491.0/29

All: -146.441 ± 0.389 χ^2/NDF : 3764.9/56

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: 1.592 $\pm$ 0.028 χ^2 /NDF:269.3/11

Right Out: -0.425 $\pm$ 0.071 χ^2 /NDF: 742.9/17

Left In: 1.624 $\pm$ 0.029 χ^2 /NDF:197.4/9

Left: 1.607 $\pm$ 0.020 χ^2 /NDF: 467.4/21

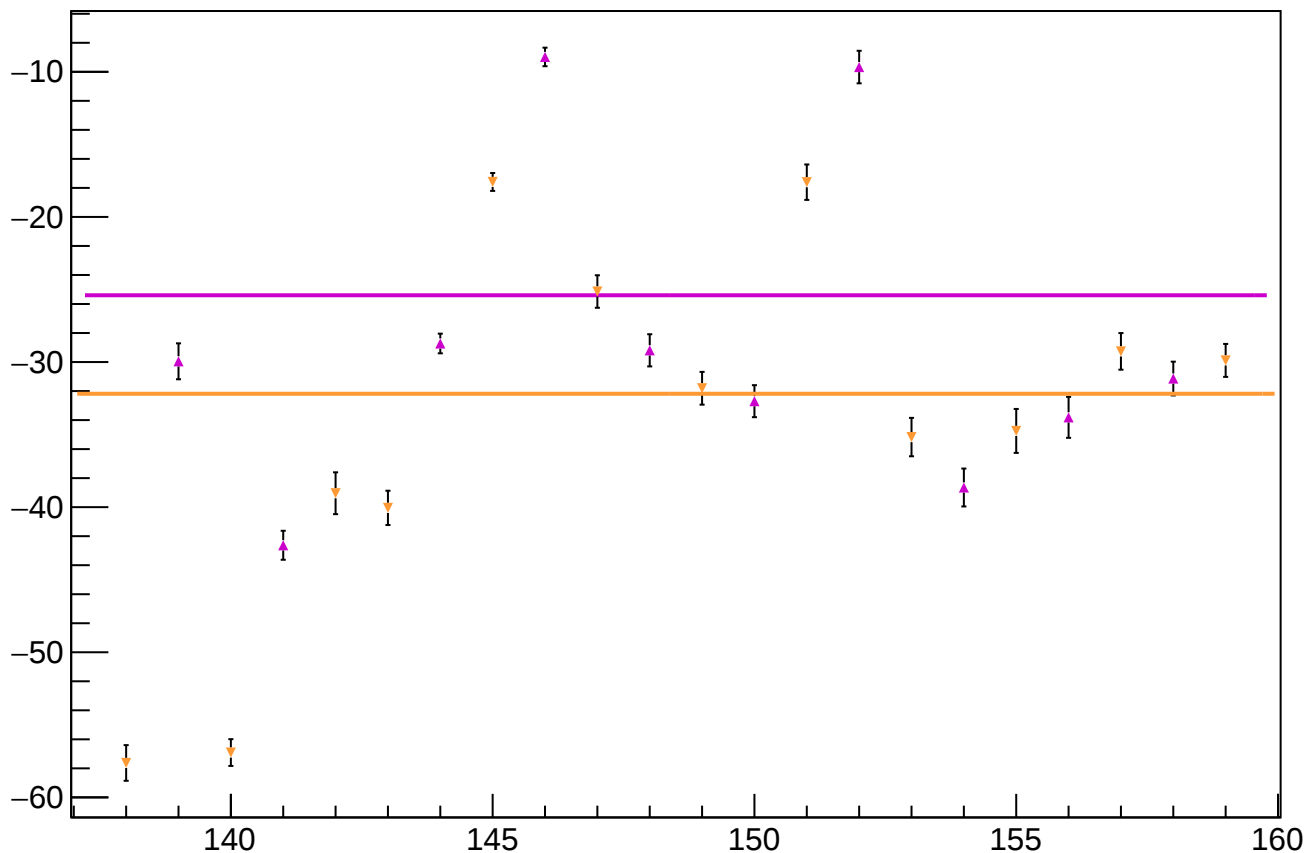
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.380 $\pm$ 0.027 χ^2 /NDF:1177.6/26

Out: 1.329 $\pm$ 0.026 χ^2 /NDF:1709.4/29

All: 1.353 $\pm$ 0.018 χ^2 /NDF: 2888.9/56

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -25.398+/-0.308 χ^2/NDF :1411.9/9

Left: -28.756+/-0.219 χ^2/NDF : 3624.6/21

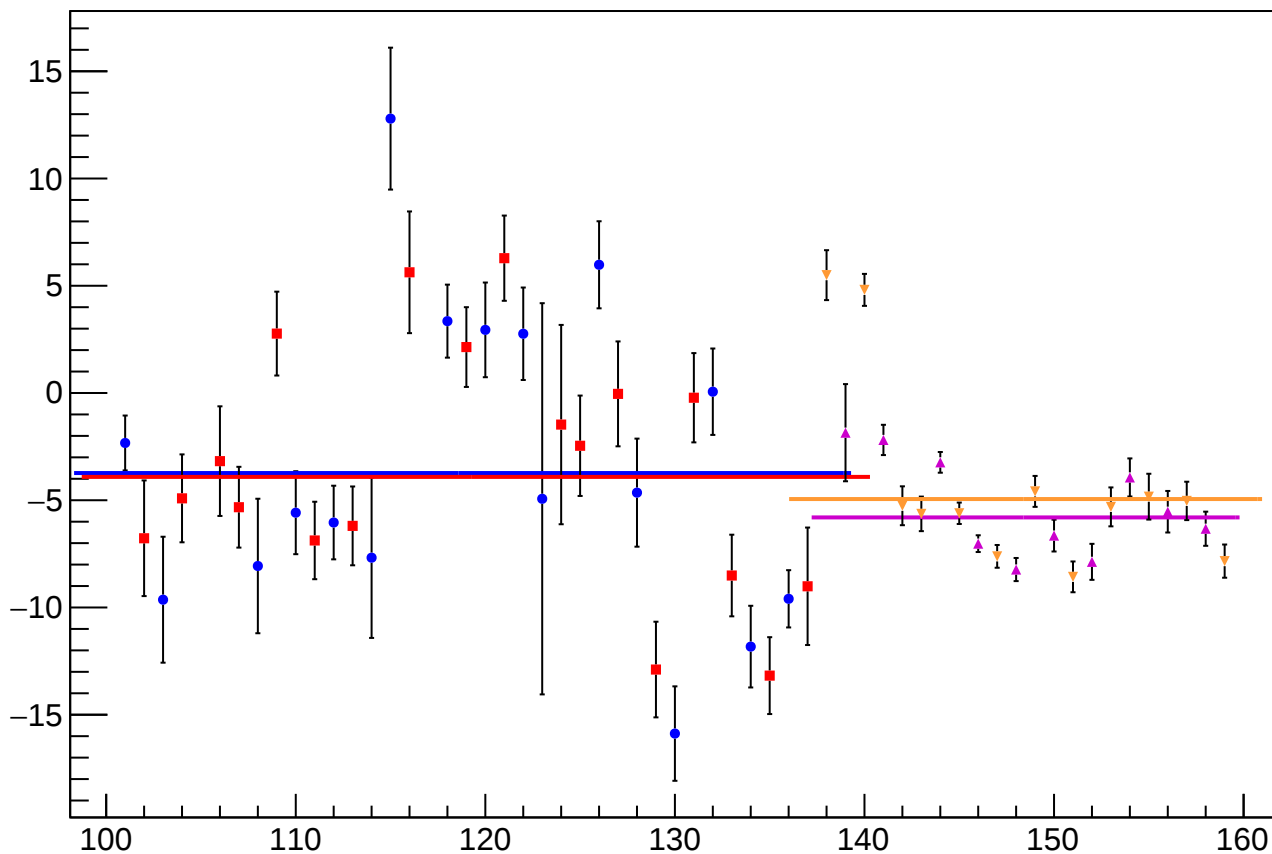
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -25.398+/-0.308 χ^2/NDF :1411.9/9

Out: -32.185+/-0.311 χ^2/NDF :1972.4/11

All: -28.756+/-0.219 χ^2/NDF : 3624.6/21

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.732 ± 0.496 $\chi^2/\text{NDF}: 165.8/16$

Left Out: -4.944 ± 0.214 $\chi^2/\text{NDF}: 319.6/11$

Right Out: -3.912 ± 0.507 $\chi^2/\text{NDF}: 124.8/17$

Left In: -5.801 ± 0.206 $\chi^2/\text{NDF}: 100.0/9$

Left: -5.391 ± 0.148 $\chi^2/\text{NDF}: 427.9/21$

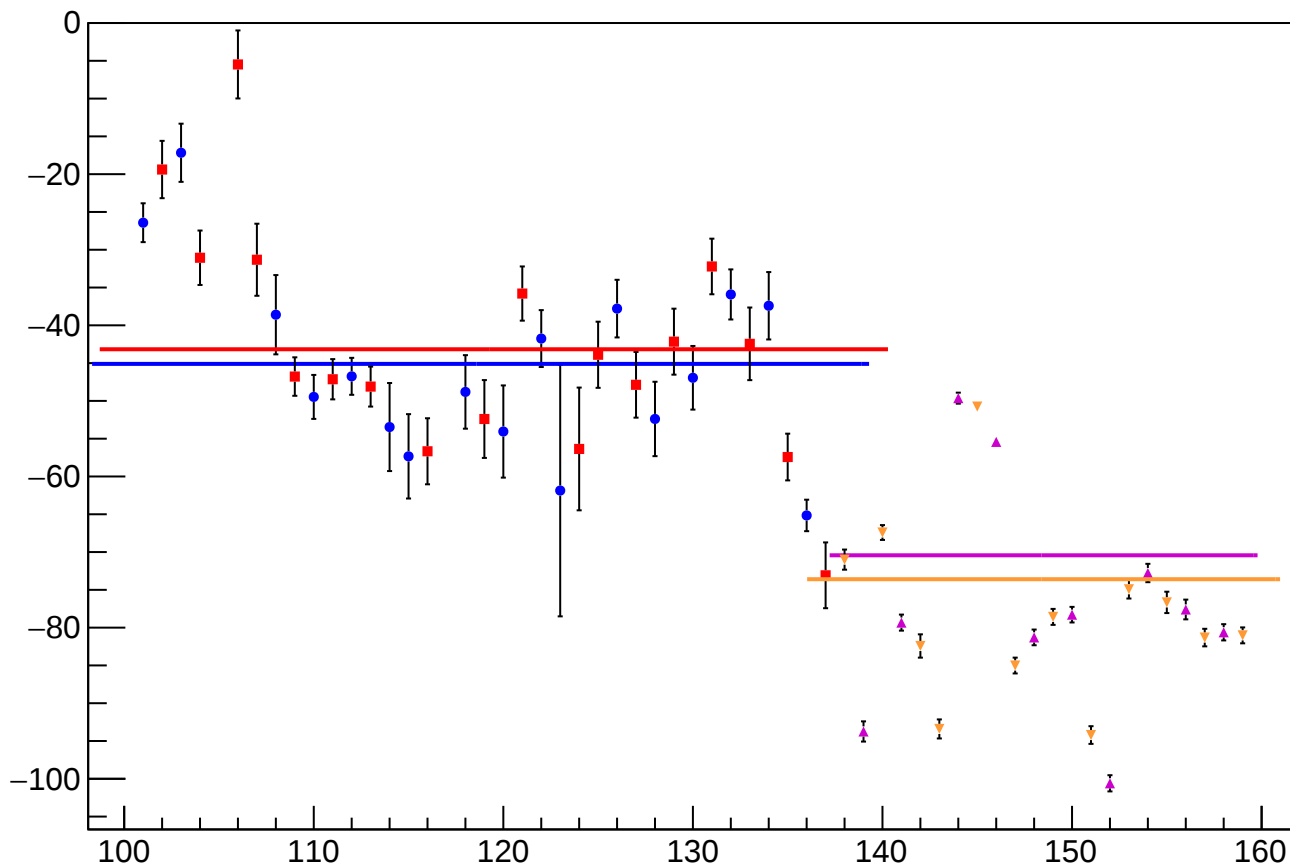
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.497 ± 0.190 $\chi^2/\text{NDF}: 280.7/26$

Out: -4.787 ± 0.198 $\chi^2/\text{NDF}: 447.9/29$

All: -5.156 ± 0.137 $\chi^2/\text{NDF}: 735.3/56$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -73.592 ± 0.311 χ^2/NDF : 2090.3/11

Right Out: -43.167 ± 0.879 χ^2/NDF : 232.9/17

Left In: -70.428 ± 0.303 χ^2/NDF : 2873.0/9

Left: -71.970 ± 0.217 χ^2/NDF : 5016.3/21

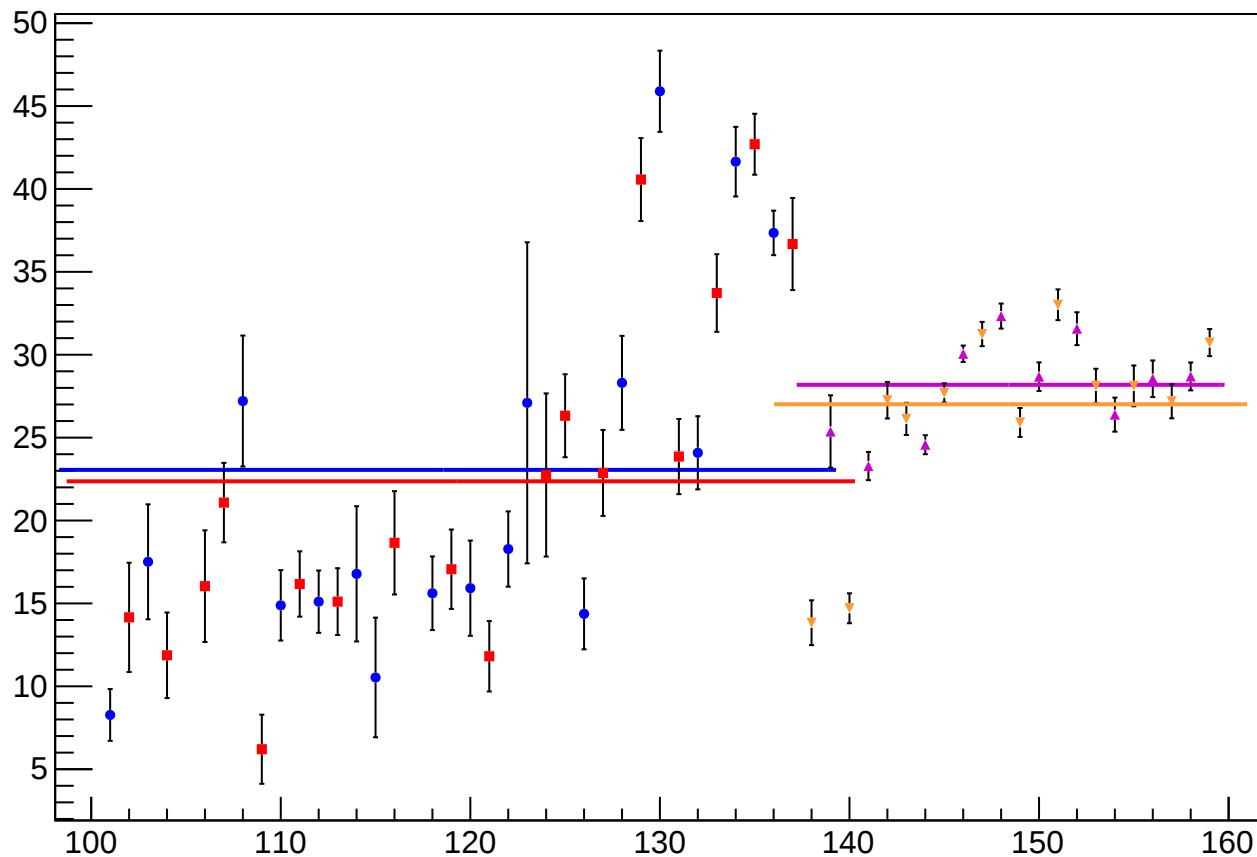
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -67.752 ± 0.287 χ^2/NDF : 3840.1/26

Out: -70.205 ± 0.293 χ^2/NDF : 3387.4/29

All: -68.951 ± 0.205 χ^2/NDF : 7263.3/56

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 $\pm$ 0.557 χ^2 /NDF: 461.1/16

Left Out: 27.011 $\pm$ 0.258 χ^2 /NDF:382.8/11

Right Out: 22.365 $\pm$ 0.573 χ^2 /NDF: 368.8/17

Left In: 28.186 $\pm$ 0.250 χ^2 /NDF:134.5/9

Left: 27.617 $\pm$ 0.179 χ^2 /NDF: 528.0/21

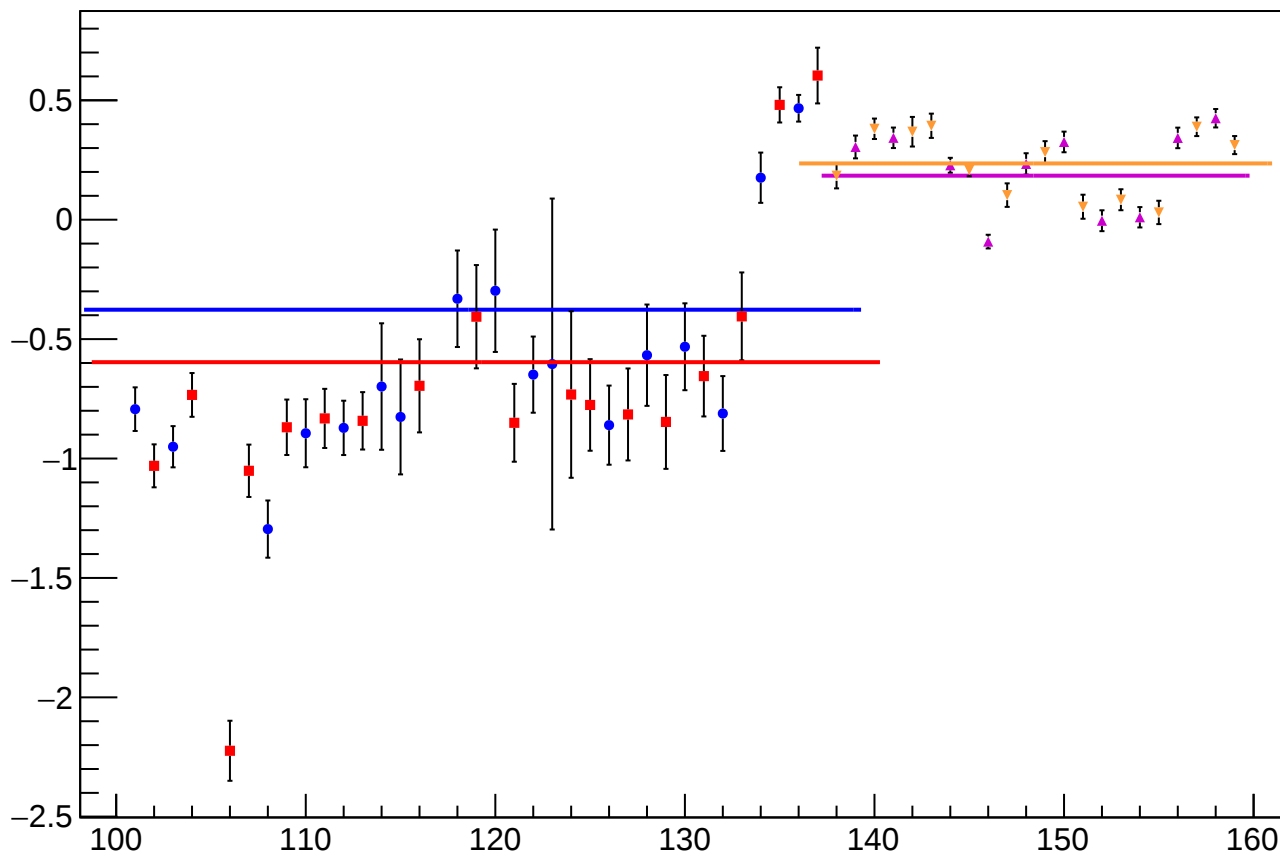
Right: 22.720 $\pm$ 0.399 χ^2 /NDF: 830.6/34

In: 27.326 $\pm$ 0.228 χ^2 /NDF:666.3/26

Out: 26.229 $\pm$ 0.235 χ^2 /NDF:806.3/29

All: 26.794 $\pm$ 0.164 χ^2 /NDF: 1483.8/56

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 χ^2/NDF : 437.4/16

Left Out: 0.236 ± 0.012 χ^2/NDF : 98.2/11

Right Out: -0.597 ± 0.030 χ^2/NDF : 551.3/17

Left In: 0.184 ± 0.012 χ^2/NDF : 214.3/9

Left: 0.210 ± 0.009 χ^2/NDF : 321.2/21

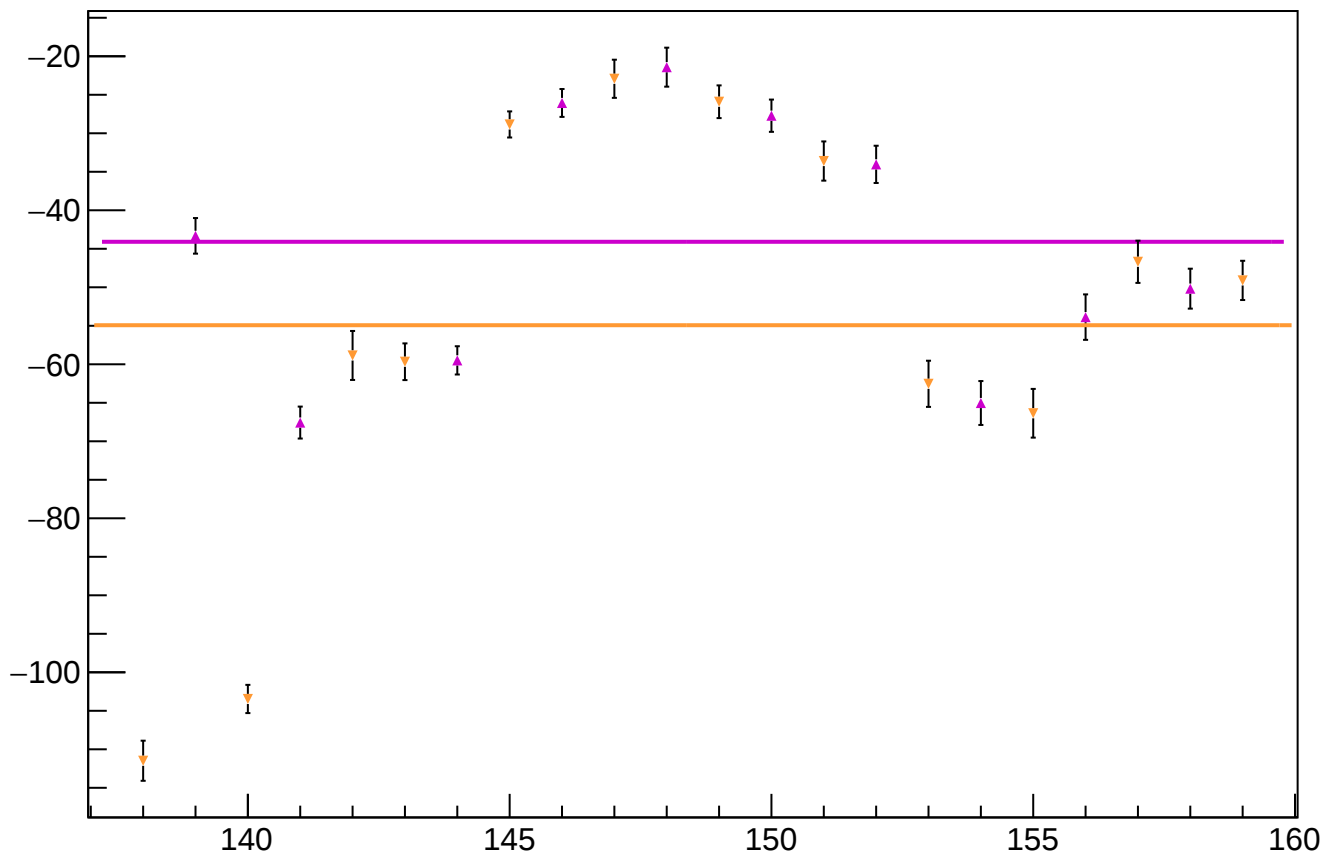
Right: -0.486 ± 0.021 χ^2/NDF : 1015.2/34

In: 0.103 ± 0.011 χ^2/NDF : 949.2/26

Out: 0.118 ± 0.011 χ^2/NDF : 1299.4/29

All: 0.111 ± 0.008 χ^2/NDF : 2249.4/56

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -54.927 ± 0.689 χ^2/NDF : 1872.6/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -44.092 ± 0.714 χ^2/NDF : 526.8/9

Left: -49.699 ± 0.496 χ^2/NDF : 2518.7/21

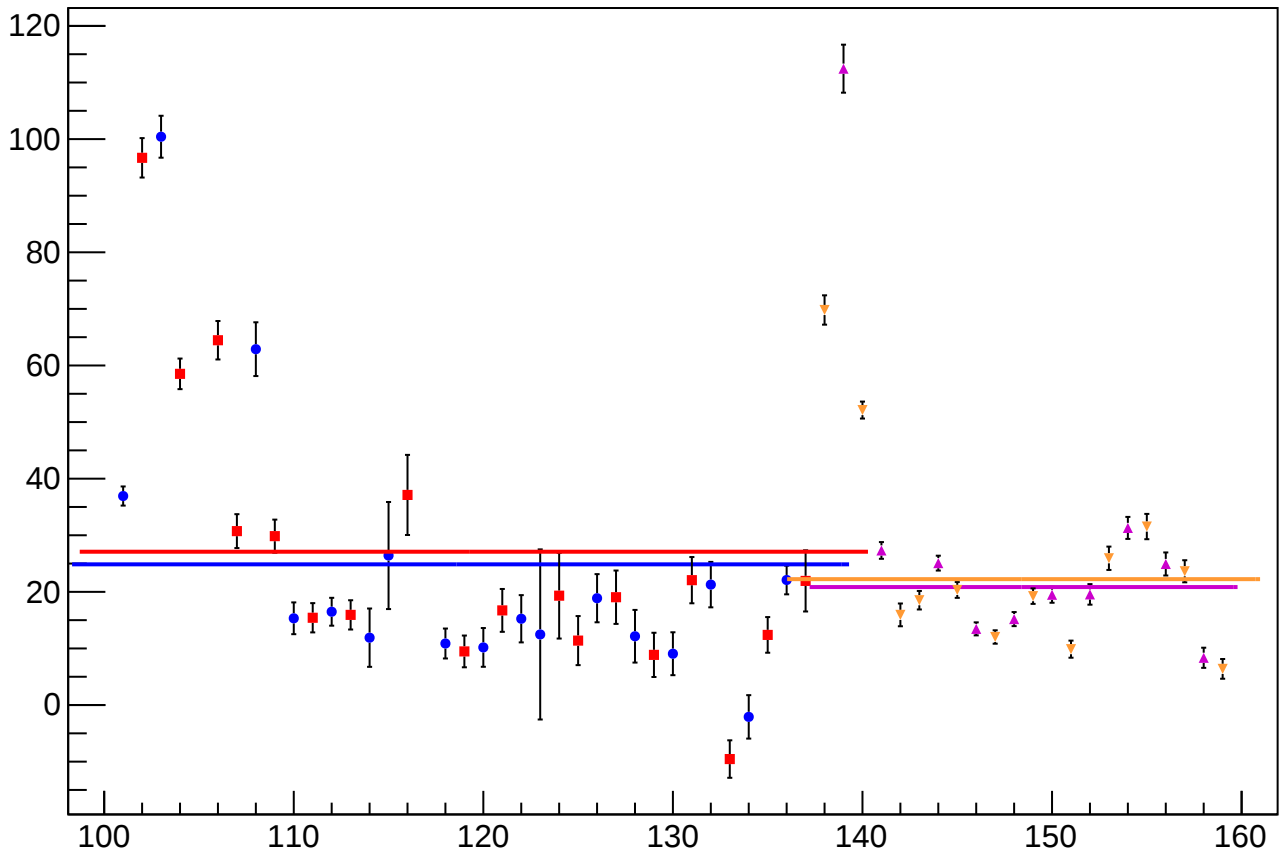
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -44.092 ± 0.714 χ^2/NDF : 526.8/9

Out: -54.927 ± 0.689 χ^2/NDF : 1872.6/11

All: -49.699 ± 0.496 χ^2/NDF : 2518.7/21

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 24.863 $\pm$ 0.802 χ^2 /NDF: 691.0/16

Left Out: 22.246 $\pm$ 0.475 χ^2 /NDF: 1000.4/11

Right Out: 27.093 $\pm$ 0.812 χ^2 /NDF: 930.9/17

Left In: 20.848 $\pm$ 0.493 χ^2 /NDF: 641.2/9

Left: 21.574 $\pm$ 0.342 χ^2 /NDF: 1645.8/21

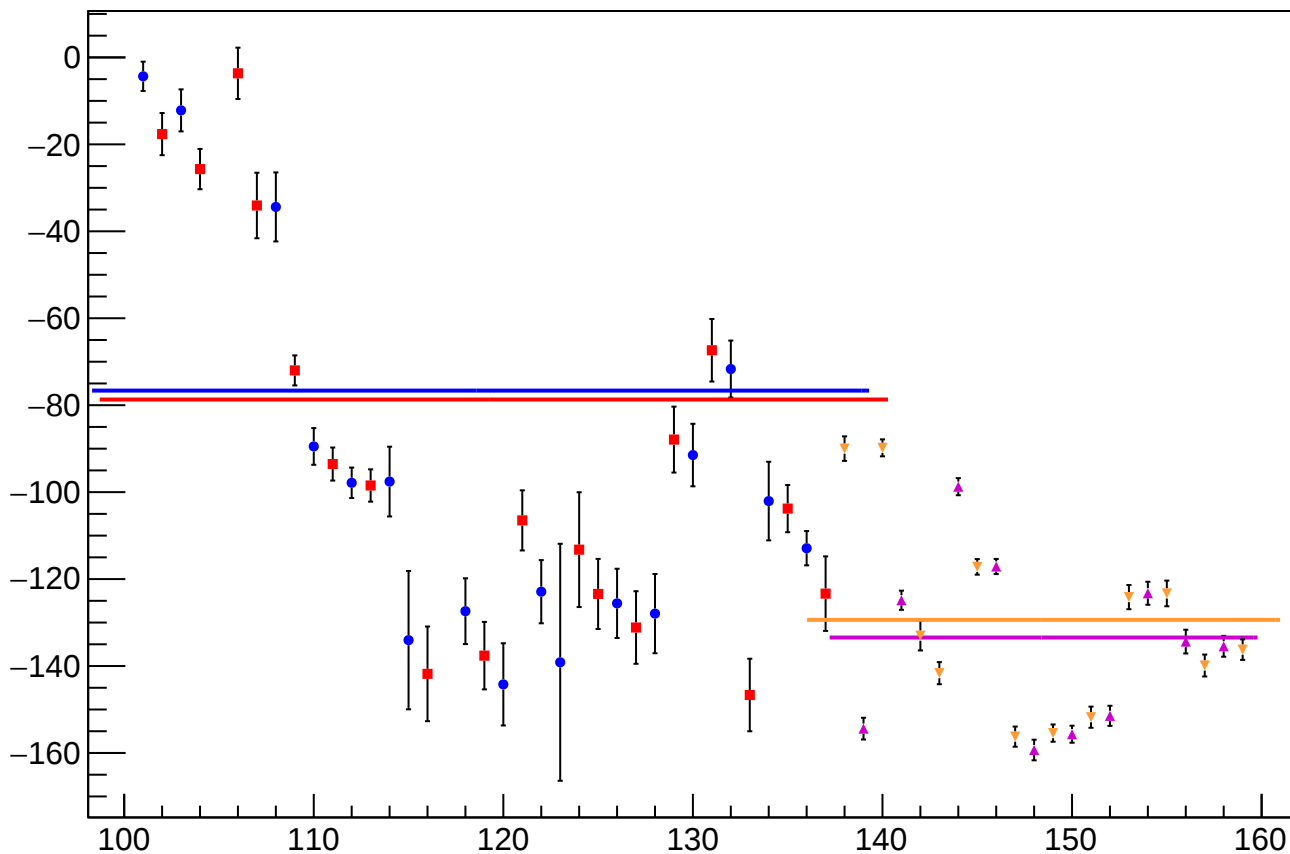
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 21.949 $\pm$ 0.420 χ^2 /NDF: 1350.4/26

Out: 23.481 $\pm$ 0.410 χ^2 /NDF: 1957.9/29

All: 22.734 $\pm$ 0.293 χ^2 /NDF: 3315.2/56

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: -129.380 ± 0.685 $\chi^2/\text{NDF}: 1101.3/11$

Right Out: -78.695 ± 1.360 $\chi^2/\text{NDF}: 836.5/17$

Left In: -133.446 ± 0.702 $\chi^2/\text{NDF}: 809.0/9$

Left: -131.364 ± 0.490 $\chi^2/\text{NDF}: 1927.4/21$

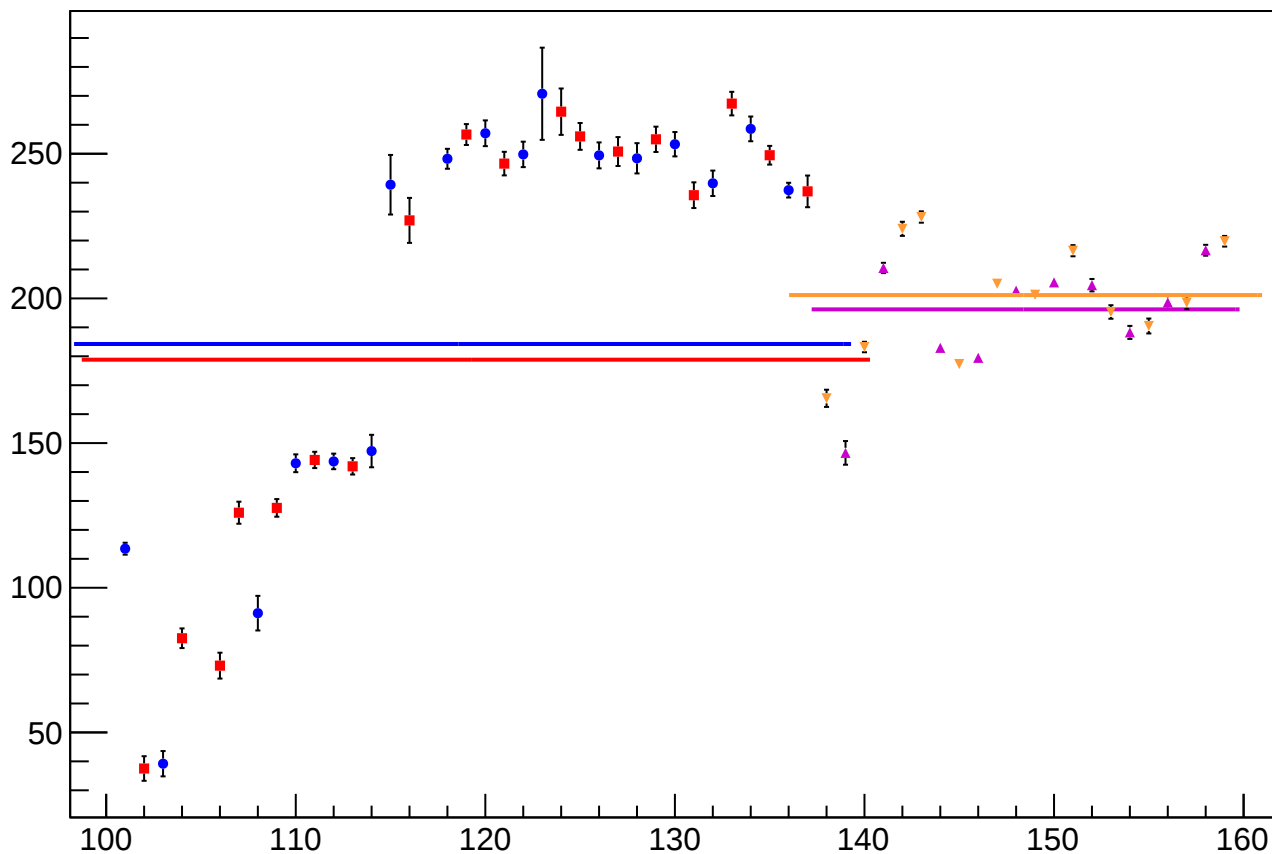
Right: -77.709 ± 0.980 $\chi^2/\text{NDF}: 1878.3/34$

In: -122.230 ± 0.629 $\chi^2/\text{NDF}: 3143.5/26$

Out: -119.118 ± 0.612 $\chi^2/\text{NDF}: 3045.6/29$

All: -120.632 ± 0.438 $\chi^2/\text{NDF}: 6201.6/56$

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: 201.158 $\pm$ 0.570 χ^2 /NDF:935.7/11

Right Out: 178.822 $\pm$ 0.926 χ^2 /NDF: 6171.0/17

Left In: 196.212 $\pm$ 0.590 χ^2 /NDF:615.4/9

Left: 198.772 $\pm$ 0.410 χ^2 /NDF: 1587.5/21

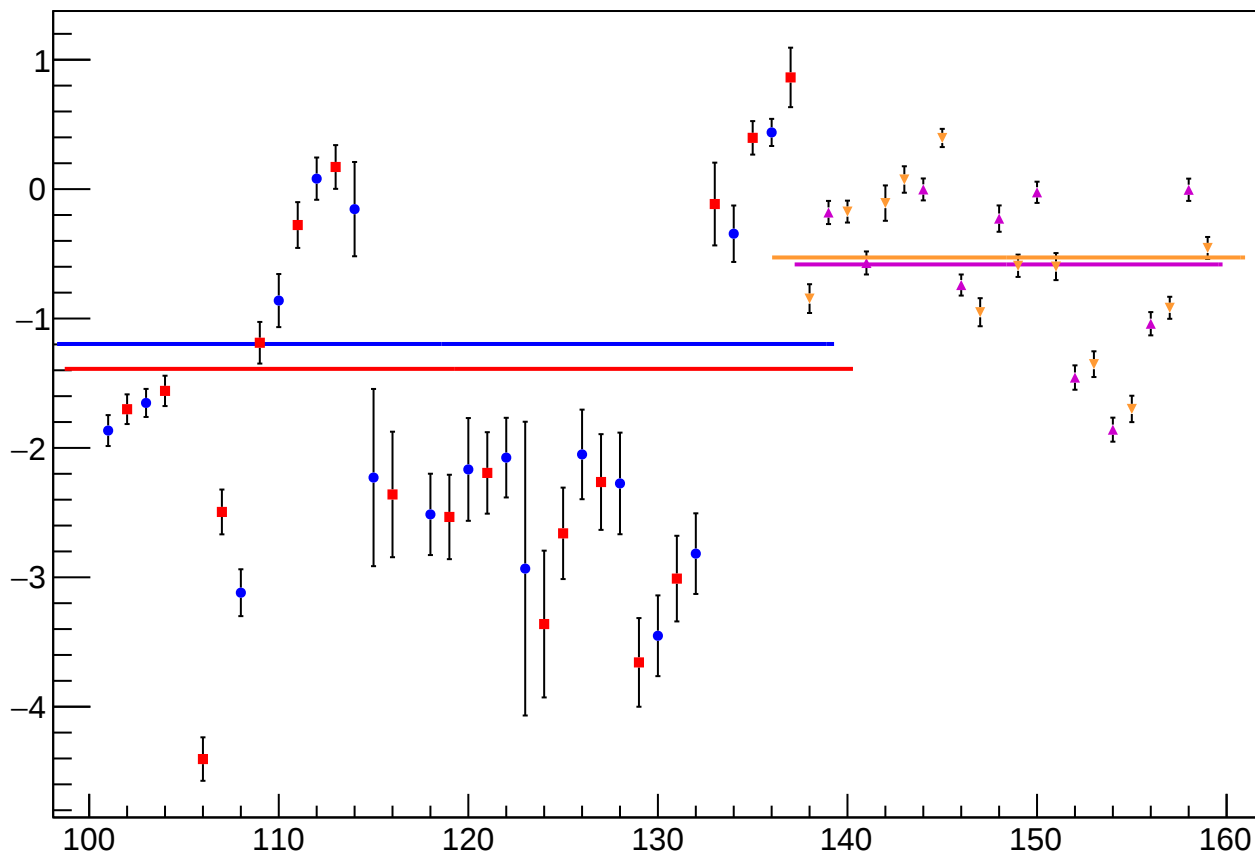
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 192.696 $\pm$ 0.496 χ^2 /NDF:6124.7/26

Out: 195.018 $\pm$ 0.485 χ^2 /NDF:7528.8/29

All: 193.883 $\pm$ 0.347 χ^2 /NDF: 13664.7/56

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.528 ± 0.027 χ^2/NDF : 480.7/11

Right Out: -1.389 ± 0.046 χ^2/NDF : 922.2/17

Left In: -0.582 ± 0.028 χ^2/NDF : 475.3/9

Left: -0.554 ± 0.019 χ^2/NDF : 957.9/21

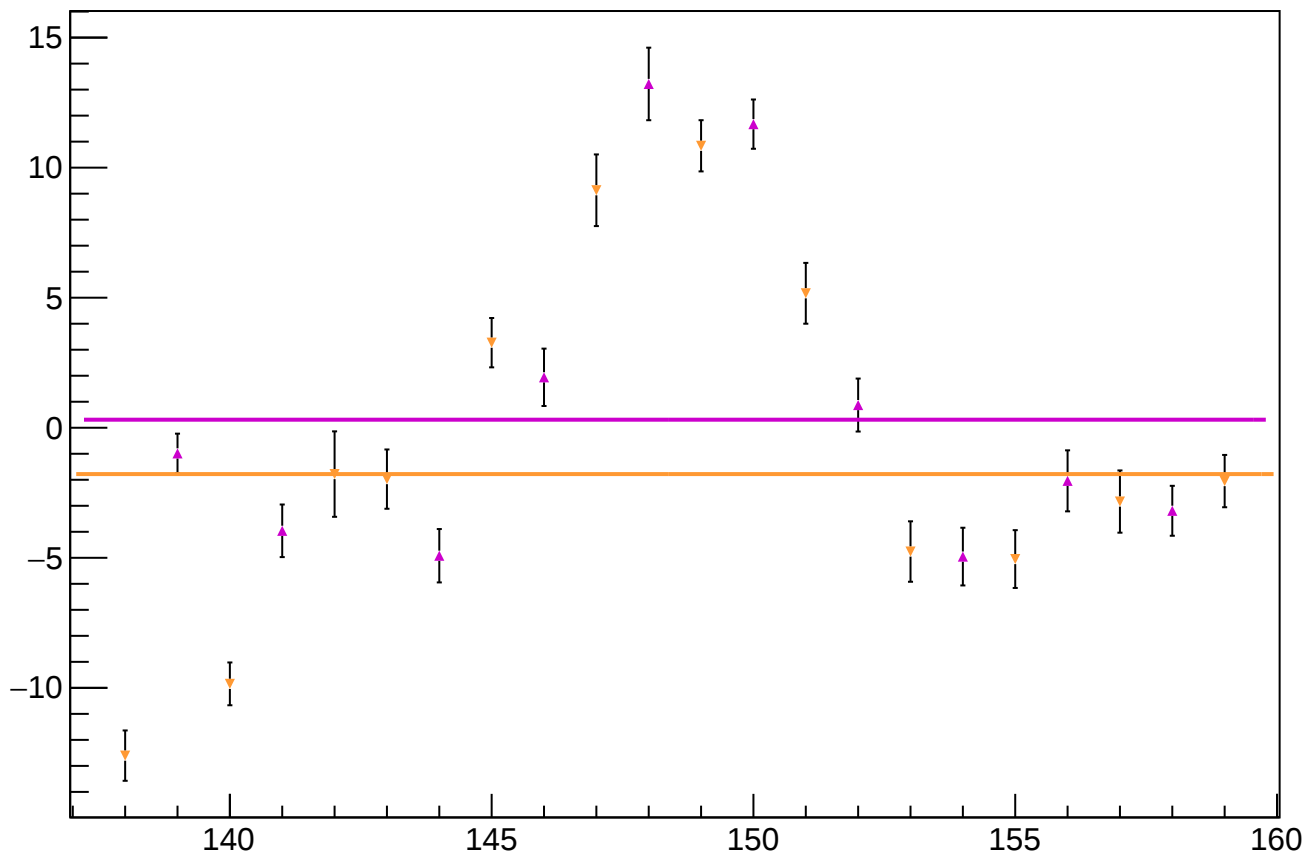
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.738 ± 0.024 χ^2/NDF : 1218.7/26

Out: -0.750 ± 0.023 χ^2/NDF : 1662.2/29

All: -0.744 ± 0.017 χ^2/NDF : 2881.0/56

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.781+/-0.311 χ^2/NDF : 528.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.310+/-0.321 χ^2/NDF : 318.6/9

Left: -0.768+/-0.223 χ^2/NDF : 868.7/21

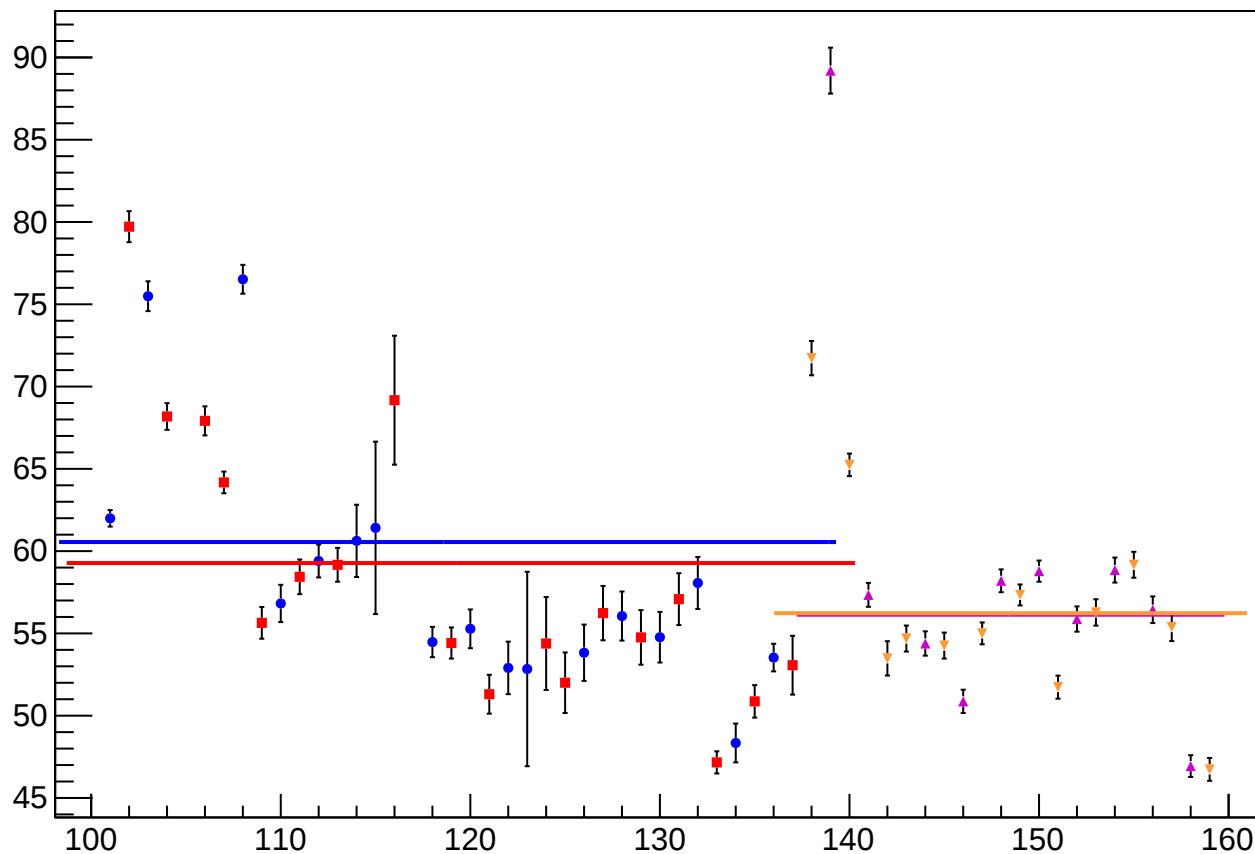
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.310+/-0.321 χ^2/NDF : 318.6/9

Out: -1.781+/-0.311 χ^2/NDF : 528.2/11

All: -0.768+/-0.223 χ^2/NDF : 868.7/21

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 ± 0.262 $\chi^2/\text{NDF}: 931.0/16$

Left Out: 56.229 ± 0.221 $\chi^2/\text{NDF}: 660.6/11$

Right Out: 59.276 ± 0.249 $\chi^2/\text{NDF}: 1274.8/17$

Left In: 56.135 ± 0.236 $\chi^2/\text{NDF}: 855.8/9$

Left: 56.185 ± 0.161 $\chi^2/\text{NDF}: 1516.5/21$

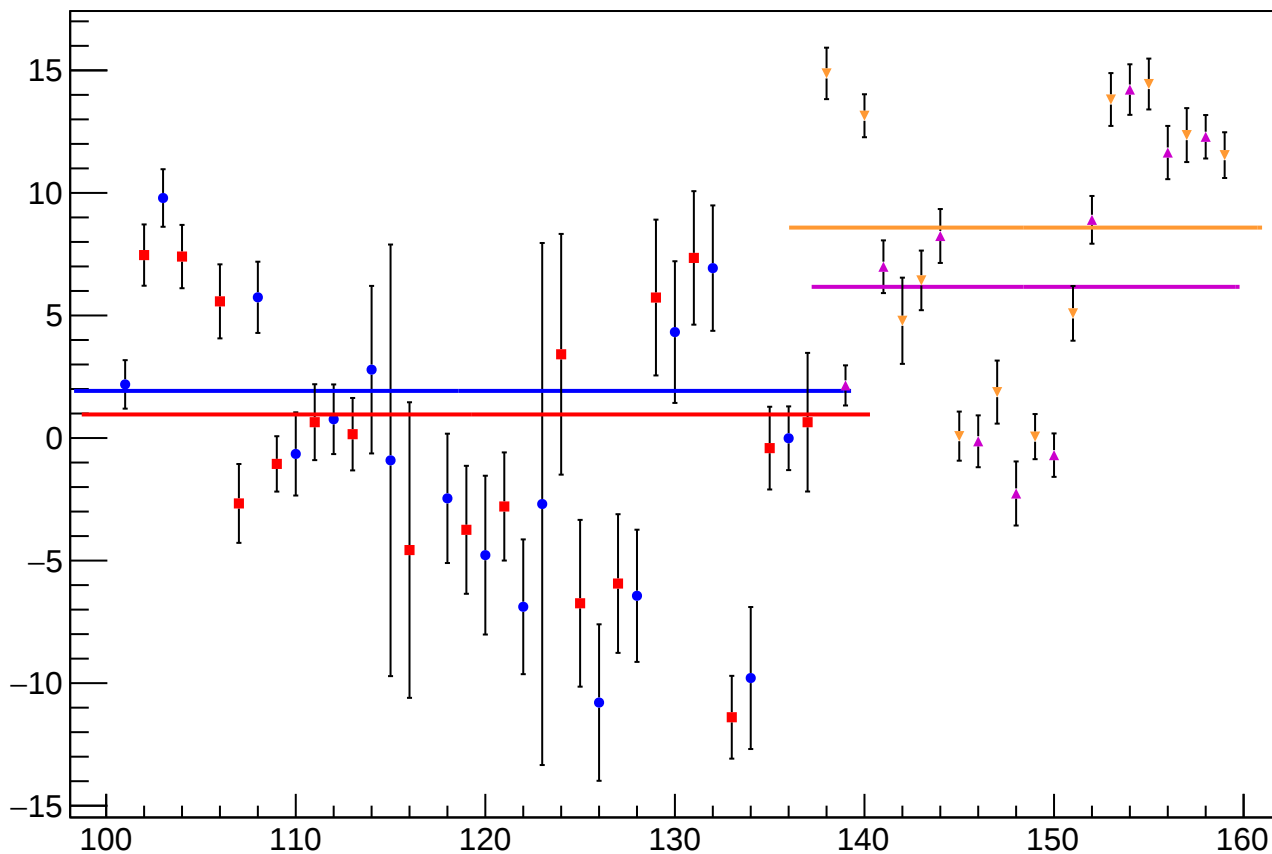
Right: 59.882 ± 0.180 $\chi^2/\text{NDF}: 2218.3/34$

In: 58.116 ± 0.175 $\chi^2/\text{NDF}: 1943.9/26$

Out: 57.569 ± 0.165 $\chi^2/\text{NDF}: 2019.3/29$

All: 57.826 ± 0.120 $\chi^2/\text{NDF}: 3968.3/56$

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: 8.586 ± 0.308 $\chi^2/\text{NDF}: 343.0/11$

Right Out: 0.962 ± 0.430 $\chi^2/\text{NDF}: 150.1/17$

Left In: 6.168 ± 0.315 $\chi^2/\text{NDF}: 307.3/9$

Left: 7.407 ± 0.220 $\chi^2/\text{NDF}: 680.3/21$

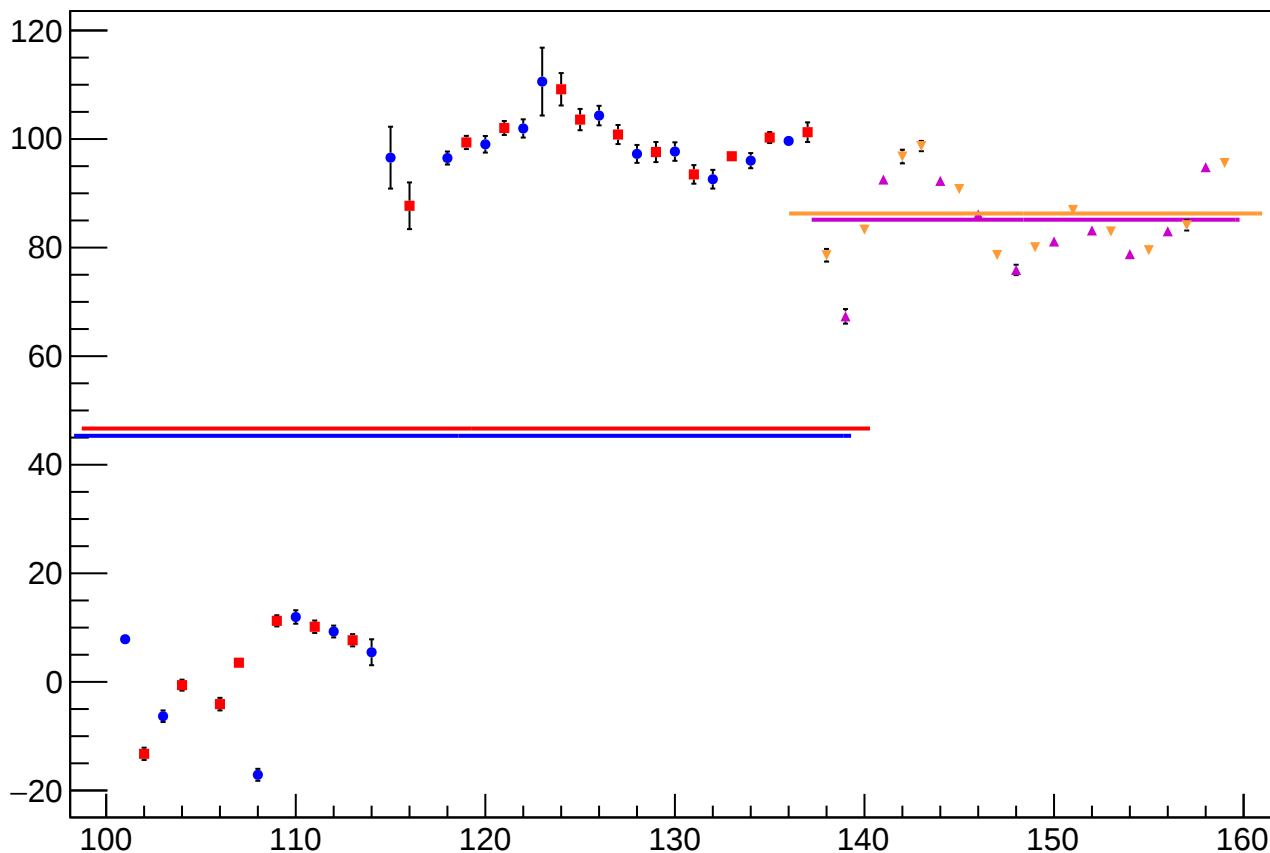
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 4.803 ± 0.260 $\chi^2/\text{NDF}: 486.6/26$

Out: 6.000 ± 0.250 $\chi^2/\text{NDF}: 701.1/29$

All: 5.424 ± 0.180 $\chi^2/\text{NDF}: 1198.7/56$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331+/-0.304 χ^2/NDF : 25006.9/16

Left Out: 86.280+/-0.261 χ^2/NDF : 697.9/11

Right Out: 46.673+/-0.291 χ^2/NDF : 27896.8/17

Left In: 85.137+/-0.276 χ^2/NDF : 692.6/9

Left: 85.741+/-0.189 χ^2/NDF : 1399.6/21

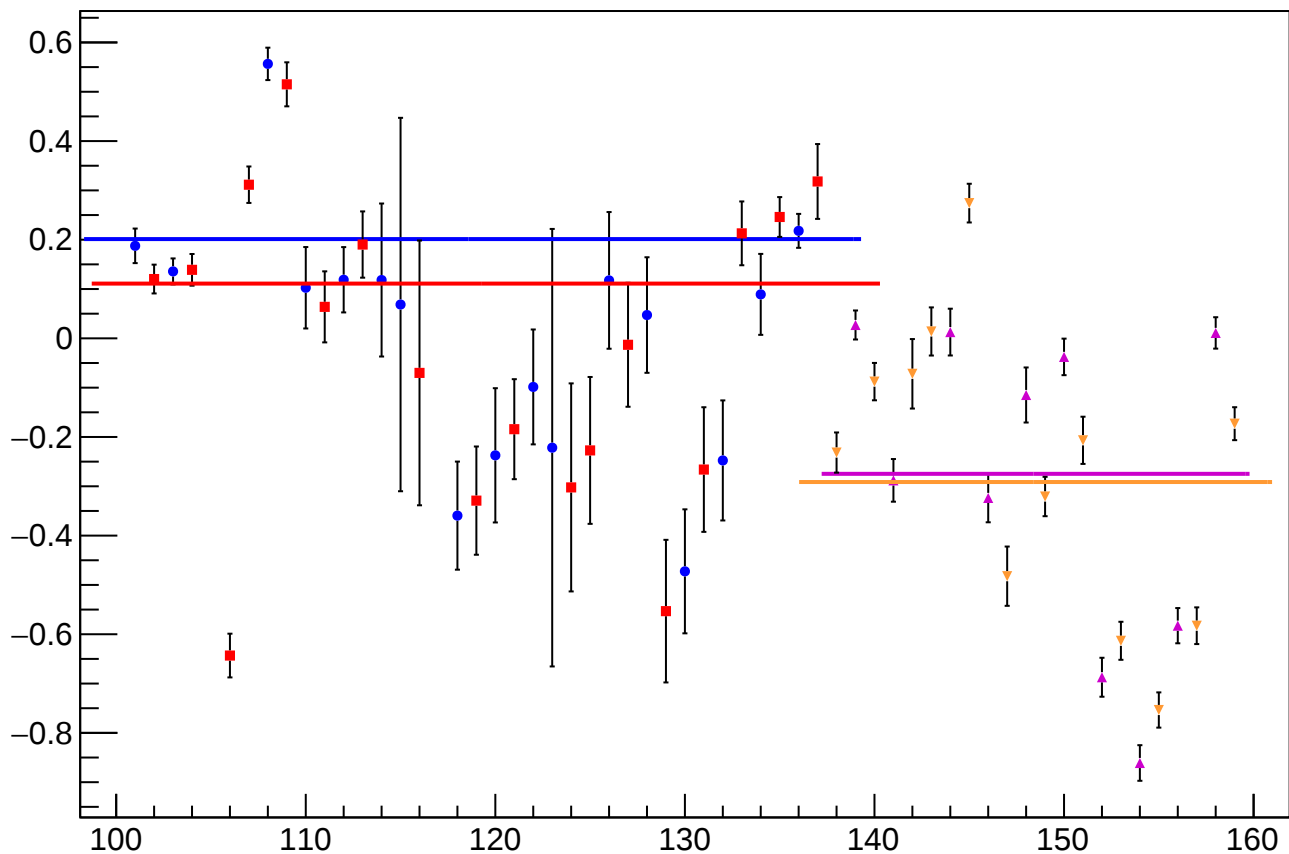
Right: 46.031+/-0.210 χ^2/NDF : 52913.9/34

In: 67.136+/-0.204 χ^2/NDF : 35116.5/26

Out: 68.630+/-0.194 χ^2/NDF : 38881.1/29

All: 67.921+/-0.141 χ^2/NDF : 74025.7/56

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.291 ± 0.012 χ^2/NDF : 612.3/11

Right Out: 0.111 ± 0.013 χ^2/NDF : 489.6/17

Left In: -0.275 ± 0.012 χ^2/NDF : 719.7/9

Left: -0.283 ± 0.009 χ^2/NDF : 1332.9/21

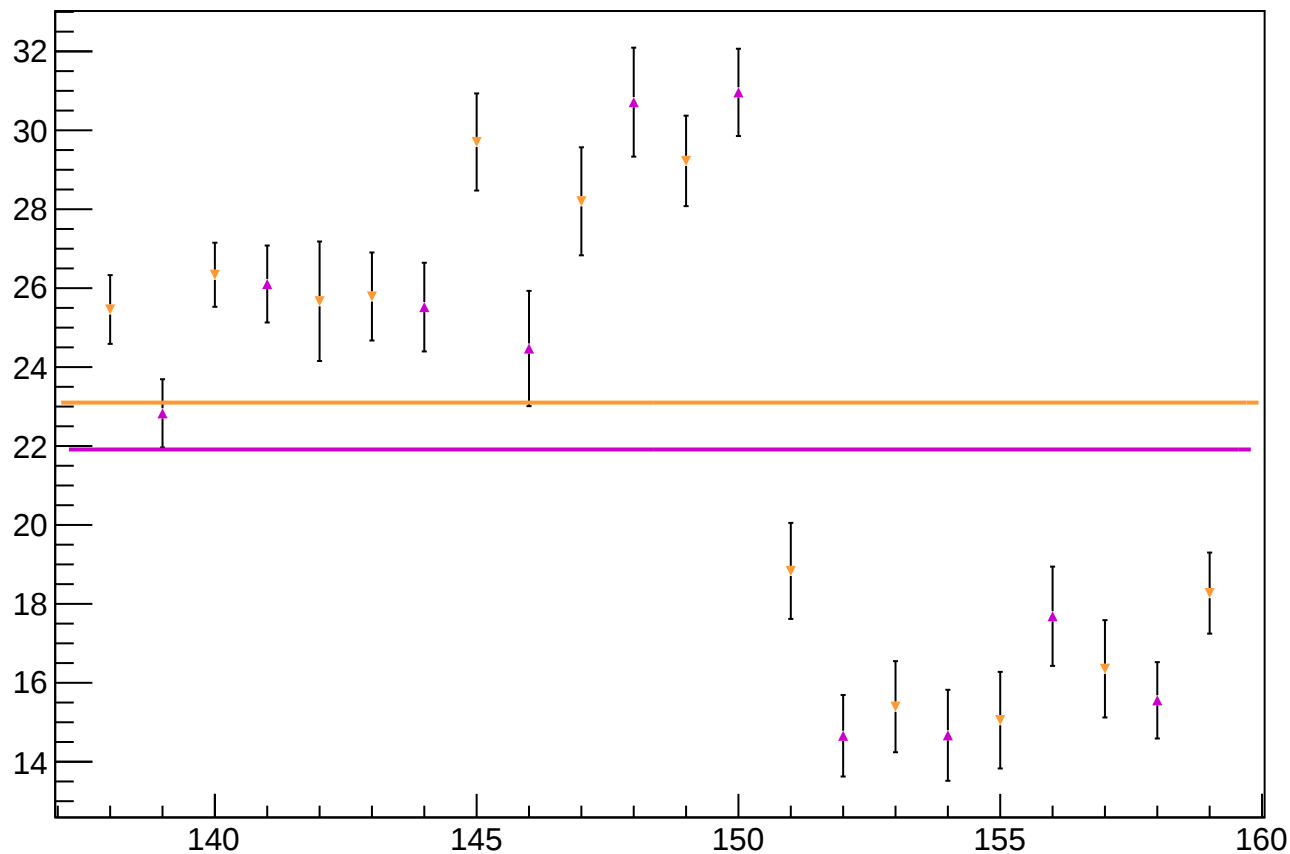
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.071 ± 0.009 χ^2/NDF : 1594.0/26

Out: -0.109 ± 0.009 χ^2/NDF : 1613.1/29

All: -0.091 ± 0.006 χ^2/NDF : 3216.3/56

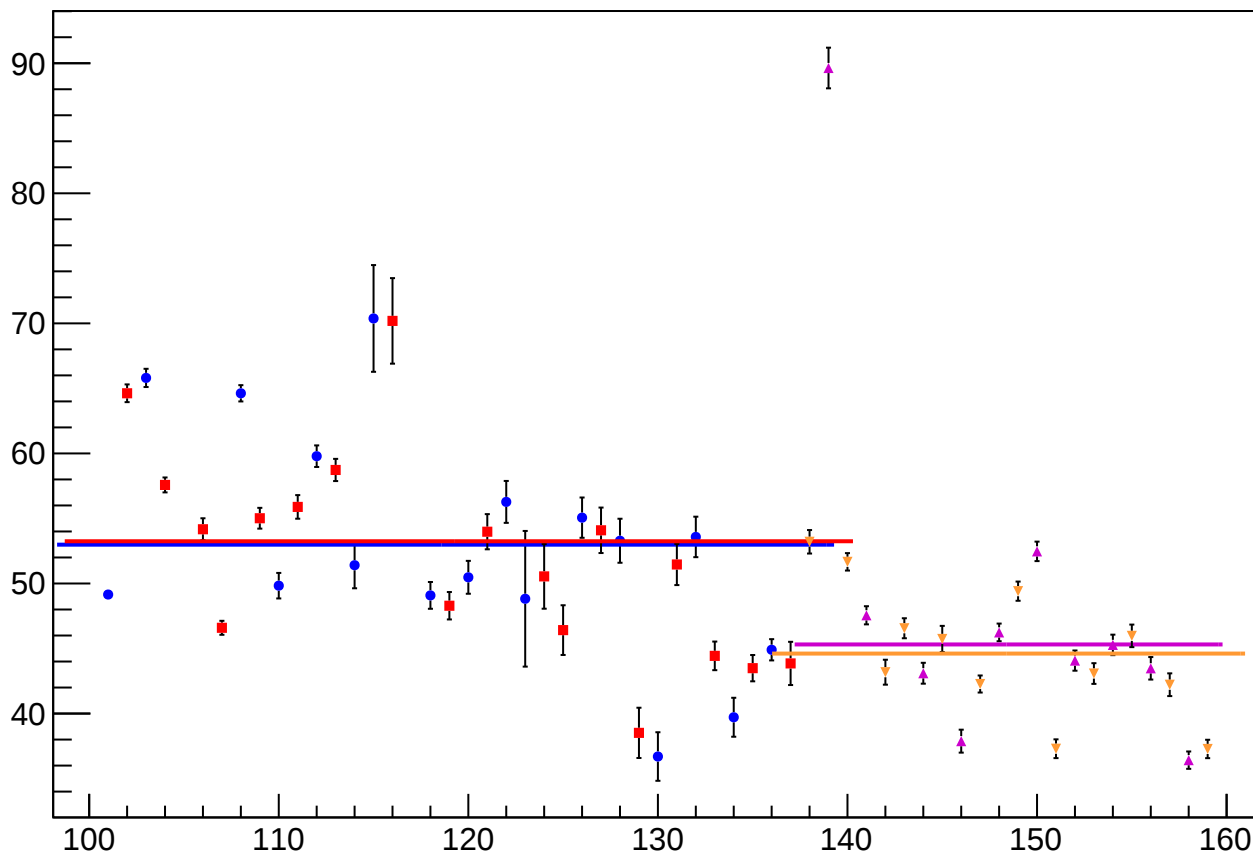
reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 21.912+/-0.345 χ^2/NDF :283.8/9

Left: 22.550+/-0.235 χ^2/NDF : 545.5/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 21.912+/-0.345 χ^2/NDF :283.8/9
 Out: 23.101+/-0.321 χ^2/NDF :255.3/11
 All: 22.550+/-0.235 χ^2/NDF : 545.5/21

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: 44.611 $\pm$ 0.226 χ^2 /NDF:490.3/11

Right Out: 53.248 $\pm$ 0.227 χ^2 /NDF: 856.4/17

Left In: 45.313 $\pm$ 0.249 χ^2 /NDF:1170.9/9

Left: 44.929 $\pm$ 0.168 χ^2 /NDF: 1665.5/21

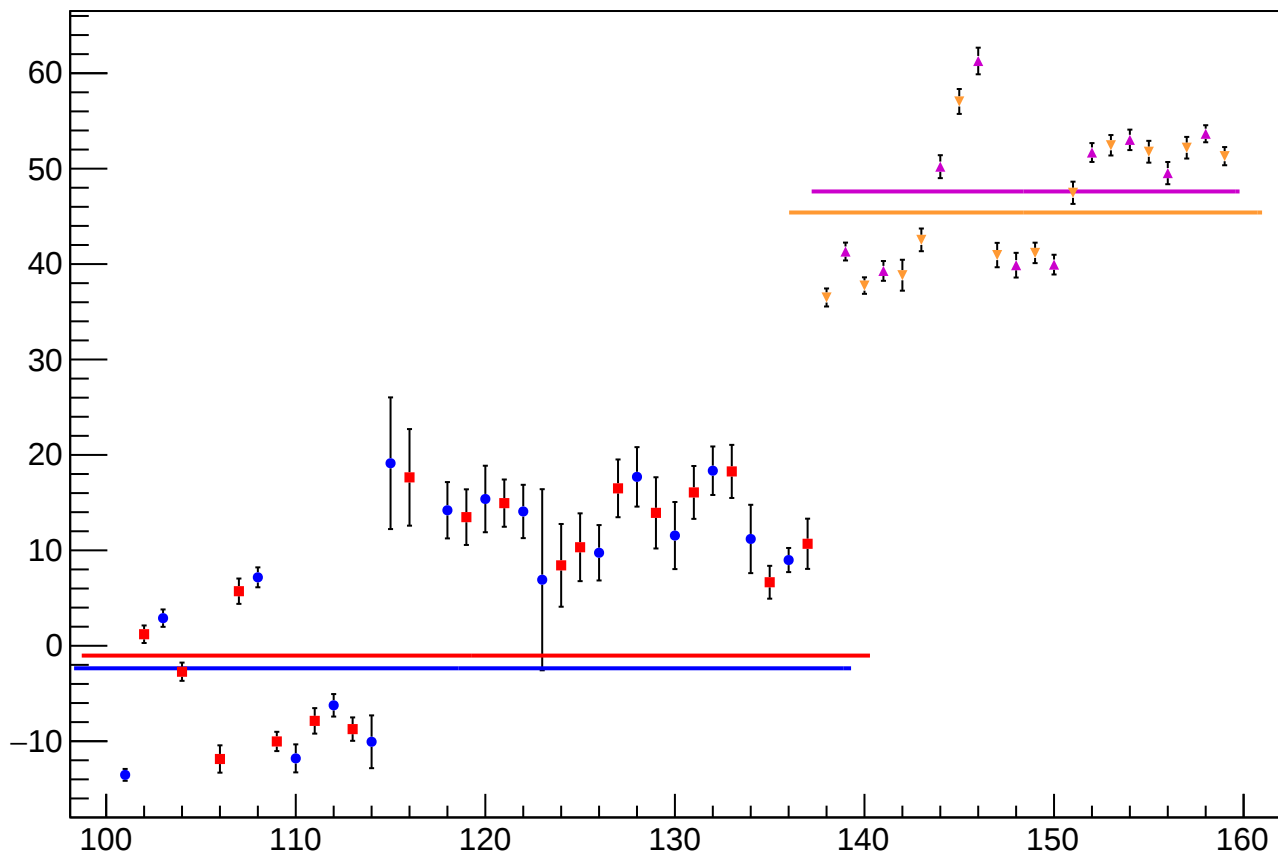
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 49.793 $\pm$ 0.161 χ^2 /NDF:2922.4/26

Out: 48.909 $\pm$ 0.160 χ^2 /NDF:2071.4/29

All: 49.350 $\pm$ 0.114 χ^2 /NDF: 5009.0/56

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 $\pm$ 0.364 χ^2/NDF : 837.7/16

Left Out: 45.405 $\pm$ 0.318 χ^2/NDF :448.5/11

Right Out: -1.028 $\pm$ 0.380 χ^2/NDF : 507.8/17

Left In: 47.609 $\pm$ 0.339 χ^2/NDF :392.1/9

Left: 46.437 $\pm$ 0.232 χ^2/NDF : 863.0/21

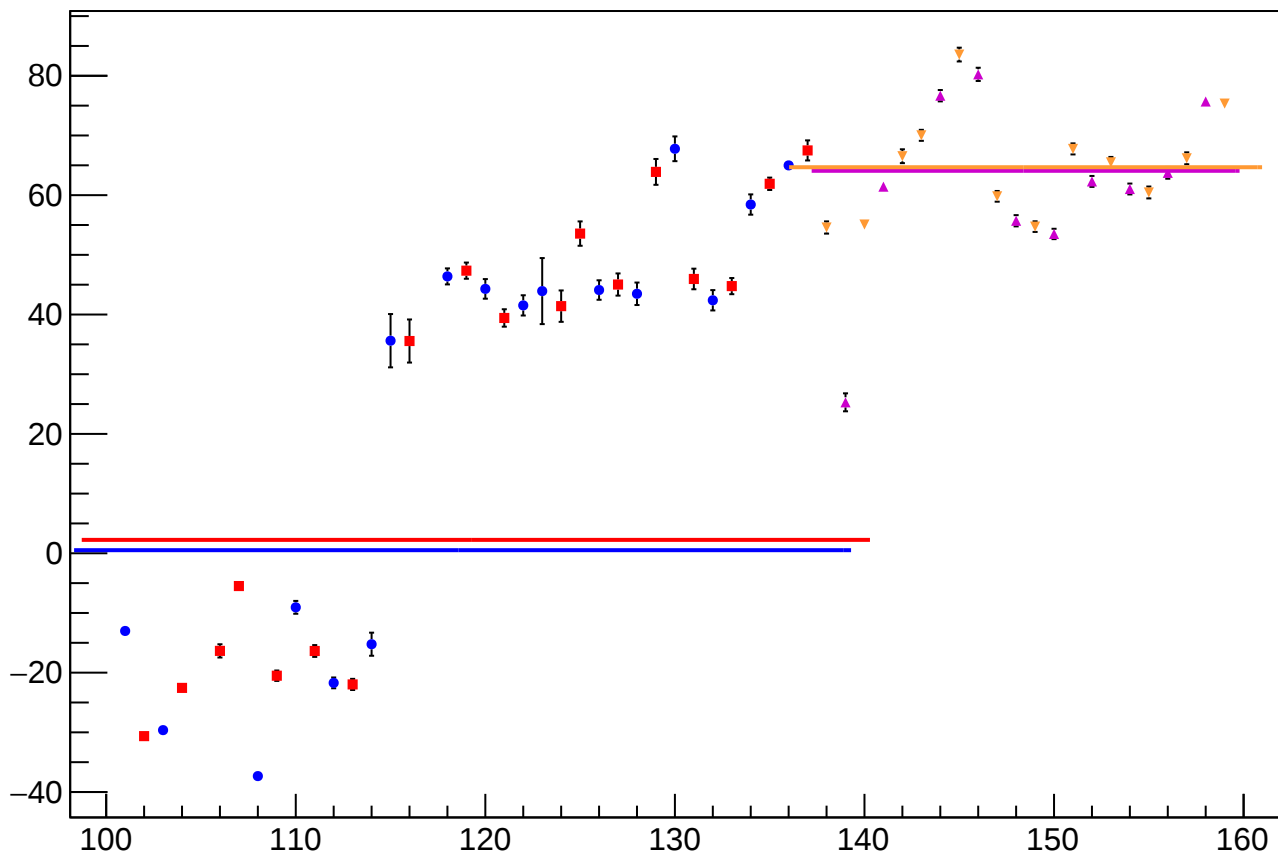
Right: -1.723 $\pm$ 0.263 χ^2/NDF : 1351.9/34

In: 24.397 $\pm$ 0.248 χ^2/NDF :11313.3/26

Out: 26.273 $\pm$ 0.244 χ^2/NDF :9723.5/29

All: 25.350 $\pm$ 0.174 χ^2/NDF : 21065.8/56

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518 $\pm$ 0.247 χ^2 /NDF: 18386.0/16

Left Out: 64.680 $\pm$ 0.269 χ^2 /NDF:933.7/11

Right Out: 2.246 $\pm$ 0.267 χ^2 /NDF: 15377.0/17

Left In: 64.082 $\pm$ 0.292 χ^2 /NDF:1577.0/9

Left: 64.406 $\pm$ 0.198 χ^2 /NDF: 2513.0/21

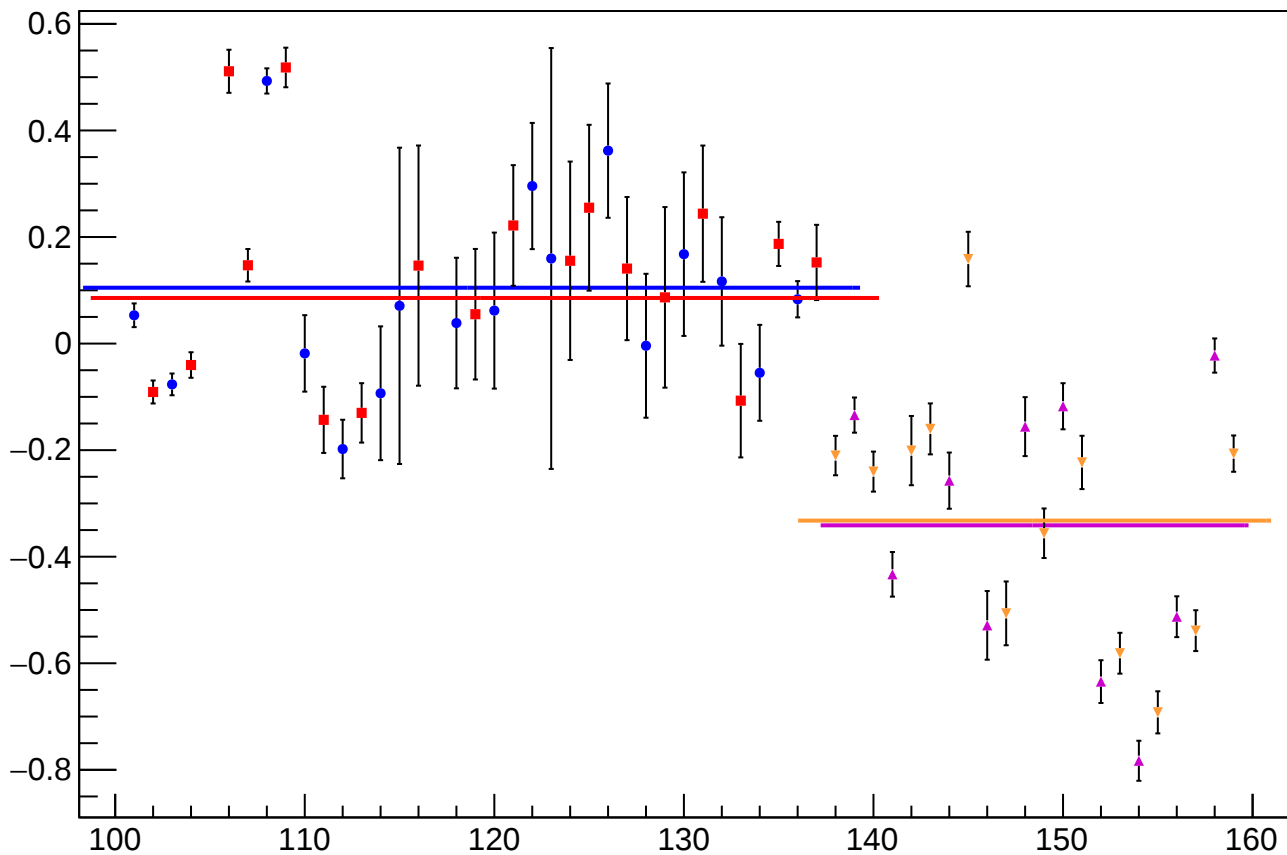
Right: 1.313 $\pm$ 0.181 χ^2 /NDF: 33785.6/34

In: 26.972 $\pm$ 0.189 χ^2 /NDF:47541.1/26

Out: 33.327 $\pm$ 0.189 χ^2 /NDF:43448.8/29

All: 30.136 $\pm$ 0.134 χ^2 /NDF: 91554.7/56

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.105 ± 0.011 $\chi^2/\text{NDF}: 400.8/16$

Left Out: -0.332 ± 0.012 $\chi^2/\text{NDF}: 307.4/11$

Right Out: 0.086 ± 0.011 $\chi^2/\text{NDF}: 388.3/17$

Left In: -0.341 ± 0.013 $\chi^2/\text{NDF}: 403.3/9$

Left: -0.336 ± 0.009 $\chi^2/\text{NDF}: 710.9/21$

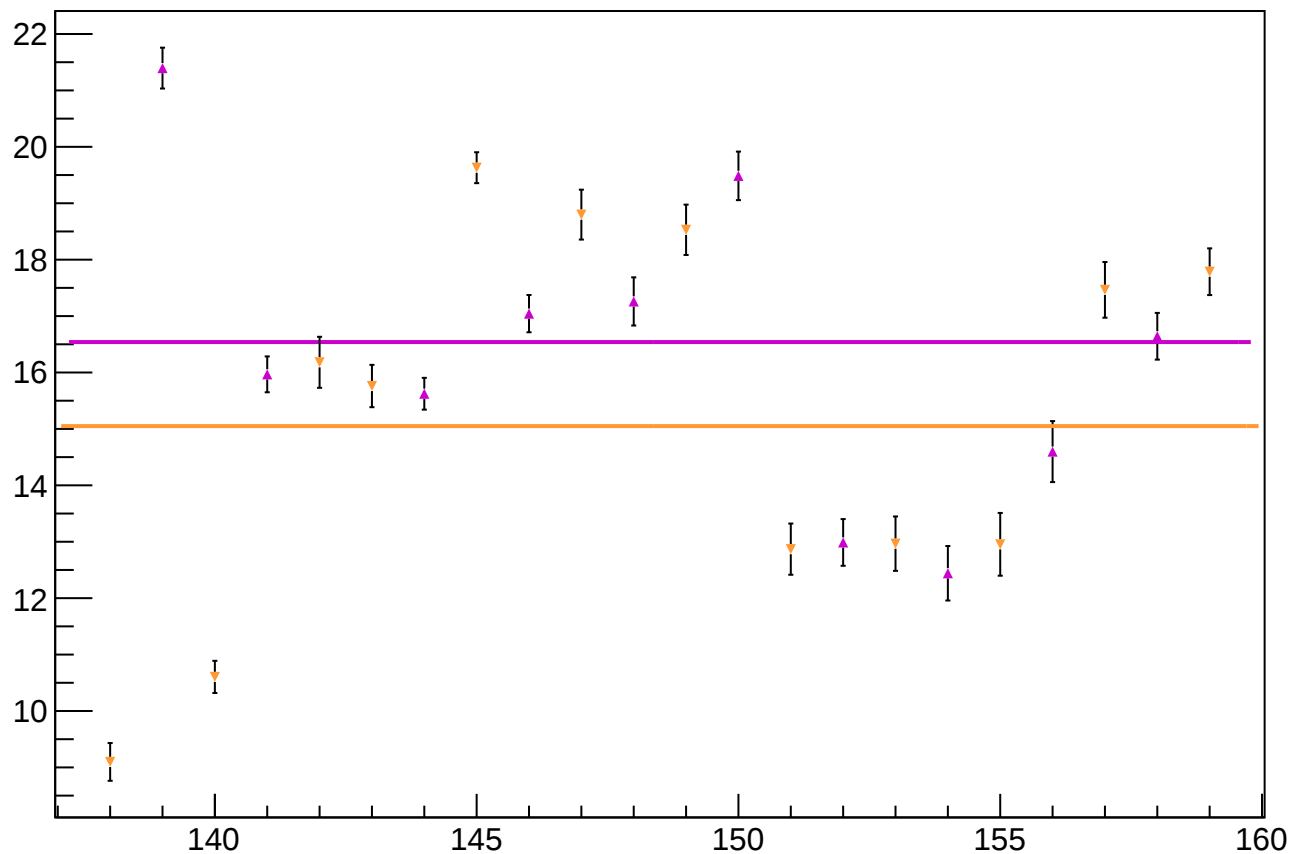
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.082 ± 0.008 $\chi^2/\text{NDF}: 1488.9/26$

Out: -0.100 ± 0.008 $\chi^2/\text{NDF}: 1326.8/29$

All: -0.091 ± 0.006 $\chi^2/\text{NDF}: 2817.9/56$

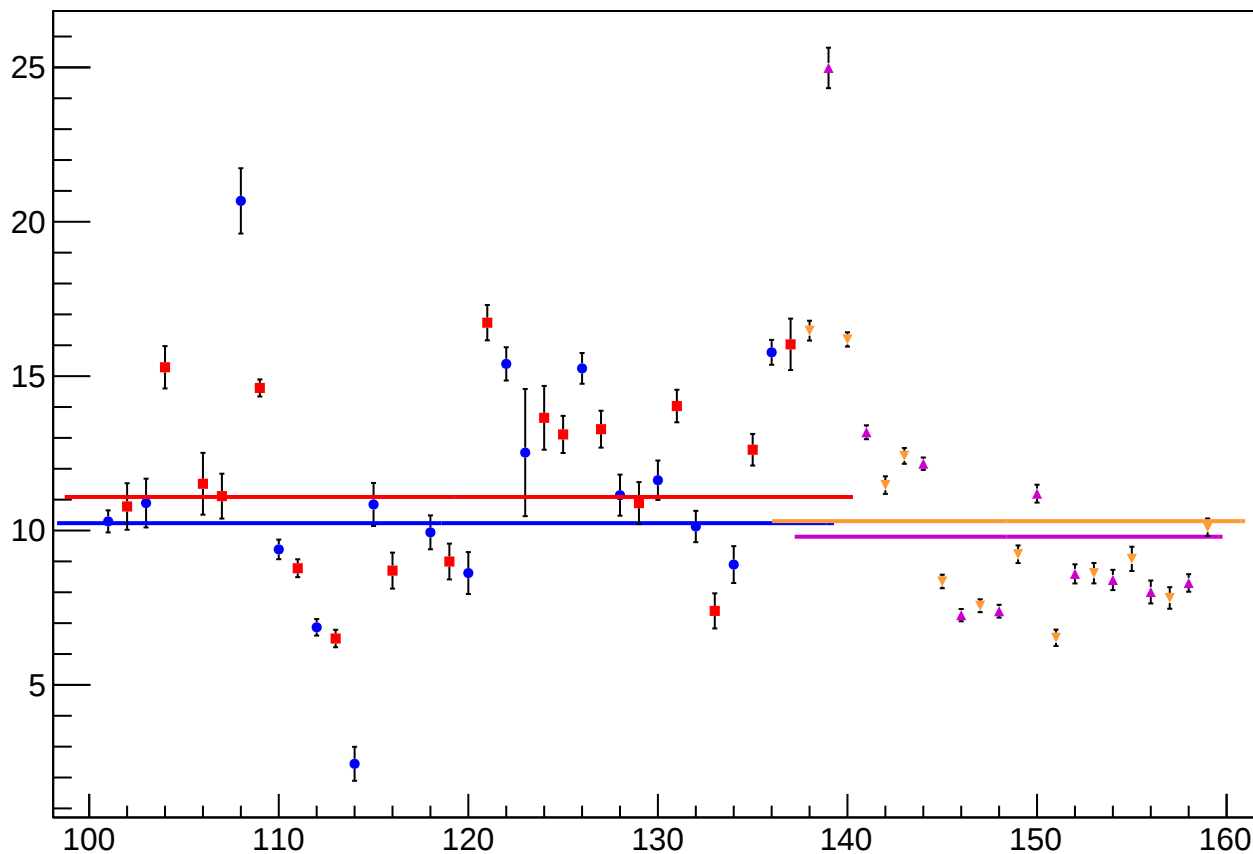
reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 15.050+/-0.113 χ^2/NDF :1104.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.540+/-0.120 χ^2/NDF :404.4/9

Left: 15.747+/-0.082 χ^2/NDF : 1591.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 16.540+/-0.120 χ^2/NDF :404.4/9
 Out: 15.050+/-0.113 χ^2/NDF :1104.6/11
 All: 15.747+/-0.082 χ^2/NDF : 1591.1/21

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.238 ± 0.119 $\chi^2/\text{NDF}: 867.4/16$

Left Out: 10.304 ± 0.079 $\chi^2/\text{NDF}: 1653.1/11$

Right Out: 11.087 ± 0.116 $\chi^2/\text{NDF}: 801.0/17$

Left In: 9.800 ± 0.083 $\chi^2/\text{NDF}: 1305.9/9$

Left: 10.065 ± 0.057 $\chi^2/\text{NDF}: 2978.6/21$

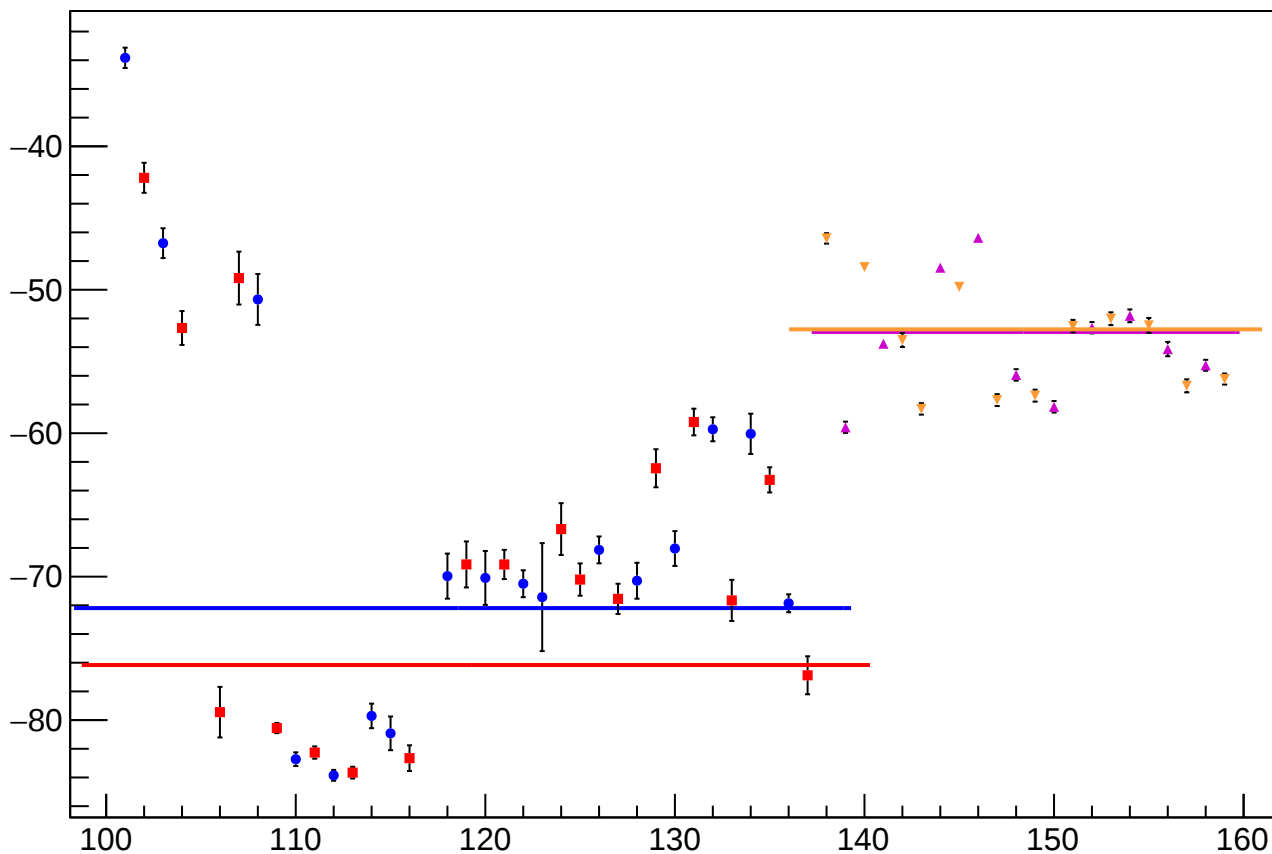
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 9.942 ± 0.068 $\chi^2/\text{NDF}: 2182.5/26$

Out: 10.549 ± 0.065 $\chi^2/\text{NDF}: 2485.2/29$

All: 10.258 ± 0.047 $\chi^2/\text{NDF}: 4709.3/56$

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: -52.761 ± 0.113 $\chi^2/\text{NDF}: 1232.0/11$

Right Out: -76.162 ± 0.181 $\chi^2/\text{NDF}: 3223.3/17$

Left In: -52.941 ± 0.119 $\chi^2/\text{NDF}: 1217.3/9$

Left: -52.847 ± 0.082 $\chi^2/\text{NDF}: 2450.5/21$

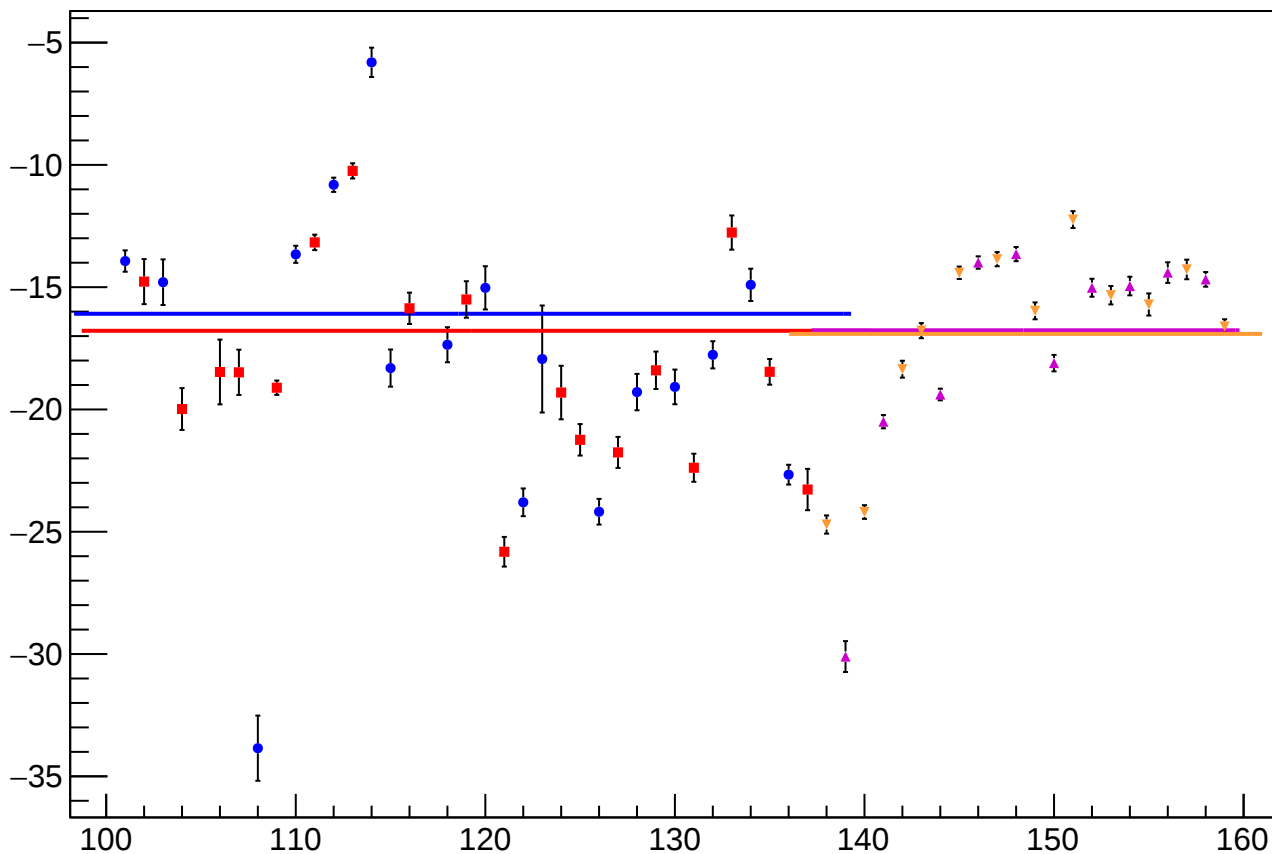
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -58.034 ± 0.102 $\chi^2/\text{NDF}: 13723.3/26$

Out: -59.338 ± 0.096 $\chi^2/\text{NDF}: 16441.2/29$

All: -58.724 ± 0.070 $\chi^2/\text{NDF}: 30251.1/56$

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.087 ± 0.132 $\chi^2/\text{NDF}: 1621.7/16$

Left Out: -16.910 ± 0.094 $\chi^2/\text{NDF}: 1602.5/11$

Right Out: -16.783 ± 0.128 $\chi^2/\text{NDF}: 1204.4/17$

Left In: -16.763 ± 0.099 $\chi^2/\text{NDF}: 1132.0/9$

Left: -16.841 ± 0.068 $\chi^2/\text{NDF}: 2735.6/21$

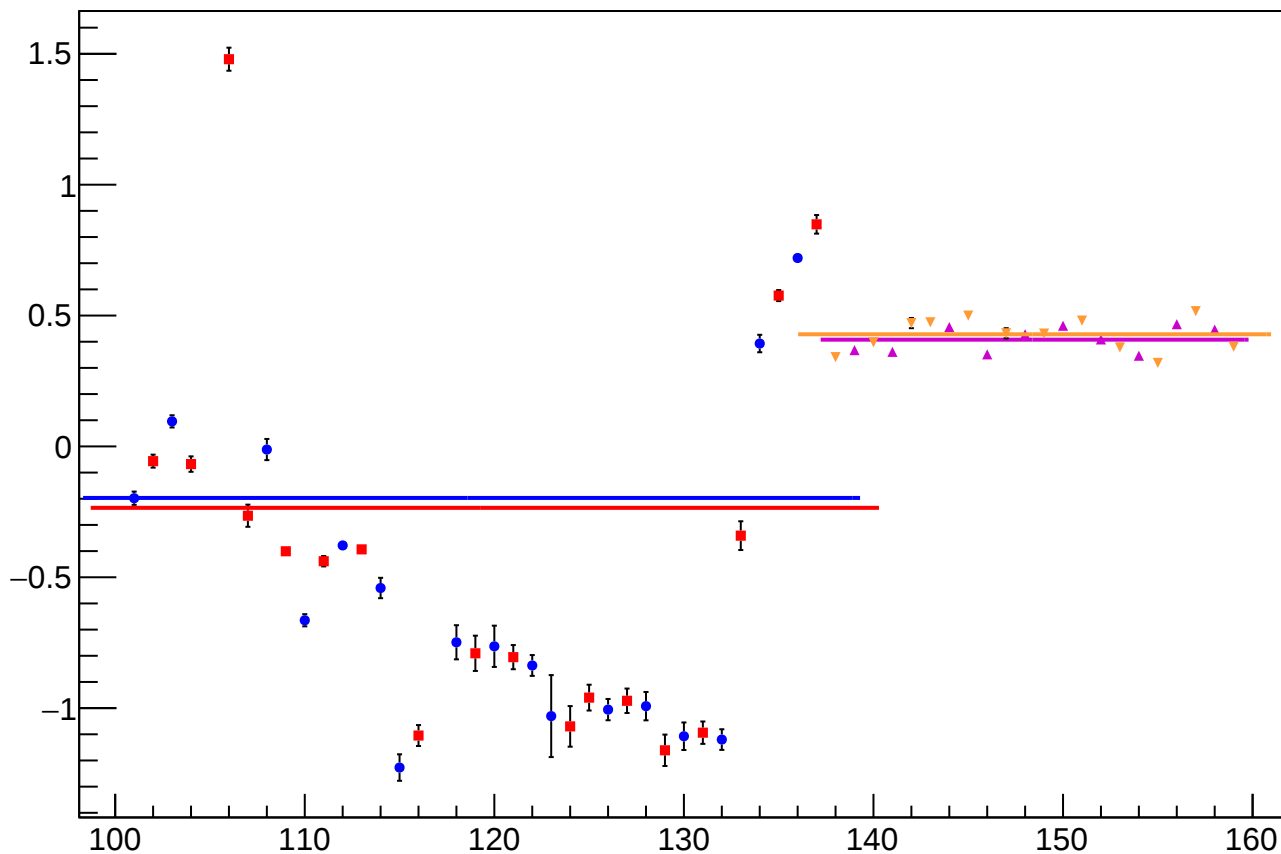
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -16.519 ± 0.080 $\chi^2/\text{NDF}: 2770.4/26$

Out: -16.866 ± 0.076 $\chi^2/\text{NDF}: 2807.5/29$

All: -16.701 ± 0.055 $\chi^2/\text{NDF}: 5587.9/56$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.428 ± 0.004 χ^2/NDF : 193.7/11

Right Out: -0.235 ± 0.007 χ^2/NDF : 6204.9/17

Left In: 0.408 ± 0.005 χ^2/NDF : 95.3/9

Left: 0.419 ± 0.003 χ^2/NDF : 298.9/21

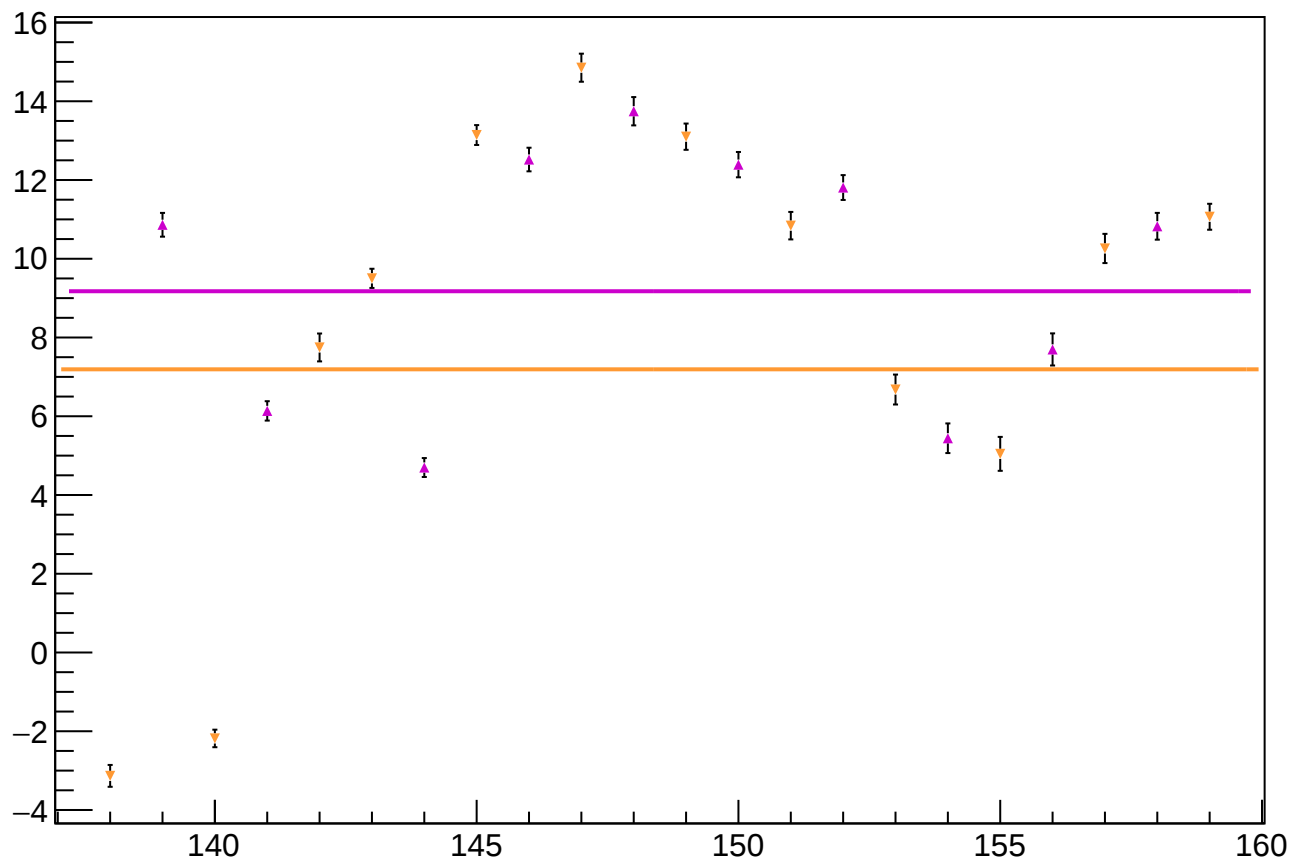
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.238 ± 0.004 χ^2/NDF : 11036.0/26

Out: 0.243 ± 0.004 χ^2/NDF : 12521.7/29

All: 0.240 ± 0.003 χ^2/NDF : 23558.5/56

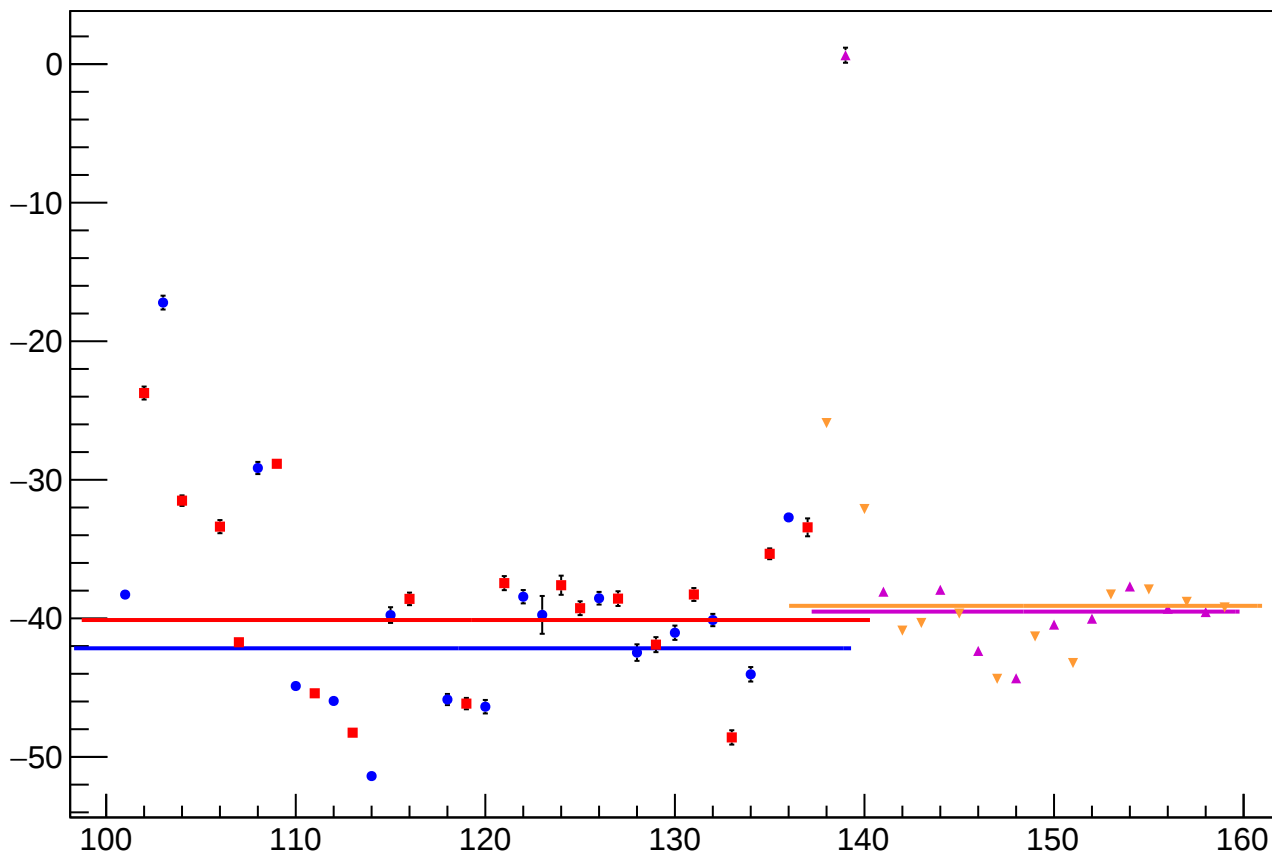
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.192+/-0.089 χ^2/NDF :4922.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 9.175+/-0.098 χ^2/NDF :1121.3/9

Left: 8.088+/-0.066 χ^2/NDF : 6270.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.175+/-0.098 χ^2/NDF :1121.3/9
 Out: 7.192+/-0.089 χ^2/NDF :4922.3/11
 All: 8.088+/-0.066 χ^2/NDF : 6270.2/21

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 ± 0.078 χ^2/NDF : 6570.6/16

Left Out: -39.096 ± 0.062 χ^2/NDF : 5514.2/11

Right Out: -40.120 ± 0.073 χ^2/NDF : 10884.6/17

Left In: -39.513 ± 0.068 χ^2/NDF : 6643.4/9

Left: -39.284 ± 0.046 χ^2/NDF : 12178.2/21

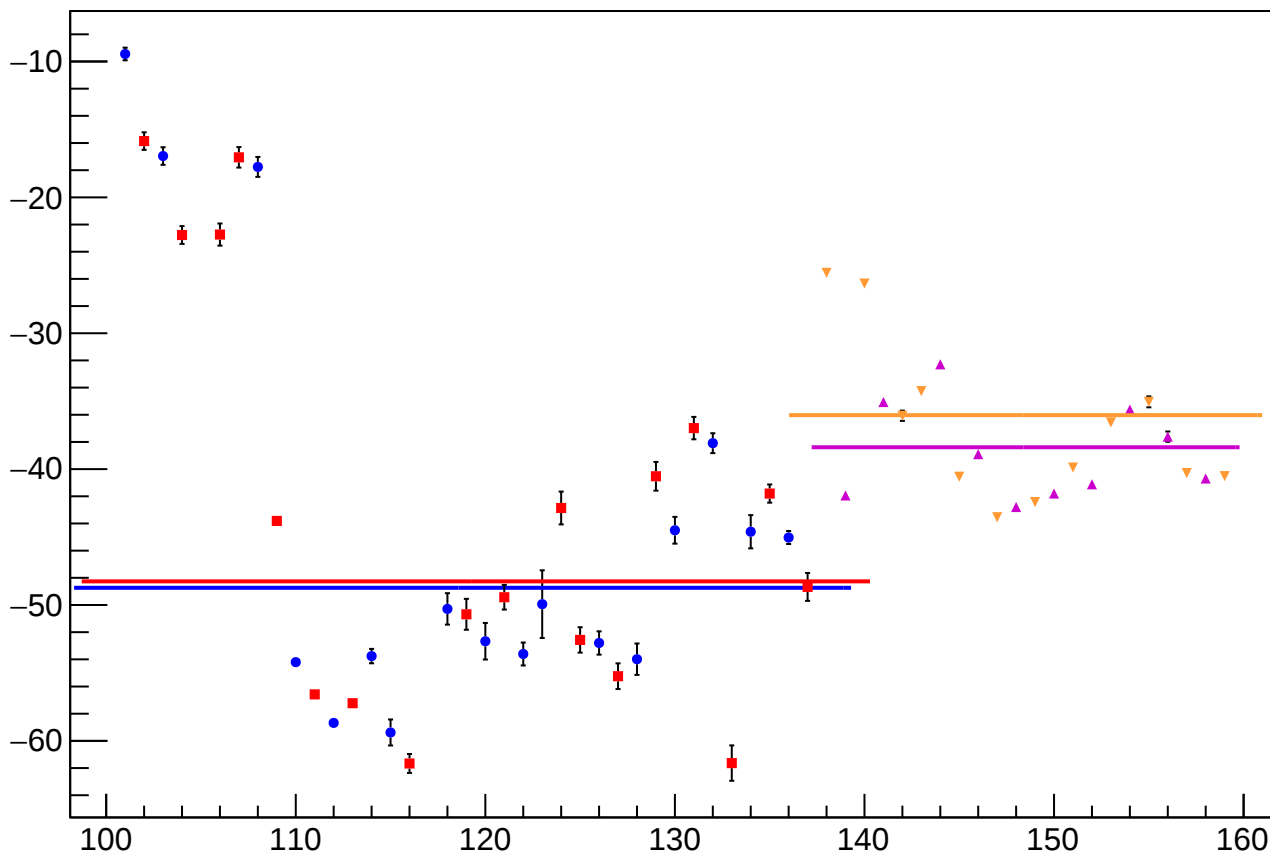
Right: -41.071 ± 0.053 χ^2/NDF : 17821.0/34

In: -40.656 ± 0.051 χ^2/NDF : 13869.6/26

Out: -39.523 ± 0.047 χ^2/NDF : 16514.0/29

All: -40.041 ± 0.035 χ^2/NDF : 30649.5/56

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 ± 0.125 χ^2/NDF : 14659.4/16

Left Out: -36.028 ± 0.089 χ^2/NDF : 4654.4/11

Right Out: -48.261 ± 0.107 χ^2/NDF : 11091.7/17

Left In: -38.390 ± 0.097 χ^2/NDF : 1346.2/9

Left: -37.113 ± 0.065 χ^2/NDF : 6324.2/21

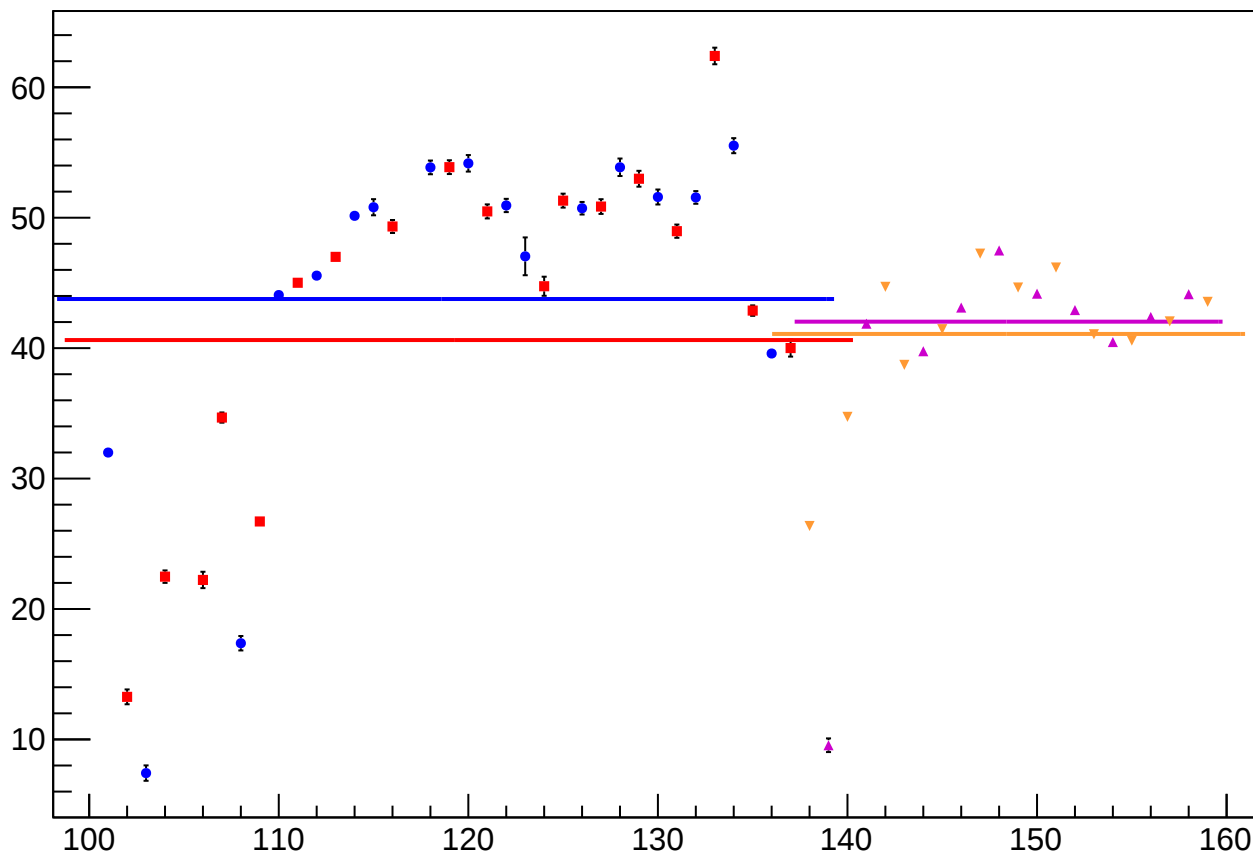
Right: -48.462 ± 0.081 χ^2/NDF : 25759.4/34

In: -42.267 ± 0.076 χ^2/NDF : 20308.1/26

Out: -41.006 ± 0.069 χ^2/NDF : 23435.1/29

All: -41.568 ± 0.051 χ^2/NDF : 43894.3/56

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 41.088 $\pm$ 0.074 χ^2 /NDF:4782.7/11

Right Out: 40.620 $\pm$ 0.080 χ^2 /NDF: 16957.4/17

Left In: 42.030 $\pm$ 0.081 χ^2 /NDF:4664.9/9

Left: 41.514 $\pm$ 0.055 χ^2 /NDF: 9521.2/21

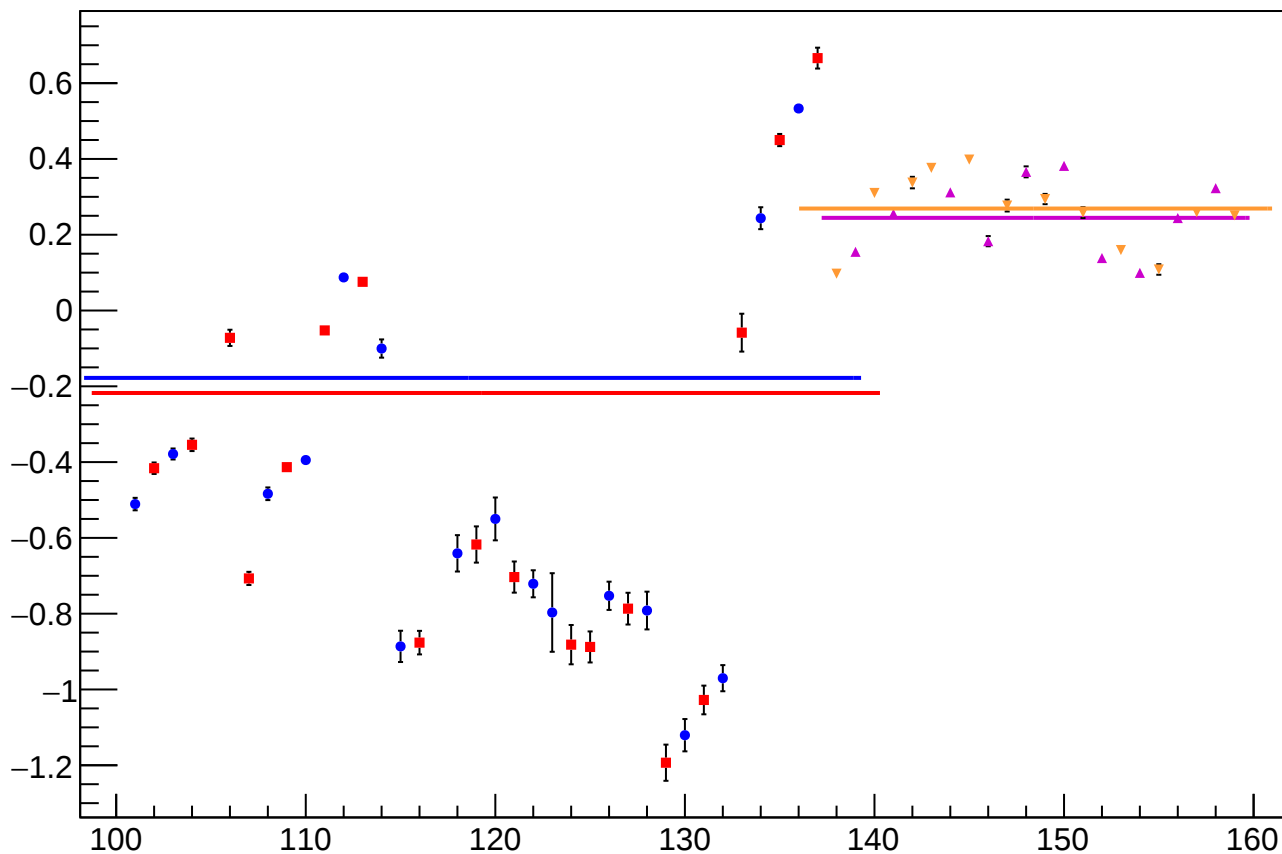
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.841 $\pm$ 0.059 χ^2 /NDF:15511.9/26

Out: 40.874 $\pm$ 0.054 χ^2 /NDF:21758.5/29

All: 41.771 $\pm$ 0.040 χ^2 /NDF: 37868.3/56

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.269 ± 0.004 χ^2/NDF : 716.2/11

Right Out: -0.218 ± 0.004 χ^2/NDF : 7455.7/17

Left In: 0.245 ± 0.004 χ^2/NDF : 570.1/9

Left: 0.258 ± 0.003 χ^2/NDF : 1308.6/21

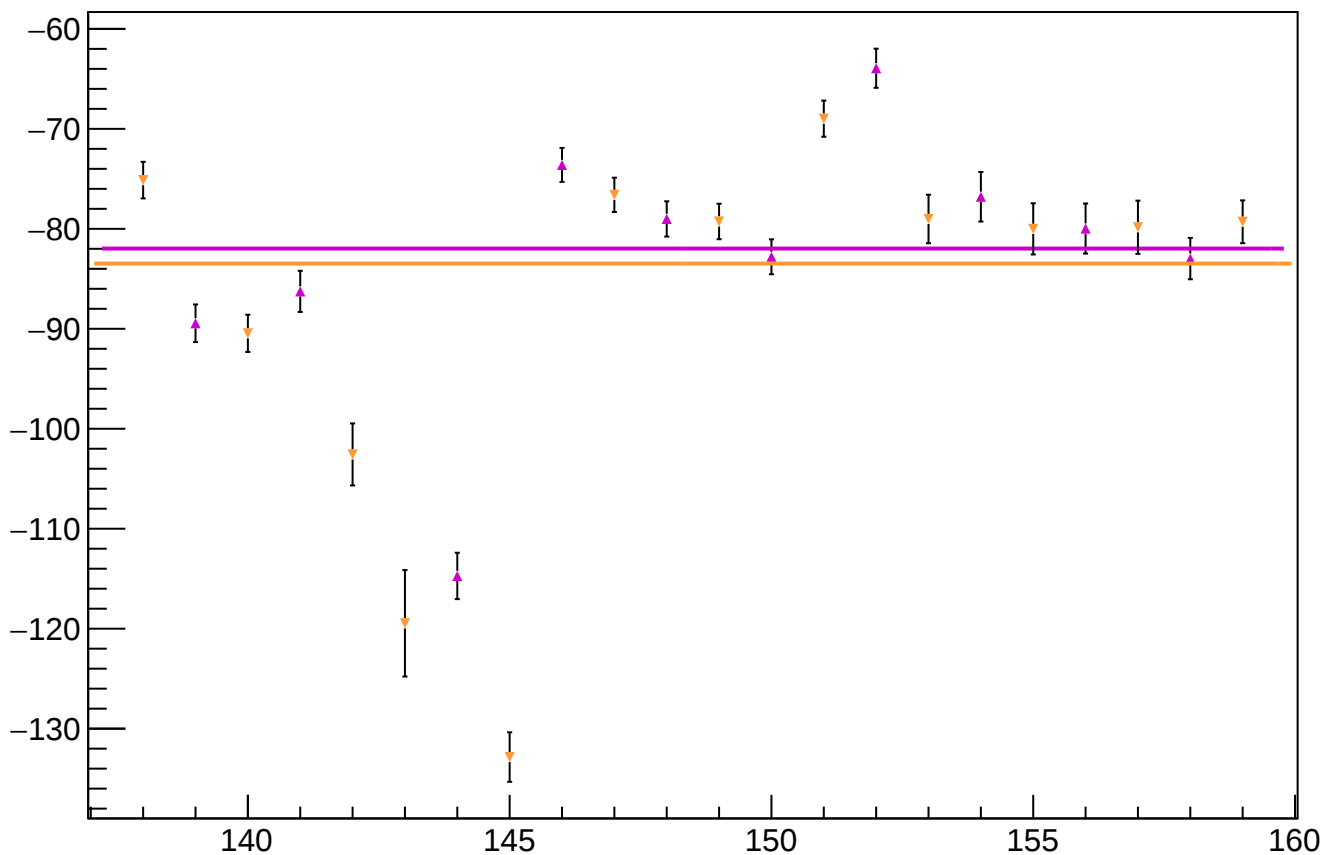
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.083 ± 0.003 χ^2/NDF : 12626.3/26

Out: 0.074 ± 0.003 χ^2/NDF : 15811.0/29

All: 0.078 ± 0.002 χ^2/NDF : 28441.5/56

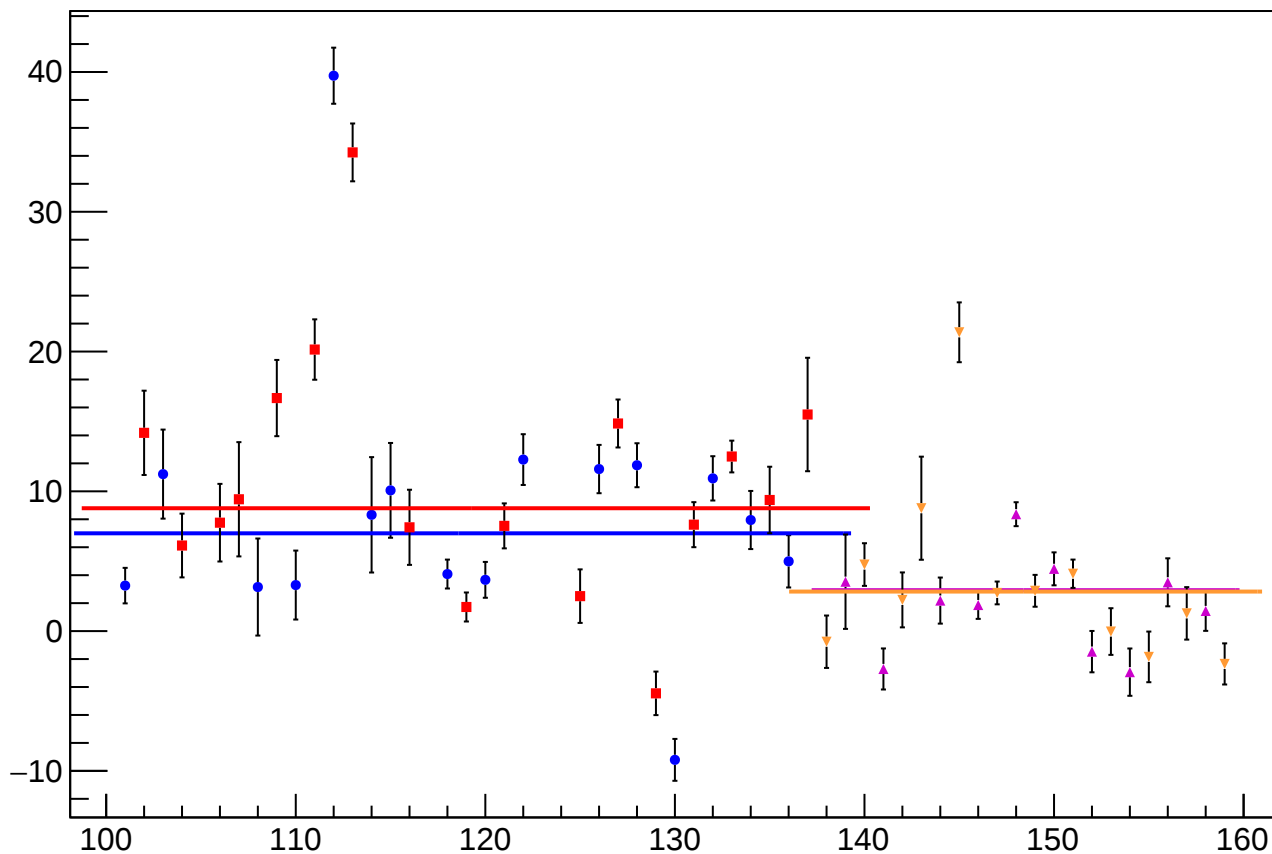
reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -81.975+/-0.630 χ^2/NDF : 337.2/9

Left: -82.730+/-0.445 χ^2/NDF : 952.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -81.975+/-0.630 χ^2/NDF : 337.2/9
 Out: -83.481+/-0.628 χ^2/NDF : 612.7/11
 All: -82.730+/-0.445 χ^2/NDF : 952.8/21

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: 2.828 ± 0.411 $\chi^2/\text{NDF}: 107.4/11$

Right Out: 8.790 ± 0.449 $\chi^2/\text{NDF}: 348.8/16$

Left In: 2.928 ± 0.420 $\chi^2/\text{NDF}: 80.1/9$

Left: 2.877 ± 0.294 $\chi^2/\text{NDF}: 187.5/21$

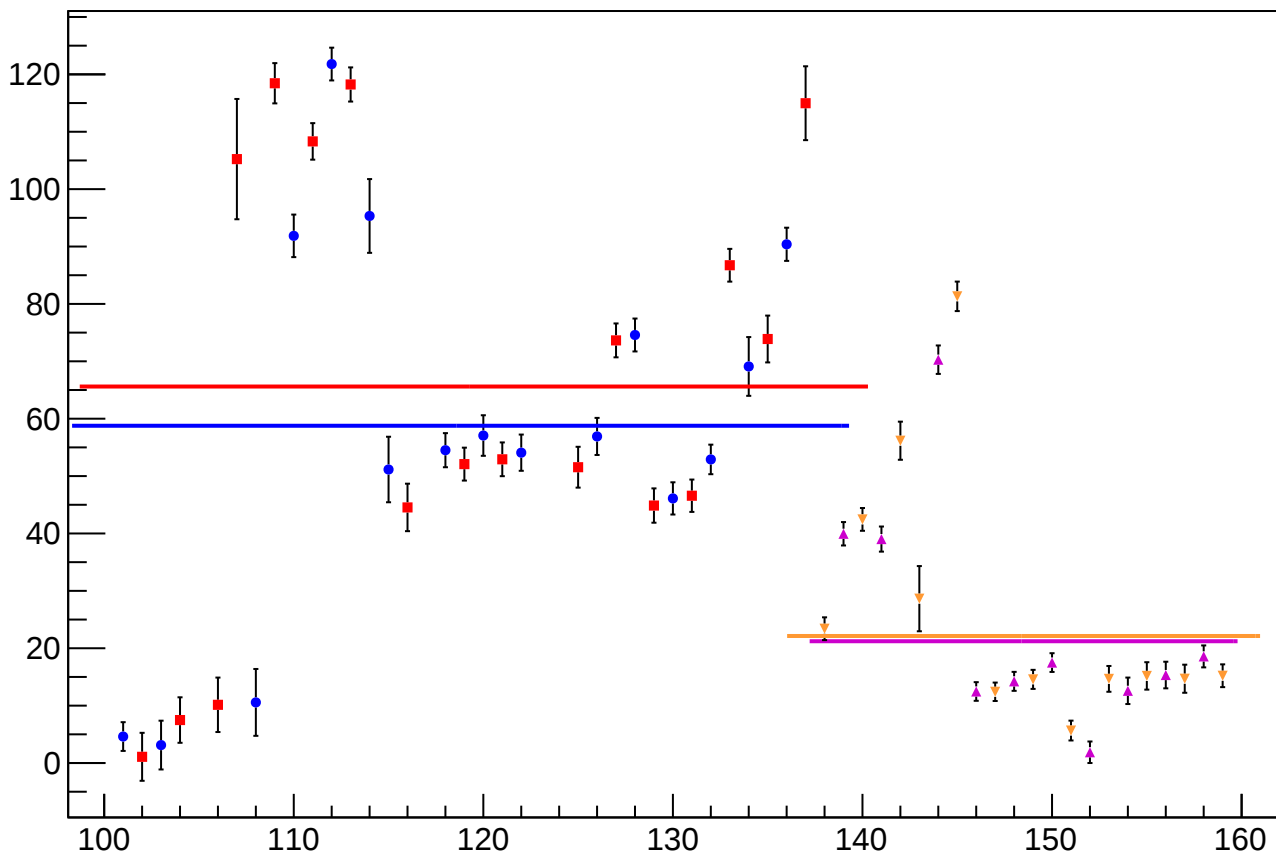
Right: 7.862 ± 0.312 $\chi^2/\text{NDF}: 802.4/32$

In: 4.896 ± 0.302 $\chi^2/\text{NDF}: 570.8/25$

Out: 5.542 ± 0.303 $\chi^2/\text{NDF}: 552.1/28$

All: 5.218 ± 0.214 $\chi^2/\text{NDF}: 1125.1/54$

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 58.770 $\pm$ 0.833 χ^2 /NDF: 1493.3/15

Left Out: 22.137 $\pm$ 0.613 χ^2 /NDF:931.7/11

Right Out: 65.606 $\pm$ 0.845 χ^2 /NDF: 1625.3/16

Left In: 21.222 $\pm$ 0.613 χ^2 /NDF:723.4/9

Left: 21.679 $\pm$ 0.433 χ^2 /NDF: 1656.2/21

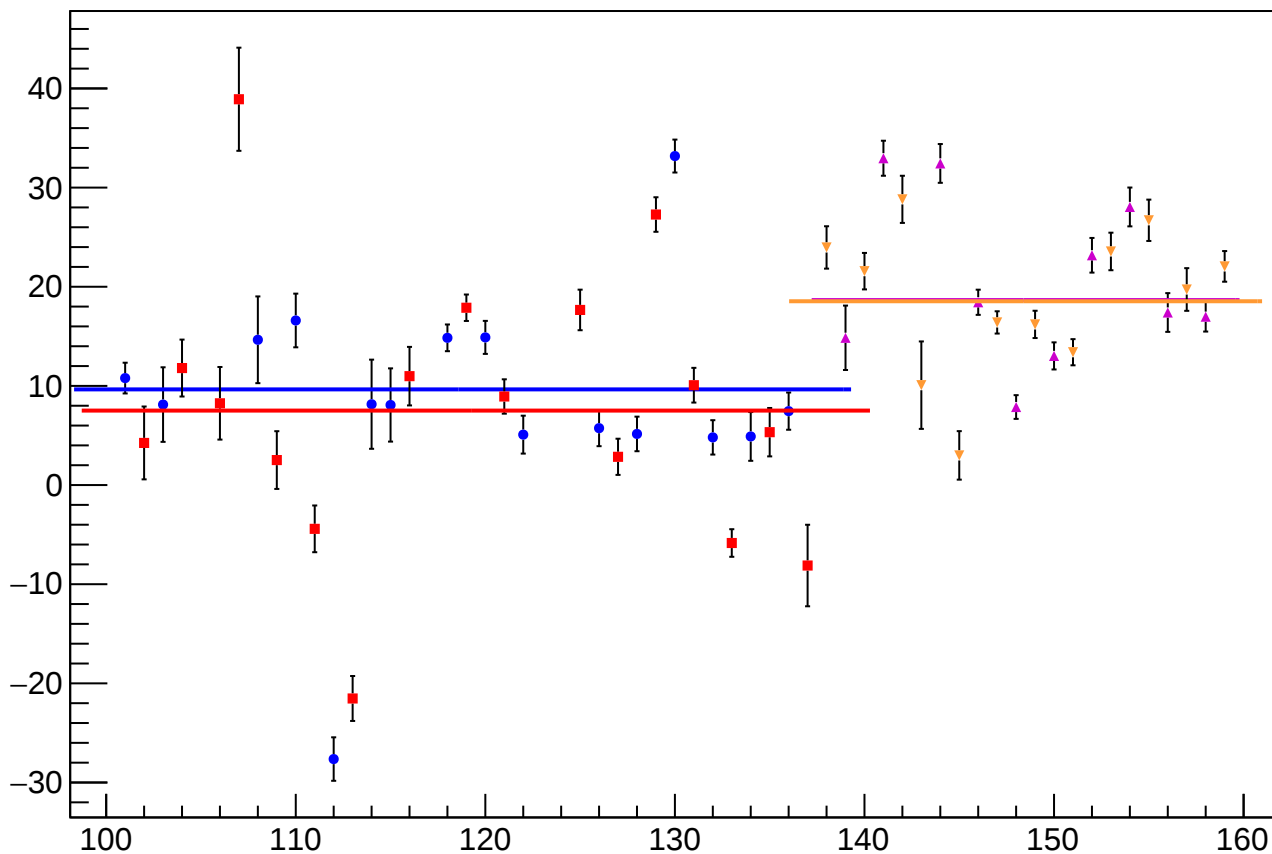
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 34.403 $\pm$ 0.493 χ^2 /NDF:3535.6/25

Out: 37.132 $\pm$ 0.496 χ^2 /NDF:4291.6/28

All: 35.760 $\pm$ 0.350 χ^2 /NDF: 7842.4/54

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 $\pm$ 0.502 χ^2 /NDF: 553.6/15

Left Out: 18.537 $\pm$ 0.503 χ^2 /NDF:121.5/11

Right Out: 7.511 $\pm$ 0.516 χ^2 /NDF: 564.3/16

Left In: 18.656 $\pm$ 0.511 χ^2 /NDF:246.3/9

Left: 18.596 $\pm$ 0.359 χ^2 /NDF: 367.7/21

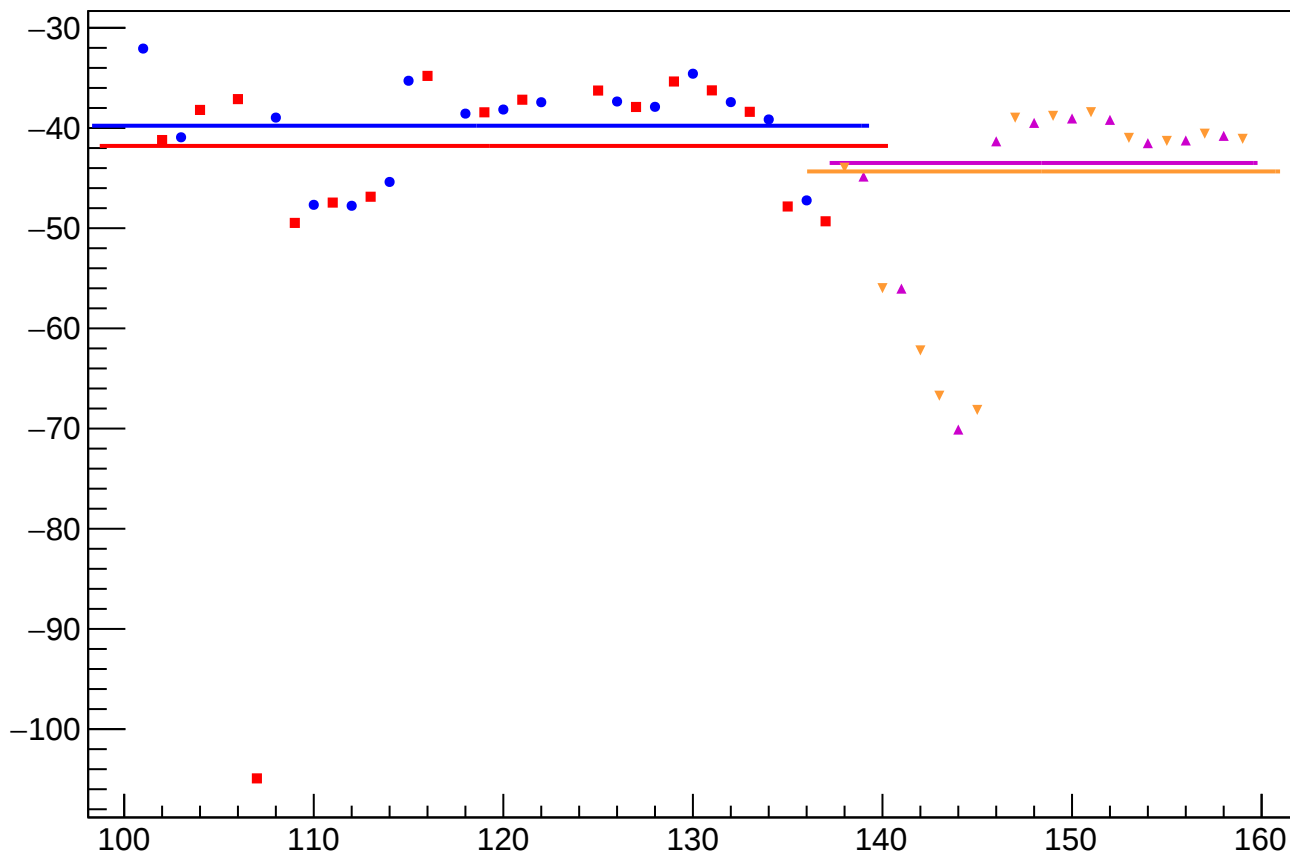
Right: 8.610 $\pm$ 0.360 χ^2 /NDF: 1126.7/32

In: 14.069 $\pm$ 0.358 χ^2 /NDF:957.8/25

Out: 13.167 $\pm$ 0.360 χ^2 /NDF:919.5/28

All: 13.621 $\pm$ 0.254 χ^2 /NDF: 1880.5/54

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771+/-0.031 χ^2/NDF : 26176.5/15

Left Out: -44.334+/-0.025 χ^2/NDF :124934.4/11

Right Out: -41.787+/-0.031 χ^2/NDF : 93008.7/16

Left In: -43.488+/-0.024 χ^2/NDF :94731.5/9

Left: -43.905+/-0.017 χ^2/NDF : 220268.0/21

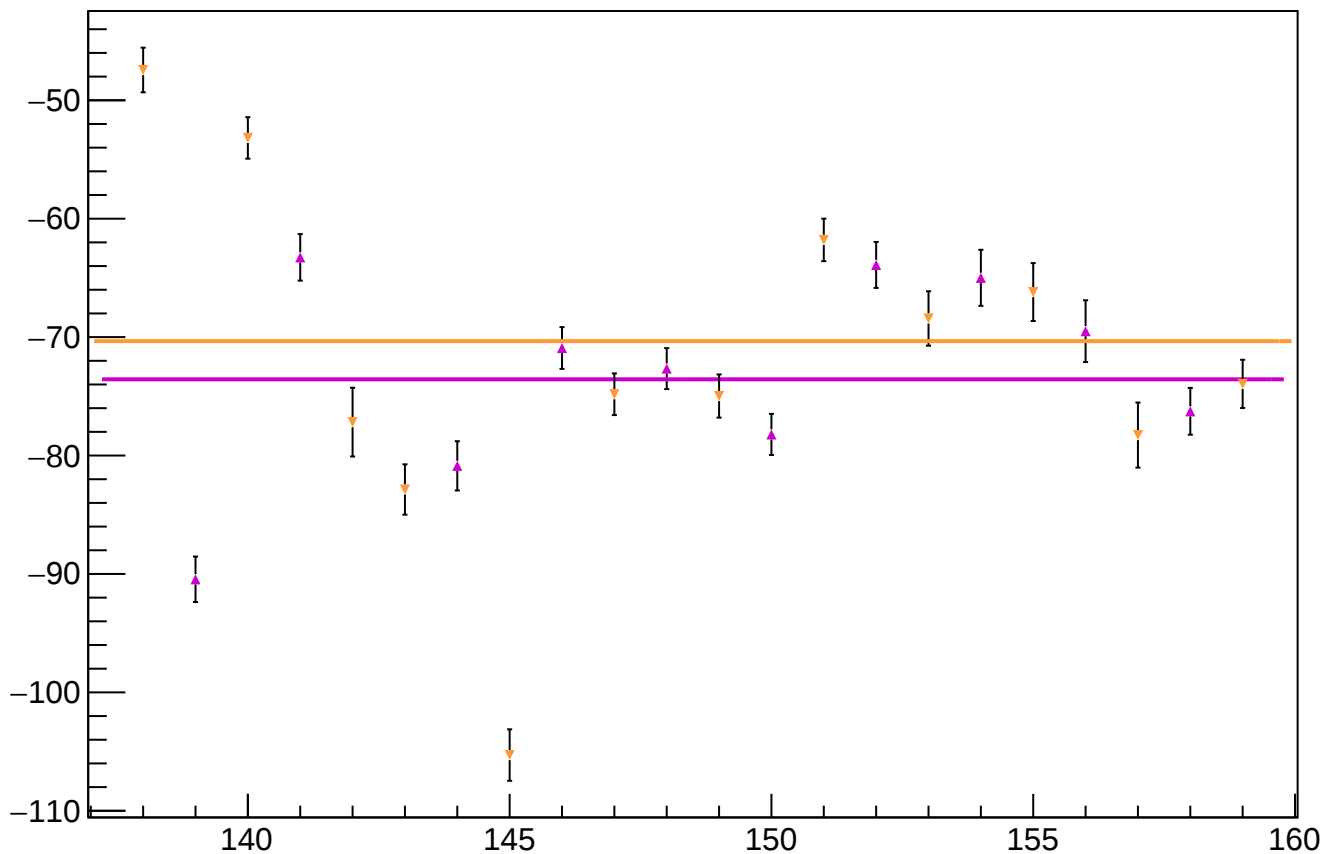
Right: -40.769+/-0.022 χ^2/NDF : 121265.0/32

In: -42.085+/-0.019 χ^2/NDF :129796.6/25

Out: -43.368+/-0.019 χ^2/NDF :222027.7/28

All: -42.719+/-0.014 χ^2/NDF : 354053.9/54

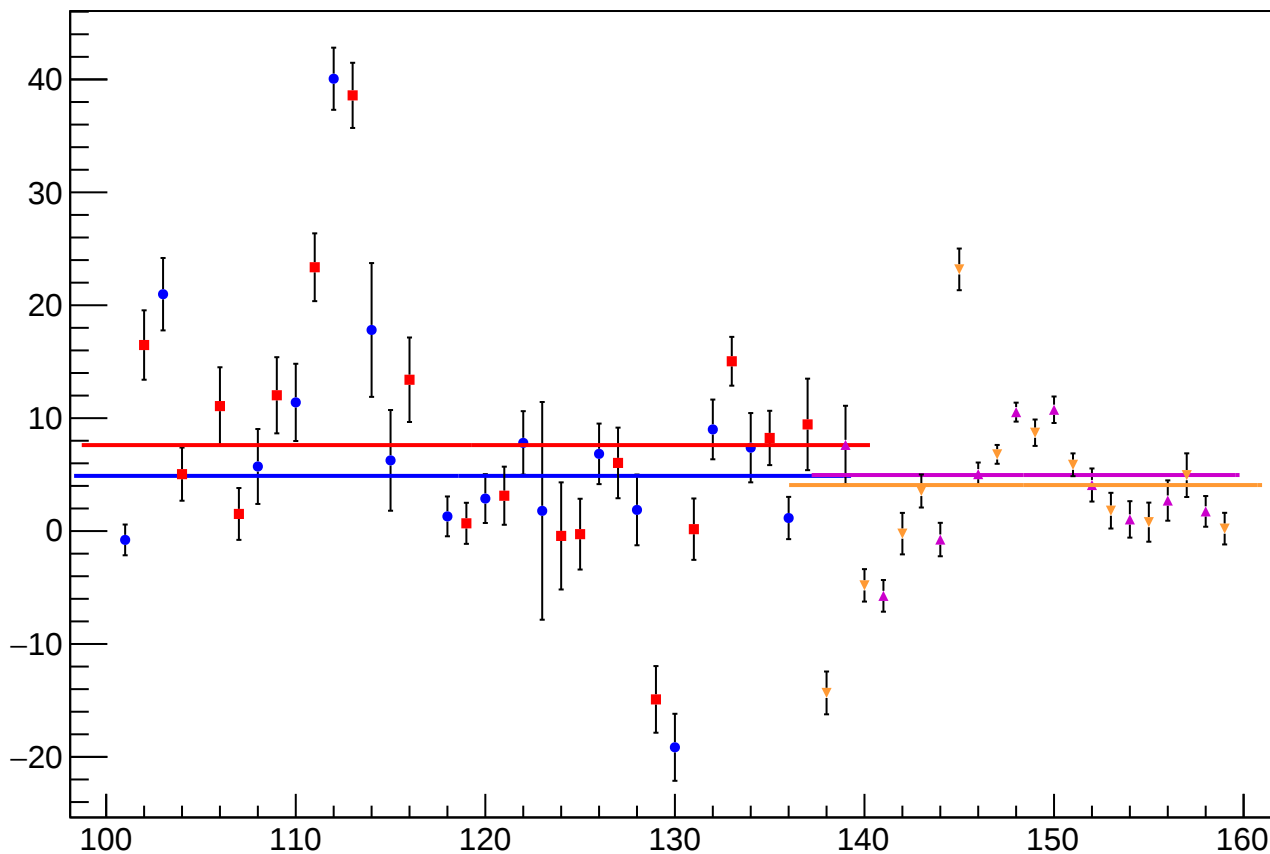
reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -70.338+/-0.595 χ^2/NDF :592.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -73.563+/-0.621 χ^2/NDF :169.0/9

Left: -71.883+/-0.430 χ^2/NDF : 776.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -73.563+/-0.621 χ^2/NDF :169.0/9
 Out: -70.338+/-0.595 χ^2/NDF :592.9/11
 All: -71.883+/-0.430 χ^2/NDF : 776.0/21

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.075 ± 0.393 χ^2/NDF : 288.3/11

Right Out: 7.615 ± 0.652 χ^2/NDF : 269.2/17

Left In: 4.963 ± 0.414 χ^2/NDF : 155.5/9

Left: 4.496 ± 0.285 χ^2/NDF : 446.2/21

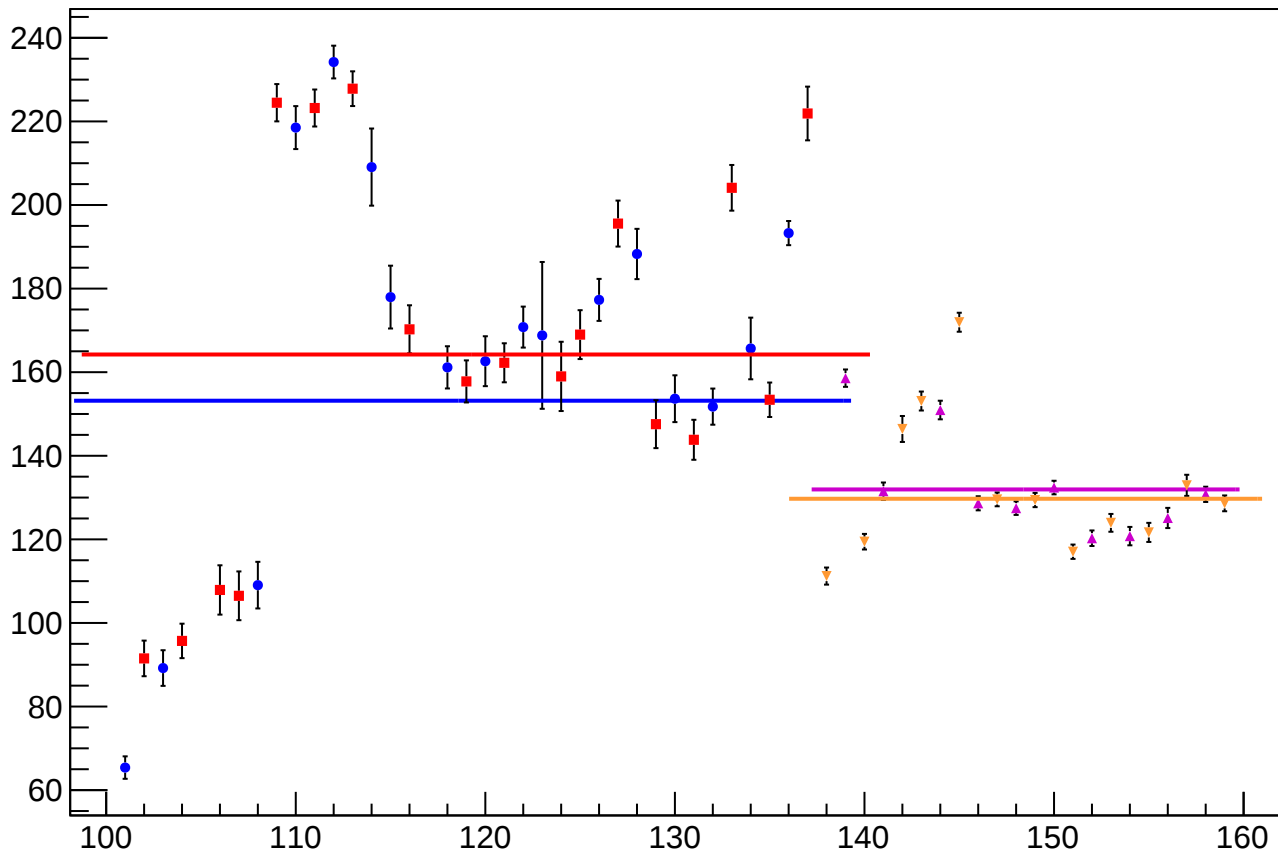
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 4.940 ± 0.344 χ^2/NDF : 450.3/26

Out: 5.017 ± 0.336 χ^2/NDF : 579.1/29

All: 4.980 ± 0.241 χ^2/NDF : 1029.3/56

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: 129.714 $\pm$ 0.585 χ^2/NDF : 669.9/11

Right Out: 164.232 $\pm$ 1.183 χ^2/NDF : 1554.8/17

Left In: 131.947 $\pm$ 0.604 χ^2/NDF : 322.2/9

Left: 130.795 $\pm$ 0.420 χ^2/NDF : 999.1/21

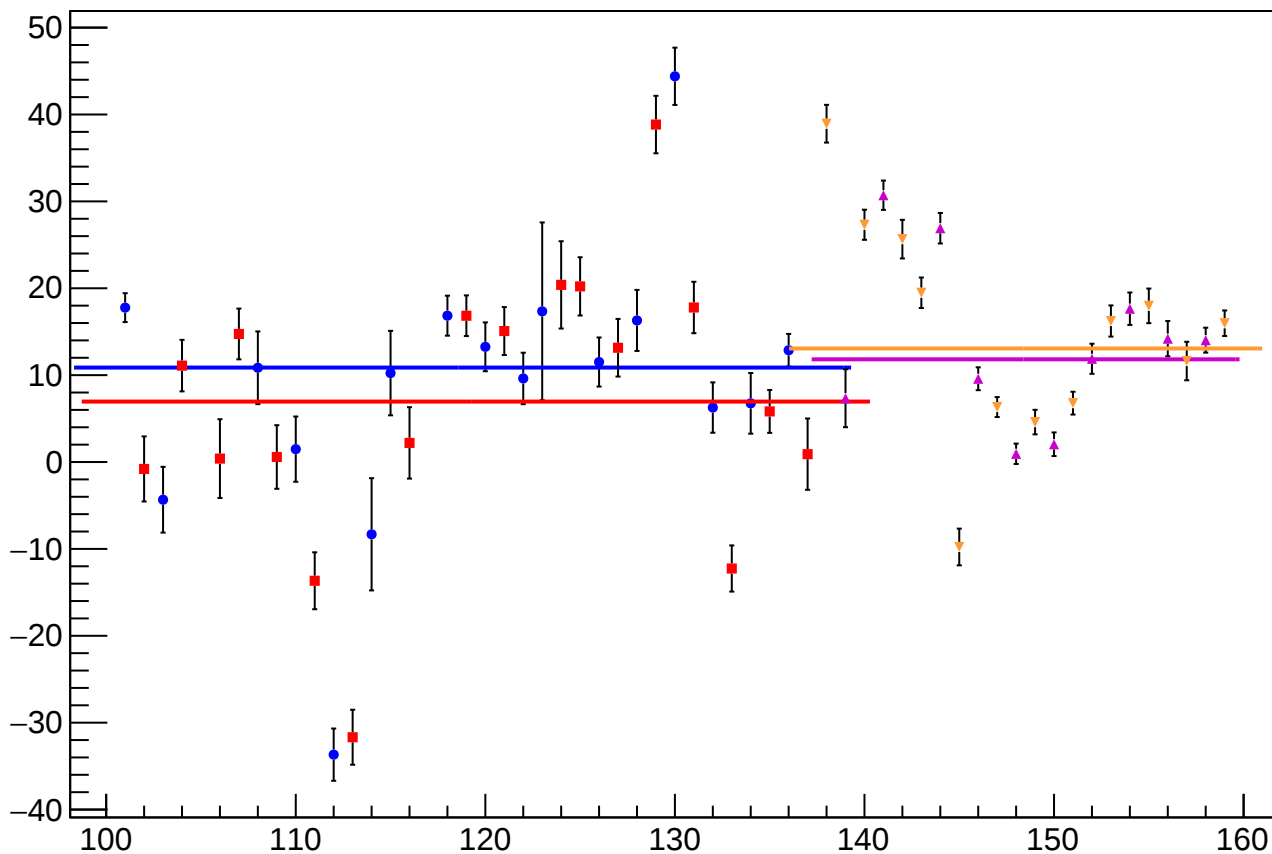
Right: 158.528 $\pm$ 0.823 χ^2/NDF : 3864.1/34

In: 136.560 $\pm$ 0.534 χ^2/NDF : 2854.8/26

Out: 136.496 $\pm$ 0.524 χ^2/NDF : 2908.6/29

All: 136.527 $\pm$ 0.374 χ^2/NDF : 5763.4/56

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 ± 0.714 χ^2/NDF : 386.7/16

Left Out: 13.069 ± 0.479 χ^2/NDF : 478.7/11

Right Out: 6.958 ± 0.749 χ^2/NDF : 422.3/17

Left In: 11.821 ± 0.503 χ^2/NDF : 354.6/9

Left: 12.475 ± 0.347 χ^2/NDF : 836.6/21

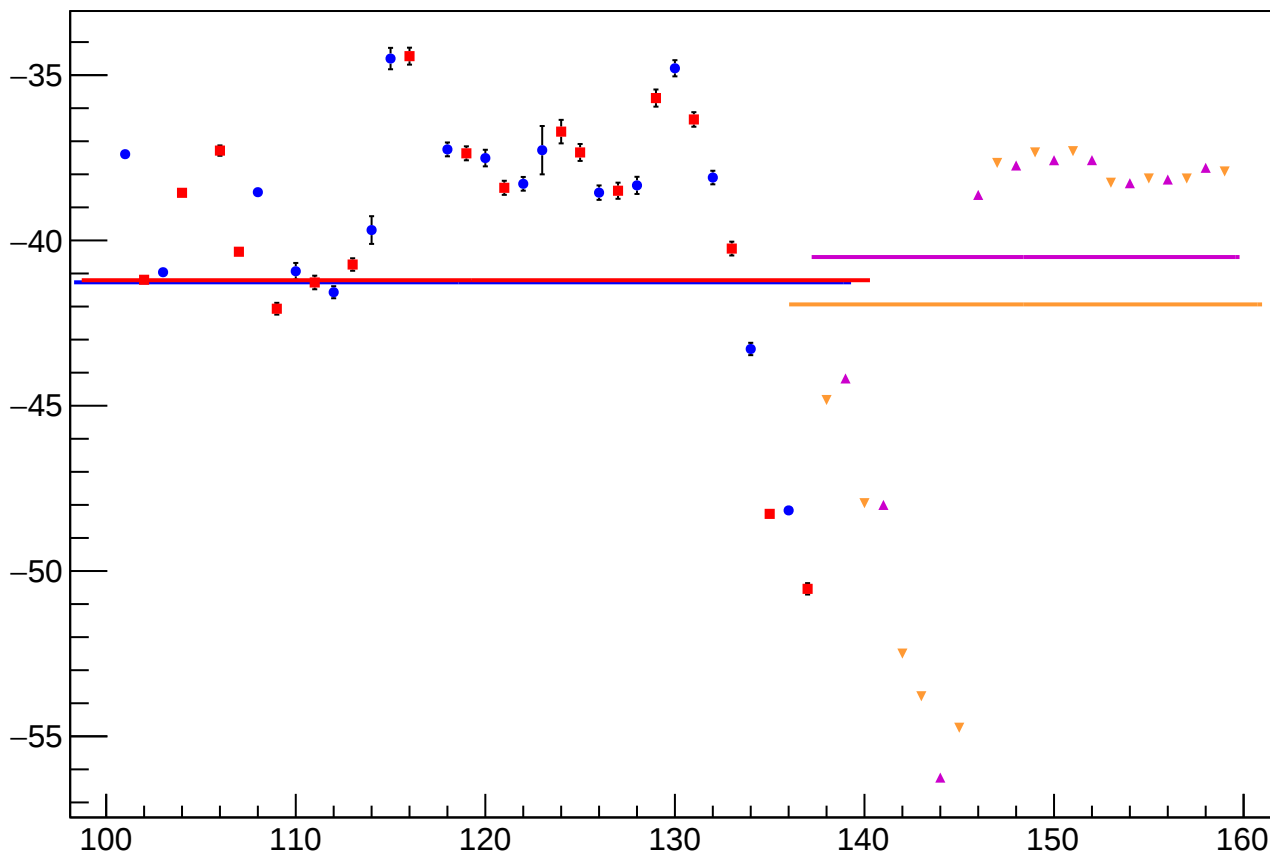
Right: 9.008 ± 0.517 χ^2/NDF : 823.3/34

In: 11.507 ± 0.411 χ^2/NDF : 742.5/26

Out: 11.296 ± 0.403 χ^2/NDF : 948.2/29

All: 11.400 ± 0.288 χ^2/NDF : 1690.9/56

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: -41.935 ± 0.023 $\chi^2/\text{NDF}: 72071.3/11$

Right Out: -41.204 ± 0.039 $\chi^2/\text{NDF}: 12008.6/17$

Left In: -40.502 ± 0.024 $\chi^2/\text{NDF}: 45447.8/9$

Left: -41.235 ± 0.017 $\chi^2/\text{NDF}: 119356.5/21$

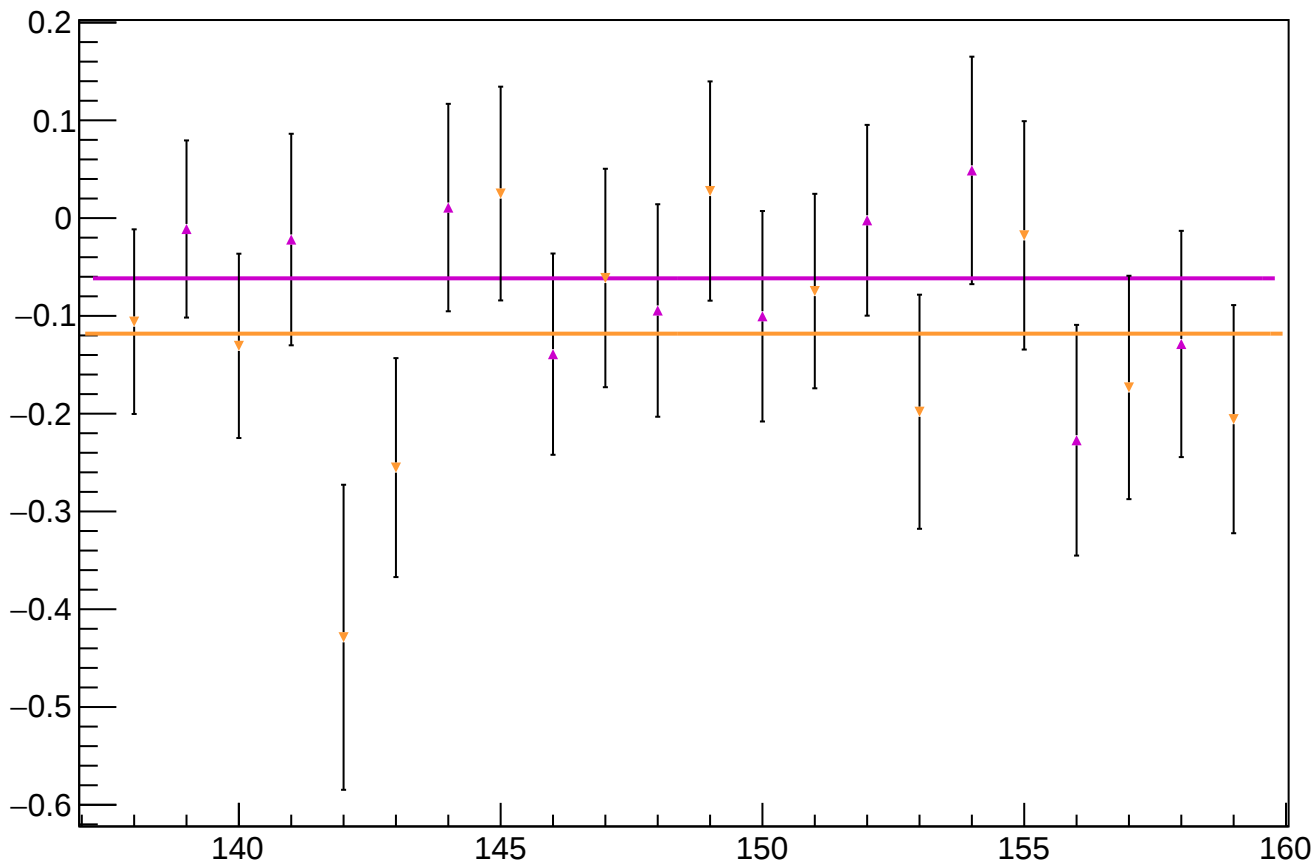
Right: -41.236 ± 0.027 $\chi^2/\text{NDF}: 24591.7/34$

In: -40.715 ± 0.020 $\chi^2/\text{NDF}: 58314.2/26$

Out: -41.741 ± 0.020 $\chi^2/\text{NDF}: 84340.2/29$

All: -41.235 ± 0.014 $\chi^2/\text{NDF}: 143948.1/56$

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.118+/-0.032 χ^2/NDF : 11.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.062+/-0.034 χ^2/NDF : 5.3/9

Left: -0.091+/-0.023 χ^2/NDF : 18.1/21

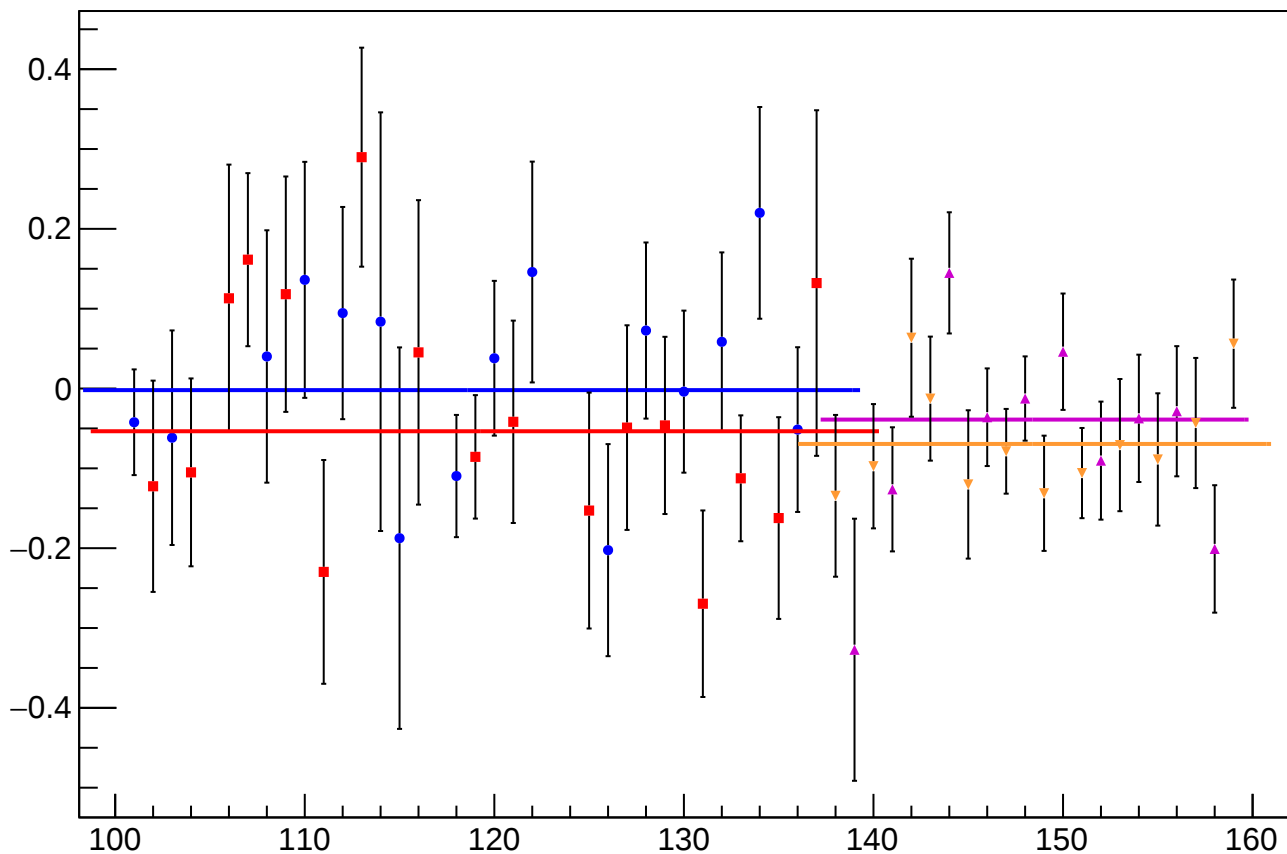
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.062+/-0.034 χ^2/NDF : 5.3/9

Out: -0.118+/-0.032 χ^2/NDF : 11.3/11

All: -0.091+/-0.023 χ^2/NDF : 18.1/21

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 $\chi^2/\text{NDF}: 12.1/15$

Left Out: -0.069 ± 0.022 $\chi^2/\text{NDF}: 7.0/11$

Right Out: -0.054 ± 0.029 $\chi^2/\text{NDF}: 20.9/16$

Left In: -0.039 ± 0.023 $\chi^2/\text{NDF}: 16.4/9$

Left: -0.055 ± 0.016 $\chi^2/\text{NDF}: 24.3/21$

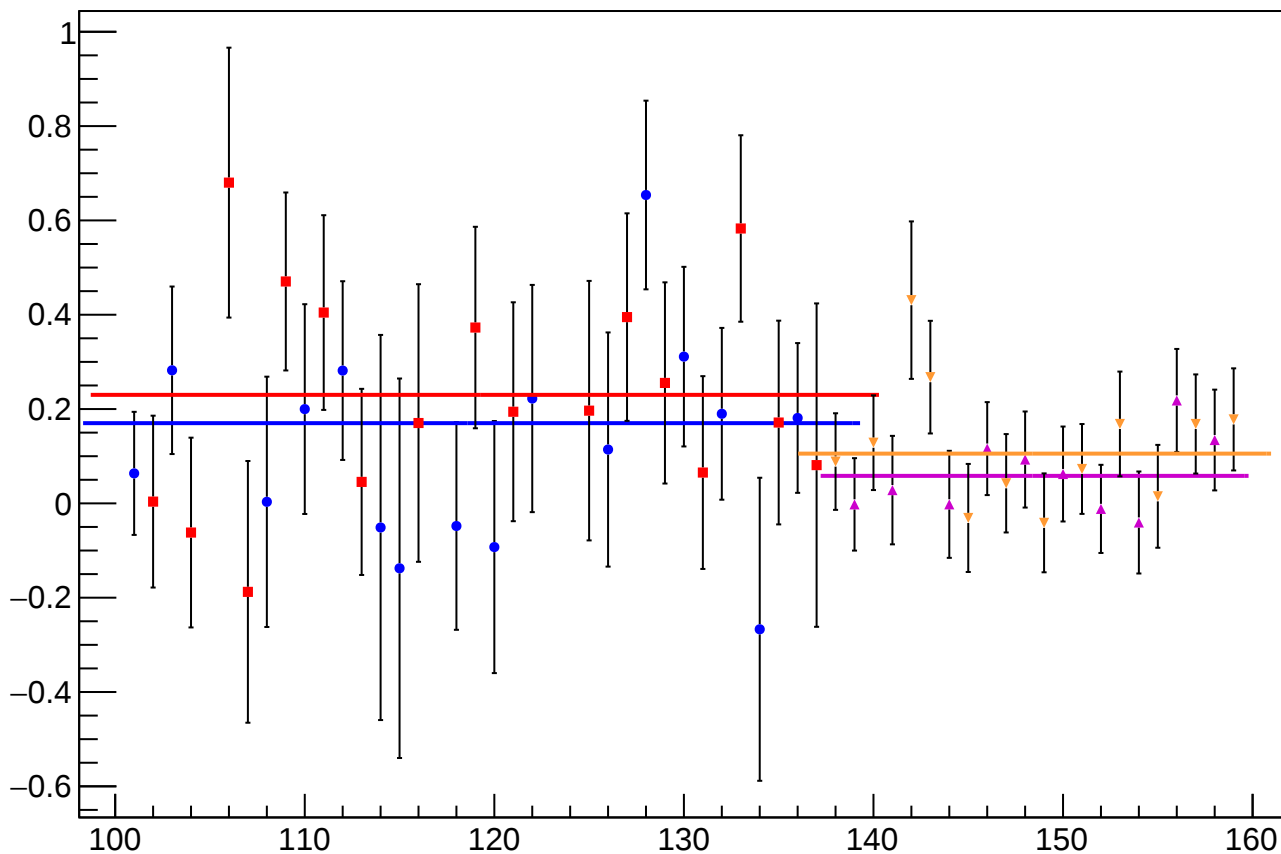
Right: -0.027 ± 0.020 $\chi^2/\text{NDF}: 34.6/32$

In: -0.024 ± 0.018 $\chi^2/\text{NDF}: 29.6/25$

Out: -0.064 ± 0.017 $\chi^2/\text{NDF}: 28.1/28$

All: -0.044 ± 0.013 $\chi^2/\text{NDF}: 60.2/54$

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: 0.105 ± 0.031 $\chi^2/\text{NDF}: 11.4/11$

Right Out: 0.230 ± 0.054 $\chi^2/\text{NDF}: 16.8/16$

Left In: 0.058 ± 0.033 $\chi^2/\text{NDF}: 5.2/9$

Left: 0.083 ± 0.023 $\chi^2/\text{NDF}: 17.7/21$

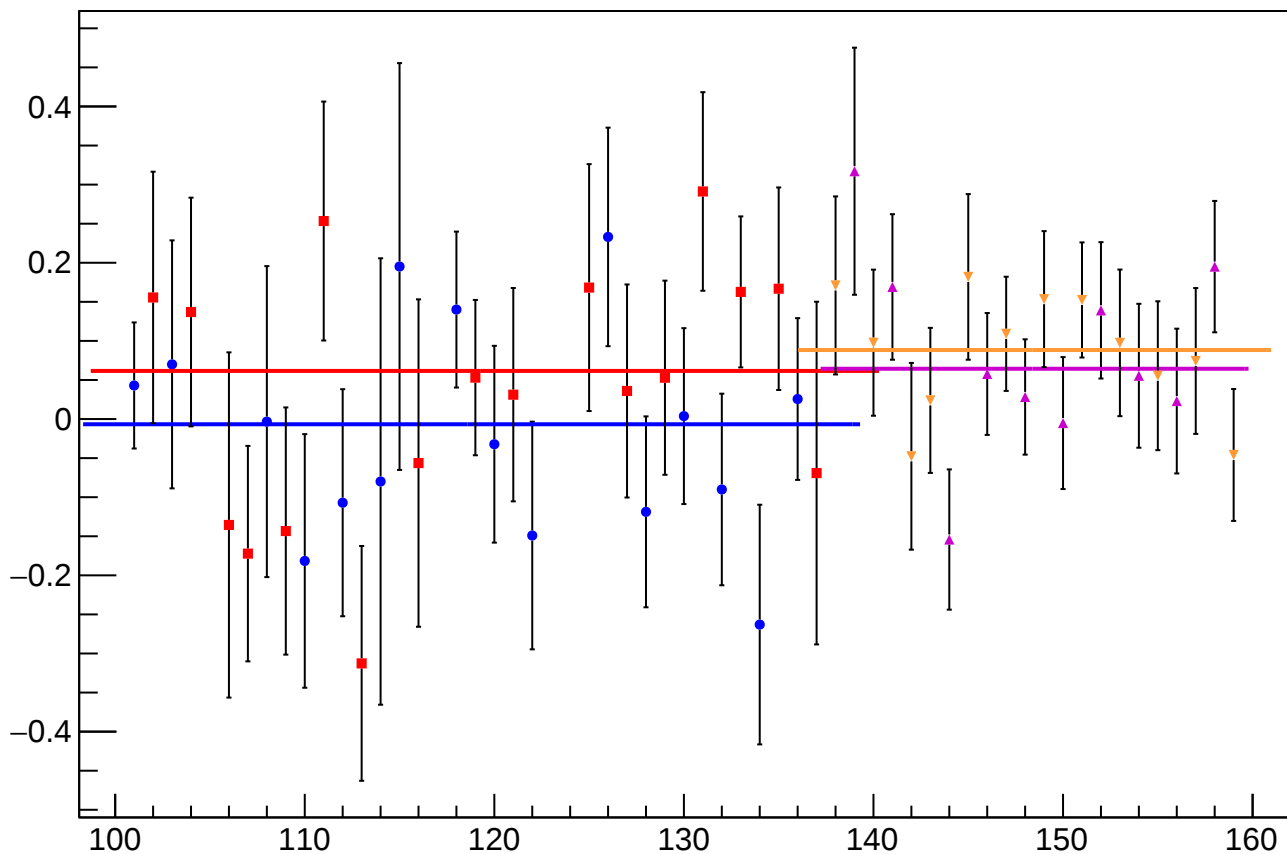
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.090 ± 0.028 $\chi^2/\text{NDF}: 21.5/25$

Out: 0.137 ± 0.027 $\chi^2/\text{NDF}: 32.2/28$

All: 0.114 ± 0.019 $\chi^2/\text{NDF}: 55.2/54$

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: 0.088 ± 0.026 $\chi^2/\text{NDF}: 7.2/11$

Right Out: 0.062 ± 0.034 $\chi^2/\text{NDF}: 20.0/16$

Left In: 0.064 ± 0.028 $\chi^2/\text{NDF}: 14.0/9$

Left: 0.077 ± 0.019 $\chi^2/\text{NDF}: 21.6/21$

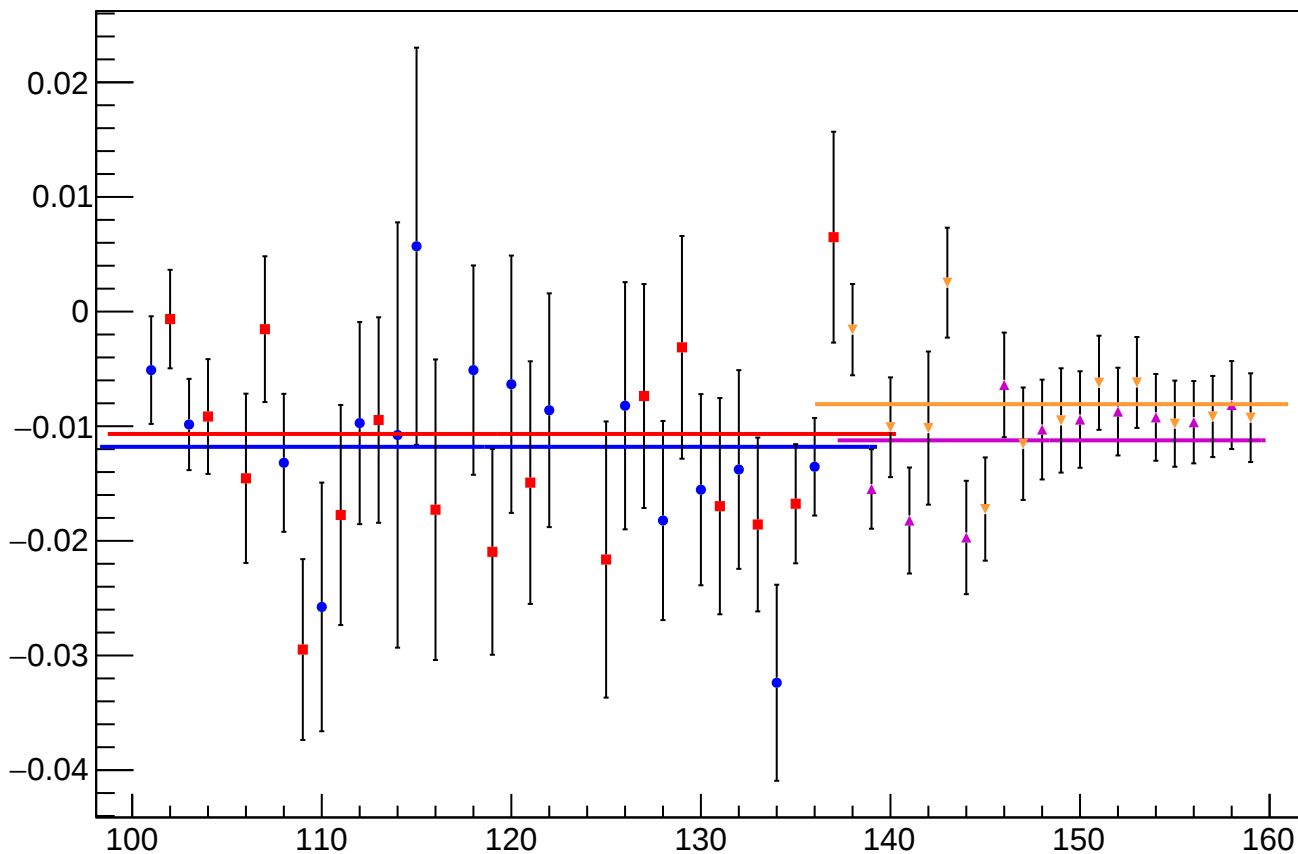
Right: 0.026 ± 0.023 $\chi^2/\text{NDF}: 35.3/32$

In: 0.034 ± 0.021 $\chi^2/\text{NDF}: 30.0/25$

Out: 0.078 ± 0.021 $\chi^2/\text{NDF}: 27.5/28$

All: 0.057 ± 0.015 $\chi^2/\text{NDF}: 59.7/54$

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.012 ± 0.002 χ^2/NDF : 12.8/15

Left Out: -0.008 ± 0.001 χ^2/NDF : 13.4/11

Right Out: -0.011 ± 0.002 χ^2/NDF : 23.8/16

Left In: -0.011 ± 0.001 χ^2/NDF : 9.6/9

Left: -0.010 ± 0.001 χ^2/NDF : 26.2/21

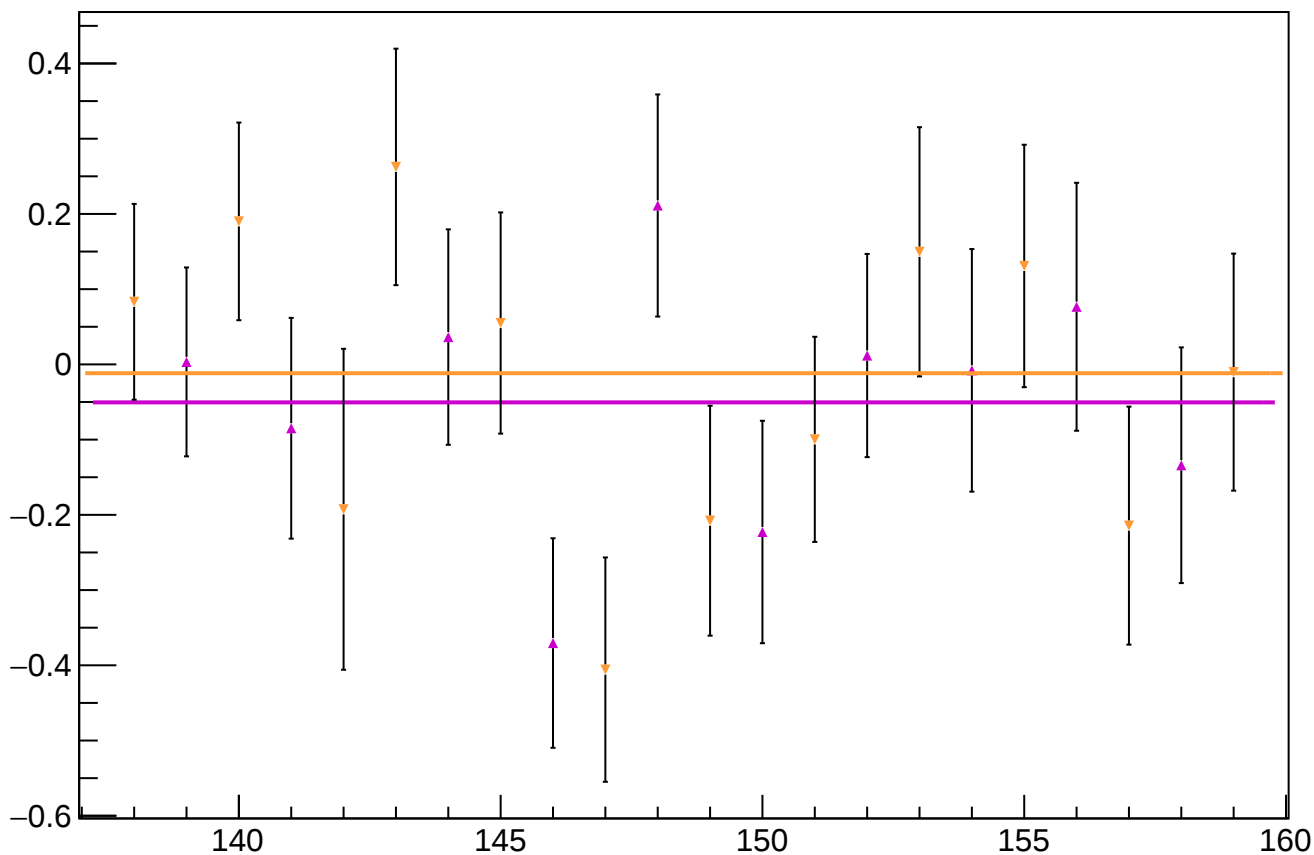
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 22.5/25

Out: -0.009 ± 0.001 χ^2/NDF : 38.6/28

All: -0.010 ± 0.001 χ^2/NDF : 64.1/54

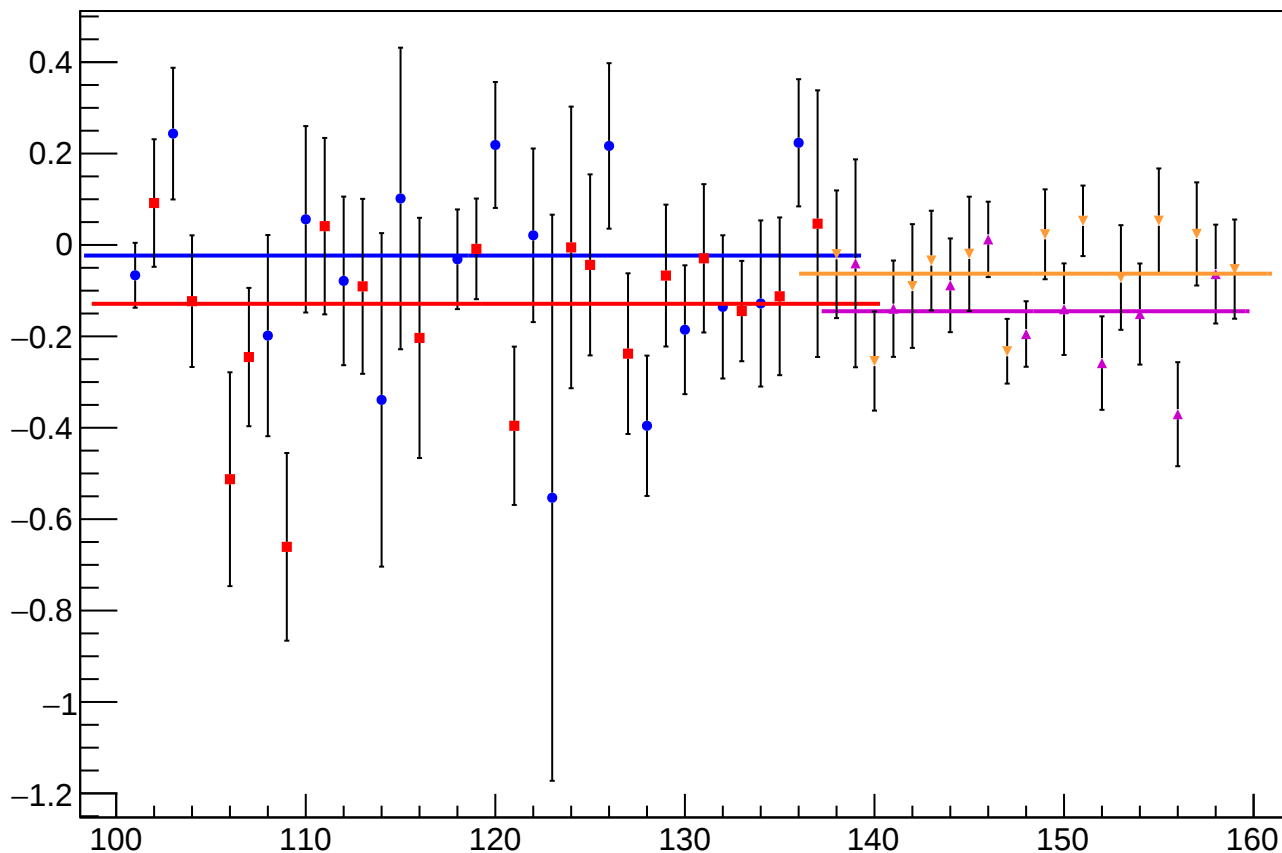
reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.012+/-0.044 χ^2/NDF :19.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.050+/-0.046 χ^2/NDF :11.5/9

Left: -0.030+/-0.032 χ^2/NDF : 31.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.050+/-0.046 χ^2/NDF :11.5/9
 Out: -0.012+/-0.044 χ^2/NDF :19.3/11
 All: -0.030+/-0.032 χ^2/NDF : 31.2/21

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.023 ± 0.037 $\chi^2/\text{NDF}: 22.4/16$

Left Out: -0.063 ± 0.030 $\chi^2/\text{NDF}: 13.8/11$

Right Out: -0.129 ± 0.039 $\chi^2/\text{NDF}: 18.6/17$

Left In: -0.145 ± 0.032 $\chi^2/\text{NDF}: 10.4/9$

Left: -0.101 ± 0.022 $\chi^2/\text{NDF}: 27.7/21$

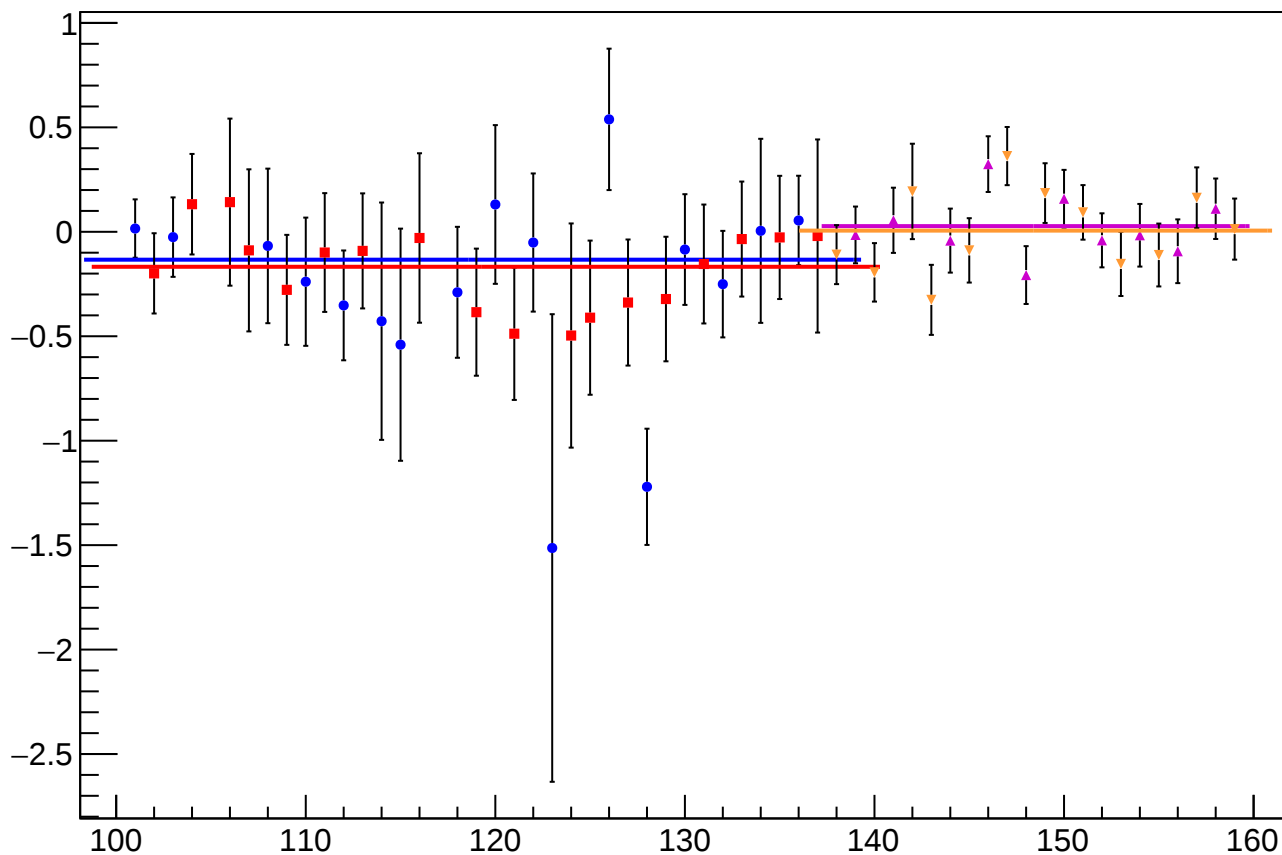
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.092 ± 0.024 $\chi^2/\text{NDF}: 39.1/26$

Out: -0.087 ± 0.024 $\chi^2/\text{NDF}: 34.2/29$

All: -0.090 ± 0.017 $\chi^2/\text{NDF}: 73.3/56$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.006 ± 0.043 χ^2/NDF : 19.1/11

Right Out: -0.167 ± 0.071 χ^2/NDF : 6.1/17

Left In: 0.027 ± 0.045 χ^2/NDF : 10.4/9

Left: 0.016 ± 0.031 χ^2/NDF : 29.6/21

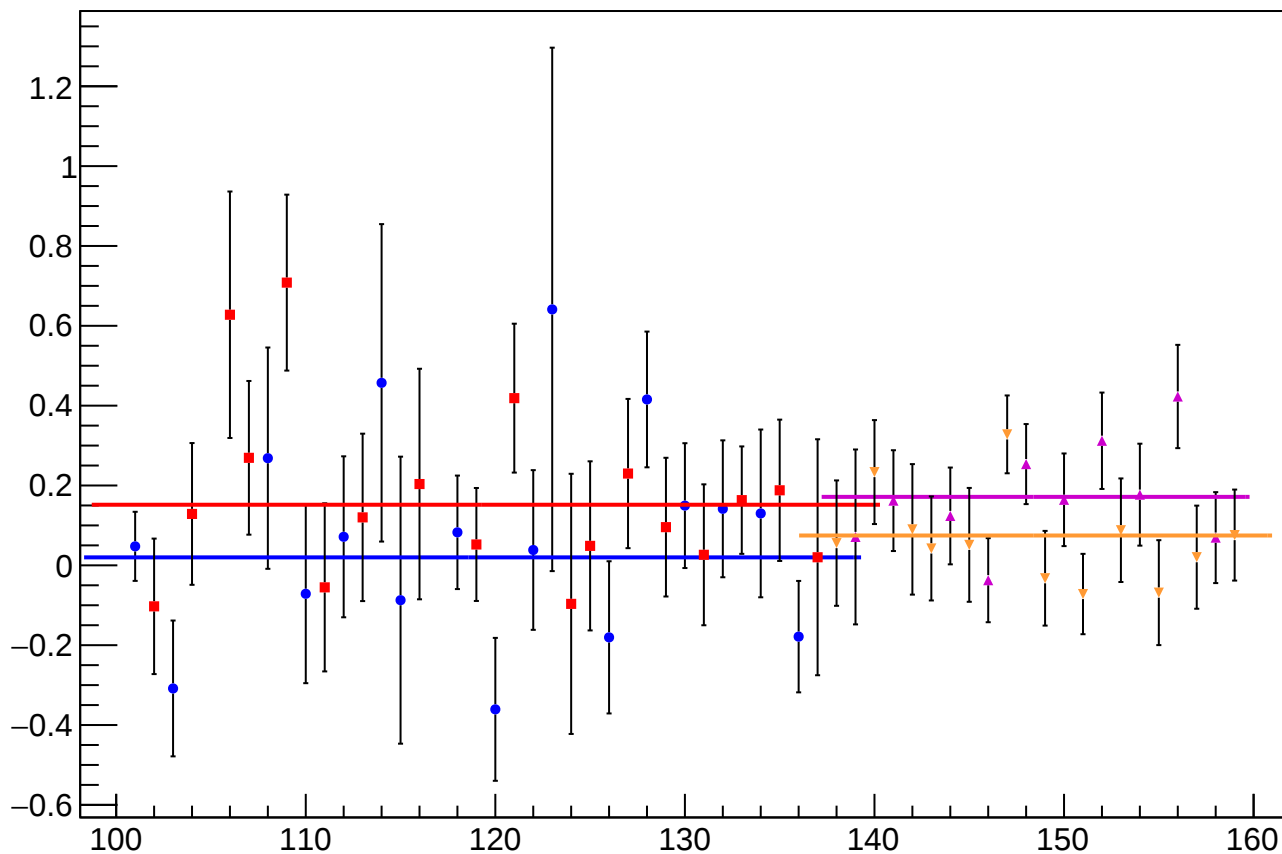
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.023 ± 0.037 χ^2/NDF : 40.1/26

Out: -0.041 ± 0.037 χ^2/NDF : 29.6/29

All: -0.032 ± 0.026 χ^2/NDF : 69.8/56

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 ± 0.042 χ^2/NDF : 21.8/16

Left Out: 0.075 ± 0.036 χ^2/NDF : 12.7/11

Right Out: 0.152 ± 0.045 χ^2/NDF : 16.8/17

Left In: 0.172 ± 0.038 χ^2/NDF : 10.9/9

Left: 0.120 ± 0.026 χ^2/NDF : 27.0/21

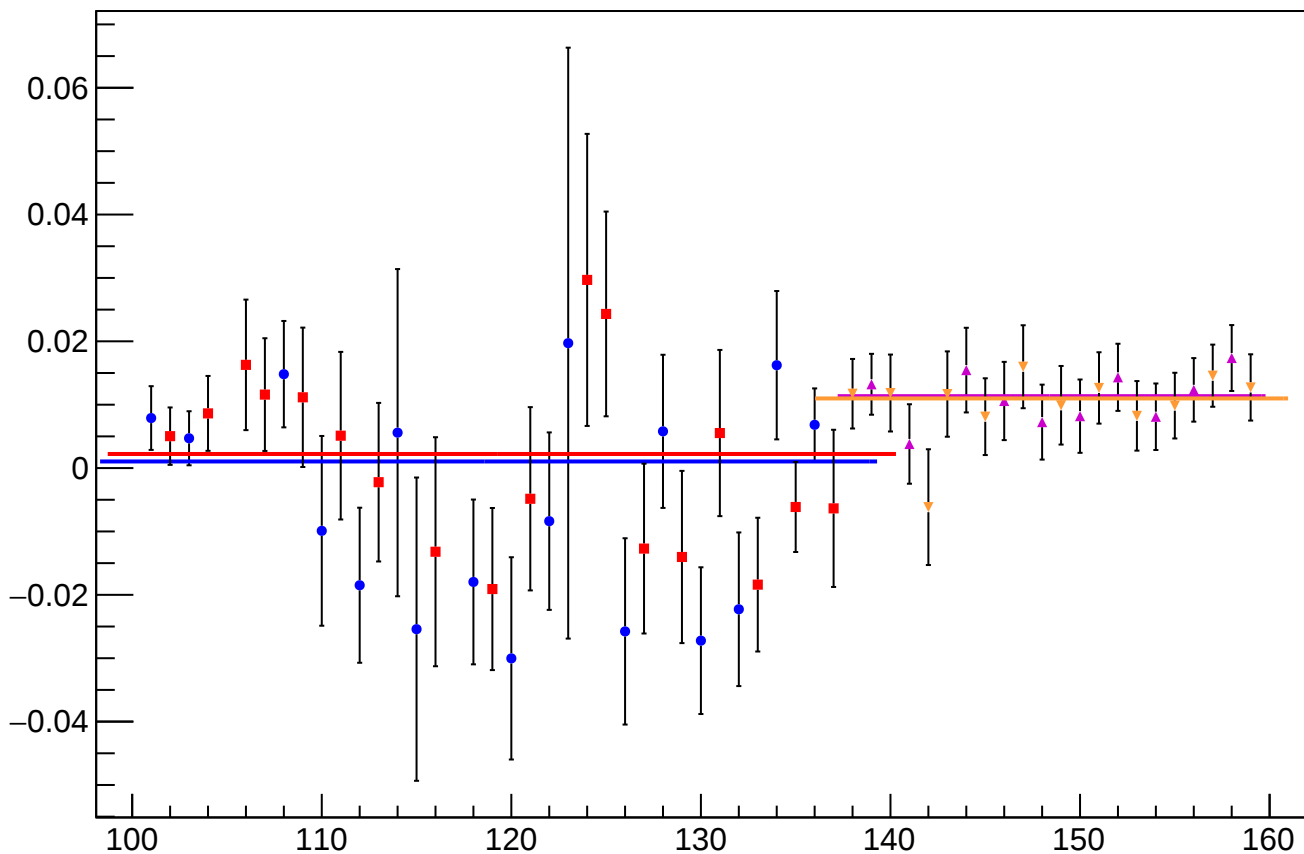
Right: 0.081 ± 0.031 χ^2/NDF : 43.1/34

In: 0.103 ± 0.028 χ^2/NDF : 39.8/26

Out: 0.104 ± 0.028 χ^2/NDF : 31.2/29

All: 0.104 ± 0.020 χ^2/NDF : 71.0/56

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2/NDF : 32.0/16

Left Out: 0.011 $\pm$ 0.002 χ^2/NDF :5.4/11

Right Out: 0.002 $\pm$ 0.002 χ^2/NDF : 20.8/17

Left In: 0.011 $\pm$ 0.002 χ^2/NDF :4.8/9

Left: 0.011 $\pm$ 0.001 χ^2/NDF : 10.3/21

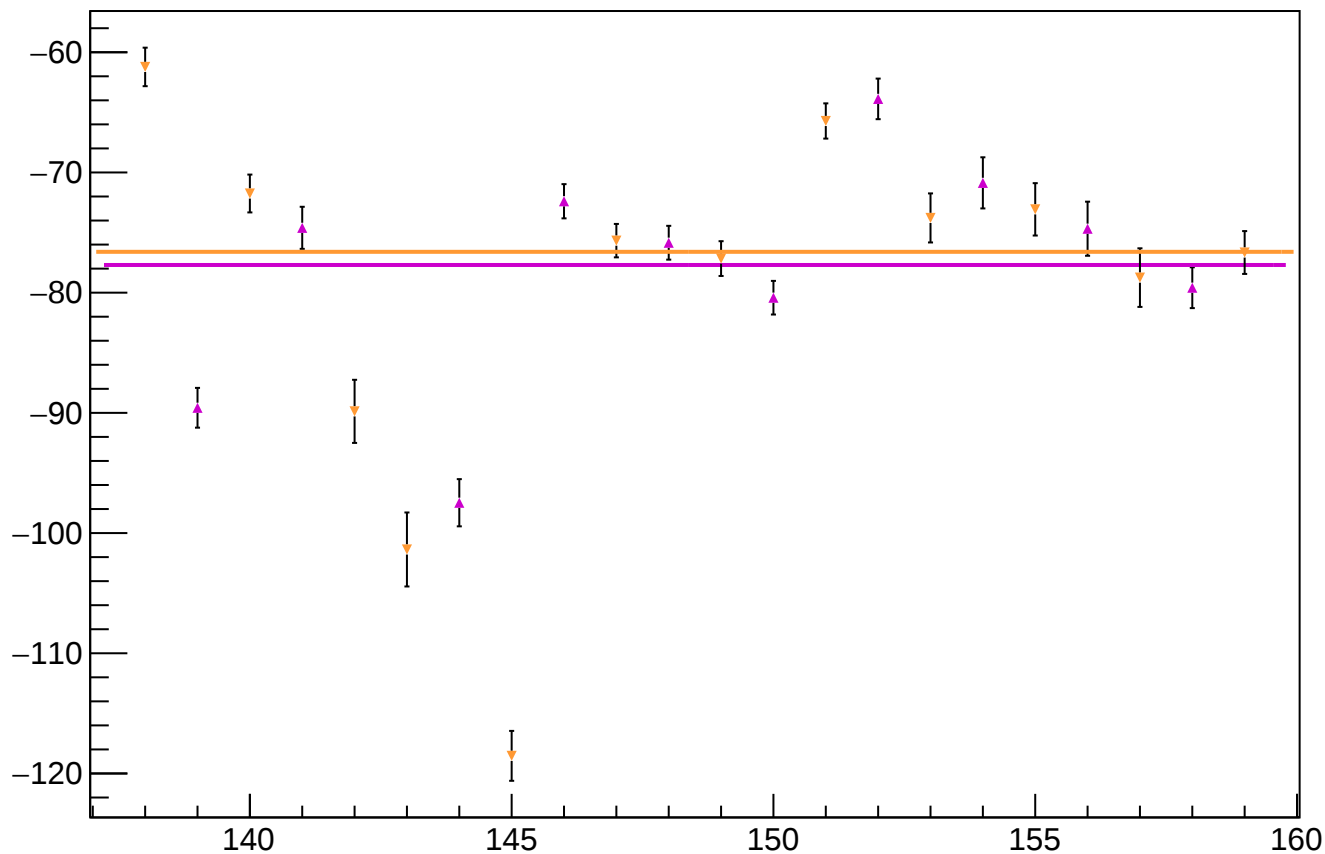
Right: 0.002 $\pm$ 0.002 χ^2/NDF : 53.0/34

In: 0.007 $\pm$ 0.001 χ^2/NDF :50.1/26

Out: 0.008 $\pm$ 0.001 χ^2/NDF :35.8/29

All: 0.008 $\pm$ 0.001 χ^2/NDF : 85.9/56

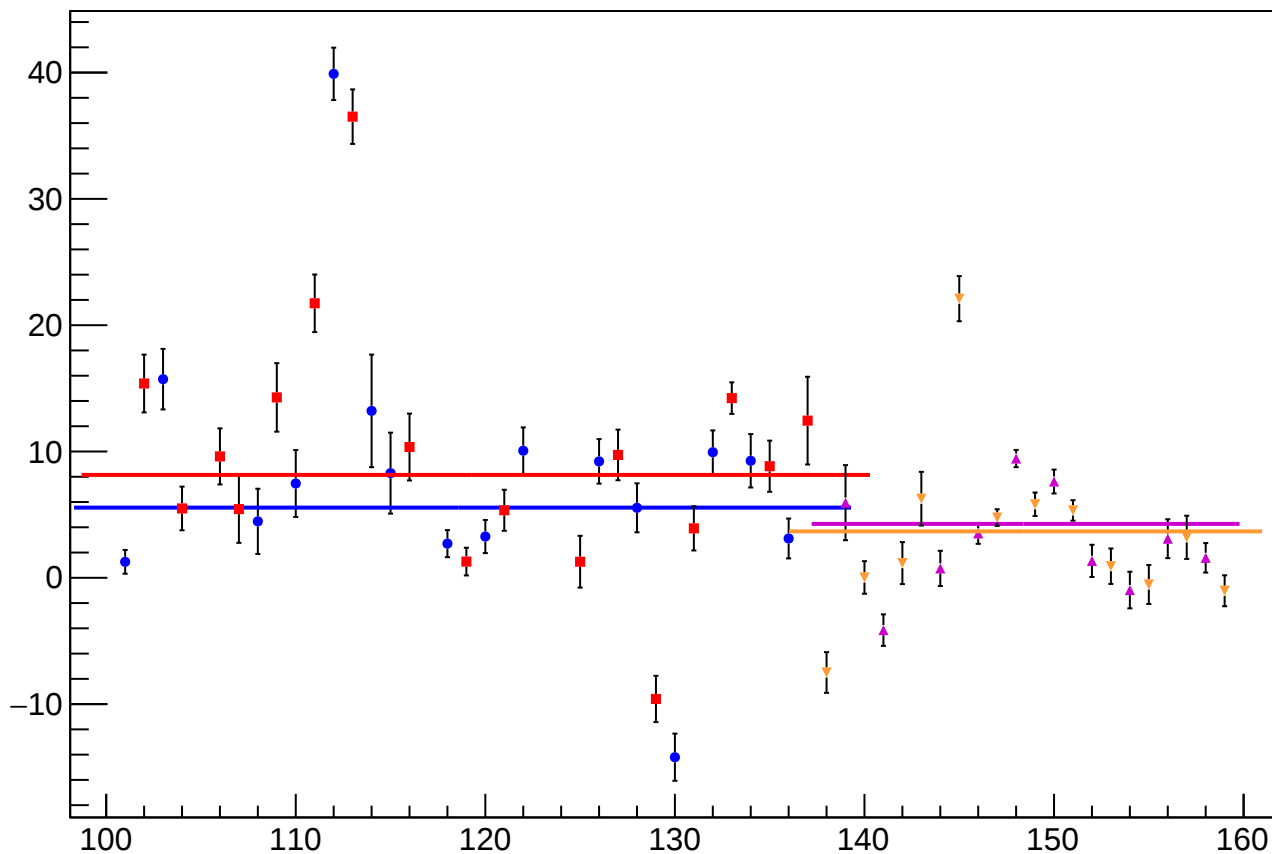
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -77.697+/-0.529 χ^2/NDF :255.8/9

Left: -77.142+/-0.371 χ^2/NDF : 919.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.697+/-0.529 χ^2/NDF :255.8/9
 Out: -76.602+/-0.522 χ^2/NDF :661.2/11
 All: -77.142+/-0.371 χ^2/NDF : 919.2/21

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 ± 0.424 χ^2/NDF : 462.0/15

Left Out: 3.676 ± 0.337 χ^2/NDF : 204.4/11

Right Out: 8.146 ± 0.454 χ^2/NDF : 406.8/16

Left In: 4.269 ± 0.348 χ^2/NDF : 147.3/9

Left: 3.963 ± 0.242 χ^2/NDF : 353.2/21

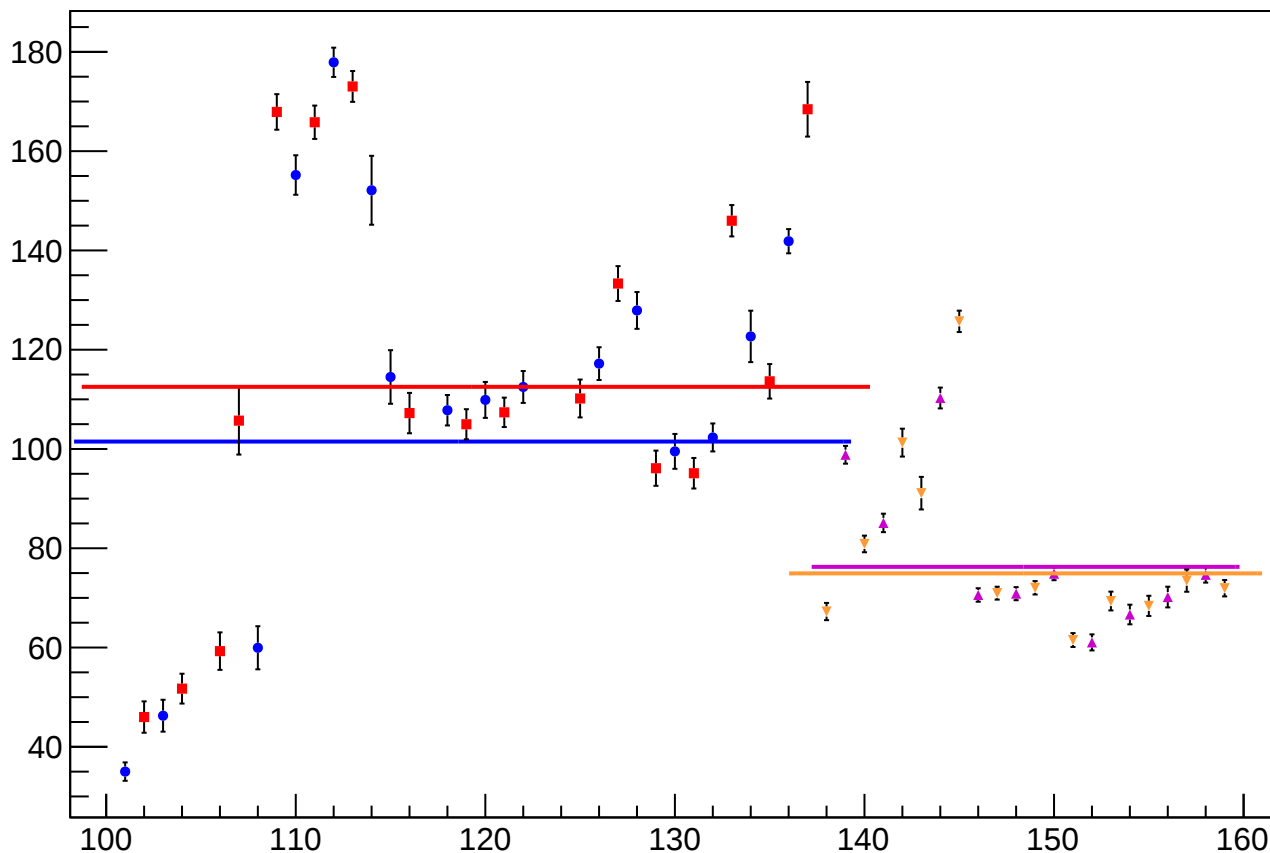
Right: 6.763 ± 0.310 χ^2/NDF : 886.1/32

In: 4.787 ± 0.269 χ^2/NDF : 614.8/25

Out: 5.262 ± 0.271 χ^2/NDF : 673.7/28

All: 5.023 ± 0.191 χ^2/NDF : 1290.0/54

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: 74.938 $\pm$ 0.509 χ^2 /NDF:828.7/11

Right Out: 112.521 $\pm$ 0.843 χ^2 /NDF: 2236.9/16

Left In: 76.252 $\pm$ 0.513 χ^2 /NDF:600.6/9

Left: 75.590 $\pm$ 0.361 χ^2 /NDF: 1432.6/21

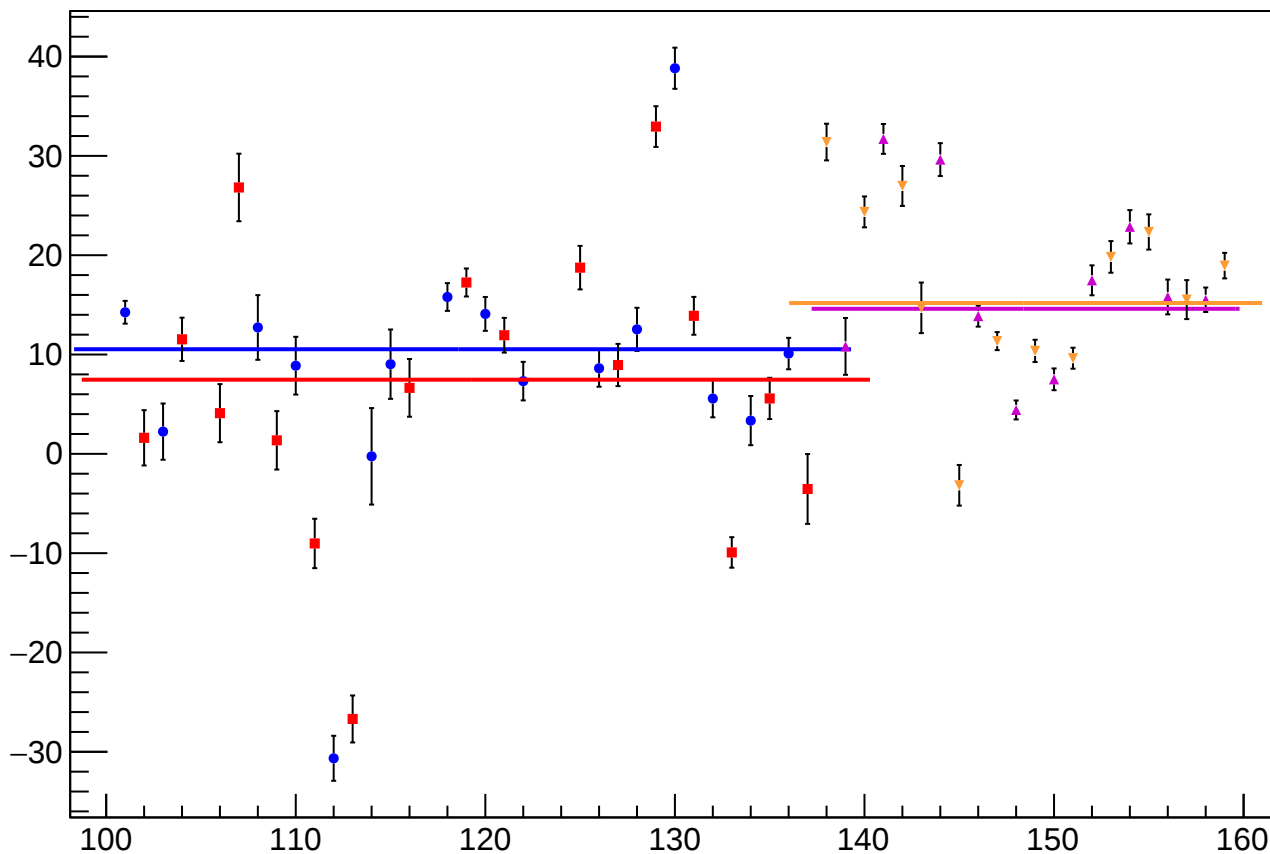
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 83.499 $\pm$ 0.433 χ^2 /NDF:4269.0/25

Out: 84.974 $\pm$ 0.436 χ^2 /NDF:4521.8/28

All: 84.232 $\pm$ 0.307 χ^2 /NDF: 8796.6/54

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: 15.187 ± 0.414 $\chi^2/\text{NDF}: 324.1/11$

Right Out: 7.466 ± 0.525 $\chi^2/\text{NDF}: 685.0/16$

Left In: 14.604 ± 0.425 $\chi^2/\text{NDF}: 399.0/9$

Left: 14.903 ± 0.297 $\chi^2/\text{NDF}: 724.1/21$

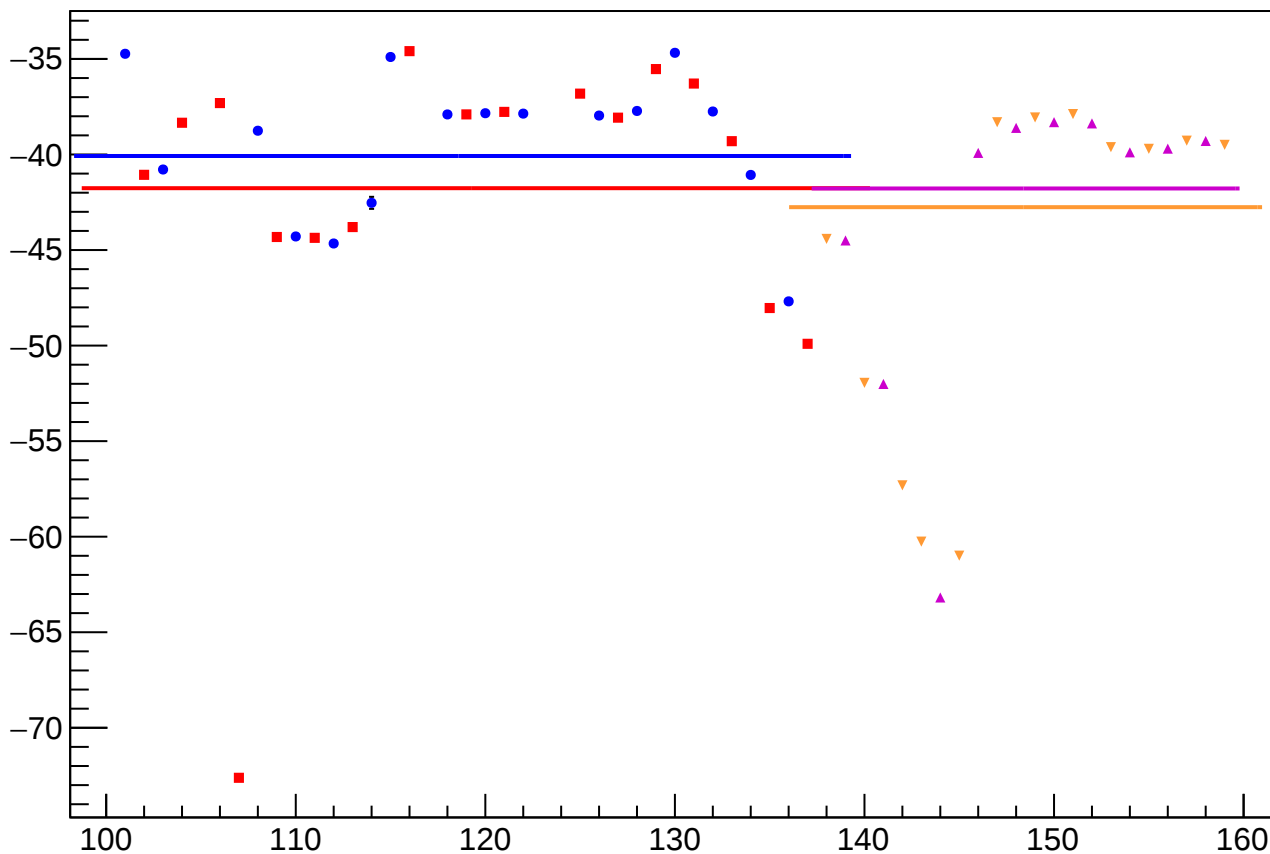
Right: 9.096 ± 0.359 $\chi^2/\text{NDF}: 1283.4/32$

In: 12.868 ± 0.322 $\chi^2/\text{NDF}: 1018.5/25$

Out: 12.225 ± 0.325 $\chi^2/\text{NDF}: 1142.4/28$

All: 12.550 ± 0.229 $\chi^2/\text{NDF}: 2162.8/54$

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 $\pm$ 0.028 χ^2 /NDF: 25147.0/15

Left Out: -42.757 $\pm$ 0.021 χ^2 /NDF:123462.3/11

Right Out: -41.764 $\pm$ 0.029 χ^2 /NDF: 60249.3/16

Left In: -41.779 $\pm$ 0.020 χ^2 /NDF:88601.9/9

Left: -42.265 $\pm$ 0.014 χ^2 /NDF: 213209.1/21

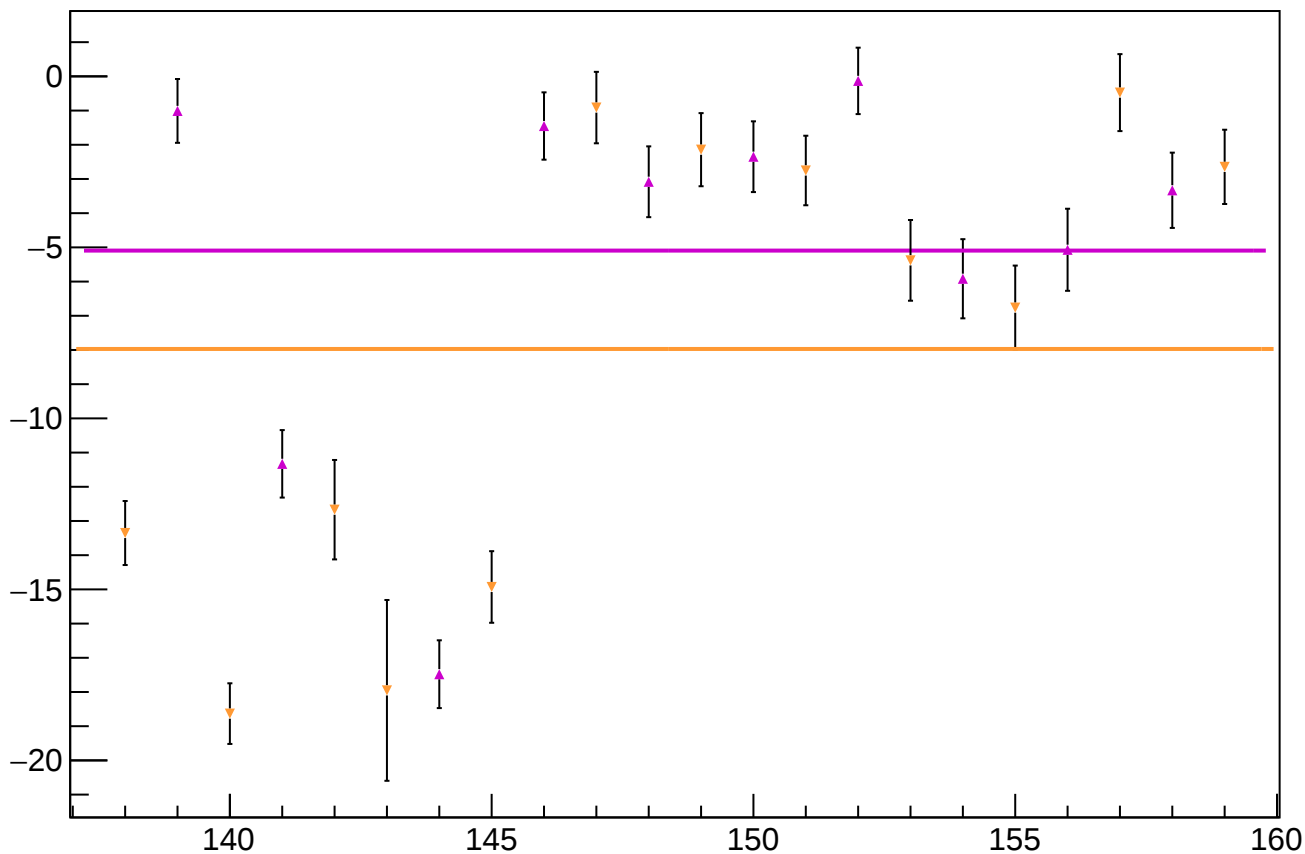
Right: -40.903 $\pm$ 0.020 χ^2 /NDF: 87139.1/32

In: -41.196 $\pm$ 0.017 χ^2 /NDF:116134.1/25

Out: -42.424 $\pm$ 0.017 χ^2 /NDF:184499.2/28

All: -41.803 $\pm$ 0.012 χ^2 /NDF: 303361.1/54

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -7.970 $\pm$ 0.321 χ^2 /NDF:422.5/11

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -5.094 $\pm$ 0.326 χ^2 /NDF:269.0/9

Left: -6.555 $\pm$ 0.229 χ^2 /NDF: 731.1/21

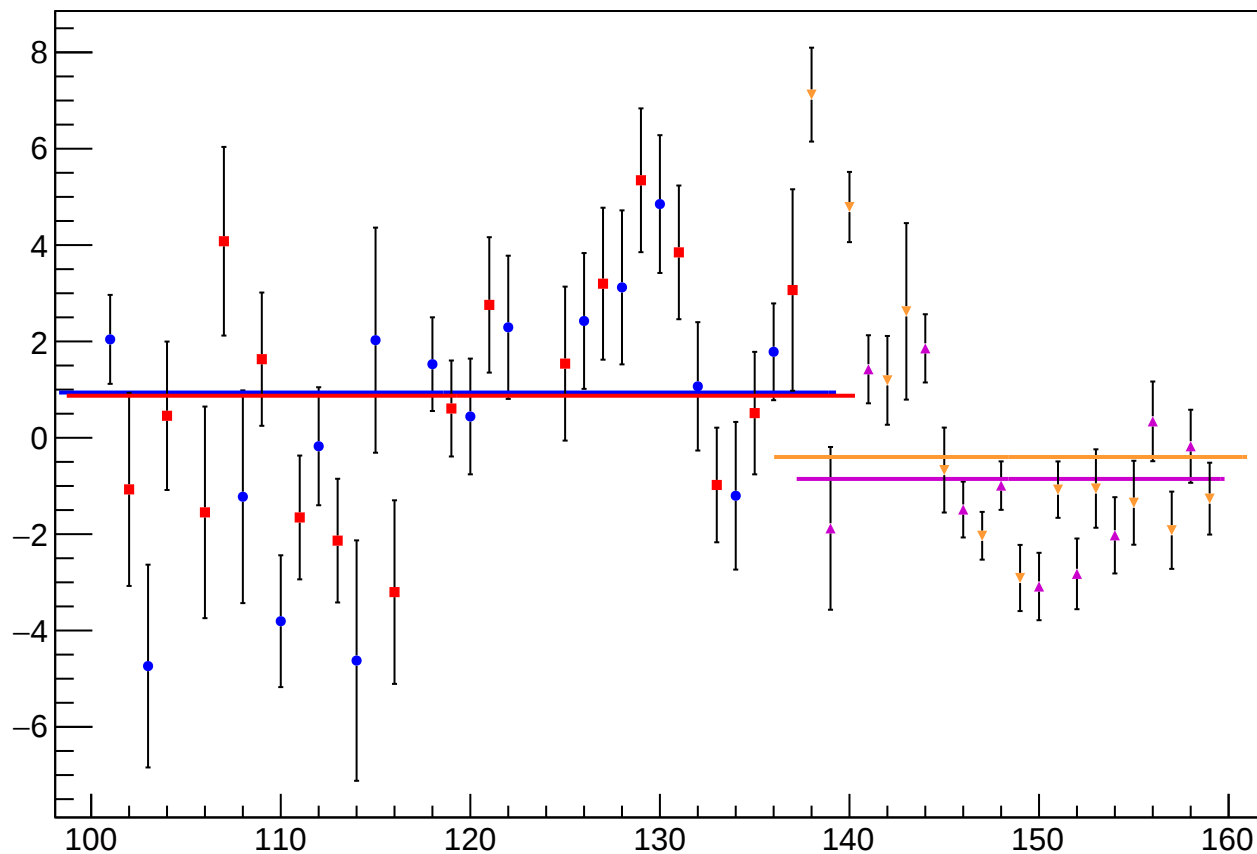
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -5.094 $\pm$ 0.326 χ^2 /NDF:269.0/9

Out: -7.970 $\pm$ 0.321 χ^2 /NDF:422.5/11

All: -6.555 $\pm$ 0.229 χ^2 /NDF: 731.1/21

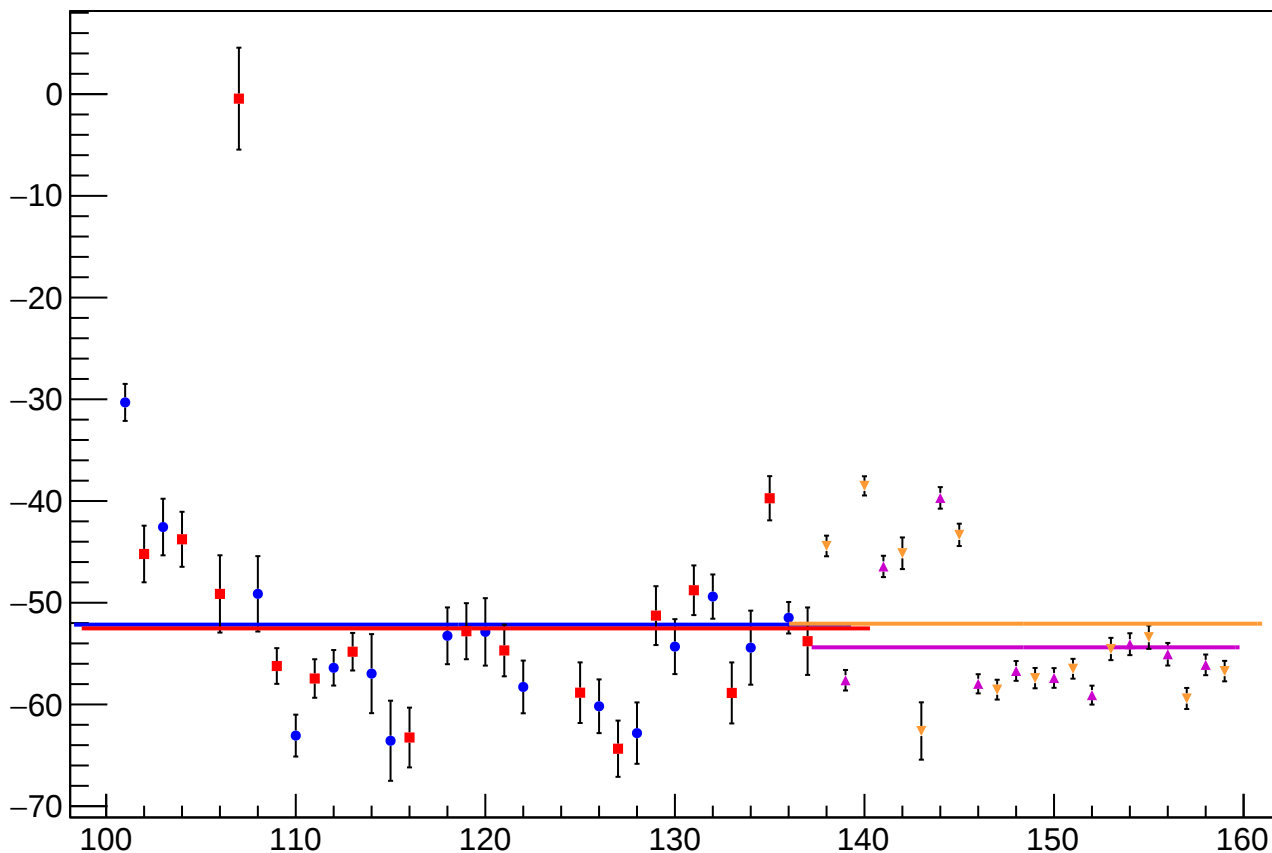
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 $\chi^2/\text{NDF}: 42.2/15$
 Left Out: -0.399 ± 0.218 $\chi^2/\text{NDF}: 148.4/11$
 Right Out: 0.873 ± 0.354 $\chi^2/\text{NDF}: 40.6/16$
 Left In: -0.854 ± 0.224 $\chi^2/\text{NDF}: 49.2/9$

Left: -0.621 ± 0.156 $\chi^2/\text{NDF}: 199.7/21$
 Right: 0.908 ± 0.245 $\chi^2/\text{NDF}: 82.8/32$
 In: -0.309 ± 0.187 $\chi^2/\text{NDF}: 110.9/25$
 Out: -0.048 ± 0.186 $\chi^2/\text{NDF}: 198.3/28$
 All: -0.178 ± 0.132 $\chi^2/\text{NDF}: 310.2/54$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.154 ± 0.613 χ^2/NDF : 231.1/15

Left Out: -52.060 ± 0.315 χ^2/NDF : 531.3/11

Right Out: -52.523 ± 0.618 χ^2/NDF : 217.7/16

Left In: -54.383 ± 0.319 χ^2/NDF : 318.5/9

Left: -53.207 ± 0.224 χ^2/NDF : 876.7/21

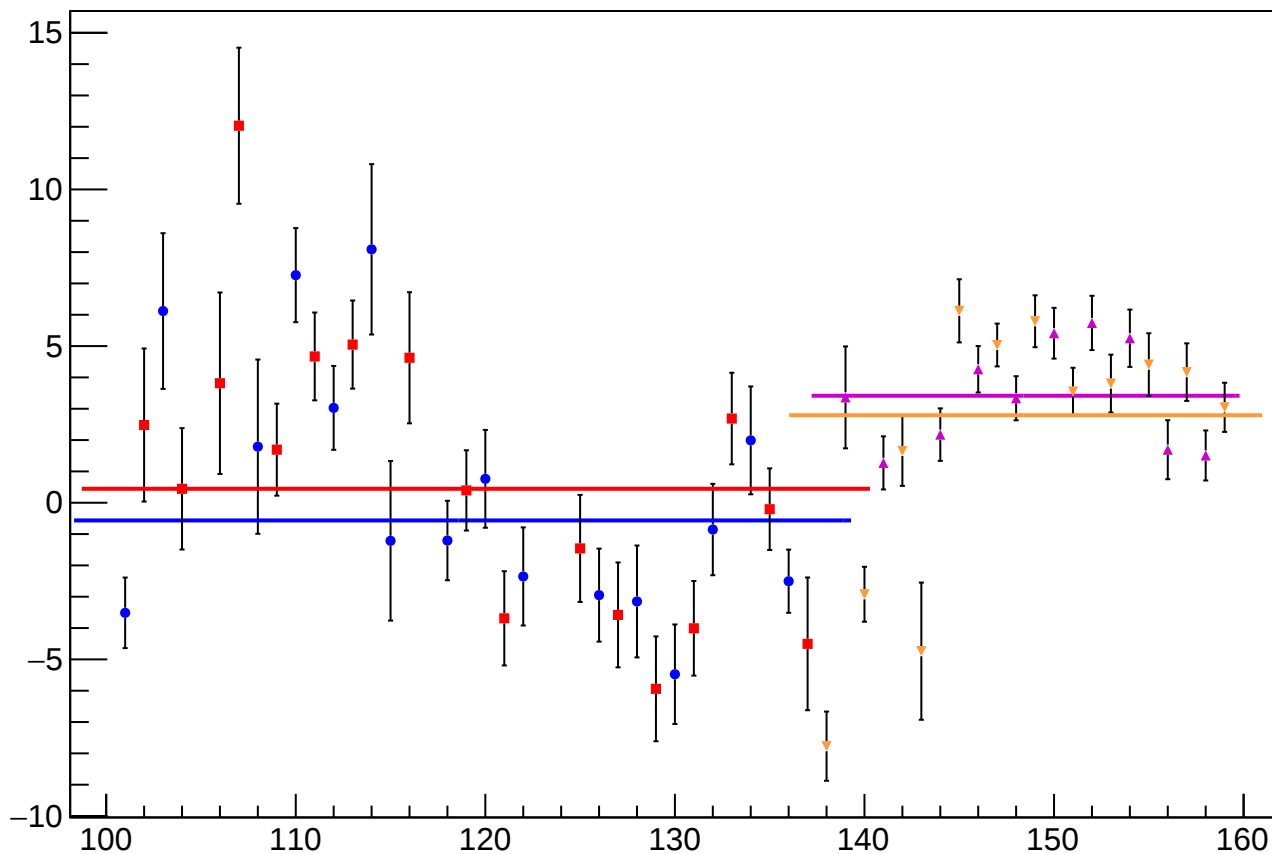
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.908 ± 0.283 χ^2/NDF : 560.0/25

Out: -52.155 ± 0.281 χ^2/NDF : 749.5/28

All: -53.025 ± 0.199 χ^2/NDF : 1328.8/54

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: 2.794 ± 0.263 χ^2/NDF : 188.7/11

Right Out: 0.445 ± 0.400 χ^2/NDF : 94.1/16

Left In: 3.415 ± 0.269 χ^2/NDF : 36.2/9

Left: 3.097 ± 0.188 χ^2/NDF : 227.7/21

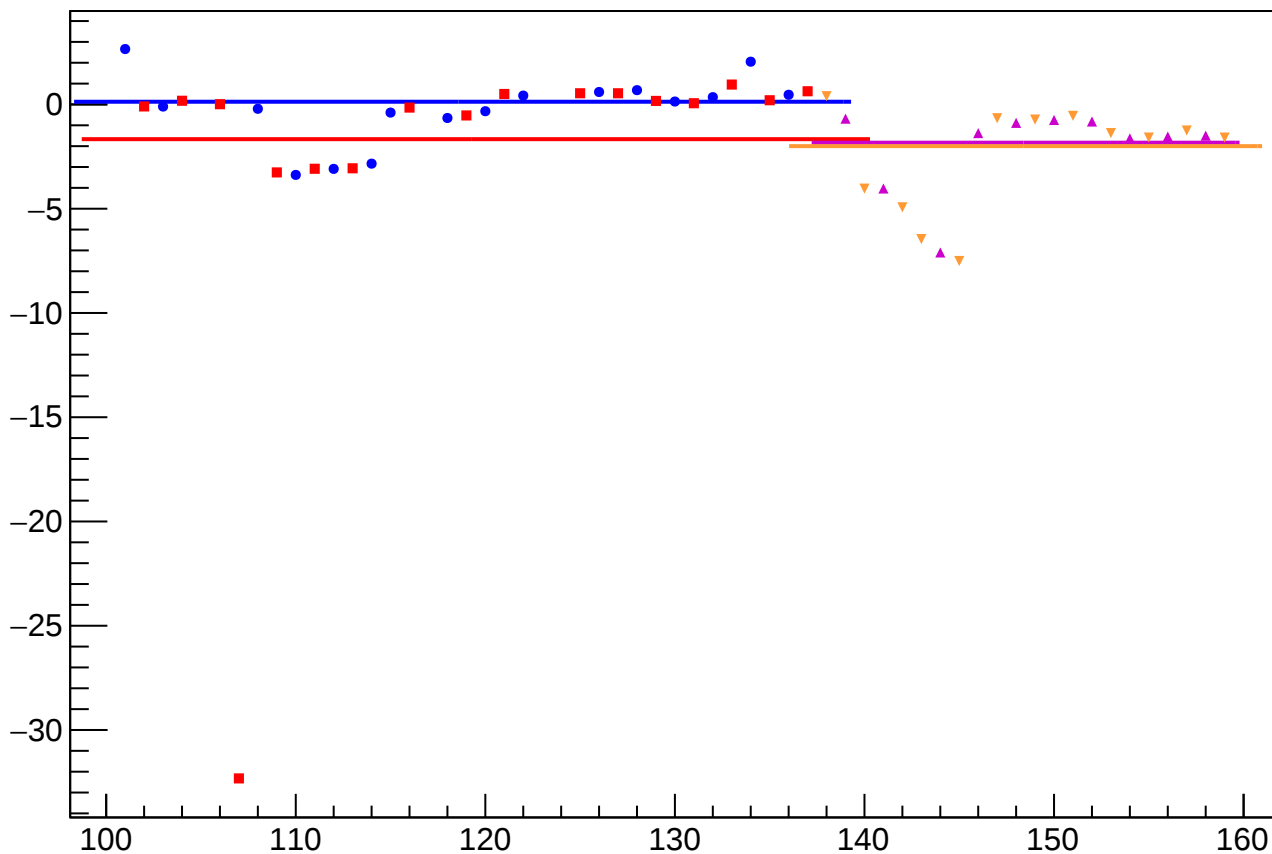
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 2.105 ± 0.221 χ^2/NDF : 190.0/25

Out: 2.084 ± 0.220 χ^2/NDF : 306.9/28

All: 2.094 ± 0.156 χ^2/NDF : 496.8/54

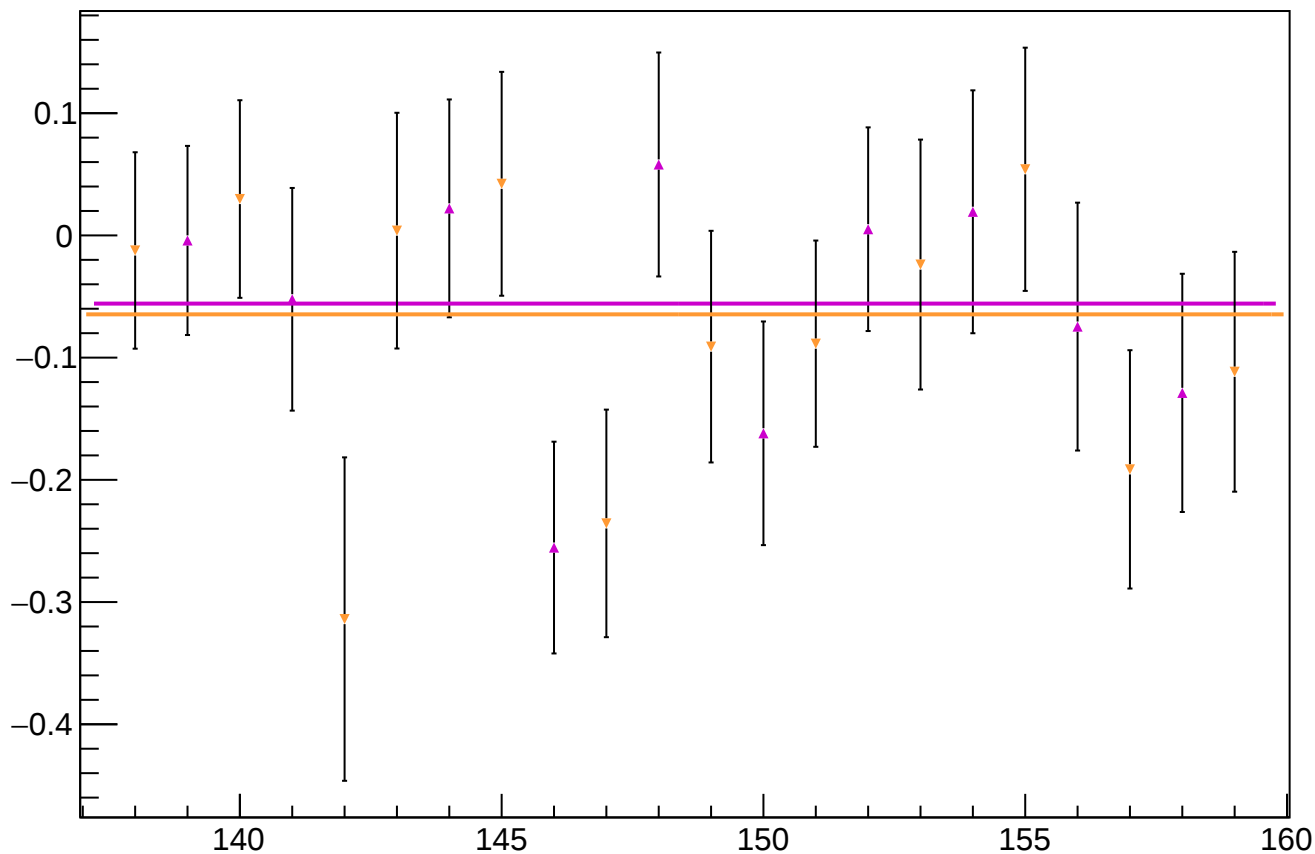
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.000 ± 0.012 $\chi^2/\text{NDF}: 29987.9/11$
 Right Out: -1.665 ± 0.022 $\chi^2/\text{NDF}: 77602.8/16$
 Left In: -1.833 ± 0.012 $\chi^2/\text{NDF}: 18915.6/9$

Left: -1.917 ± 0.009 $\chi^2/\text{NDF}: 48993.4/21$
 Right: -0.752 ± 0.015 $\chi^2/\text{NDF}: 86255.5/32$
 In: -1.339 ± 0.011 $\chi^2/\text{NDF}: 30382.4/25$
 Out: -1.919 ± 0.011 $\chi^2/\text{NDF}: 107768.5/28$
 All: -1.630 ± 0.008 $\chi^2/\text{NDF}: 139598.0/54$

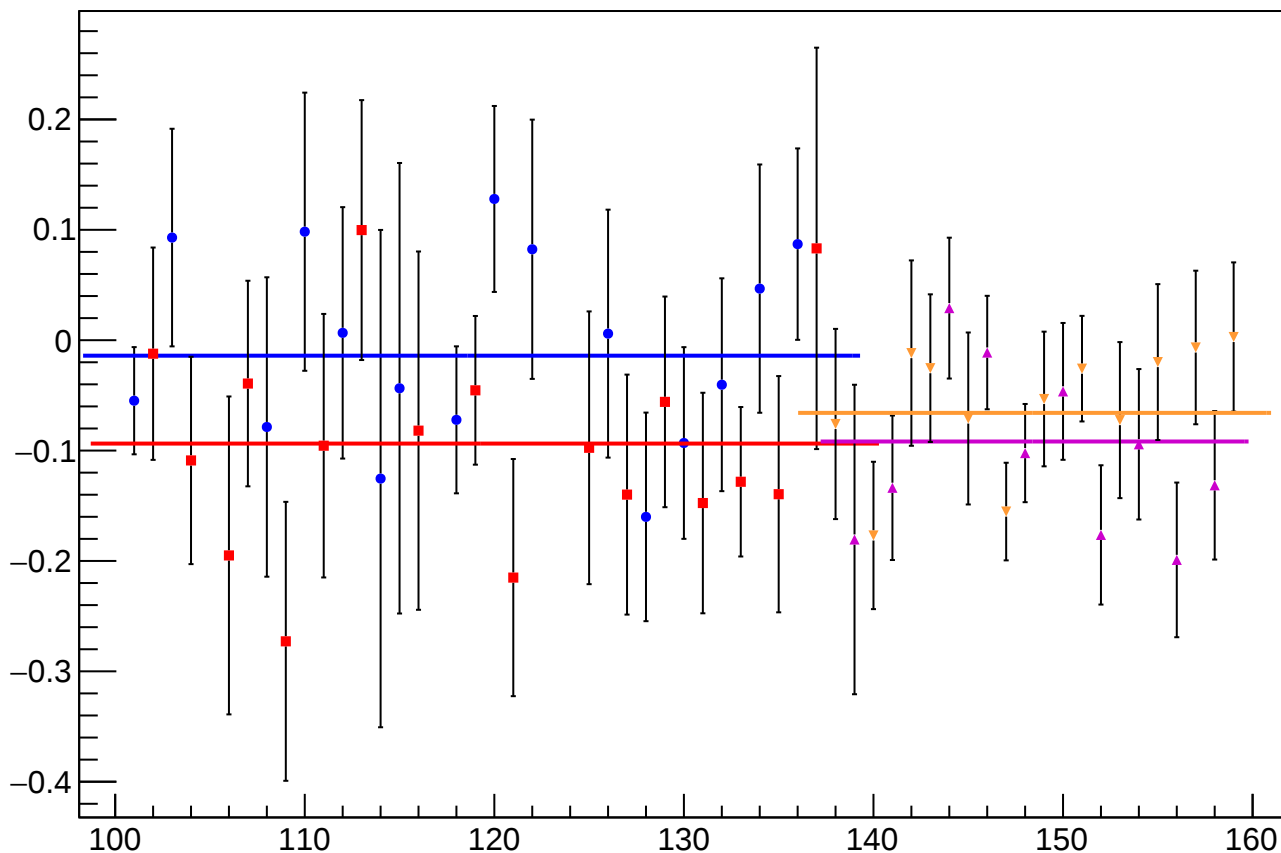
reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.056 $\pm$ 0.028 χ^2 /NDF:11.1/9

Left: -0.060 $\pm$ 0.020 χ^2 /NDF: 25.4/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.056 $\pm$ 0.028 χ^2 /NDF:11.1/9
 Out: -0.065 $\pm$ 0.027 χ^2 /NDF:14.2/11
 All: -0.060 $\pm$ 0.020 χ^2 /NDF: 25.4/21

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: -0.066 ± 0.018 $\chi^2/\text{NDF}: 10.6/11$

Right Out: -0.094 ± 0.025 $\chi^2/\text{NDF}: 10.1/16$

Left In: -0.092 ± 0.020 $\chi^2/\text{NDF}: 11.9/9$

Left: -0.078 ± 0.013 $\chi^2/\text{NDF}: 23.5/21$

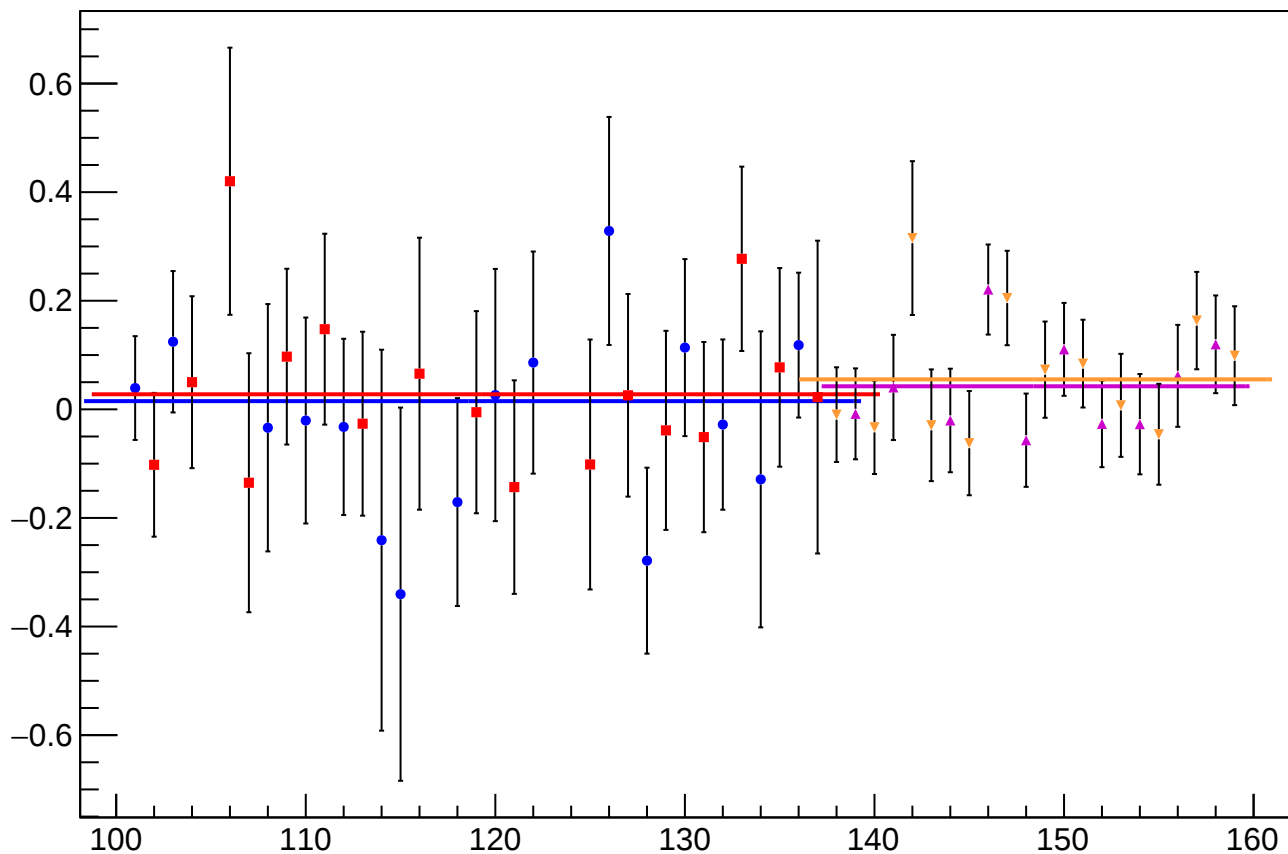
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.059 ± 0.015 $\chi^2/\text{NDF}: 30.9/25$

Out: -0.076 ± 0.015 $\chi^2/\text{NDF}: 21.5/28$

All: -0.068 ± 0.011 $\chi^2/\text{NDF}: 53.0/54$

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: 0.055 $\pm$ 0.027 χ^2 /NDF:13.4/11

Right Out: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.4/16

Left In: 0.042 $\pm$ 0.028 χ^2 /NDF:9.5/9

Left: 0.049 $\pm$ 0.019 χ^2 /NDF: 23.0/21

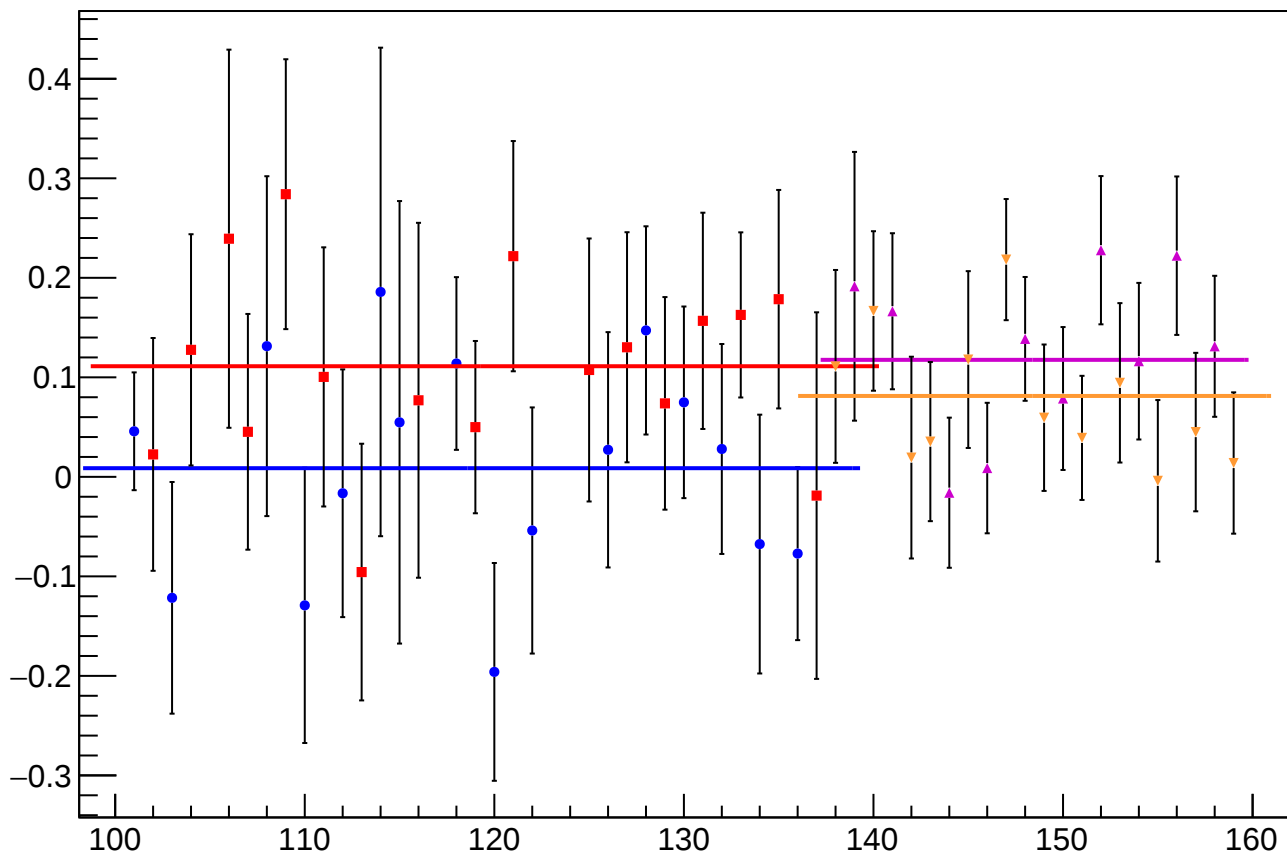
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.034 $\pm$ 0.023 χ^2 /NDF:19.9/25

Out: 0.048 $\pm$ 0.023 χ^2 /NDF:22.1/28

All: 0.041 $\pm$ 0.016 χ^2 /NDF: 42.2/54

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 ± 0.027 $\chi^2/\text{NDF}: 12.6/15$

Left Out: 0.081 ± 0.022 $\chi^2/\text{NDF}: 10.0/11$

Right Out: 0.111 ± 0.029 $\chi^2/\text{NDF}: 8.6/16$

Left In: 0.118 ± 0.024 $\chi^2/\text{NDF}: 10.9/9$

Left: 0.098 ± 0.016 $\chi^2/\text{NDF}: 22.1/21$

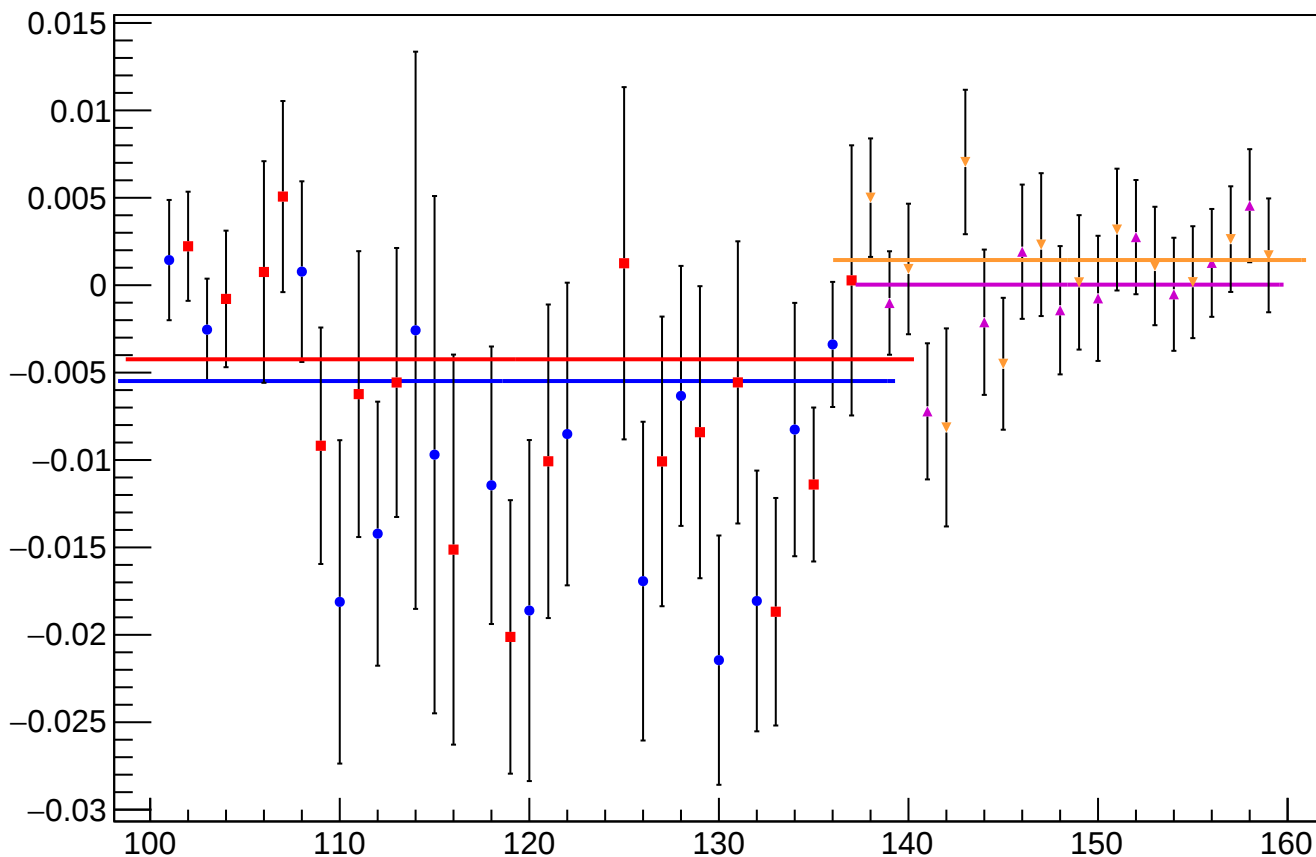
Right: 0.057 ± 0.020 $\chi^2/\text{NDF}: 28.0/32$

In: 0.070 ± 0.018 $\chi^2/\text{NDF}: 32.7/25$

Out: 0.093 ± 0.018 $\chi^2/\text{NDF}: 19.2/28$

All: 0.081 ± 0.013 $\chi^2/\text{NDF}: 52.8/54$

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 : 9.0/11

Right Out: -0.004 ± 0.001 χ^2/NDF : 23.7/16

Left In: 0.000 ± 0.001 χ^2/NDF : 7.1/9

Left: 0.001 ± 0.001 χ^2/NDF : 17.1/21

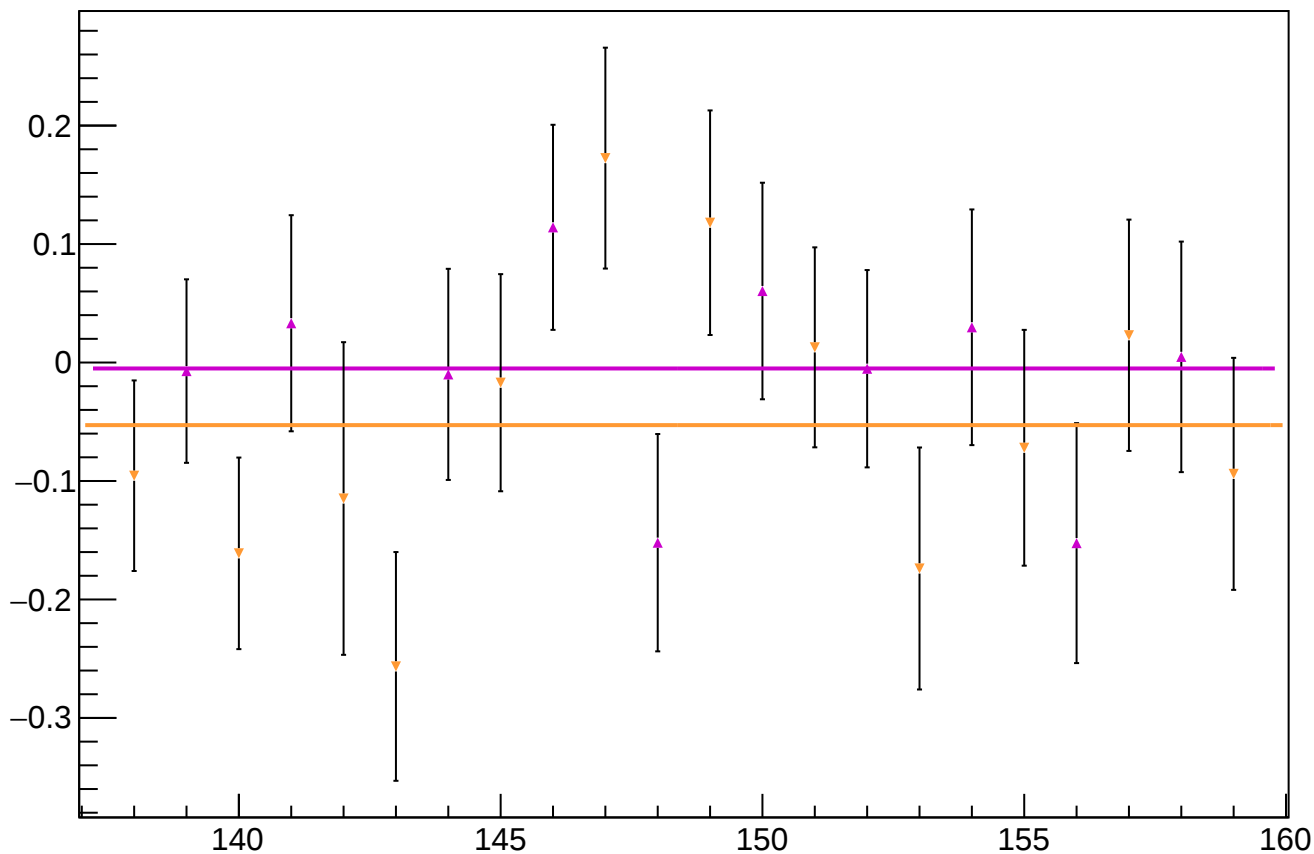
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 38.8/25

Out: -0.000 ± 0.001 χ^2/NDF : 42.7/28

All: -0.001 ± 0.001 χ^2/NDF : 82.9/54

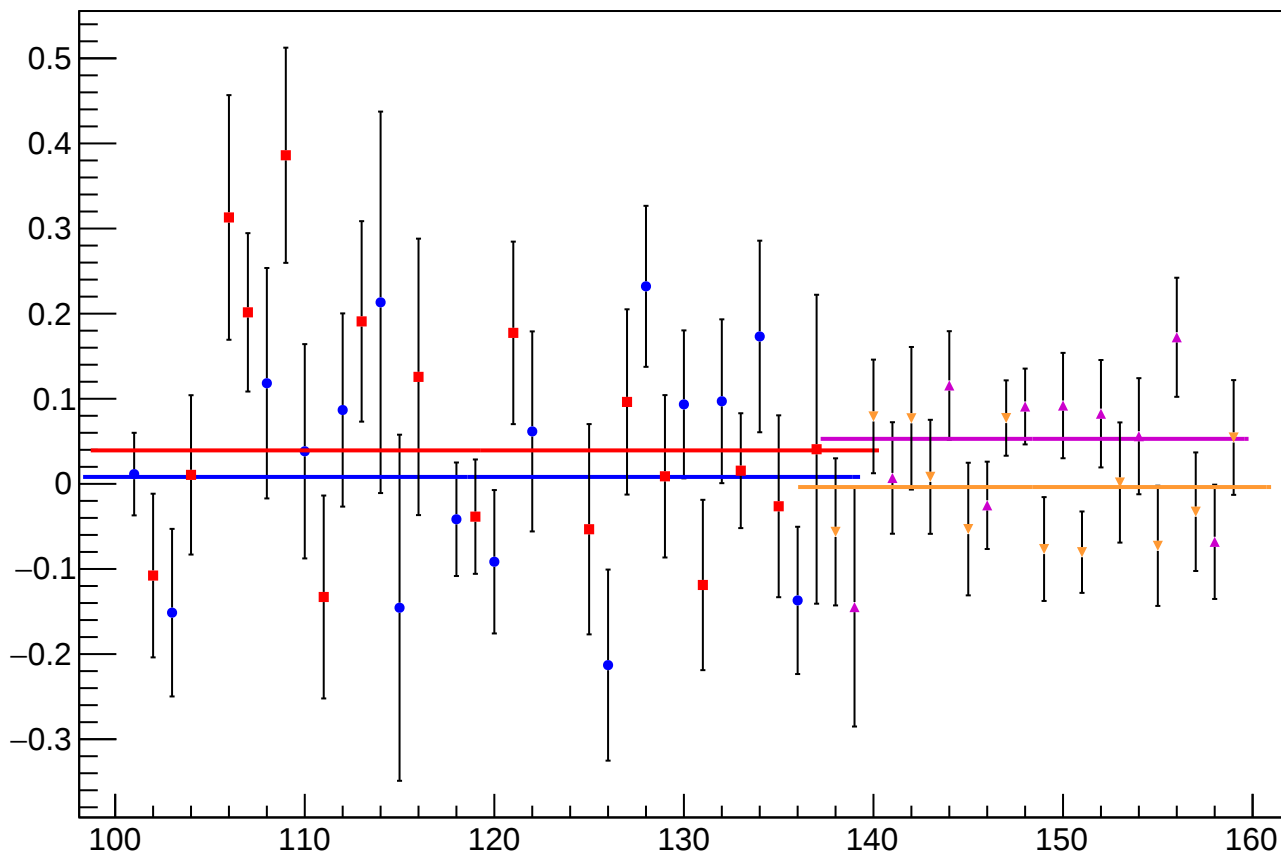
reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Left: -0.030 $\pm$ 0.020 χ^2 /NDF: 27.7/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9
 Out: -0.053 $\pm$ 0.027 χ^2 /NDF:18.8/11
 All: -0.030 $\pm$ 0.020 χ^2 /NDF: 27.7/21

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: -0.004 ± 0.018 $\chi^2/\text{NDF}: 12.5/11$

Right Out: 0.039 ± 0.025 $\chi^2/\text{NDF}: 27.6/16$

Left In: 0.053 ± 0.020 $\chi^2/\text{NDF}: 13.3/9$

Left: 0.023 ± 0.013 $\chi^2/\text{NDF}: 30.2/21$

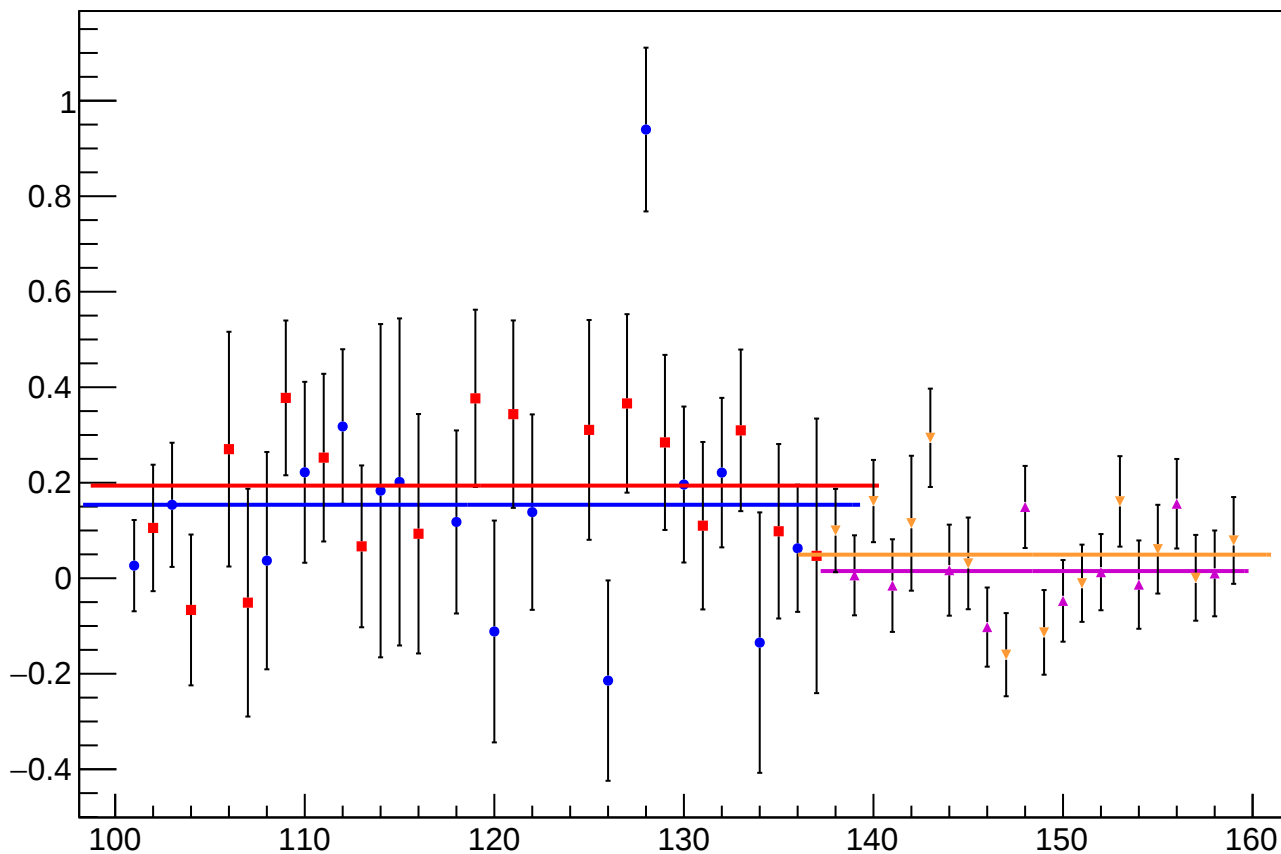
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.034 ± 0.015 $\chi^2/\text{NDF}: 39.1/25$

Out: 0.012 ± 0.015 $\chi^2/\text{NDF}: 42.0/28$

All: 0.023 ± 0.011 $\chi^2/\text{NDF}: 82.3/54$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 ± 0.043 $\chi^2/\text{NDF}: 30.5/15$

Left Out: 0.049 ± 0.027 $\chi^2/\text{NDF}: 19.4/11$

Right Out: 0.194 ± 0.045 $\chi^2/\text{NDF}: 10.6/16$

Left In: 0.015 ± 0.028 $\chi^2/\text{NDF}: 7.4/9$

Left: 0.033 ± 0.019 $\chi^2/\text{NDF}: 27.7/21$

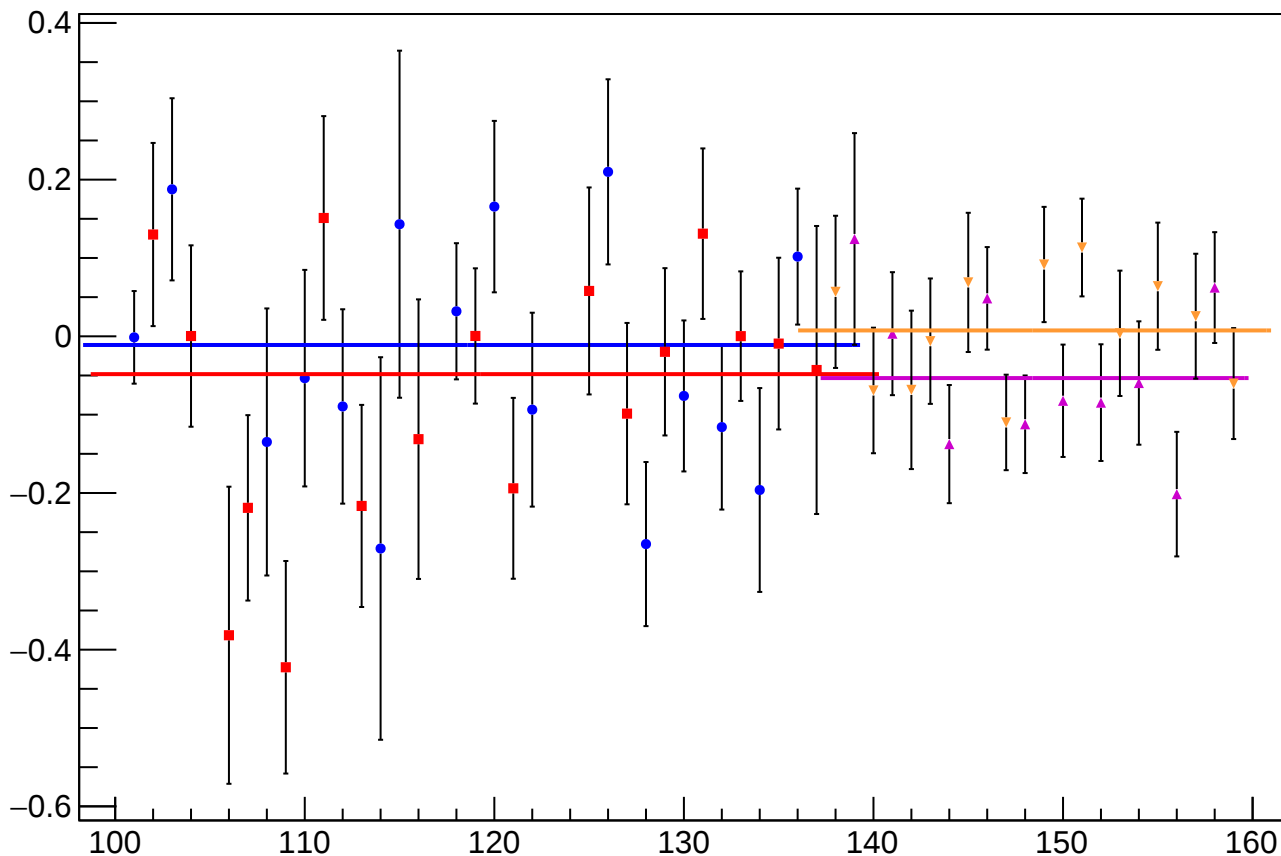
Right: 0.173 ± 0.031 $\chi^2/\text{NDF}: 41.5/32$

In: 0.056 ± 0.023 $\chi^2/\text{NDF}: 45.3/25$

Out: 0.087 ± 0.023 $\chi^2/\text{NDF}: 37.7/28$

All: 0.072 ± 0.016 $\chi^2/\text{NDF}: 83.9/54$

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: 0.008 ± 0.022 χ^2/NDF : 11.6/11

Right Out: -0.048 ± 0.029 χ^2/NDF : 25.6/16

Left In: -0.053 ± 0.024 χ^2/NDF : 13.3/9

Left: -0.021 ± 0.016 χ^2/NDF : 28.4/21

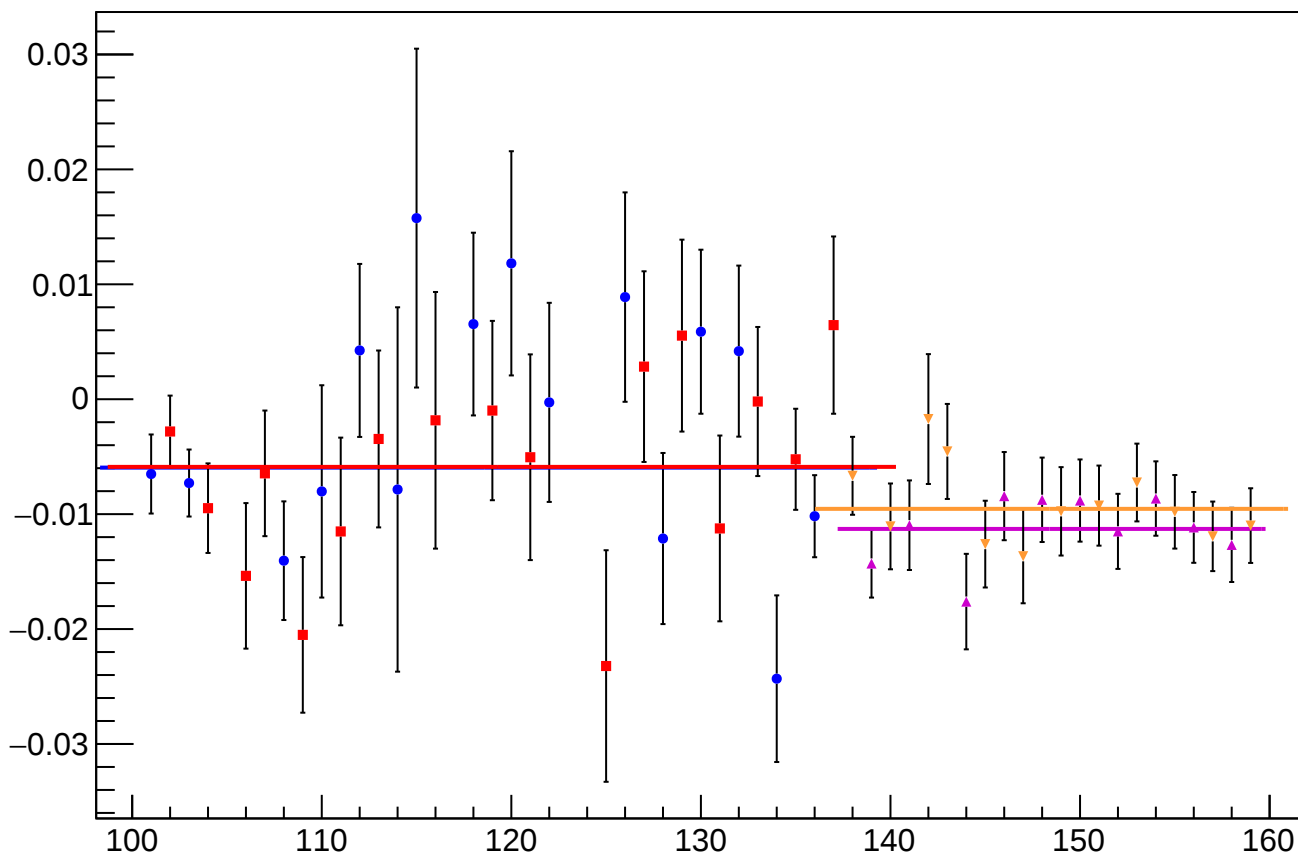
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.035 ± 0.018 χ^2/NDF : 38.1/25

Out: -0.014 ± 0.018 χ^2/NDF : 39.5/28

All: -0.024 ± 0.012 χ^2/NDF : 78.4/54

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: -0.010 ± 0.001 χ^2/NDF : 7.2/11

Right Out: -0.006 ± 0.001 χ^2/NDF : 19.6/16

Left In: -0.011 ± 0.001 χ^2/NDF : 5.7/9

Left: -0.010 ± 0.001 χ^2/NDF : 14.3/21

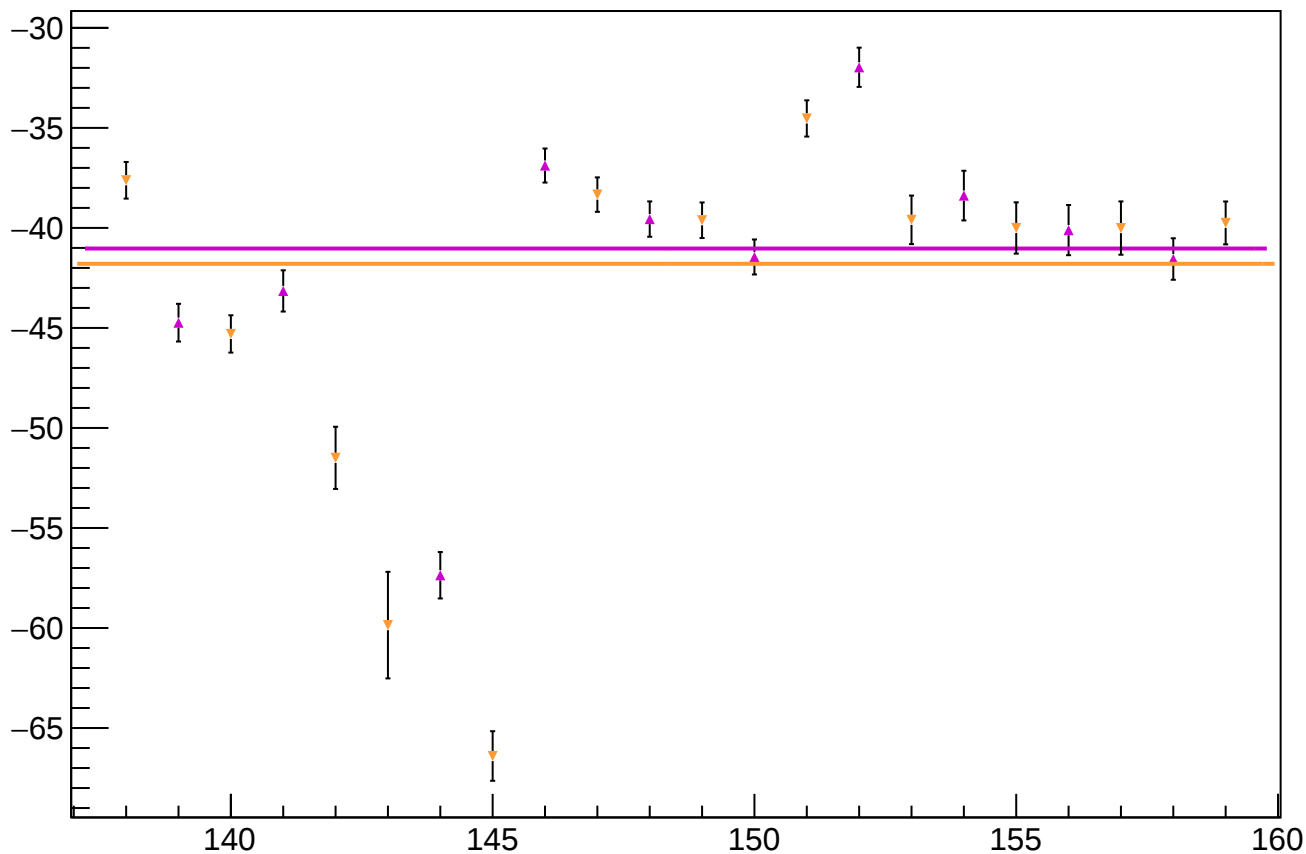
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 43.2/25

Out: -0.008 ± 0.001 χ^2/NDF : 30.9/28

All: -0.009 ± 0.001 χ^2/NDF : 74.9/54

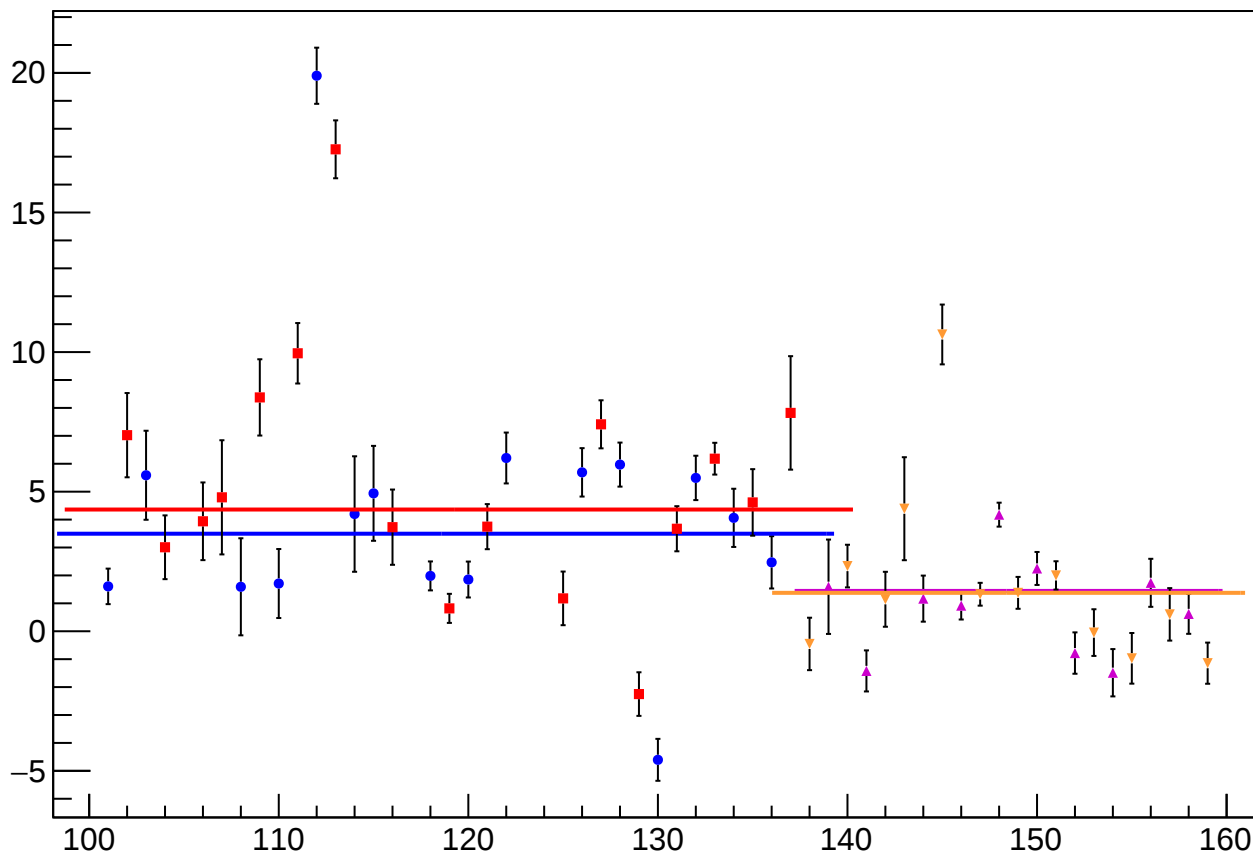
reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -41.030+/-0.316 χ^2/NDF :335.3/9

Left: -41.413+/-0.223 χ^2/NDF : 949.3/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -41.030+/-0.316 χ^2/NDF :335.3/9
 Out: -41.793+/-0.315 χ^2/NDF :611.0/11
 All: -41.413+/-0.223 χ^2/NDF : 949.3/21

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 ± 0.218 $\chi^2/\text{NDF}: 444.9/15$

Left Out: 1.376 ± 0.206 $\chi^2/\text{NDF}: 106.2/11$

Right Out: 4.360 ± 0.225 $\chi^2/\text{NDF}: 351.0/16$

Left In: 1.445 ± 0.211 $\chi^2/\text{NDF}: 81.3/9$

Left: 1.410 ± 0.147 $\chi^2/\text{NDF}: 187.5/21$

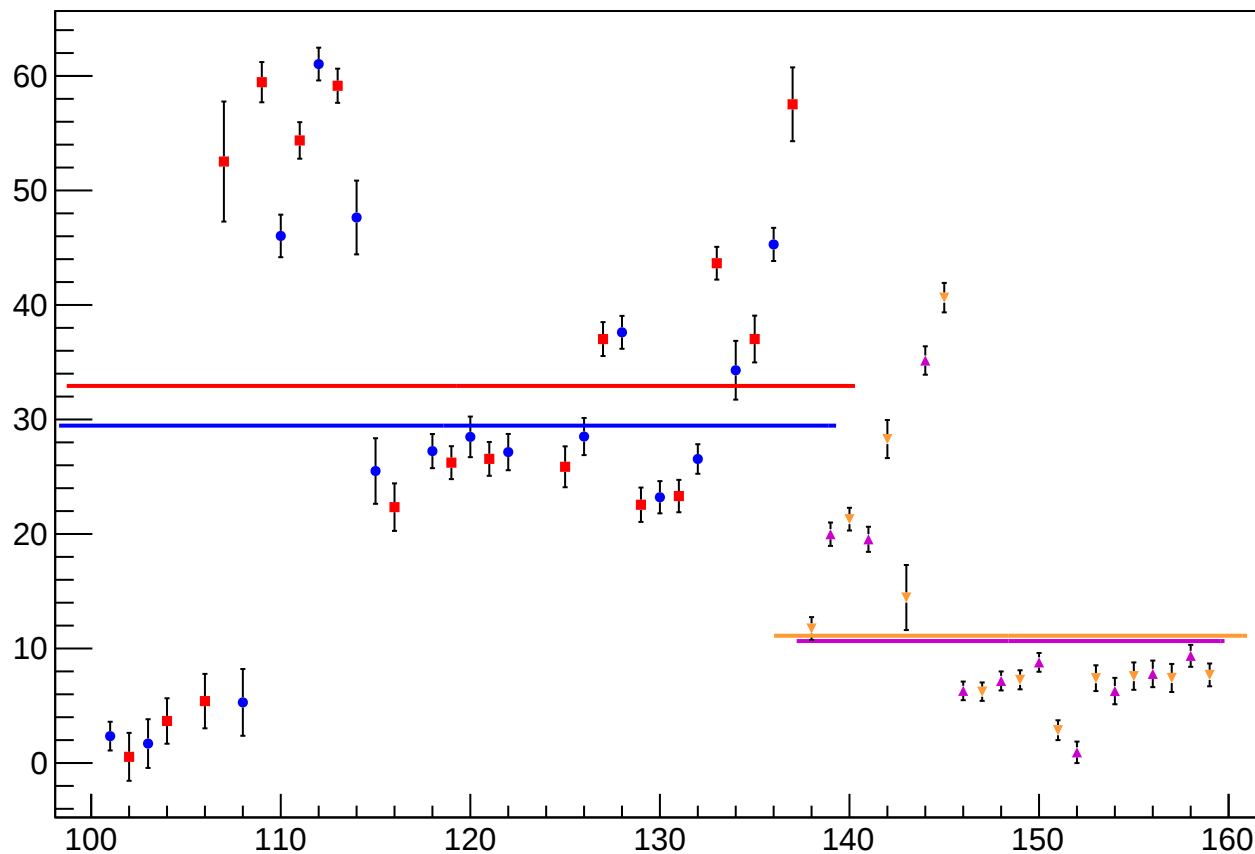
Right: 3.912 ± 0.157 $\chi^2/\text{NDF}: 803.5/32$

In: 2.436 ± 0.151 $\chi^2/\text{NDF}: 571.9/25$

Out: 2.733 ± 0.152 $\chi^2/\text{NDF}: 552.8/28$

All: 2.584 ± 0.107 $\chi^2/\text{NDF}: 1126.6/54$

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: 11.115 $\pm$ 0.307 χ^2 /NDF:929.9/11

Right Out: 32.930 $\pm$ 0.423 χ^2 /NDF: 1624.4/16

Left In: 10.651 $\pm$ 0.307 χ^2 /NDF:719.9/9

Left: 10.883 $\pm$ 0.217 χ^2 /NDF: 1650.9/21

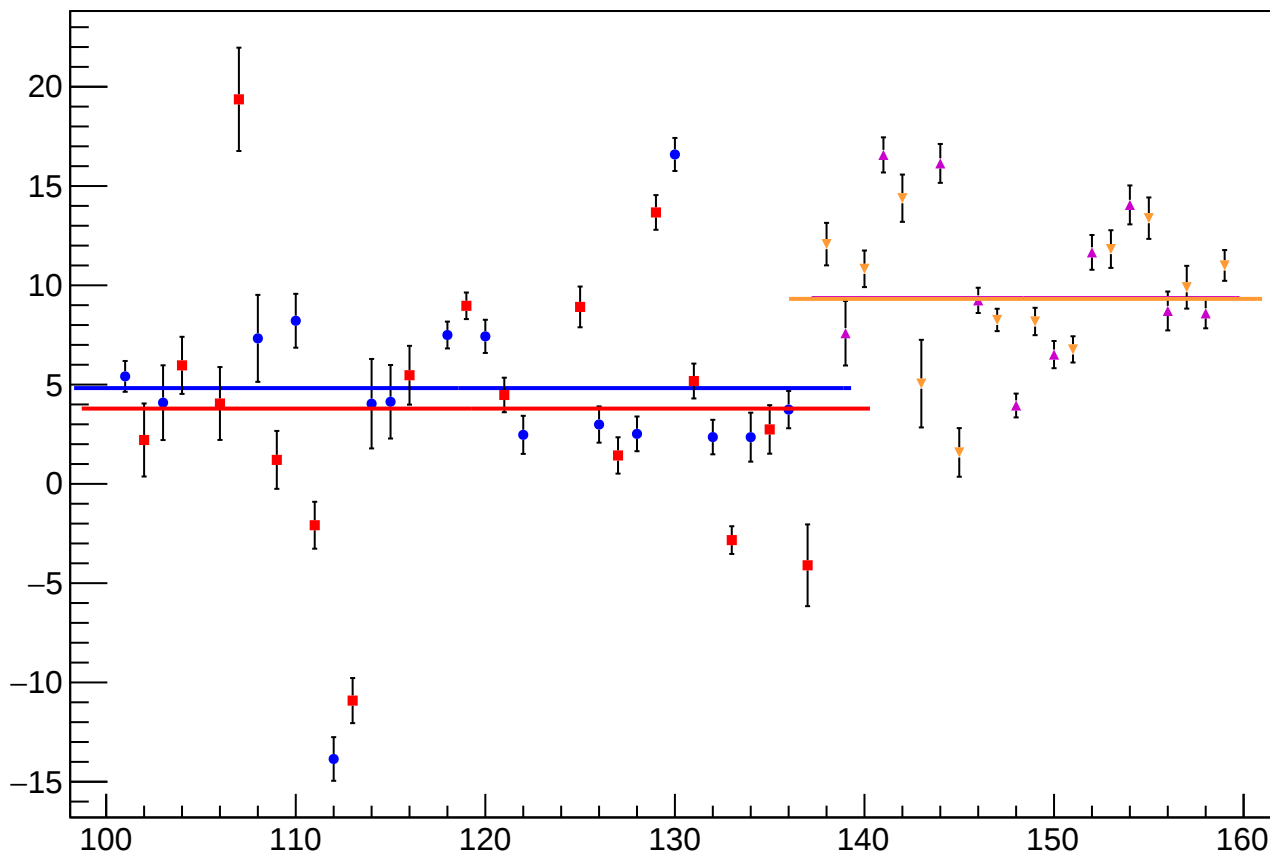
Right: 31.172 $\pm$ 0.297 χ^2 /NDF: 3150.0/32

In: 17.249 $\pm$ 0.247 χ^2 /NDF:3529.5/25

Out: 18.631 $\pm$ 0.249 χ^2 /NDF:4293.5/28

All: 17.936 $\pm$ 0.175 χ^2 /NDF: 7838.6/54

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 ± 0.252 $\chi^2/\text{NDF}: 552.9/15$

Left Out: 9.317 ± 0.252 $\chi^2/\text{NDF}: 119.4/11$

Right Out: 3.792 ± 0.259 $\chi^2/\text{NDF}: 563.6/16$

Left In: 9.362 ± 0.256 $\chi^2/\text{NDF}: 245.6/9$

Left: 9.339 ± 0.180 $\chi^2/\text{NDF}: 365.0/21$

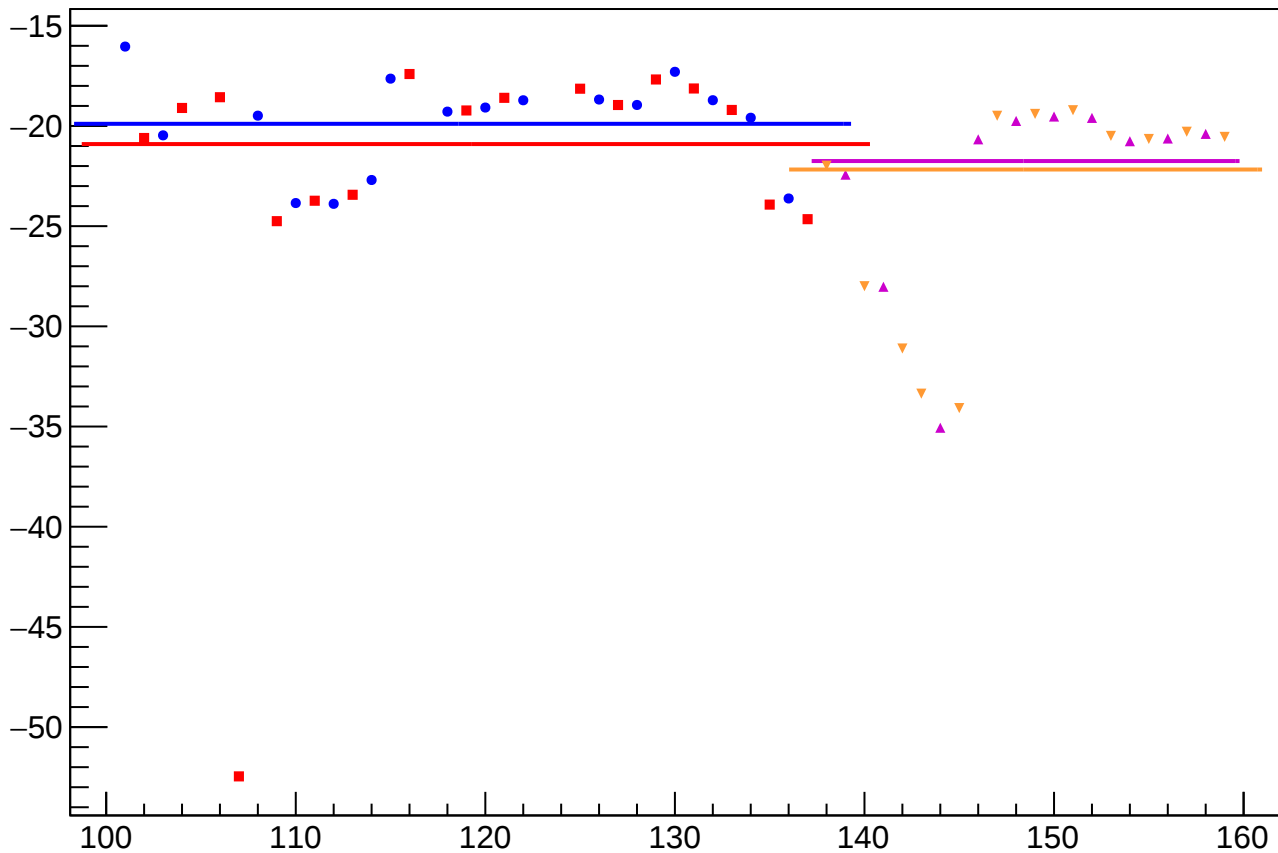
Right: 4.323 ± 0.180 $\chi^2/\text{NDF}: 1124.7/32$

In: 7.053 ± 0.180 $\chi^2/\text{NDF}: 958.2/25$

Out: 6.629 ± 0.181 $\chi^2/\text{NDF}: 916.7/28$

All: 6.842 ± 0.127 $\chi^2/\text{NDF}: 1877.7/54$

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 χ^2/NDF : 26092.3/15

Left Out: -22.173 ± 0.012 χ^2/NDF : 124618.7/11

Right Out: -20.904 ± 0.016 χ^2/NDF : 92802.8/16

Left In: -21.751 ± 0.012 χ^2/NDF : 94533.0/9

Left: -21.959 ± 0.009 χ^2/NDF : 219750.3/21

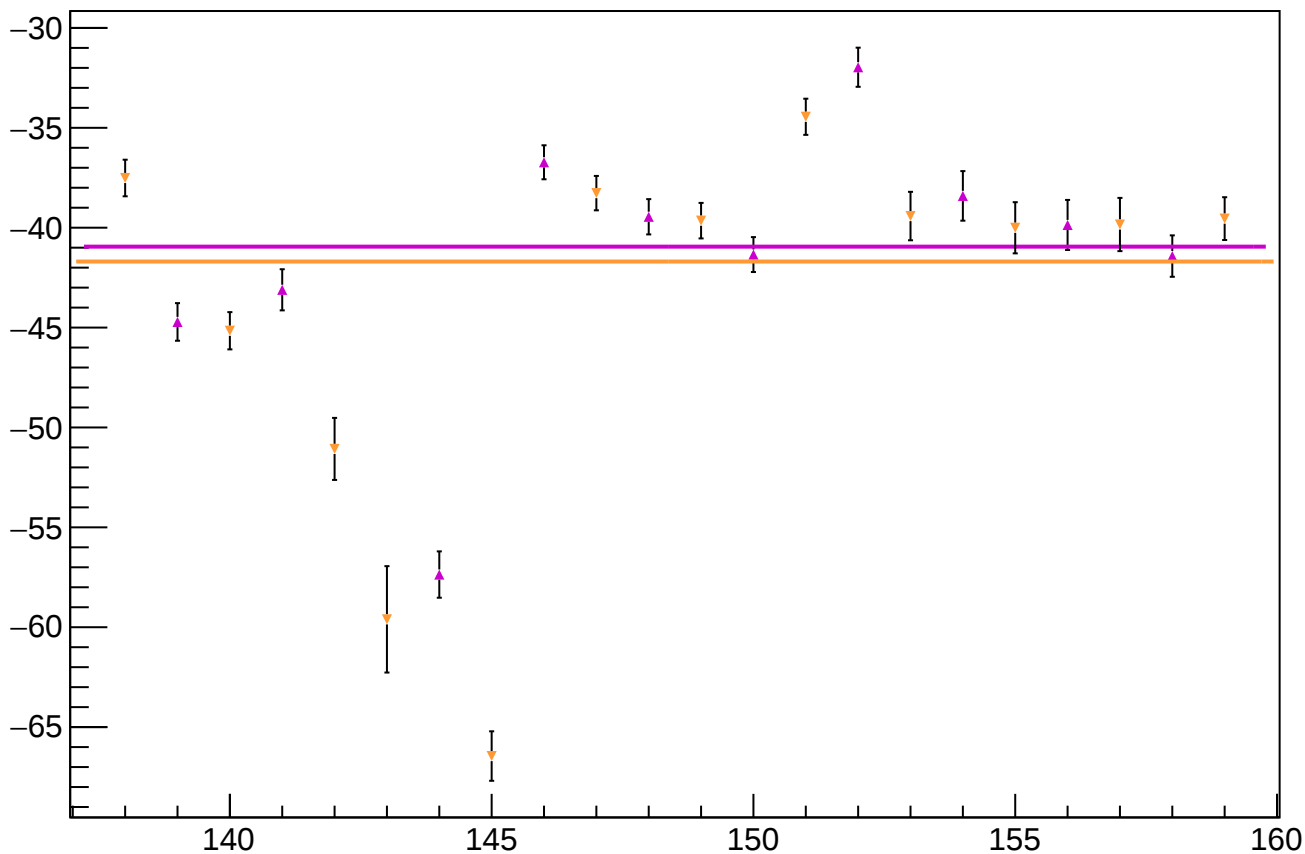
Right: -20.393 ± 0.011 χ^2/NDF : 120979.2/32

In: -21.049 ± 0.010 χ^2/NDF : 129475.6/25

Out: -21.692 ± 0.010 χ^2/NDF : 221463.3/28

All: -21.367 ± 0.007 χ^2/NDF : 353166.1/54

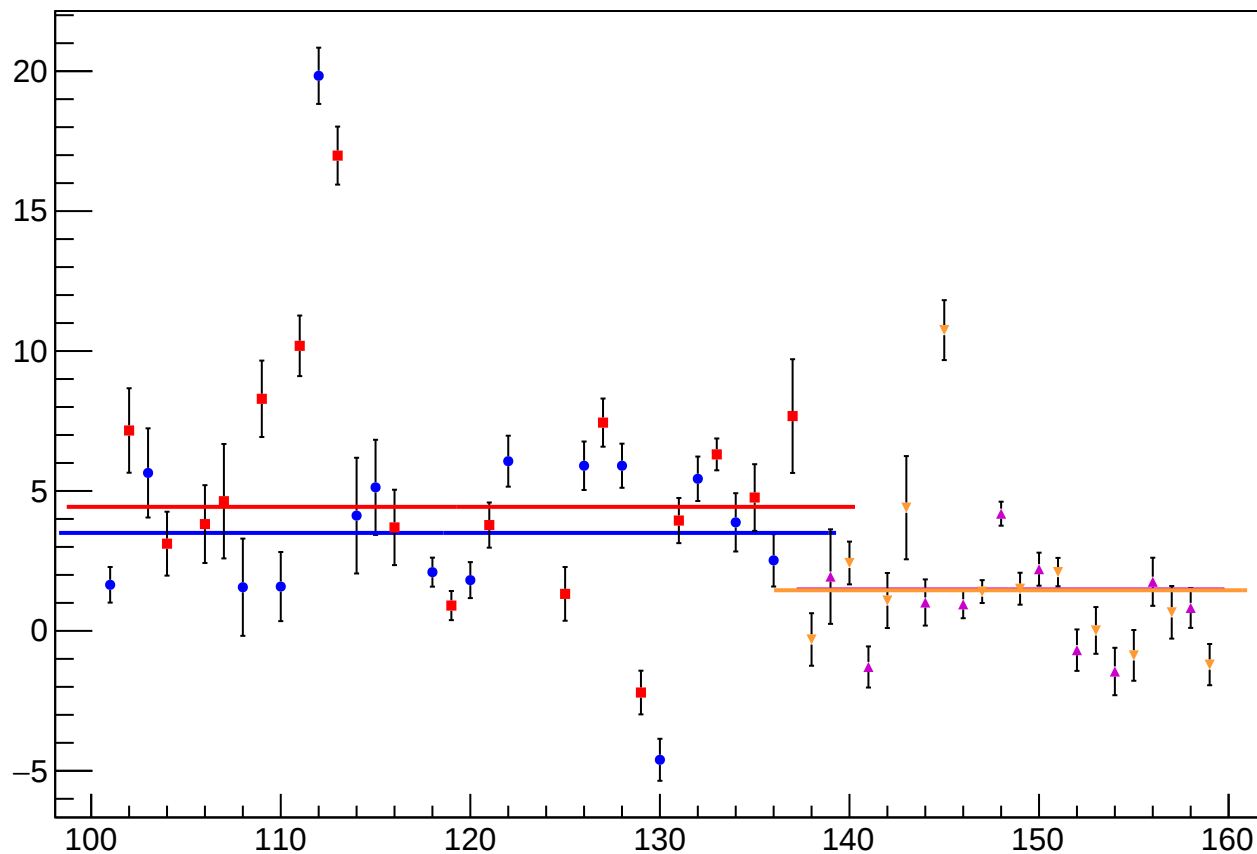
reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.694+/-0.315 χ^2/NDF : 612.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -40.948+/-0.316 χ^2/NDF : 337.6/9

Left: -41.322+/-0.223 χ^2/NDF : 952.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -40.948+/-0.316 χ^2/NDF : 337.6/9
 Out: -41.694+/-0.315 χ^2/NDF : 612.2/11
 All: -41.322+/-0.223 χ^2/NDF : 952.6/21

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 χ^2/NDF : 441.9/15

Left Out: 1.452 ± 0.206 χ^2/NDF : 108.1/11

Right Out: 4.432 ± 0.225 χ^2/NDF : 343.6/16

Left In: 1.481 ± 0.210 χ^2/NDF : 78.6/9

Left: 1.466 ± 0.147 χ^2/NDF : 186.8/21

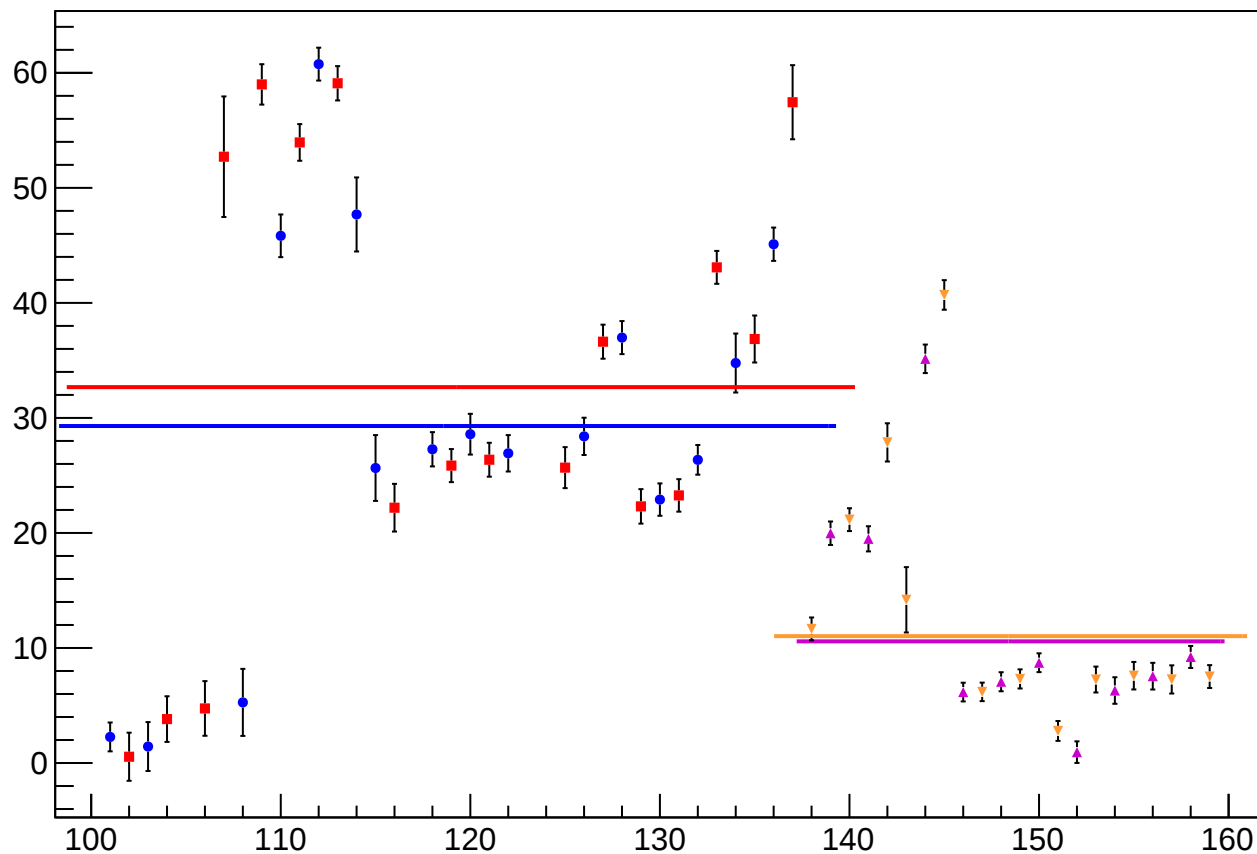
Right: 3.951 ± 0.156 χ^2/NDF : 794.3/32

In: 2.458 ± 0.151 χ^2/NDF : 565.1/25

Out: 2.808 ± 0.152 χ^2/NDF : 547.2/28

All: 2.632 ± 0.107 χ^2/NDF : 1114.9/54

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: 11.030 $\pm$ 0.307 χ^2 /NDF: 929.5/11

Right Out: 32.679 $\pm$ 0.423 χ^2 /NDF: 1614.8/16

Left In: 10.576 $\pm$ 0.307 χ^2 /NDF: 723.8/9

Left: 10.803 $\pm$ 0.217 χ^2 /NDF: 1654.4/21

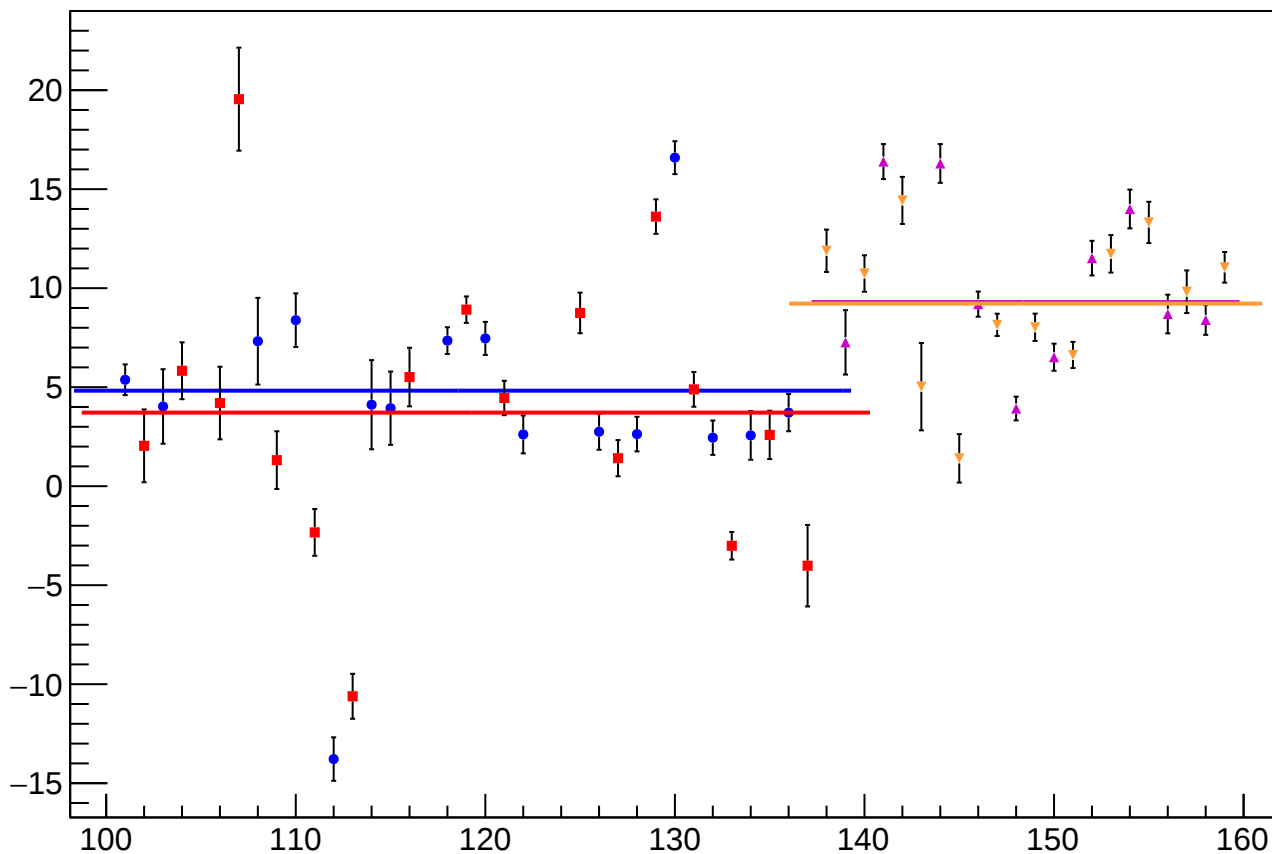
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 17.142 $\pm$ 0.247 χ^2 /NDF: 3516.1/25

Out: 18.490 $\pm$ 0.248 χ^2 /NDF: 4259.3/28

All: 17.813 $\pm$ 0.175 χ^2 /NDF: 7790.3/54

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: 9.222 ± 0.252 χ^2/NDF : 123.0/11

Right Out: 3.716 ± 0.259 χ^2/NDF : 559.9/16

Left In: 9.299 ± 0.256 χ^2/NDF : 245.5/9

Left: 9.260 ± 0.180 χ^2/NDF : 368.6/21

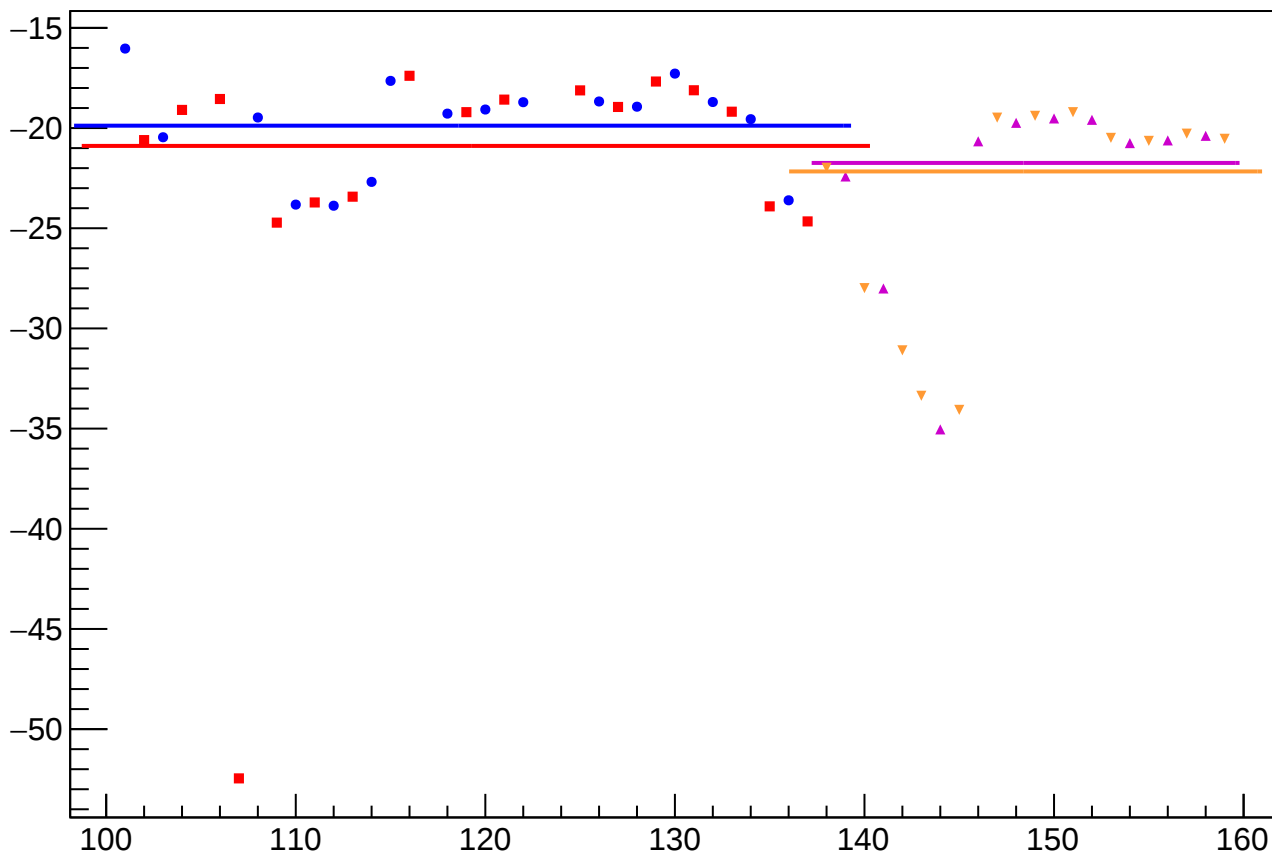
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.022 ± 0.179 χ^2/NDF : 950.2/25

Out: 6.542 ± 0.181 χ^2/NDF : 915.3/28

All: 6.783 ± 0.127 χ^2/NDF : 1869.0/54

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.880 $\pm$ 0.016 χ^2 /NDF: 26082.0/15

Left Out: -22.164 $\pm$ 0.012 χ^2 /NDF:124716.7/11

Right Out: -20.891 $\pm$ 0.016 χ^2 /NDF: 92913.6/16

Left In: -21.740 $\pm$ 0.012 χ^2 /NDF:94478.5/9

Left: -21.949 $\pm$ 0.009 χ^2 /NDF: 219801.0/21

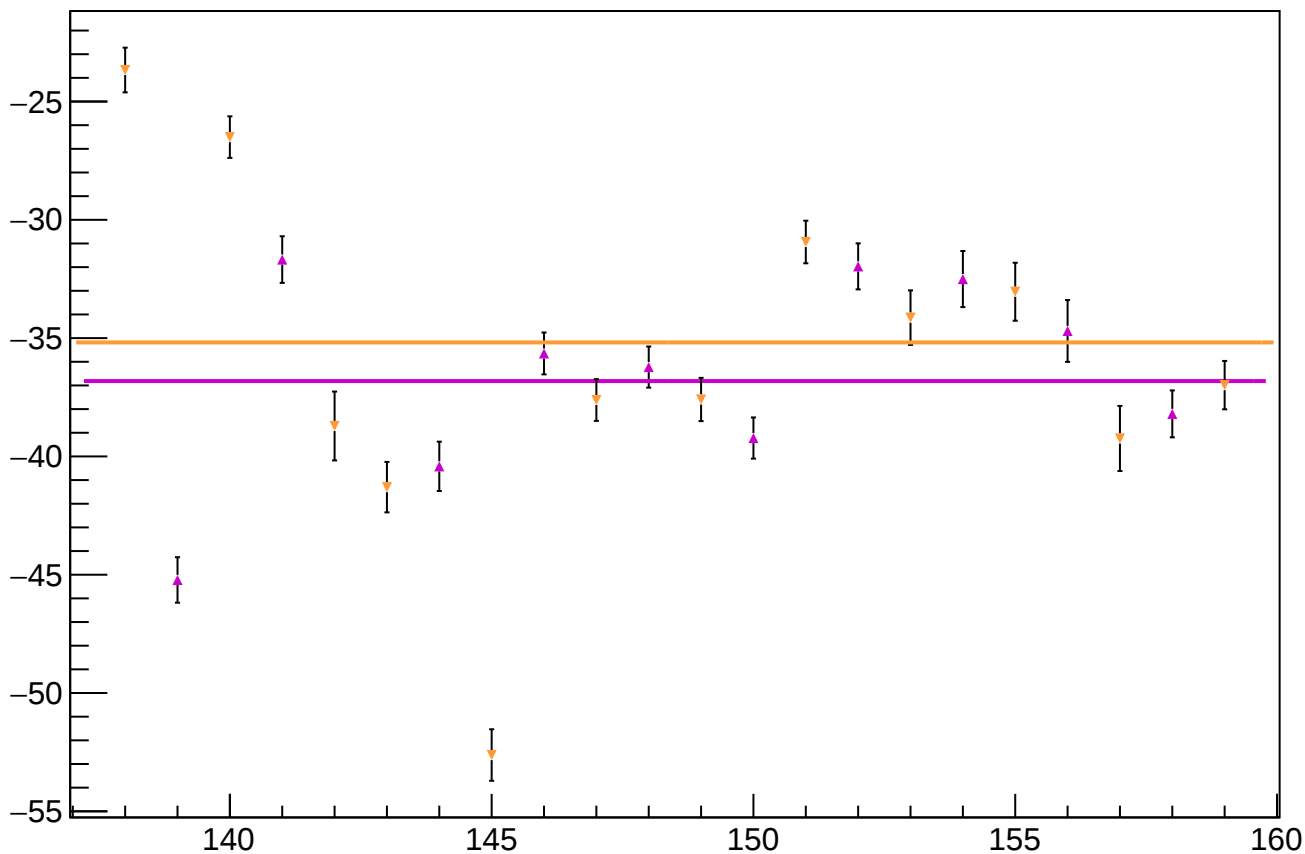
Right: -20.381 $\pm$ 0.011 χ^2 /NDF: 121077.9/32

In: -21.038 $\pm$ 0.010 χ^2 /NDF:129432.7/25

Out: -21.682 $\pm$ 0.010 χ^2 /NDF:221705.7/28

All: -21.356 $\pm$ 0.007 χ^2 /NDF: 353375.3/54

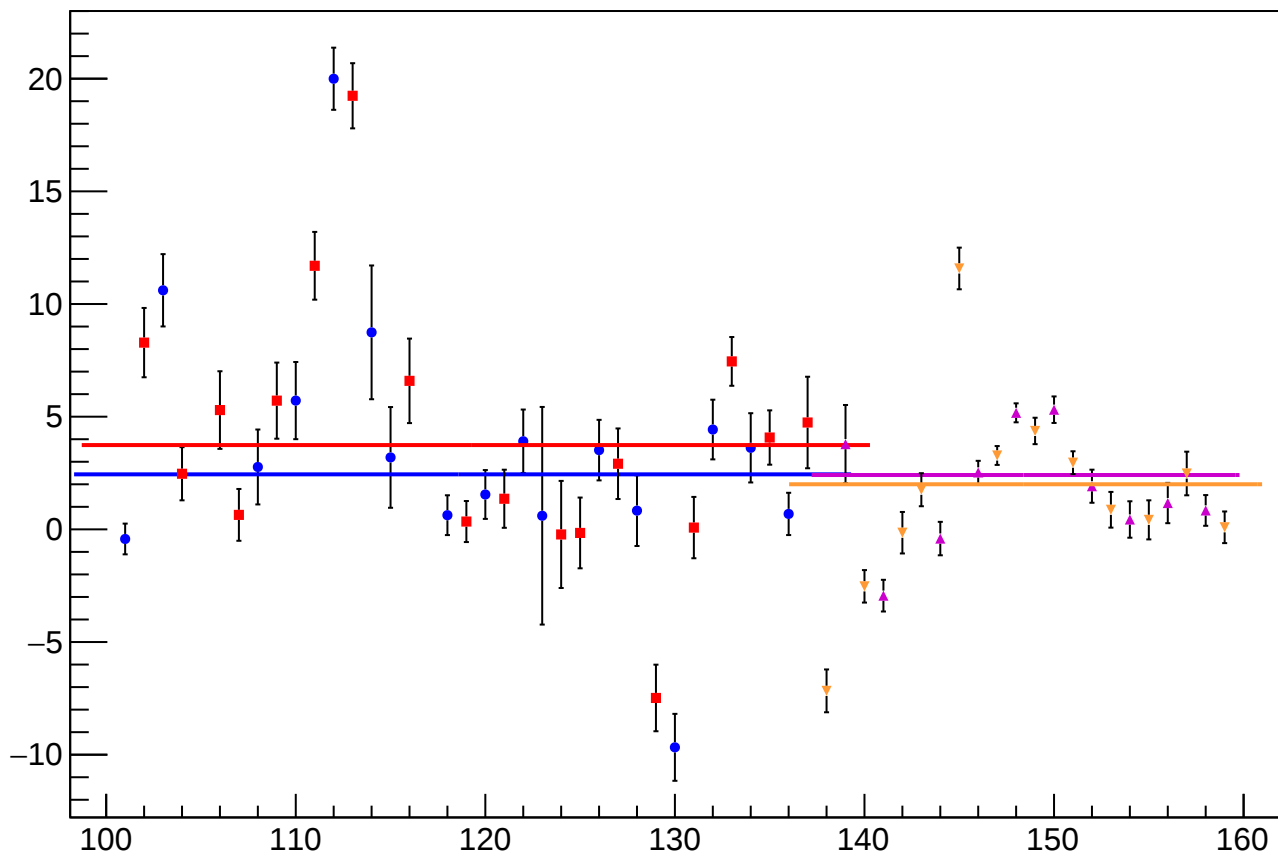
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.183+/-0.298 χ^2/NDF :593.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.815+/-0.311 χ^2/NDF :168.0/9

Left: -35.965+/-0.215 χ^2/NDF : 776.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.815+/-0.311 χ^2/NDF :168.0/9
 Out: -35.183+/-0.298 χ^2/NDF :593.9/11
 All: -35.965+/-0.215 χ^2/NDF : 776.2/21

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 ± 0.311 χ^2/NDF : 294.7/16

Left Out: 2.001 ± 0.197 χ^2/NDF : 287.7/11

Right Out: 3.741 ± 0.327 χ^2/NDF : 268.1/17

Left In: 2.412 ± 0.207 χ^2/NDF : 154.0/9

Left: 2.196 ± 0.143 χ^2/NDF : 443.7/21

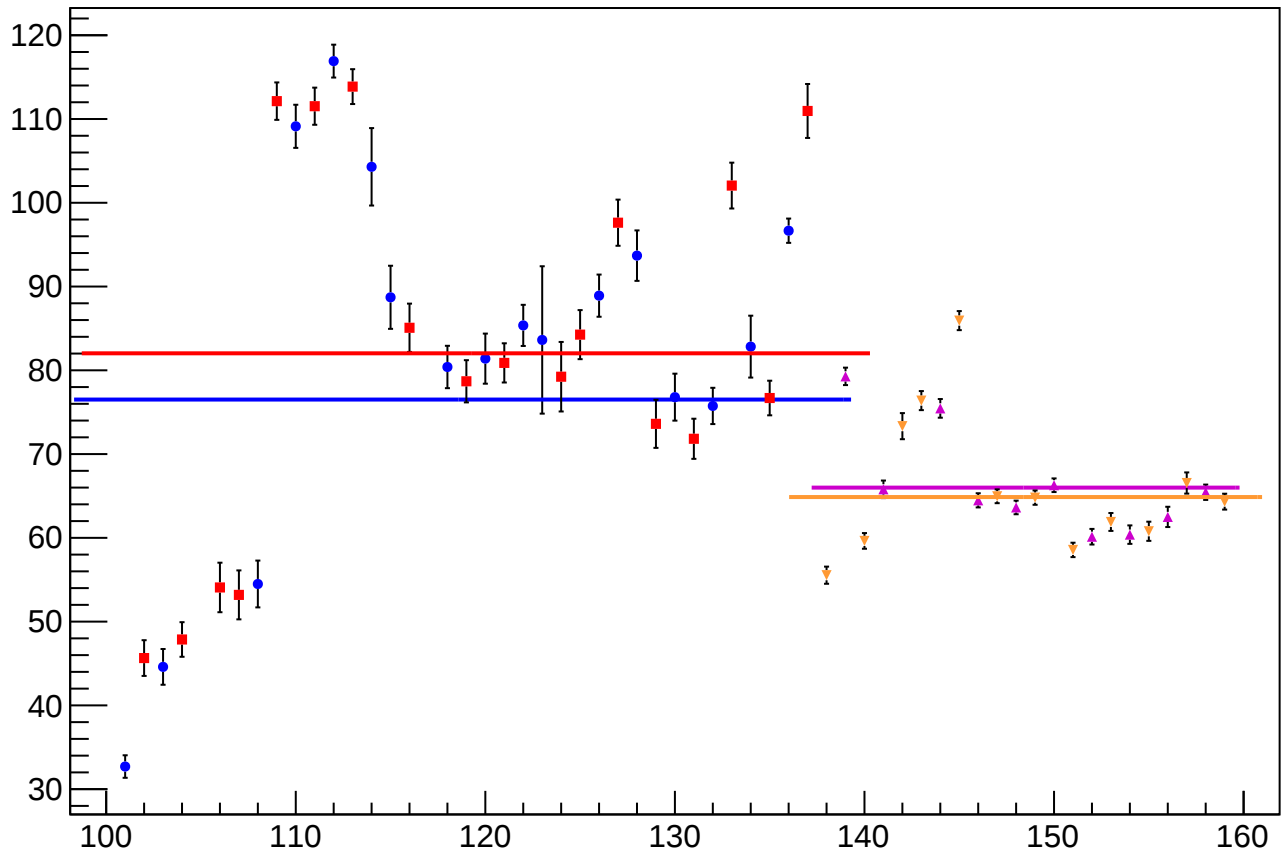
Right: 3.060 ± 0.225 χ^2/NDF : 571.1/34

In: 2.421 ± 0.173 χ^2/NDF : 448.7/26

Out: 2.465 ± 0.169 χ^2/NDF : 576.6/29

All: 2.443 ± 0.121 χ^2/NDF : 1025.3/56

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: 64.870 $\pm$ 0.293 χ^2 /NDF: 665.9/11

Right Out: 82.029 $\pm$ 0.593 χ^2 /NDF: 1548.0/17

Left In: 65.996 $\pm$ 0.303 χ^2 /NDF: 320.7/9

Left: 65.415 $\pm$ 0.211 χ^2 /NDF: 993.7/21

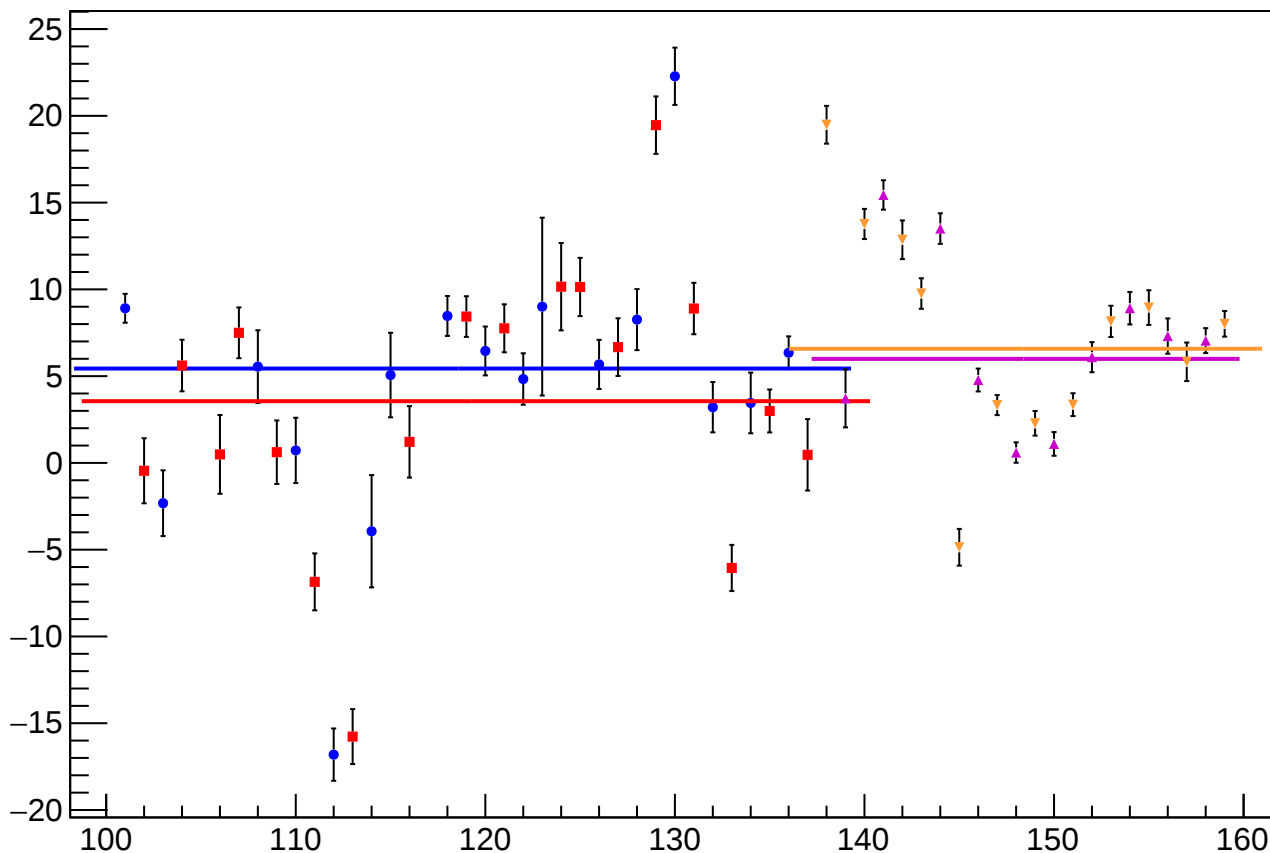
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 68.284 $\pm$ 0.268 χ^2 /NDF: 2833.9/26

Out: 68.246 $\pm$ 0.263 χ^2 /NDF: 2887.3/29

All: 68.265 $\pm$ 0.188 χ^2 /NDF: 5721.2/56

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: 6.578 ± 0.240 $\chi^2/\text{NDF}: 476.2/11$

Right Out: 3.557 ± 0.375 $\chi^2/\text{NDF}: 420.6/17$

Left In: 5.994 ± 0.252 $\chi^2/\text{NDF}: 351.8/9$

Left: 6.300 ± 0.174 $\chi^2/\text{NDF}: 830.8/21$

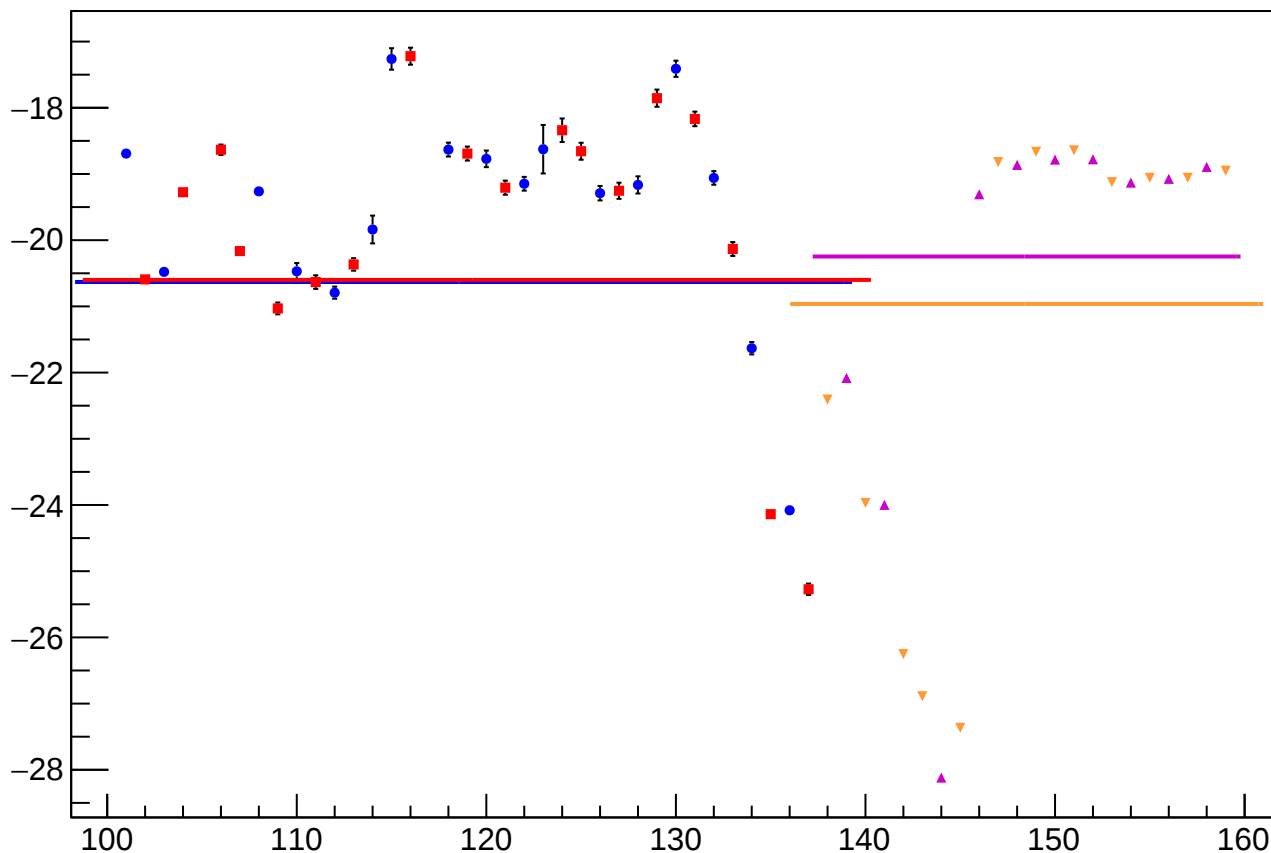
Right: 4.542 ± 0.259 $\chi^2/\text{NDF}: 819.9/34$

In: 5.810 ± 0.206 $\chi^2/\text{NDF}: 739.6/26$

Out: 5.700 ± 0.202 $\chi^2/\text{NDF}: 942.8/29$

All: 5.754 ± 0.144 $\chi^2/\text{NDF}: 1682.5/56$

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 ± 0.019 $\chi^2/\text{NDF}: 12501.6/16$

Left Out: -20.963 ± 0.012 $\chi^2/\text{NDF}: 71774.6/11$

Right Out: -20.600 ± 0.019 $\chi^2/\text{NDF}: 11973.7/17$

Left In: -20.247 ± 0.012 $\chi^2/\text{NDF}: 45250.5/9$

Left: -20.613 ± 0.008 $\chi^2/\text{NDF}: 118853.4/21$

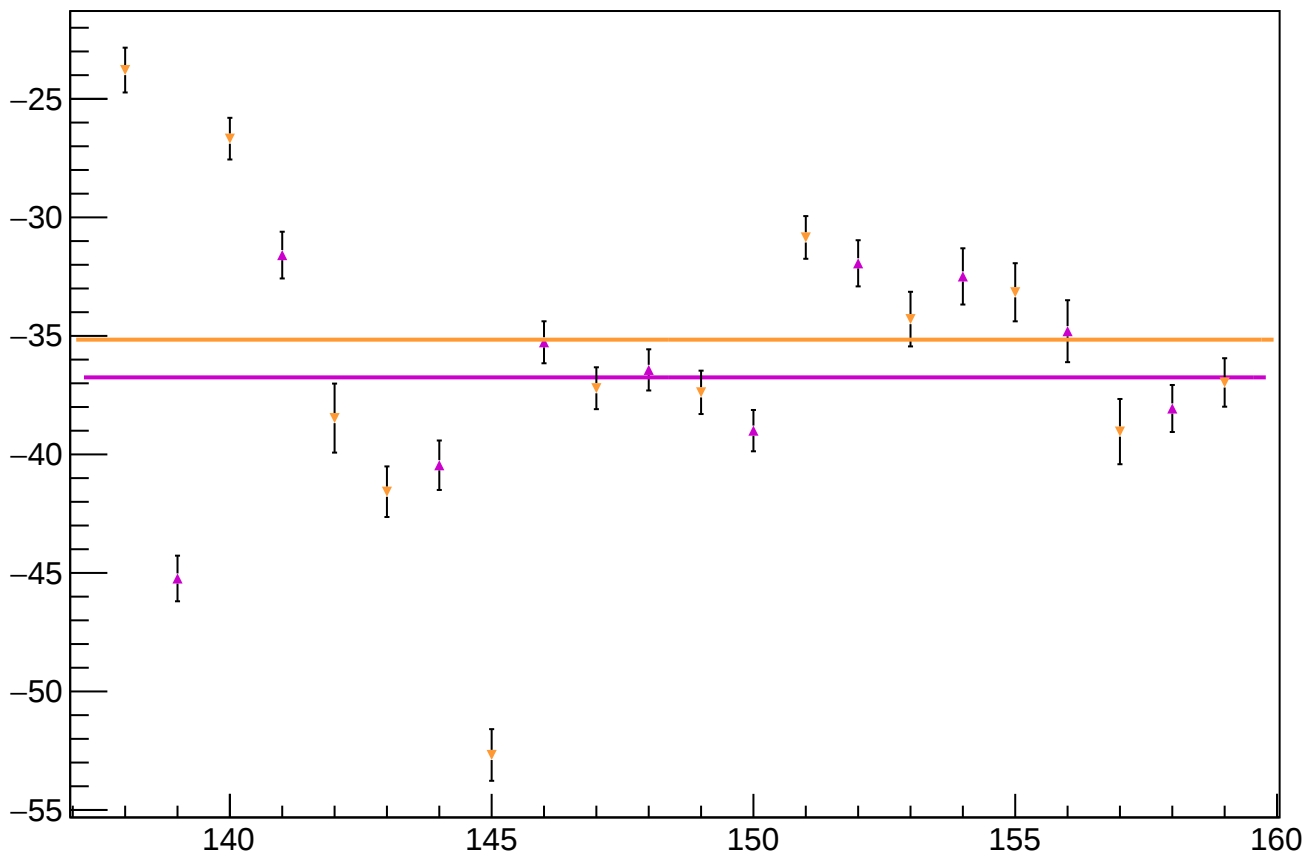
Right: -20.616 ± 0.014 $\chi^2/\text{NDF}: 24476.6/34$

In: -20.354 ± 0.010 $\chi^2/\text{NDF}: 58039.1/26$

Out: -20.867 ± 0.010 $\chi^2/\text{NDF}: 84004.0/29$

All: -20.614 ± 0.007 $\chi^2/\text{NDF}: 143330.1/56$

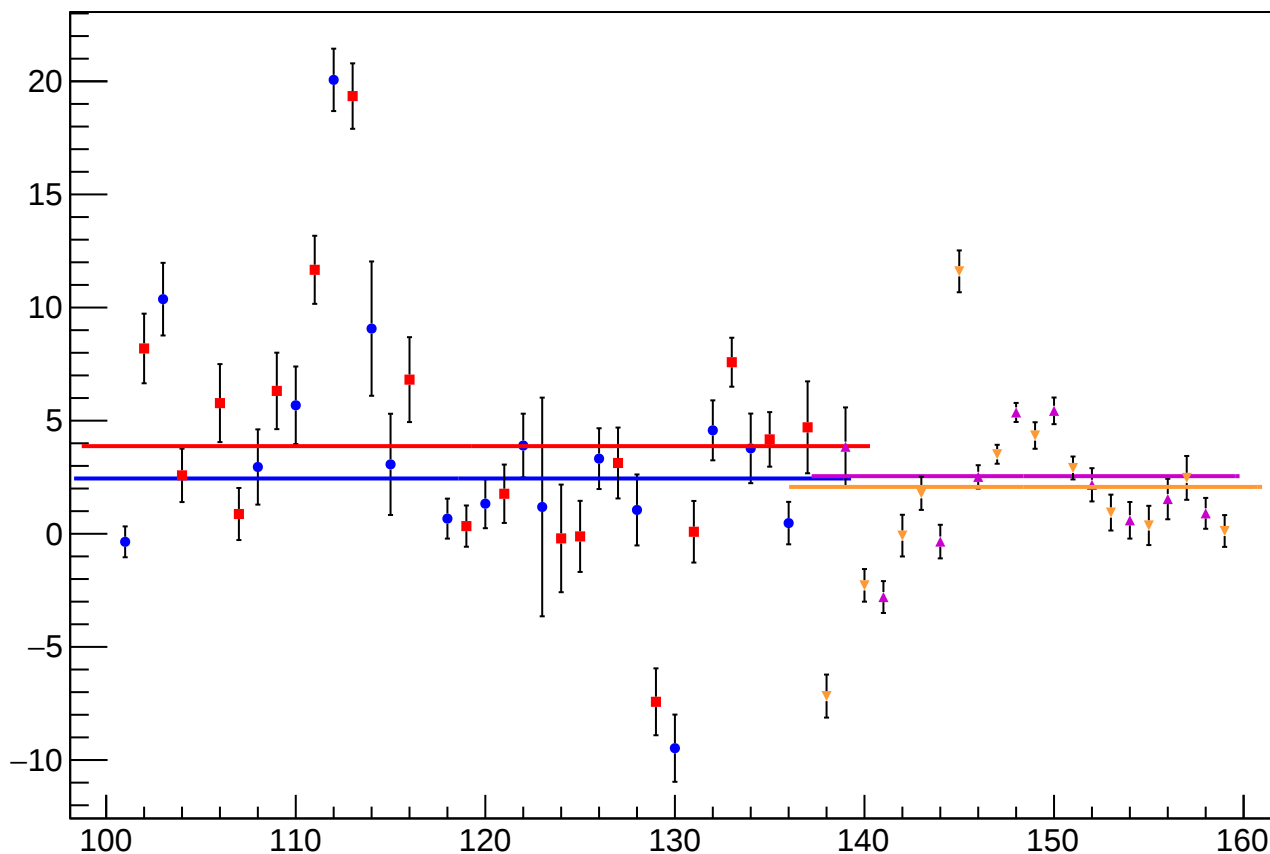
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.158+/-0.299 χ^2/NDF :586.2/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -36.750+/-0.311 χ^2/NDF :168.6/9

Left: -35.921+/-0.216 χ^2/NDF : 768.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.750+/-0.311 χ^2/NDF :168.6/9
 Out: -35.158+/-0.299 χ^2/NDF :586.2/11
 All: -35.921+/-0.216 χ^2/NDF : 768.4/21

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.444 ± 0.312 χ^2/NDF : 292.7/16

Left Out: 2.072 ± 0.197 χ^2/NDF : 286.1/11

Right Out: 3.874 ± 0.327 χ^2/NDF : 268.3/17

Left In: 2.547 ± 0.208 χ^2/NDF : 155.3/9

Left: 2.297 ± 0.143 χ^2/NDF : 444.1/21

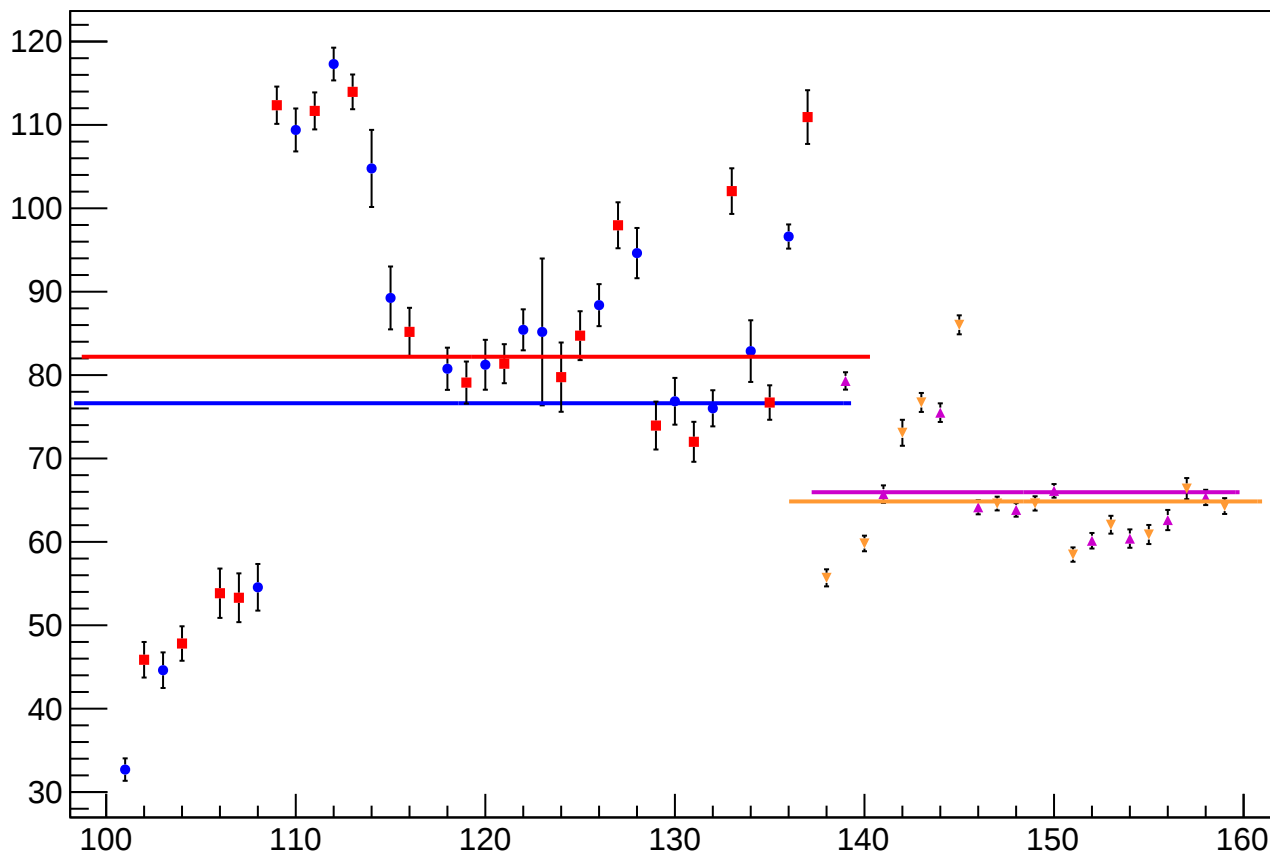
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.515 ± 0.173 χ^2/NDF : 448.0/26

Out: 2.552 ± 0.169 χ^2/NDF : 576.7/29

All: 2.534 ± 0.121 χ^2/NDF : 1024.7/56

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: 64.849 $\pm$ 0.293 χ^2 /NDF: 667.7/11

Right Out: 82.201 $\pm$ 0.593 χ^2 /NDF: 1550.2/17

Left In: 65.955 $\pm$ 0.303 χ^2 /NDF: 321.0/9

Left: 65.384 $\pm$ 0.211 χ^2 /NDF: 995.6/21

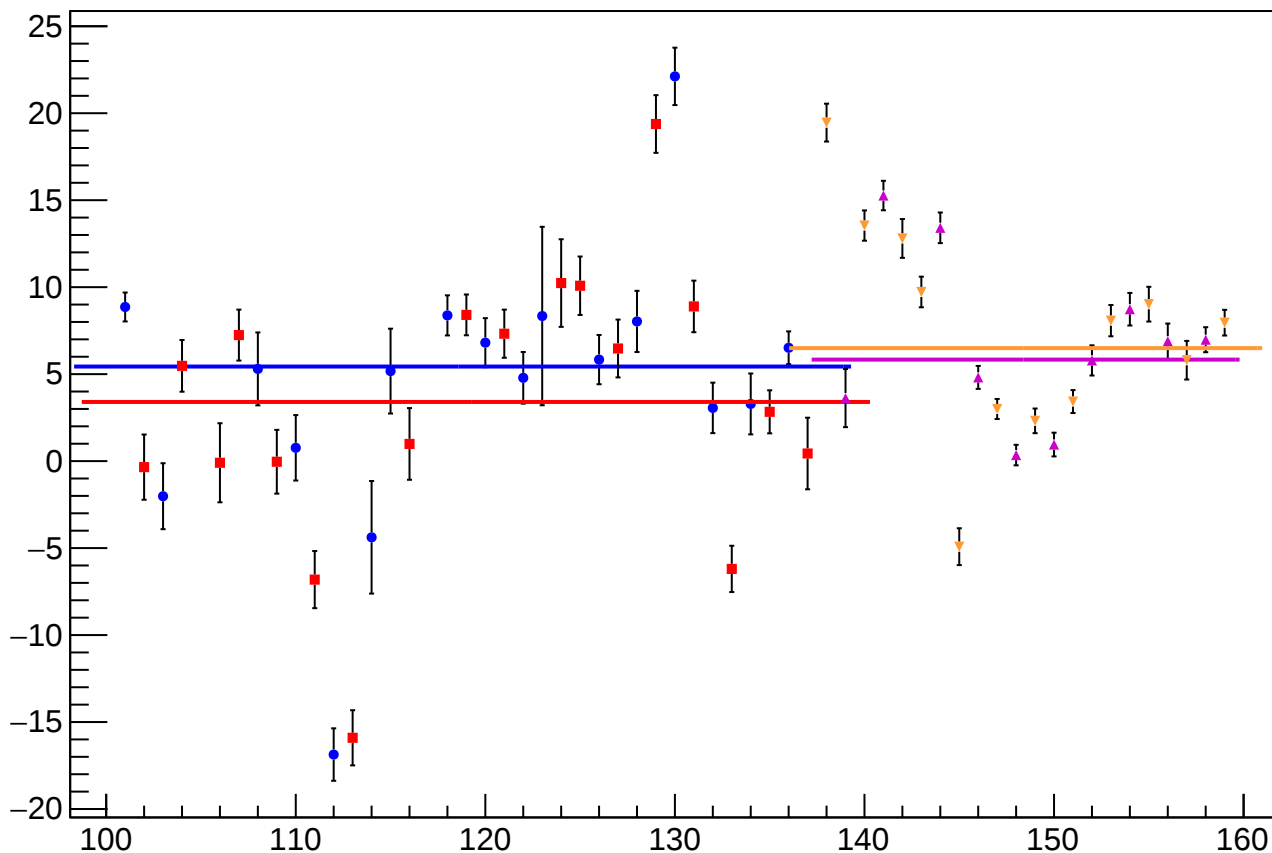
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.278 $\pm$ 0.268 χ^2 /NDF: 2853.7/26

Out: 68.263 $\pm$ 0.263 χ^2 /NDF: 2905.8/29

All: 68.270 $\pm$ 0.188 χ^2 /NDF: 5759.5/56

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.437 ± 0.358 $\chi^2/\text{NDF}: 384.5/16$

Left Out: 6.496 ± 0.240 $\chi^2/\text{NDF}: 476.2/11$

Right Out: 3.401 ± 0.375 $\chi^2/\text{NDF}: 420.9/17$

Left In: 5.835 ± 0.252 $\chi^2/\text{NDF}: 353.4/9$

Left: 6.182 ± 0.174 $\chi^2/\text{NDF}: 833.1/21$

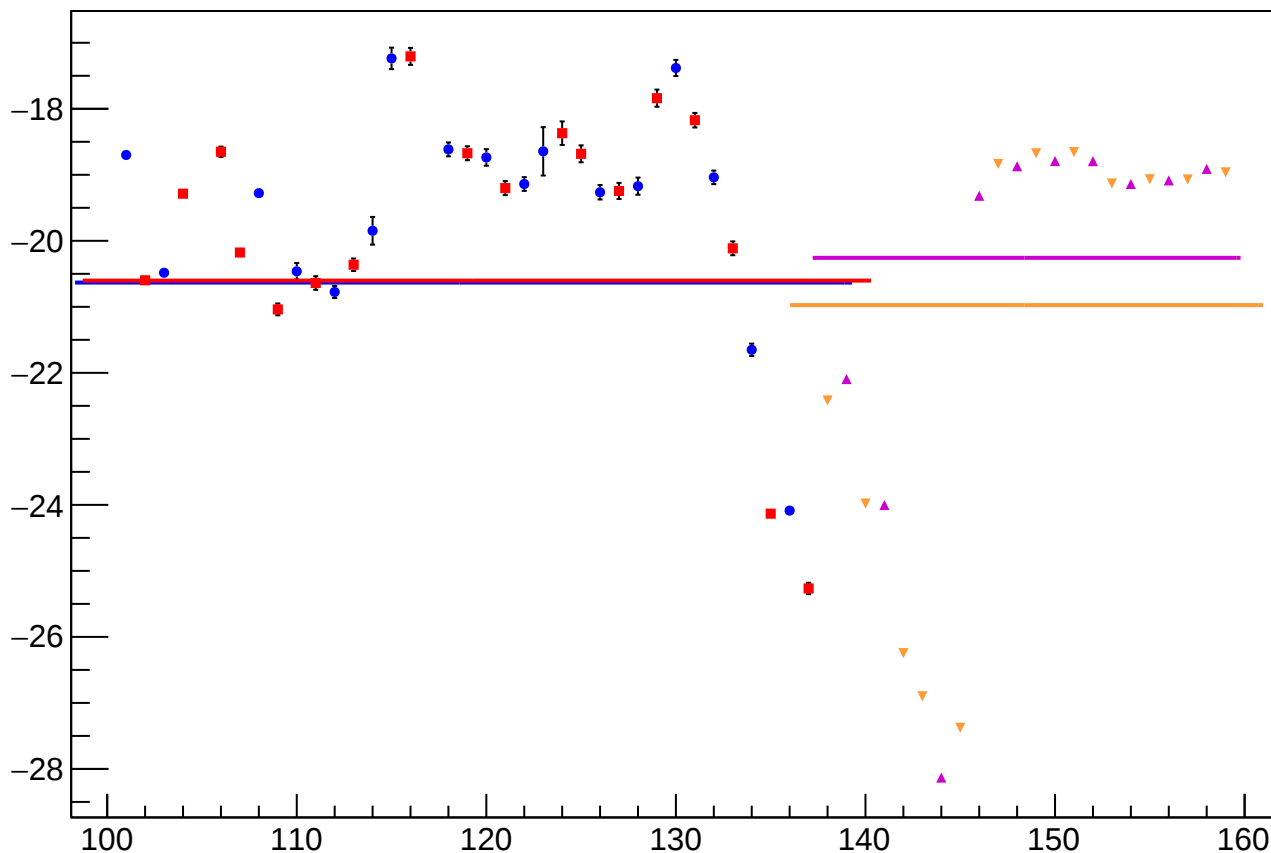
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 5.703 ± 0.206 $\chi^2/\text{NDF}: 738.7/26$

Out: 5.597 ± 0.202 $\chi^2/\text{NDF}: 945.3/29$

All: 5.649 ± 0.144 $\chi^2/\text{NDF}: 1684.1/56$

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.632 ± 0.019 $\chi^2/\text{NDF}: 12543.2/16$

Left Out: -20.974 ± 0.012 $\chi^2/\text{NDF}: 71618.0/11$

Right Out: -20.603 ± 0.019 $\chi^2/\text{NDF}: 11925.8/17$

Left In: -20.258 ± 0.012 $\chi^2/\text{NDF}: 45181.2/9$

Left: -20.624 ± 0.008 $\chi^2/\text{NDF}: 118623.2/21$

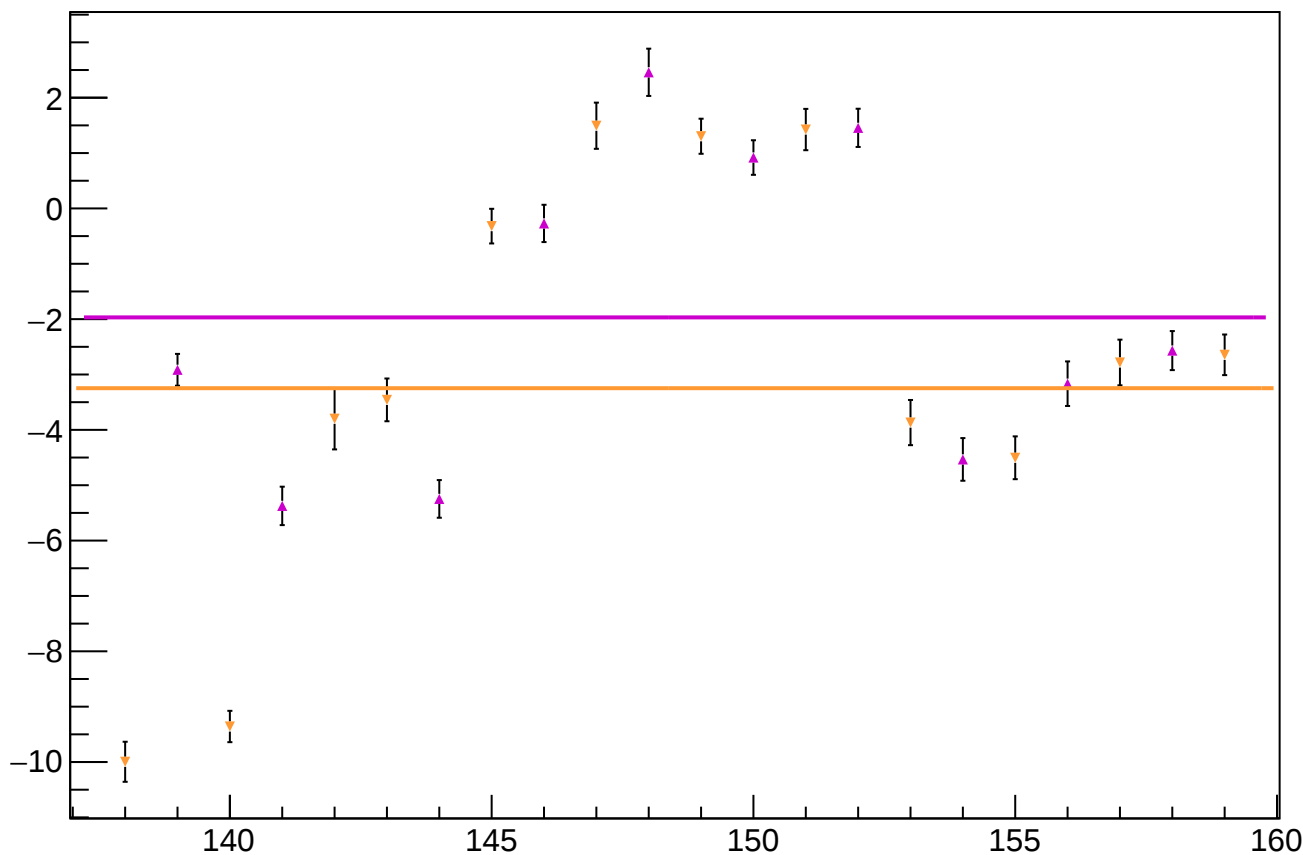
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.362 ± 0.010 $\chi^2/\text{NDF}: 57996.1/26$

Out: -20.875 ± 0.010 $\chi^2/\text{NDF}: 83810.4/29$

All: -20.622 ± 0.007 $\chi^2/\text{NDF}: 143093.5/56$

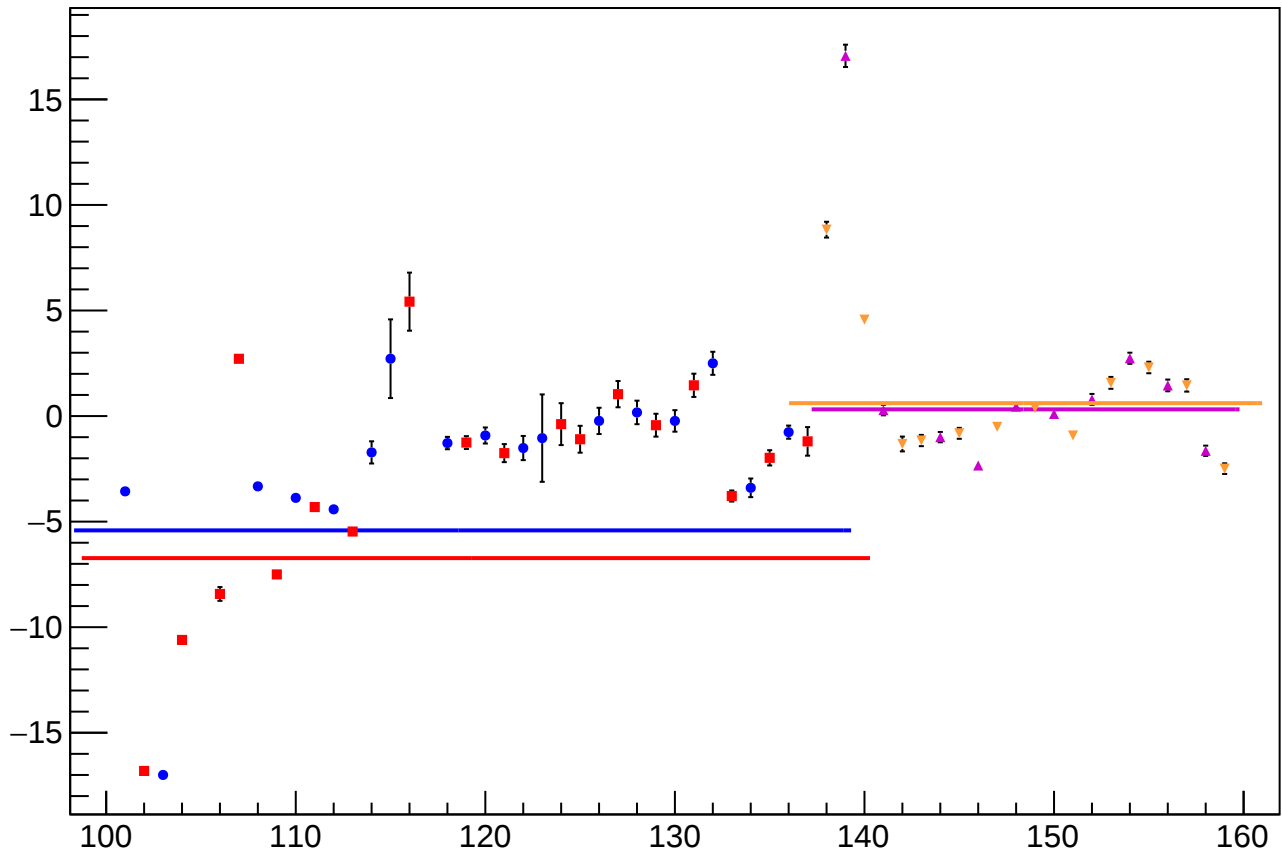
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



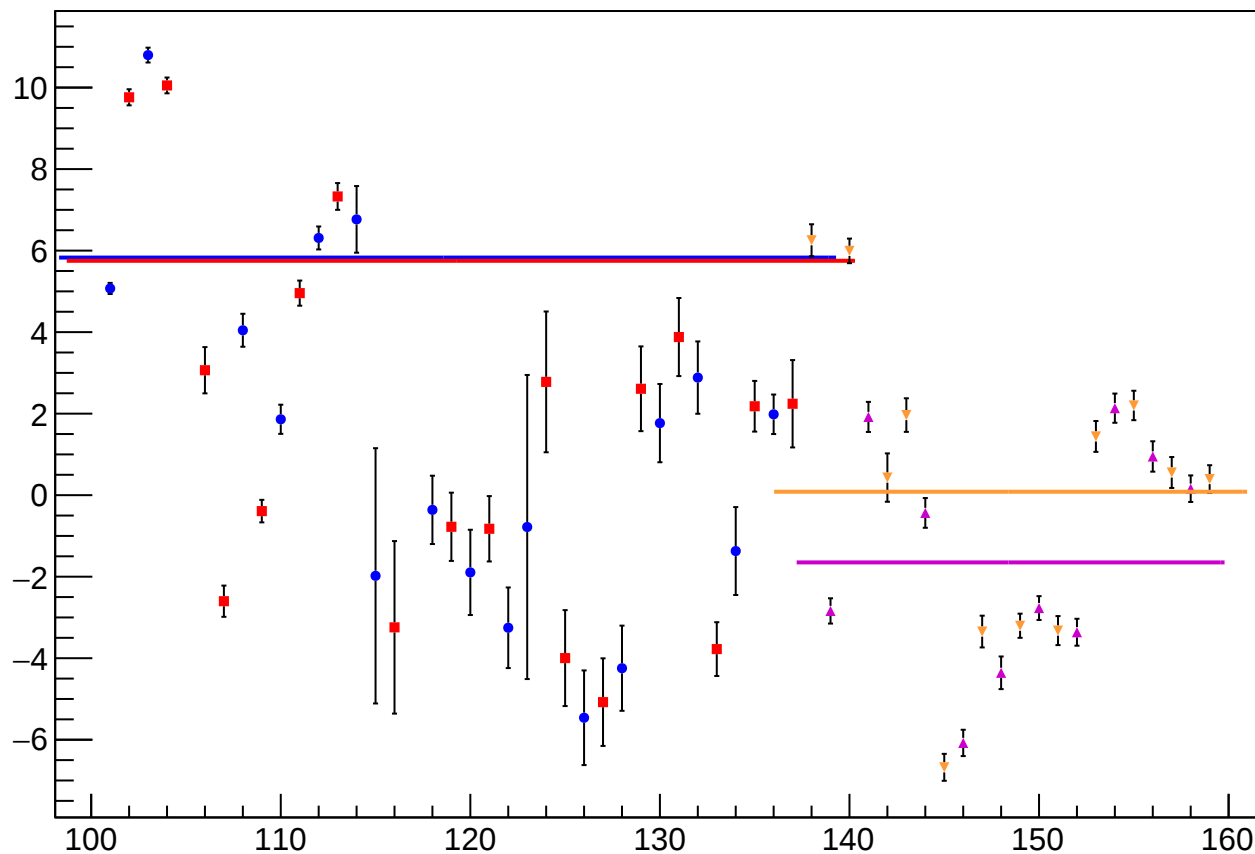
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.247+/-0.106 χ^2/NDF :1412.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.968+/-0.110 χ^2/NDF :572.9/9

Left: -2.631+/-0.076 χ^2/NDF : 2055.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.968+/-0.110 χ^2/NDF :572.9/9
 Out: -3.247+/-0.106 χ^2/NDF :1412.4/11
 All: -2.631+/-0.076 χ^2/NDF : 2055.6/21

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 $\pm$ 0.090 χ^2 /NDF: 1448.3/16

Left Out: 0.084 $\pm$ 0.105 χ^2 /NDF:1412.8/11

Right Out: 5.750 $\pm$ 0.096 χ^2 /NDF: 2511.0/17

Left In: -1.650 $\pm$ 0.108 χ^2 /NDF:586.0/9

Left: -0.758 $\pm$ 0.075 χ^2 /NDF: 2132.4/21

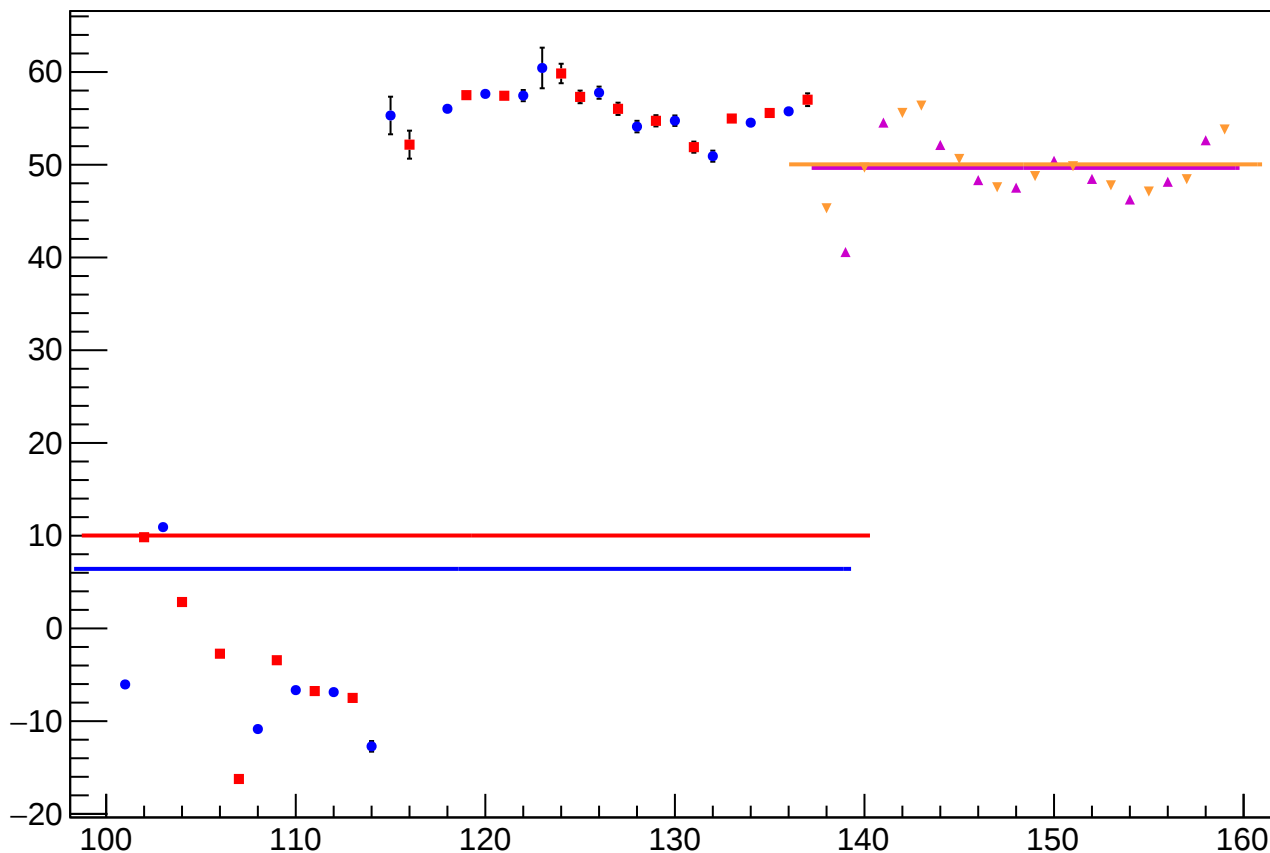
Right: 5.792 $\pm$ 0.066 χ^2 /NDF: 3959.6/34

In: 2.765 $\pm$ 0.069 χ^2 /NDF:4887.4/26

Out: 3.152 $\pm$ 0.071 χ^2 /NDF:5513.7/29

All: 2.953 $\pm$ 0.049 χ^2 /NDF: 10416.5/56

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 χ^2/NDF : 123109.7/16

Left Out: 50.042 ± 0.088 χ^2/NDF : 1161.7/11

Right Out: 10.019 ± 0.071 χ^2/NDF : 122082.4/17

Left In: 49.660 ± 0.093 χ^2/NDF : 1043.3/9

Left: 49.861 ± 0.064 χ^2/NDF : 2214.0/21

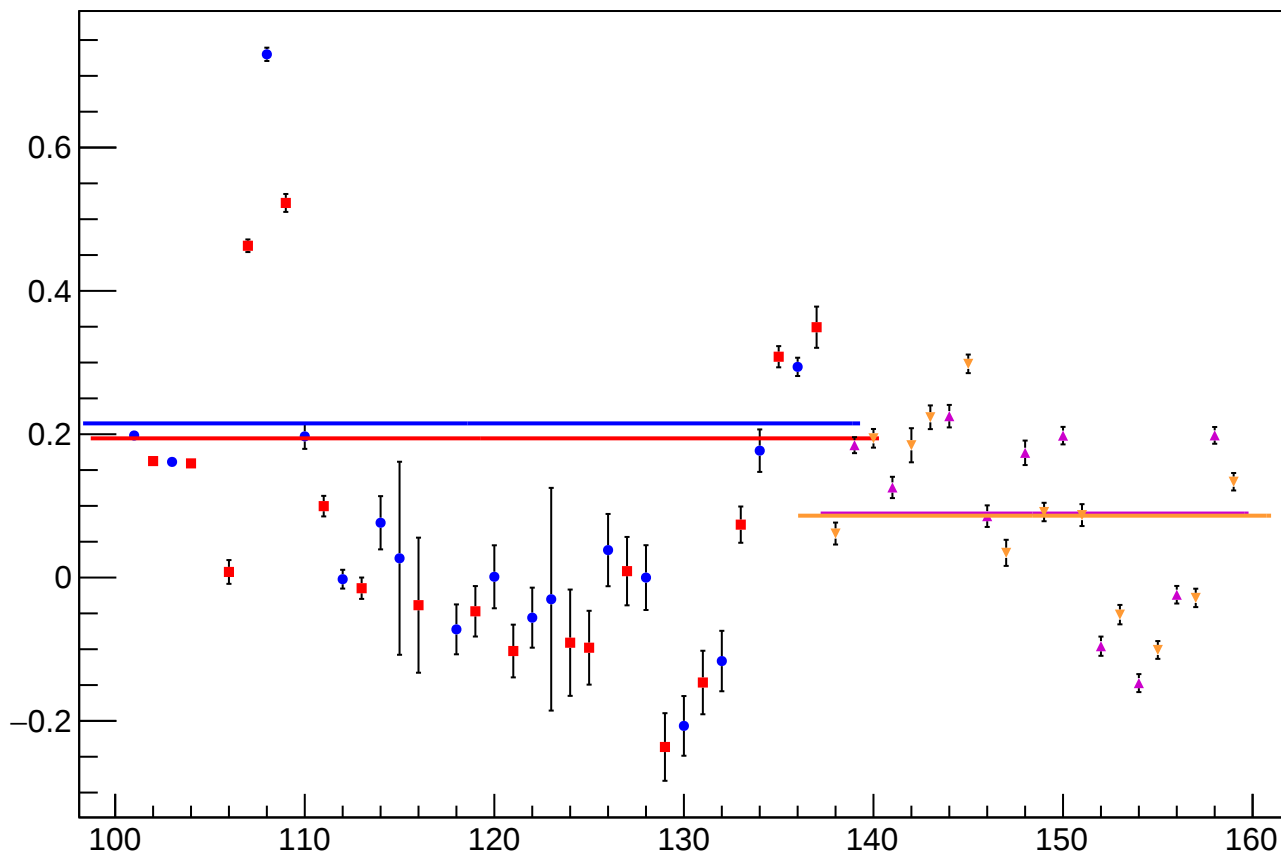
Right: 8.061 ± 0.048 χ^2/NDF : 246600.2/34

In: 20.594 ± 0.053 χ^2/NDF : 270403.9/26

Out: 25.775 ± 0.055 χ^2/NDF : 249325.3/29

All: 23.089 ± 0.038 χ^2/NDF : 524318.7/56

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 ± 0.003 χ^2/NDF : 3927.2/16

Left Out: 0.086 ± 0.004 χ^2/NDF : 859.3/11

Right Out: 0.194 ± 0.003 χ^2/NDF : 2520.1/17

Left In: 0.089 ± 0.004 χ^2/NDF : 976.6/9

Left: 0.088 ± 0.003 χ^2/NDF : 1836.1/21

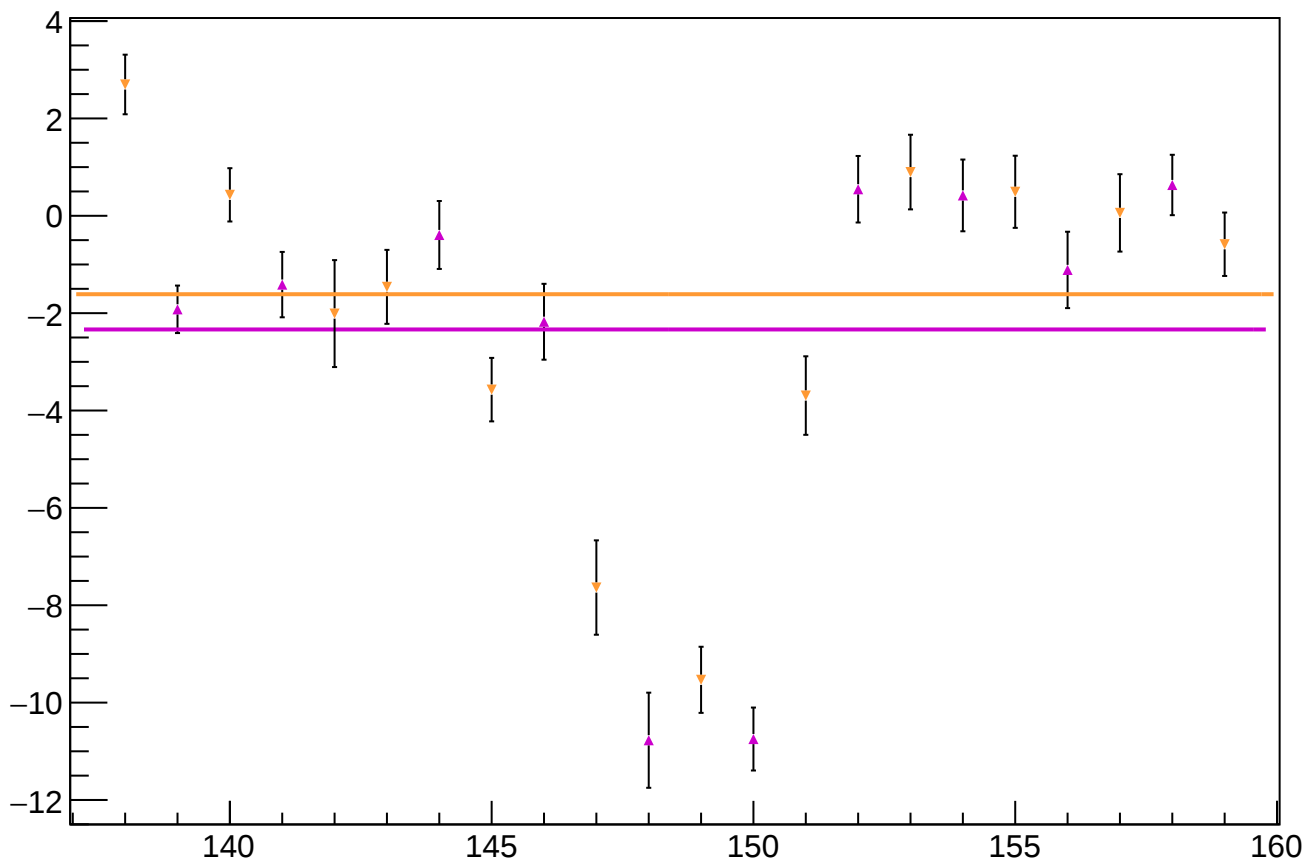
Right: 0.205 ± 0.002 χ^2/NDF : 6475.9/34

In: 0.177 ± 0.002 χ^2/NDF : 5531.9/26

Out: 0.161 ± 0.002 χ^2/NDF : 3857.7/29

All: 0.169 ± 0.002 χ^2/NDF : 9414.3/56

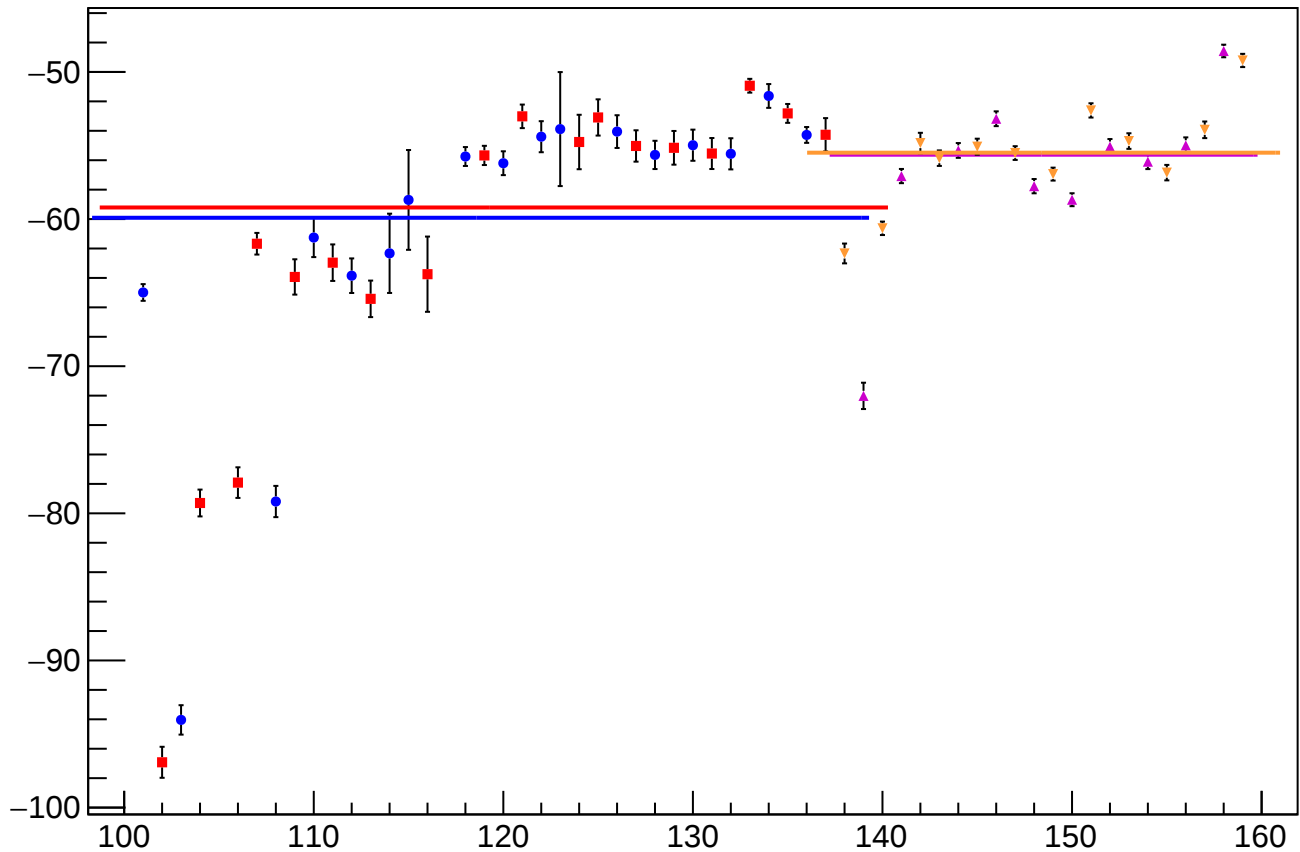
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -2.335 ± 0.214 $\chi^2/\text{NDF}: 311.4/9$

Left: -1.962 ± 0.149 $\chi^2/\text{NDF}: 596.9/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -2.335 ± 0.214 $\chi^2/\text{NDF}: 311.4/9$
 Out: -1.611 ± 0.208 $\chi^2/\text{NDF}: 279.7/11$
 All: -1.962 ± 0.149 $\chi^2/\text{NDF}: 596.9/21$

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 ± 0.223 $\chi^2/\text{NDF}: 1980.8/16$

Left Out: -55.487 ± 0.149 $\chi^2/\text{NDF}: 488.3/11$

Right Out: -59.212 ± 0.212 $\chi^2/\text{NDF}: 2742.9/17$

Left In: -55.625 ± 0.159 $\chi^2/\text{NDF}: 709.7/9$

Left: -55.551 ± 0.109 $\chi^2/\text{NDF}: 1198.4/21$

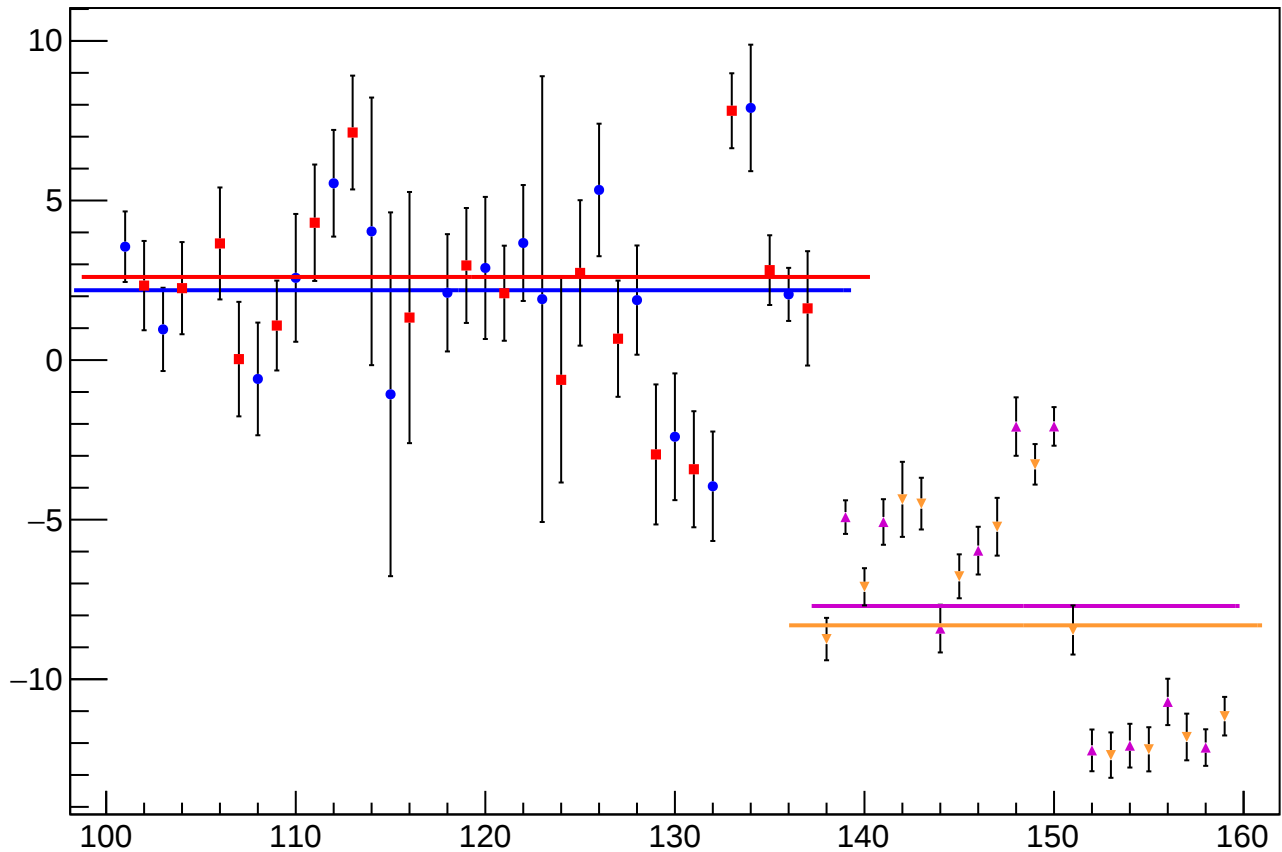
Right: -59.544 ± 0.154 $\chi^2/\text{NDF}: 4728.9/34$

In: -57.072 ± 0.130 $\chi^2/\text{NDF}: 2934.7/26$

Out: -56.712 ± 0.122 $\chi^2/\text{NDF}: 3437.7/29$

All: -56.881 ± 0.089 $\chi^2/\text{NDF}: 6376.5/56$

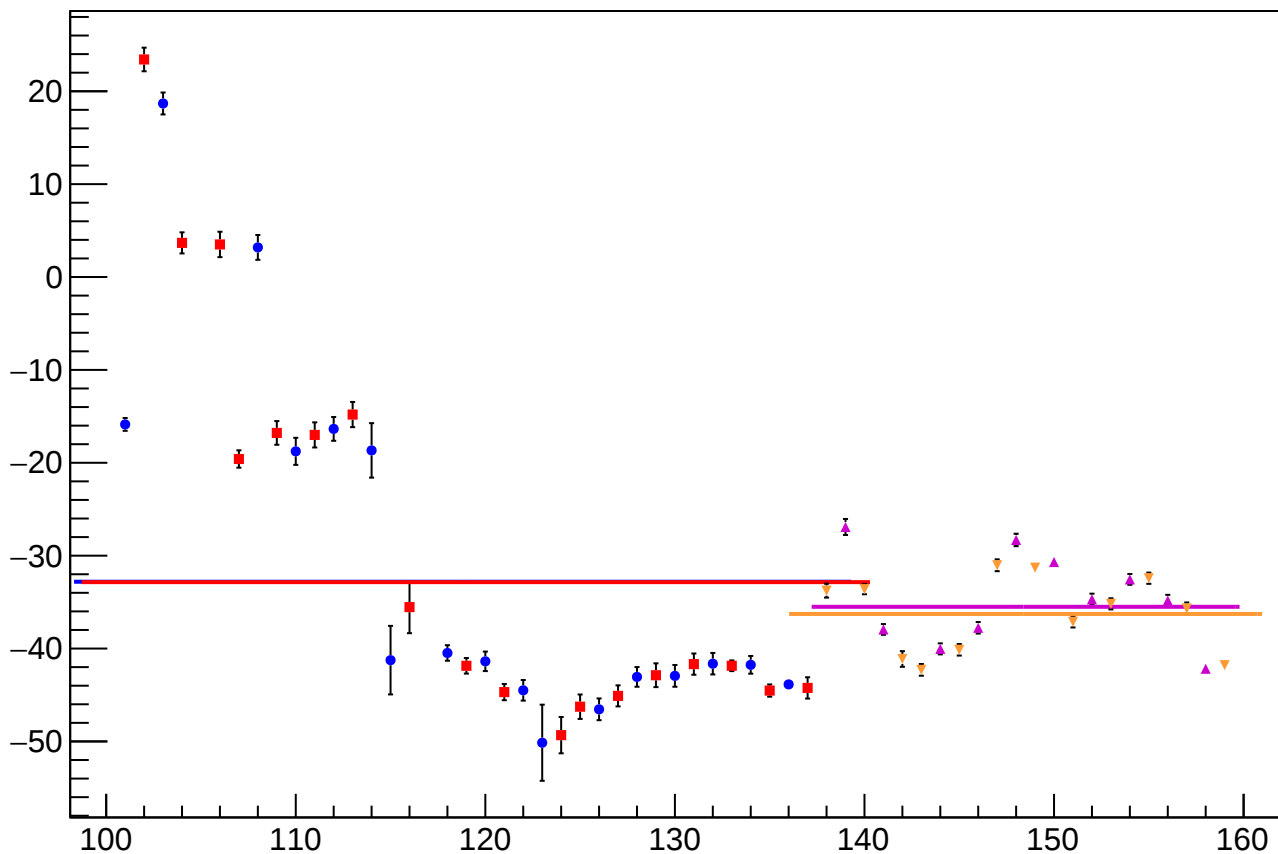
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -8.311 ± 0.206 $\chi^2/\text{NDF}: 227.2/11$
 Right Out: 2.605 ± 0.391 $\chi^2/\text{NDF}: 50.8/17$
 Left In: -7.705 ± 0.211 $\chi^2/\text{NDF}: 337.9/9$

Left: -8.016 ± 0.147 $\chi^2/\text{NDF}: 569.3/21$
 Right: 2.404 ± 0.281 $\chi^2/\text{NDF}: 90.4/34$
 In: -5.591 ± 0.187 $\chi^2/\text{NDF}: 847.2/26$
 Out: -5.943 ± 0.182 $\chi^2/\text{NDF}: 888.7/29$
 All: -5.771 ± 0.130 $\chi^2/\text{NDF}: 1737.8/56$

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: -36.274 ± 0.175 $\chi^2/\text{NDF}: 536.7/11$

Right Out: -32.850 ± 0.244 $\chi^2/\text{NDF}: 5750.3/17$

Left In: -35.505 ± 0.185 $\chi^2/\text{NDF}: 640.4/9$

Left: -35.912 ± 0.127 $\chi^2/\text{NDF}: 1186.3/21$

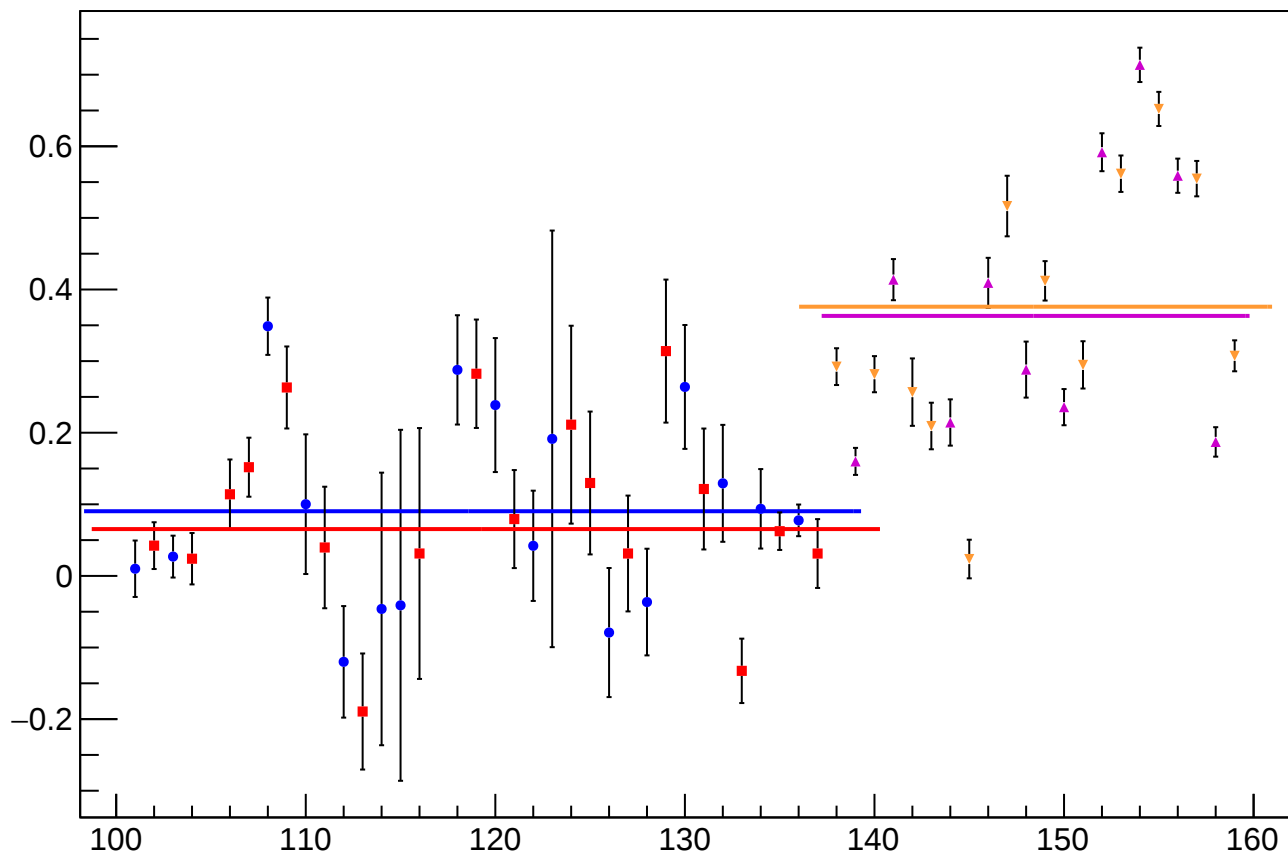
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -34.567 ± 0.150 $\chi^2/\text{NDF}: 5376.7/26$

Out: -35.113 ± 0.142 $\chi^2/\text{NDF}: 6416.8/29$

All: -34.854 ± 0.103 $\chi^2/\text{NDF}: 11800.5/56$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.090 ± 0.013 $\chi^2/\text{NDF}: 79.4/16$

Left Out: 0.376 ± 0.008 $\chi^2/\text{NDF}: 496.8/11$

Right Out: 0.065 ± 0.012 $\chi^2/\text{NDF}: 65.7/17$

Left In: 0.363 ± 0.008 $\chi^2/\text{NDF}: 599.5/9$

Left: 0.370 ± 0.006 $\chi^2/\text{NDF}: 1097.6/21$

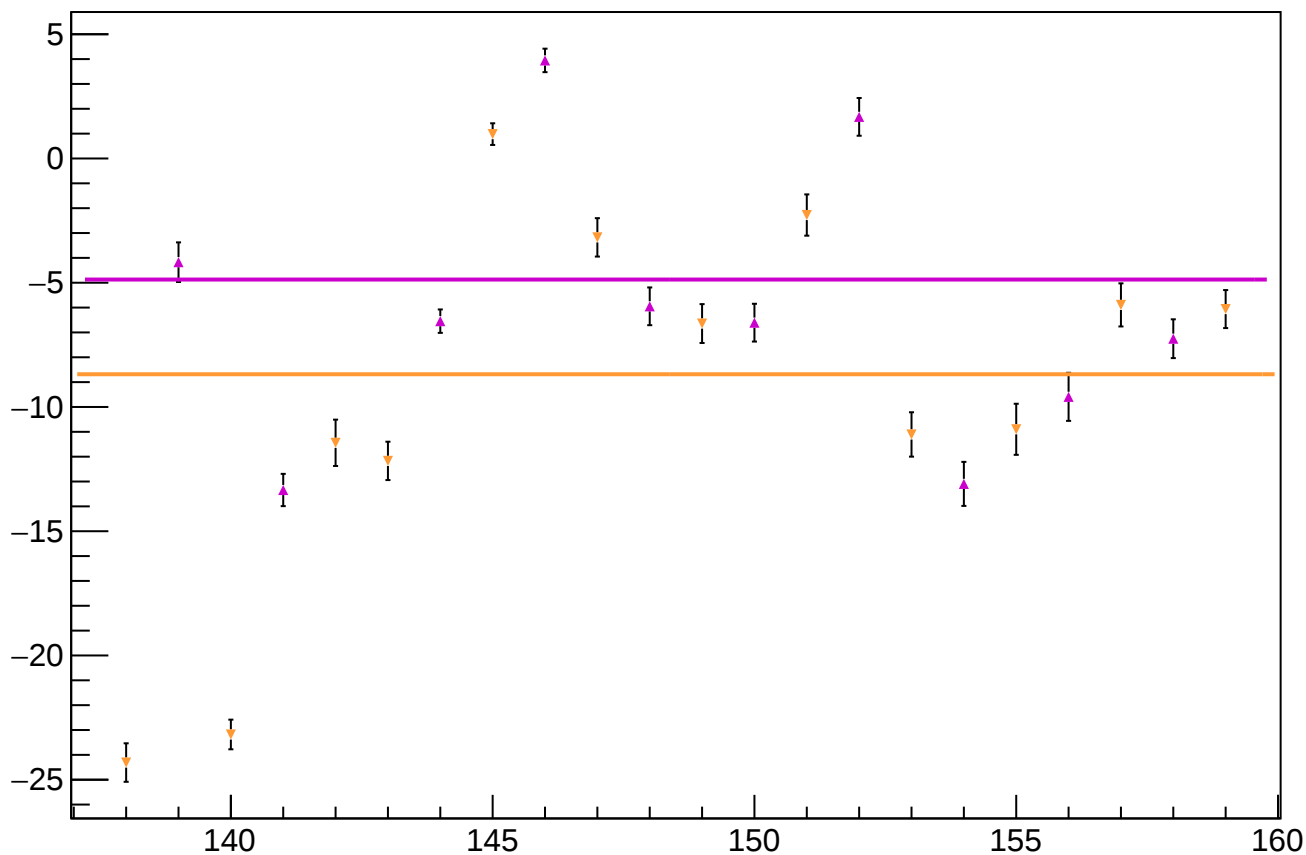
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.285 ± 0.007 $\chi^2/\text{NDF}: 1006.2/26$

Out: 0.284 ± 0.007 $\chi^2/\text{NDF}: 1014.4/29$

All: 0.284 ± 0.005 $\chi^2/\text{NDF}: 2020.6/56$

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -8.683+/-0.211 χ^2/NDF :1668.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.872+/-0.213 χ^2/NDF :732.5/9

Left: -6.797+/-0.150 χ^2/NDF : 2563.4/21

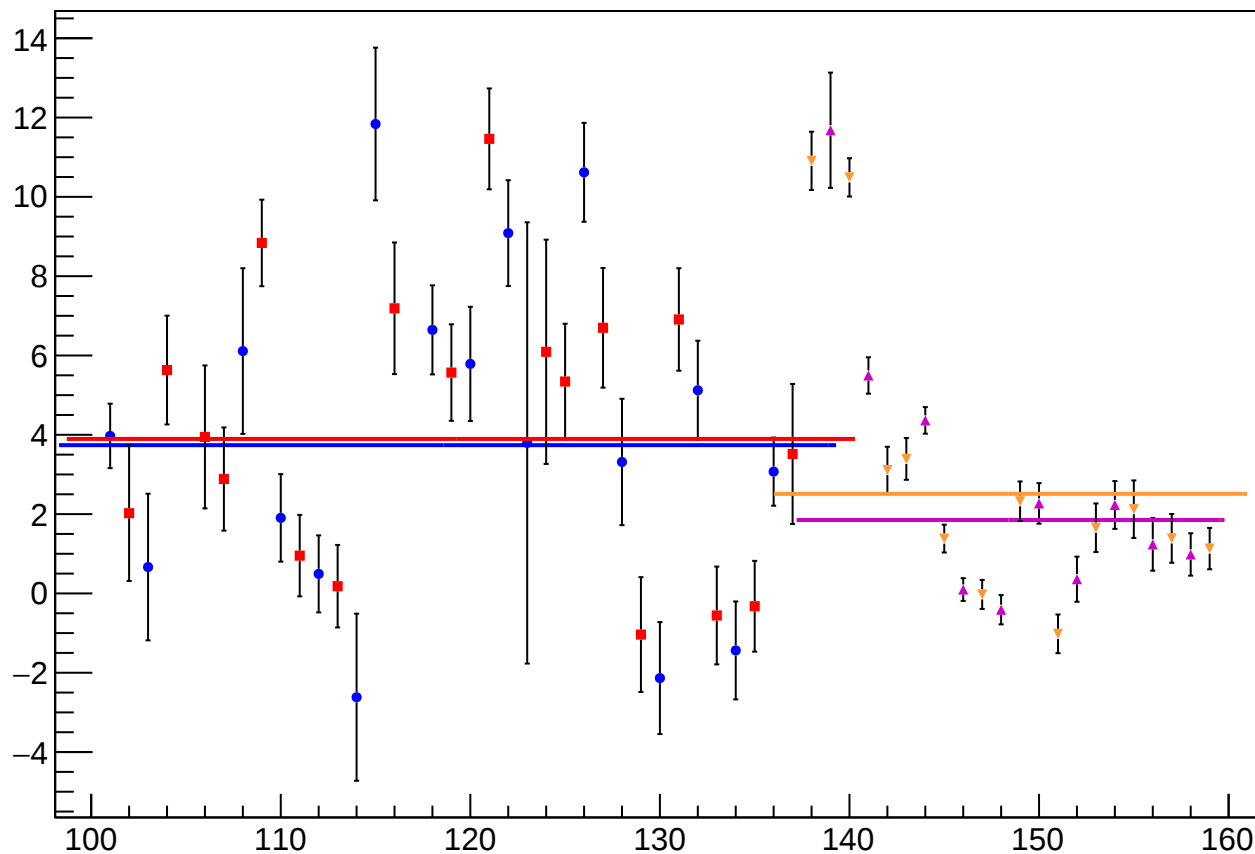
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -4.872+/-0.213 χ^2/NDF :732.5/9

Out: -8.683+/-0.211 χ^2/NDF :1668.7/11

All: -6.797+/-0.150 χ^2/NDF : 2563.4/21

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: 2.511 $\pm$ 0.145 χ^2 /NDF:531.6/11

Right Out: 3.896 $\pm$ 0.316 χ^2 /NDF: 134.9/17

Left In: 1.852 $\pm$ 0.143 χ^2 /NDF:251.3/9

Left: 2.176 $\pm$ 0.102 χ^2 /NDF: 793.3/21

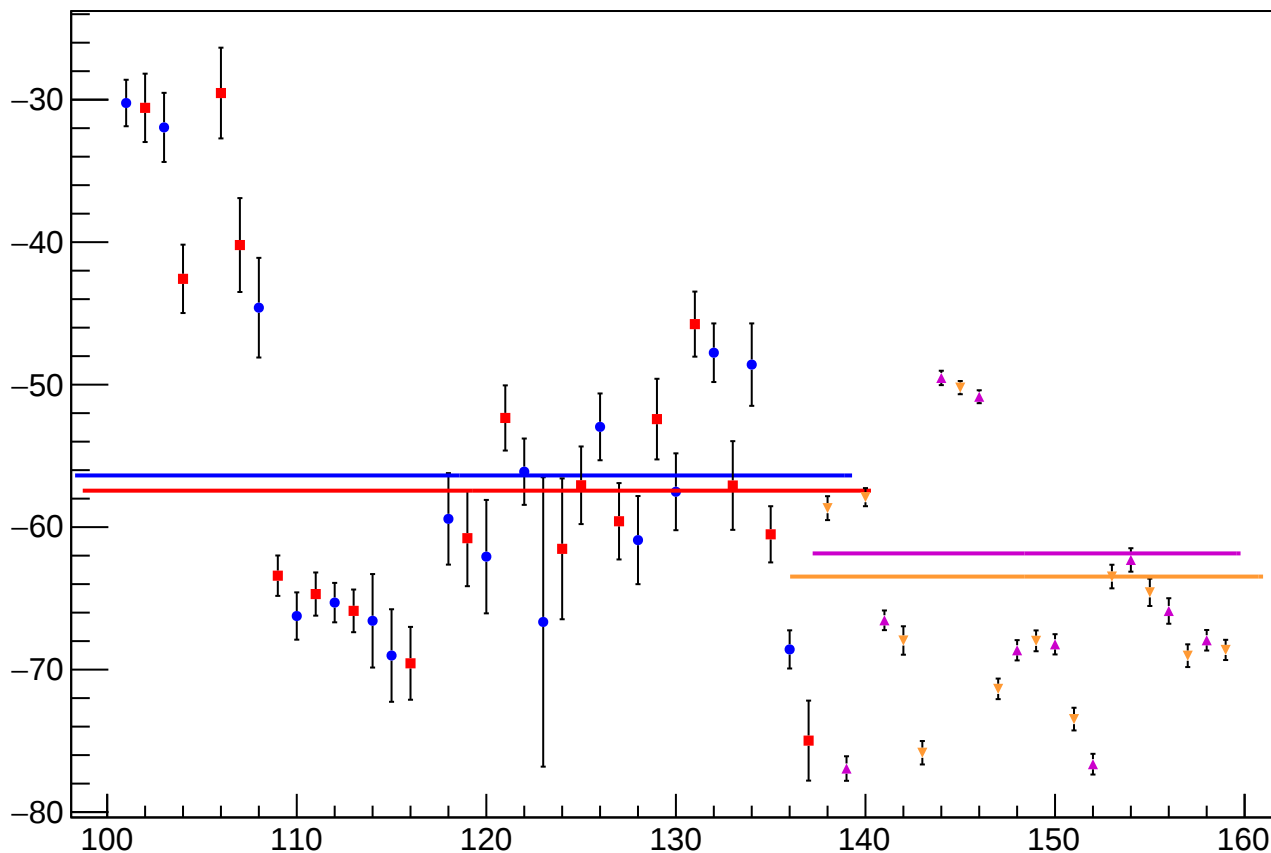
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.184 $\pm$ 0.130 χ^2 /NDF:418.9/26

Out: 2.753 $\pm$ 0.132 χ^2 /NDF:682.3/29

All: 2.463 $\pm$ 0.093 χ^2 /NDF: 1110.6/56

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 ± 0.543 $\chi^2/\text{NDF}: 587.6/16$

Left Out: -63.470 ± 0.211 $\chi^2/\text{NDF}: 1591.1/11$

Right Out: -57.440 ± 0.537 $\chi^2/\text{NDF}: 441.0/17$

Left In: -61.844 ± 0.210 $\chi^2/\text{NDF}: 2214.4/9$

Left: -62.653 ± 0.149 $\chi^2/\text{NDF}: 3835.4/21$

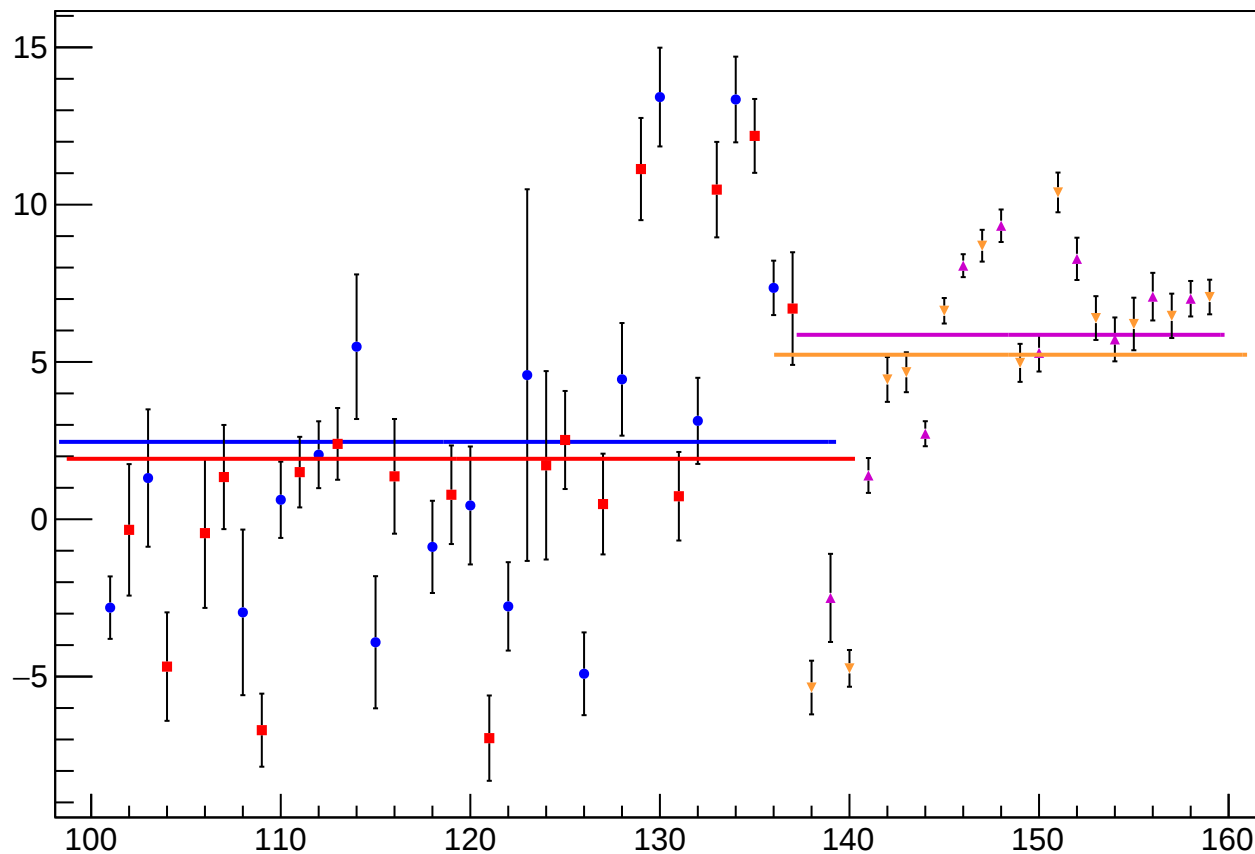
Right: -56.912 ± 0.382 $\chi^2/\text{NDF}: 1030.5/34$

In: -61.134 ± 0.196 $\chi^2/\text{NDF}: 2890.4/26$

Out: -62.665 ± 0.196 $\chi^2/\text{NDF}: 2141.4/29$

All: -61.897 ± 0.139 $\chi^2/\text{NDF}: 5062.3/56$

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: 5.230 ± 0.175 χ^2/NDF : 591.4/11

Right Out: 1.922 ± 0.355 χ^2/NDF : 265.1/17

Left In: 5.863 ± 0.173 χ^2/NDF : 265.0/9

Left: 5.549 ± 0.123 χ^2/NDF : 863.0/21

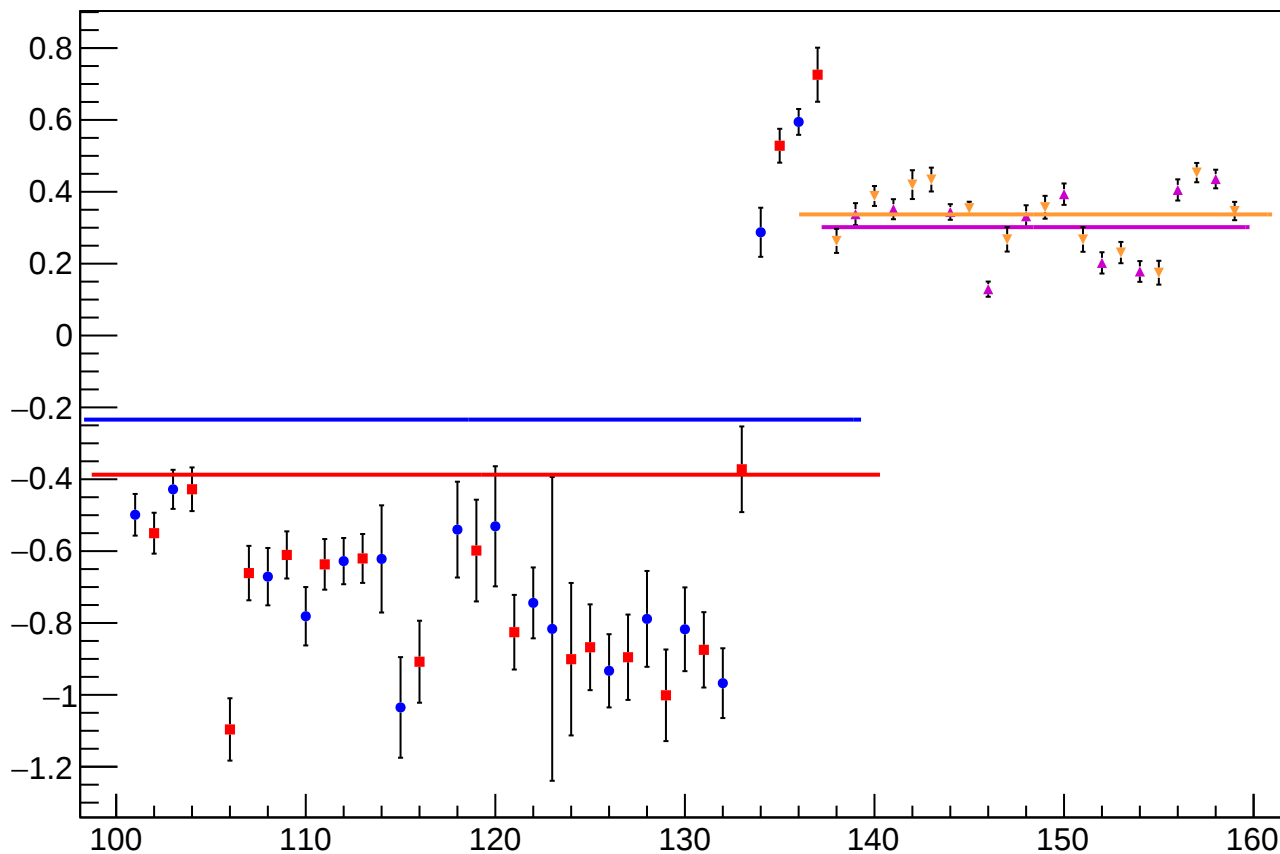
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 5.182 ± 0.155 χ^2/NDF : 586.3/26

Out: 4.586 ± 0.157 χ^2/NDF : 926.4/29

All: 4.887 ± 0.110 χ^2/NDF : 1520.0/56

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: 0.337 ± 0.008 χ^2/NDF : 86.3/11

Right Out: -0.387 ± 0.019 χ^2/NDF : 846.6/17

Left In: 0.302 ± 0.008 χ^2/NDF : 153.9/9

Left: 0.320 ± 0.006 χ^2/NDF : 249.0/21

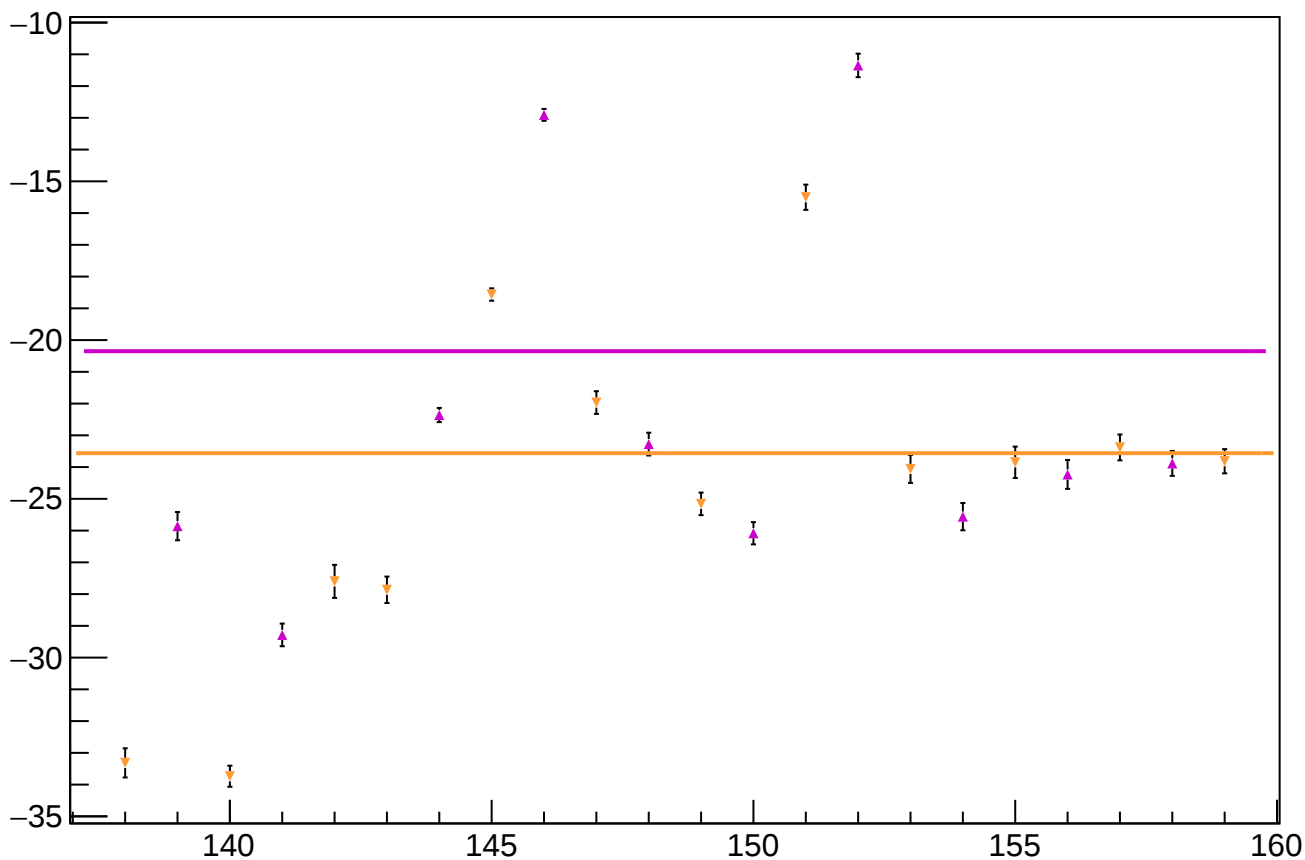
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.212 ± 0.008 χ^2/NDF : 1780.7/26

Out: 0.220 ± 0.008 χ^2/NDF : 2151.6/29

All: 0.216 ± 0.005 χ^2/NDF : 3933.0/56

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected

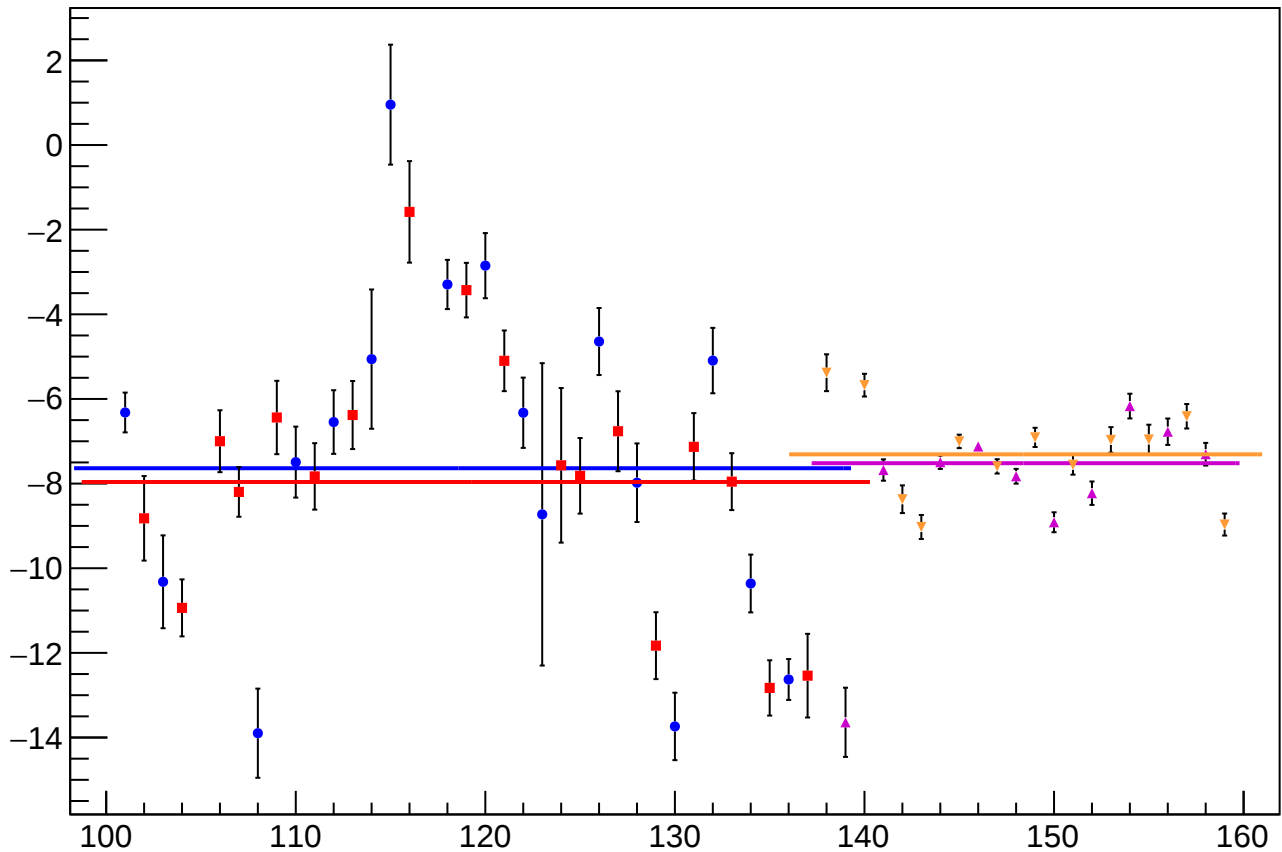


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -23.562+/-0.103 χ^2/NDF :2667.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -20.350+/-0.099 χ^2/NDF :3666.0/9

Left: -21.893+/-0.072 χ^2/NDF : 6836.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -20.350+/-0.099 χ^2/NDF :3666.0/9
 Out: -23.562+/-0.103 χ^2/NDF :2667.4/11

All: -21.893+/-0.072 χ^2/NDF : 6836.1/21

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: -7.309 ± 0.071 χ^2/NDF : 167.3/11

Right Out: -7.962 ± 0.186 χ^2/NDF : 226.5/17

Left In: -7.518 ± 0.066 χ^2/NDF : 140.4/9

Left: -7.421 ± 0.048 χ^2/NDF : 312.4/21

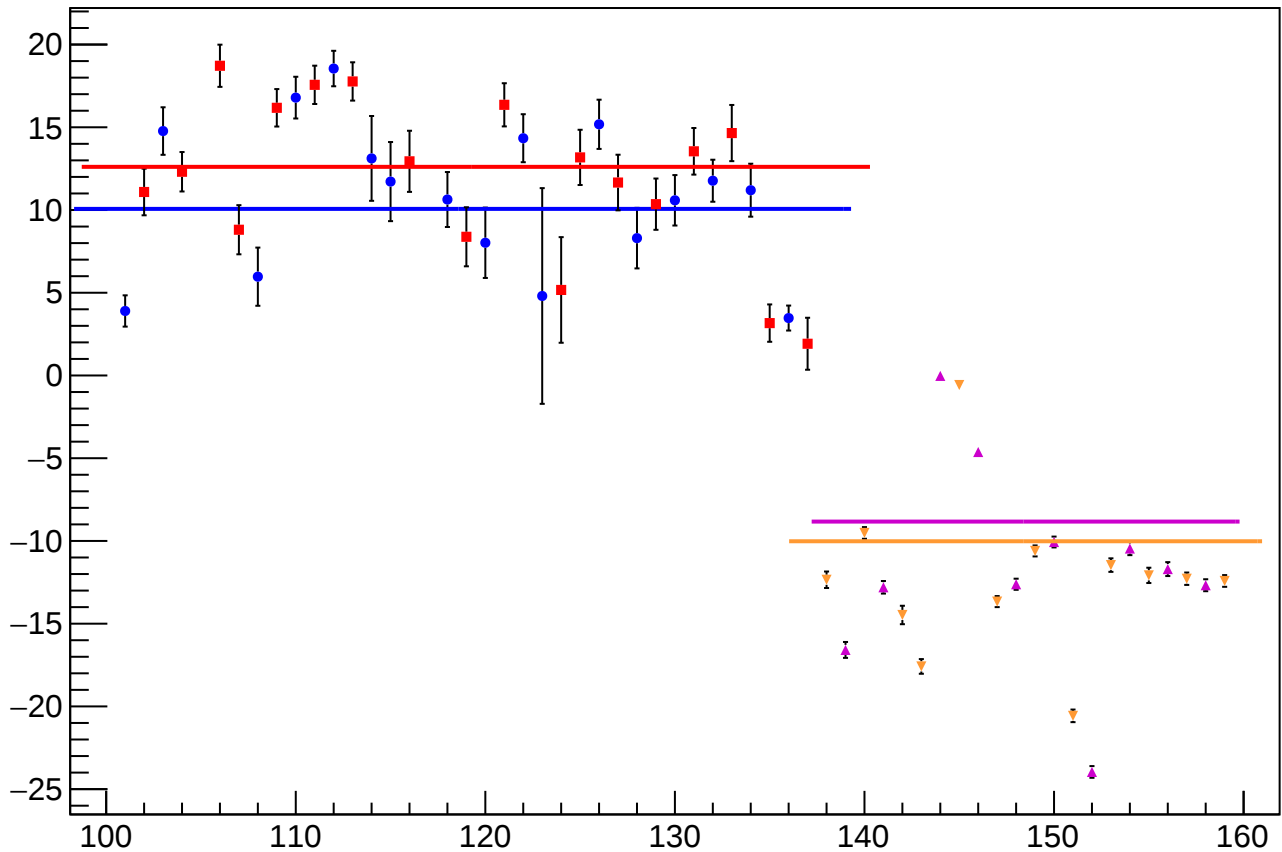
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.531 ± 0.062 χ^2/NDF : 534.8/26

Out: -7.392 ± 0.066 χ^2/NDF : 404.6/29

All: -7.466 ± 0.045 χ^2/NDF : 941.8/56

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: -10.019 ± 0.103 χ^2/NDF : 3484.5/11

Right Out: 12.609 ± 0.333 χ^2/NDF : 219.0/17

Left In: -8.830 ± 0.097 χ^2/NDF : 4410.3/9

Left: -9.393 ± 0.071 χ^2/NDF : 7965.3/21

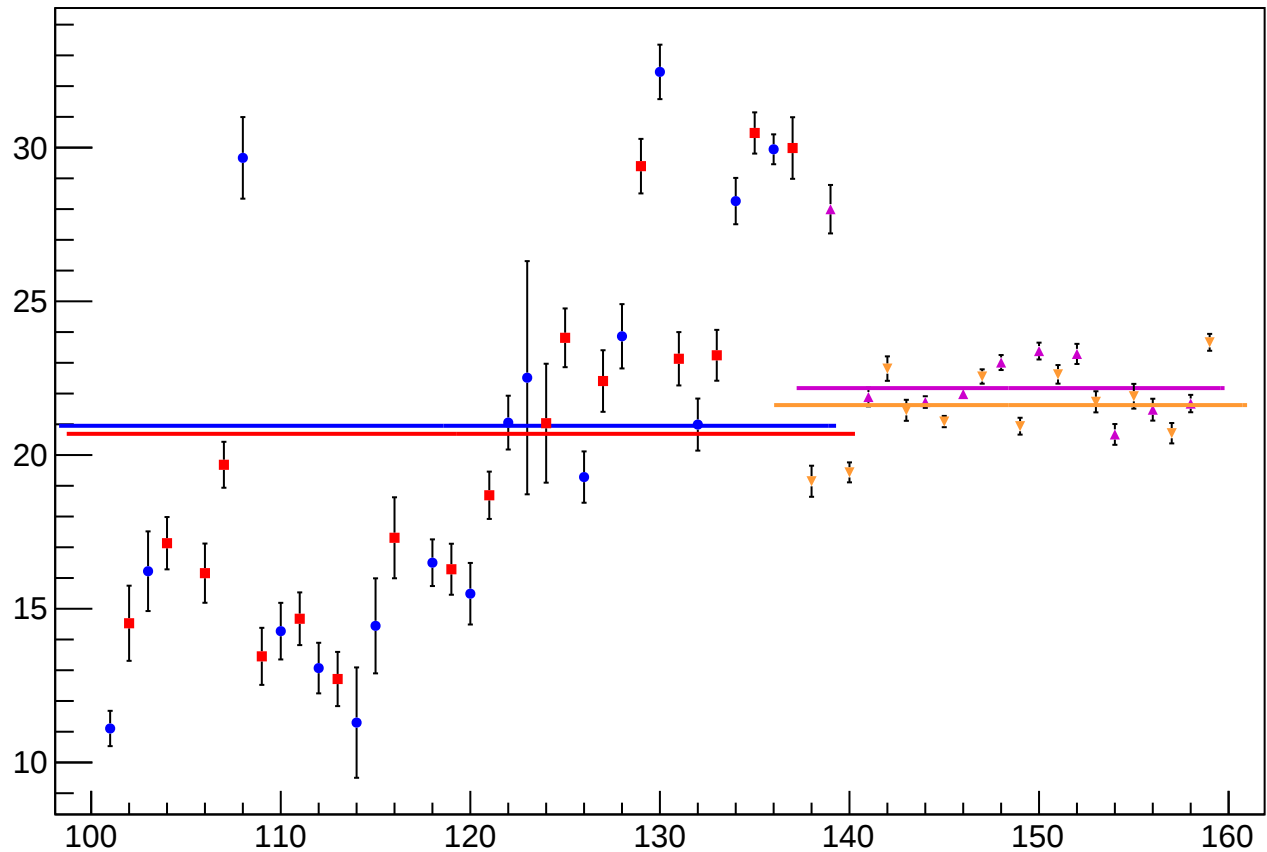
Right: 11.355 ± 0.237 χ^2/NDF : 501.3/34

In: -7.374 ± 0.094 χ^2/NDF : 7559.1/26

Out: -8.051 ± 0.098 χ^2/NDF : 7916.7/29

All: -7.696 ± 0.068 χ^2/NDF : 15500.6/56

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: 21.625 $\pm$ 0.085 χ^2 /NDF:183.6/11

Right Out: 20.690 $\pm$ 0.213 χ^2 /NDF: 726.9/17

Left In: 22.177 $\pm$ 0.080 χ^2 /NDF:132.4/9

Left: 21.918 $\pm$ 0.058 χ^2 /NDF: 338.2/21

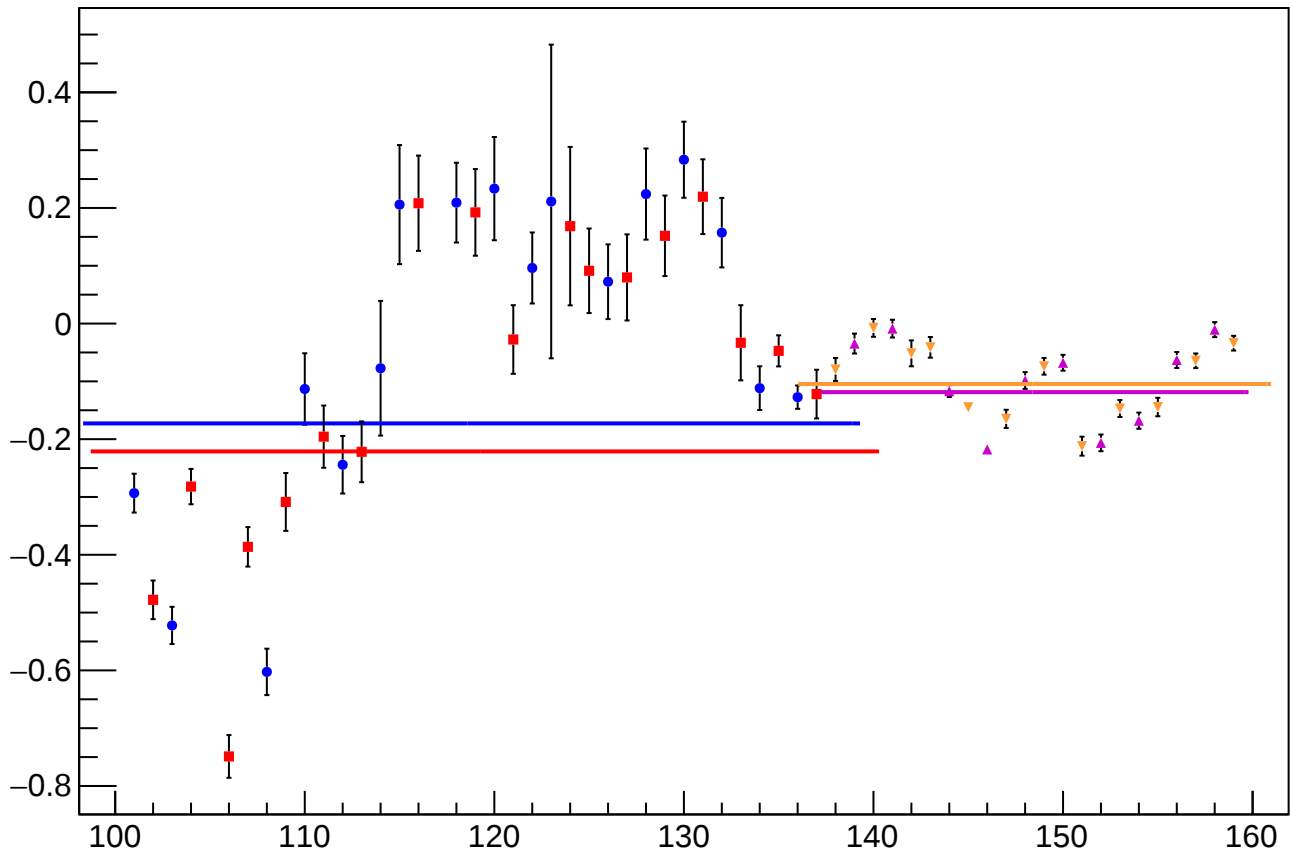
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.021 $\pm$ 0.075 χ^2 /NDF:1384.9/26

Out: 21.495 $\pm$ 0.079 χ^2 /NDF:927.2/29

All: 21.772 $\pm$ 0.054 χ^2 /NDF: 2335.3/56

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: -0.105 ± 0.004 χ^2/NDF : 202.1/11

Right Out: -0.221 ± 0.011 χ^2/NDF : 535.1/17

Left In: -0.119 ± 0.004 χ^2/NDF : 363.4/9

Left: -0.112 ± 0.003 χ^2/NDF : 571.6/21

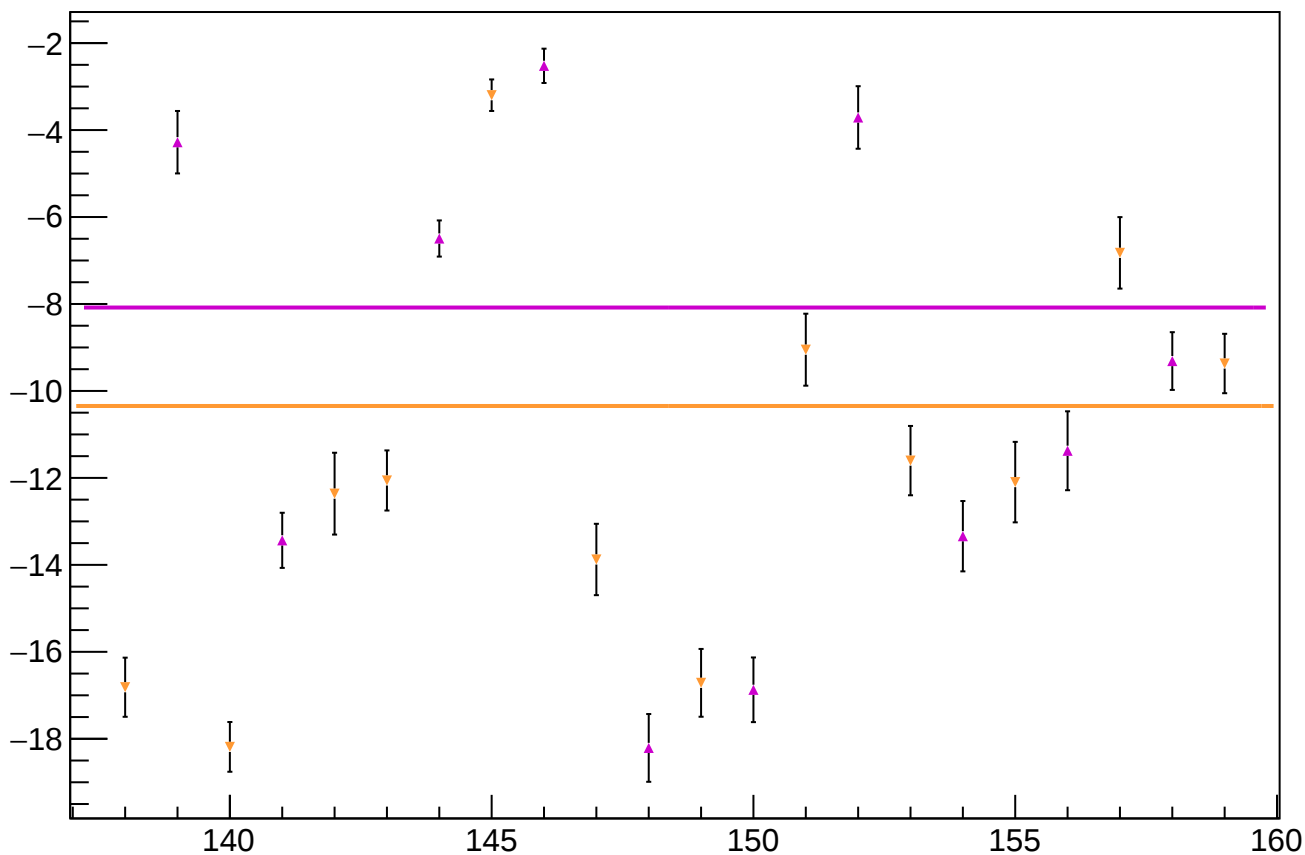
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.125 ± 0.004 χ^2/NDF : 844.5/26

Out: -0.119 ± 0.004 χ^2/NDF : 836.8/29

All: -0.122 ± 0.003 χ^2/NDF : 1682.6/56

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: -10.346+/-0.192 χ^2/NDF : 791.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Left: -9.213+/-0.136 χ^2/NDF : 1577.8/21

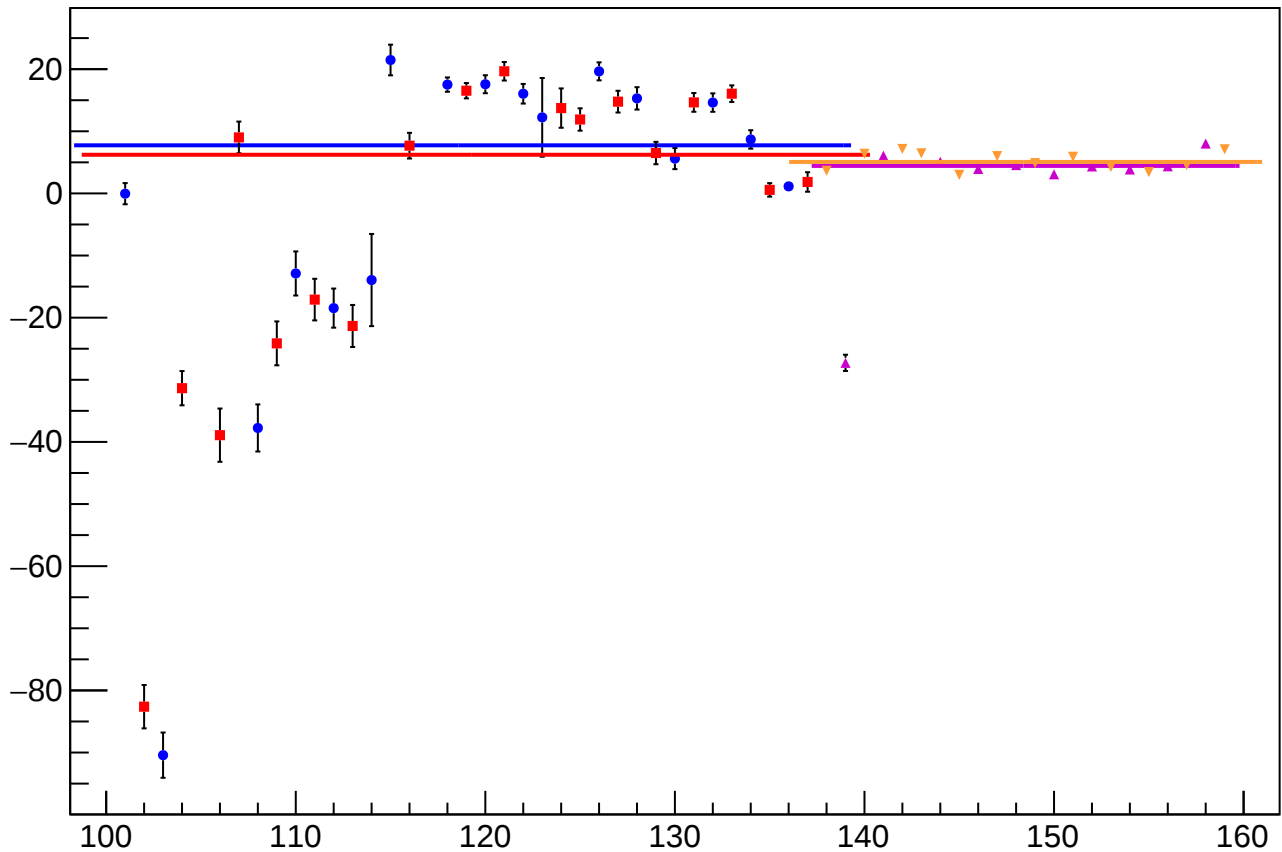
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Out: -10.346+/-0.192 χ^2/NDF : 791.5/11

All: -9.213+/-0.136 χ^2/NDF : 1577.8/21

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.742 $\pm$ 0.403 χ^2 /NDF: 1358.9/16

Left Out: 5.068 $\pm$ 0.135 χ^2 /NDF:123.1/11

Right Out: 6.220 $\pm$ 0.434 χ^2 /NDF: 1445.9/17

Left In: 4.427 $\pm$ 0.131 χ^2 /NDF:681.4/9

Left: 4.738 $\pm$ 0.094 χ^2 /NDF: 816.0/21

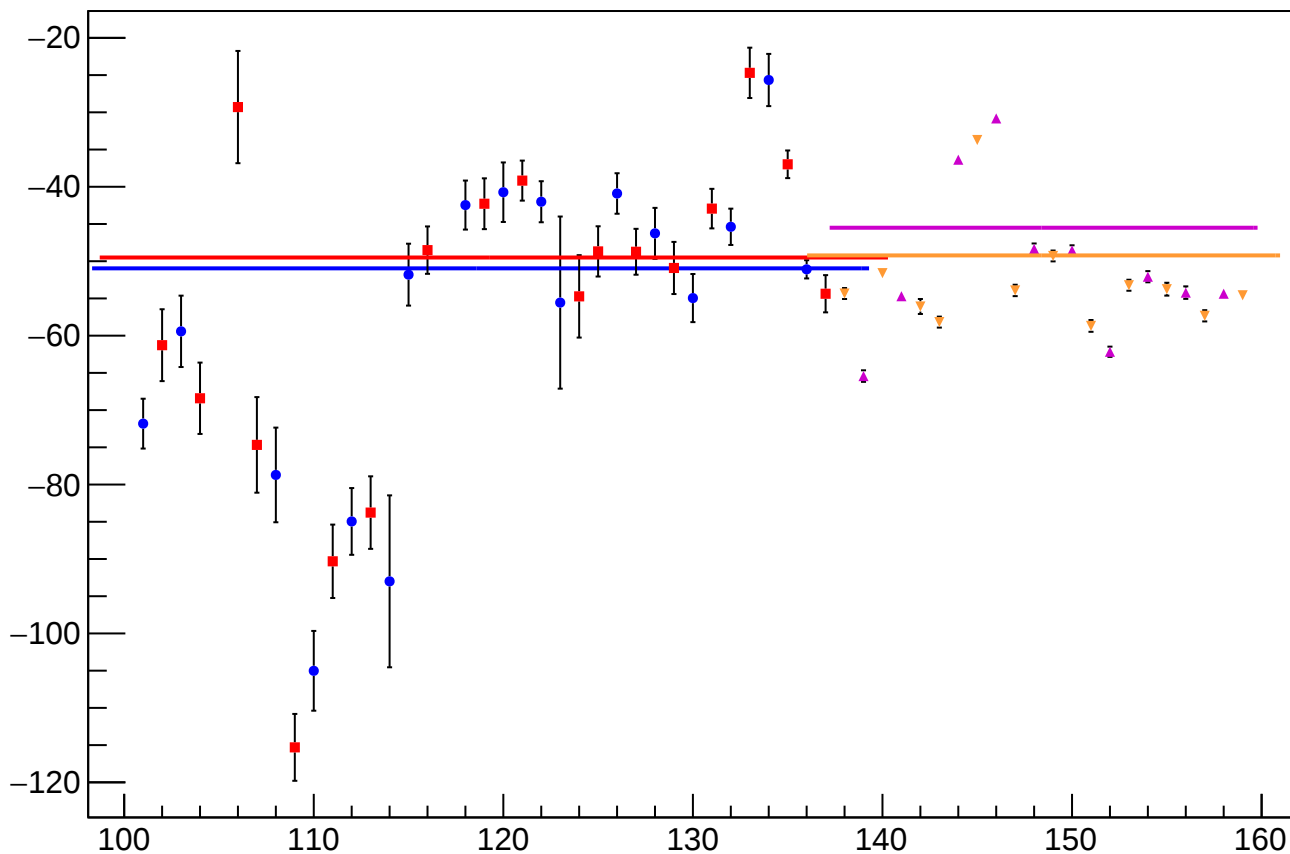
Right: 7.037 $\pm$ 0.295 χ^2 /NDF: 2811.4/34

In: 4.746 $\pm$ 0.125 χ^2 /NDF:2101.5/26

Out: 5.170 $\pm$ 0.129 χ^2 /NDF:1575.4/29

All: 4.951 $\pm$ 0.090 χ^2 /NDF: 3682.5/56

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: -49.221 ± 0.194 χ^2/NDF : 2281.7/11

Right Out: -49.502 ± 0.798 χ^2/NDF : 506.4/17

Left In: -45.503 ± 0.190 χ^2/NDF : 3773.1/9

Left: -47.324 ± 0.136 χ^2/NDF : 6242.4/21

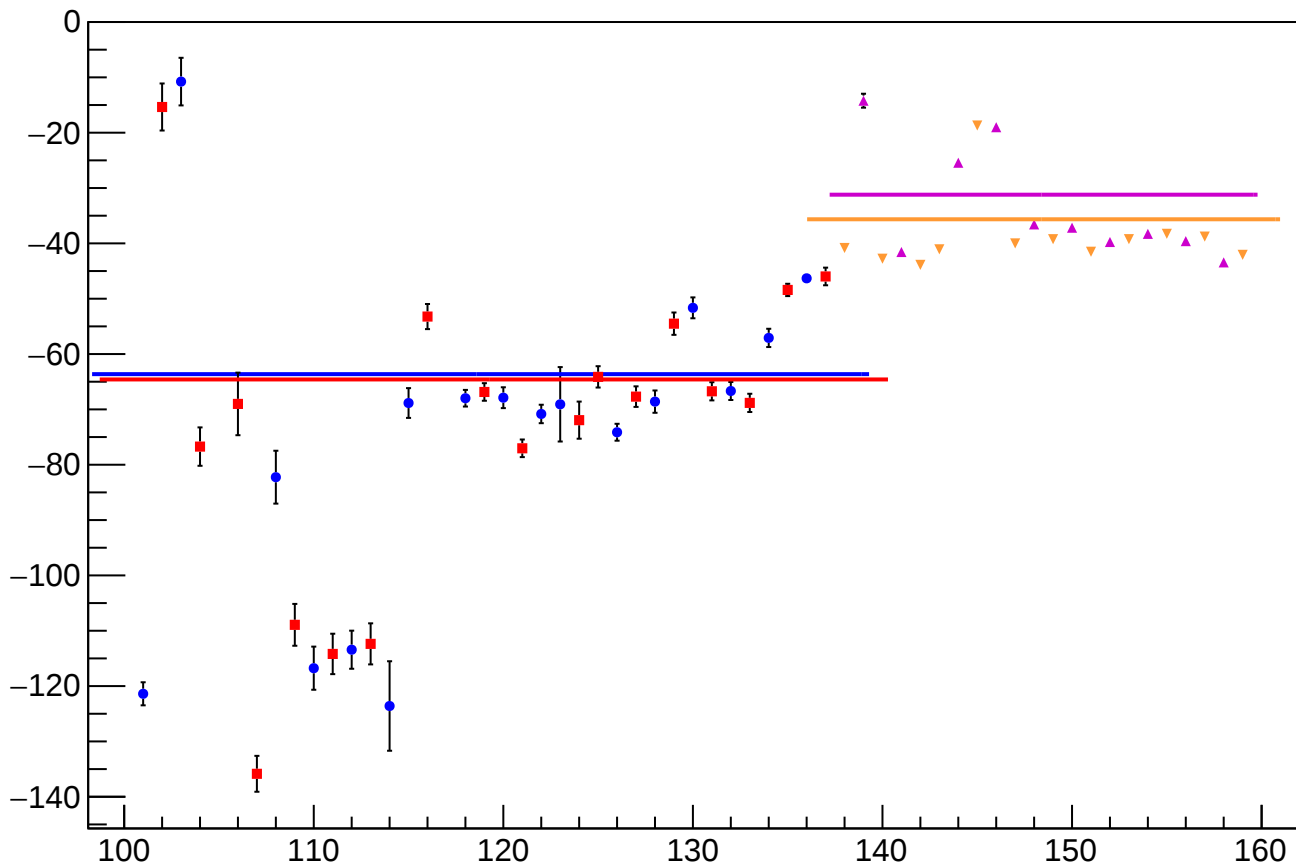
Right: -50.287 ± 0.542 χ^2/NDF : 840.1/34

In: -45.842 ± 0.184 χ^2/NDF : 4156.2/26

Out: -49.237 ± 0.188 χ^2/NDF : 2788.2/29

All: -47.499 ± 0.132 χ^2/NDF : 7110.7/56

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: -35.647 ± 0.161 χ^2/NDF : 3433.2/11

Right Out: -64.590 ± 0.482 χ^2/NDF : 1594.3/17

Left In: -31.203 ± 0.158 χ^2/NDF : 3620.9/9

Left: -33.382 ± 0.113 χ^2/NDF : 7441.2/21

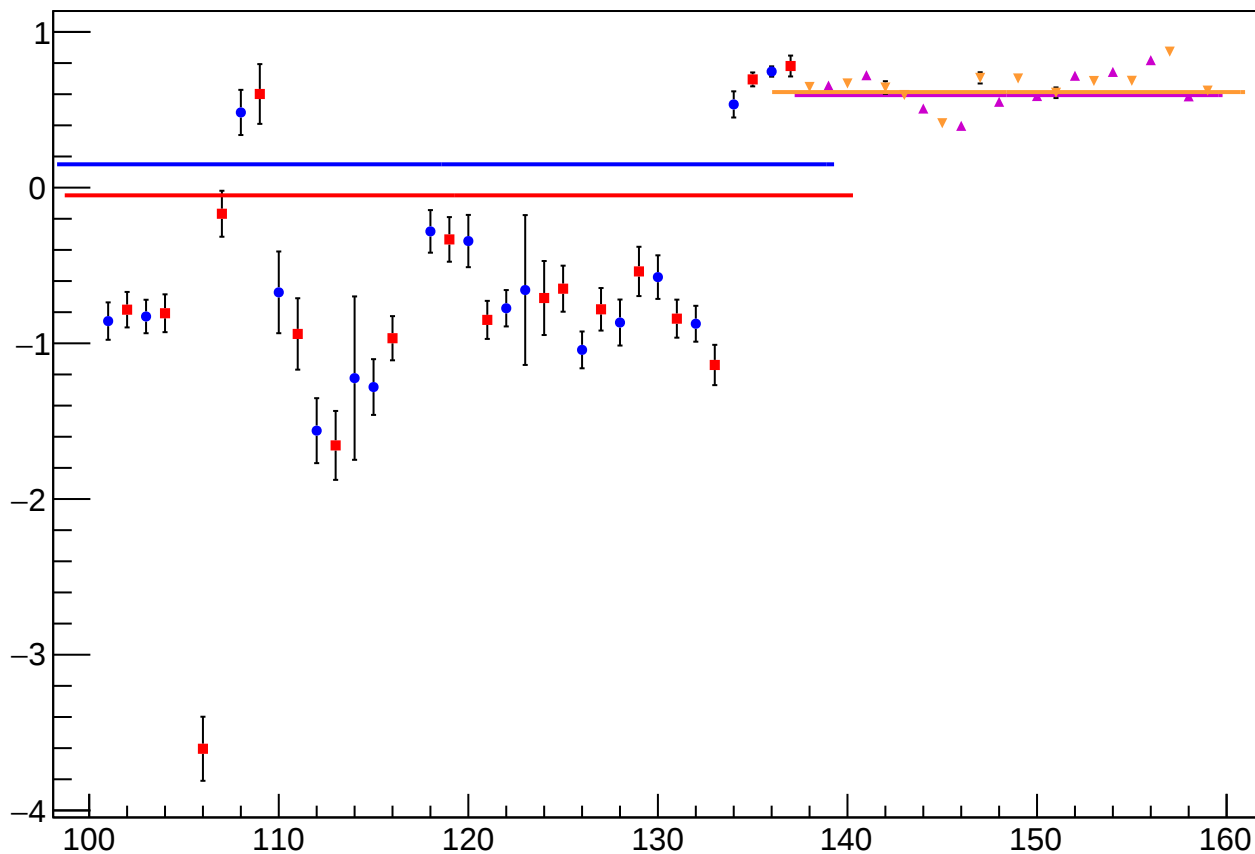
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -34.827 ± 0.149 χ^2/NDF : 10331.1/26

Out: -38.559 ± 0.153 χ^2/NDF : 8268.2/29

All: -36.645 ± 0.107 χ^2/NDF : 18904.8/56

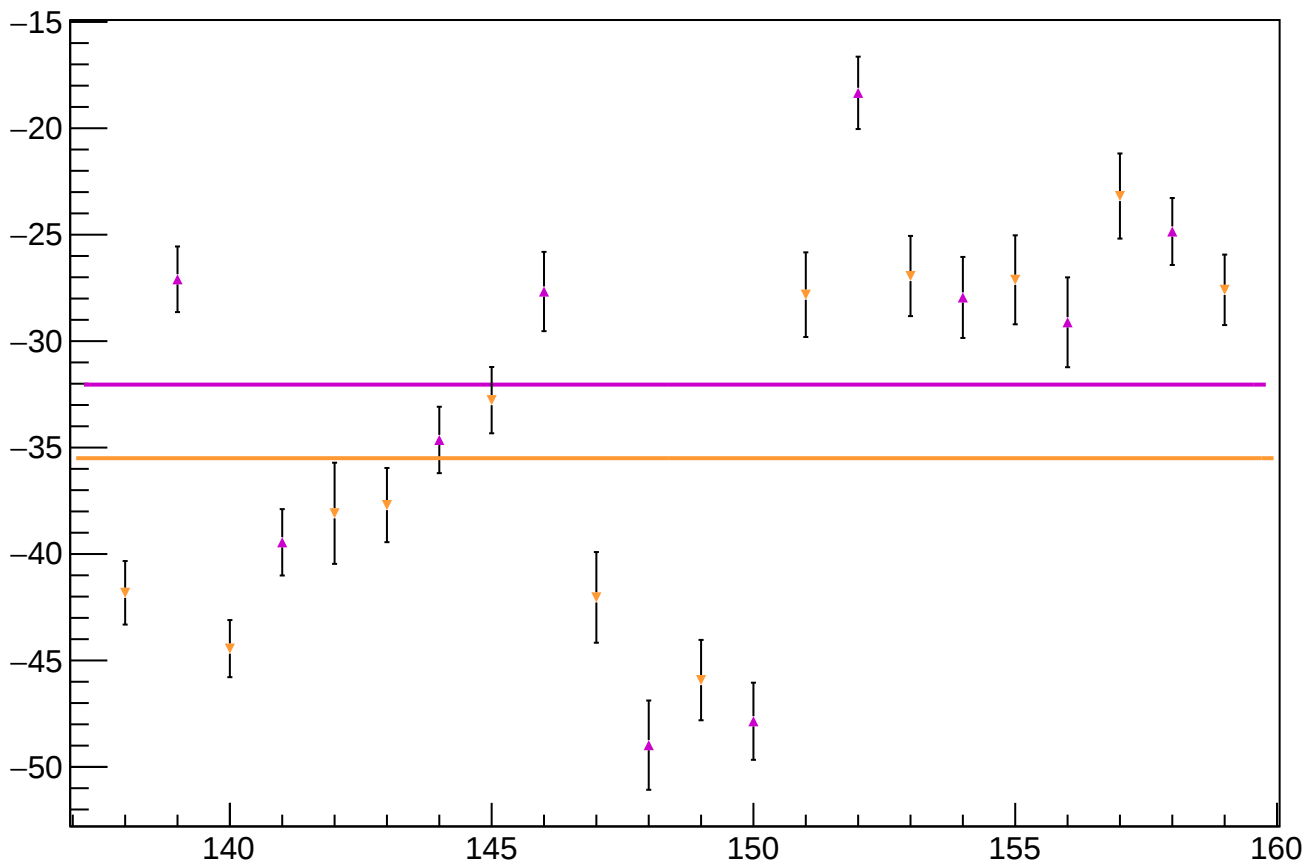
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.614 ± 0.008 χ^2/NDF : 310.9/11
 Right Out: -0.050 ± 0.026 χ^2/NDF : 1154.0/17
 Left In: 0.594 ± 0.008 χ^2/NDF : 288.5/9

Left: 0.604 ± 0.005 χ^2/NDF : 602.6/21
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.552 ± 0.007 χ^2/NDF : 1588.6/26
 Out: 0.562 ± 0.007 χ^2/NDF : 2054.8/29
 All: 0.557 ± 0.005 χ^2/NDF : 3644.3/56

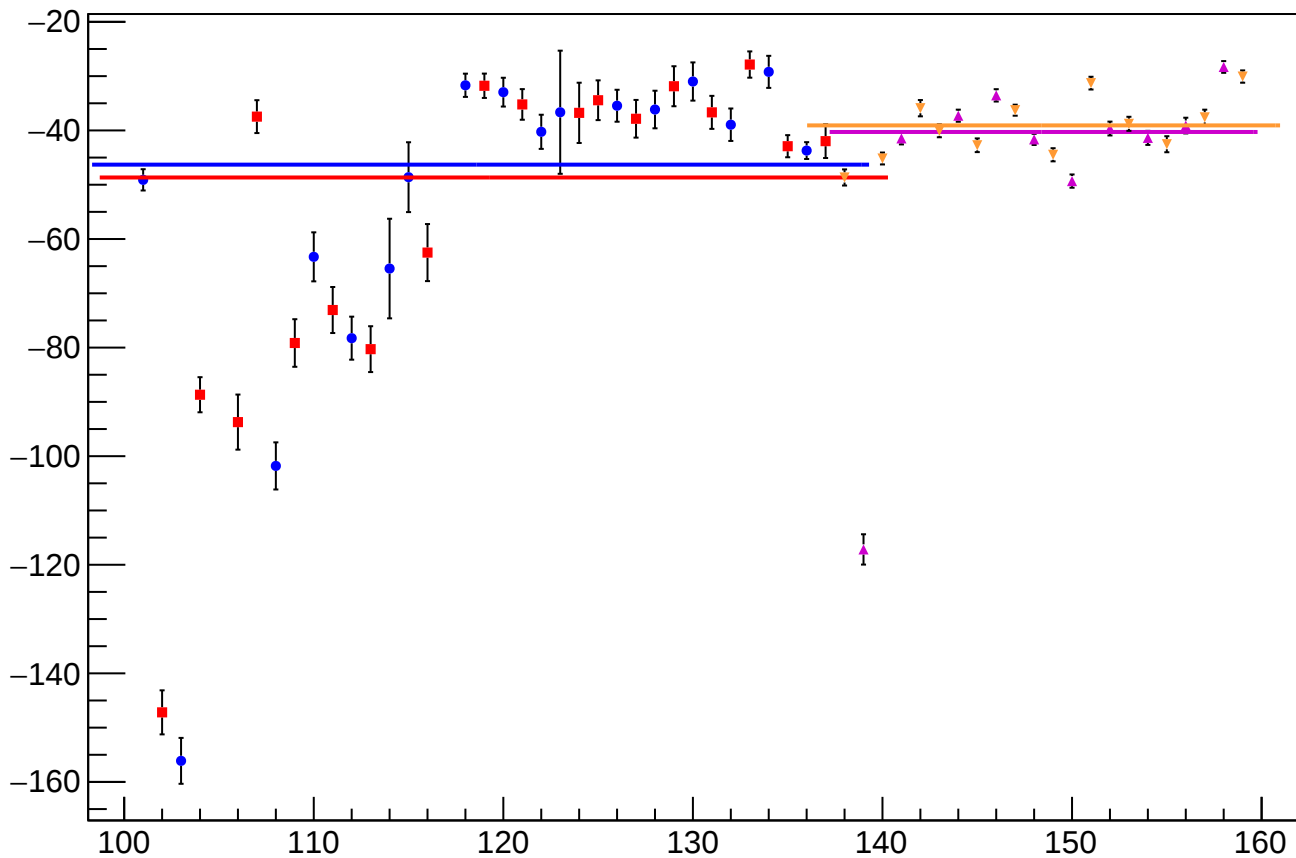
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -35.498 ± 0.513 χ^2/NDF : 220.6/11
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -32.043 ± 0.549 χ^2/NDF : 275.1/9

Left: -33.889 ± 0.375 χ^2/NDF : 516.8/21
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: -32.043 ± 0.549 χ^2/NDF : 275.1/9
 Out: -35.498 ± 0.513 χ^2/NDF : 220.6/11
 All: -33.889 ± 0.375 χ^2/NDF : 516.8/21

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: -39.072 ± 0.359 $\chi^2/\text{NDF}: 227.1/11$

Right Out: -48.666 ± 0.763 $\chi^2/\text{NDF}: 1212.3/17$

Left In: -40.284 ± 0.387 $\chi^2/\text{NDF}: 982.8/9$

Left: -39.632 ± 0.263 $\chi^2/\text{NDF}: 1215.1/21$

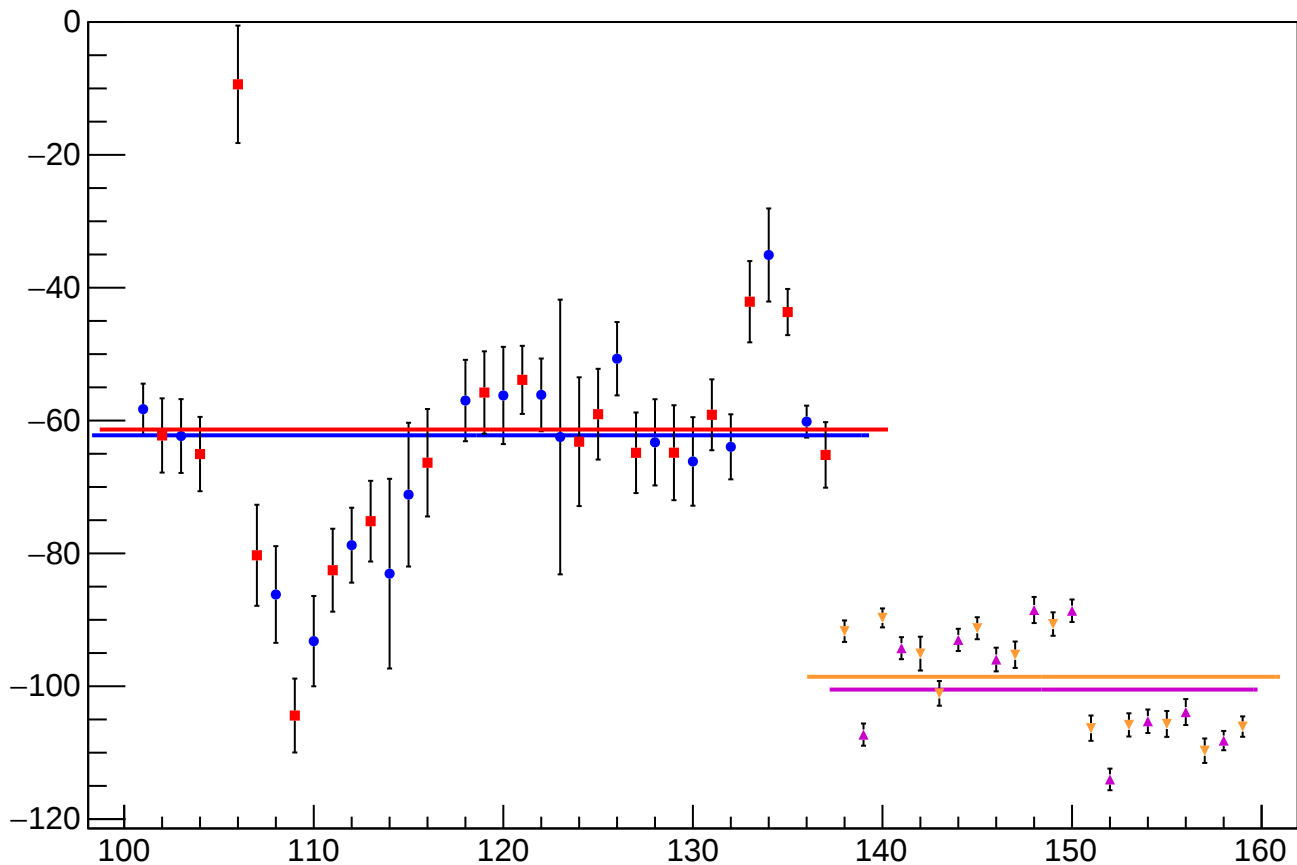
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -41.623 ± 0.341 $\chi^2/\text{NDF}: 2120.5/26$

Out: -40.809 ± 0.325 $\chi^2/\text{NDF}: 1568.7/29$

All: -41.196 ± 0.235 $\chi^2/\text{NDF}: 3692.2/56$

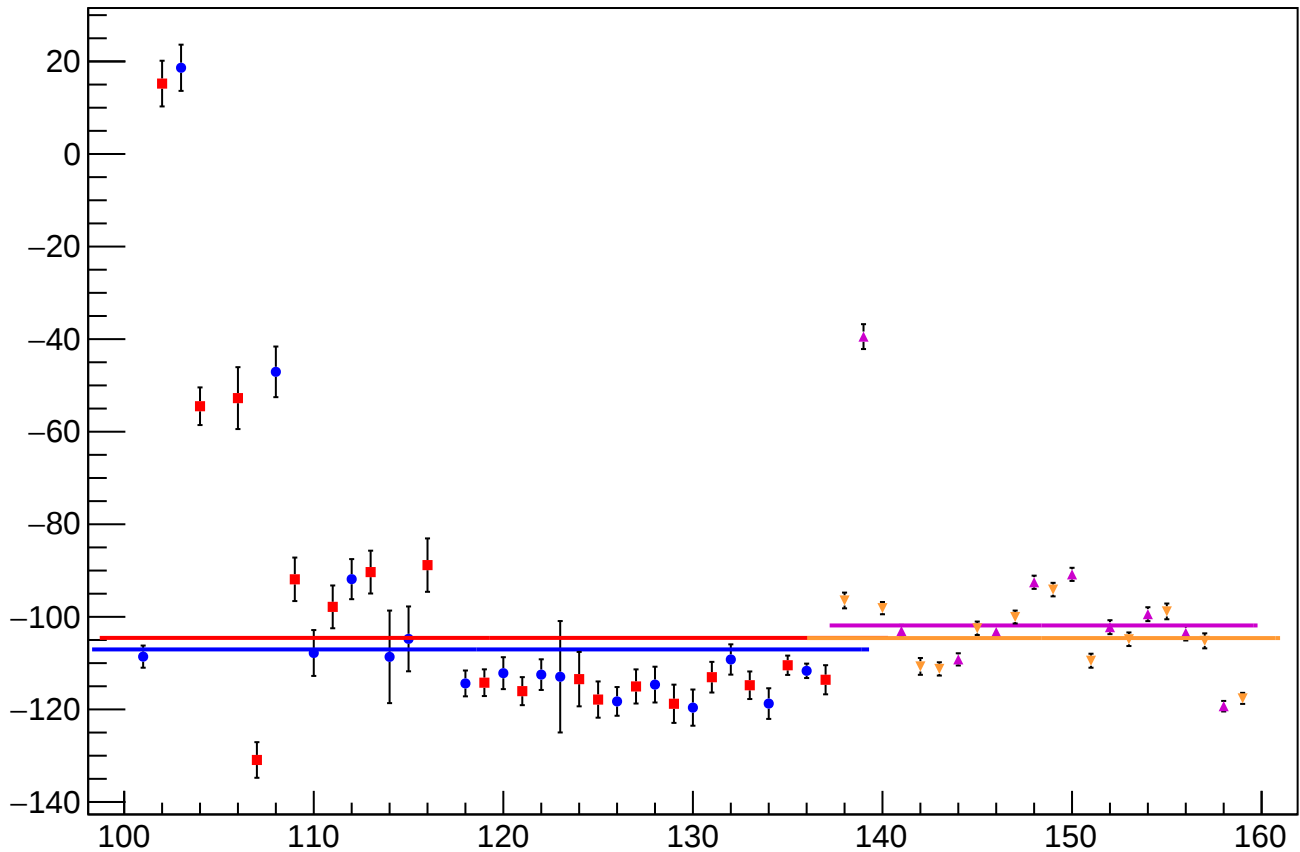
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -98.575 ± 0.510 $\chi^2/\text{NDF}: 210.1/11$
 Right Out: -61.350 ± 1.383 $\chi^2/\text{NDF}: 158.4/17$
 Left In: -100.499 ± 0.539 $\chi^2/\text{NDF}: 250.8/9$

Left: -99.484 ± 0.371 $\chi^2/\text{NDF}: 467.7/21$
 Right: -61.809 ± 0.952 $\chi^2/\text{NDF}: 225.9/34$
 In: -94.963 ± 0.499 $\chi^2/\text{NDF}: 1046.6/26$
 Out: -94.114 ± 0.479 $\chi^2/\text{NDF}: 1006.4/29$
 All: -94.521 ± 0.345 $\chi^2/\text{NDF}: 2054.5/56$

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: -104.588 ± 0.427 χ^2/NDF : 284.6/11

Right Out: -104.550 ± 0.861 χ^2/NDF : 967.4/17

Left In: -101.861 ± 0.458 χ^2/NDF : 912.3/9

Left: -103.319 ± 0.312 χ^2/NDF : 1215.9/21

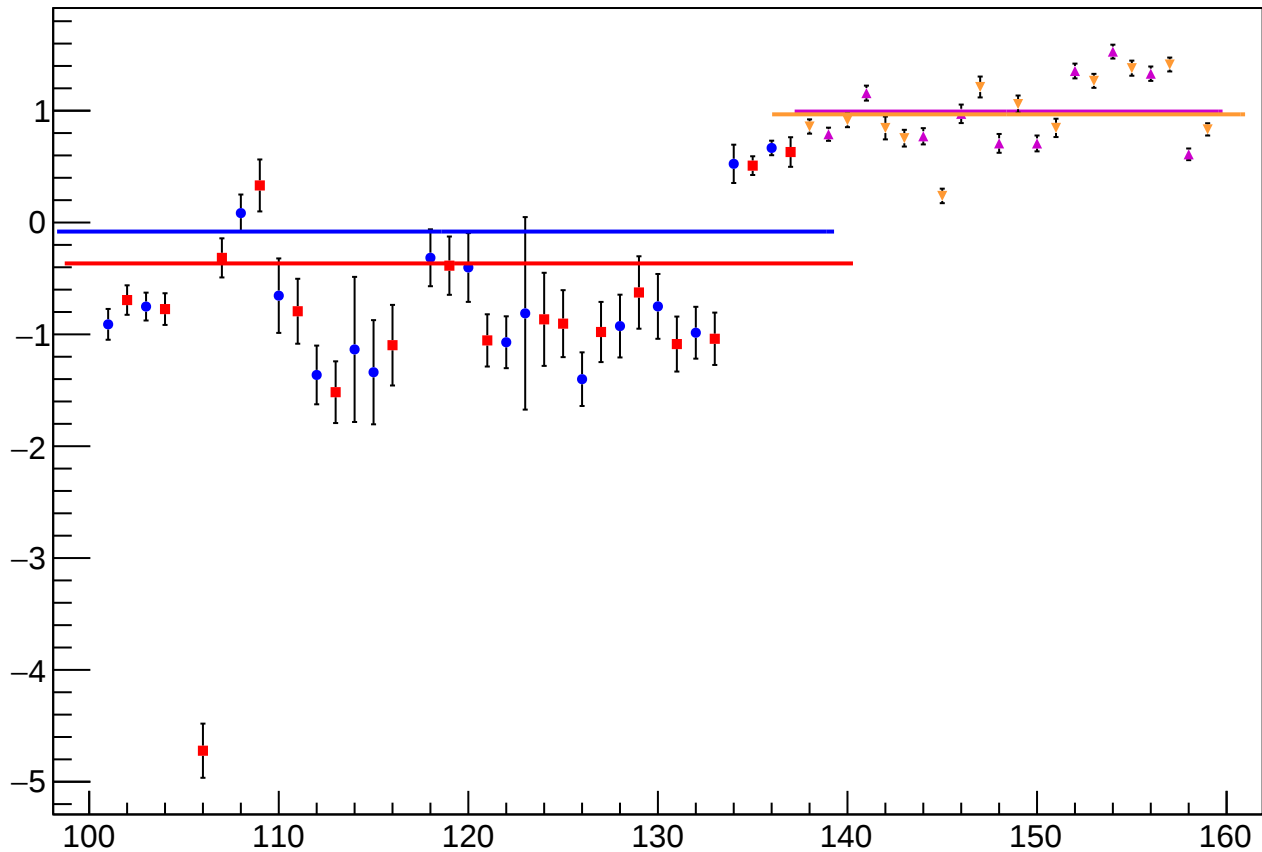
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -103.110 ± 0.399 χ^2/NDF : 1771.0/26

Out: -104.580 ± 0.383 χ^2/NDF : 1252.0/29

All: -103.876 ± 0.276 χ^2/NDF : 3030.1/56

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: 0.967 ± 0.020 χ^2/NDF : 267.9/11

Right Out: -0.366 ± 0.044 χ^2/NDF : 572.8/17

Left In: 0.992 ± 0.021 χ^2/NDF : 240.8/9

Left: 0.979 ± 0.014 χ^2/NDF : 509.5/21

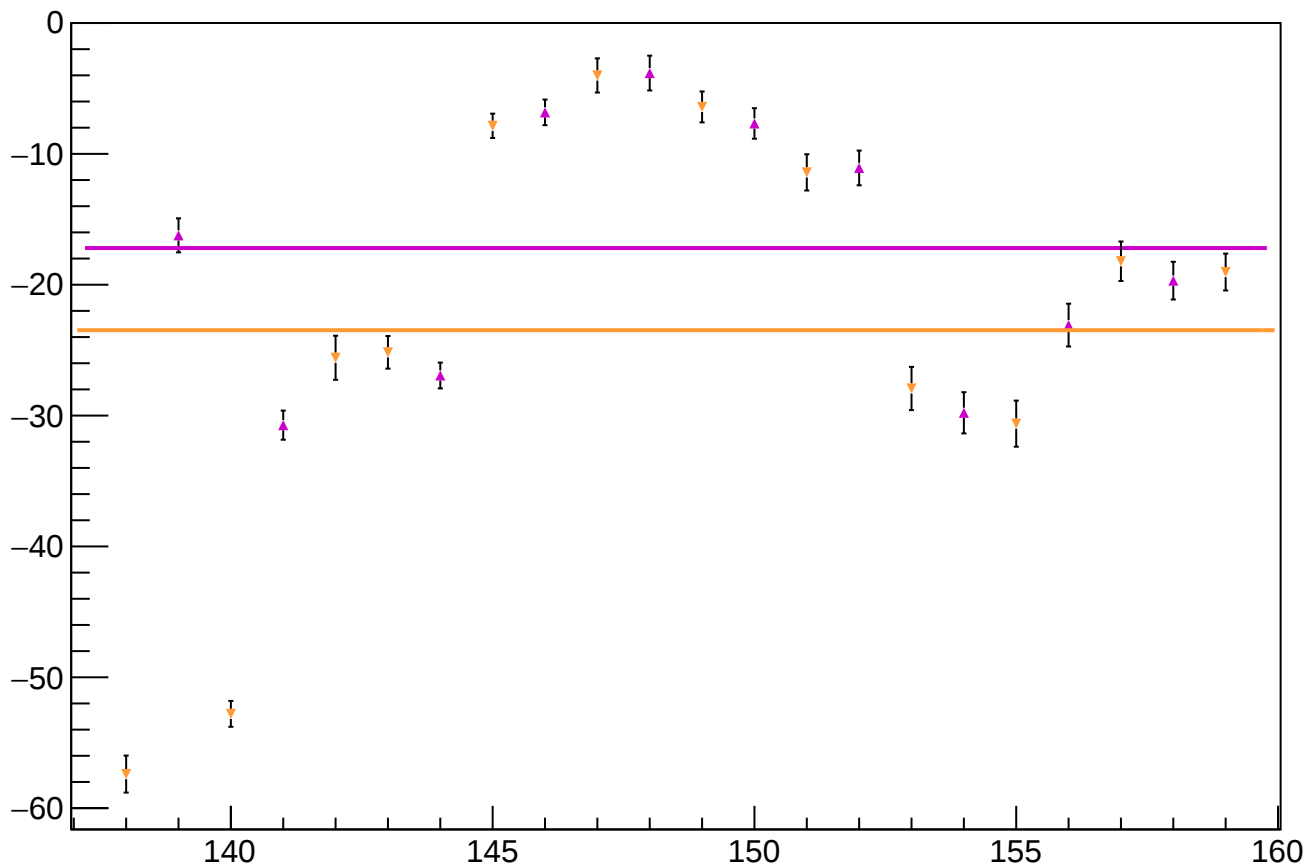
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.780 ± 0.019 χ^2/NDF : 1088.7/26

Out: 0.740 ± 0.018 χ^2/NDF : 1602.1/29

All: 0.760 ± 0.013 χ^2/NDF : 2693.2/56

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: -23.476+/-0.374 χ^2/NDF :2291.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -17.196+/-0.389 χ^2/NDF :626.8/9

Left: -20.459+/-0.270 χ^2/NDF : 3052.9/21

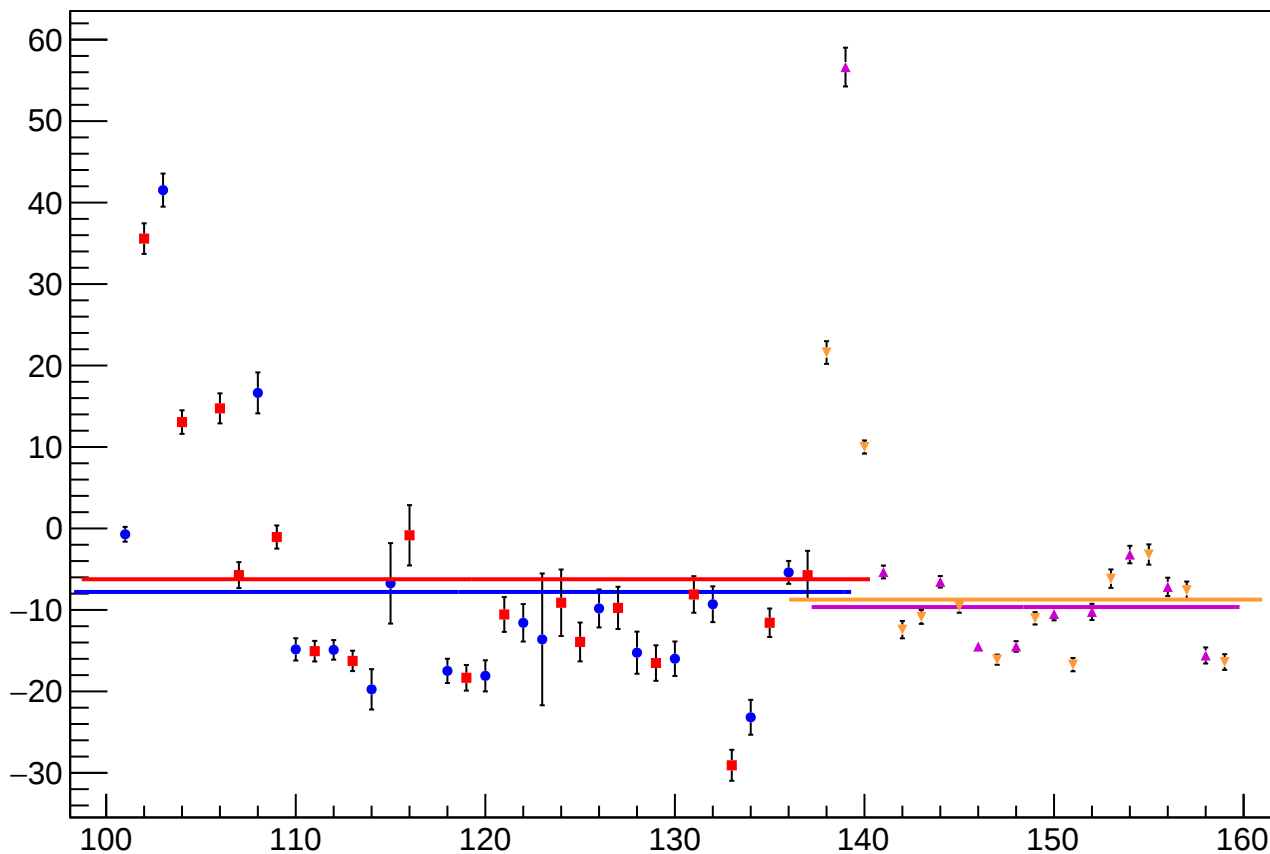
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.196+/-0.389 χ^2/NDF :626.8/9

Out: -23.476+/-0.374 χ^2/NDF :2291.0/11

All: -20.459+/-0.270 χ^2/NDF : 3052.9/21

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: -9.172 ± 0.185 $\chi^2/\text{NDF}: 2389.9/21$

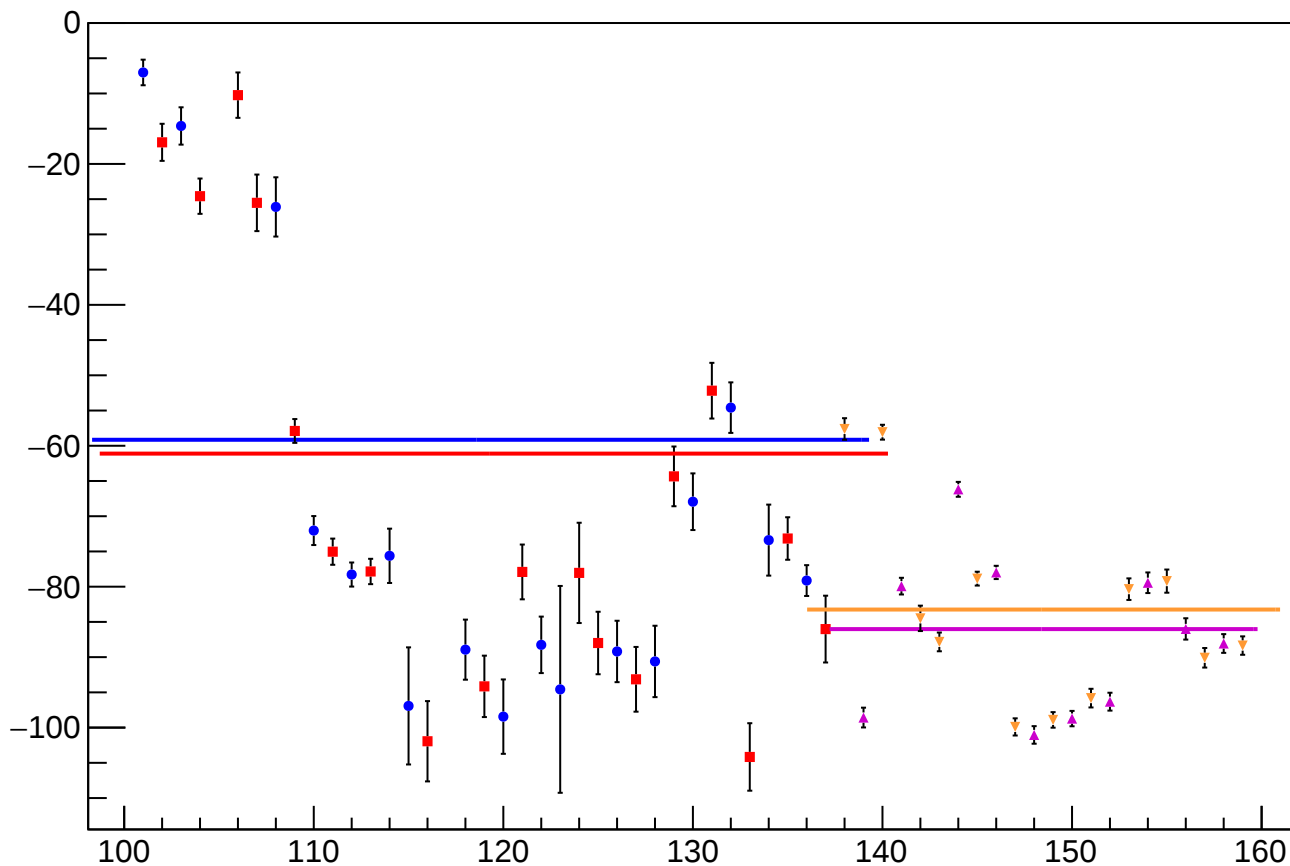
Right: -7.016 ± 0.303 $\chi^2/\text{NDF}: 2172.3/34$

In: -9.129 ± 0.226 $\chi^2/\text{NDF}: 2016.5/26$

Out: -8.075 ± 0.220 $\chi^2/\text{NDF}: 2571.5/29$

All: -8.588 ± 0.158 $\chi^2/\text{NDF}: 4599.1/56$

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: -83.245+/-0.373 χ^2/NDF :1408.9/11

Right Out: -61.113+/-0.708 χ^2/NDF : 1317.8/17

Left In: -86.020+/-0.383 χ^2/NDF :900.3/9

Left: -84.595+/-0.267 χ^2/NDF : 2336.2/21

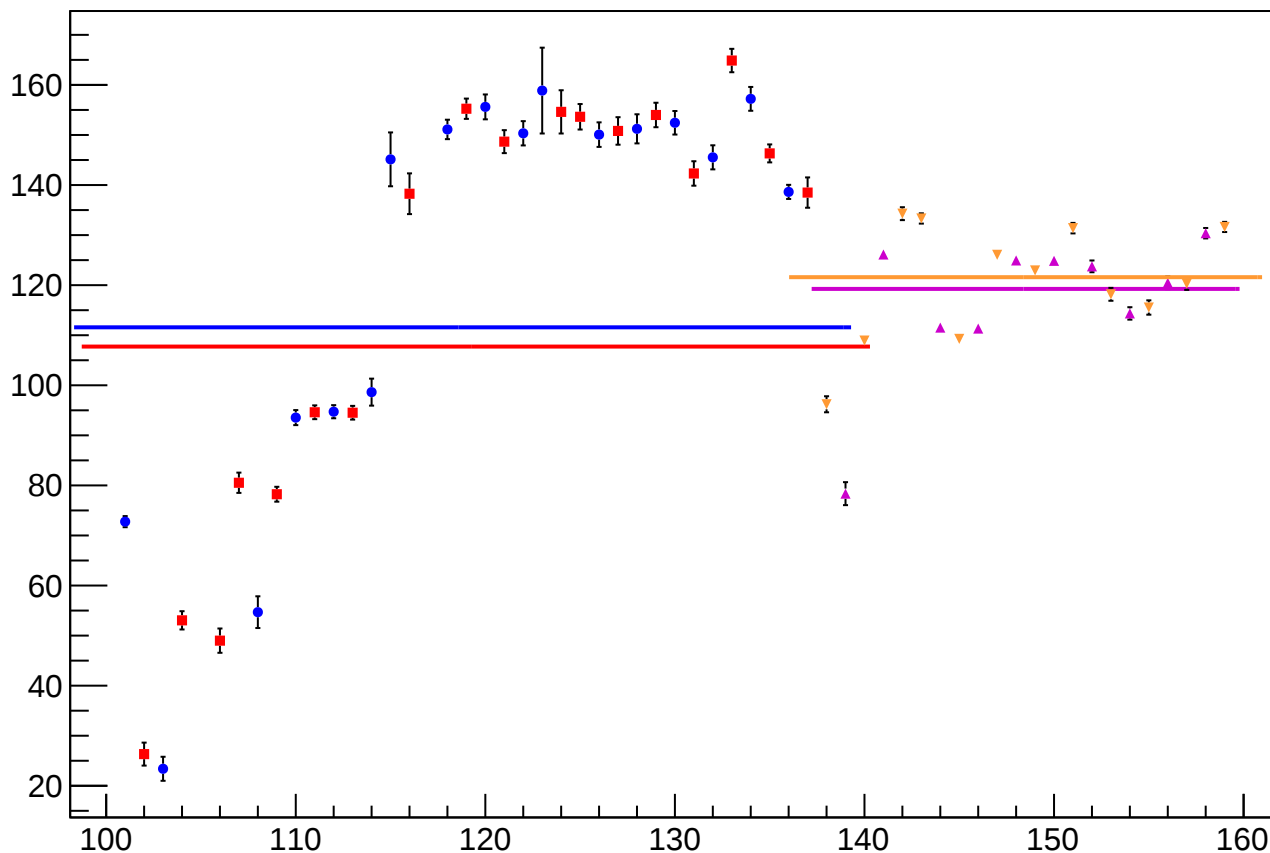
Right: -60.182+/-0.513 χ^2/NDF : 3039.8/34

In: -80.407+/-0.341 χ^2/NDF :3647.1/26

Out: -78.439+/-0.330 χ^2/NDF :3492.2/29

All: -79.391+/-0.237 χ^2/NDF : 7156.5/56

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 111.580 $\pm$ 0.487 χ^2 /NDF: 5946.0/16

Left Out: 121.595 $\pm$ 0.309 χ^2 /NDF:1084.0/11

Right Out: 107.735 $\pm$ 0.489 χ^2 /NDF: 6836.2/17

Left In: 119.252 $\pm$ 0.321 χ^2 /NDF:783.7/9

Left: 120.467 $\pm$ 0.222 χ^2 /NDF: 1895.5/21

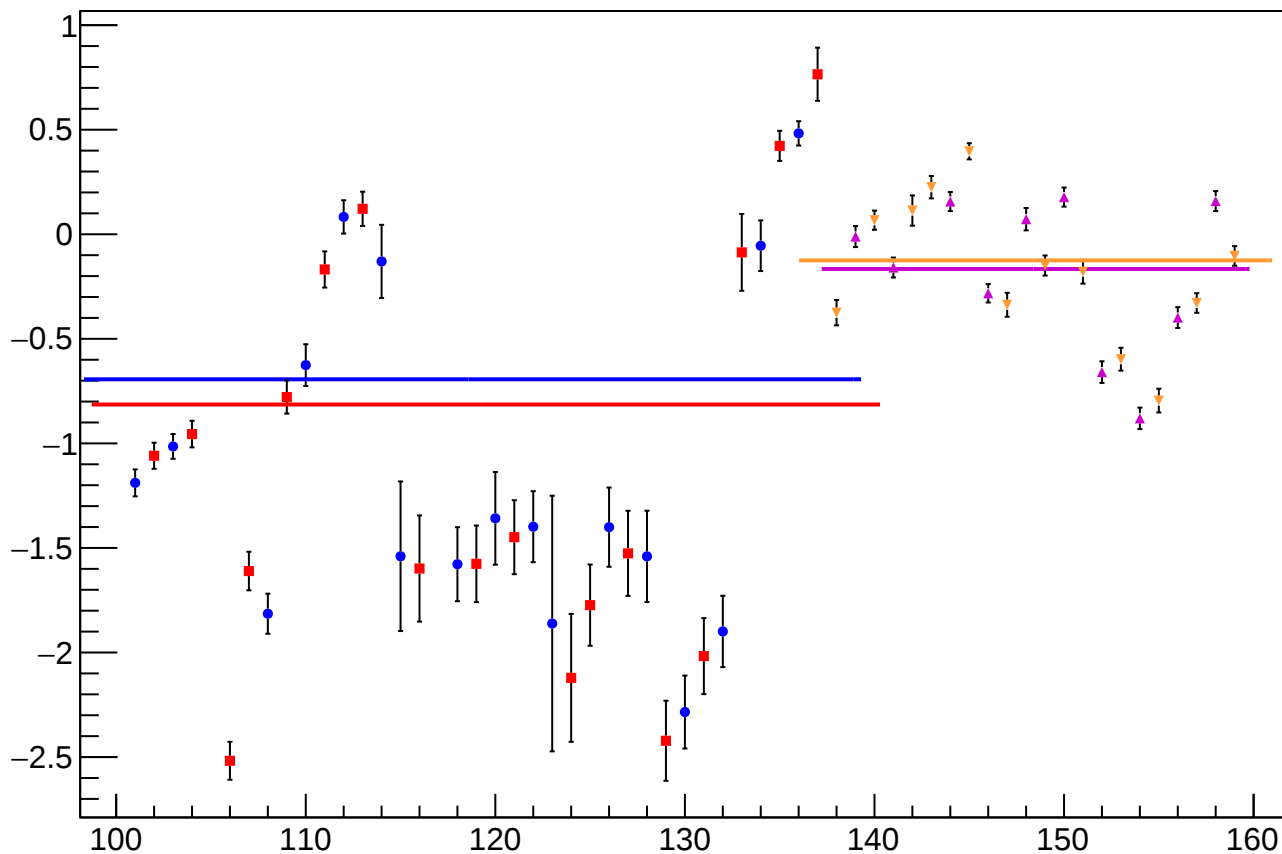
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 116.937 $\pm$ 0.268 χ^2 /NDF:6902.6/26

Out: 117.637 $\pm$ 0.261 χ^2 /NDF:8495.2/29

All: 117.296 $\pm$ 0.187 χ^2 /NDF: 15401.3/56

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: -0.125 ± 0.015 χ^2/NDF : 518.8/11

Right Out: -0.814 ± 0.024 χ^2/NDF : 1308.8/17

Left In: -0.166 ± 0.015 χ^2/NDF : 495.8/9

Left: -0.145 ± 0.011 χ^2/NDF : 1018.3/21

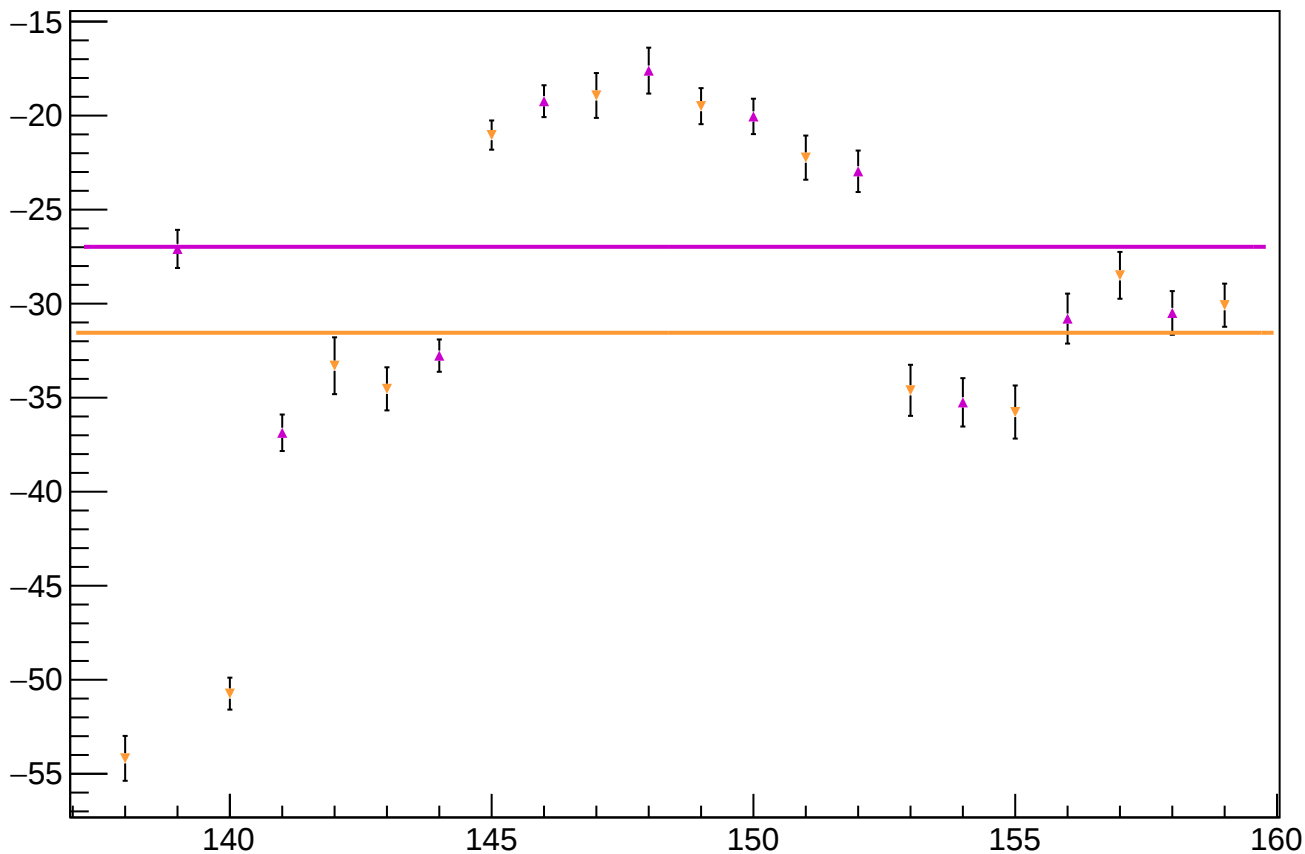
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.304 ± 0.013 χ^2/NDF : 1795.4/26

Out: -0.309 ± 0.013 χ^2/NDF : 2407.7/29

All: -0.307 ± 0.009 χ^2/NDF : 4203.1/56

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



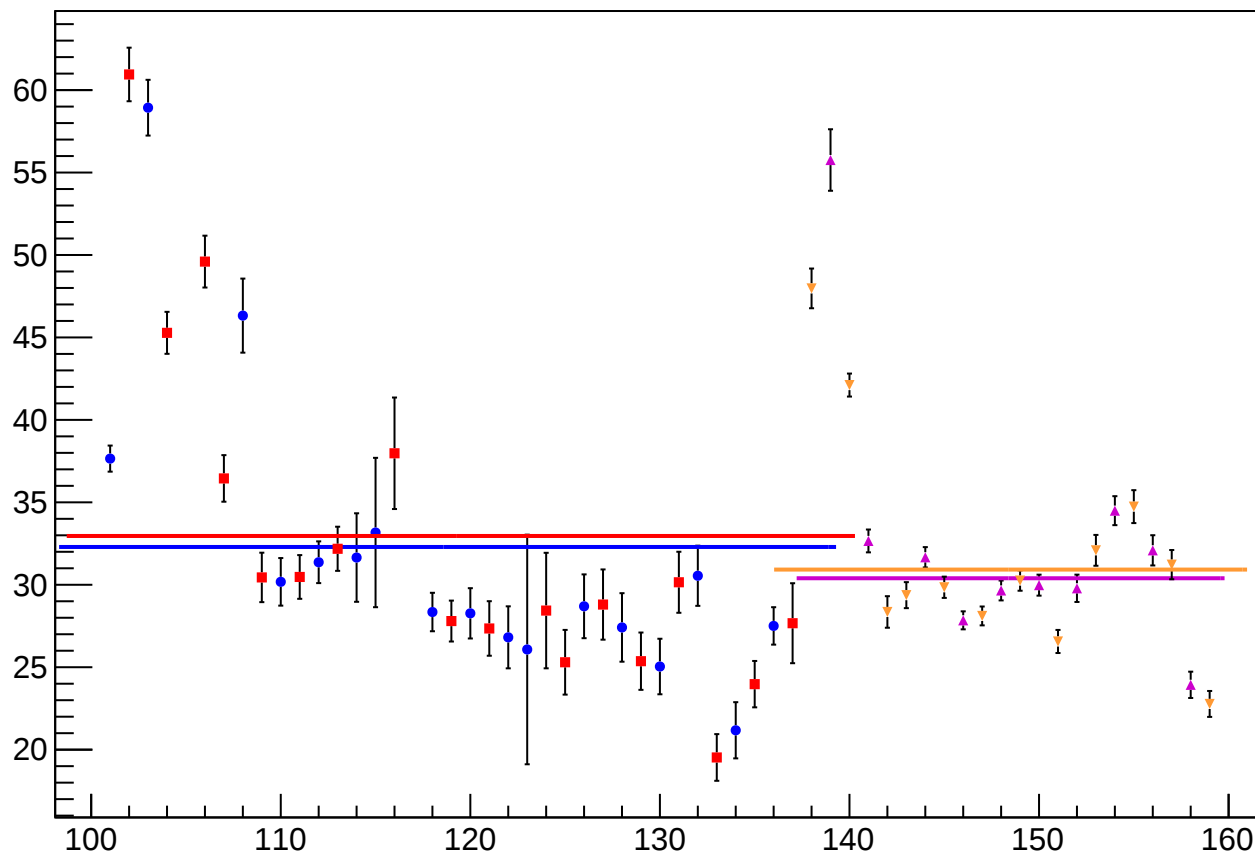
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.548+/-0.318 χ^2/NDF :1415.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.977+/-0.328 χ^2/NDF :418.0/9

Left: -29.333+/-0.228 χ^2/NDF : 1933.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.977+/-0.328 χ^2/NDF :418.0/9
 Out: -31.548+/-0.318 χ^2/NDF :1415.3/11

All: -29.333+/-0.228 χ^2/NDF : 1933.6/21

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: 30.922 ± 0.220 $\chi^2/\text{NDF}: 659.5/11$

Right Out: 32.960 ± 0.380 $\chi^2/\text{NDF}: 724.0/17$

Left In: 30.395 ± 0.229 $\chi^2/\text{NDF}: 315.0/9$

Left: 30.669 ± 0.159 $\chi^2/\text{NDF}: 977.3/21$

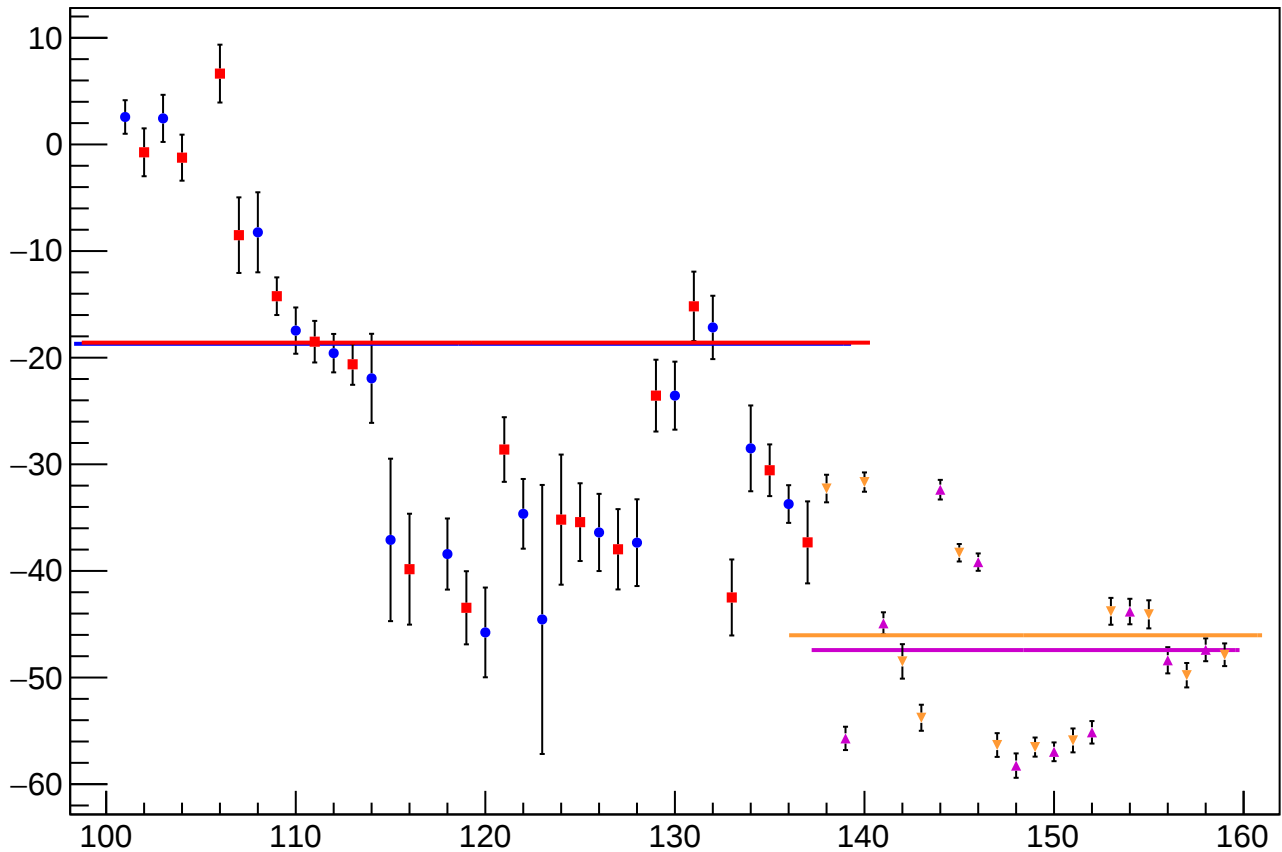
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 30.914 ± 0.195 $\chi^2/\text{NDF}: 786.4/26$

Out: 31.435 ± 0.191 $\chi^2/\text{NDF}: 1405.1/29$

All: 31.181 ± 0.136 $\chi^2/\text{NDF}: 2195.1/56$

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: -46.035 ± 0.315 $\chi^2/\text{NDF}: 815.3/11$

Right Out: -18.590 ± 0.648 $\chi^2/\text{NDF}: 461.3/17$

Left In: -47.424 ± 0.322 $\chi^2/\text{NDF}: 703.2/9$

Left: -46.715 ± 0.225 $\chi^2/\text{NDF}: 1528.0/21$

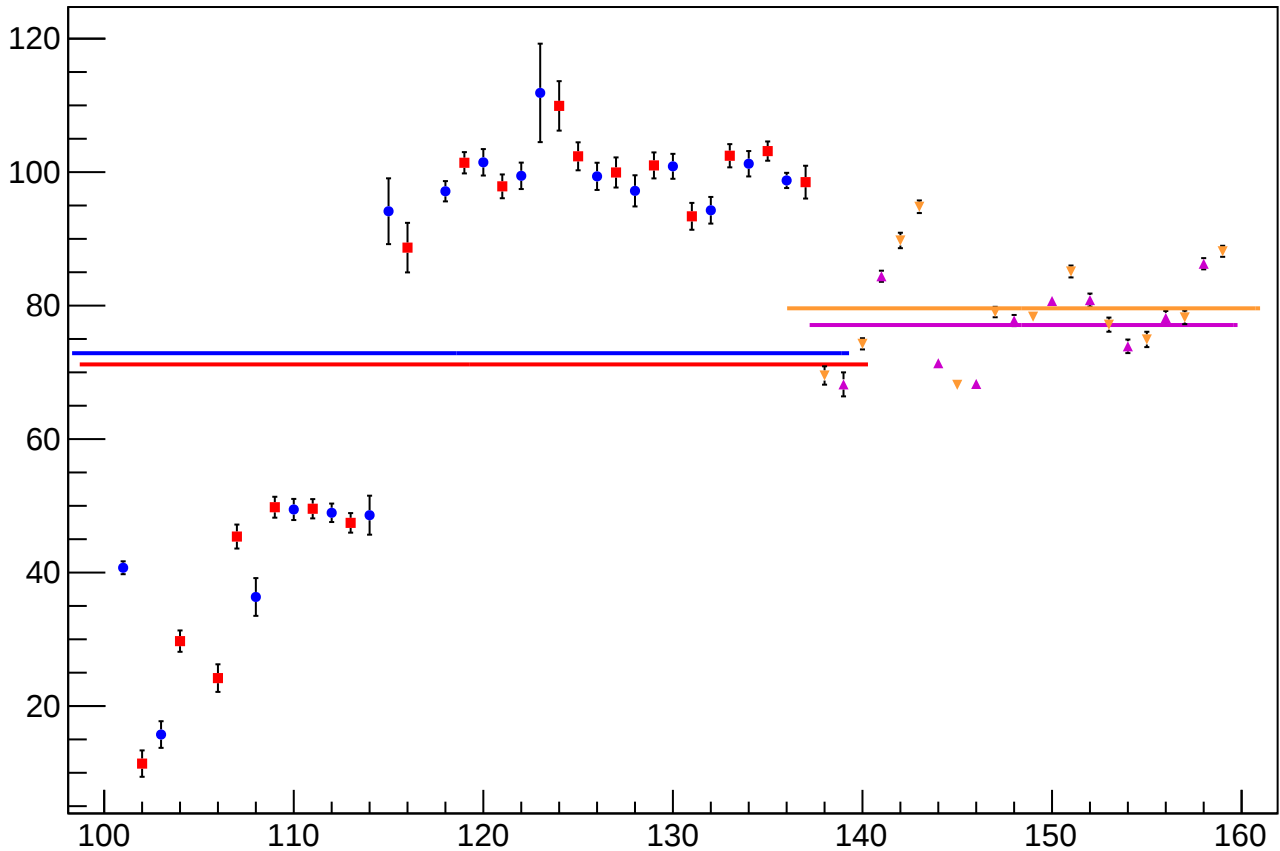
Right: -18.643 ± 0.464 $\chi^2/\text{NDF}: 980.4/34$

In: -41.989 ± 0.290 $\chi^2/\text{NDF}: 2728.1/26$

Out: -40.774 ± 0.284 $\chi^2/\text{NDF}: 2728.6/29$

All: -41.368 ± 0.203 $\chi^2/\text{NDF}: 5465.7/56$

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: 79.594+/-0.264 χ^2/NDF : 841.4/11

Right Out: 71.190+/-0.434 χ^2/NDF : 5375.1/17

Left In: 77.091+/-0.273 χ^2/NDF : 503.0/9

Left: 78.386+/-0.190 χ^2/NDF : 1388.0/21

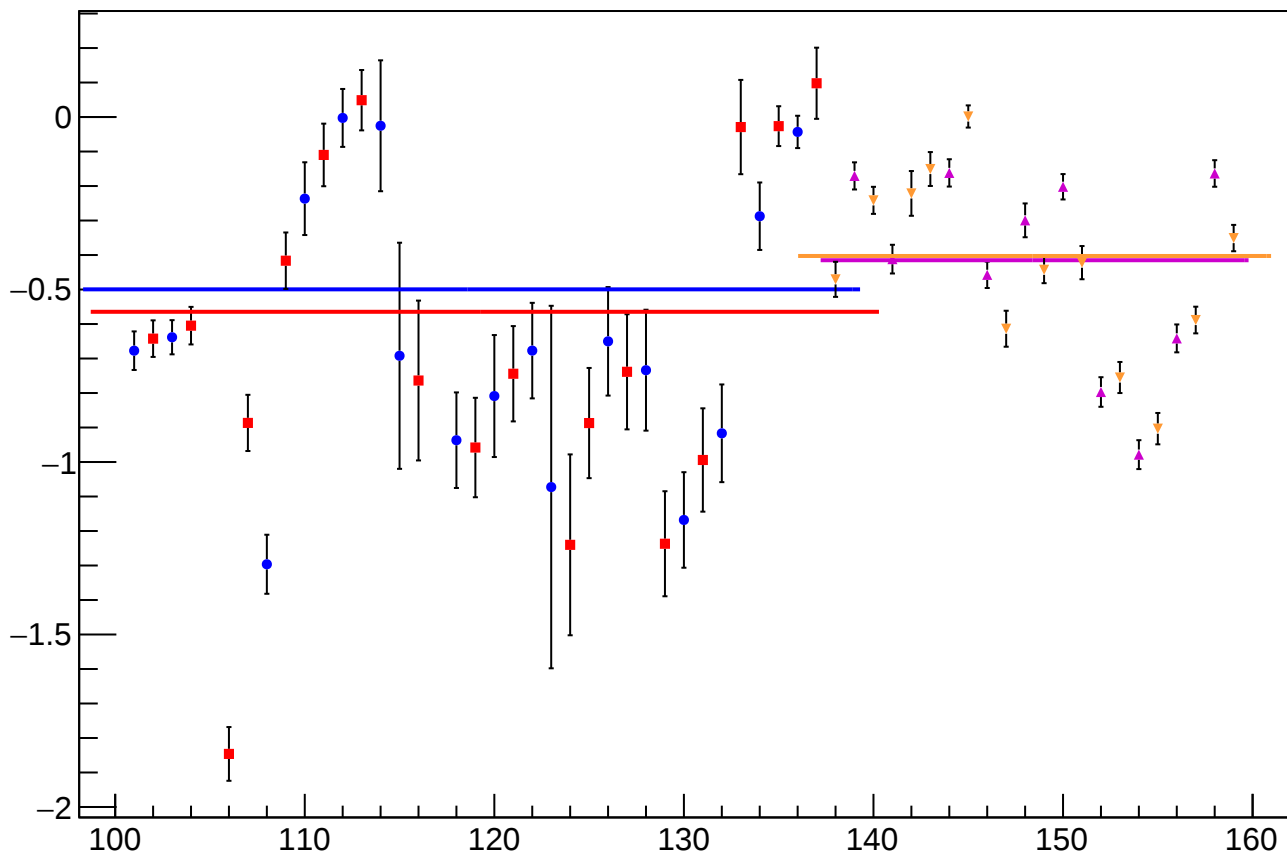
Right: 72.045+/-0.304 χ^2/NDF : 10109.9/34

In: 75.867+/-0.230 χ^2/NDF : 5299.6/26

Out: 77.331+/-0.225 χ^2/NDF : 6490.5/29

All: 76.613+/-0.161 χ^2/NDF : 11810.8/56

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: -0.403 ± 0.012 χ^2/NDF : 435.6/11

Right Out: -0.565 ± 0.022 χ^2/NDF : 559.4/17

Left In: -0.415 ± 0.013 χ^2/NDF : 453.9/9

Left: -0.409 ± 0.009 χ^2/NDF : 890.0/21

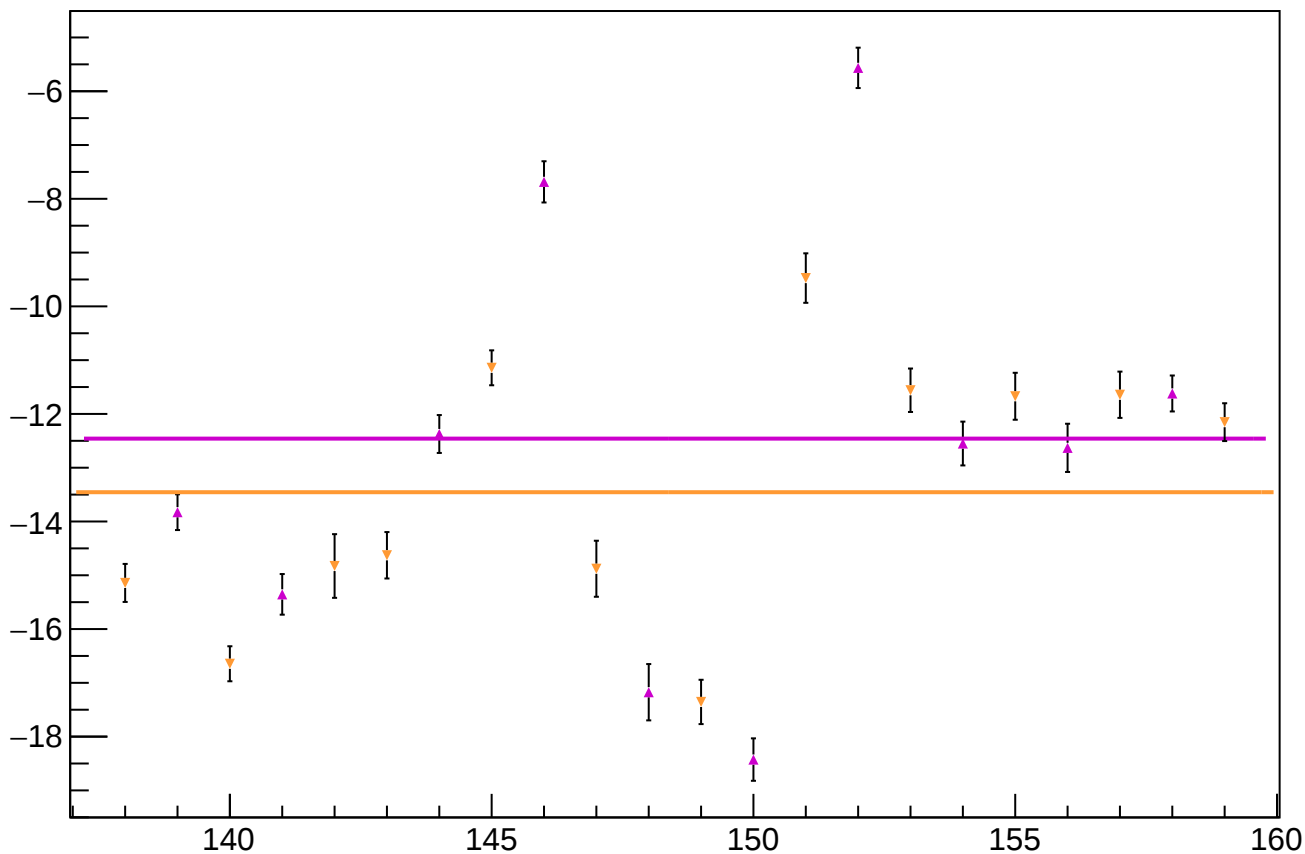
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.436 ± 0.011 χ^2/NDF : 767.3/26

Out: -0.443 ± 0.011 χ^2/NDF : 1037.3/29

All: -0.440 ± 0.008 χ^2/NDF : 1804.8/56

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: -13.455 $\pm$ 0.116 χ^2 /NDF:424.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -12.459 $\pm$ 0.121 χ^2 /NDF:884.3/9

Left: -12.979 $\pm$ 0.084 χ^2 /NDF: 1344.1/21

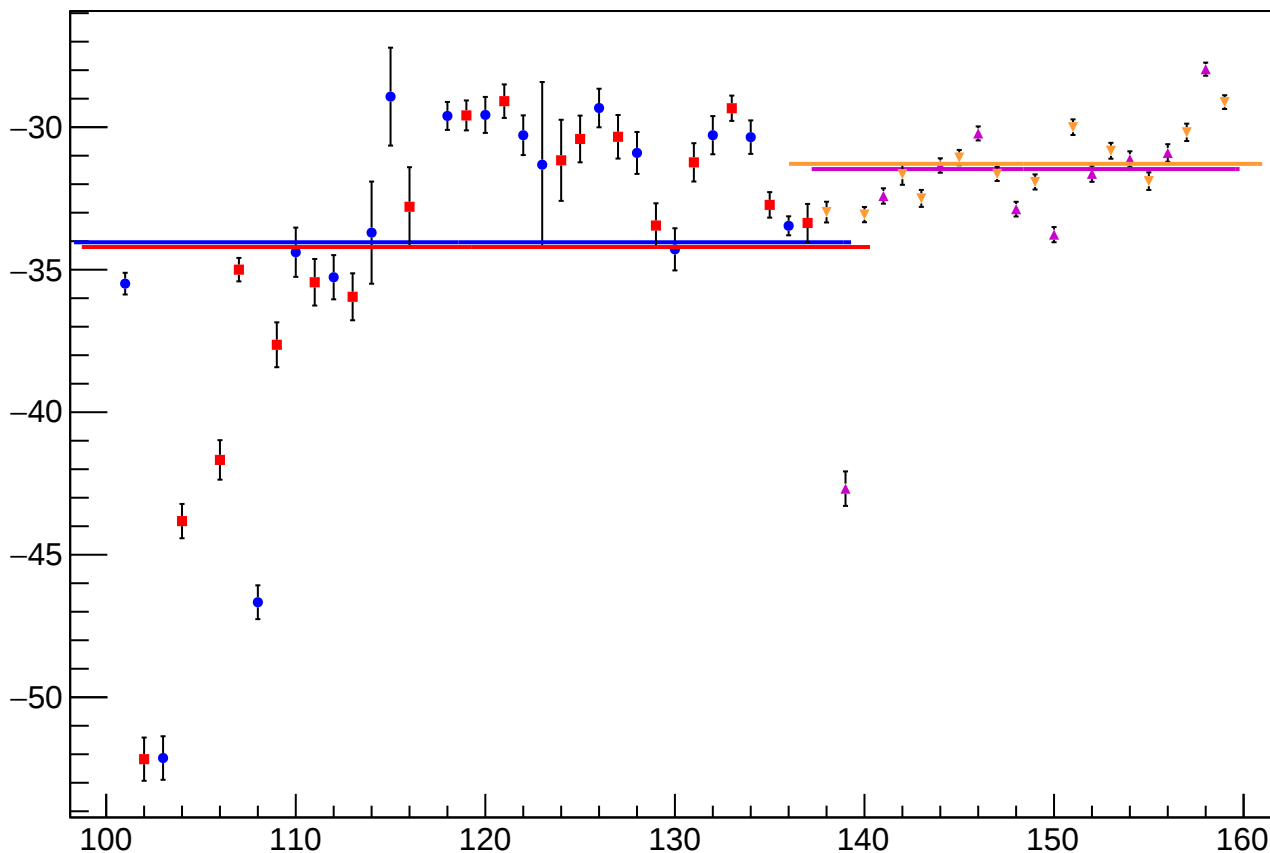
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -12.459 $\pm$ 0.121 χ^2 /NDF:884.3/9

Out: -13.455 $\pm$ 0.116 χ^2 /NDF:424.5/11

All: -12.979 $\pm$ 0.084 χ^2 /NDF: 1344.1/21

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 $\chi^2/\text{NDF}: 1342.9/16$

Left Out: -31.286 ± 0.082 $\chi^2/\text{NDF}: 213.8/11$

Right Out: -34.205 ± 0.151 $\chi^2/\text{NDF}: 1320.7/17$

Left In: -31.470 ± 0.087 $\chi^2/\text{NDF}: 721.8/9$

Left: -31.373 ± 0.060 $\chi^2/\text{NDF}: 937.9/21$

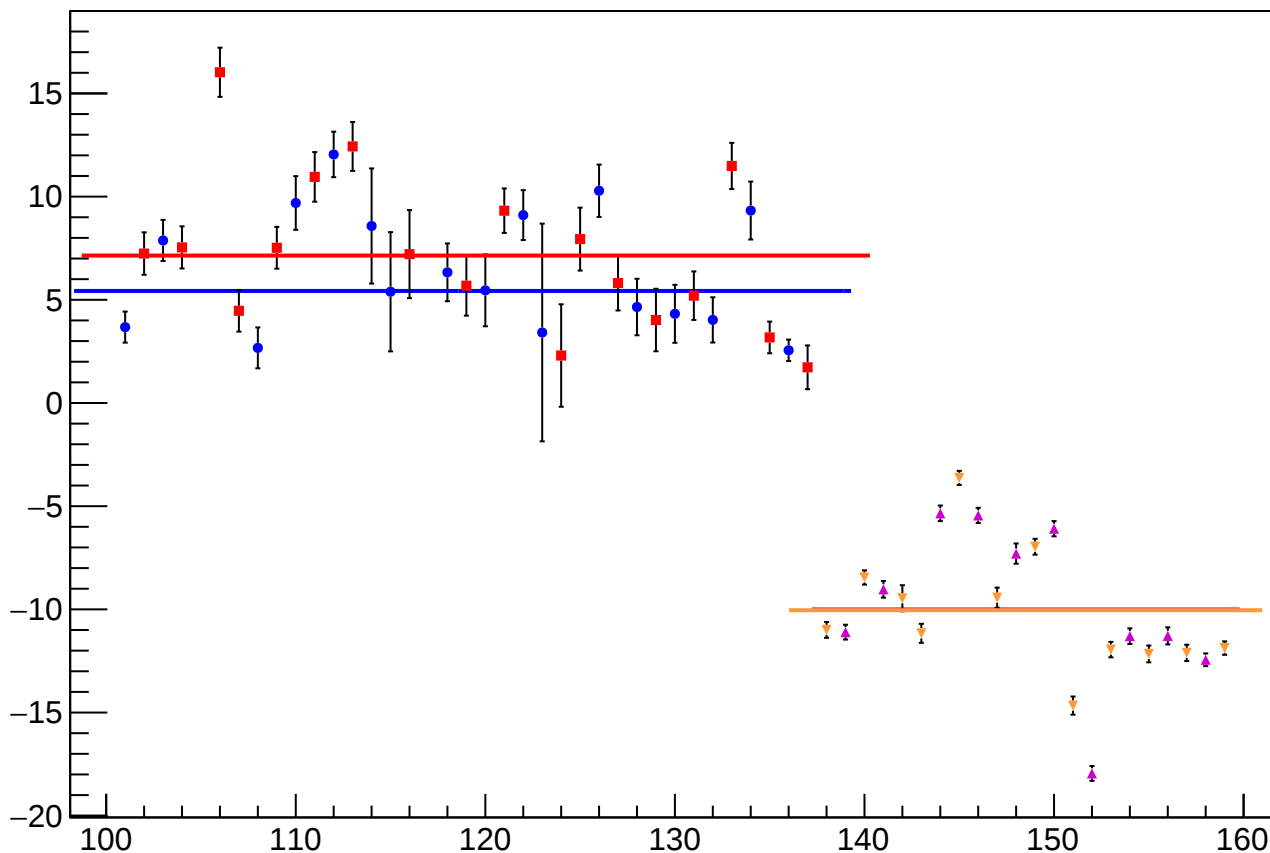
Right: -34.121 ± 0.107 $\chi^2/\text{NDF}: 2664.3/34$

In: -32.110 ± 0.075 $\chi^2/\text{NDF}: 2282.3/26$

Out: -31.953 ± 0.072 $\chi^2/\text{NDF}: 1823.5/29$

All: -32.028 ± 0.052 $\chi^2/\text{NDF}: 4108.0/56$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 $\chi^2/\text{NDF}: 132.6/16$

Left Out: -10.041 ± 0.115 $\chi^2/\text{NDF}: 670.6/11$

Right Out: 7.144 ± 0.275 $\chi^2/\text{NDF}: 177.9/17$

Left In: -10.003 ± 0.119 $\chi^2/\text{NDF}: 1036.6/9$

Left: -10.023 ± 0.083 $\chi^2/\text{NDF}: 1707.2/21$

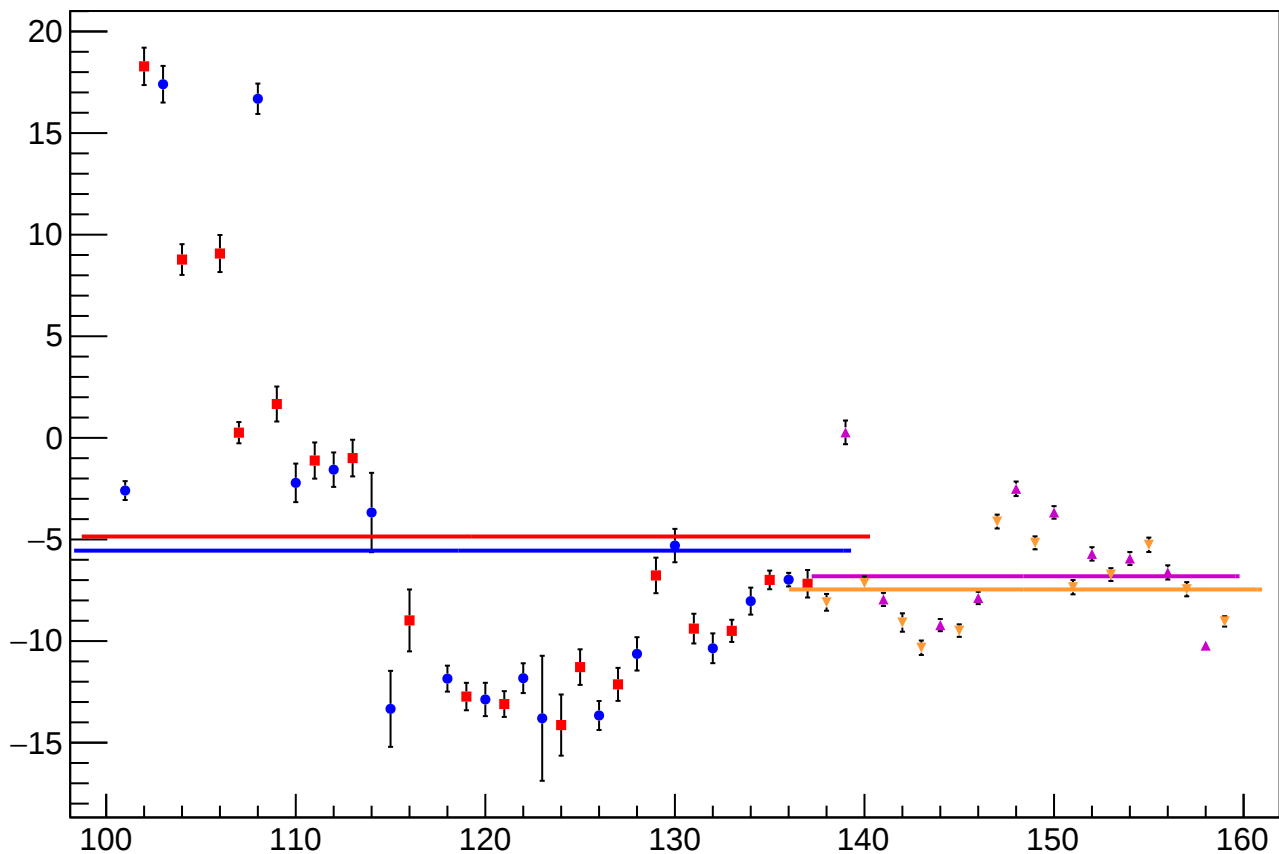
Right: 6.271 ± 0.193 $\chi^2/\text{NDF}: 330.3/34$

In: -7.498 ± 0.109 $\chi^2/\text{NDF}: 3907.9/26$

Out: -7.490 ± 0.106 $\chi^2/\text{NDF}: 4175.7/29$

All: -7.494 ± 0.076 $\chi^2/\text{NDF}: 8083.6/56$

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: -7.460 ± 0.097 χ^2/NDF : 352.9/11

Right Out: -4.854 ± 0.173 χ^2/NDF : 2013.1/17

Left In: -6.811 ± 0.102 χ^2/NDF : 700.8/9

Left: -7.152 ± 0.070 χ^2/NDF : 1075.1/21

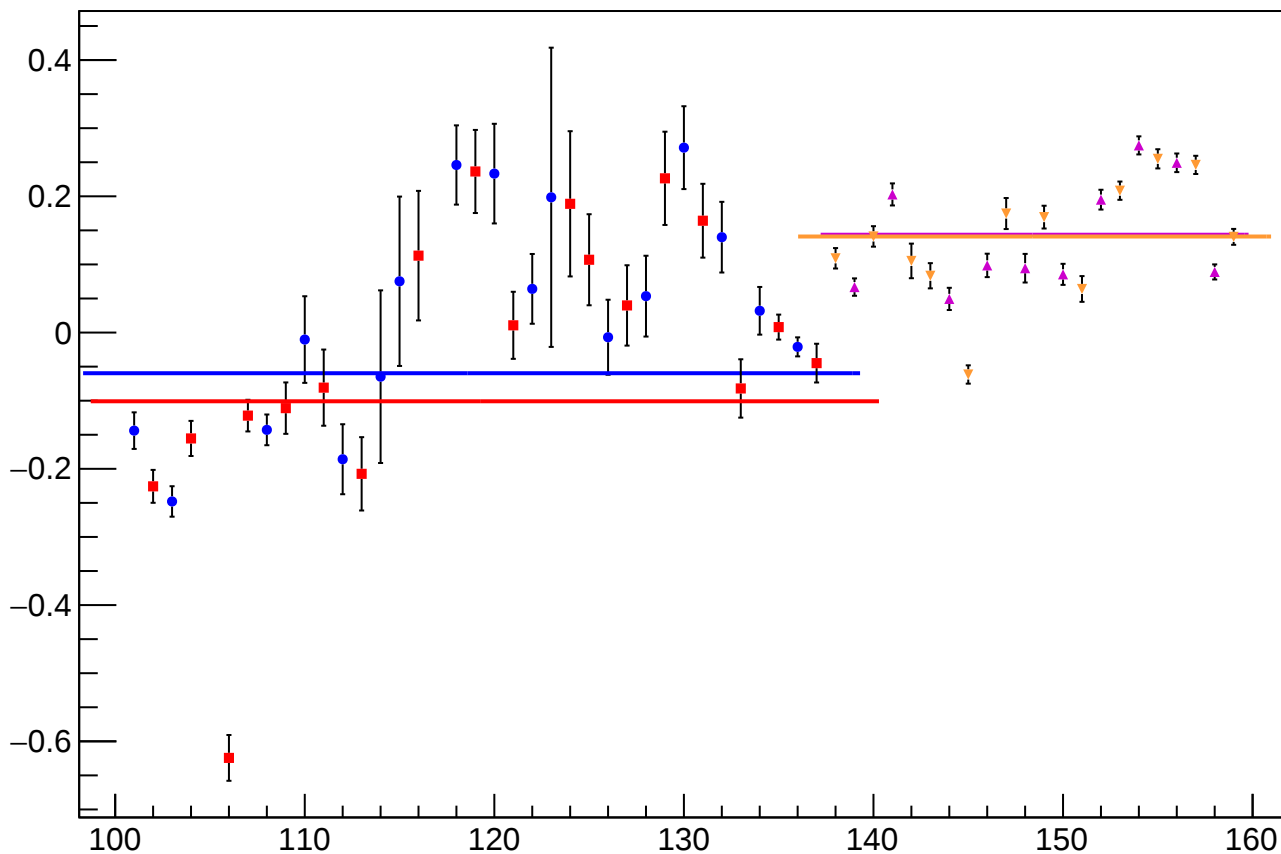
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.478 ± 0.087 χ^2/NDF : 2867.9/26

Out: -6.838 ± 0.084 χ^2/NDF : 2539.1/29

All: -6.664 ± 0.061 χ^2/NDF : 5415.8/56

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: 0.141 ± 0.004 χ^2/NDF : 417.4/11

Right Out: -0.101 ± 0.008 χ^2/NDF : 428.4/17

Left In: 0.144 ± 0.005 χ^2/NDF : 303.7/9

Left: 0.142 ± 0.003 χ^2/NDF : 721.3/21

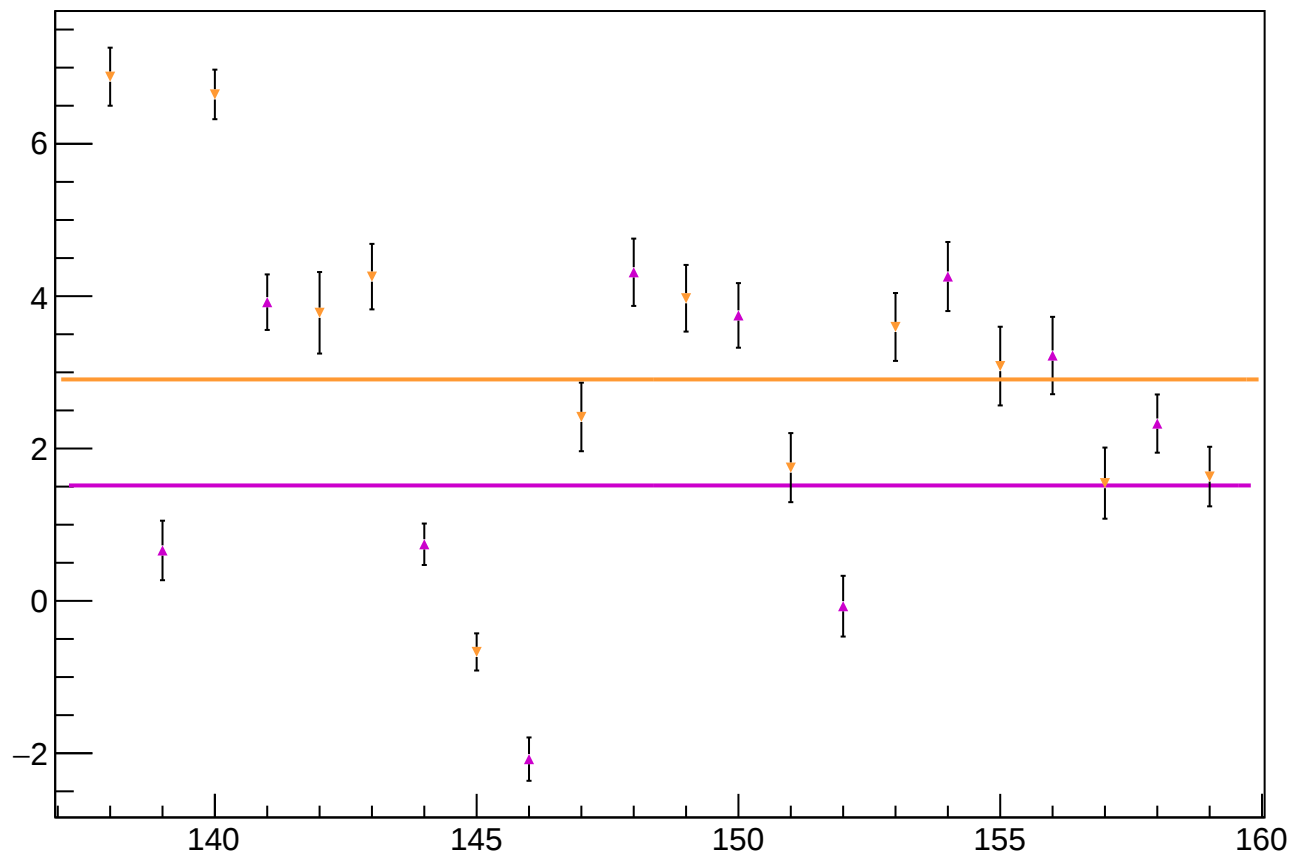
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.097 ± 0.004 χ^2/NDF : 971.7/26

Out: 0.089 ± 0.004 χ^2/NDF : 1488.6/29

All: 0.093 ± 0.003 χ^2/NDF : 2462.4/56

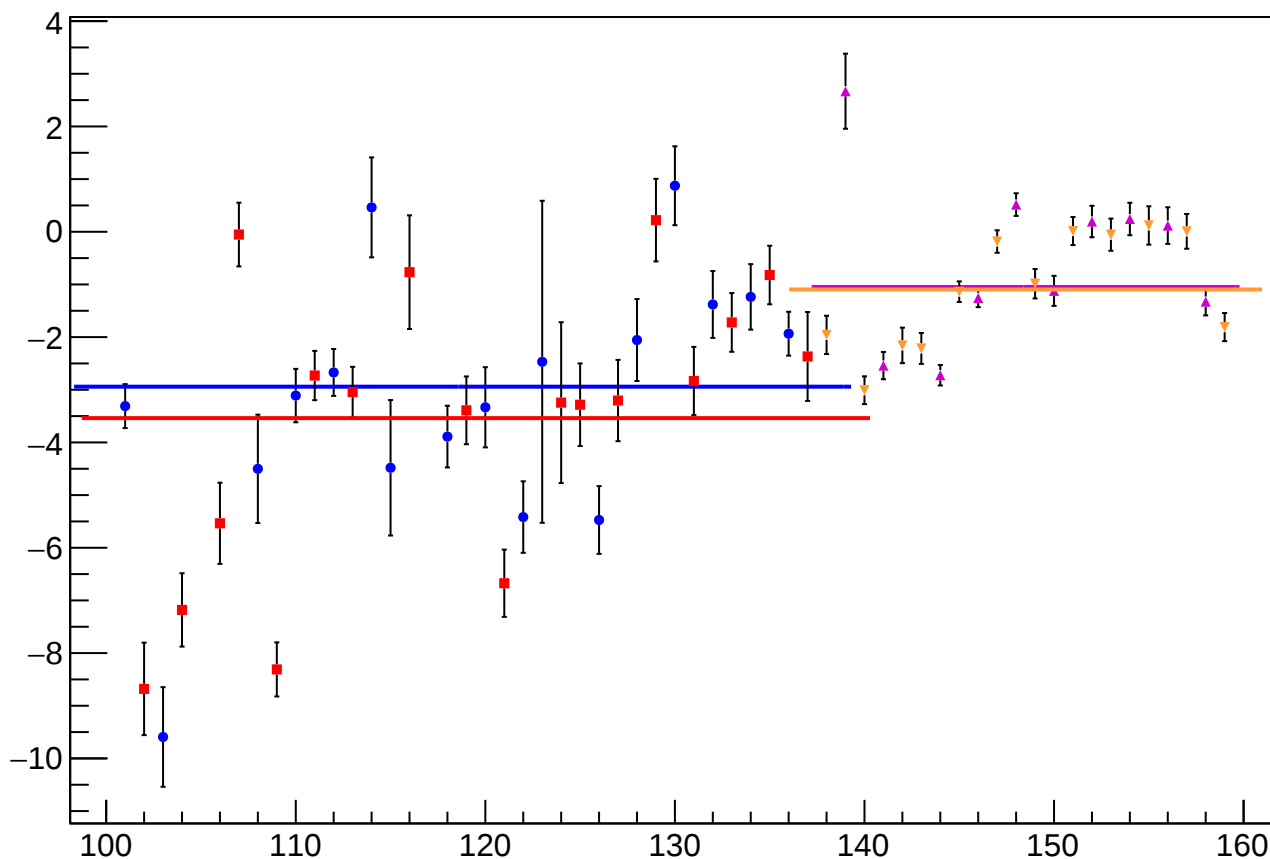
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: 2.907 ± 0.114 $\chi^2/\text{NDF}: 504.0/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: 1.515 ± 0.117 $\chi^2/\text{NDF}: 351.8/9$

Left: 2.232 ± 0.082 $\chi^2/\text{NDF}: 928.2/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: 1.515 ± 0.117 $\chi^2/\text{NDF}: 351.8/9$
 Out: 2.907 ± 0.114 $\chi^2/\text{NDF}: 504.0/11$
 All: 2.232 ± 0.082 $\chi^2/\text{NDF}: 928.2/21$

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: -1.096 ± 0.079 χ^2/NDF : 159.4/11

Right Out: -3.538 ± 0.155 χ^2/NDF : 283.6/17

Left In: -1.049 ± 0.080 χ^2/NDF : 236.3/9

Left: -1.073 ± 0.057 χ^2/NDF : 395.8/21

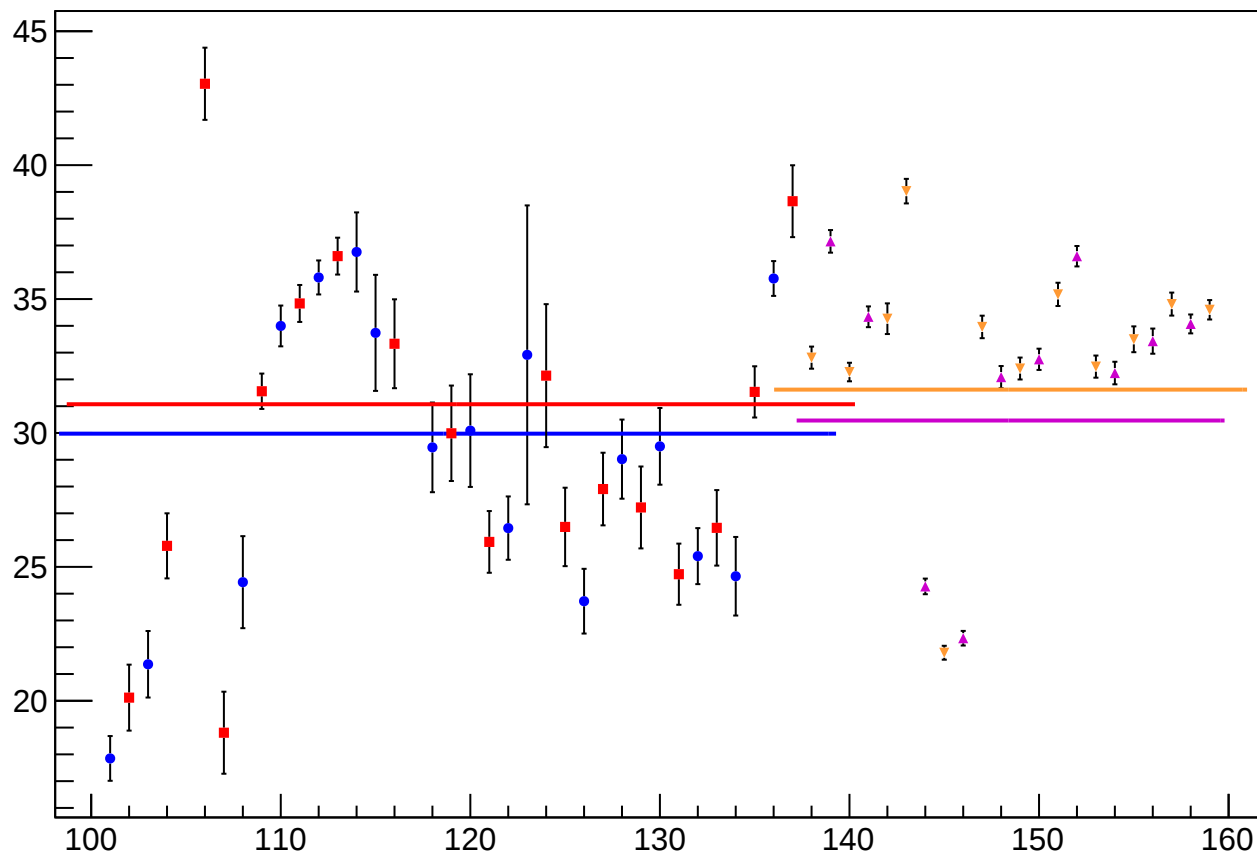
Right: -3.239 ± 0.109 χ^2/NDF : 436.6/34

In: -1.453 ± 0.071 χ^2/NDF : 500.3/26

Out: -1.606 ± 0.071 χ^2/NDF : 640.3/29

All: -1.530 ± 0.050 χ^2/NDF : 1142.9/56

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: 31.619 $\pm$ 0.114 χ^2 /NDF: 1969.9/11

Right Out: 31.073 $\pm$ 0.260 χ^2 /NDF: 453.4/17

Left In: 30.465 $\pm$ 0.116 χ^2 /NDF: 2157.2/9

Left: 31.051 $\pm$ 0.081 χ^2 /NDF: 4177.5/21

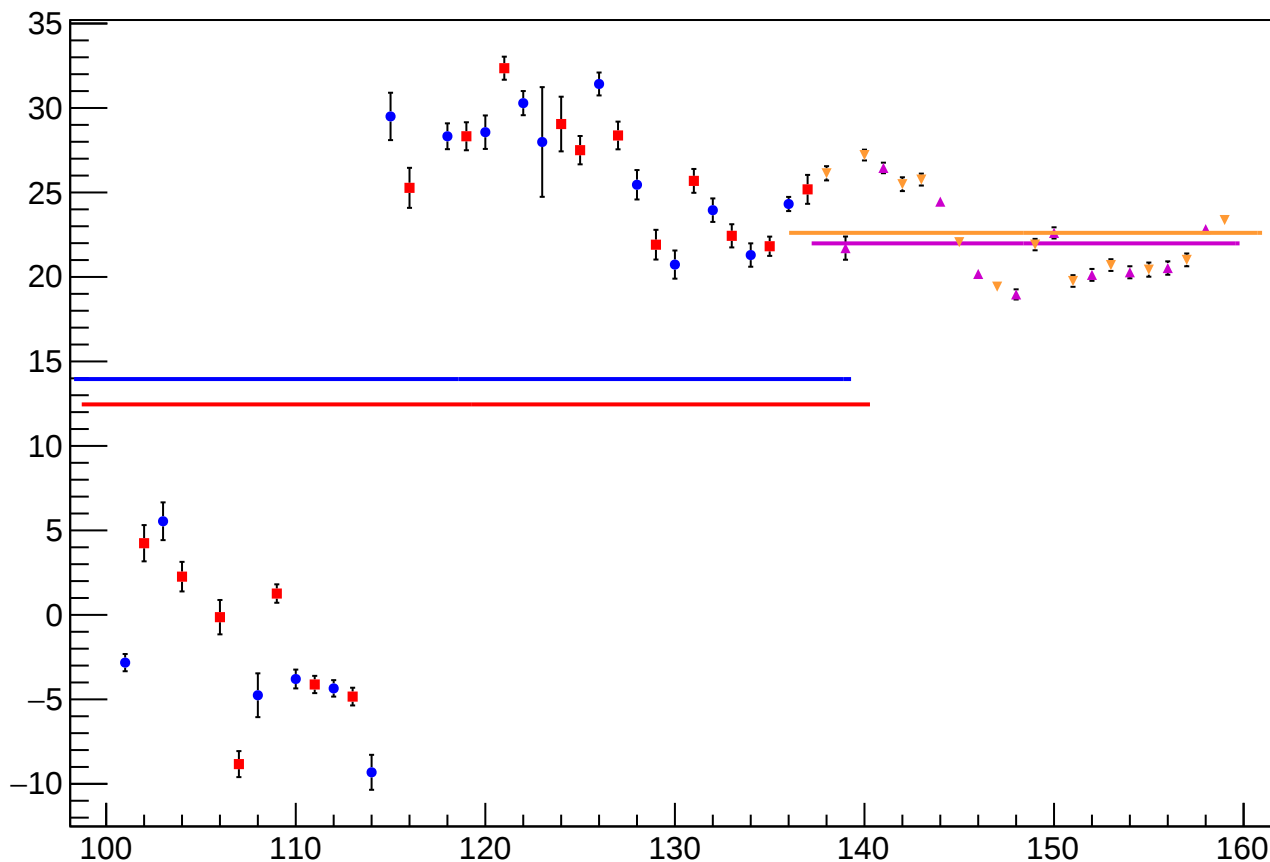
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 30.387 $\pm$ 0.106 χ^2 /NDF: 2713.9/26

Out: 31.531 $\pm$ 0.104 χ^2 /NDF: 2427.0/29

All: 30.969 $\pm$ 0.074 χ^2 /NDF: 5199.9/56

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: 22.611 $\pm$ 0.095 χ^2 /NDF:684.1/11

Right Out: 12.457 $\pm$ 0.174 χ^2 /NDF: 6979.9/17

Left In: 21.987 $\pm$ 0.096 χ^2 /NDF:565.8/9

Left: 22.304 $\pm$ 0.068 χ^2 /NDF: 1271.1/21

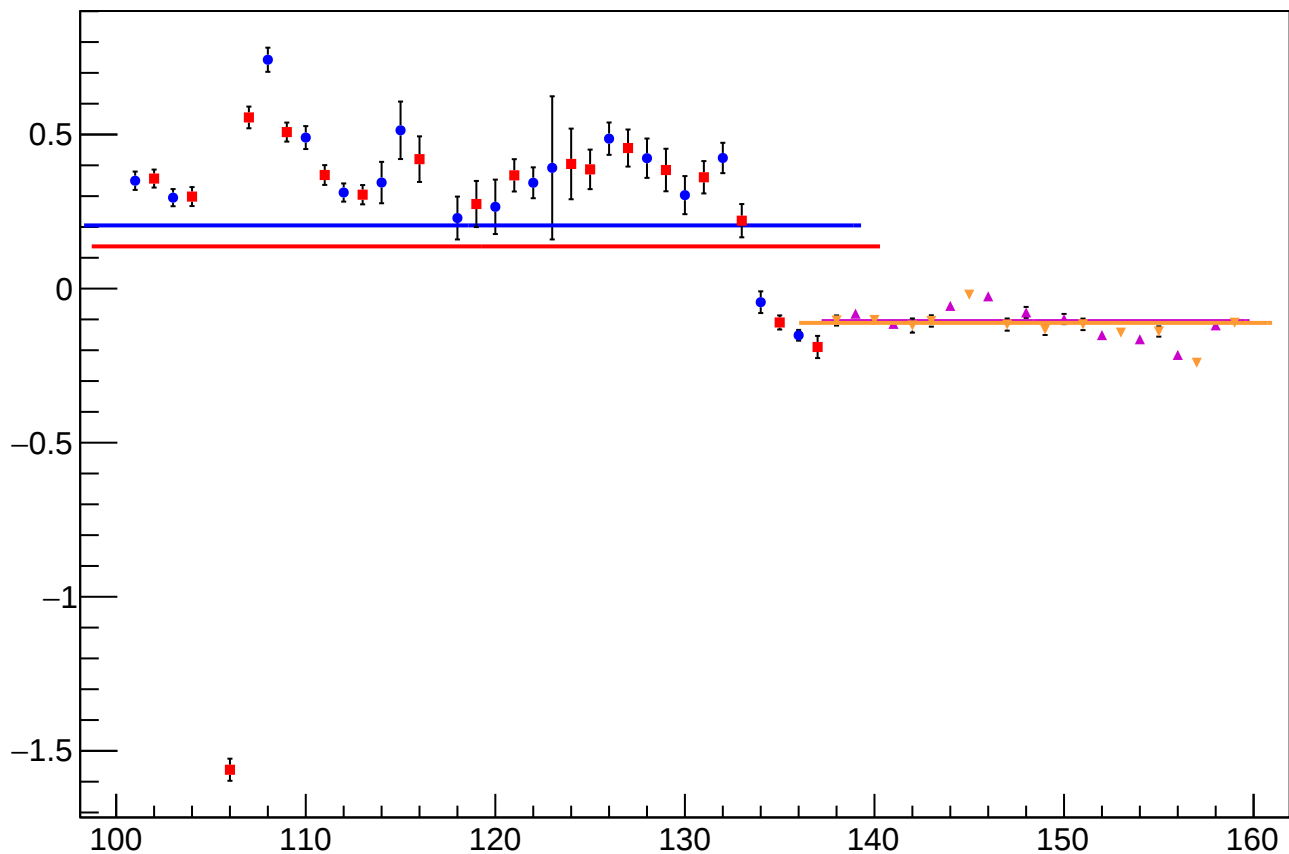
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 20.070 $\pm$ 0.084 χ^2 /NDF:9567.9/26

Out: 20.279 $\pm$ 0.083 χ^2 /NDF:10295.1/29

All: 20.176 $\pm$ 0.059 χ^2 /NDF: 19866.1/56

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 $\chi^2/\text{NDF}: 846.7/16$

Left Out: -0.111 ± 0.004 $\chi^2/\text{NDF}: 170.4/11$

Right Out: 0.137 ± 0.009 $\chi^2/\text{NDF}: 3007.9/17$

Left In: -0.106 ± 0.005 $\chi^2/\text{NDF}: 137.1/9$

Left: -0.108 ± 0.003 $\chi^2/\text{NDF}: 308.3/21$

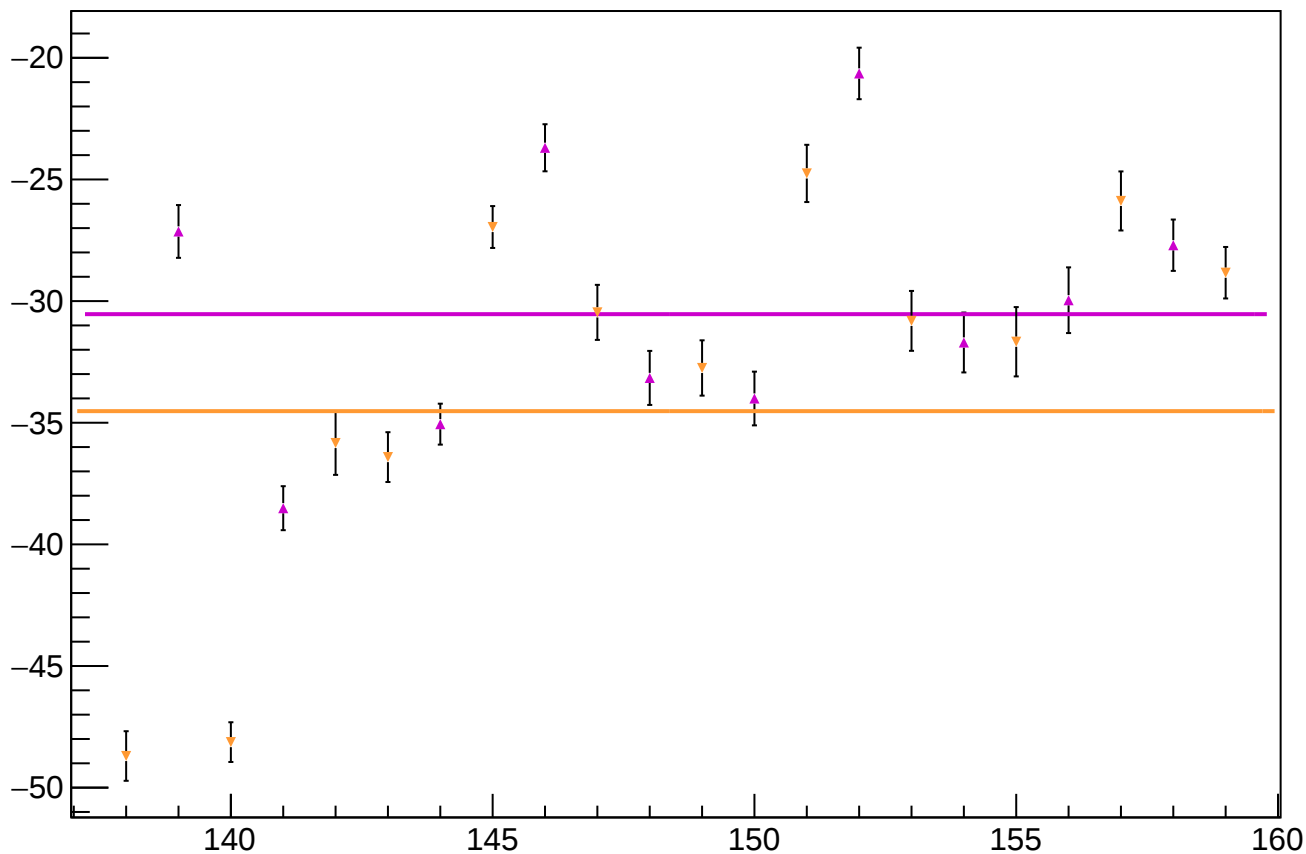
Right: 0.170 ± 0.007 $\chi^2/\text{NDF}: 3881.4/34$

In: -0.045 ± 0.004 $\chi^2/\text{NDF}: 1867.7/26$

Out: -0.064 ± 0.004 $\chi^2/\text{NDF}: 3765.3/29$

All: -0.055 ± 0.003 $\chi^2/\text{NDF}: 5643.8/56$

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: -34.524+/-0.311 χ^2/NDF : 729.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -30.537+/-0.330 χ^2/NDF : 277.5/9

Left: -32.649+/-0.226 χ^2/NDF : 1084.6/21

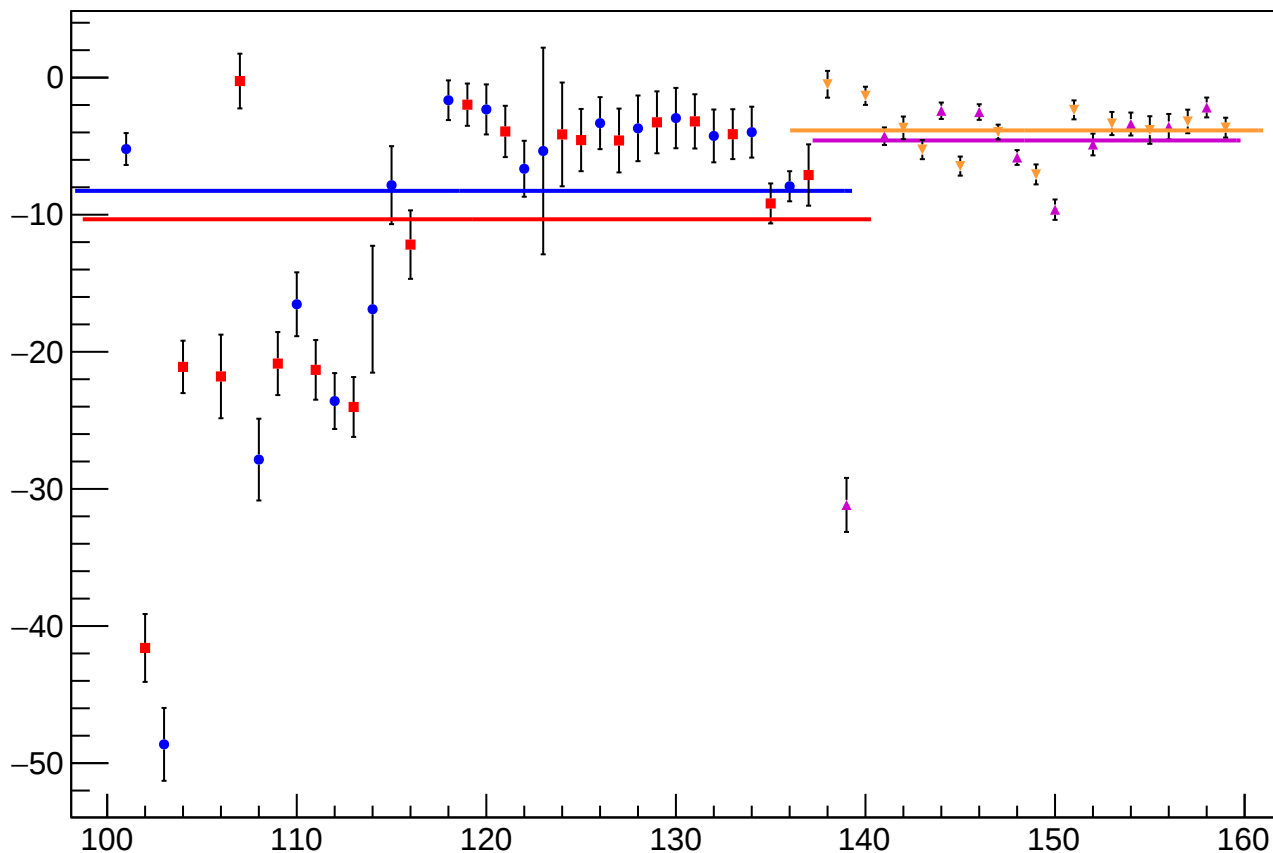
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -30.537+/-0.330 χ^2/NDF : 277.5/9

Out: -34.524+/-0.311 χ^2/NDF : 729.8/11

All: -32.649+/-0.226 χ^2/NDF : 1084.6/21

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 χ^2/NDF : 411.9/16

Left Out: -3.852 ± 0.213 χ^2/NDF : 69.7/11

Right Out: -10.334 ± 0.491 χ^2/NDF : 410.9/17

Left In: -4.586 ± 0.224 χ^2/NDF : 274.4/9

Left: -4.200 ± 0.154 χ^2/NDF : 349.8/21

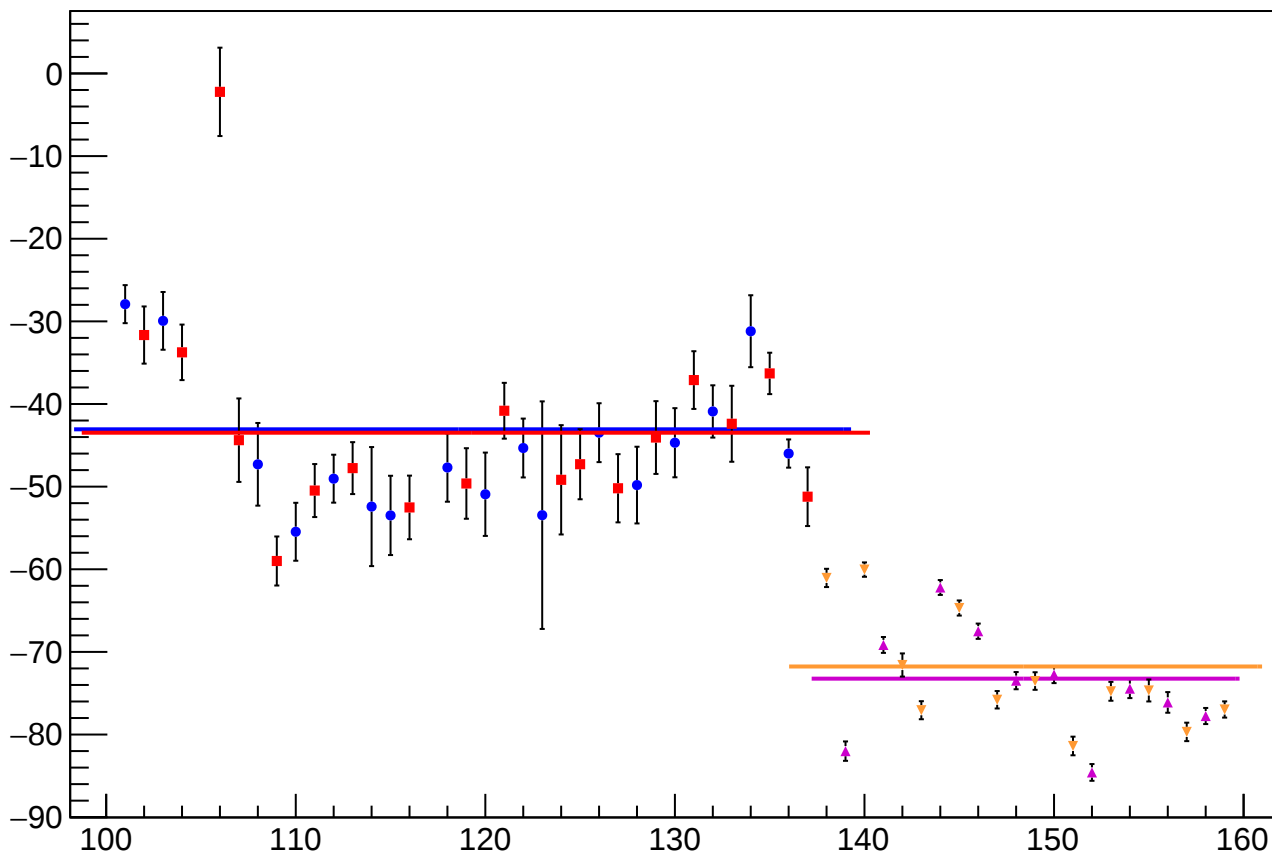
Right: -9.235 ± 0.337 χ^2/NDF : 832.3/34

In: -5.284 ± 0.202 χ^2/NDF : 737.5/26

Out: -4.879 ± 0.195 χ^2/NDF : 627.2/29

All: -5.075 ± 0.140 χ^2/NDF : 1366.7/56

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$

Left Out: -71.765 ± 0.310 $\chi^2/\text{NDF}: 539.5/11$

Right Out: -43.473 ± 0.869 $\chi^2/\text{NDF}: 142.3/17$

Left In: -73.236 ± 0.324 $\chi^2/\text{NDF}: 416.0/9$

Left: -72.467 ± 0.224 $\chi^2/\text{NDF}: 966.2/21$

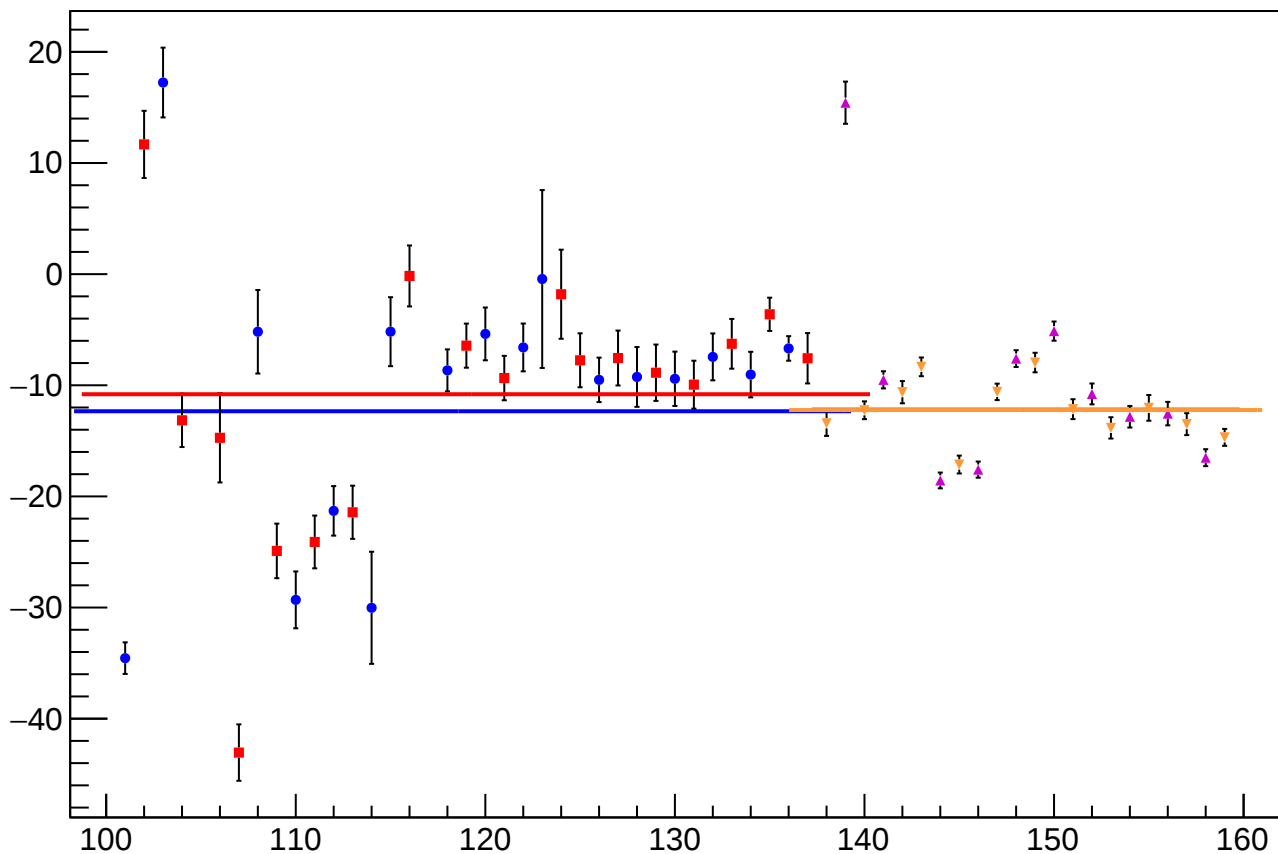
Right: -43.261 ± 0.602 $\chi^2/\text{NDF}: 241.5/34$

In: -69.281 ± 0.302 $\chi^2/\text{NDF}: 1648.7/26$

Out: -68.575 ± 0.292 $\chi^2/\text{NDF}: 1622.8/29$

All: -68.915 ± 0.210 $\chi^2/\text{NDF}: 3274.3/56$

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: -12.229 ± 0.256 $\chi^2/\text{NDF}: 105.8/11$

Right Out: -10.804 ± 0.554 $\chi^2/\text{NDF}: 361.4/17$

Left In: -12.190 ± 0.270 $\chi^2/\text{NDF}: 498.1/9$

Left: -12.210 ± 0.186 $\chi^2/\text{NDF}: 603.9/21$

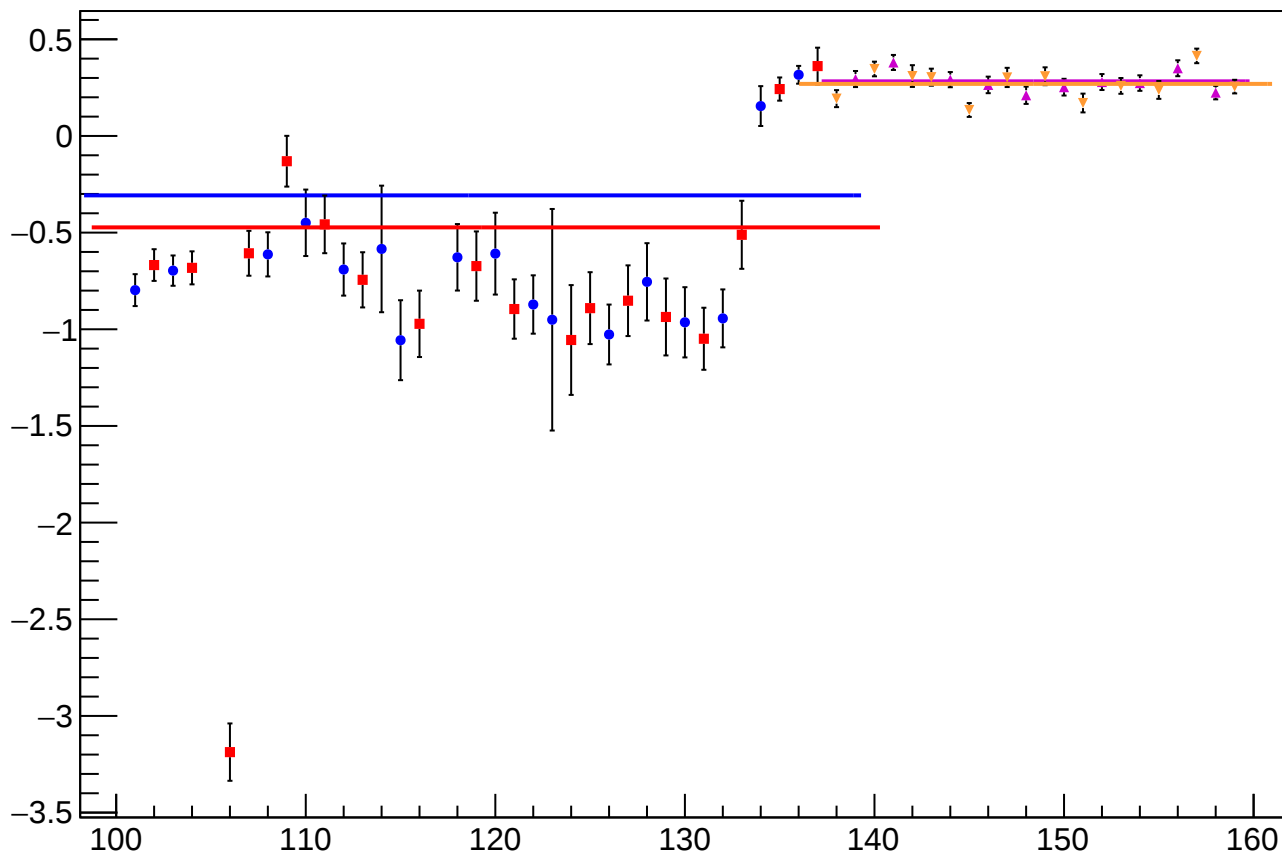
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -12.221 ± 0.240 $\chi^2/\text{NDF}: 973.4/26$

Out: -11.978 ± 0.232 $\chi^2/\text{NDF}: 472.6/29$

All: -12.096 ± 0.167 $\chi^2/\text{NDF}: 1446.5/56$

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: 0.269 ± 0.012 χ^2/NDF : 43.2/11

Right Out: -0.473 ± 0.029 χ^2/NDF : 626.5/17

Left In: 0.282 ± 0.013 χ^2/NDF : 15.2/9

Left: 0.276 ± 0.009 χ^2/NDF : 59.0/21

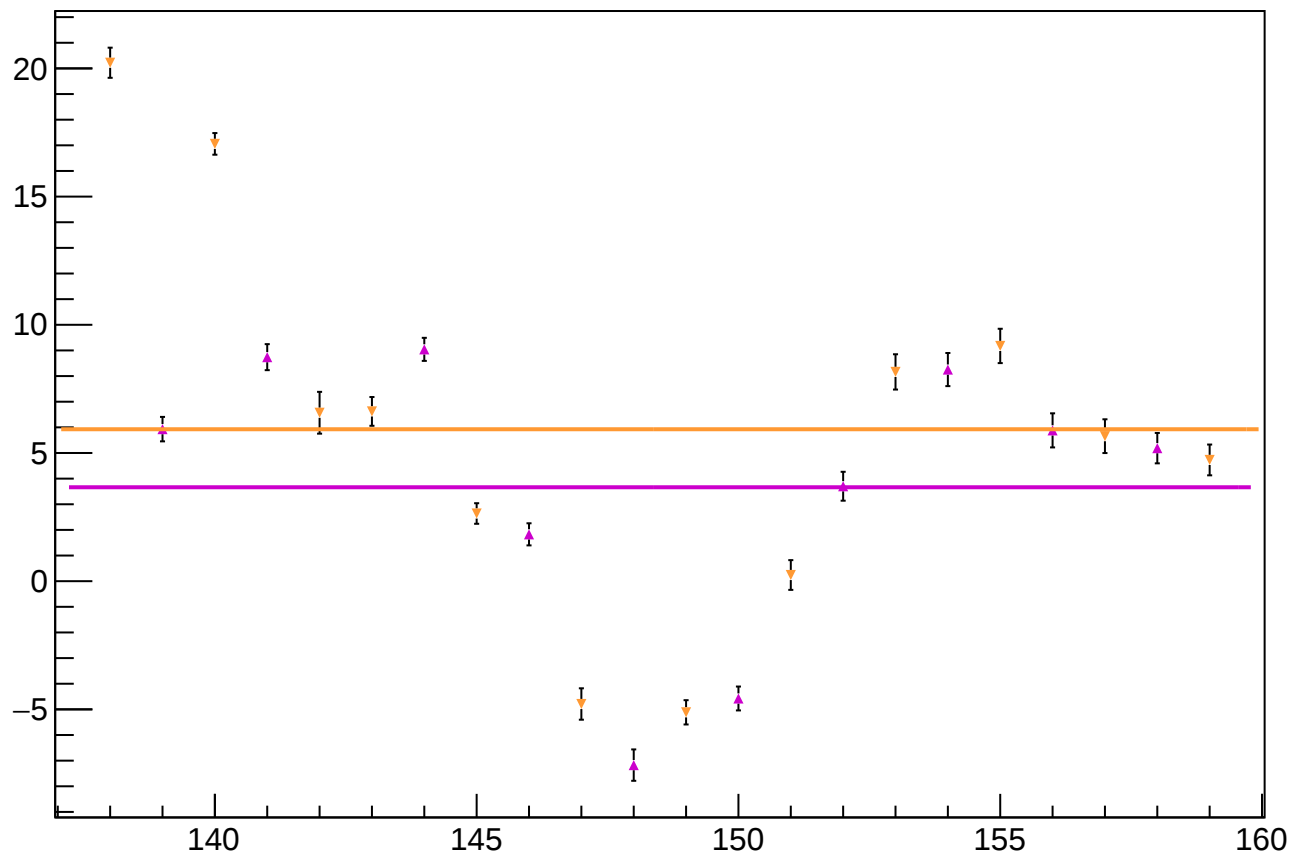
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.177 ± 0.012 χ^2/NDF : 764.7/26

Out: 0.155 ± 0.011 χ^2/NDF : 1238.7/29

All: 0.166 ± 0.008 χ^2/NDF : 2005.3/56

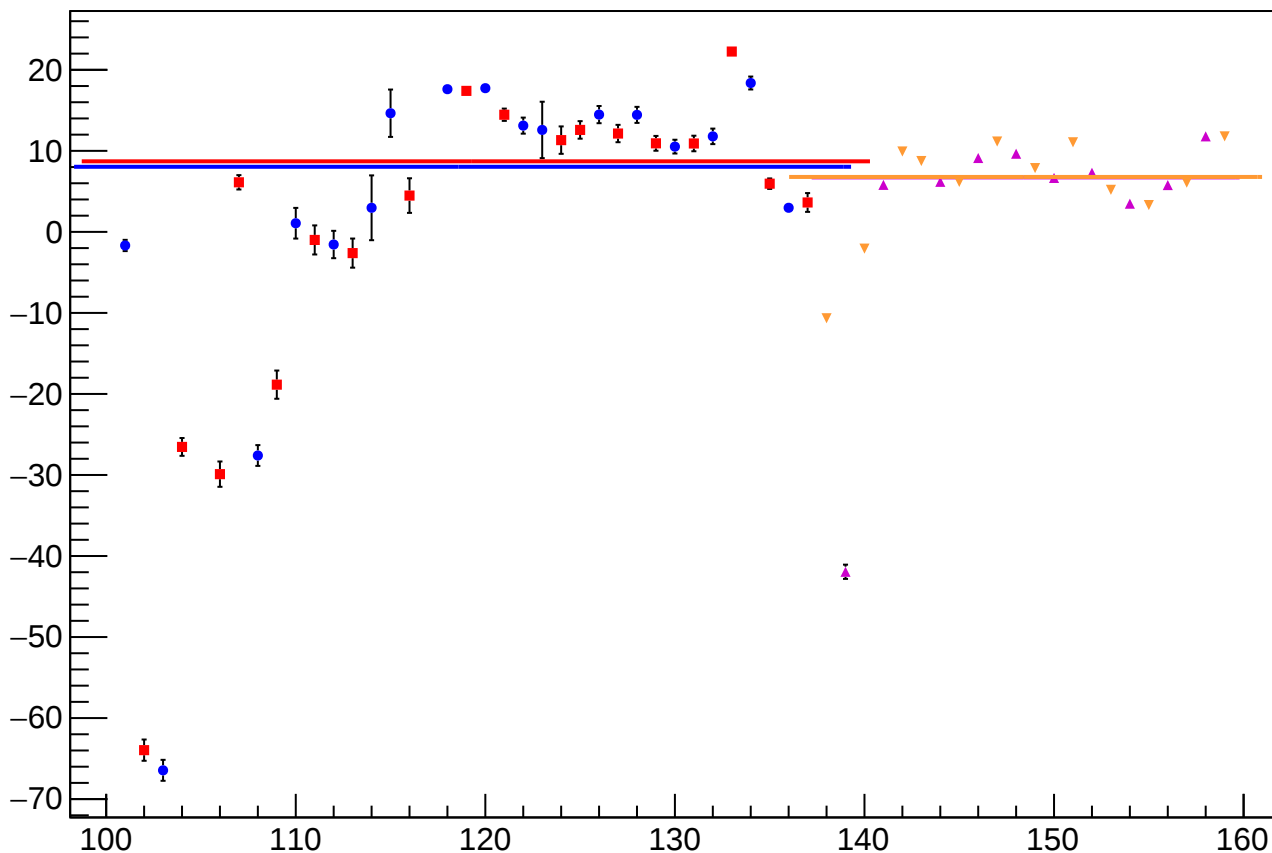
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: 5.926 ± 0.160 χ^2/NDF : 2339.9/11
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: 3.663 ± 0.165 χ^2/NDF : 978.3/9

Left: 4.830 ± 0.115 χ^2/NDF : 3414.7/21
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 In: 3.663 ± 0.165 χ^2/NDF : 978.3/9
 Out: 5.926 ± 0.160 χ^2/NDF : 2339.9/11
 All: 4.830 ± 0.115 χ^2/NDF : 3414.7/21

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: 6.780+/-0.111 χ^2/NDF : 2164.0/11

Right Out: 8.708+/-0.213 χ^2/NDF : 6290.2/17

Left In: 6.724+/-0.116 χ^2/NDF : 3453.9/9

Left: 6.753+/-0.080 χ^2/NDF : 5618.0/21

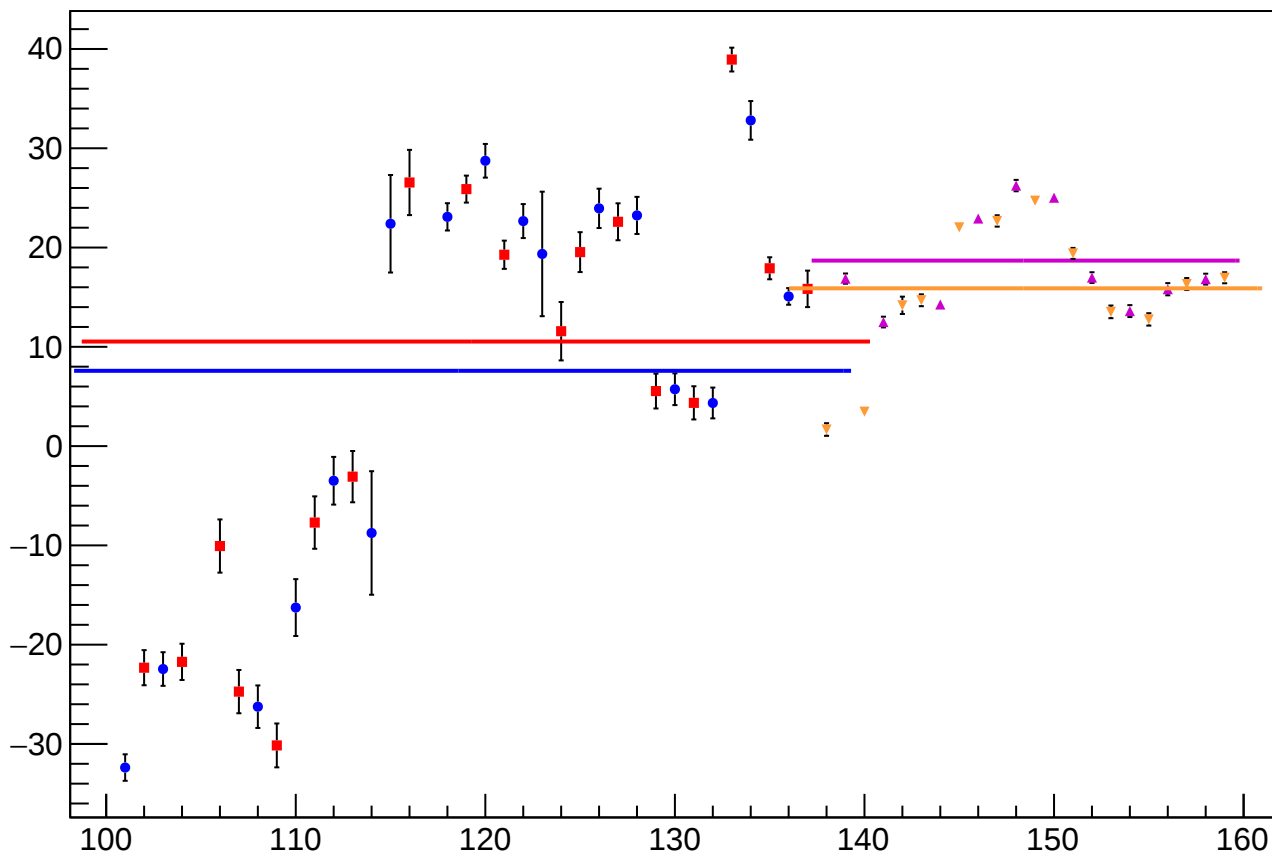
Right: 8.375+/-0.151 χ^2/NDF : 11665.4/34

In: 7.020+/-0.102 χ^2/NDF : 8852.9/26

Out: 7.193+/-0.099 χ^2/NDF : 8518.4/29

All: 7.110+/-0.071 χ^2/NDF : 17372.8/56

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: 15.892 ± 0.159 χ^2/NDF : 2099.7/11

Right Out: 10.532 ± 0.418 χ^2/NDF : 2279.5/17

Left In: 18.686 ± 0.163 χ^2/NDF : 832.8/9

Left: 17.260 ± 0.114 χ^2/NDF : 3083.2/21

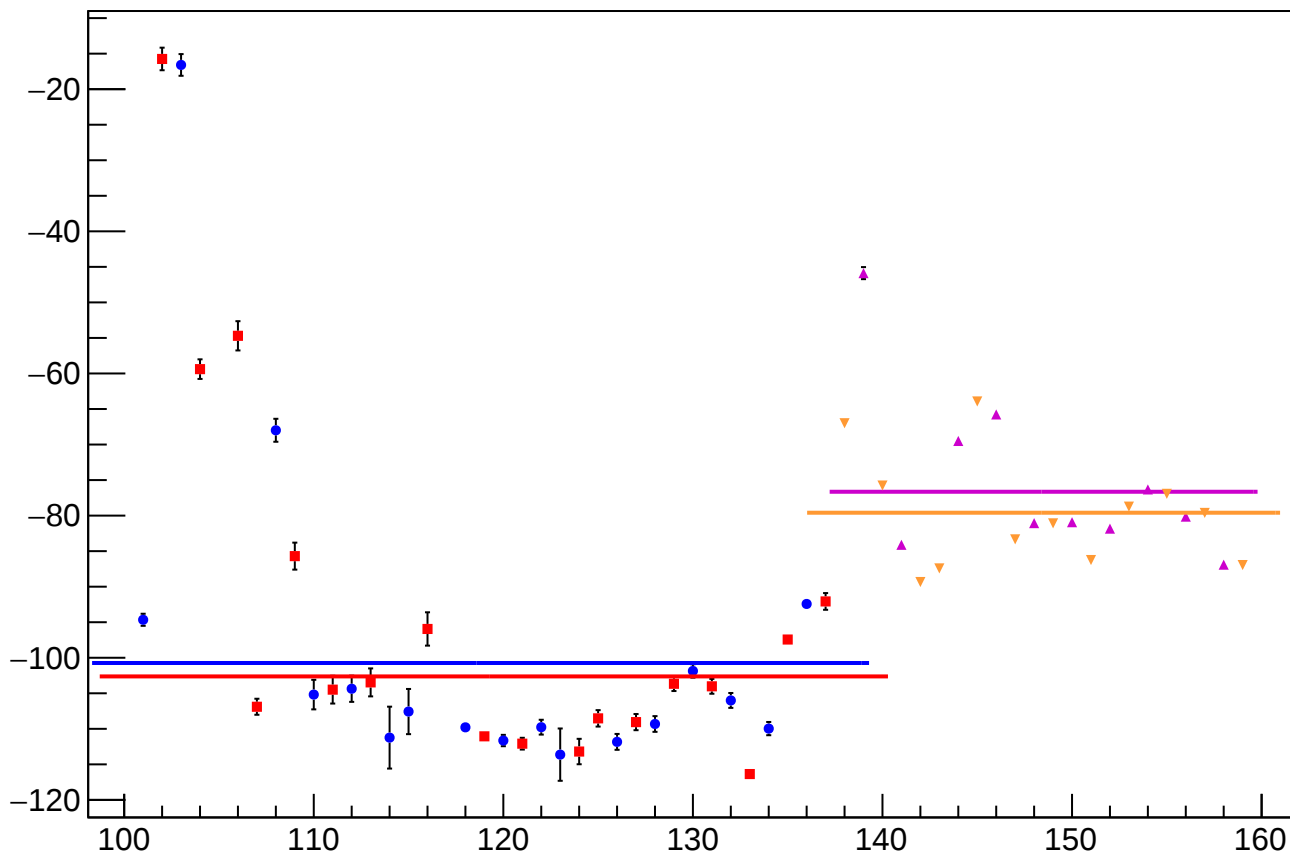
Right: 9.054 ± 0.295 χ^2/NDF : 4627.2/34

In: 17.216 ± 0.151 χ^2/NDF : 3772.5/26

Out: 15.212 ± 0.149 χ^2/NDF : 4523.1/29

All: 16.196 ± 0.106 χ^2/NDF : 8384.8/56

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 $\chi^2/\text{NDF}: 4520.6/16$

Left Out: -79.593 ± 0.133 $\chi^2/\text{NDF}: 3306.6/11$

Right Out: -102.625 ± 0.246 $\chi^2/\text{NDF}: 5716.3/17$

Left In: -76.643 ± 0.139 $\chi^2/\text{NDF}: 3936.2/9$

Left: -78.175 ± 0.096 $\chi^2/\text{NDF}: 7478.2/21$

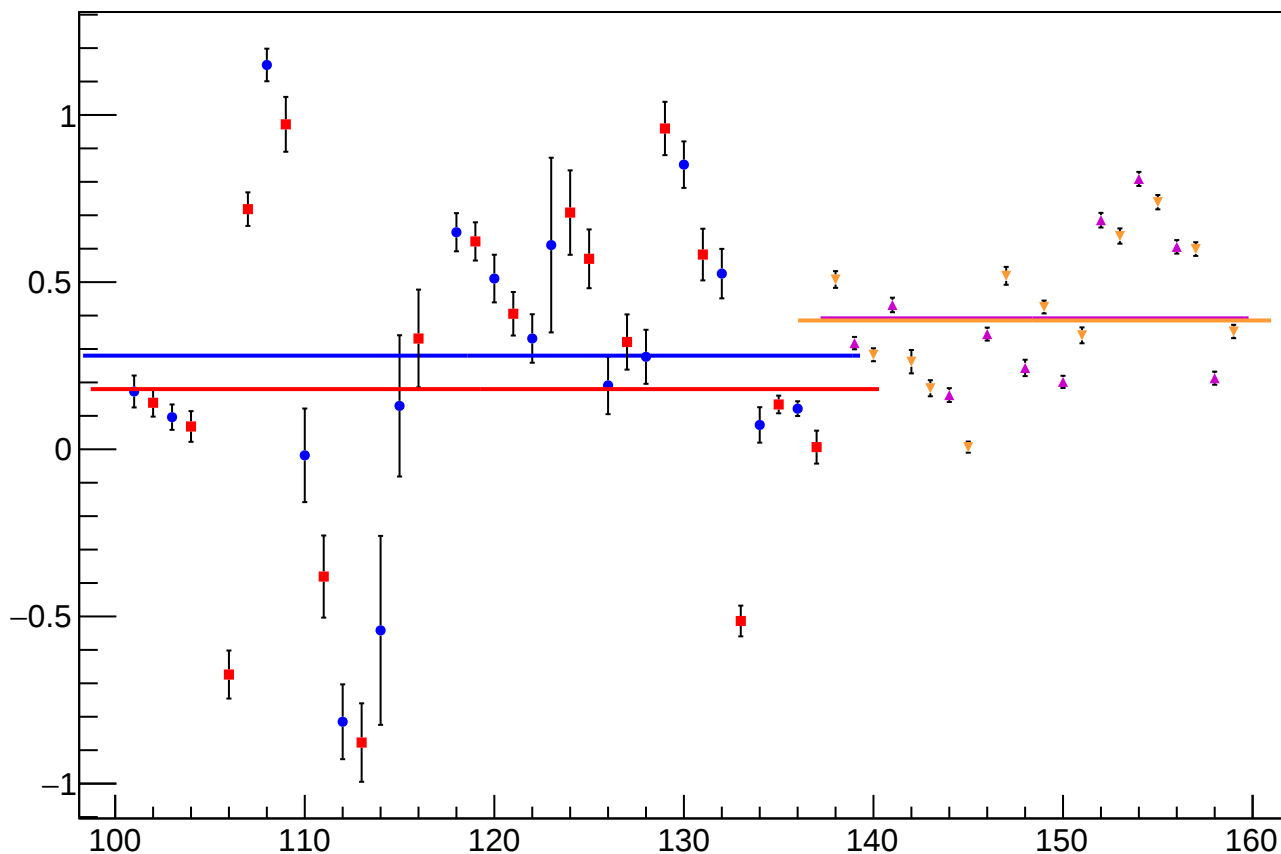
Right: -101.689 ± 0.175 $\chi^2/\text{NDF}: 10266.1/34$

In: -82.362 ± 0.121 $\chi^2/\text{NDF}: 15636.6/26$

Out: -84.813 ± 0.117 $\chi^2/\text{NDF}: 15796.1/29$

All: -83.627 ± 0.084 $\chi^2/\text{NDF}: 31644.6/56$

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: 0.385 ± 0.006 χ^2/NDF : 1188.7/11

Right Out: 0.180 ± 0.013 χ^2/NDF : 937.1/17

Left In: 0.392 ± 0.006 χ^2/NDF : 1059.7/9

Left: 0.388 ± 0.005 χ^2/NDF : 2248.8/21

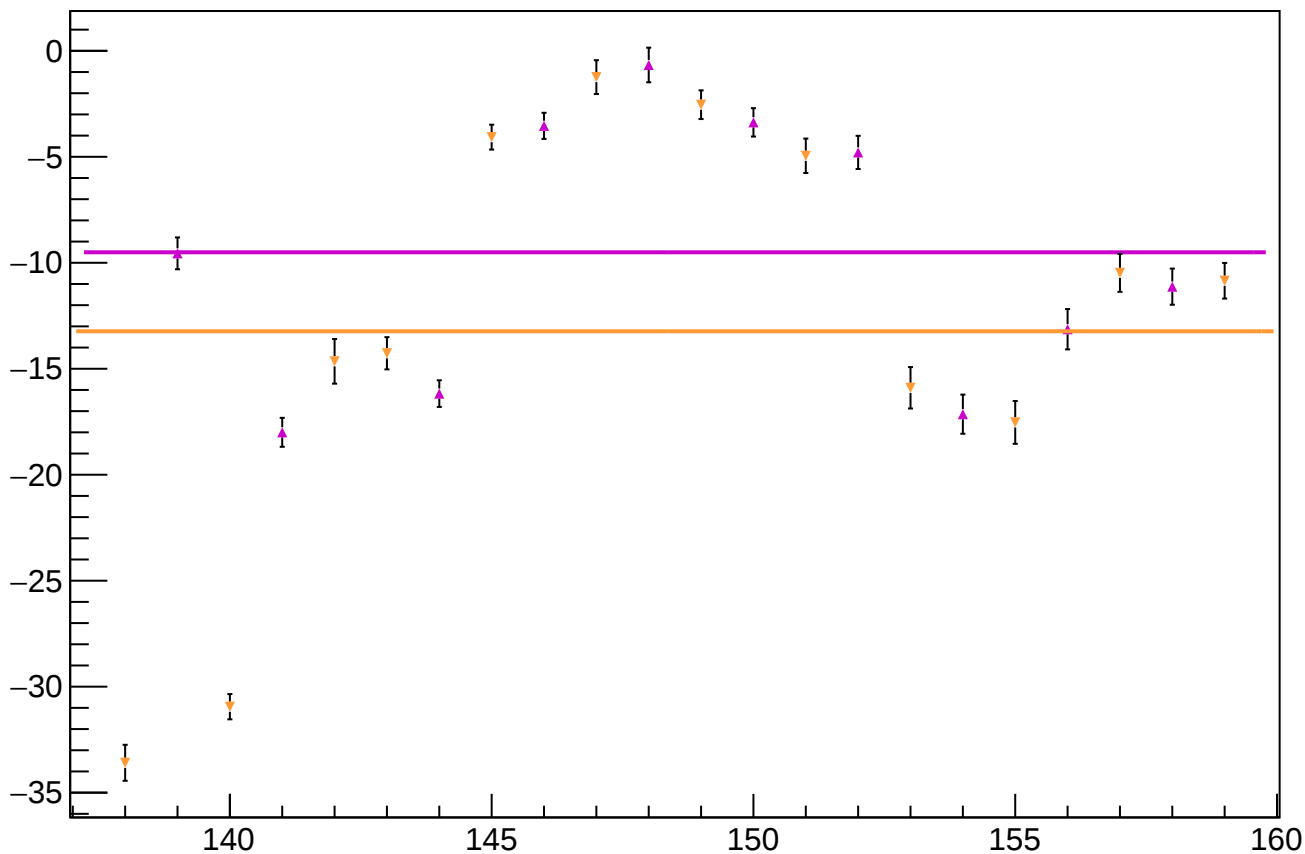
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.371 ± 0.006 χ^2/NDF : 1771.8/26

Out: 0.349 ± 0.006 χ^2/NDF : 2316.2/29

All: 0.360 ± 0.004 χ^2/NDF : 4095.5/56

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: -13.231+/-0.225 χ^2/NDF :2328.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.505+/-0.235 χ^2/NDF :684.6/9

Left: -11.447+/-0.163 χ^2/NDF : 3143.6/21

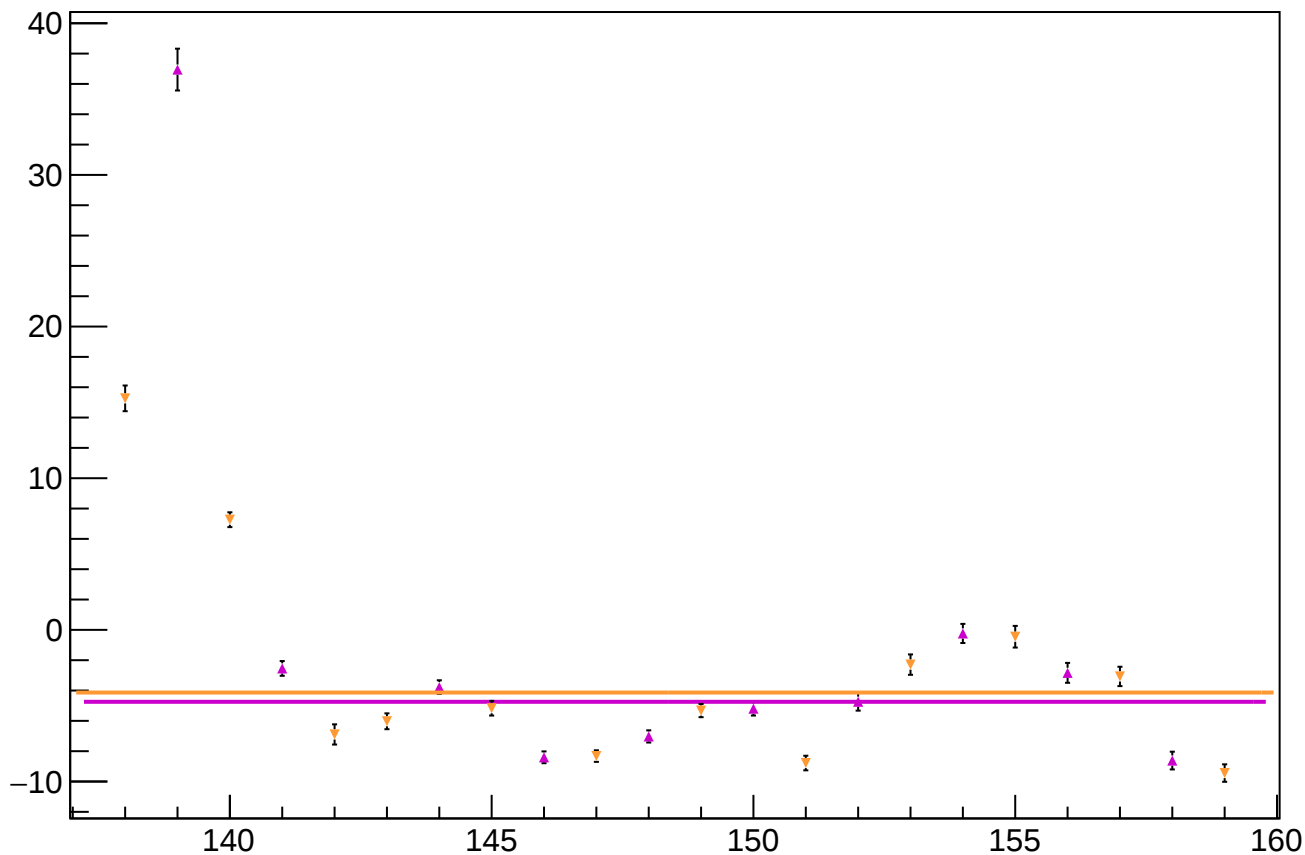
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.505+/-0.235 χ^2/NDF :684.6/9

Out: -13.231+/-0.225 χ^2/NDF :2328.0/11

All: -11.447+/-0.163 χ^2/NDF : 3143.6/21

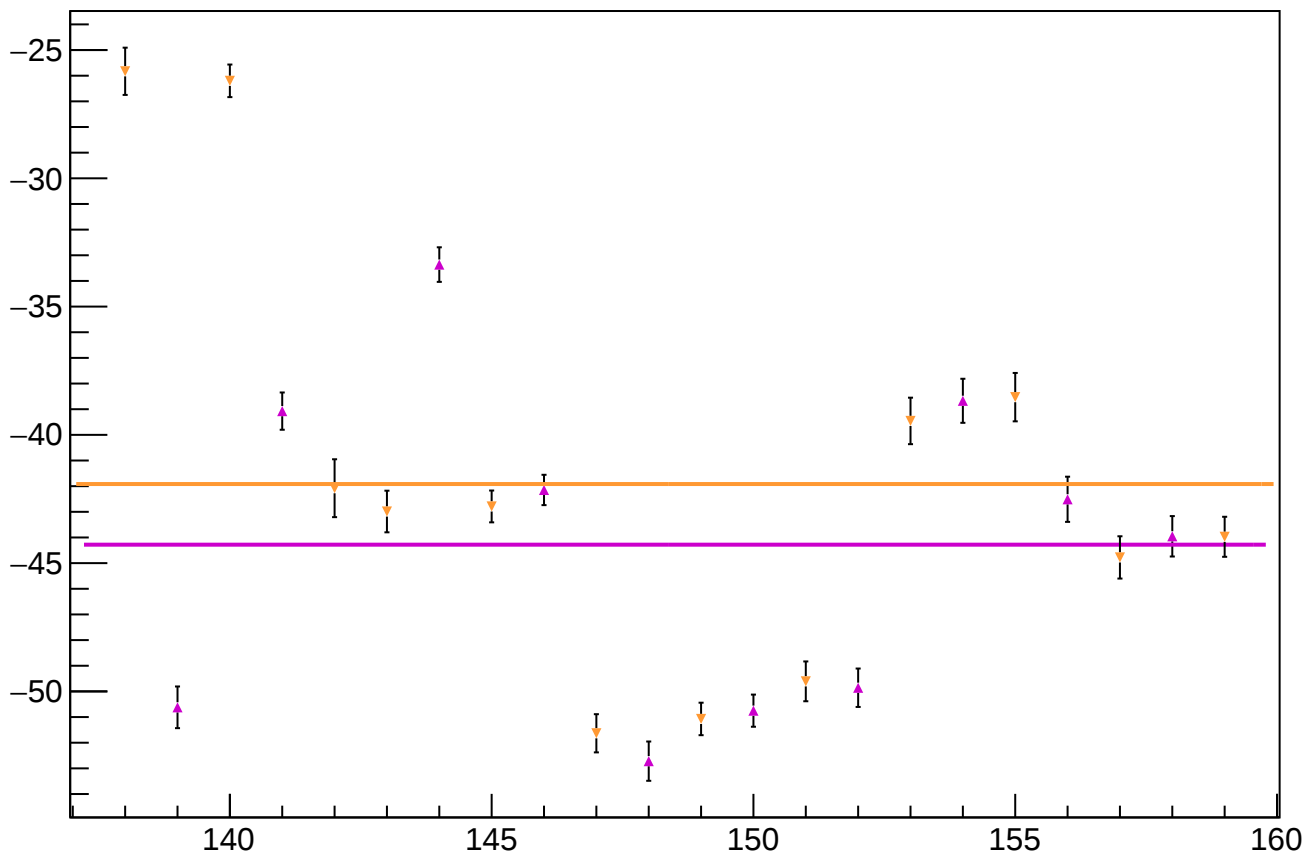
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -4.133+/-0.155 χ^2/NDF :1446.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -4.744+/-0.162 χ^2/NDF :1164.0/9

Left: -4.423+/-0.112 χ^2/NDF : 2617.5/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.744+/-0.162 χ^2/NDF :1164.0/9
 Out: -4.133+/-0.155 χ^2/NDF :1446.1/11
 All: -4.423+/-0.112 χ^2/NDF : 2617.5/21

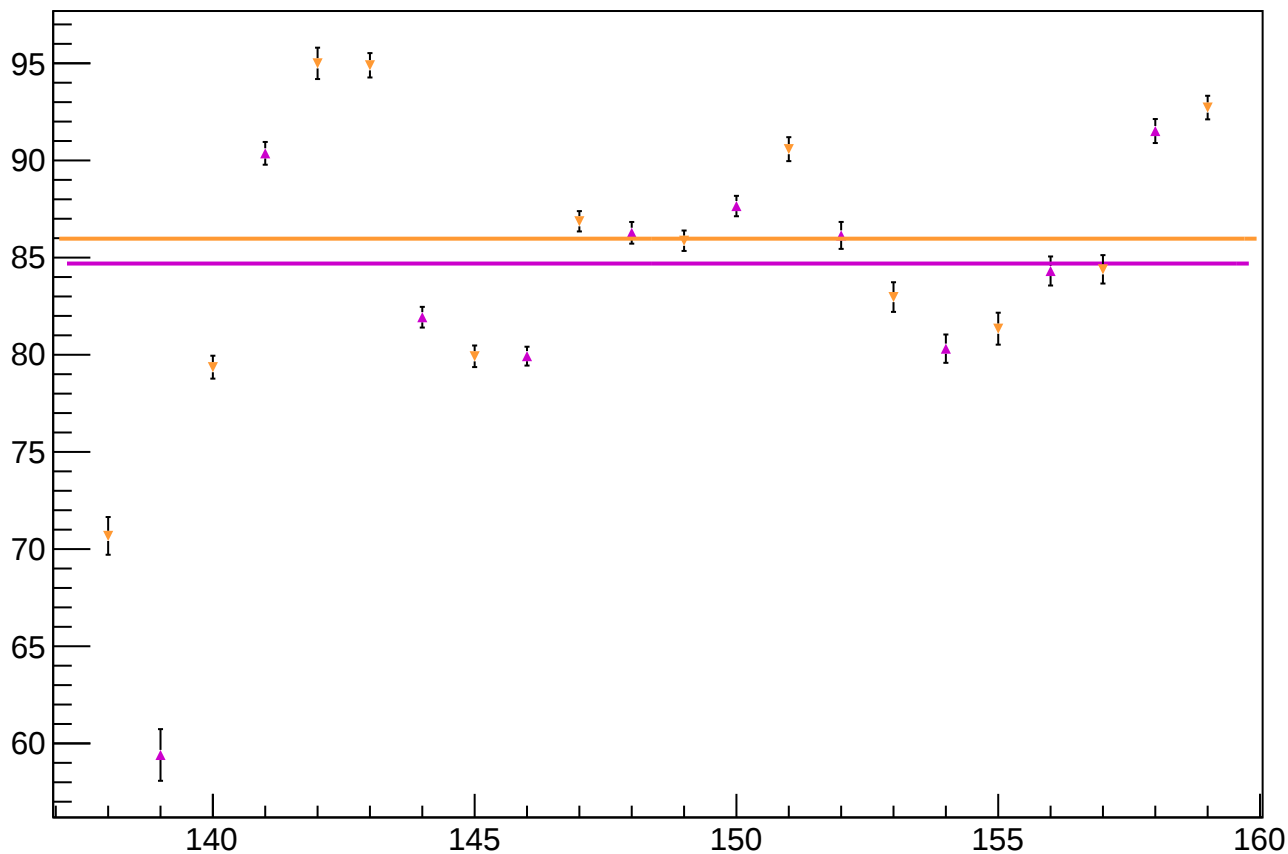
reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -41.917+/-0.224 χ^2/NDF :1438.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -44.281+/-0.231 χ^2/NDF :718.2/9

Left: -43.062+/-0.161 χ^2/NDF : 2211.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -44.281+/-0.231 χ^2/NDF :718.2/9
 Out: -41.917+/-0.224 χ^2/NDF :1438.9/11
 All: -43.062+/-0.161 χ^2/NDF : 2211.1/21

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: 85.974+/-0.186 χ^2/NDF :1054.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 84.694+/-0.194 χ^2/NDF :781.3/9

Left: 85.363+/-0.134 χ^2/NDF : 1858.1/21

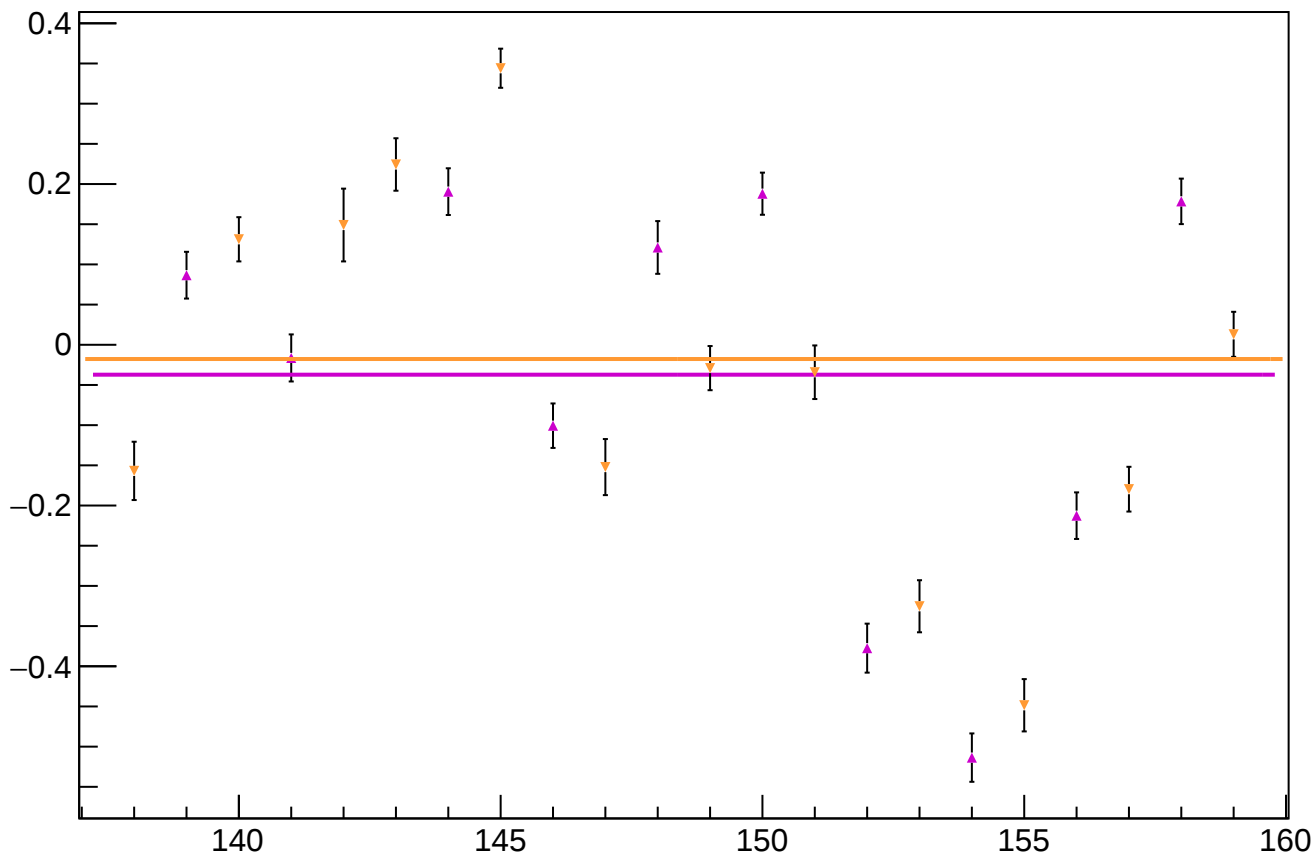
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.694+/-0.194 χ^2/NDF :781.3/9

Out: 85.974+/-0.186 χ^2/NDF :1054.1/11

All: 85.363+/-0.134 χ^2/NDF : 1858.1/21

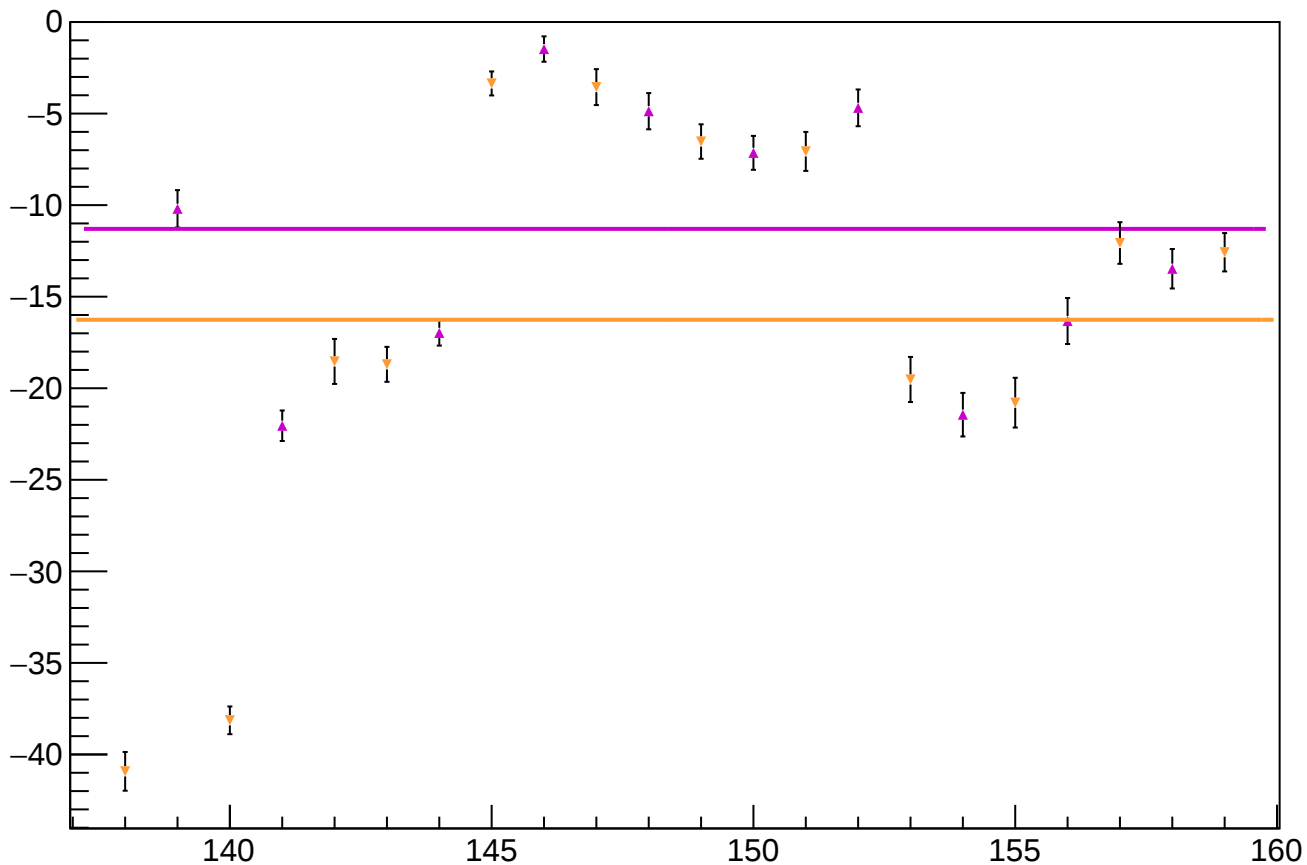
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.037+/-0.009 χ^2/NDF : 652.4/9

Left: -0.027+/-0.006 χ^2/NDF : 1304.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.037+/-0.009 χ^2/NDF : 652.4/9
 Out: -0.018+/-0.009 χ^2/NDF : 649.3/11
 All: -0.027+/-0.006 χ^2/NDF : 1304.0/21

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -16.261+/-0.281 χ^2/NDF : 2169.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -11.298+/-0.289 χ^2/NDF : 634.5/9

Left: -13.851+/-0.202 χ^2/NDF : 2955.2/21

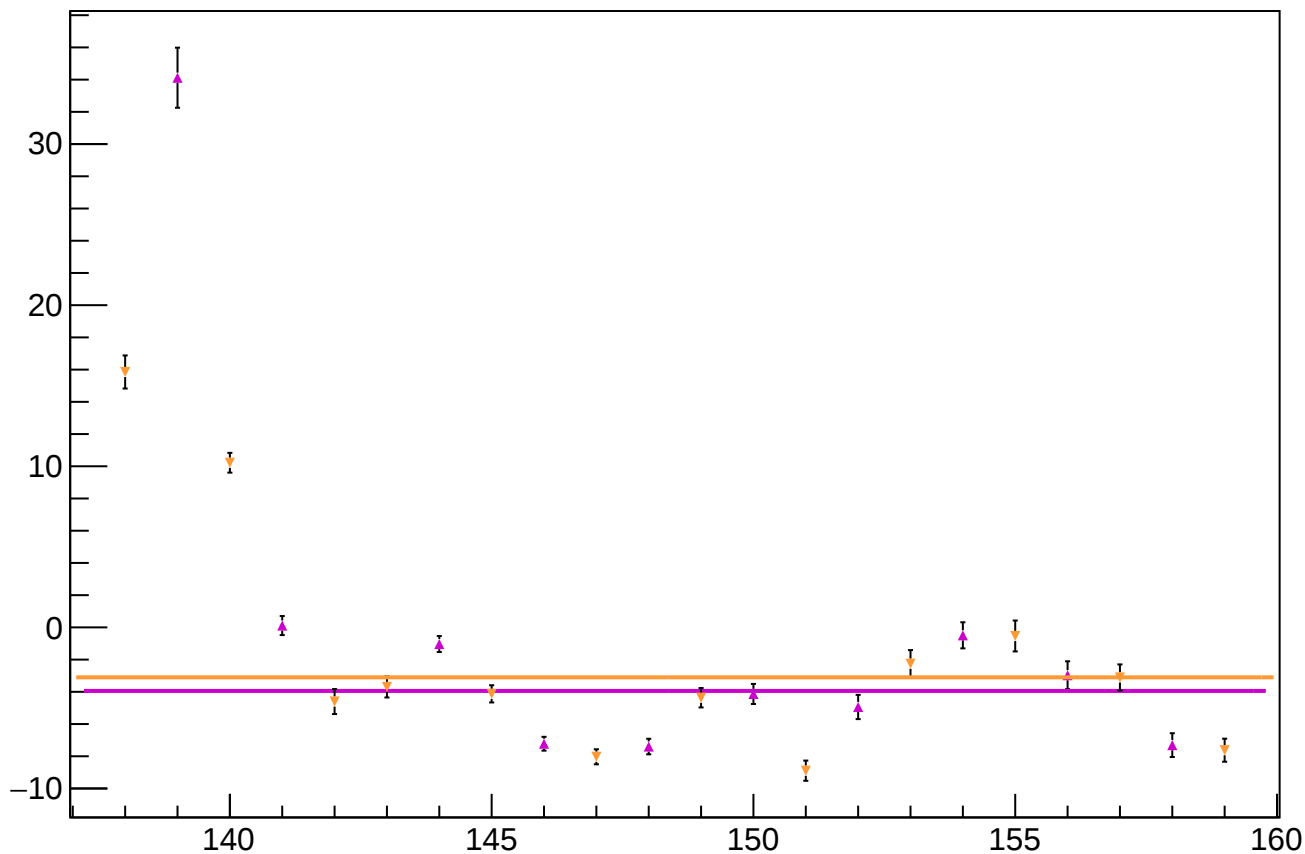
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -11.298+/-0.289 χ^2/NDF : 634.5/9

Out: -16.261+/-0.281 χ^2/NDF : 2169.3/11

All: -13.851+/-0.202 χ^2/NDF : 2955.2/21

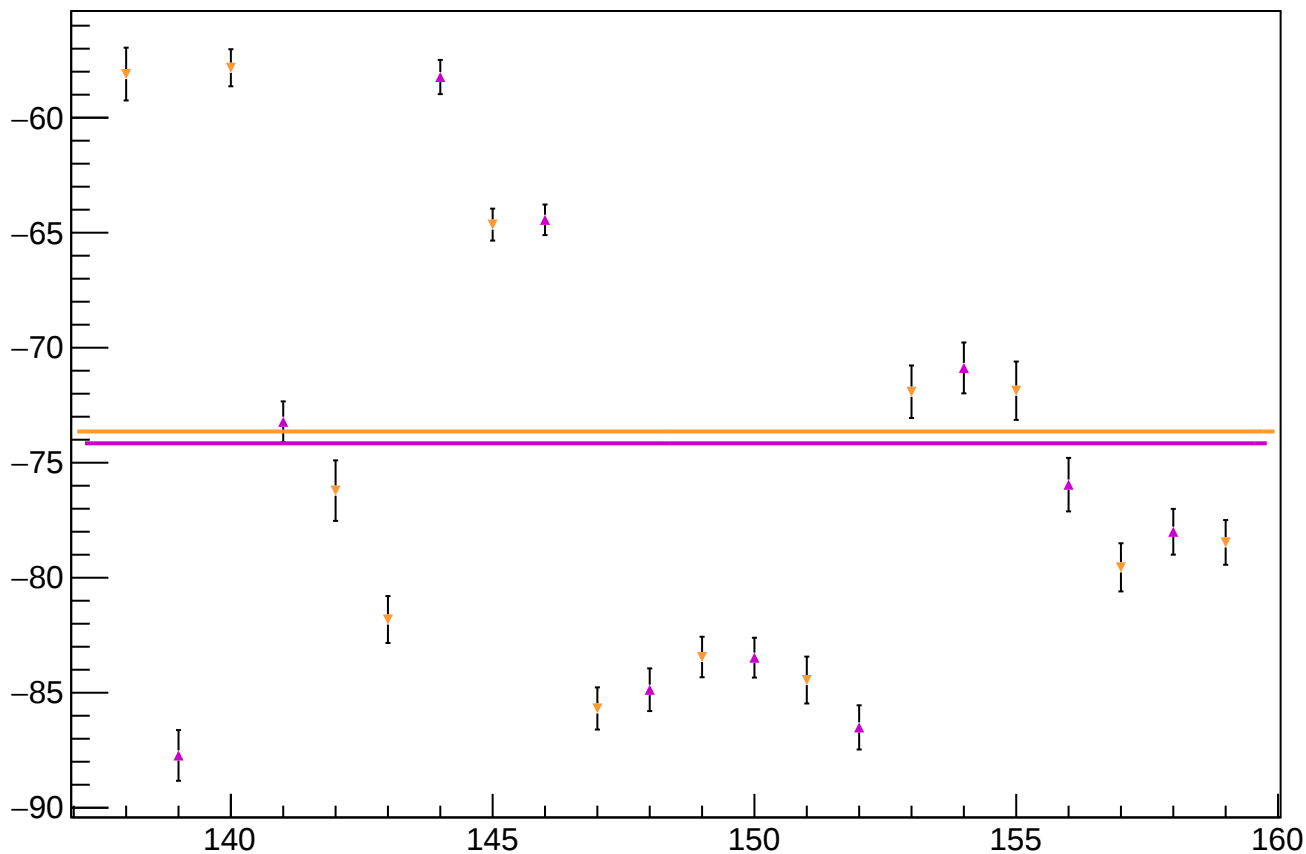
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.100+/-0.193 χ^2/NDF :1068.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.945+/-0.196 χ^2/NDF :649.9/9

Left: -3.515+/-0.137 χ^2/NDF : 1727.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.945+/-0.196 χ^2/NDF :649.9/9
 Out: -3.100+/-0.193 χ^2/NDF :1068.3/11
 All: -3.515+/-0.137 χ^2/NDF : 1727.6/21

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: -73.643+/-0.280 χ^2/NDF :1274.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Left: -73.895+/-0.200 χ^2/NDF : 2541.4/21

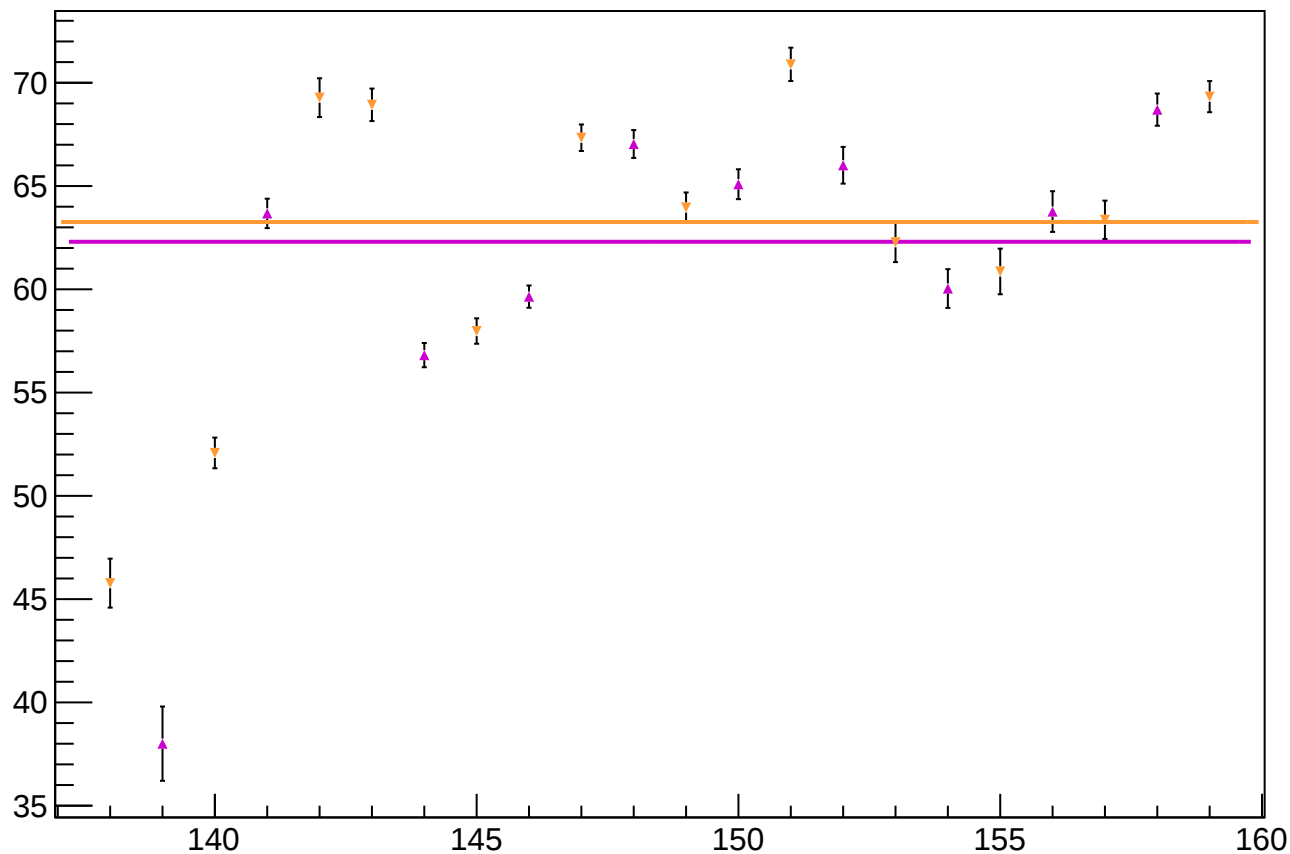
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Out: -73.643+/-0.280 χ^2/NDF :1274.2/11

All: -73.895+/-0.200 χ^2/NDF : 2541.4/21

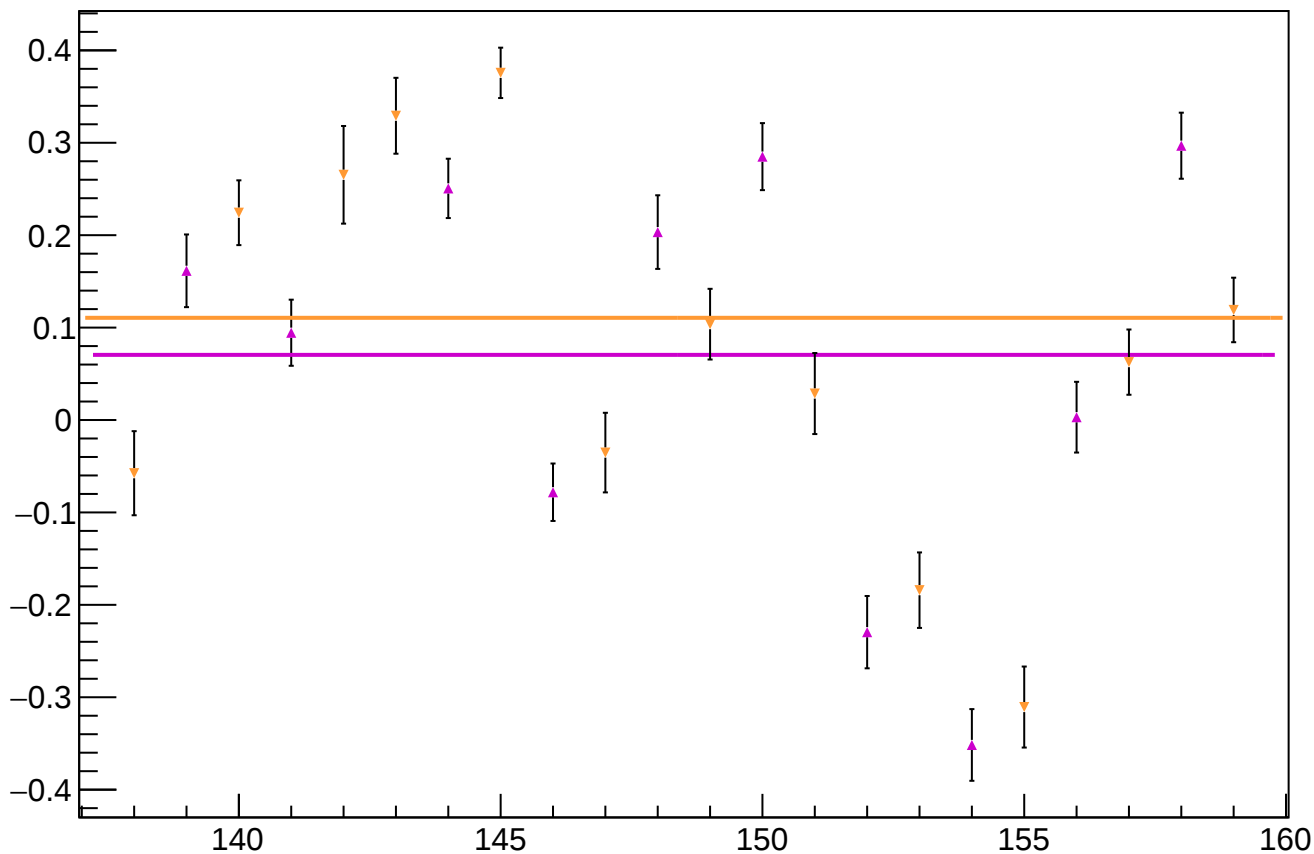
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 62.301+/-0.237 χ^2/NDF :455.0/9

Left: 62.790+/-0.166 χ^2/NDF : 1274.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.301+/-0.237 χ^2/NDF :455.0/9
 Out: 63.258+/-0.232 χ^2/NDF :811.5/11
 All: 62.790+/-0.166 χ^2/NDF : 1274.8/21

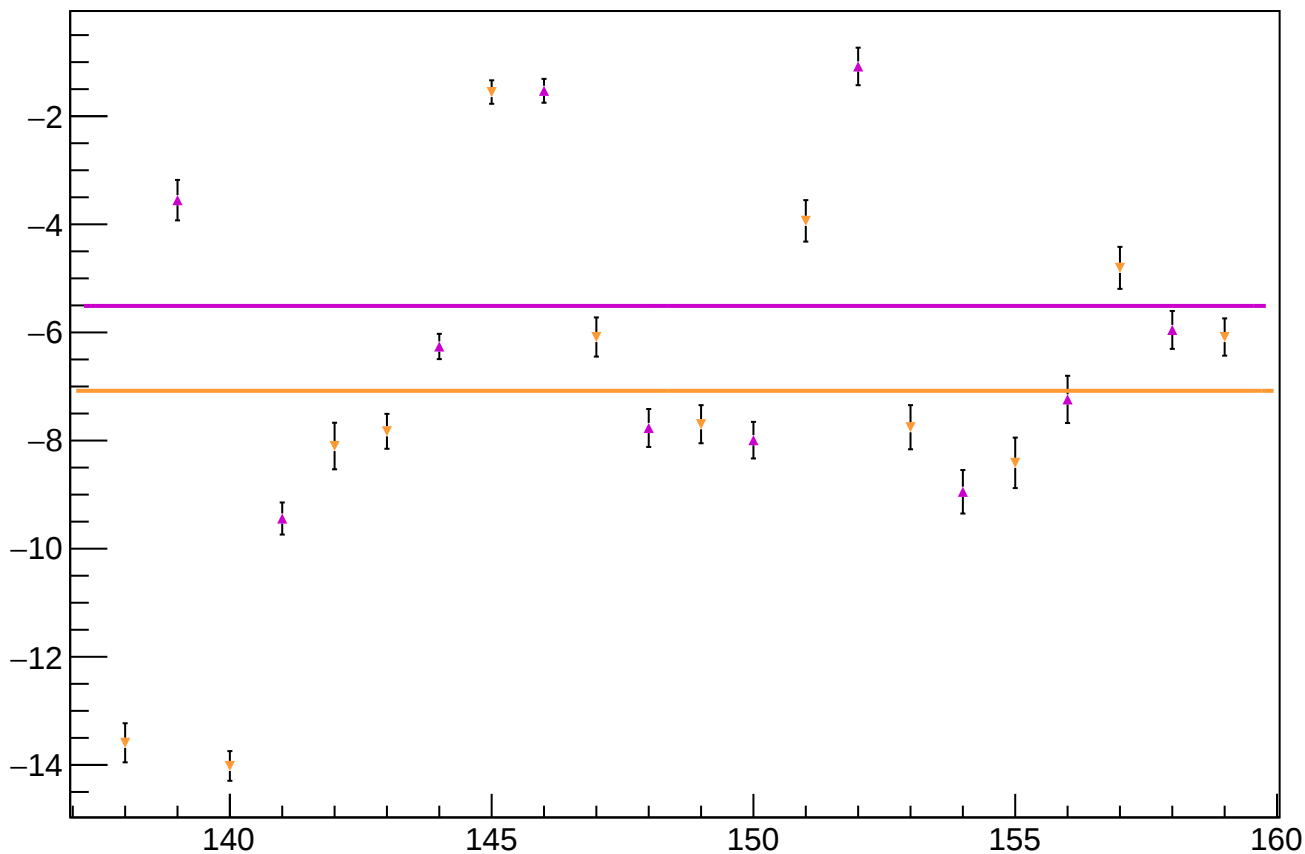
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.111 $\pm$ 0.011 χ^2 /NDF:317.0/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.070 $\pm$ 0.011 χ^2 /NDF:326.7/9

Left: 0.091 $\pm$ 0.008 χ^2 /NDF: 650.0/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.070 $\pm$ 0.011 χ^2 /NDF:326.7/9
 Out: 0.111 $\pm$ 0.011 χ^2 /NDF:317.0/11
 All: 0.091 $\pm$ 0.008 χ^2 /NDF: 650.0/21

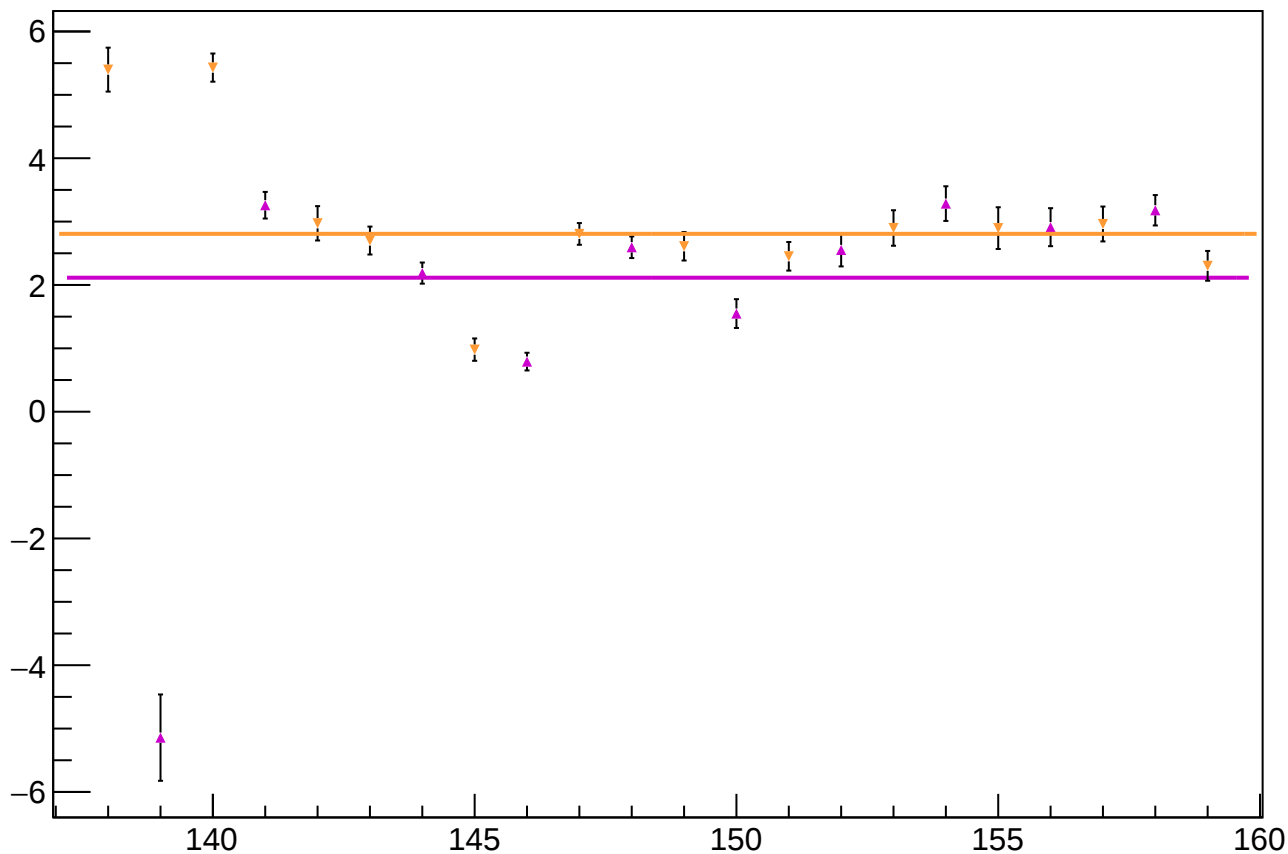
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.080+/-0.097 χ^2/NDF :1753.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.509+/-0.099 χ^2/NDF :886.2/9

Left: -6.307+/-0.069 χ^2/NDF : 2767.5/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.509+/-0.099 χ^2/NDF :886.2/9
 Out: -7.080+/-0.097 χ^2/NDF :1753.6/11
 All: -6.307+/-0.069 χ^2/NDF : 2767.5/21

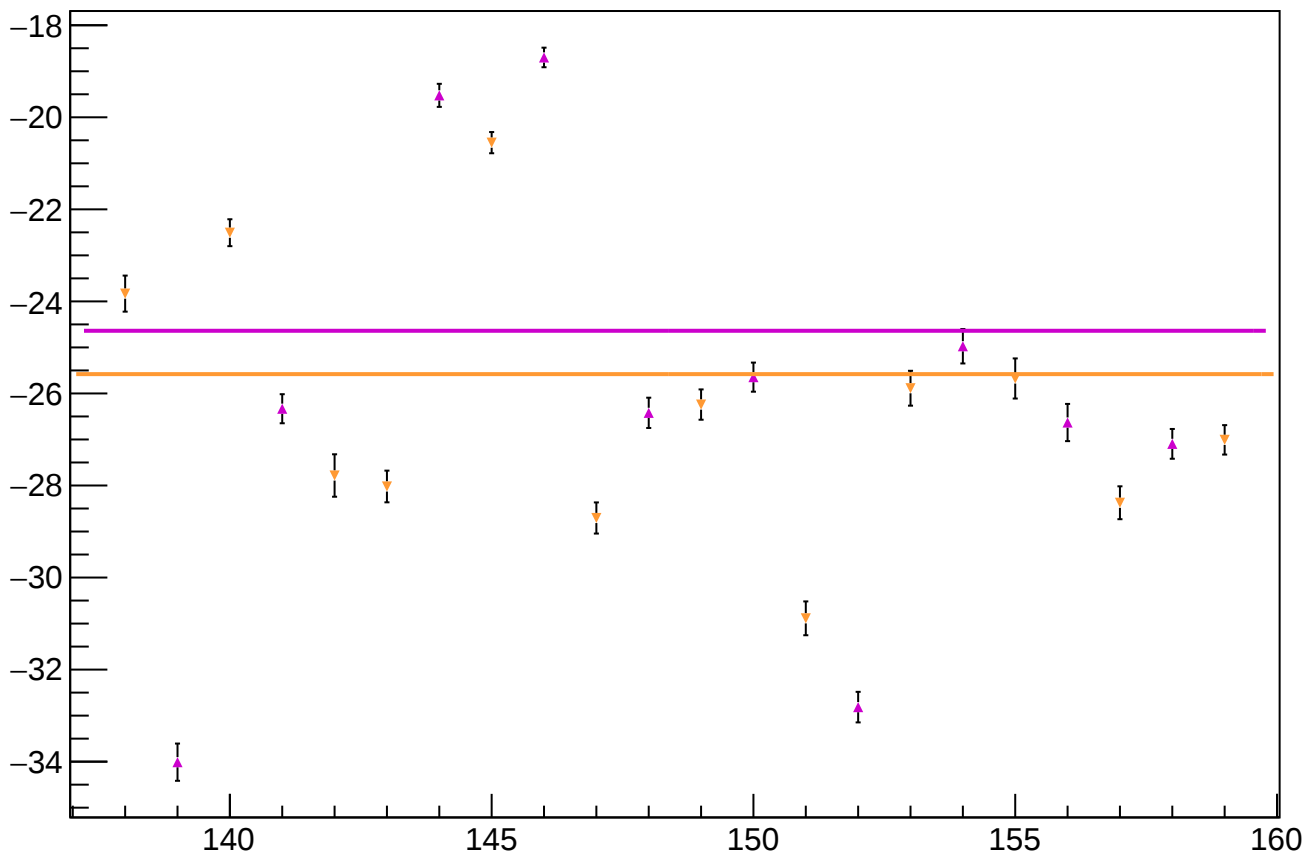
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 2.807+/-0.067 χ^2 /NDF:311.5/11
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 2.114+/-0.067 χ^2 /NDF:295.3/9

Left: 2.460+/-0.047 χ^2 /NDF: 660.0/21
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 2.114+/-0.067 χ^2 /NDF:295.3/9
 Out: 2.807+/-0.067 χ^2 /NDF:311.5/11
 All: 2.460+/-0.047 χ^2 /NDF: 660.0/21

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: -25.580+/-0.097 χ^2/NDF :1059.7/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Left: -25.109+/-0.069 χ^2/NDF : 3598.4/21

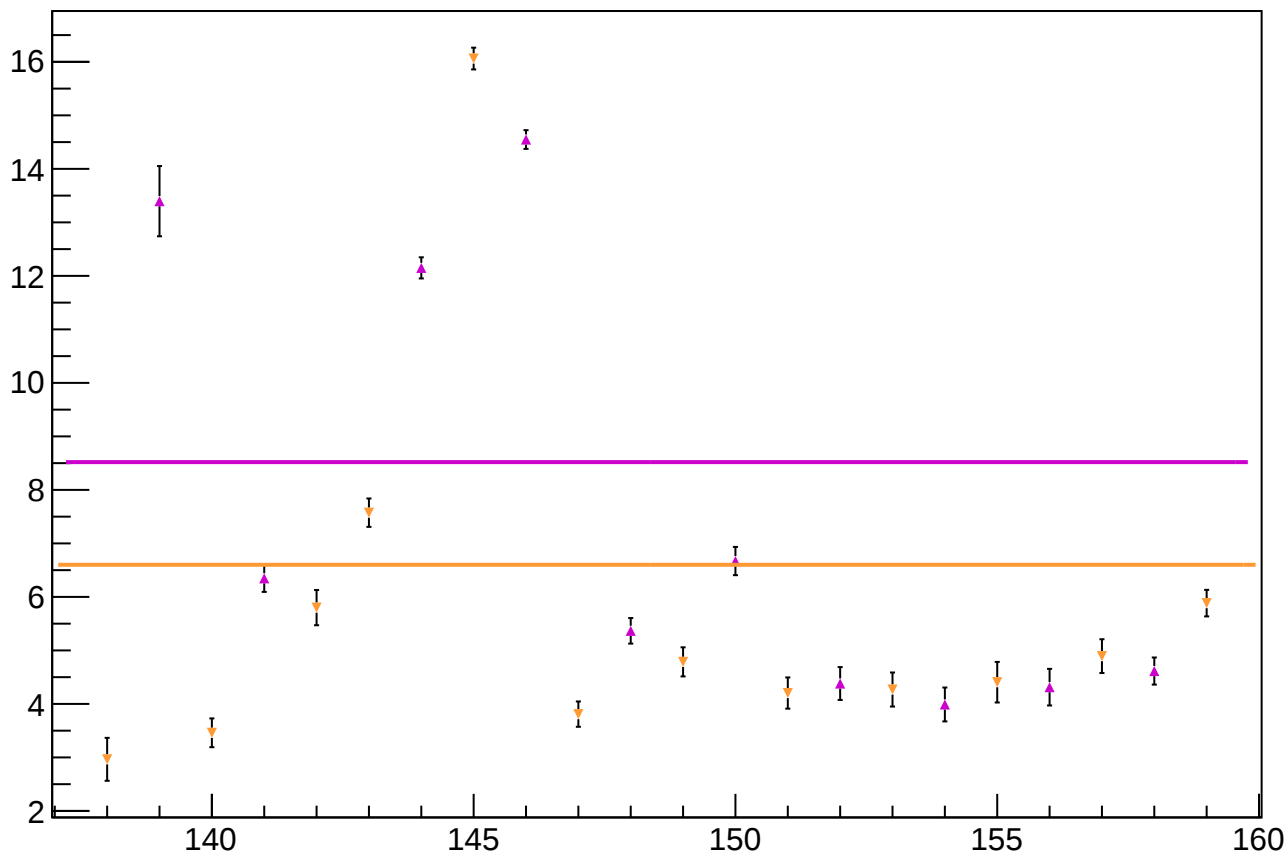
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Out: -25.580+/-0.097 χ^2/NDF :1059.7/11

All: -25.109+/-0.069 χ^2/NDF : 3598.4/21

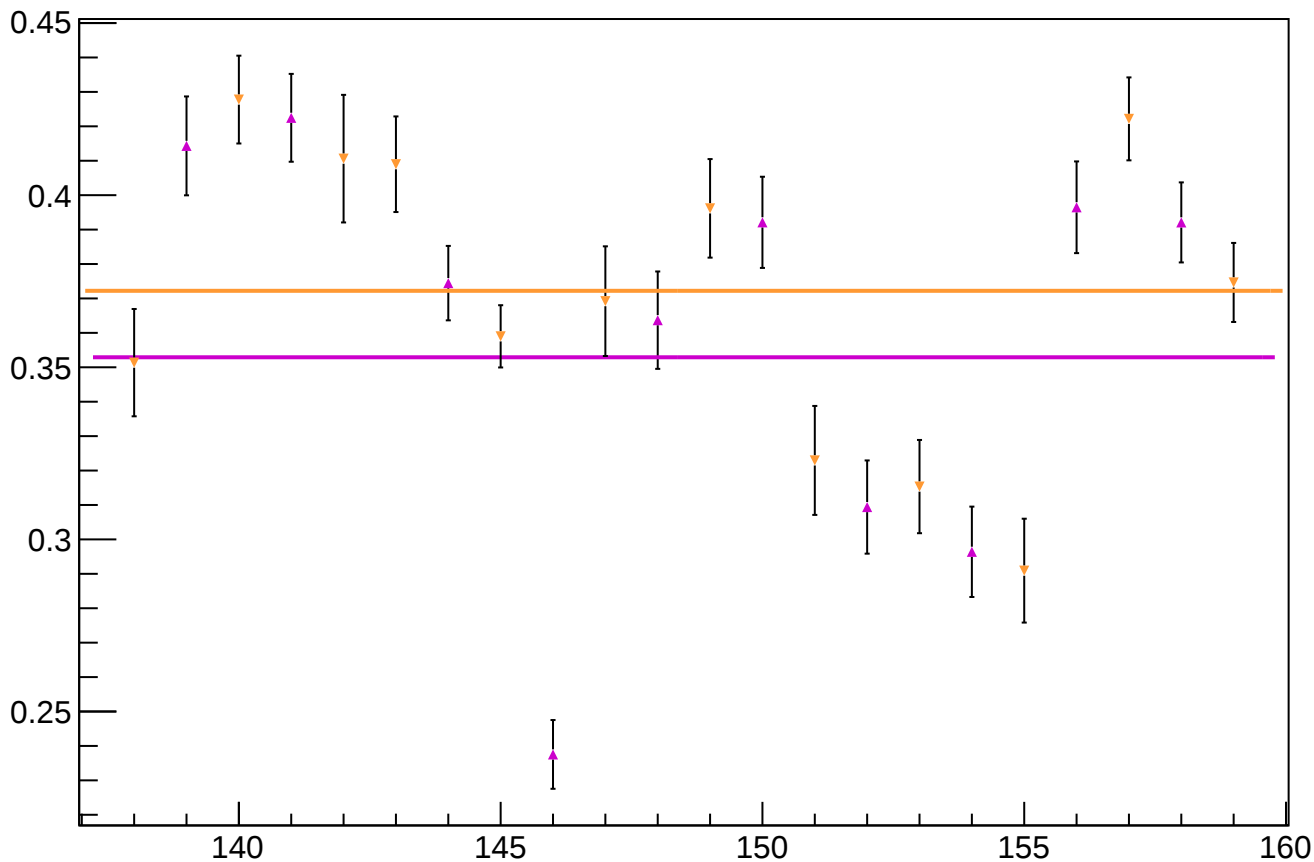
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 6.601 $\pm$ 0.081 χ^2/NDF :2781.4/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 8.519 $\pm$ 0.081 χ^2/NDF :2652.5/9

Left: 7.556 $\pm$ 0.057 χ^2/NDF : 5716.0/21
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 8.519 $\pm$ 0.081 χ^2/NDF :2652.5/9
 Out: 6.601 $\pm$ 0.081 χ^2/NDF :2781.4/11
 All: 7.556 $\pm$ 0.057 χ^2/NDF : 5716.0/21

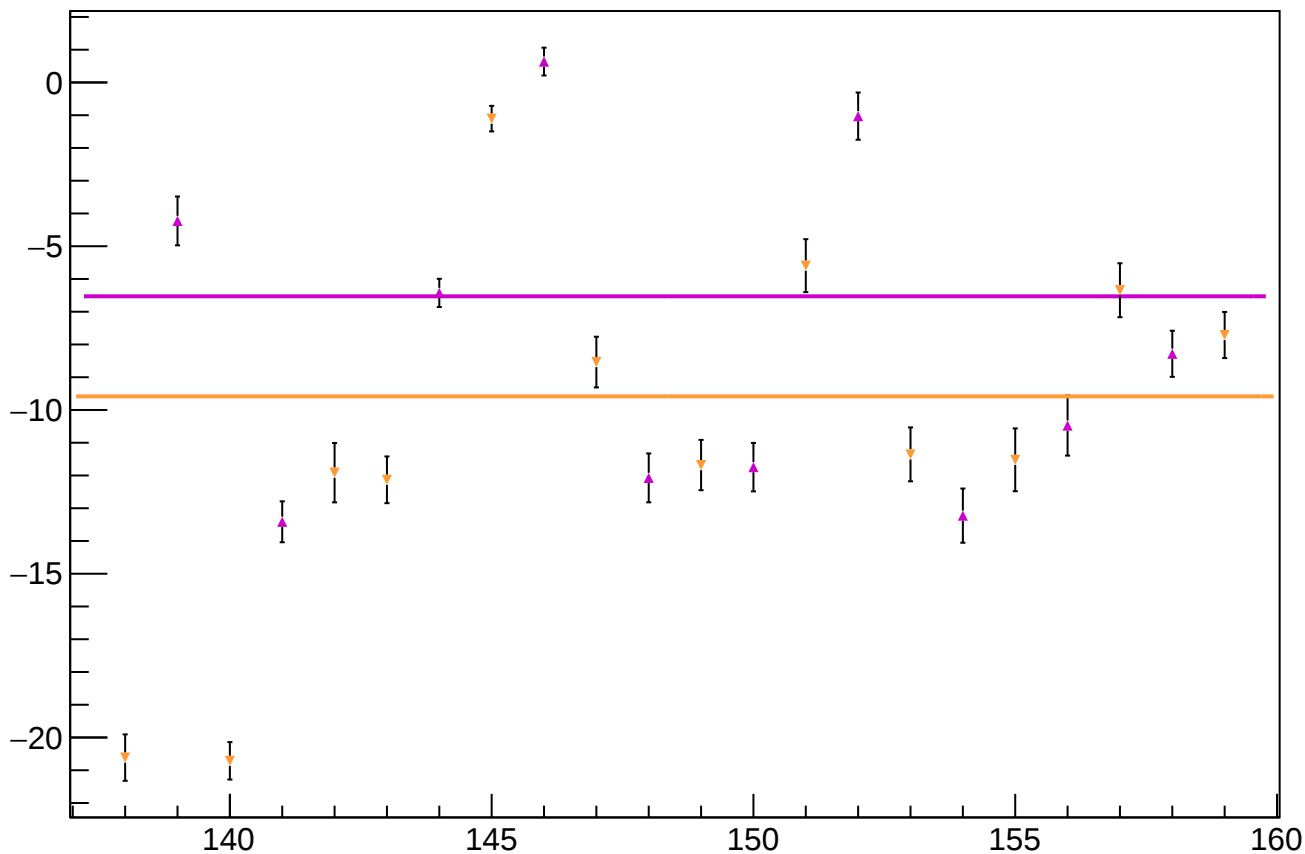
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.372 $\pm$ 0.004 χ^2 /NDF:110.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.353 $\pm$ 0.004 χ^2 /NDF:245.6/9

Left: 0.363 $\pm$ 0.003 χ^2 /NDF: 368.6/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.353 $\pm$ 0.004 χ^2 /NDF:245.6/9
 Out: 0.372 $\pm$ 0.004 χ^2 /NDF:110.6/11
 All: 0.363 $\pm$ 0.003 χ^2 /NDF: 368.6/21

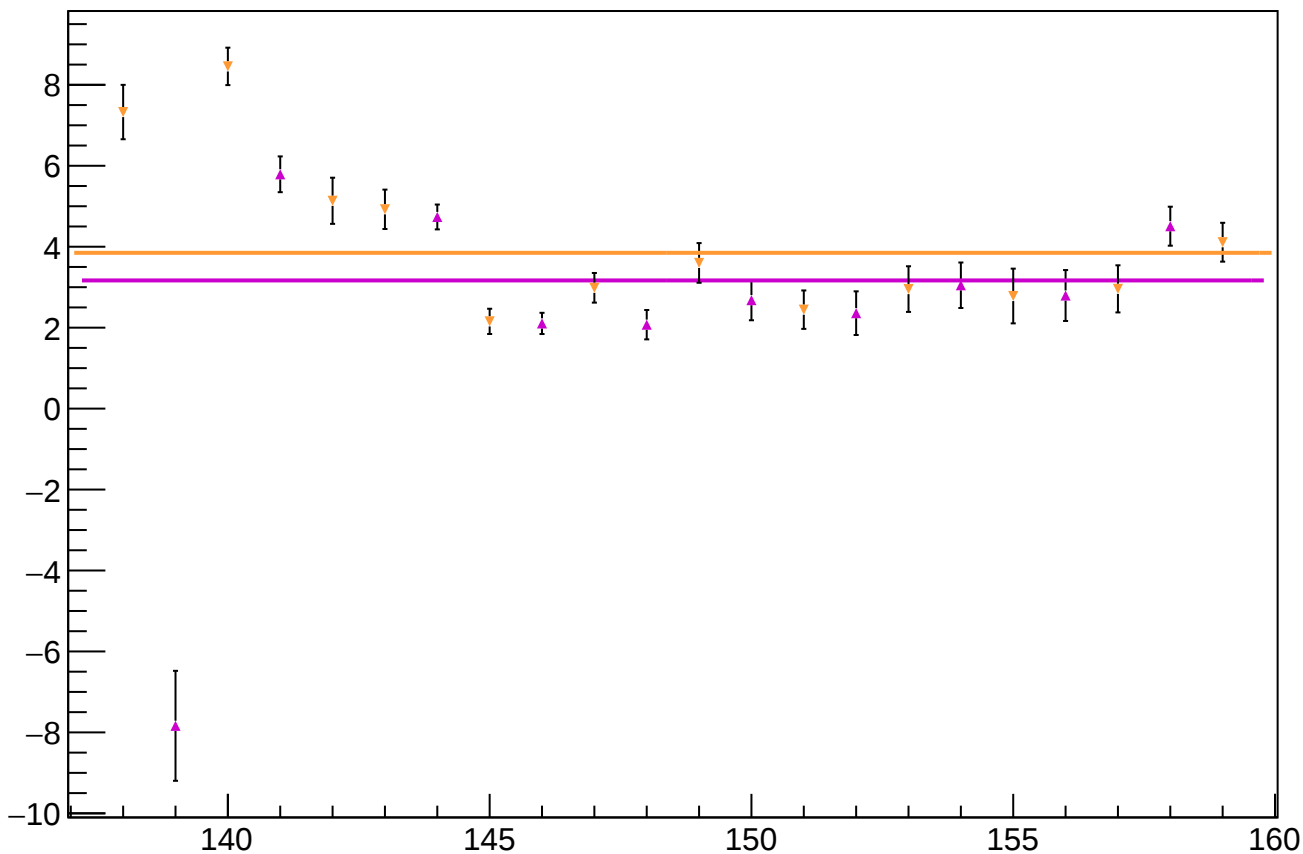
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left Out: -9.585 ± 0.197 $\chi^2/\text{NDF}: 1178.4/11$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Left In: -6.530 ± 0.198 $\chi^2/\text{NDF}: 669.7/9$

Left: -8.065 ± 0.140 $\chi^2/\text{NDF}: 1967.8/21$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 In: -6.530 ± 0.198 $\chi^2/\text{NDF}: 669.7/9$
 Out: -9.585 ± 0.197 $\chi^2/\text{NDF}: 1178.4/11$
 All: -8.065 ± 0.140 $\chi^2/\text{NDF}: 1967.8/21$

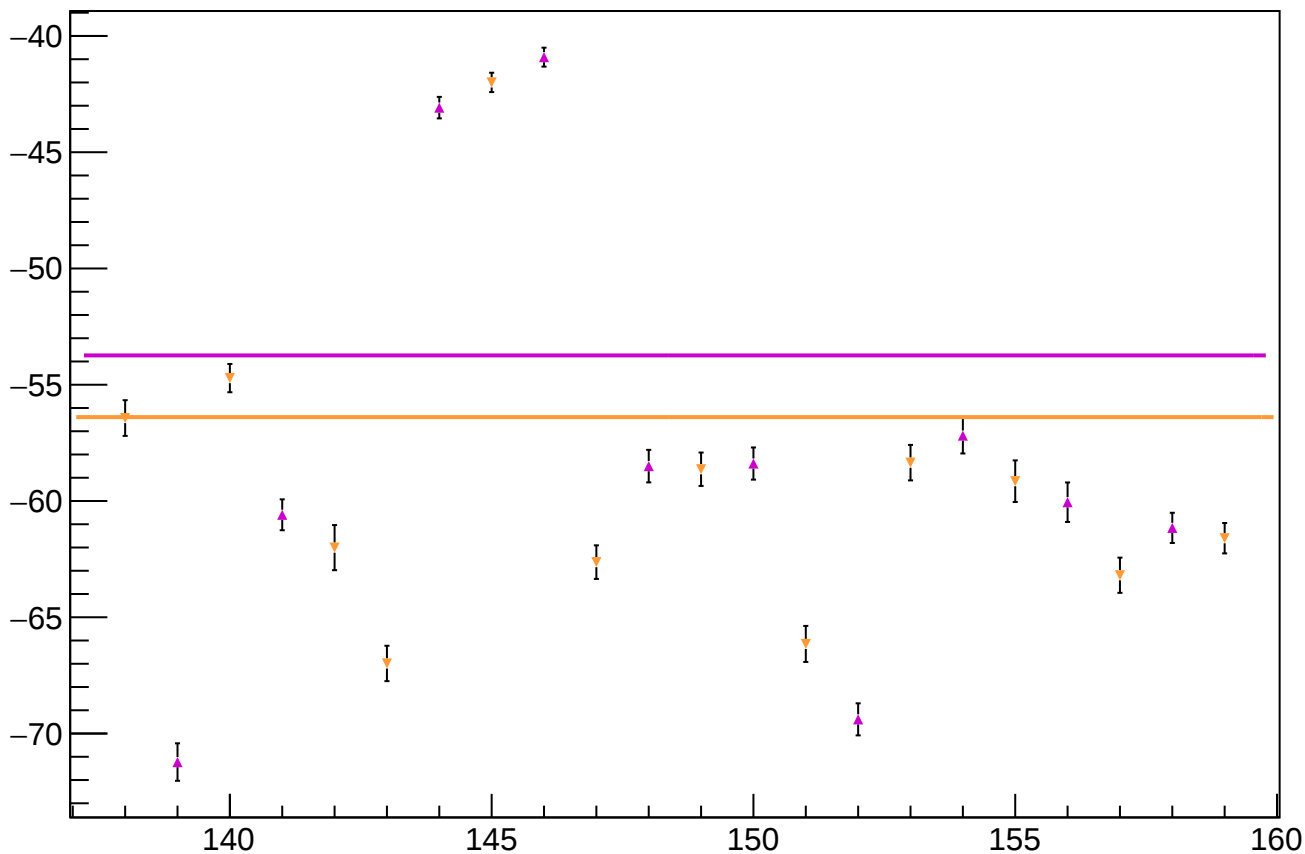
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.167+/-0.134 χ^2/NDF :163.7/9

Left: 3.500+/-0.096 χ^2/NDF : 364.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.167+/-0.134 χ^2/NDF :163.7/9
 Out: 3.849+/-0.137 χ^2/NDF :187.7/11
 All: 3.500+/-0.096 χ^2/NDF : 364.1/21

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: -56.392+/-0.198 χ^2/NDF :1836.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -53.738+/-0.195 χ^2/NDF :2909.9/9

Left: -55.049+/-0.139 χ^2/NDF : 4837.0/21

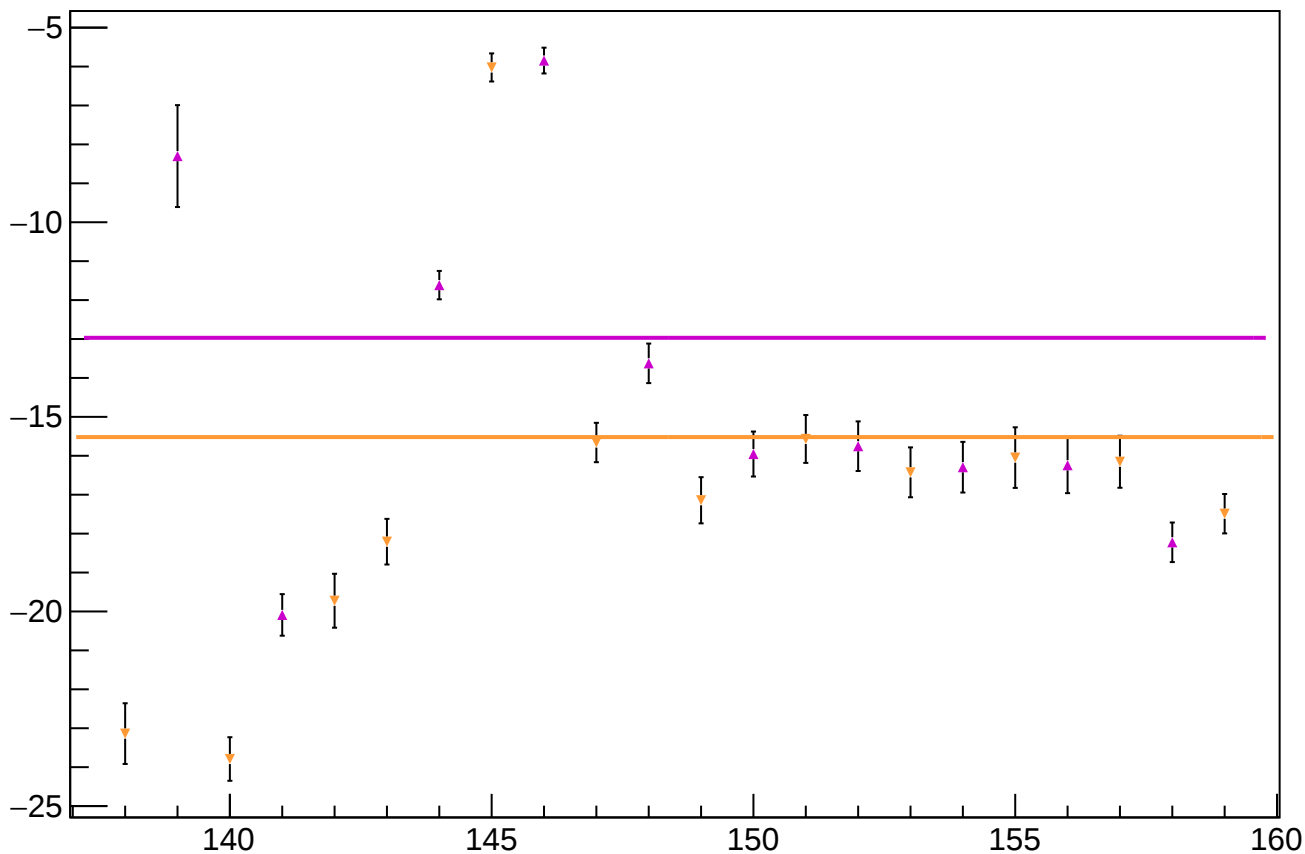
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.738+/-0.195 χ^2/NDF :2909.9/9

Out: -56.392+/-0.198 χ^2/NDF :1836.1/11

All: -55.049+/-0.139 χ^2/NDF : 4837.0/21

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: -15.520 $\pm$ 0.164 χ^2/NDF :1090.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: -12.969 $\pm$ 0.162 χ^2/NDF :868.2/9

Left: -14.226 $\pm$ 0.115 χ^2/NDF : 2080.8/21

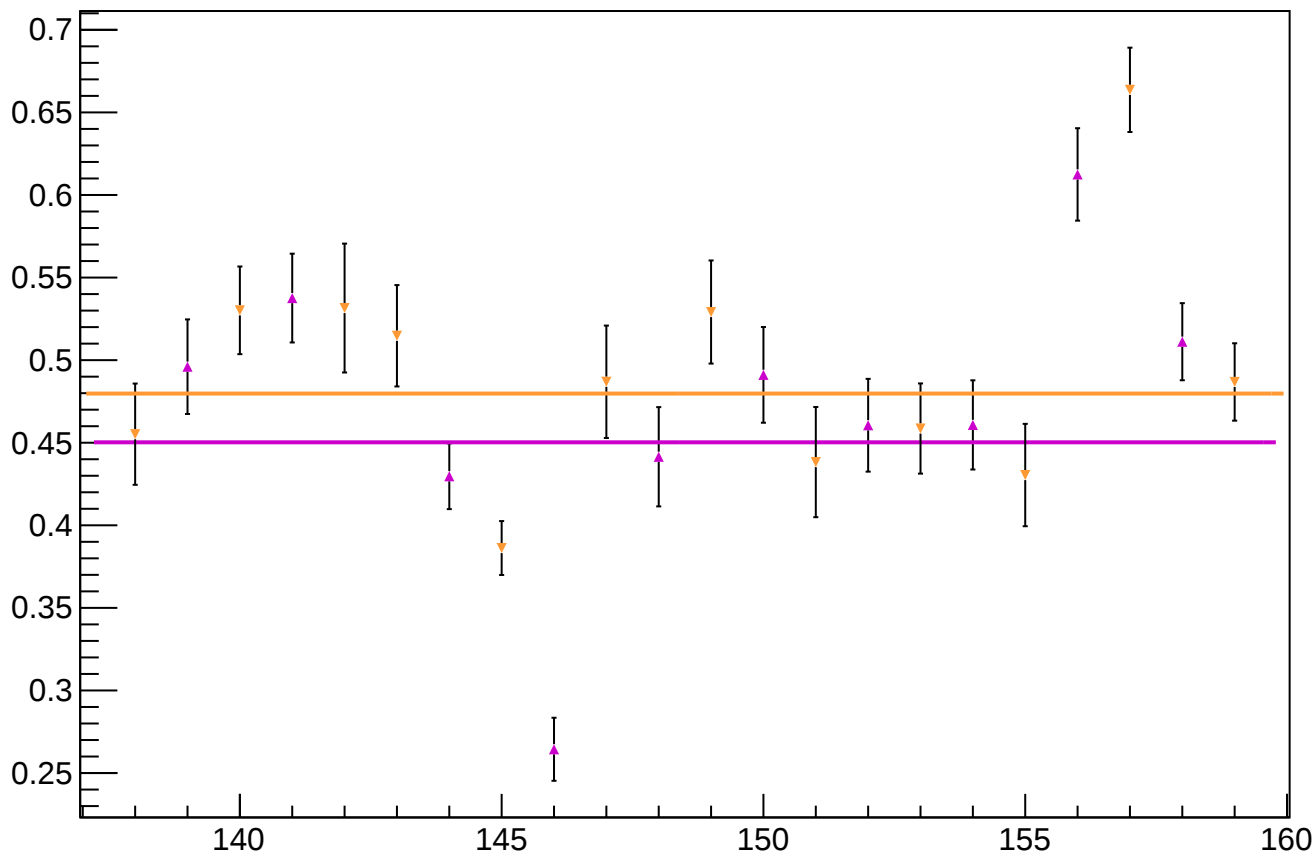
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -12.969 $\pm$ 0.162 χ^2/NDF :868.2/9

Out: -15.520 $\pm$ 0.164 χ^2/NDF :1090.1/11

All: -14.226 $\pm$ 0.115 χ^2/NDF : 2080.8/21

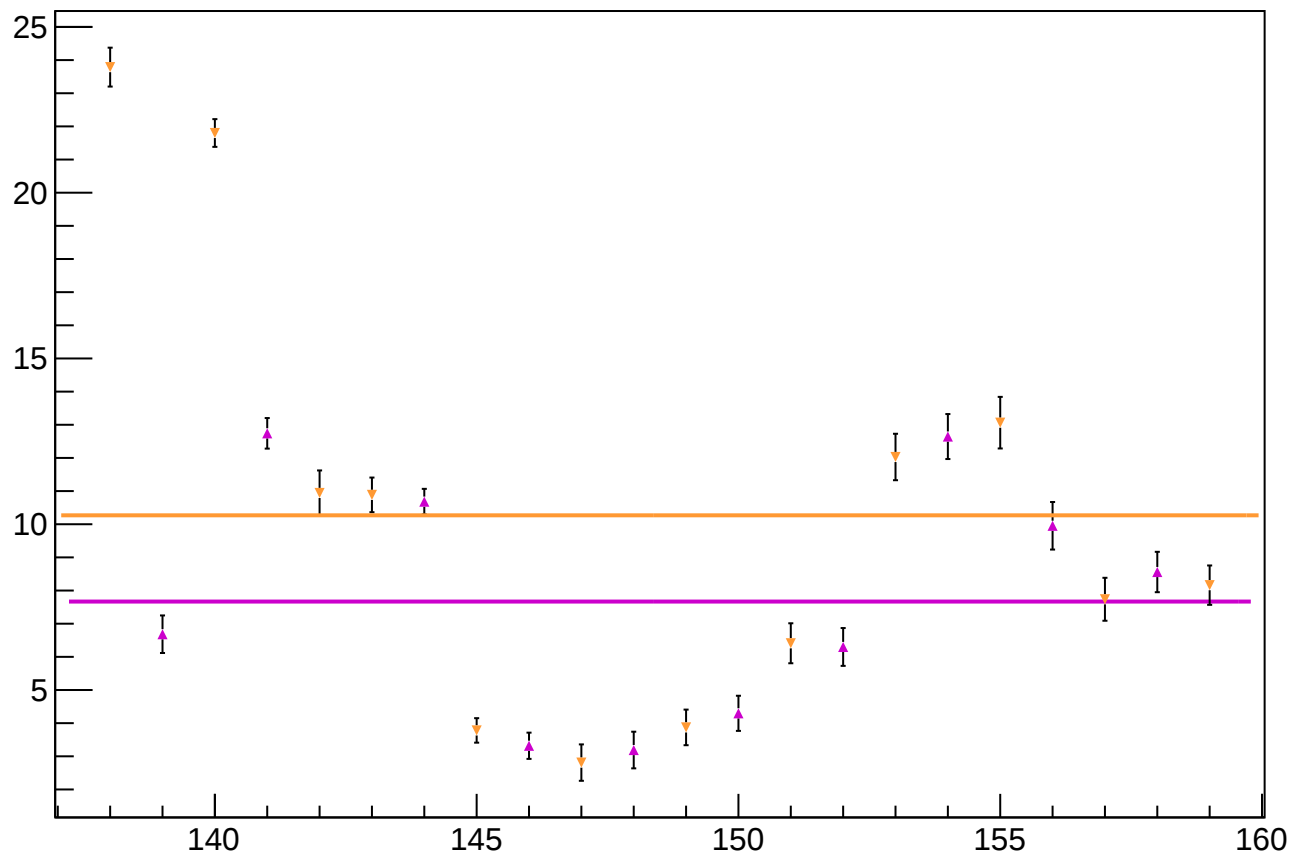
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.480+/-0.008 χ^2/NDF :99.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.450+/-0.008 χ^2/NDF :151.8/9

Left: 0.465+/-0.006 χ^2/NDF : 258.2/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.450+/-0.008 χ^2/NDF :151.8/9
 Out: 0.480+/-0.008 χ^2/NDF :99.4/11
 All: 0.465+/-0.006 χ^2/NDF : 258.2/21

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: 10.269+/-0.158 χ^2/NDF :2016.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.668+/-0.163 χ^2/NDF :483.9/9

Left: 9.012+/-0.113 χ^2/NDF : 2631.8/21

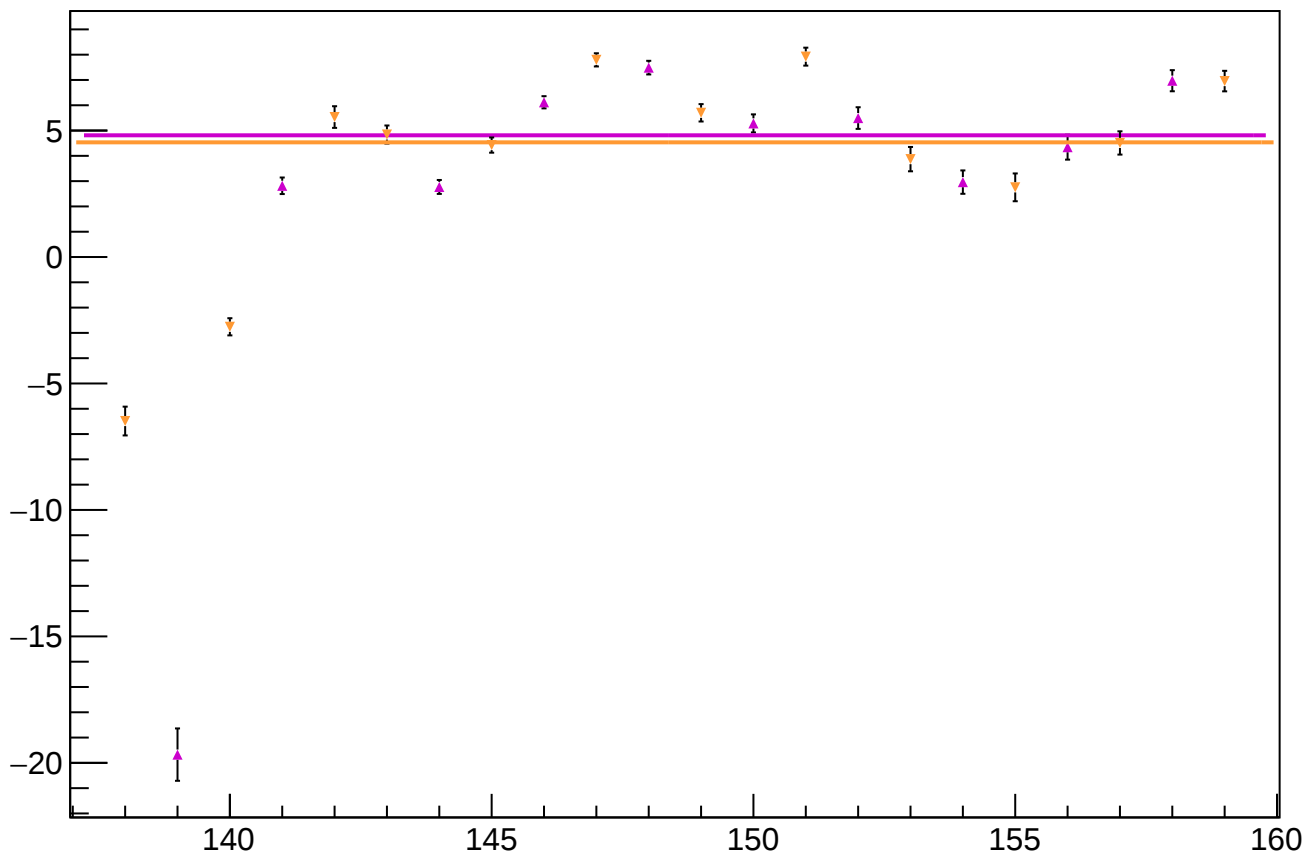
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.668+/-0.163 χ^2/NDF :483.9/9

Out: 10.269+/-0.158 χ^2/NDF :2016.3/11

All: 9.012+/-0.113 χ^2/NDF : 2631.8/21

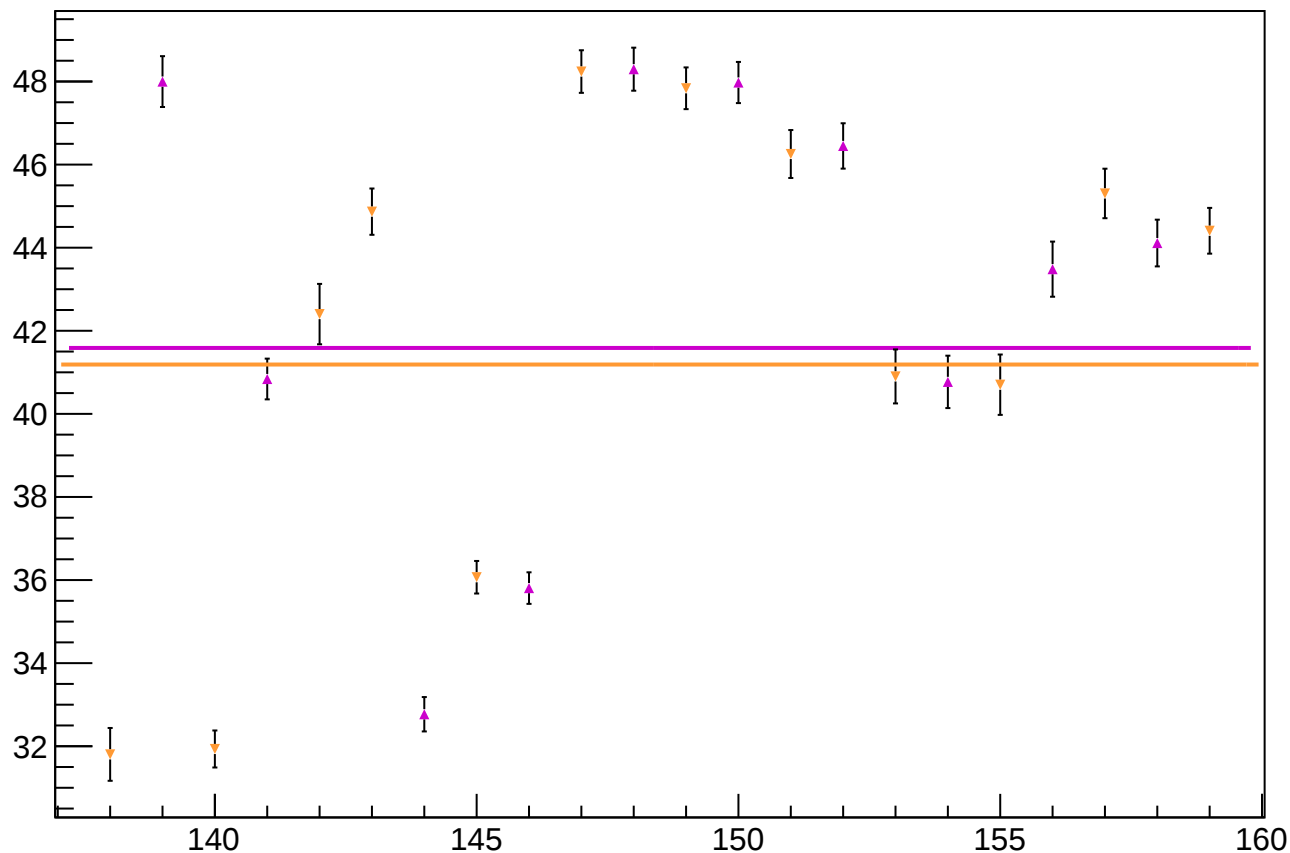
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9

Left: 4.670 $\pm$ 0.077 χ^2 /NDF: 1980.3/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 4.812 $\pm$ 0.110 χ^2 /NDF:827.5/9
 Out: 4.534 $\pm$ 0.108 χ^2 /NDF:1149.5/11
 All: 4.670 $\pm$ 0.077 χ^2 /NDF: 1980.3/21

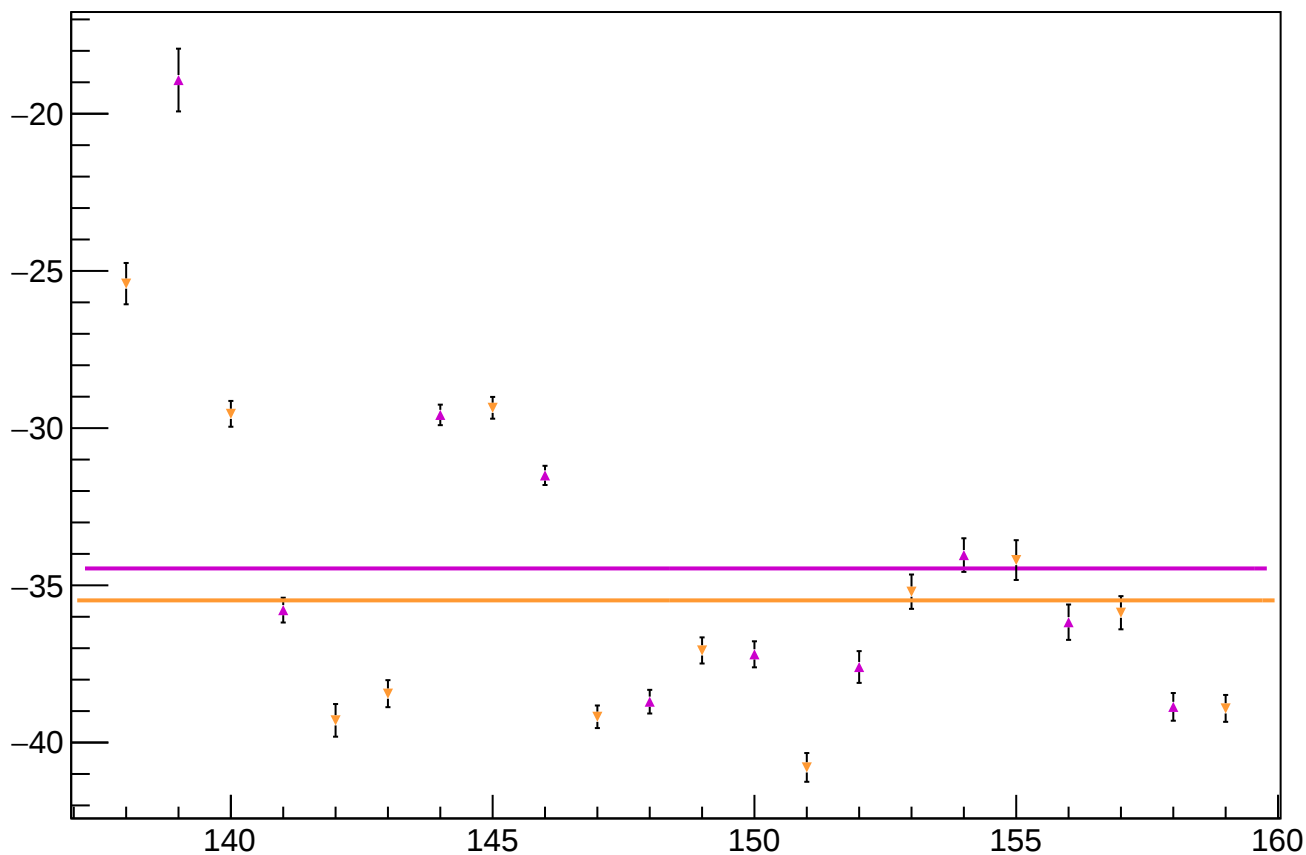
reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left Out: 41.188+/-0.158 χ^2 /NDF:1390.9/11
 Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 41.587+/-0.161 χ^2 /NDF:1241.2/9

Left: 41.383+/-0.113 χ^2 /NDF: 2635.2/21
 Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 41.587+/-0.161 χ^2 /NDF:1241.2/9
 Out: 41.188+/-0.158 χ^2 /NDF:1390.9/11
 All: 41.383+/-0.113 χ^2 /NDF: 2635.2/21

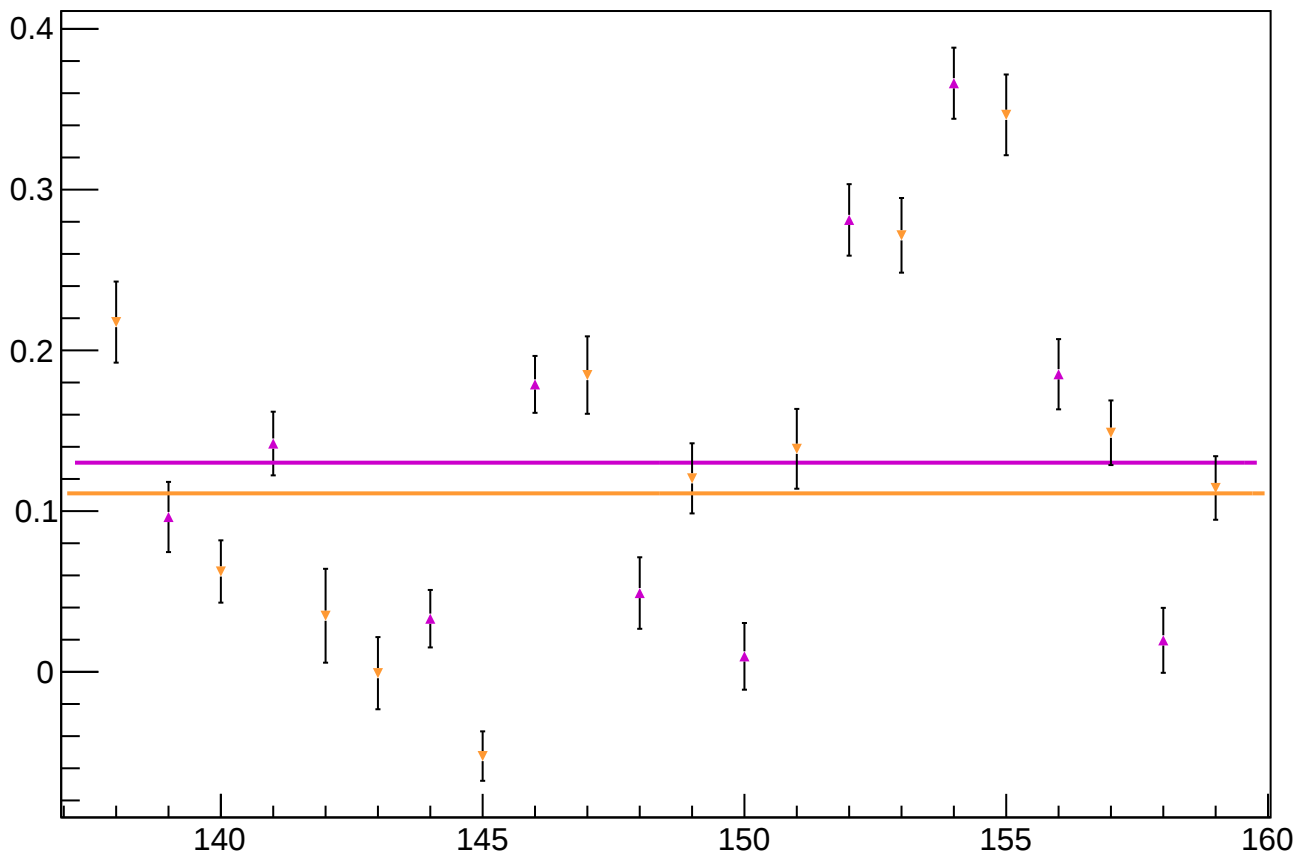
reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -34.463+/-0.133 χ^2/NDF :890.1/9

Left: -34.983+/-0.093 χ^2/NDF : 2103.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -34.463+/-0.133 χ^2/NDF :890.1/9
 Out: -35.479+/-0.130 χ^2/NDF :1183.4/11
 All: -34.983+/-0.093 χ^2/NDF : 2103.1/21

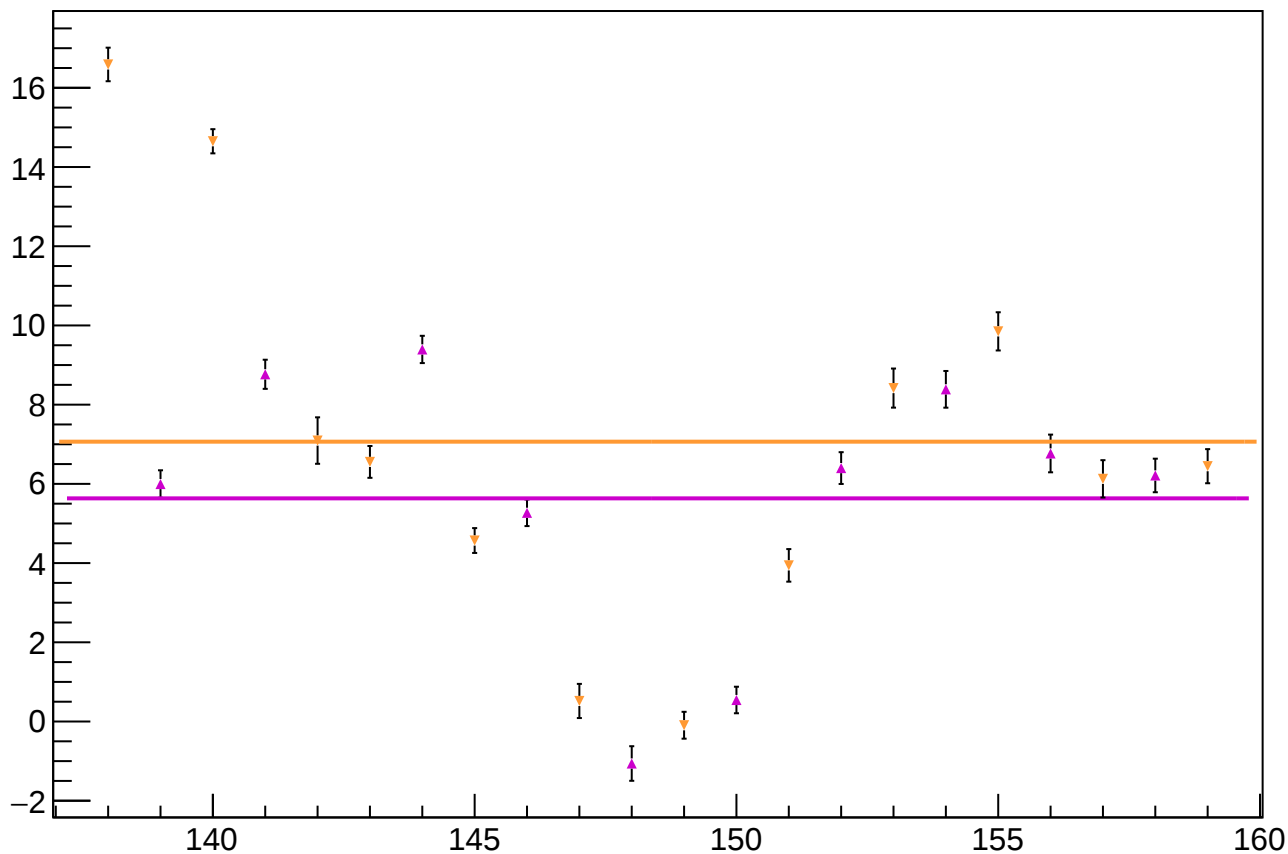
reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.130+/-0.006 χ^2/NDF :283.1/9

Left: 0.120+/-0.004 χ^2/NDF : 606.3/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.130+/-0.006 χ^2/NDF :283.1/9
 Out: 0.111+/-0.006 χ^2/NDF :318.7/11
 All: 0.120+/-0.004 χ^2/NDF : 606.3/21

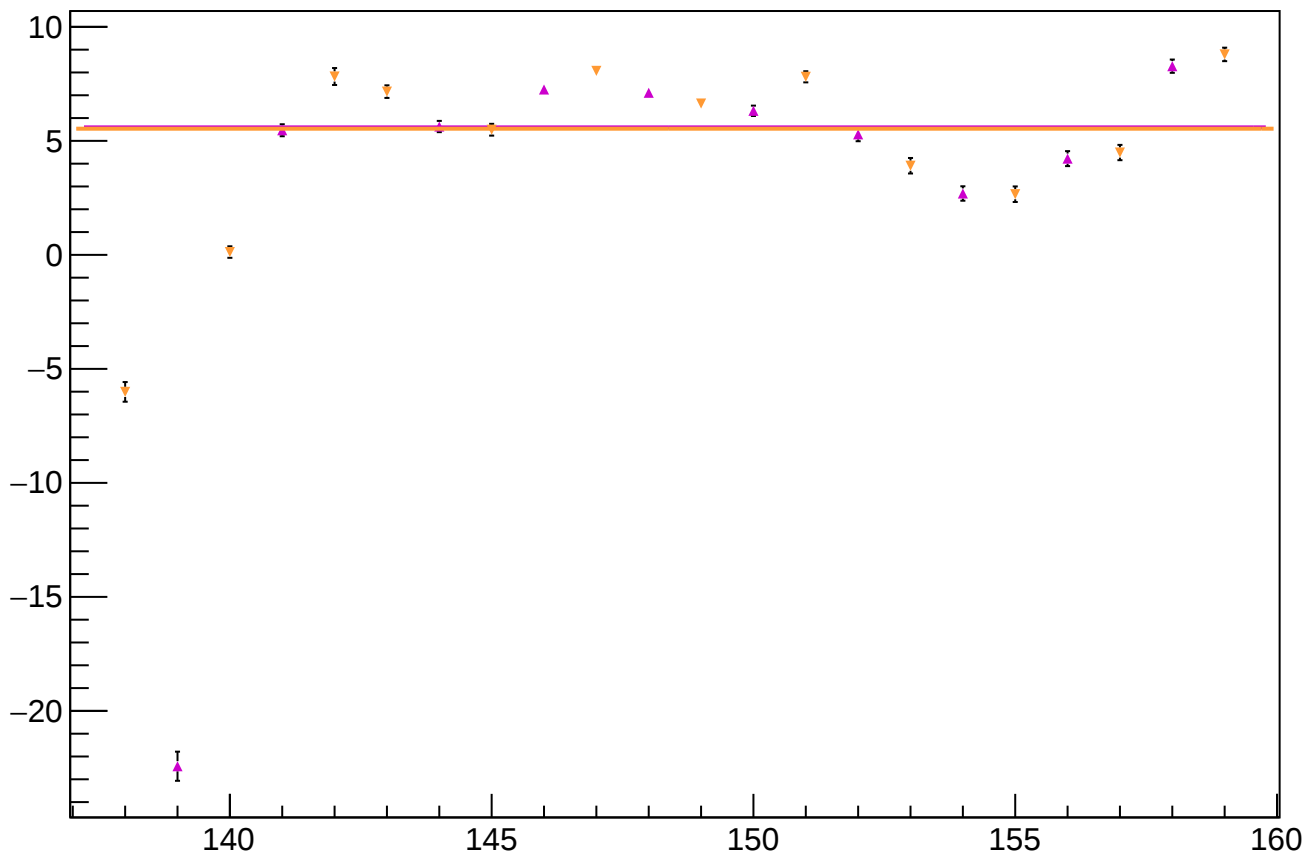
reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 7.066+/-0.116 χ^2/NDF :1968.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.634+/-0.121 χ^2/NDF :706.4/9

Left: 6.379+/-0.084 χ^2/NDF : 2747.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.634+/-0.121 χ^2/NDF :706.4/9
 Out: 7.066+/-0.116 χ^2/NDF :1968.5/11
 All: 6.379+/-0.084 χ^2/NDF : 2747.4/21

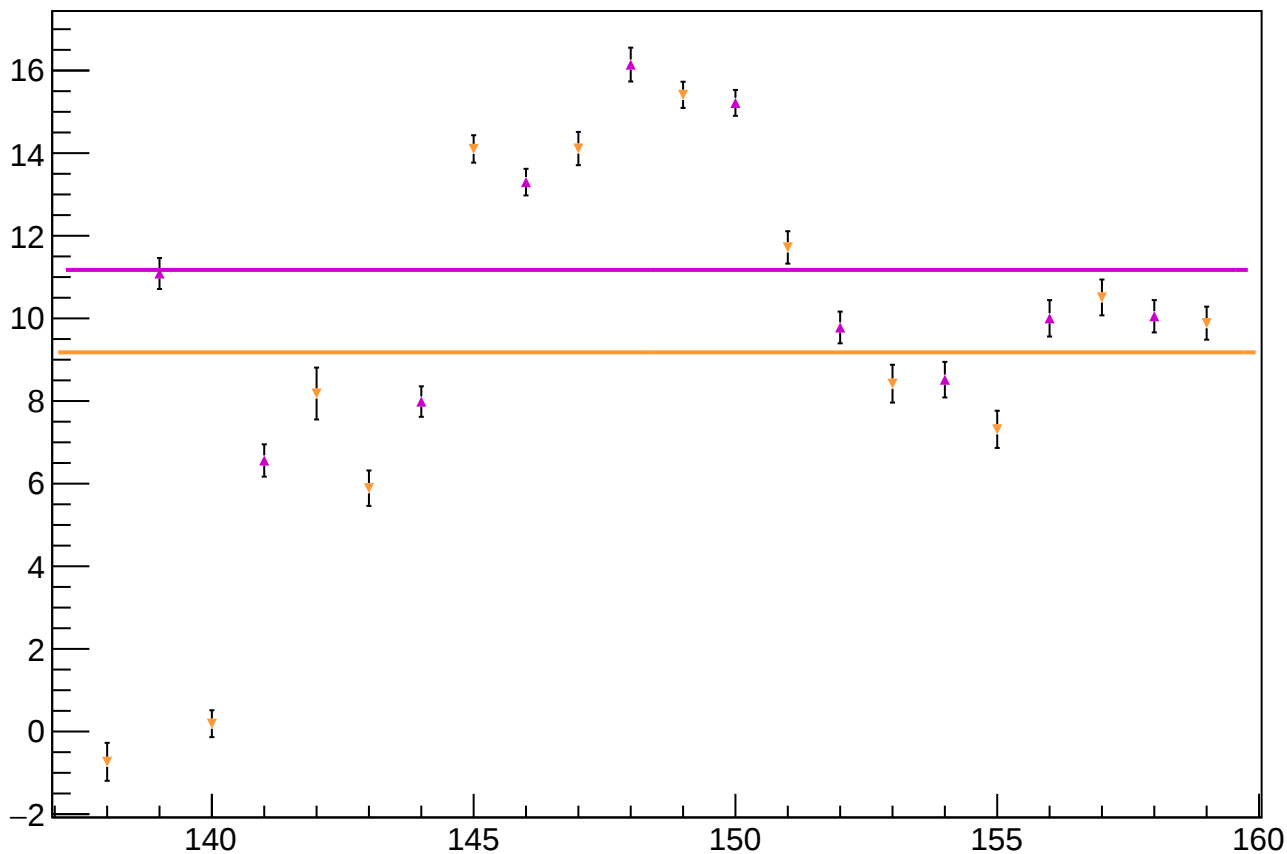
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.534+/-0.080 χ^2/NDF :1733.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 5.592+/-0.085 χ^2/NDF :2230.5/9

Left: 5.561+/-0.058 χ^2/NDF : 3964.1/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 5.592+/-0.085 χ^2/NDF :2230.5/9
 Out: 5.534+/-0.080 χ^2/NDF :1733.3/11
 All: 5.561+/-0.058 χ^2/NDF : 3964.1/21

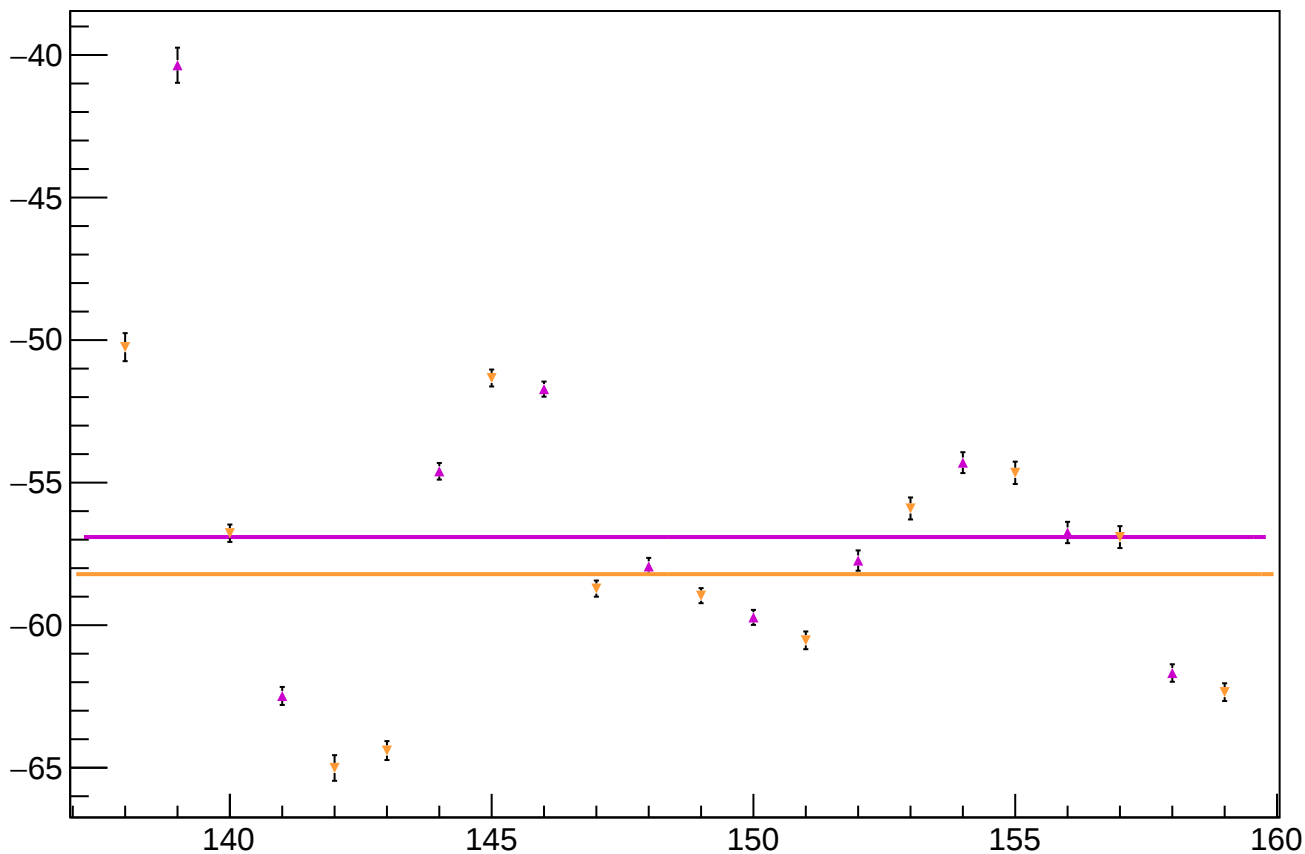
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 9.178+/-0.115 χ^2/NDF :2121.5/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 11.174+/-0.119 χ^2/NDF :637.6/9

Left: 10.145+/-0.083 χ^2/NDF : 2904.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 11.174+/-0.119 χ^2/NDF :637.6/9
 Out: 9.178+/-0.115 χ^2/NDF :2121.5/11
 All: 10.145+/-0.083 χ^2/NDF : 2904.0/21

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: -58.211+/-0.096 χ^2/NDF :1769.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -56.908+/-0.101 χ^2/NDF :1902.0/9

Left: -57.592+/-0.070 χ^2/NDF : 3758.5/21

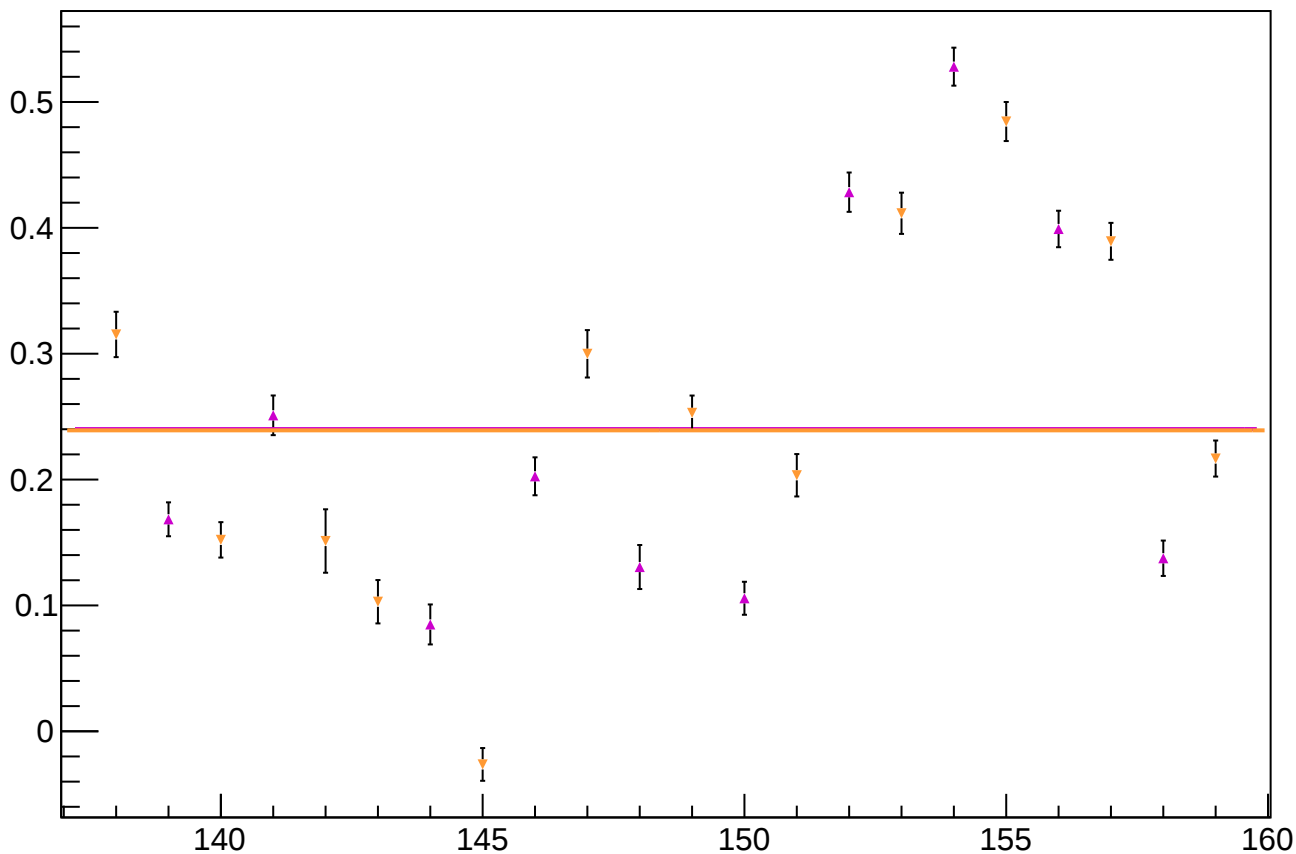
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.908+/-0.101 χ^2/NDF :1902.0/9

Out: -58.211+/-0.096 χ^2/NDF :1769.7/11

All: -57.592+/-0.070 χ^2/NDF : 3758.5/21

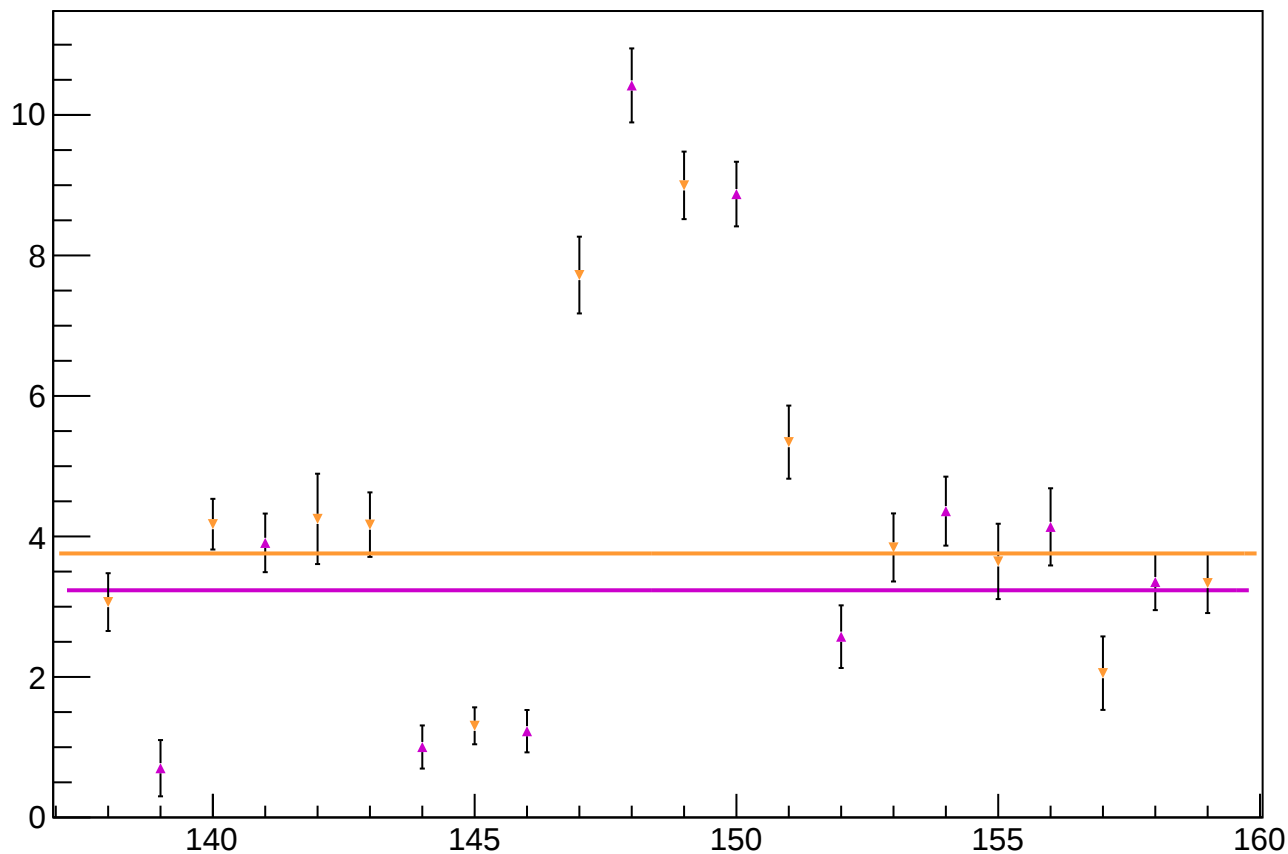
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.239+/-0.005 χ^2/NDF :1031.1/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.240+/-0.005 χ^2/NDF :957.9/9

Left: 0.240+/-0.003 χ^2/NDF : 1989.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.240+/-0.005 χ^2/NDF :957.9/9
 Out: 0.239+/-0.005 χ^2/NDF :1031.1/11
 All: 0.240+/-0.003 χ^2/NDF : 1989.0/21

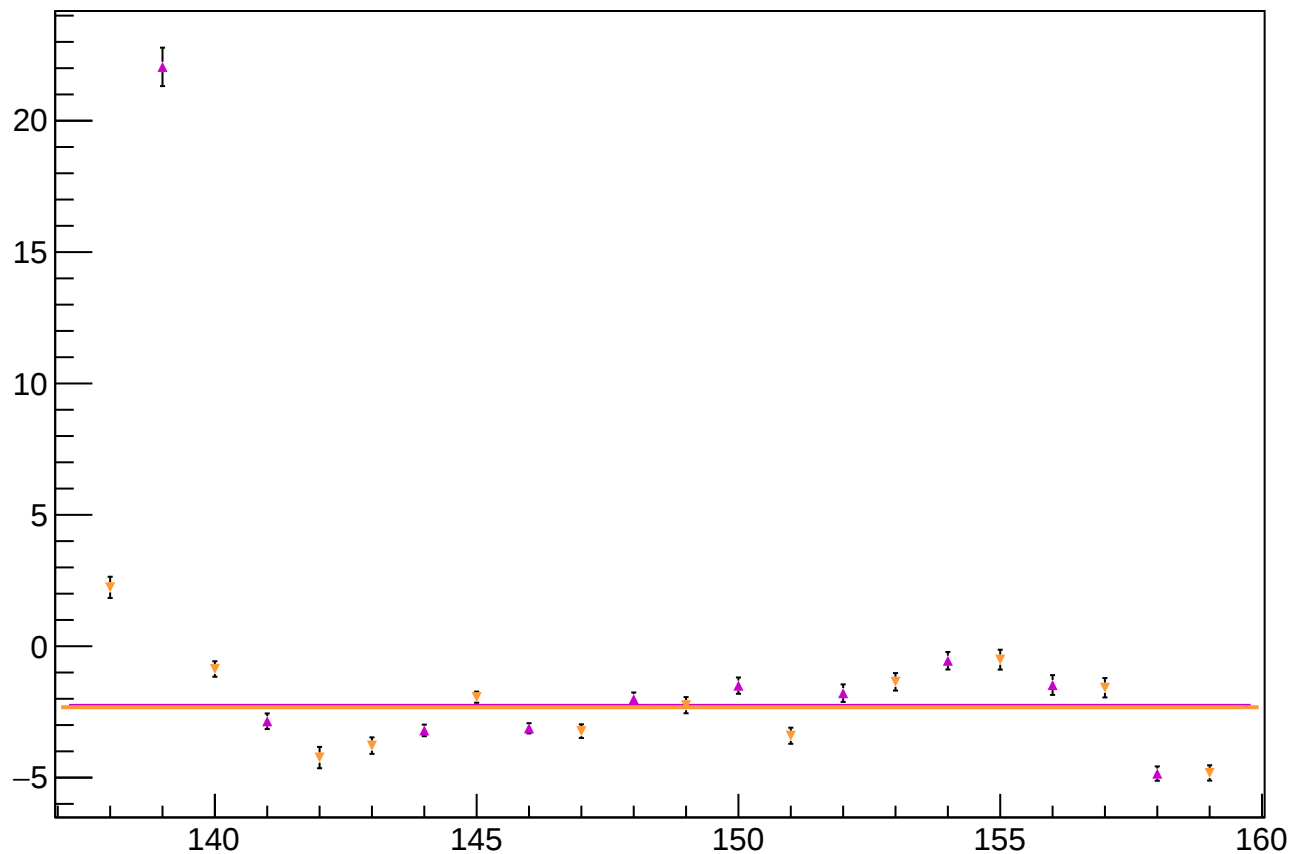
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.758+/-0.125 χ^2/NDF :285.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 3.234+/-0.128 χ^2/NDF :486.5/9

Left: 3.502+/-0.090 χ^2/NDF : 780.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.234+/-0.128 χ^2/NDF :486.5/9
 Out: 3.758+/-0.125 χ^2/NDF :285.0/11
 All: 3.502+/-0.090 χ^2/NDF : 780.0/21

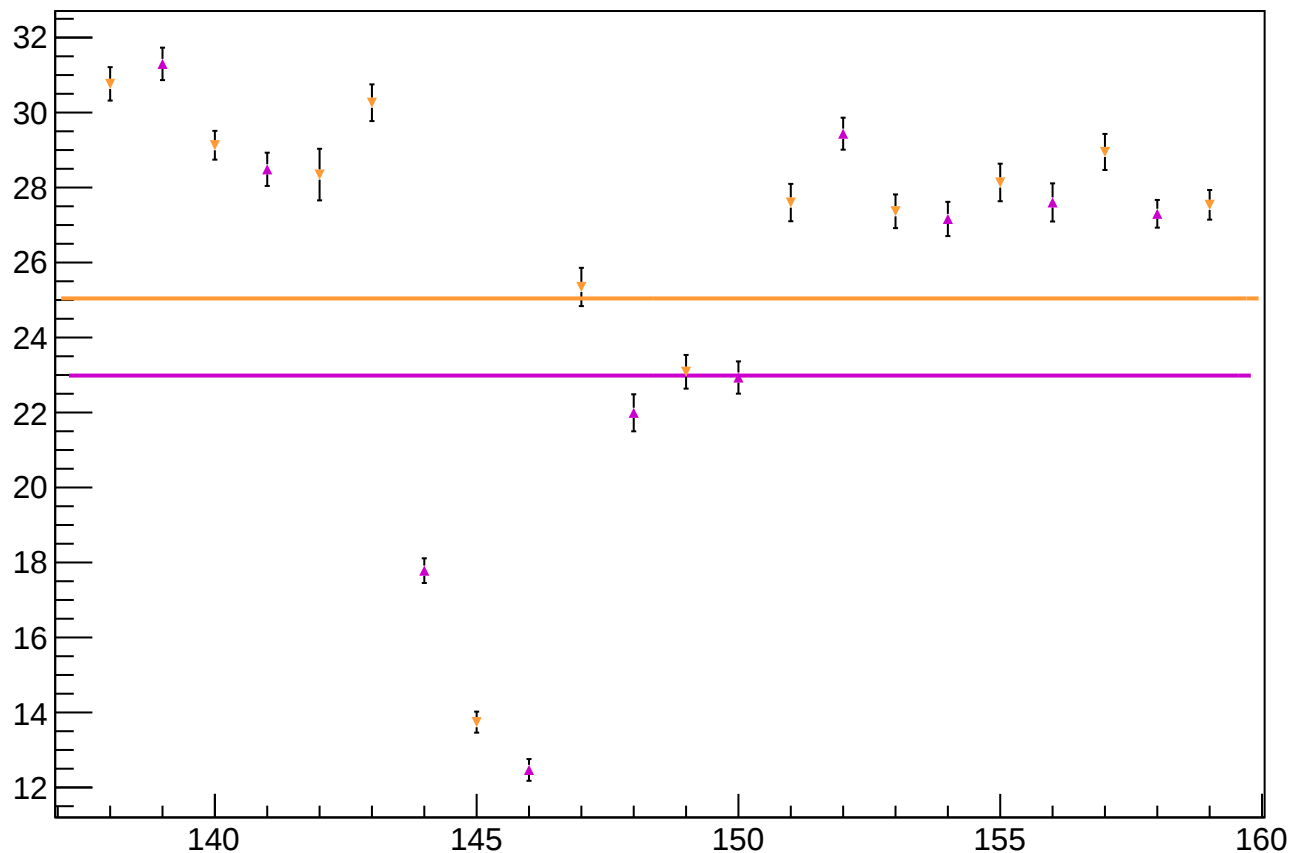
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -2.271+/-0.090 χ^2/NDF :1276.2/9

Left: -2.296+/-0.063 χ^2/NDF : 1609.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.271+/-0.090 χ^2/NDF :1276.2/9
 Out: -2.321+/-0.089 χ^2/NDF :332.7/11
 All: -2.296+/-0.063 χ^2/NDF : 1609.0/21

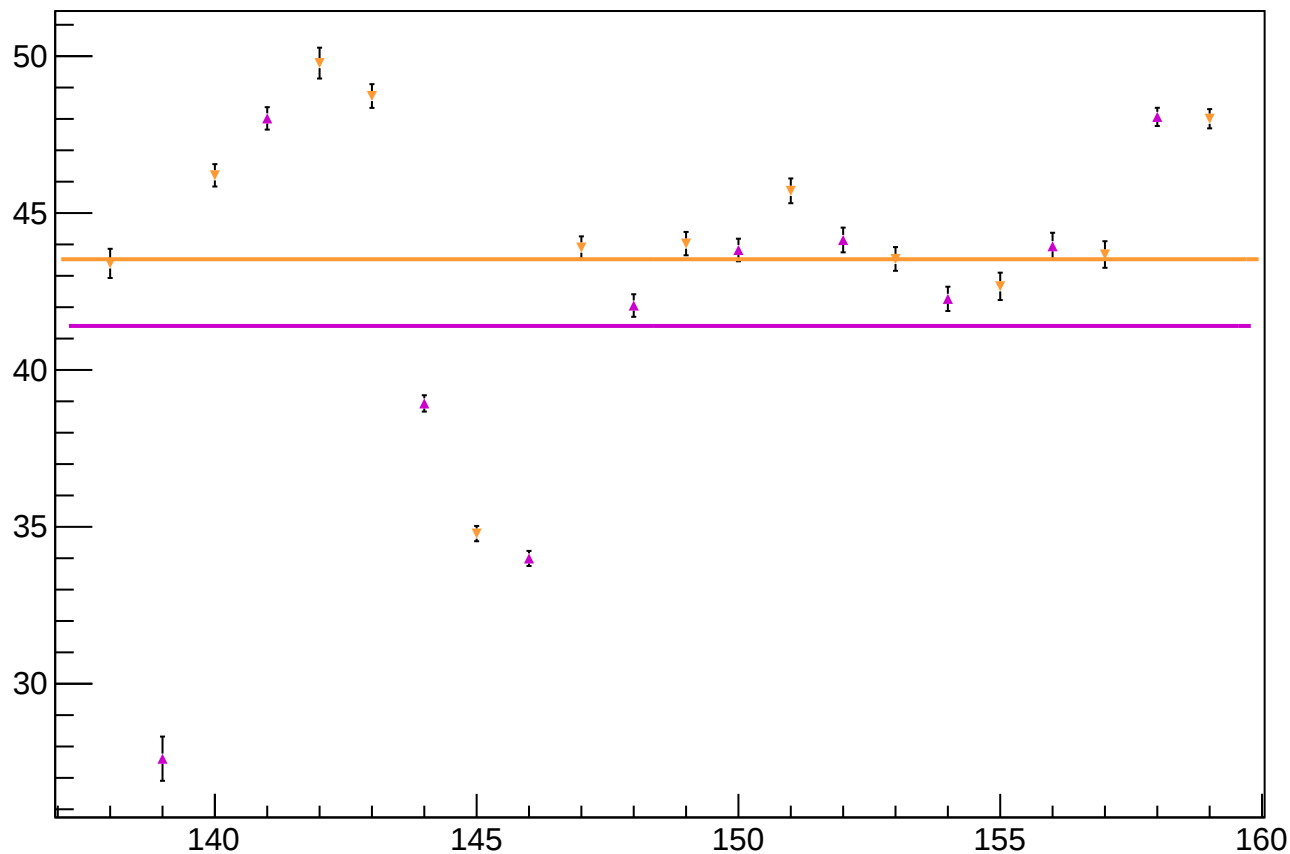
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 25.042+/-0.126 χ^2/NDF :2256.0/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 22.985+/-0.126 χ^2/NDF :2622.9/9

Left: 24.020+/-0.089 χ^2/NDF : 5012.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 22.985+/-0.126 χ^2/NDF :2622.9/9
 Out: 25.042+/-0.126 χ^2/NDF :2256.0/11
 All: 24.020+/-0.089 χ^2/NDF : 5012.0/21

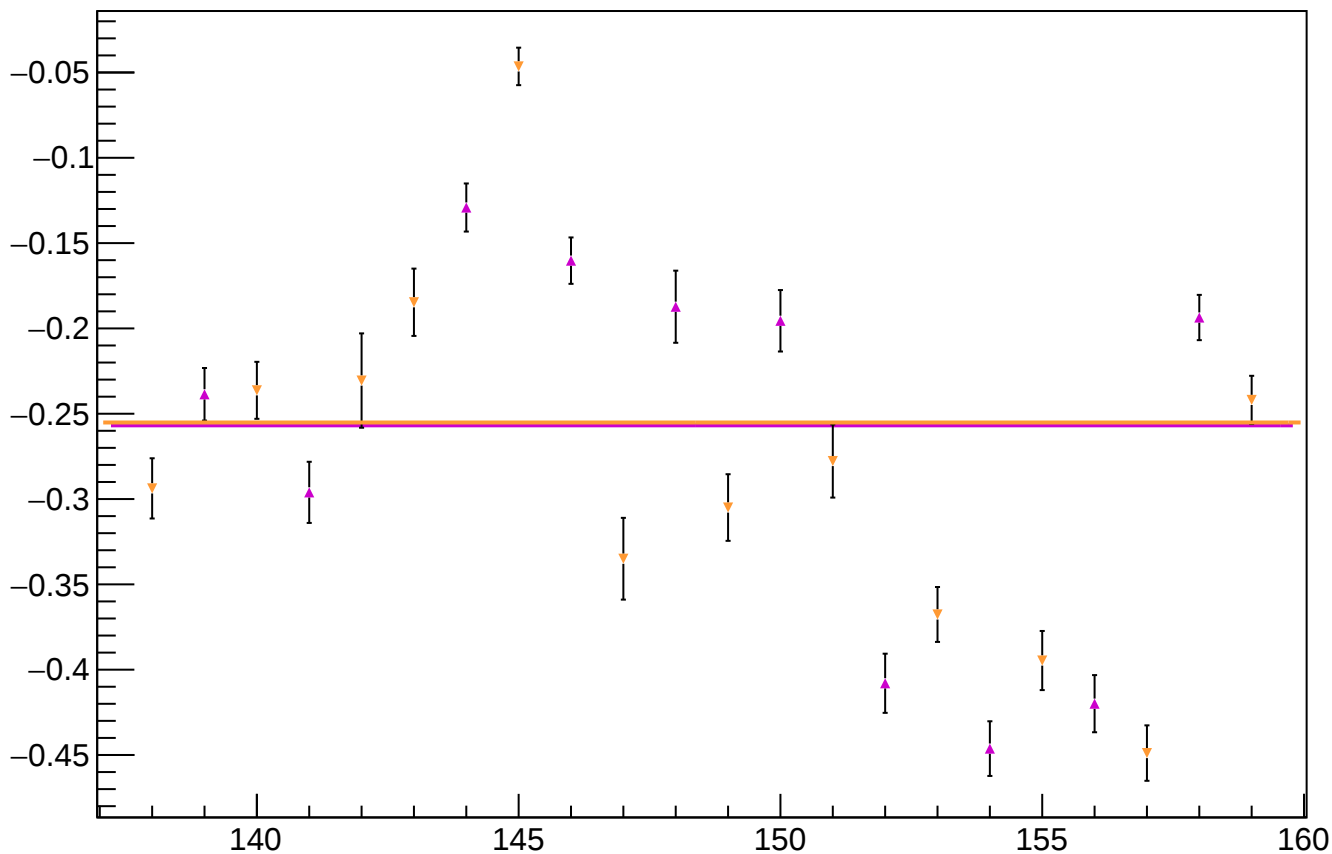
reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 41.403+/-0.107 χ^2/NDF :2430.2/9

Left: 42.481+/-0.075 χ^2/NDF : 4572.9/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 41.403+/-0.107 χ^2/NDF :2430.2/9
 Out: 43.529+/-0.105 χ^2/NDF :1941.4/11
 All: 42.481+/-0.075 χ^2/NDF : 4572.9/21

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.255+/-0.005 χ^2/NDF : 656.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.257+/-0.005 χ^2/NDF : 494.4/9

Left: -0.256+/-0.004 χ^2/NDF : 1150.6/21

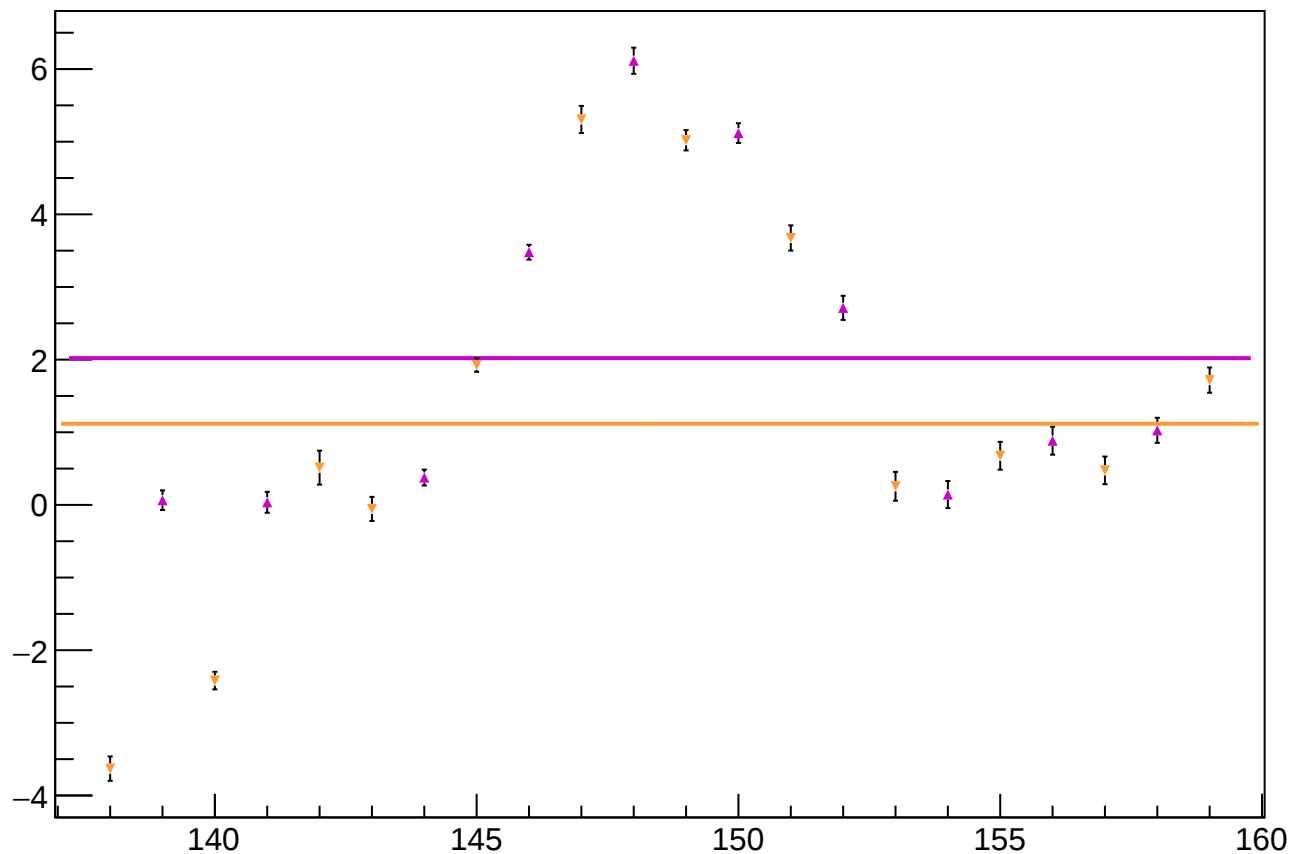
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.257+/-0.005 χ^2/NDF : 494.4/9

Out: -0.255+/-0.005 χ^2/NDF : 656.1/11

All: -0.256+/-0.004 χ^2/NDF : 1150.6/21

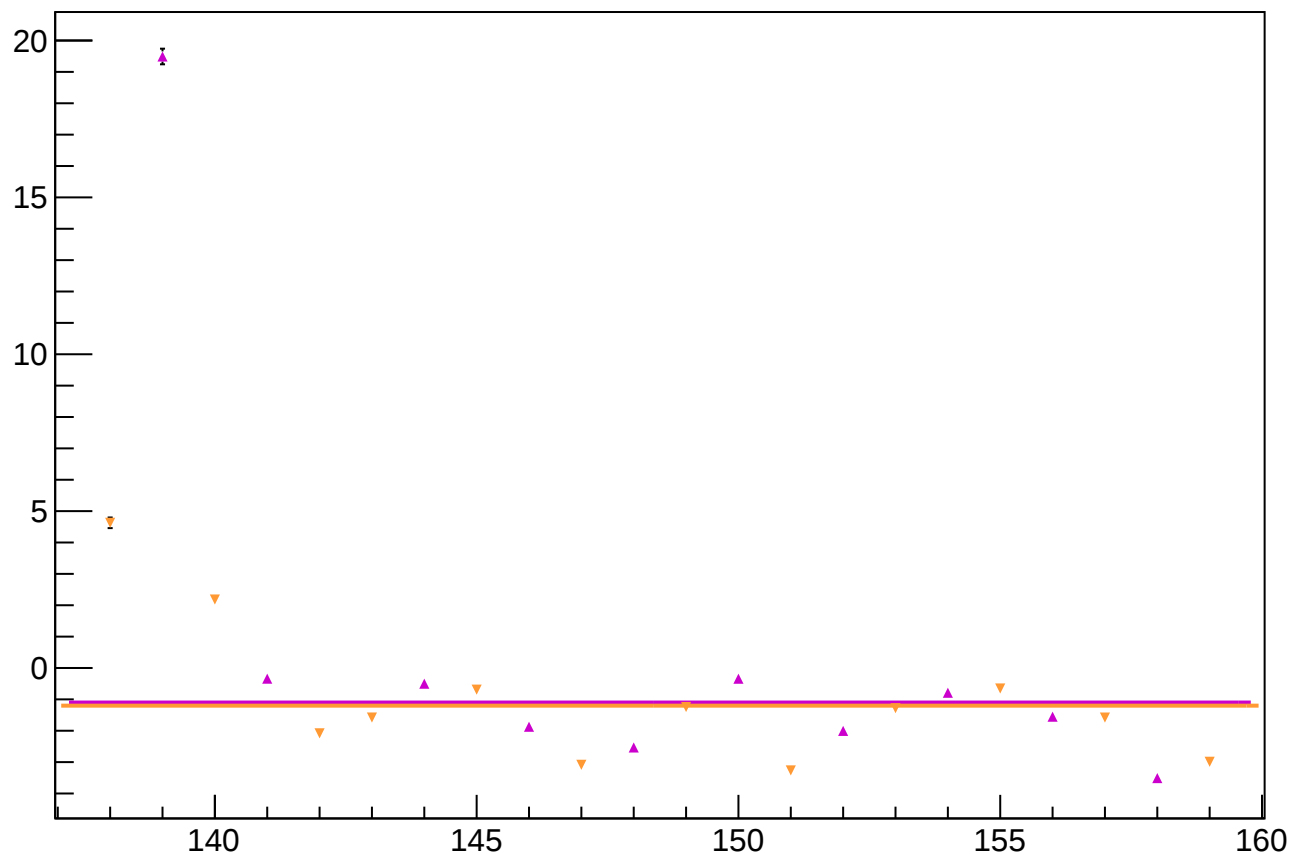
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 2.021+/-0.045 χ^2/NDF :2052.5/9

Left: 1.567+/-0.032 χ^2/NDF : 5585.8/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.021+/-0.045 χ^2/NDF :2052.5/9
 Out: 1.118+/-0.045 χ^2/NDF :3331.4/11
 All: 1.567+/-0.032 χ^2/NDF : 5585.8/21

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



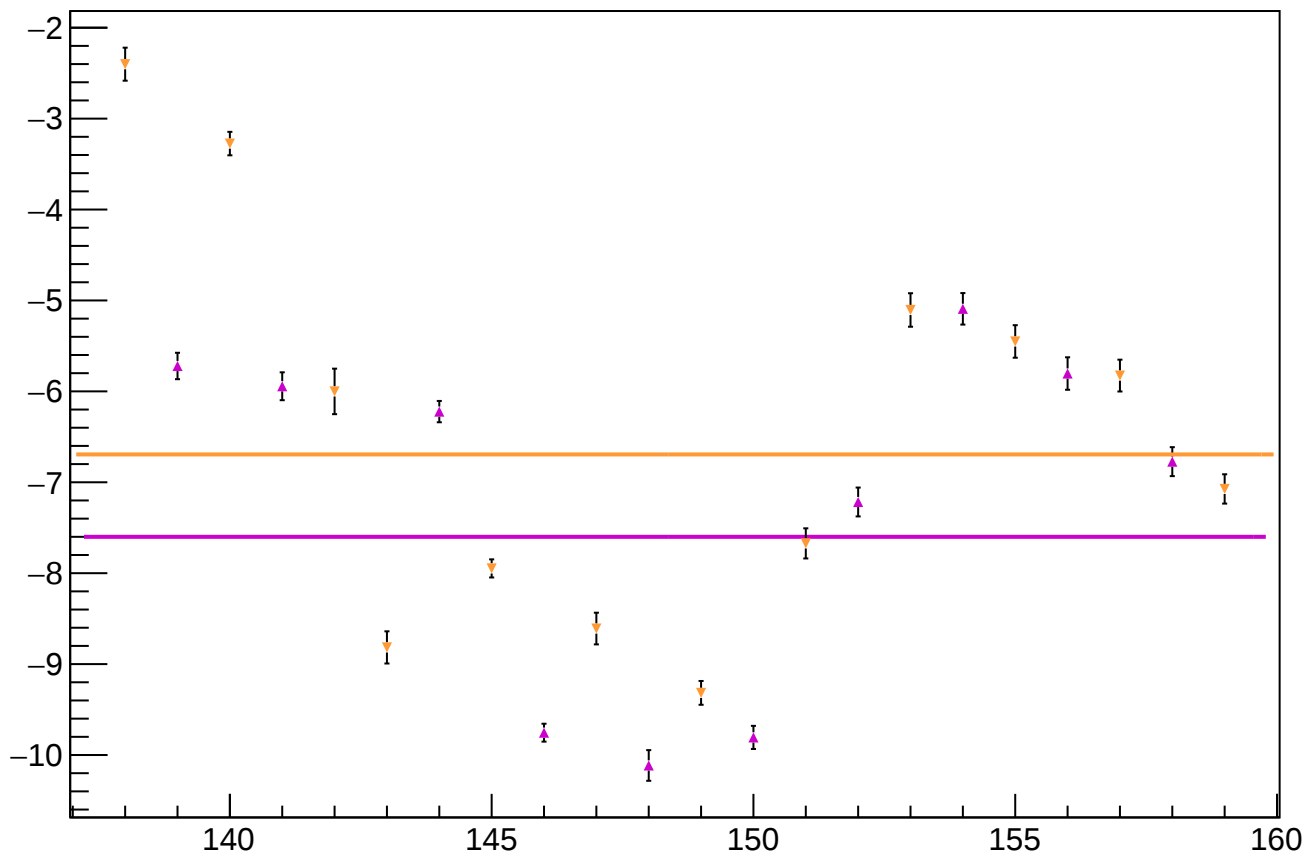
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.101+/-0.032 χ^2/NDF : 7886.2/9

Left: -1.151+/-0.022 χ^2/NDF : 11408.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.101+/-0.032 χ^2/NDF : 7886.2/9
 Out: -1.200+/-0.032 χ^2/NDF : 3516.9/11

All: -1.151+/-0.022 χ^2/NDF : 11408.0/21

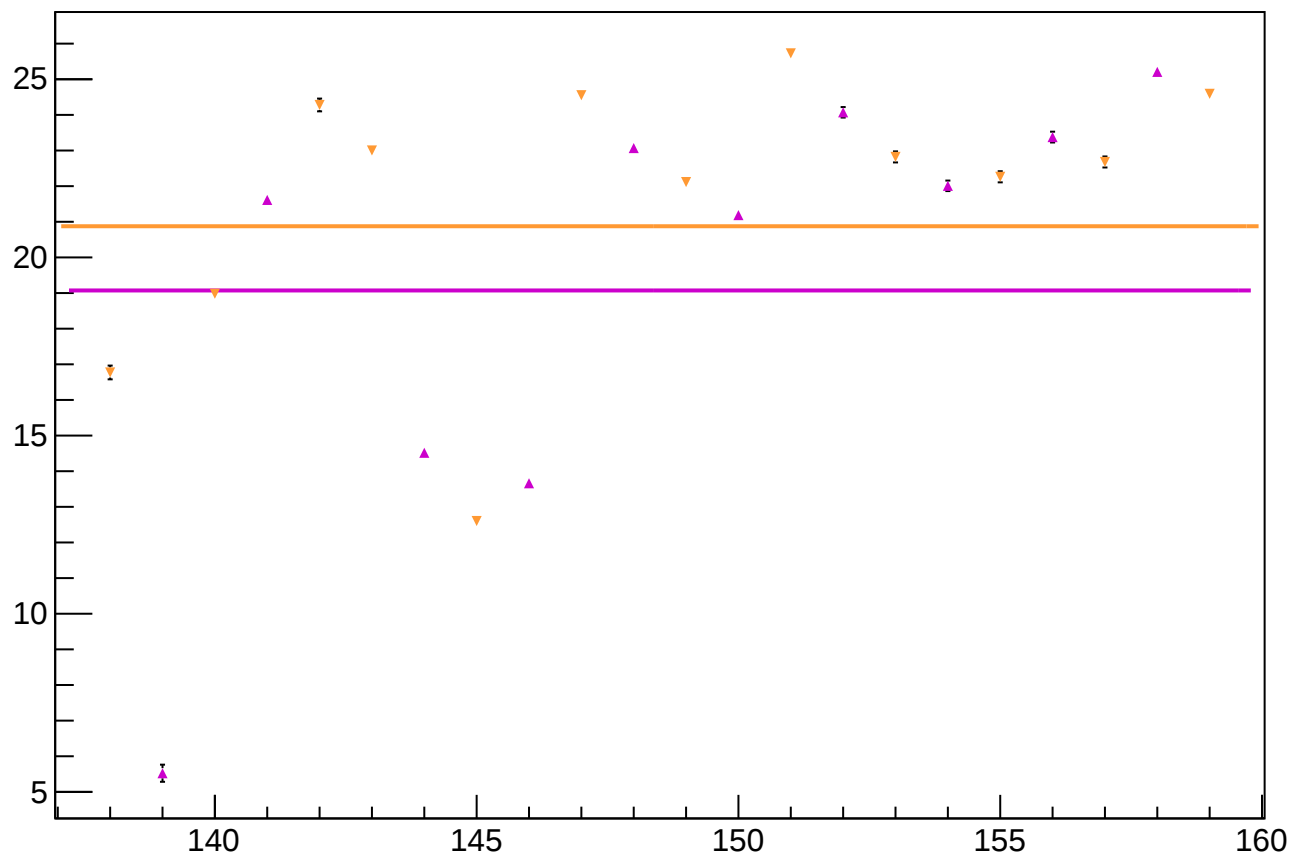
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.694 $\pm$ 0.045 χ^2 /NDF:2280.5/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -7.600 $\pm$ 0.044 χ^2 /NDF:1766.8/9

Left: -7.150 $\pm$ 0.032 χ^2 /NDF: 4253.6/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -7.600 $\pm$ 0.044 χ^2 /NDF:1766.8/9
 Out: -6.694 $\pm$ 0.045 χ^2 /NDF:2280.5/11
 All: -7.150 $\pm$ 0.032 χ^2 /NDF: 4253.6/21

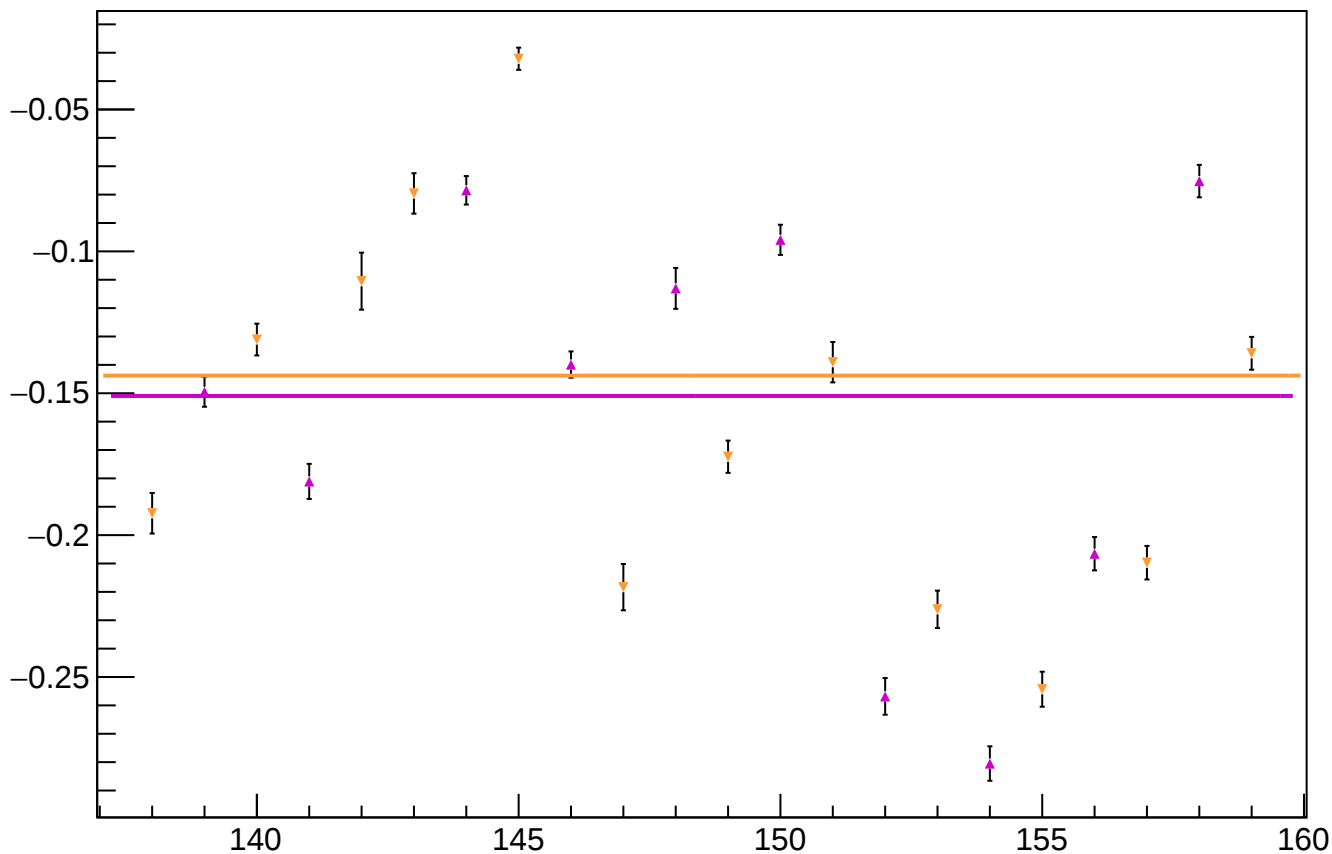
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 19.073+/-0.038 χ^2/NDF :16532.7/9

Left: 19.977+/-0.027 χ^2/NDF : 31402.9/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 19.073+/-0.038 χ^2/NDF :16532.7/9
 Out: 20.875+/-0.038 χ^2/NDF :13729.7/11
 All: 19.977+/-0.027 χ^2/NDF : 31402.9/21

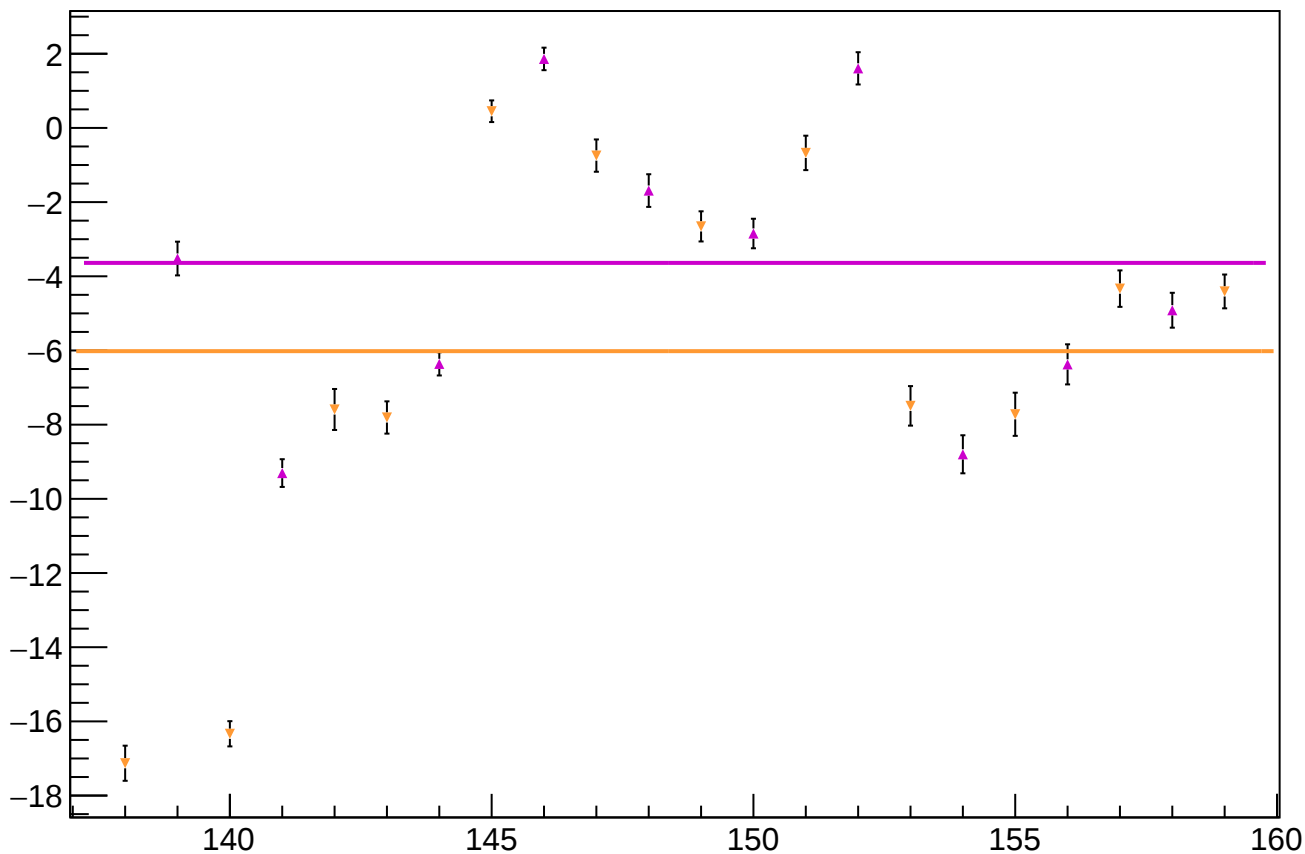
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.144+/-0.002 χ^2/NDF :1672.3/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -0.151+/-0.002 χ^2/NDF :1358.9/9

Left: -0.147+/-0.001 χ^2/NDF : 3039.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :1358.9/9
 Out: -0.144+/-0.002 χ^2/NDF :1672.3/11
 All: -0.147+/-0.001 χ^2/NDF : 3039.4/21

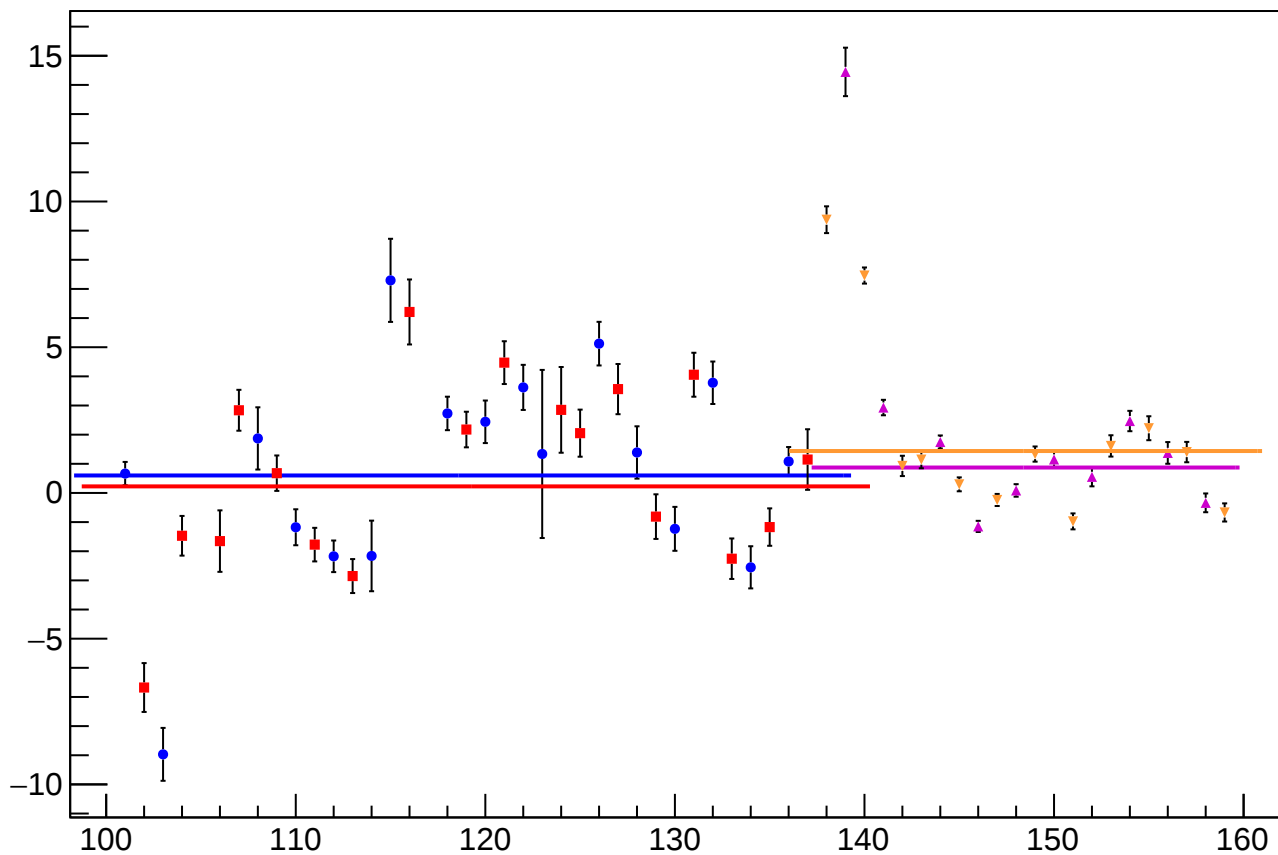
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.018+/-0.124 χ^2/NDF :2374.8/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -3.639+/-0.127 χ^2/NDF :937.0/9

Left: -4.859+/-0.089 χ^2/NDF : 3490.6/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.639+/-0.127 χ^2/NDF :937.0/9
 Out: -6.018+/-0.124 χ^2/NDF :2374.8/11
 All: -4.859+/-0.089 χ^2/NDF : 3490.6/21

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 χ^2/NDF : 291.9/16

Left Out: 1.438 ± 0.085 χ^2/NDF : 992.8/11

Right Out: 0.225 ± 0.175 χ^2/NDF : 273.2/17

Left In: 0.872 ± 0.087 χ^2/NDF : 506.1/9

Left: 1.161 ± 0.061 χ^2/NDF : 1520.7/21

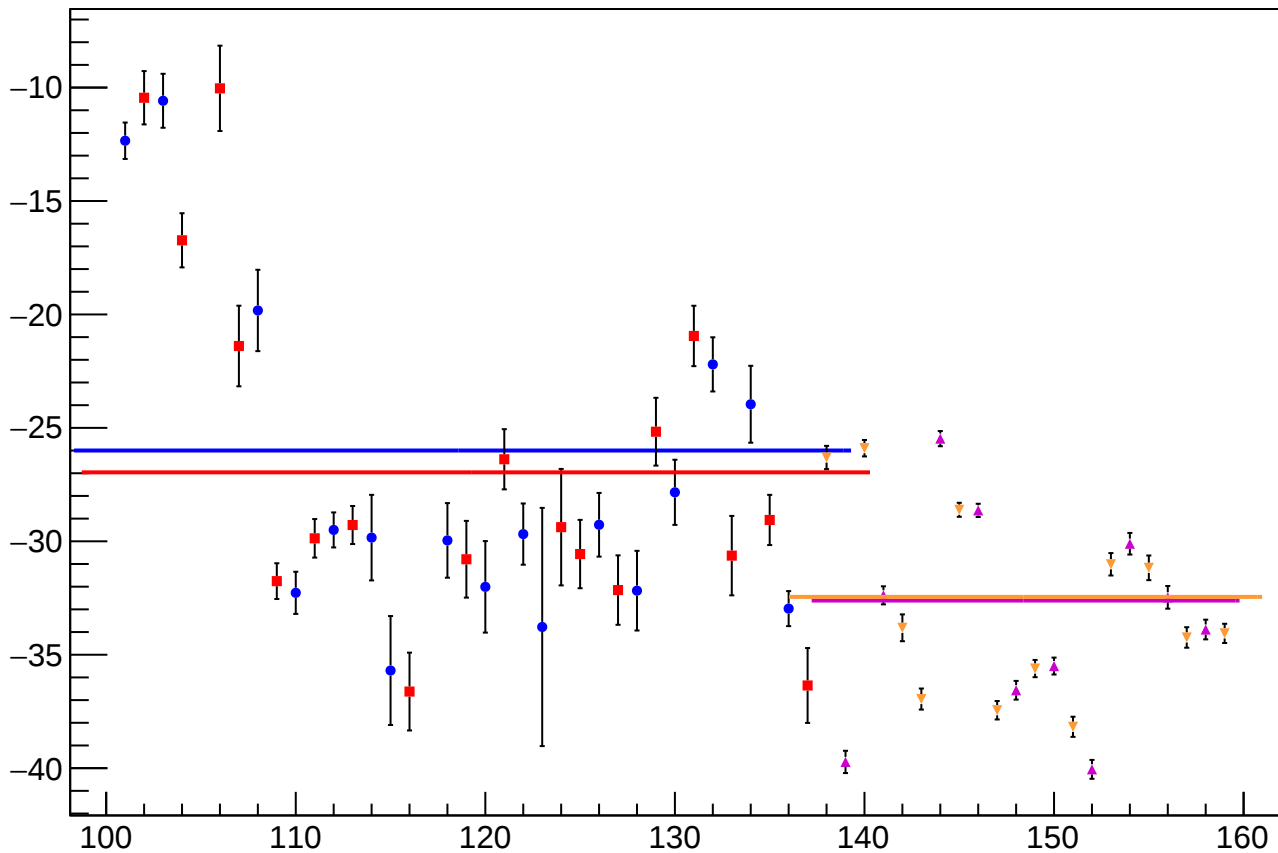
Right: 0.418 ± 0.122 χ^2/NDF : 567.5/34

In: 0.816 ± 0.077 χ^2/NDF : 800.1/26

Out: 1.206 ± 0.076 χ^2/NDF : 1304.9/29

All: 1.012 ± 0.054 χ^2/NDF : 2118.0/56

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: -32.450 ± 0.124 χ^2/NDF : 1155.0/11

Right Out: -26.960 ± 0.298 χ^2/NDF : 535.4/17

Left In: -32.611 ± 0.125 χ^2/NDF : 1356.6/9

Left: -32.529 ± 0.088 χ^2/NDF : 2512.4/21

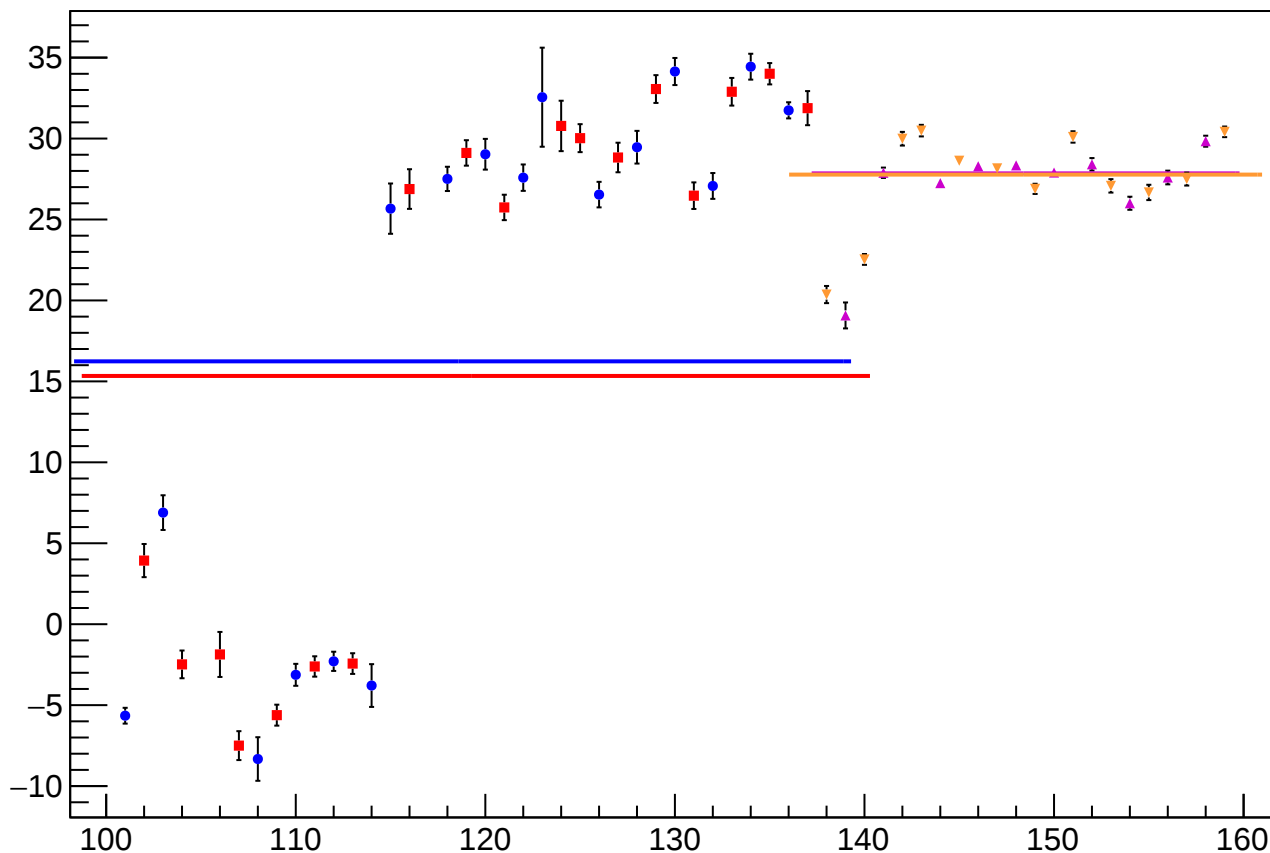
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.629 ± 0.116 χ^2/NDF : 2462.6/26

Out: -31.645 ± 0.114 χ^2/NDF : 1979.5/29

All: -31.637 ± 0.081 χ^2/NDF : 4442.1/56

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: 27.773 $\pm$ 0.102 χ^2 /NDF:662.8/11

Right Out: 15.335 $\pm$ 0.197 χ^2 /NDF: 7259.7/17

Left In: 27.850 $\pm$ 0.104 χ^2 /NDF:188.6/9

Left: 27.811 $\pm$ 0.073 χ^2 /NDF: 851.7/21

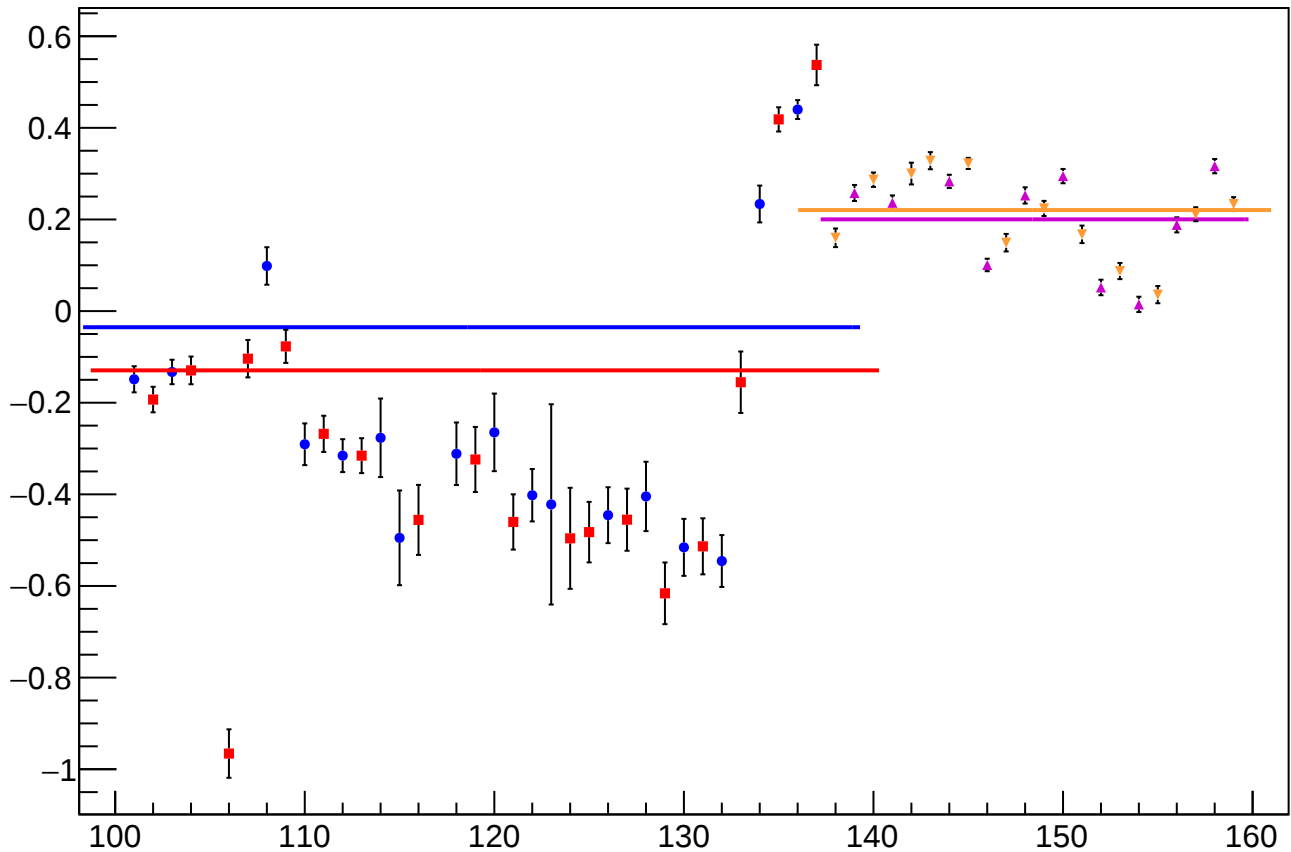
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.183 $\pm$ 0.092 χ^2 /NDF:10604.9/26

Out: 25.131 $\pm$ 0.091 χ^2 /NDF:11057.2/29

All: 25.157 $\pm$ 0.065 χ^2 /NDF: 21662.3/56

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: 0.221 ± 0.005 χ^2/NDF : 317.7/11

Right Out: -0.129 ± 0.010 χ^2/NDF : 1161.5/17

Left In: 0.200 ± 0.005 χ^2/NDF : 403.2/9

Left: 0.211 ± 0.004 χ^2/NDF : 729.2/21

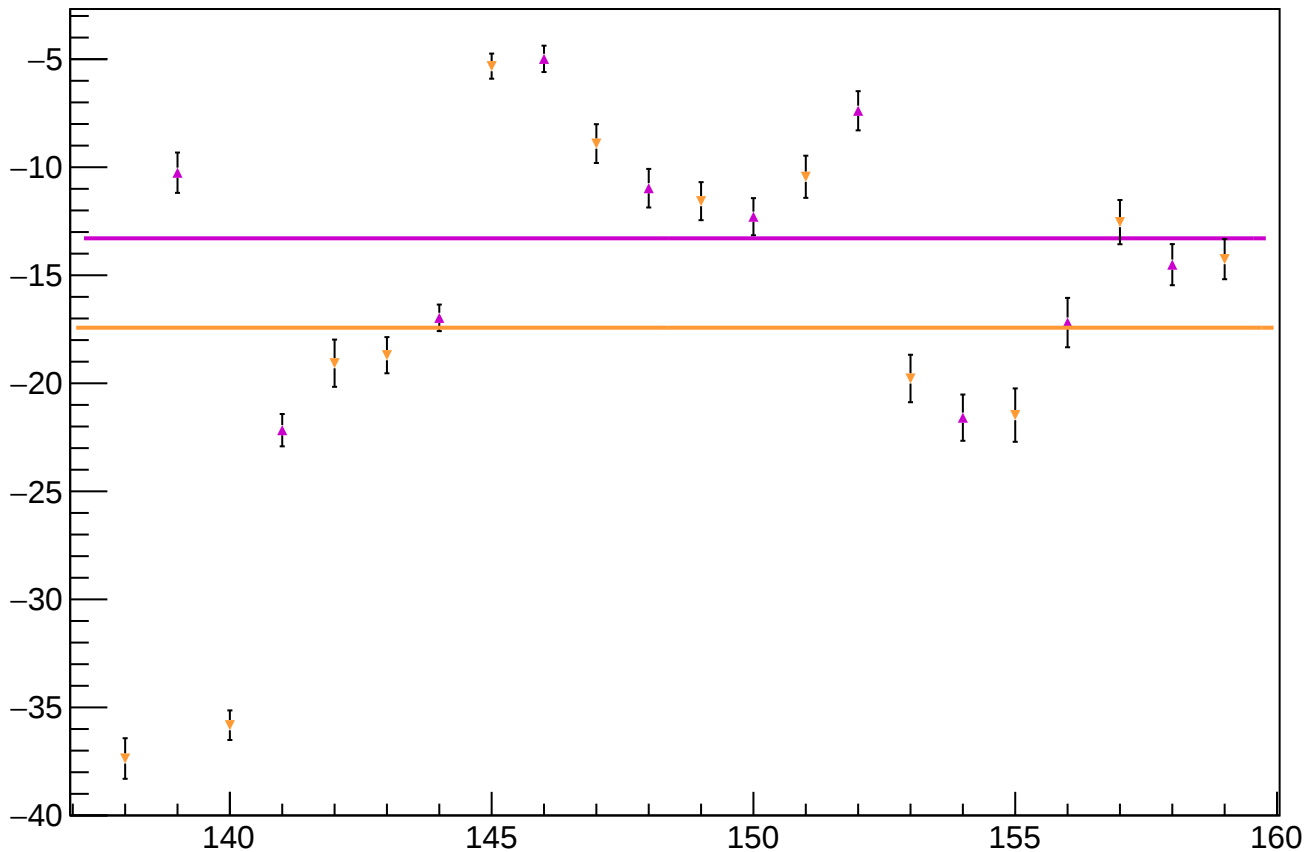
Right: -0.082 ± 0.007 χ^2/NDF : 2216.5/34

In: 0.155 ± 0.005 χ^2/NDF : 1836.9/26

Out: 0.157 ± 0.004 χ^2/NDF : 2407.4/29

All: 0.156 ± 0.003 χ^2/NDF : 4244.5/56

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: -17.427 $\pm$ 0.253 χ^2/NDF :1845.4/11

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: -13.291 $\pm$ 0.260 χ^2/NDF :496.2/9

Left: -15.415 $\pm$ 0.181 χ^2/NDF : 2471.9/21

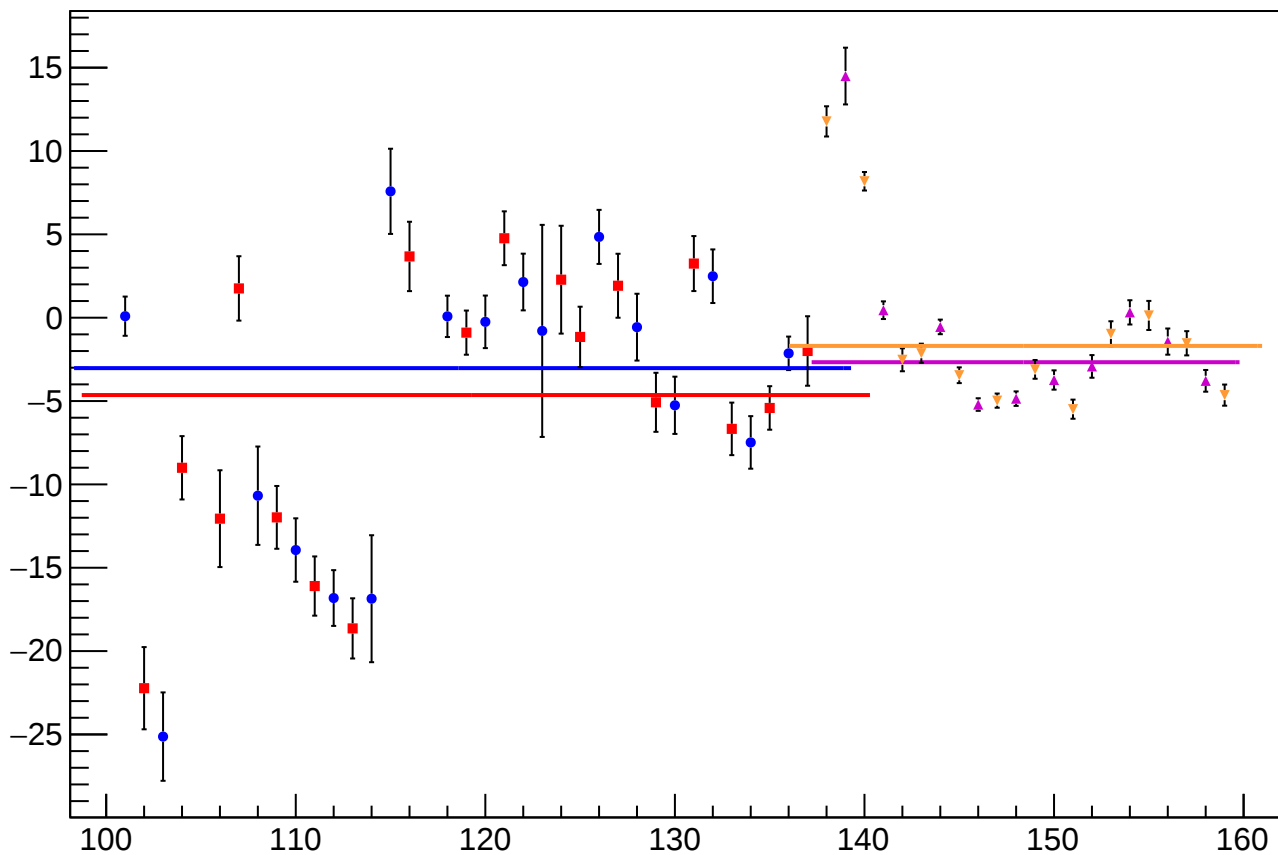
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

In: -13.291 $\pm$ 0.260 χ^2/NDF :496.2/9

Out: -17.427 $\pm$ 0.253 χ^2/NDF :1845.4/11

All: -15.415 $\pm$ 0.181 χ^2/NDF : 2471.9/21

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: -1.692 ± 0.173 χ^2/NDF : 689.5/11

Right Out: -4.640 ± 0.427 χ^2/NDF : 294.9/17

Left In: -2.670 ± 0.176 χ^2/NDF : 256.0/9

Left: -2.175 ± 0.123 χ^2/NDF : 961.3/21

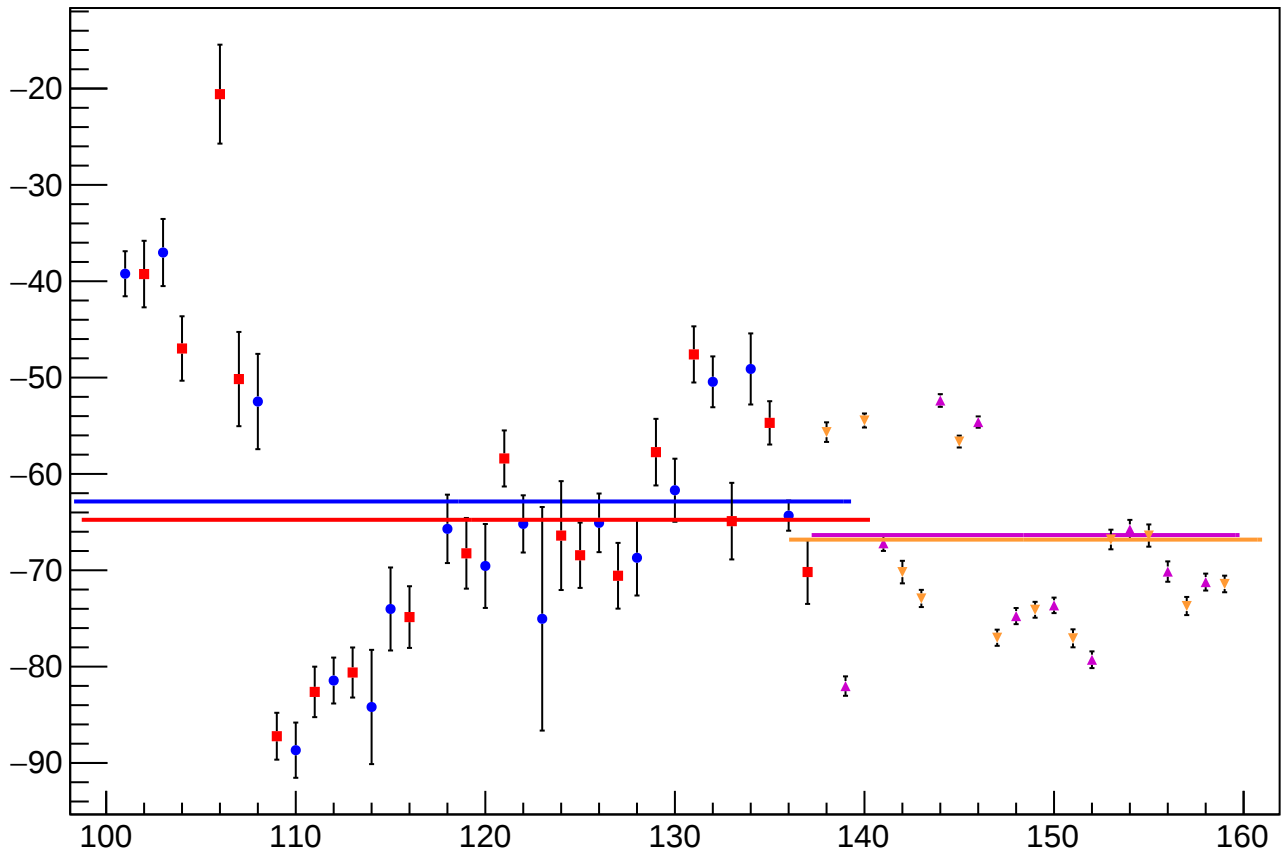
Right: -3.797 ± 0.295 χ^2/NDF : 583.0/34

In: -2.726 ± 0.161 χ^2/NDF : 537.3/26

Out: -2.110 ± 0.161 χ^2/NDF : 1025.4/29

All: -2.416 ± 0.114 χ^2/NDF : 1570.0/56

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.858 ± 0.739 χ^2/NDF : 367.7/16

Left Out: -66.818 ± 0.252 χ^2/NDF : 1163.3/11

Right Out: -64.761 ± 0.753 χ^2/NDF : 416.1/17

Left In: -66.344 ± 0.256 χ^2/NDF : 1542.8/9

Left: -66.584 ± 0.180 χ^2/NDF : 2707.8/21

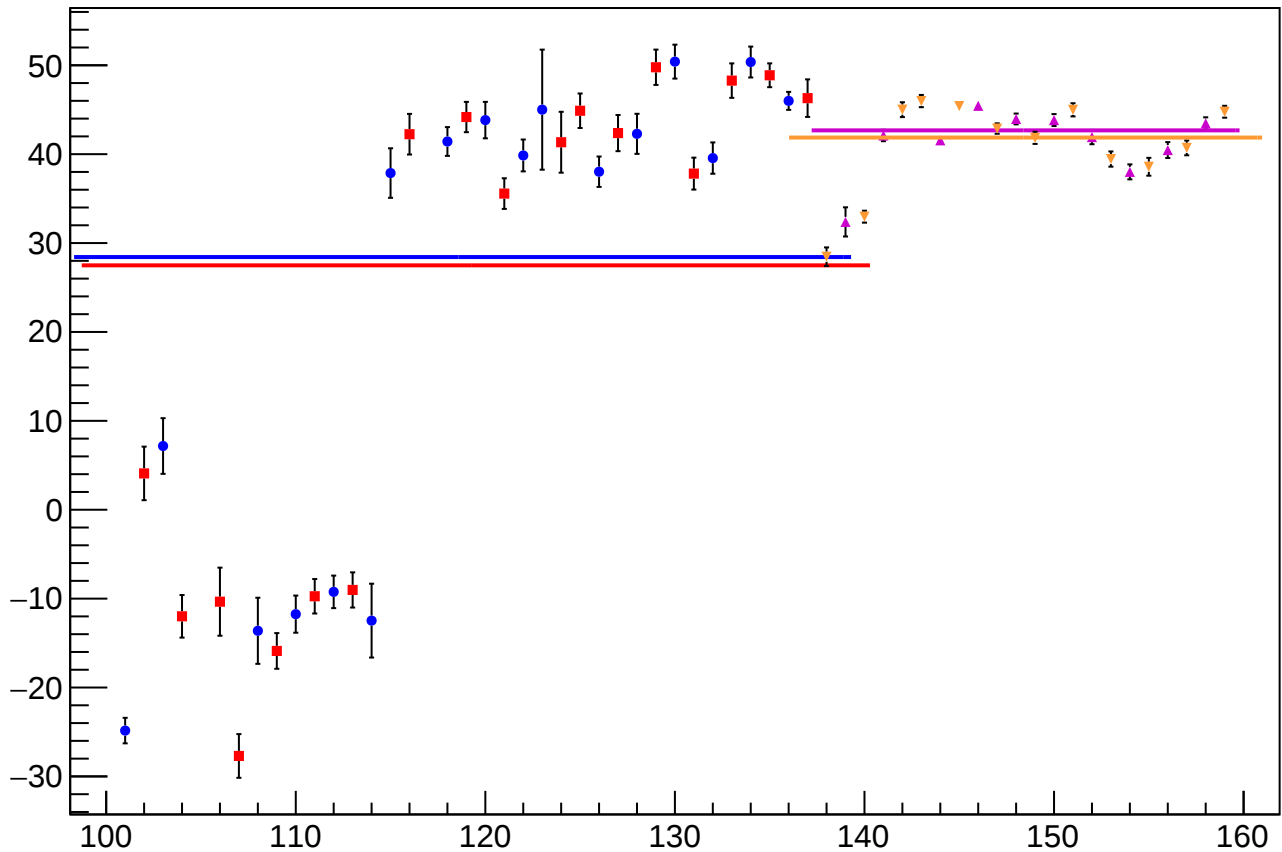
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -65.971 ± 0.242 χ^2/NDF : 1930.4/26

Out: -66.610 ± 0.239 χ^2/NDF : 1586.1/29

All: -66.294 ± 0.170 χ^2/NDF : 3520.0/56

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: 41.868 $\pm$ 0.209 χ^2 /NDF:491.5/11

Right Out: 27.493 $\pm$ 0.479 χ^2 /NDF: 3027.8/17

Left In: 42.677 $\pm$ 0.212 χ^2 /NDF:125.0/9

Left: 42.266 $\pm$ 0.149 χ^2 /NDF: 623.8/21

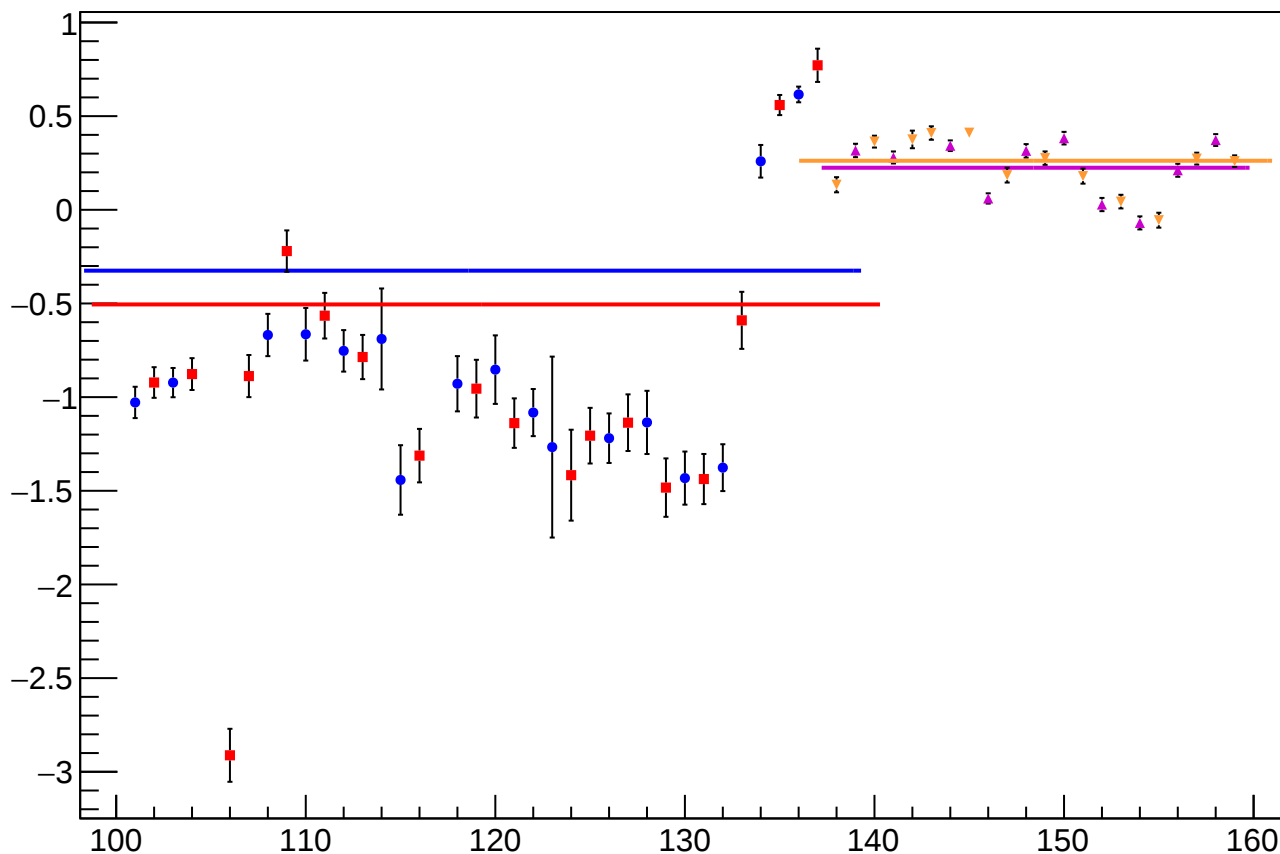
Right: 27.980 $\pm$ 0.331 χ^2 /NDF: 6352.1/34

In: 40.155 $\pm$ 0.193 χ^2 /NDF:4244.9/26

Out: 39.572 $\pm$ 0.191 χ^2 /NDF:4276.8/29

All: 39.861 $\pm$ 0.136 χ^2 /NDF: 8526.4/56

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: 0.262+/-0.010 χ^2/NDF :188.9/11

Right Out: -0.505+/-0.026 χ^2/NDF : 1163.3/17

Left In: 0.225+/-0.010 χ^2/NDF :214.8/9

Left: 0.244+/-0.007 χ^2/NDF : 410.4/21

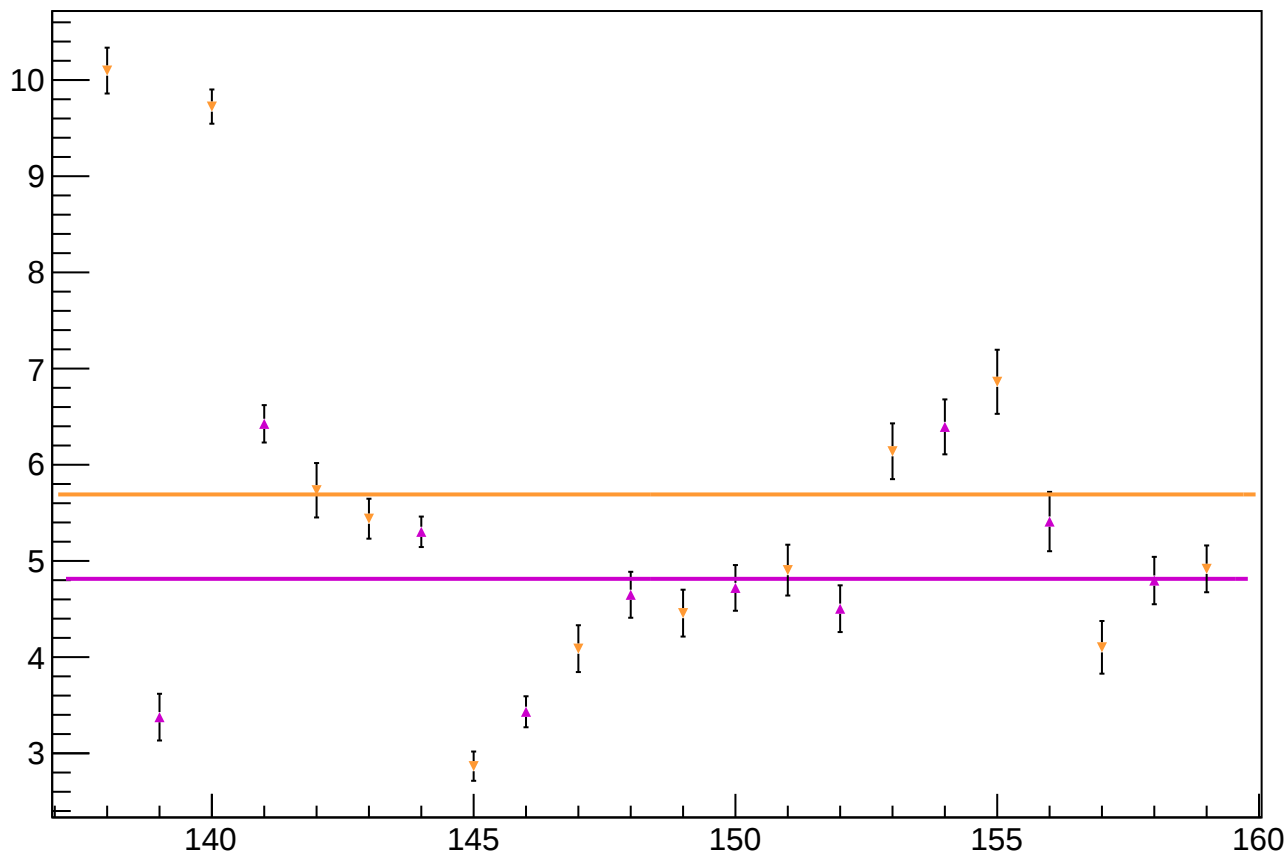
Right: -0.412+/-0.018 χ^2/NDF : 2200.3/34

In: 0.144+/-0.010 χ^2/NDF :1641.6/26

Out: 0.161+/-0.009 χ^2/NDF :2122.4/29

All: 0.153+/-0.007 χ^2/NDF : 3765.6/56

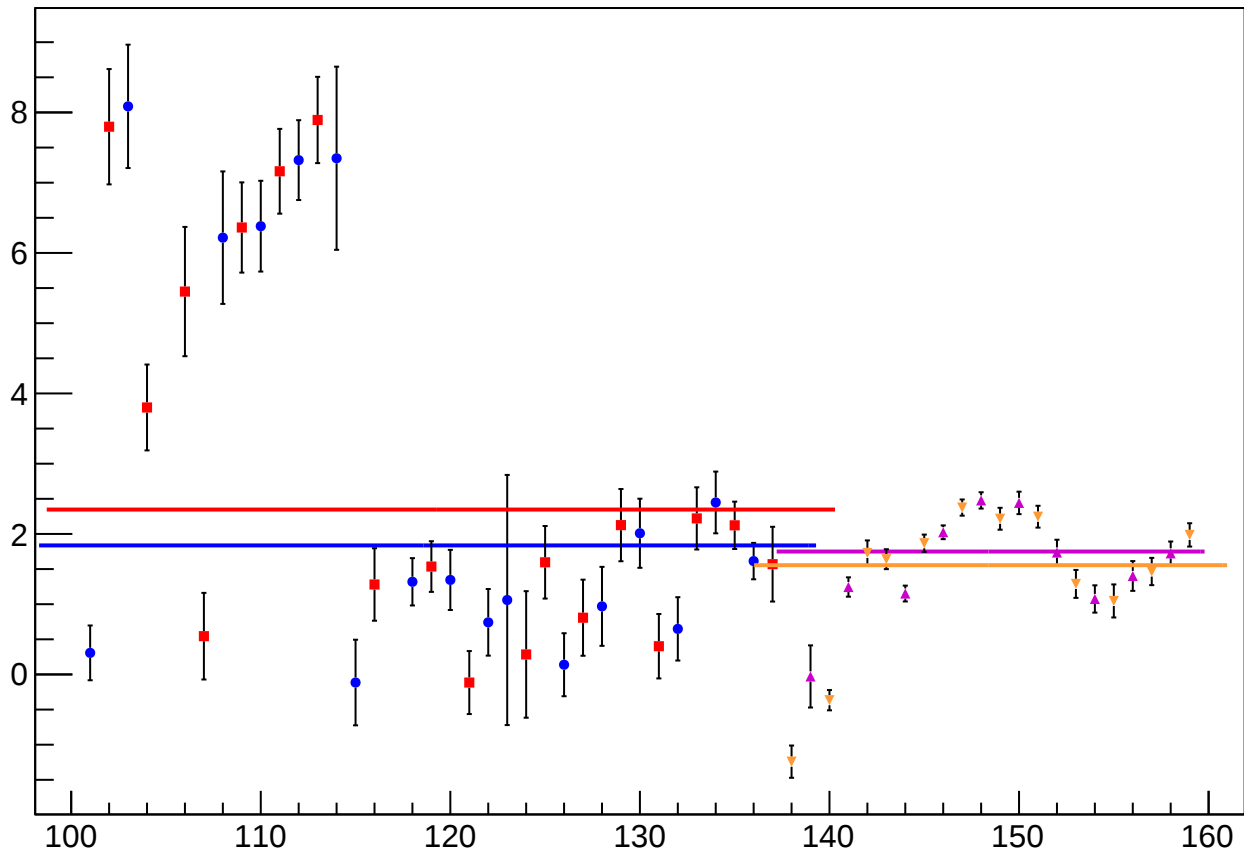
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 5.691 $\pm$ 0.066 χ^2/NDF :1337.7/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 4.814 $\pm$ 0.068 χ^2/NDF :223.5/9

Left: 5.267 $\pm$ 0.048 χ^2/NDF : 1645.9/21
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 4.814 $\pm$ 0.068 χ^2/NDF :223.5/9
 Out: 5.691 $\pm$ 0.066 χ^2/NDF :1337.7/11
 All: 5.267 $\pm$ 0.048 χ^2/NDF : 1645.9/21

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: 1.555 ± 0.046 χ^2/NDF : 435.5/11

Right Out: 2.347 ± 0.123 χ^2/NDF : 329.8/17

Left In: 1.750 ± 0.046 χ^2/NDF : 138.4/9

Left: 1.651 ± 0.033 χ^2/NDF : 582.8/21

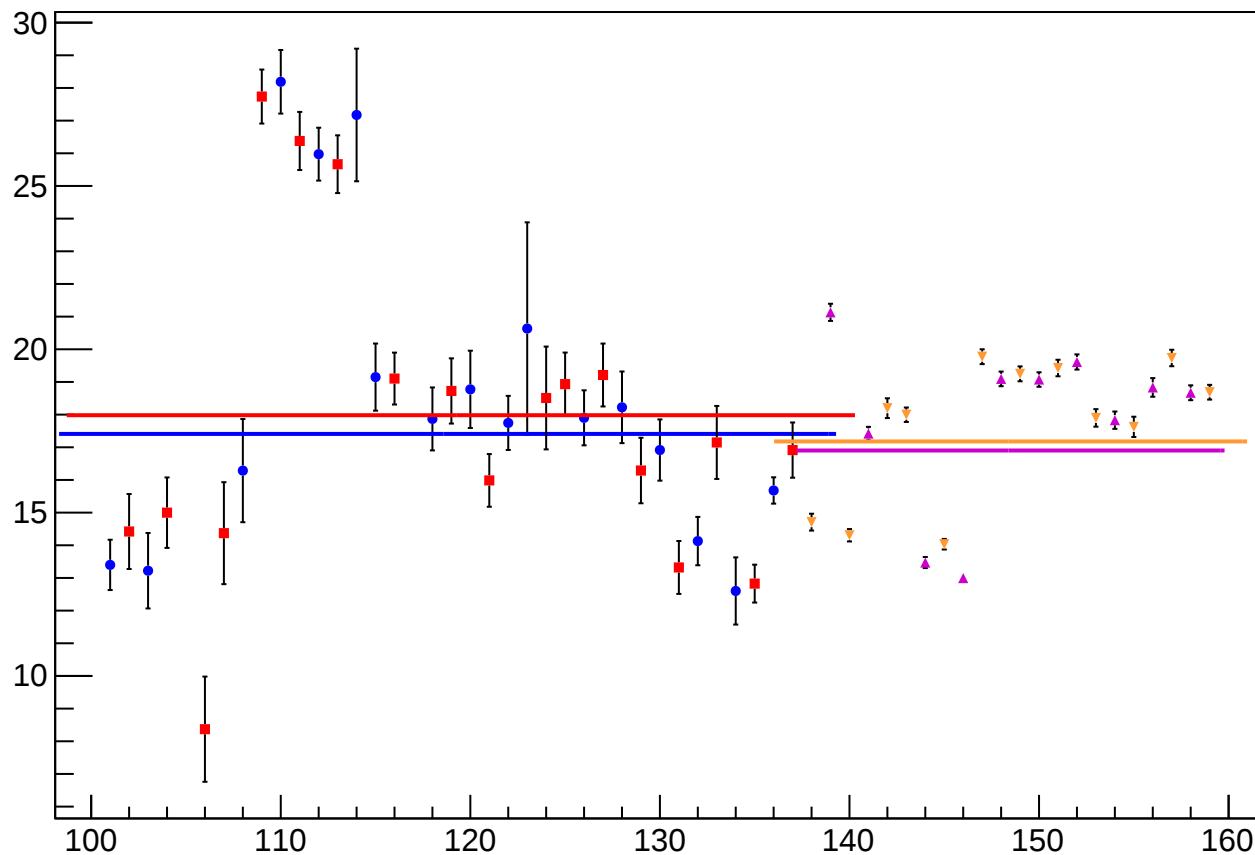
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.761 ± 0.043 χ^2/NDF : 433.0/26

Out: 1.652 ± 0.043 χ^2/NDF : 801.9/29

All: 1.707 ± 0.030 χ^2/NDF : 1238.2/56

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: 17.179 $\pm$ 0.066 χ^2 /NDF:1173.2/11

Right Out: 17.982 $\pm$ 0.219 χ^2 /NDF: 490.7/17

Left In: 16.902 $\pm$ 0.068 χ^2 /NDF:1758.2/9

Left: 17.043 $\pm$ 0.047 χ^2 /NDF: 2940.0/21

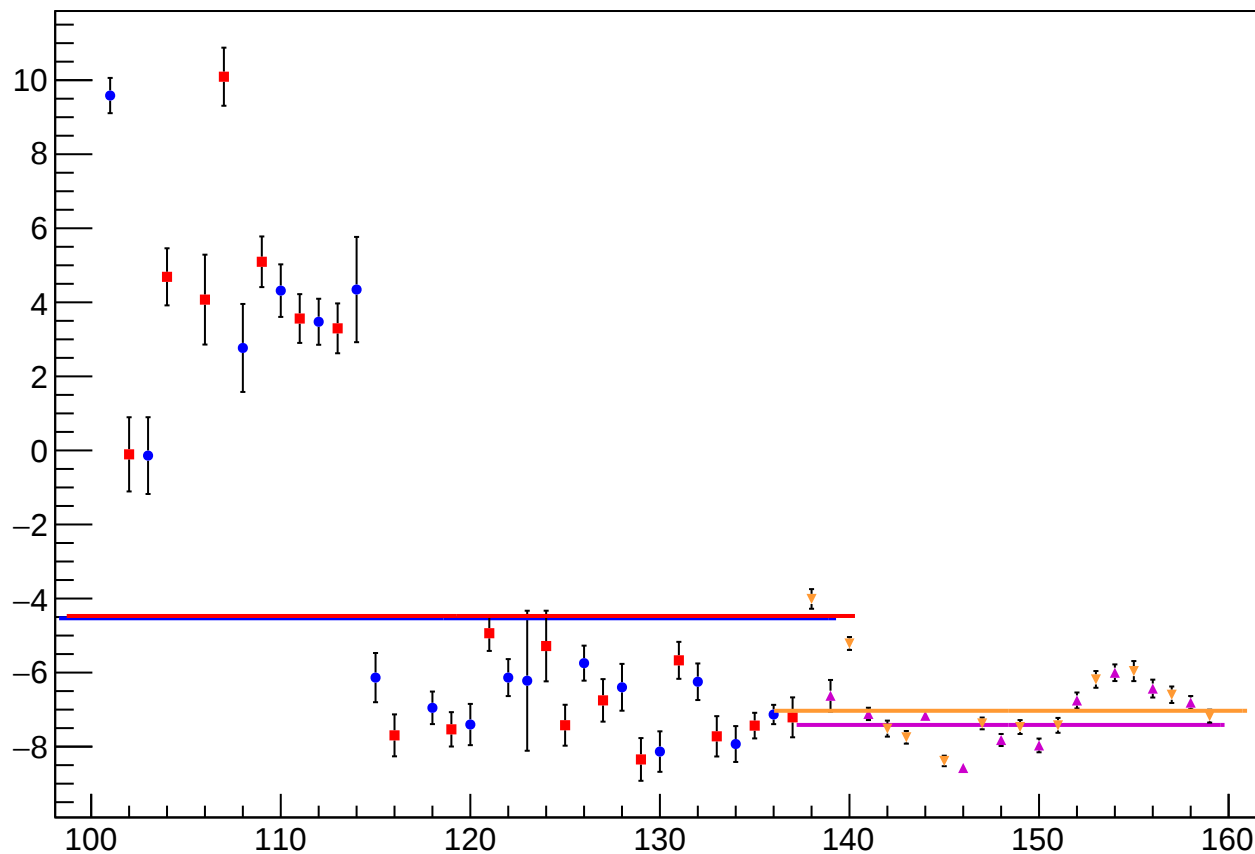
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.949 $\pm$ 0.064 χ^2 /NDF:2128.5/26

Out: 17.247 $\pm$ 0.064 χ^2 /NDF:1676.2/29

All: 17.099 $\pm$ 0.045 χ^2 /NDF: 3815.5/56

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.533 ± 0.130 χ^2/NDF : 1588.4/16

Left Out: -7.032 ± 0.055 χ^2/NDF : 399.5/11

Right Out: -4.471 ± 0.137 χ^2/NDF : 1339.3/17

Left In: -7.414 ± 0.056 χ^2/NDF : 189.6/9

Left: -7.219 ± 0.039 χ^2/NDF : 612.9/21

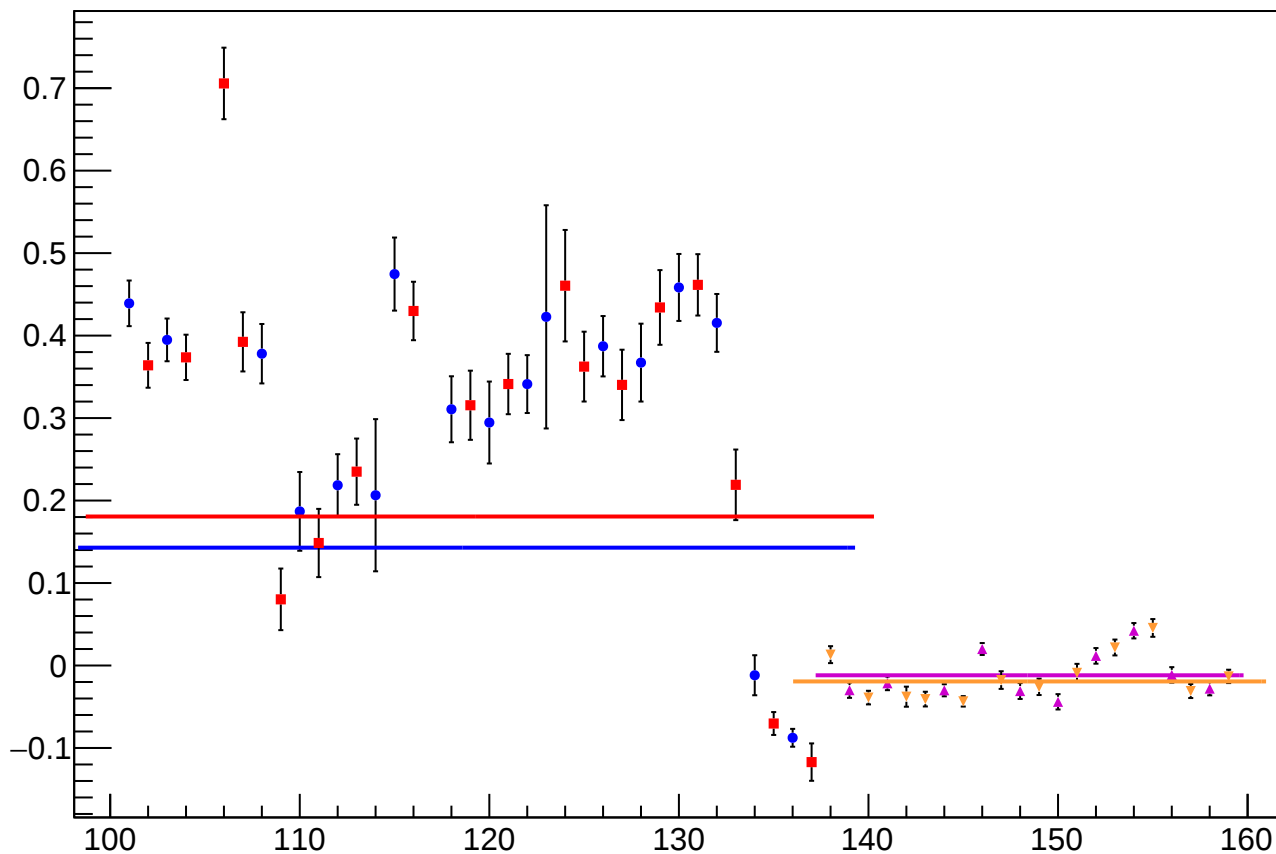
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.961 ± 0.051 χ^2/NDF : 2194.1/26

Out: -6.676 ± 0.051 χ^2/NDF : 2040.0/29

All: -6.818 ± 0.036 χ^2/NDF : 4249.6/56

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: -0.019 ± 0.003 $\chi^2/\text{NDF}: 96.6/11$

Right Out: 0.181 ± 0.007 $\chi^2/\text{NDF}: 1003.7/17$

Left In: -0.012 ± 0.003 $\chi^2/\text{NDF}: 90.3/9$

Left: -0.016 ± 0.002 $\chi^2/\text{NDF}: 190.8/21$

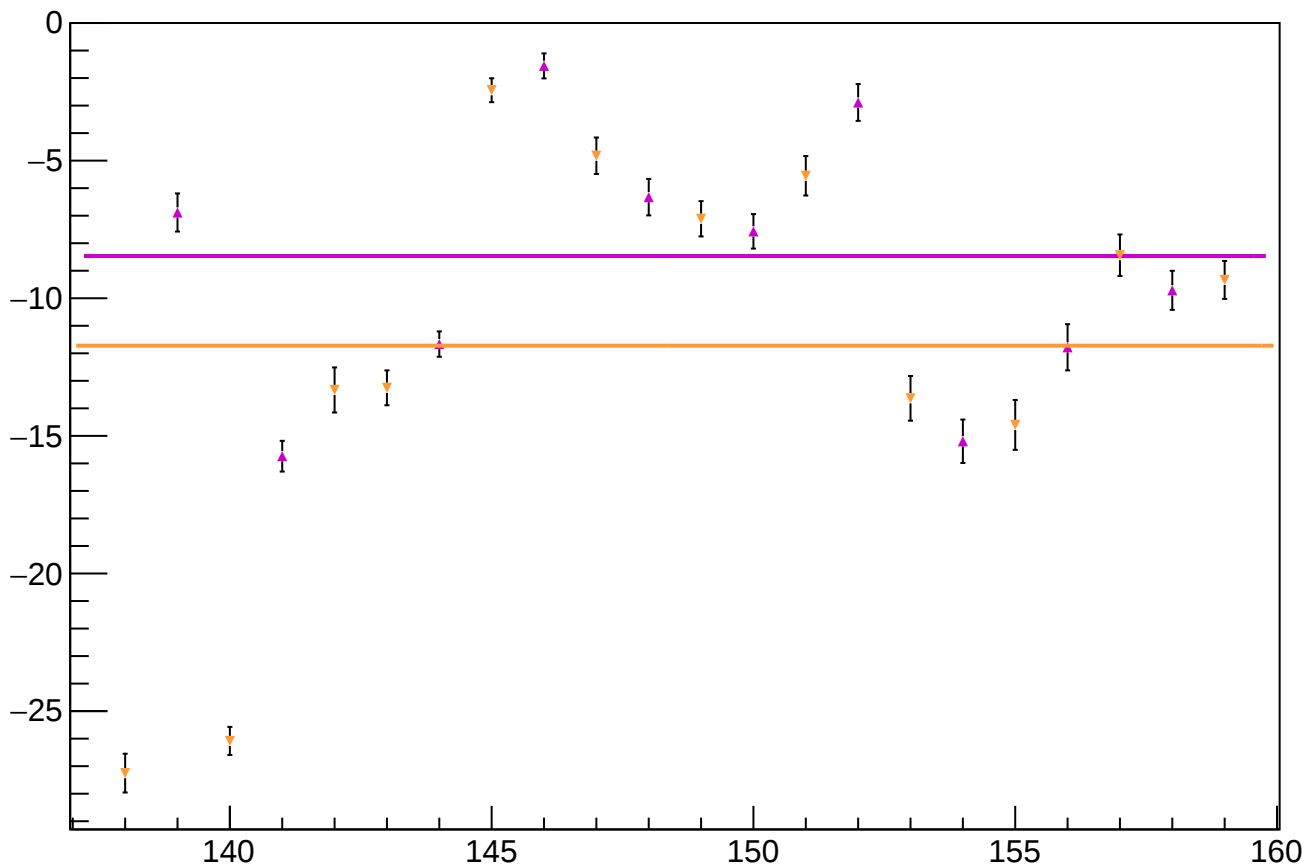
Right: 0.161 ± 0.005 $\chi^2/\text{NDF}: 2076.2/34$

In: 0.008 ± 0.003 $\chi^2/\text{NDF}: 1567.9/26$

Out: 0.003 ± 0.002 $\chi^2/\text{NDF}: 1747.9/29$

All: 0.006 ± 0.002 $\chi^2/\text{NDF}: 3317.9/56$

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: -11.723+/-0.188 χ^2/NDF :2024.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -8.465+/-0.193 χ^2/NDF :627.5/9

Left: -10.137+/-0.134 χ^2/NDF : 2798.7/21

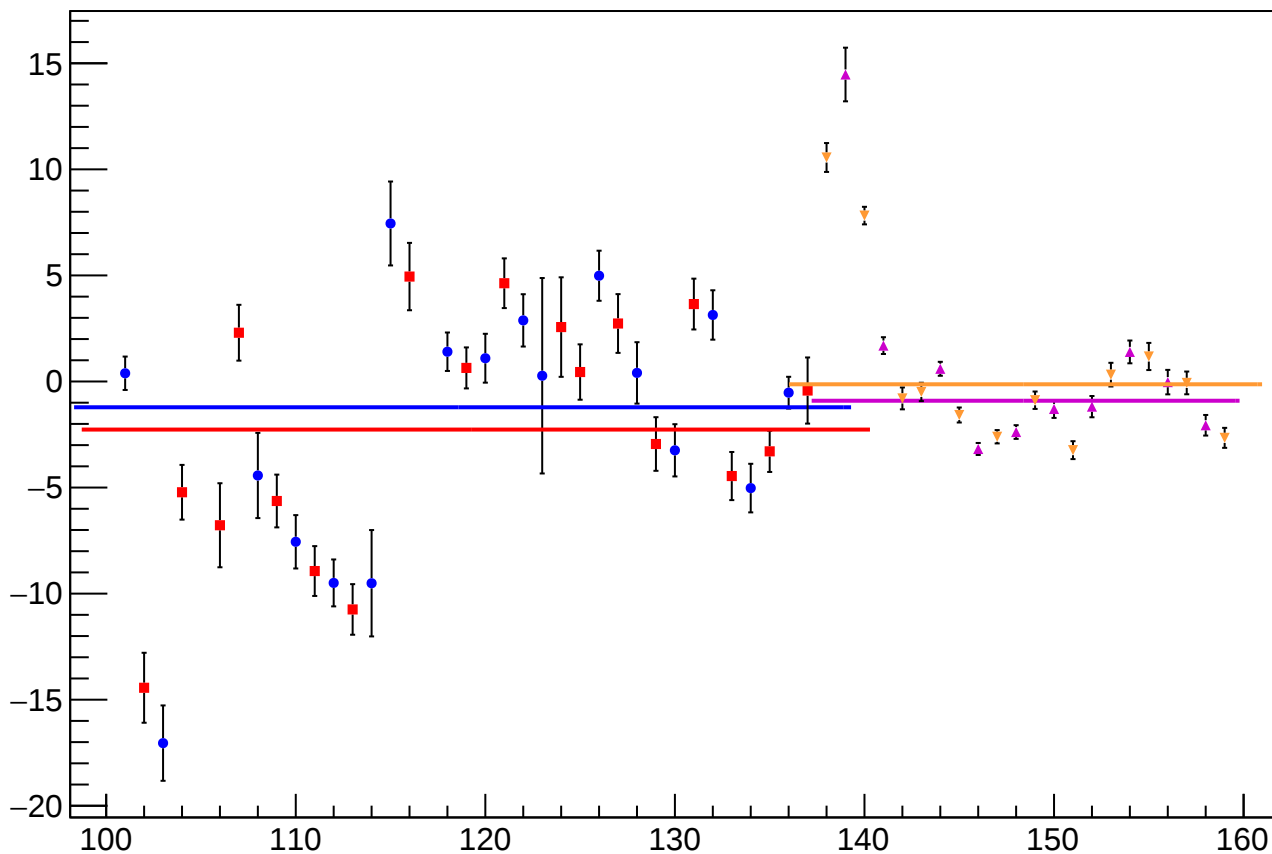
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.465+/-0.193 χ^2/NDF :627.5/9

Out: -11.723+/-0.188 χ^2/NDF :2024.5/11

All: -10.137+/-0.134 χ^2/NDF : 2798.7/21

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: -0.132 ± 0.129 $\chi^2/\text{NDF}: 787.2/11$

Right Out: -2.267 ± 0.302 $\chi^2/\text{NDF}: 283.9/17$

Left In: -0.907 ± 0.131 $\chi^2/\text{NDF}: 324.9/9$

Left: -0.514 ± 0.092 $\chi^2/\text{NDF}: 1130.0/21$

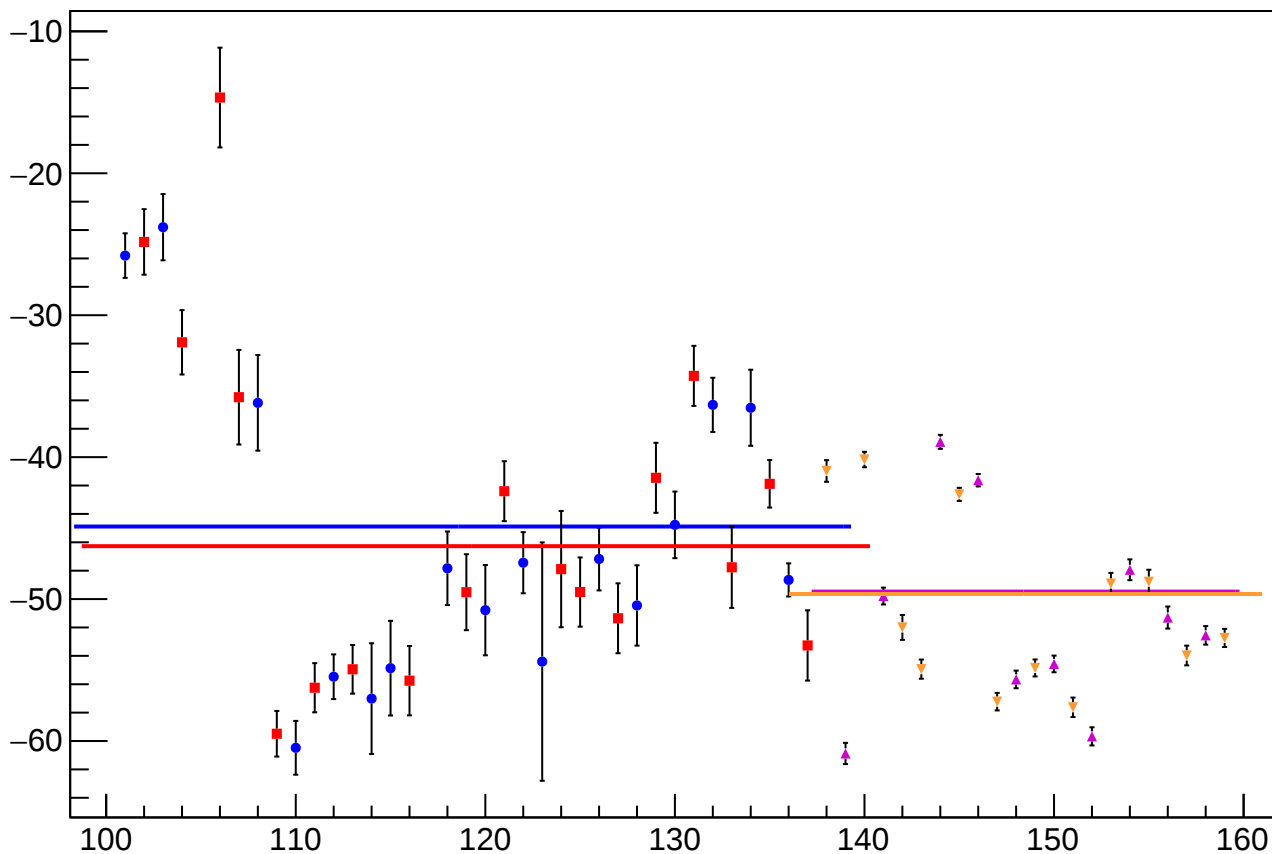
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -0.959 ± 0.119 $\chi^2/\text{NDF}: 604.6/26$

Out: -0.459 ± 0.118 $\chi^2/\text{NDF}: 1113.3/29$

All: -0.708 ± 0.084 $\chi^2/\text{NDF}: 1726.7/56$

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: -49.641 ± 0.187 χ^2/NDF : 1159.3/11

Right Out: -46.272 ± 0.530 χ^2/NDF : 420.5/17

Left In: -49.473 ± 0.190 χ^2/NDF : 1473.1/9

Left: -49.558 ± 0.133 χ^2/NDF : 2632.8/21

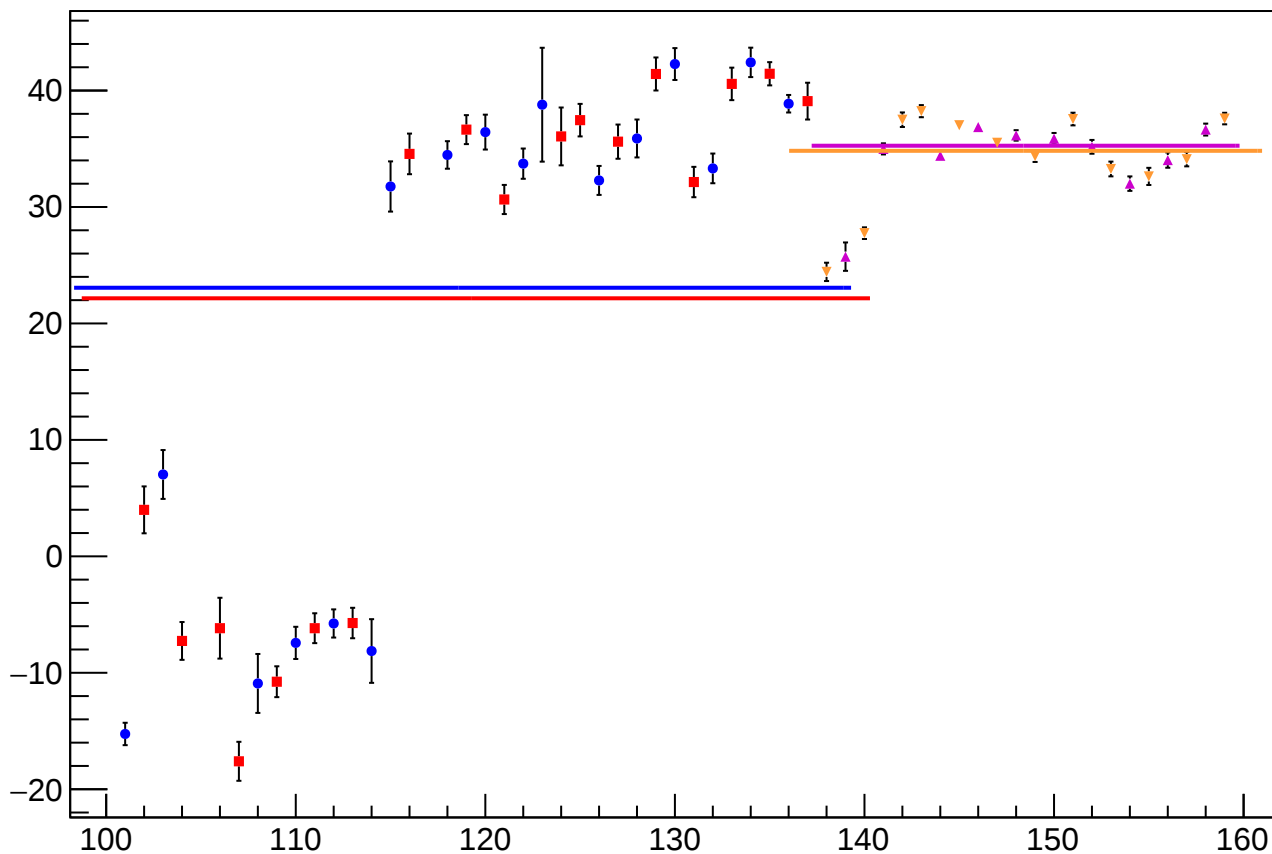
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.940 ± 0.178 χ^2/NDF : 1961.4/26

Out: -49.266 ± 0.177 χ^2/NDF : 1615.8/29

All: -49.105 ± 0.126 χ^2/NDF : 3578.9/56

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.327 χ^2 /NDF: 4333.5/16

Left Out: 34.825 $\pm$ 0.155 χ^2 /NDF:539.8/11

Right Out: 22.159 $\pm$ 0.340 χ^2 /NDF: 4025.5/17

Left In: 35.262 $\pm$ 0.158 χ^2 /NDF:130.3/9

Left: 35.039 $\pm$ 0.111 χ^2 /NDF: 674.0/21

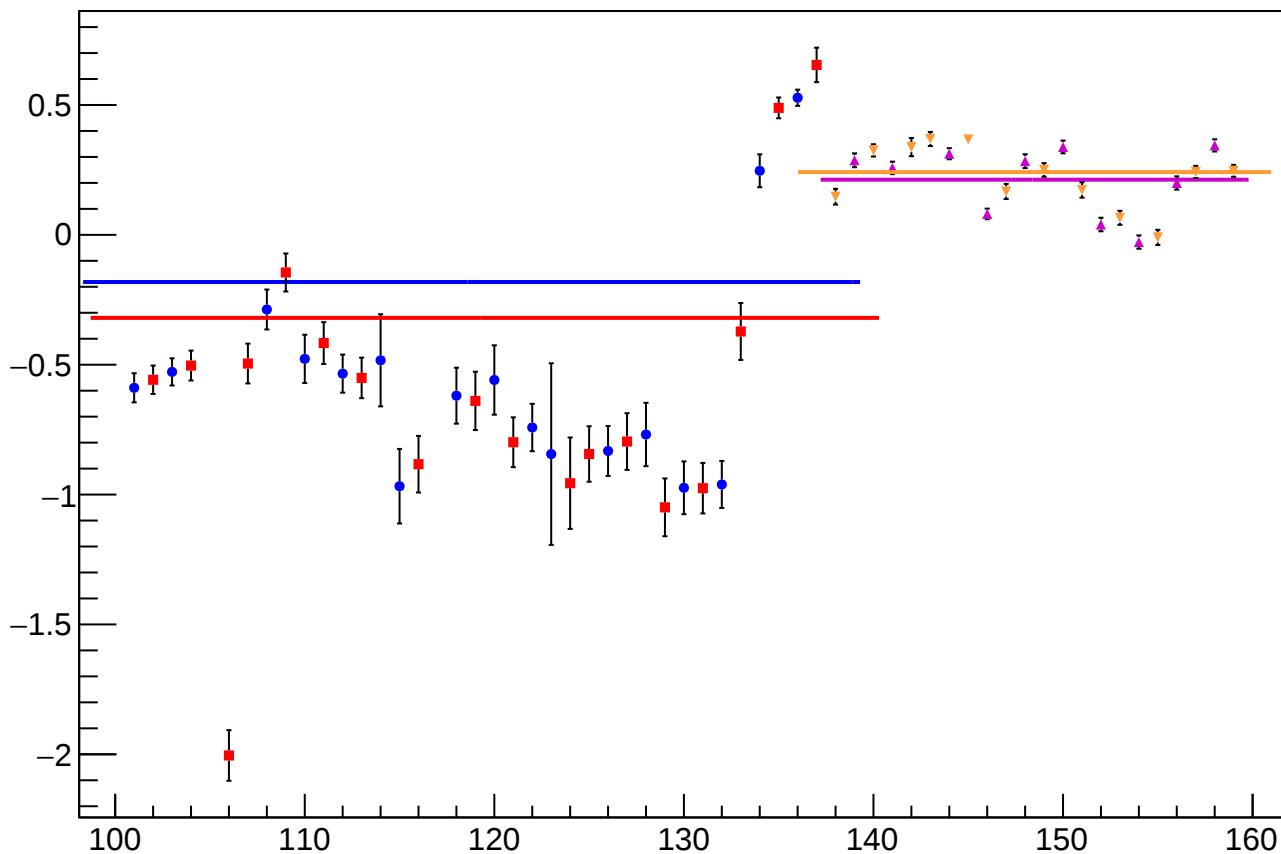
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.955 $\pm$ 0.142 χ^2 /NDF:5594.8/26

Out: 32.647 $\pm$ 0.141 χ^2 /NDF:5714.3/29

All: 32.800 $\pm$ 0.100 χ^2 /NDF: 11311.5/56

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: 0.242 ± 0.007 χ^2/NDF : 228.7/11

Right Out: -0.320 ± 0.018 χ^2/NDF : 1177.5/17

Left In: 0.212 ± 0.008 χ^2/NDF : 271.3/9

Left: 0.227 ± 0.005 χ^2/NDF : 507.5/21

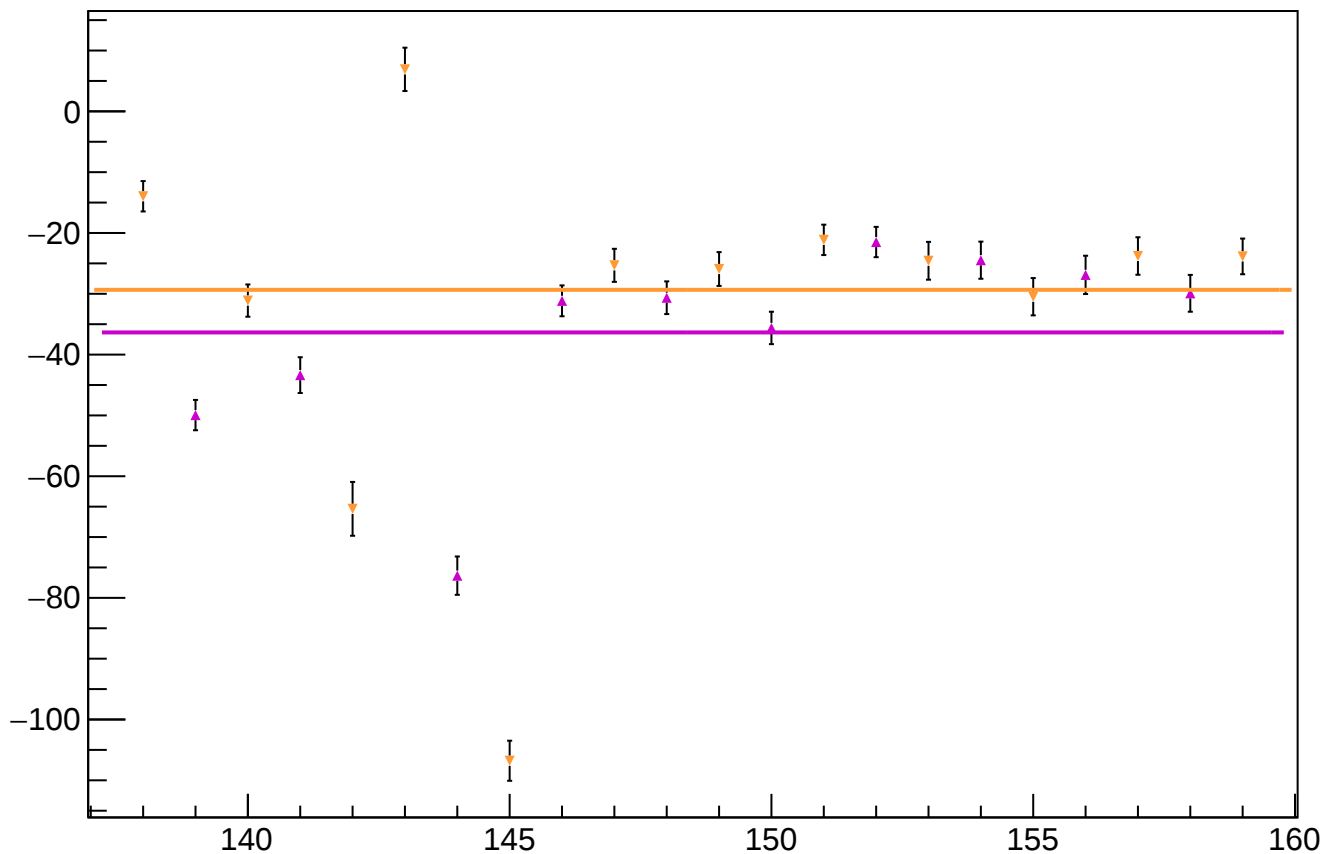
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.151 ± 0.007 χ^2/NDF : 1684.2/26

Out: 0.162 ± 0.007 χ^2/NDF : 2220.7/29

All: 0.156 ± 0.005 χ^2/NDF : 3906.2/56

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -29.344+/-0.851 χ^2/NDF : 783.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -36.353+/-0.881 χ^2/NDF : 269.4/9

Left: -32.729+/-0.612 χ^2/NDF : 1085.8/21

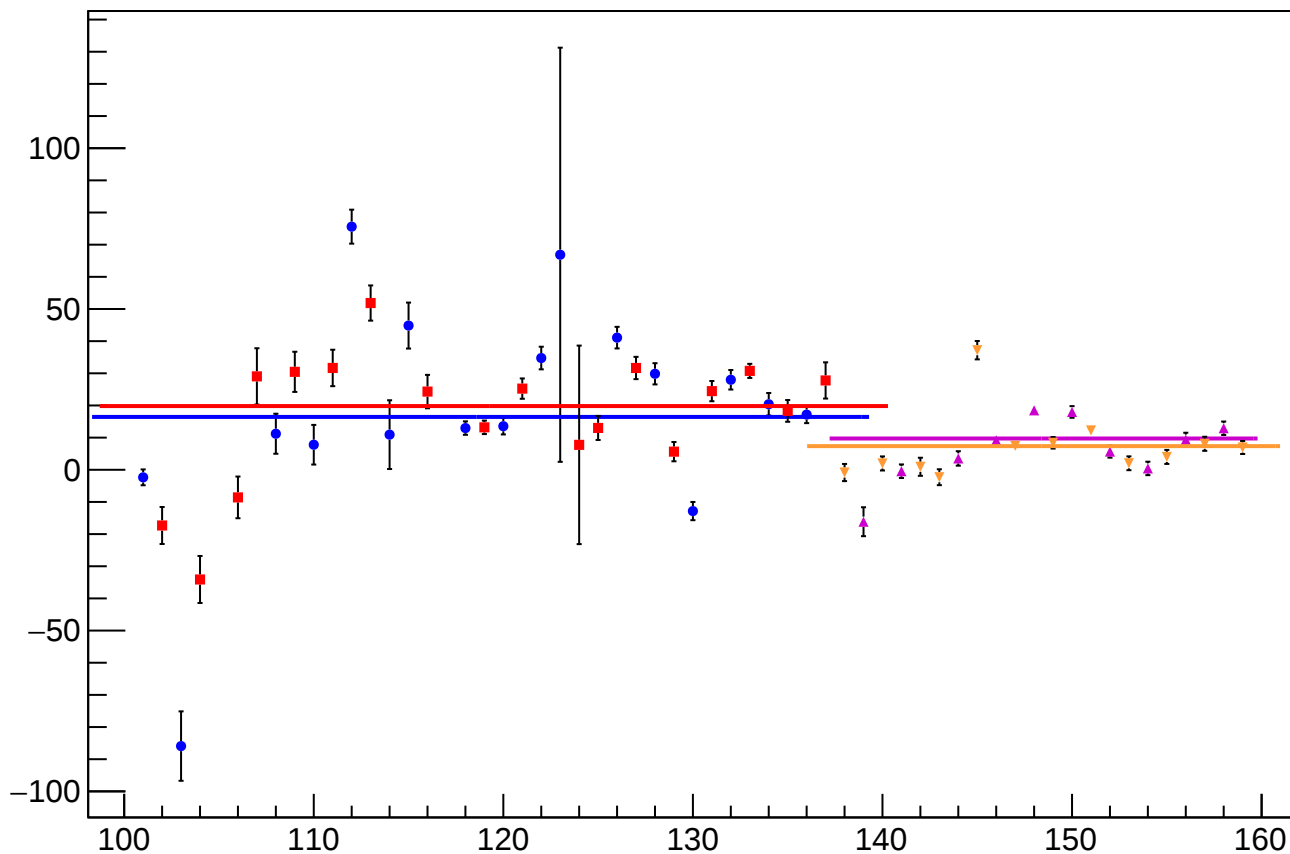
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -36.353+/-0.881 χ^2/NDF : 269.4/9

Out: -29.344+/-0.851 χ^2/NDF : 783.6/11

All: -32.729+/-0.612 χ^2/NDF : 1085.8/21

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.439 ± 0.849 $\chi^2/\text{NDF}: 516.9/16$

Left Out: 7.351 ± 0.572 $\chi^2/\text{NDF}: 165.9/11$

Right Out: 19.813 ± 0.899 $\chi^2/\text{NDF}: 238.5/17$

Left In: 9.727 ± 0.601 $\chi^2/\text{NDF}: 156.7/9$

Left: 8.481 ± 0.414 $\chi^2/\text{NDF}: 330.8/21$

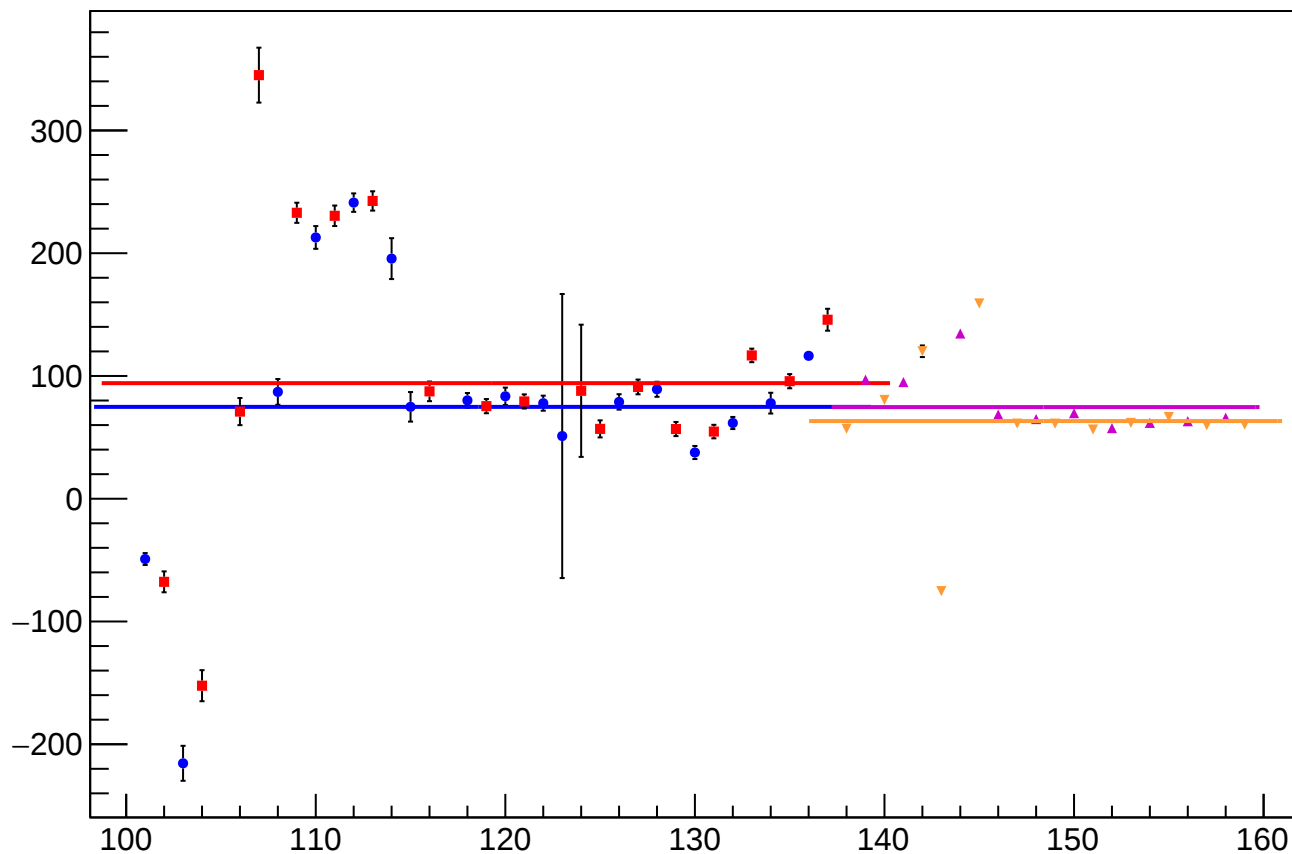
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 11.968 ± 0.490 $\chi^2/\text{NDF}: 715.4/26$

Out: 10.943 ± 0.483 $\chi^2/\text{NDF}: 541.1/29$

All: 11.448 ± 0.344 $\chi^2/\text{NDF}: 1258.7/56$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 ± 1.639 χ^2/NDF : 1996.8/16

Left Out: 63.265 ± 0.833 χ^2/NDF : 2311.4/11

Right Out: 94.153 ± 1.720 χ^2/NDF : 1969.2/17

Left In: 74.653 ± 0.857 χ^2/NDF : 549.6/9

Left: 68.797 ± 0.598 χ^2/NDF : 2951.6/21

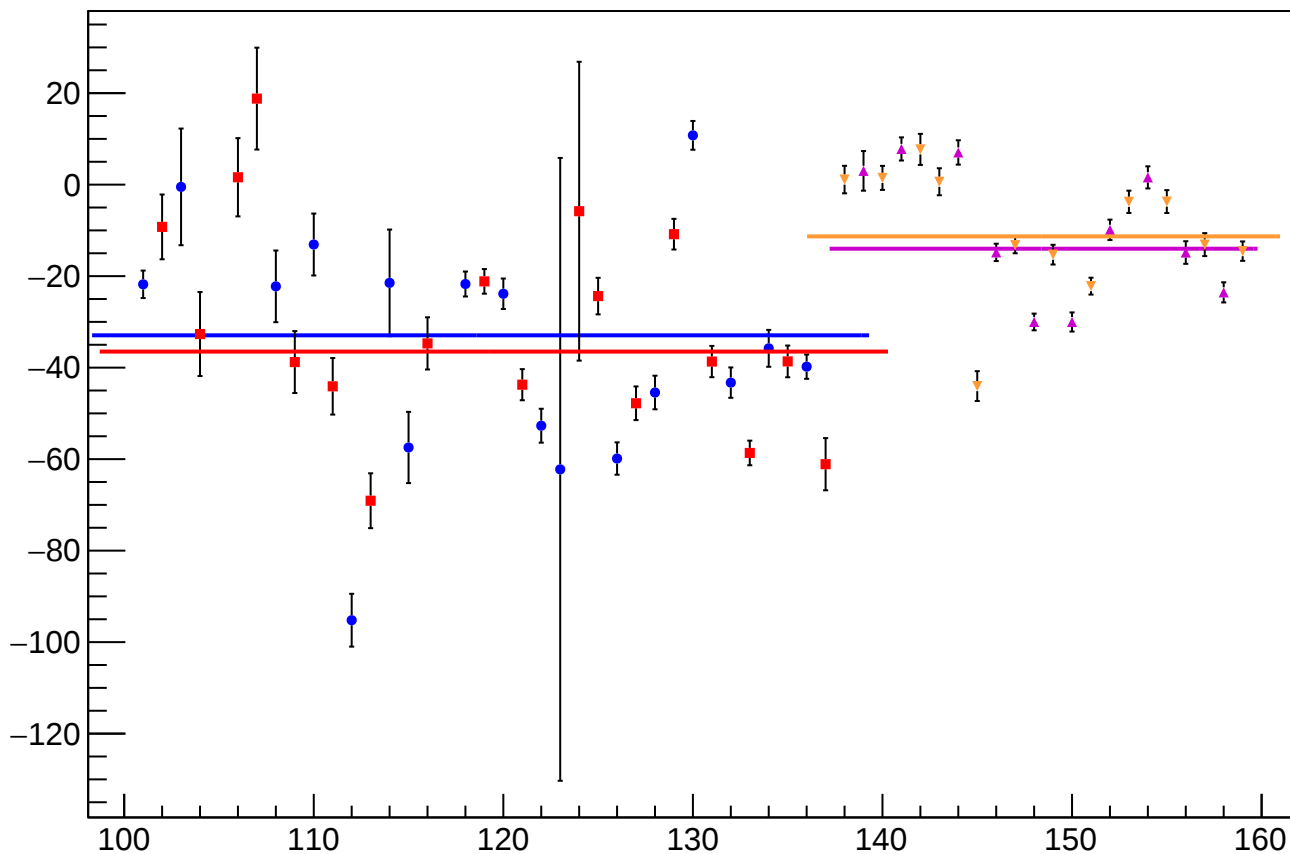
Right: 84.020 ± 1.186 χ^2/NDF : 4032.2/34

In: 74.690 ± 0.760 χ^2/NDF : 2546.4/26

Out: 69.138 ± 0.750 χ^2/NDF : 4541.7/29

All: 71.878 ± 0.534 χ^2/NDF : 7115.1/56

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -11.311 ± 0.692 χ^2/NDF : 250.3/11

Right Out: -36.488 ± 1.027 χ^2/NDF : 293.2/17

Left In: -14.006 ± 0.726 χ^2/NDF : 351.7/9

Left: -12.595 ± 0.501 χ^2/NDF : 609.3/21

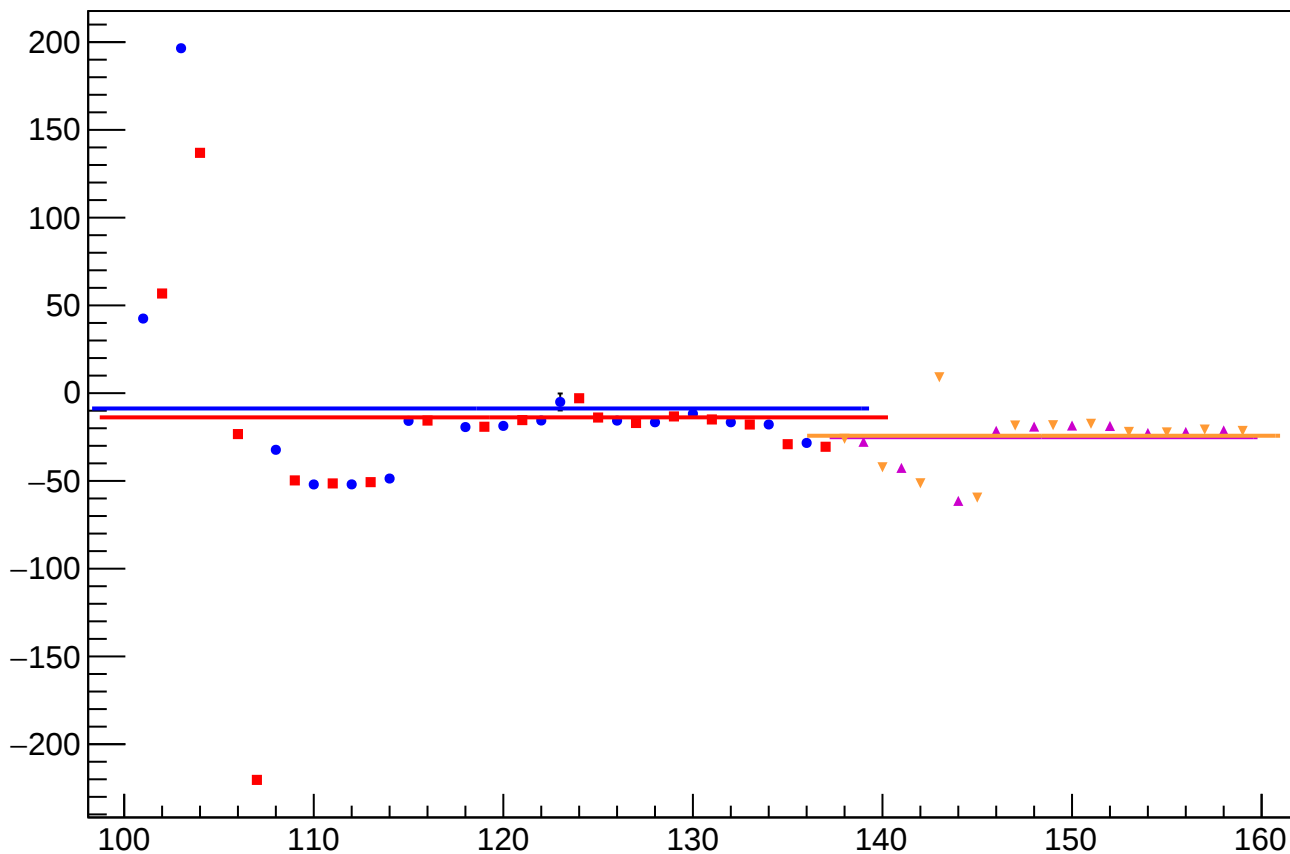
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -20.769 ± 0.582 χ^2/NDF : 1085.6/26

Out: -19.182 ± 0.574 χ^2/NDF : 956.9/29

All: -19.965 ± 0.409 χ^2/NDF : 2046.2/56

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.723 ± 0.059 χ^2/NDF : 575838.7/16

Left Out: -24.261 ± 0.033 χ^2/NDF : 170065.7/11

Right Out: -13.791 ± 0.062 χ^2/NDF : 549380.2/17

Left In: -25.092 ± 0.034 χ^2/NDF : 95965.2/9

Left: -24.666 ± 0.023 χ^2/NDF : 266346.0/21

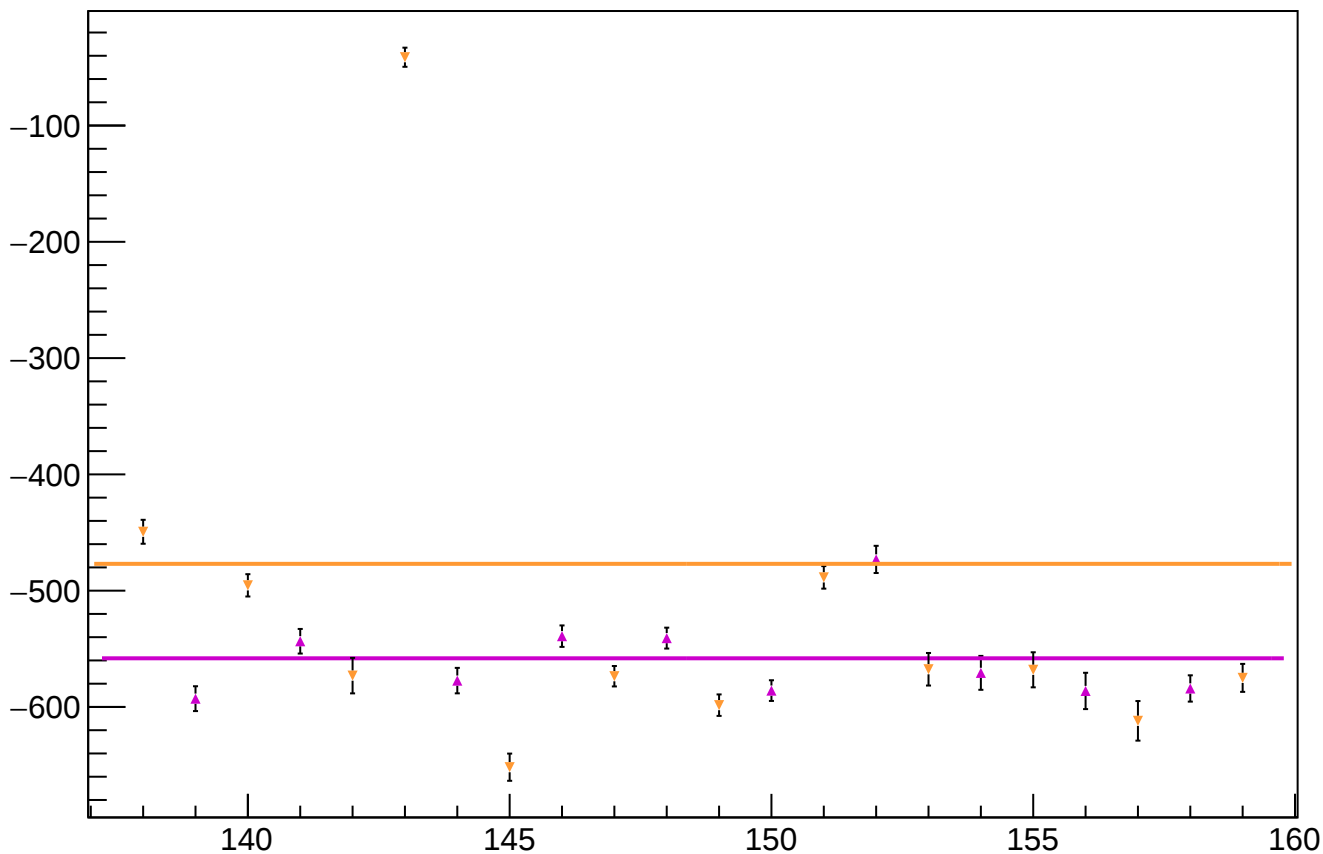
Right: -11.121 ± 0.043 χ^2/NDF : 1128724.7/34

In: -21.087 ± 0.029 χ^2/NDF : 730204.5/26

Out: -21.990 ± 0.029 χ^2/NDF : 741696.1/29

All: -21.541 ± 0.021 χ^2/NDF : 1472385.1/56

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -476.931 ± 3.133 χ^2/NDF : 3583.1/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -558.167 ± 3.395 χ^2/NDF : 95.4/9

Left: -514.292 ± 2.302 χ^2/NDF : 3987.8/21

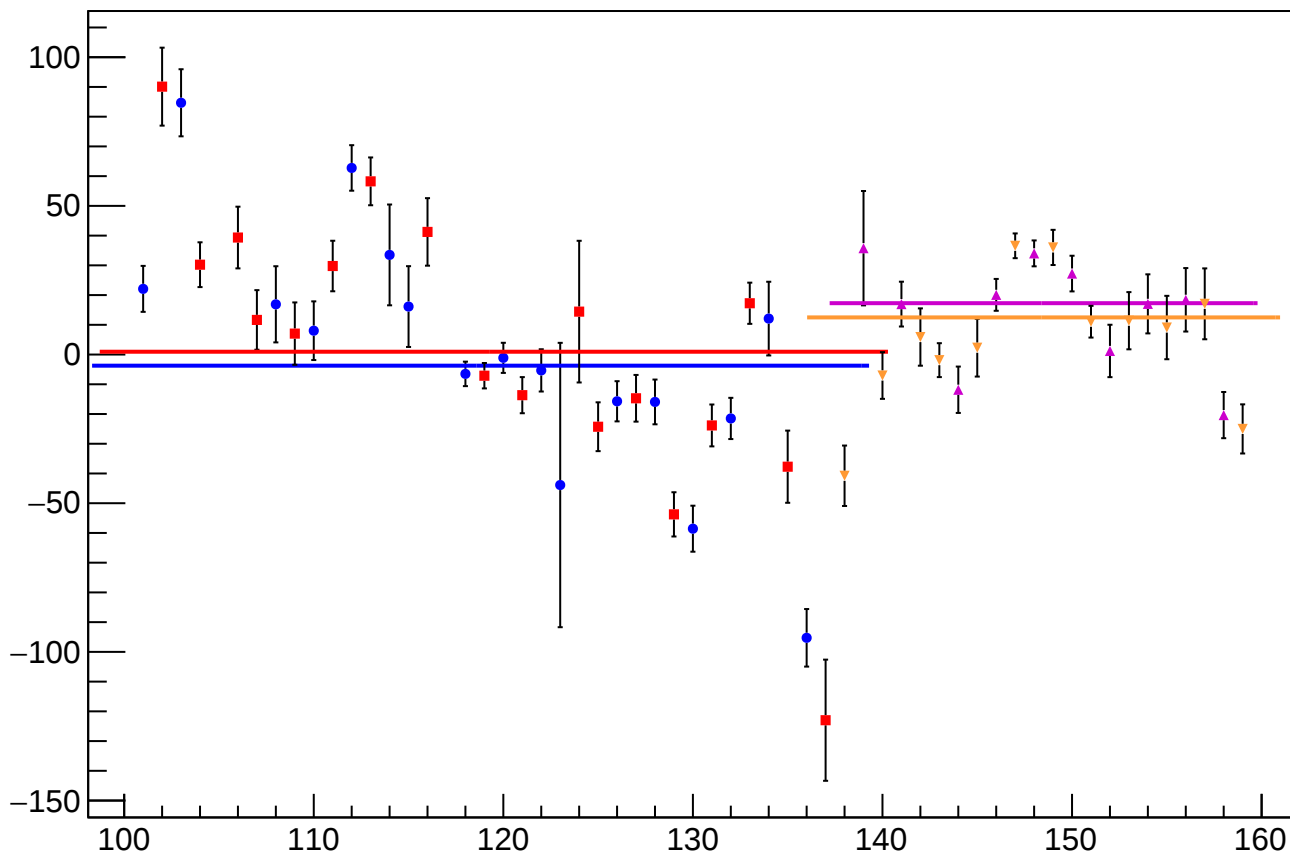
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -558.167 ± 3.395 χ^2/NDF : 95.4/9

Out: -476.931 ± 3.133 χ^2/NDF : 3583.1/11

All: -514.292 ± 2.302 χ^2/NDF : 3987.8/21

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 12.489 ± 2.038 χ^2/NDF : 111.8/11

Right Out: 0.948 ± 1.918 χ^2/NDF : 293.7/17

Left In: 17.277 ± 2.233 χ^2/NDF : 59.5/9

Left: 14.665 ± 1.505 χ^2/NDF : 173.9/21

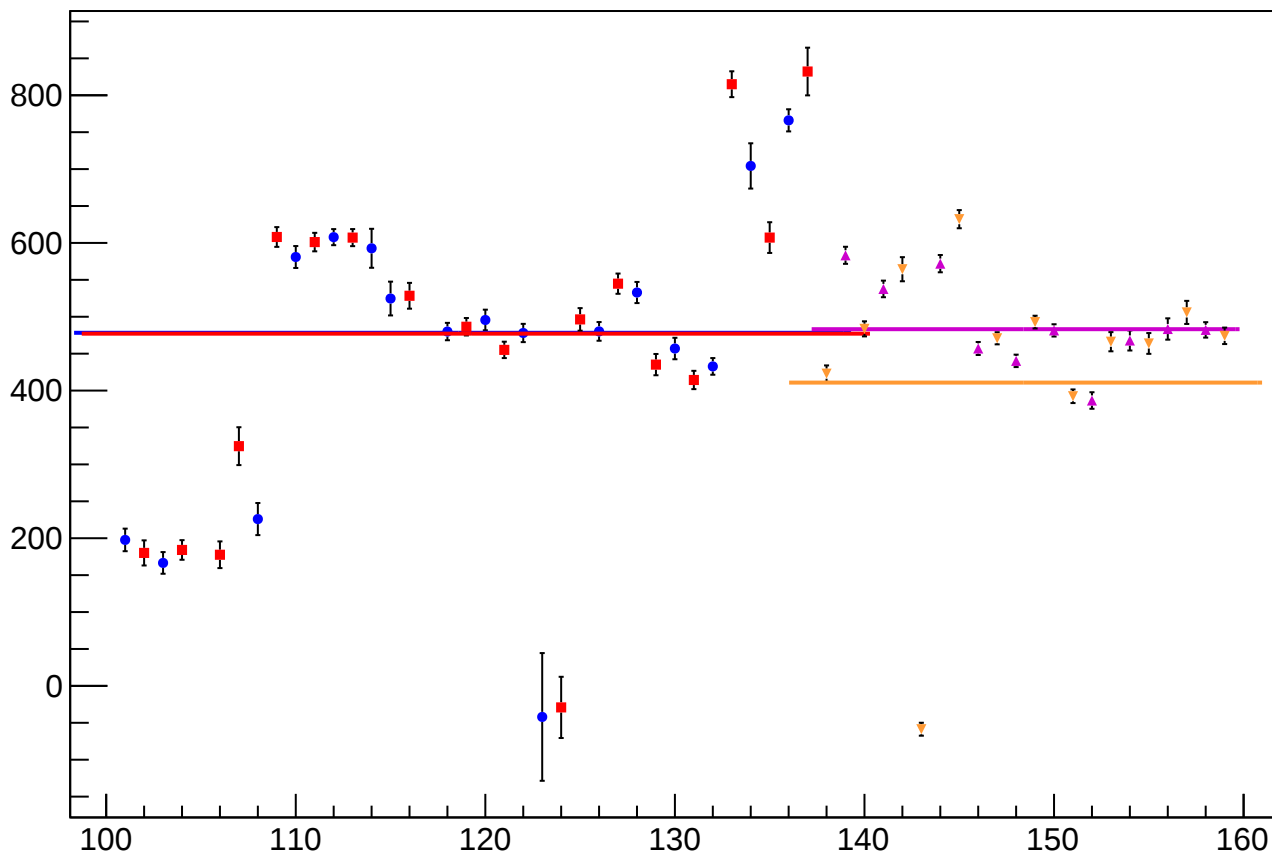
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 5.040 ± 1.443 χ^2/NDF : 425.2/26

Out: 6.369 ± 1.397 χ^2/NDF : 422.5/29

All: 5.726 ± 1.004 χ^2/NDF : 848.1/56

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 410.816+/-3.100 χ^2/NDF : 3576.9/11

Right Out: 477.101+/-3.541 χ^2/NDF : 2175.8/17

Left In: 483.158+/-3.307 χ^2/NDF : 266.3/9

Left: 444.656+/-2.261 χ^2/NDF : 4097.9/21

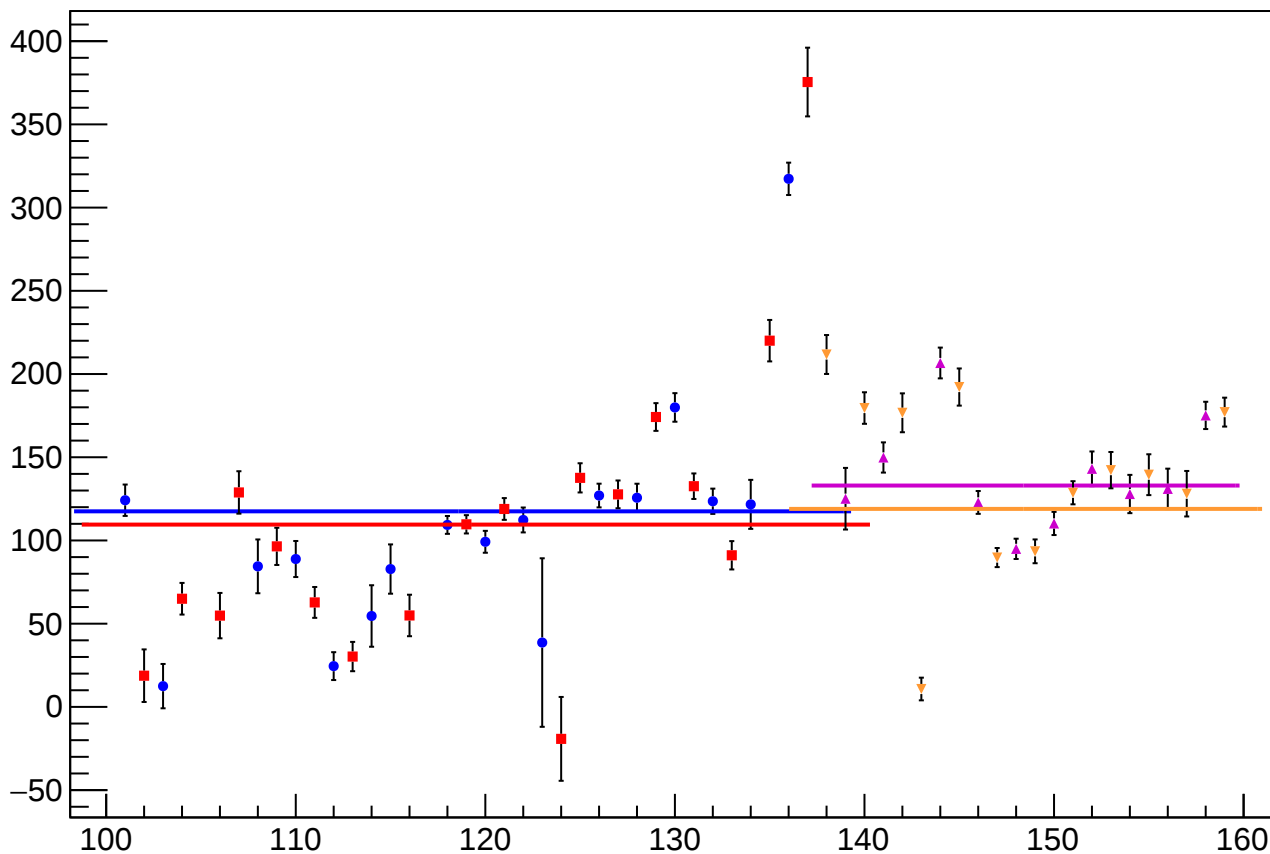
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.945+/-2.447 χ^2/NDF : 1895.2/26

Out: 439.571+/-2.333 χ^2/NDF : 5951.1/29

All: 459.268+/-1.688 χ^2/NDF : 7996.1/56

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 117.502 $\pm$ 2.198 χ^2/NDF : 705.9/16

Left Out: 118.967 $\pm$ 2.503 χ^2/NDF : 516.5/11

Right Out: 109.536 $\pm$ 2.208 χ^2/NDF : 562.2/17

Left In: 132.997 $\pm$ 2.731 χ^2/NDF : 146.5/9

Left: 125.372 $\pm$ 1.845 χ^2/NDF : 677.4/21

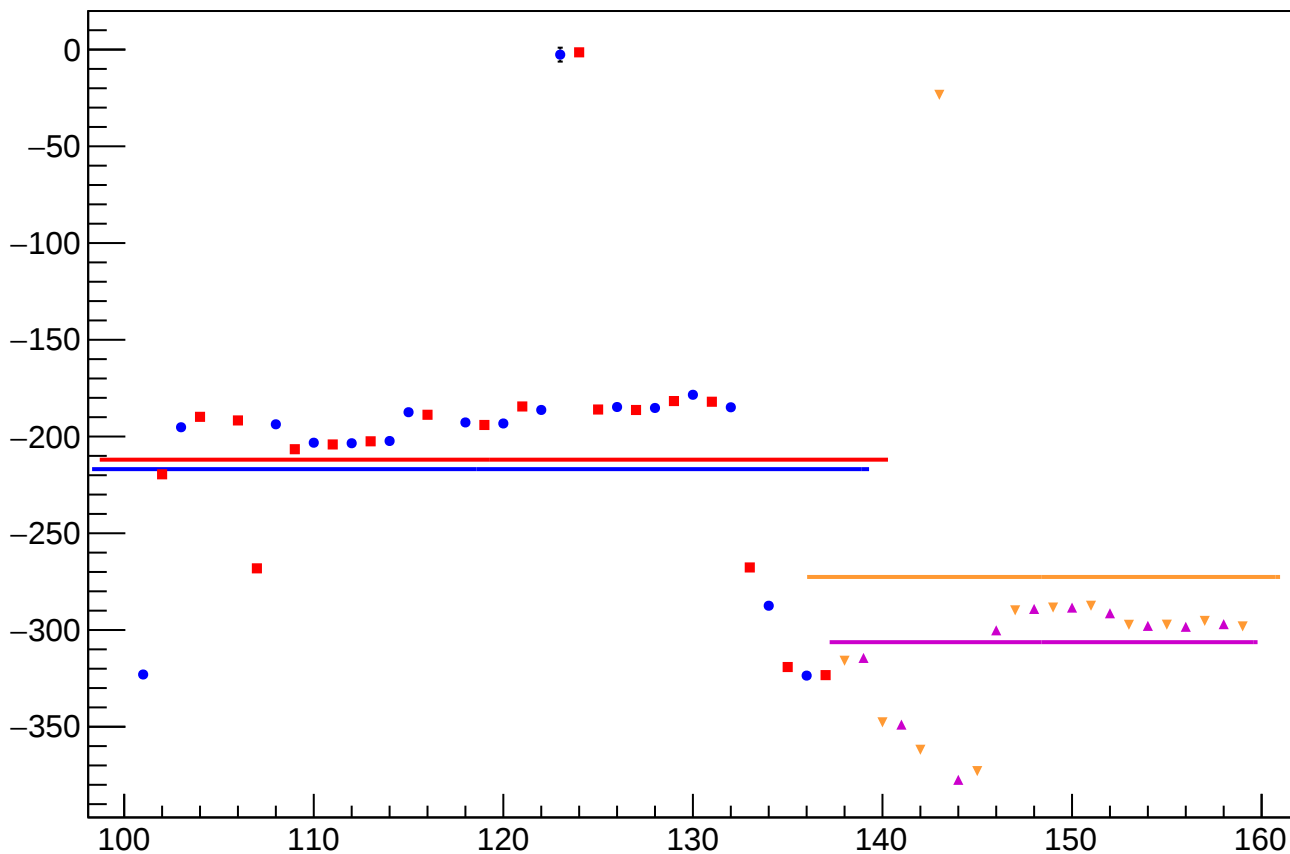
Right: 113.538 $\pm$ 1.558 χ^2/NDF : 1274.7/34

In: 123.592 $\pm$ 1.712 χ^2/NDF : 872.0/26

Out: 113.664 $\pm$ 1.656 χ^2/NDF : 1086.7/29

All: 118.462 $\pm$ 1.190 χ^2/NDF : 1976.1/56

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: -272.581 ± 0.126 $\chi^2/\text{NDF}: 615925.6/11$

Right Out: -211.961 ± 0.131 $\chi^2/\text{NDF}: 112091.8/17$

Left In: -306.286 ± 0.132 $\chi^2/\text{NDF}: 35797.1/9$

Left: -288.576 ± 0.091 $\chi^2/\text{NDF}: 685897.9/21$

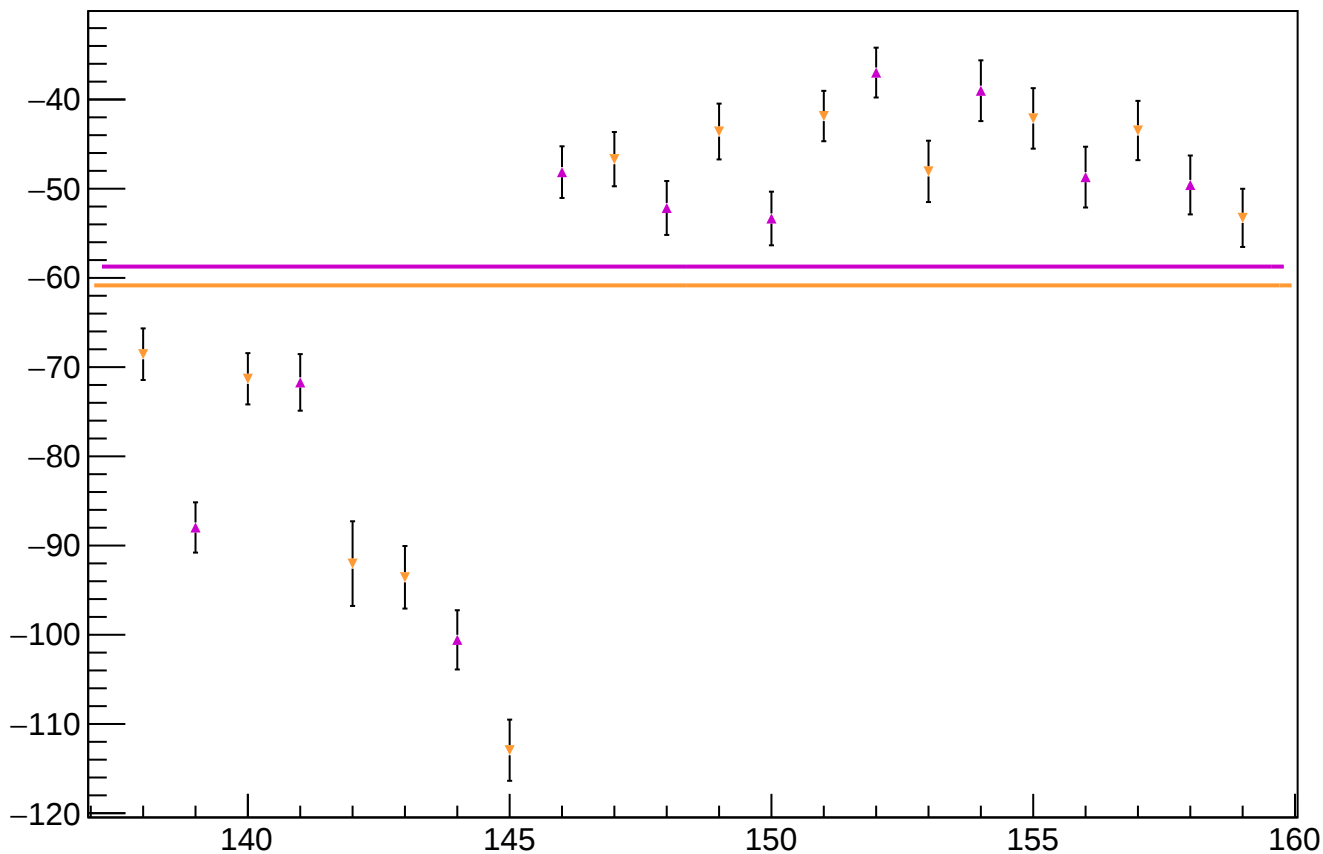
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -262.803 ± 0.095 $\chi^2/\text{NDF}: 405356.6/26$

Out: -243.467 ± 0.091 $\chi^2/\text{NDF}: 839893.6/29$

All: -252.698 ± 0.065 $\chi^2/\text{NDF}: 1267023.0/56$

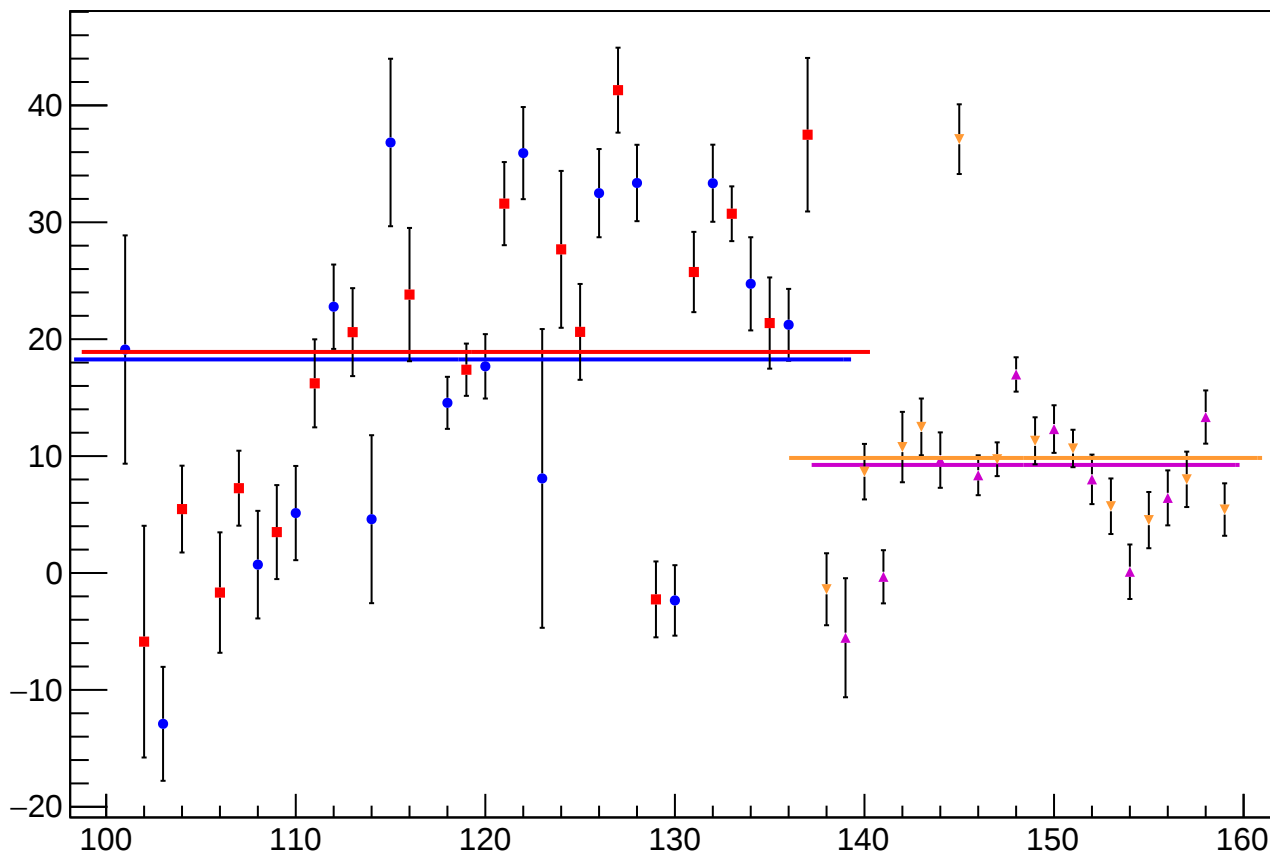
reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -60.838+/-0.935 χ^2/NDF :555.9/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -58.730+/-0.977 χ^2/NDF :415.1/9

Left: -59.830+/-0.676 χ^2/NDF : 973.4/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -58.730+/-0.977 χ^2/NDF :415.1/9
 Out: -60.838+/-0.935 χ^2/NDF :555.9/11
 All: -59.830+/-0.676 χ^2/NDF : 973.4/21

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: 9.841 ± 0.630 $\chi^2/\text{NDF}: 111.7/11$

Right Out: 18.909 ± 0.864 $\chi^2/\text{NDF}: 198.1/17$

Left In: 9.244 ± 0.668 $\chi^2/\text{NDF}: 76.8/9$

Left: 9.560 ± 0.459 $\chi^2/\text{NDF}: 188.9/21$

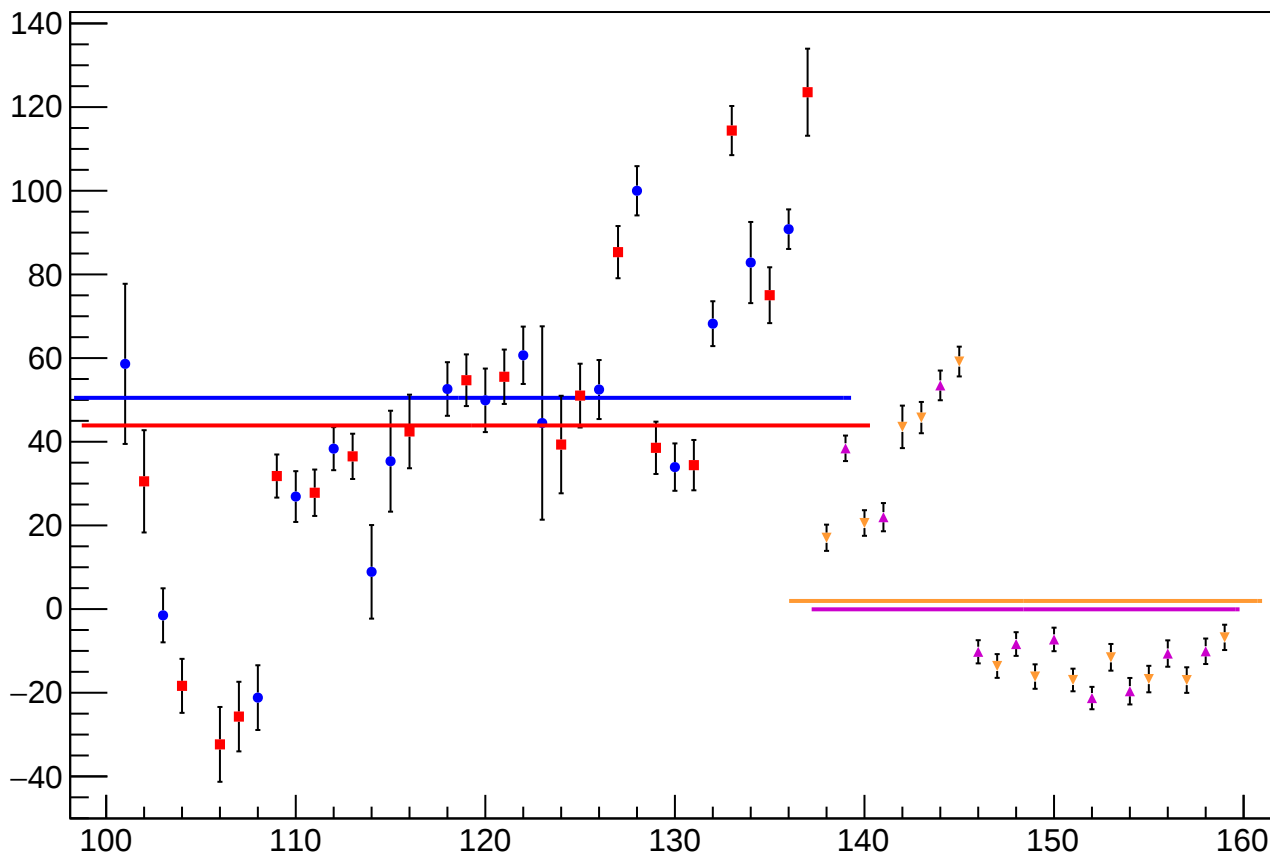
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 12.421 ± 0.538 $\chi^2/\text{NDF}: 349.3/26$

Out: 12.989 ± 0.509 $\chi^2/\text{NDF}: 381.6/29$

All: 12.721 ± 0.370 $\chi^2/\text{NDF}: 731.5/56$

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: 1.941 $\pm$ 0.917 χ^2 /NDF: 739.3/11

Right Out: 43.895 $\pm$ 1.604 χ^2 /NDF: 531.7/17

Left In: -0.061 $\pm$ 0.952 χ^2 /NDF: 580.9/9

Left: 0.978 $\pm$ 0.660 χ^2 /NDF: 1322.5/21

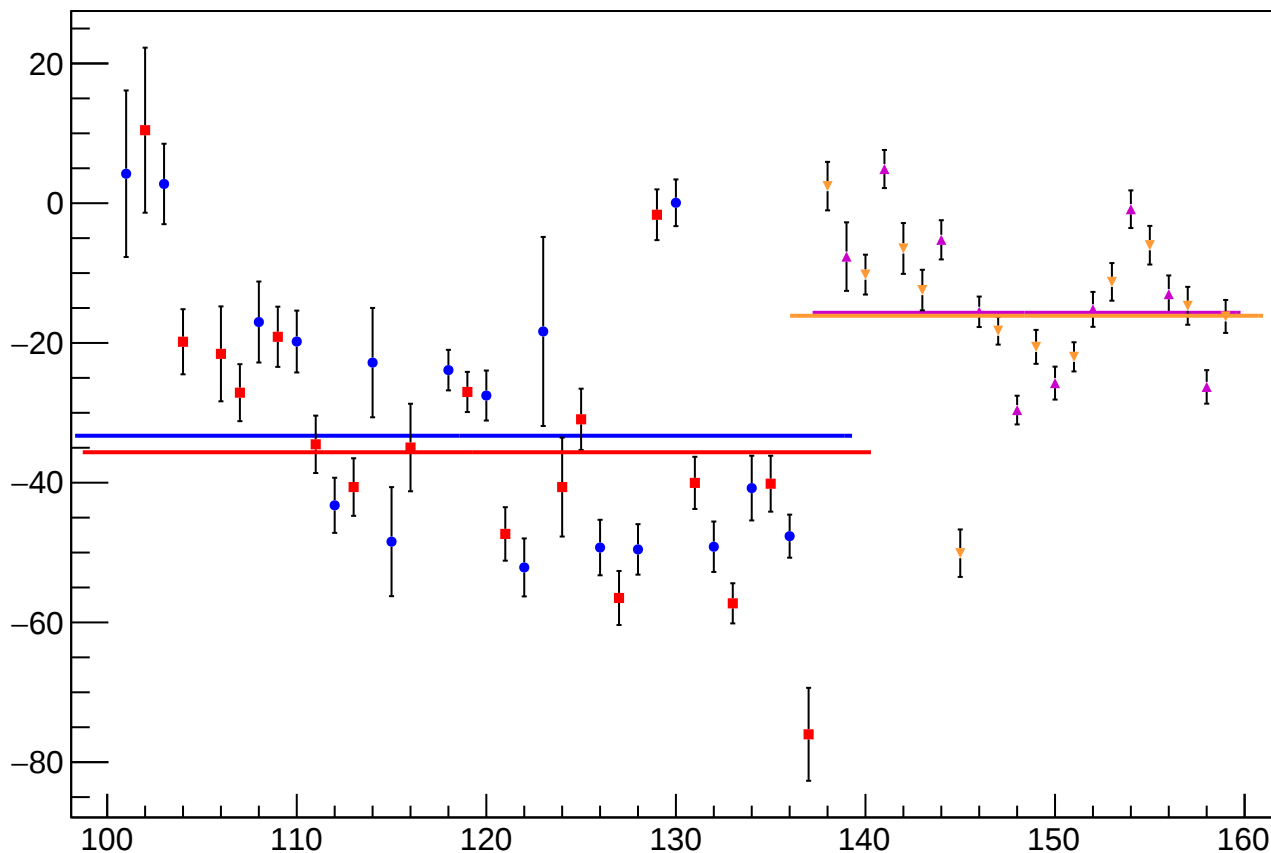
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 12.328 $\pm$ 0.827 χ^2 /NDF: 1635.3/26

Out: 12.279 $\pm$ 0.796 χ^2 /NDF: 1786.7/29

All: 12.302 $\pm$ 0.574 χ^2 /NDF: 3422.1/56

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.281 ± 1.035 $\chi^2/\text{NDF}: 292.9/16$

Left Out: -16.107 ± 0.762 $\chi^2/\text{NDF}: 170.8/11$

Right Out: -35.644 ± 0.993 $\chi^2/\text{NDF}: 284.6/17$

Left In: -15.684 ± 0.805 $\chi^2/\text{NDF}: 188.5/9$

Left: -15.907 ± 0.553 $\chi^2/\text{NDF}: 359.5/21$

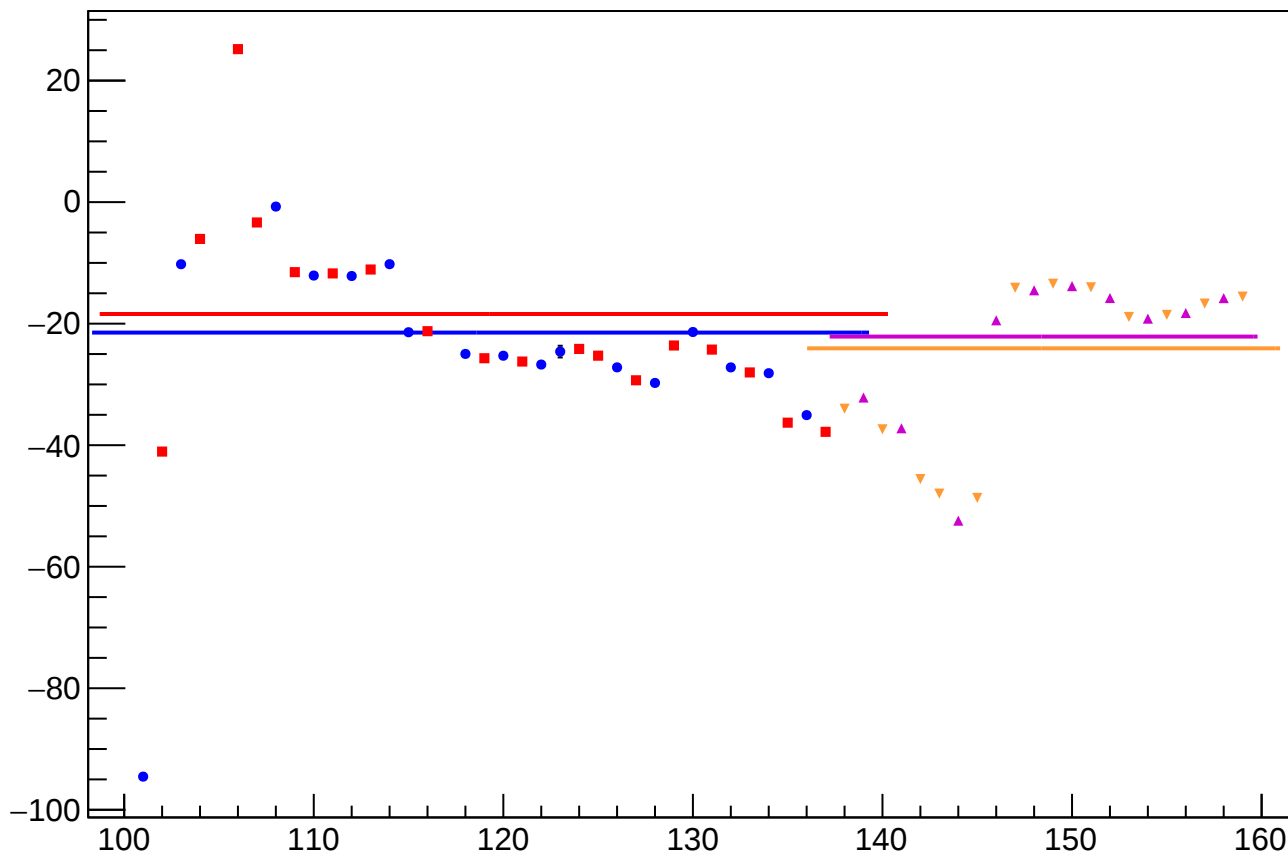
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -22.322 ± 0.636 $\chi^2/\text{NDF}: 661.5/26$

Out: -23.348 ± 0.604 $\chi^2/\text{NDF}: 699.2/29$

All: -22.861 ± 0.438 $\chi^2/\text{NDF}: 1362.0/56$

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.469 ± 0.059 $\chi^2/\text{NDF}: 48979.5/16$

Left Out: -24.061 ± 0.036 $\chi^2/\text{NDF}: 119675.6/11$

Right Out: -18.411 ± 0.057 $\chi^2/\text{NDF}: 77587.3/17$

Left In: -22.127 ± 0.037 $\chi^2/\text{NDF}: 77252.0/9$

Left: -23.126 ± 0.026 $\chi^2/\text{NDF}: 198328.5/21$

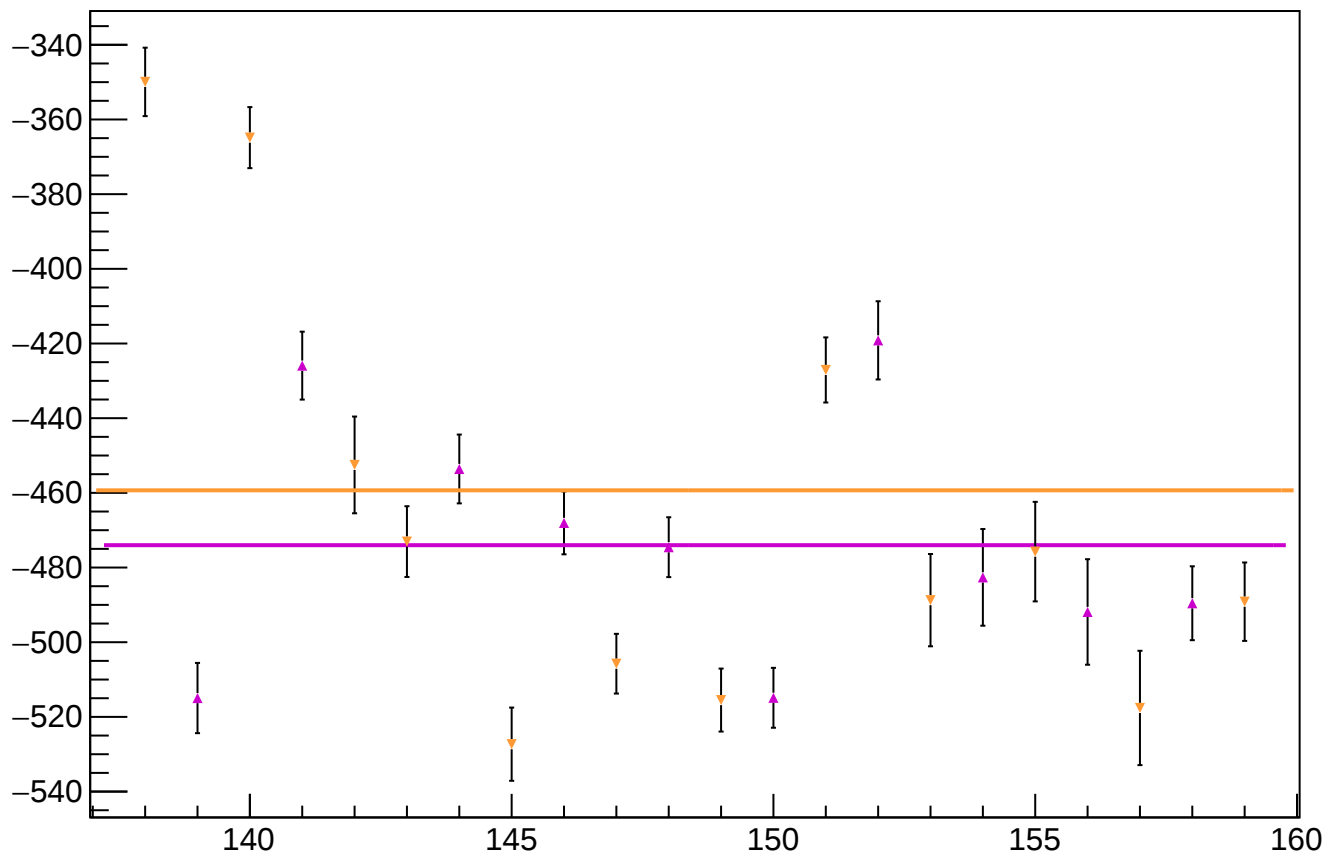
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -21.939 ± 0.031 $\chi^2/\text{NDF}: 126321.0/26$

Out: -22.470 ± 0.030 $\chi^2/\text{NDF}: 204227.4/29$

All: -22.212 ± 0.022 $\chi^2/\text{NDF}: 330695.9/56$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -459.321+/-2.854 χ^2/NDF :447.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -474.012+/-3.006 χ^2/NDF :110.2/9

Left: -466.288+/-2.070 χ^2/NDF : 570.7/21

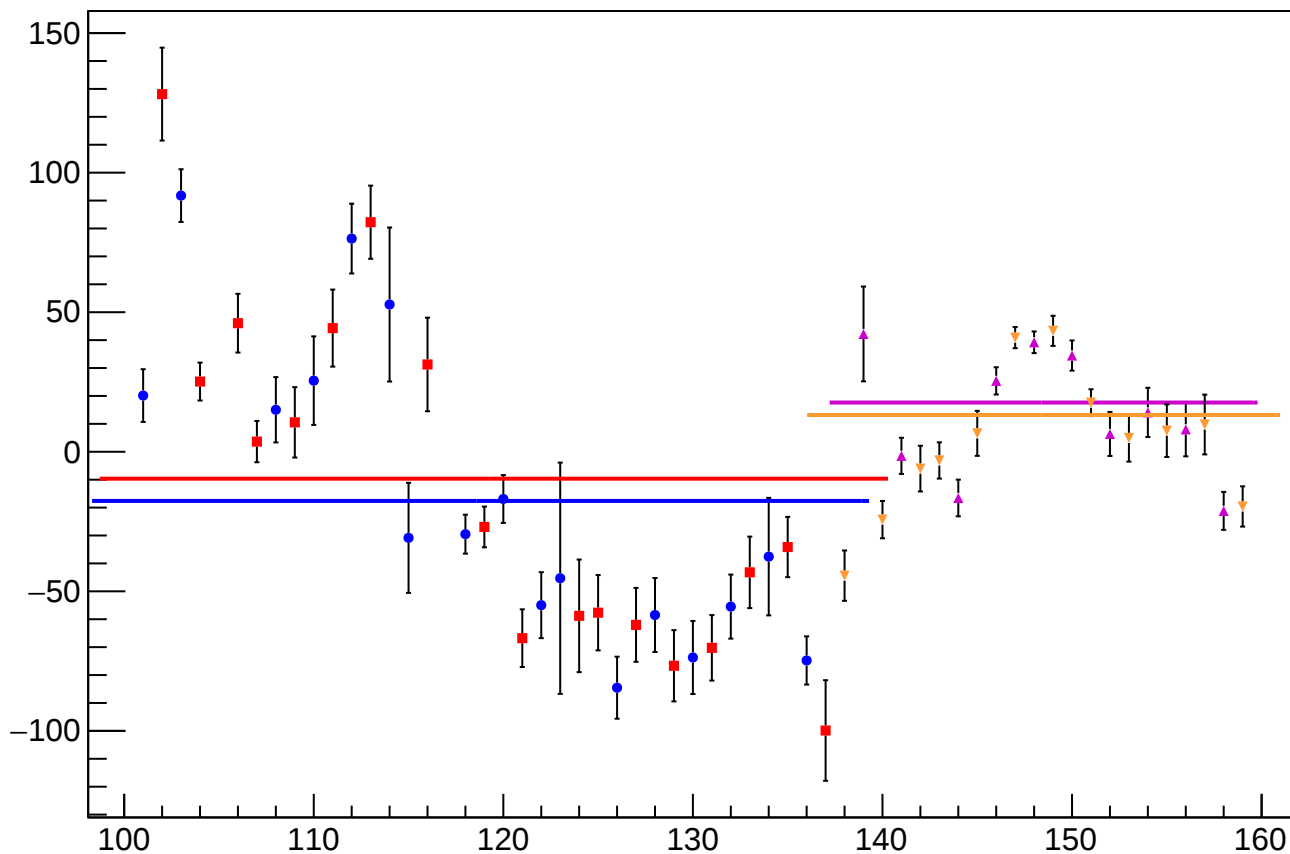
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.012+/-3.006 χ^2/NDF :110.2/9

Out: -459.321+/-2.854 χ^2/NDF :447.9/11

All: -466.288+/-2.070 χ^2/NDF : 570.7/21

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -17.619 ± 2.786 $\chi^2/\text{NDF}: 362.0/16$

Left Out: 13.173 ± 1.860 $\chi^2/\text{NDF}: 192.3/11$

Right Out: -9.641 ± 2.613 $\chi^2/\text{NDF}: 360.7/17$

Left In: 17.639 ± 1.983 $\chi^2/\text{NDF}: 116.9/9$

Left: 15.264 ± 1.357 $\chi^2/\text{NDF}: 311.9/21$

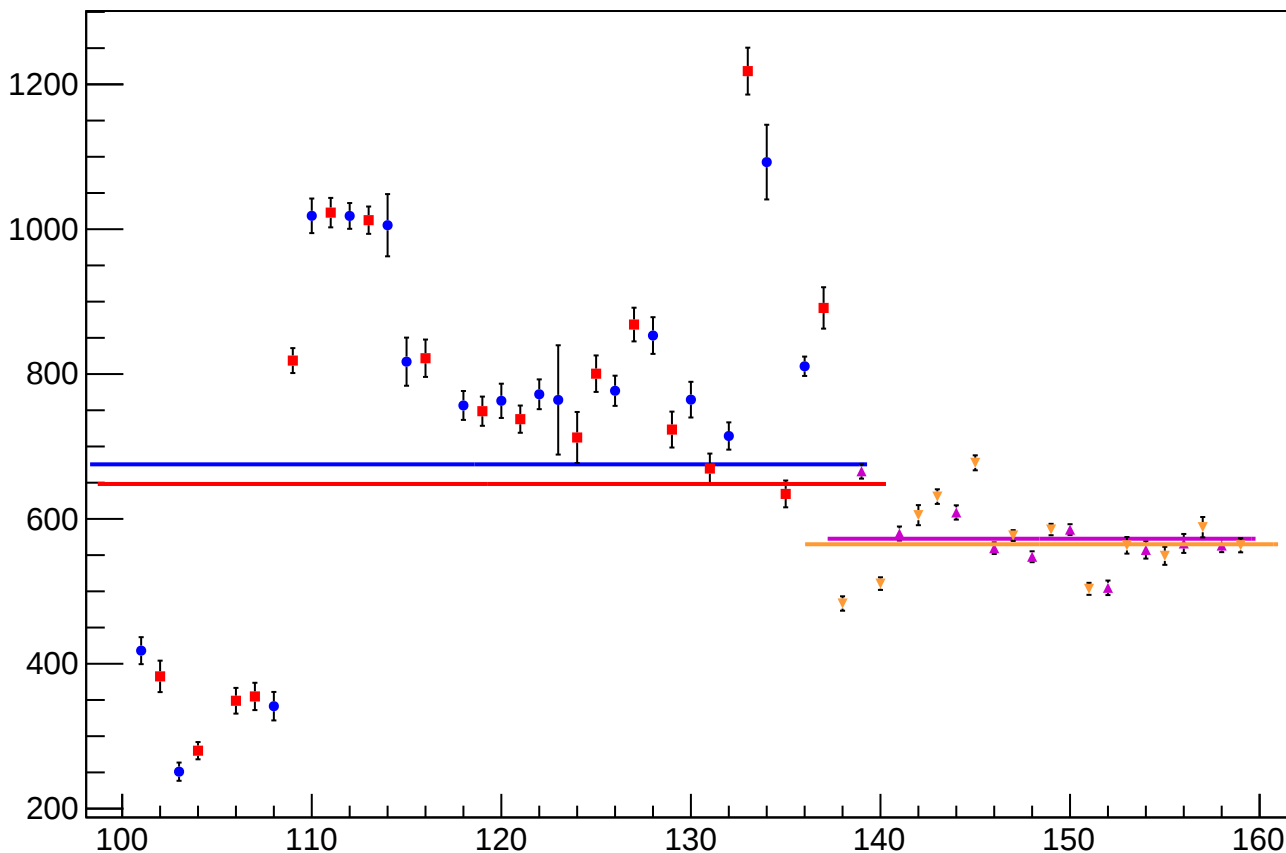
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 5.784 ± 1.616 $\chi^2/\text{NDF}: 585.2/26$

Out: 5.498 ± 1.515 $\chi^2/\text{NDF}: 603.6/29$

All: 5.631 ± 1.105 $\chi^2/\text{NDF}: 1188.8/56$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 $\pm$ 5.046 χ^2 /NDF: 2582.7/16

Left Out: 564.992 $\pm$ 2.819 χ^2 /NDF:344.4/11

Right Out: 648.229 $\pm$ 4.775 χ^2 /NDF: 3059.0/17

Left In: 572.625 $\pm$ 2.933 χ^2 /NDF:162.8/9

Left: 568.657 $\pm$ 2.032 χ^2 /NDF: 510.7/21

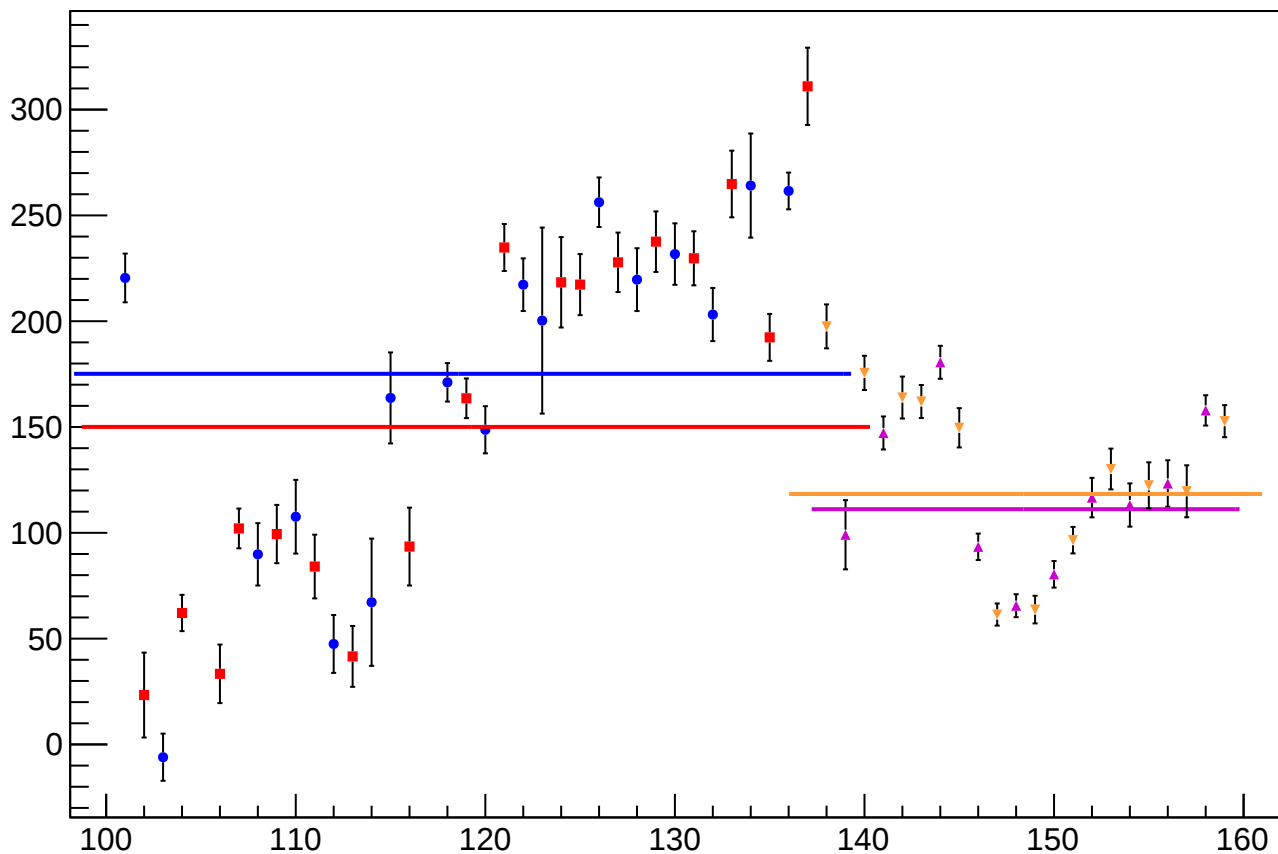
Right: 661.037 $\pm$ 3.468 χ^2 /NDF: 5656.9/34

In: 598.564 $\pm$ 2.536 χ^2 /NDF:3055.2/26

Out: 586.504 $\pm$ 2.427 χ^2 /NDF:3628.7/29

All: 592.271 $\pm$ 1.753 χ^2 /NDF: 6695.8/56

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 175.142 $\pm$ 3.209 χ^2/NDF : 635.6/16

Left Out: 118.351 $\pm$ 2.284 χ^2/NDF :395.5/11

Right Out: 150.054 $\pm$ 3.045 χ^2/NDF : 686.2/17

Left In: 111.165 $\pm$ 2.423 χ^2/NDF :247.9/9

Left: 114.969 $\pm$ 1.662 χ^2/NDF : 648.1/21

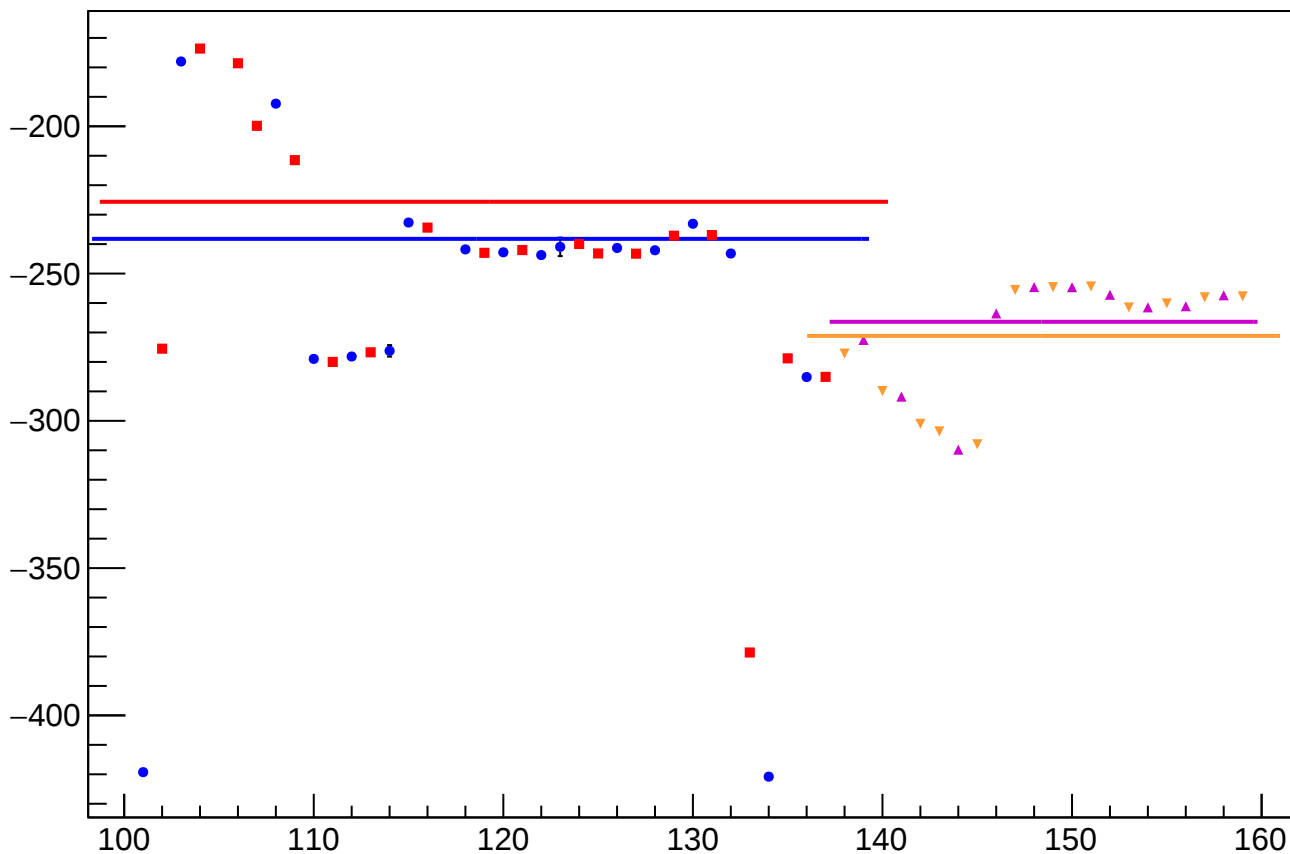
Right: 161.941 $\pm$ 2.209 χ^2/NDF : 1354.0/34

In: 134.390 $\pm$ 1.934 χ^2/NDF :1136.7/26

Out: 129.765 $\pm$ 1.827 χ^2/NDF :1151.0/29

All: 131.947 $\pm$ 1.328 χ^2/NDF : 2290.7/56

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -271.153+/-0.114 χ^2/NDF : 29881.9/11

Right Out: -225.623+/-0.152 χ^2/NDF : 95450.2/17

Left In: -266.372+/-0.117 χ^2/NDF : 18984.2/9

Left: -268.825+/-0.082 χ^2/NDF : 49720.2/21

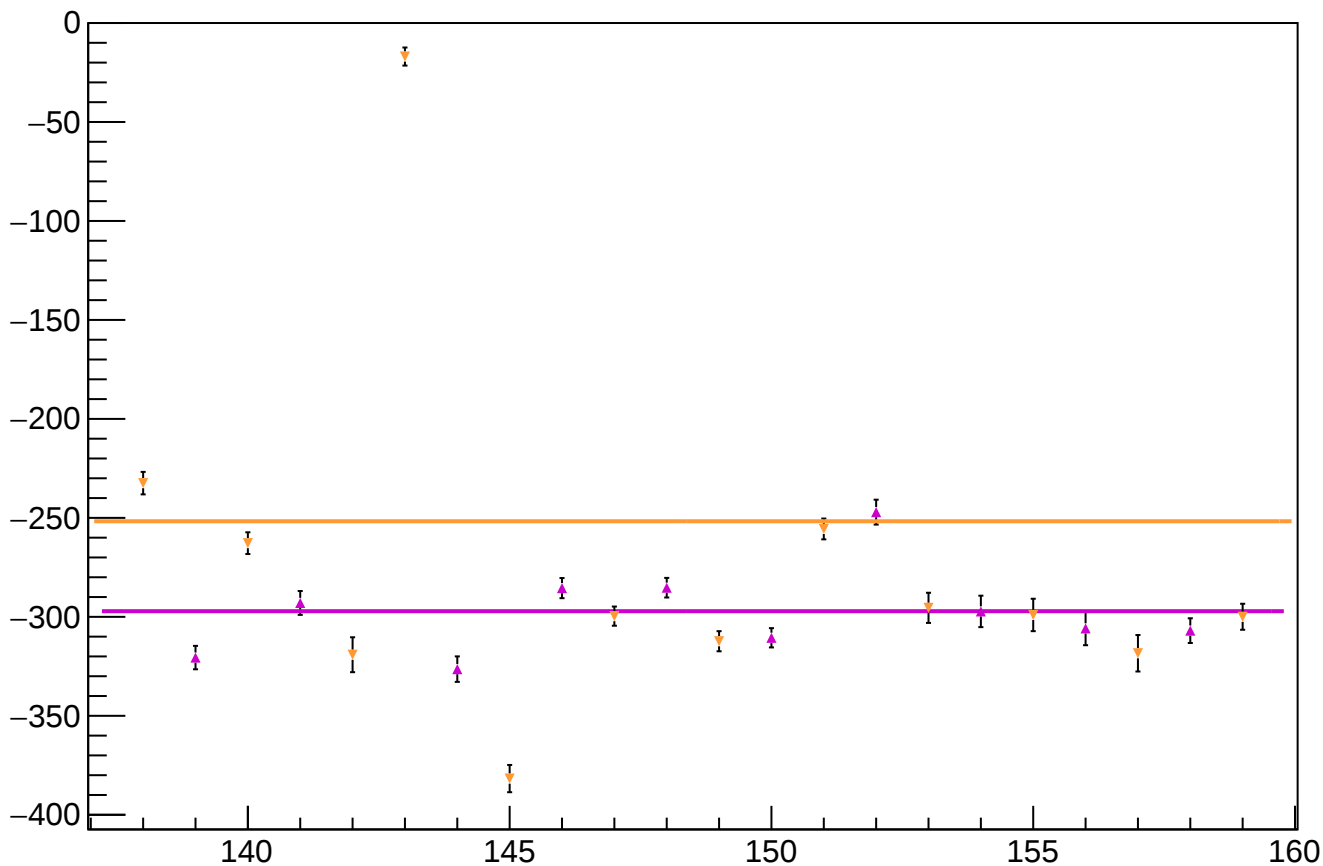
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.548+/-0.095 χ^2/NDF : 206227.6/26

Out: -254.675+/-0.091 χ^2/NDF : 182907.8/29

All: -255.577+/-0.066 χ^2/NDF : 389338.6/56

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: -251.706 ± 1.739 $\chi^2/\text{NDF}: 3490.8/11$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: -297.144 ± 1.882 $\chi^2/\text{NDF}: 122.3/9$

Left: -272.628 ± 1.277 $\chi^2/\text{NDF}: 3927.6/21$

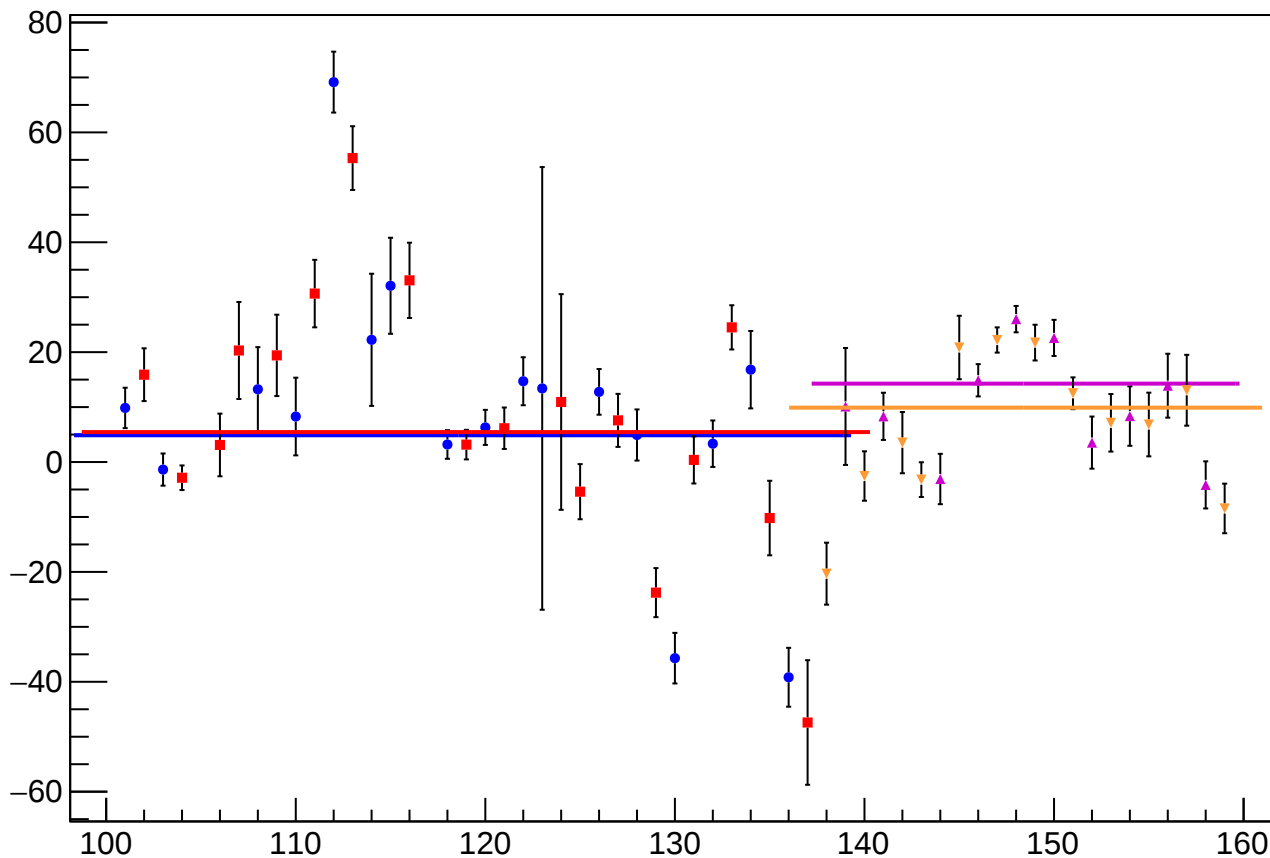
Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

In: -297.144 ± 1.882 $\chi^2/\text{NDF}: 122.3/9$

Out: -251.706 ± 1.739 $\chi^2/\text{NDF}: 3490.8/11$

All: -272.628 ± 1.277 $\chi^2/\text{NDF}: 3927.6/21$

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 ± 1.091 $\chi^2/\text{NDF}: 311.5/16$

Left Out: 9.898 ± 1.128 $\chi^2/\text{NDF}: 118.6/11$

Right Out: 5.450 ± 1.071 $\chi^2/\text{NDF}: 231.5/17$

Left In: 14.270 ± 1.235 $\chi^2/\text{NDF}: 71.6/9$

Left: 11.886 ± 0.833 $\chi^2/\text{NDF}: 197.0/21$

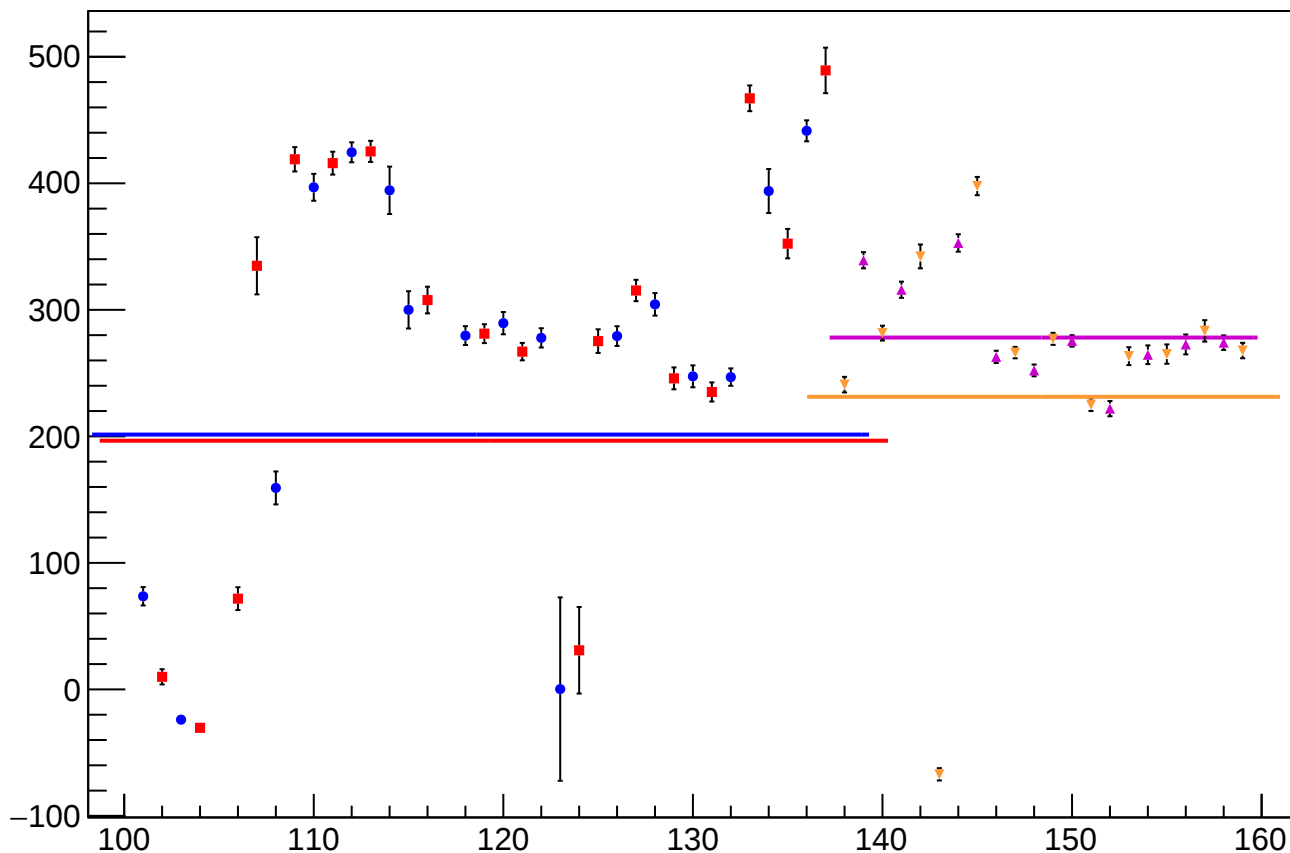
Right: 5.165 ± 0.764 $\chi^2/\text{NDF}: 543.2/34$

In: 8.988 ± 0.818 $\chi^2/\text{NDF}: 415.7/26$

Out: 7.559 ± 0.777 $\chi^2/\text{NDF}: 358.3/29$

All: 8.237 ± 0.563 $\chi^2/\text{NDF}: 775.6/56$

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: 231.251 $\pm$ 1.717 χ^2 /NDF: 4773.0/11

Right Out: 196.565 $\pm$ 1.931 χ^2 /NDF: 8178.1/17

Left In: 278.087 $\pm$ 1.829 χ^2 /NDF: 376.3/9

Left: 253.180 $\pm$ 1.252 χ^2 /NDF: 5497.8/21

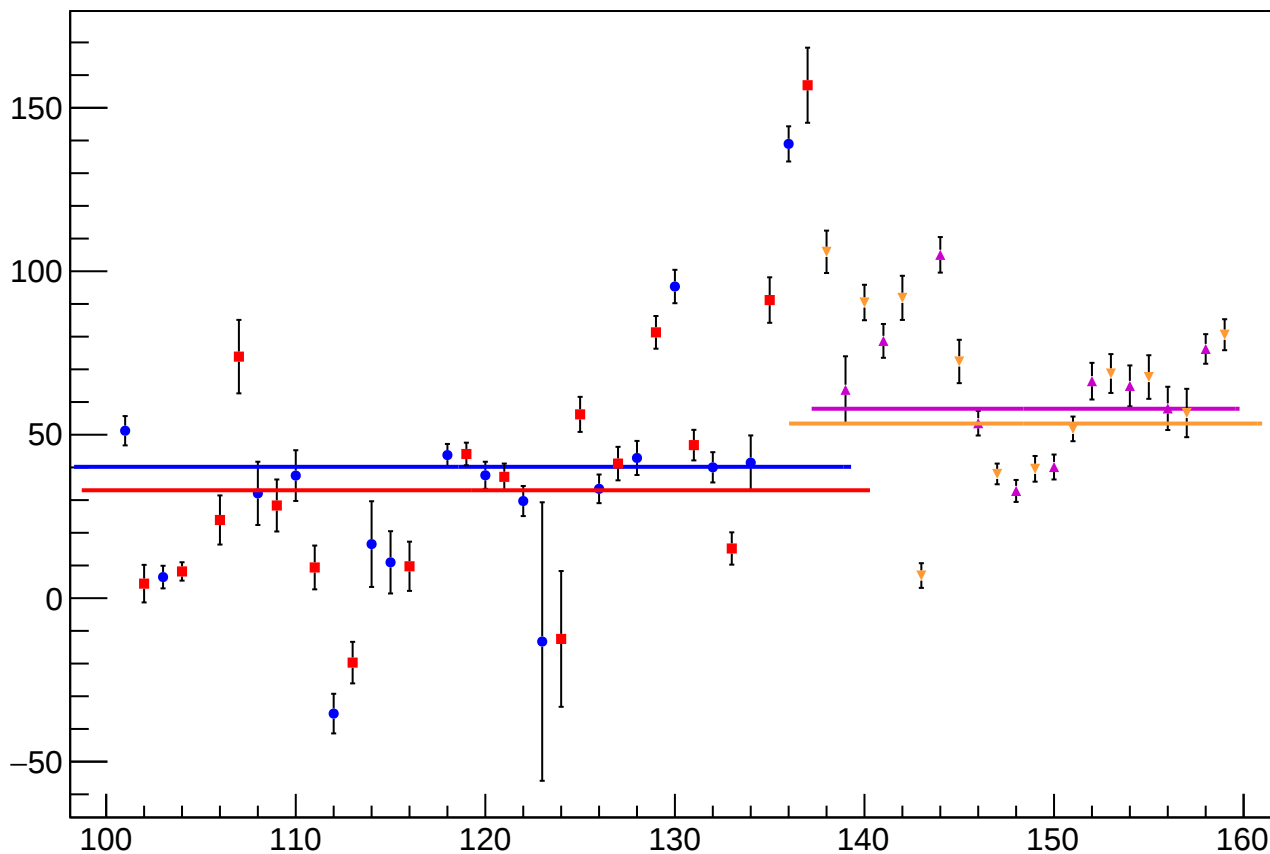
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 242.650 $\pm$ 1.342 χ^2 /NDF: 7928.6/26

Out: 215.942 $\pm$ 1.283 χ^2 /NDF: 13131.3/29

All: 228.699 $\pm$ 0.927 χ^2 /NDF: 21266.8/56

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: 53.419 ± 1.386 $\chi^2/\text{NDF}: 384.7/11$

Right Out: 33.009 ± 1.253 $\chi^2/\text{NDF}: 547.2/17$

Left In: 57.944 ± 1.512 $\chi^2/\text{NDF}: 190.4/9$

Left: 55.485 ± 1.021 $\chi^2/\text{NDF}: 580.0/21$

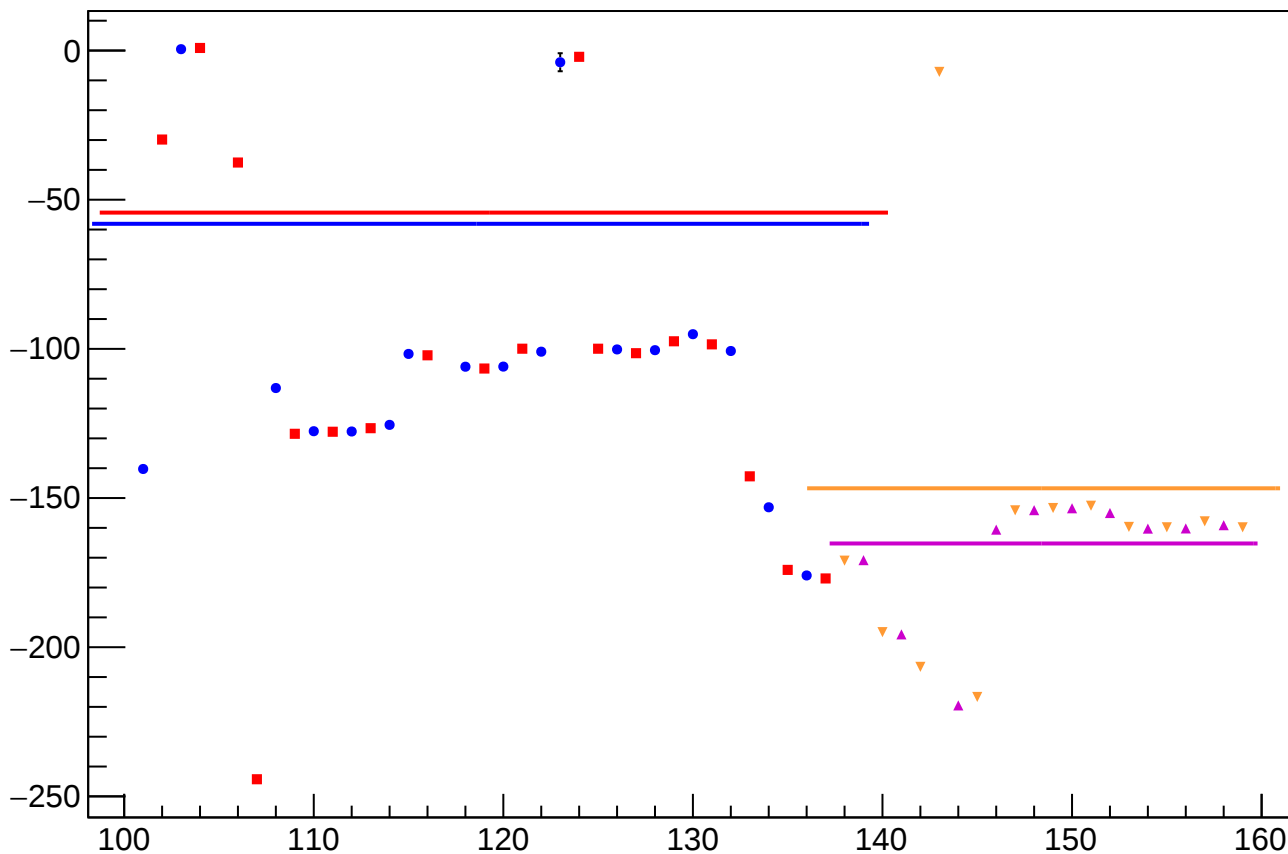
Right: 36.547 ± 0.892 $\chi^2/\text{NDF}: 1297.4/34$

In: 47.532 ± 0.972 $\chi^2/\text{NDF}: 1005.4/26$

Out: 42.189 ± 0.929 $\chi^2/\text{NDF}: 1051.3/29$

All: 44.739 ± 0.672 $\chi^2/\text{NDF}: 2072.4/56$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077+/-0.062 χ^2/NDF : 1104437.7/16

Left Out: -146.734+/-0.069 χ^2/NDF : 654079.9/11

Right Out: -54.323+/-0.060 χ^2/NDF : 991053.6/17

Left In: -165.231+/-0.073 χ^2/NDF : 57446.9/9

Left: -155.520+/-0.050 χ^2/NDF : 745203.9/21

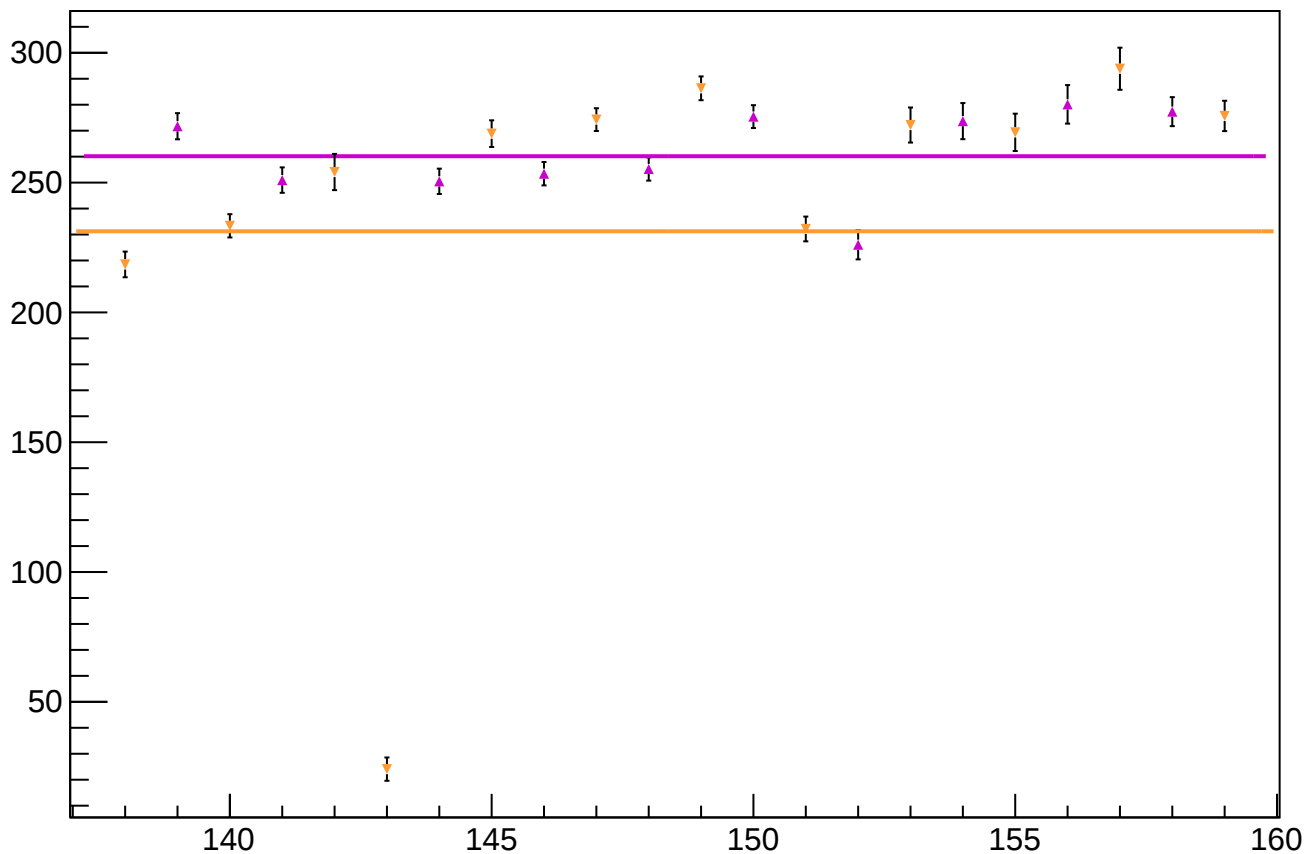
Right: -56.164+/-0.043 χ^2/NDF : 2097382.5/34

In: -102.638+/-0.047 χ^2/NDF : 2419412.2/26

Out: -94.138+/-0.046 χ^2/NDF : 2652402.1/29

All: -98.251+/-0.033 χ^2/NDF : 5088628.3/56

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: 231.246+/-1.528 χ^2/NDF :2621.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 260.164+/-1.630 χ^2/NDF :85.0/9

Left: 244.770+/-1.115 χ^2/NDF : 2874.4/21

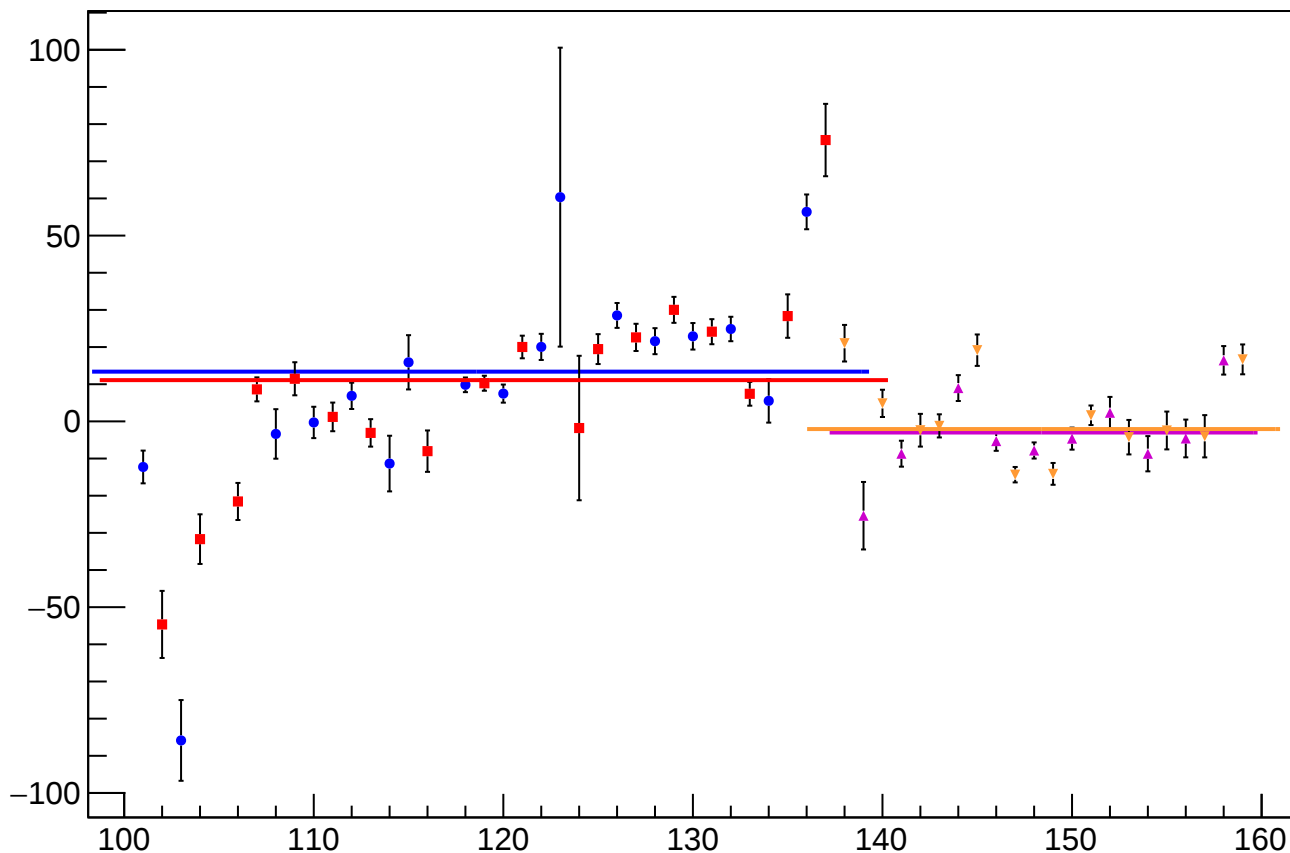
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.164+/-1.630 χ^2/NDF :85.0/9

Out: 231.246+/-1.528 χ^2/NDF :2621.9/11

All: 244.770+/-1.115 χ^2/NDF : 2874.4/21

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 $\pm$ 0.921 χ^2 /NDF: 294.1/16

Left Out: -2.066 $\pm$ 1.002 χ^2 /NDF:126.8/11

Right Out: 11.101 $\pm$ 0.915 χ^2 /NDF: 292.2/17

Left In: -2.999 $\pm$ 1.082 χ^2 /NDF:55.3/9

Left: -2.497 $\pm$ 0.735 χ^2 /NDF: 182.5/21

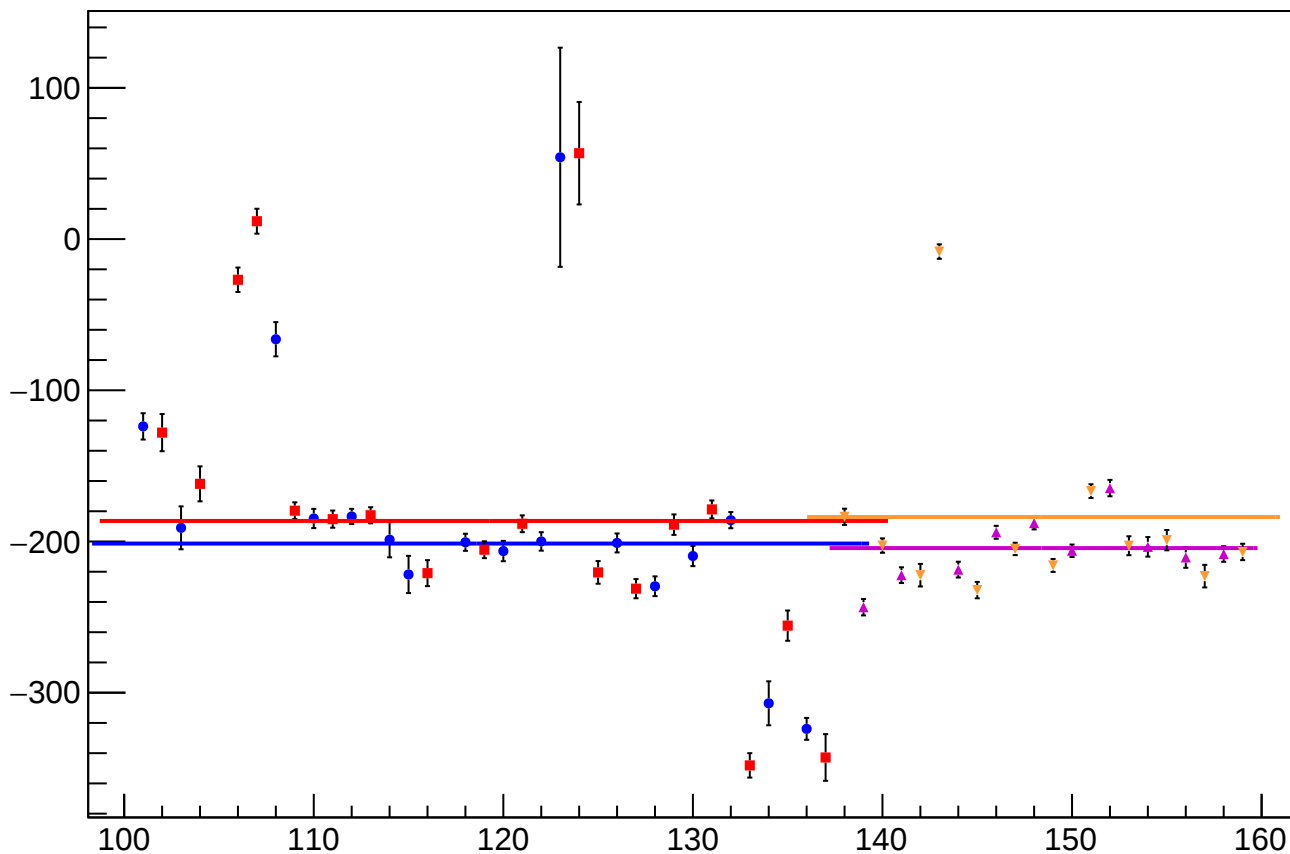
Right: 12.236 $\pm$ 0.649 χ^2 /NDF: 589.4/34

In: 6.502 $\pm$ 0.701 χ^2 /NDF:482.3/26

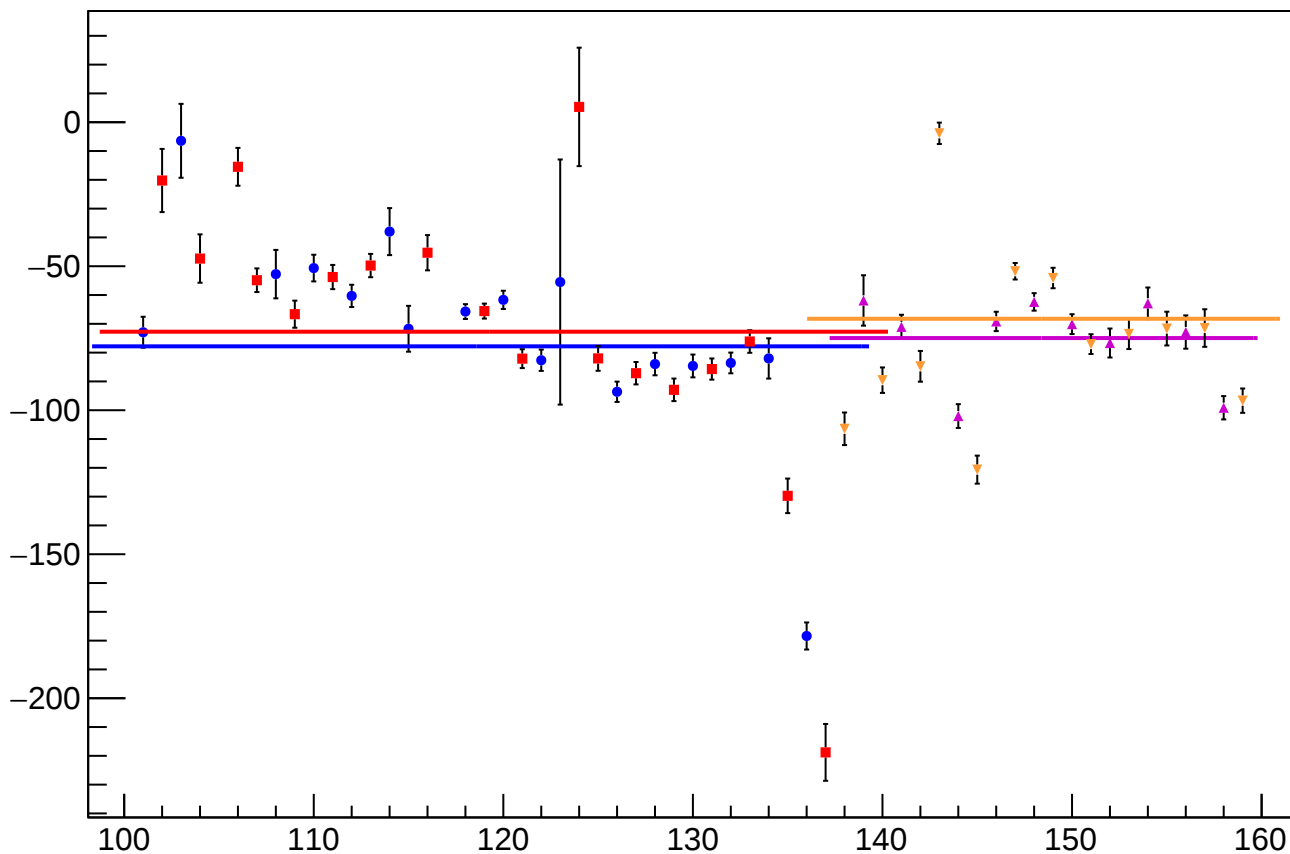
Out: 5.110 $\pm$ 0.676 χ^2 /NDF:513.2/29

All: 5.780 $\pm$ 0.487 χ^2 /NDF: 997.5/56

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -68.242 ± 1.228 $\chi^2/\text{NDF}: 596.8/11$

Right Out: -72.734 ± 1.054 $\chi^2/\text{NDF}: 599.0/17$

Left In: -74.942 ± 1.320 $\chi^2/\text{NDF}: 109.0/9$

Left: -71.348 ± 0.899 $\chi^2/\text{NDF}: 719.6/21$

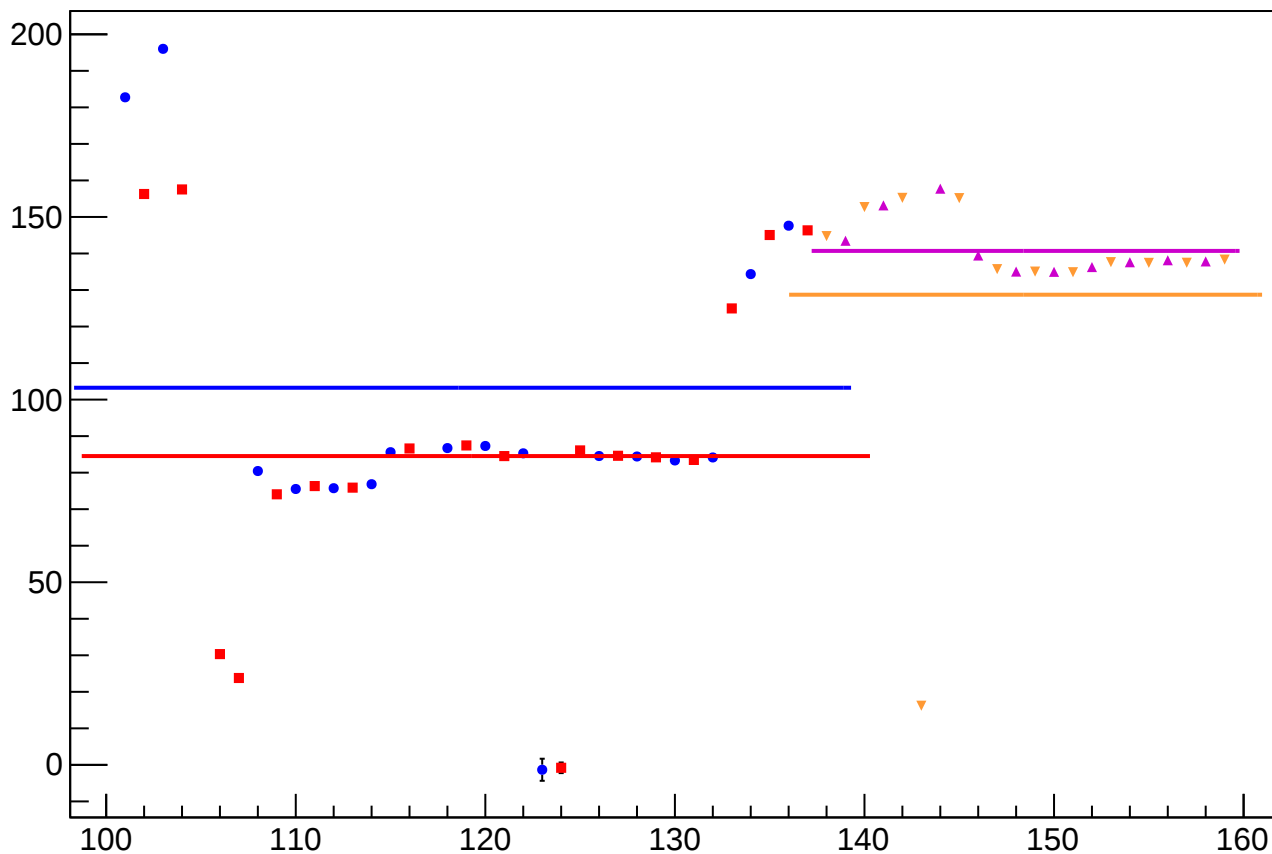
Right: -75.241 ± 0.750 $\chi^2/\text{NDF}: 1266.8/34$

In: -76.681 ± 0.830 $\chi^2/\text{NDF}: 768.2/26$

Out: -70.829 ± 0.800 $\chi^2/\text{NDF}: 1203.5/29$

All: -73.644 ± 0.576 $\chi^2/\text{NDF}: 1997.5/56$

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 +/- 0.070 χ^2/NDF : 273390.3/16

Left Out: 128.715 +/- 0.061 χ^2/NDF : 394699.5/11

Right Out: 84.542 +/- 0.064 χ^2/NDF : 411395.0/17

Left In: 140.706 +/- 0.064 χ^2/NDF : 12364.4/9

Left: 134.473 +/- 0.044 χ^2/NDF : 425528.7/21

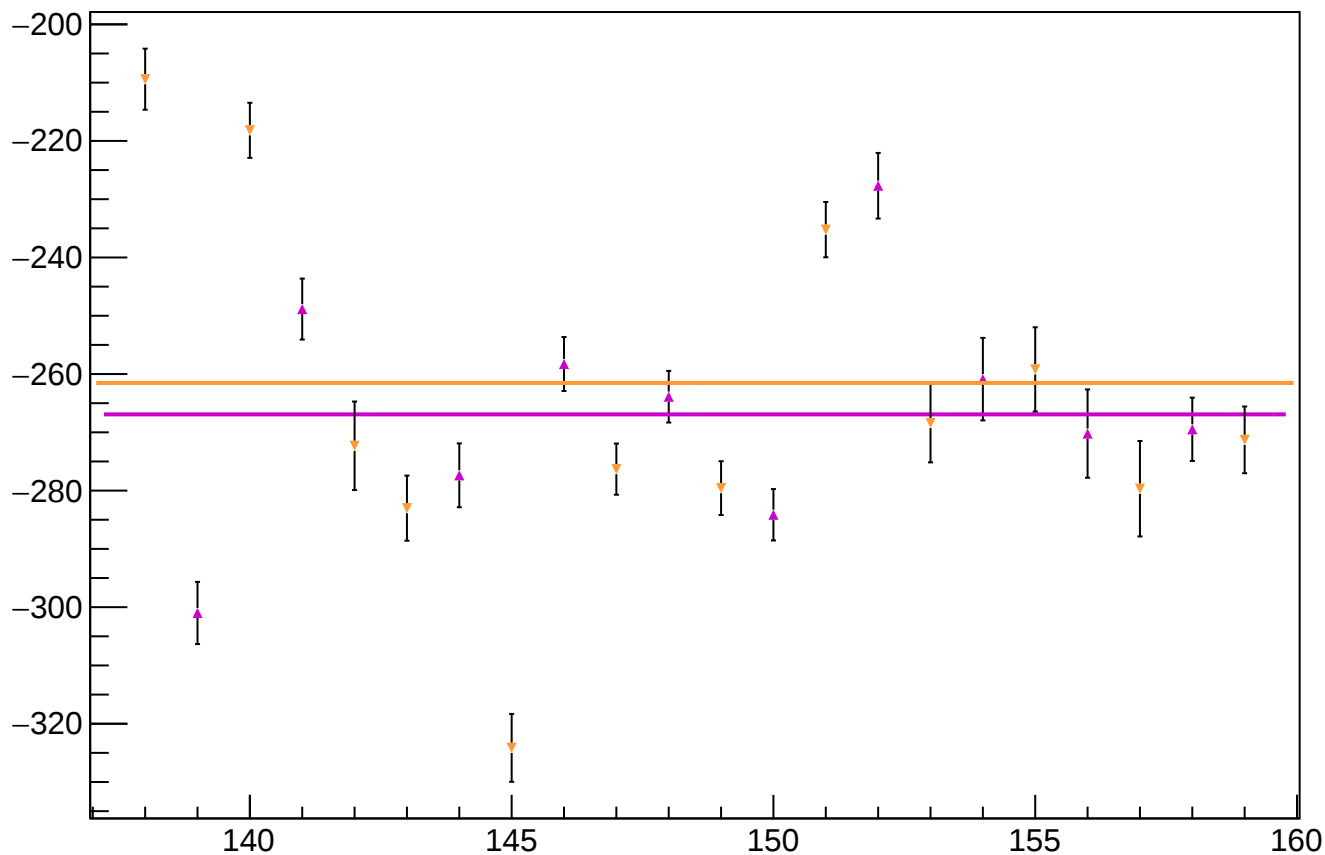
Right: 92.986 +/- 0.047 χ^2/NDF : 723450.6/34

In: 123.882 +/- 0.047 χ^2/NDF : 441451.3/26

Out: 107.606 +/- 0.044 χ^2/NDF : 1055498.2/29

All: 115.203 +/- 0.032 χ^2/NDF : 1560297.0/56

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: -261.529 ± 1.602 χ^2/NDF : 381.9/11

Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -266.921 ± 1.674 χ^2/NDF : 125.3/9

Left: -264.105 ± 1.157 χ^2/NDF : 512.6/21

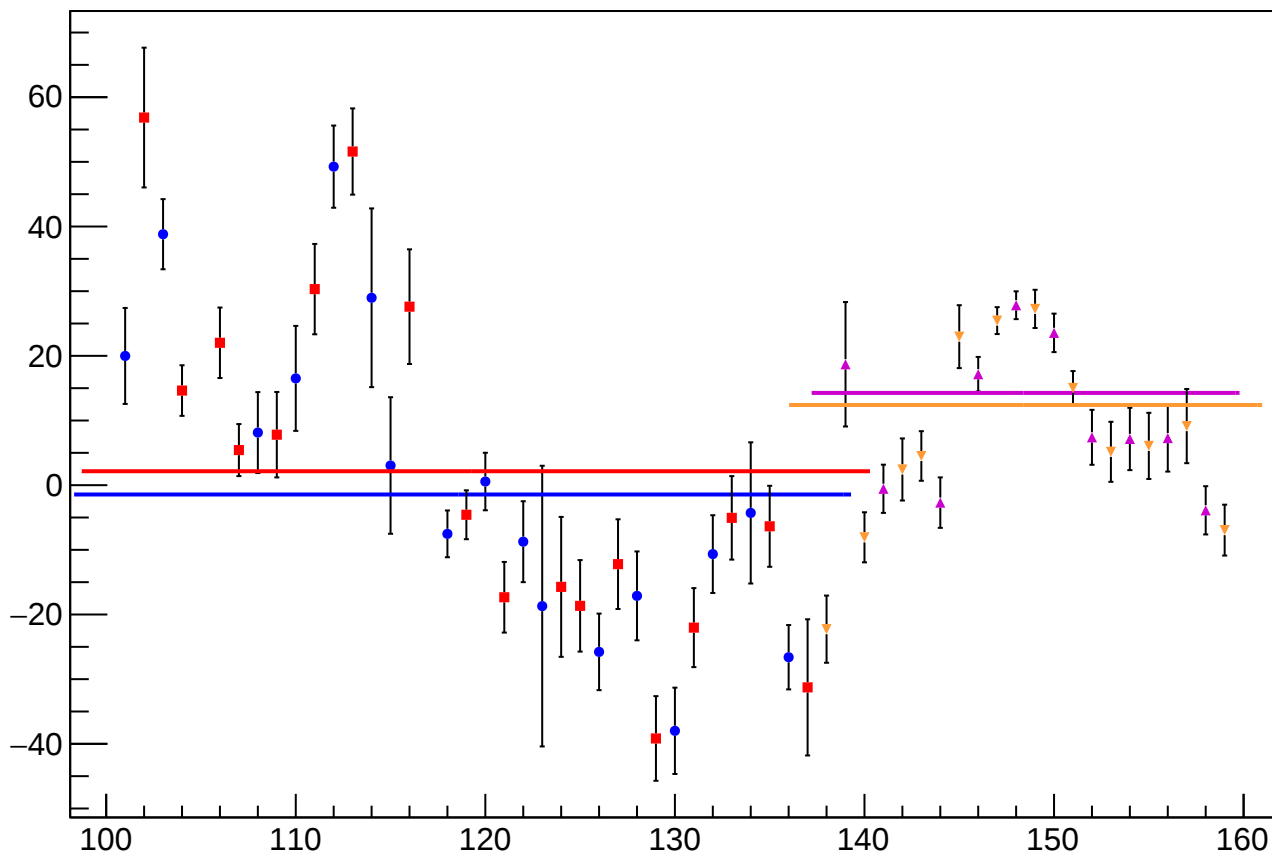
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -266.921 ± 1.674 χ^2/NDF : 125.3/9

Out: -261.529 ± 1.602 χ^2/NDF : 381.9/11

All: -264.105 ± 1.157 χ^2/NDF : 512.6/21

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.440 ± 1.516 χ^2/NDF : 224.4/16

Left Out: 12.398 ± 1.038 χ^2/NDF : 179.8/11

Right Out: 2.157 ± 1.401 χ^2/NDF : 230.2/17

Left In: 14.270 ± 1.101 χ^2/NDF : 115.9/9

Left: 13.279 ± 0.755 χ^2/NDF : 297.3/21

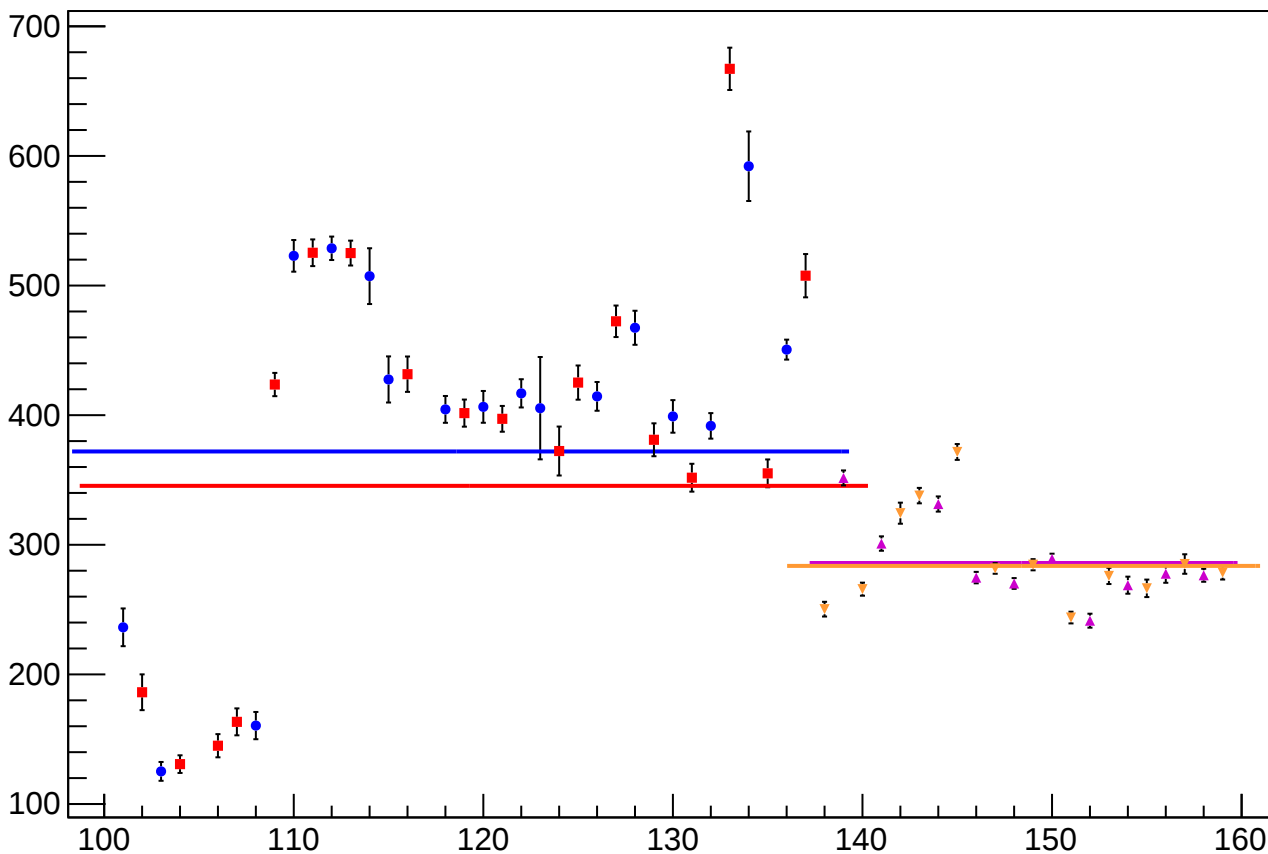
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 8.845 ± 0.891 χ^2/NDF : 410.7/26

Out: 8.771 ± 0.834 χ^2/NDF : 444.5/29

All: 8.805 ± 0.609 χ^2/NDF : 855.1/56

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 ± 2.765 $\chi^2/\text{NDF}: 2431.2/16$

Left Out: 283.709 ± 1.575 $\chi^2/\text{NDF}: 449.4/11$

Right Out: 345.473 ± 2.564 $\chi^2/\text{NDF}: 3401.6/17$

Left In: 285.942 ± 1.629 $\chi^2/\text{NDF}: 298.1/9$

Left: 284.787 ± 1.132 $\chi^2/\text{NDF}: 748.5/21$

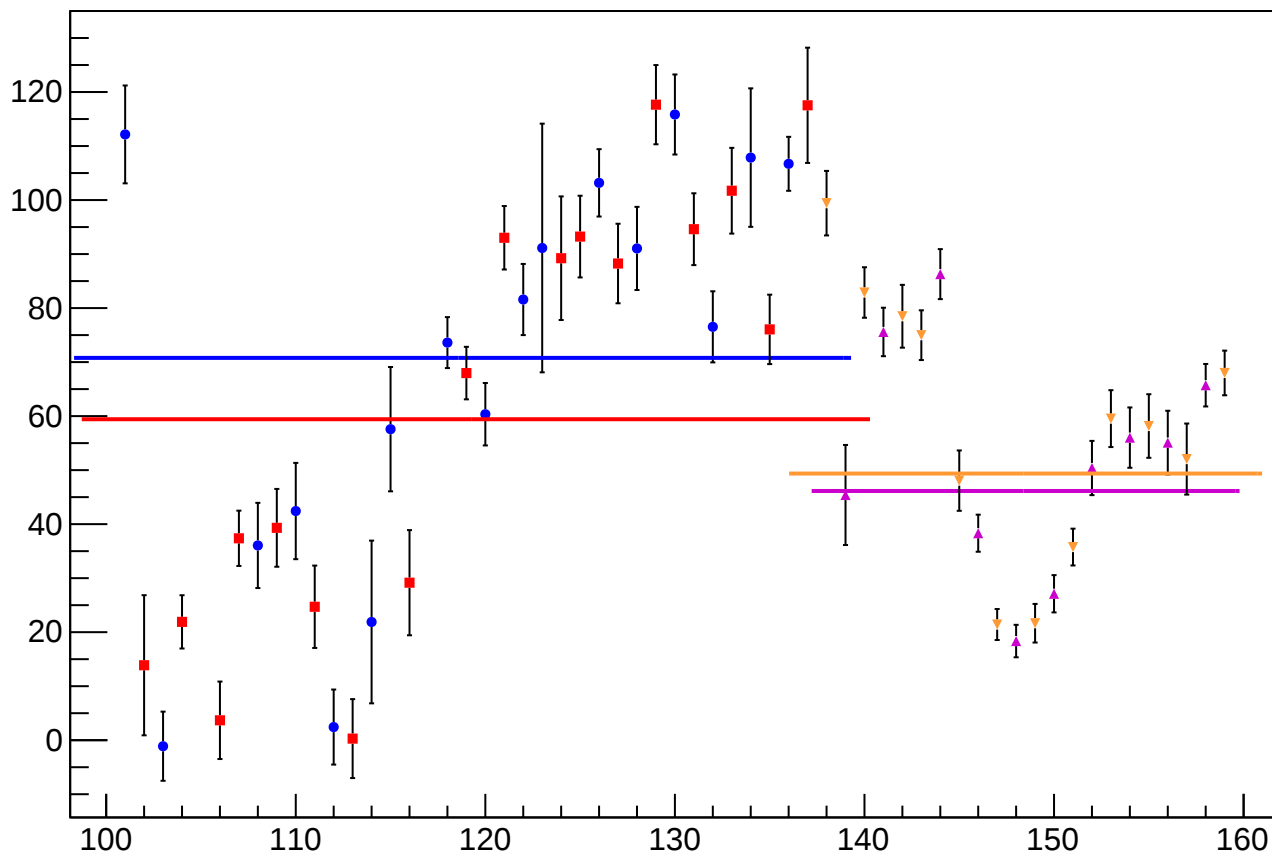
Right: 357.739 ± 1.880 $\chi^2/\text{NDF}: 5882.3/34$

In: 308.118 ± 1.403 $\chi^2/\text{NDF}: 3448.4/26$

Out: 300.621 ± 1.342 $\chi^2/\text{NDF}: 4272.3/29$

All: 304.201 ± 0.970 $\chi^2/\text{NDF}: 7735.7/56$

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: 49.368 $\pm$ 1.275 χ^2/NDF :375.1/11

Right Out: 59.421 $\pm$ 1.632 χ^2/NDF : 486.6/17

Left In: 46.138 $\pm$ 1.345 χ^2/NDF :270.2/9

Left: 47.840 $\pm$ 0.925 χ^2/NDF : 648.3/21

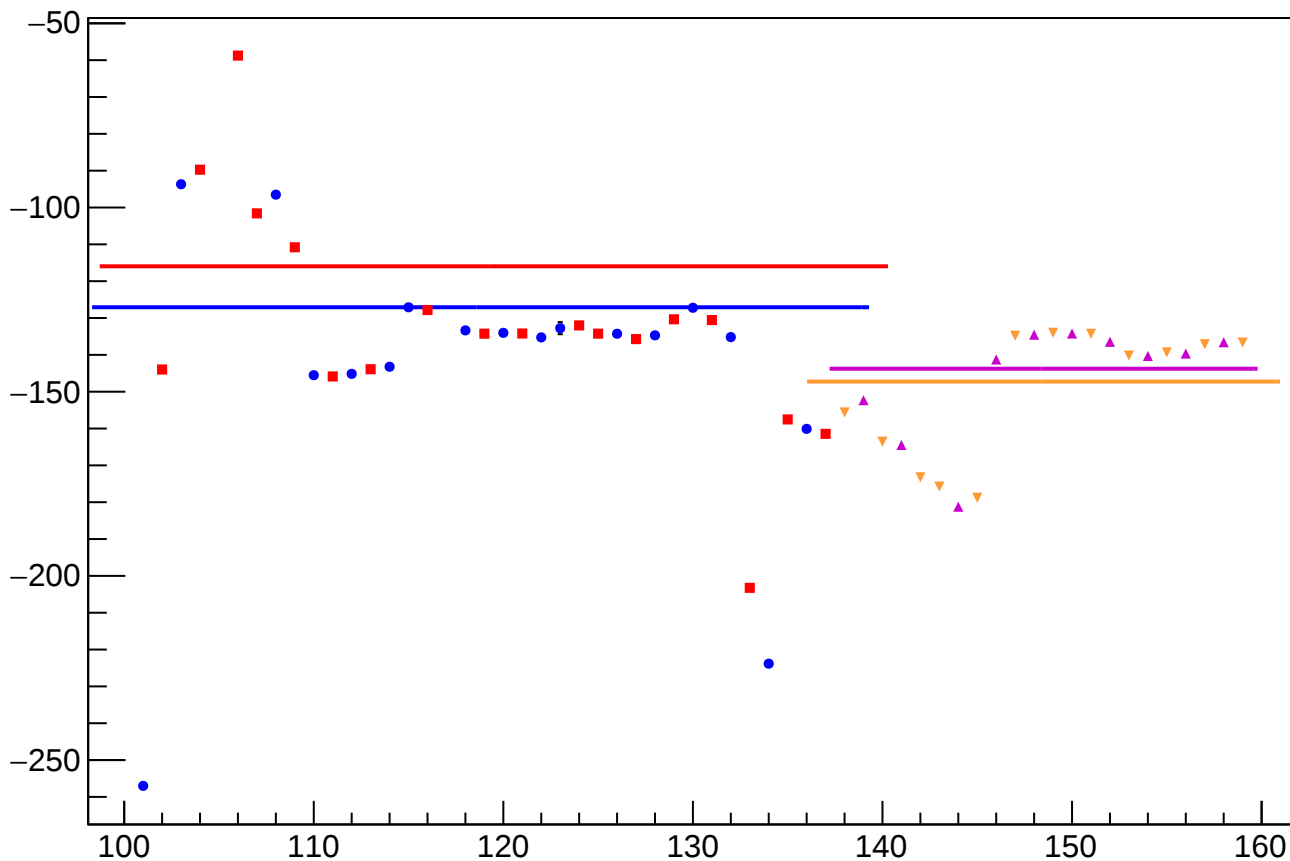
Right: 64.716 $\pm$ 1.193 χ^2/NDF : 933.1/34

In: 55.314 $\pm$ 1.066 χ^2/NDF :819.0/26

Out: 53.178 $\pm$ 1.005 χ^2/NDF :885.3/29

All: 54.183 $\pm$ 0.731 χ^2/NDF : 1706.4/56

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076 ± 0.090 $\chi^2/\text{NDF}: 167028.9/16$

Left Out: -147.246 ± 0.064 $\chi^2/\text{NDF}: 64709.4/11$

Right Out: -115.959 ± 0.083 $\chi^2/\text{NDF}: 158983.0/17$

Left In: -143.764 ± 0.065 $\chi^2/\text{NDF}: 40662.8/9$

Left: -145.541 ± 0.045 $\chi^2/\text{NDF}: 106836.9/21$

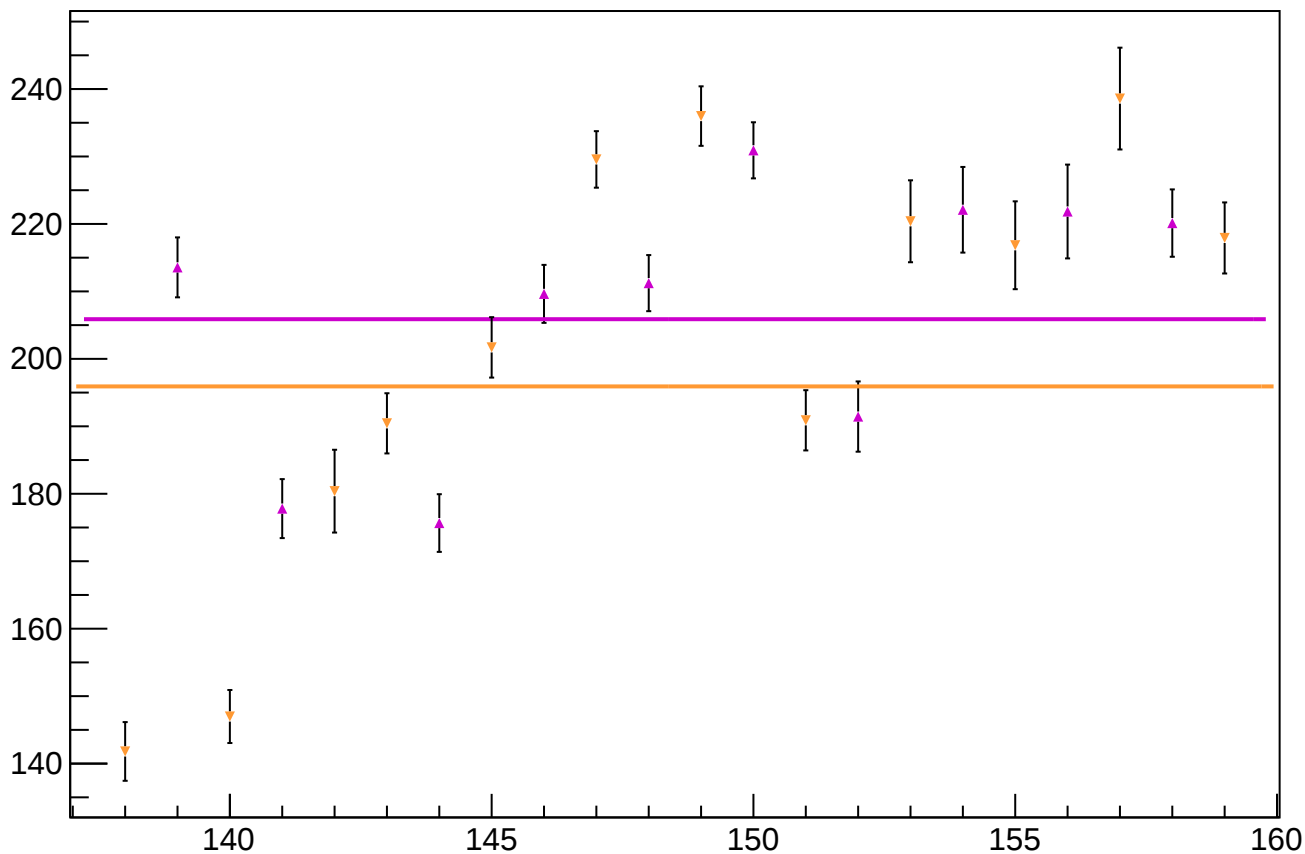
Right: -121.099 ± 0.061 $\chi^2/\text{NDF}: 334303.0/34$

In: -138.004 ± 0.053 $\chi^2/\text{NDF}: 230443.9/26$

Out: -135.655 ± 0.051 $\chi^2/\text{NDF}: 313108.9/29$

All: -136.782 ± 0.036 $\chi^2/\text{NDF}: 544589.8/56$

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: 195.915+/-1.404 χ^2/NDF :543.5/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 205.880+/-1.491 χ^2/NDF :160.5/9

Left: 200.600+/-1.022 χ^2/NDF : 727.6/21

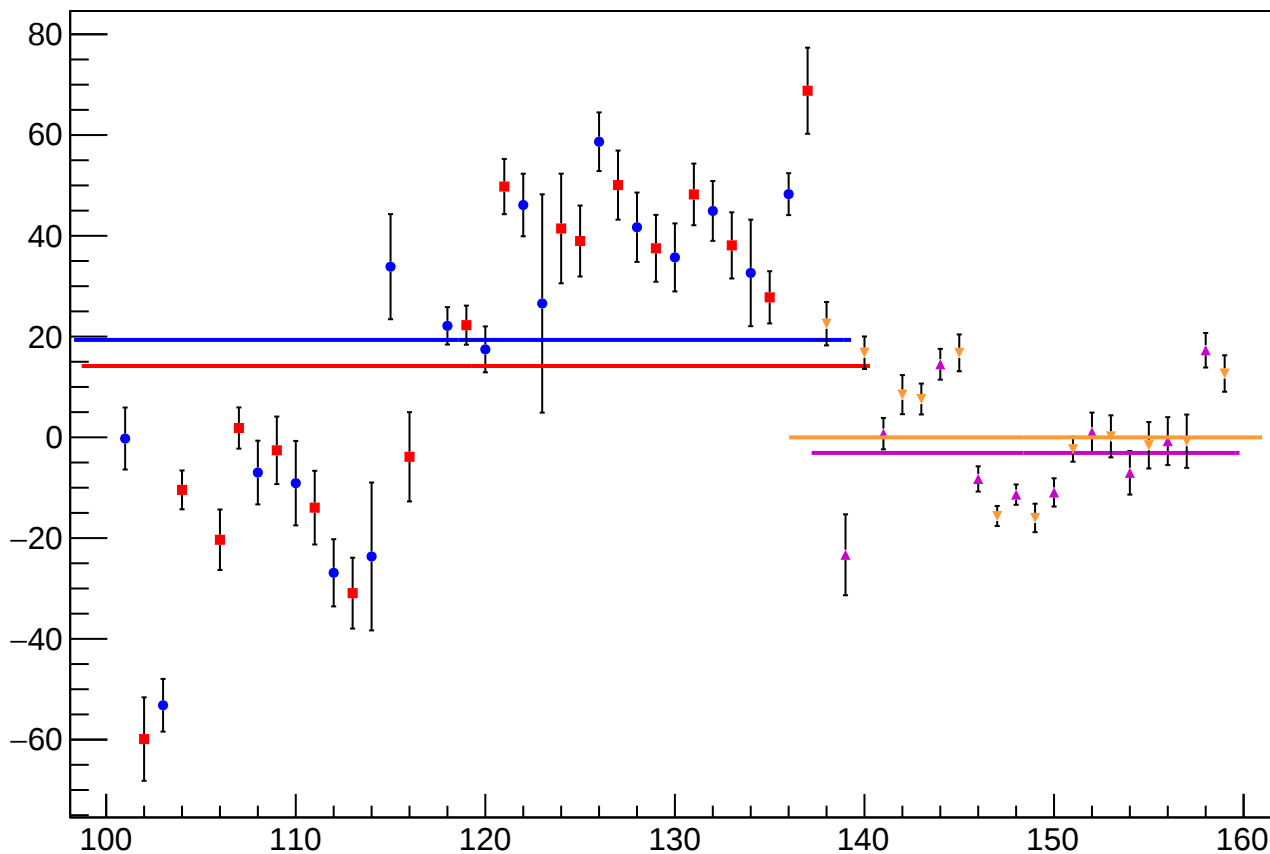
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.880+/-1.491 χ^2/NDF :160.5/9

Out: 195.915+/-1.404 χ^2/NDF :543.5/11

All: 200.600+/-1.022 χ^2/NDF : 727.6/21

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.337 ± 1.482 $\chi^2/\text{NDF}: 439.8/16$

Left Out: -0.010 ± 0.930 $\chi^2/\text{NDF}: 193.9/11$

Right Out: 14.162 ± 1.391 $\chi^2/\text{NDF}: 426.0/17$

Left In: -3.093 ± 0.997 $\chi^2/\text{NDF}: 107.4/9$

Left: -1.444 ± 0.680 $\chi^2/\text{NDF}: 306.4/21$

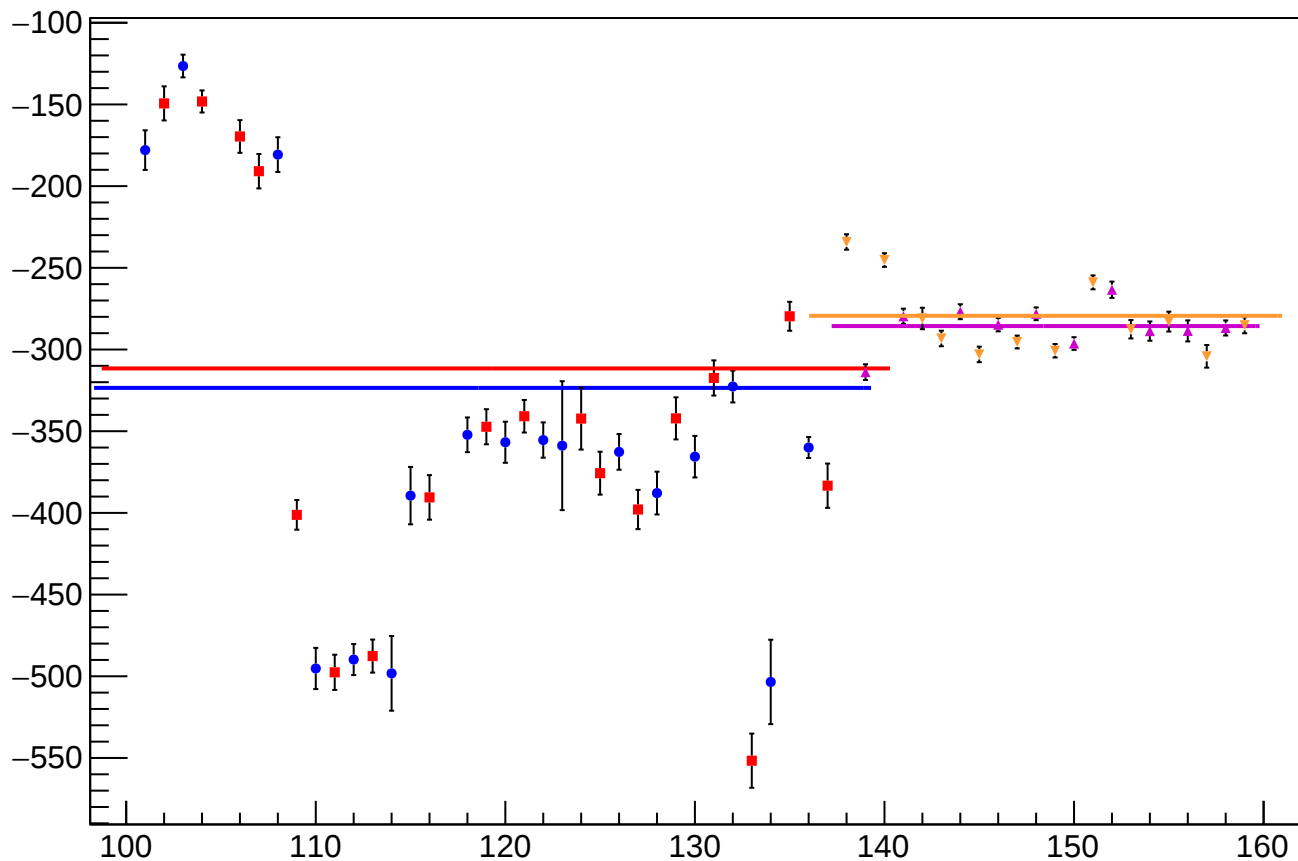
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.895 ± 0.827 $\chi^2/\text{NDF}: 704.8/26$

Out: 4.365 ± 0.773 $\chi^2/\text{NDF}: 691.7/29$

All: 4.146 ± 0.565 $\chi^2/\text{NDF}: 1396.7/56$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 χ^2/NDF : 1847.6/16

Left Out: -279.381 ± 1.394 χ^2/NDF : 275.1/11

Right Out: -311.573 ± 2.527 χ^2/NDF : 2243.8/17

Left In: -285.653 ± 1.461 χ^2/NDF : 71.5/9

Left: -282.371 ± 1.009 χ^2/NDF : 356.2/21

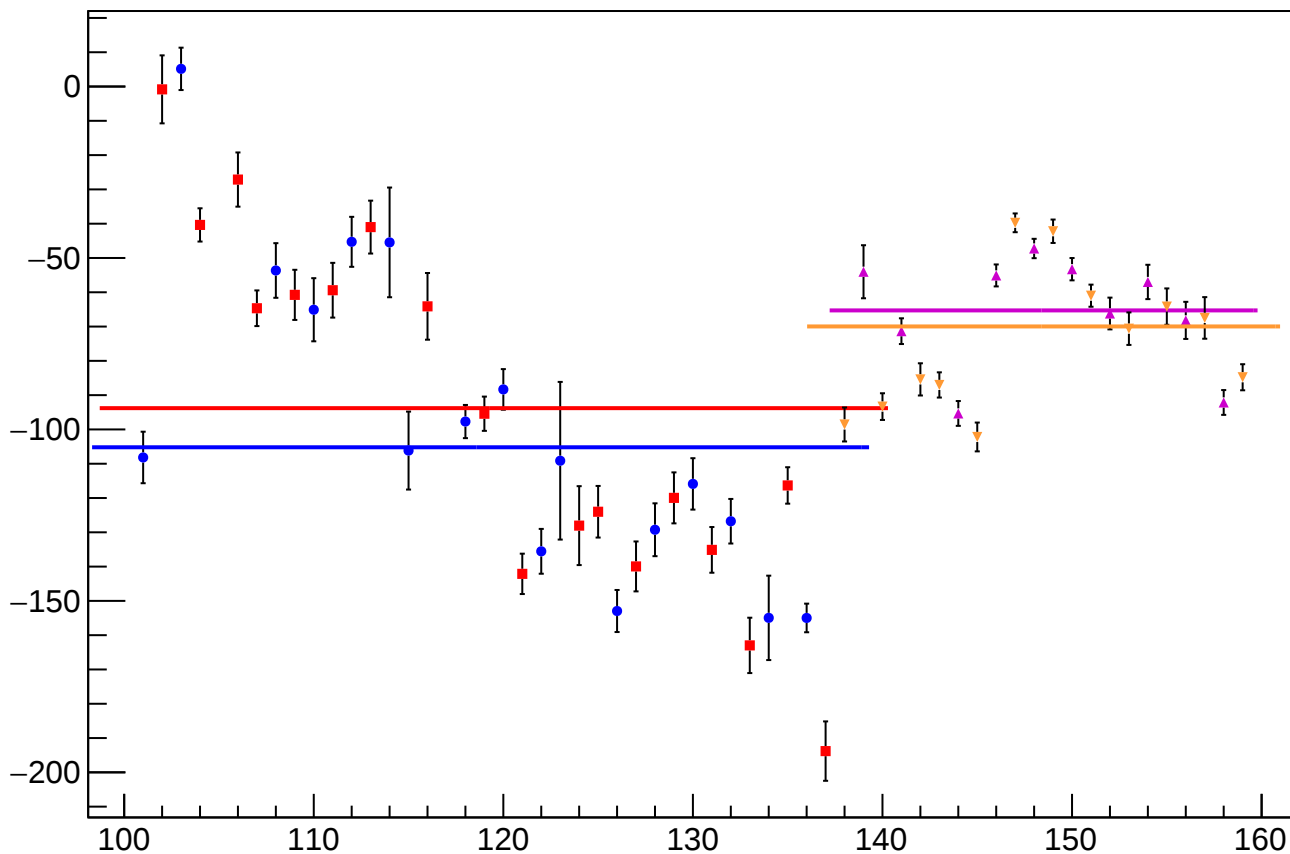
Right: -317.199 ± 1.836 χ^2/NDF : 4101.9/34

In: -294.357 ± 1.282 χ^2/NDF : 2073.4/26

Out: -286.895 ± 1.221 χ^2/NDF : 2643.3/29

All: -290.444 ± 0.884 χ^2/NDF : 4734.5/56

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: -69.966 ± 1.136 χ^2/NDF : 372.8/11

Right Out: -93.793 ± 1.611 χ^2/NDF : 815.4/17

Left In: -65.289 ± 1.214 χ^2/NDF : 196.5/9

Left: -67.782 ± 0.830 χ^2/NDF : 577.2/21

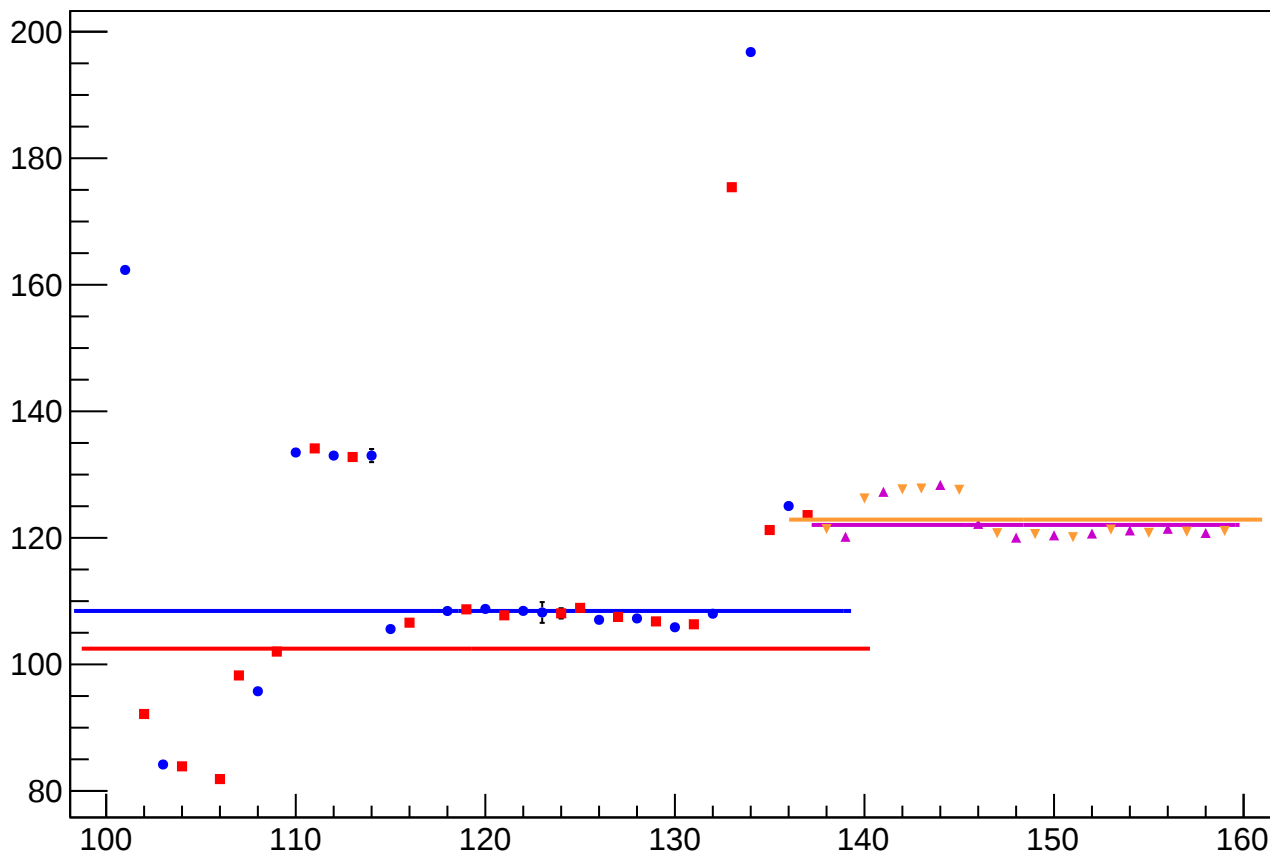
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -78.803 ± 0.987 χ^2/NDF : 1298.2/26

Out: -77.880 ± 0.929 χ^2/NDF : 1334.3/29

All: -78.313 ± 0.676 χ^2/NDF : 2632.9/56

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: 122.884 $\pm$ 0.056 χ^2 /NDF: 2873.9/11

Right Out: 102.490 $\pm$ 0.080 χ^2 /NDF: 52909.2/17

Left In: 122.045 $\pm$ 0.058 χ^2 /NDF: 2273.5/9

Left: 122.479 $\pm$ 0.040 χ^2 /NDF: 5255.0/21

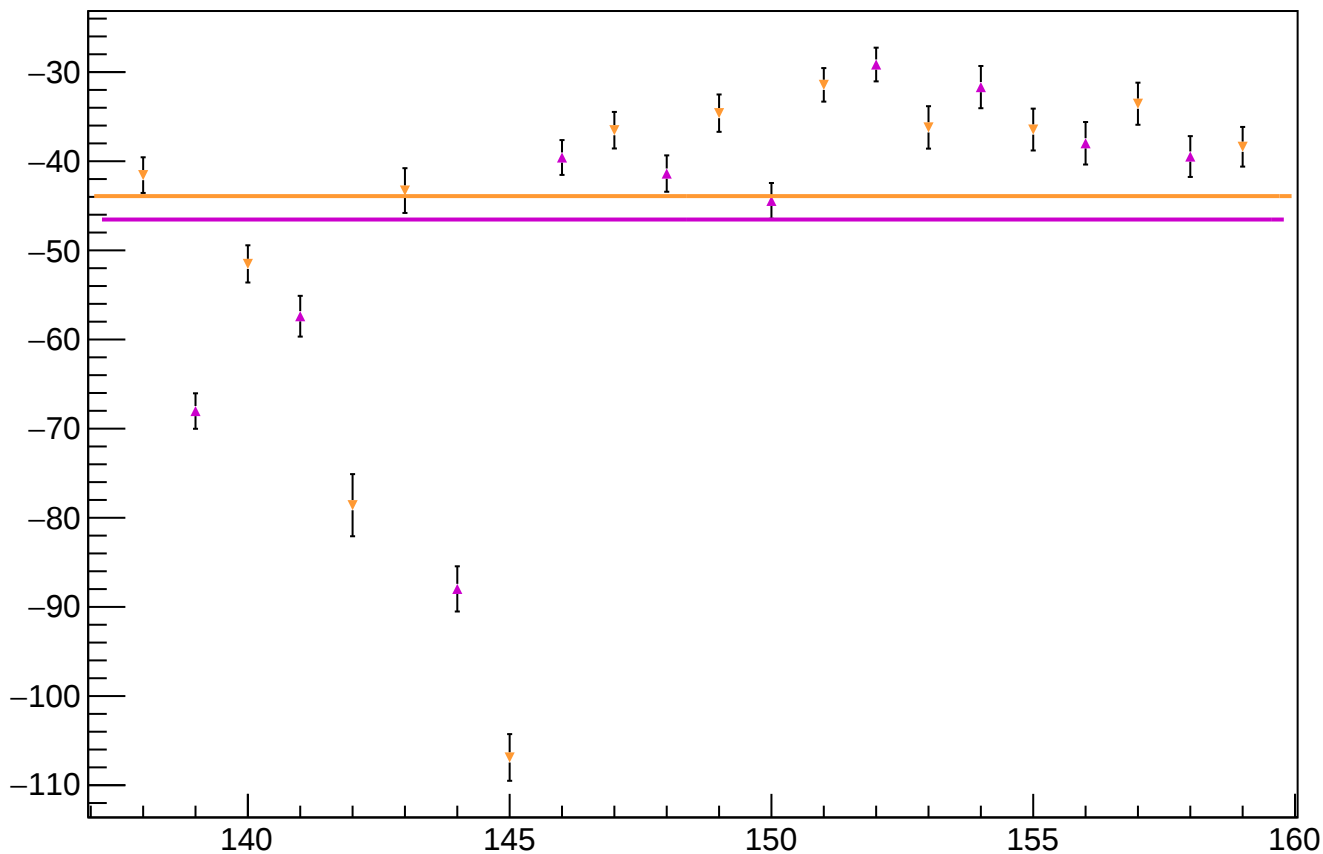
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.690 $\pm$ 0.048 χ^2 /NDF: 93016.8/26

Out: 116.097 $\pm$ 0.046 χ^2 /NDF: 99578.2/29

All: 116.859 $\pm$ 0.033 χ^2 /NDF: 193170.6/56

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



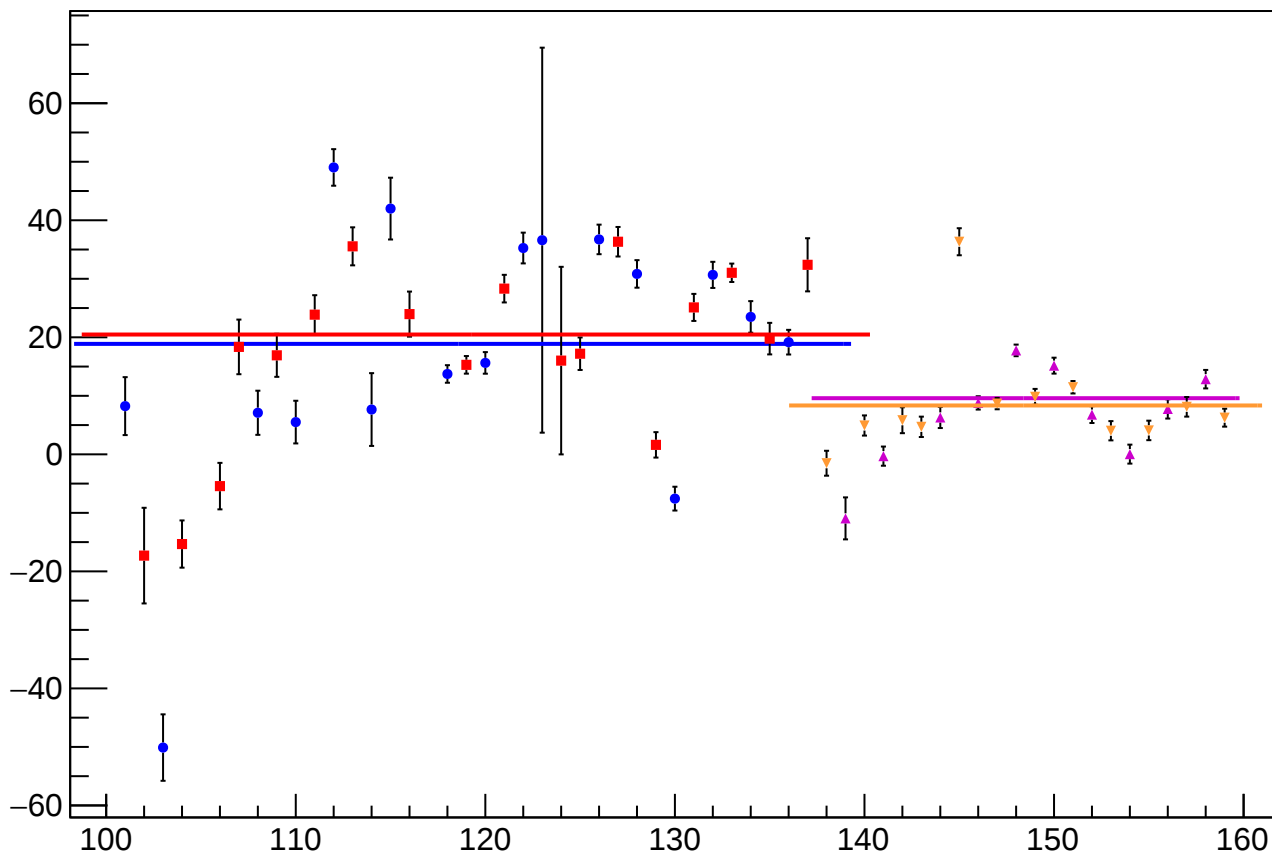
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -43.913+/-0.652 χ^2/NDF :814.6/11
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -46.540+/-0.678 χ^2/NDF :572.6/9

Left: -45.175+/-0.470 χ^2/NDF : 1395.0/21
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.540+/-0.678 χ^2/NDF :572.6/9
 Out: -43.913+/-0.652 χ^2/NDF :814.6/11

All: -45.175+/-0.470 χ^2/NDF : 1395.0/21

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: 8.351 $\pm$ 0.435 χ^2 /NDF: 203.0/11

Right Out: 20.474 $\pm$ 0.644 χ^2 /NDF: 362.4/17

Left In: 9.595 $\pm$ 0.460 χ^2 /NDF: 201.7/9

Left: 8.938 $\pm$ 0.316 χ^2 /NDF: 408.5/21

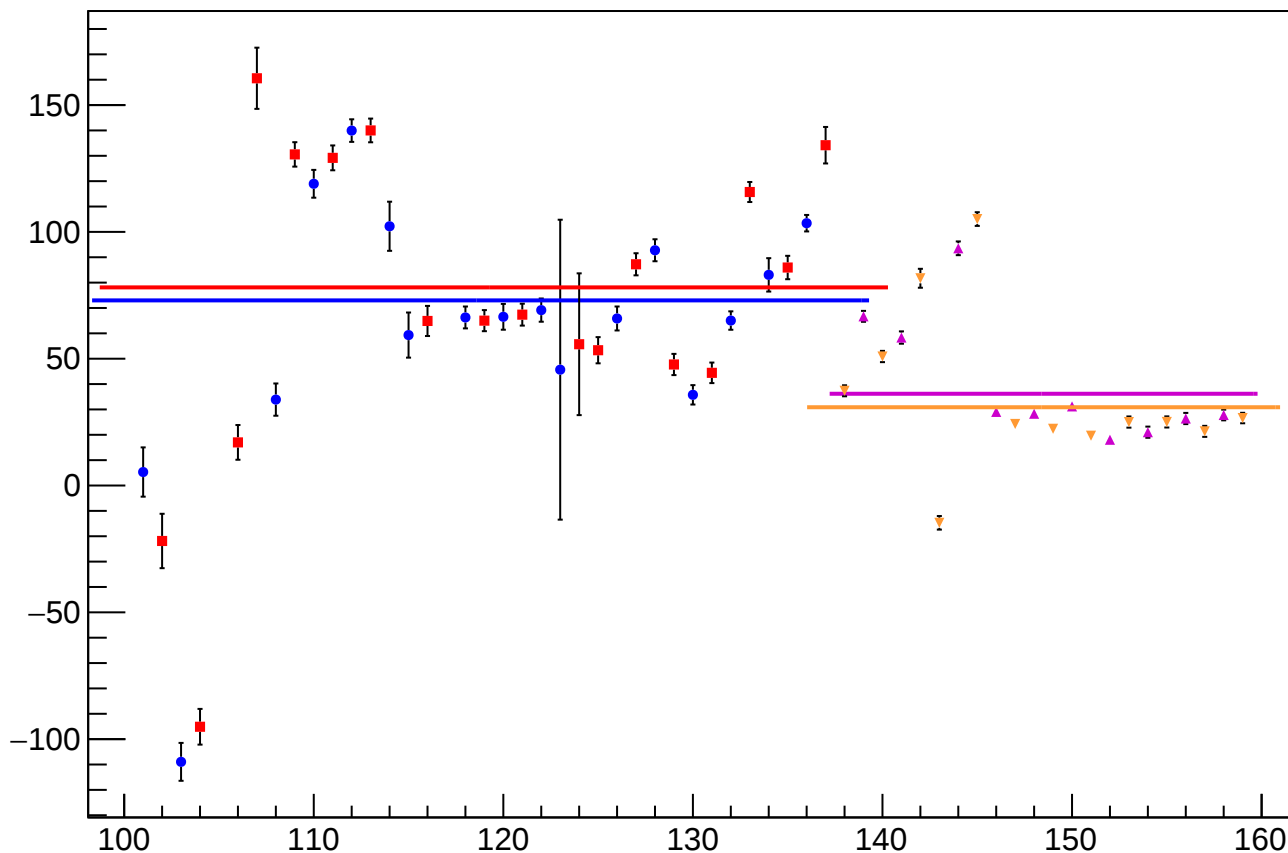
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 12.730 $\pm$ 0.375 χ^2 /NDF: 959.5/26

Out: 12.156 $\pm$ 0.361 χ^2 /NDF: 808.9/29

All: 12.432 $\pm$ 0.260 χ^2 /NDF: 1769.6/56

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.992 ± 1.230 χ^2/NDF : 1205.5/16

Left Out: 30.864 ± 0.637 χ^2/NDF : 1424.8/11

Right Out: 78.119 ± 1.224 χ^2/NDF : 1546.8/17

Left In: 36.177 ± 0.659 χ^2/NDF : 952.6/9

Left: 33.432 ± 0.458 χ^2/NDF : 2411.1/21

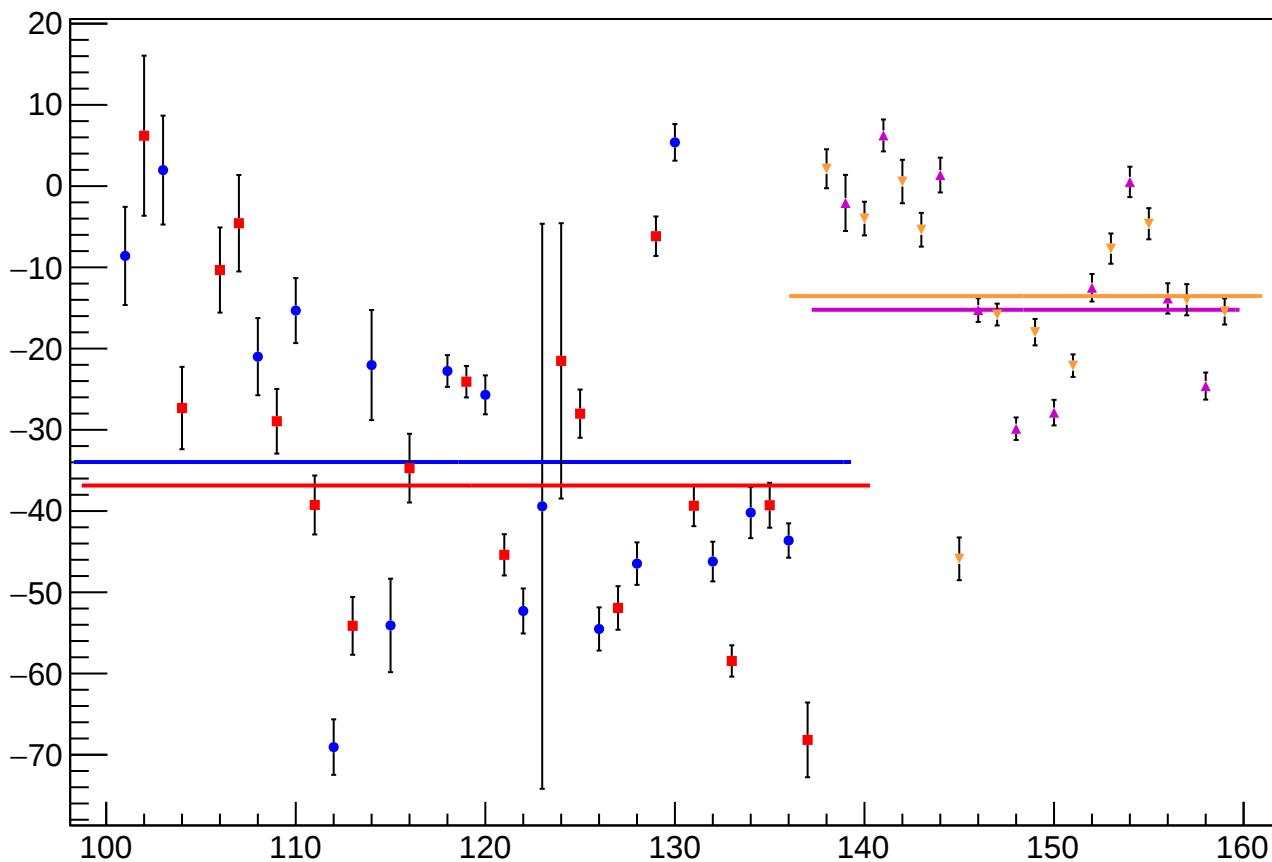
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 44.387 ± 0.581 χ^2/NDF : 2854.2/26

Out: 40.941 ± 0.565 χ^2/NDF : 4144.5/29

All: 42.617 ± 0.405 χ^2/NDF : 7016.7/56

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964±/0.738 χ^2/NDF : 721.9/16

Left Out: -13.537±/0.528 χ^2/NDF :339.6/11

Right Out: -36.856±/0.737 χ^2/NDF : 535.3/17

Left In: -15.222±/0.556 χ^2/NDF :475.2/9

Left: -14.335±/0.383 χ^2/NDF : 819.6/21

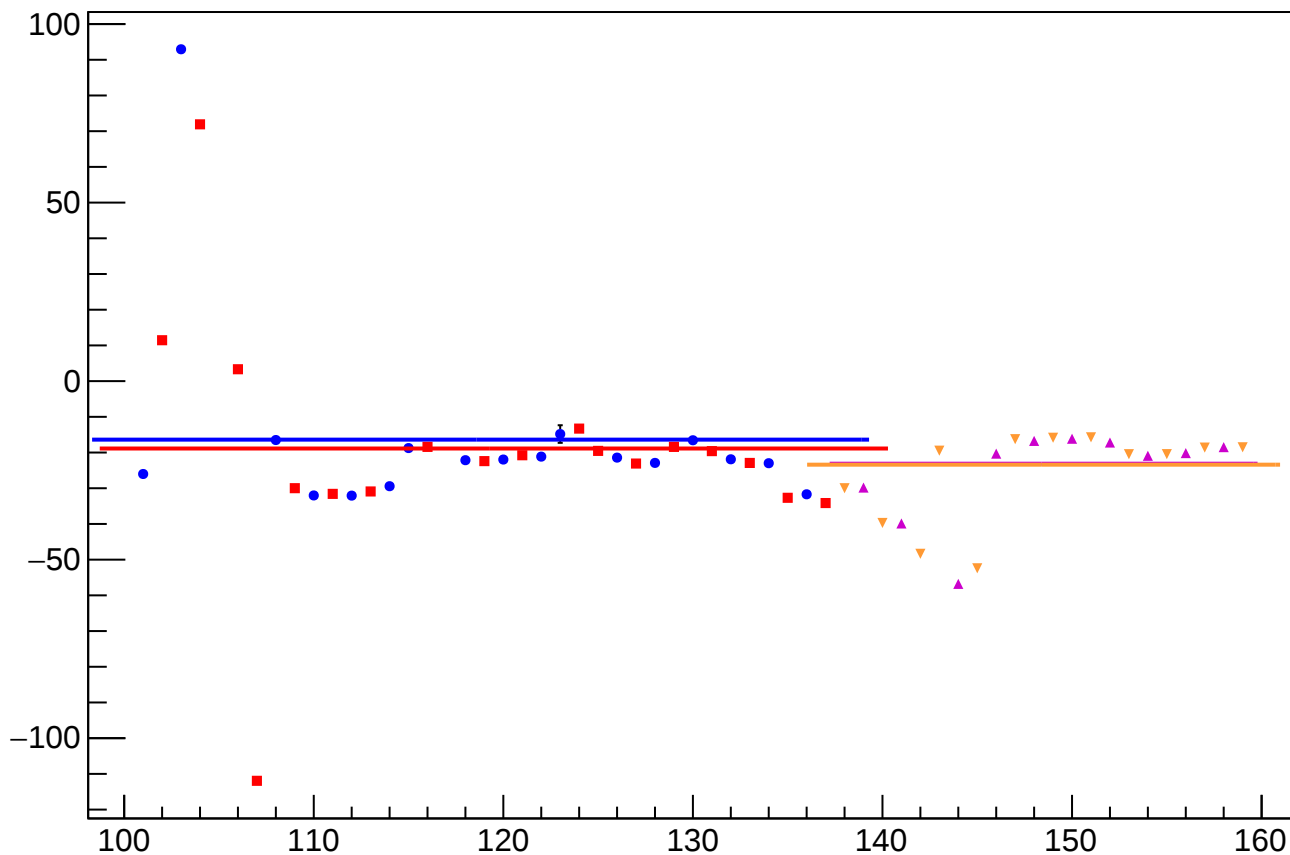
Right: -35.411±/0.521 χ^2/NDF : 1264.9/34

In: -22.016±/0.444 χ^2/NDF :1608.7/26

Out: -21.438±/0.429 χ^2/NDF :1536.9/29

All: -21.717±/0.309 χ^2/NDF : 3146.5/56

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: -23.401 ± 0.025 $\chi^2/\text{NDF}: 172458.6/11$

Right Out: -18.873 ± 0.045 $\chi^2/\text{NDF}: 433372.4/17$

Left In: -23.127 ± 0.026 $\chi^2/\text{NDF}: 144654.7/9$

Left: -23.268 ± 0.018 $\chi^2/\text{NDF}: 317171.4/21$

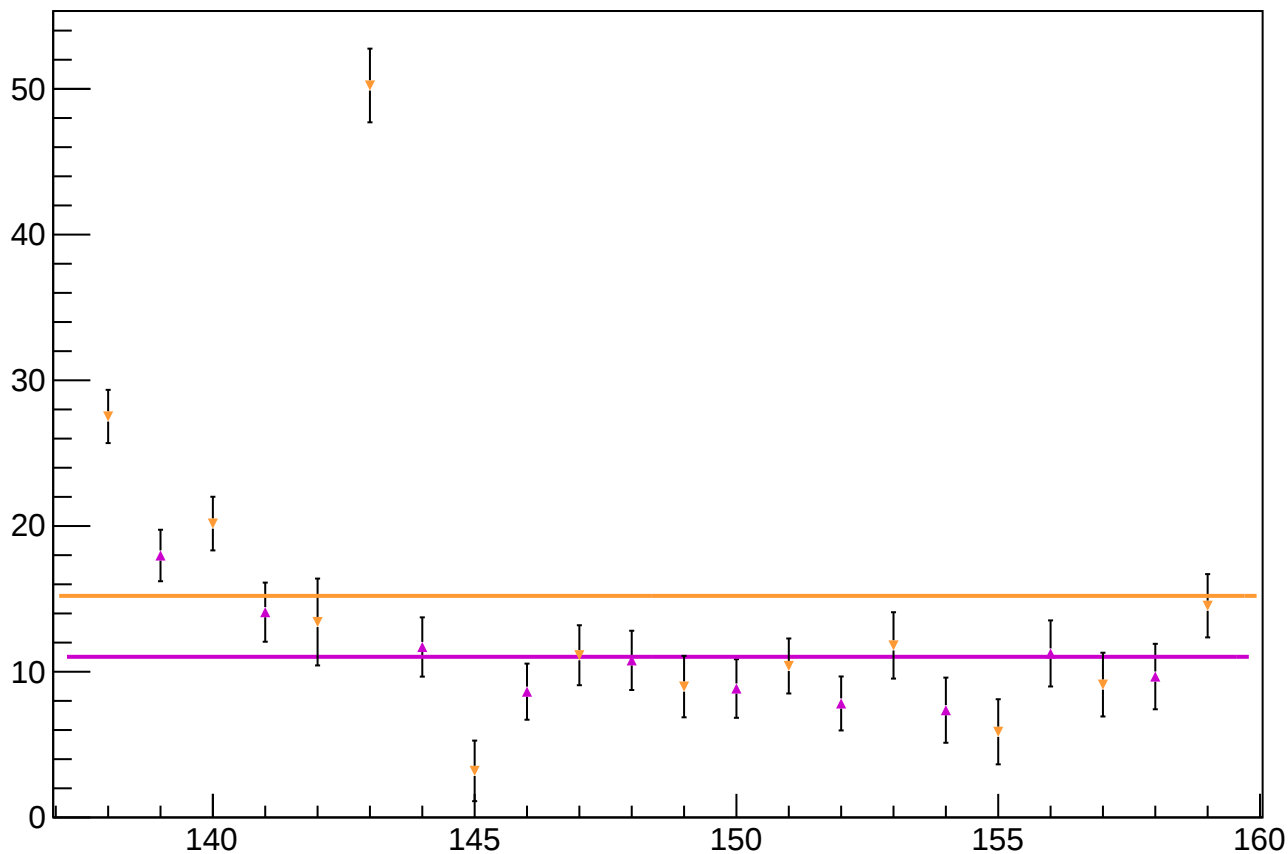
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.433 ± 0.022 $\chi^2/\text{NDF}: 636159.7/26$

Out: -22.342 ± 0.022 $\chi^2/\text{NDF}: 613488.2/29$

All: -21.896 ± 0.016 $\chi^2/\text{NDF}: 1250493.6/56$

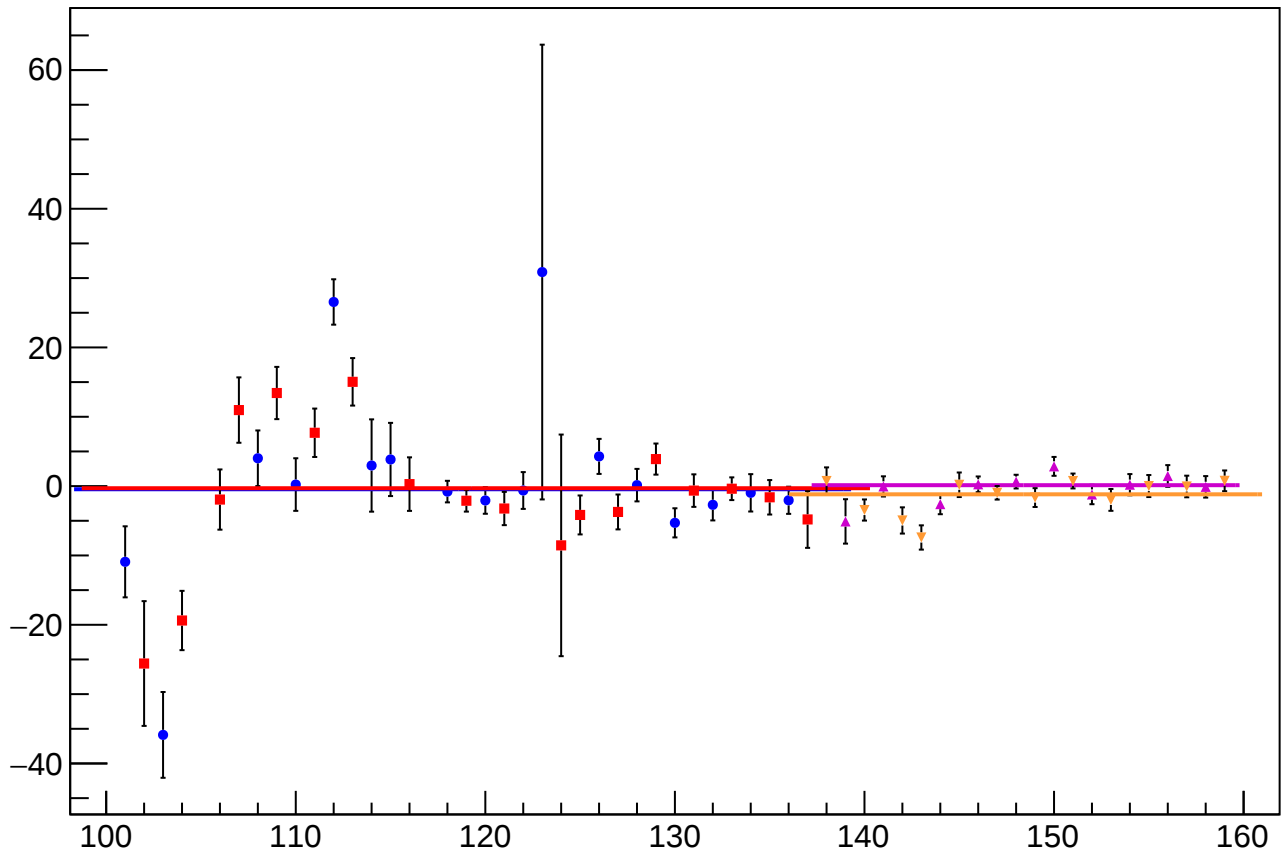
reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 15.206 $\pm$ 0.614 χ^2/NDF :325.1/11
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 11.025 $\pm$ 0.639 χ^2/NDF :26.7/9

Left: 13.199 $\pm$ 0.443 χ^2/NDF : 374.0/21
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 11.025 $\pm$ 0.639 χ^2/NDF :26.7/9
 Out: 15.206 $\pm$ 0.614 χ^2/NDF :325.1/11
 All: 13.199 $\pm$ 0.443 χ^2/NDF : 374.0/21

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: -1.182 ± 0.418 χ^2/NDF : 26.8/11

Right Out: -0.305 ± 0.657 χ^2/NDF : 84.1/17

Left In: 0.133 ± 0.441 χ^2/NDF : 12.1/9

Left: -0.560 ± 0.303 χ^2/NDF : 43.6/21

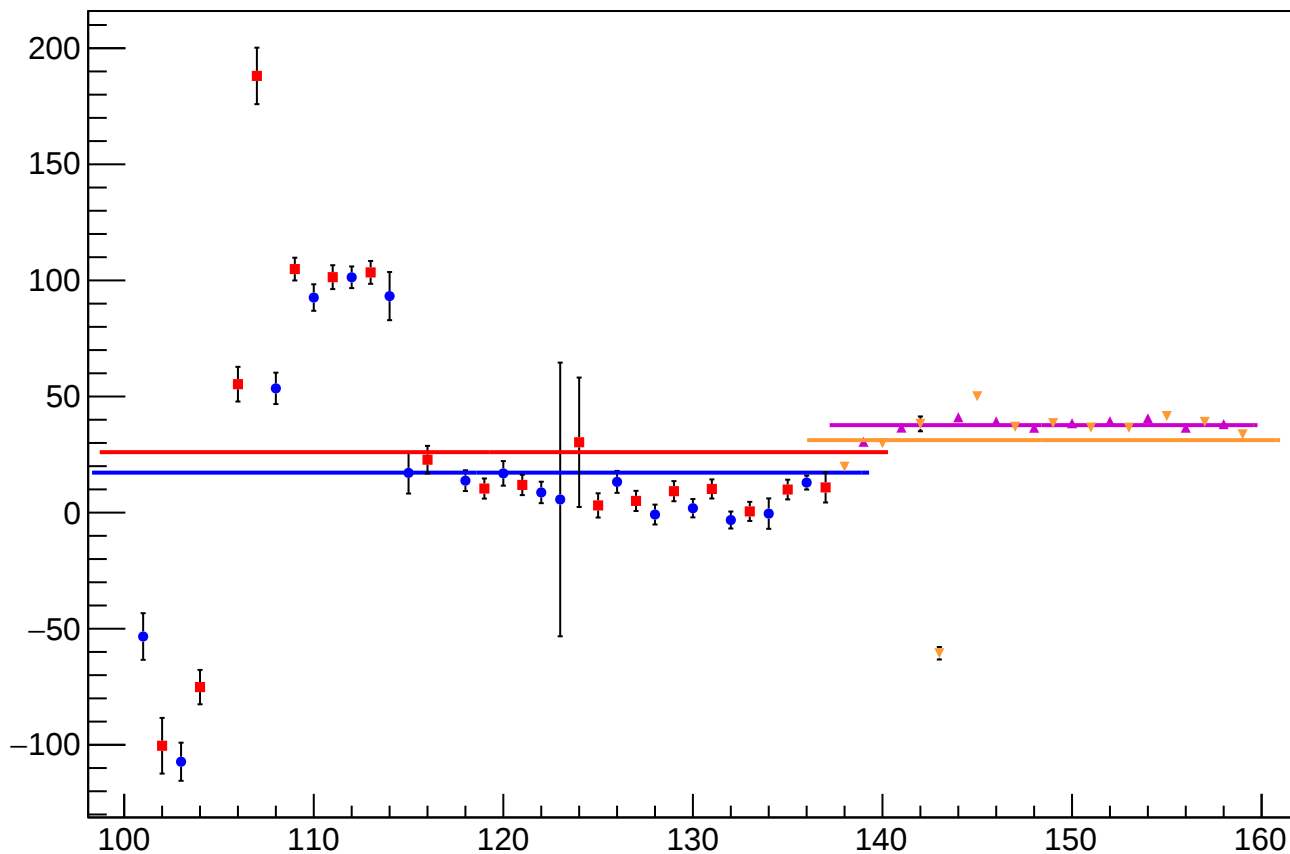
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.049 ± 0.366 χ^2/NDF : 132.2/26

Out: -0.930 ± 0.353 χ^2/NDF : 112.2/29

All: -0.506 ± 0.254 χ^2/NDF : 247.4/56

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: 31.220+/-0.604 χ^2/NDF :1352.0/11

Right Out: 26.032+/-1.244 χ^2/NDF : 1366.0/17

Left In: 37.674+/-0.625 χ^2/NDF :21.2/9

Left: 34.337+/-0.434 χ^2/NDF : 1428.4/21

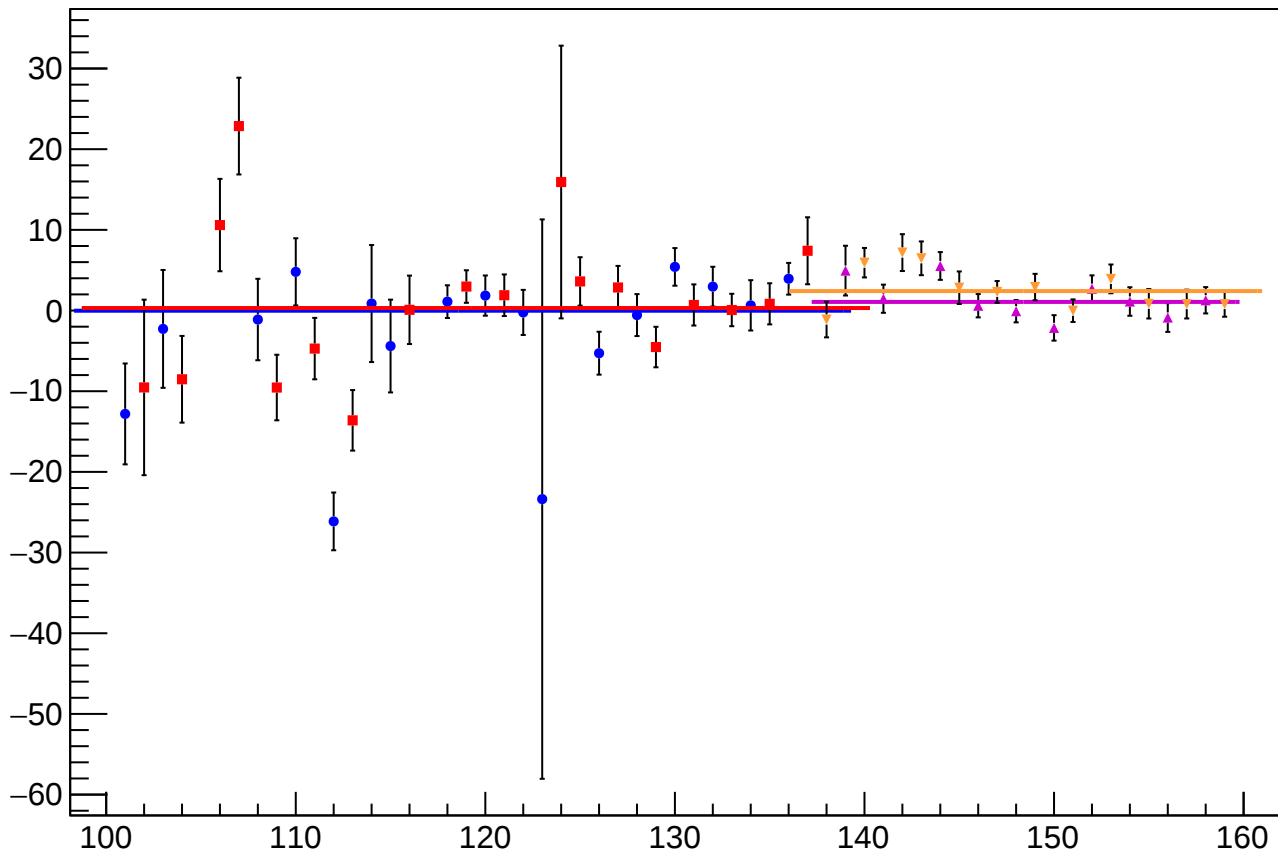
Right: 21.614+/-0.879 χ^2/NDF : 2331.3/34

In: 33.536+/-0.558 χ^2/NDF :1178.1/26

Out: 30.231+/-0.543 χ^2/NDF :2732.1/29

All: 31.839+/-0.389 χ^2/NDF : 3928.2/56

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: 2.414 ± 0.504 χ^2/NDF : 20.9/11

Right Out: 0.311 ± 0.749 χ^2/NDF : 54.1/17

Left In: 1.068 ± 0.531 χ^2/NDF : 15.5/9

Left: 1.776 ± 0.365 χ^2/NDF : 39.7/21

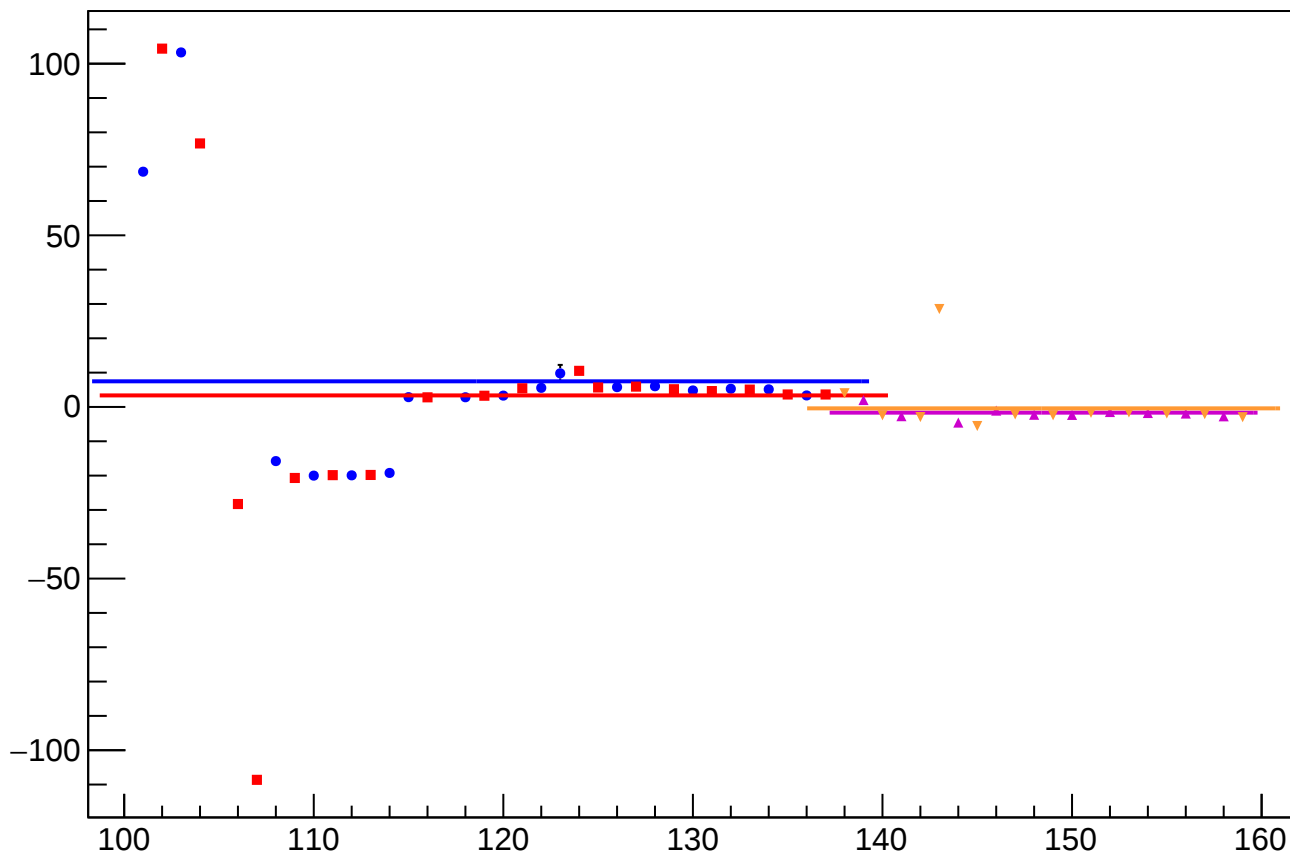
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.701 ± 0.432 χ^2/NDF : 92.7/26

Out: 1.760 ± 0.418 χ^2/NDF : 80.4/29

All: 1.248 ± 0.301 χ^2/NDF : 176.2/56

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 ± 0.044 $\chi^2/\text{NDF}: 355890.1/16$

Left Out: -0.408 ± 0.024 $\chi^2/\text{NDF}: 83083.4/11$

Right Out: 3.362 ± 0.046 $\chi^2/\text{NDF}: 504811.4/17$

Left In: -1.660 ± 0.024 $\chi^2/\text{NDF}: 4417.8/9$

Left: -1.014 ± 0.017 $\chi^2/\text{NDF}: 88861.0/21$

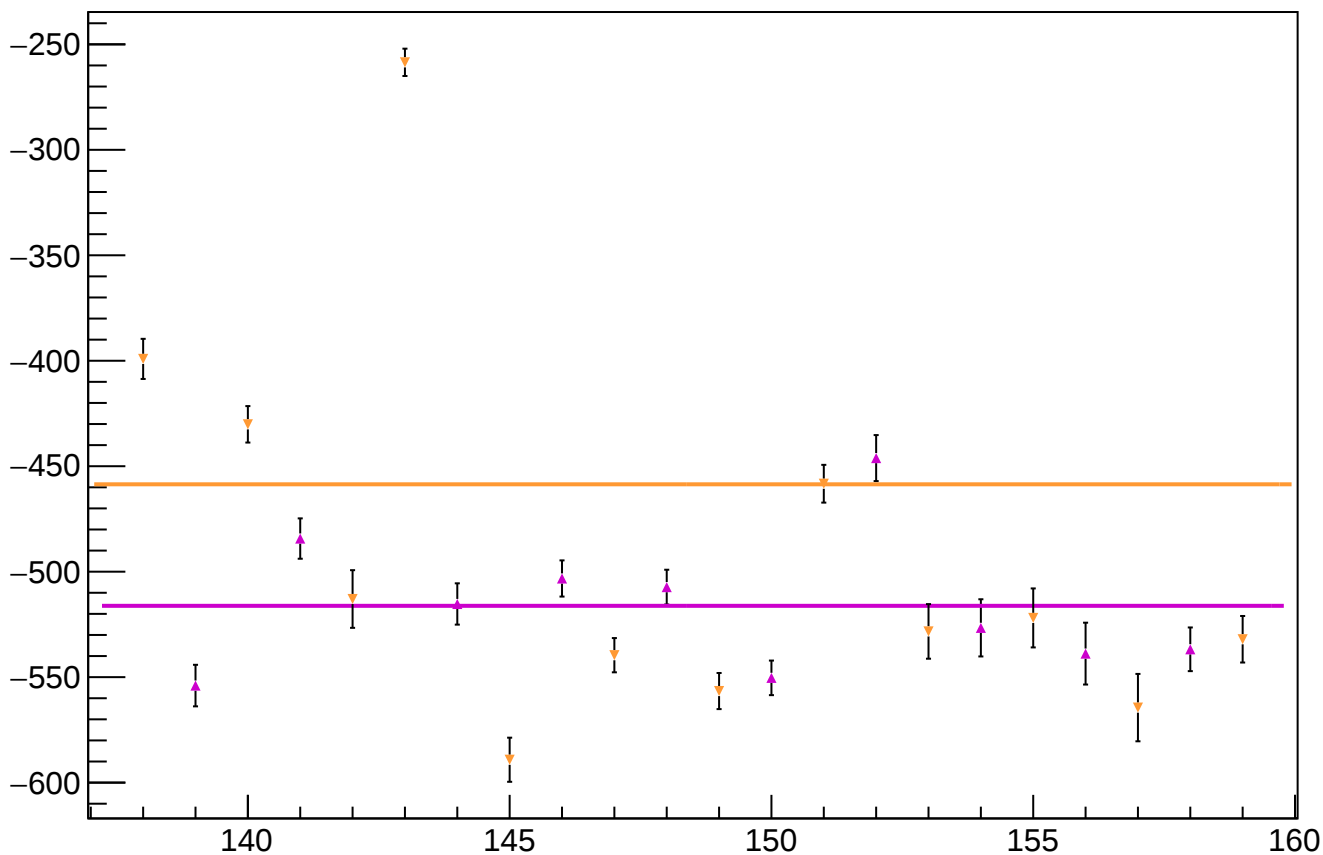
Right: 5.466 ± 0.032 $\chi^2/\text{NDF}: 864856.4/34$

In: 0.450 ± 0.021 $\chi^2/\text{NDF}: 392694.9/26$

Out: 0.389 ± 0.021 $\chi^2/\text{NDF}: 593285.1/29$

All: 0.419 ± 0.015 $\chi^2/\text{NDF}: 985984.0/56$

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: -458.575+/-2.803 χ^2/NDF :1544.1/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -516.185+/-3.120 χ^2/NDF :94.8/9

Left: -484.303+/-2.085 χ^2/NDF : 1827.6/21

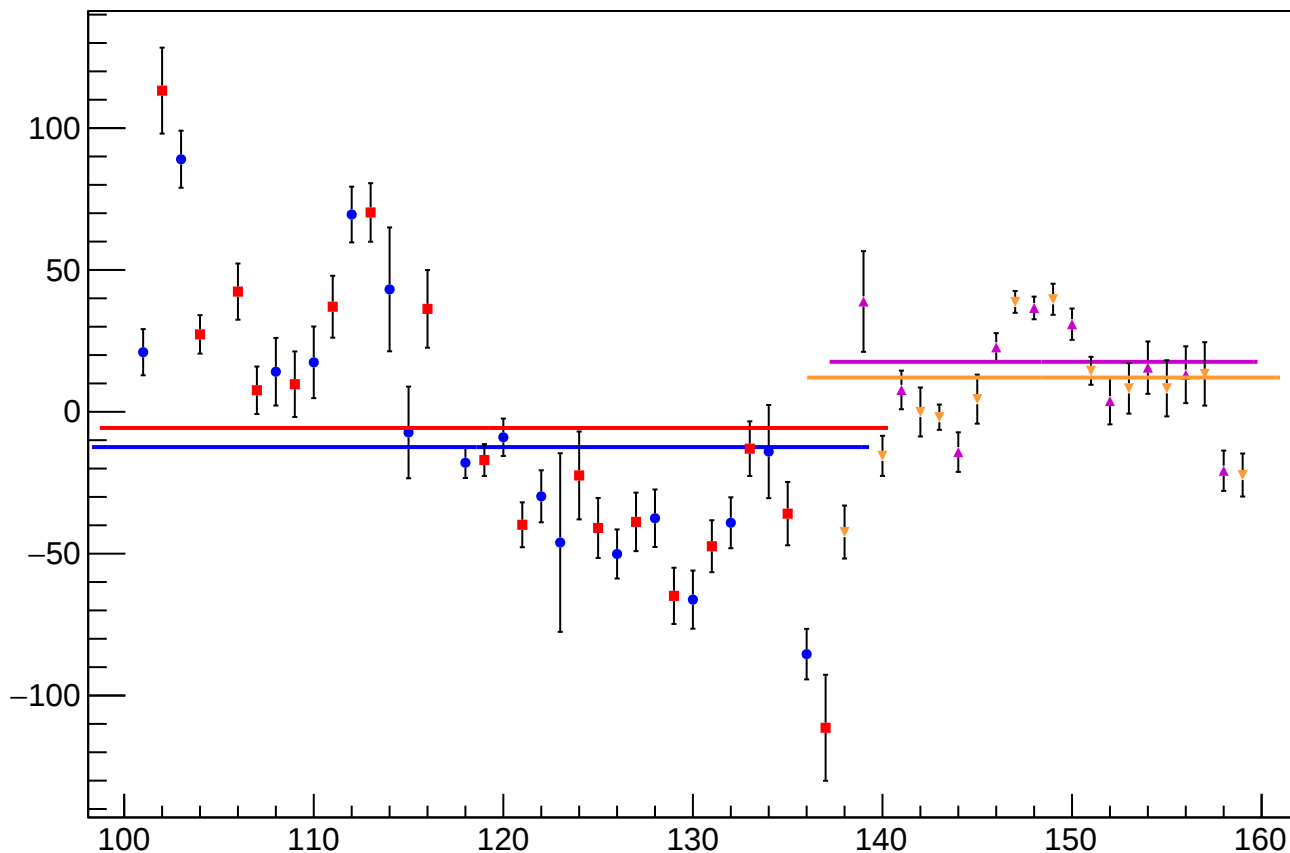
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.185+/-3.120 χ^2/NDF :94.8/9

Out: -458.575+/-2.803 χ^2/NDF :1544.1/11

All: -484.303+/-2.085 χ^2/NDF : 1827.6/21

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.431 ± 2.315 $\chi^2/\text{NDF}: 340.2/16$

Left Out: 12.078 ± 1.829 $\chi^2/\text{NDF}: 156.4/11$

Right Out: -5.686 ± 2.263 $\chi^2/\text{NDF}: 333.7/17$

Left In: 17.621 ± 2.052 $\chi^2/\text{NDF}: 86.1/9$

Left: 14.531 ± 1.365 $\chi^2/\text{NDF}: 246.5/21$

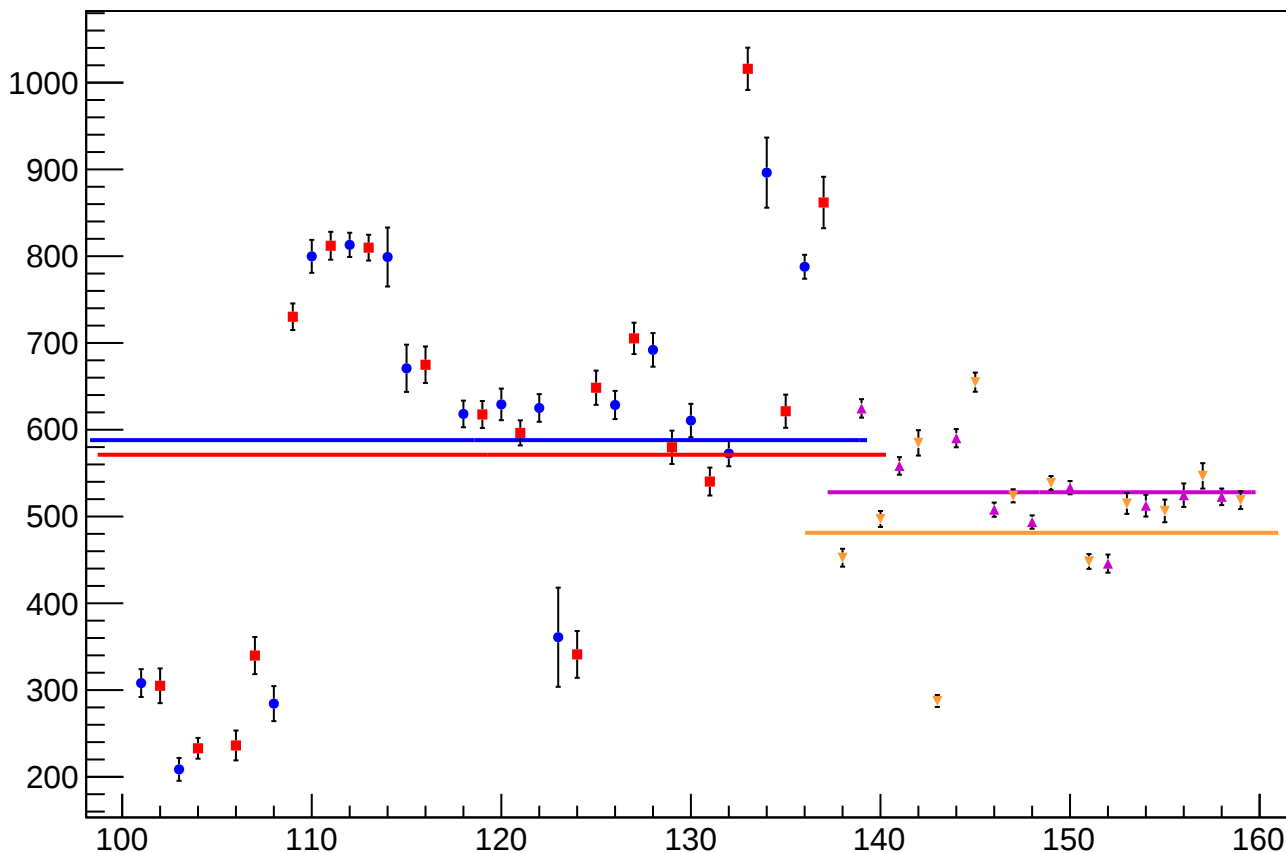
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: 4.399 ± 1.536 $\chi^2/\text{NDF}: 520.7/26$

Out: 5.061 ± 1.422 $\chi^2/\text{NDF}: 527.3/29$

All: 4.755 ± 1.043 $\chi^2/\text{NDF}: 1048.1/56$

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: 481.224 $\pm$ 2.786 χ^2 /NDF:1239.5/11

Right Out: 571.196 $\pm$ 4.151 χ^2 /NDF: 2680.4/17

Left In: 527.969 $\pm$ 3.042 χ^2 /NDF:216.5/9

Left: 502.551 $\pm$ 2.054 χ^2 /NDF: 1584.4/21

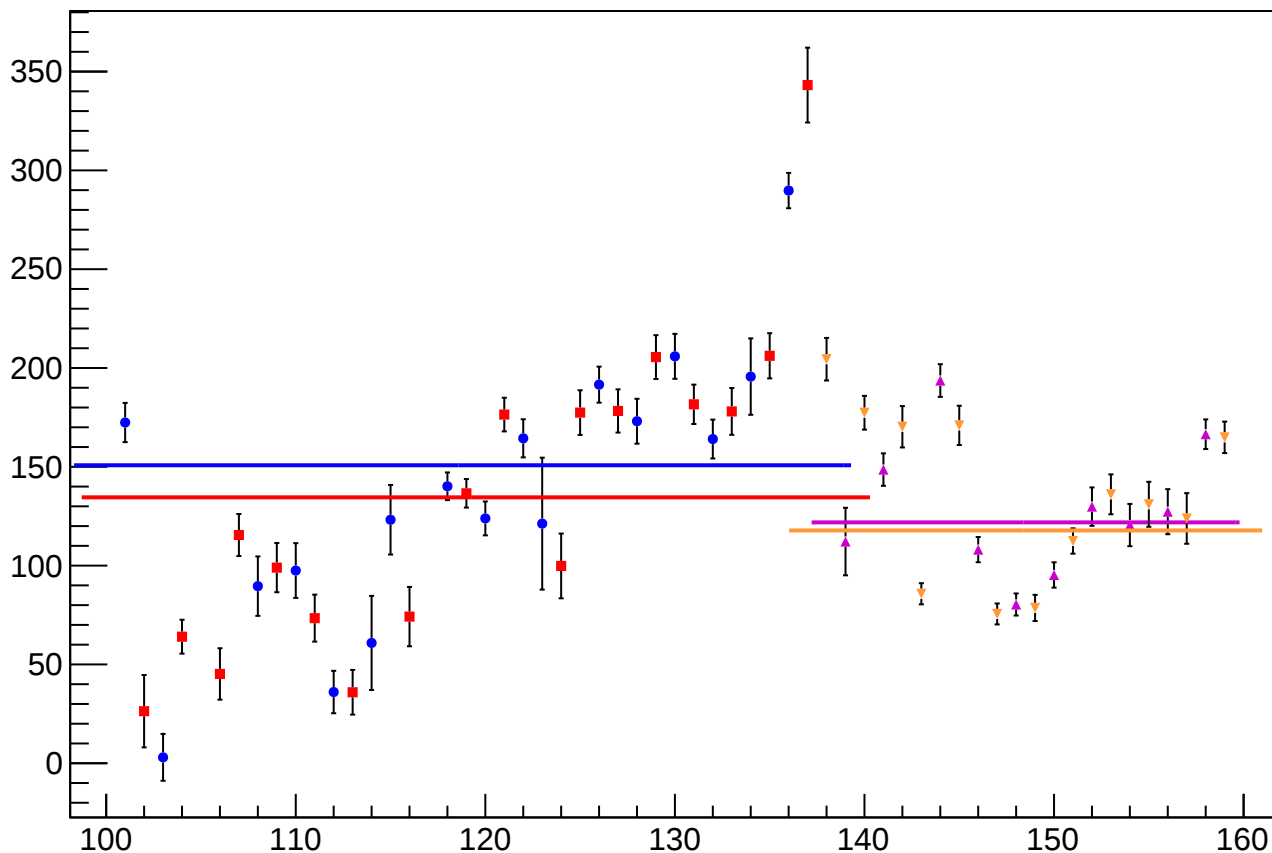
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 547.821 $\pm$ 2.489 χ^2 /NDF:2473.1/26

Out: 509.169 $\pm$ 2.313 χ^2 /NDF:4243.8/29

All: 527.085 $\pm$ 1.694 χ^2 /NDF: 6846.3/56

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785+/-2.679 χ^2/NDF : 633.1/16

Left Out: 117.796+/-2.244 χ^2/NDF : 342.2/11

Right Out: 134.549+/-2.619 χ^2/NDF : 576.2/17

Left In: 121.875+/-2.510 χ^2/NDF : 199.8/9

Left: 119.608+/-1.673 χ^2/NDF : 543.4/21

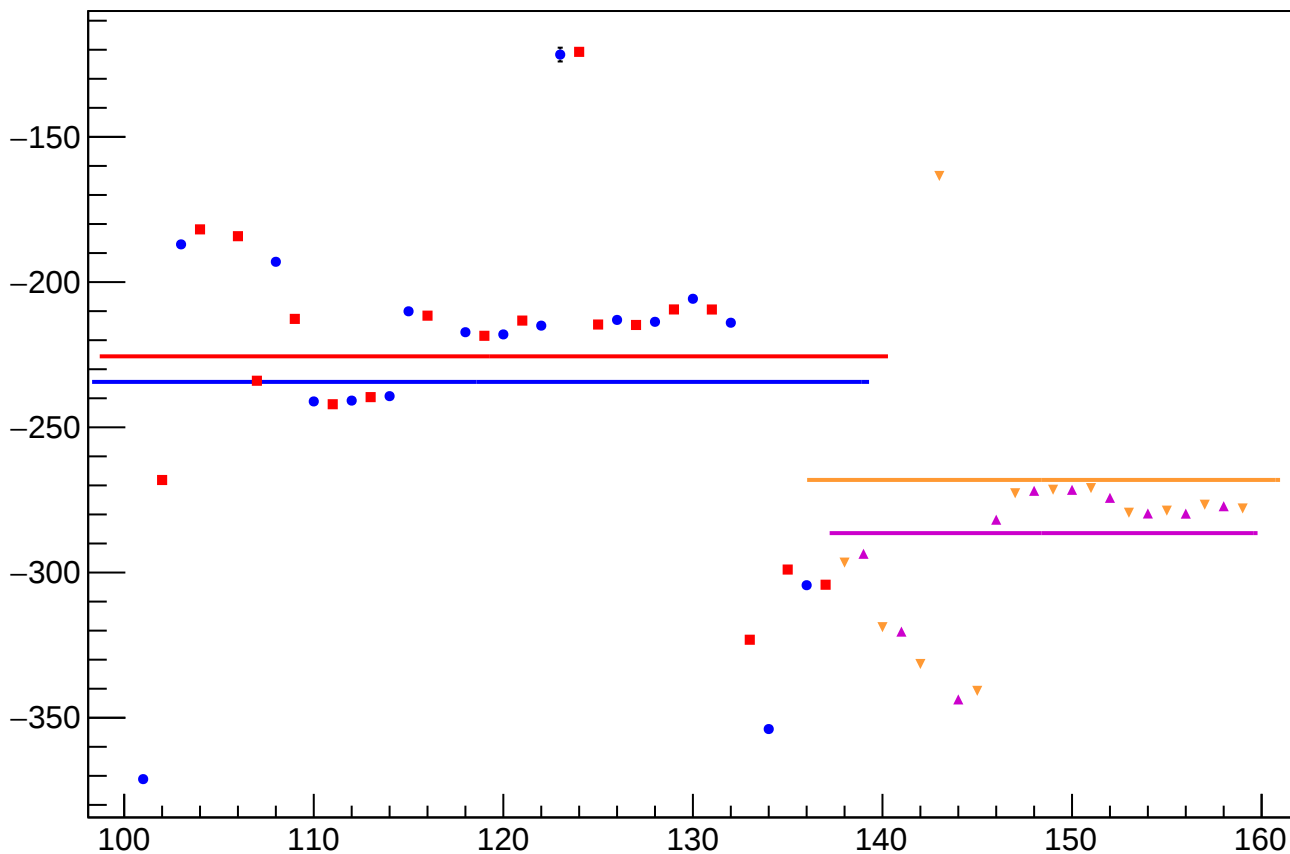
Right: 142.483+/-1.873 χ^2/NDF : 1228.1/34

In: 135.385+/-1.832 χ^2/NDF : 894.9/26

Out: 124.886+/-1.704 χ^2/NDF : 942.0/29

All: 129.757+/-1.248 χ^2/NDF : 1854.5/56

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: -268.114+/-0.113 χ^2/NDF : 204316.2/11

Right Out: -225.561+/-0.142 χ^2/NDF : 92955.0/17

Left In: -286.427+/-0.122 χ^2/NDF : 28973.6/9

Left: -276.591+/-0.083 χ^2/NDF : 245457.9/21

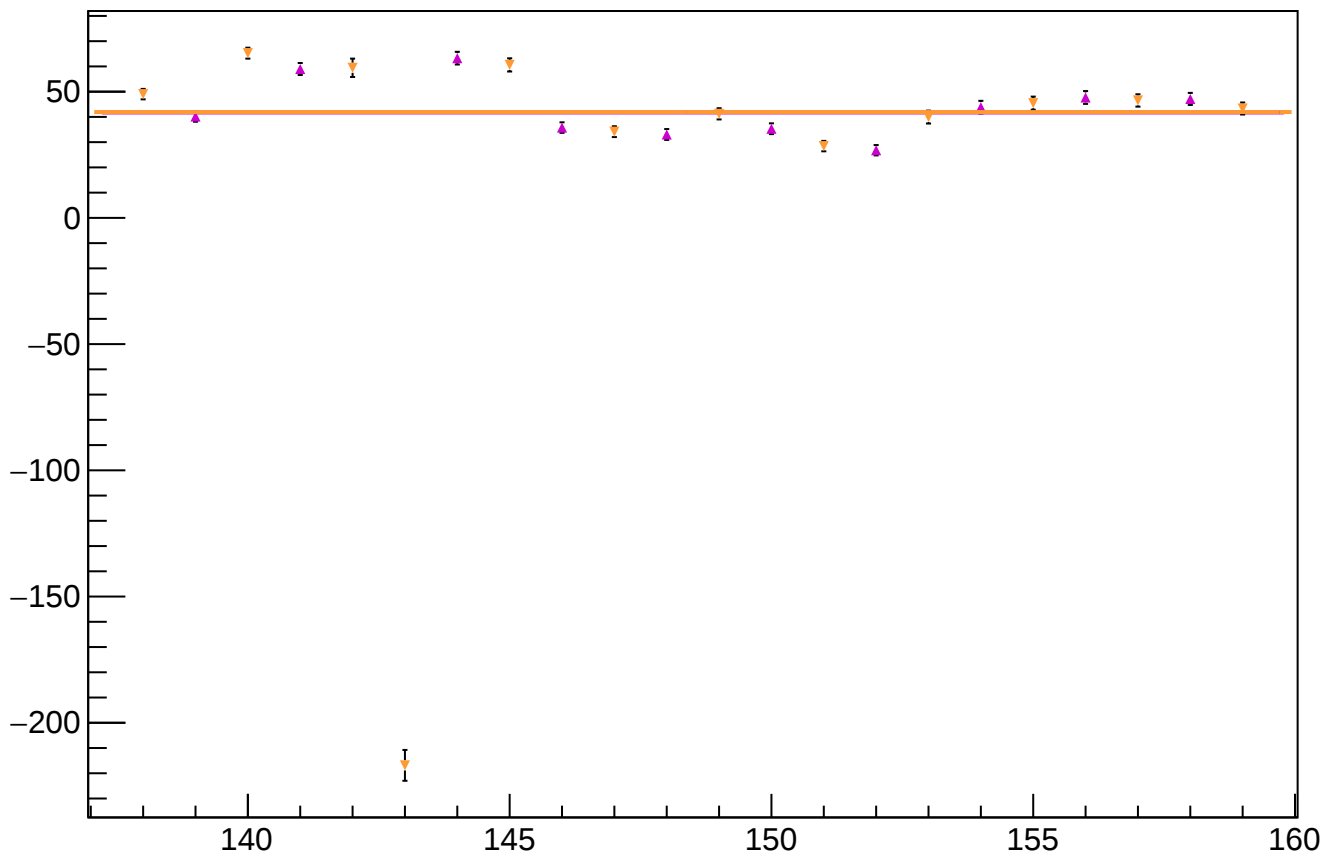
Right: -229.762+/-0.103 χ^2/NDF : 239949.0/34

In: -265.510+/-0.094 χ^2/NDF : 247702.6/26

Out: -251.612+/-0.088 χ^2/NDF : 352303.0/29

All: -258.125+/-0.064 χ^2/NDF : 611595.2/56

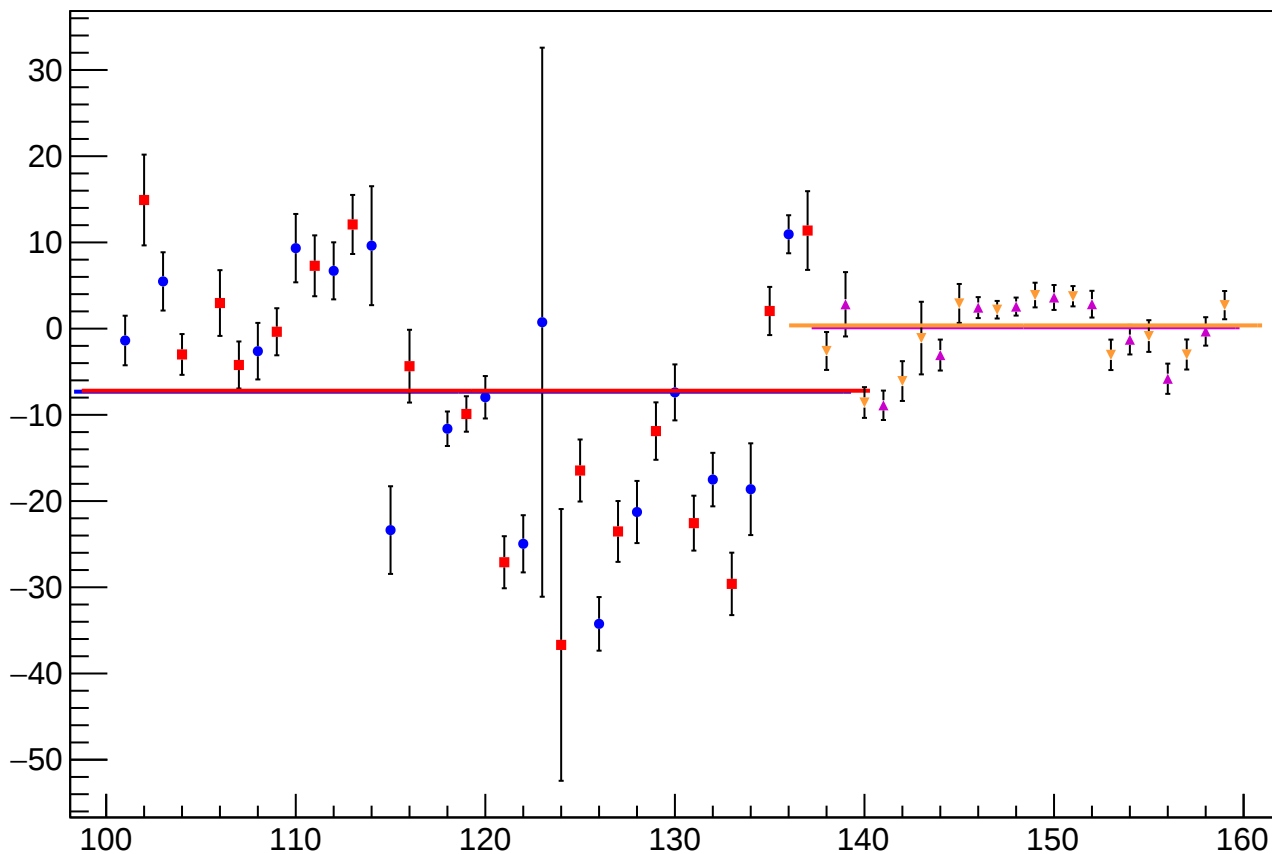
reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left Out: 41.917 +/- 0.708 χ^2 /NDF: 2057.0/11
 Right Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 Left In: 41.767 +/- 0.714 χ^2 /NDF: 224.6/9

Left: 41.843 +/- 0.503 χ^2 /NDF: 2281.6/21
 Right: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0
 In: 41.767 +/- 0.714 χ^2 /NDF: 224.6/9
 Out: 41.917 +/- 0.708 χ^2 /NDF: 2057.0/11
 All: 41.843 +/- 0.503 χ^2 /NDF: 2281.6/21

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: 0.374 ± 0.474 χ^2/NDF : 63.7/11

Right Out: -7.202 ± 0.762 χ^2/NDF : 252.1/17

Left In: 0.153 ± 0.485 χ^2/NDF : 61.8/9

Left: 0.266 ± 0.339 χ^2/NDF : 125.6/21

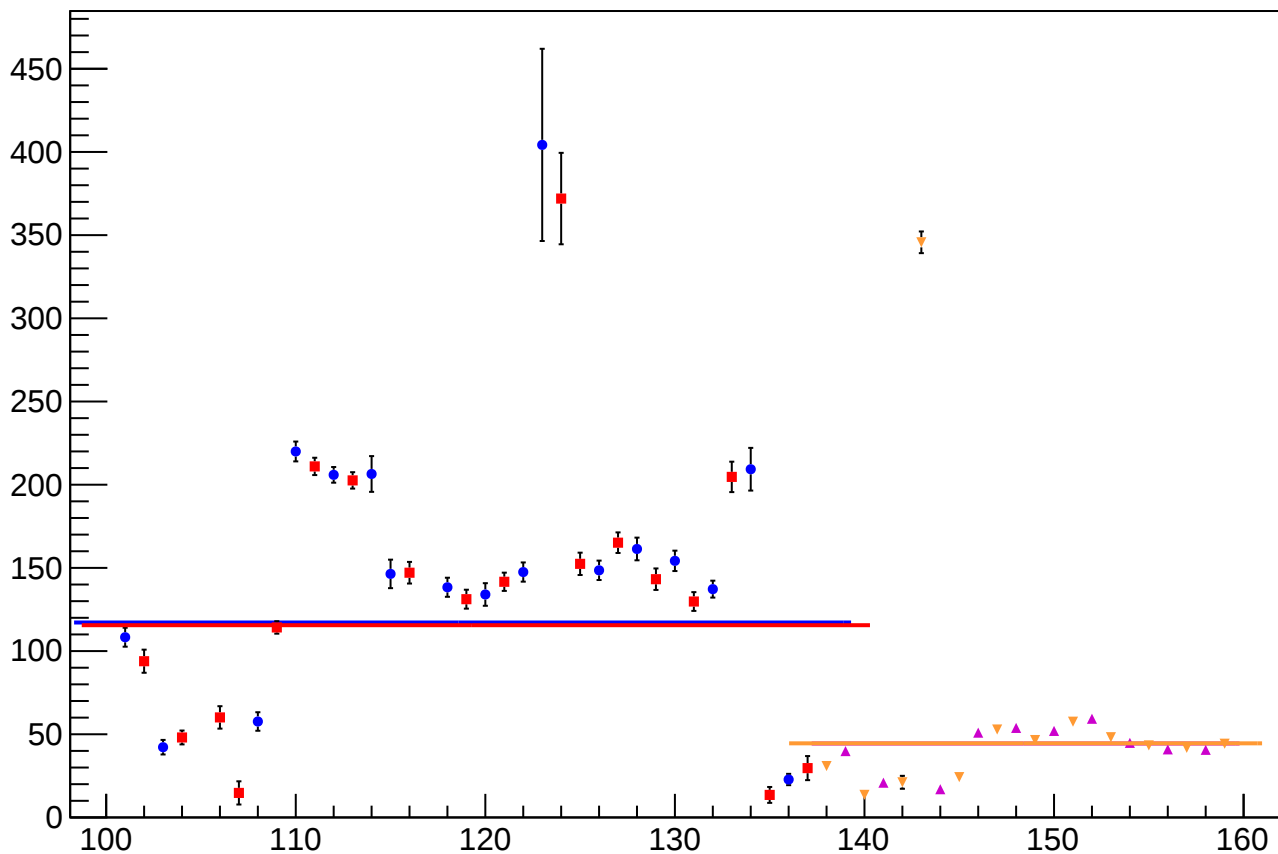
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.930 ± 0.412 χ^2/NDF : 406.9/26

Out: -1.740 ± 0.402 χ^2/NDF : 387.1/29

All: -1.832 ± 0.288 χ^2/NDF : 794.1/56

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: 44.551+/-0.691 χ^2/NDF :2508.8/11

Right Out: 115.556+/-1.363 χ^2/NDF : 2149.2/17

Left In: 44.442+/-0.695 χ^2/NDF :304.7/9

Left: 44.497+/-0.490 χ^2/NDF : 2813.6/21

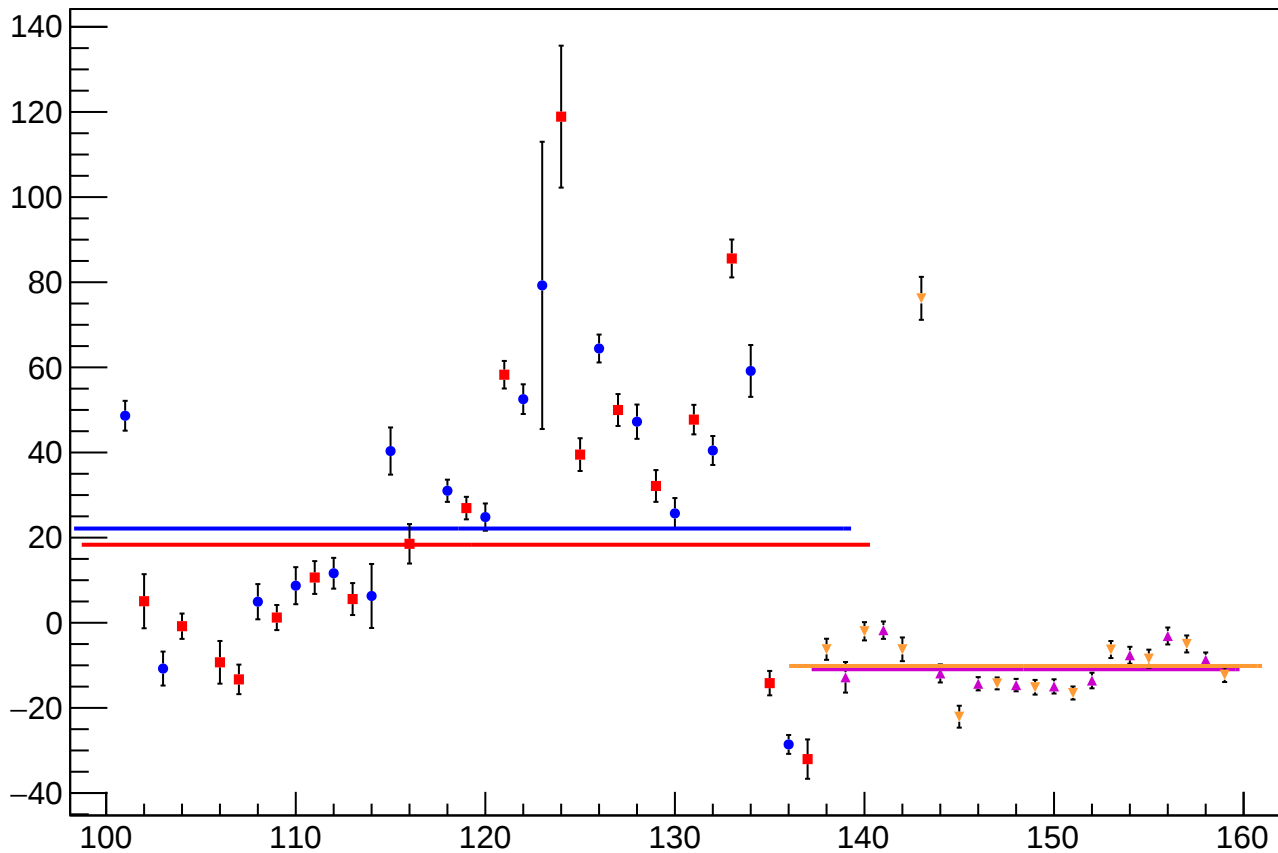
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 58.624+/-0.623 χ^2/NDF :4602.3/26

Out: 59.059+/-0.616 χ^2/NDF :6816.8/29

All: 58.844+/-0.438 χ^2/NDF : 11419.4/56

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136 ± 0.891 $\chi^2/\text{NDF}: 1064.1/16$

Left Out: -10.150 ± 0.575 $\chi^2/\text{NDF}: 379.7/11$

Right Out: 18.331 ± 0.872 $\chi^2/\text{NDF}: 1070.4/17$

Left In: -10.921 ± 0.586 $\chi^2/\text{NDF}: 59.5/9$

Left: -10.527 ± 0.410 $\chi^2/\text{NDF}: 440.1/21$

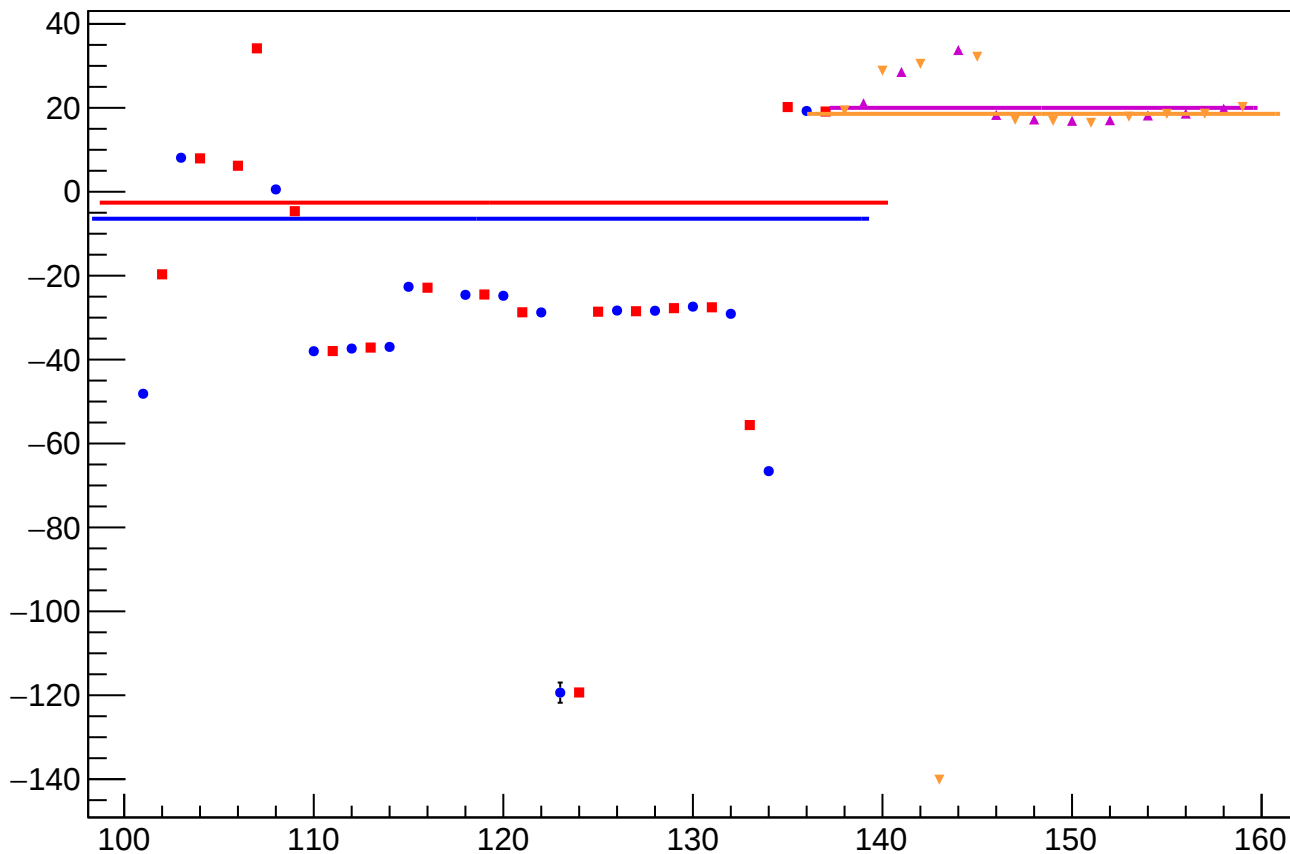
Right: 20.192 ± 0.623 $\chi^2/\text{NDF}: 2143.8/34$

In: -0.938 ± 0.490 $\chi^2/\text{NDF}: 2084.1/26$

Out: -1.529 ± 0.480 $\chi^2/\text{NDF}: 2193.9/29$

All: -1.240 ± 0.343 $\chi^2/\text{NDF}: 4278.8/56$

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 ± 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.568 ± 0.027 χ^2/NDF : 400110.5/11

Right Out: -2.597 ± 0.046 χ^2/NDF : 263579.4/17

Left In: 19.998 ± 0.027 χ^2/NDF : 25860.1/9

Left: 19.281 ± 0.019 χ^2/NDF : 427360.1/21

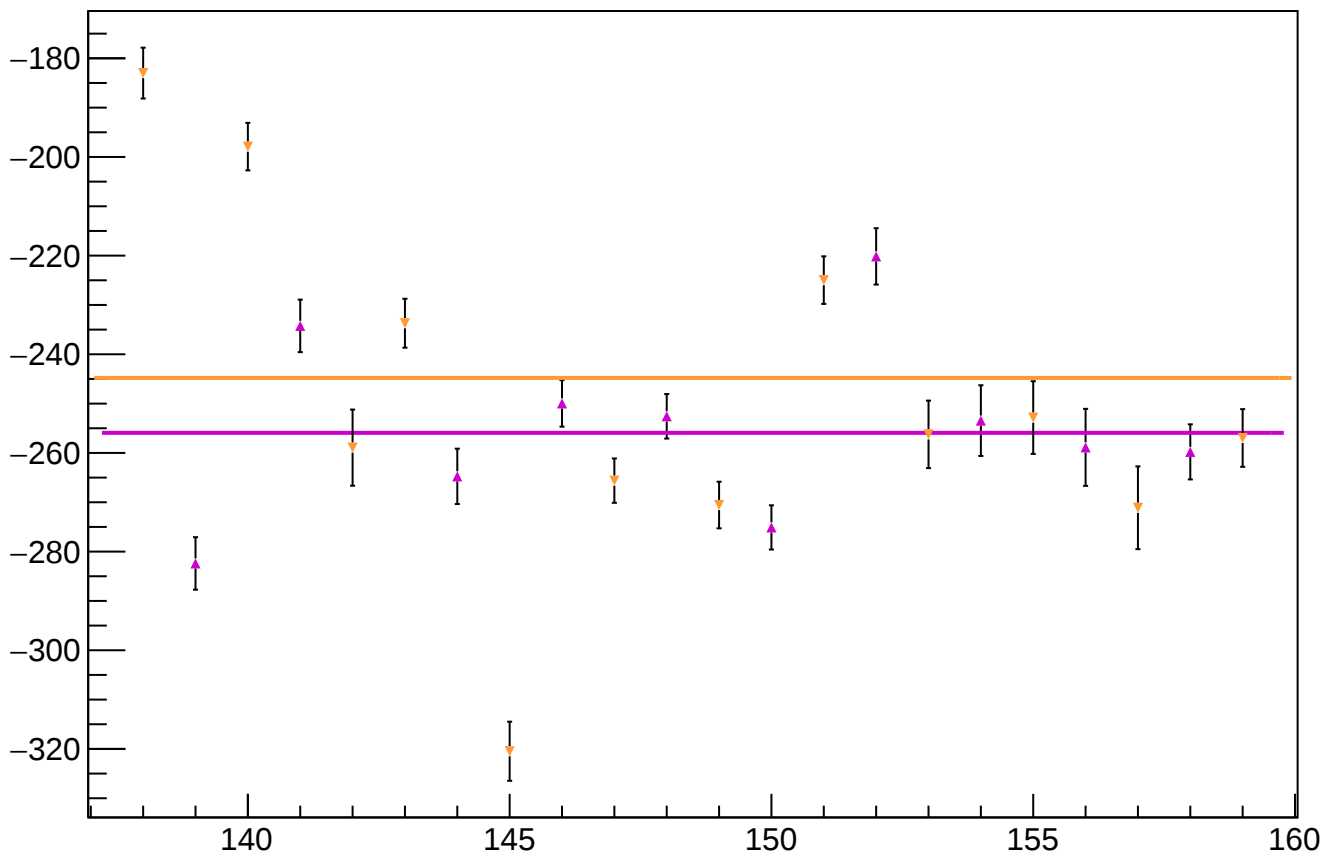
Right: -4.494 ± 0.033 χ^2/NDF : 532217.8/34

In: 13.216 ± 0.023 χ^2/NDF : 534100.7/26

Out: 13.072 ± 0.023 χ^2/NDF : 821966.5/29

All: 13.144 ± 0.017 χ^2/NDF : 1356086.1/56

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: -244.793+/-1.608 χ^2/NDF :492.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -255.925+/-1.703 χ^2/NDF :104.2/9

Left: -250.040+/-1.169 χ^2/NDF : 619.6/21

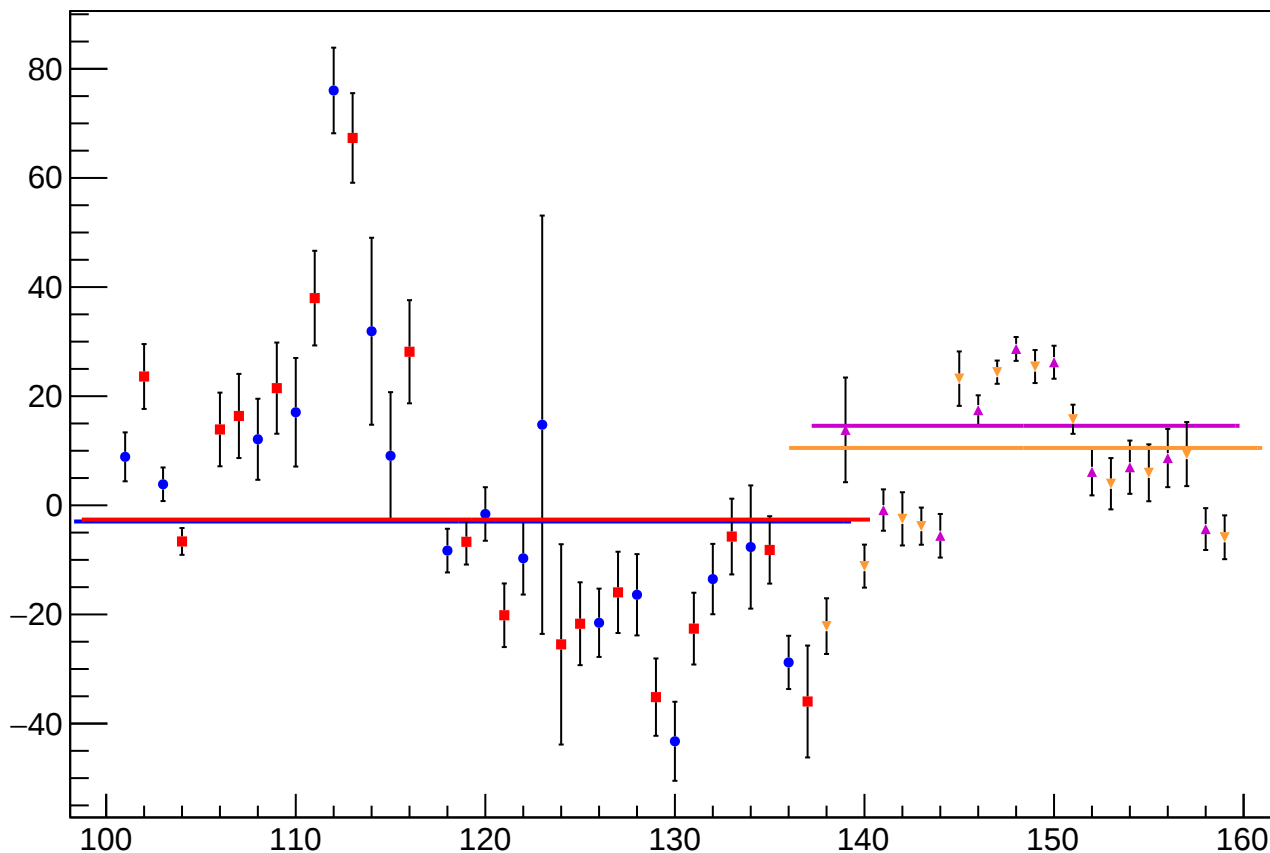
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.925+/-1.703 χ^2/NDF :104.2/9

Out: -244.793+/-1.608 χ^2/NDF :492.8/11

All: -250.040+/-1.169 χ^2/NDF : 619.6/21

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.964 ± 1.452 χ^2/NDF : 203.5/16

Left Out: 10.513 ± 1.046 χ^2/NDF : 192.5/11

Right Out: -2.615 ± 1.399 χ^2/NDF : 210.5/17

Left In: 14.575 ± 1.121 χ^2/NDF : 131.4/9

Left: 12.403 ± 0.765 χ^2/NDF : 330.9/21

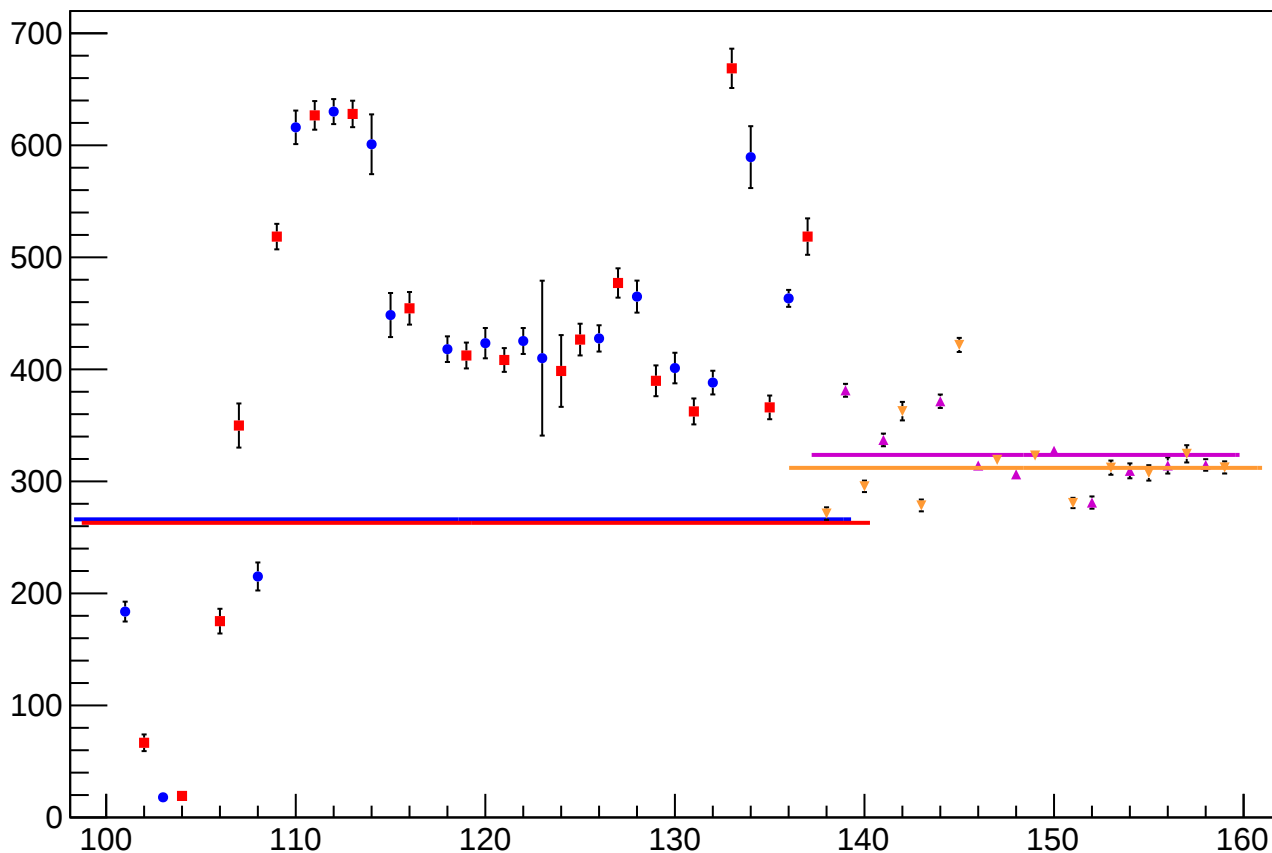
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 8.028 ± 0.887 χ^2/NDF : 426.3/26

Out: 5.807 ± 0.838 χ^2/NDF : 459.5/29

All: 6.853 ± 0.609 χ^2/NDF : 889.1/56

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: 312.062 $\pm$ 1.585 χ^2 /NDF: 504.2/11

Right Out: 263.003 $\pm$ 2.467 χ^2 /NDF: 8172.0/17

Left In: 323.629 $\pm$ 1.658 χ^2 /NDF: 261.2/9

Left: 317.587 $\pm$ 1.146 χ^2 /NDF: 790.9/21

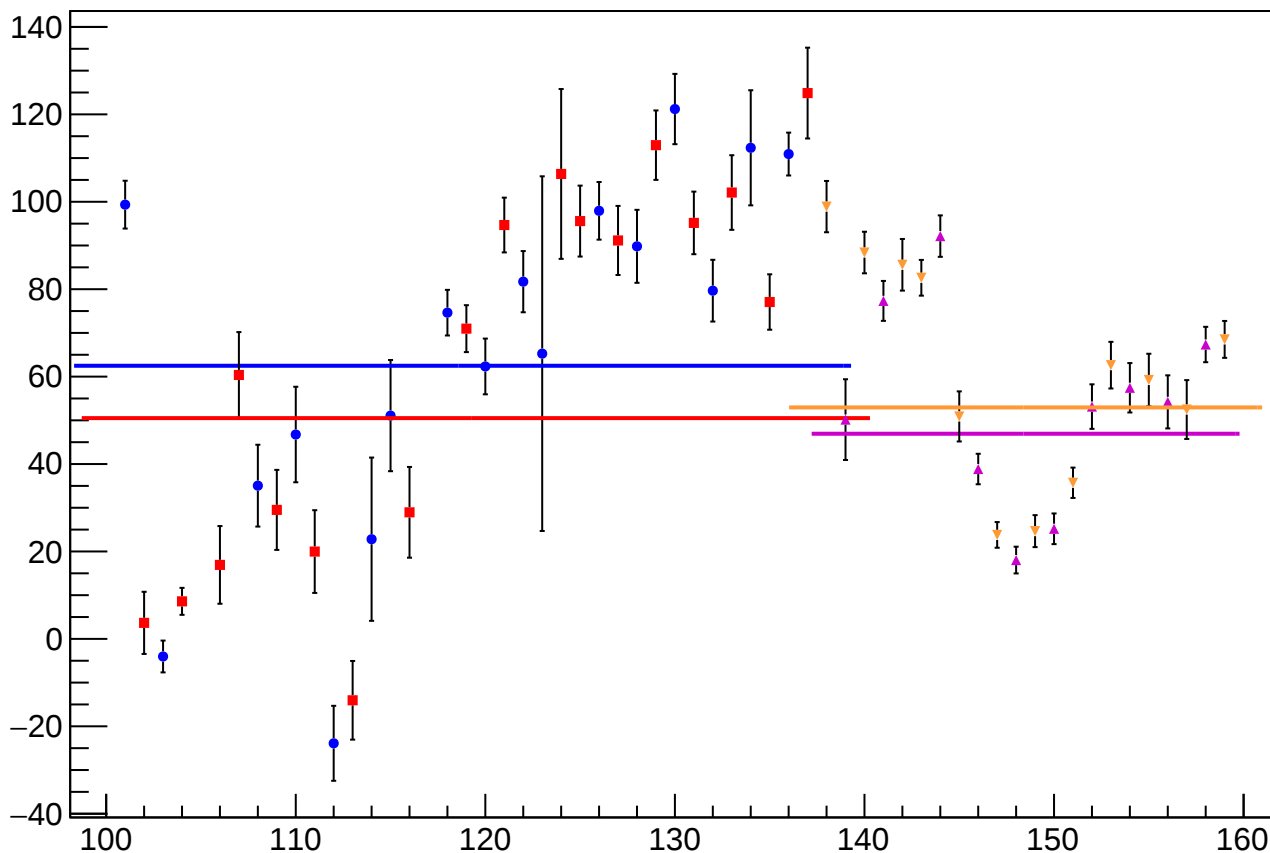
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 305.867 $\pm$ 1.378 χ^2 /NDF: 8276.9/26

Out: 297.721 $\pm$ 1.334 χ^2 /NDF: 8956.2/29

All: 301.660 $\pm$ 0.958 χ^2 /NDF: 17251.2/56

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: 52.952 ± 1.284 $\chi^2/\text{NDF}: 401.2/11$

Right Out: 50.506 ± 1.644 $\chi^2/\text{NDF}: 650.6/17$

Left In: 46.934 ± 1.370 $\chi^2/\text{NDF}: 300.2/9$

Left: 50.139 ± 0.937 $\chi^2/\text{NDF}: 711.7/21$

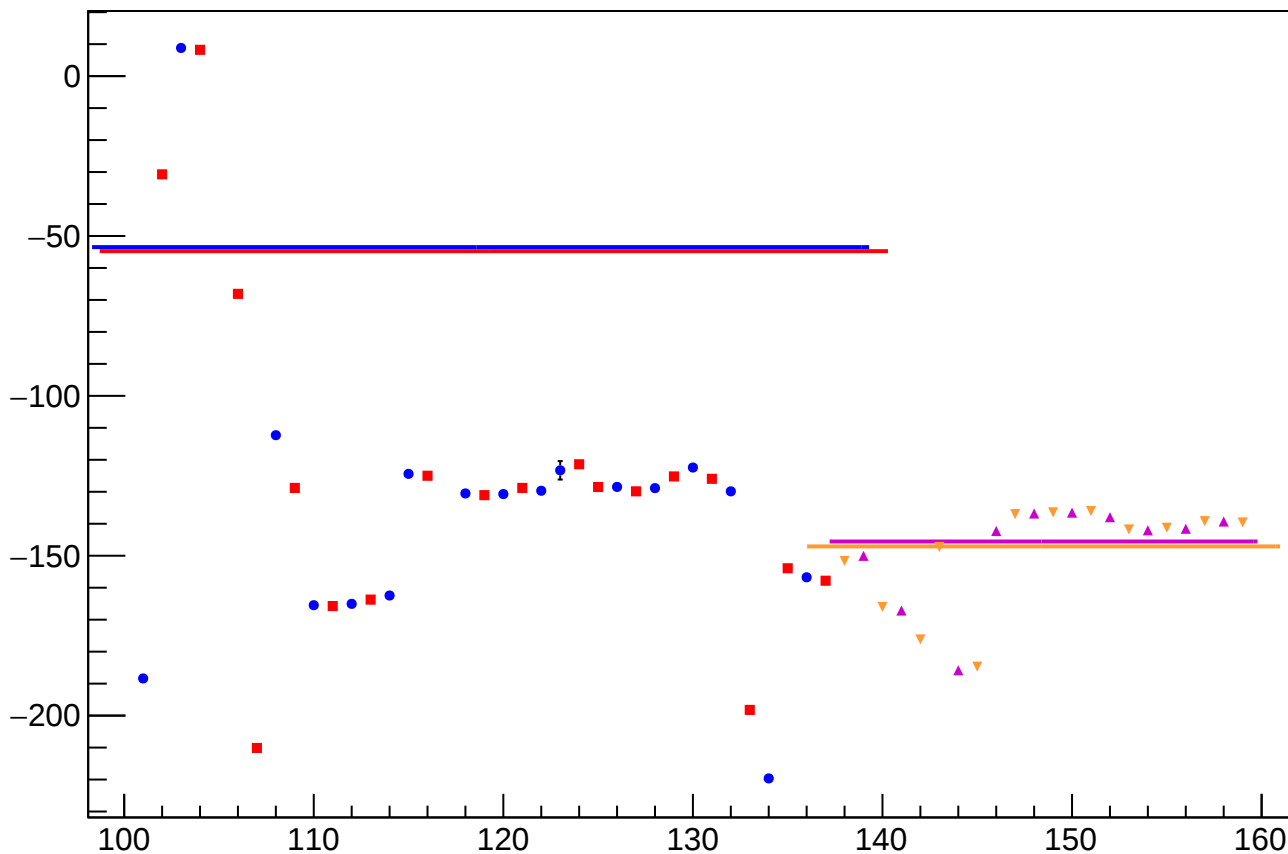
Right: 56.364 ± 1.175 $\chi^2/\text{NDF}: 1397.3/34$

In: 53.143 ± 1.062 $\chi^2/\text{NDF}: 1072.4/26$

Out: 52.026 ± 1.012 $\chi^2/\text{NDF}: 1053.1/29$

All: 52.557 ± 0.733 $\chi^2/\text{NDF}: 2126.1/56$

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -53.481 ± 0.070 $\chi^2/\text{NDF}: 1228730.5/16$

Left Out: -147.091 ± 0.064 $\chi^2/\text{NDF}: 50441.7/11$

Right Out: -54.748 ± 0.072 $\chi^2/\text{NDF}: 952446.3/17$

Left In: -145.552 ± 0.066 $\chi^2/\text{NDF}: 40857.8/9$

Left: -146.346 ± 0.046 $\chi^2/\text{NDF}: 91578.7/21$

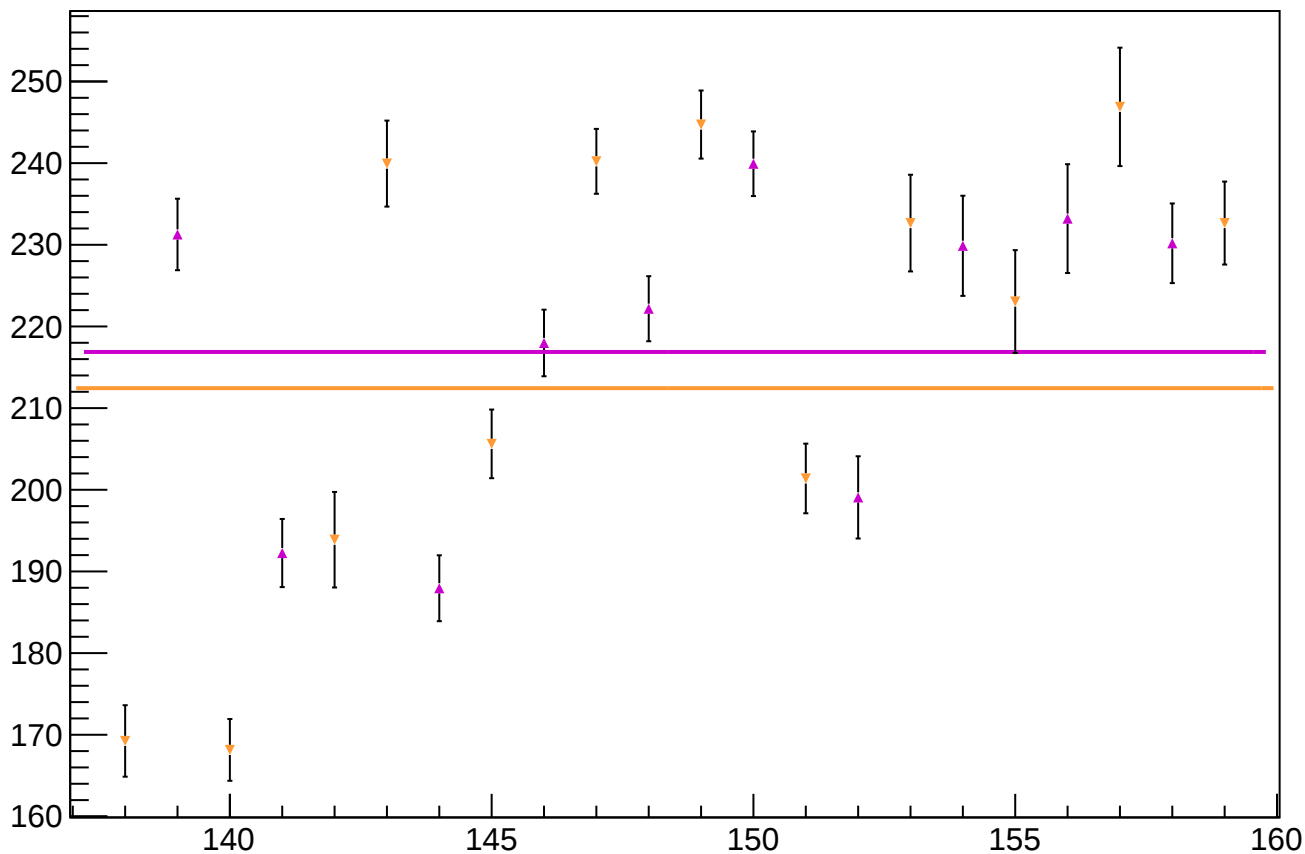
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -102.333 ± 0.048 $\chi^2/\text{NDF}: 2179463.4/26$

Out: -106.356 ± 0.048 $\chi^2/\text{NDF}: 1918816.3/29$

All: -104.356 ± 0.034 $\chi^2/\text{NDF}: 4101786.0/56$

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: 212.446+/-1.372 χ^2/NDF :443.0/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 216.876+/-1.431 χ^2/NDF :163.3/9

Left: 214.568+/-0.990 χ^2/NDF : 611.3/21

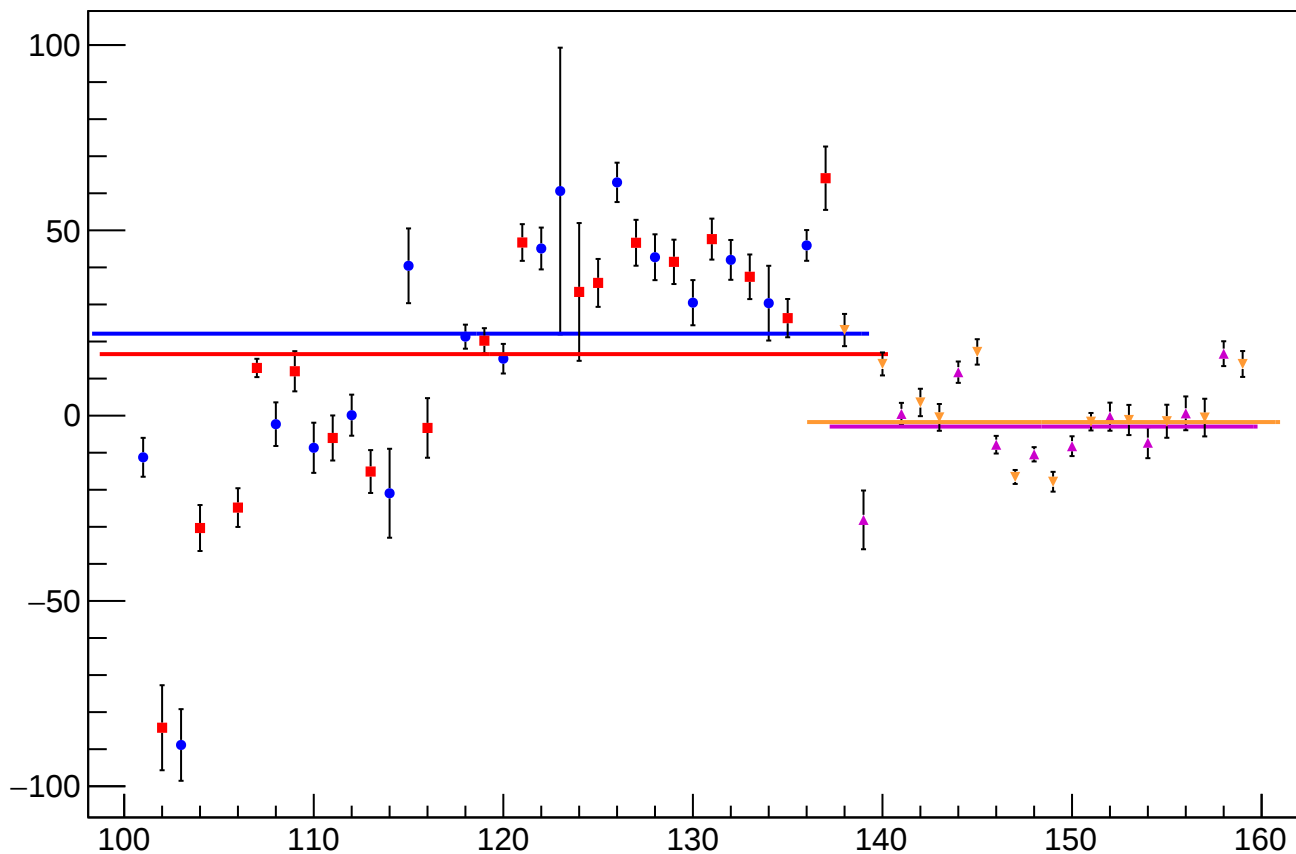
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.876+/-1.431 χ^2/NDF :163.3/9

Out: 212.446+/-1.372 χ^2/NDF :443.0/11

All: 214.568+/-0.990 χ^2/NDF : 611.3/21

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.119 ± 1.376 $\chi^2/\text{NDF}: 382.0/16$

Left Out: -1.731 ± 0.903 $\chi^2/\text{NDF}: 209.2/11$

Right Out: 16.602 ± 1.229 $\chi^2/\text{NDF}: 416.8/17$

Left In: -2.950 ± 0.954 $\chi^2/\text{NDF}: 97.2/9$

Left: -2.307 ± 0.656 $\chi^2/\text{NDF}: 307.3/21$

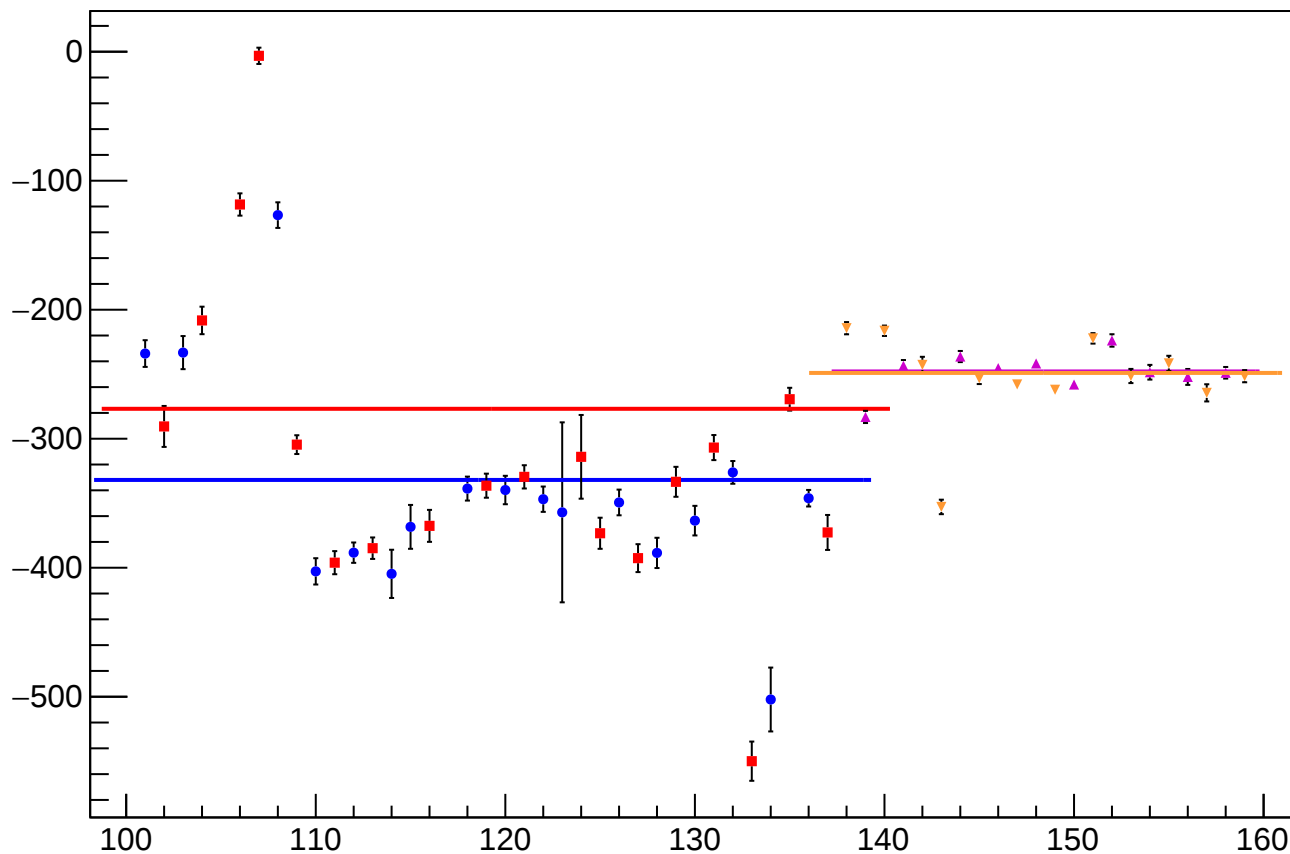
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 5.187 ± 0.784 $\chi^2/\text{NDF}: 703.2/26$

Out: 4.700 ± 0.728 $\chi^2/\text{NDF}: 770.5/29$

All: 4.925 ± 0.533 $\chi^2/\text{NDF}: 1473.9/56$

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -331.952 ± 2.567 $\chi^2/\text{NDF}: 785.6/16$

Left Out: -248.997 ± 1.358 $\chi^2/\text{NDF}: 531.1/11$

Right Out: -276.804 ± 2.329 $\chi^2/\text{NDF}: 3330.4/17$

Left In: -247.852 ± 1.402 $\chi^2/\text{NDF}: 99.6/9$

Left: -248.442 ± 0.975 $\chi^2/\text{NDF}: 631.1/21$

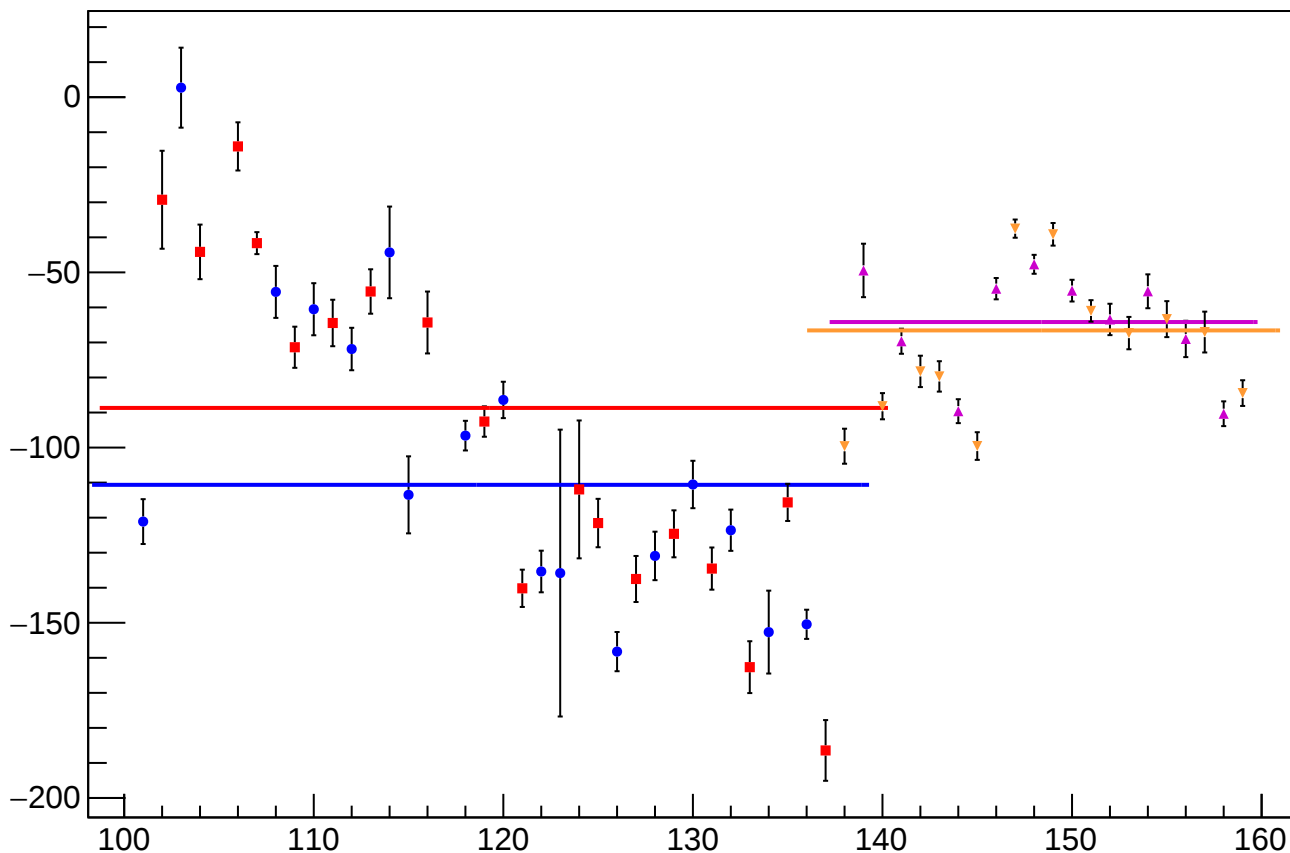
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -267.166 ± 1.230 $\chi^2/\text{NDF}: 1711.9/26$

Out: -256.049 ± 1.173 $\chi^2/\text{NDF}: 3967.9/29$

All: -261.344 ± 0.849 $\chi^2/\text{NDF}: 5722.5/56$

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -110.633 ± 1.581 χ^2/NDF : 508.9/16

Left Out: -66.563 ± 1.106 χ^2/NDF : 387.9/11

Right Out: -88.683 ± 1.434 χ^2/NDF : 964.0/17

Left In: -64.170 ± 1.162 χ^2/NDF : 175.9/9

Left: -65.427 ± 0.801 χ^2/NDF : 566.0/21

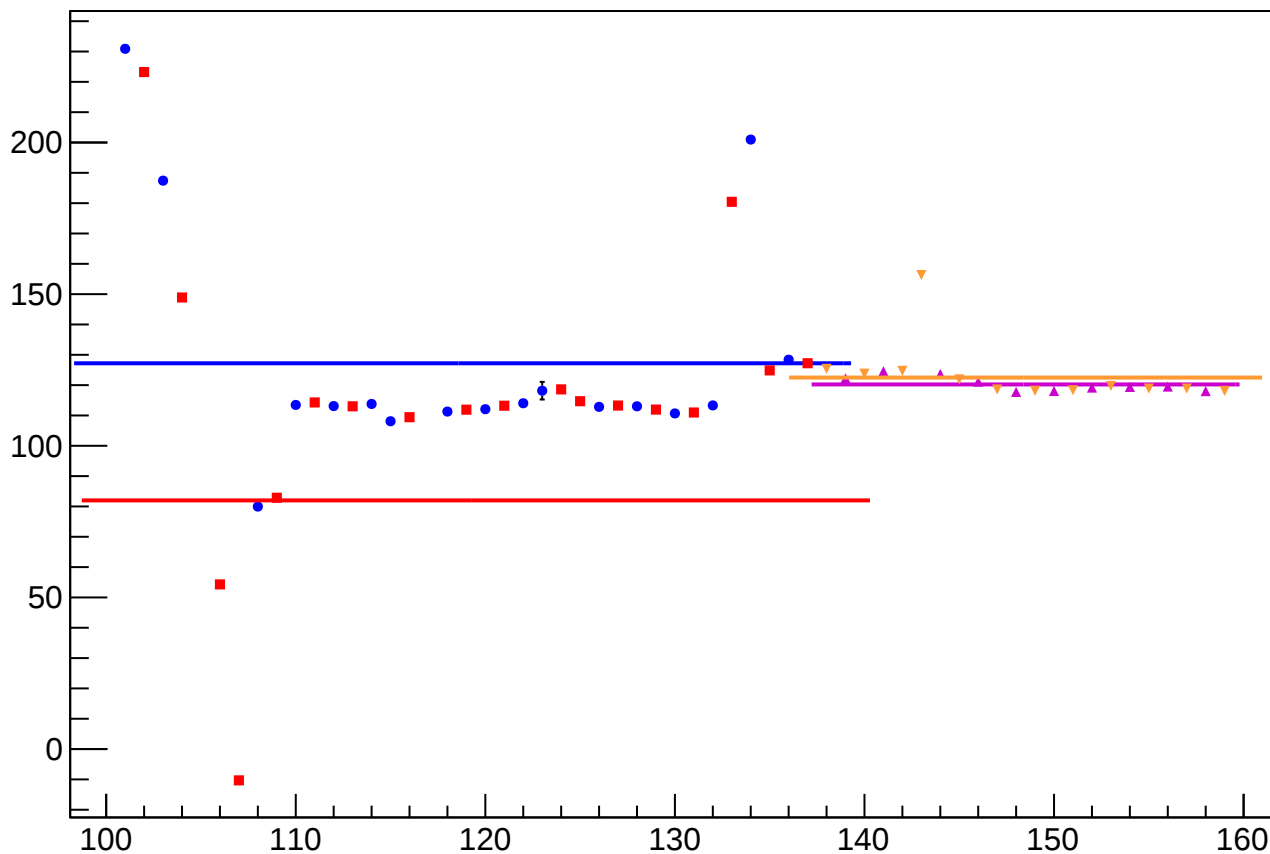
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -80.474 ± 0.937 χ^2/NDF : 1245.3/26

Out: -74.808 ± 0.876 χ^2/NDF : 1501.0/29

All: -77.451 ± 0.640 χ^2/NDF : 2765.8/56

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 122.497 $\pm$ 0.055 χ^2 /NDF: 25851.5/11

Right Out: 81.994 $\pm$ 0.075 χ^2 /NDF: 749824.5/17

Left In: 120.231 $\pm$ 0.056 χ^2 /NDF: 1769.0/9

Left: 121.388 $\pm$ 0.039 χ^2 /NDF: 28457.9/21

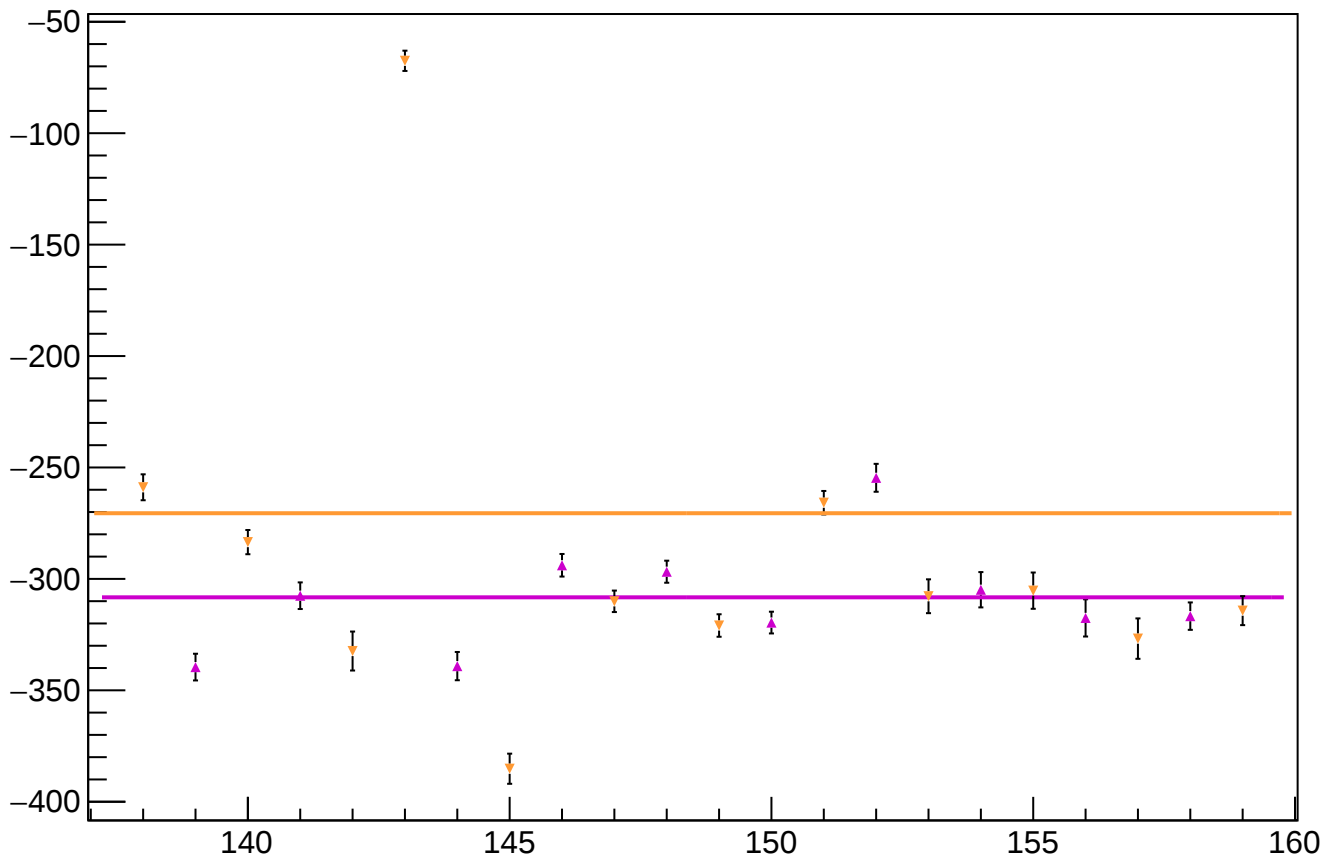
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.202 $\pm$ 0.047 χ^2 /NDF: 194186.2/26

Out: 108.517 $\pm$ 0.044 χ^2 /NDF: 964212.2/29

All: 114.906 $\pm$ 0.032 χ^2 /NDF: 1202856.3/56

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: -270.531+/-1.733 χ^2/NDF :2631.9/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -308.271+/-1.874 χ^2/NDF :146.5/9

Left: -287.923+/-1.272 χ^2/NDF : 2997.0/21

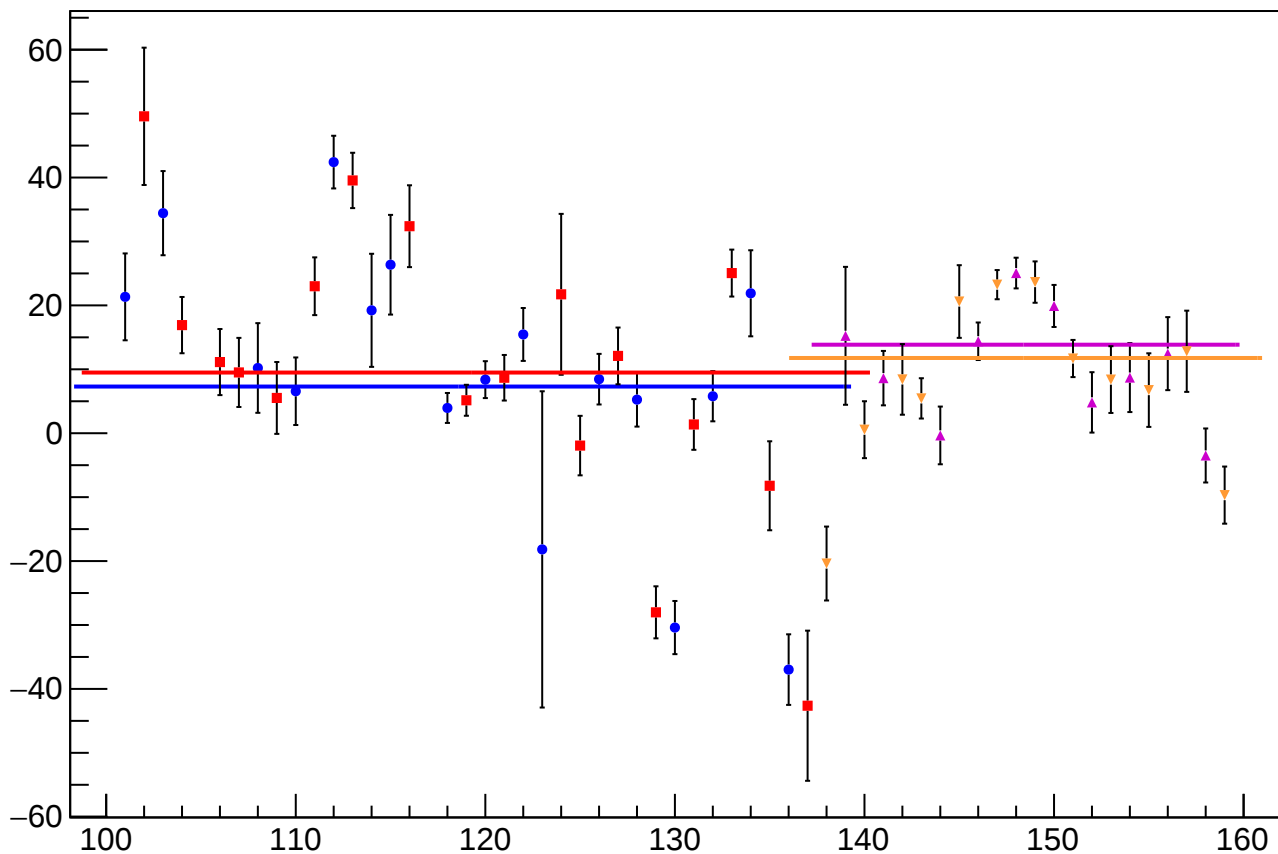
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -308.271+/-1.874 χ^2/NDF :146.5/9

Out: -270.531+/-1.733 χ^2/NDF :2631.9/11

All: -287.923+/-1.272 χ^2/NDF : 2997.0/21

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: 11.771 $\pm$ 1.124 χ^2 /NDF:107.0/11

Right Out: 9.493 $\pm$ 1.073 χ^2 /NDF: 231.1/17

Left In: 13.849 $\pm$ 1.230 χ^2 /NDF:58.1/9

Left: 12.716 $\pm$ 0.830 χ^2 /NDF: 166.7/21

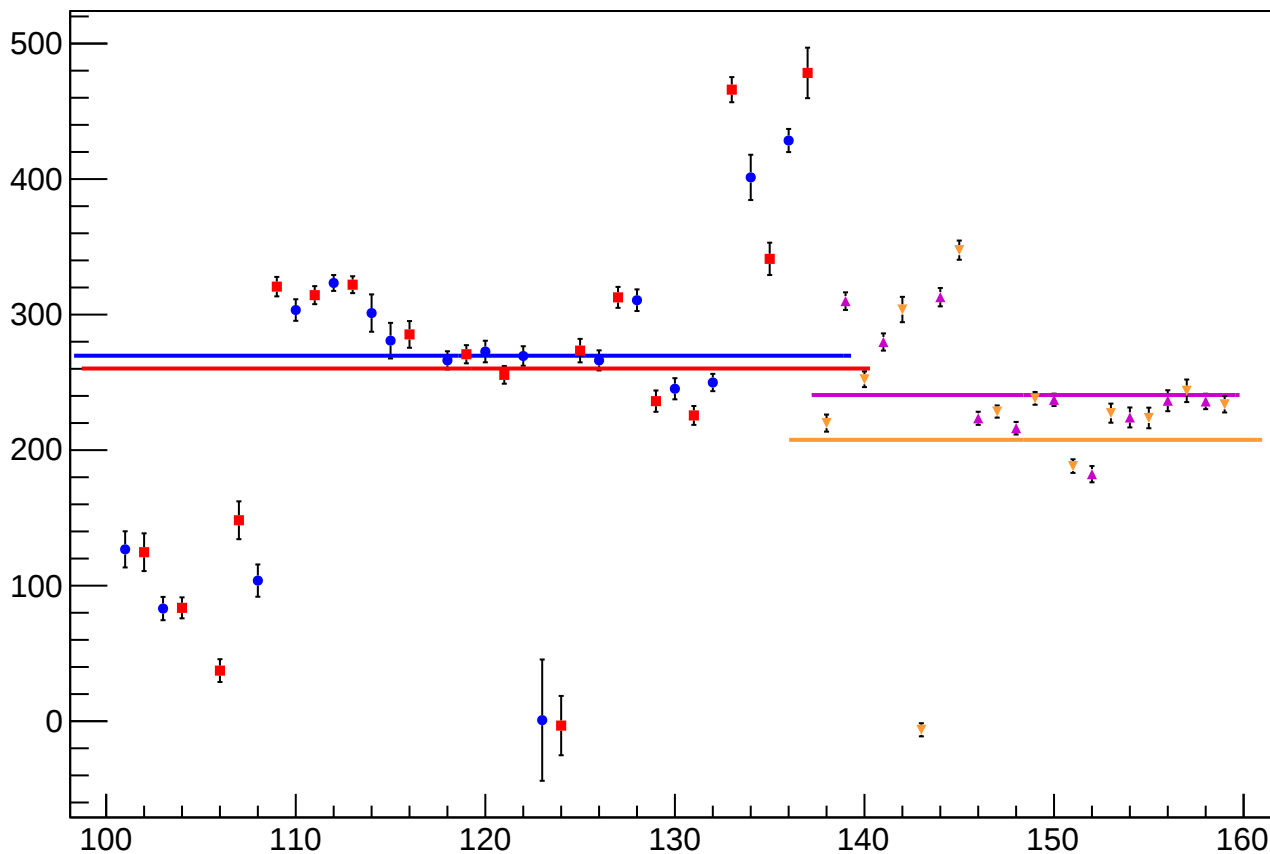
Right: 8.410 $\pm$ 0.763 χ^2 /NDF: 493.8/34

In: 10.168 $\pm$ 0.814 χ^2 /NDF:334.6/26

Out: 10.579 $\pm$ 0.776 χ^2 /NDF:340.3/29

All: 10.383 $\pm$ 0.562 χ^2 /NDF: 675.1/56

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: 207.608 $\pm$ 1.710 χ^2 /NDF:2631.5/11

Right Out: 260.226 $\pm$ 1.979 χ^2 /NDF: 2528.0/17

Left In: 240.652 $\pm$ 1.821 χ^2 /NDF:407.1/9

Left: 223.089 $\pm$ 1.247 χ^2 /NDF: 3213.5/21

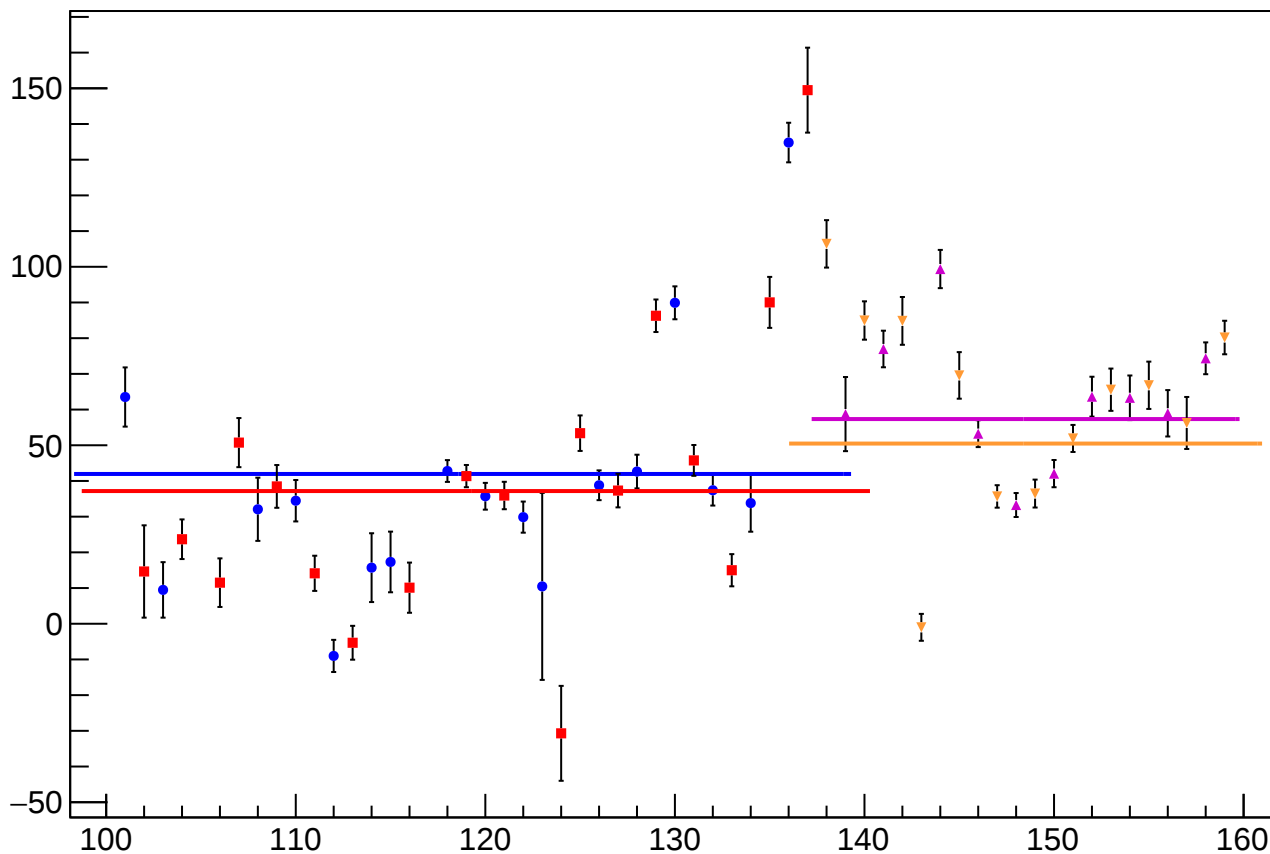
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 253.272 $\pm$ 1.369 χ^2 /NDF:1894.0/26

Out: 230.104 $\pm$ 1.294 χ^2 /NDF:5564.2/29

All: 241.033 $\pm$ 0.940 χ^2 /NDF: 7609.5/56

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.959 ± 1.258 $\chi^2/\text{NDF}: 574.2/16$

Left Out: 50.476 ± 1.380 $\chi^2/\text{NDF}: 421.9/11$

Right Out: 37.171 ± 1.236 $\chi^2/\text{NDF}: 470.9/17$

Left In: 57.342 ± 1.504 $\chi^2/\text{NDF}: 161.7/9$

Left: 53.614 ± 1.017 $\chi^2/\text{NDF}: 594.9/21$

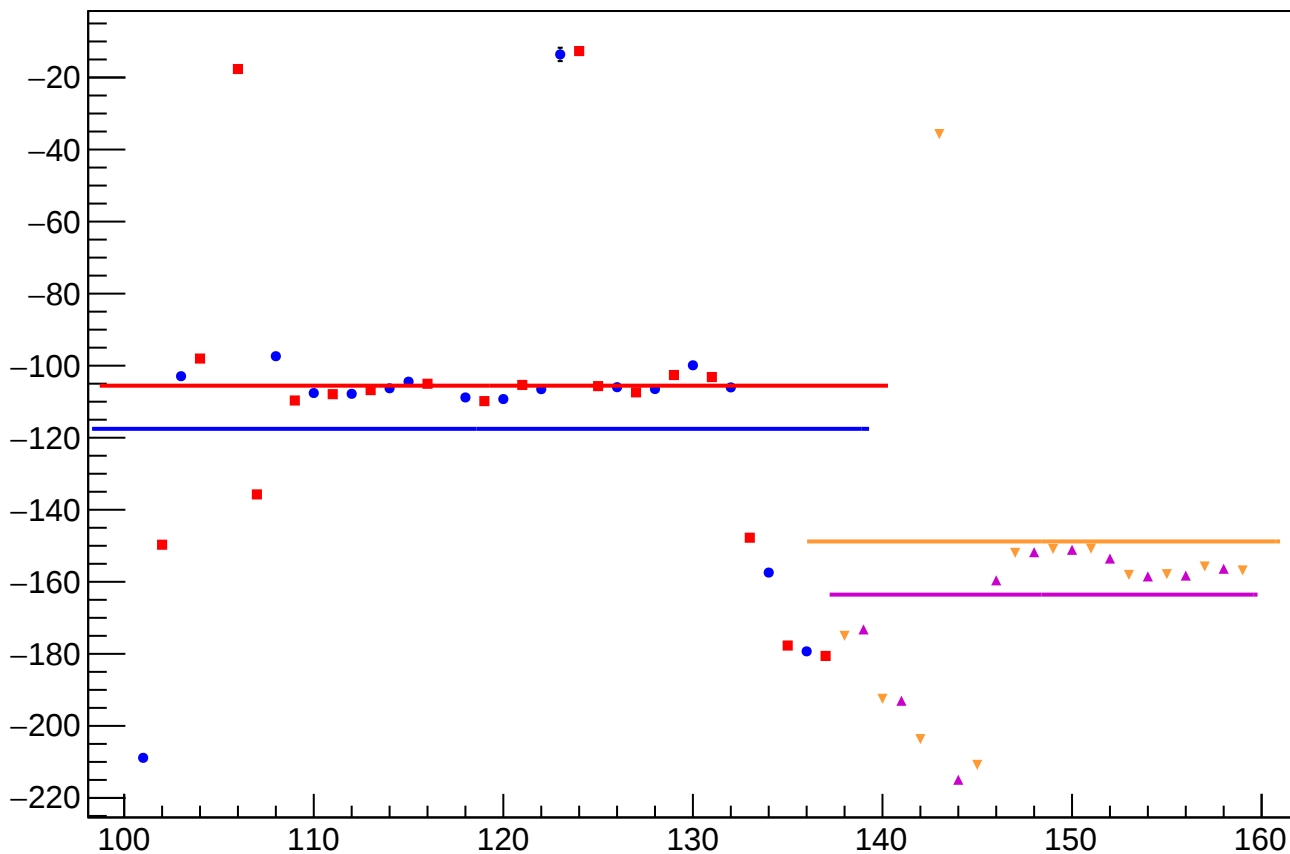
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/34$

In: 48.291 ± 0.965 $\chi^2/\text{NDF}: 797.5/26$

Out: 43.093 ± 0.921 $\chi^2/\text{NDF}: 944.3/29$

All: 45.570 ± 0.666 $\chi^2/\text{NDF}: 1757.0/56$

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: -148.798+/-0.069 χ^2/NDF : 452710.3/11

Right Out: -105.555+/-0.073 χ^2/NDF : 317428.5/17

Left In: -163.557+/-0.073 χ^2/NDF : 56589.5/9

Left: -155.812+/-0.050 χ^2/NDF : 530922.2/21

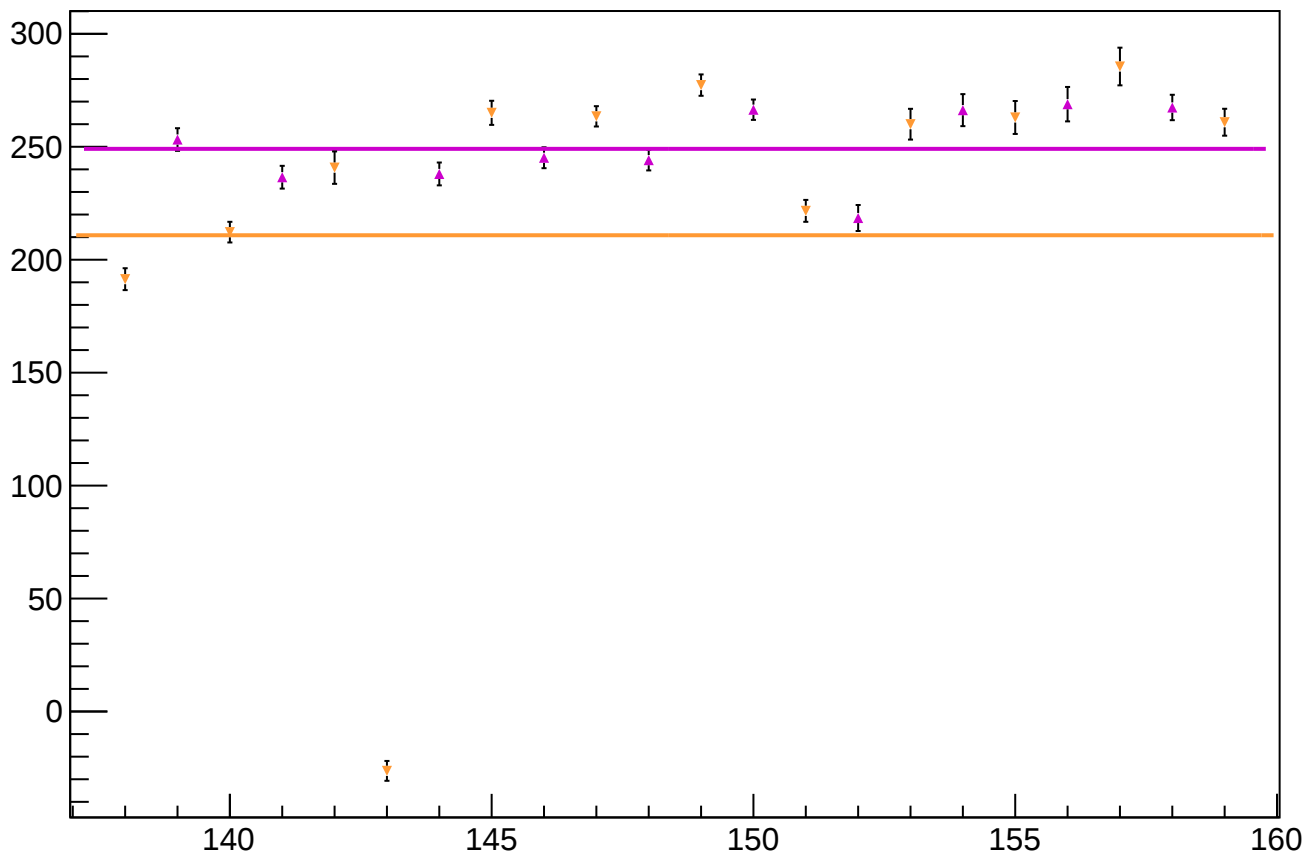
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -142.195+/-0.053 χ^2/NDF : 384598.3/26

Out: -128.296+/-0.050 χ^2/NDF : 955328.0/29

All: -134.837+/-0.037 χ^2/NDF : 1376032.5/56

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: 210.832+/-1.550 χ^2/NDF :3640.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 249.084+/-1.663 χ^2/NDF :79.9/9

Left: 228.608+/-1.134 χ^2/NDF : 4003.6/21

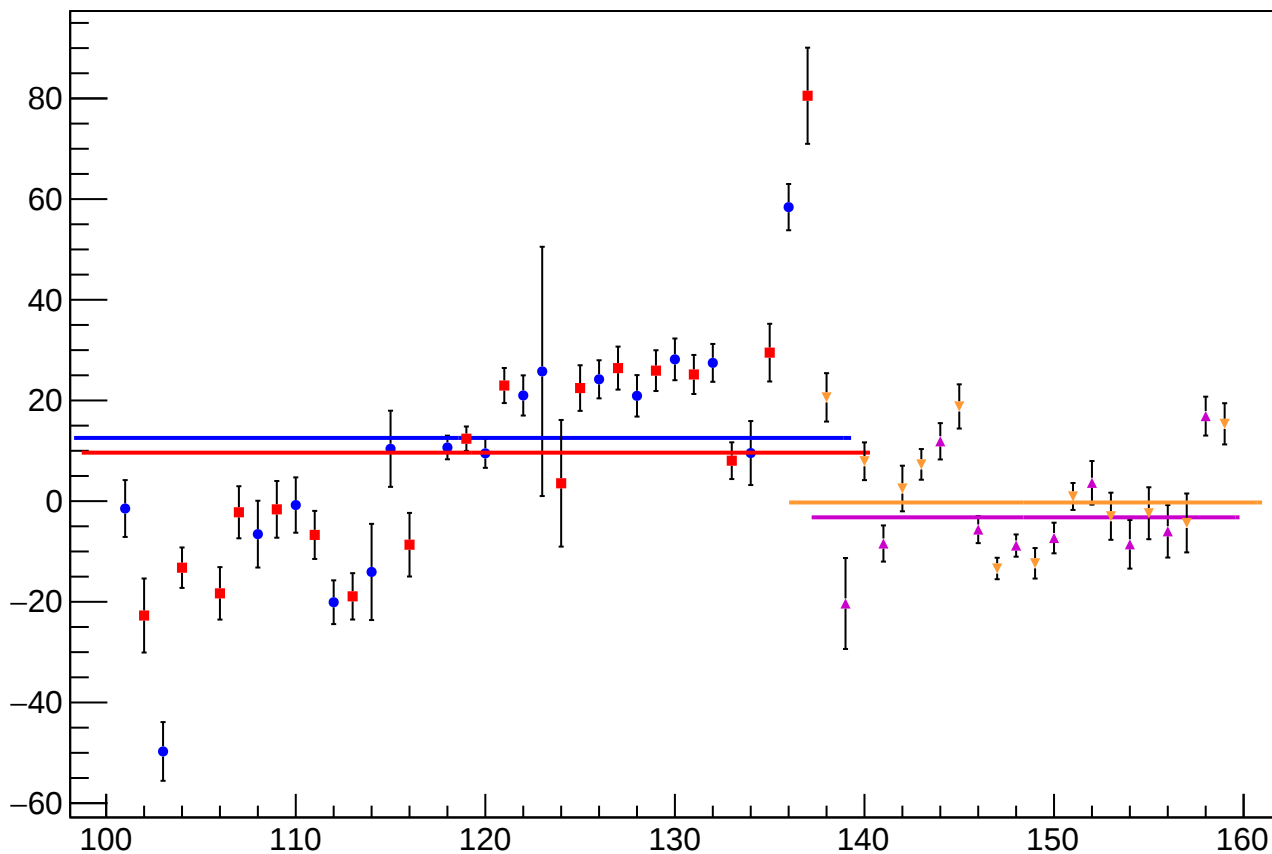
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.084+/-1.663 χ^2/NDF :79.9/9

Out: 210.832+/-1.550 χ^2/NDF :3640.6/11

All: 228.608+/-1.134 χ^2/NDF : 4003.6/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559+/-1.057 χ^2/NDF : 348.6/16

Left Out: -0.265+/-1.019 χ^2/NDF : 118.5/11

Right Out: 9.631+/-1.049 χ^2/NDF : 287.5/17

Left In: -3.215+/-1.106 χ^2/NDF : 63.4/9

Left: -1.619+/-0.749 χ^2/NDF : 185.8/21

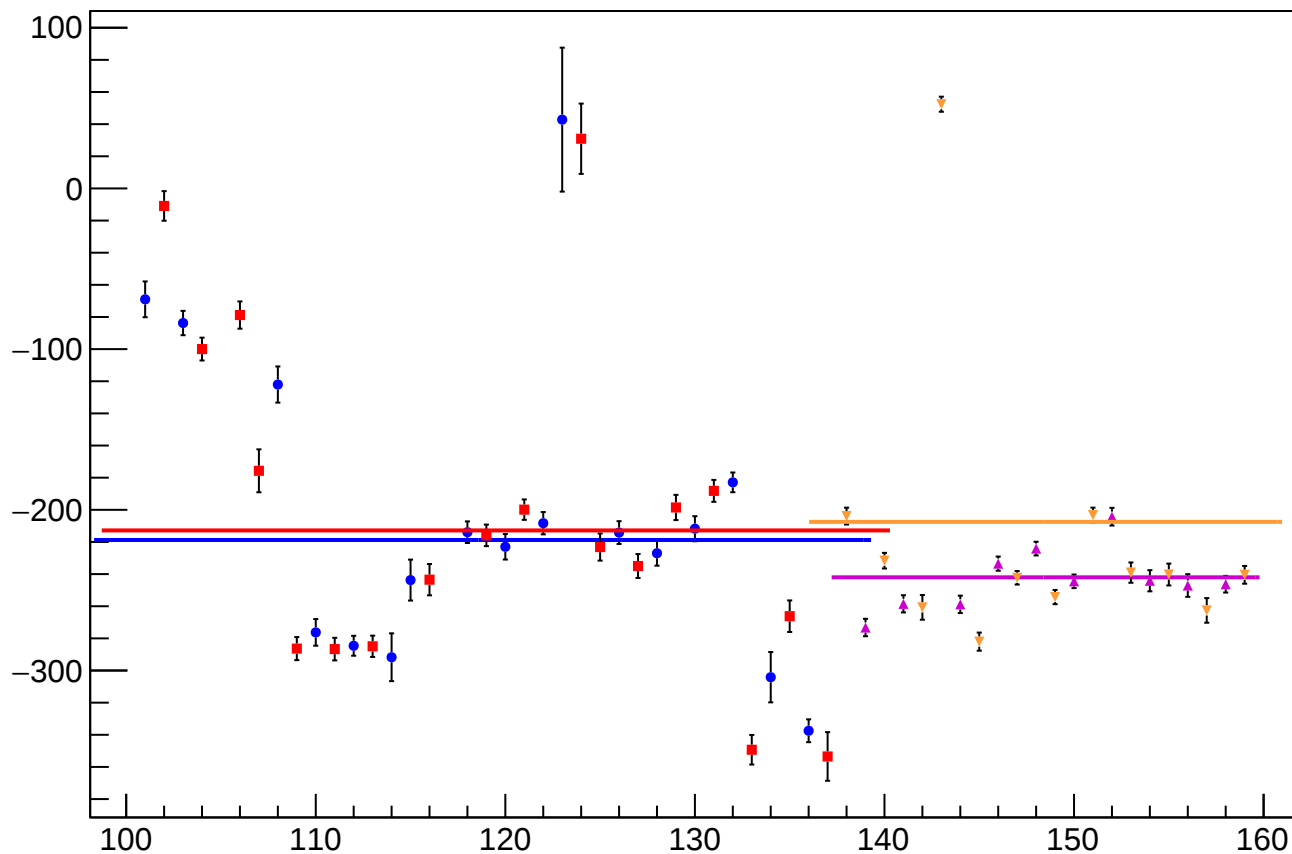
Right: 11.084+/-0.745 χ^2/NDF : 639.9/34

In: 5.029+/-0.764 χ^2/NDF : 518.2/26

Out: 4.538+/-0.731 χ^2/NDF : 451.8/29

All: 4.772+/-0.528 χ^2/NDF : 970.2/56

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -218.770 ± 2.010 $\chi^2/\text{NDF}: 1144.4/16$

Left Out: -207.482 ± 1.537 $\chi^2/\text{NDF}: 3638.1/11$

Right Out: -212.817 ± 1.926 $\chi^2/\text{NDF}: 1824.5/17$

Left In: -242.010 ± 1.626 $\chi^2/\text{NDF}: 122.1/9$

Left: -223.777 ± 1.117 $\chi^2/\text{NDF}: 3998.3/21$

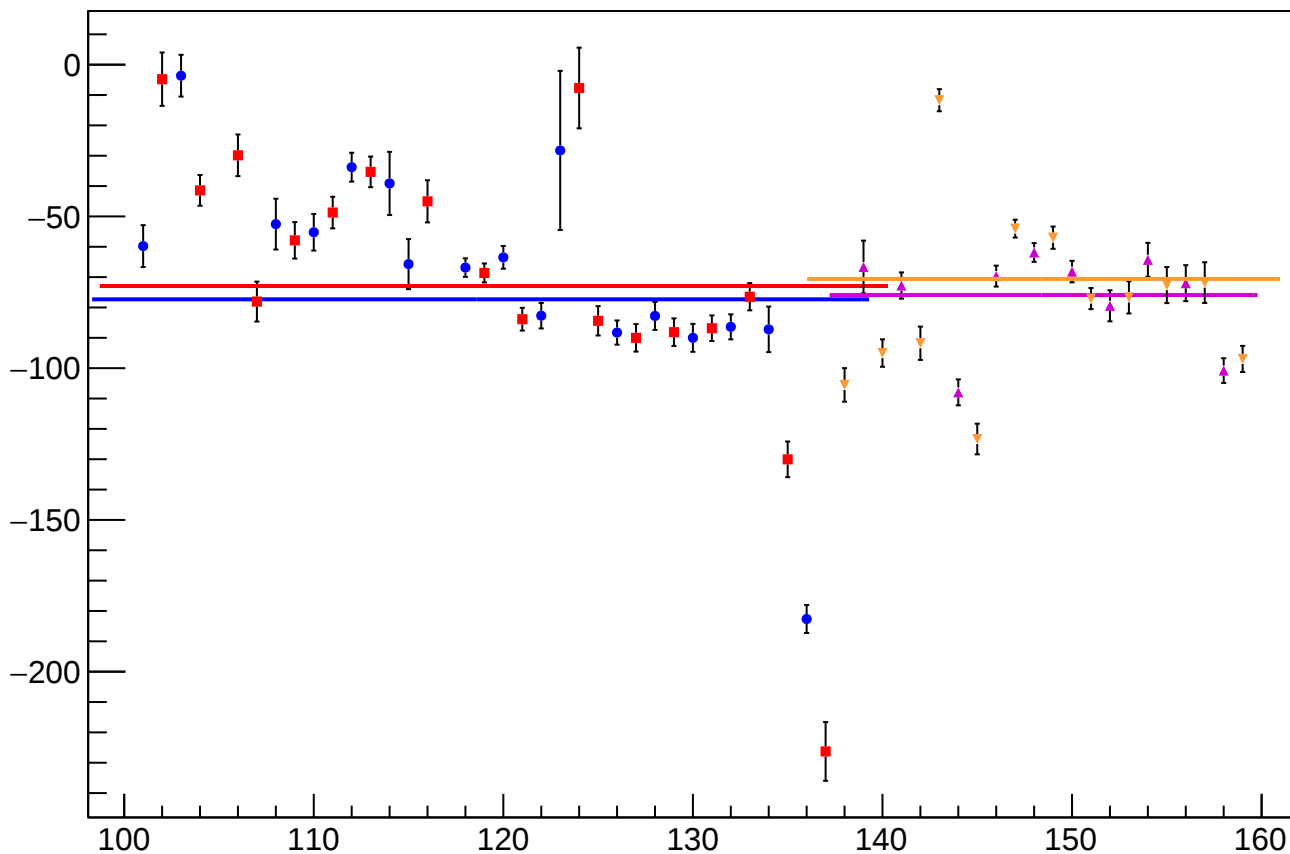
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -232.820 ± 1.264 $\chi^2/\text{NDF}: 1347.3/26$

Out: -209.557 ± 1.201 $\chi^2/\text{NDF}: 5467.3/29$

All: -220.597 ± 0.871 $\chi^2/\text{NDF}: 6992.5/56$

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: -70.596 ± 1.248 χ^2/NDF : 542.6/11

Right Out: -72.922 ± 1.208 χ^2/NDF : 660.8/17

Left In: -75.910 ± 1.349 χ^2/NDF : 129.1/9

Left: -73.046 ± 0.916 χ^2/NDF : 680.0/21

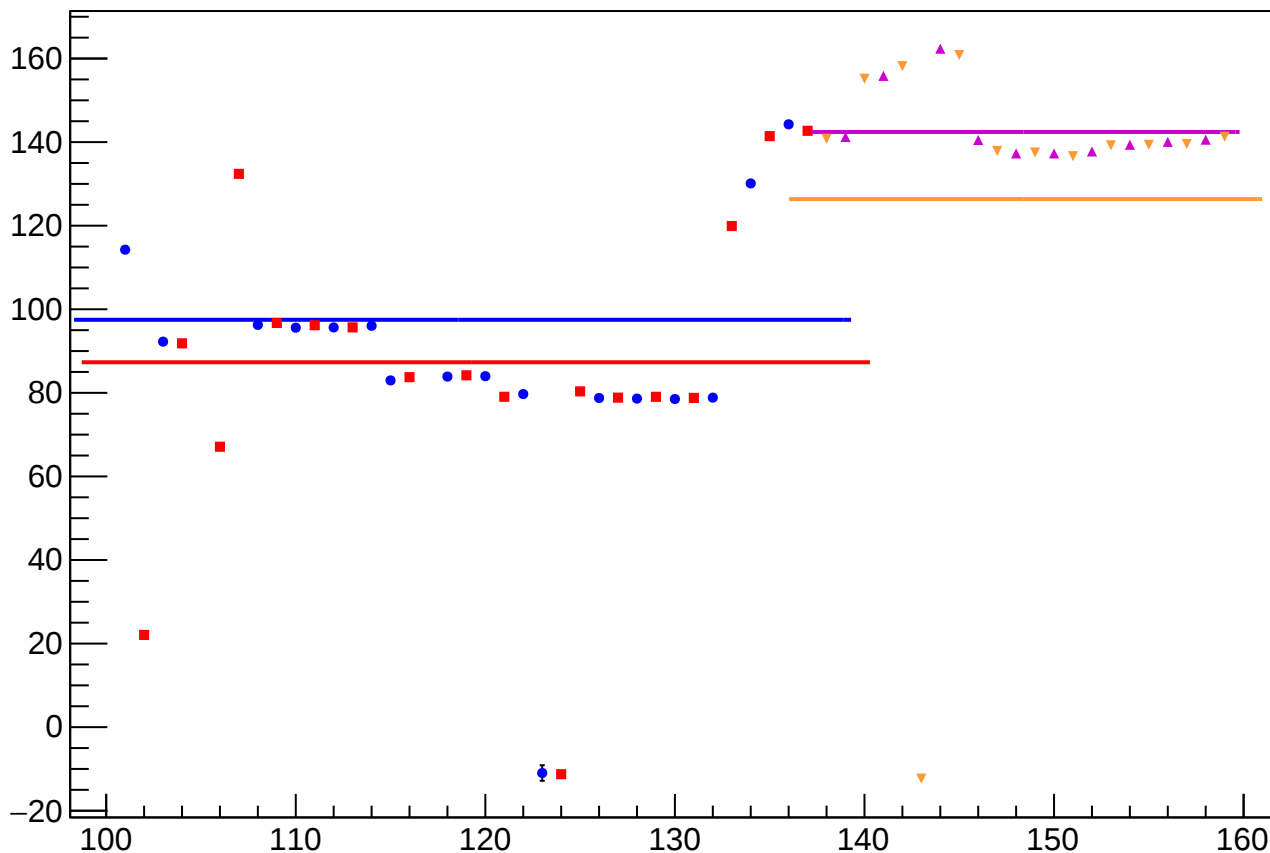
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.684 ± 0.906 χ^2/NDF : 947.4/26

Out: -71.797 ± 0.868 χ^2/NDF : 1205.2/29

All: -74.136 ± 0.627 χ^2/NDF : 2167.7/56

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: 126.364+/-0.062 χ^2/NDF : 624684.9/11

Right Out: 87.318+/-0.068 χ^2/NDF : 221863.6/17

Left In: 142.427+/-0.065 χ^2/NDF : 13501.8/9

Left: 134.047+/-0.045 χ^2/NDF : 670214.7/21

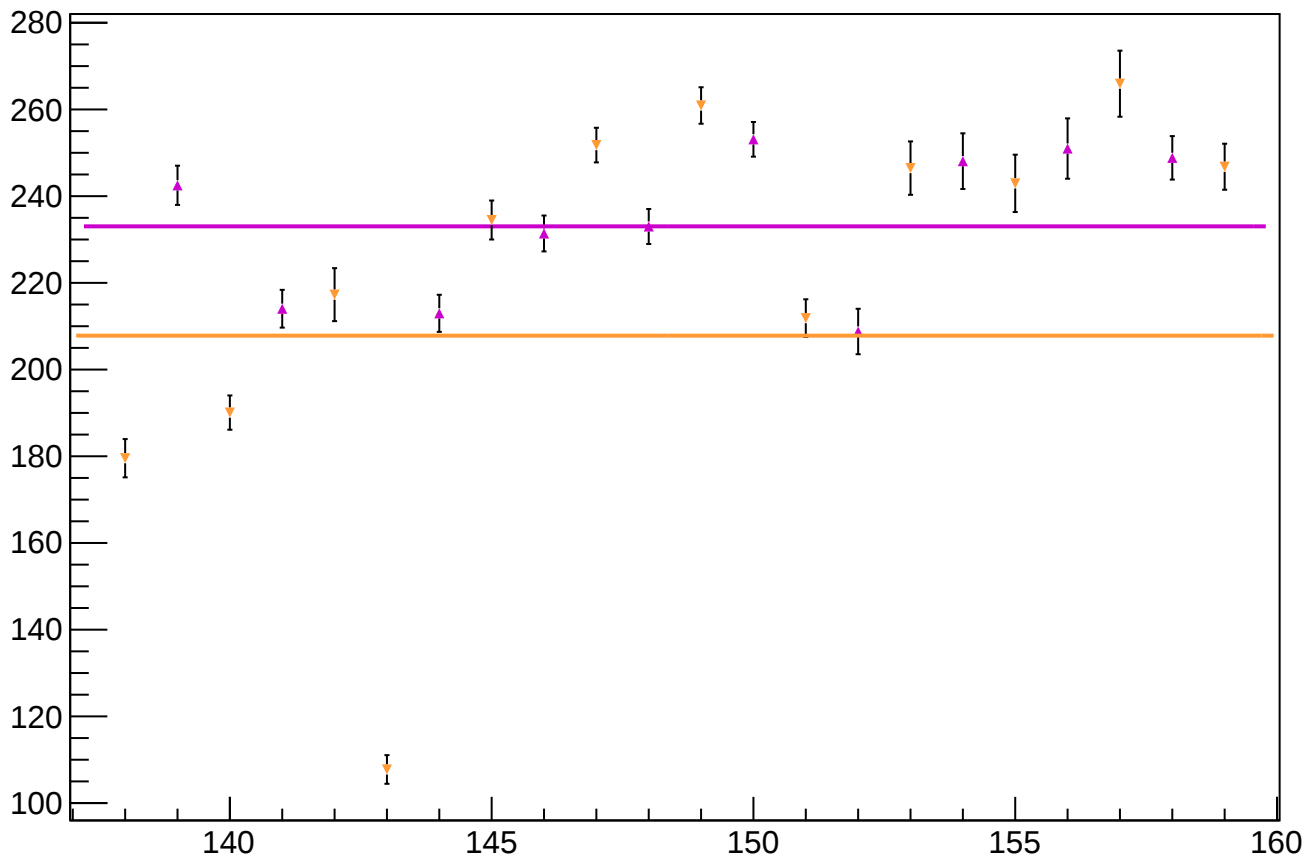
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 122.721+/-0.049 χ^2/NDF : 318634.6/26

Out: 108.713+/-0.046 χ^2/NDF : 1025417.1/29

All: 115.328+/-0.033 χ^2/NDF : 1387940.5/56

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: 207.826+/-1.340 χ^2/NDF :1475.4/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 233.038+/-1.475 χ^2/NDF :114.2/9

Left: 219.223+/-0.992 χ^2/NDF : 1749.7/21

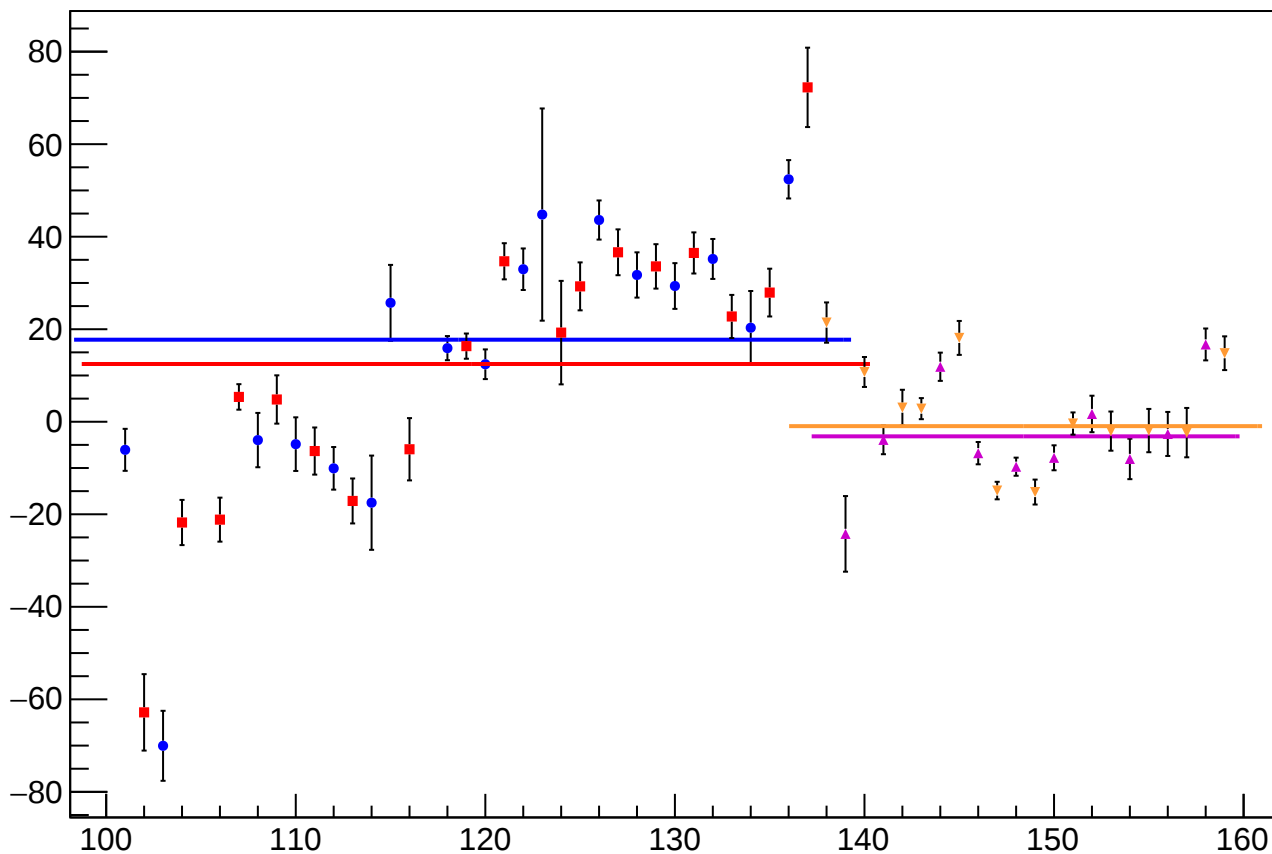
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.038+/-1.475 χ^2/NDF :114.2/9

Out: 207.826+/-1.340 χ^2/NDF :1475.4/11

All: 219.223+/-0.992 χ^2/NDF : 1749.7/21

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: -0.949 ± 0.882 $\chi^2/\text{NDF}: 171.3/11$

Right Out: 12.484 ± 1.085 $\chi^2/\text{NDF}: 429.2/17$

Left In: -3.154 ± 0.980 $\chi^2/\text{NDF}: 83.5/9$

Left: -1.936 ± 0.656 $\chi^2/\text{NDF}: 257.6/21$

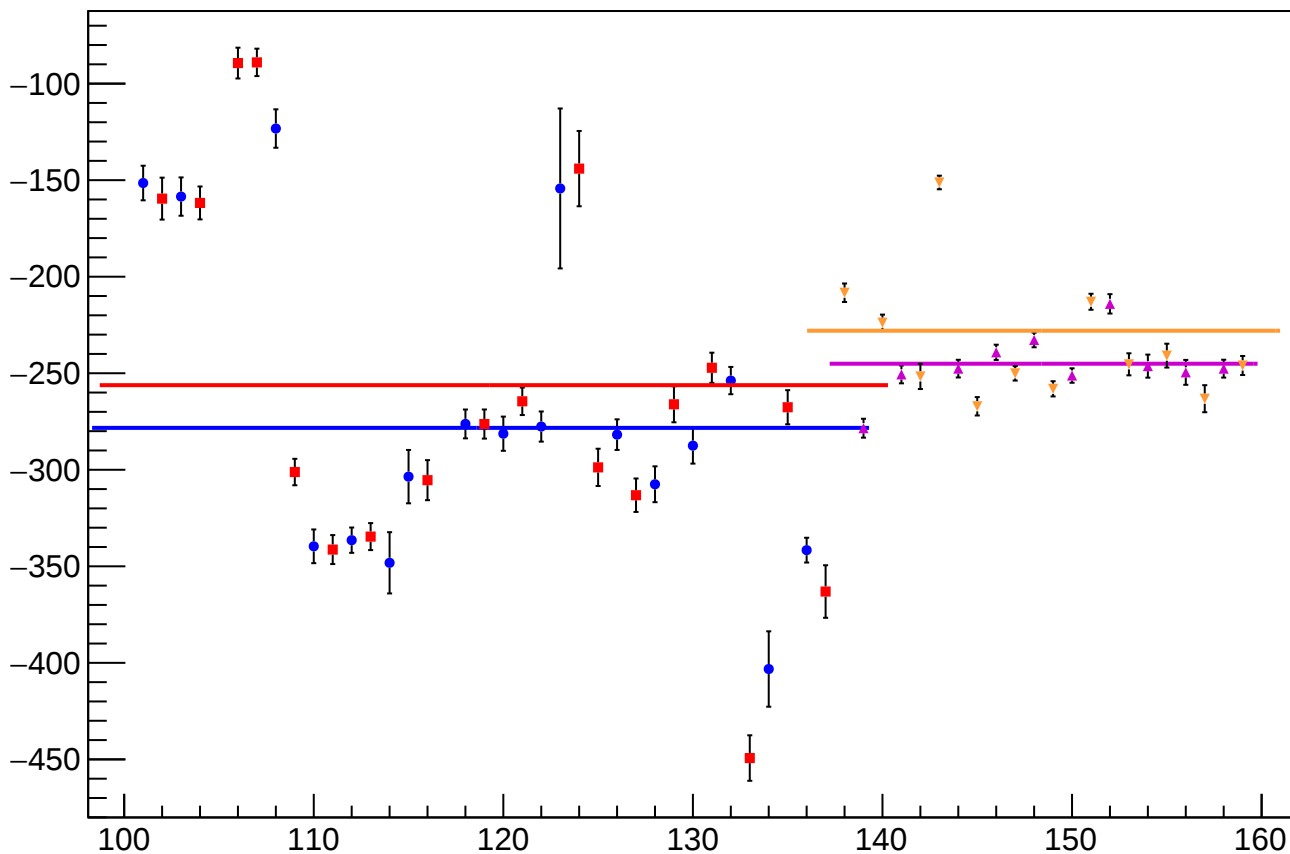
Right: 14.961 ± 0.789 $\chi^2/\text{NDF}: 834.2/34$

In: 5.648 ± 0.746 $\chi^2/\text{NDF}: 668.9/26$

Out: 4.397 ± 0.685 $\chi^2/\text{NDF}: 692.8/29$

All: 4.969 ± 0.504 $\chi^2/\text{NDF}: 1363.2/56$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 $\pm$ 2.172 χ^2 /NDF: 910.0/16

Left Out: -227.980 $\pm$ 1.335 χ^2 /NDF:731.7/11

Right Out: -256.177 $\pm$ 2.025 χ^2 /NDF: 1952.2/17

Left In: -245.072 $\pm$ 1.444 χ^2 /NDF:102.7/9

Left: -235.857 $\pm$ 0.980 χ^2 /NDF: 909.9/21

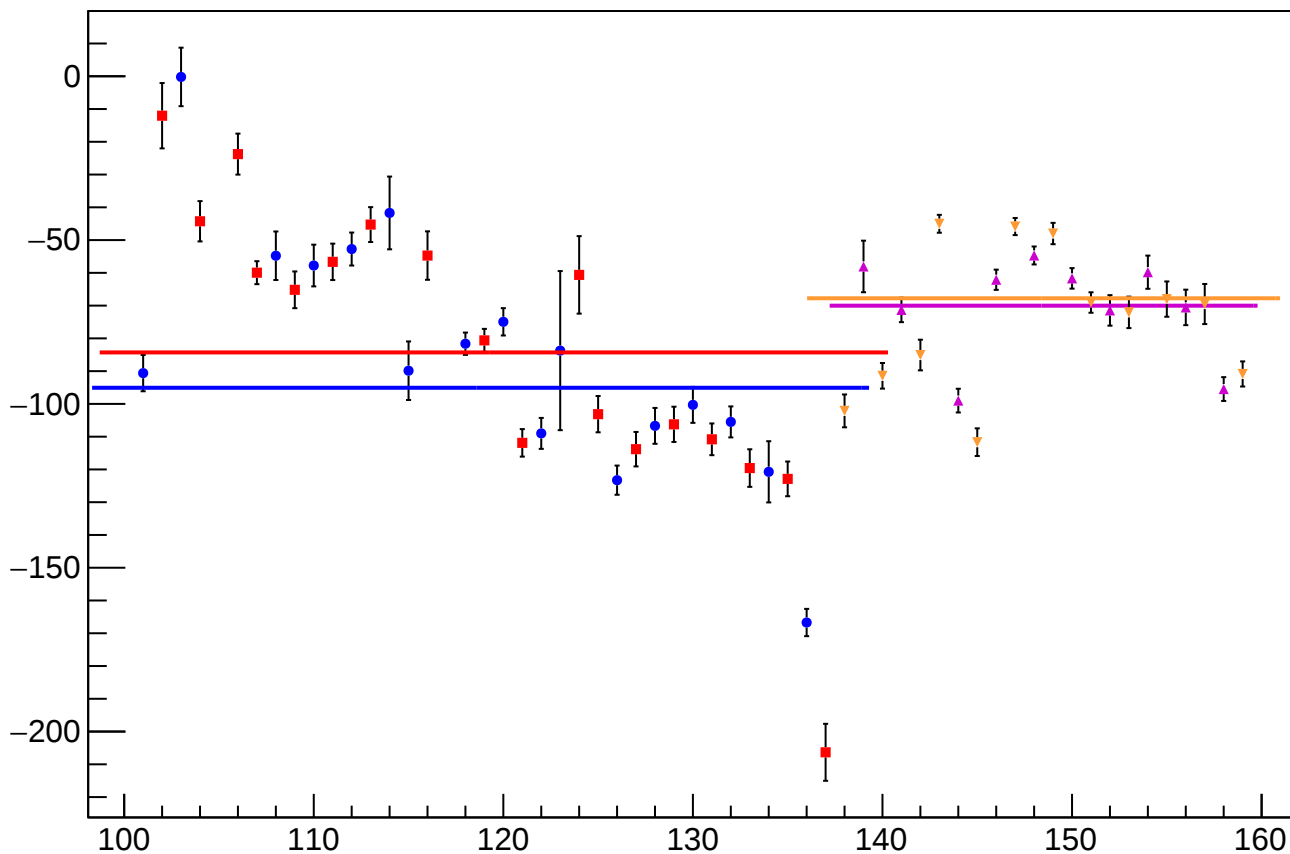
Right: -266.460 $\pm$ 1.481 χ^2 /NDF: 2917.6/34

In: -255.254 $\pm$ 1.203 χ^2 /NDF:1174.9/26

Out: -236.523 $\pm$ 1.115 χ^2 /NDF:2819.1/29

All: -245.179 $\pm$ 0.817 χ^2 /NDF: 4124.4/56

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 χ^2/NDF : 673.2/16

Left Out: -67.758 ± 1.080 χ^2/NDF : 419.4/11

Right Out: -84.290 ± 1.258 χ^2/NDF : 768.8/17

Left In: -70.023 ± 1.196 χ^2/NDF : 164.7/9

Left: -68.776 ± 0.801 χ^2/NDF : 586.1/21

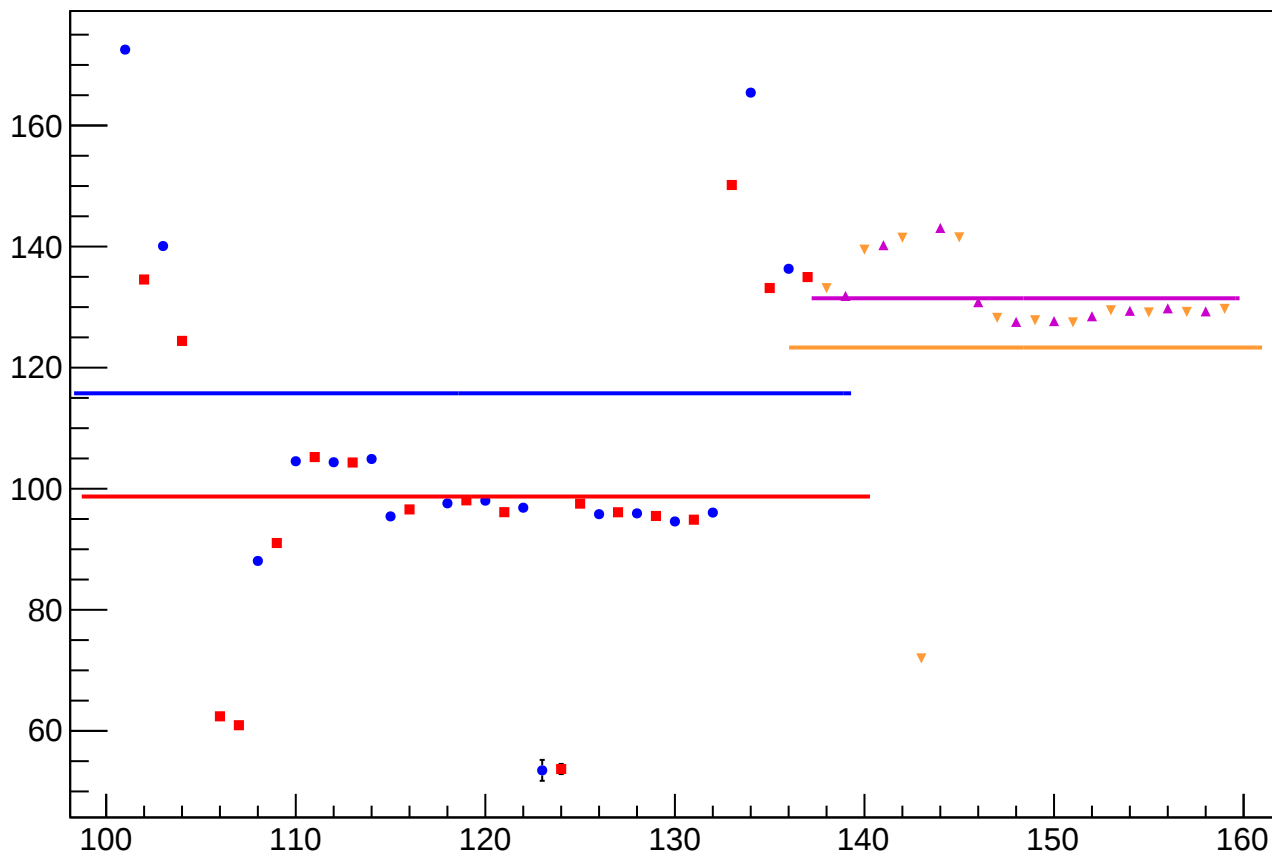
Right: -89.402 ± 0.913 χ^2/NDF : 1476.8/34

In: -81.265 ± 0.888 χ^2/NDF : 1034.9/26

Out: -74.770 ± 0.820 χ^2/NDF : 1287.6/29

All: -77.758 ± 0.602 χ^2/NDF : 2351.4/56

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 115.763 $\pm$ 0.078 χ^2 /NDF: 106297.4/16

Left Out: 123.323 $\pm$ 0.054 χ^2 /NDF: 161176.9/11

Right Out: 98.713 $\pm$ 0.069 χ^2 /NDF: 170183.8/17

Left In: 131.459 $\pm$ 0.058 χ^2 /NDF: 7272.0/9

Left: 127.121 $\pm$ 0.039 χ^2 /NDF: 179045.9/21

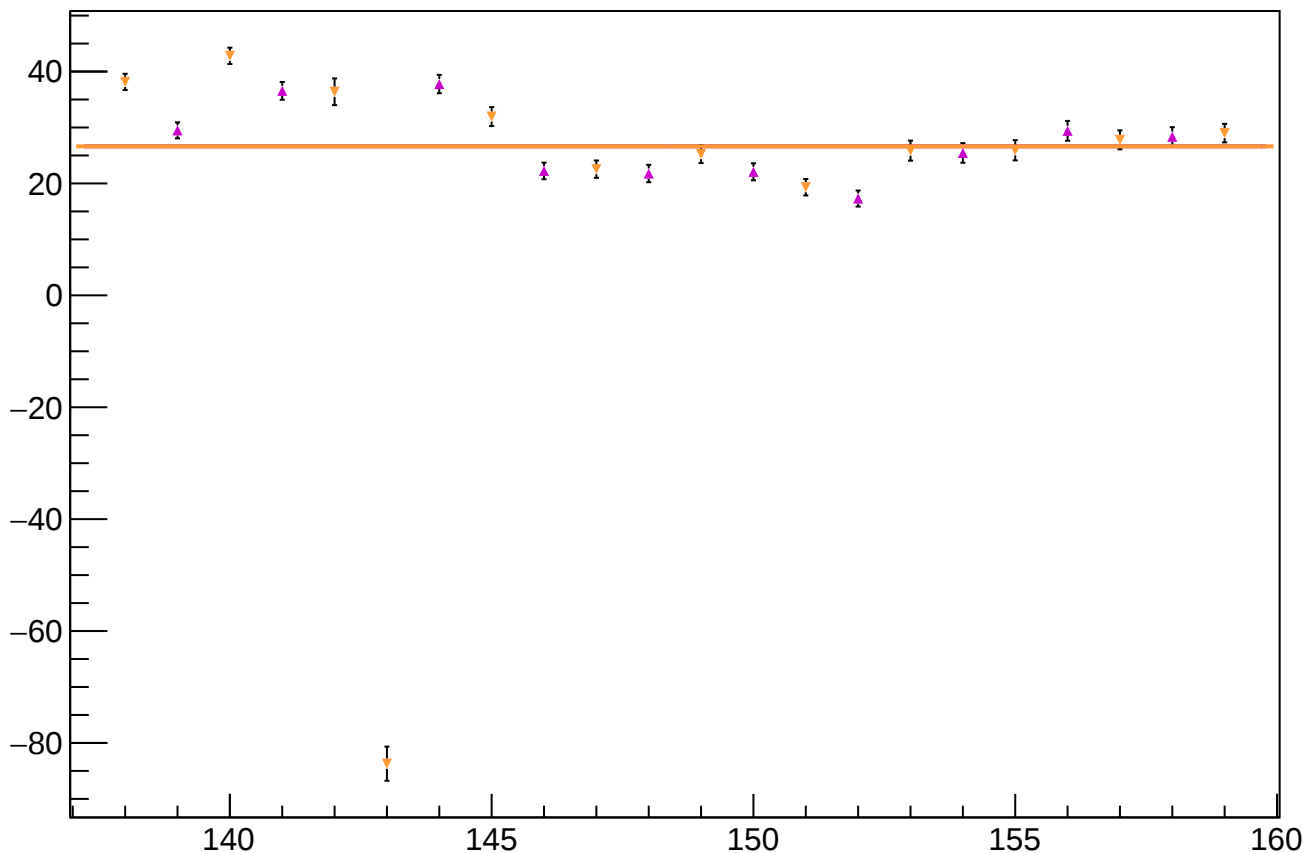
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.914 $\pm$ 0.046 χ^2 /NDF: 139701.2/26

Out: 113.925 $\pm$ 0.042 χ^2 /NDF: 410655.4/29

All: 119.387 $\pm$ 0.031 χ^2 /NDF: 586679.7/56

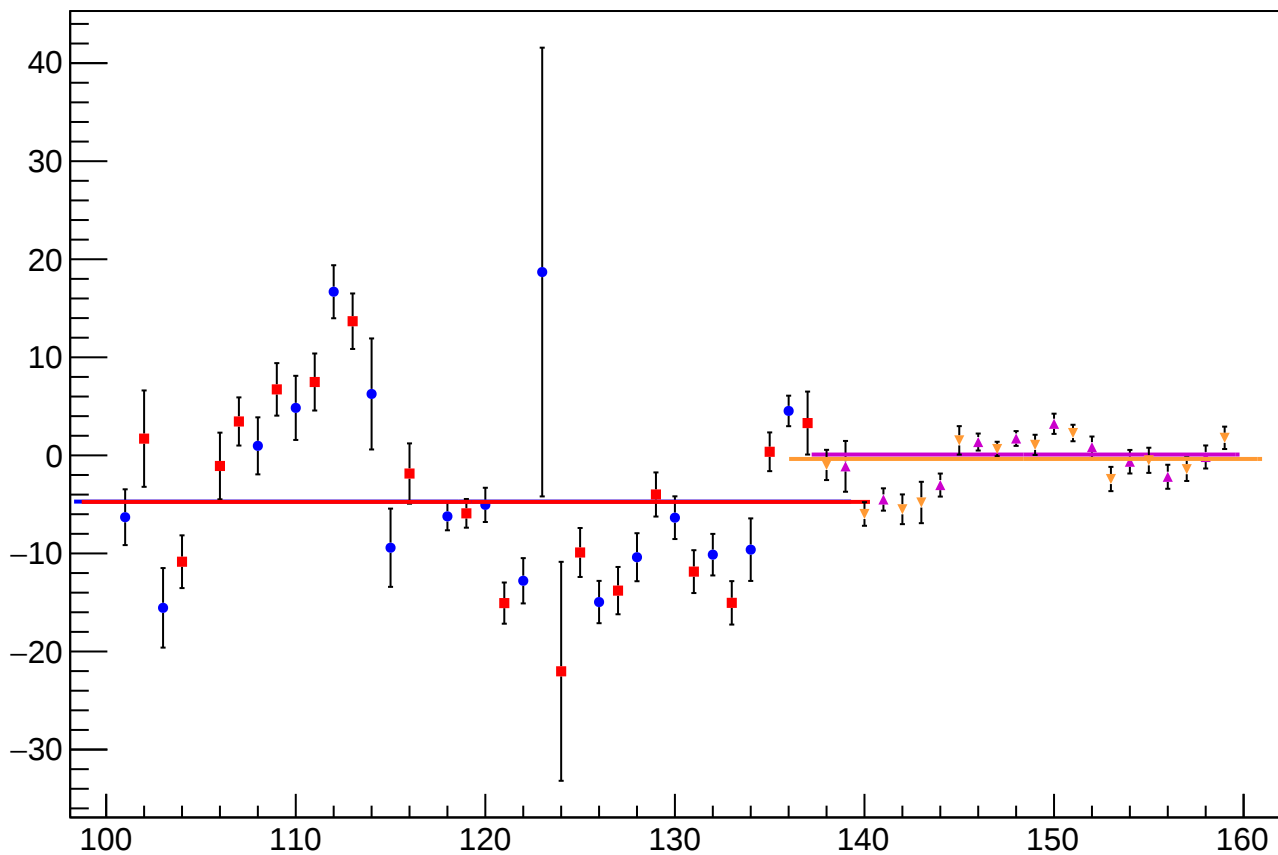
reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



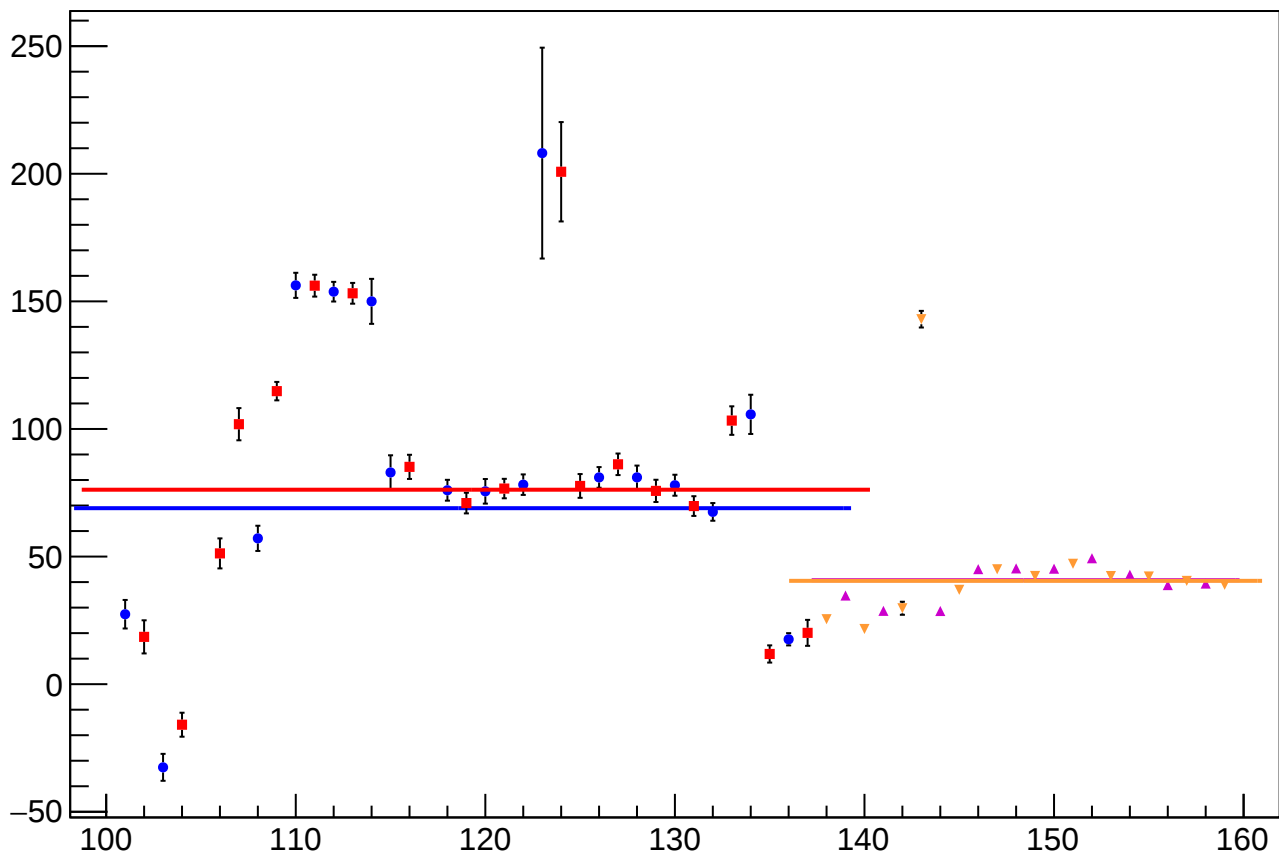
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 26.633 $\pm$ 0.490 χ^2 /NDF:1551.6/11
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 26.642 $\pm$ 0.498 χ^2 /NDF:162.6/9

Left: 26.637 $\pm$ 0.349 χ^2 /NDF: 1714.2/21
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 26.642 $\pm$ 0.498 χ^2 /NDF:162.6/9
 Out: 26.633 $\pm$ 0.490 χ^2 /NDF:1551.6/11
 All: 26.637 $\pm$ 0.349 χ^2 /NDF: 1714.2/21

reg_asym_atl_dd_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960 ± 1.079 $\chi^2/\text{NDF}: 1844.0/16$

Left Out: 40.493 ± 0.479 $\chi^2/\text{NDF}: 1286.9/11$

Right Out: 76.199 ± 1.071 $\chi^2/\text{NDF}: 1881.0/17$

Left In: 40.753 ± 0.486 $\chi^2/\text{NDF}: 185.1/9$

Left: 40.621 ± 0.341 $\chi^2/\text{NDF}: 1472.2/21$

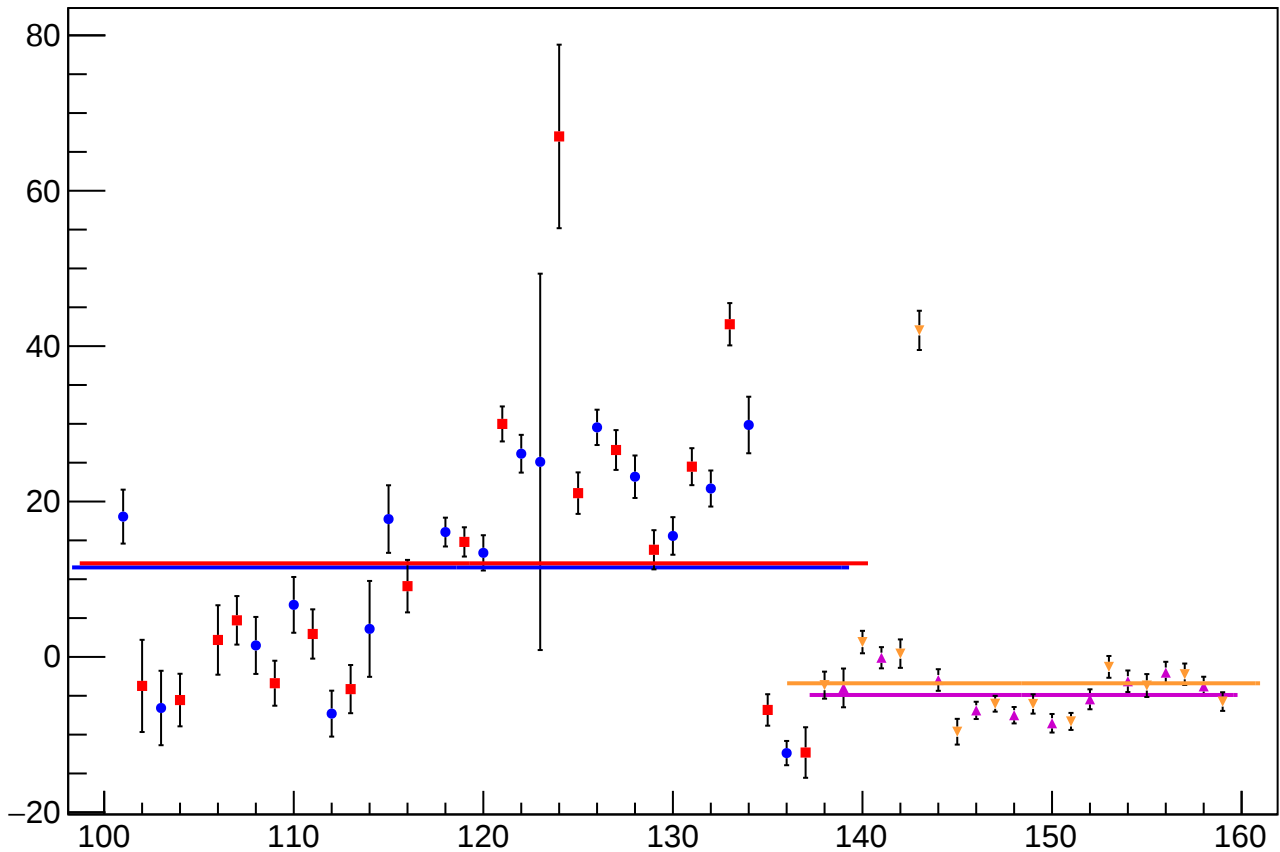
Right: 72.606 ± 0.760 $\chi^2/\text{NDF}: 3747.6/34$

In: 45.514 ± 0.443 $\chi^2/\text{NDF}: 2597.3/26$

Out: 46.449 ± 0.437 $\chi^2/\text{NDF}: 4094.0/29$

All: 45.987 ± 0.311 $\chi^2/\text{NDF}: 6693.5/56$

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: -3.394 ± 0.399 $\chi^2/\text{NDF}: 393.8/11$

Right Out: 12.046 ± 0.665 $\chi^2/\text{NDF}: 538.7/17$

Left In: -4.897 ± 0.411 $\chi^2/\text{NDF}: 39.8/9$

Left: -4.124 ± 0.286 $\chi^2/\text{NDF}: 440.6/21$

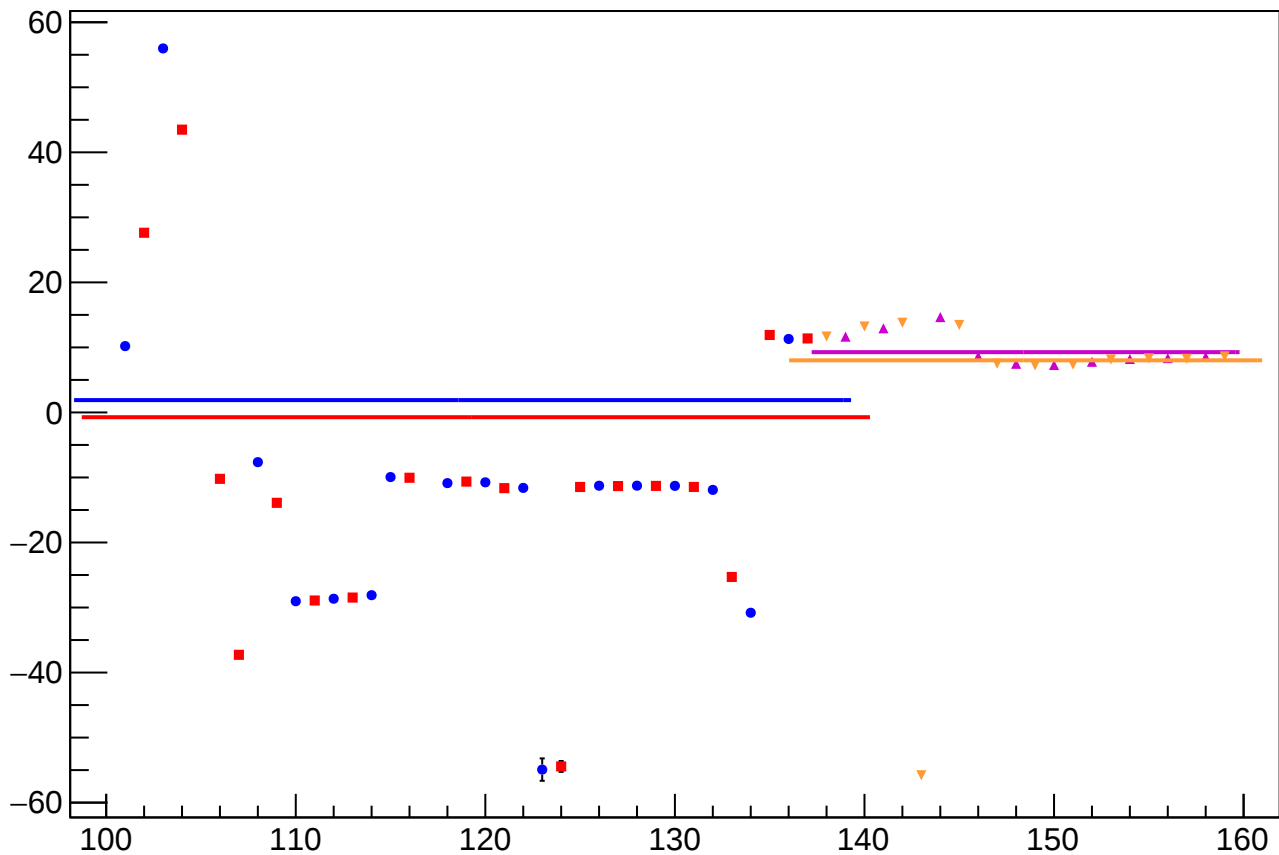
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.308 ± 0.349 $\chi^2/\text{NDF}: 963.2/26$

Out: 0.703 ± 0.342 $\chi^2/\text{NDF}: 1329.2/29$

All: 0.207 ± 0.244 $\chi^2/\text{NDF}: 2296.6/56$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 $\pm$ 0.037 χ^2/NDF : 358855.7/16

Left Out: 8.014 $\pm$ 0.019 χ^2/NDF :256452.0/11

Right Out: -0.733 $\pm$ 0.037 χ^2/NDF : 359934.4/17

Left In: 9.271 $\pm$ 0.019 χ^2/NDF :13243.6/9

Left: 8.635 $\pm$ 0.013 χ^2/NDF : 271911.5/21

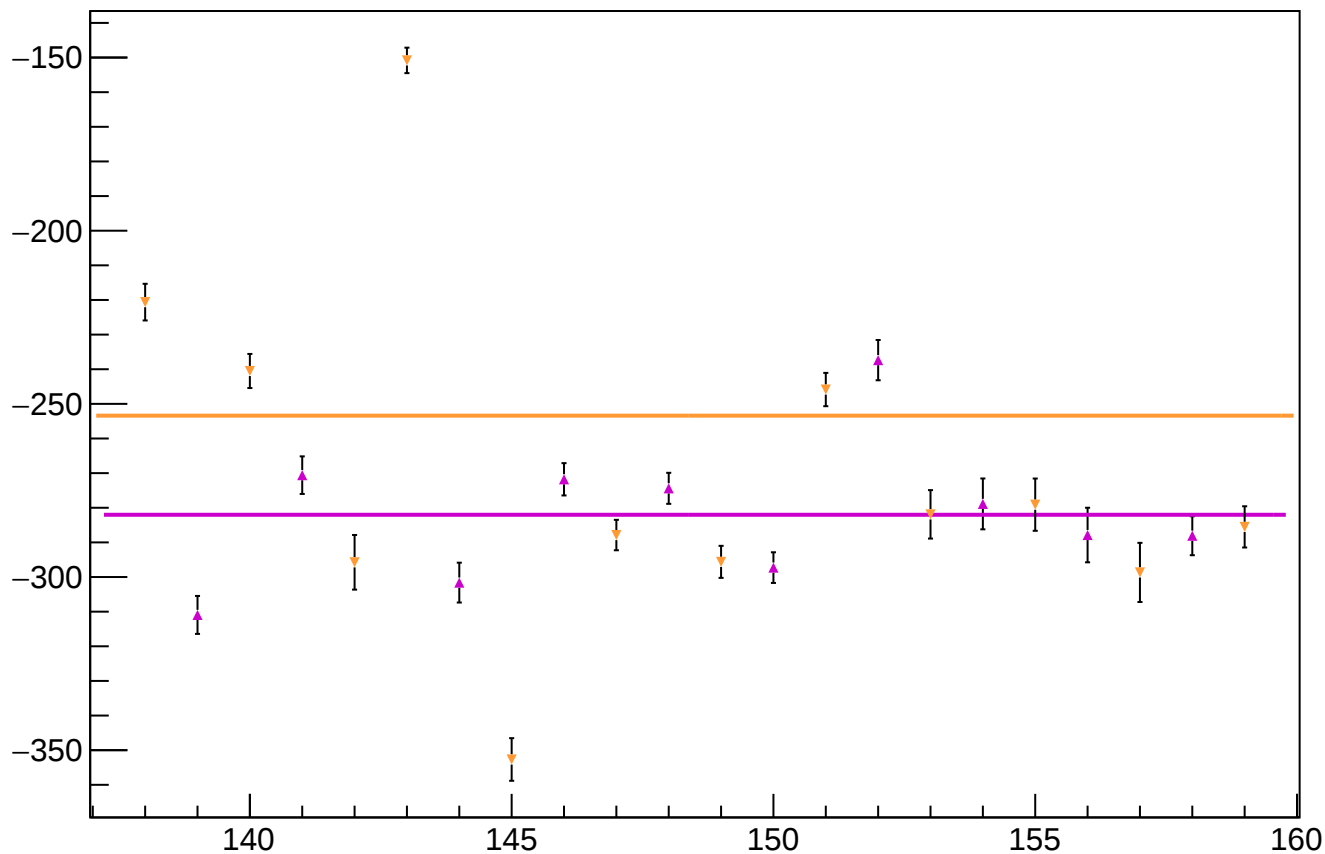
Right: 0.584 $\pm$ 0.026 χ^2/NDF : 721303.3/34

In: 7.735 $\pm$ 0.017 χ^2/NDF :403484.2/26

Out: 6.233 $\pm$ 0.017 χ^2/NDF :660617.3/29

All: 6.977 $\pm$ 0.012 χ^2/NDF : 1068089.9/56

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: -253.406+/-1.552 χ^2/NDF :1345.6/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -282.026+/-1.715 χ^2/NDF :124.3/9

Left: -266.295+/-1.151 χ^2/NDF : 1623.0/21

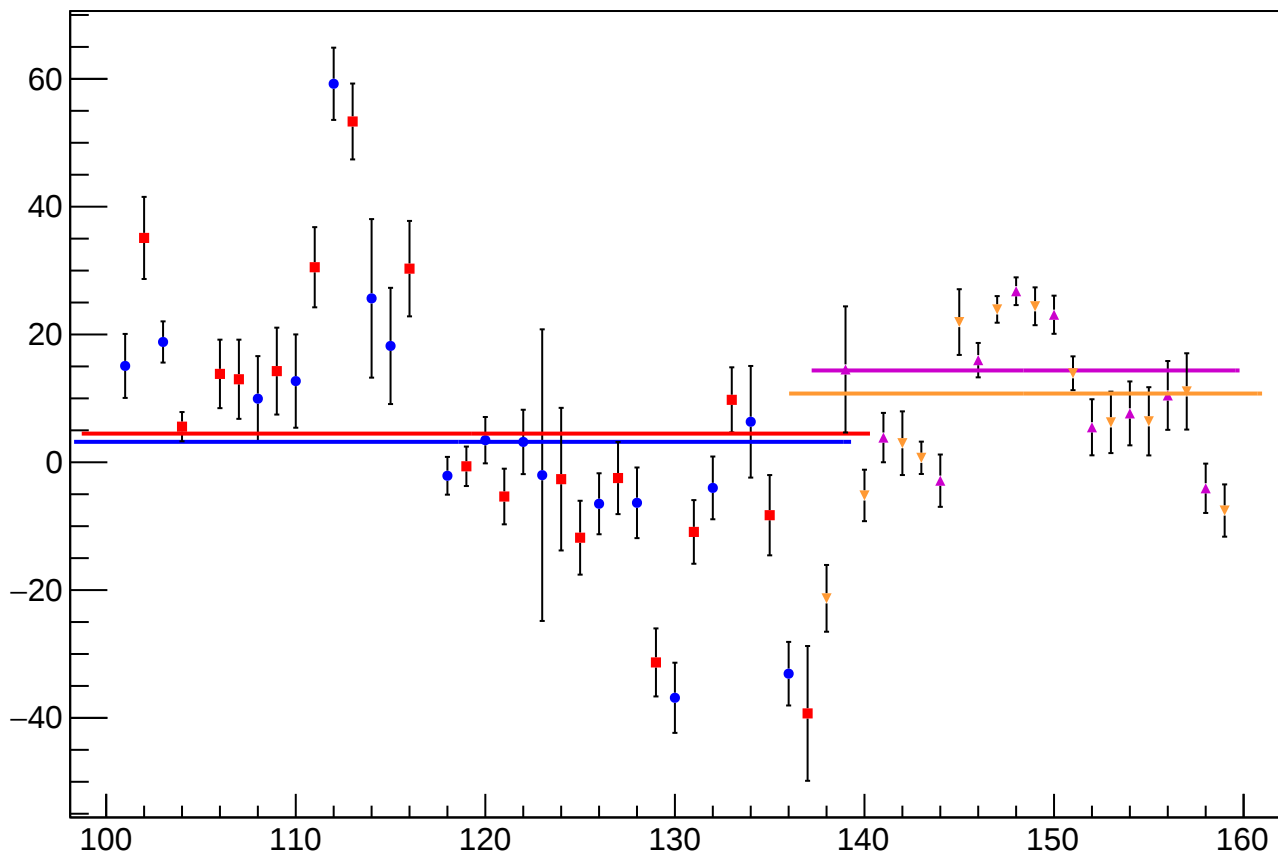
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.026+/-1.715 χ^2/NDF :124.3/9

Out: -253.406+/-1.552 χ^2/NDF :1345.6/11

All: -266.295+/-1.151 χ^2/NDF : 1623.0/21

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: 10.757 ± 1.007 χ^2/NDF : 160.5/11

Right Out: 4.489 ± 1.159 χ^2/NDF : 221.8/17

Left In: 14.370 ± 1.123 χ^2/NDF : 95.9/9

Left: 12.367 ± 0.750 χ^2/NDF : 262.2/21

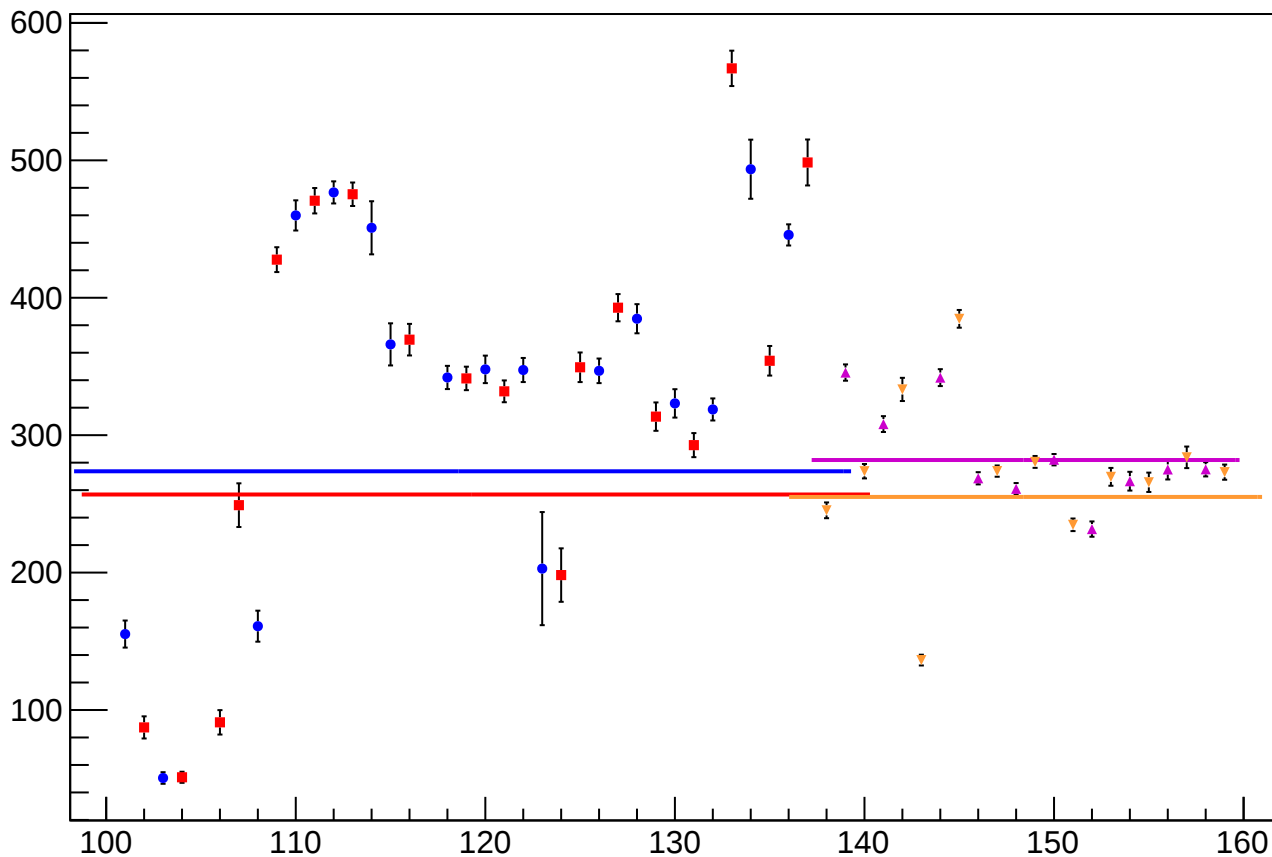
Right: 3.881 ± 0.843 χ^2/NDF : 477.5/34

In: 9.280 ± 0.828 χ^2/NDF : 396.2/26

Out: 8.060 ± 0.760 χ^2/NDF : 399.0/29

All: 8.617 ± 0.560 χ^2/NDF : 796.3/56

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.717 $\pm$ 2.195 χ^2 /NDF: 5103.3/16

Left Out: 255.058 $\pm$ 1.537 χ^2 /NDF:1528.5/11

Right Out: 256.826 $\pm$ 2.084 χ^2 /NDF: 6411.8/17

Left In: 281.922 $\pm$ 1.667 χ^2 /NDF:353.4/9

Left: 267.402 $\pm$ 1.130 χ^2 /NDF: 2022.3/21

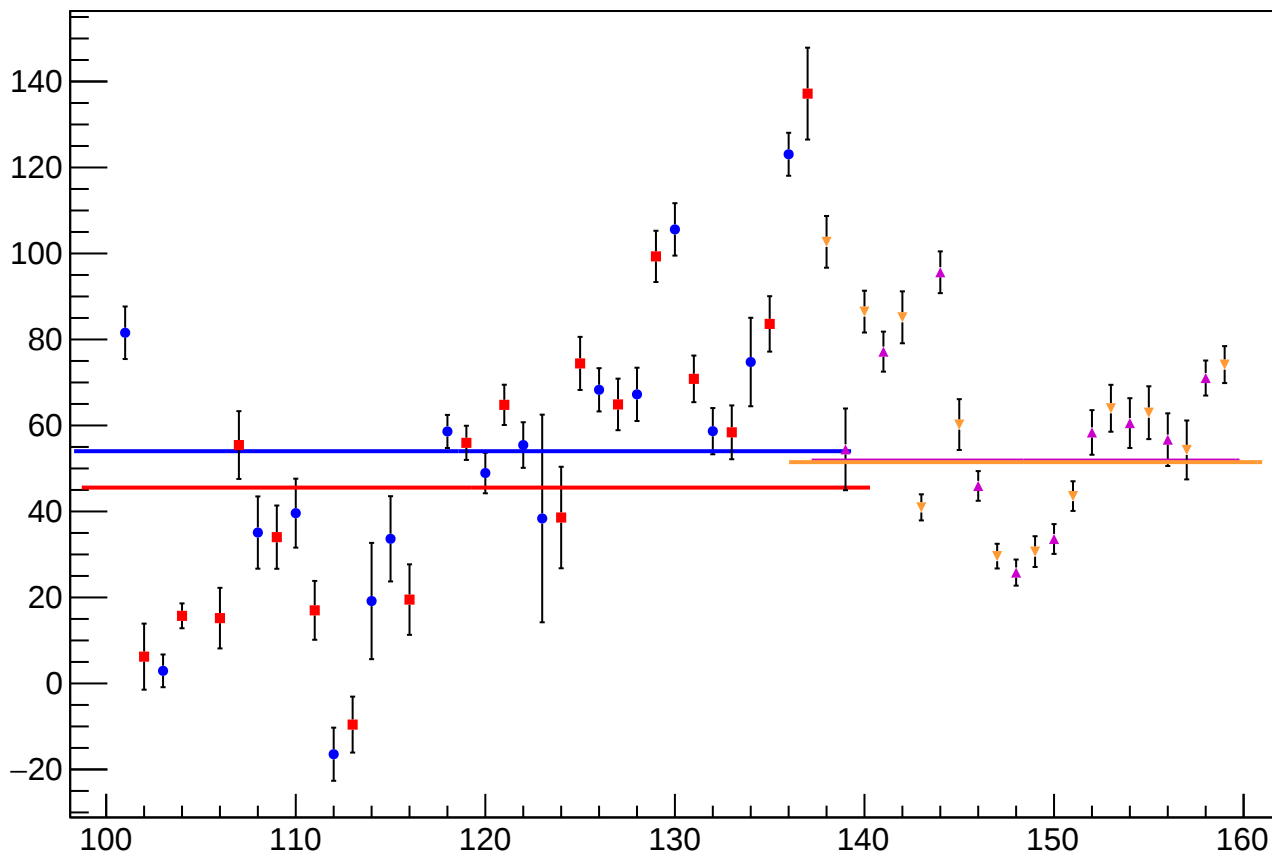
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 278.920 $\pm$ 1.327 χ^2 /NDF:5465.6/26

Out: 255.681 $\pm$ 1.237 χ^2 /NDF:7940.7/29

All: 266.481 $\pm$ 0.905 χ^2 /NDF: 13570.4/56

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: 51.475 $\pm$ 1.237 χ^2 /NDF:303.5/11

Right Out: 45.552 $\pm$ 1.358 χ^2 /NDF: 526.6/17

Left In: 51.840 $\pm$ 1.375 χ^2 /NDF:241.9/9

Left: 51.638 $\pm$ 0.919 χ^2 /NDF: 545.5/21

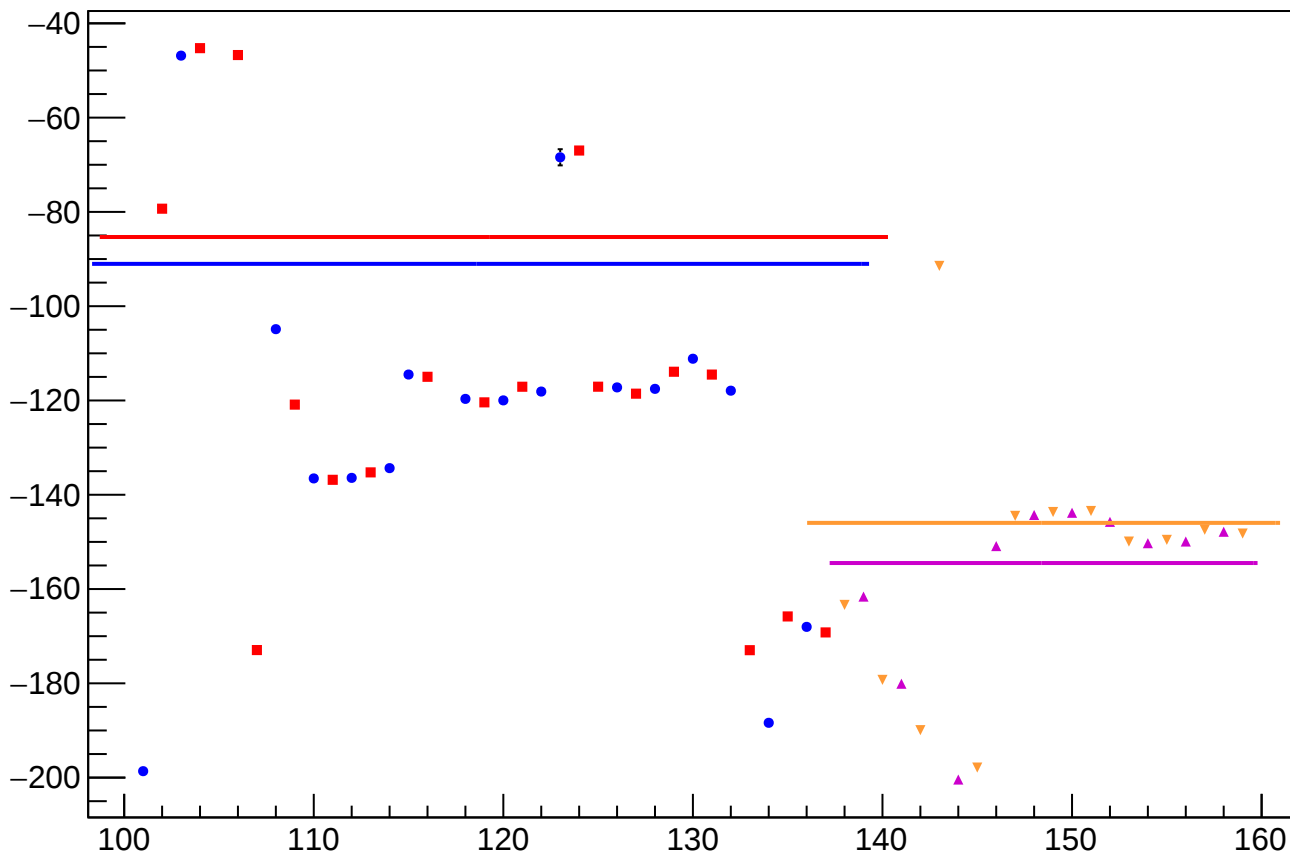
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 52.890 $\pm$ 0.989 χ^2 /NDF:876.0/26

Out: 48.790 $\pm$ 0.915 χ^2 /NDF:840.6/29

All: 50.680 $\pm$ 0.671 χ^2 /NDF: 1725.8/56

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: -145.963 $\pm$ 0.062 χ^2 /NDF: 205458.0/11

Right Out: -85.325 $\pm$ 0.065 χ^2 /NDF: 483106.3/17

Left In: -154.481 $\pm$ 0.067 χ^2 /NDF: 52885.1/9

Left: -149.936 $\pm$ 0.045 χ^2 /NDF: 267068.2/21

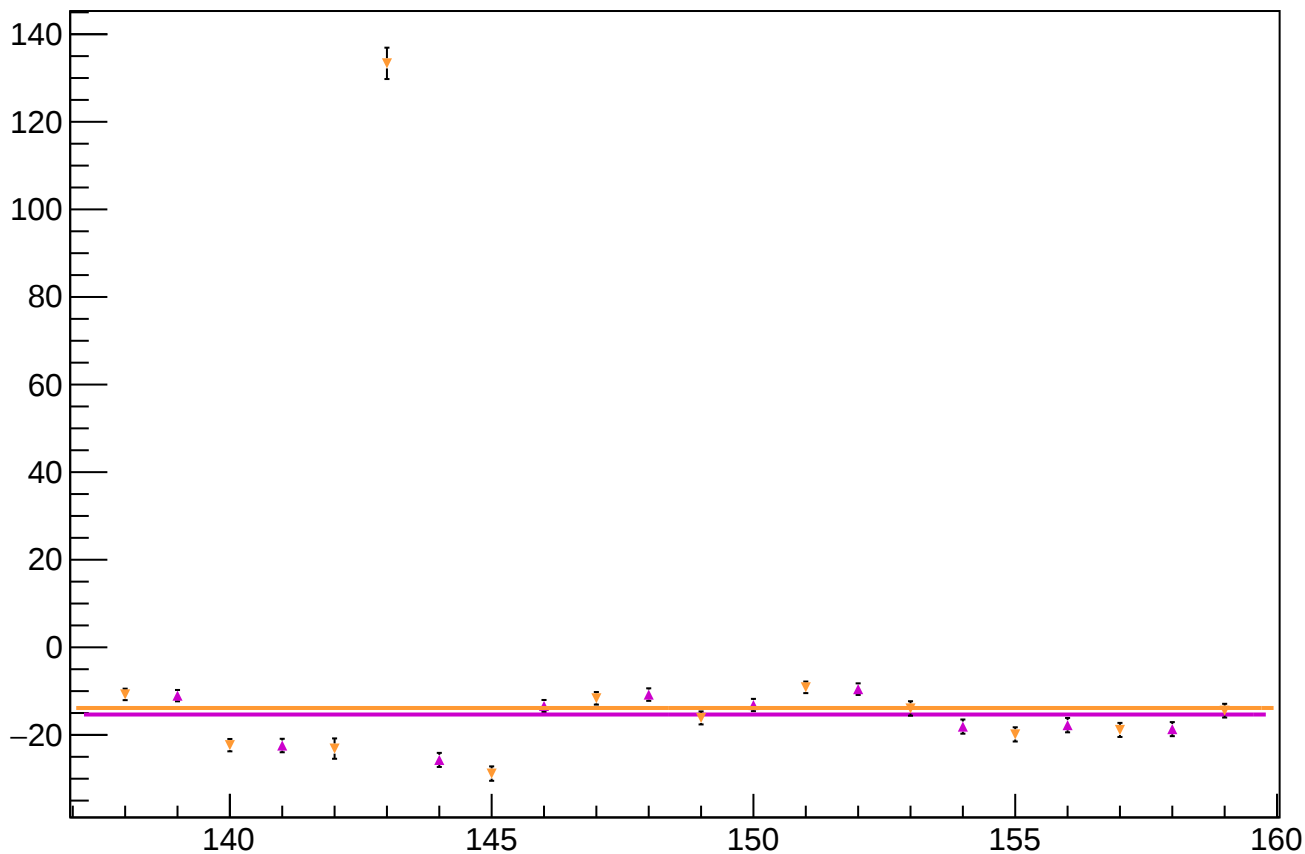
Right: -88.069 $\pm$ 0.047 χ^2 /NDF: 1021045.4/34

In: -123.205 $\pm$ 0.047 χ^2 /NDF: 1034326.6/26

Out: -117.014 $\pm$ 0.045 χ^2 /NDF: 1141105.0/29

All: -119.948 $\pm$ 0.033 χ^2 /NDF: 2184392.2/56

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -13.850+/-0.458 χ^2/NDF :1870.8/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -15.344+/-0.464 χ^2/NDF :117.0/9

Left: -14.587+/-0.326 χ^2/NDF : 1993.0/21

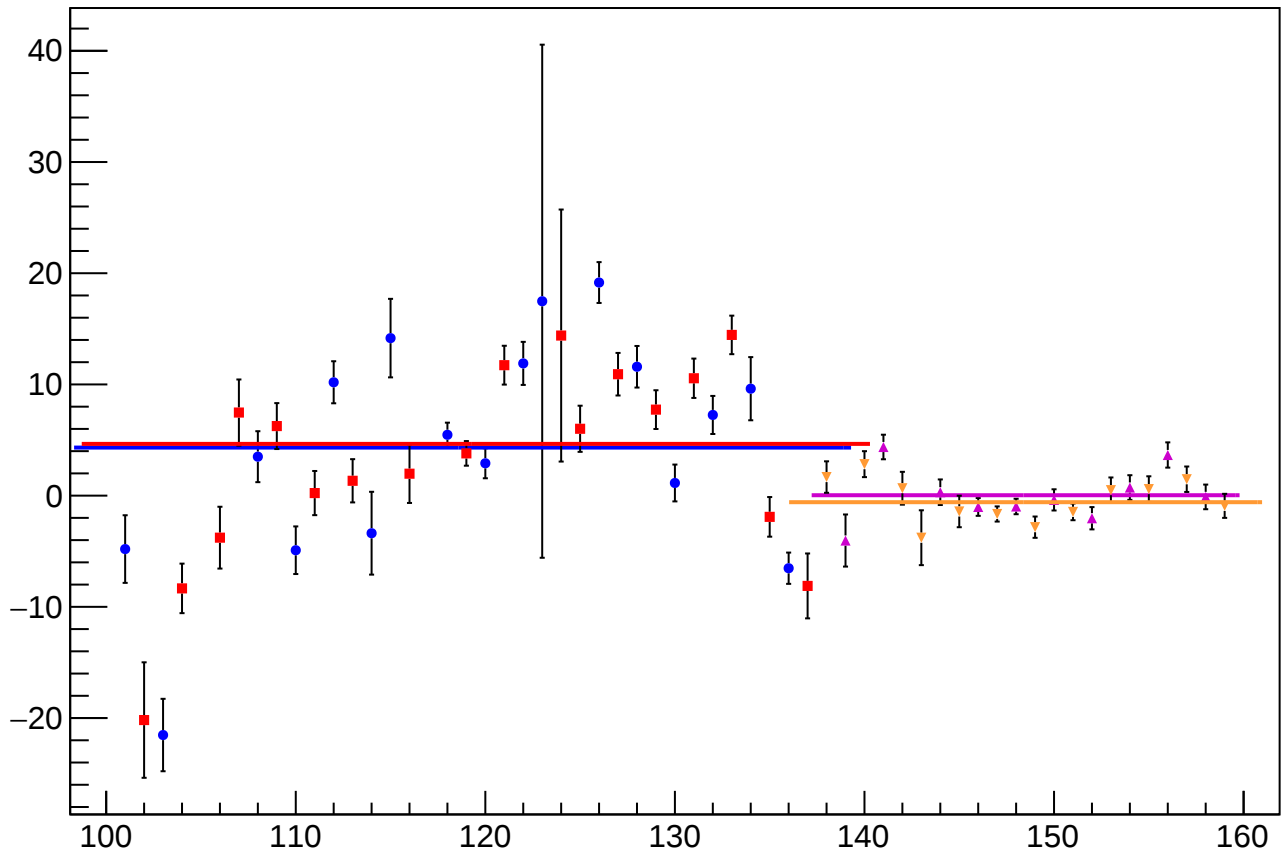
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -15.344+/-0.464 χ^2/NDF :117.0/9

Out: -13.850+/-0.458 χ^2/NDF :1870.8/11

All: -14.587+/-0.326 χ^2/NDF : 1993.0/21

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.322 ± 0.465 $\chi^2/\text{NDF}: 280.3/16$

Left Out: -0.589 ± 0.308 $\chi^2/\text{NDF}: 28.5/11$

Right Out: 4.653 ± 0.474 $\chi^2/\text{NDF}: 184.4/17$

Left In: 0.037 ± 0.318 $\chi^2/\text{NDF}: 37.4/9$

Left: -0.286 ± 0.221 $\chi^2/\text{NDF}: 67.8/21$

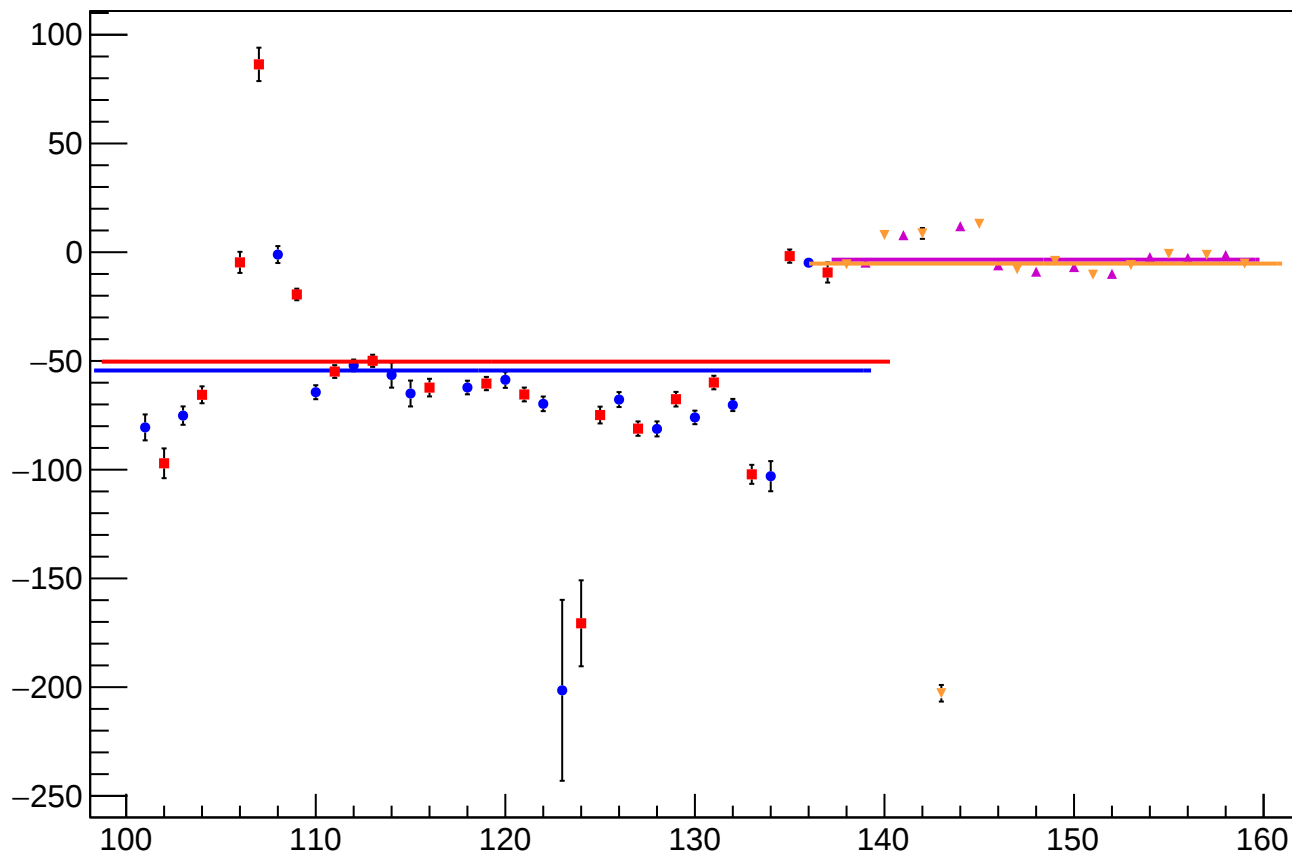
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.401 ± 0.263 $\chi^2/\text{NDF}: 375.5/26$

Out: 0.969 ± 0.258 $\chi^2/\text{NDF}: 298.9/29$

All: 1.181 ± 0.184 $\chi^2/\text{NDF}: 675.7/56$

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: -5.231 $\pm$ 0.448 χ^2 /NDF: 2933.7/11

Right Out: -50.316 $\pm$ 0.858 χ^2 /NDF: 1319.3/17

Left In: -3.426 $\pm$ 0.452 χ^2 /NDF: 185.3/9

Left: -4.338 $\pm$ 0.318 χ^2 /NDF: 3127.0/21

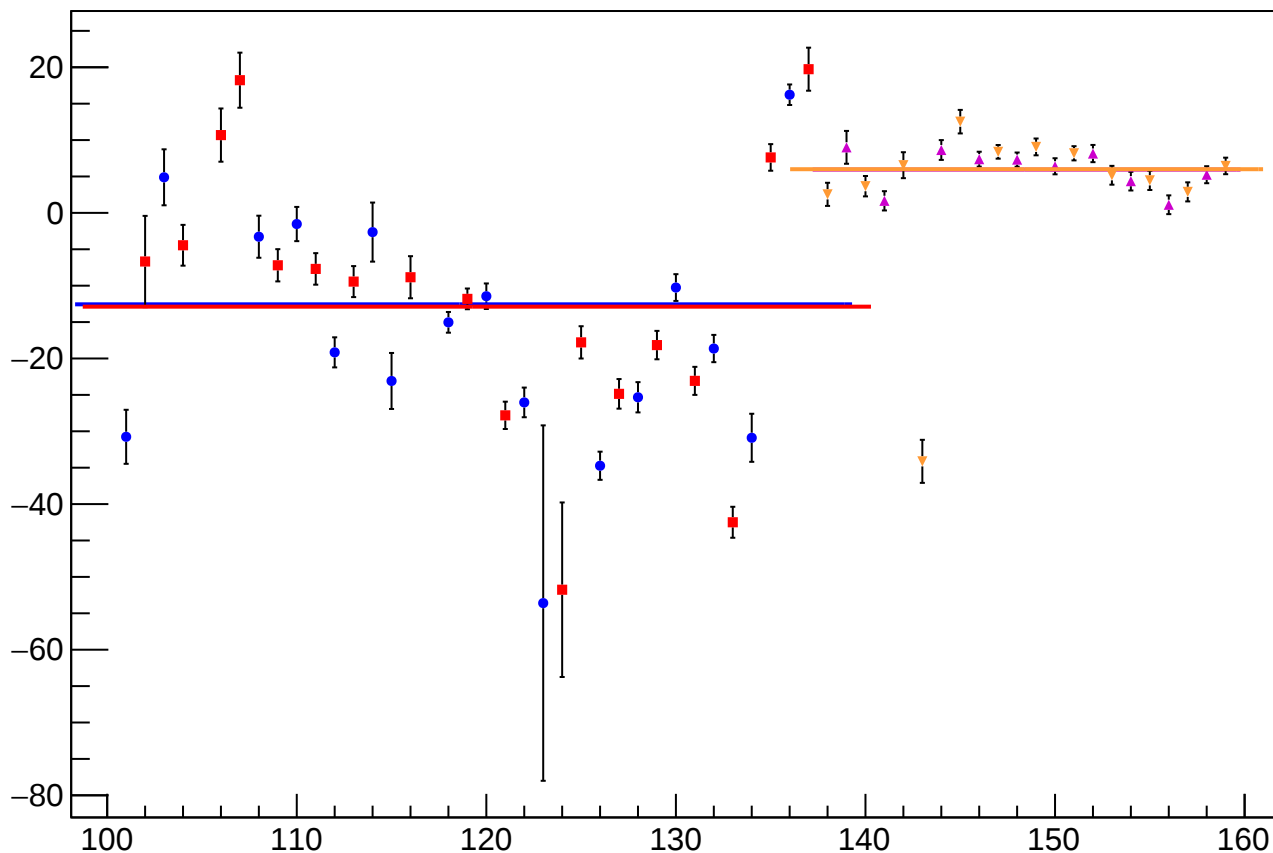
Right: -52.337 $\pm$ 0.609 χ^2 /NDF: 2344.4/34

In: -14.384 $\pm$ 0.401 χ^2 /NDF: 3927.2/26

Out: -14.868 $\pm$ 0.397 χ^2 /NDF: 6422.4/29

All: -14.628 $\pm$ 0.282 χ^2 /NDF: 10350.3/56

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: 5.998 ± 0.373 χ^2/NDF : 234.2/11

Right Out: -12.881 ± 0.538 χ^2/NDF : 726.6/17

Left In: 5.942 ± 0.384 χ^2/NDF : 39.7/9

Left: 5.971 ± 0.267 χ^2/NDF : 274.0/21

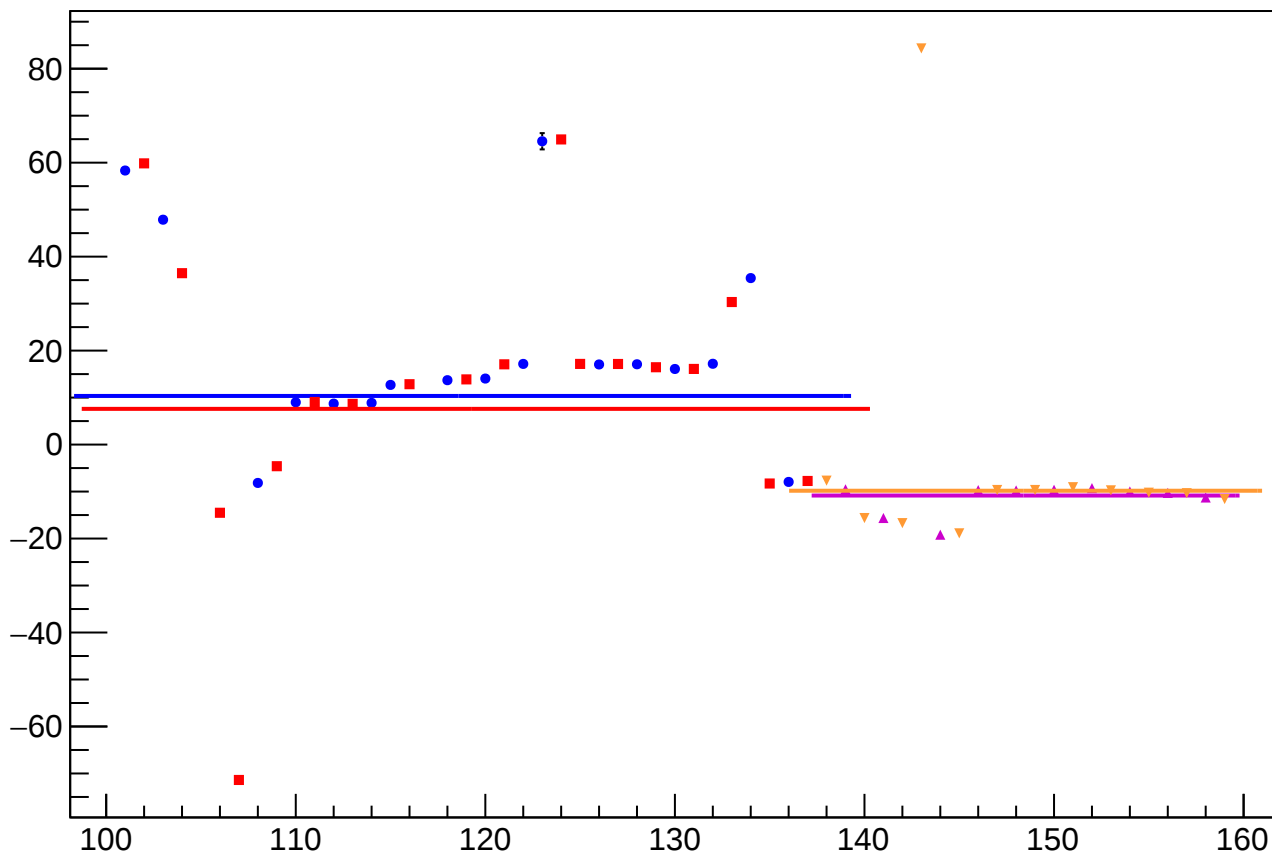
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.397 ± 0.311 χ^2/NDF : 1616.1/26

Out: -0.130 ± 0.307 χ^2/NDF : 1791.7/29

All: -0.262 ± 0.218 χ^2/NDF : 3408.1/56

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.350+/-0.031 χ^2/NDF : 380878.9/16

Left Out: -9.824+/-0.018 χ^2/NDF :408938.8/11

Right Out: 7.602+/-0.031 χ^2/NDF : 538460.3/17

Left In: -10.845+/-0.018 χ^2/NDF :20896.5/9

Left: -10.331+/-0.012 χ^2/NDF : 431518.8/21

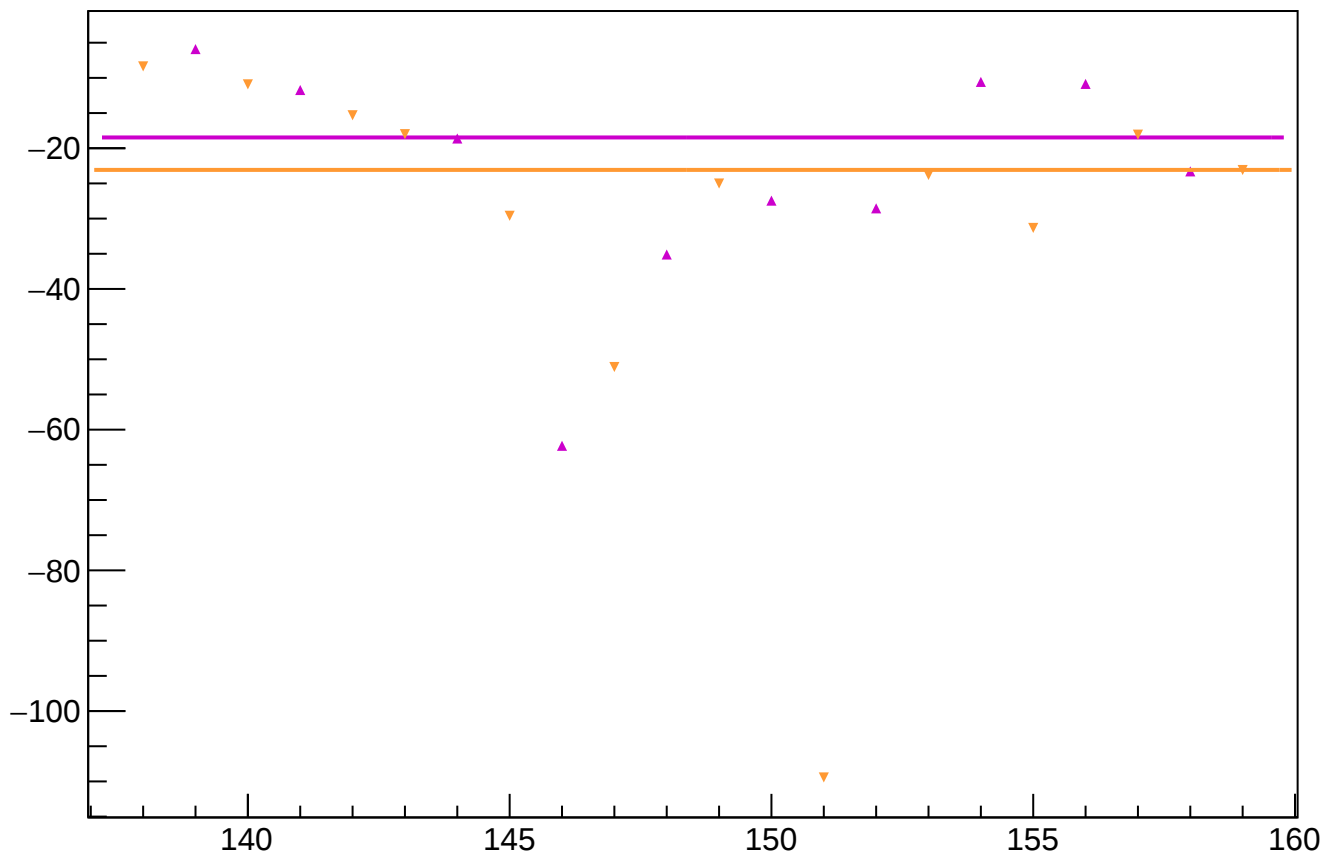
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -5.545+/-0.015 χ^2/NDF :762032.4/26

Out: -5.665+/-0.015 χ^2/NDF :1183496.6/29

All: -5.605+/-0.011 χ^2/NDF : 1945560.0/56

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: -23.079+/-0.076 χ^2/NDF : 50345.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Left: -20.531+/-0.051 χ^2/NDF : 88922.8/21

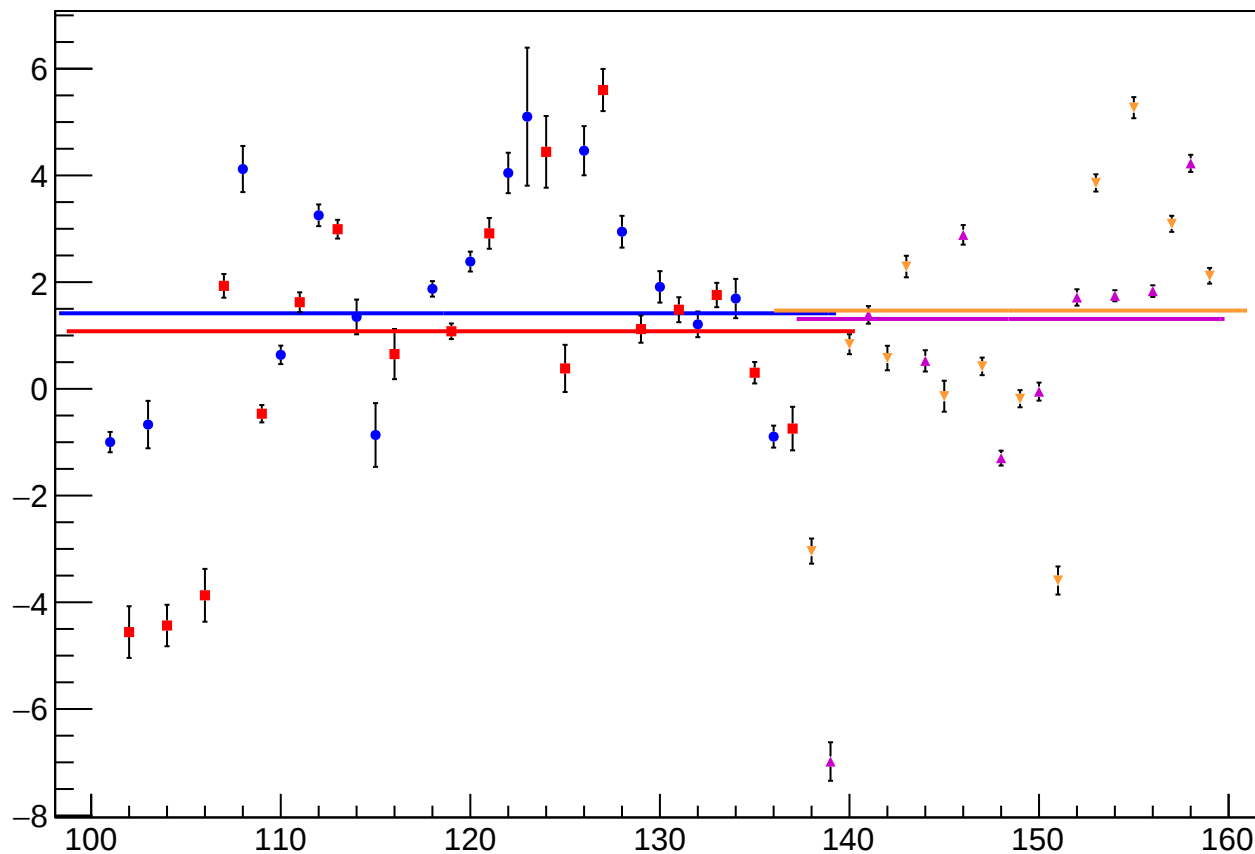
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Out: -23.079+/-0.076 χ^2/NDF : 50345.2/11

All: -20.531+/-0.051 χ^2/NDF : 88922.8/21

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.416 ± 0.061 χ^2/NDF : 631.2/16

Left Out: 1.467 ± 0.054 χ^2/NDF : 1681.8/11

Right Out: 1.080 ± 0.058 χ^2/NDF : 916.1/17

Left In: 1.310 ± 0.047 χ^2/NDF : 1408.9/9

Left: 1.379 ± 0.036 χ^2/NDF : 3095.6/21

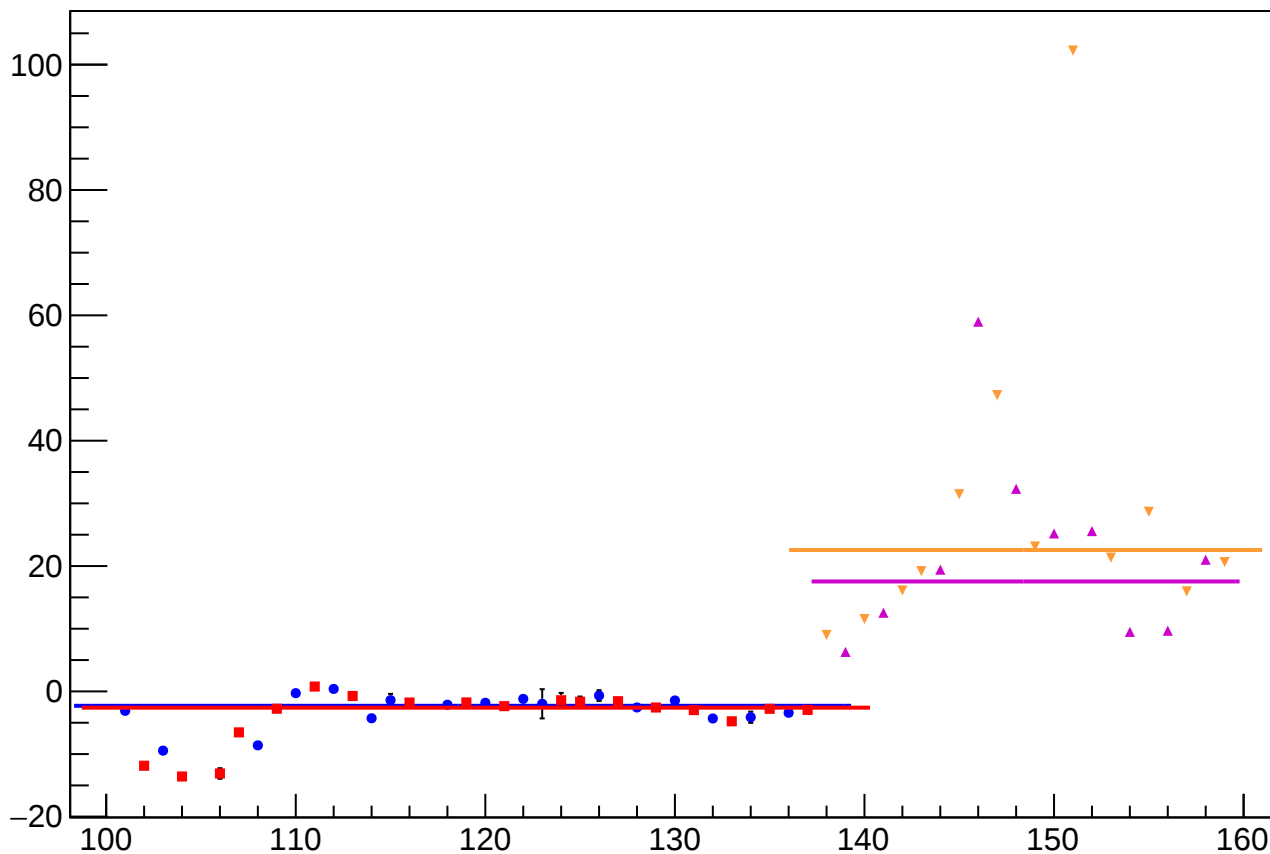
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.350 ± 0.037 χ^2/NDF : 2042.0/26

Out: 1.289 ± 0.039 χ^2/NDF : 2621.9/29

All: 1.321 ± 0.027 χ^2/NDF : 4665.2/56

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 $\chi^2/\text{NDF}: 440.0/16$

Left Out: 22.565 ± 0.074 $\chi^2/\text{NDF}: 45561.1/11$

Right Out: -2.594 ± 0.099 $\chi^2/\text{NDF}: 889.6/17$

Left In: 17.539 ± 0.065 $\chi^2/\text{NDF}: 34283.9/9$

Left: 19.743 ± 0.049 $\chi^2/\text{NDF}: 82430.3/21$

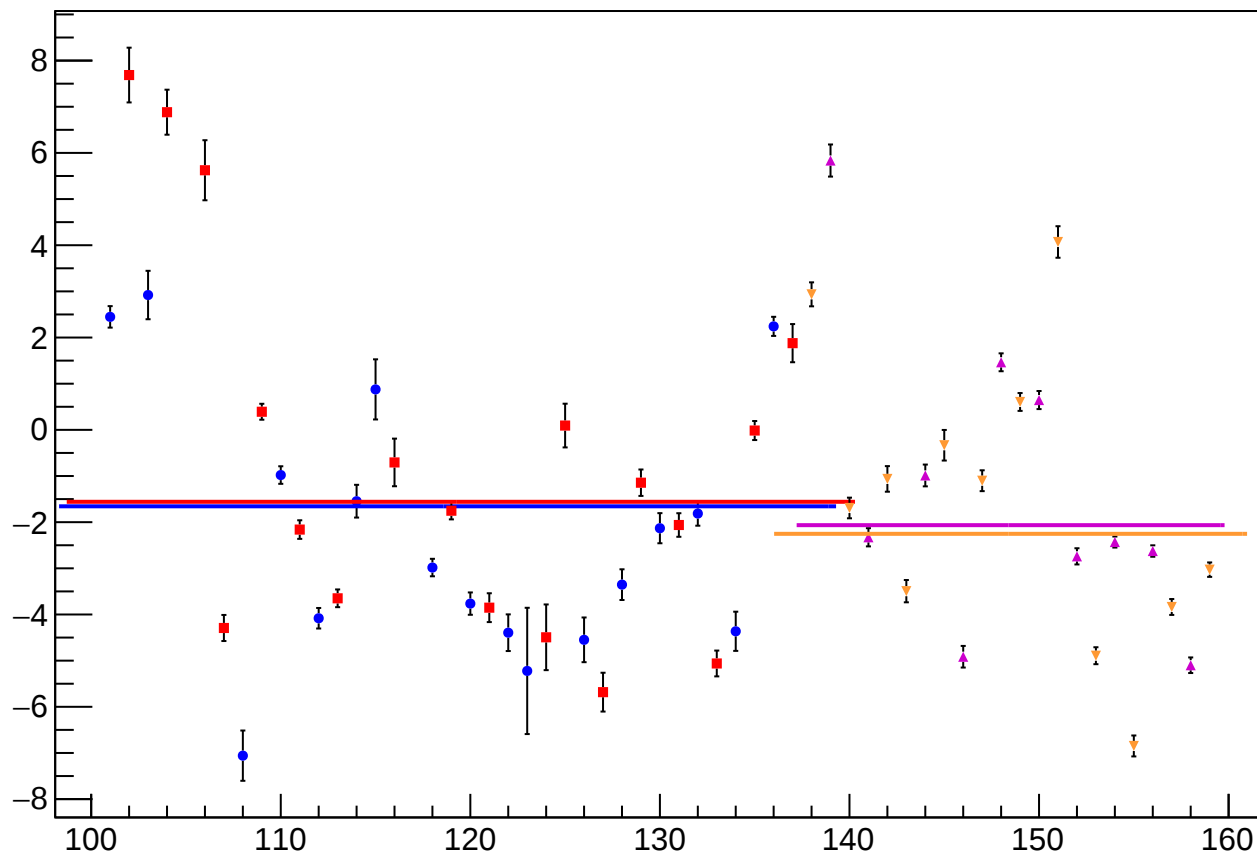
Right: -2.463 ± 0.074 $\chi^2/\text{NDF}: 1333.6/34$

In: 12.410 ± 0.056 $\chi^2/\text{NDF}: 58477.3/26$

Out: 13.568 ± 0.059 $\chi^2/\text{NDF}: 87711.5/29$

All: 12.959 ± 0.041 $\chi^2/\text{NDF}: 146388.8/56$

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.656 ± 0.070 $\chi^2/\text{NDF}: 1271.1/16$

Left Out: -2.252 ± 0.063 $\chi^2/\text{NDF}: 1796.7/11$

Right Out: -1.558 ± 0.066 $\chi^2/\text{NDF}: 1484.7/17$

Left In: -2.065 ± 0.055 $\chi^2/\text{NDF}: 1576.7/9$

Left: -2.147 ± 0.042 $\chi^2/\text{NDF}: 3378.4/21$

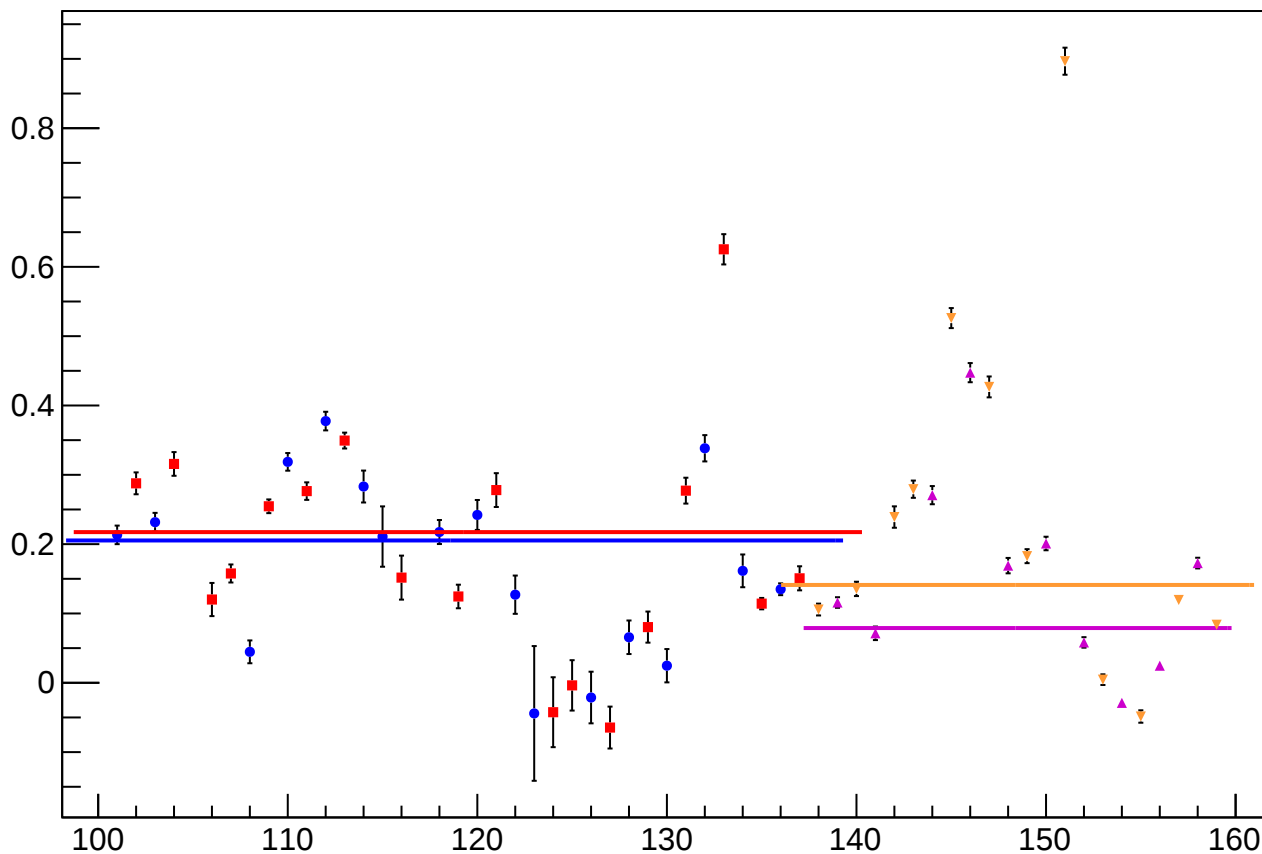
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -1.909 ± 0.044 $\chi^2/\text{NDF}: 2868.6/26$

Out: -1.921 ± 0.045 $\chi^2/\text{NDF}: 3339.6/29$

All: -1.914 ± 0.031 $\chi^2/\text{NDF}: 6208.2/56$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.004 χ^2/NDF : 620.5/16

Left Out: 0.141 ± 0.003 χ^2/NDF : 3600.7/11

Right Out: 0.217 ± 0.004 χ^2/NDF : 1019.4/17

Left In: 0.079 ± 0.002 χ^2/NDF : 1933.4/9

Left: 0.105 ± 0.002 χ^2/NDF : 5819.6/21

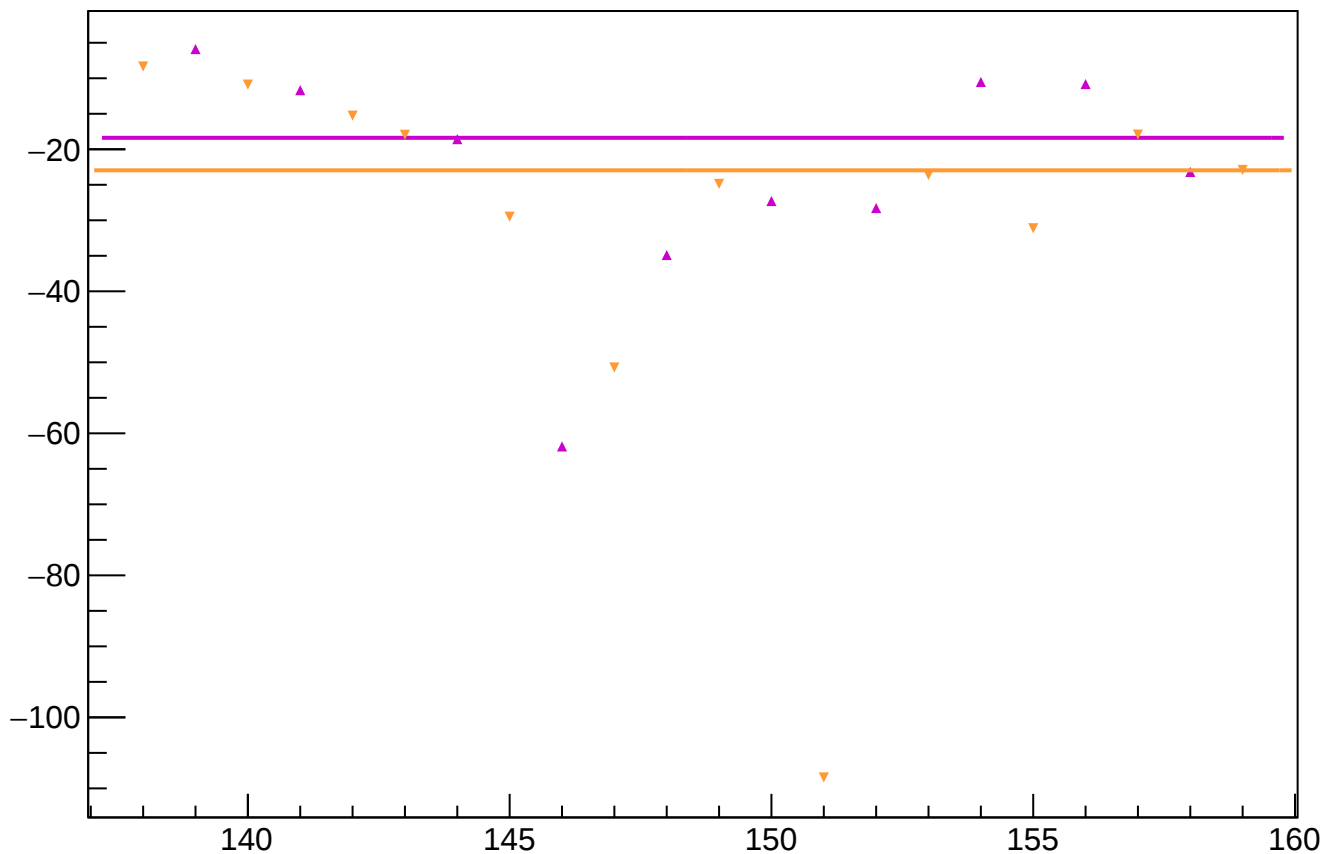
Right: 0.212 ± 0.003 χ^2/NDF : 1644.6/34

In: 0.110 ± 0.002 χ^2/NDF : 3254.0/26

Out: 0.169 ± 0.002 χ^2/NDF : 4888.7/29

All: 0.137 ± 0.002 χ^2/NDF : 8511.9/56

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left Out: -22.962±/-0.075 χ^2/NDF :50235.2/11

Right Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: -18.385±/-0.068 χ^2/NDF :36445.2/9

Left: -20.433±/-0.050 χ^2/NDF : 88733.4/21

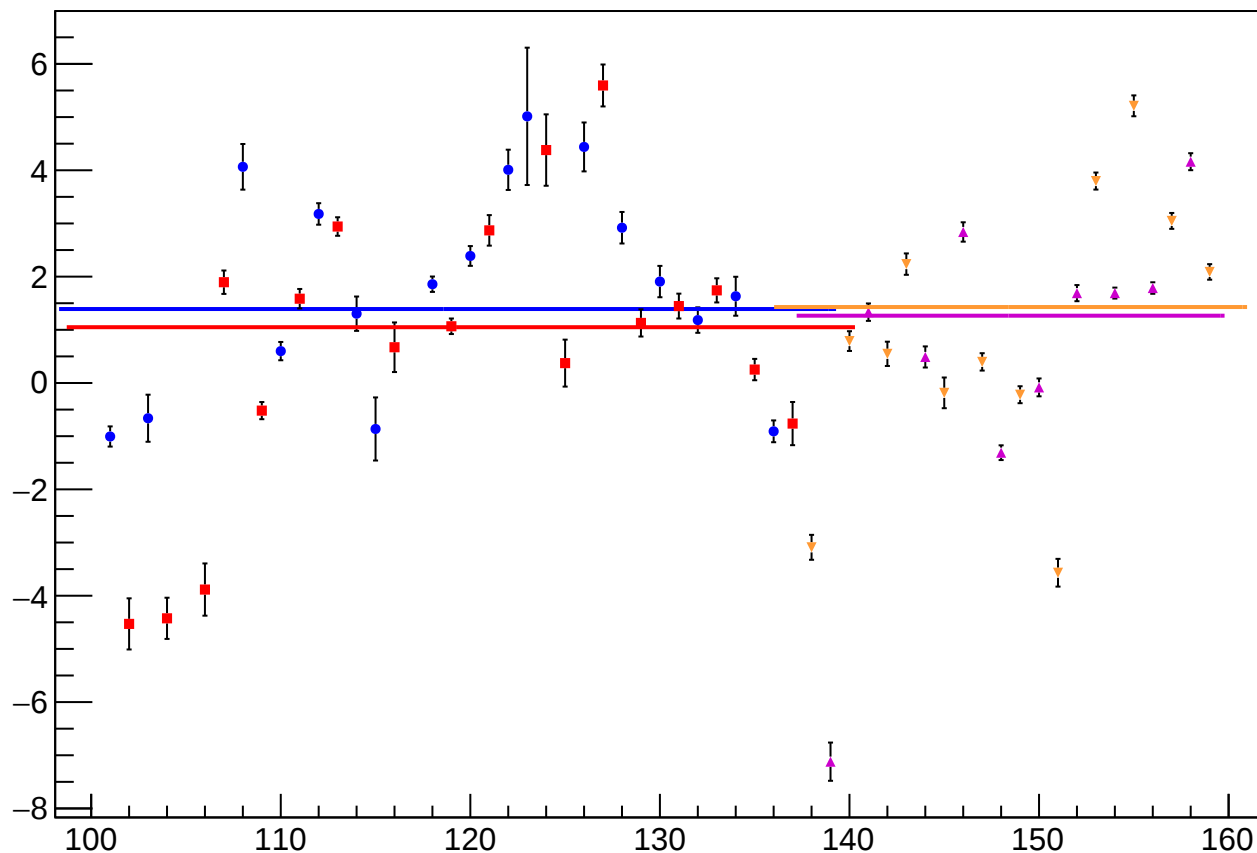
Right: 0.000±/-0.000 χ^2/NDF : 0.0/0

In: -18.385±/-0.068 χ^2/NDF :36445.2/9

Out: -22.962±/-0.075 χ^2/NDF :50235.2/11

All: -20.433±/-0.050 χ^2/NDF : 88733.4/21

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.391 ± 0.061 χ^2/NDF : 629.2/16

Left Out: 1.428 ± 0.053 χ^2/NDF : 1687.4/11

Right Out: 1.049 ± 0.058 χ^2/NDF : 919.8/17

Left In: 1.266 ± 0.047 χ^2/NDF : 1420.8/9

Left: 1.337 ± 0.035 χ^2/NDF : 3113.4/21

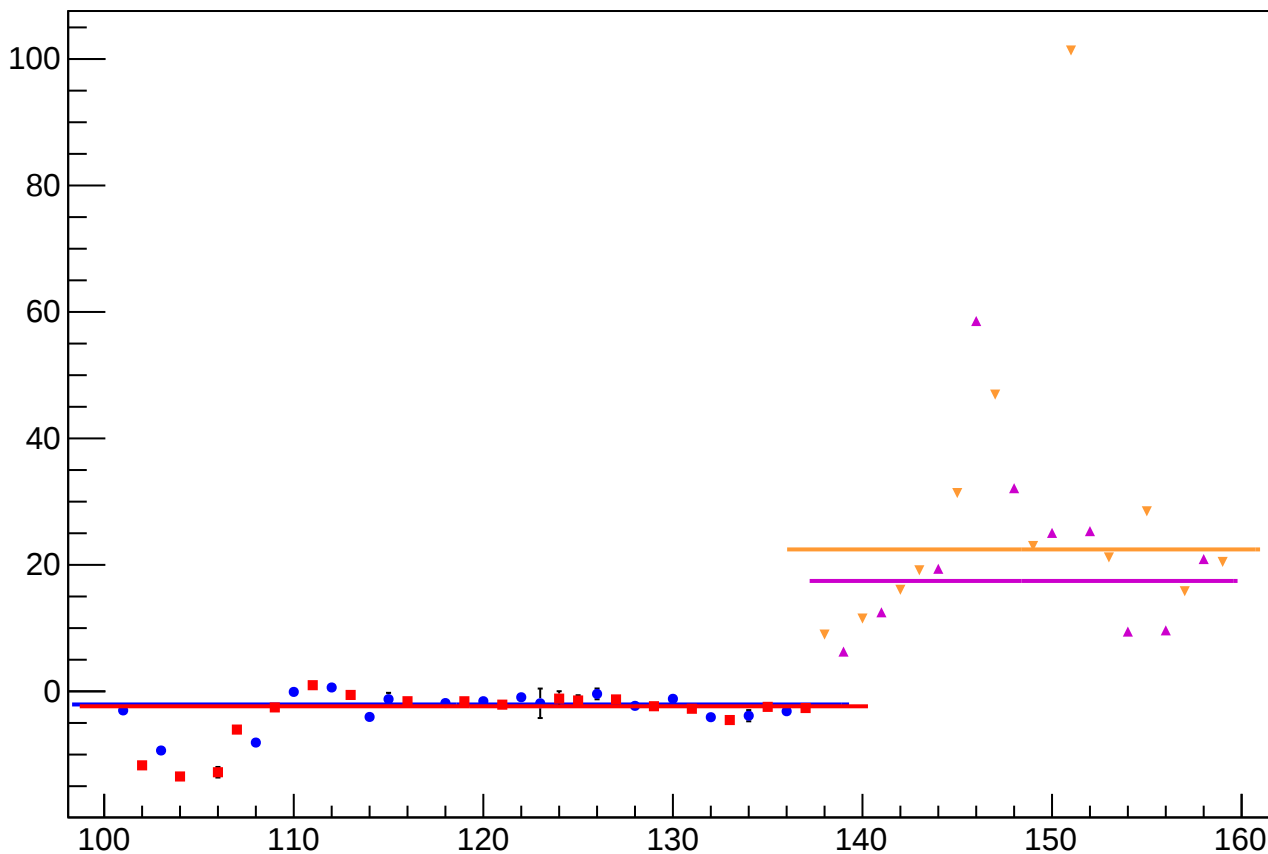
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.312 ± 0.037 χ^2/NDF : 2052.6/26

Out: 1.254 ± 0.039 χ^2/NDF : 2630.3/29

All: 1.285 ± 0.027 χ^2/NDF : 4684.1/56

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 χ^2/NDF : 442.3/16

Left Out: 22.444 ± 0.074 χ^2/NDF : 45483.1/11

Right Out: -2.366 ± 0.099 χ^2/NDF : 893.2/17

Left In: 17.459 ± 0.065 χ^2/NDF : 34220.7/9

Left: 19.645 ± 0.049 χ^2/NDF : 82279.2/21

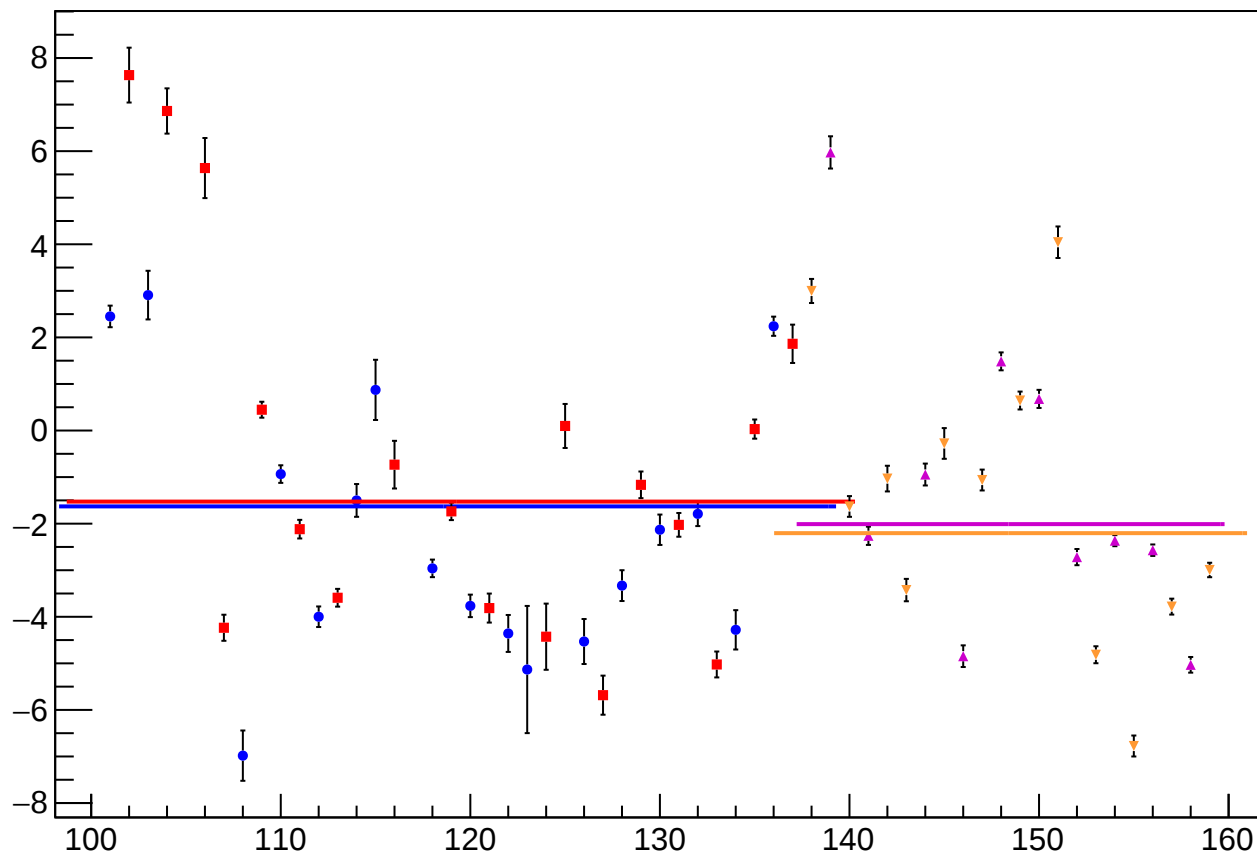
Right: -2.237 ± 0.074 χ^2/NDF : 1339.4/34

In: 12.416 ± 0.056 χ^2/NDF : 57937.3/26

Out: 13.583 ± 0.059 χ^2/NDF : 86959.8/29

All: 12.969 ± 0.041 χ^2/NDF : 145102.6/56

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.629 ± 0.070 χ^2/NDF : 1266.4/16

Left Out: -2.204 ± 0.062 χ^2/NDF : 1803.9/11

Right Out: -1.526 ± 0.065 χ^2/NDF : 1488.2/17

Left In: -2.010 ± 0.055 χ^2/NDF : 1592.4/9

Left: -2.095 ± 0.041 χ^2/NDF : 3401.7/21

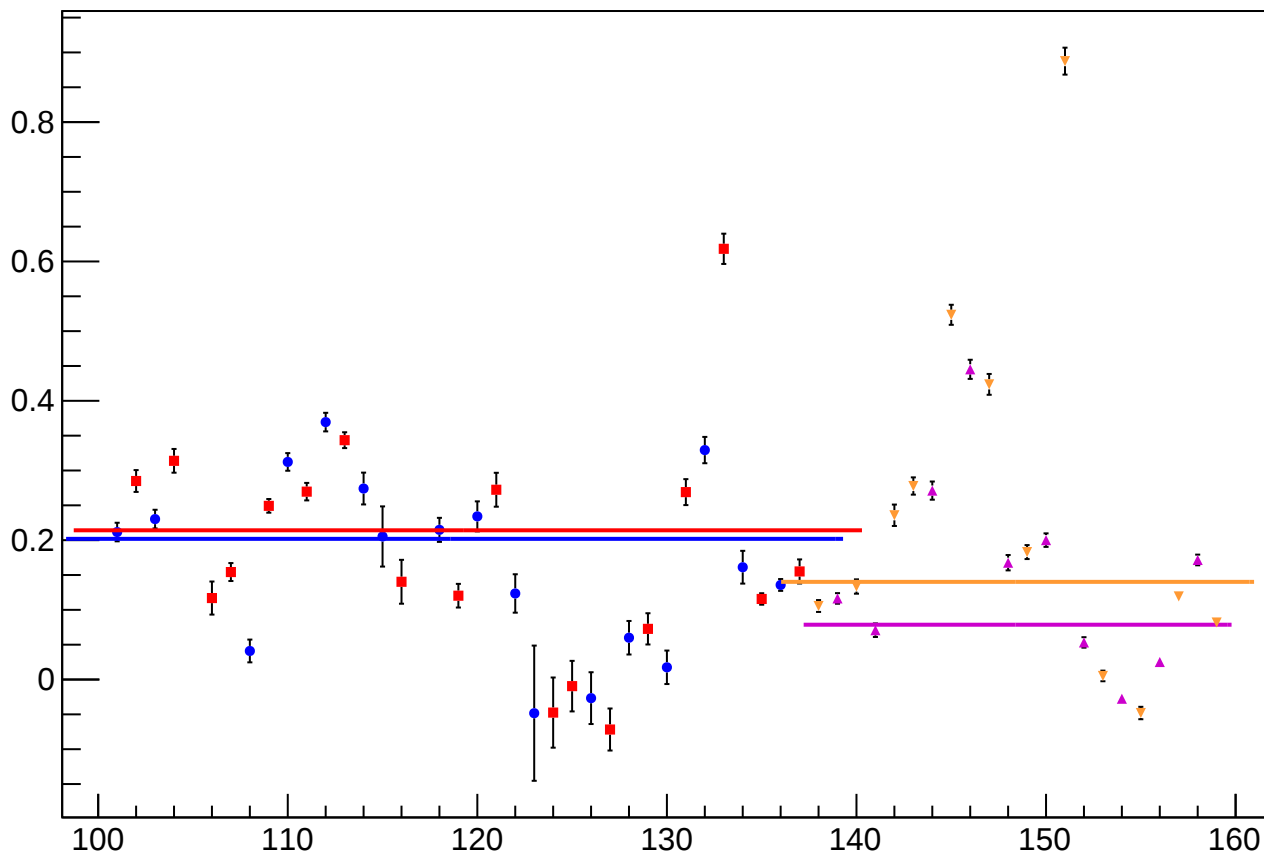
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.865 ± 0.043 χ^2/NDF : 2877.0/26

Out: -1.880 ± 0.045 χ^2/NDF : 3348.2/29

All: -1.872 ± 0.031 χ^2/NDF : 6225.2/56

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: 0.140 $\pm$ 0.003 χ^2 /NDF:3594.4/11

Right Out: 0.214 $\pm$ 0.004 χ^2 /NDF: 1001.6/17

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:1933.1/9

Left: 0.104 $\pm$ 0.002 χ^2 /NDF: 5810.6/21

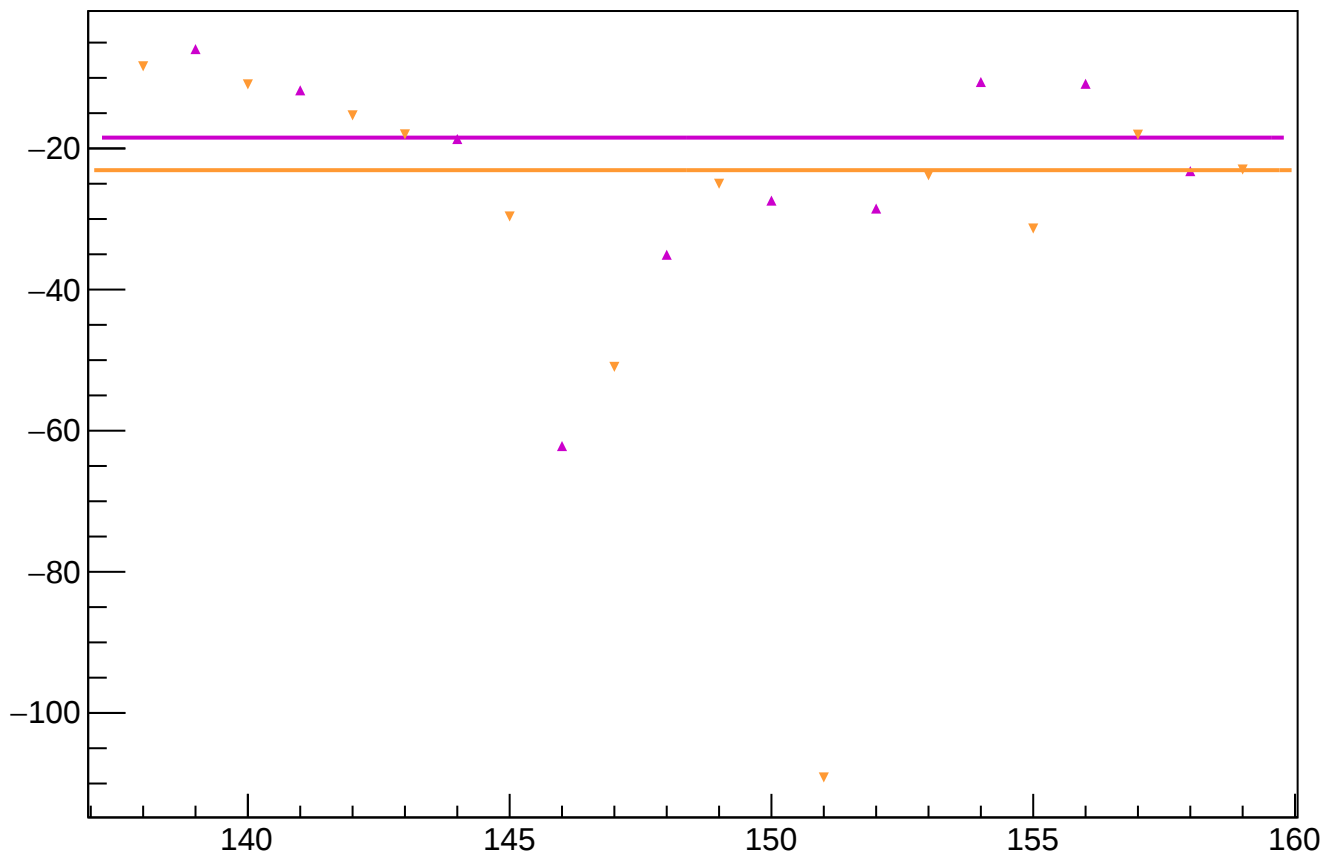
Right: 0.209 $\pm$ 0.003 χ^2 /NDF: 1611.2/34

In: 0.109 $\pm$ 0.002 χ^2 /NDF:3210.9/26

Out: 0.167 $\pm$ 0.002 χ^2 /NDF:4851.9/29

All: 0.136 $\pm$ 0.002 χ^2 /NDF: 8427.5/56

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: -23.079+/-0.075 χ^2/NDF :50347.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Left: -20.529+/-0.050 χ^2/NDF : 88940.7/21

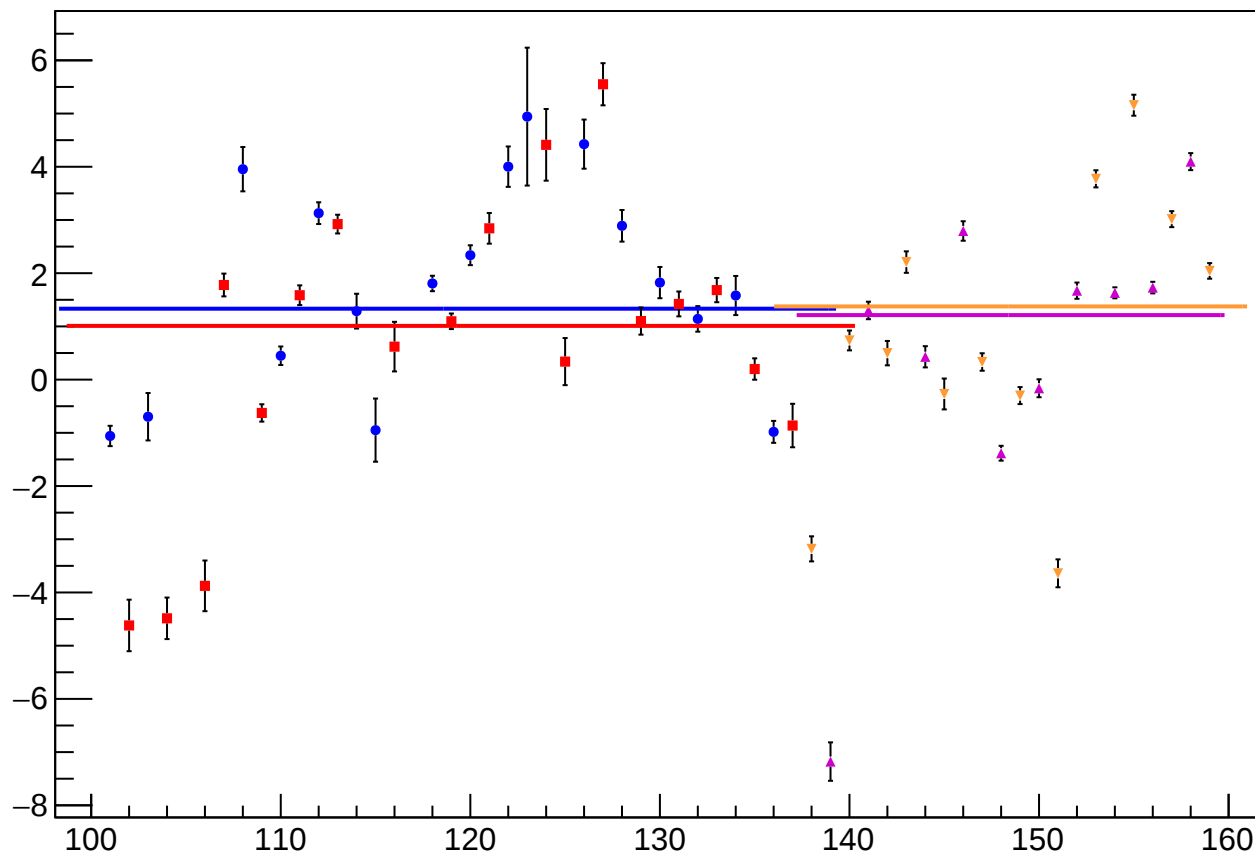
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.467+/-0.068 χ^2/NDF :36525.5/9

Out: -23.079+/-0.075 χ^2/NDF :50347.3/11

All: -20.529+/-0.050 χ^2/NDF : 88940.7/21

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 $\pm$ 0.061 χ^2 /NDF: 634.6/16

Left Out: 1.375 $\pm$ 0.054 χ^2 /NDF:1695.2/11

Right Out: 1.010 $\pm$ 0.058 χ^2 /NDF: 930.3/17

Left In: 1.213 $\pm$ 0.047 χ^2 /NDF:1418.1/9

Left: 1.284 $\pm$ 0.035 χ^2 /NDF: 3118.4/21

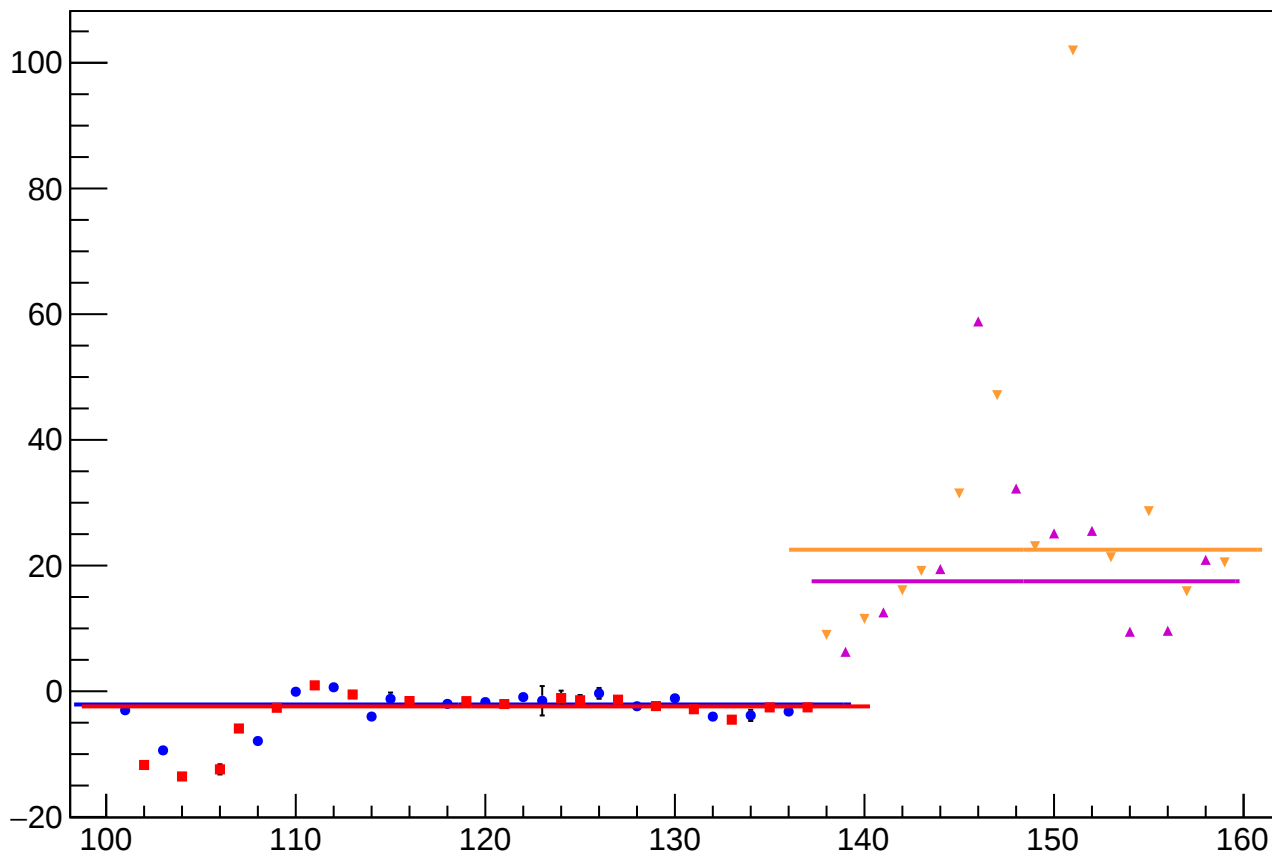
Right: 1.163 $\pm$ 0.042 χ^2 /NDF: 1579.5/34

In: 1.258 $\pm$ 0.037 χ^2 /NDF:2055.0/26

Out: 1.207 $\pm$ 0.039 χ^2 /NDF:2646.8/29

All: 1.234 $\pm$ 0.027 χ^2 /NDF: 4702.8/56

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 χ^2/NDF : 440.3/16

Left Out: 22.526 ± 0.074 χ^2/NDF : 45579.0/11

Right Out: -2.410 ± 0.099 χ^2/NDF : 886.9/17

Left In: 17.499 ± 0.065 χ^2/NDF : 34312.0/9

Left: 19.702 ± 0.049 χ^2/NDF : 82488.7/21

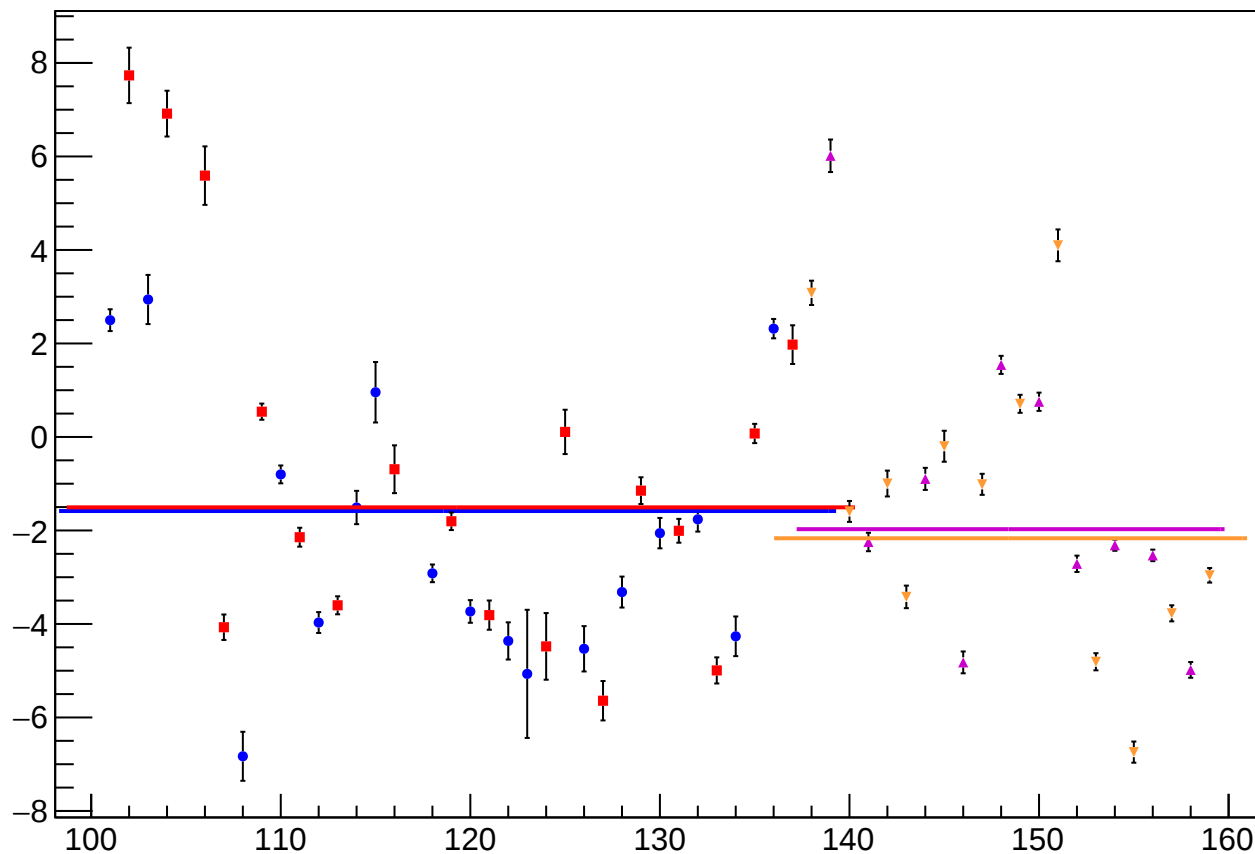
Right: -2.274 ± 0.074 χ^2/NDF : 1331.4/34

In: 12.452 ± 0.056 χ^2/NDF : 57962.9/26

Out: 13.626 ± 0.059 χ^2/NDF : 87074.3/29

All: 13.008 ± 0.041 χ^2/NDF : 145243.4/56

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: -2.167 ± 0.063 χ^2/NDF : 1812.5/11

Right Out: -1.506 ± 0.066 χ^2/NDF : 1499.8/17

Left In: -1.972 ± 0.055 χ^2/NDF : 1590.8/9

Left: -2.057 ± 0.041 χ^2/NDF : 3408.7/21

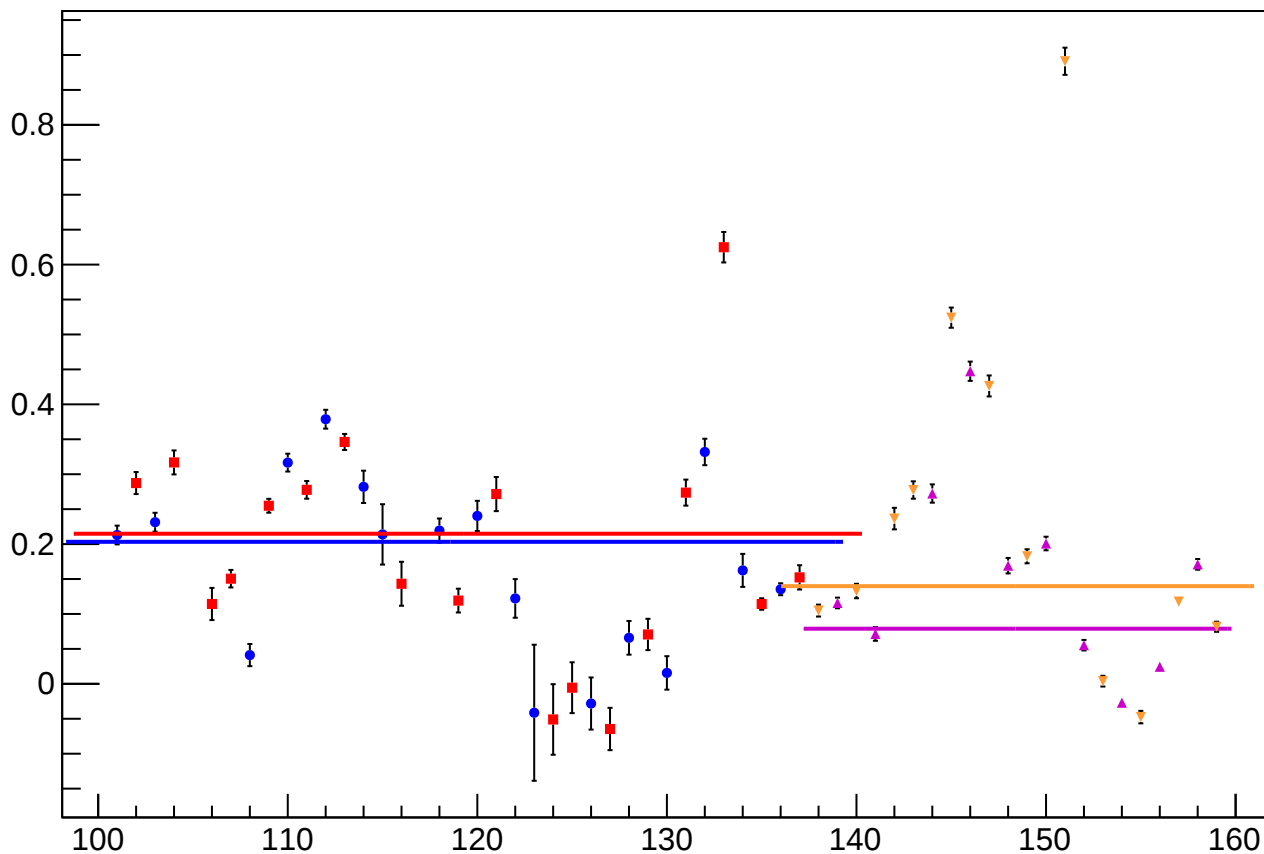
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.824 ± 0.043 χ^2/NDF : 2881.7/26

Out: -1.851 ± 0.045 χ^2/NDF : 3365.4/29

All: -1.837 ± 0.031 χ^2/NDF : 6247.3/56

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: 0.140 ± 0.003 χ^2/NDF : 3588.1/11

Right Out: 0.215 ± 0.004 χ^2/NDF : 1033.0/17

Left In: 0.079 ± 0.002 χ^2/NDF : 1929.0/9

Left: 0.104 ± 0.002 χ^2/NDF : 5792.5/21

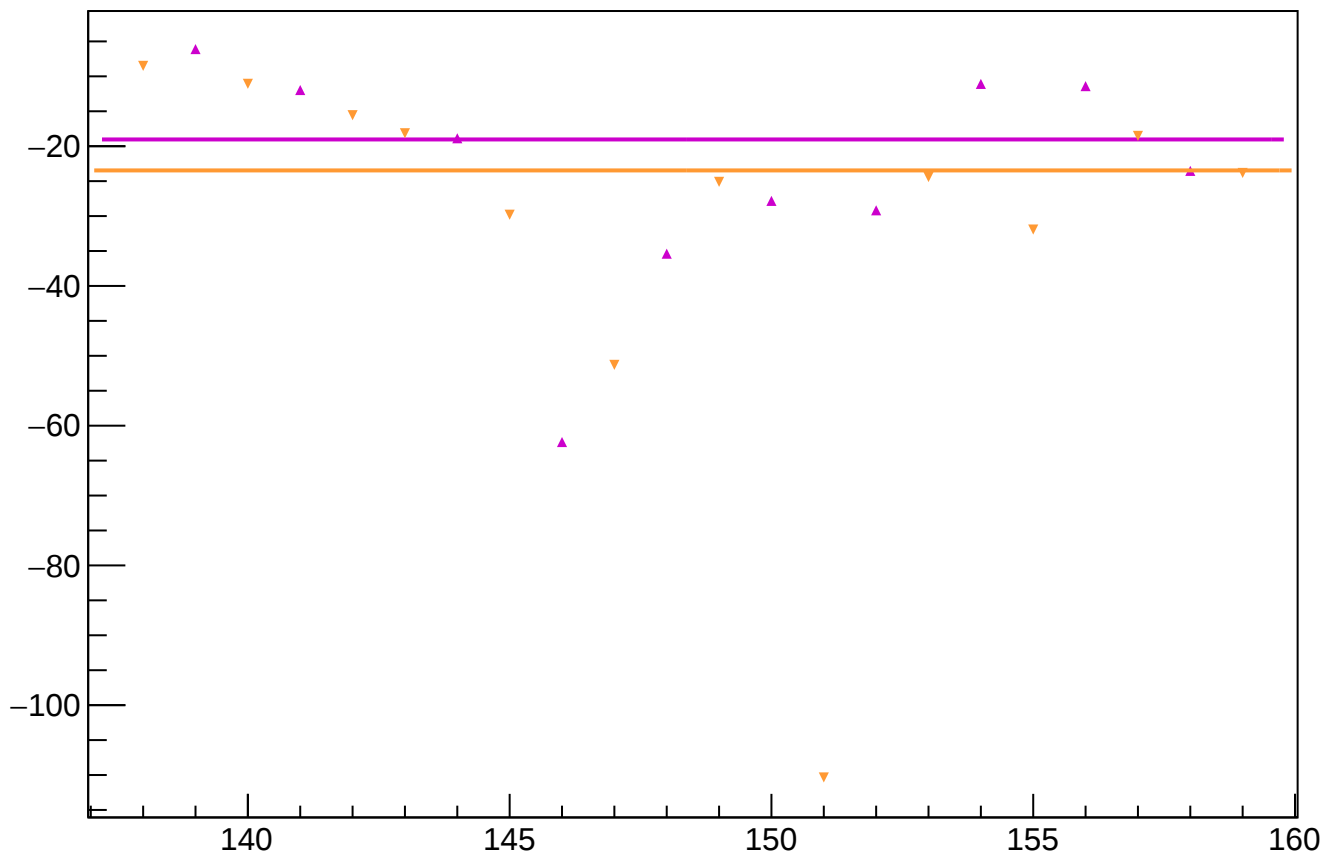
Right: 0.210 ± 0.003 χ^2/NDF : 1670.1/34

In: 0.110 ± 0.002 χ^2/NDF : 3242.4/26

Out: 0.167 ± 0.002 χ^2/NDF : 4882.5/29

All: 0.136 ± 0.002 χ^2/NDF : 8482.0/56

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: -23.466+/-0.077 χ^2/NDF :50203.3/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Left: -21.031+/-0.051 χ^2/NDF : 87523.6/21

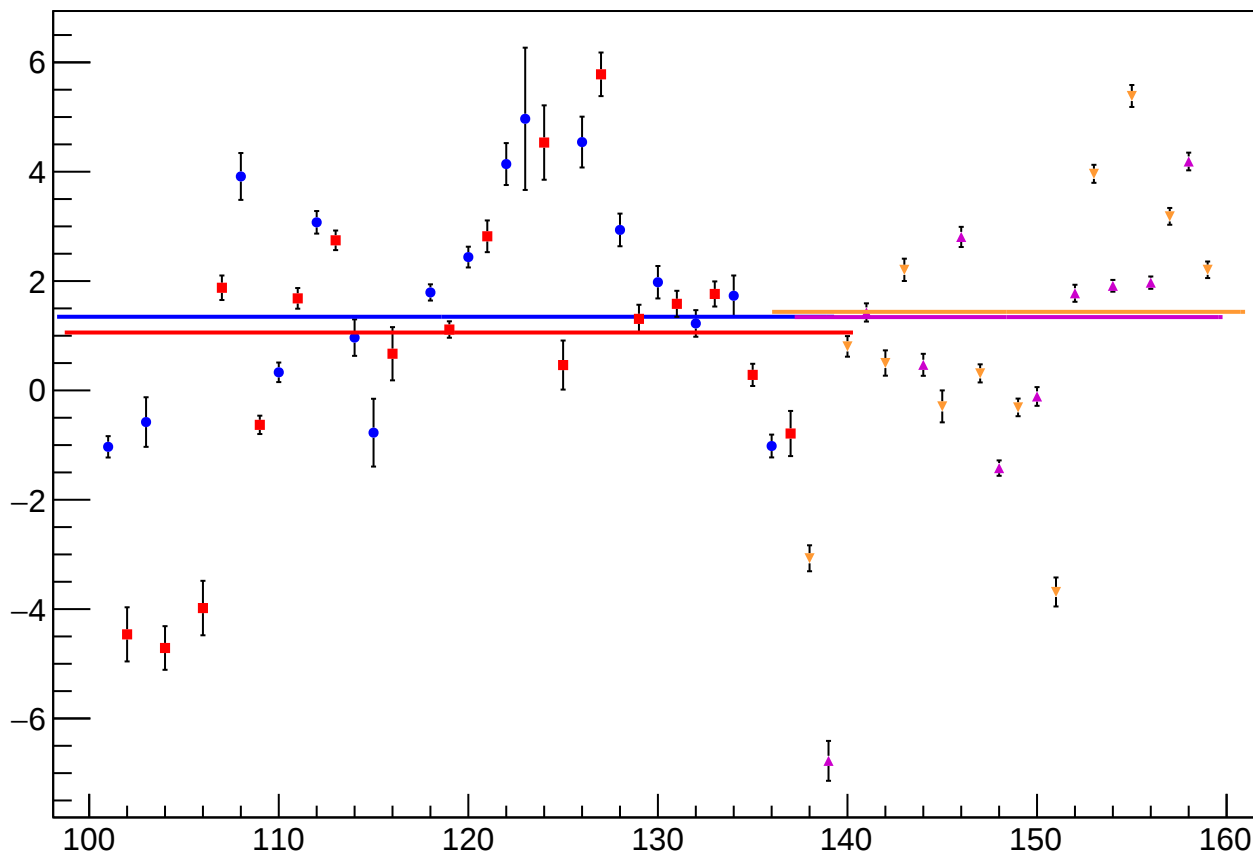
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Out: -23.466+/-0.077 χ^2/NDF :50203.3/11

All: -21.031+/-0.051 χ^2/NDF : 87523.6/21

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 ± 0.062 χ^2/NDF : 630.1/16

Left Out: 1.437 ± 0.054 χ^2/NDF : 1749.6/11

Right Out: 1.059 ± 0.059 χ^2/NDF : 905.3/17

Left In: 1.341 ± 0.048 χ^2/NDF : 1411.0/9

Left: 1.383 ± 0.036 χ^2/NDF : 3162.3/21

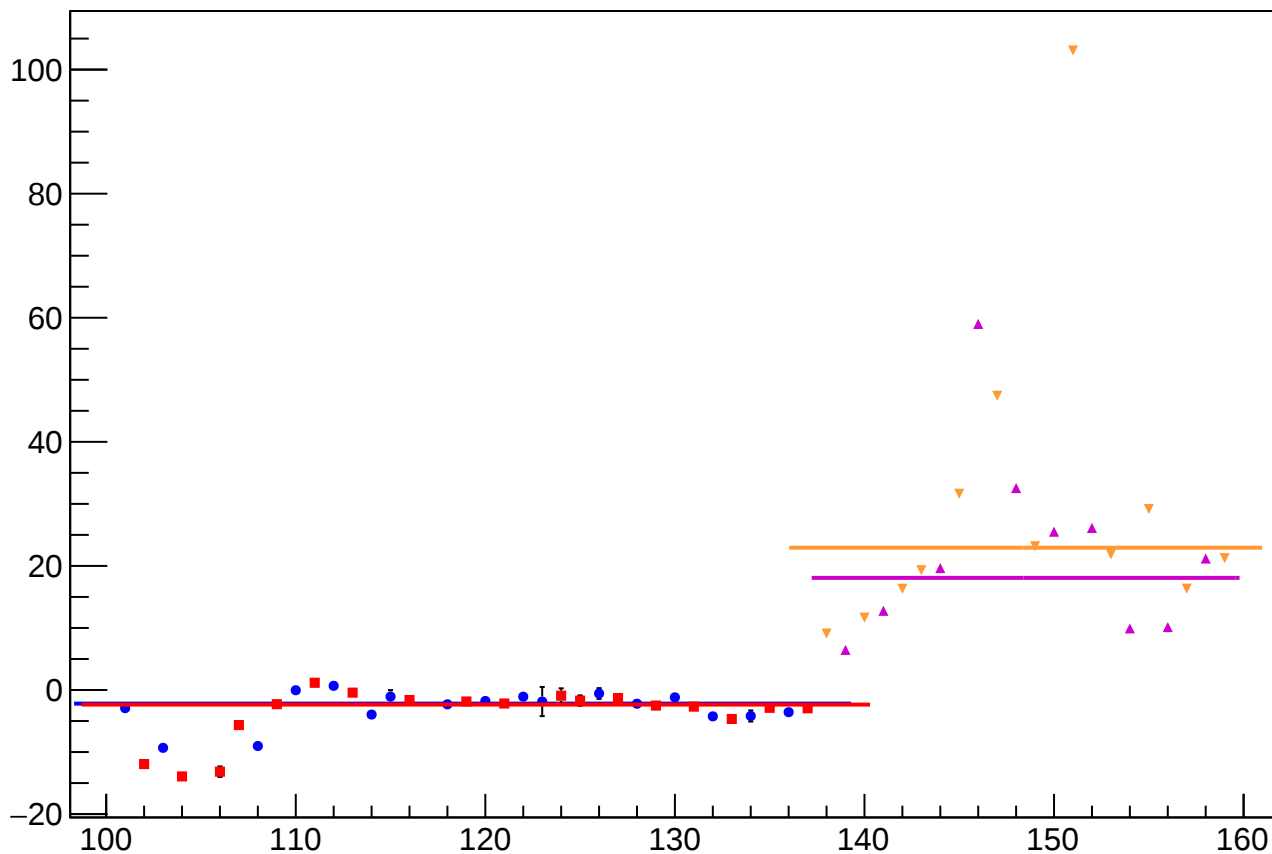
Right: 1.196 ± 0.043 χ^2/NDF : 1546.6/34

In: 1.343 ± 0.038 χ^2/NDF : 2041.1/26

Out: 1.264 ± 0.040 χ^2/NDF : 2676.9/29

All: 1.306 ± 0.028 χ^2/NDF : 4720.1/56

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 22.935 ± 0.075 $\chi^2/\text{NDF}: 45316.4/11$

Right Out: -2.350 ± 0.101 $\chi^2/\text{NDF}: 908.5/17$

Left In: 18.073 ± 0.067 $\chi^2/\text{NDF}: 33173.5/9$

Left: 20.221 ± 0.050 $\chi^2/\text{NDF}: 80825.4/21$

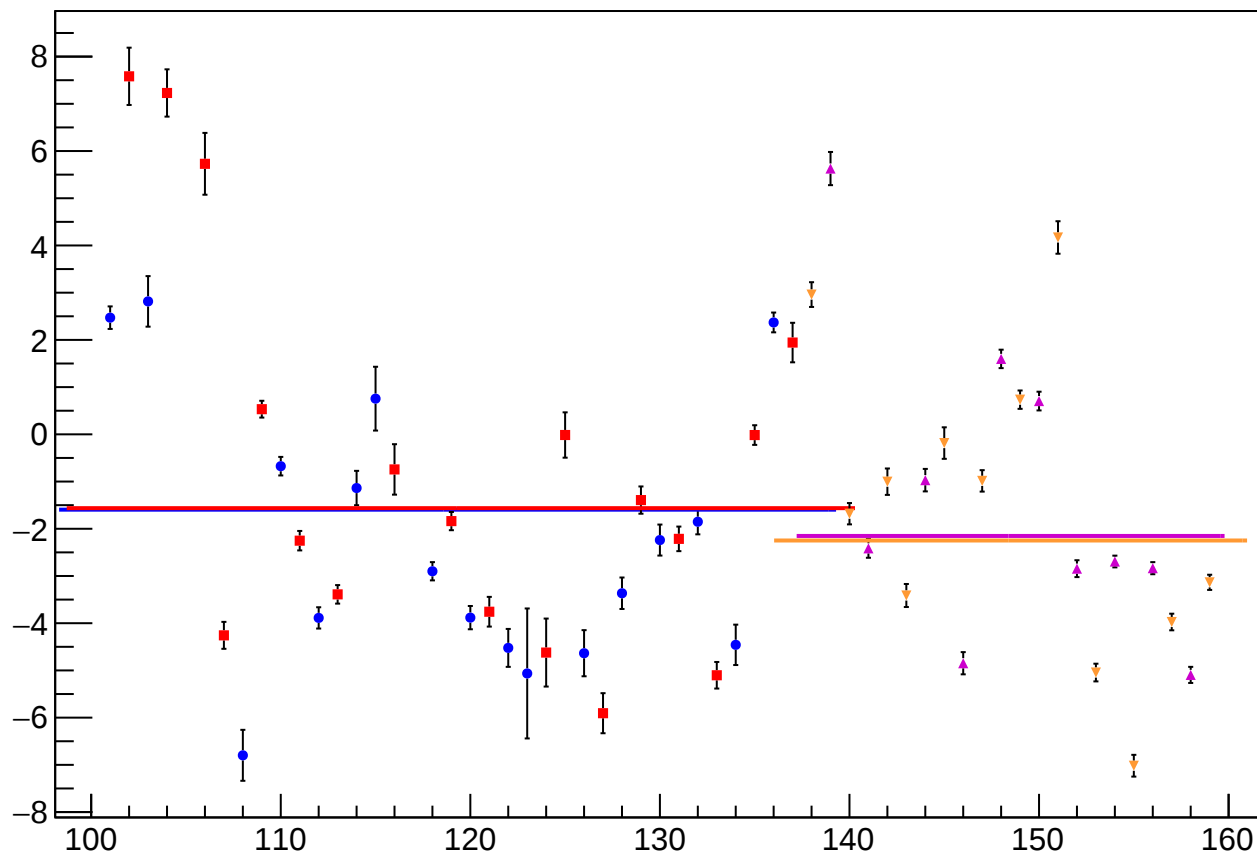
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 12.805 ± 0.058 $\chi^2/\text{NDF}: 57506.0/26$

Out: 13.961 ± 0.060 $\chi^2/\text{NDF}: 86384.5/29$

All: 13.355 ± 0.042 $\chi^2/\text{NDF}: 144082.8/56$

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: -2.248 ± 0.064 χ^2/NDF : 1873.5/11

Right Out: -1.564 ± 0.067 χ^2/NDF : 1461.9/17

Left In: -2.152 ± 0.057 χ^2/NDF : 1584.6/9

Left: -2.194 ± 0.042 χ^2/NDF : 3459.3/21

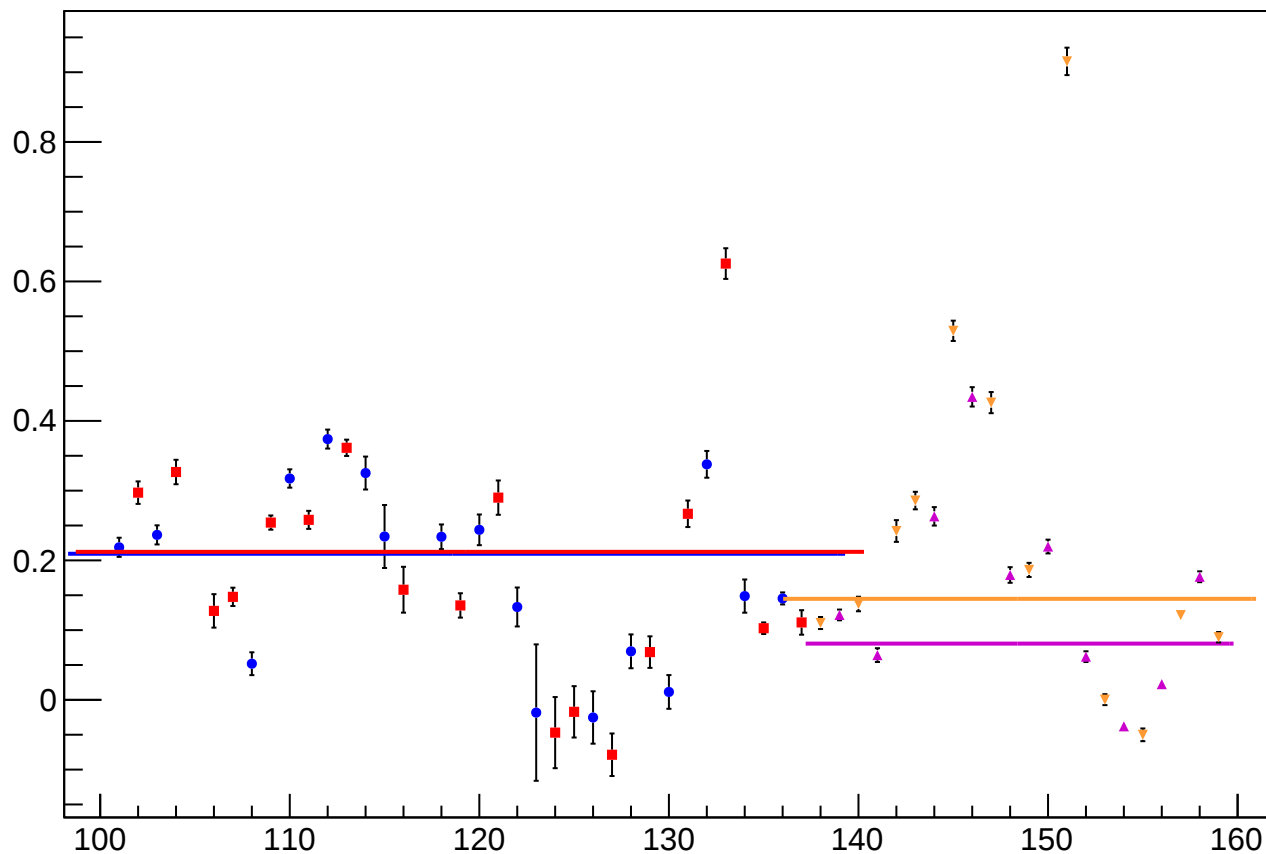
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.938 ± 0.044 χ^2/NDF : 2877.1/26

Out: -1.922 ± 0.046 χ^2/NDF : 3390.1/29

All: -1.931 ± 0.032 χ^2/NDF : 6267.3/56

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 ± 0.004 $\chi^2/\text{NDF}: 597.7/16$

Left Out: 0.145 ± 0.003 $\chi^2/\text{NDF}: 3638.7/11$

Right Out: 0.212 ± 0.004 $\chi^2/\text{NDF}: 1096.9/17$

Left In: 0.081 ± 0.002 $\chi^2/\text{NDF}: 1978.6/9$

Left: 0.108 ± 0.002 $\chi^2/\text{NDF}: 5910.3/21$

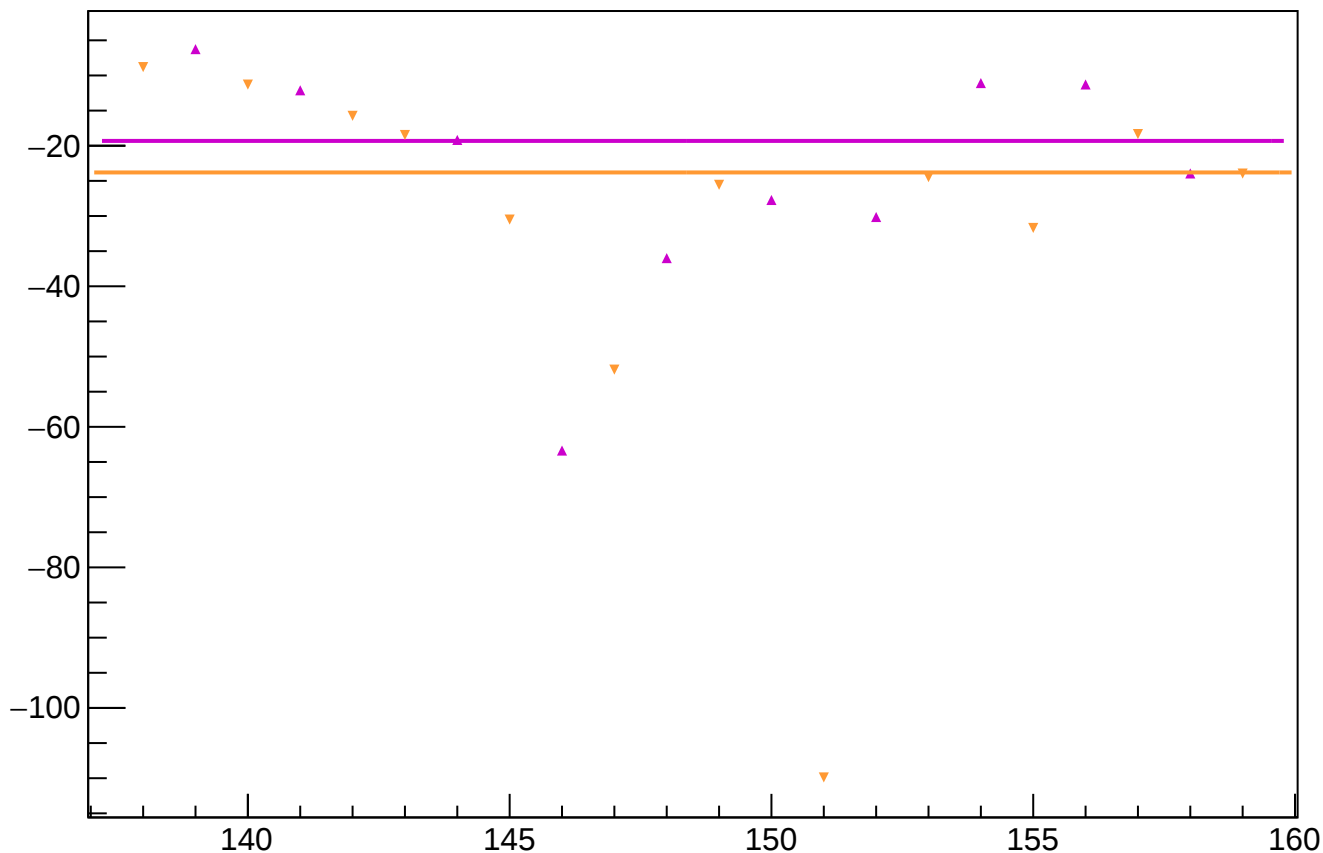
Right: 0.211 ± 0.003 $\chi^2/\text{NDF}: 1694.9/34$

In: 0.113 ± 0.002 $\chi^2/\text{NDF}: 3278.8/26$

Out: 0.169 ± 0.002 $\chi^2/\text{NDF}: 4938.5/29$

All: 0.139 ± 0.002 $\chi^2/\text{NDF}: 8546.5/56$

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: -23.801+/-0.078 χ^2/NDF :49496.2/11

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -19.313+/-0.071 χ^2/NDF :35765.2/9

Left: -21.345+/-0.052 χ^2/NDF : 87088.1/21

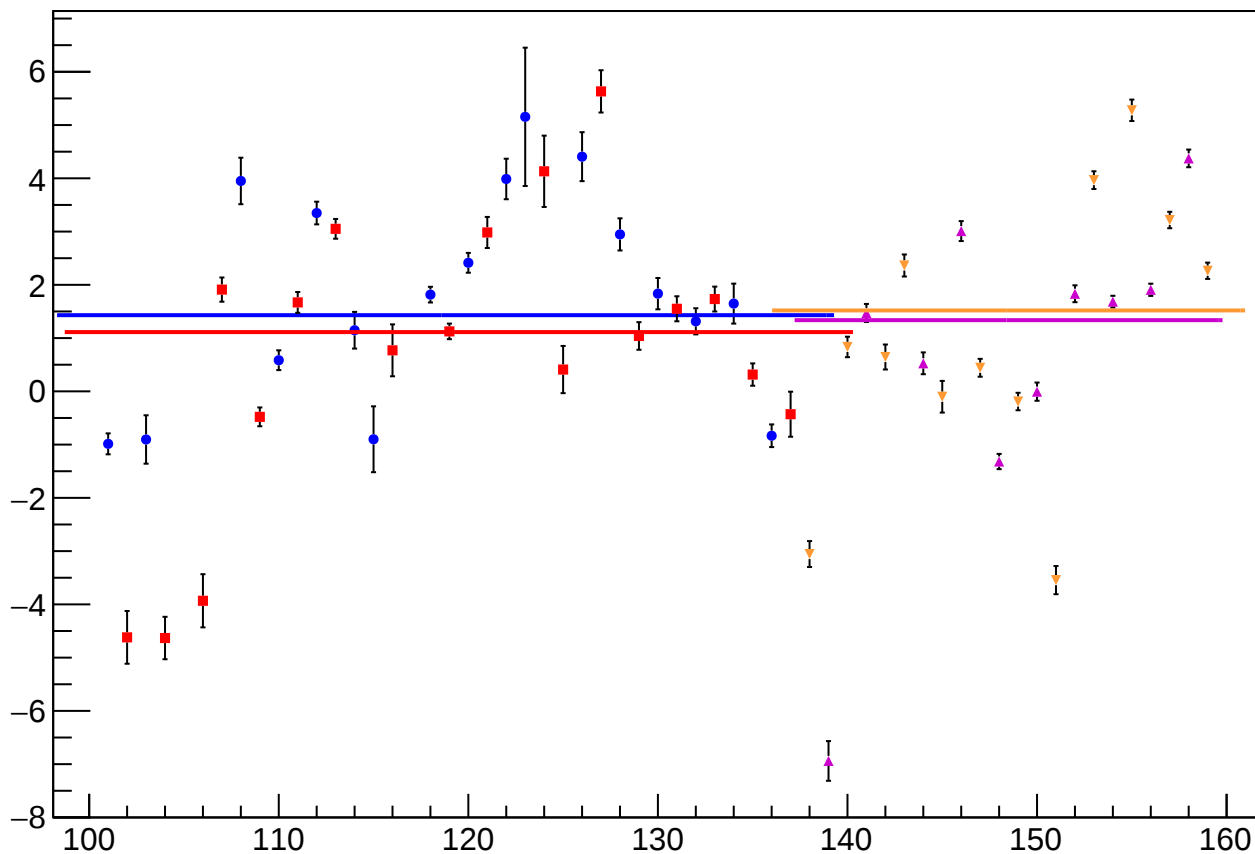
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.313+/-0.071 χ^2/NDF :35765.2/9

Out: -23.801+/-0.078 χ^2/NDF :49496.2/11

All: -21.345+/-0.052 χ^2/NDF : 87088.1/21

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.430 ± 0.063 $\chi^2/\text{NDF}: 598.0/16$

Left Out: 1.519 ± 0.055 $\chi^2/\text{NDF}: 1653.2/11$

Right Out: 1.113 ± 0.060 $\chi^2/\text{NDF}: 887.6/17$

Left In: 1.336 ± 0.049 $\chi^2/\text{NDF}: 1374.1/9$

Left: 1.418 ± 0.037 $\chi^2/\text{NDF}: 3033.4/21$

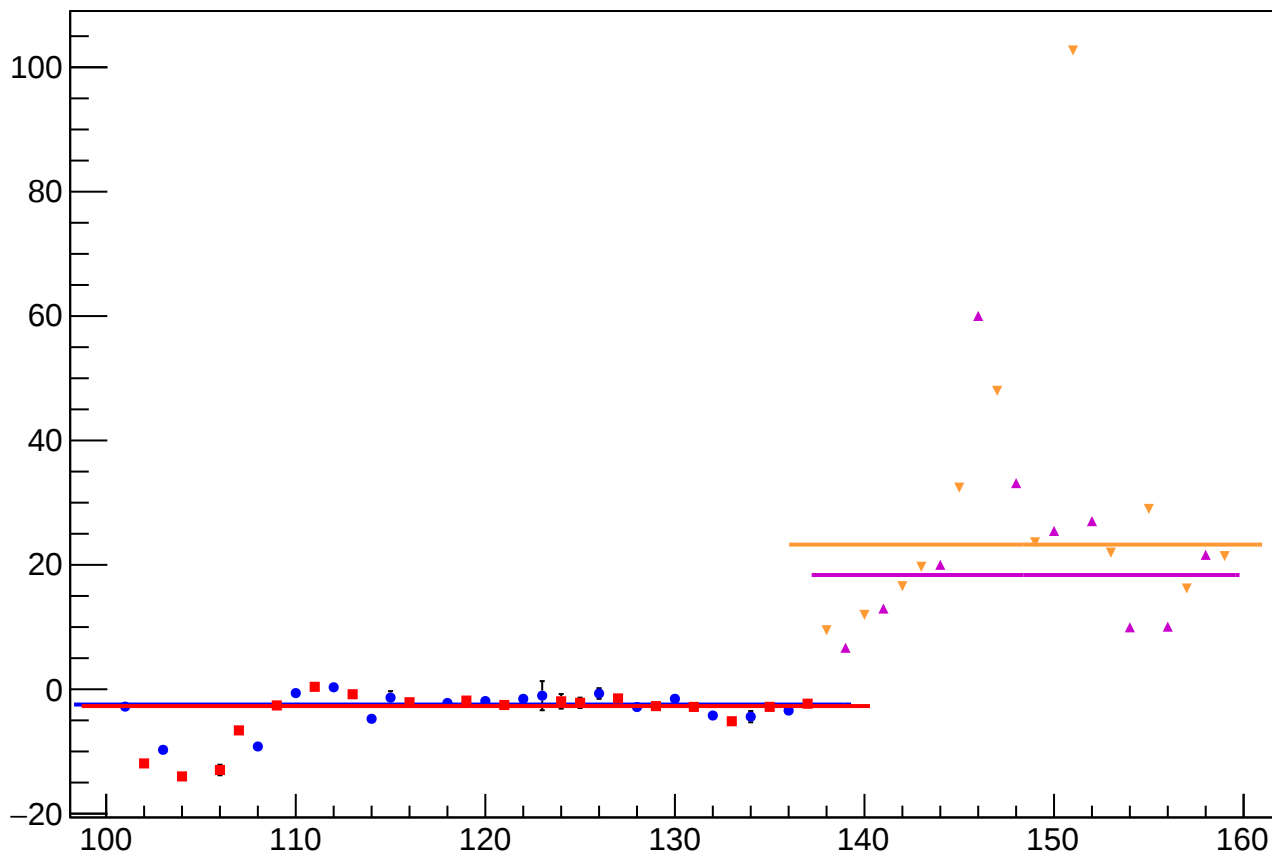
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.372 ± 0.039 $\chi^2/\text{NDF}: 1973.5/26$

Out: 1.333 ± 0.041 $\chi^2/\text{NDF}: 2565.7/29$

All: 1.354 ± 0.028 $\chi^2/\text{NDF}: 4539.7/56$

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: 23.261 ± 0.076 χ^2/NDF : 44800.8/11

Right Out: -2.700 ± 0.104 χ^2/NDF : 829.7/17

Left In: 18.370 ± 0.068 χ^2/NDF : 33469.0/9

Left: 20.544 ± 0.051 χ^2/NDF : 80563.9/21

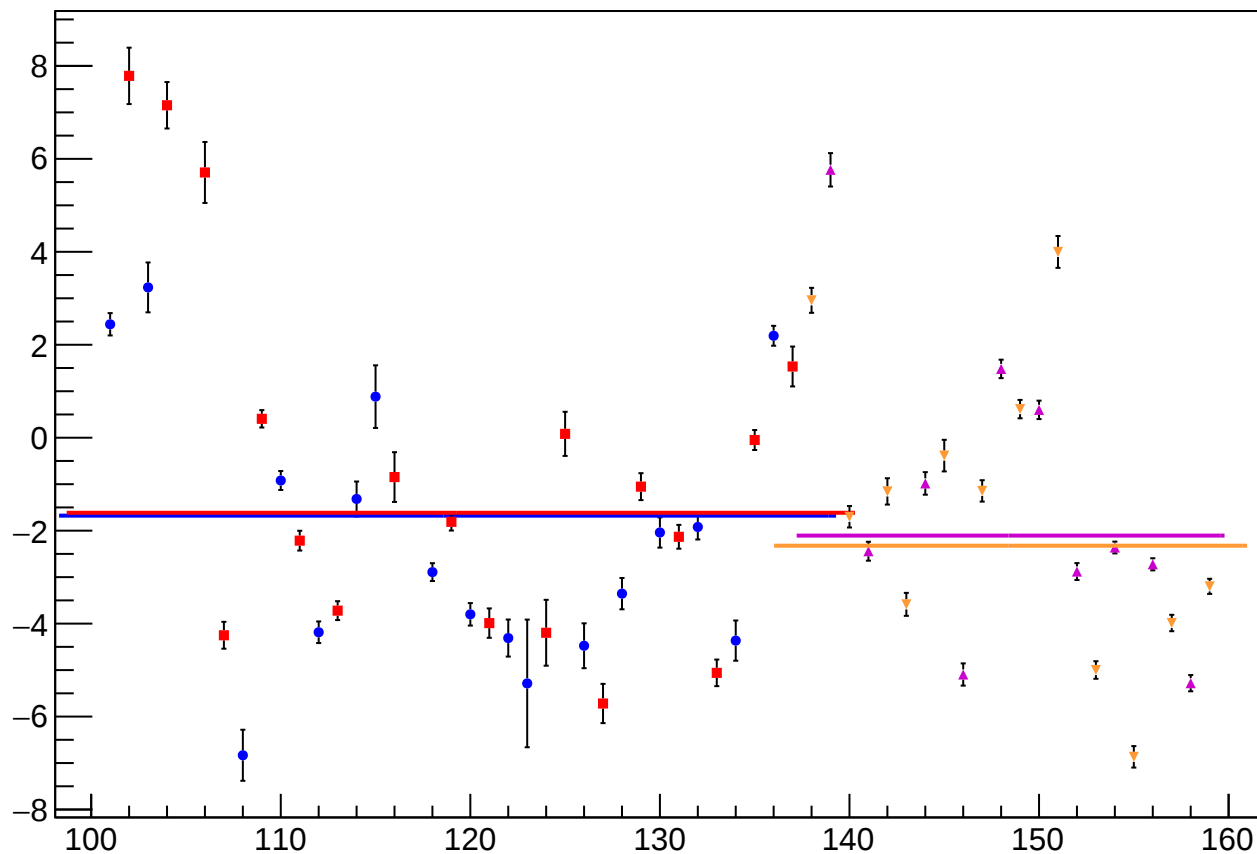
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.934 ± 0.059 χ^2/NDF : 58310.8/26

Out: 14.156 ± 0.061 χ^2/NDF : 86431.2/29

All: 13.517 ± 0.042 χ^2/NDF : 144949.6/56

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: -2.324 ± 0.065 χ^2/NDF : 1760.3/11

Right Out: -1.615 ± 0.068 χ^2/NDF : 1427.3/17

Left In: -2.106 ± 0.058 χ^2/NDF : 1547.8/9

Left: -2.202 ± 0.043 χ^2/NDF : 3314.4/21

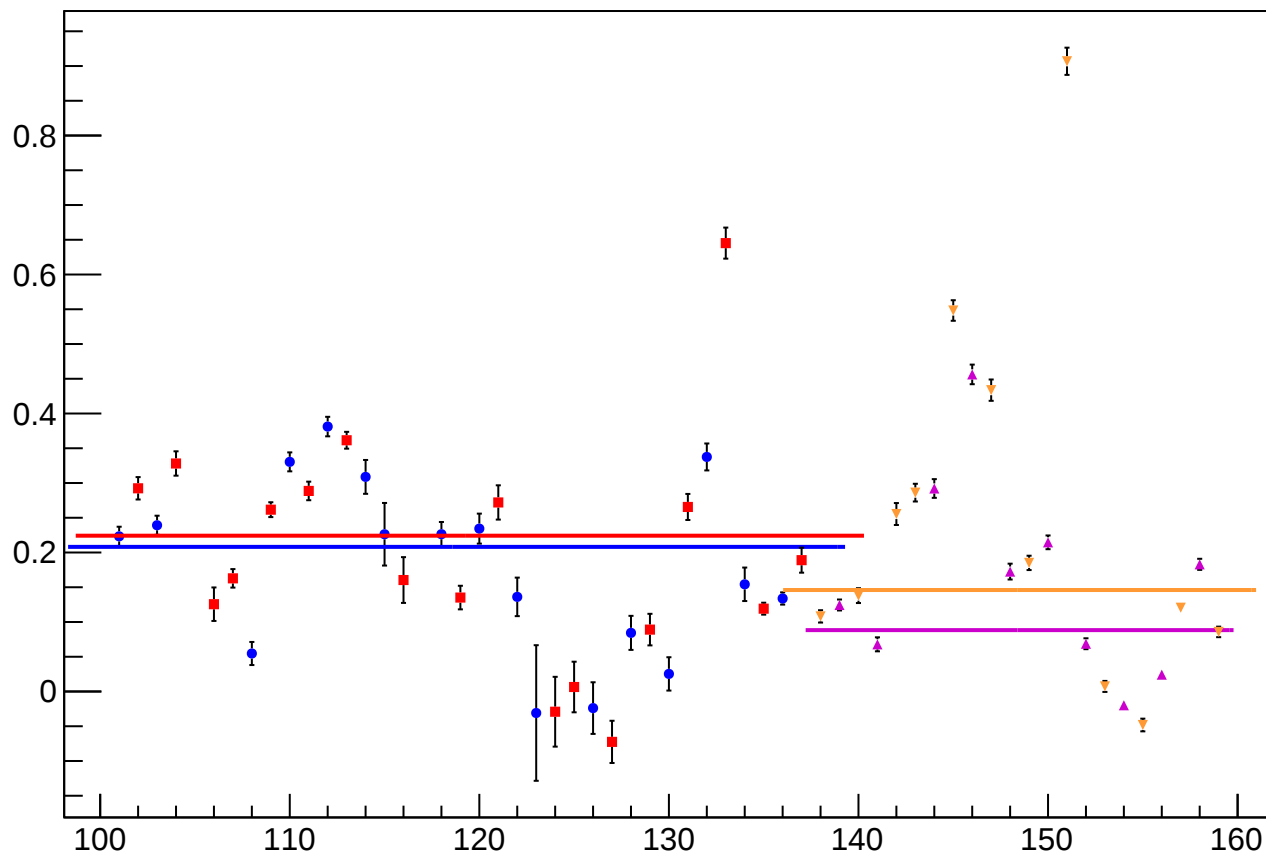
Right: -1.644 ± 0.050 χ^2/NDF : 2632.5/34

In: -1.940 ± 0.045 χ^2/NDF : 2774.1/26

Out: -1.987 ± 0.047 χ^2/NDF : 3244.8/29

All: -1.963 ± 0.032 χ^2/NDF : 6019.4/56

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: 0.146 $\pm$ 0.003 χ^2 /NDF:3639.0/11

Right Out: 0.224 $\pm$ 0.004 χ^2 /NDF: 995.8/17

Left In: 0.088 $\pm$ 0.002 χ^2 /NDF:1889.3/9

Left: 0.113 $\pm$ 0.002 χ^2 /NDF: 5758.2/21

Right: 0.217 $\pm$ 0.003 χ^2 /NDF: 1603.8/34

In: 0.119 $\pm$ 0.002 χ^2 /NDF:3079.2/26

Out: 0.174 $\pm$ 0.002 χ^2 /NDF:4898.6/29

All: 0.144 $\pm$ 0.002 χ^2 /NDF: 8287.1/56