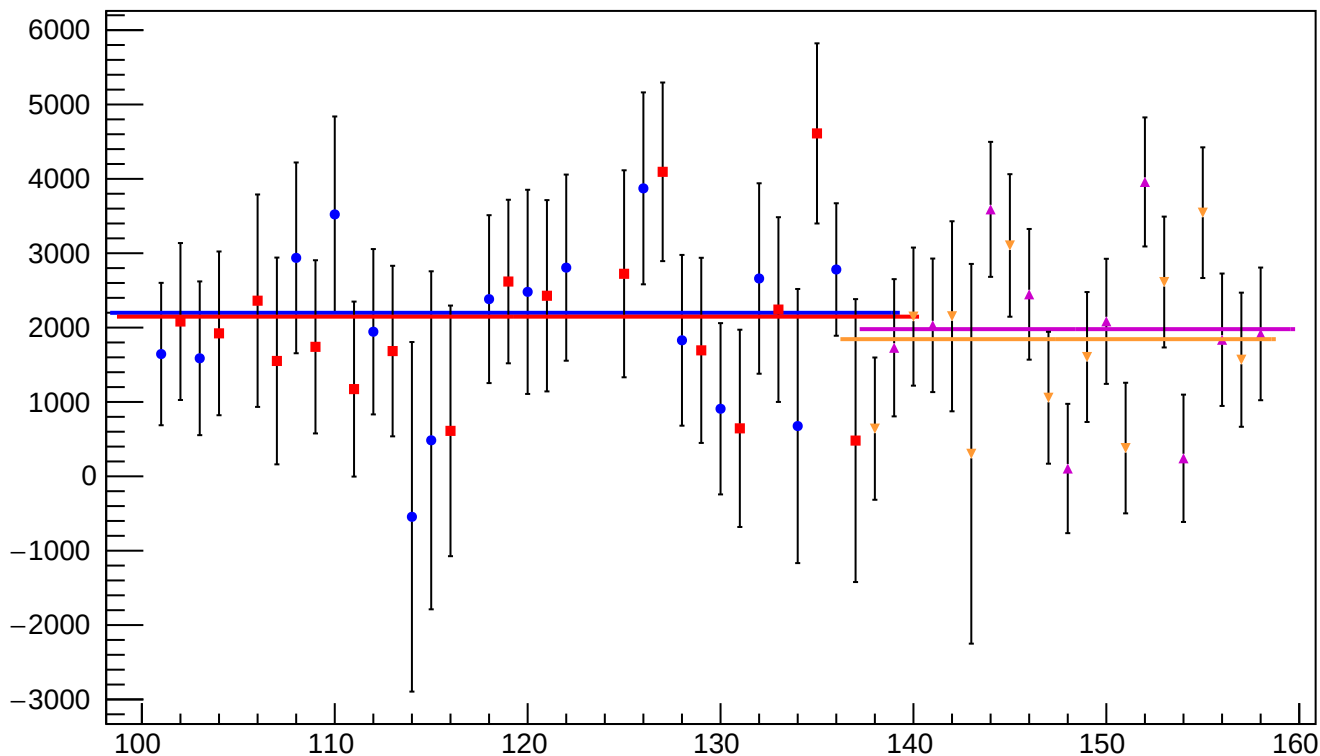


dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2198.880+/-306.767

Left Out: 1844.513+/-291.088

Right Out: 2147.149+/-304.804

Left In: 1979.236+/-278.729

χ^2/NDF : 8.6/15

χ^2/NDF : 12.1/10

χ^2/NDF : 11.4/16

χ^2/NDF : 17.5/9

Left: 1914.795+/-201.319

Right: 2172.848+/-216.219

In: 2078.564+/-206.293

Out: 1988.869+/-210.512

All: 2034.624+/-147.340

χ^2/NDF : 29.7/20

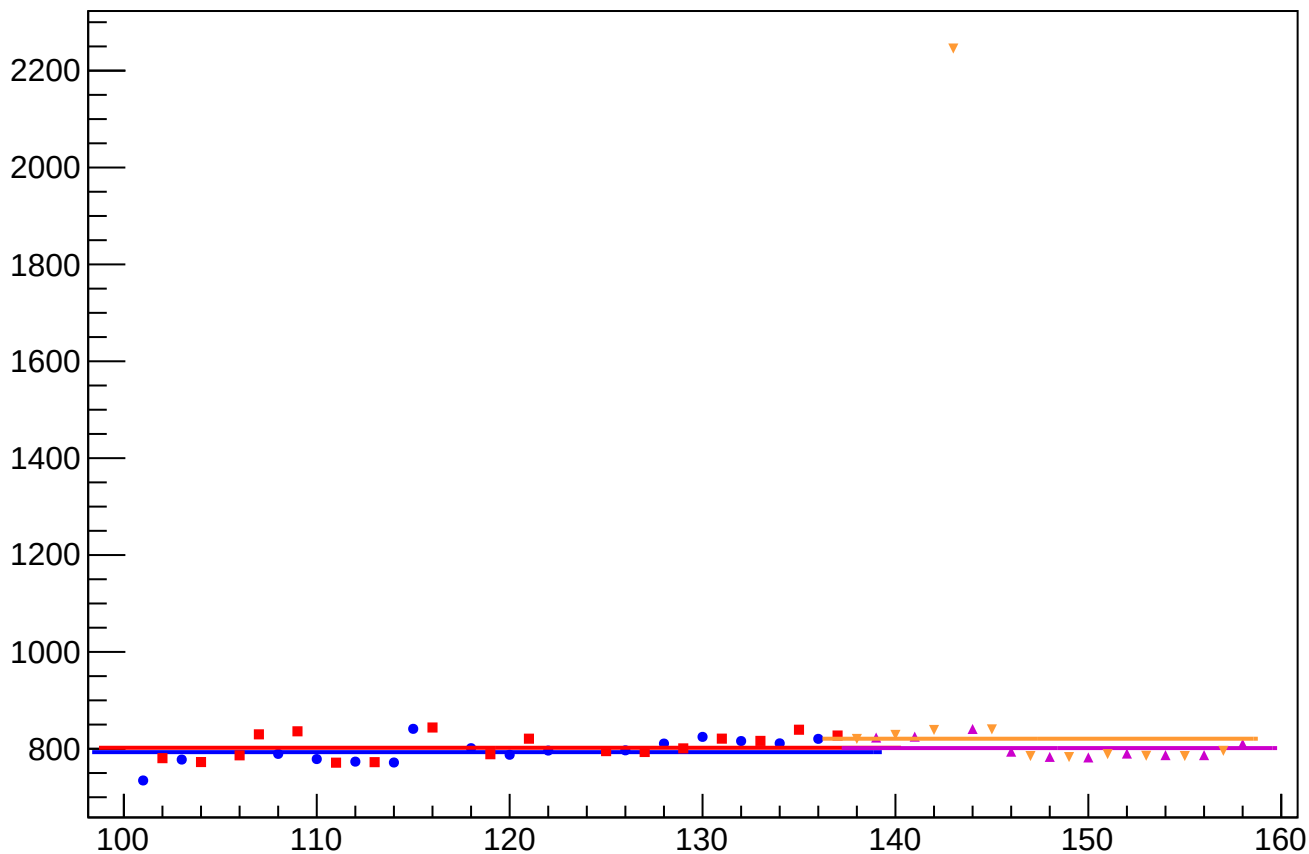
χ^2/NDF : 20.0/32

χ^2/NDF : 26.4/25

χ^2/NDF : 24.0/27

χ^2/NDF : 50.5/53

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 820.813 $\pm$ 0.206 χ^2/NDF : 641986.1/10

Right Out: 802.148 $\pm$ 0.216 χ^2/NDF : 12723.5/16

Left In: 801.461 $\pm$ 0.197 χ^2/NDF : 9978.9/9

Left: 810.718 $\pm$ 0.142 χ^2/NDF : 656576.7/20

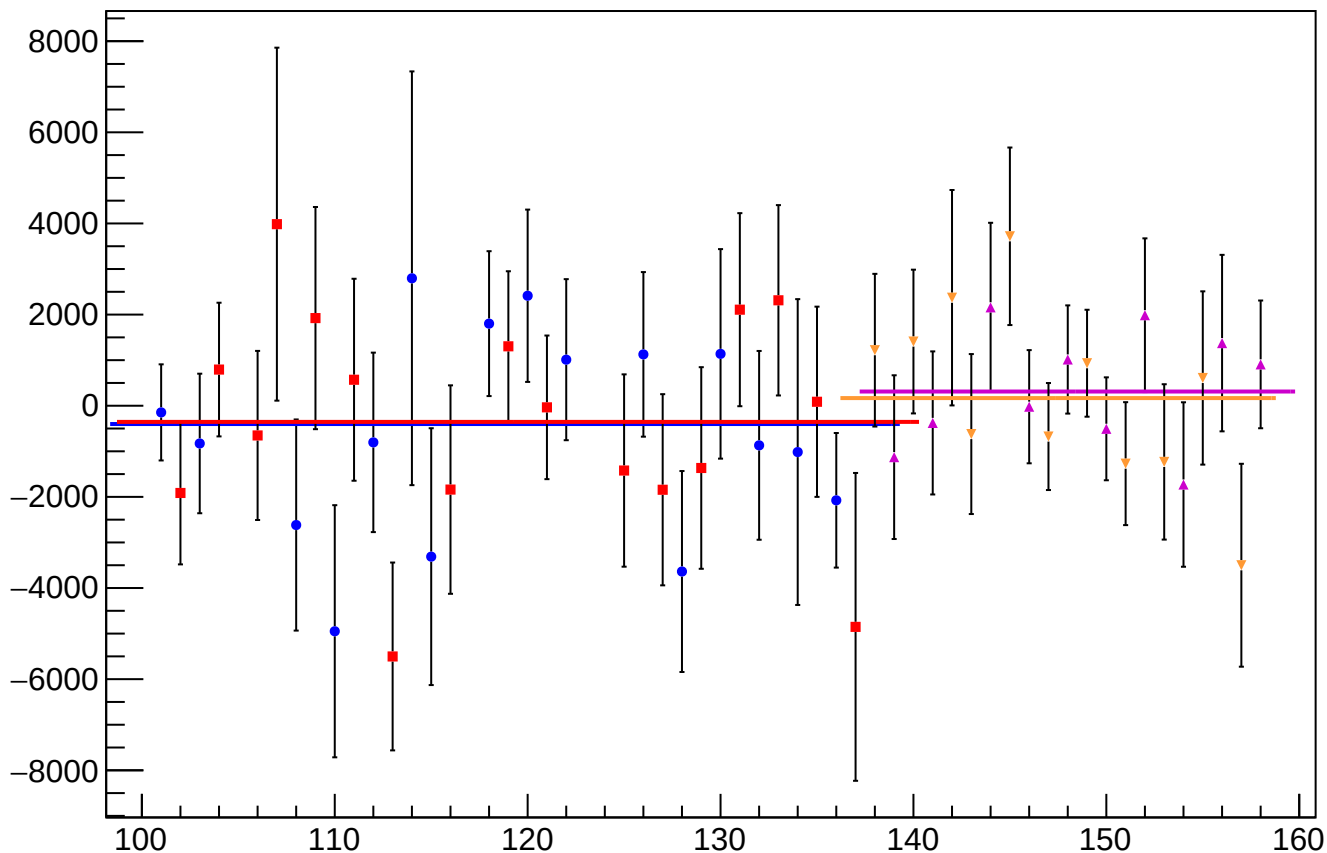
Right: 797.648 $\pm$ 0.153 χ^2/NDF : 28303.8/32

In: 797.676 $\pm$ 0.146 χ^2/NDF : 25497.6/25

Out: 811.910 $\pm$ 0.149 χ^2/NDF : 658632.2/27

All: 804.649 $\pm$ 0.104 χ^2/NDF : 688794.4/53

asym_us_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 167.793 $\pm$ 479.489 χ^2 /NDF:10.9/10

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: 241.753 $\pm$ 334.598 χ^2 /NDF: 16.5/20

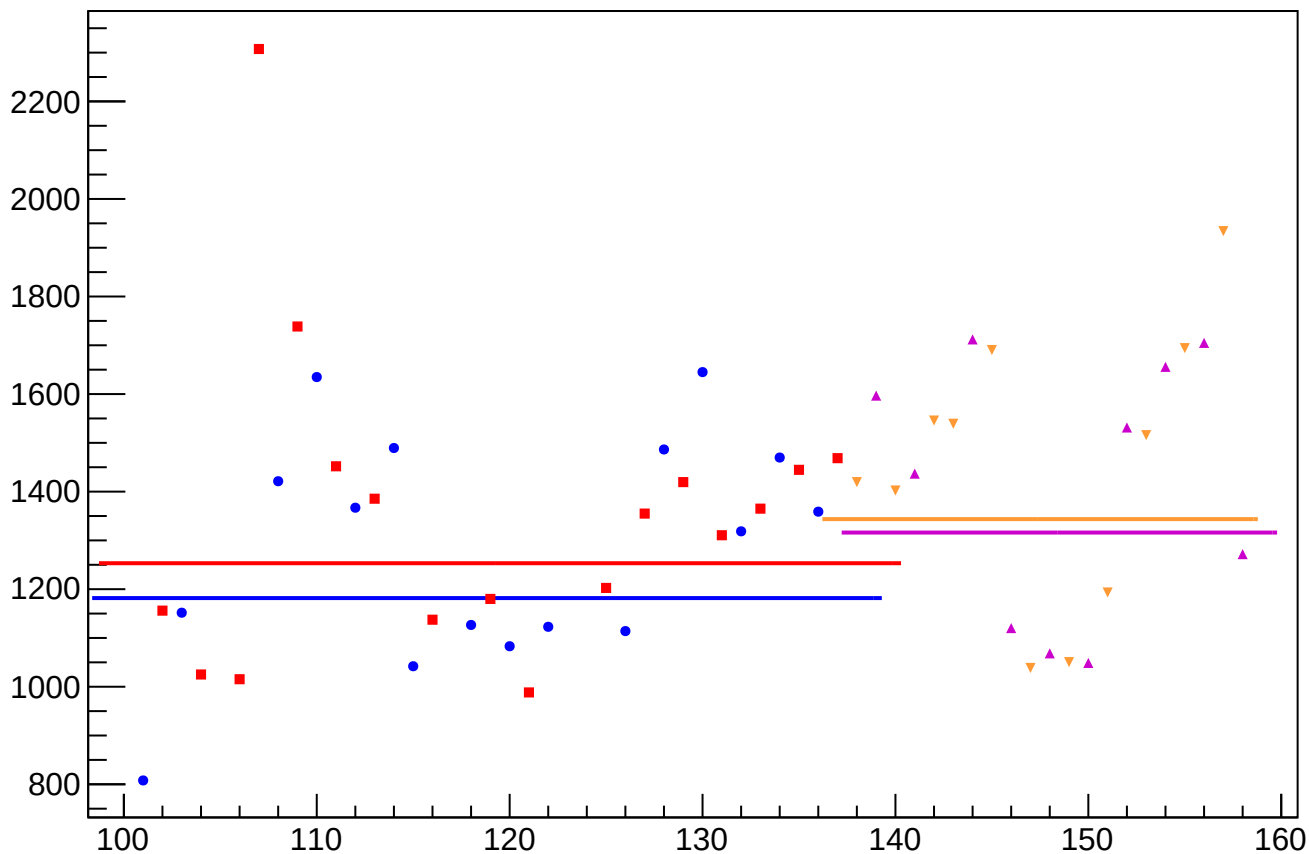
Right: -378.842 $\pm$ 337.535 χ^2 /NDF: 32.2/32

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

Out: -89.531 $\pm$ 341.511 χ^2 /NDF:28.9/27

All: -65.832 $\pm$ 237.628 χ^2 /NDF: 50.4/53

asym_us_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1343.624 $\pm$ 0.339 χ^2/NDF : 623498.7/10

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

Left In: 1316.096 $\pm$ 0.330 χ^2/NDF : 586736.0/9

Left: 1329.501 $\pm$ 0.237 χ^2/NDF : 1213616.5/20

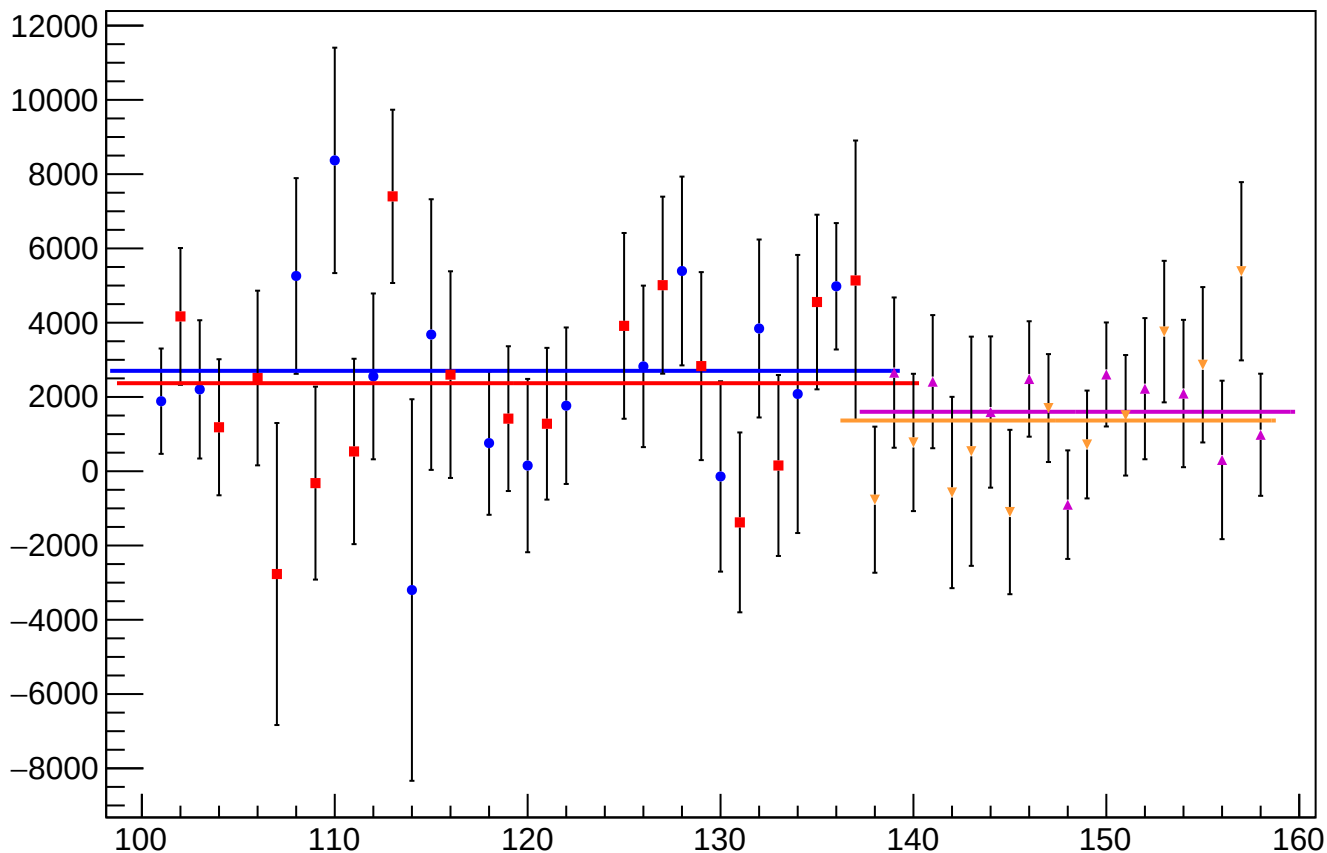
Right: 1216.159 $\pm$ 0.239 χ^2/NDF : 1021509.6/32

In: 1249.151 $\pm$ 0.234 χ^2/NDF : 1212648.7/25

Out: 1299.081 $\pm$ 0.241 χ^2/NDF : 1114168.2/27

All: 1273.325 $\pm$ 0.168 χ^2/NDF : 2348869.2/53

asym_us_avg_mean vs Slug, Sign Corrected



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

Left Out: 1365.907 $\pm$ 575.806 χ^2 /NDF:8.3/10

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

Left In: 1600.788 $\pm$ 549.753 χ^2 /NDF:4.9/9

Left: 1488.782 $\pm$ 397.625 χ^2 /NDF: 13.3/20

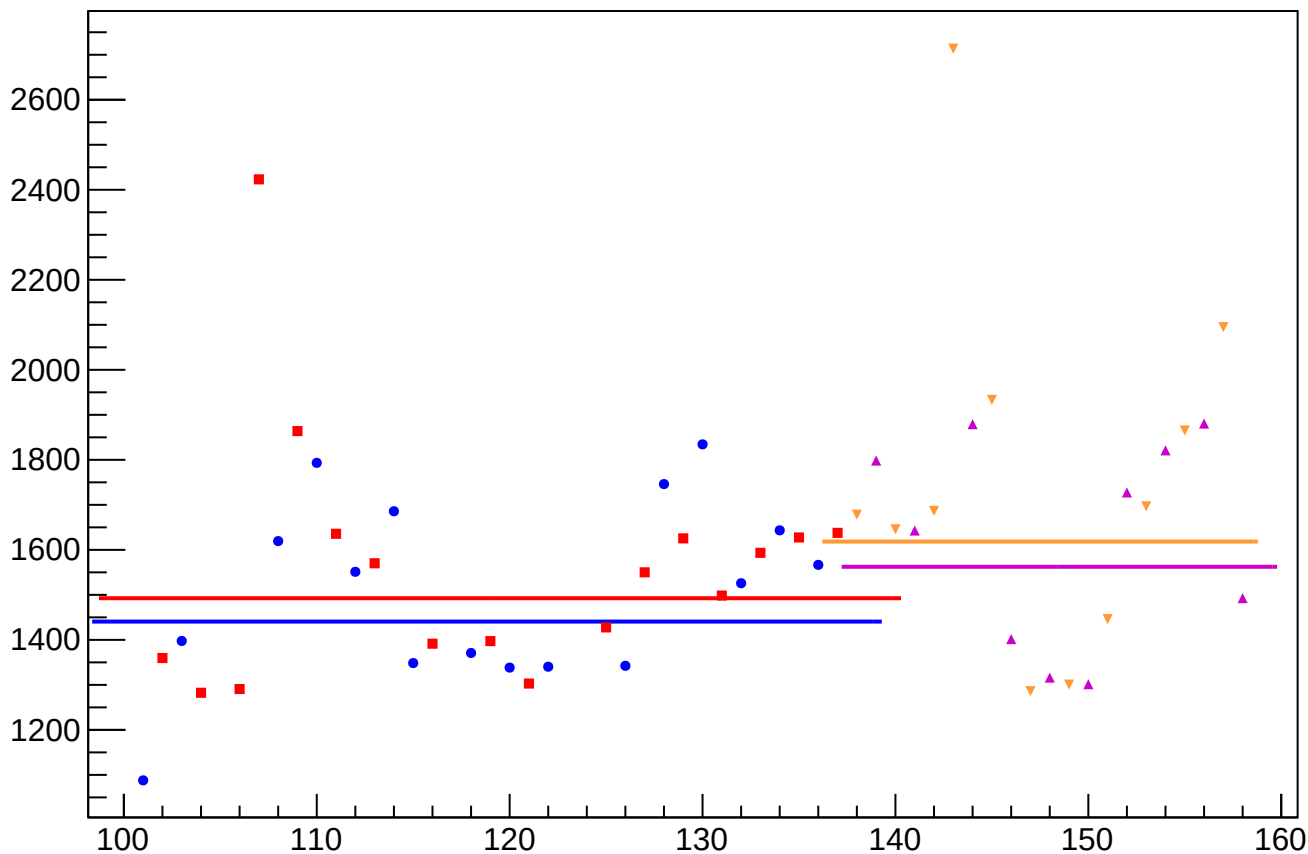
Right: 2539.780 $\pm$ 402.301 χ^2 /NDF: 29.2/32

In: 2137.639 $\pm$ 393.846 χ^2 /NDF:19.9/25

Out: 1870.294 $\pm$ 406.332 χ^2 /NDF:25.9/27

All: 2008.137 $\pm$ 282.802 χ^2 /NDF: 46.0/53

asym_us_avg_rms vs Slug, Sign Corrected



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

Left Out: 1618.391 $\pm$ 0.407 χ^2/NDF : 629142.8/10

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: 1589.089 $\pm$ 0.281 χ^2/NDF : 963370.9/20

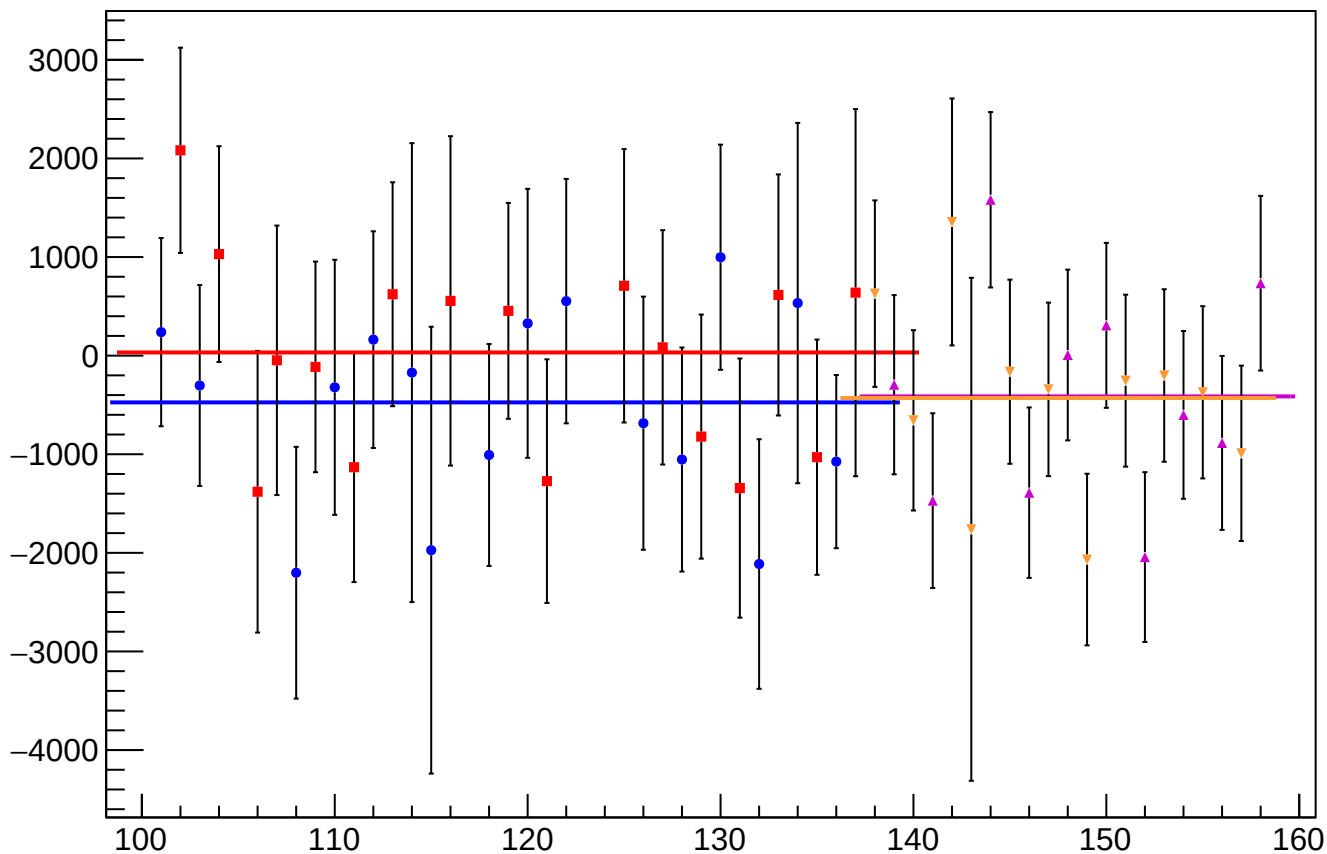
Right: 1466.182 $\pm$ 0.284 χ^2/NDF : 542080.9/32

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

Out: 1555.206 $\pm$ 0.287 χ^2/NDF : 928621.3/27

All: 1528.354 $\pm$ 0.200 χ^2/NDF : 1599879.8/53

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: -429.714 ± 287.931 χ^2/NDF : 7.8/10

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: -421.165 ± 199.199 χ^2/NDF : 22.1/20

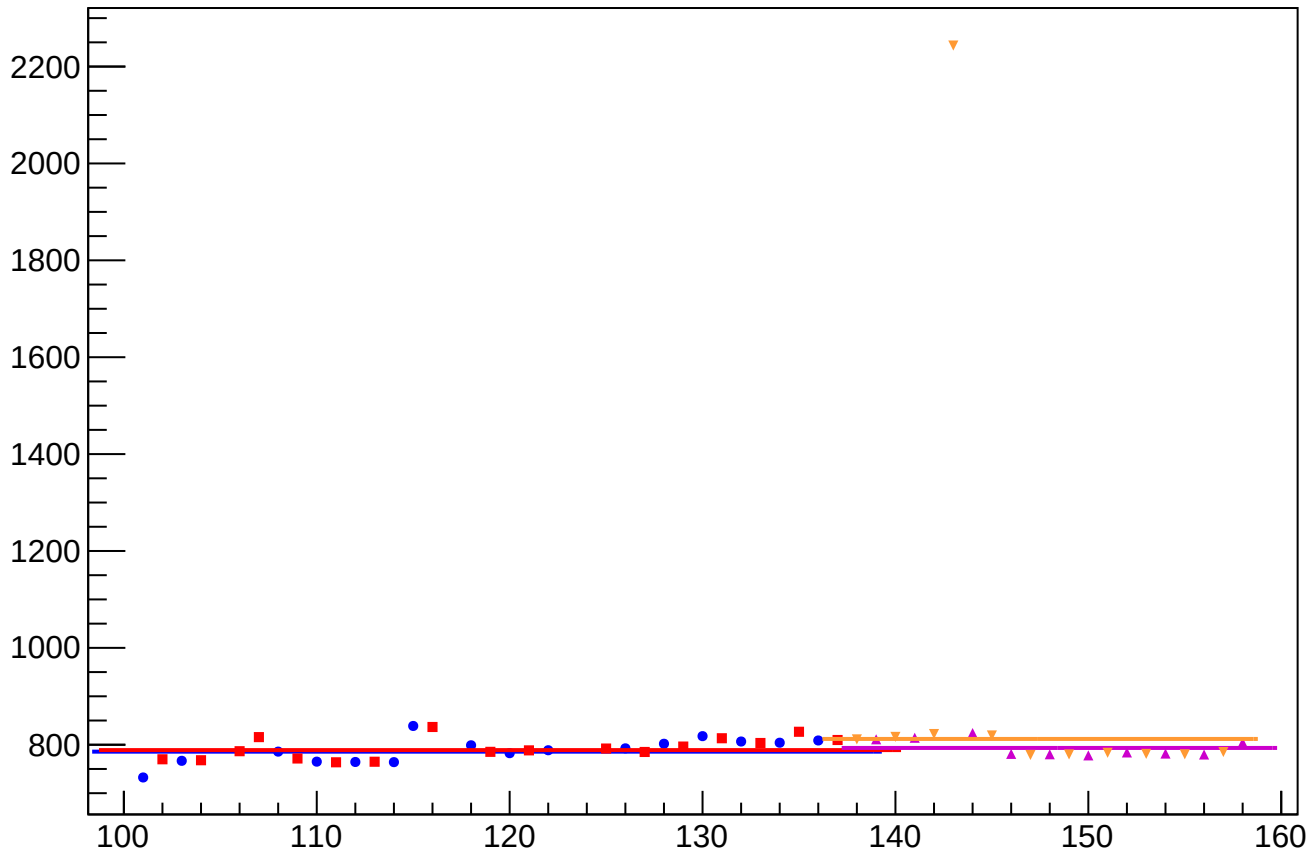
Right: -217.229 ± 213.362 χ^2/NDF : 21.6/32

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

Out: -207.814 ± 207.604 χ^2/NDF : 20.3/27

All: -326.190 ± 145.605 χ^2/NDF : 44.1/53

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 785.746 ± 0.215 χ^2/NDF : 13921.5/15

Left Out: 811.985 ± 0.204 χ^2/NDF : 644898.7/10

Right Out: 788.940 ± 0.212 χ^2/NDF : 9525.0/16

Left In: 793.392 ± 0.195 χ^2/NDF : 7204.7/9

Left: 802.291 ± 0.141 χ^2/NDF : 656451.5/20

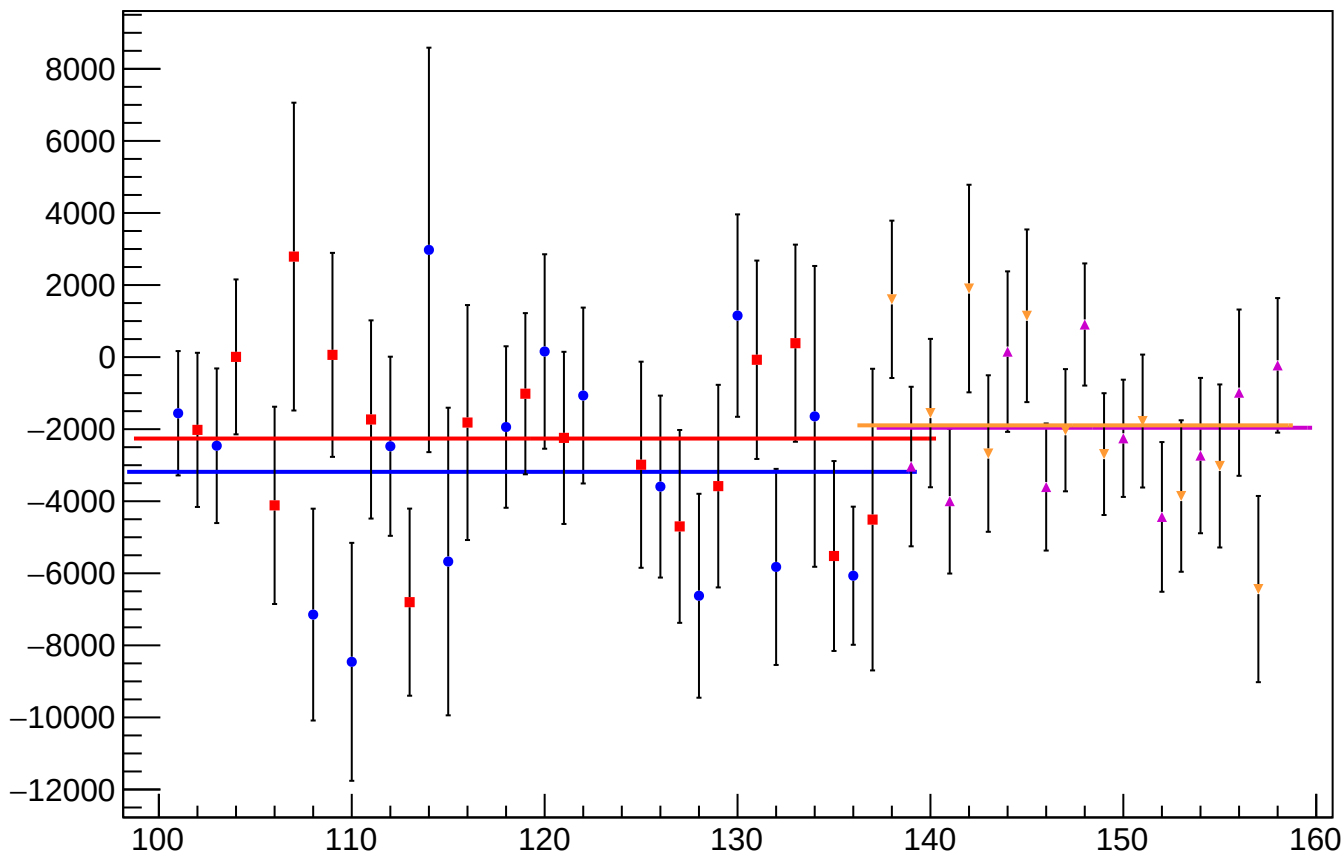
Right: 787.366 ± 0.151 χ^2/NDF : 23558.6/32

In: 789.938 ± 0.144 χ^2/NDF : 21820.2/25

Out: 800.920 ± 0.147 χ^2/NDF : 660574.7/27

All: 795.340 ± 0.103 χ^2/NDF : 685238.9/53

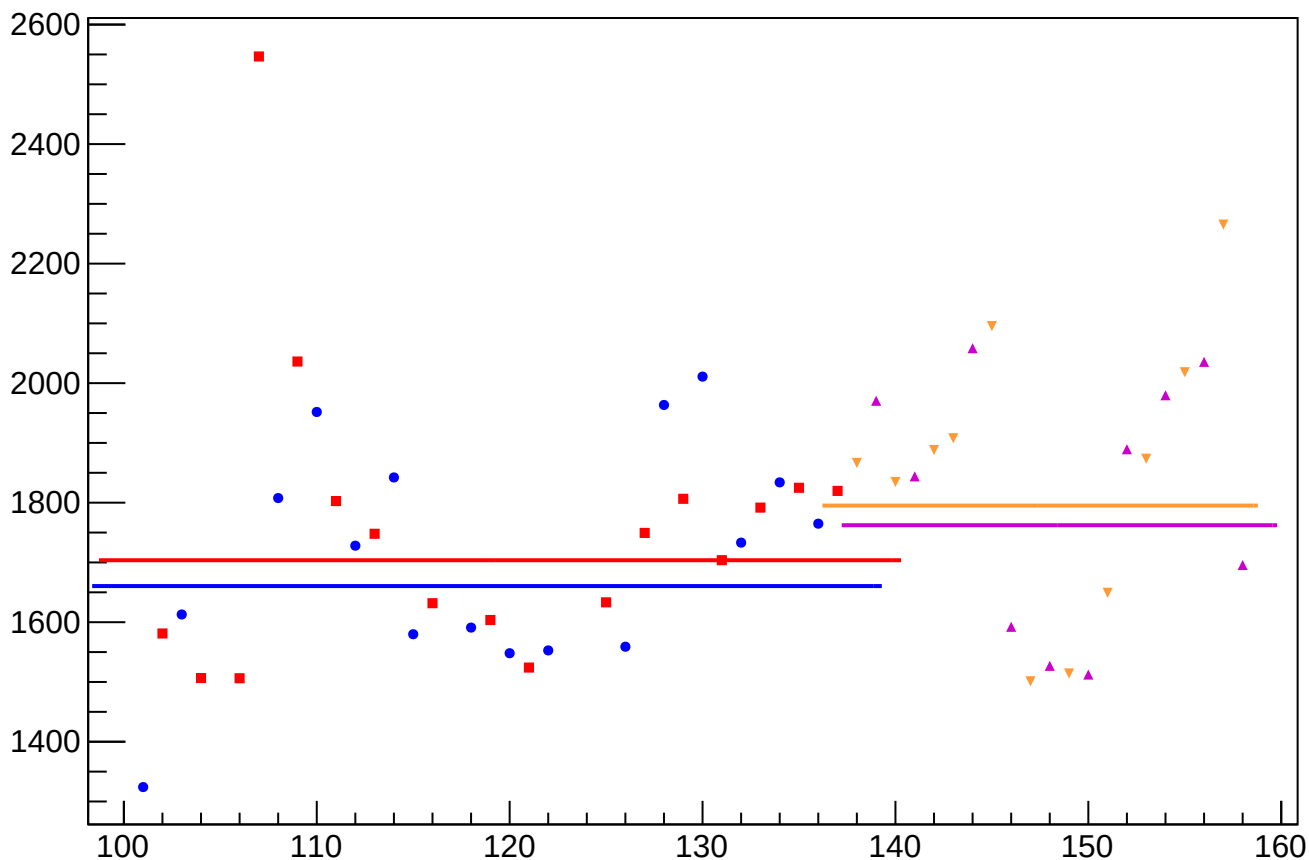
asym_us_dd_correction_mean vs Slug, Sign Corrected



Right In: -3184.522 $\pm$ 647.361 χ^2 /NDF: 16.8/15
 Left Out: -1894.269 $\pm$ 630.547 χ^2 /NDF:10.5/10
 Right Out: -2260.241 $\pm$ 651.957 χ^2 /NDF: 11.6/16
 Left In: -1960.948 $\pm$ 617.596 χ^2 /NDF:8.5/9

Left: -1928.300 $\pm$ 441.214 χ^2 /NDF: 19.0/20
 Right: -2725.651 $\pm$ 459.370 χ^2 /NDF: 29.4/32
 In: -2543.960 $\pm$ 446.859 χ^2 /NDF:27.2/25
 Out: -2071.147 $\pm$ 453.244 χ^2 /NDF:22.3/27
 All: -2310.908 $\pm$ 318.210 χ^2 /NDF: 50.0/53

asym_us_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 1795.138 $\pm$ 0.446 χ^2 /NDF: 258059.1/10

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: 1778.369 $\pm$ 0.312 χ^2 /NDF: 479925.2/20

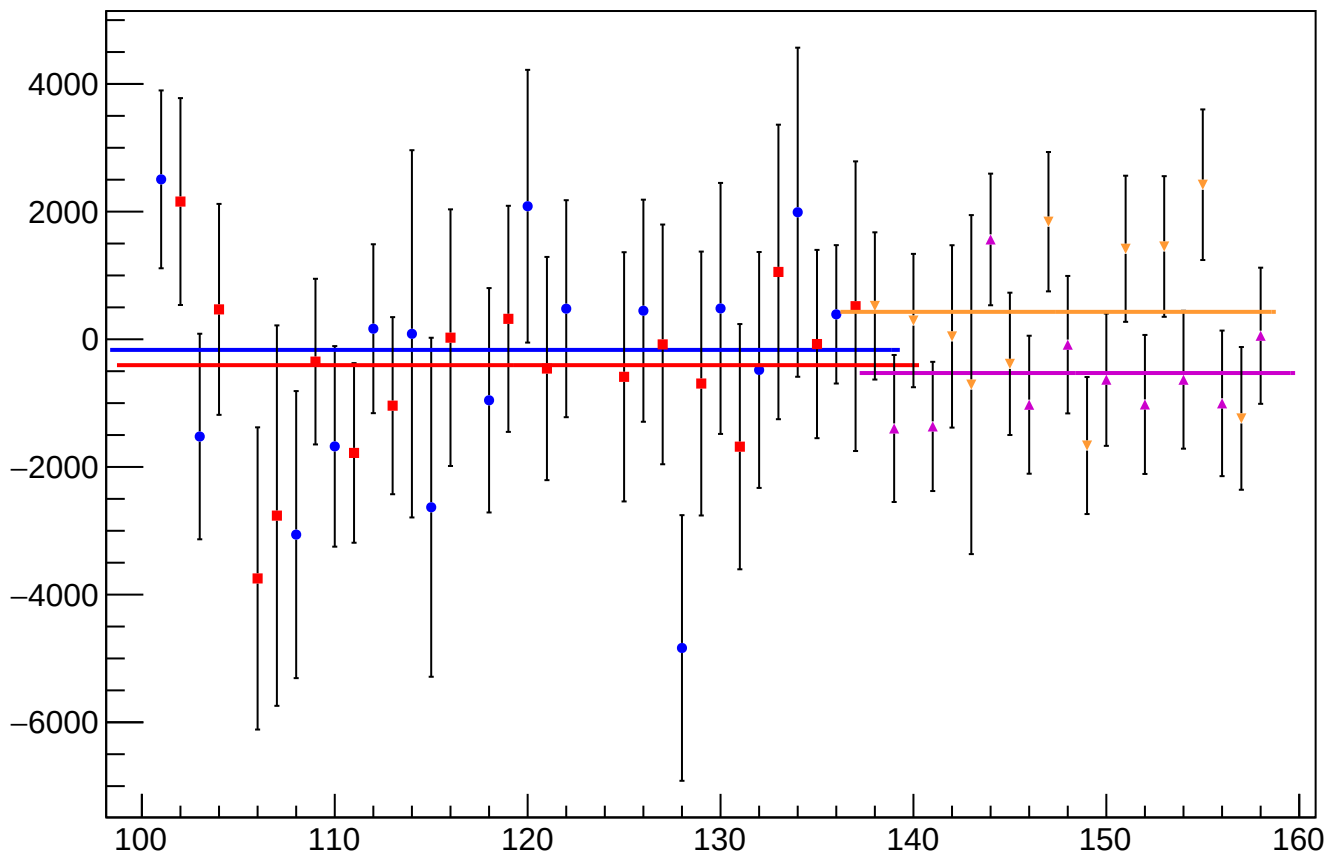
Right: 1681.918 $\pm$ 0.325 χ^2 /NDF: 354656.9/32

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

Out: 1750.935 $\pm$ 0.320 χ^2 /NDF: 449420.9/27

All: 1732.087 $\pm$ 0.225 χ^2 /NDF: 880443.9/53

asym_us_dd_mean vs Slug, Sign Corrected



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

Left Out: 429.796 ± 355.378 χ^2/NDF : 13.0/10

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: -71.079 ± 245.534 χ^2/NDF : 23.2/20

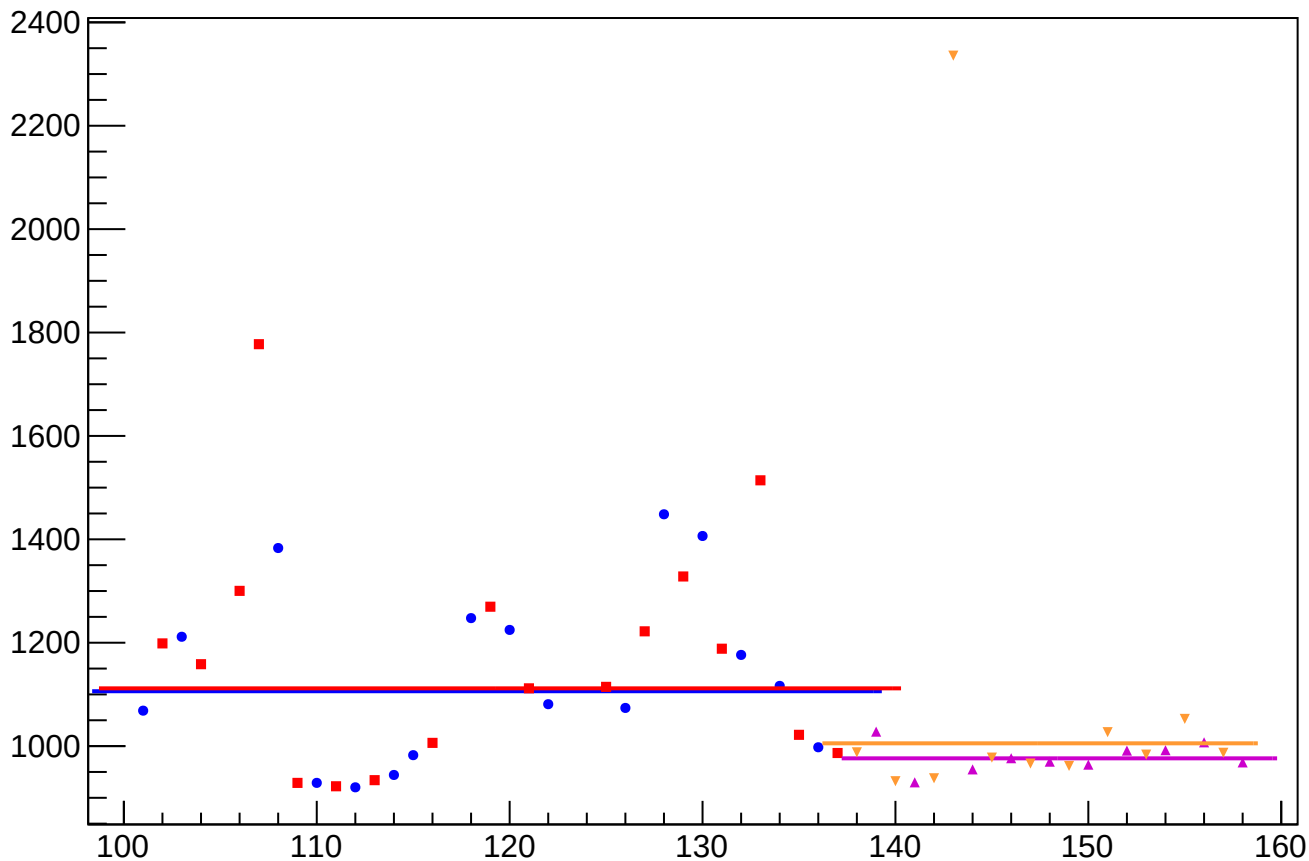
Right: -286.949 ± 304.505 χ^2/NDF : 23.7/32

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

Out: 89.592 ± 273.574 χ^2/NDF : 23.1/27

All: -156.134 ± 191.138 χ^2/NDF : 47.2/53

asym_us_dd_rms vs Slug, Sign Corrected



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

Left Out: 1005.395+/-0.251 χ^2/NDF : 529034.6/10

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: 990.210+/-0.174 χ^2/NDF : 547846.4/20

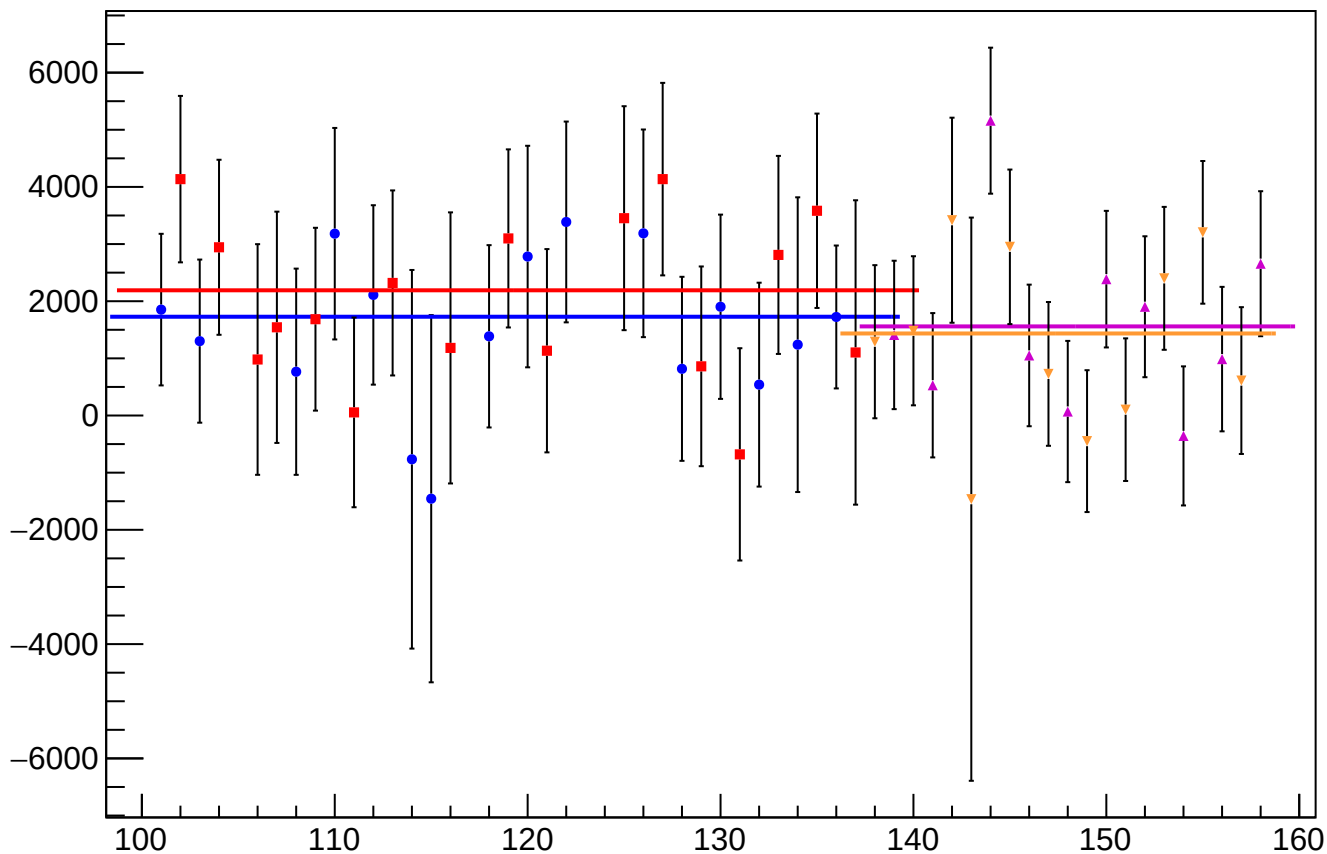
Right: 1108.969+/-0.215 χ^2/NDF : 616473.4/32

In: 1025.833+/-0.189 χ^2/NDF : 383143.0/25

Out: 1048.713+/-0.193 χ^2/NDF : 958364.9/27

All: 1037.002+/-0.135 χ^2/NDF : 1348668.4/53

dit_asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 1435.485 $\pm$ 413.293 χ^2/NDF : 9.6/10

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: 1500.218 $\pm$ 285.430 χ^2/NDF : 23.9/20

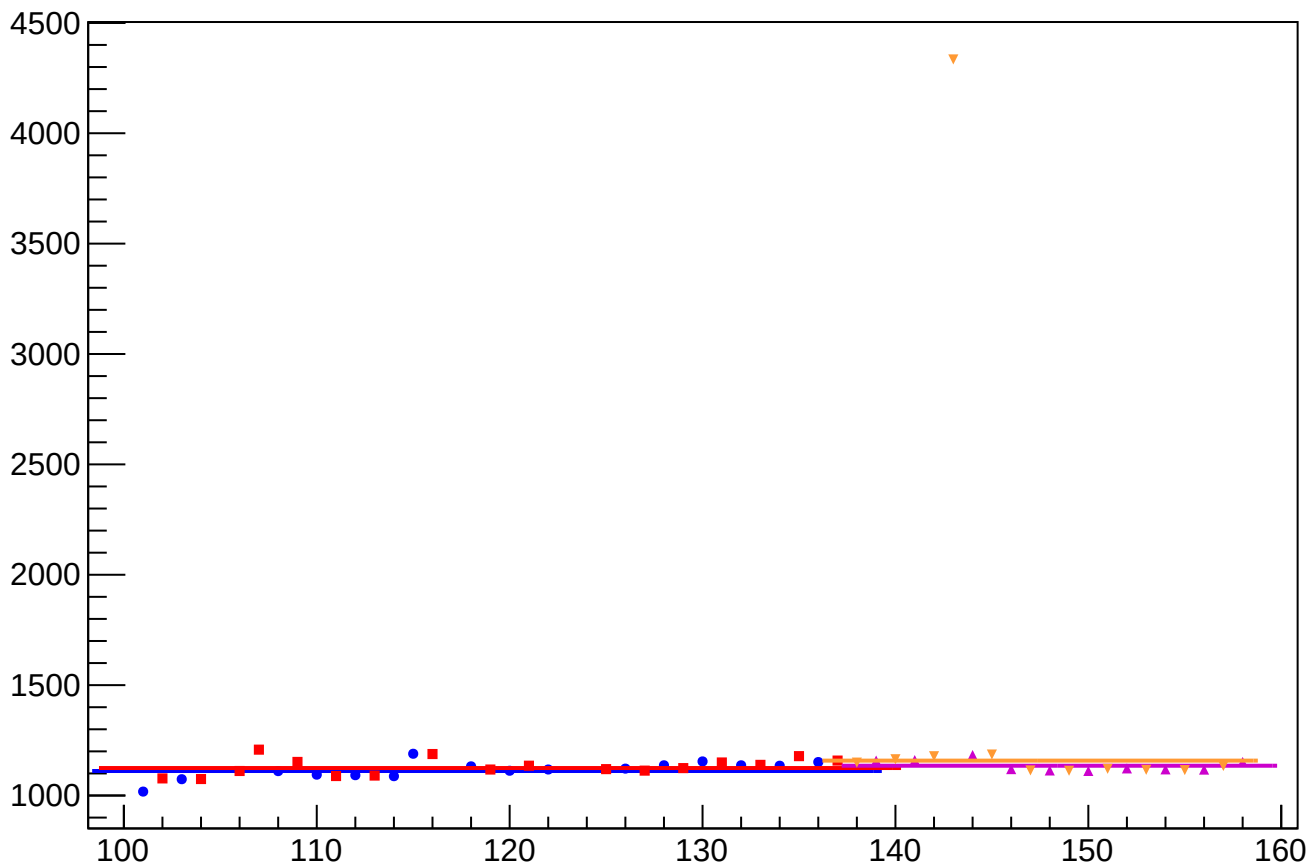
Right: 1961.110 $\pm$ 303.000 χ^2/NDF : 16.7/32

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

Out: 1800.712 $\pm$ 297.044 χ^2/NDF : 22.0/27

All: 1716.915 $\pm$ 207.763 χ^2/NDF : 41.8/53

dit_asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1158.078 $\pm$ 0.292 χ^2 /NDF: 844446.2/10

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: 1145.975 $\pm$ 0.202 χ^2 /NDF: 855094.1/20

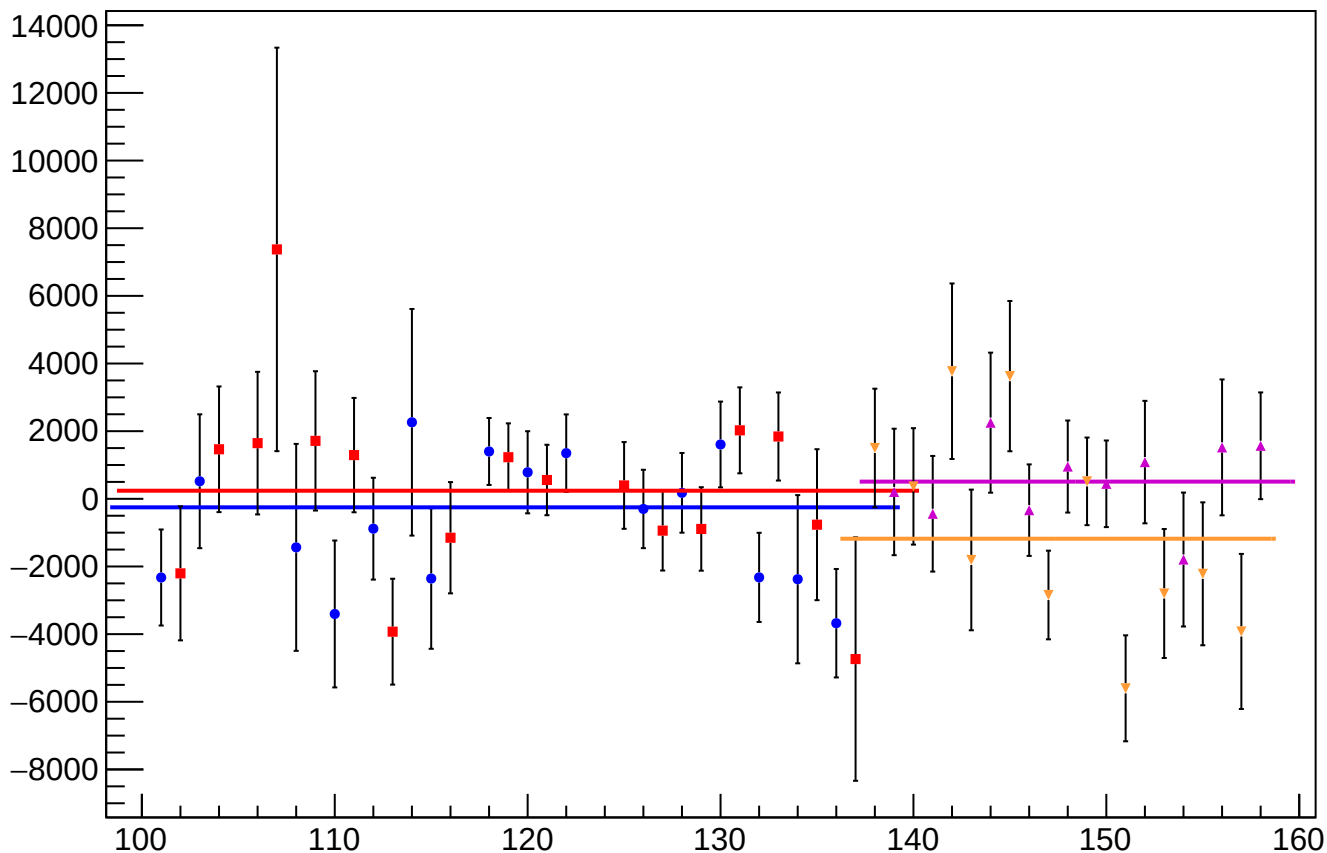
Right: 1117.819 $\pm$ 0.214 χ^2 /NDF: 33680.2/32

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

Out: 1141.852 $\pm$ 0.210 χ^2 /NDF: 865423.3/27

All: 1132.737 $\pm$ 0.147 χ^2 /NDF: 897924.4/53

asym_usl_correction_mean vs Slug, Sign Corrected



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

Left Out: -1179.183 ± 532.951 χ^2/NDF : 25.3/10

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

Left In: 508.450 ± 515.123 χ^2/NDF : 3.7/9

Left: -306.668 ± 370.389 χ^2/NDF : 34.1/20

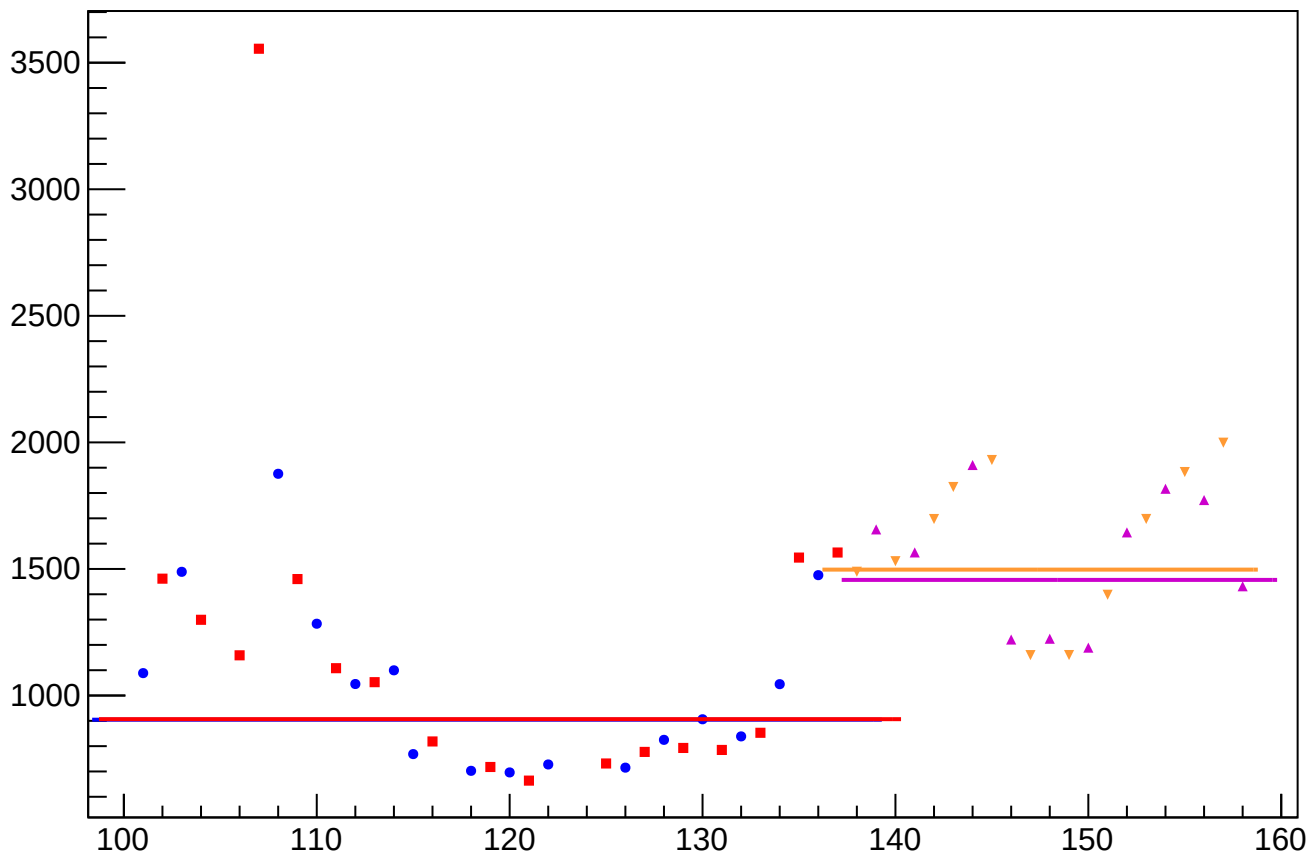
Right: -4.984 ± 257.666 χ^2/NDF : 43.8/32

In: 2.584 ± 297.789 χ^2/NDF : 27.0/25

Out: -211.257 ± 300.494 χ^2/NDF : 51.2/27

All: -103.370 ± 211.518 χ^2/NDF : 78.4/53

asym_usl_correction_rms vs Slug, Sign Corrected



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

Left Out: 1497.398 $\pm$ 0.377 χ^2 /NDF: 598854.5/10

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: 1476.382 $\pm$ 0.262 χ^2 /NDF: 1075755.1/20

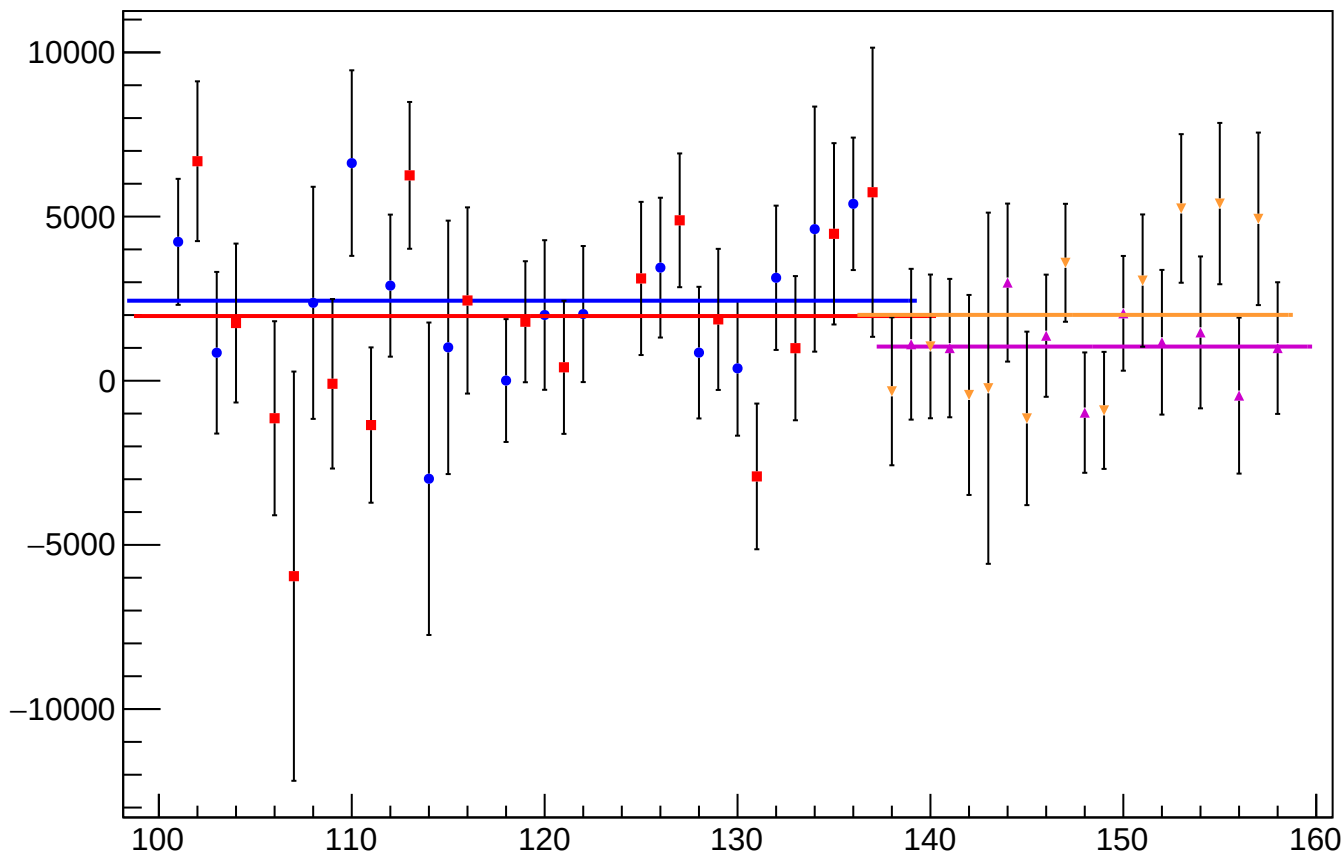
Right: 905.545 $\pm$ 0.182 χ^2 /NDF: 2397204.6/32

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

Out: 1094.413 $\pm$ 0.212 χ^2 /NDF: 3651364.8/27

All: 1091.707 $\pm$ 0.150 χ^2 /NDF: 6674205.5/53

asym_usl_mean vs Slug, Sign Corrected



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

Left Out: 2005.543+/-695.254 χ^2/NDF : 12.4/10

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: 1495.375+/-477.332 χ^2/NDF : 16.1/20

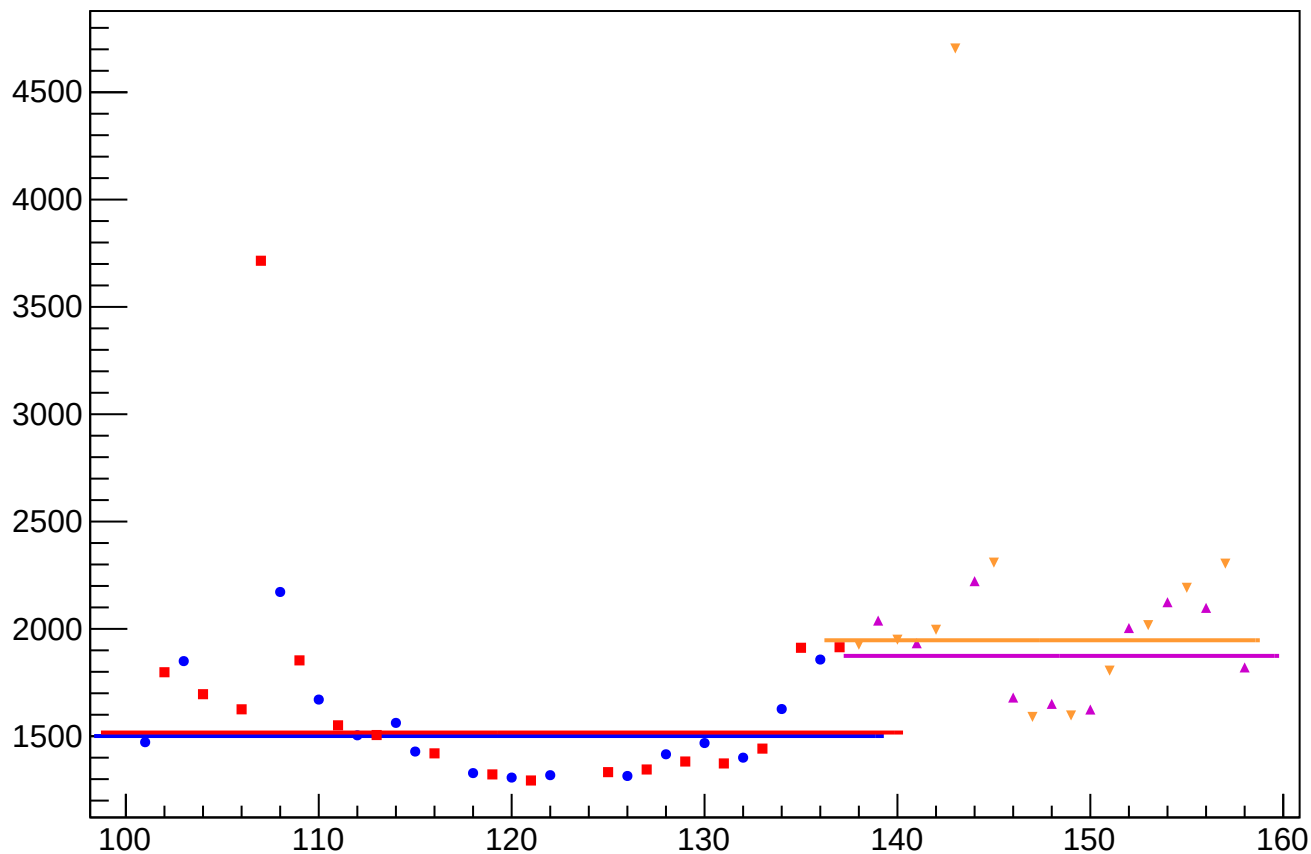
Right: 2204.149+/-414.681 χ^2/NDF : 33.8/32

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

Out: 1985.042+/-448.368 χ^2/NDF : 34.7/27

All: 1899.299+/-313.047 χ^2/NDF : 51.1/53

asym_usl_rms vs Slug, Sign Corrected



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

Left Out: 1946.968 +/- 0.492 χ^2/NDF : 794511.3/10

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: 1908.496 +/- 0.338 χ^2/NDF : 1001630.3/20

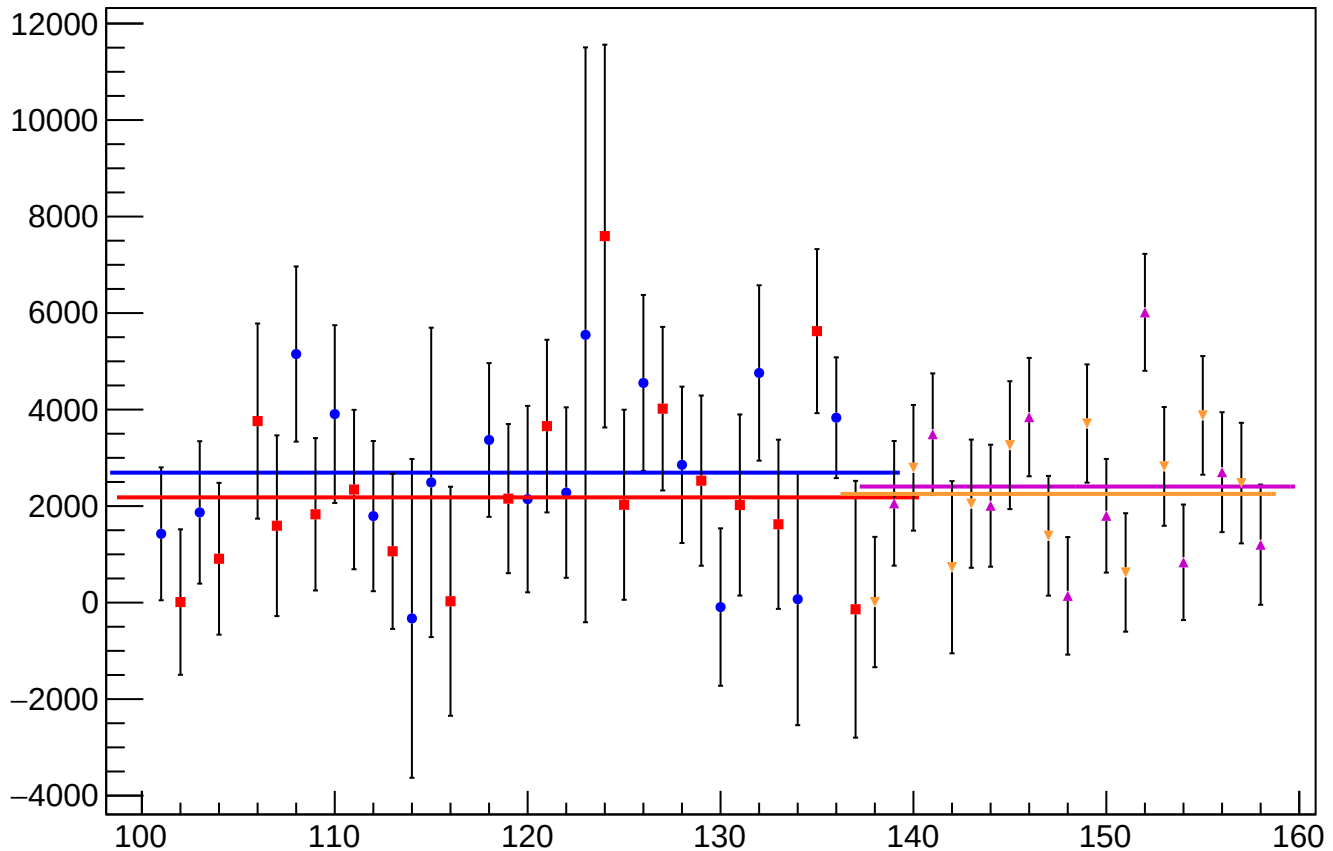
Right: 1508.969 +/- 0.293 χ^2/NDF : 732045.6/32

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

Out: 1695.891 +/- 0.317 χ^2/NDF : 1716101.7/27

All: 1680.809 +/- 0.221 χ^2/NDF : 2532174.3/53

dit_asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 2252.102 $\pm$ 391.327 χ^2 /NDF: 9.9/10

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: 2328.855 $\pm$ 276.119 χ^2 /NDF: 27.6/20

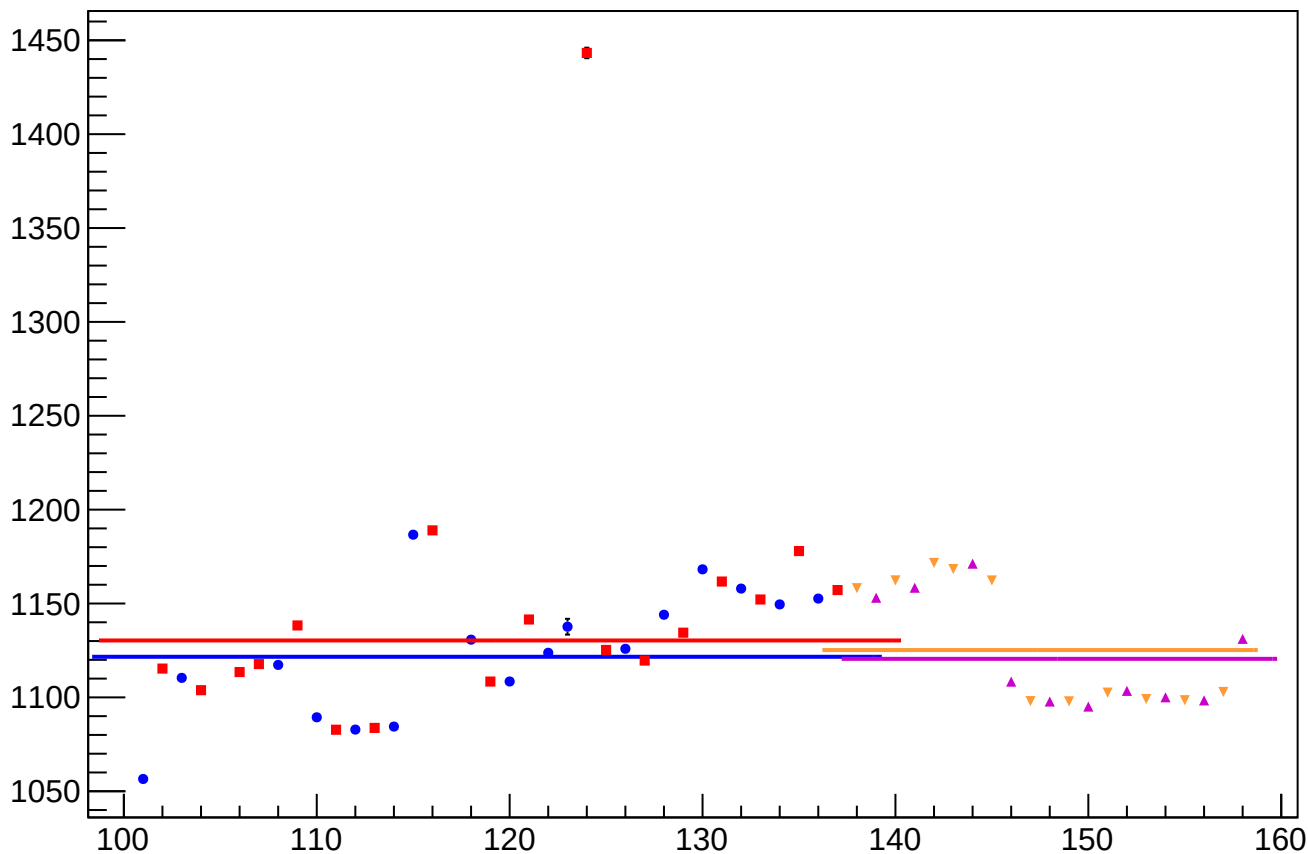
Right: 2432.714 $\pm$ 303.341 χ^2 /NDF: 26.5/34

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

Out: 2219.507 $\pm$ 288.019 χ^2 /NDF: 23.5/28

All: 2375.916 $\pm$ 204.193 χ^2 /NDF: 54.2/55

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1121.626 ± 0.306 χ^2/NDF : 11980.2/16

Left Out: 1125.206 ± 0.277 χ^2/NDF : 12962.1/10

Right Out: 1130.316 ± 0.301 χ^2/NDF : 21276.1/17

Left In: 1120.525 ± 0.276 χ^2/NDF : 9881.9/9

Left: 1122.855 ± 0.195 χ^2/NDF : 22987.8/20

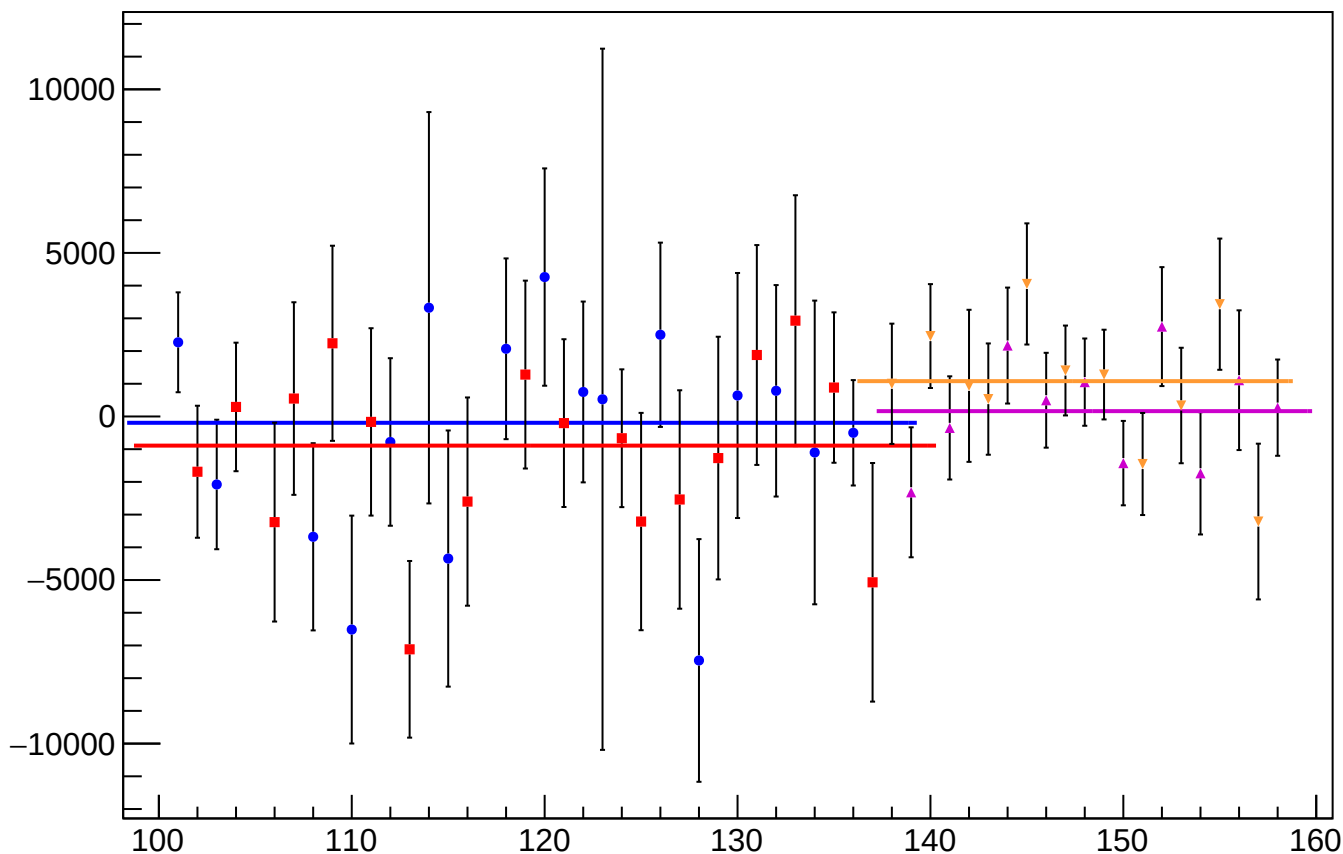
Right: 1126.044 ± 0.214 χ^2/NDF : 33666.6/34

In: 1121.018 ± 0.205 χ^2/NDF : 21869.3/26

Out: 1127.548 ± 0.204 χ^2/NDF : 34394.5/28

All: 1124.300 ± 0.144 χ^2/NDF : 56775.2/55

asym_usr_correction_mean vs Slug, Sign Corrected



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

Left Out: 1079.923+/-517.544 χ^2/NDF : 11.0/10

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

Left In: 163.009+/-507.532 χ^2/NDF : 8.2/9

Left: 612.511+/-362.367 χ^2/NDF : 20.8/20

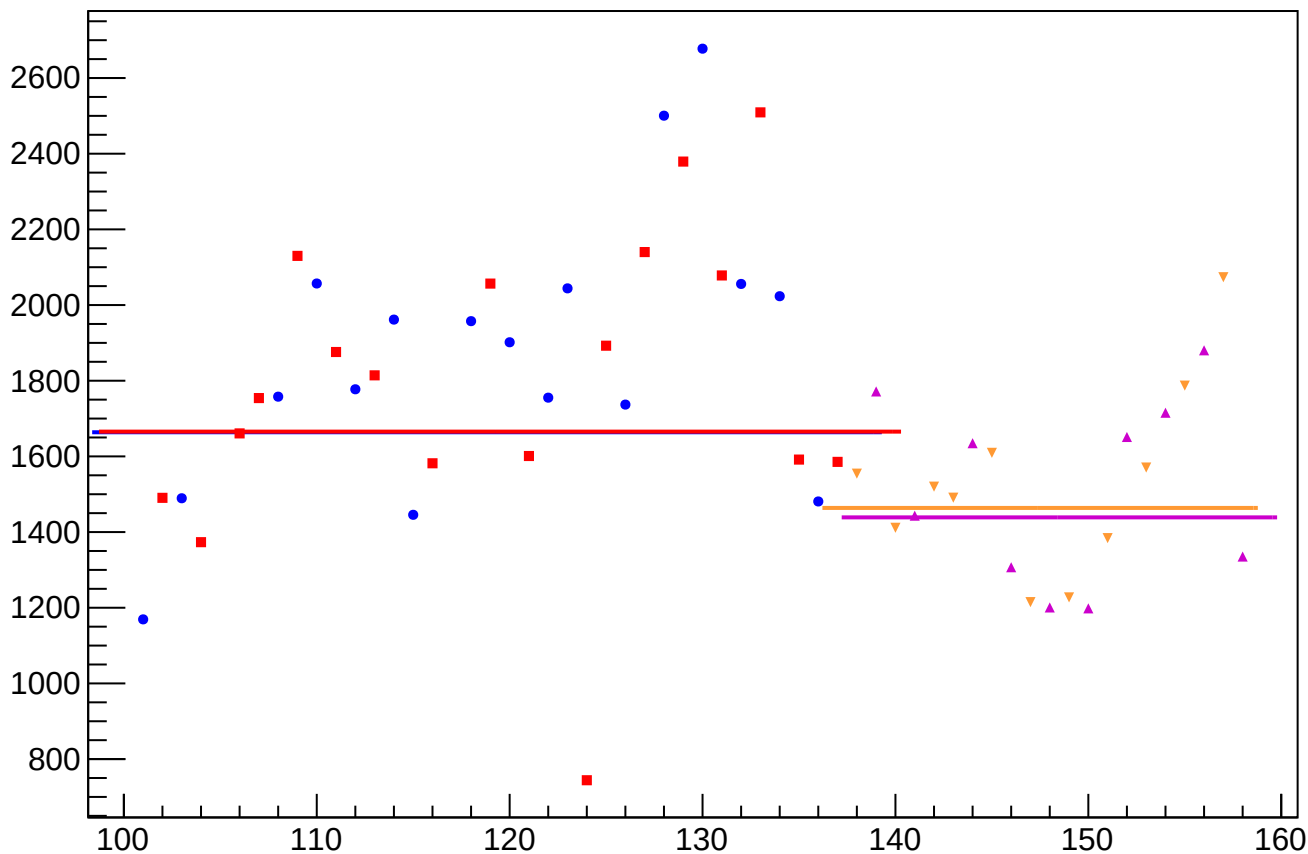
Right: -548.030+/-463.023 χ^2/NDF : 31.0/34

In: 30.683+/-402.410 χ^2/NDF : 25.8/26

Out: 314.338+/-404.735 χ^2/NDF : 29.7/28

All: 171.694+/-285.365 χ^2/NDF : 55.7/55

asym_usr_correction_rms vs Slug, Sign Corrected



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

Left Out: 1463.798 $\pm$ 0.366 χ^2 /NDF: 341929.7/10

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

Left In: 1438.832 $\pm$ 0.359 χ^2 /NDF: 396806.3/9

Left: 1451.071 $\pm$ 0.256 χ^2 /NDF: 741108.4/20

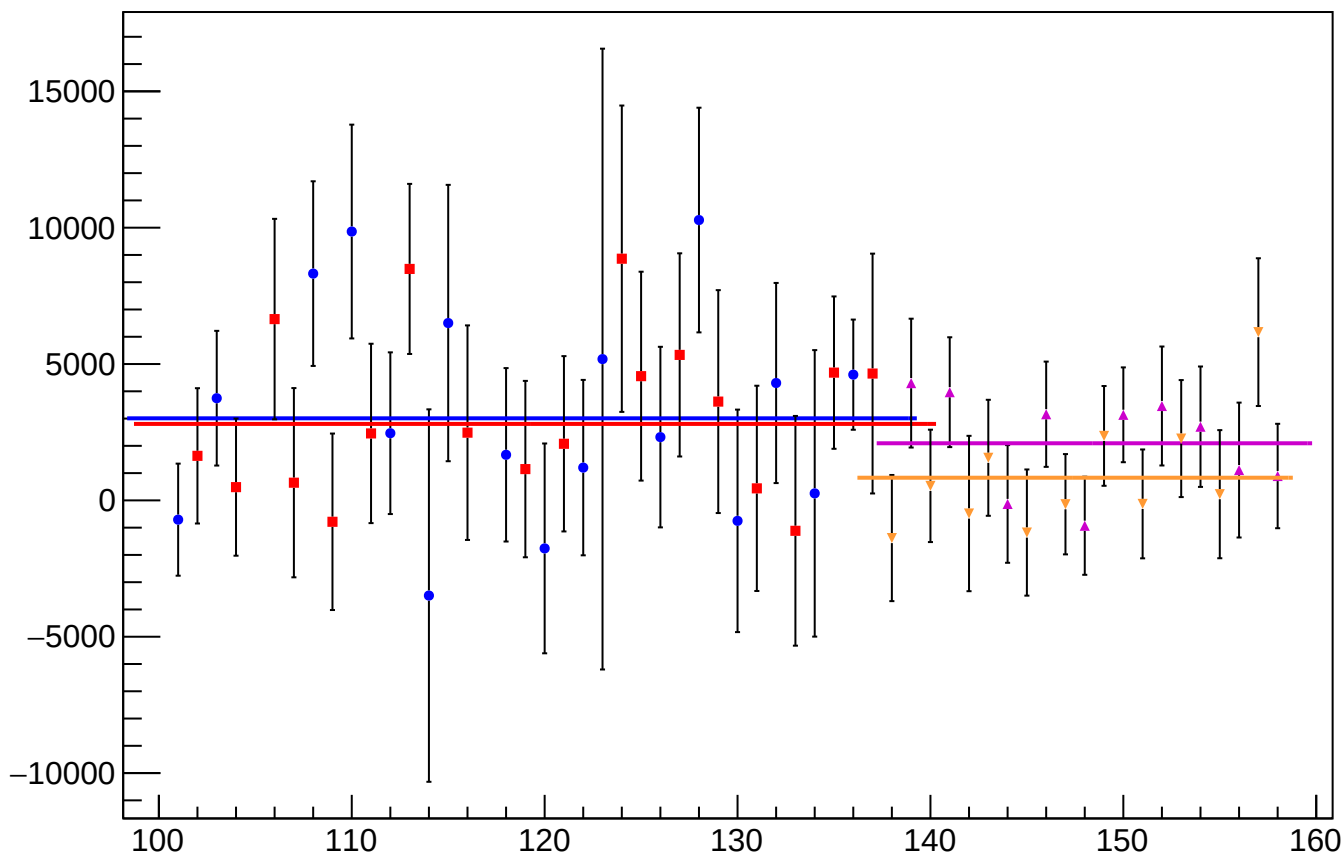
Right: 1664.637 $\pm$ 0.327 χ^2 /NDF: 1425275.8/34

In: 1522.365 $\pm$ 0.285 χ^2 /NDF: 1165179.5/26

Out: 1542.132 $\pm$ 0.286 χ^2 /NDF: 1262677.8/28

All: 1532.192 $\pm$ 0.202 χ^2 /NDF: 2430256.2/55

asym_usr_mean vs Slug, Sign Corrected



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

Left Out: 830.906+/-654.604 χ^2/NDF : 7.6/10

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: 1471.494+/-459.596 χ^2/NDF : 16.8/20

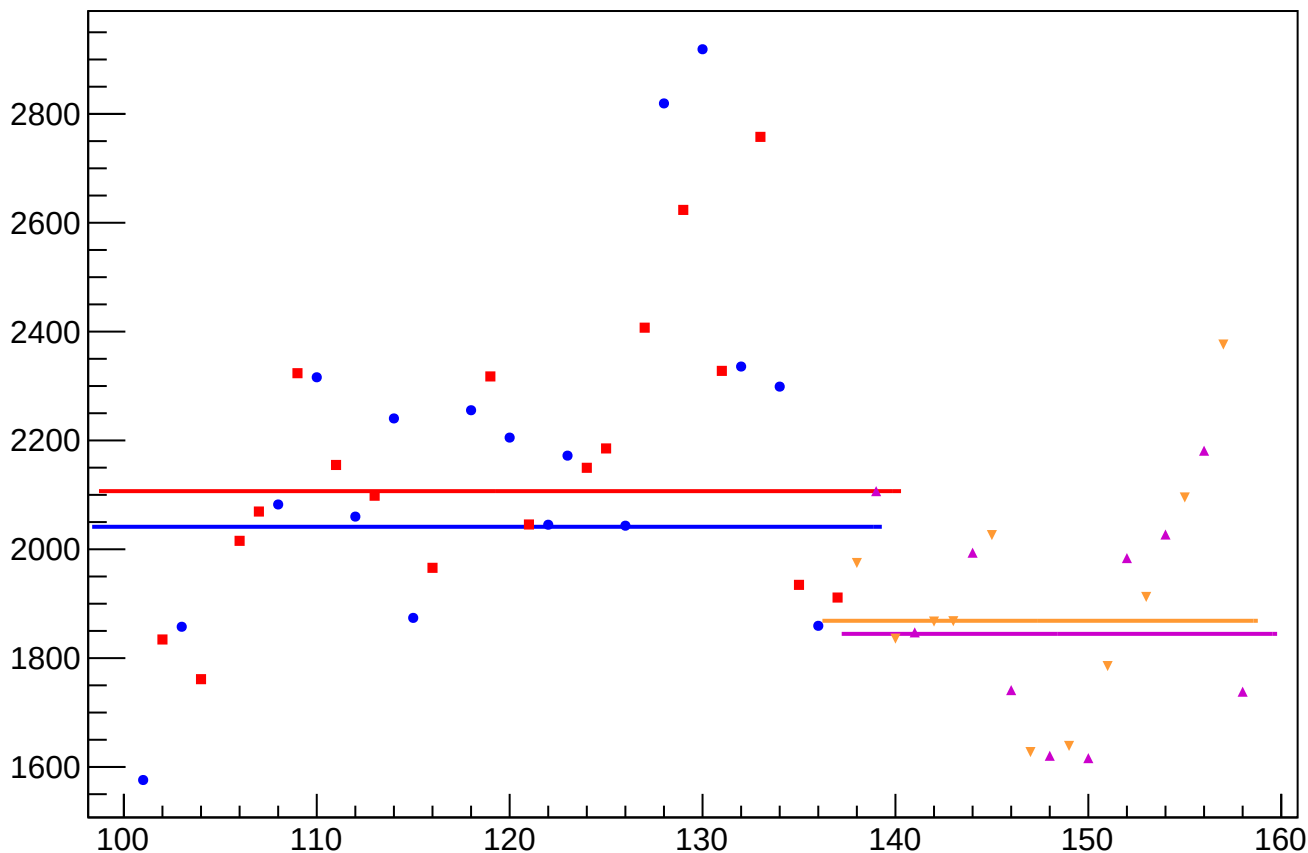
Right: 2906.573+/-565.416 χ^2/NDF : 28.6/34

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

Out: 1622.656+/-506.513 χ^2/NDF : 22.5/28

All: 2042.443+/-356.639 χ^2/NDF : 49.3/55

asym_usr_rms vs Slug, Sign Corrected



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

Left Out: 1868.628+/-0.463 χ^2/NDF : 173145.5/10

Right Out: 2106.845+/-0.565 χ^2/NDF : 196720.6/17

Left In: 1844.588+/-0.456 χ^2/NDF : 170464.3/9

Left: 1856.438+/-0.325 χ^2/NDF : 344977.5/20

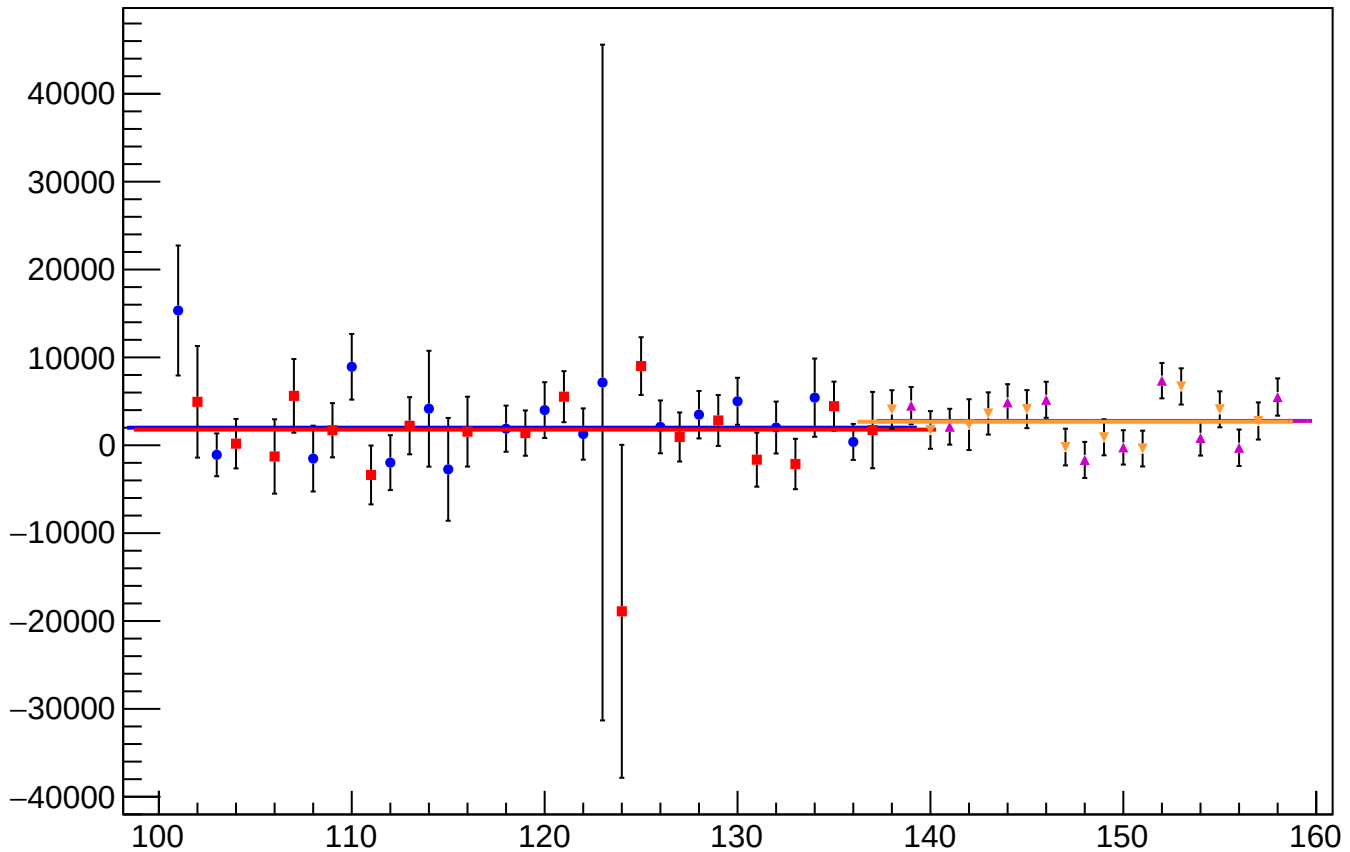
Right: 2074.099+/-0.400 χ^2/NDF : 541866.5/34

In: 1922.206+/-0.355 χ^2/NDF : 582223.3/26

Out: 1964.219+/-0.358 χ^2/NDF : 476149.6/28

All: 1943.035+/-0.252 χ^2/NDF : 1065311.2/55

dit_asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2679.185+/-654.372 χ^2/NDF : 10.4/10

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: 2726.010+/-460.534 χ^2/NDF : 30.5/20

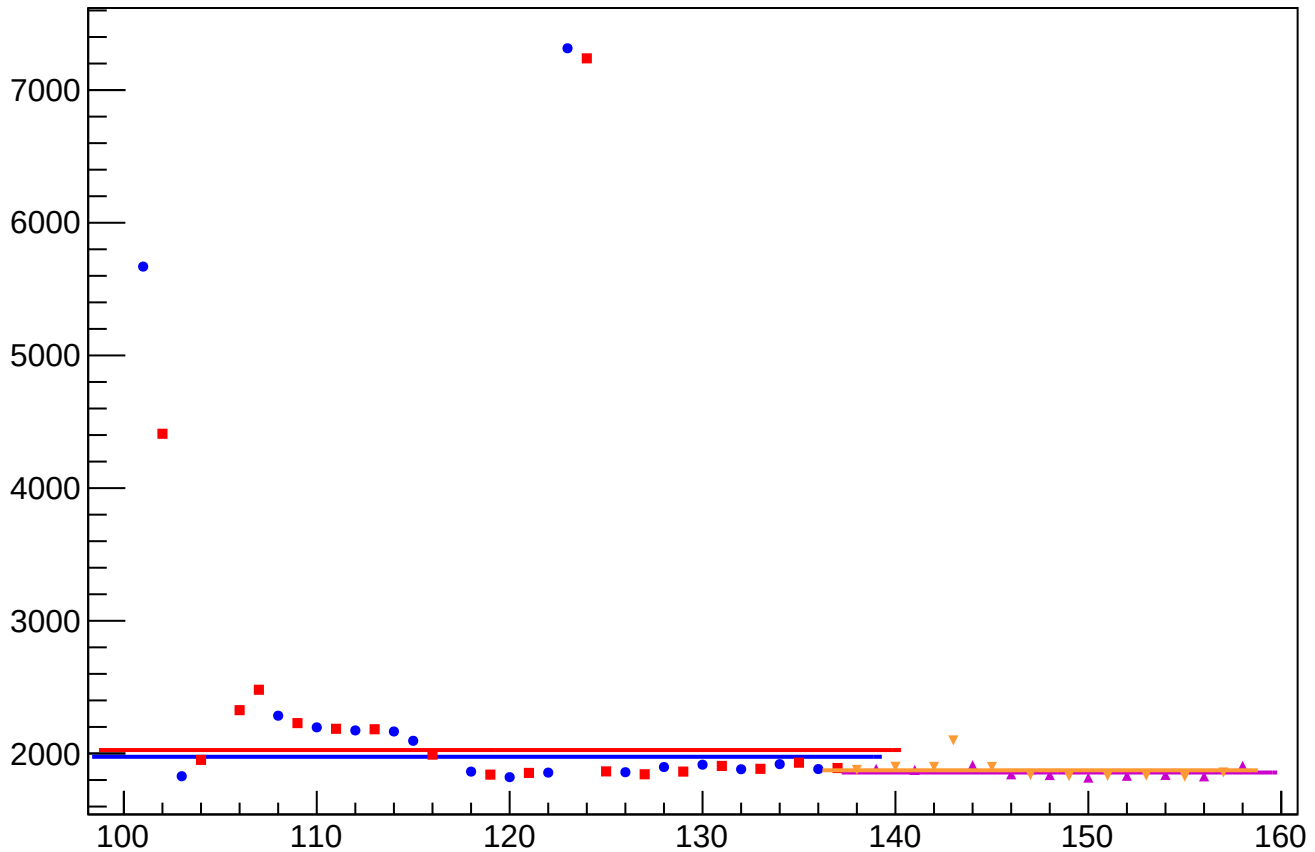
Right: 1890.892+/-552.762 χ^2/NDF : 31.1/34

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

Out: 2309.523+/-501.804 χ^2/NDF : 27.4/28

All: 2383.837+/-353.824 χ^2/NDF : 63.0/55

dit_asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 1873.401+/-0.463 χ^2/NDF : 22655.5/10

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: 1864.892+/-0.326 χ^2/NDF : 28275.8/20

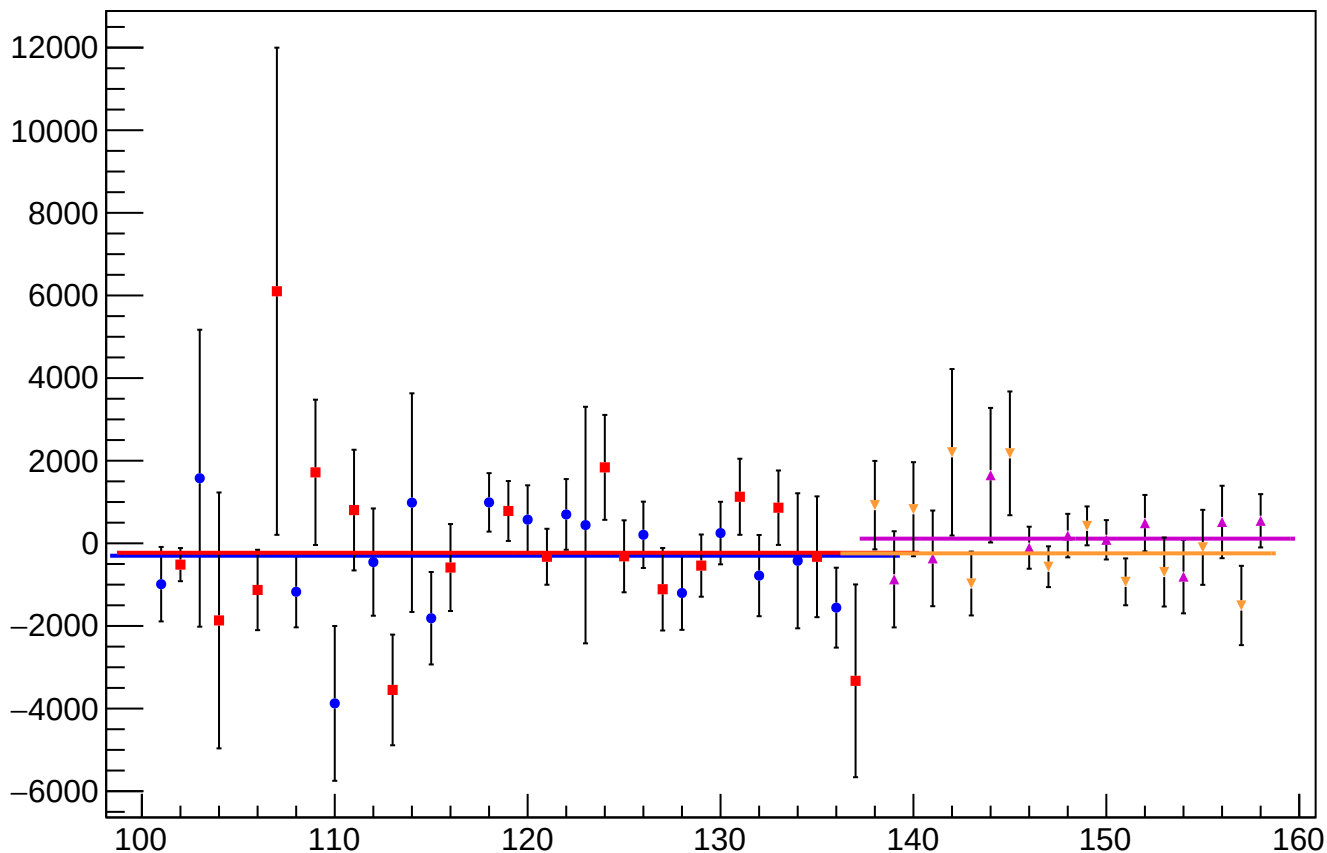
Right: 2000.483+/-0.391 χ^2/NDF : 1139433.4/34

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

Out: 1936.210+/-0.355 χ^2/NDF : 602769.6/28

All: 1920.448+/-0.250 χ^2/NDF : 1238743.2/55

asym_at1_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -242.879+/-226.697 χ^2/NDF : 13.0/10

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

Left In: 113.215+/-218.970 χ^2/NDF : 4.0/9

Left: -58.660+/-157.496 χ^2/NDF : 18.3/20

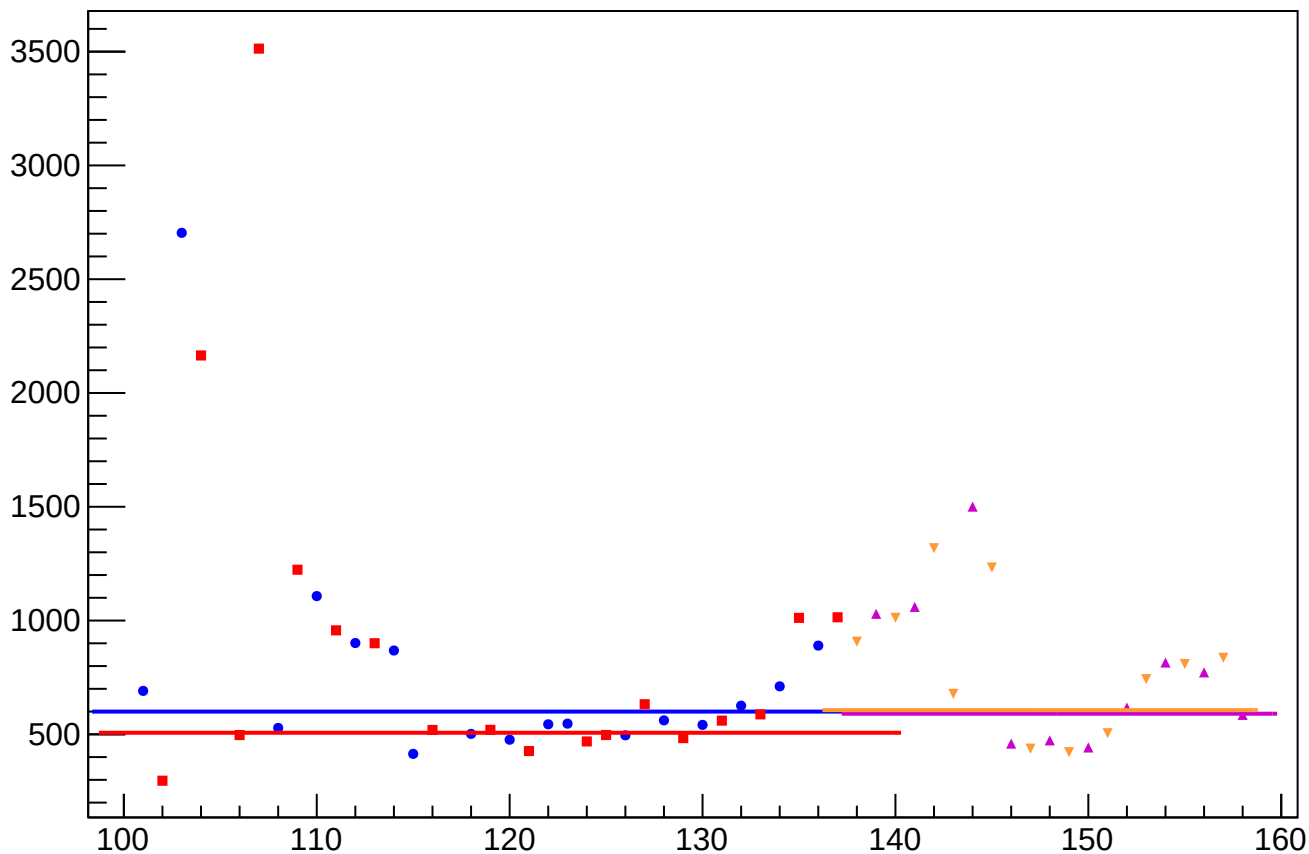
Right: -259.640+/-162.327 χ^2/NDF : 39.2/34

In: -68.939+/-163.740 χ^2/NDF : 22.9/26

Out: -235.484+/-156.237 χ^2/NDF : 34.8/28

All: -156.114+/-113.036 χ^2/NDF : 58.2/55

asym_at1_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 606.269+/-0.160 χ^2/NDF :1903145.0/10

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: 598.181+/-0.111 χ^2/NDF : 3789183.3/20

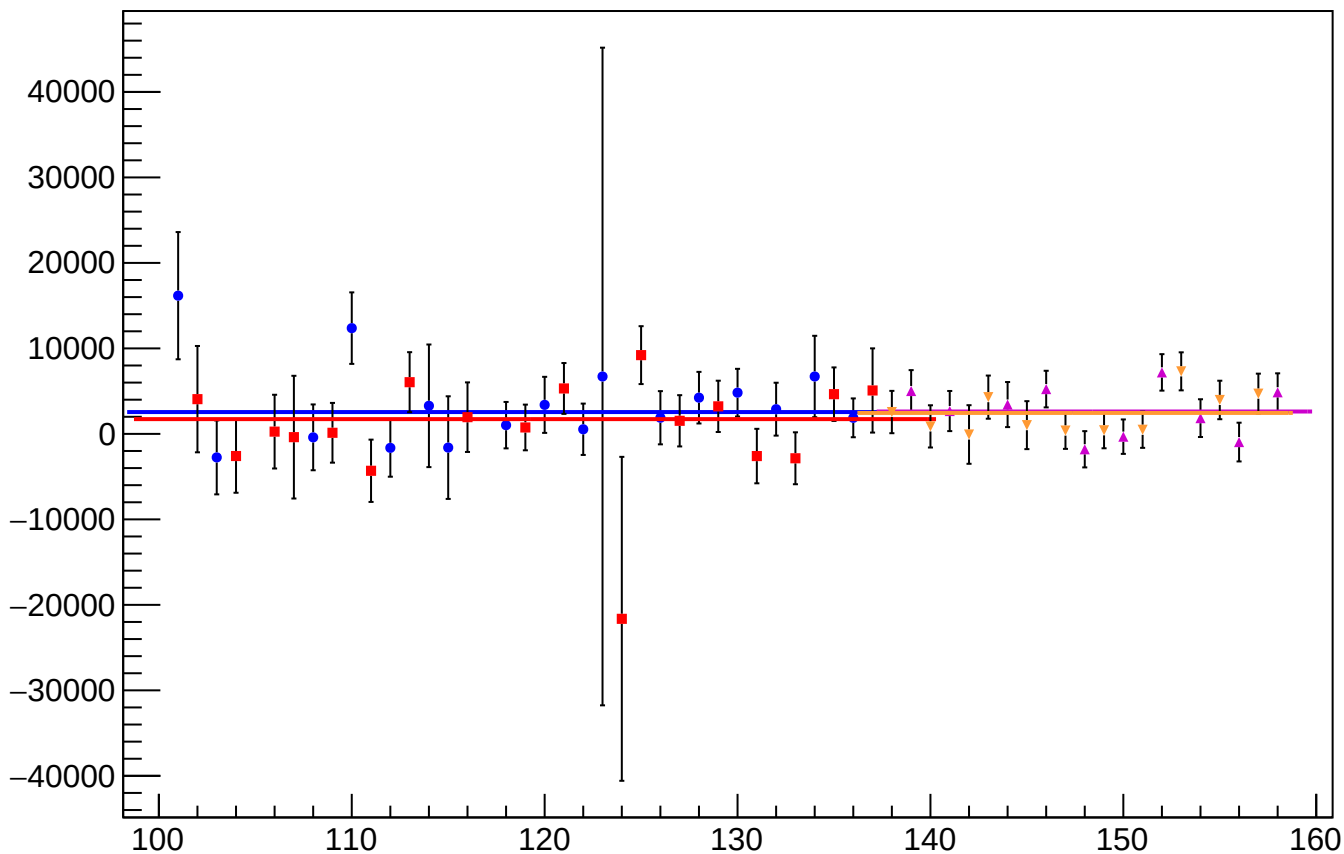
Right: 547.202+/-0.115 χ^2/NDF : 4303374.7/34

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

Out: 554.086+/-0.110 χ^2/NDF :4865859.0/28

All: 573.461+/-0.080 χ^2/NDF : 8194165.7/55

asym_at1_avg_mean vs Slug, Sign Corrected



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

Left Out: 2451.409 $\pm$ 717.021 χ^2 /NDF:10.6/10

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: 2535.663 $\pm$ 503.324 χ^2 /NDF: 27.9/20

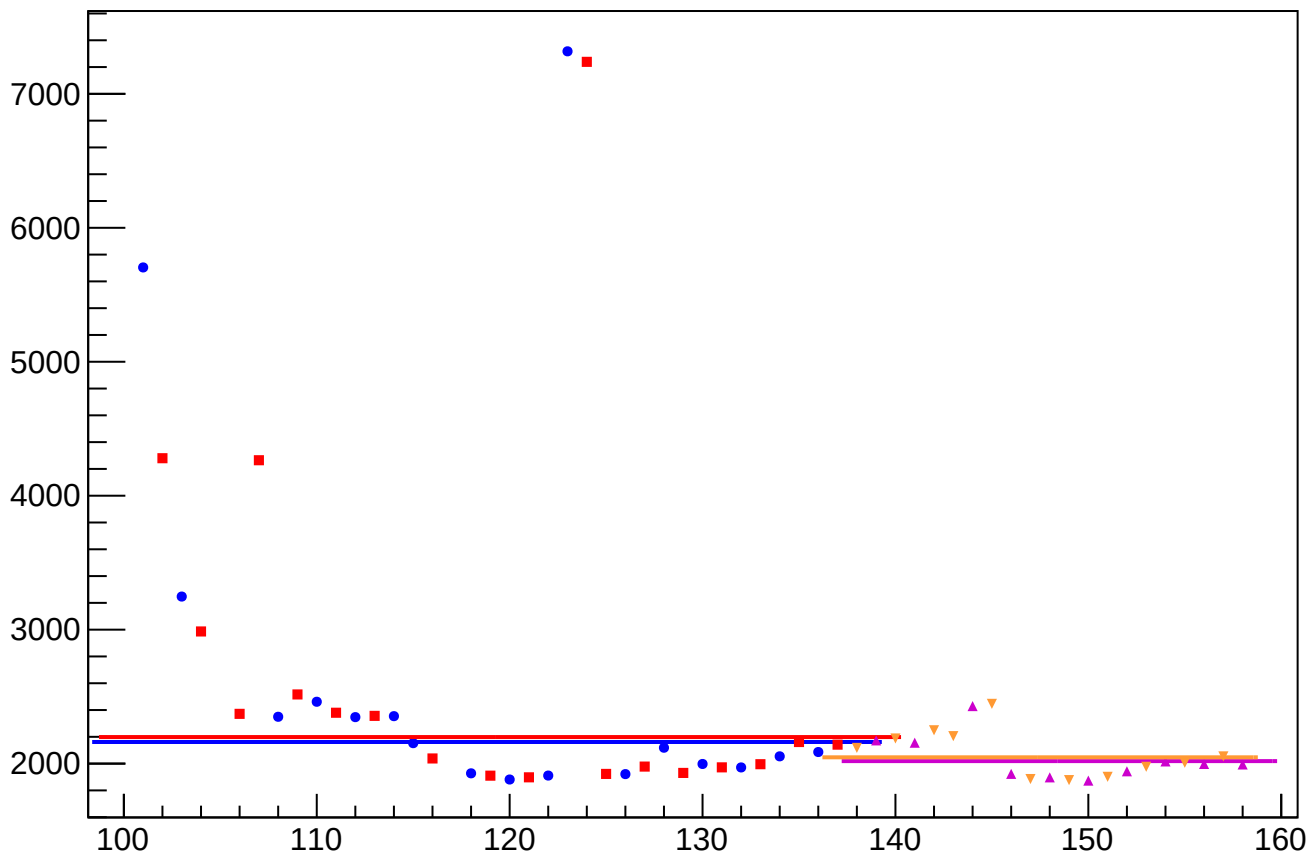
Right: 2138.530 $\pm$ 606.010 χ^2 /NDF: 35.7/34

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

Out: 2152.398 $\pm$ 549.442 χ^2 /NDF:30.6/28

All: 2373.545 $\pm$ 387.193 χ^2 /NDF: 63.9/55

asym_at1_avg_rms vs Slug, Sign Corrected



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

Left Out: 2046.964 $\pm$ 0.507 χ^2 /NDF:100036.5/10

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: 2032.617 $\pm$ 0.356 χ^2 /NDF: 188929.0/20

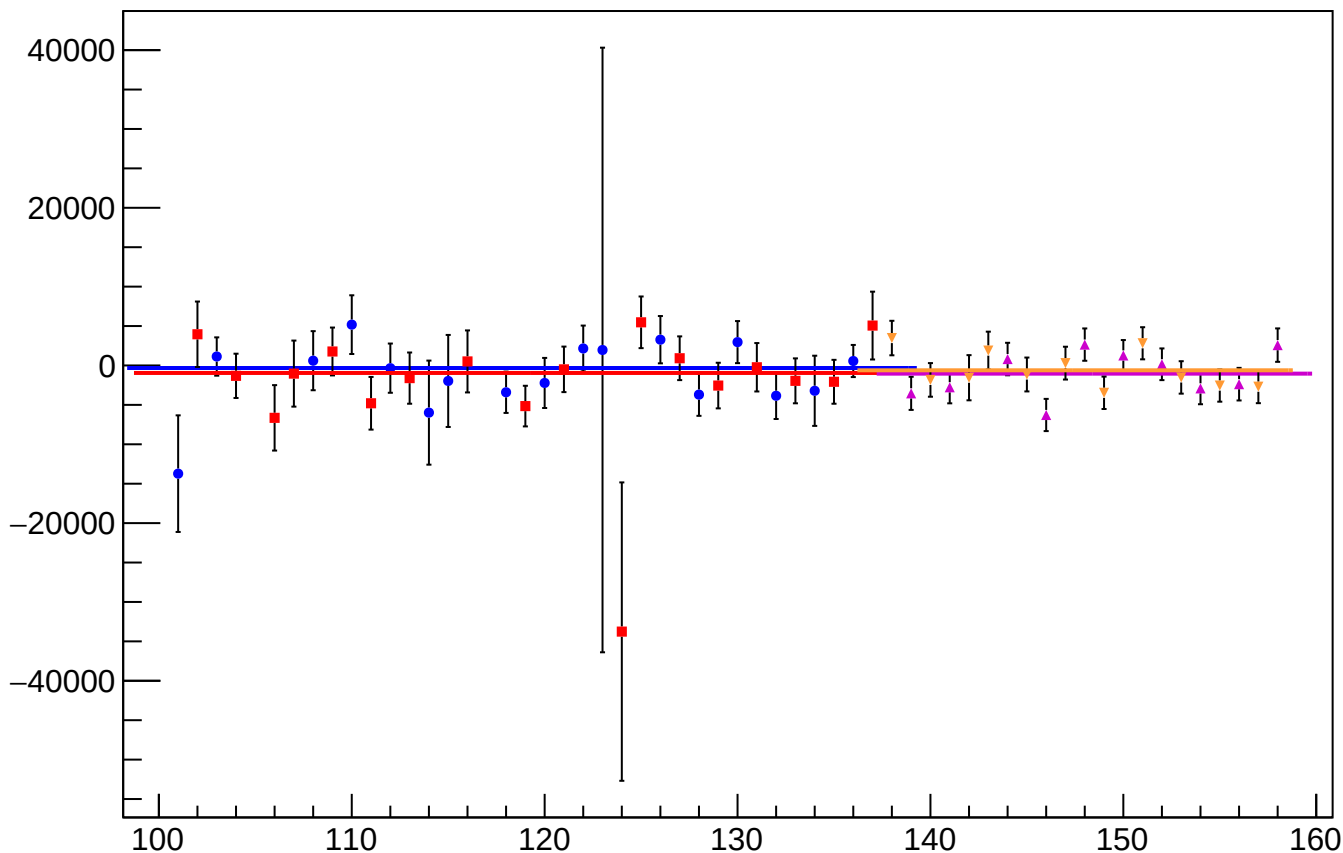
Right: 2179.883 $\pm$ 0.429 χ^2 /NDF: 1446967.4/34

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

Out: 2109.390 $\pm$ 0.389 χ^2 /NDF:870634.1/28

All: 2092.734 $\pm$ 0.274 χ^2 /NDF: 1705789.7/55

dit_asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -615.079+/-651.876 χ^2/NDF :12.1/10

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: -828.363+/-459.020 χ^2/NDF : 31.0/20

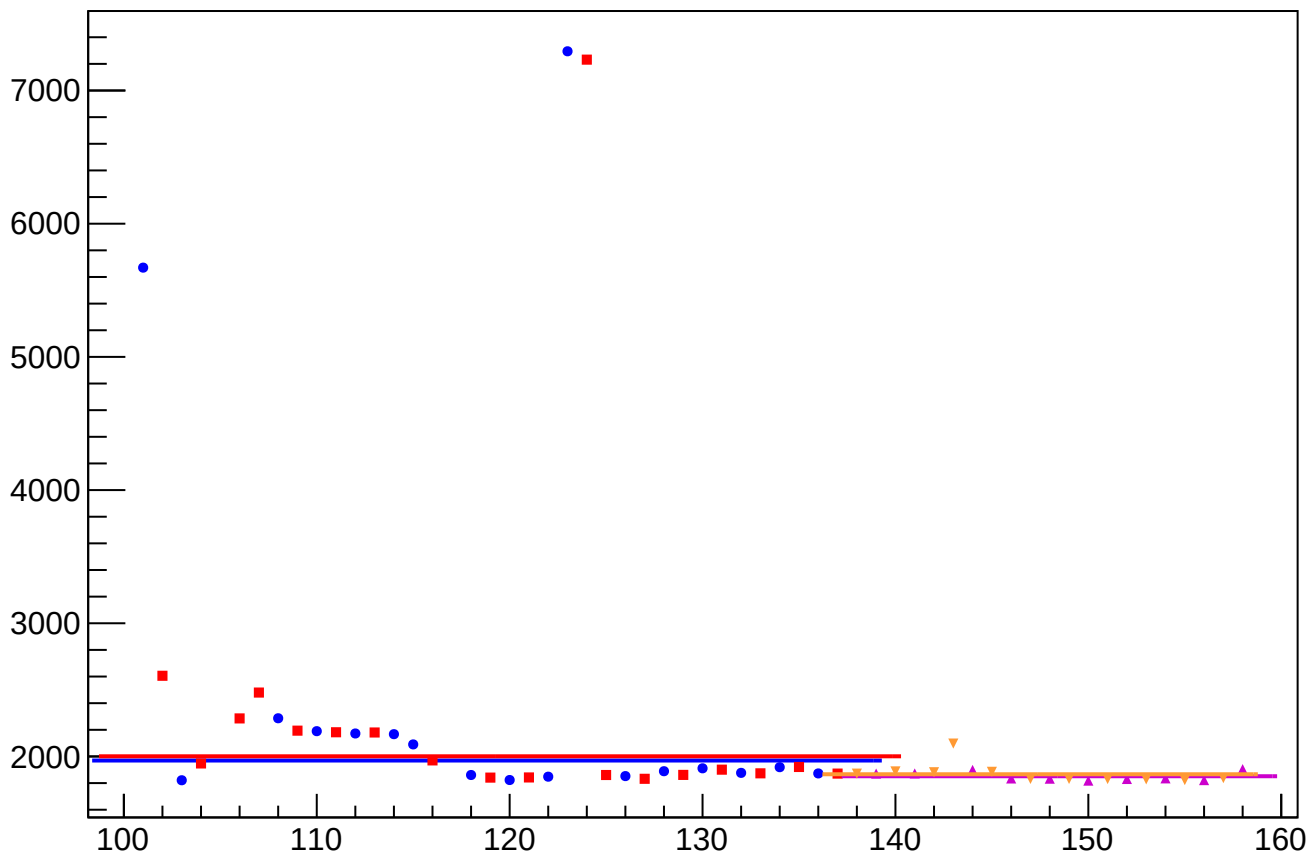
Right: -641.256+/-547.905 χ^2/NDF : 34.3/34

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

Out: -755.390+/-497.602 χ^2/NDF :30.4/28

All: -751.198+/-351.860 χ^2/NDF : 65.3/55

dit_asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1866.336 $\pm$ 0.461 χ^2 /NDF:22636.4/10

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

Left In: 1851.473 $\pm$ 0.457 χ^2 /NDF:4327.7/9

Left: 1858.842 $\pm$ 0.325 χ^2 /NDF: 27488.3/20

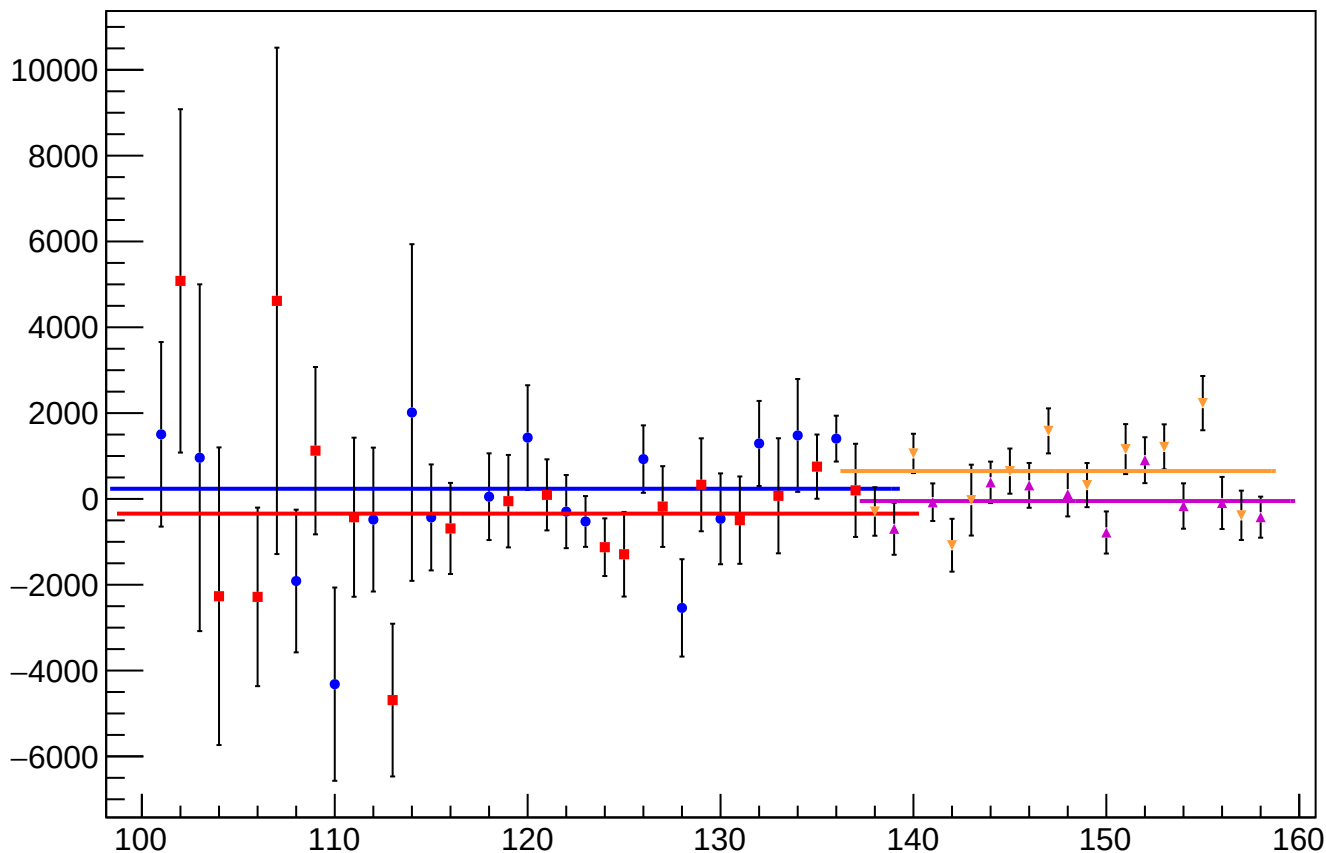
Right: 1985.524 $\pm$ 0.387 χ^2 /NDF: 895106.7/34

In: 1899.567 $\pm$ 0.352 χ^2 /NDF:634302.3/26

Out: 1922.607 $\pm$ 0.352 χ^2 /NDF:348972.7/28

All: 1911.087 $\pm$ 0.249 χ^2 /NDF: 985418.8/55

asym_at1_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 649.699 $\pm$ 168.736 χ^2 /NDF:27.1/10

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: 286.771 $\pm$ 117.011 χ^2 /NDF: 44.7/20

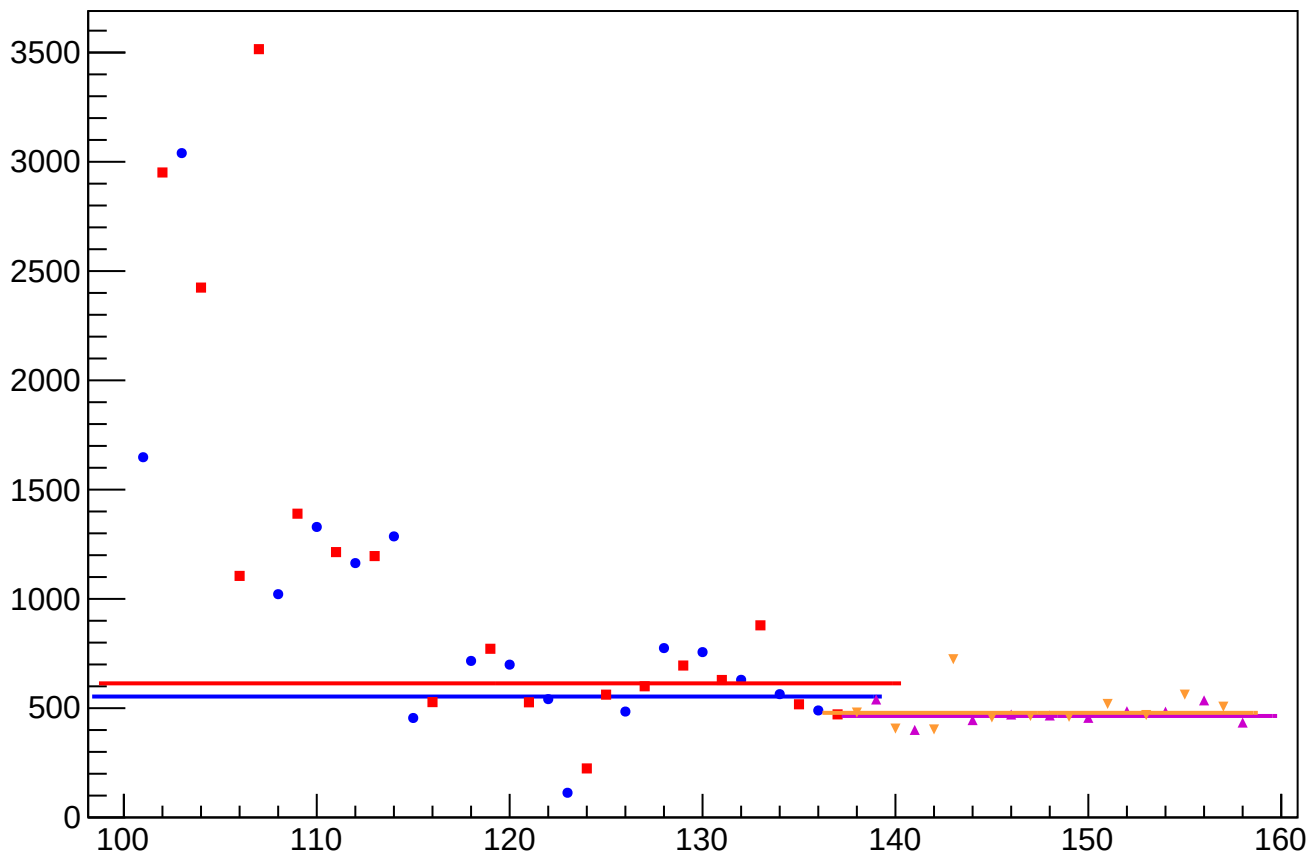
Right: -30.610 $\pm$ 182.443 χ^2 /NDF: 42.3/34

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

Out: 368.823 $\pm$ 142.878 χ^2 /NDF:52.8/28

All: 194.269 $\pm$ 98.495 χ^2 /NDF: 89.1/55

asym_at1_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 478.608 $\pm$ 0.119 χ^2 /NDF:313931.5/10

Right Out: 613.577 $\pm$ 0.190 χ^2 /NDF: 3476374.3/17

Left In: 464.359 $\pm$ 0.115 χ^2 /NDF:119259.0/9

Left: 471.211 $\pm$ 0.083 χ^2 /NDF: 440594.3/20

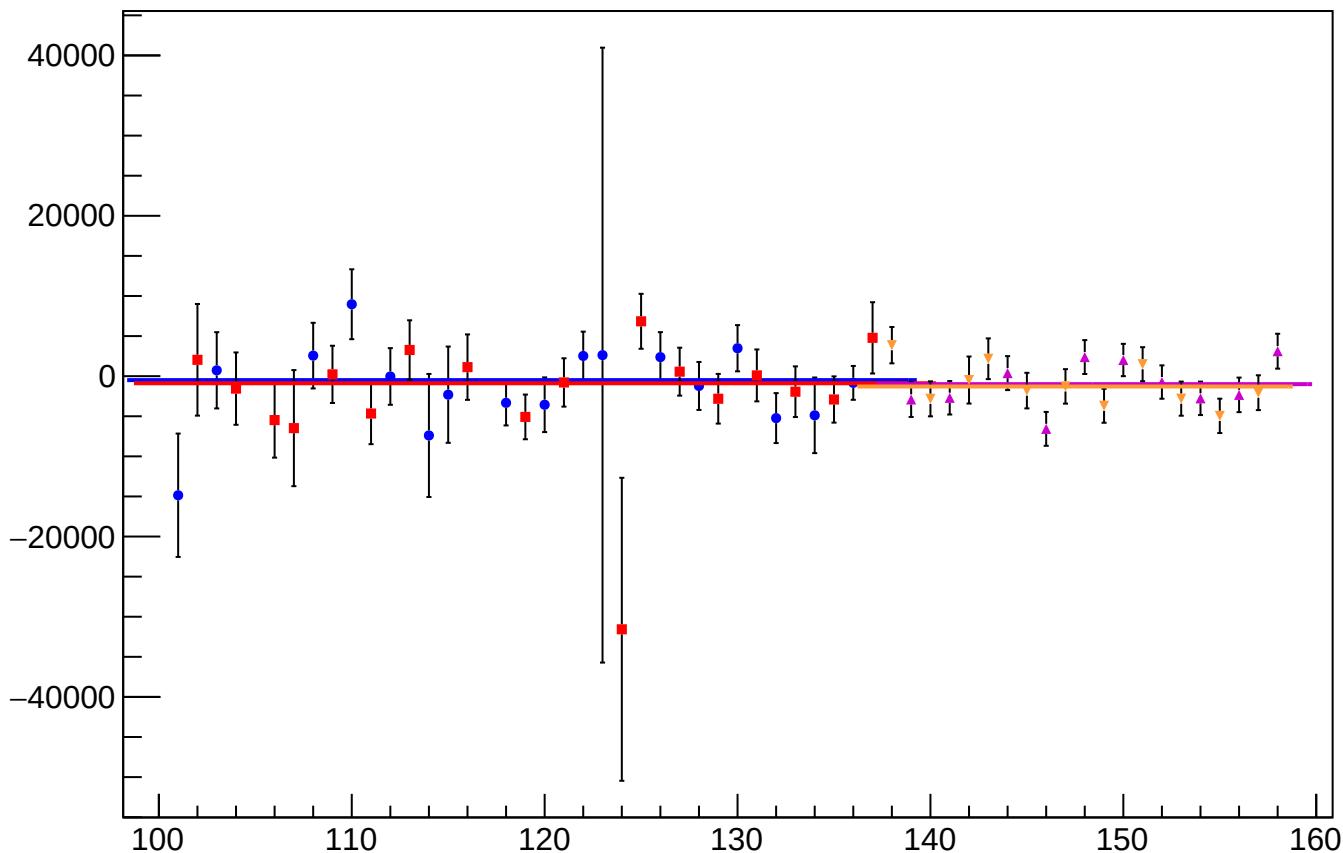
Right: 581.103 $\pm$ 0.129 χ^2 /NDF: 6943410.9/34

In: 490.956 $\pm$ 0.096 χ^2 /NDF:3711346.5/26

Out: 516.804 $\pm$ 0.101 χ^2 /NDF:4152441.7/28

All: 503.239 $\pm$ 0.070 χ^2 /NDF: 7898139.6/55

asym_at1_dd_mean vs Slug, Sign Corrected



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

Left Out: -1289.787+/-675.555 χ^2 /NDF:14.2/10

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: -1140.993+/-474.848 χ^2 /NDF: 32.6/20

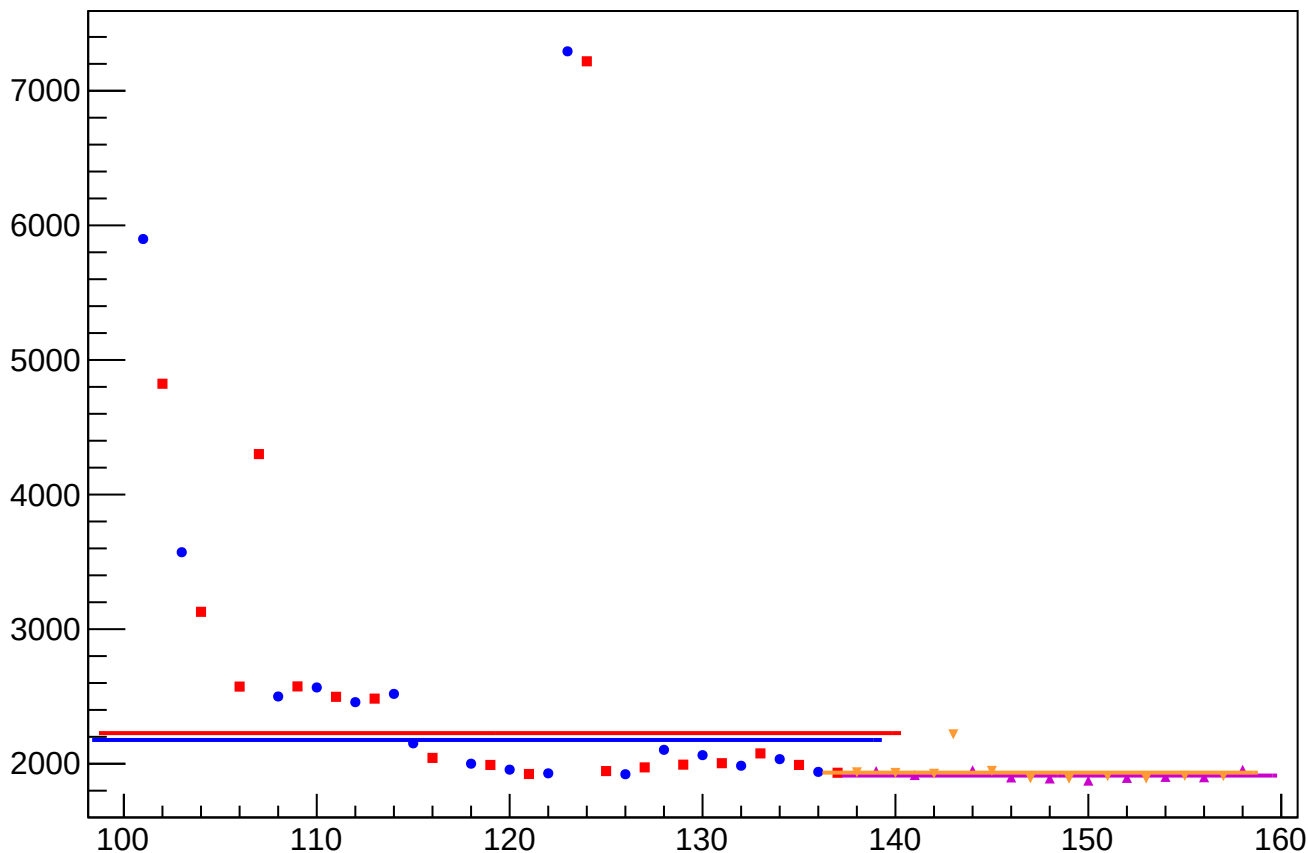
Right: -688.036+/-614.167 χ^2 /NDF: 35.9/34

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

Out: -1137.208+/-533.382 χ^2 /NDF:31.6/28

All: -971.529+/-375.662 χ^2 /NDF: 68.9/55

asym_at1_dd_rms vs Slug, Sign Corrected



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

Left Out: 1934.052 $\pm$ 0.478 χ^2/NDF : 28574.6/10

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: 1923.037 $\pm$ 0.336 χ^2/NDF : 32823.1/20

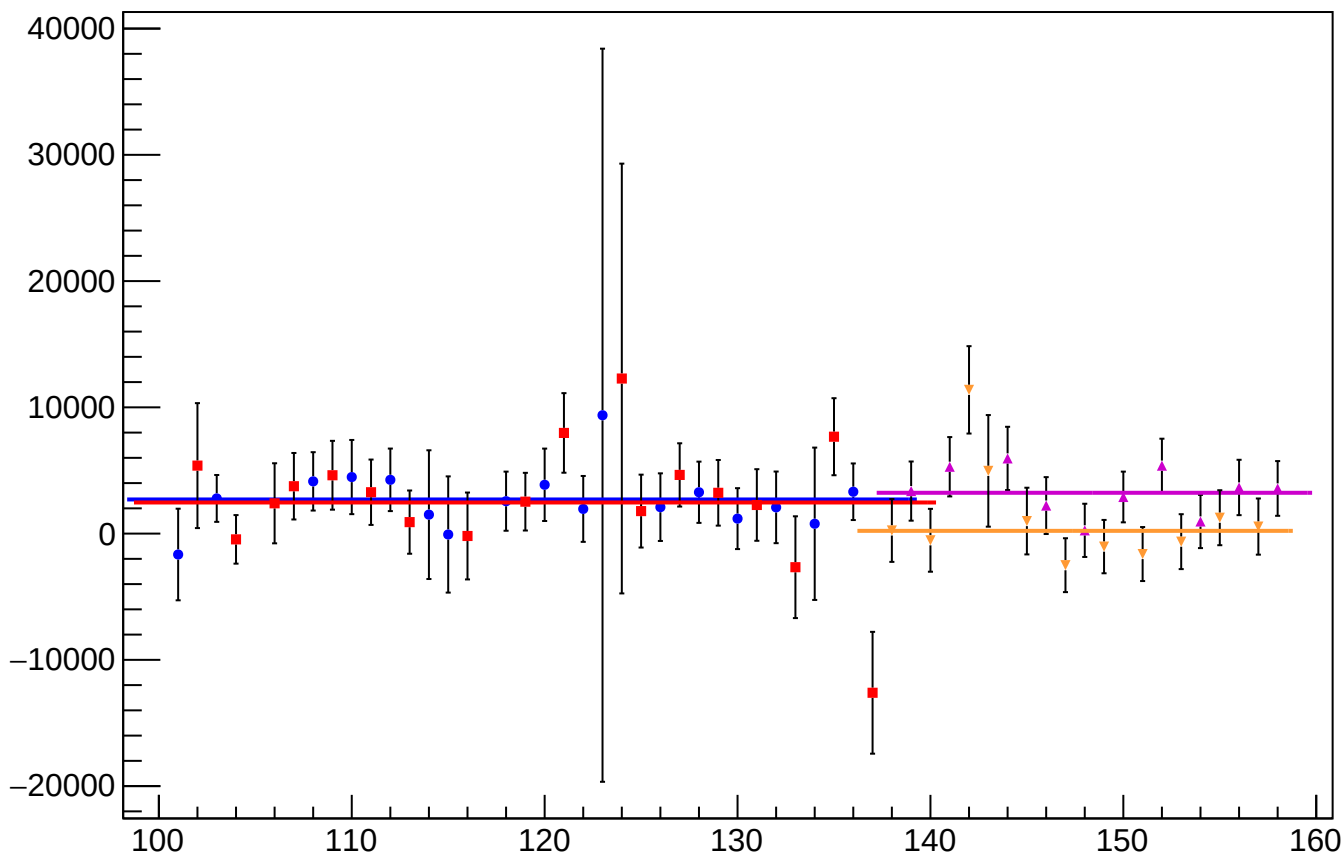
Right: 2202.183 $\pm$ 0.434 χ^2/NDF : 1631783.3/34

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

Out: 2044.640 $\pm$ 0.377 χ^2/NDF : 996547.1/28

All: 2027.474 $\pm$ 0.266 χ^2/NDF : 1923193.9/55

dit_asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: 217.853 $\pm$ 727.933 χ^2/NDF :14.9/10

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: 1790.311 $\pm$ 503.494 χ^2/NDF : 30.2/20

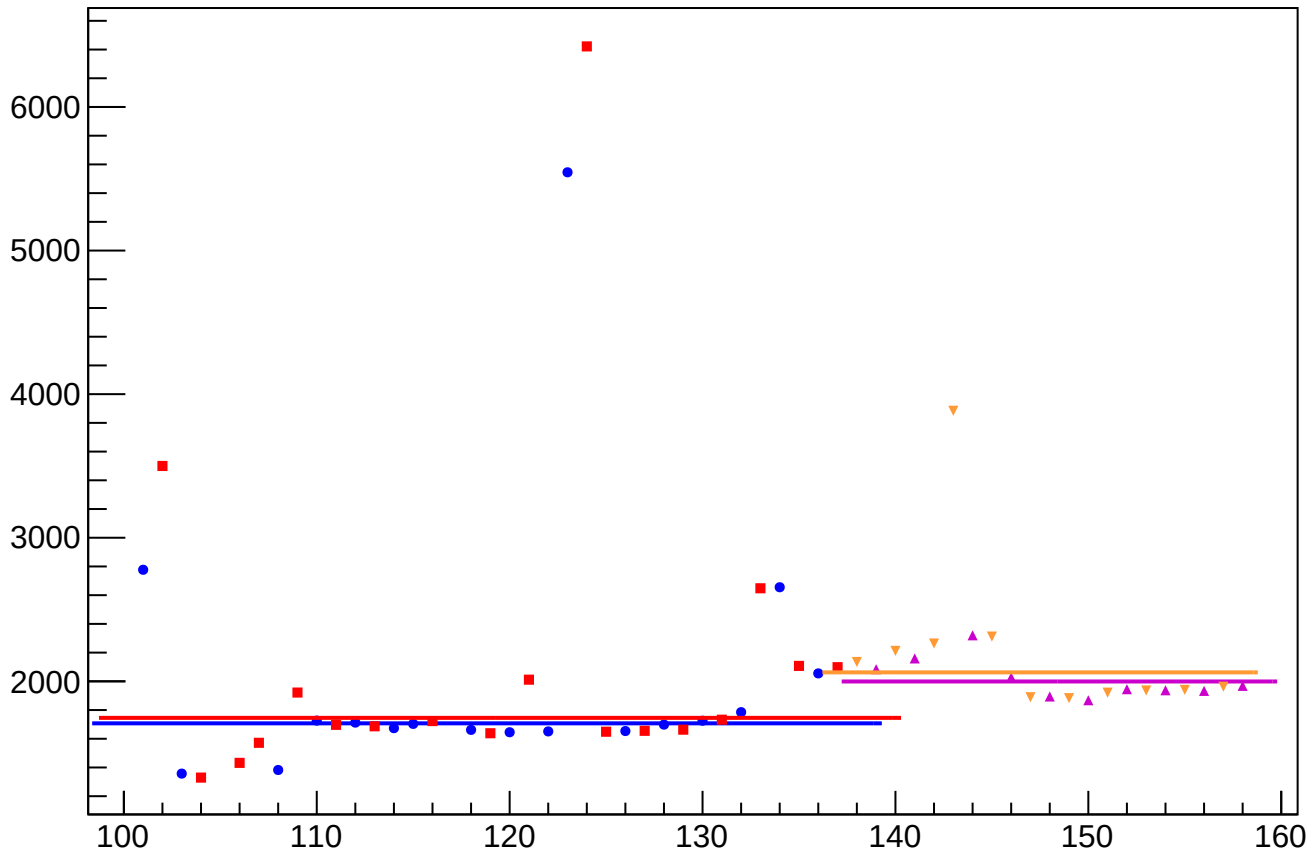
Right: 2585.697 $\pm$ 479.799 χ^2/NDF : 27.3/34

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

Out: 1412.244 $\pm$ 498.189 χ^2/NDF :43.1/28

All: 2207.159 $\pm$ 347.344 χ^2/NDF : 58.8/55

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1707.386 $\pm$ 0.477 χ^2/NDF : 422166.4/16

Left Out: 2062.358 $\pm$ 0.515 χ^2/NDF : 426555.3/10

Right Out: 1745.551 $\pm$ 0.483 χ^2/NDF : 699240.7/17

Left In: 1998.945 $\pm$ 0.493 χ^2/NDF : 63772.6/9

Left: 2029.283 $\pm$ 0.356 χ^2/NDF : 498244.1/20

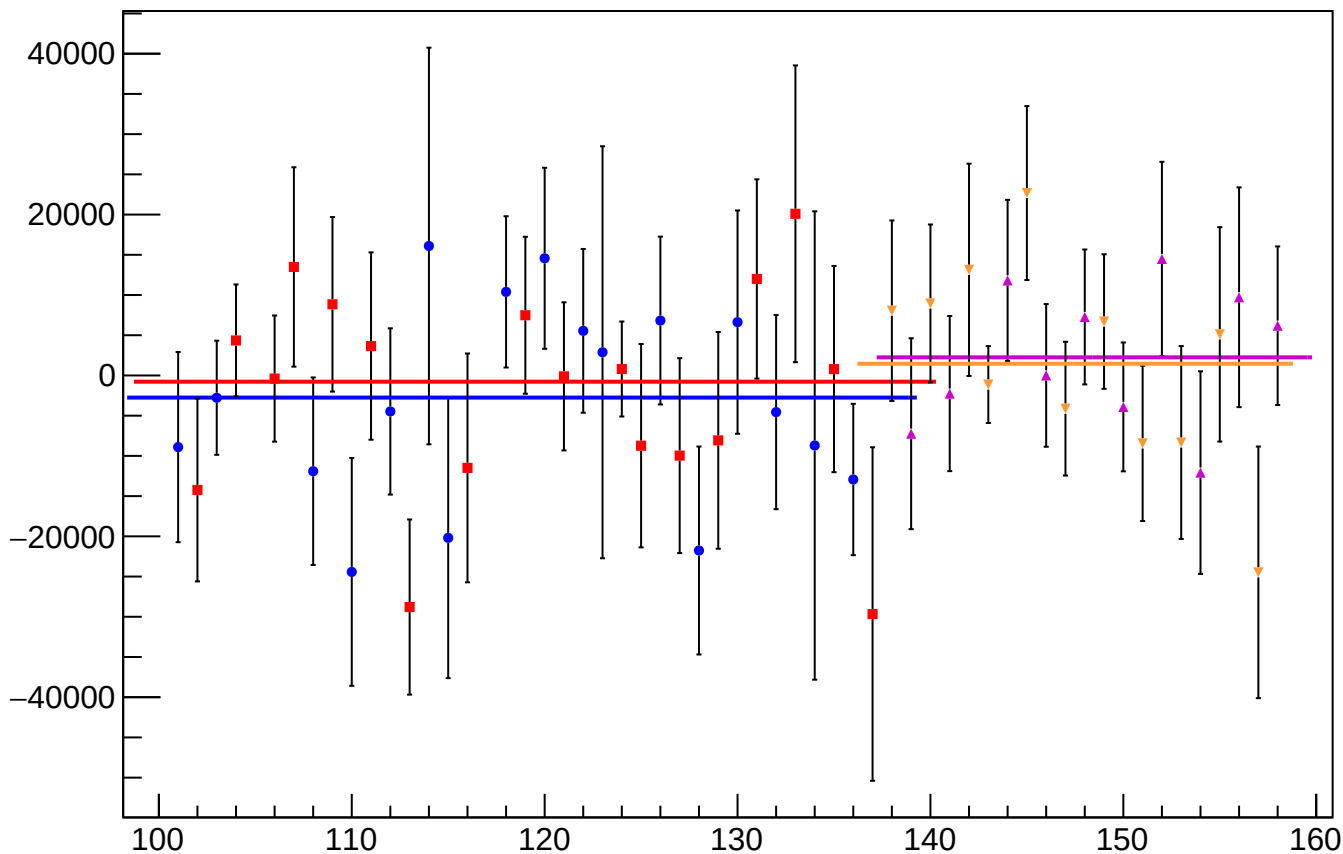
Right: 1726.210 $\pm$ 0.339 χ^2/NDF : 1124571.0/34

In: 1848.220 $\pm$ 0.343 χ^2/NDF : 666772.0/26

Out: 1893.896 $\pm$ 0.352 χ^2/NDF : 1327235.0/28

All: 1870.427 $\pm$ 0.246 χ^2/NDF : 2002647.6/55

asym_at2_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1454.663 $\pm$ 2746.721 χ^2/NDF : 11.2/10

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: 1796.339 $\pm$ 2077.435 χ^2/NDF : 16.8/20

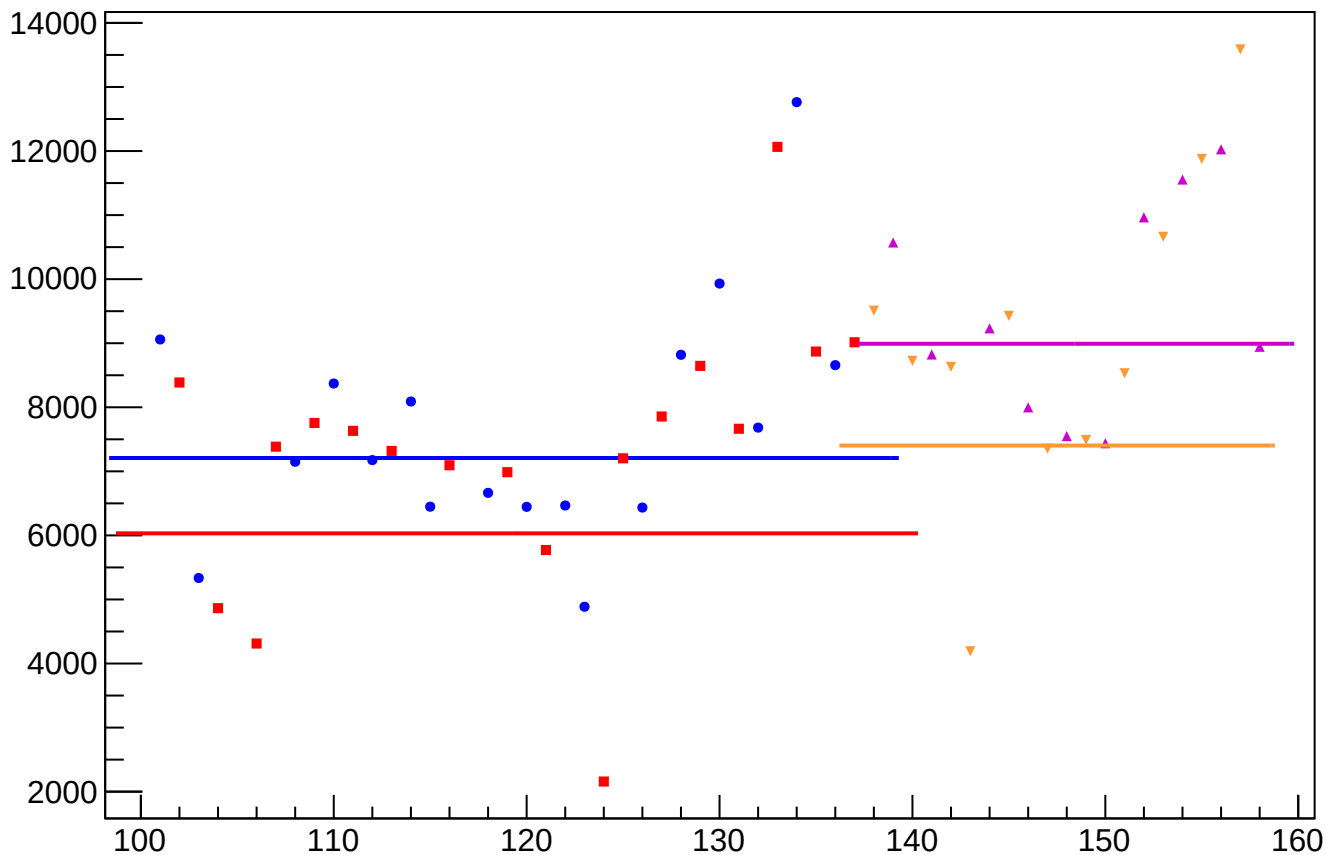
Right: -1613.491 $\pm$ 1851.753 χ^2/NDF : 32.6/34

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

Out: 208.837 $\pm$ 1824.512 χ^2/NDF : 29.4/28

All: -103.785 $\pm$ 1382.316 χ^2/NDF : 50.9/55

asym_at2_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 7402.844 $\pm$ 1.942 χ^2 /NDF: 1810426.1/10

Right Out: 6032.193 $\pm$ 1.726 χ^2 /NDF: 1797562.8/17

Left In: 8991.427 $\pm$ 2.245 χ^2 /NDF: 431640.3/9

Left: 8082.695 $\pm$ 1.469 χ^2 /NDF: 2528368.7/20

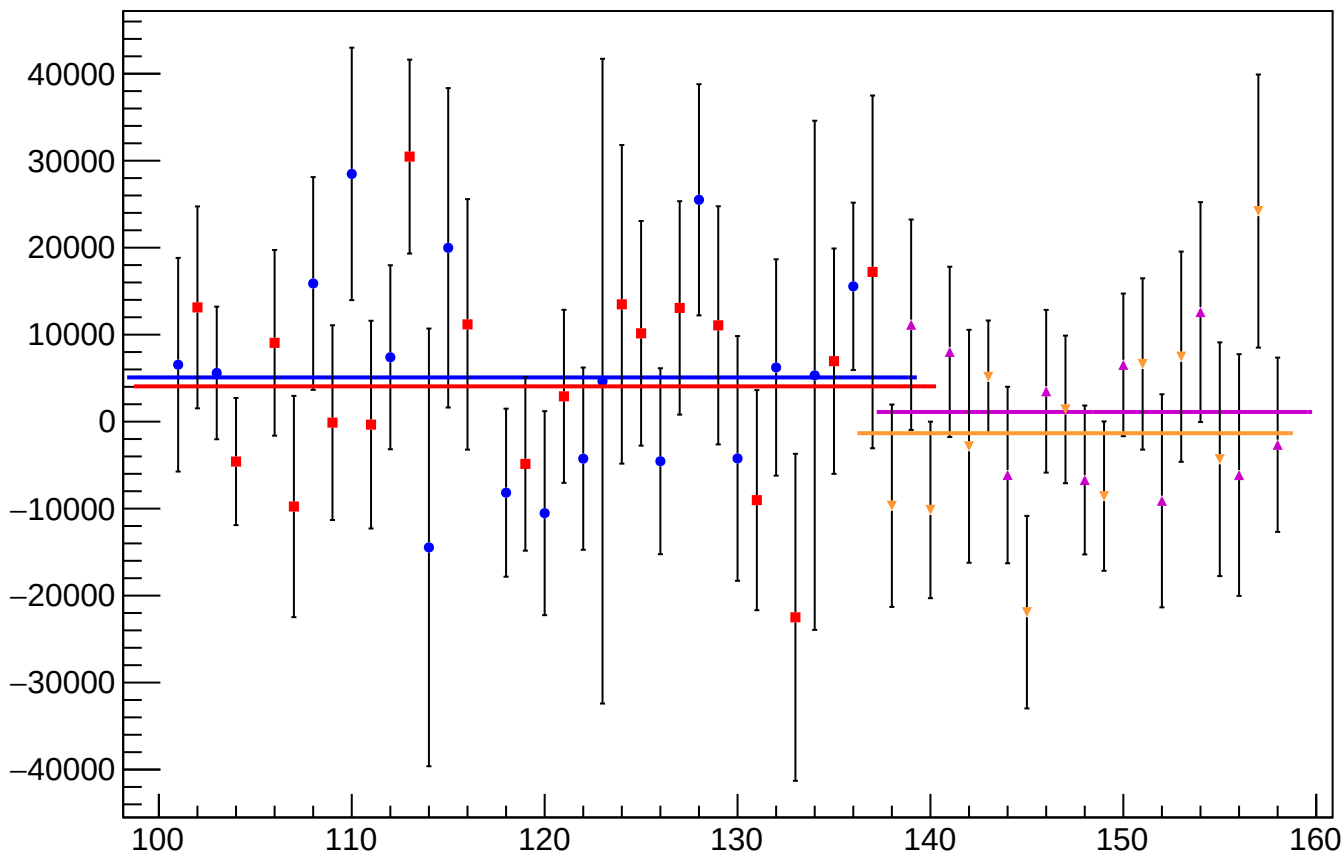
Right: 6531.375 $\pm$ 1.309 χ^2 /NDF: 2488415.8/34

In: 8001.464 $\pm$ 1.498 χ^2 /NDF: 1275471.4/26

Out: 6636.964 $\pm$ 1.290 χ^2 /NDF: 3886273.1/28

All: 7218.224 $\pm$ 0.977 χ^2 /NDF: 5638263.6/55

asym_at2_avg_mean vs Slug, Sign Corrected



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

Left Out: -1329.274+/-3030.785 χ^2/NDF : 10.4/10

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: -192.149+/-2214.812 χ^2/NDF : 15.7/20

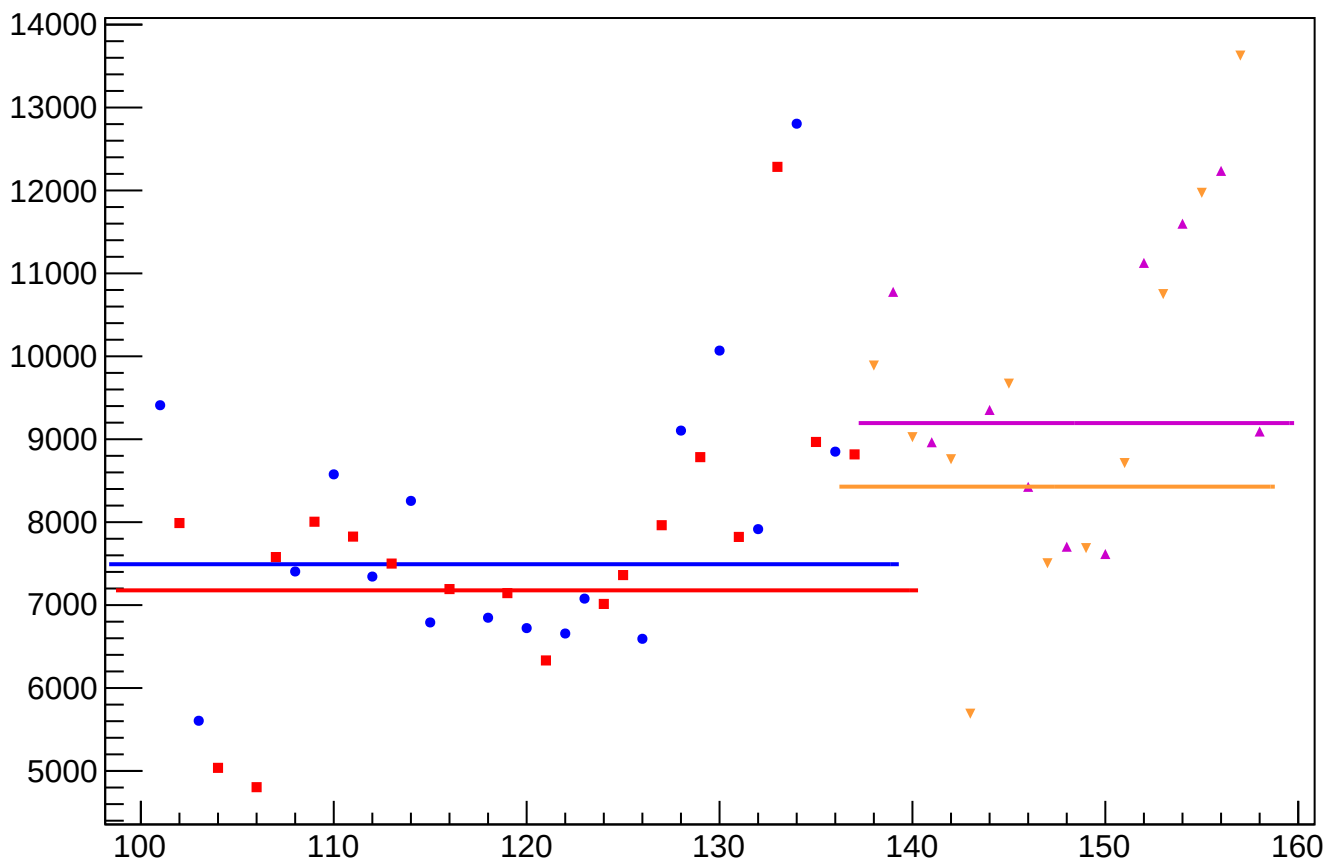
Right: 4542.385+/-2032.595 χ^2/NDF : 29.2/34

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

Out: 1575.887+/-2056.684 χ^2/NDF : 27.3/28

All: 2377.860+/-1497.544 χ^2/NDF : 47.4/55

asym_at2_avg_rms vs Slug, Sign Corrected



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

Left Out: 8428.303+/-2.143 χ^2/NDF : 894428.0/10

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: 8785.488+/-1.566 χ^2/NDF : 1356286.2/20

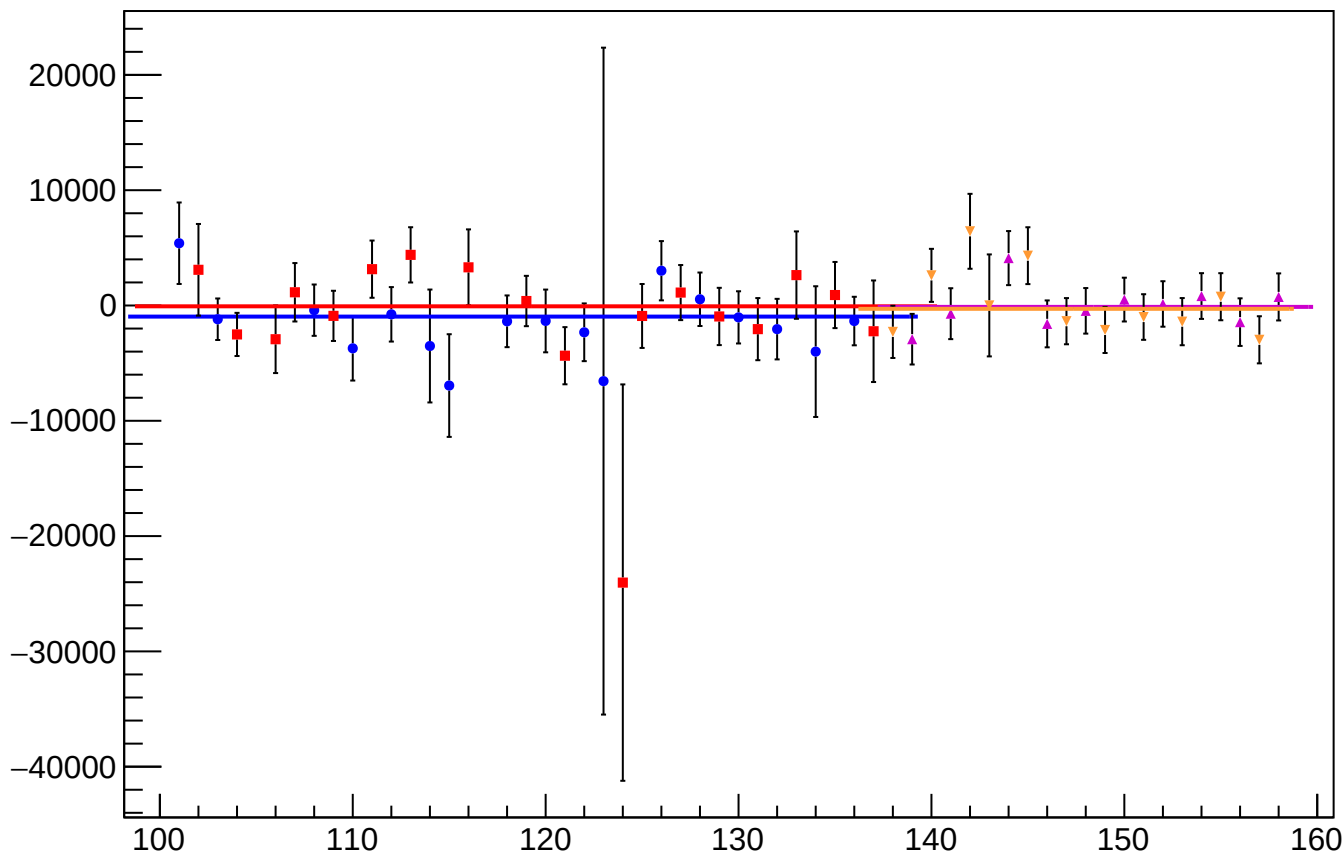
Right: 7326.859+/-1.437 χ^2/NDF : 1004970.1/34

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

Out: 7753.576+/-1.454 χ^2/NDF : 1634038.4/28

All: 7993.654+/-1.059 χ^2/NDF : 2832163.4/55

dit_asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -287.636 $\pm$ 679.023 χ^2 /NDF:13.7/10

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: -200.629 $\pm$ 470.123 χ^2 /NDF: 20.2/20

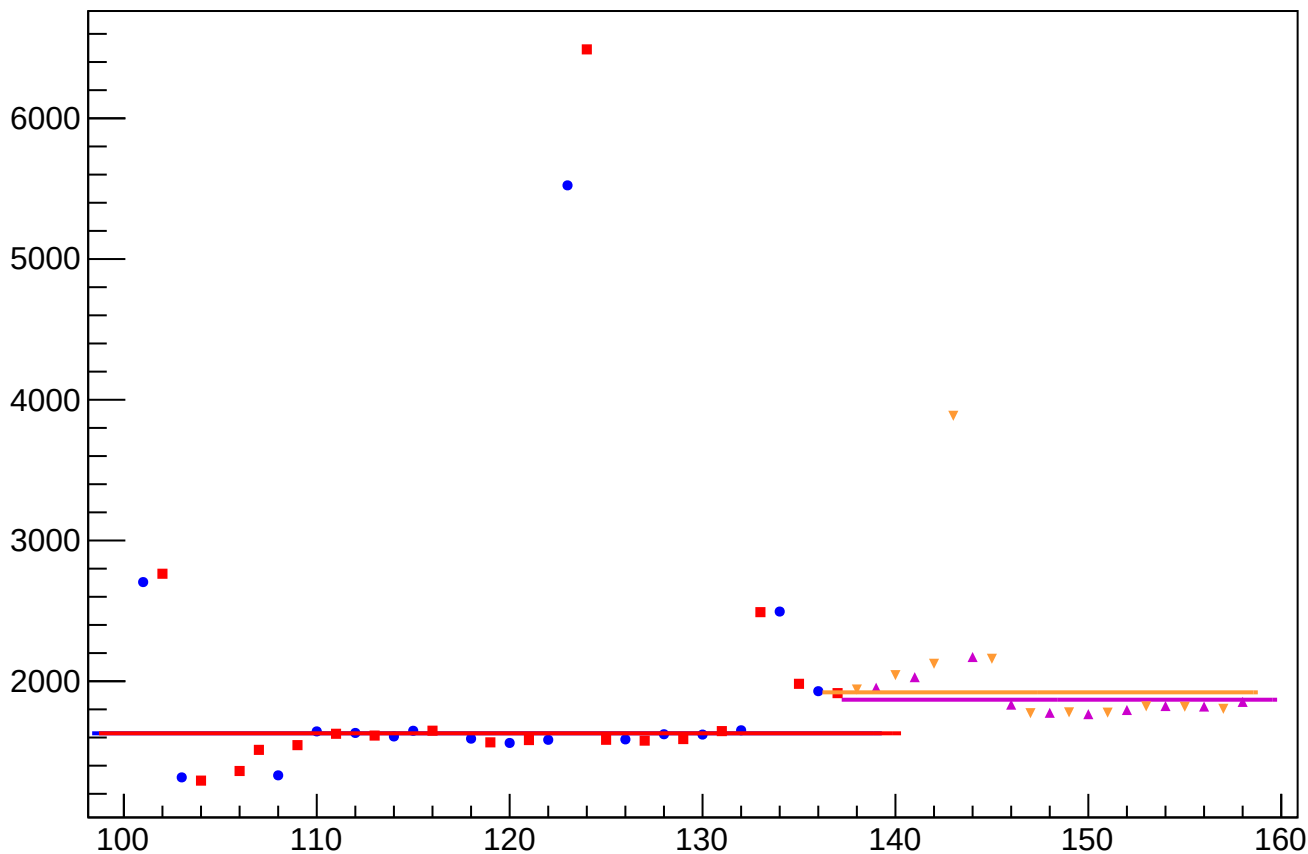
Right: -510.933 $\pm$ 451.616 χ^2 /NDF: 27.8/34

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

Out: -172.143 $\pm$ 463.572 χ^2 /NDF:30.5/28

All: -362.009 $\pm$ 325.687 χ^2 /NDF: 48.2/55

dit_asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 1921.048 ± 0.480 $\chi^2/\text{NDF}: 475262.2/10$

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

Left In: 1868.630 ± 0.461 $\chi^2/\text{NDF}: 62874.3/9$

Left: 1893.757 ± 0.332 $\chi^2/\text{NDF}: 544341.9/20$

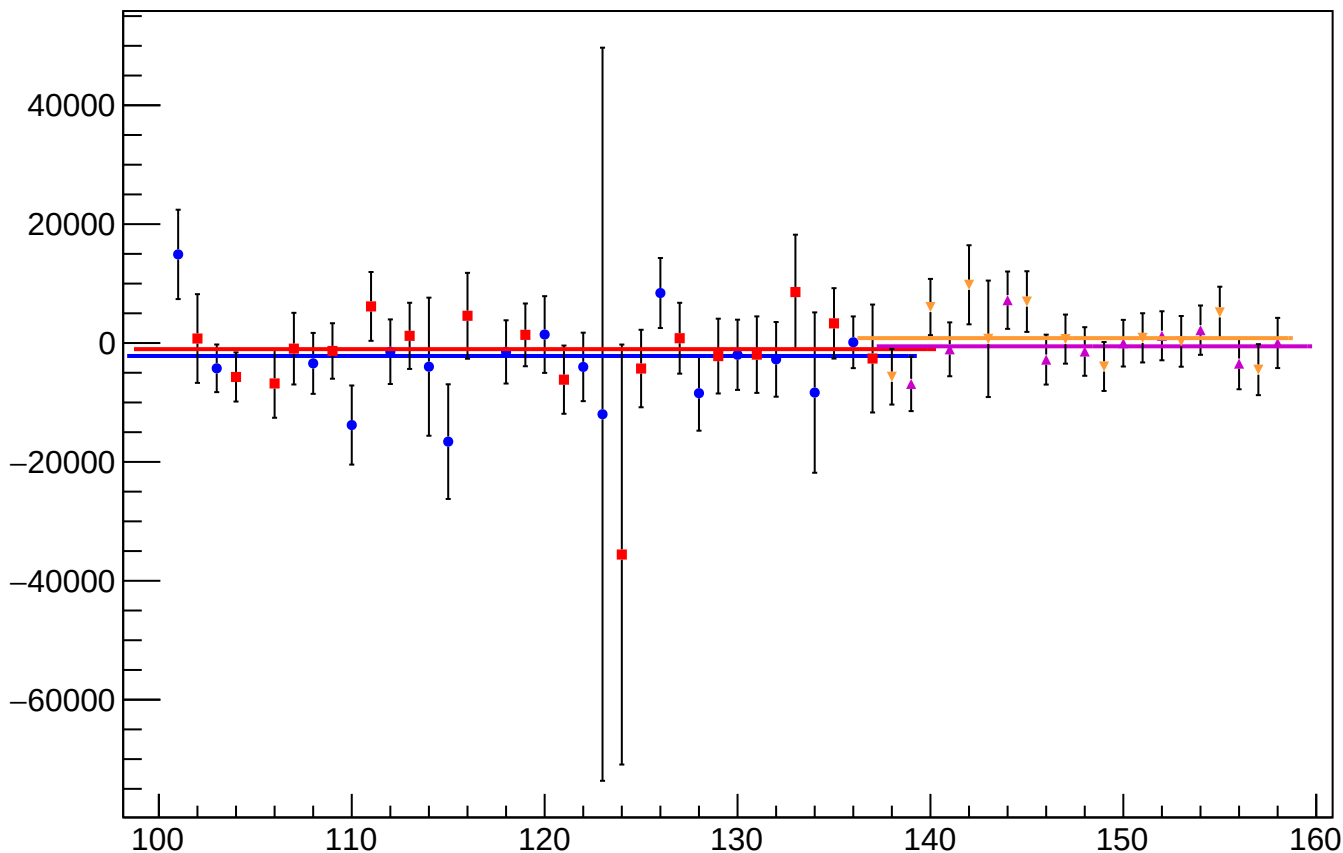
Right: 1629.948 ± 0.319 $\chi^2/\text{NDF}: 965609.1/34$

In: 1747.722 ± 0.324 $\chi^2/\text{NDF}: 606986.8/26$

Out: 1765.621 ± 0.328 $\chi^2/\text{NDF}: 1228982.5/28$

All: 1756.557 ± 0.230 $\chi^2/\text{NDF}: 1837479.2/55$

asym_at2_dd_correction_mean vs Slug, Sign Corrected



Right In: -2179.244 $\pm$ 1493.026 χ^2 /NDF: 16.0/16

Left Out: 826.356 $\pm$ 1413.156 χ^2 /NDF:10.3/10

Right Out: -1026.991 $\pm$ 1442.331 χ^2 /NDF: 8.6/17

Left In: -553.692 $\pm$ 1351.416 χ^2 /NDF:5.9/9

Left: 105.527 $\pm$ 976.693 χ^2 /NDF: 16.8/20

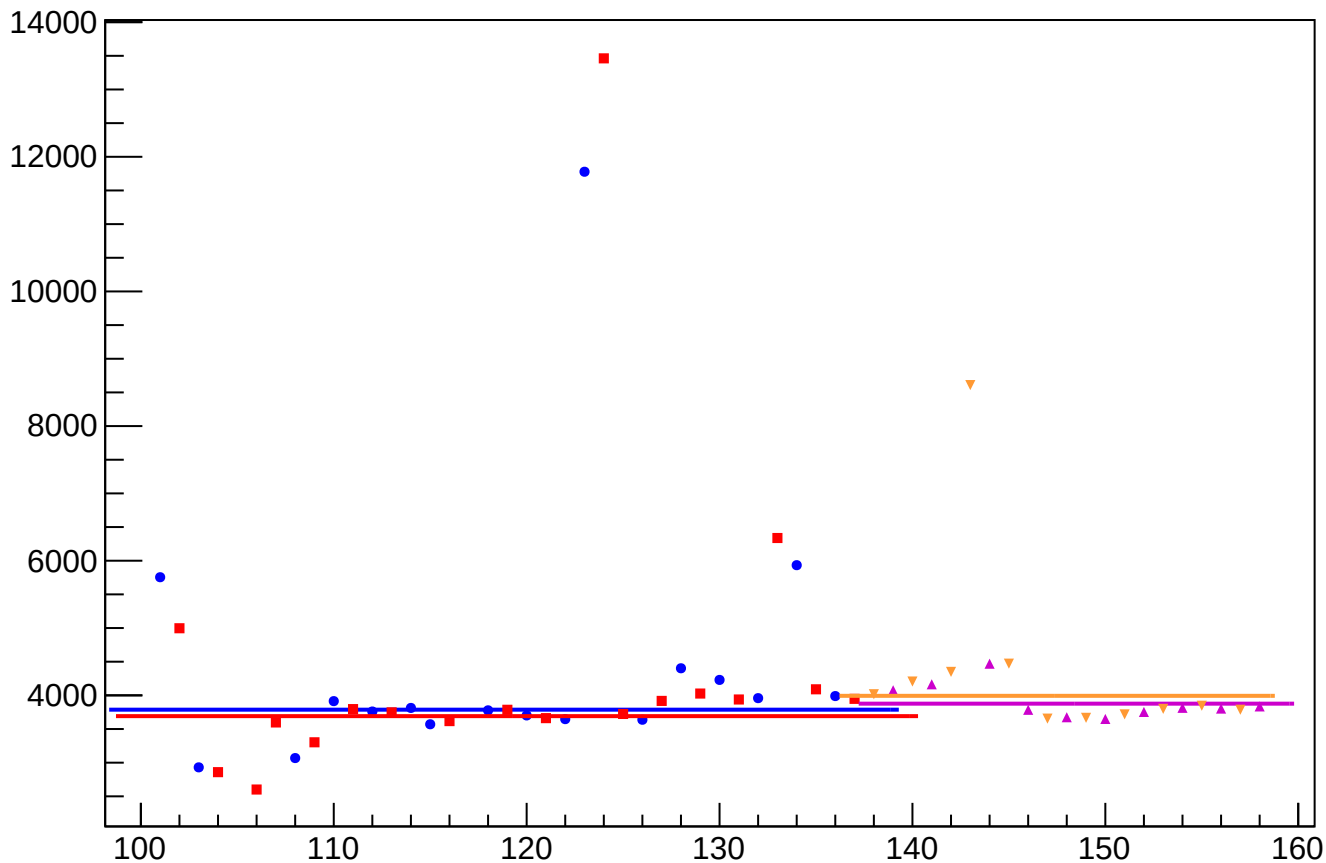
Right: -1583.224 $\pm$ 1037.341 χ^2 /NDF: 24.9/34

In: -1285.741 $\pm$ 1001.929 χ^2 /NDF:22.6/26

Out: -81.384 $\pm$ 1009.409 χ^2 /NDF:19.7/28

All: -688.041 $\pm$ 711.100 χ^2 /NDF: 43.0/55

asym_at2_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3993.002+/-0.999 χ^2/NDF : 517319.1/10

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: 3932.202+/-0.691 χ^2/NDF : 581982.3/20

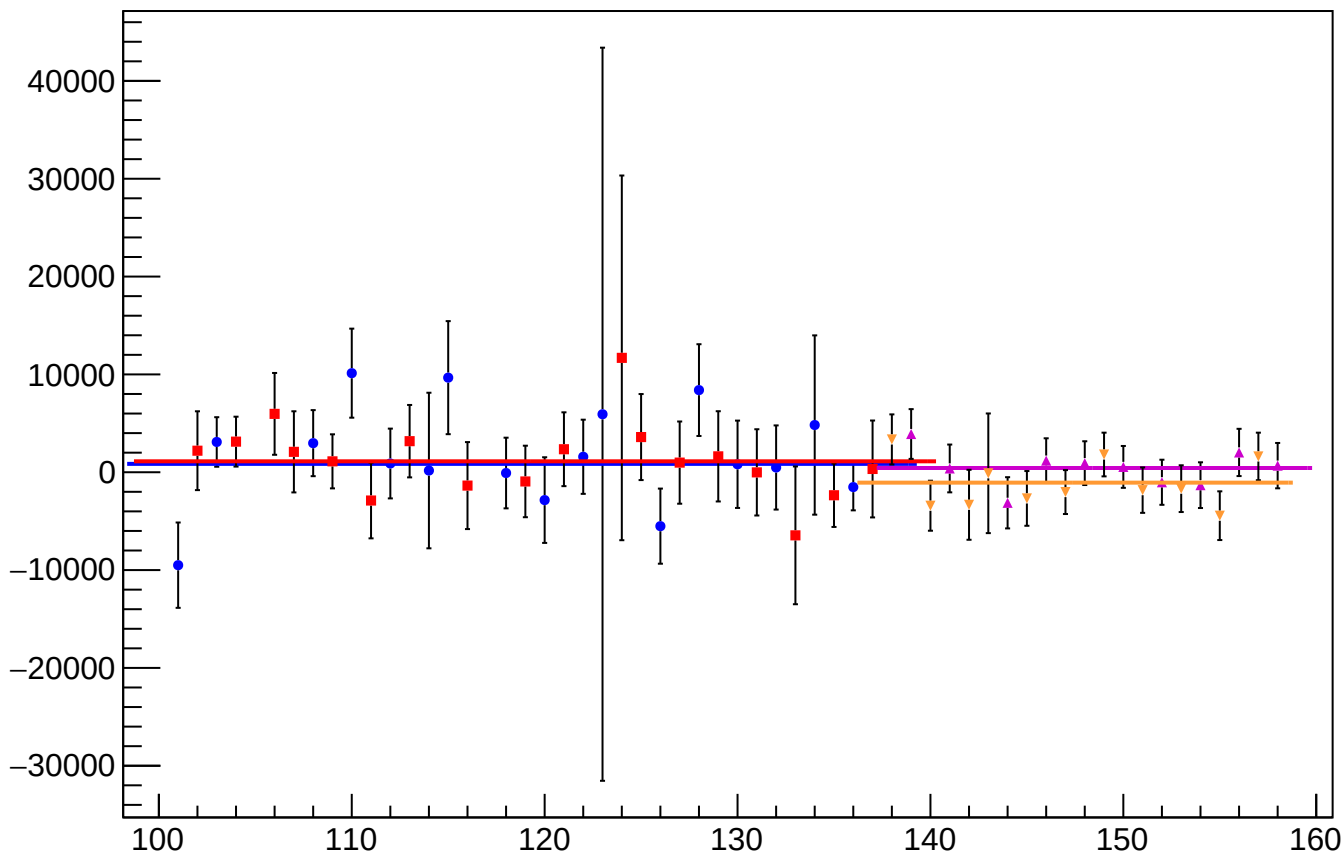
Right: 3737.614+/-0.734 χ^2/NDF : 952090.1/34

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

Out: 3845.203+/-0.714 χ^2/NDF : 1117142.1/28

All: 3840.761+/-0.503 χ^2/NDF : 1571377.7/55

asym_at2_dd_mean vs Slug, Sign Corrected



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

Left Out: -1062.908 $\pm$ 783.536 χ^2 /NDF:9.7/10

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

Left In: 433.778 $\pm$ 743.831 χ^2 /NDF:5.3/9

Left: -275.684 $\pm$ 539.458 χ^2 /NDF: 16.9/20

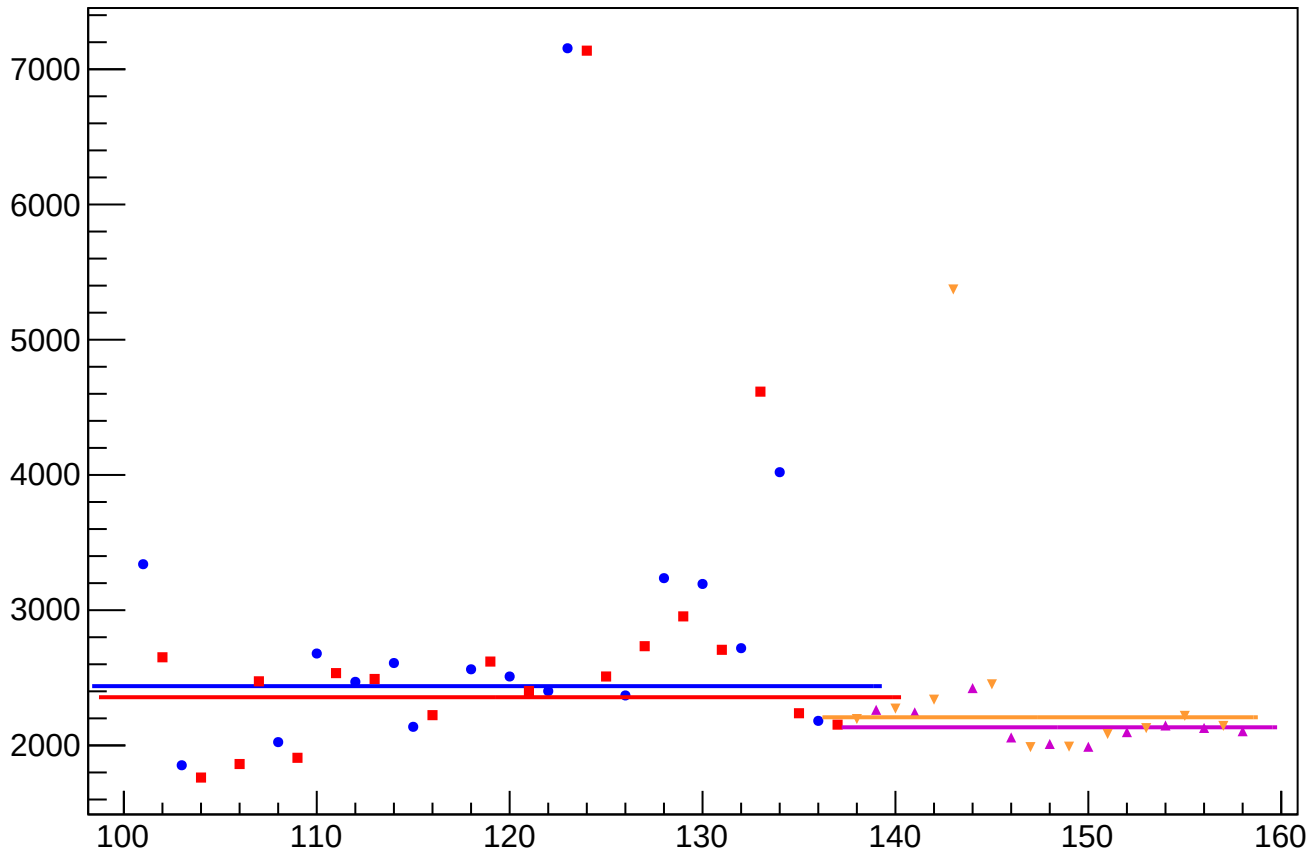
Right: 992.055 $\pm$ 668.506 χ^2 /NDF: 28.0/34

In: 591.265 $\pm$ 589.070 χ^2 /NDF:26.1/26

Out: -154.500 $\pm$ 598.463 χ^2 /NDF:20.1/28

All: 224.280 $\pm$ 419.817 χ^2 /NDF: 47.0/55

asym_at2_dd_rms vs Slug, Sign Corrected



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

Left Out: 2208.127+/-0.554 χ^2/NDF : 601963.3/10

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: 2169.140+/-0.381 χ^2/NDF : 663299.5/20

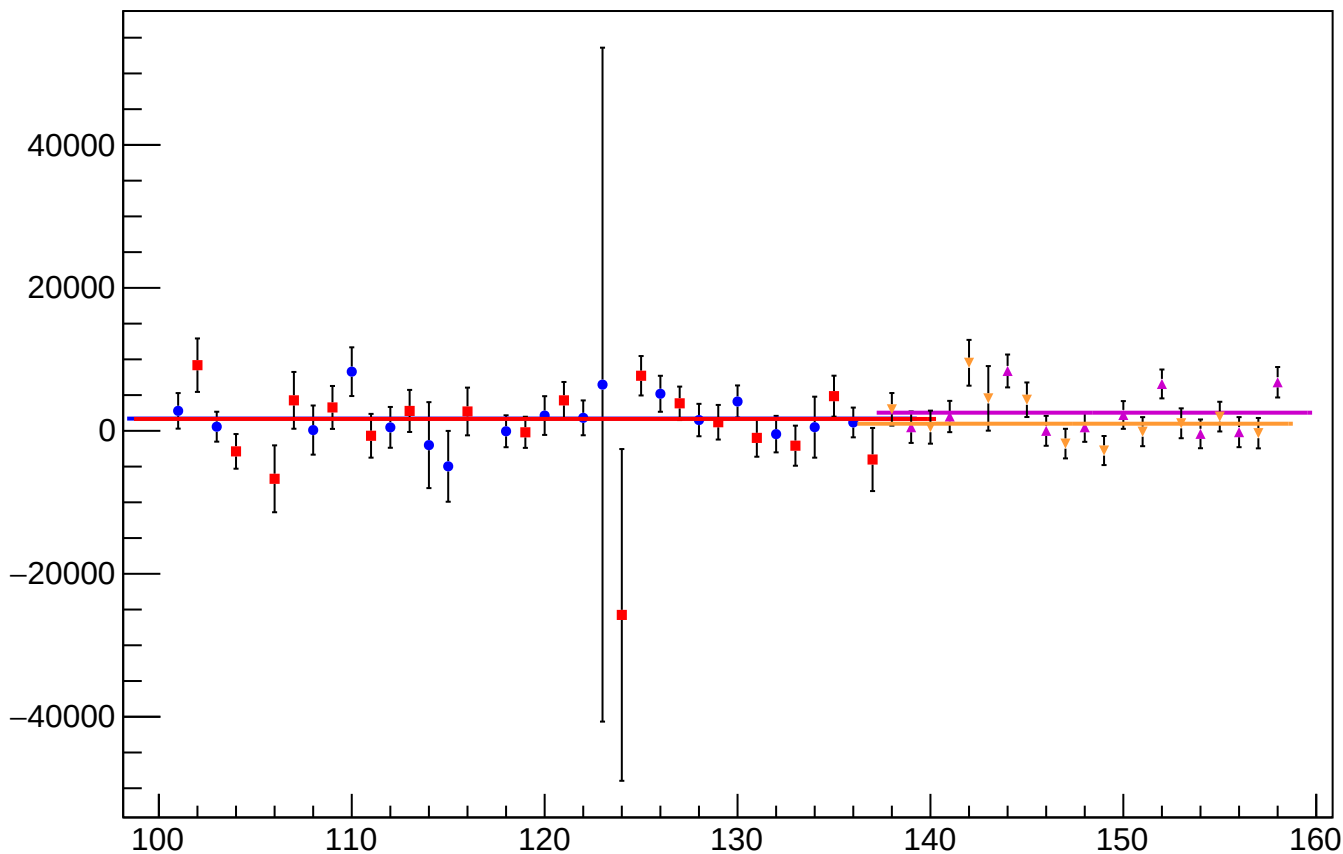
Right: 2395.716+/-0.473 χ^2/NDF : 1113343.5/34

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

Out: 2269.902+/-0.423 χ^2/NDF : 1260936.1/28

All: 2258.496+/-0.297 χ^2/NDF : 1915783.3/55

dit_asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 997.570+/-690.623 χ^2/NDF : 16.6/10

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: 1800.059+/-478.262 χ^2/NDF : 40.8/20

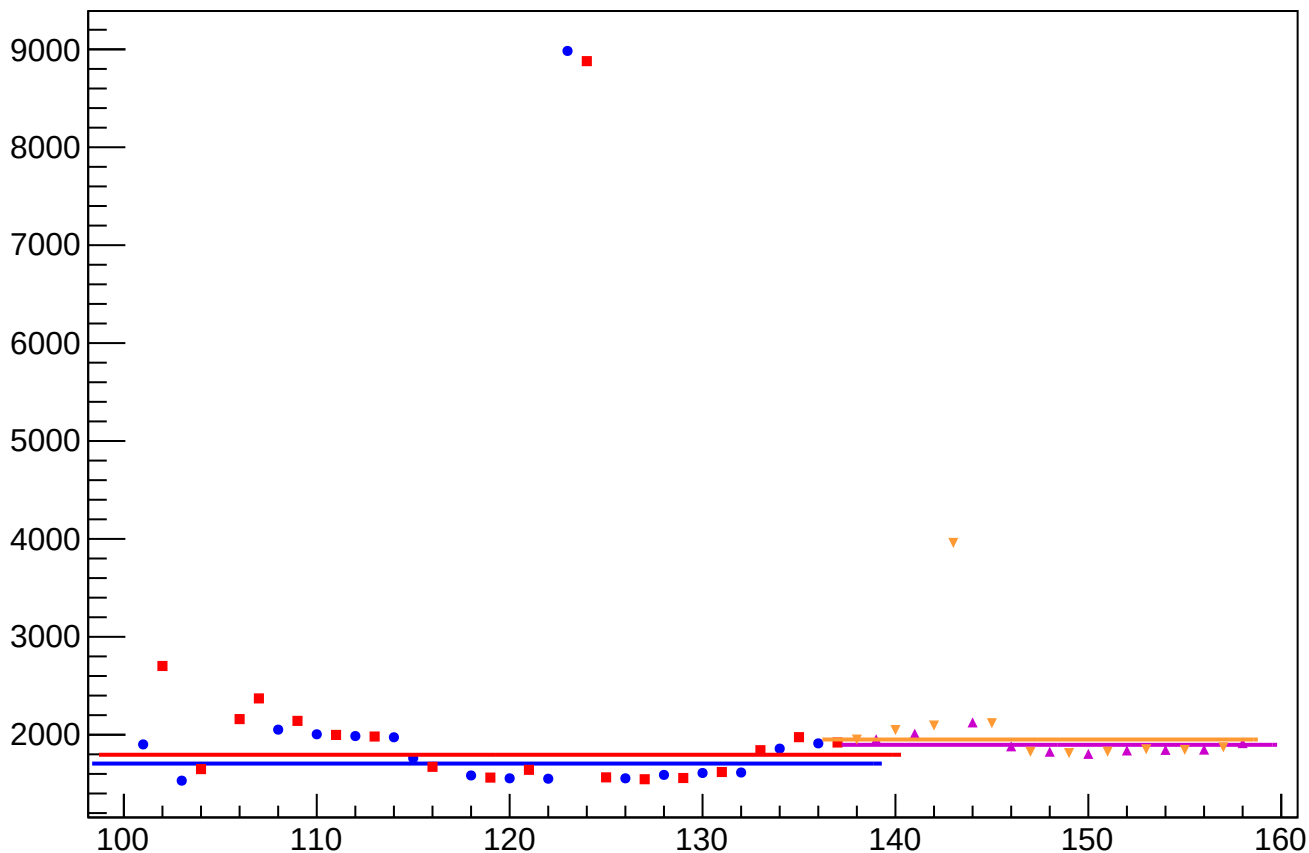
Right: 1689.956+/-481.523 χ^2/NDF : 38.2/34

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

Out: 1329.023+/-490.130 χ^2/NDF : 43.9/28

All: 1745.381+/-339.330 χ^2/NDF : 79.0/55

dit_asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 1951.456 $\pm$ 0.488 χ^2/NDF : 448826.4/10

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: 1923.209 $\pm$ 0.338 χ^2/NDF : 492989.3/20

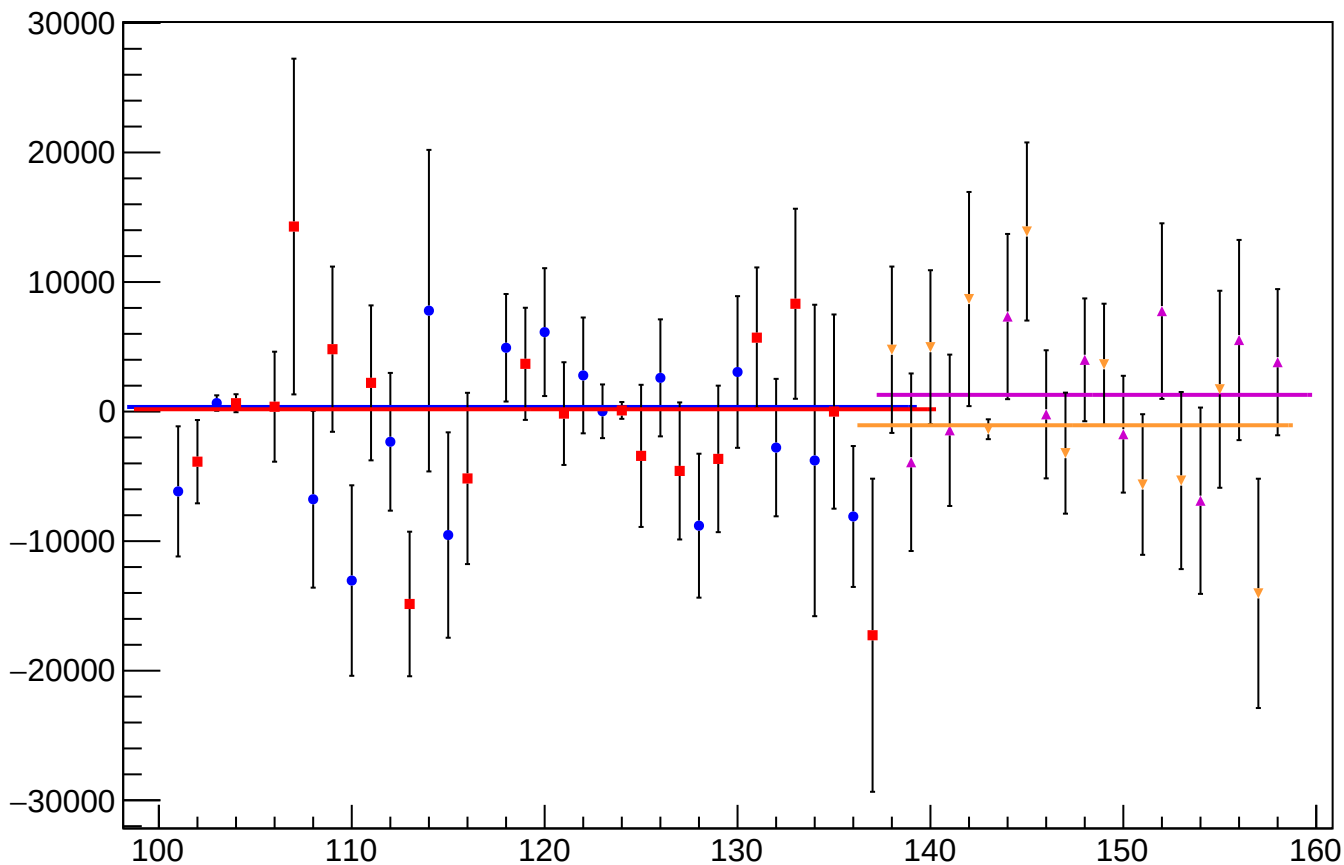
Right: 1748.814 $\pm$ 0.340 χ^2/NDF : 730436.4/34

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

Out: 1873.915 $\pm$ 0.346 χ^2/NDF : 1018315.9/28

All: 1836.512 $\pm$ 0.240 χ^2/NDF : 1355627.3/55

asym_atl_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: -1055.165 $\pm$ 712.619 χ^2 /NDF:12.7/10

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: -745.758 $\pm$ 663.975 χ^2 /NDF: 19.4/20

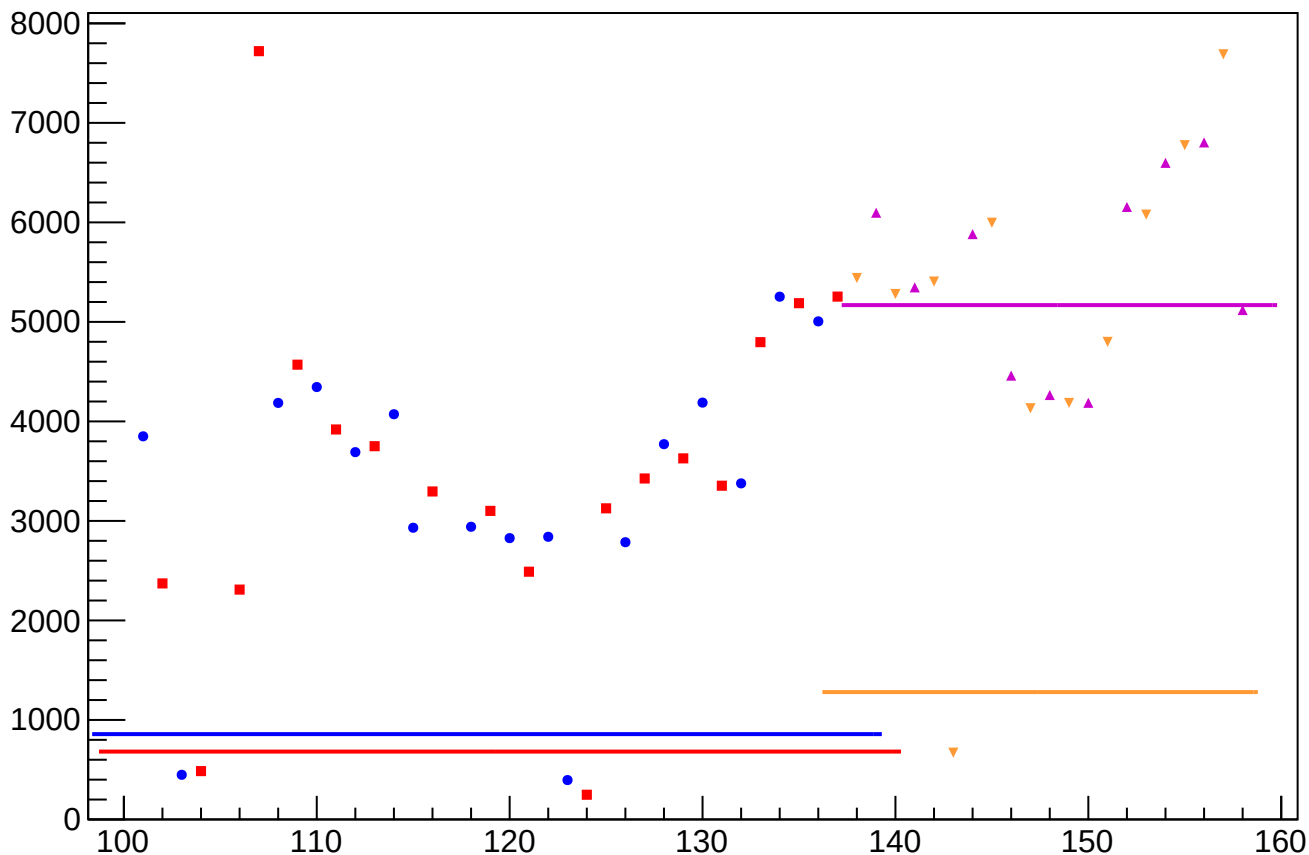
Right: 252.583 $\pm$ 342.551 χ^2 /NDF: 36.1/34

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

Out: -169.343 $\pm$ 378.667 χ^2 /NDF:33.4/28

All: 42.720 $\pm$ 304.425 χ^2 /NDF: 57.3/55

asym_atl_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 1279.954+/-0.504 χ^2/NDF : 9889174.3/10

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: 1792.742+/-0.470 χ^2/NDF : 18226113.7/20

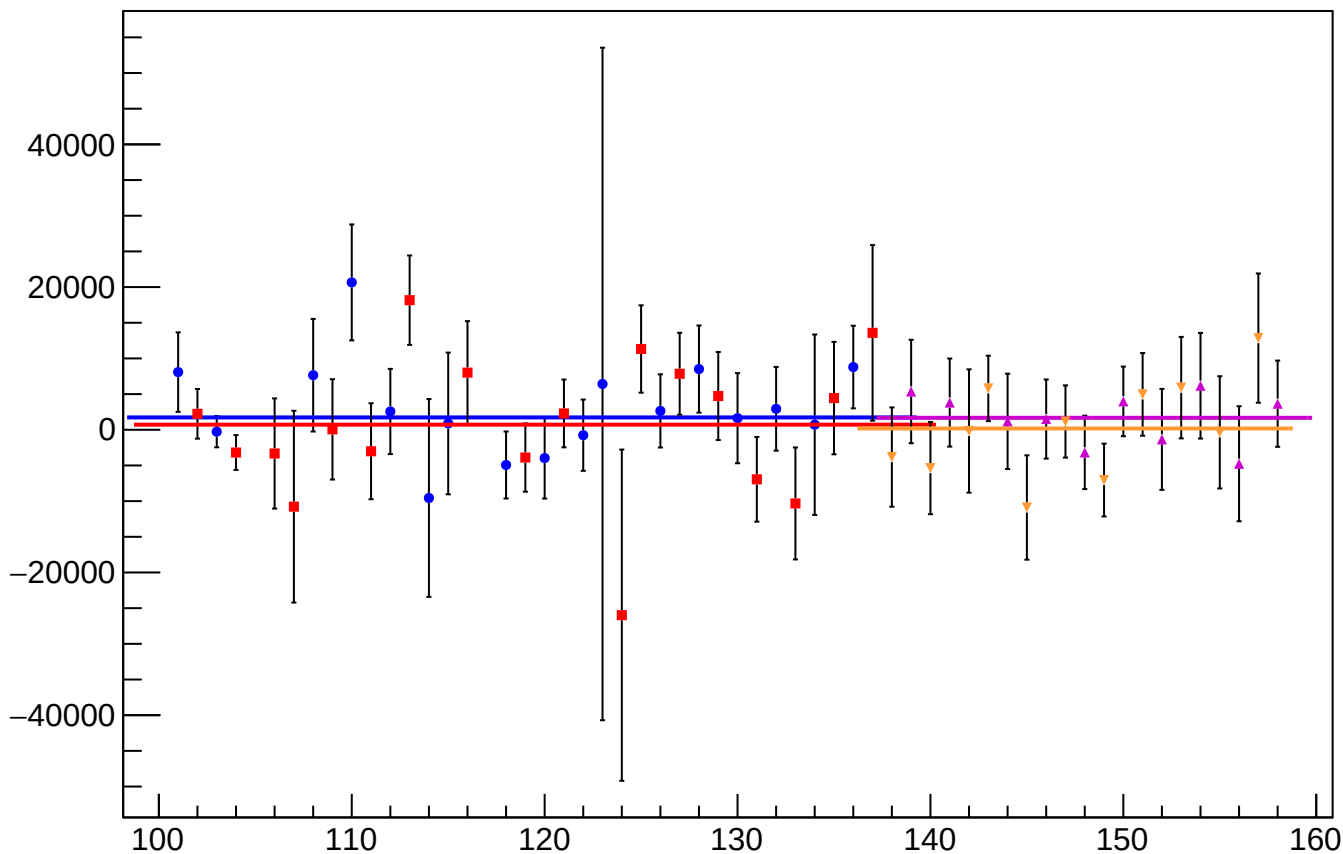
Right: 754.488+/-0.242 χ^2/NDF : 17680867.8/34

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

Out: 850.918+/-0.268 χ^2/NDF : 20277910.5/28

All: 972.741+/-0.215 χ^2/NDF : 39769265.1/55

asym_atl_avg_mean vs Slug, Sign Corrected



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

Left Out: 184.048+/-1890.812 χ^2/NDF :10.2/10

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: 905.330+/-1359.890 χ^2/NDF : 13.3/20

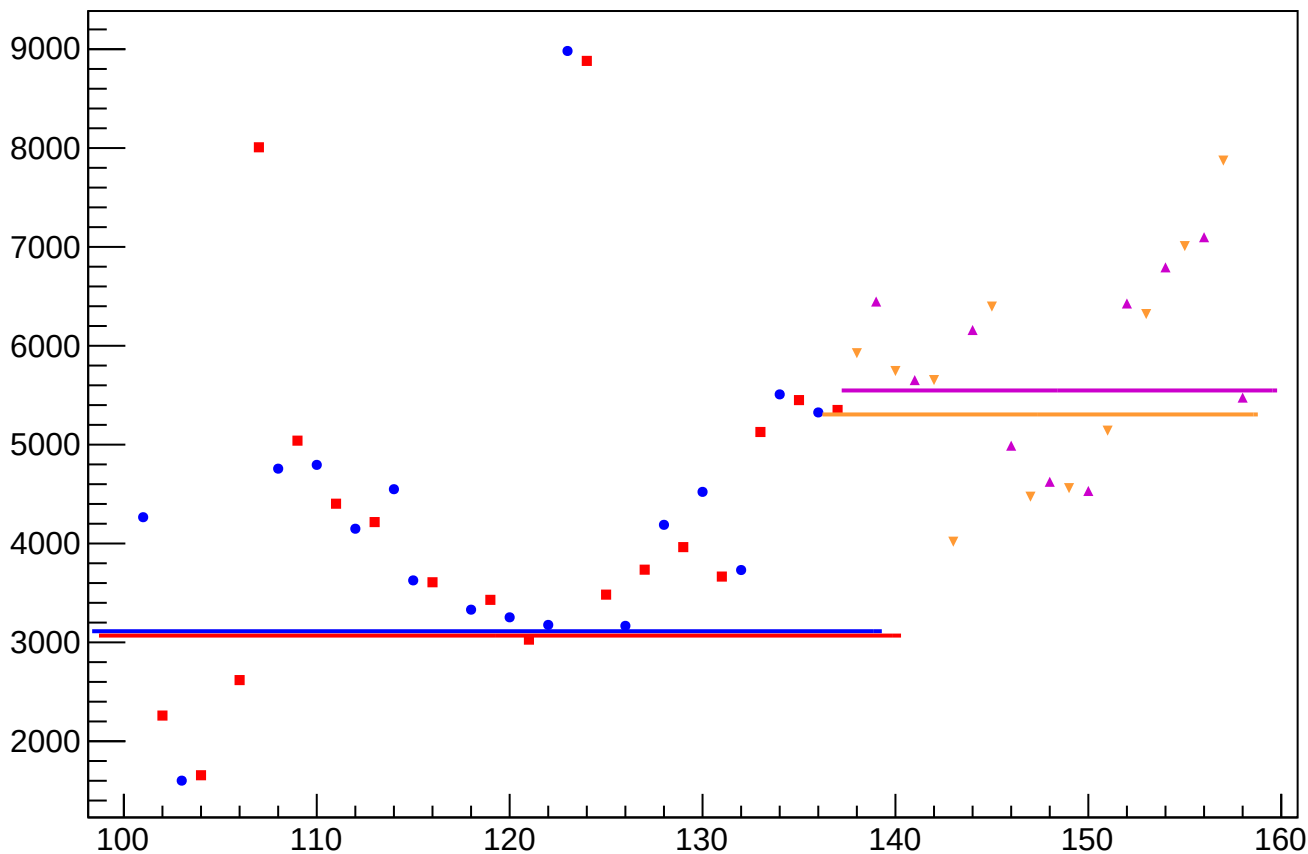
Right: 1218.933+/-917.539 χ^2/NDF : 40.3/34

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

Out: 546.577+/-1066.014 χ^2/NDF :35.4/28

All: 1120.829+/-760.601 χ^2/NDF : 53.7/55

asym_atl_avg_rms vs Slug, Sign Corrected



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

Left Out: 5305.372 $\pm$ 1.337 χ^2 /NDF: 624100.3/10

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: 5422.478 $\pm$ 0.962 χ^2 /NDF: 1021478.2/20

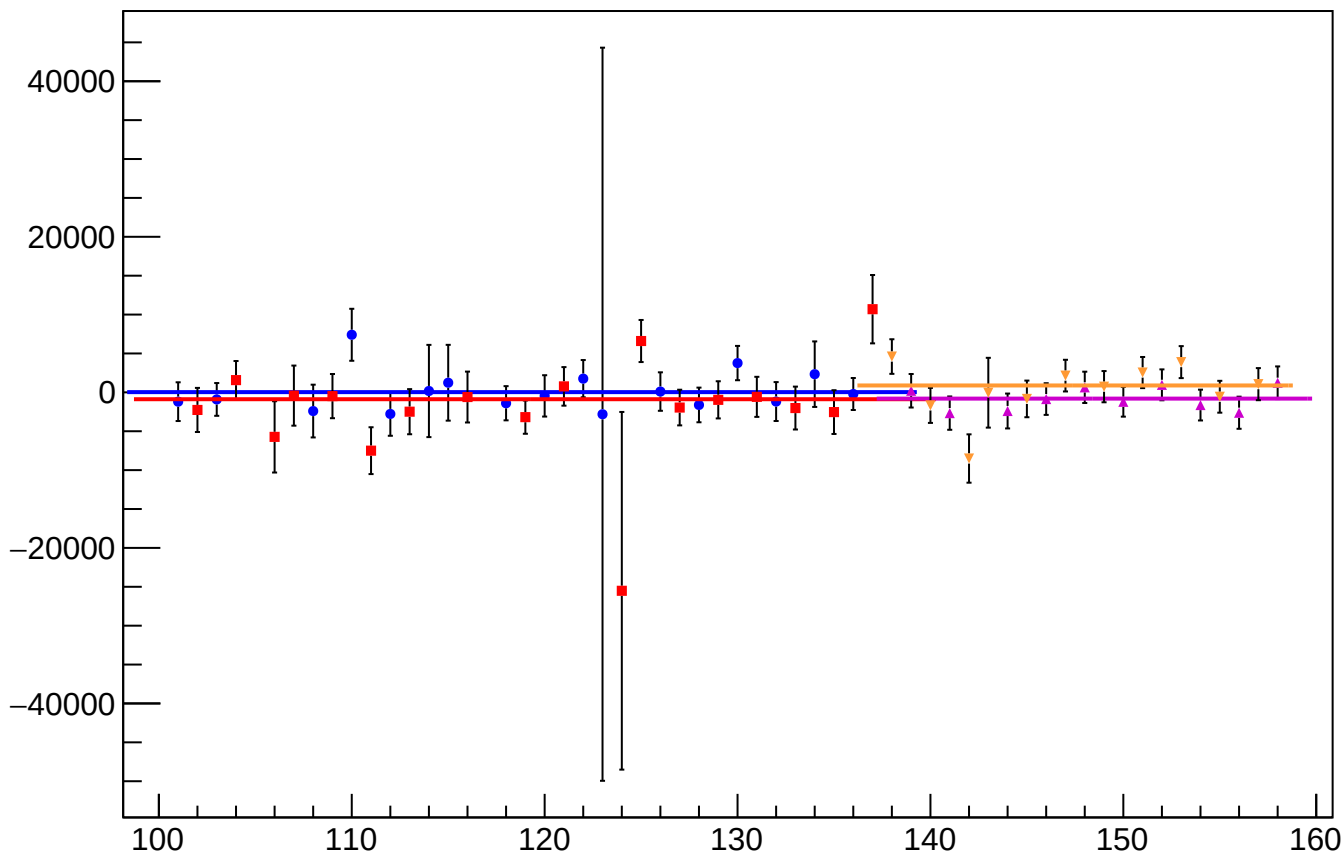
Right: 3090.101 $\pm$ 0.644 χ^2 /NDF: 3887313.2/34

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

Out: 3765.427 $\pm$ 0.746 χ^2 /NDF: 4552607.4/28

All: 3812.259 $\pm$ 0.535 χ^2 /NDF: 8970477.7/55

dit_asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 885.851 ± 676.960 χ^2/NDF : 17.5/10

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

Left In: -805.072 ± 650.472 χ^2/NDF : 4.7/9

Left: 6.662 ± 469.038 χ^2/NDF : 25.5/20

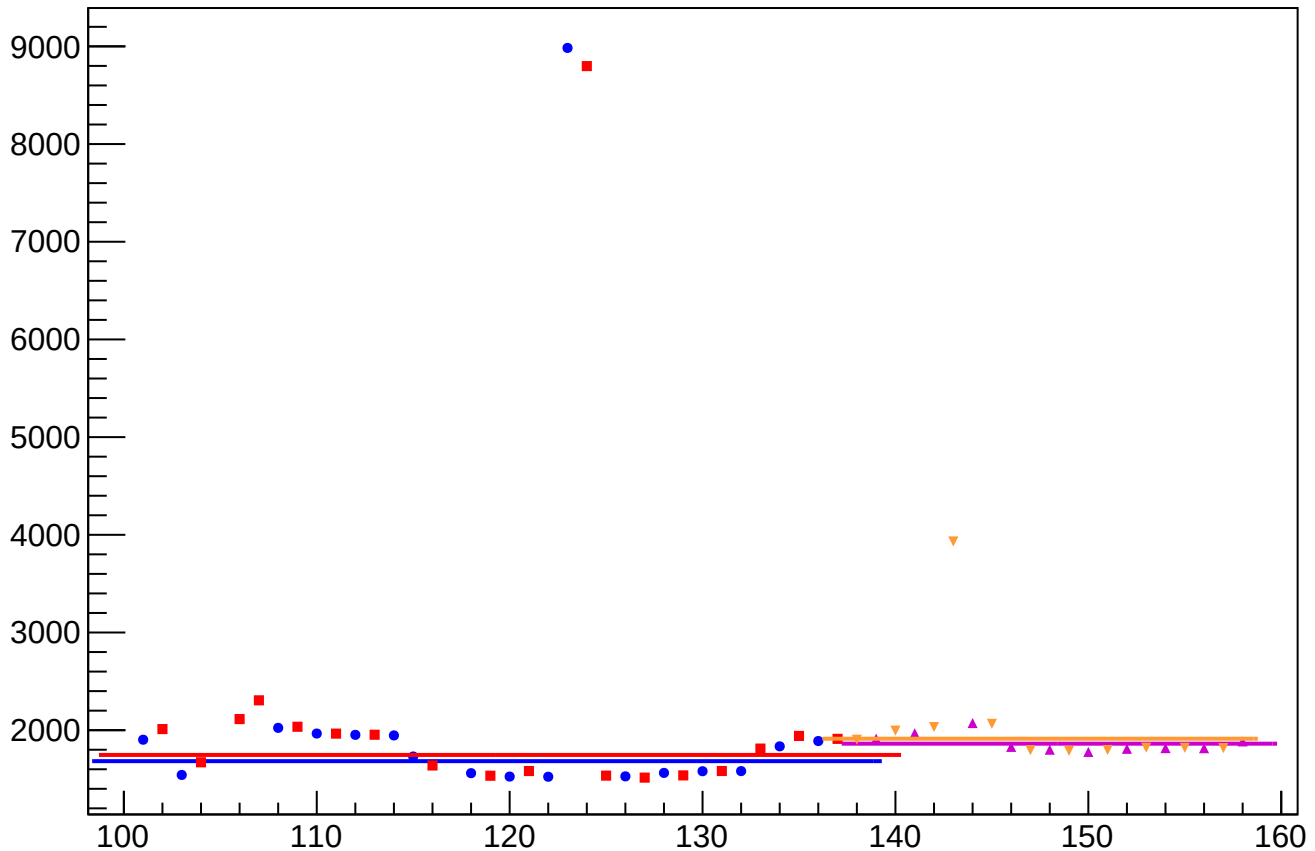
Right: -415.699 ± 471.191 χ^2/NDF : 38.4/34

In: -393.039 ± 462.732 χ^2/NDF : 17.4/26

Out: -1.475 ± 477.855 χ^2/NDF : 46.6/28

All: -203.551 ± 332.419 χ^2/NDF : 64.3/55

dit_asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 1912.770+/-0.479 χ^2/NDF : 452293.5/10

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: 1886.302+/-0.332 χ^2/NDF : 491988.8/20

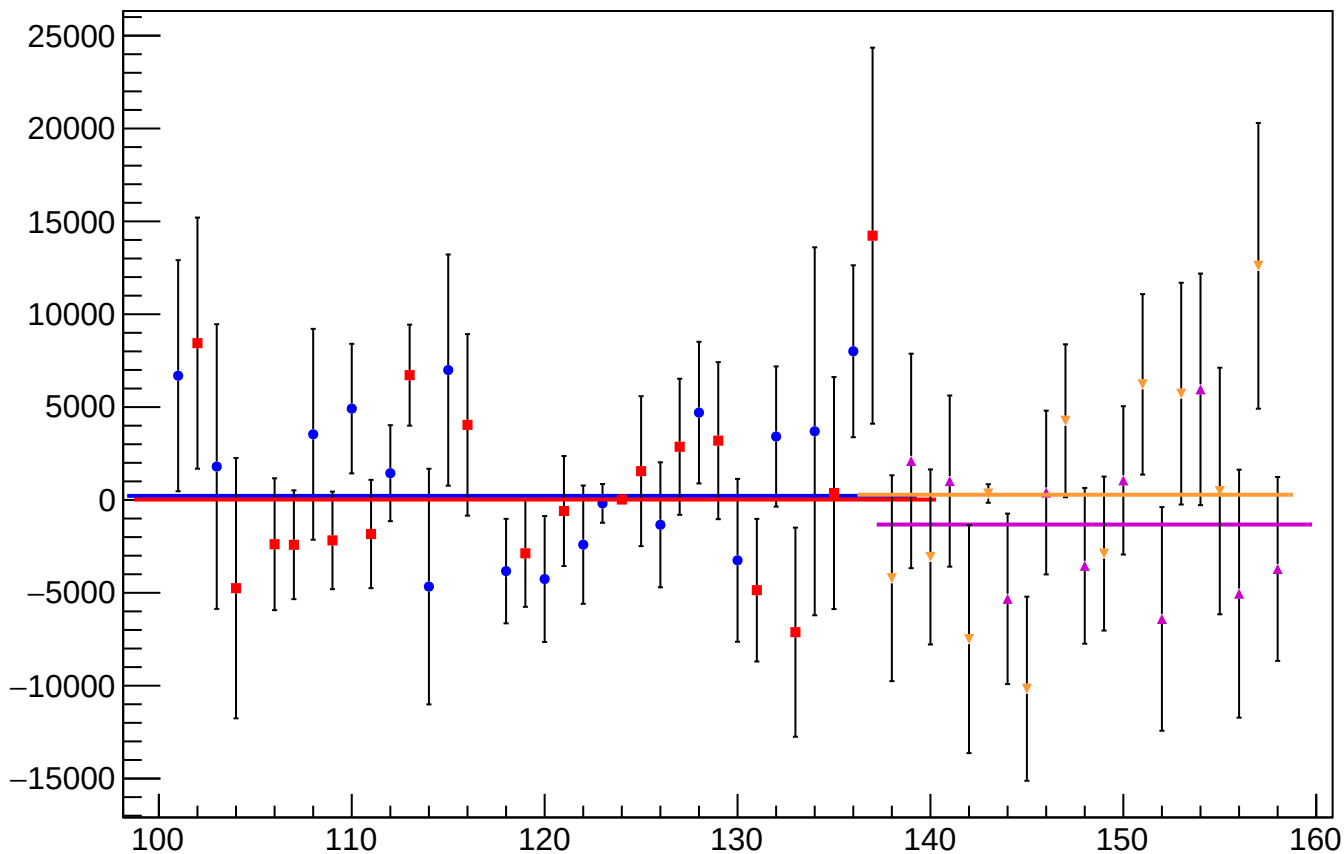
Right: 1714.259+/-0.333 χ^2/NDF : 611728.2/34

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

Out: 1829.316+/-0.338 χ^2/NDF : 919464.6/28

All: 1800.582+/-0.235 χ^2/NDF : 1237789.1/55

asym_atl_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: 282.514+/-477.628 χ^2/NDF : 13.6/10

Right Out: 21.945+/-114.135 χ^2/NDF : 18.6/17

Left In: -1322.507+/-1557.644 χ^2/NDF : 4.8/9

Left: 144.571+/-456.642 χ^2/NDF : 19.4/20

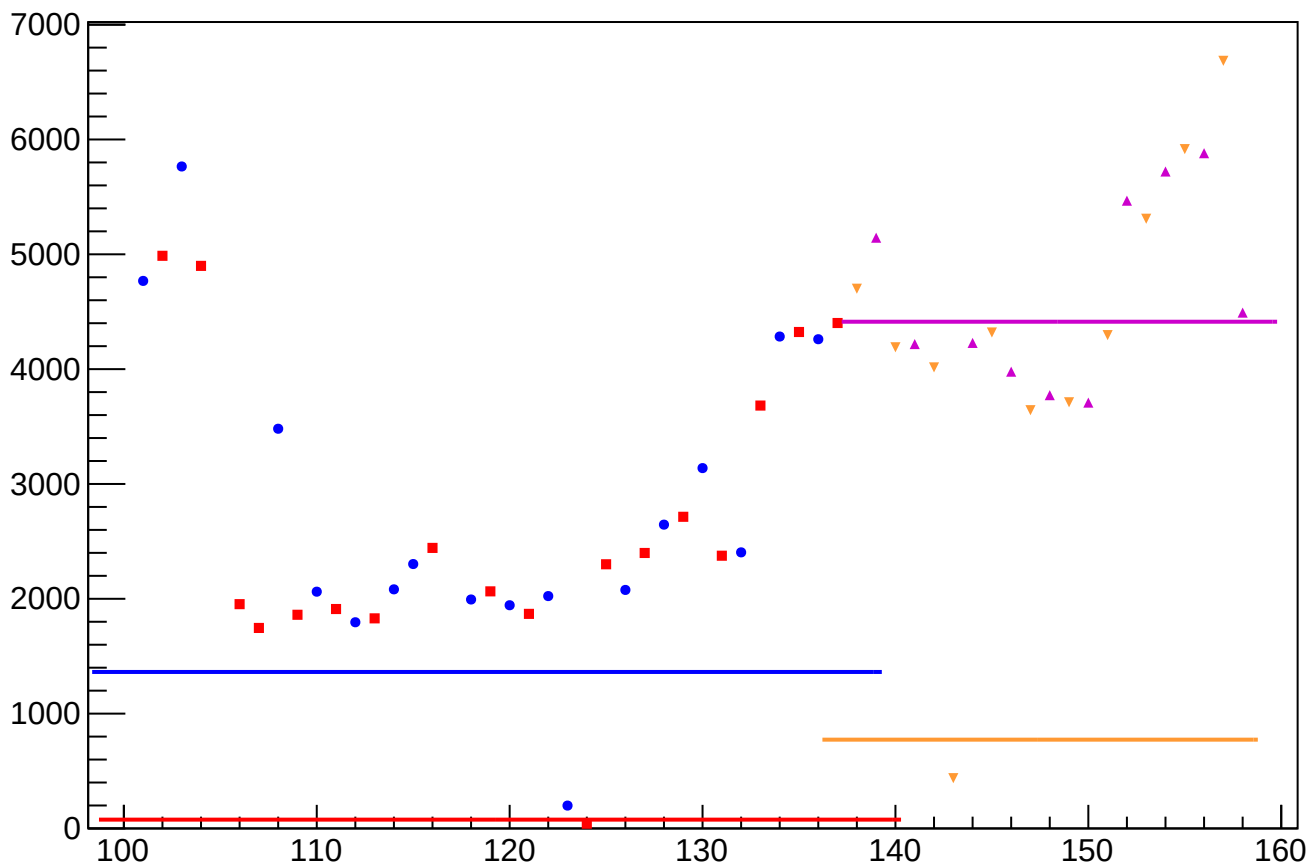
Right: 26.783+/-112.731 χ^2/NDF : 34.5/34

In: -52.282+/-654.241 χ^2/NDF : 21.4/26

Out: 36.020+/-111.010 χ^2/NDF : 32.5/28

All: 33.549+/-109.446 χ^2/NDF : 53.9/55

asym_atl_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 773.299 $\pm$ 0.338 χ^2 /NDF: 11102713.1/10

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: 1086.101 $\pm$ 0.323 χ^2 /NDF: 21497367.0/20

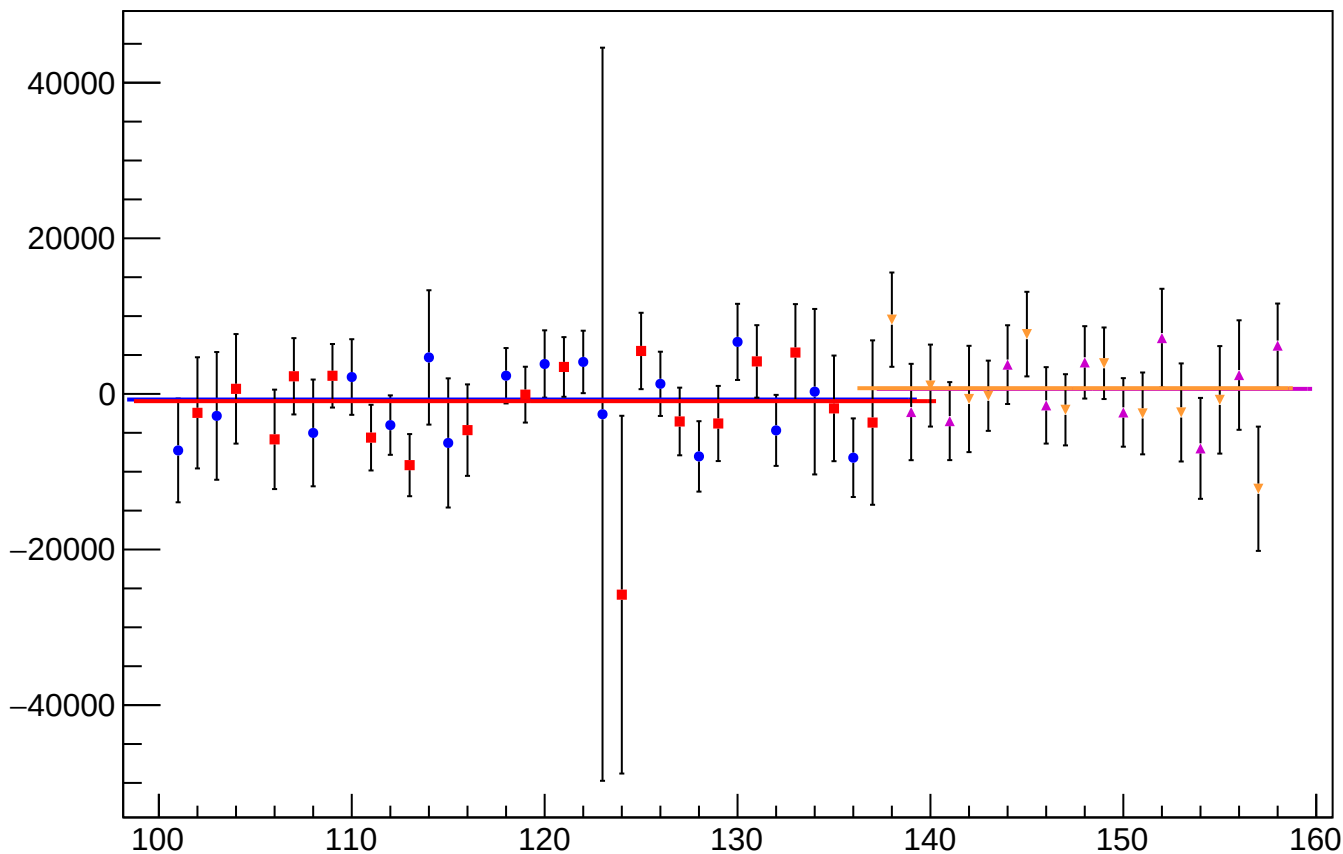
Right: 108.278 $\pm$ 0.080 χ^2 /NDF: 25558892.3/34

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

Out: 114.454 $\pm$ 0.078 χ^2 /NDF: 28239934.9/28

All: 164.448 $\pm$ 0.077 χ^2 /NDF: 55700070.3/55

asym_atl_dd_mean vs Slug, Sign Corrected



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

Left Out: 732.642+/-1665.293 χ^2/NDF : 8.0/10

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: 690.383+/-1188.706 χ^2/NDF : 14.0/20

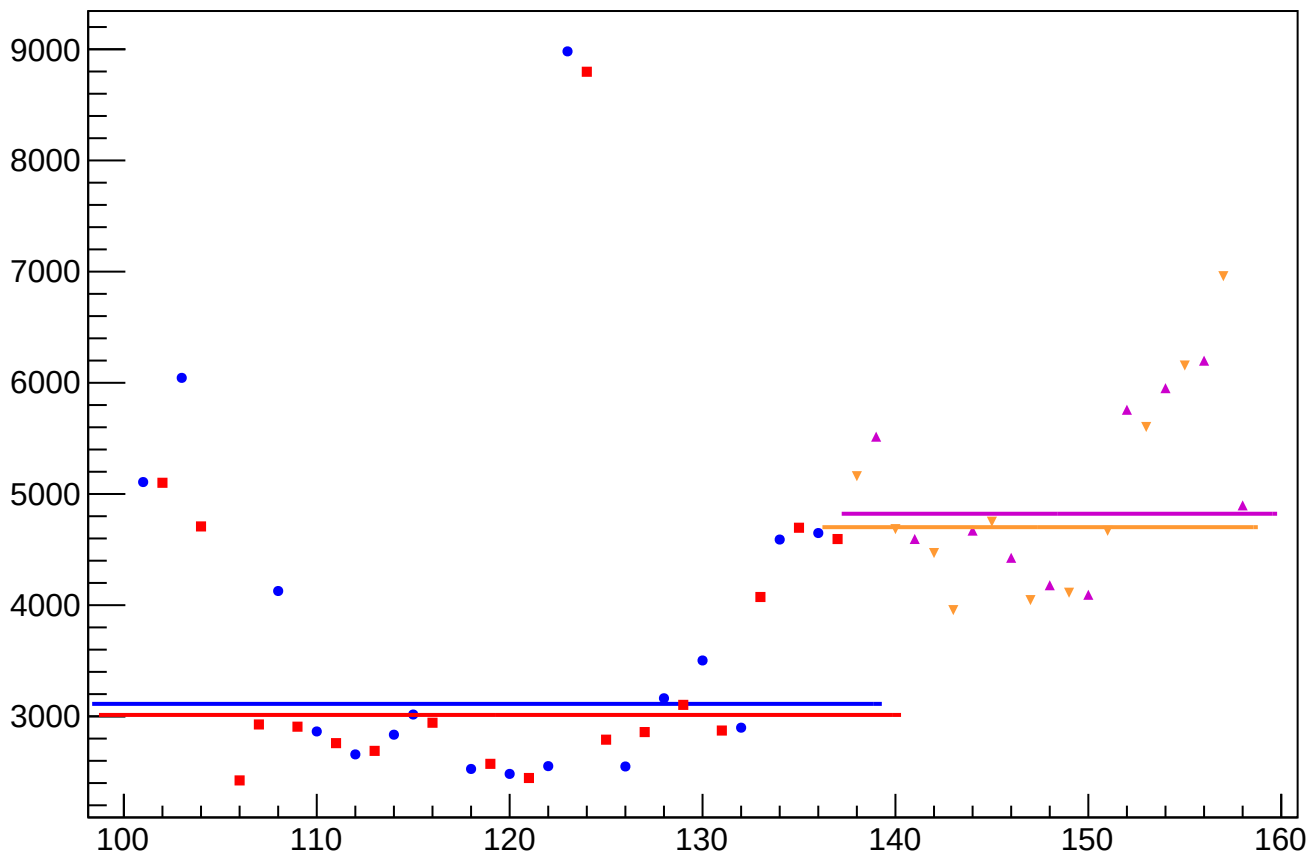
Right: -831.583+/-864.407 χ^2/NDF : 29.7/34

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

Out: -366.326+/-970.601 χ^2/NDF : 23.5/28

All: -305.150+/-699.107 χ^2/NDF : 44.8/55

asym_atl_dd_rms vs Slug, Sign Corrected



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

Left Out: 4701.614+/-1.178 χ^2/NDF : 431873.4/10

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: 4760.811+/-0.841 χ^2/NDF : 755036.1/20

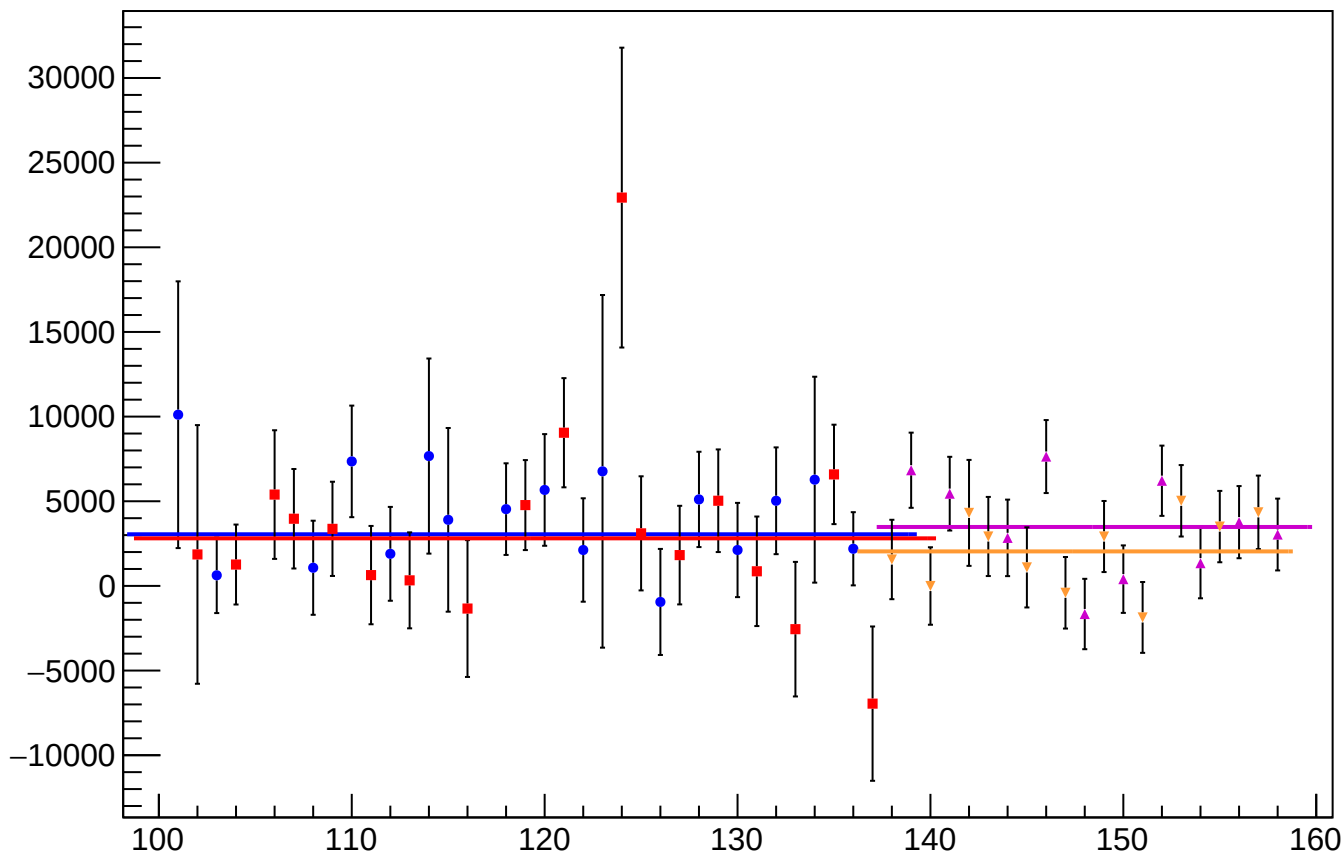
Right: 3059.514+/-0.607 χ^2/NDF : 1739444.6/34

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

Out: 3576.962+/-0.681 χ^2/NDF : 2575938.5/28

All: 3642.873+/-0.492 χ^2/NDF : 5186505.6/55

dit_asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 2038.146+/-677.577 χ^2/NDF :10.3/10

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: 2765.686+/-477.105 χ^2/NDF : 30.8/20

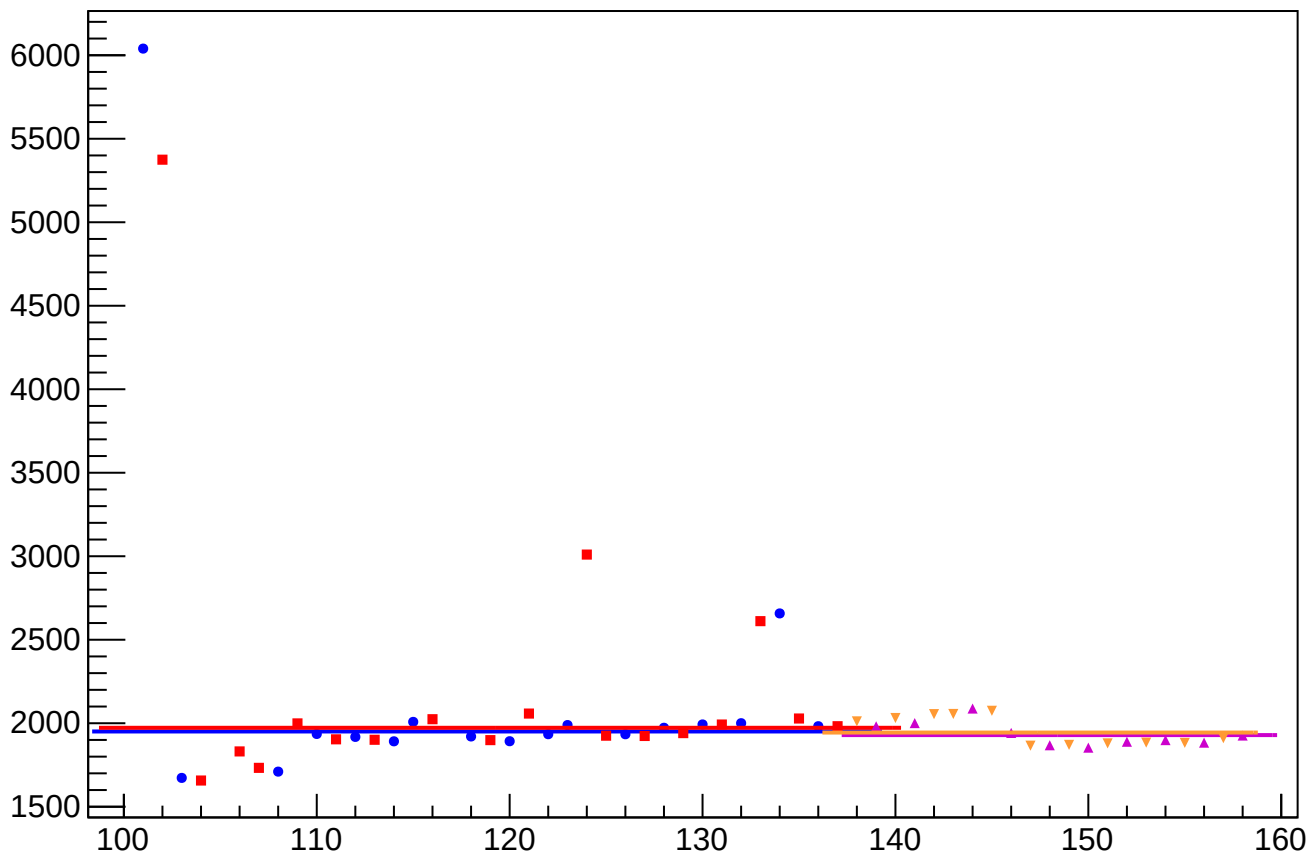
Right: 2928.147+/-543.941 χ^2/NDF : 31.4/34

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

Out: 2376.478+/-507.577 χ^2/NDF :32.9/28

All: 2836.328+/-358.680 χ^2/NDF : 62.2/55

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1950.692 +/- 0.546 χ^2/NDF : 615165.3/16

Left Out: 1944.243 +/- 0.479 χ^2/NDF : 28587.4/10

Right Out: 1972.726 +/- 0.541 χ^2/NDF : 535670.1/17

Left In: 1929.023 +/- 0.475 χ^2/NDF : 19890.6/9

Left: 1936.569 +/- 0.337 χ^2/NDF : 48986.8/20

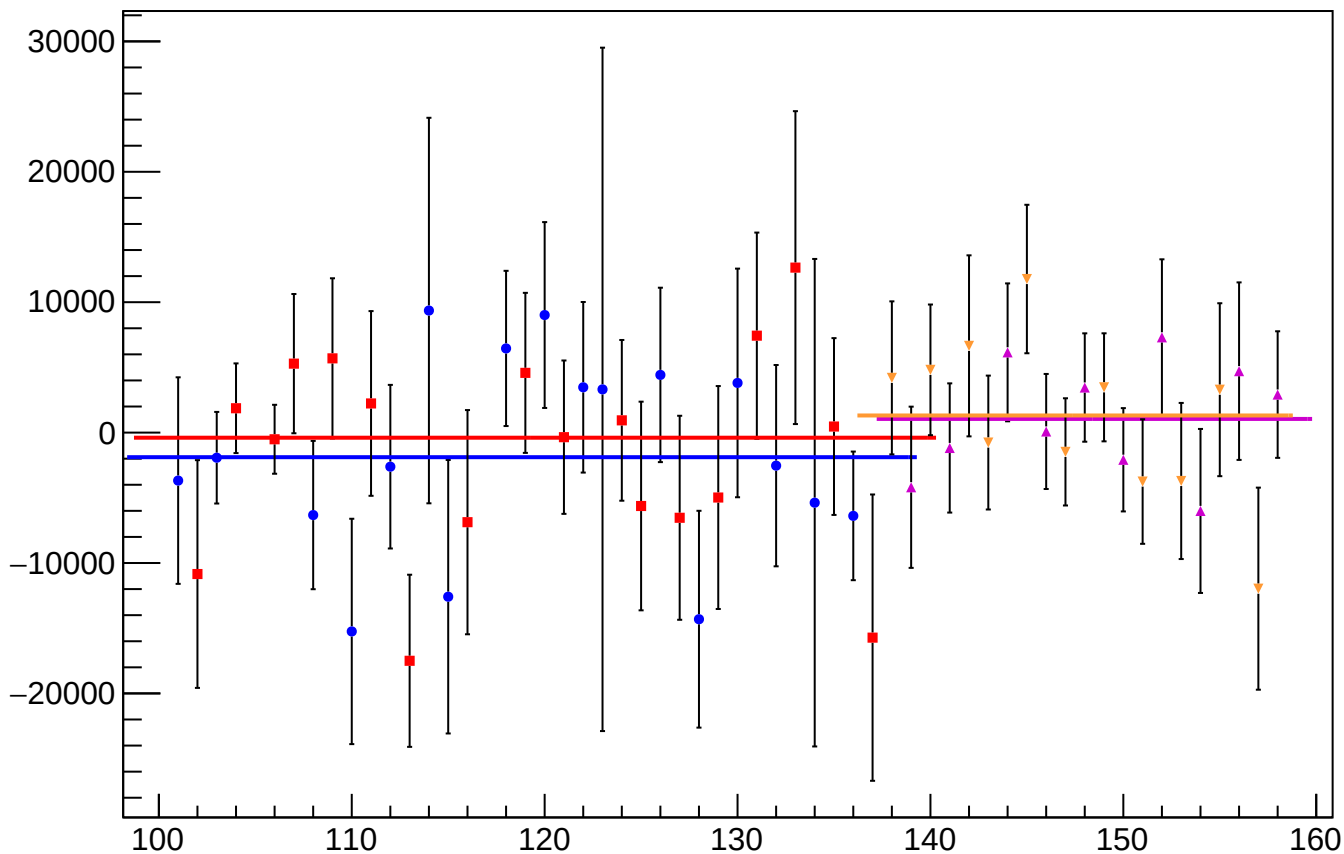
Right: 1961.803 +/- 0.385 χ^2/NDF : 1151656.3/34

In: 1938.358 +/- 0.358 χ^2/NDF : 635952.0/26

Out: 1956.751 +/- 0.359 χ^2/NDF : 565809.5/28

All: 1947.545 +/- 0.254 χ^2/NDF : 1203076.6/55

asym_atr_avg_correction_mean vs Slug, Sign Corrected



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

Left Out: 1313.165 $\pm$ 1607.308 χ^2 /NDF:10.5/10

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: 1179.556 $\pm$ 1132.225 χ^2 /NDF: 16.1/20

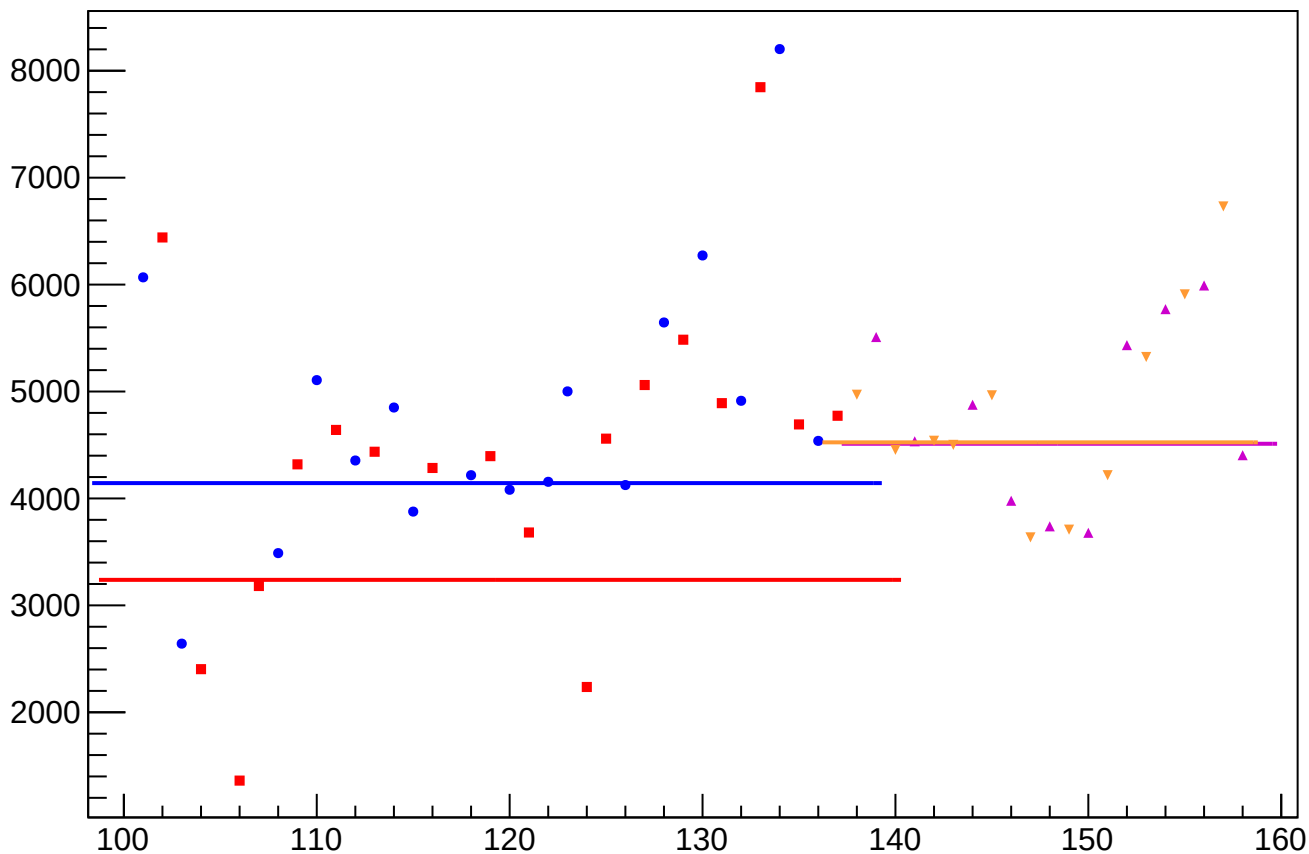
Right: -993.190 $\pm$ 1052.280 χ^2 /NDF: 32.2/34

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

Out: 320.793 $\pm$ 1038.964 χ^2 /NDF:28.7/28

All: 13.775 $\pm$ 770.789 χ^2 /NDF: 50.3/55

asym_atr_avg_correction_rms vs Slug, Sign Corrected



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

Left Out: 4524.578 $\pm$ 1.137 χ^2 /NDF: 488285.9/10

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

Left In: 4511.332 $\pm$ 1.128 χ^2 /NDF: 471654.2/9

Left: 4517.905 $\pm$ 0.801 χ^2 /NDF: 960008.5/20

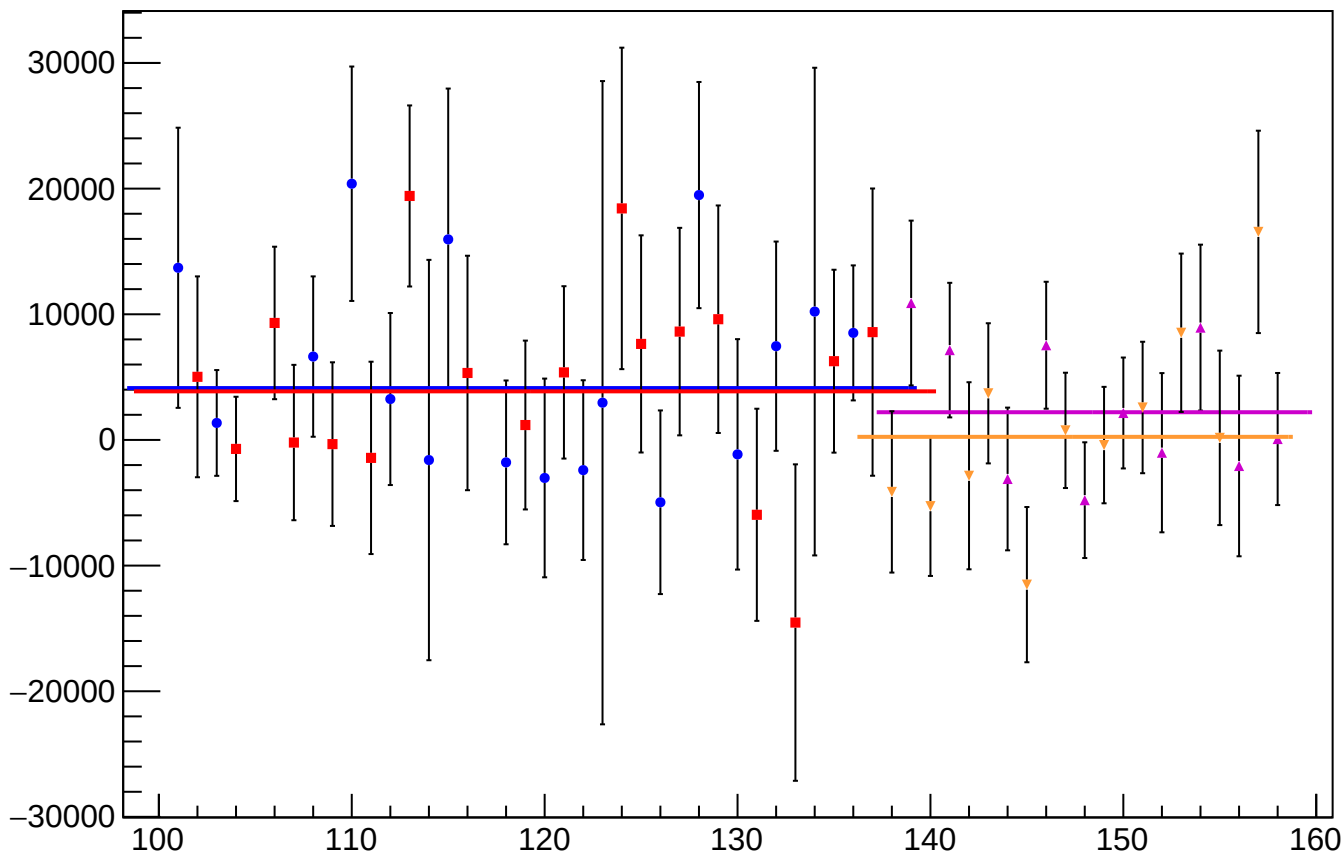
Right: 3603.092 $\pm$ 0.744 χ^2 /NDF: 3793704.0/34

In: 4334.504 $\pm$ 0.813 χ^2 /NDF: 1378752.3/26

Out: 3775.919 $\pm$ 0.735 χ^2 /NDF: 3815583.7/28

All: 4027.064 $\pm$ 0.545 χ^2 /NDF: 5454258.8/55

asym_atr_avg_mean vs Slug, Sign Corrected



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

Left Out: 245.761 $\pm$ 1753.952 χ^2 /NDF: 11.7/10

Right Out: 3866.479 $\pm$ 1727.484 χ^2 /NDF: 14.3/17

Left In: 2204.948 $\pm$ 1740.053 χ^2 /NDF: 8.7/9

Left: 1233.148 $\pm$ 1235.288 χ^2 /NDF: 21.1/20

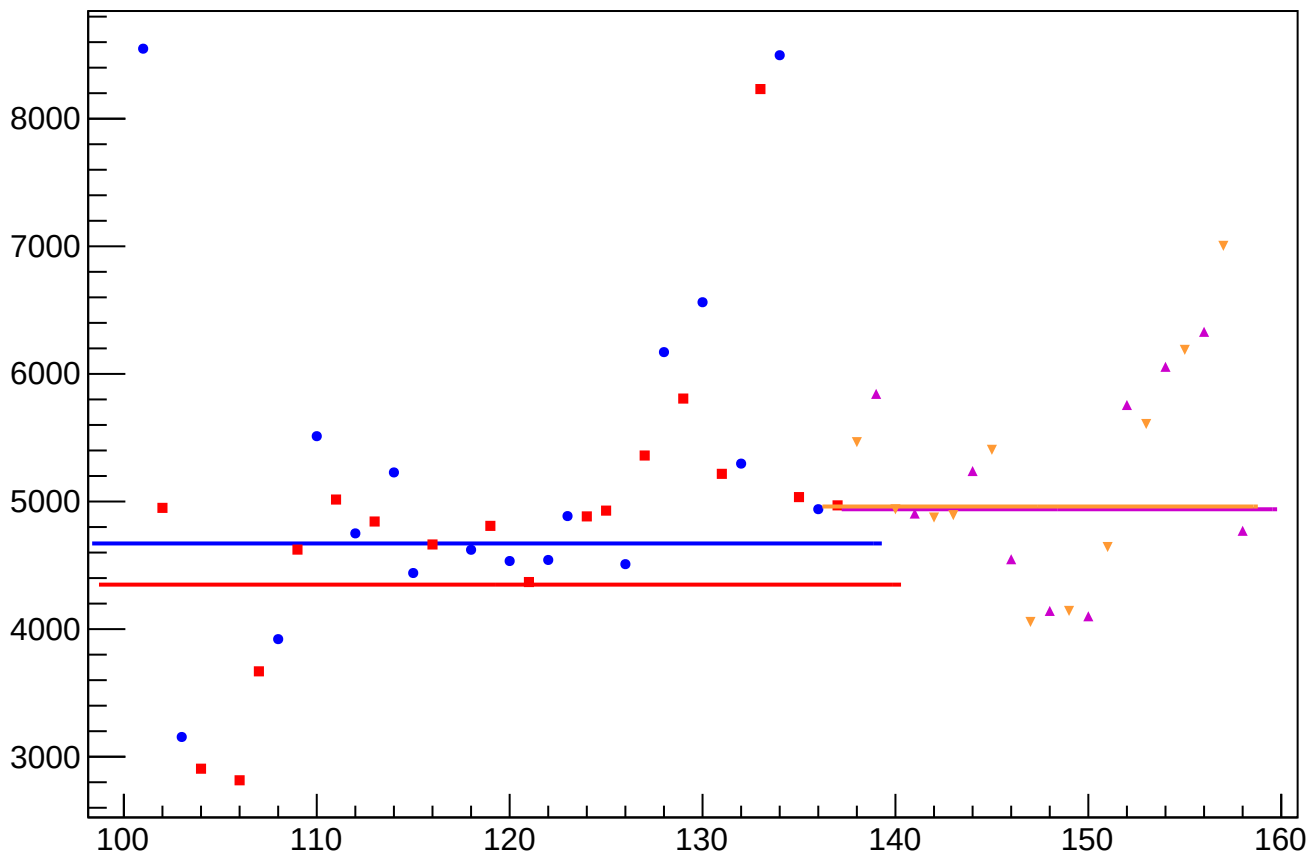
Right: 3986.746 $\pm$ 1266.737 χ^2 /NDF: 27.9/34

In: 3100.261 $\pm$ 1271.668 χ^2 /NDF: 23.0/26

Out: 2083.645 $\pm$ 1230.767 χ^2 /NDF: 28.1/28

All: 2575.341 $\pm$ 884.390 χ^2 /NDF: 51.4/55

asym_atr_avg_rms vs Slug, Sign Corrected



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

Left Out: 4960.897+/-1.240 χ^2/NDF : 383051.6/10

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: 4950.009+/-0.873 χ^2/NDF : 738421.6/20

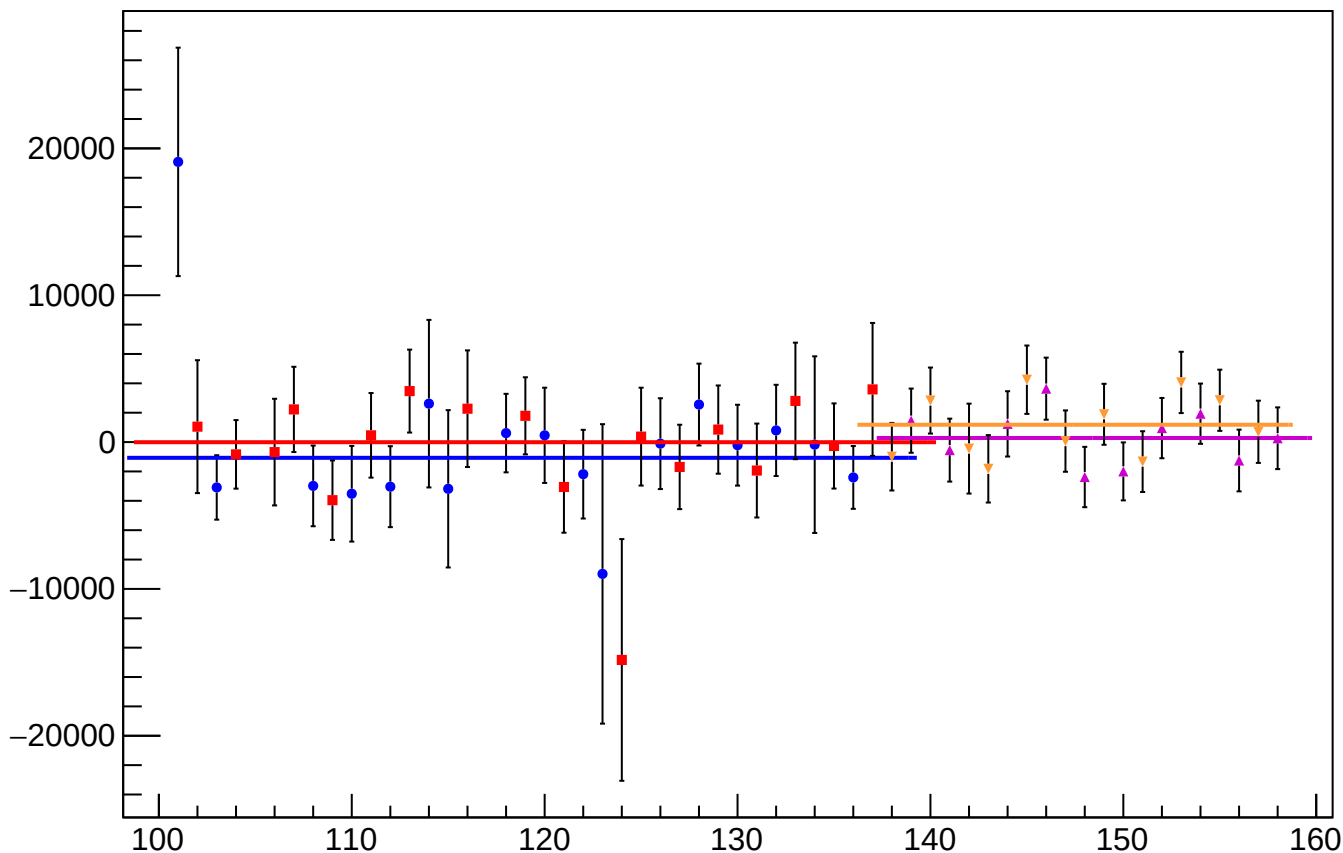
Right: 4496.923+/-0.893 χ^2/NDF : 1610954.9/34

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

Out: 4648.376+/-0.868 χ^2/NDF : 1299857.7/28

All: 4728.451+/-0.624 χ^2/NDF : 2480947.7/55

dit_asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 1180.017 ± 667.388 χ^2/NDF : 9.6/10

Right Out: -8.910 ± 748.092 χ^2/NDF : 11.4/17

Left In: 278.973 ± 663.026 χ^2/NDF : 7.4/9

Left: 726.541 ± 470.365 χ^2/NDF : 18.0/20

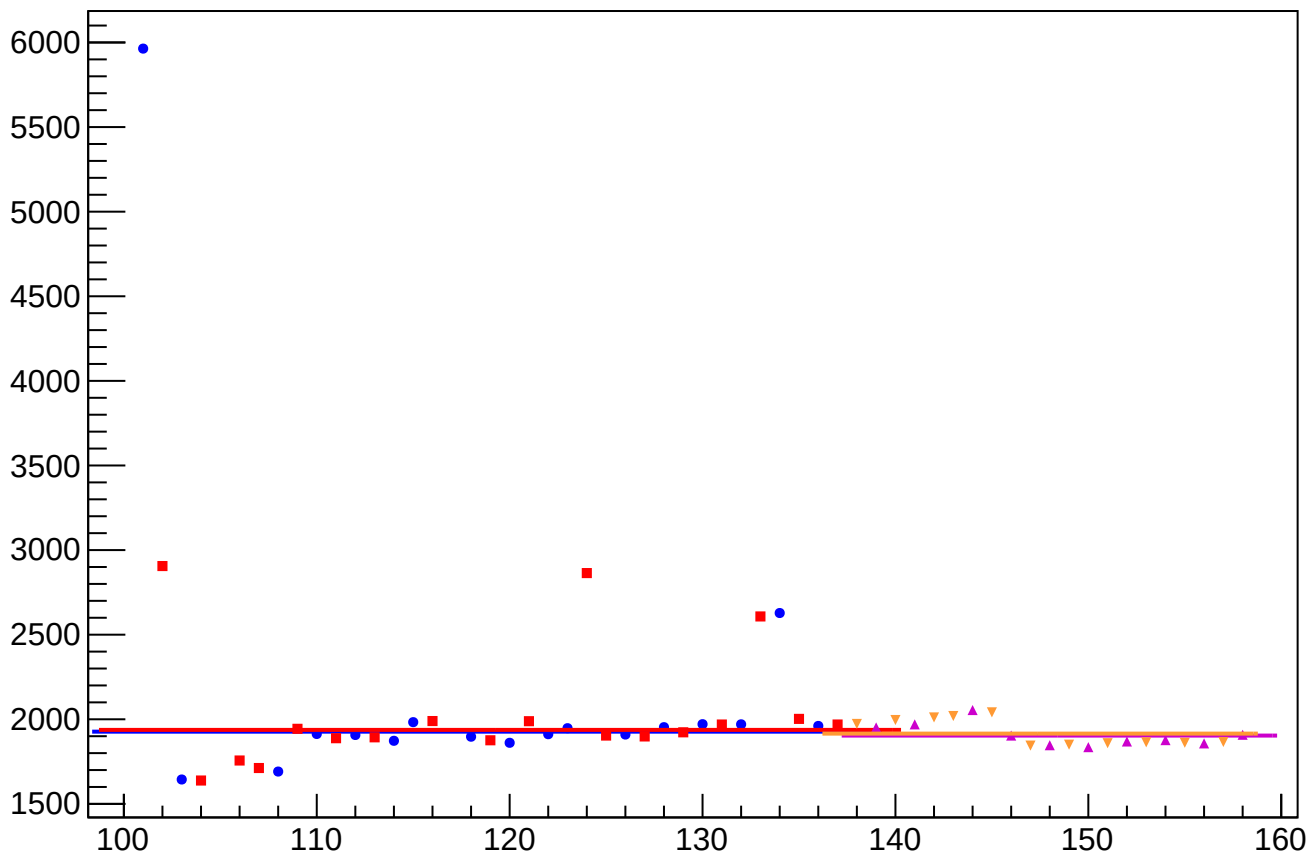
Right: -529.623 ± 534.164 χ^2/NDF : 26.1/34

In: -301.969 ± 500.462 χ^2/NDF : 22.9/26

Out: 653.121 ± 498.012 χ^2/NDF : 22.5/28

All: 177.919 ± 353.010 χ^2/NDF : 47.2/55

dit_asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 1915.303+/-0.472 χ^2/NDF : 25102.9/10

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

Left In: 1903.713+/-0.469 χ^2/NDF : 17929.0/9

Left: 1909.470+/-0.333 χ^2/NDF : 43335.6/20

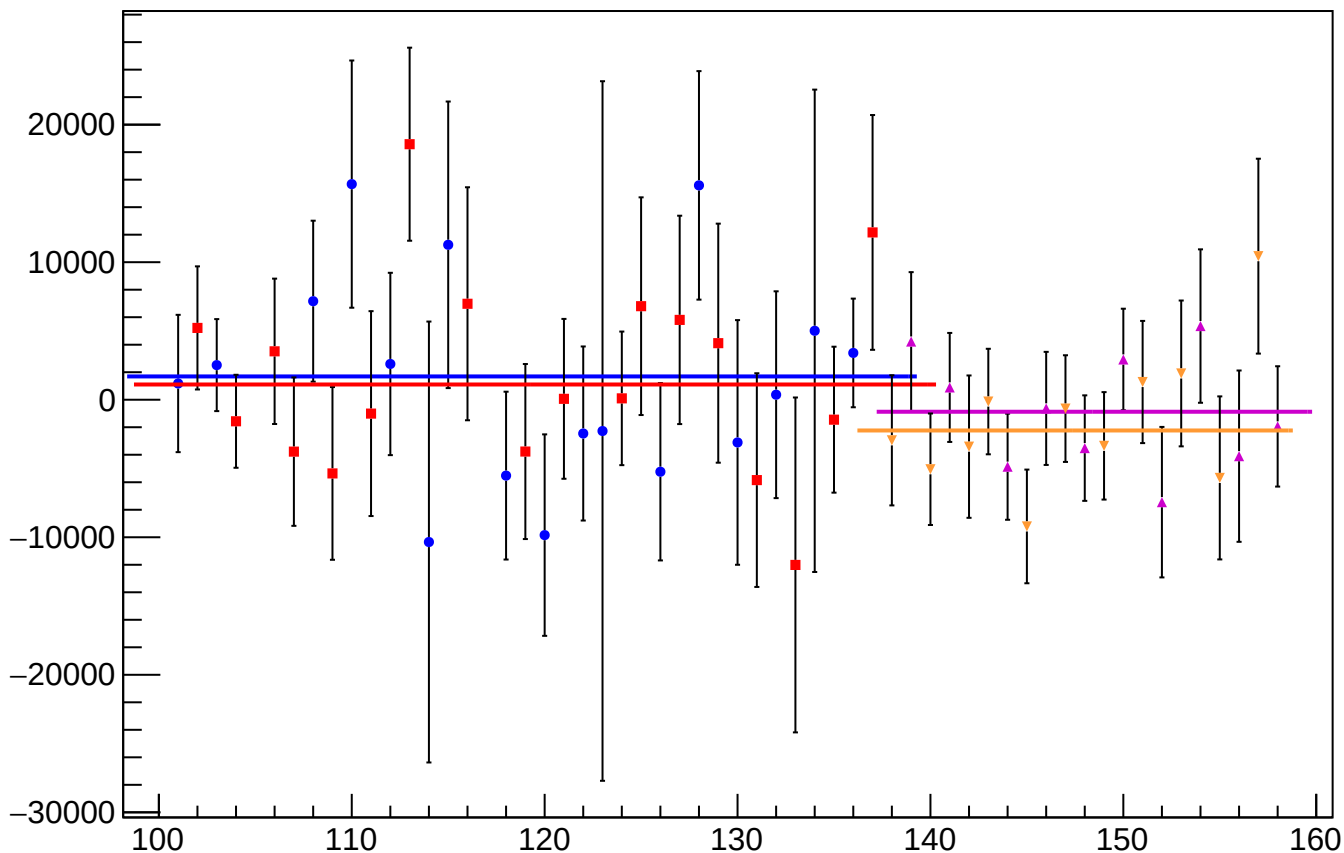
Right: 1932.191+/-0.378 χ^2/NDF : 846384.9/34

In: 1913.685+/-0.354 χ^2/NDF : 636096.8/26

Out: 1925.051+/-0.352 χ^2/NDF : 255144.3/28

All: 1919.398+/-0.250 χ^2/NDF : 891759.6/55

asym_atr_dd_correction_mean vs Slug, Sign Corrected



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

Left Out: -2235.595+/-1365.866 χ^2/NDF : 8.7/10

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

Left In: -873.973+/-1394.586 χ^2/NDF : 6.9/9

Left: -1568.949+/-975.809 χ^2/NDF : 16.1/20

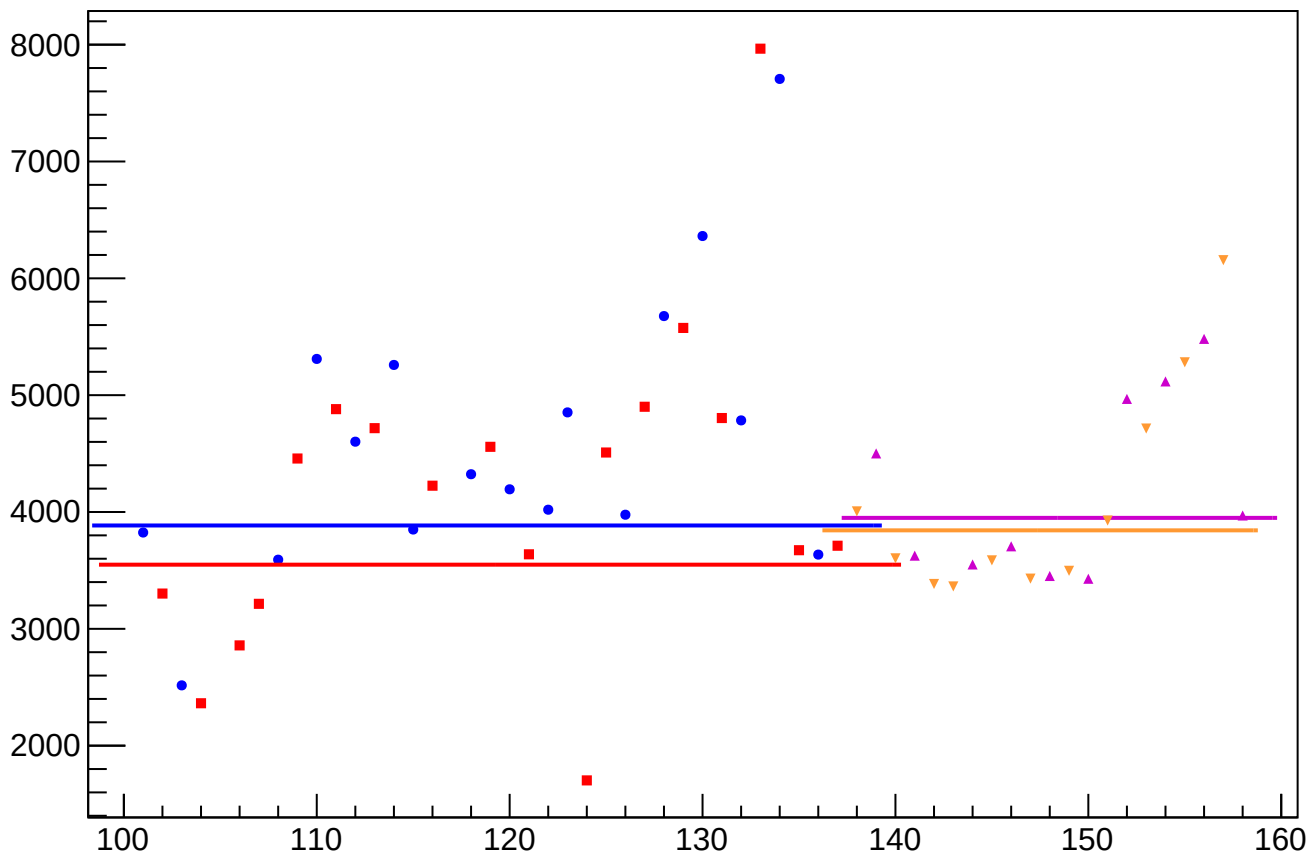
Right: 1373.479+/-1044.694 χ^2/NDF : 29.6/34

In: 273.249+/-1037.306 χ^2/NDF : 22.0/26

Out: -620.174+/-981.952 χ^2/NDF : 27.5/28

All: -197.935+/-713.111 χ^2/NDF : 49.9/55

asym_atr_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 3842.933 $\pm$ 0.966 χ^2 /NDF: 488121.3/10

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: 3895.198 $\pm$ 0.690 χ^2 /NDF: 911180.3/20

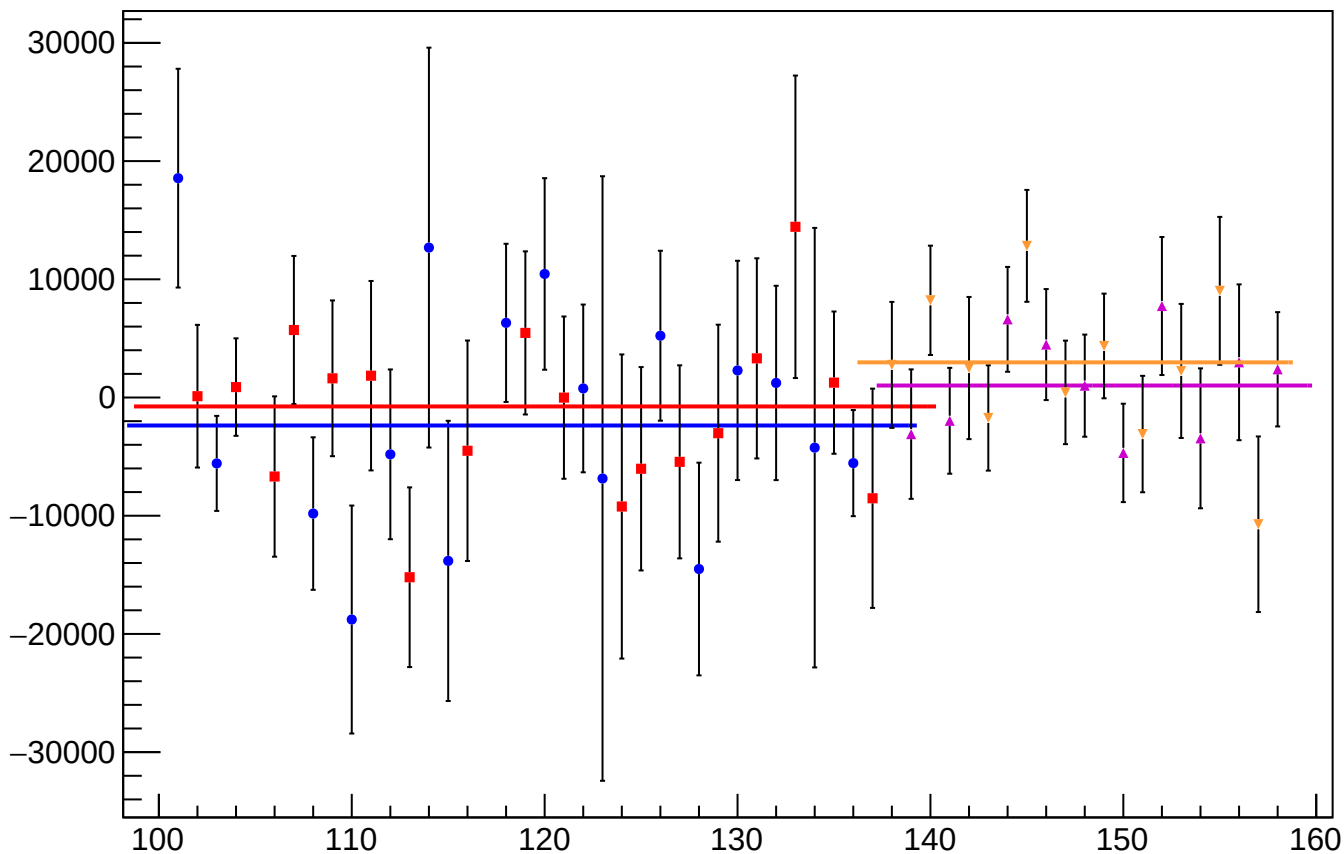
Right: 3701.146 $\pm$ 0.739 χ^2 /NDF: 2204616.7/34

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

Out: 3700.984 $\pm$ 0.694 χ^2 /NDF: 1859778.5/28

All: 3804.780 $\pm$ 0.504 χ^2 /NDF: 3152650.1/55

asym_atr_dd_mean vs Slug, Sign Corrected



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

Left Out: 2973.276 $\pm$ 1536.035 χ^2 /NDF:13.0/10

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: 2004.968 $\pm$ 1092.236 χ^2 /NDF: 20.9/20

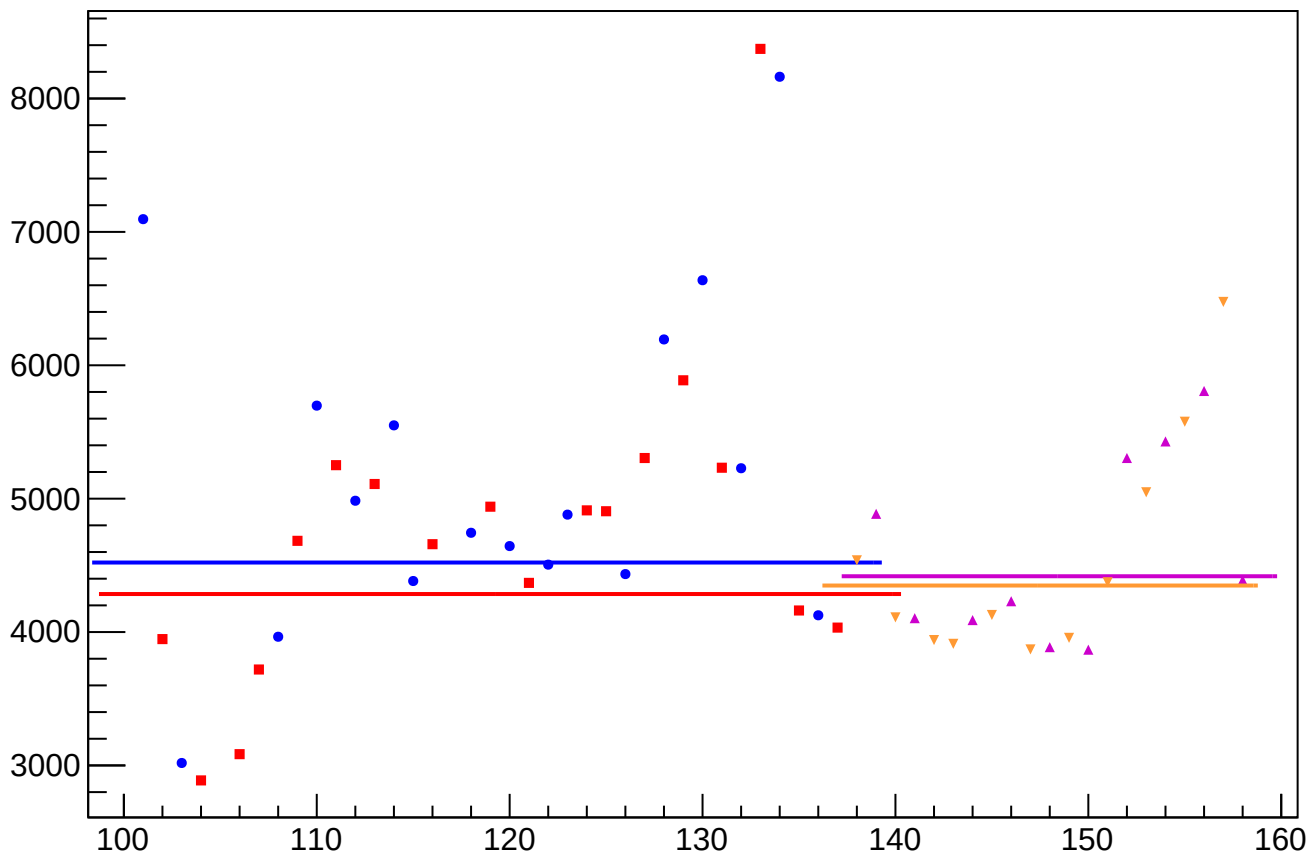
Right: -1511.498 $\pm$ 1233.889 χ^2 /NDF: 31.1/34

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

Out: 1289.714 $\pm$ 1137.626 χ^2 /NDF:26.2/28

All: 460.084 $\pm$ 817.844 χ^2 /NDF: 56.5/55

asym_atr_dd_rms vs Slug, Sign Corrected



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

Left Out: 4348.788 $\pm$ 1.086 χ^2/NDF : 351759.4/10

Right Out: 4285.069 $\pm$ 1.191 χ^2/NDF : 746400.9/17

Left In: 4418.404 $\pm$ 1.098 χ^2/NDF : 297217.7/9

Left: 4383.204 $\pm$ 0.772 χ^2/NDF : 651008.0/20

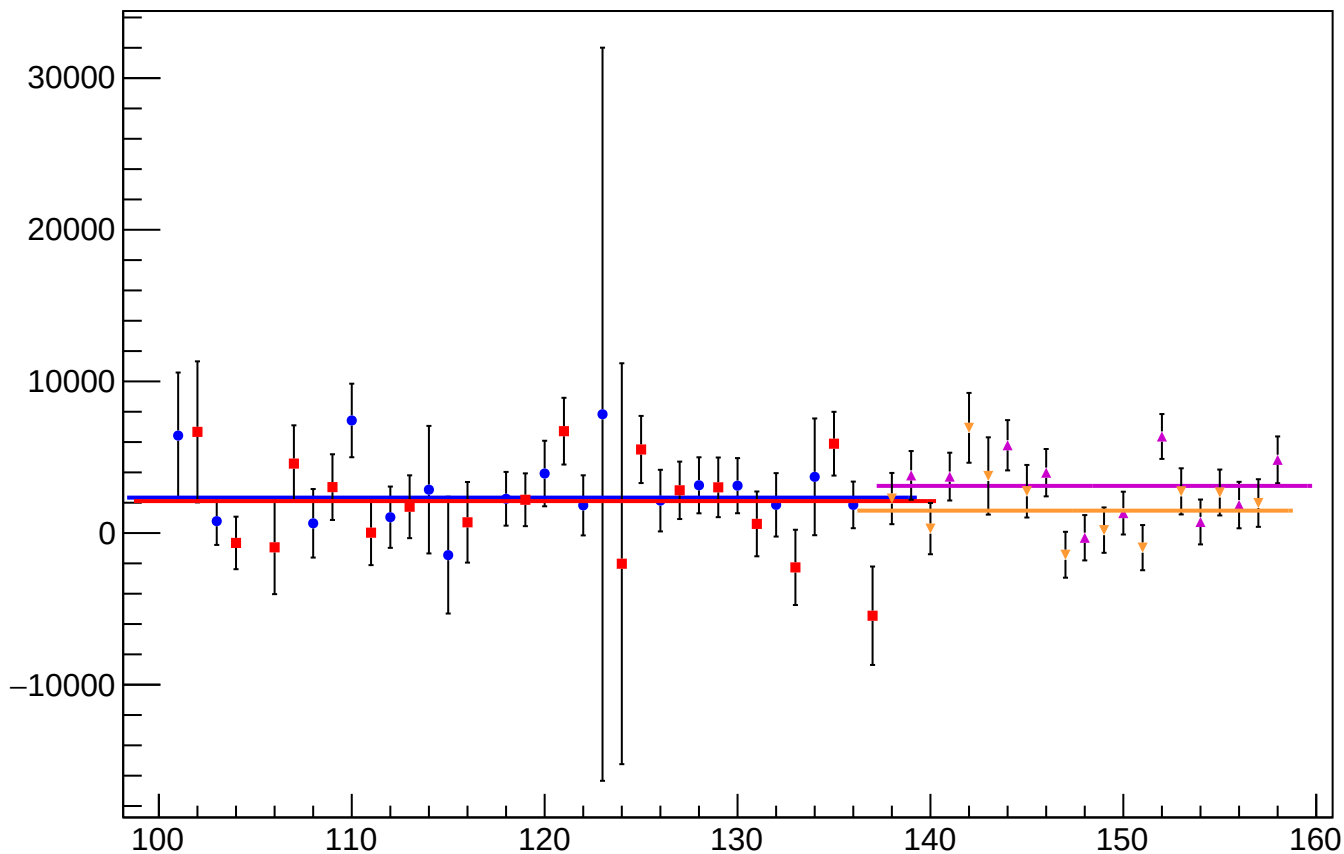
Right: 4395.146 $\pm$ 0.870 χ^2/NDF : 1543416.6/34

In: 4462.242 $\pm$ 0.832 χ^2/NDF : 1079628.7/26

Out: 4319.844 $\pm$ 0.802 χ^2/NDF : 1099723.6/28

All: 4388.468 $\pm$ 0.578 χ^2/NDF : 2194529.9/55

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



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

Left Out: 1478.290 $\pm$ 500.904 χ^2 /NDF:16.2/10

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

Left In: 3110.315 $\pm$ 483.662 χ^2 /NDF:19.5/9

Left: 2322.874 $\pm$ 347.937 χ^2 /NDF: 41.2/20

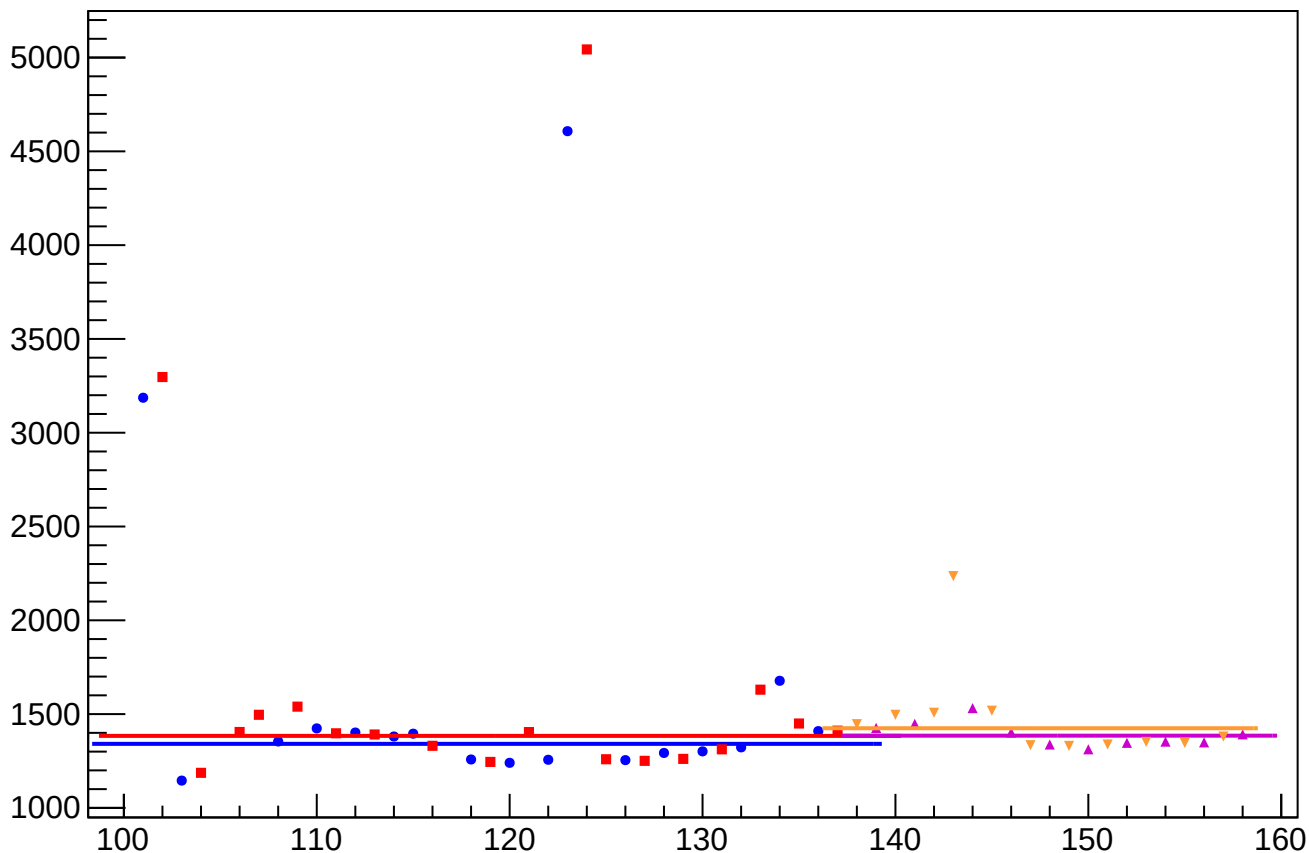
Right: 2223.866 $\pm$ 378.529 χ^2 /NDF: 36.1/34

In: 2759.741 $\pm$ 357.608 χ^2 /NDF:30.3/26

Out: 1769.343 $\pm$ 367.115 χ^2 /NDF:43.3/28

All: 2277.532 $\pm$ 256.162 χ^2 /NDF: 77.3/55

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1341.374 $\pm$ 0.376 χ^2 /NDF: 504272.1/16

Left Out: 1424.597 $\pm$ 0.354 χ^2 /NDF:248173.6/10

Right Out: 1383.916 $\pm$ 0.381 χ^2 /NDF: 593846.2/17

Left In: 1385.072 $\pm$ 0.342 χ^2 /NDF:31166.0/9

Left: 1404.143 $\pm$ 0.246 χ^2 /NDF: 285784.2/20

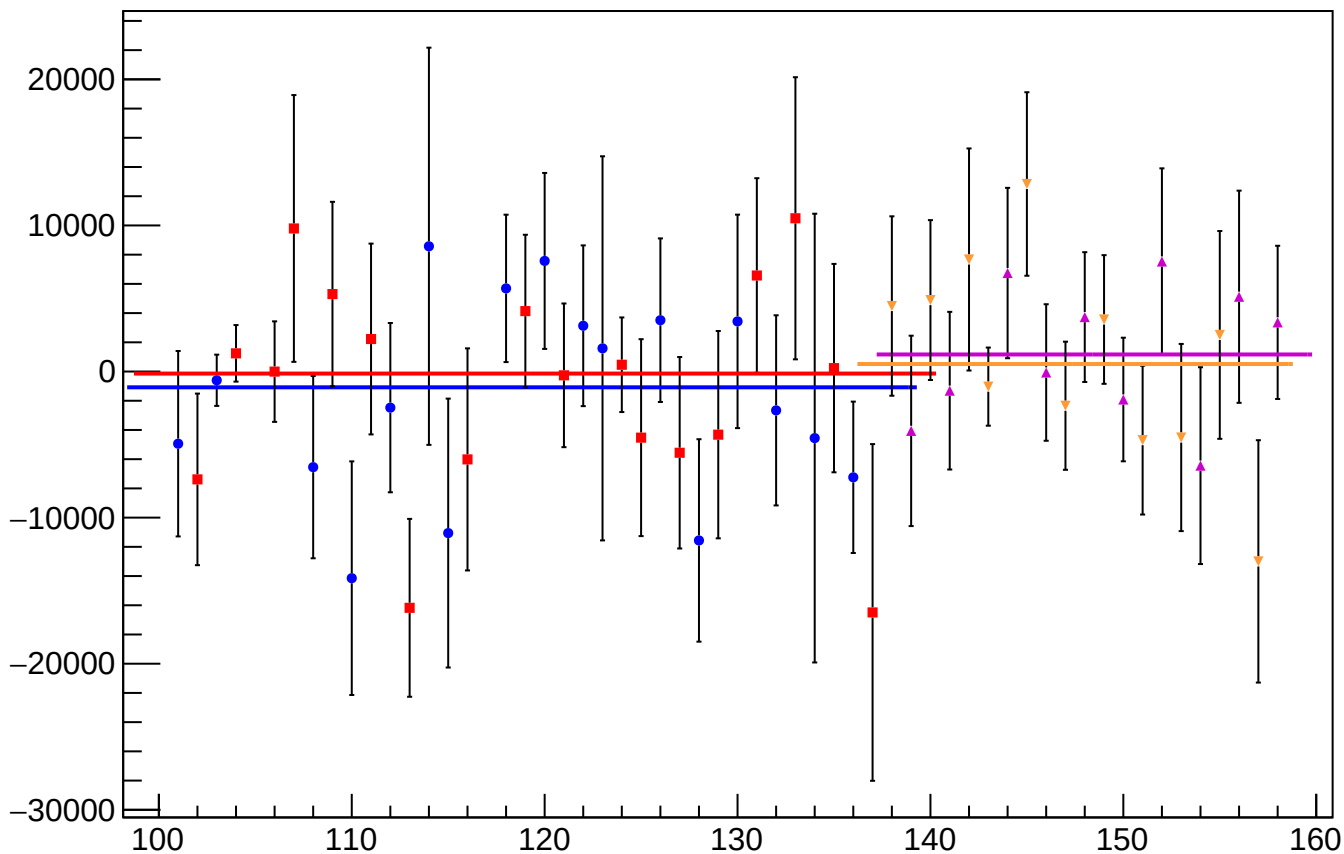
Right: 1362.318 $\pm$ 0.268 χ^2 /NDF: 1104435.3/34

In: 1365.262 $\pm$ 0.253 χ^2 /NDF:542838.7/26

Out: 1405.759 $\pm$ 0.260 χ^2 /NDF:848128.7/28

All: 1384.984 $\pm$ 0.181 χ^2 /NDF: 1403457.6/55

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: 513.732+/-1502.218 χ^2/NDF : 11.4/10

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: 798.569+/-1128.838 χ^2/NDF : 17.0/20

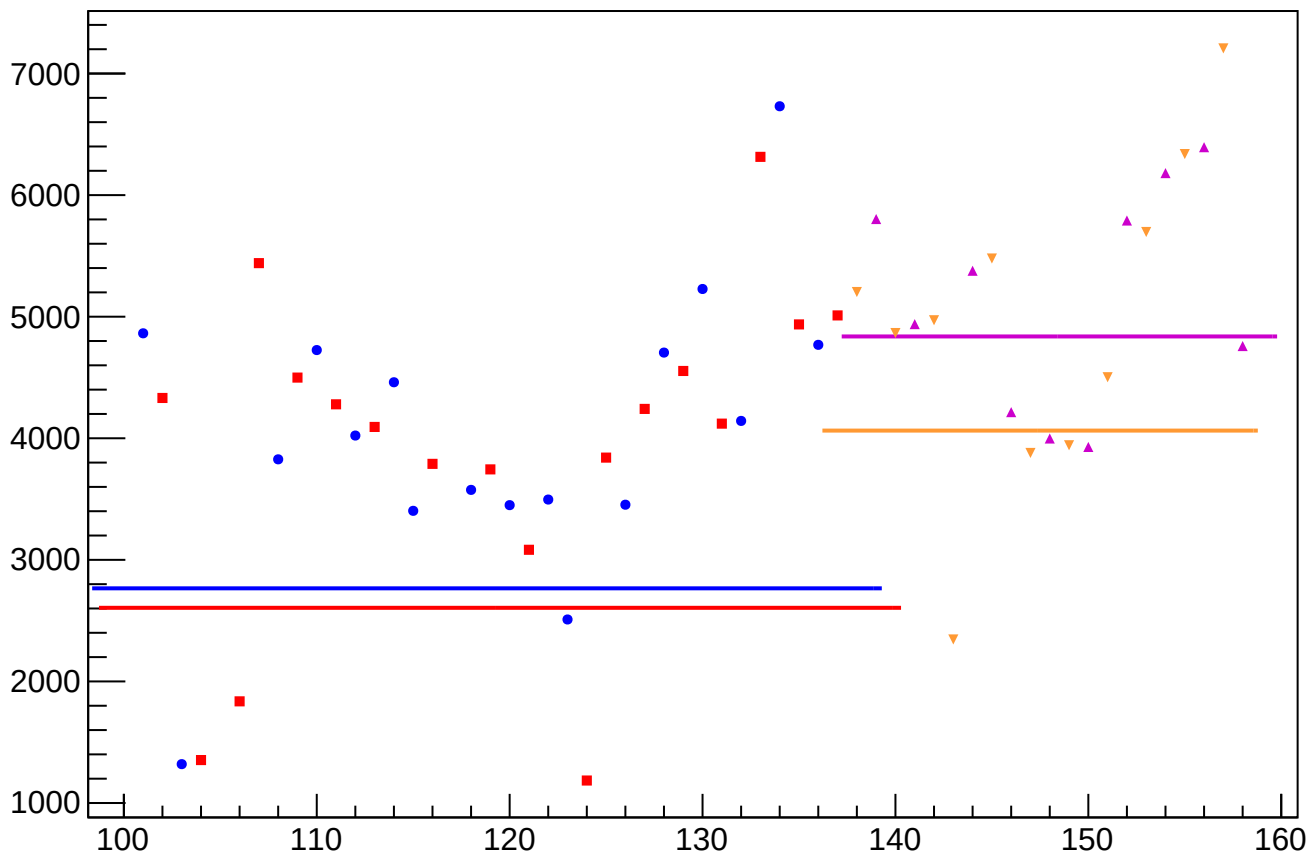
Right: -576.559+/-826.355 χ^2/NDF : 33.3/34

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

Out: 96.796+/-902.688 χ^2/NDF : 29.6/28

All: -96.765+/-666.788 χ^2/NDF : 51.3/55

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: 4063.192+/-1.062 χ^2/NDF : 1708923.8/10

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: 4400.269+/-0.798 χ^2/NDF : 2417914.8/20

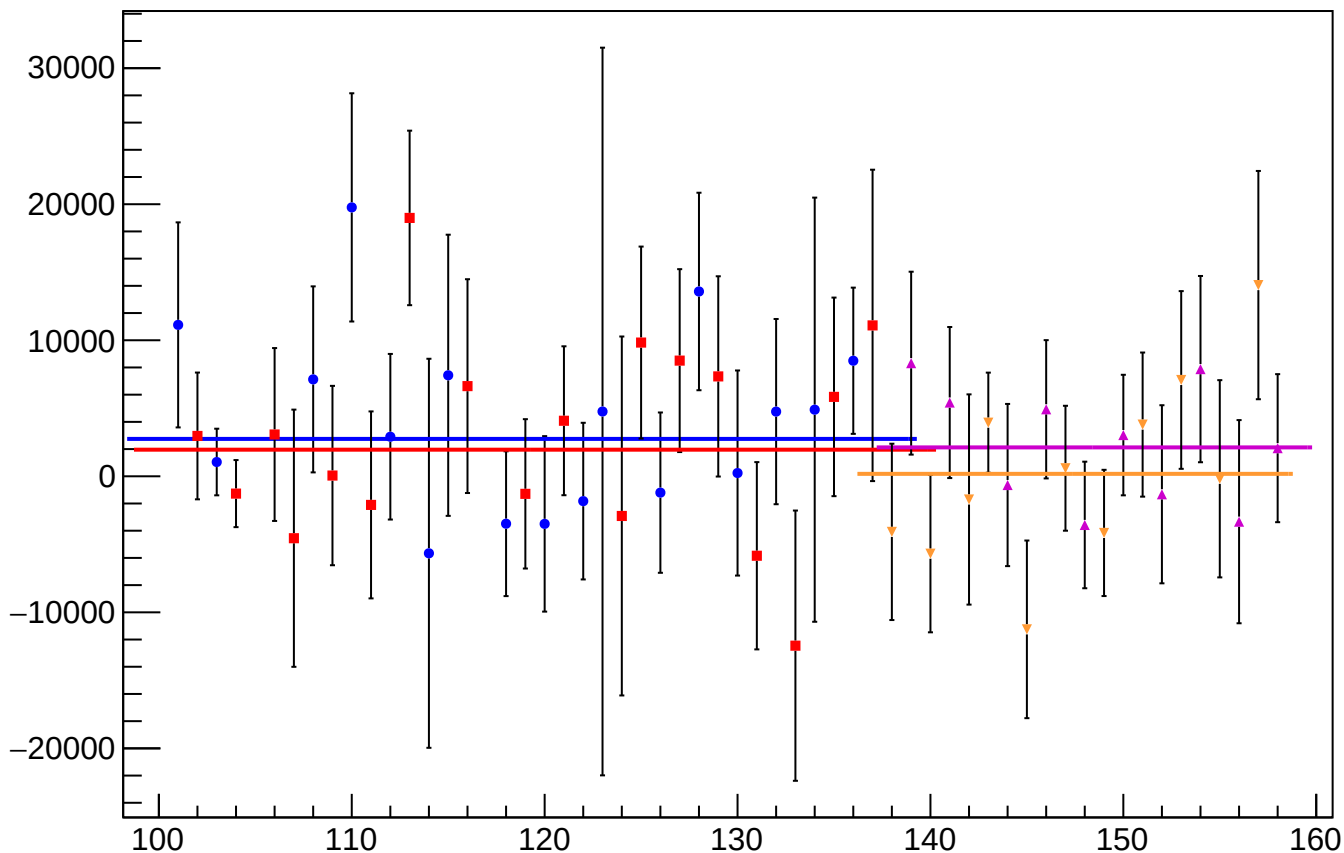
Right: 2679.956+/-0.584 χ^2/NDF : 6280117.2/34

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

Out: 3131.869+/-0.638 χ^2/NDF : 6234414.2/28

All: 3280.188+/-0.471 χ^2/NDF : 11722319.4/5

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: 179.324+/-1680.713 χ^2/NDF : 10.8/10

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: 1094.830+/-1222.644 χ^2/NDF : 16.3/20

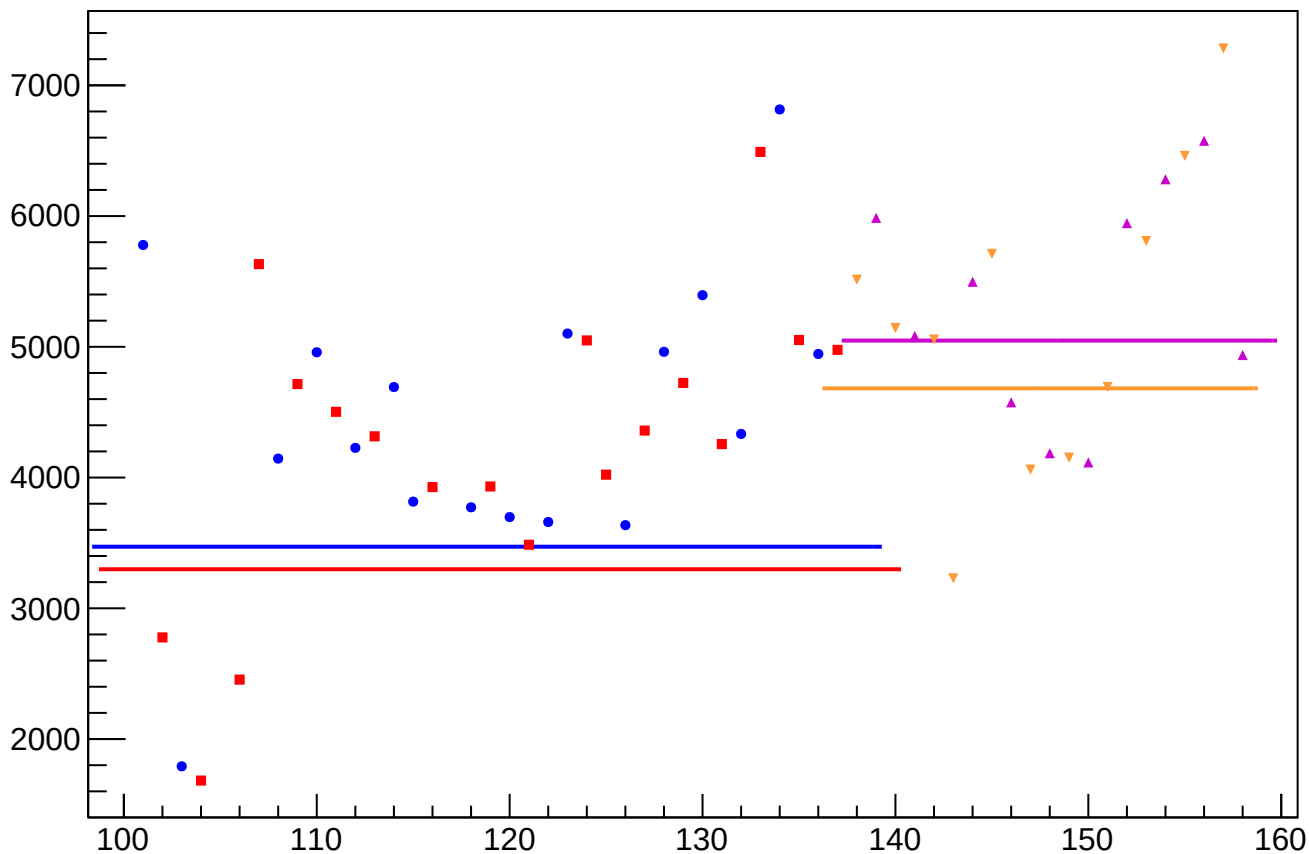
Right: 2334.662+/-1000.160 χ^2/NDF : 31.7/34

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

Out: 1237.843+/-1068.526 χ^2/NDF : 29.3/28

All: 1837.612+/-774.139 χ^2/NDF : 48.6/55

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: 4682.504+/-1.188 χ^2/NDF : 846229.1/10

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: 4854.407+/-0.865 χ^2/NDF : 1302758.4/20

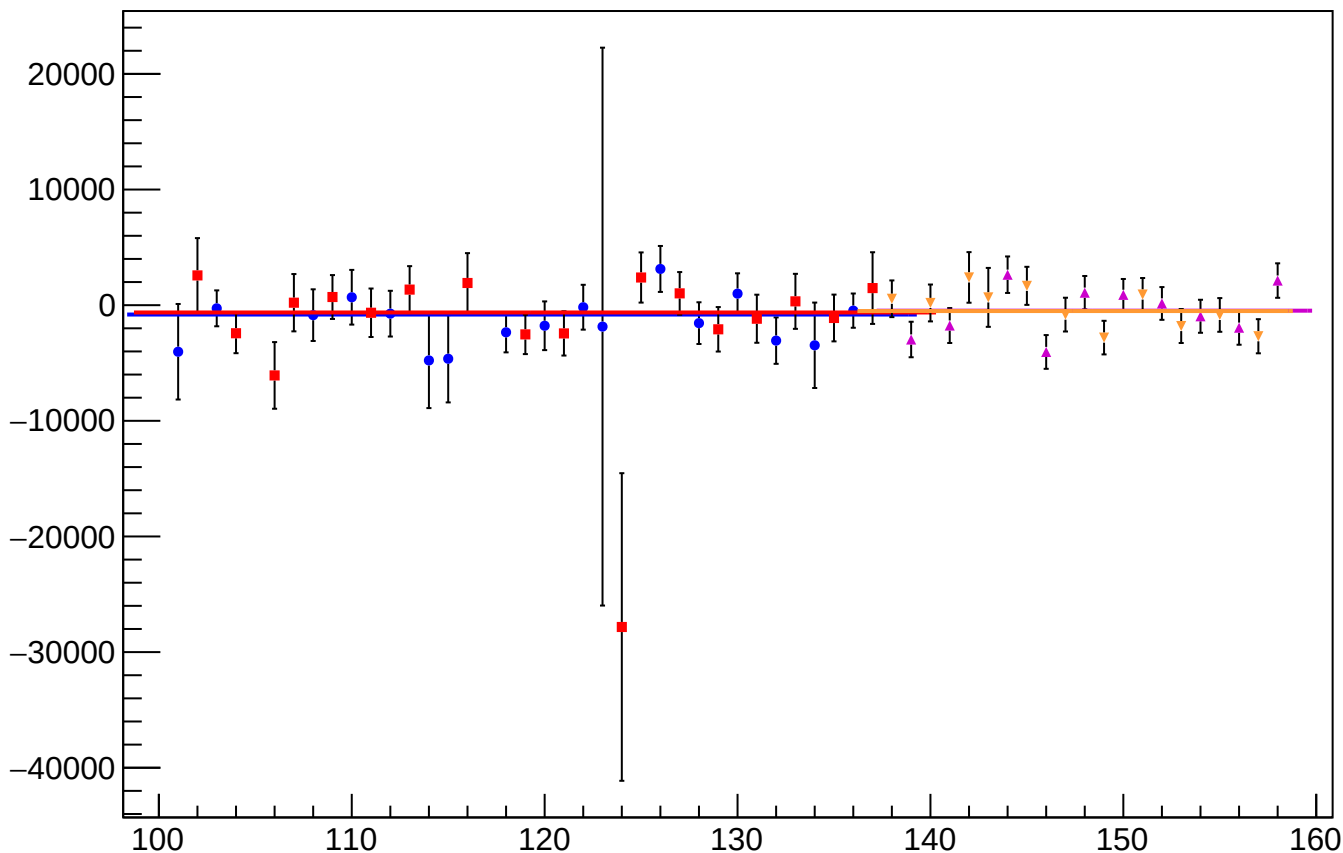
Right: 3380.318+/-0.704 χ^2/NDF : 3668889.8/34

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

Out: 3851.860+/-0.751 χ^2/NDF : 3546104.0/28

All: 3967.856+/-0.546 χ^2/NDF : 6720114.6/55

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: -507.507+/-479.372 χ^2/NDF :10.9/10

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: -490.950+/-333.378 χ^2/NDF : 30.7/20

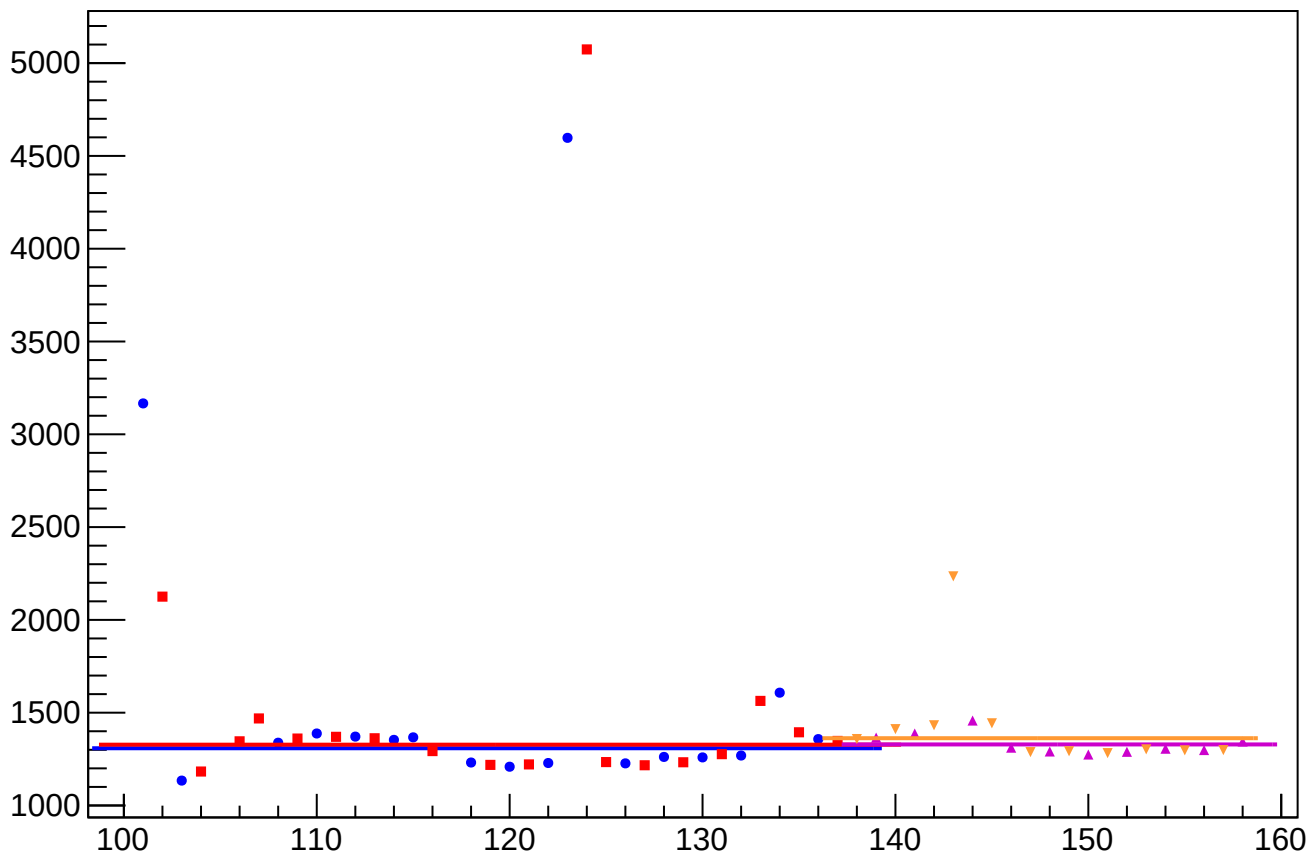
Right: -719.271+/-365.258 χ^2/NDF : 29.8/34

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

Out: -564.681+/-350.865 χ^2/NDF :29.5/28

All: -594.714+/-246.235 χ^2/NDF : 60.7/55

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



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

Left Out: 1362.504 $\pm$ 0.339 χ^2 /NDF: 270463.3/10

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

Left In: 1328.943 $\pm$ 0.328 χ^2 /NDF: 25455.9/9

Left: 1345.175 $\pm$ 0.236 χ^2 /NDF: 300981.0/20

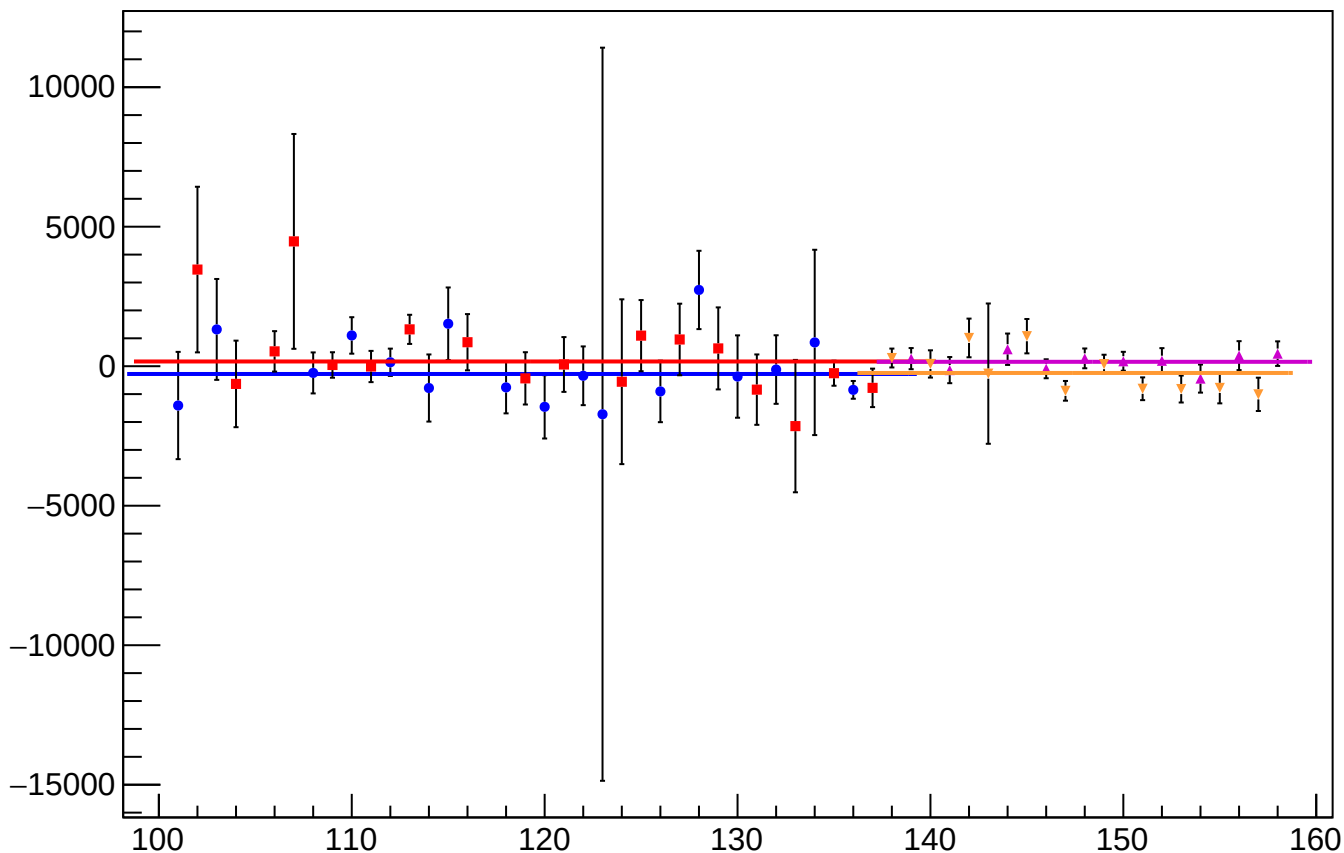
Right: 1318.067 $\pm$ 0.258 χ^2 /NDF: 865268.7/34

In: 1319.788 $\pm$ 0.244 χ^2 /NDF: 533751.4/26

Out: 1346.320 $\pm$ 0.248 χ^2 /NDF: 632703.7/28

All: 1332.855 $\pm$ 0.174 χ^2 /NDF: 1172259.1/55

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: -242.058+/-140.044 χ^2/NDF : 20.9/10

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: -29.877+/-95.916 χ^2/NDF : 29.1/20

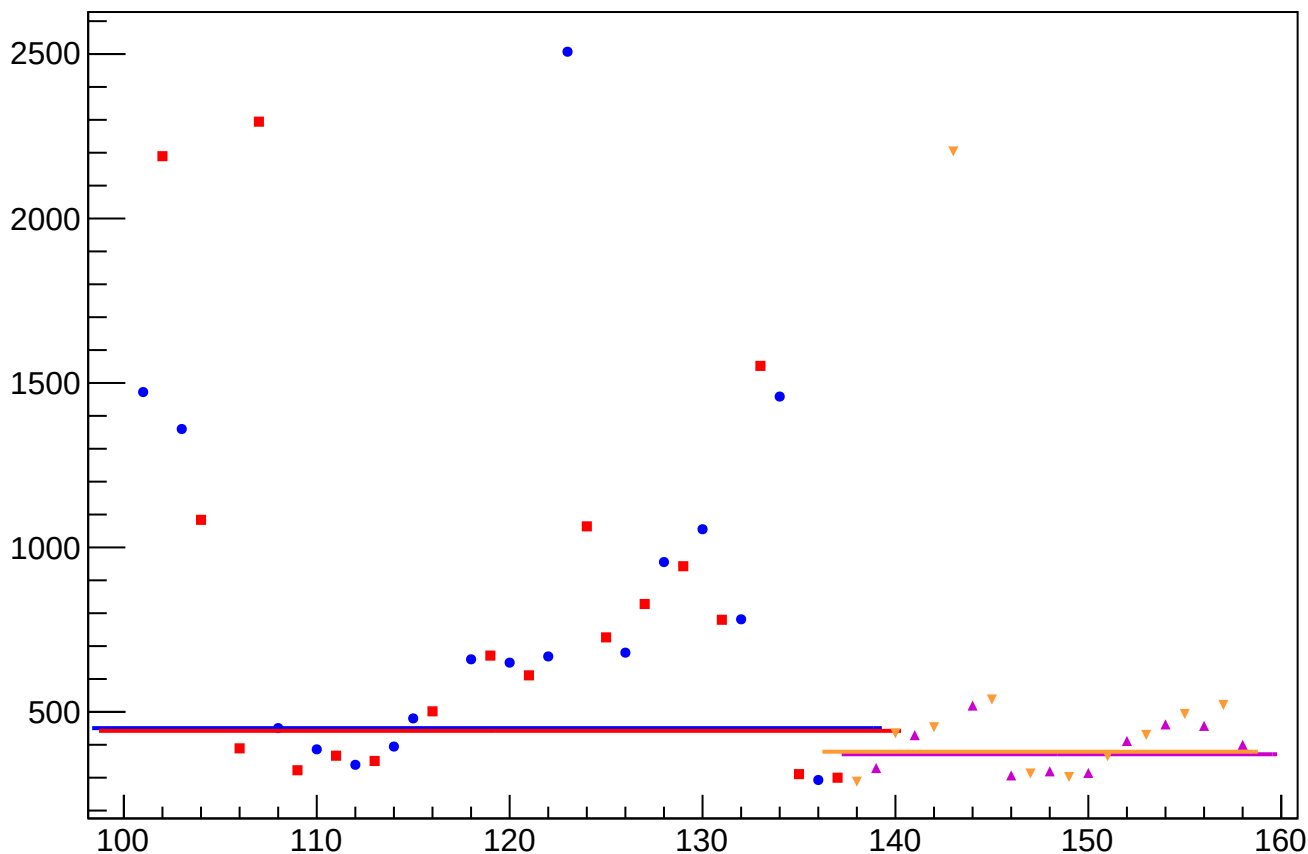
Right: -48.085+/-138.058 χ^2/NDF : 35.0/34

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

Out: -99.573+/-113.244 χ^2/NDF : 38.3/28

All: -35.804+/-78.771 χ^2/NDF : 64.1/55

asym_atl_avg_atr_avg_dd_correction_rms vs Slug, Sign Corrected



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

Left Out: 378.916+/-0.099 χ^2/NDF : 1779665.9/10

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

Left In: 371.163+/-0.093 χ^2/NDF : 509432.0/9

Left: 374.800+/-0.068 χ^2/NDF : 2292352.6/20

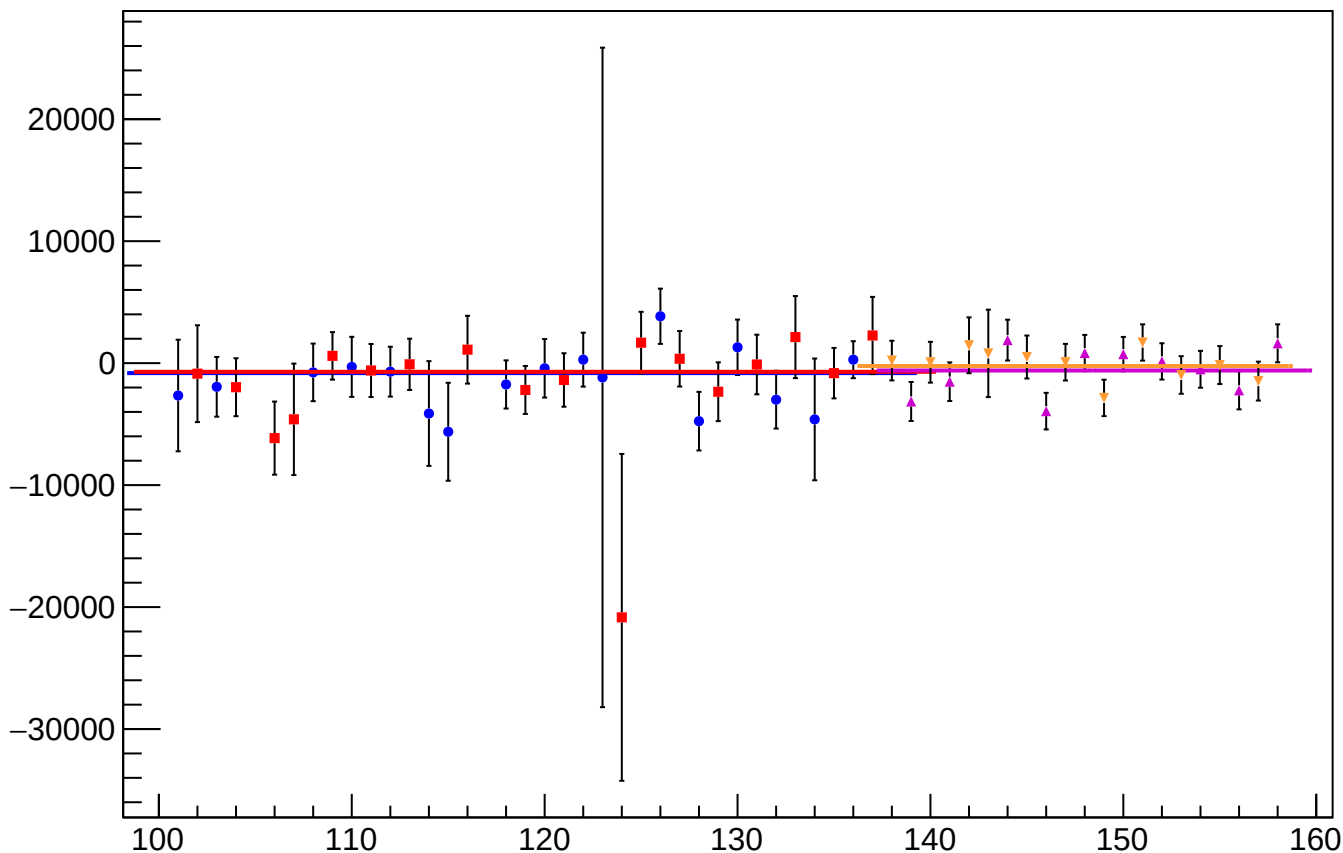
Right: 446.363+/-0.098 χ^2/NDF : 6367838.5/34

In: 395.490+/-0.078 χ^2/NDF : 3730194.9/26

Out: 400.878+/-0.080 χ^2/NDF : 5290099.7/28

All: 398.097+/-0.056 χ^2/NDF : 9022631.6/55

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: -235.908+/-506.424 χ^2/NDF : 6.6/10

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: -427.255+/-350.134 χ^2/NDF : 22.0/20

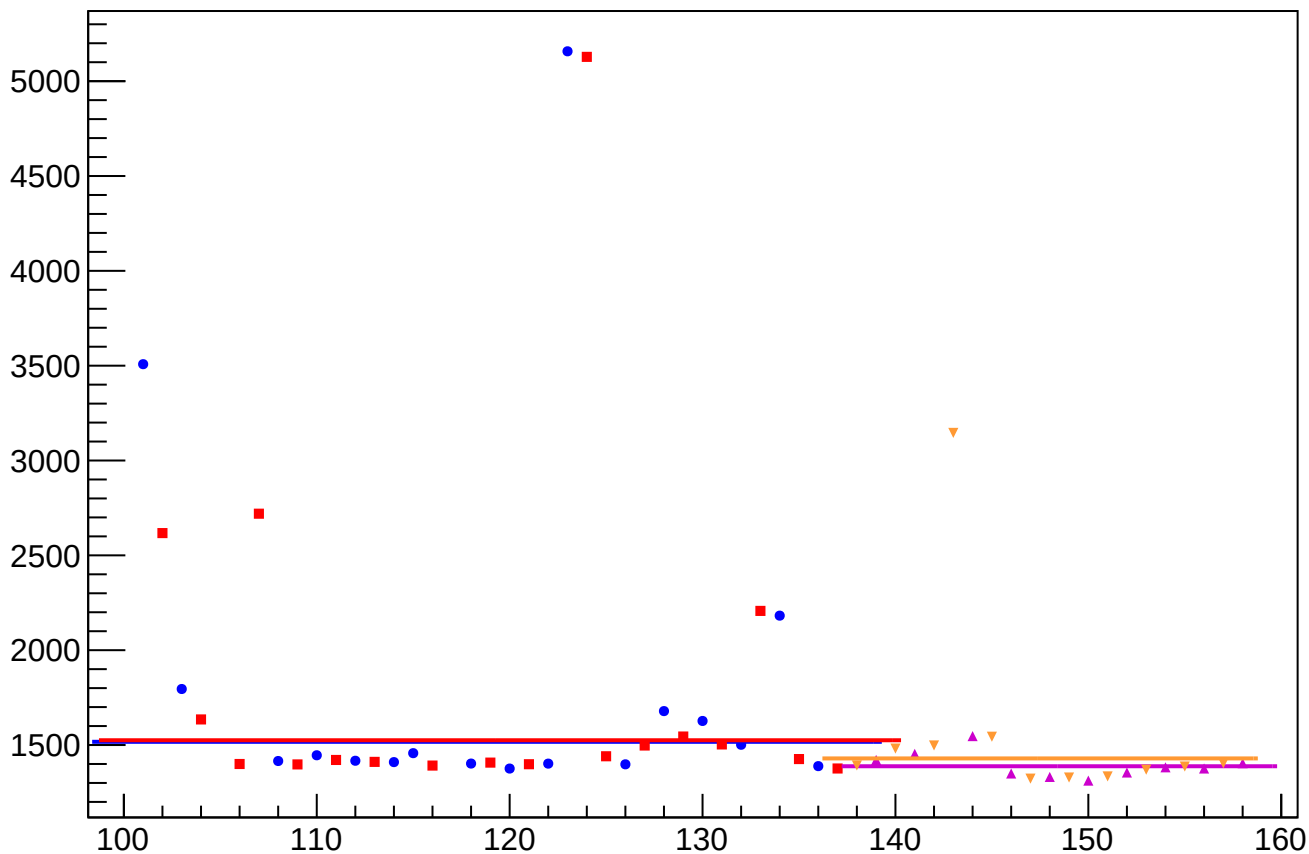
Right: -763.412+/-423.268 χ^2/NDF : 24.1/34

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

Out: -434.919+/-385.938 χ^2/NDF : 18.3/28

All: -563.828+/-269.790 χ^2/NDF : 46.6/55

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: 1429.319 ± 0.358 χ^2/NDF : 504238.1/10

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: 1407.773 ± 0.248 χ^2/NDF : 544726.4/20

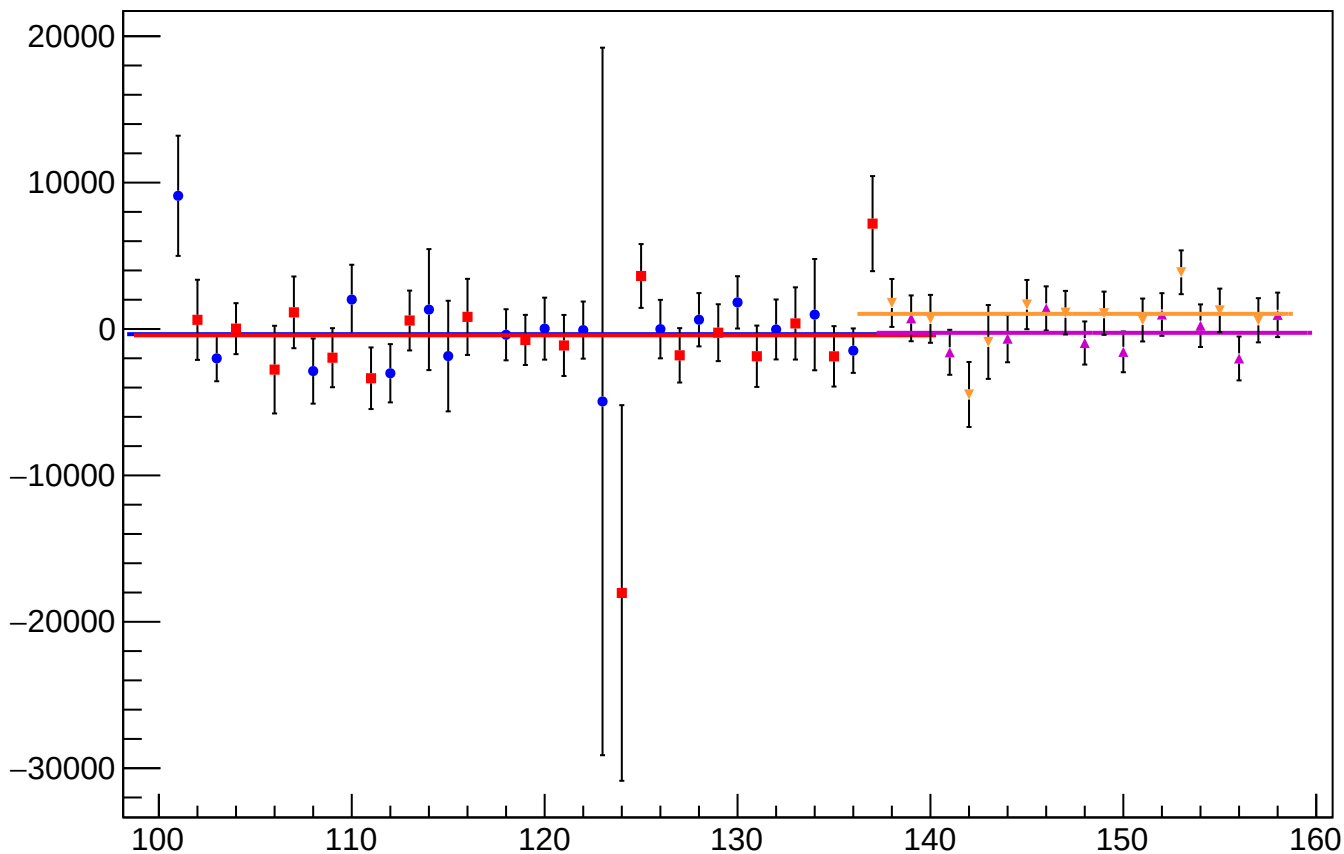
Right: 1521.052 ± 0.299 χ^2/NDF : 1113154.8/34

In: 1438.814 ± 0.267 χ^2/NDF : 630319.4/26

Out: 1469.473 ± 0.273 χ^2/NDF : 1106159.2/28

All: 1453.796 ± 0.191 χ^2/NDF : 1742932.4/55

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: 1035.318+/-489.537 χ^2/NDF :10.9/10

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: 366.351+/-340.408 χ^2/NDF : 20.9/20

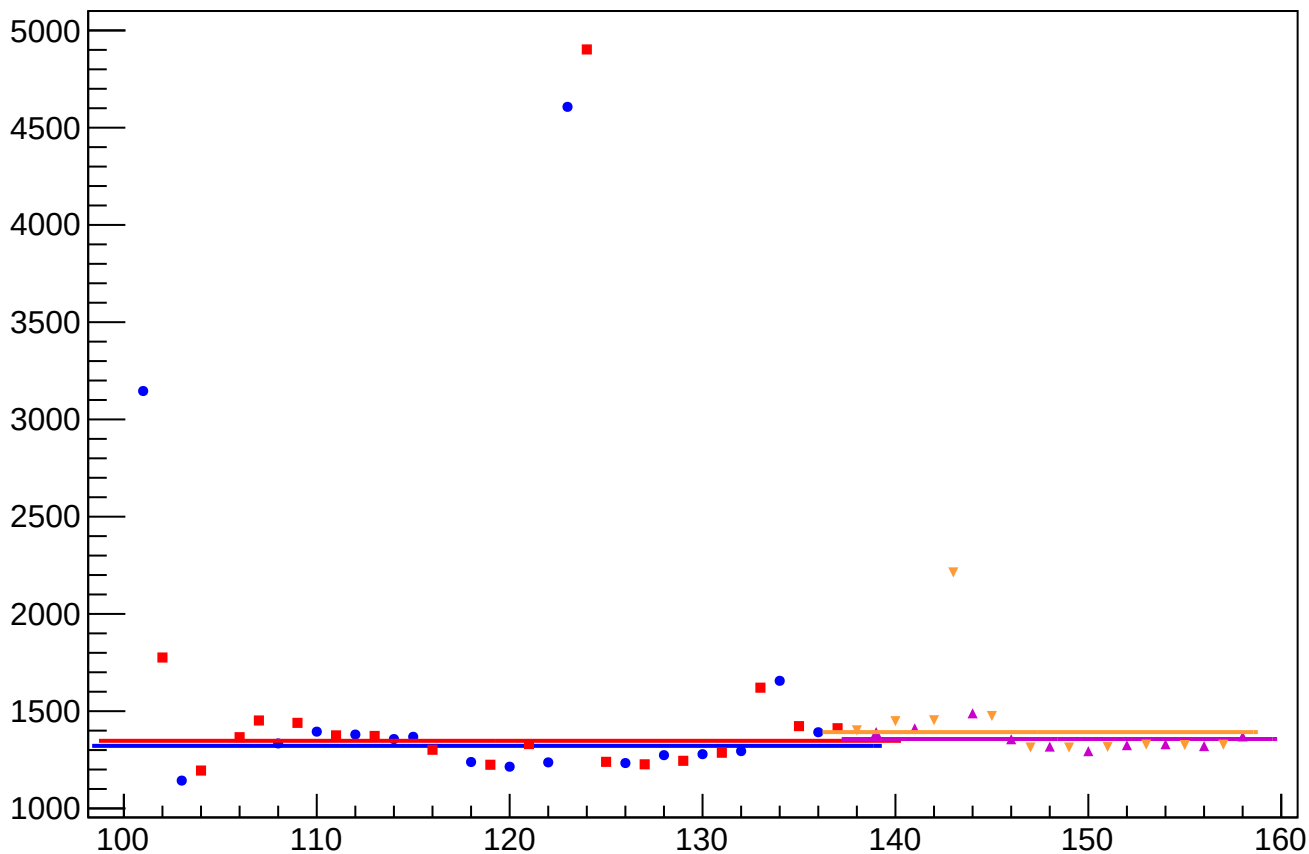
Right: -391.220+/-369.698 χ^2/NDF : 30.3/34

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

Out: 350.503+/-357.190 χ^2/NDF :32.0/28

All: 18.760+/-250.420 χ^2/NDF : 53.5/55

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 1392.444+/-0.346 χ^2/NDF : 248579.2/10

Right Out: 1347.646+/-0.369 χ^2/NDF : 286301.2/17

Left In: 1356.934+/-0.335 χ^2/NDF : 25412.6/9

Left: 1374.104+/-0.241 χ^2/NDF : 279427.0/20

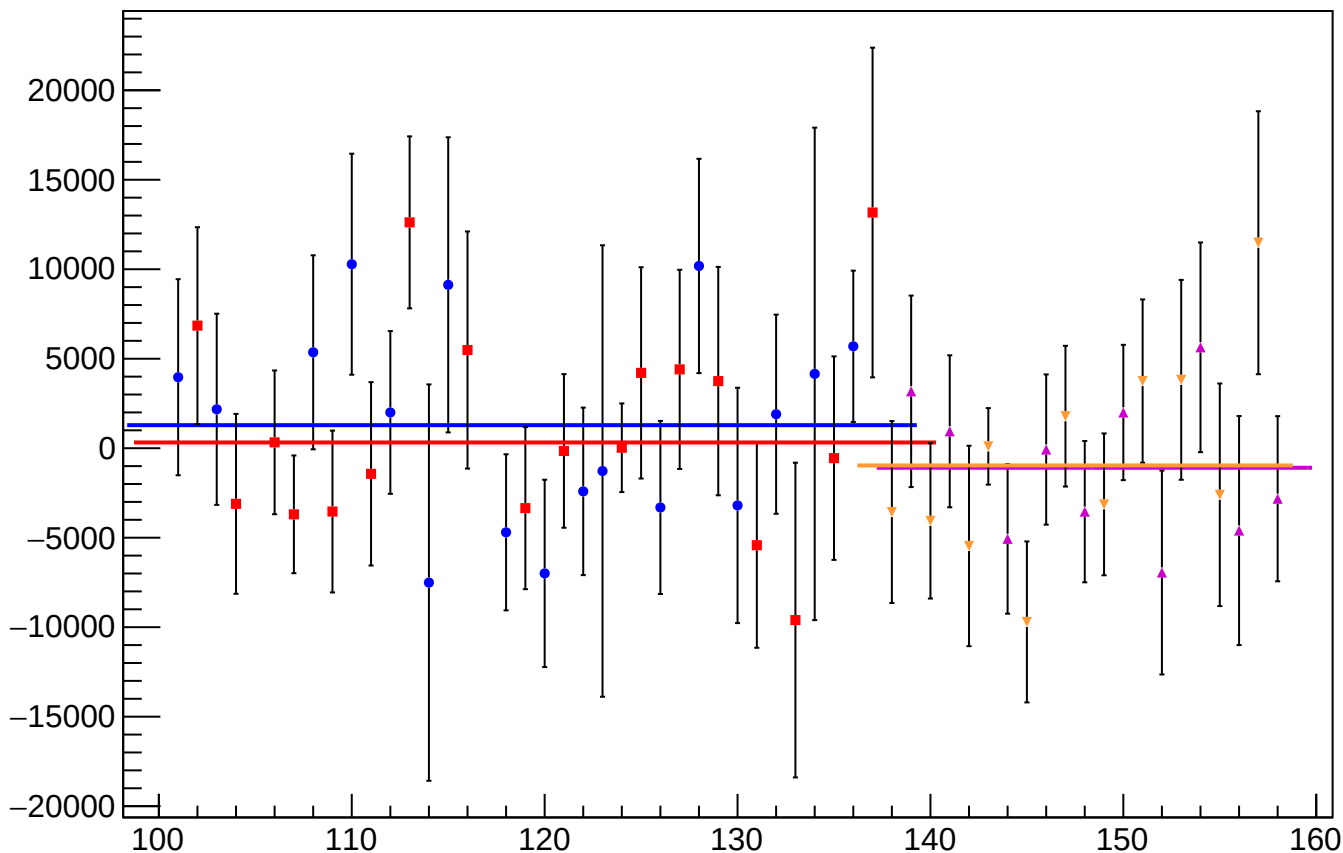
Right: 1334.706+/-0.261 χ^2/NDF : 791010.5/34

In: 1341.068+/-0.248 χ^2/NDF : 532640.9/26

Out: 1371.484+/-0.253 χ^2/NDF : 542717.0/28

All: 1356.022+/-0.177 χ^2/NDF : 1082733.7/55

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: -962.311+/-1245.356 χ^2/NDF :11.0/10

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: -1016.768+/-947.178 χ^2/NDF : 16.7/20

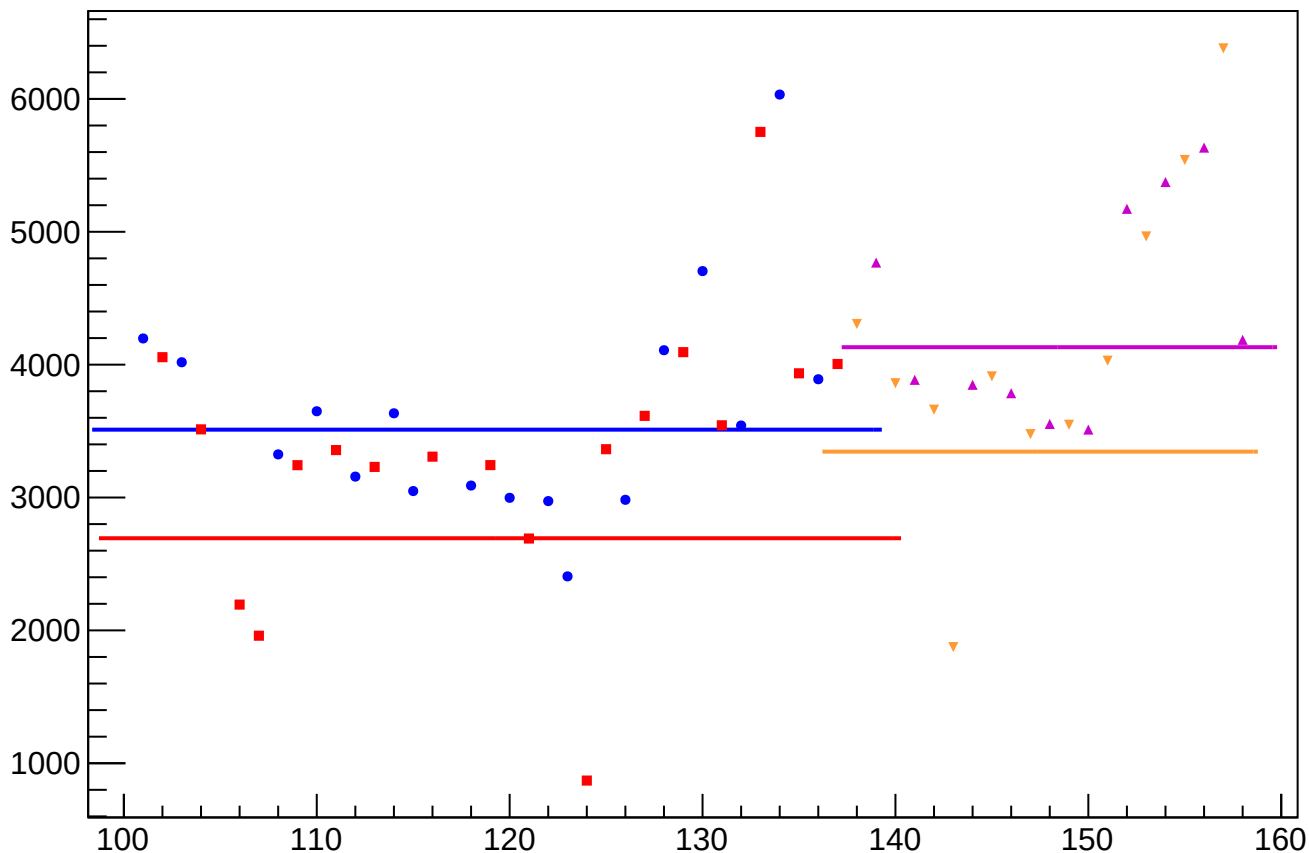
Right: 700.521+/-861.814 χ^2/NDF : 32.1/34

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

Out: -244.340+/-826.783 χ^2/NDF :29.1/28

All: -77.267+/-637.442 χ^2/NDF : 50.6/55

asym_atl_dd_atr_dd_avg_correction_rms vs Slug, Sign Corrected



Right In: 3510.799+/-0.973 χ^2/NDF : 344054.4/16

Left Out: 3345.331+/-0.881 χ^2/NDF :1896363.4/10

Right Out: 2693.503+/-0.782 χ^2/NDF : 2125842.2/17

Left In: 4131.408+/-1.032 χ^2/NDF :421860.3/9

Left: 3676.691+/-0.670 χ^2/NDF : 2654122.0/20

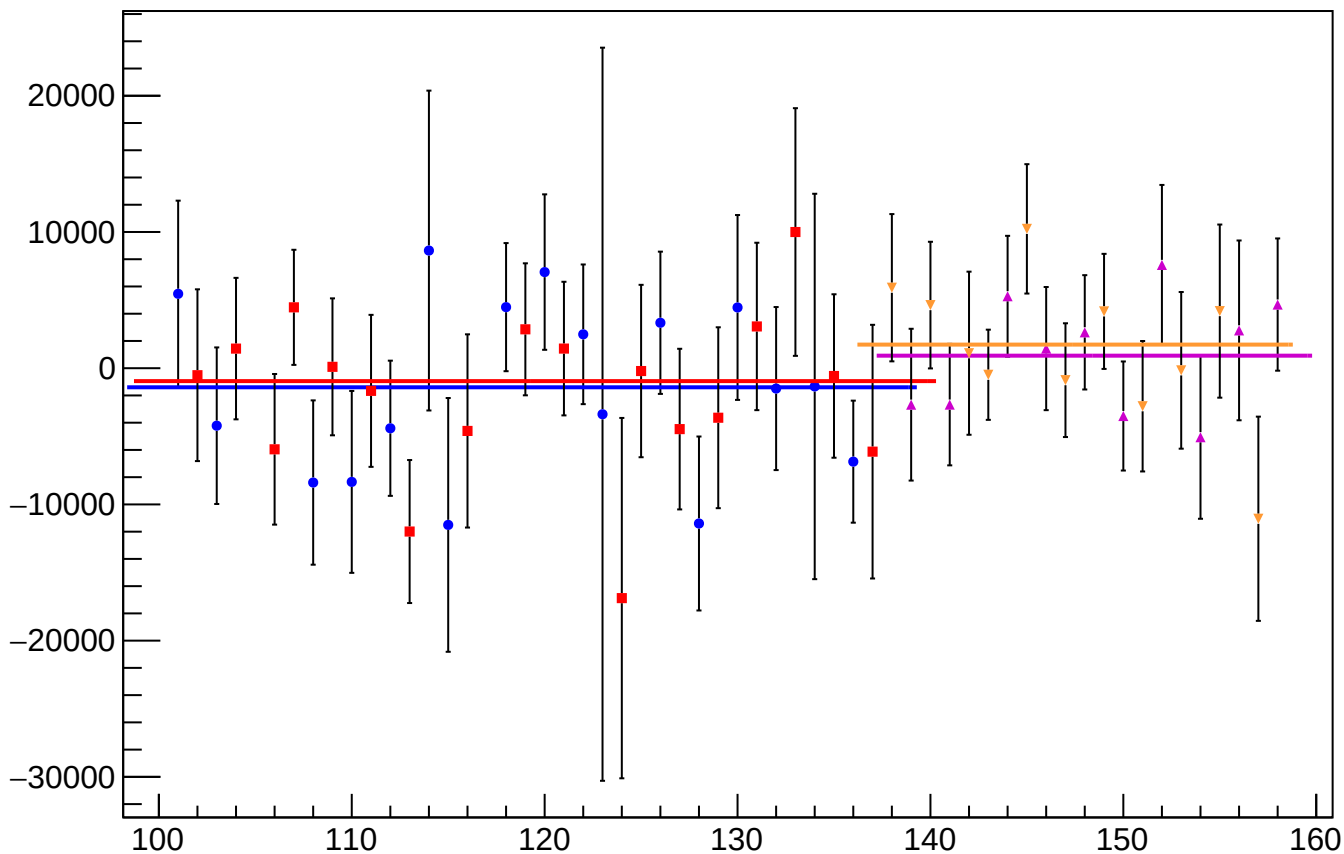
Right: 3014.176+/-0.609 χ^2/NDF : 2898733.2/34

In: 3802.946+/-0.708 χ^2/NDF :957475.1/26

Out: 2980.799+/-0.585 χ^2/NDF :4328622.4/28

All: 3314.240+/-0.451 χ^2/NDF : 6088173.7/55

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: 1732.732 $\pm$ 1452.797 χ^2 /NDF:9.4/10

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: 1349.059 $\pm$ 1055.524 χ^2 /NDF: 16.0/20

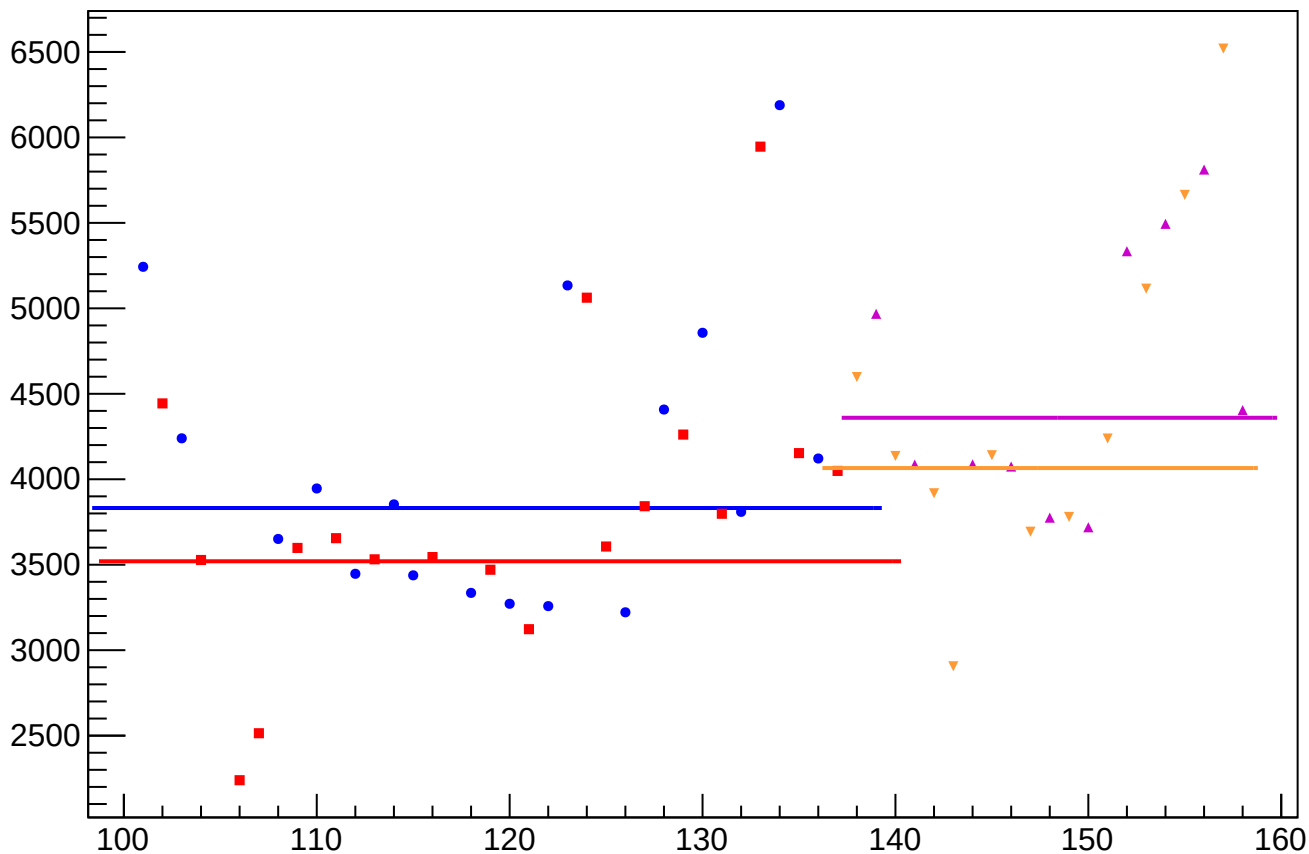
Right: -1155.658 $\pm$ 1017.952 χ^2 /NDF: 28.3/34

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

Out: 326.165 $\pm$ 1001.585 χ^2 /NDF:23.7/28

All: 51.329 $\pm$ 732.724 χ^2 /NDF: 47.2/55

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



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

Left Out: 4065.593 $\pm$ 1.027 χ^2 /NDF: 702211.8/10

Right Out: 3520.188 $\pm$ 0.969 χ^2 /NDF: 544143.8/17

Left In: 4359.721 $\pm$ 1.086 χ^2 /NDF: 360833.8/9

Left: 4204.460 $\pm$ 0.746 χ^2 /NDF: 1101749.6/20

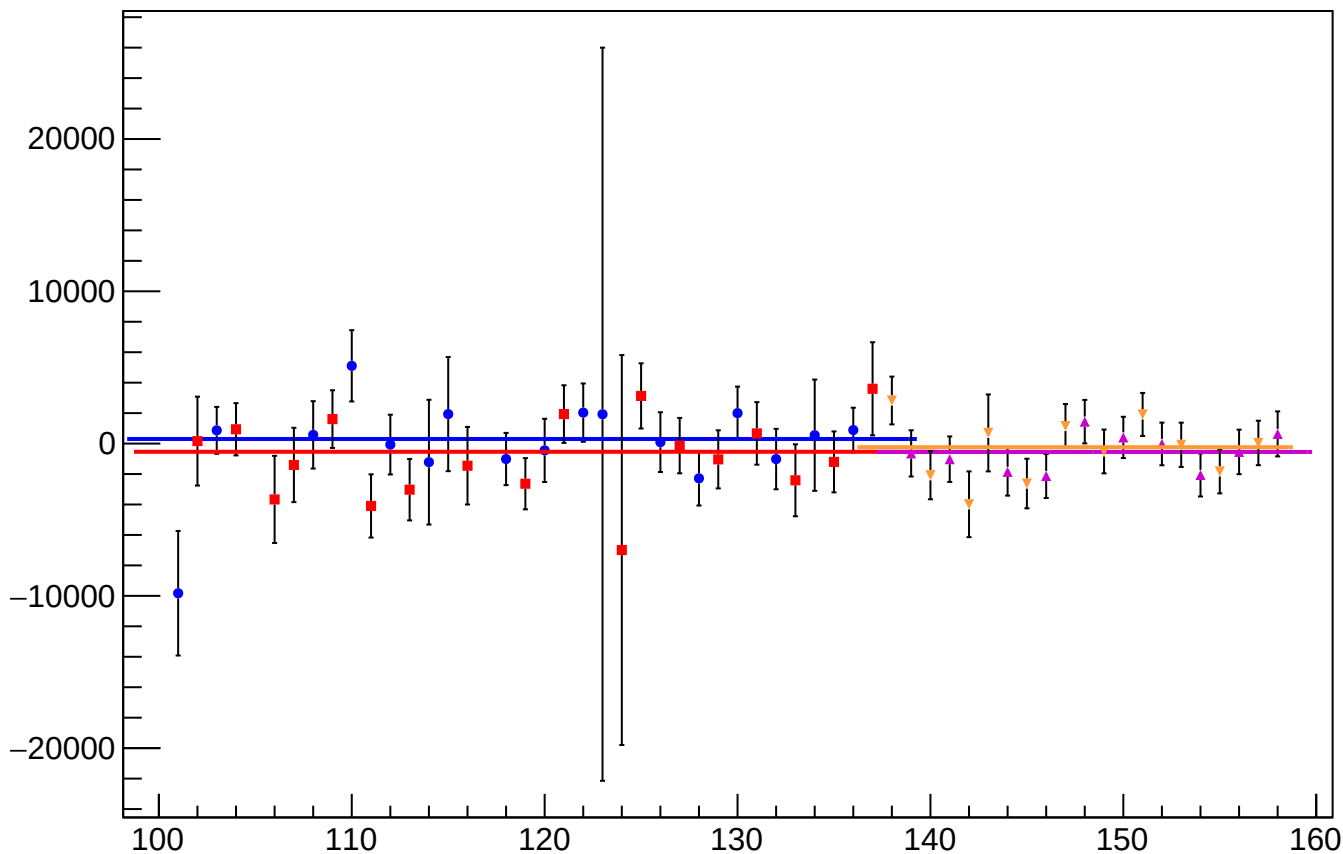
Right: 3661.502 $\pm$ 0.716 χ^2 /NDF: 928771.8/34

In: 4090.205 $\pm$ 0.760 χ^2 /NDF: 819126.1/26

Out: 3776.921 $\pm$ 0.705 χ^2 /NDF: 1395546.6/28

All: 3921.788 $\pm$ 0.517 χ^2 /NDF: 2306034.2/55

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



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

Left Out: -236.567 $\pm$ 474.368 χ^2 /NDF:15.0/10

Right Out: -537.727 $\pm$ 508.684 χ^2 /NDF: 17.5/17

Left In: -549.263 $\pm$ 459.089 χ^2 /NDF:6.4/9

Left: -398.032 $\pm$ 329.894 χ^2 /NDF: 21.6/20

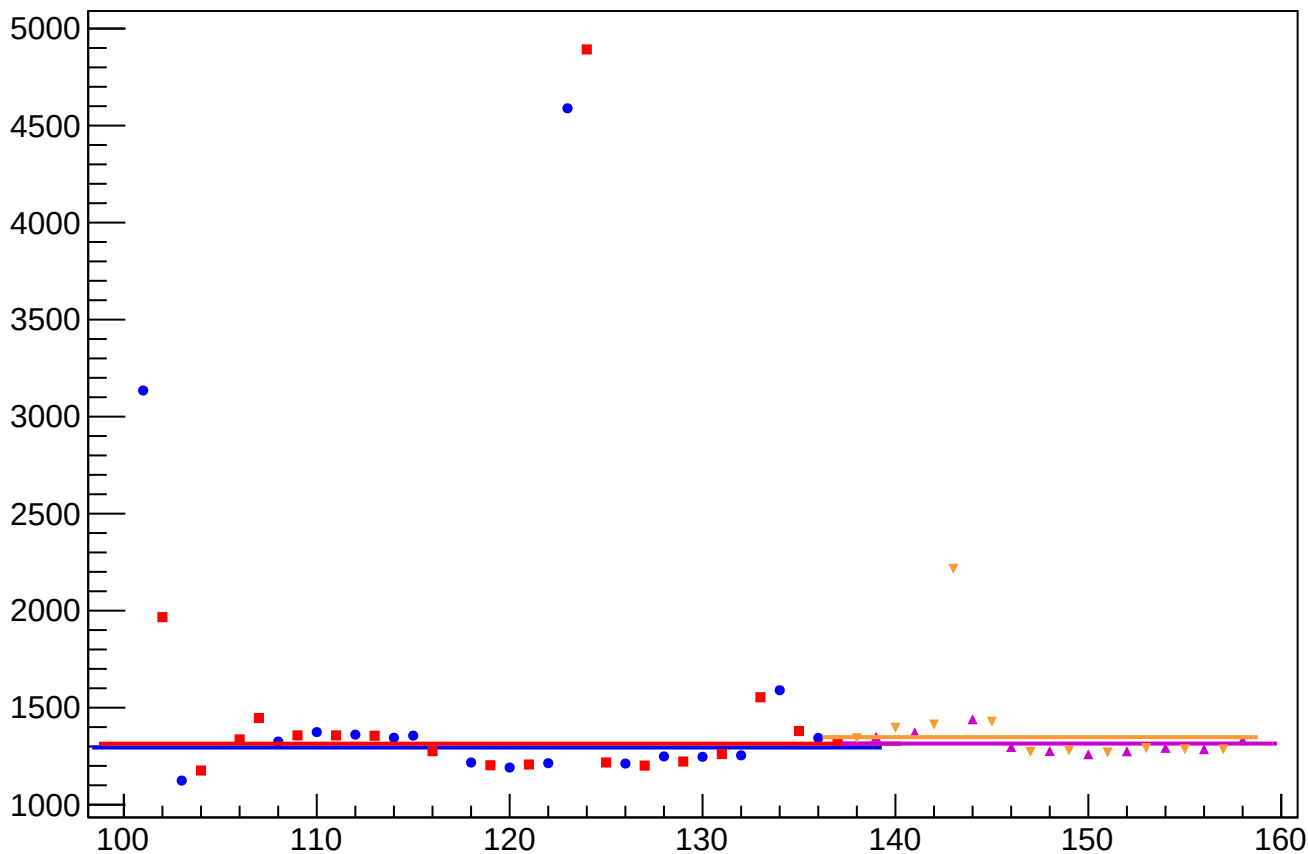
Right: -121.291 $\pm$ 361.152 χ^2 /NDF: 34.9/34

In: -170.575 $\pm$ 342.053 χ^2 /NDF:24.0/26

Out: -376.647 $\pm$ 346.927 χ^2 /NDF:32.7/28

All: -272.154 $\pm$ 243.573 χ^2 /NDF: 56.8/55

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: 1348.155 $\pm$ 0.335 χ^2 /NDF: 271389.1/10

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: 1331.046 $\pm$ 0.233 χ^2 /NDF: 301580.3/20

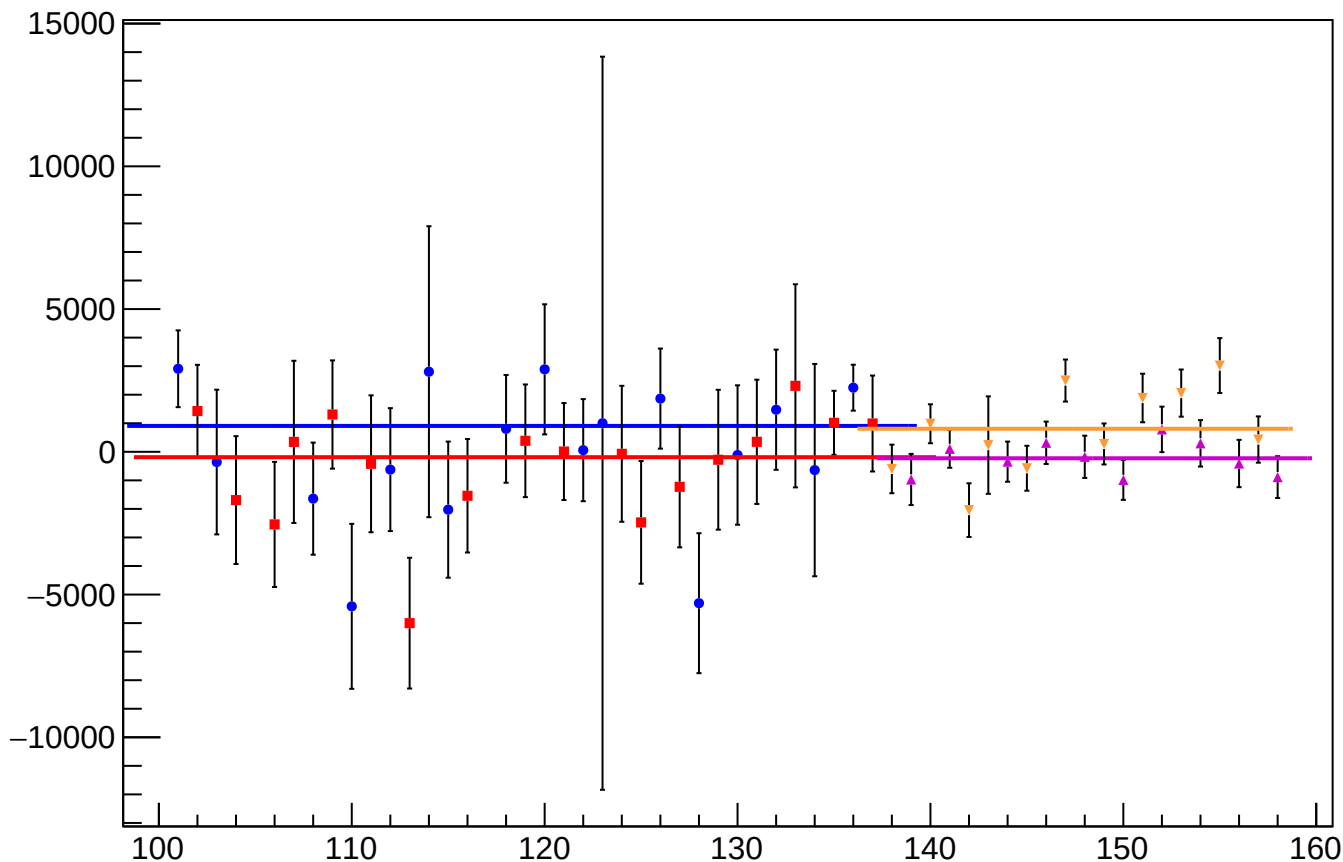
Right: 1304.740 $\pm$ 0.255 χ^2 /NDF: 843154.3/34

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

Out: 1332.542 $\pm$ 0.245 χ^2 /NDF: 609885.7/28

All: 1319.080 $\pm$ 0.172 χ^2 /NDF: 1150519.4/55

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: 807.437 $\pm$ 251.140 χ^2 /NDF:30.4/10

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: 263.113 $\pm$ 172.794 χ^2 /NDF: 44.9/20

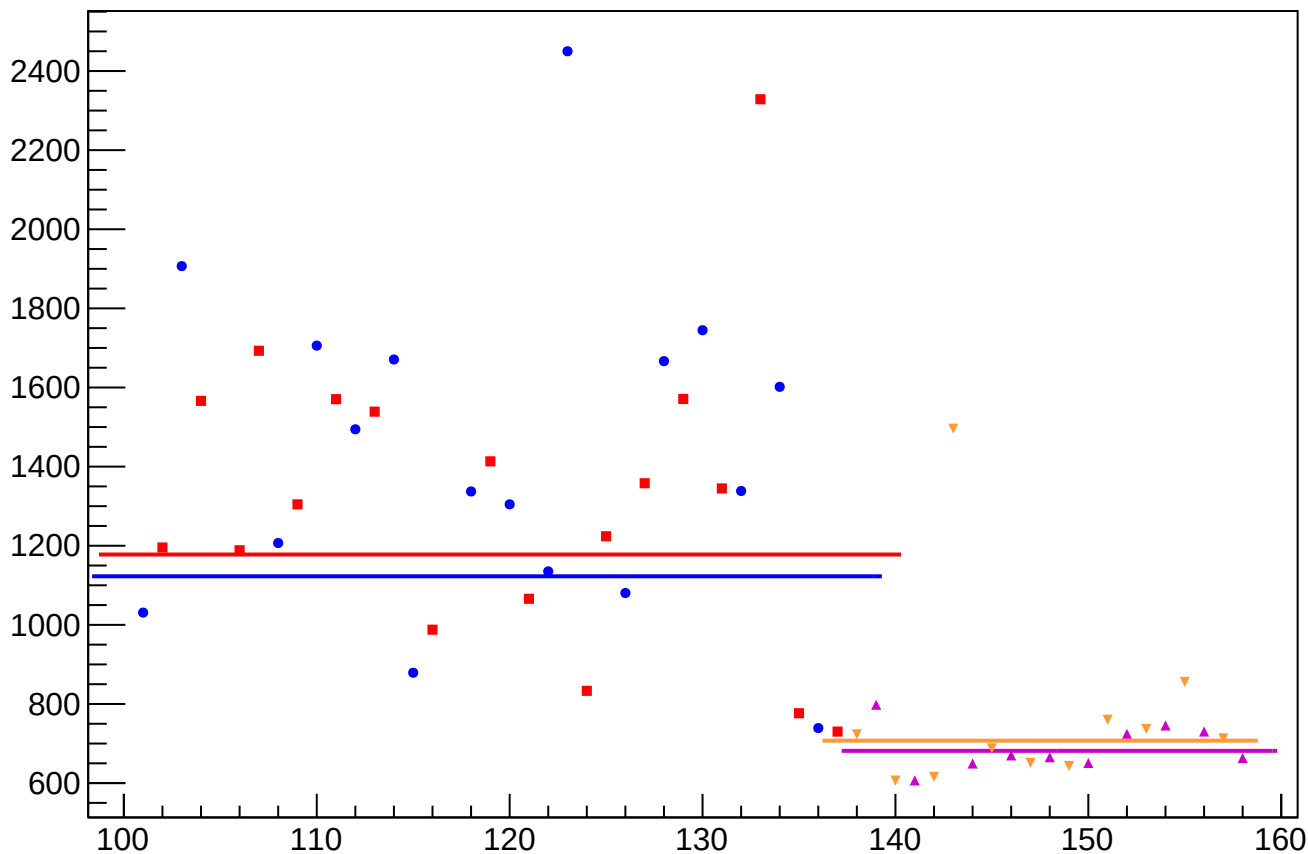
Right: 369.604 $\pm$ 325.359 χ^2 /NDF: 38.7/34

In: 16.651 $\pm$ 211.054 χ^2 /NDF:32.4/26

Out: 582.259 $\pm$ 220.922 χ^2 /NDF:47.8/28

All: 286.541 $\pm$ 152.607 χ^2 /NDF: 83.6/55

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: 707.278+/-0.178 χ^2/NDF : 577237.9/10

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: 693.722+/-0.122 χ^2/NDF : 683365.2/20

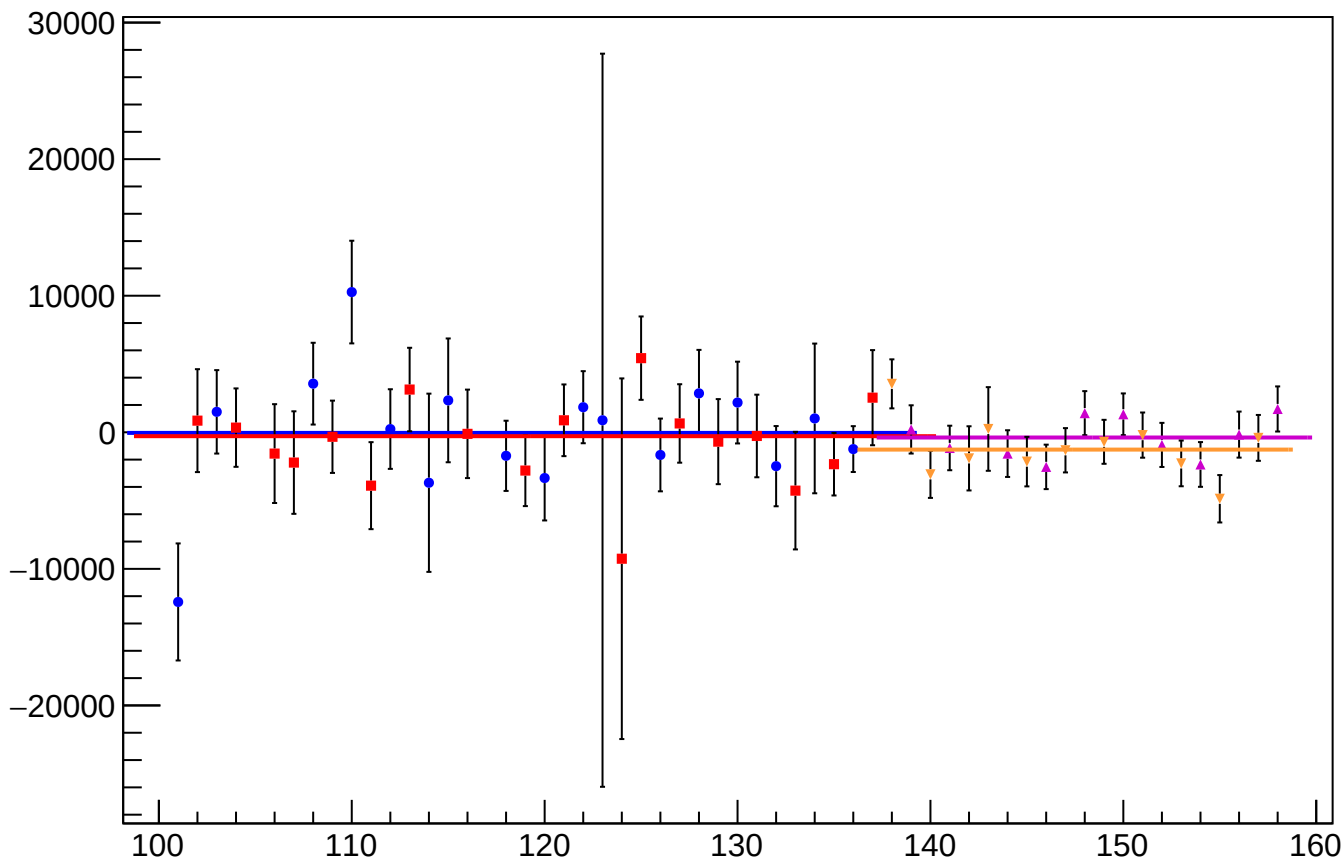
Right: 1149.765+/-0.230 χ^2/NDF : 2224002.1/34

In: 776.124+/-0.149 χ^2/NDF : 2755258.3/26

Out: 813.696+/-0.156 χ^2/NDF : 3186726.8/28

All: 794.052+/-0.108 χ^2/NDF : 5972228.8/55

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: -1266.939+/-541.289 χ^2/NDF :14.3/10

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: -806.290+/-374.807 χ^2/NDF : 23.9/20

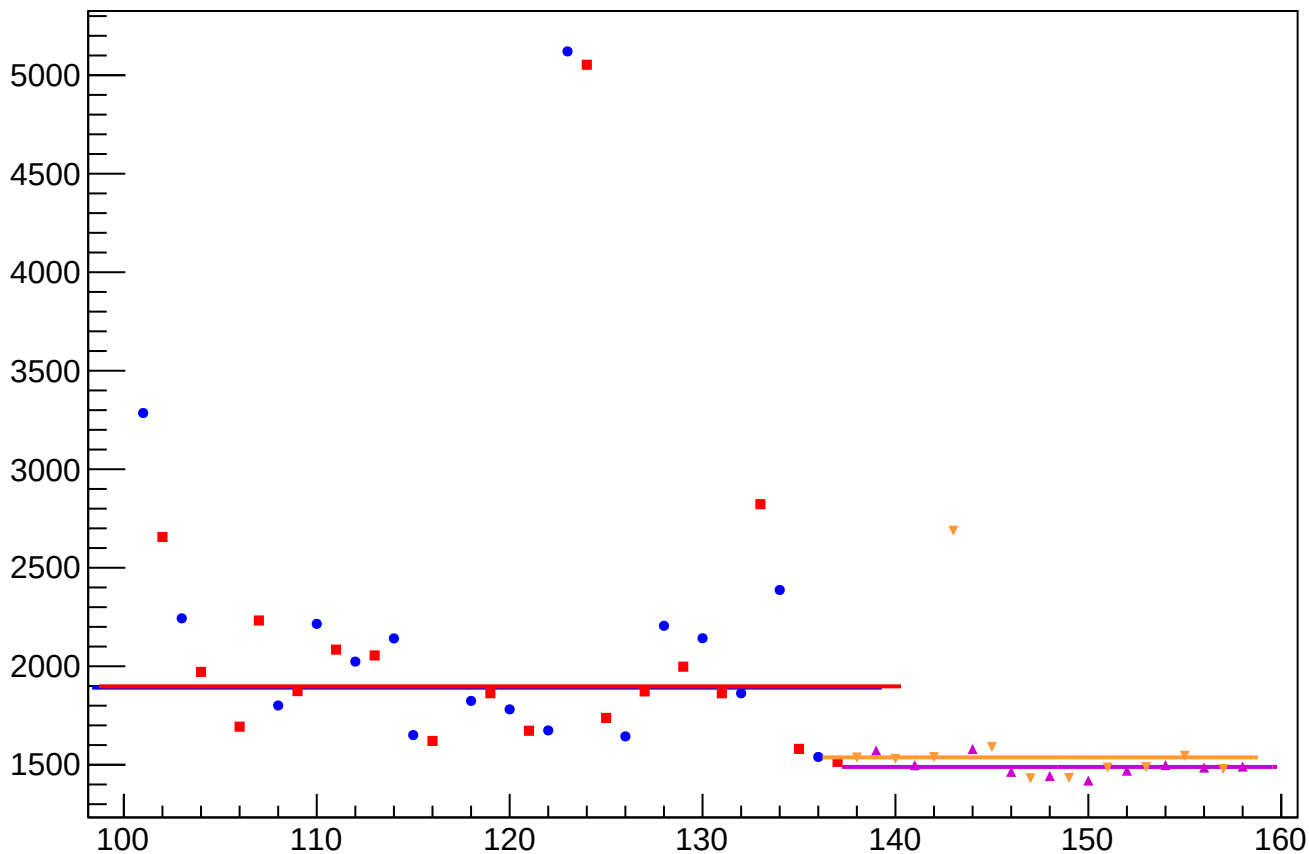
Right: -166.852+/-524.259 χ^2/NDF : 33.9/34

In: -272.046+/-426.608 χ^2/NDF :31.6/26

Out: -922.018+/-435.931 χ^2/NDF :26.1/28

All: -590.007+/-304.900 χ^2/NDF : 58.8/55

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1891.668 $\pm$ 0.529 χ^2 /NDF: 469088.3/16

Left Out: 1537.465 $\pm$ 0.383 χ^2 /NDF: 307215.0/10

Right Out: 1898.010 $\pm$ 0.520 χ^2 /NDF: 423694.9/17

Left In: 1489.135 $\pm$ 0.367 χ^2 /NDF: 16719.1/9

Left: 1512.307 $\pm$ 0.265 χ^2 /NDF: 332233.6/20

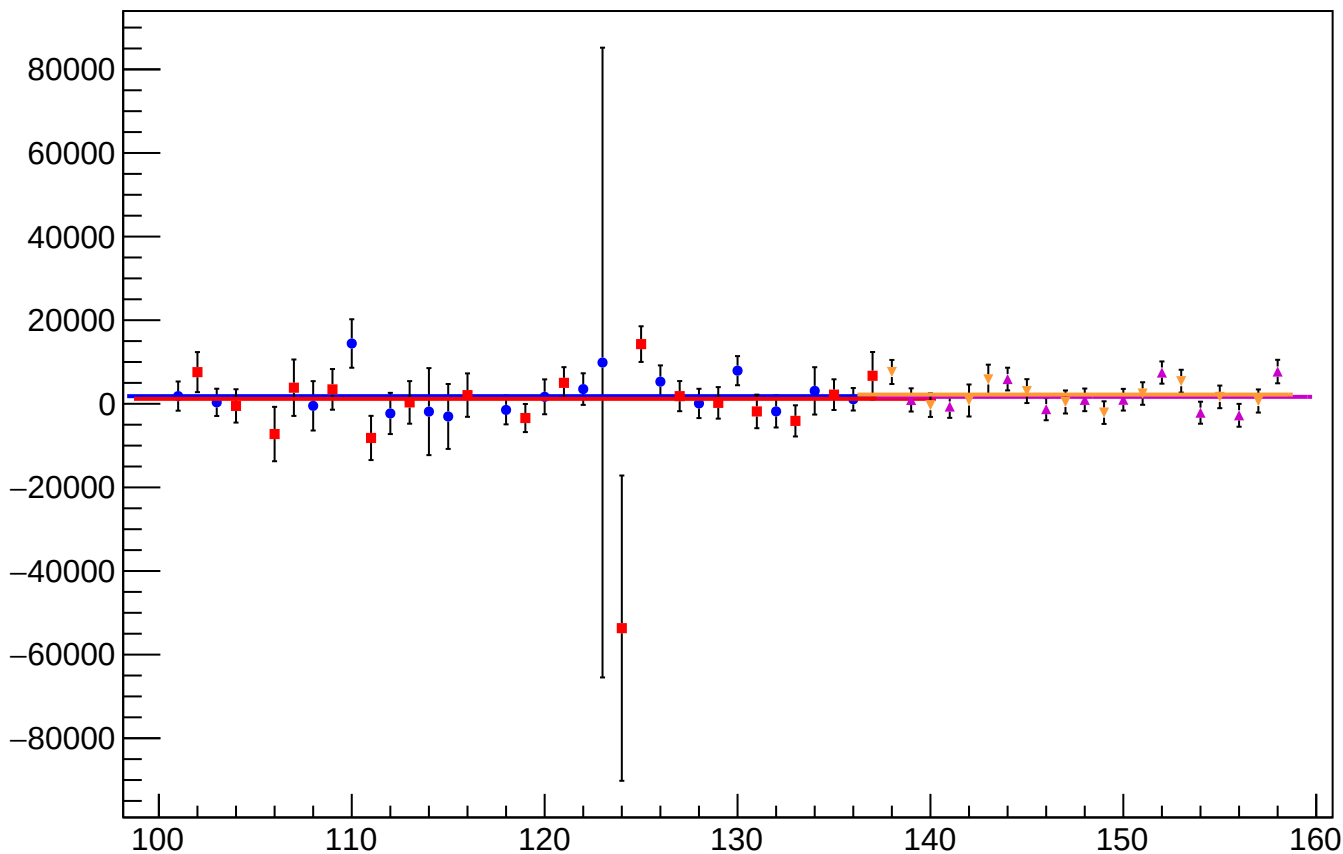
Right: 1894.891 $\pm$ 0.371 χ^2 /NDF: 892856.4/34

In: 1620.215 $\pm$ 0.302 χ^2 /NDF: 876833.7/26

Out: 1664.162 $\pm$ 0.308 χ^2 /NDF: 1042726.4/28

All: 1641.714 $\pm$ 0.216 χ^2 /NDF: 1929942.7/55

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1825.042+/-1010.167 χ^2/NDF : 12.6/16

Left Out: 2203.025+/-868.423 χ^2/NDF :10.3/10

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: 1928.041+/-608.550 χ^2/NDF : 29.2/20

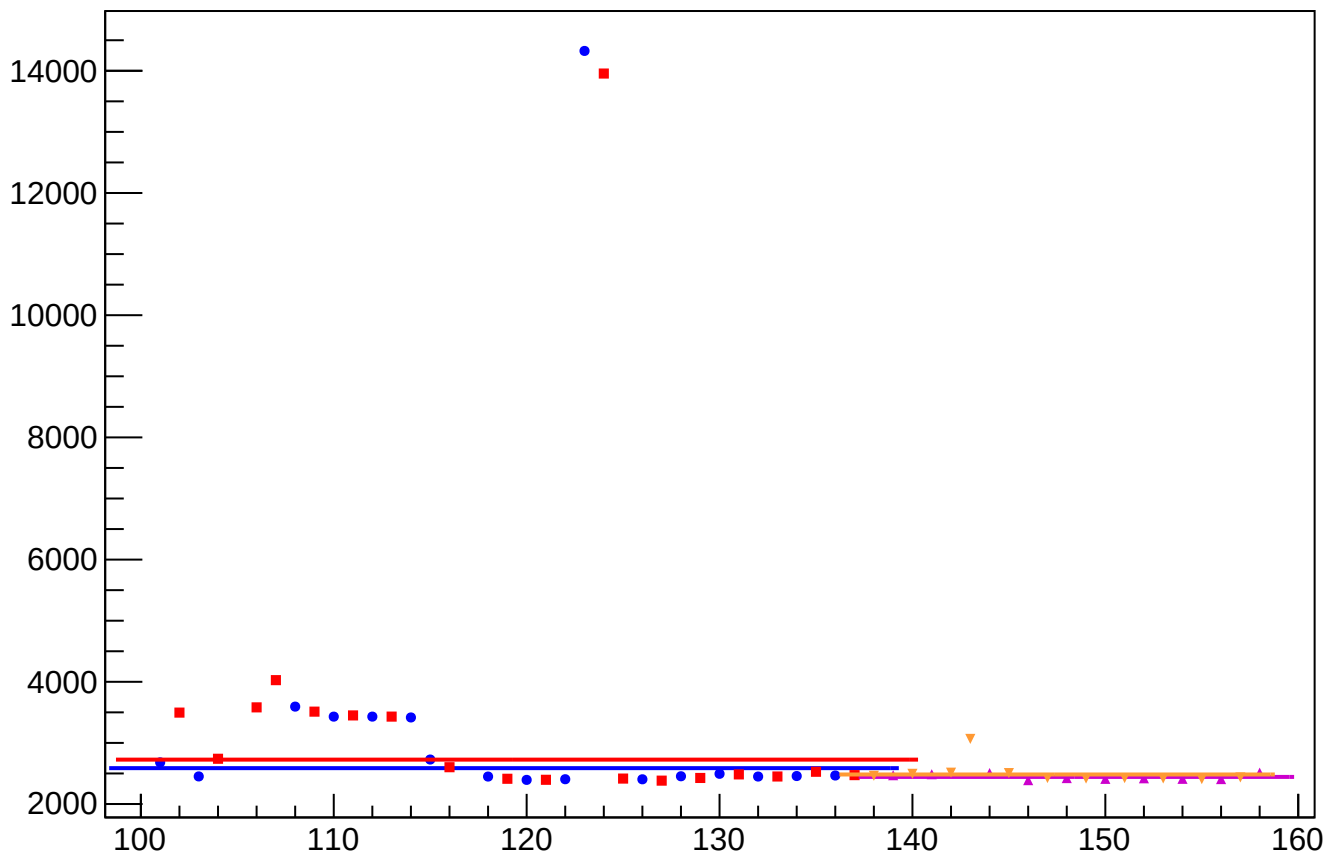
Right: 1516.312+/-727.946 χ^2/NDF : 38.2/34

In: 1730.289+/-651.737 χ^2/NDF :31.3/26

Out: 1788.584+/-669.178 χ^2/NDF :36.3/28

All: 1758.667+/-466.892 χ^2/NDF : 67.6/55

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2586.978 $\pm$ 0.714 χ^2 /NDF: 254112.7/16

Left Out: 2483.223 $\pm$ 0.614 χ^2 /NDF: 61539.6/10

Right Out: 2726.457 $\pm$ 0.742 χ^2 /NDF: 580850.1/17

Left In: 2443.493 $\pm$ 0.603 χ^2 /NDF: 5015.3/9

Left: 2463.002 $\pm$ 0.430 χ^2 /NDF: 68685.4/20

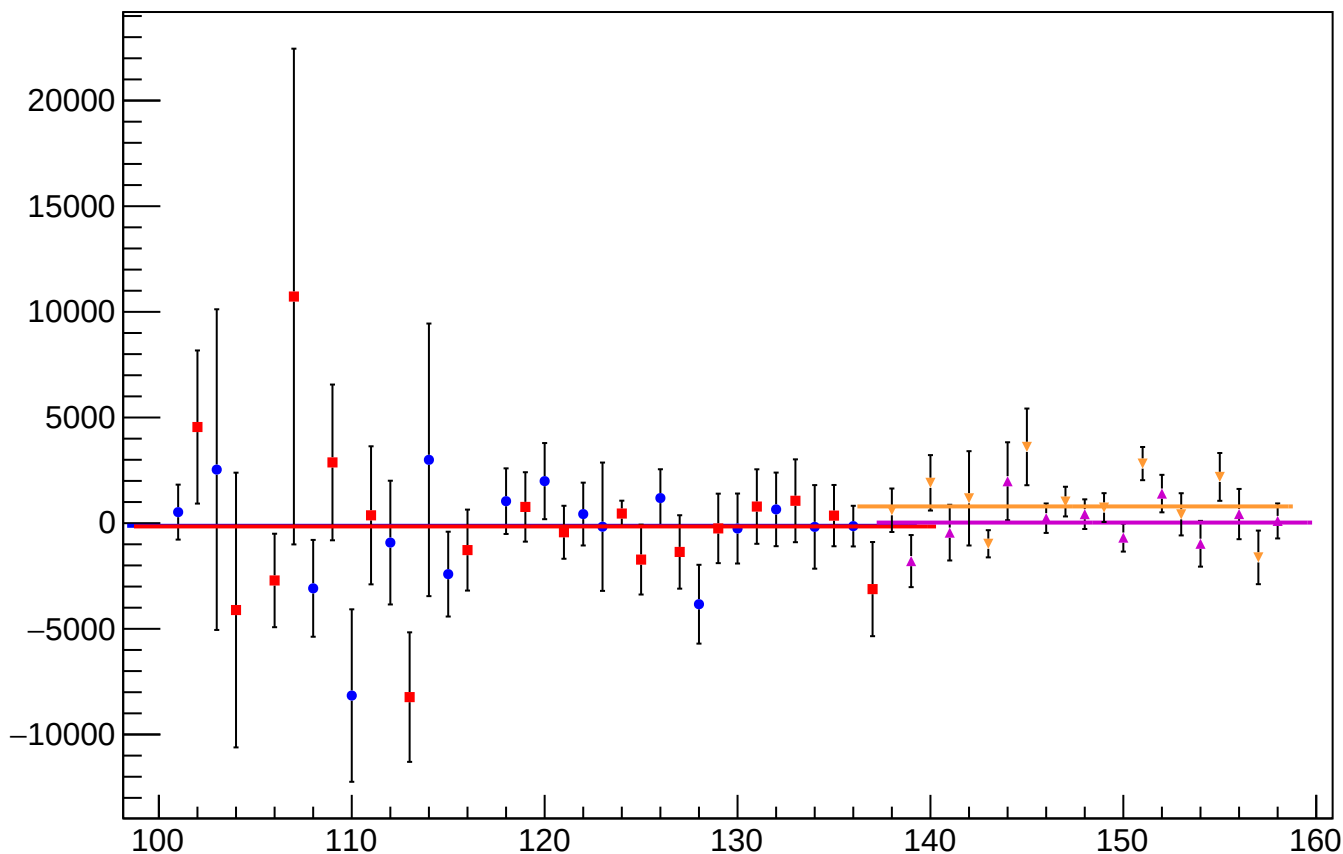
Right: 2654.027 $\pm$ 0.515 χ^2 /NDF: 853292.0/34

In: 2503.219 $\pm$ 0.461 χ^2 /NDF: 282683.0/26

Out: 2582.031 $\pm$ 0.473 χ^2 /NDF: 706125.5/28

All: 2541.585 $\pm$ 0.330 χ^2 /NDF: 1003045.5/55

asym_atl1_correction_mean vs Slug, Sign Corrected



Right In: -124.472 $\pm$ 430.760 χ^2/NDF : 14.7/16

Left Out: 792.293 $\pm$ 281.263 χ^2/NDF : 22.8/10

Right Out: -154.579 $\pm$ 380.922 χ^2/NDF : 17.6/17

Left In: 28.045 $\pm$ 286.410 χ^2/NDF : 8.4/9

Left: 417.098 $\pm$ 200.678 χ^2/NDF : 34.8/20

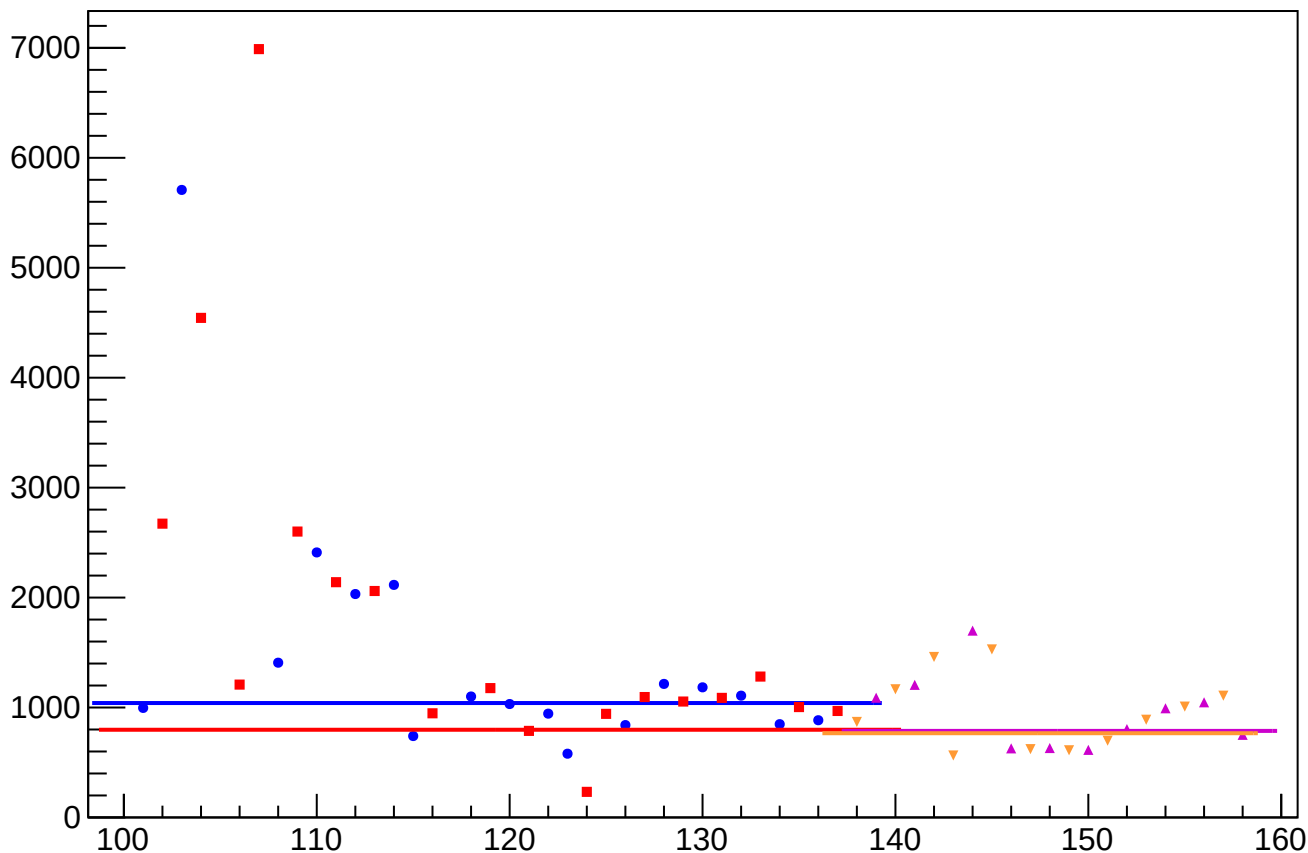
Right: -141.367 $\pm$ 285.354 χ^2/NDF : 32.3/34

In: -18.710 $\pm$ 238.503 χ^2/NDF : 23.2/26

Out: 458.205 $\pm$ 226.267 χ^2/NDF : 44.3/28

All: 232.295 $\pm$ 164.150 χ^2/NDF : 69.6/55

asym_atl1_correction_rms vs Slug, Sign Corrected



Right In: 1040.760+/-0.305 χ^2/NDF : 1573034.8/16

Left Out: 766.164+/-0.199 χ^2/NDF : 1419333.6/10

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: 776.535+/-0.142 χ^2/NDF : 2746837.6/20

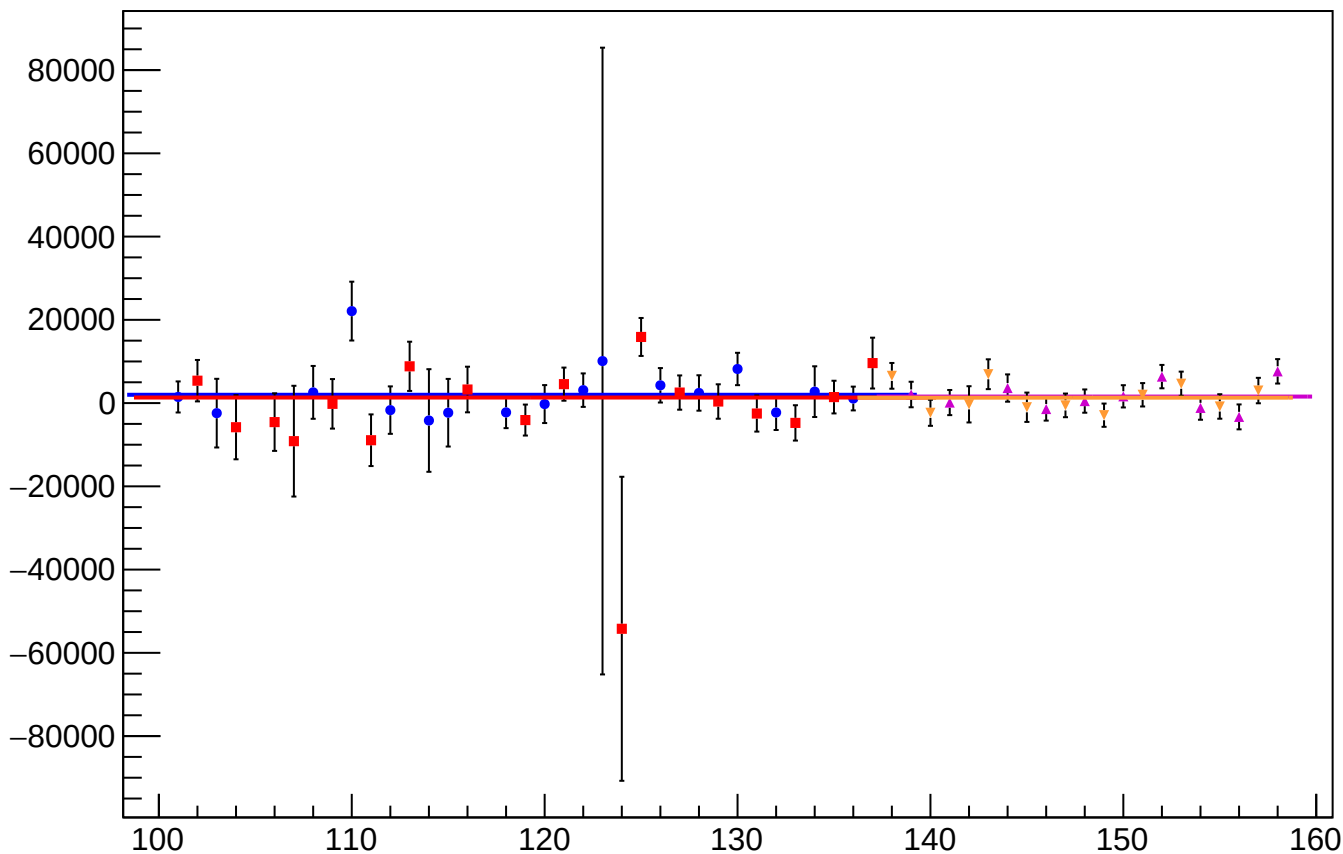
Right: 904.380+/-0.202 χ^2/NDF : 7104613.1/34

In: 864.992+/-0.169 χ^2/NDF : 3375208.6/26

Out: 777.302+/-0.160 χ^2/NDF : 6602554.4/28

All: 818.840+/-0.116 χ^2/NDF : 10120055.2/55

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1996.263+/-1155.054 χ^2/NDF : 14.9/16

Left Out: 1302.869+/-937.643 χ^2/NDF :12.2/10

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: 1437.352+/-656.355 χ^2/NDF : 24.9/20

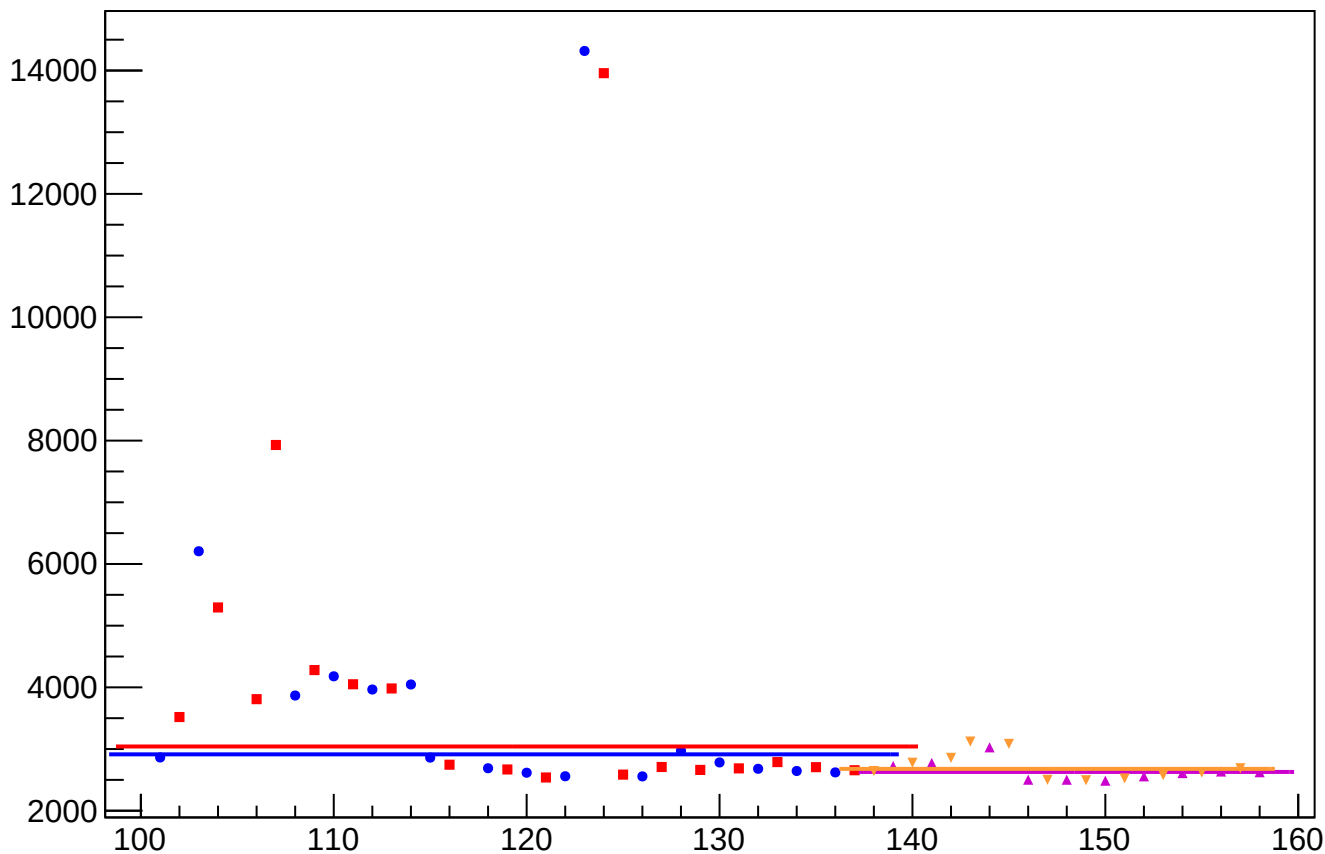
Right: 1677.304+/-830.083 χ^2/NDF : 42.6/34

In: 1733.154+/-719.190 χ^2/NDF :27.7/26

Out: 1315.750+/-737.372 χ^2/NDF :39.6/28

All: 1529.662+/-514.852 χ^2/NDF : 67.5/55

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2913.875+/-0.817 χ^2/NDF : 638984.6/16

Left Out: 2678.383+/-0.663 χ^2/NDF : 88440.5/10

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: 2653.039+/-0.464 χ^2/NDF : 142685.4/20

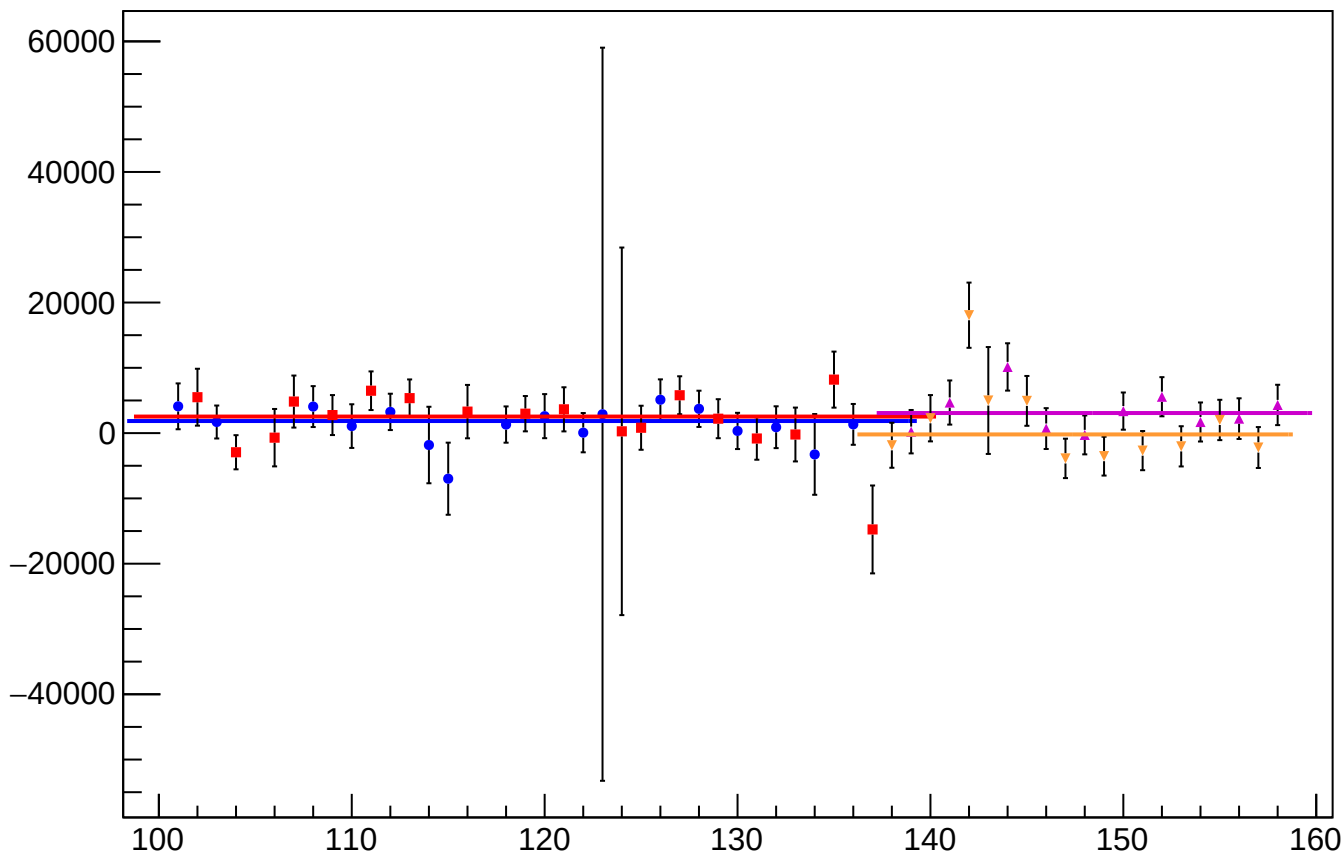
Right: 2975.455+/-0.587 χ^2/NDF : 1654324.2/34

In: 2739.252+/-0.509 χ^2/NDF : 765019.2/26

Out: 2816.829+/-0.521 χ^2/NDF : 1206300.7/28

All: 2777.072+/-0.364 χ^2/NDF : 1982664.9/55

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1850.093 $\pm$ 806.760 χ^2 /NDF: 7.3/16

Left Out: -199.965 $\pm$ 1034.995 χ^2 /NDF:21.0/10

Right Out: 2535.163 $\pm$ 819.322 χ^2 /NDF: 20.0/17

Left In: 3076.412 $\pm$ 988.684 χ^2 /NDF:7.8/9

Left: 1513.163 $\pm$ 714.917 χ^2 /NDF: 34.0/20

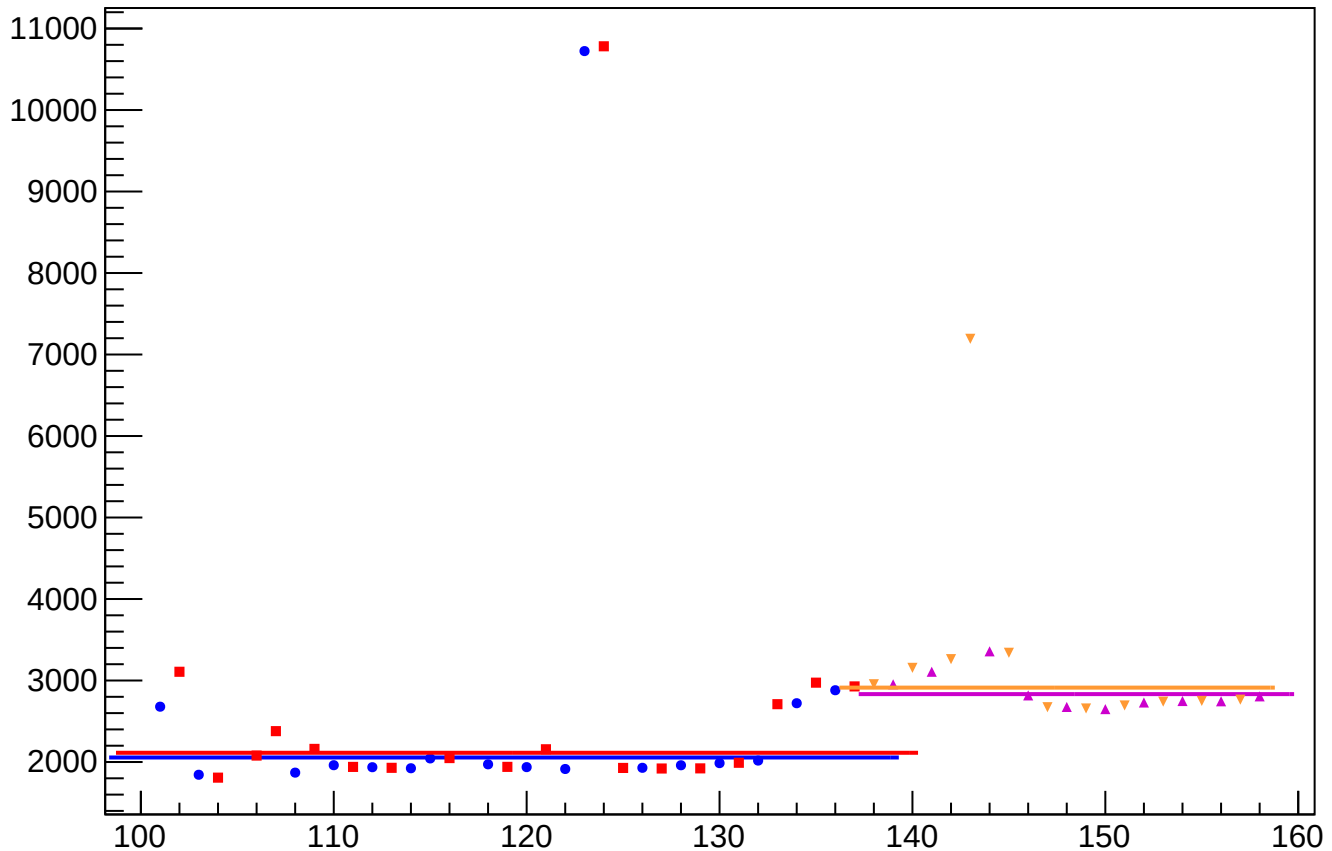
Right: 2187.336 $\pm$ 574.855 χ^2 /NDF: 27.6/34

In: 2340.258 $\pm$ 625.067 χ^2 /NDF:15.9/26

Out: 1481.472 $\pm$ 642.401 χ^2 /NDF:45.3/28

All: 1922.607 $\pm$ 447.992 χ^2 /NDF: 62.2/55

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2055.447 ± 0.570 χ^2/NDF : 316383.7/16

Left Out: 2912.846 ± 0.732 χ^2/NDF : 645564.5/10

Right Out: 2113.304 ± 0.578 χ^2/NDF : 532006.4/17

Left In: 2833.083 ± 0.699 χ^2/NDF : 77428.9/9

Left: 2871.140 ± 0.506 χ^2/NDF : 729204.3/20

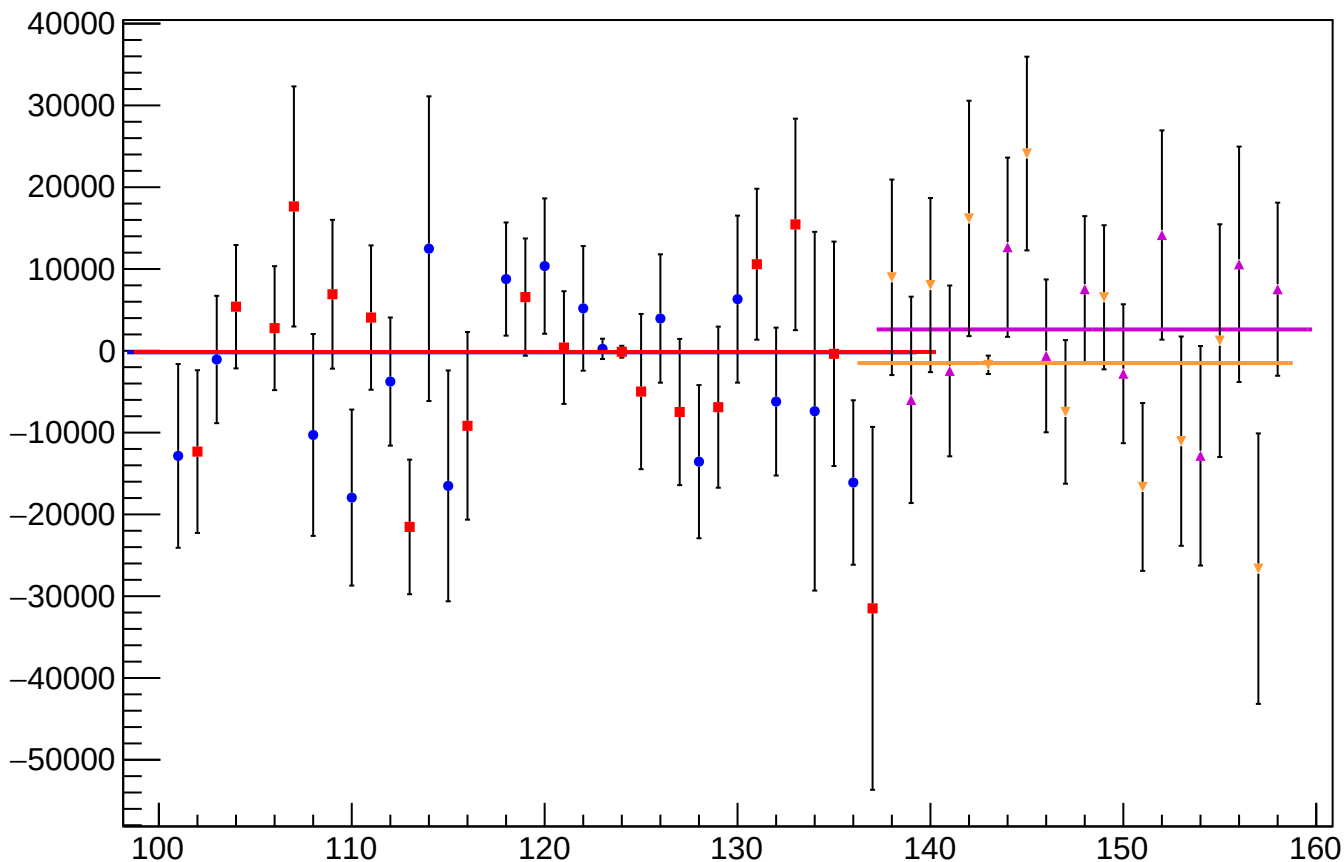
Right: 2083.972 ± 0.406 χ^2/NDF : 853461.4/34

In: 2366.271 ± 0.442 χ^2/NDF : 1136546.5/26

Out: 2420.754 ± 0.454 χ^2/NDF : 1912155.3/28

All: 2392.793 ± 0.317 χ^2/NDF : 3056098.5/55

asym_atl2_correction_mean vs Slug, Sign Corrected



Right In: -185.246+/-1100.780 χ^2/NDF : 16.4/16

Left Out: -1497.599+/-1070.988 χ^2/NDF : 14.2/10

Right Out: -141.935+/-690.979 χ^2/NDF : 19.0/17

Left In: 2612.484+/-3388.222 χ^2/NDF : 5.0/9

Left: -1124.248+/-1021.187 χ^2/NDF : 20.6/20

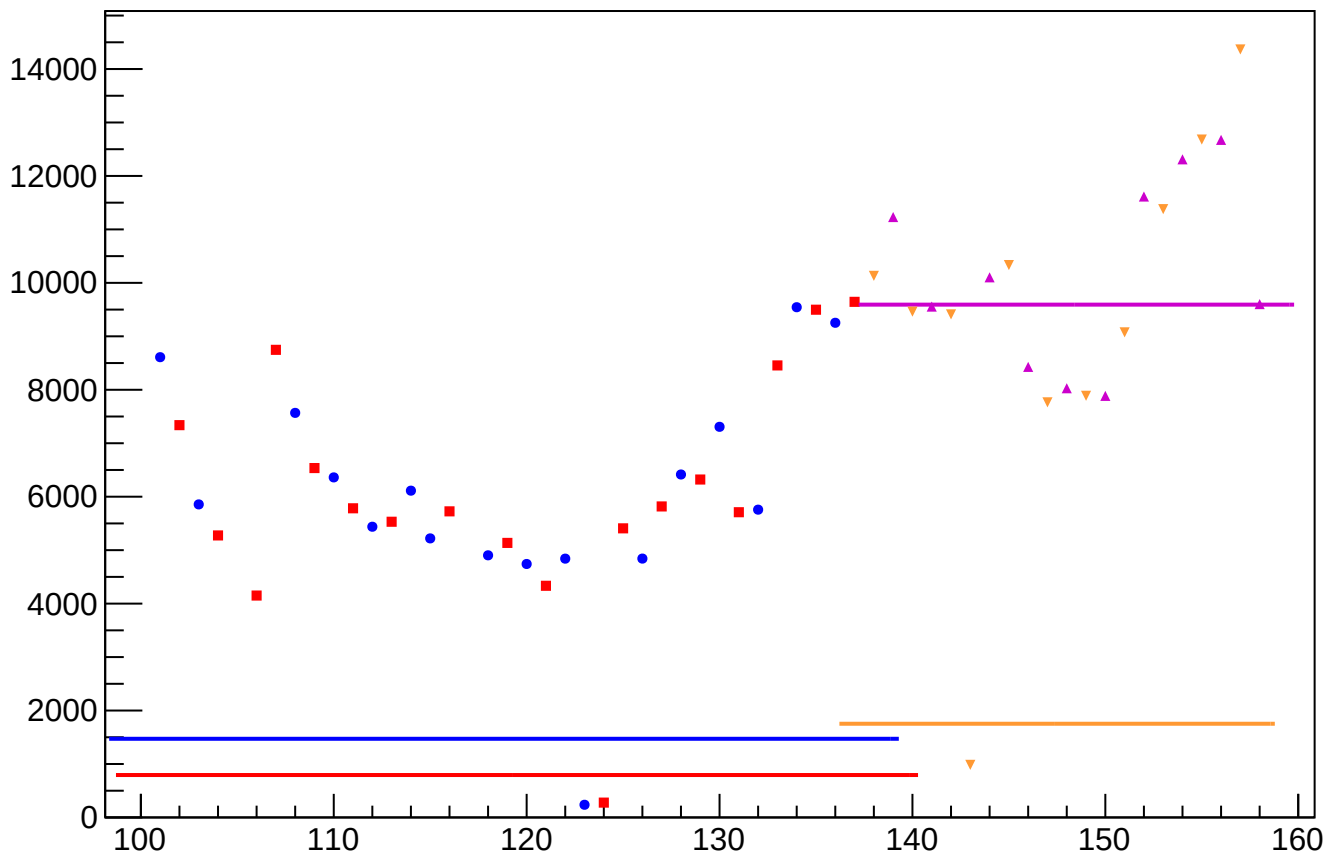
Right: -154.177+/-585.233 χ^2/NDF : 35.3/34

In: 81.861+/-1046.915 χ^2/NDF : 22.0/26

Out: -540.382+/-580.623 χ^2/NDF : 34.3/28

All: -394.011+/-507.761 χ^2/NDF : 56.6/55

asym_atl2_correction_rms vs Slug, Sign Corrected



Right In: 1471.609+/-0.778

χ^2/NDF : 9788255.4/16

Left Out: 1752.829+/-0.757

χ^2/NDF : 10989621.3/10

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: 2464.978+/-0.722

χ^2/NDF : 21159837.4/20

Right: 985.285+/-0.414

χ^2/NDF : 21755031.4/34

In: 2246.942+/-0.740

χ^2/NDF : 20616153.3/26

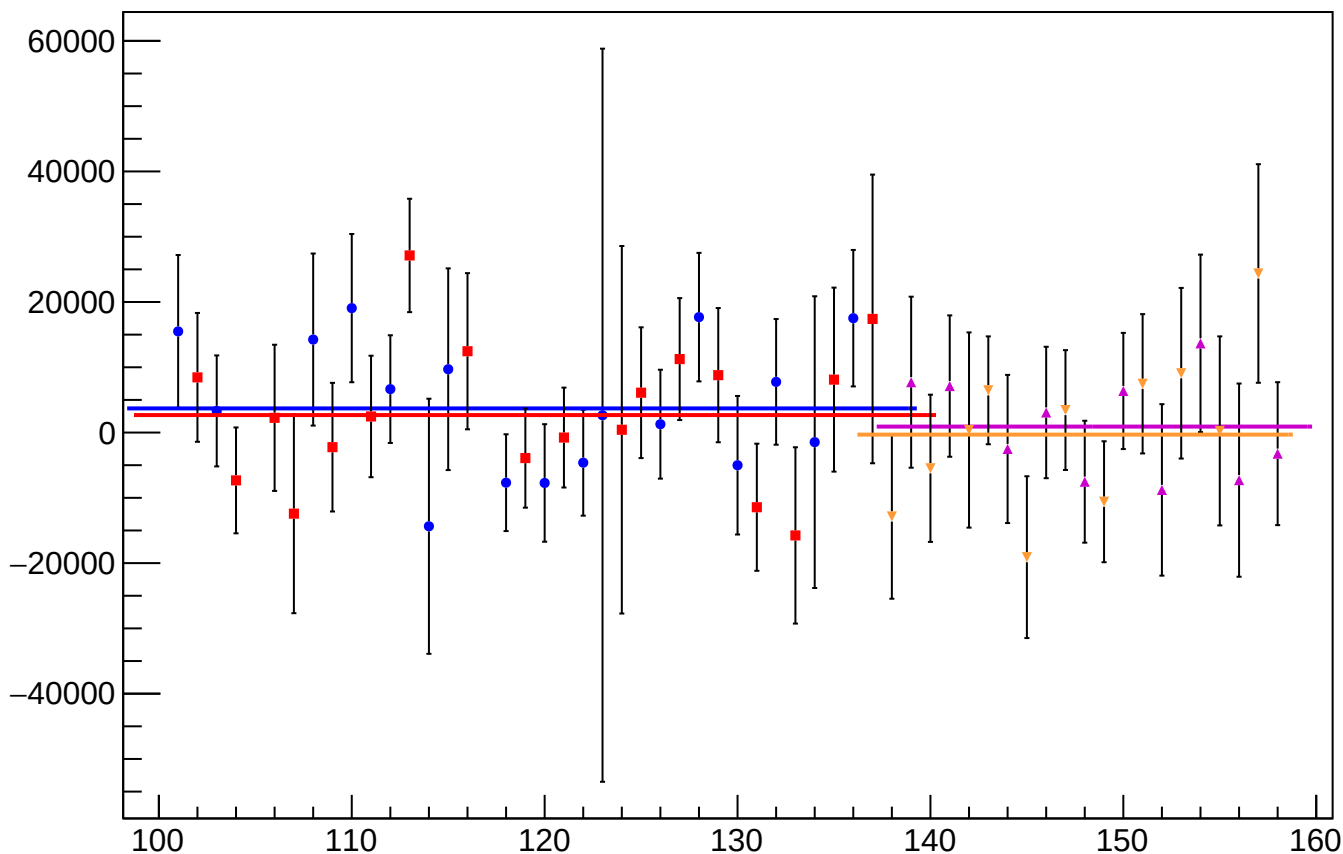
Out: 1075.572+/-0.411

χ^2/NDF : 23544893.6/28

All: 1351.115+/-0.359

χ^2/NDF : 46075857.0/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3698.440+/-2517.949 χ^2/NDF : 14.4/16

Left Out: -316.676+/-3404.319 χ^2/NDF : 8.8/10

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: 276.177+/-2450.814 χ^2/NDF : 12.7/20

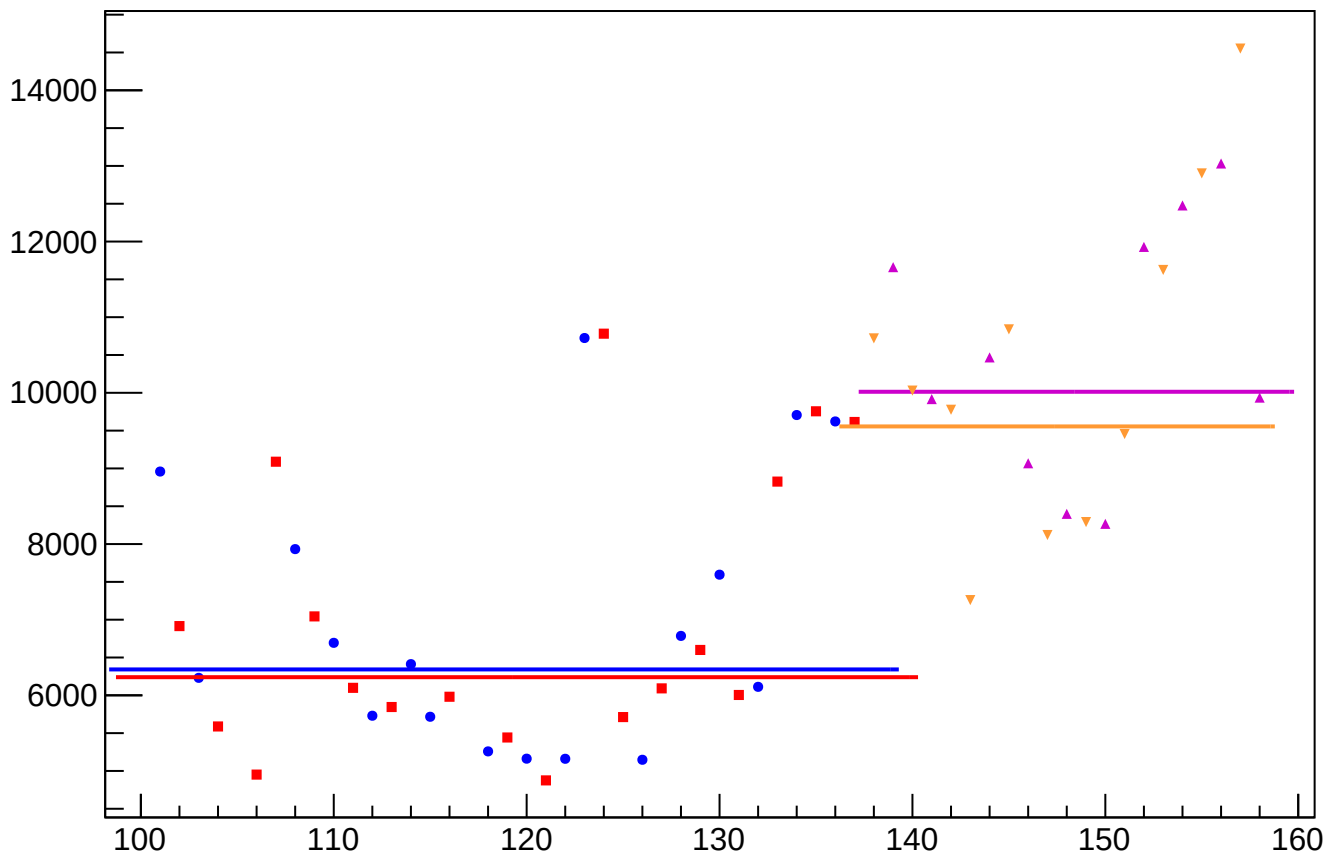
Right: 3170.572+/-1748.031 χ^2/NDF : 33.0/34

In: 2759.864+/-2050.111 χ^2/NDF : 18.6/26

Out: 1668.926+/-1977.098 χ^2/NDF : 27.8/28

All: 2194.623+/-1423.132 χ^2/NDF : 46.6/55

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6342.327+/-1.780 χ^2/NDF : 593668.9/16

Left Out: 9555.461+/-2.407 χ^2/NDF : 618380.8/10

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: 9776.200+/-1.733 χ^2/NDF : 1016747.3/20

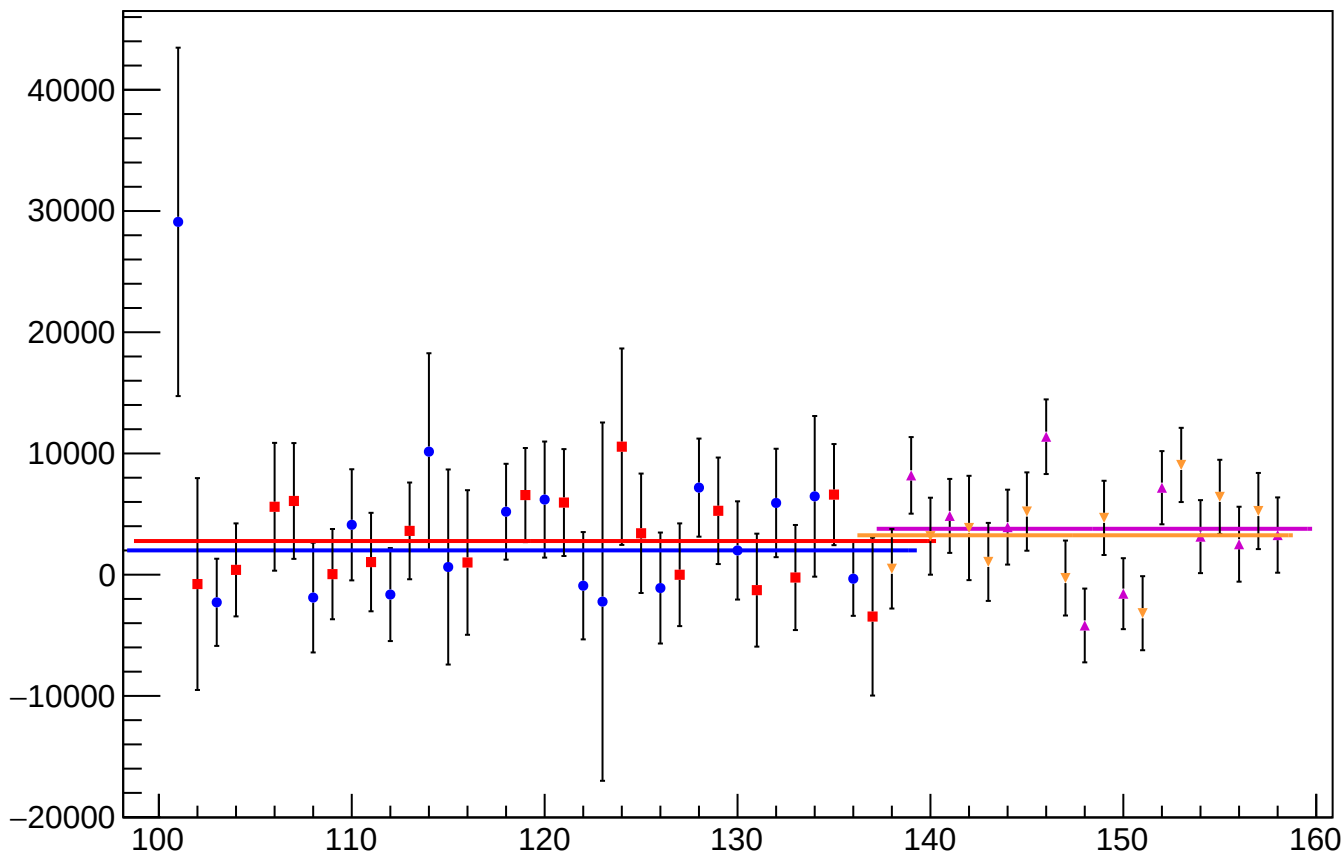
Right: 6289.173+/-1.236 χ^2/NDF : 1124633.0/34

In: 7579.862+/-1.450 χ^2/NDF : 2407839.9/26

Out: 7358.002+/-1.398 χ^2/NDF : 2405014.8/28

All: 7464.908+/-1.006 χ^2/NDF : 4824990.9/55

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2004.589+/-1125.432 χ^2/NDF : 13.7/16

Left Out: 3250.863+/-965.933 χ^2/NDF :12.6/10

Right Out: 2776.042+/-1086.812 χ^2/NDF : 8.3/17

Left In: 3785.506+/-966.354 χ^2/NDF :19.9/9

Left: 3518.068+/-683.166 χ^2/NDF : 32.6/20

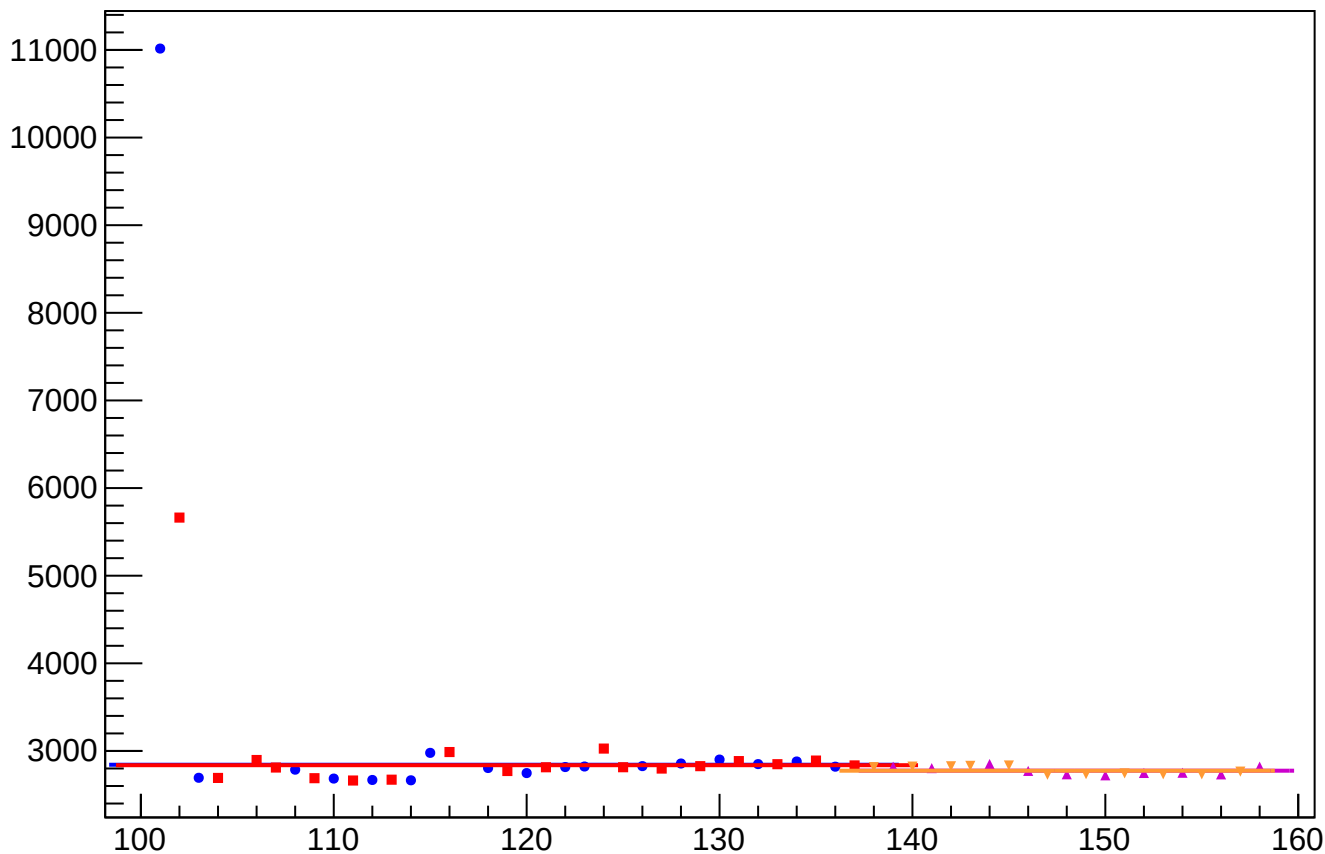
Right: 2403.779+/-781.789 χ^2/NDF : 22.3/34

In: 3029.706+/-733.164 χ^2/NDF :35.0/26

Out: 3041.316+/-721.987 χ^2/NDF :21.0/28

All: 3035.600+/-514.428 χ^2/NDF : 56.0/55

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2842.628 $\pm$ 0.796 χ^2 /NDF: 660305.1/16

Left Out: 2774.531 $\pm$ 0.683 χ^2 /NDF: 4053.5/10

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: 2774.588 $\pm$ 0.483 χ^2 /NDF: 7983.5/20

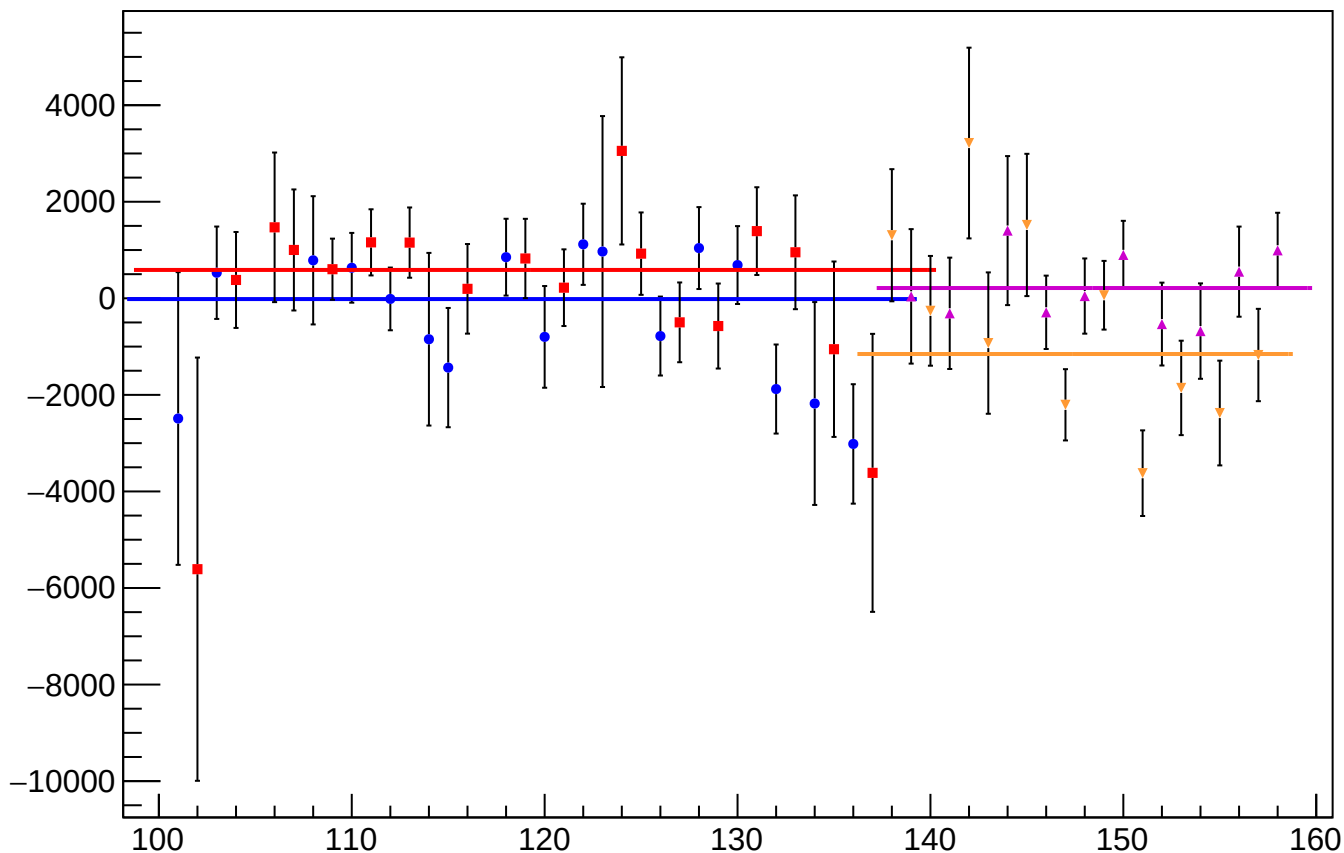
Right: 2839.943 $\pm$ 0.553 χ^2 /NDF: 886749.0/34

In: 2803.496 $\pm$ 0.518 χ^2 /NDF: 668435.9/26

Out: 2802.293 $\pm$ 0.511 χ^2 /NDF: 234219.1/28

All: 2802.885 $\pm$ 0.364 χ^2 /NDF: 902657.7/55

asym_atr1_correction_mean vs Slug, Sign Corrected



Right In: -15.631 $\pm$ 238.862 χ^2/NDF : 21.6/16

Left Out: -1153.522 $\pm$ 307.673 χ^2/NDF : 26.6/10

Right Out: 587.609 $\pm$ 225.811 χ^2/NDF : 13.3/17

Left In: 213.147 $\pm$ 285.615 χ^2/NDF : 5.0/9

Left: -419.445 $\pm$ 209.324 χ^2/NDF : 42.1/20

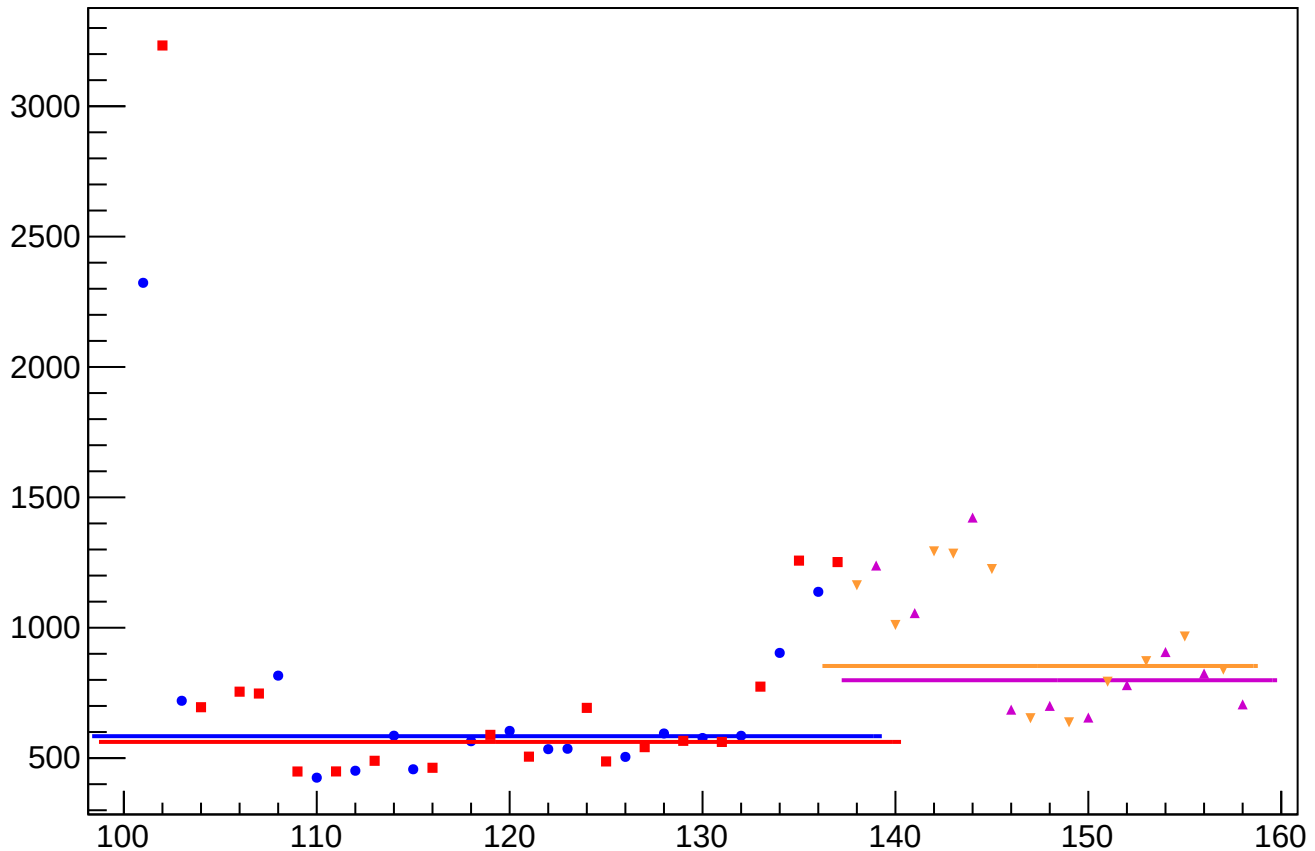
Right: 302.919 $\pm$ 164.093 χ^2/NDF : 38.3/34

In: 78.526 $\pm$ 183.231 χ^2/NDF : 26.9/26

Out: -21.931 $\pm$ 182.043 χ^2/NDF : 60.7/28

All: 27.971 $\pm$ 129.142 χ^2/NDF : 87.8/55

asym_atr1_correction_rms vs Slug, Sign Corrected



Right In: 584.055+/-0.169 χ^2/NDF : 1436613.4/16

Left Out: 853.314+/-0.218 χ^2/NDF : 904098.9/10

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: 823.947+/-0.148 χ^2/NDF : 1777017.1/20

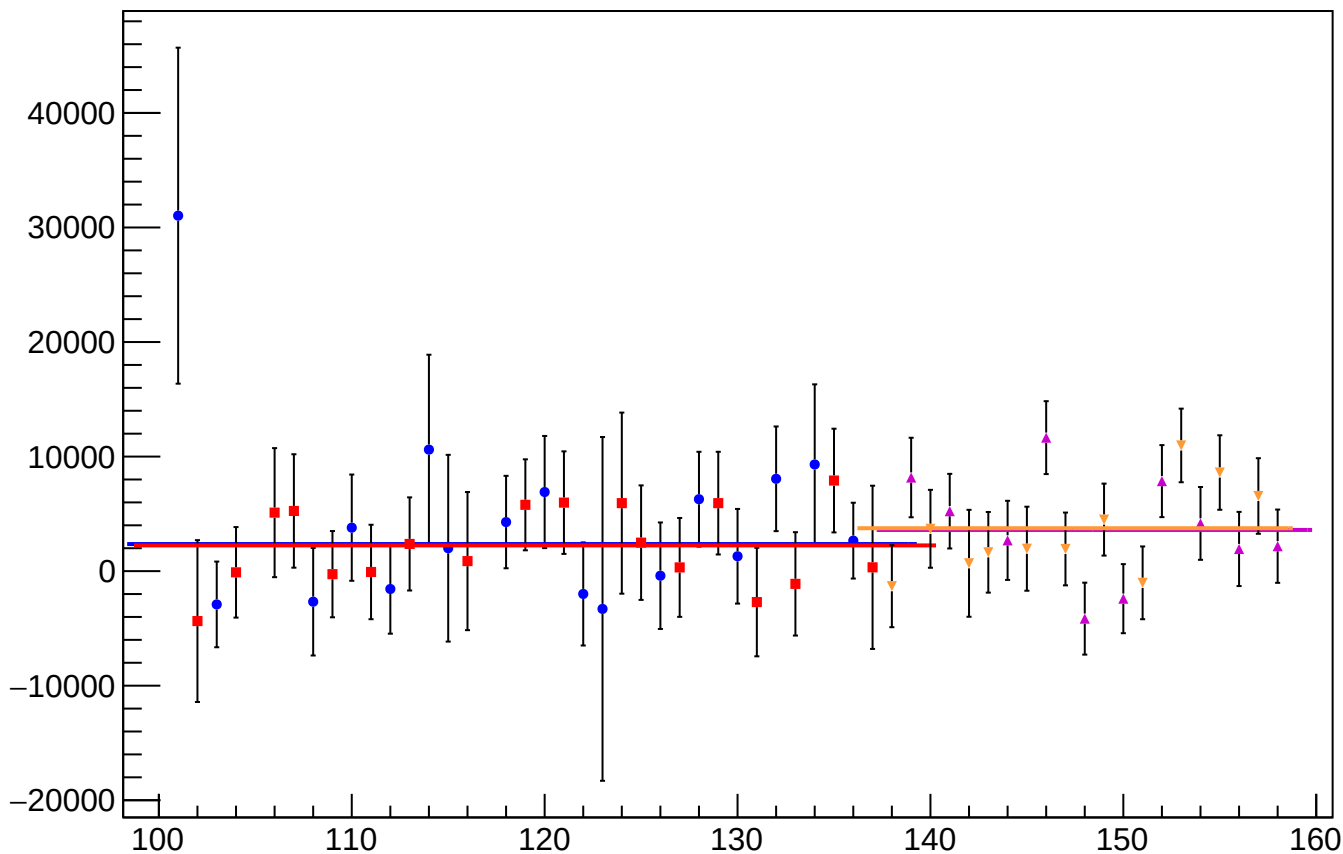
Right: 572.473+/-0.116 χ^2/NDF : 2970817.1/34

In: 672.370+/-0.130 χ^2/NDF : 2939910.0/26

Out: 664.063+/-0.129 χ^2/NDF : 3593709.9/28

All: 668.189+/-0.091 χ^2/NDF : 6535688.4/55

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2362.798 $\pm$ 1159.943 χ^2 /NDF: 15.1/16

Left Out: 3746.227 $\pm$ 1026.866 χ^2 /NDF:13.7/10

Right Out: 2245.410 $\pm$ 1111.935 χ^2 /NDF: 8.5/17

Left In: 3595.105 $\pm$ 1018.199 χ^2 /NDF:20.8/9

Left: 3670.026 $\pm$ 723.020 χ^2 /NDF: 34.5/20

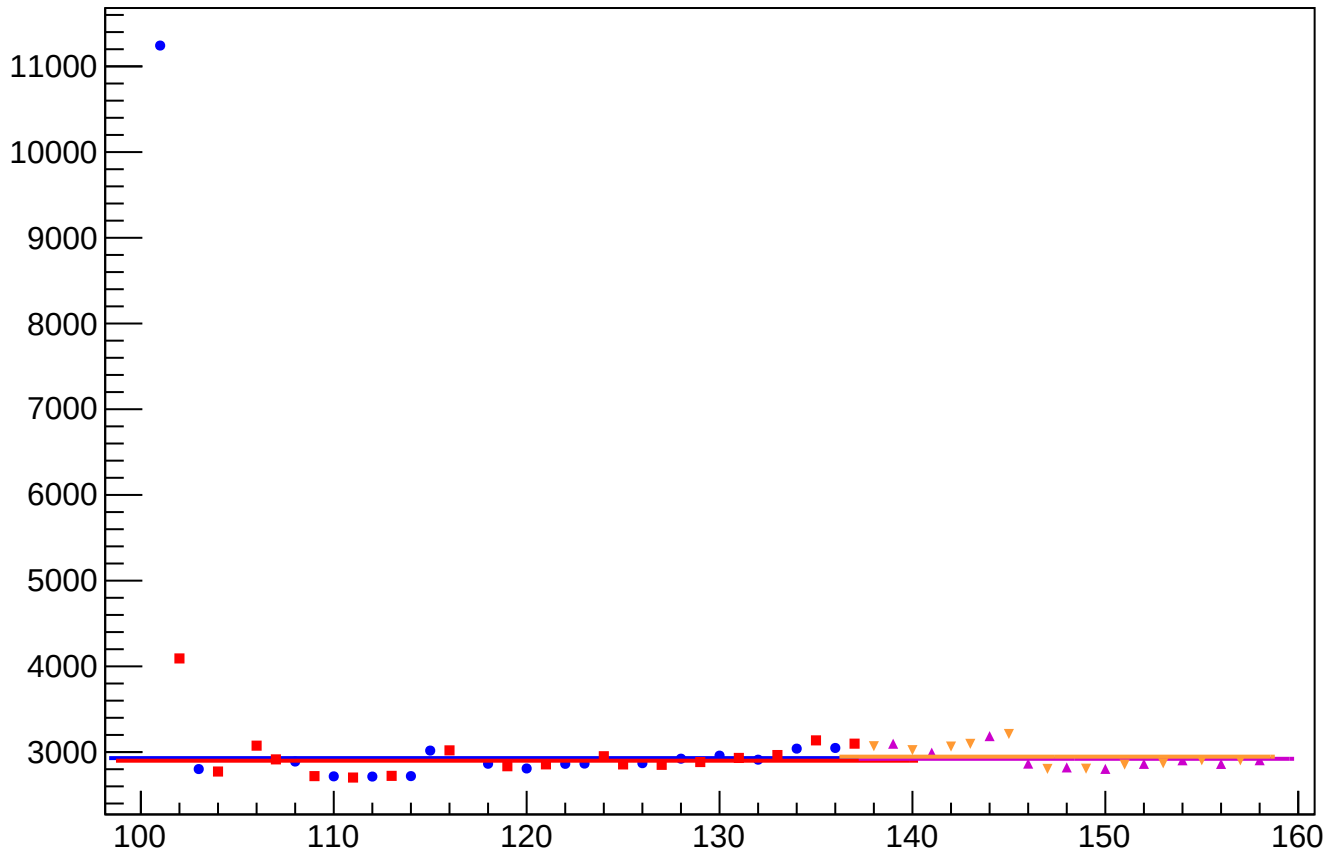
Right: 2301.625 $\pm$ 802.692 χ^2 /NDF: 23.6/34

In: 3058.806 $\pm$ 765.210 χ^2 /NDF:36.6/26

Out: 3055.418 $\pm$ 754.387 χ^2 /NDF:23.2/28

All: 3057.088 $\pm$ 537.218 χ^2 /NDF: 59.8/55

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2929.654+/-0.820 χ^2/NDF : 662629.0/16

Left Out: 2946.624+/-0.726 χ^2/NDF : 30206.0/10

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: 2933.973+/-0.511 χ^2/NDF : 55864.1/20

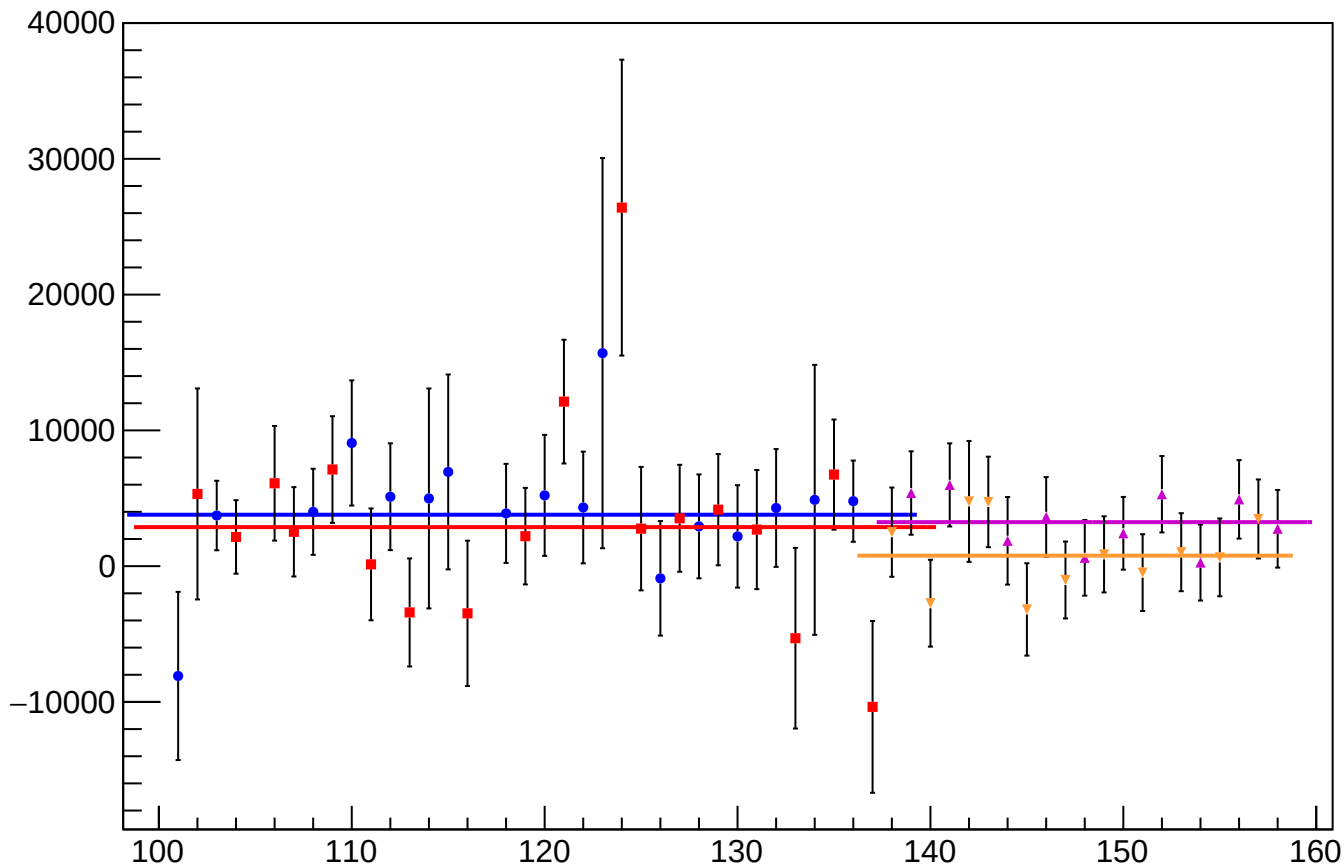
Right: 2913.904+/-0.568 χ^2/NDF : 746879.7/34

In: 2925.068+/-0.541 χ^2/NDF : 687740.4/26

Out: 2924.901+/-0.533 χ^2/NDF : 115693.5/28

All: 2924.984+/-0.380 χ^2/NDF : 803434.0/55

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 3787.840+/-1008.120 χ^2/NDF : 7.7/16

Left Out: 773.973+/-930.249 χ^2/NDF : 6.5/10

Right Out: 2874.691+/-1004.077 χ^2/NDF : 22.0/17

Left In: 3241.117+/-916.893 χ^2/NDF : 4.5/9

Left: 2025.383+/-653.012 χ^2/NDF : 14.6/20

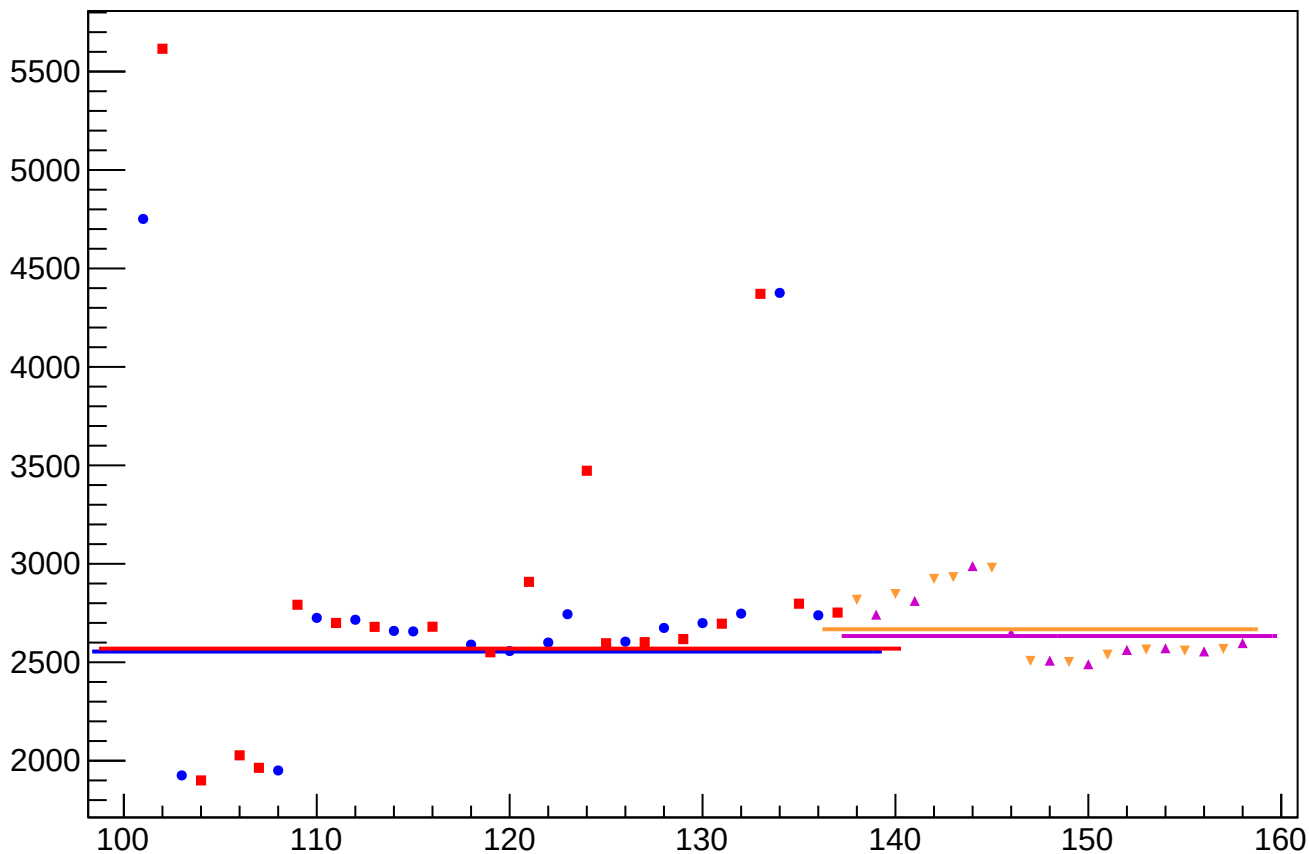
Right: 3329.431+/-711.415 χ^2/NDF : 30.2/34

In: 3488.628+/-678.305 χ^2/NDF : 12.4/26

Out: 1744.270+/-682.394 χ^2/NDF : 30.9/28

All: 2621.691+/-481.073 χ^2/NDF : 46.6/55

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2554.537 $\pm$ 0.713 χ^2 /NDF: 536626.0/16

Left Out: 2667.734 $\pm$ 0.658 χ^2 /NDF: 71902.1/10

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: 2650.267 $\pm$ 0.462 χ^2 /NDF: 120696.9/20

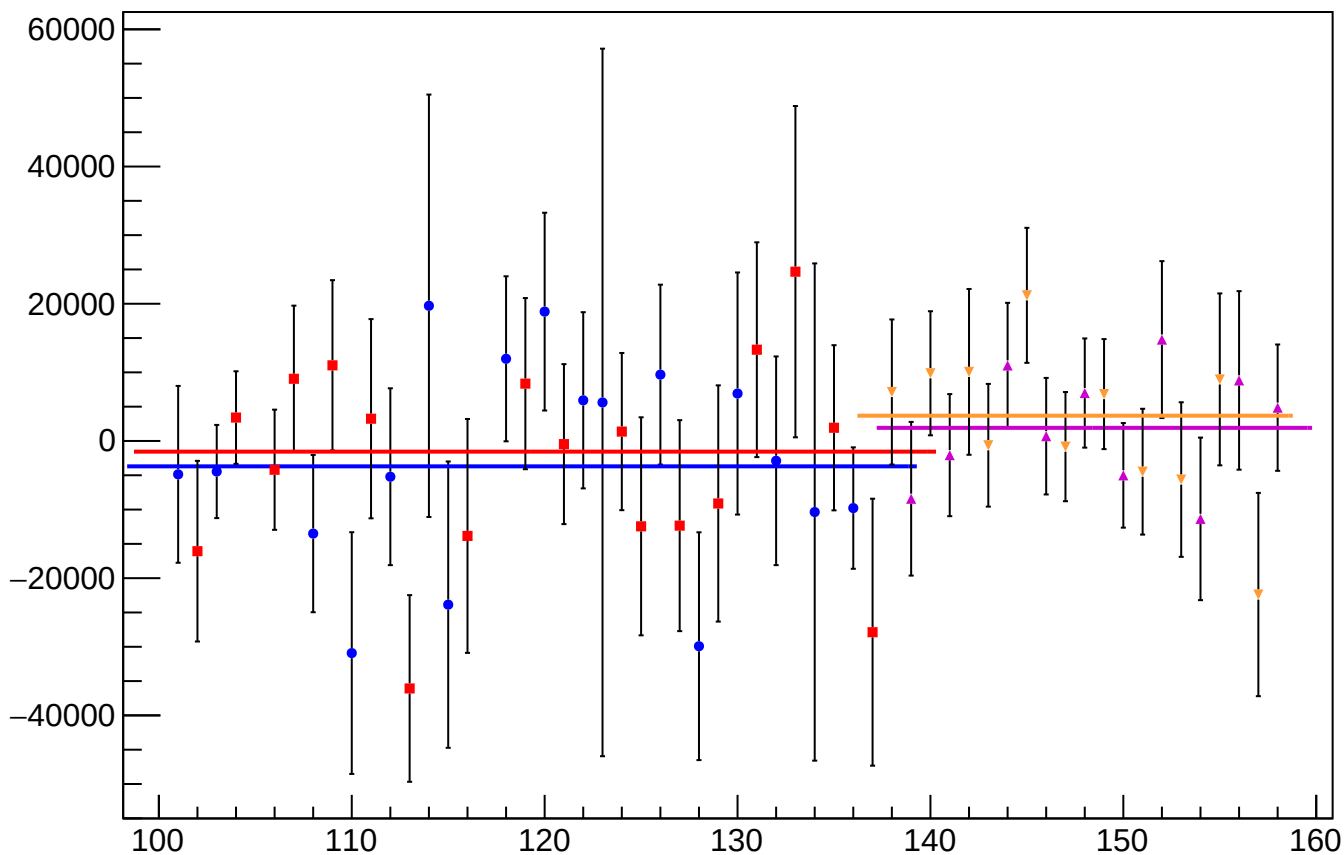
Right: 2561.929 $\pm$ 0.503 χ^2 /NDF: 1260172.2/34

In: 2597.641 $\pm$ 0.480 χ^2 /NDF: 590711.5/26

Out: 2622.228 $\pm$ 0.482 χ^2 /NDF: 805591.2/28

All: 2609.863 $\pm$ 0.340 χ^2 /NDF: 1397609.0/55

asym_atr2_correction_mean vs Slug, Sign Corrected



Right In: -3699.522+/-3217.843 χ^2/NDF : 13.8/16

Left Out: 3681.939+/-2976.318 χ^2/NDF : 9.5/10

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: 2800.426+/-2109.054 χ^2/NDF : 15.9/20

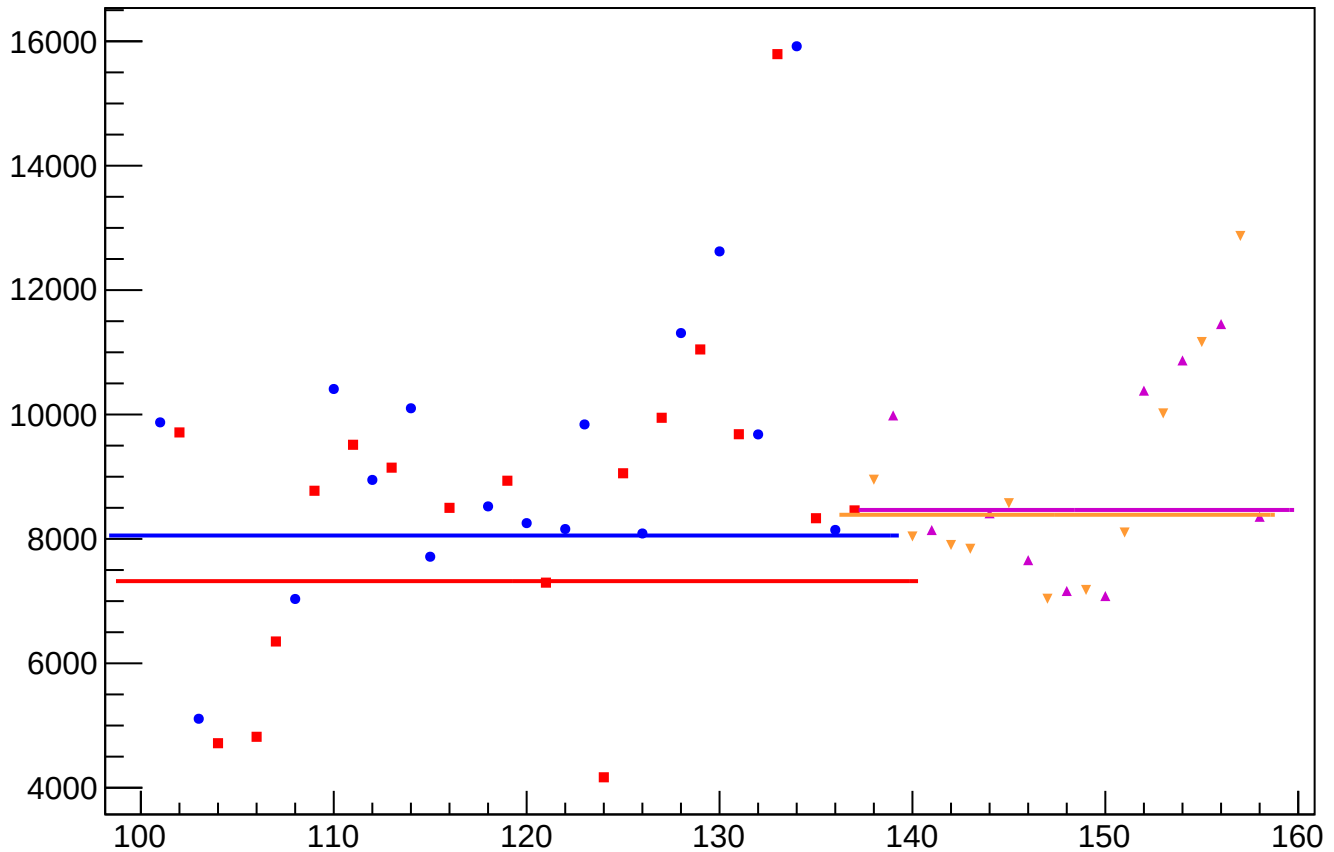
Right: -2520.832+/-2159.052 χ^2/NDF : 30.8/34

In: -687.511+/-2189.990 χ^2/NDF : 21.6/26

Out: 1005.704+/-2081.378 χ^2/NDF : 27.9/28

All: 202.123+/-1508.693 χ^2/NDF : 49.8/55

asym_atr2_correction_rms vs Slug, Sign Corrected



Right In: 8054.772+/-2.275 χ^2/NDF : 820763.4/16

Left Out: 8388.104+/-2.105 χ^2/NDF : 448095.4/10

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: 8426.736+/-1.491 χ^2/NDF : 870221.9/20

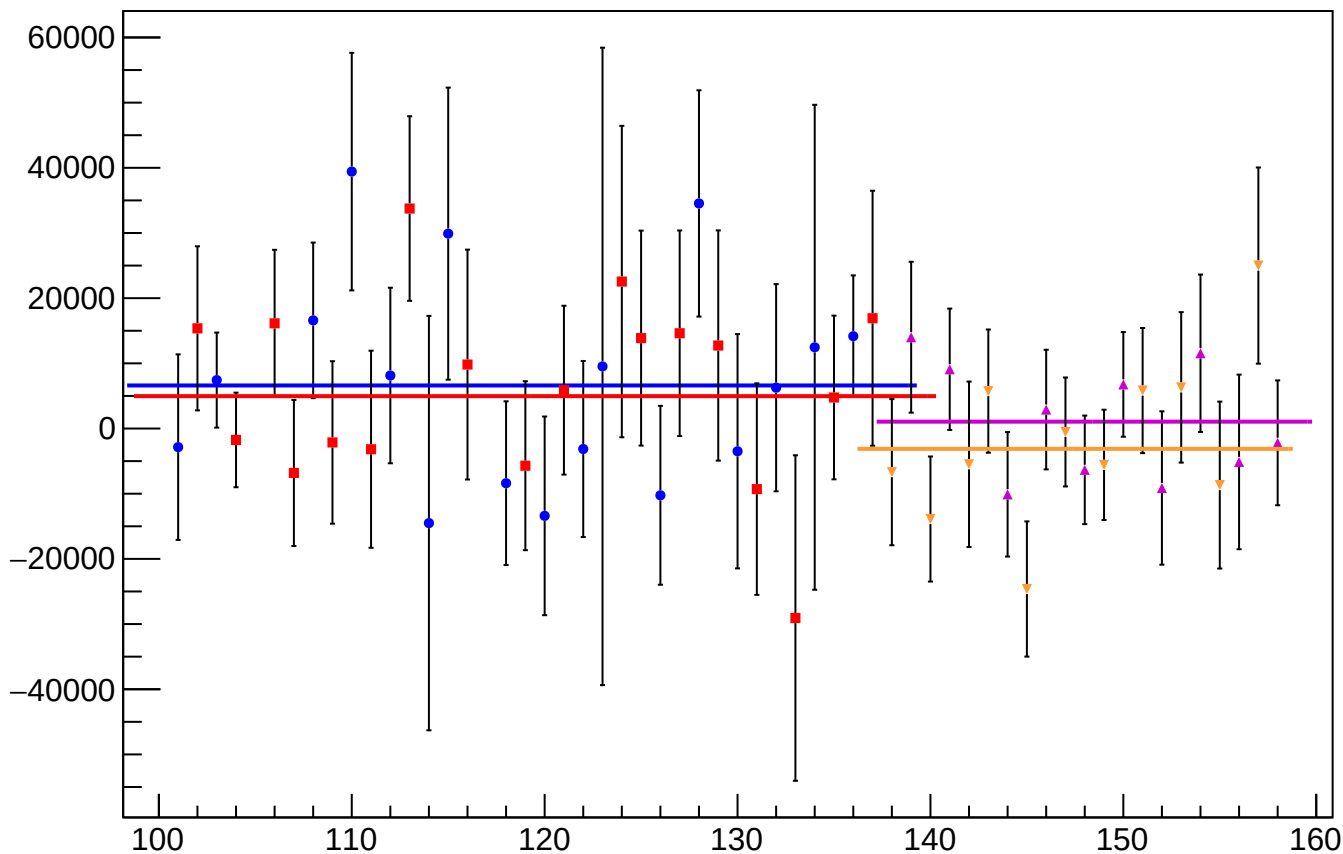
Right: 7651.572+/-1.527 χ^2/NDF : 2213832.0/34

In: 8275.363+/-1.549 χ^2/NDF : 1259721.7/26

Out: 7843.074+/-1.472 χ^2/NDF : 1915309.5/28

All: 8048.233+/-1.067 χ^2/NDF : 3215975.6/55

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6607.332+/-3395.867 χ^2/NDF : 14.7/16

Left Out: -3117.355+/-3120.921 χ^2/NDF : 12.0/10

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: -1035.190+/-2208.599 χ^2/NDF : 19.4/20

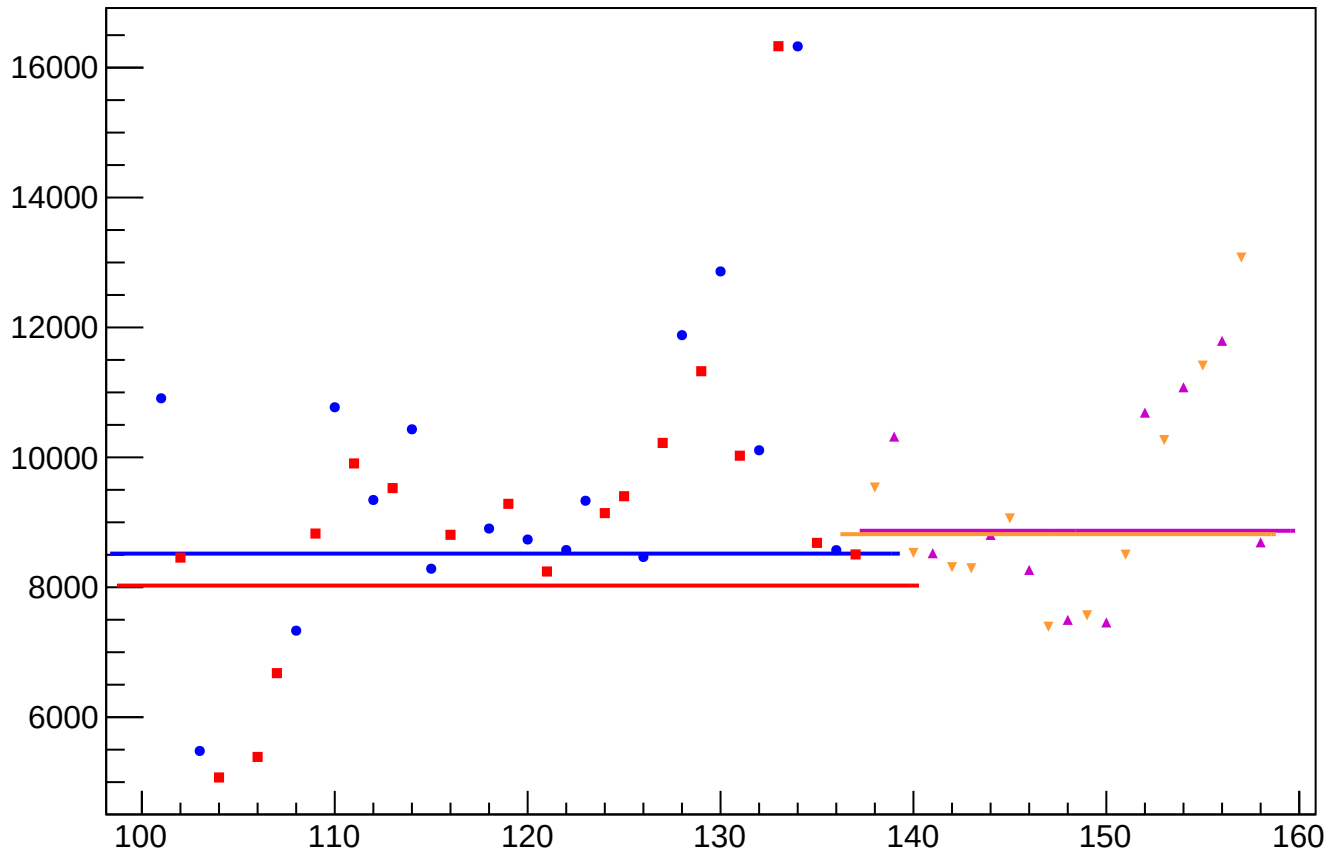
Right: 5732.997+/-2319.944 χ^2/NDF : 28.4/34

In: 3601.049+/-2299.890 χ^2/NDF : 22.7/26

Out: 853.406+/-2226.340 χ^2/NDF : 28.8/28

All: 2182.591+/-1599.630 χ^2/NDF : 52.2/55

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8518.273 $\pm$ 2.401 χ^2/NDF : 771995.0/16

Left Out: 8817.702 $\pm$ 2.207 χ^2/NDF : 398184.5/10

Right Out: 8026.045 $\pm$ 2.246 χ^2/NDF : 942657.8/17

Left In: 8869.731 $\pm$ 2.210 χ^2/NDF : 369640.2/9

Left: 8843.675 $\pm$ 1.562 χ^2/NDF : 768102.2/20

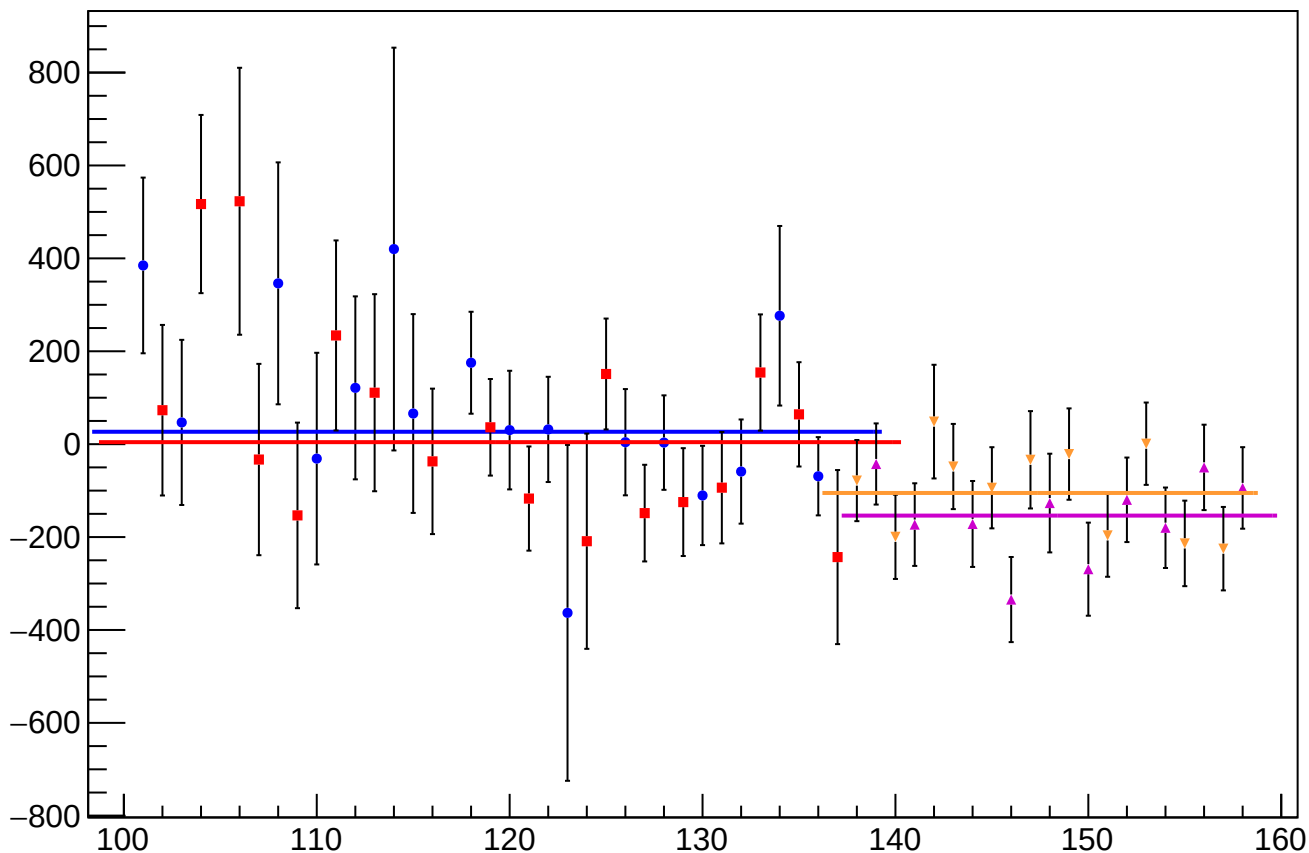
Right: 8255.767 $\pm$ 1.640 χ^2/NDF : 1737062.4/34

In: 8708.523 $\pm$ 1.626 χ^2/NDF : 1153231.8/26

Out: 8428.891 $\pm$ 1.574 χ^2/NDF : 1404045.6/28

All: 8564.162 $\pm$ 1.131 χ^2/NDF : 2572540.9/55

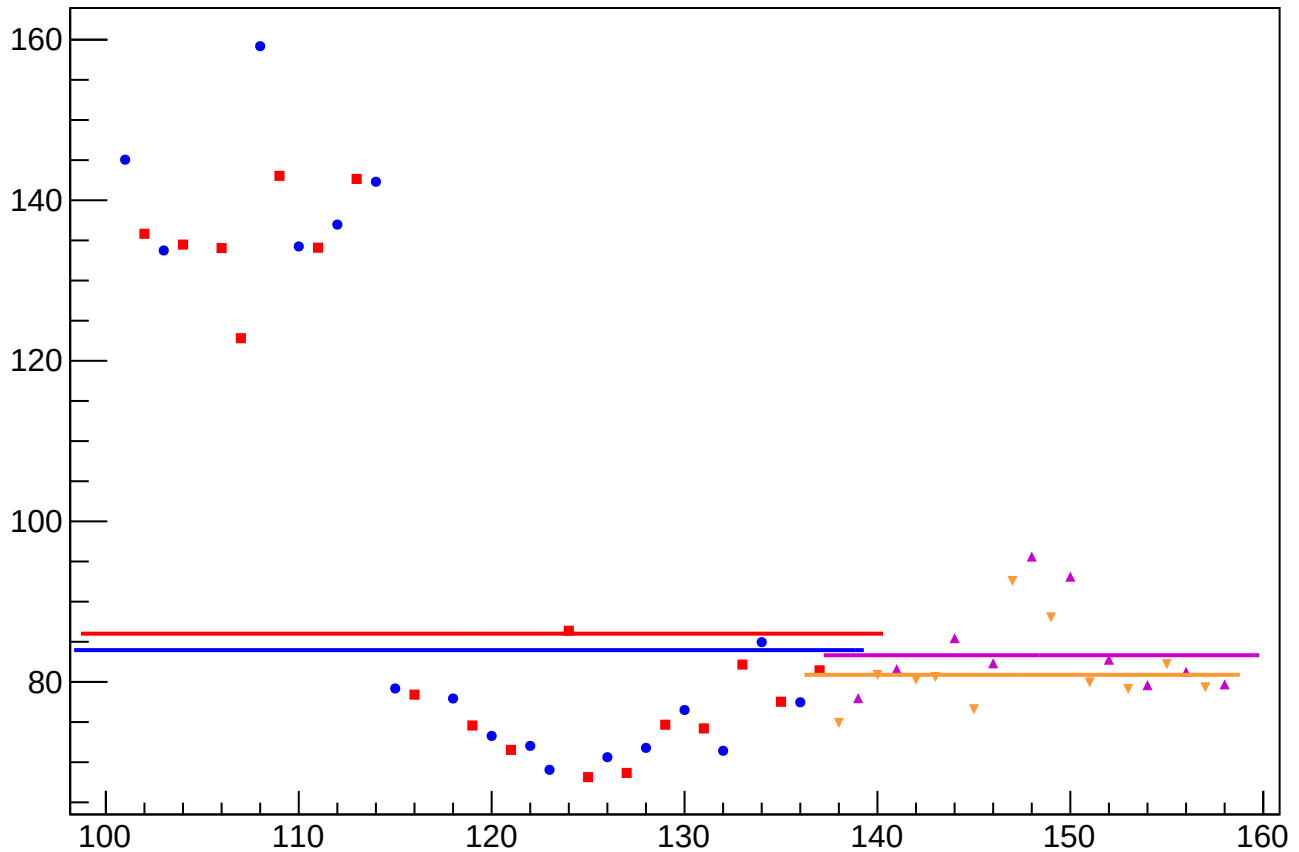
dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 26.713 ± 33.626 $\chi^2/\text{NDF}: 14.5/16$
 Left Out: -105.042 ± 28.184 $\chi^2/\text{NDF}: 10.0/10$
 Right Out: 4.338 ± 33.842 $\chi^2/\text{NDF}: 23.9/17$
 Left In: -153.775 ± 29.063 $\chi^2/\text{NDF}: 8.9/9$

Left: -128.661 ± 20.233 $\chi^2/\text{NDF}: 20.4/20$
 Right: 15.597 ± 23.853 $\chi^2/\text{NDF}: 38.7/34$
 In: -76.599 ± 21.989 $\chi^2/\text{NDF}: 40.0/26$
 Out: -60.247 ± 21.657 $\chi^2/\text{NDF}: 40.1/28$
 All: -68.299 ± 15.430 $\chi^2/\text{NDF}: 80.3/55$

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.961+/-0.024 χ^2/NDF : 960253.6/16

Left Out: 80.883+/-0.020 χ^2/NDF : 51835.2/10

Right Out: 86.012+/-0.024 χ^2/NDF : 1026404.0/17

Left In: 83.323+/-0.021 χ^2/NDF : 63581.5/9

Left: 82.066+/-0.014 χ^2/NDF : 122676.5/20

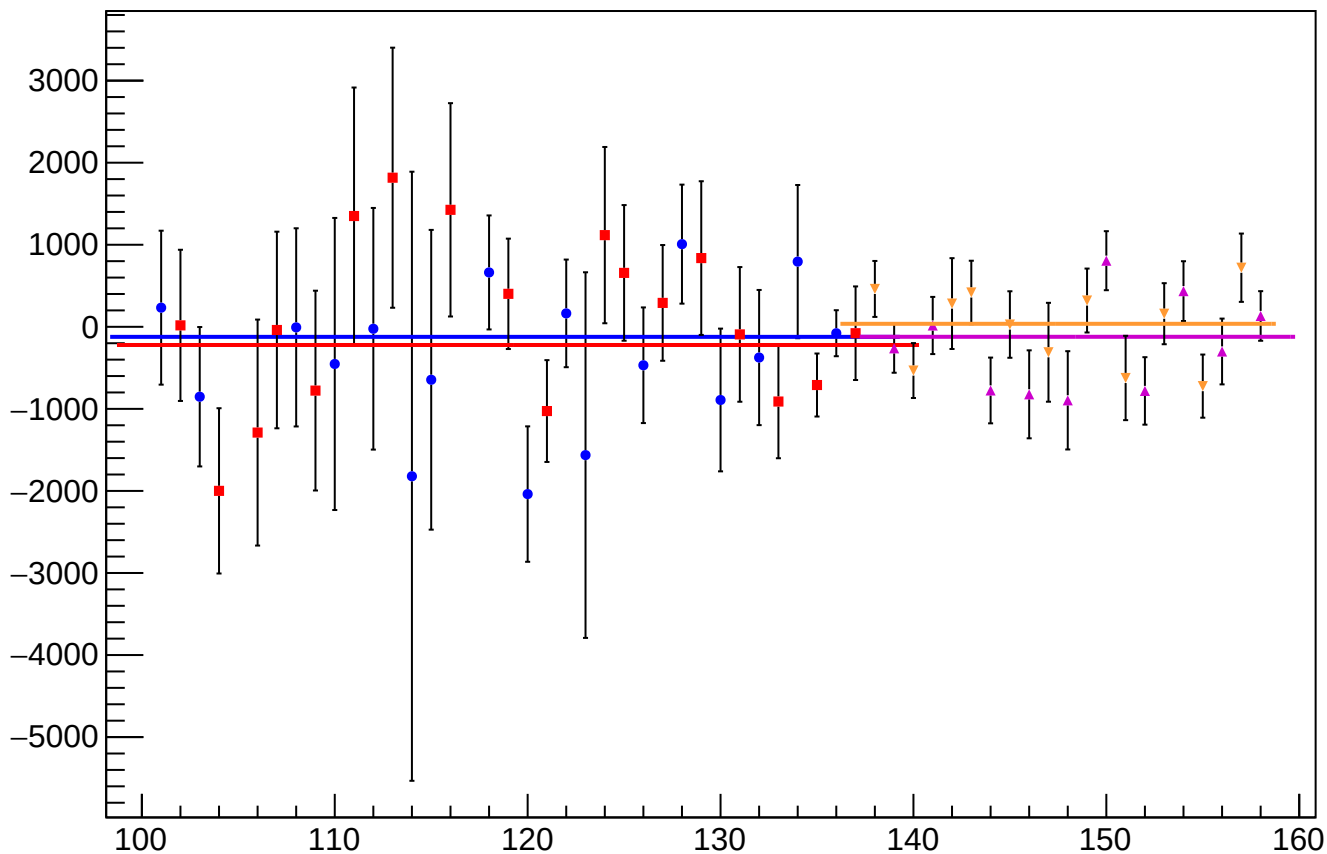
Right: 84.980+/-0.017 χ^2/NDF : 1990355.7/34

In: 83.595+/-0.016 χ^2/NDF : 1024247.2/26

Out: 82.984+/-0.015 χ^2/NDF : 1105360.7/28

All: 83.285+/-0.011 χ^2/NDF : 2130393.3/55

asym_sam1_correction_mean vs Slug, Sign Corrected



Right In: -122.410 ± 179.587 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 36.589 ± 122.657 $\chi^2/\text{NDF}: 14.8/10$

Right Out: -221.525 ± 185.098 $\chi^2/\text{NDF}: 18.0/17$

Left In: -121.659 ± 119.199 $\chi^2/\text{NDF}: 18.9/9$

Left: -44.797 ± 85.483 $\chi^2/\text{NDF}: 34.6/20$

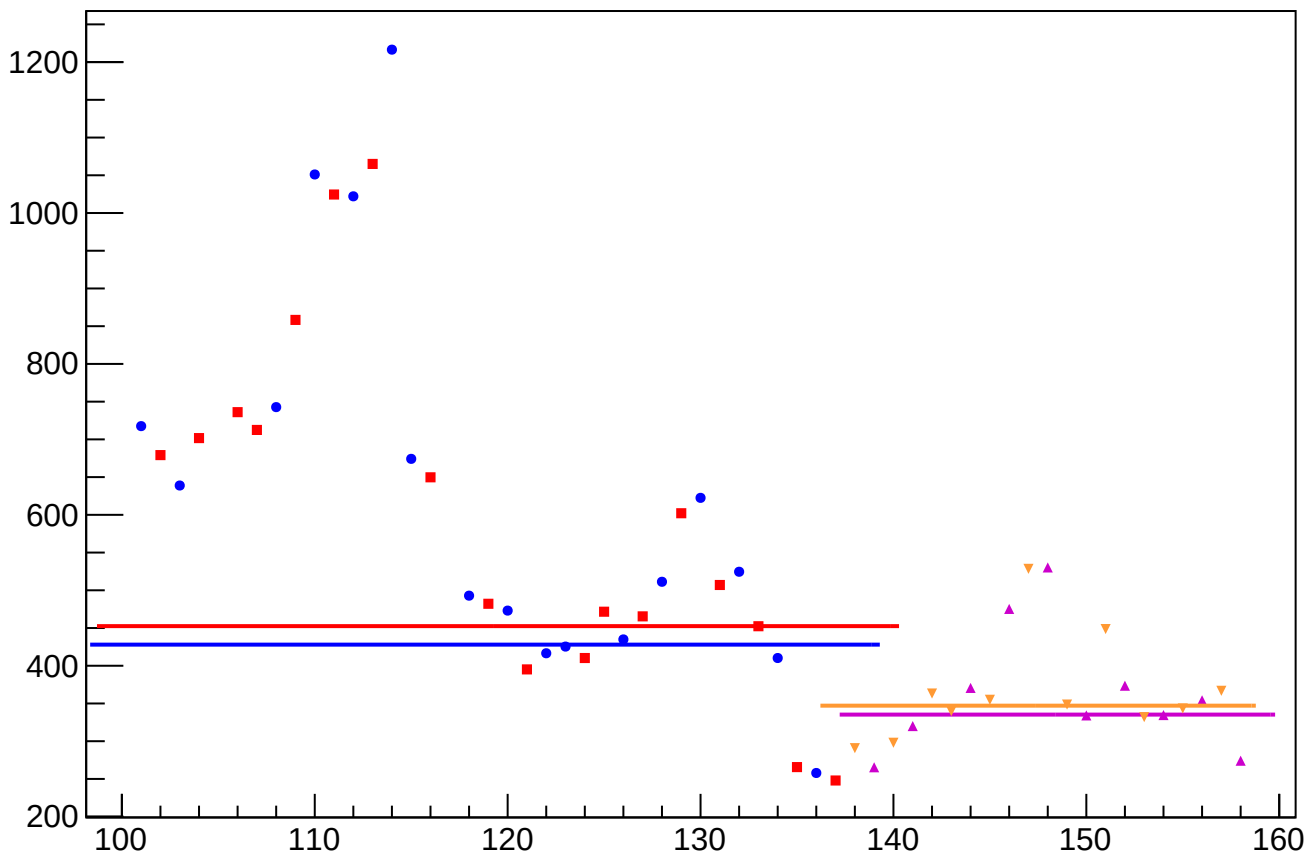
Right: -170.470 ± 128.892 $\chi^2/\text{NDF}: 31.2/34$

In: -121.889 ± 99.313 $\chi^2/\text{NDF}: 31.9/26$

Out: -42.169 ± 102.246 $\chi^2/\text{NDF}: 34.2/28$

All: -83.188 ± 71.239 $\chi^2/\text{NDF}: 66.4/55$

asym_sam1_correction_rms vs Slug, Sign Corrected



Right In: 427.986+/-0.127 χ^2/NDF : 2062245.9/16

Left Out: 347.102+/-0.087 χ^2/NDF :368101.2/10

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: 341.010+/-0.060 χ^2/NDF : 959379.2/20

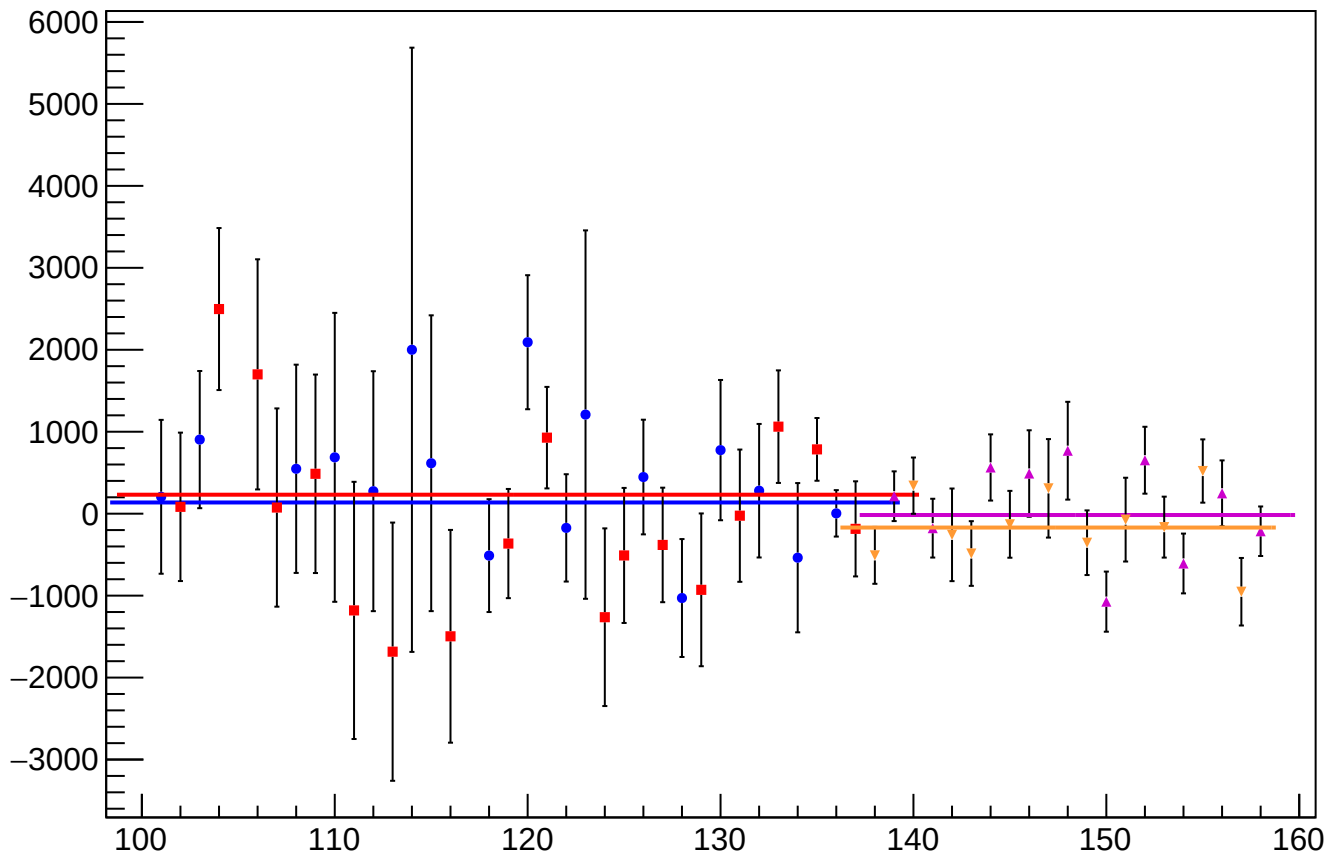
Right: 439.876+/-0.091 χ^2/NDF : 4153360.2/34

In: 363.615+/-0.070 χ^2/NDF :3014083.0/26

Out: 379.264+/-0.072 χ^2/NDF :2891803.5/28

All: 371.212+/-0.050 χ^2/NDF : 5929993.1/55

asym_sam1_mean vs Slug, Sign Corrected



Right In: 136.810 $\pm$ 179.609 χ^2 /NDF: 12.6/16

Left Out: -169.207 $\pm$ 123.831 χ^2 /NDF: 11.5/10

Right Out: 231.586 $\pm$ 184.578 χ^2 /NDF: 21.8/17

Left In: -16.175 $\pm$ 120.150 χ^2 /NDF: 20.0/9

Left: -90.382 $\pm$ 86.231 χ^2 /NDF: 32.3/20

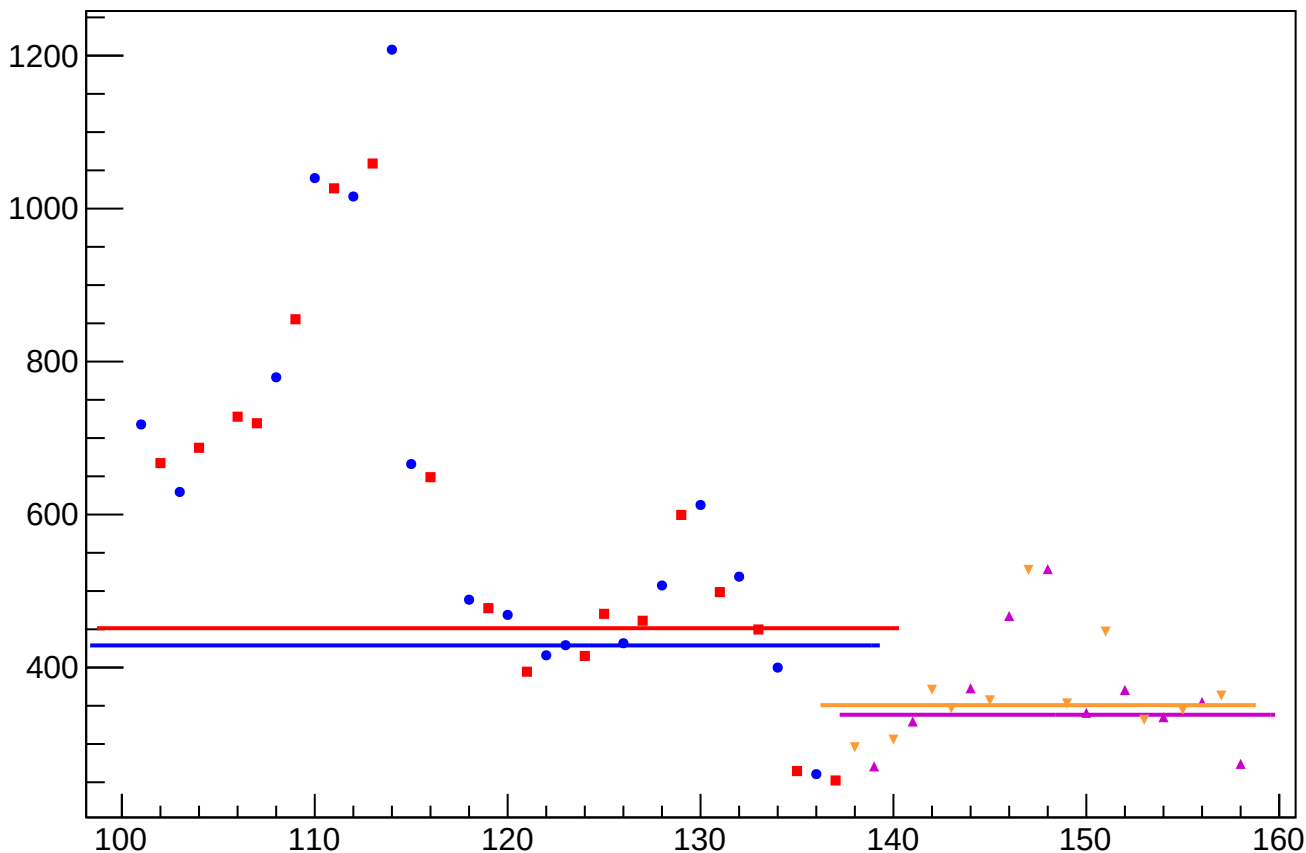
Right: 182.905 $\pm$ 128.724 χ^2 /NDF: 34.5/34

In: 31.121 $\pm$ 99.865 χ^2 /NDF: 33.1/26

Out: -44.806 $\pm$ 102.833 χ^2 /NDF: 36.6/28

All: -5.731 $\pm$ 71.642 χ^2 /NDF: 69.9/55

asym_sam1_rms vs Slug, Sign Corrected



Right In: 428.889 $\pm$ 0.127 χ^2 /NDF: 2010592.5/16

Left Out: 350.821 $\pm$ 0.088 χ^2 /NDF:339517.3/10

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: 344.342 $\pm$ 0.061 χ^2 /NDF: 895173.8/20

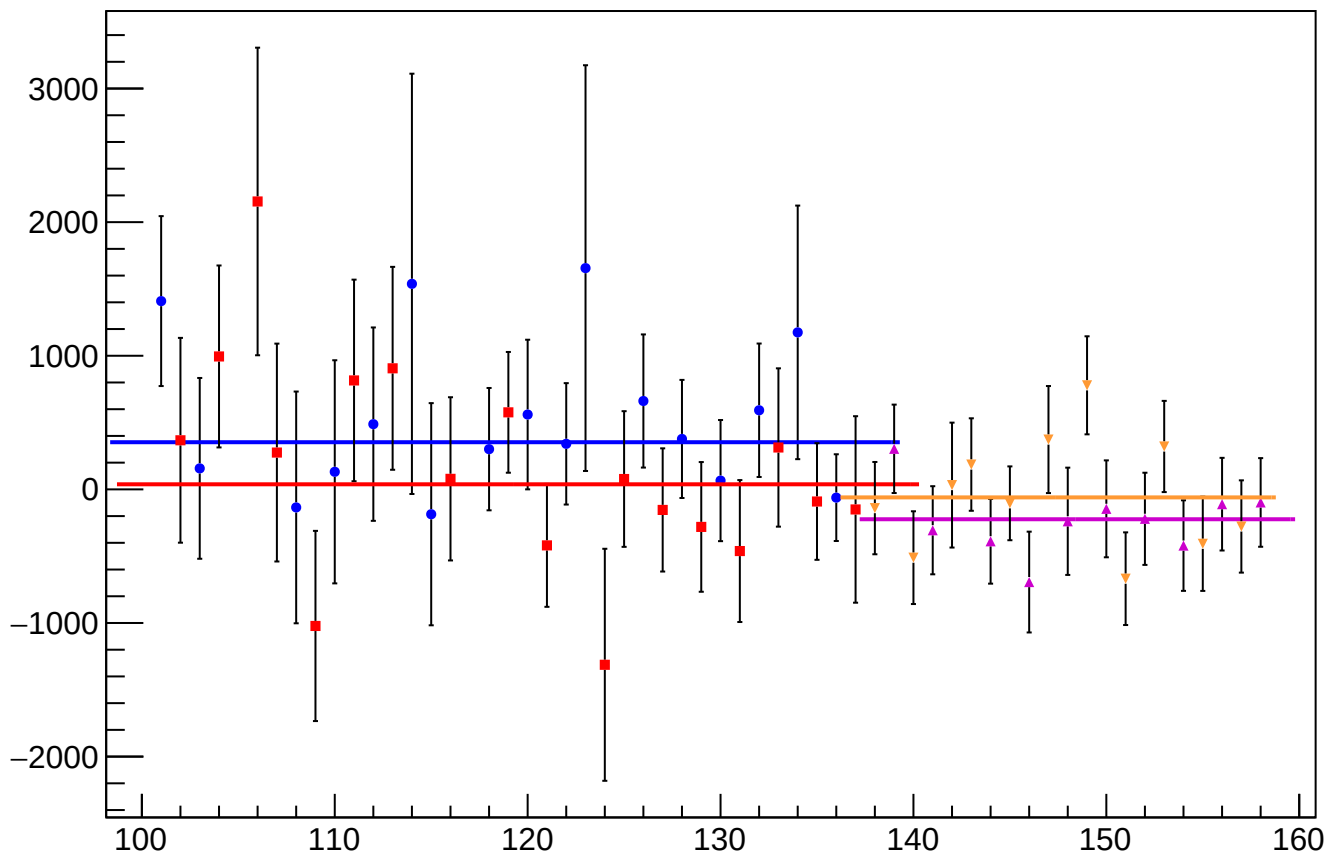
Right: 439.843 $\pm$ 0.091 χ^2 /NDF: 4056629.4/34

In: 366.267 $\pm$ 0.071 χ^2 /NDF:2907552.9/26

Out: 382.043 $\pm$ 0.073 χ^2 /NDF:2779885.3/28

All: 373.924 $\pm$ 0.051 χ^2 /NDF: 5711663.1/55

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 352.927 ± 137.298 χ^2/NDF : 8.5/16

Left Out: -60.060 ± 105.588 χ^2/NDF : 14.4/10

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: -138.987 ± 75.955 χ^2/NDF : 20.6/20

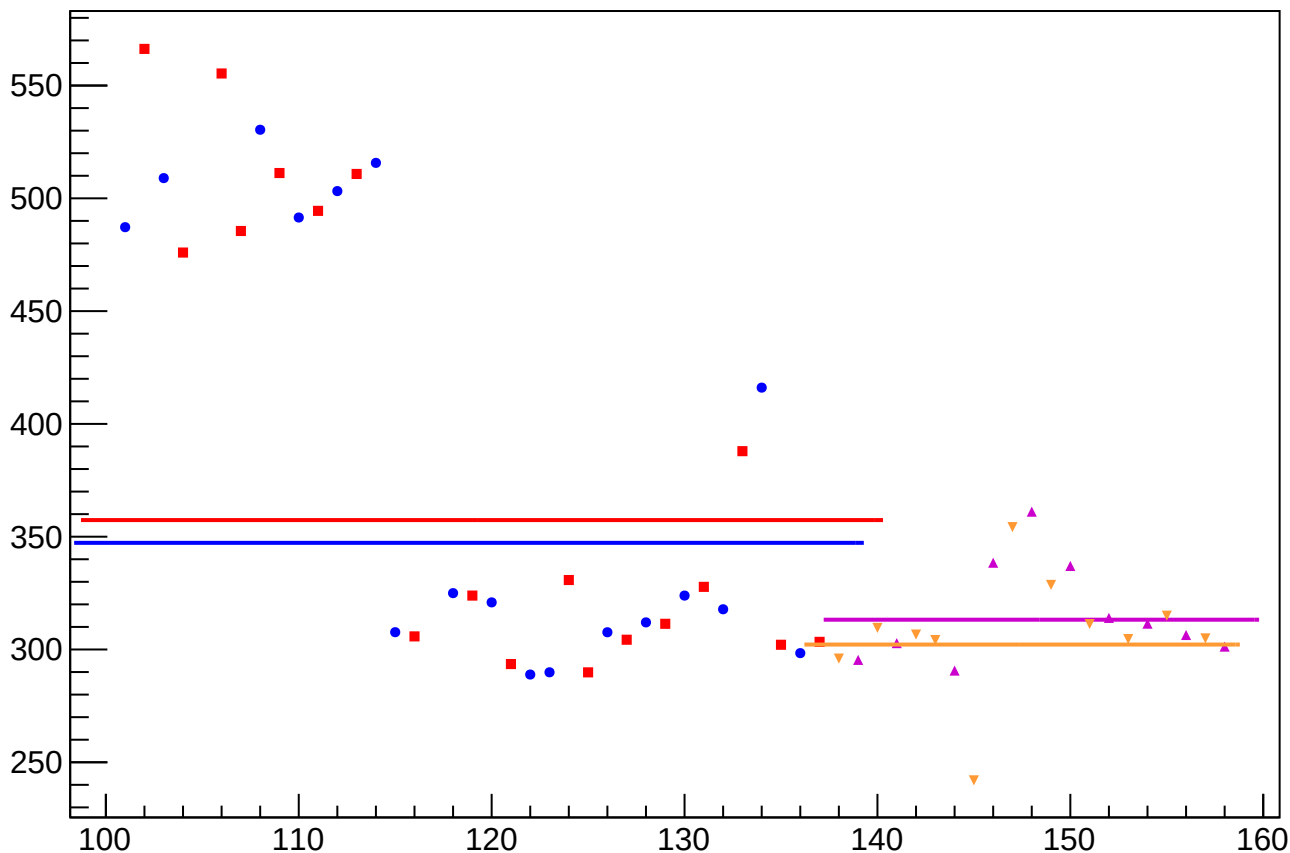
Right: 197.421 ± 97.689 χ^2/NDF : 28.1/34

In: 0.132 ± 85.533 χ^2/NDF : 24.4/26

Out: -24.195 ± 84.086 χ^2/NDF : 31.6/28

All: -12.239 ± 59.963 χ^2/NDF : 56.1/55

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 347.280+/-0.097 χ^2/NDF : 618906.8/16

Left Out: 302.190+/-0.075 χ^2/NDF :145176.3/10

Right Out: 357.365+/-0.098 χ^2/NDF : 759938.5/17

Left In: 313.204+/-0.077 χ^2/NDF :67391.2/9

Left: 307.505+/-0.054 χ^2/NDF : 223067.1/20

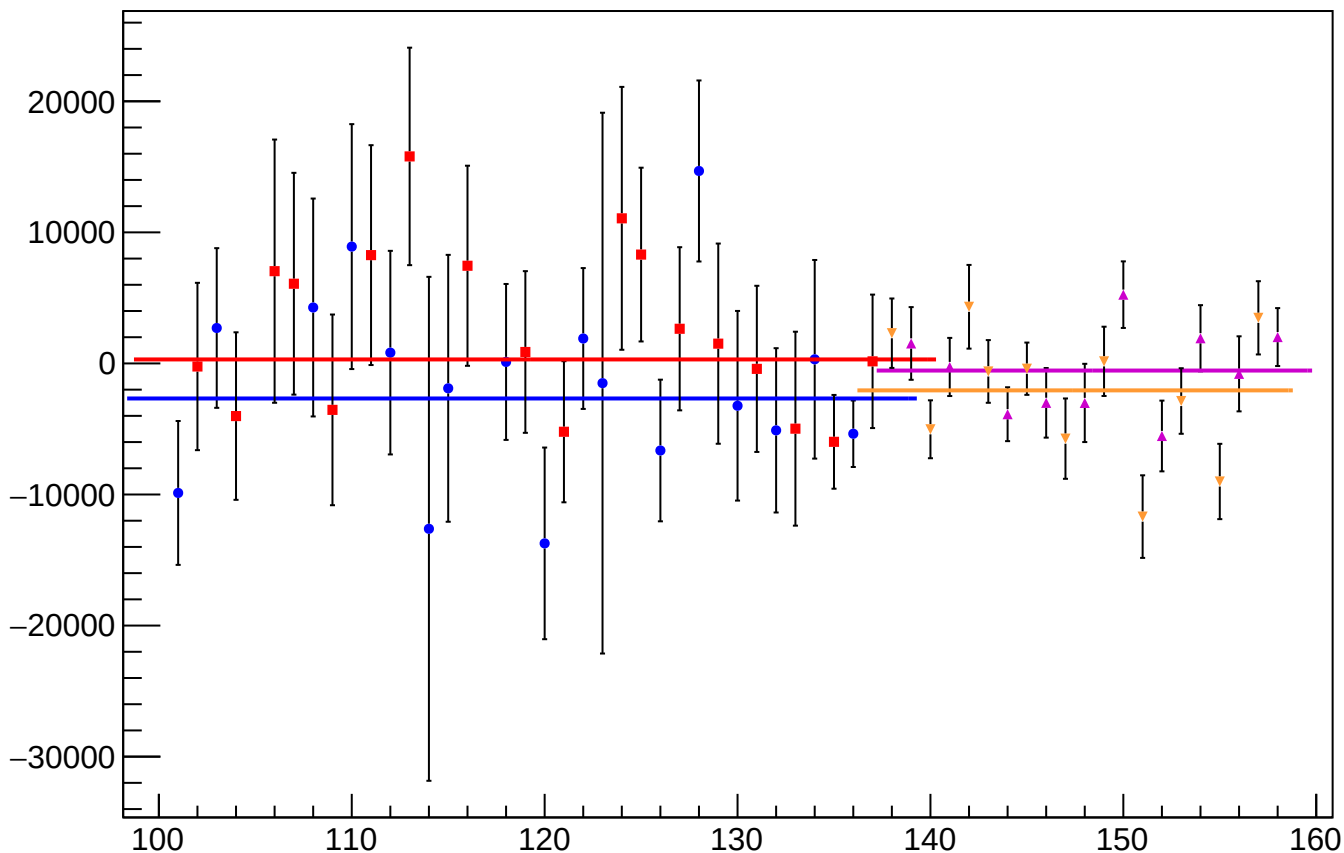
Right: 352.259+/-0.069 χ^2/NDF : 1384173.3/34

In: 326.429+/-0.060 χ^2/NDF :761680.7/26

Out: 322.374+/-0.059 χ^2/NDF :1104889.0/28

All: 324.367+/-0.042 χ^2/NDF : 1868854.9/55

asym_sam2_correction_mean vs Slug, Sign Corrected



Right In: -2674.025 $\pm$ 1456.188 χ^2 /NDF: 16.7/16

Left Out: -2055.912 $\pm$ 783.000 χ^2 /NDF:30.9/10

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: -1306.706 $\pm$ 556.299 χ^2 /NDF: 48.4/20

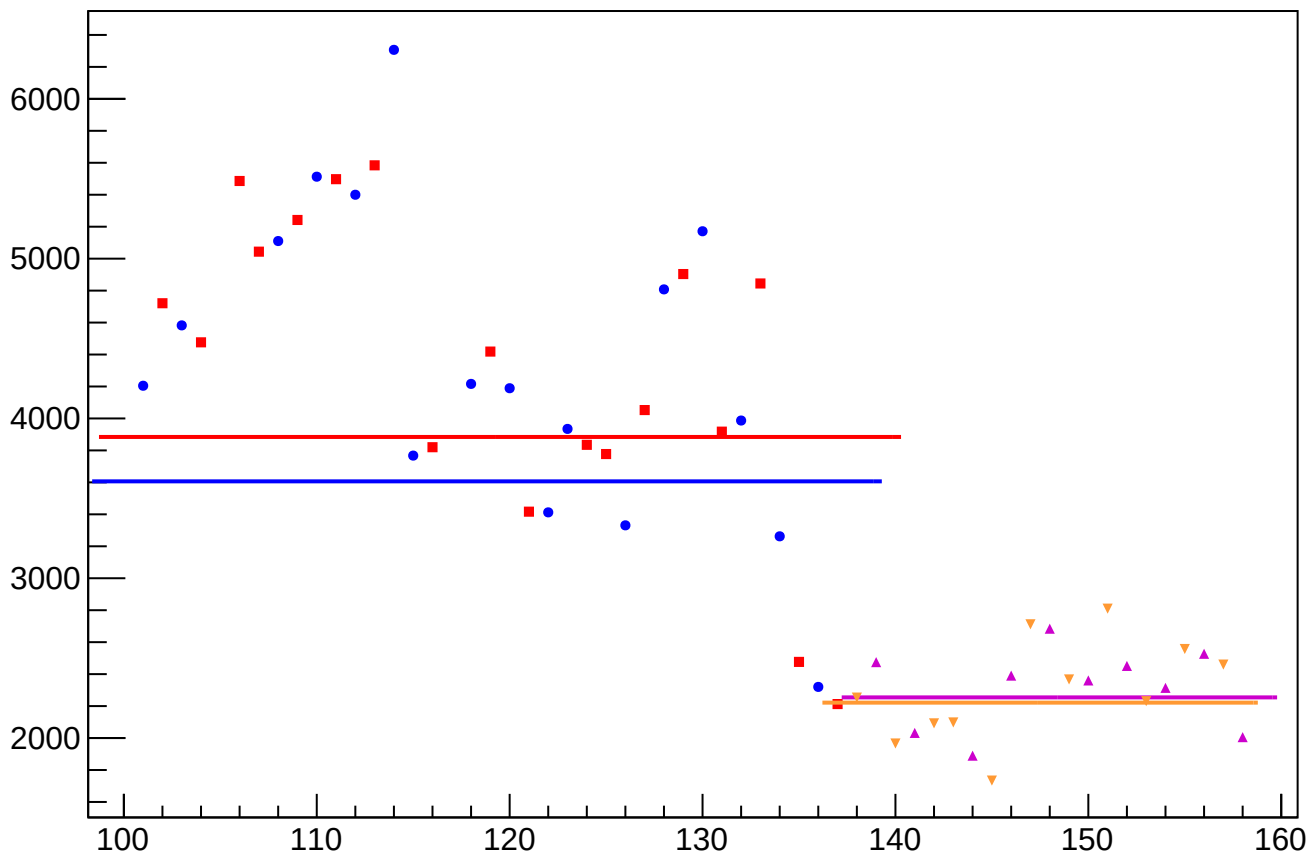
Right: -1246.323 $\pm$ 1050.798 χ^2 /NDF: 33.1/34

In: -1028.114 $\pm$ 694.738 χ^2 /NDF:34.1/26

Out: -1559.723 $\pm$ 695.865 χ^2 /NDF:47.2/28

All: -1293.488 $\pm$ 491.652 χ^2 /NDF: 81.6/55

asym_sam2_correction_rms vs Slug, Sign Corrected



Right In: 3606.359+/-1.030 χ^2/NDF : 1092516.6/16

Left Out: 2221.573+/-0.554 χ^2/NDF : 324056.9/10

Right Out: 3884.203+/-1.073 χ^2/NDF : 994574.5/17

Left In: 2254.404+/-0.559 χ^2/NDF : 201276.4/9

Left: 2237.832+/-0.393 χ^2/NDF : 527074.5/20

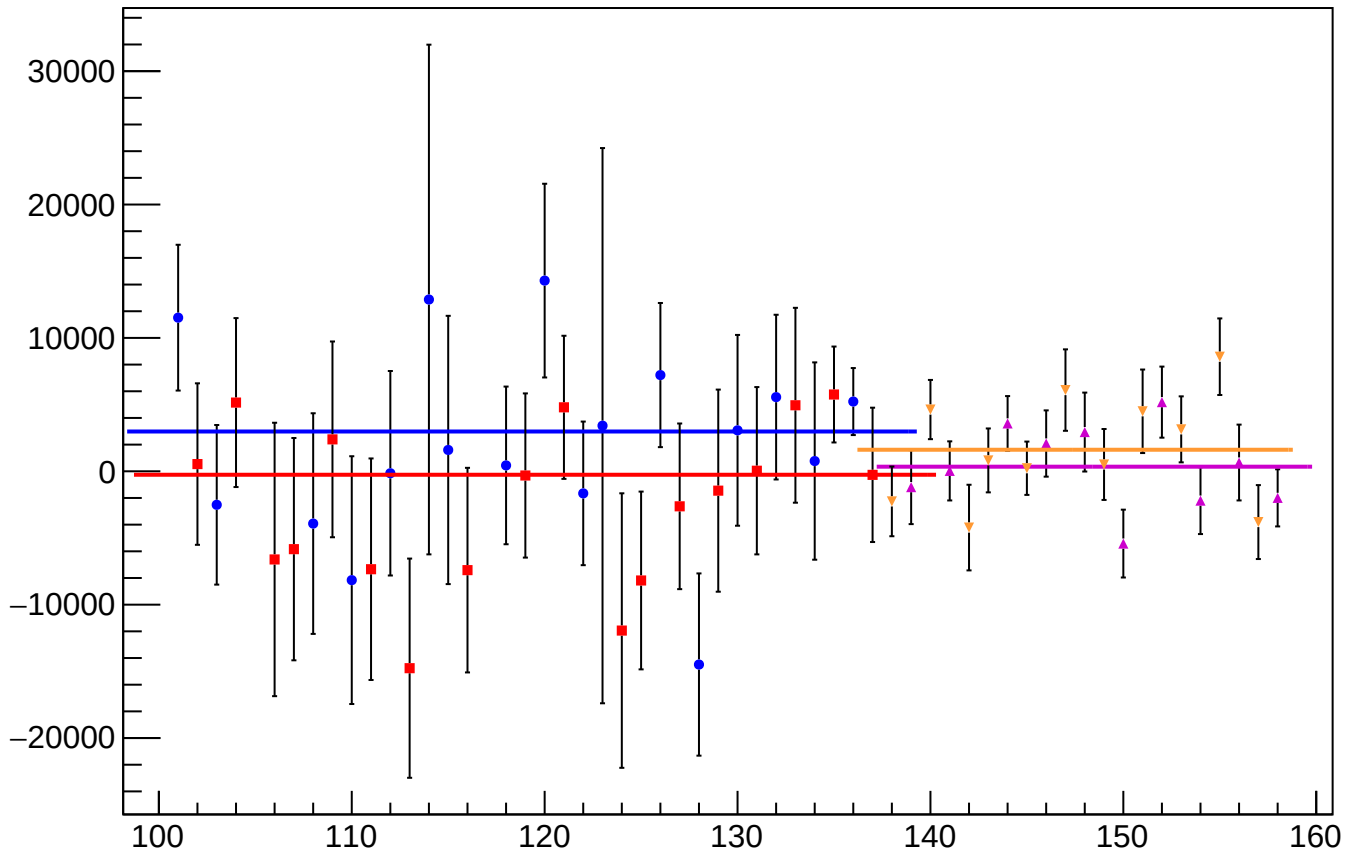
Right: 3739.524+/-0.743 χ^2/NDF : 2121988.0/34

In: 2562.133+/-0.491 χ^2/NDF : 2625326.7/26

Out: 2571.033+/-0.492 χ^2/NDF : 3214020.1/28

All: 2566.576+/-0.348 χ^2/NDF : 5839510.7/55

asym_sam2_mean vs Slug, Sign Corrected



Right In: 2983.609+/-1443.630 χ^2/NDF : 17.4/16

Left Out: 1615.266+/-781.666 χ^2/NDF : 21.2/10

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: 978.764+/-552.084 χ^2/NDF : 37.3/20

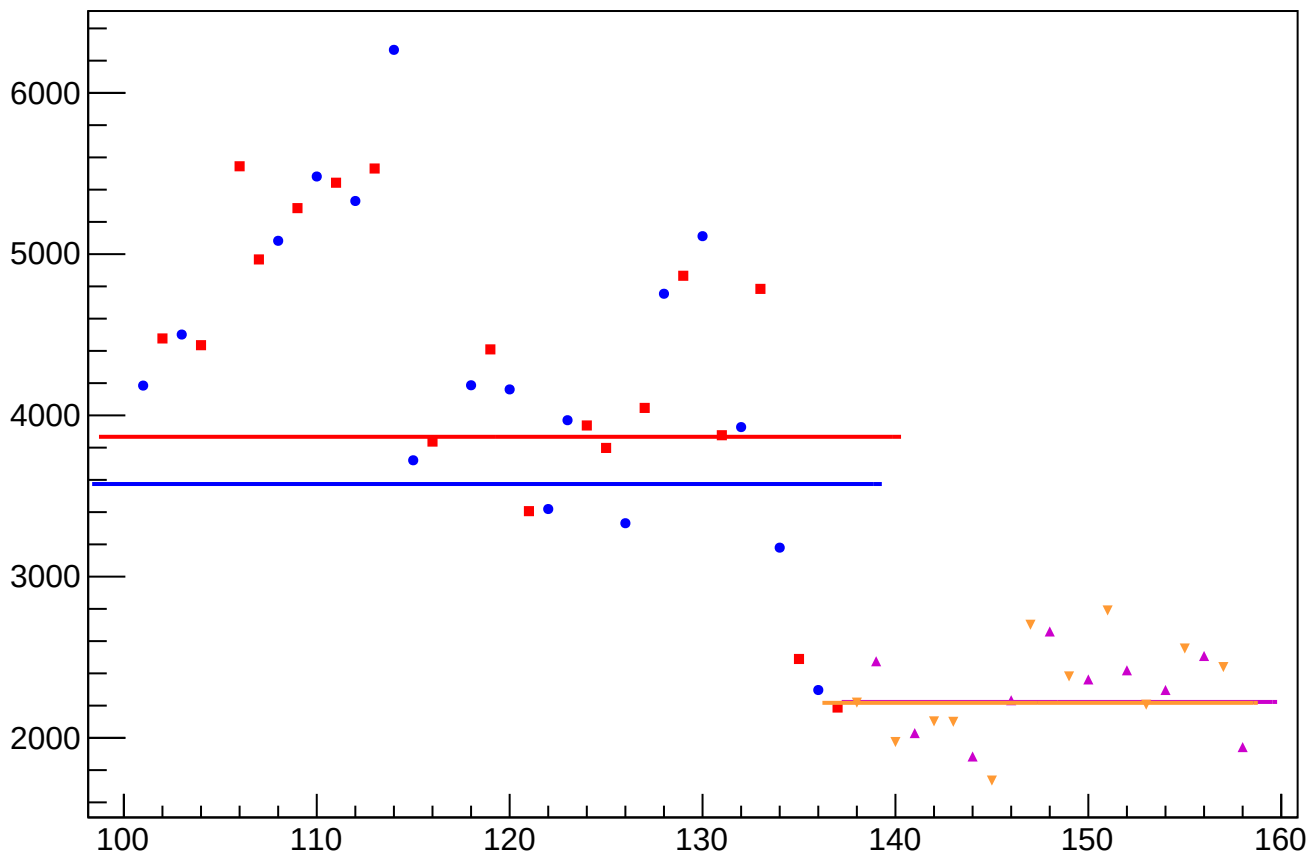
Right: 1435.156+/-1043.589 χ^2/NDF : 33.3/34

In: 941.219+/-686.148 χ^2/NDF : 34.8/26

Out: 1219.151+/-694.205 χ^2/NDF : 35.9/28

All: 1078.563+/-488.003 χ^2/NDF : 70.8/55

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3574.362 $\pm$ 1.021 χ^2 /NDF: 1091350.4/16

Left Out: 2217.266 $\pm$ 0.553 χ^2 /NDF:313027.4/10

Right Out: 3867.232 $\pm$ 1.068 χ^2 /NDF: 968137.9/17

Left In: 2222.804 $\pm$ 0.551 χ^2 /NDF:202803.7/9

Left: 2220.041 $\pm$ 0.390 χ^2 /NDF: 515881.4/20

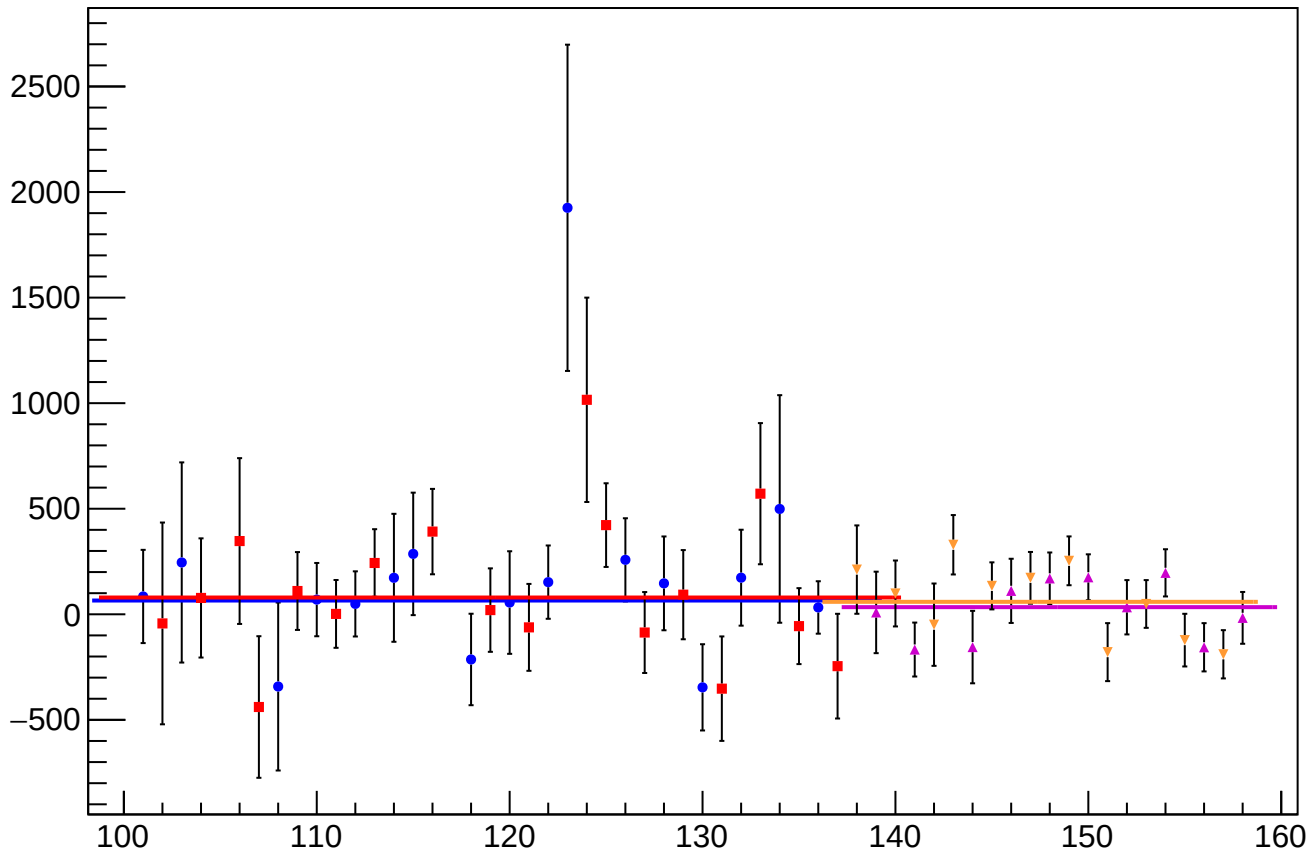
Right: 3714.186 $\pm$ 0.738 χ^2 /NDF: 2098786.6/34

In: 2528.126 $\pm$ 0.485 χ^2 /NDF:2651163.8/26

Out: 2565.842 $\pm$ 0.491 χ^2 /NDF:3163776.1/28

All: 2546.764 $\pm$ 0.345 χ^2 /NDF: 5817926.1/55

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 65.225 $\pm$ 52.700 χ^2 /NDF: 15.7/16

Left Out: 59.042 $\pm$ 39.689 χ^2 /NDF:18.6/10

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: 46.788 $\pm$ 28.461 χ^2 /NDF: 30.7/20

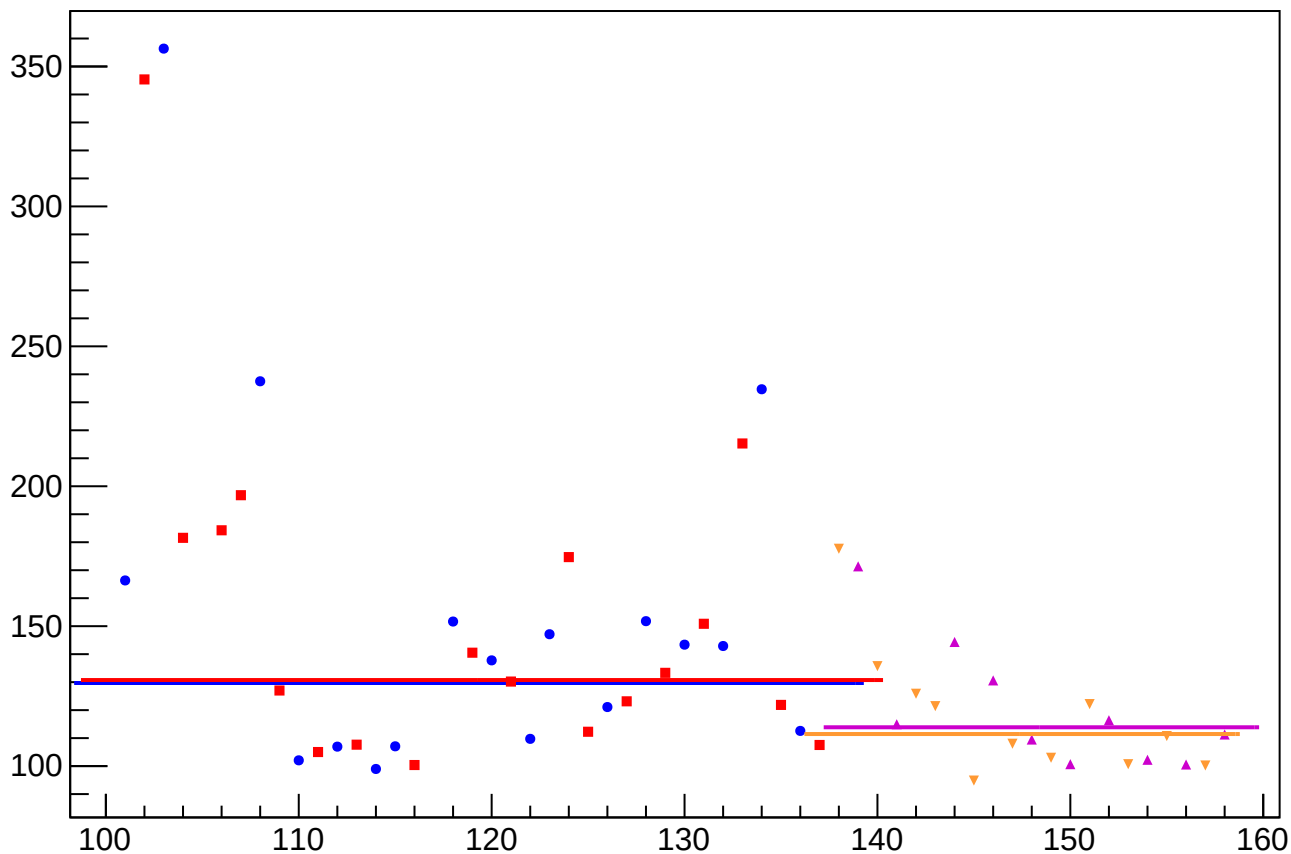
Right: 72.397 $\pm$ 37.138 χ^2 /NDF: 37.9/34

In: 45.600 $\pm$ 32.279 χ^2 /NDF:27.9/26

Out: 66.501 $\pm$ 31.626 χ^2 /NDF:40.9/28

All: 56.264 $\pm$ 22.590 χ^2 /NDF: 68.9/55

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 129.697 $\pm$ 0.037 χ^2 /NDF: 989682.4/16

Left Out: 111.461 $\pm$ 0.028 χ^2 /NDF: 376042.5/10

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: 112.633 $\pm$ 0.020 χ^2 /NDF: 727056.8/20

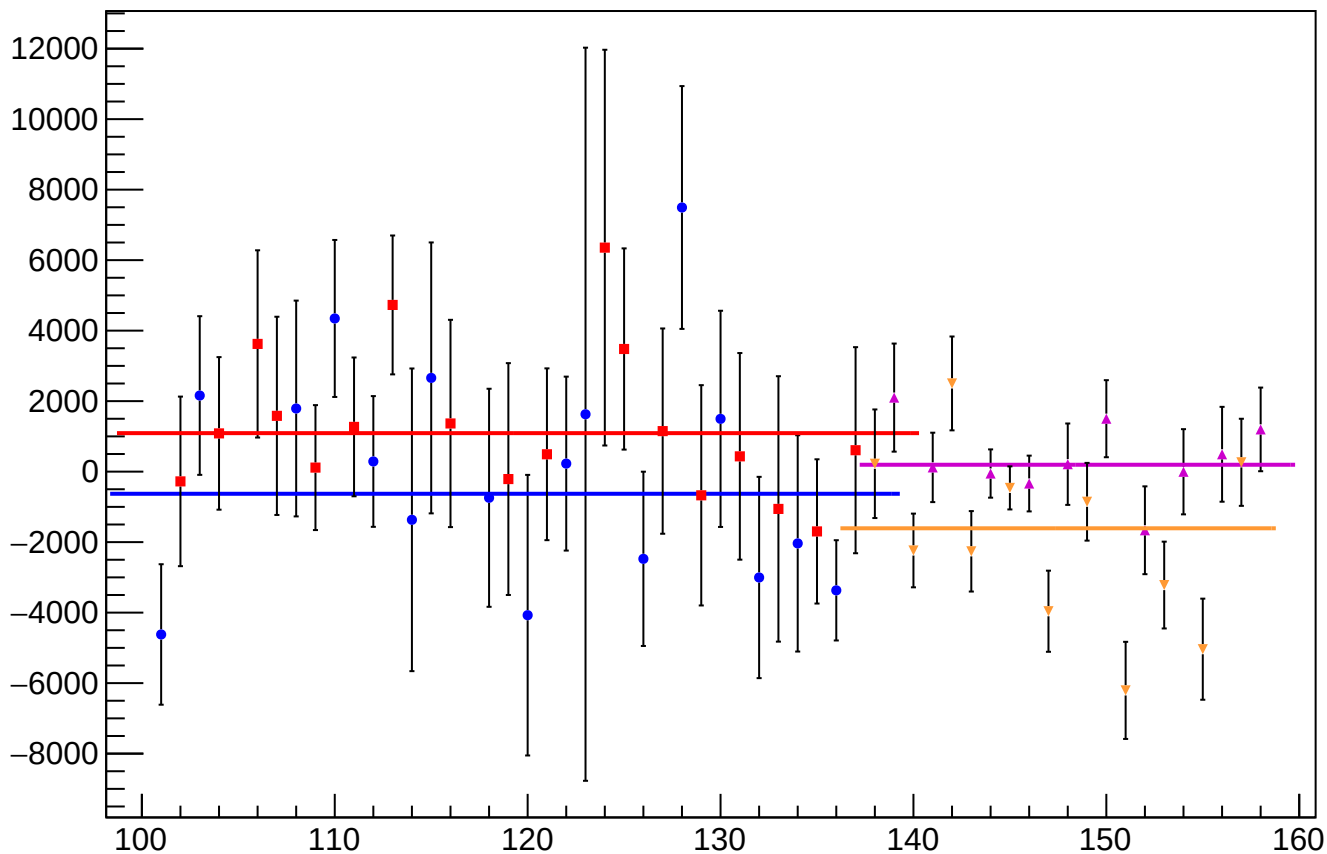
Right: 130.228 $\pm$ 0.026 χ^2 /NDF: 1917619.9/34

In: 119.810 $\pm$ 0.023 χ^2 /NDF: 1449765.7/26

Out: 118.503 $\pm$ 0.022 χ^2 /NDF: 1476047.1/28

All: 119.143 $\pm$ 0.016 χ^2 /NDF: 2927484.5/55

asym_sam3_correction_mean vs Slug, Sign Corrected



Right In: -628.175 ± 621.486 $\chi^2/\text{NDF}: 24.3/16$

Left Out: -1607.605 ± 328.735 $\chi^2/\text{NDF}: 40.7/10$

Right Out: 1091.945 ± 599.483 $\chi^2/\text{NDF}: 9.4/17$

Left In: 195.029 ± 326.781 $\chi^2/\text{NDF}: 6.6/9$

Left: -700.913 ± 231.757 $\chi^2/\text{NDF}: 62.4/20$

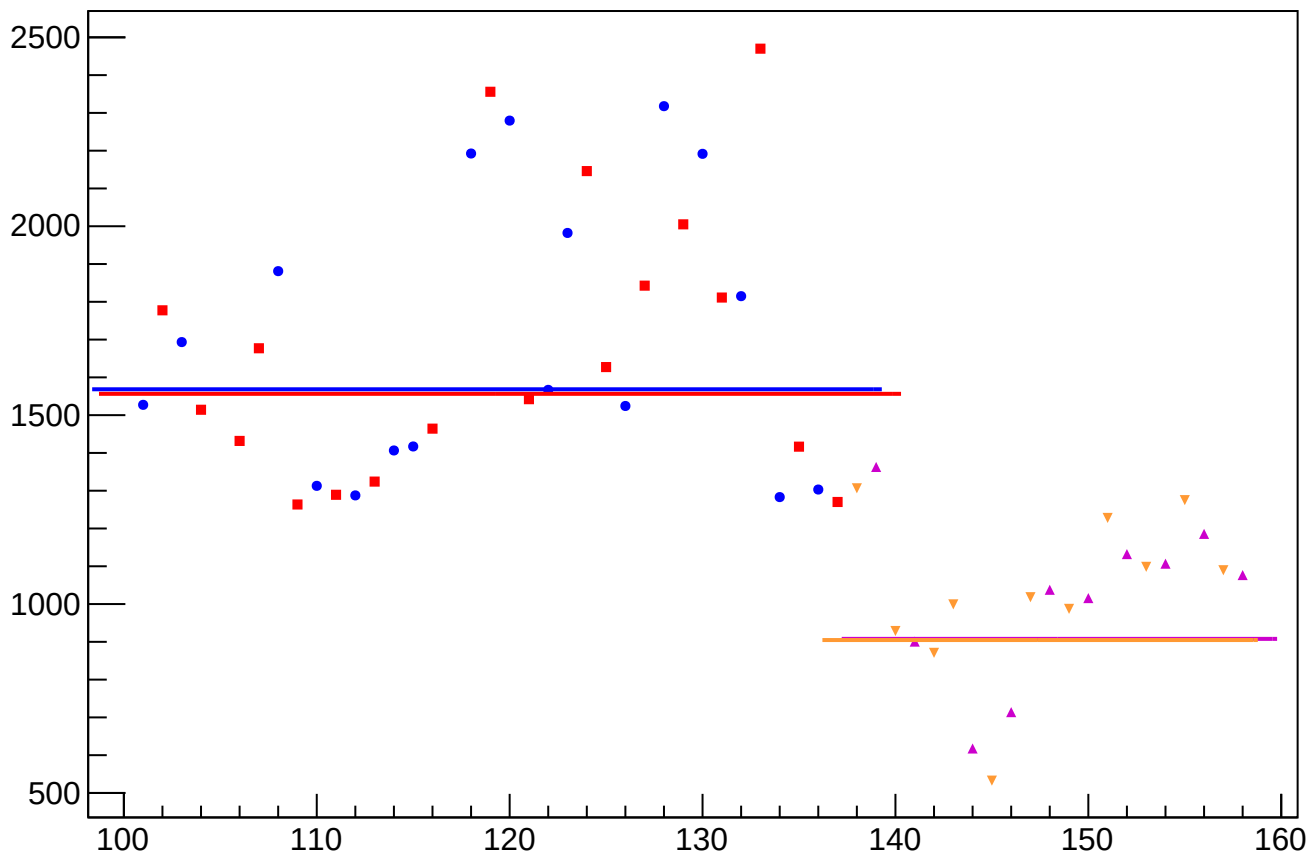
Right: 262.874 ± 431.468 $\chi^2/\text{NDF}: 37.6/34$

In: 16.732 ± 289.235 $\chi^2/\text{NDF}: 32.2/26$

Out: -983.508 ± 288.242 $\chi^2/\text{NDF}: 65.6/28$

All: -485.108 ± 204.168 $\chi^2/\text{NDF}: 103.9/55$

asym_sam3_correction_rms vs Slug, Sign Corrected



Right In: 1568.480 $\pm$ 0.439 χ^2 /NDF: 534197.6/16

Left Out: 904.735 $\pm$ 0.232 χ^2 /NDF: 1262510.2/10

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: 906.299 $\pm$ 0.164 χ^2 /NDF: 2207712.3/20

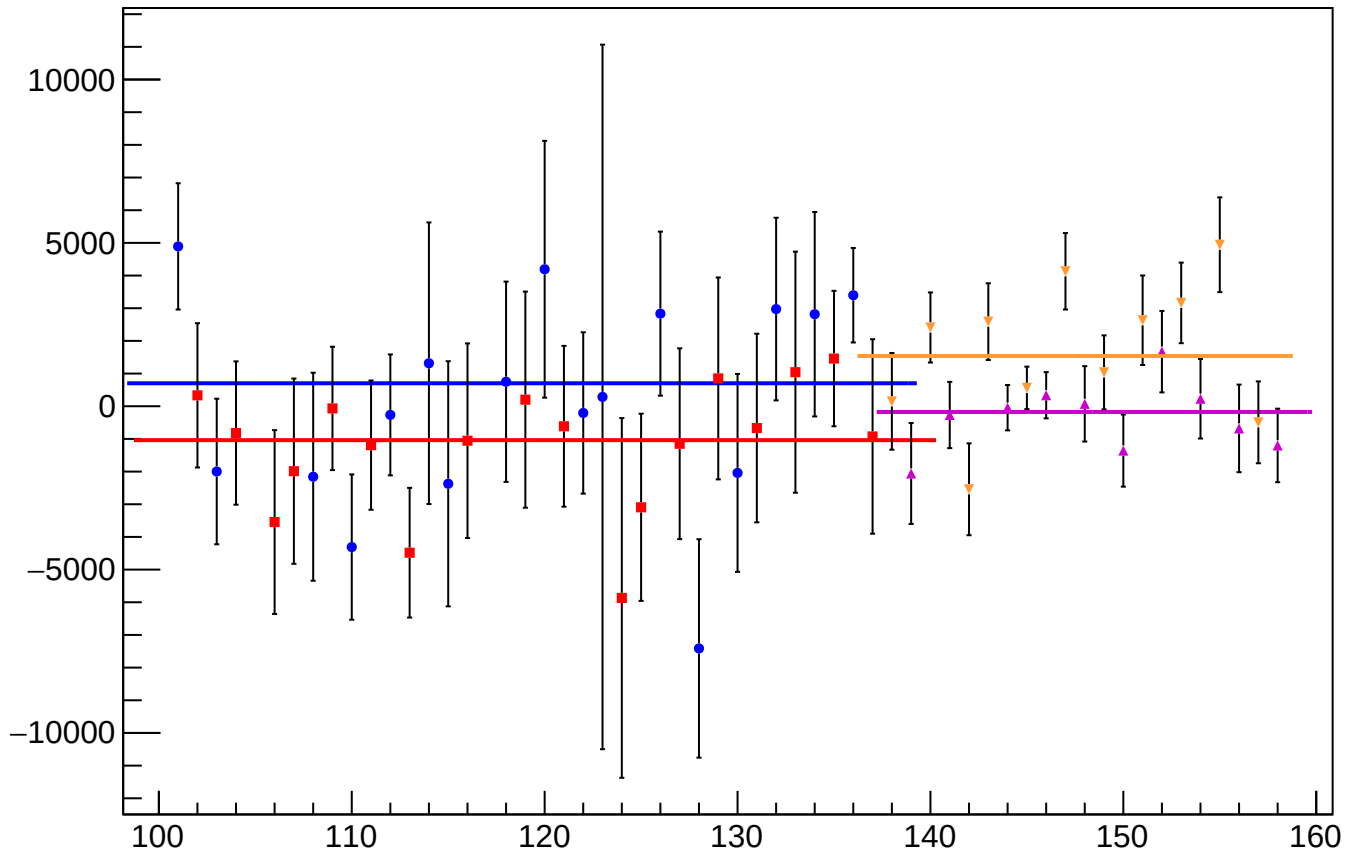
Right: 1562.235 $\pm$ 0.305 χ^2 /NDF: 1045041.2/34

In: 1050.932 $\pm$ 0.205 χ^2 /NDF: 3249744.3/26

Out: 1055.396 $\pm$ 0.204 χ^2 /NDF: 3590061.1/28

All: 1053.171 $\pm$ 0.144 χ^2 /NDF: 6840044.4/55

asym_sam3_mean vs Slug, Sign Corrected



Right In: 703.057+/-620.618 χ^2/NDF : 26.0/16

Left Out: 1537.392+/-338.325 χ^2/NDF : 28.6/10

Right Out: -1038.423+/-604.250 χ^2/NDF : 8.2/17

Left In: -175.058+/-320.998 χ^2/NDF : 6.5/9

Left: 636.193+/-232.864 χ^2/NDF : 48.6/20

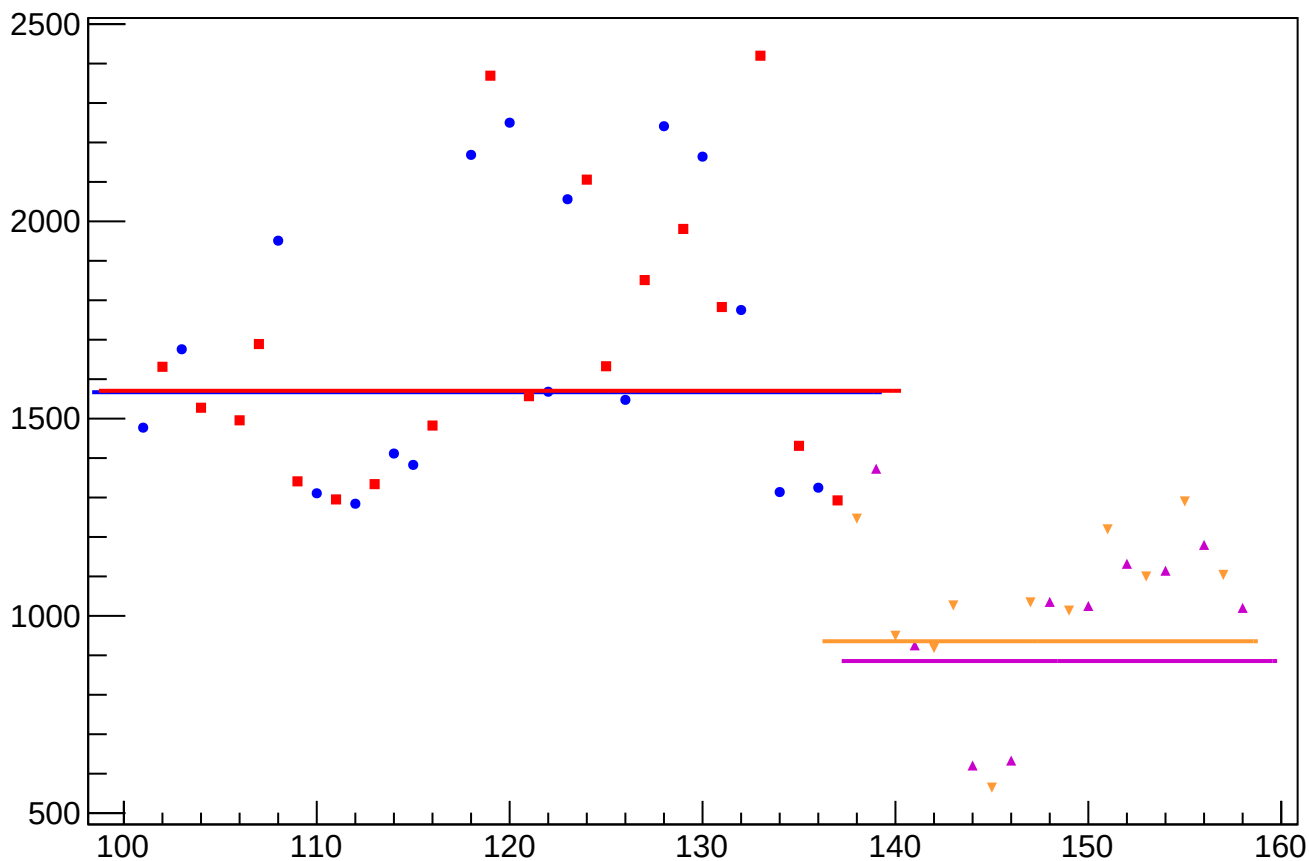
Right: -190.951+/-432.940 χ^2/NDF : 38.2/34

In: 10.274+/-285.118 χ^2/NDF : 34.1/26

Out: 922.611+/-295.202 χ^2/NDF : 50.7/28

All: 450.594+/-205.081 χ^2/NDF : 89.7/55

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1566.937 $\pm$ 0.439 χ^2 /NDF: 499846.2/16

Left Out: 935.724 $\pm$ 0.239 χ^2 /NDF: 1052241.9/10

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: 909.298 $\pm$ 0.165 χ^2 /NDF: 2163489.7/20

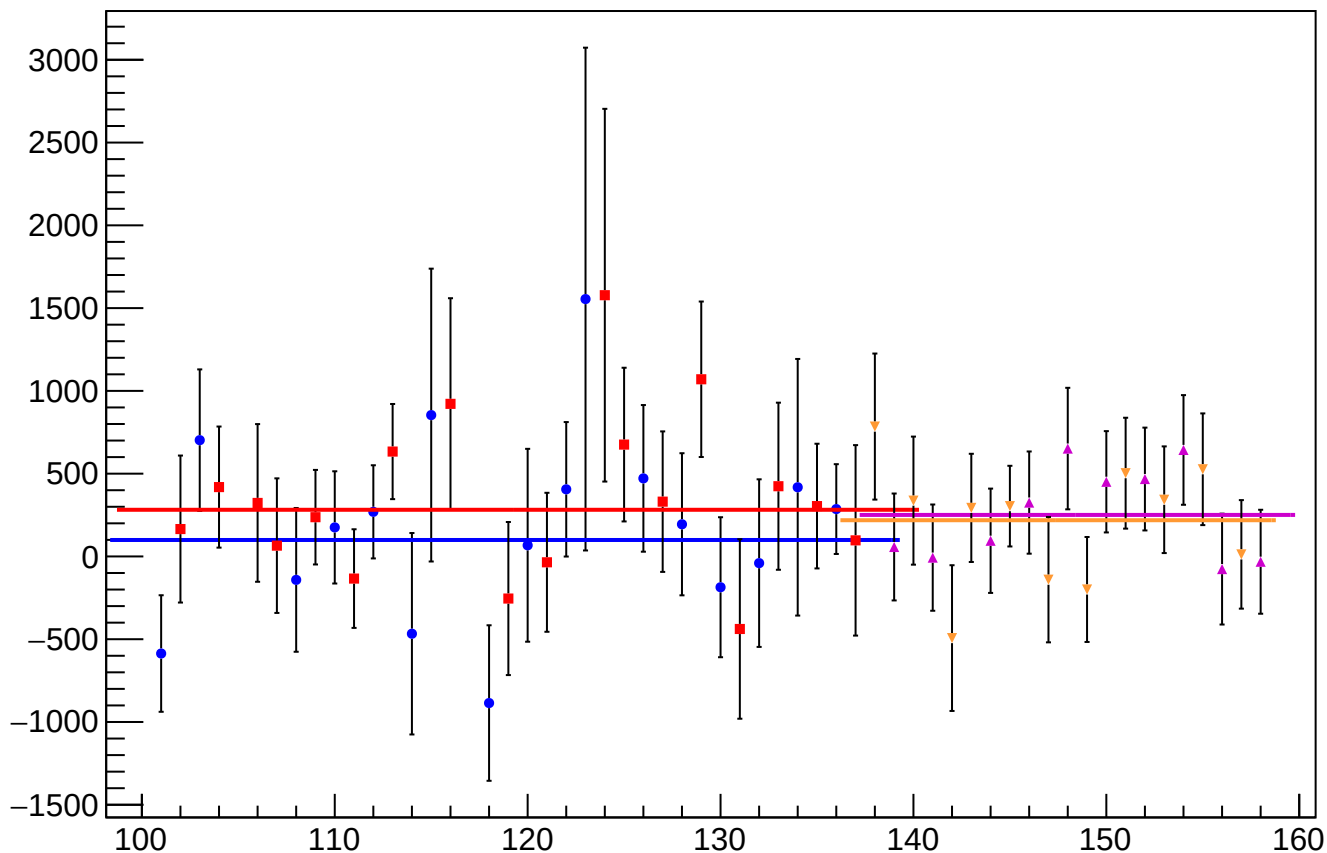
Right: 1568.791 $\pm$ 0.306 χ^2 /NDF: 939142.0/34

In: 1029.330 $\pm$ 0.202 χ^2 /NDF: 3490145.5/26

Out: 1087.241 $\pm$ 0.209 χ^2 /NDF: 3172142.4/28

All: 1057.279 $\pm$ 0.145 χ^2 /NDF: 6702109.1/55

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 99.387 $\pm$ 103.463 χ^2 /NDF: 15.9/16

Left Out: 218.747 $\pm$ 101.658 χ^2 /NDF:9.3/10

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: 234.751 $\pm$ 71.928 χ^2 /NDF: 15.9/20

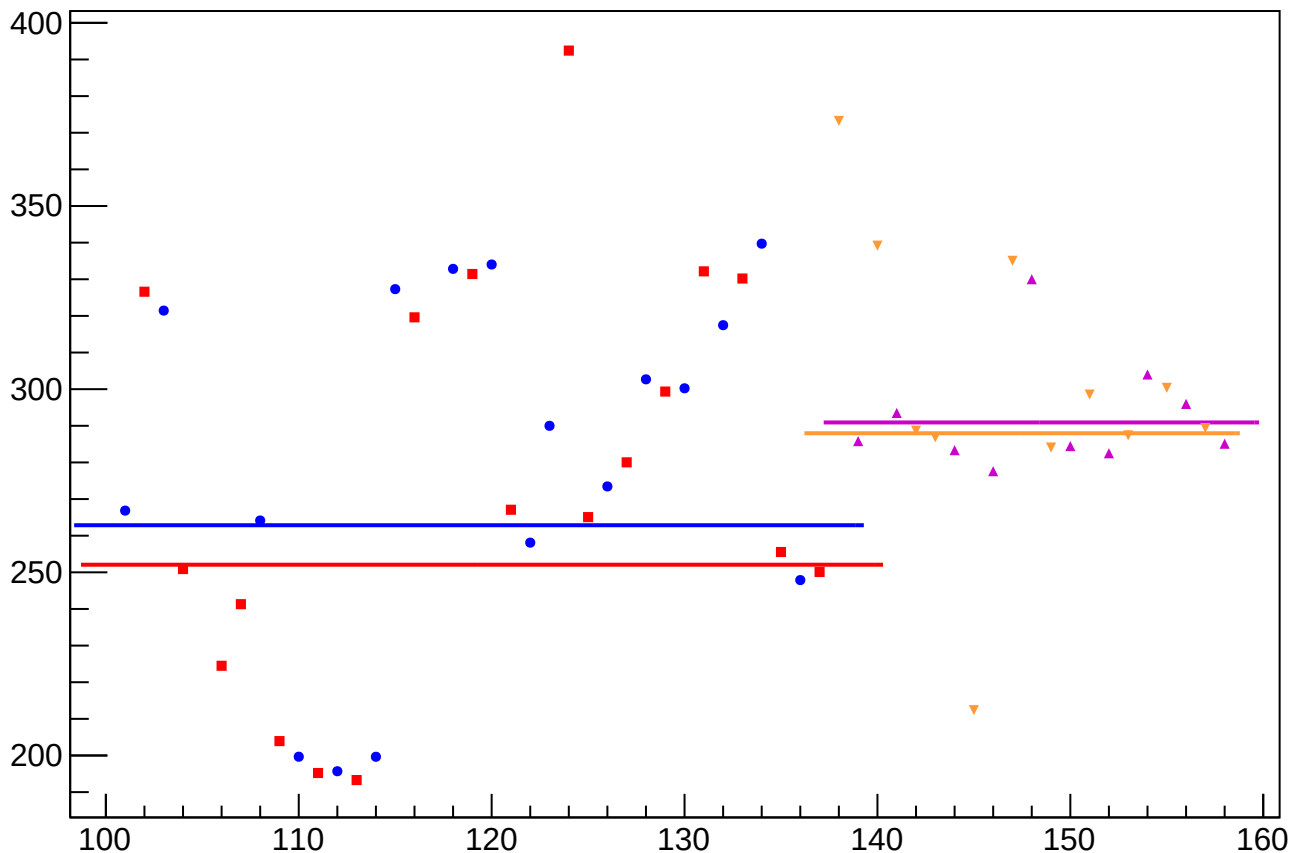
Right: 195.664 $\pm$ 71.104 χ^2 /NDF: 31.3/34

In: 176.329 $\pm$ 72.559 χ^2 /NDF:23.6/26

Out: 251.482 $\pm$ 70.509 χ^2 /NDF:23.2/28

All: 214.982 $\pm$ 50.567 χ^2 /NDF: 47.3/55

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 262.856+/-0.073 χ^2/NDF : 411698.3/16

Left Out: 287.967+/-0.072 χ^2/NDF :338366.8/10

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: 289.440+/-0.051 χ^2/NDF : 374024.9/20

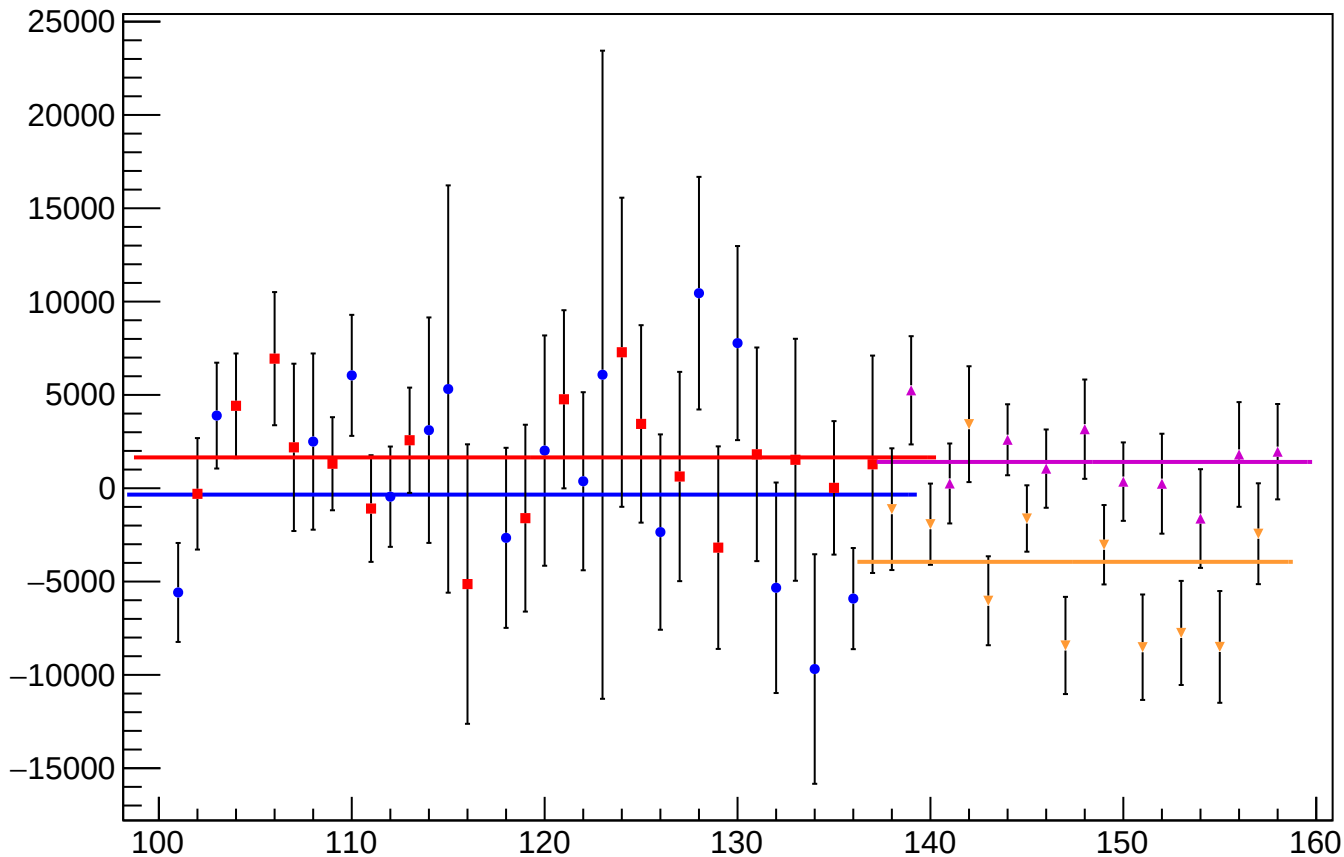
Right: 257.169+/-0.050 χ^2/NDF : 938300.0/34

In: 277.116+/-0.051 χ^2/NDF :521270.9/26

Out: 269.344+/-0.050 χ^2/NDF :982858.2/28

All: 273.119+/-0.036 χ^2/NDF : 1515930.9/55

asym_sam4_correction_mean vs Slug, Sign Corrected



Right In: -341.538 ± 1004.635 $\chi^2/\text{NDF}: 24.4/16$

Left Out: -3943.137 ± 751.174 $\chi^2/\text{NDF}: 20.0/10$

Right Out: 1651.954 ± 929.858 $\chi^2/\text{NDF}: 7.9/17$

Left In: 1408.857 ± 751.385 $\chi^2/\text{NDF}: 4.7/9$

Left: -1267.891 ± 531.235 $\chi^2/\text{NDF}: 50.1/20$

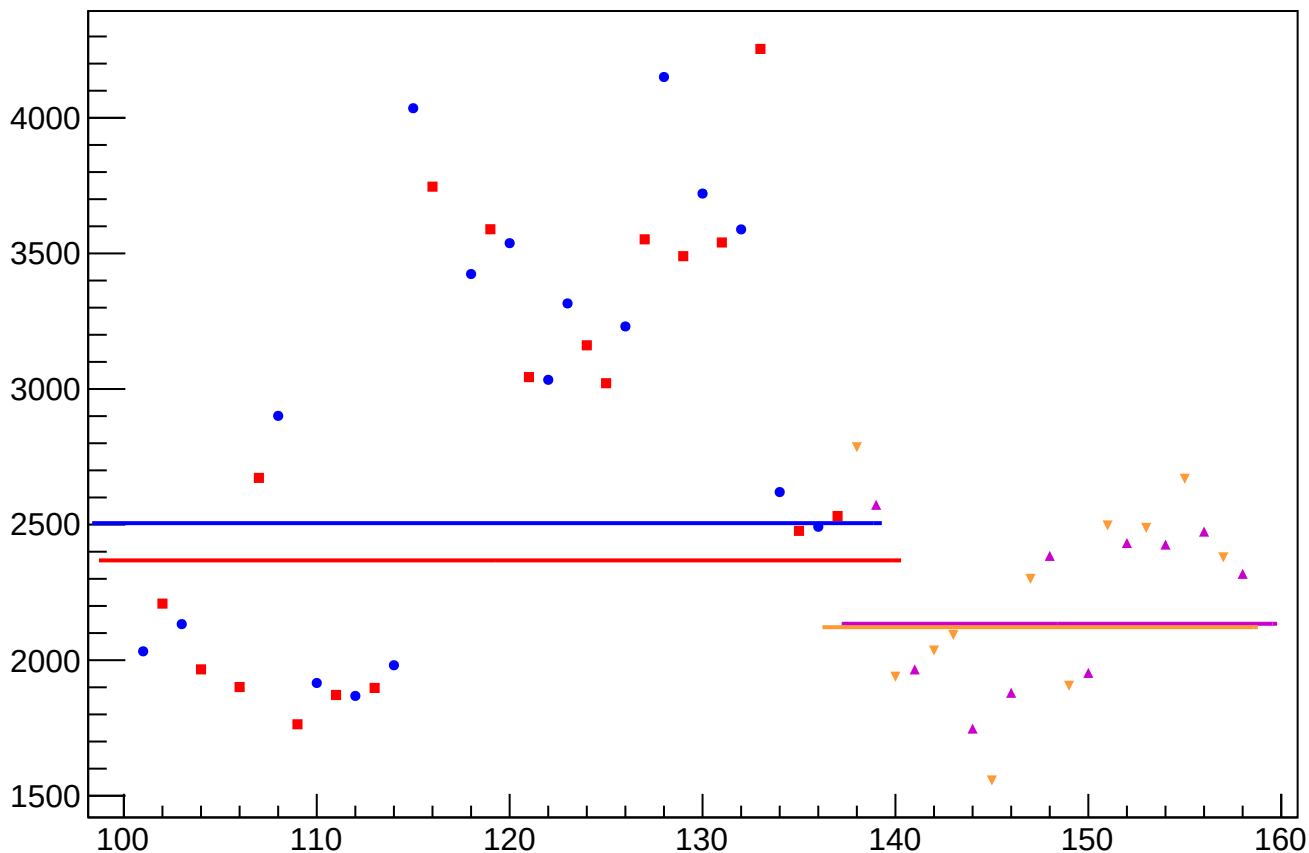
Right: 732.150 ± 682.415 $\chi^2/\text{NDF}: 34.5/34$

In: 780.955 ± 601.709 $\chi^2/\text{NDF}: 31.1/26$

Out: -1733.672 ± 584.328 $\chi^2/\text{NDF}: 49.8/28$

All: -513.201 ± 419.192 $\chi^2/\text{NDF}: 89.9/55$

asym_sam4_correction_rms vs Slug, Sign Corrected



Right In: 2505.329+/-0.710 χ^2/NDF : 864133.9/16

Left Out: 2121.738+/-0.531 χ^2/NDF : 485386.9/10

Right Out: 2368.003+/-0.658 χ^2/NDF : 1030879.9/17

Left In: 2134.258+/-0.531 χ^2/NDF : 291642.2/9

Left: 2127.996+/-0.376 χ^2/NDF : 777306.8/20

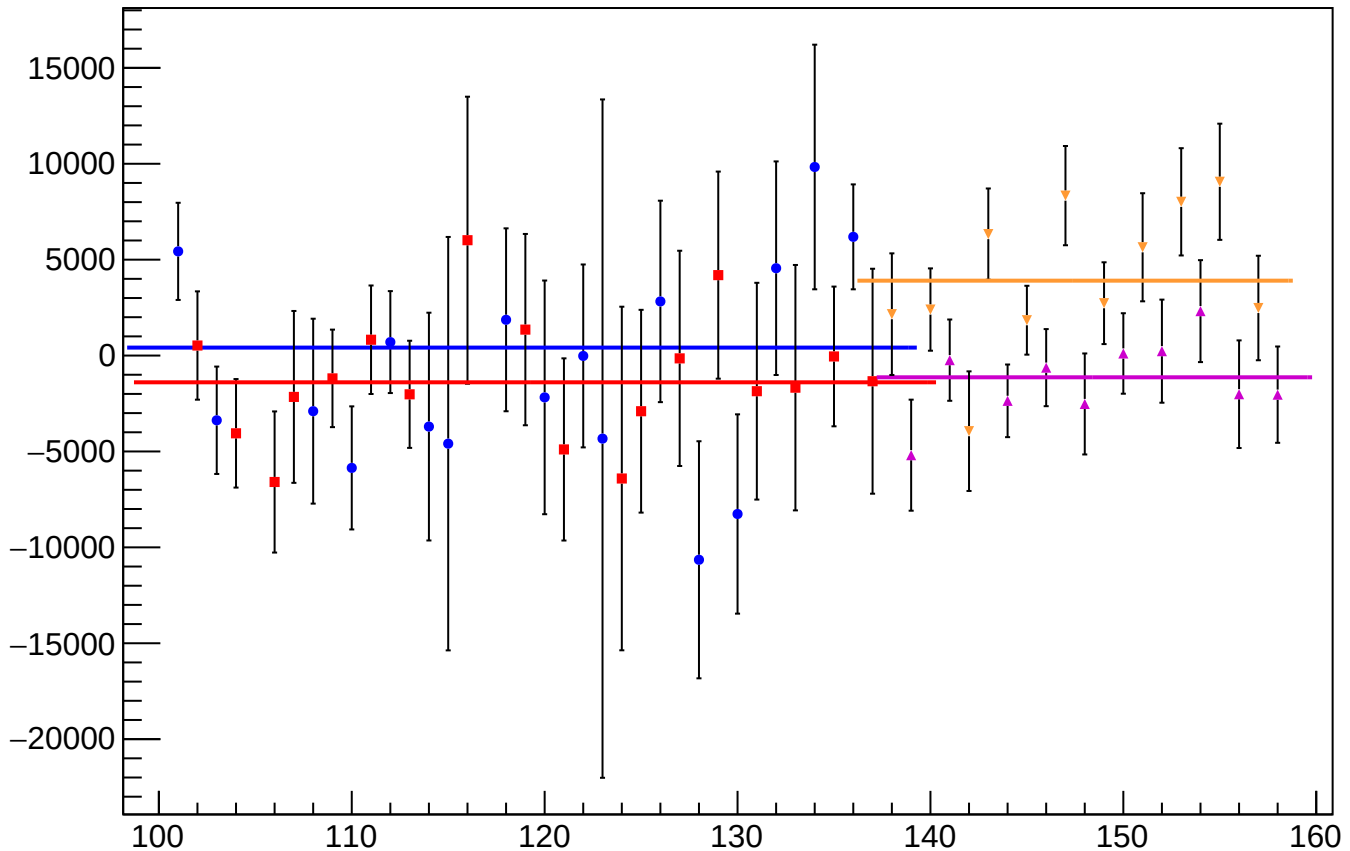
Right: 2431.366+/-0.483 χ^2/NDF : 1915141.0/34

In: 2267.369+/-0.425 χ^2/NDF : 1330750.5/26

Out: 2218.986+/-0.413 χ^2/NDF : 1601152.4/28

All: 2242.469+/-0.296 χ^2/NDF : 2938557.9/55

asym_sam4_mean vs Slug, Sign Corrected



Right In: 415.549+/-994.913 χ^2/NDF : 24.5/16

Left Out: 3905.356+/-750.964 χ^2/NDF :18.4/10

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: 1363.469+/-528.618 χ^2/NDF : 46.6/20

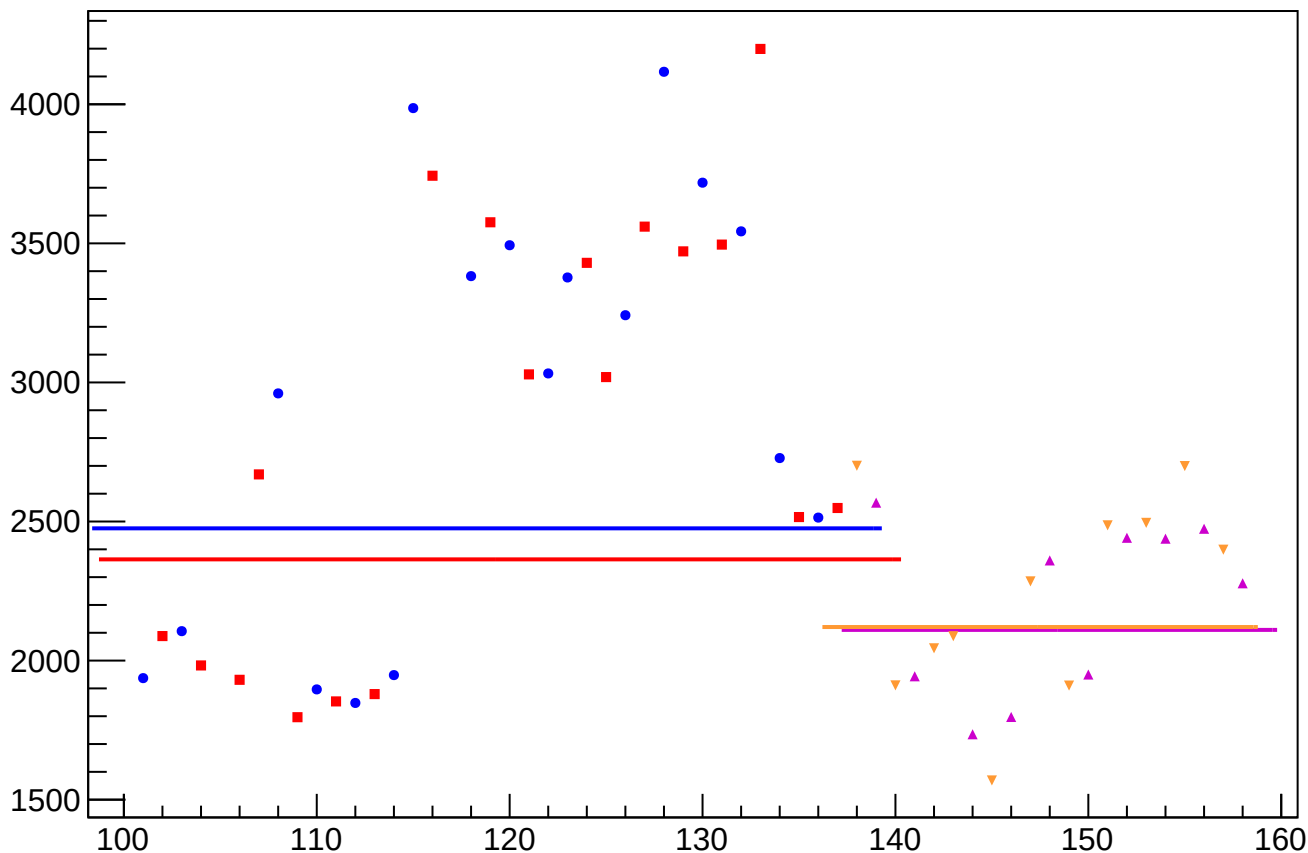
Right: -551.504+/-679.008 χ^2/NDF : 33.8/34

In: -577.451+/-595.951 χ^2/NDF :31.5/26

Out: 1810.775+/-584.015 χ^2/NDF :45.7/28

All: 640.818+/-417.117 χ^2/NDF : 85.3/55

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2475.435 $\pm$ 0.704 χ^2/NDF : 913073.5/16

Left Out: 2120.646 $\pm$ 0.531 χ^2/NDF : 467226.5/10

Right Out: 2363.907 $\pm$ 0.657 χ^2/NDF : 1026875.6/17

Left In: 2110.340 $\pm$ 0.526 χ^2/NDF : 322350.7/9

Left: 2115.447 $\pm$ 0.374 χ^2/NDF : 789767.3/20

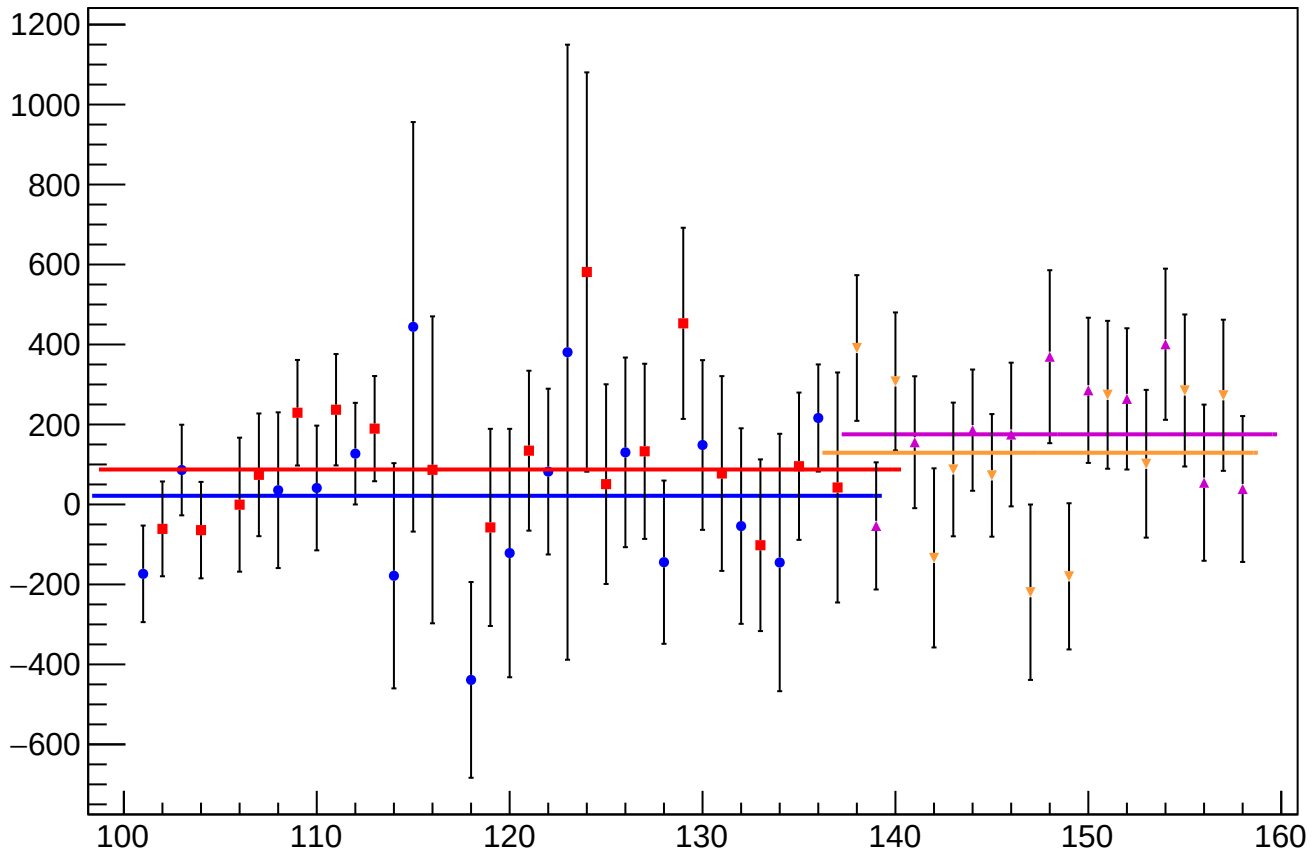
Right: 2415.854 $\pm$ 0.480 χ^2/NDF : 1953375.1/34

In: 2241.335 $\pm$ 0.421 χ^2/NDF : 1408113.7/26

Out: 2216.784 $\pm$ 0.413 χ^2/NDF : 1577040.6/28

All: 2228.811 $\pm$ 0.295 χ^2/NDF : 2986885.8/55

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 21.649 $\pm$ 45.157 χ^2/NDF : 12.6/16

Left Out: 129.304 $\pm$ 55.306 χ^2/NDF :12.0/10

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: 152.049 $\pm$ 39.351 χ^2/NDF : 18.2/20

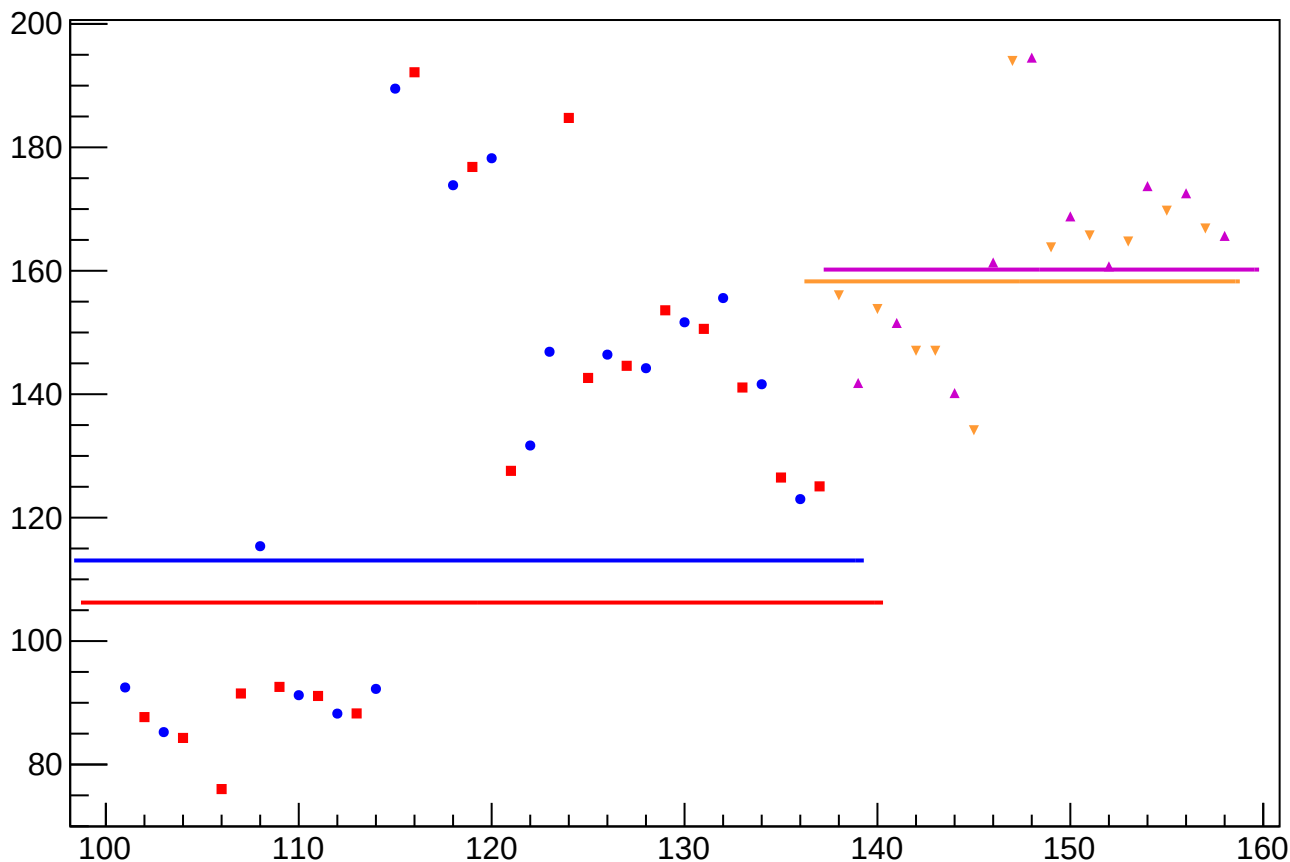
Right: 57.059 $\pm$ 30.686 χ^2/NDF : 24.7/34

In: 82.216 $\pm$ 35.153 χ^2/NDF :23.0/26

Out: 102.671 $\pm$ 33.360 χ^2/NDF :23.3/28

All: 92.978 $\pm$ 24.198 χ^2/NDF : 46.5/55

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 113.059+/-0.032 χ^2/NDF : 820795.9/16

Left Out: 158.282+/-0.039 χ^2/NDF :137214.9/10

Right Out: 106.240+/-0.030 χ^2/NDF : 951702.9/17

Left In: 160.195+/-0.040 χ^2/NDF :142150.7/9

Left: 159.227+/-0.028 χ^2/NDF : 280546.6/20

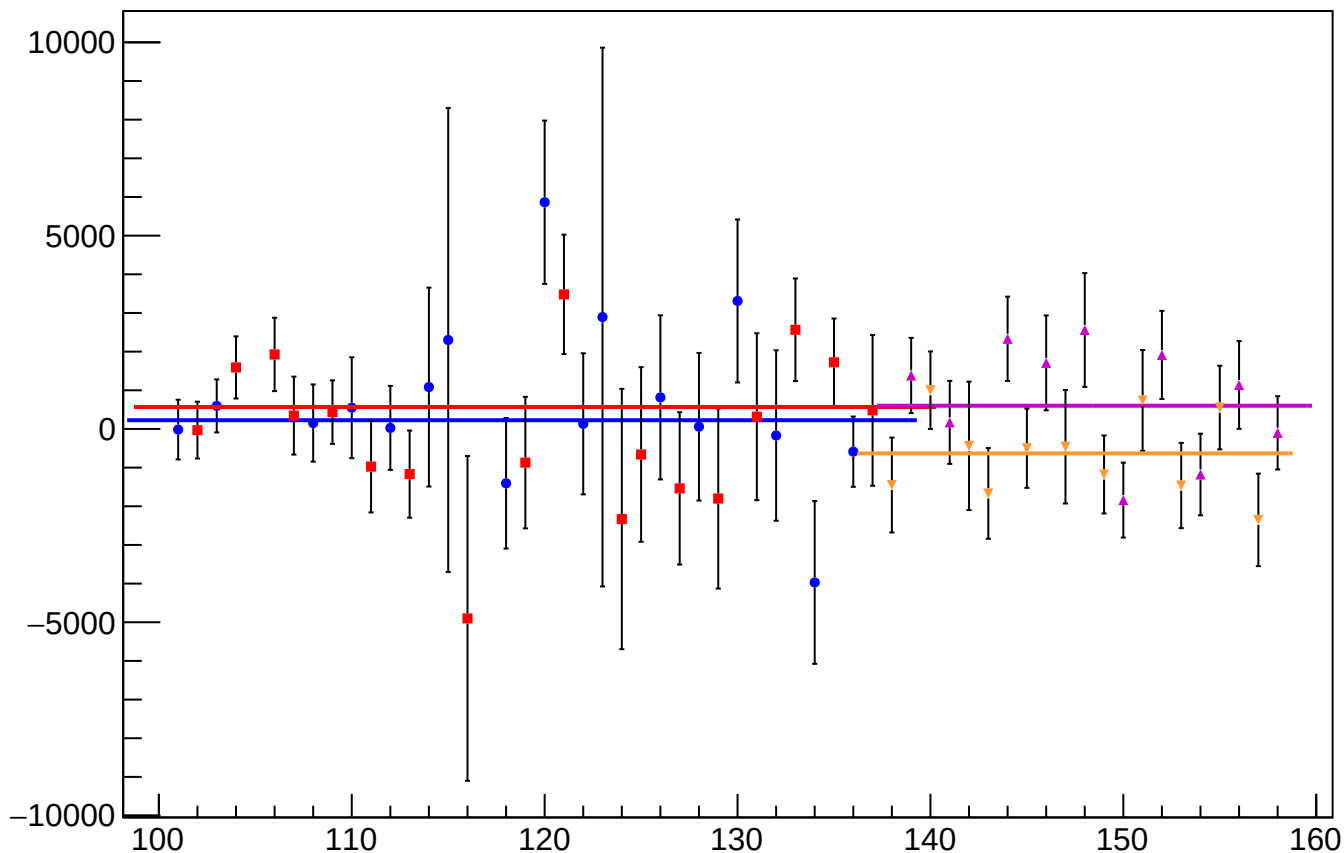
Right: 109.389+/-0.022 χ^2/NDF : 1797042.6/34

In: 131.631+/-0.025 χ^2/NDF :1821558.6/26

Out: 125.175+/-0.024 χ^2/NDF :2215487.2/28

All: 128.234+/-0.017 χ^2/NDF : 4072530.1/55

asym_sam5_correction_mean vs Slug, Sign Corrected



Right In: 225.635 $\pm$ 321.412 χ^2 /NDF: 16.0/16

Left Out: -631.801 $\pm$ 351.131 χ^2 /NDF:9.2/10

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: -0.627 $\pm$ 245.247 χ^2 /NDF: 32.7/20

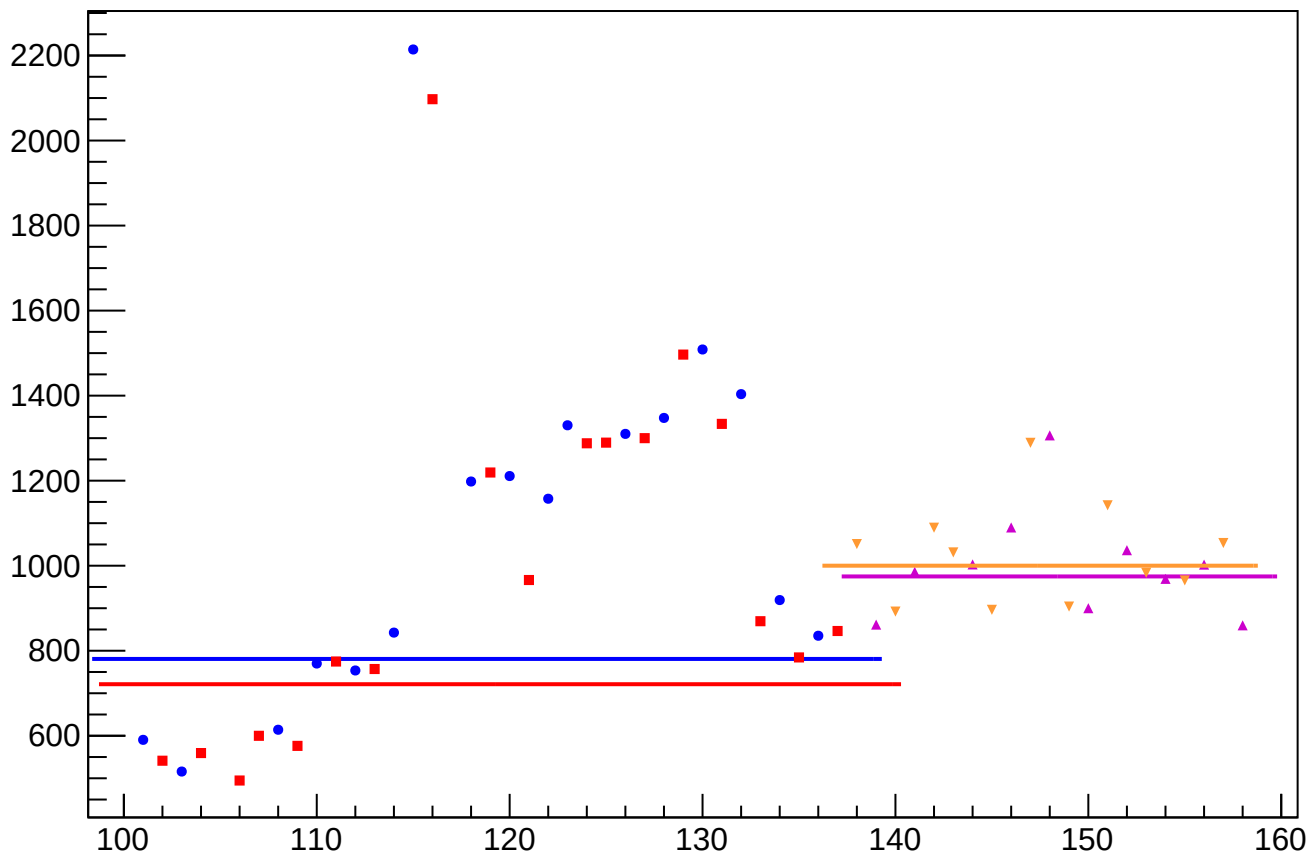
Right: 414.129 $\pm$ 215.517 χ^2 /NDF: 37.6/34

In: 401.095 $\pm$ 234.433 χ^2 /NDF:33.8/26

Out: 80.536 $\pm$ 223.828 χ^2 /NDF:37.1/28

All: 233.401 $\pm$ 161.890 χ^2 /NDF: 71.8/55

asym_sam5_correction_rms vs Slug, Sign Corrected



Right In: 780.700 $\pm$ 0.227 χ^2 /NDF: 1609510.2/16

Left Out: 1000.024 $\pm$ 0.248 χ^2 /NDF:180284.6/10

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: 987.081 $\pm$ 0.173 χ^2 /NDF: 381965.2/20

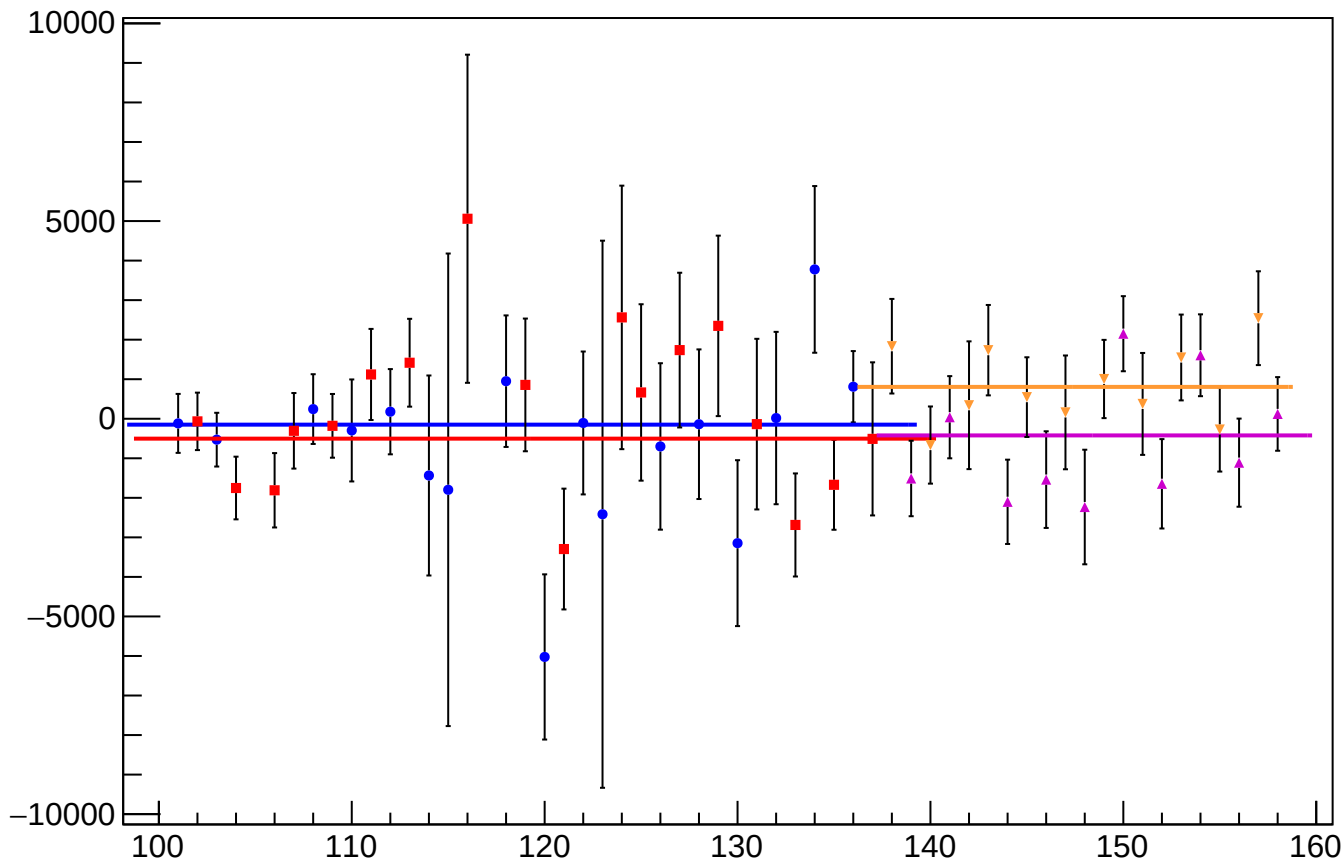
Right: 747.987 $\pm$ 0.152 χ^2 /NDF: 3273780.9/34

In: 871.517 $\pm$ 0.166 χ^2 /NDF:2147072.2/26

Out: 834.535 $\pm$ 0.158 χ^2 /NDF:2555237.0/28

All: 852.171 $\pm$ 0.114 χ^2 /NDF: 4728344.8/55

asym_sam5_mean vs Slug, Sign Corrected



Right In: -149.163 ± 312.963 $\chi^2/\text{NDF}: 16.1/16$

Left Out: 805.729 ± 344.409 $\chi^2/\text{NDF}: 7.8/10$

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: 177.869 ± 240.681 $\chi^2/\text{NDF}: 33.8/20$

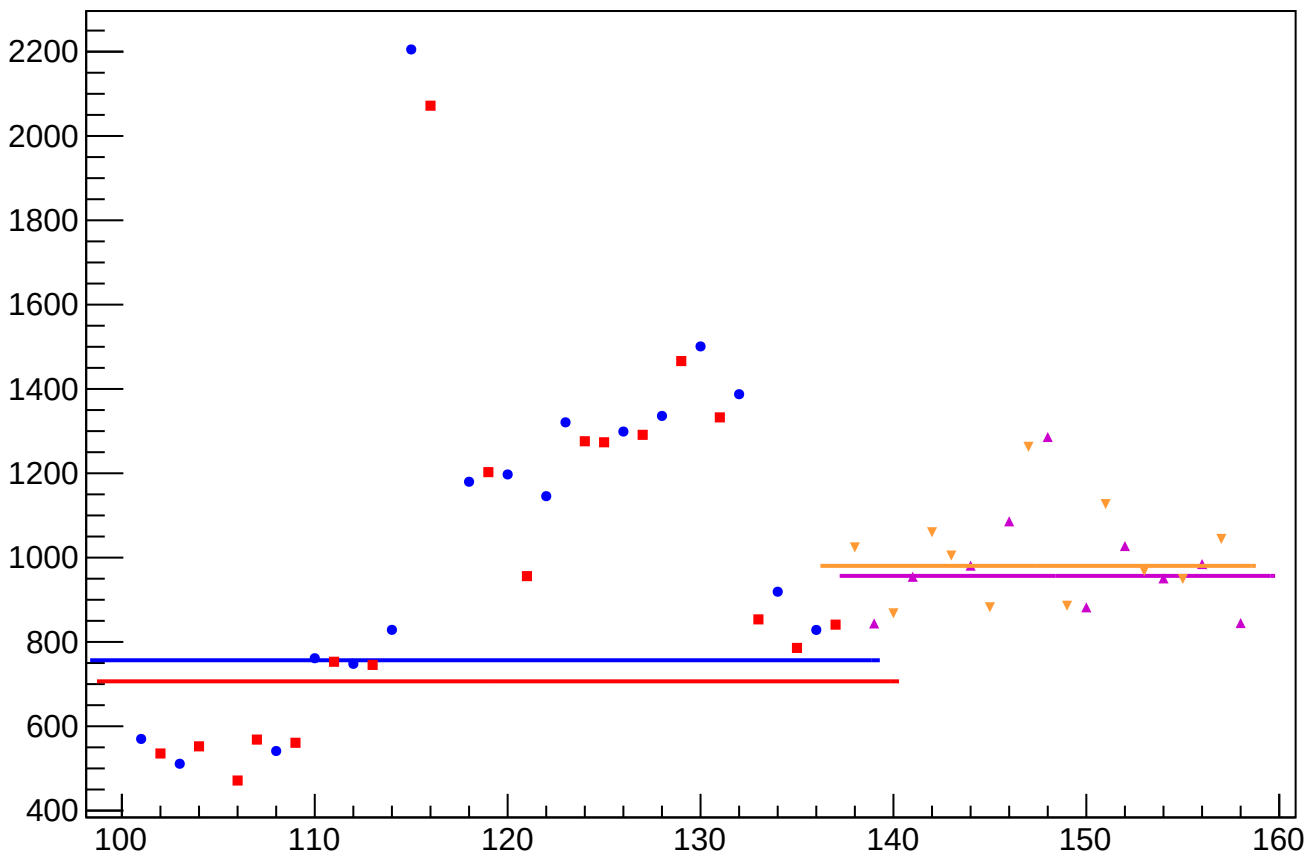
Right: -342.200 ± 211.034 $\chi^2/\text{NDF}: 40.4/34$

In: -275.443 ± 229.161 $\chi^2/\text{NDF}: 35.9/26$

Out: 30.560 ± 219.928 $\chi^2/\text{NDF}: 40.0/28$

All: -116.152 ± 158.676 $\chi^2/\text{NDF}: 76.8/55$

asym_sam5_rms vs Slug, Sign Corrected



Right In: 756.539 $\pm$ 0.221 χ^2 /NDF: 1713642.0/16

Left Out: 980.453 $\pm$ 0.244 χ^2 /NDF: 182949.0/10

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: 968.280 $\pm$ 0.170 χ^2 /NDF: 392968.2/20

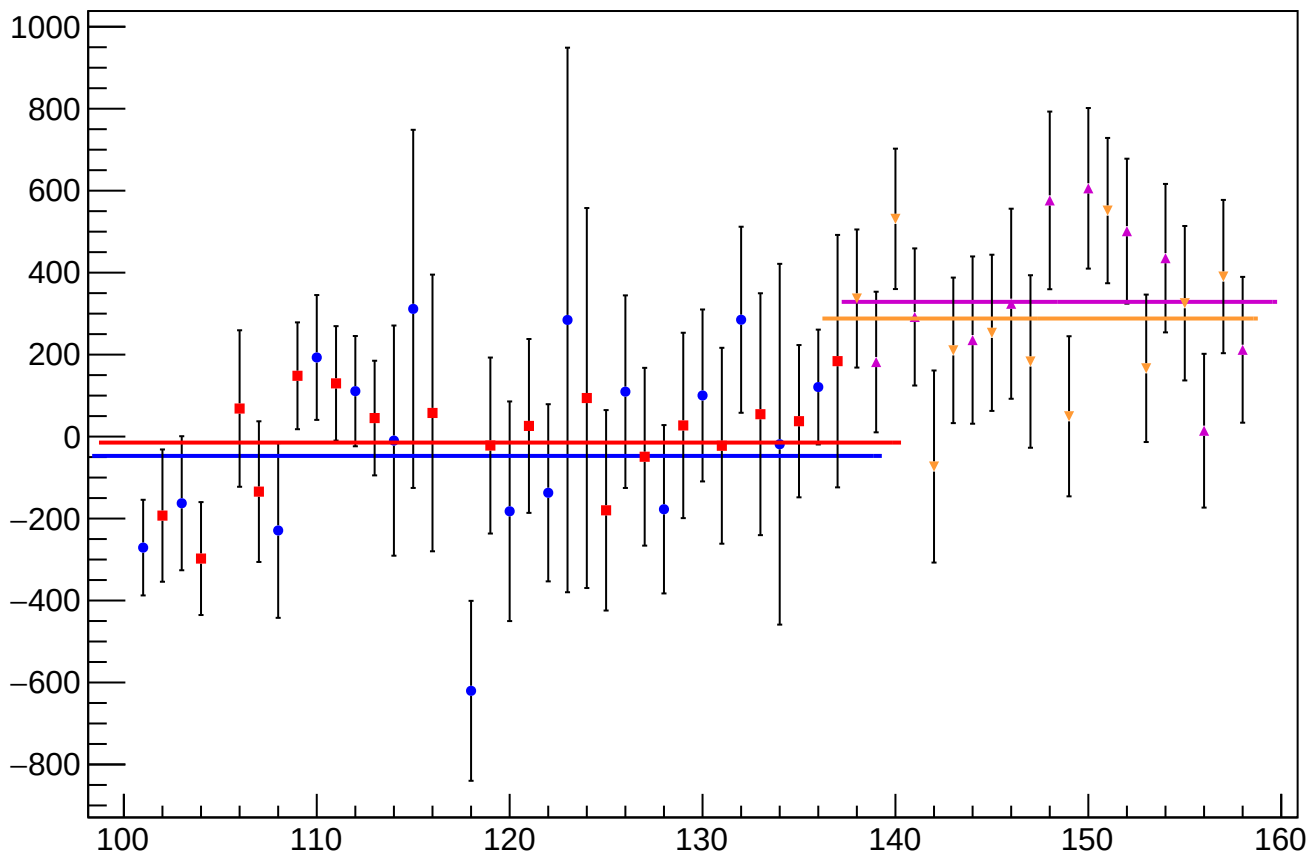
Right: 729.280 $\pm$ 0.149 χ^2 /NDF: 3411474.4/34

In: 849.363 $\pm$ 0.162 χ^2 /NDF: 2298095.4/26

Out: 818.238 $\pm$ 0.156 χ^2 /NDF: 2602107.1/28

All: 833.161 $\pm$ 0.112 χ^2 /NDF: 4919408.0/55

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -47.157 ± 47.269 $\chi^2/\text{NDF}: 21.9/16$

Left Out: 288.054 ± 56.337 $\chi^2/\text{NDF}: 9.4/10$

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: 307.259 ± 40.920 $\chi^2/\text{NDF}: 18.5/20$

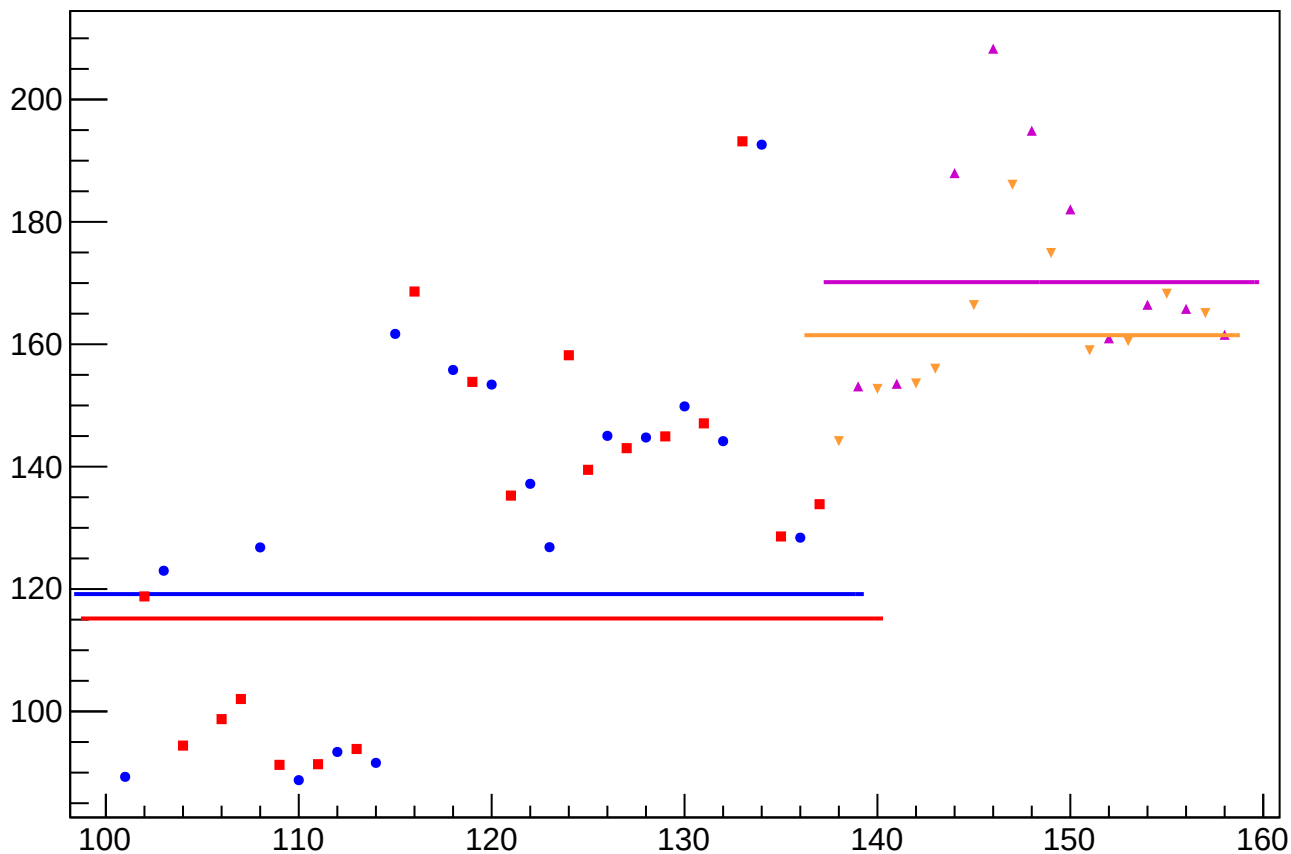
Right: -30.035 ± 32.535 $\chi^2/\text{NDF}: 32.3/34$

In: 98.171 ± 37.019 $\chi^2/\text{NDF}: 55.2/26$

Out: 102.791 ± 35.088 $\chi^2/\text{NDF}: 37.2/28$

All: 100.605 ± 25.466 $\chi^2/\text{NDF}: 92.4/55$

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 119.175+/-0.033 χ^2/NDF : 615304.2/16

Left Out: 161.485+/-0.040 χ^2/NDF : 72400.3/10

Right Out: 115.188+/-0.032 χ^2/NDF : 675564.7/17

Left In: 170.153+/-0.042 χ^2/NDF : 154239.7/9

Left: 165.580+/-0.029 χ^2/NDF : 249007.8/20

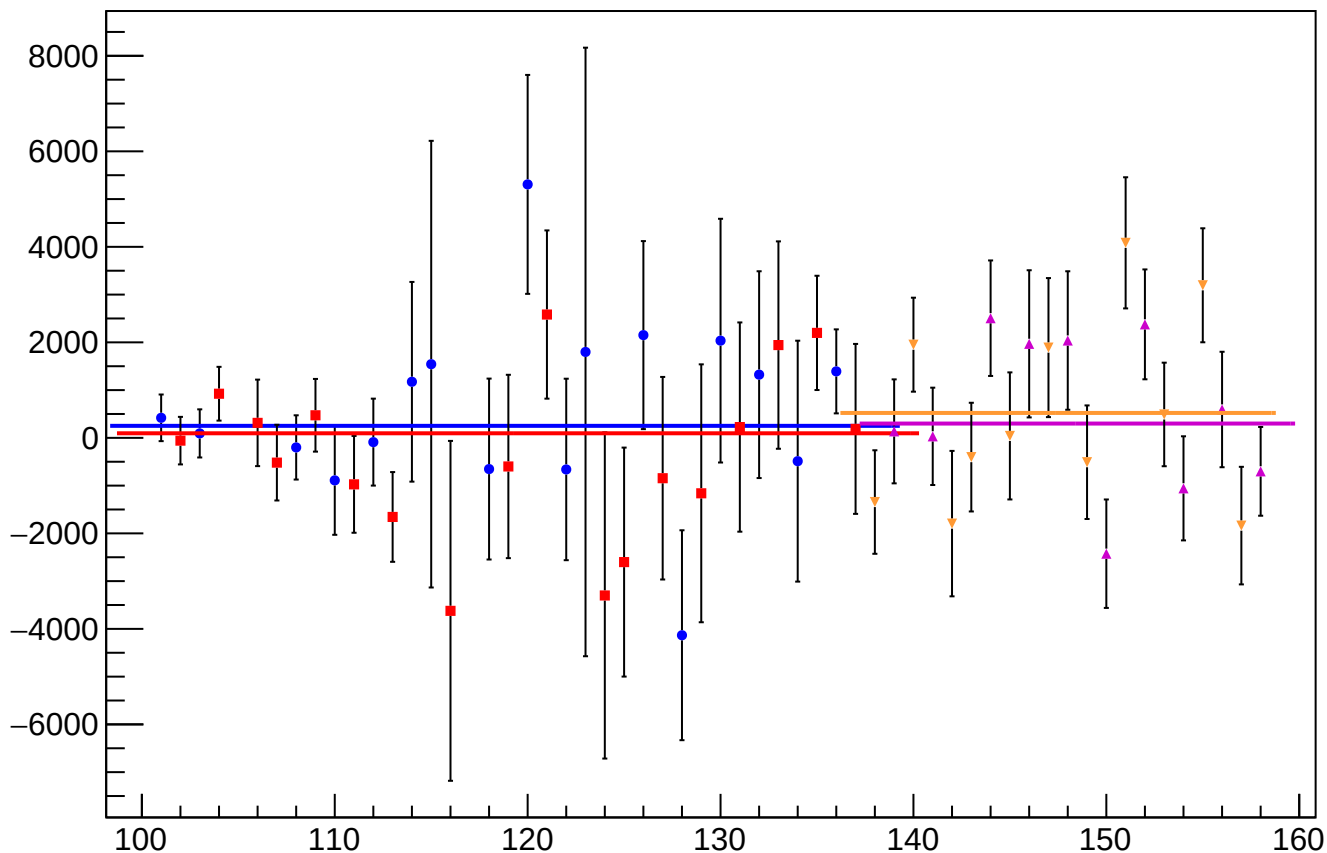
Right: 117.077+/-0.023 χ^2/NDF : 1298359.0/34

In: 138.886+/-0.026 χ^2/NDF : 1668964.7/26

Out: 133.147+/-0.025 χ^2/NDF : 1574688.3/28

All: 135.863+/-0.018 χ^2/NDF : 3268972.7/55

asym_sam6_correction_mean vs Slug, Sign Corrected



Right In: 251.733+/-252.819 χ^2/NDF : 14.9/16

Left Out: 521.857+/-363.348 χ^2/NDF : 25.2/10

Right Out: 95.805+/-245.748 χ^2/NDF : 17.5/17

Left In: 299.541+/-362.698 χ^2/NDF : 17.8/9

Left: 410.500+/-256.696 χ^2/NDF : 43.2/20

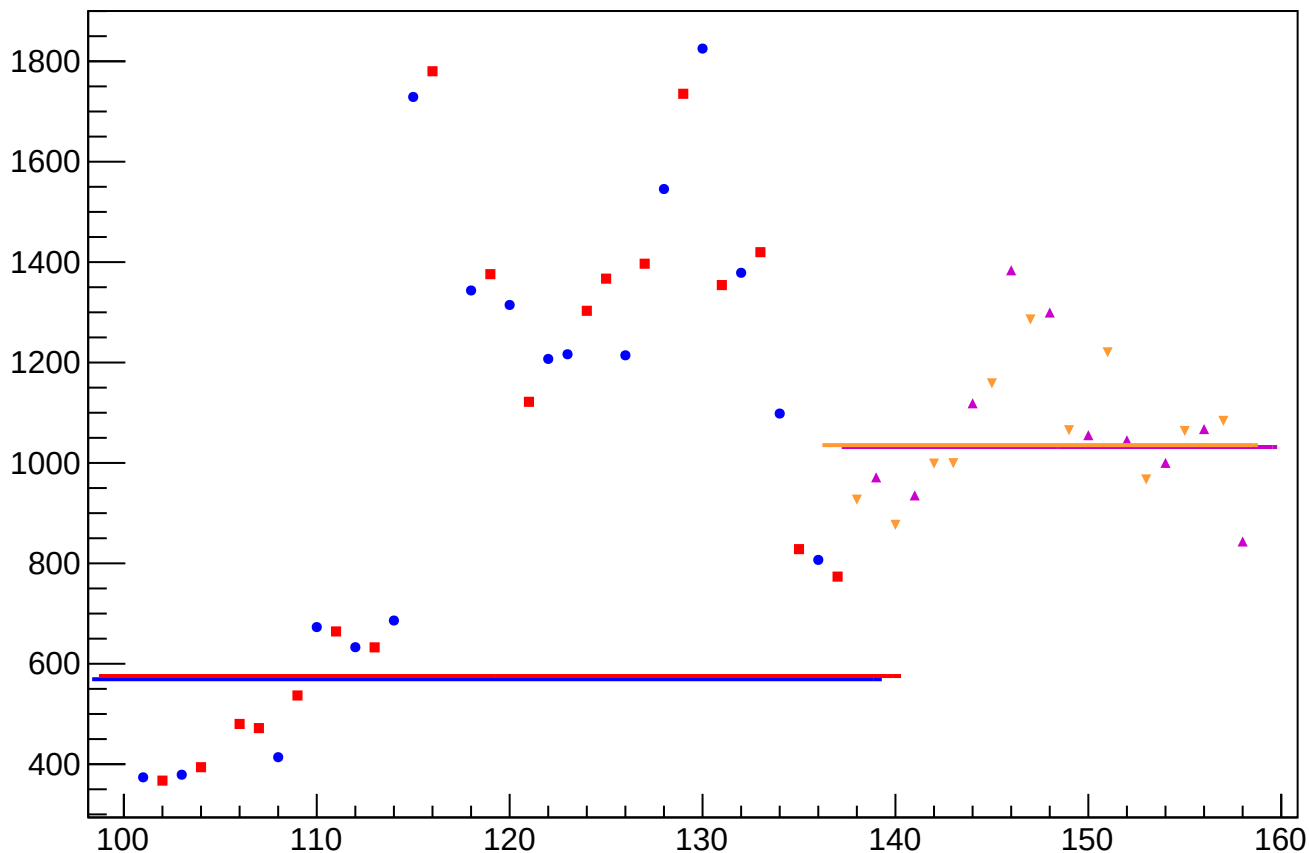
Right: 171.557+/-176.217 χ^2/NDF : 32.5/34

In: 267.366+/-207.405 χ^2/NDF : 32.7/26

Out: 229.528+/-203.561 χ^2/NDF : 43.6/28

All: 248.093+/-145.279 χ^2/NDF : 76.4/55

asym_sam6_correction_rms vs Slug, Sign Corrected



Right In: 569.200 $\pm$ 0.179 χ^2 /NDF: 3267047.1/16

Left Out: 1035.500 $\pm$ 0.257 χ^2 /NDF: 201185.4/10

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: 1033.613 $\pm$ 0.182 χ^2 /NDF: 494833.2/20

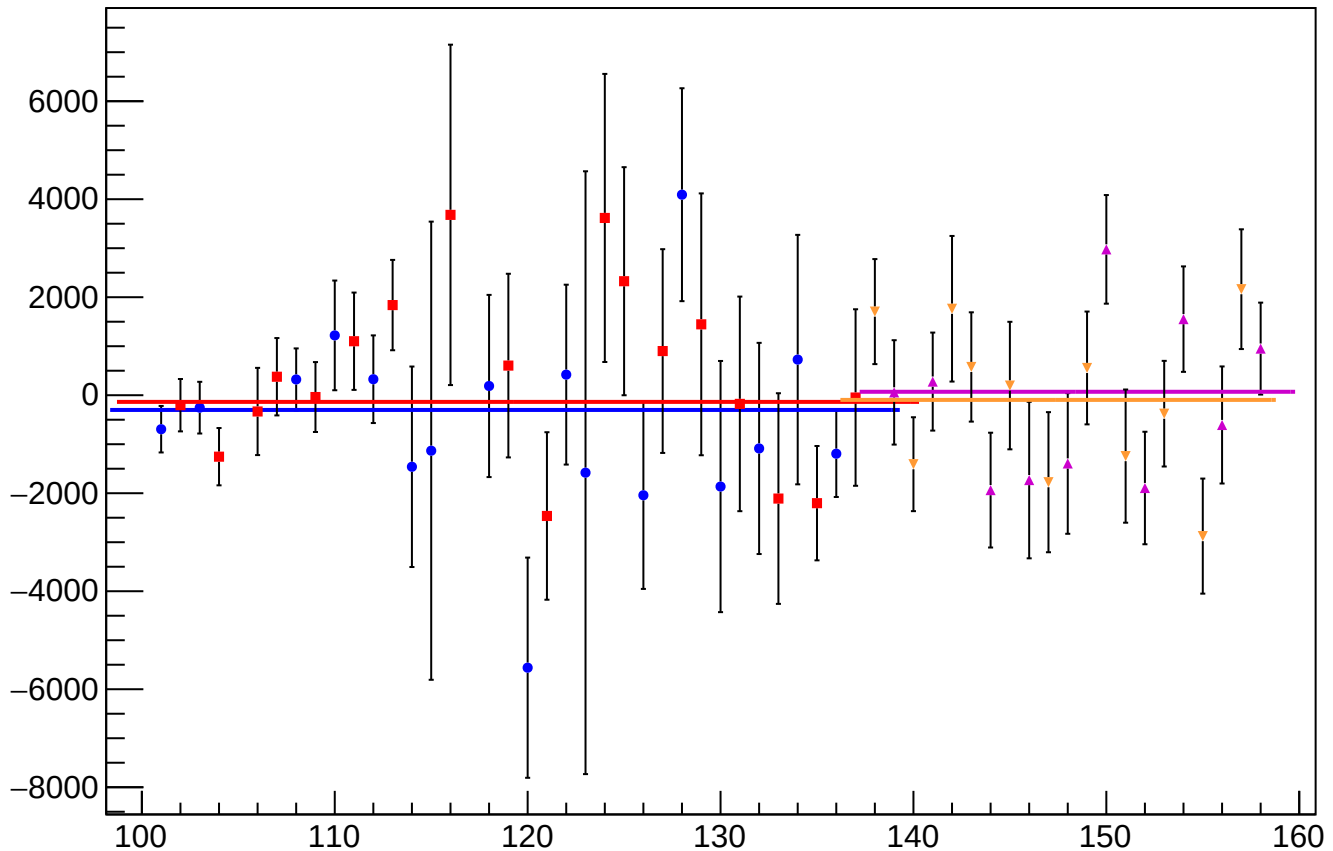
Right: 572.482 $\pm$ 0.125 χ^2 /NDF: 6325976.2/34

In: 720.447 $\pm$ 0.147 χ^2 /NDF: 5749558.4/26

Out: 719.935 $\pm$ 0.144 χ^2 /NDF: 5458092.3/28

All: 720.186 $\pm$ 0.103 χ^2 /NDF: 11207656.8/55

asym_sam6_mean vs Slug, Sign Corrected



Right In: -300.652 ± 250.302 $\chi^2/\text{NDF}: 16.7/16$

Left Out: -95.666 ± 356.956 $\chi^2/\text{NDF}: 18.2/10$

Right Out: -136.107 ± 247.692 $\chi^2/\text{NDF}: 20.9/17$

Left In: 70.185 ± 358.959 $\chi^2/\text{NDF}: 18.2/9$

Left: -13.205 ± 253.111 $\chi^2/\text{NDF}: 36.5/20$

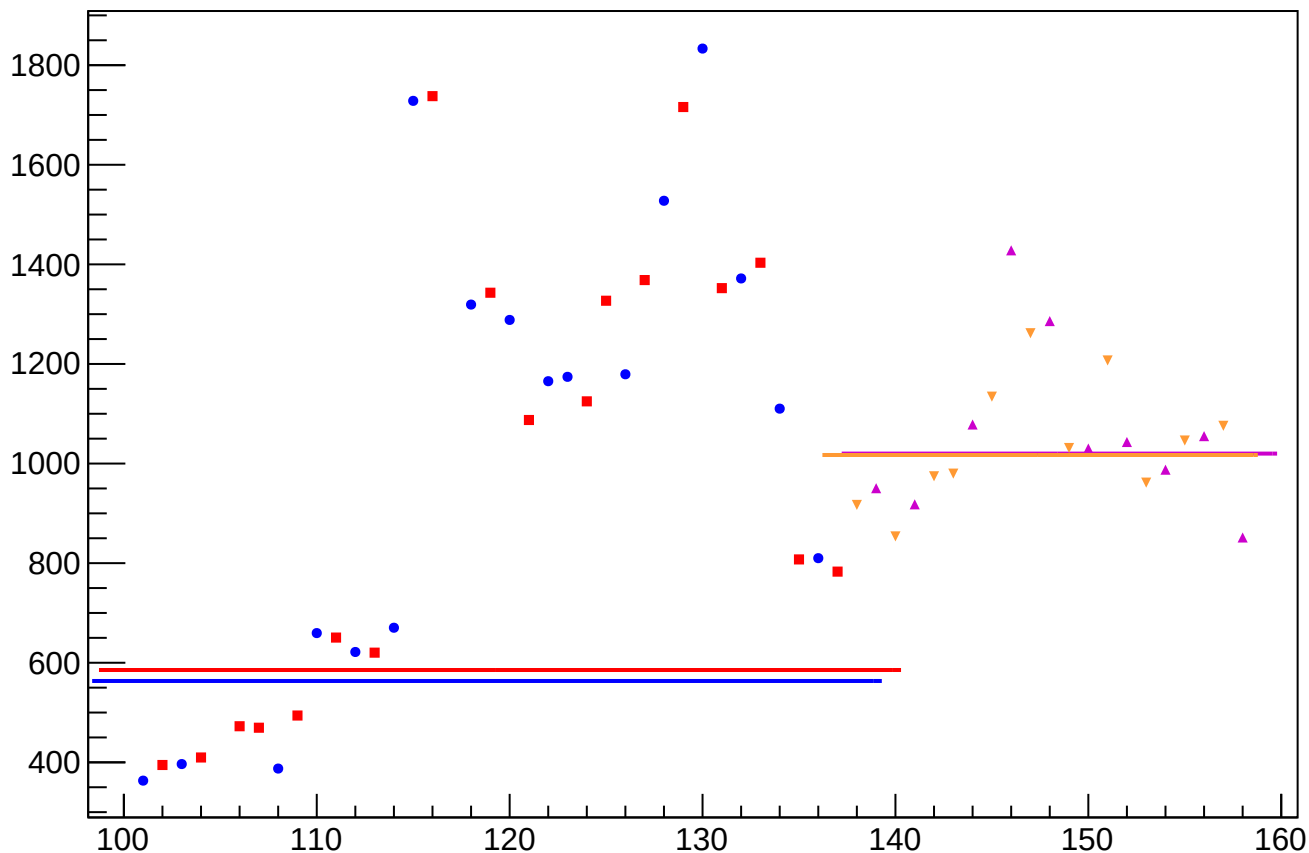
Right: -217.517 ± 176.060 $\chi^2/\text{NDF}: 37.8/34$

In: -179.331 ± 205.316 $\chi^2/\text{NDF}: 35.6/26$

Out: -122.963 ± 203.499 $\chi^2/\text{NDF}: 39.1/28$

All: -150.896 ± 144.533 $\chi^2/\text{NDF}: 74.7/55$

asym_sam6_rms vs Slug, Sign Corrected



Right In: 563.393+/-0.177 χ^2/NDF : 3259045.7/16

Left Out: 1017.205+/-0.252 χ^2/NDF : 204797.3/10

Right Out: 585.438+/-0.175 χ^2/NDF : 2818143.7/17

Left In: 1020.010+/-0.254 χ^2/NDF : 302623.7/9

Left: 1018.600+/-0.179 χ^2/NDF : 507482.5/20

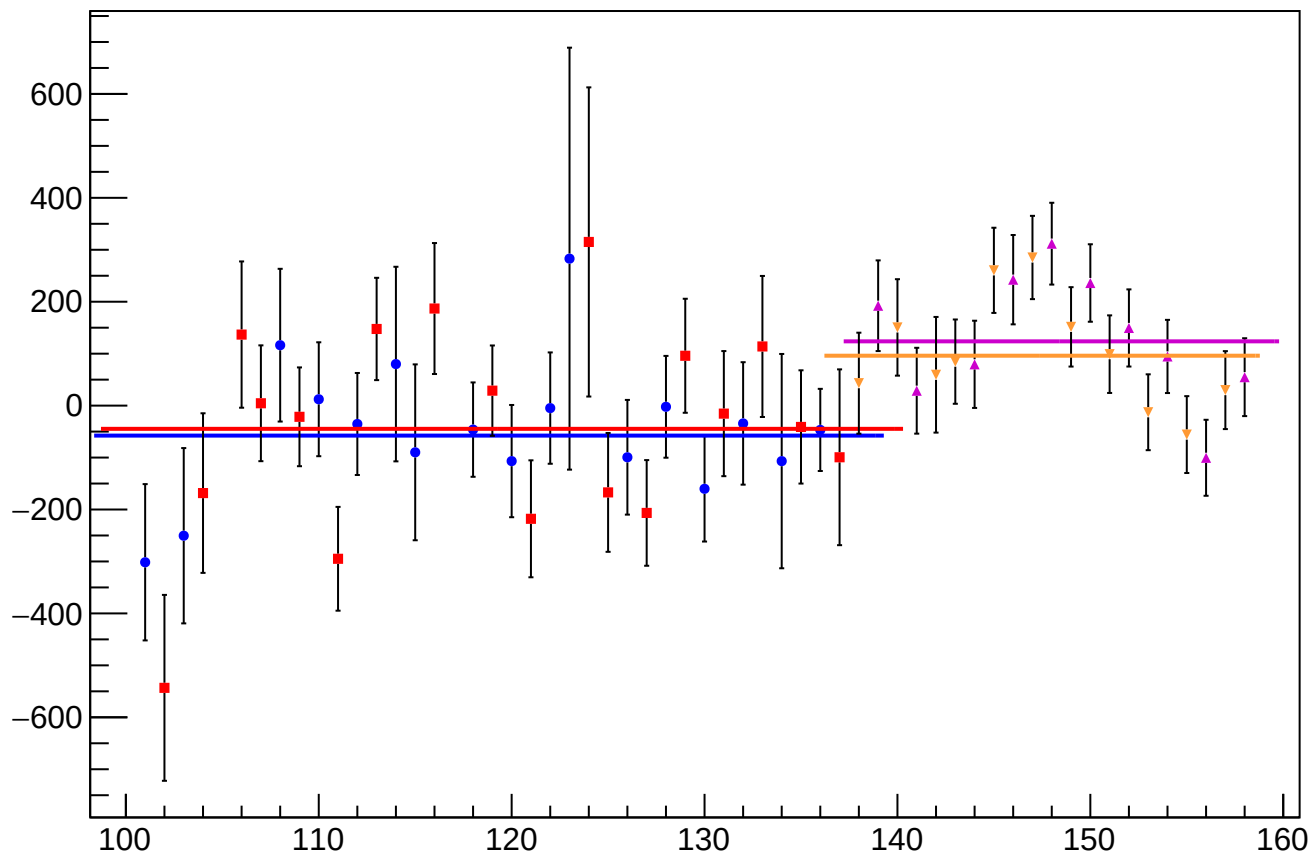
Right: 574.531+/-0.124 χ^2/NDF : 6085027.9/34

In: 712.778+/-0.145 χ^2/NDF : 5739177.6/26

Out: 725.766+/-0.144 χ^2/NDF : 4998079.8/28

All: 719.330+/-0.102 χ^2/NDF : 10741294.4/55

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.709 ± 28.693 $\chi^2/\text{NDF}: 9.1/16$

Left Out: 96.086 ± 24.564 $\chi^2/\text{NDF}: 18.1/10$

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: 109.848 ± 17.405 $\chi^2/\text{NDF}: 41.3/20$

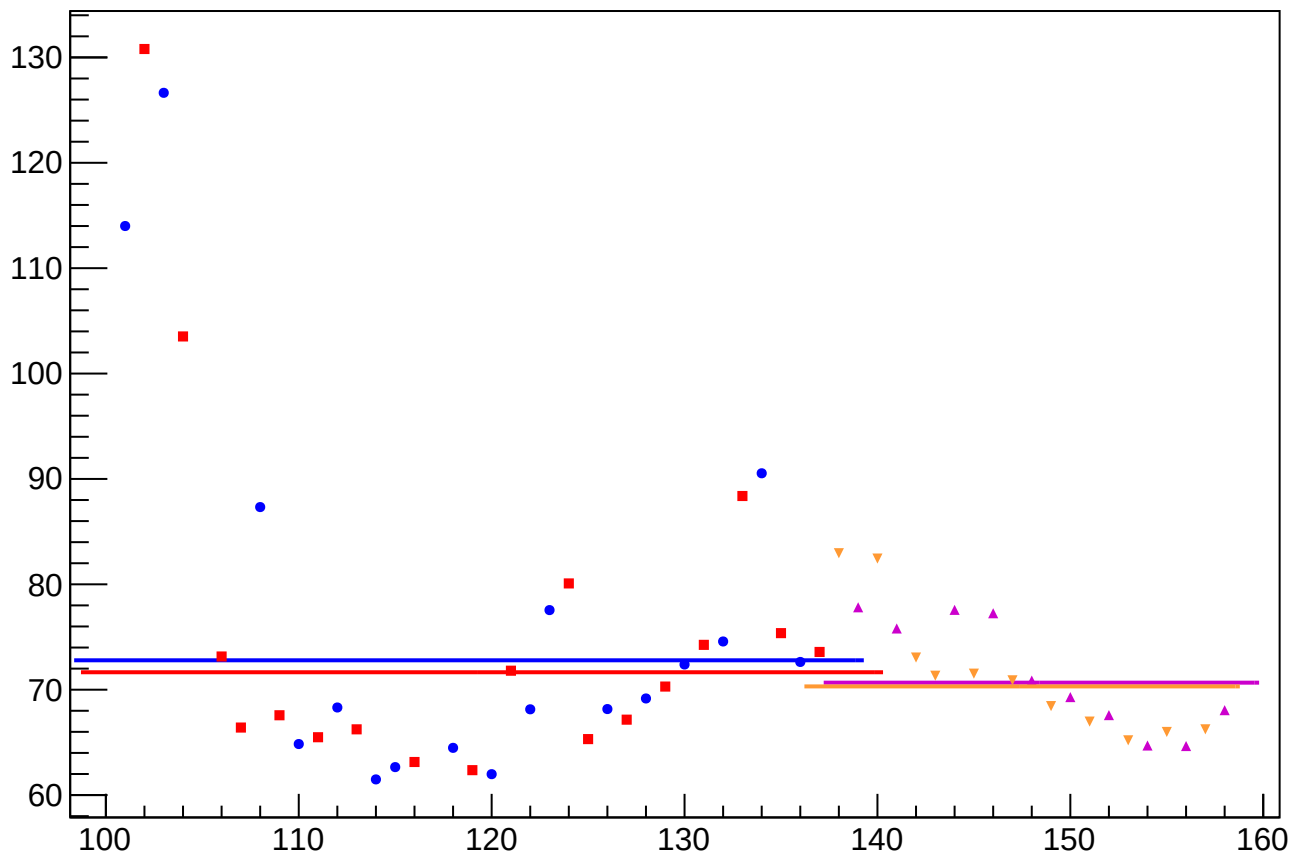
Right: -50.974 ± 19.933 $\chi^2/\text{NDF}: 44.4/34$

In: 46.627 ± 18.704 $\chi^2/\text{NDF}: 54.8/26$

Out: 34.141 ± 18.382 $\chi^2/\text{NDF}: 67.7/28$

All: 40.275 ± 13.110 $\chi^2/\text{NDF}: 122.7/55$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.790 $\pm$ 0.020 χ^2/NDF : 464772.9/16

Left Out: 70.312 $\pm$ 0.017 χ^2/NDF : 97770.0/10

Right Out: 71.655 $\pm$ 0.020 χ^2/NDF : 404376.9/17

Left In: 70.668 $\pm$ 0.017 χ^2/NDF : 80875.4/9

Left: 70.489 $\pm$ 0.012 χ^2/NDF : 178854.6/20

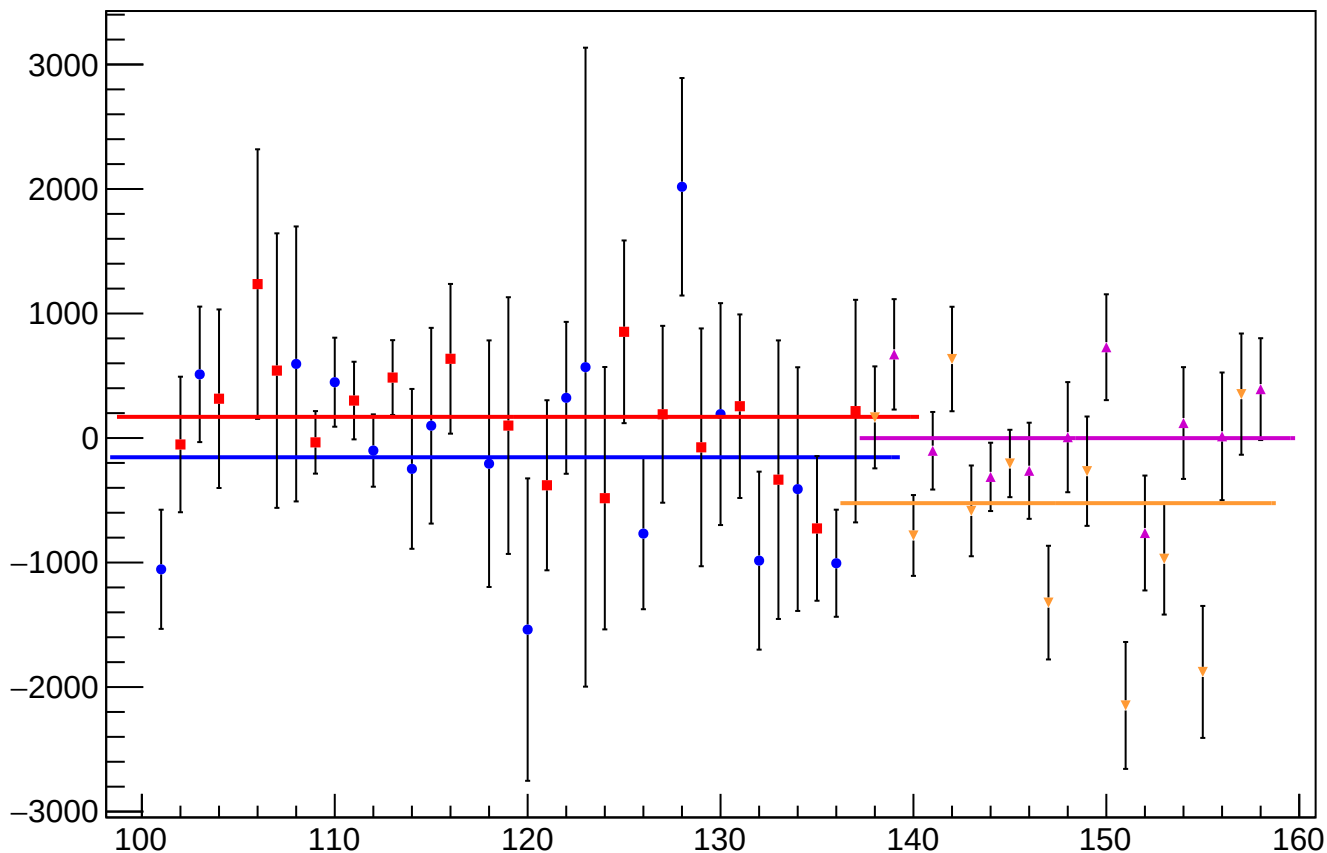
Right: 72.203 $\pm$ 0.014 χ^2/NDF : 870767.9/34

In: 71.570 $\pm$ 0.013 χ^2/NDF : 551937.8/26

Out: 70.903 $\pm$ 0.013 χ^2/NDF : 504778.5/28

All: 71.230 $\pm$ 0.009 χ^2/NDF : 1058008.5/55

asym_sam7_correction_mean vs Slug, Sign Corrected



Right In: -154.404 ± 140.700 $\chi^2/\text{NDF}: 23.2/16$

Left Out: -523.072 ± 120.460 $\chi^2/\text{NDF}: 36.8/10$

Right Out: 170.028 ± 126.220 $\chi^2/\text{NDF}: 8.4/17$

Left In: -0.905 ± 123.586 $\chi^2/\text{NDF}: 10.8/9$

Left: -268.676 ± 86.262 $\chi^2/\text{NDF}: 56.8/20$

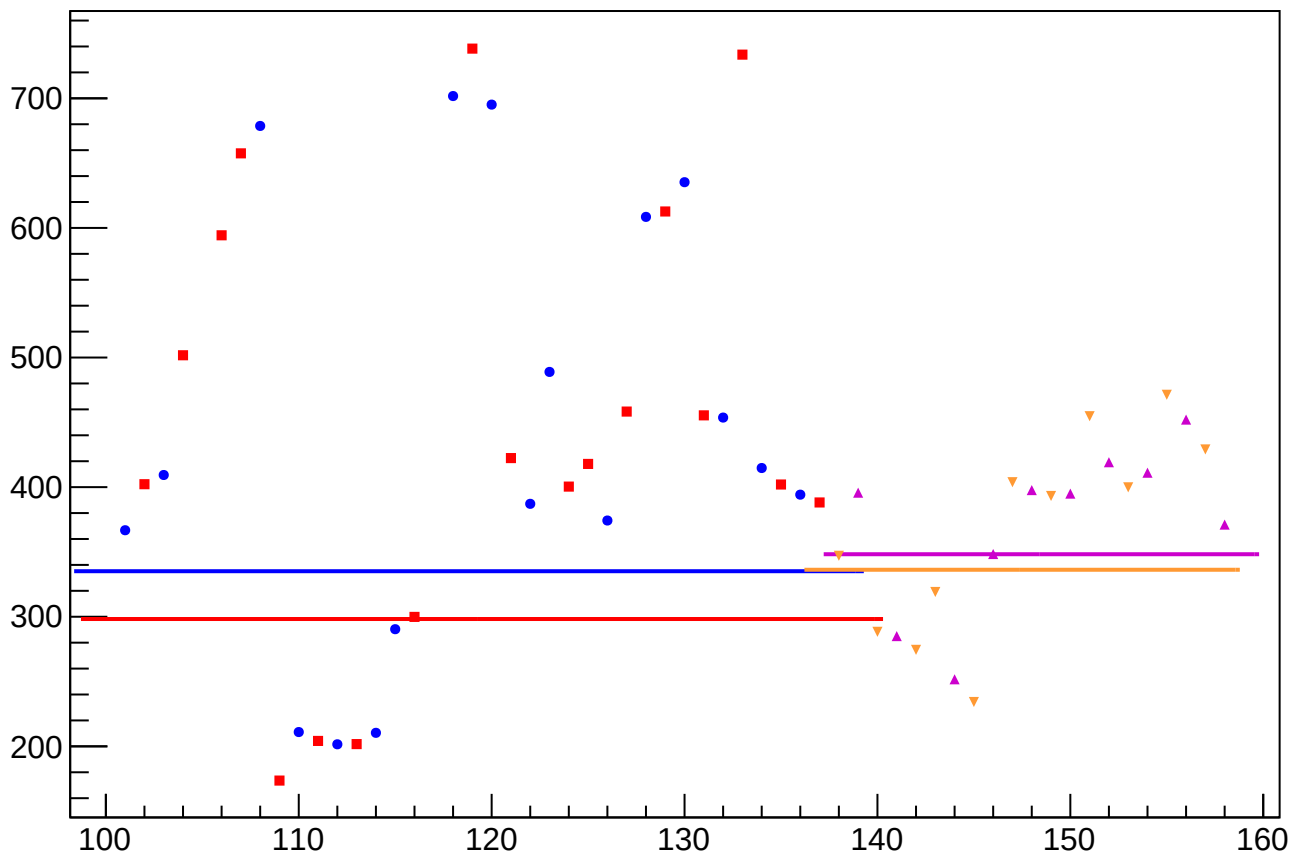
Right: 25.360 ± 93.955 $\chi^2/\text{NDF}: 34.5/34$

In: -67.756 ± 92.853 $\chi^2/\text{NDF}: 34.7/26$

Out: -192.698 ± 87.143 $\chi^2/\text{NDF}: 61.0/28$

All: -134.186 ± 63.542 $\chi^2/\text{NDF}: 96.7/55$

asym_sam7_correction_rms vs Slug, Sign Corrected



Right In: 335.134 $\pm$ 0.099 χ^2/NDF : 1994045.2/16

Left Out: 336.256 $\pm$ 0.085 χ^2/NDF : 805427.3/10

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: 342.093 $\pm$ 0.061 χ^2/NDF : 1391820.3/20

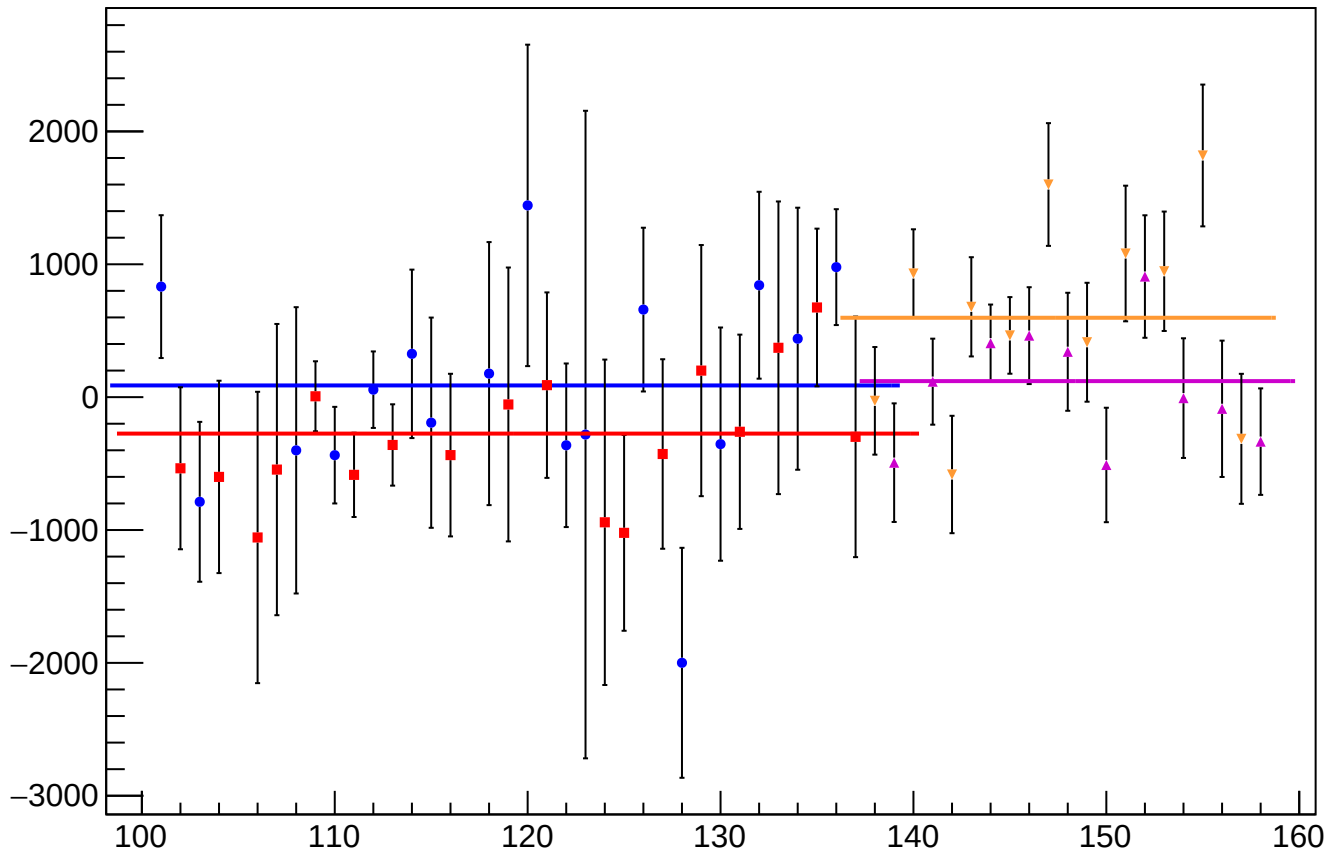
Right: 314.699 $\pm$ 0.066 χ^2/NDF : 4846742.5/34

In: 342.530 $\pm$ 0.066 χ^2/NDF : 2580589.8/26

Out: 318.142 $\pm$ 0.062 χ^2/NDF : 3676863.7/28

All: 329.563 $\pm$ 0.045 χ^2/NDF : 6330816.6/55

asym_sam7_mean vs Slug, Sign Corrected



Right In: 88.115+/-143.018 χ^2/NDF : 20.8/16

Left Out: 597.464+/-123.455 χ^2/NDF : 25.9/10

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: 361.939+/-87.819 χ^2/NDF : 43.8/20

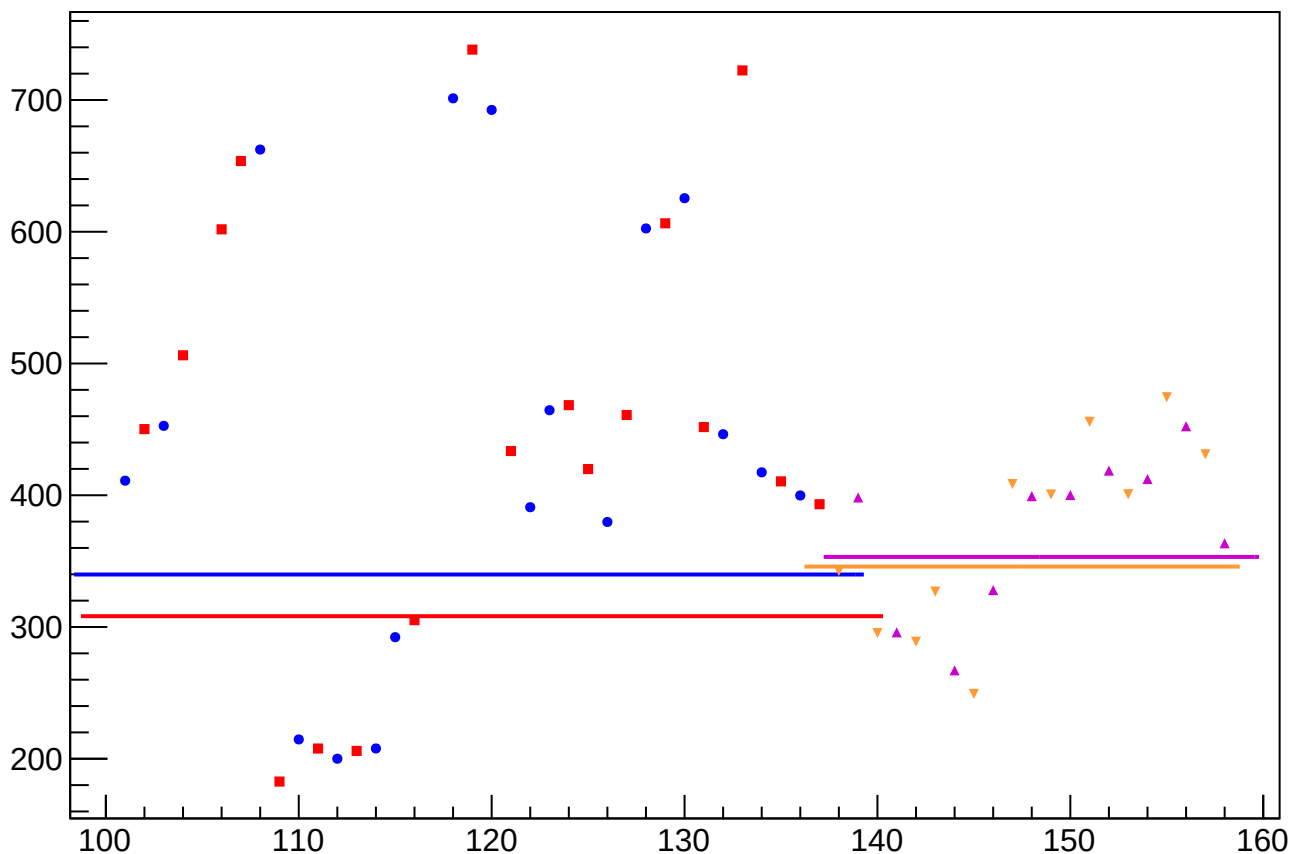
Right: -110.540+/-96.143 χ^2/NDF : 32.4/34

In: 106.587+/-94.095 χ^2/NDF : 31.4/26

Out: 183.611+/-89.477 χ^2/NDF : 57.6/28

All: 147.036+/-64.841 χ^2/NDF : 89.4/55

asym_sam7_rms vs Slug, Sign Corrected



Right In: 339.850+/-0.101 χ^2/NDF : 2043522.4/16

Left Out: 345.862+/-0.087 χ^2/NDF : 675179.1/10

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: 349.482+/-0.062 χ^2/NDF : 1143098.4/20

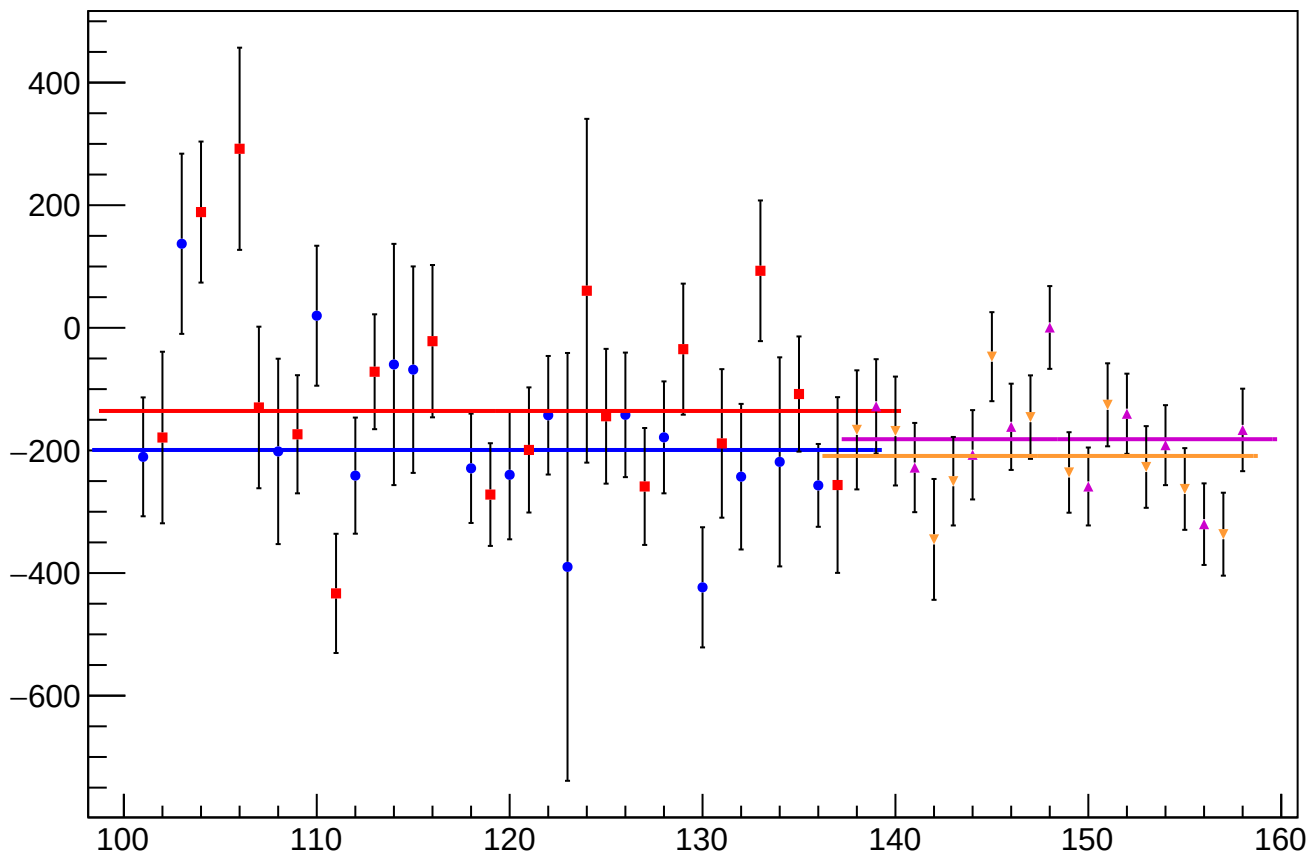
Right: 322.502+/-0.068 χ^2/NDF : 4796037.7/34

In: 347.415+/-0.067 χ^2/NDF : 2517829.0/26

Out: 327.983+/-0.063 χ^2/NDF : 3462369.6/28

All: 337.210+/-0.046 χ^2/NDF : 6024992.0/55

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -199.252 ± 26.515 $\chi^2/\text{NDF}: 17.6/16$

Left Out: -208.990 ± 22.074 $\chi^2/\text{NDF}: 14.4/10$

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: -195.072 ± 15.461 $\chi^2/\text{NDF}: 29.9/20$

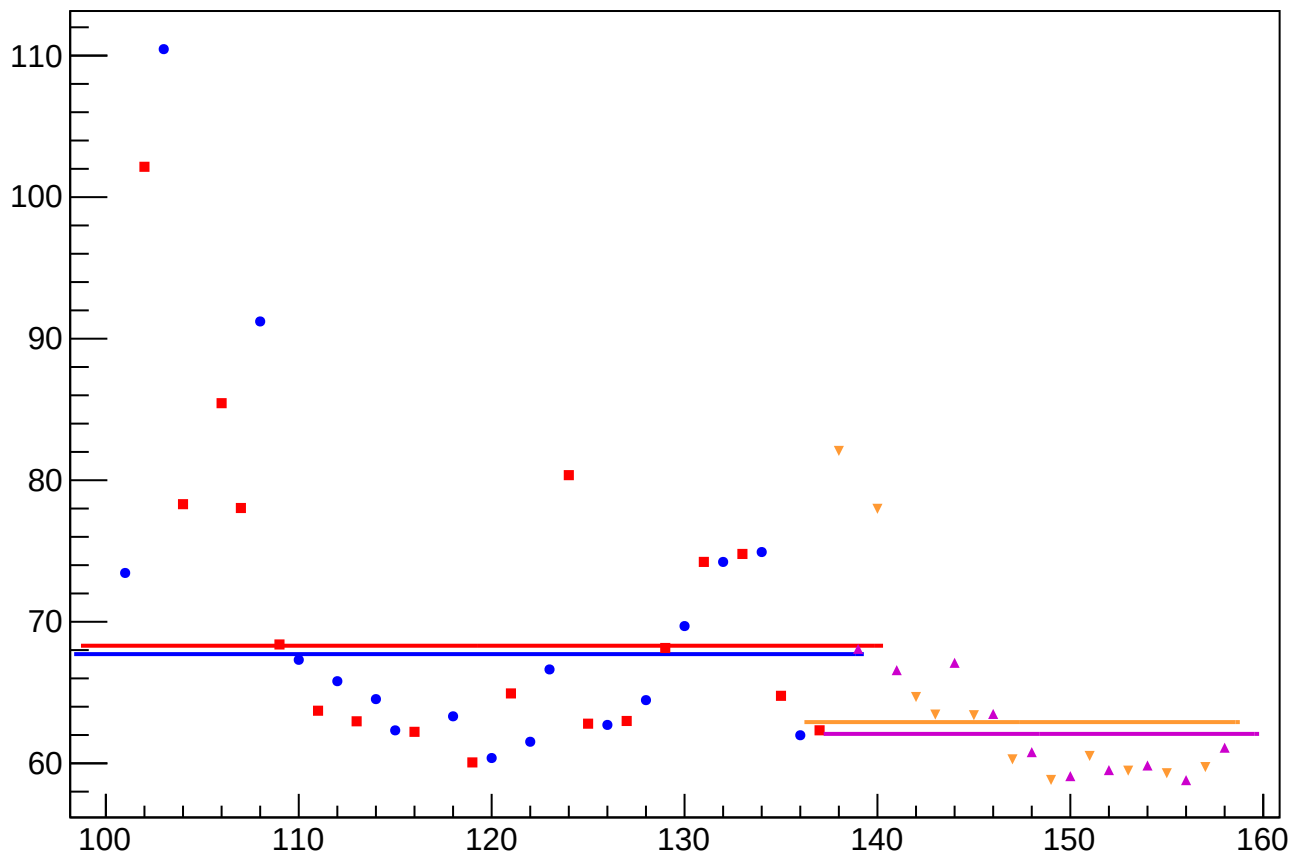
Right: -167.121 ± 18.655 $\chi^2/\text{NDF}: 57.2/34$

In: -188.707 ± 16.775 $\chi^2/\text{NDF}: 32.5/26$

Out: -178.603 ± 16.895 $\chi^2/\text{NDF}: 55.7/28$

All: -183.691 ± 11.904 $\chi^2/\text{NDF}: 88.4/55$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.715 $\pm$ 0.019 χ^2/NDF : 282892.5/16

Left Out: 62.913 $\pm$ 0.016 χ^2/NDF : 165100.1/10

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: 62.488 $\pm$ 0.011 χ^2/NDF : 212506.0/20

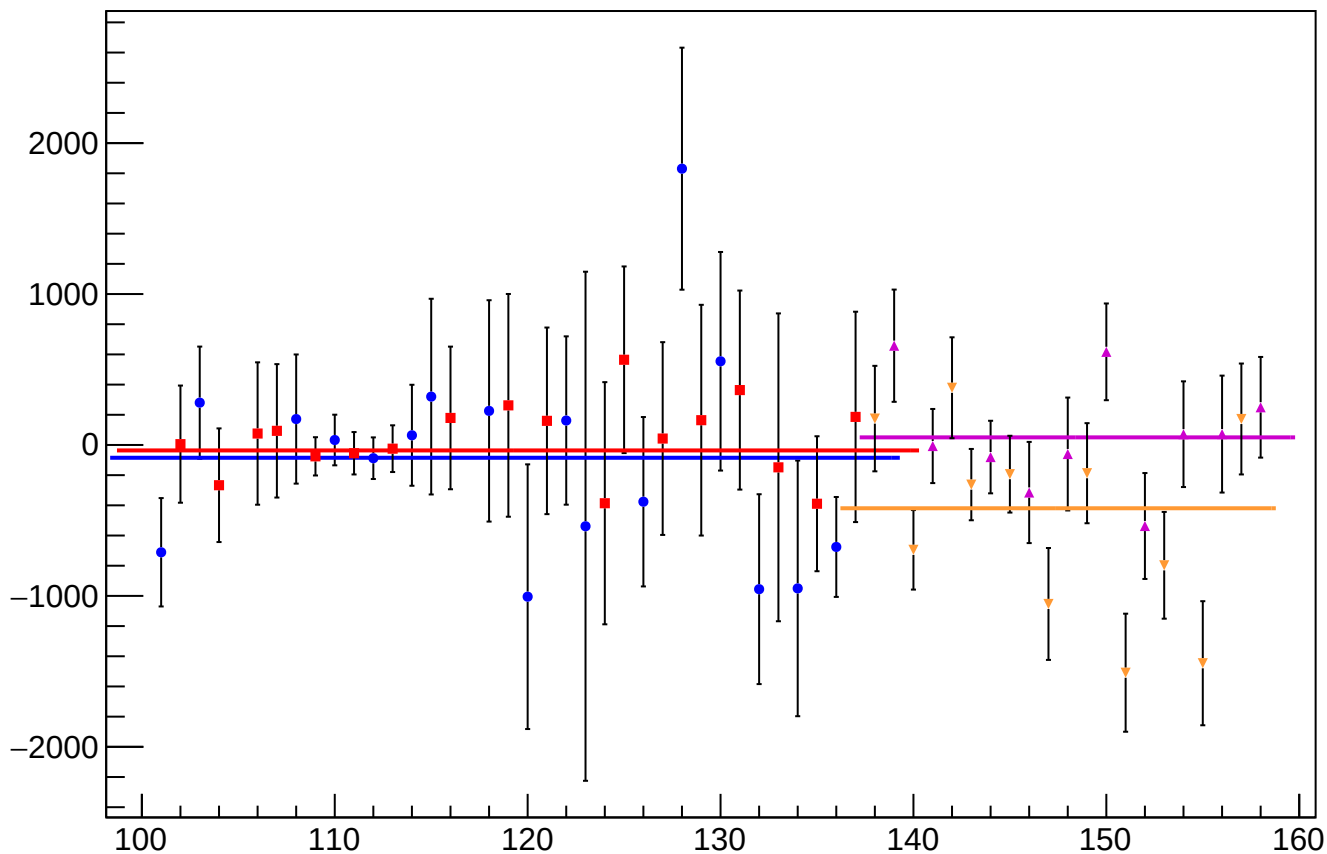
Right: 68.015 $\pm$ 0.013 χ^2/NDF : 517711.7/34

In: 64.335 $\pm$ 0.012 χ^2/NDF : 383040.9/26

Out: 65.148 $\pm$ 0.012 χ^2/NDF : 448909.1/28

All: 64.738 $\pm$ 0.008 χ^2/NDF : 834277.7/55

asym_sam8_correction_mean vs Slug, Sign Corrected



Right In: -84.759 $\pm$ 82.667 χ^2/NDF : 19.9/16

Left Out: -419.358 $\pm$ 95.720 χ^2/NDF :32.1/10

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: -196.144 $\pm$ 69.342 χ^2/NDF : 54.1/20

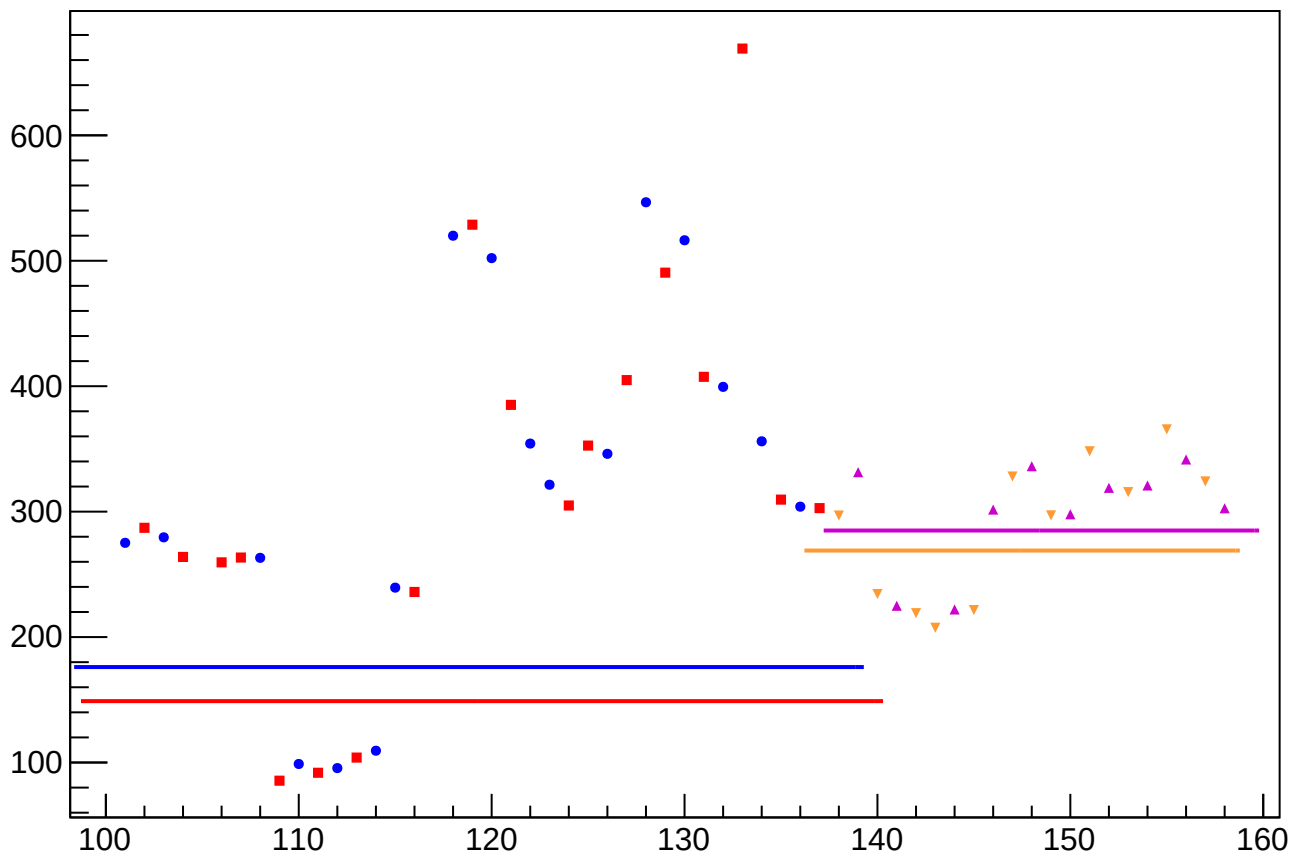
Right: -56.354 $\pm$ 53.310 χ^2/NDF : 23.5/34

In: -30.288 $\pm$ 63.867 χ^2/NDF :31.6/26

Out: -169.045 $\pm$ 56.371 χ^2/NDF :46.0/28

All: -108.283 $\pm$ 42.263 χ^2/NDF : 80.2/55

asym_sam8_correction_rms vs Slug, Sign Corrected



Right In: 176.096+/-0.058 χ^2/NDF : 4223651.6/16

Left Out: 268.993+/-0.068 χ^2/NDF : 634392.7/10

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: 276.574+/-0.049 χ^2/NDF : 1082493.4/20

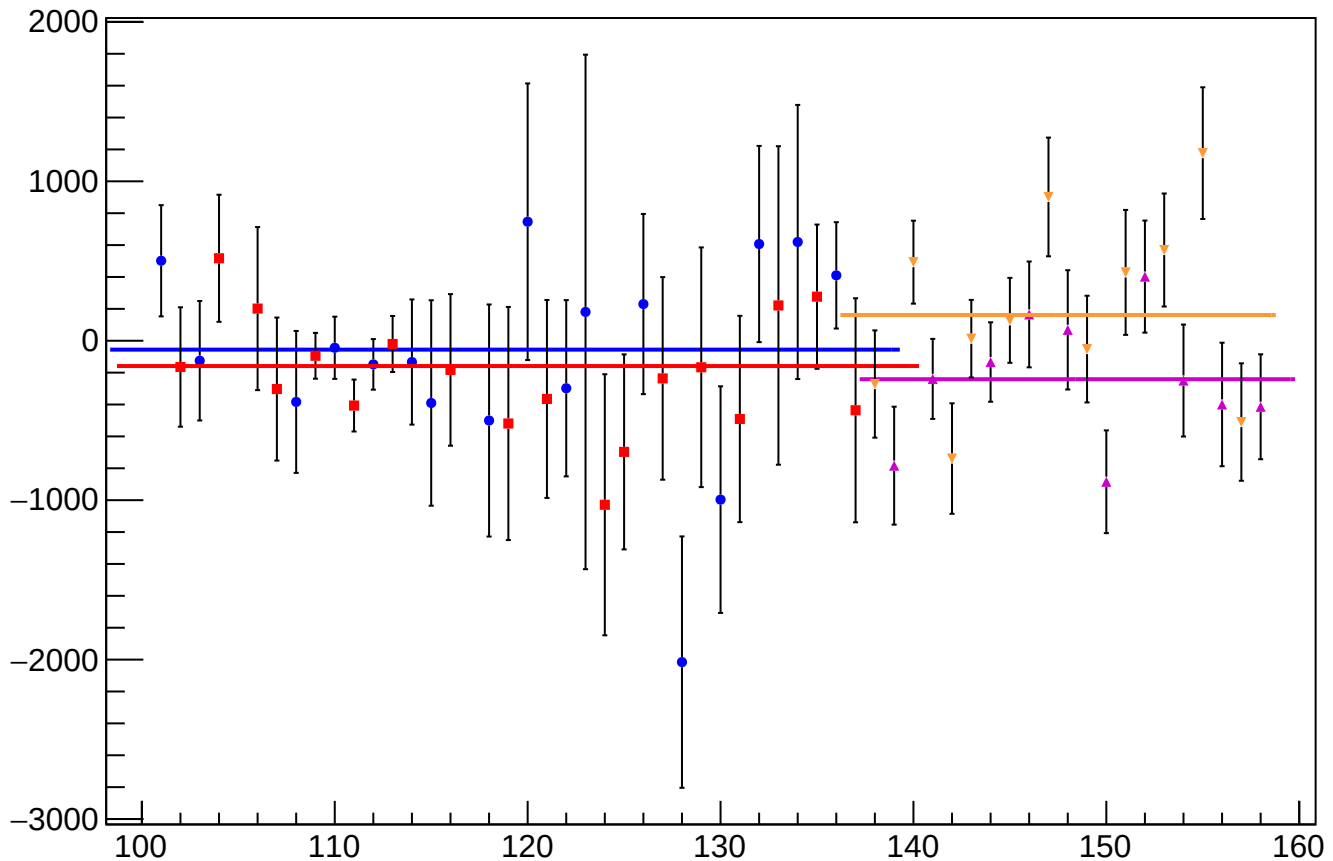
Right: 160.228+/-0.038 χ^2/NDF : 9120718.3/34

In: 219.977+/-0.045 χ^2/NDF : 6043215.5/26

Out: 190.572+/-0.040 χ^2/NDF : 7460515.8/28

All: 203.448+/-0.030 χ^2/NDF : 13742036.1/55

asym_sam8_mean vs Slug, Sign Corrected



Right In: -55.724+/-90.572 χ^2/NDF : 17.1/16

Left Out: 161.544+/-96.766 χ^2/NDF : 25.9/10

Right Out: -158.676+/-77.072 χ^2/NDF : 10.4/17

Left In: -241.204+/-101.397 χ^2/NDF : 12.3/9

Left: -30.424+/-70.004 χ^2/NDF : 46.5/20

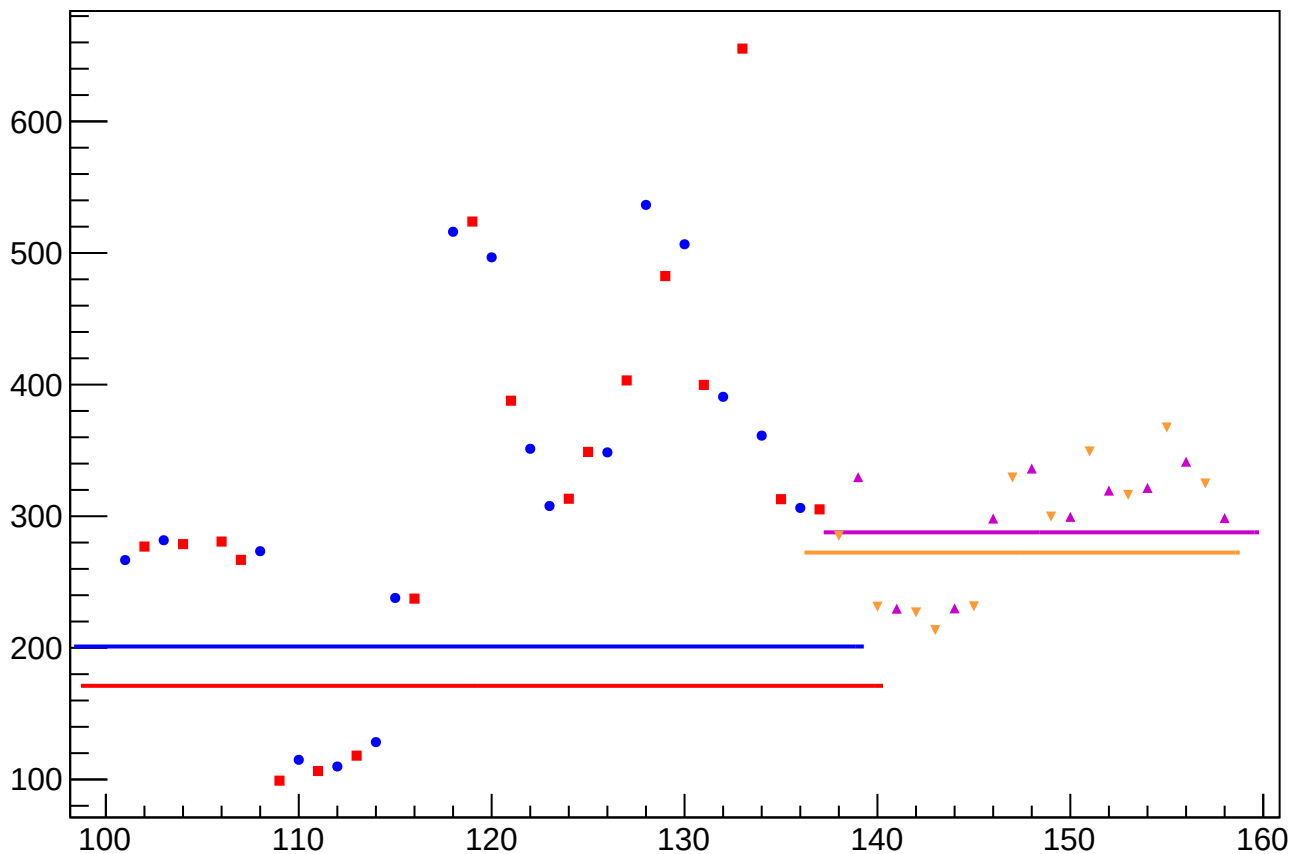
Right: -115.437+/-58.697 χ^2/NDF : 28.3/34

In: -138.038+/-67.548 χ^2/NDF : 31.3/26

Out: -34.383+/-60.287 χ^2/NDF : 43.0/28

All: -80.342+/-44.978 χ^2/NDF : 75.6/55

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.036 $\pm$ 0.064 χ^2/NDF : 3433026.4/16

Left Out: 272.395 $\pm$ 0.068 χ^2/NDF : 565755.3/10

Right Out: 171.159 $\pm$ 0.054 χ^2/NDF : 4065598.7/17

Left In: 287.772 $\pm$ 0.072 χ^2/NDF : 353538.7/9

Left: 279.724 $\pm$ 0.050 χ^2/NDF : 943367.2/20

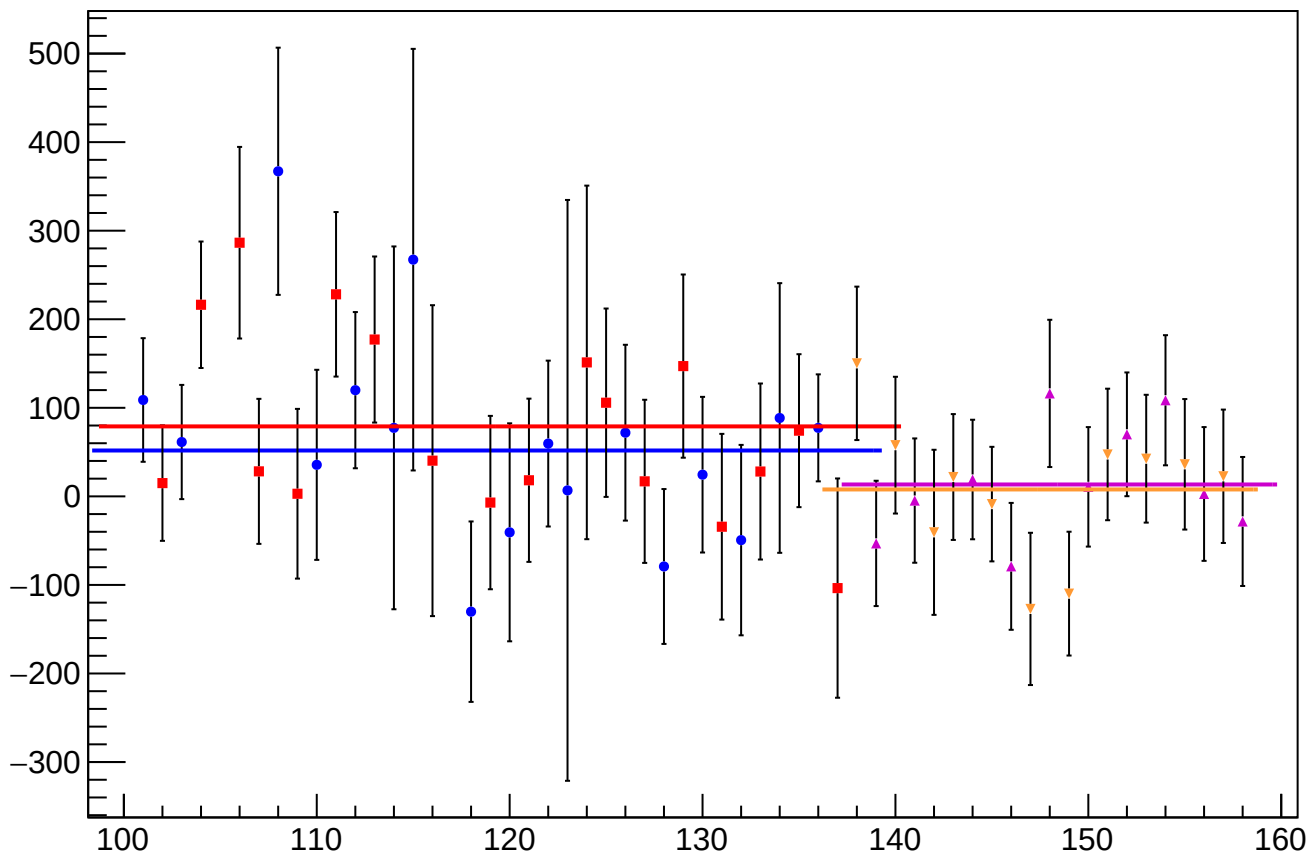
Right: 183.707 $\pm$ 0.042 χ^2/NDF : 7624855.0/34

In: 239.529 $\pm$ 0.048 χ^2/NDF : 4600542.2/26

Out: 210.453 $\pm$ 0.043 χ^2/NDF : 5970715.7/28

All: 223.345 $\pm$ 0.032 χ^2/NDF : 10777518.2/55

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 51.799 $\pm$ 23.538 χ^2 /NDF: 14.5/16

Left Out: 7.799 $\pm$ 22.780 χ^2 /NDF: 9.5/10

Right Out: 79.008 $\pm$ 22.499 χ^2 /NDF: 19.0/17

Left In: 13.423 $\pm$ 22.732 χ^2 /NDF: 6.8/9

Left: 10.617 $\pm$ 16.091 χ^2 /NDF: 16.4/20

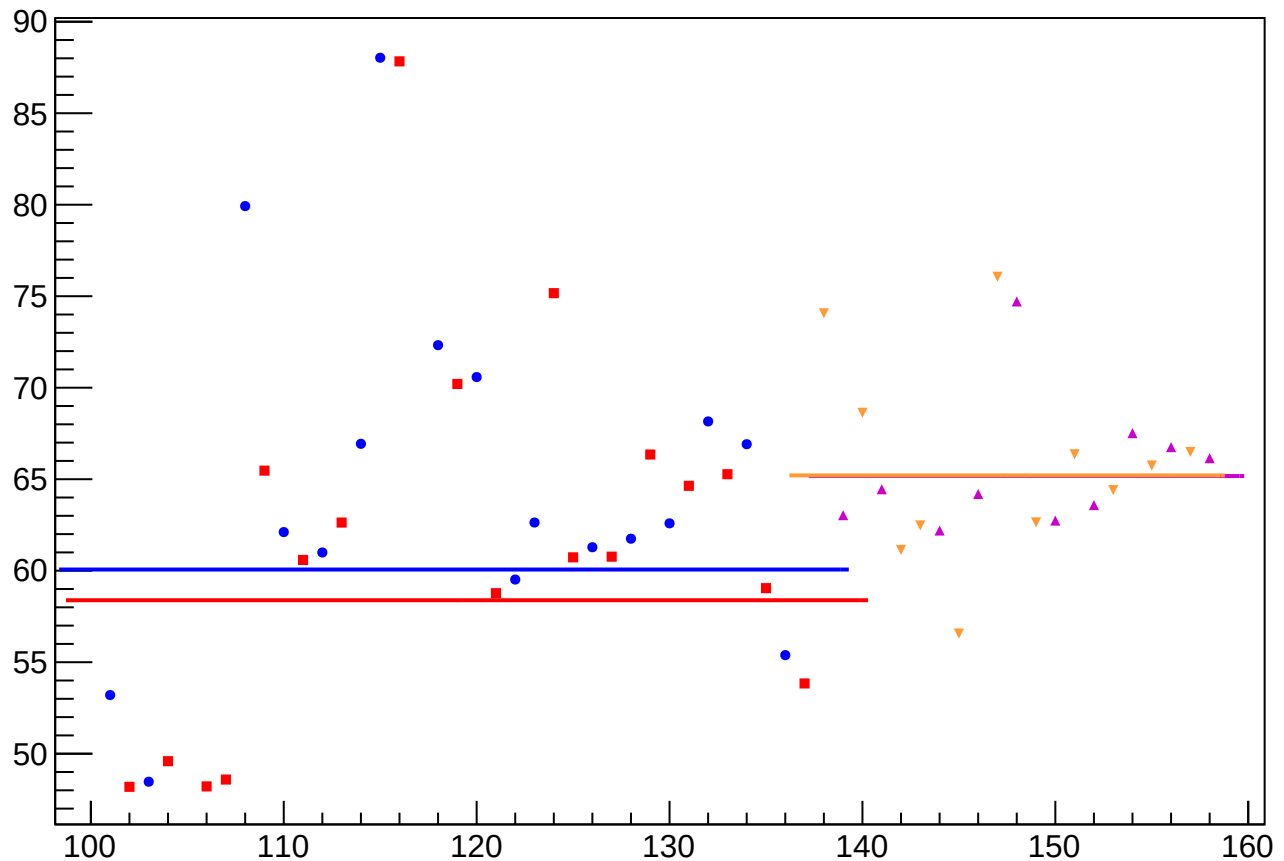
Right: 66.018 $\pm$ 16.264 χ^2 /NDF: 34.2/34

In: 31.943 $\pm$ 16.351 χ^2 /NDF: 22.7/26

Out: 43.846 $\pm$ 16.008 χ^2 /NDF: 33.4/28

All: 38.020 $\pm$ 11.439 χ^2 /NDF: 56.4/55

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: 65.209 $\pm$ 0.016 χ^2 /NDF:103353.6/10

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: 65.191 $\pm$ 0.011 χ^2 /NDF: 142905.3/20

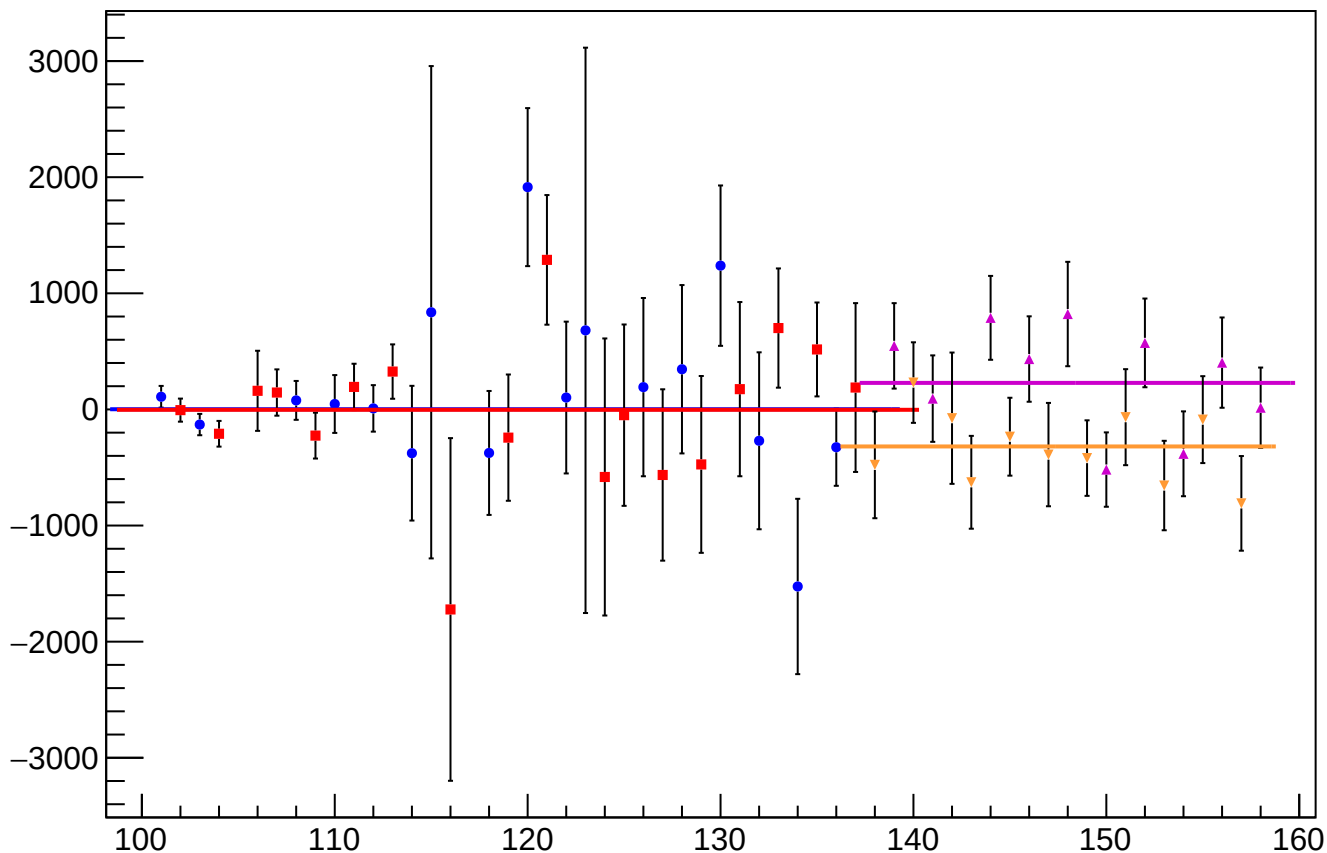
Right: 59.188 $\pm$ 0.012 χ^2 /NDF: 509429.8/34

In: 62.708 $\pm$ 0.012 χ^2 /NDF:317375.6/26

Out: 61.756 $\pm$ 0.011 χ^2 /NDF:469164.9/28

All: 62.222 $\pm$ 0.008 χ^2 /NDF: 790006.6/55

asym_sam_15_avg_correction_mean vs Slug, Sign Corrected



Right In: 1.581 $\pm$ 54.284 χ^2 /NDF: 21.4/16

Left Out: -318.879 $\pm$ 118.201 χ^2 /NDF: 6.6/10

Right Out: -3.242 $\pm$ 56.611 χ^2 /NDF: 20.2/17

Left In: 228.513 $\pm$ 116.498 χ^2 /NDF: 15.0/9

Left: -41.212 $\pm$ 82.972 χ^2 /NDF: 32.4/20

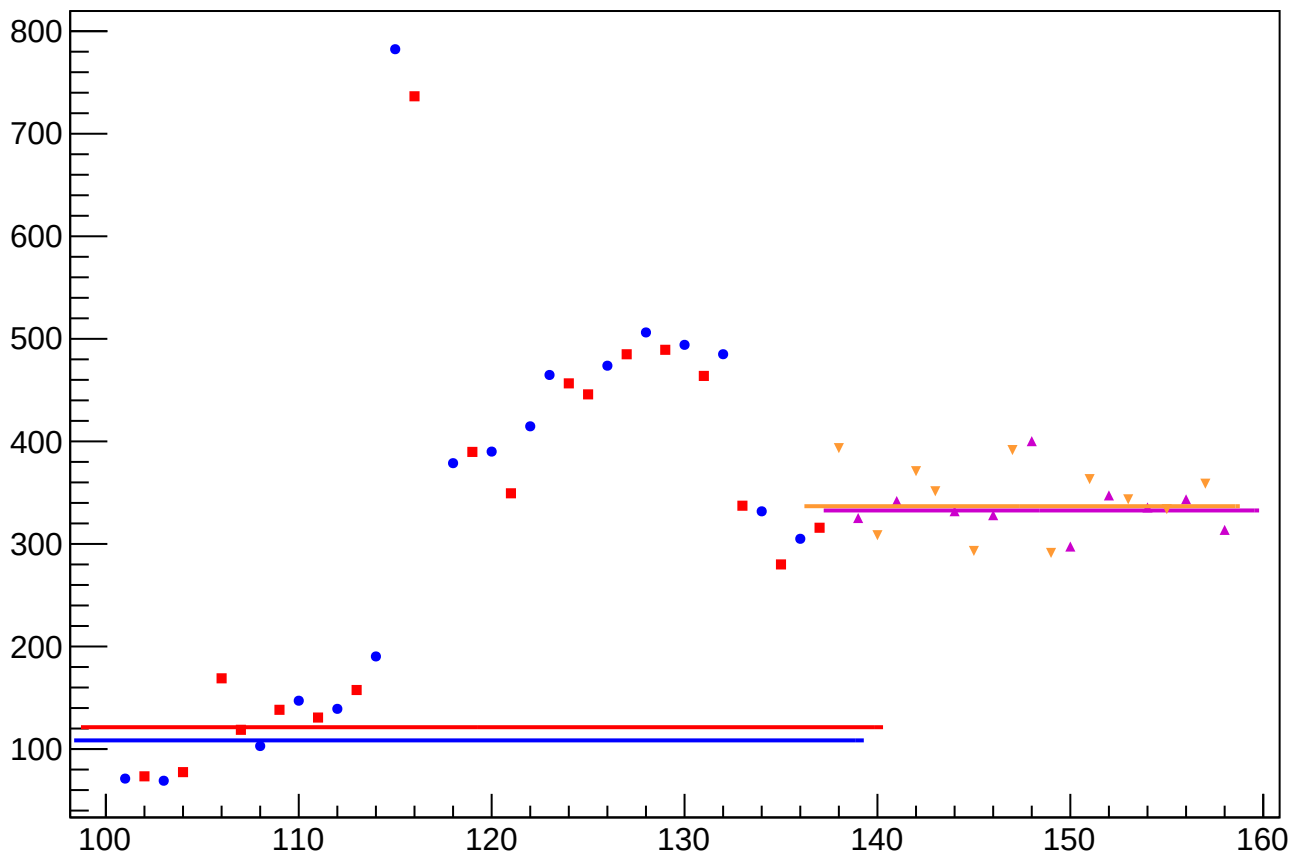
Right: -0.730 $\pm$ 39.182 χ^2 /NDF: 41.6/34

In: 42.063 $\pm$ 49.205 χ^2 /NDF: 39.5/26

Out: -62.135 $\pm$ 51.058 χ^2 /NDF: 32.6/28

All: -8.111 $\pm$ 35.430 χ^2 /NDF: 74.2/55

asym_sam_15_avg_correction_rms vs Slug, Sign Corrected



Right In: 108.445+/-0.038 χ^2/NDF : 5404107.9/16

Left Out: 336.802+/-0.084 χ^2/NDF : 171670.1/10

Right Out: 121.303+/-0.040 χ^2/NDF : 4731568.2/17

Left In: 332.650+/-0.082 χ^2/NDF : 82314.5/9

Left: 334.696+/-0.059 χ^2/NDF : 255236.7/20

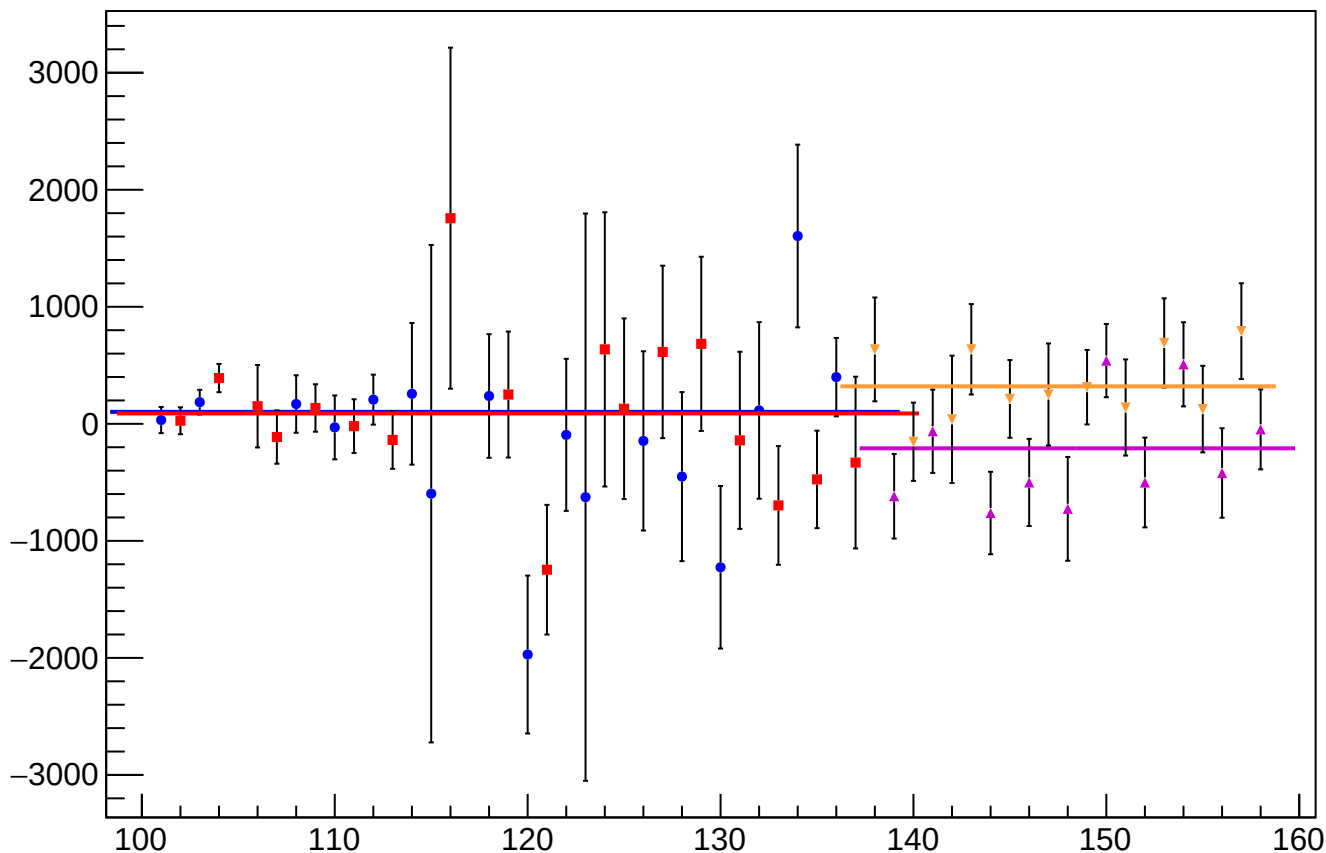
Right: 114.604+/-0.028 χ^2/NDF : 10189429.3/34

In: 148.441+/-0.035 χ^2/NDF : 11572624.5/26

Out: 161.512+/-0.036 χ^2/NDF : 10310636.5/28

All: 154.735+/-0.025 χ^2/NDF : 21951223.0/55

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 102.221 $\pm$ 63.127 χ^2 /NDF: 20.3/16

Left Out: 320.402 $\pm$ 115.923 χ^2 /NDF:6.3/10

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: 52.671 $\pm$ 81.521 χ^2 /NDF: 33.6/20

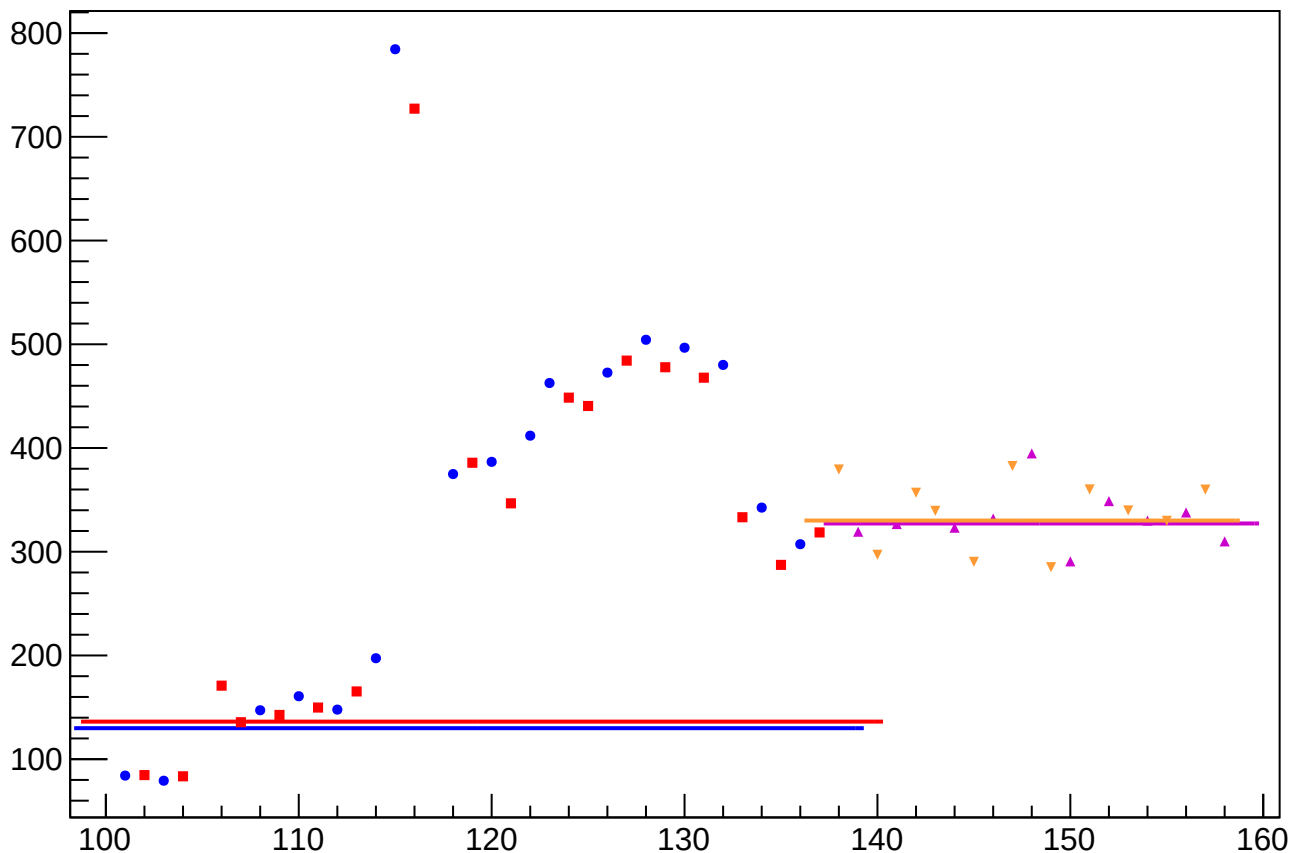
Right: 95.435 $\pm$ 44.317 χ^2 /NDF: 42.0/34

In: 29.768 $\pm$ 55.300 χ^2 /NDF:42.6/26

Out: 140.644 $\pm$ 54.829 χ^2 /NDF:31.2/28

All: 85.680 $\pm$ 38.936 χ^2 /NDF: 75.8/55

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 129.884+/-0.045 χ^2/NDF : 4829521.2/16

Left Out: 330.074+/-0.082 χ^2/NDF : 170585.1/10

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: 328.643+/-0.058 χ^2/NDF : 259481.1/20

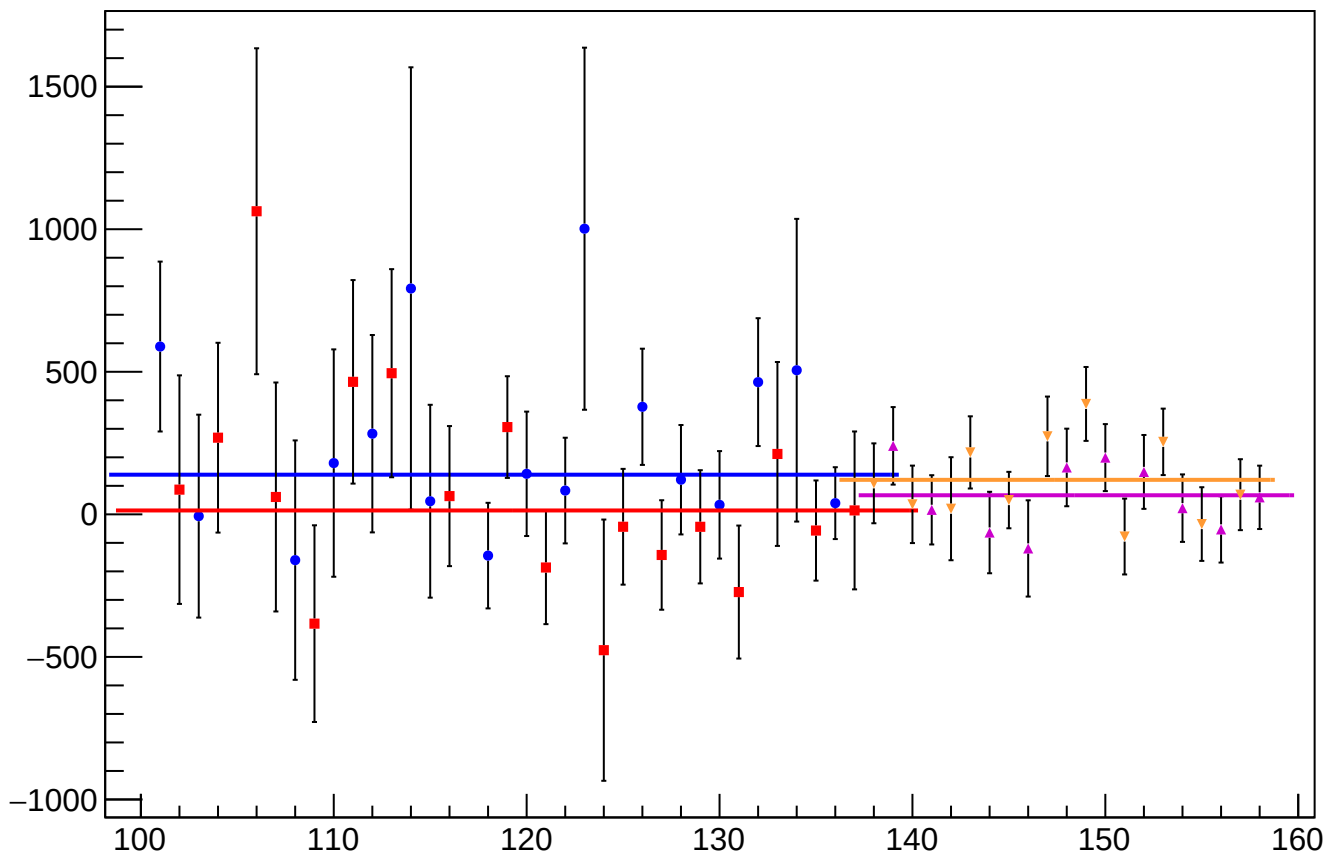
Right: 133.100+/-0.031 χ^2/NDF : 9122555.3/34

In: 175.790+/-0.039 χ^2/NDF : 9464750.1/26

Out: 179.591+/-0.039 χ^2/NDF : 8794923.7/28

All: 177.707+/-0.028 χ^2/NDF : 18264440.3/55

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: 121.024 $\pm$ 38.750 χ^2 /NDF:12.4/10

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: 94.983 $\pm$ 27.903 χ^2 /NDF: 20.6/20

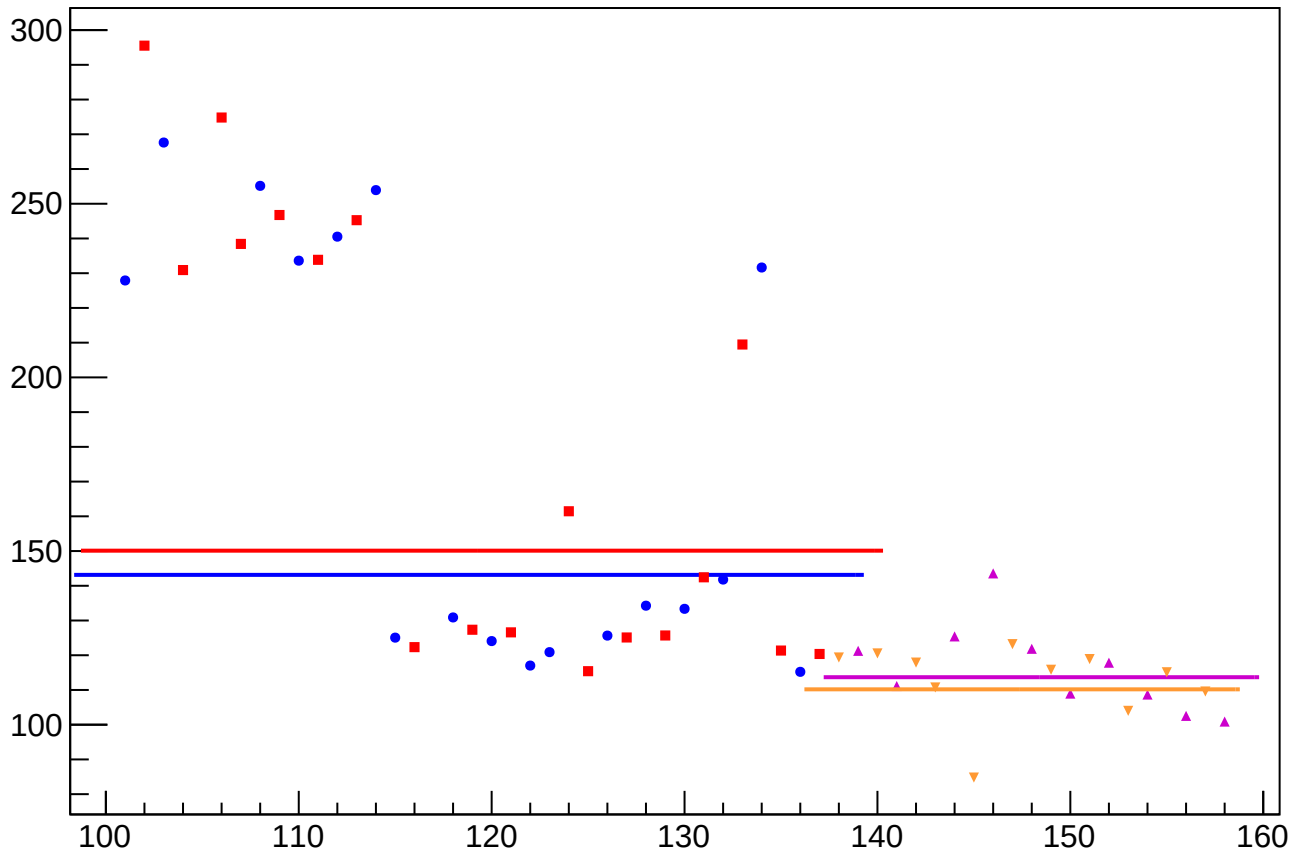
Right: 78.643 $\pm$ 41.737 χ^2 /NDF: 31.8/34

In: 90.372 $\pm$ 33.044 χ^2 /NDF:21.4/26

Out: 89.511 $\pm$ 32.572 χ^2 /NDF:31.1/28

All: 89.936 $\pm$ 23.197 χ^2 /NDF: 52.5/55

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: 110.183 $\pm$ 0.027 χ^2/NDF :194016.7/10

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: 111.864 $\pm$ 0.020 χ^2/NDF : 346037.6/20

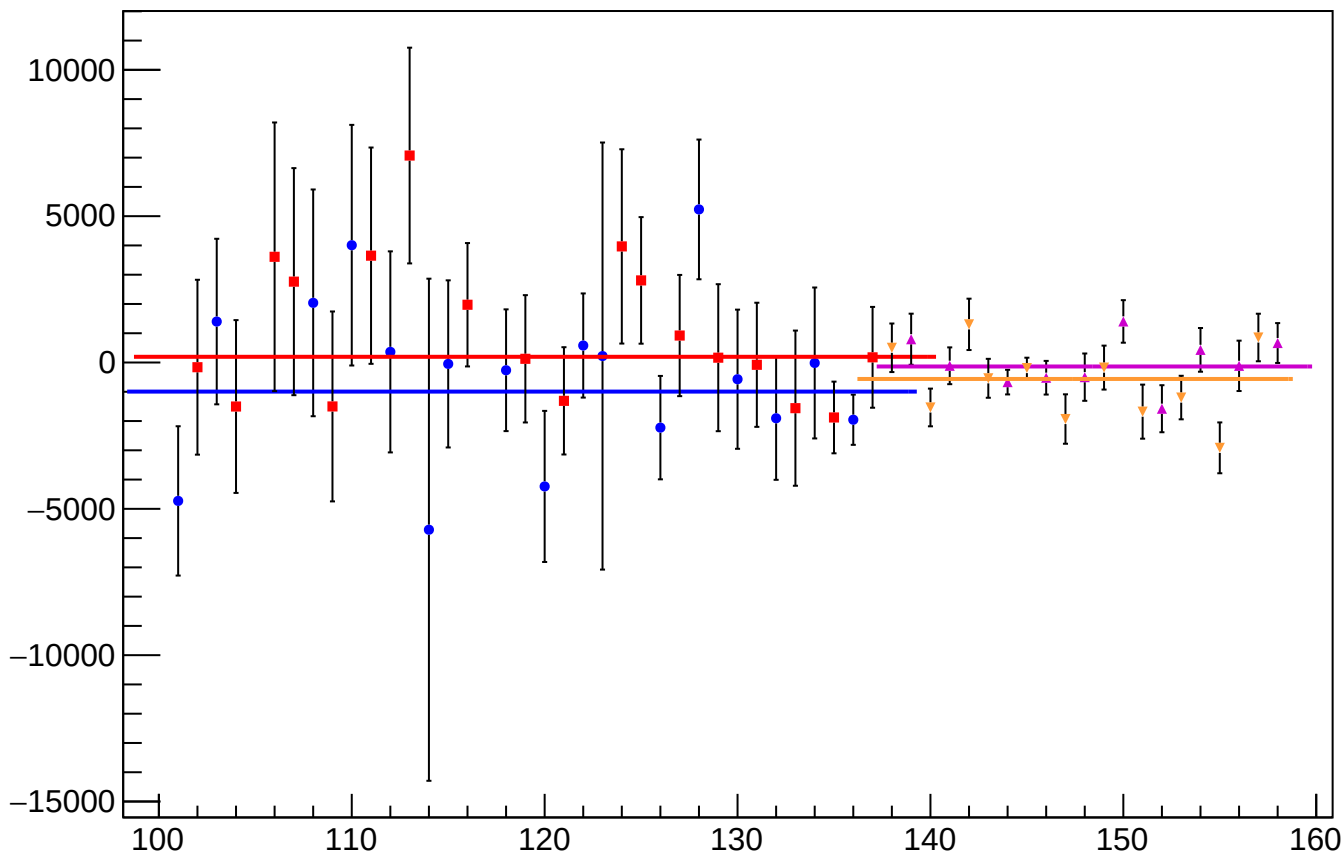
Right: 146.498 $\pm$ 0.030 χ^2/NDF : 2447968.1/34

In: 123.244 $\pm$ 0.023 χ^2/NDF :1594224.9/26

Out: 121.899 $\pm$ 0.023 χ^2/NDF :2149885.4/28

All: 122.562 $\pm$ 0.016 χ^2/NDF : 3745791.2/55

asym_sam_26_avg_correction_mean vs Slug, Sign Corrected



Right In: -993.785+/-516.463 χ^2/NDF : 16.9/16

Left Out: -562.219+/-202.360 χ^2/NDF : 25.0/10

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: -356.439+/-145.546 χ^2/NDF : 40.3/20

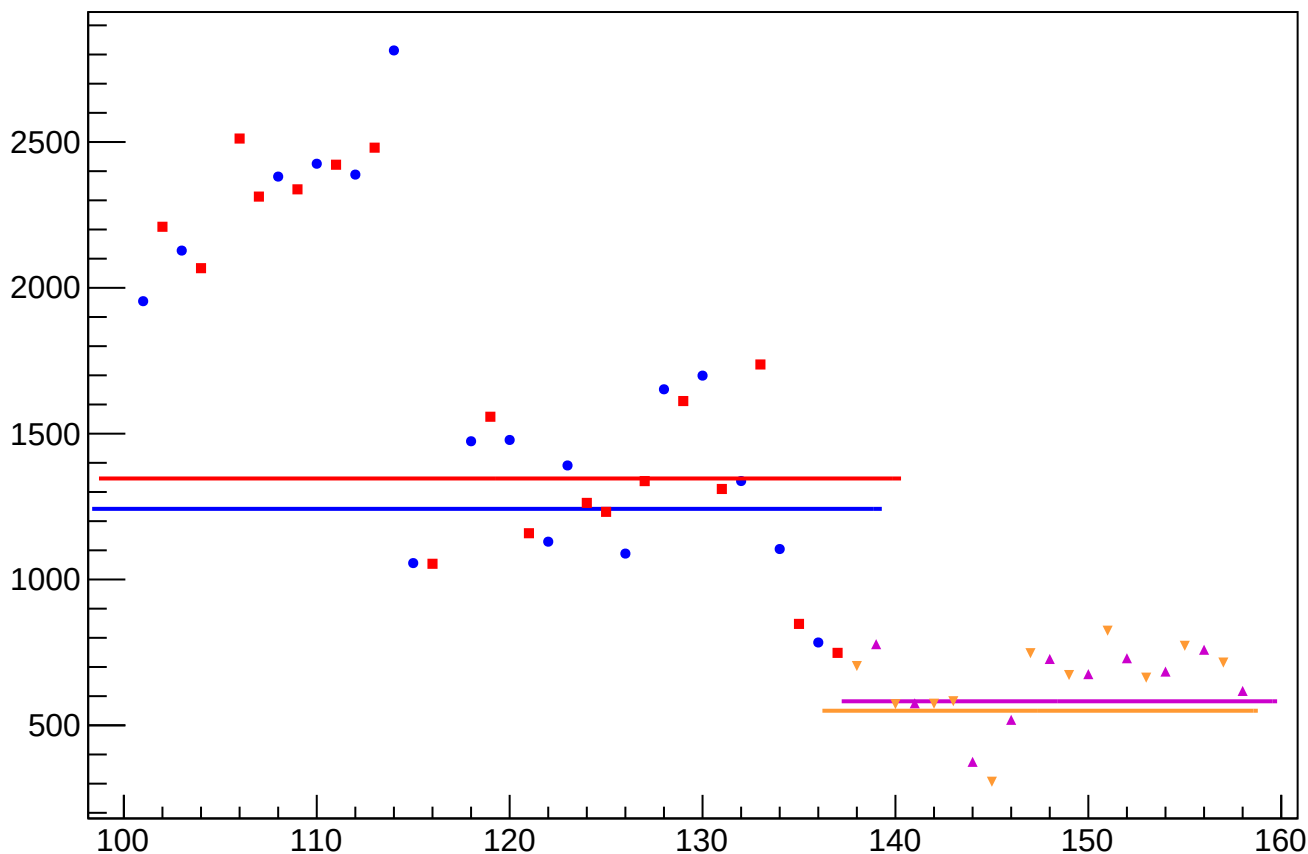
Right: -430.023+/-374.493 χ^2/NDF : 33.0/34

In: -257.107+/-194.128 χ^2/NDF : 32.4/26

Out: -470.117+/-189.655 χ^2/NDF : 40.3/28

All: -366.095+/-135.660 χ^2/NDF : 73.3/55

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: 550.008 $\pm$ 0.143 χ^2 /NDF: 1624457.6/10

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: 565.633 $\pm$ 0.103 χ^2 /NDF: 2553276.5/20

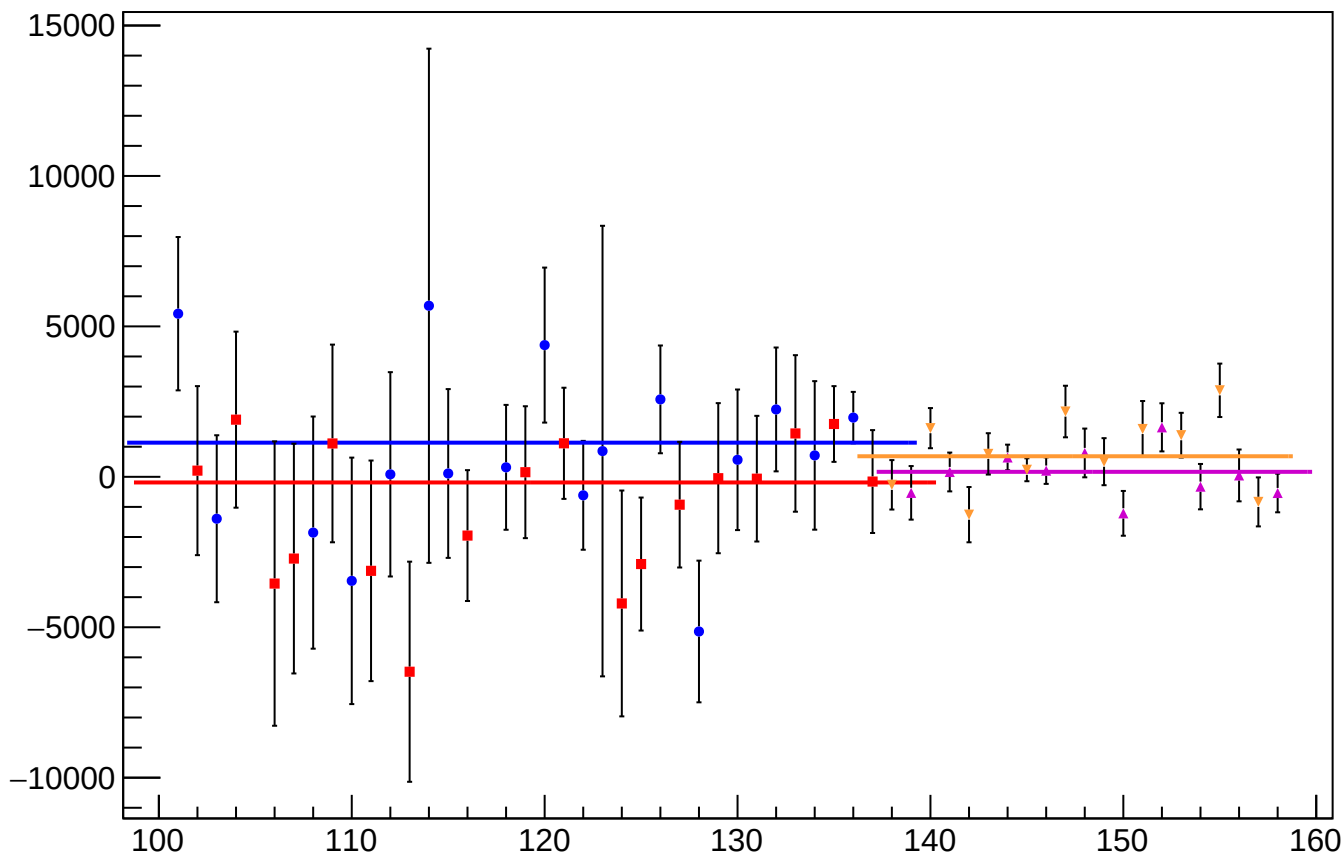
Right: 1291.570 $\pm$ 0.265 χ^2 /NDF: 3615166.4/34

In: 675.597 $\pm$ 0.137 χ^2 /NDF: 5474502.7/26

Out: 646.861 $\pm$ 0.134 χ^2 /NDF: 7200535.0/28

All: 660.894 $\pm$ 0.096 χ^2 /NDF: 12697461.1/55

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1135.222 $\pm$ 513.770 χ^2/NDF : 17.8/16

Left Out: 683.428 $\pm$ 210.048 χ^2/NDF : 23.6/10

Right Out: -187.508 $\pm$ 548.191 χ^2/NDF : 12.0/17

Left In: 165.756 $\pm$ 200.989 χ^2/NDF : 11.0/9

Left: 413.188 $\pm$ 145.218 χ^2/NDF : 37.8/20

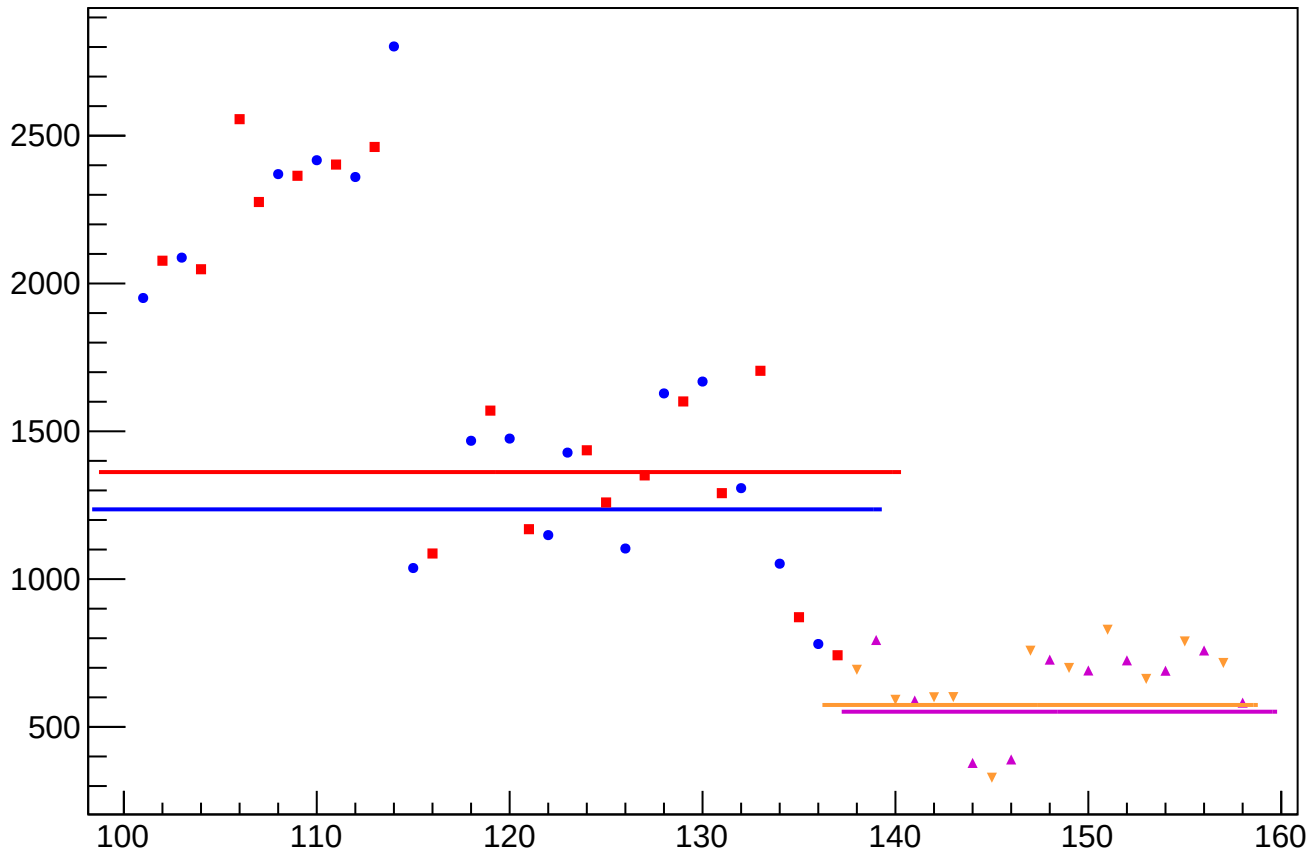
Right: 516.685 $\pm$ 374.869 χ^2/NDF : 32.9/34

In: 294.431 $\pm$ 187.176 χ^2/NDF : 31.9/26

Out: 571.930 $\pm$ 196.142 χ^2/NDF : 37.8/28

All: 426.693 $\pm$ 135.412 χ^2/NDF : 70.7/55

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1235.939 $\pm$ 0.363 χ^2/NDF : 1745716.2/16

Left Out: 574.276 $\pm$ 0.149 χ^2/NDF : 1382110.7/10

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: 562.359 $\pm$ 0.103 χ^2/NDF : 2596782.6/20

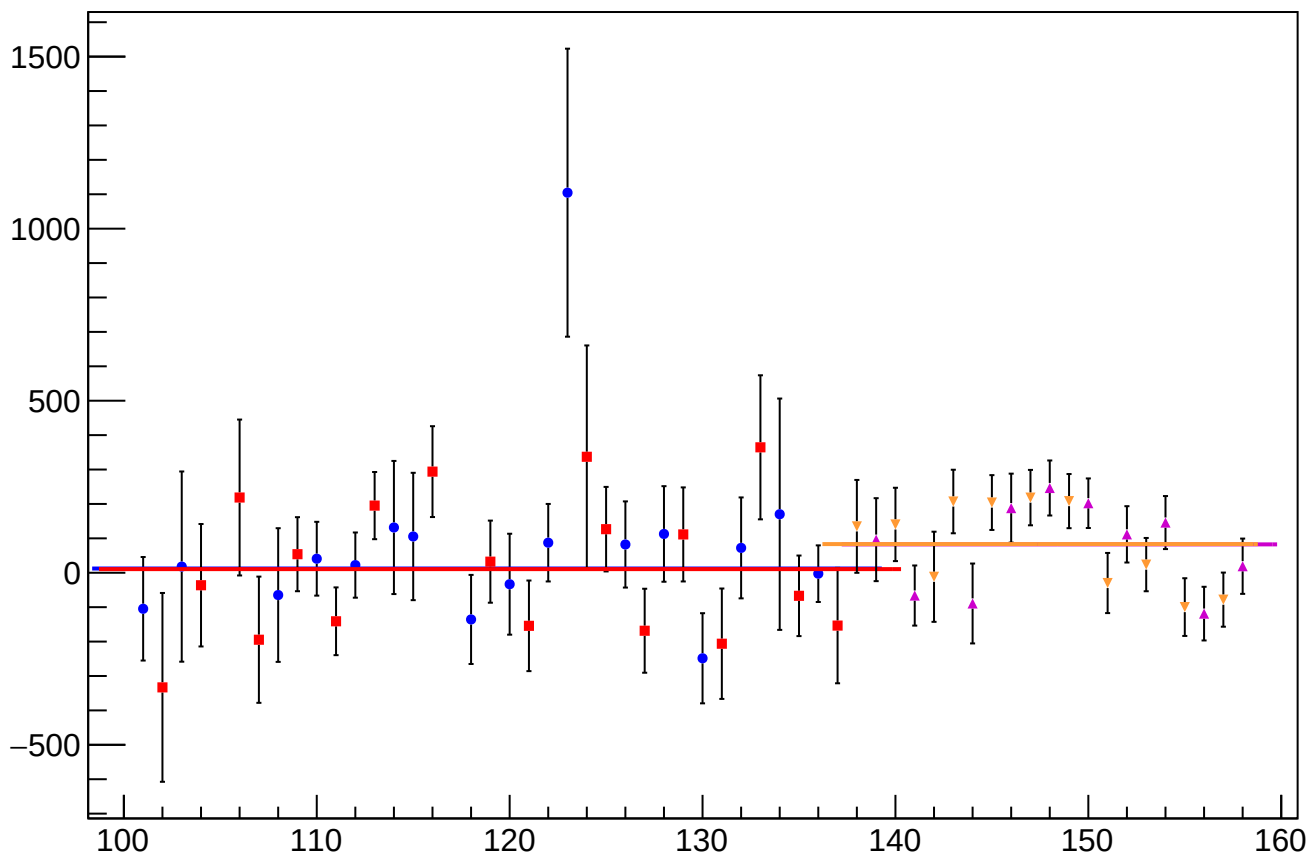
Right: 1294.931 $\pm$ 0.265 χ^2/NDF : 3511356.6/34

In: 642.298 $\pm$ 0.132 χ^2/NDF : 6026874.6/26

Out: 675.133 $\pm$ 0.139 χ^2/NDF : 6693181.0/28

All: 657.948 $\pm$ 0.096 χ^2/NDF : 12749390.0/55

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.308 $\pm$ 33.228 χ^2 /NDF: 15.4/16

Left Out: 83.338 $\pm$ 26.789 χ^2 /NDF:21.6/10

Right Out: 10.591 $\pm$ 32.606 χ^2 /NDF: 26.7/17

Left In: 82.491 $\pm$ 27.118 χ^2 /NDF:21.2/9

Left: 82.920 $\pm$ 19.058 χ^2 /NDF: 42.9/20

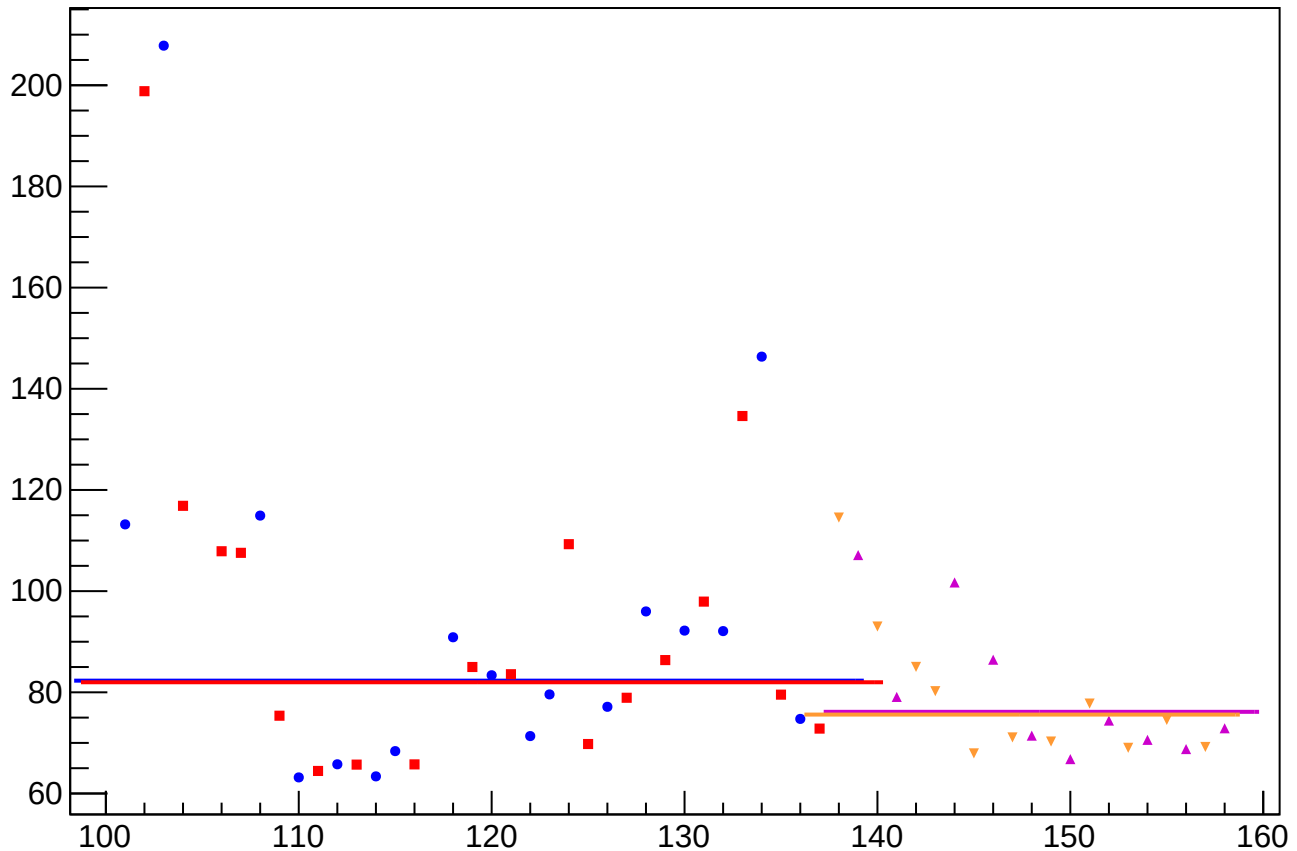
Right: 11.434 $\pm$ 23.273 χ^2 /NDF: 42.1/34

In: 54.433 $\pm$ 21.009 χ^2 /NDF:39.3/26

Out: 54.022 $\pm$ 20.699 χ^2 /NDF:51.3/28

All: 54.225 $\pm$ 14.745 χ^2 /NDF: 90.6/55

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 82.306+/-0.023 χ^2/NDF : 868742.4/16

Left Out: 75.601+/-0.019 χ^2/NDF : 298543.1/10

Right Out: 81.987+/-0.023 χ^2/NDF : 853217.2/17

Left In: 76.144+/-0.019 χ^2/NDF : 325535.0/9

Left: 75.869+/-0.013 χ^2/NDF : 624484.6/20

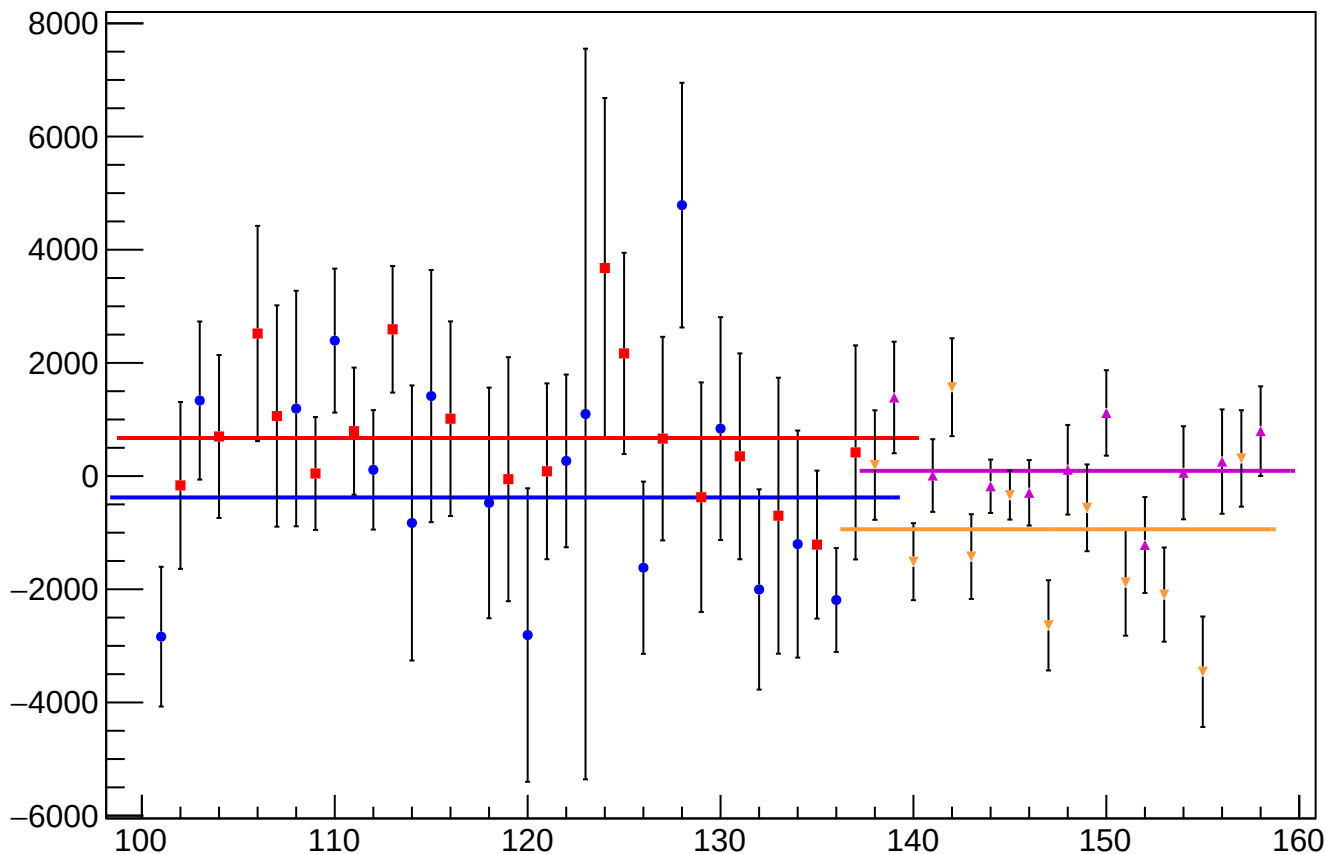
Right: 82.144+/-0.016 χ^2/NDF : 1722053.3/34

In: 78.608+/-0.015 χ^2/NDF : 1235554.4/26

Out: 78.175+/-0.015 χ^2/NDF : 1197568.0/28

All: 78.388+/-0.010 χ^2/NDF : 2433553.6/55

asym_sam_37_avg_correction_mean vs Slug, Sign Corrected



Right In: -377.330 ± 383.897 $\chi^2/\text{NDF}: 24.5/16$

Left Out: -939.393 ± 223.744 $\chi^2/\text{NDF}: 29.4/10$

Right Out: 673.192 ± 368.624 $\chi^2/\text{NDF}: 9.4/17$

Left In: 93.216 ± 223.965 $\chi^2/\text{NDF}: 7.6/9$

Left: -423.597 ± 158.289 $\chi^2/\text{NDF}: 47.6/20$

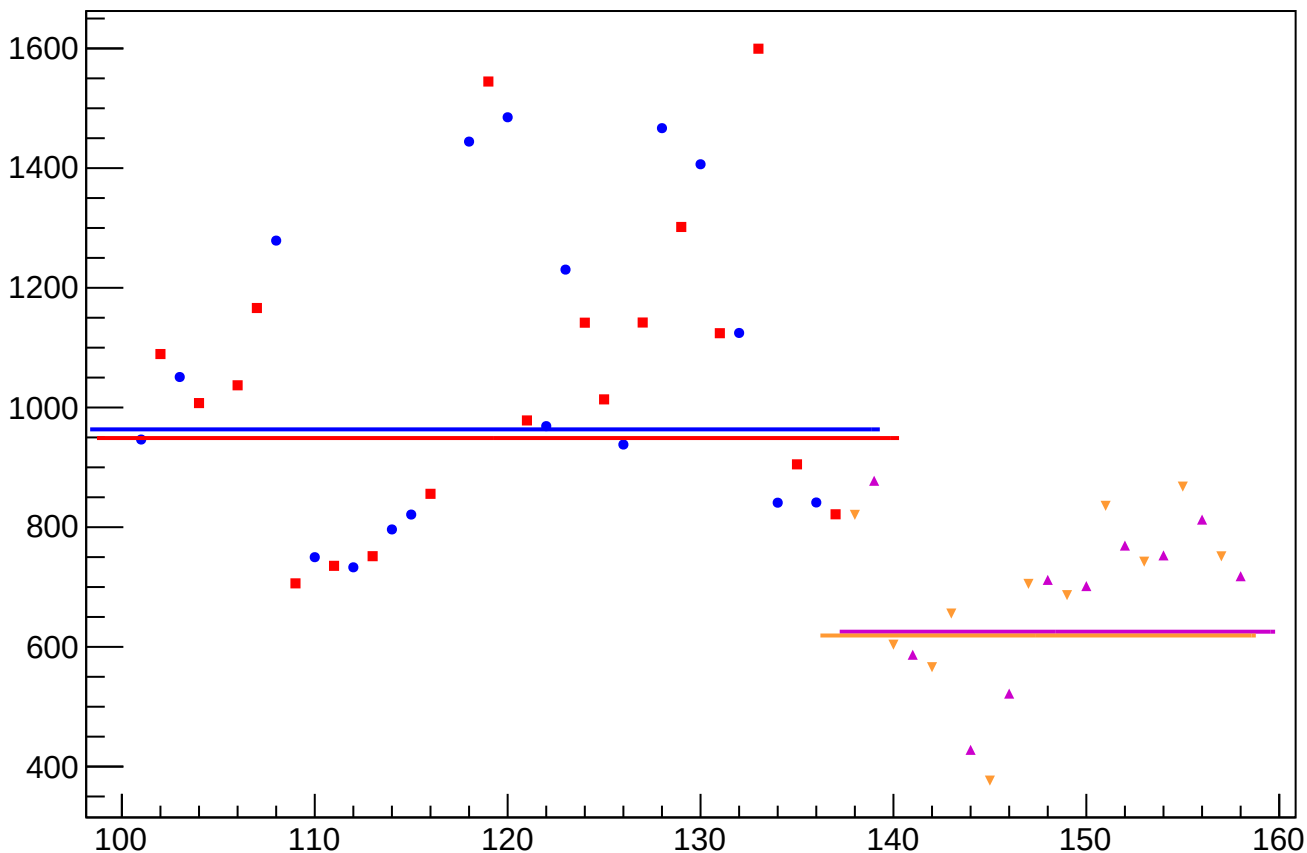
Right: 169.244 ± 265.892 $\chi^2/\text{NDF}: 37.7/34$

In: -26.269 ± 193.451 $\chi^2/\text{NDF}: 33.2/26$

Out: -505.240 ± 191.268 $\chi^2/\text{NDF}: 52.7/28$

All: -268.471 ± 136.012 $\chi^2/\text{NDF}: 89.0/55$

asym_sam_37_avg_correction_rms vs Slug, Sign Corrected



Right In: 963.469 ± 0.271 χ^2/NDF : 688873.3/16

Left Out: 619.011 ± 0.158 χ^2/NDF : 1096004.8/10

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: 622.186 ± 0.112 χ^2/NDF : 1909251.1/20

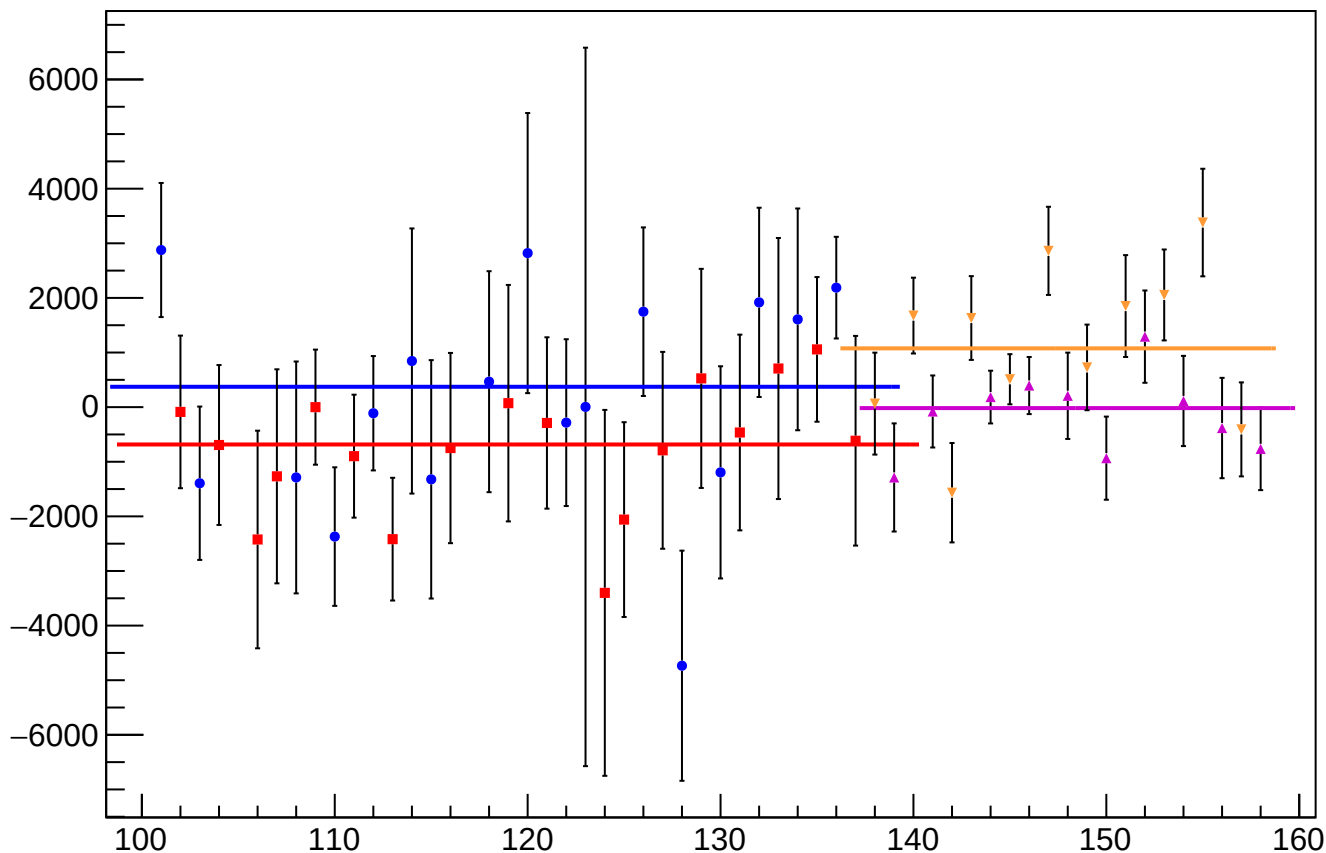
Right: 955.914 ± 0.188 χ^2/NDF : 1419740.5/34

In: 711.221 ± 0.137 χ^2/NDF : 2658686.2/26

Out: 707.839 ± 0.135 χ^2/NDF : 2996249.2/28

All: 709.511 ± 0.096 χ^2/NDF : 5655244.7/55

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 372.896 $\pm$ 383.661 χ^2 /NDF: 25.3/16

Left Out: 1076.256 $\pm$ 229.313 χ^2 /NDF:28.0/10

Right Out: -683.612 $\pm$ 372.418 χ^2 /NDF: 7.8/17

Left In: -17.539 $\pm$ 221.395 χ^2 /NDF:7.5/9

Left: 510.150 $\pm$ 159.276 χ^2 /NDF: 47.3/20

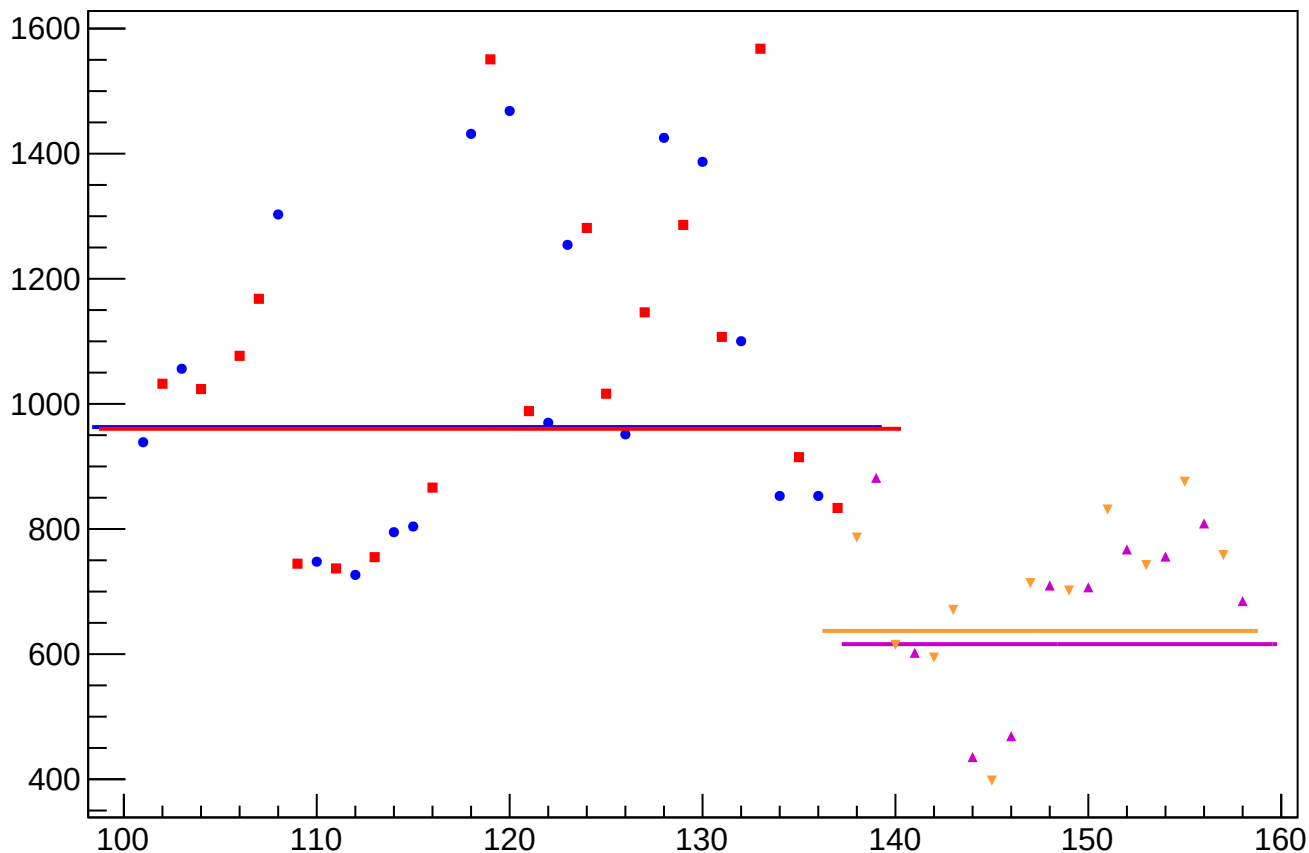
Right: -171.066 $\pm$ 267.226 χ^2 /NDF: 36.9/34

In: 79.996 $\pm$ 191.758 χ^2 /NDF:33.6/26

Out: 592.453 $\pm$ 195.265 χ^2 /NDF:52.0/28

All: 331.581 $\pm$ 136.817 χ^2 /NDF: 89.1/55

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 962.971 +/- 0.271 χ^2/NDF : 667521.9/16

Left Out: 637.139 +/- 0.162 χ^2/NDF : 912108.3/10

Right Out: 960.218 +/- 0.263 χ^2/NDF : 671009.3/17

Left In: 615.978 +/- 0.157 χ^2/NDF : 866459.4/9

Left: 626.187 +/- 0.113 χ^2/NDF : 1787381.7/20

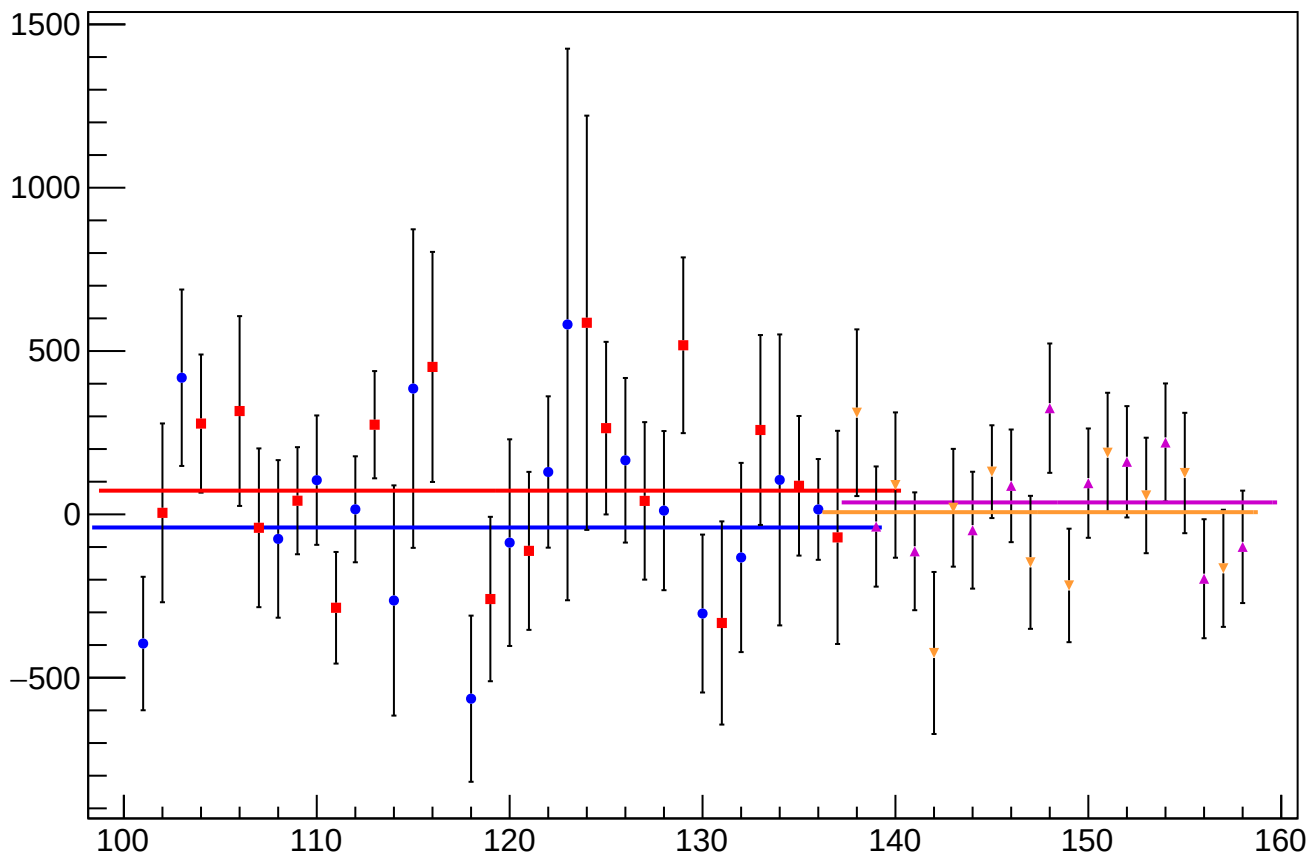
Right: 961.553 +/- 0.189 χ^2/NDF : 1338584.2/34

In: 702.661 +/- 0.136 χ^2/NDF : 2761260.5/26

Out: 725.956 +/- 0.138 χ^2/NDF : 2674505.7/28

All: 714.097 +/- 0.097 χ^2/NDF : 5450256.4/55

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: 6.714 ± 56.643 $\chi^2/\text{NDF}: 10.0/10$

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: 21.745 ± 39.935 $\chi^2/\text{NDF}: 17.4/20$

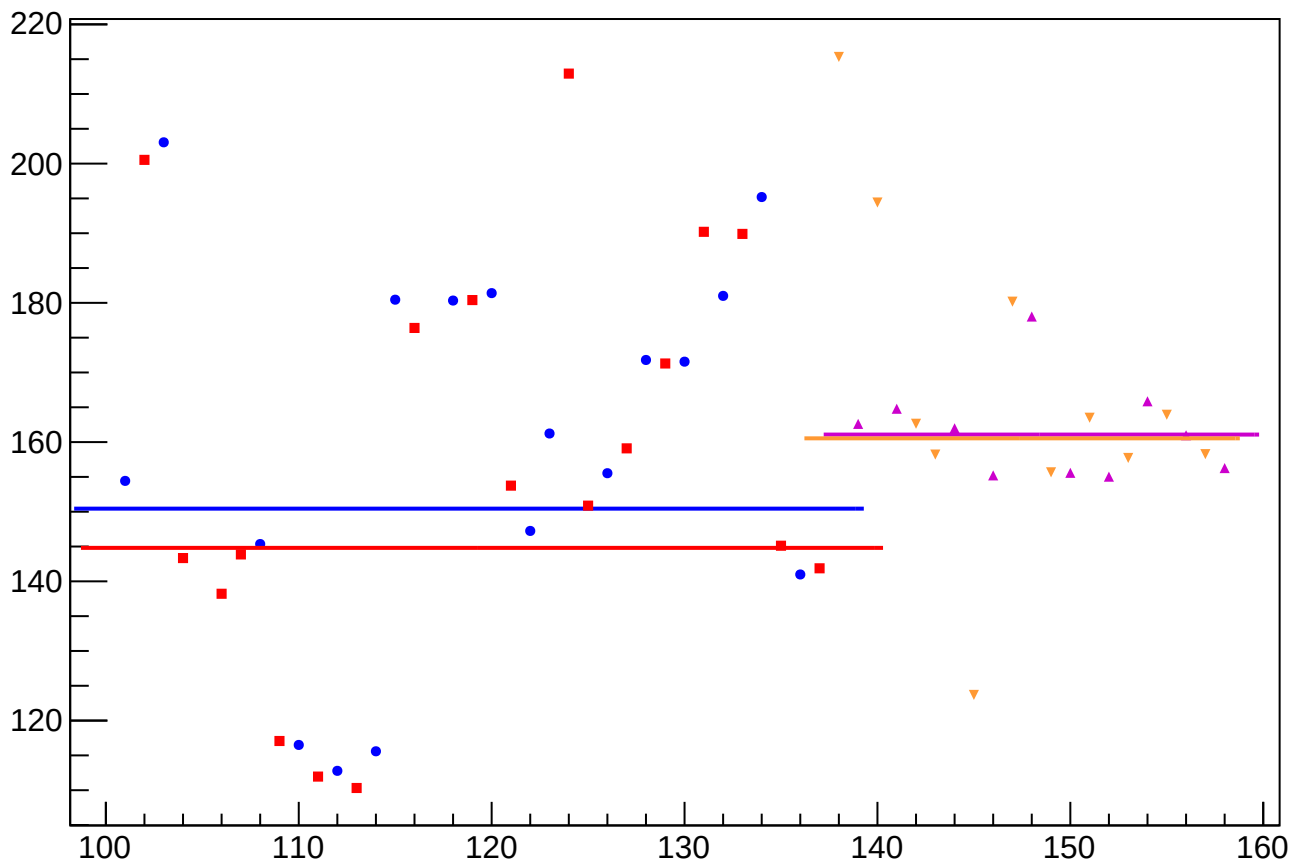
Right: 19.111 ± 40.820 $\chi^2/\text{NDF}: 34.8/34$

In: 0.193 ± 40.820 $\chi^2/\text{NDF}: 23.4/26$

Out: 39.852 ± 39.936 $\chi^2/\text{NDF}: 28.3/28$

All: 20.457 ± 28.546 $\chi^2/\text{NDF}: 52.2/55$

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 150.442 $\pm$ 0.042 χ^2 /NDF: 400121.4/16

Left Out: 160.540 $\pm$ 0.040 χ^2 /NDF:295917.3/10

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: 160.811 $\pm$ 0.028 χ^2 /NDF: 321660.2/20

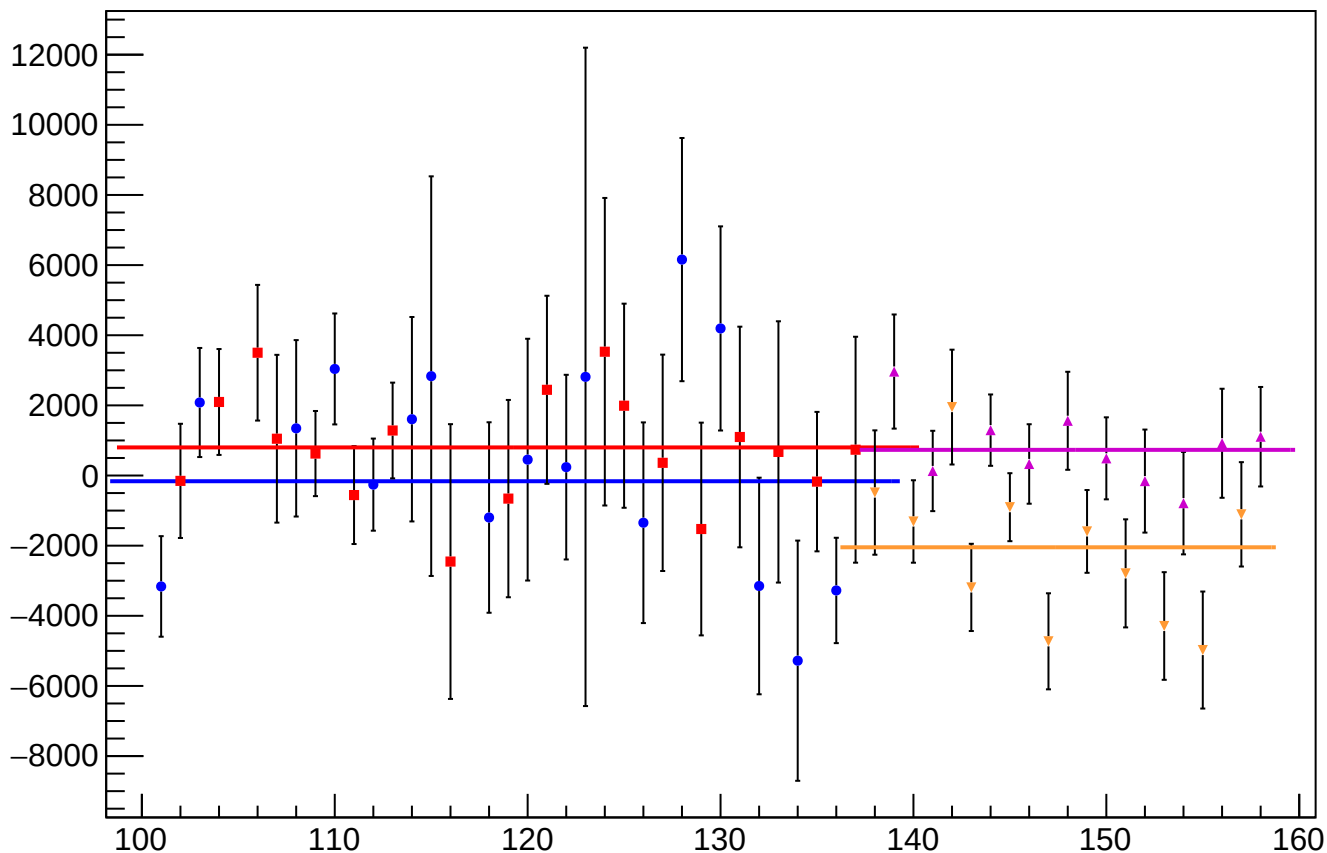
Right: 147.481 $\pm$ 0.029 χ^2 /NDF: 913486.7/34

In: 156.031 $\pm$ 0.029 χ^2 /NDF:459641.3/26

Out: 152.628 $\pm$ 0.028 χ^2 /NDF:877376.3/28

All: 154.292 $\pm$ 0.020 χ^2 /NDF: 1344122.9/55

asym_sam_48_avg_correction_mean vs Slug, Sign Corrected



Right In: -162.807 ± 533.165 $\chi^2/\text{NDF}: 25.1/16$

Left Out: -2046.549 ± 407.117 $\chi^2/\text{NDF}: 19.2/10$

Right Out: 801.139 ± 486.610 $\chi^2/\text{NDF}: 6.9/17$

Left In: 731.853 ± 409.254 $\chi^2/\text{NDF}: 4.5/9$

Left: -664.621 ± 288.628 $\chi^2/\text{NDF}: 46.9/20$

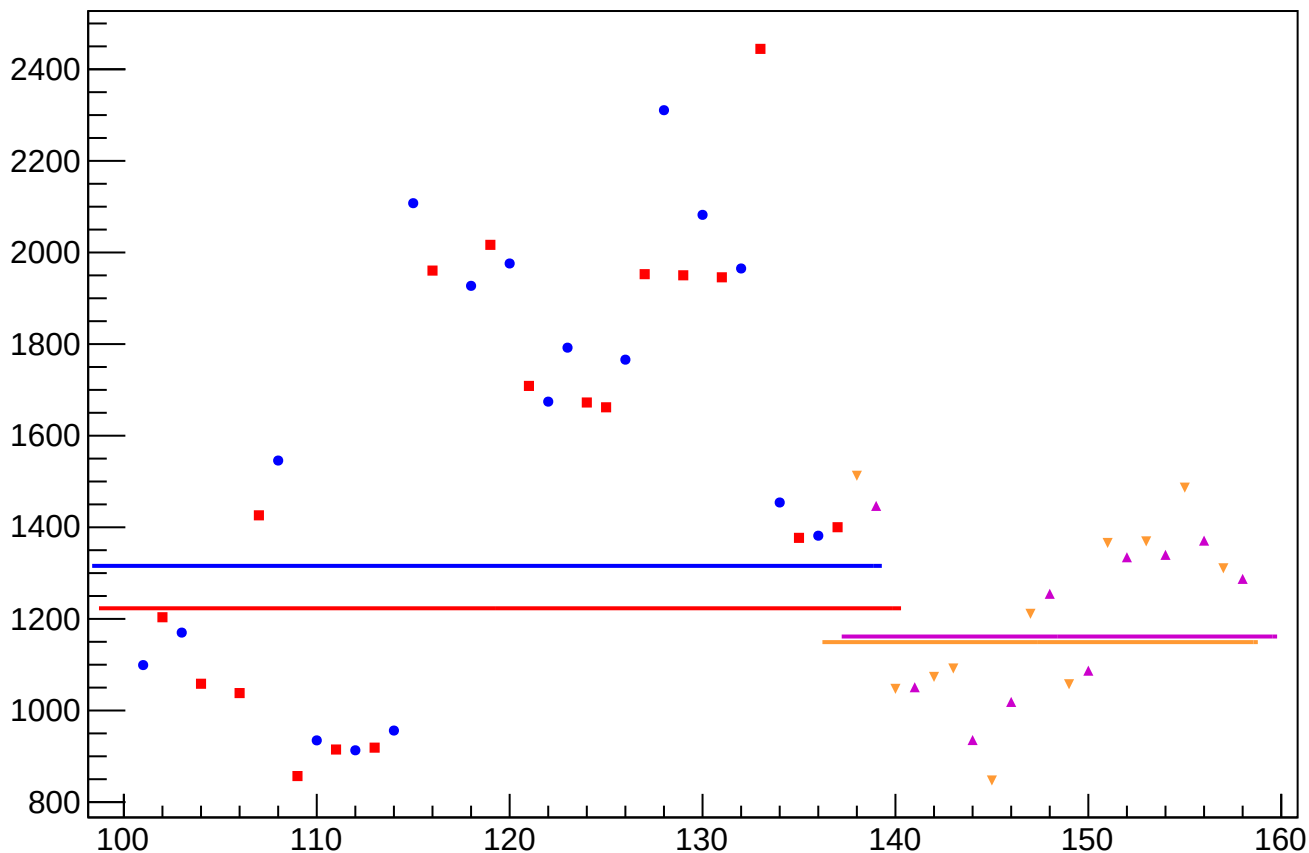
Right: 363.081 ± 359.419 $\chi^2/\text{NDF}: 33.7/34$

In: 400.155 ± 324.641 $\chi^2/\text{NDF}: 31.4/26$

Out: -874.007 ± 312.248 $\chi^2/\text{NDF}: 46.2/28$

All: -261.711 ± 225.046 $\chi^2/\text{NDF}: 85.6/55$

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: 1149.319 $\pm$ 0.288 χ^2 /NDF: 503814.5/10

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: 1155.403 $\pm$ 0.204 χ^2 /NDF: 841870.7/20

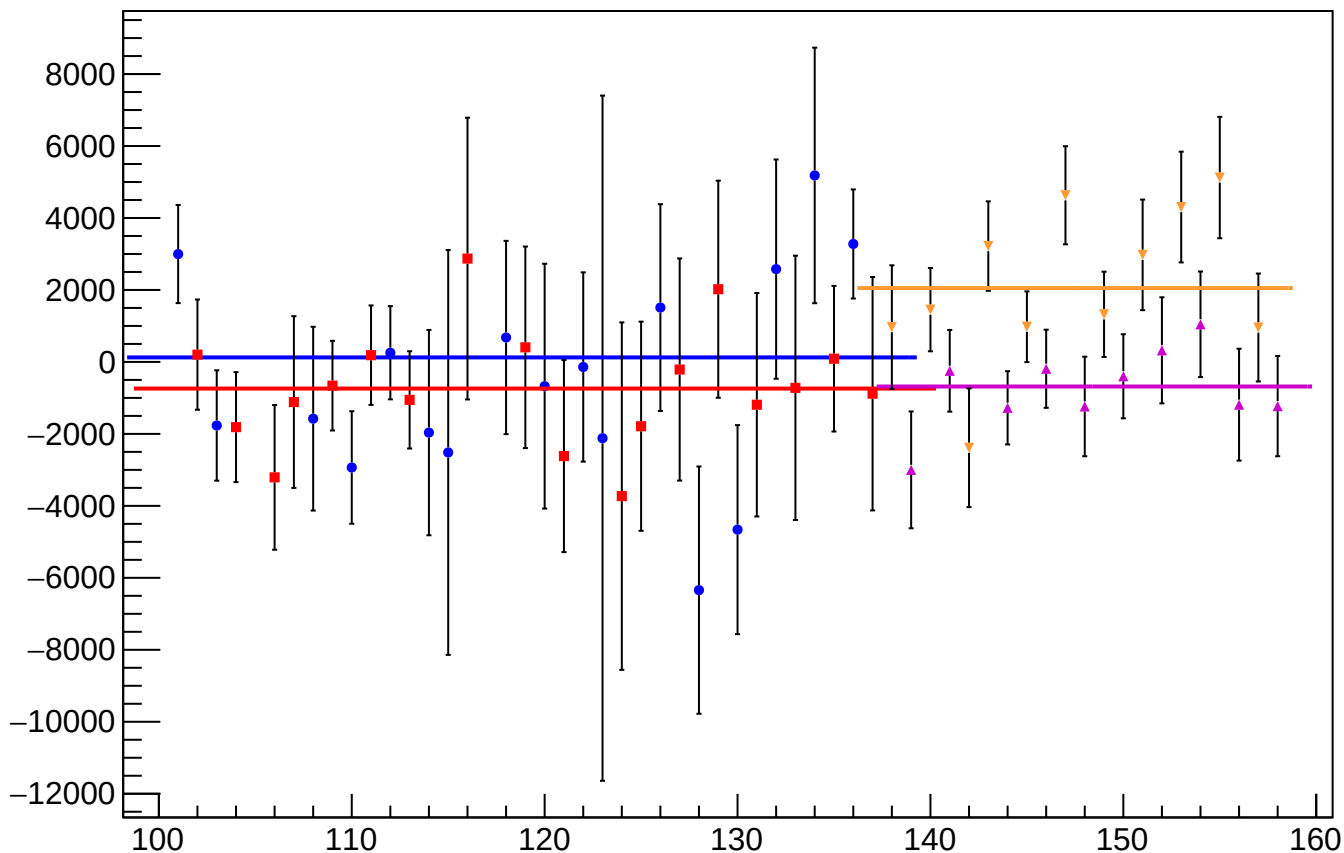
Right: 1265.263 $\pm$ 0.254 χ^2 /NDF: 2514318.9/34

In: 1218.734 $\pm$ 0.230 χ^2 /NDF: 1560818.0/26

Out: 1179.731 $\pm$ 0.221 χ^2 /NDF: 1893974.3/28

All: 1198.473 $\pm$ 0.159 χ^2 /NDF: 3469788.0/55

asym_sam_48_avg_mean vs Slug, Sign Corrected



Left: 679.008 ± 287.441 $\chi^2/\text{NDF}: 48.0/20$

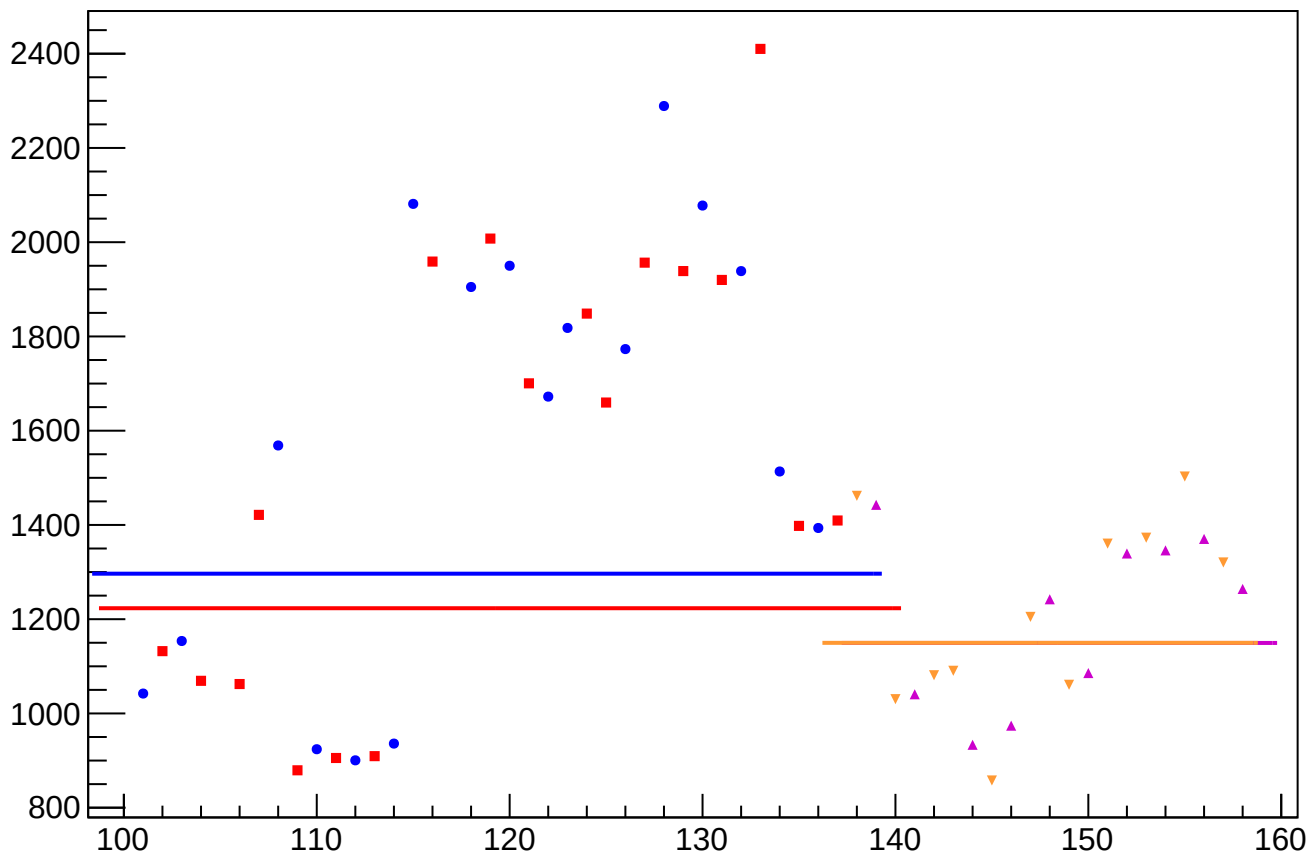
Right: -341.379 ± 357.529 $\chi^2/\text{NDF}: 32.1/34$

In: -382.109 ± 321.417 $\chi^2/\text{NDF}: 31.2/26$

Out: 902.374 ± 312.399 $\chi^2/\text{NDF}: 45.6/28$

All: 278.404 ± 224.020 $\chi^2/\text{NDF}: 85.0/55$

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1296.573 $\pm$ 0.373 χ^2/NDF : 1175465.2/16

Left Out: 1149.812 $\pm$ 0.288 χ^2/NDF : 479409.9/10

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: 1149.692 $\pm$ 0.203 χ^2/NDF : 843182.5/20

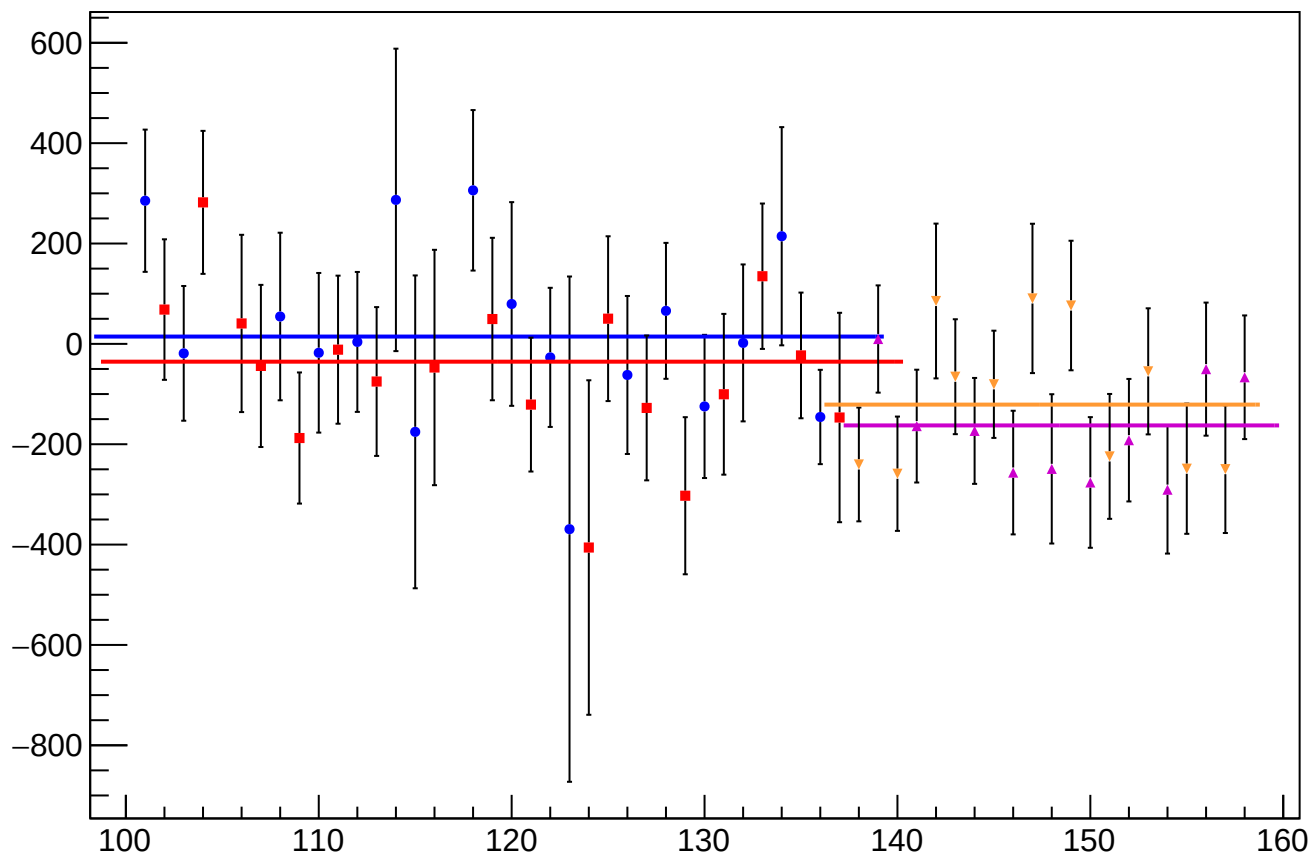
Right: 1257.036 $\pm$ 0.253 χ^2/NDF : 2543039.6/34

In: 1204.295 $\pm$ 0.227 χ^2/NDF : 1636995.1/26

Out: 1180.065 $\pm$ 0.221 χ^2/NDF : 1852888.5/28

All: 1191.836 $\pm$ 0.158 χ^2/NDF : 3495728.4/55

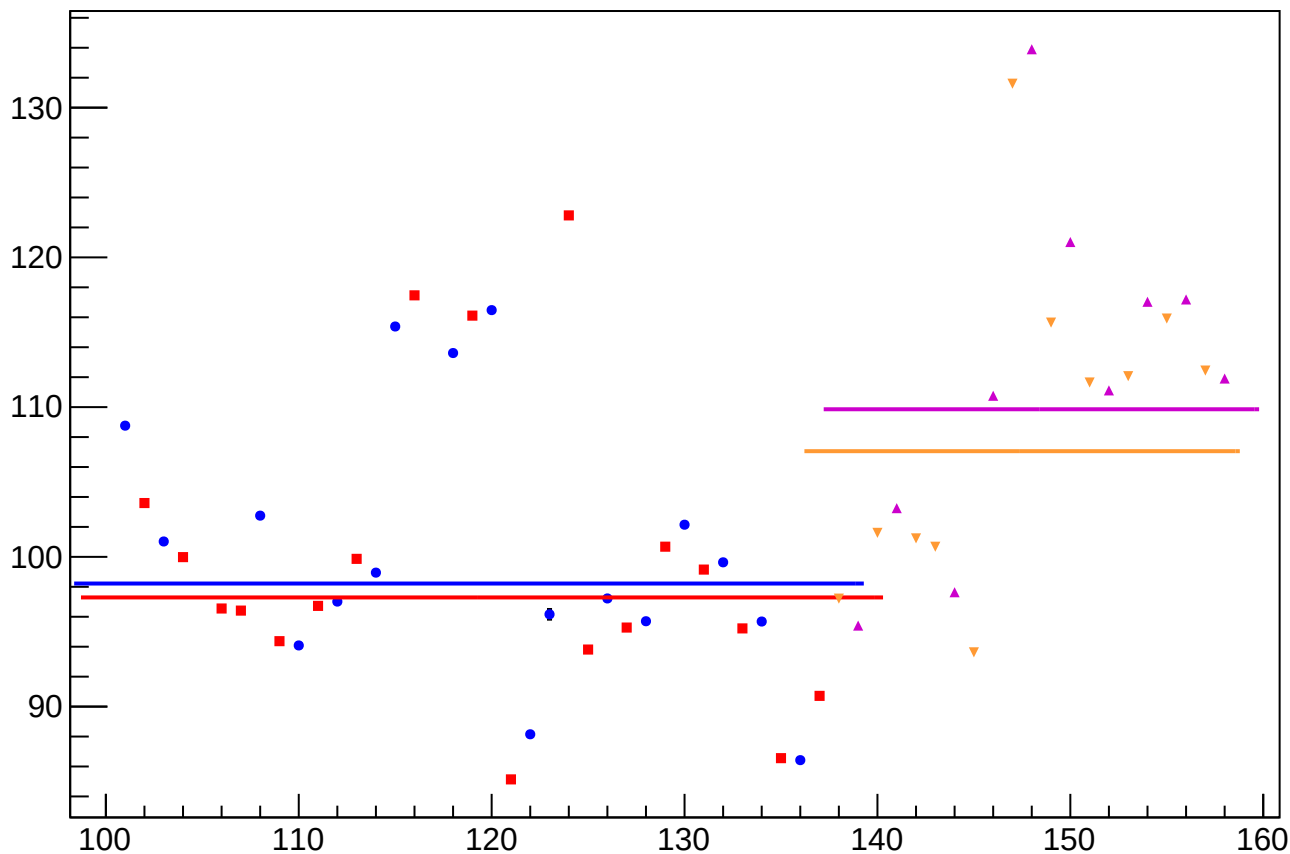
dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 14.577 ± 38.017 χ^2/NDF : 14.2/16
 Left Out: -121.034 ± 37.402 χ^2/NDF : 12.1/10
 Right Out: -35.475 ± 36.728 χ^2/NDF : 14.5/17
 Left In: -162.508 ± 38.405 χ^2/NDF : 6.7/9

Left: -141.223 ± 26.795 χ^2/NDF : 19.3/20
 Right: -11.312 ± 26.414 χ^2/NDF : 29.6/34
 In: -73.066 ± 27.018 χ^2/NDF : 31.6/26
 Out: -77.476 ± 26.206 χ^2/NDF : 29.2/28
 All: -75.338 ± 18.811 χ^2/NDF : 60.9/55

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 98.219+/-0.027 χ^2/NDF : 100510.4/16

Left Out: 107.058+/-0.026 χ^2/NDF : 142366.3/10

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: 108.421+/-0.019 χ^2/NDF : 298377.3/20

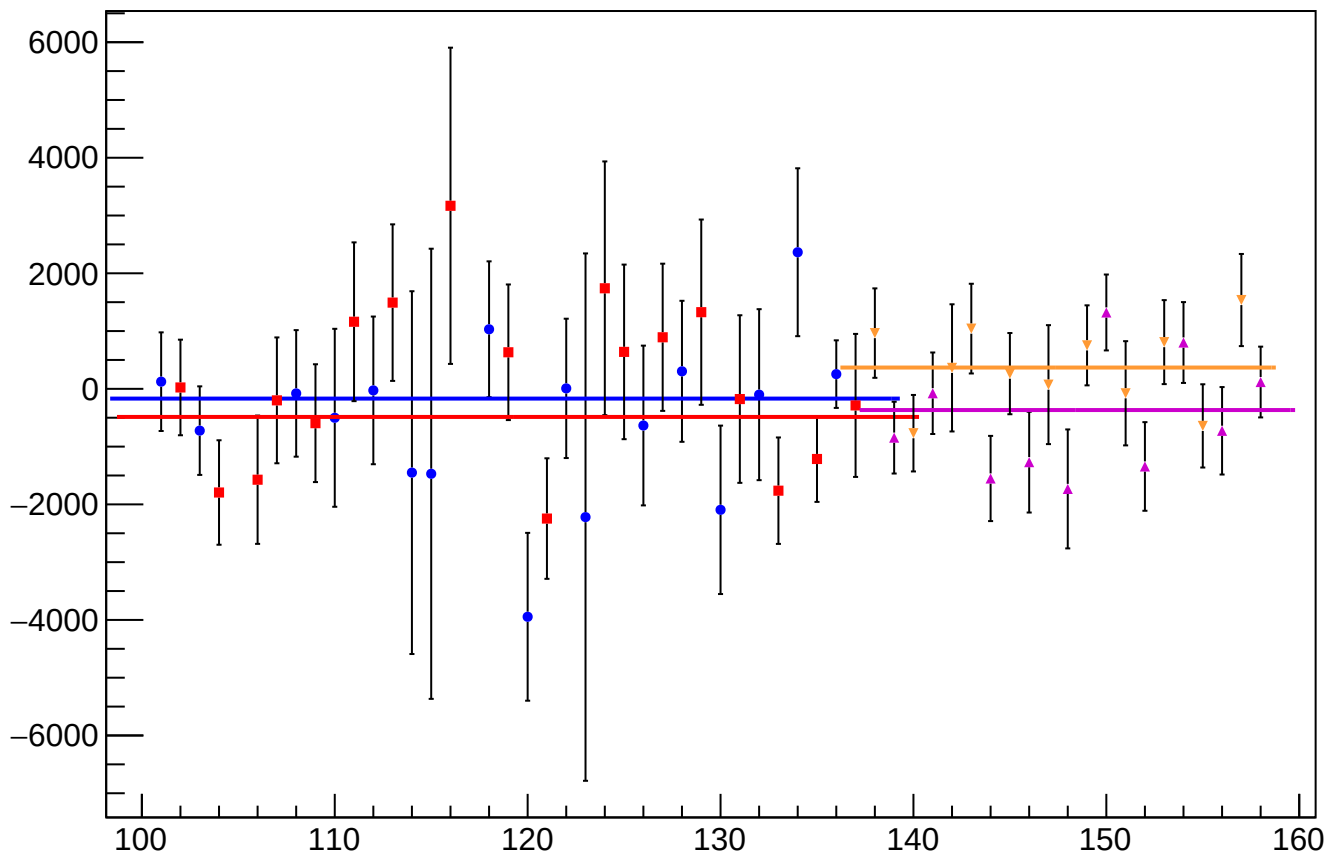
Right: 97.739+/-0.019 χ^2/NDF : 197344.2/34

In: 103.979+/-0.019 χ^2/NDF : 343833.6/26

Out: 102.085+/-0.019 χ^2/NDF : 308023.7/28

All: 103.003+/-0.013 χ^2/NDF : 656919.4/55

asym_sam_15_dd_correction_mean vs Slug, Sign Corrected



Right In: -168.802 ± 282.178 χ^2/NDF : 14.6/16

Left Out: 368.679 ± 235.010 χ^2/NDF : 9.4/10

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: -9.677 ± 163.789 χ^2/NDF : 32.5/20

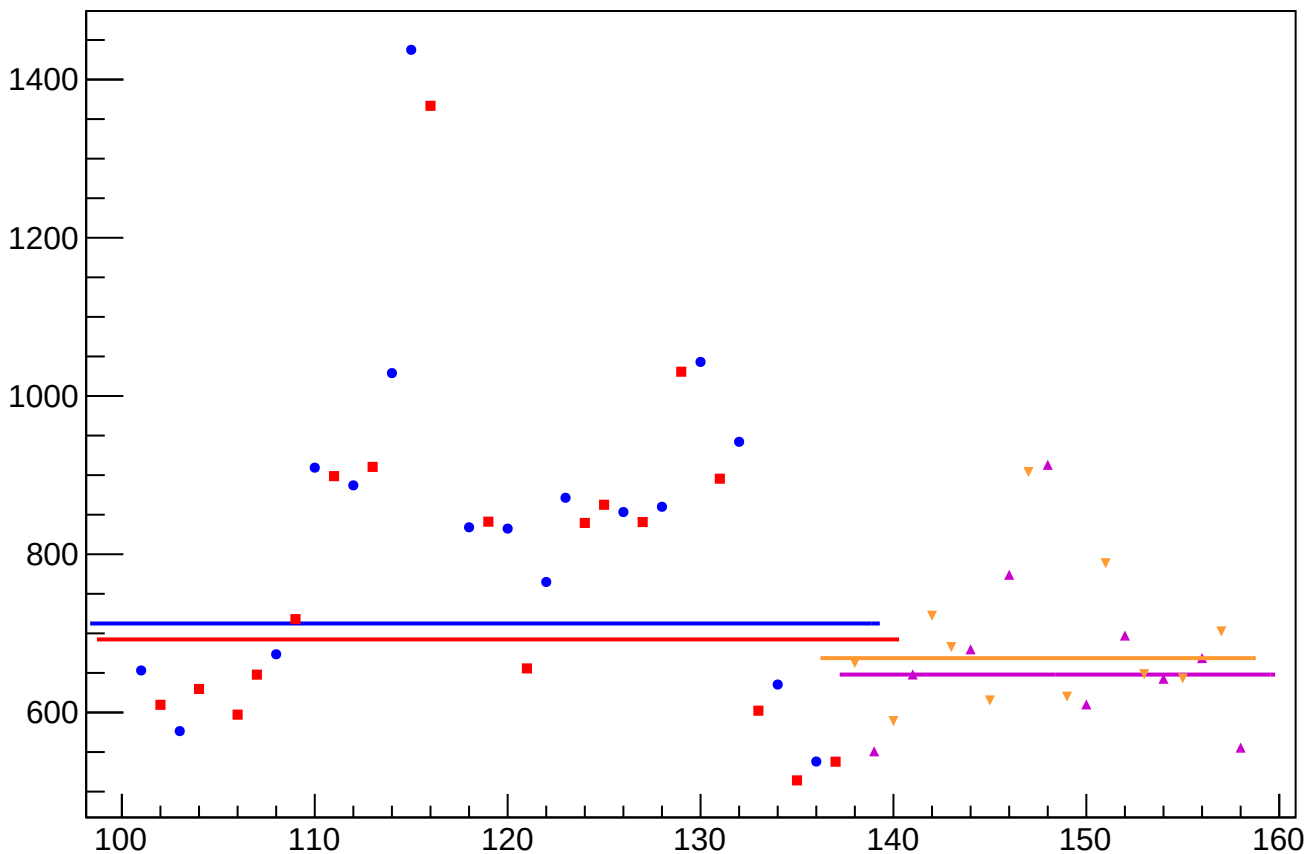
Right: -335.728 ± 194.327 χ^2/NDF : 34.9/34

In: -288.575 ± 177.531 χ^2/NDF : 32.9/26

Out: -2.967 ± 176.699 χ^2/NDF : 34.8/28

All: -145.100 ± 125.238 χ^2/NDF : 69.0/55

asym_sam_15_dd_correction_rms vs Slug, Sign Corrected



Right In: 712.476 $\pm$ 0.200 χ^2/NDF : 660520.6/16

Left Out: 668.720 $\pm$ 0.166 χ^2/NDF : 203171.2/10

Right Out: 692.342 $\pm$ 0.190 χ^2/NDF : 656953.1/17

Left In: 647.912 $\pm$ 0.162 χ^2/NDF : 288866.4/9

Left: 658.019 $\pm$ 0.116 χ^2/NDF : 500100.8/20

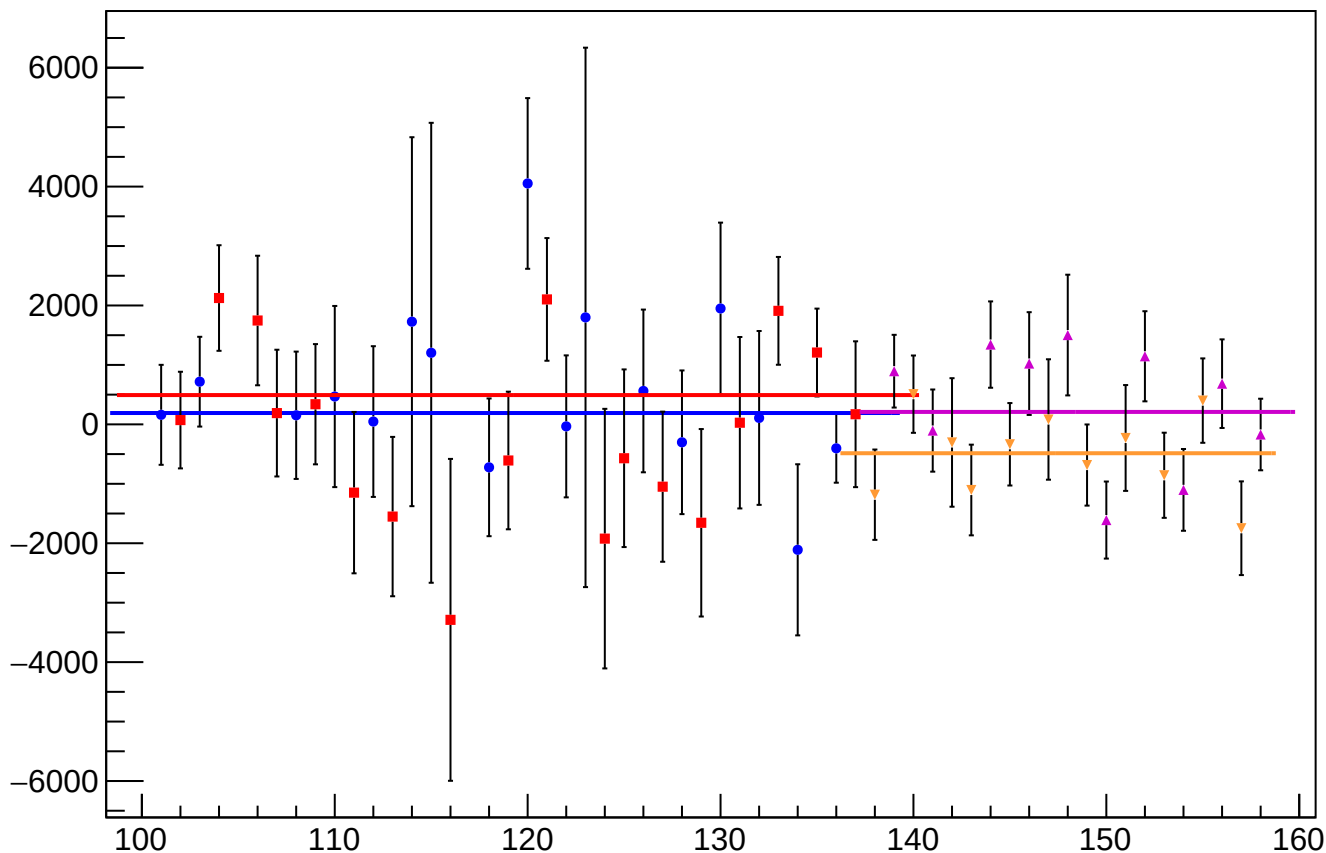
Right: 701.891 $\pm$ 0.137 χ^2/NDF : 1322826.7/34

In: 673.468 $\pm$ 0.126 χ^2/NDF : 1012647.2/26

Out: 678.988 $\pm$ 0.125 χ^2/NDF : 868908.0/28

All: 676.241 $\pm$ 0.089 χ^2/NDF : 1882526.6/55

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 190.880 $\pm$ 278.670 χ^2 /NDF: 14.2/16

Left Out: -485.680 $\pm$ 231.408 χ^2 /NDF:8.8/10

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: -128.399 $\pm$ 161.297 χ^2 /NDF: 33.7/20

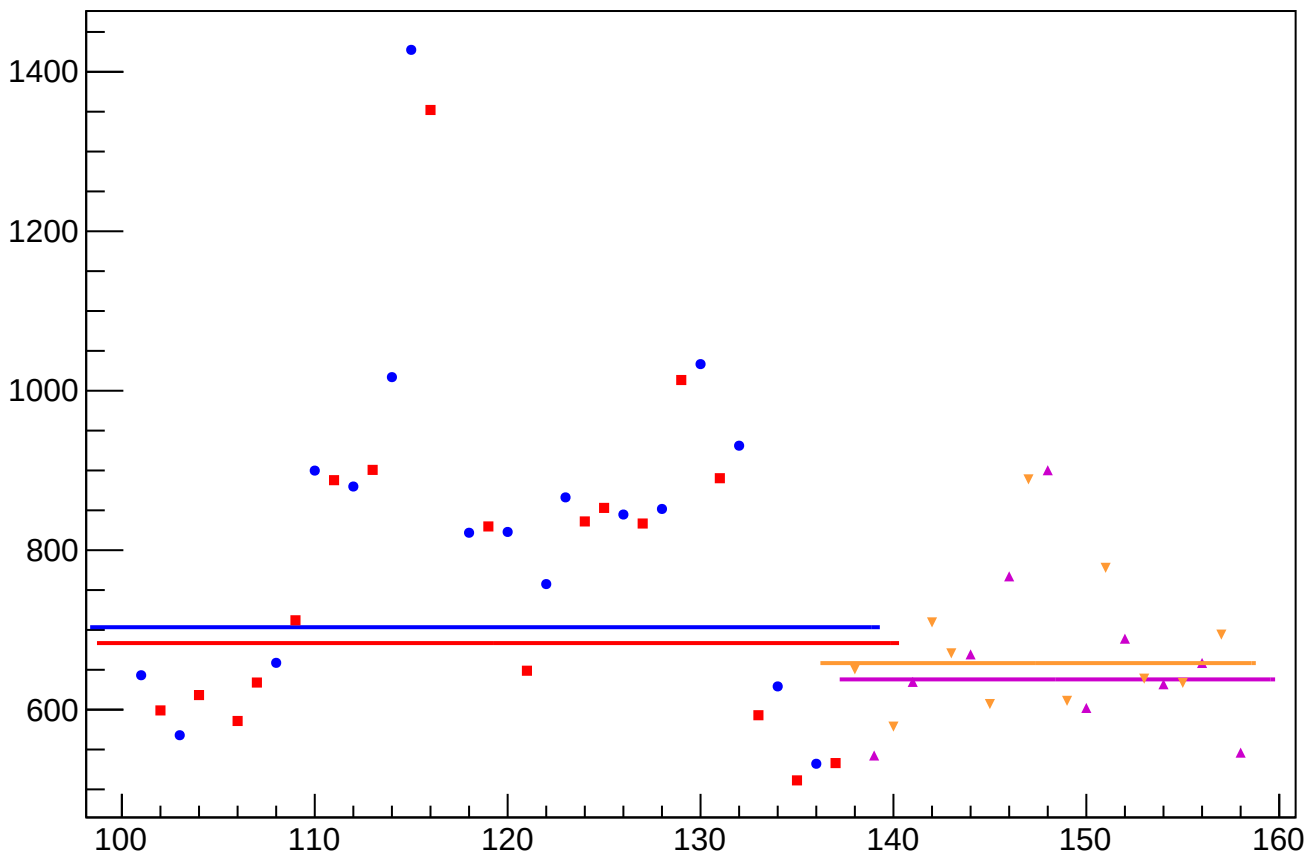
Right: 349.629 $\pm$ 191.893 χ^2 /NDF: 37.6/34

In: 201.975 $\pm$ 175.035 χ^2 /NDF:34.4/26

Out: -61.687 $\pm$ 174.199 χ^2 /NDF:39.3/28

All: 69.512 $\pm$ 123.472 χ^2 /NDF: 74.9/55

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 703.406 $\pm$ 0.197 χ^2 /NDF: 666885.8/16

Left Out: 658.386 $\pm$ 0.164 χ^2 /NDF: 203354.9/10

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: 647.876 $\pm$ 0.114 χ^2 /NDF: 505509.2/20

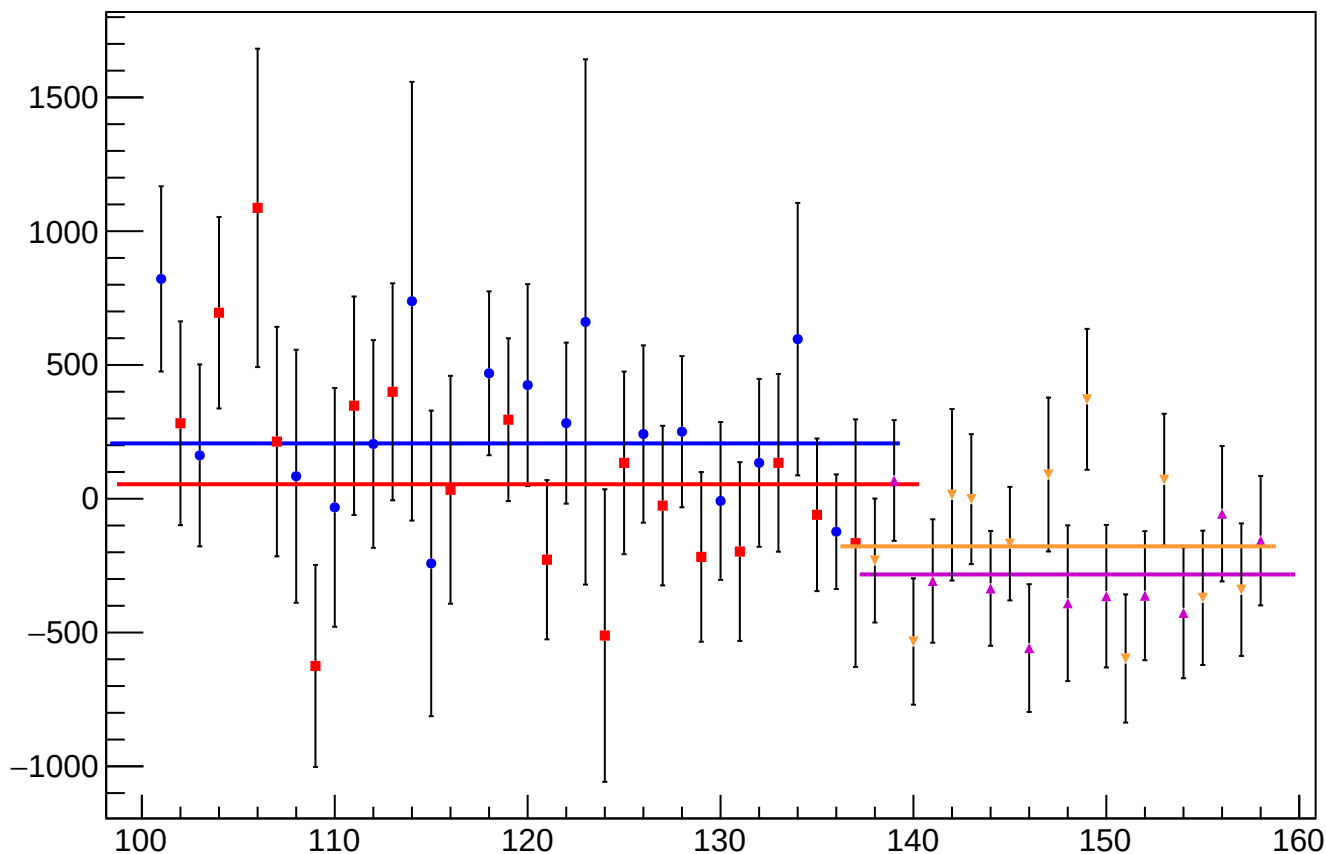
Right: 692.935 $\pm$ 0.136 χ^2 /NDF: 1331611.8/34

In: 663.771 $\pm$ 0.124 χ^2 /NDF: 1027837.5/26

Out: 669.266 $\pm$ 0.123 χ^2 /NDF: 872912.2/28

All: 666.531 $\pm$ 0.087 χ^2 /NDF: 1901739.9/55

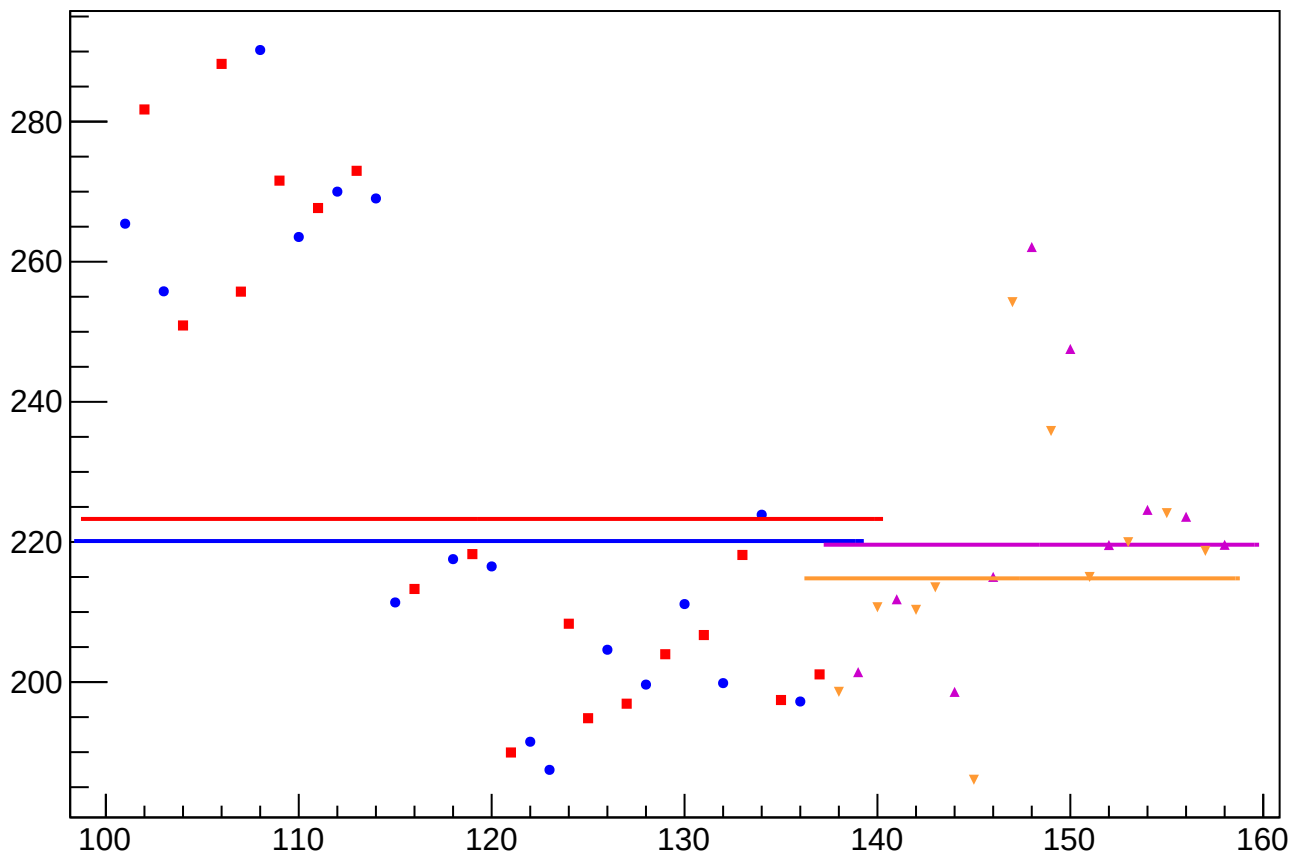
dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 206.874 ± 85.632 $\chi^2/\text{NDF}: 9.5/16$
 Left Out: -177.872 ± 74.942 $\chi^2/\text{NDF}: 13.5/10$
 Right Out: 54.185 ± 85.192 $\chi^2/\text{NDF}: 15.7/17$
 Left In: -282.886 ± 76.642 $\chi^2/\text{NDF}: 5.6/9$

Left: -229.201 ± 53.583 $\chi^2/\text{NDF}: 20.1/20$
 Right: 130.137 ± 60.395 $\chi^2/\text{NDF}: 26.8/34$
 In: -65.055 ± 57.109 $\chi^2/\text{NDF}: 33.2/26$
 Out: -76.637 ± 56.269 $\chi^2/\text{NDF}: 33.4/28$
 All: -70.932 ± 40.082 $\chi^2/\text{NDF}: 66.6/55$

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 220.133 $\pm$ 0.061 χ^2 /NDF: 228444.0/16

Left Out: 214.807 $\pm$ 0.053 χ^2 /NDF: 102016.7/10

Right Out: 223.287 $\pm$ 0.060 χ^2 /NDF: 272255.2/17

Left In: 219.607 $\pm$ 0.054 χ^2 /NDF: 101091.7/9

Left: 217.153 $\pm$ 0.038 χ^2 /NDF: 207120.4/20

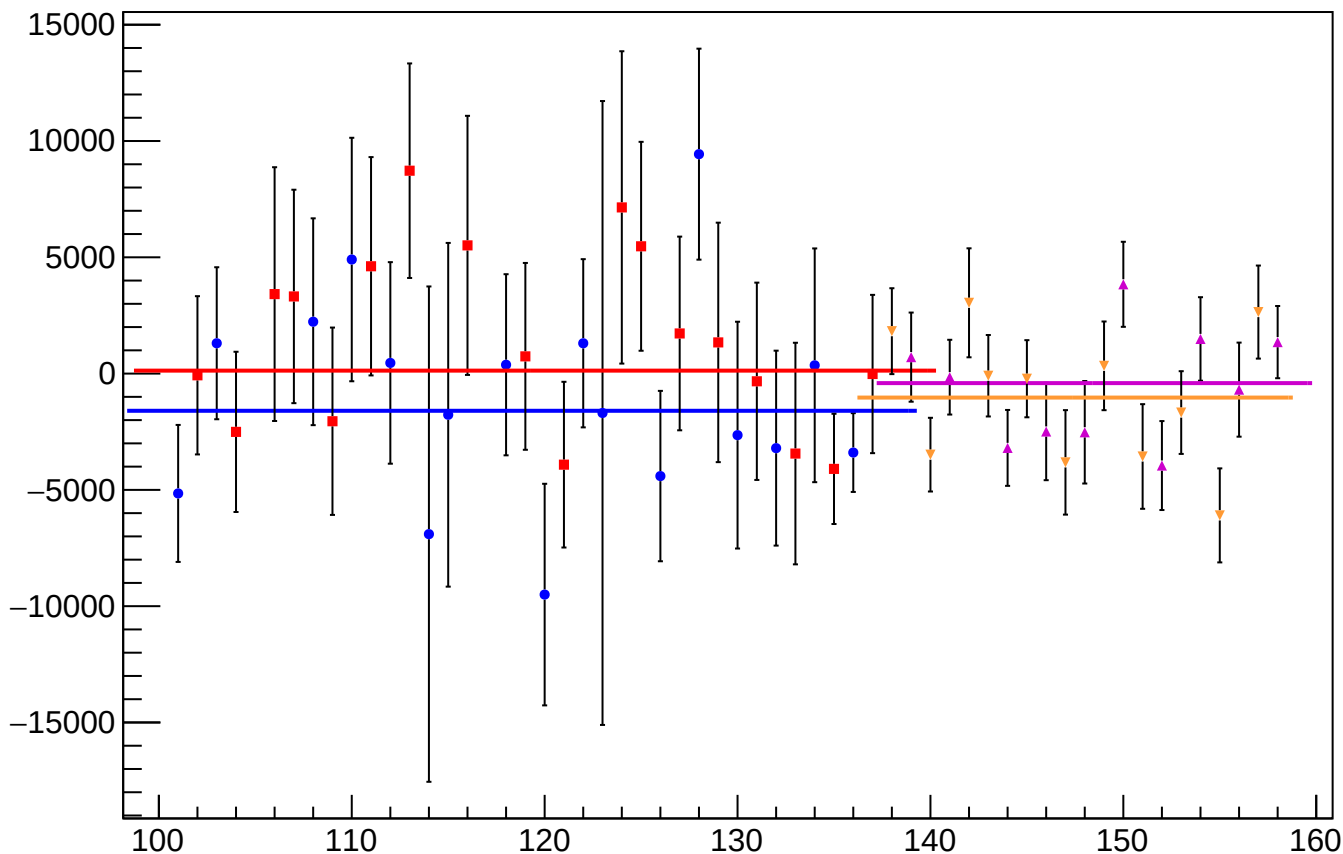
Right: 221.718 $\pm$ 0.043 χ^2 /NDF: 502063.5/34

In: 219.841 $\pm$ 0.040 χ^2 /NDF: 329577.5/26

Out: 218.506 $\pm$ 0.040 χ^2 /NDF: 385445.8/28

All: 219.164 $\pm$ 0.028 χ^2 /NDF: 715577.7/55

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: -1030.805 $\pm$ 573.033 χ^2 /NDF:21.4/10

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: -721.708 $\pm$ 406.327 χ^2 /NDF: 38.5/20

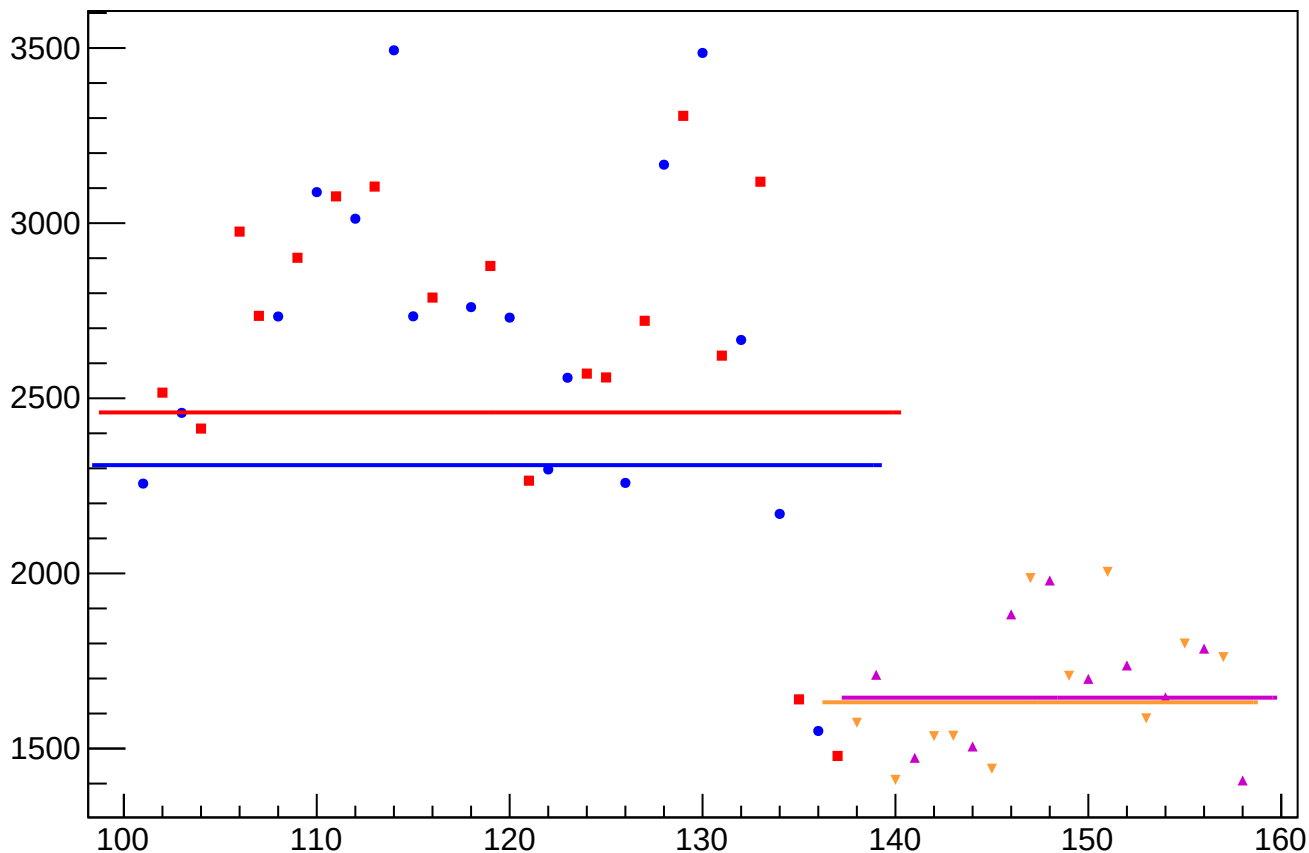
Right: -761.539 $\pm$ 660.970 χ^2 /NDF: 33.2/34

In: -743.876 $\pm$ 488.514 χ^2 /NDF:34.3/26

Out: -721.294 $\pm$ 490.554 χ^2 /NDF:37.4/28

All: -732.632 $\pm$ 346.151 χ^2 /NDF: 71.6/55

asym_sam_26_dd_correction_rms vs Slug, Sign Corrected



Right In: 2309.132+/-0.651 χ^2/NDF : 800728.2/16

Left Out: 1632.132+/-0.405 χ^2/NDF : 207837.4/10

Right Out: 2459.603+/-0.671 χ^2/NDF : 668179.2/17

Left In: 1645.287+/-0.407 χ^2/NDF : 173923.9/9

Left: 1638.673+/-0.287 χ^2/NDF : 382285.4/20

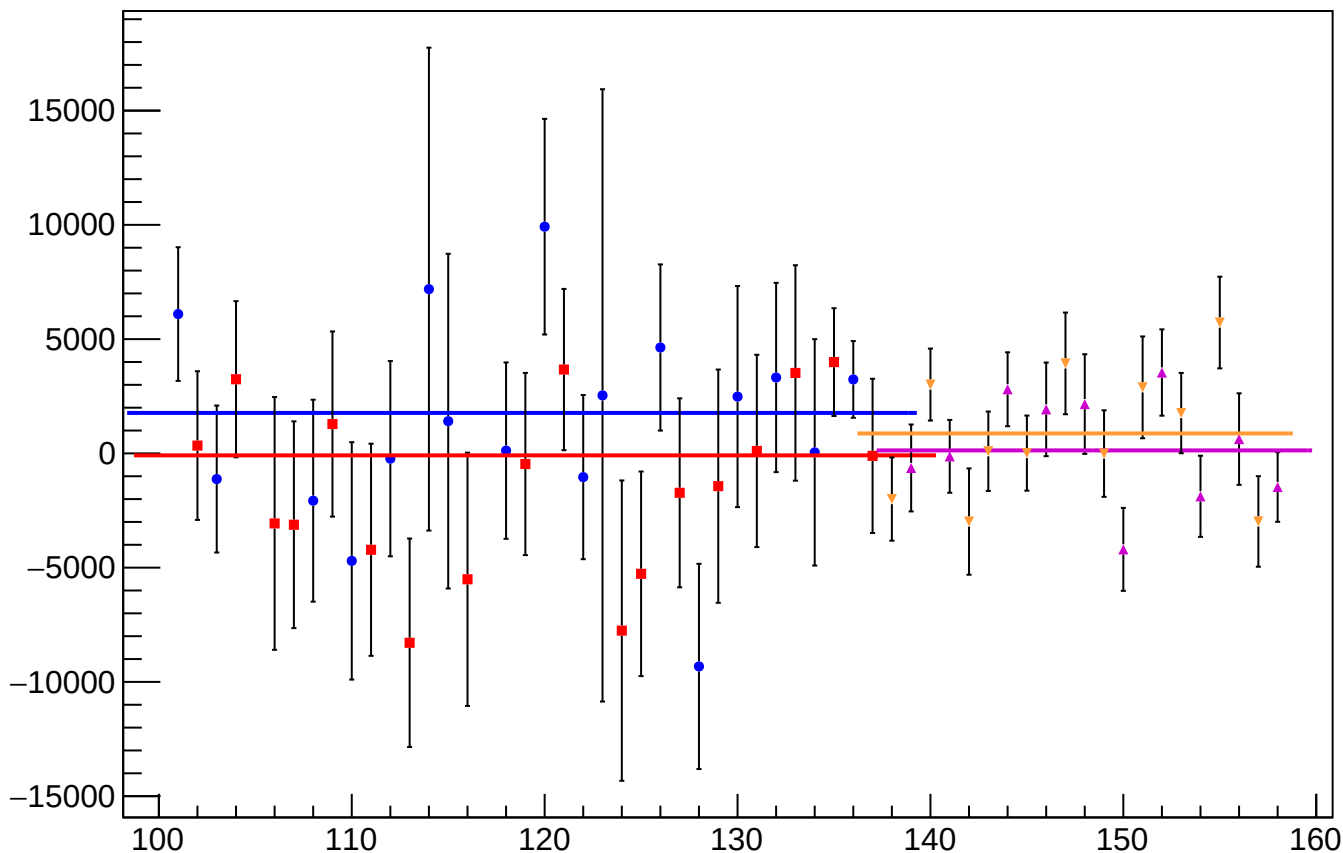
Right: 2382.111+/-0.467 χ^2/NDF : 1494797.0/34

In: 1832.038+/-0.345 χ^2/NDF : 1721343.6/26

Out: 1853.192+/-0.347 χ^2/NDF : 1990136.5/28

All: 1842.571+/-0.245 χ^2/NDF : 3713347.4/55

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 1771.279+/-912.328 χ^2/NDF : 17.3/16

Left Out: 873.231+/-567.917 χ^2/NDF : 20.4/10

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: 502.944+/-402.166 χ^2/NDF : 37.2/20

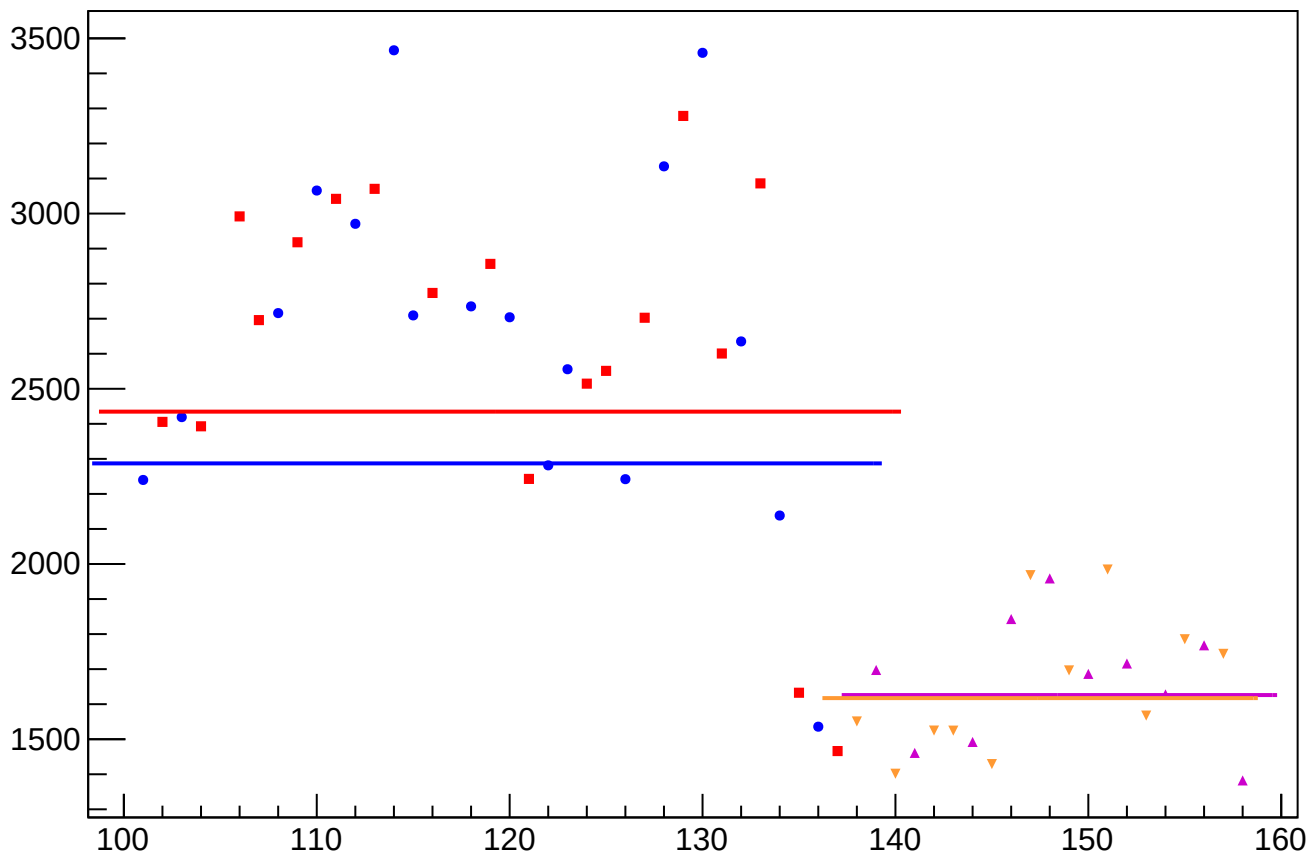
Right: 870.195+/-654.628 χ^2/NDF : 33.8/34

In: 590.657+/-483.154 χ^2/NDF : 35.6/26

Out: 616.644+/-486.068 χ^2/NDF : 35.6/28

All: 603.572+/-342.667 χ^2/NDF : 71.2/55

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2287.102 $\pm$ 0.645 χ^2 /NDF: 799399.0/16

Left Out: 1617.313 $\pm$ 0.402 χ^2 /NDF: 206615.7/10

Right Out: 2434.786 $\pm$ 0.665 χ^2 /NDF: 666938.3/17

Left In: 1626.031 $\pm$ 0.403 χ^2 /NDF: 174975.4/9

Left: 1621.659 $\pm$ 0.284 χ^2 /NDF: 381826.1/20

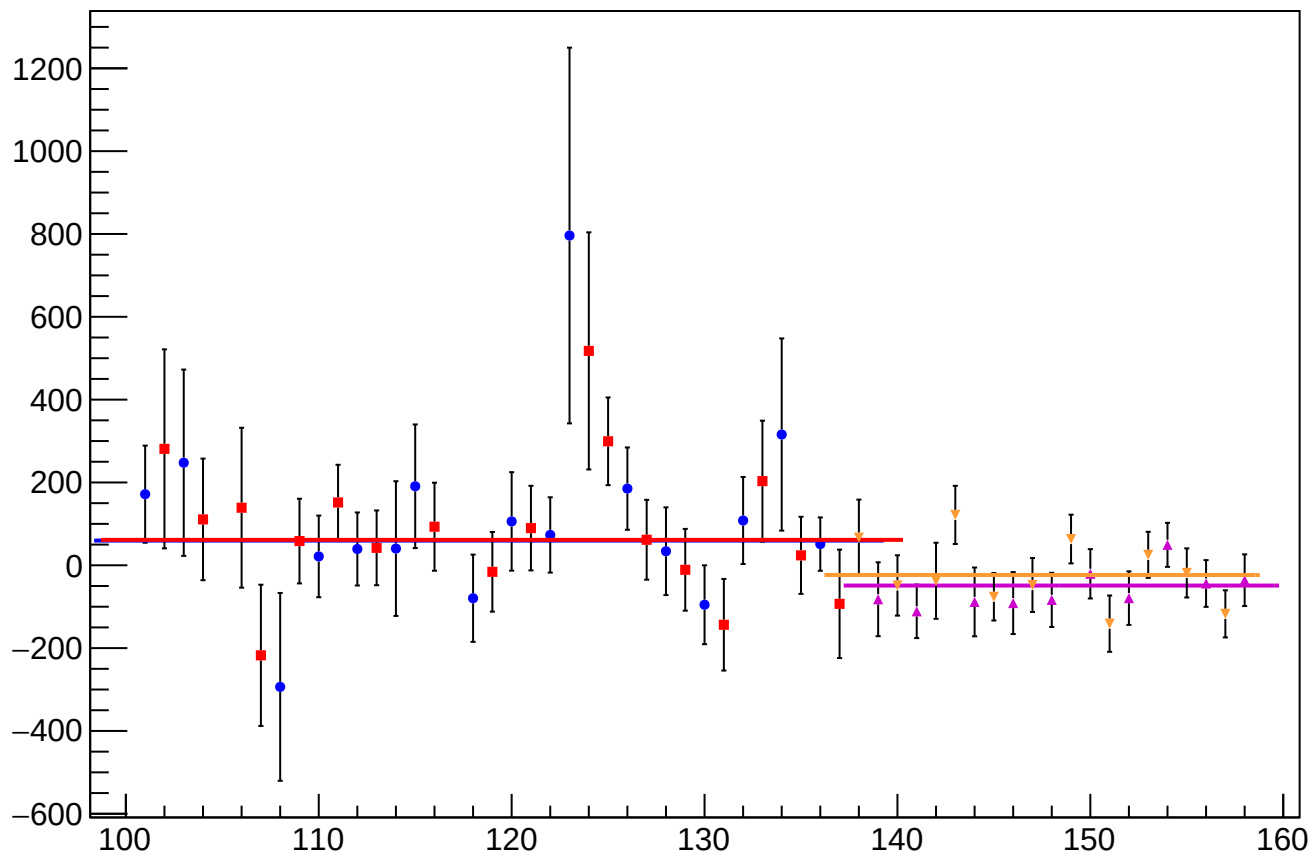
Right: 2358.750 $\pm$ 0.463 χ^2 /NDF: 1491762.6/34

In: 1811.434 $\pm$ 0.342 χ^2 /NDF: 1729952.6/26

Out: 1835.963 $\pm$ 0.344 χ^2 /NDF: 1981918.2/28

All: 1823.625 $\pm$ 0.242 χ^2 /NDF: 3714432.6/55

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: -23.494 $\pm$ 19.647 χ^2 /NDF:15.0/10

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: -35.649 $\pm$ 14.201 χ^2 /NDF: 21.6/20

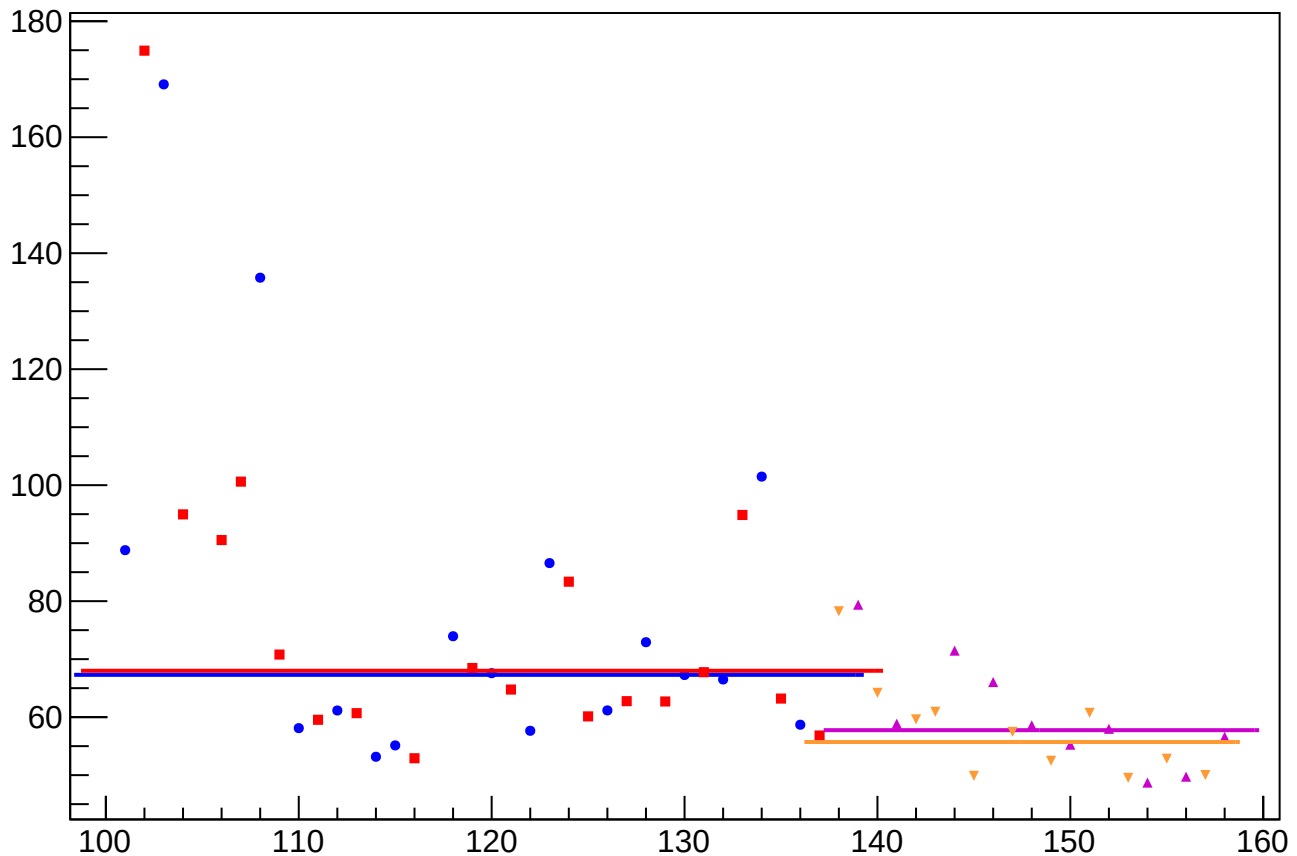
Right: 60.530 $\pm$ 19.124 χ^2 /NDF: 35.0/34

In: -9.258 $\pm$ 16.370 χ^2 /NDF:31.4/26

Out: 5.881 $\pm$ 15.889 χ^2 /NDF:41.2/28

All: -1.463 $\pm$ 11.401 χ^2 /NDF: 73.0/55

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 67.297+/-0.019 χ^2/NDF : 841352.2/16

Left Out: 55.714+/-0.014 χ^2/NDF : 250840.1/10

Right Out: 67.998+/-0.019 χ^2/NDF : 754329.7/17

Left In: 57.754+/-0.015 χ^2/NDF : 300043.1/9

Left: 56.688+/-0.010 χ^2/NDF : 561176.0/20

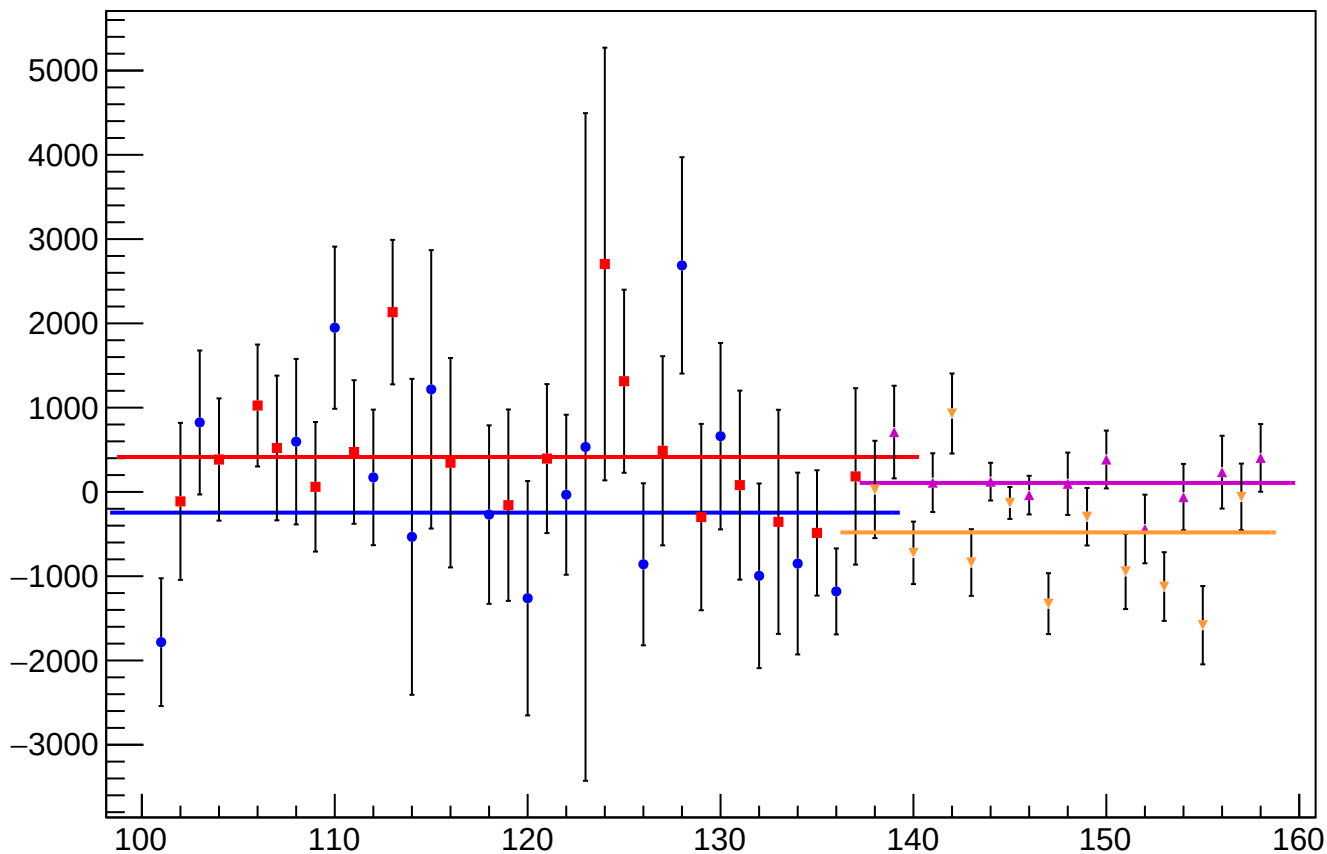
Right: 67.648+/-0.014 χ^2/NDF : 1596354.2/34

In: 61.241+/-0.012 χ^2/NDF : 1299012.6/26

Out: 59.965+/-0.011 χ^2/NDF : 1275699.0/28

All: 60.584+/-0.008 χ^2/NDF : 2580974.6/55

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: -480.121 $\pm$ 107.099 χ^2 /NDF:30.3/10

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: -181.368 $\pm$ 75.056 χ^2 /NDF: 50.5/20

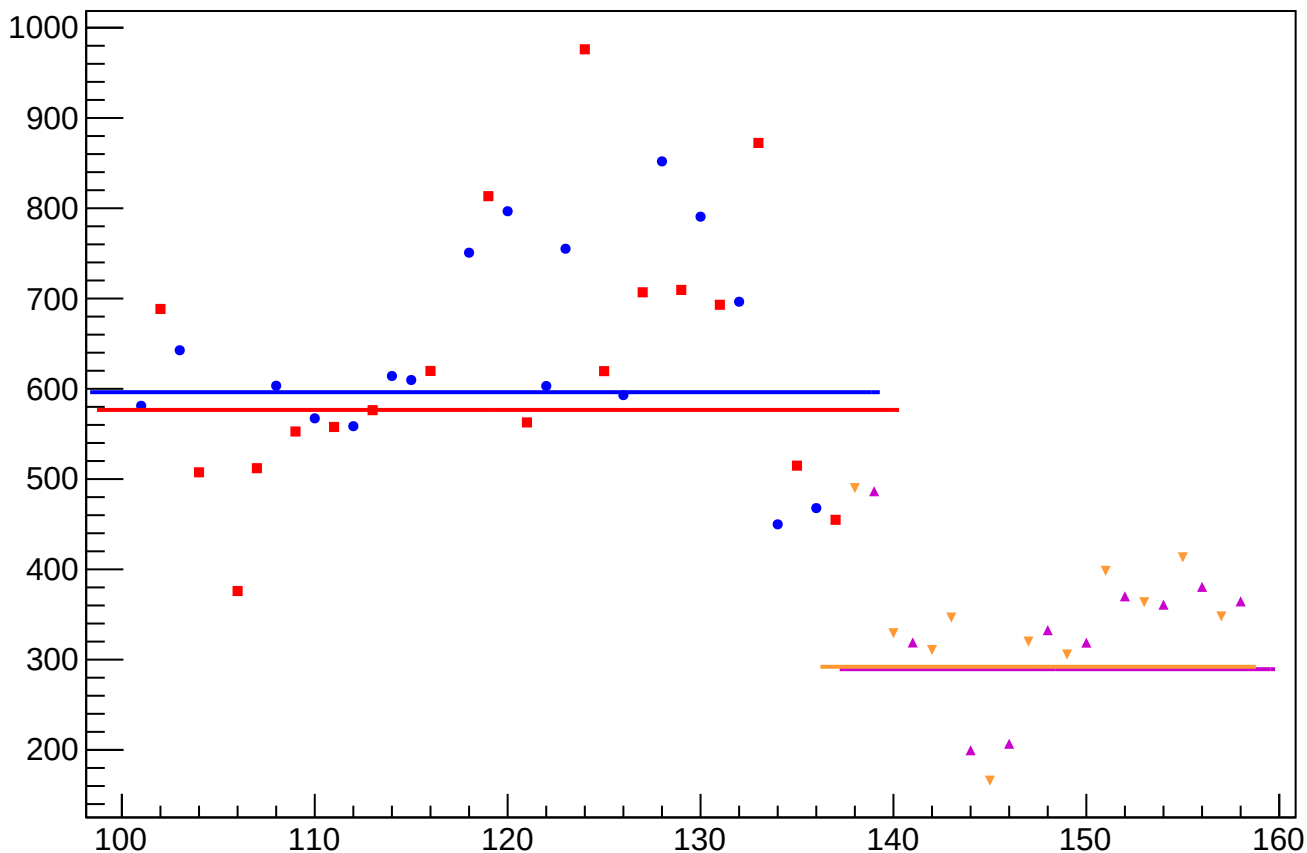
Right: 102.716 $\pm$ 161.811 χ^2 /NDF: 37.3/34

In: 48.258 $\pm$ 96.057 χ^2 /NDF:30.5/26

Out: -312.146 $\pm$ 96.525 χ^2 /NDF:52.8/28

All: -131.068 $\pm$ 68.088 χ^2 /NDF: 90.3/55

asym_sam_37_dd_correction_rms vs Slug, Sign Corrected



Right In: 596.246 $\pm$ 0.166 χ^2 /NDF: 422153.3/16

Left Out: 292.101 $\pm$ 0.076 χ^2 /NDF:1545711.9/10

Right Out: 576.614 $\pm$ 0.158 χ^2 /NDF: 573658.2/17

Left In: 289.431 $\pm$ 0.074 χ^2 /NDF:1198300.3/9

Left: 290.742 $\pm$ 0.053 χ^2 /NDF: 2744645.0/20

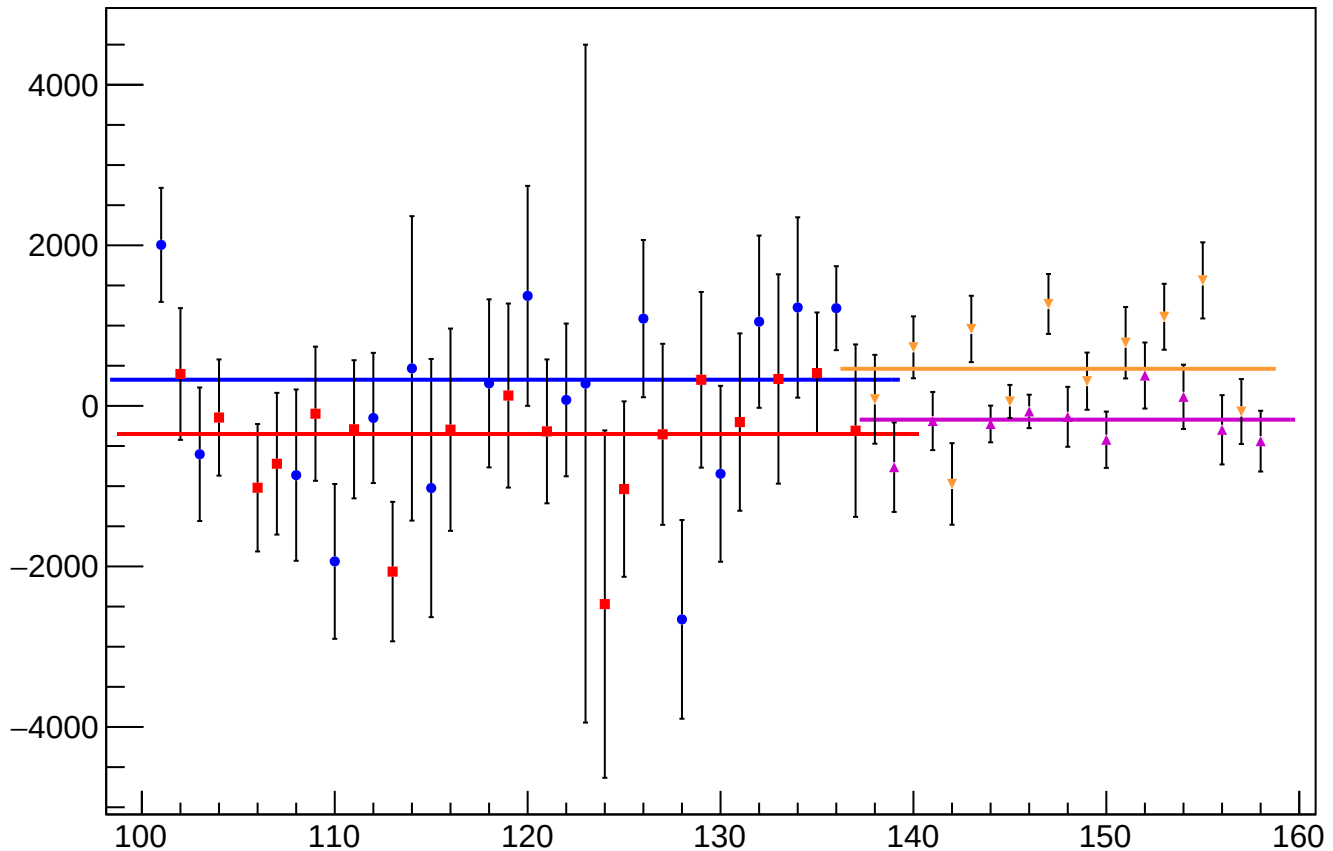
Right: 585.890 $\pm$ 0.114 χ^2 /NDF: 1003148.8/34

In: 340.517 $\pm$ 0.068 χ^2 /NDF:4452220.3/26

Out: 345.508 $\pm$ 0.068 χ^2 /NDF:4768844.2/28

All: 343.001 $\pm$ 0.048 χ^2 /NDF: 9223750.7/55

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 326.077 $\pm$ 235.599 χ^2 /NDF: 26.9/16

Left Out: 461.936 $\pm$ 111.839 χ^2 /NDF:29.3/10

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: 121.514 $\pm$ 76.071 χ^2 /NDF: 51.4/20

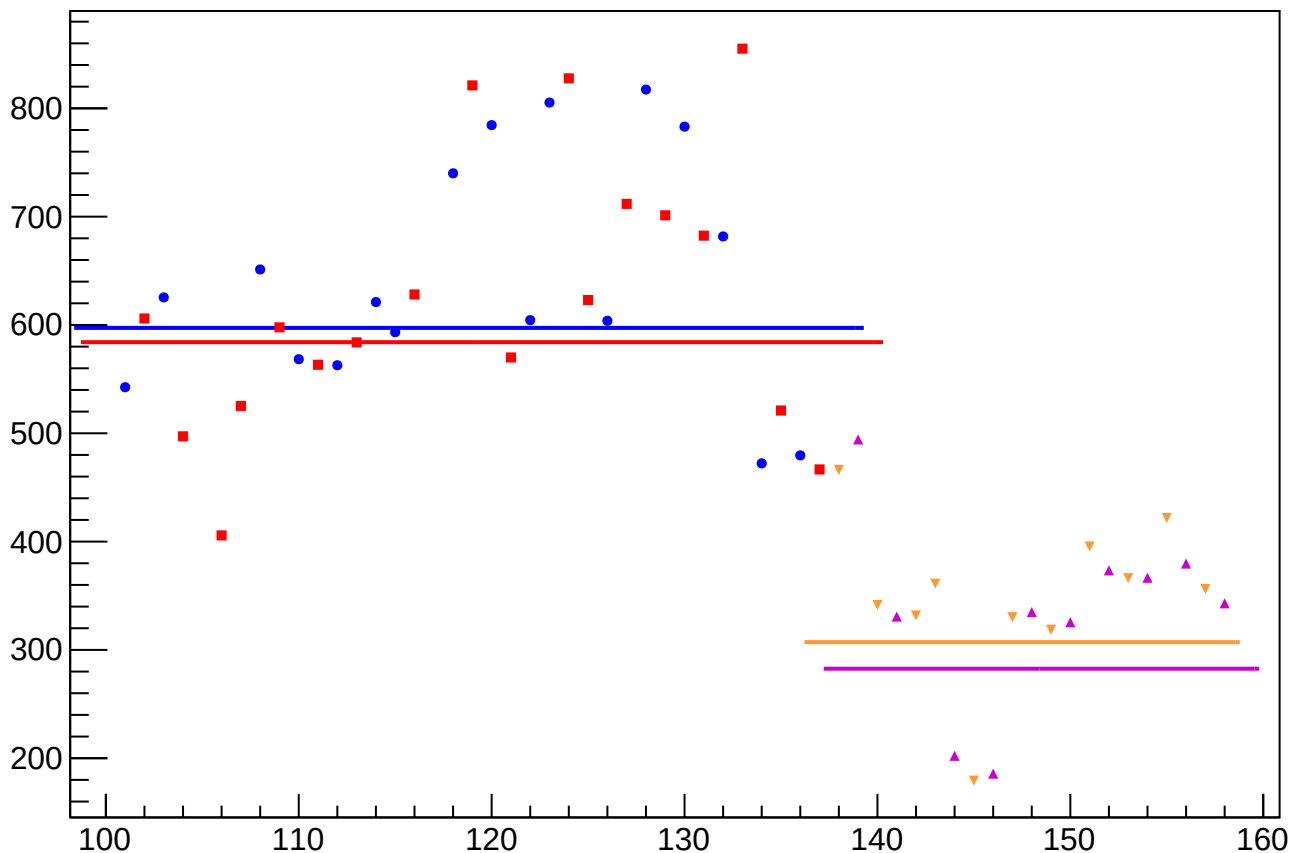
Right: -27.335 $\pm$ 162.813 χ^2 /NDF: 40.2/34

In: -90.714 $\pm$ 94.969 χ^2 /NDF:35.4/26

Out: 301.287 $\pm$ 100.172 χ^2 /NDF:48.7/28

All: 94.842 $\pm$ 68.919 χ^2 /NDF: 92.2/55

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 597.298 $\pm$ 0.167 χ^2 /NDF: 363658.5/16

Left Out: 307.162 $\pm$ 0.079 χ^2 /NDF:1268553.6/10

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: 293.995 $\pm$ 0.054 χ^2 /NDF: 2731067.3/20

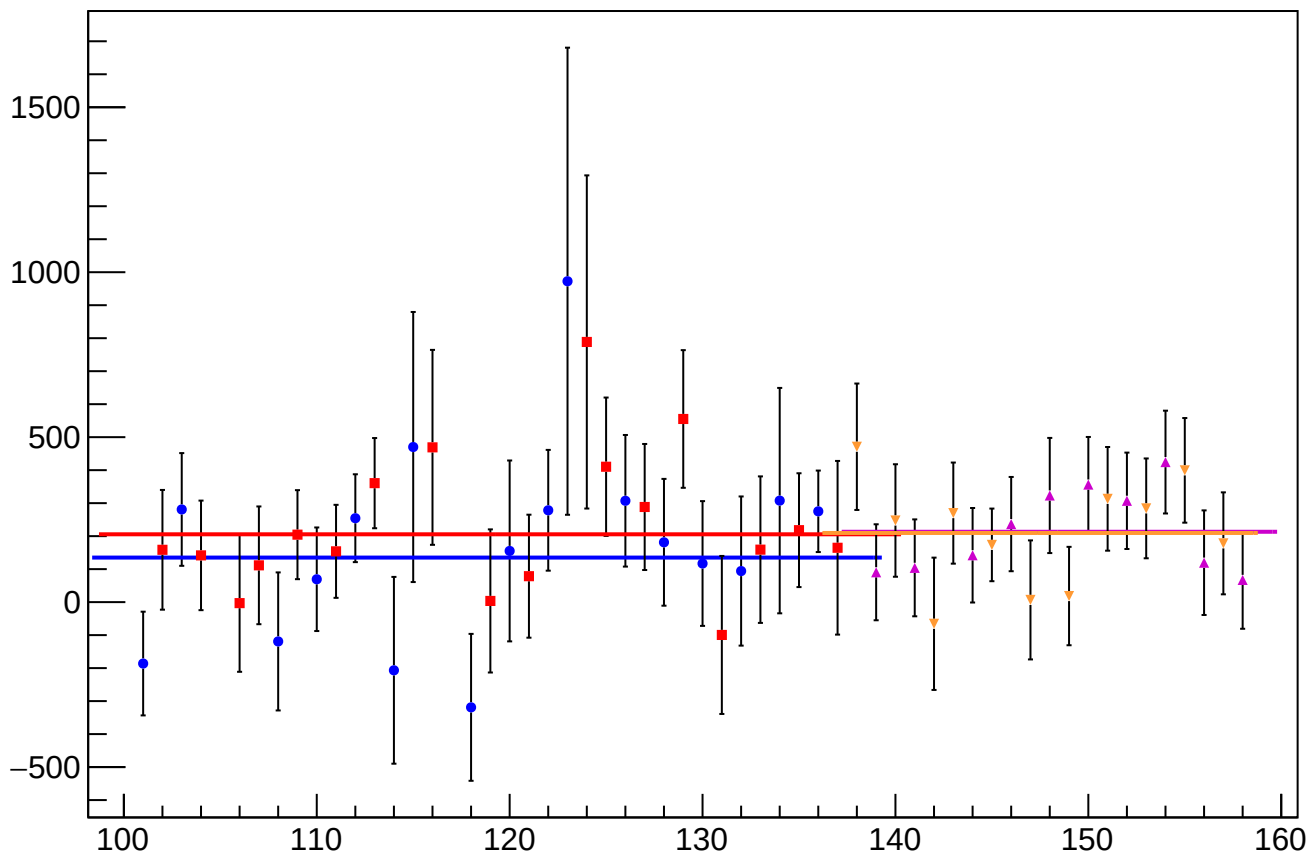
Right: 590.409 $\pm$ 0.115 χ^2 /NDF: 813814.1/34

In: 333.782 $\pm$ 0.067 χ^2 /NDF:4762039.9/26

Out: 361.933 $\pm$ 0.071 χ^2 /NDF:4140862.5/28

All: 347.108 $\pm$ 0.049 χ^2 /NDF: 8986083.4/55

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: 209.611 $\pm$ 46.976 χ^2 /NDF:9.1/10

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: 211.414 $\pm$ 33.355 χ^2 /NDF: 15.6/20

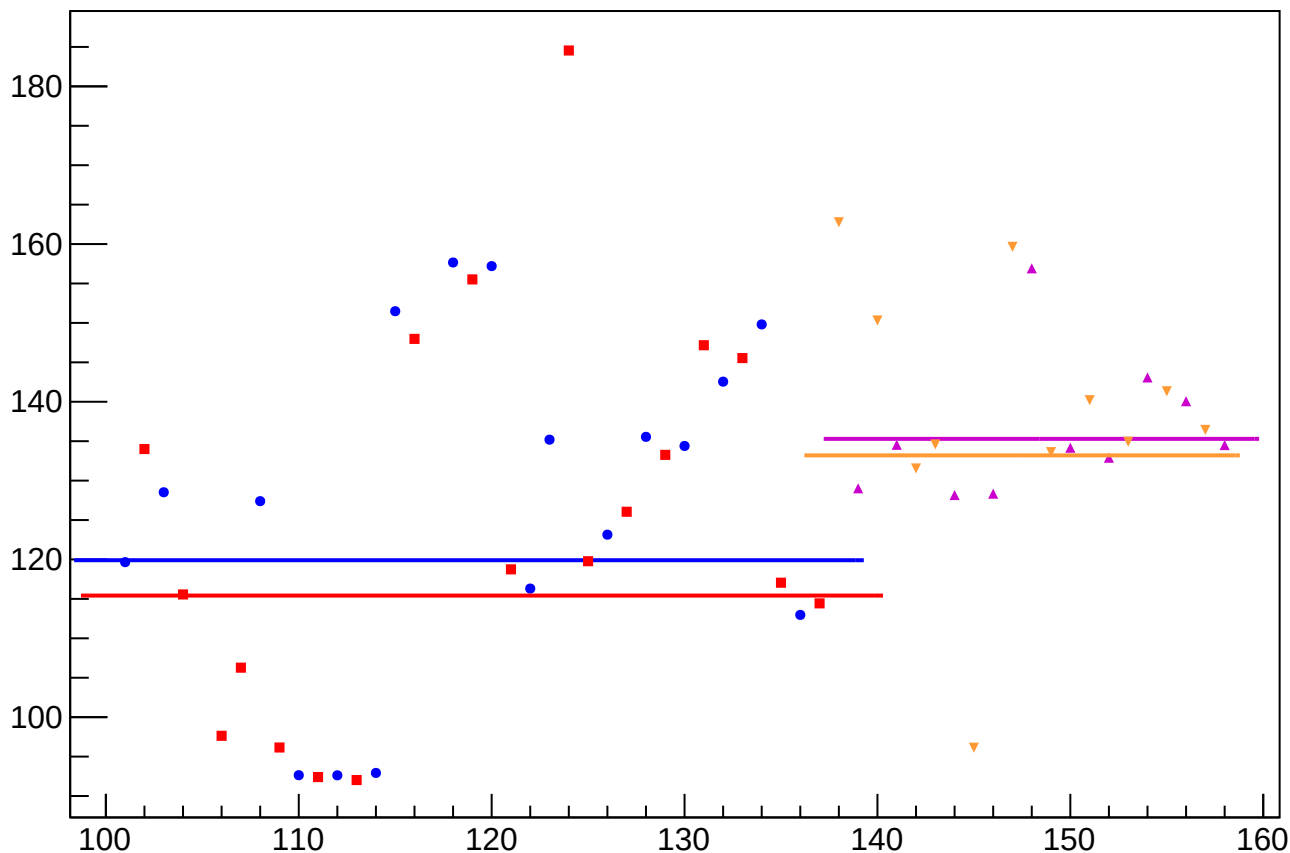
Right: 172.226 $\pm$ 32.336 χ^2 /NDF: 31.3/34

In: 173.852 $\pm$ 33.373 χ^2 /NDF:25.9/26

Out: 207.493 $\pm$ 32.320 χ^2 /NDF:21.1/28

All: 191.212 $\pm$ 23.217 χ^2 /NDF: 47.6/55

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.903 $\pm$ 0.033 χ^2 /NDF: 345510.5/16

Left Out: 133.202 $\pm$ 0.033 χ^2 /NDF:348308.1/10

Right Out: 115.422 $\pm$ 0.031 χ^2 /NDF: 418100.5/17

Left In: 135.296 $\pm$ 0.033 χ^2 /NDF:51689.6/9

Left: 134.240 $\pm$ 0.024 χ^2 /NDF: 401969.2/20

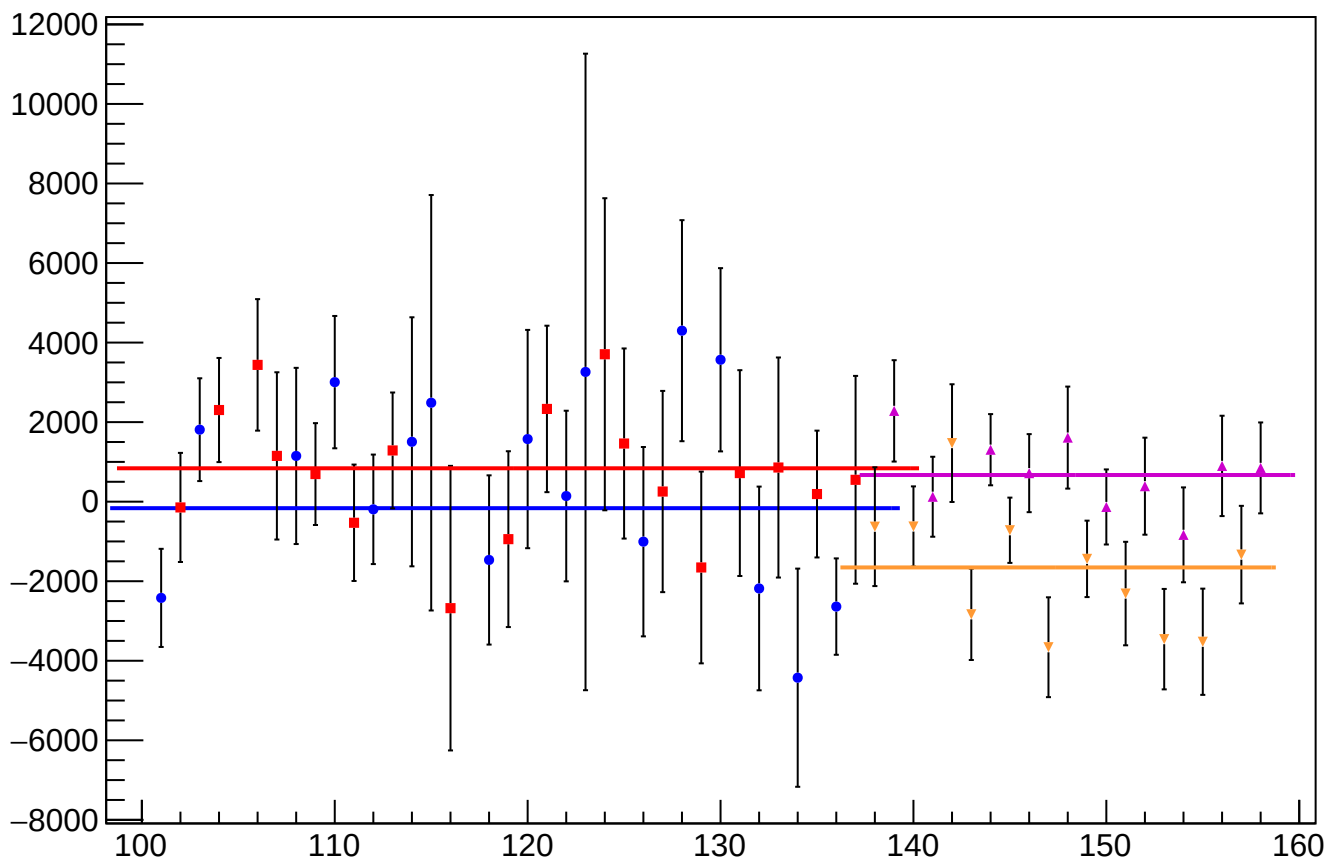
Right: 117.541 $\pm$ 0.023 χ^2 /NDF: 773185.8/34

In: 127.544 $\pm$ 0.024 χ^2 /NDF:503565.2/26

Out: 123.838 $\pm$ 0.023 χ^2 /NDF:917291.3/28

All: 125.631 $\pm$ 0.016 χ^2 /NDF: 1433579.6/55

asym_sam_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -163.538+/-469.592 χ^2/NDF : 23.7/16

Left Out: -1653.562+/-347.277 χ^2/NDF :15.2/10

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: -484.738+/-244.832 χ^2/NDF : 43.1/20

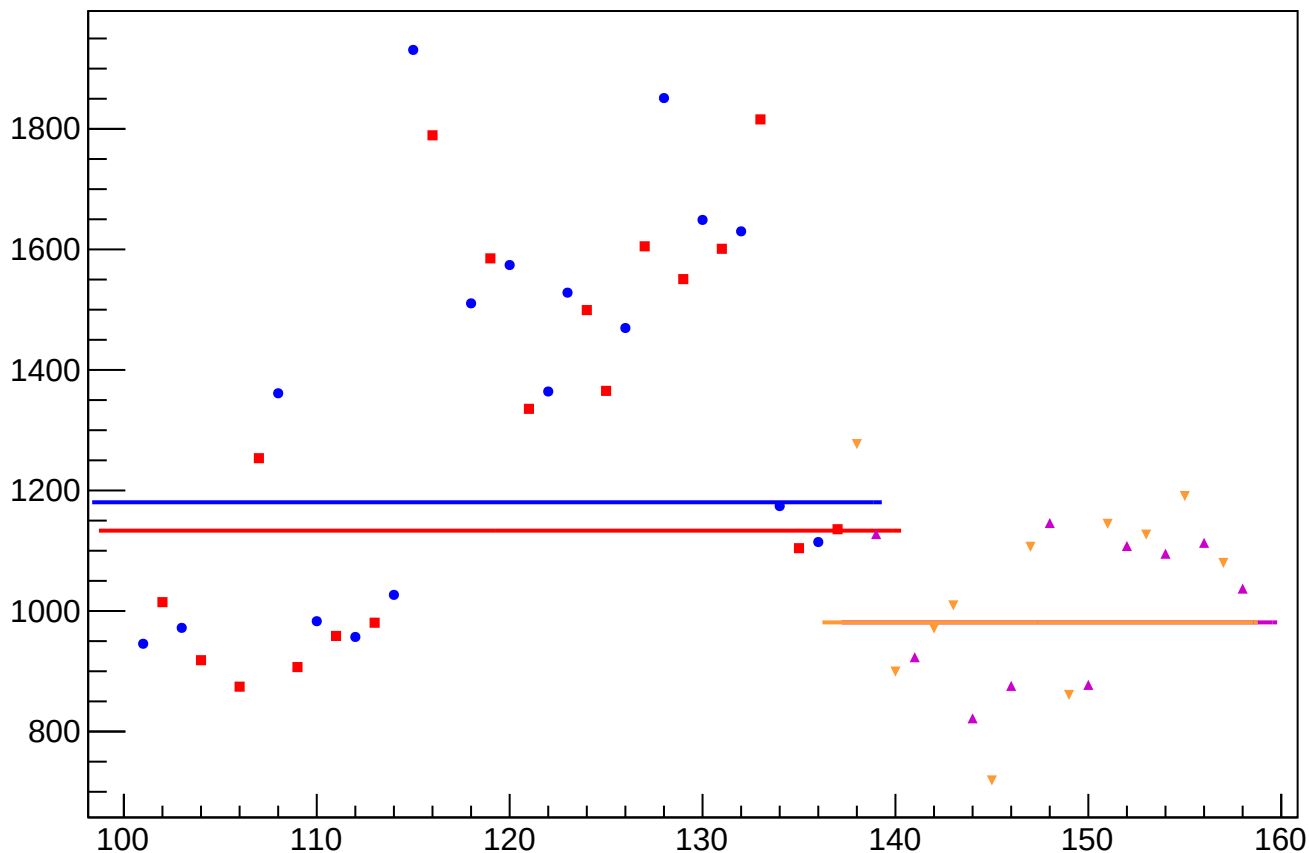
Right: 369.872+/-321.264 χ^2/NDF : 35.4/34

In: 377.751+/-278.147 χ^2/NDF :31.1/26

Out: -698.033+/-272.712 χ^2/NDF :44.3/28

All: -170.753+/-194.730 χ^2/NDF : 83.0/55

asym_sam_48_dd_correction_rms vs Slug, Sign Corrected



Right In: 1180.403 $\pm$ 0.332 χ^2/NDF : 668845.5/16

Left Out: 981.104 $\pm$ 0.246 χ^2/NDF : 468958.6/10

Right Out: 1133.347 $\pm$ 0.311 χ^2/NDF : 760395.8/17

Left In: 981.119 $\pm$ 0.244 χ^2/NDF : 243177.5/9

Left: 981.111 $\pm$ 0.173 χ^2/NDF : 712136.1/20

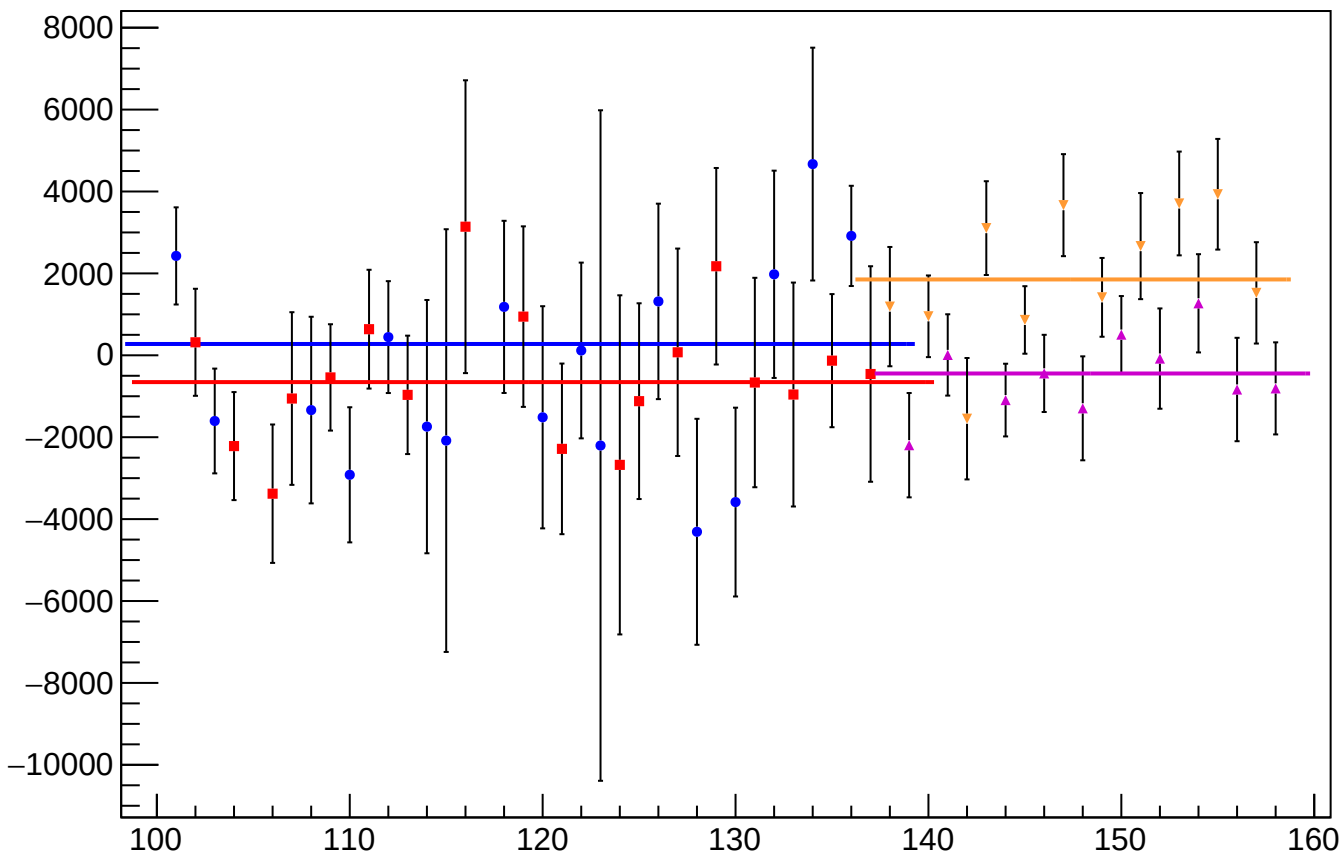
Right: 1155.371 $\pm$ 0.227 χ^2/NDF : 1439924.5/34

In: 1051.035 $\pm$ 0.197 χ^2/NDF : 1145846.3/26

Out: 1039.462 $\pm$ 0.193 χ^2/NDF : 1376694.1/28

All: 1045.134 $\pm$ 0.138 χ^2/NDF : 2524305.8/55

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 276.422 $\pm$ 466.424 χ^2 /NDF: 24.3/16

Left Out: 1852.194 $\pm$ 346.885 χ^2 /NDF:16.2/10

Right Out: -654.406 $\pm$ 439.824 χ^2 /NDF: 9.6/17

Left In: -444.079 $\pm$ 341.934 χ^2 /NDF:6.4/9

Left: 687.553 $\pm$ 243.515 χ^2 /NDF: 44.9/20

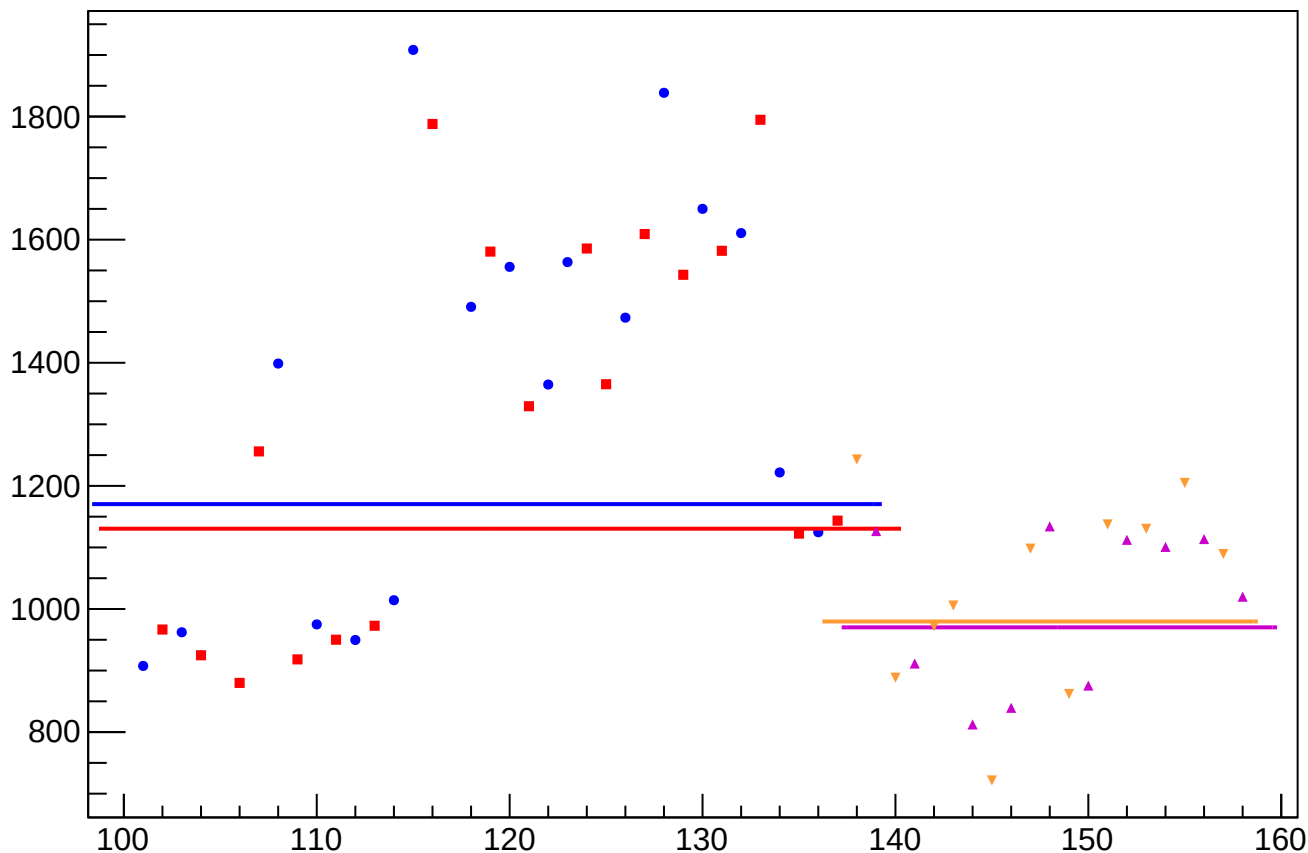
Right: -216.291 $\pm$ 319.993 χ^2 /NDF: 36.0/34

In: -192.218 $\pm$ 275.768 χ^2 /NDF:32.3/26

Out: 890.939 $\pm$ 272.368 χ^2 /NDF:45.8/28

All: 356.080 $\pm$ 193.784 χ^2 /NDF: 85.9/55

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1170.404 $\pm$ 0.330 χ^2 /NDF: 705486.8/16

Left Out: 979.731 $\pm$ 0.245 χ^2 /NDF: 456537.8/10

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: 974.881 $\pm$ 0.172 χ^2 /NDF: 730176.6/20

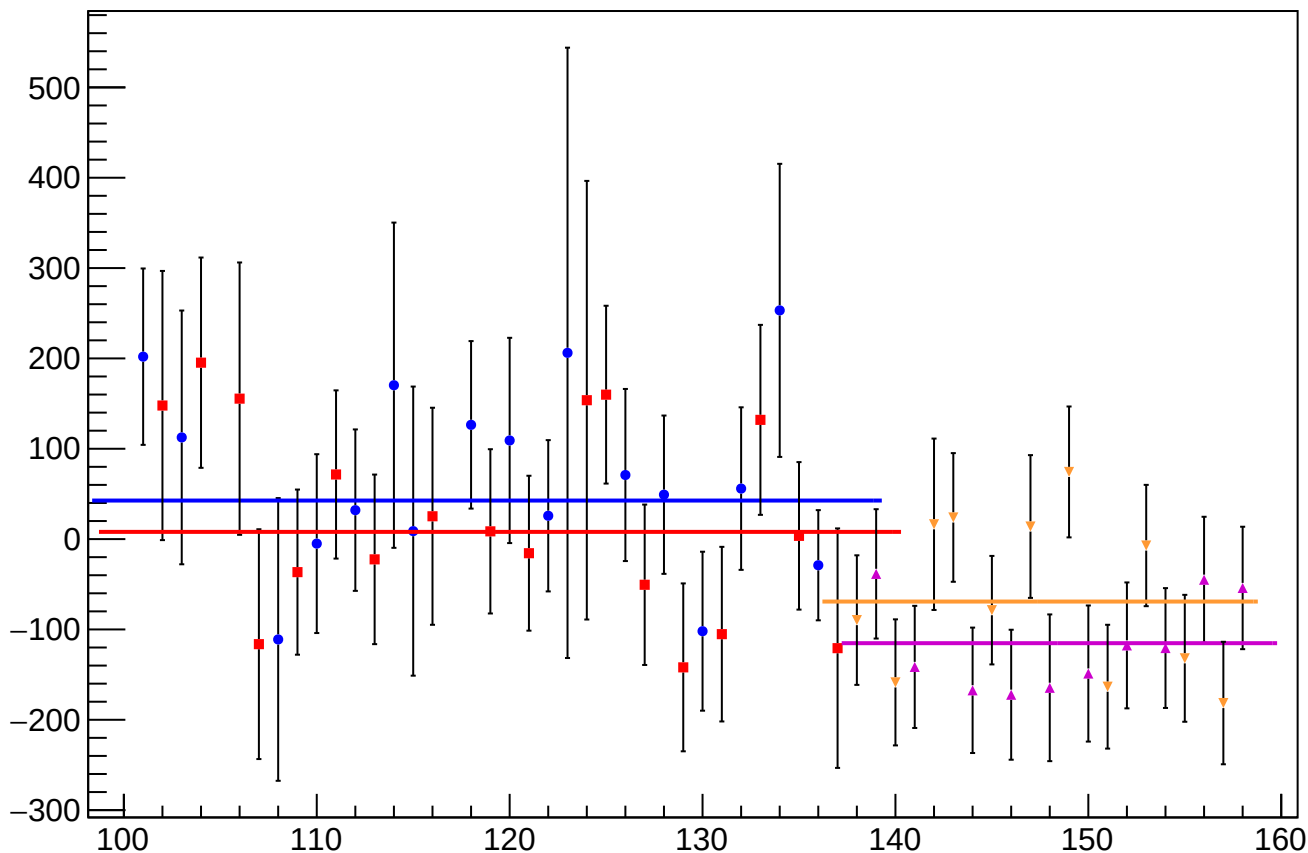
Right: 1149.259 $\pm$ 0.226 χ^2 /NDF: 1476279.7/34

In: 1040.163 $\pm$ 0.195 χ^2 /NDF: 1218104.7/26

Out: 1037.533 $\pm$ 0.193 χ^2 /NDF: 1364371.0/28

All: 1038.832 $\pm$ 0.137 χ^2 /NDF: 2582567.8/55

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: -69.125 ± 21.362 $\chi^2/\text{NDF}: 15.6/10$

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: -91.111 ± 15.447 $\chi^2/\text{NDF}: 22.7/20$

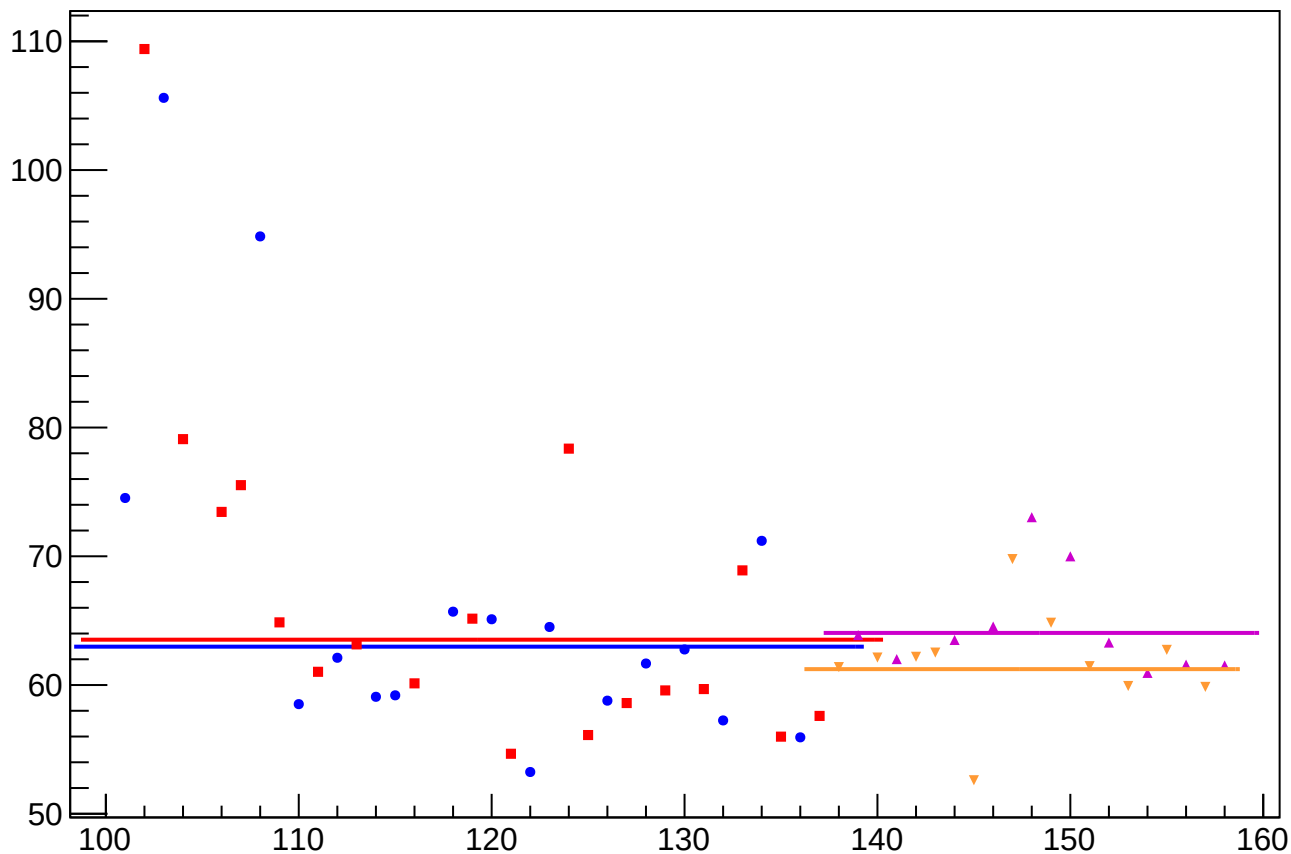
Right: 25.187 ± 17.392 $\chi^2/\text{NDF}: 28.8/34$

In: -44.091 ± 16.578 $\chi^2/\text{NDF}: 39.3/26$

Out: -35.805 ± 16.099 $\chi^2/\text{NDF}: 37.0/28$

All: -39.827 ± 11.549 $\chi^2/\text{NDF}: 76.5/55$

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: 61.235 $\pm$ 0.015 χ^2 /NDF: 73395.0/10

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: 62.577 $\pm$ 0.011 χ^2 /NDF: 138844.7/20

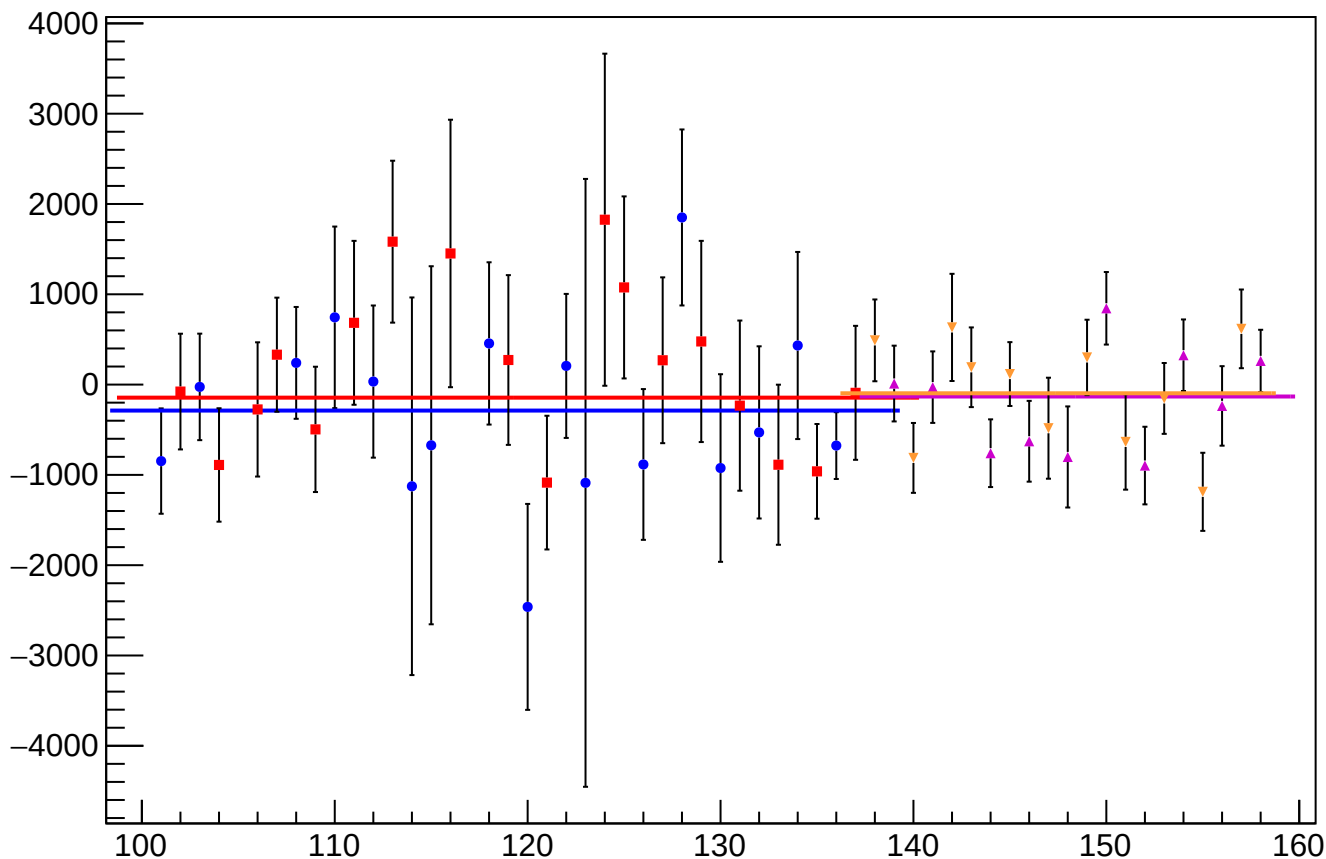
Right: 63.253 $\pm$ 0.012 χ^2 /NDF: 711180.0/34

In: 63.567 $\pm$ 0.012 χ^2 /NDF: 426219.4/26

Out: 62.223 $\pm$ 0.011 χ^2 /NDF: 418734.1/28

All: 62.875 $\pm$ 0.008 χ^2 /NDF: 851716.7/55

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: -96.335 ± 132.278 $\chi^2/\text{NDF}: 18.9/10$

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: -114.436 ± 92.817 $\chi^2/\text{NDF}: 36.3/20$

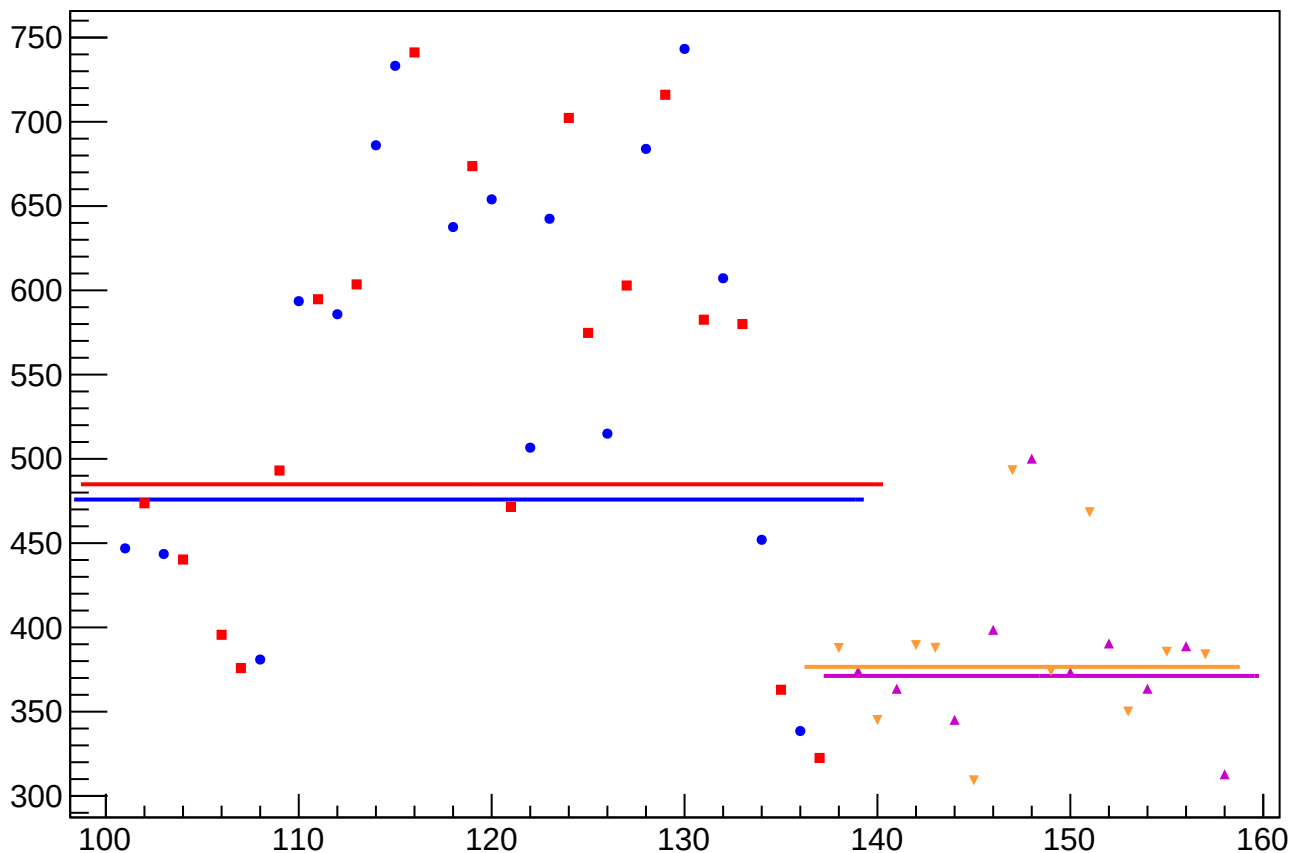
Right: -215.353 ± 133.518 $\chi^2/\text{NDF}: 31.7/34$

In: -181.817 ± 107.422 $\chi^2/\text{NDF}: 33.2/26$

Out: -112.351 ± 108.140 $\chi^2/\text{NDF}: 35.0/28$

All: -147.315 ± 76.211 $\chi^2/\text{NDF}: 68.4/55$

asym_sam_13_57_dd_correction_rms vs Slug, Sign Corrected



Right In: 475.871 $\pm$ 0.134 χ^2/NDF : 837808.5/16

Left Out: 376.597 $\pm$ 0.094 χ^2/NDF : 247278.8/10

Right Out: 484.914 $\pm$ 0.133 χ^2/NDF : 716315.8/17

Left In: 371.225 $\pm$ 0.092 χ^2/NDF : 189434.2/9

Left: 373.870 $\pm$ 0.066 χ^2/NDF : 438387.8/20

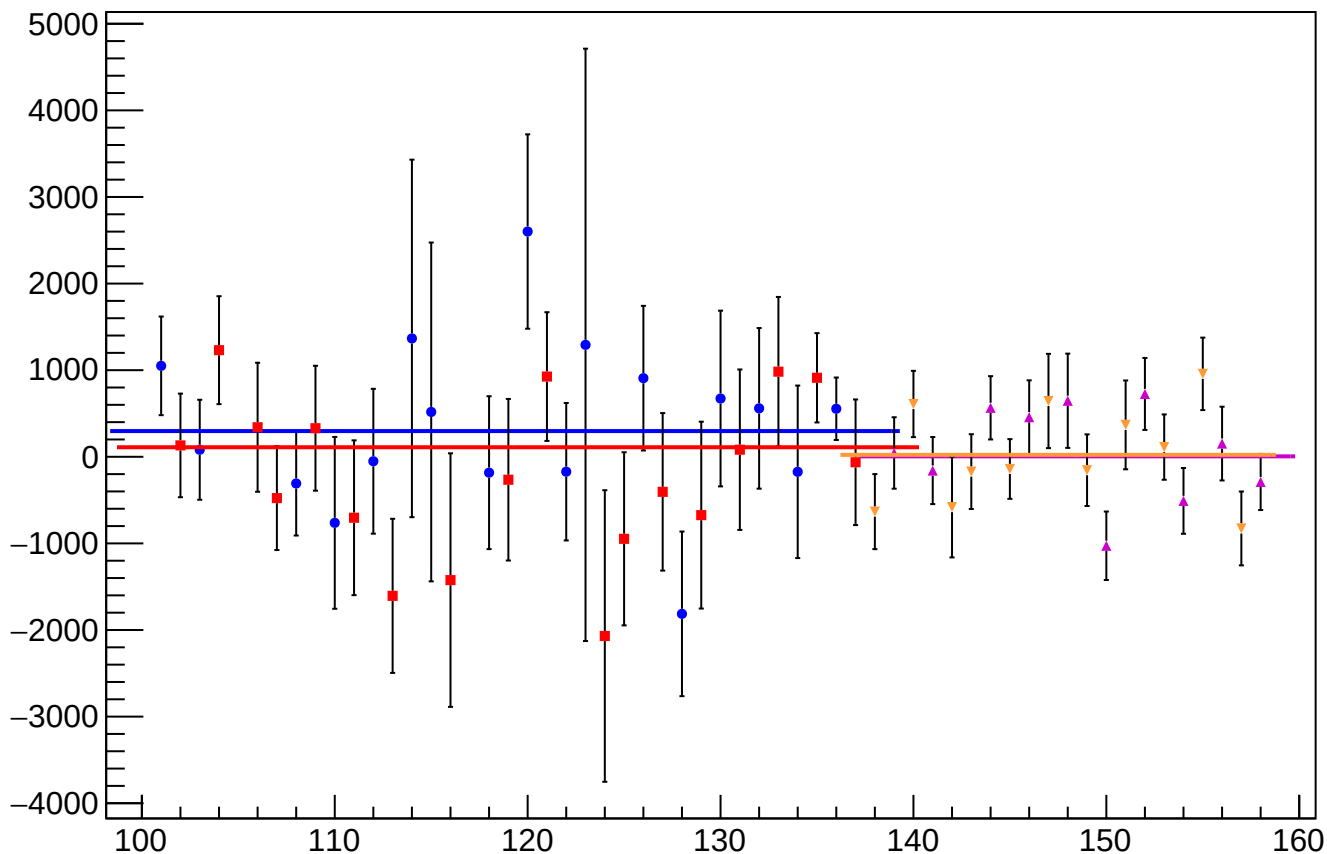
Right: 480.443 $\pm$ 0.094 χ^2/NDF : 1556417.6/34

In: 404.714 $\pm$ 0.076 χ^2/NDF : 1440264.1/26

Out: 412.521 $\pm$ 0.076 χ^2/NDF : 1408366.1/28

All: 408.592 $\pm$ 0.054 χ^2/NDF : 2853876.4/55

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: 22.398 $\pm$ 128.913 χ^2 /NDF:17.1/10

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: 13.556 $\pm$ 90.066 χ^2 /NDF: 34.8/20

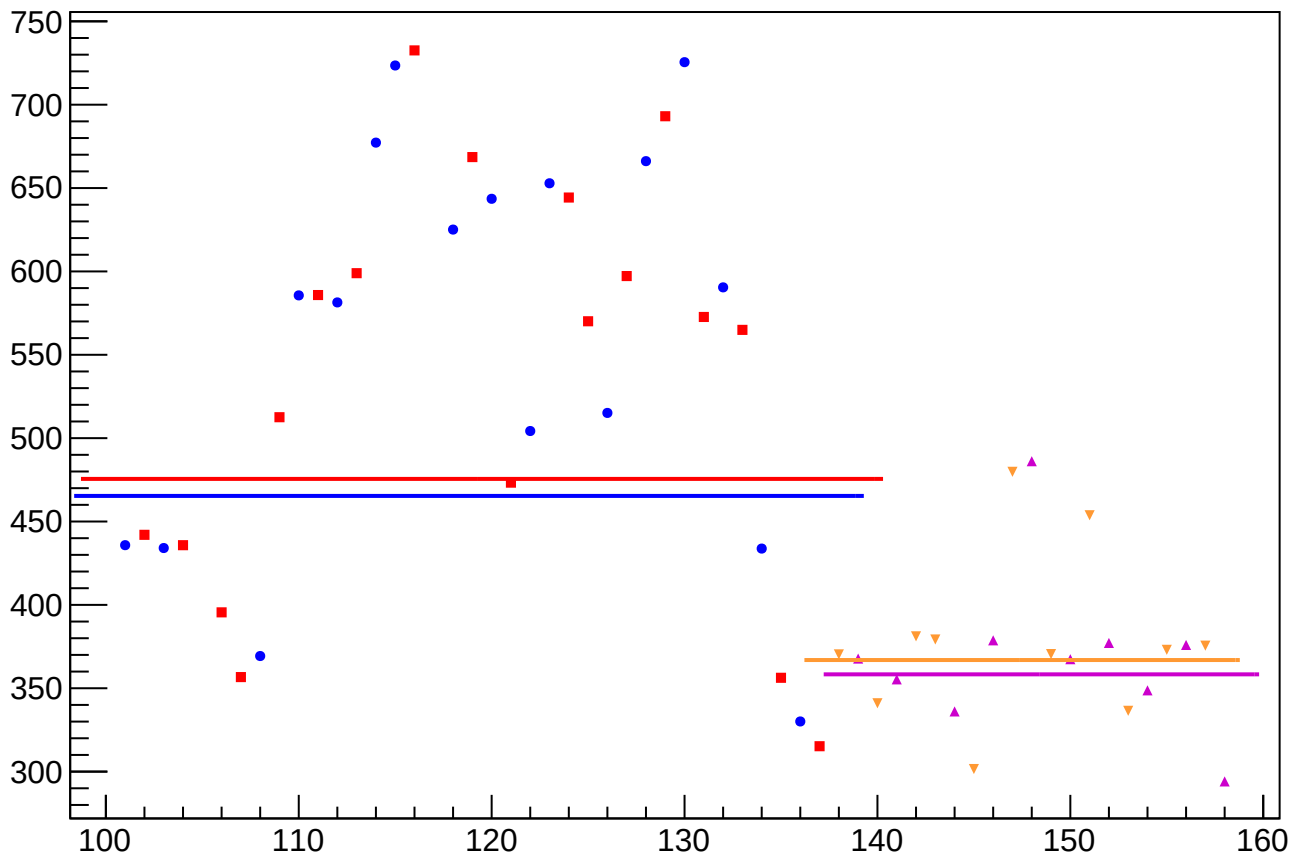
Right: 202.768 $\pm$ 130.944 χ^2 /NDF: 34.9/34

In: 96.832 $\pm$ 104.249 χ^2 /NDF:35.2/26

Out: 51.203 $\pm$ 105.655 χ^2 /NDF:35.8/28

All: 74.323 $\pm$ 74.207 χ^2 /NDF: 71.1/55

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: 366.919 $\pm$ 0.091 χ^2/NDF :241928.6/10

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: 362.525 $\pm$ 0.064 χ^2/NDF : 458398.9/20

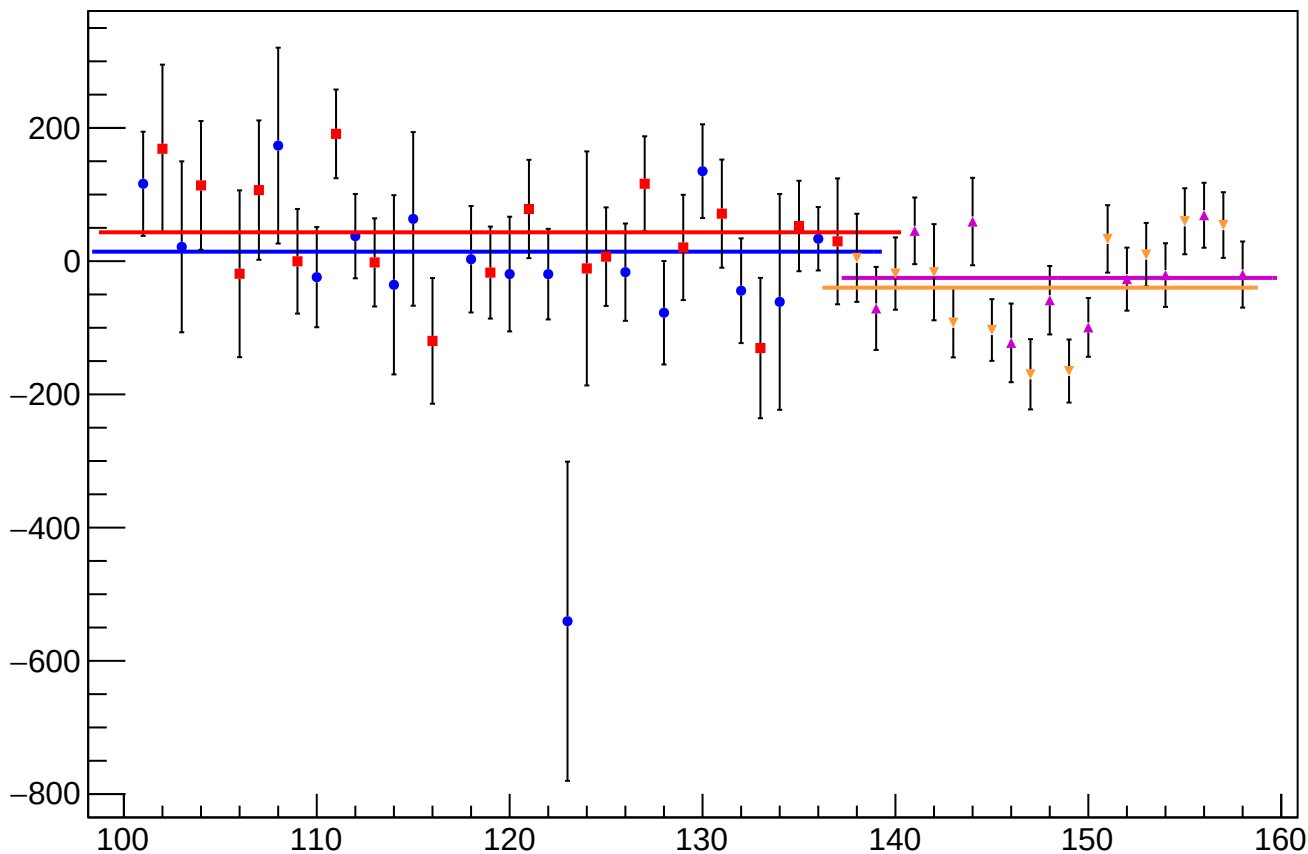
Right: 470.501 $\pm$ 0.093 χ^2/NDF : 1604306.1/34

In: 391.964 $\pm$ 0.074 χ^2/NDF :1526533.7/26

Out: 402.584 $\pm$ 0.075 χ^2/NDF :1449087.4/28

All: 397.203 $\pm$ 0.052 χ^2/NDF : 2985859.8/55

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: -39.797+/-15.714 χ^2/NDF : 27.5/10

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: -32.731+/-11.302 χ^2/NDF : 41.9/20

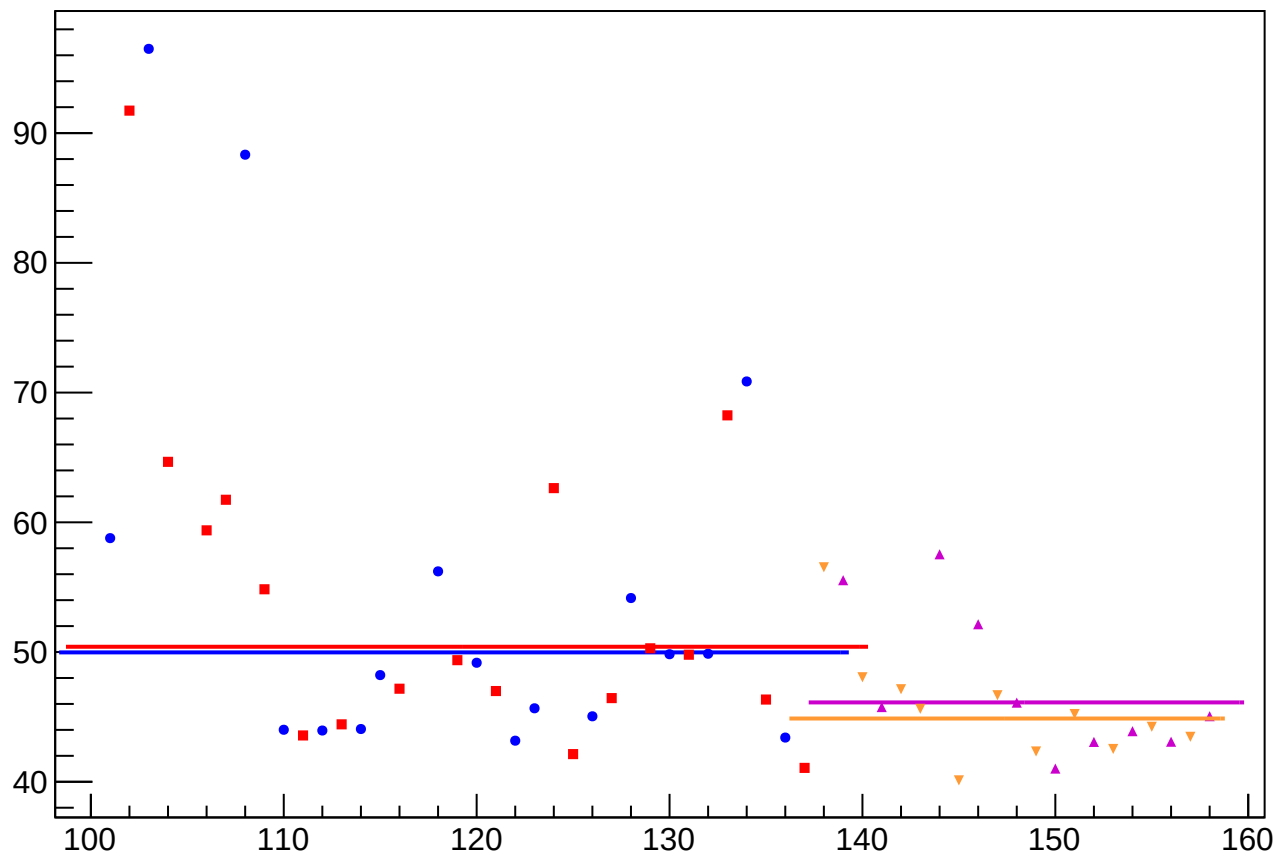
Right: 28.954+/-13.971 χ^2/NDF : 32.0/34

In: -9.338+/-12.587 χ^2/NDF : 31.1/26

Out: -7.370+/-12.272 χ^2/NDF : 54.6/28

All: -8.329+/-8.787 χ^2/NDF : 85.7/55

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: 44.876 $\pm$ 0.011 χ^2/NDF : 107504.6/10

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: 45.475 $\pm$ 0.008 χ^2/NDF : 288544.4/20

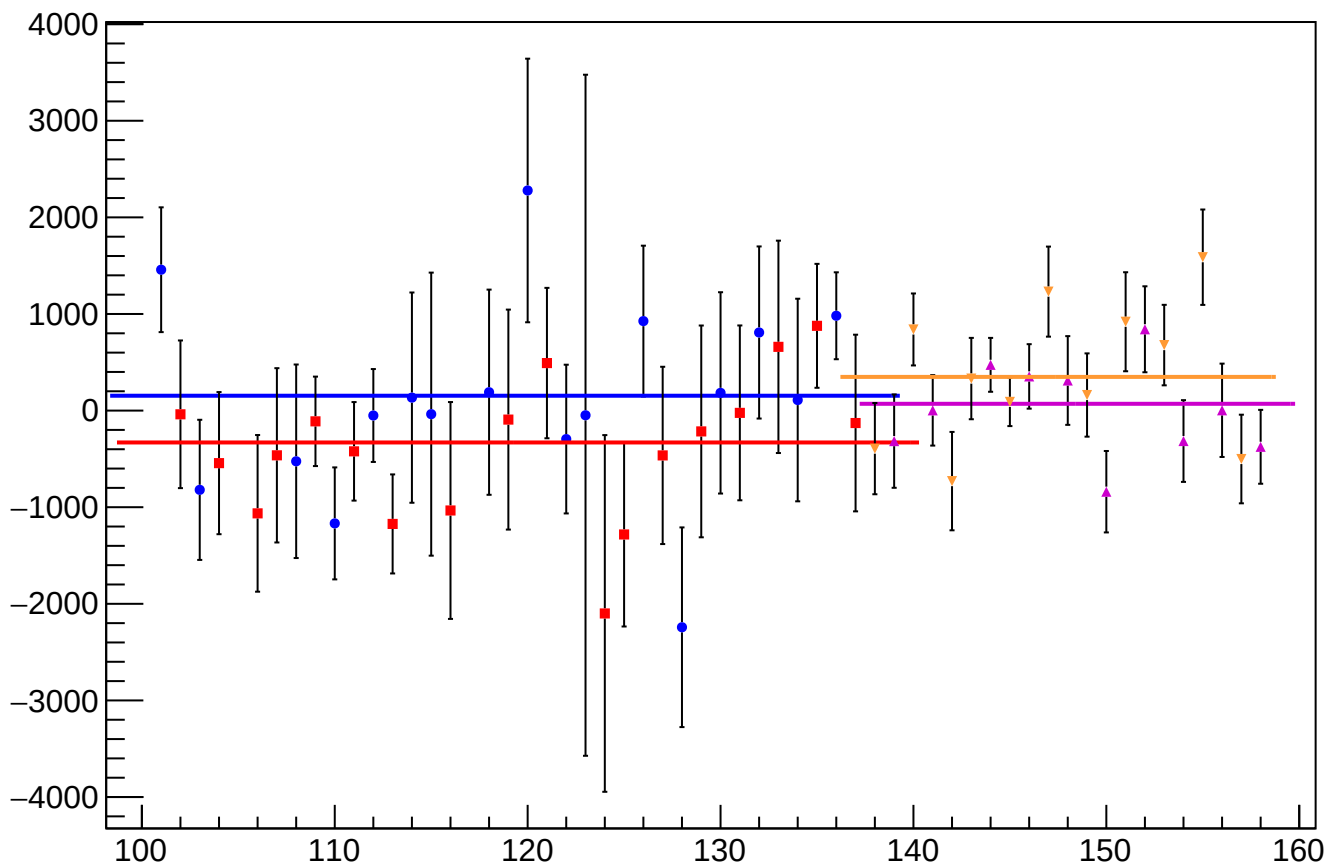
Right: 50.193 $\pm$ 0.010 χ^2/NDF : 1046716.4/34

In: 47.665 $\pm$ 0.009 χ^2/NDF : 798863.5/26

Out: 47.034 $\pm$ 0.009 χ^2/NDF : 671651.4/28

All: 47.342 $\pm$ 0.006 χ^2/NDF : 1473091.2/55

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: 348.744 $\pm$ 123.524 χ^2 /NDF:25.1/10

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: 209.278 $\pm$ 87.266 χ^2 /NDF: 41.3/20

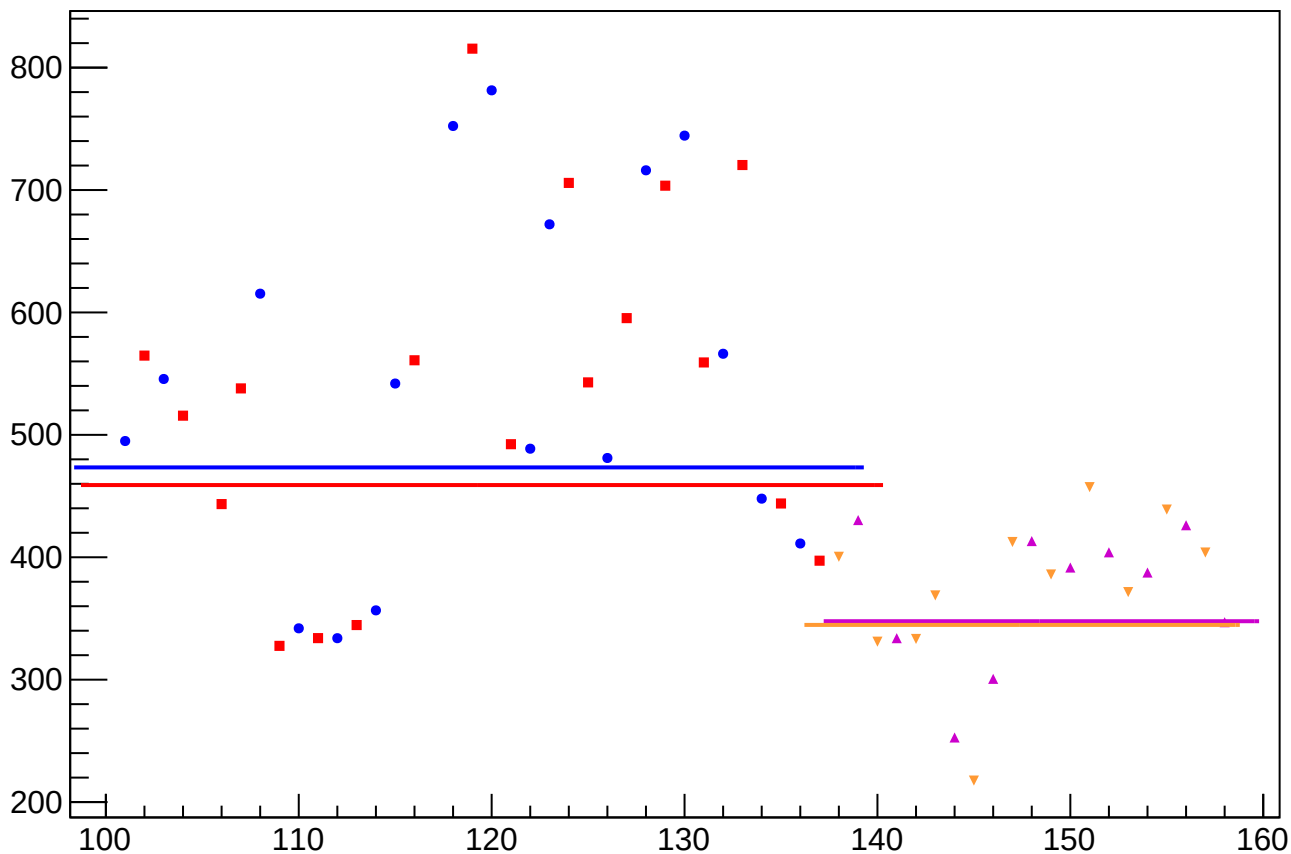
Right: -101.350 $\pm$ 130.581 χ^2 /NDF: 40.3/34

In: 95.073 $\pm$ 103.425 χ^2 /NDF:38.6/26

Out: 131.117 $\pm$ 101.811 χ^2 /NDF:46.9/28

All: 113.378 $\pm$ 72.555 χ^2 /NDF: 85.5/55

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: 344.739+/-0.087 χ^2/NDF : 824949.9/10

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: 346.251+/-0.062 χ^2/NDF : 1323386.0/20

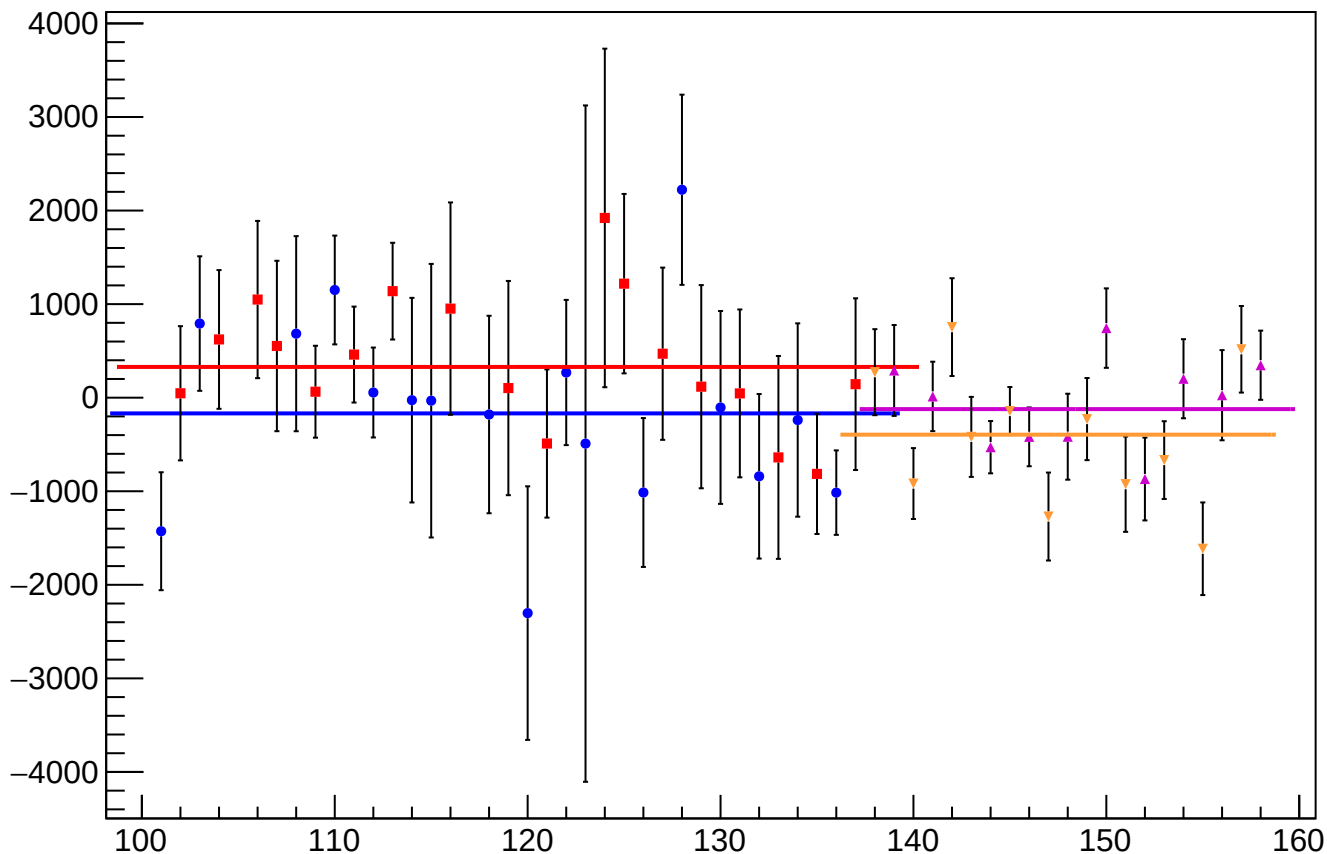
Right: 465.801+/-0.092 χ^2/NDF : 1927262.4/34

In: 385.003+/-0.073 χ^2/NDF : 2028397.8/26

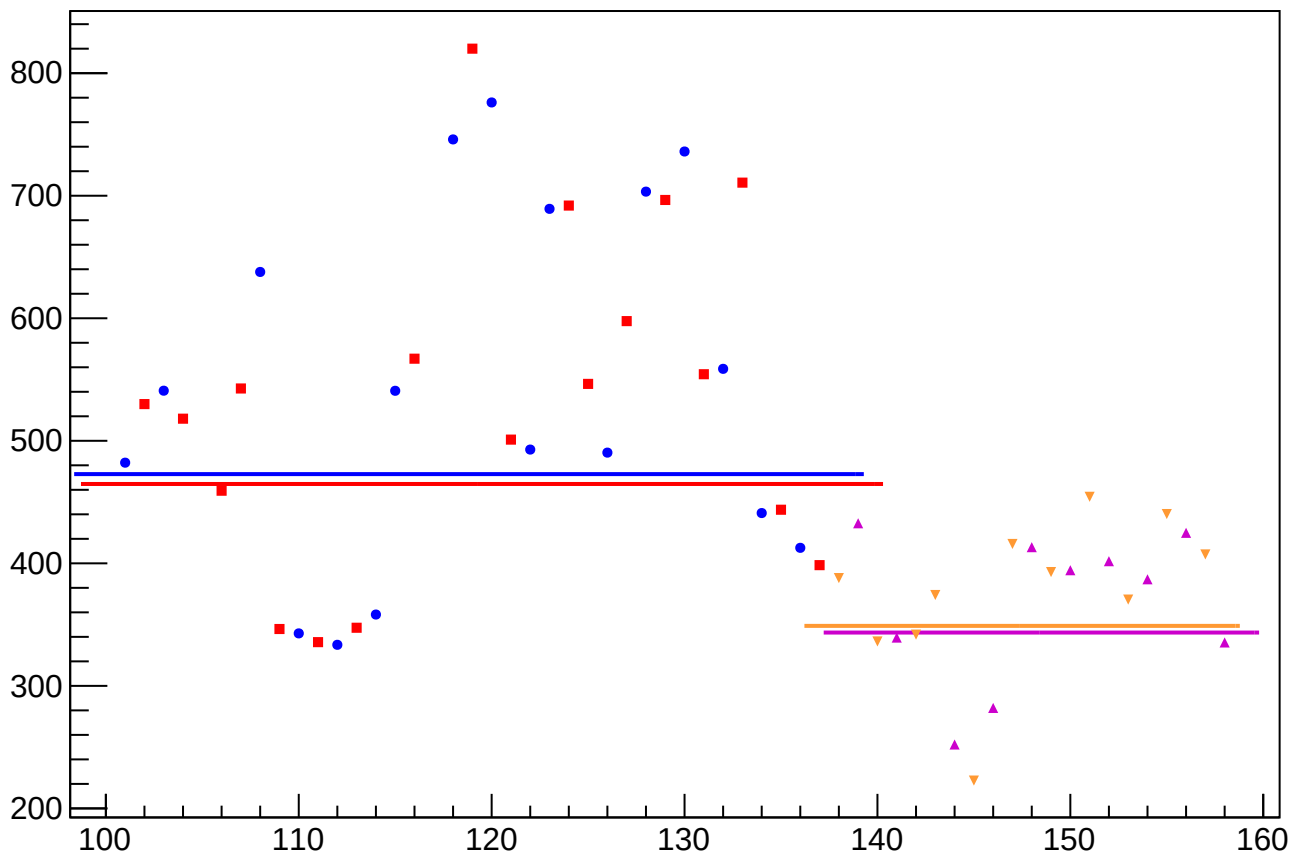
Out: 381.374+/-0.072 χ^2/NDF : 2379825.3/28

All: 383.160+/-0.051 χ^2/NDF : 4409473.5/55

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 472.820 $\pm$ 0.134 χ^2 /NDF: 896373.5/16

Left Out: 348.965 $\pm$ 0.088 χ^2 /NDF: 758193.6/10

Right Out: 464.761 $\pm$ 0.128 χ^2 /NDF: 914781.1/17

Left In: 343.517 $\pm$ 0.086 χ^2 /NDF: 546548.7/9

Left: 346.180 $\pm$ 0.062 χ^2 /NDF: 1306687.8/20

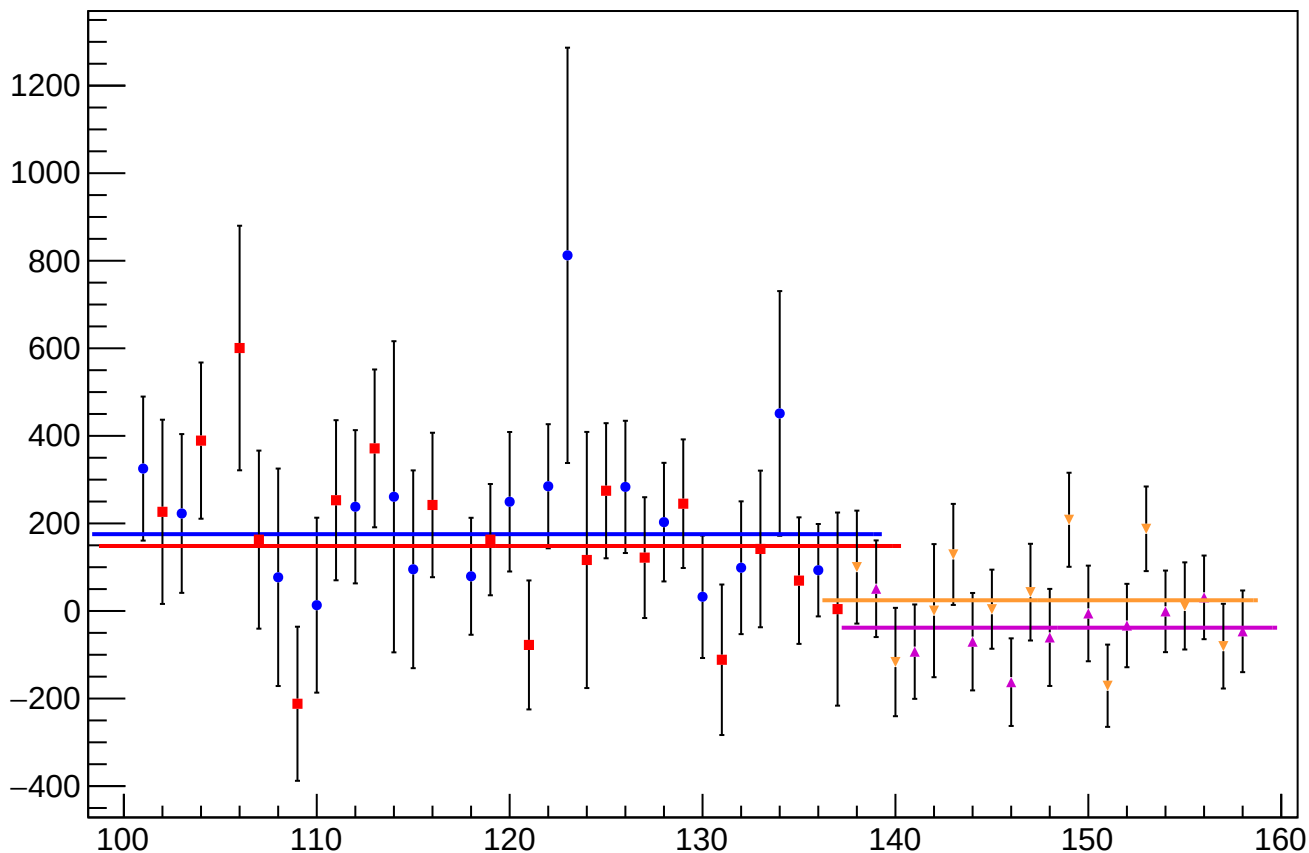
Right: 468.612 $\pm$ 0.093 χ^2 /NDF: 1813037.9/34

In: 381.394 $\pm$ 0.073 χ^2 /NDF: 2099532.0/26

Out: 386.163 $\pm$ 0.073 χ^2 /NDF: 2225169.2/28

All: 383.774 $\pm$ 0.051 χ^2 /NDF: 4326853.6/55

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 175.468 ± 40.358 $\chi^2/\text{NDF}: 8.6/16$

Left Out: 24.475 ± 32.225 $\chi^2/\text{NDF}: 13.9/10$

Right Out: 148.445 ± 40.332 $\chi^2/\text{NDF}: 17.5/17$

Left In: -38.188 ± 32.211 $\chi^2/\text{NDF}: 3.4/9$

Left: -6.870 ± 22.782 $\chi^2/\text{NDF}: 19.1/20$

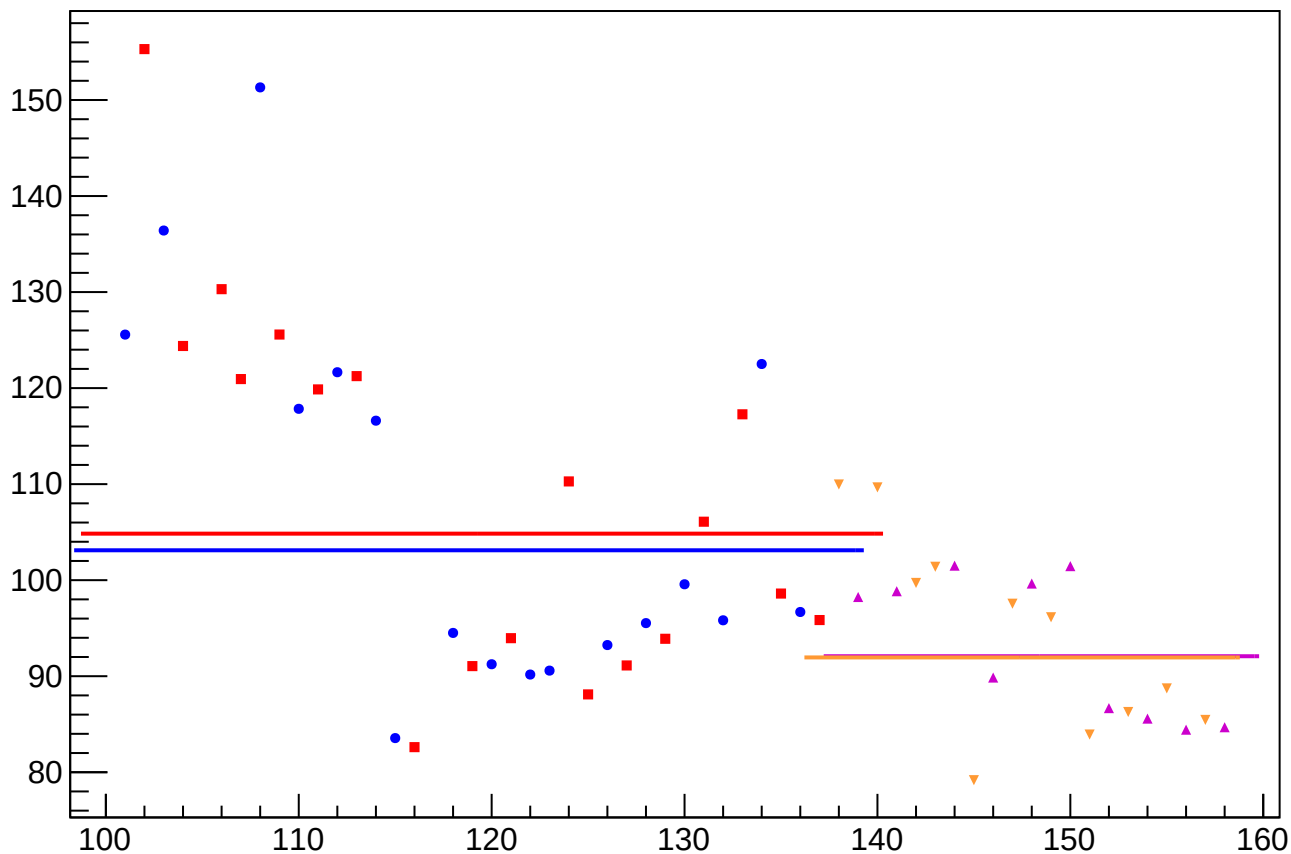
Right: 161.947 ± 28.528 $\chi^2/\text{NDF}: 26.3/34$

In: 44.951 ± 25.176 $\chi^2/\text{NDF}: 29.1/26$

Out: 72.780 ± 25.176 $\chi^2/\text{NDF}: 37.1/28$

All: 58.865 ± 17.802 $\chi^2/\text{NDF}: 66.8/55$

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: 91.954 $\pm$ 0.023 χ^2 /NDF:179375.2/10

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: 92.017 $\pm$ 0.016 χ^2 /NDF: 274486.7/20

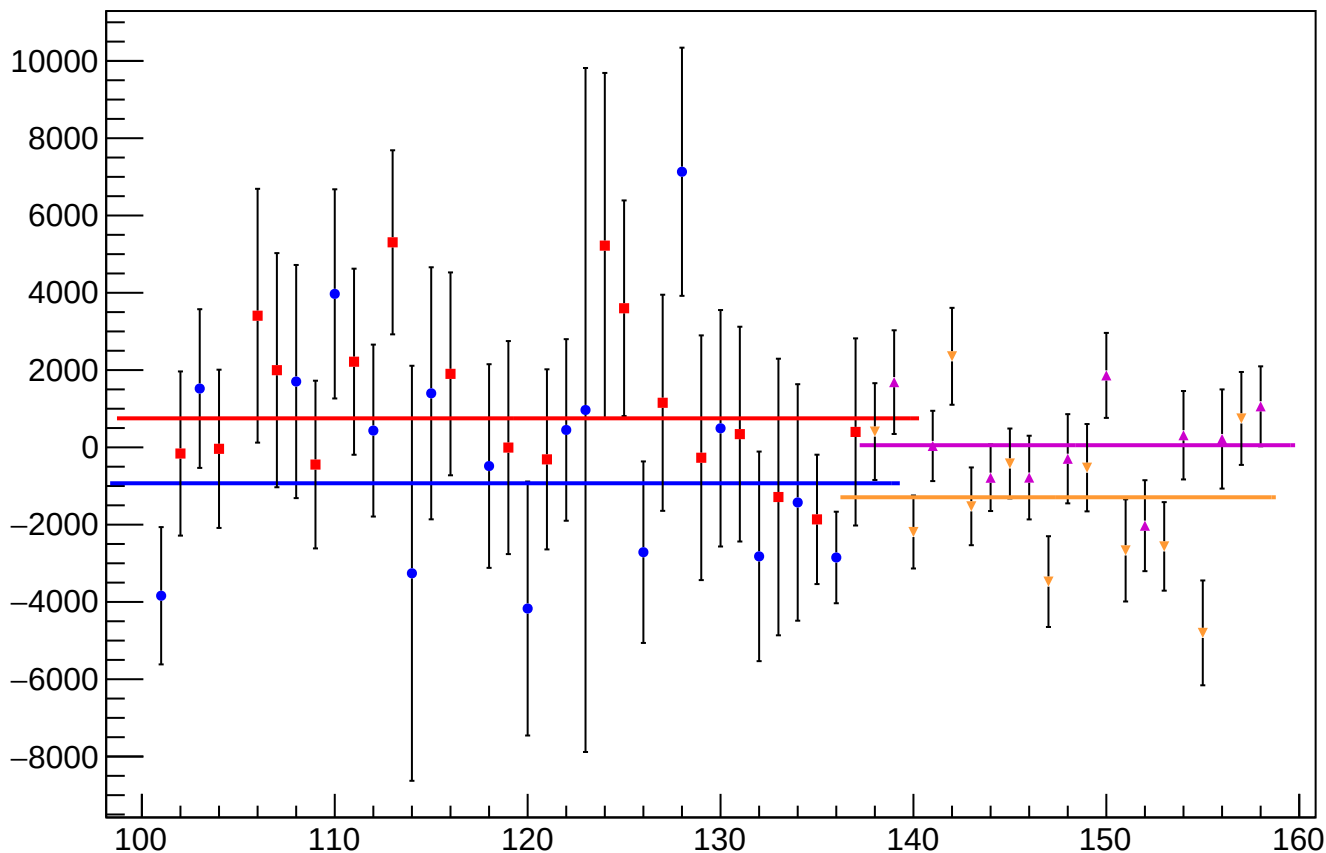
Right: 103.979 $\pm$ 0.020 χ^2 /NDF: 676958.3/34

In: 96.373 $\pm$ 0.018 χ^2 /NDF:492834.8/26

Out: 96.977 $\pm$ 0.018 χ^2 /NDF:672735.3/28

All: 96.675 $\pm$ 0.013 χ^2 /NDF: 1166145.7/55

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: -1291.321 $\pm$ 339.358 χ^2 /NDF:28.0/10

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: -622.242 $\pm$ 240.756 χ^2 /NDF: 45.8/20

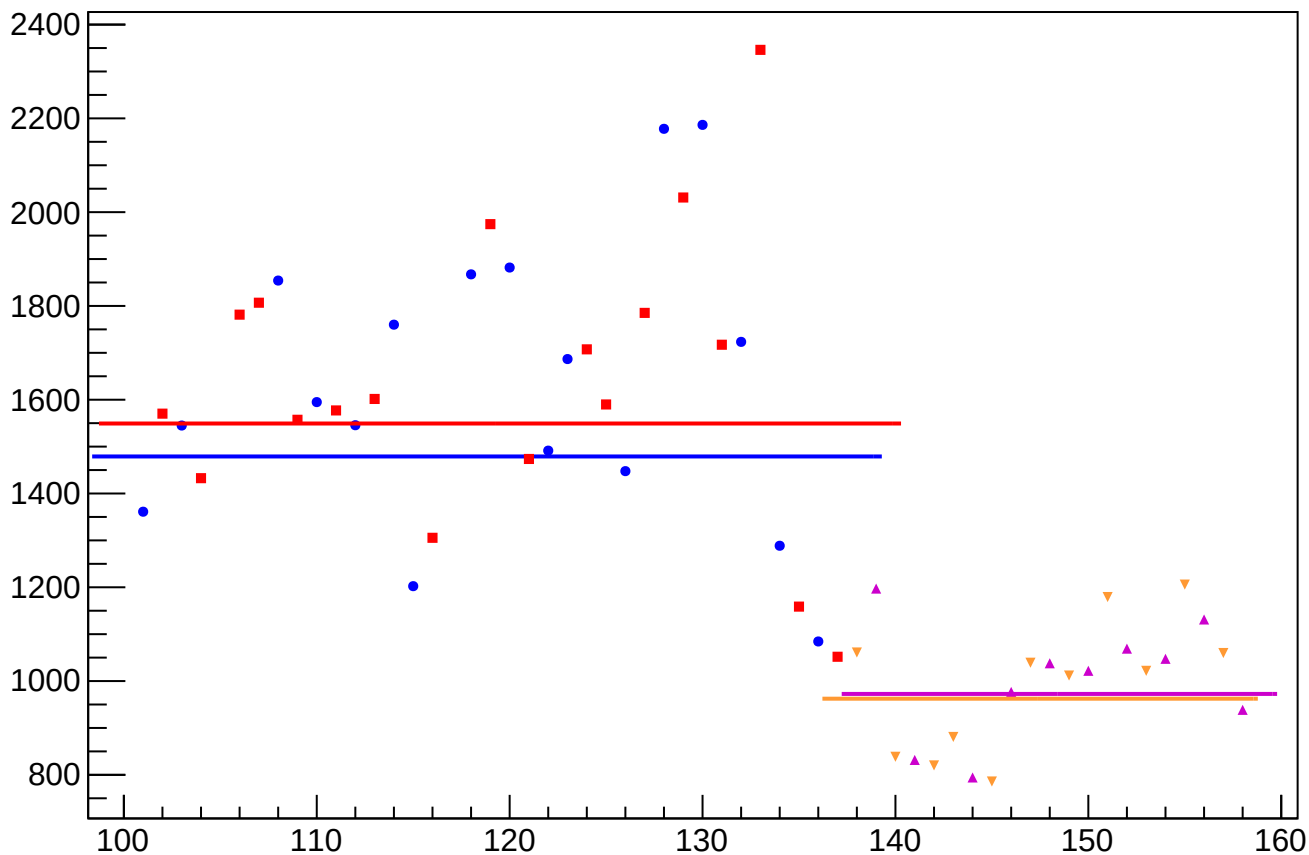
Right: -100.195 $\pm$ 417.846 χ^2 /NDF: 35.8/34

In: -193.387 $\pm$ 295.250 χ^2 /NDF:32.9/26

Out: -789.911 $\pm$ 294.777 χ^2 /NDF:47.8/28

All: -492.127 $\pm$ 208.606 χ^2 /NDF: 82.8/55

asym_sam_24_68_dd_correction_rms vs Slug, Sign Corrected



Right In: 1478.991 $\pm$ 0.415 χ^2/NDF : 589620.8/16

Left Out: 962.404 $\pm$ 0.240 χ^2/NDF : 310997.9/10

Right Out: 1549.266 $\pm$ 0.421 χ^2/NDF : 462557.8/17

Left In: 972.577 $\pm$ 0.242 χ^2/NDF : 254725.0/9

Left: 967.457 $\pm$ 0.170 χ^2/NDF : 566615.5/20

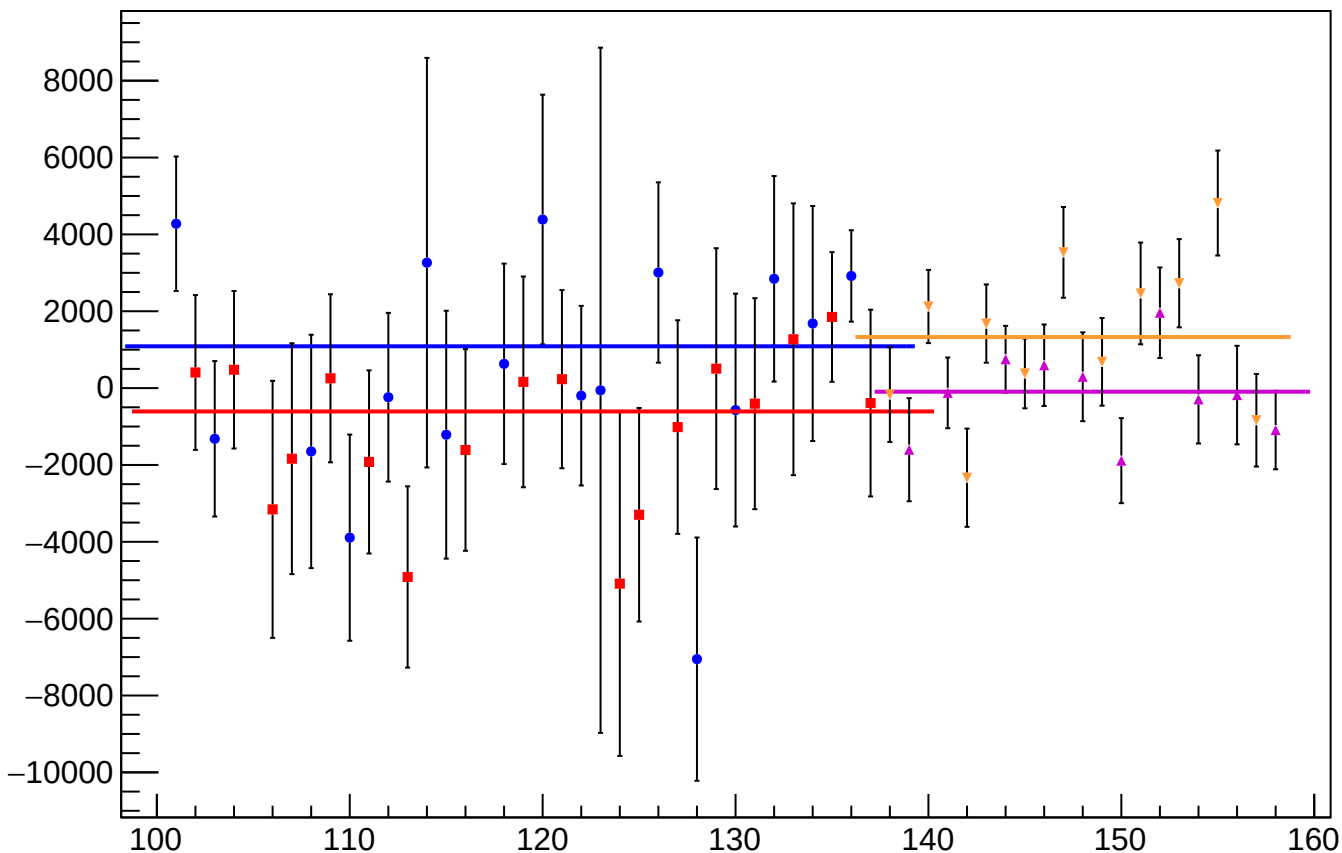
Right: 1513.653 $\pm$ 0.295 χ^2/NDF : 1066318.9/34

In: 1100.708 $\pm$ 0.209 χ^2/NDF : 1956395.3/26

Out: 1106.466 $\pm$ 0.208 χ^2/NDF : 2241798.2/28

All: 1103.592 $\pm$ 0.148 χ^2/NDF : 4198574.4/55

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1087.987 $\pm$ 583.326 χ^2 /NDF: 21.8/16

Left Out: 1329.383 $\pm$ 341.134 χ^2 /NDF: 27.3/10

Right Out: -607.930 $\pm$ 591.550 χ^2 /NDF: 9.9/17

Left In: -93.843 $\pm$ 341.756 χ^2 /NDF: 9.4/9

Left: 619.067 $\pm$ 241.438 χ^2 /NDF: 45.4/20

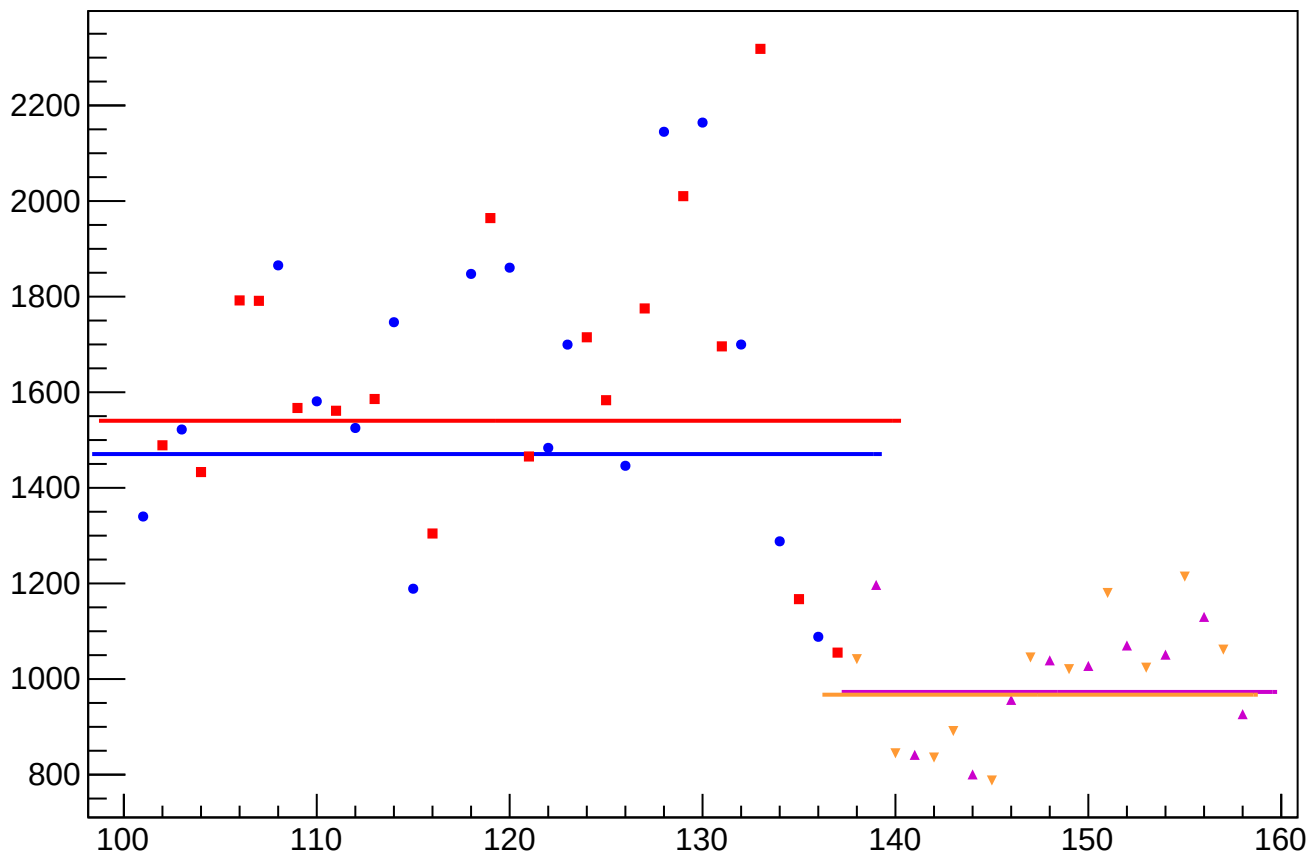
Right: 251.899 $\pm$ 415.351 χ^2 /NDF: 35.9/34

In: 208.158 $\pm$ 294.875 χ^2 /NDF: 34.3/26

Out: 845.901 $\pm$ 295.517 χ^2 /NDF: 45.3/28

All: 526.336 $\pm$ 208.735 χ^2 /NDF: 82.0/55

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: 967.281 $\pm$ 0.241 χ^2 /NDF: 298303.6/10

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: 970.153 $\pm$ 0.171 χ^2 /NDF: 542889.5/20

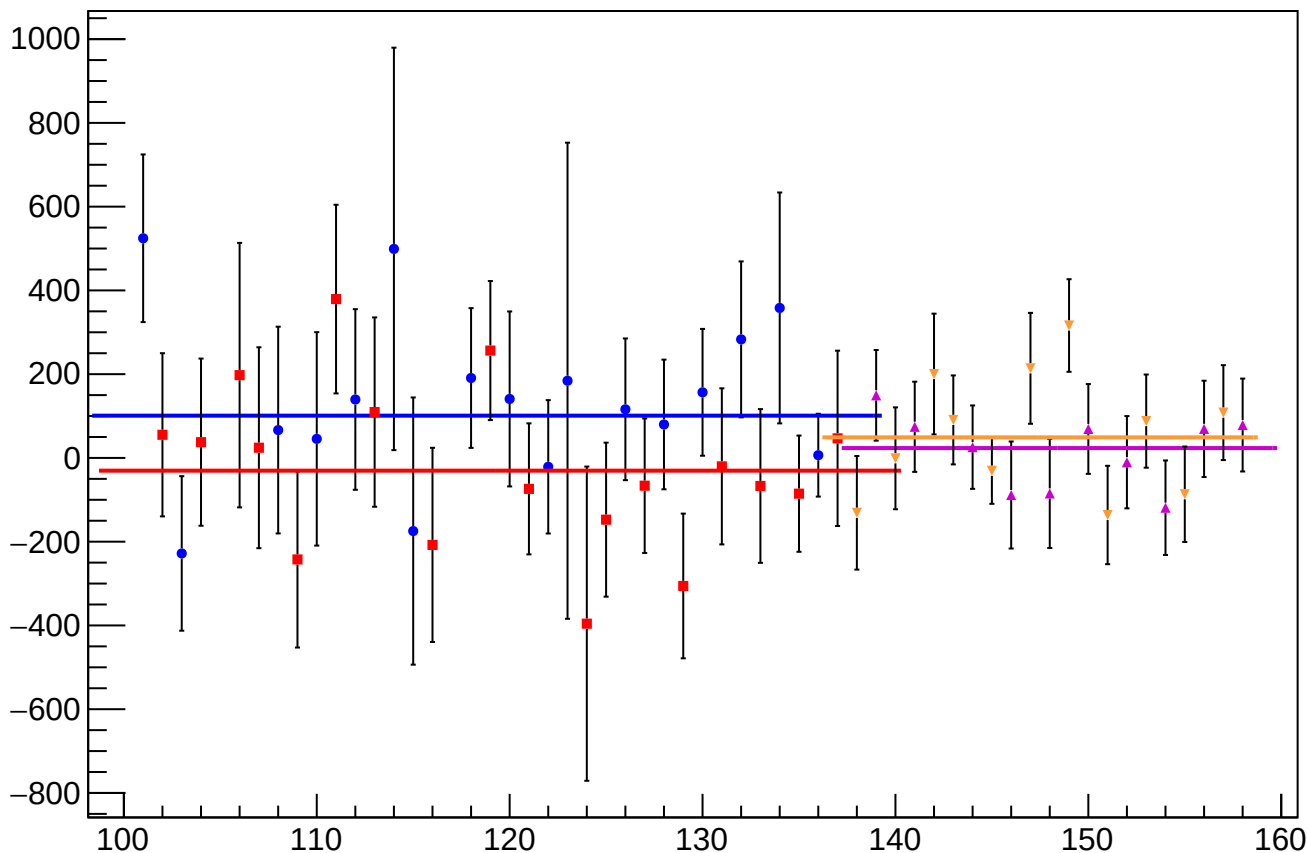
Right: 1505.024 $\pm$ 0.294 χ^2 /NDF: 1024593.2/34

In: 1100.202 $\pm$ 0.209 χ^2 /NDF: 1895693.5/26

Out: 1110.296 $\pm$ 0.209 χ^2 /NDF: 2149620.6/28

All: 1105.238 $\pm$ 0.148 χ^2 /NDF: 4046483.3/55

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 100.918 ± 45.284 $\chi^2/\text{NDF}: 13.0/16$

Left Out: 49.172 ± 33.979 $\chi^2/\text{NDF}: 15.9/10$

Right Out: -30.411 ± 45.710 $\chi^2/\text{NDF}: 13.5/17$

Left In: 23.571 ± 35.409 $\chi^2/\text{NDF}: 5.3/9$

Left: 36.899 ± 24.517 $\chi^2/\text{NDF}: 21.5/20$

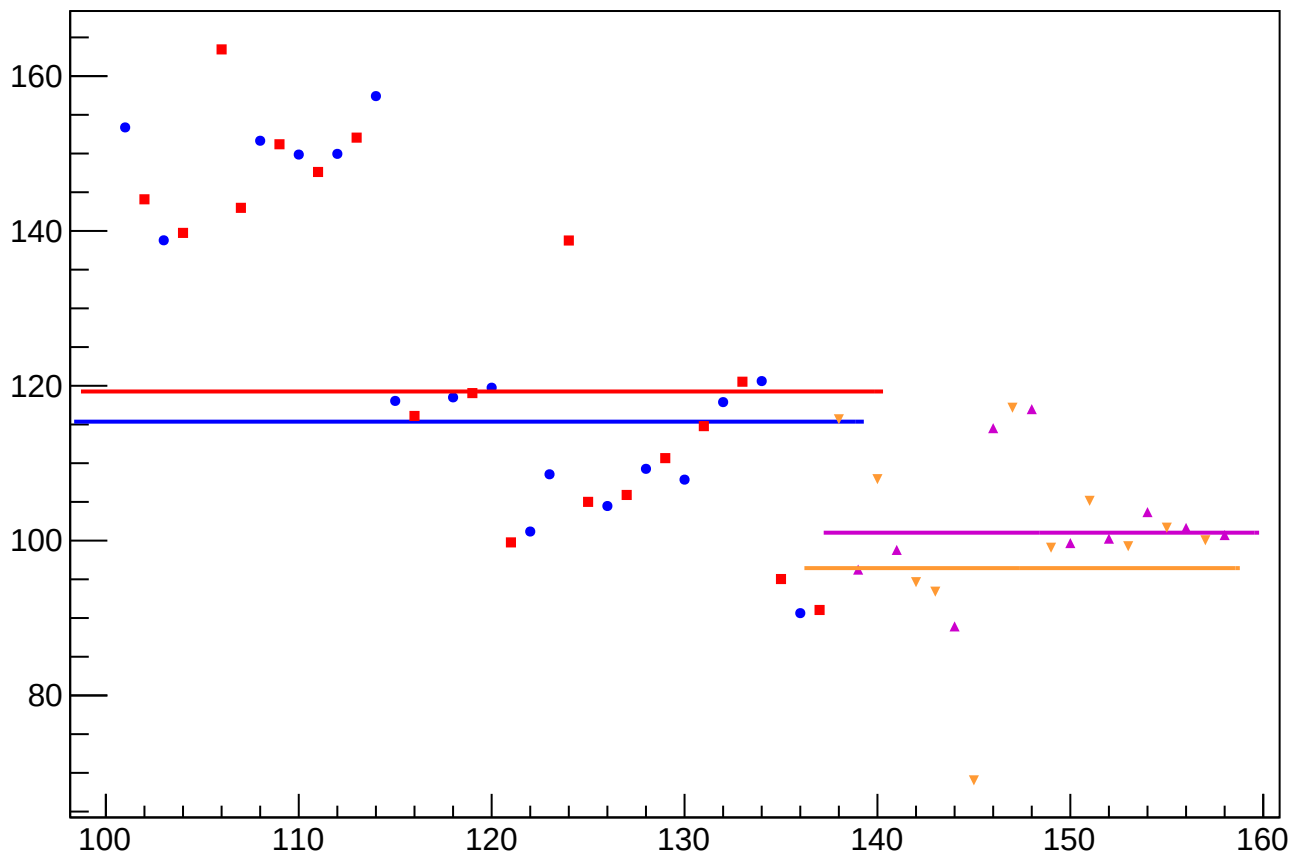
Right: 35.869 ± 32.170 $\chi^2/\text{NDF}: 30.7/34$

In: 52.919 ± 27.894 $\chi^2/\text{NDF}: 20.1/26$

Out: 20.847 ± 27.270 $\chi^2/\text{NDF}: 31.4/28$

All: 36.520 ± 19.499 $\chi^2/\text{NDF}: 52.2/55$

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: 96.447 $\pm$ 0.024 χ^2 /NDF:369917.3/10

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: 98.641 $\pm$ 0.017 χ^2 /NDF: 475595.5/20

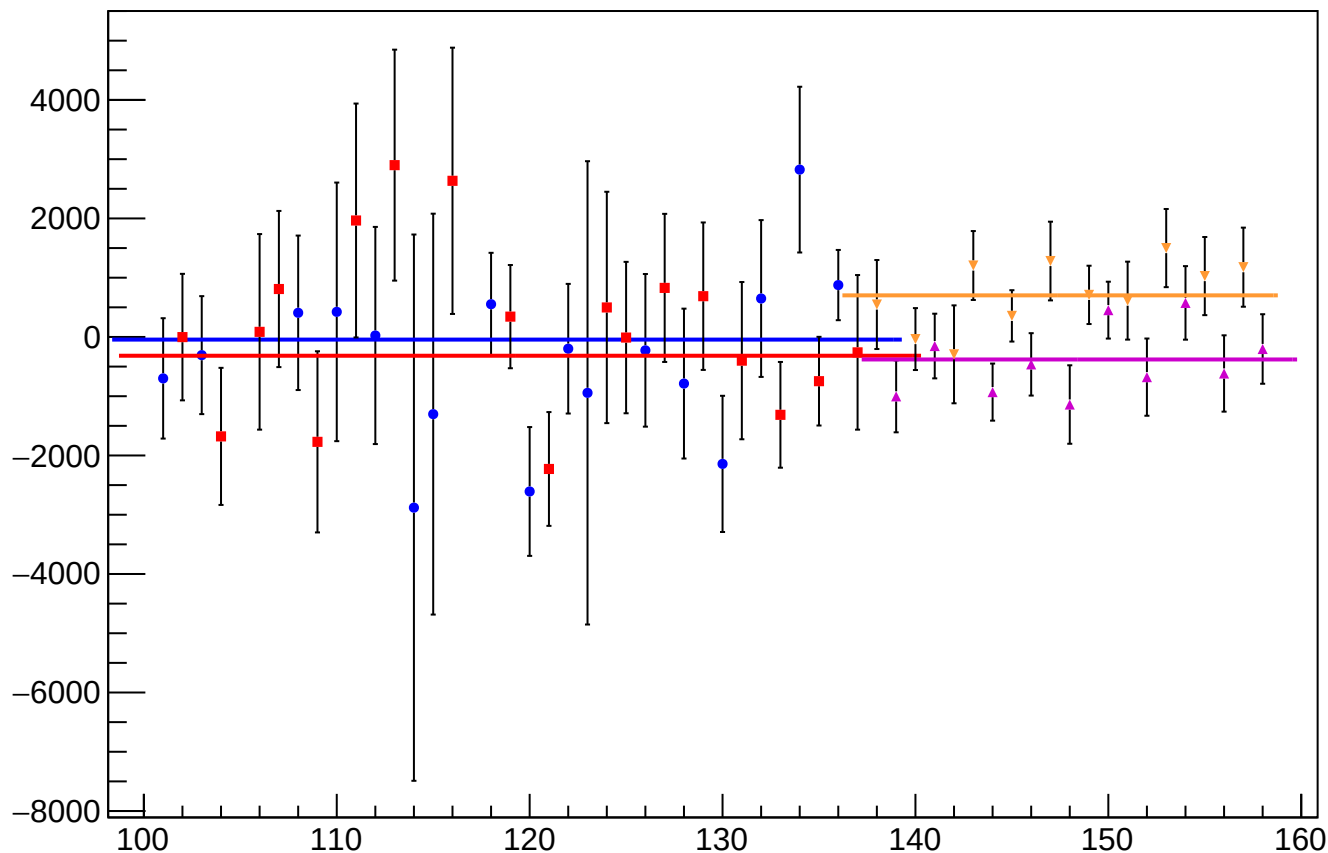
Right: 117.296 $\pm$ 0.023 χ^2 /NDF: 817014.4/34

In: 106.466 $\pm$ 0.020 χ^2 /NDF:624159.5/26

Out: 104.567 $\pm$ 0.019 χ^2 /NDF:1089173.0/28

All: 105.495 $\pm$ 0.014 χ^2 /NDF: 1718068.8/55

asym_sam_26_48_dd_correction_mean vs Slug, Sign Corrected



Right In: -44.553 ± 286.284 χ^2/NDF : 17.9/16

Left Out: 702.026 ± 180.371 χ^2/NDF : 7.9/10

Right Out: -316.976 ± 283.113 χ^2/NDF : 16.8/17

Left In: -379.945 ± 179.945 χ^2/NDF : 9.7/9

Left: 159.761 ± 127.391 χ^2/NDF : 35.6/20

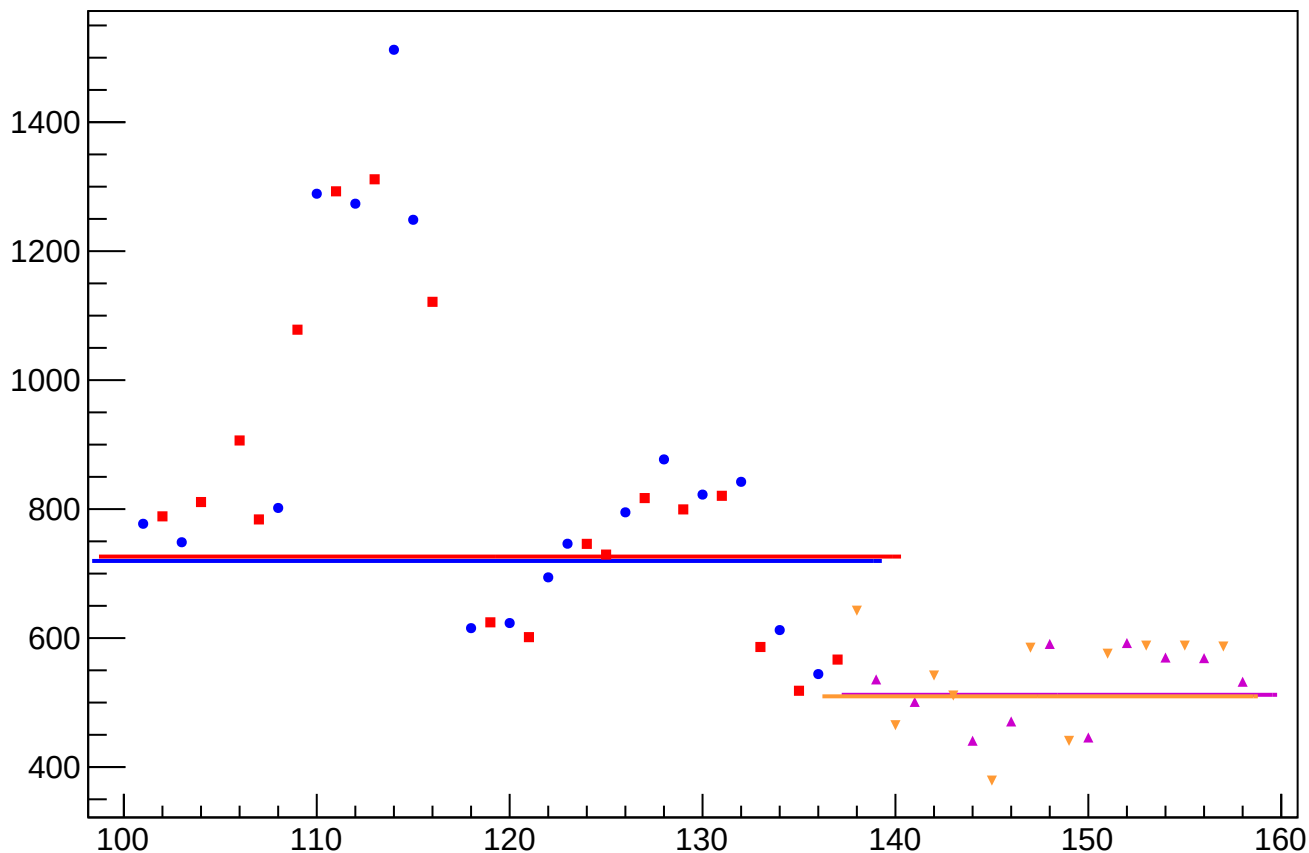
Right: -182.282 ± 201.303 χ^2/NDF : 35.1/34

In: -284.964 ± 152.349 χ^2/NDF : 28.5/26

Out: 407.830 ± 152.121 χ^2/NDF : 33.9/28

All: 61.951 ± 107.646 χ^2/NDF : 72.8/55

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: 509.665 $\pm$ 0.128 χ^2 /NDF: 431216.9/10

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: 510.856 $\pm$ 0.090 χ^2 /NDF: 623477.3/20

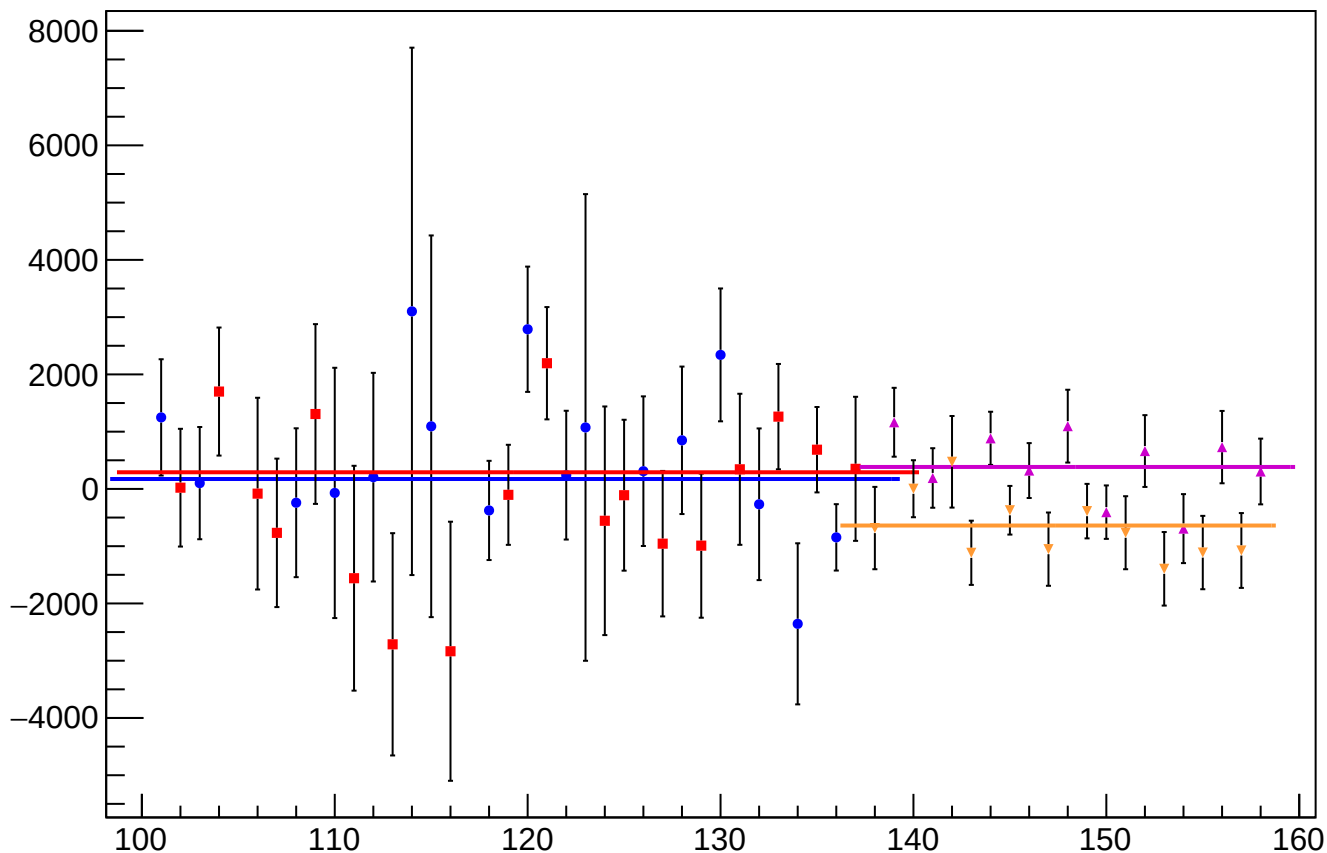
Right: 723.039 $\pm$ 0.142 χ^2 /NDF: 1628507.7/34

In: 570.823 $\pm$ 0.108 χ^2 /NDF: 1692634.6/26

Out: 572.237 $\pm$ 0.108 χ^2 /NDF: 2145897.1/28

All: 571.531 $\pm$ 0.076 χ^2 /NDF: 3838618.0/55

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: -639.213 $\pm$ 174.672 χ^2 /NDF:7.8/10

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: -123.239 $\pm$ 122.960 χ^2 /NDF: 36.0/20

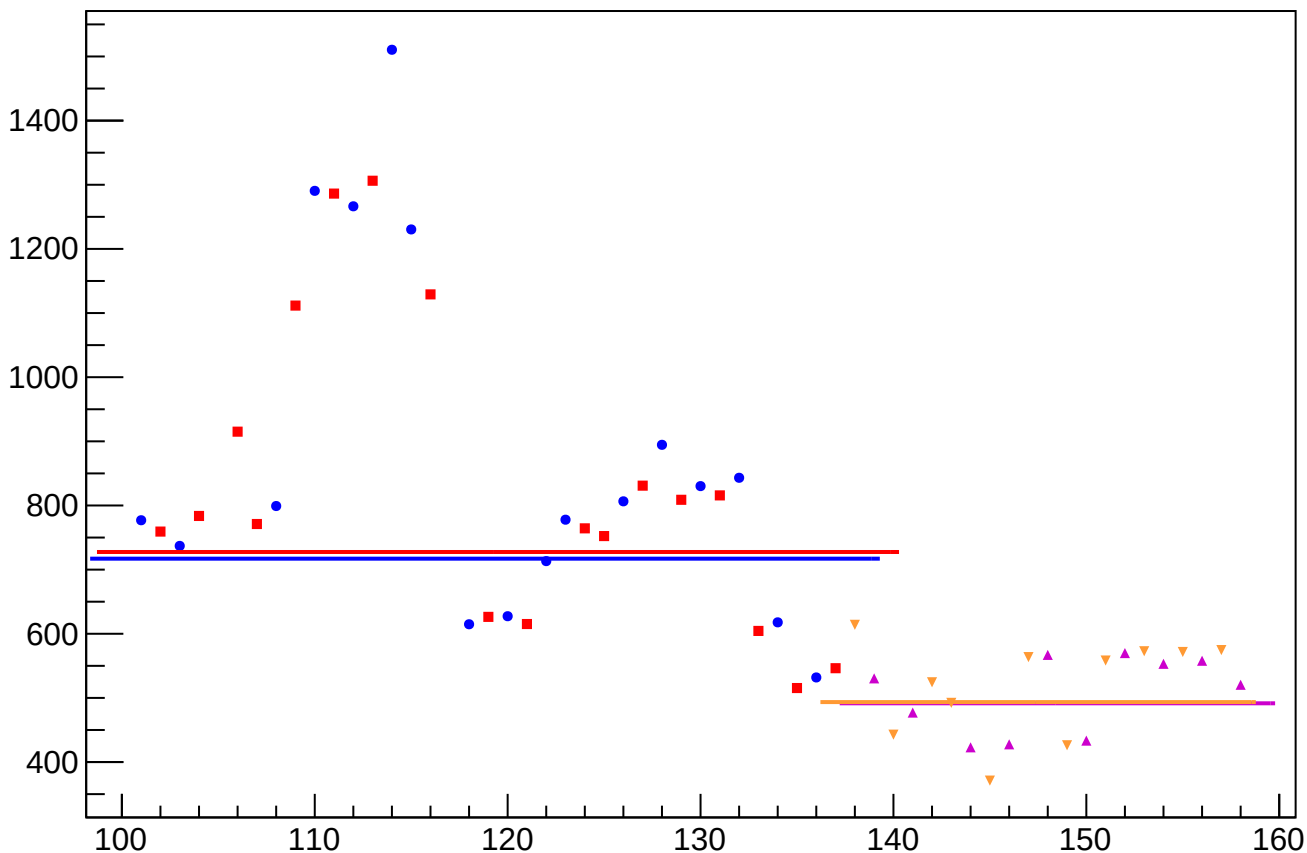
Right: 232.430 $\pm$ 201.245 χ^2 /NDF: 33.8/34

In: 327.095 $\pm$ 148.056 χ^2 /NDF:29.3/26

Out: -383.372 $\pm$ 148.718 χ^2 /NDF:31.3/28

All: -26.555 $\pm$ 104.925 χ^2 /NDF: 72.1/55

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: 493.501 $\pm$ 0.124 χ^2 /NDF: 421685.6/10

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: 492.539 $\pm$ 0.087 χ^2 /NDF: 649523.9/20

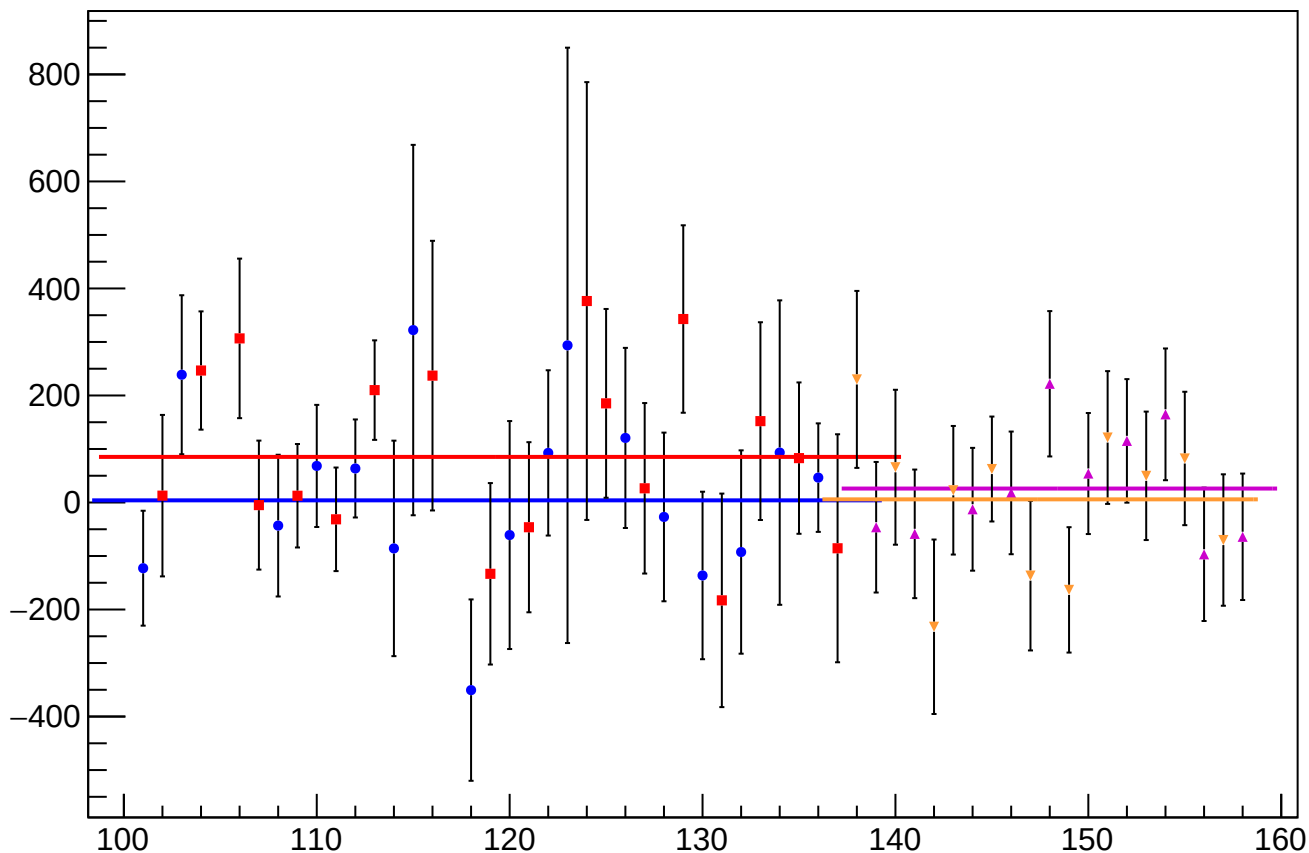
Right: 722.325 $\pm$ 0.142 χ^2 /NDF: 1664822.9/34

In: 552.162 $\pm$ 0.105 χ^2 /NDF: 1921534.0/26

Out: 557.870 $\pm$ 0.105 χ^2 /NDF: 2290037.6/28

All: 555.003 $\pm$ 0.074 χ^2 /NDF: 4213051.2/55

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 4.011+/-35.950 χ^2/NDF : 12.7/16

Left Out: 5.881+/-38.229 χ^2/NDF : 9.4/10

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: 16.070+/-26.898 χ^2/NDF : 16.0/20

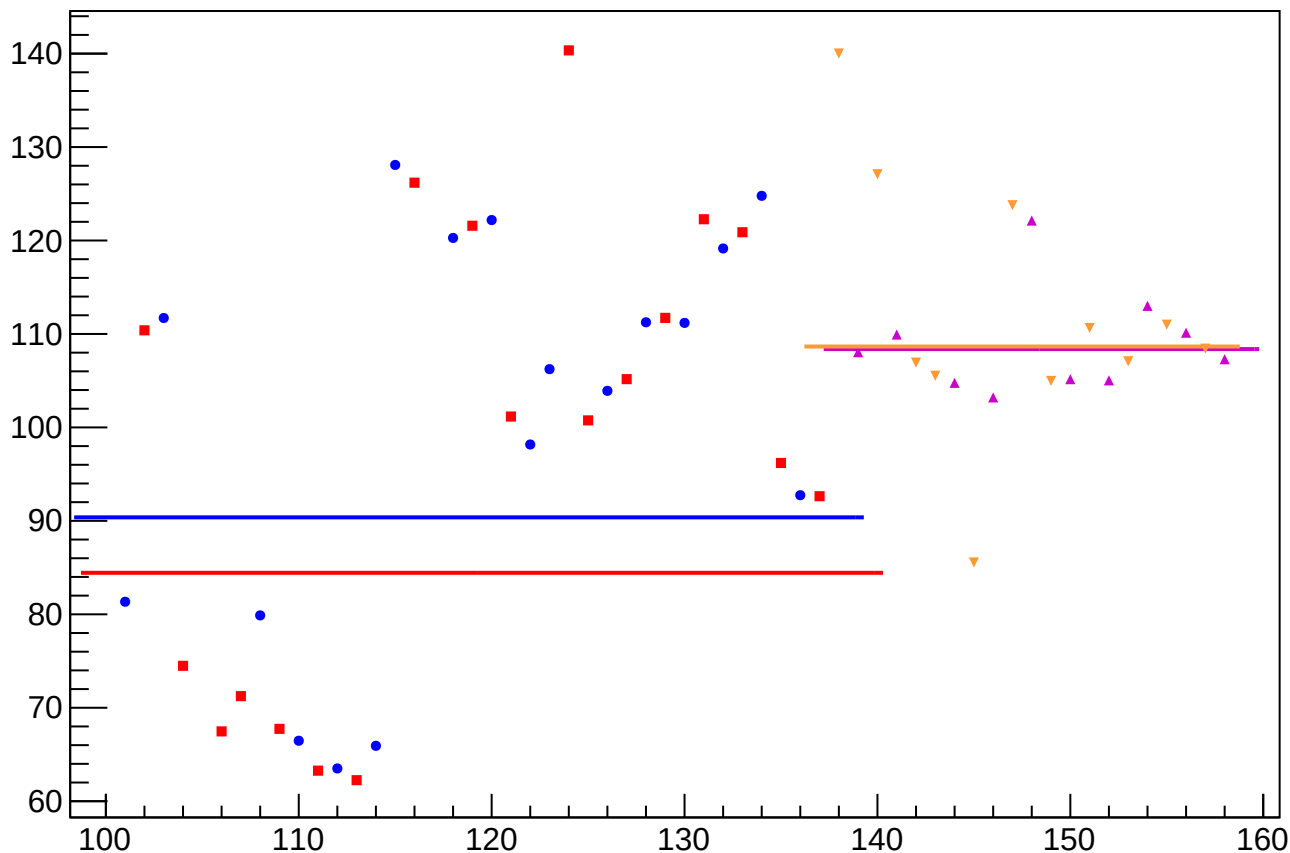
Right: 47.574+/-24.474 χ^2/NDF : 32.8/34

In: 14.467+/-26.067 χ^2/NDF : 19.4/26

Out: 50.852+/-25.158 χ^2/NDF : 29.2/28

All: 33.305+/-18.102 χ^2/NDF : 49.6/55

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 90.375 $\pm$ 0.025 χ^2 /NDF: 654139.7/16

Left Out: 108.657 $\pm$ 0.027 χ^2 /NDF: 243934.1/10

Right Out: 84.442 $\pm$ 0.024 χ^2 /NDF: 870835.6/17

Left In: 108.383 $\pm$ 0.027 χ^2 /NDF: 33598.4/9

Left: 108.518 $\pm$ 0.019 χ^2 /NDF: 277584.6/20

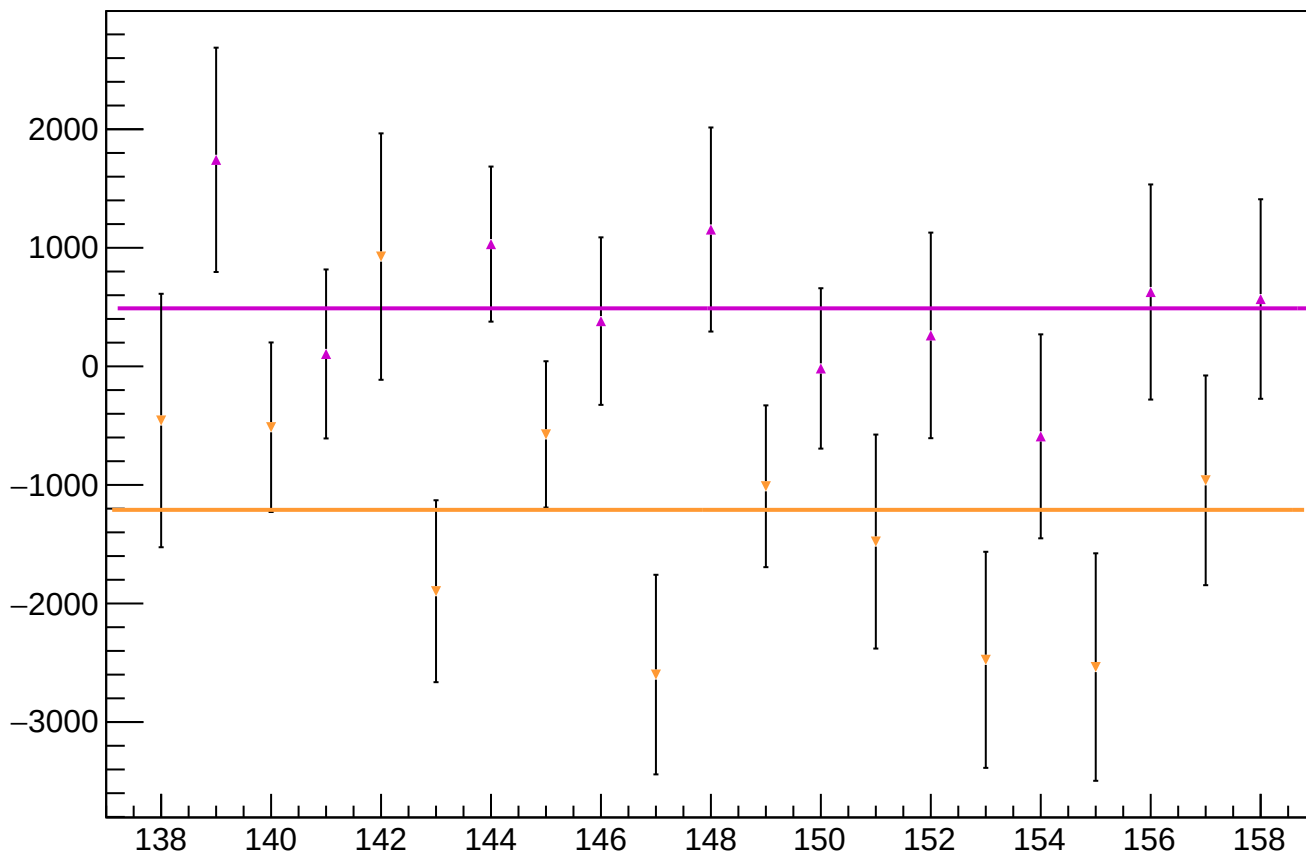
Right: 87.192 $\pm$ 0.017 χ^2 /NDF: 1554203.3/34

In: 98.915 $\pm$ 0.018 χ^2 /NDF: 925717.4/26

Out: 94.929 $\pm$ 0.018 χ^2 /NDF: 1569688.9/28

All: 96.851 $\pm$ 0.013 χ^2 /NDF: 2519622.1/55

asym_sam_1548_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

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: -364.803+/-174.840 χ^2/NDF : 43.6/20

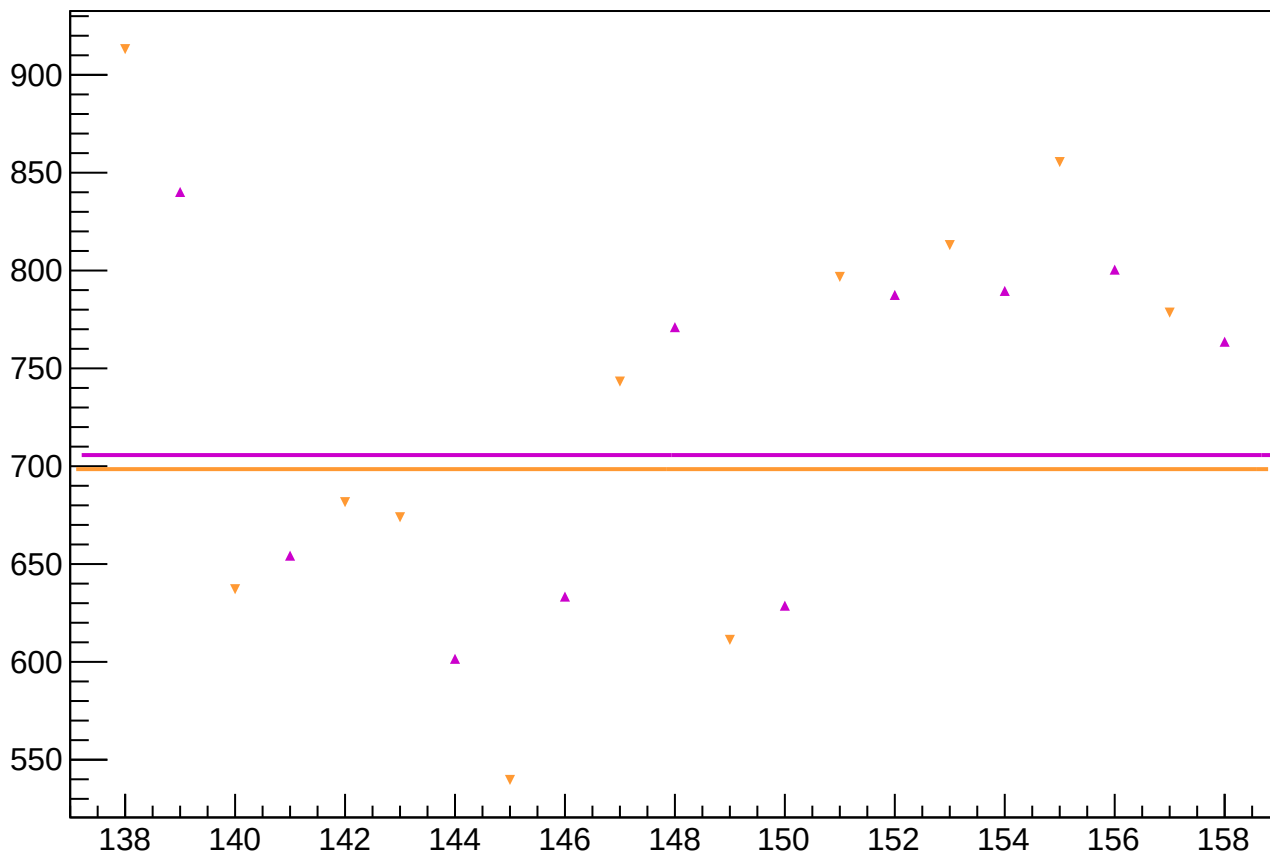
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 489.353+/-247.899 χ^2/NDF :5.6/9

Out: -1210.225+/-246.629 χ^2/NDF :14.4/10

All: -364.803+/-174.840 χ^2/NDF : 43.6/20

asym_sam_1548_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

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: 702.082+/-0.124 χ^2/NDF : 622934.9/20

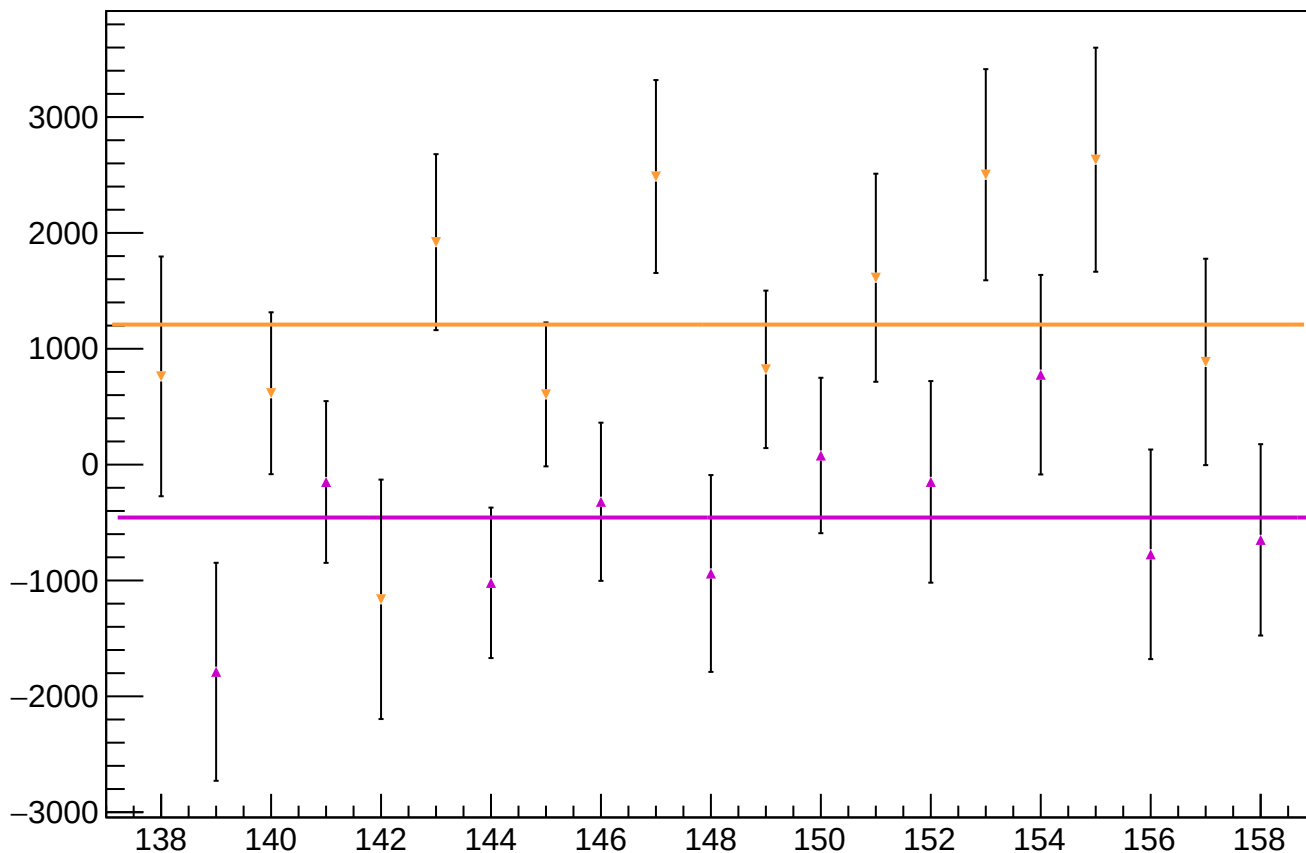
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 705.694+/-0.175 χ^2/NDF :228051.5/9

Out: 698.507+/-0.174 χ^2/NDF :394038.7/10

All: 702.082+/-0.124 χ^2/NDF : 622934.9/20

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

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: 375.187+/-173.312 χ^2/NDF : 44.6/20

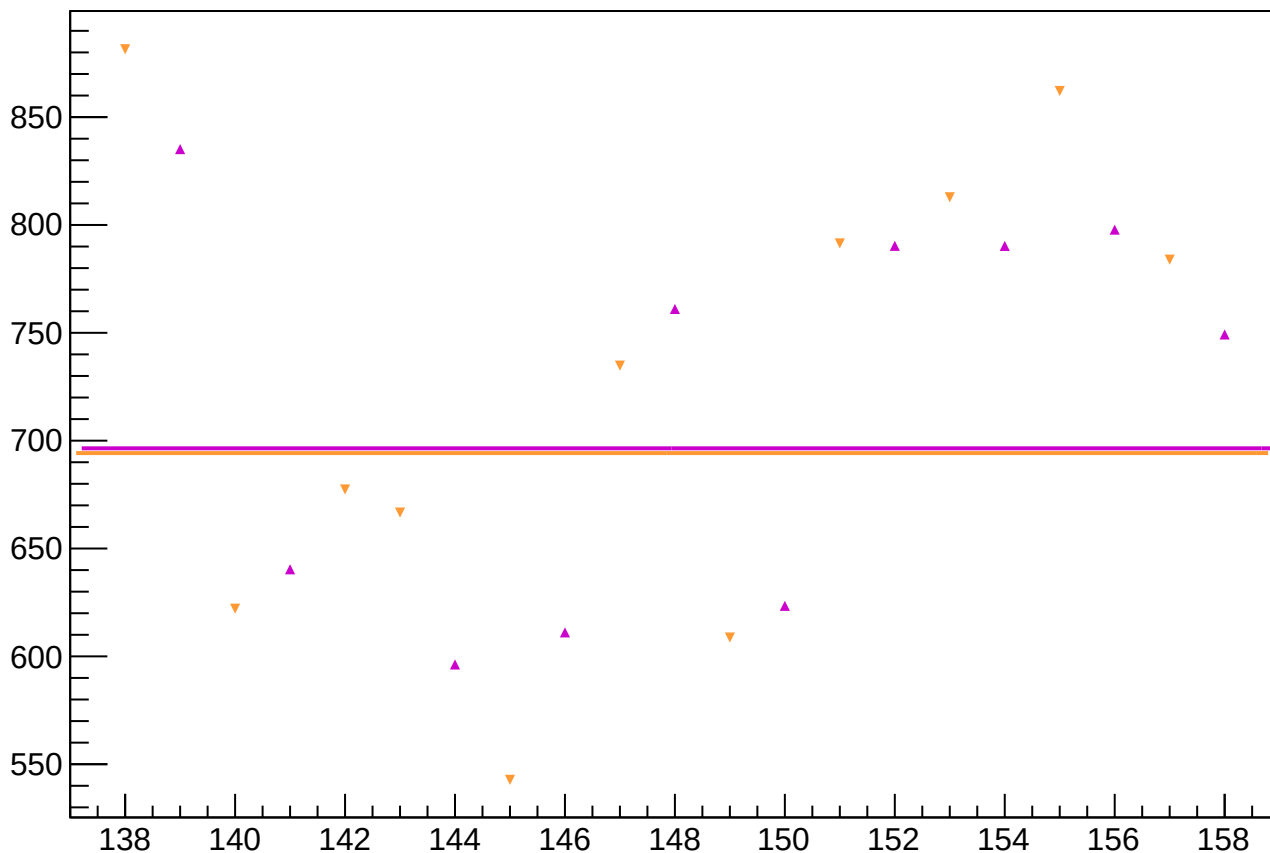
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -456.624+/-244.963 χ^2/NDF :6.3/9

Out: 1208.855+/-245.237 χ^2/NDF :15.2/10

All: 375.187+/-173.312 χ^2/NDF : 44.6/20

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

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: 695.355+/-0.123 χ^2/NDF : 634167.8/20

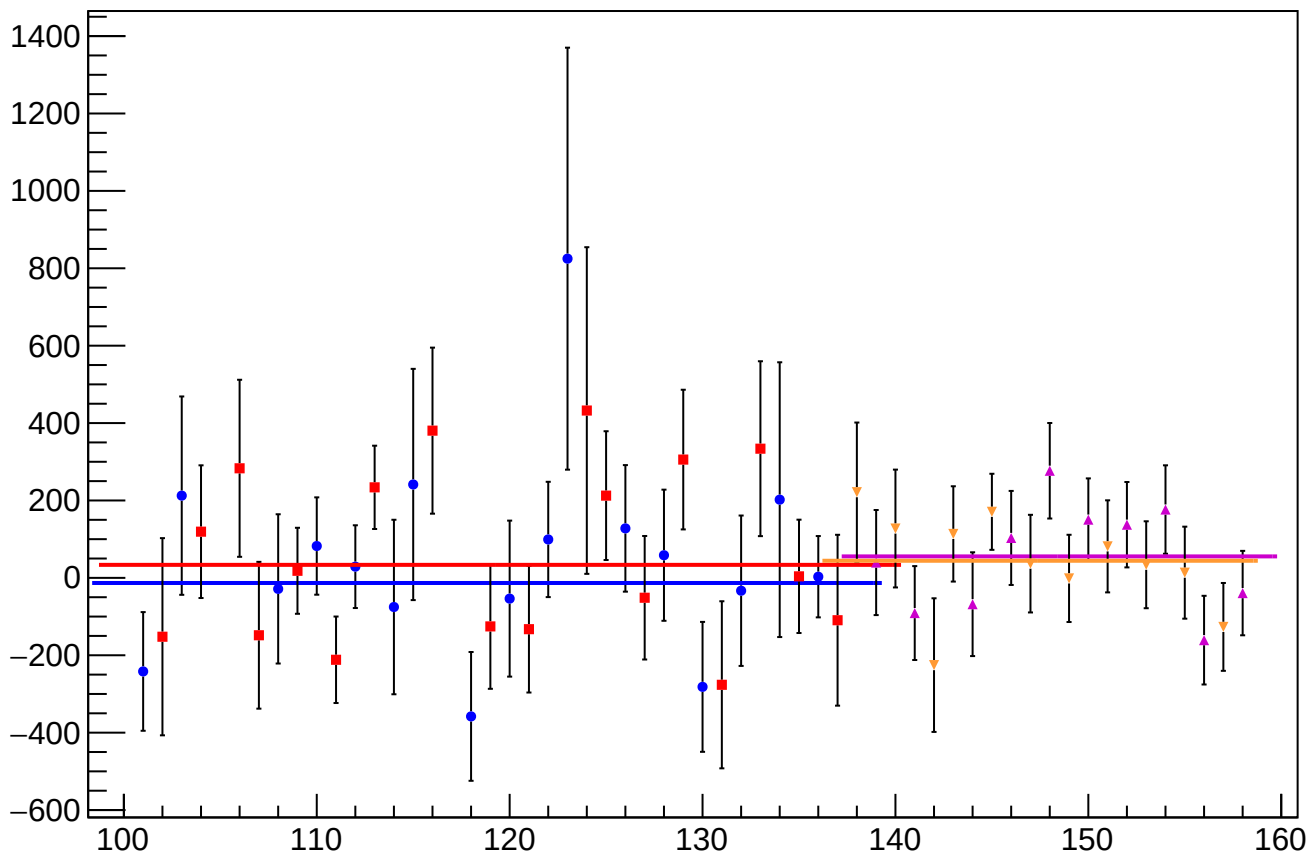
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 696.457+/-0.173 χ^2/NDF :250858.3/9

Out: 694.251+/-0.173 χ^2/NDF :383228.5/10

All: 695.355+/-0.123 χ^2/NDF : 634167.8/20

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: 44.223 ± 37.348 $\chi^2/\text{NDF}: 8.3/10$

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: 49.858 ± 26.398 $\chi^2/\text{NDF}: 20.8/20$

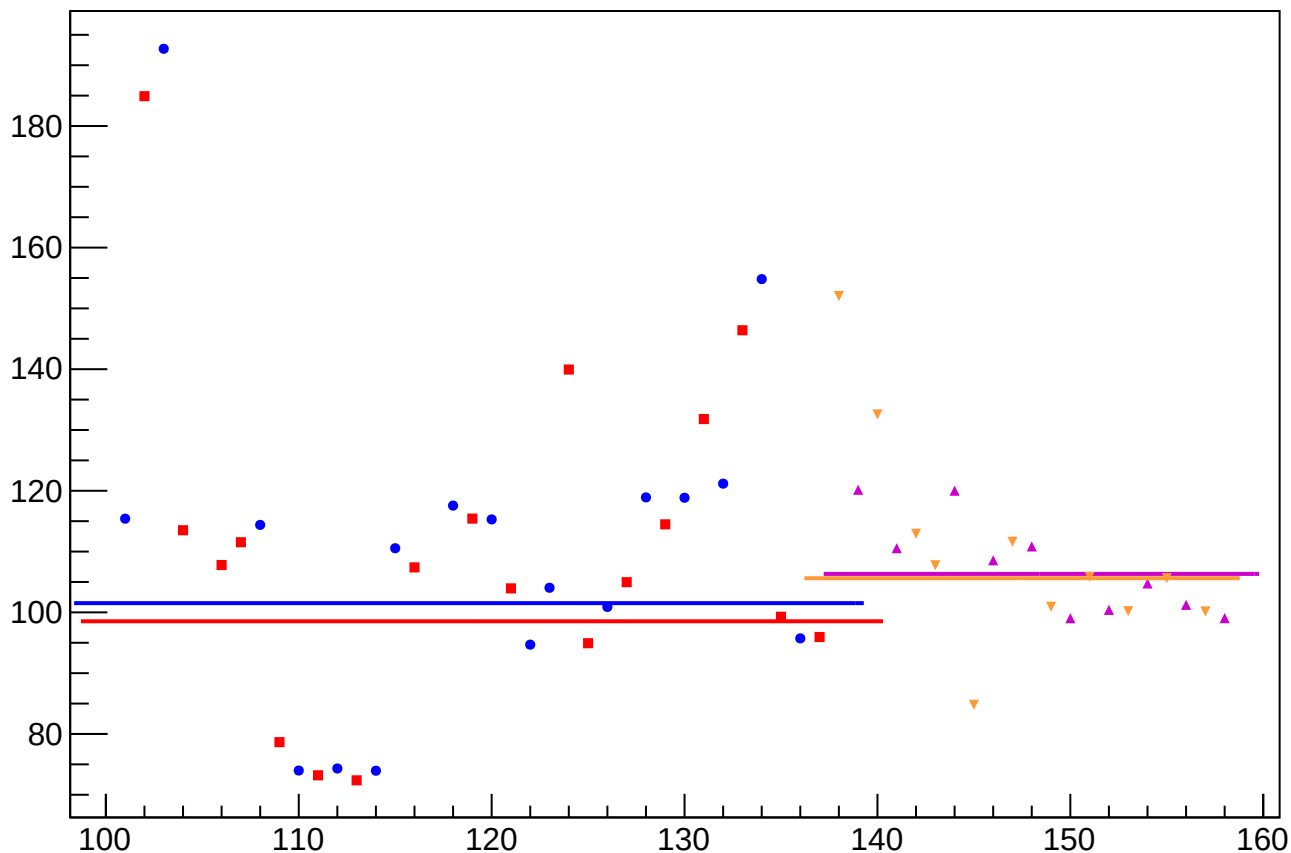
Right: 11.191 ± 28.070 $\chi^2/\text{NDF}: 41.1/34$

In: 23.985 ± 27.460 $\chi^2/\text{NDF}: 29.7/26$

Out: 39.144 ± 26.938 $\chi^2/\text{NDF}: 33.0/28$

All: 31.710 ± 19.230 $\chi^2/\text{NDF}: 62.9/55$

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.519 $\pm$ 0.029 χ^2 /NDF: 681713.7/16

Left Out: 105.613 $\pm$ 0.026 χ^2 /NDF: 306849.9/10

Right Out: 98.537 $\pm$ 0.028 χ^2 /NDF: 746979.4/17

Left In: 106.328 $\pm$ 0.026 χ^2 /NDF: 75738.8/9

Left: 105.971 $\pm$ 0.019 χ^2 /NDF: 382956.0/20

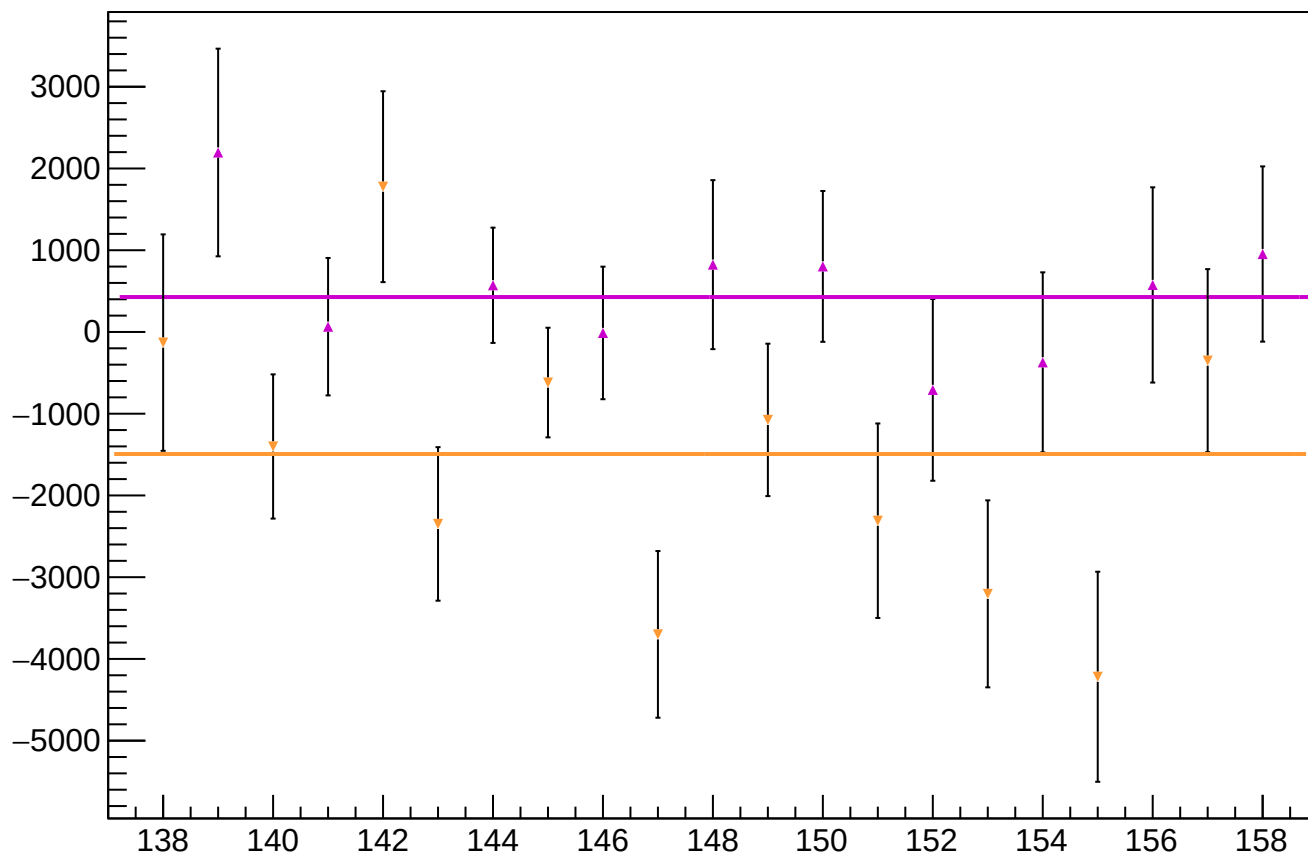
Right: 99.965 $\pm$ 0.020 χ^2 /NDF: 1434328.3/34

In: 104.123 $\pm$ 0.019 χ^2 /NDF: 772684.1/26

Out: 102.218 $\pm$ 0.019 χ^2 /NDF: 1088276.4/28

All: 103.152 $\pm$ 0.014 χ^2 /NDF: 1865867.8/55

asym_sam_3748_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

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: -534.978+/-214.097 χ^2/NDF : 49.3/20

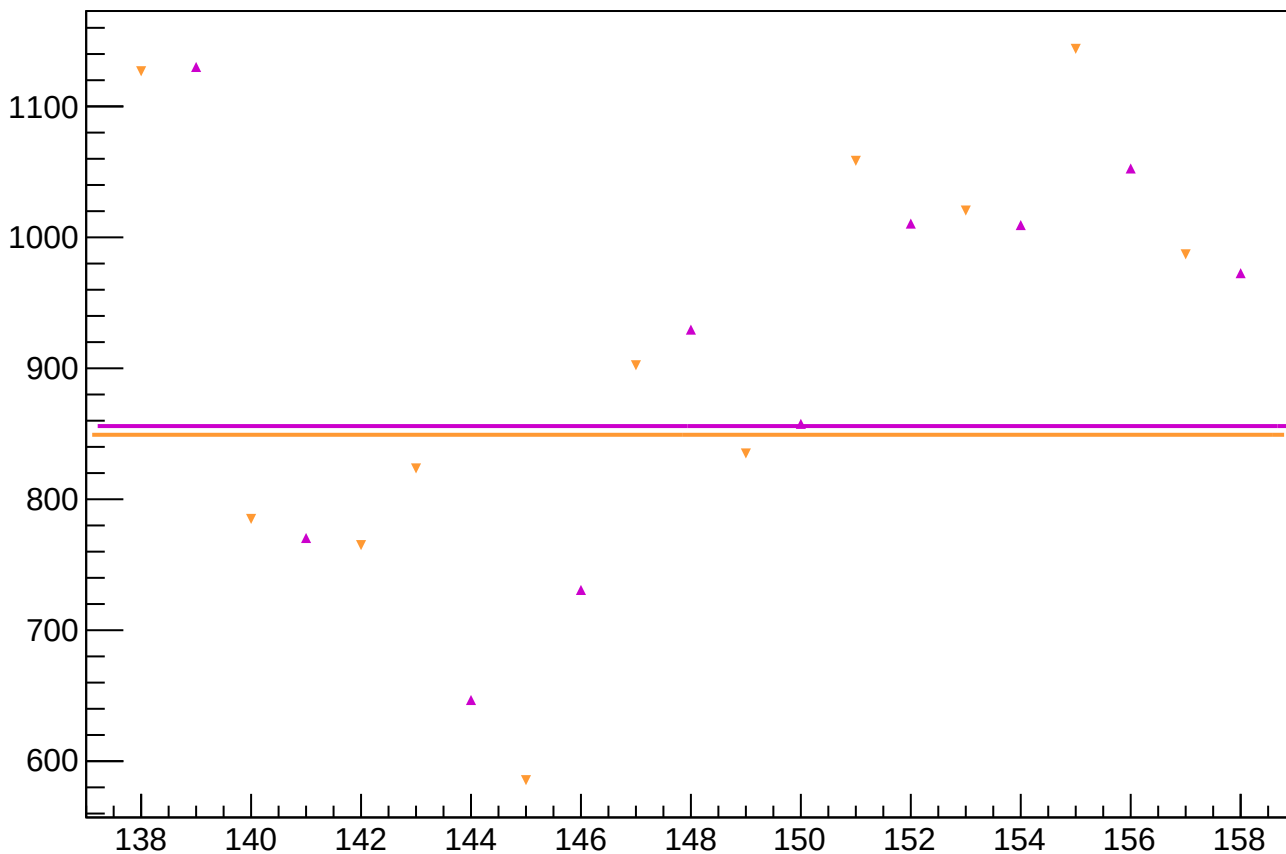
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 427.290+/-303.129 χ^2/NDF : 4.6/9

Out: -1492.819+/-302.431 χ^2/NDF : 24.6/10

All: -534.978+/-214.097 χ^2/NDF : 49.3/20

asym_sam_3748_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 849.244+/-0.214 χ^2/NDF : 667896.0/10

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: 852.563+/-0.151 χ^2/NDF : 1171678.6/20

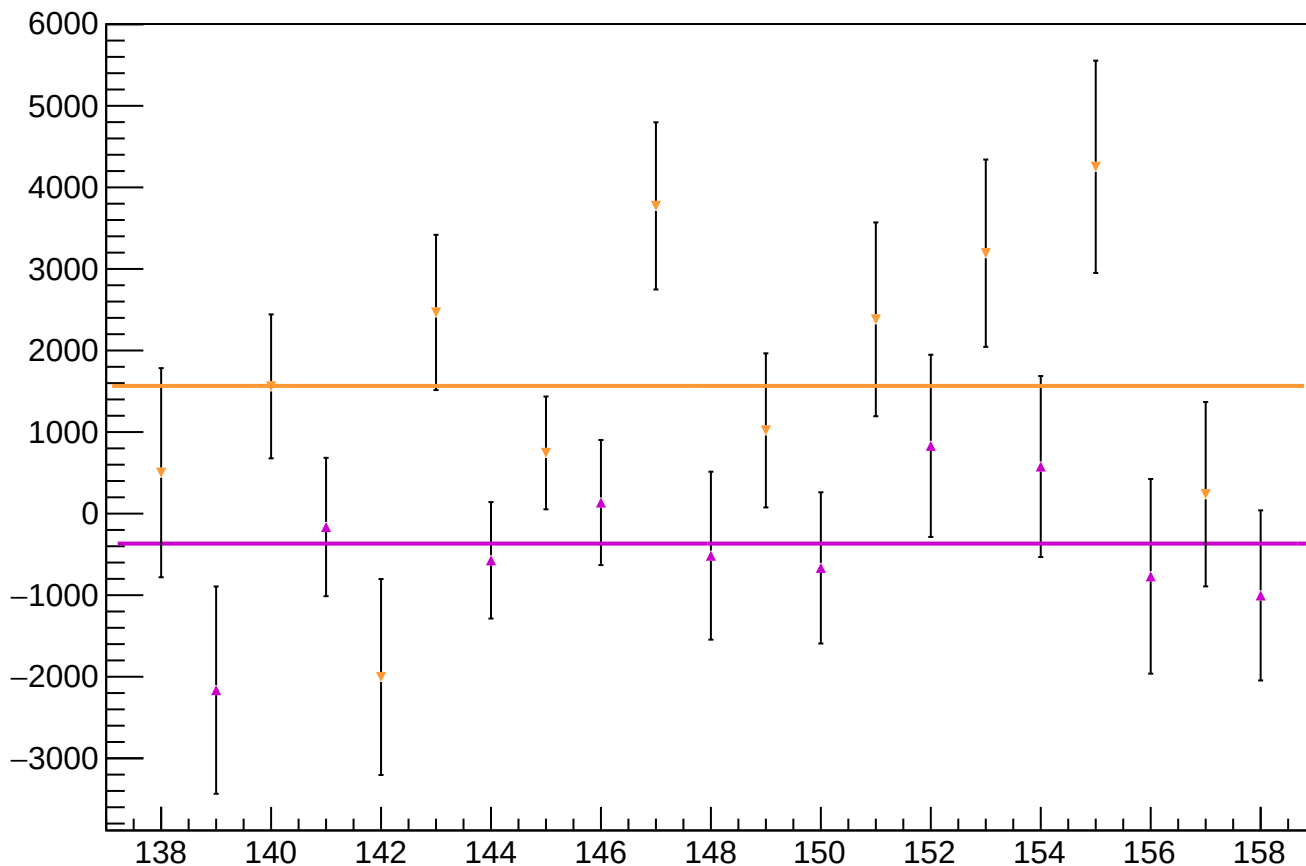
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 855.897+/-0.214 χ^2/NDF : 503299.9/9

Out: 849.244+/-0.214 χ^2/NDF : 667896.0/10

All: 852.563+/-0.151 χ^2/NDF : 1171678.6/20

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

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: 585.014+/-214.636 χ^2/NDF : 50.2/20

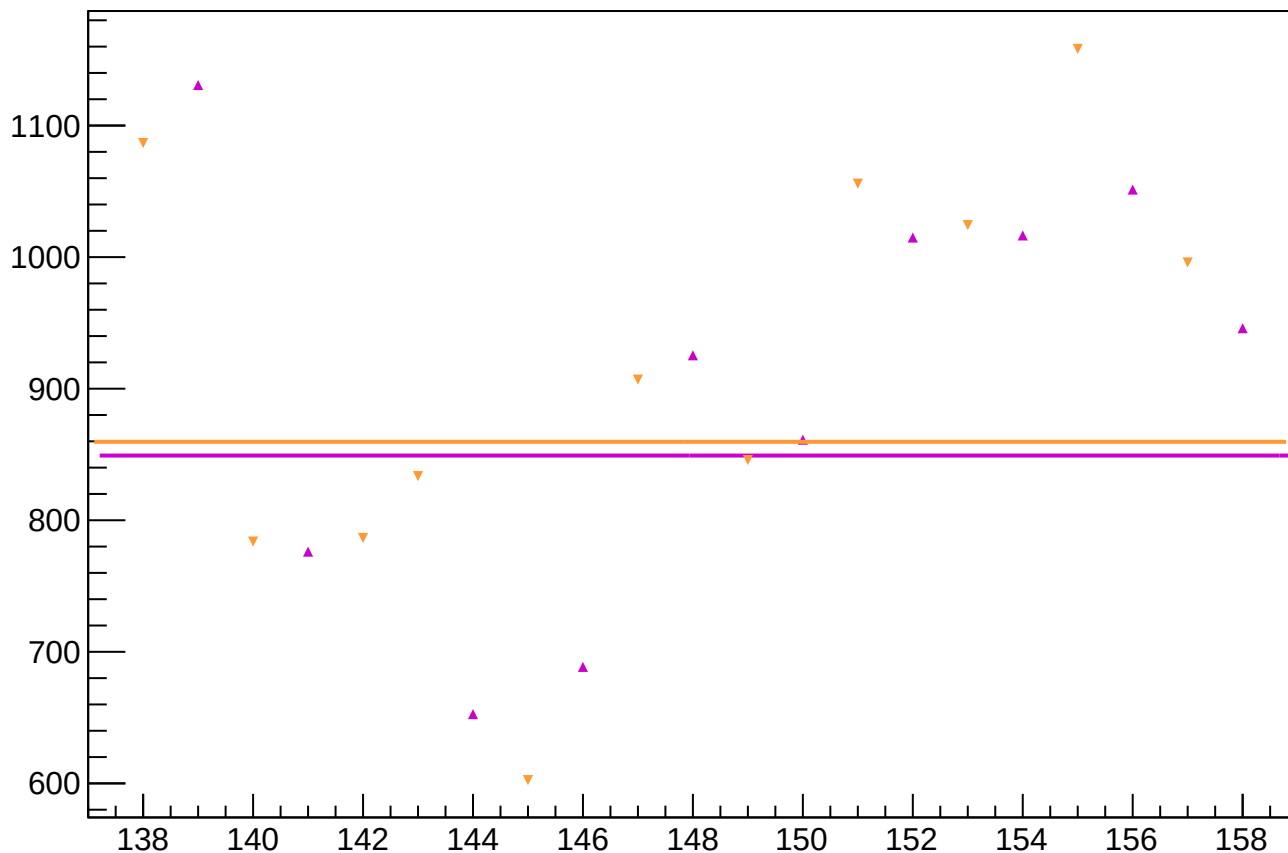
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -367.370+/-301.328 χ^2/NDF :5.1/9

Out: 1565.900+/-305.804 χ^2/NDF :24.9/10

All: 585.014+/-214.636 χ^2/NDF : 50.2/20

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

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: 854.326+/-0.152 χ^2/NDF : 1126700.8/20

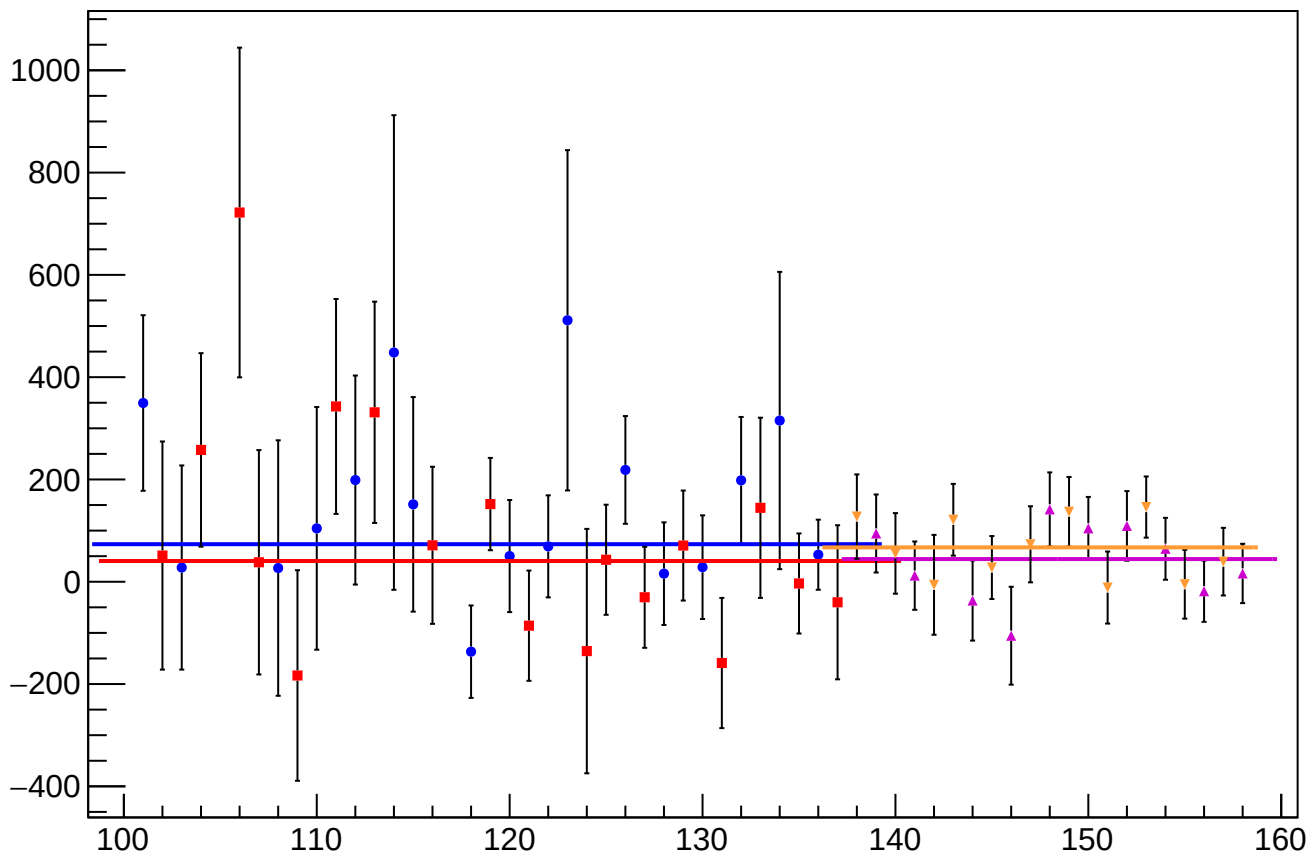
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 849.181+/-0.213 χ^2/NDF : 527646.8/9

Out: 859.625+/-0.216 χ^2/NDF : 597870.3/10

All: 854.326+/-0.152 χ^2/NDF : 1126700.8/20

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: 67.163 $\pm$ 21.278 χ^2 /NDF: 7.5/10

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: 55.808 $\pm$ 15.077 χ^2 /NDF: 17.4/20

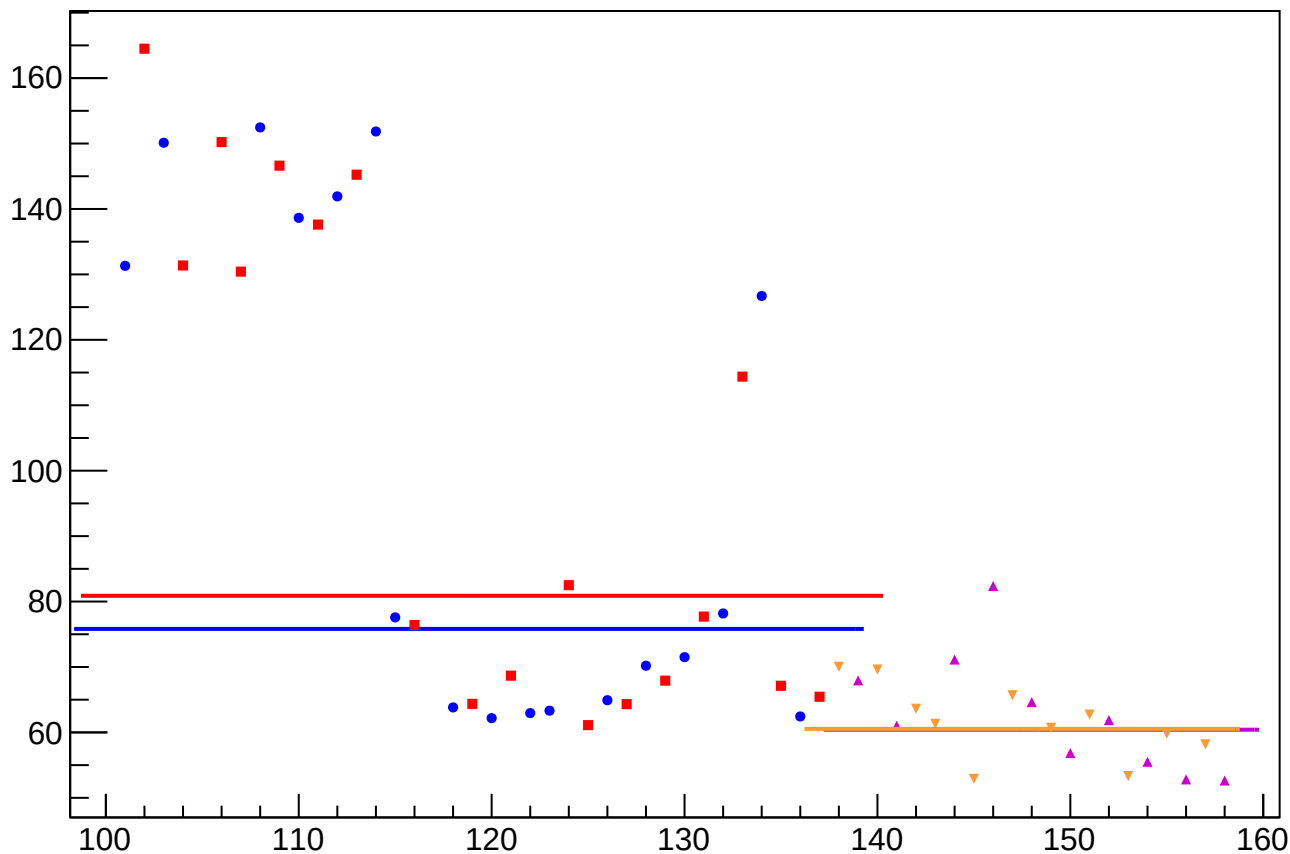
Right: 57.887 $\pm$ 22.535 χ^2 /NDF: 34.0/34

In: 53.701 $\pm$ 17.603 χ^2 /NDF: 25.2/26

Out: 59.275 $\pm$ 17.842 χ^2 /NDF: 26.2/28

All: 56.451 $\pm$ 12.531 χ^2 /NDF: 51.4/55

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.820 $\pm$ 0.022 χ^2/NDF : 1349961.8/16

Left Out: 60.544 $\pm$ 0.015 χ^2/NDF :129404.7/10

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: 60.479 $\pm$ 0.011 χ^2/NDF : 387719.9/20

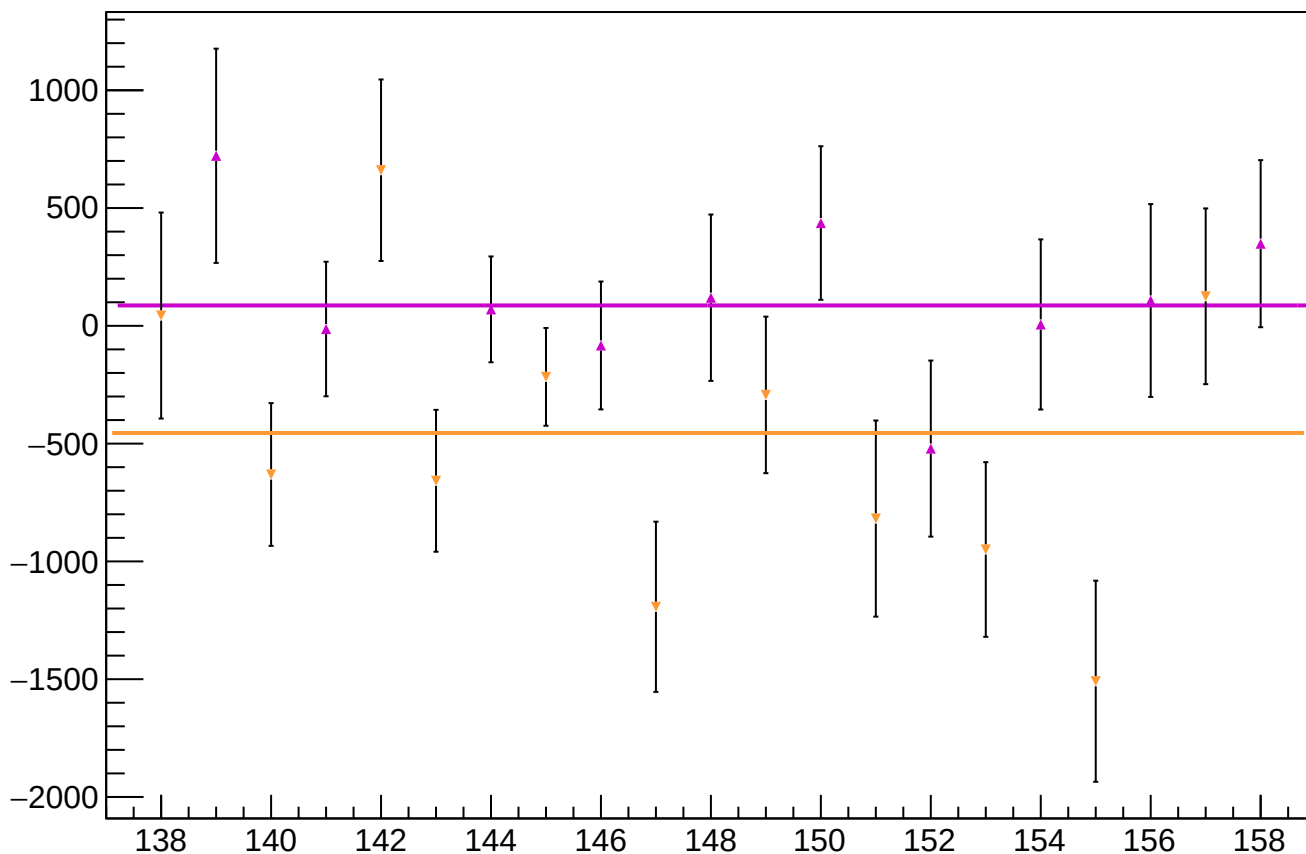
Right: 78.217 $\pm$ 0.016 χ^2/NDF : 2901160.0/34

In: 65.362 $\pm$ 0.012 χ^2/NDF :1942265.4/26

Out: 66.582 $\pm$ 0.013 χ^2/NDF :2197912.5/28

All: 65.963 $\pm$ 0.009 χ^2/NDF : 4144917.0/55

asym_sam_1526_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -454.851+/-100.225 χ^2/NDF :27.3/10

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: -188.092+/-71.386 χ^2/NDF : 48.5/20

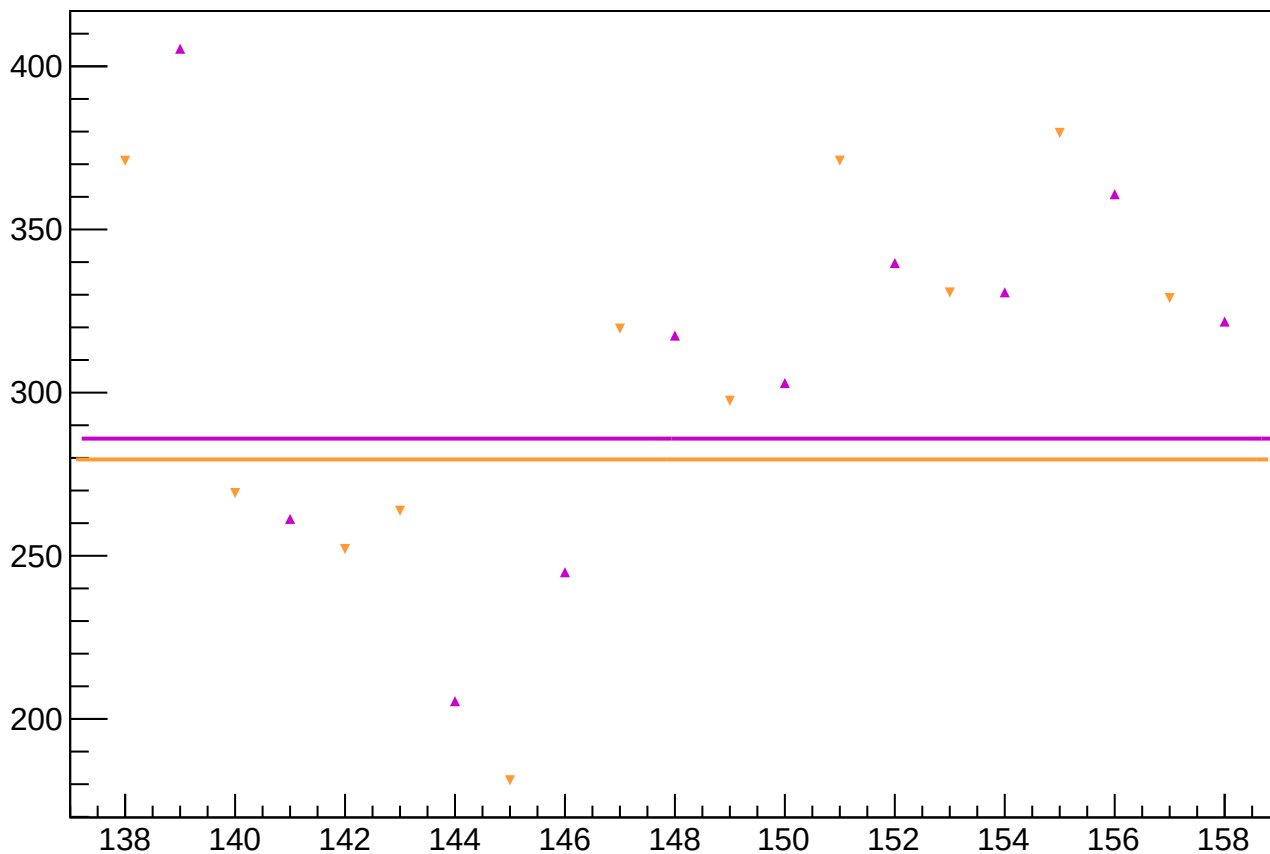
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 86.594+/-101.703 χ^2/NDF :6.9/9

Out: -454.851+/-100.225 χ^2/NDF :27.3/10

All: -188.092+/-71.386 χ^2/NDF : 48.5/20

asym_sam_1526_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

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: 282.674+/-0.050 χ^2/NDF : 1505308.2/20

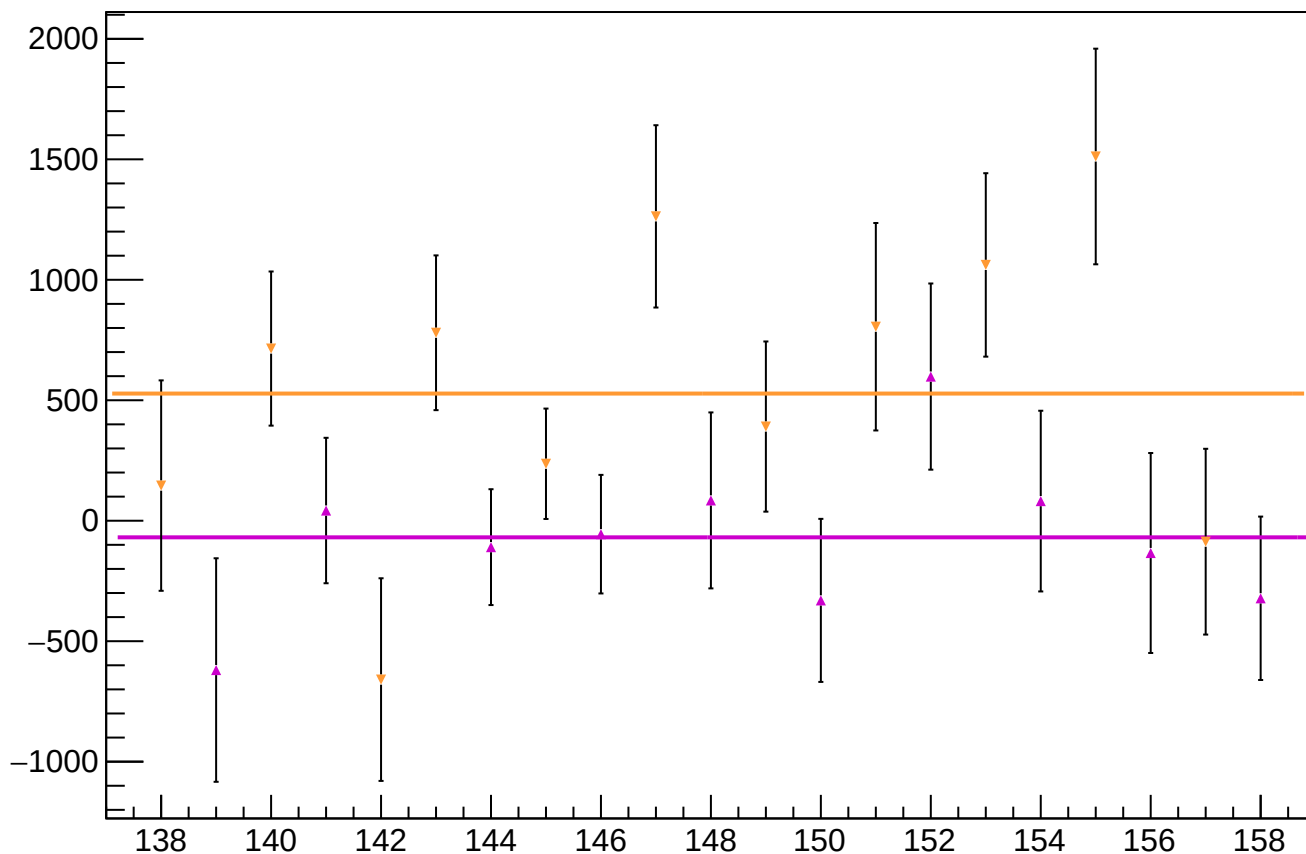
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 285.911+/-0.072 χ^2/NDF :636293.1/9

Out: 279.531+/-0.071 χ^2/NDF :865022.1/10

All: 282.674+/-0.050 χ^2/NDF : 1505308.2/20

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 527.824+/-106.333 χ^2/NDF :25.0/10

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: 220.374+/-74.036 χ^2/NDF : 47.3/20

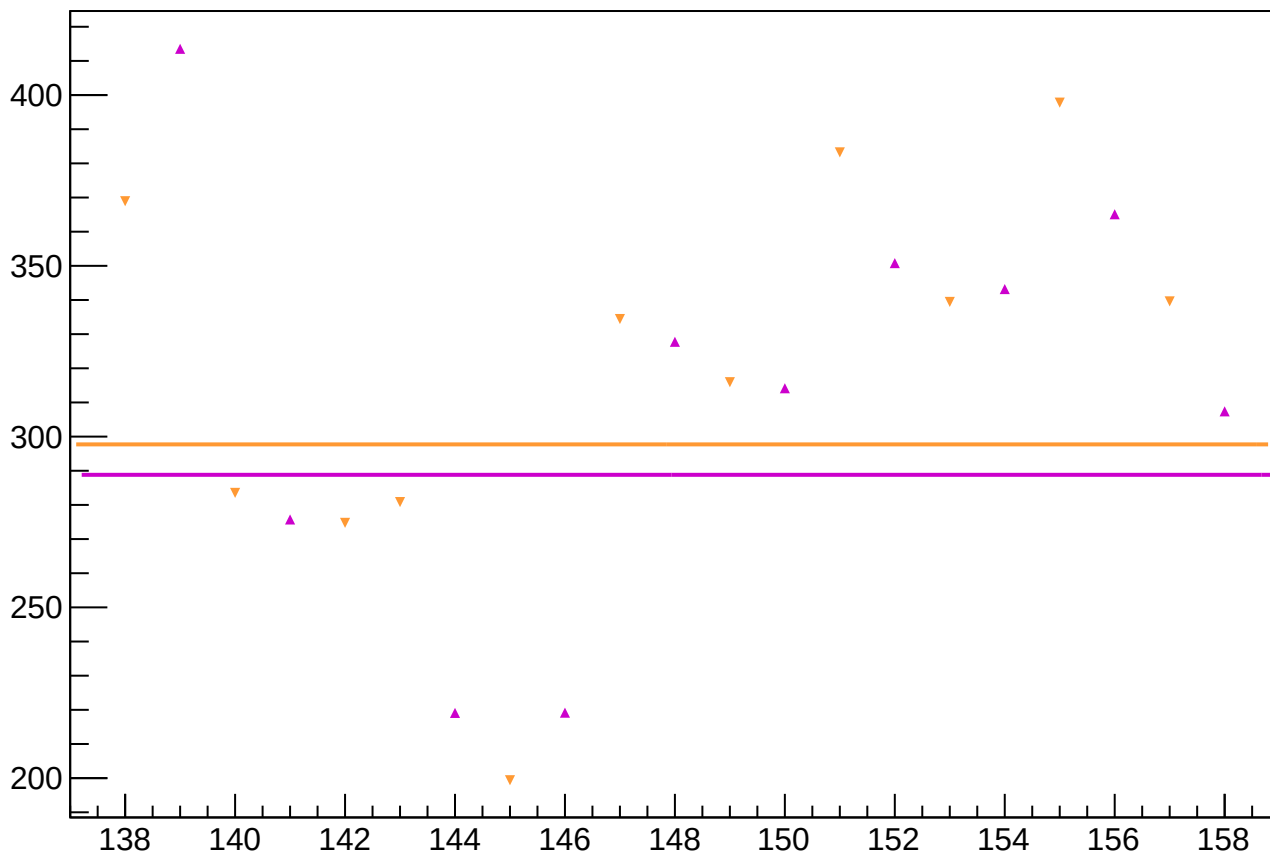
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -68.920+/-103.146 χ^2/NDF :6.1/9

Out: 527.824+/-106.333 χ^2/NDF :25.0/10

All: 220.374+/-74.036 χ^2/NDF : 47.3/20

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

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: 293.132+/-0.052 χ^2/NDF : 1372893.6/20

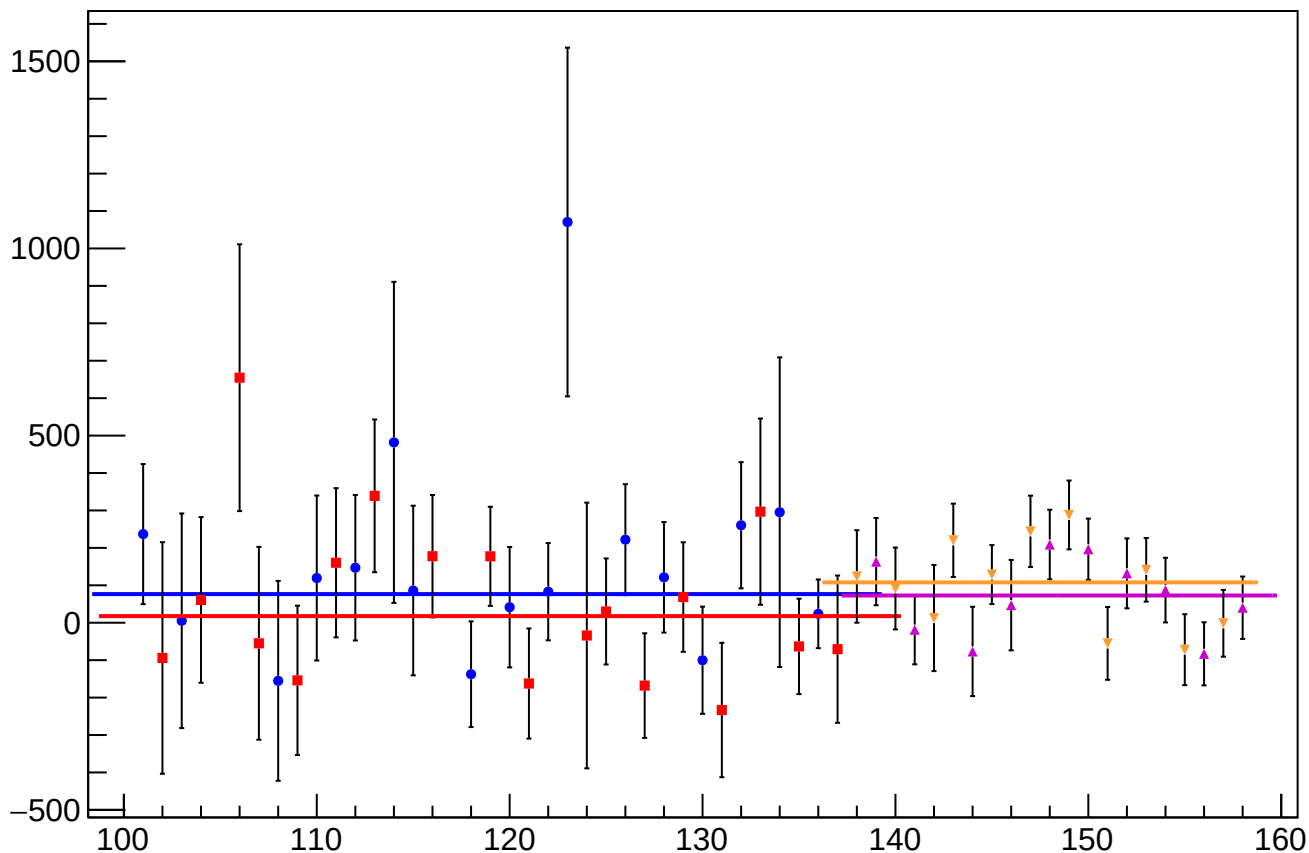
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 288.813+/-0.073 χ^2/NDF : 677908.5/9

Out: 297.722+/-0.075 χ^2/NDF : 687750.9/10

All: 293.132+/-0.052 χ^2/NDF : 1372893.6/20

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 76.503+/-41.558 χ^2/NDF : 13.9/16

Left Out: 107.780+/-29.192 χ^2/NDF :15.8/10

Right Out: 17.605+/-42.297 χ^2/NDF : 16.8/17

Left In: 72.752+/-29.785 χ^2/NDF :11.6/9

Left: 90.618+/-20.848 χ^2/NDF : 28.1/20

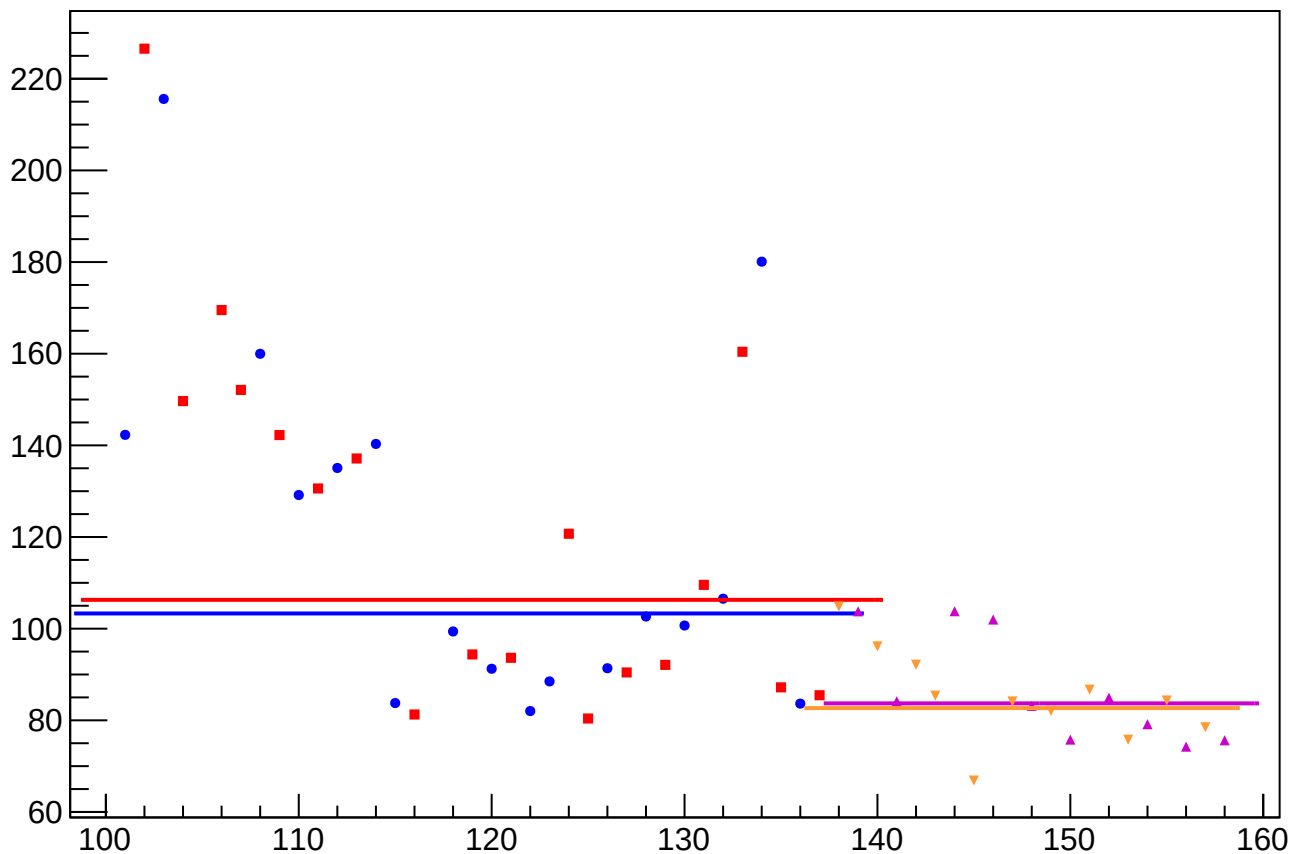
Right: 47.573+/-29.644 χ^2/NDF : 31.7/34

In: 74.025+/-24.209 χ^2/NDF :25.5/26

Out: 78.686+/-24.026 χ^2/NDF :35.7/28

All: 76.373+/-17.053 χ^2/NDF : 61.2/55

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 103.318+/-0.029 χ^2/NDF : 837801.7/16

Left Out: 82.668+/-0.021 χ^2/NDF :207722.0/10

Right Out: 106.289+/-0.030 χ^2/NDF : 1000708.3/17

Left In: 83.695+/-0.021 χ^2/NDF :230413.5/9

Left: 83.171+/-0.015 χ^2/NDF : 439348.2/20

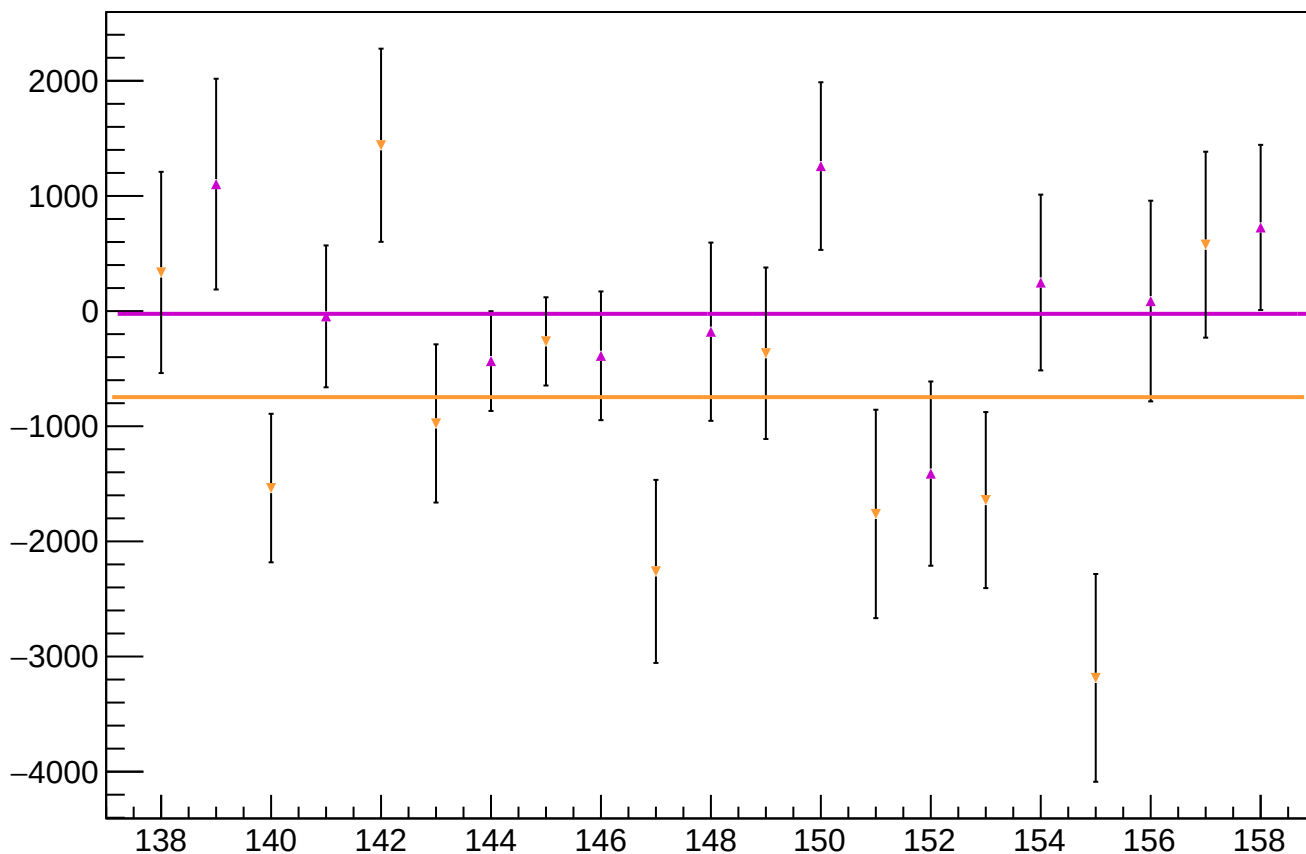
Right: 104.777+/-0.021 χ^2/NDF : 1843531.0/34

In: 90.354+/-0.017 χ^2/NDF :1362805.7/26

Out: 90.289+/-0.017 χ^2/NDF :1630919.6/28

All: 90.321+/-0.012 χ^2/NDF : 2993732.5/55

asym_sam_3726_avg_correction_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -747.180+/-207.848 χ^2/NDF :28.0/10

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: -390.956+/-148.084 χ^2/NDF : 44.2/20

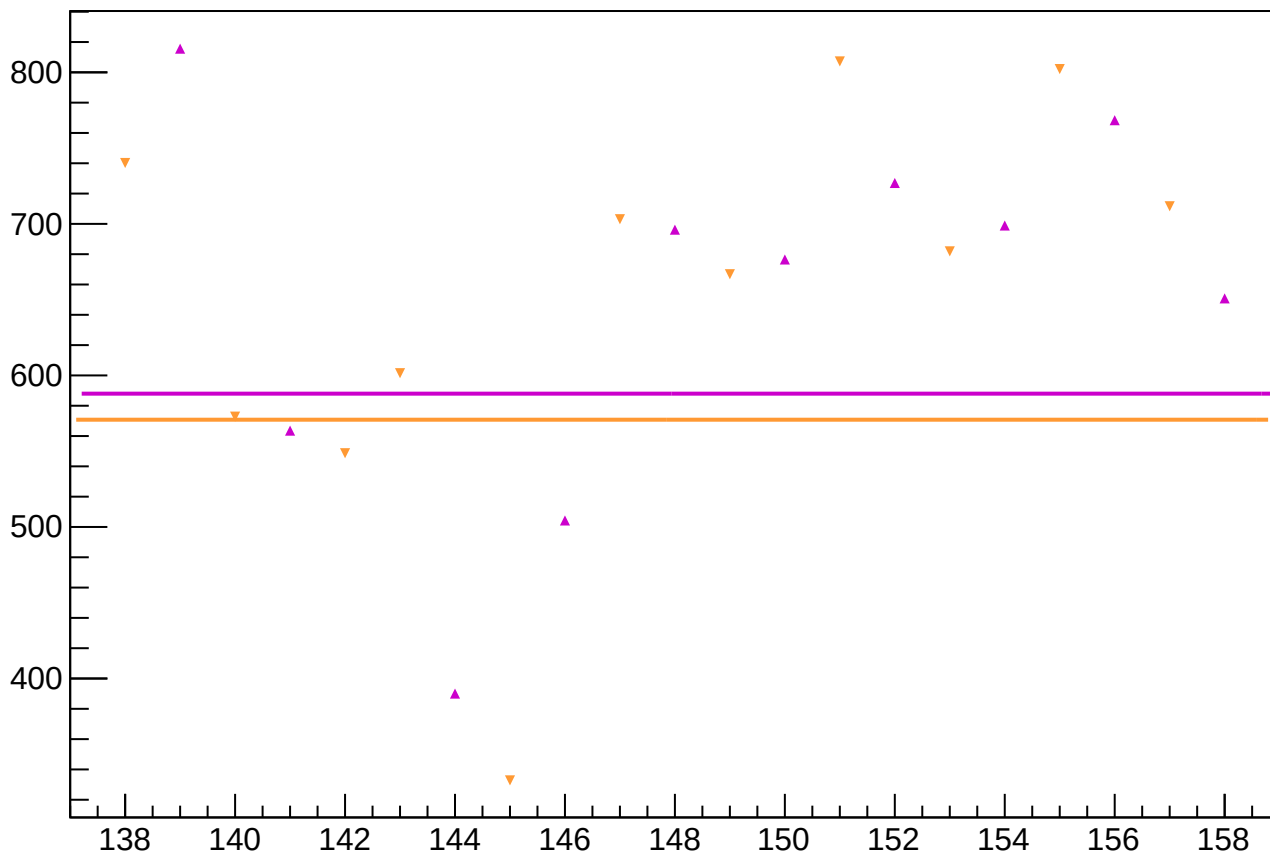
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -23.727+/-211.034 χ^2/NDF :10.2/9

Out: -747.180+/-207.848 χ^2/NDF :28.0/10

All: -390.956+/-148.084 χ^2/NDF : 44.2/20

asym_sam_3726_avg_correction_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

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: 579.244+/-0.105 χ^2/NDF : 2180625.1/20

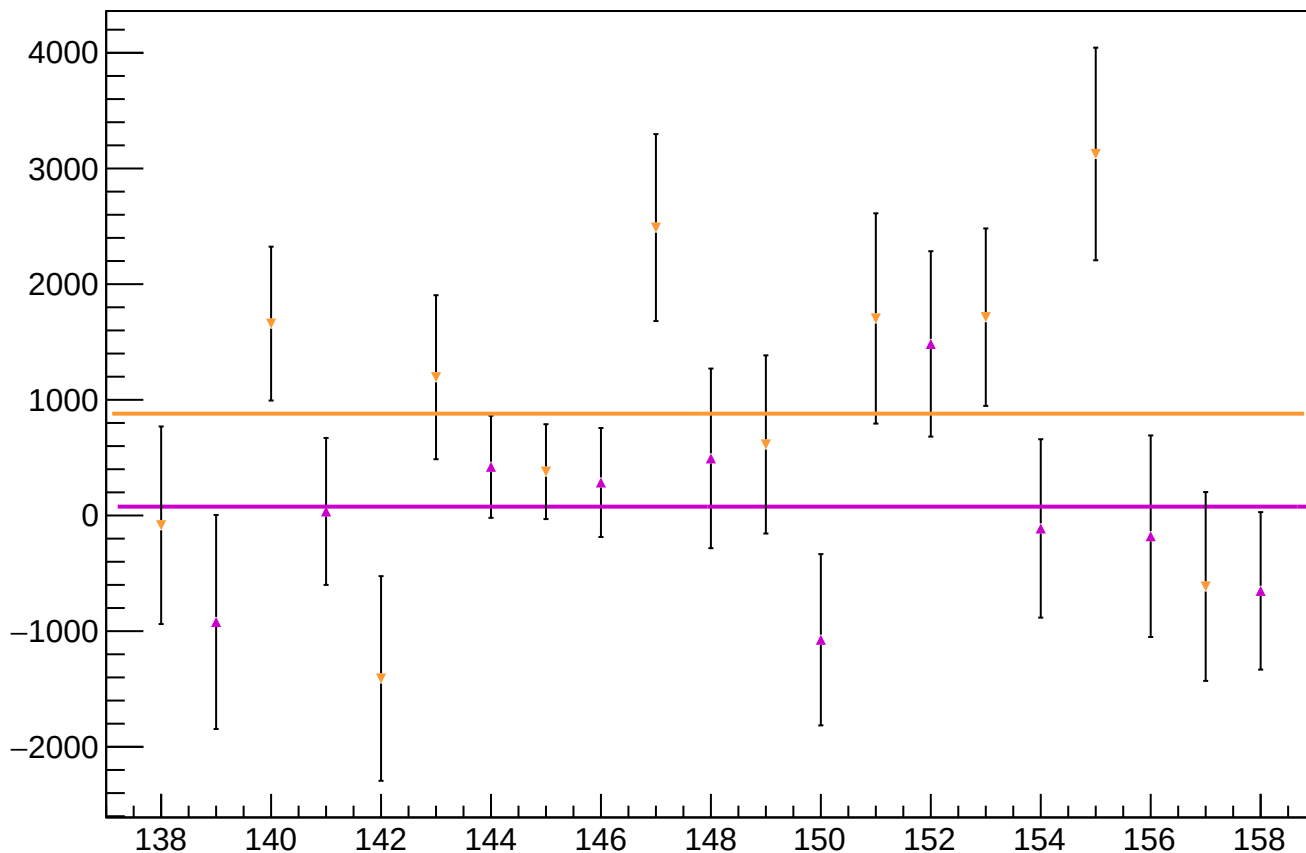
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 587.967+/-0.149 χ^2/NDF :861657.1/9

Out: 570.781+/-0.147 χ^2/NDF :1312235.1/10

All: 579.244+/-0.105 χ^2/NDF : 2180625.1/20

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

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: 462.308+/-148.851 χ^2/NDF : 42.8/20

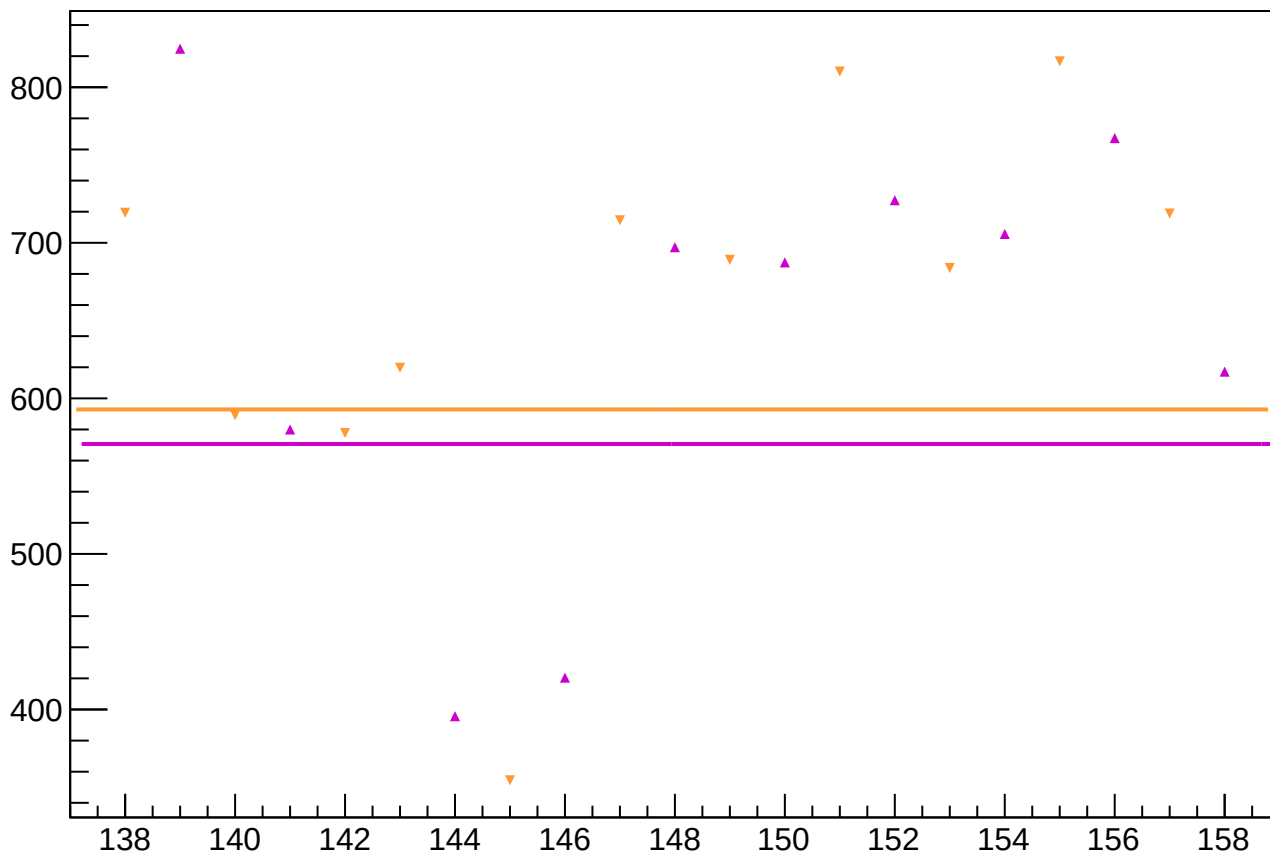
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 76.510+/-206.396 χ^2/NDF : 9.0/9

Out: 880.452+/-214.874 χ^2/NDF : 26.4/10

All: 462.308+/-148.851 χ^2/NDF : 42.8/20

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

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: 581.326+/-0.105 χ^2/NDF : 2140077.6/20

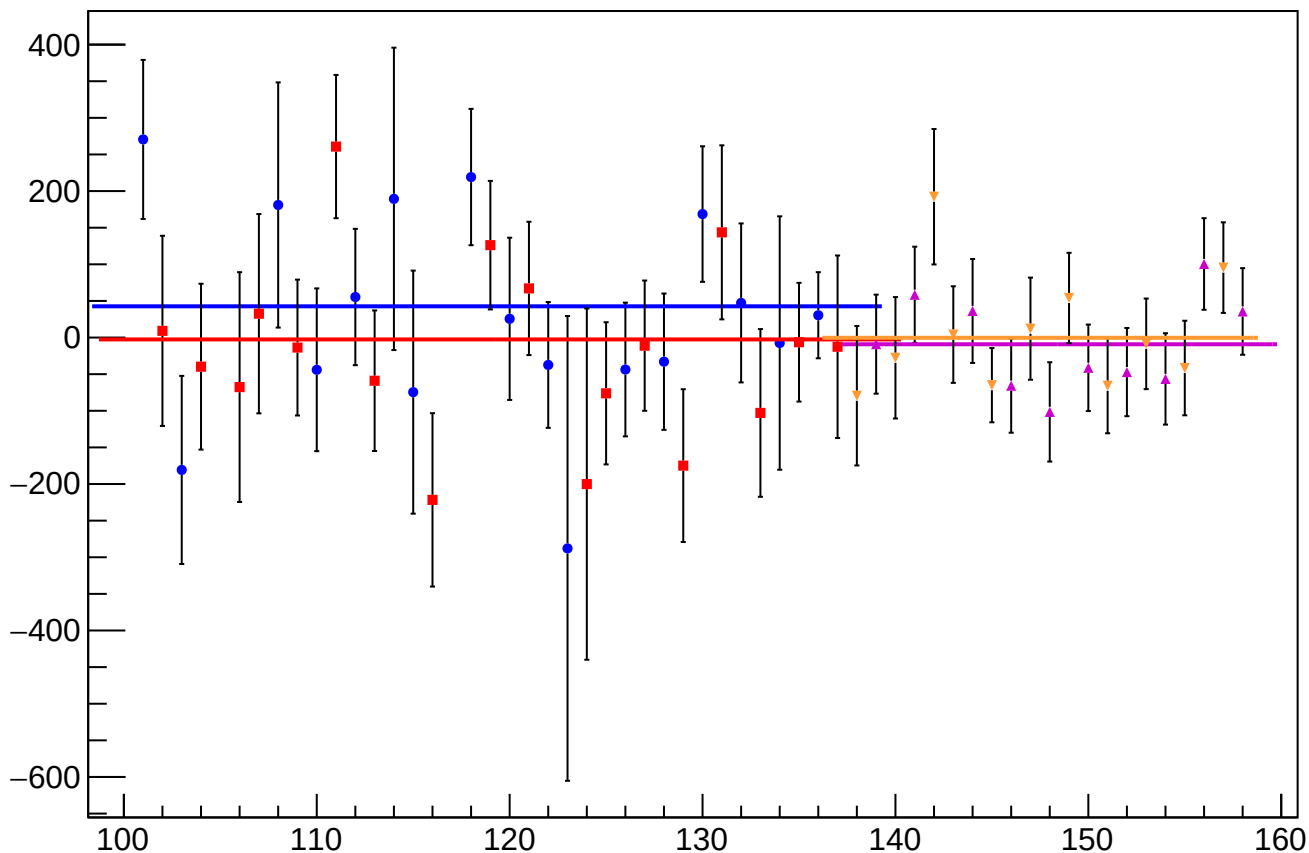
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 570.655+/-0.146 χ^2/NDF :1020338.1/9

Out: 592.891+/-0.152 χ^2/NDF :1108599.5/10

All: 581.326+/-0.105 χ^2/NDF : 2140077.6/20

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: -0.351 $\pm$ 20.160 χ^2 /NDF:11.4/10

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: -4.783 $\pm$ 14.241 χ^2 /NDF: 20.5/20

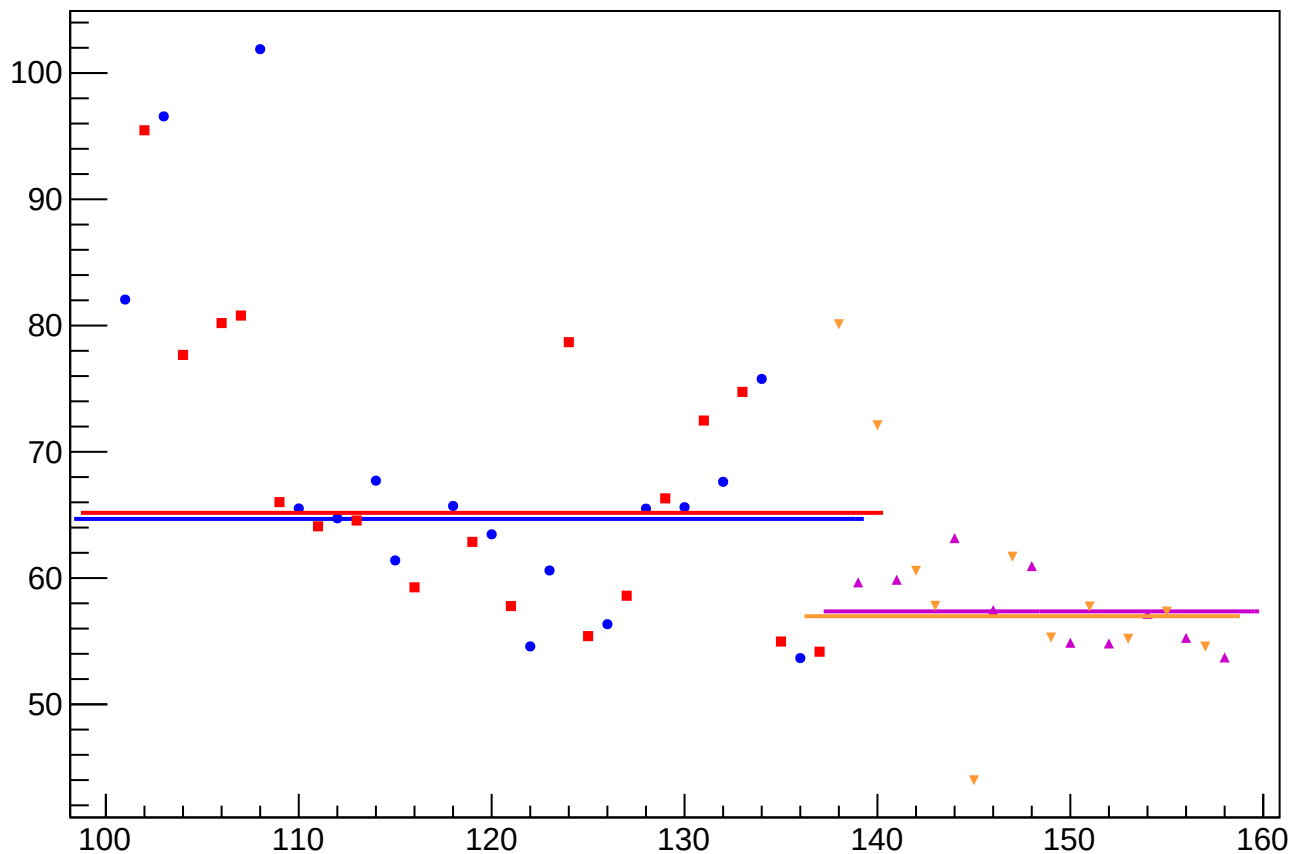
Right: 19.683 $\pm$ 17.879 χ^2 /NDF: 40.9/34

In: 10.710 $\pm$ 15.791 χ^2 /NDF:30.4/26

Out: -1.224 $\pm$ 15.715 χ^2 /NDF:31.8/28

All: 4.714 $\pm$ 11.139 χ^2 /NDF: 62.5/55

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: 56.978 $\pm$ 0.014 χ^2 /NDF:335031.0/10

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: 57.170 $\pm$ 0.010 χ^2 /NDF: 376592.5/20

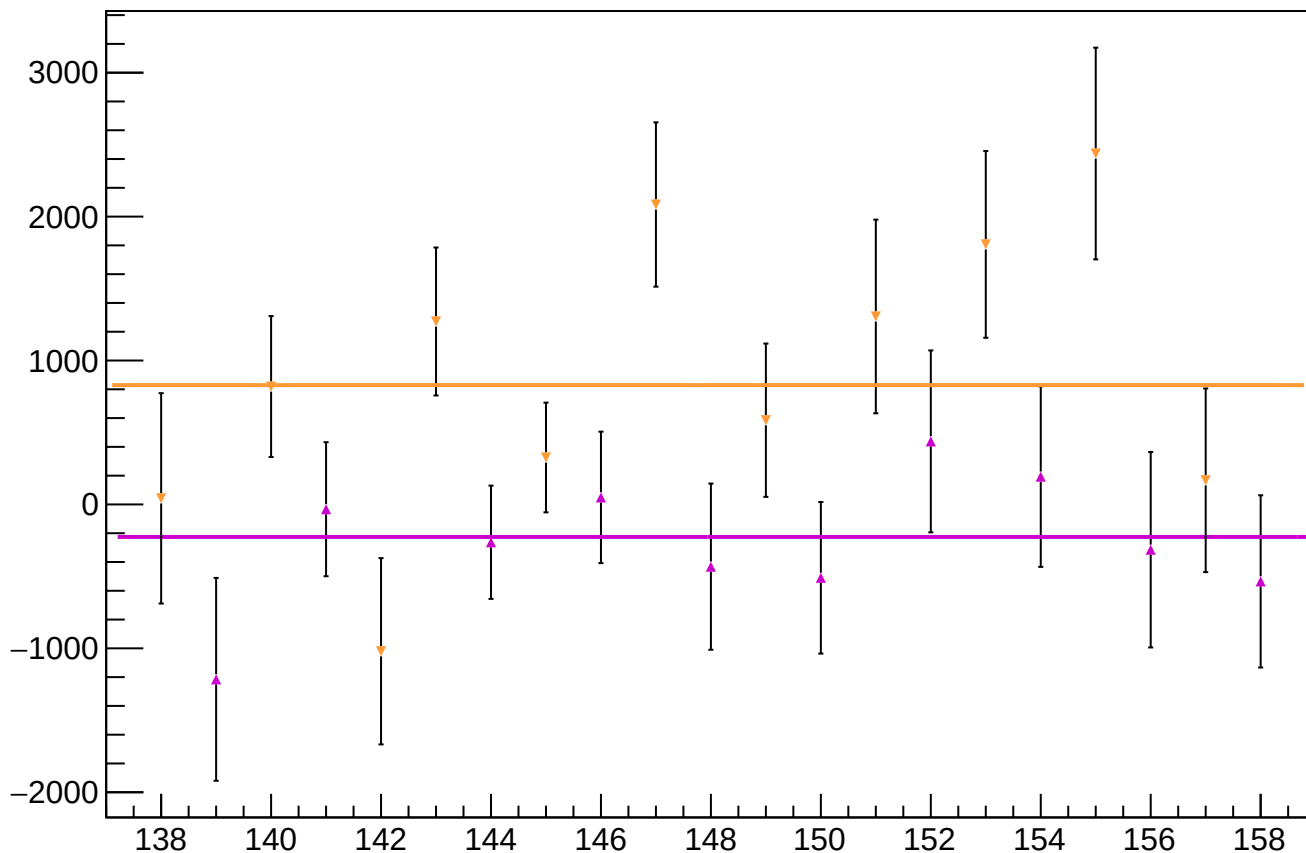
Right: 64.930 $\pm$ 0.013 χ^2 /NDF: 705130.8/34

In: 60.174 $\pm$ 0.011 χ^2 /NDF:543126.3/26

Out: 60.191 $\pm$ 0.011 χ^2 /NDF:769103.9/28

All: 60.182 $\pm$ 0.008 χ^2 /NDF: 1312231.5/55

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: 828.945+/-170.062 χ^2/NDF : 25.5/10

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: 302.310+/-120.333 χ^2/NDF : 49.4/20

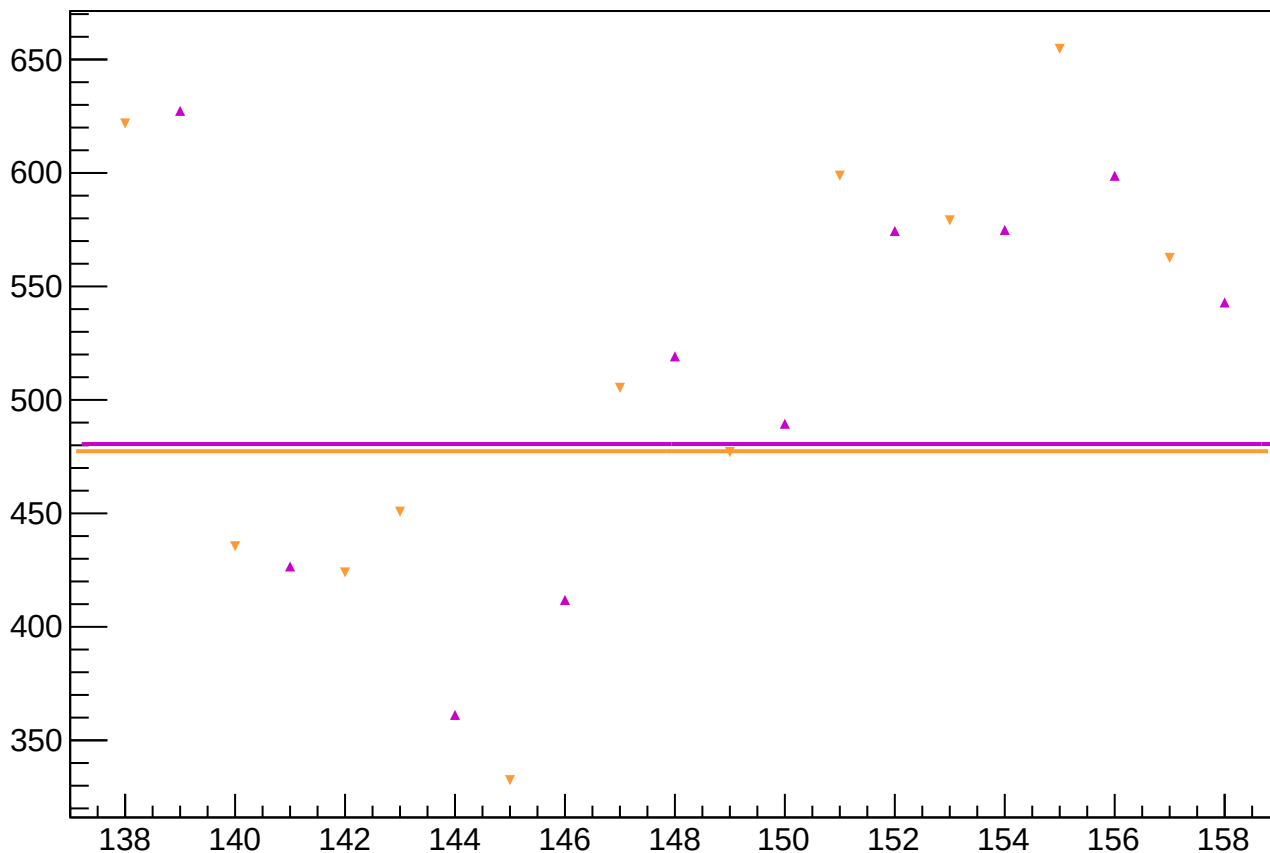
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -225.744+/-170.291 χ^2/NDF : 4.8/9

Out: 828.945+/-170.062 χ^2/NDF : 25.5/10

All: 302.310+/-120.333 χ^2/NDF : 49.4/20

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: 477.393+/-0.120 χ^2/NDF : 671883.4/10

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: 478.975+/-0.085 χ^2/NDF : 1196229.3/20

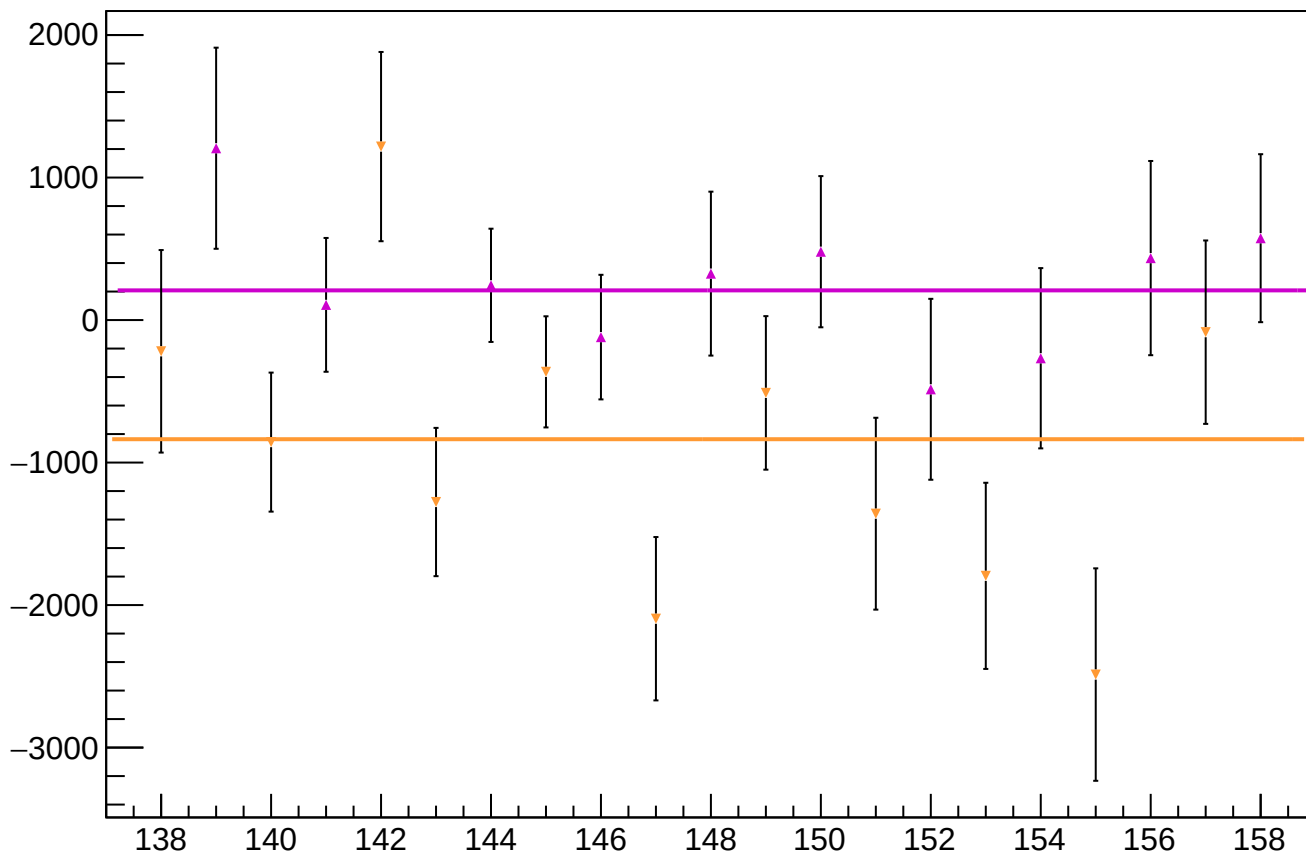
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 480.562+/-0.120 χ^2/NDF : 523999.3/9

Out: 477.393+/-0.120 χ^2/NDF : 671883.4/10

All: 478.975+/-0.085 χ^2/NDF : 1196229.3/20

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -836.134+/-171.555 χ^2/NDF : 26.7/10

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: -308.401+/-120.664 χ^2/NDF : 50.6/20

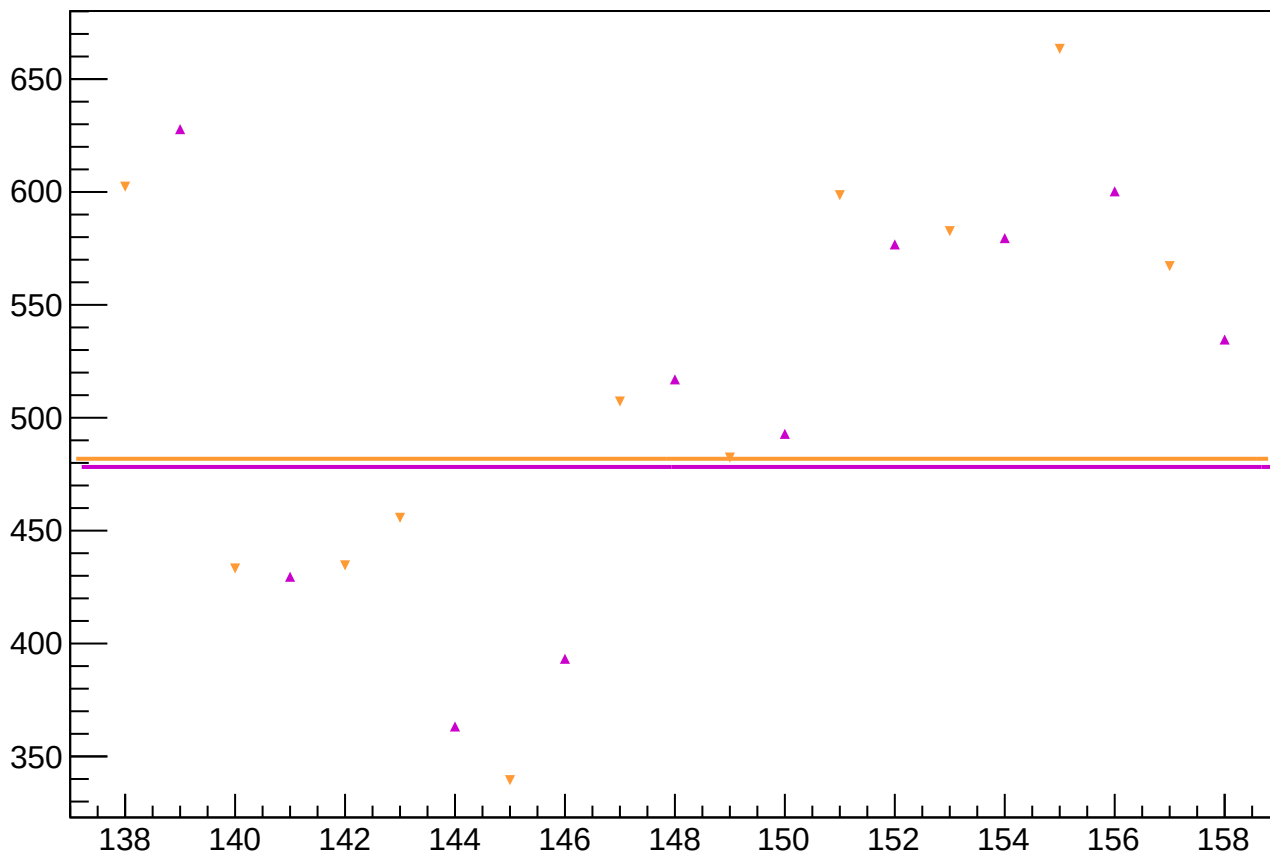
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 208.282+/-169.749 χ^2/NDF : 5.2/9

Out: -836.134+/-171.555 χ^2/NDF : 26.7/10

All: -308.401+/-120.664 χ^2/NDF : 50.6/20

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 481.833+/-0.121 χ^2/NDF :624653.1/10

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: 480.001+/-0.085 χ^2/NDF : 1172206.8/20

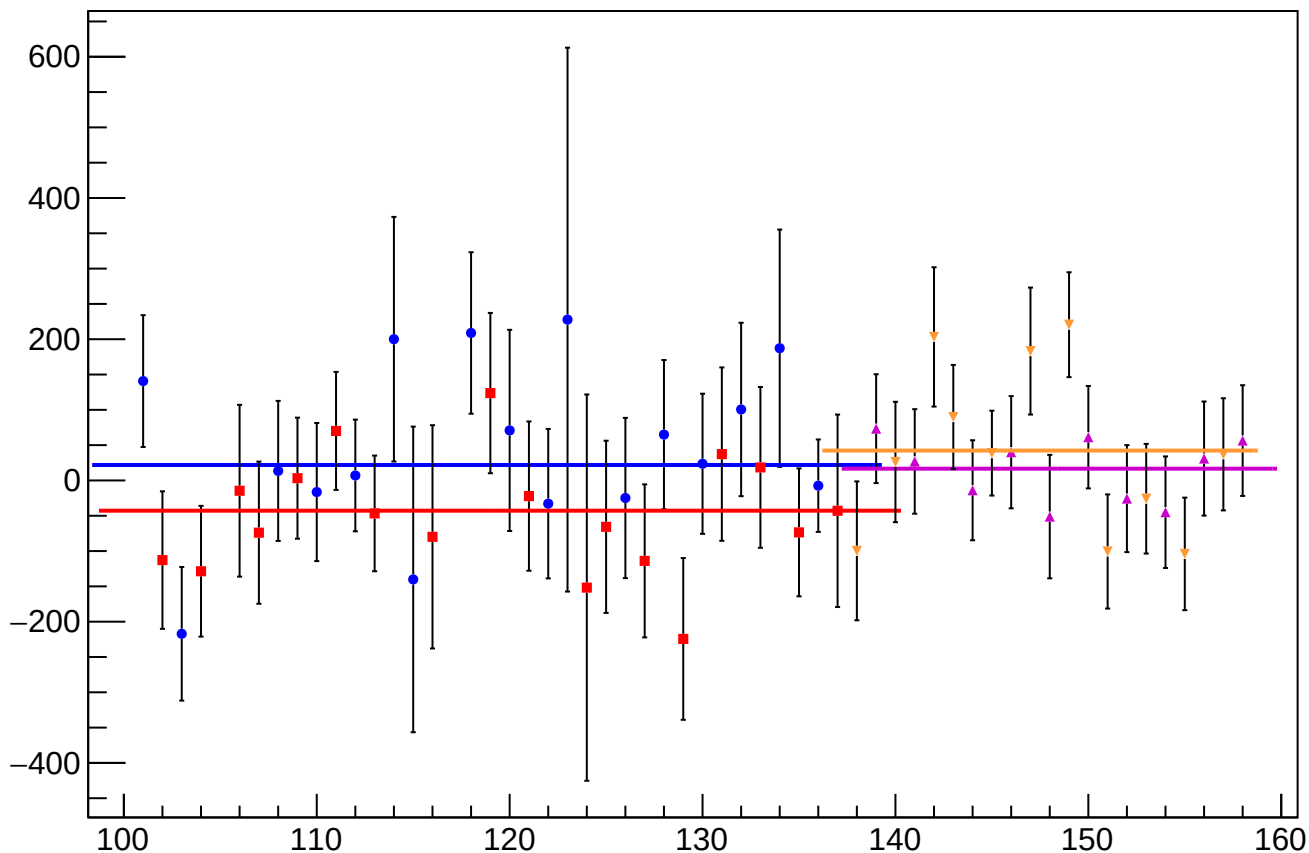
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 478.208+/-0.120 χ^2/NDF :547102.7/9

Out: 481.833+/-0.121 χ^2/NDF :624653.1/10

All: 480.001+/-0.085 χ^2/NDF : 1172206.8/20

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: 42.339 $\pm$ 23.943 χ^2 /NDF:20.7/10

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: 29.754 $\pm$ 17.090 χ^2 /NDF: 24.3/20

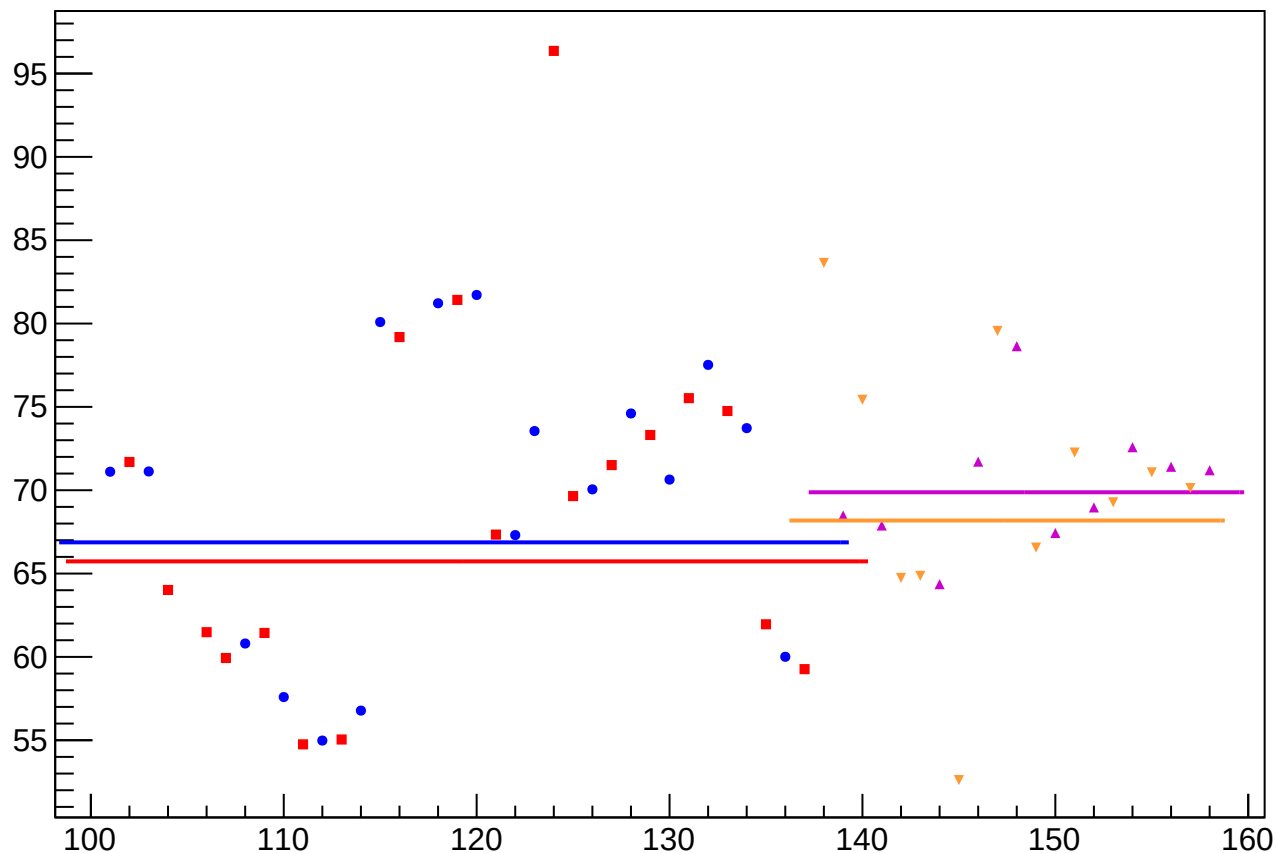
Right: -11.642 $\pm$ 18.082 χ^2 /NDF: 28.1/34

In: 19.124 $\pm$ 17.810 χ^2 /NDF:18.1/26

Out: 1.796 $\pm$ 17.330 χ^2 /NDF:36.6/28

All: 10.224 $\pm$ 12.420 χ^2 /NDF: 55.2/55

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: 68.182 $\pm$ 0.017 χ^2 /NDF: 247024.3/10

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: 69.014 $\pm$ 0.012 χ^2 /NDF: 293521.8/20

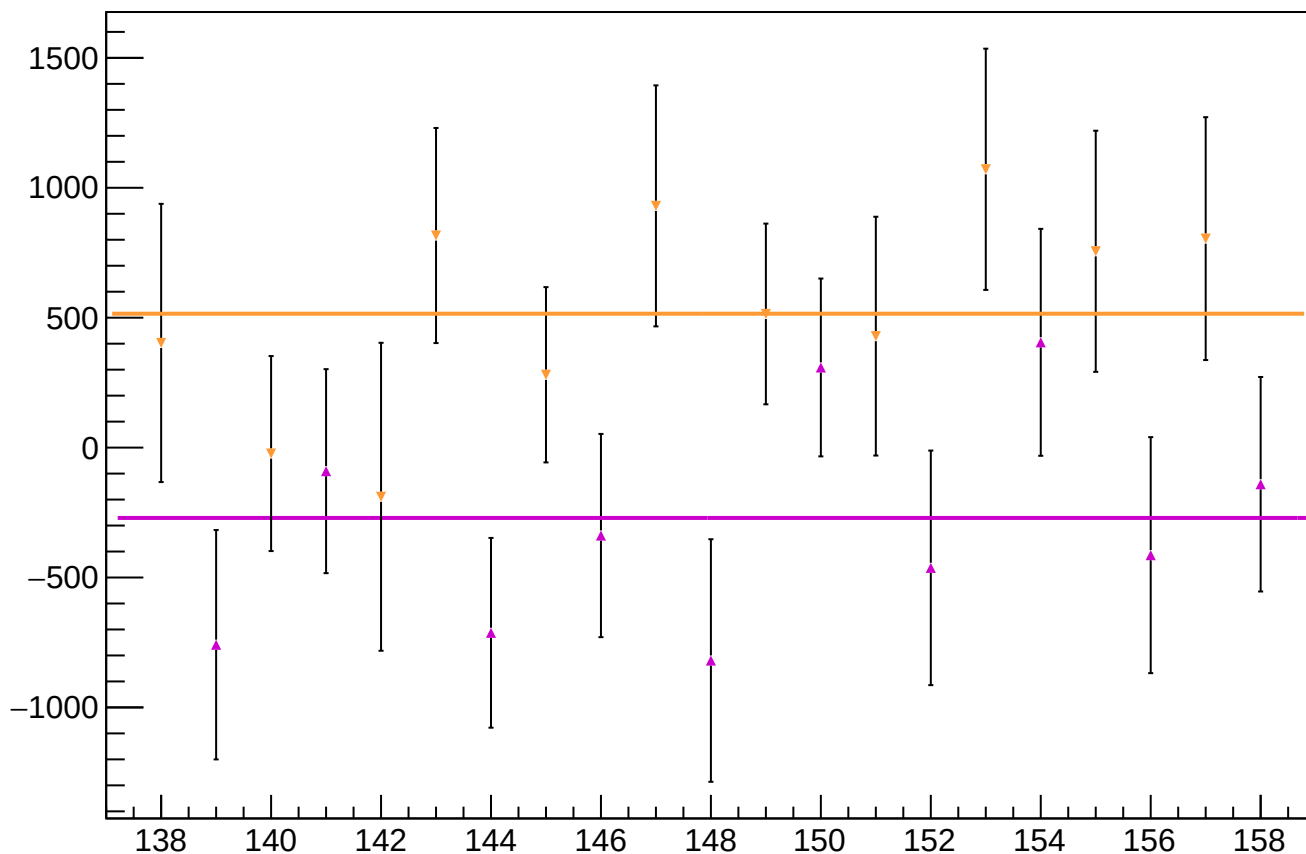
Right: 66.280 $\pm$ 0.013 χ^2 /NDF: 423373.0/34

In: 68.473 $\pm$ 0.013 χ^2 /NDF: 258269.4/26

Out: 67.015 $\pm$ 0.012 χ^2 /NDF: 475874.2/28

All: 67.724 $\pm$ 0.009 χ^2 /NDF: 741030.0/55

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: 515.385+/-129.559 χ^2/NDF : 7.4/10

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: 122.092+/-91.583 χ^2/NDF : 35.8/20

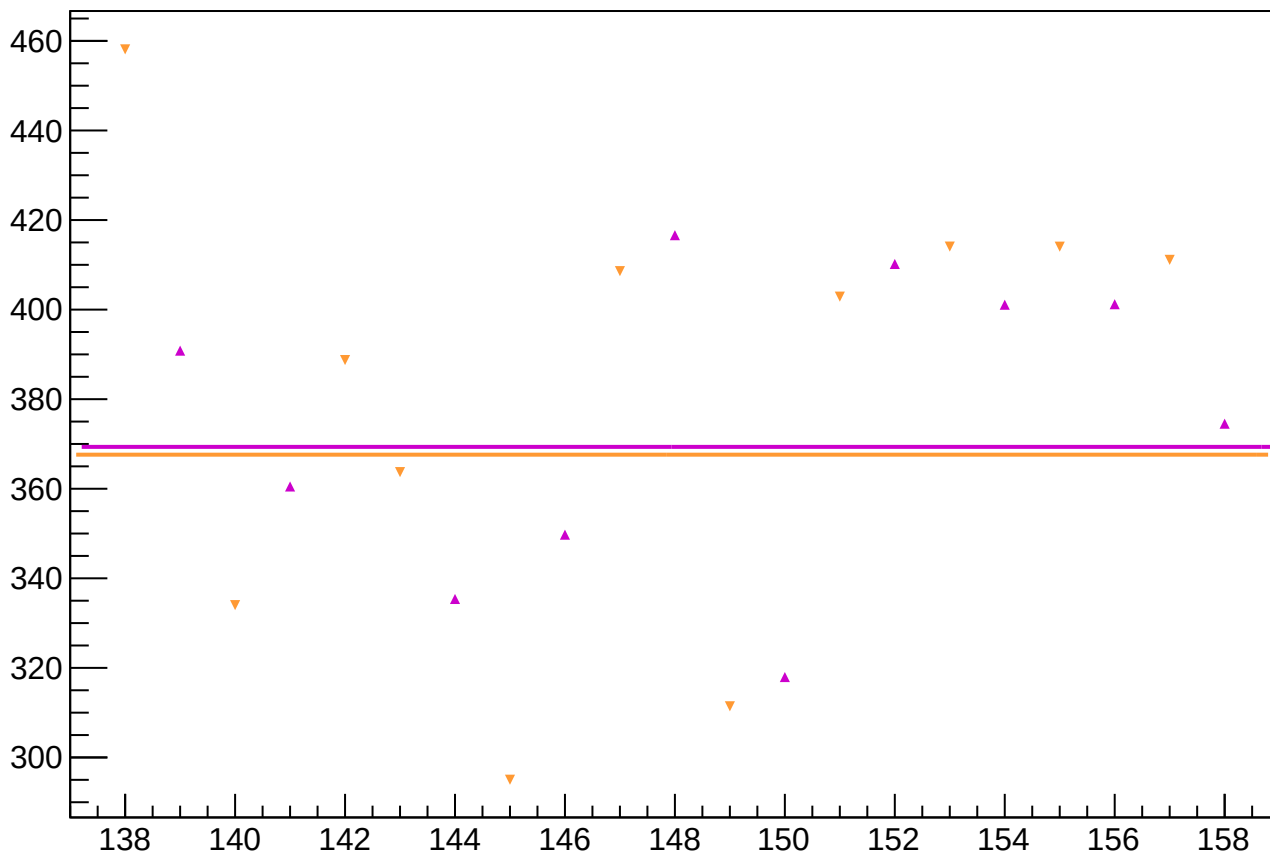
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -270.704+/-129.477 χ^2/NDF : 9.9/9

Out: 515.385+/-129.559 χ^2/NDF : 7.4/10

All: 122.092+/-91.583 χ^2/NDF : 35.8/20

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: 367.608+/-0.092 χ^2/NDF :305508.0/10

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: 368.480+/-0.065 χ^2/NDF : 436479.1/20

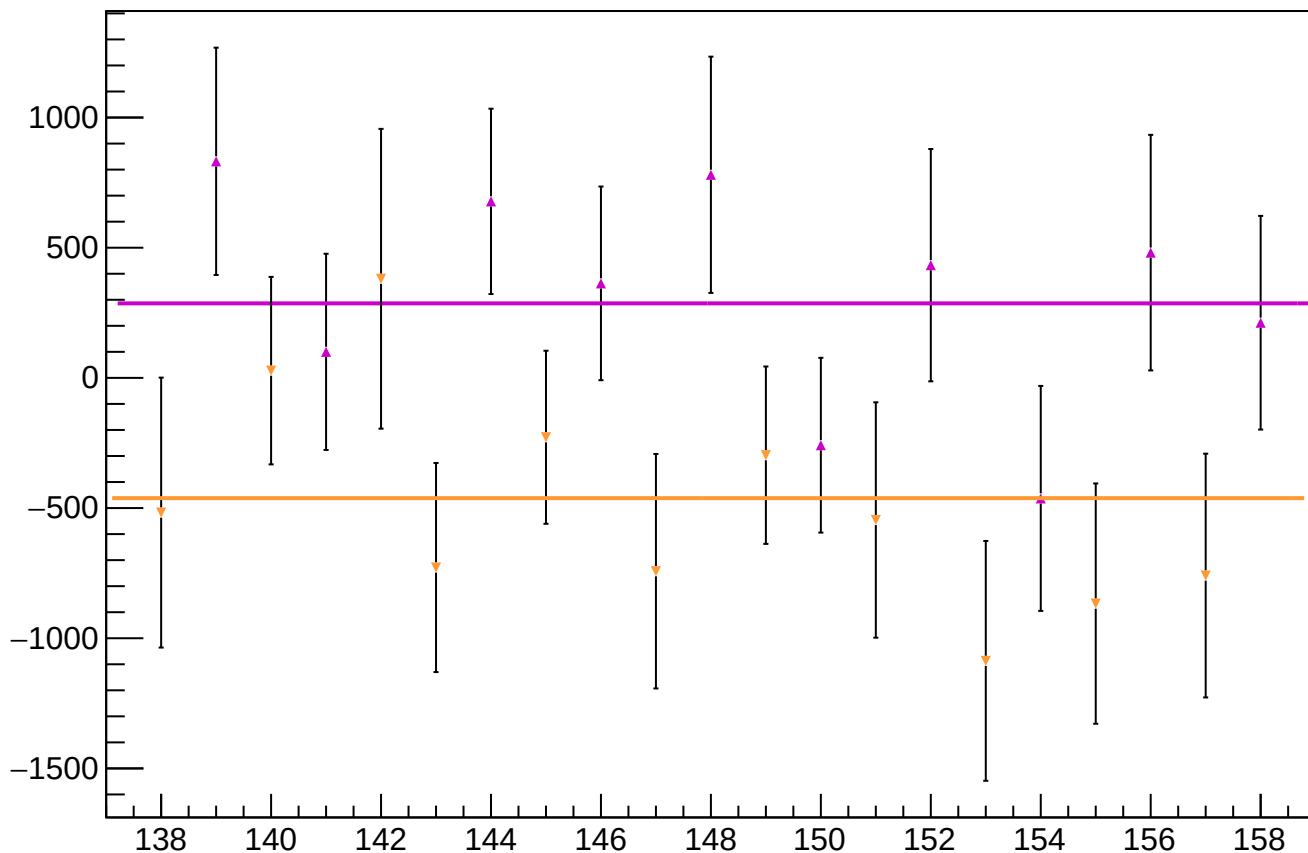
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 369.350+/-0.092 χ^2/NDF :130790.2/9

Out: 367.608+/-0.092 χ^2/NDF :305508.0/10

All: 368.480+/-0.065 χ^2/NDF : 436479.1/20

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

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: -87.168+/-89.633 χ^2/NDF : 36.2/20

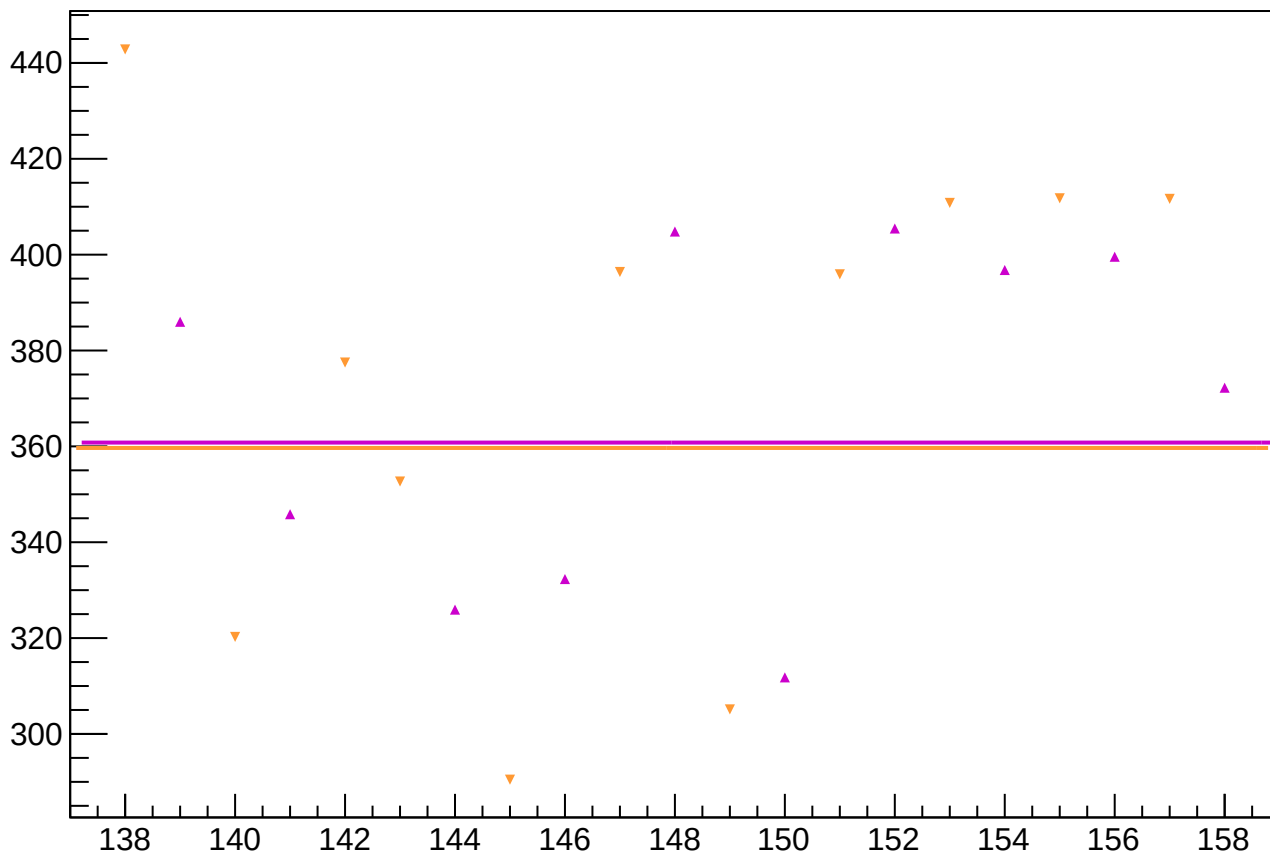
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 286.174+/-126.641 χ^2/NDF : 10.2/9

Out: -461.910+/-126.879 χ^2/NDF : 8.6/10

All: -87.168+/-89.633 χ^2/NDF : 36.2/20

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

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: 360.232+/-0.063 χ^2/NDF : 469313.4/20

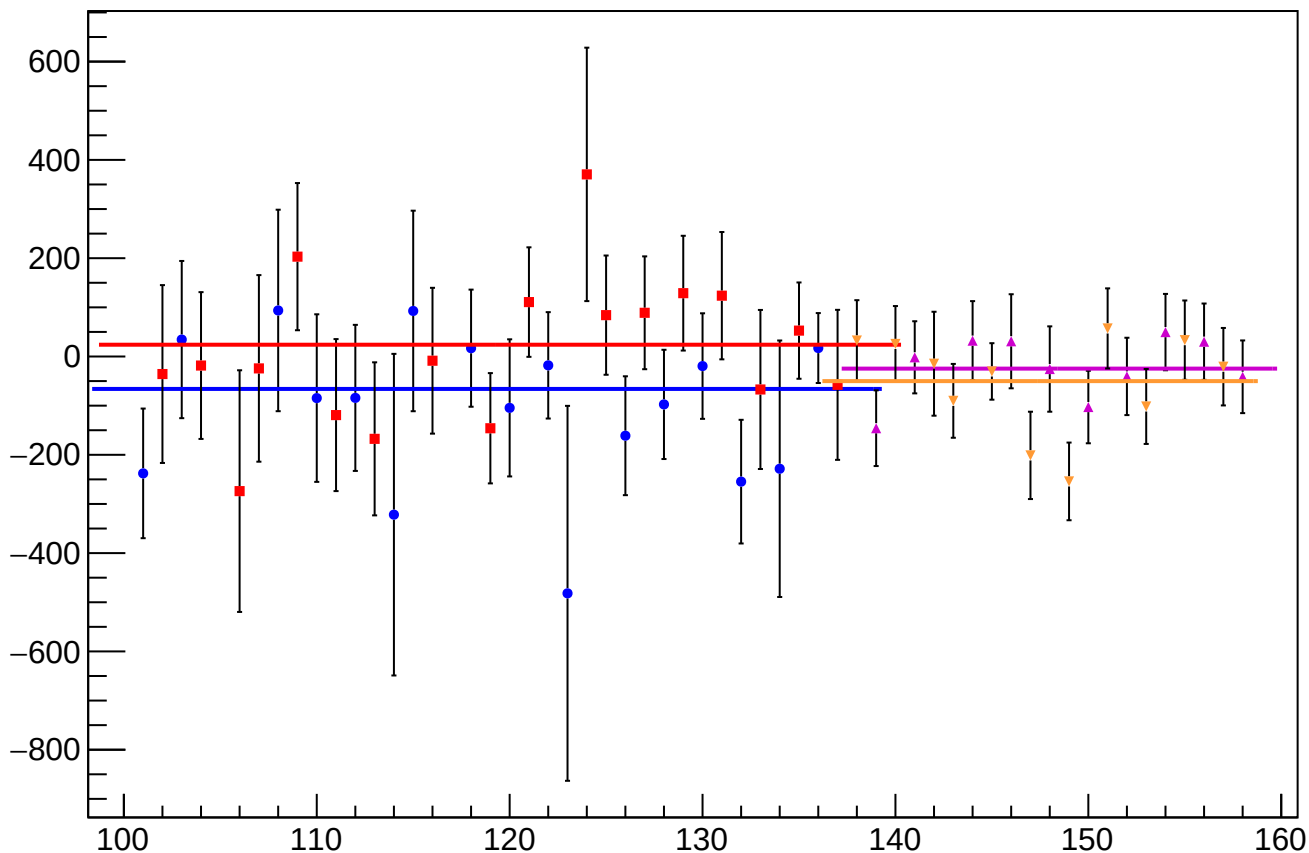
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 360.792+/-0.090 χ^2/NDF :152339.6/9

Out: 359.669+/-0.090 χ^2/NDF :316895.4/10

All: 360.232+/-0.063 χ^2/NDF : 469313.4/20

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -65.974 ± 32.289 χ^2/NDF : 10.8/16

Left Out: -50.080 ± 23.503 χ^2/NDF : 15.4/10

Right Out: 23.979 ± 32.790 χ^2/NDF : 12.9/17

Left In: -24.645 ± 24.917 χ^2/NDF : 6.0/9

Left: -38.105 ± 17.097 χ^2/NDF : 22.0/20

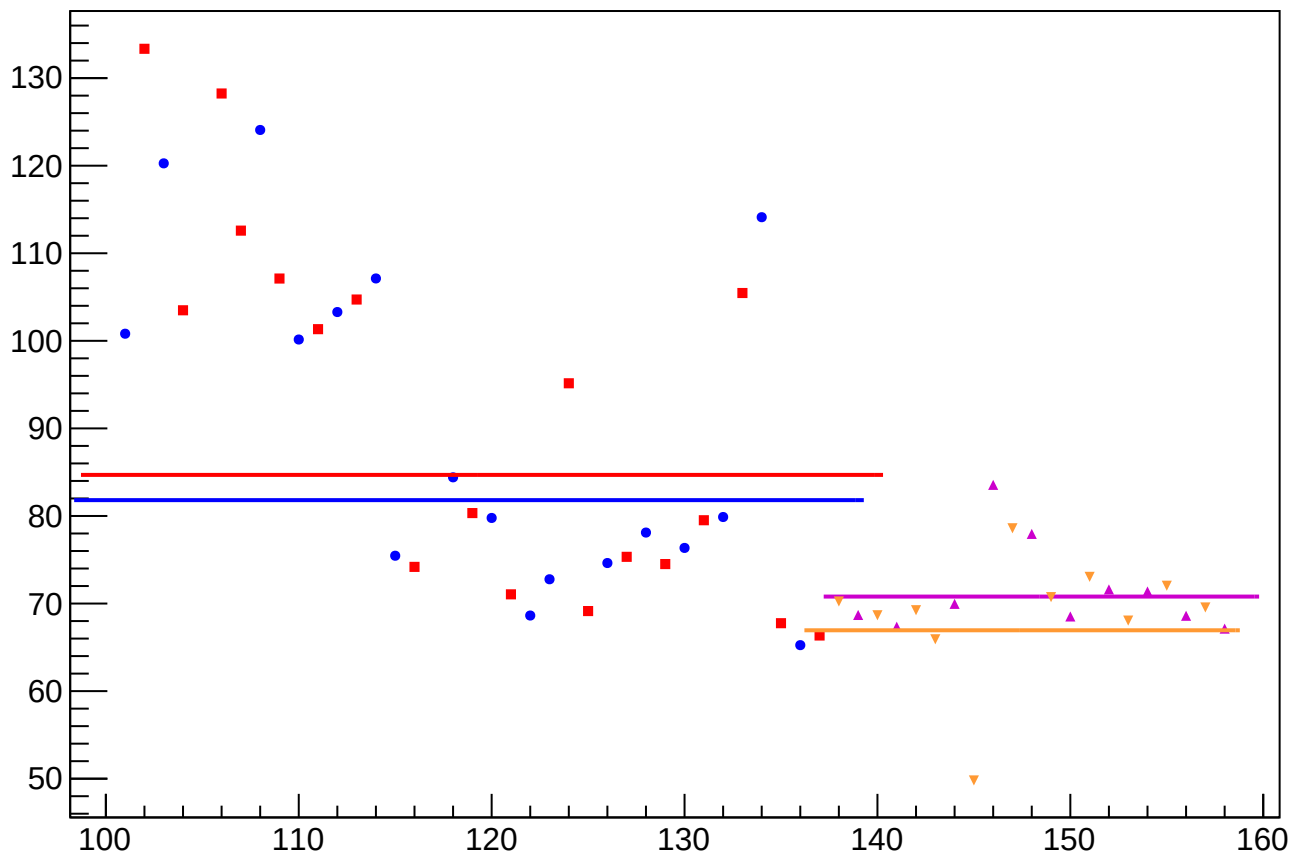
Right: -21.690 ± 23.007 χ^2/NDF : 27.5/34

In: -40.071 ± 19.726 χ^2/NDF : 17.8/26

Out: -24.945 ± 19.103 χ^2/NDF : 31.8/28

All: -32.265 ± 13.723 χ^2/NDF : 49.9/55

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: 66.947 $\pm$ 0.017 χ^2/NDF :244363.6/10

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: 68.759 $\pm$ 0.012 χ^2/NDF : 333590.5/20

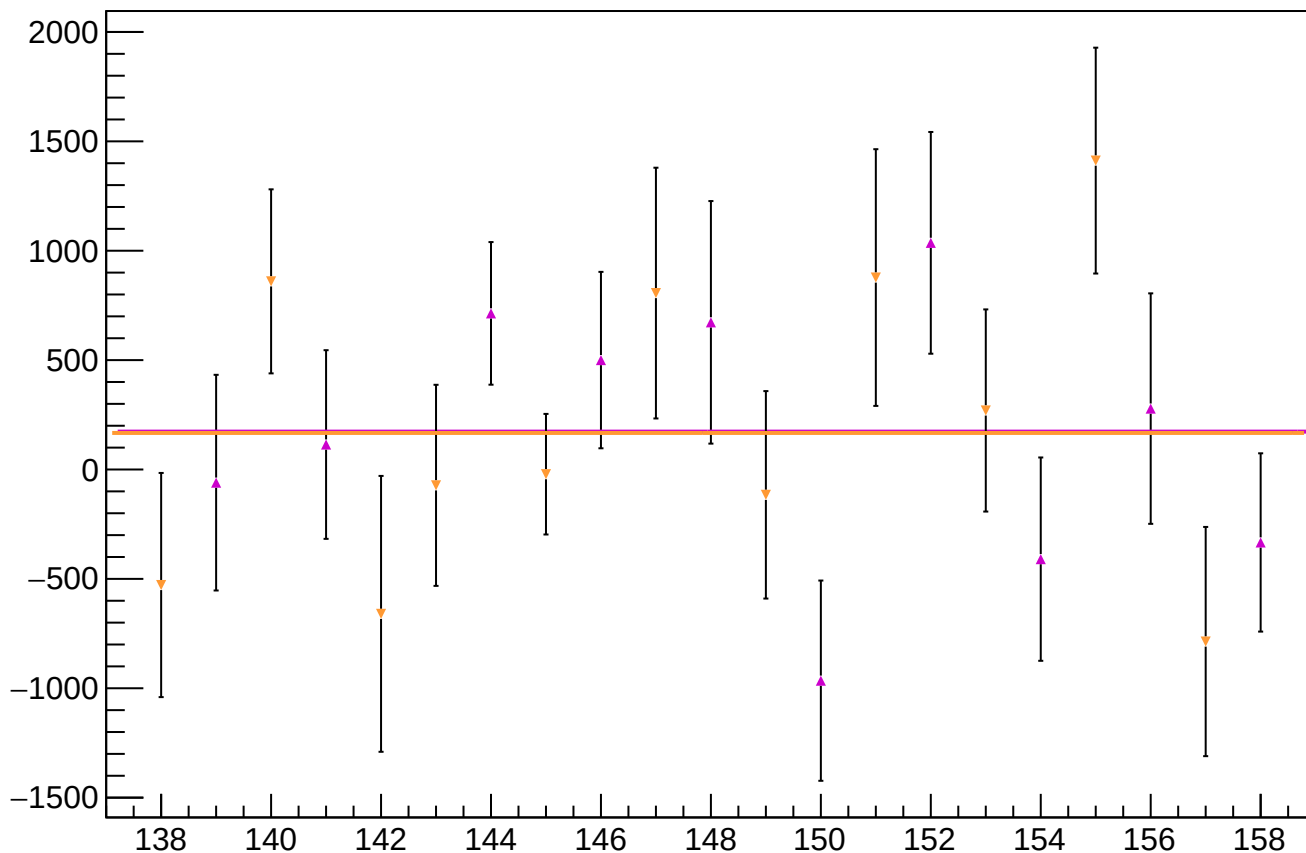
Right: 83.228 $\pm$ 0.016 χ^2/NDF : 1130968.2/34

In: 74.907 $\pm$ 0.014 χ^2/NDF :716965.4/26

Out: 72.969 $\pm$ 0.014 χ^2/NDF :1247190.1/28

All: 73.907 $\pm$ 0.010 χ^2/NDF : 1974112.1/55

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: 167.090+/-138.204 χ^2/NDF :19.3/10

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: 170.075+/-98.253 χ^2/NDF : 36.0/20

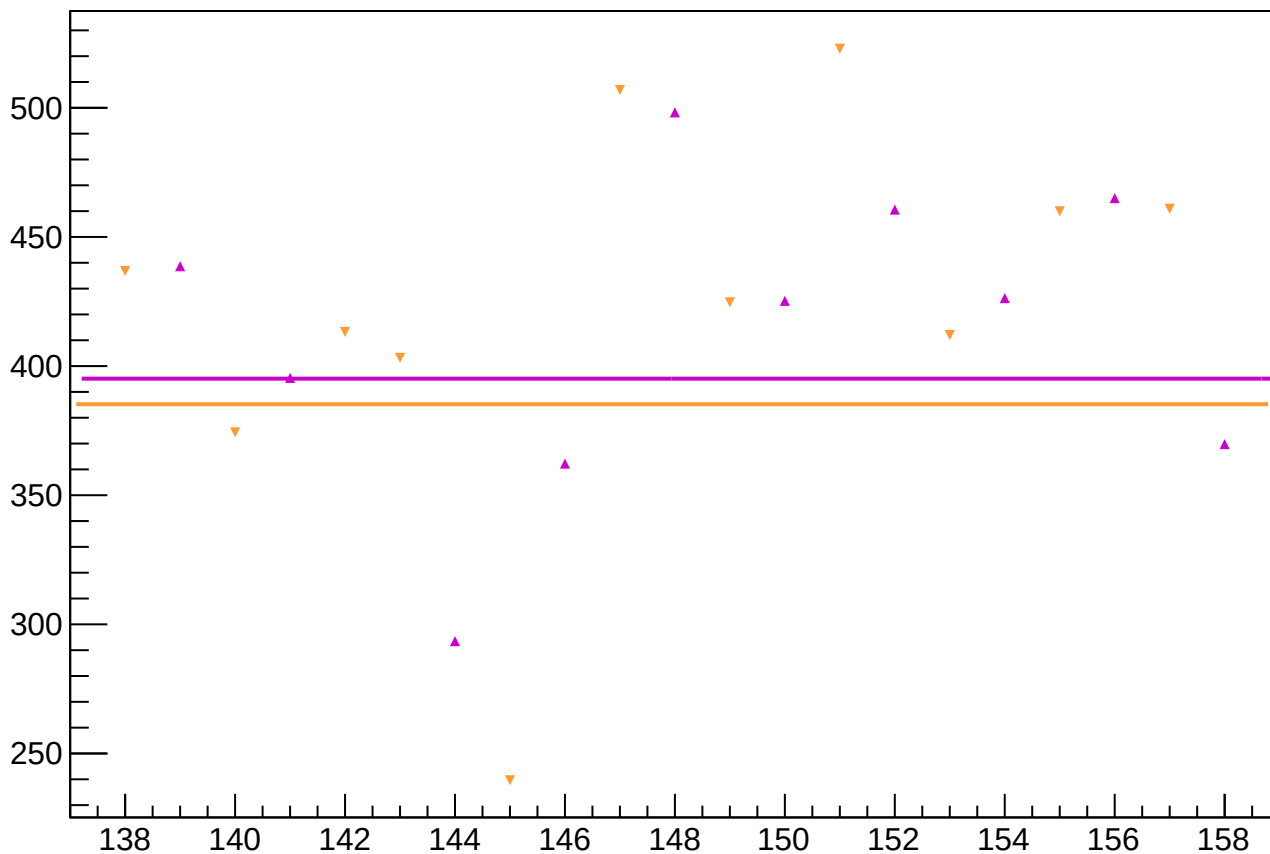
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 173.125+/-139.709 χ^2/NDF :16.7/9

Out: 167.090+/-138.204 χ^2/NDF :19.3/10

All: 170.075+/-98.253 χ^2/NDF : 36.0/20

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: 385.238+/-0.098 χ^2/NDF : 891358.6/10

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: 390.132+/-0.069 χ^2/NDF : 1282960.7/20

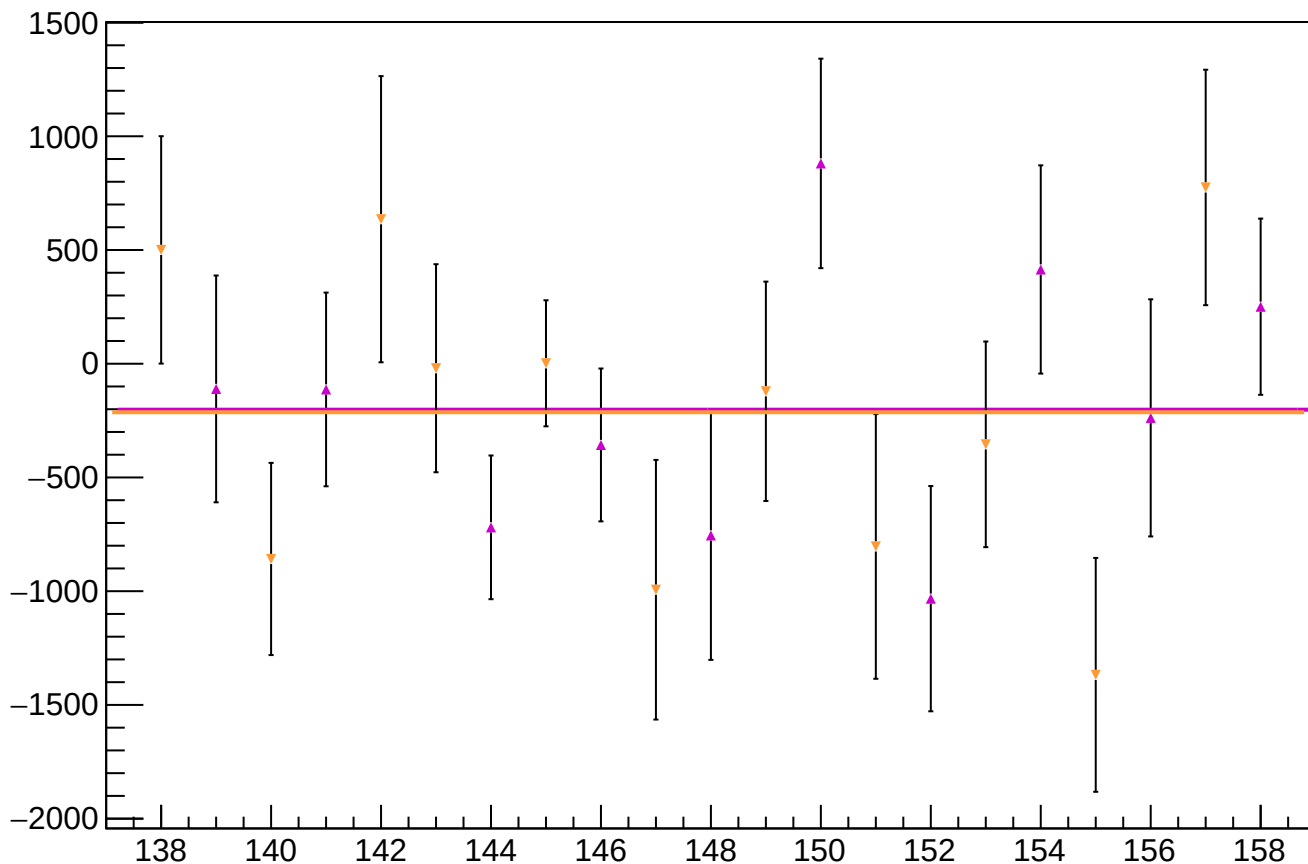
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 395.133+/-0.099 χ^2/NDF : 386531.7/9

Out: 385.238+/-0.098 χ^2/NDF : 891358.6/10

All: 390.132+/-0.069 χ^2/NDF : 1282960.7/20

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -213.237+/-137.789 χ^2/NDF :18.7/10

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: -207.485+/-96.073 χ^2/NDF : 34.2/20

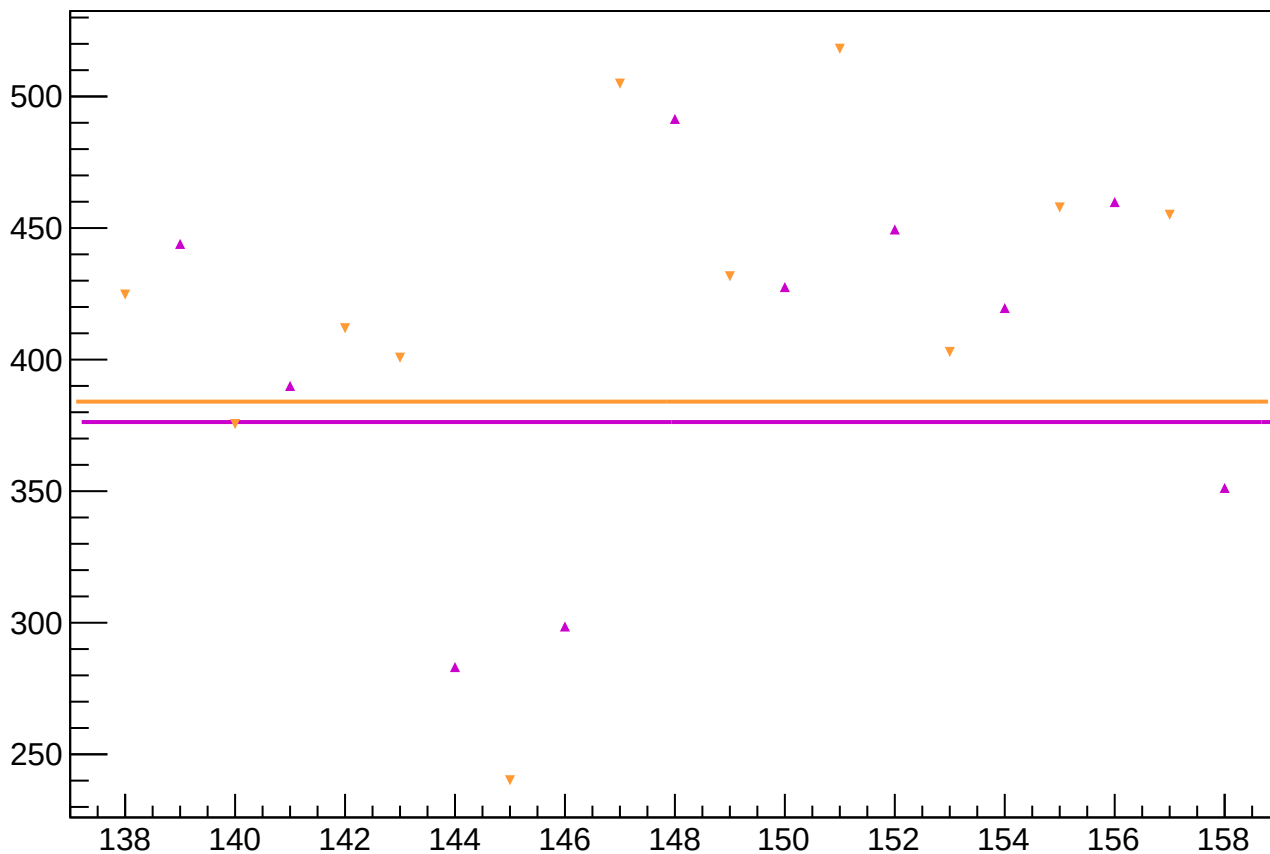
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -202.044+/-134.024 χ^2/NDF :15.5/9

Out: -213.237+/-137.789 χ^2/NDF :18.7/10

All: -207.485+/-96.073 χ^2/NDF : 34.2/20

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 384.037+/-0.097 χ^2/NDF : 857754.9/10

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: 380.047+/-0.068 χ^2/NDF : 1415561.4/20

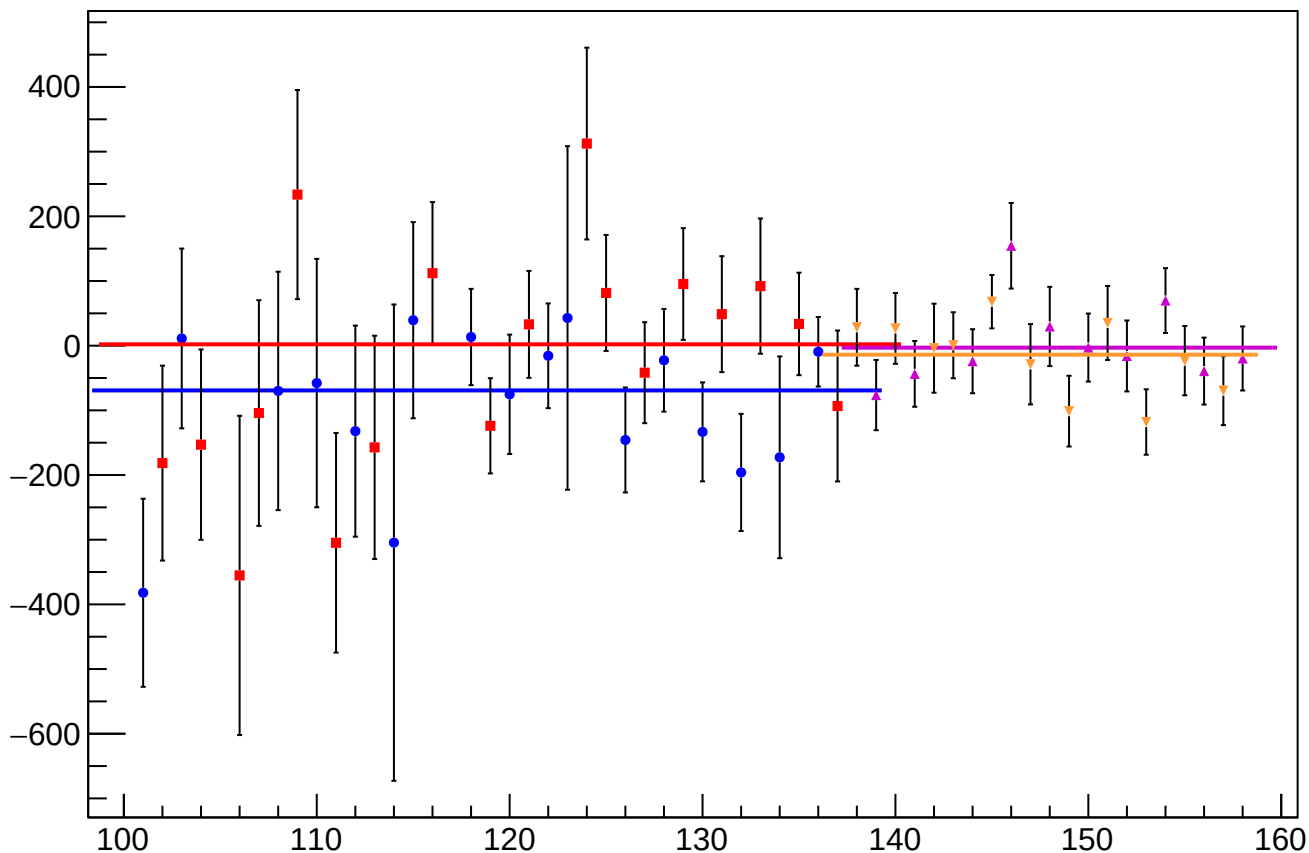
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 376.272+/-0.095 χ^2/NDF : 554542.9/9

Out: 384.037+/-0.097 χ^2/NDF : 857754.9/10

All: 380.047+/-0.068 χ^2/NDF : 1415561.4/20

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -69.188 ± 24.260 $\chi^2/\text{NDF}: 13.5/16$

Left Out: -13.942 ± 16.240 $\chi^2/\text{NDF}: 13.8/10$

Right Out: 2.082 ± 25.187 $\chi^2/\text{NDF}: 23.8/17$

Left In: -3.050 ± 16.897 $\chi^2/\text{NDF}: 11.4/9$

Left: -8.712 ± 11.709 $\chi^2/\text{NDF}: 25.4/20$

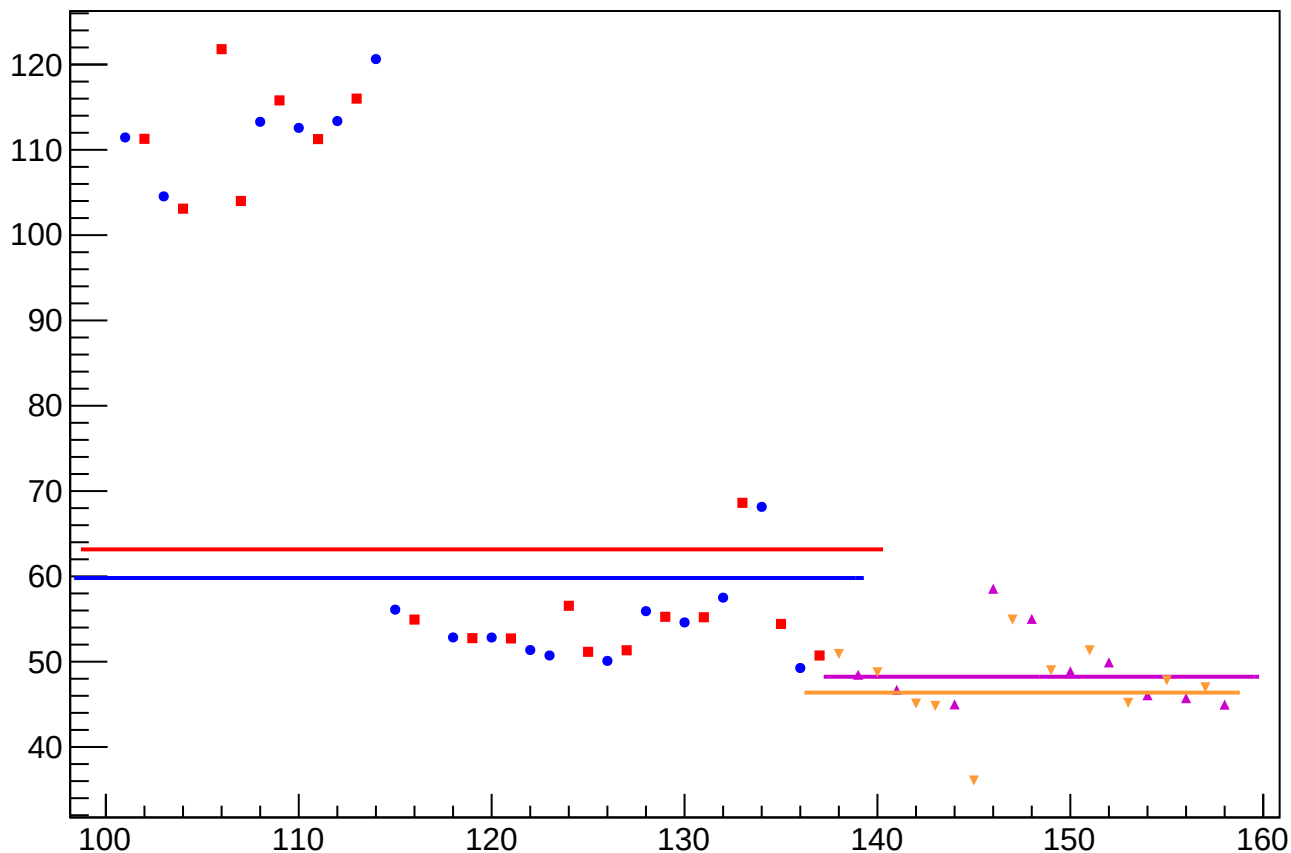
Right: -34.889 ± 17.473 $\chi^2/\text{NDF}: 41.4/34$

In: -24.654 ± 13.866 $\chi^2/\text{NDF}: 29.8/26$

Out: -9.237 ± 13.649 $\chi^2/\text{NDF}: 37.9/28$

All: -16.824 ± 9.727 $\chi^2/\text{NDF}: 68.3/55$

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: 46.377+/-0.011 χ^2/NDF :203311.7/10

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: 47.268+/-0.008 χ^2/NDF : 318758.6/20

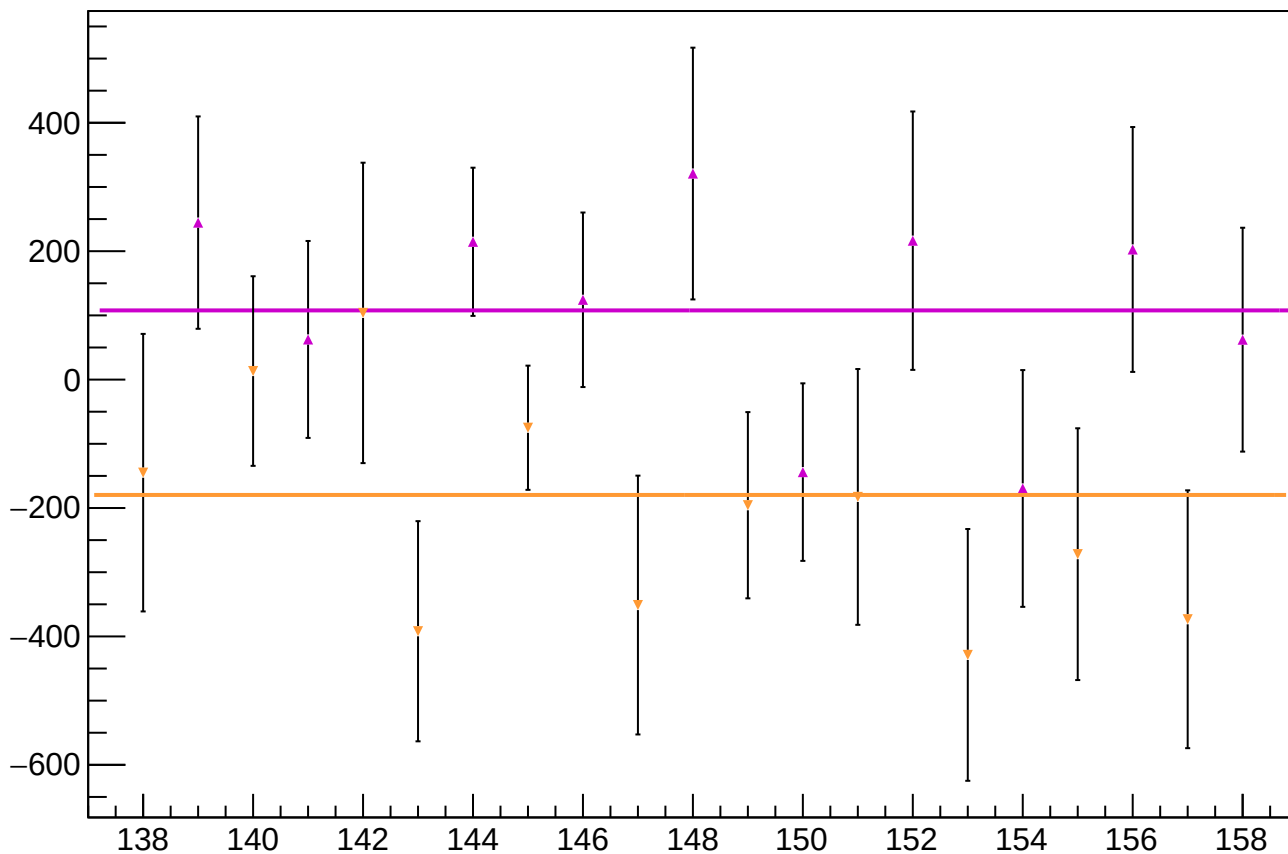
Right: 61.424+/-0.012 χ^2/NDF : 2635717.1/34

In: 52.014+/-0.010 χ^2/NDF :1639543.5/26

Out: 51.307+/-0.010 χ^2/NDF :2218291.5/28

All: 51.655+/-0.007 χ^2/NDF : 3860474.2/55

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: -179.648+/-49.961 χ^2/NDF : 9.4/10

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: -35.840+/-35.316 χ^2/NDF : 35.0/20

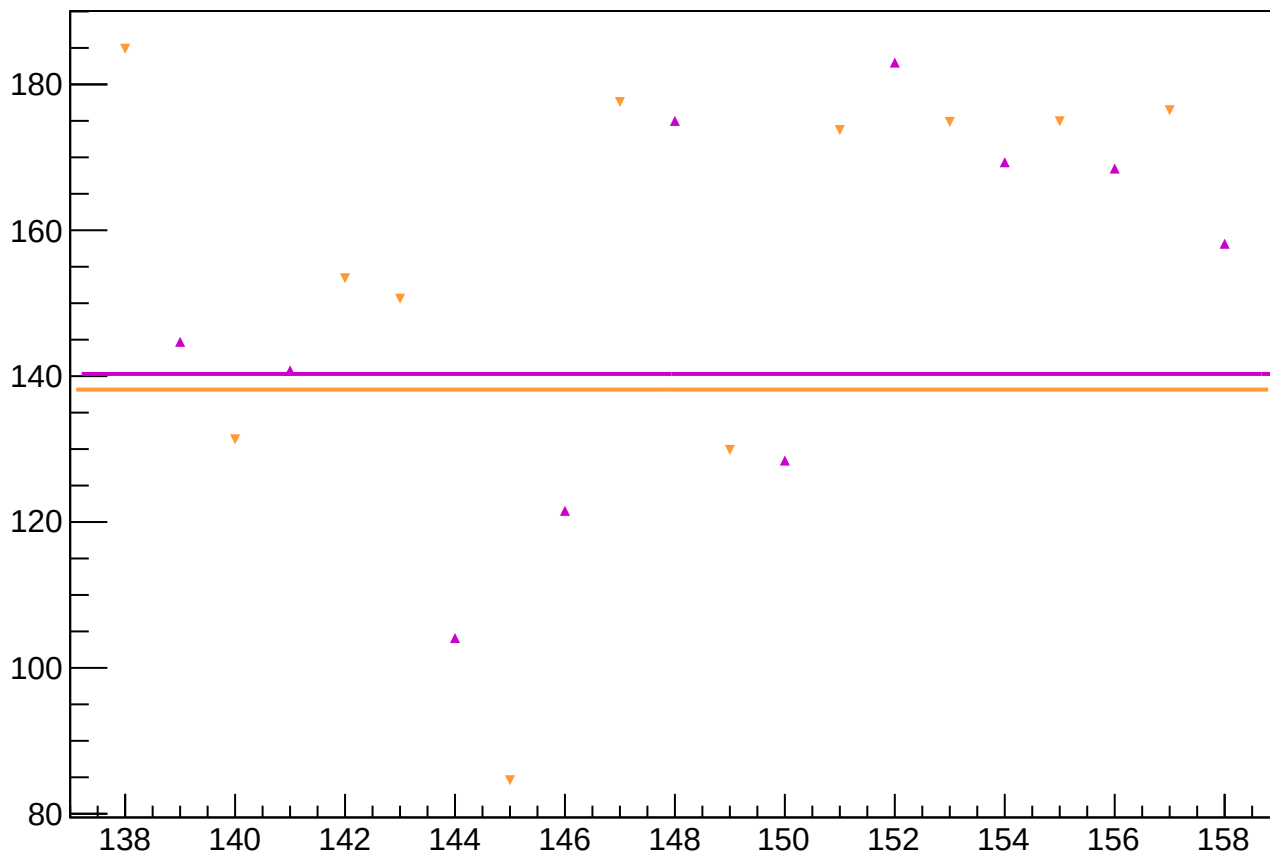
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 107.774+/-49.927 χ^2/NDF : 9.0/9

Out: -179.648+/-49.961 χ^2/NDF : 9.4/10

All: -35.840+/-35.316 χ^2/NDF : 35.0/20

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: 138.155+/-0.035 χ^2/NDF :1090181.4/10

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: 139.229+/-0.025 χ^2/NDF : 1610060.7/20

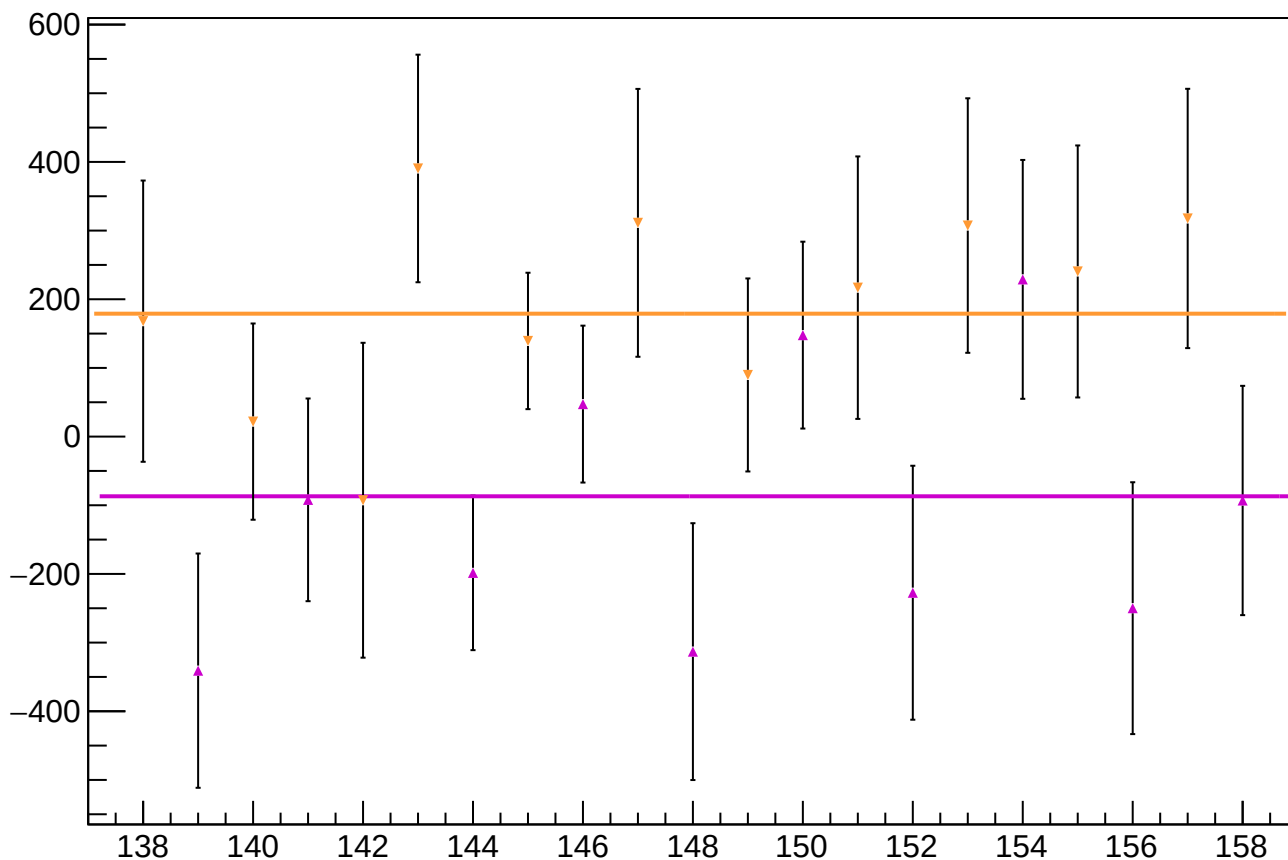
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 140.302+/-0.035 χ^2/NDF :518030.8/9

Out: 138.155+/-0.035 χ^2/NDF :1090181.4/10

All: 139.229+/-0.025 χ^2/NDF : 1610060.7/20

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 178.993 $\pm$ 48.751 χ^2 /NDF:6.4/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -86.937 $\pm$ 47.334 χ^2 /NDF:13.7/9

Left: 42.106 $\pm$ 33.960 χ^2 /NDF: 35.4/20

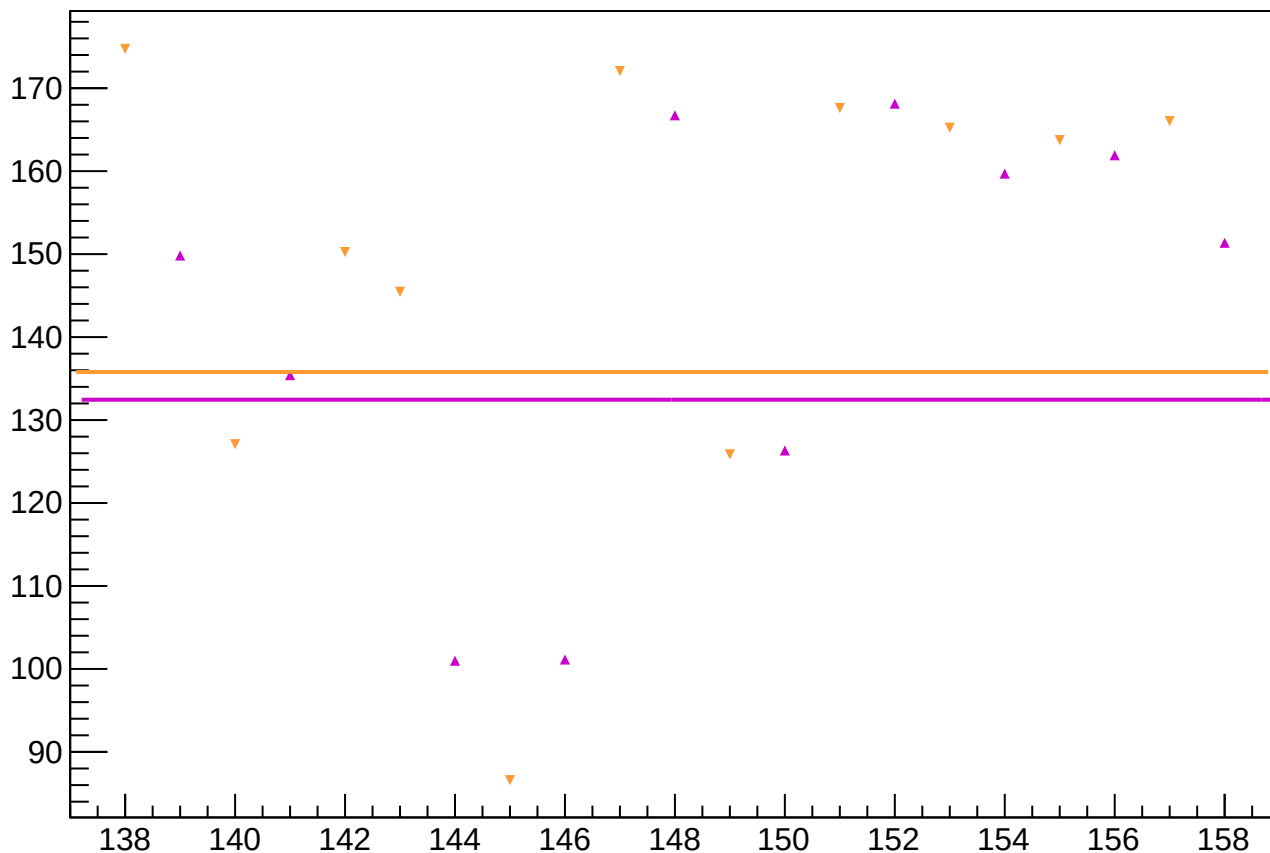
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -86.937 $\pm$ 47.334 χ^2 /NDF:13.7/9

Out: 178.993 $\pm$ 48.751 χ^2 /NDF:6.4/10

All: 42.106 $\pm$ 33.960 χ^2 /NDF: 35.4/20

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

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: 134.073+/-0.024 χ^2/NDF : 1473130.4/20

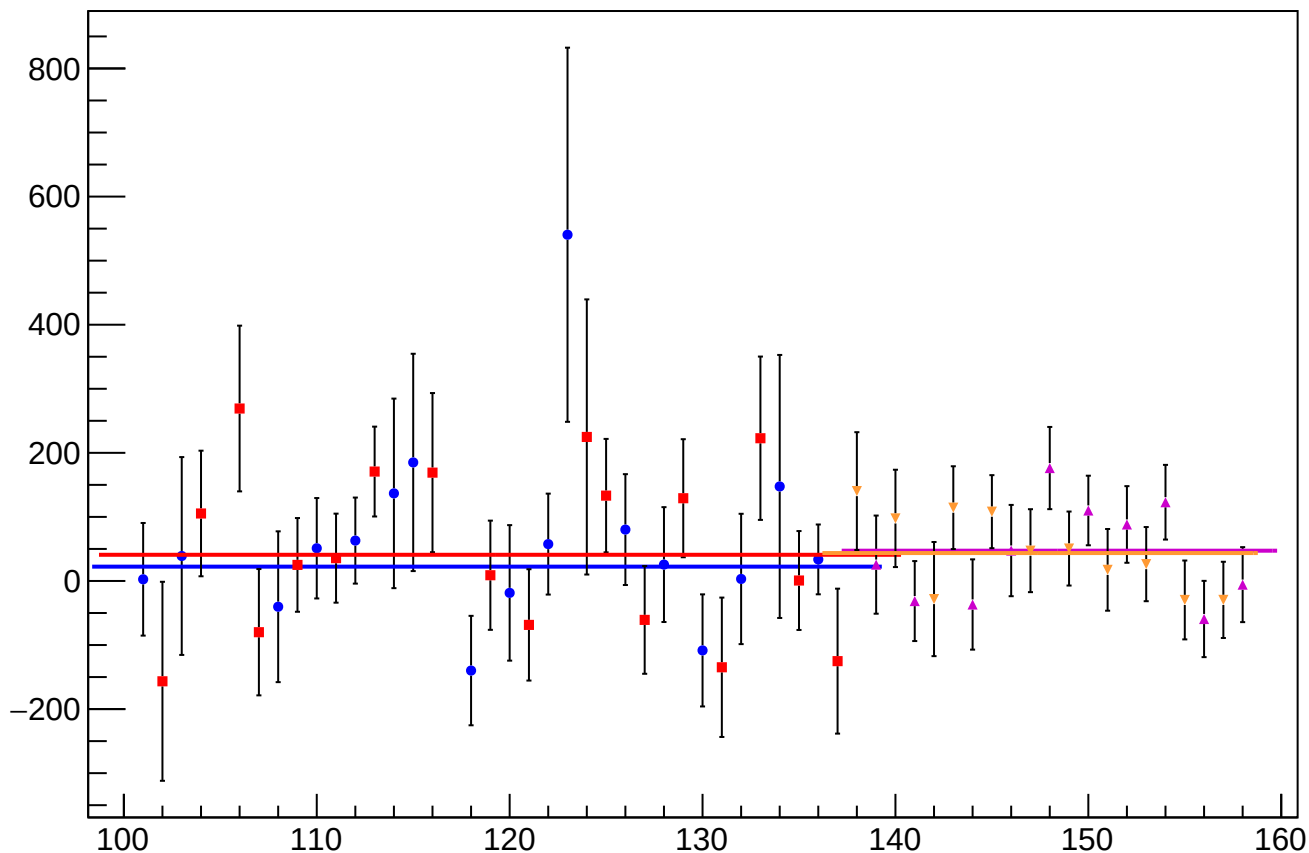
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 132.452+/-0.033 χ^2/NDF : 600176.8/9

Out: 135.792+/-0.034 χ^2/NDF : 868121.0/10

All: 134.073+/-0.024 χ^2/NDF : 1473130.4/20

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: 43.572 $\pm$ 19.635 χ^2 /NDF: 7.9/10

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: 45.399 $\pm$ 13.936 χ^2 /NDF: 22.6/20

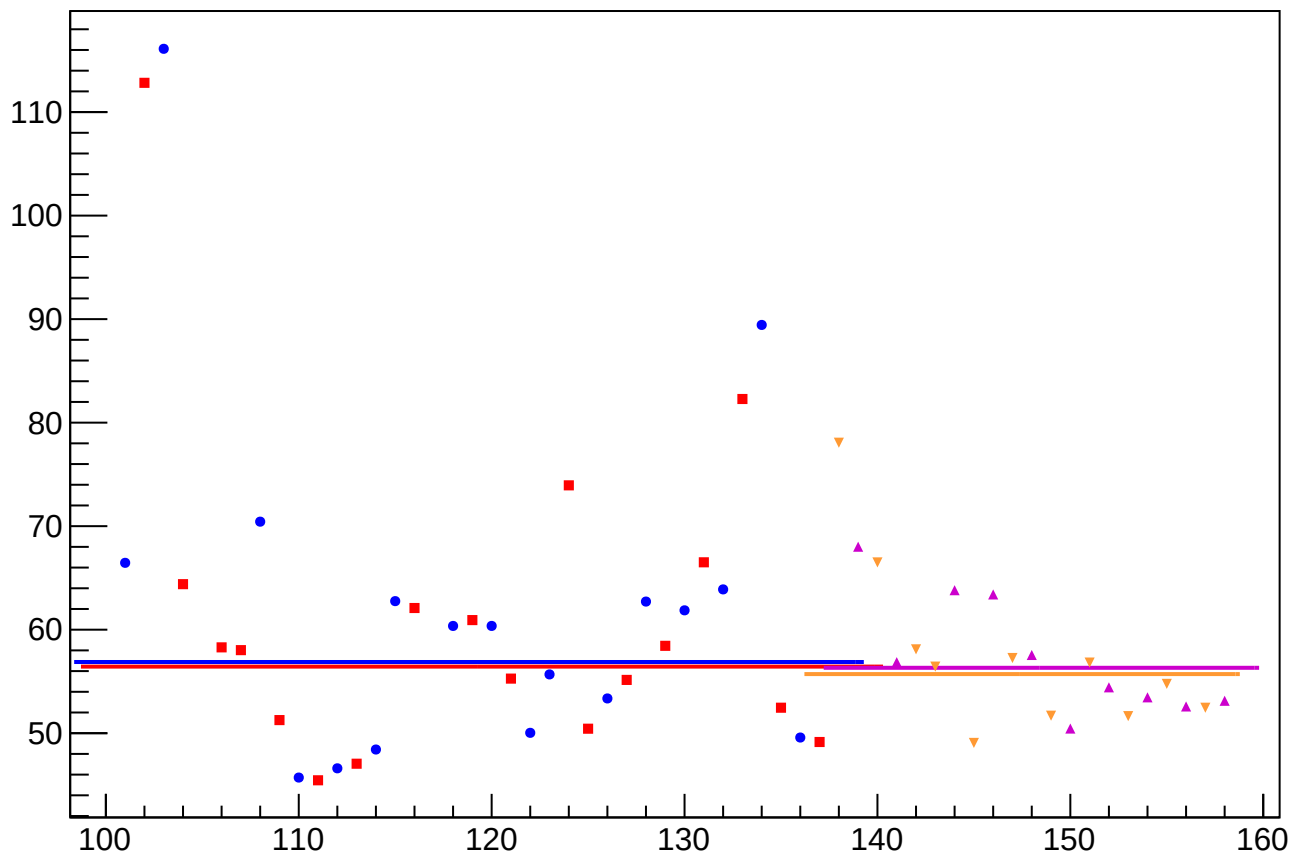
Right: 31.816 $\pm$ 15.823 χ^2 /NDF: 37.1/34

In: 36.468 $\pm$ 14.892 χ^2 /NDF: 27.9/26

Out: 42.381 $\pm$ 14.689 χ^2 /NDF: 32.2/28

All: 39.465 $\pm$ 10.458 χ^2 /NDF: 60.2/55

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: 55.711 $\pm$ 0.014 χ^2 /NDF: 215097.8/10

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: 56.013 $\pm$ 0.010 χ^2 /NDF: 349930.5/20

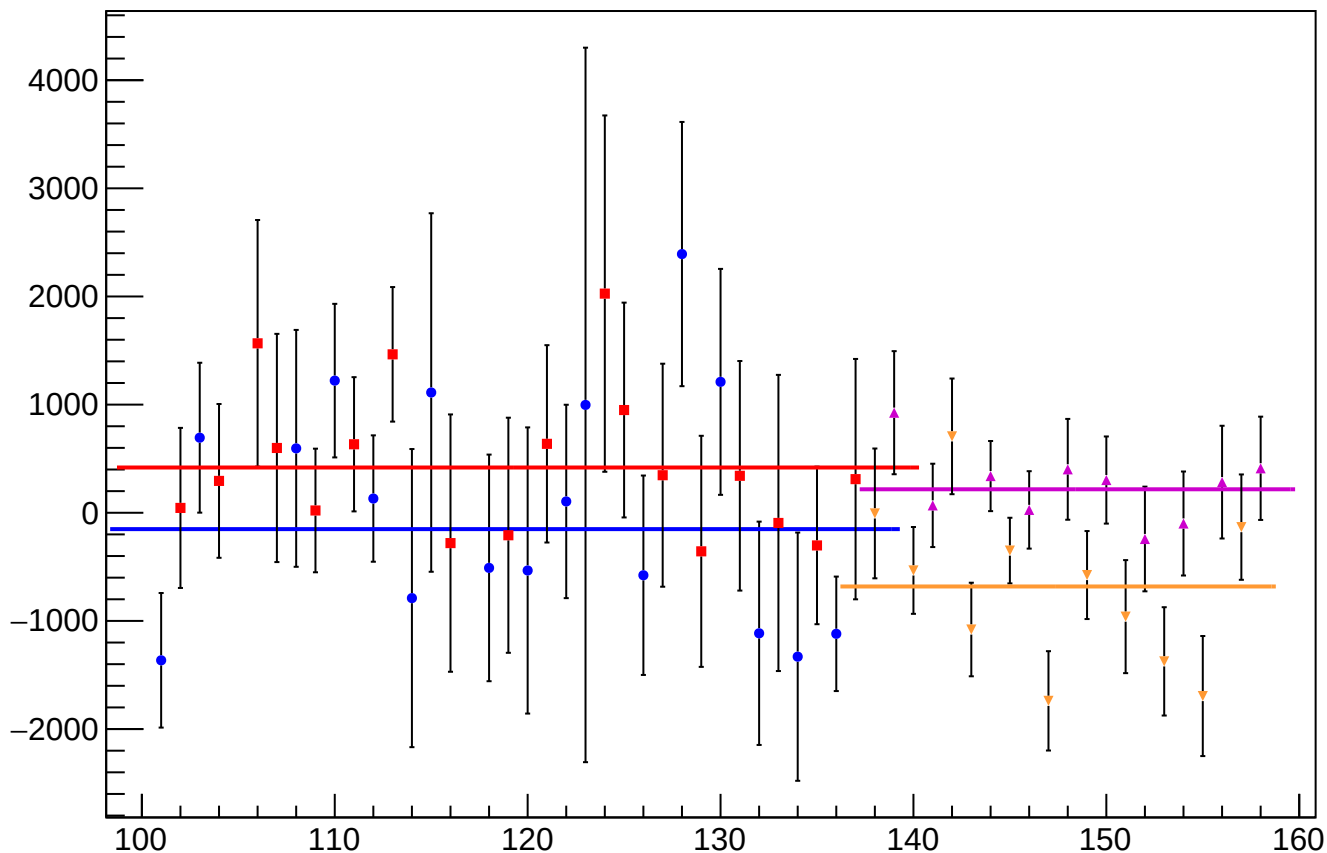
Right: 56.652 $\pm$ 0.011 χ^2 /NDF: 1096338.8/34

In: 56.561 $\pm$ 0.011 χ^2 /NDF: 710063.7/26

Out: 56.029 $\pm$ 0.010 χ^2 /NDF: 736748.9/28

All: 56.292 $\pm$ 0.007 χ^2 /NDF: 1448106.1/55

asym_sam_1357_avg_correction_mean vs Slug, Sign Corrected



Right In: -151.194+/-212.448 χ^2/NDF : 22.4/16

Left Out: -681.578+/-135.365 χ^2/NDF : 22.4/10

Right Out: 418.554+/-205.061 χ^2/NDF : 8.4/17

Left In: 217.103+/-135.378 χ^2/NDF : 3.8/9

Left: -232.281+/-95.722 χ^2/NDF : 48.2/20

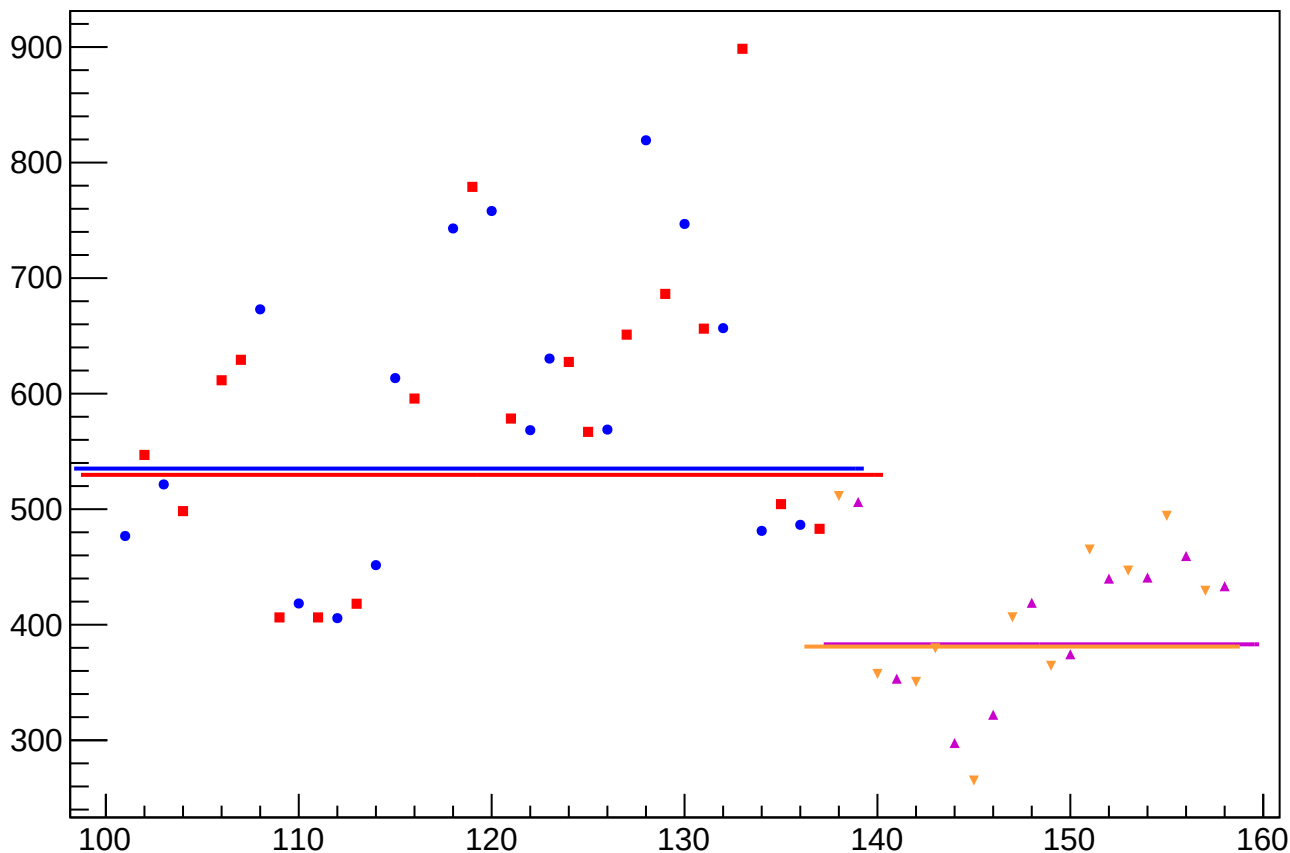
Right: 143.757+/-147.542 χ^2/NDF : 34.6/34

In: 110.742+/-114.168 χ^2/NDF : 28.4/26

Out: -347.685+/-112.970 χ^2/NDF : 50.8/28

All: -120.889+/-80.302 χ^2/NDF : 87.4/55

asym_sam_1357_avg_correction_rms vs Slug, Sign Corrected



Right In: 535.137 $\pm$ 0.150 χ^2 /NDF: 596084.8/16

Left Out: 381.084 $\pm$ 0.096 χ^2 /NDF: 598293.8/10

Right Out: 529.720 $\pm$ 0.145 χ^2 /NDF: 646725.7/17

Left In: 383.028 $\pm$ 0.096 χ^2 /NDF: 436938.4/9

Left: 382.056 $\pm$ 0.068 χ^2 /NDF: 1035438.4/20

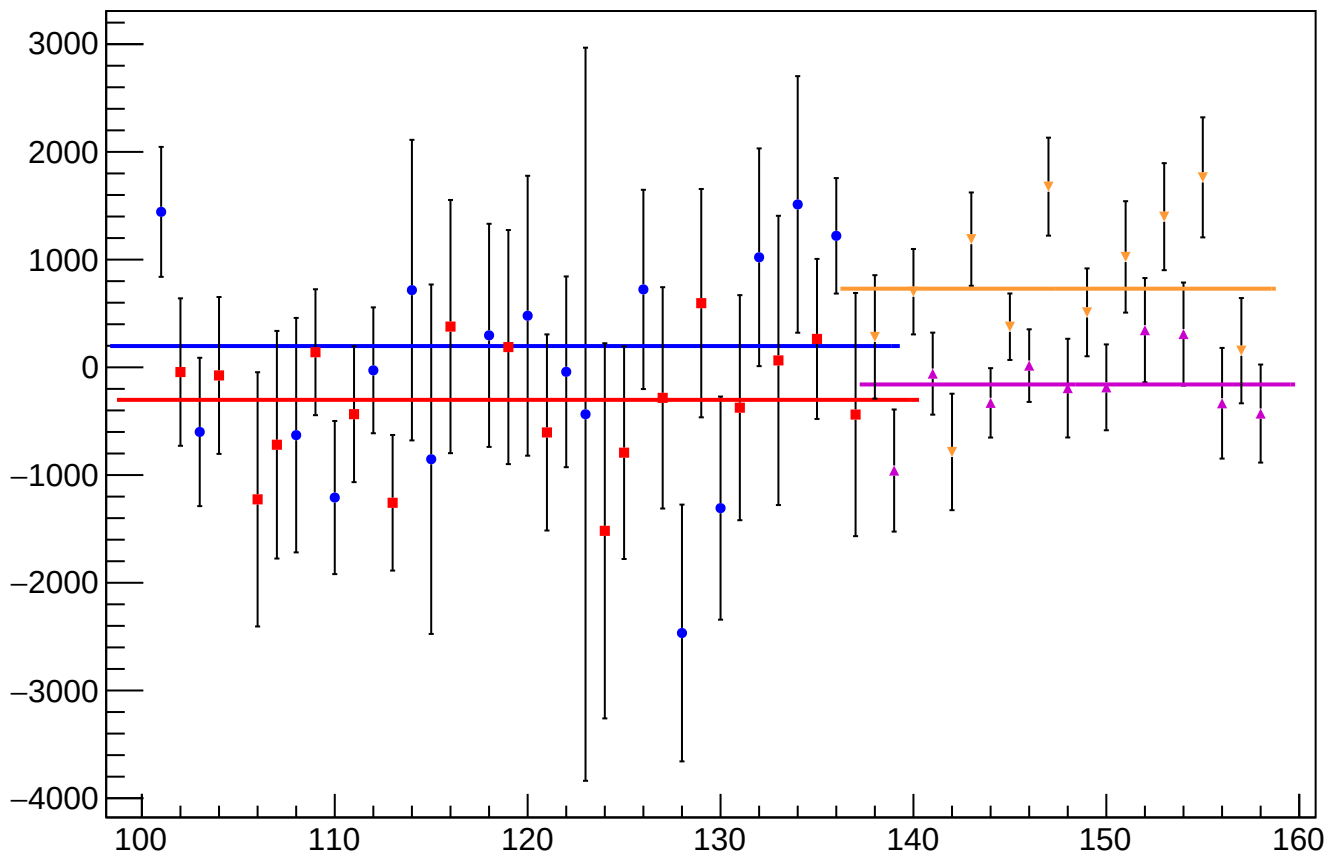
Right: 532.333 $\pm$ 0.104 χ^2 /NDF: 1243483.8/34

In: 426.956 $\pm$ 0.081 χ^2 /NDF: 1762203.4/26

Out: 426.195 $\pm$ 0.080 χ^2 /NDF: 1976881.8/28

All: 426.572 $\pm$ 0.057 χ^2 /NDF: 3739130.1/55

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 197.561 $\pm$ 211.480 χ^2/NDF : 23.9/16

Left Out: 730.153 $\pm$ 135.207 χ^2/NDF :22.5/10

Right Out: -301.856 $\pm$ 205.700 χ^2/NDF : 6.7/17

Left In: -158.921 $\pm$ 132.718 χ^2/NDF :5.1/9

Left: 277.358 $\pm$ 94.714 χ^2/NDF : 49.7/20

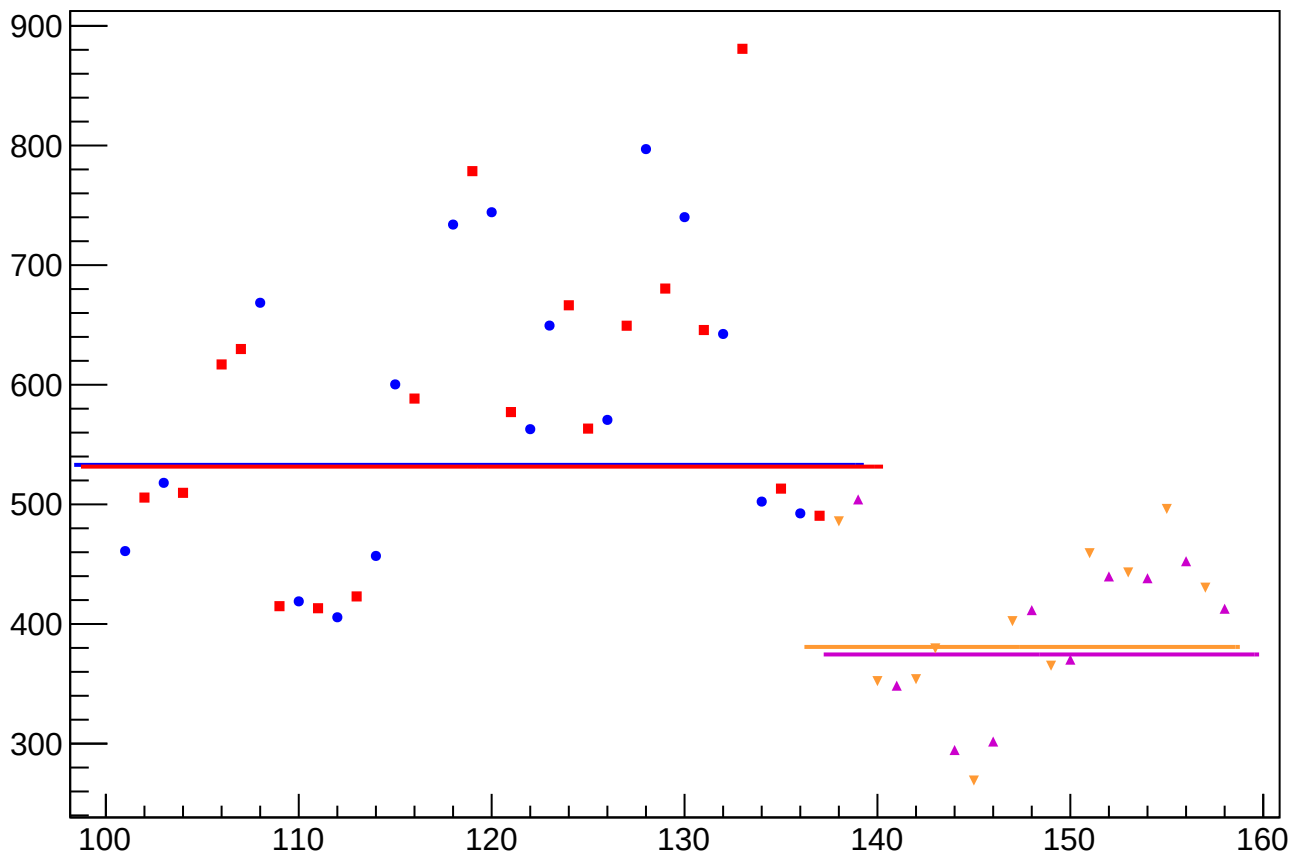
Right: -59.066 $\pm$ 147.453 χ^2/NDF : 33.5/34

In: -58.193 $\pm$ 112.415 χ^2/NDF :31.1/26

Out: 418.797 $\pm$ 112.985 χ^2/NDF :46.8/28

All: 179.095 $\pm$ 79.690 χ^2/NDF : 86.8/55

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 533.031 $\pm$ 0.150 χ^2/NDF : 566851.1/16

Left Out: 380.836 $\pm$ 0.096 χ^2/NDF : 535532.9/10

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: 377.629 $\pm$ 0.067 χ^2/NDF : 1013324.0/20

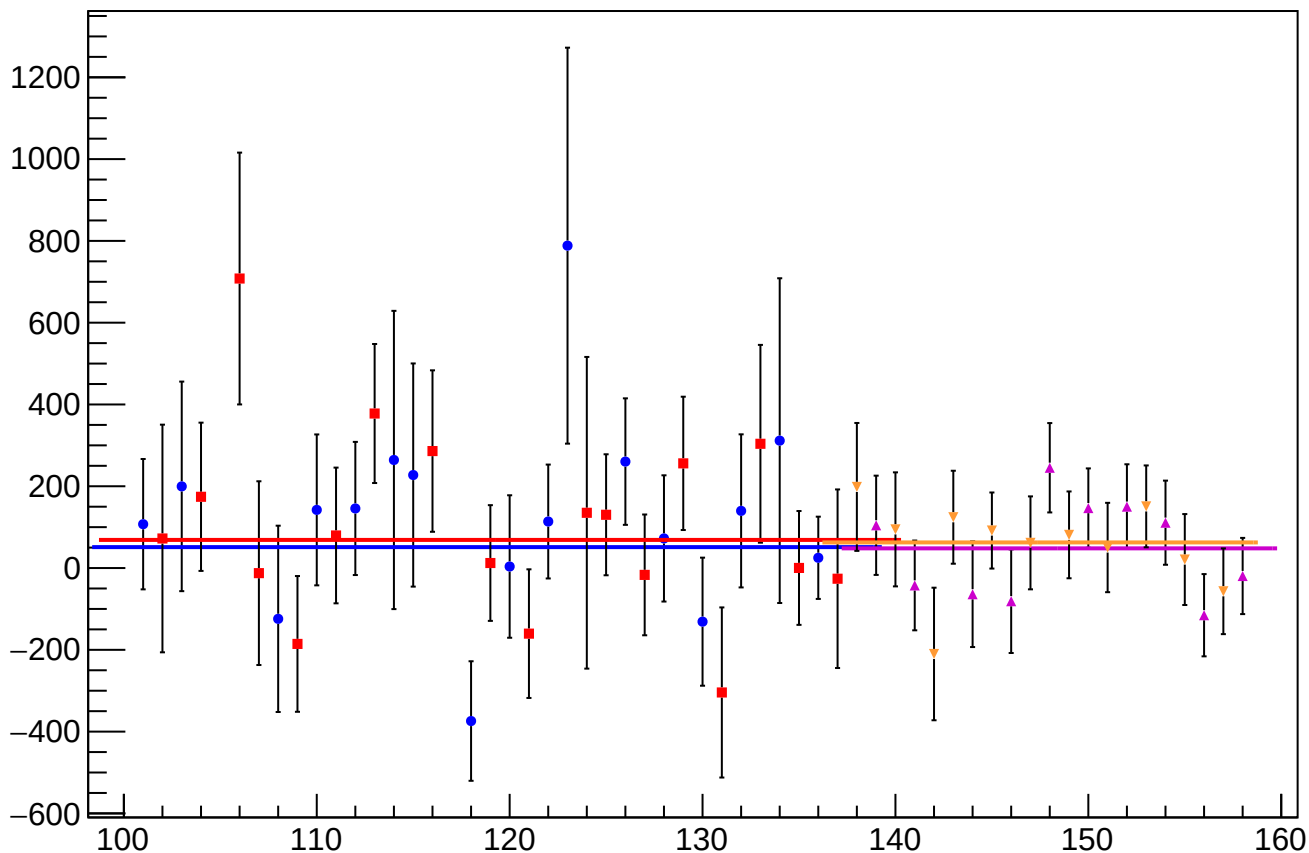
Right: 532.275 $\pm$ 0.104 χ^2/NDF : 1164821.8/34

In: 419.323 $\pm$ 0.079 χ^2/NDF : 1848348.7/26

Out: 426.309 $\pm$ 0.080 χ^2/NDF : 1883289.4/28

All: 422.798 $\pm$ 0.056 χ^2/NDF : 3735480.2/55

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: 62.636 $\pm$ 34.402 χ^2 /NDF:6.3/10

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: 55.294 $\pm$ 24.184 χ^2 /NDF: 17.9/20

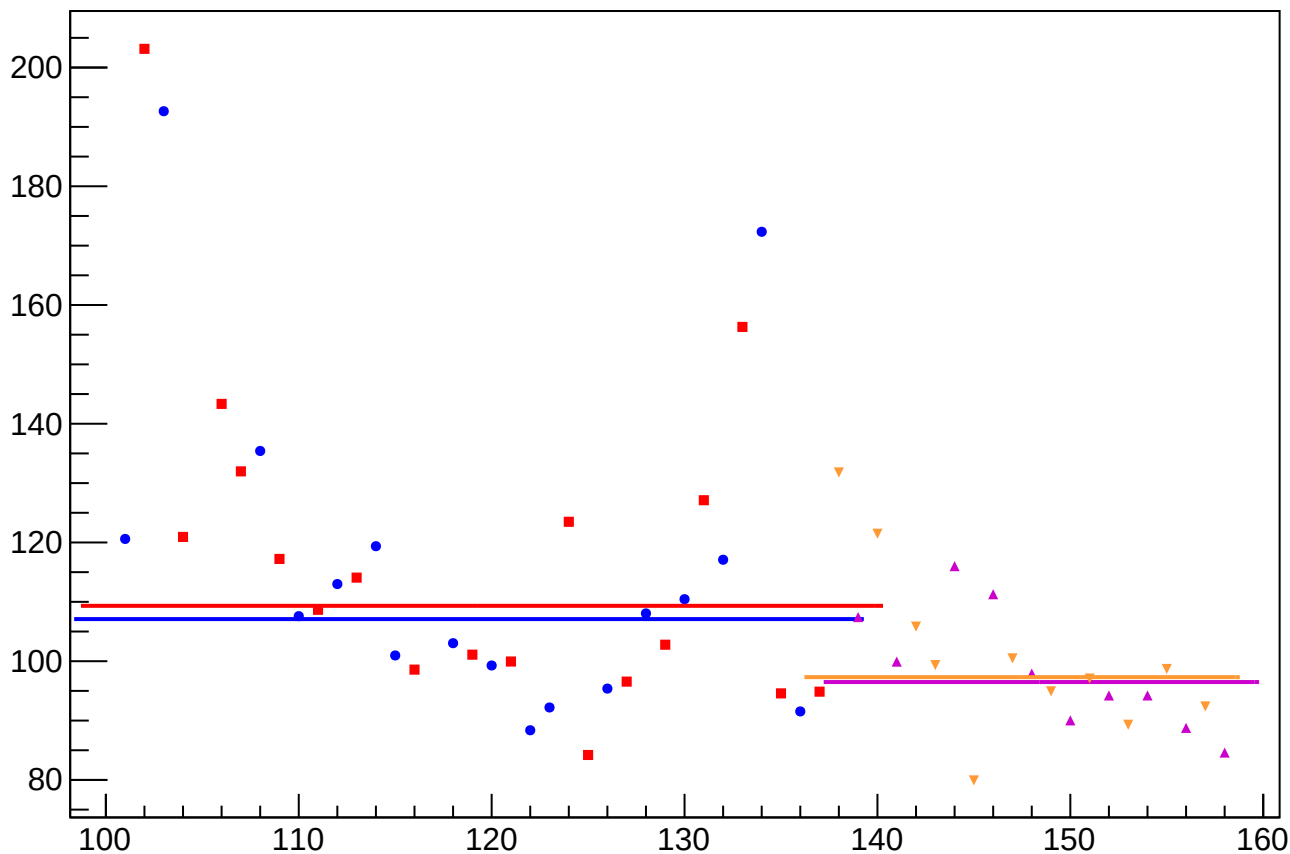
Right: 59.892 $\pm$ 30.129 χ^2 /NDF: 37.8/34

In: 49.312 $\pm$ 26.531 χ^2 /NDF:28.9/26

Out: 65.047 $\pm$ 26.814 χ^2 /NDF:26.7/28

All: 57.096 $\pm$ 18.860 χ^2 /NDF: 55.7/55

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.094 $\pm$ 0.030 χ^2/NDF : 437755.4/16

Left Out: 97.314 $\pm$ 0.024 χ^2/NDF :253445.3/10

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: 96.897 $\pm$ 0.017 χ^2/NDF : 400634.0/20

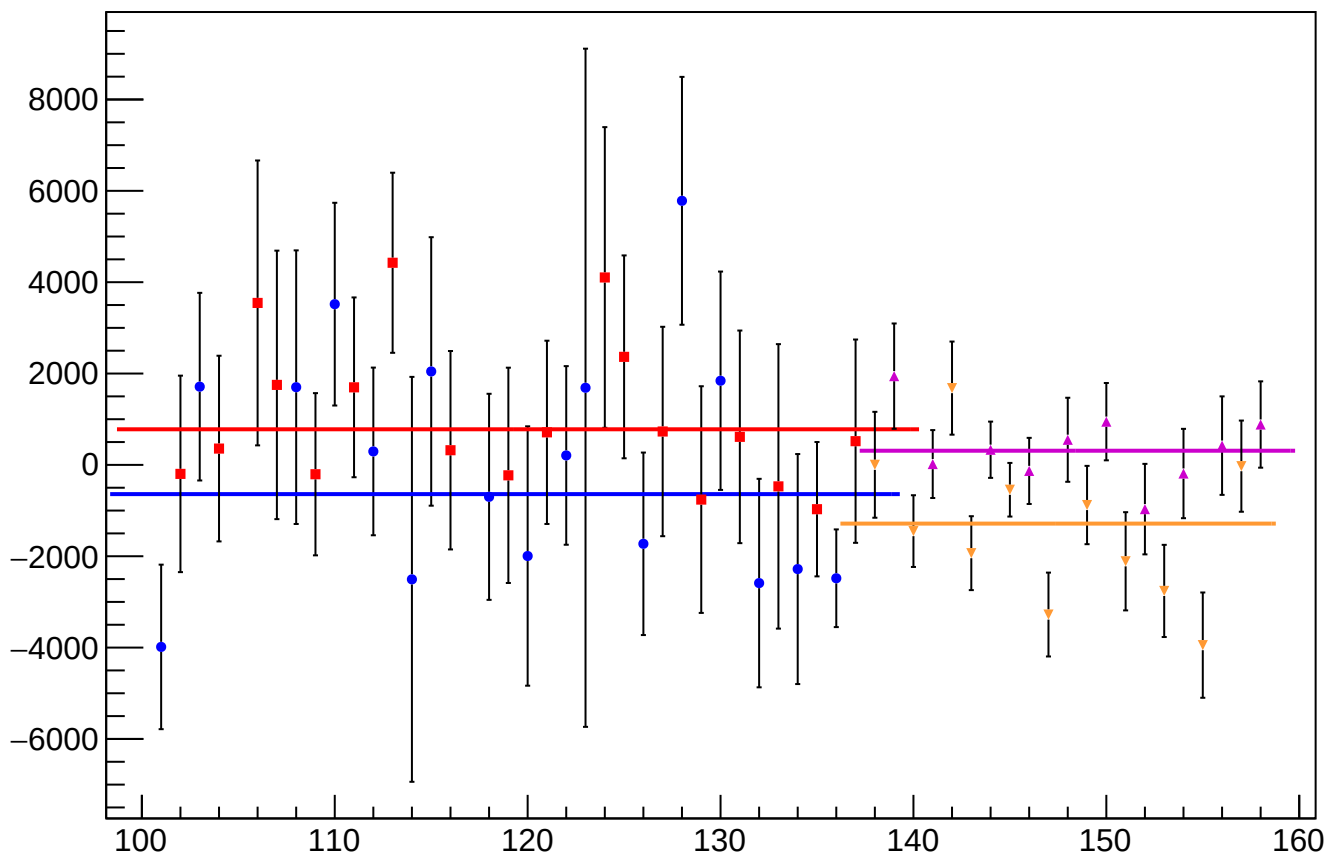
Right: 108.201 $\pm$ 0.021 χ^2/NDF : 946531.4/34

In: 100.638 $\pm$ 0.019 χ^2/NDF :660464.7/26

Out: 102.030 $\pm$ 0.019 χ^2/NDF :855207.8/28

All: 101.326 $\pm$ 0.013 χ^2/NDF : 1518394.0/55

asym_sam_2468_avg_correction_mean vs Slug, Sign Corrected



Right In: -639.847 ± 519.248 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -1285.457 ± 268.156 $\chi^2/\text{NDF}: 26.5/10$

Right Out: 779.450 ± 516.450 $\chi^2/\text{NDF}: 8.8/17$

Left In: 310.140 ± 269.911 $\chi^2/\text{NDF}: 5.5/9$

Left: -492.863 ± 190.233 $\chi^2/\text{NDF}: 49.6/20$

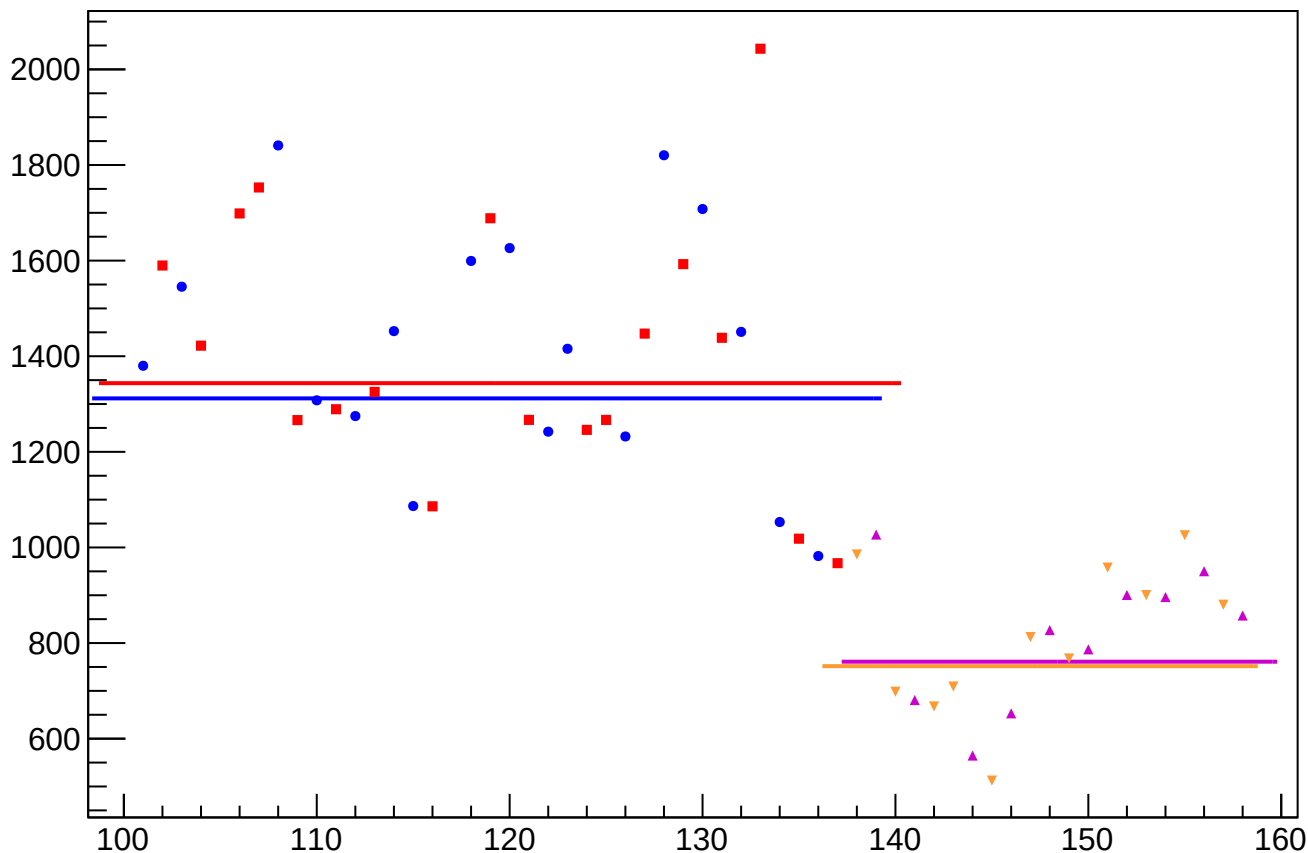
Right: 73.635 ± 366.171 $\chi^2/\text{NDF}: 34.4/34$

In: 108.053 ± 239.488 $\chi^2/\text{NDF}: 29.9/26$

Out: -846.973 ± 237.988 $\chi^2/\text{NDF}: 48.0/28$

All: -372.461 ± 168.811 $\chi^2/\text{NDF}: 85.8/55$

asym_sam_2468_avg_correction_rms vs Slug, Sign Corrected



Right In: 1311.795+/-0.367 χ^2/NDF : 512676.0/16

Left Out: 751.692+/-0.190 χ^2/NDF : 714654.2/10

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: 756.324+/-0.135 χ^2/NDF : 1265909.6/20

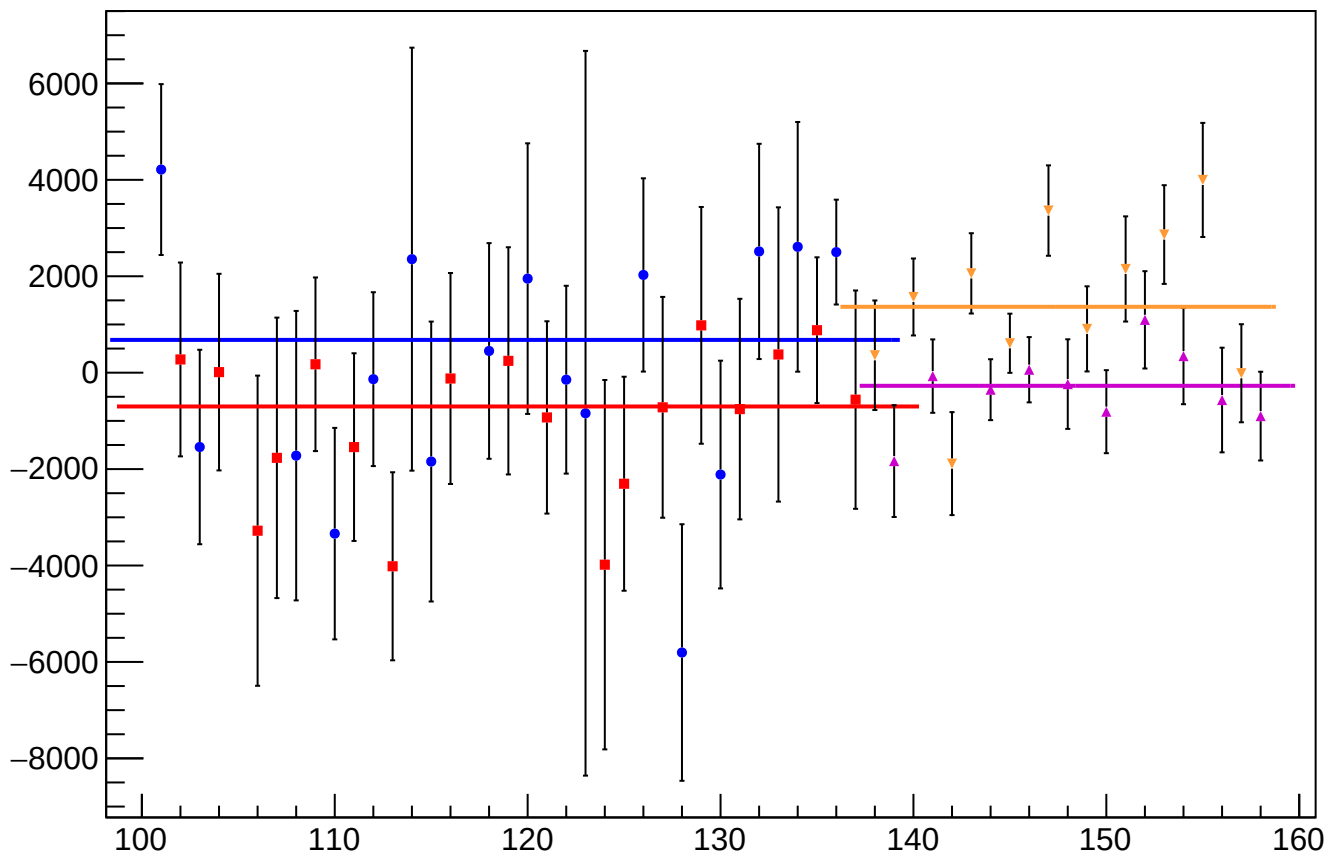
Right: 1327.813+/-0.259 χ^2/NDF : 977472.0/34

In: 878.181+/-0.169 χ^2/NDF : 2834306.0/26

Out: 877.397+/-0.168 χ^2/NDF : 3245331.7/28

All: 877.786+/-0.119 χ^2/NDF : 6079648.5/55

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 679.925 $\pm$ 517.508 χ^2/NDF : 22.6/16

Left Out: 1366.340 $\pm$ 275.095 χ^2/NDF : 26.6/10

Right Out: -700.930 $\pm$ 517.319 χ^2/NDF : 7.6/17

Left In: -272.305 $\pm$ 270.370 χ^2/NDF : 5.3/9

Left: 532.825 $\pm$ 192.829 χ^2/NDF : 49.9/20

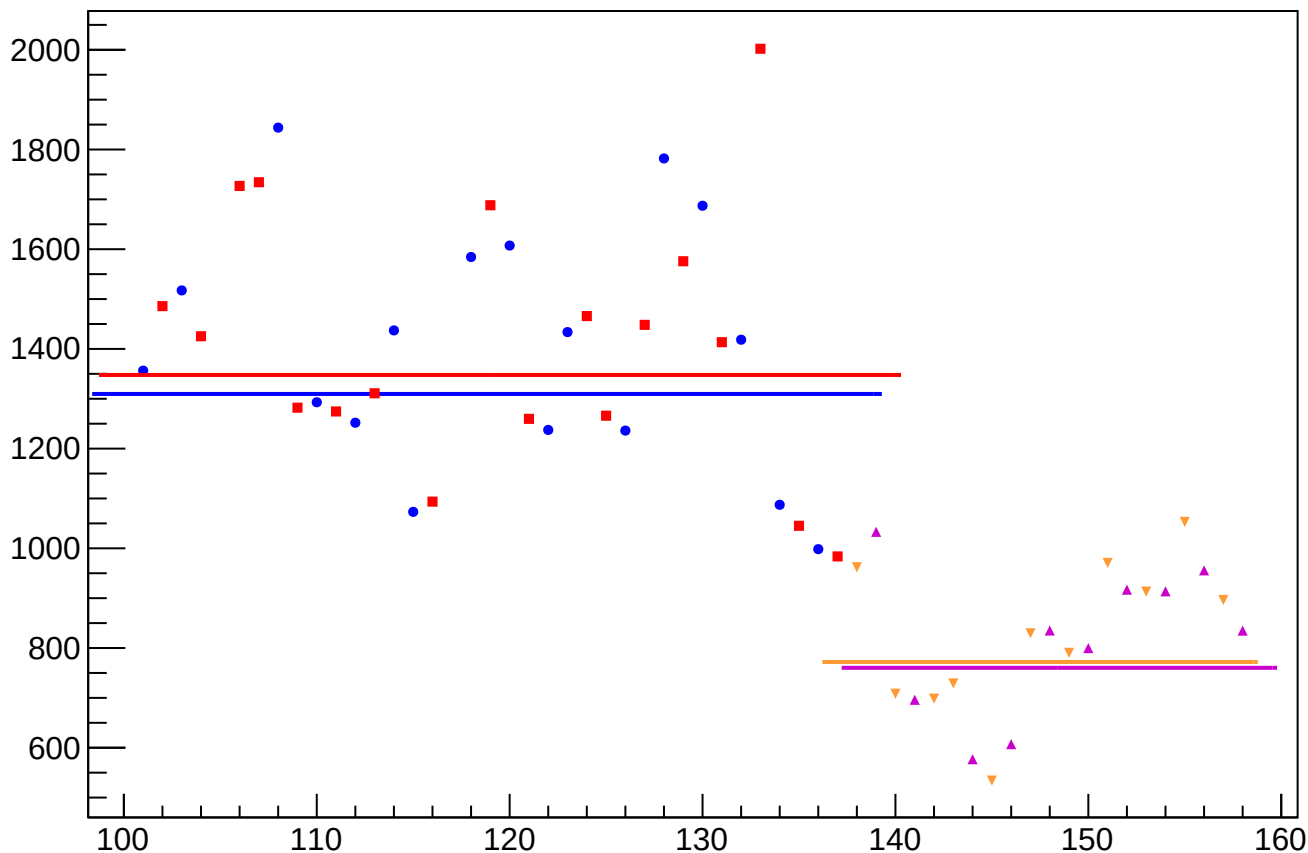
Right: -10.753 $\pm$ 365.867 χ^2/NDF : 33.8/34

In: -68.124 $\pm$ 239.637 χ^2/NDF : 30.5/26

Out: 910.626 $\pm$ 242.888 χ^2/NDF : 46.7/28

All: 414.655 $\pm$ 170.587 χ^2/NDF : 85.4/55

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1309.654 $\pm$ 0.366 χ^2/NDF : 459314.8/16

Left Out: 772.016 $\pm$ 0.195 χ^2/NDF : 639541.9/10

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: 766.072 $\pm$ 0.136 χ^2/NDF : 1227794.3/20

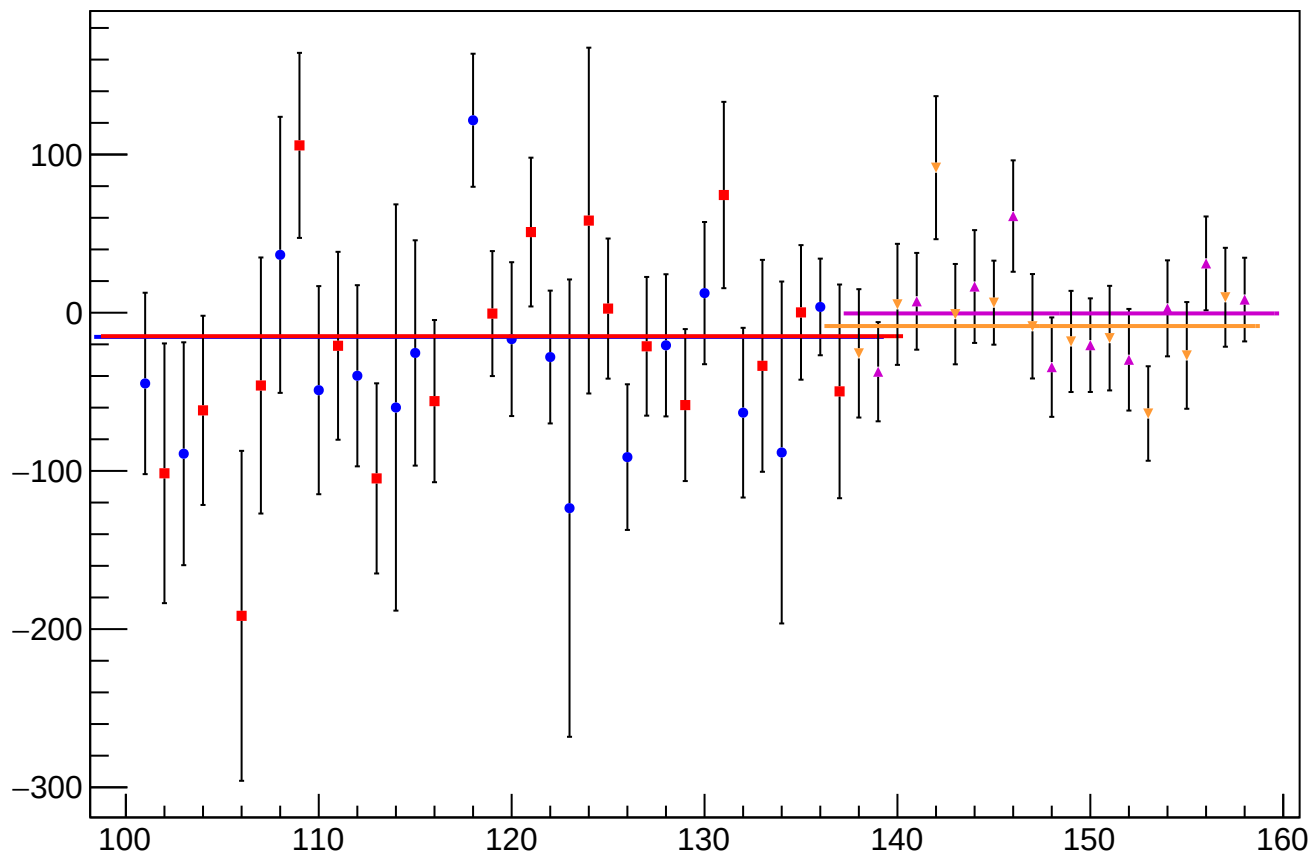
Right: 1328.718 $\pm$ 0.259 χ^2/NDF : 870085.9/34

In: 878.118 $\pm$ 0.169 χ^2/NDF : 2816008.7/26

Out: 898.936 $\pm$ 0.172 χ^2/NDF : 2976101.8/28

All: 888.387 $\pm$ 0.121 χ^2/NDF : 5799555.8/55

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -15.281 ± 12.907 χ^2/NDF : 18.3/16

Left Out: -8.429 ± 9.986 χ^2/NDF : 9.8/10

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: -4.356 ± 6.987 χ^2/NDF : 18.6/20

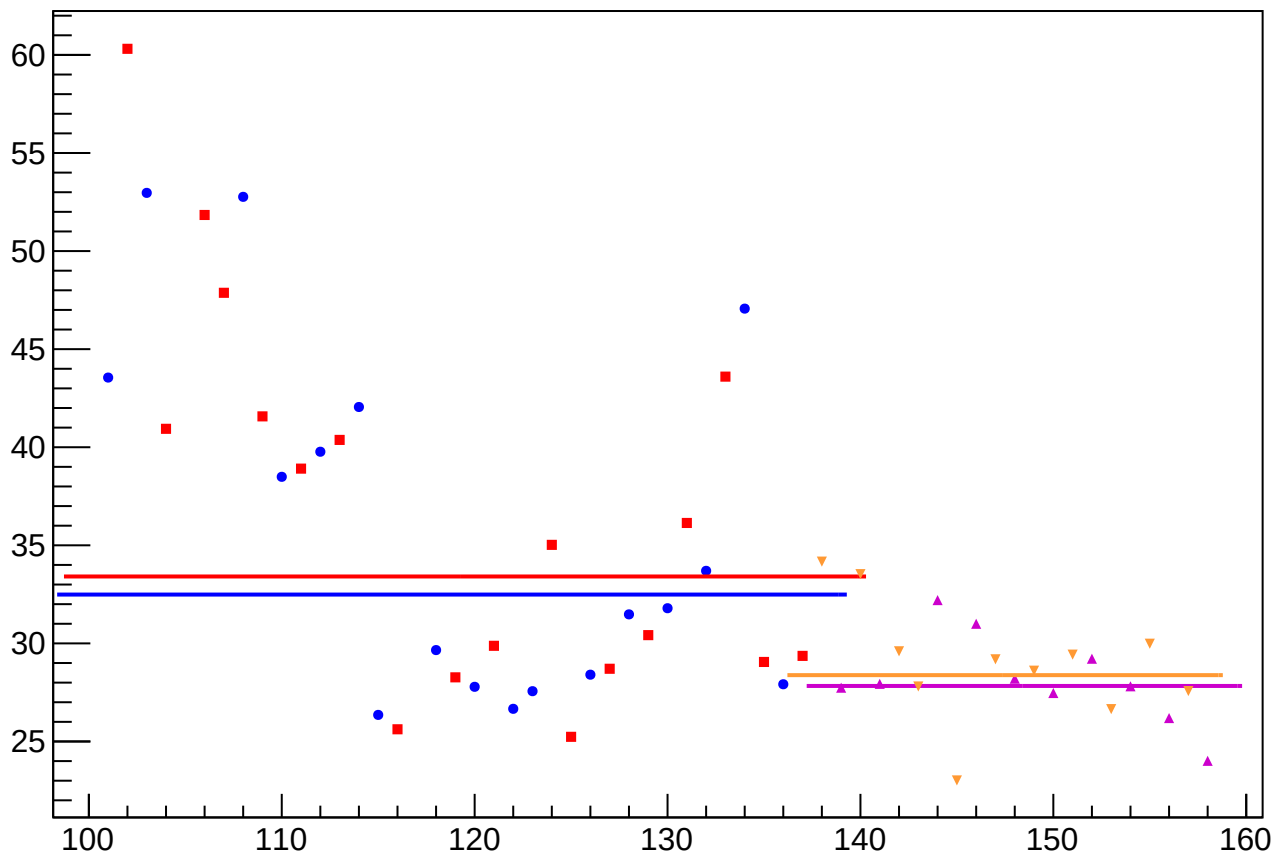
Right: -15.063 ± 9.193 χ^2/NDF : 36.5/34

In: -5.859 ± 7.795 χ^2/NDF : 27.6/26

Out: -10.785 ± 7.941 χ^2/NDF : 28.1/28

All: -8.276 ± 5.563 χ^2/NDF : 55.9/55

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: 28.381+/-0.007 χ^2/NDF : 176629.6/10

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: 28.100+/-0.005 χ^2/NDF : 278178.8/20

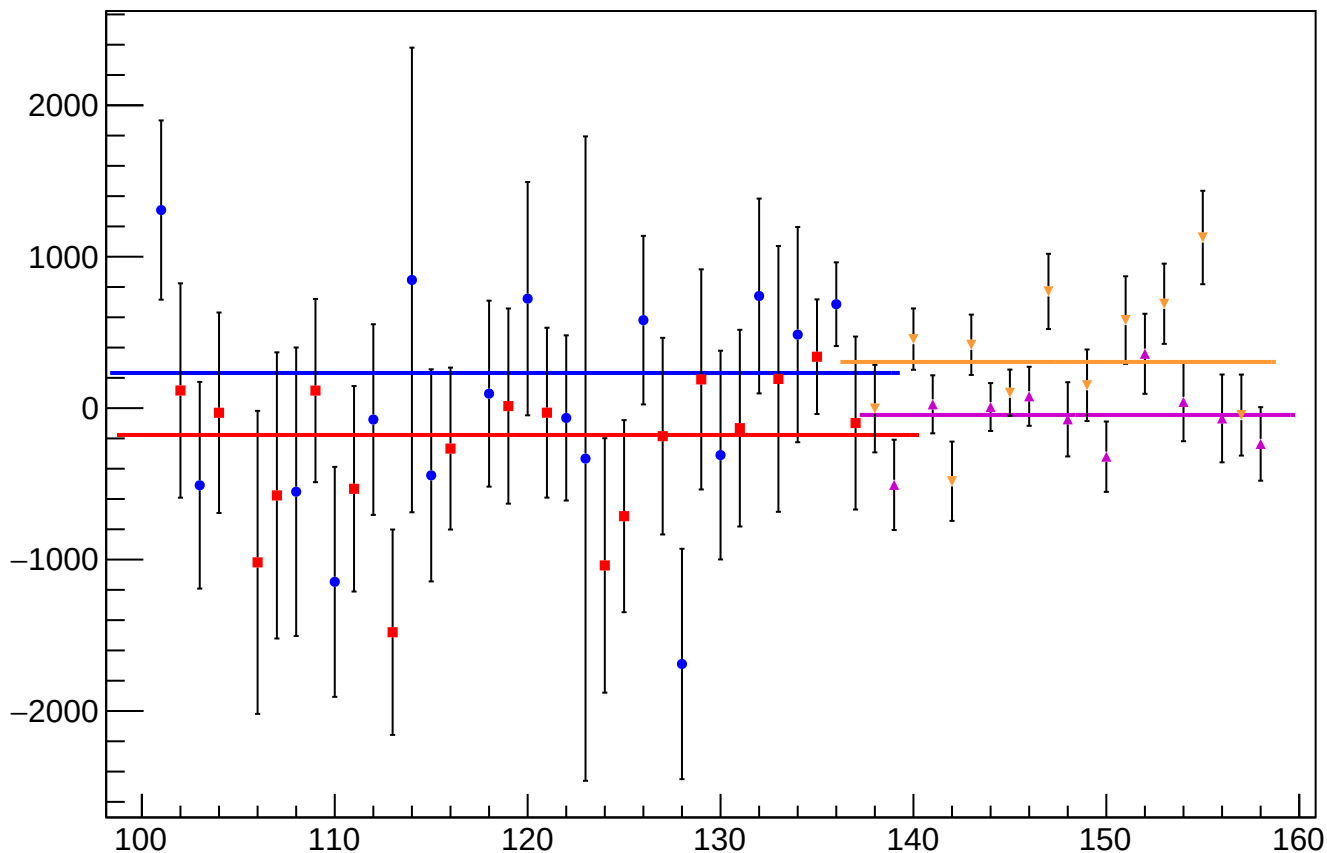
Right: 32.943+/-0.007 χ^2/NDF : 1324698.1/34

In: 29.529+/-0.006 χ^2/NDF : 858454.4/26

Out: 30.230+/-0.006 χ^2/NDF : 1088339.3/28

All: 29.873+/-0.004 χ^2/NDF : 1954729.9/55

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: 305.061 $\pm$ 70.087 χ^2 /NDF:28.6/10

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: 132.491 $\pm$ 49.898 χ^2 /NDF: 48.4/20

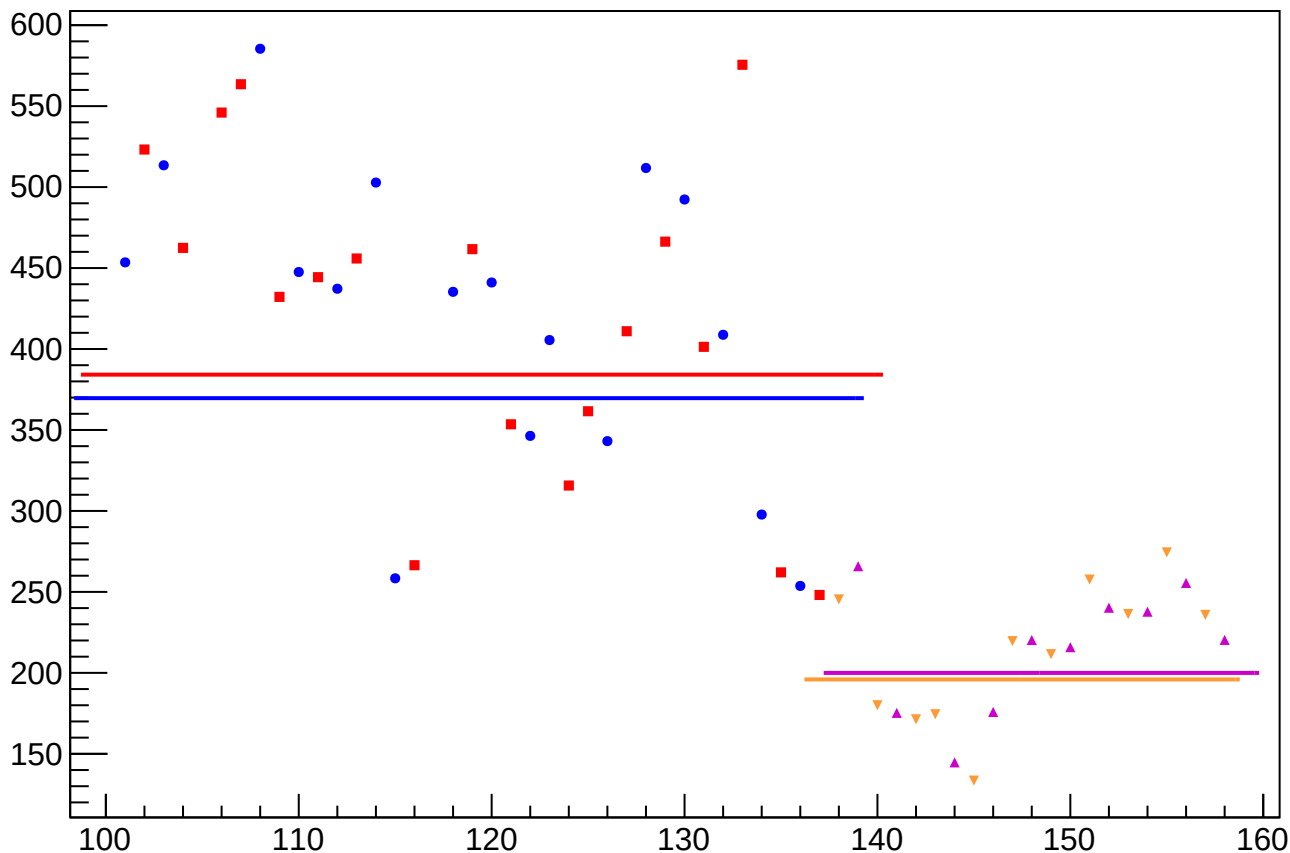
Right: 29.504 $\pm$ 105.571 χ^2 /NDF: 34.8/34

In: 6.701 $\pm$ 64.105 χ^2 /NDF:31.8/26

Out: 218.652 $\pm$ 63.498 χ^2 /NDF:46.7/28

All: 113.685 $\pm$ 45.113 χ^2 /NDF: 84.0/55

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: 195.942 $\pm$ 0.050 χ^2 /NDF: 782650.0/10

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: 197.930 $\pm$ 0.035 χ^2 /NDF: 1391283.6/20

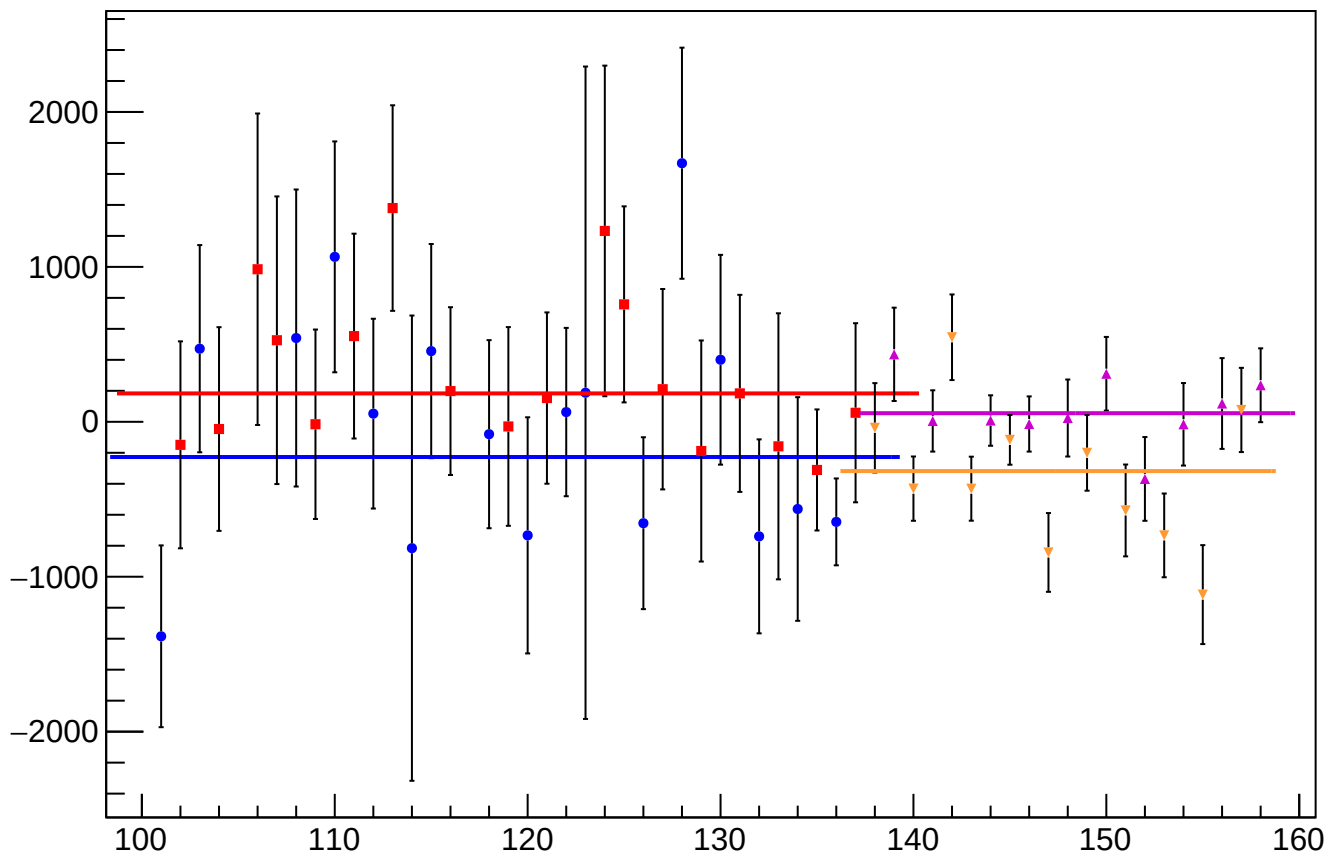
Right: 376.842 $\pm$ 0.075 χ^2 /NDF: 1787228.1/34

In: 231.547 $\pm$ 0.045 χ^2 /NDF: 3630272.4/26

Out: 229.671 $\pm$ 0.045 χ^2 /NDF: 4242547.5/28

All: 230.601 $\pm$ 0.032 χ^2 /NDF: 7873684.5/55

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -227.279 ± 147.923 $\chi^2/\text{NDF}: 21.8/16$

Left Out: -318.026 ± 72.302 $\chi^2/\text{NDF}: 28.8/10$

Right Out: 183.318 ± 150.486 $\chi^2/\text{NDF}: 8.8/17$

Left In: 55.675 ± 71.307 $\chi^2/\text{NDF}: 6.2/9$

Left: -128.587 ± 50.770 $\chi^2/\text{NDF}: 48.6/20$

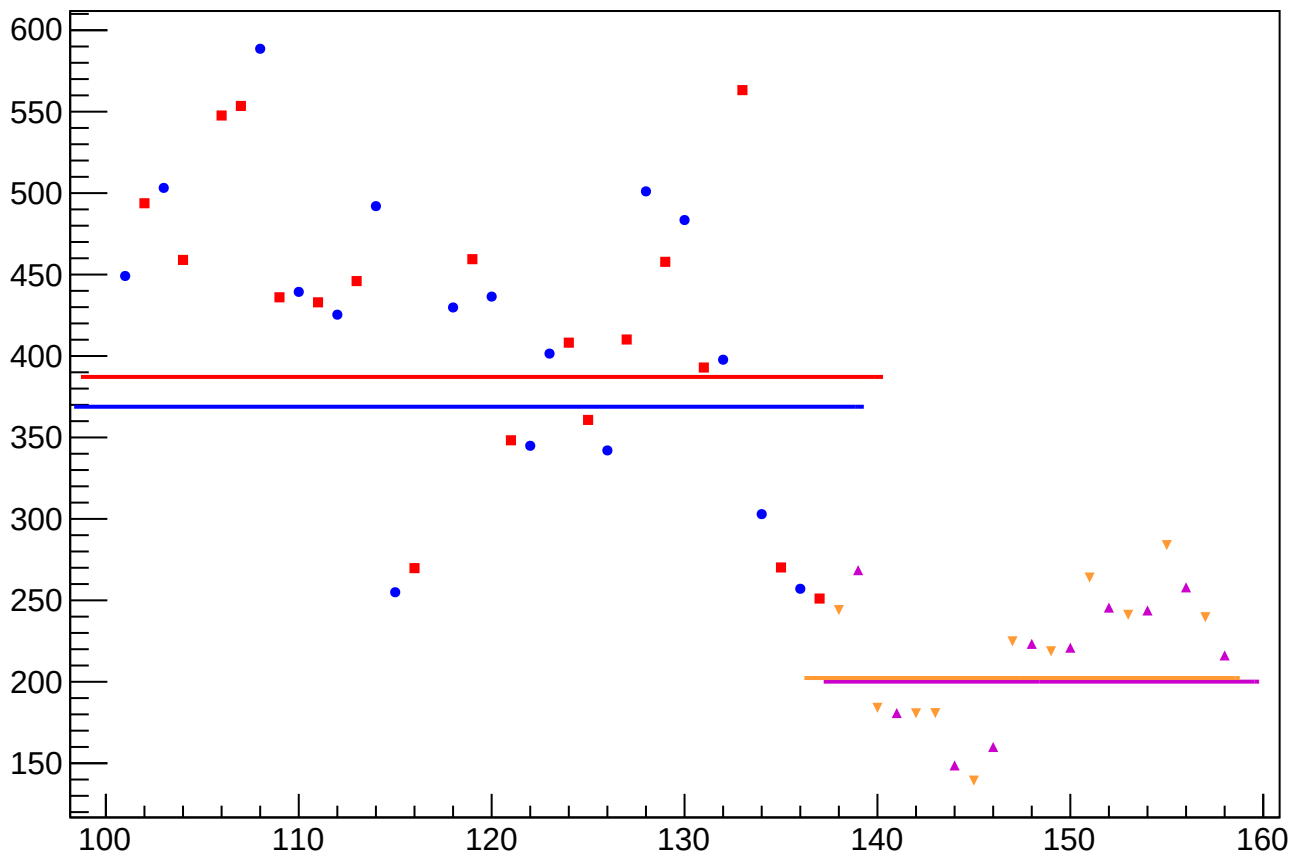
Right: -25.507 ± 105.492 $\chi^2/\text{NDF}: 34.4/34$

In: 2.321 ± 64.233 $\chi^2/\text{NDF}: 31.0/26$

Out: -224.002 ± 65.170 $\chi^2/\text{NDF}: 46.6/28$

All: -109.202 ± 45.748 $\chi^2/\text{NDF}: 83.8/55$

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: 202.312 $\pm$ 0.051 χ^2 /NDF: 720544.9/10

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: 201.187 $\pm$ 0.036 χ^2 /NDF: 1374894.3/20

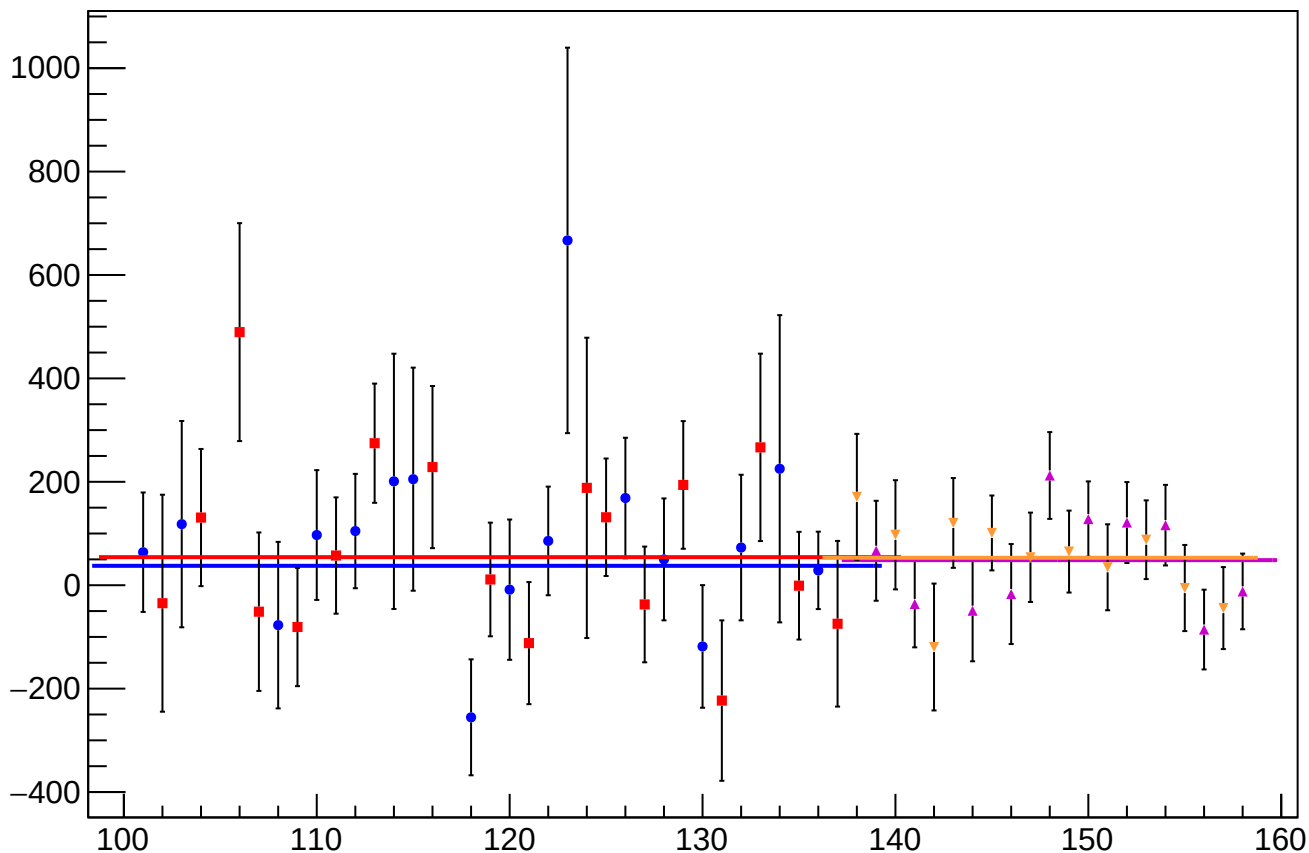
Right: 377.857 $\pm$ 0.075 χ^2 /NDF: 1602884.1/34

In: 231.917 $\pm$ 0.045 χ^2 /NDF: 3595684.7/26

Out: 236.980 $\pm$ 0.046 χ^2 /NDF: 3930470.9/28

All: 234.412 $\pm$ 0.032 χ^2 /NDF: 7532279.7/55

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: 53.107 $\pm$ 26.169 χ^2 /NDF:6.4/10

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: 50.809 $\pm$ 18.461 χ^2 /NDF: 19.3/20

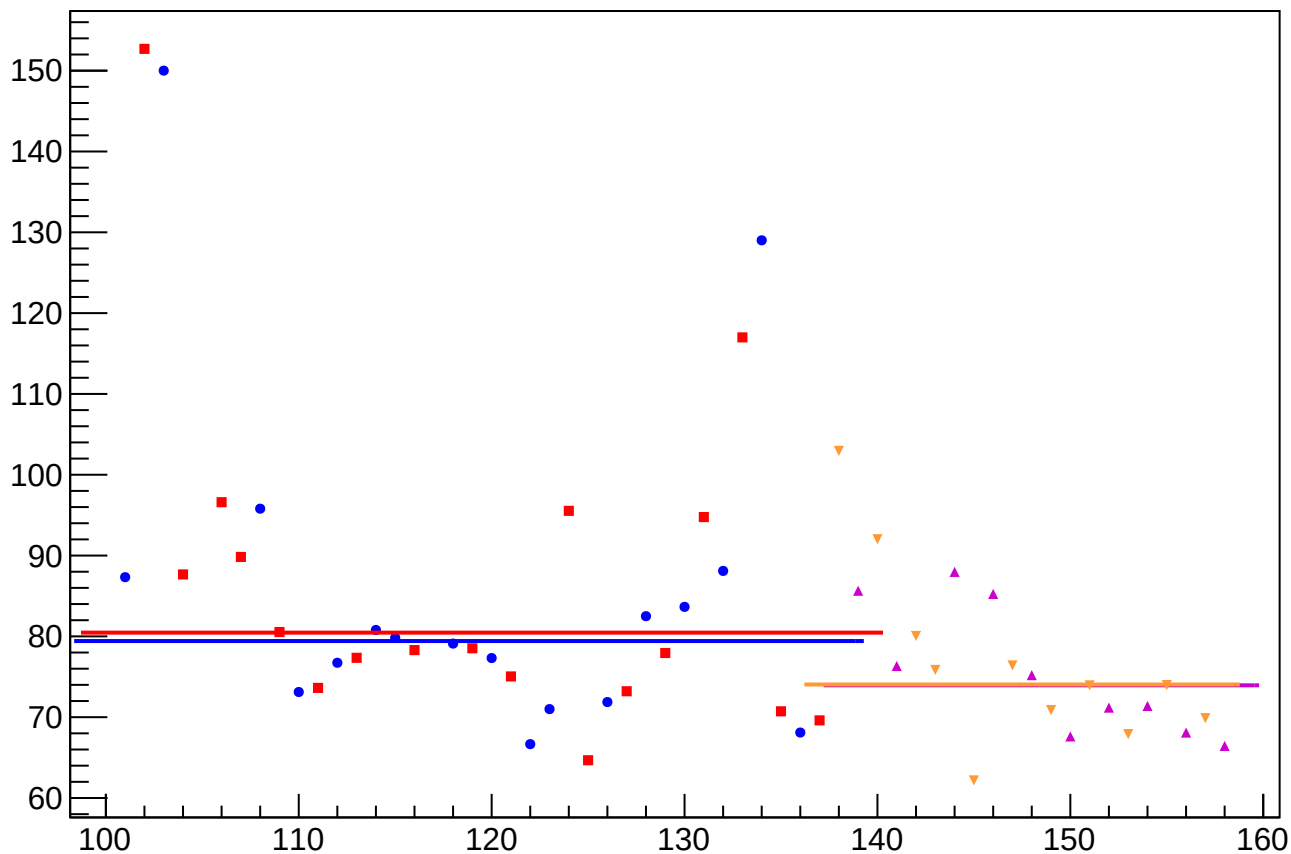
Right: 45.897 $\pm$ 22.256 χ^2 /NDF: 37.8/34

In: 44.060 $\pm$ 20.063 χ^2 /NDF:28.8/26

Out: 53.584 $\pm$ 20.126 χ^2 /NDF:28.2/28

All: 48.807 $\pm$ 14.209 χ^2 /NDF: 57.1/55

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: 74.045 $\pm$ 0.019 χ^2 /NDF: 253046.5/10

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: 73.994 $\pm$ 0.013 χ^2 /NDF: 405209.2/20

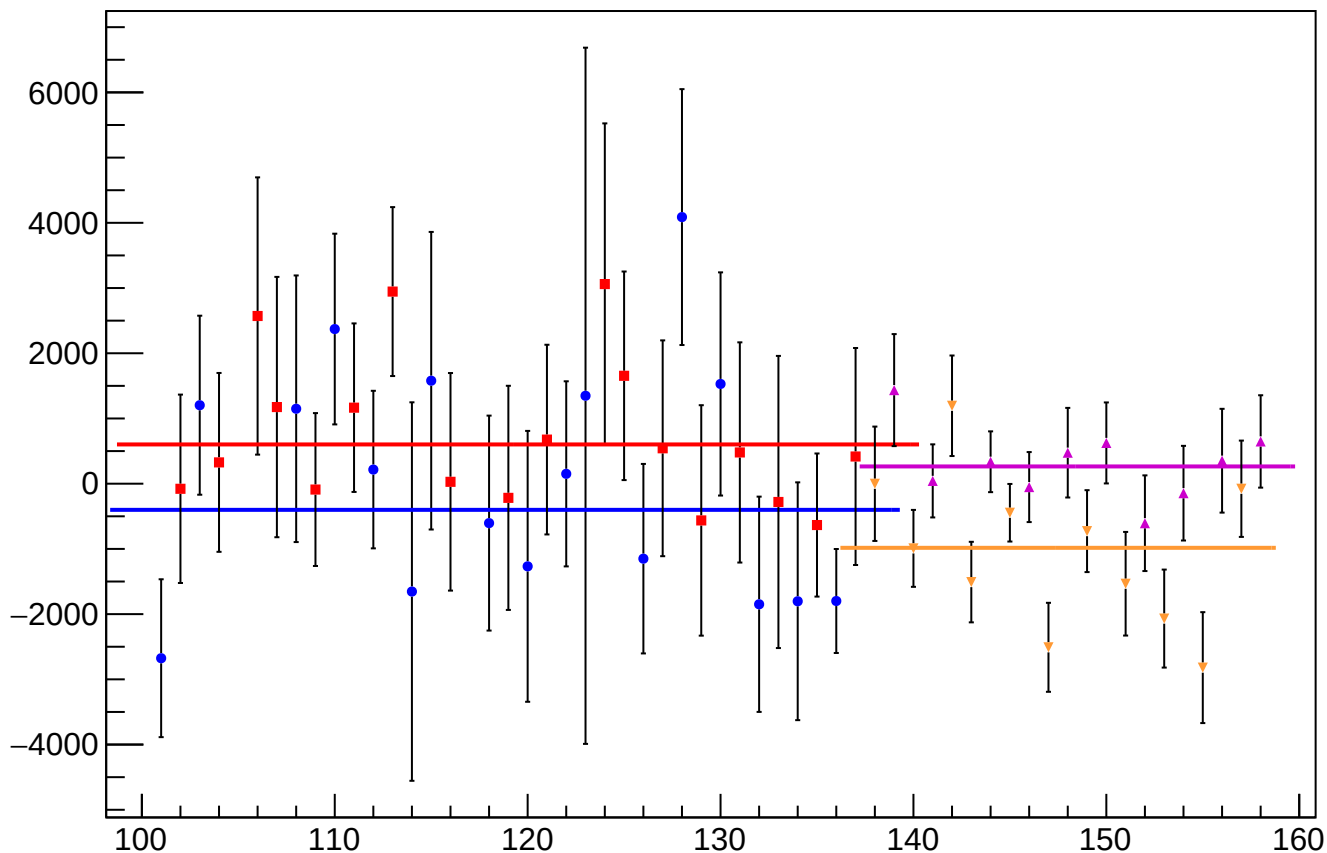
Right: 79.943 $\pm$ 0.016 χ^2 /NDF: 894523.3/34

In: 76.172 $\pm$ 0.014 χ^2 /NDF: 627152.4/26

Out: 76.667 $\pm$ 0.014 χ^2 /NDF: 756609.1/28

All: 76.419 $\pm$ 0.010 χ^2 /NDF: 1384369.2/55

asym_sam_12345678_avg_correction_mean vs Slug, Sign Corrected



Right In: -401.047 ± 368.480 χ^2/NDF : 21.9/16

Left Out: -983.293 ± 200.532 χ^2/NDF : 25.4/10

Right Out: 601.891 ± 363.668 χ^2/NDF : 8.7/17

Left In: 264.580 ± 201.392 χ^2/NDF : 4.8/9

Left: -362.025 ± 142.101 χ^2/NDF : 49.5/20

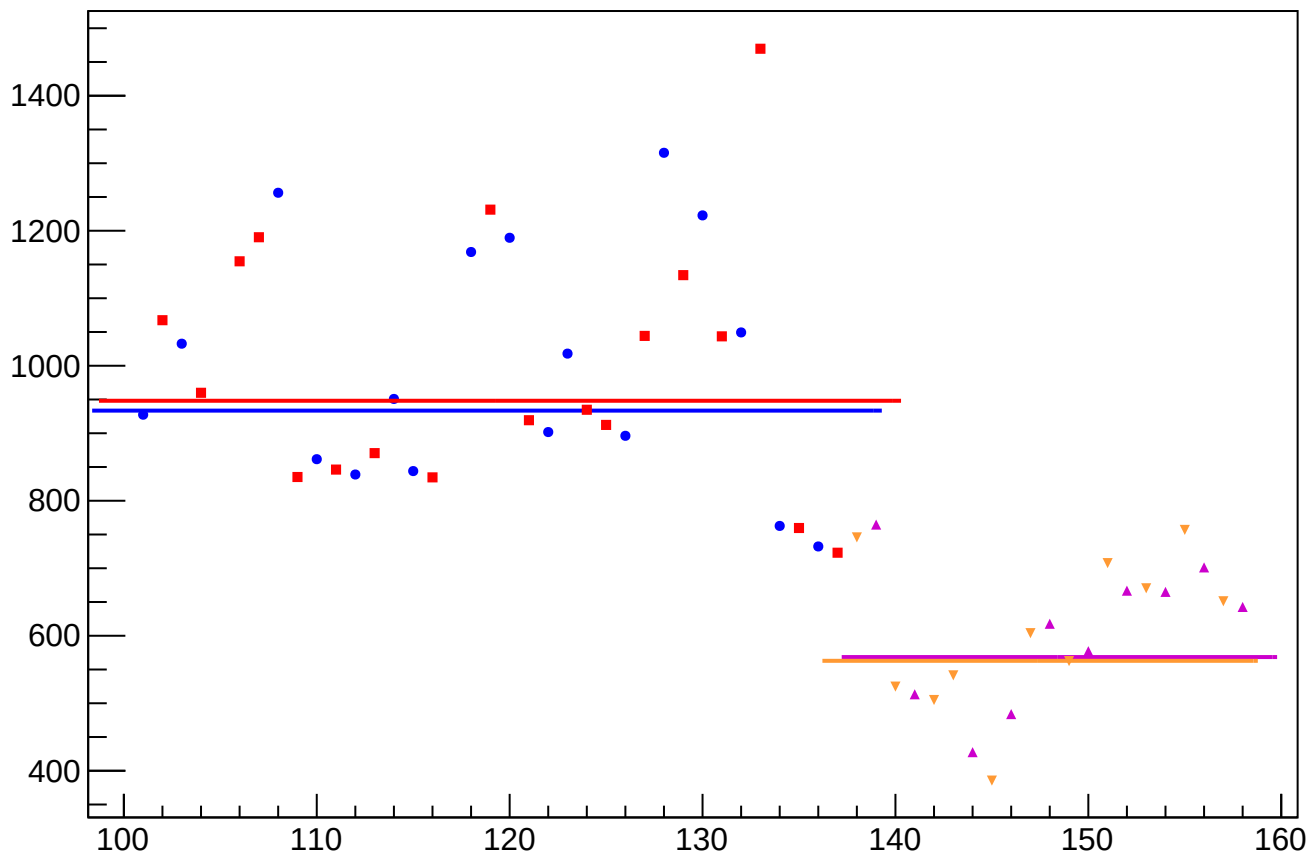
Right: 107.014 ± 258.836 χ^2/NDF : 34.4/34

In: 111.480 ± 176.720 χ^2/NDF : 29.3/26

Out: -613.684 ± 175.605 χ^2/NDF : 48.6/28

All: -253.397 ± 124.564 χ^2/NDF : 86.4/55

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: 562.886 $\pm$ 0.142 χ^2 /NDF: 679227.3/10

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: 565.653 $\pm$ 0.100 χ^2 /NDF: 1195839.8/20

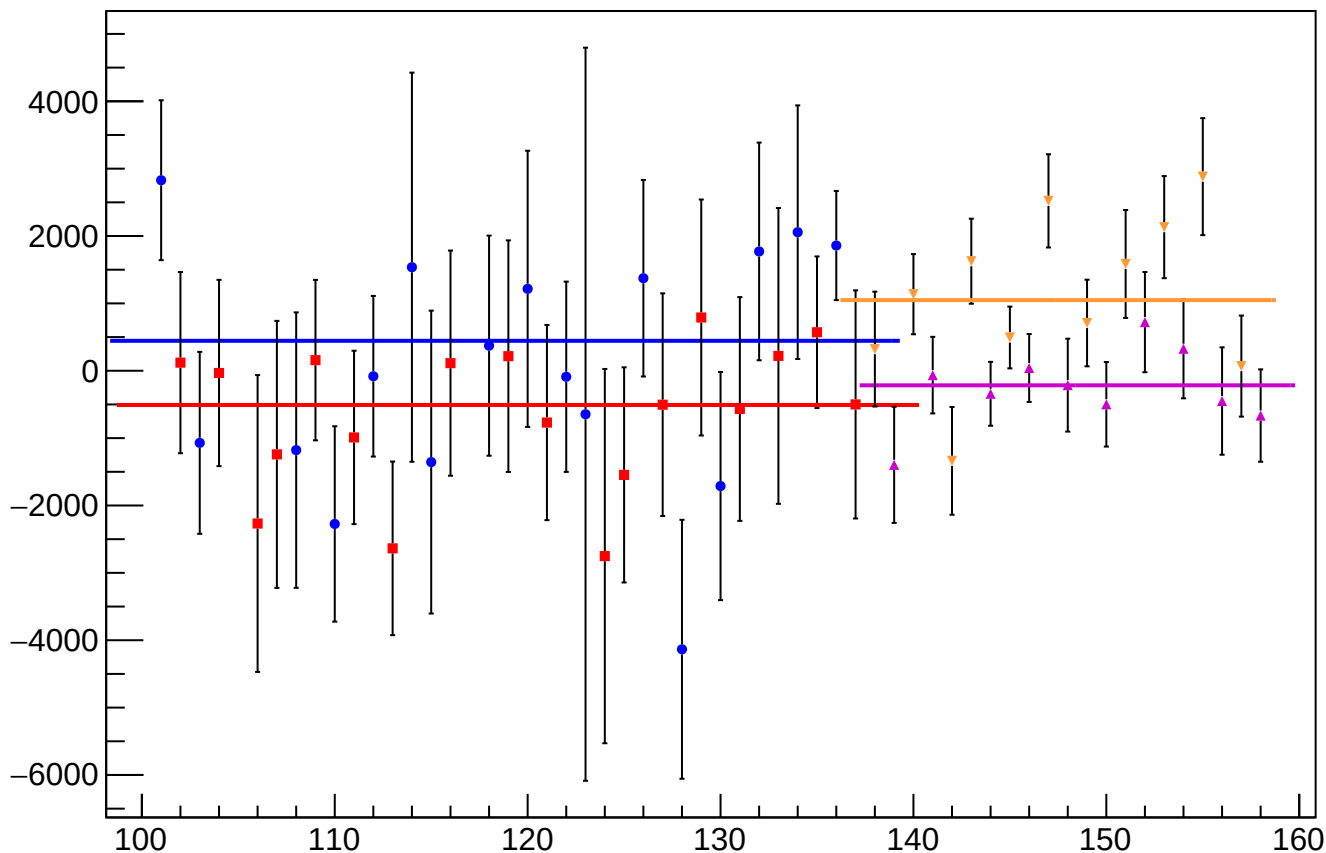
Right: 940.927 $\pm$ 0.183 χ^2 /NDF: 849066.3/34

In: 652.417 $\pm$ 0.125 χ^2 /NDF: 2469915.4/26

Out: 652.712 $\pm$ 0.124 χ^2 /NDF: 2805444.8/28

All: 652.565 $\pm$ 0.088 χ^2 /NDF: 5275363.0/55

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 444.669+/-367.099 χ^2/NDF : 22.9/16

Left Out: 1048.647+/-204.347 χ^2/NDF :25.4/10

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: 404.864+/-143.193 χ^2/NDF : 50.0/20

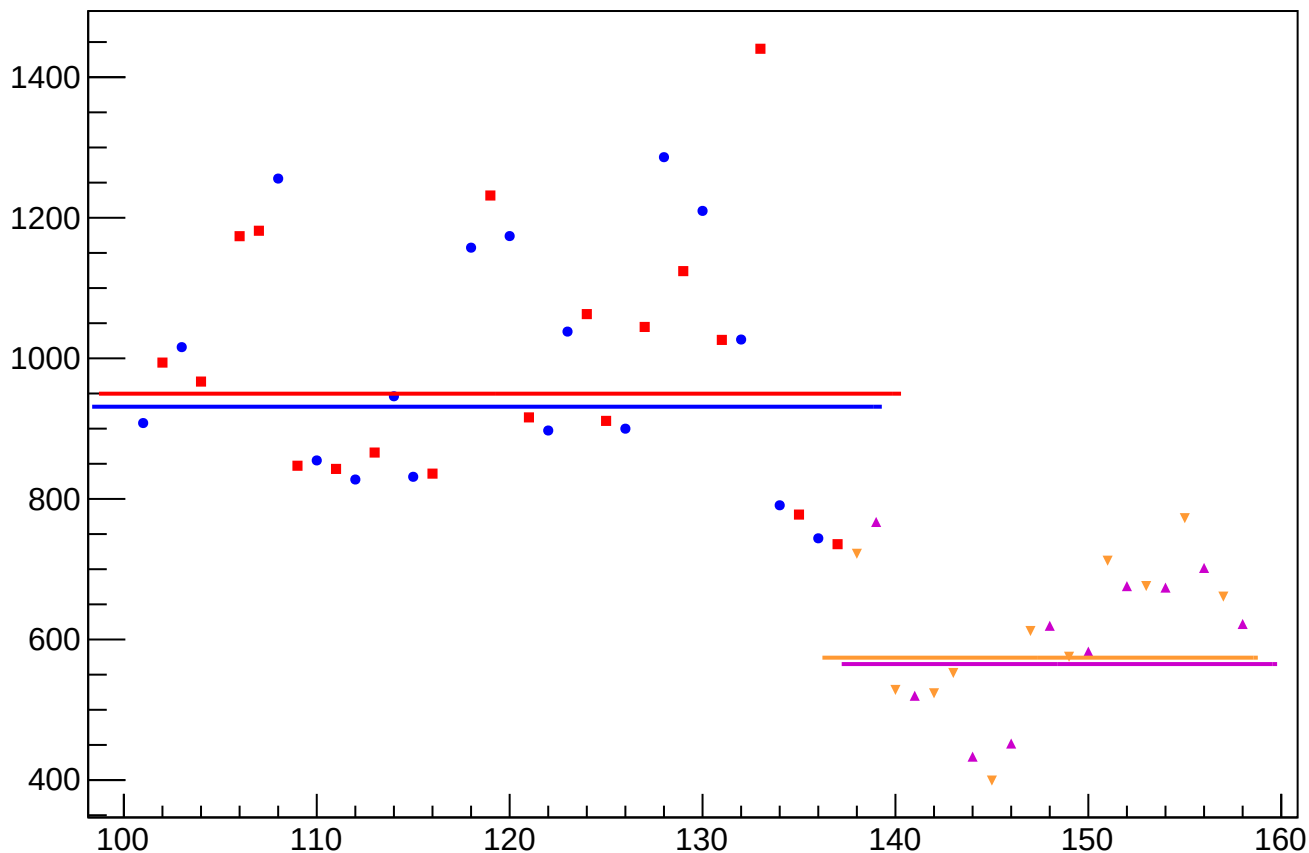
Right: -35.668+/-258.516 χ^2/NDF : 33.6/34

In: -64.121+/-176.108 χ^2/NDF :30.5/26

Out: 675.737+/-178.201 χ^2/NDF :46.6/28

All: 301.437+/-125.261 χ^2/NDF : 85.9/55

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 931.203 $\pm$ 0.260 χ^2 /NDF: 400242.2/16

Left Out: 574.160 $\pm$ 0.144 χ^2 /NDF: 606222.9/10

Right Out: 949.740 $\pm$ 0.257 χ^2 /NDF: 365550.8/17

Left In: 565.054 $\pm$ 0.142 χ^2 /NDF: 552572.5/9

Left: 569.525 $\pm$ 0.101 χ^2 /NDF: 1160817.0/20

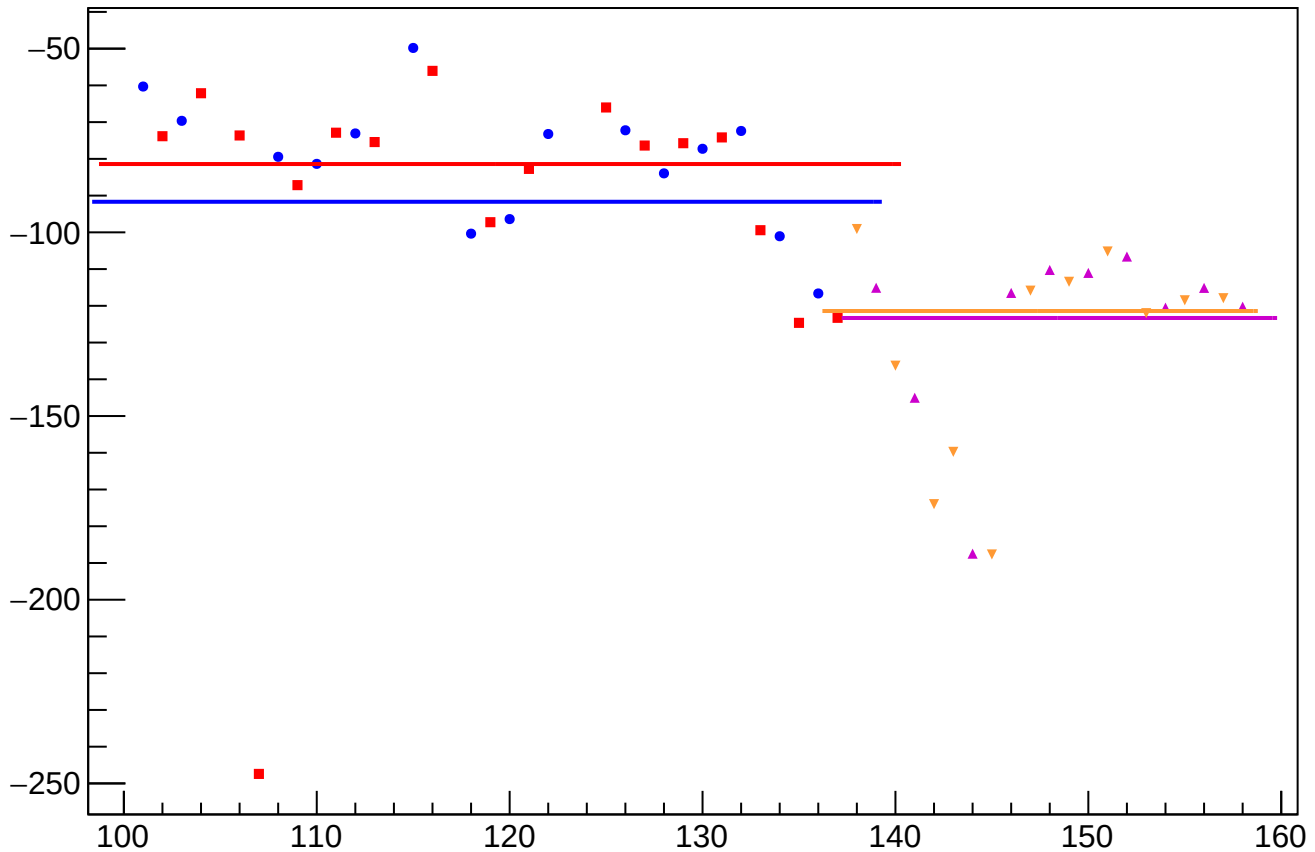
Right: 940.547 $\pm$ 0.183 χ^2 /NDF: 768363.9/34

In: 649.319 $\pm$ 0.125 χ^2 /NDF: 2484576.3/26

Out: 664.121 $\pm$ 0.126 χ^2 /NDF: 2590037.8/28

All: 656.633 $\pm$ 0.089 χ^2 /NDF: 5081595.3/55

dit_usl_4aX_slope vs Slug, Sign Corrected



Right In: -91.679 ± 0.070 $\chi^2/\text{NDF}: 64621.9/14$

Left Out: -121.414 ± 0.088 $\chi^2/\text{NDF}: 21797.9/10$

Right Out: -81.406 ± 0.098 $\chi^2/\text{NDF}: 41708.8/16$

Left In: -123.313 ± 0.085 $\chi^2/\text{NDF}: 41703.5/9$

Left: -122.394 ± 0.061 $\chi^2/\text{NDF}: 63742.7/20$

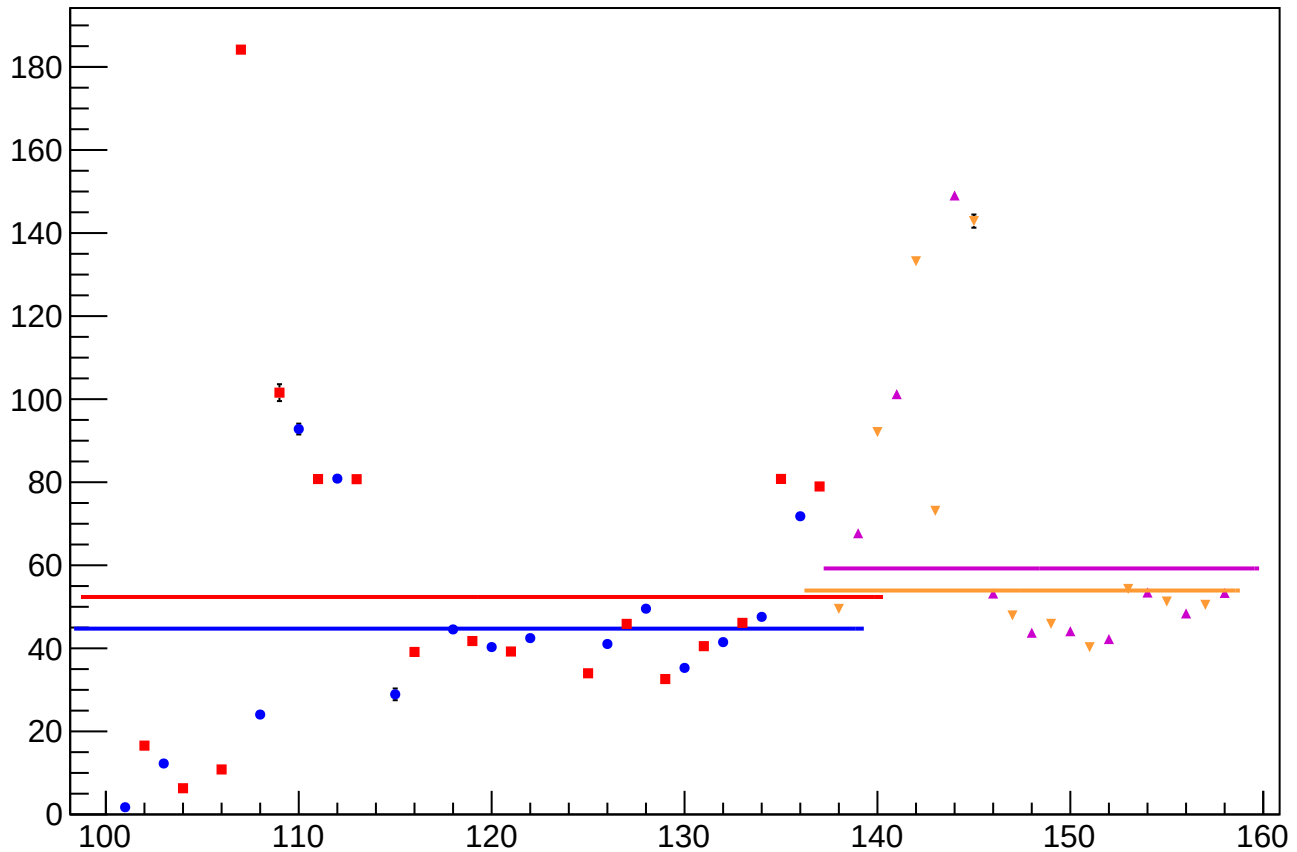
Right: -88.221 ± 0.057 $\chi^2/\text{NDF}: 113551.1/31$

In: -104.481 ± 0.054 $\chi^2/\text{NDF}: 188659.1/24$

Out: -103.695 ± 0.066 $\chi^2/\text{NDF}: 155479.6/27$

All: -104.163 ± 0.042 $\chi^2/\text{NDF}: 344224.2/52$

dit_usl_4eX_slope vs Slug, Sign Corrected



Right In: 44.745 $\pm$ 0.061 χ^2 /NDF: 84697.9/14

Left Out: 53.923 $\pm$ 0.072 χ^2 /NDF: 41507.4/10

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: 56.504 $\pm$ 0.051 χ^2 /NDF: 148964.6/20

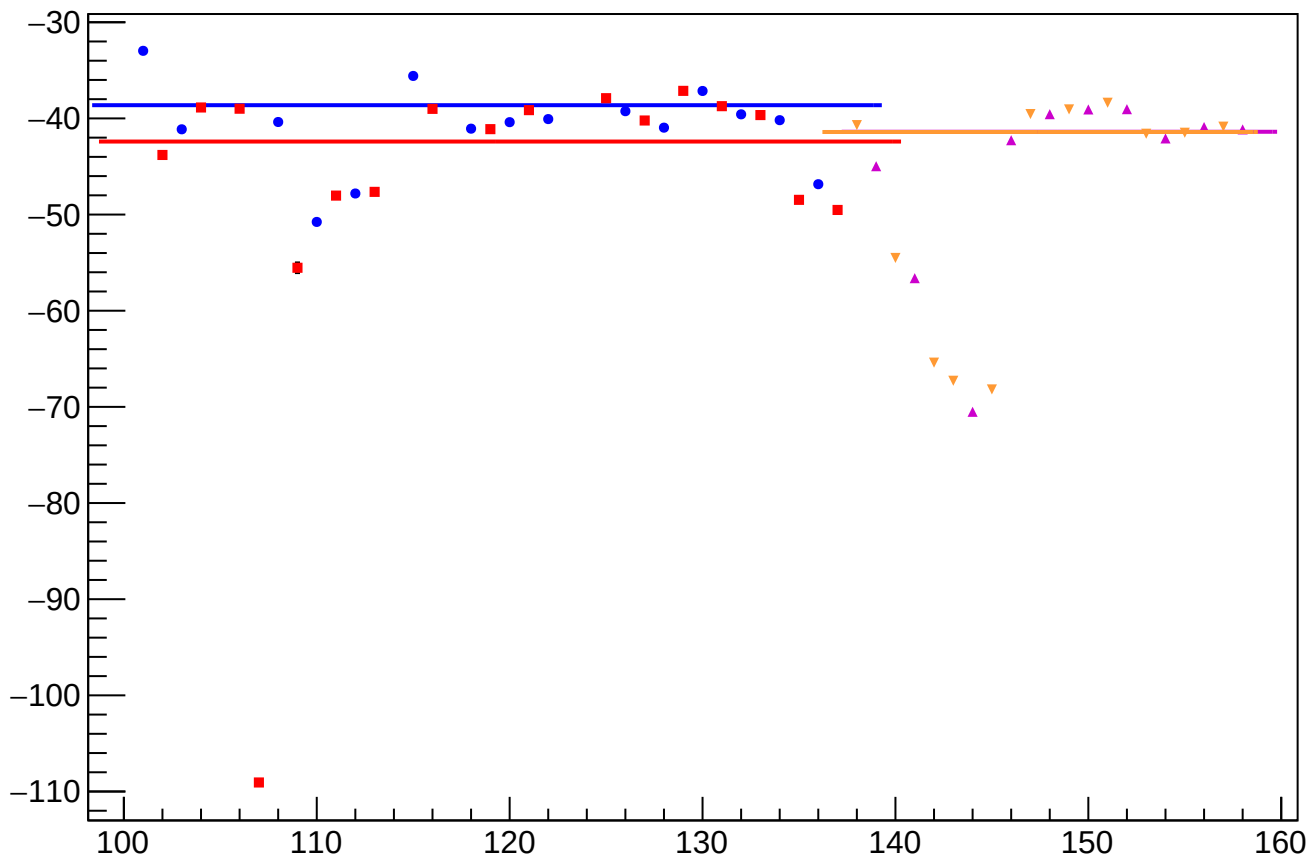
Right: 46.456 $\pm$ 0.053 χ^2 /NDF: 157538.4/31

In: 50.574 $\pm$ 0.047 χ^2 /NDF: 212519.3/24

Out: 53.473 $\pm$ 0.061 χ^2 /NDF: 110928.5/27

All: 51.660 $\pm$ 0.037 χ^2 /NDF: 324882.9/52

dit_usl_11X12X_slope vs Slug, Sign Corrected



Right In: -38.625 ± 0.008 $\chi^2/\text{NDF}: 240108.7/14$

Left Out: -41.413 ± 0.010 $\chi^2/\text{NDF}: 185269.4/10$

Right Out: -42.406 ± 0.021 $\chi^2/\text{NDF}: 269138.5/16$

Left In: -41.390 ± 0.011 $\chi^2/\text{NDF}: 142428.4/9$

Left: -41.403 ± 0.007 $\chi^2/\text{NDF}: 327700.1/20$

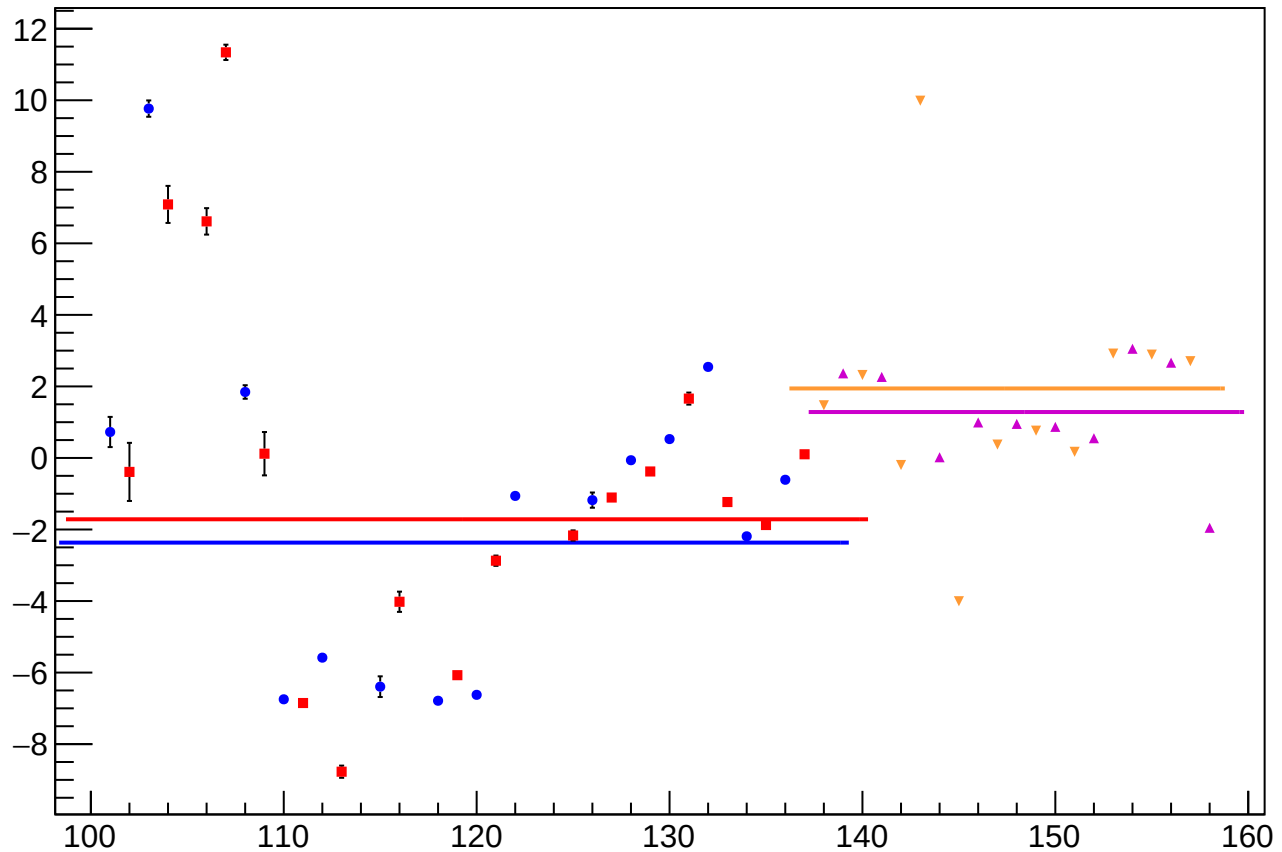
Right: -39.121 ± 0.008 $\chi^2/\text{NDF}: 536660.1/31$

In: -39.610 ± 0.007 $\chi^2/\text{NDF}: 422347.2/24$

Out: -41.590 ± 0.009 $\chi^2/\text{NDF}: 456198.9/27$

All: -40.309 ± 0.005 $\chi^2/\text{NDF}: 909989.3/52$

dit_usl_4aY_slope vs Slug, Sign Corrected



Right In: -2.367 ± 0.014 χ^2/NDF : 28797.3/14

Left Out: 1.943 ± 0.011 χ^2/NDF : 18557.6/10

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: 1.561 ± 0.007 χ^2/NDF : 44520.8/20

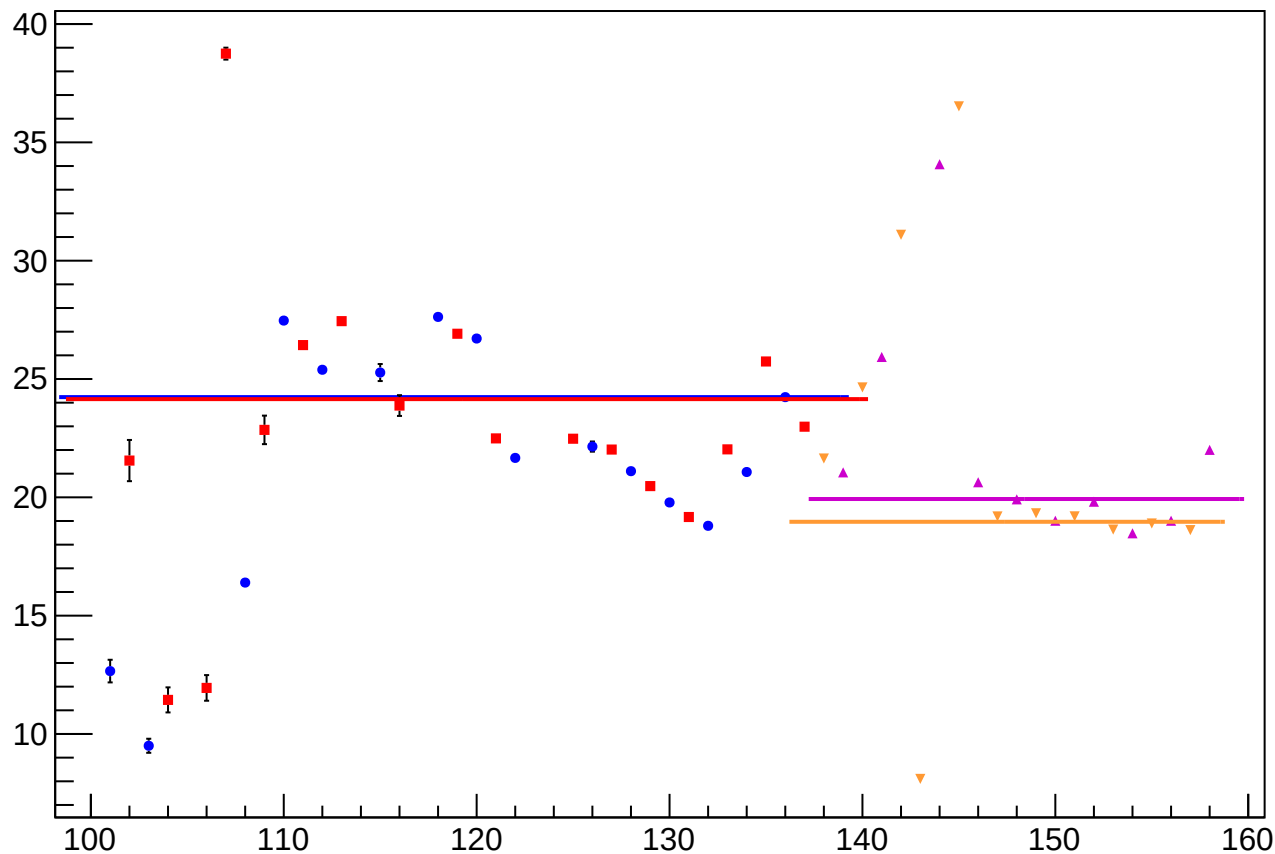
Right: -2.227 ± 0.012 χ^2/NDF : 41975.5/31

In: 0.135 ± 0.008 χ^2/NDF : 98869.6/24

Out: 1.407 ± 0.010 χ^2/NDF : 46950.7/27

All: 0.604 ± 0.006 χ^2/NDF : 155381.7/52

dit_usl_4eY_slope vs Slug, Sign Corrected



Right In: 24.235 $\pm$ 0.022 χ^2 /NDF: 21896.9/14

Left Out: 18.967 $\pm$ 0.011 χ^2 /NDF:38719.3/10

Right Out: 24.150 $\pm$ 0.024 χ^2 /NDF: 13222.6/16

Left In: 19.929 $\pm$ 0.009 χ^2 /NDF:51604.8/9

Left: 19.515 $\pm$ 0.007 χ^2 /NDF: 94920.9/20

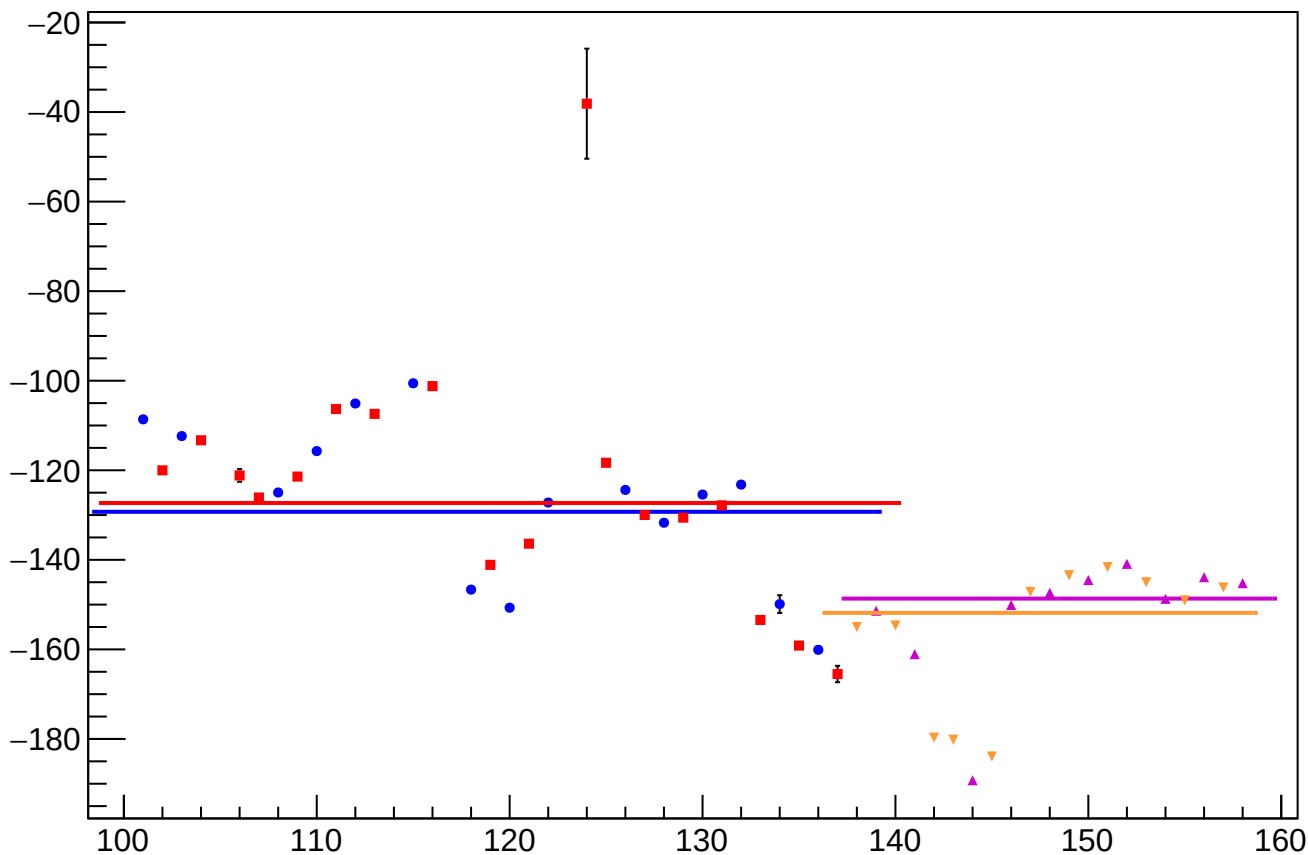
Right: 24.197 $\pm$ 0.016 χ^2 /NDF: 35126.2/31

In: 20.582 $\pm$ 0.009 χ^2 /NDF:105931.3/24

Out: 19.806 $\pm$ 0.010 χ^2 /NDF:89854.1/27

All: 20.246 $\pm$ 0.006 χ^2 /NDF: 199338.6/52

dit_usr_4aX_slope vs Slug, Sign Corrected



Right In: -129.272 ± 0.088 χ^2/NDF : 35109.7/14

Left Out: -151.841 ± 0.077 χ^2/NDF : 25034.6/10

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: -149.985 ± 0.049 χ^2/NDF : 46864.5/20

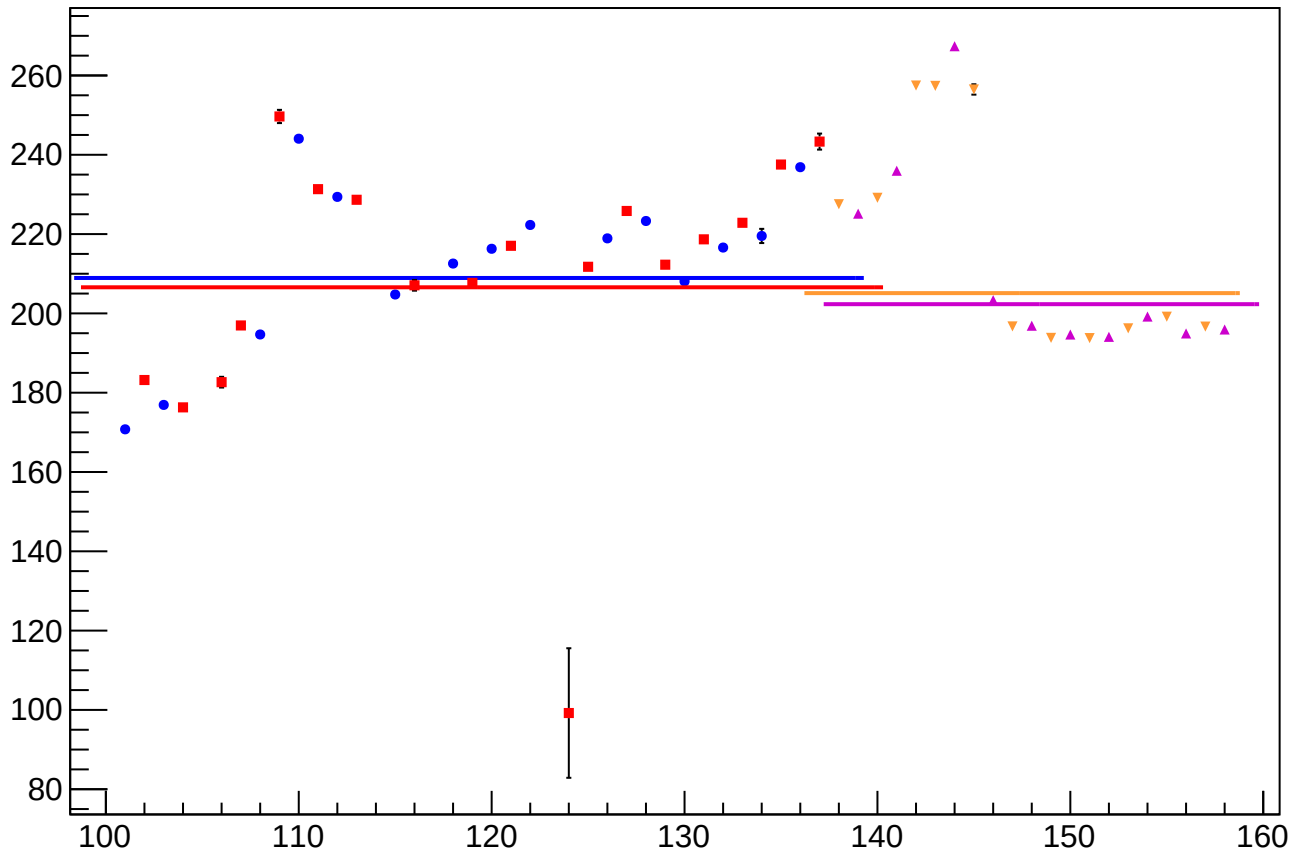
Right: -128.248 ± 0.061 χ^2/NDF : 64968.8/32

In: -141.825 ± 0.052 χ^2/NDF : 87509.3/24

Out: -140.759 ± 0.057 χ^2/NDF : 101075.9/28

All: -141.336 ± 0.038 χ^2/NDF : 188776.8/53

dit_usr_4eX_slope vs Slug, Sign Corrected



Right In: 208.934 $\pm$ 0.089 χ^2 /NDF: 44684.8/14

Left Out: 205.113 $\pm$ 0.063 χ^2 /NDF: 97638.1/10

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: 203.567 $\pm$ 0.042 χ^2 /NDF: 173113.4/20

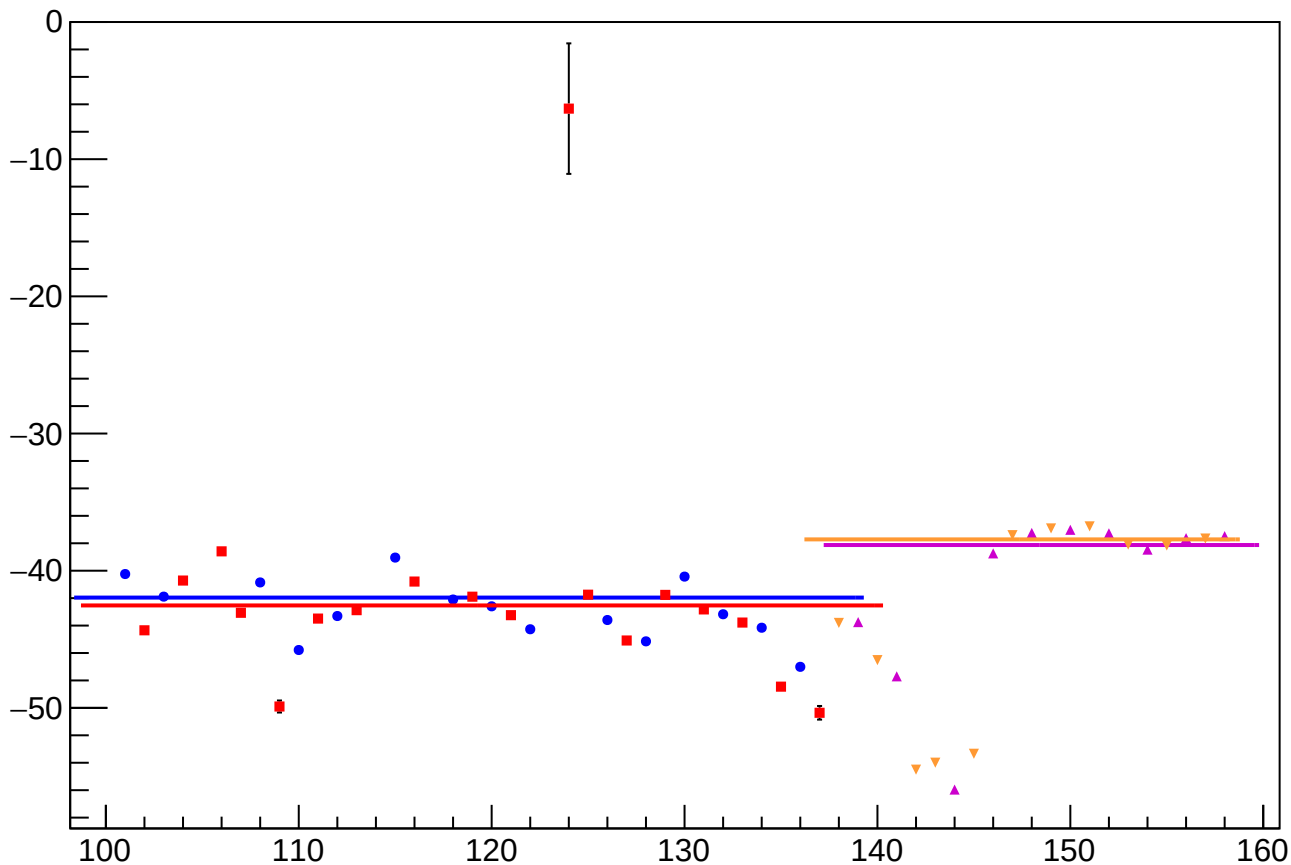
Right: 207.675 $\pm$ 0.061 χ^2 /NDF: 93267.6/32

In: 204.203 $\pm$ 0.048 χ^2 /NDF: 122993.3/24

Out: 205.645 $\pm$ 0.050 χ^2 /NDF: 146047.4/28

All: 204.887 $\pm$ 0.034 χ^2 /NDF: 269476.4/53

dit_usr_11X12X_slope vs Slug, Sign Corrected



Right In: -41.959 $\pm$ 0.016 χ^2/NDF : 24229.7/14

Left Out: -37.717 $\pm$ 0.005 χ^2/NDF : 214579.8/10

Right Out: -42.532 $\pm$ 0.021 χ^2/NDF : 6137.0/17

Left In: -38.128 $\pm$ 0.006 χ^2/NDF : 128817.2/9

Left: -37.911 $\pm$ 0.004 χ^2/NDF : 346149.6/20

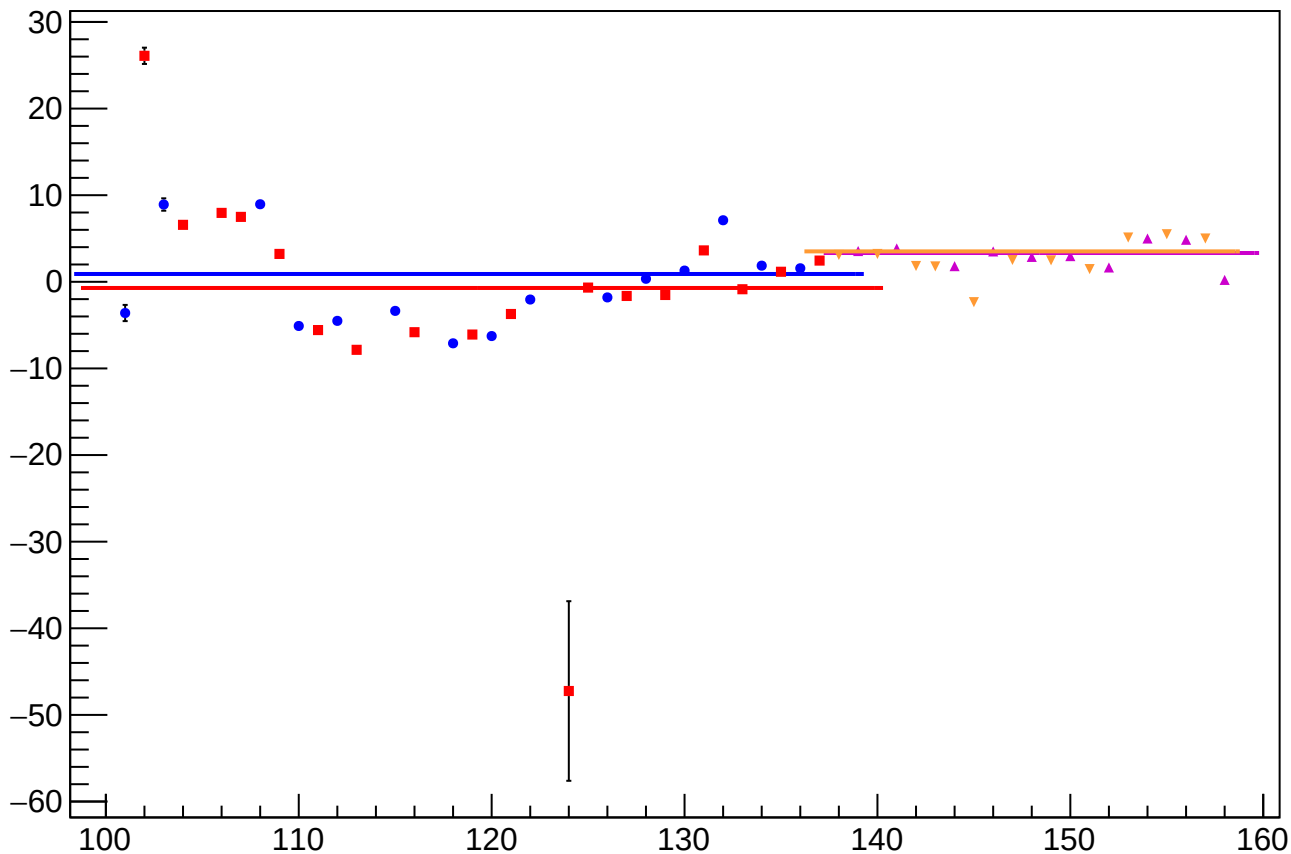
Right: -42.168 $\pm$ 0.012 χ^2/NDF : 30855.6/32

In: -38.577 $\pm$ 0.005 χ^2/NDF : 206252.4/24

Out: -38.023 $\pm$ 0.005 χ^2/NDF : 271609.1/28

All: -38.293 $\pm$ 0.004 χ^2/NDF : 483379.9/53

dit_usr_4aY_slope vs Slug, Sign Corrected



Right In: 0.903 ± 0.020 $\chi^2/\text{NDF}: 21140.4/14$

Left Out: 3.513 ± 0.011 $\chi^2/\text{NDF}: 21310.5/10$

Right Out: -0.711 ± 0.024 $\chi^2/\text{NDF}: 30723.8/17$

Left In: 3.327 ± 0.009 $\chi^2/\text{NDF}: 30940.2/9$

Left: 3.403 ± 0.007 $\chi^2/\text{NDF}: 52417.9/20$

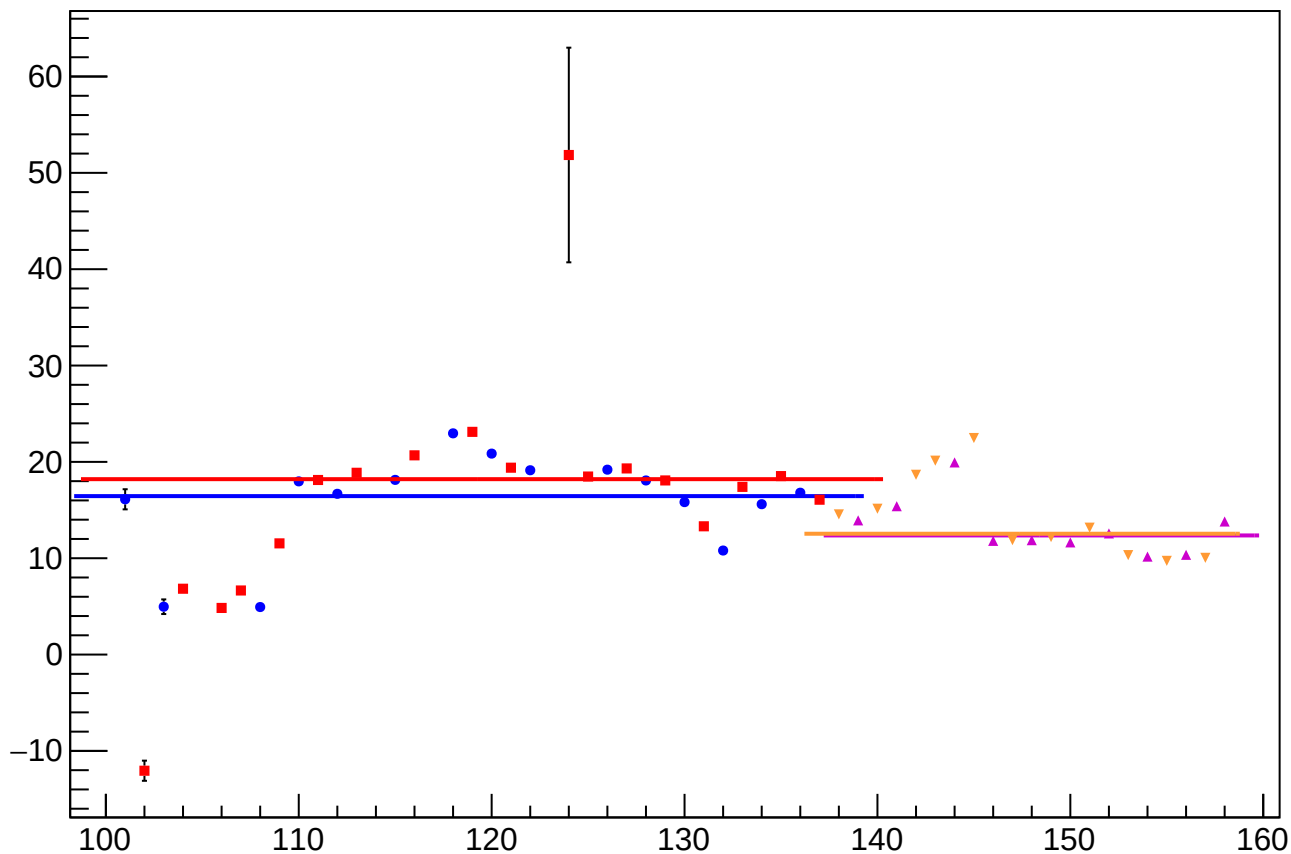
Right: 0.250 ± 0.015 $\chi^2/\text{NDF}: 54492.0/32$

In: 2.904 ± 0.008 $\chi^2/\text{NDF}: 64147.7/24$

Out: 2.788 ± 0.010 $\chi^2/\text{NDF}: 77064.9/28$

All: 2.857 ± 0.006 $\chi^2/\text{NDF}: 141290.3/53$

dit_usr_4eY_slope vs Slug, Sign Corrected



Right In: 16.447 $\pm$ 0.024 χ^2 /NDF: 14183.1/14

Left Out: 12.542 $\pm$ 0.012 χ^2 /NDF: 57548.4/10

Right Out: 18.207 $\pm$ 0.020 χ^2 /NDF: 27493.7/17

Left In: 12.366 $\pm$ 0.011 χ^2 /NDF: 24636.5/9

Left: 12.452 $\pm$ 0.008 χ^2 /NDF: 82304.0/20

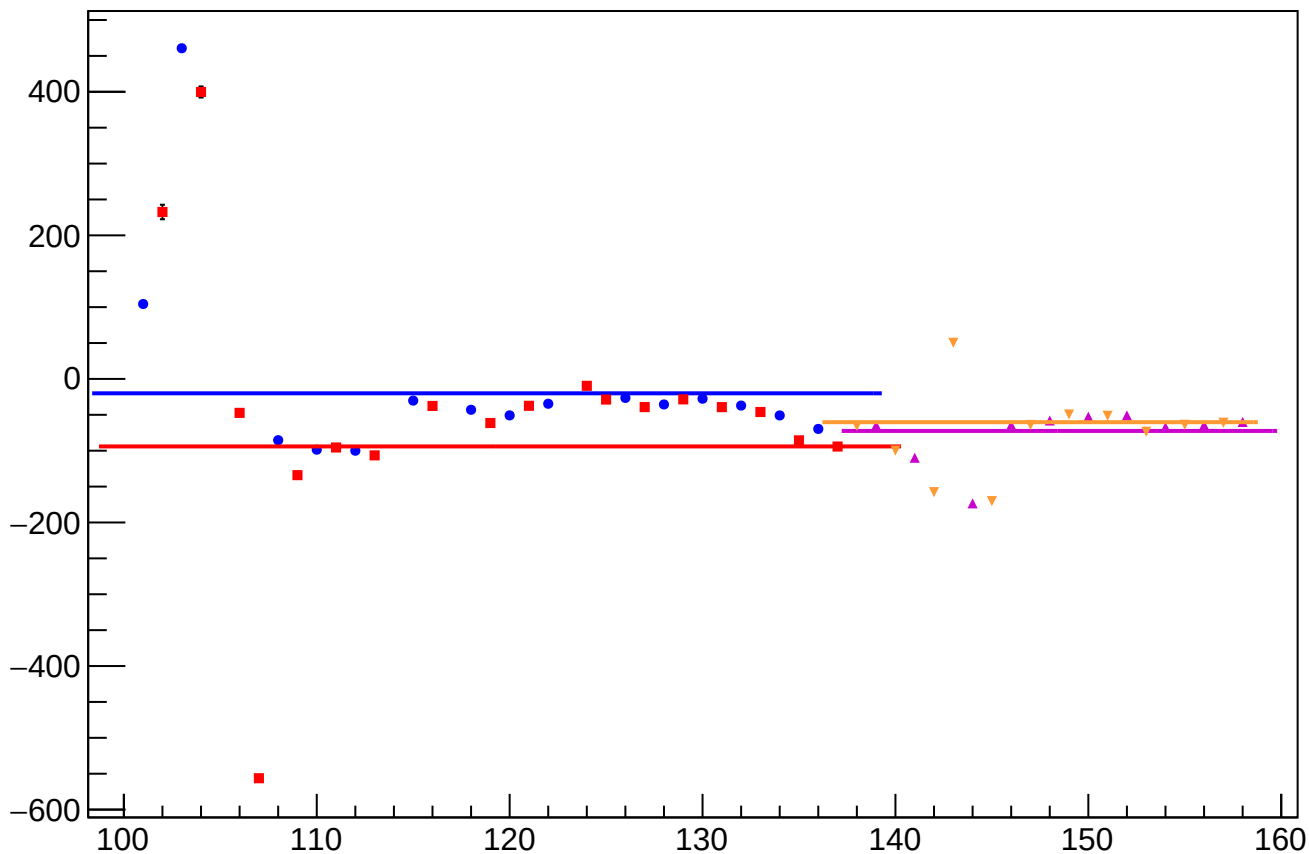
Right: 17.482 $\pm$ 0.016 χ^2 /NDF: 44731.9/32

In: 13.090 $\pm$ 0.010 χ^2 /NDF: 61824.7/24

Out: 13.909 $\pm$ 0.010 χ^2 /NDF: 143360.3/28

All: 13.509 $\pm$ 0.007 χ^2 /NDF: 208440.4/53

dit_atl1_4aX_slope vs Slug, Sign Corrected



Right In: -20.059+/-0.153 χ^2/NDF : 441461.8/14

Left Out: -60.251+/-0.144 χ^2/NDF : 44937.5/10

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: -65.588+/-0.108 χ^2/NDF : 83037.9/20

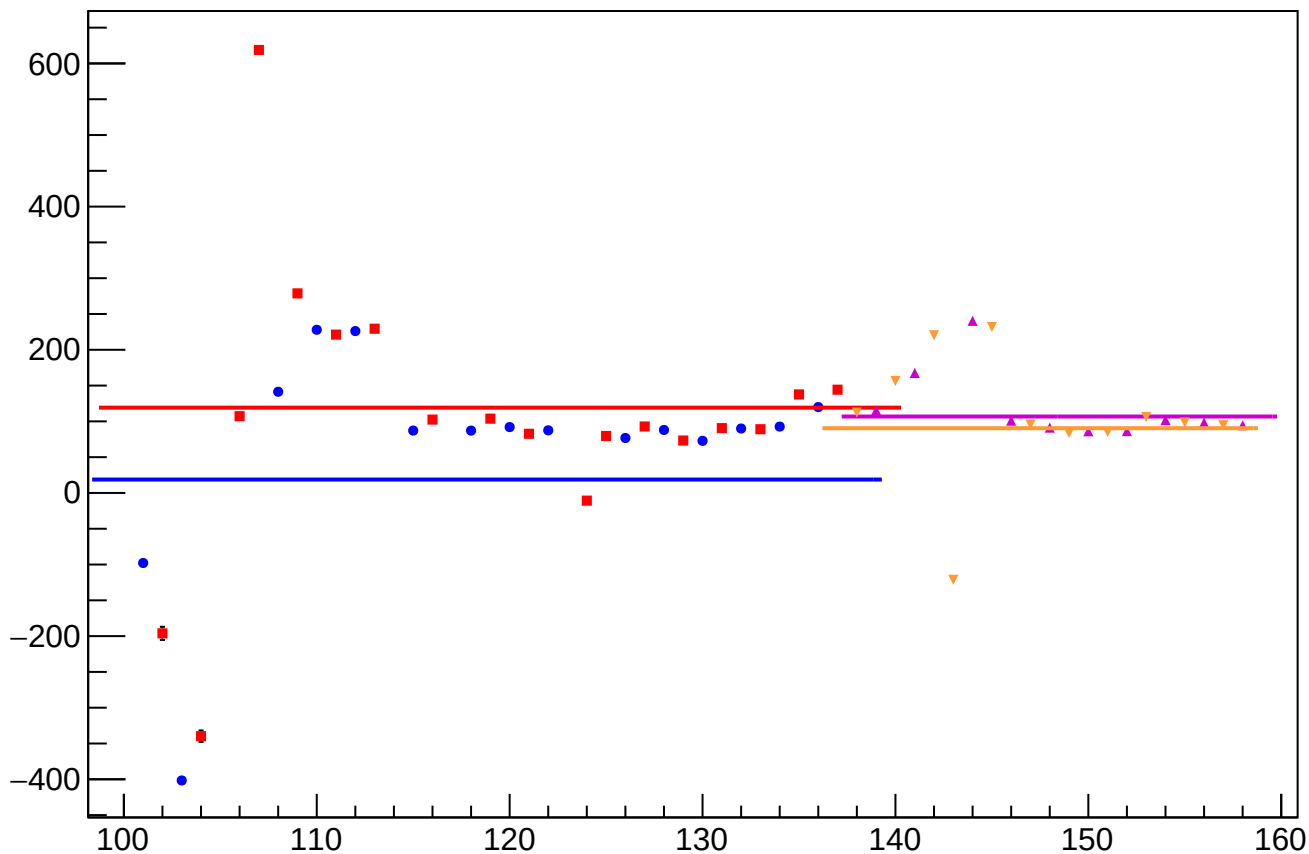
Right: -93.566+/-0.012 χ^2/NDF : 760844.5/32

In: -44.551+/-0.112 χ^2/NDF : 531144.9/24

Out: -93.800+/-0.012 χ^2/NDF : 187080.4/28

All: -93.203+/-0.012 χ^2/NDF : 910026.0/53

dit_atl1_4eX_slope vs Slug, Sign Corrected



Right In: 18.731 ± 0.152 χ^2/NDF : 1101803.8/14

Left Out: 90.449 ± 0.123 χ^2/NDF : 166426.0/10

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: 97.492 ± 0.093 χ^2/NDF : 229777.4/20

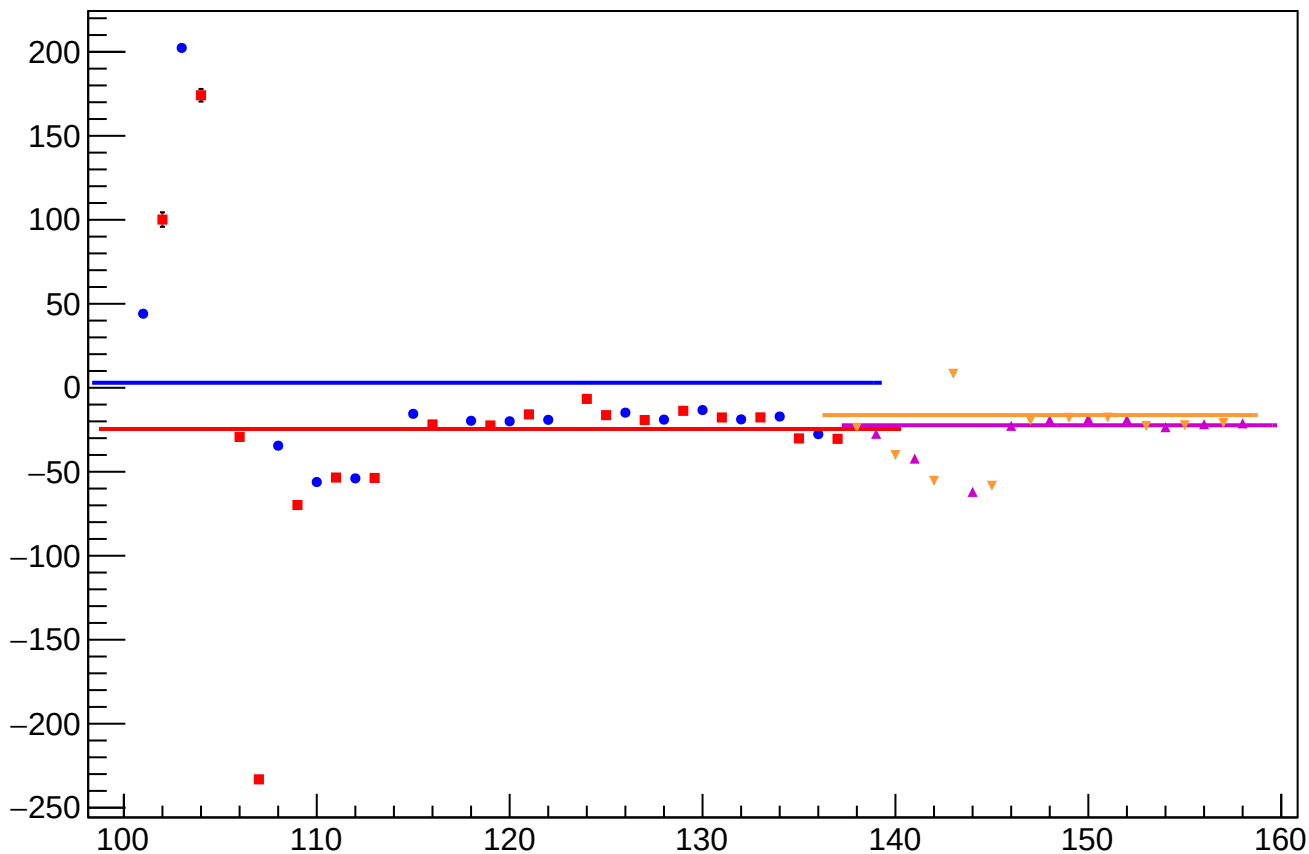
Right: 55.701 ± 0.121 χ^2/NDF : 1349806.5/32

In: 65.959 ± 0.104 χ^2/NDF : 1337361.2/24

Out: 98.389 ± 0.105 χ^2/NDF : 268905.8/28

All: 81.983 ± 0.074 χ^2/NDF : 1654738.3/53

dit_atl1_11X12X_slope vs Slug, Sign Corrected



Right In: 2.991 ± 0.027 $\chi^2/\text{NDF}: 3496745.8/14$

Left Out: -16.237 ± 0.016 $\chi^2/\text{NDF}: 558092.0/10$

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: -18.648 ± 0.013 $\chi^2/\text{NDF}: 731204.2/20$

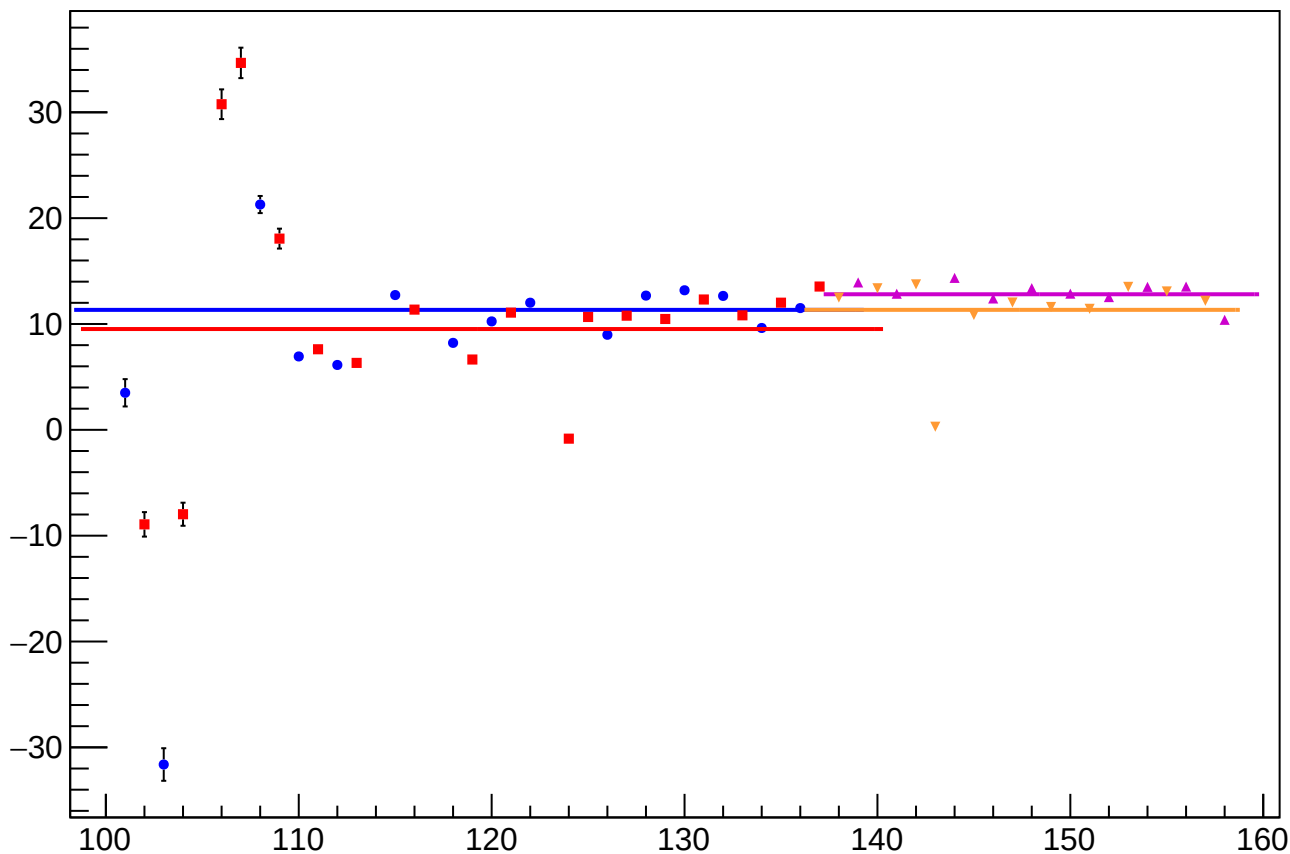
Right: -4.585 ± 0.023 $\chi^2/\text{NDF}: 3961708.4/32$

In: -13.303 ± 0.016 $\chi^2/\text{NDF}: 4184532.3/24$

Out: -17.243 ± 0.015 $\chi^2/\text{NDF}: 766354.4/28$

All: -15.380 ± 0.011 $\chi^2/\text{NDF}: 4982681.8/53$

dit_atl1_4aY_slope vs Slug, Sign Corrected



Right In: 11.334 $\pm$ 0.037 χ^2 /NDF: 2406.0/14

Left Out: 11.337 $\pm$ 0.023 χ^2 /NDF:27774.3/10

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: 12.222 $\pm$ 0.014 χ^2 /NDF: 33403.6/20

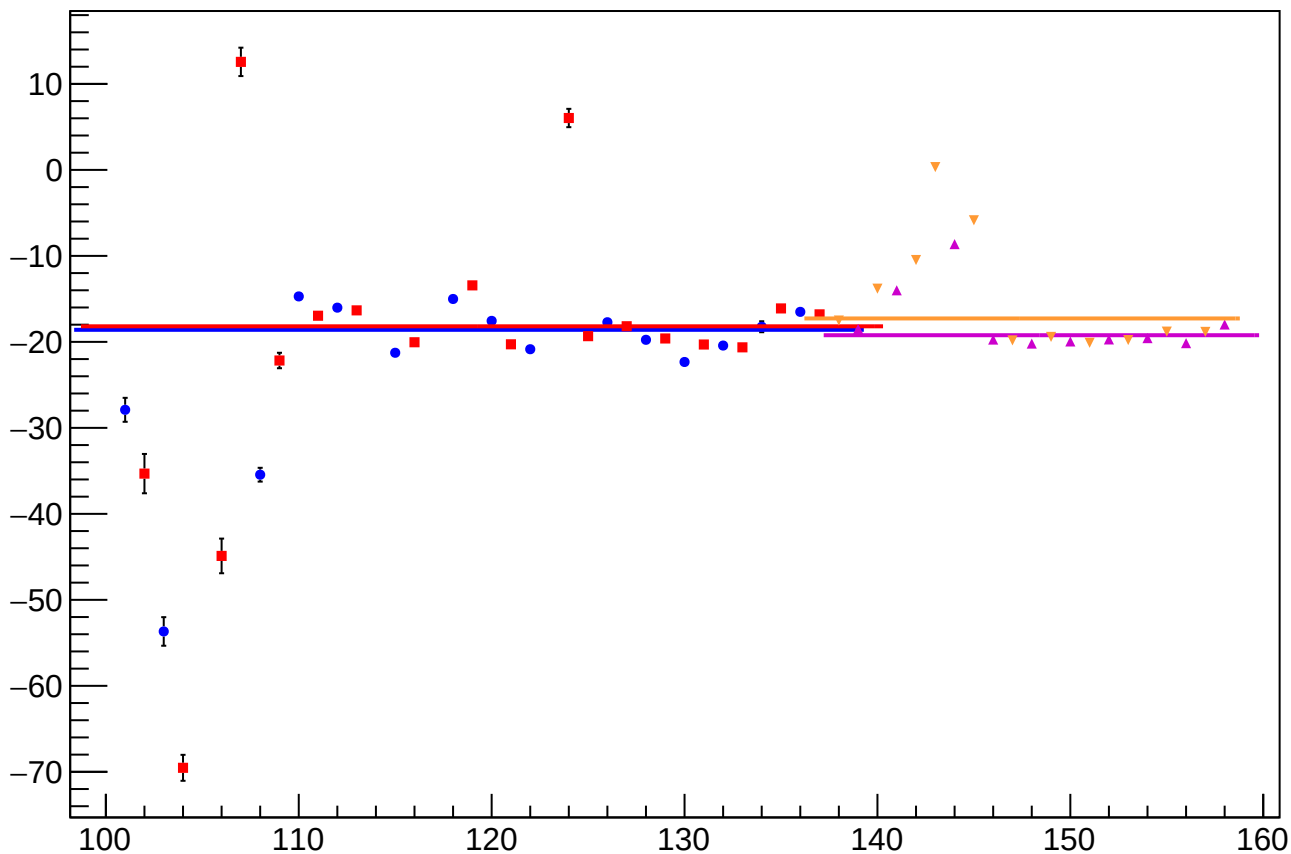
Right: 10.651 $\pm$ 0.029 χ^2 /NDF: 7358.3/32

In: 12.520 $\pm$ 0.017 χ^2 /NDF:6750.1/24

Out: 11.006 $\pm$ 0.020 χ^2 /NDF:33006.7/28

All: 11.922 $\pm$ 0.013 χ^2 /NDF: 43057.8/53

dit_atl1_4eY_slope vs Slug, Sign Corrected



Right In: -18.597 ± 0.037 $\chi^2/\text{NDF}: 6189.1/14$

Left Out: -17.276 ± 0.024 $\chi^2/\text{NDF}: 43888.4/10$

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: -18.370 ± 0.016 $\chi^2/\text{NDF}: 54417.4/20$

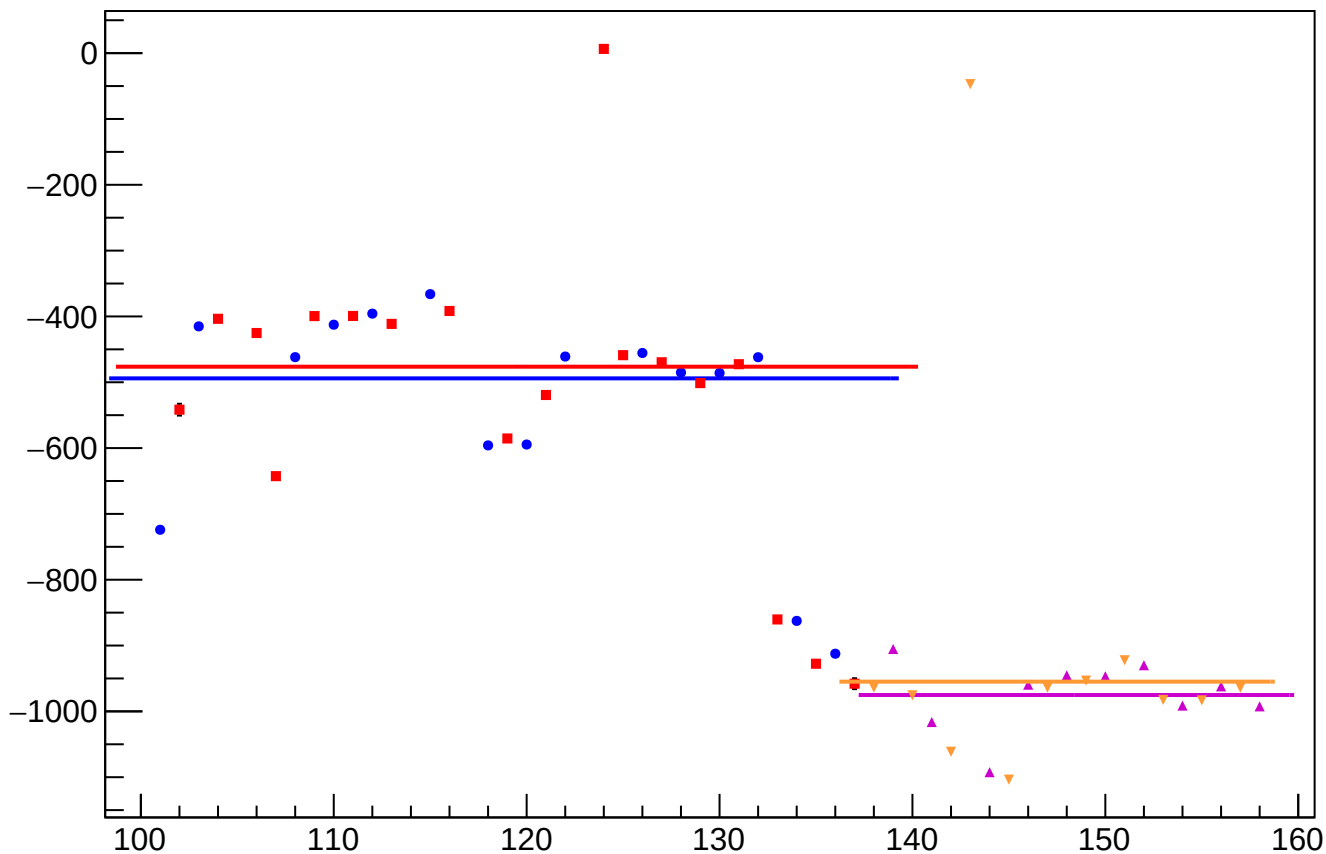
Right: -18.450 ± 0.030 $\chi^2/\text{NDF}: 11113.5/32$

In: -19.073 ± 0.018 $\chi^2/\text{NDF}: 13165.7/24$

Out: -17.447 ± 0.021 $\chi^2/\text{NDF}: 49046.7/28$

All: -18.387 ± 0.014 $\chi^2/\text{NDF}: 65536.6/53$

dit_atl2_4aX_slope vs Slug, Sign Corrected



Right In: -494.081 ± 0.232 $\chi^2/\text{NDF}: 325996.5/14$

Left Out: -954.854 ± 0.240 $\chi^2/\text{NDF}: 308899.3/10$

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: -965.870 ± 0.163 $\chi^2/\text{NDF}: 334935.2/20$

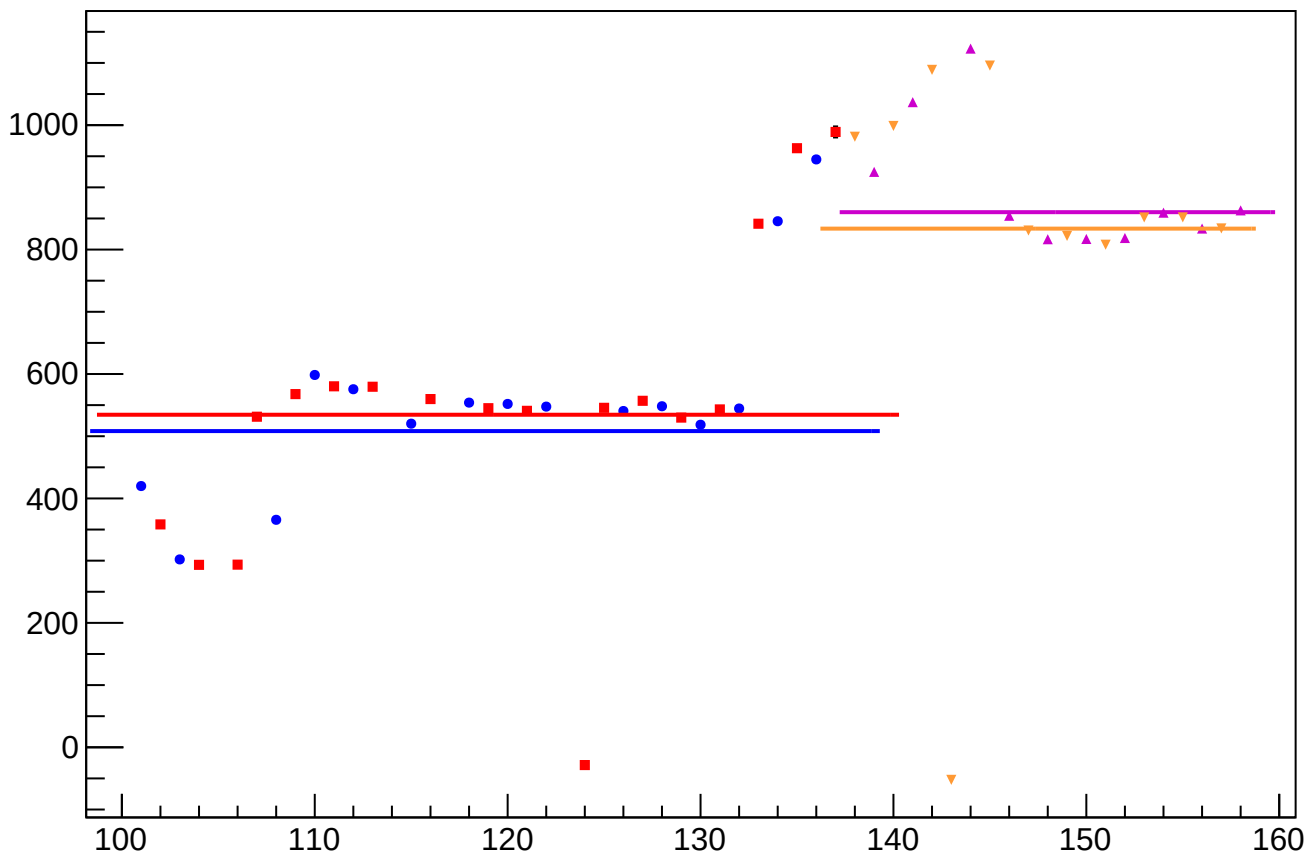
Right: -483.243 ± 0.145 $\chi^2/\text{NDF}: 923680.3/32$

In: -746.480 ± 0.160 $\chi^2/\text{NDF}: 2602247.7/24$

Out: -654.440 ± 0.147 $\chi^2/\text{NDF}: 3389511.9/28$

All: -696.465 ± 0.108 $\chi^2/\text{NDF}: 6171525.3/53$

dit_atl2_4eX_slope vs Slug, Sign Corrected



Right In: 508.267 $\pm$ 0.222 χ^2 /NDF: 439489.9/14

Left Out: 833.680 $\pm$ 0.194 χ^2 /NDF: 410418.9/10

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: 847.088 $\pm$ 0.136 χ^2 /NDF: 506091.3/20

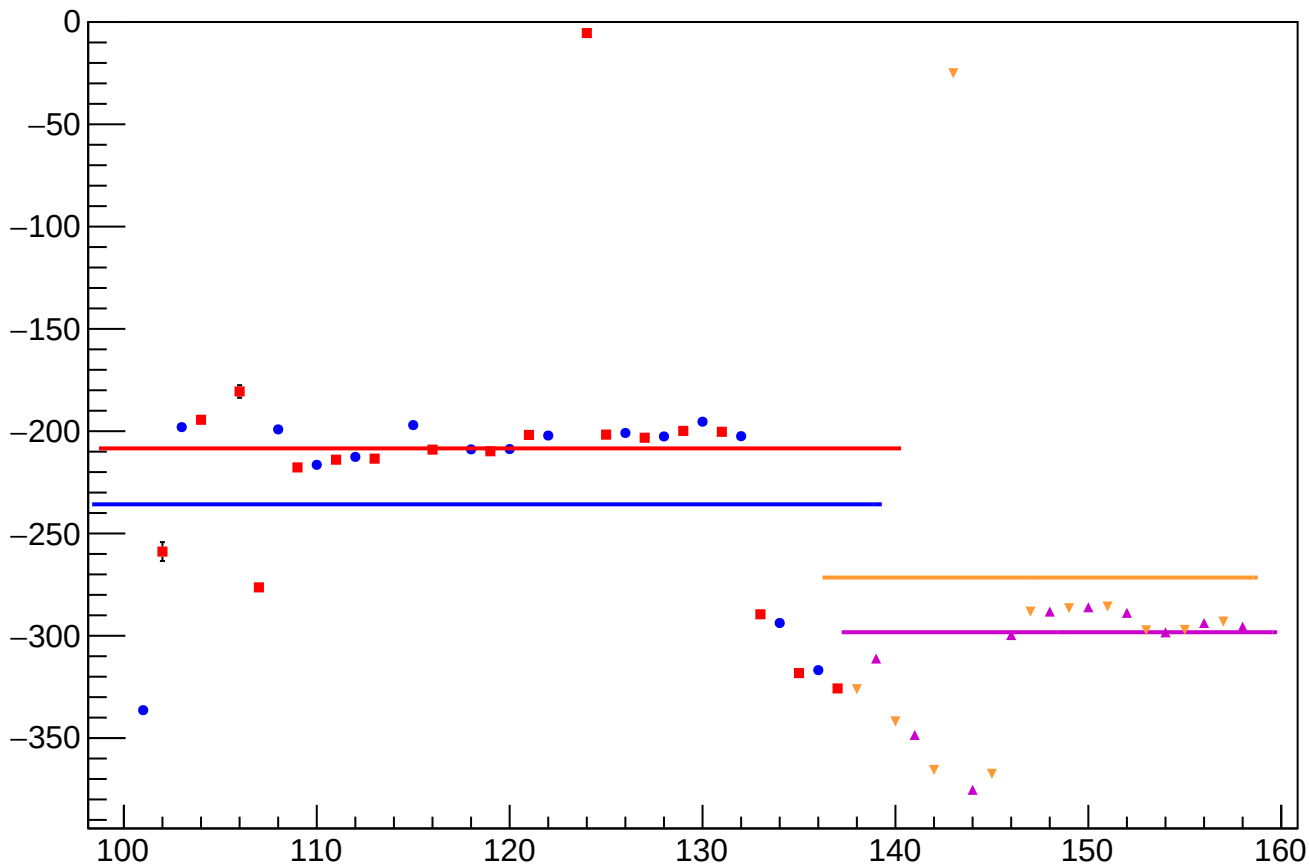
Right: 521.671 $\pm$ 0.155 χ^2 /NDF: 814918.8/32

In: 709.970 $\pm$ 0.145 χ^2 /NDF: 1970042.3/24

Out: 700.897 $\pm$ 0.145 χ^2 /NDF: 1833841.0/28

All: 705.430 $\pm$ 0.102 χ^2 /NDF: 3805847.7/53

dit_atl2_11X12X_slope vs Slug, Sign Corrected



Right In: -235.748 ± 0.055 χ^2/NDF : 876219.5/14

Left Out: -271.550 ± 0.030 χ^2/NDF : 6246529.9/10

Right Out: -208.413 ± 0.047 χ^2/NDF : 375009.3/17

Left In: -298.265 ± 0.031 χ^2/NDF : 226971.3/9

Left: -284.356 ± 0.022 χ^2/NDF : 6853839.8/20

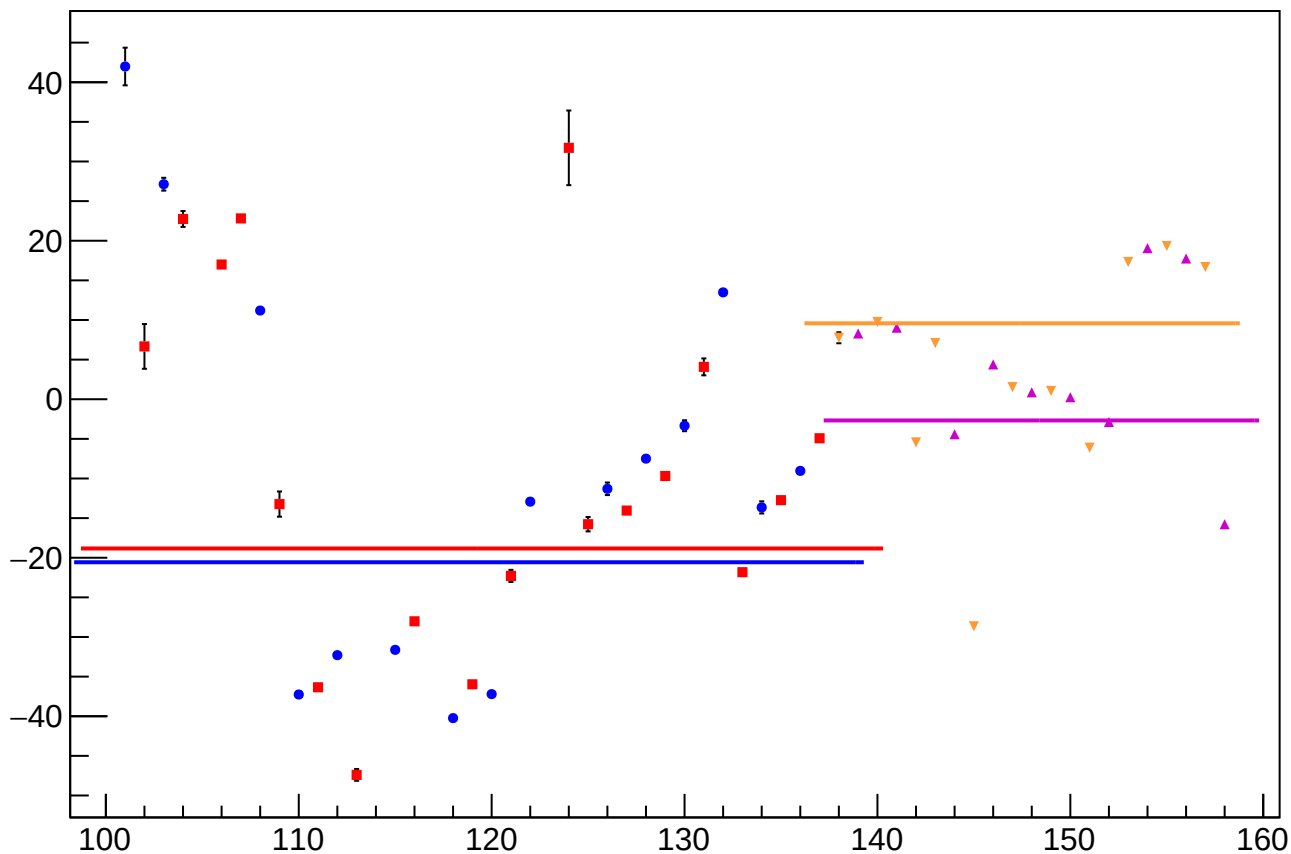
Right: -219.823 ± 0.036 χ^2/NDF : 1393978.3/32

In: -283.096 ± 0.027 χ^2/NDF : 2073811.8/24

Out: -253.138 ± 0.025 χ^2/NDF : 7913871.7/28

All: -266.999 ± 0.019 χ^2/NDF : 10639357.1/5

dit_atl2_4aY_slope vs Slug, Sign Corrected



Right In: -20.569 ± 0.071 χ^2/NDF : 63404.0/14

Left Out: 9.581 ± 0.036 χ^2/NDF : 54763.0/10

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: 1.448 ± 0.021 χ^2/NDF : 374297.2/20

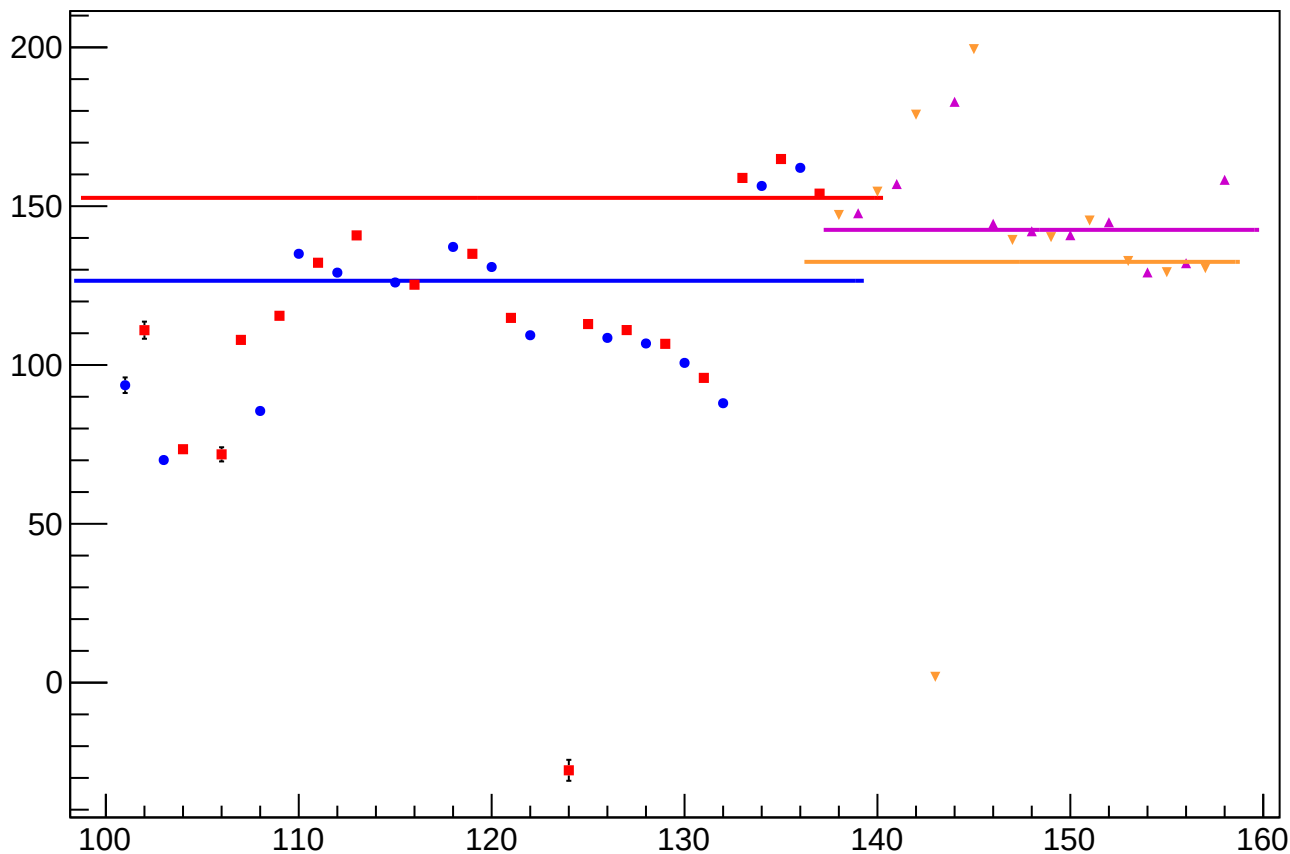
Right: -20.041 ± 0.060 χ^2/NDF : 84439.6/32

In: -4.702 ± 0.024 χ^2/NDF : 360881.2/24

Out: 6.770 ± 0.034 χ^2/NDF : 137971.3/28

All: -0.882 ± 0.020 χ^2/NDF : 574931.7/53

dit_atl2_4eY_slope vs Slug, Sign Corrected



Right In: 126.517 ± 0.084 $\chi^2/\text{NDF}: 114967.3/14$

Left Out: 132.477 ± 0.045 $\chi^2/\text{NDF}: 383105.4/10$

Right Out: 152.620 ± 0.030 $\chi^2/\text{NDF}: 74022.9/17$

Left In: 142.549 ± 0.035 $\chi^2/\text{NDF}: 96357.9/9$

Left: 138.758 ± 0.028 $\chi^2/\text{NDF}: 510354.1/20$

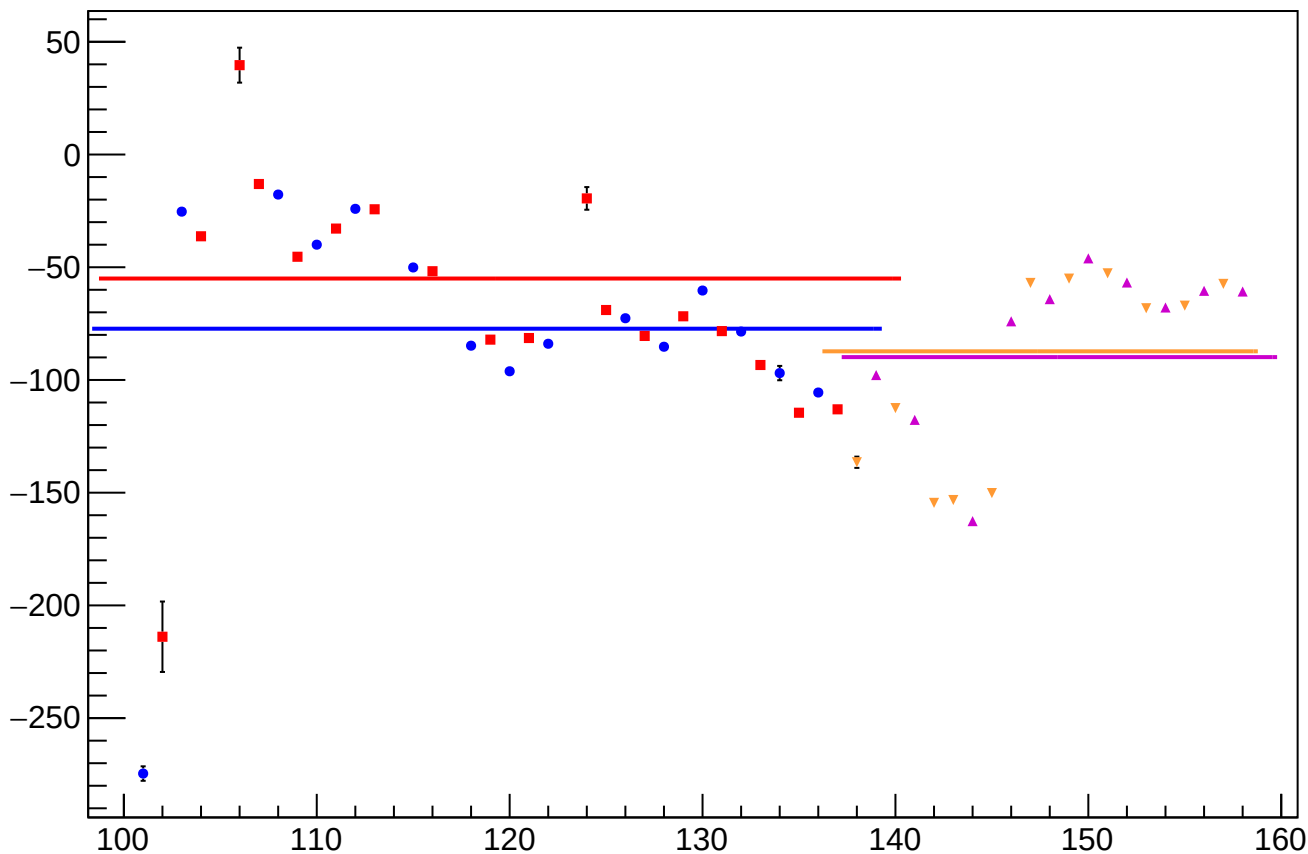
Right: 149.605 ± 0.029 $\chi^2/\text{NDF}: 274404.9/32$

In: 140.159 ± 0.032 $\chi^2/\text{NDF}: 242321.7/24$

Out: 146.370 ± 0.025 $\chi^2/\text{NDF}: 593780.4/28$

All: 144.031 ± 0.020 $\chi^2/\text{NDF}: 858966.9/53$

dit_atr1_4aX_slope vs Slug, Sign Corrected



Right In: -77.260 ± 0.146 $\chi^2/\text{NDF}: 30356.0/14$

Left Out: -87.297 ± 0.170 $\chi^2/\text{NDF}: 51533.3/10$

Right Out: -55.005 ± 0.190 $\chi^2/\text{NDF}: 23629.0/17$

Left In: -89.863 ± 0.168 $\chi^2/\text{NDF}: 49403.0/9$

Left: -88.599 ± 0.120 $\chi^2/\text{NDF}: 101051.2/20$

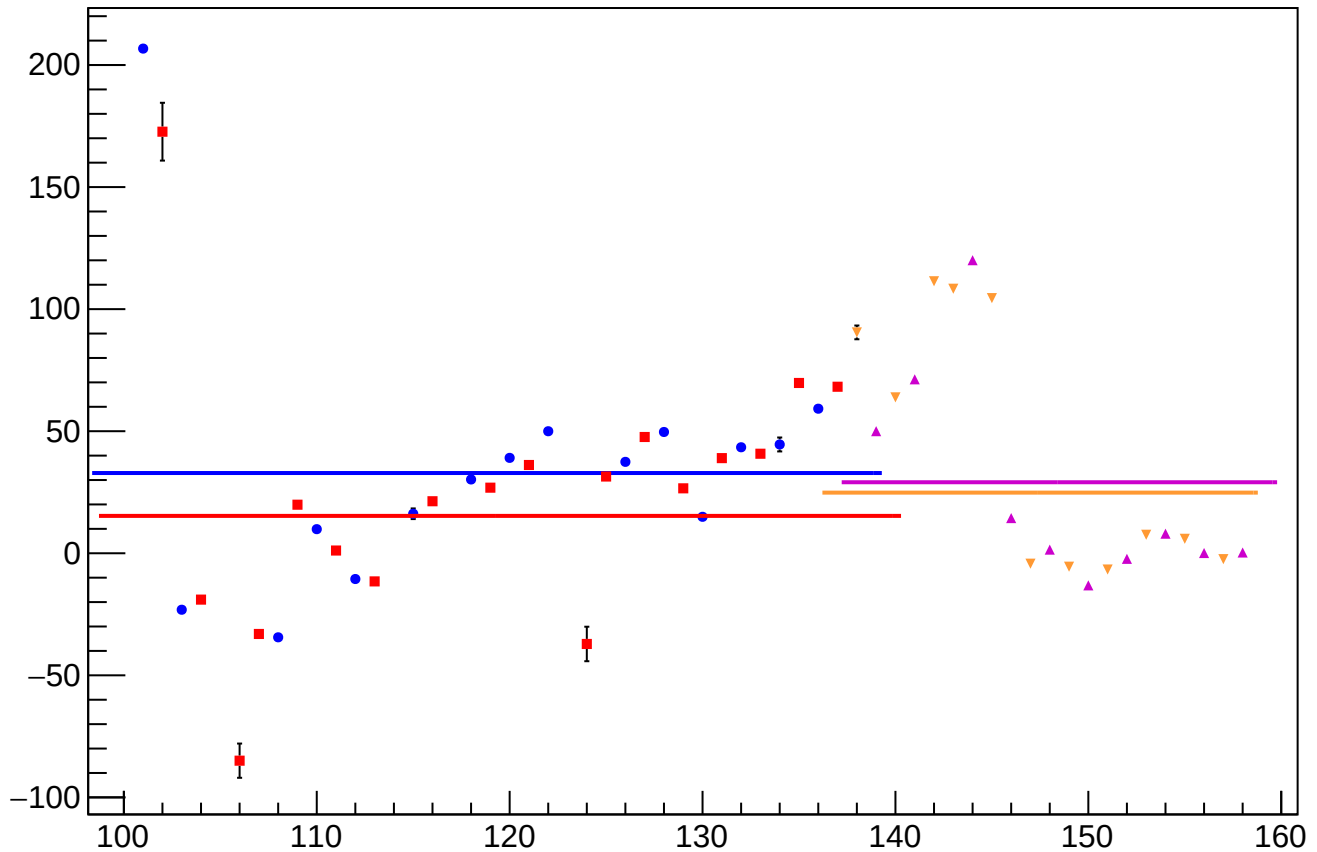
Right: -68.980 ± 0.116 $\chi^2/\text{NDF}: 62576.3/32$

In: -82.702 ± 0.110 $\chi^2/\text{NDF}: 82956.3/24$

Out: -72.919 ± 0.127 $\chi^2/\text{NDF}: 91142.2/28$

All: -78.490 ± 0.083 $\chi^2/\text{NDF}: 177479.8/53$

dit_atr1_4eX_slope vs Slug, Sign Corrected



Right In: 32.869 ± 0.146 χ^2/NDF : 31393.7/14

Left Out: 24.842 ± 0.149 χ^2/NDF : 82773.7/10

Right Out: 15.309 ± 0.210 χ^2/NDF : 16746.0/17

Left In: 29.089 ± 0.149 χ^2/NDF : 76914.9/9

Left: 26.967 ± 0.105 χ^2/NDF : 160096.8/20

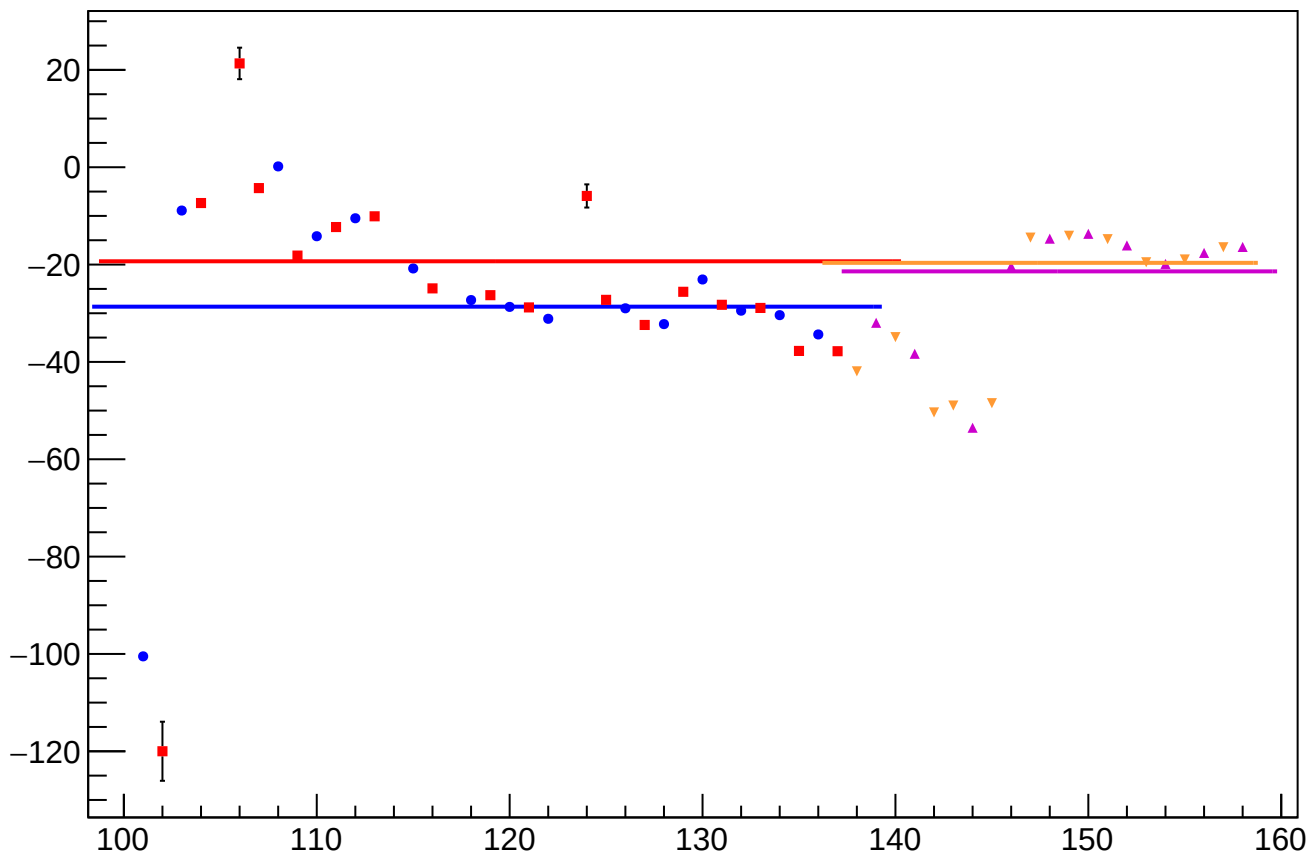
Right: 27.134 ± 0.120 χ^2/NDF : 52862.9/32

In: 31.012 ± 0.104 χ^2/NDF : 108637.7/24

Out: 21.652 ± 0.121 χ^2/NDF : 100895.0/28

All: 27.039 ± 0.079 χ^2/NDF : 212960.7/53

dit_atr1_11X12X_slope vs Slug, Sign Corrected



Right In: -28.648 ± 0.034 χ^2/NDF : 113441.9/14

Left Out: -19.643 ± 0.020 χ^2/NDF : 211461.6/10

Right Out: -19.325 ± 0.039 χ^2/NDF : 56579.1/17

Left In: -21.397 ± 0.022 χ^2/NDF : 172615.8/9

Left: -20.440 ± 0.015 χ^2/NDF : 387692.3/20

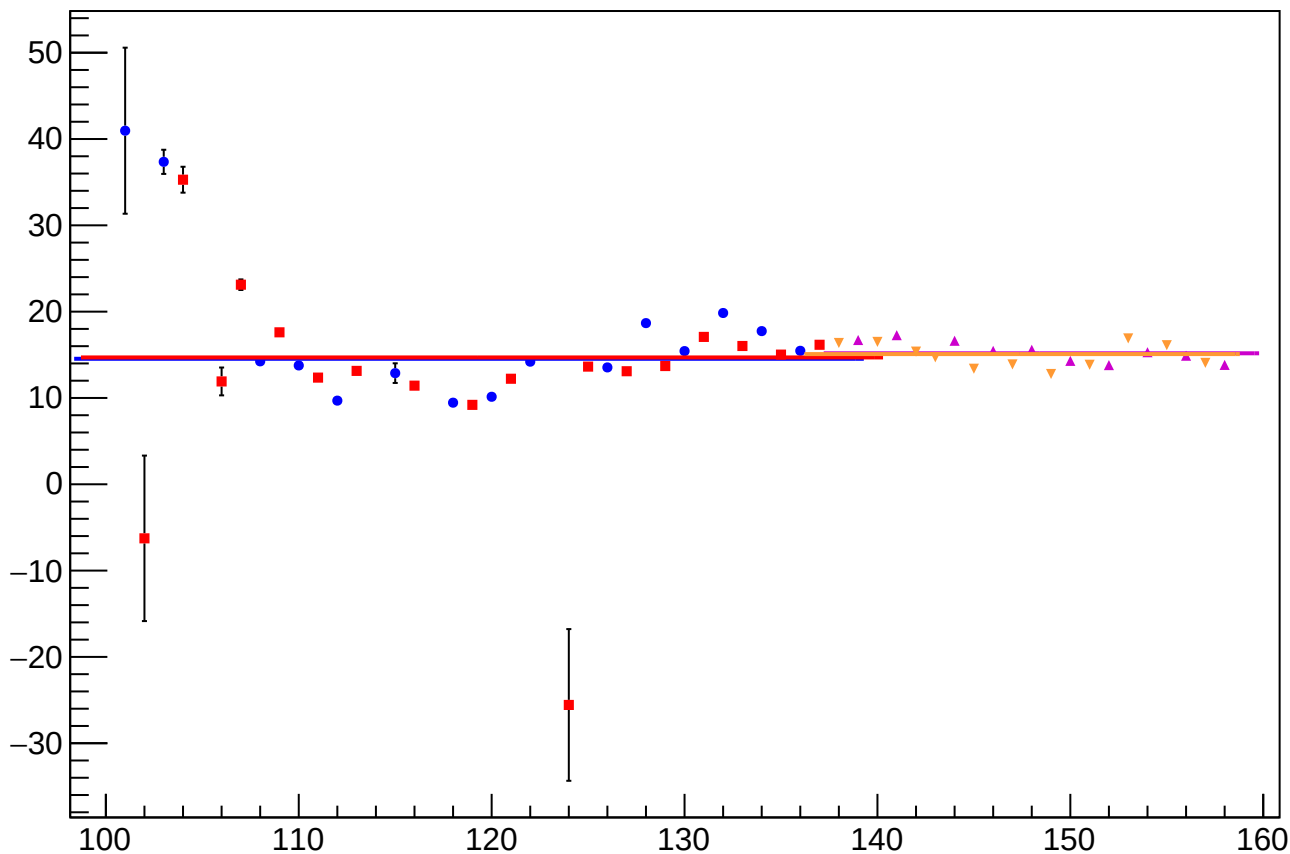
Right: -24.627 ± 0.026 χ^2/NDF : 201944.0/32

In: -23.454 ± 0.018 χ^2/NDF : 318131.1/24

Out: -19.579 ± 0.018 χ^2/NDF : 268093.1/28

All: -21.446 ± 0.013 χ^2/NDF : 609585.0/53

dit_atr1_4aY_slope vs Slug, Sign Corrected



Right In: 14.539+/-0.030 χ^2/NDF : 12071.8/14

Left Out: 15.083+/-0.021 χ^2/NDF : 4470.4/10

Right Out: 14.695+/-0.044 χ^2/NDF : 1633.0/17

Left In: 15.175+/-0.020 χ^2/NDF : 3360.2/9

Left: 15.131+/-0.014 χ^2/NDF : 7840.6/20

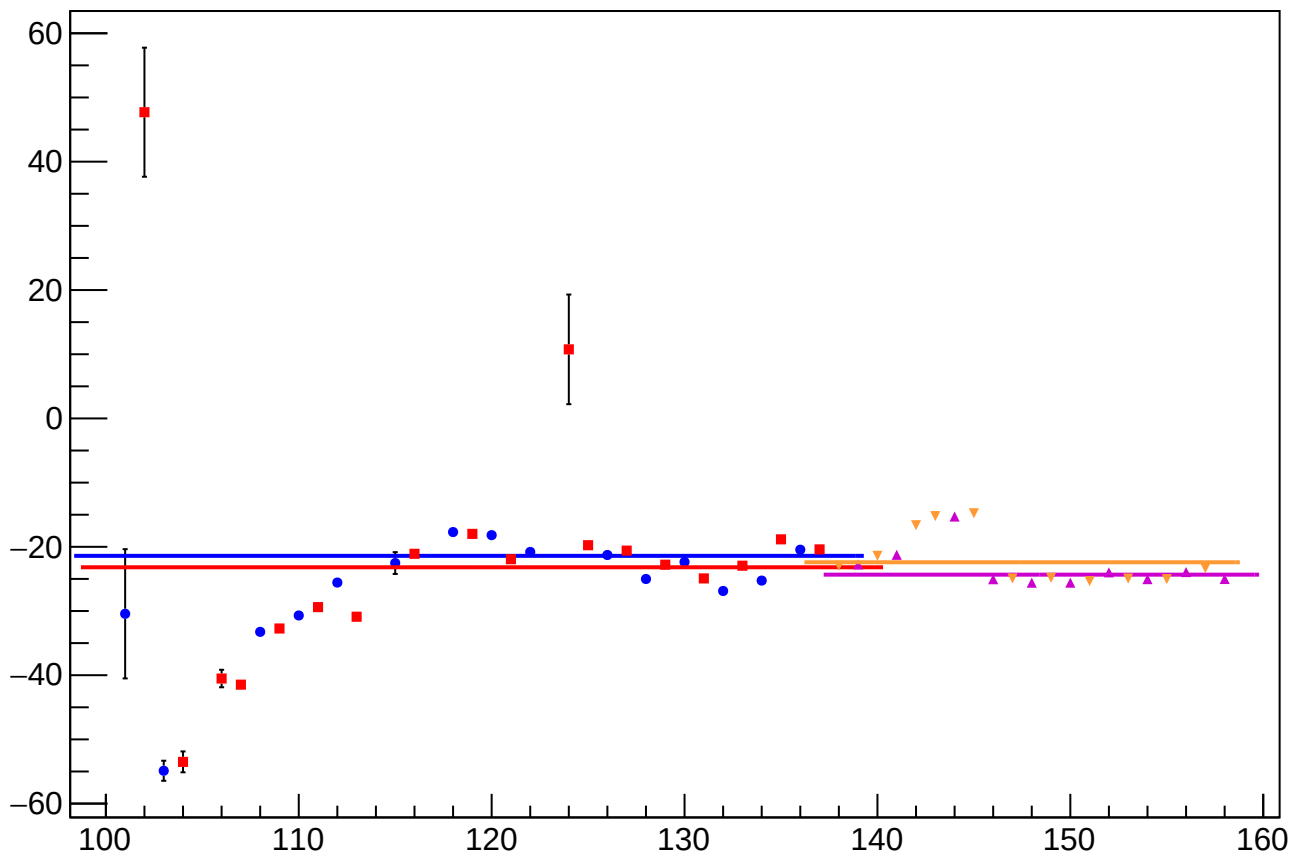
Right: 14.589+/-0.025 χ^2/NDF : 13713.5/32

In: 14.978+/-0.017 χ^2/NDF : 15746.4/24

Out: 15.010+/-0.019 χ^2/NDF : 6167.9/28

All: 14.992+/-0.012 χ^2/NDF : 21915.9/53

dit_atr1_4eY_slope vs Slug, Sign Corrected



Right In: -21.406 ± 0.036 $\chi^2/\text{NDF}: 9686.6/14$

Left Out: -22.407 ± 0.024 $\chi^2/\text{NDF}: 26195.7/10$

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: -23.475 ± 0.016 $\chi^2/\text{NDF}: 37299.5/20$

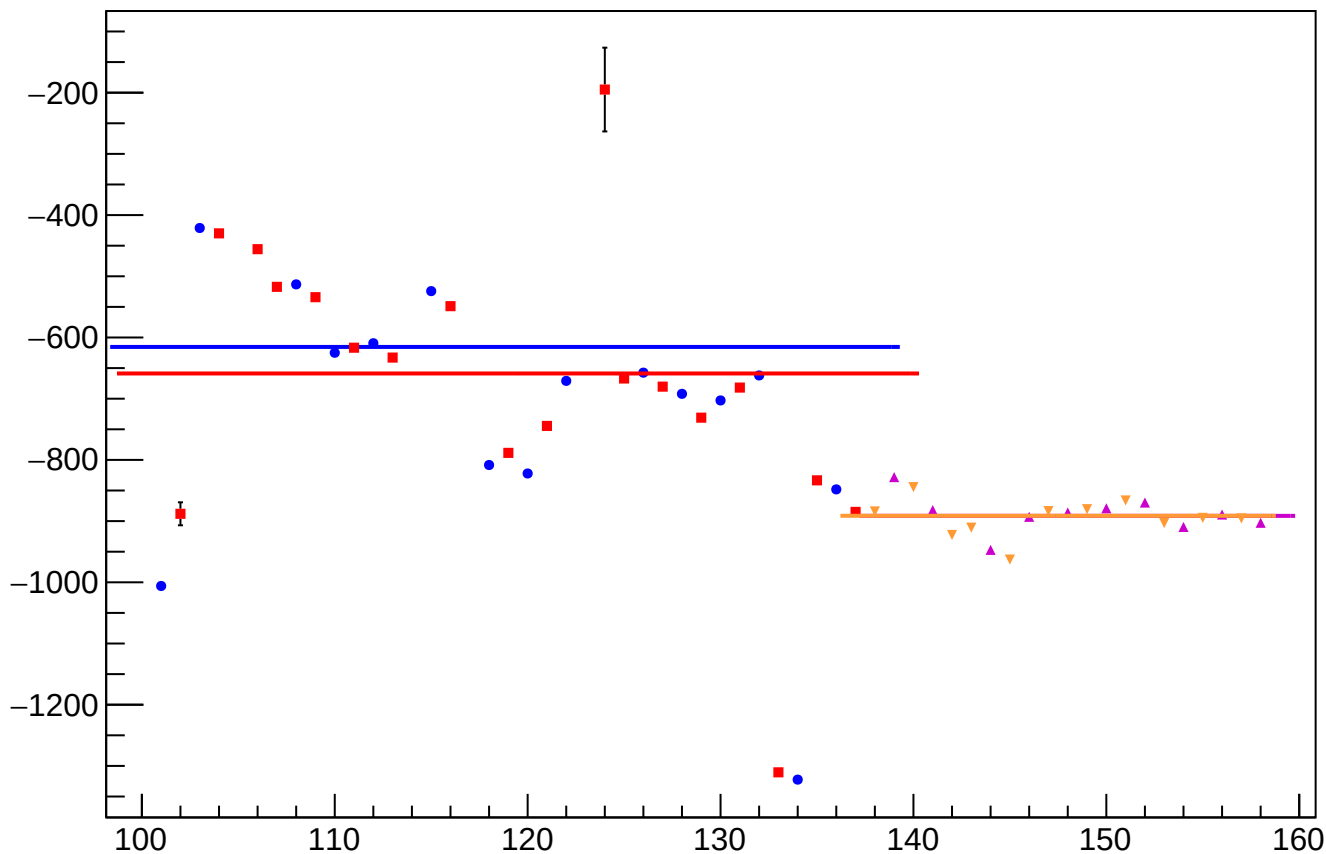
Right: -21.987 ± 0.029 $\chi^2/\text{NDF}: 19630.5/32$

In: -23.553 ± 0.018 $\chi^2/\text{NDF}: 22163.5/24$

Out: -22.547 ± 0.022 $\chi^2/\text{NDF}: 35513.1/28$

All: -23.132 ± 0.014 $\chi^2/\text{NDF}: 58928.3/53$

dit_atr2_4aX_slope vs Slug, Sign Corrected



Right In: -615.419+/-0.238 χ^2/NDF : 382819.1/14

Left Out: -891.298+/-0.200 χ^2/NDF :11140.8/10

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: -891.384+/-0.128 χ^2/NDF : 24128.2/20

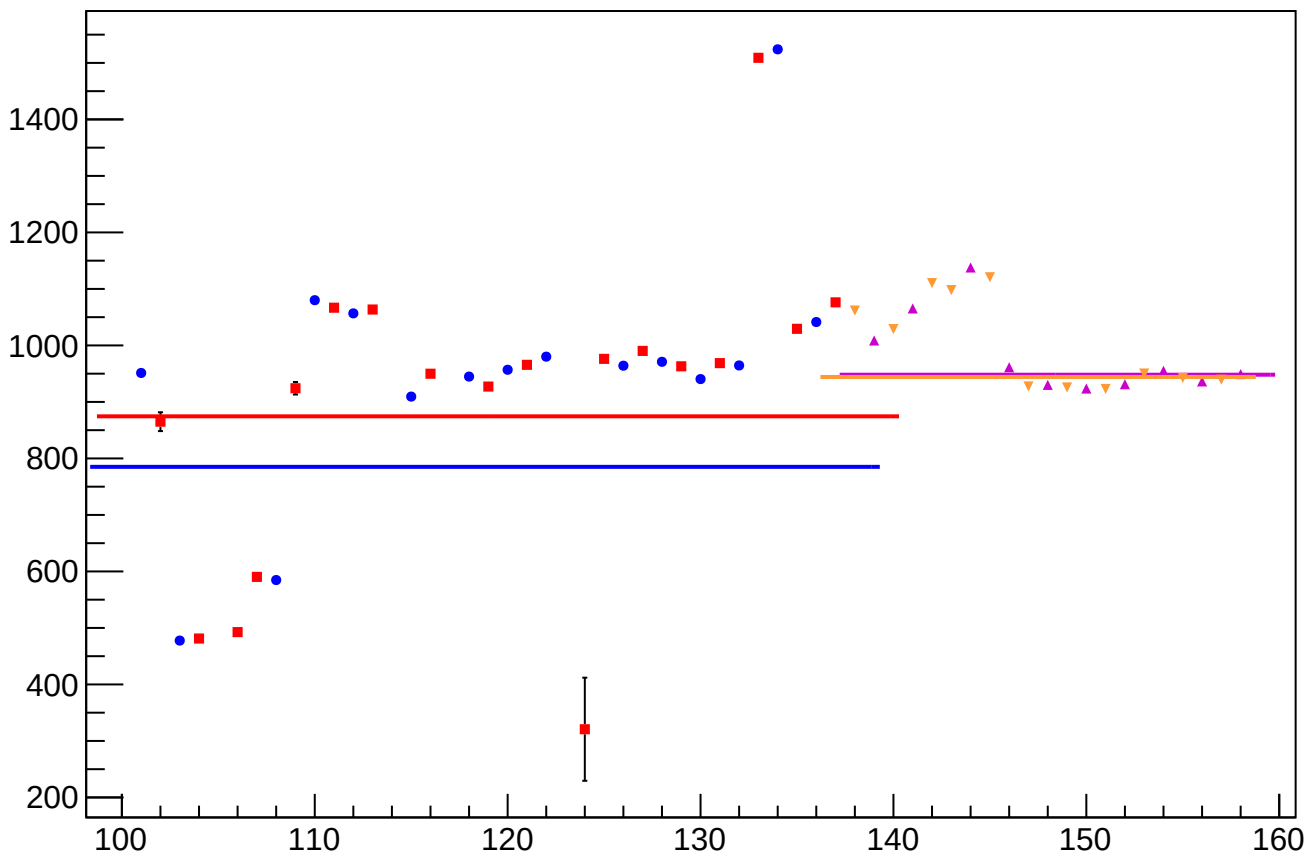
Right: -635.464+/-0.174 χ^2/NDF : 783480.4/32

In: -800.300+/-0.137 χ^2/NDF :1299747.0/24

Out: -803.467+/-0.158 χ^2/NDF :908518.3/28

All: -801.658+/-0.103 χ^2/NDF : 2208496.2/53

dit_atr2_4eX_slope vs Slug, Sign Corrected



Right In: 785.095+/-0.228 χ^2/NDF : 886147.1/14

Left Out: 944.189+/-0.161 χ^2/NDF : 67979.4/10

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: 946.478+/-0.105 χ^2/NDF : 142085.6/20

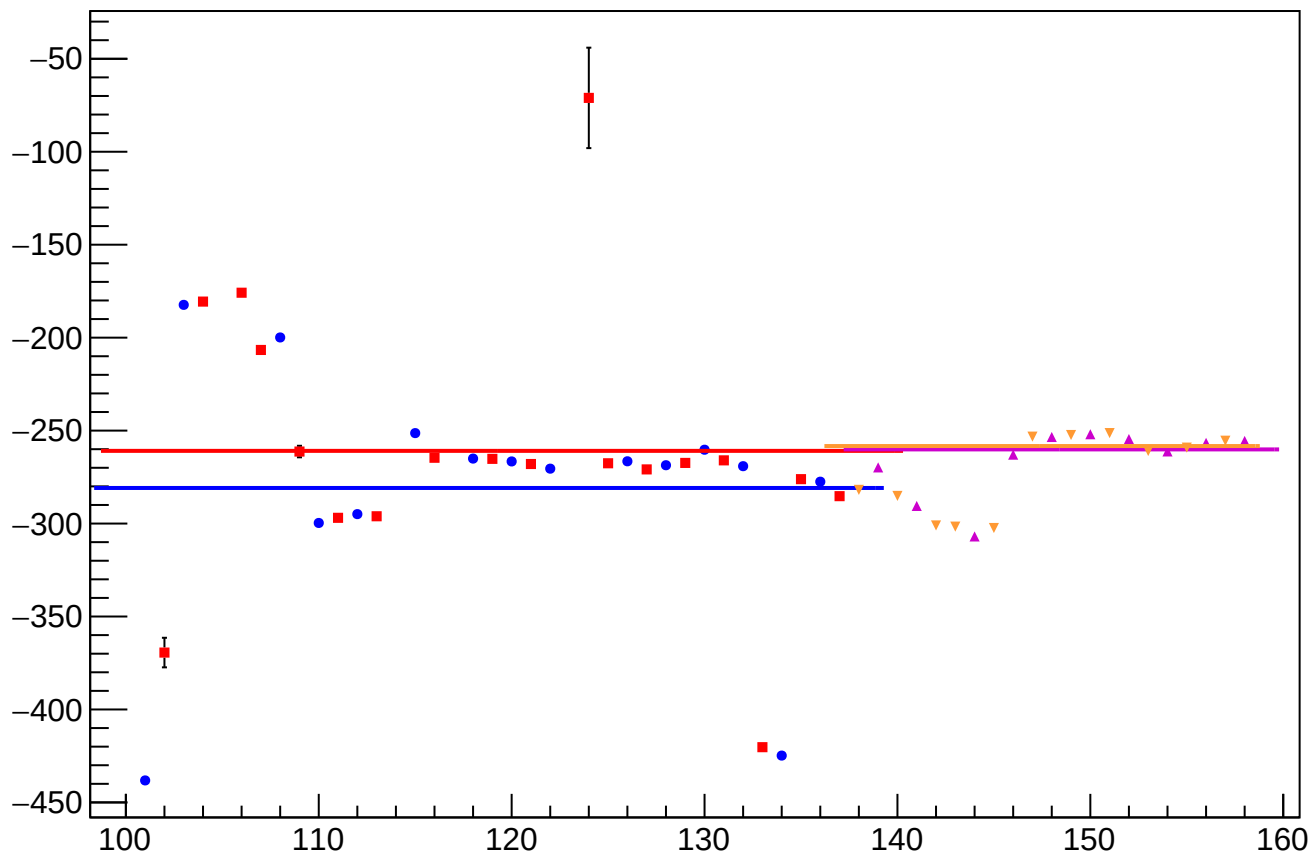
Right: 823.762+/-0.172 χ^2/NDF : 1795202.4/32

In: 904.351+/-0.118 χ^2/NDF : 1333870.9/24

Out: 925.007+/-0.137 χ^2/NDF : 962083.5/28

All: 913.160+/-0.090 χ^2/NDF : 2308977.5/53

dit_atr2_11X12X_slope vs Slug, Sign Corrected



Right In: -280.856 ± 0.059 $\chi^2/\text{NDF}: 873611.1/14$

Left Out: -258.307 ± 0.026 $\chi^2/\text{NDF}: 156280.2/10$

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: -259.256 ± 0.018 $\chi^2/\text{NDF}: 333945.3/20$

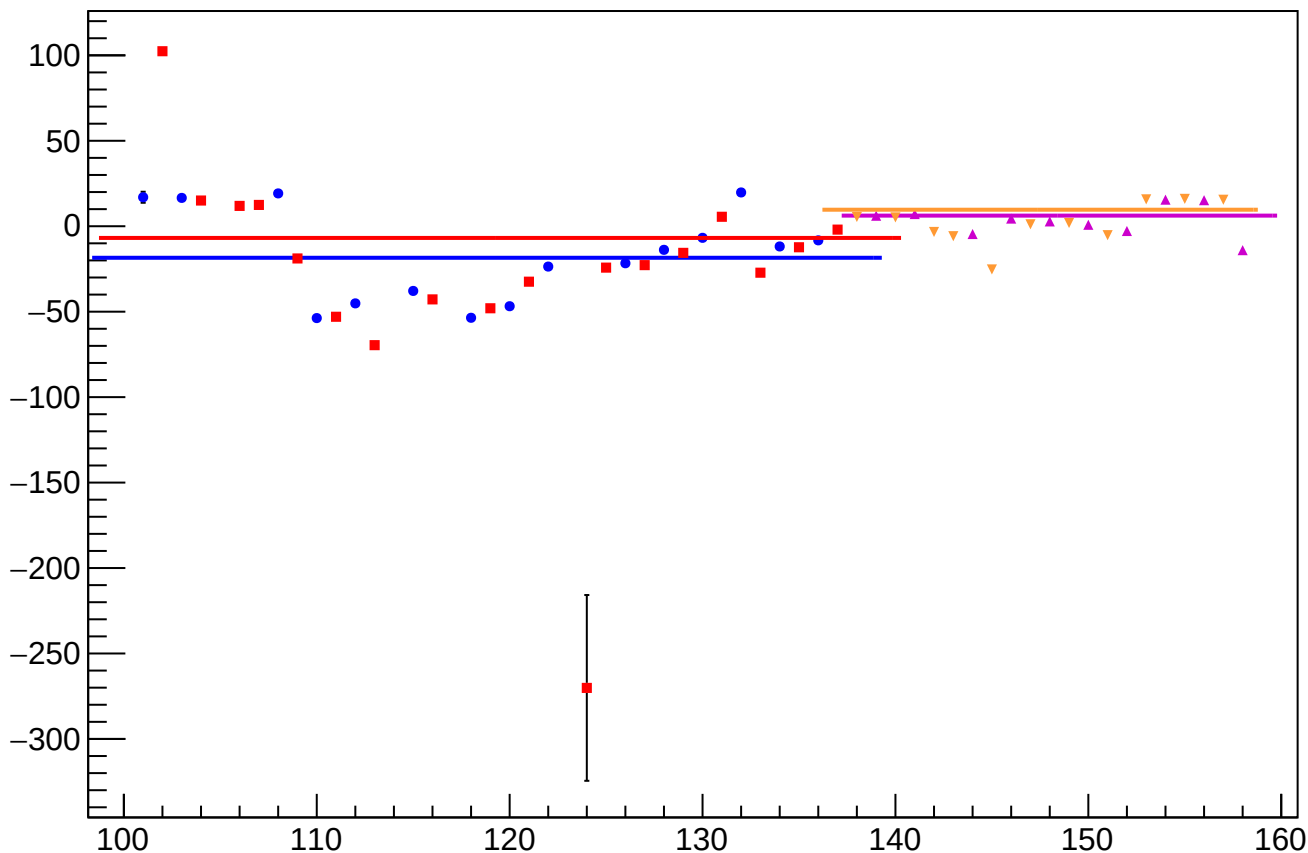
Right: -272.298 ± 0.044 $\chi^2/\text{NDF}: 1271185.3/32$

In: -263.192 ± 0.023 $\chi^2/\text{NDF}: 1155591.3/24$

Out: -258.633 ± 0.024 $\chi^2/\text{NDF}: 505281.7/28$

All: -261.052 ± 0.016 $\chi^2/\text{NDF}: 1680074.9/53$

dit_atr2_4aY_slope vs Slug, Sign Corrected



Right In: -18.452 ± 0.091 $\chi^2/\text{NDF}: 46574.6/14$

Left Out: 9.665 ± 0.035 $\chi^2/\text{NDF}: 47612.9/10$

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: 7.421 ± 0.021 $\chi^2/\text{NDF}: 210612.1/20$

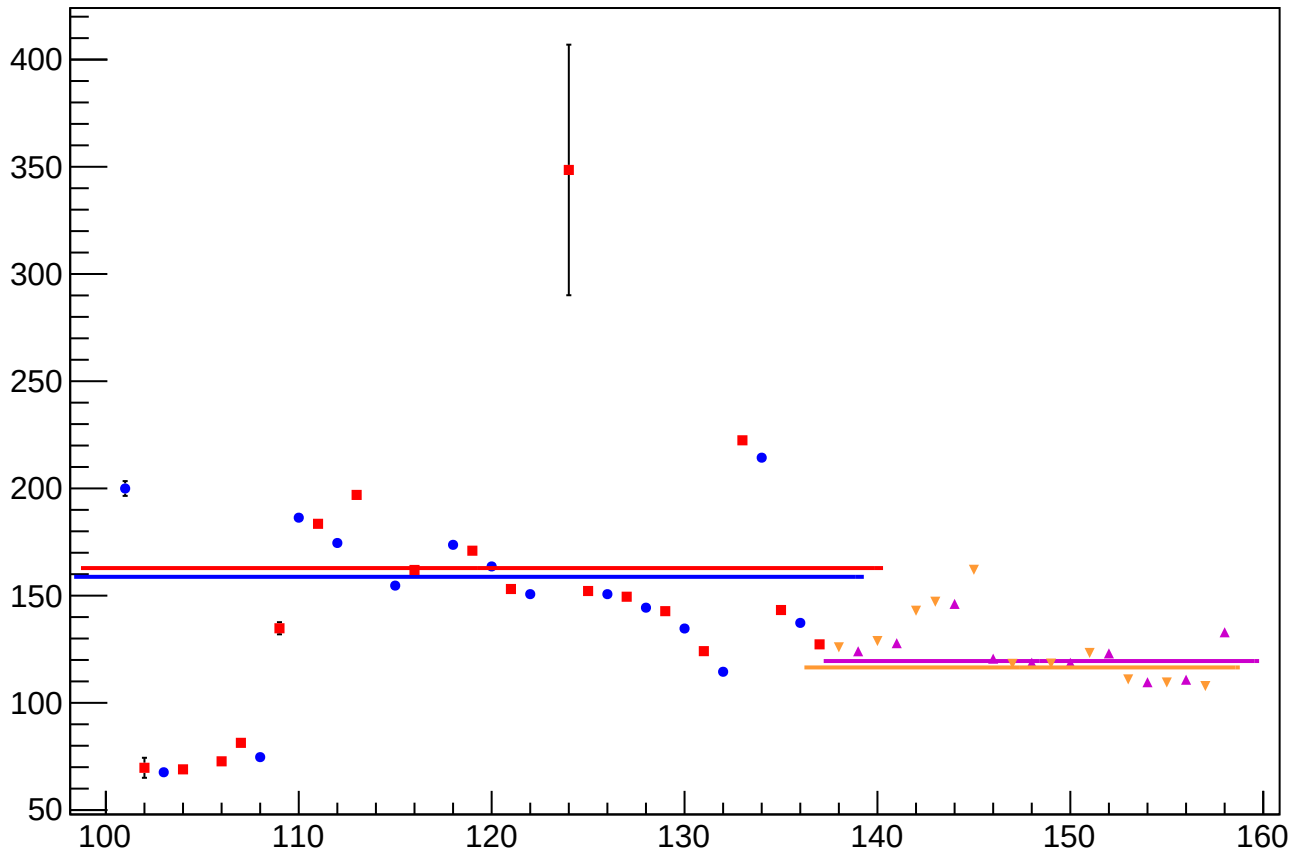
Right: -10.715 ± 0.053 $\chi^2/\text{NDF}: 107378.5/32$

In: 4.367 ± 0.025 $\chi^2/\text{NDF}: 270955.8/24$

Out: 5.850 ± 0.031 $\chi^2/\text{NDF}: 147888.4/28$

All: 4.950 ± 0.019 $\chi^2/\text{NDF}: 420230.7/53$

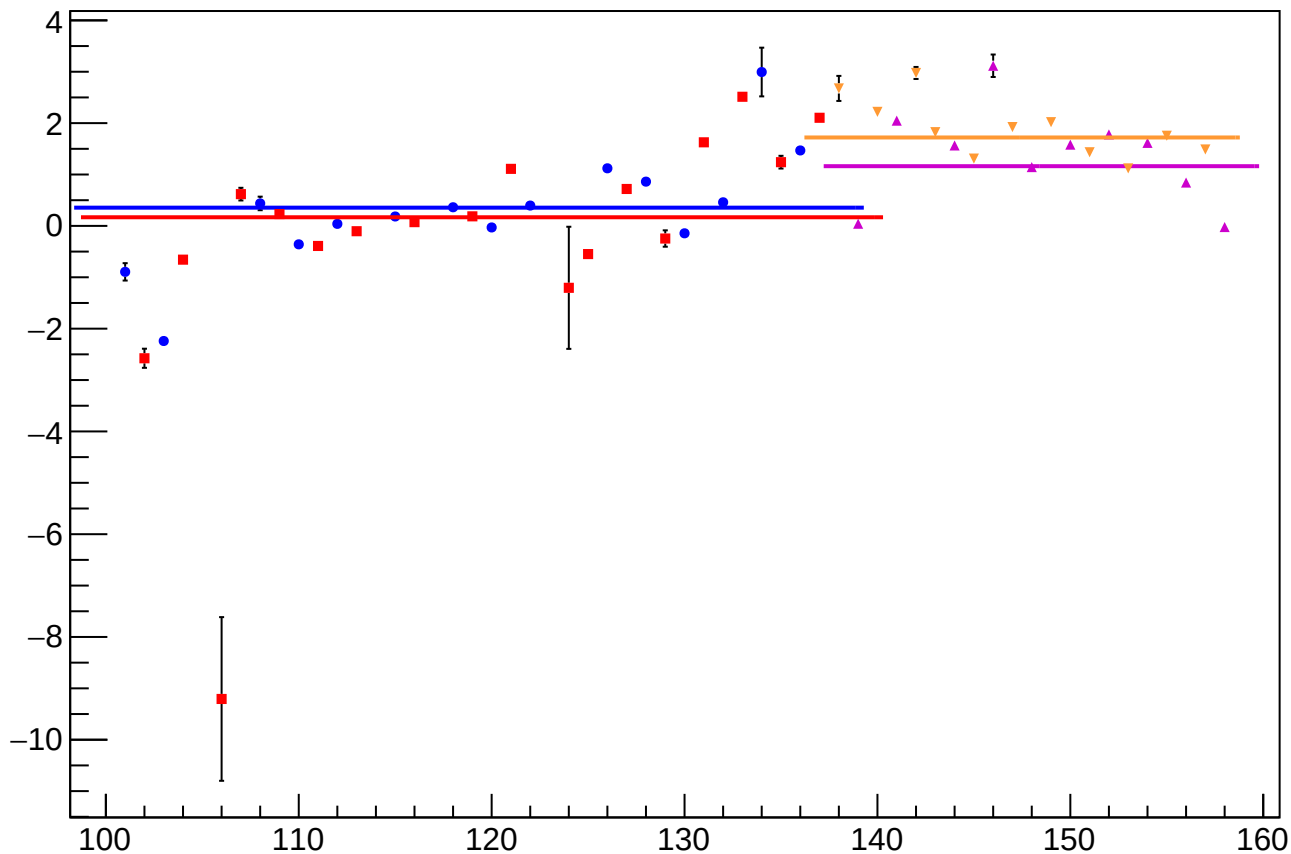
dit_atr2_4eY_slope vs Slug, Sign Corrected



Right In: 158.772 $\pm$ 0.088 χ^2/NDF : 159016.5/14
 Left Out: 116.517 $\pm$ 0.040 χ^2/NDF :60089.3/10
 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: 118.293 $\pm$ 0.025 χ^2/NDF : 127576.3/20
 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: 123.643 $\pm$ 0.037 χ^2/NDF :425159.5/28
 All: 124.009 $\pm$ 0.024 χ^2/NDF : 822226.8/53

dit_sam1_4aX_slope vs Slug, Sign Corrected



Right In: 0.355 ± 0.012 χ^2/NDF : 4011.3/14

Left Out: 1.721 ± 0.015 χ^2/NDF : 608.7/10

Right Out: 0.168 ± 0.008 χ^2/NDF : 4588.1/17

Left In: 1.162 ± 0.009 χ^2/NDF : 5834.2/9

Left: 1.312 ± 0.008 χ^2/NDF : 7404.9/20

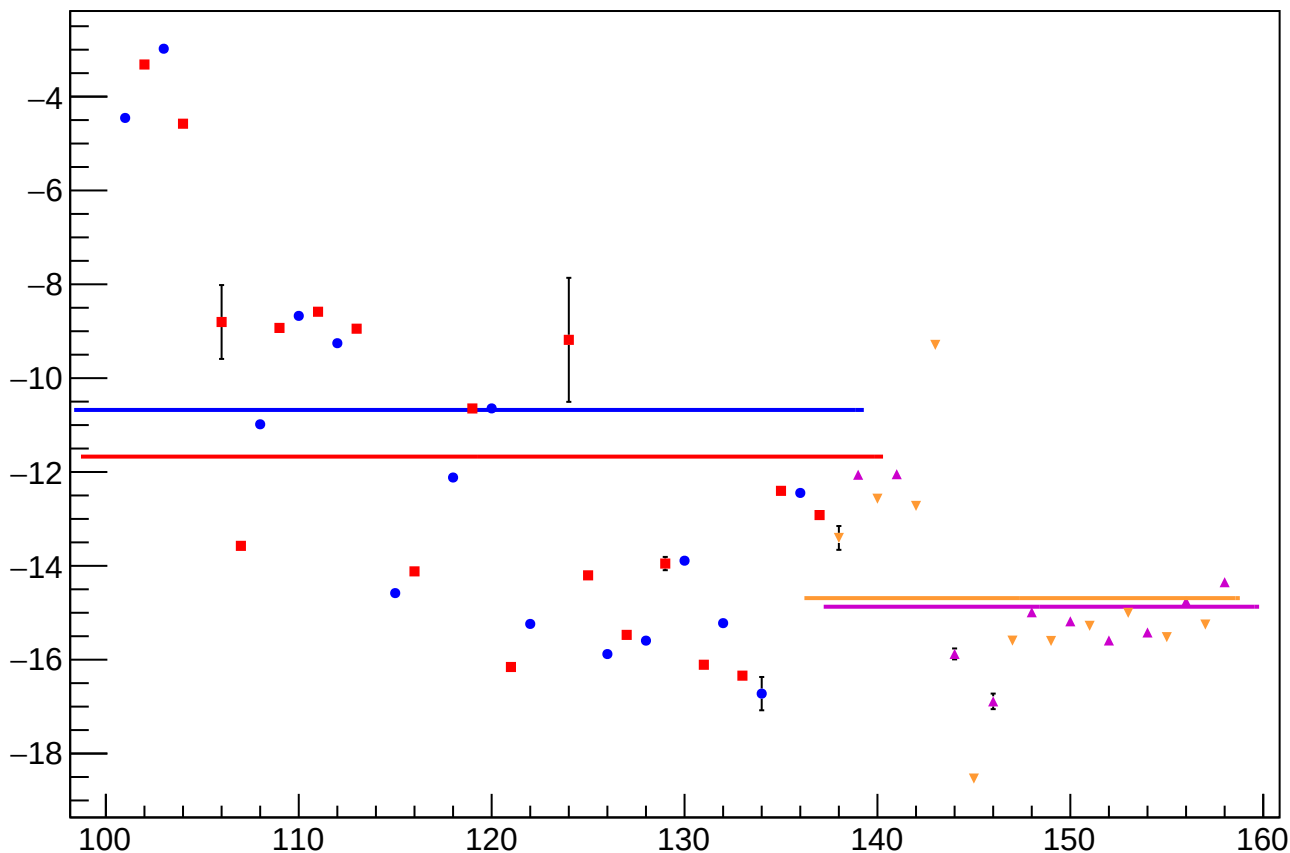
Right: 0.223 ± 0.006 χ^2/NDF : 8777.2/32

In: 0.850 ± 0.007 χ^2/NDF : 12735.0/24

Out: 0.475 ± 0.007 χ^2/NDF : 13351.0/28

All: 0.650 ± 0.005 χ^2/NDF : 27490.9/53

dit_sam1_4eX_slope vs Slug, Sign Corrected



Right In: -10.678 ± 0.010 $\chi^2/\text{NDF}: 226791.0/14$

Left Out: -14.688 ± 0.013 $\chi^2/\text{NDF}: 28912.3/10$

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: -14.813 ± 0.007 $\chi^2/\text{NDF}: 40394.3/20$

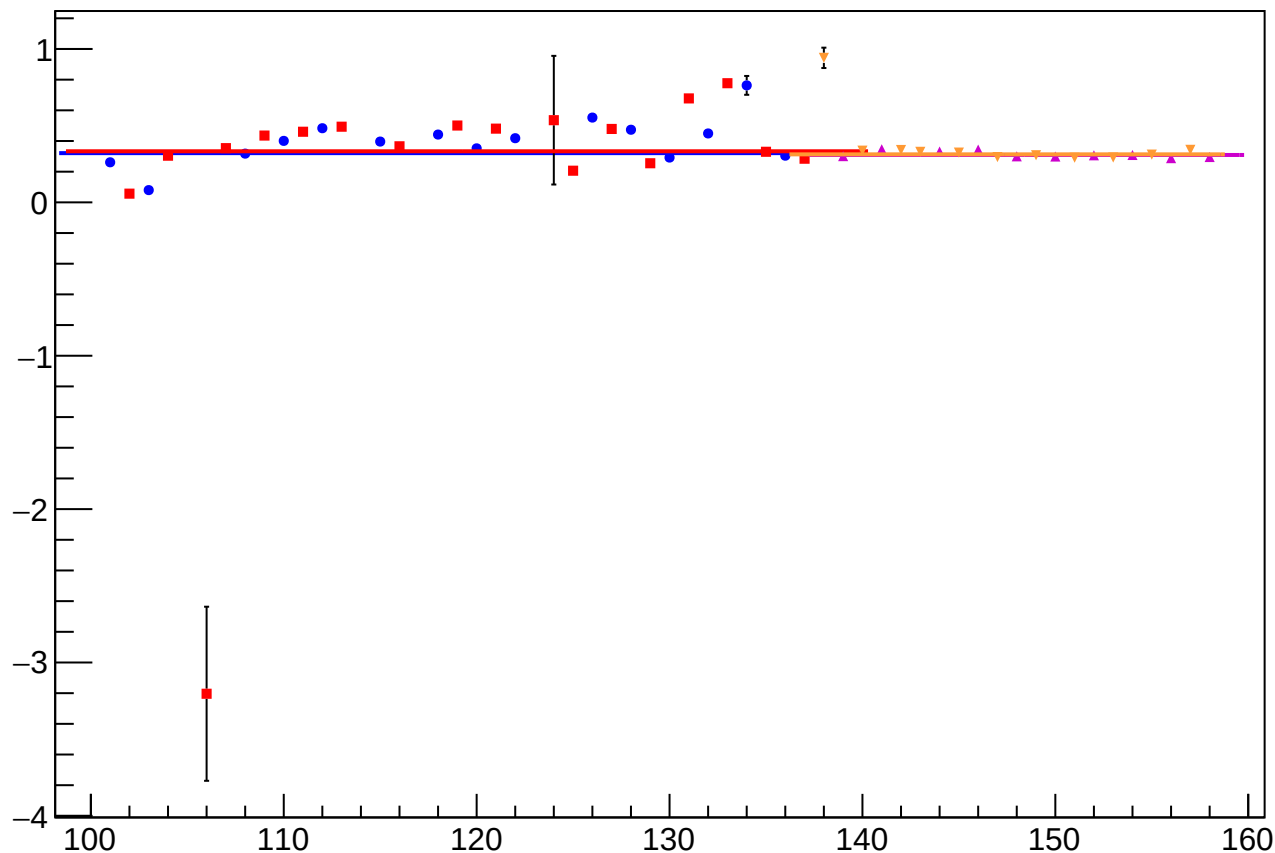
Right: -11.113 ± 0.008 $\chi^2/\text{NDF}: 338735.1/32$

In: -13.168 ± 0.007 $\chi^2/\text{NDF}: 336988.9/24$

Out: -13.071 ± 0.009 $\chi^2/\text{NDF}: 167901.4/28$

All: -13.132 ± 0.005 $\chi^2/\text{NDF}: 504971.6/53$

dit_sam1_11X12X_slope vs Slug, Sign Corrected



Right In: 0.321+/-0.001 χ^2/NDF : 4017.7/14

Left Out: 0.313+/-0.000 χ^2/NDF :2519.8/10

Right Out: 0.333+/-0.001 χ^2/NDF : 4170.0/17

Left In: 0.309+/-0.000 χ^2/NDF :1883.7/9

Left: 0.311+/-0.000 χ^2/NDF : 4464.7/20

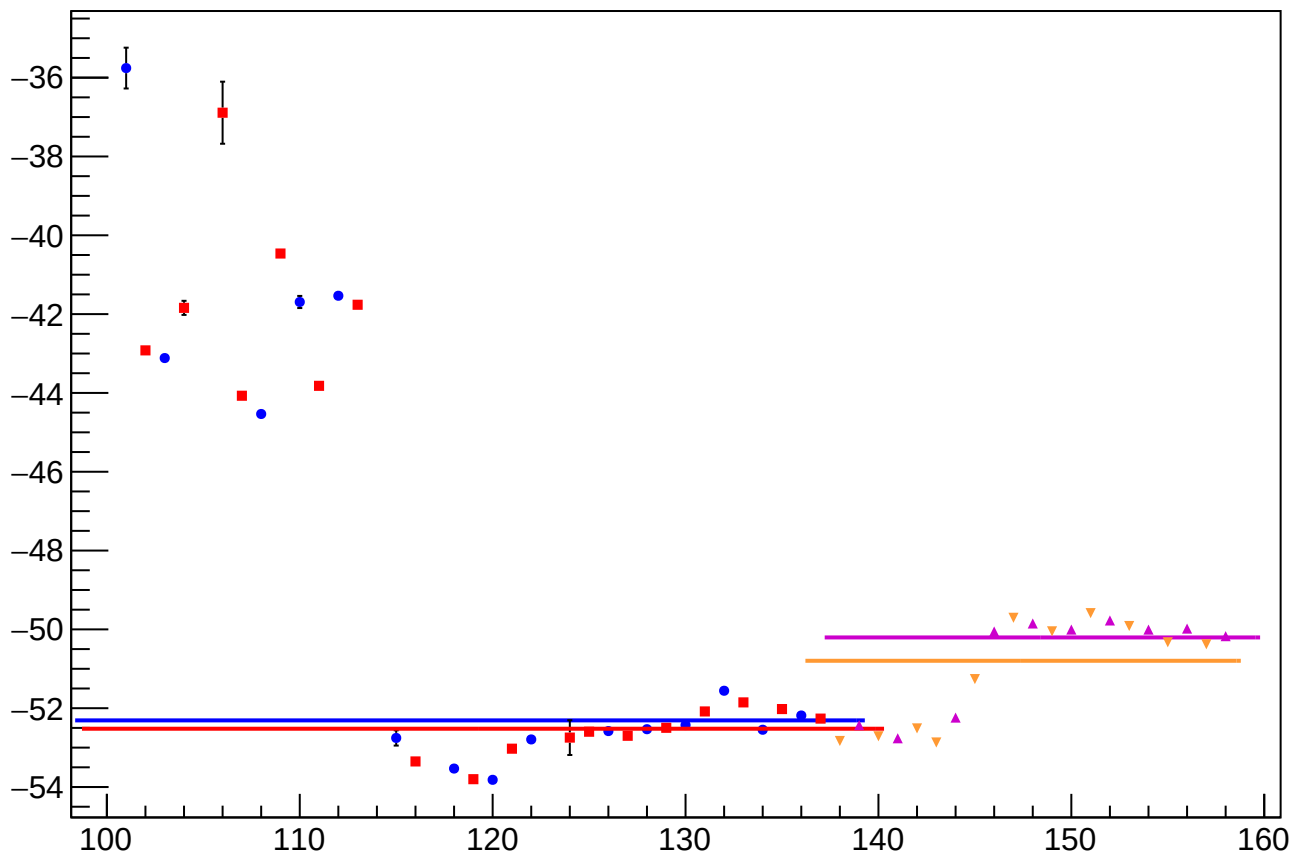
Right: 0.325+/-0.001 χ^2/NDF : 8247.8/32

In: 0.310+/-0.000 χ^2/NDF :6046.1/24

Out: 0.315+/-0.000 χ^2/NDF :6925.2/28

All: 0.312+/-0.000 χ^2/NDF : 13052.6/53

dit_sam1_4aY_slope vs Slug, Sign Corrected



Right In: -52.309 $\pm$ 0.004 χ^2 /NDF: 53459.2/14

Left Out: -50.797 $\pm$ 0.003 χ^2 /NDF: 190284.9/10

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: -50.347 $\pm$ 0.002 χ^2 /NDF: 372892.9/20

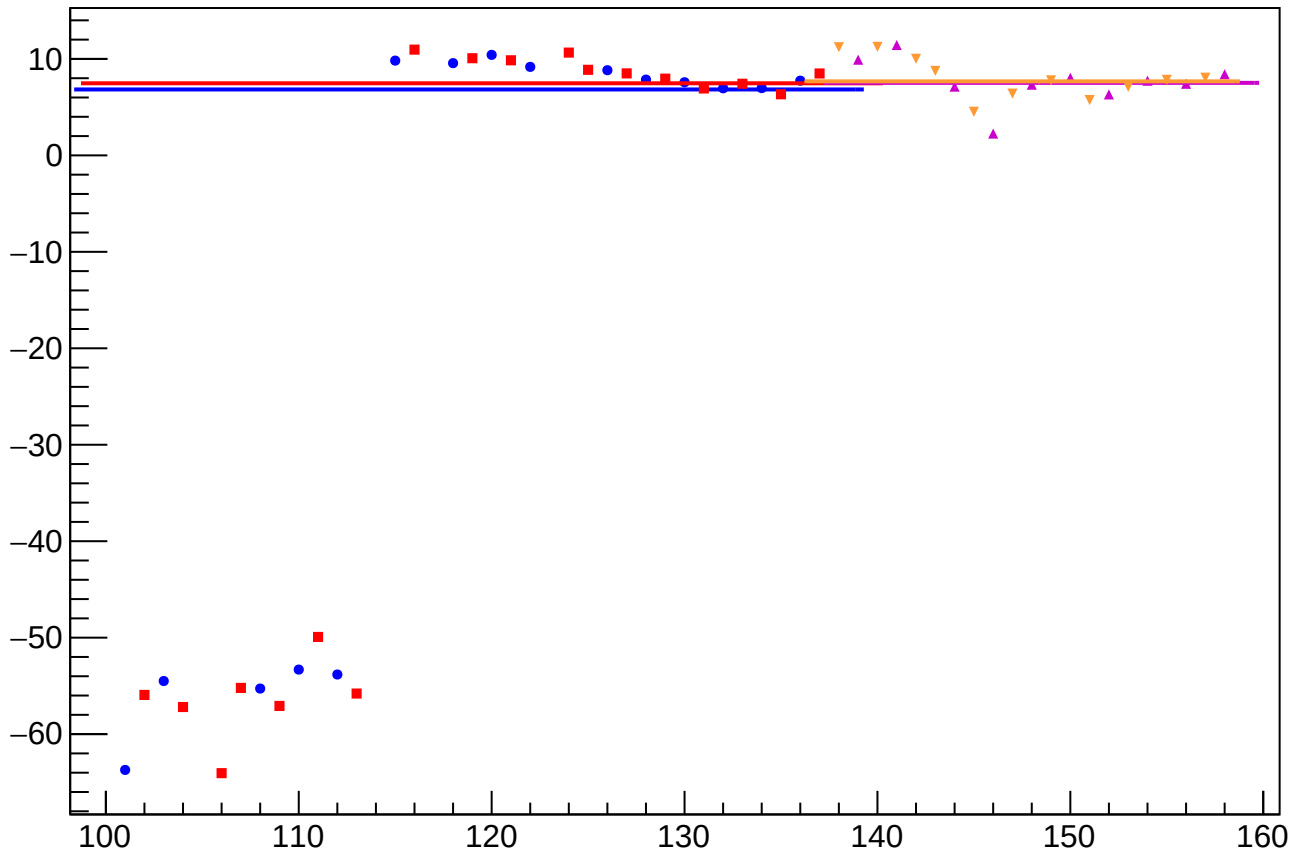
Right: -52.410 $\pm$ 0.003 χ^2 /NDF: 131177.9/32

In: -50.489 $\pm$ 0.002 χ^2 /NDF: 405031.2/24

Out: -51.335 $\pm$ 0.003 χ^2 /NDF: 363290.8/28

All: -50.730 $\pm$ 0.001 χ^2 /NDF: 845668.0/53

dit_sam1_4eY_slope vs Slug, Sign Corrected



Right In: 6.834 ± 0.005 $\chi^2/\text{NDF}: 990576.4/14$

Left Out: 7.674 ± 0.006 $\chi^2/\text{NDF}: 71292.7/10$

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: 7.562 ± 0.003 $\chi^2/\text{NDF}: 168973.0/20$

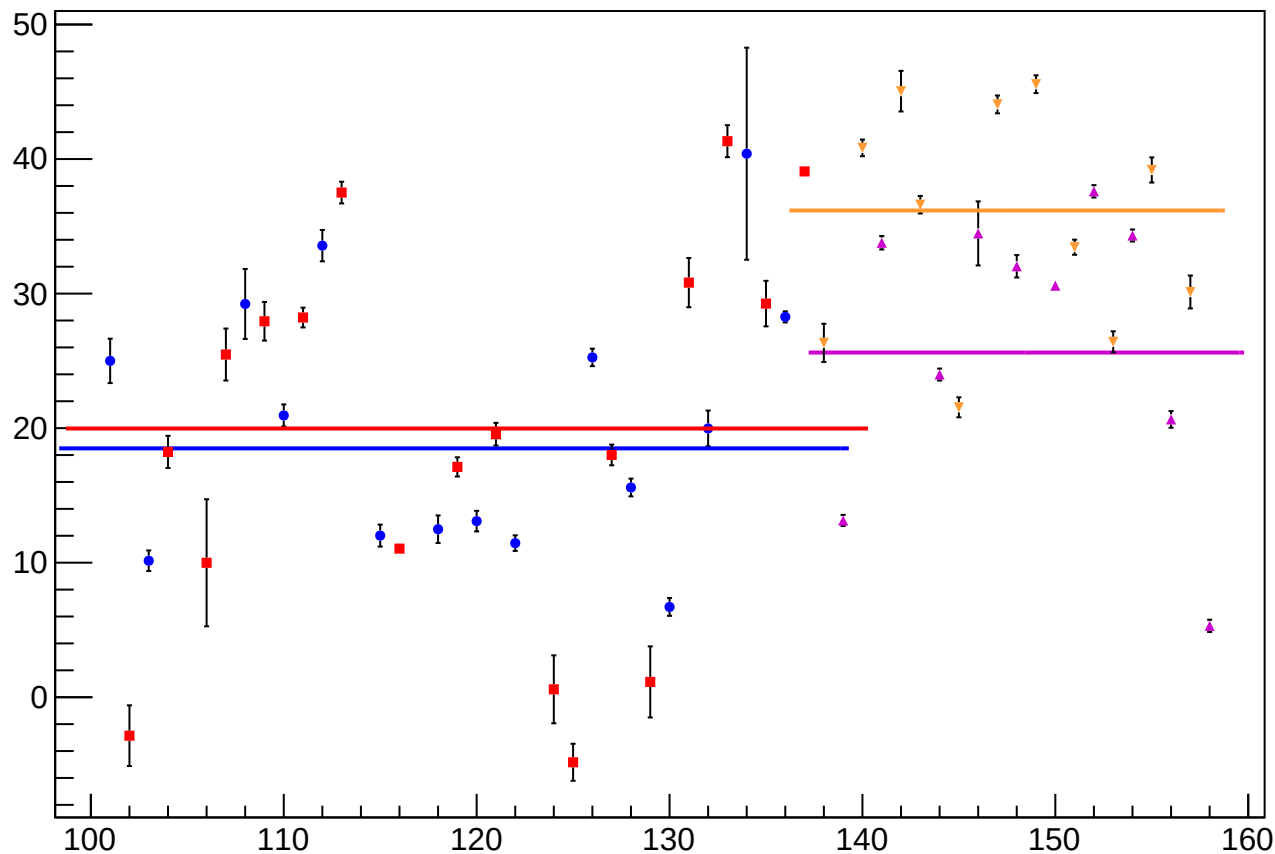
Right: 6.980 ± 0.004 $\chi^2/\text{NDF}: 2189734.1/32$

In: 7.269 ± 0.003 $\chi^2/\text{NDF}: 1099400.9/24$

Out: 7.613 ± 0.005 $\chi^2/\text{NDF}: 1267114.7/28$

All: 7.359 ± 0.003 $\chi^2/\text{NDF}: 2369854.5/53$

dit_sam2_4aX_slope vs Slug, Sign Corrected



Right In: 18.496 $\pm$ 0.200 χ^2/NDF : 1636.7/14

Left Out: 36.177 $\pm$ 0.230 χ^2/NDF :1082.6/10

Right Out: 19.974 $\pm$ 0.130 χ^2/NDF : 9201.3/17

Left In: 25.620 $\pm$ 0.152 χ^2/NDF :4573.4/9

Left: 28.834 $\pm$ 0.127 χ^2/NDF : 7118.7/20

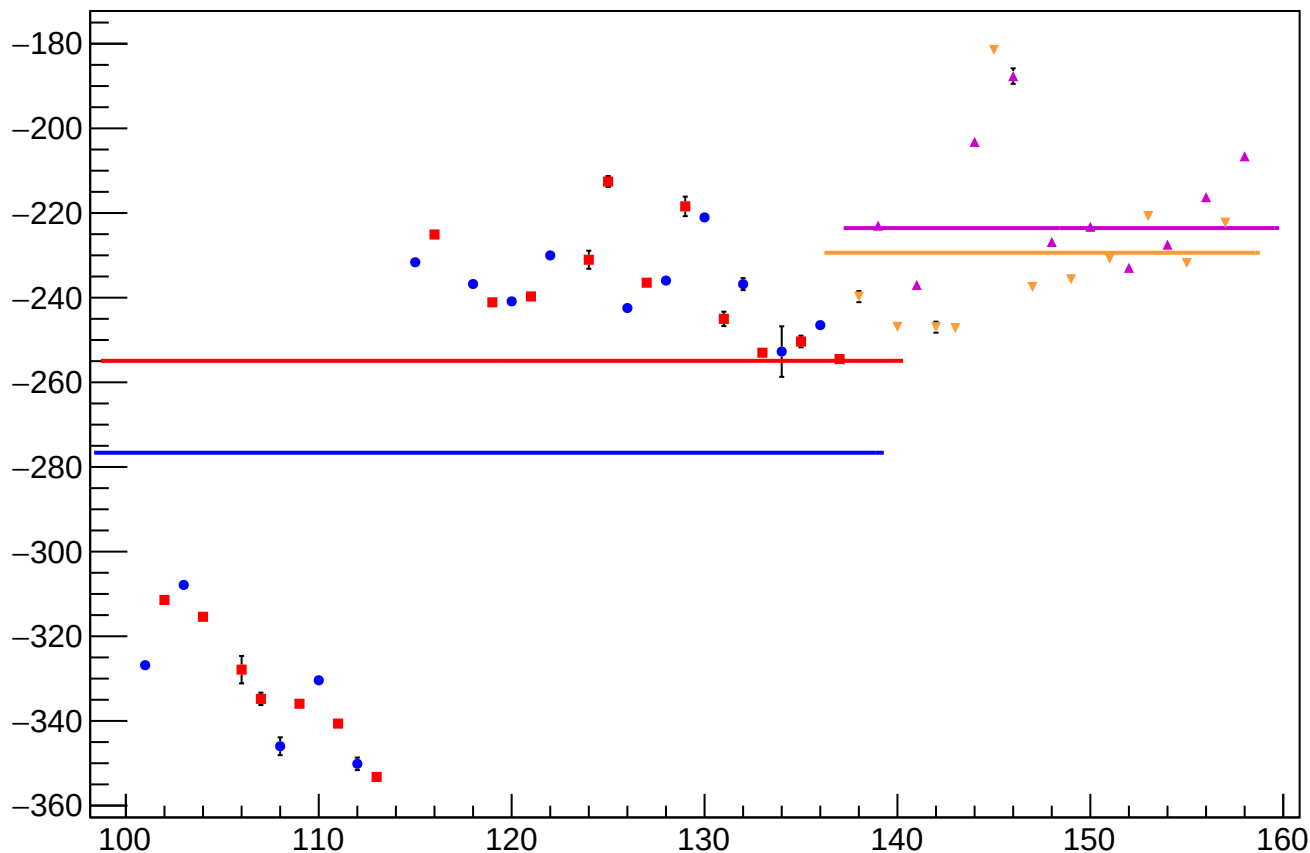
Right: 19.534 $\pm$ 0.109 χ^2/NDF : 10876.3/32

In: 23.006 $\pm$ 0.121 χ^2/NDF :7012.8/24

Out: 23.900 $\pm$ 0.113 χ^2/NDF :14037.2/28

All: 23.483 $\pm$ 0.083 χ^2/NDF : 21079.1/53

dit_sam2_4eX_slope vs Slug, Sign Corrected



Right In: -276.636 ± 0.148 χ^2/NDF : 77119.6/14

Left Out: -229.387 ± 0.184 χ^2/NDF : 10949.7/10

Right Out: -254.921 ± 0.071 χ^2/NDF : 71945.8/17

Left In: -223.558 ± 0.133 χ^2/NDF : 4498.7/9

Left: -225.546 ± 0.108 χ^2/NDF : 16106.6/20

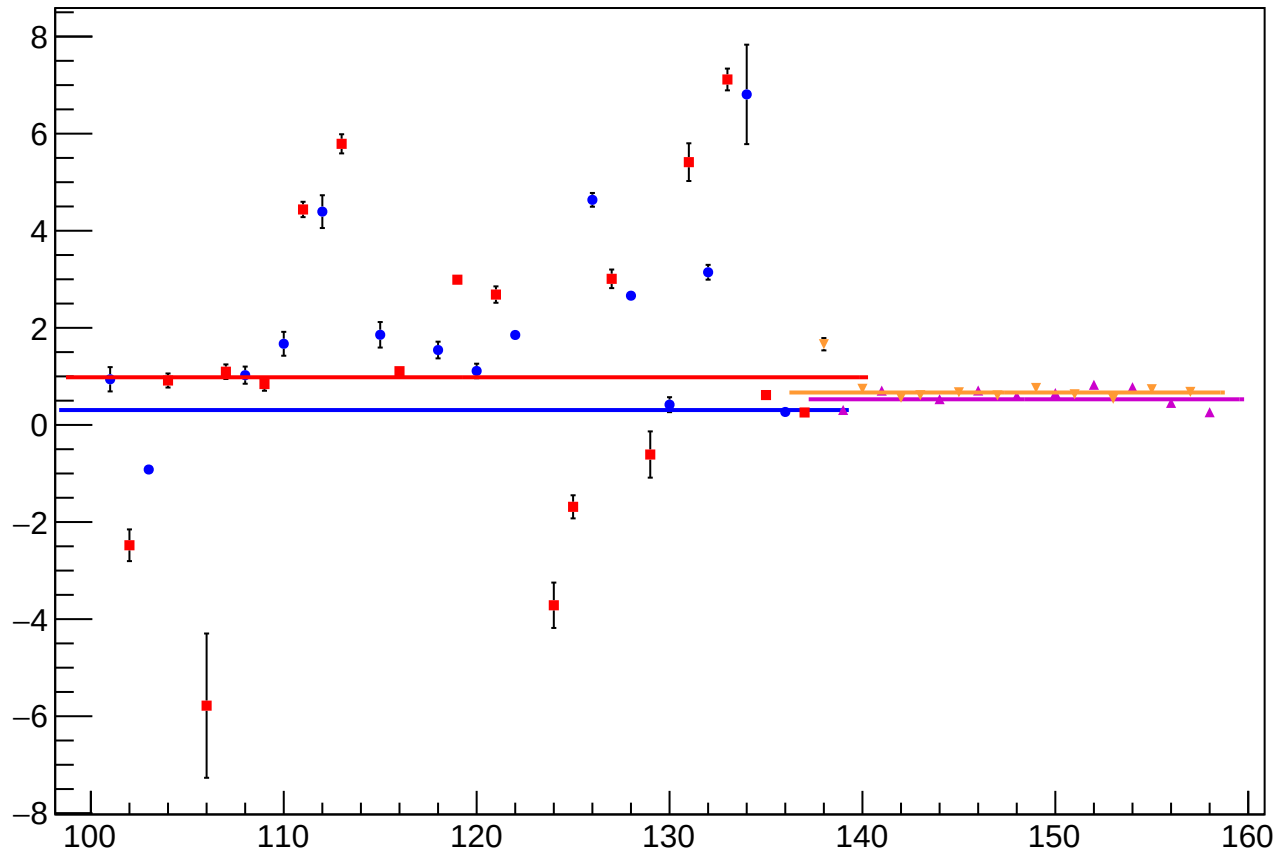
Right: -259.025 ± 0.064 χ^2/NDF : 166632.3/32

In: -247.292 ± 0.099 χ^2/NDF : 153164.7/24

Out: -251.608 ± 0.066 χ^2/NDF : 99571.5/28

All: -250.261 ± 0.055 χ^2/NDF : 254052.3/53

dit_sam2_11X12X_slope vs Slug, Sign Corrected



Right In: 0.307 ± 0.007 $\chi^2/\text{NDF}: 2787.0/14$

Left Out: 0.668 ± 0.003 $\chi^2/\text{NDF}: 568.4/10$

Right Out: 0.982 ± 0.015 $\chi^2/\text{NDF}: 3374.7/17$

Left In: 0.528 ± 0.002 $\chi^2/\text{NDF}: 11417.1/9$

Left: 0.572 ± 0.002 $\chi^2/\text{NDF}: 13278.8/20$

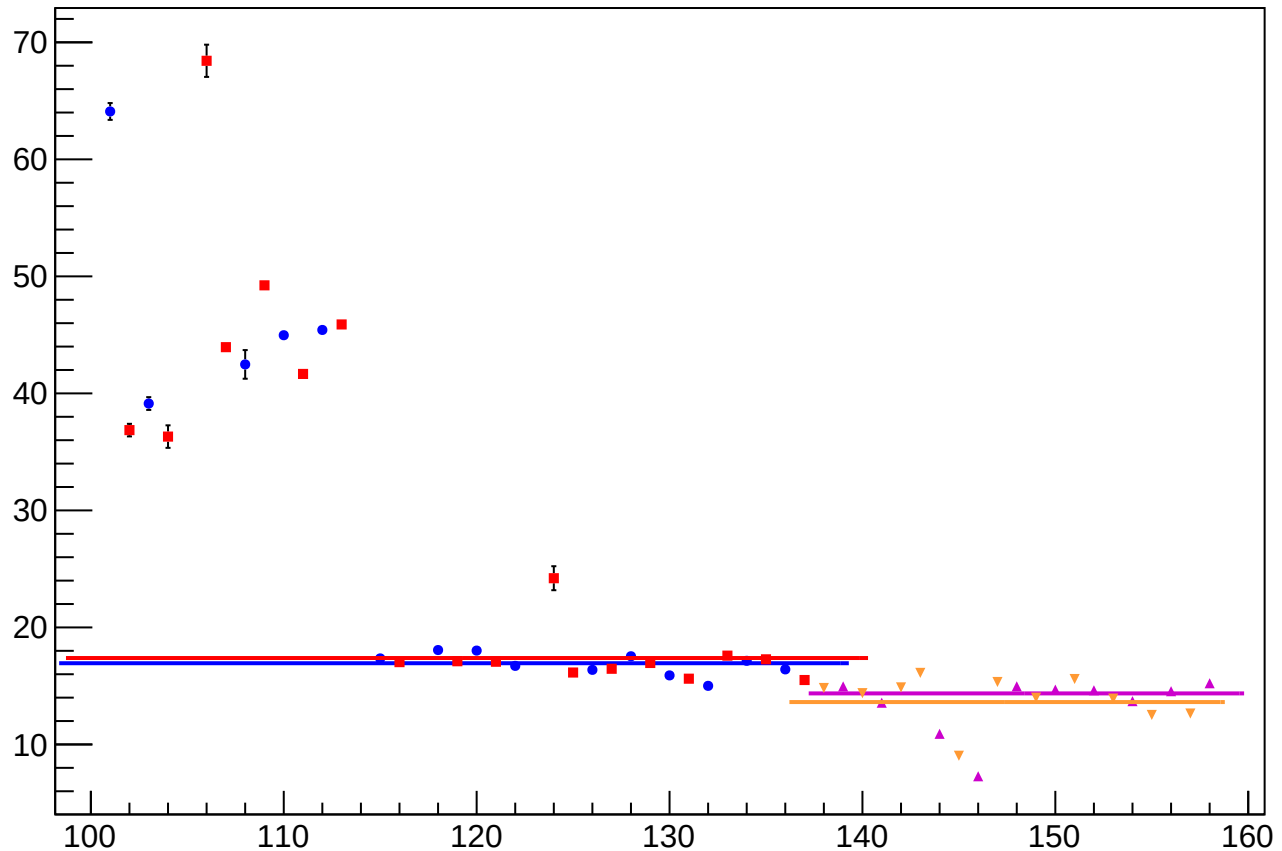
Right: 0.421 ± 0.006 $\chi^2/\text{NDF}: 7919.2/32$

In: 0.507 ± 0.002 $\chi^2/\text{NDF}: 15210.6/24$

Out: 0.683 ± 0.003 $\chi^2/\text{NDF}: 4378.9/28$

All: 0.560 ± 0.002 $\chi^2/\text{NDF}: 21766.7/53$

dit_sam2_4aY_slope vs Slug, Sign Corrected



Right In: 16.941 ± 0.013 $\chi^2/\text{NDF}: 29019.8/14$

Left Out: 13.623 ± 0.013 $\chi^2/\text{NDF}: 43823.7/10$

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: 14.059 ± 0.008 $\chi^2/\text{NDF}: 53972.8/20$

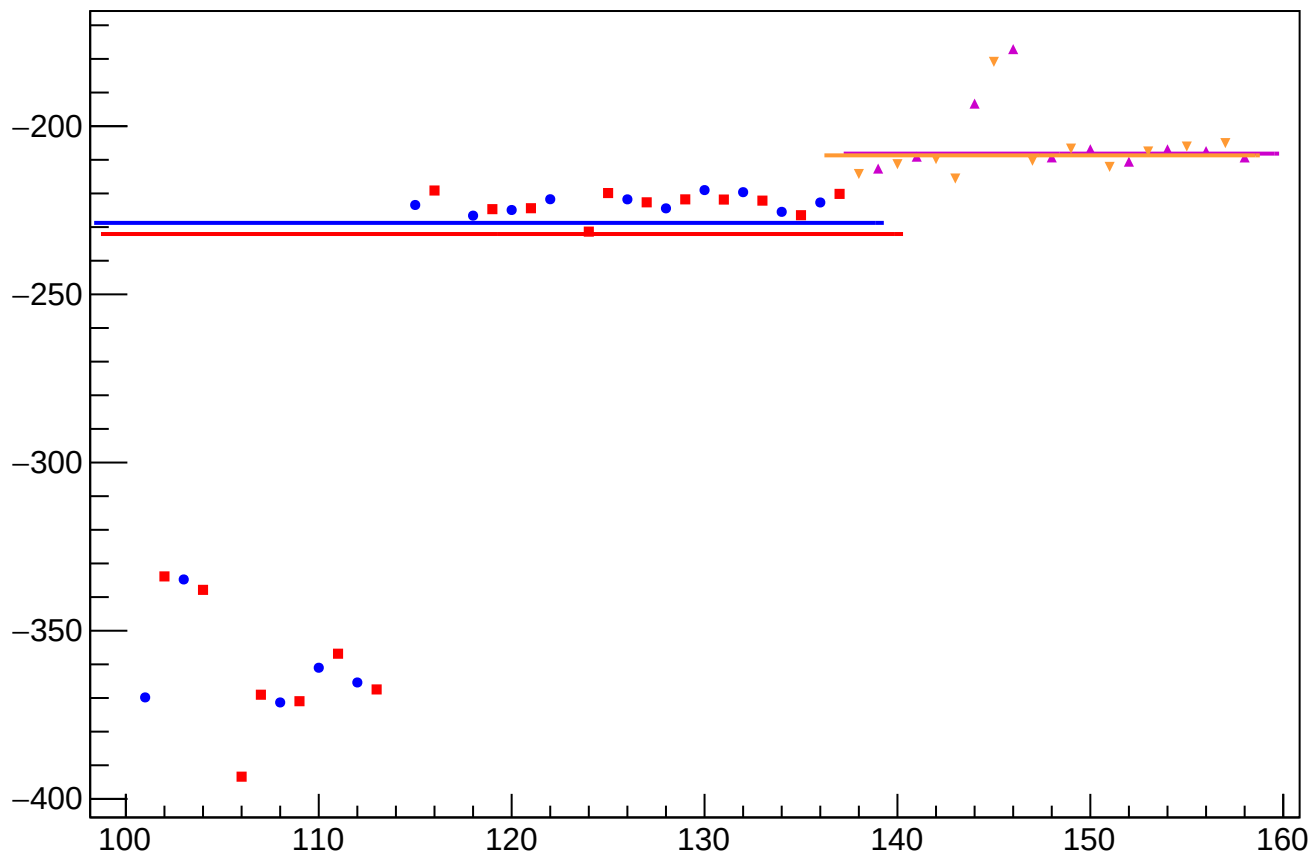
Right: 17.096 ± 0.010 $\chi^2/\text{NDF}: 90566.4/32$

In: 15.385 ± 0.008 $\chi^2/\text{NDF}: 61334.2/24$

Out: 14.887 ± 0.010 $\chi^2/\text{NDF}: 135335.8/28$

All: 15.192 ± 0.006 $\chi^2/\text{NDF}: 198133.9/53$

dit_sam2_4eY_slope vs Slug, Sign Corrected



Right In: -228.749 ± 0.035 $\chi^2/\text{NDF}: 657578.5/14$

Left Out: -208.674 ± 0.022 $\chi^2/\text{NDF}: 73723.7/10$

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: -208.384 ± 0.014 $\chi^2/\text{NDF}: 88363.1/20$

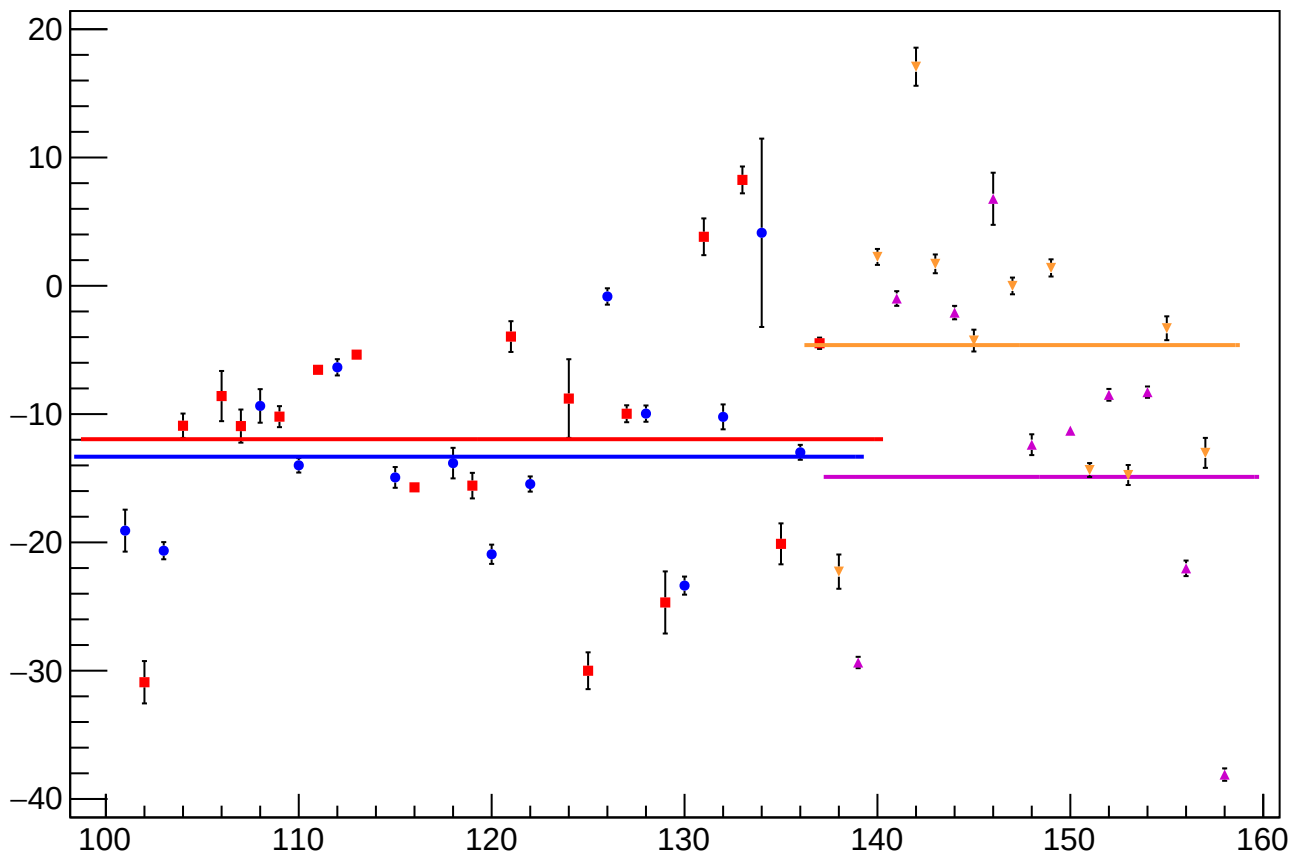
Right: -230.117 ± 0.027 $\chi^2/\text{NDF}: 1452870.5/32$

In: -213.029 ± 0.017 $\chi^2/\text{NDF}: 940948.7/24$

Out: -213.822 ± 0.019 $\chi^2/\text{NDF}: 1115237.8/28$

All: -213.371 ± 0.013 $\chi^2/\text{NDF}: 2057138.5/53$

dit_sam3_4aX_slope vs Slug, Sign Corrected



Right In: -13.321 ± 0.194 $\chi^2/\text{NDF}: 1013.0/14$

Left Out: -4.622 ± 0.233 $\chi^2/\text{NDF}: 1259.6/10$

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: -11.583 ± 0.133 $\chi^2/\text{NDF}: 7903.0/20$

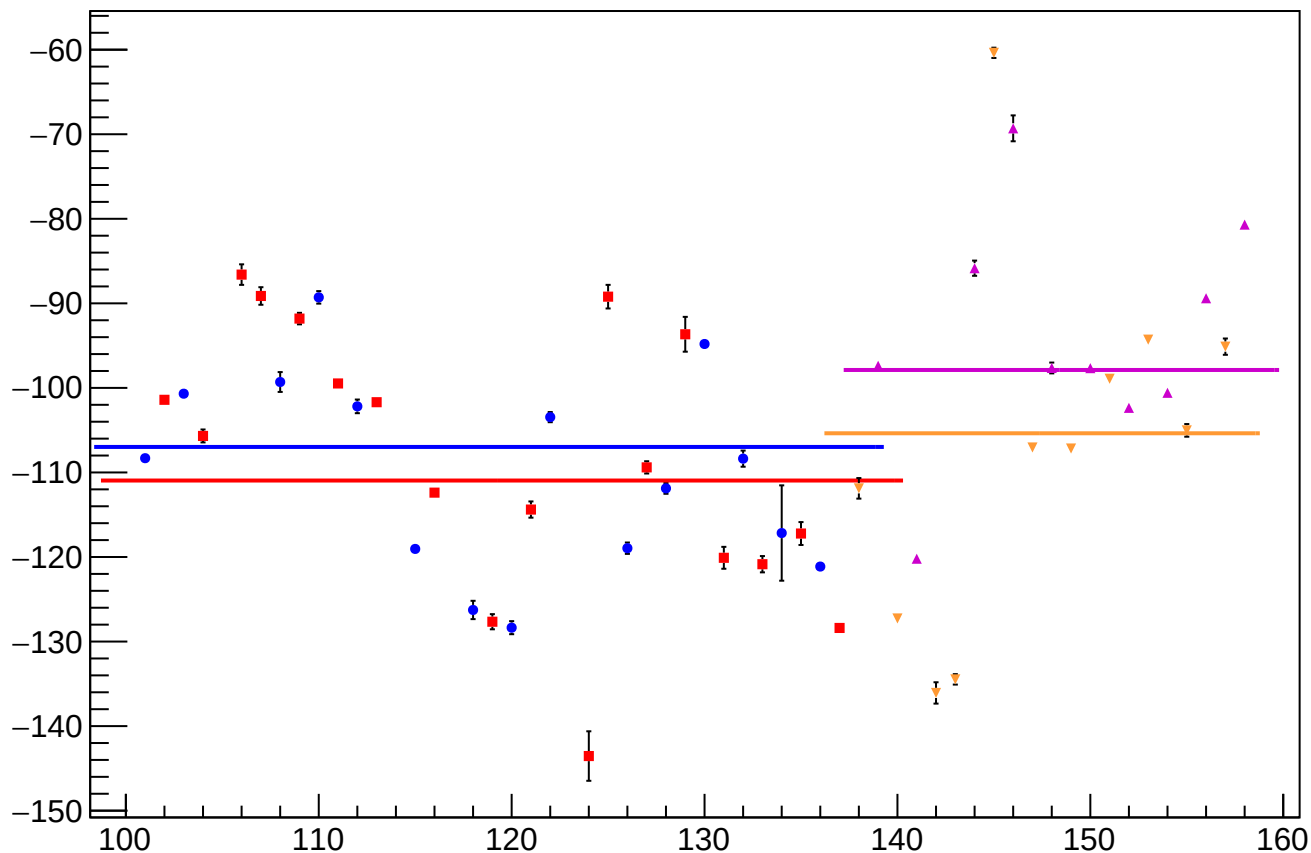
Right: -12.301 ± 0.097 $\chi^2/\text{NDF}: 3537.3/32$

In: -14.251 ± 0.124 $\chi^2/\text{NDF}: 6383.3/24$

Out: -10.572 ± 0.101 $\chi^2/\text{NDF}: 4547.6/28$

All: -12.050 ± 0.078 $\chi^2/\text{NDF}: 11459.3/53$

dit_sam3_4eX_slope vs Slug, Sign Corrected



Right In: -106.983 ± 0.110 $\chi^2/\text{NDF}: 4658.3/14$

Left Out: -105.367 ± 0.184 $\chi^2/\text{NDF}: 11078.4/10$

Right Out: -110.955 ± 0.050 $\chi^2/\text{NDF}: 10675.0/17$

Left In: -97.880 ± 0.136 $\chi^2/\text{NDF}: 4840.0/9$

Left: -100.523 ± 0.109 $\chi^2/\text{NDF}: 16987.3/20$

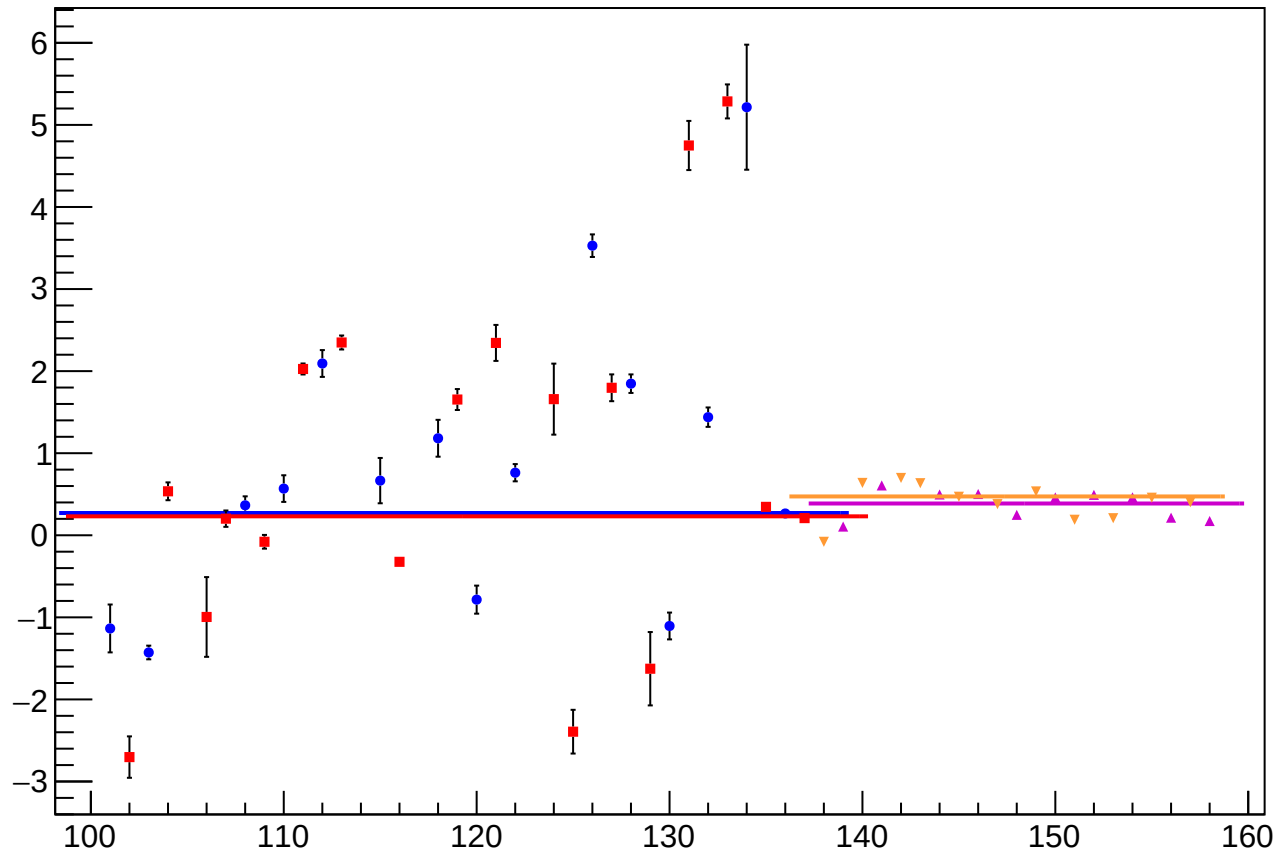
Right: -110.271 ± 0.046 $\chi^2/\text{NDF}: 16412.2/32$

In: -103.384 ± 0.086 $\chi^2/\text{NDF}: 12204.1/24$

Out: -110.569 ± 0.048 $\chi^2/\text{NDF}: 22610.0/28$

All: -108.826 ± 0.042 $\chi^2/\text{NDF}: 40154.6/53$

dit_sam3_11X12X_slope vs Slug, Sign Corrected



Right In: 0.271 ± 0.005 χ^2/NDF : 1612.2/14

Left Out: 0.473 ± 0.004 χ^2/NDF : 2198.6/10

Right Out: 0.231 ± 0.004 χ^2/NDF : 2907.8/17

Left In: 0.387 ± 0.002 χ^2/NDF : 6378.3/9

Left: 0.412 ± 0.002 χ^2/NDF : 8990.4/20

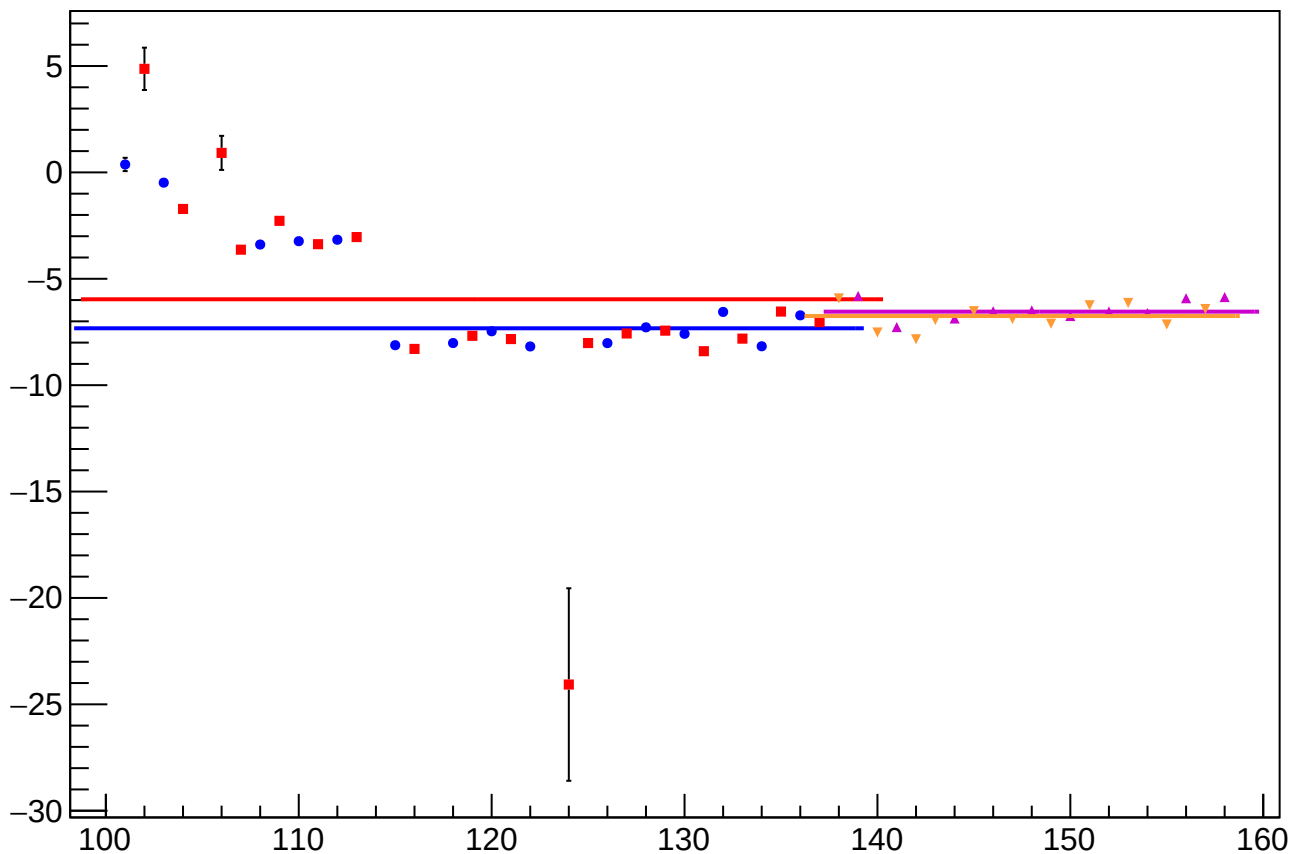
Right: 0.247 ± 0.003 χ^2/NDF : 4554.2/32

In: 0.370 ± 0.002 χ^2/NDF : 8393.1/24

Out: 0.377 ± 0.003 χ^2/NDF : 6924.1/28

All: 0.372 ± 0.002 χ^2/NDF : 15322.1/53

dit_sam3_4aY_slope vs Slug, Sign Corrected



Right In: -7.327+/-0.008 χ^2/NDF : 30494.2/14

Left Out: -6.751+/-0.009 χ^2/NDF :2354.5/10

Right Out: -5.964+/-0.009 χ^2/NDF : 71807.1/17

Left In: -6.545+/-0.007 χ^2/NDF :4628.2/9

Left: -6.619+/-0.005 χ^2/NDF : 7329.0/20

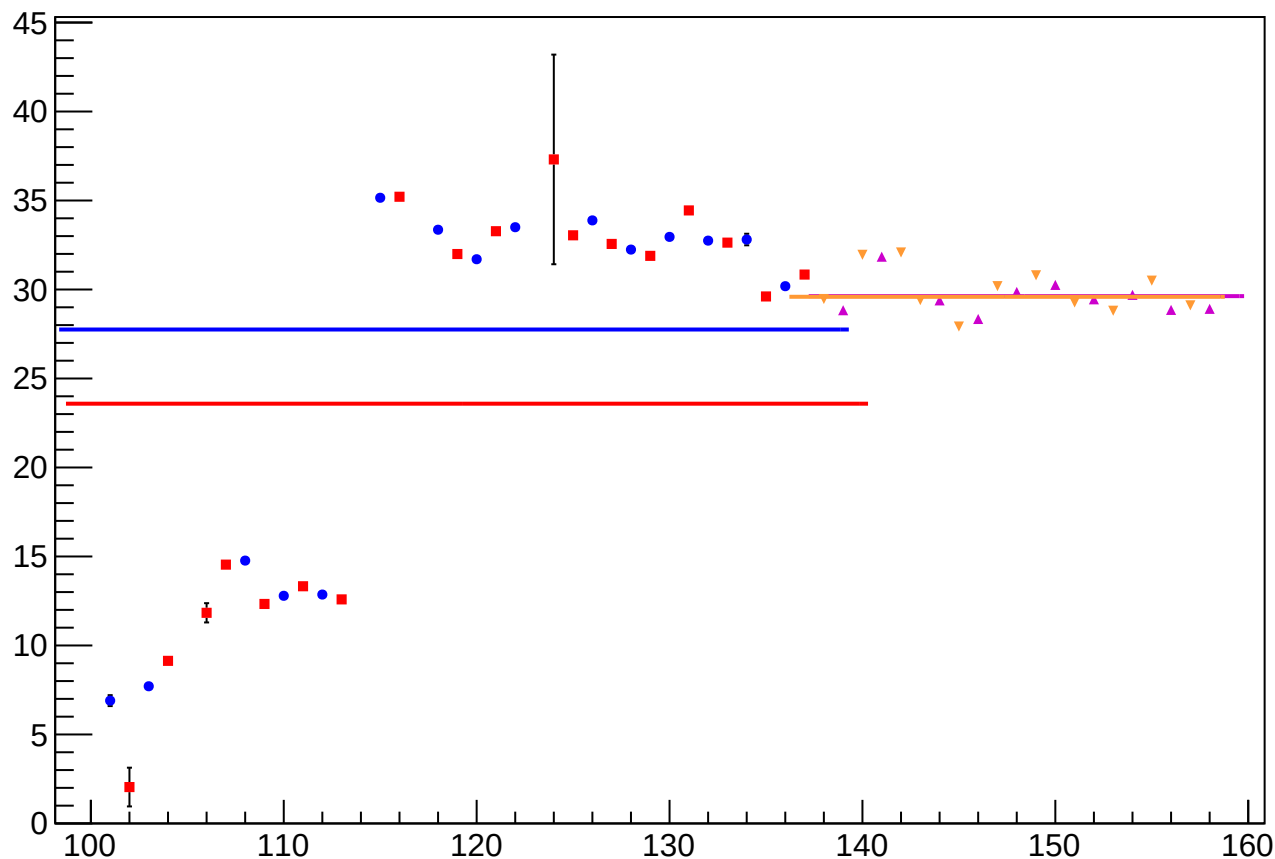
Right: -6.677+/-0.006 χ^2/NDF : 114918.0/32

In: -6.846+/-0.005 χ^2/NDF :40470.5/24

Out: -6.353+/-0.006 χ^2/NDF :78142.0/28

All: -6.644+/-0.004 χ^2/NDF : 122298.6/53

dit_sam3_4eY_slope vs Slug, Sign Corrected



Right In: 27.752 $\pm$ 0.015 χ^2 /NDF: 332926.6/14

Left Out: 29.591 $\pm$ 0.015 χ^2 /NDF: 7045.9/10

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: 29.613 $\pm$ 0.010 χ^2 /NDF: 9815.3/20

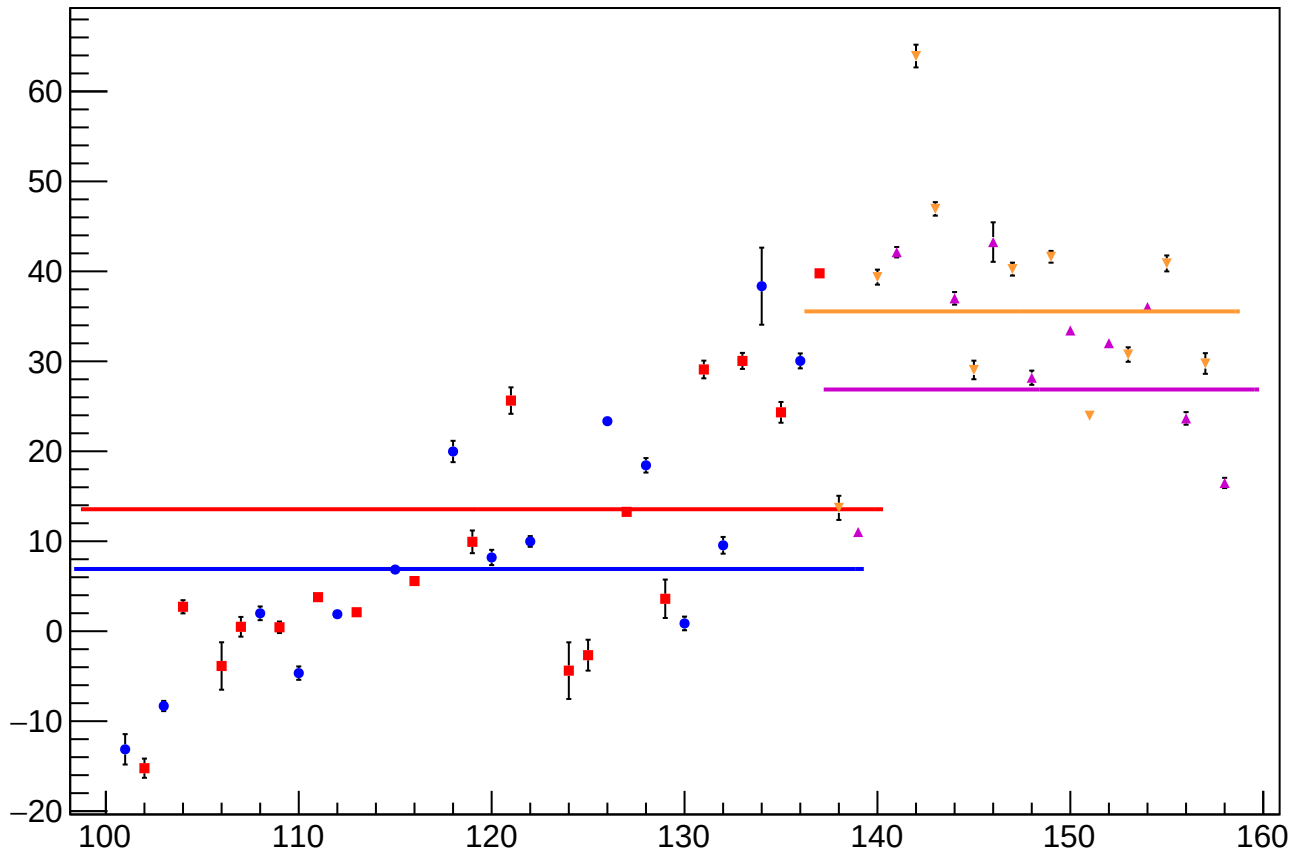
Right: 25.477 $\pm$ 0.010 χ^2 /NDF: 914478.1/32

In: 28.879 $\pm$ 0.010 χ^2 /NDF: 345038.2/24

Out: 26.301 $\pm$ 0.010 χ^2 /NDF: 633408.9/28

All: 27.675 $\pm$ 0.007 χ^2 /NDF: 1012834.3/53

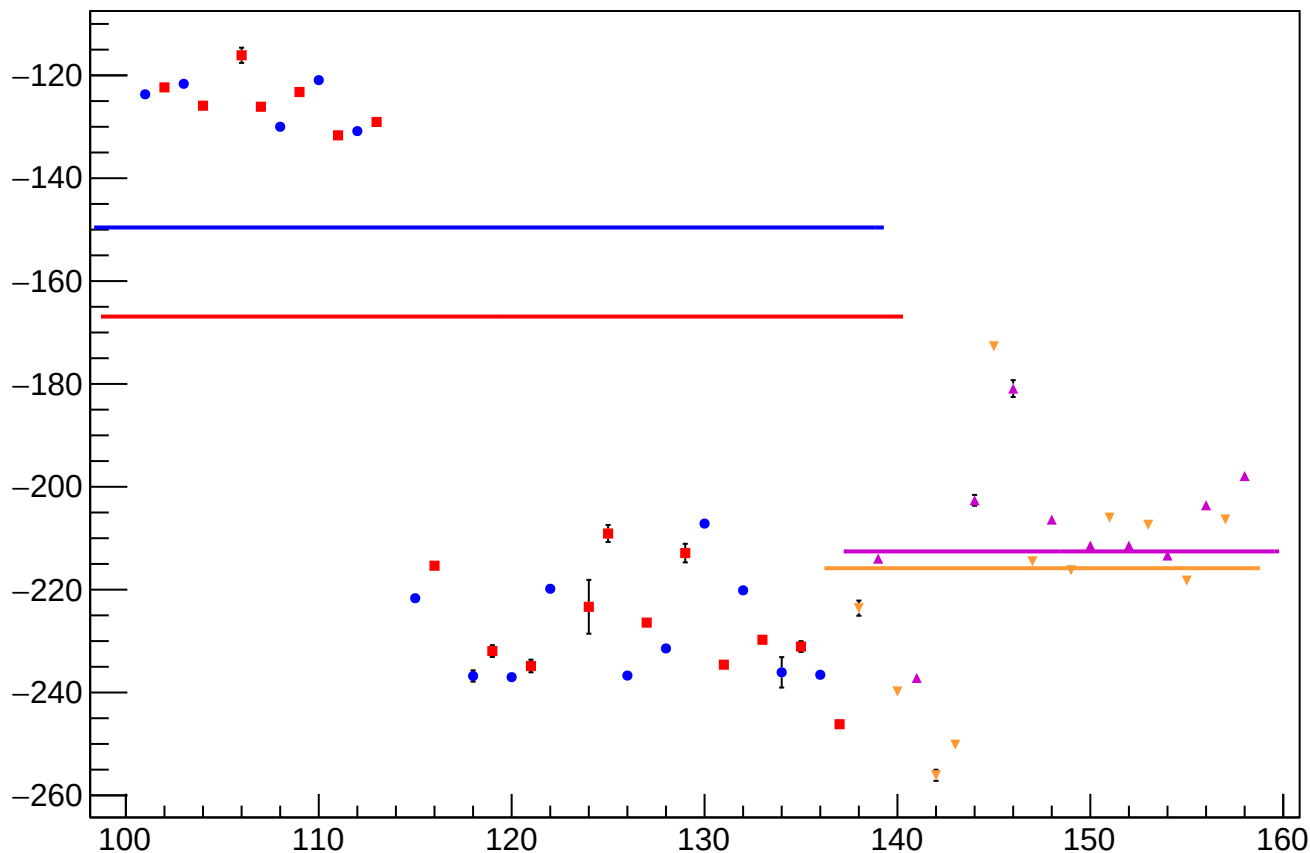
dit_sam4_4aX_slope vs Slug, Sign Corrected



Right In: 6.916 ± 0.177 $\chi^2/\text{NDF}: 3503.2/14$
 Left Out: 35.548 ± 0.243 $\chi^2/\text{NDF}: 1789.0/10$
 Right Out: 13.557 ± 0.145 $\chi^2/\text{NDF}: 11657.2/17$
 Left In: 26.868 ± 0.161 $\chi^2/\text{NDF}: 4611.7/9$

Left: 29.510 ± 0.134 $\chi^2/\text{NDF}: 7286.5/20$
 Right: 10.880 ± 0.112 $\chi^2/\text{NDF}: 16004.9/32$
 In: 17.814 ± 0.119 $\chi^2/\text{NDF}: 15090.9/24$
 Out: 19.326 ± 0.125 $\chi^2/\text{NDF}: 19475.2/28$
 All: 18.535 ± 0.086 $\chi^2/\text{NDF}: 34643.1/53$

dit_sam4_4eX_slope vs Slug, Sign Corrected



Right In: -149.580 ± 0.101 χ^2/NDF : 195091.5/14

Left Out: -215.831 ± 0.197 χ^2/NDF : 10005.6/10

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: -213.607 ± 0.111 χ^2/NDF : 14843.7/20

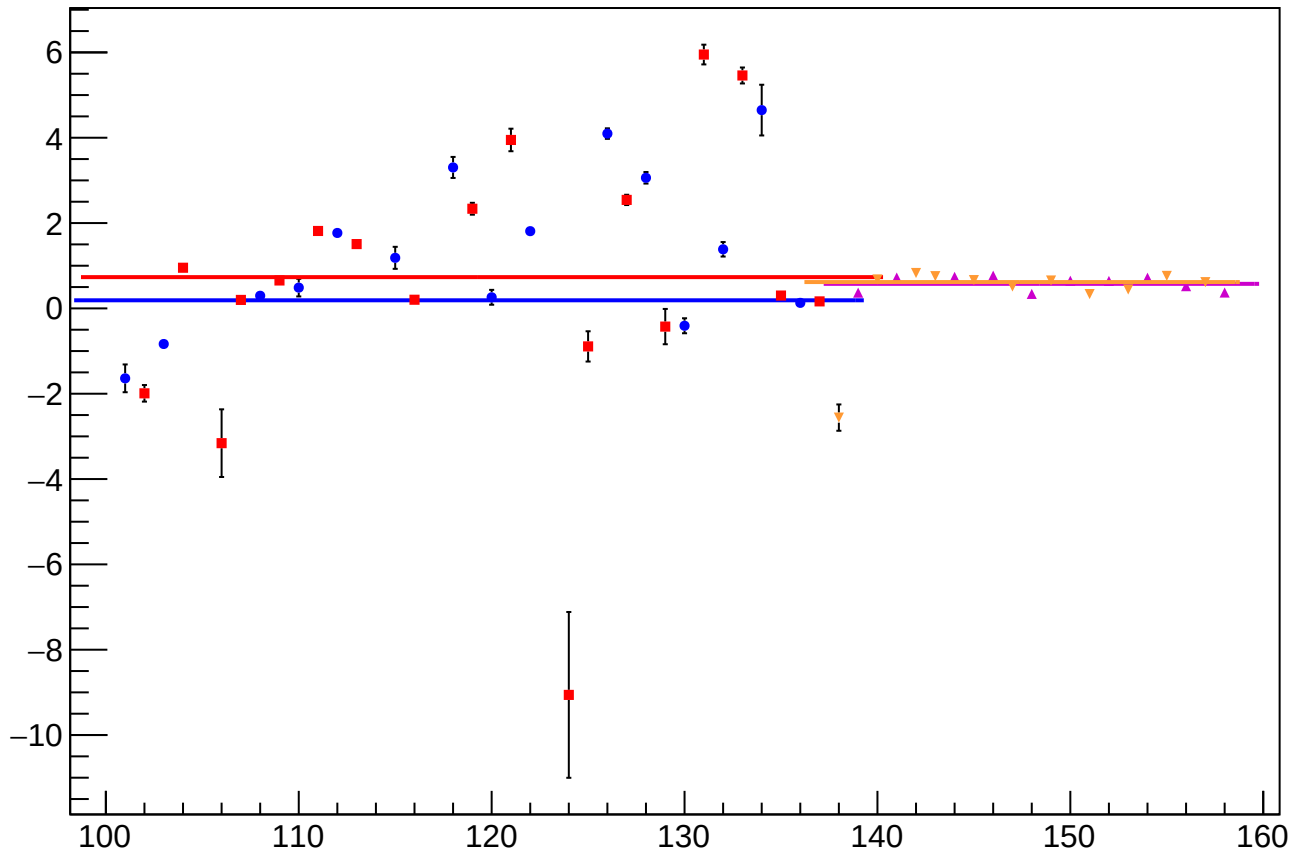
Right: -158.264 ± 0.071 χ^2/NDF : 505360.9/32

In: -172.252 ± 0.081 χ^2/NDF : 340085.0/24

Out: -177.054 ± 0.090 χ^2/NDF : 354606.3/28

All: -174.404 ± 0.060 χ^2/NDF : 696278.2/53

dit_sam4_11X12X_slope vs Slug, Sign Corrected



Right In: 0.190 ± 0.009 $\chi^2/\text{NDF}: 2727.5/14$

Left Out: 0.617 ± 0.004 $\chi^2/\text{NDF}: 1354.7/10$

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: 0.590 ± 0.002 $\chi^2/\text{NDF}: 4075.3/20$

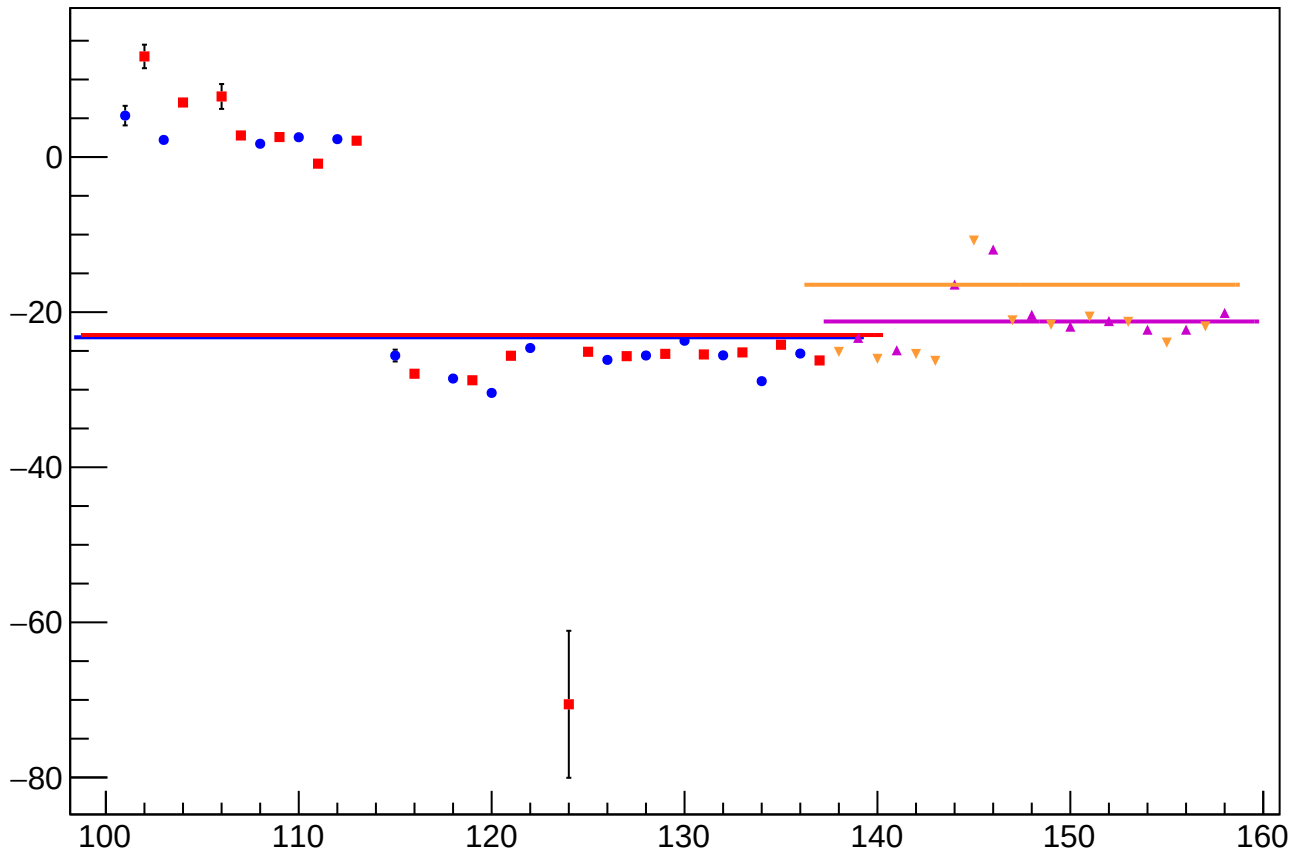
Right: 0.276 ± 0.008 $\chi^2/\text{NDF}: 6029.4/32$

In: 0.535 ± 0.003 $\chi^2/\text{NDF}: 7173.8/24$

Out: 0.622 ± 0.004 $\chi^2/\text{NDF}: 4054.4/28$

All: 0.563 ± 0.002 $\chi^2/\text{NDF}: 11548.0/53$

dit_sam4_4aY_slope vs Slug, Sign Corrected



Right In: -23.241 ± 0.025 $\chi^2/\text{NDF}: 103102.8/14$

Left Out: -16.466 ± 0.019 $\chi^2/\text{NDF}: 109228.3/10$

Right Out: -22.951 ± 0.025 $\chi^2/\text{NDF}: 108039.1/17$

Left In: -21.202 ± 0.019 $\chi^2/\text{NDF}: 9376.5/9$

Left: -18.813 ± 0.013 $\chi^2/\text{NDF}: 149629.6/20$

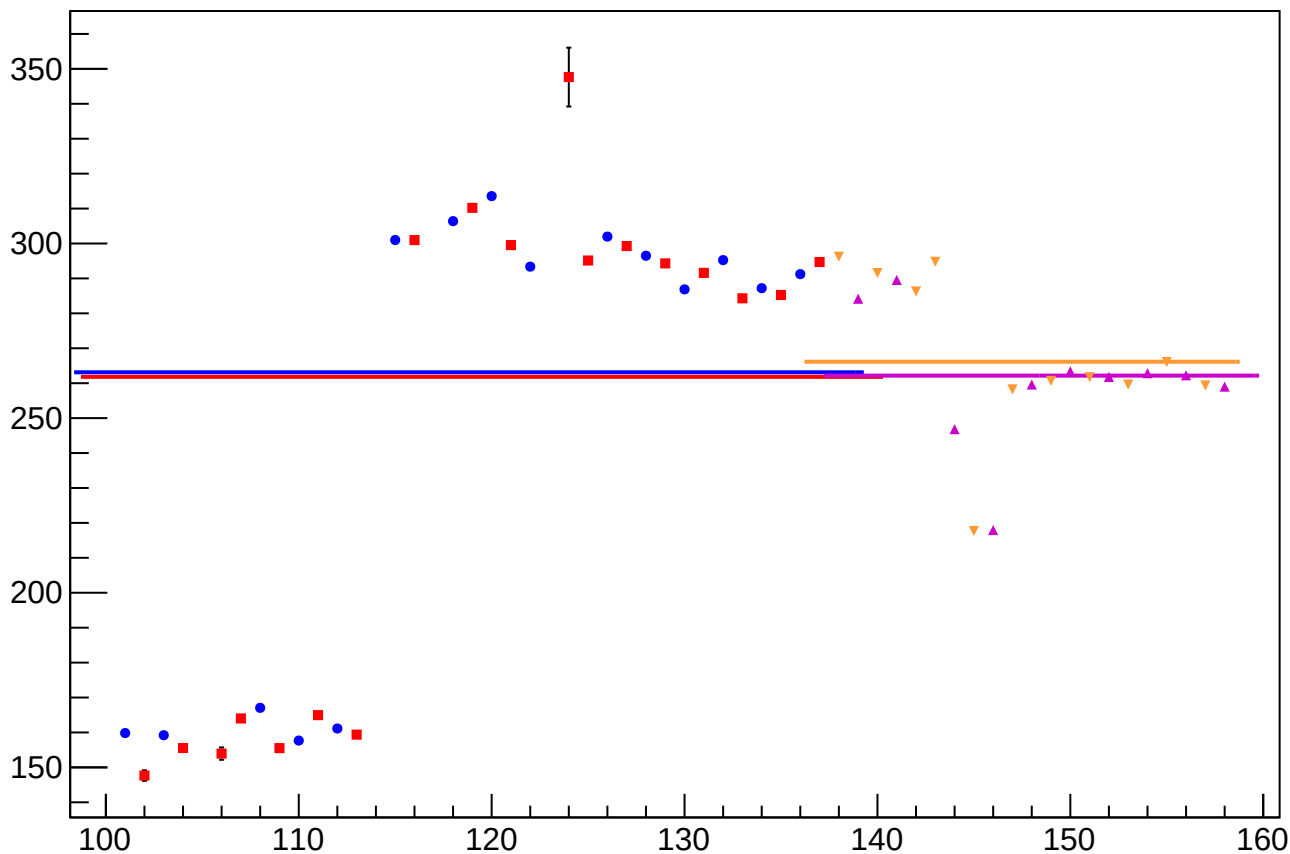
Right: -23.095 ± 0.017 $\chi^2/\text{NDF}: 211210.7/32$

In: -21.962 ± 0.015 $\chi^2/\text{NDF}: 116729.8/24$

Out: -18.866 ± 0.015 $\chi^2/\text{NDF}: 260717.2/28$

All: -20.404 ± 0.011 $\chi^2/\text{NDF}: 398551.0/53$

dit_sam4_4eY_slope vs Slug, Sign Corrected



Right In: 263.120+/-0.069 χ^2/NDF : 692885.4/14

Left Out: 266.144+/-0.046 χ^2/NDF :186628.7/10

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: 263.726+/-0.029 χ^2/NDF : 226795.3/20

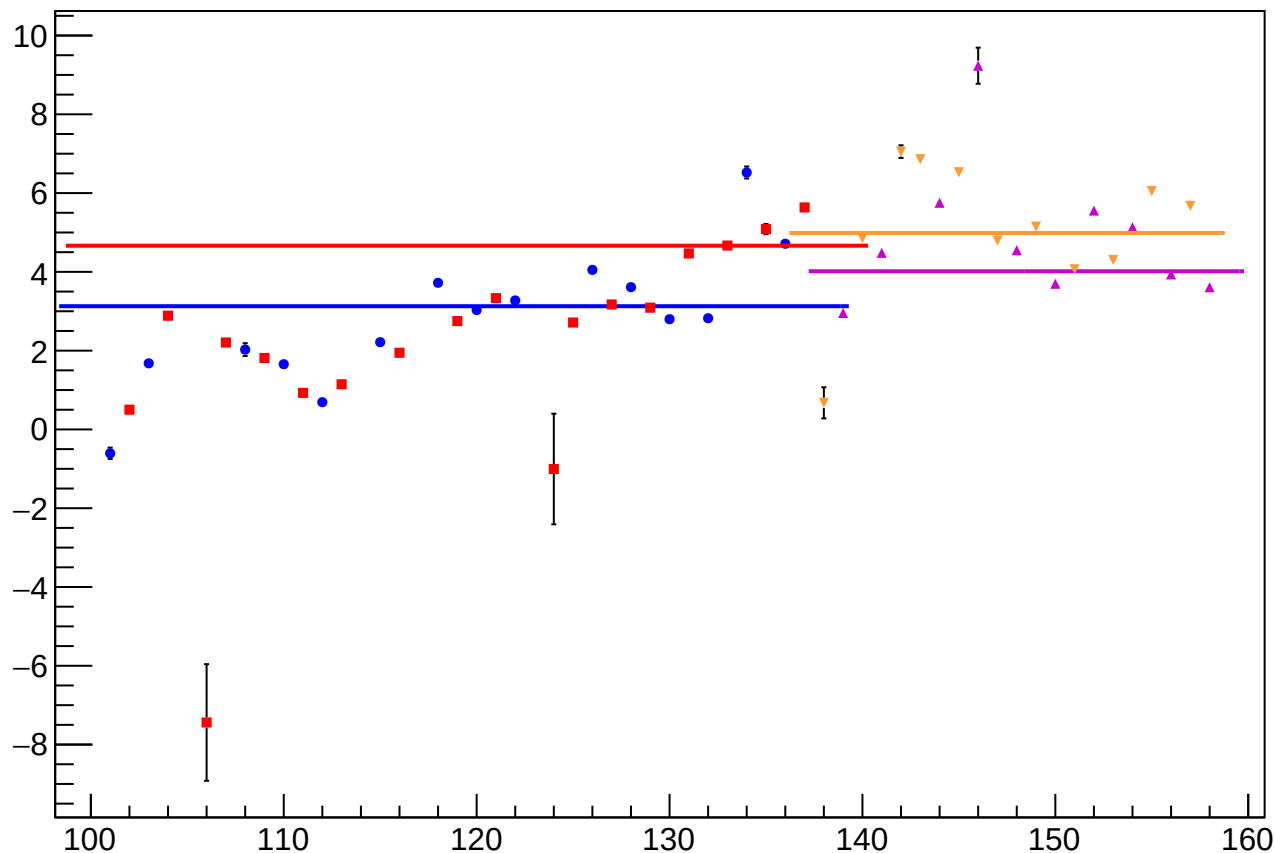
Right: 262.381+/-0.045 χ^2/NDF : 1699277.6/32

In: 262.383+/-0.033 χ^2/NDF :728714.7/24

Out: 264.543+/-0.037 χ^2/NDF :1196052.6/28

All: 263.338+/-0.024 χ^2/NDF : 1926695.2/53

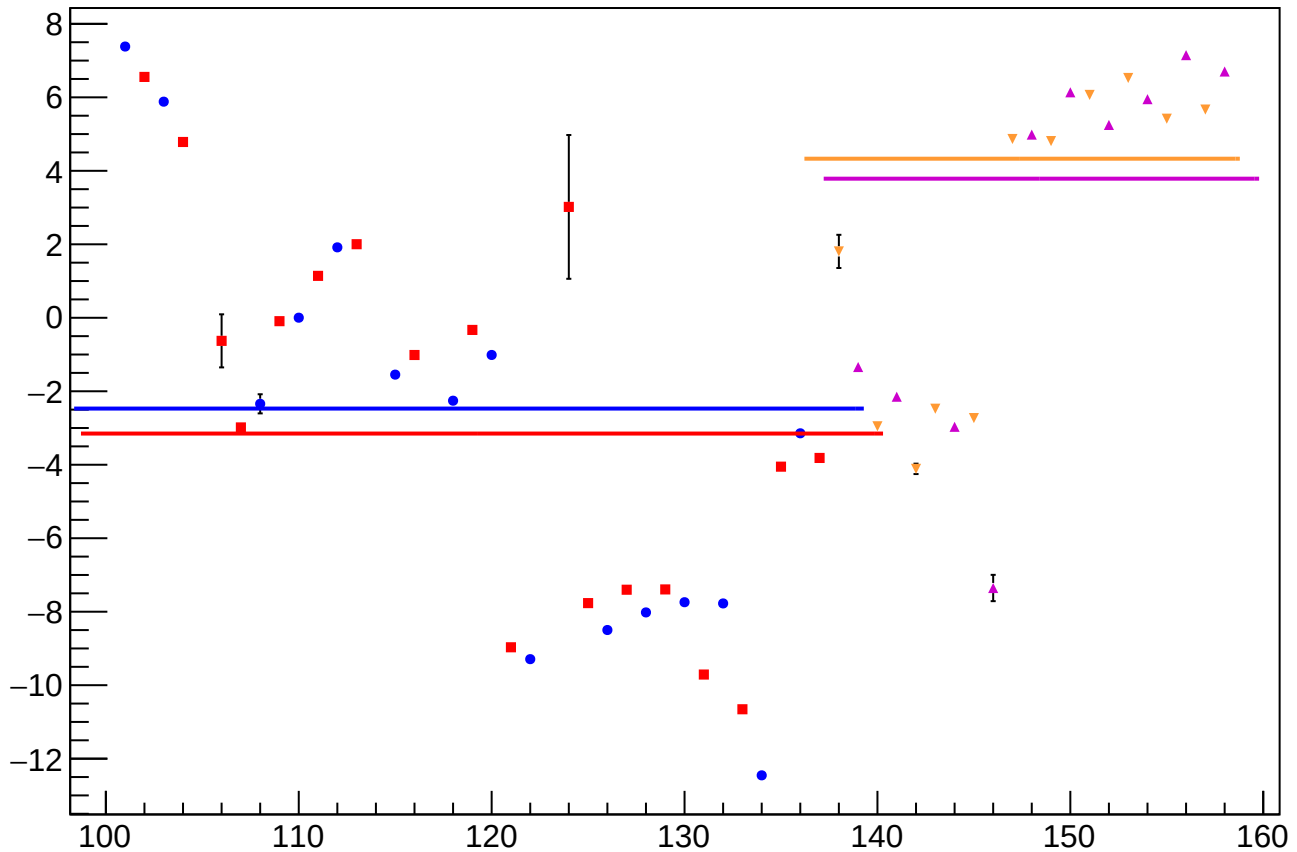
dit_sam5_4aX_slope vs Slug, Sign Corrected



Right In: 3.128 ± 0.016 $\chi^2/\text{NDF}: 5667.8/14$
 Left Out: 4.988 ± 0.018 $\chi^2/\text{NDF}: 1698.2/10$
 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: 4.486 ± 0.013 $\chi^2/\text{NDF}: 5572.6/20$
 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: 4.700 ± 0.006 $\chi^2/\text{NDF}: 68846.1/28$
 All: 4.456 ± 0.005 $\chi^2/\text{NDF}: 86284.2/53$

dit_sam5_4eX_slope vs Slug, Sign Corrected



Right In: -2.471 ± 0.014 χ^2/NDF : 242579.9/14

Left Out: 4.330 ± 0.015 χ^2/NDF : 35566.0/10

Right Out: -3.151 ± 0.007 χ^2/NDF : 247427.7/17

Left In: 3.786 ± 0.015 χ^2/NDF : 58934.5/9

Left: 4.067 ± 0.011 χ^2/NDF : 95157.2/20

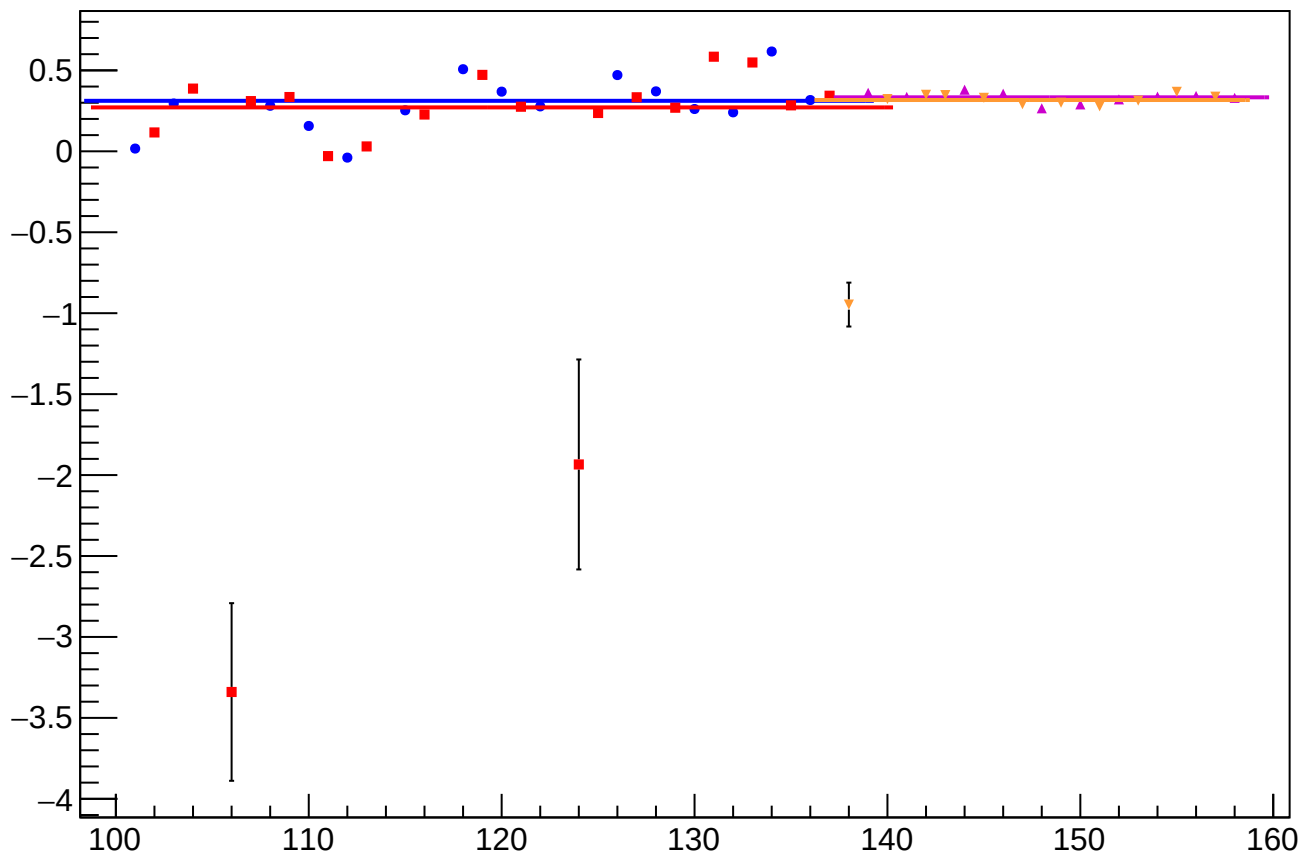
Right: -3.003 ± 0.007 χ^2/NDF : 491827.6/32

In: 0.413 ± 0.010 χ^2/NDF : 392209.3/24

Out: -1.635 ± 0.007 χ^2/NDF : 488211.4/28

All: -1.039 ± 0.006 χ^2/NDF : 908141.3/53

dit_sam5_11X12X_slope vs Slug, Sign Corrected



Right In: 0.312 $\pm$ 0.001 χ^2 /NDF: 1319.2/14

Left Out: 0.317 $\pm$ 0.001 χ^2 /NDF:1131.1/10

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: 0.326 $\pm$ 0.001 χ^2 /NDF: 3291.2/20

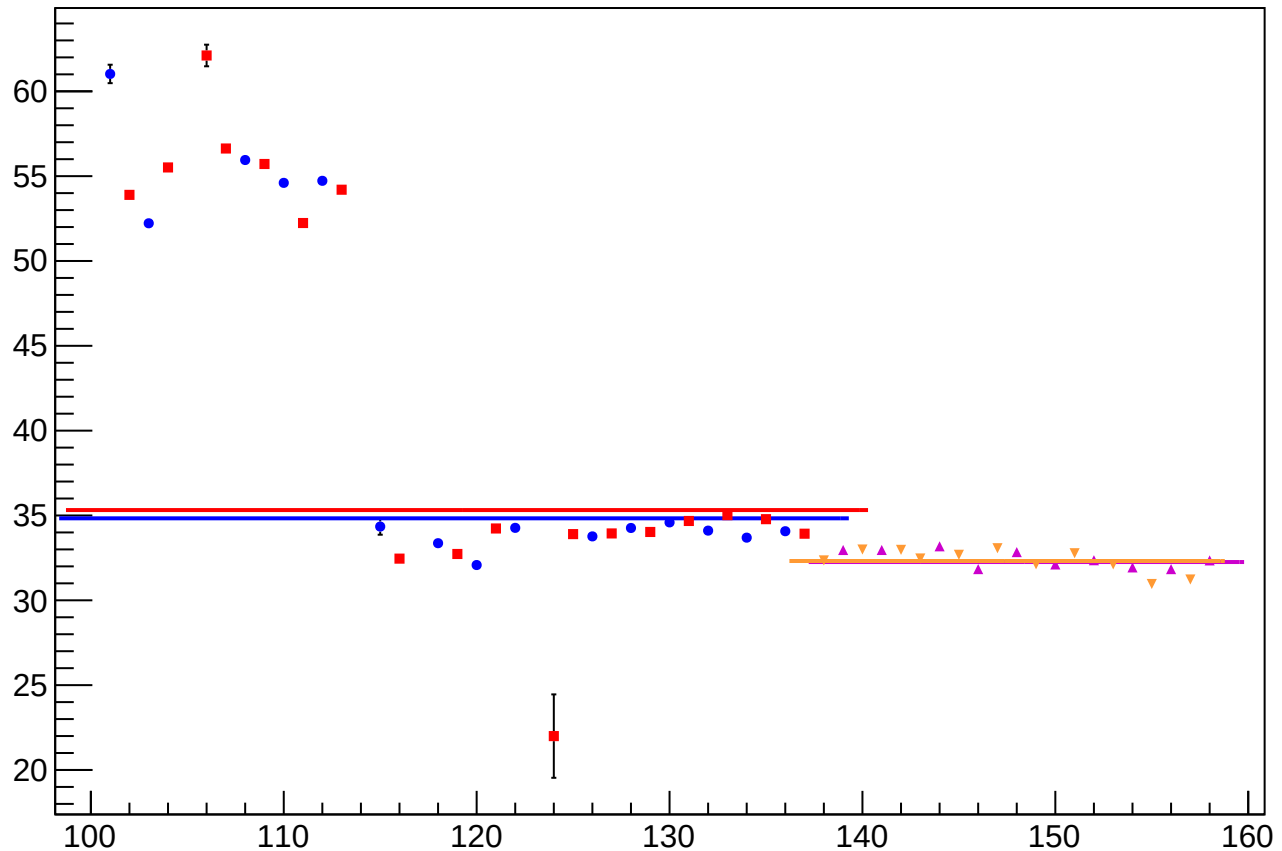
Right: 0.301 $\pm$ 0.001 χ^2 /NDF: 7735.2/32

In: 0.328 $\pm$ 0.001 χ^2 /NDF:3470.0/24

Out: 0.311 $\pm$ 0.001 χ^2 /NDF:7682.9/28

All: 0.321 $\pm$ 0.000 χ^2 /NDF: 11434.4/53

dit_sam5_4aY_slope vs Slug, Sign Corrected



Right In: 34.832 $\pm$ 0.009 χ^2 /NDF: 245568.8/14

Left Out: 32.316 $\pm$ 0.006 χ^2 /NDF:3209.3/10

Right Out: 35.319 $\pm$ 0.010 χ^2 /NDF: 261492.0/17

Left In: 32.256 $\pm$ 0.005 χ^2 /NDF:4747.9/9

Left: 32.278 $\pm$ 0.004 χ^2 /NDF: 8014.3/20

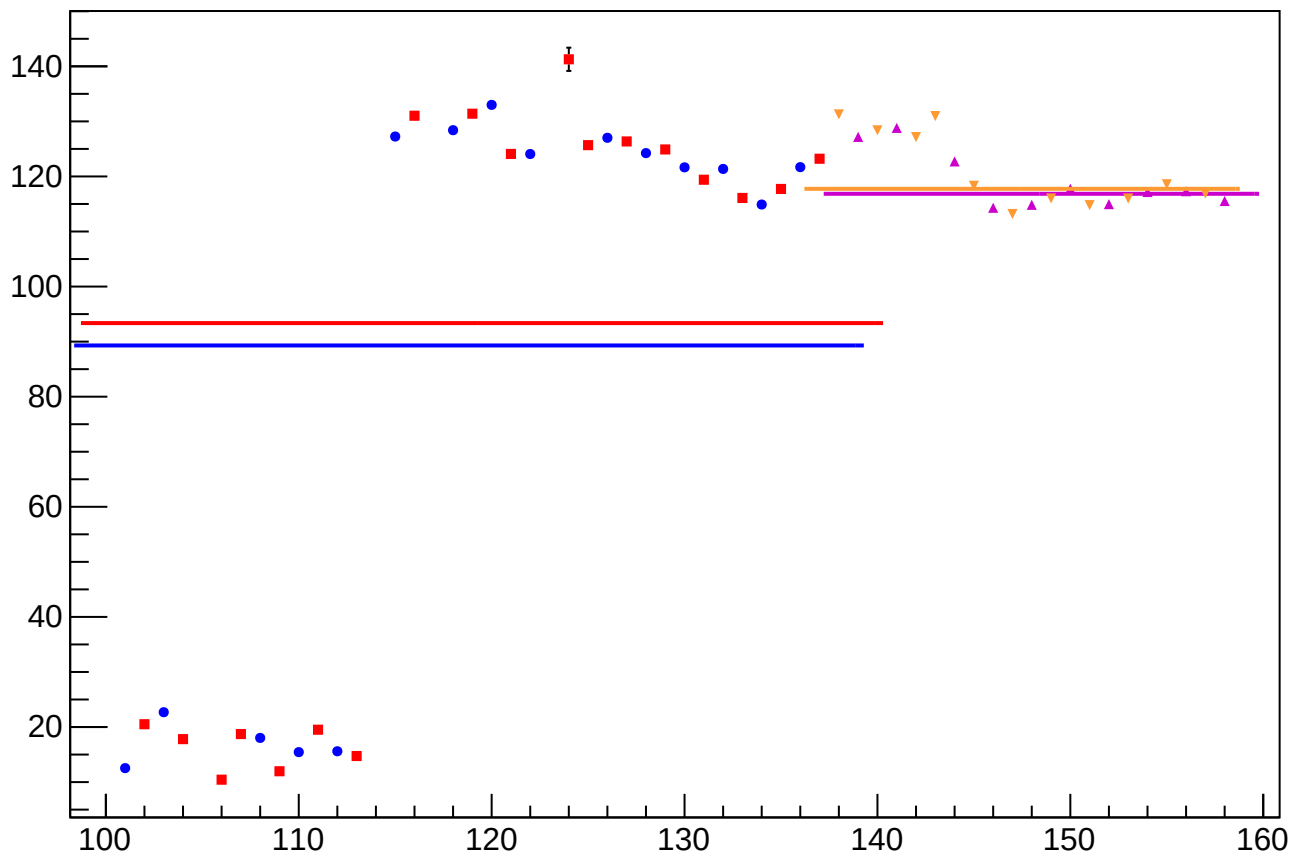
Right: 35.041 $\pm$ 0.007 χ^2 /NDF: 508429.6/32

In: 32.873 $\pm$ 0.004 χ^2 /NDF:318221.2/24

Out: 33.185 $\pm$ 0.005 χ^2 /NDF:329388.6/28

All: 32.992 $\pm$ 0.003 χ^2 /NDF: 649712.4/53

dit_sam5_4eY_slope vs Slug, Sign Corrected



Right In: 89.302 ± 0.027 $\chi^2/\text{NDF}: 3034485.1/14$

Left Out: 117.751 ± 0.014 $\chi^2/\text{NDF}: 110804.7/10$

Right Out: 93.367 ± 0.030 $\chi^2/\text{NDF}: 2852493.6/17$

Left In: 116.850 ± 0.010 $\chi^2/\text{NDF}: 41206.3/9$

Left: 117.150 ± 0.008 $\chi^2/\text{NDF}: 154757.0/20$

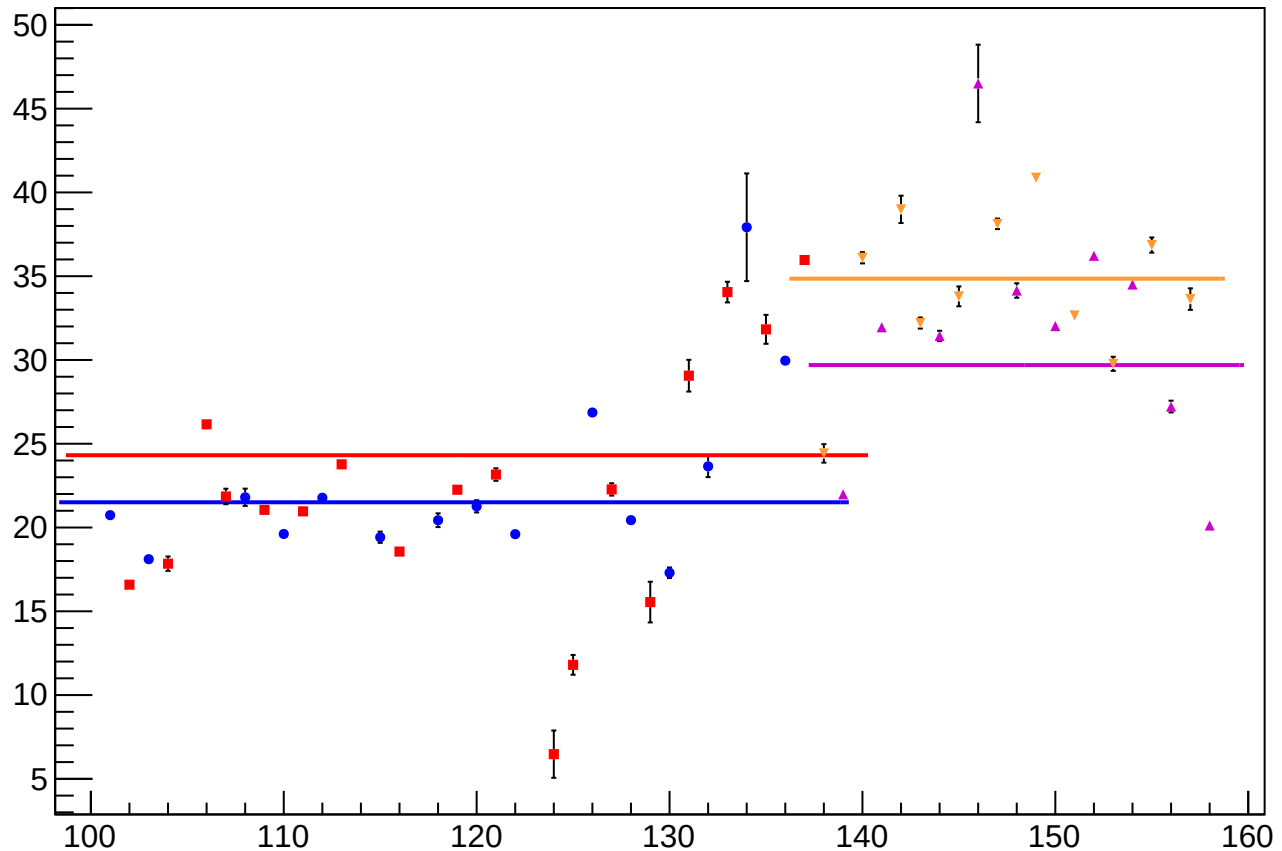
Right: 91.158 ± 0.020 $\chi^2/\text{NDF}: 5896996.6/32$

In: 113.663 ± 0.009 $\chi^2/\text{NDF}: 3967131.9/24$

Out: 113.355 ± 0.013 $\chi^2/\text{NDF}: 3506943.9/28$

All: 113.555 ± 0.008 $\chi^2/\text{NDF}: 7474458.4/53$

dit_sam6_4aX_slope vs Slug, Sign Corrected



Right In: 21.507 ± 0.072 $\chi^2/\text{NDF}: 2963.0/14$

Left Out: 34.853 ± 0.115 $\chi^2/\text{NDF}: 1229.9/10$

Right Out: 24.314 ± 0.058 $\chi^2/\text{NDF}: 14295.4/17$

Left In: 29.696 ± 0.085 $\chi^2/\text{NDF}: 4047.9/9$

Left: 31.531 ± 0.068 $\chi^2/\text{NDF}: 6577.3/20$

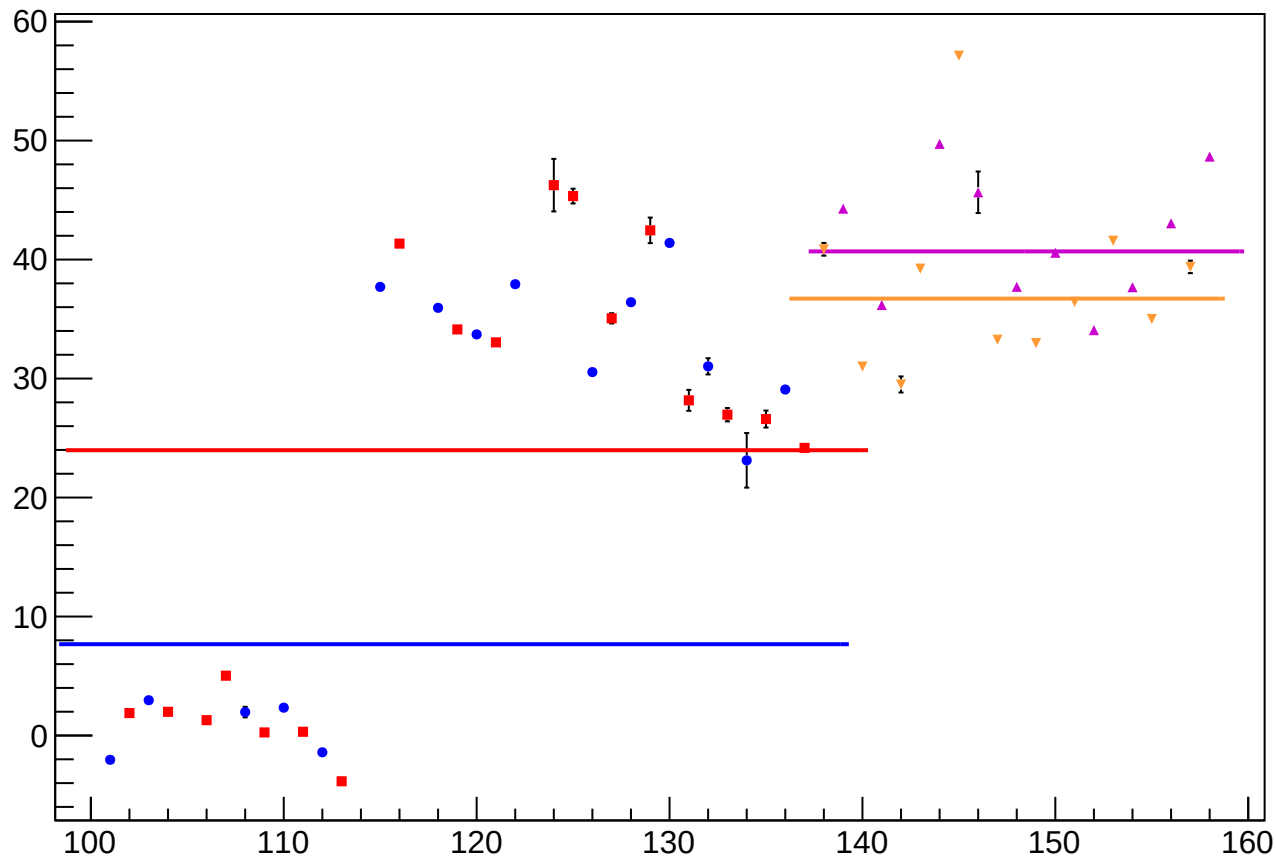
Right: 23.204 ± 0.045 $\chi^2/\text{NDF}: 18169.2/32$

In: 24.929 ± 0.055 $\chi^2/\text{NDF}: 12368.5/24$

Out: 26.484 ± 0.052 $\chi^2/\text{NDF}: 22215.6/28$

All: 25.751 ± 0.038 $\chi^2/\text{NDF}: 35003.9/53$

dit_sam6_4eX_slope vs Slug, Sign Corrected



Right In: 7.675 ± 0.045 $\chi^2/\text{NDF}: 96442.5/14$

Left Out: 36.718 ± 0.094 $\chi^2/\text{NDF}: 3715.5/10$

Right Out: 23.977 ± 0.008 $\chi^2/\text{NDF}: 110564.0/17$

Left In: 40.686 ± 0.071 $\chi^2/\text{NDF}: 3611.2/9$

Left: 39.230 ± 0.057 $\chi^2/\text{NDF}: 8461.6/20$

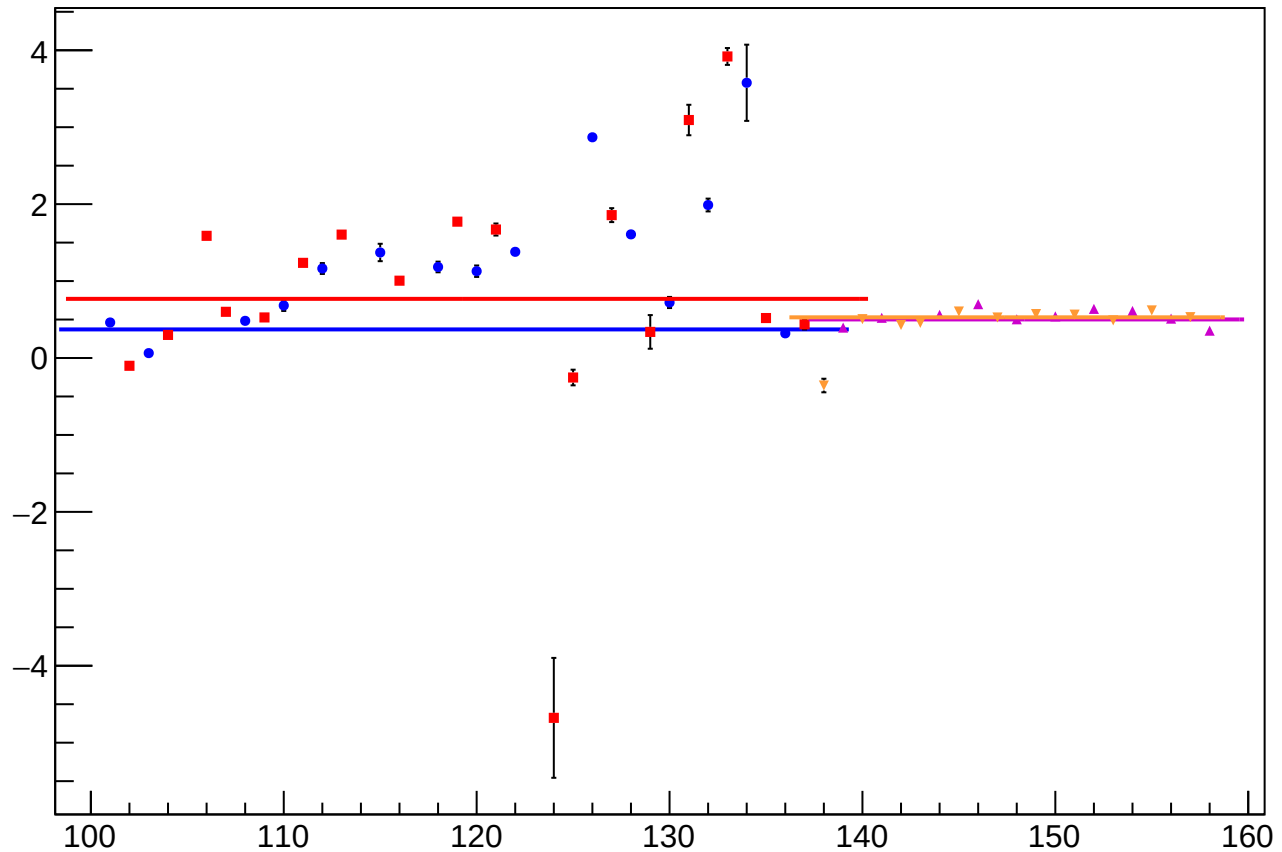
Right: 23.461 ± 0.008 $\chi^2/\text{NDF}: 332774.6/32$

In: 17.141 ± 0.038 $\chi^2/\text{NDF}: 252765.2/24$

Out: 24.074 ± 0.008 $\chi^2/\text{NDF}: 132623.4/28$

All: 23.772 ± 0.008 $\chi^2/\text{NDF}: 416885.9/53$

dit_sam6_11X12X_slope vs Slug, Sign Corrected



Right In: 0.372 ± 0.004 χ^2/NDF : 4748.7/14

Left Out: 0.529 ± 0.002 χ^2/NDF : 999.7/10

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: 0.512 ± 0.001 χ^2/NDF : 7287.7/20

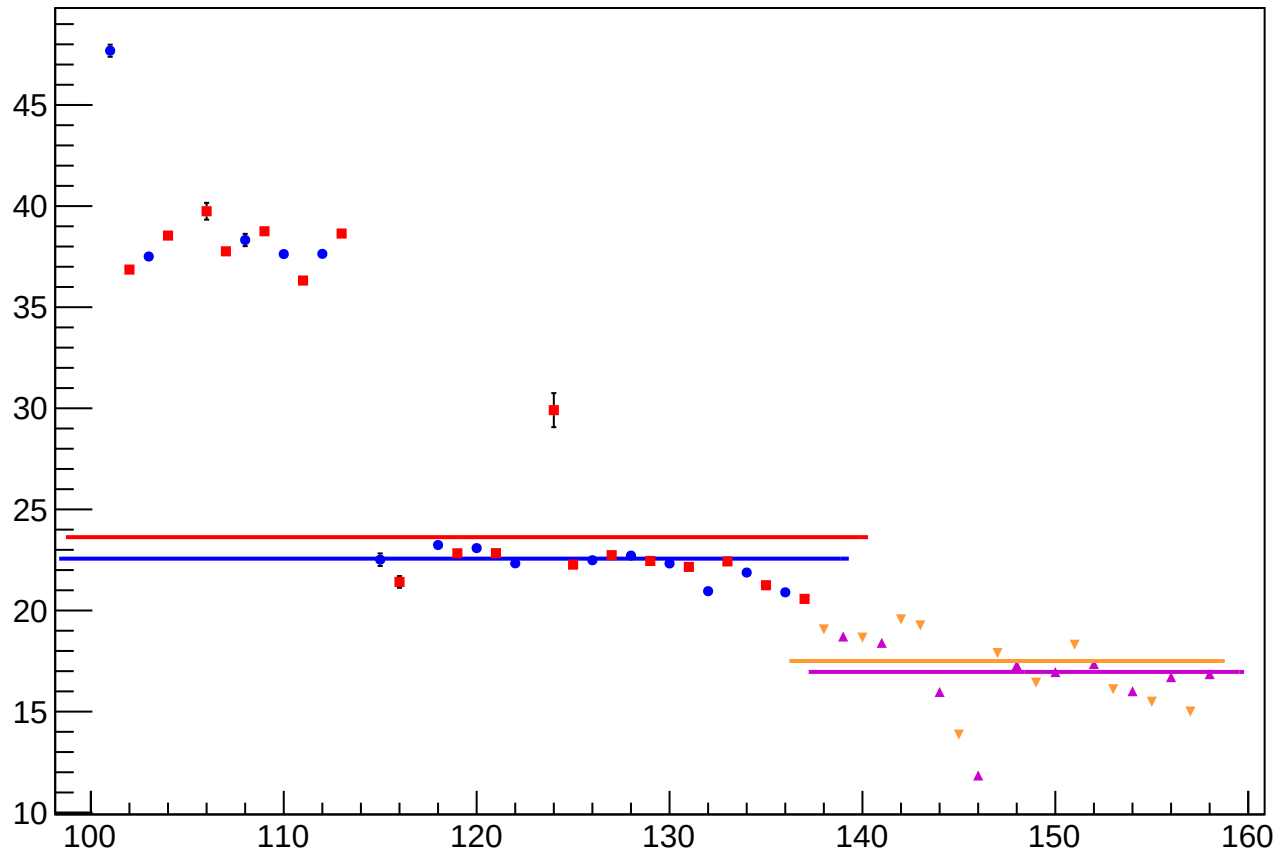
Right: 0.484 ± 0.004 χ^2/NDF : 11237.9/32

In: 0.489 ± 0.001 χ^2/NDF : 11685.0/24

Out: 0.543 ± 0.002 χ^2/NDF : 6266.8/28

All: 0.510 ± 0.001 χ^2/NDF : 18578.3/53

dit_sam6_4aY_slope vs Slug, Sign Corrected



Right In: 22.565 $\pm$ 0.010 χ^2 /NDF: 92859.1/14

Left Out: 17.502 $\pm$ 0.009 χ^2 /NDF: 42186.3/10

Right Out: 23.627 $\pm$ 0.011 χ^2 /NDF: 123194.1/17

Left In: 16.962 $\pm$ 0.009 χ^2 /NDF: 12431.9/9

Left: 17.210 $\pm$ 0.006 χ^2 /NDF: 56422.1/20

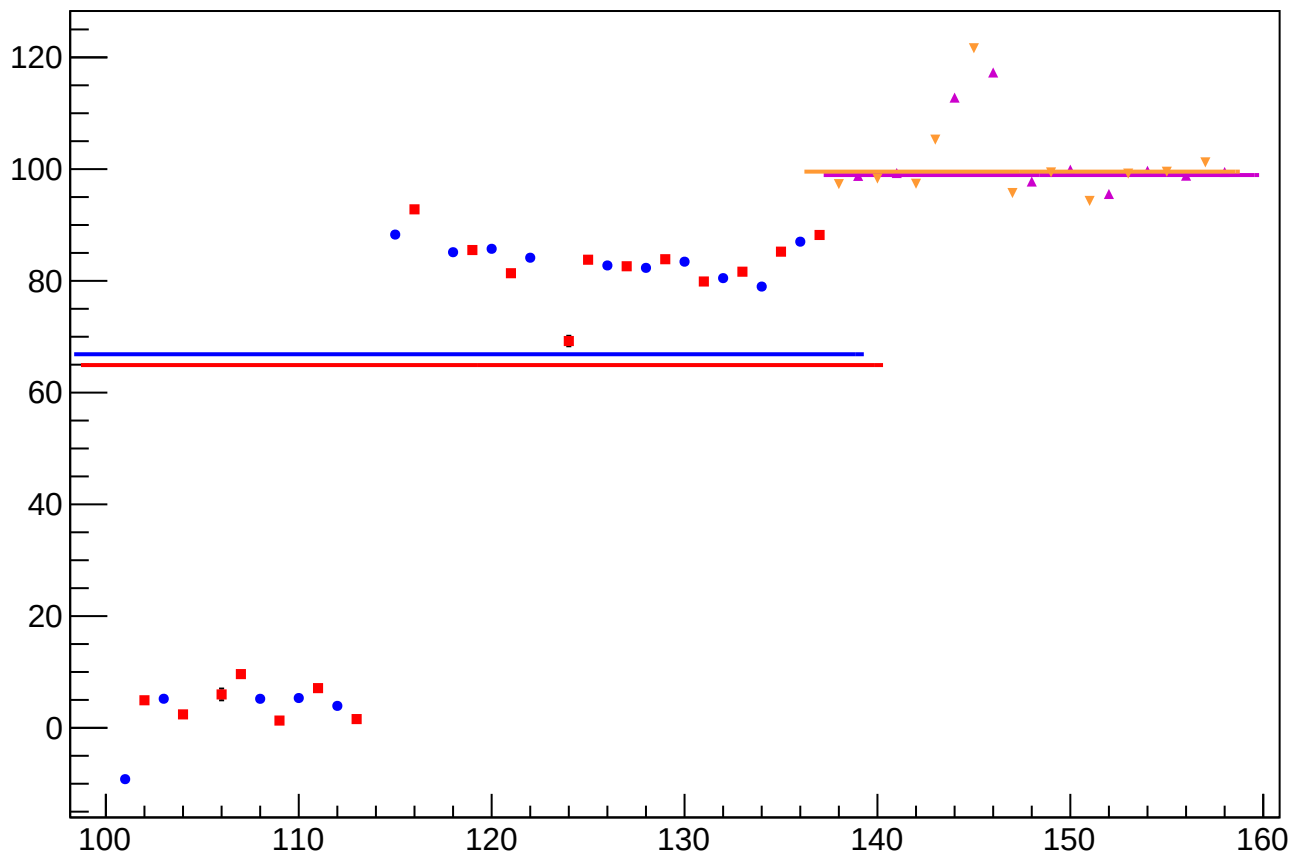
Right: 23.044 $\pm$ 0.008 χ^2 /NDF: 220970.6/32

In: 19.300 $\pm$ 0.007 χ^2 /NDF: 282000.9/24

Out: 20.007 $\pm$ 0.007 χ^2 /NDF: 341436.7/28

All: 19.623 $\pm$ 0.005 χ^2 /NDF: 628717.8/53

dit_sam6_4eY_slope vs Slug, Sign Corrected



Right In: 66.866 $\pm$ 0.027 χ^2 /NDF: 1494212.3/14

Left Out: 99.551 $\pm$ 0.016 χ^2 /NDF: 68550.0/10

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: 99.217 $\pm$ 0.011 χ^2 /NDF: 84206.6/20

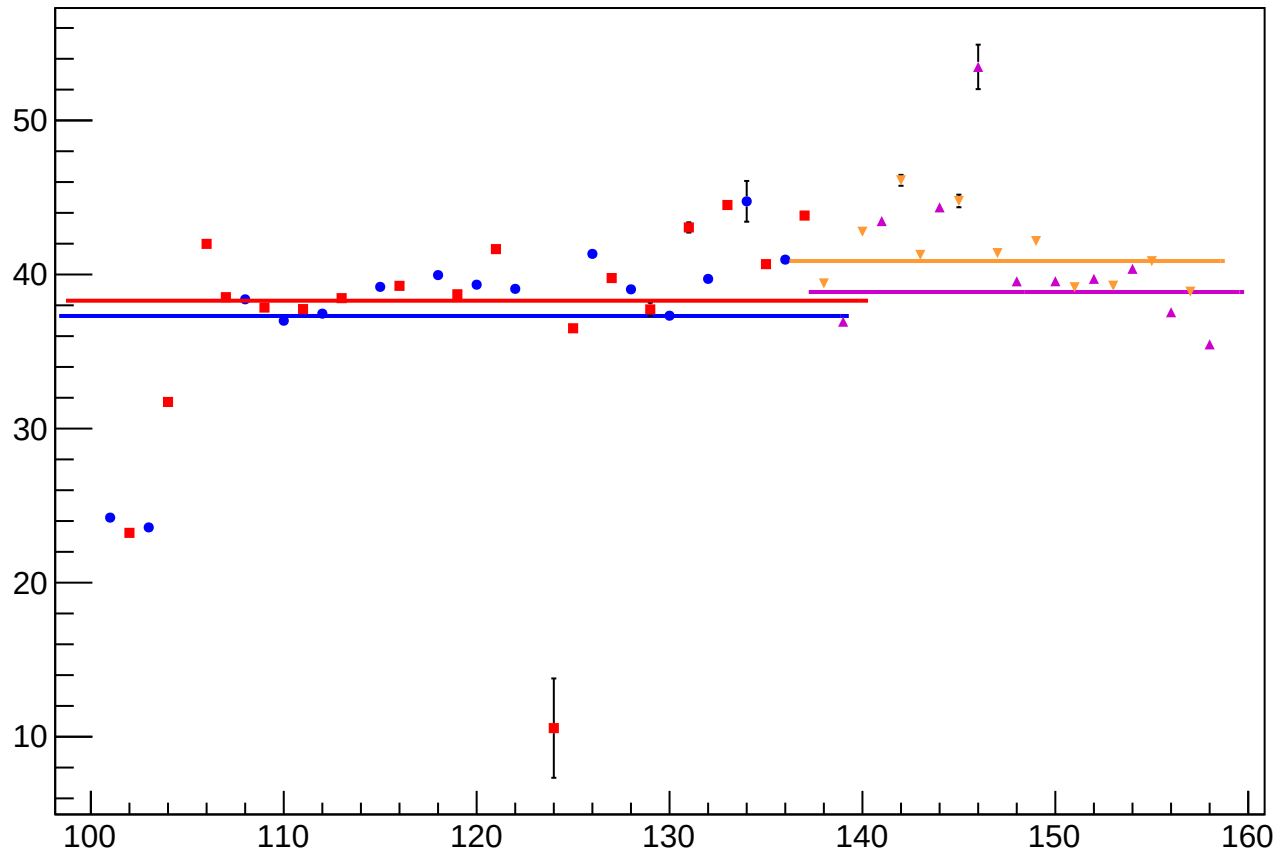
Right: 65.988 $\pm$ 0.020 χ^2 /NDF: 2831116.5/32

In: 91.846 $\pm$ 0.013 χ^2 /NDF: 2603123.5/24

Out: 91.932 $\pm$ 0.014 χ^2 /NDF: 2461032.7/28

All: 91.885 $\pm$ 0.009 χ^2 /NDF: 5064177.0/53

dit_sam7_4aX_slope vs Slug, Sign Corrected



Right In: 37.308 ± 0.023 $\chi^2/\text{NDF}: 59580.0/14$

Left Out: 40.876 ± 0.046 $\chi^2/\text{NDF}: 1089.8/10$

Right Out: 38.300 ± 0.021 $\chi^2/\text{NDF}: 18840.0/17$

Left In: 38.864 ± 0.031 $\chi^2/\text{NDF}: 5154.5/9$

Left: 39.496 ± 0.026 $\chi^2/\text{NDF}: 7554.9/20$

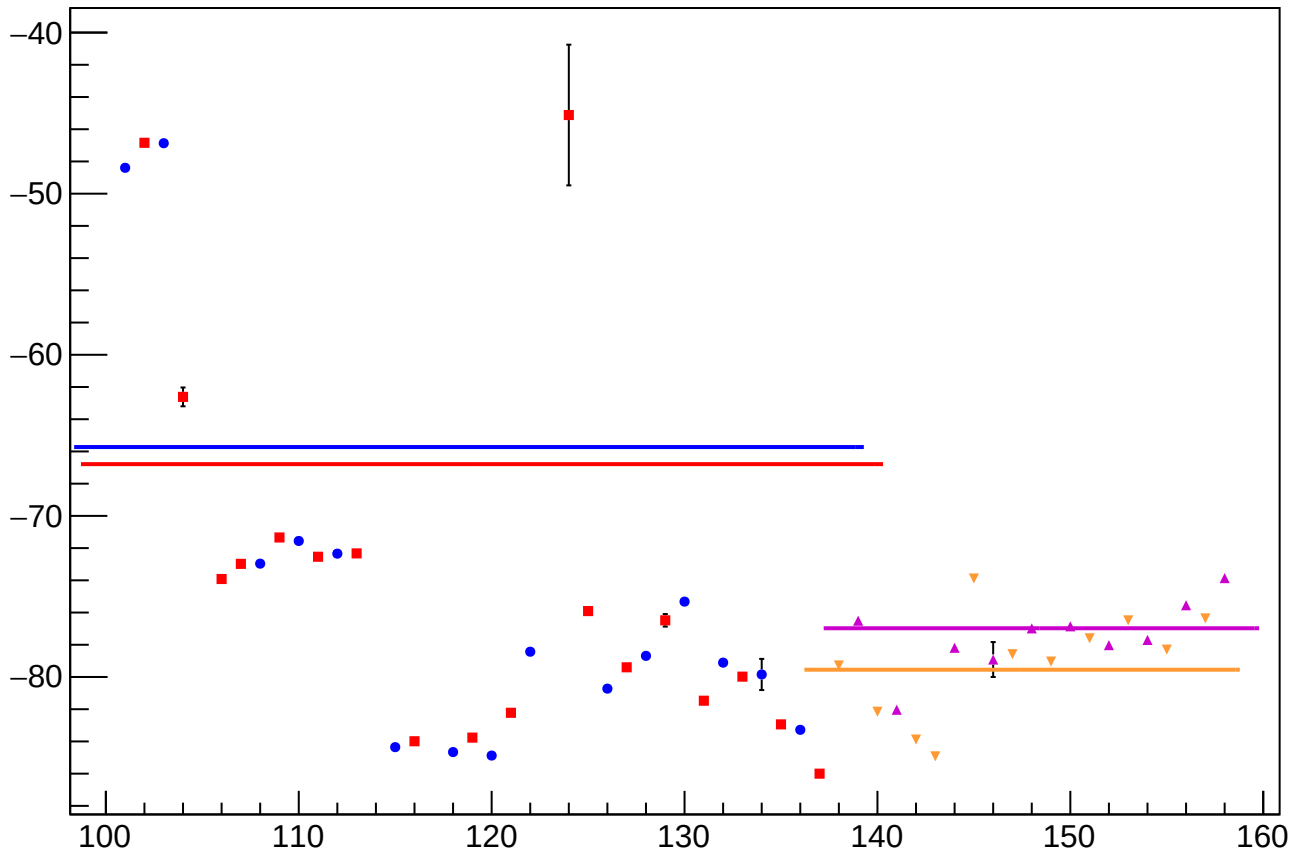
Right: 37.862 ± 0.015 $\chi^2/\text{NDF}: 79451.9/32$

In: 37.859 ± 0.019 $\chi^2/\text{NDF}: 66343.7/24$

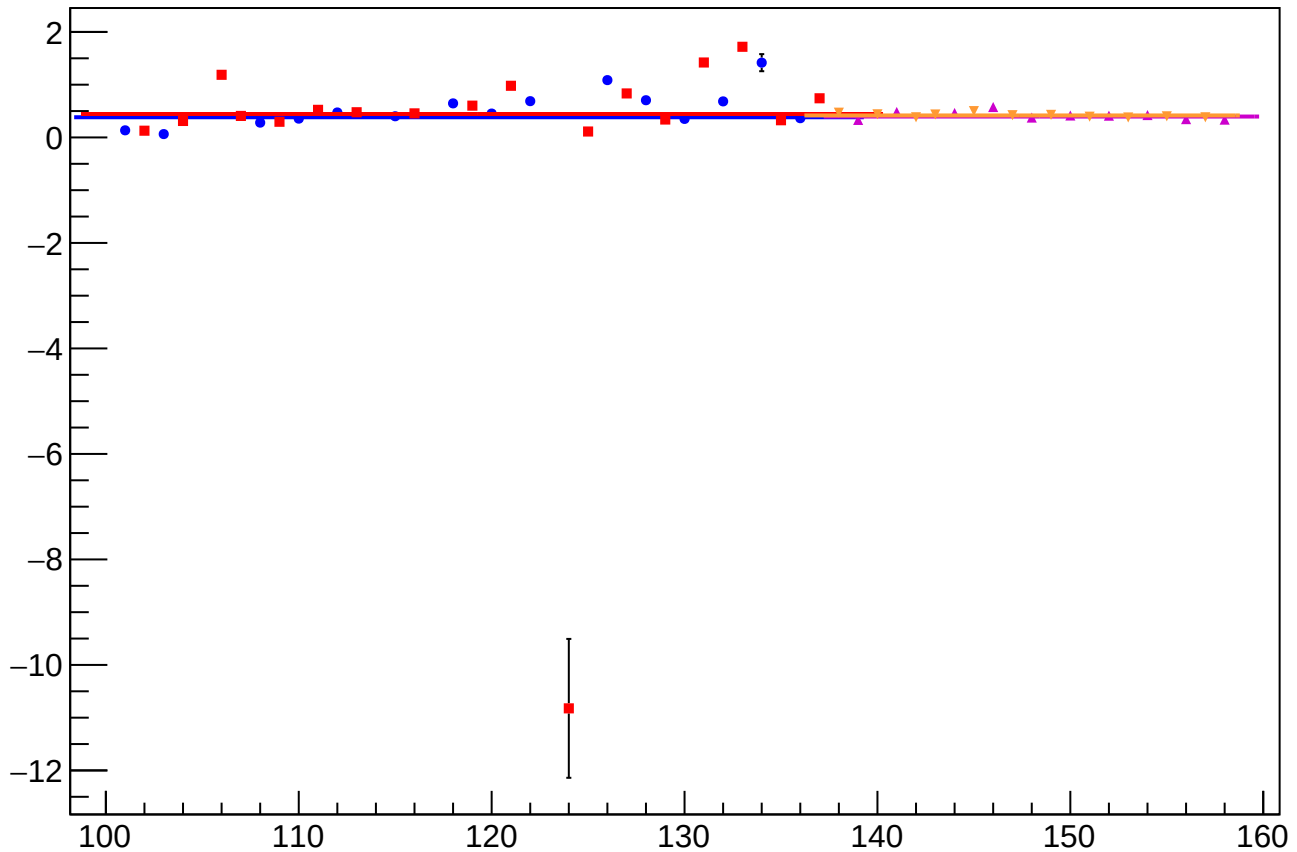
Out: 38.727 ± 0.019 $\chi^2/\text{NDF}: 22543.7/28$

All: 38.288 ± 0.013 $\chi^2/\text{NDF}: 89971.0/53$

dit_sam7_4eX_slope vs Slug, Sign Corrected



dit_sam7_11X12X_slope vs Slug, Sign Corrected



Right In: 0.383 $\pm$ 0.002 χ^2 /NDF: 8173.1/14

Left Out: 0.417 $\pm$ 0.001 χ^2 /NDF: 633.5/10

Right Out: 0.444 $\pm$ 0.004 χ^2 /NDF: 2786.2/17

Left In: 0.396 $\pm$ 0.001 χ^2 /NDF: 5092.6/9

Left: 0.403 $\pm$ 0.000 χ^2 /NDF: 6128.4/20

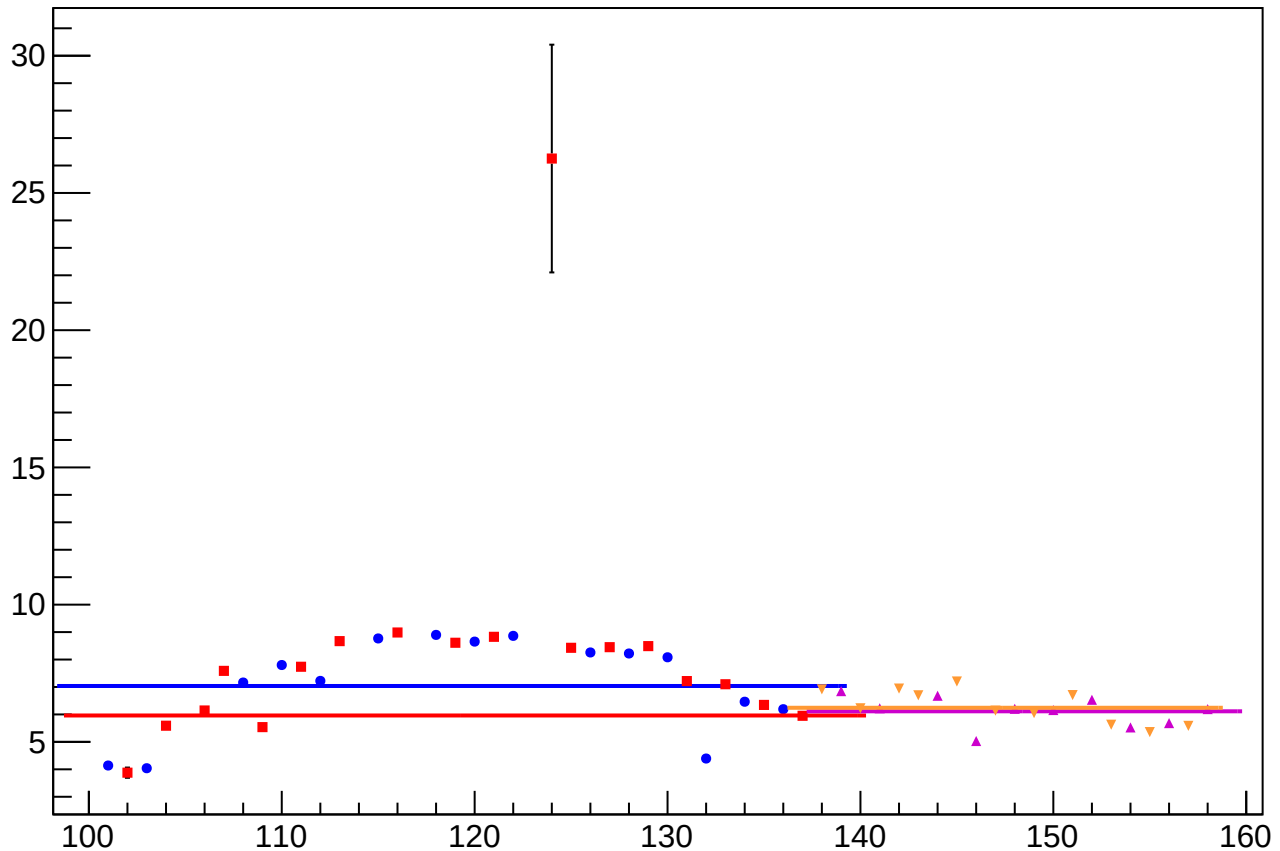
Right: 0.395 $\pm$ 0.002 χ^2 /NDF: 11182.8/32

In: 0.395 $\pm$ 0.001 χ^2 /NDF: 13311.7/24

Out: 0.418 $\pm$ 0.001 χ^2 /NDF: 3472.7/28

All: 0.402 $\pm$ 0.000 χ^2 /NDF: 17330.6/53

dit_sam7_4aY_slope vs Slug, Sign Corrected



Right In: 7.036+/-0.005 χ^2/NDF : 69905.1/14

Left Out: 6.243+/-0.003 χ^2/NDF :24616.3/10

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: 6.157+/-0.002 χ^2/NDF : 53776.8/20

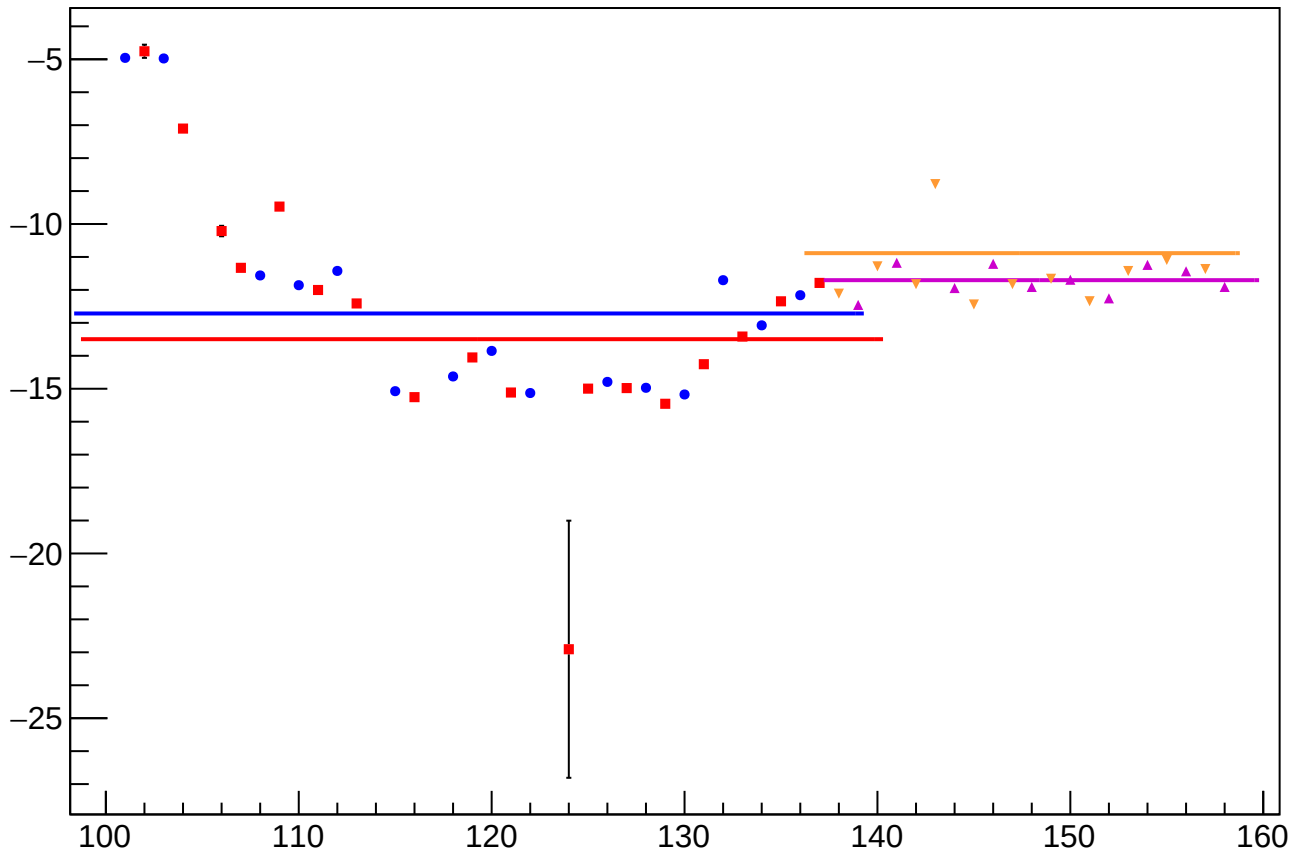
Right: 5.970+/-0.000 χ^2/NDF : 294275.6/32

In: 6.260+/-0.002 χ^2/NDF :132642.2/24

Out: 5.968+/-0.000 χ^2/NDF :203196.6/28

All: 5.982+/-0.000 χ^2/NDF : 360947.2/53

dit_sam7_4eY_slope vs Slug, Sign Corrected



Right In: -12.715 ± 0.006 χ^2/NDF : 85219.4/14

Left Out: -10.885 ± 0.003 χ^2/NDF : 163837.3/10

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: -11.383 ± 0.002 χ^2/NDF : 213767.5/20

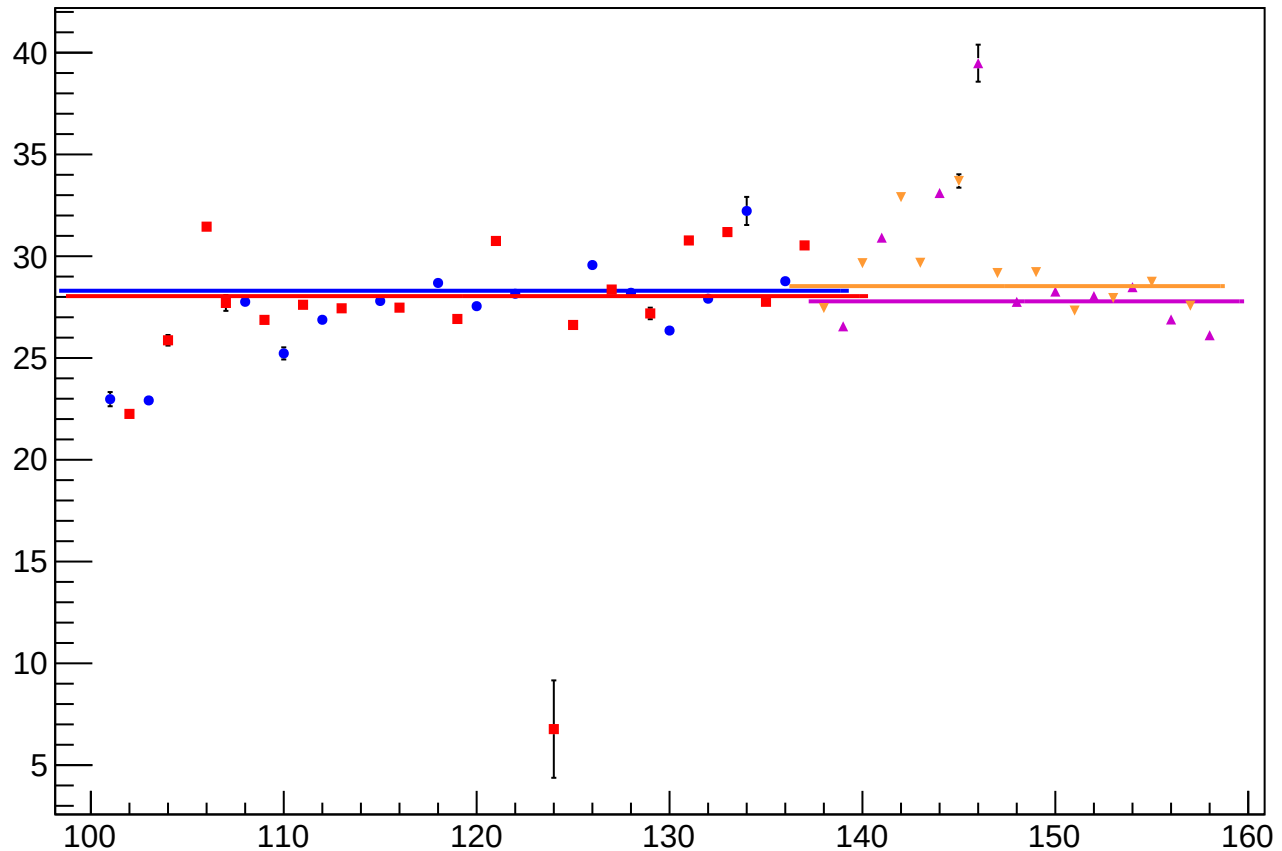
Right: -13.142 ± 0.004 χ^2/NDF : 149153.5/32

In: -11.852 ± 0.002 χ^2/NDF : 118760.4/24

Out: -11.518 ± 0.003 χ^2/NDF : 372562.5/28

All: -11.711 ± 0.002 χ^2/NDF : 499238.5/53

dit_sam8_4aX_slope vs Slug, Sign Corrected



Right In: 28.304 $\pm$ 0.023 χ^2 /NDF: 3400.0/14

Left Out: 28.531 $\pm$ 0.027 χ^2 /NDF:1977.1/10

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: 28.046 $\pm$ 0.016 χ^2 /NDF: 6879.3/20

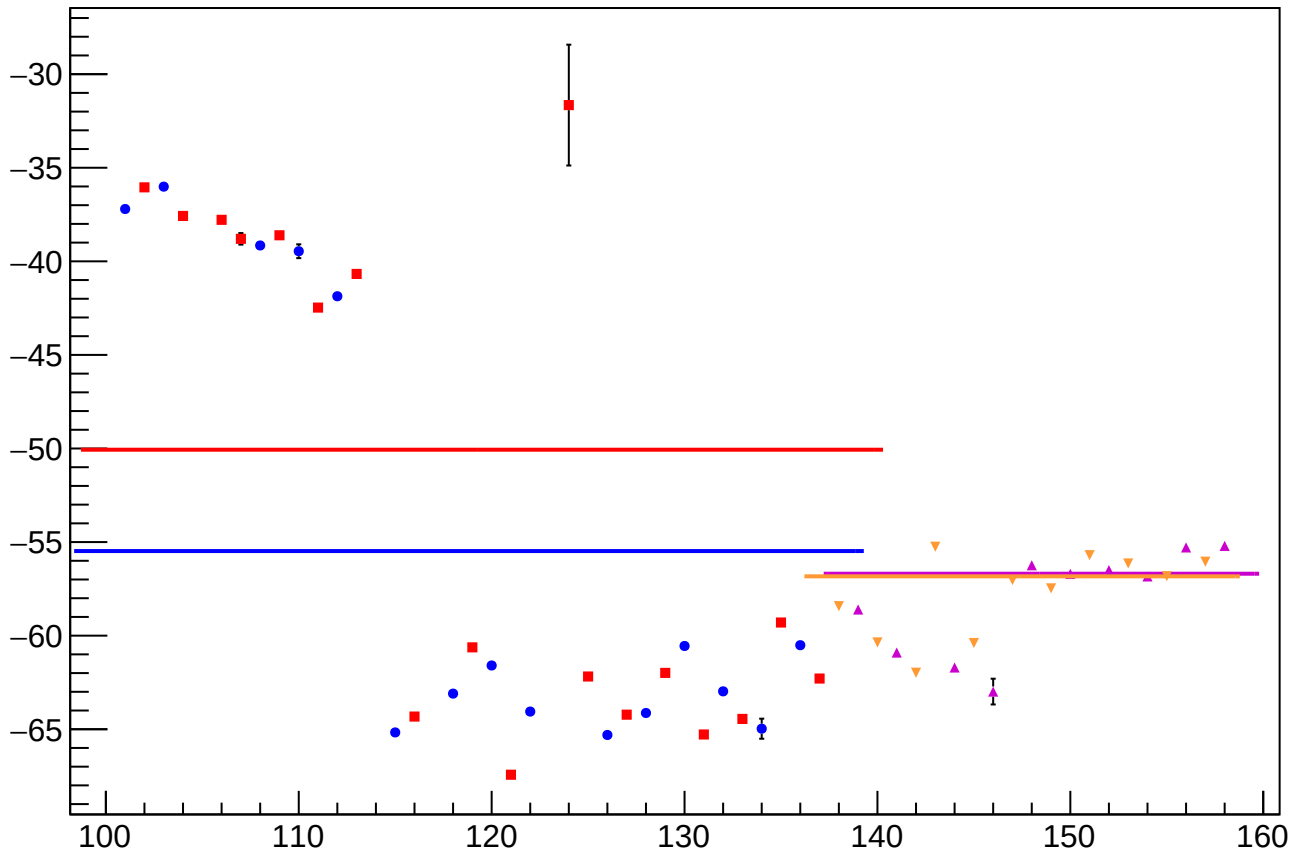
Right: 28.207 $\pm$ 0.018 χ^2 /NDF: 6009.6/32

In: 28.003 $\pm$ 0.015 χ^2 /NDF:8091.3/24

Out: 28.315 $\pm$ 0.020 χ^2 /NDF:4686.0/28

All: 28.115 $\pm$ 0.012 χ^2 /NDF: 12933.0/53

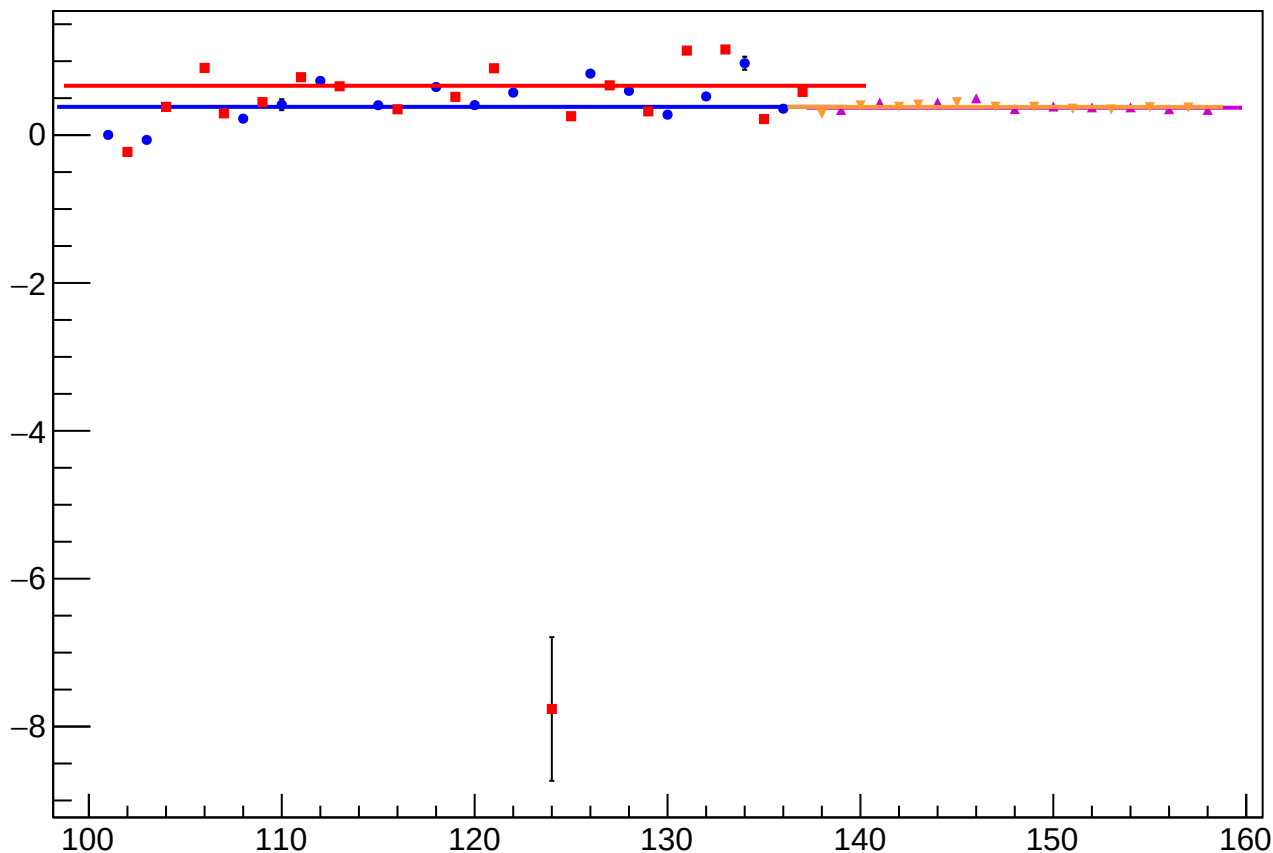
dit_sam8_4eX_slope vs Slug, Sign Corrected



Right In: -55.480 ± 0.017 $\chi^2/\text{NDF}: 595140.3/14$
 Left Out: -56.830 ± 0.023 $\chi^2/\text{NDF}: 4337.8/10$
 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: -56.737 ± 0.014 $\chi^2/\text{NDF}: 11223.2/20$
 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: -53.399 ± 0.016 $\chi^2/\text{NDF}: 386611.5/28$
 All: -55.179 ± 0.010 $\chi^2/\text{NDF}: 1008881.2/53$

dit_sam8_11X12X_slope vs Slug, Sign Corrected



Right In: 0.382 ± 0.002 $\chi^2/\text{NDF}: 4595.8/14$

Left Out: 0.382 ± 0.001 $\chi^2/\text{NDF}: 1167.3/10$

Right Out: 0.668 ± 0.005 $\chi^2/\text{NDF}: 3704.8/17$

Left In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 3527.7/9$

Left: 0.374 ± 0.000 $\chi^2/\text{NDF}: 4924.7/20$

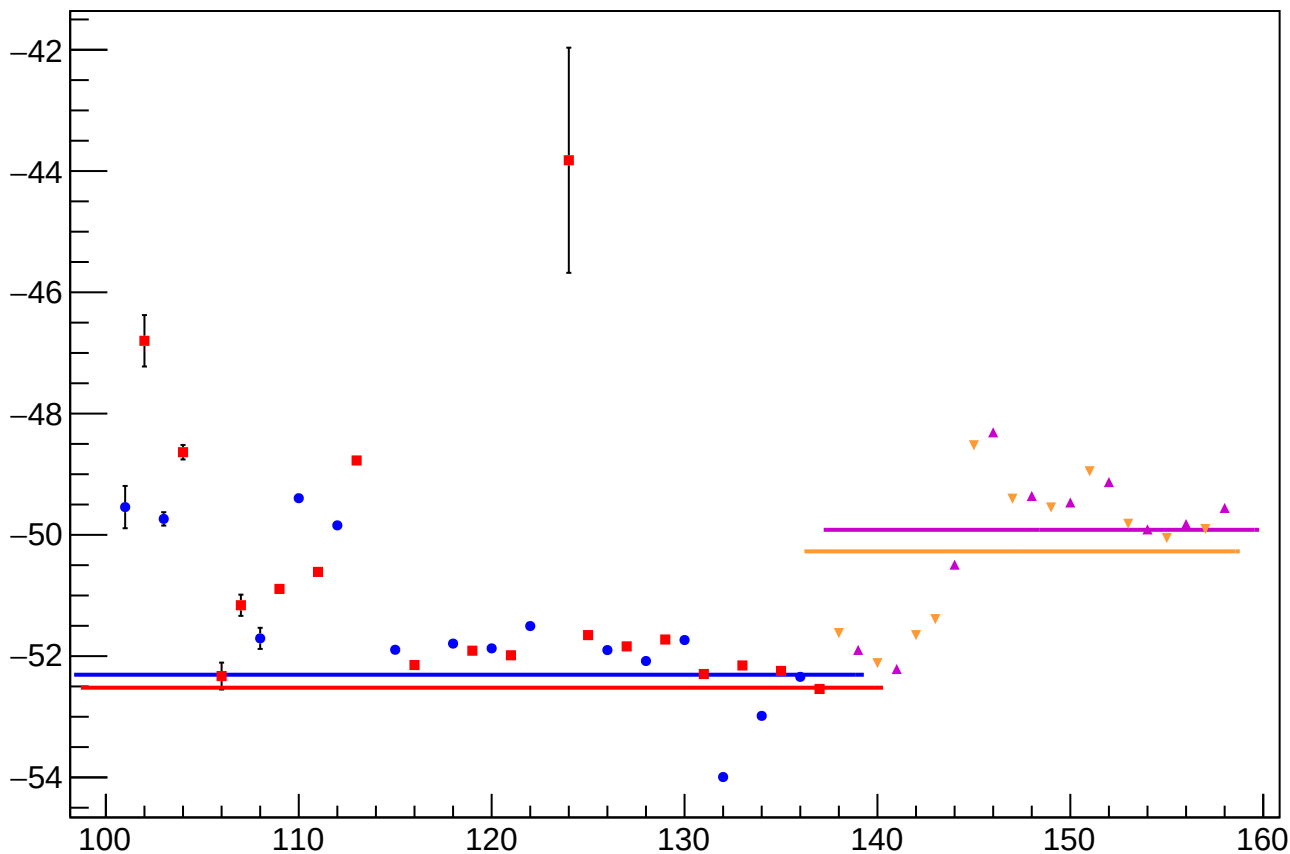
Right: 0.413 ± 0.002 $\chi^2/\text{NDF}: 11721.4/32$

In: 0.371 ± 0.000 $\chi^2/\text{NDF}: 8173.7/24$

Out: 0.386 ± 0.001 $\chi^2/\text{NDF}: 8666.6/28$

All: 0.376 ± 0.000 $\chi^2/\text{NDF}: 17273.4/53$

dit_sam8_4aY_slope vs Slug, Sign Corrected



Right In: -52.307 ± 0.004 χ^2/NDF : 25427.4/14

Left Out: -50.272 ± 0.003 χ^2/NDF : 123792.9/10

Right Out: -52.521 ± 0.001 χ^2/NDF : 14961.7/17

Left In: -49.917 ± 0.002 χ^2/NDF : 224230.1/9

Left: -50.030 ± 0.002 χ^2/NDF : 359593.6/20

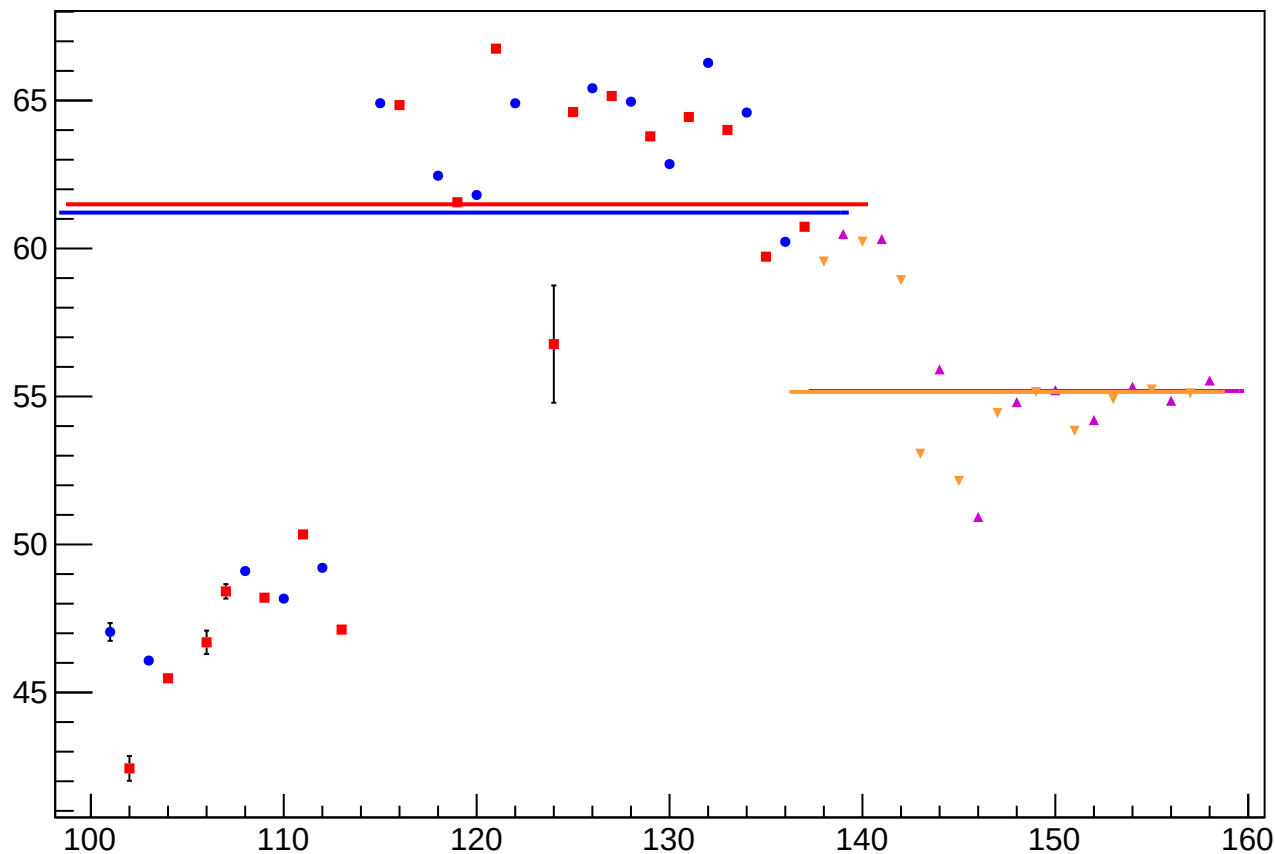
Right: -52.505 ± 0.001 χ^2/NDF : 43203.2/32

In: -50.366 ± 0.002 χ^2/NDF : 557706.6/24

Out: -52.205 ± 0.001 χ^2/NDF : 722259.6/28

All: -51.708 ± 0.001 χ^2/NDF : 2153303.2/53

dit_sam8_4eY_slope vs Slug, Sign Corrected



Right In: 61.213 $\pm$ 0.010 χ^2/NDF : 156624.5/14

Left Out: 55.154 $\pm$ 0.005 χ^2/NDF : 194307.9/10

Right Out: 61.493 $\pm$ 0.007 χ^2/NDF : 243479.8/17

Left In: 55.187 $\pm$ 0.003 χ^2/NDF : 60920.4/9

Left: 55.176 $\pm$ 0.003 χ^2/NDF : 255261.6/20

Right: 61.405 $\pm$ 0.006 χ^2/NDF : 400649.5/32

In: 55.794 $\pm$ 0.003 χ^2/NDF : 548871.8/24

Out: 57.218 $\pm$ 0.004 χ^2/NDF : 1038373.7/28

All: 56.369 $\pm$ 0.002 χ^2/NDF : 1669600.0/53

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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_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

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Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

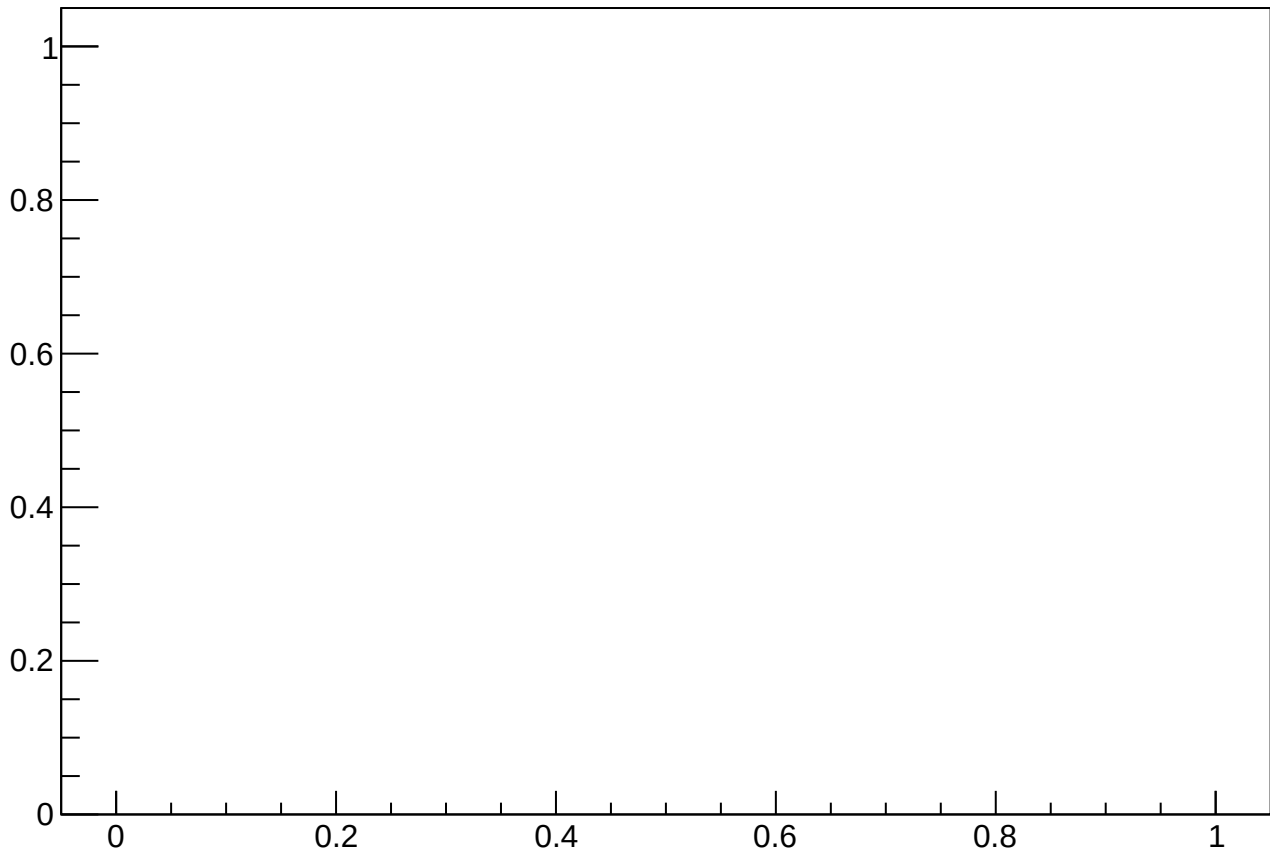
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

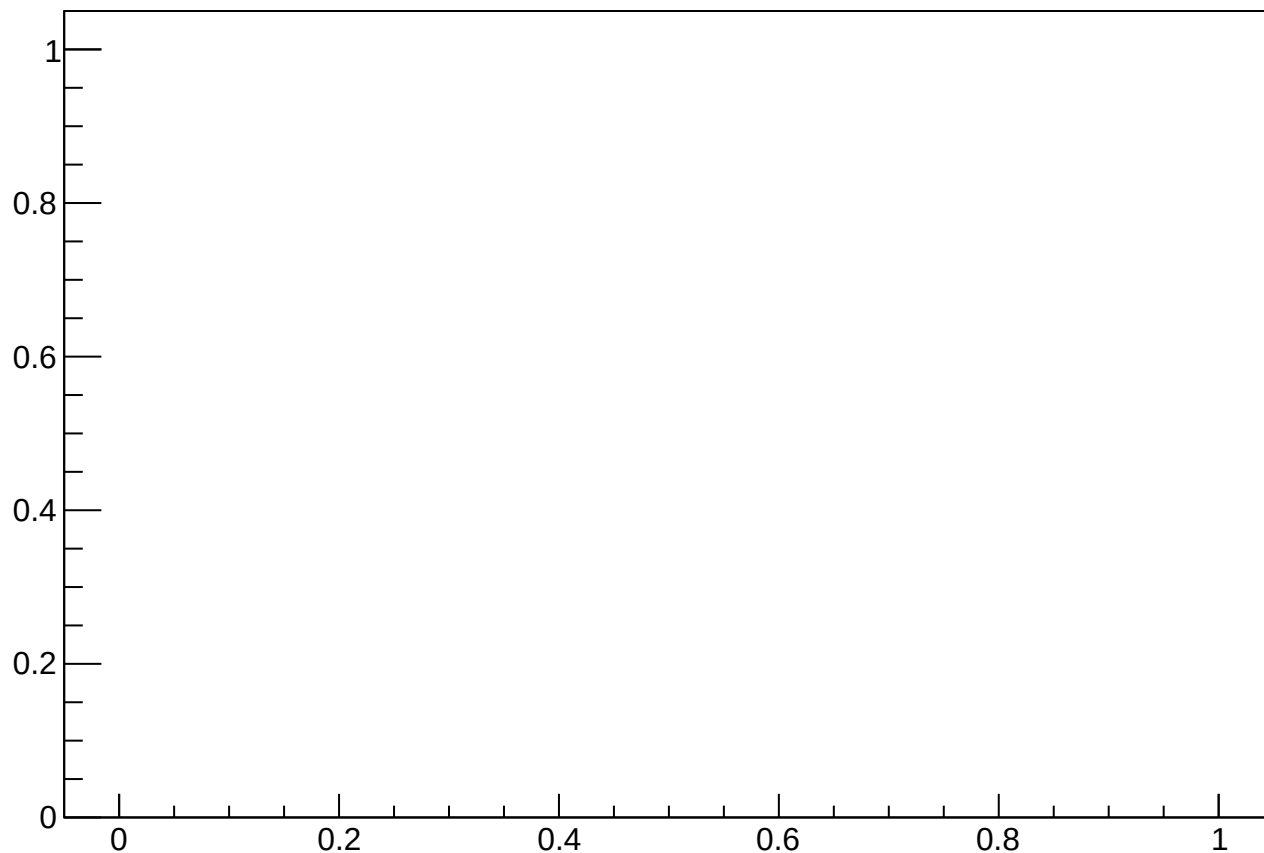
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

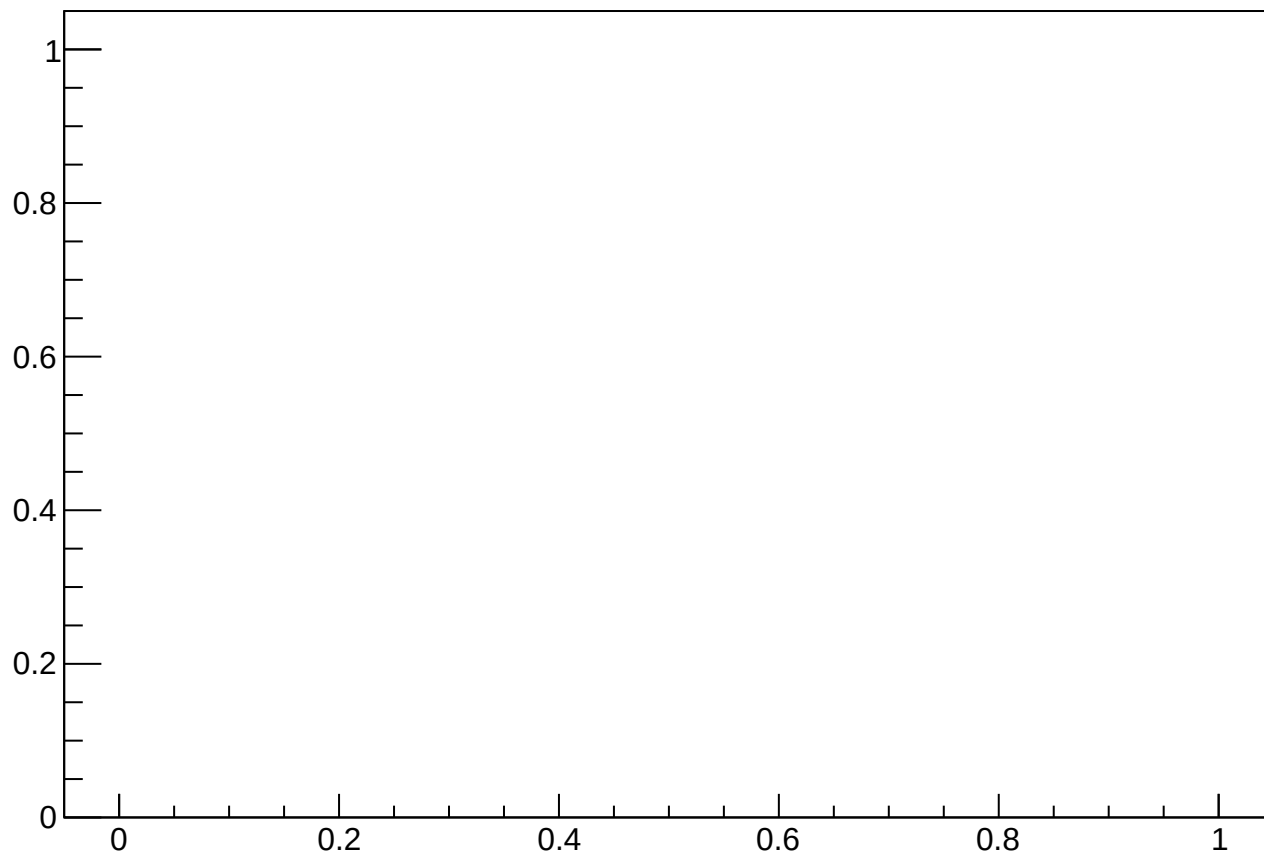
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil1_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

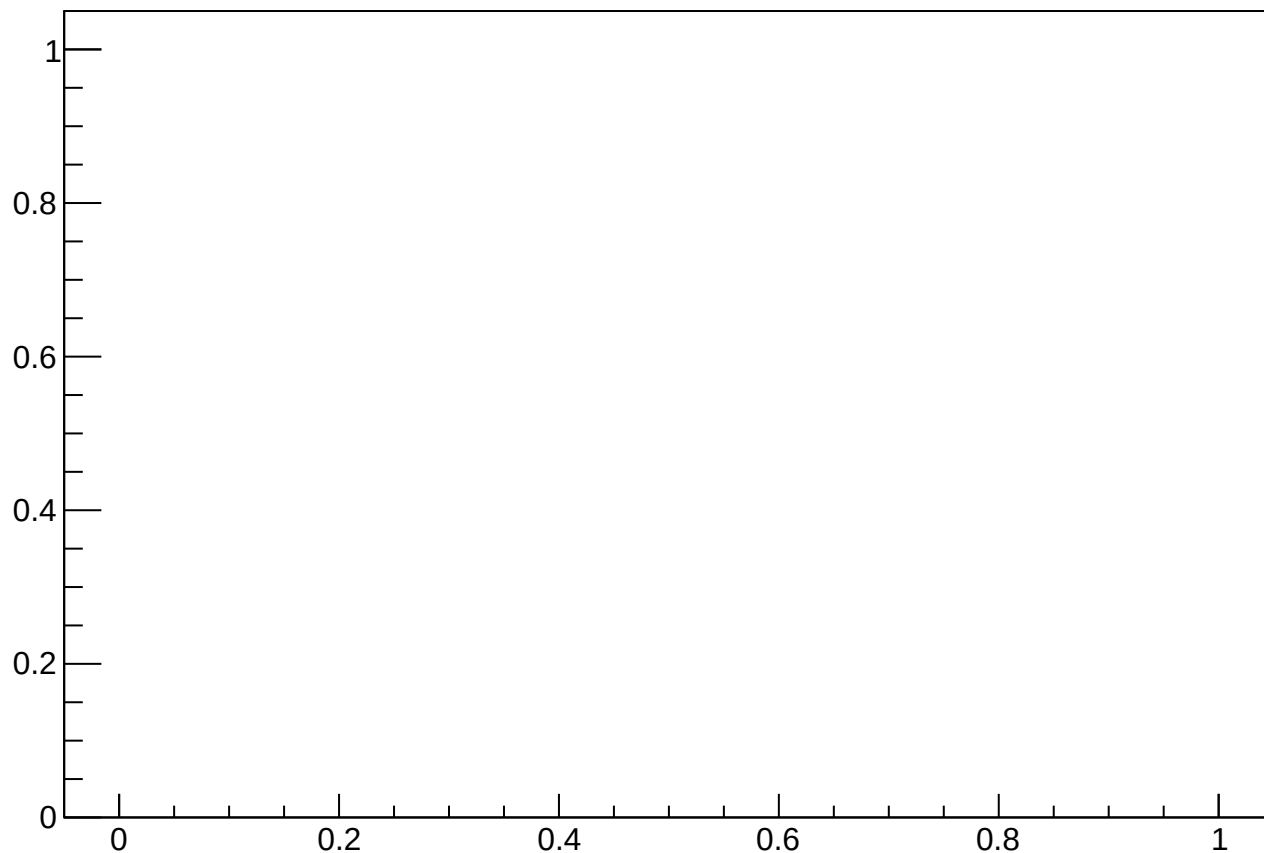
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_11X12X_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

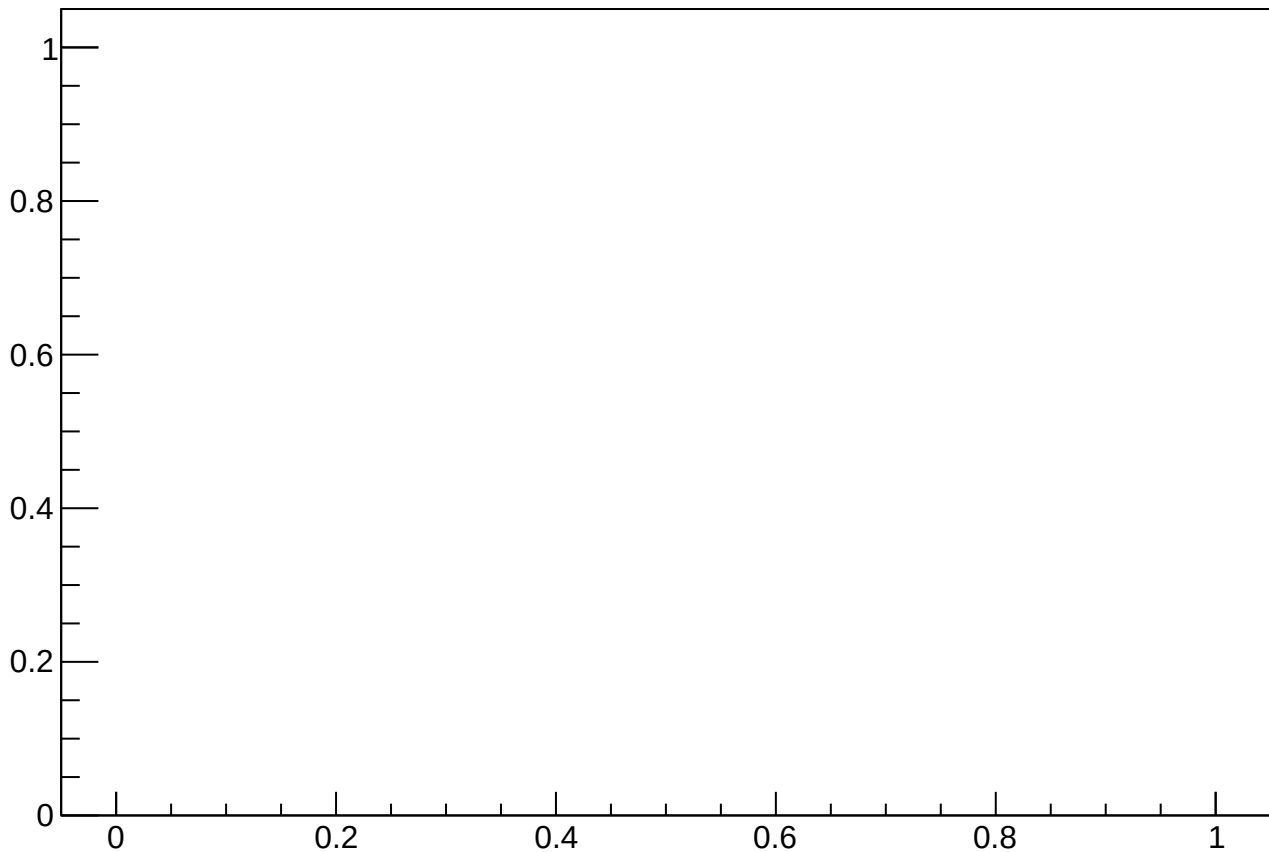
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

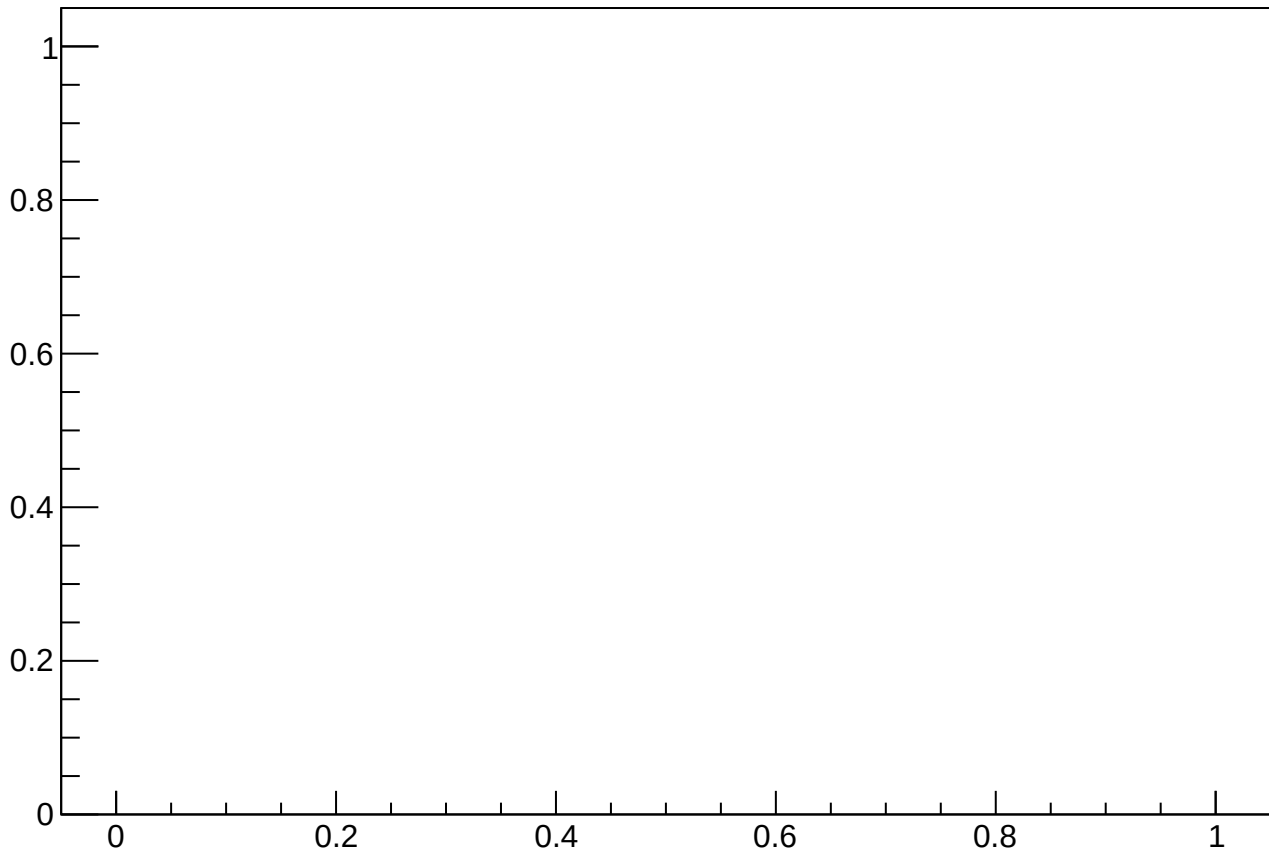
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam3_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

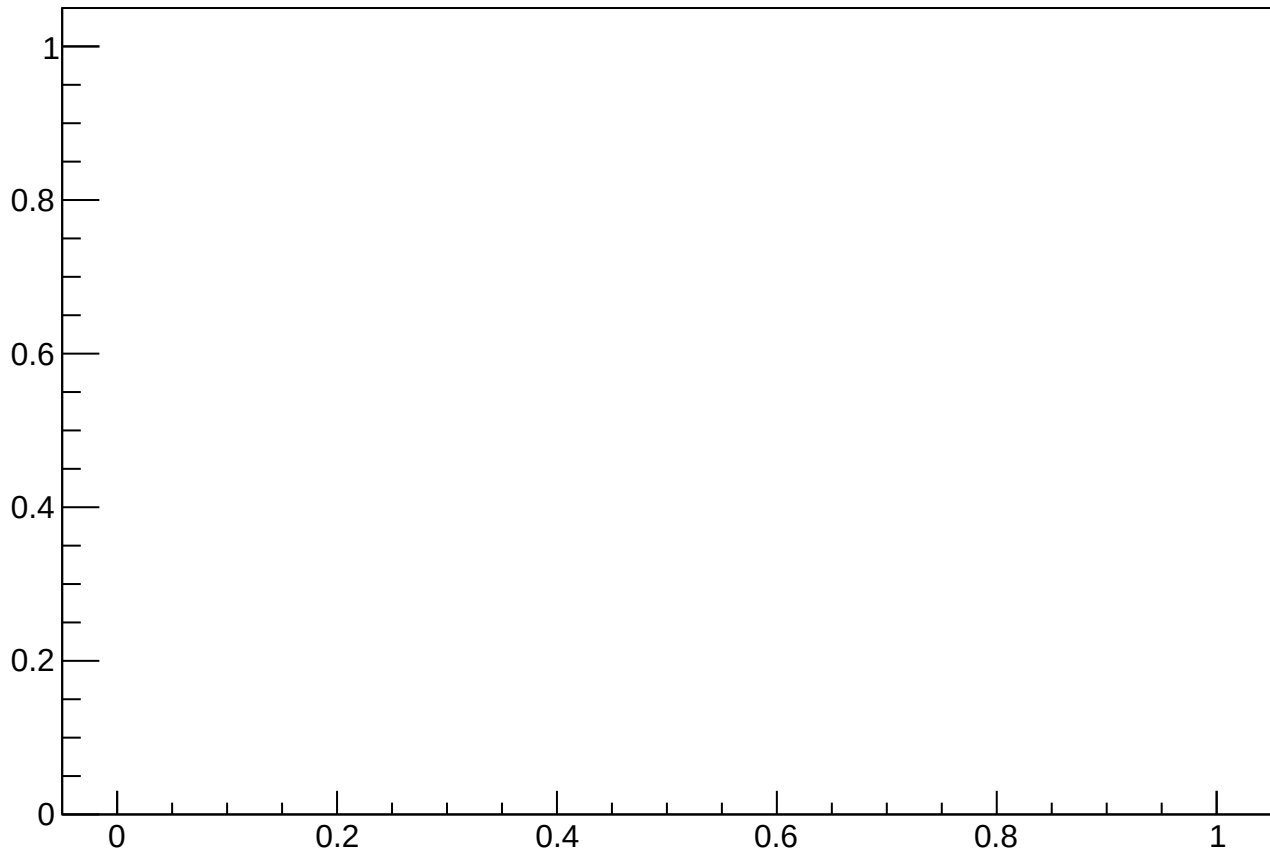
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

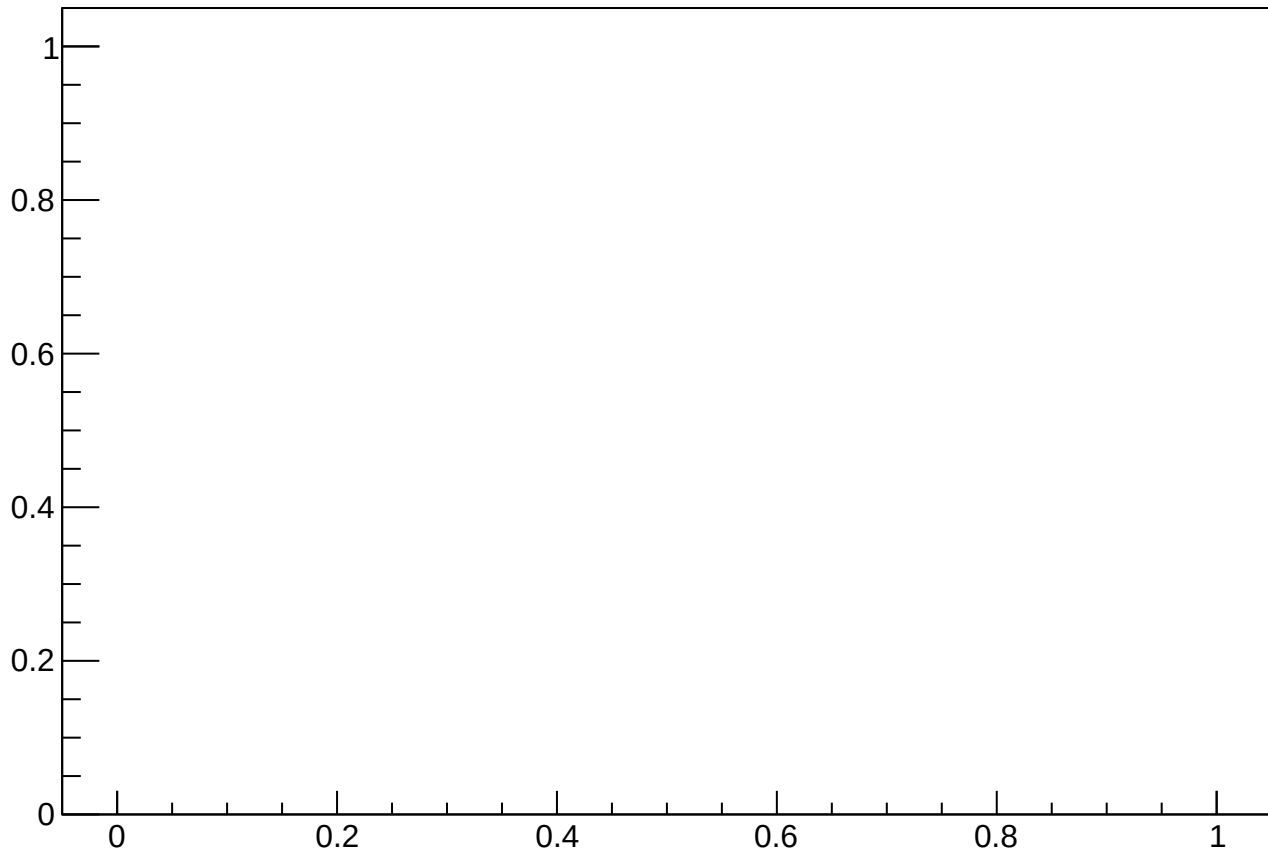
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_sam6_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam8_coil3_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil3_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

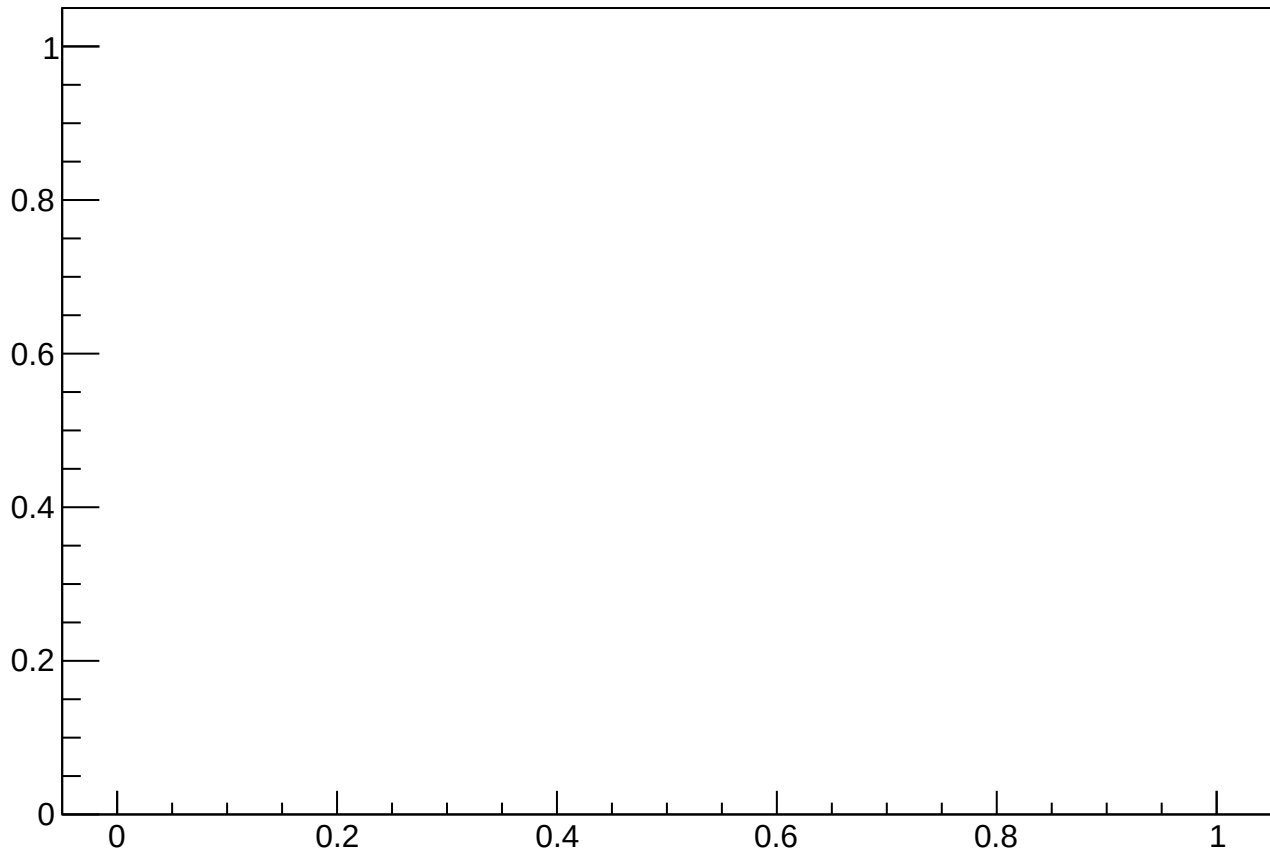
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aX_coil7_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eX_coil7_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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

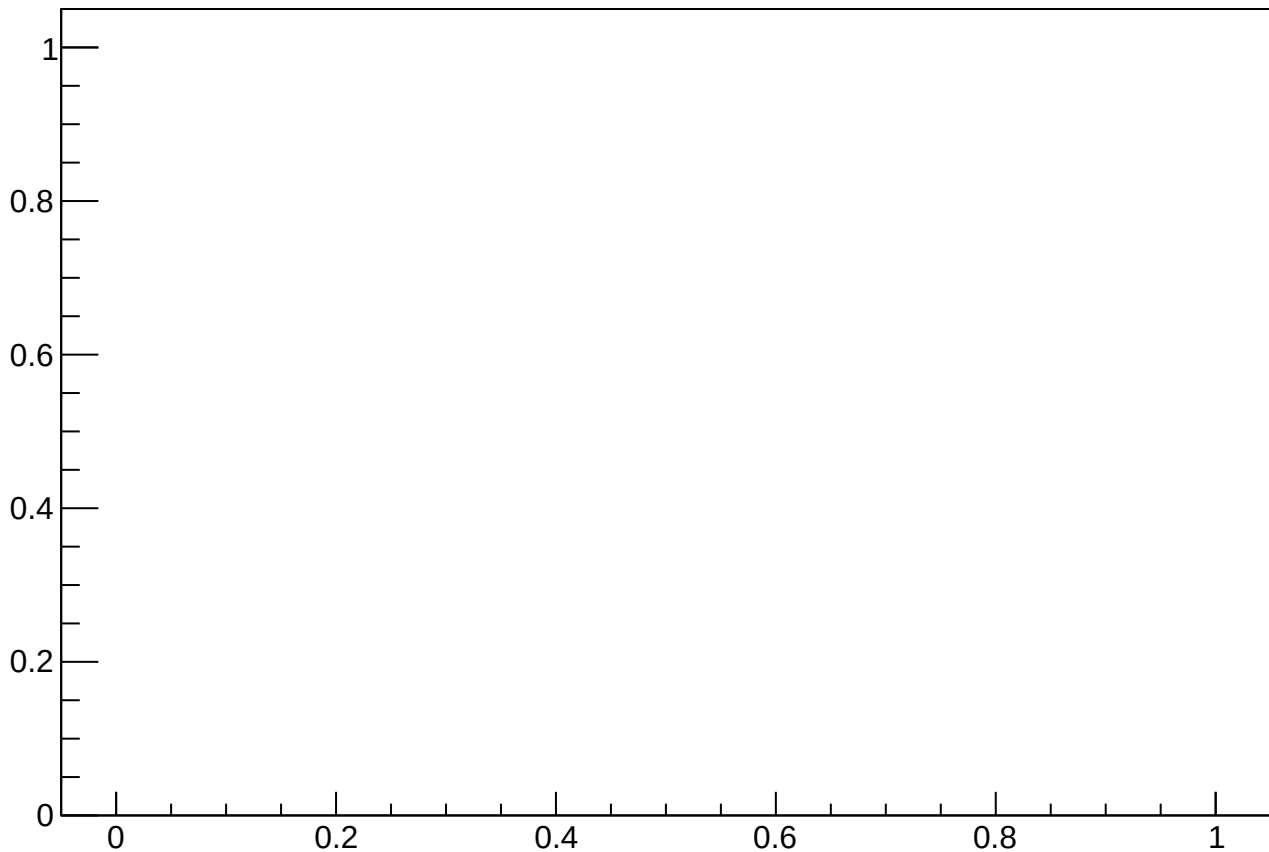
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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_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

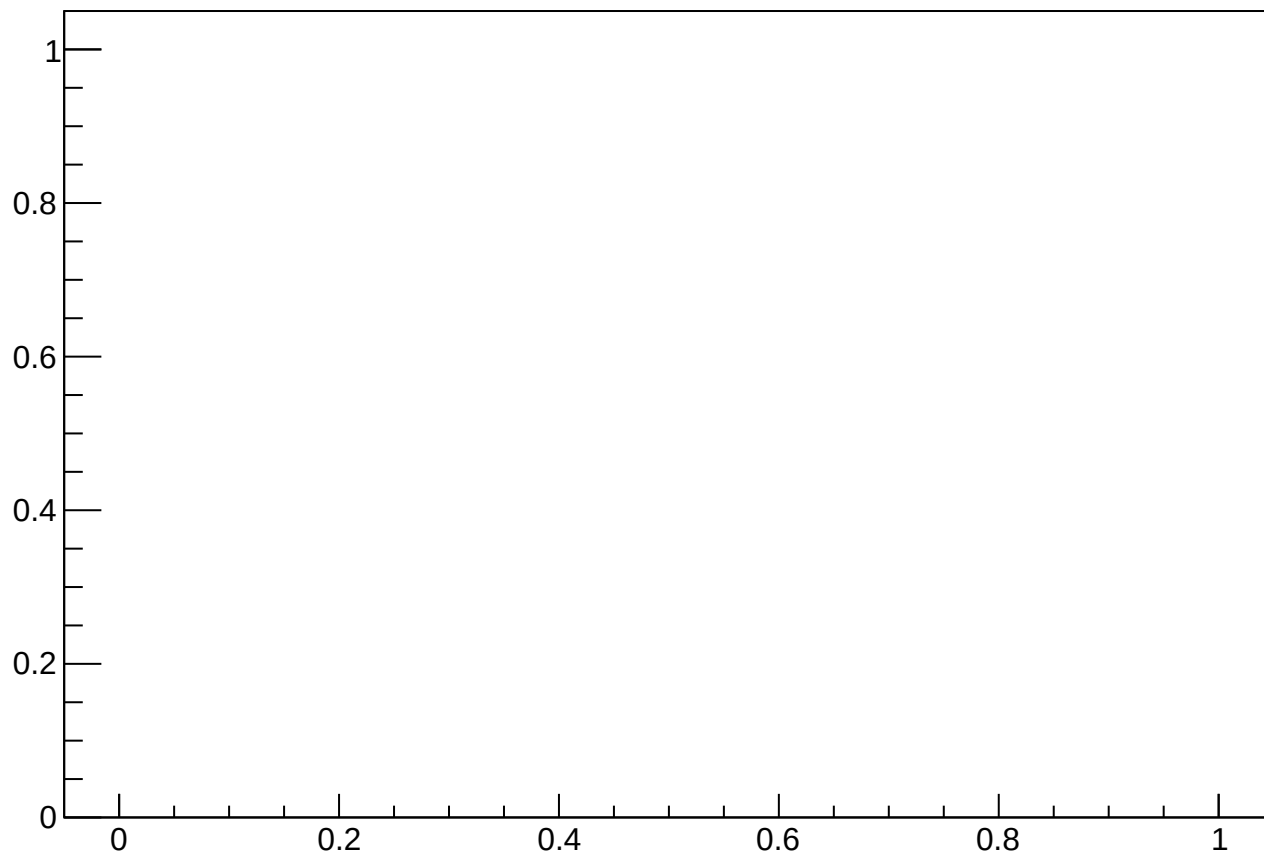
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

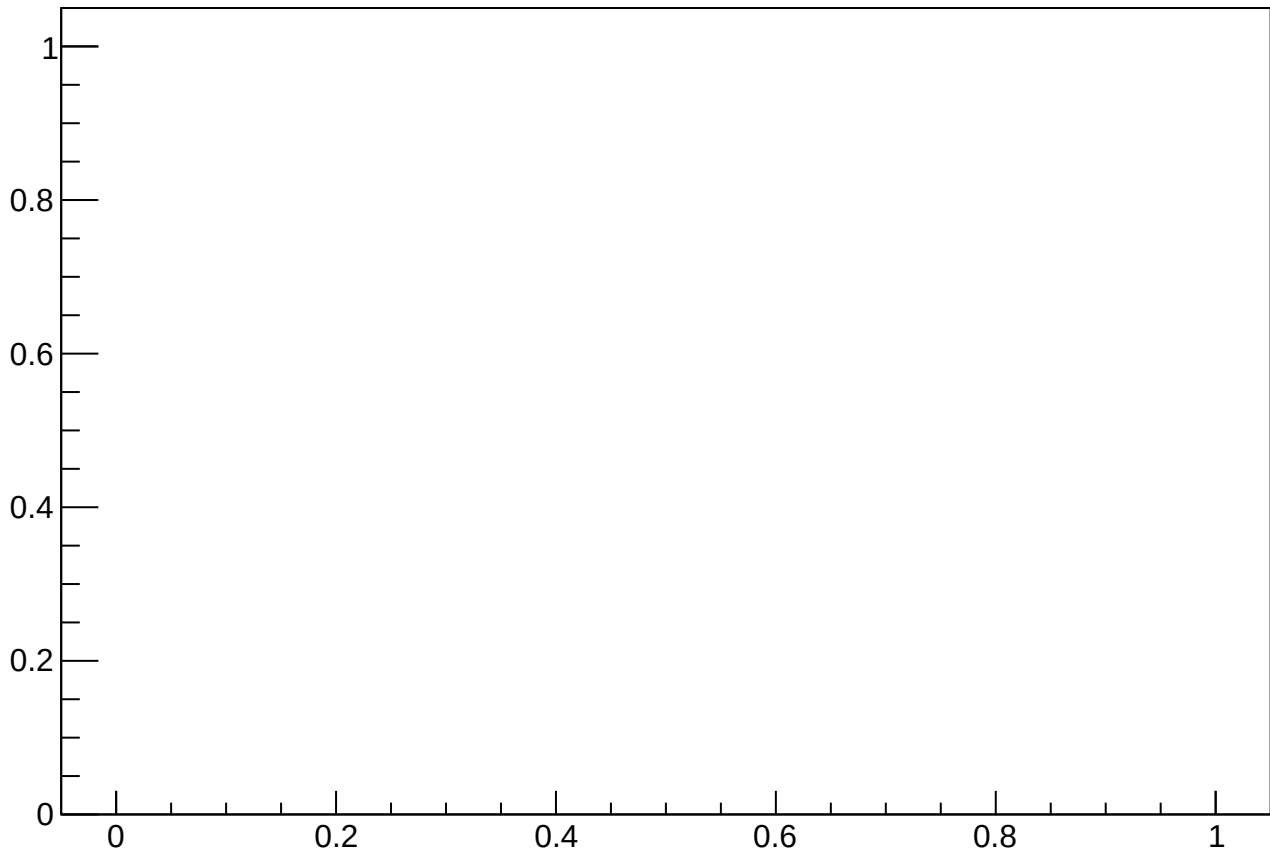
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

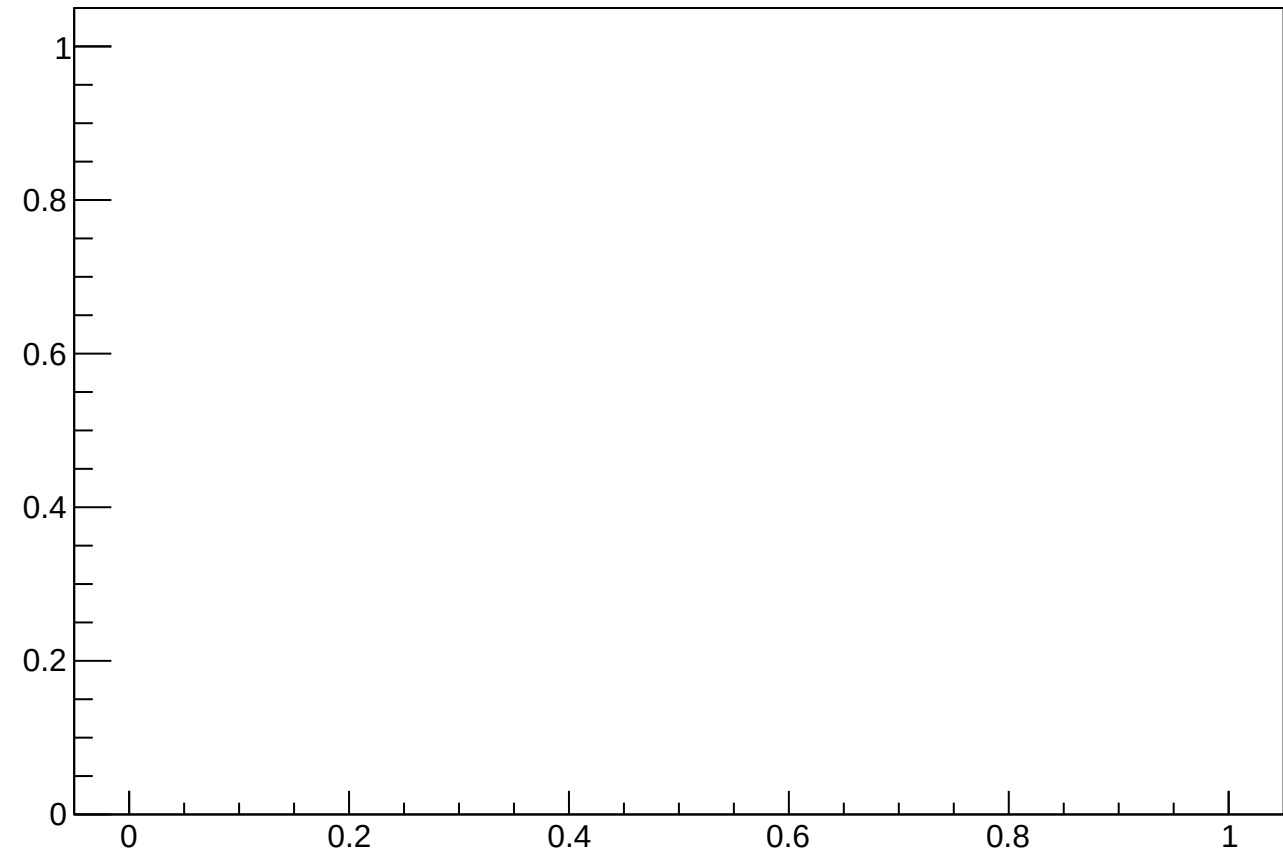
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

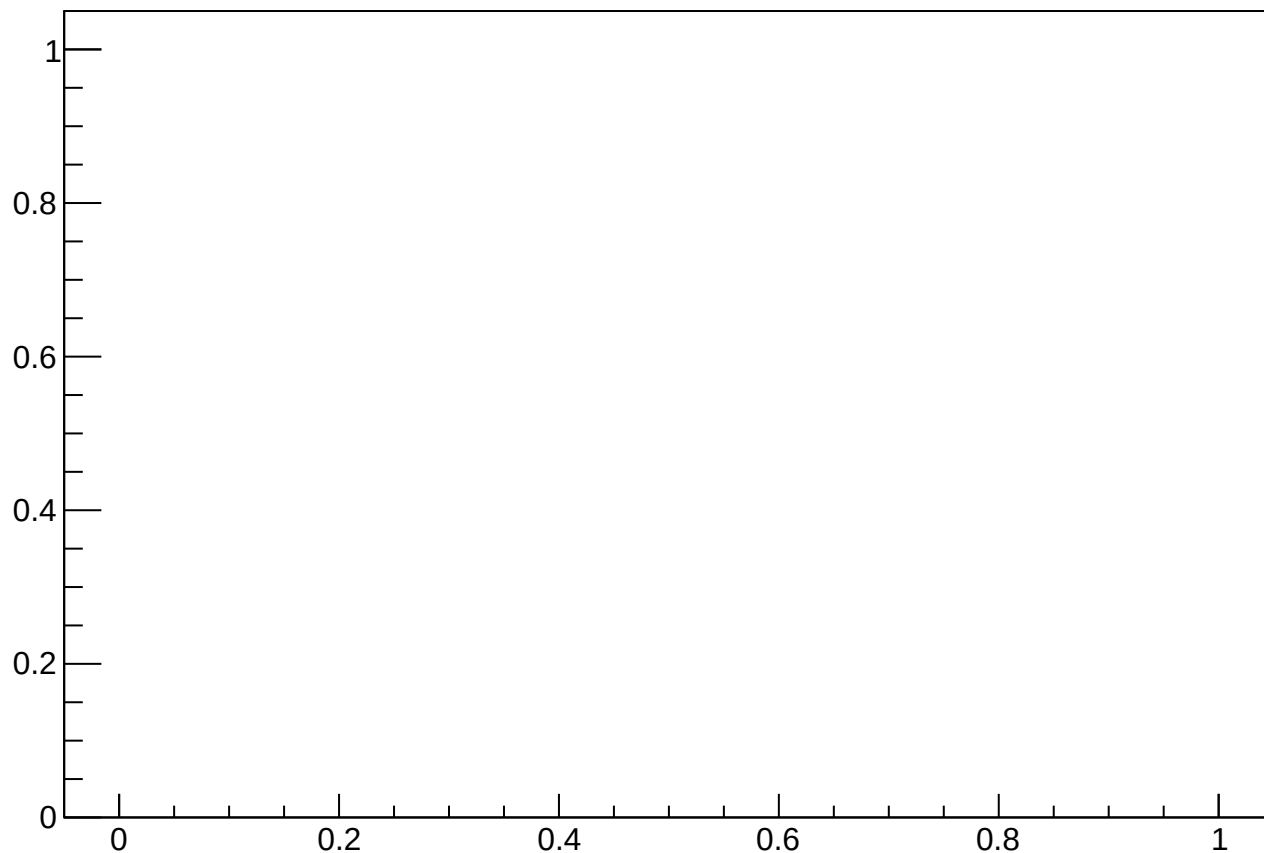
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

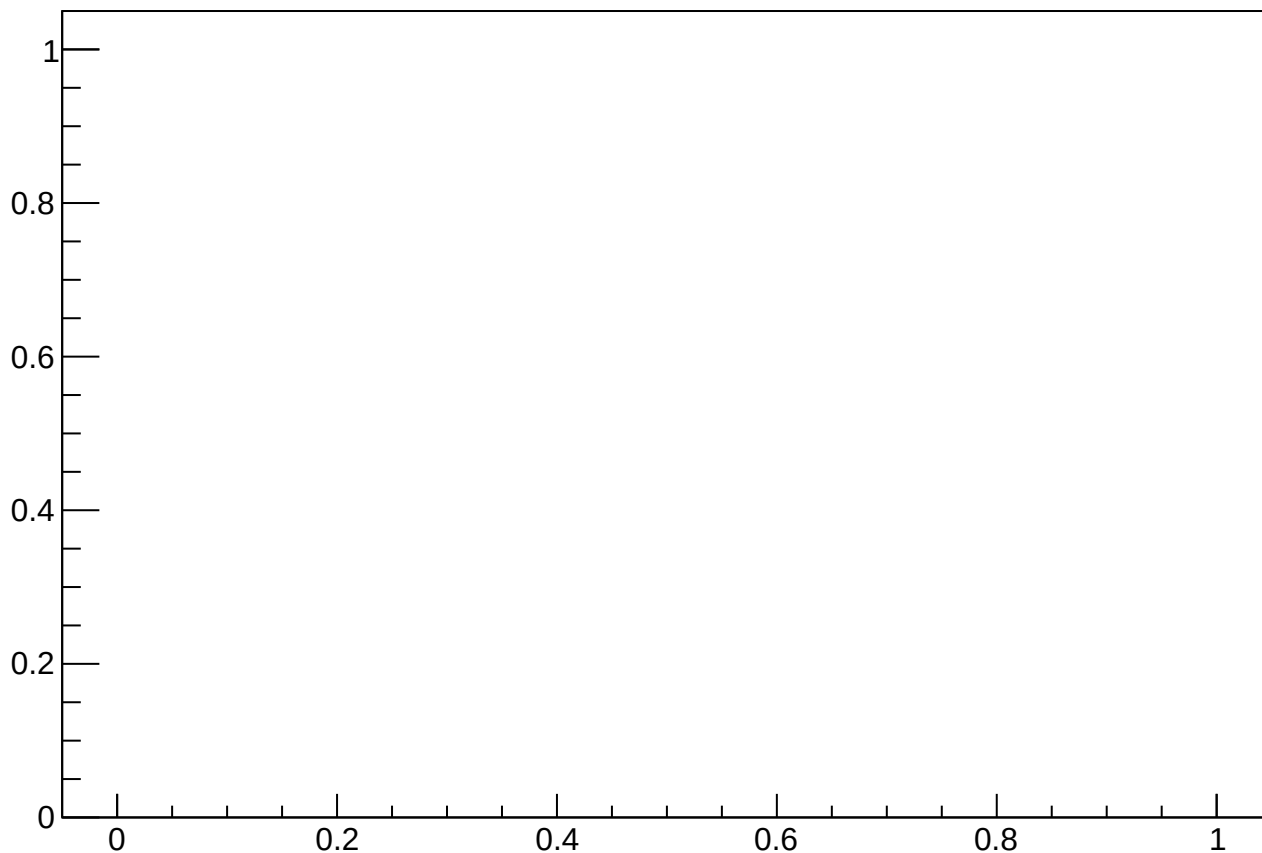
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

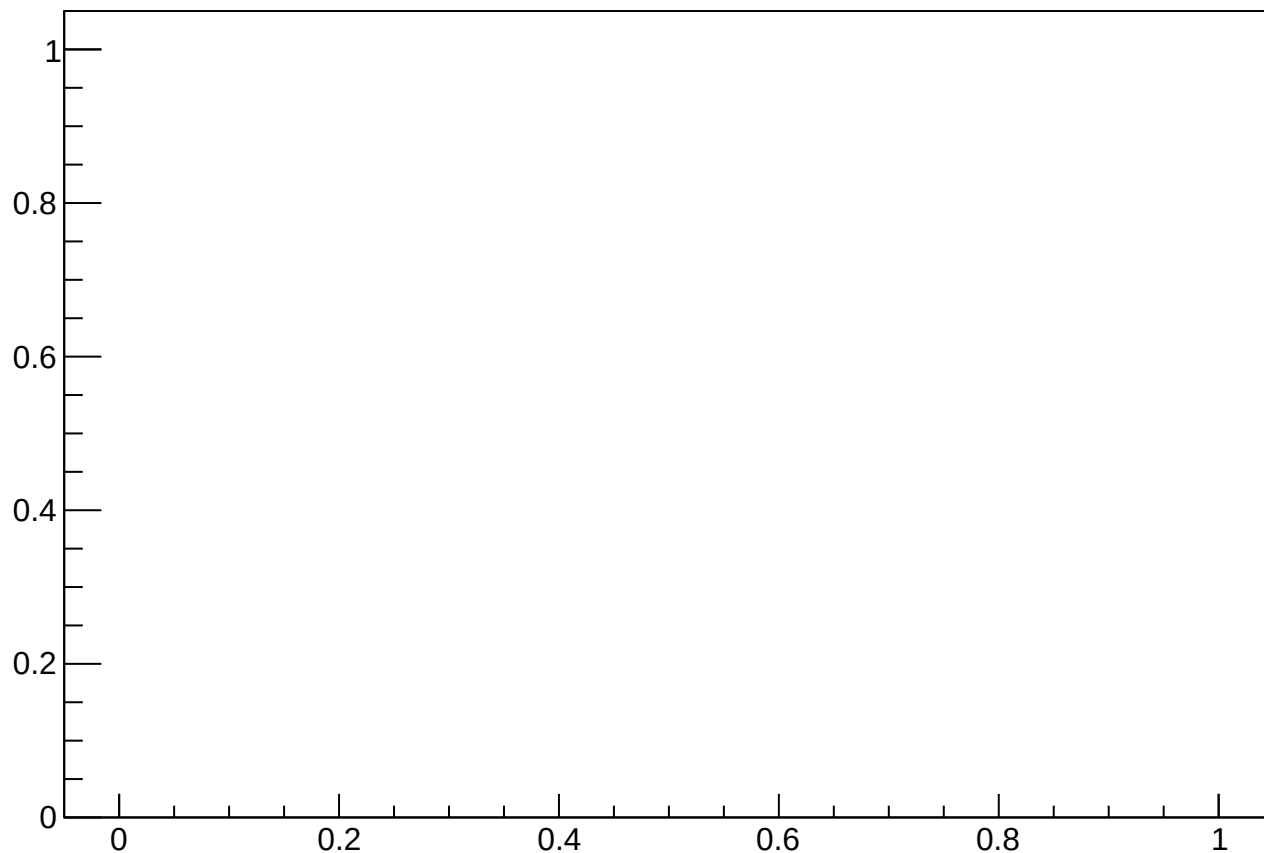
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

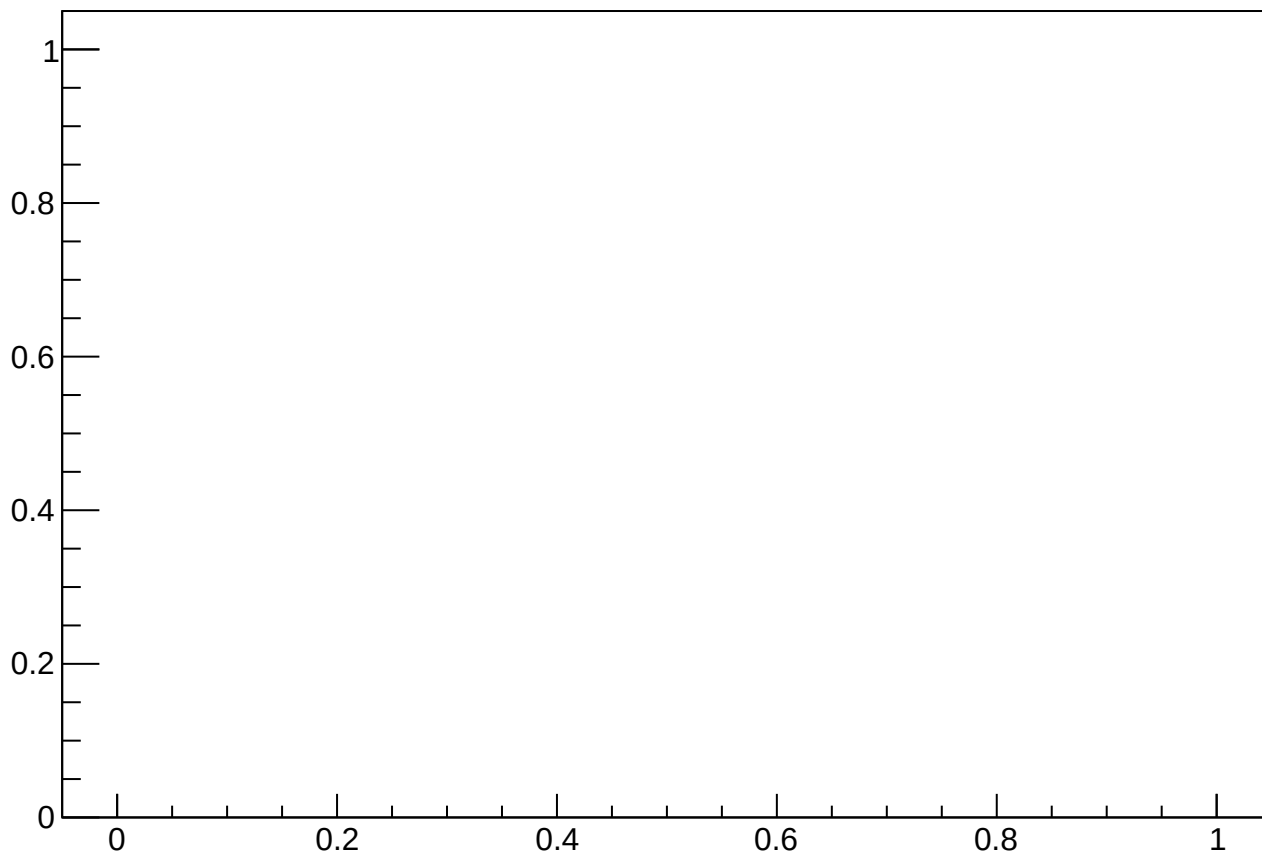
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

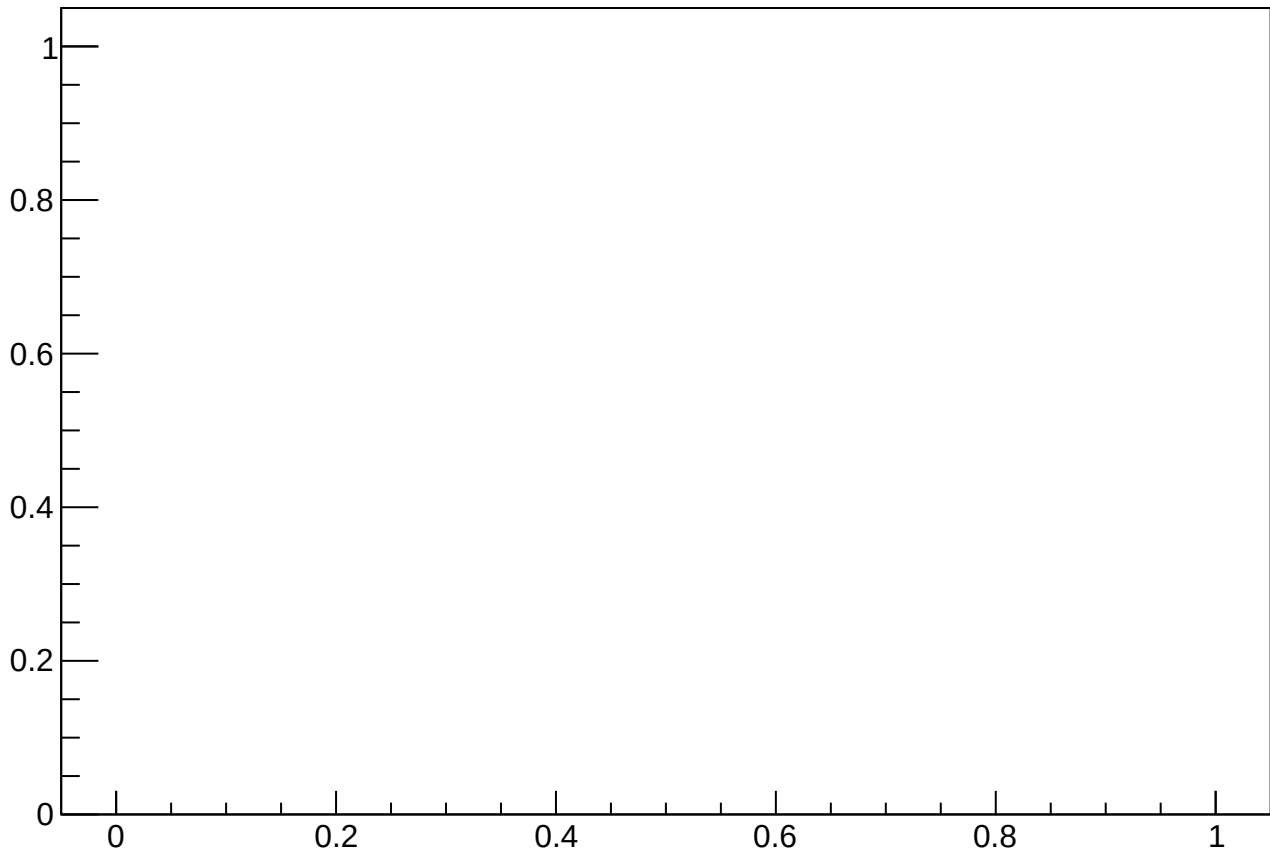
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 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_4aY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4aY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

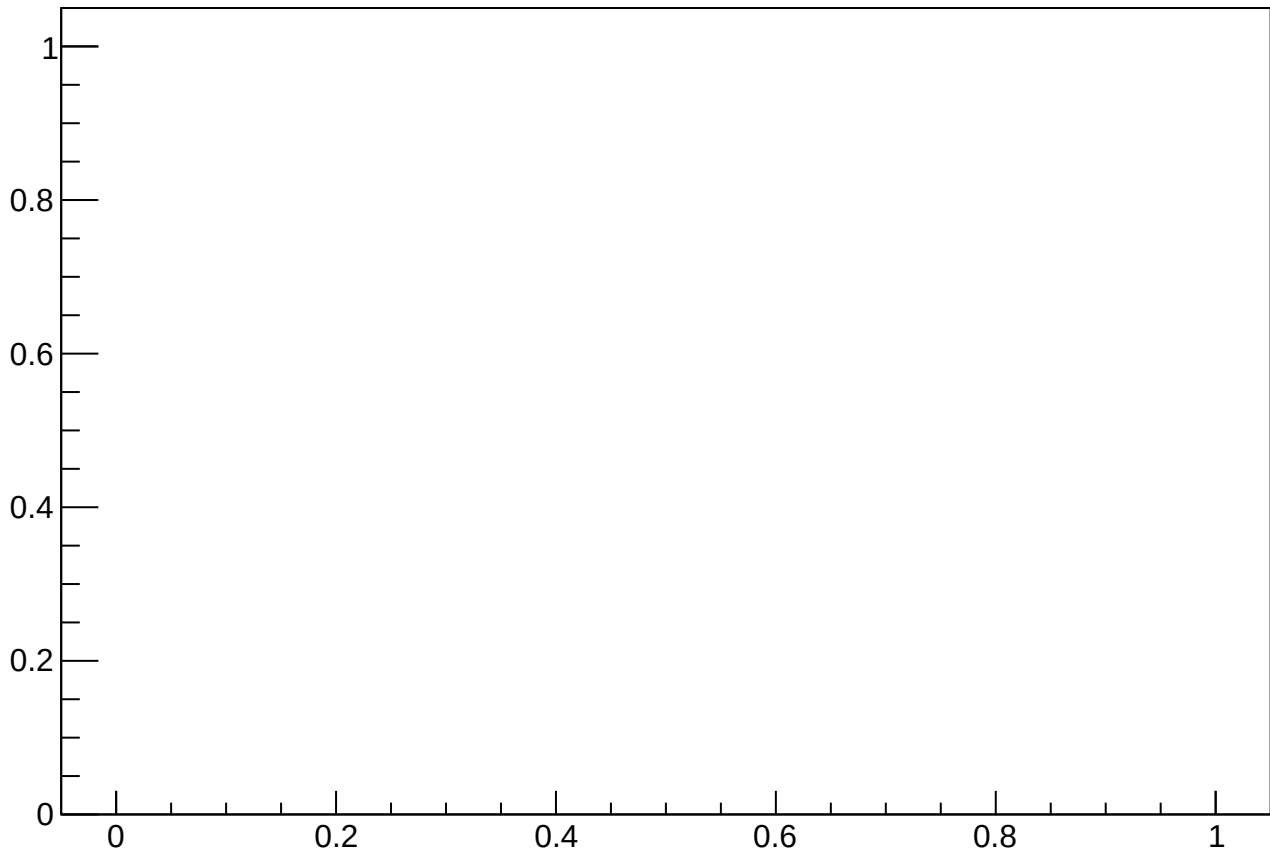
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

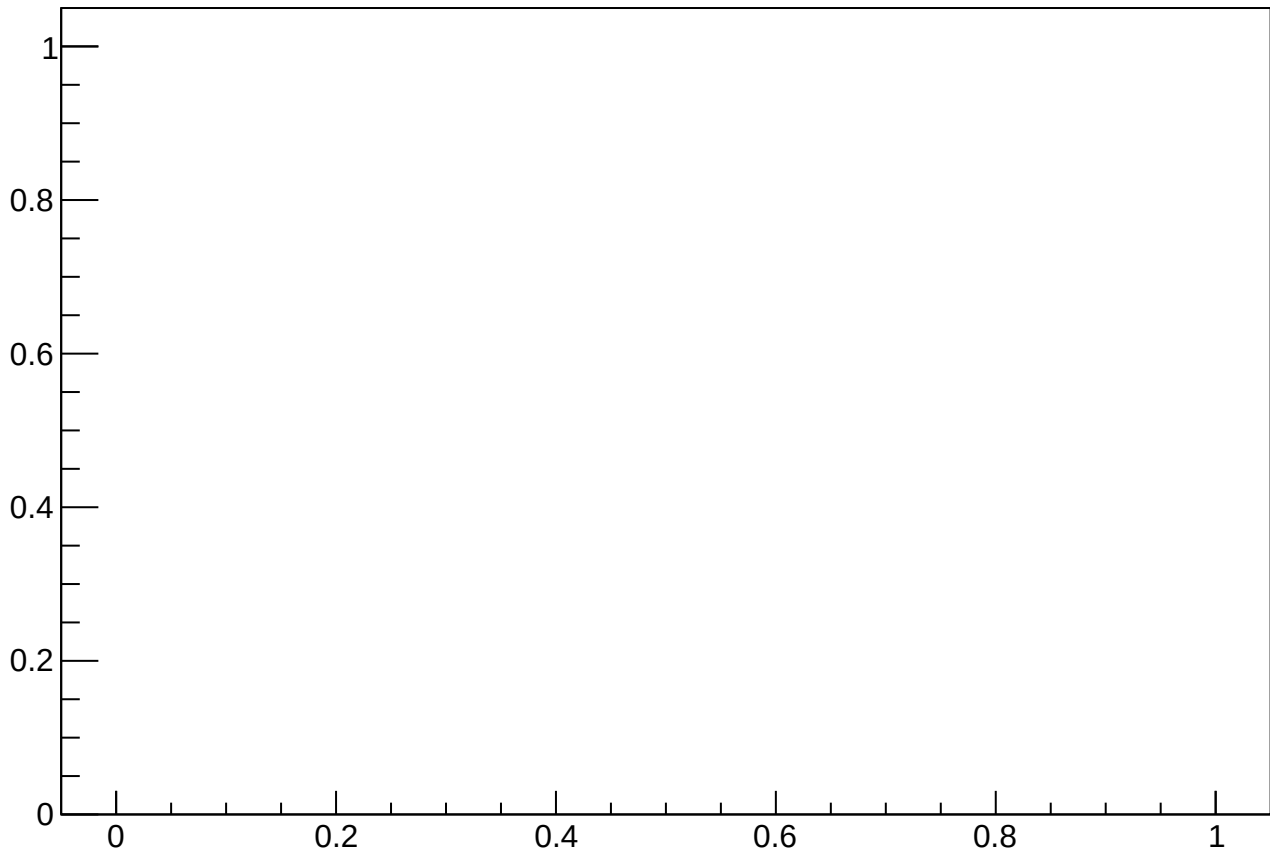
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

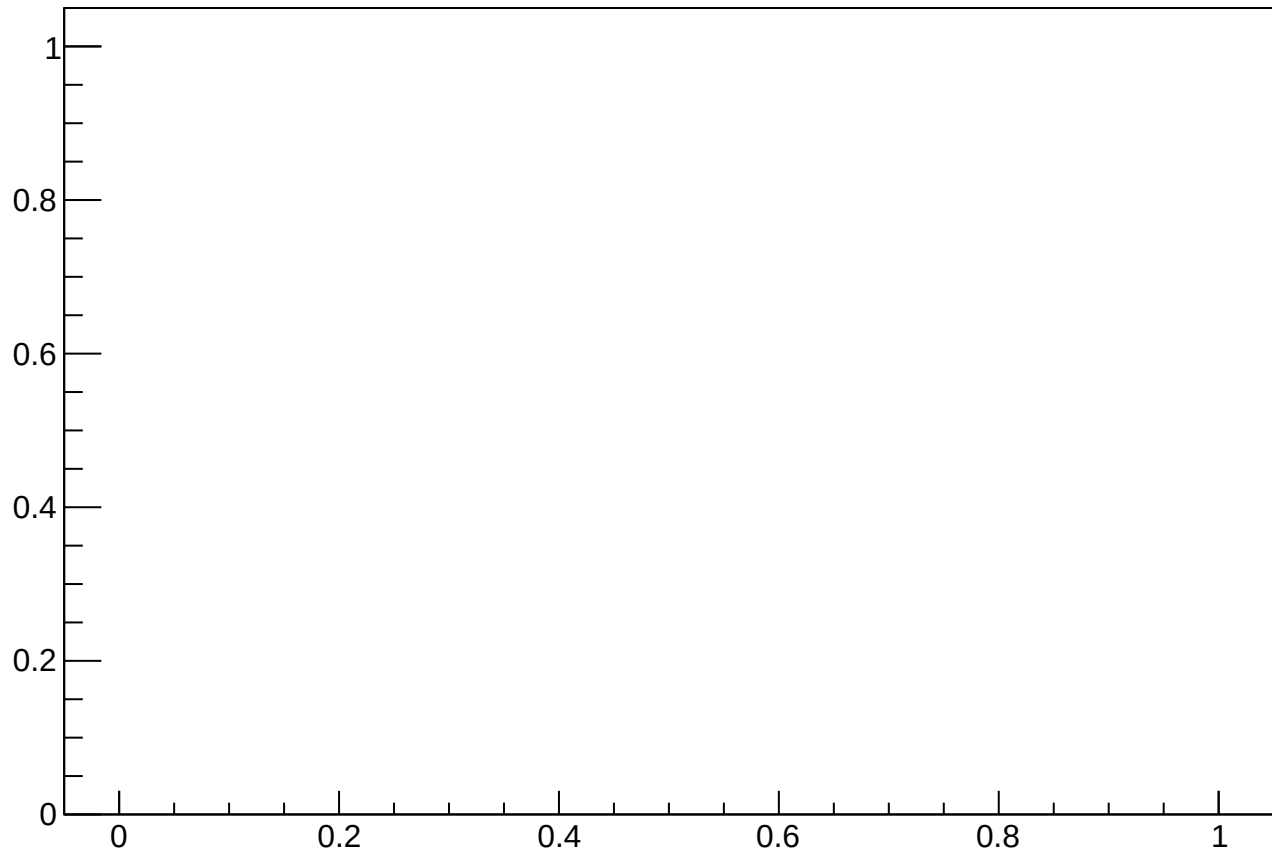
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

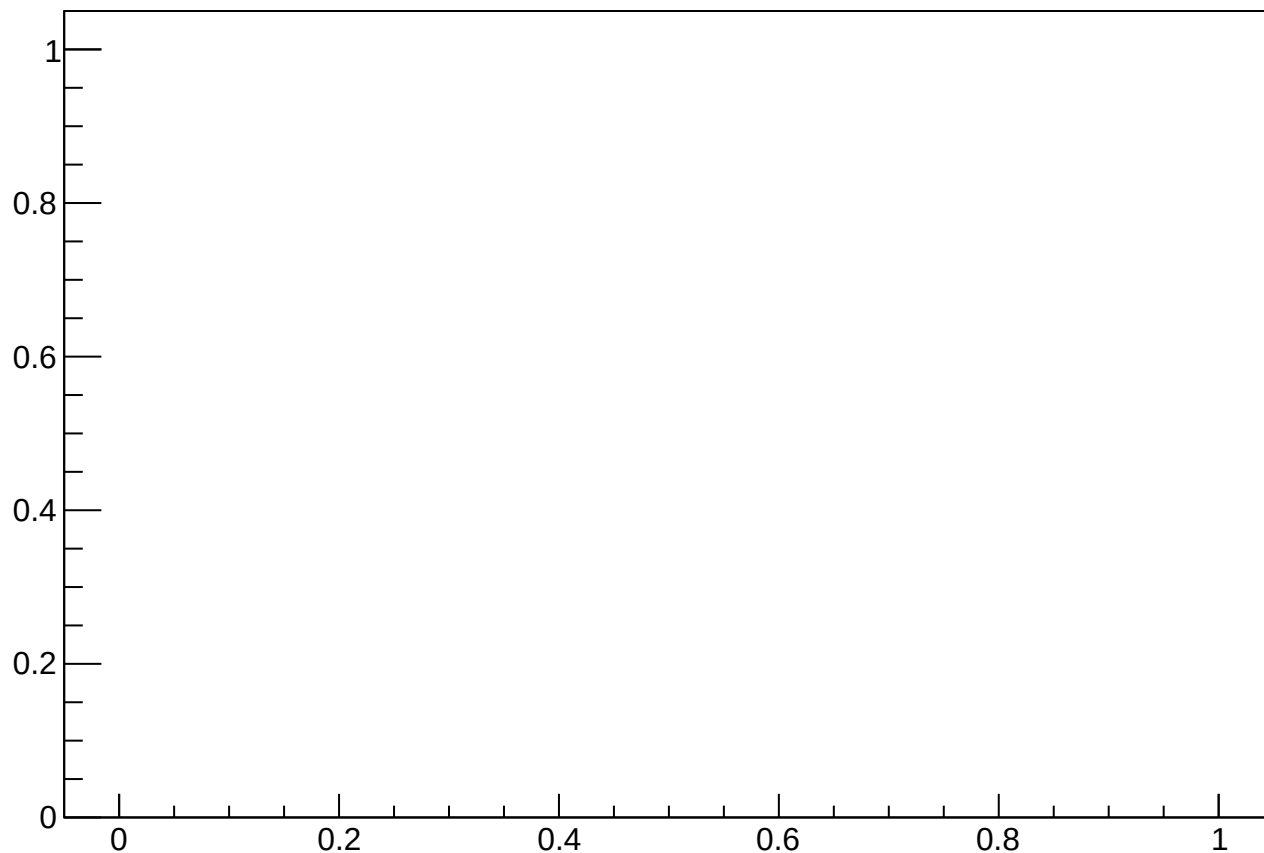
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil4_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil4_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 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 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam3_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

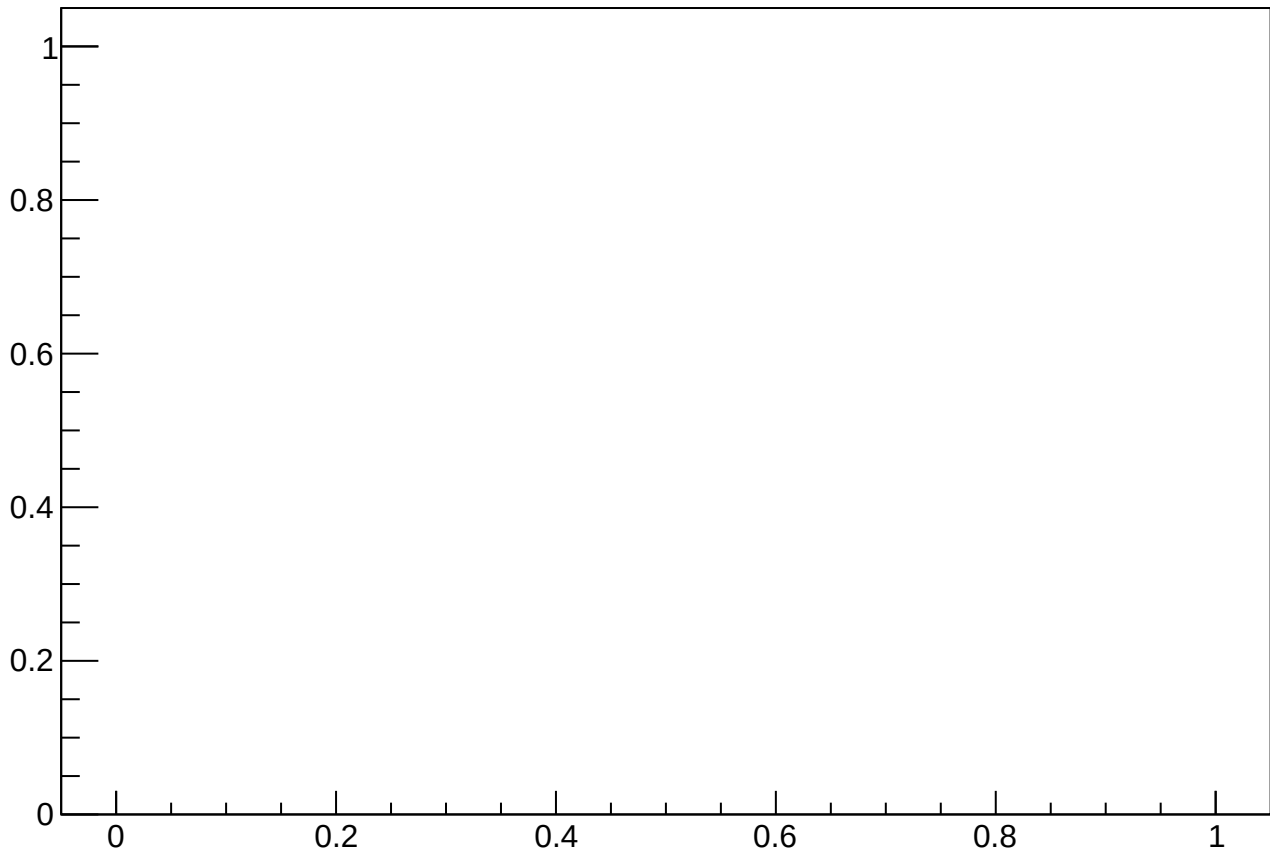
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

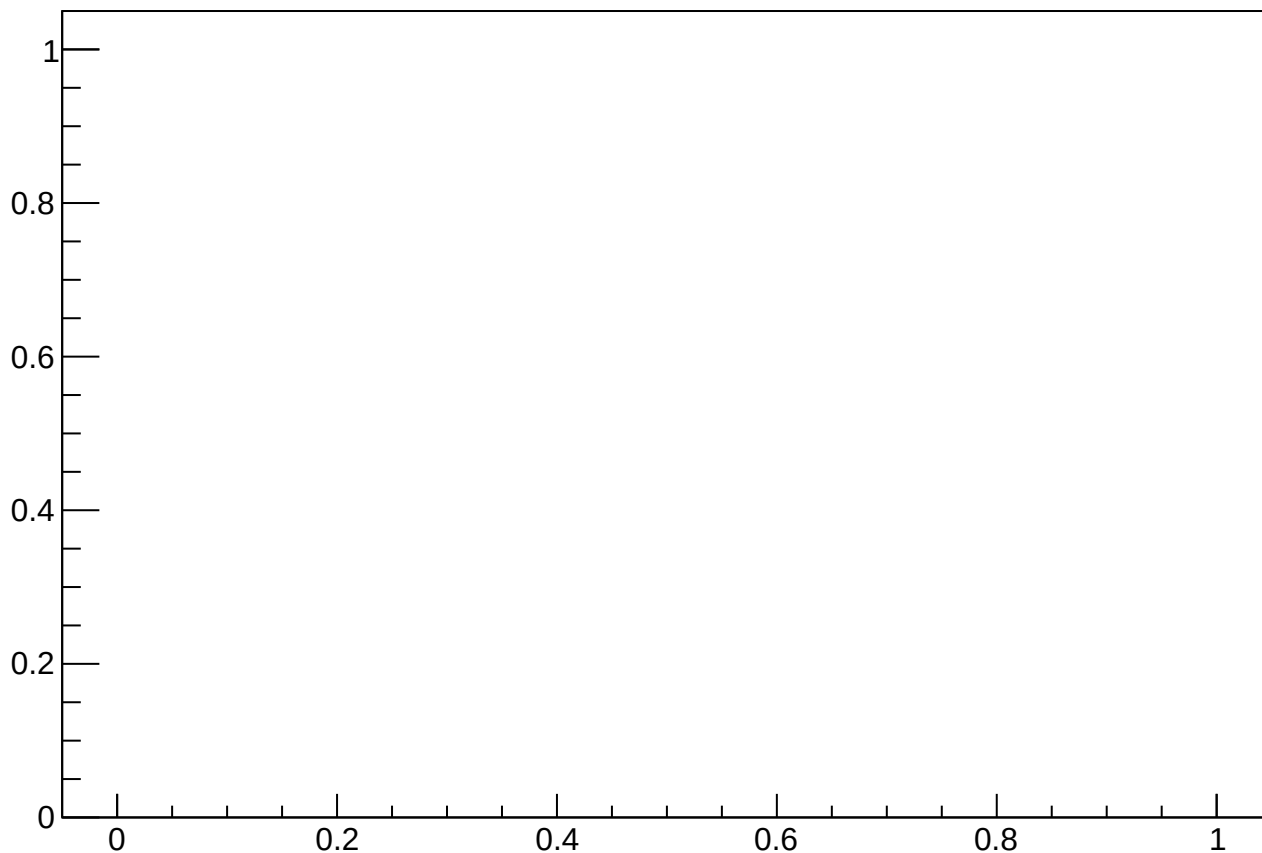
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

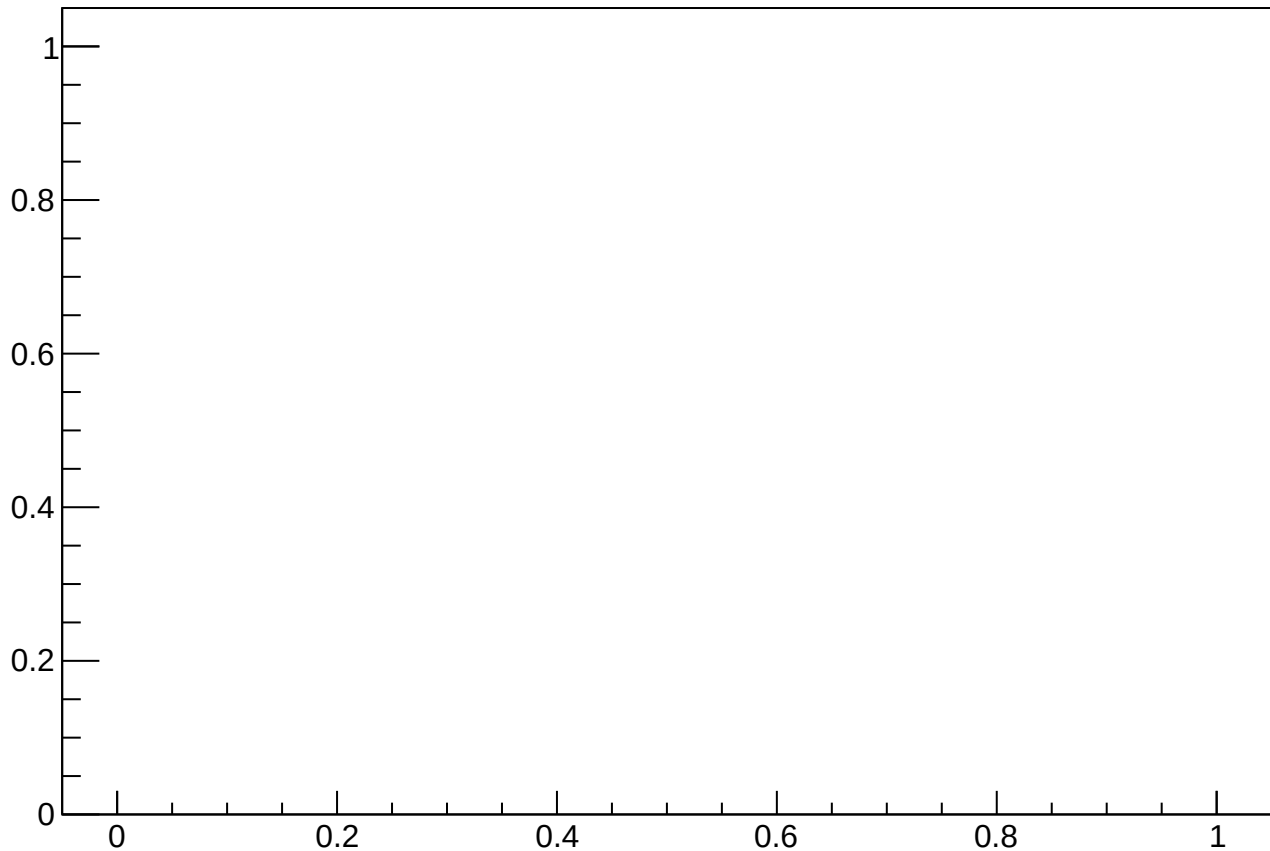
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

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 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_4eY_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_4eY_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

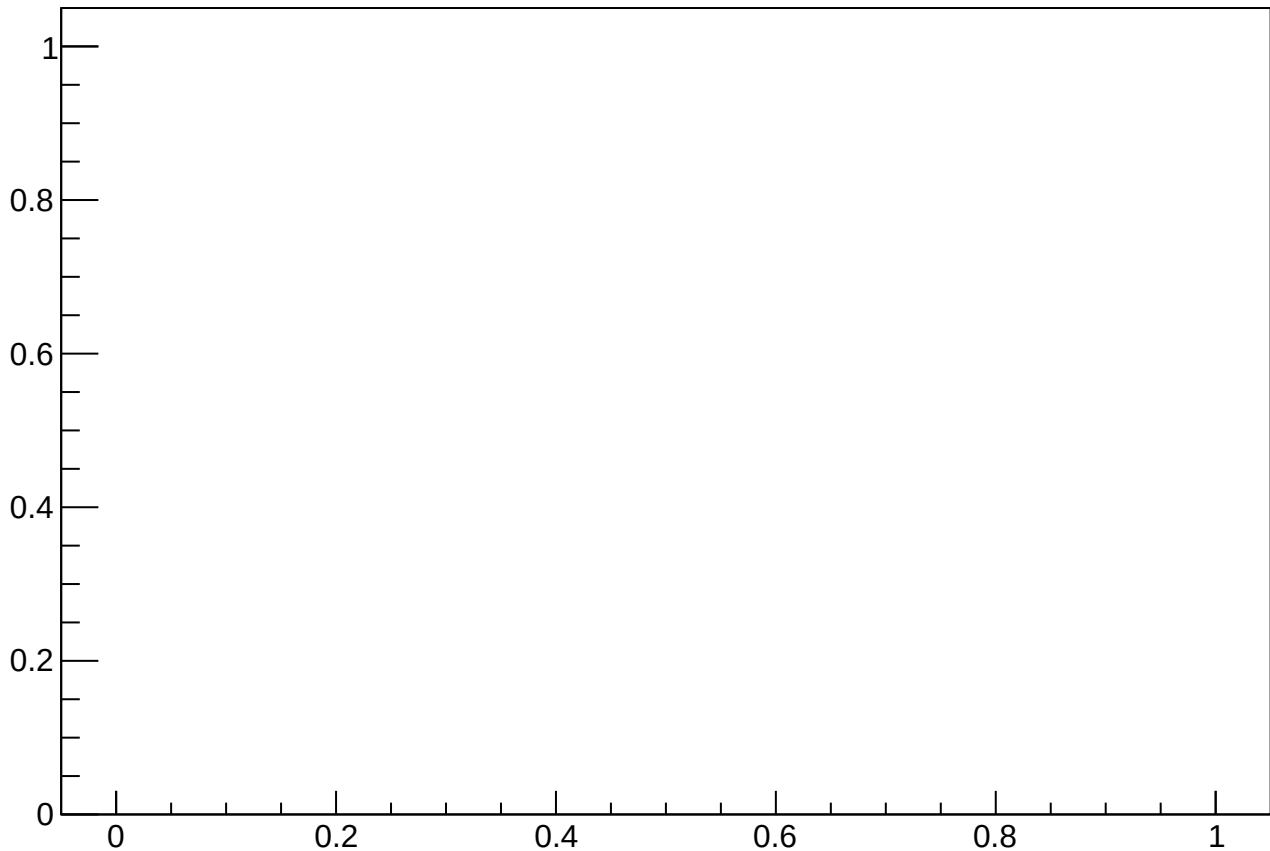
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

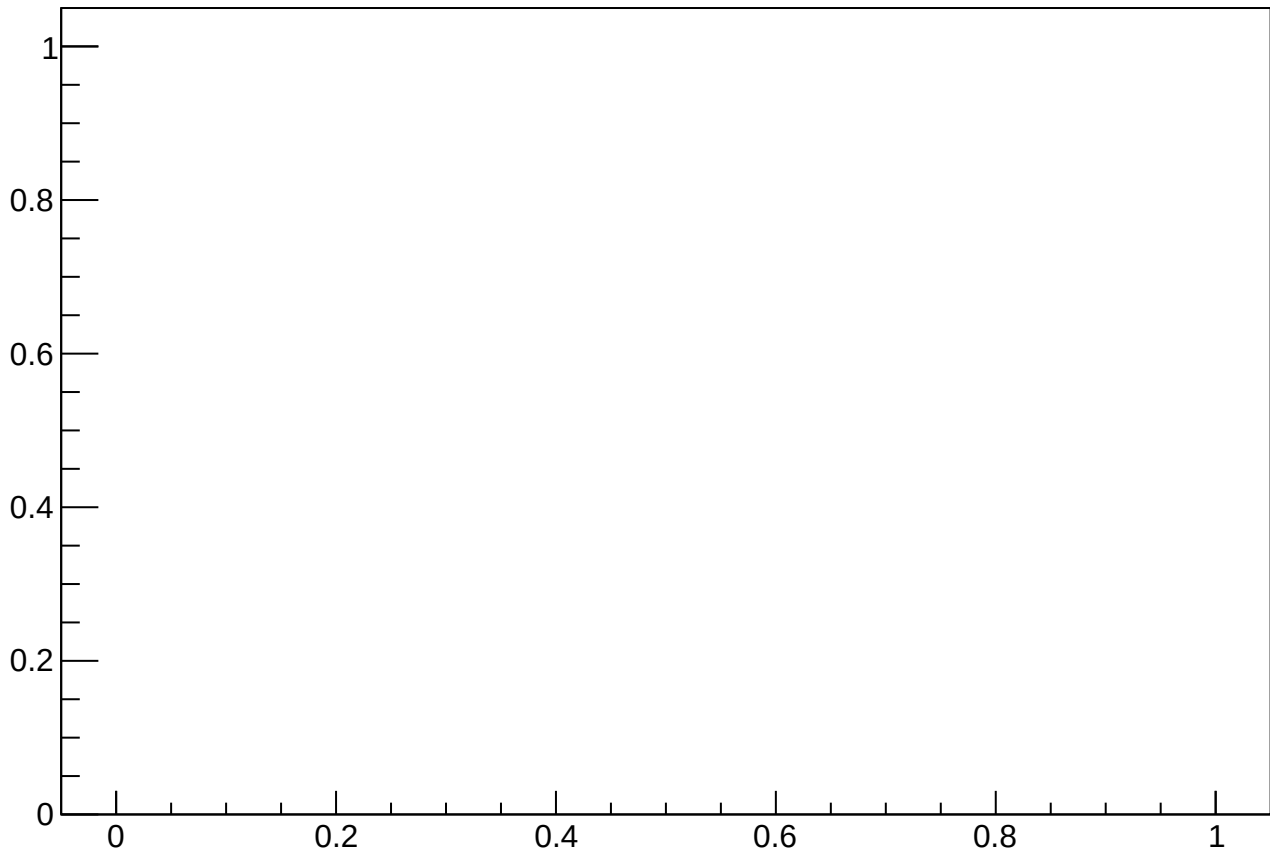
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usl_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

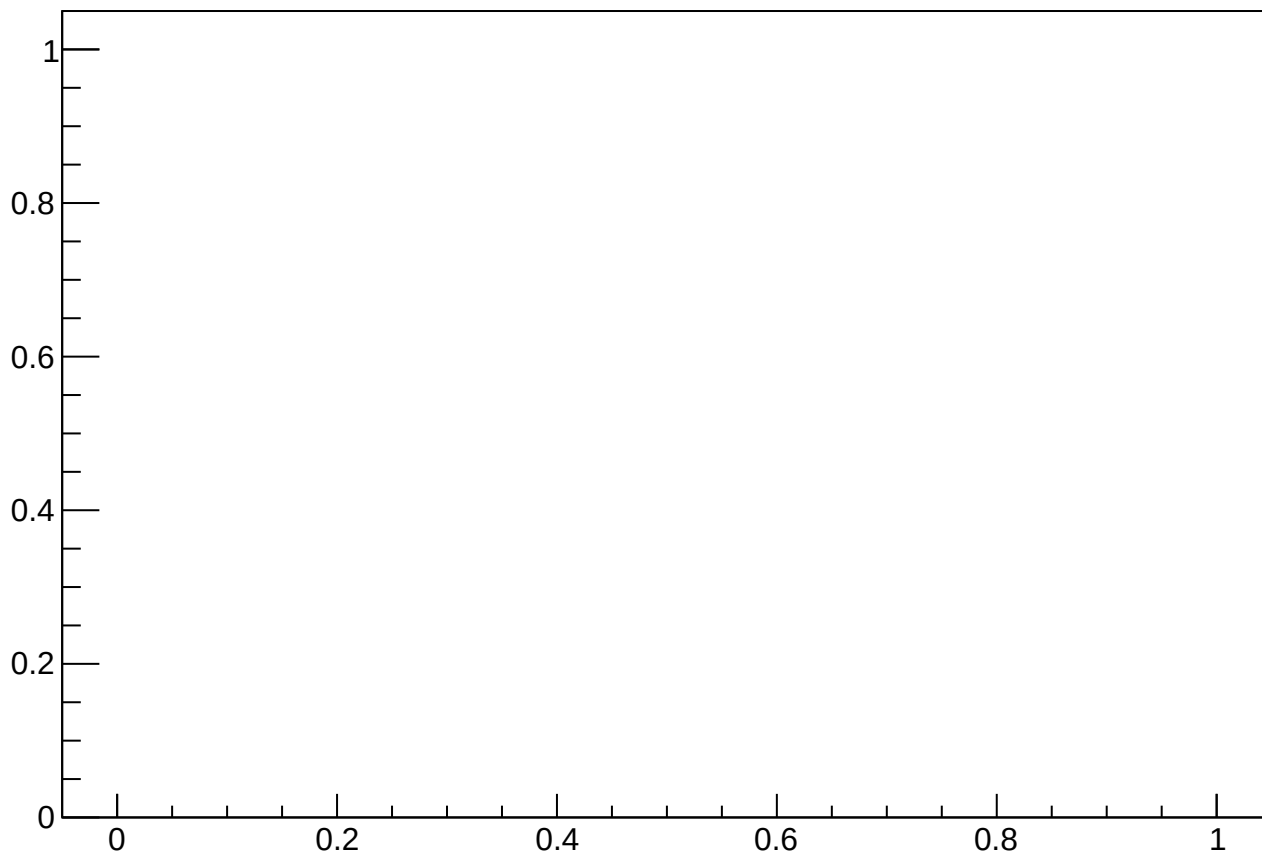
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_usr_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atl2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_atr2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam1_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam2_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam3_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_sam4_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam4_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam5_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam6_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam7_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_err_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_sam8_coil6_Ndata_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

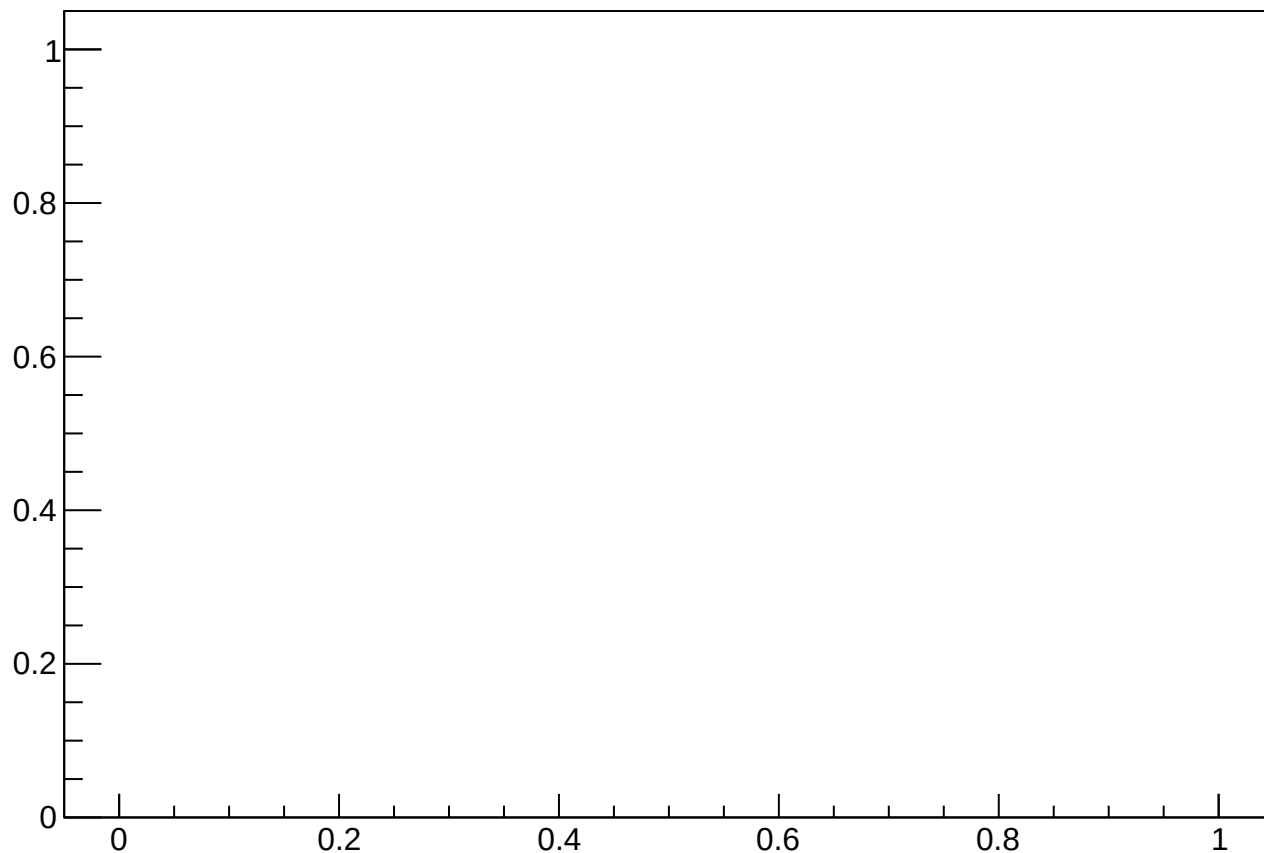
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_run_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

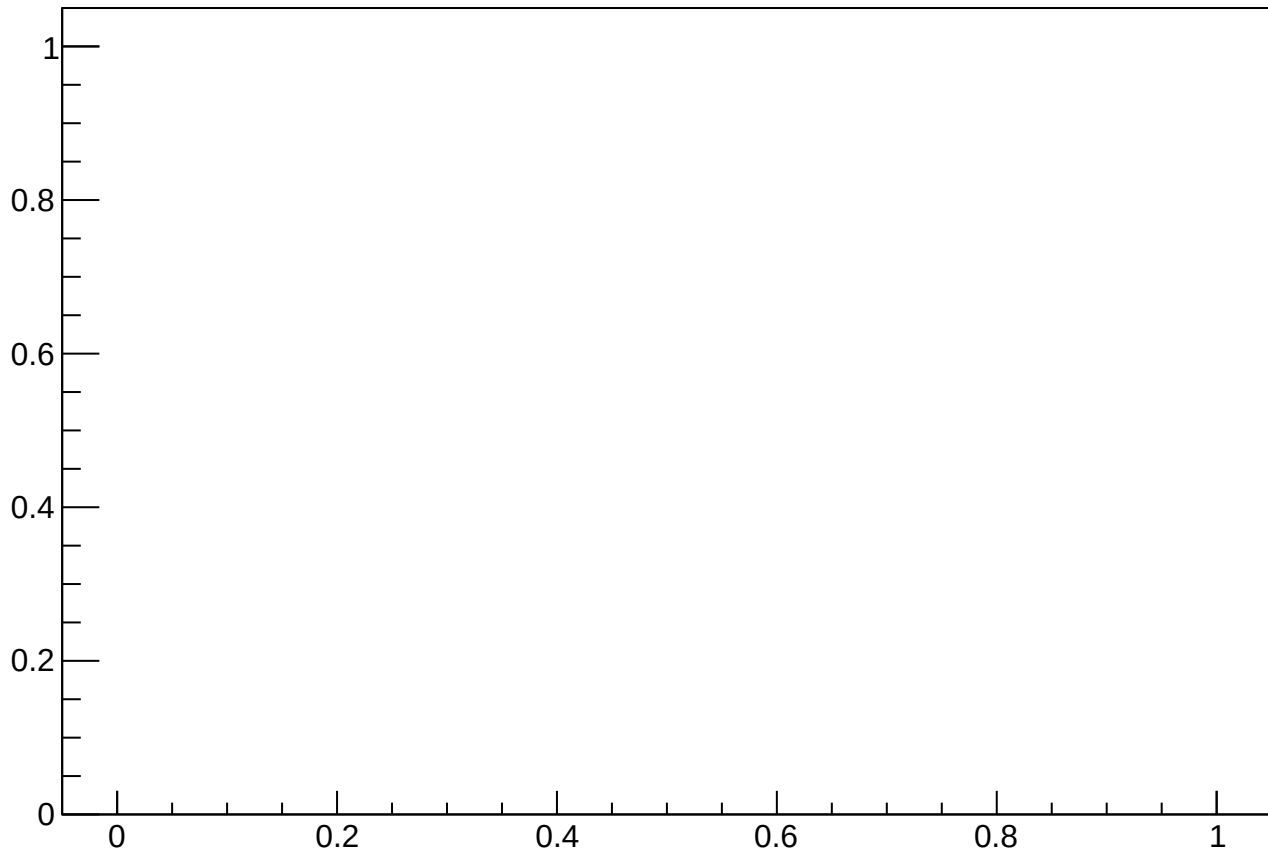
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_slug_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_cyclenum_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_cyclenum_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_scandata2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

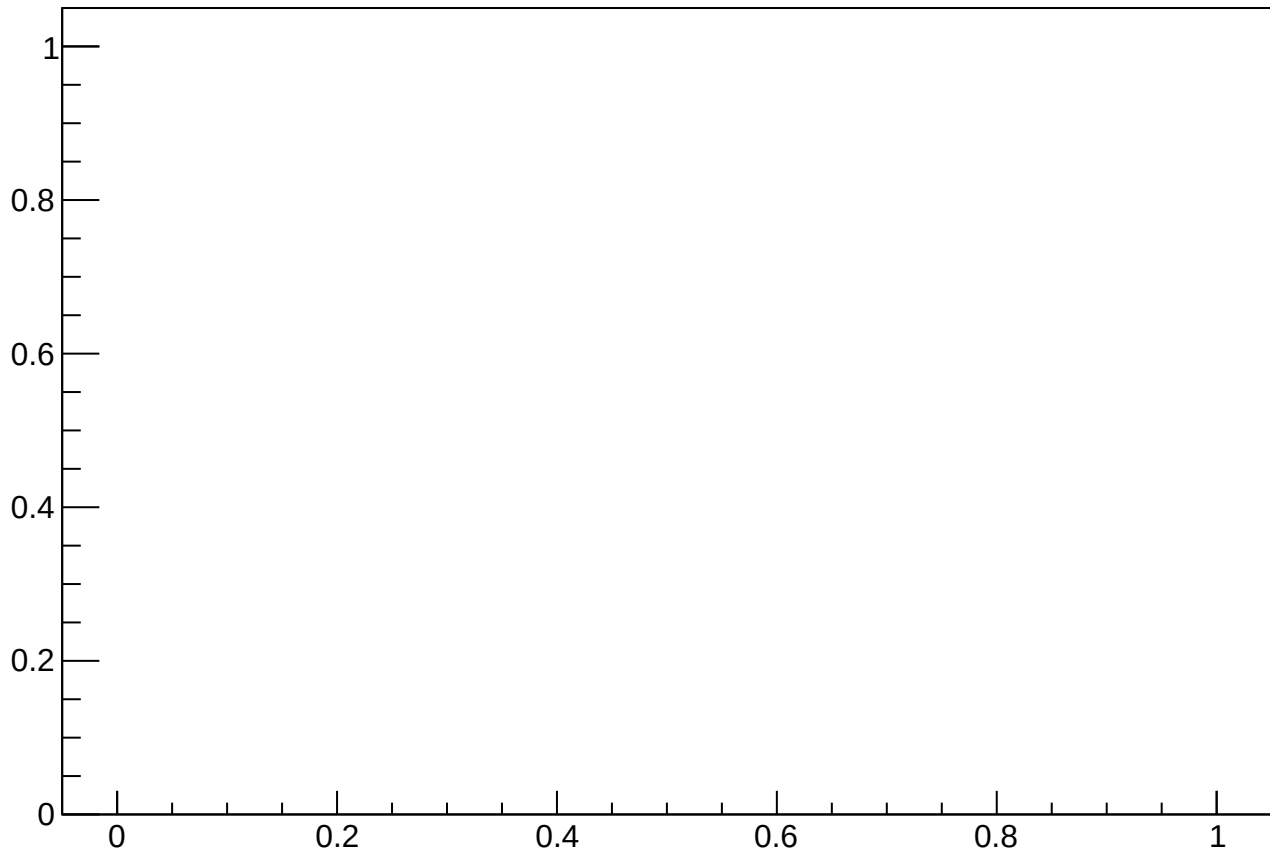
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_flag_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

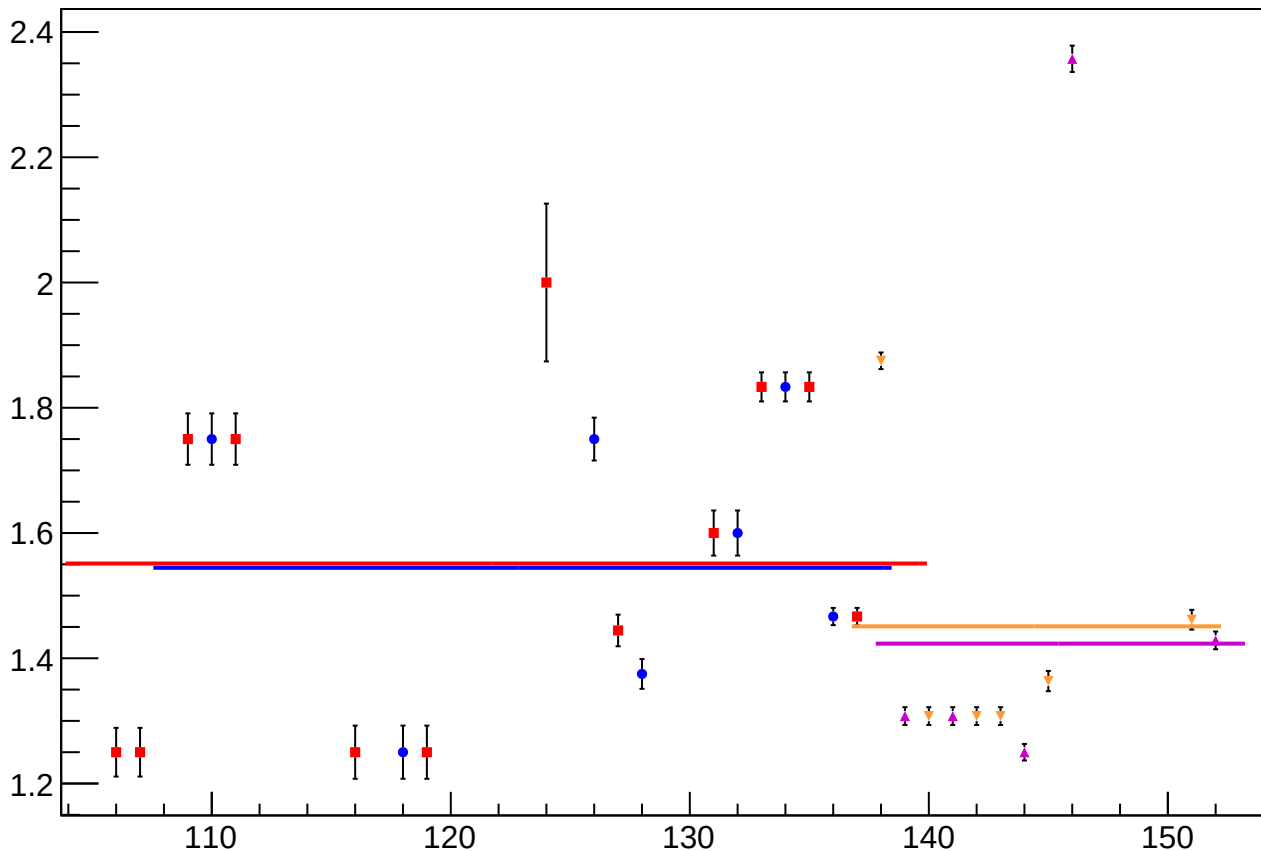
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_segment_slope vs Slug, Sign Corrected



Right In: 1.544 $\pm$ 0.009 χ^2 /NDF: 349.7/6

Left Out: 1.451 $\pm$ 0.006 χ^2 /NDF:1360.0/5

Right Out: 1.551 $\pm$ 0.008 χ^2 /NDF: 633.6/11

Left In: 1.423 $\pm$ 0.007 χ^2 /NDF:2269.8/4

Left: 1.439 $\pm$ 0.004 χ^2 /NDF: 3639.5/10

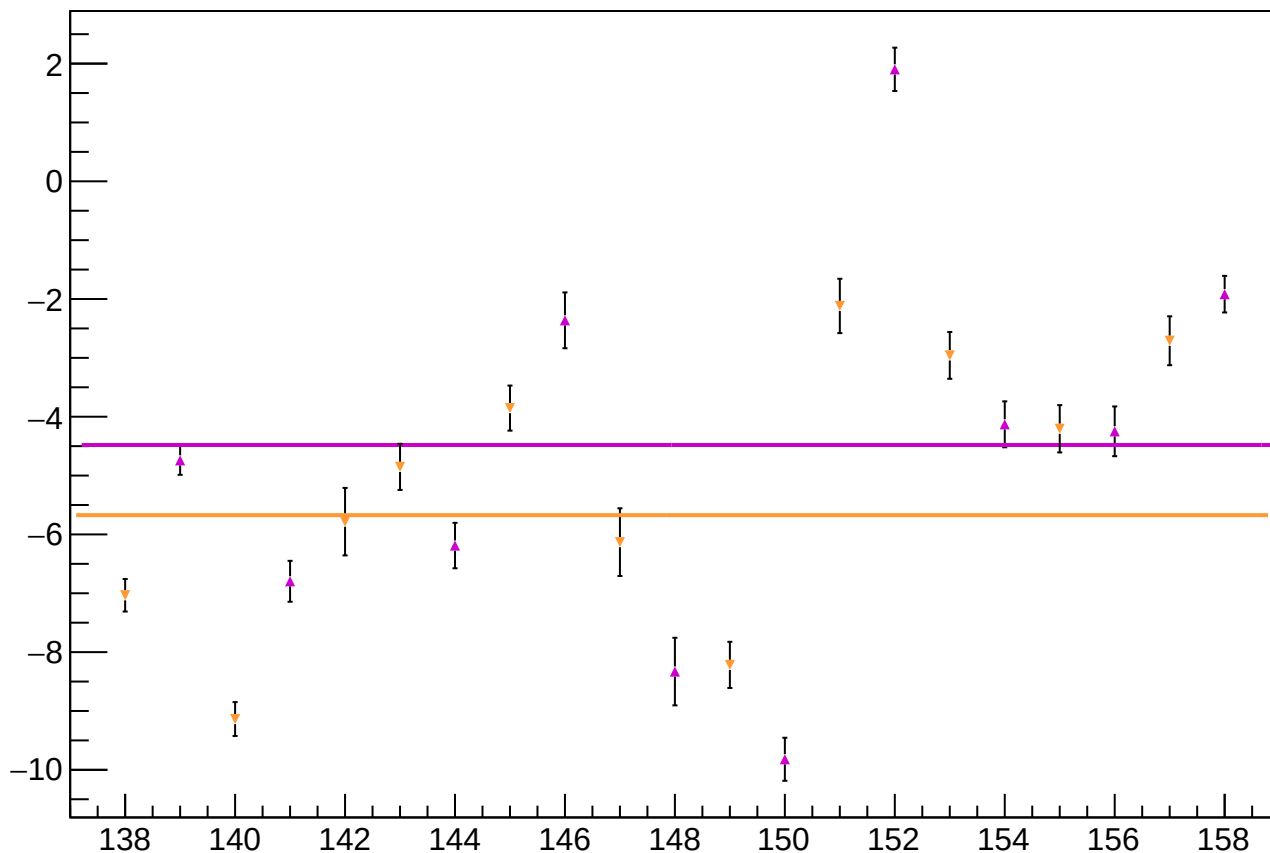
Right: 1.548 $\pm$ 0.006 χ^2 /NDF: 983.5/18

In: 1.464 $\pm$ 0.005 χ^2 /NDF:2732.9/11

Out: 1.486 $\pm$ 0.005 χ^2 /NDF:2092.6/17

All: 1.476 $\pm$ 0.004 χ^2 /NDF: 4834.2/29

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -5.672 $\pm$ 0.116 χ^2 /NDF:408.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -4.481 $\pm$ 0.114 χ^2 /NDF:712.5/9

Left: -5.067 $\pm$ 0.082 χ^2 /NDF: 1174.4/20

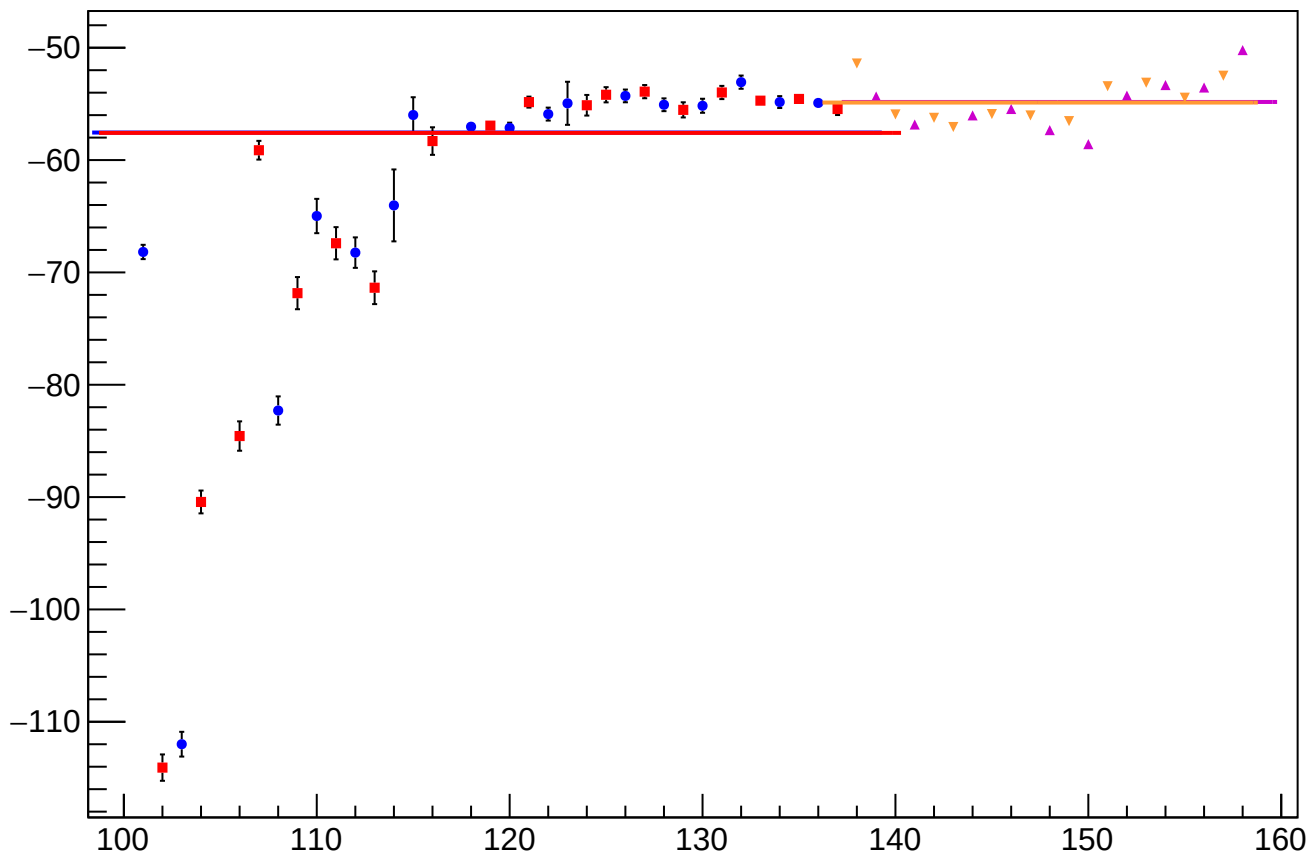
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -4.481 $\pm$ 0.114 χ^2 /NDF:712.5/9

Out: -5.672 $\pm$ 0.116 χ^2 /NDF:408.6/10

All: -5.067 $\pm$ 0.082 χ^2 /NDF: 1174.4/20

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -57.549 ± 0.142 χ^2/NDF : 3460.4/16

Left Out: -54.880 ± 0.086 χ^2/NDF : 418.4/10

Right Out: -57.581 ± 0.143 χ^2/NDF : 4343.8/17

Left In: -54.828 ± 0.087 χ^2/NDF : 905.6/9

Left: -54.854 ± 0.061 χ^2/NDF : 1324.3/20

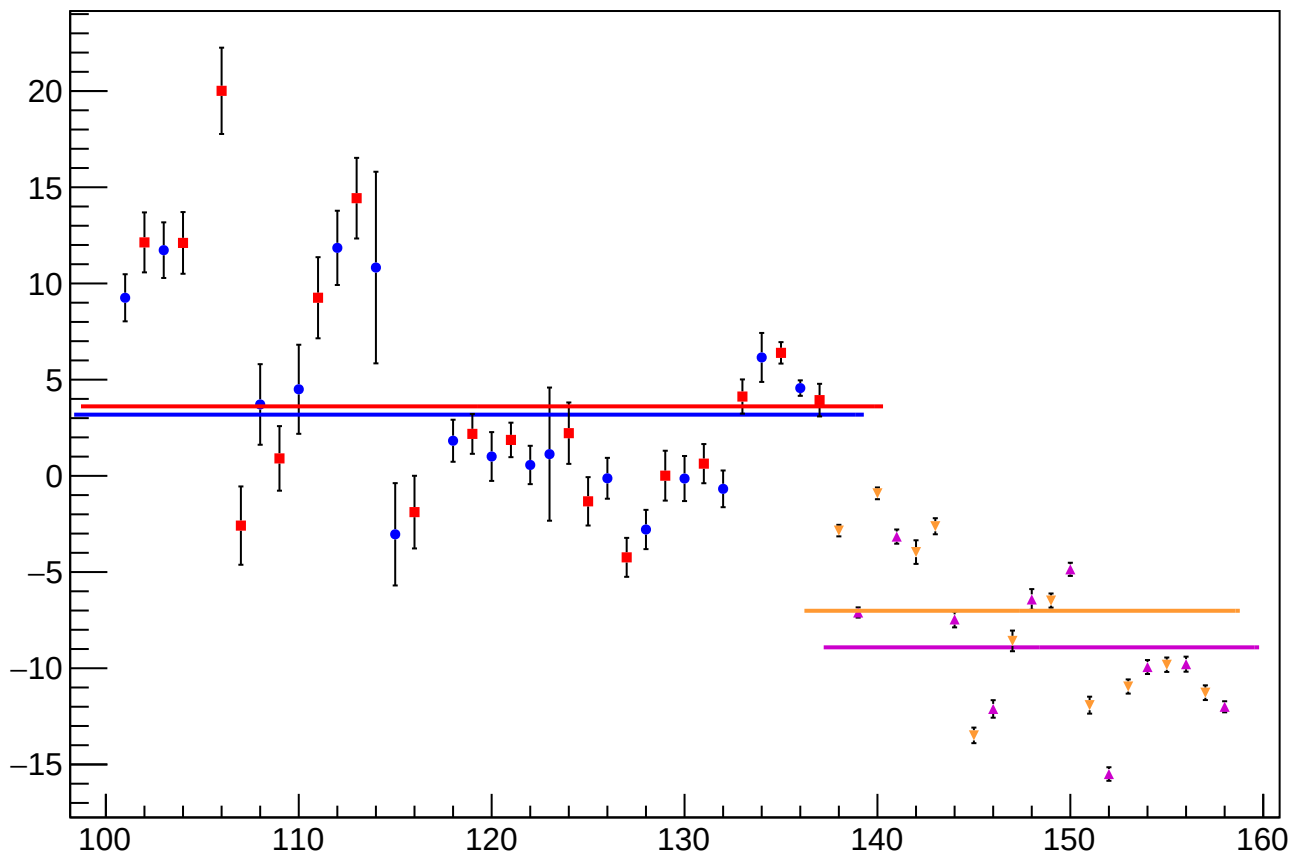
Right: -57.565 ± 0.101 χ^2/NDF : 7804.2/34

In: -55.571 ± 0.074 χ^2/NDF : 4634.6/26

Out: -55.596 ± 0.074 χ^2/NDF : 5024.6/28

All: -55.584 ± 0.052 χ^2/NDF : 9659.2/55

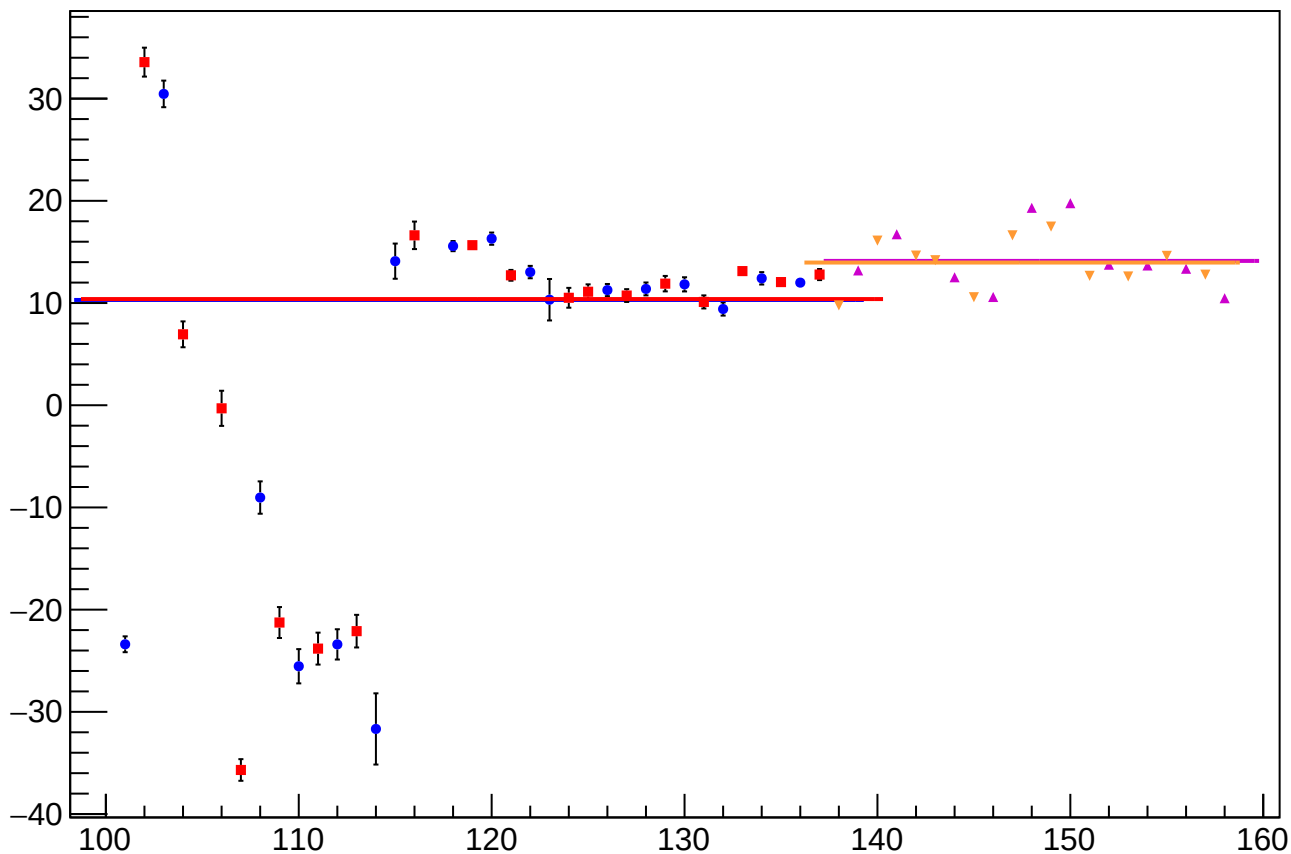
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.181 ± 0.258 χ^2/NDF : 185.2/16
 Left Out: -7.012 ± 0.117 χ^2/NDF : 1407.8/10
 Right Out: 3.612 ± 0.268 χ^2/NDF : 289.2/17
 Left In: -8.913 ± 0.113 χ^2/NDF : 990.0/9

Left: -7.993 ± 0.081 χ^2/NDF : 2534.9/20
 Right: 3.388 ± 0.186 χ^2/NDF : 475.8/34
 In: -6.968 ± 0.103 χ^2/NDF : 3019.3/26
 Out: -5.319 ± 0.107 χ^2/NDF : 3019.4/28
 All: -6.171 ± 0.074 χ^2/NDF : 6161.4/55

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.301+/-0.157 χ^2 /NDF: 3699.4/16

Left Out: 13.961+/-0.102 χ^2 /NDF:515.5/10

Right Out: 10.388+/-0.160 χ^2 /NDF: 3786.4/17

Left In: 14.121+/-0.100 χ^2 /NDF:1017.0/9

Left: 14.043+/-0.072 χ^2 /NDF: 1533.8/20

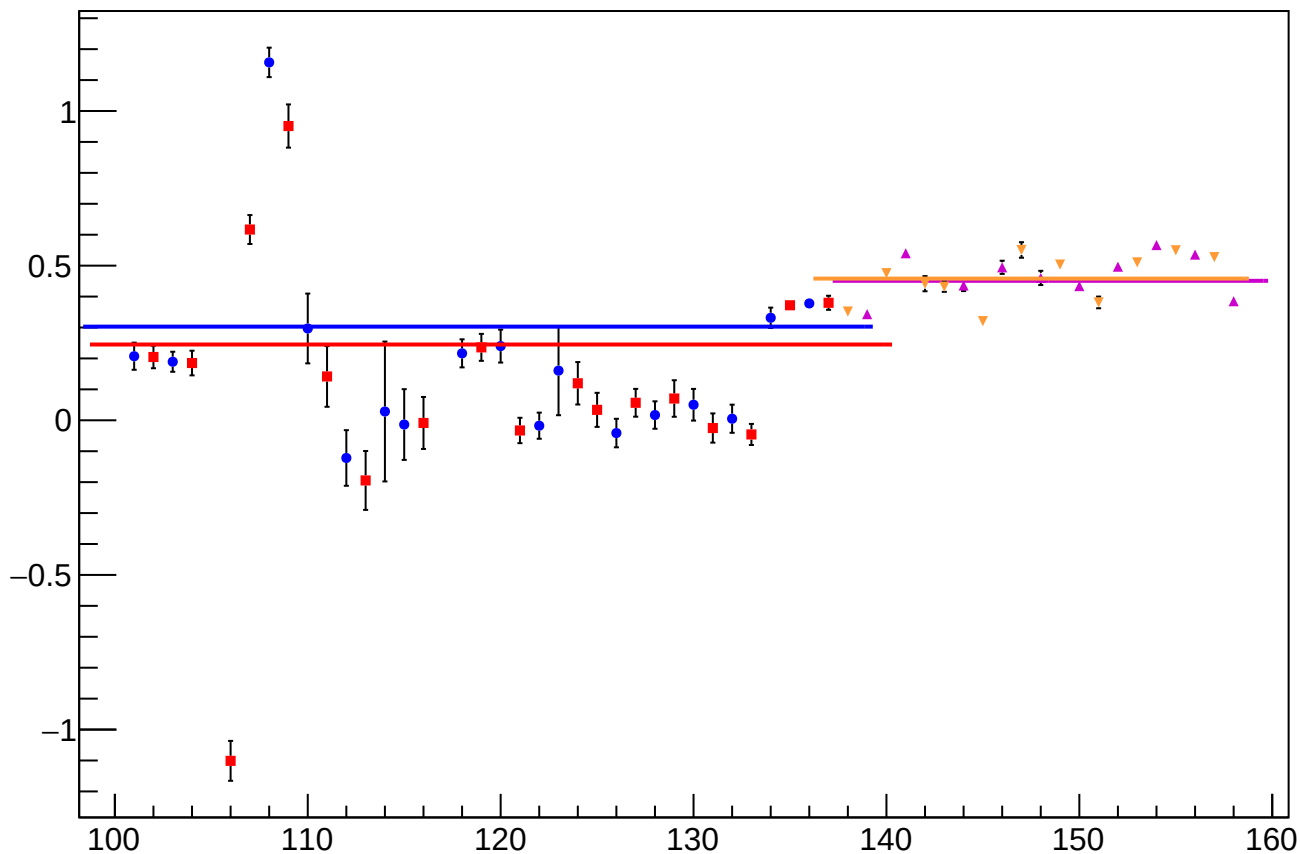
Right: 10.344+/-0.112 χ^2 /NDF: 7485.9/34

In: 13.015+/-0.084 χ^2 /NDF:5137.3/26

Out: 12.927+/-0.086 χ^2 /NDF:4656.8/28

All: 12.972+/-0.060 χ^2 /NDF: 9794.6/55

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: 0.458 $\pm$ 0.005 χ^2/NDF : 298.3/10

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 : 650.8/20

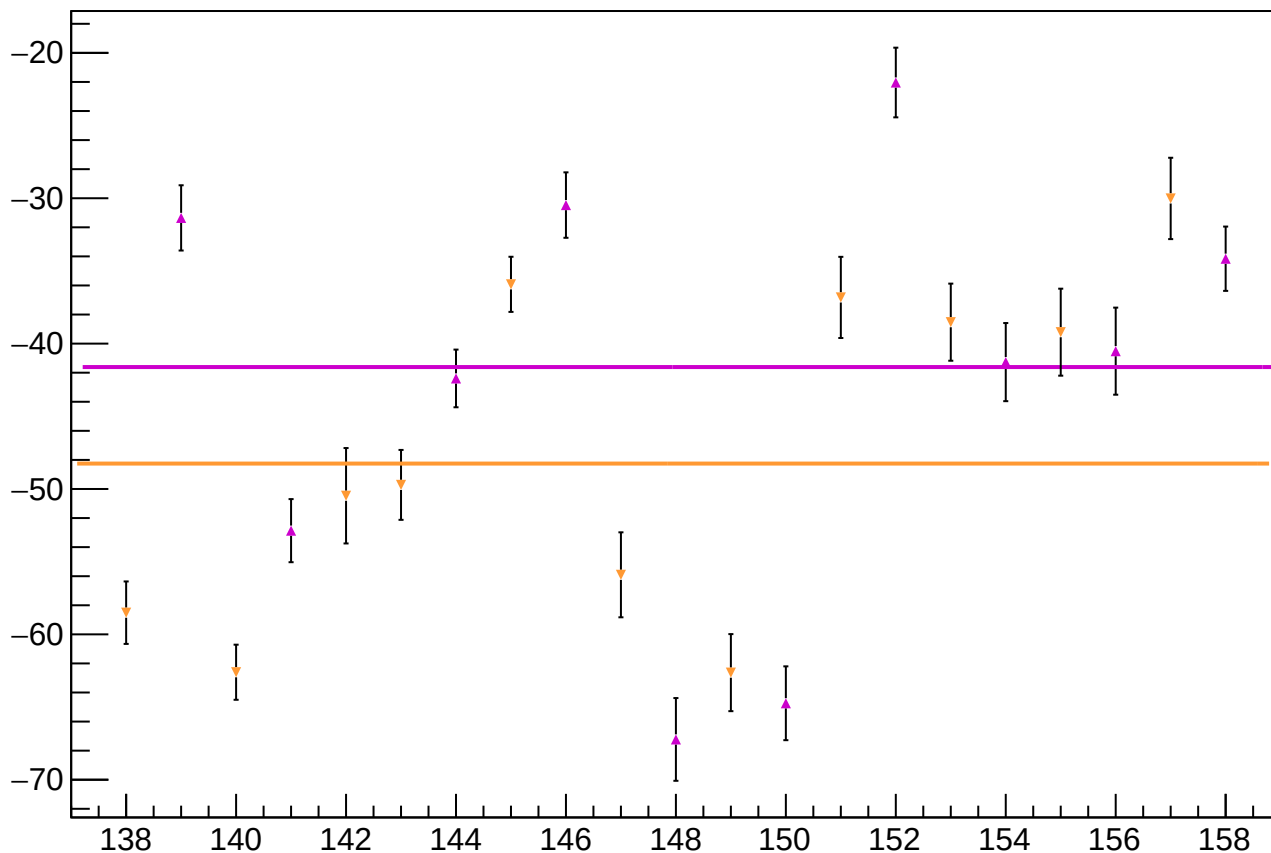
Right: 0.275 $\pm$ 0.006 χ^2/NDF : 1625.6/34

In: 0.419 $\pm$ 0.004 χ^2/NDF : 1254.8/26

Out: 0.411 $\pm$ 0.004 χ^2/NDF : 1740.3/28

All: 0.415 $\pm$ 0.003 χ^2/NDF : 2997.4/55

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -48.252+/-0.744 χ^2/NDF :241.4/10

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: -44.968+/-0.529 χ^2/NDF : 595.4/20

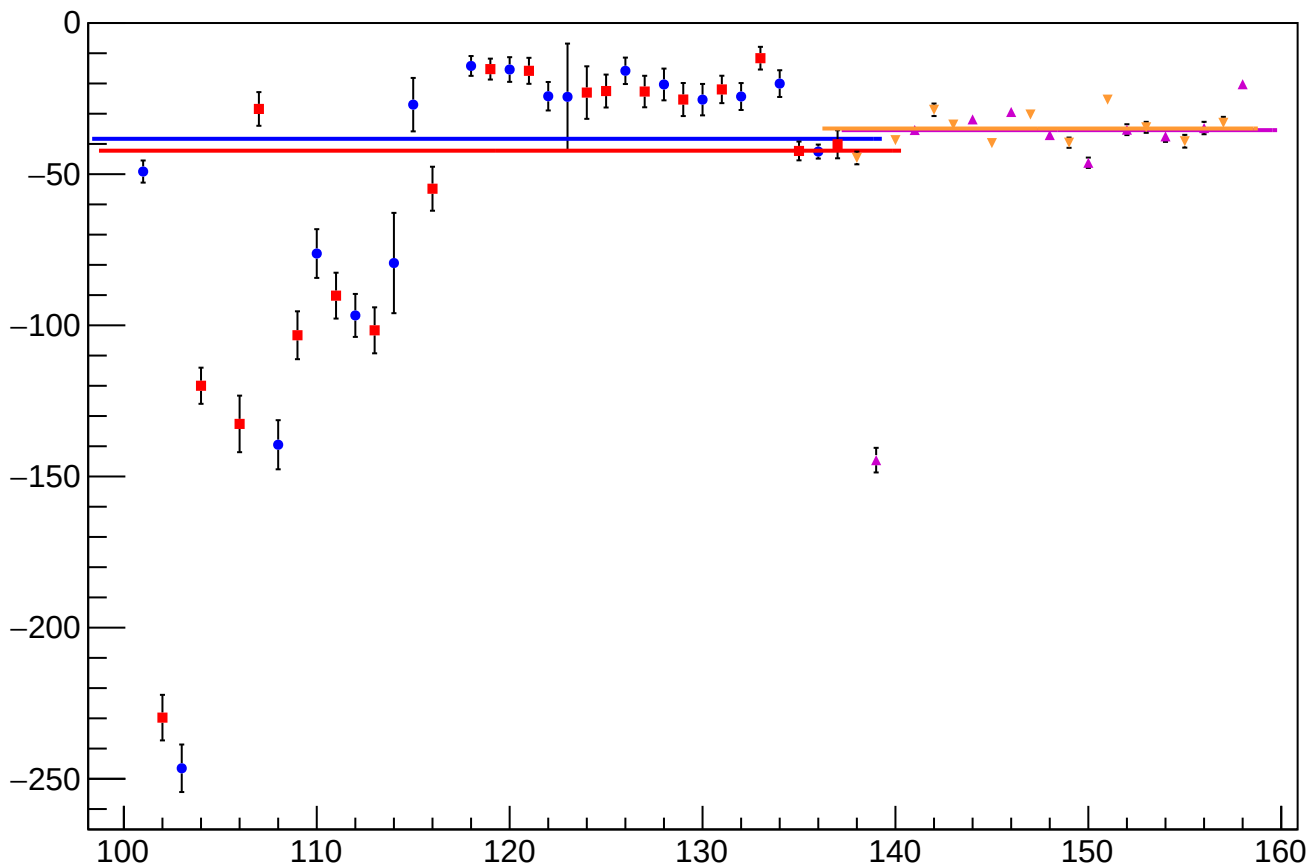
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.612+/-0.752 χ^2/NDF :314.6/9

Out: -48.252+/-0.744 χ^2/NDF :241.4/10

All: -44.968+/-0.529 χ^2/NDF : 595.4/20

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.304 ± 1.138 $\chi^2/\text{NDF}: 1132.8/16$

Left Out: -34.896 ± 0.521 $\chi^2/\text{NDF}: 104.4/10$

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: -35.164 ± 0.370 $\chi^2/\text{NDF}: 991.6/20$

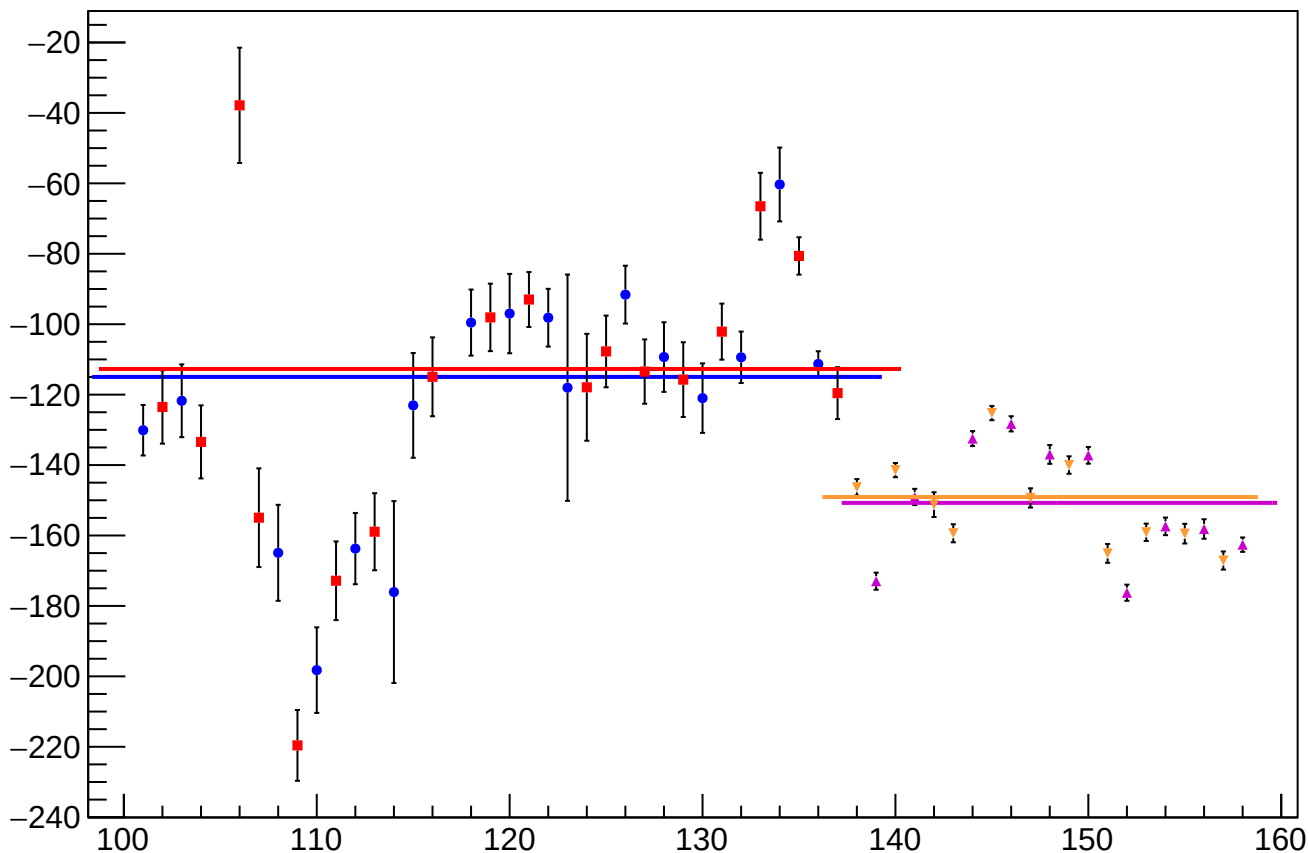
Right: -40.148 ± 0.829 $\chi^2/\text{NDF}: 2416.5/34$

In: -35.938 ± 0.476 $\chi^2/\text{NDF}: 2024.6/26$

Out: -36.043 ± 0.478 $\chi^2/\text{NDF}: 1413.6/28$

All: -35.990 ± 0.337 $\chi^2/\text{NDF}: 3438.2/55$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -114.969 $\pm$ 2.075 χ^2 /NDF: 141.4/16

Left Out: -149.081 $\pm$ 0.747 χ^2 /NDF:300.7/10

Right Out: -112.713 $\pm$ 2.210 χ^2 /NDF: 267.1/17

Left In: -150.739 $\pm$ 0.739 χ^2 /NDF:497.1/9

Left: -149.919 $\pm$ 0.525 χ^2 /NDF: 800.3/20

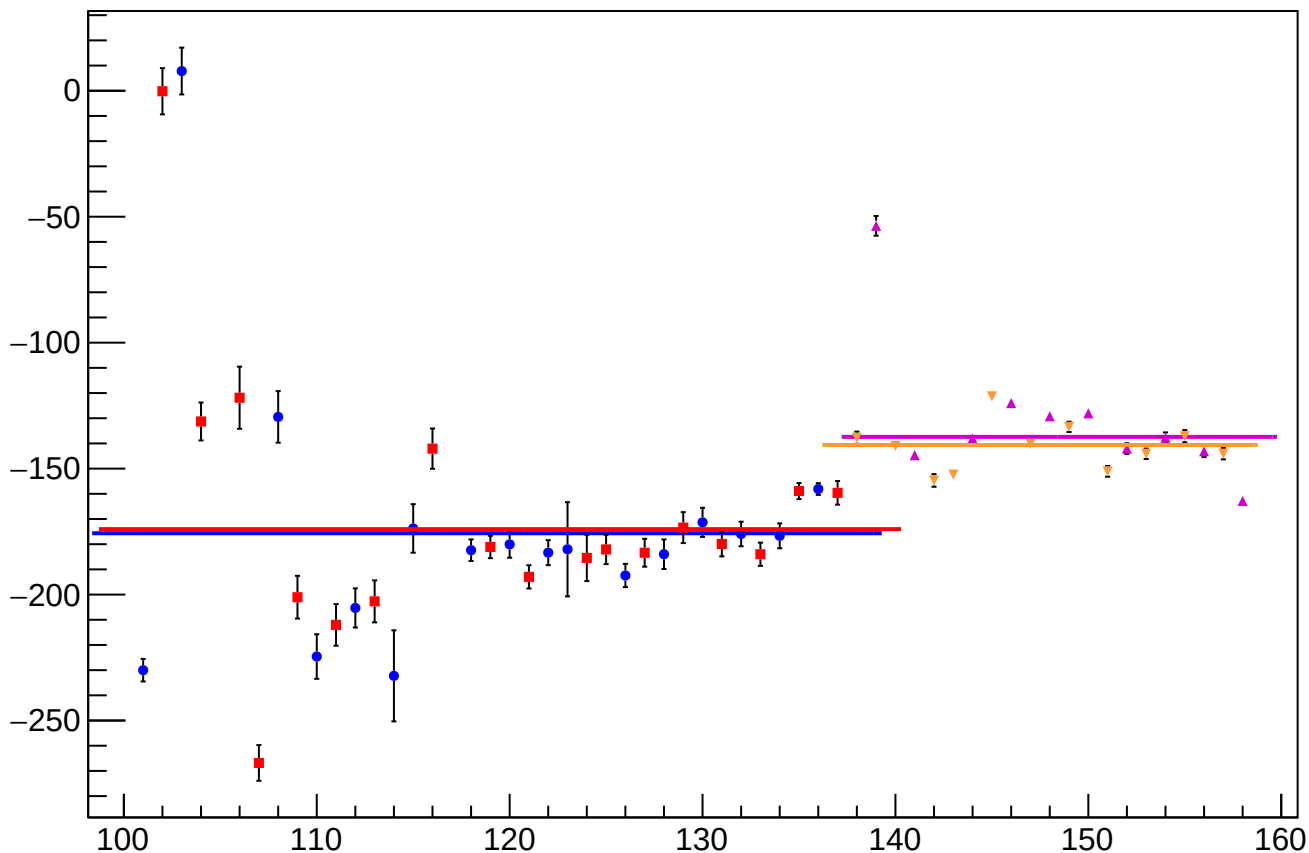
Right: -113.912 $\pm$ 1.513 χ^2 /NDF: 409.1/34

In: -146.712 $\pm$ 0.696 χ^2 /NDF:902.4/26

Out: -145.349 $\pm$ 0.708 χ^2 /NDF:810.8/28

All: -146.042 $\pm$ 0.496 χ^2 /NDF: 1715.1/55

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -175.651 ± 1.269 χ^2/NDF : 692.1/16

Left Out: -140.623 ± 0.630 χ^2/NDF : 231.8/10

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: -138.993 ± 0.443 χ^2/NDF : 1078.8/20

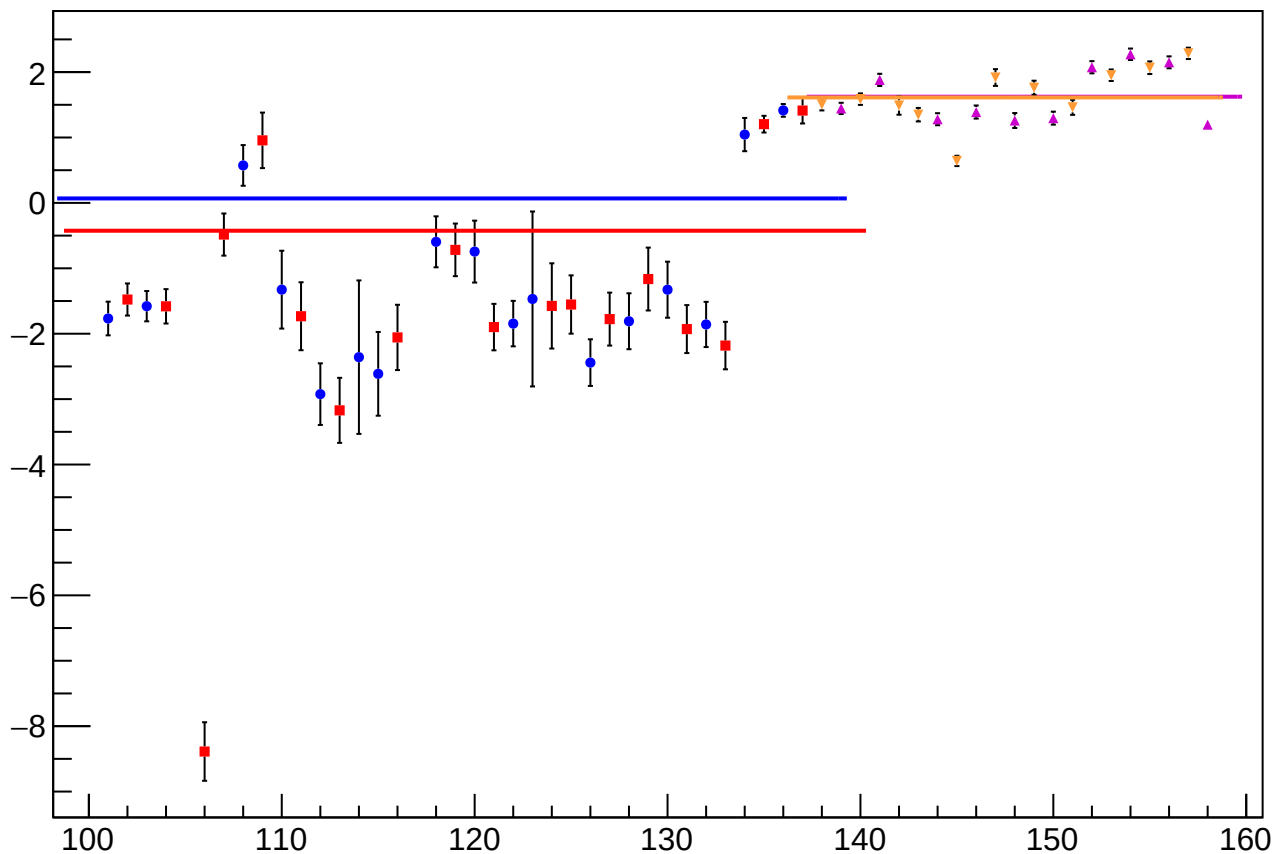
Right: -174.891 ± 0.926 χ^2/NDF : 1396.3/34

In: -144.829 ± 0.559 χ^2/NDF : 2257.9/26

Out: -146.557 ± 0.571 χ^2/NDF : 1434.8/28

All: -145.675 ± 0.400 χ^2/NDF : 3697.3/55

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: 1.612 $\pm$ 0.030 χ^2 /NDF:265.8/10

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: 1.618 $\pm$ 0.021 χ^2 /NDF: 463.3/20

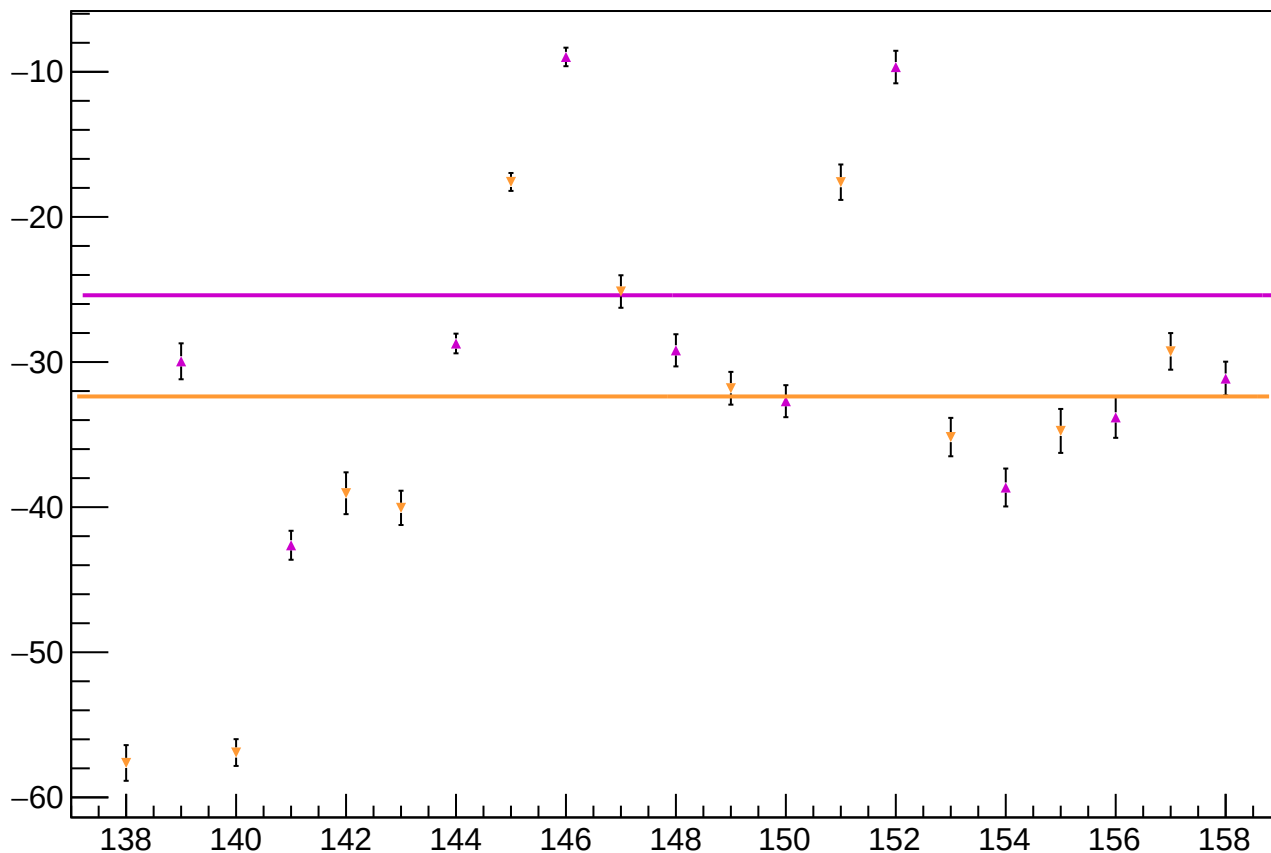
Right: -0.163 $\pm$ 0.049 χ^2 /NDF: 1294.2/34

In: 1.380 $\pm$ 0.027 χ^2 /NDF:1177.6/26

Out: 1.312 $\pm$ 0.027 χ^2 /NDF:1706.2/28

All: 1.347 $\pm$ 0.019 χ^2 /NDF: 2887.0/55

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -32.372 ± 0.324 χ^2/NDF : 1968.0/10

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: -28.712 ± 0.223 χ^2/NDF : 3623.5/20

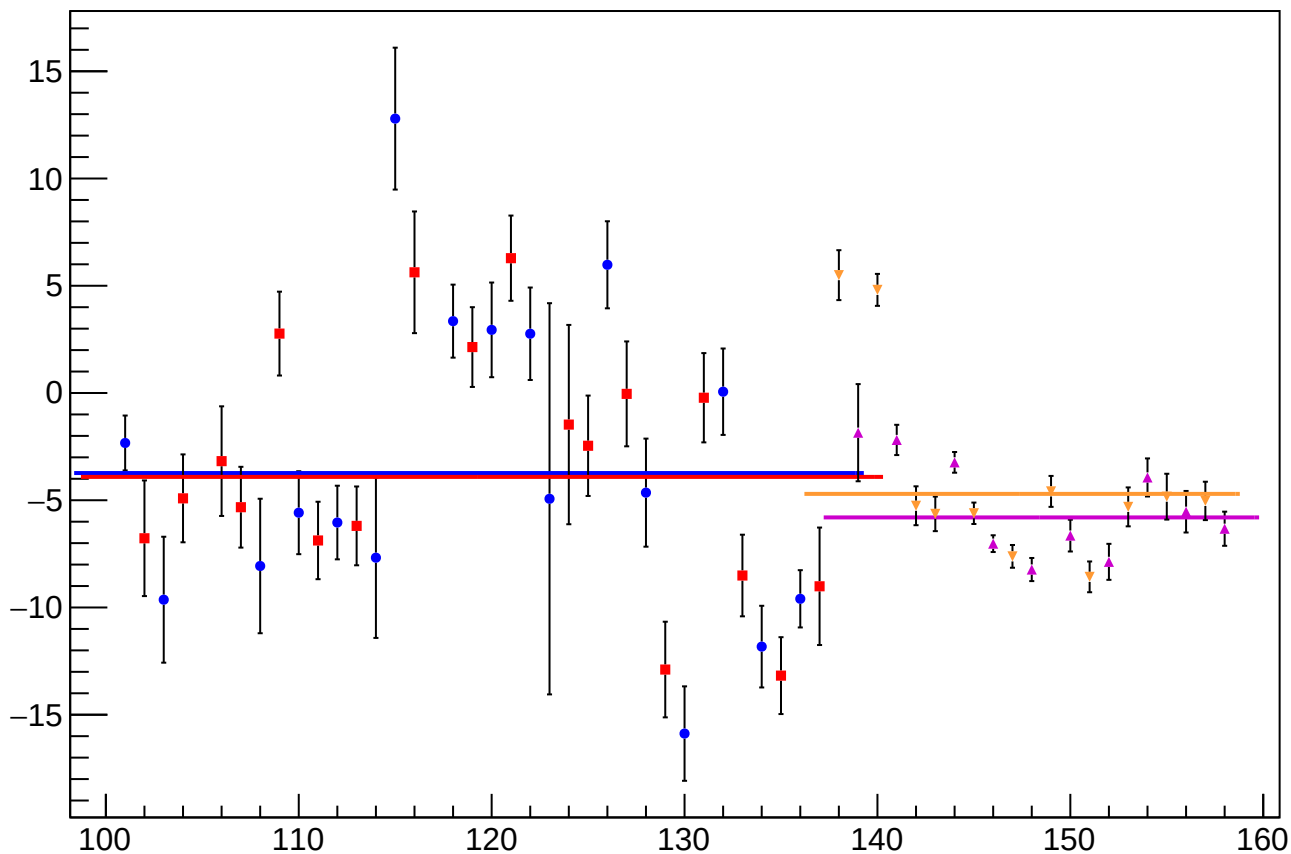
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -25.398 ± 0.308 χ^2/NDF : 1411.9/9

Out: -32.372 ± 0.324 χ^2/NDF : 1968.0/10

All: -28.712 ± 0.223 χ^2/NDF : 3623.5/20

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: -4.704 ± 0.223 $\chi^2/\text{NDF}: 304.4/10$

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: -5.297 ± 0.151 $\chi^2/\text{NDF}: 417.5/20$

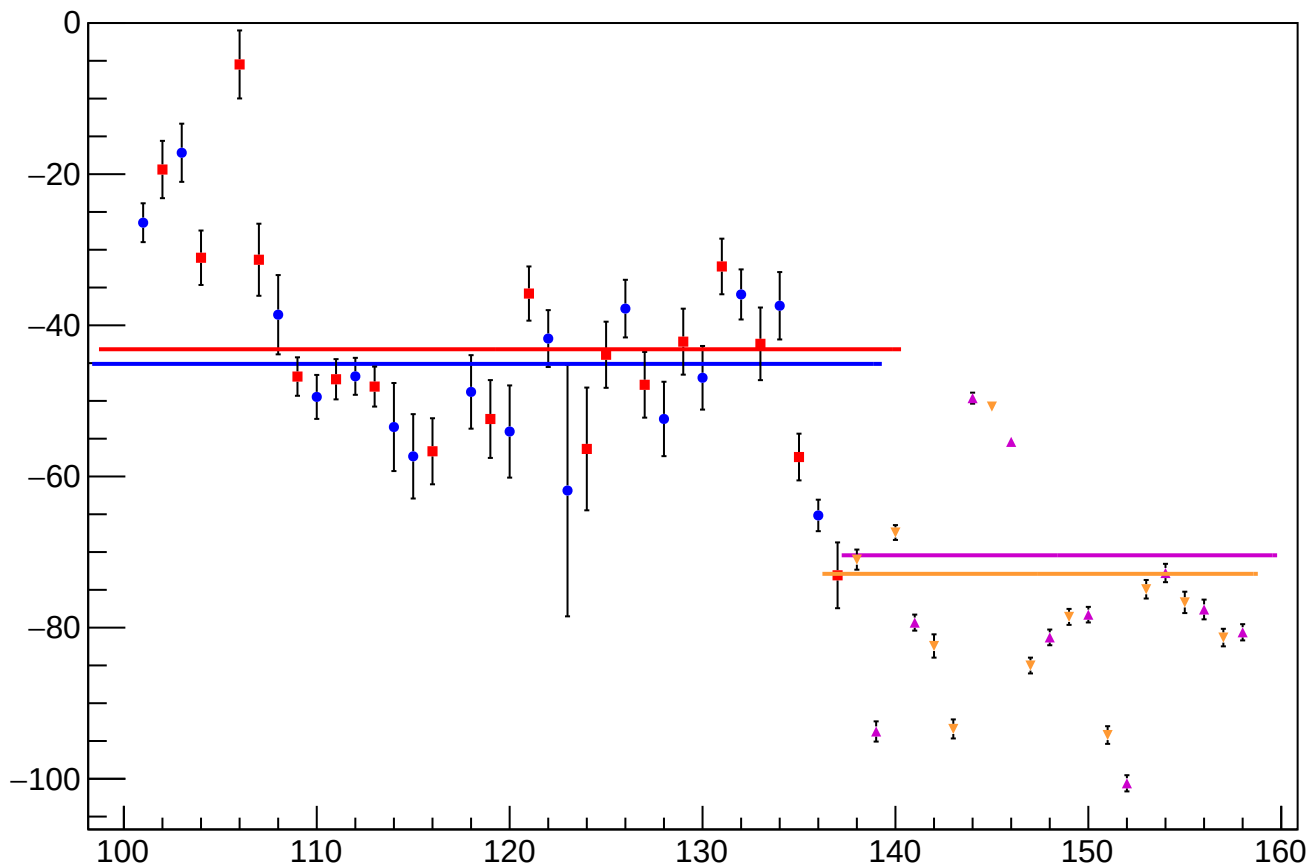
Right: -3.820 ± 0.354 $\chi^2/\text{NDF}: 290.7/34$

In: -5.497 ± 0.190 $\chi^2/\text{NDF}: 280.7/26$

Out: -4.575 ± 0.204 $\chi^2/\text{NDF}: 431.2/28$

All: -5.070 ± 0.139 $\chi^2/\text{NDF}: 722.9/55$

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -45.102 ± 0.883 χ^2/NDF : 230.6/16

Left Out: -72.882 ± 0.326 χ^2/NDF : 2035.8/10

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: -71.568 ± 0.222 χ^2/NDF : 4939.2/20

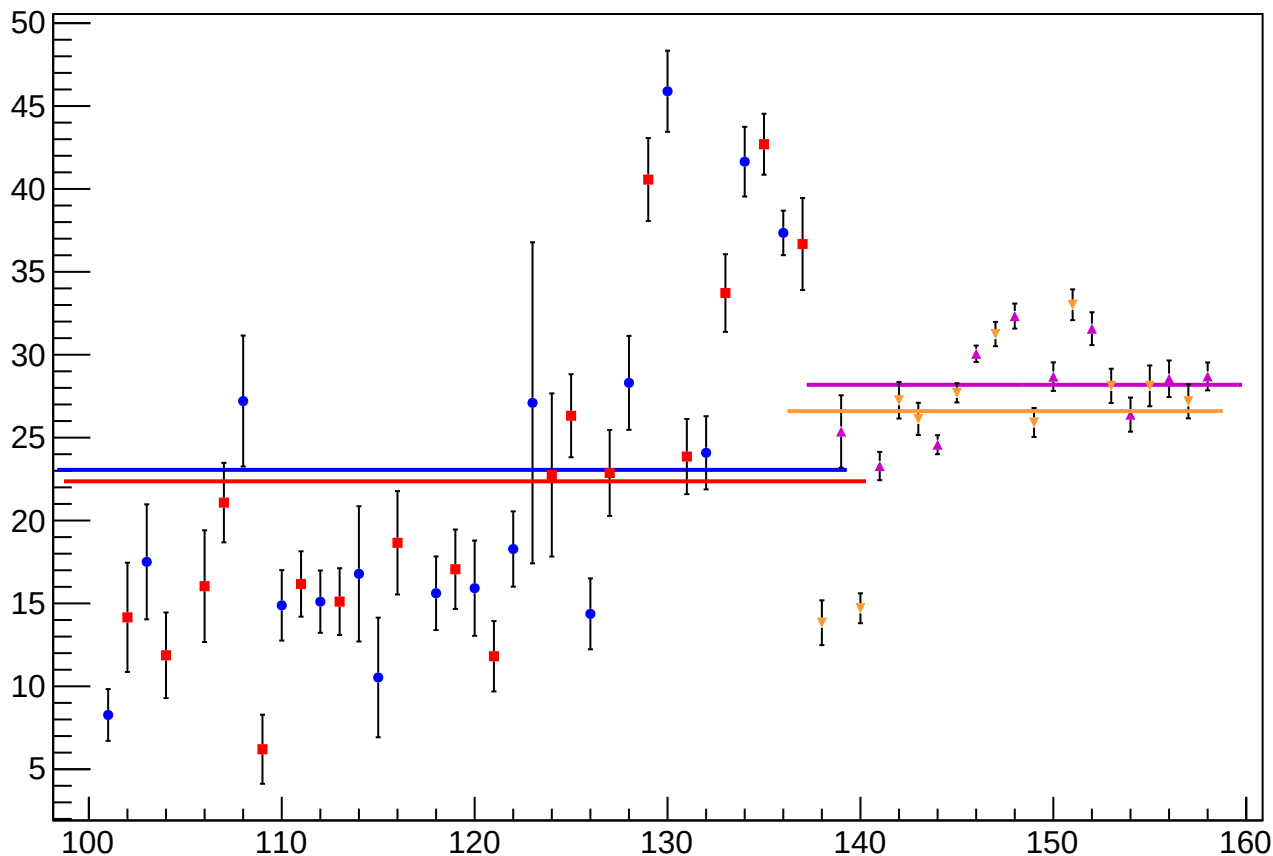
Right: -44.131 ± 0.623 χ^2/NDF : 465.9/34

In: -67.752 ± 0.287 χ^2/NDF : 3840.1/26

Out: -69.296 ± 0.305 χ^2/NDF : 3273.1/28

All: -68.475 ± 0.209 χ^2/NDF : 7126.8/55

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.055 ± 0.557 χ^2/NDF : 461.1/16

Left Out: 26.600 ± 0.272 χ^2/NDF : 359.7/10

Right Out: 22.365 ± 0.573 χ^2/NDF : 368.8/17

Left In: 28.186 ± 0.250 χ^2/NDF : 134.5/9

Left: 27.459 ± 0.184 χ^2/NDF : 512.7/20

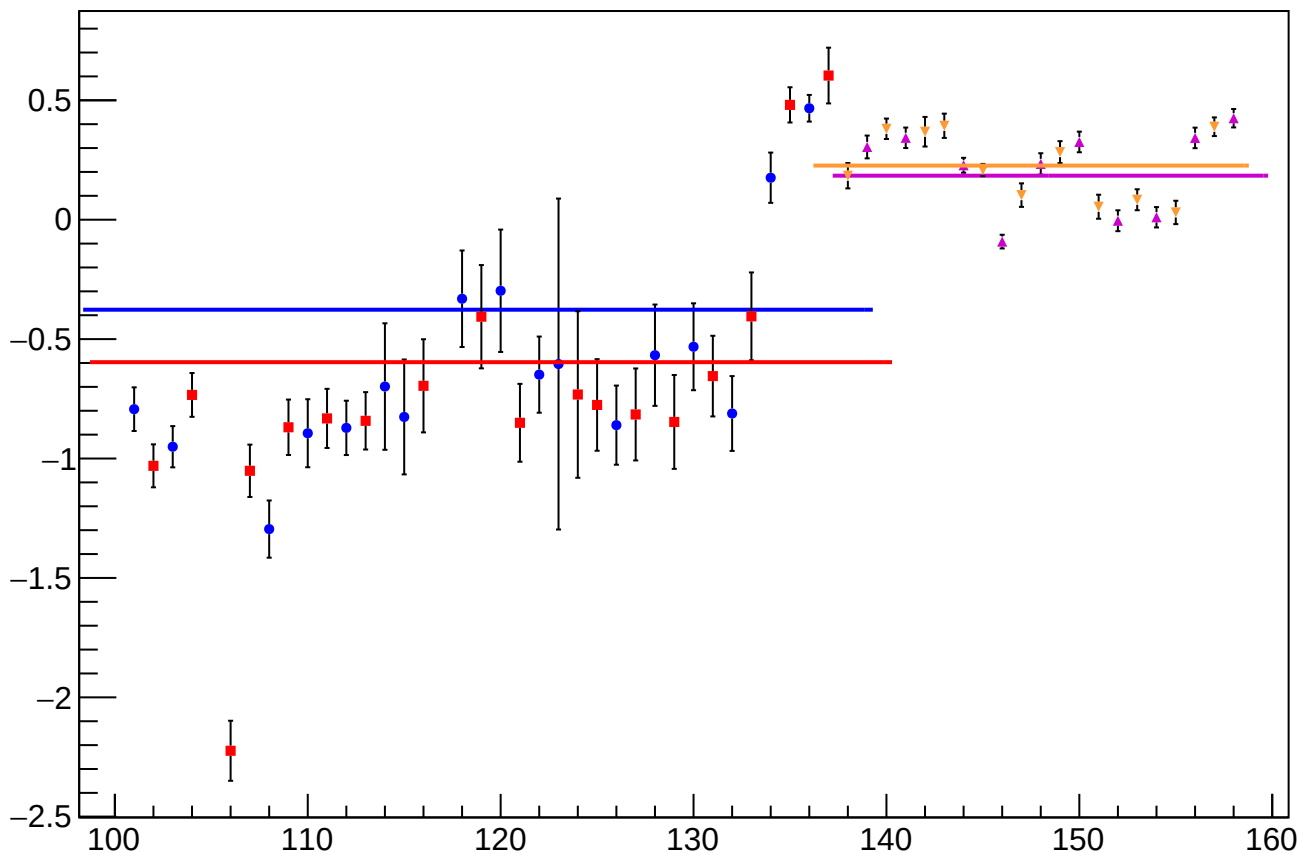
Right: 22.720 ± 0.399 χ^2/NDF : 830.6/34

In: 27.326 ± 0.228 χ^2/NDF : 666.3/26

Out: 25.823 ± 0.245 χ^2/NDF : 773.1/28

All: 26.630 ± 0.167 χ^2/NDF : 1459.6/55

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.377 ± 0.030 $\chi^2/\text{NDF}: 437.4/16$

Left Out: 0.227 ± 0.013 $\chi^2/\text{NDF}: 93.6/10$

Right Out: -0.597 ± 0.030 $\chi^2/\text{NDF}: 551.3/17$

Left In: 0.184 ± 0.012 $\chi^2/\text{NDF}: 214.3/9$

Left: 0.204 ± 0.009 $\chi^2/\text{NDF}: 313.5/20$

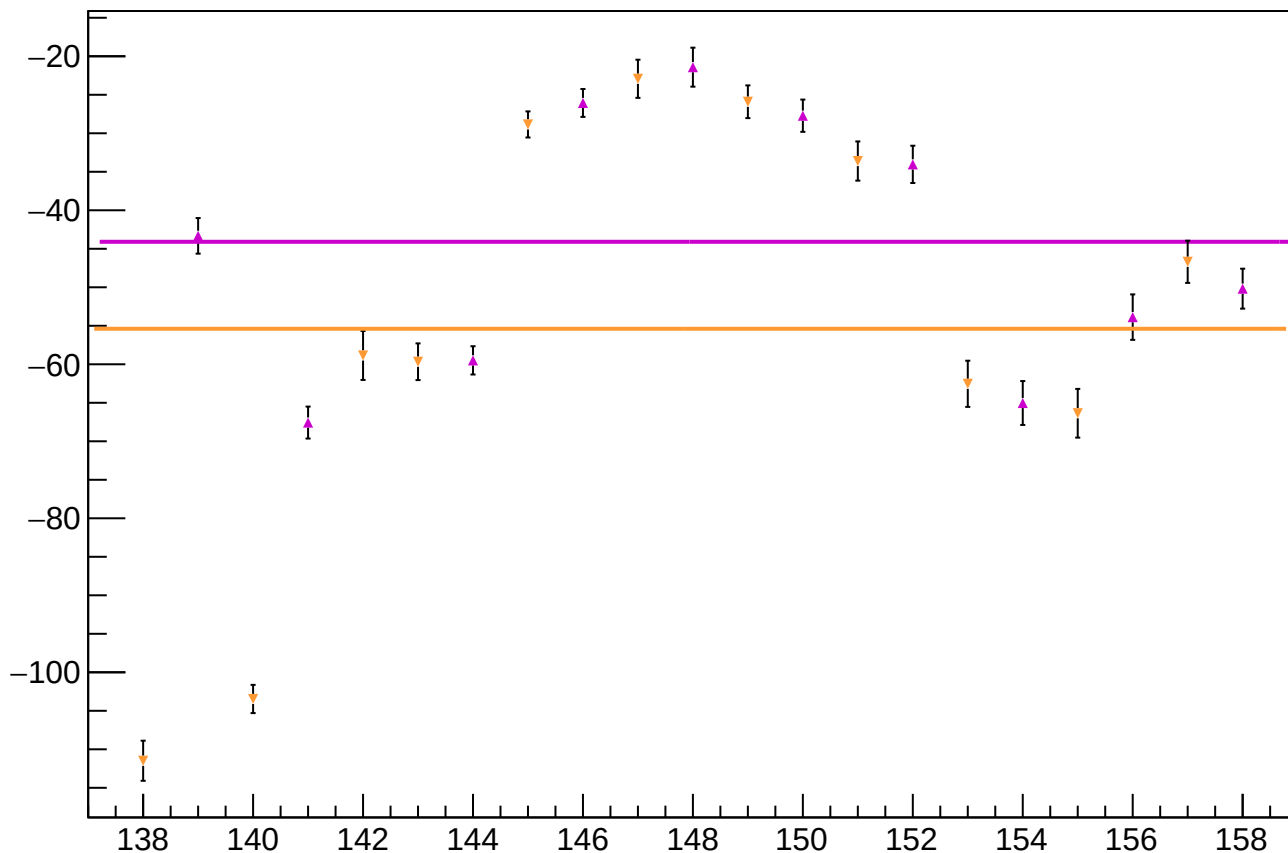
Right: -0.486 ± 0.021 $\chi^2/\text{NDF}: 1015.2/34$

In: 0.103 ± 0.011 $\chi^2/\text{NDF}: 949.2/26$

Out: 0.098 ± 0.012 $\chi^2/\text{NDF}: 1270.3/28$

All: 0.101 ± 0.008 $\chi^2/\text{NDF}: 2219.6/55$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

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: -49.722+/-0.505 χ^2/NDF : 2518.6/20

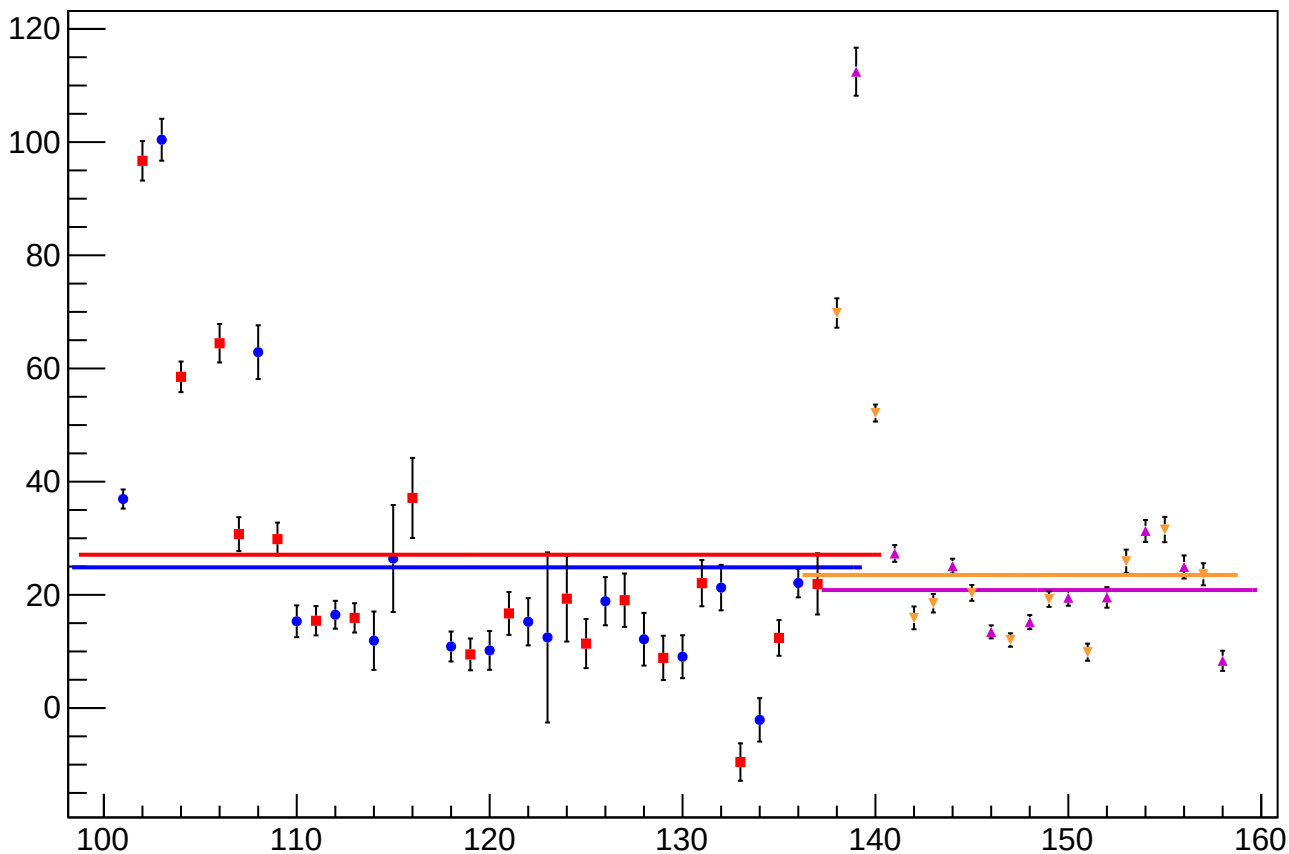
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.092+/-0.714 χ^2/NDF :526.8/9

Out: -55.386+/-0.716 χ^2/NDF :1867.0/10

All: -49.722+/-0.505 χ^2/NDF : 2518.6/20

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: 23.514 $\pm$ 0.493 χ^2 /NDF: 911.2/10

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: 22.180 $\pm$ 0.349 χ^2 /NDF: 1567.1/20

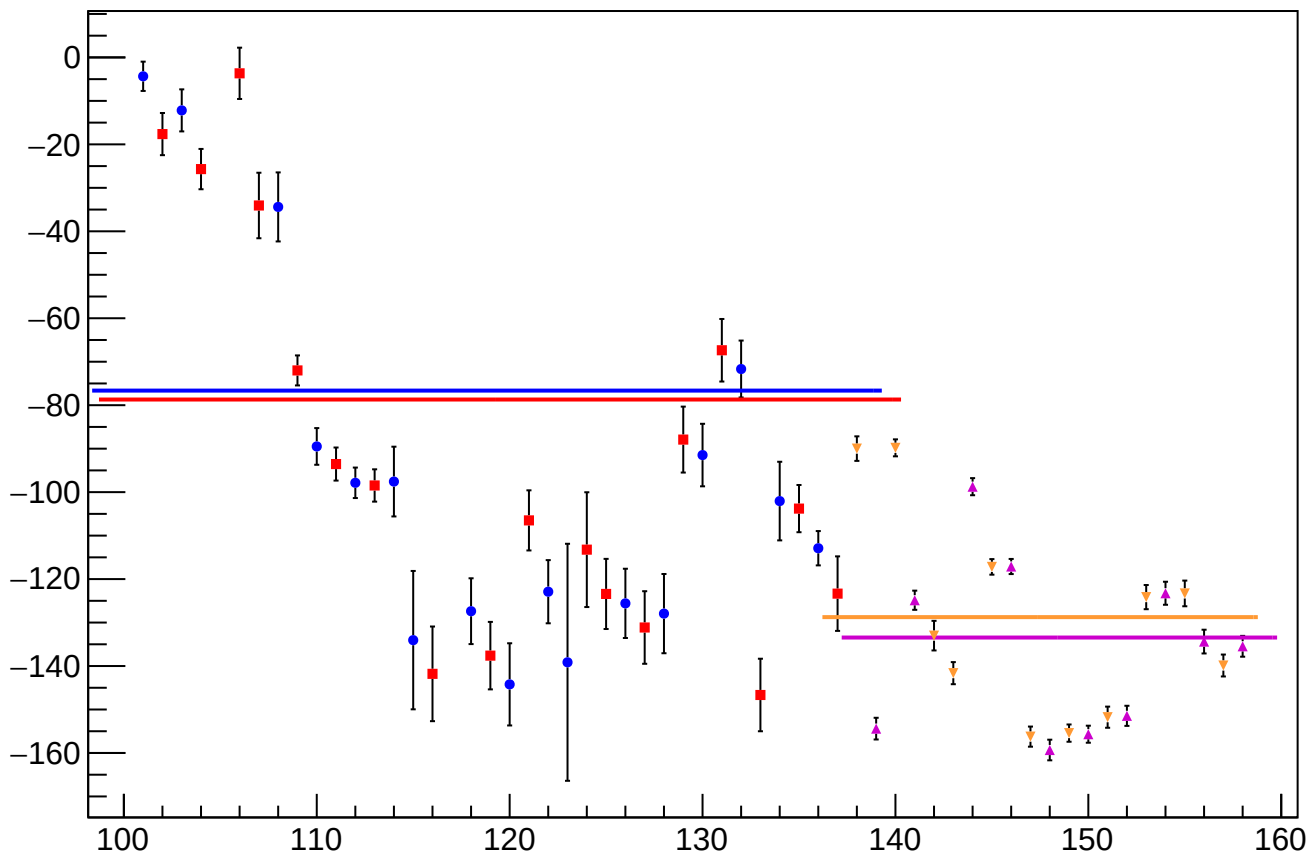
Right: 25.964 $\pm$ 0.570 χ^2 /NDF: 1625.8/34

In: 21.949 $\pm$ 0.420 χ^2 /NDF: 1350.4/26

Out: 24.479 $\pm$ 0.421 χ^2 /NDF: 1856.3/28

All: 23.209 $\pm$ 0.297 χ^2 /NDF: 3224.9/55

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.641 ± 1.415 χ^2/NDF : 1040.7/16

Left Out: -128.751 ± 0.716 χ^2/NDF : 1092.1/10

Right Out: -78.695 ± 1.360 χ^2/NDF : 836.5/17

Left In: -133.446 ± 0.702 χ^2/NDF : 809.0/9

Left: -131.146 ± 0.501 χ^2/NDF : 1923.0/20

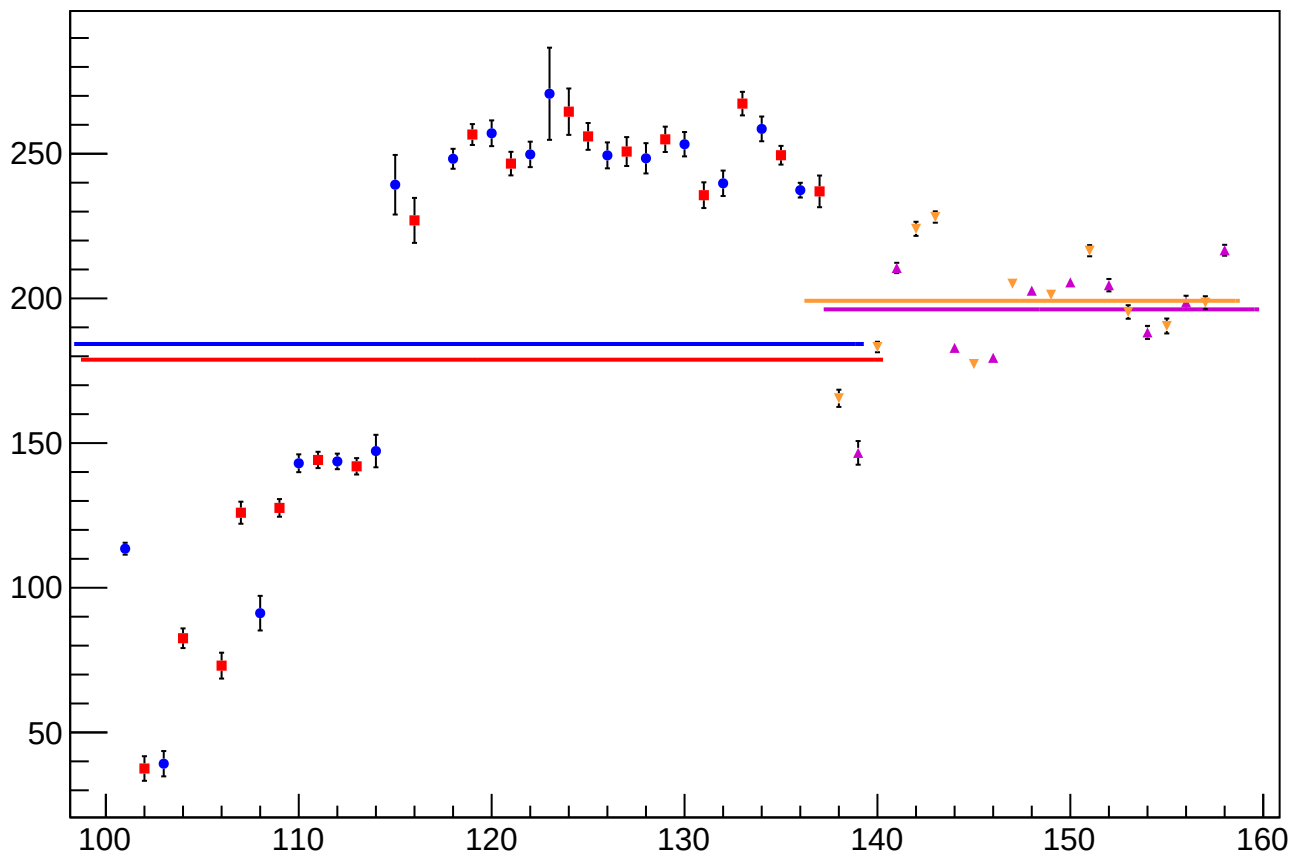
Right: -77.709 ± 0.980 χ^2/NDF : 1878.3/34

In: -122.230 ± 0.629 χ^2/NDF : 3143.5/26

Out: -117.889 ± 0.634 χ^2/NDF : 2989.4/28

All: -120.076 ± 0.446 χ^2/NDF : 6156.5/55

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 184.246 $\pm$ 0.915 χ^2 /NDF: 5388.6/16

Left Out: 199.180 $\pm$ 0.600 χ^2 /NDF:822.5/10

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: 197.673 $\pm$ 0.421 χ^2 /NDF: 1450.3/20

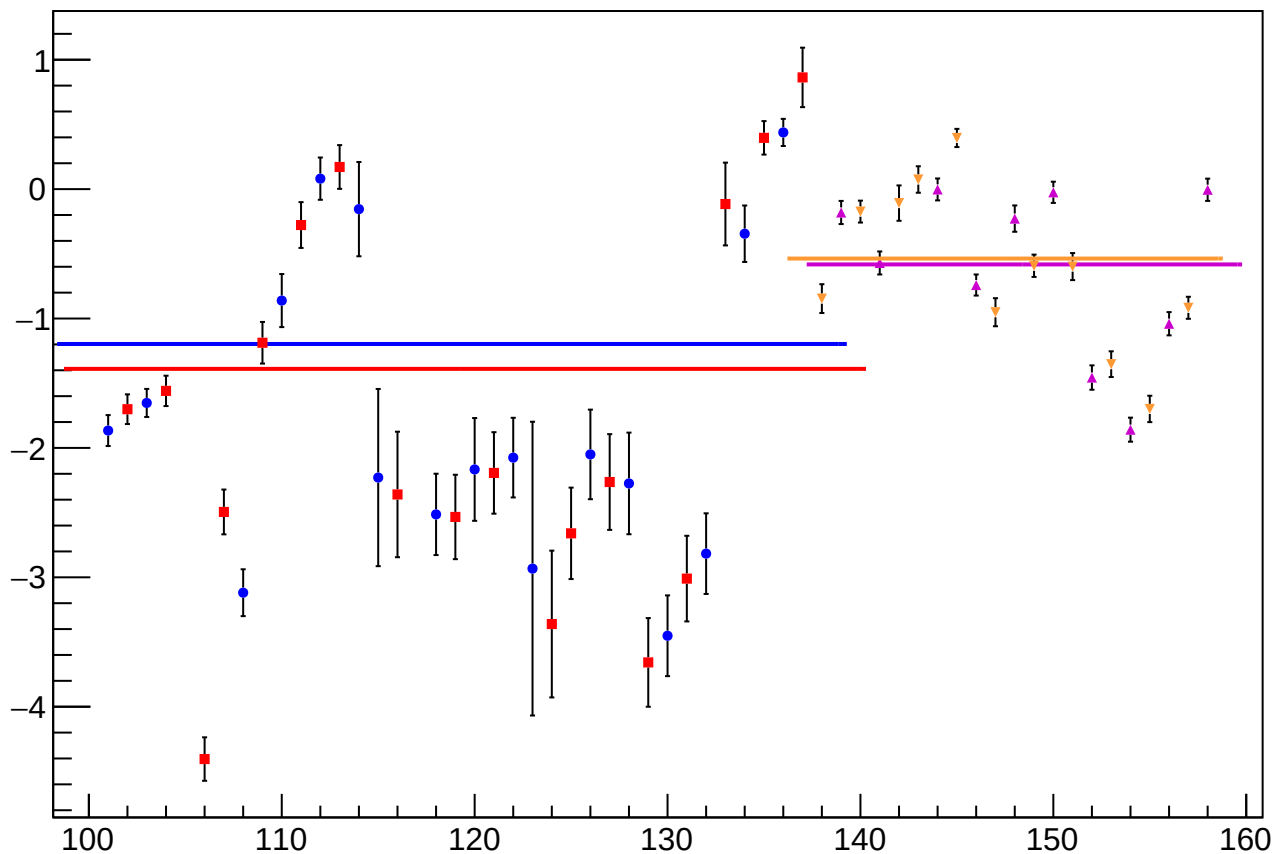
Right: 181.565 $\pm$ 0.651 χ^2 /NDF: 11576.9/34

In: 192.696 $\pm$ 0.496 χ^2 /NDF:6124.7/26

Out: 193.164 $\pm$ 0.503 χ^2 /NDF:7334.1/28

All: 192.927 $\pm$ 0.353 χ^2 /NDF: 13459.3/55

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.197 ± 0.048 χ^2/NDF : 621.5/16

Left Out: -0.537 ± 0.029 χ^2/NDF : 479.9/10

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: -0.560 ± 0.020 χ^2/NDF : 956.4/20

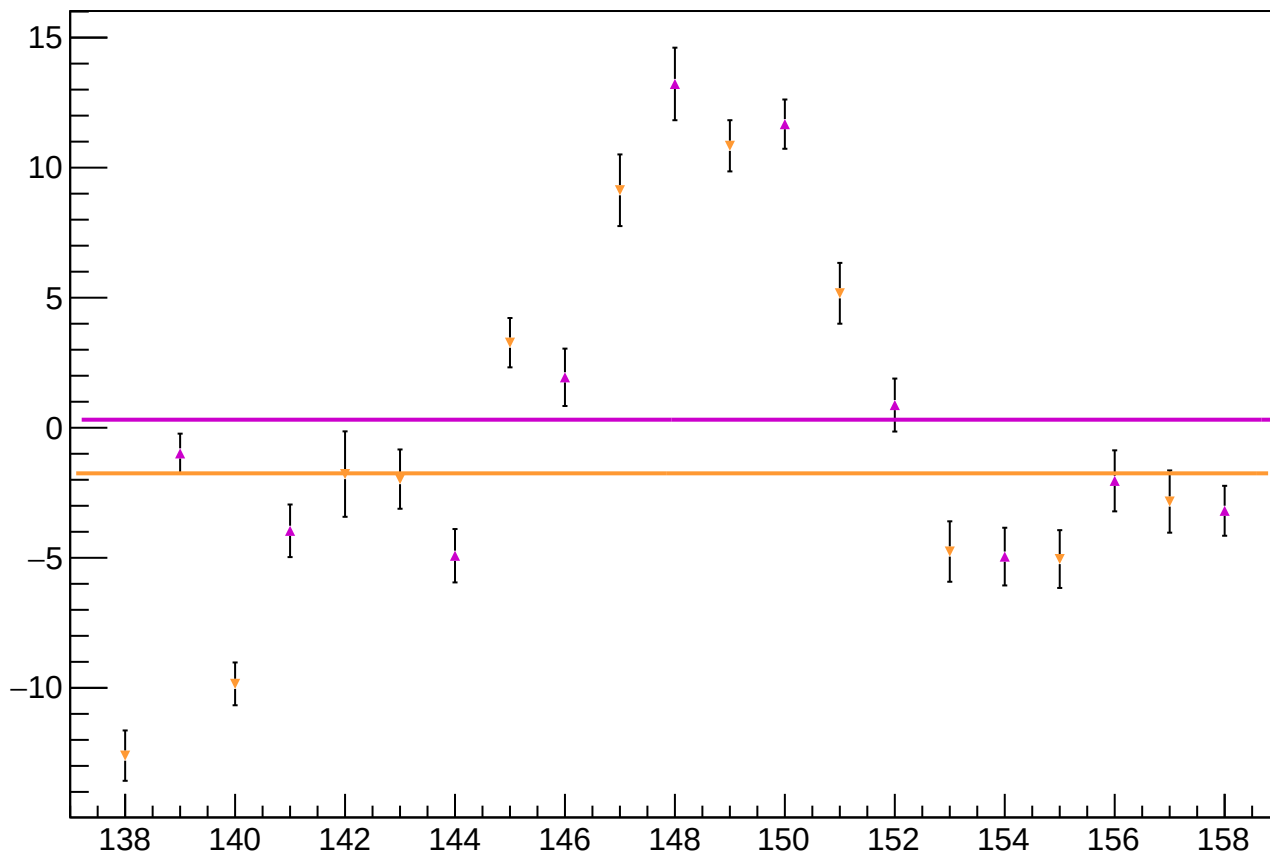
Right: -1.297 ± 0.033 χ^2/NDF : 1552.0/34

In: -0.738 ± 0.024 χ^2/NDF : 1218.7/26

Out: -0.774 ± 0.024 χ^2/NDF : 1649.1/28

All: -0.756 ± 0.017 χ^2/NDF : 2868.9/55

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -1.752+/-0.327 χ^2/NDF :528.1/10

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: -0.701+/-0.229 χ^2/NDF : 867.0/20

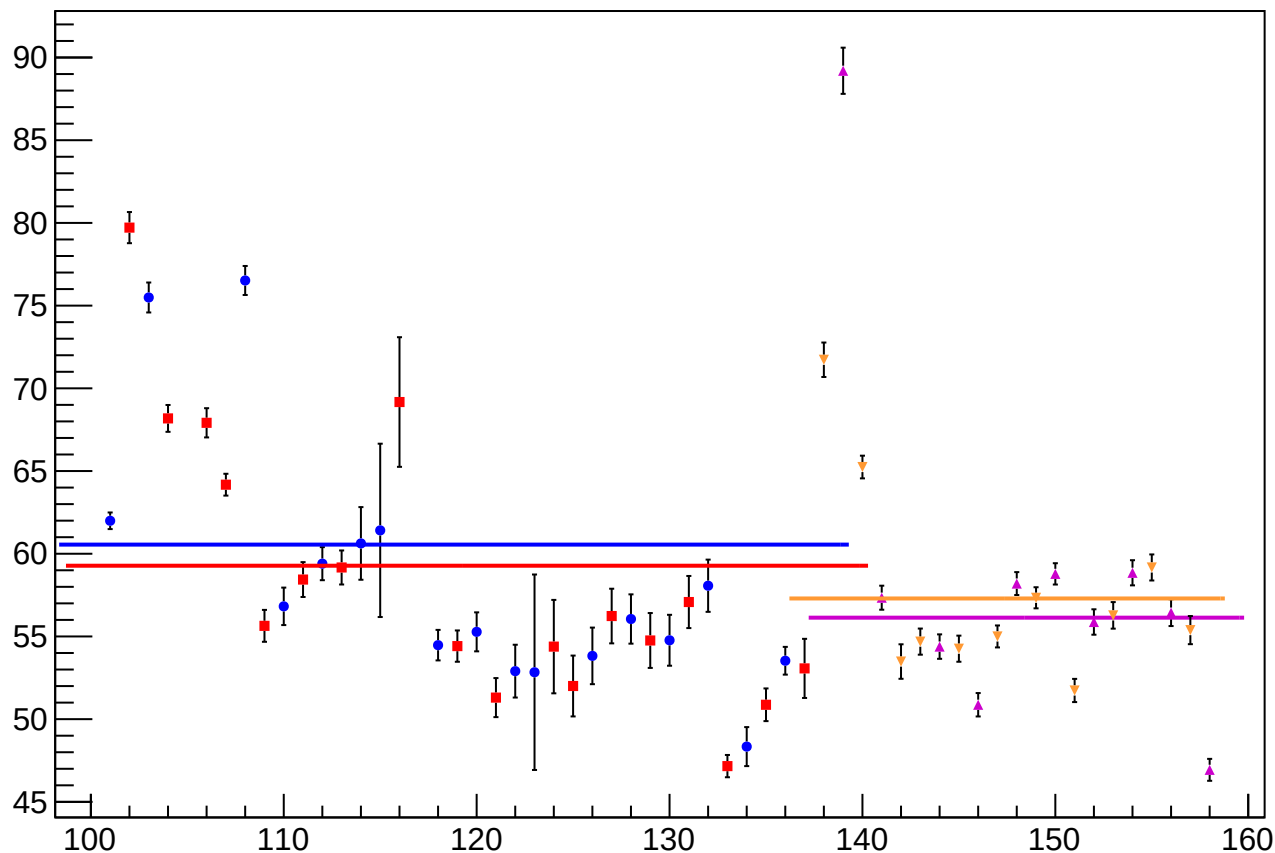
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.310+/-0.321 χ^2/NDF :318.6/9

Out: -1.752+/-0.327 χ^2/NDF :528.1/10

All: -0.701+/-0.229 χ^2/NDF : 867.0/20

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.552 $\pm$ 0.262 χ^2/NDF : 931.0/16

Left Out: 57.296 $\pm$ 0.233 χ^2/NDF : 452.4/10

Right Out: 59.276 $\pm$ 0.249 χ^2/NDF : 1274.8/17

Left In: 56.135 $\pm$ 0.236 χ^2/NDF : 855.8/9

Left: 56.724 $\pm$ 0.166 χ^2/NDF : 1320.5/20

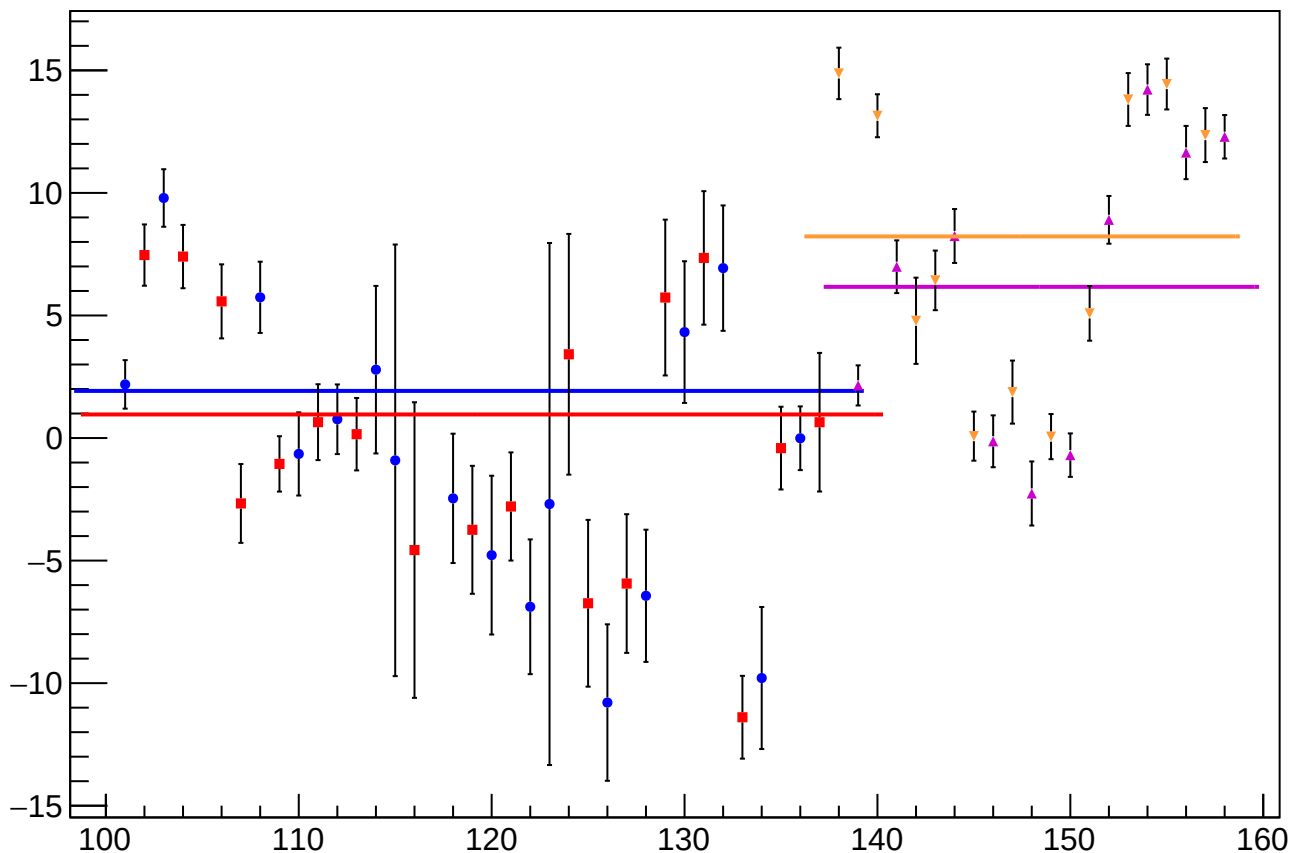
Right: 59.882 $\pm$ 0.180 χ^2/NDF : 2218.3/34

In: 58.116 $\pm$ 0.175 χ^2/NDF : 1943.9/26

Out: 58.219 $\pm$ 0.170 χ^2/NDF : 1761.0/28

All: 58.169 $\pm$ 0.122 χ^2/NDF : 3705.0/55

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: 8.225 ± 0.326 $\chi^2/\text{NDF}: 331.7/10$

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: 7.162 ± 0.227 $\chi^2/\text{NDF}: 659.5/20$

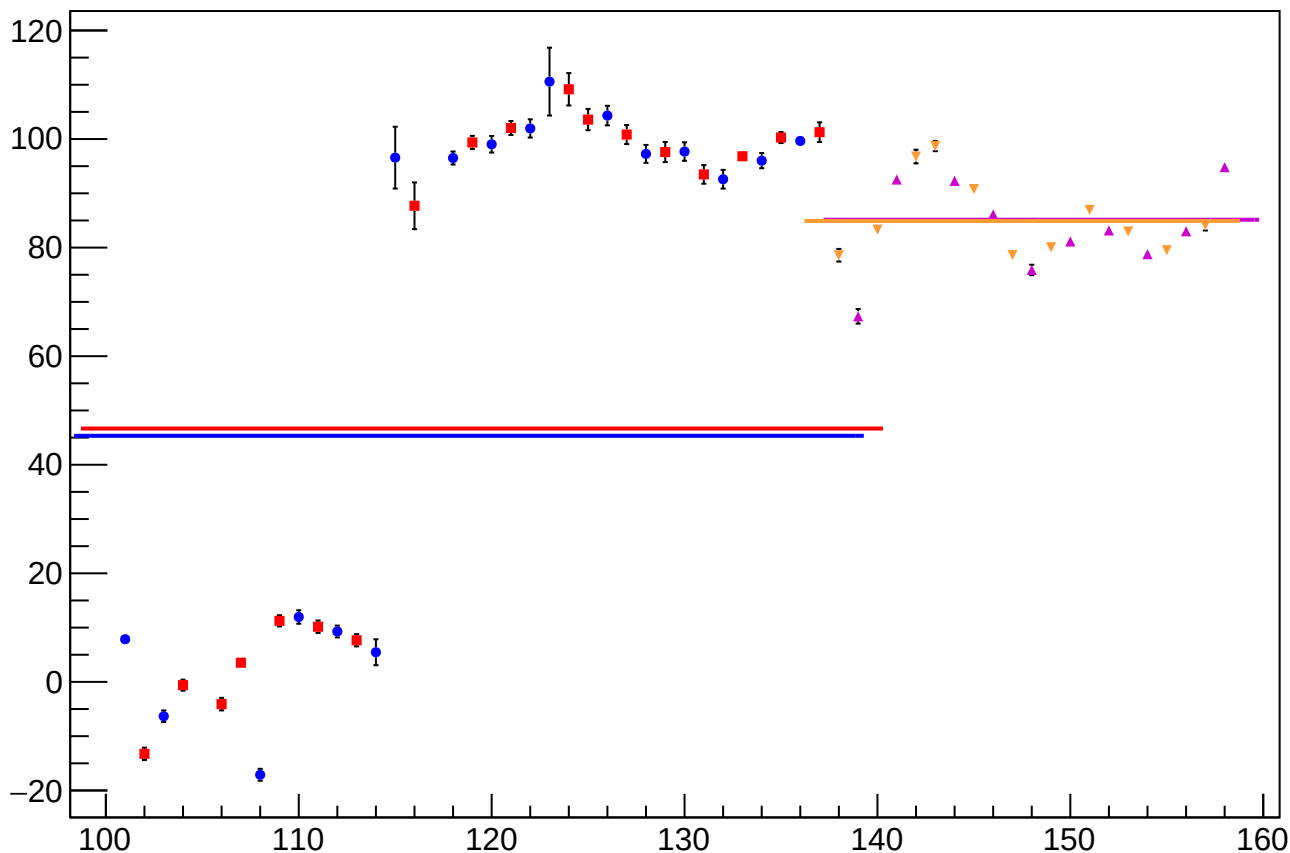
Right: 1.411 ± 0.313 $\chi^2/\text{NDF}: 273.5/34$

In: 4.803 ± 0.260 $\chi^2/\text{NDF}: 486.6/26$

Out: 5.571 ± 0.260 $\chi^2/\text{NDF}: 663.1/28$

All: 5.187 ± 0.184 $\chi^2/\text{NDF}: 1154.1/55$

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 45.331 $\pm$ 0.304 χ^2 /NDF: 25006.9/16

Left Out: 84.914 $\pm$ 0.279 χ^2 /NDF: 510.8/10

Right Out: 46.673 $\pm$ 0.291 χ^2 /NDF: 27896.8/17

Left In: 85.137 $\pm$ 0.276 χ^2 /NDF: 692.6/9

Left: 85.027 $\pm$ 0.196 χ^2 /NDF: 1203.7/20

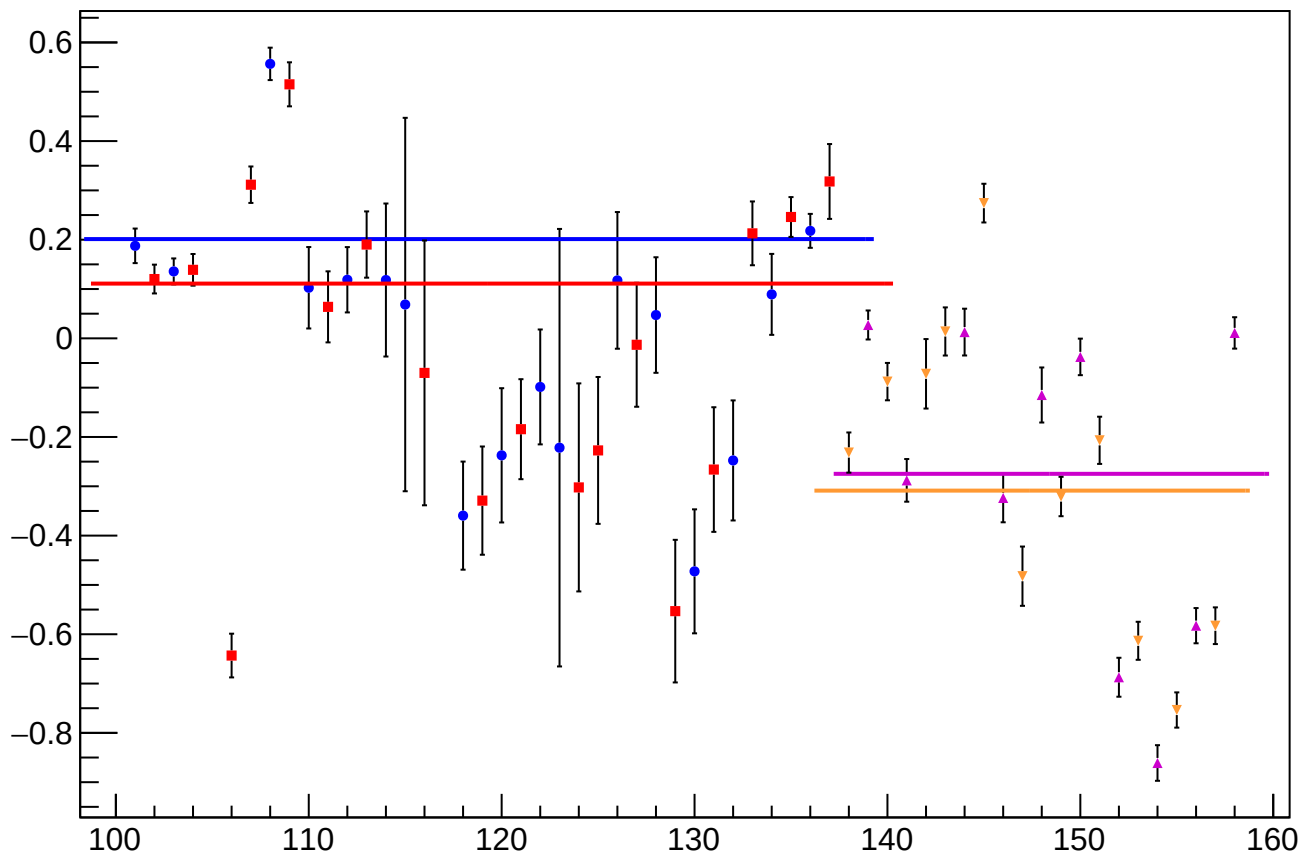
Right: 46.031 $\pm$ 0.210 χ^2 /NDF: 52913.9/34

In: 67.136 $\pm$ 0.204 χ^2 /NDF: 35116.5/26

Out: 66.571 $\pm$ 0.201 χ^2 /NDF: 37407.9/28

All: 66.850 $\pm$ 0.143 χ^2 /NDF: 72528.3/55

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.201 ± 0.014 χ^2/NDF : 217.3/16

Left Out: -0.309 ± 0.013 χ^2/NDF : 597.9/10

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: -0.291 ± 0.009 χ^2/NDF : 1321.3/20

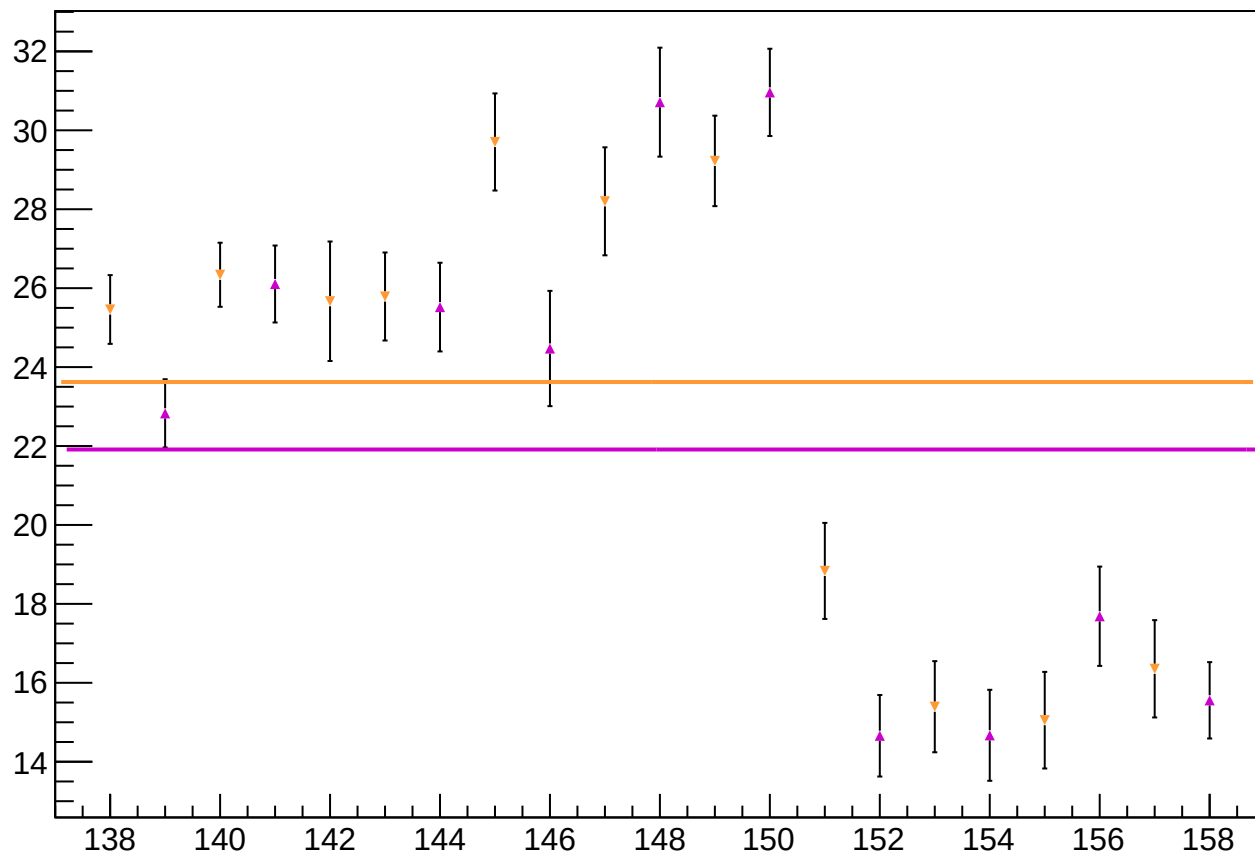
Right: 0.153 ± 0.010 χ^2/NDF : 728.8/34

In: -0.071 ± 0.009 χ^2/NDF : 1594.0/26

Out: -0.105 ± 0.009 χ^2/NDF : 1609.2/28

All: -0.088 ± 0.006 χ^2/NDF : 3210.0/55

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 23.622+/-0.337 χ^2/NDF :230.8/10

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: 22.787+/-0.241 χ^2/NDF : 527.2/20

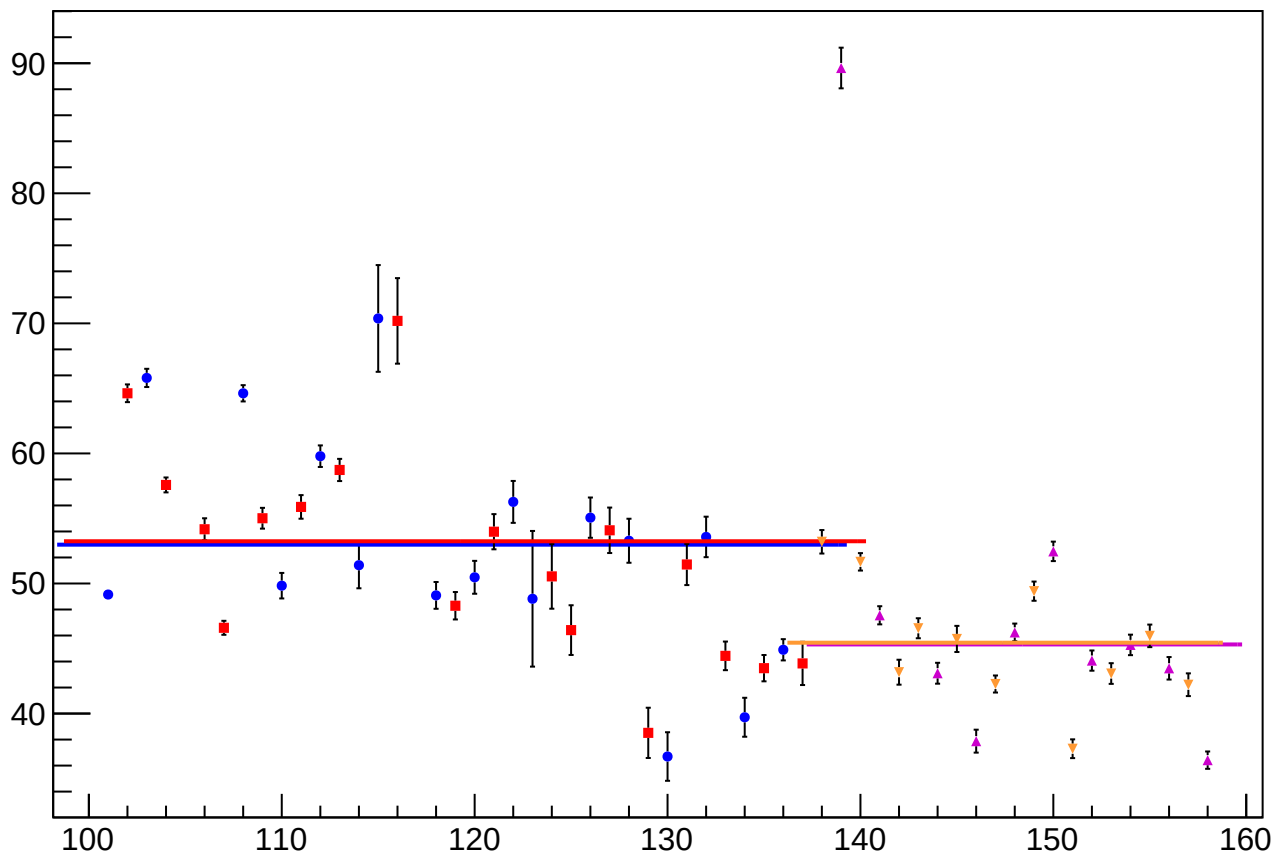
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 21.912+/-0.345 χ^2/NDF :283.8/9

Out: 23.622+/-0.337 χ^2/NDF :230.8/10

All: 22.787+/-0.241 χ^2/NDF : 527.2/20

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 52.985 $\pm$ 0.210 χ^2 /NDF: 1197.9/16

Left Out: 45.448 $\pm$ 0.239 χ^2 /NDF:370.4/10

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: 45.384 $\pm$ 0.172 χ^2 /NDF: 1541.5/20

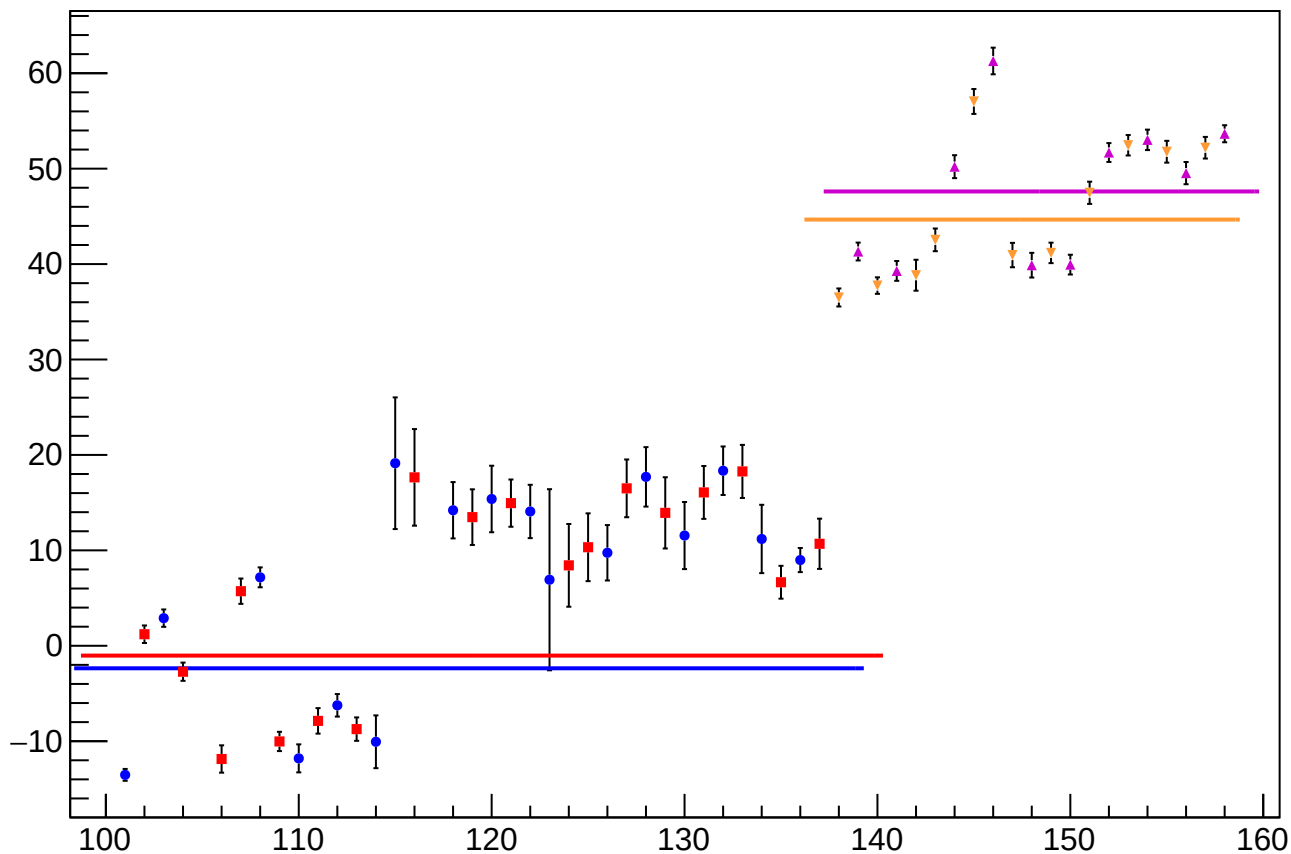
Right: 53.106 $\pm$ 0.154 χ^2 /NDF: 2055.0/34

In: 49.793 $\pm$ 0.161 χ^2 /NDF:2922.4/26

Out: 49.540 $\pm$ 0.165 χ^2 /NDF:1786.2/28

All: 49.670 $\pm$ 0.115 χ^2 /NDF: 4709.8/55

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.360 ± 0.364 χ^2/NDF : 837.7/16

Left Out: 44.664 ± 0.338 χ^2/NDF : 405.3/10

Right Out: -1.028 ± 0.380 χ^2/NDF : 507.8/17

Left In: 47.609 ± 0.339 χ^2/NDF : 392.1/9

Left: 46.130 ± 0.239 χ^2/NDF : 835.2/20

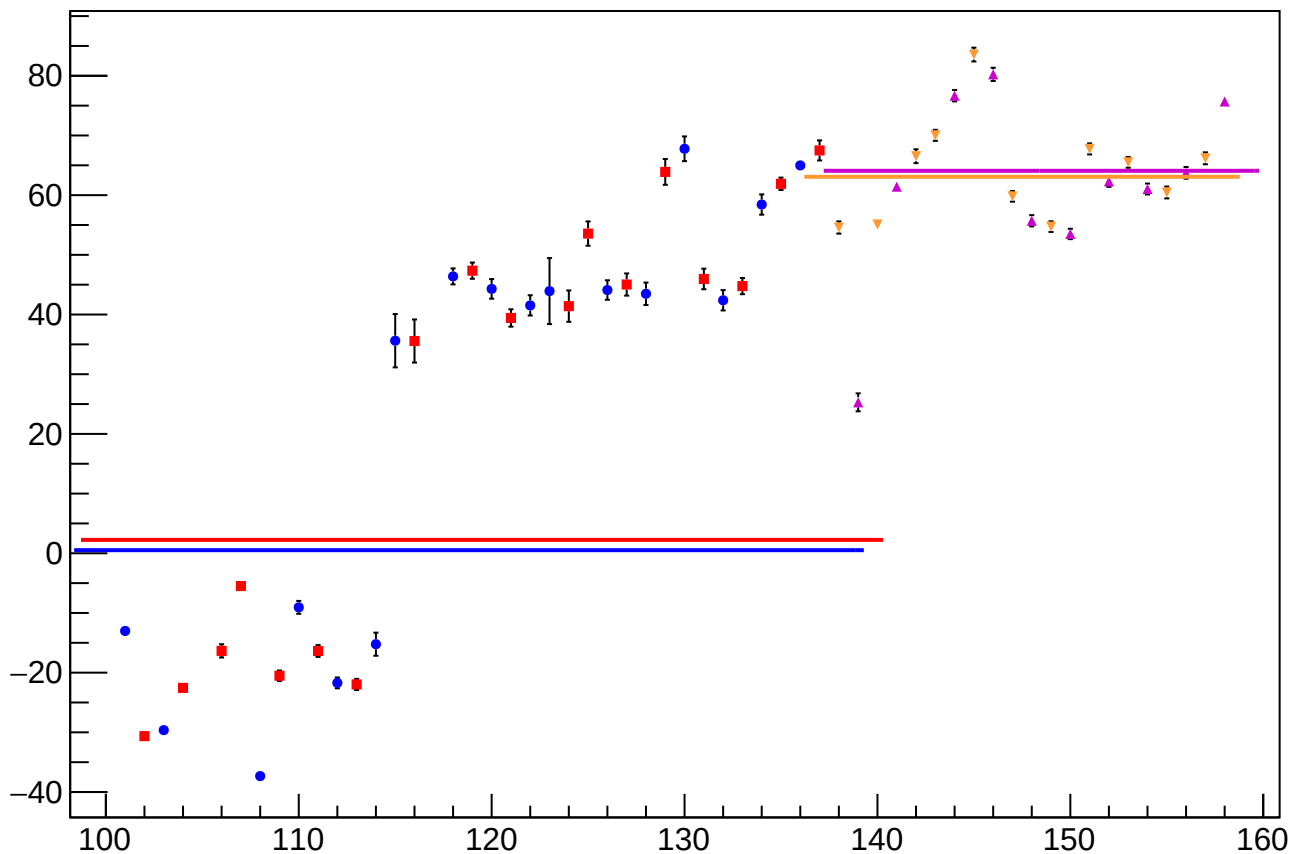
Right: -1.723 ± 0.263 χ^2/NDF : 1351.9/34

In: 24.397 ± 0.248 χ^2/NDF : 11313.3/26

Out: 24.514 ± 0.253 χ^2/NDF : 8984.6/28

All: 24.455 ± 0.177 χ^2/NDF : 20298.0/55

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.518+/-0.247 χ^2/NDF : 18386.0/16

Left Out: 63.076+/-0.288 χ^2/NDF : 696.6/10

Right Out: 2.246+/-0.267 χ^2/NDF : 15377.0/17

Left In: 64.082+/-0.292 χ^2/NDF : 1577.0/9

Left: 63.571+/-0.205 χ^2/NDF : 2279.7/20

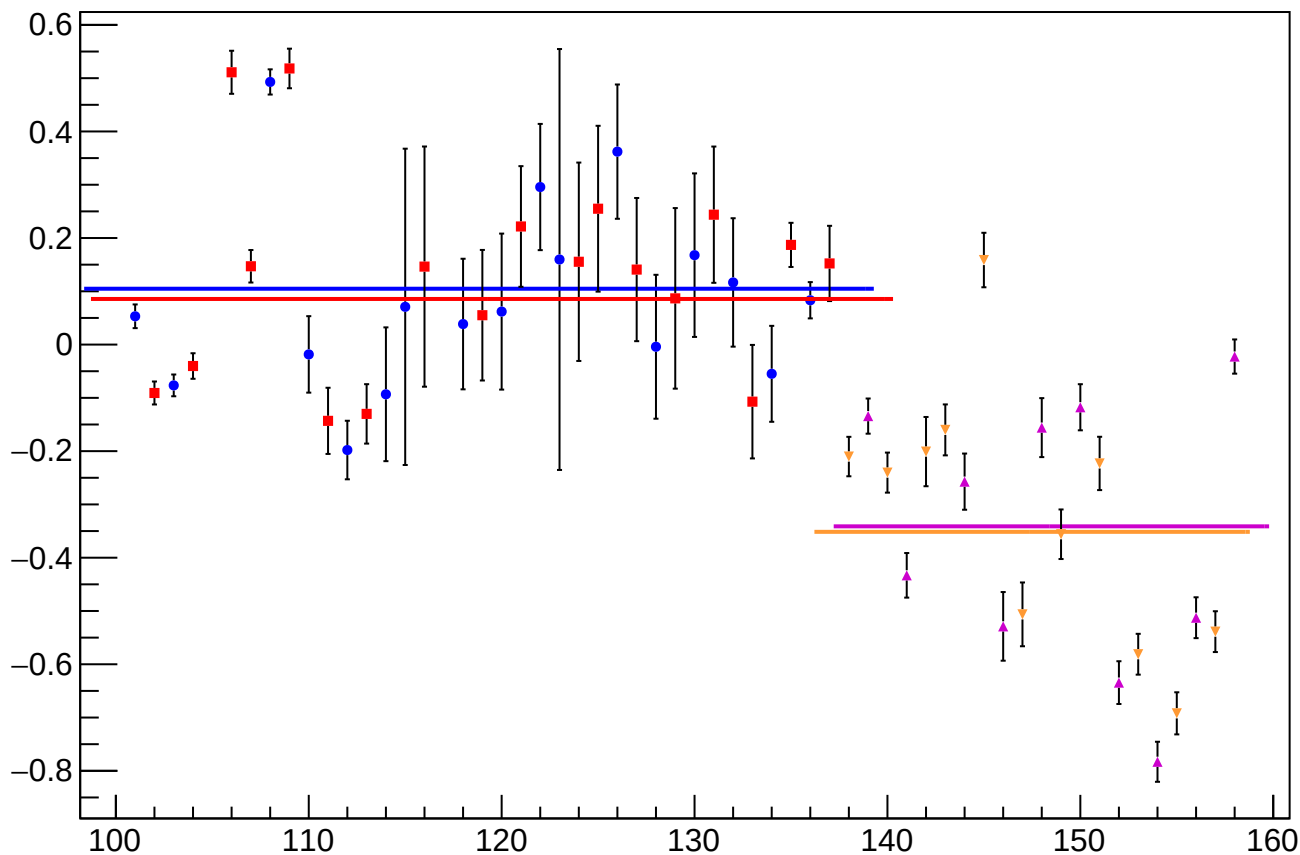
Right: 1.313+/-0.181 χ^2/NDF : 33785.6/34

In: 26.972+/-0.189 χ^2/NDF : 47541.1/26

Out: 30.402+/-0.196 χ^2/NDF : 40026.0/28

All: 28.622+/-0.136 χ^2/NDF : 87726.0/55

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: -0.351 ± 0.013 $\chi^2/\text{NDF}: 291.7/10$

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: -0.346 ± 0.009 $\chi^2/\text{NDF}: 695.3/20$

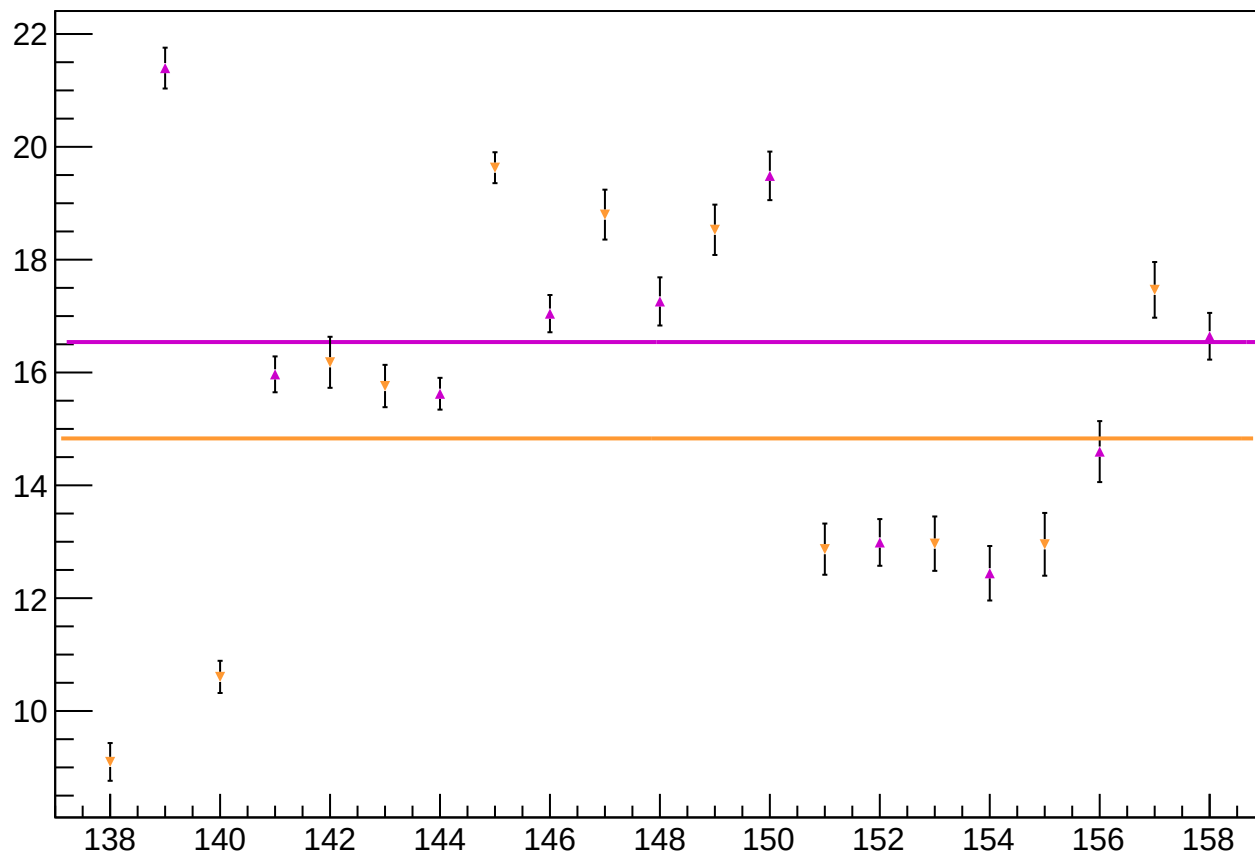
Right: 0.095 ± 0.008 $\chi^2/\text{NDF}: 790.6/34$

In: -0.082 ± 0.008 $\chi^2/\text{NDF}: 1488.9/26$

Out: -0.093 ± 0.009 $\chi^2/\text{NDF}: 1316.4/28$

All: -0.088 ± 0.006 $\chi^2/\text{NDF}: 2806.1/55$

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

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: 15.664+/-0.084 χ^2/NDF : 1565.8/20

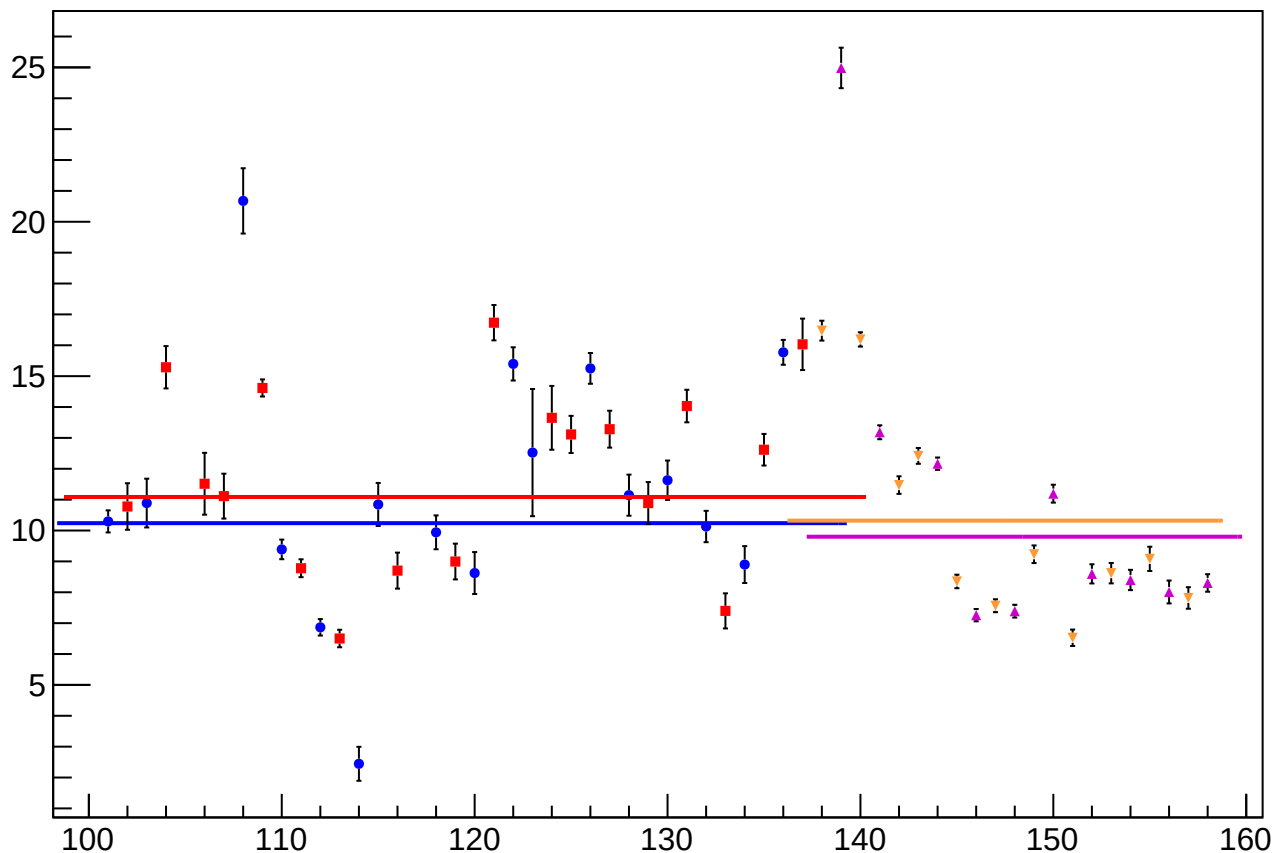
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 16.540+/-0.120 χ^2/NDF :404.4/9

Out: 14.831+/-0.117 χ^2/NDF :1057.4/10

All: 15.664+/-0.084 χ^2/NDF : 1565.8/20

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: 10.320 ± 0.082 $\chi^2/\text{NDF}: 1652.6/10$

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: 10.063 ± 0.058 $\chi^2/\text{NDF}: 2978.6/20$

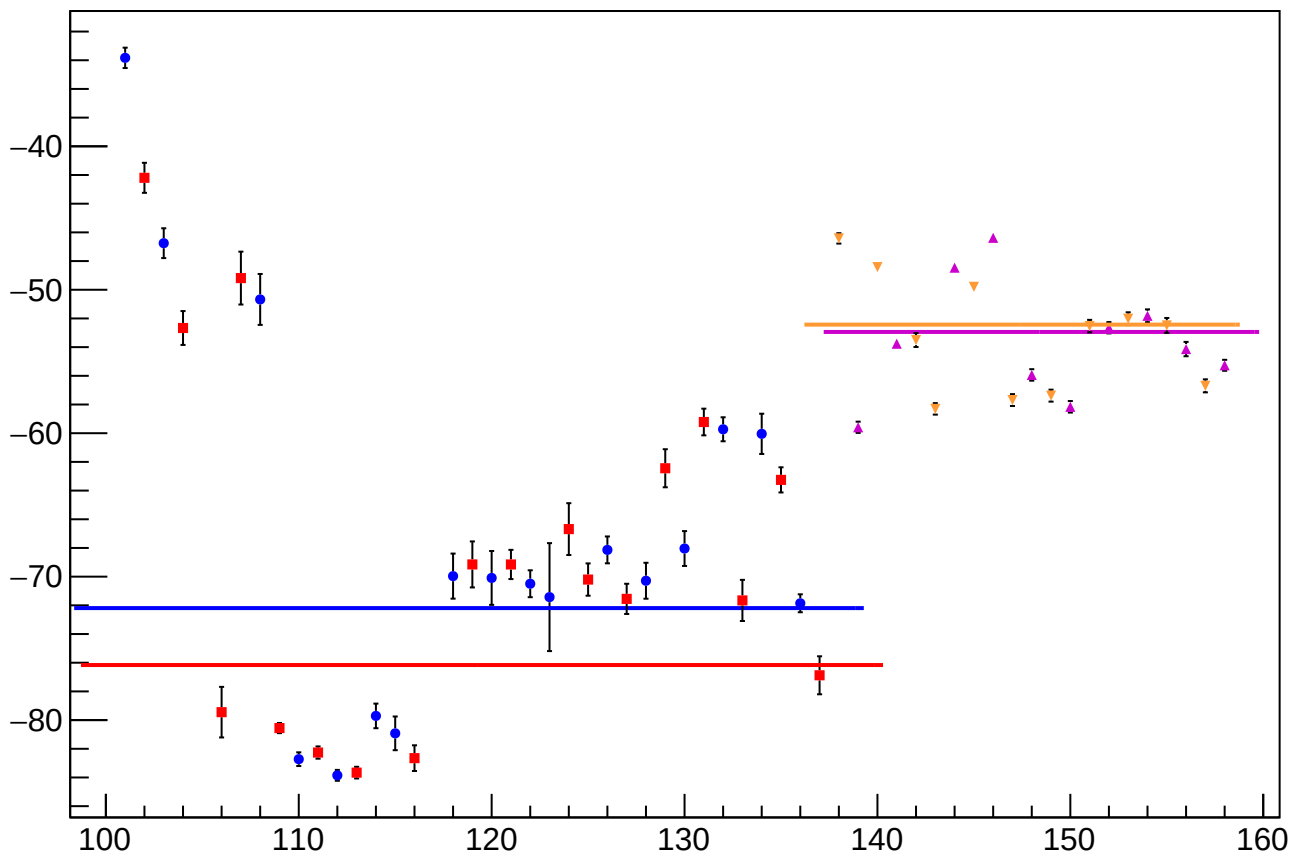
Right: 10.672 ± 0.083 $\chi^2/\text{NDF}: 1694.4/34$

In: 9.942 ± 0.068 $\chi^2/\text{NDF}: 2182.5/26$

Out: 10.573 ± 0.067 $\chi^2/\text{NDF}: 2482.6/28$

All: 10.262 ± 0.048 $\chi^2/\text{NDF}: 4709.0/55$

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: -52.431 ± 0.119 $\chi^2/\text{NDF}: 1142.9/10$

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: -52.685 ± 0.084 $\chi^2/\text{NDF}: 2369.4/20$

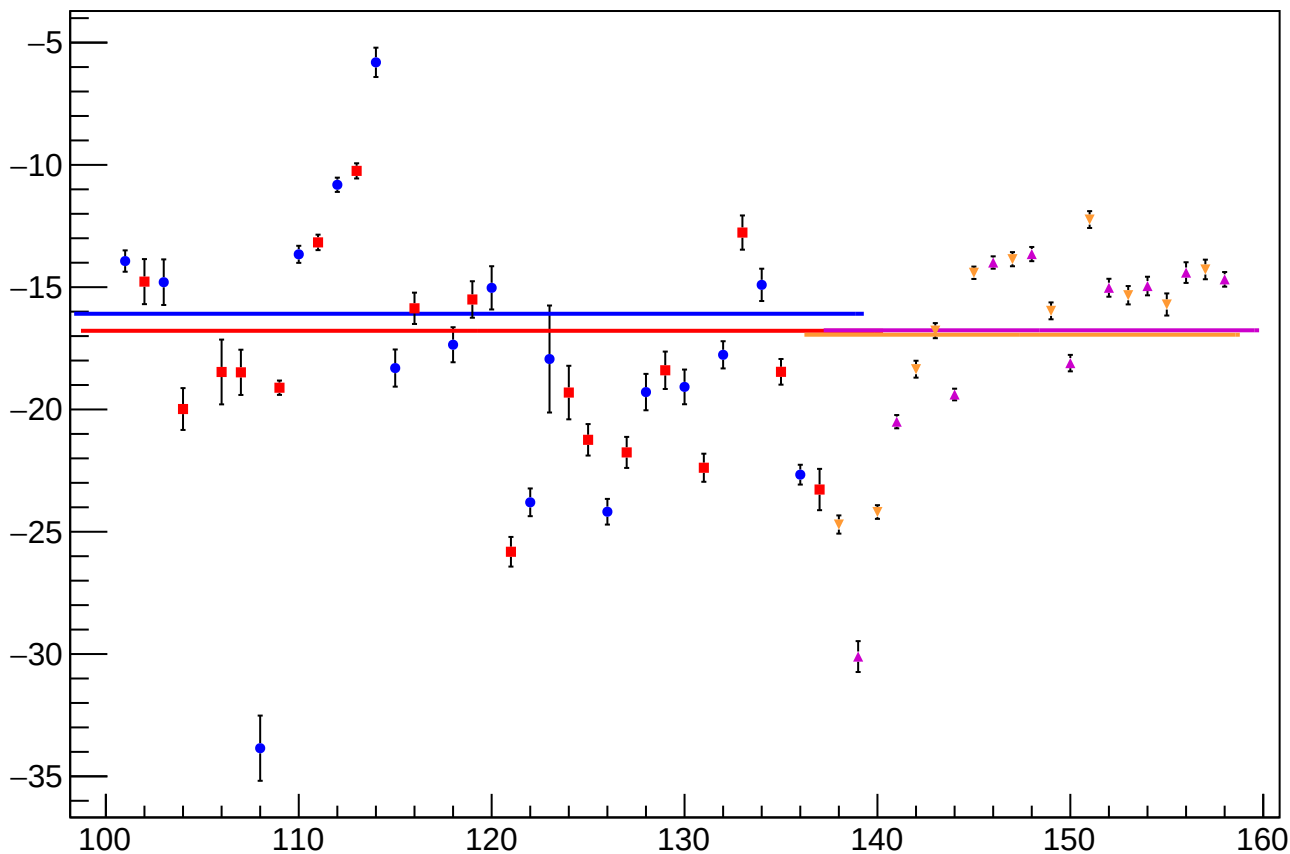
Right: -74.353 ± 0.134 $\chi^2/\text{NDF}: 9004.8/34$

In: -58.034 ± 0.102 $\chi^2/\text{NDF}: 13723.3/26$

Out: -59.545 ± 0.099 $\chi^2/\text{NDF}: 16371.1/28$

All: -58.810 ± 0.071 $\chi^2/\text{NDF}: 30207.3/55$

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: -16.944 ± 0.099 $\chi^2/\text{NDF}: 1601.3/10$

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: -16.854 ± 0.070 $\chi^2/\text{NDF}: 2735.0/20$

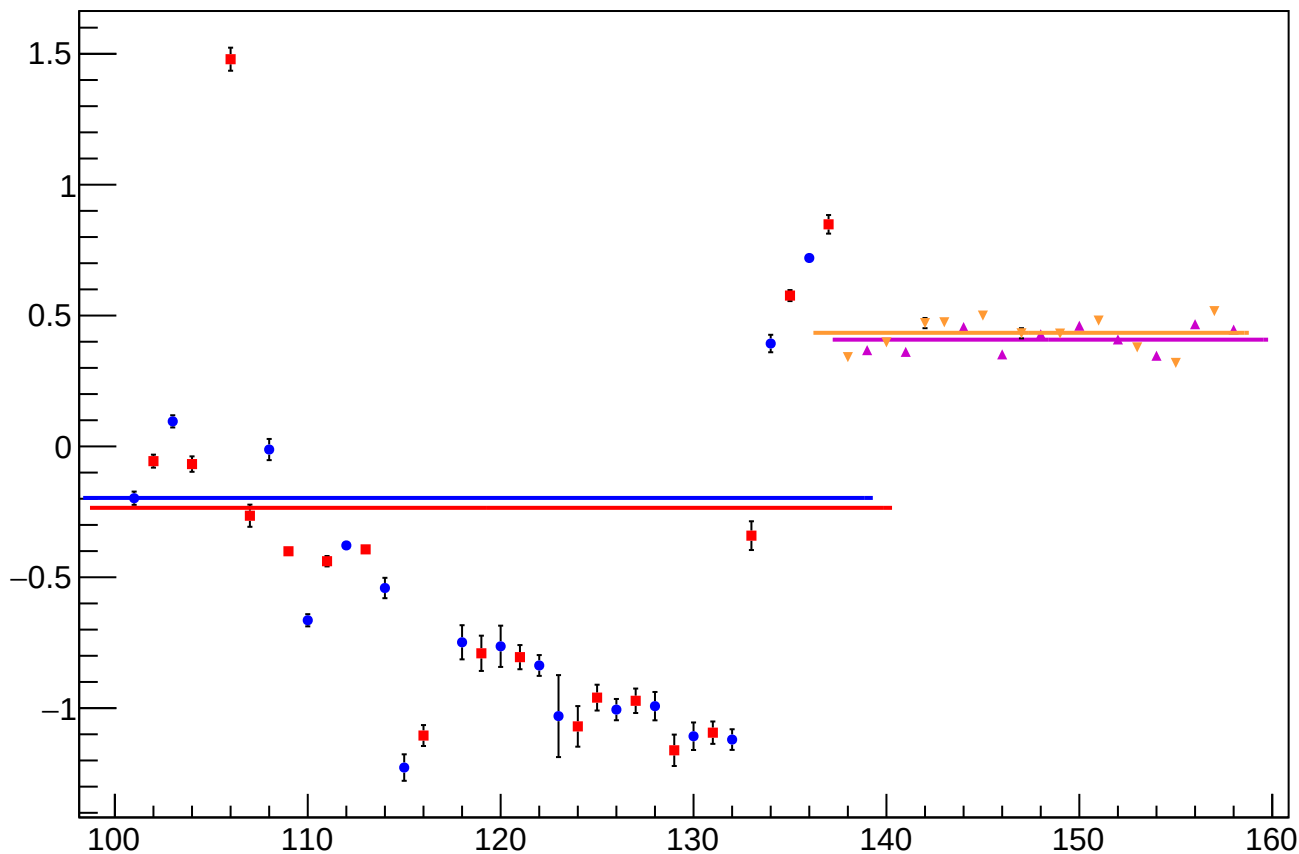
Right: -16.446 ± 0.092 $\chi^2/\text{NDF}: 2840.4/34$

In: -16.519 ± 0.080 $\chi^2/\text{NDF}: 2770.4/26$

Out: -16.884 ± 0.079 $\chi^2/\text{NDF}: 2806.7/28$

All: -16.704 ± 0.056 $\chi^2/\text{NDF}: 5587.8/55$

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.197 ± 0.008 χ^2/NDF : 6329.9/16

Left Out: 0.434 ± 0.005 χ^2/NDF : 180.3/10

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: 0.421 ± 0.003 χ^2/NDF : 290.9/20

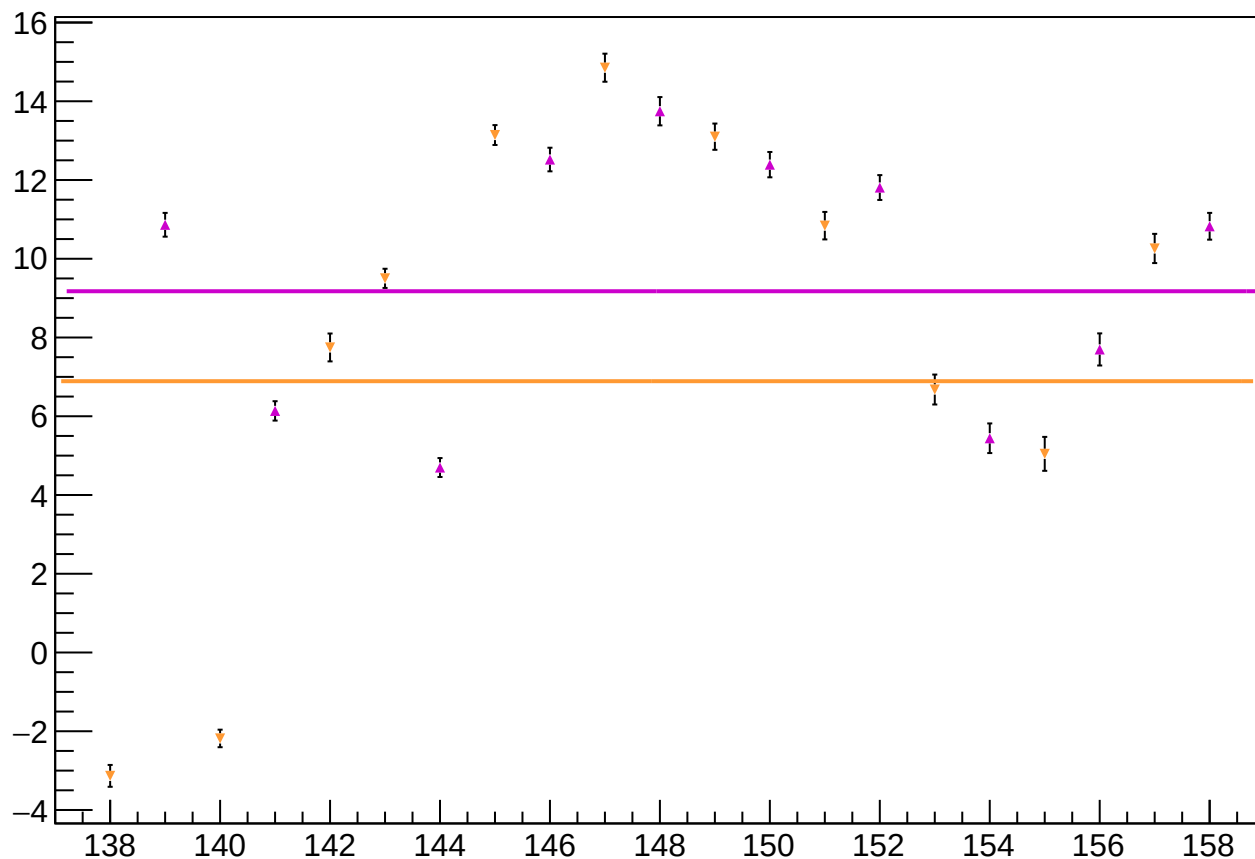
Right: -0.217 ± 0.005 χ^2/NDF : 12547.9/34

In: 0.238 ± 0.004 χ^2/NDF : 11036.0/26

Out: 0.231 ± 0.004 χ^2/NDF : 12412.6/28

All: 0.234 ± 0.003 χ^2/NDF : 23449.9/55

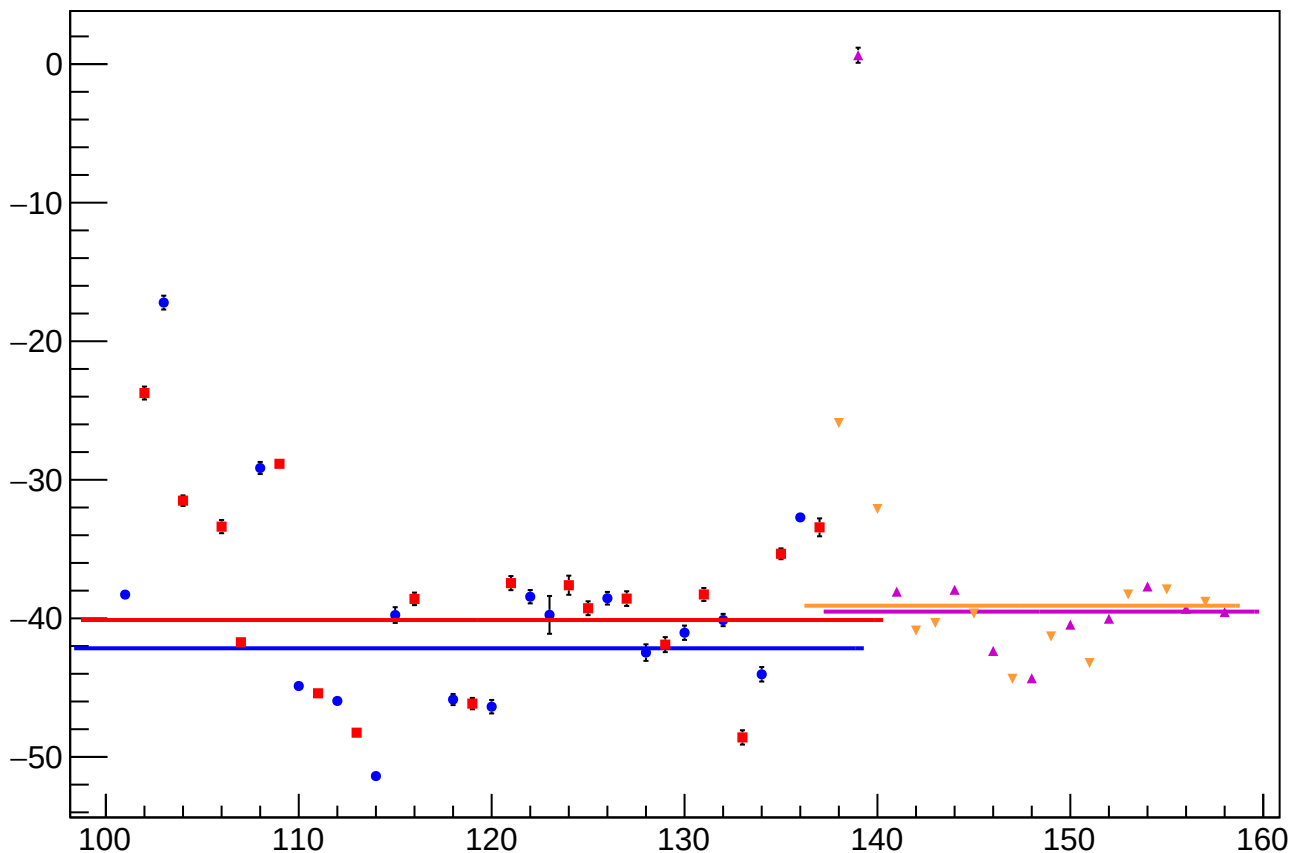
reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 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: 7.965+/-0.067 χ^2/NDF : 6185.1/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 9.175+/-0.098 χ^2/NDF :1121.3/9
 Out: 6.890+/-0.092 χ^2/NDF :4773.3/10
 All: 7.965+/-0.067 χ^2/NDF : 6185.1/20

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.160 $\pm$ 0.078 χ^2 /NDF: 6570.6/16

Left Out: -39.087 $\pm$ 0.064 χ^2 /NDF: 5513.9/10

Right Out: -40.120 $\pm$ 0.073 χ^2 /NDF: 10884.6/17

Left In: -39.513 $\pm$ 0.068 χ^2 /NDF: 6643.4/9

Left: -39.287 $\pm$ 0.047 χ^2 /NDF: 12178.1/20

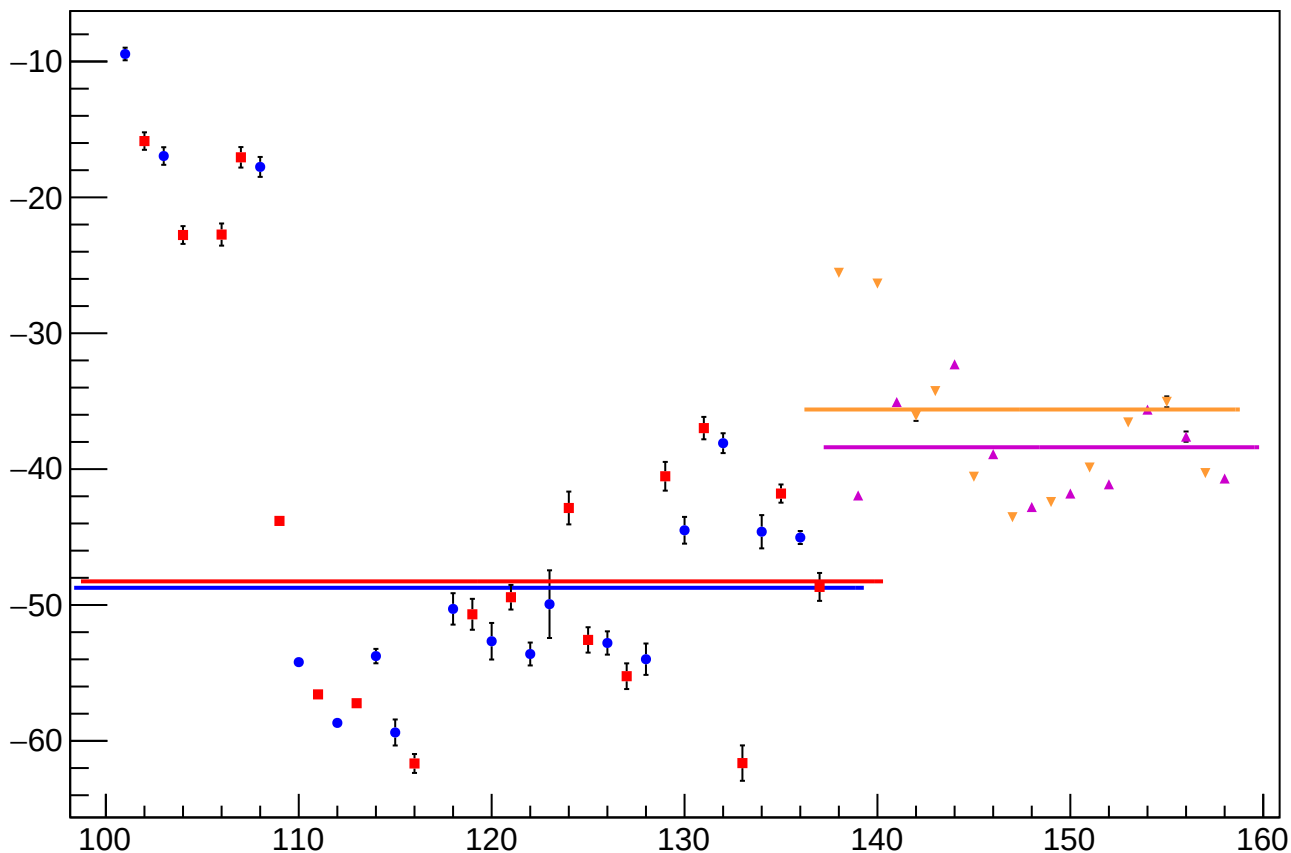
Right: -41.071 $\pm$ 0.053 χ^2 /NDF: 17821.0/34

In: -40.656 $\pm$ 0.051 χ^2 /NDF: 13869.6/26

Out: -39.537 $\pm$ 0.048 χ^2 /NDF: 16512.0/28

All: -40.061 $\pm$ 0.035 χ^2 /NDF: 30635.6/55

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.733 $\pm$ 0.125 χ^2 /NDF: 14659.4/16

Left Out: -35.612 $\pm$ 0.093 χ^2 /NDF: 4418.8/10

Right Out: -48.261 $\pm$ 0.107 χ^2 /NDF: 11091.7/17

Left In: -38.390 $\pm$ 0.097 χ^2 /NDF: 1346.2/9

Left: -36.949 $\pm$ 0.067 χ^2 /NDF: 6194.3/20

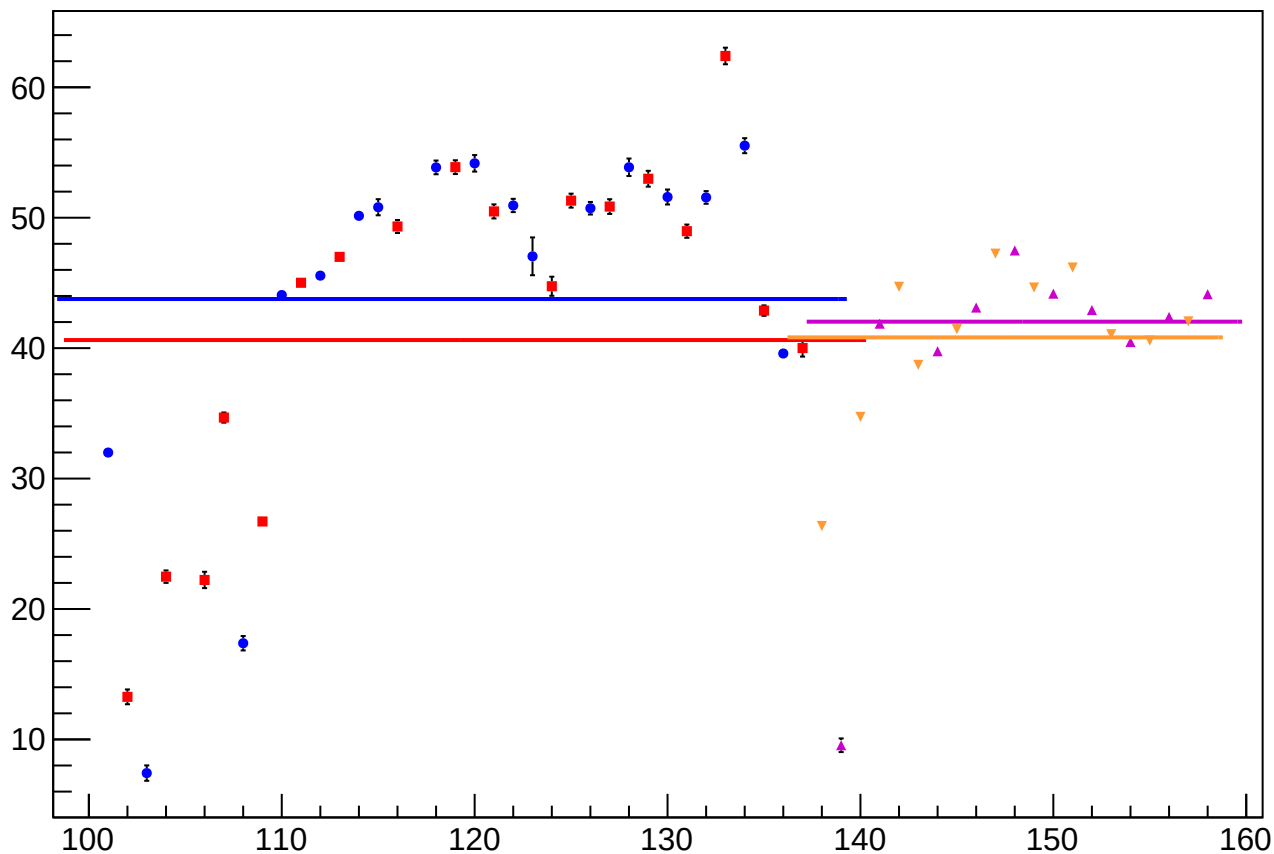
Right: -48.462 $\pm$ 0.081 χ^2 /NDF: 25759.4/34

In: -42.267 $\pm$ 0.076 χ^2 /NDF: 20308.1/26

Out: -41.031 $\pm$ 0.070 χ^2 /NDF: 23432.4/28

All: -41.598 $\pm$ 0.052 χ^2 /NDF: 43882.2/55

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.767 $\pm$ 0.087 χ^2 /NDF: 10633.5/16

Left Out: 40.825 $\pm$ 0.078 χ^2 /NDF: 4663.8/10

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: 41.401 $\pm$ 0.056 χ^2 /NDF: 9443.7/20

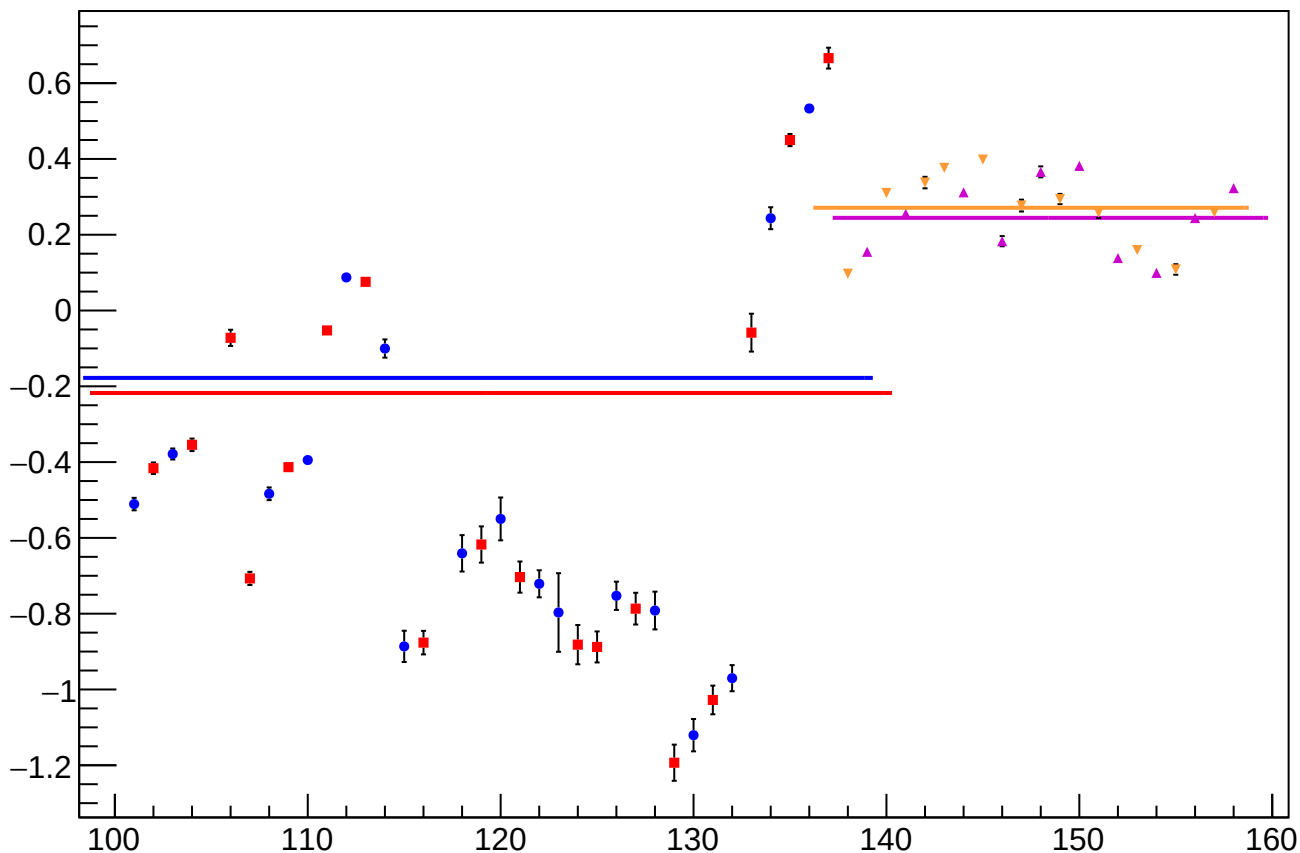
Right: 42.070 $\pm$ 0.059 χ^2 /NDF: 28299.2/34

In: 42.841 $\pm$ 0.059 χ^2 /NDF: 15511.9/26

Out: 40.726 $\pm$ 0.056 χ^2 /NDF: 21624.6/28

All: 41.719 $\pm$ 0.041 χ^2 /NDF: 37810.6/55

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.178 ± 0.005 χ^2/NDF : 7364.4/16

Left Out: 0.271 ± 0.004 χ^2/NDF : 713.1/10

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 : 1308.2/20

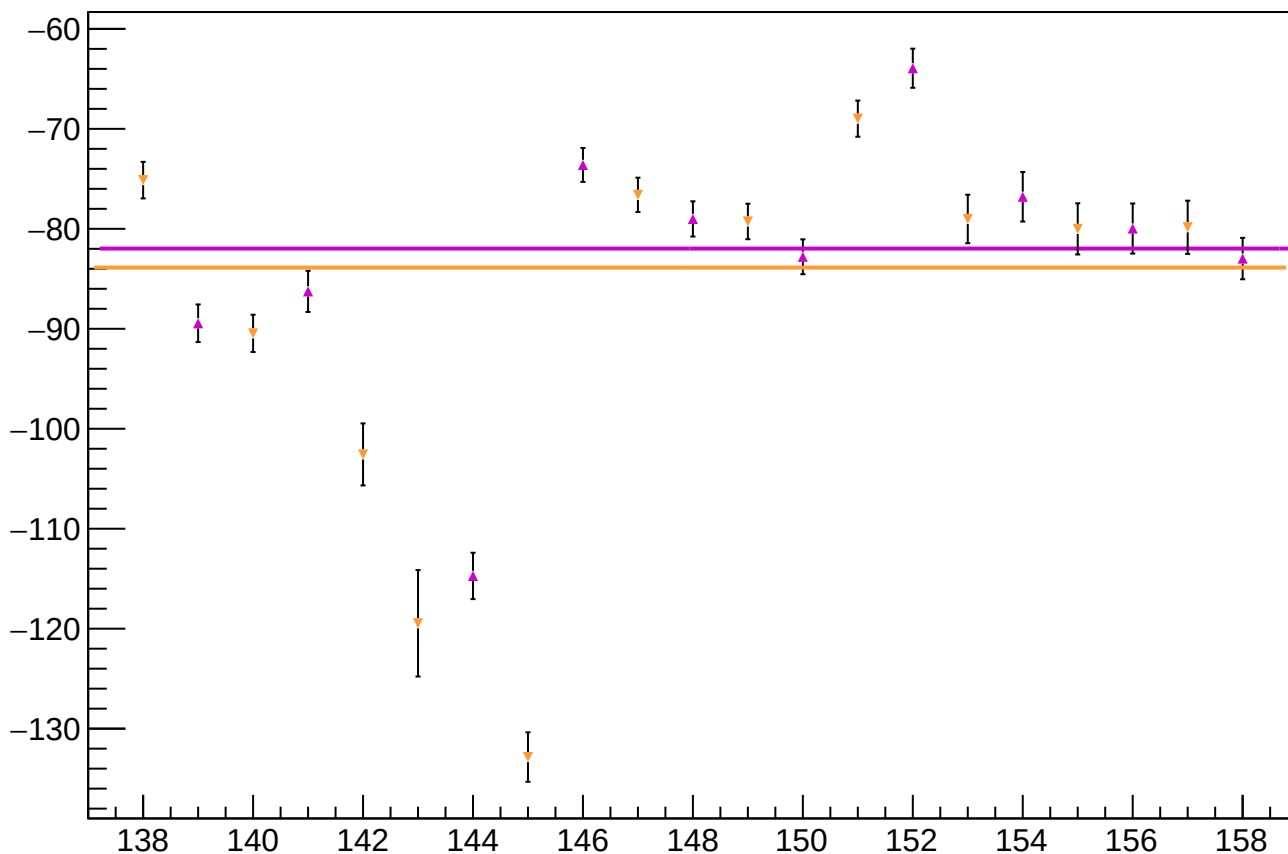
Right: -0.200 ± 0.003 χ^2/NDF : 14857.8/34

In: 0.083 ± 0.003 χ^2/NDF : 12626.3/26

Out: 0.063 ± 0.003 χ^2/NDF : 15534.9/28

All: 0.072 ± 0.002 χ^2/NDF : 28184.7/55

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -83.875+/-0.657 χ^2/NDF : 608.5/10

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: -82.885+/-0.455 χ^2/NDF : 950.1/20

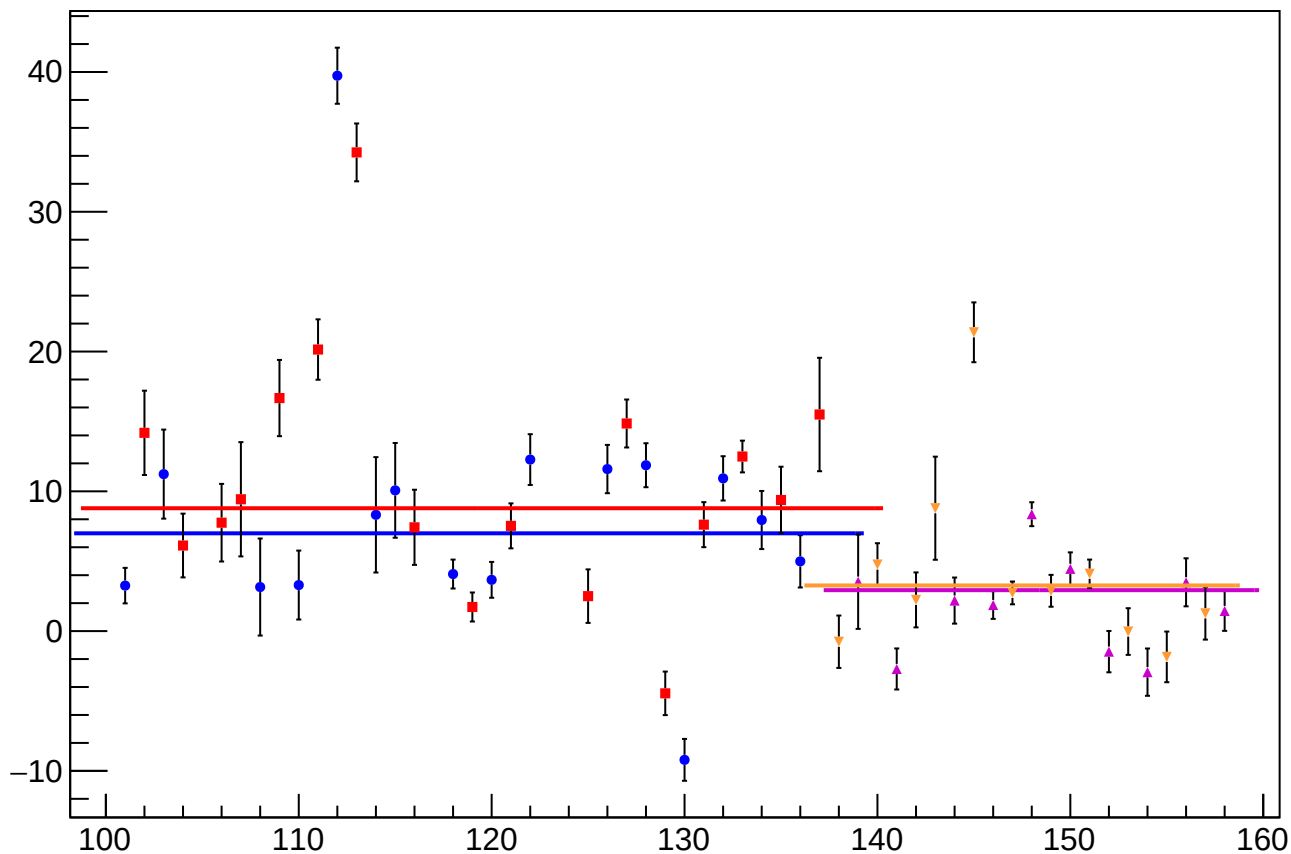
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -81.975+/-0.630 χ^2/NDF : 337.2/9

Out: -83.875+/-0.657 χ^2/NDF : 608.5/10

All: -82.885+/-0.455 χ^2/NDF : 950.1/20

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.996 $\pm$ 0.434 χ^2 /NDF: 445.3/15

Left Out: 3.266 $\pm$ 0.428 χ^2 /NDF:93.9/10

Right Out: 8.790 $\pm$ 0.449 χ^2 /NDF: 348.8/16

Left In: 2.928 $\pm$ 0.420 χ^2 /NDF:80.1/9

Left: 3.094 $\pm$ 0.300 χ^2 /NDF: 174.4/20

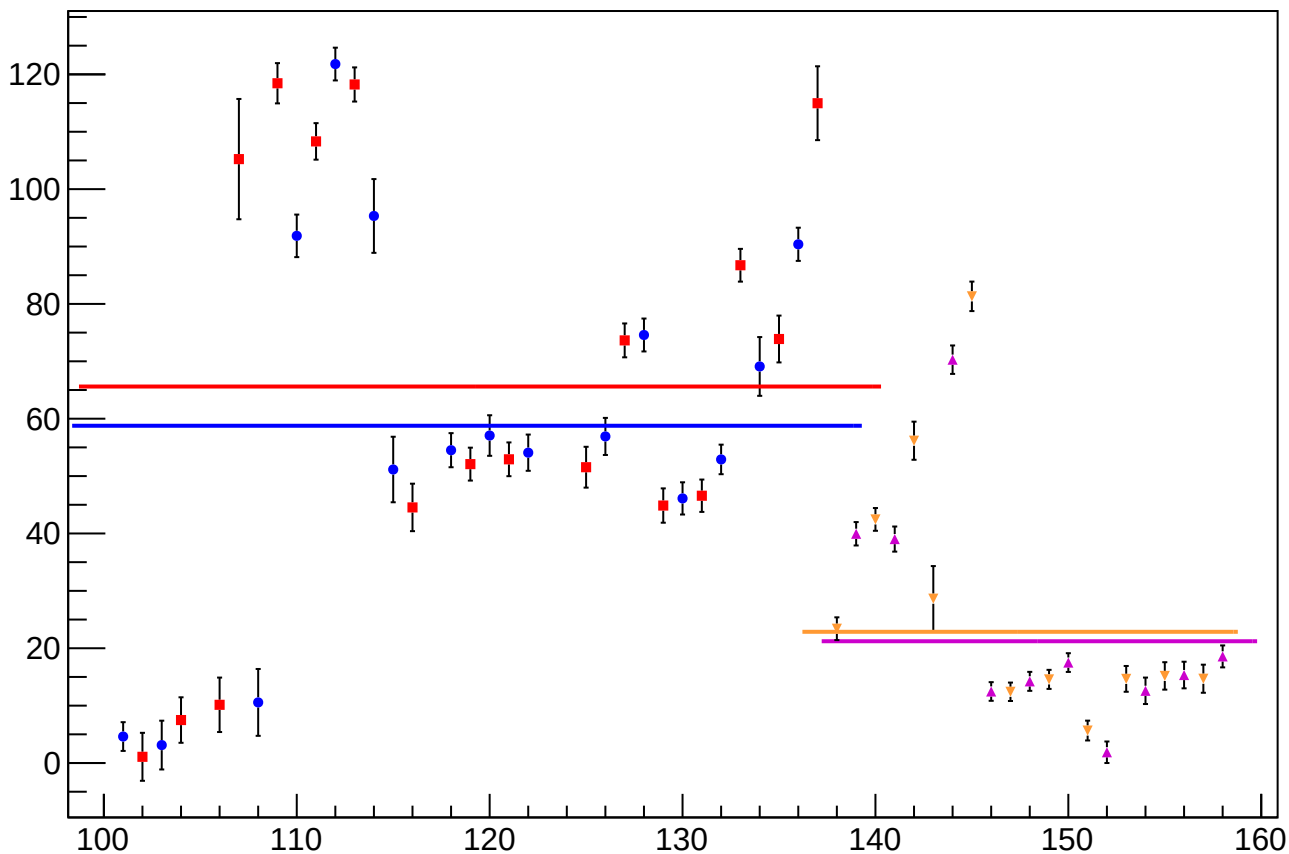
Right: 7.862 $\pm$ 0.312 χ^2 /NDF: 802.4/32

In: 4.896 $\pm$ 0.302 χ^2 /NDF:570.8/25

Out: 5.892 $\pm$ 0.310 χ^2 /NDF:522.0/27

All: 5.381 $\pm$ 0.216 χ^2 /NDF: 1098.1/53

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: 22.867 $\pm$ 0.644 χ^2 /NDF:918.2/10

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: 22.003 $\pm$ 0.444 χ^2 /NDF: 1645.1/20

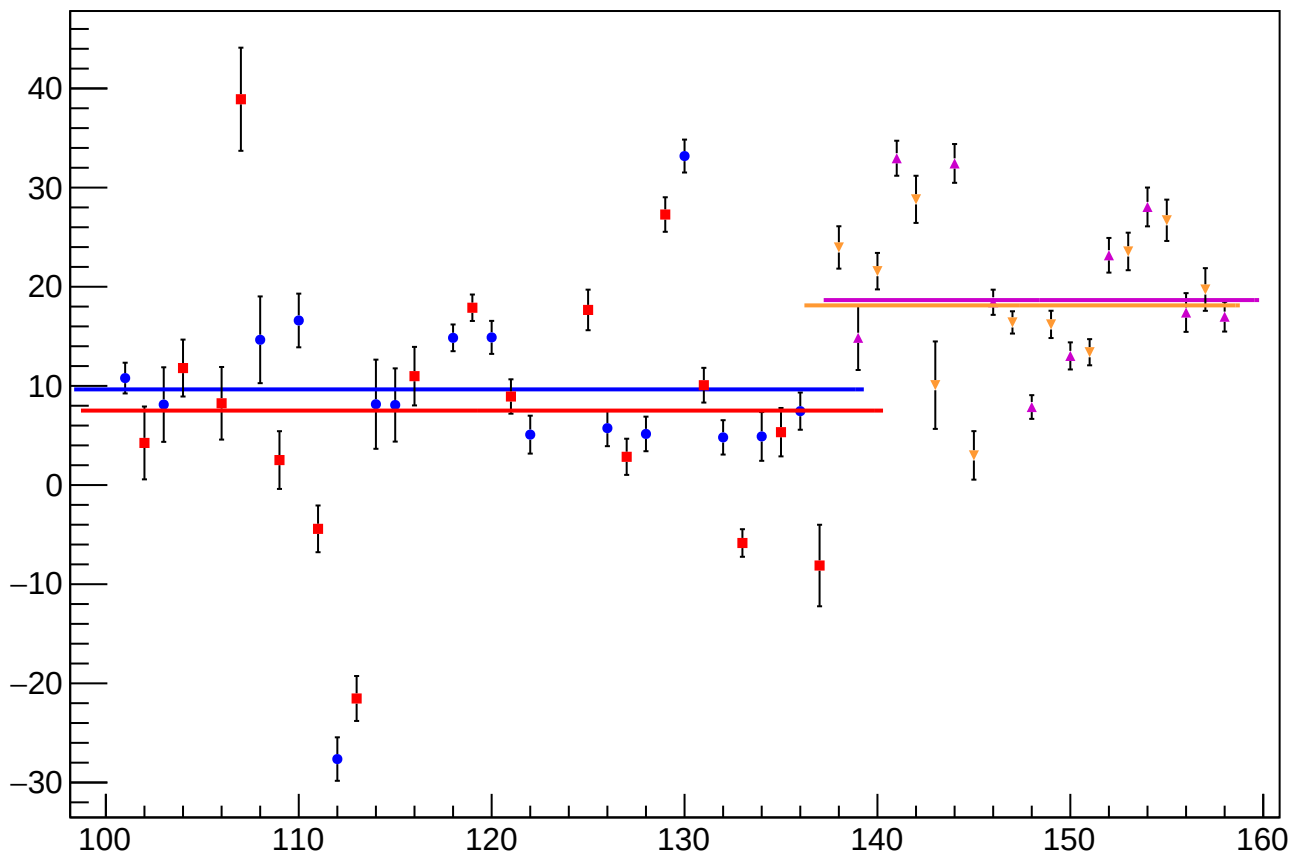
Right: 62.140 $\pm$ 0.593 χ^2 /NDF: 3151.9/32

In: 34.403 $\pm$ 0.493 χ^2 /NDF:3535.6/25

Out: 38.592 $\pm$ 0.512 χ^2 /NDF:4161.6/27

All: 36.419 $\pm$ 0.355 χ^2 /NDF: 7731.8/53

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.648 ± 0.502 χ^2/NDF : 553.6/15

Left Out: 18.120 ± 0.532 χ^2/NDF : 115.7/10

Right Out: 7.511 ± 0.516 χ^2/NDF : 564.3/16

Left In: 18.656 ± 0.511 χ^2/NDF : 246.3/9

Left: 18.399 ± 0.369 χ^2/NDF : 362.4/20

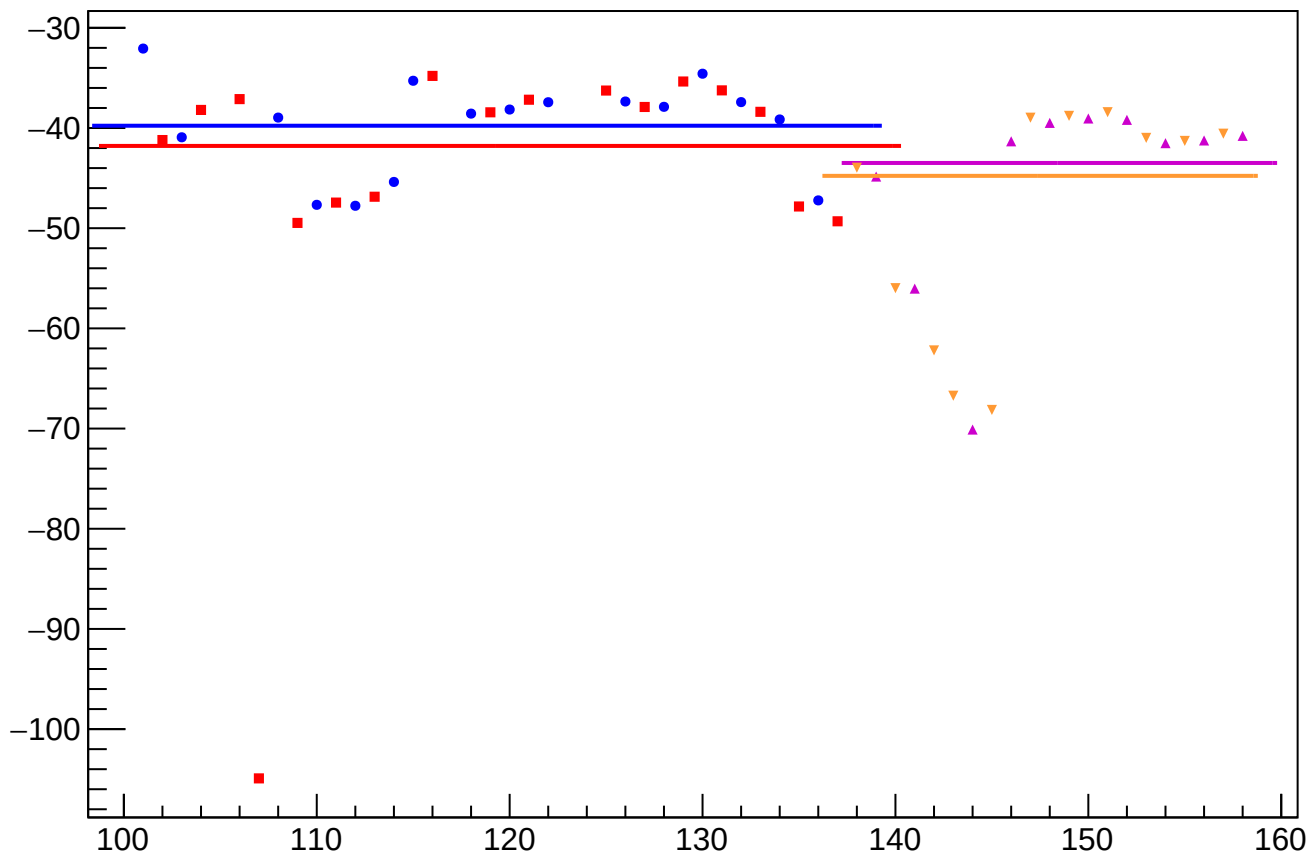
Right: 8.610 ± 0.360 χ^2/NDF : 1126.7/32

In: 14.069 ± 0.358 χ^2/NDF : 957.8/25

Out: 12.656 ± 0.371 χ^2/NDF : 884.6/27

All: 13.387 ± 0.258 χ^2/NDF : 1850.0/53

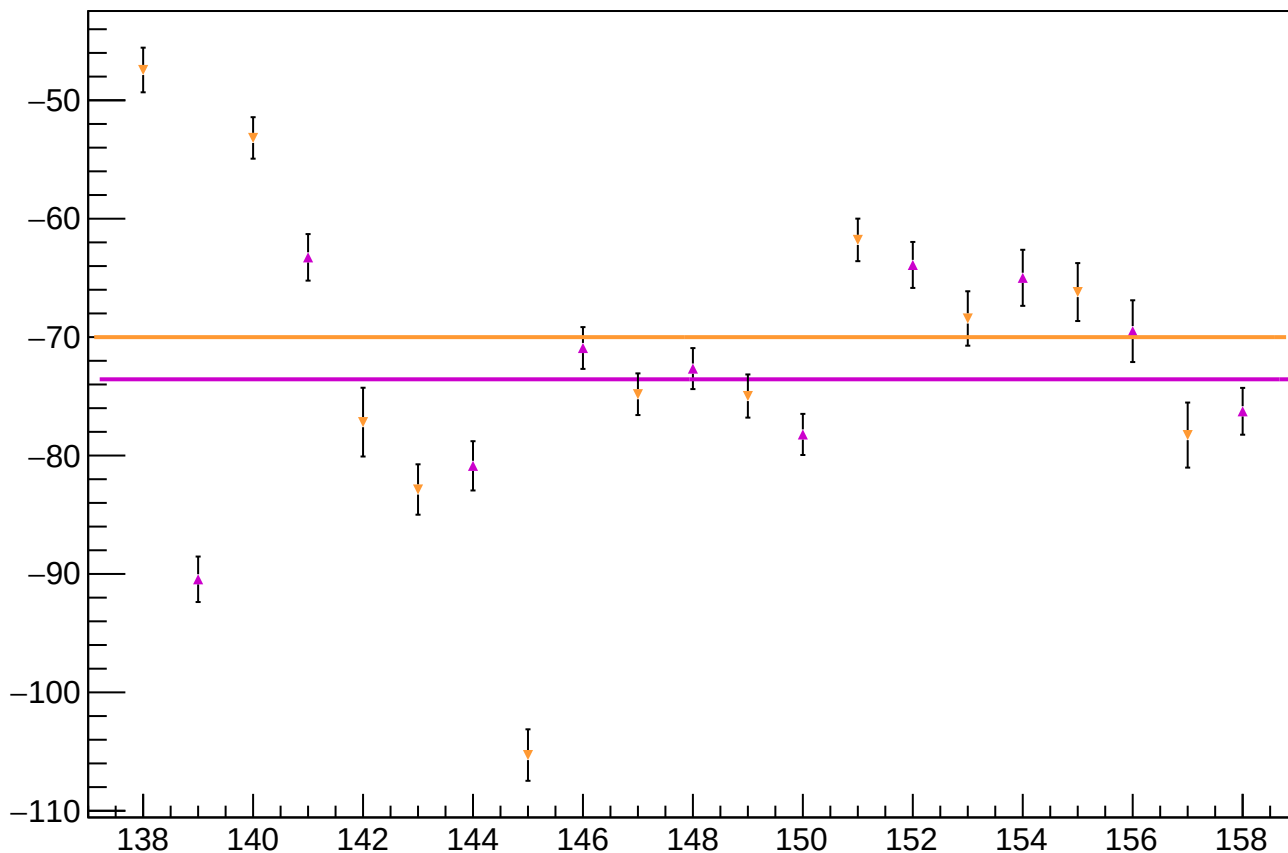
reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.771 ± 0.031 $\chi^2/\text{NDF}: 26176.5/15$
 Left Out: -44.775 ± 0.026 $\chi^2/\text{NDF}: 122552.3/10$
 Right Out: -41.787 ± 0.031 $\chi^2/\text{NDF}: 93008.7/16$
 Left In: -43.488 ± 0.024 $\chi^2/\text{NDF}: 94731.5/9$

Left: -44.082 ± 0.018 $\chi^2/\text{NDF}: 218587.1/20$
 Right: -40.769 ± 0.022 $\chi^2/\text{NDF}: 121265.0/32$
 In: -42.085 ± 0.019 $\chi^2/\text{NDF}: 129796.6/25$
 Out: -43.552 ± 0.020 $\chi^2/\text{NDF}: 220906.9/27$
 All: -42.781 ± 0.014 $\chi^2/\text{NDF}: 353501.2/53$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -70.002 ± 0.622 χ^2/NDF : 589.5/10

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: -71.787 ± 0.440 χ^2/NDF : 774.9/20

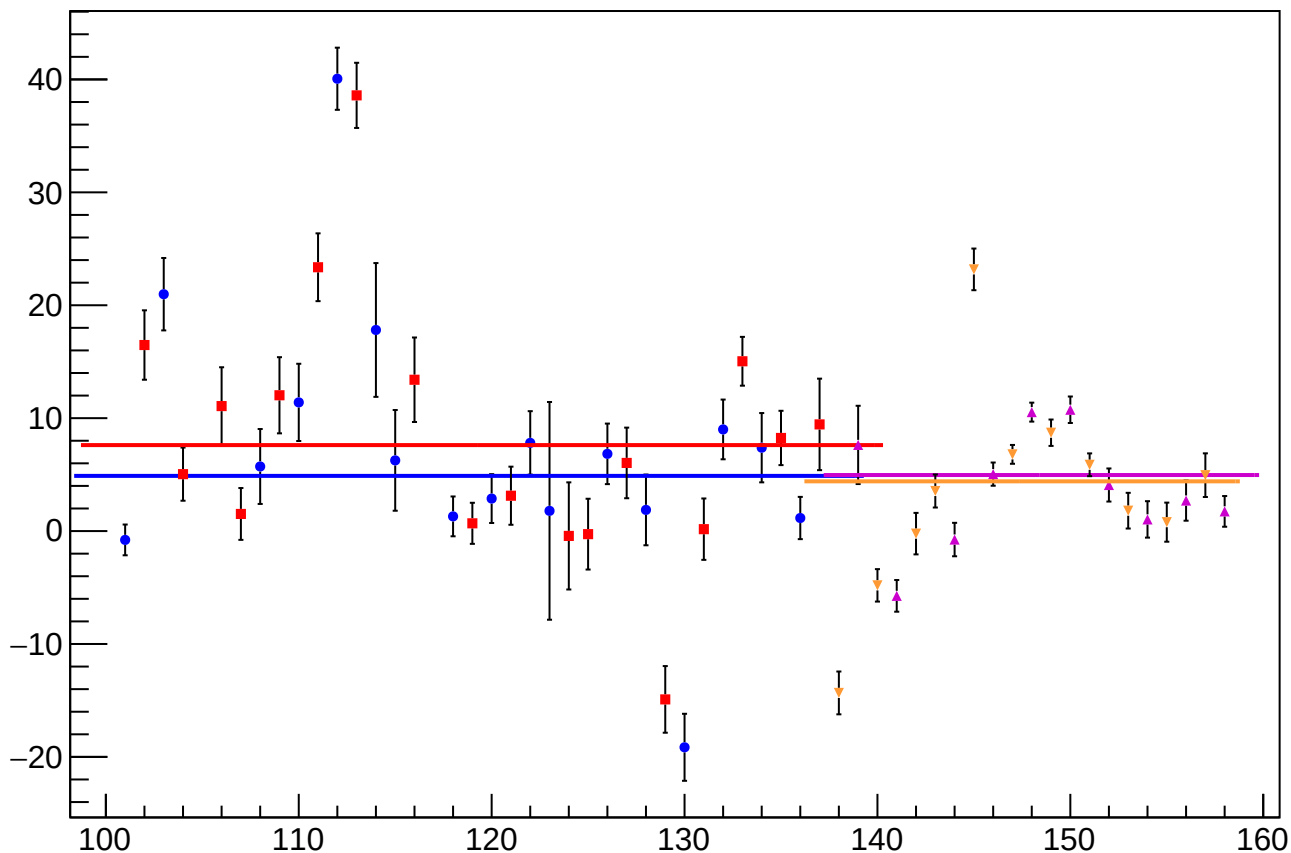
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -73.563 ± 0.621 χ^2/NDF : 169.0/9

Out: -70.002 ± 0.622 χ^2/NDF : 589.5/10

All: -71.787 ± 0.440 χ^2/NDF : 774.9/20

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.888 ± 0.622 χ^2/NDF : 294.7/16

Left Out: 4.405 ± 0.409 χ^2/NDF : 280.0/10

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: 4.681 ± 0.291 χ^2/NDF : 436.5/20

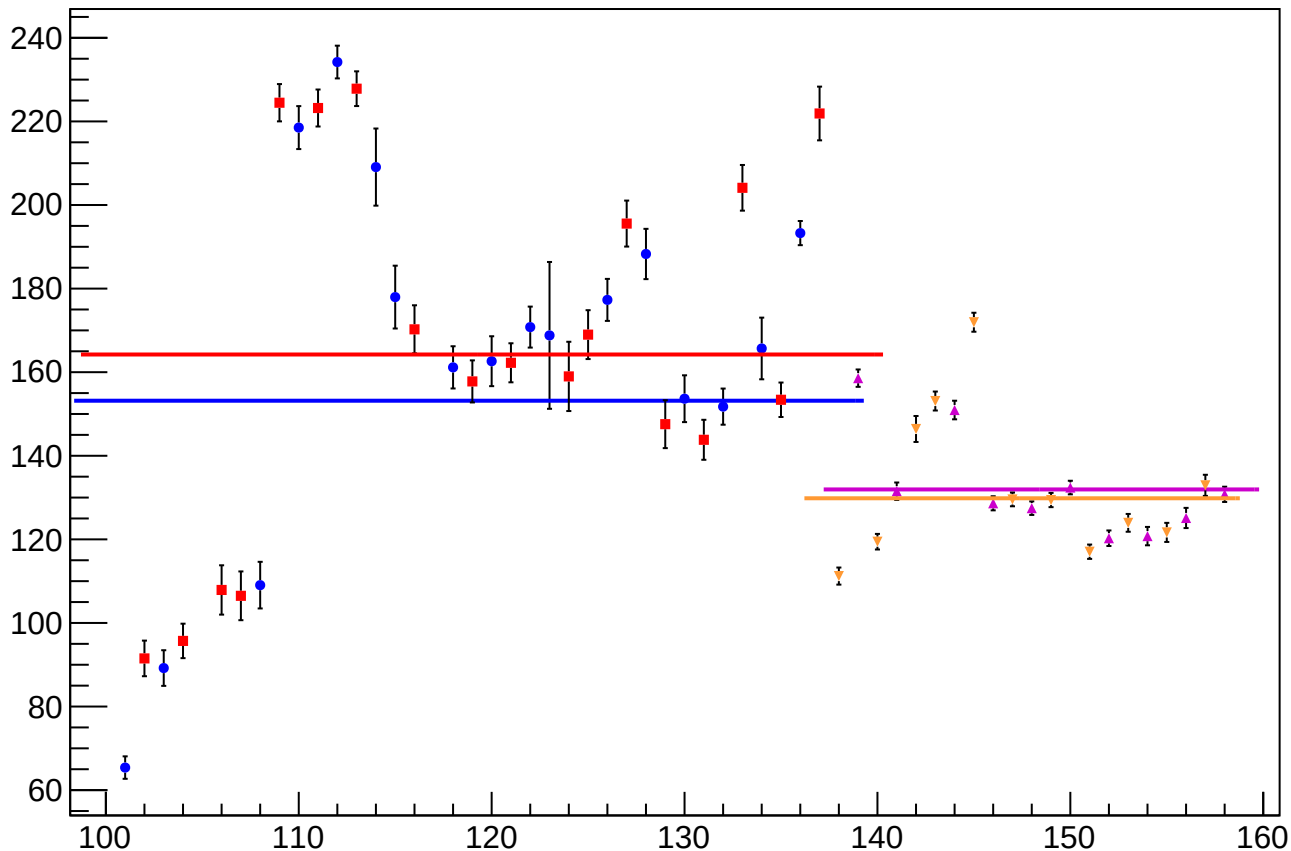
Right: 6.187 ± 0.450 χ^2/NDF : 573.1/34

In: 4.940 ± 0.344 χ^2/NDF : 450.3/26

Out: 5.312 ± 0.347 χ^2/NDF : 566.6/28

All: 5.125 ± 0.244 χ^2/NDF : 1017.4/55

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 153.174+/-1.146 χ^2/NDF : 2264.3/16

Left Out: 129.831+/-0.615 χ^2/NDF : 669.5/10

Right Out: 164.232+/-1.183 χ^2/NDF : 1554.8/17

Left In: 131.947+/-0.604 χ^2/NDF : 322.2/9

Left: 130.908+/-0.431 χ^2/NDF : 997.7/20

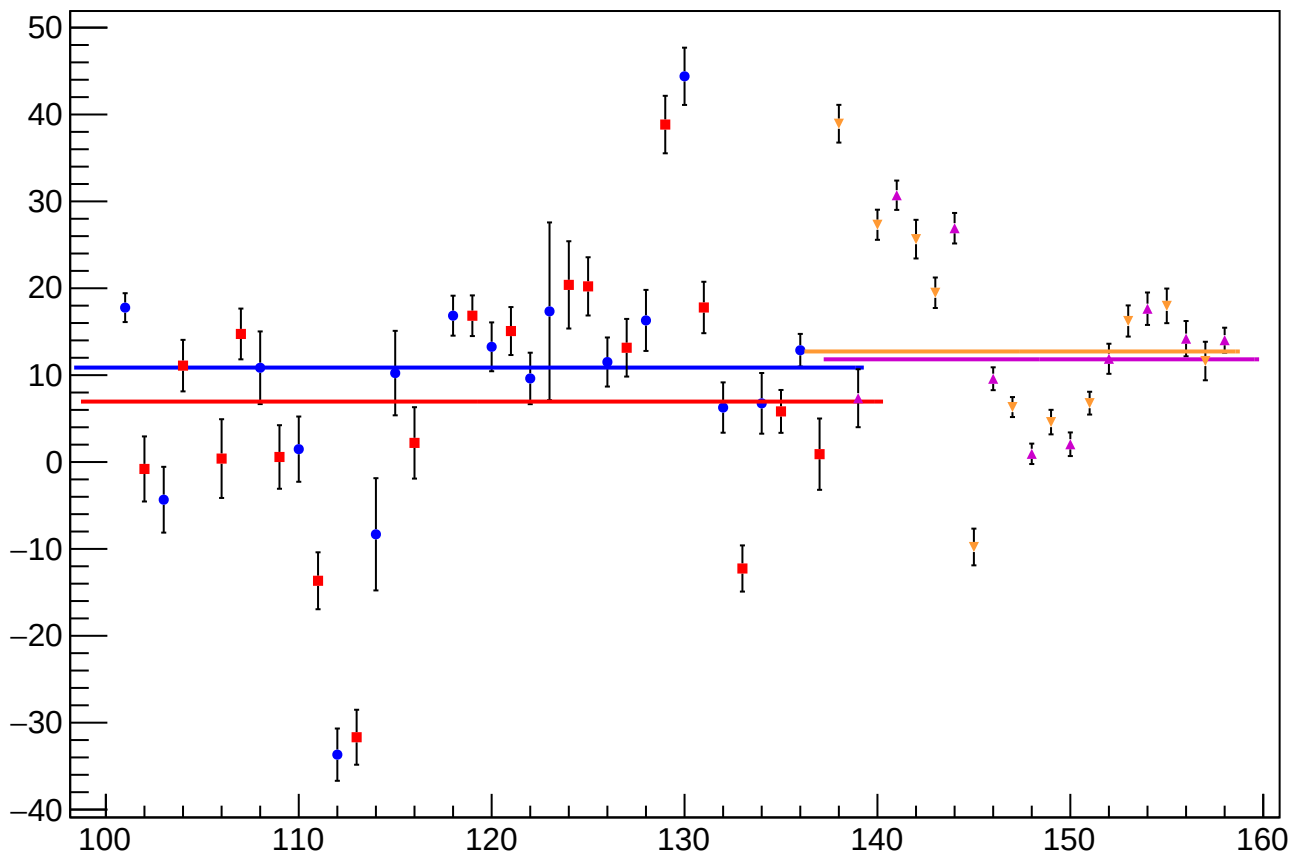
Right: 158.528+/-0.823 χ^2/NDF : 3864.1/34

In: 136.560+/-0.534 χ^2/NDF : 2854.8/26

Out: 137.152+/-0.546 χ^2/NDF : 2889.8/28

All: 136.850+/-0.382 χ^2/NDF : 5745.2/55

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.872 $\pm$ 0.714 χ^2/NDF : 386.7/16

Left Out: 12.726 $\pm$ 0.506 χ^2/NDF : 474.3/10

Right Out: 6.958 $\pm$ 0.749 χ^2/NDF : 422.3/17

Left In: 11.821 $\pm$ 0.503 χ^2/NDF : 354.6/9

Left: 12.270 $\pm$ 0.357 χ^2/NDF : 830.6/20

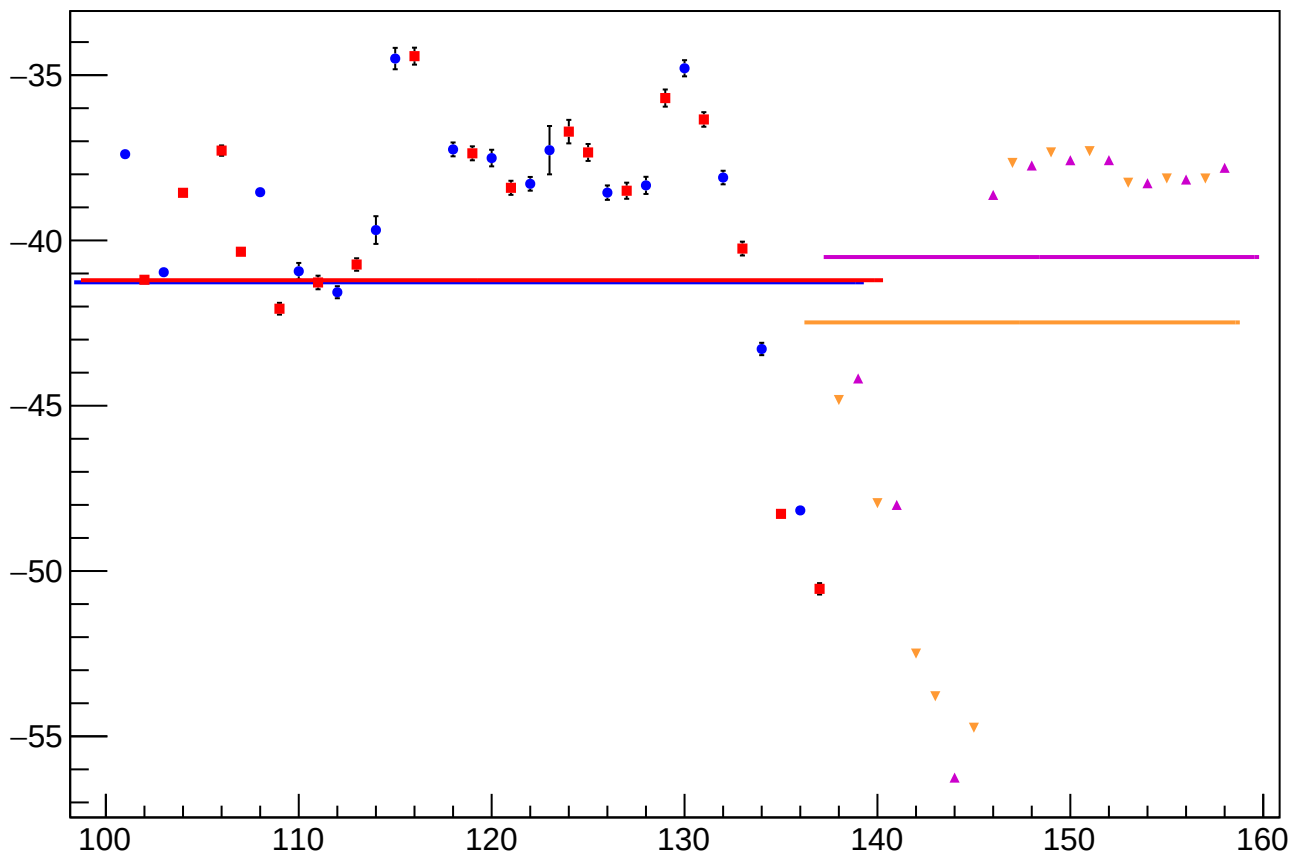
Right: 9.008 $\pm$ 0.517 χ^2/NDF : 823.3/34

In: 11.507 $\pm$ 0.411 χ^2/NDF : 742.5/26

Out: 10.917 $\pm$ 0.420 χ^2/NDF : 937.3/28

All: 11.218 $\pm$ 0.294 χ^2/NDF : 1680.8/55

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.267 $\pm$ 0.039 χ^2/NDF : 12581.8/16

Left Out: -42.480 $\pm$ 0.025 χ^2/NDF : 68064.3/10

Right Out: -41.204 $\pm$ 0.039 χ^2/NDF : 12008.6/17

Left In: -40.502 $\pm$ 0.024 χ^2/NDF : 45447.8/9

Left: -41.450 $\pm$ 0.017 χ^2/NDF : 116793.5/20

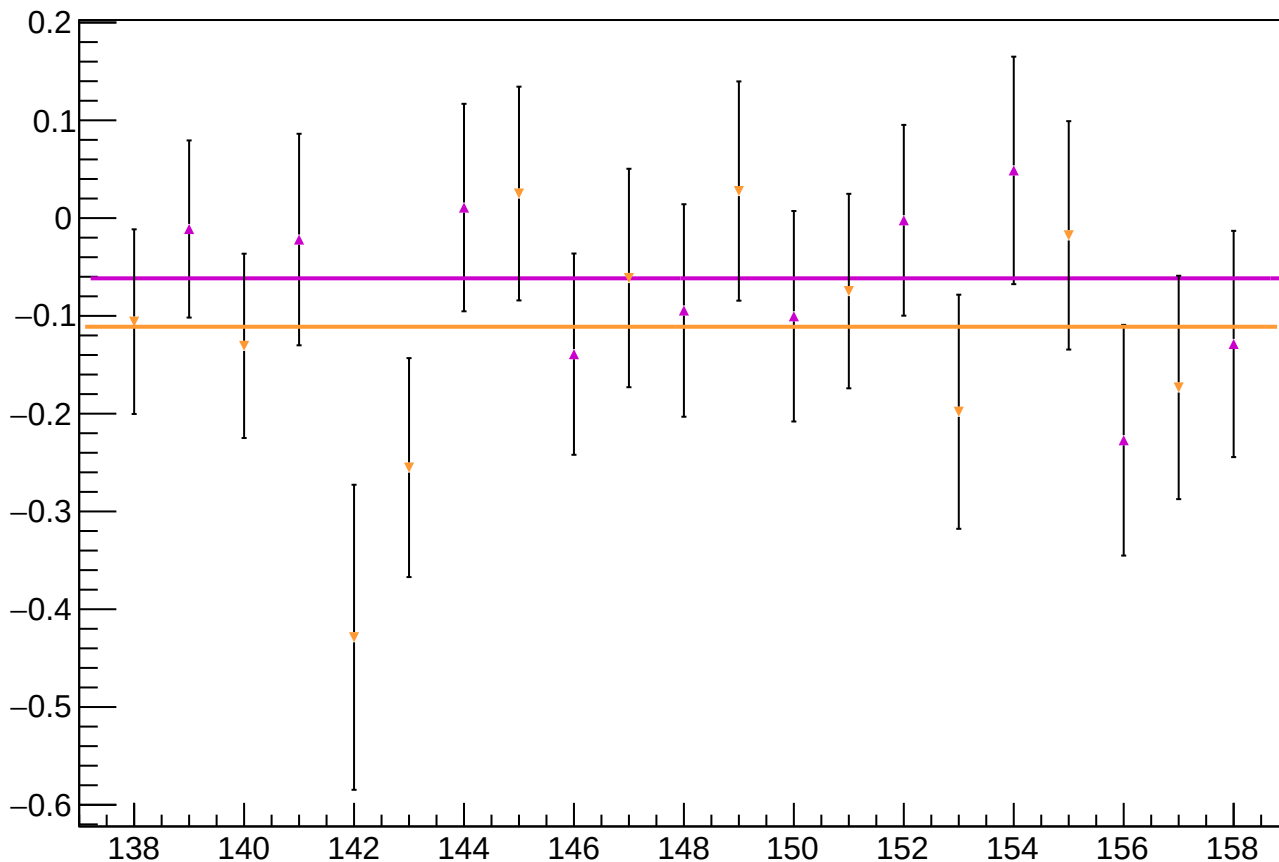
Right: -41.236 $\pm$ 0.027 χ^2/NDF : 24591.7/34

In: -40.715 $\pm$ 0.020 χ^2/NDF : 58314.2/26

Out: -42.108 $\pm$ 0.021 χ^2/NDF : 80837.4/28

All: -41.389 $\pm$ 0.015 χ^2/NDF : 141429.2/55

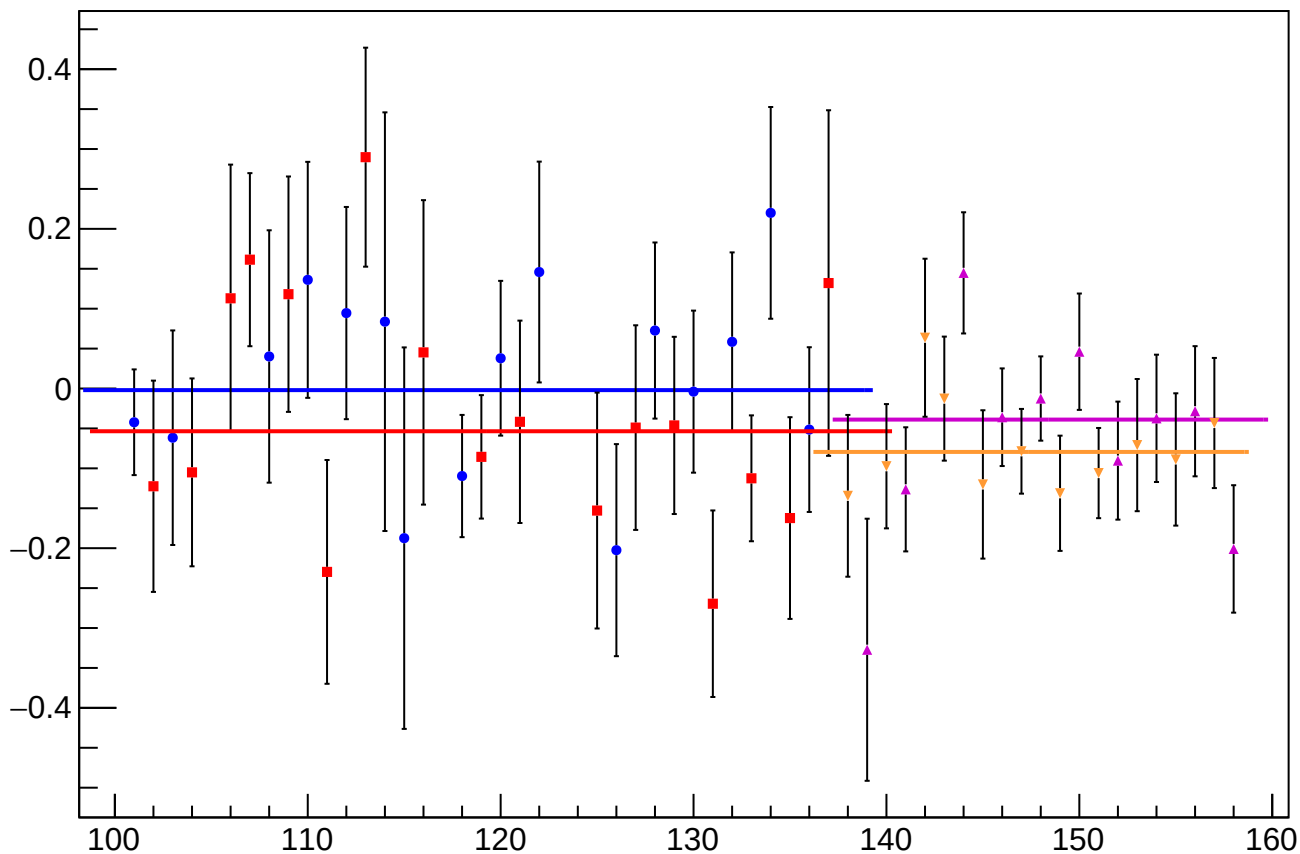
reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9

Left: -0.087 $\pm$ 0.024 χ^2 /NDF: 17.1/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -0.062 $\pm$ 0.034 χ^2 /NDF:5.3/9
 Out: -0.111 $\pm$ 0.033 χ^2 /NDF:10.7/10
 All: -0.087 $\pm$ 0.024 χ^2 /NDF: 17.1/20

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.002 ± 0.028 χ^2/NDF : 12.1/15

Left Out: -0.079 ± 0.023 χ^2/NDF : 4.3/10

Right Out: -0.054 ± 0.029 χ^2/NDF : 20.9/16

Left In: -0.039 ± 0.023 χ^2/NDF : 16.4/9

Left: -0.060 ± 0.016 χ^2/NDF : 22.3/20

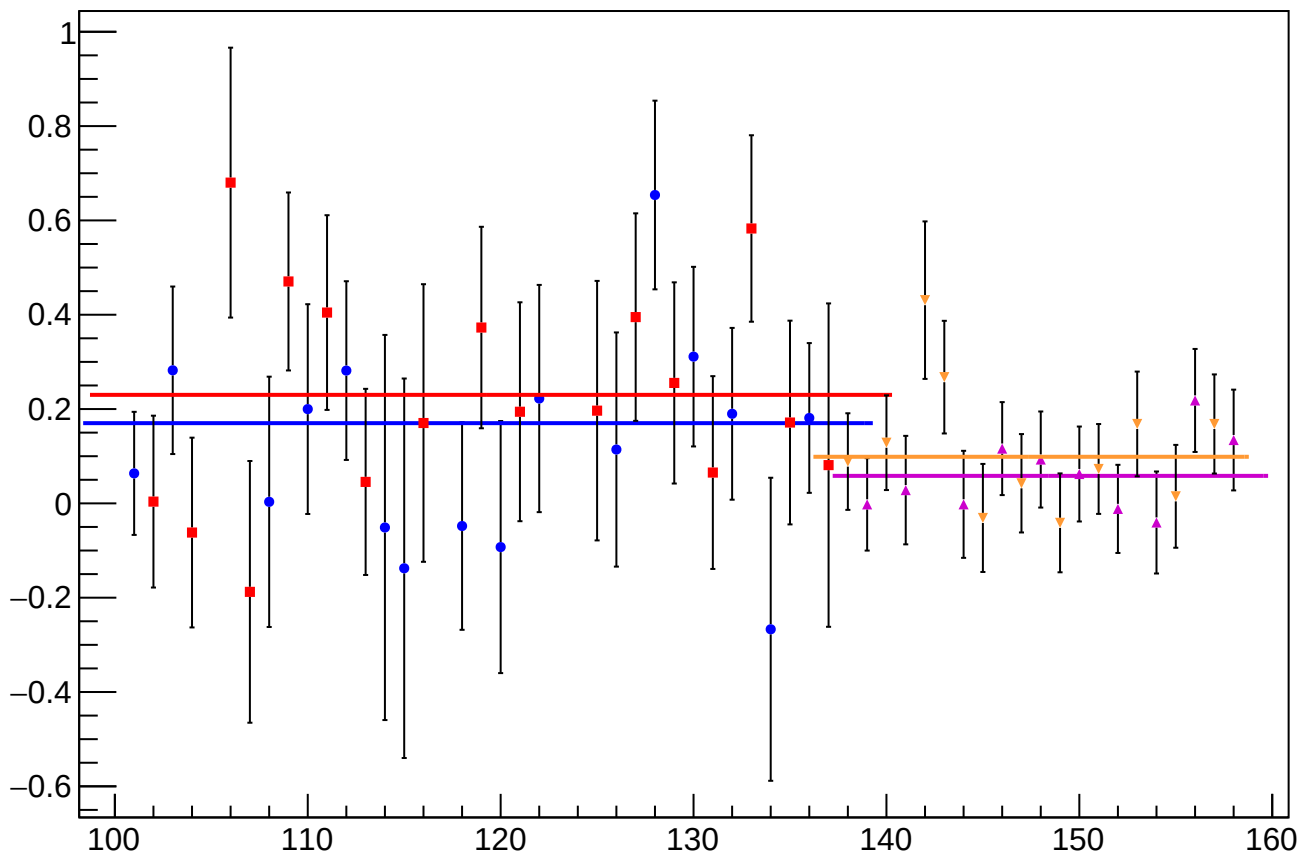
Right: -0.027 ± 0.020 χ^2/NDF : 34.6/32

In: -0.024 ± 0.018 χ^2/NDF : 29.6/25

Out: -0.070 ± 0.018 χ^2/NDF : 25.8/27

All: -0.047 ± 0.013 χ^2/NDF : 58.6/53

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: 0.099 ± 0.033 $\chi^2/\text{NDF}: 10.9/10$

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: 0.079 ± 0.023 $\chi^2/\text{NDF}: 16.9/20$

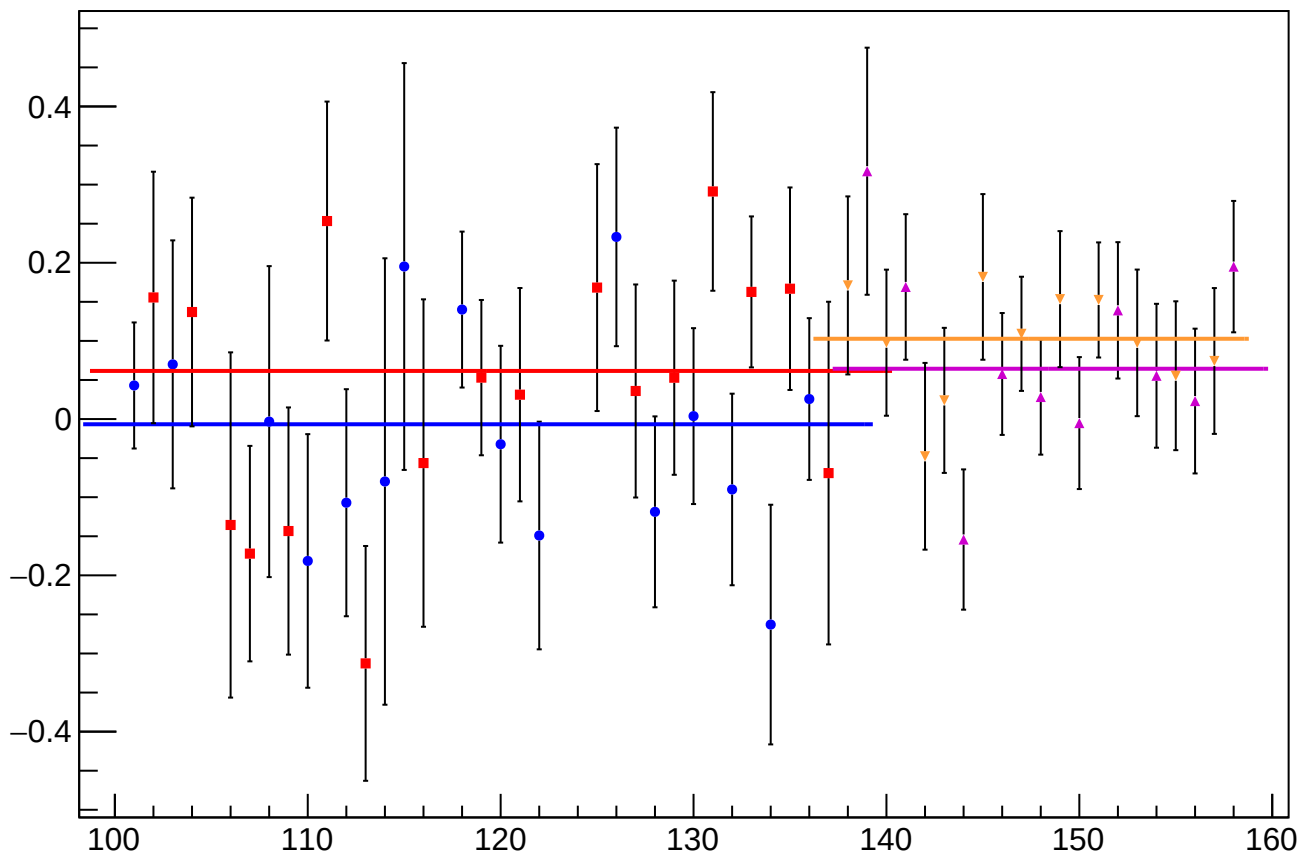
Right: 0.199 ± 0.038 $\chi^2/\text{NDF}: 30.5/32$

In: 0.090 ± 0.028 $\chi^2/\text{NDF}: 21.5/25$

Out: 0.134 ± 0.028 $\chi^2/\text{NDF}: 32.0/27$

All: 0.112 ± 0.020 $\chi^2/\text{NDF}: 54.8/53$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.007 ± 0.033 χ^2/NDF : 13.2/15

Left Out: 0.103 ± 0.028 χ^2/NDF : 4.4/10

Right Out: 0.062 ± 0.034 χ^2/NDF : 20.0/16

Left In: 0.064 ± 0.028 χ^2/NDF : 14.0/9

Left: 0.084 ± 0.020 χ^2/NDF : 19.4/20

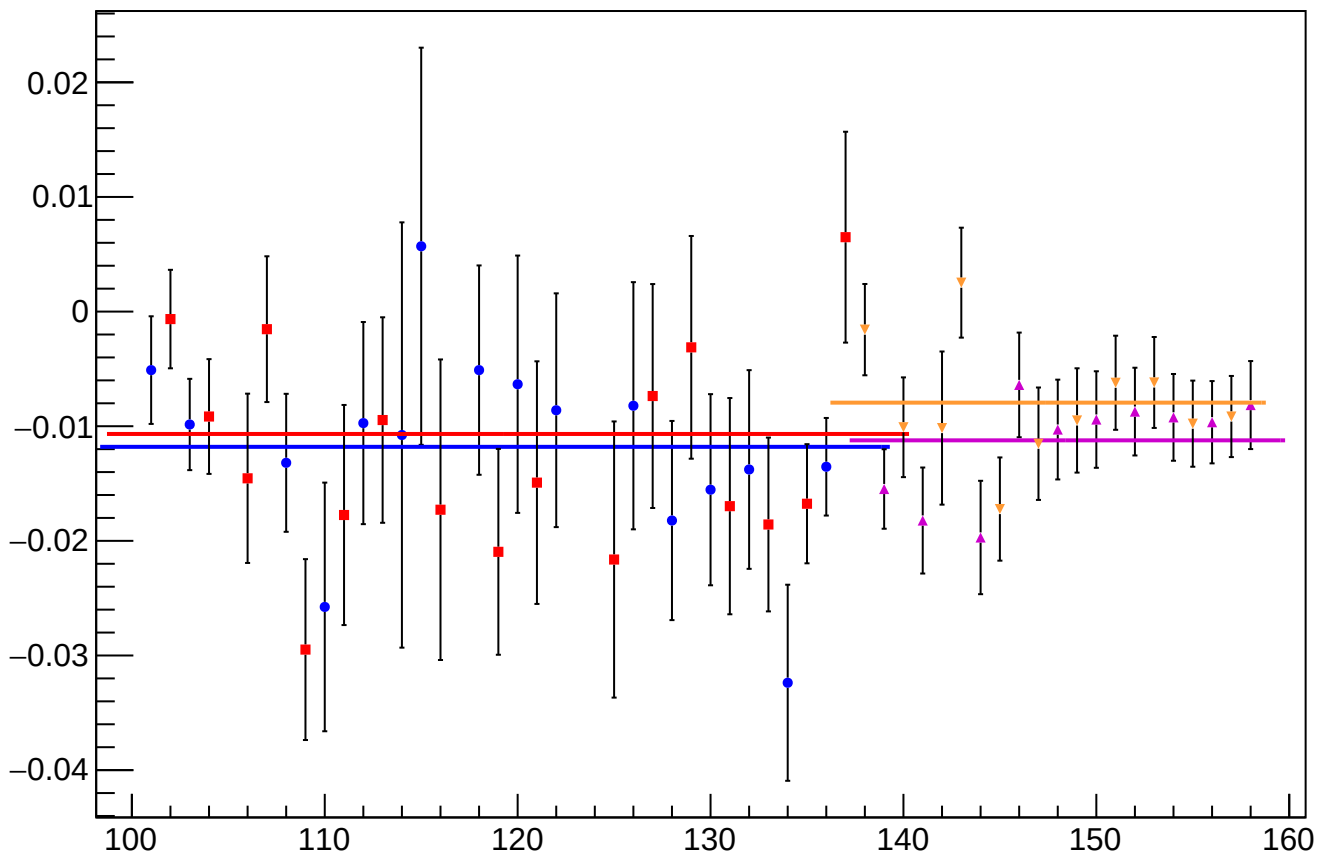
Right: 0.026 ± 0.023 χ^2/NDF : 35.3/32

In: 0.034 ± 0.021 χ^2/NDF : 30.0/25

Out: 0.086 ± 0.021 χ^2/NDF : 25.2/27

All: 0.060 ± 0.015 χ^2/NDF : 58.2/53

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 : 13.3/10

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 : 26.2/20

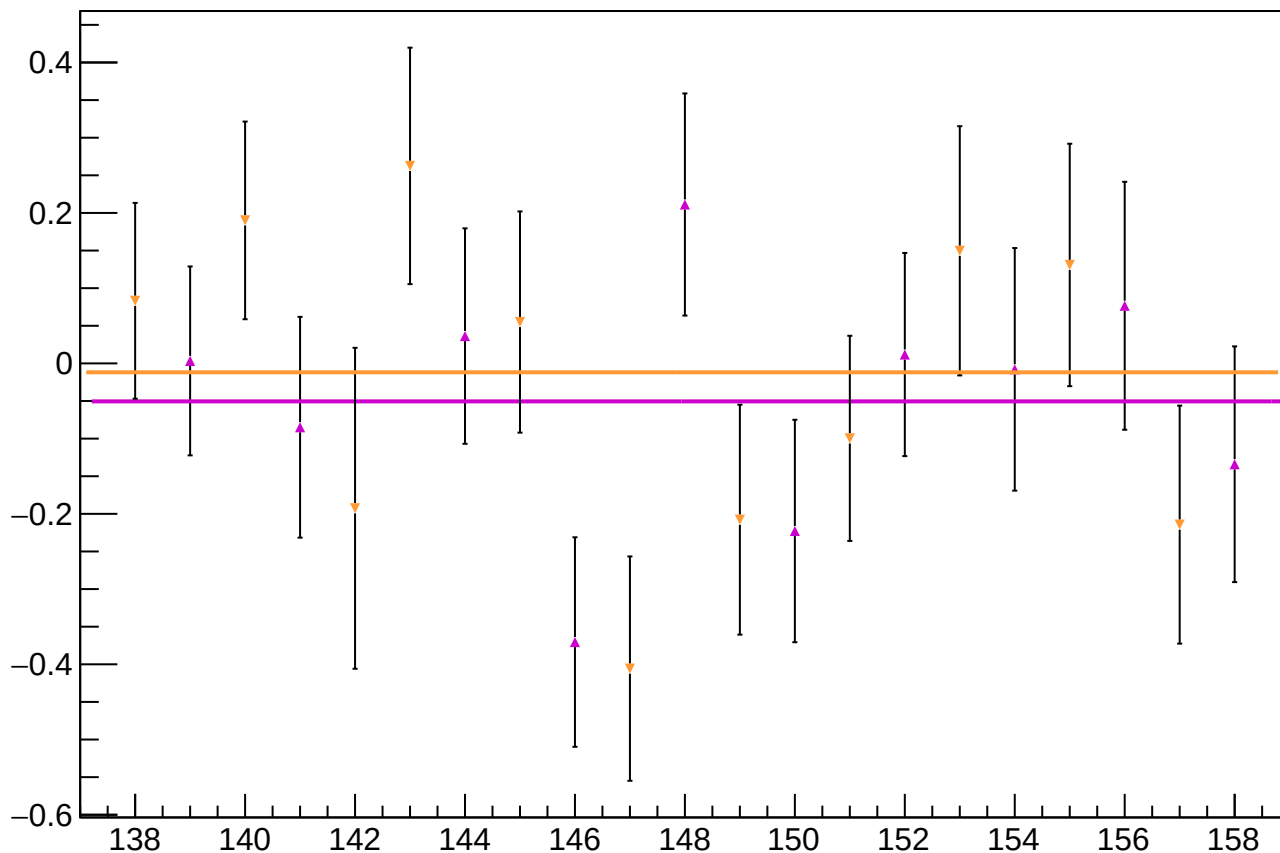
Right: -0.011 ± 0.001 χ^2/NDF : 36.8/32

In: -0.011 ± 0.001 χ^2/NDF : 22.5/25

Out: -0.009 ± 0.001 χ^2/NDF : 38.6/27

All: -0.010 ± 0.001 χ^2/NDF : 64.1/53

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+/-0.046 χ^2/NDF :19.3/10

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: -0.031+/-0.032 χ^2/NDF : 31.2/20

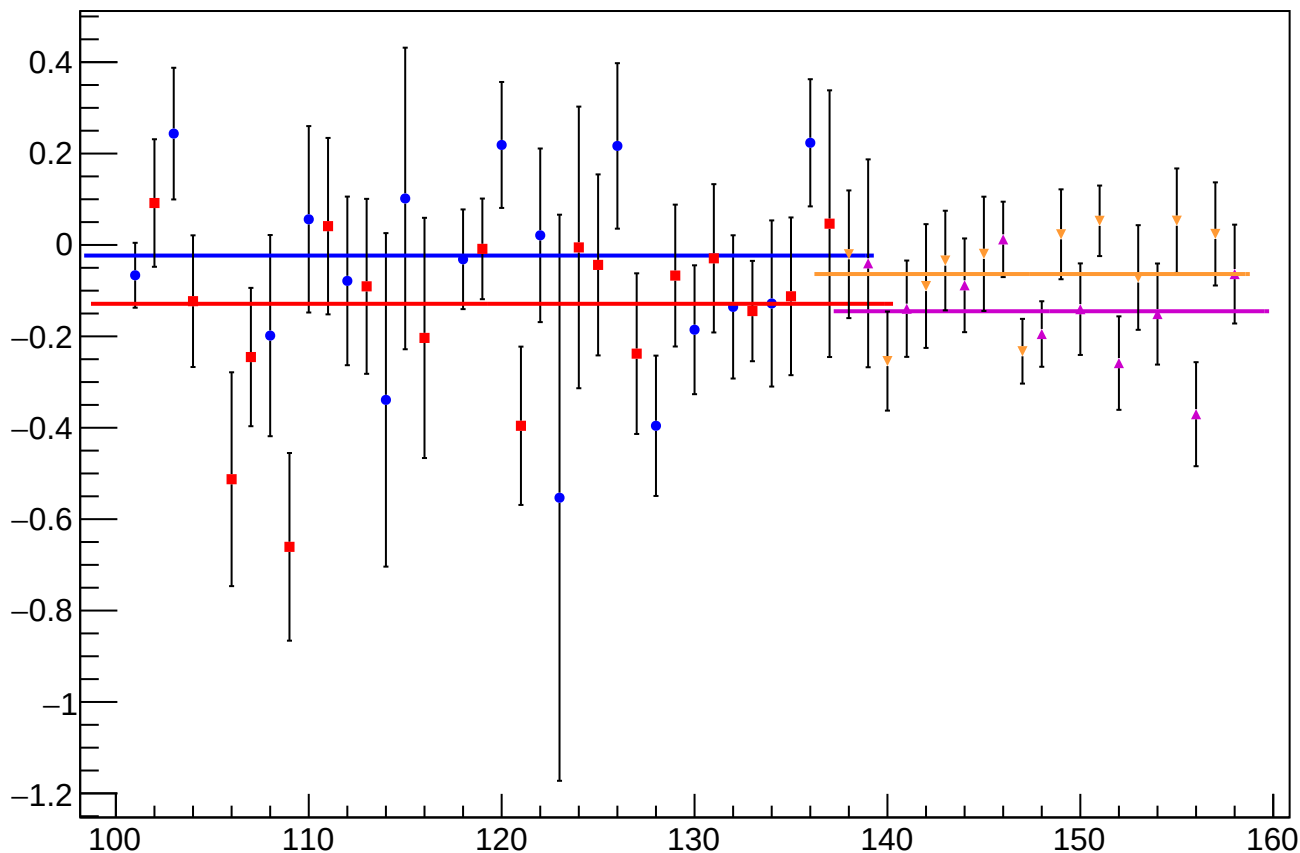
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.050+/-0.046 χ^2/NDF :11.5/9

Out: -0.012+/-0.046 χ^2/NDF :19.3/10

All: -0.031+/-0.032 χ^2/NDF : 31.2/20

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: -0.064 ± 0.031 $\chi^2/\text{NDF}: 13.8/10$

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: -0.103 ± 0.022 $\chi^2/\text{NDF}: 27.5/20$

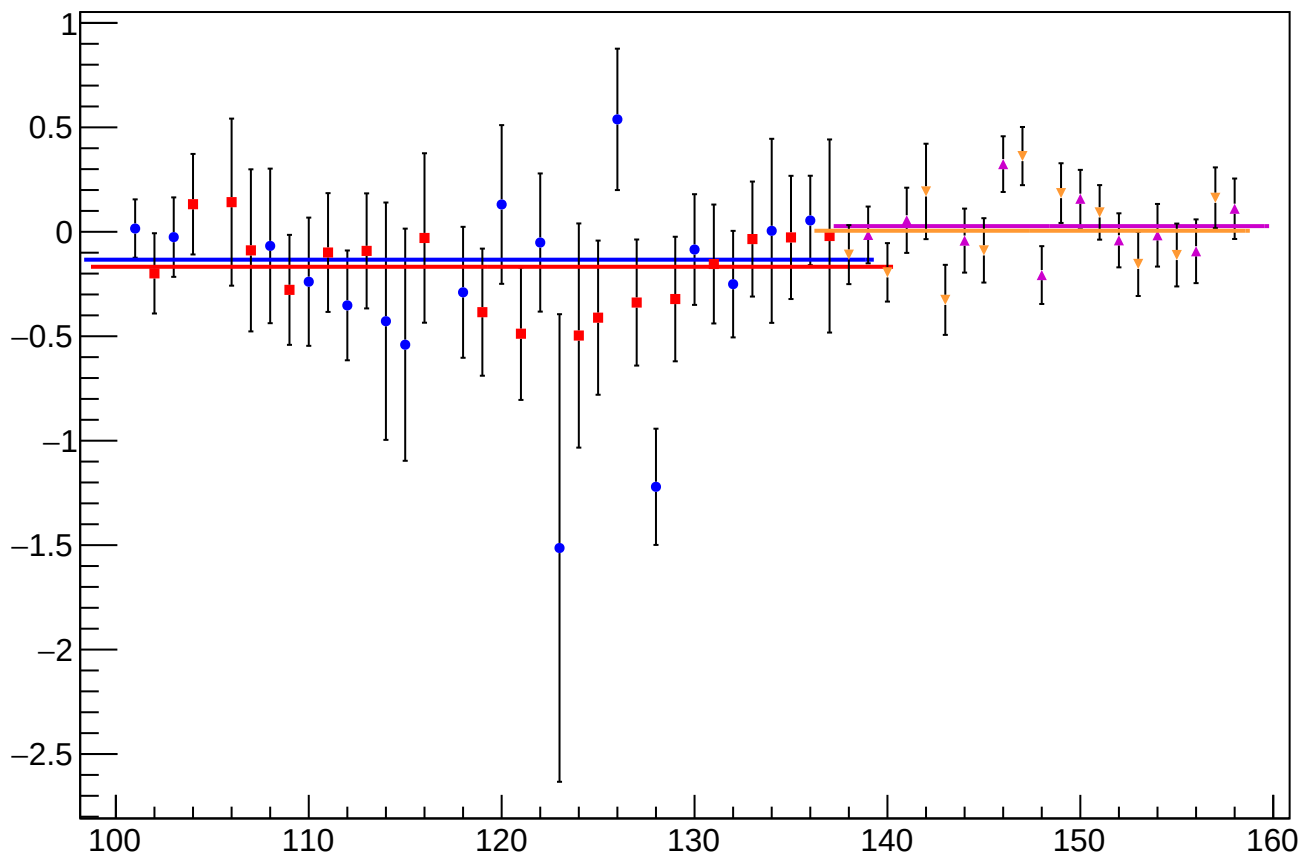
Right: -0.072 ± 0.027 $\chi^2/\text{NDF}: 44.9/34$

In: -0.092 ± 0.024 $\chi^2/\text{NDF}: 39.1/26$

Out: -0.089 ± 0.024 $\chi^2/\text{NDF}: 34.1/28$

All: -0.090 ± 0.017 $\chi^2/\text{NDF}: 73.2/55$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.133 ± 0.067 χ^2/NDF : 25.7/16

Left Out: 0.005 ± 0.045 χ^2/NDF : 19.1/10

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 ± 0.032 χ^2/NDF : 29.6/20

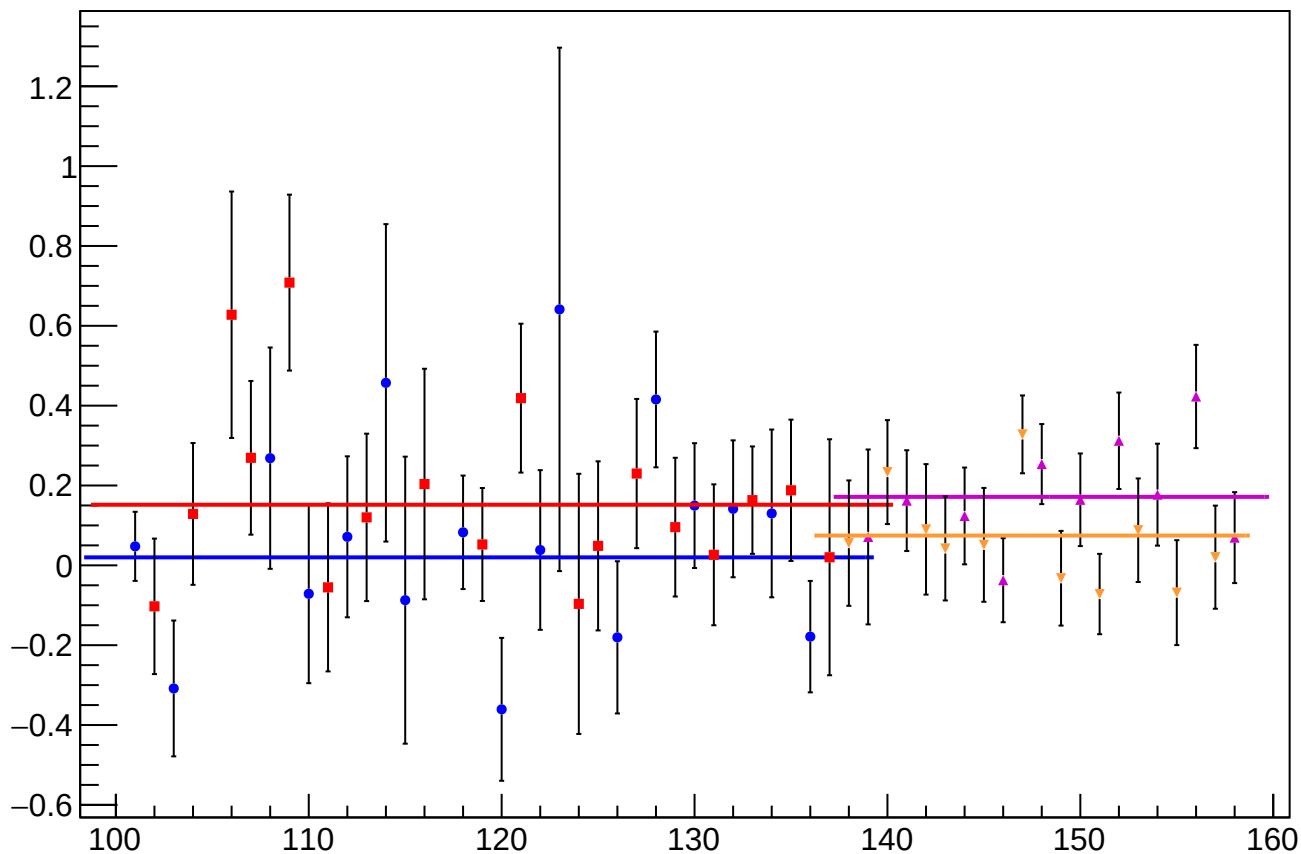
Right: -0.149 ± 0.049 χ^2/NDF : 32.0/34

In: -0.023 ± 0.037 χ^2/NDF : 40.1/26

Out: -0.045 ± 0.038 χ^2/NDF : 29.4/28

All: -0.034 ± 0.027 χ^2/NDF : 69.7/55

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.042 χ^2/NDF : 21.8/16

Left Out: 0.075 $\pm$ 0.038 χ^2/NDF : 12.7/10

Right Out: 0.152 $\pm$ 0.045 χ^2/NDF : 16.8/17

Left In: 0.172 $\pm$ 0.038 χ^2/NDF : 10.9/9

Left: 0.123 $\pm$ 0.027 χ^2/NDF : 26.8/20

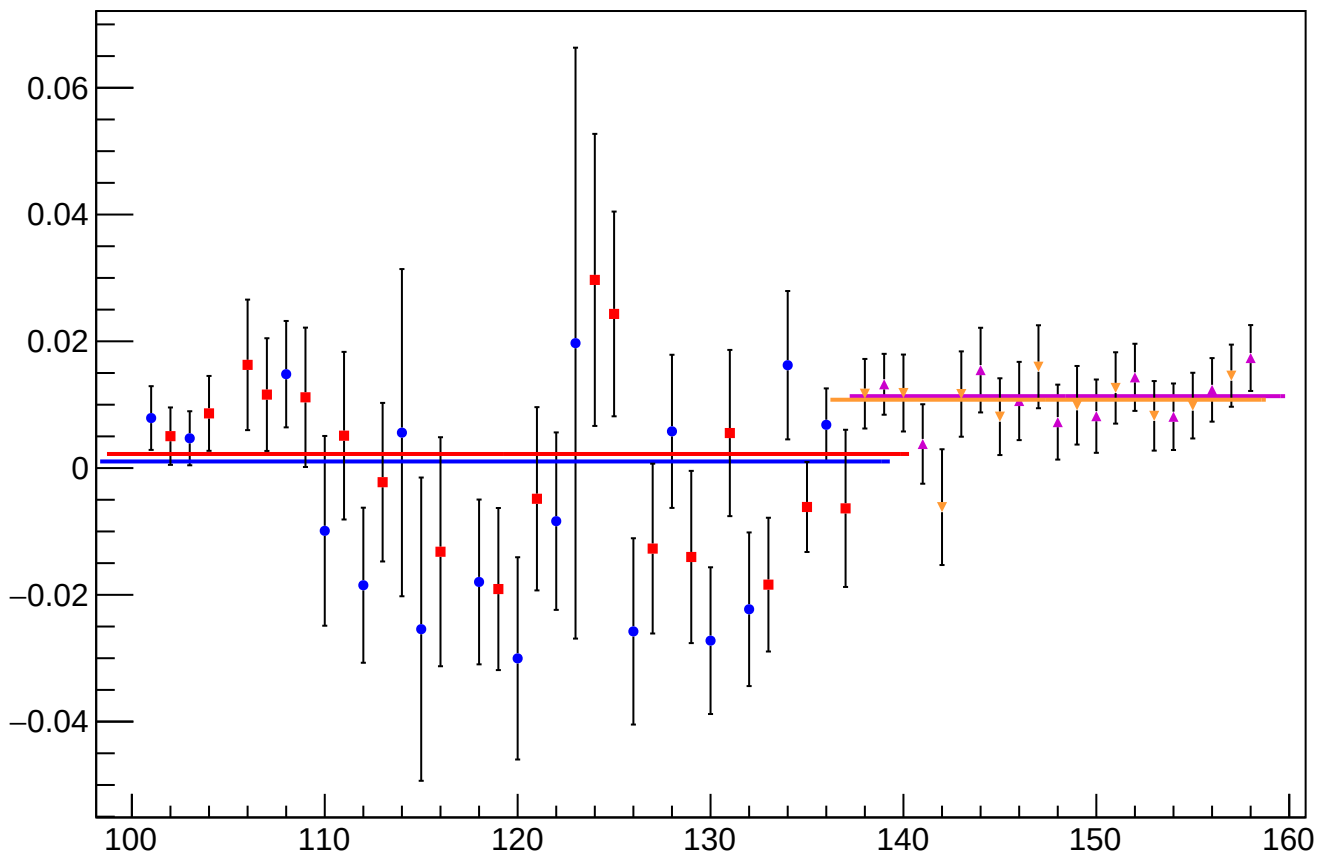
Right: 0.081 $\pm$ 0.031 χ^2/NDF : 43.1/34

In: 0.103 $\pm$ 0.028 χ^2/NDF : 39.8/26

Out: 0.106 $\pm$ 0.029 χ^2/NDF : 31.2/28

All: 0.105 $\pm$ 0.020 χ^2/NDF : 70.9/55

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:5.3/10

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: 10.2/20

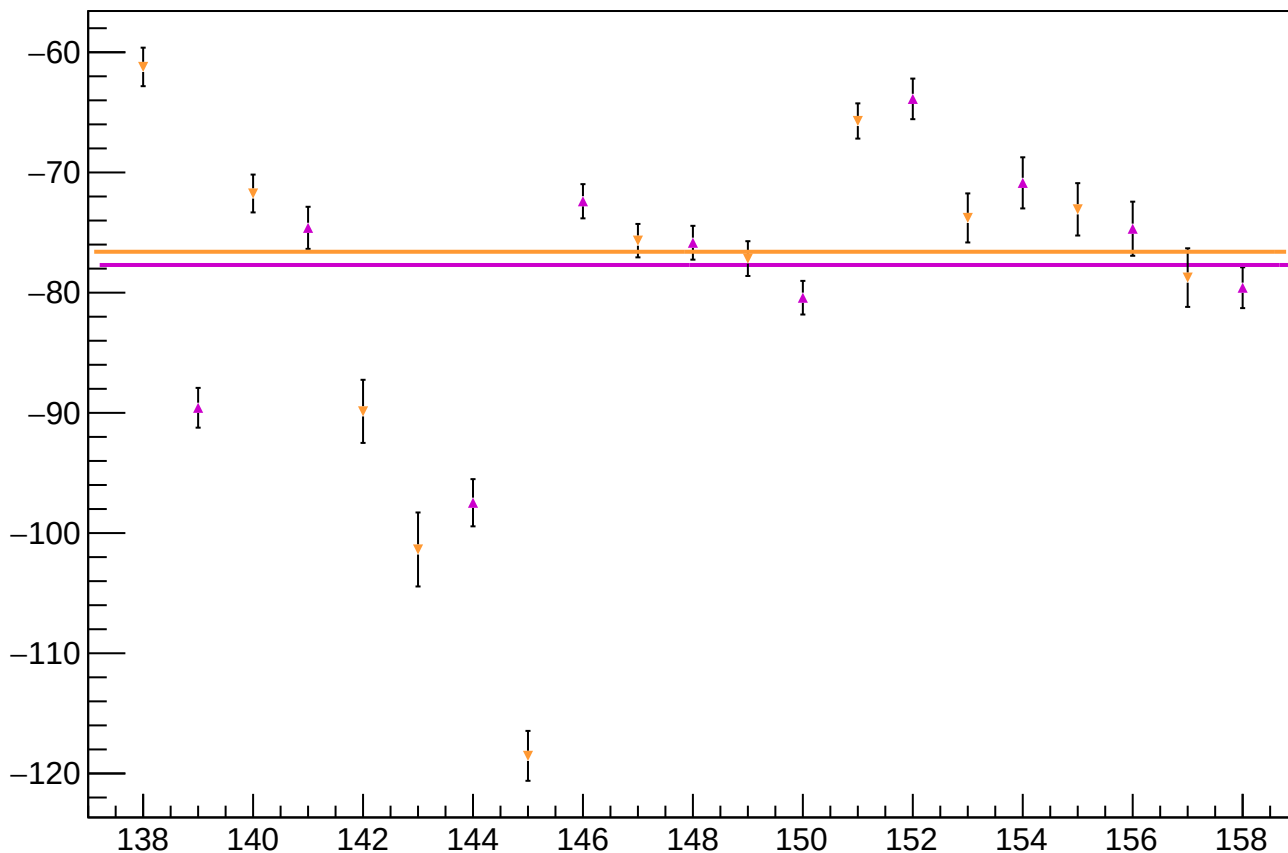
Right: 0.002 $\pm$ 0.002 χ^2 /NDF: 53.0/34

In: 0.007 $\pm$ 0.001 χ^2 /NDF:50.1/26

Out: 0.008 $\pm$ 0.001 χ^2 /NDF:34.9/28

All: 0.007 $\pm$ 0.001 χ^2 /NDF: 85.0/55

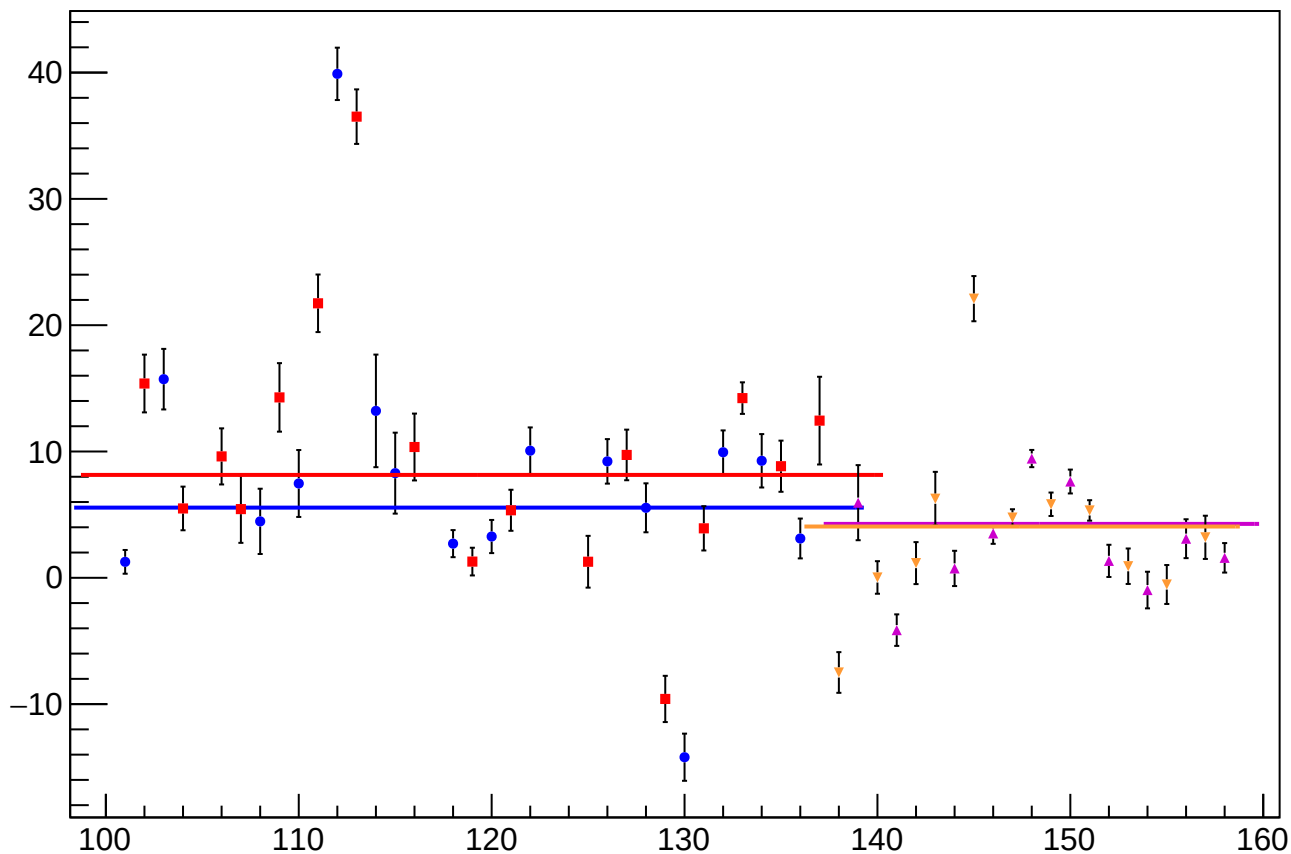
reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -76.596+/-0.546 χ^2/NDF :661.2/10
 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: -77.164+/-0.380 χ^2/NDF : 919.1/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -77.697+/-0.529 χ^2/NDF :255.8/9
 Out: -76.596+/-0.546 χ^2/NDF :661.2/10
 All: -77.164+/-0.380 χ^2/NDF : 919.1/20

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.557 $\pm$ 0.424 χ^2 /NDF: 462.0/15

Left Out: 4.061 $\pm$ 0.350 χ^2 /NDF:188.5/10

Right Out: 8.146 $\pm$ 0.454 χ^2 /NDF: 406.8/16

Left In: 4.269 $\pm$ 0.348 χ^2 /NDF:147.3/9

Left: 4.165 $\pm$ 0.247 χ^2 /NDF: 335.9/20

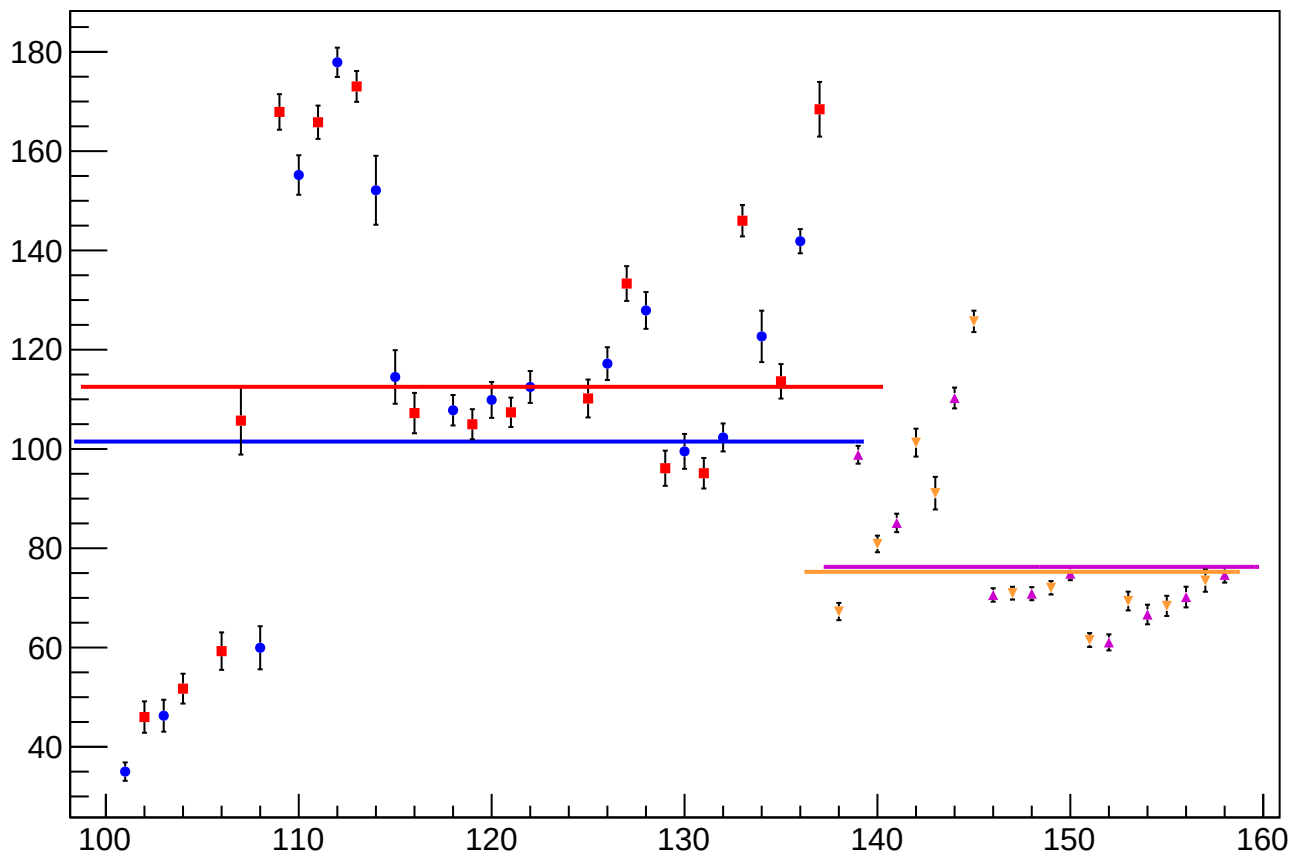
Right: 6.763 $\pm$ 0.310 χ^2 /NDF: 886.1/32

In: 4.787 $\pm$ 0.269 χ^2 /NDF:614.8/25

Out: 5.585 $\pm$ 0.278 χ^2 /NDF:645.9/27

All: 5.174 $\pm$ 0.193 χ^2 /NDF: 1265.0/53

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 101.496 $\pm$ 0.808 χ^2 /NDF: 2973.0/15

Left Out: 75.250 $\pm$ 0.535 χ^2 /NDF:825.1/10

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: 75.772 $\pm$ 0.370 χ^2 /NDF: 1427.5/20

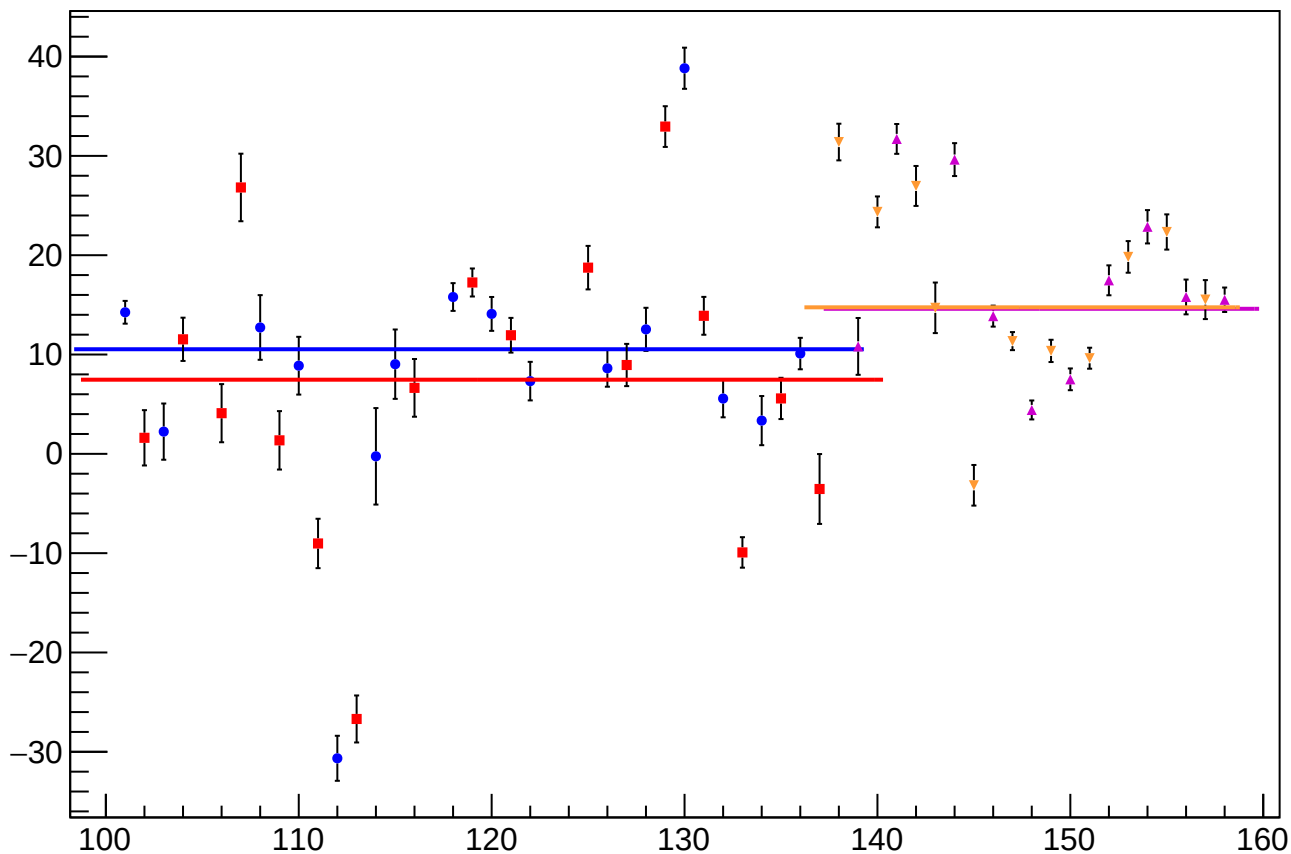
Right: 106.775 $\pm$ 0.583 χ^2 /NDF: 5299.0/32

In: 83.499 $\pm$ 0.433 χ^2 /NDF:4269.0/25

Out: 85.947 $\pm$ 0.452 χ^2 /NDF:4455.1/27

All: 84.671 $\pm$ 0.313 χ^2 /NDF: 8739.4/53

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.532 $\pm$ 0.493 χ^2 /NDF: 580.3/15

Left Out: 14.752 $\pm$ 0.438 χ^2 /NDF: 314.6/10

Right Out: 7.466 $\pm$ 0.525 χ^2 /NDF: 685.0/16

Left In: 14.604 $\pm$ 0.425 χ^2 /NDF: 399.0/9

Left: 14.676 $\pm$ 0.305 χ^2 /NDF: 713.6/20

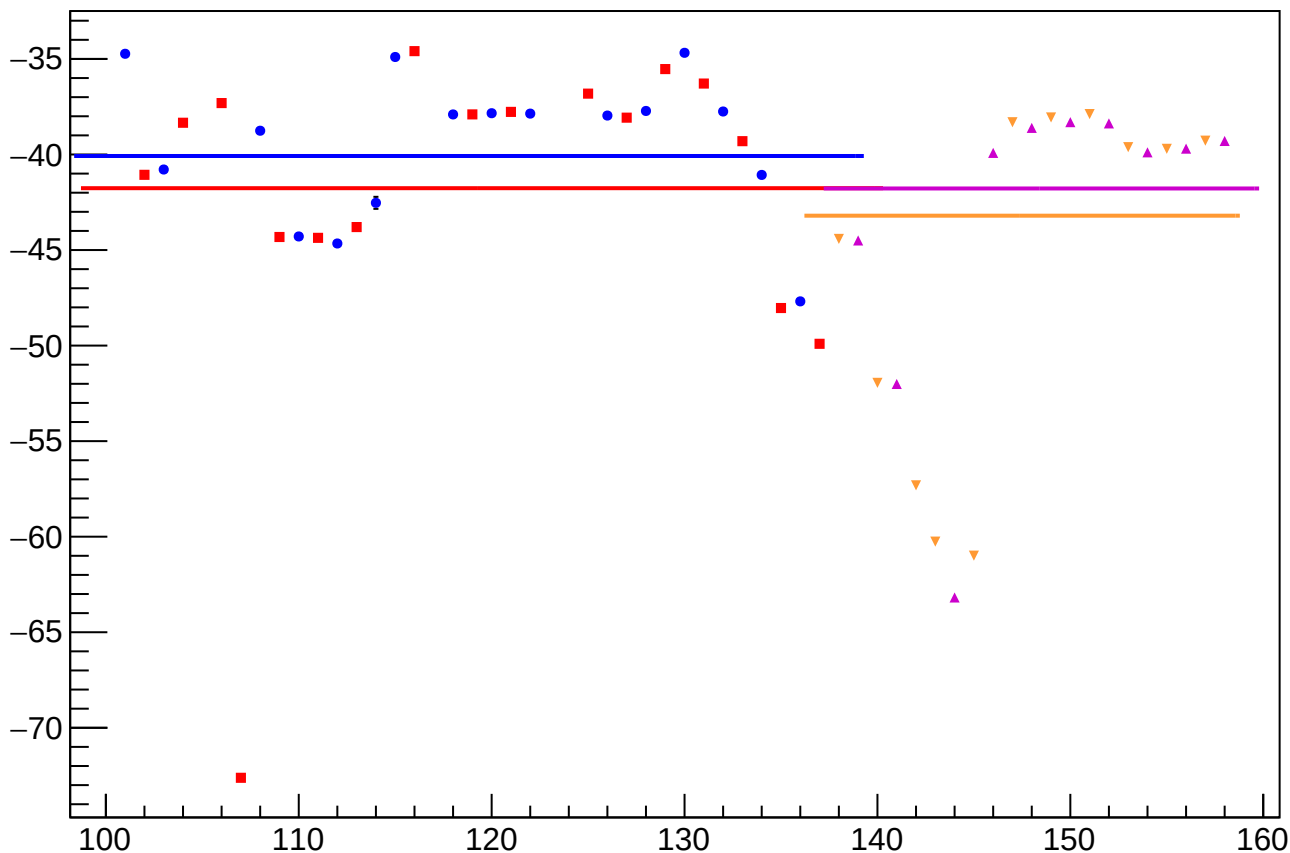
Right: 9.096 $\pm$ 0.359 χ^2 /NDF: 1283.4/32

In: 12.868 $\pm$ 0.322 χ^2 /NDF: 1018.5/25

Out: 11.766 $\pm$ 0.336 χ^2 /NDF: 1113.2/27

All: 12.341 $\pm$ 0.232 χ^2 /NDF: 2137.3/53

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.079 ± 0.028 $\chi^2/\text{NDF}: 25147.0/15$

Left Out: -43.202 ± 0.022 $\chi^2/\text{NDF}: 120004.9/10$

Right Out: -41.764 ± 0.029 $\chi^2/\text{NDF}: 60249.3/16$

Left In: -41.779 ± 0.020 $\chi^2/\text{NDF}: 88601.9/9$

Left: -42.441 ± 0.015 $\chi^2/\text{NDF}: 210876.3/20$

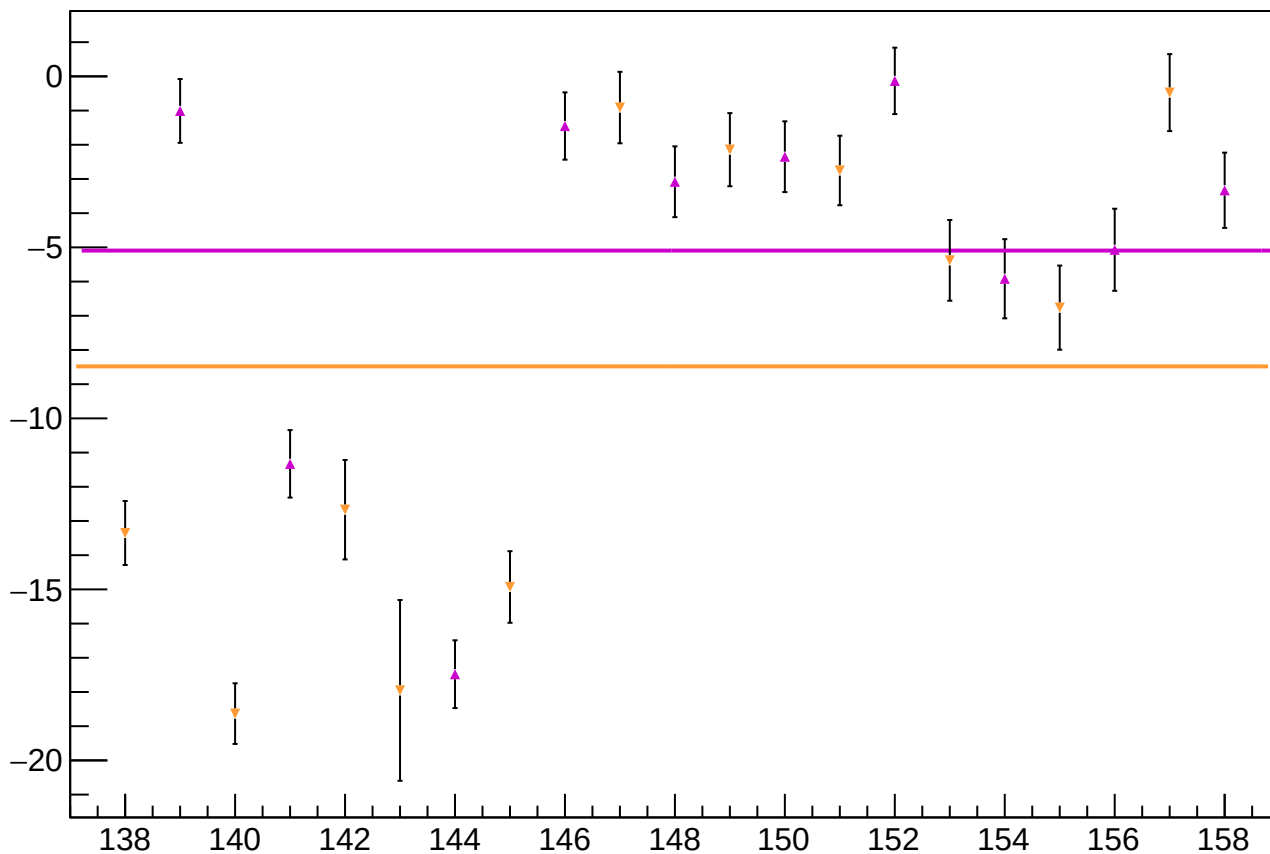
Right: -40.903 ± 0.020 $\chi^2/\text{NDF}: 87139.1/32$

In: -41.196 ± 0.017 $\chi^2/\text{NDF}: 116134.1/25$

Out: -42.678 ± 0.017 $\chi^2/\text{NDF}: 181834.4/27$

All: -41.898 ± 0.012 $\chi^2/\text{NDF}: 301775.8/53$

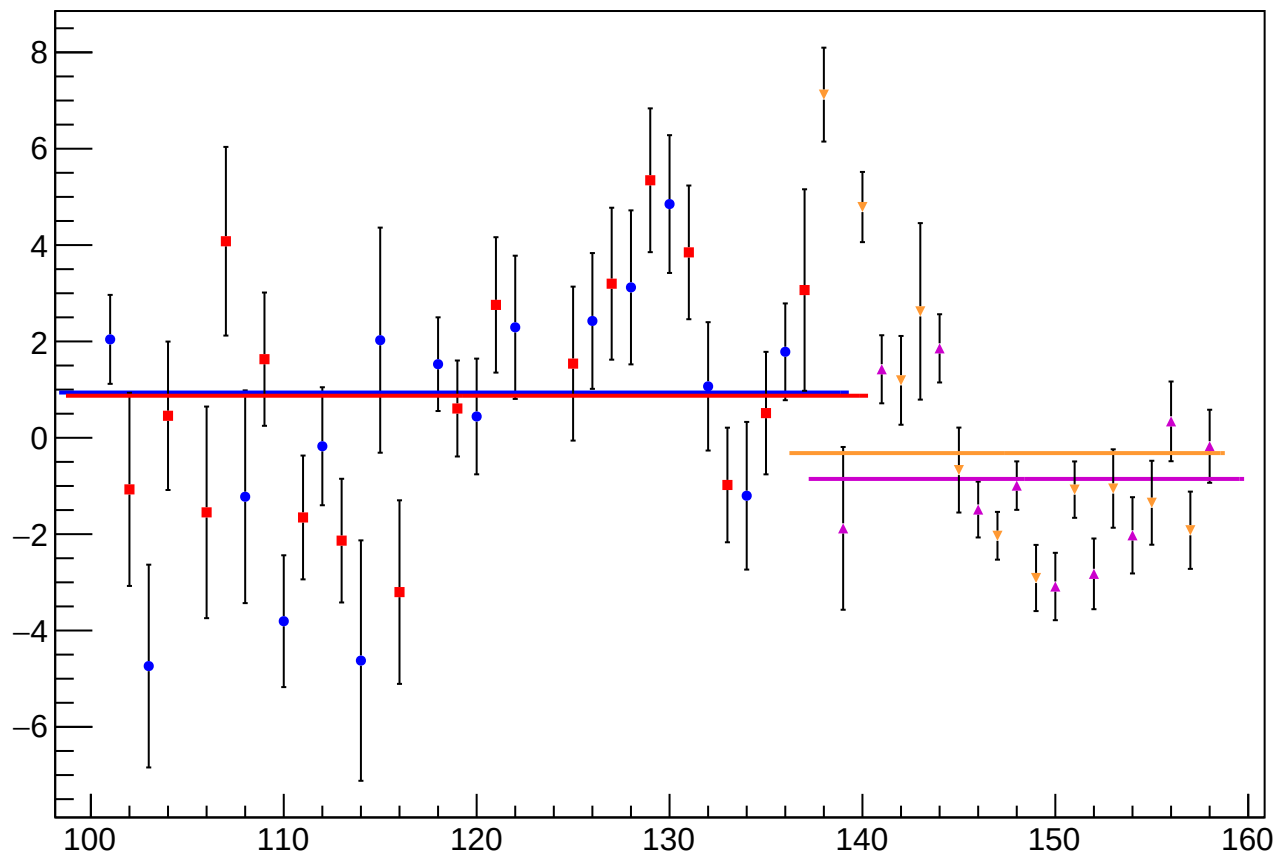
reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -5.094+/-0.326 χ^2/NDF :269.0/9

Left: -6.736+/-0.234 χ^2/NDF : 717.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.094+/-0.326 χ^2/NDF :269.0/9
 Out: -8.479+/-0.336 χ^2/NDF :396.2/10
 All: -6.736+/-0.234 χ^2/NDF : 717.5/20

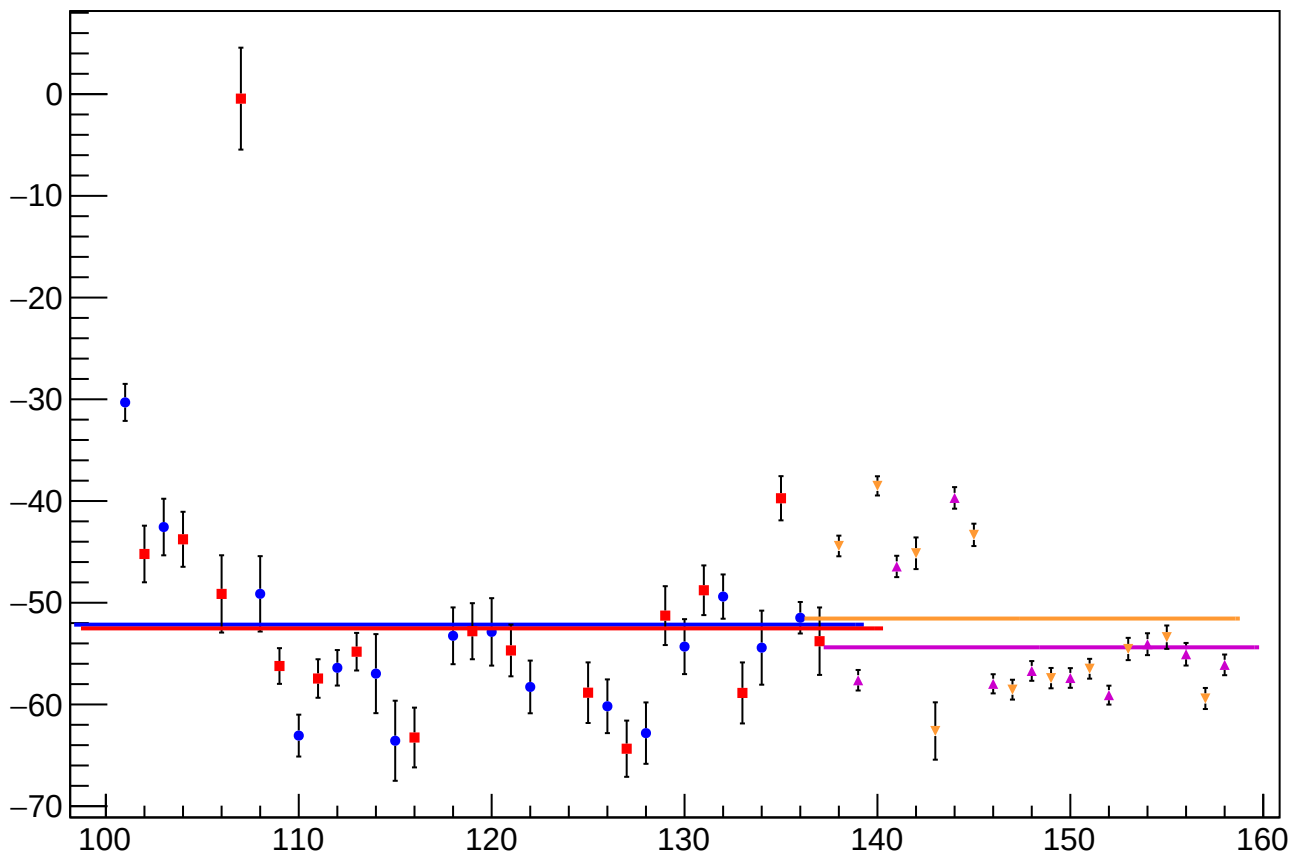
reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.939 ± 0.339 χ^2/NDF : 42.2/15
 Left Out: -0.318 ± 0.228 χ^2/NDF : 146.9/10
 Right Out: 0.873 ± 0.354 χ^2/NDF : 40.6/16
 Left In: -0.854 ± 0.224 χ^2/NDF : 49.2/9

Left: -0.591 ± 0.160 χ^2/NDF : 198.9/20
 Right: 0.908 ± 0.245 χ^2/NDF : 82.8/32
 In: -0.309 ± 0.187 χ^2/NDF : 110.9/25
 Out: 0.032 ± 0.192 χ^2/NDF : 195.5/27
 All: -0.143 ± 0.134 χ^2/NDF : 308.0/53

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: -51.555 ± 0.332 χ^2/NDF : 507.6/10

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: -53.024 ± 0.230 χ^2/NDF : 863.9/20

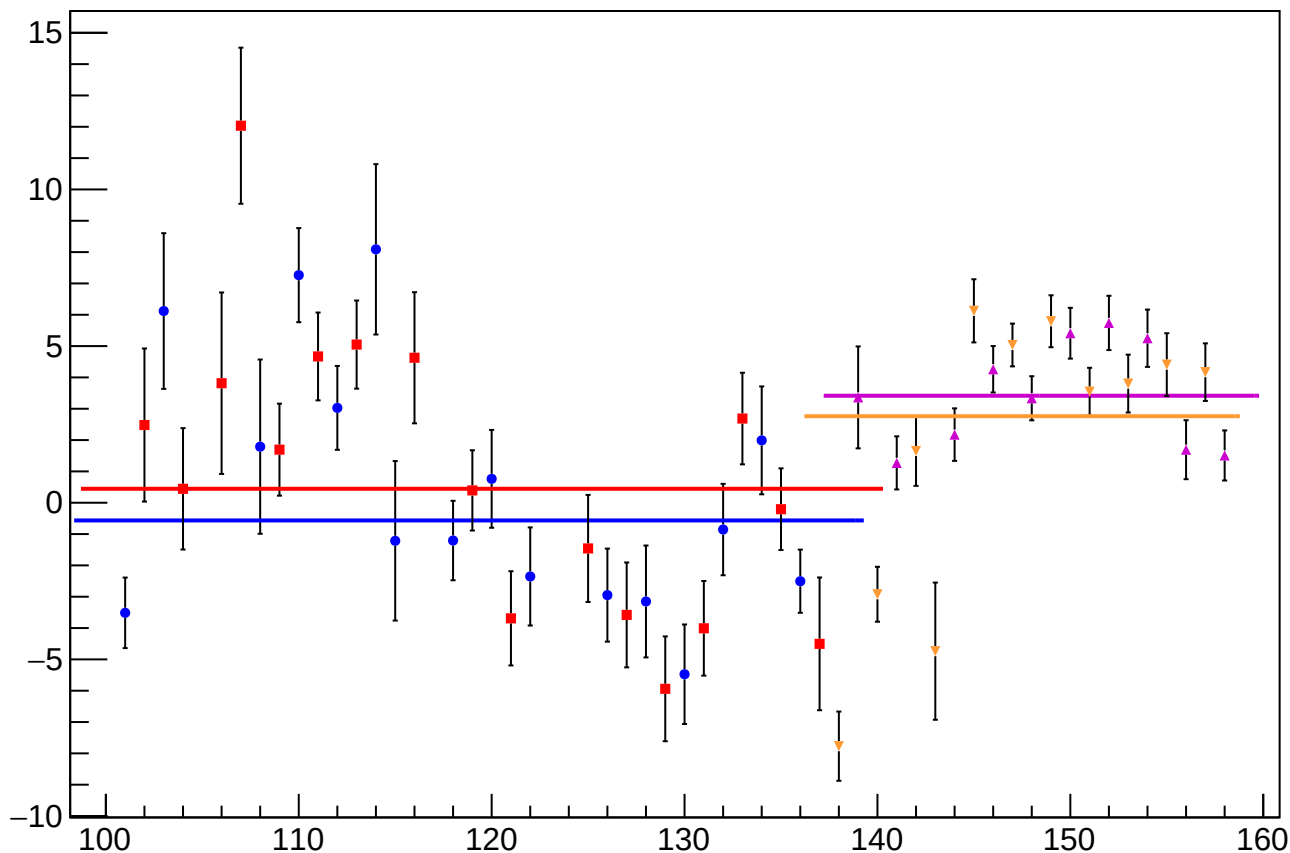
Right: -52.337 ± 0.435 χ^2/NDF : 449.0/32

In: -53.908 ± 0.283 χ^2/NDF : 560.0/25

Out: -51.771 ± 0.292 χ^2/NDF : 727.2/27

All: -52.874 ± 0.203 χ^2/NDF : 1314.8/53

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: 2.762 ± 0.279 χ^2/NDF : 188.6/10

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: 3.101 ± 0.194 χ^2/NDF : 227.7/20

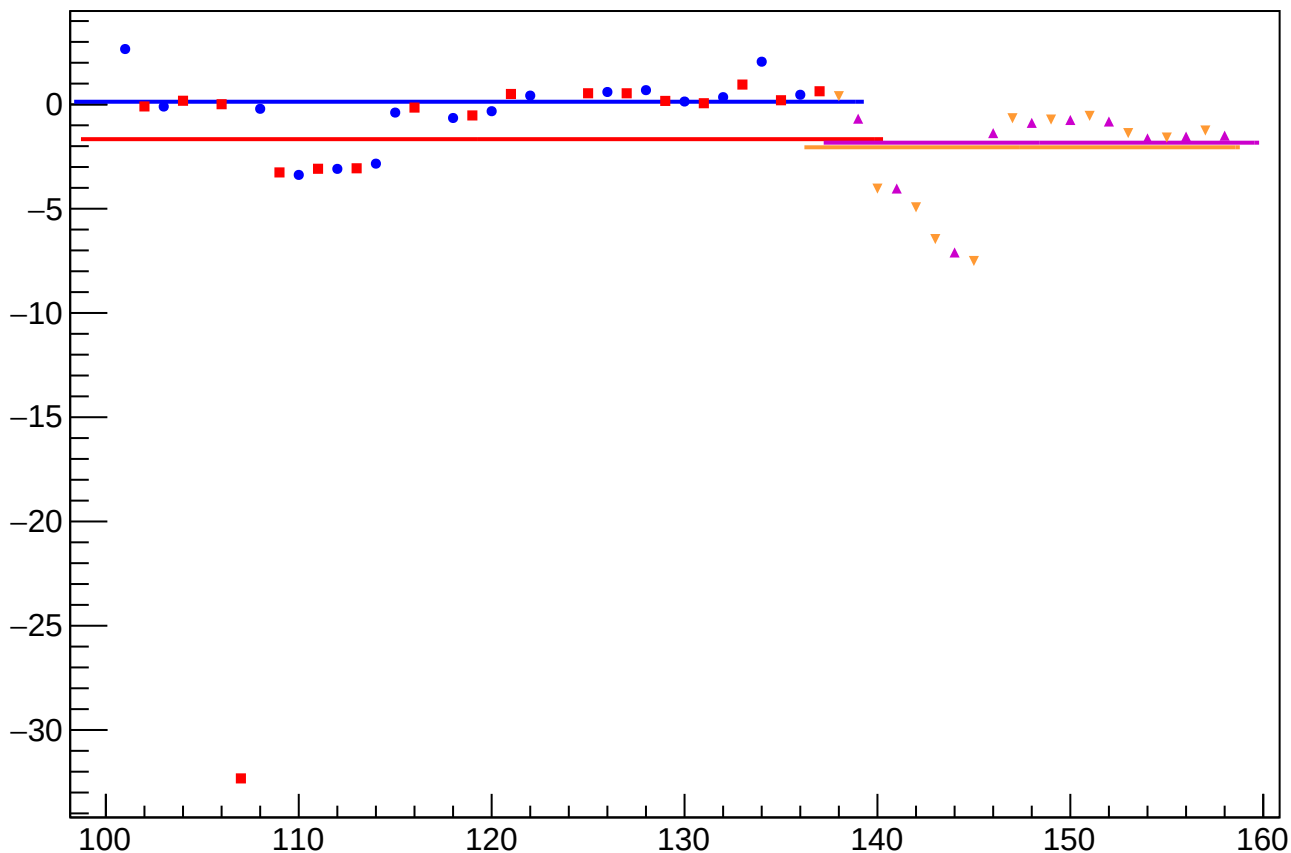
Right: -0.080 ± 0.277 χ^2/NDF : 179.3/32

In: 2.105 ± 0.221 χ^2/NDF : 190.0/25

Out: 2.002 ± 0.229 χ^2/NDF : 305.2/27

All: 2.055 ± 0.159 χ^2/NDF : 495.3/53

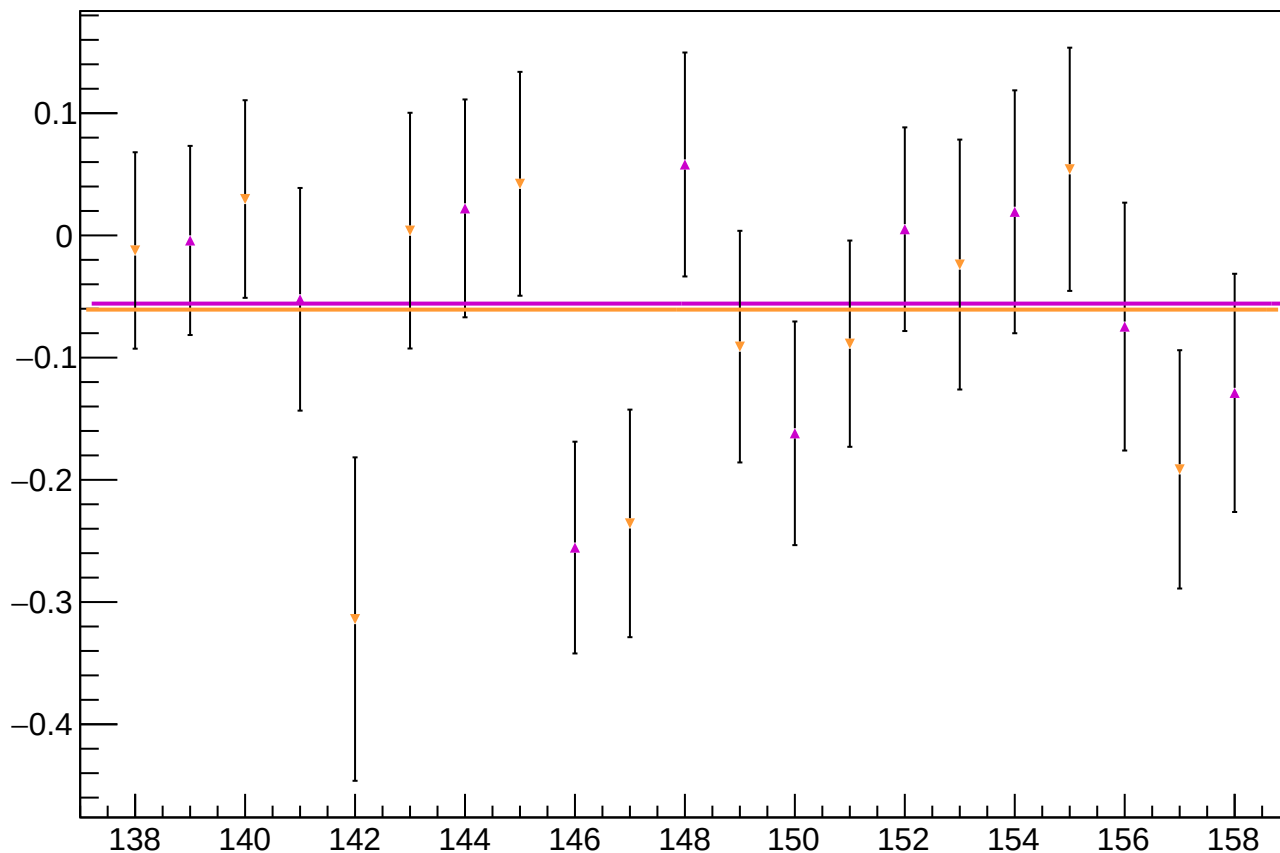
reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.130 ± 0.022 $\chi^2/\text{NDF}: 5232.9/15$
 Left Out: -2.054 ± 0.013 $\chi^2/\text{NDF}: 29840.5/10$
 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: -1.938 ± 0.009 $\chi^2/\text{NDF}: 48904.9/20$
 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: -1.951 ± 0.011 $\chi^2/\text{NDF}: 107676.3/27$
 All: -1.632 ± 0.008 $\chi^2/\text{NDF}: 139596.6/53$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -0.061+/-0.028 χ^2/NDF :14.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.056+/-0.028 χ^2/NDF :11.1/9

Left: -0.058+/-0.020 χ^2/NDF : 25.1/20

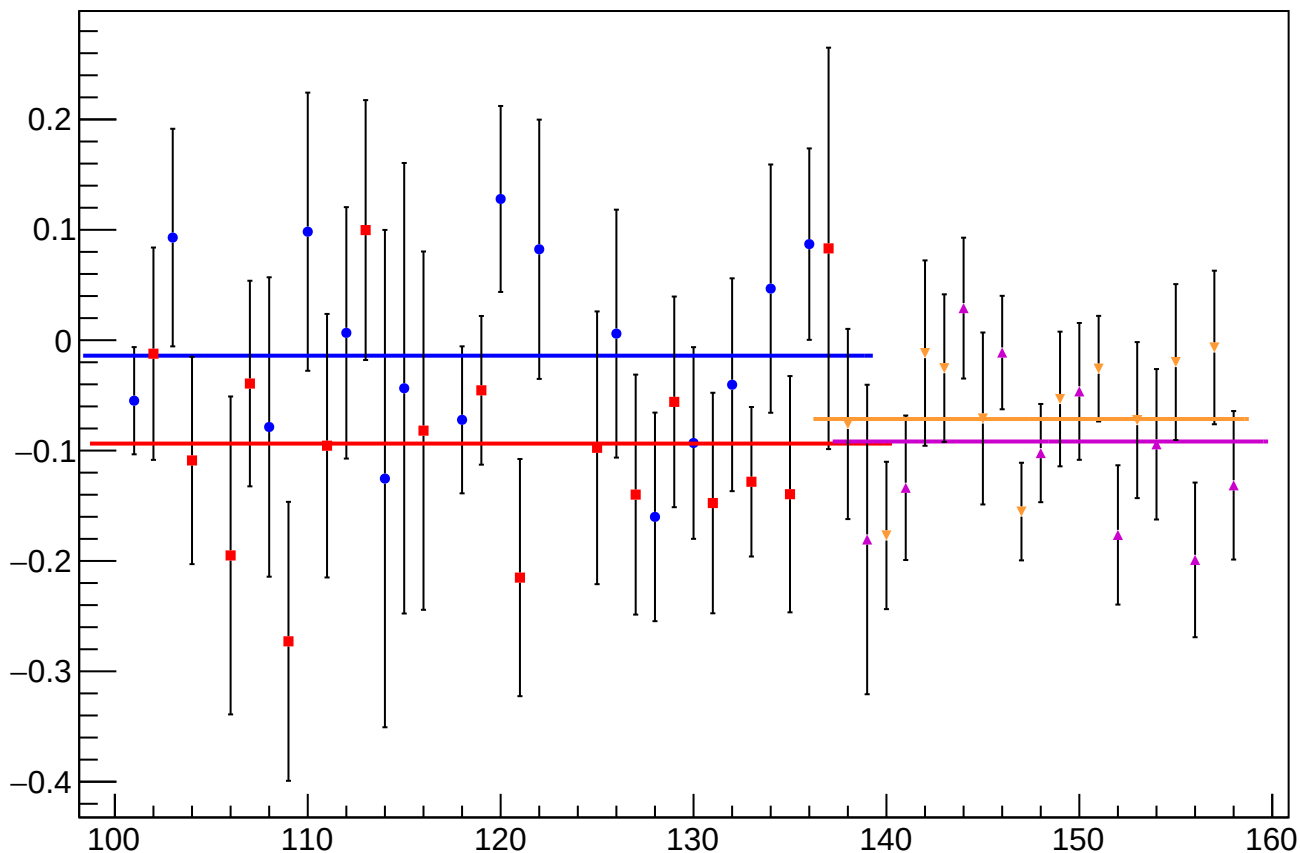
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -0.056+/-0.028 χ^2/NDF :11.1/9

Out: -0.061+/-0.028 χ^2/NDF :14.0/10

All: -0.058+/-0.020 χ^2/NDF : 25.1/20

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: -0.071 ± 0.019 $\chi^2/\text{NDF}: 9.5/10$

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: -0.081 ± 0.014 $\chi^2/\text{NDF}: 22.0/20$

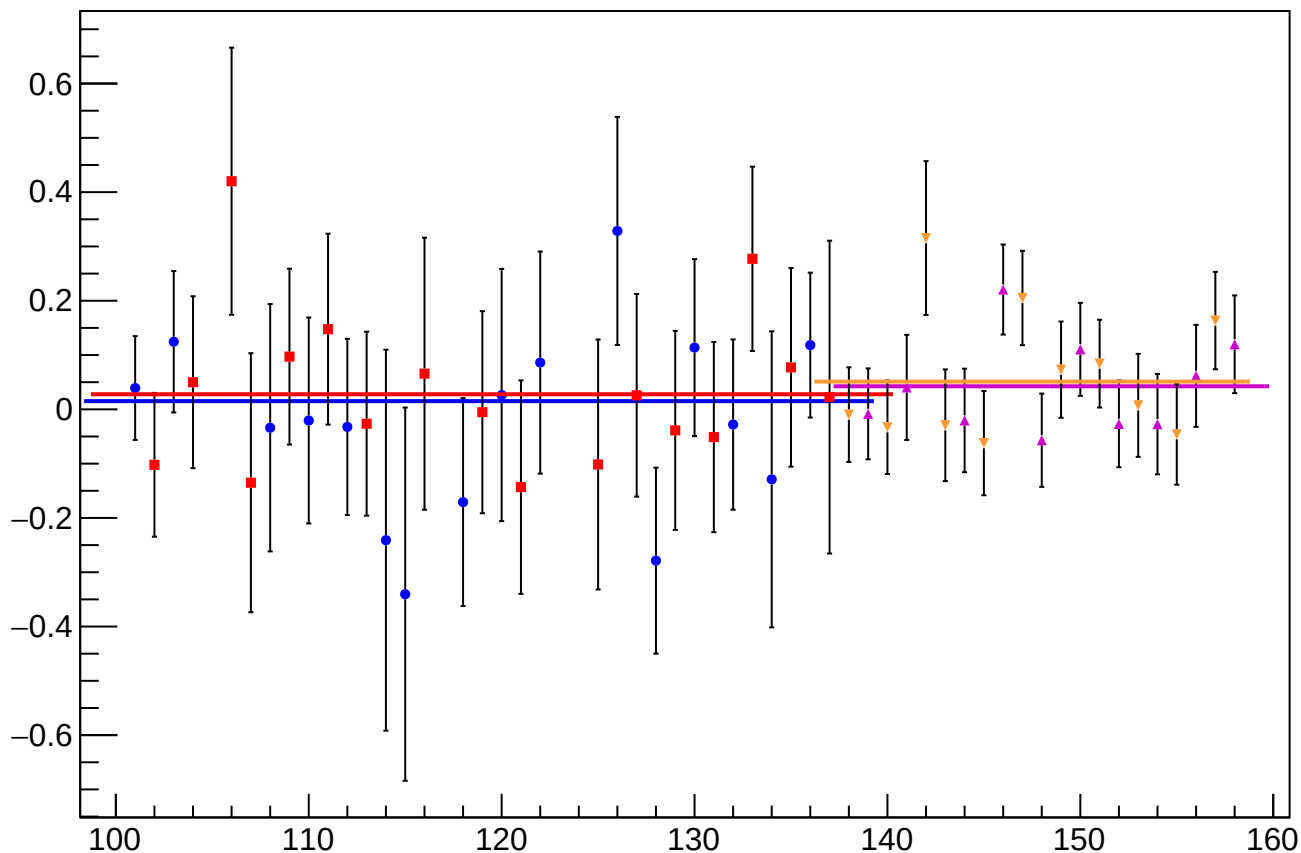
Right: -0.051 ± 0.017 $\chi^2/\text{NDF}: 28.1/32$

In: -0.059 ± 0.015 $\chi^2/\text{NDF}: 30.9/25$

Out: -0.080 ± 0.015 $\chi^2/\text{NDF}: 20.1/27$

All: -0.069 ± 0.011 $\chi^2/\text{NDF}: 51.9/53$

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: 0.051 $\pm$ 0.028 χ^2 /NDF:13.2/10

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: 0.047 $\pm$ 0.020 χ^2 /NDF: 22.7/20

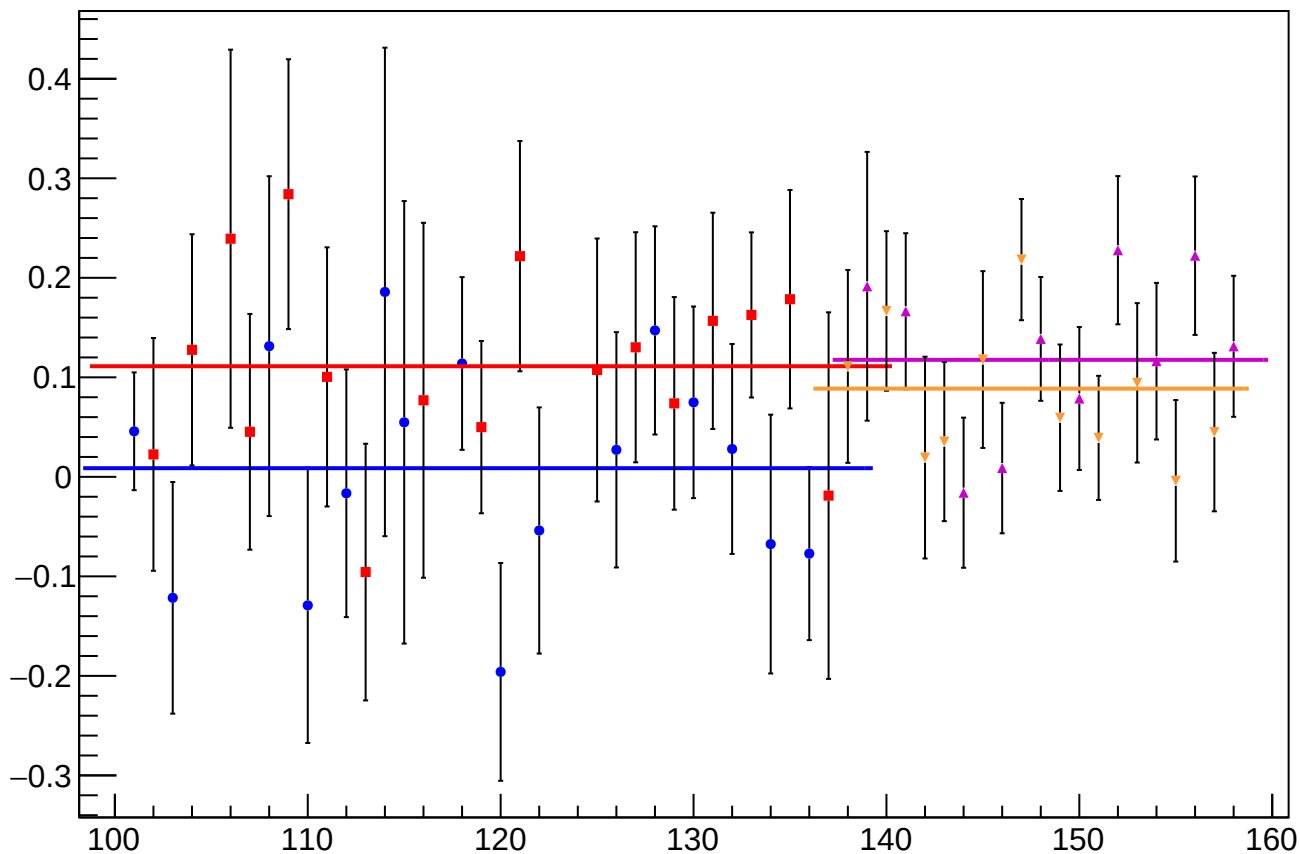
Right: 0.021 $\pm$ 0.031 χ^2 /NDF: 18.6/32

In: 0.034 $\pm$ 0.023 χ^2 /NDF:19.9/25

Out: 0.045 $\pm$ 0.024 χ^2 /NDF:21.8/27

All: 0.039 $\pm$ 0.017 χ^2 /NDF: 41.8/53

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.027 χ^2 /NDF: 12.6/15

Left Out: 0.089 $\pm$ 0.023 χ^2 /NDF: 9.0/10

Right Out: 0.111 $\pm$ 0.029 χ^2 /NDF: 8.6/16

Left In: 0.118 $\pm$ 0.024 χ^2 /NDF: 10.9/9

Left: 0.103 $\pm$ 0.017 χ^2 /NDF: 20.6/20

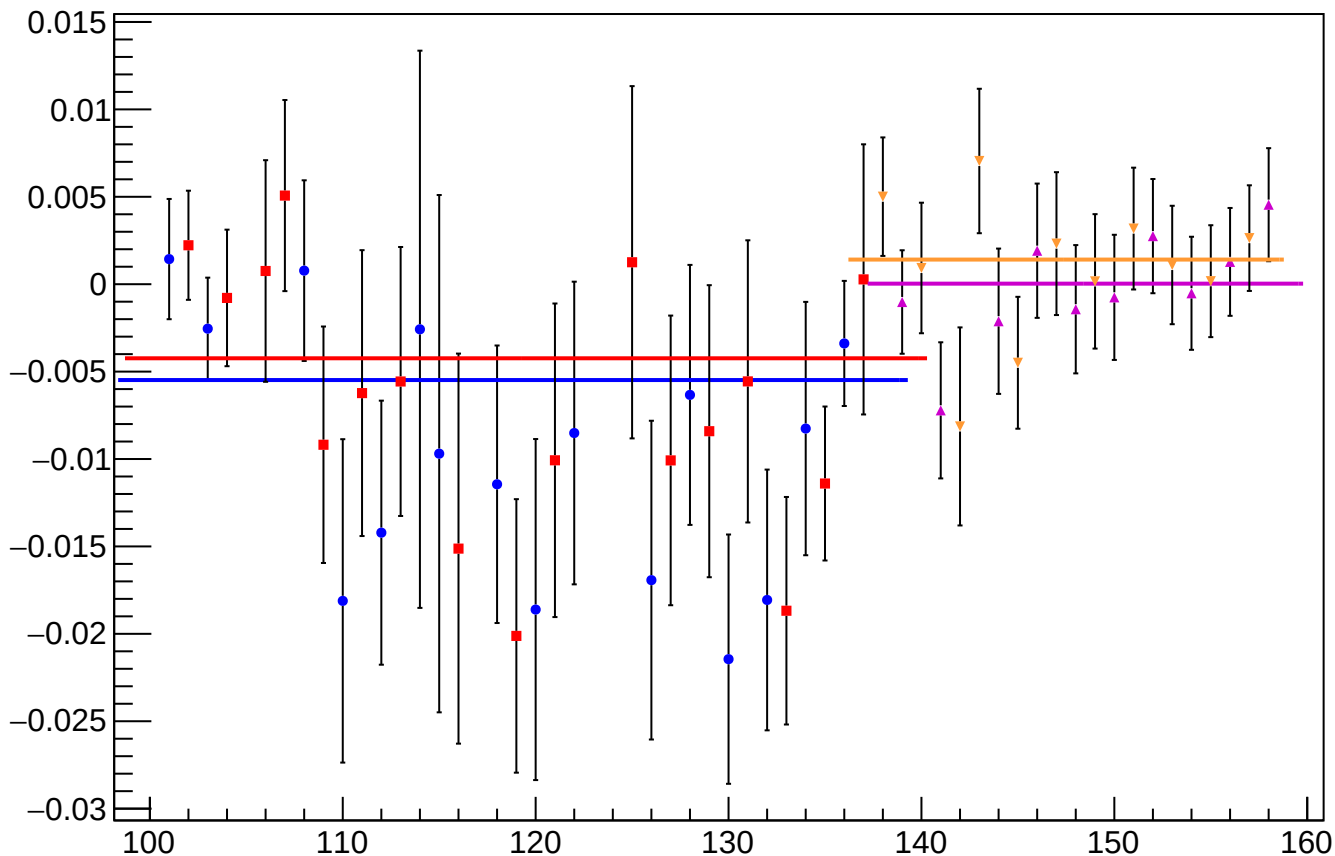
Right: 0.057 $\pm$ 0.020 χ^2 /NDF: 28.0/32

In: 0.070 $\pm$ 0.018 χ^2 /NDF: 32.7/25

Out: 0.098 $\pm$ 0.018 χ^2 /NDF: 17.9/27

All: 0.084 $\pm$ 0.013 χ^2 /NDF: 51.8/53

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 : 9.0/10

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 : 17.0/20

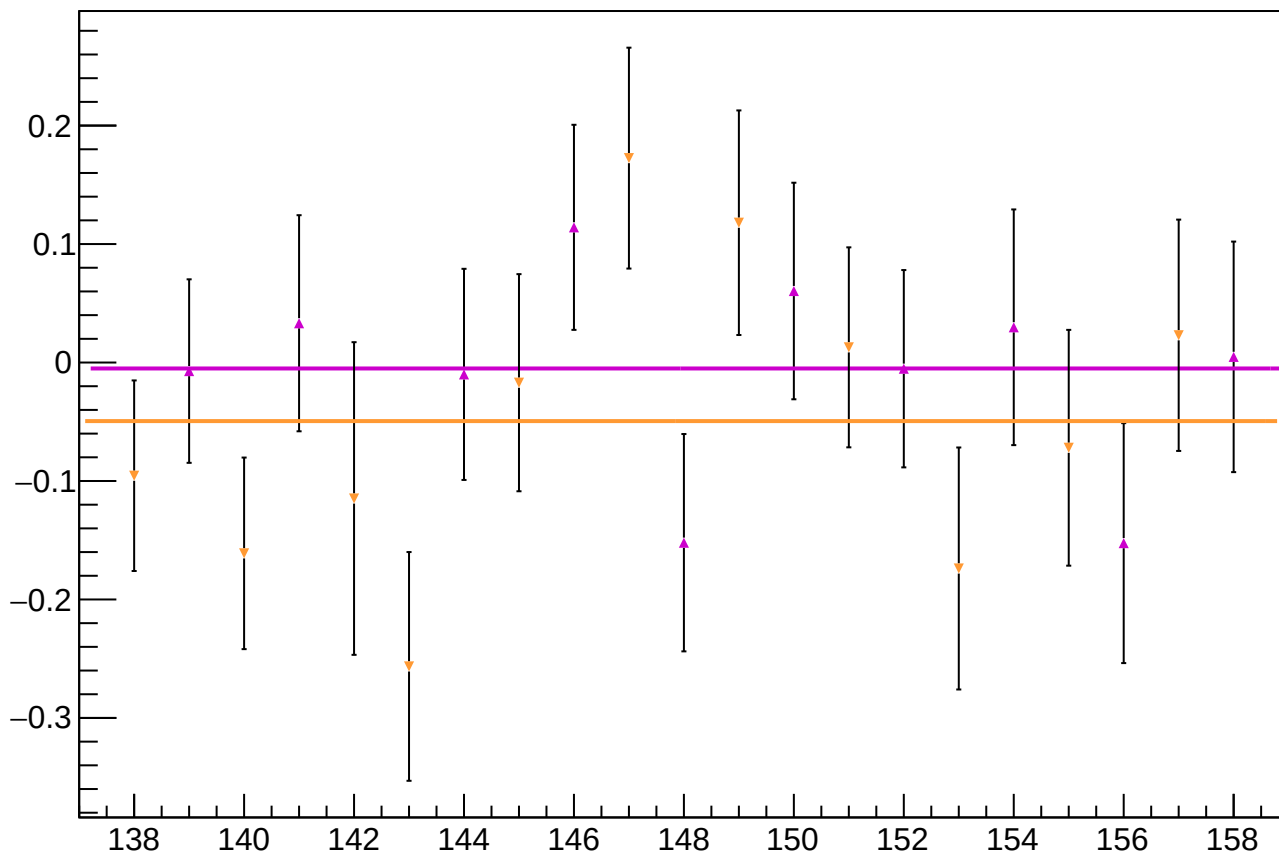
Right: -0.005 ± 0.001 χ^2/NDF : 46.3/32

In: -0.002 ± 0.001 χ^2/NDF : 38.8/25

Out: -0.001 ± 0.001 χ^2/NDF : 42.2/27

All: -0.001 ± 0.001 χ^2/NDF : 82.1/53

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: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

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: -0.027 $\pm$ 0.020 χ^2 /NDF: 27.3/20

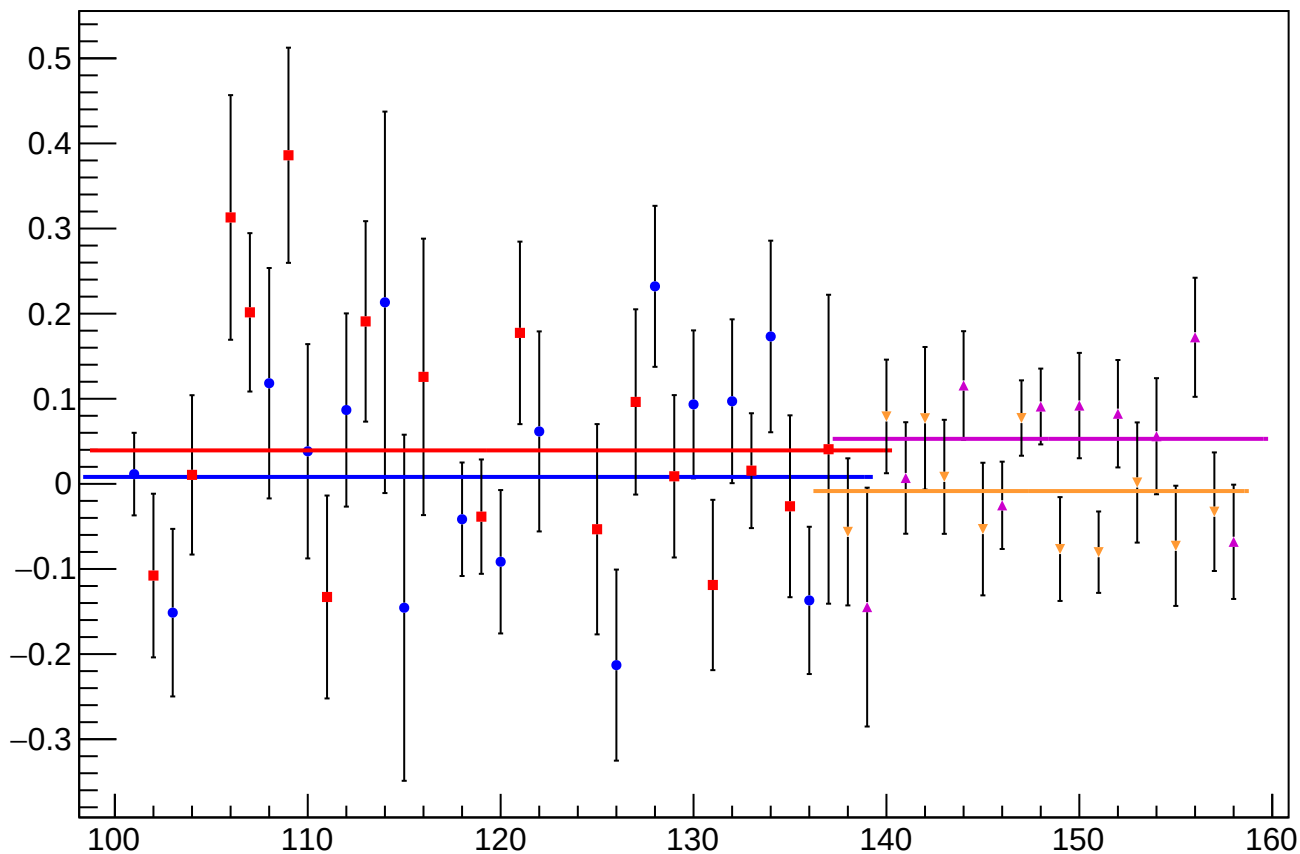
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -0.005 $\pm$ 0.028 χ^2 /NDF:7.4/9

Out: -0.049 $\pm$ 0.028 χ^2 /NDF:18.6/10

All: -0.027 $\pm$ 0.020 χ^2 /NDF: 27.3/20

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: -0.008 ± 0.019 $\chi^2/\text{NDF}: 11.7/10$

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: 0.021 ± 0.014 $\chi^2/\text{NDF}: 29.9/20$

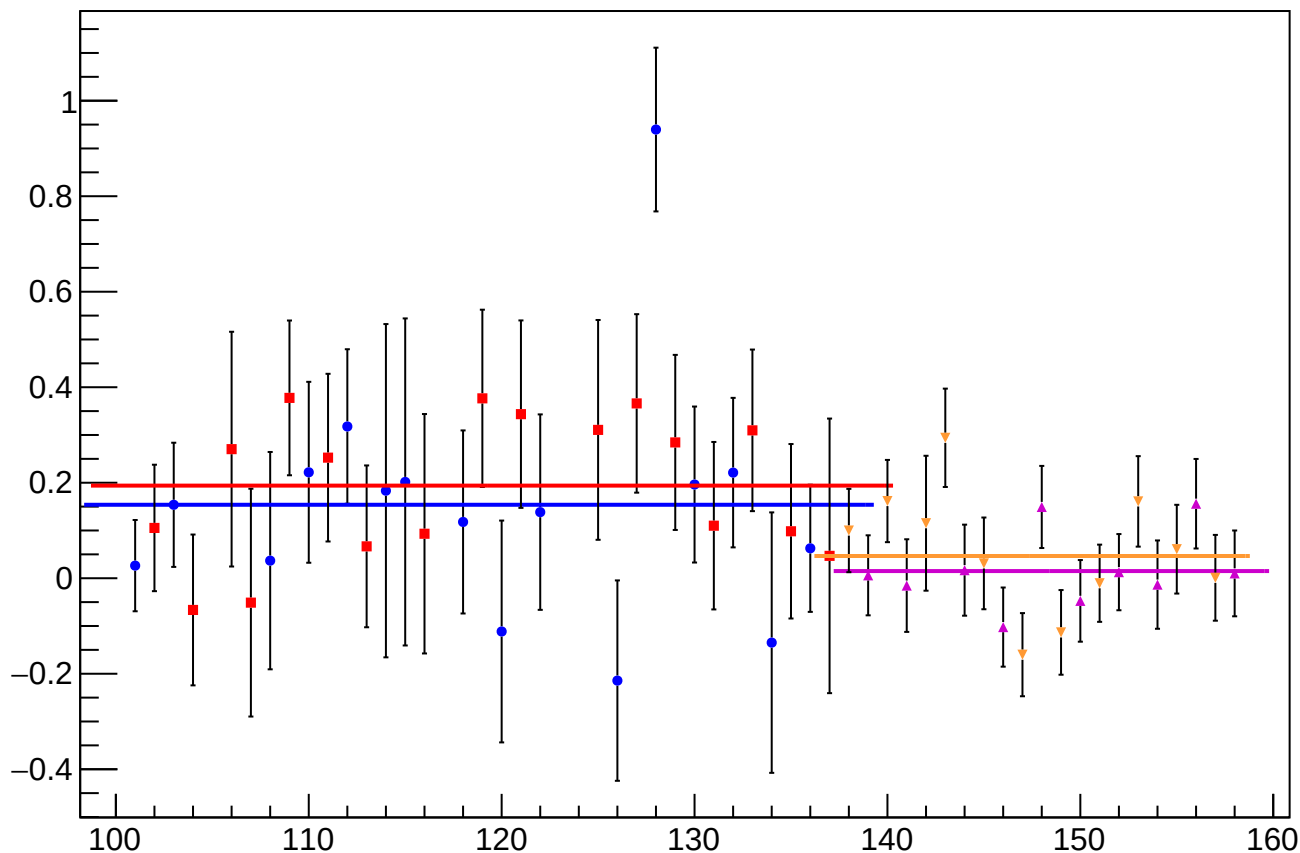
Right: 0.023 ± 0.017 $\chi^2/\text{NDF}: 52.1/32$

In: 0.034 ± 0.015 $\chi^2/\text{NDF}: 39.1/25$

Out: 0.010 ± 0.015 $\chi^2/\text{NDF}: 41.6/27$

All: 0.022 ± 0.011 $\chi^2/\text{NDF}: 82.0/53$

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154 $\pm$ 0.043 χ^2 /NDF: 30.5/15

Left Out: 0.047 $\pm$ 0.028 χ^2 /NDF:19.3/10

Right Out: 0.194 $\pm$ 0.045 χ^2 /NDF: 10.6/16

Left In: 0.015 $\pm$ 0.028 χ^2 /NDF:7.4/9

Left: 0.031 $\pm$ 0.020 χ^2 /NDF: 27.4/20

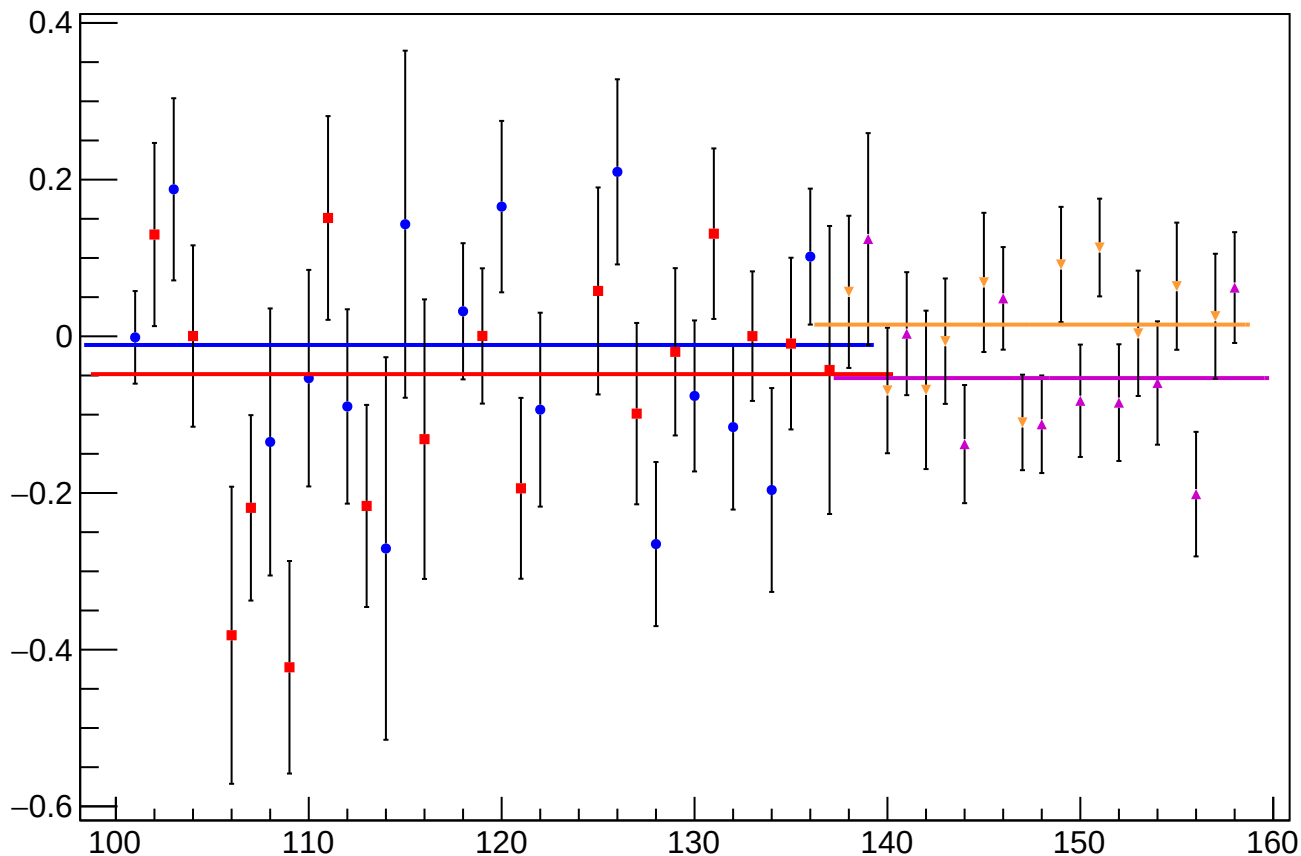
Right: 0.173 $\pm$ 0.031 χ^2 /NDF: 41.5/32

In: 0.056 $\pm$ 0.023 χ^2 /NDF:45.3/25

Out: 0.088 $\pm$ 0.024 χ^2 /NDF:37.6/27

All: 0.072 $\pm$ 0.017 χ^2 /NDF: 83.9/53

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: 0.015 ± 0.023 χ^2/NDF : 10.6/10

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: -0.019 ± 0.017 χ^2/NDF : 28.1/20

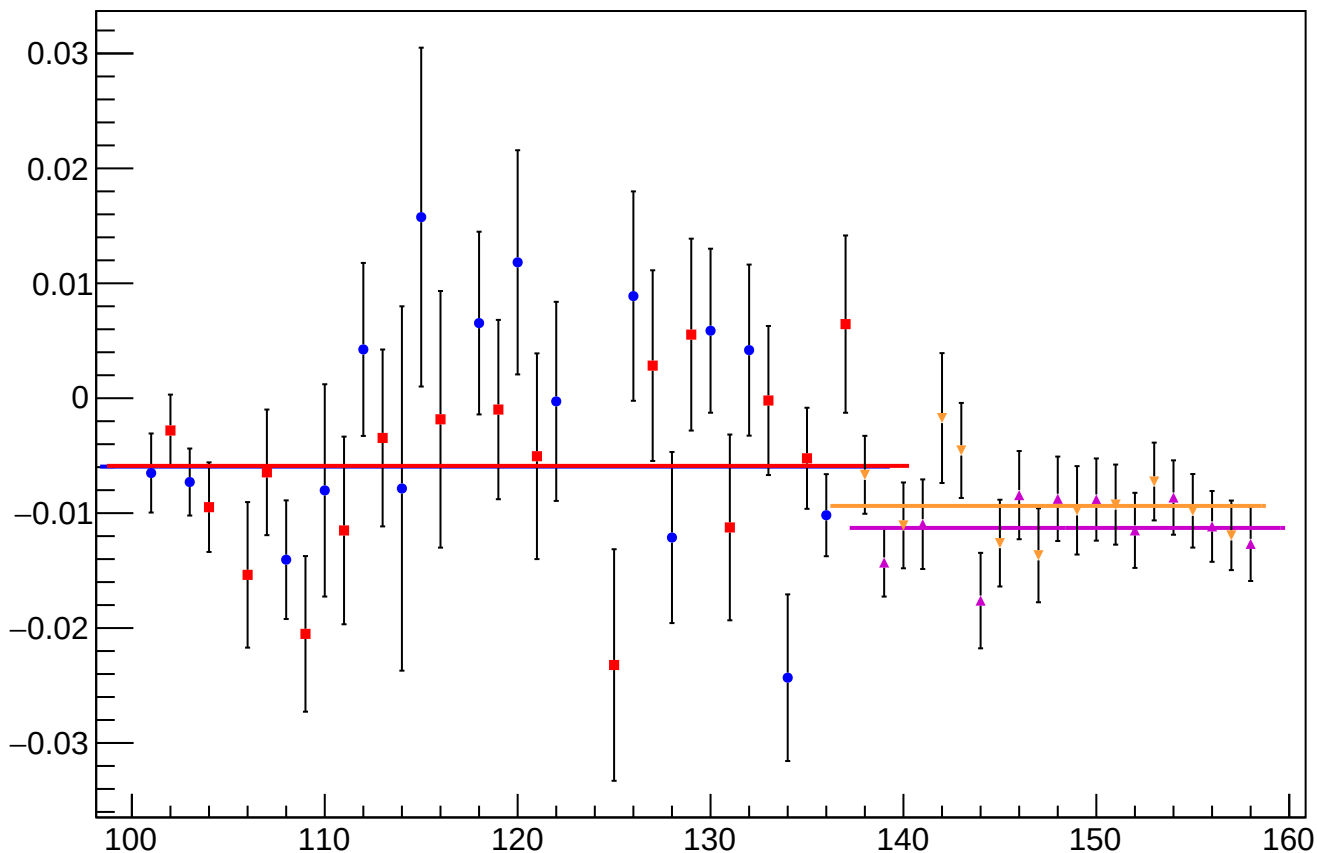
Right: -0.029 ± 0.020 χ^2/NDF : 49.9/32

In: -0.035 ± 0.018 χ^2/NDF : 38.1/25

Out: -0.010 ± 0.018 χ^2/NDF : 39.1/27

All: -0.023 ± 0.013 χ^2/NDF : 78.1/53

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.006 ± 0.001 χ^2/NDF : 28.7/15

Left Out: -0.009 ± 0.001 χ^2/NDF : 7.0/10

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 : 14.3/20

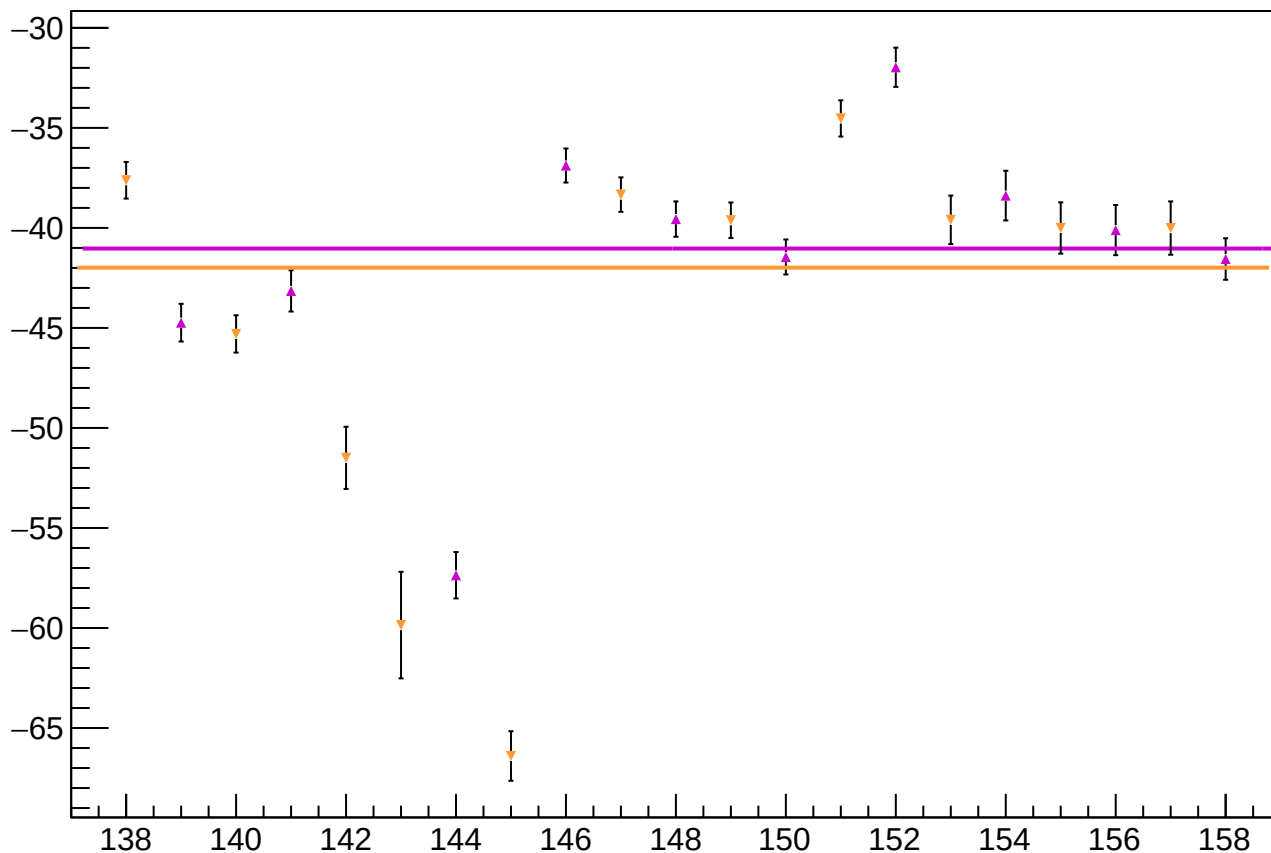
Right: -0.006 ± 0.001 χ^2/NDF : 48.3/32

In: -0.009 ± 0.001 χ^2/NDF : 43.2/25

Out: -0.008 ± 0.001 χ^2/NDF : 30.2/27

All: -0.009 ± 0.001 χ^2/NDF : 74.4/53

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: -41.986+/-0.329 χ^2/NDF :607.0/10

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: -41.488+/-0.228 χ^2/NDF : 946.8/20

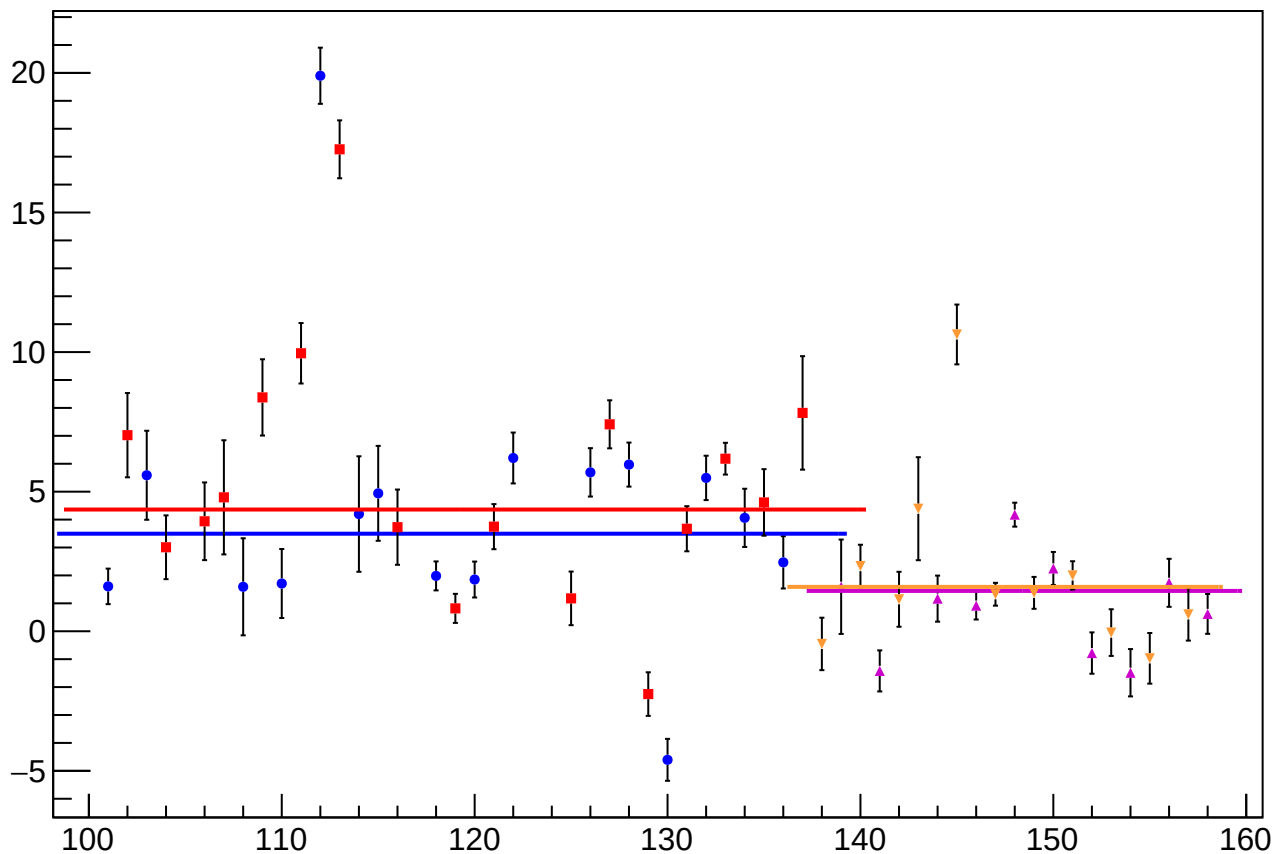
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -41.030+/-0.316 χ^2/NDF :335.3/9

Out: -41.986+/-0.329 χ^2/NDF :607.0/10

All: -41.488+/-0.228 χ^2/NDF : 946.8/20

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.494 $\pm$ 0.218 χ^2 /NDF: 444.9/15

Left Out: 1.589 $\pm$ 0.214 χ^2 /NDF:93.5/10

Right Out: 4.360 $\pm$ 0.225 χ^2 /NDF: 351.0/16

Left In: 1.445 $\pm$ 0.211 χ^2 /NDF:81.3/9

Left: 1.516 $\pm$ 0.150 χ^2 /NDF: 175.0/20

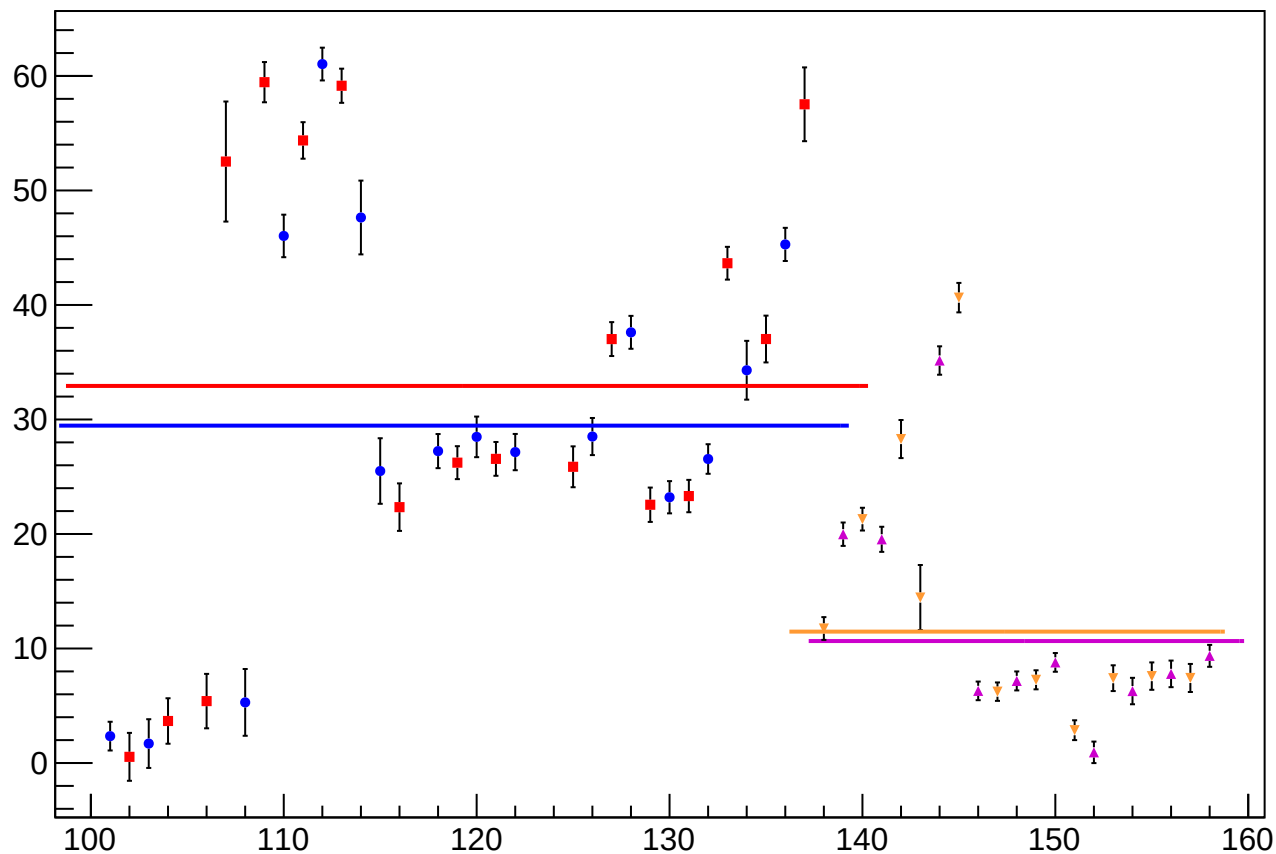
Right: 3.912 $\pm$ 0.157 χ^2 /NDF: 803.5/32

In: 2.436 $\pm$ 0.151 χ^2 /NDF:571.9/25

Out: 2.906 $\pm$ 0.155 χ^2 /NDF:523.9/27

All: 2.664 $\pm$ 0.108 χ^2 /NDF: 1100.5/53

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: 11.475 $\pm$ 0.323 χ^2/NDF :916.9/10

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: 11.042 $\pm$ 0.222 χ^2/NDF : 1640.1/20

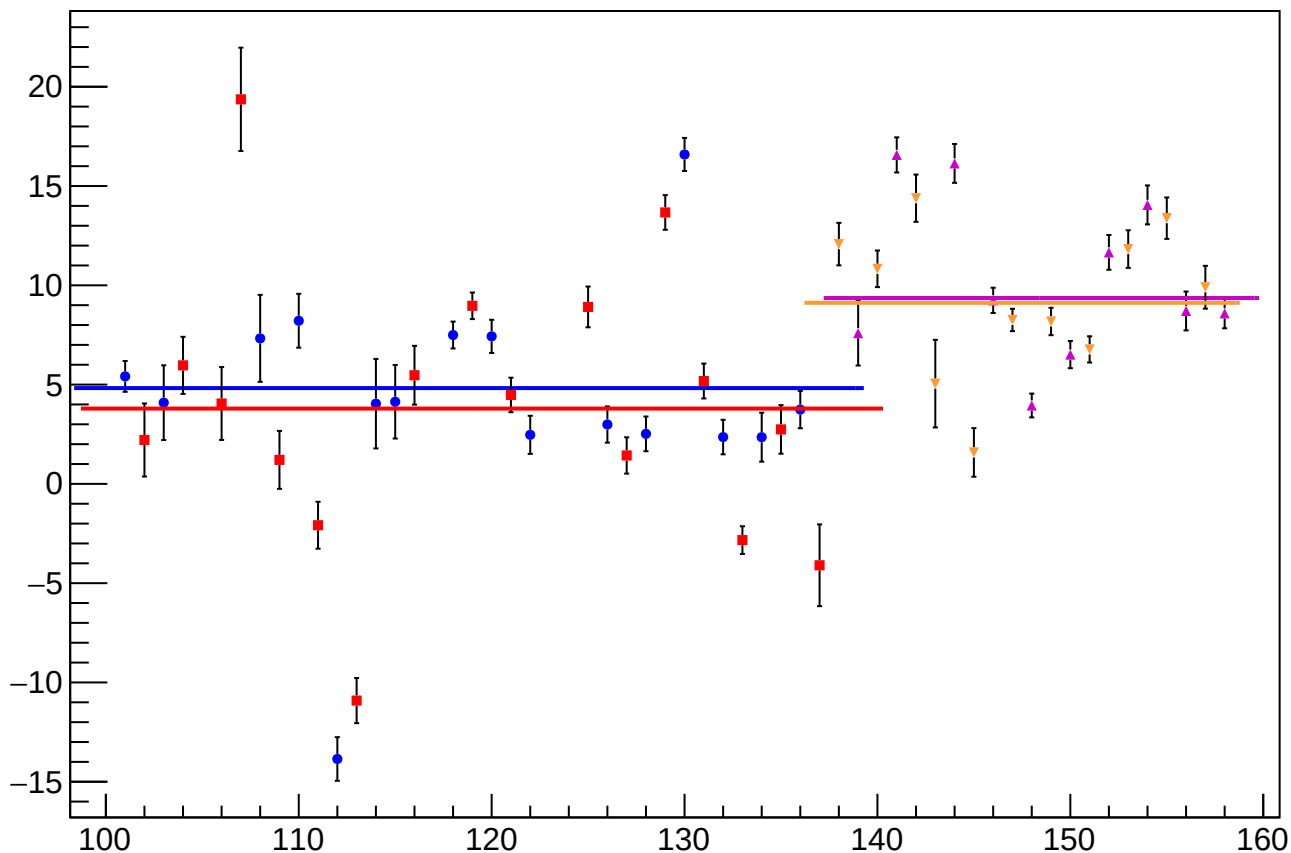
Right: 31.172 $\pm$ 0.297 χ^2/NDF : 3150.0/32

In: 17.249 $\pm$ 0.247 χ^2/NDF :3529.5/25

Out: 19.360 $\pm$ 0.257 χ^2/NDF :4164.6/27

All: 18.265 $\pm$ 0.178 χ^2/NDF : 7729.1/53

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.824 $\pm$ 0.252 χ^2 /NDF: 552.9/15

Left Out: 9.118 $\pm$ 0.267 χ^2 /NDF:114.1/10

Right Out: 3.792 $\pm$ 0.259 χ^2 /NDF: 563.6/16

Left In: 9.362 $\pm$ 0.256 χ^2 /NDF:245.6/9

Left: 9.245 $\pm$ 0.185 χ^2 /NDF: 360.1/20

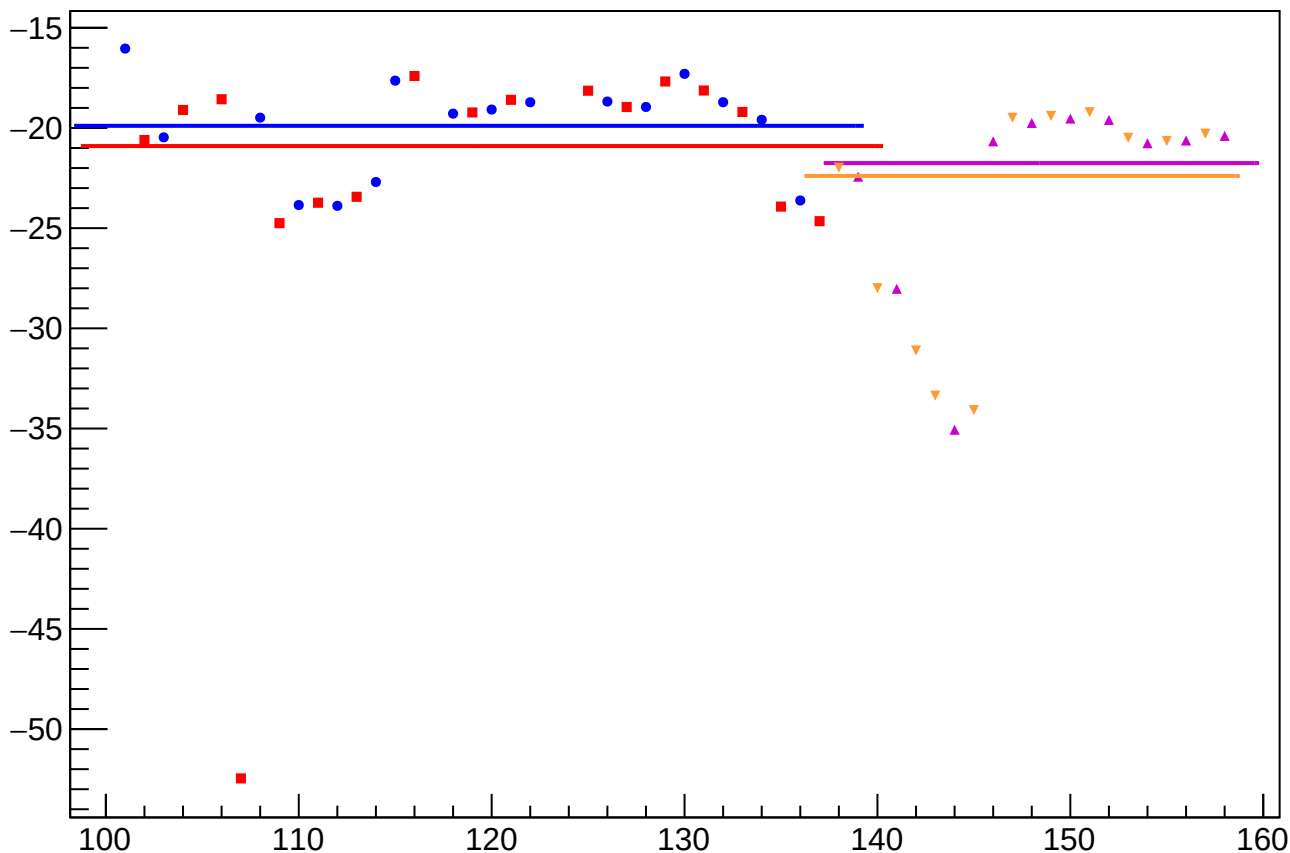
Right: 4.323 $\pm$ 0.180 χ^2 /NDF: 1124.7/32

In: 7.053 $\pm$ 0.180 χ^2 /NDF:958.2/25

Out: 6.377 $\pm$ 0.186 χ^2 /NDF:883.0/27

All: 6.727 $\pm$ 0.129 χ^2 /NDF: 1848.0/53

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.892 ± 0.016 $\chi^2/\text{NDF}: 26092.3/15$

Left Out: -22.393 ± 0.013 $\chi^2/\text{NDF}: 122241.3/10$

Right Out: -20.904 ± 0.016 $\chi^2/\text{NDF}: 92802.8/16$

Left In: -21.751 ± 0.012 $\chi^2/\text{NDF}: 94533.0/9$

Left: -22.048 ± 0.009 $\chi^2/\text{NDF}: 218071.6/20$

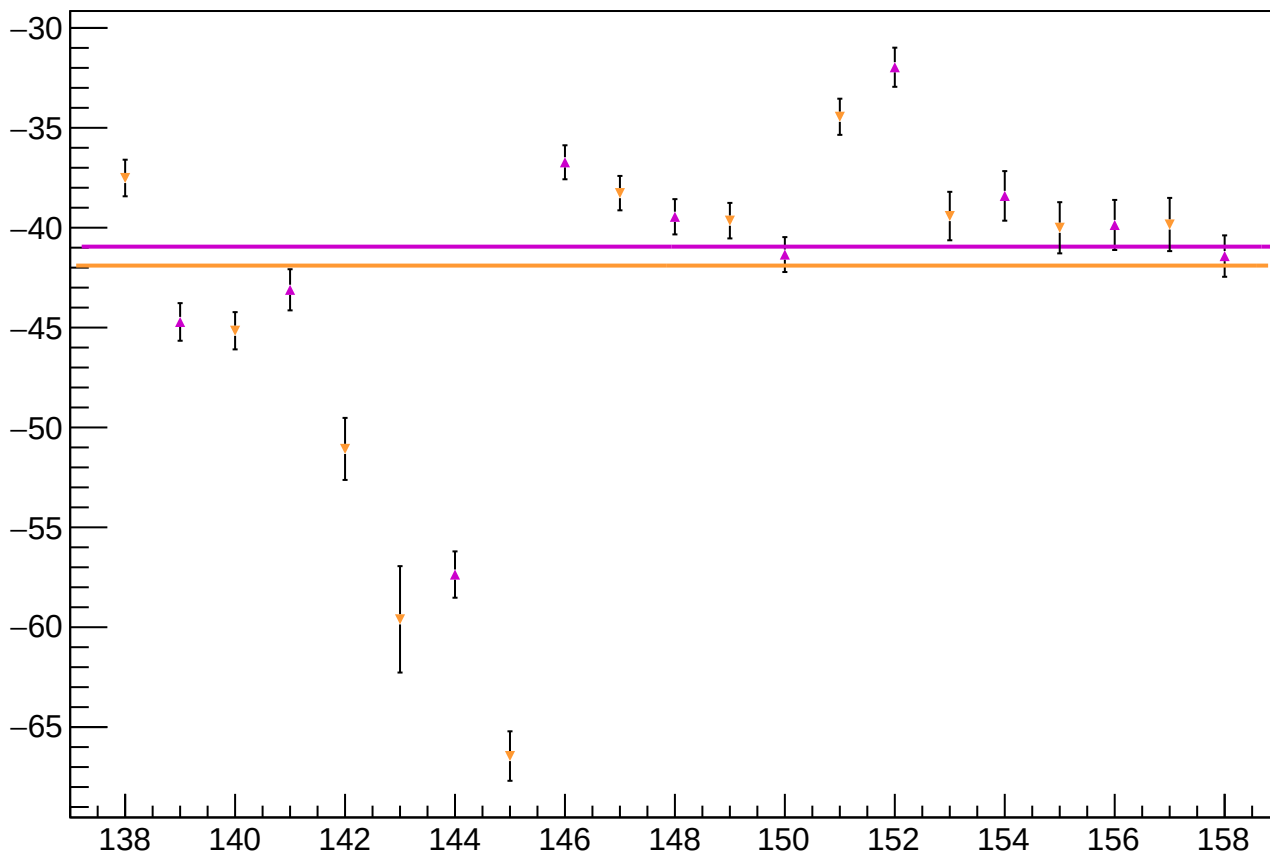
Right: -20.393 ± 0.011 $\chi^2/\text{NDF}: 120979.2/32$

In: -21.049 ± 0.010 $\chi^2/\text{NDF}: 129475.6/25$

Out: -21.784 ± 0.010 $\chi^2/\text{NDF}: 220340.1/27$

All: -21.398 ± 0.007 $\chi^2/\text{NDF}: 352611.6/53$

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: -41.897+/-0.329 χ^2/NDF : 607.8/10

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: -41.403+/-0.228 χ^2/NDF : 949.8/20

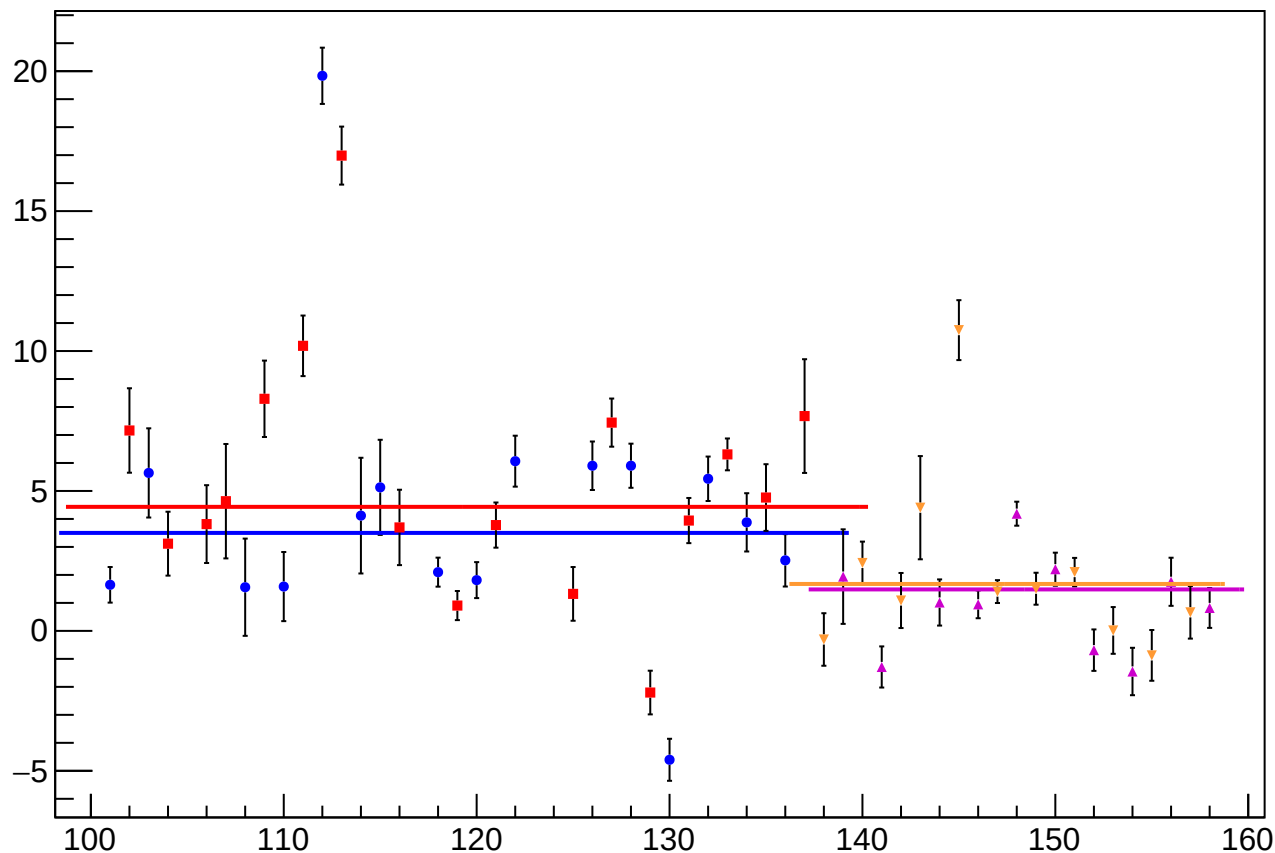
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -40.948+/-0.316 χ^2/NDF : 337.6/9

Out: -41.897+/-0.329 χ^2/NDF : 607.8/10

All: -41.403+/-0.228 χ^2/NDF : 949.8/20

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.501 ± 0.218 $\chi^2/\text{NDF}: 441.9/15$

Left Out: 1.677 ± 0.214 $\chi^2/\text{NDF}: 94.0/10$

Right Out: 4.432 ± 0.225 $\chi^2/\text{NDF}: 343.6/16$

Left In: 1.481 ± 0.210 $\chi^2/\text{NDF}: 78.6/9$

Left: 1.577 ± 0.150 $\chi^2/\text{NDF}: 173.1/20$

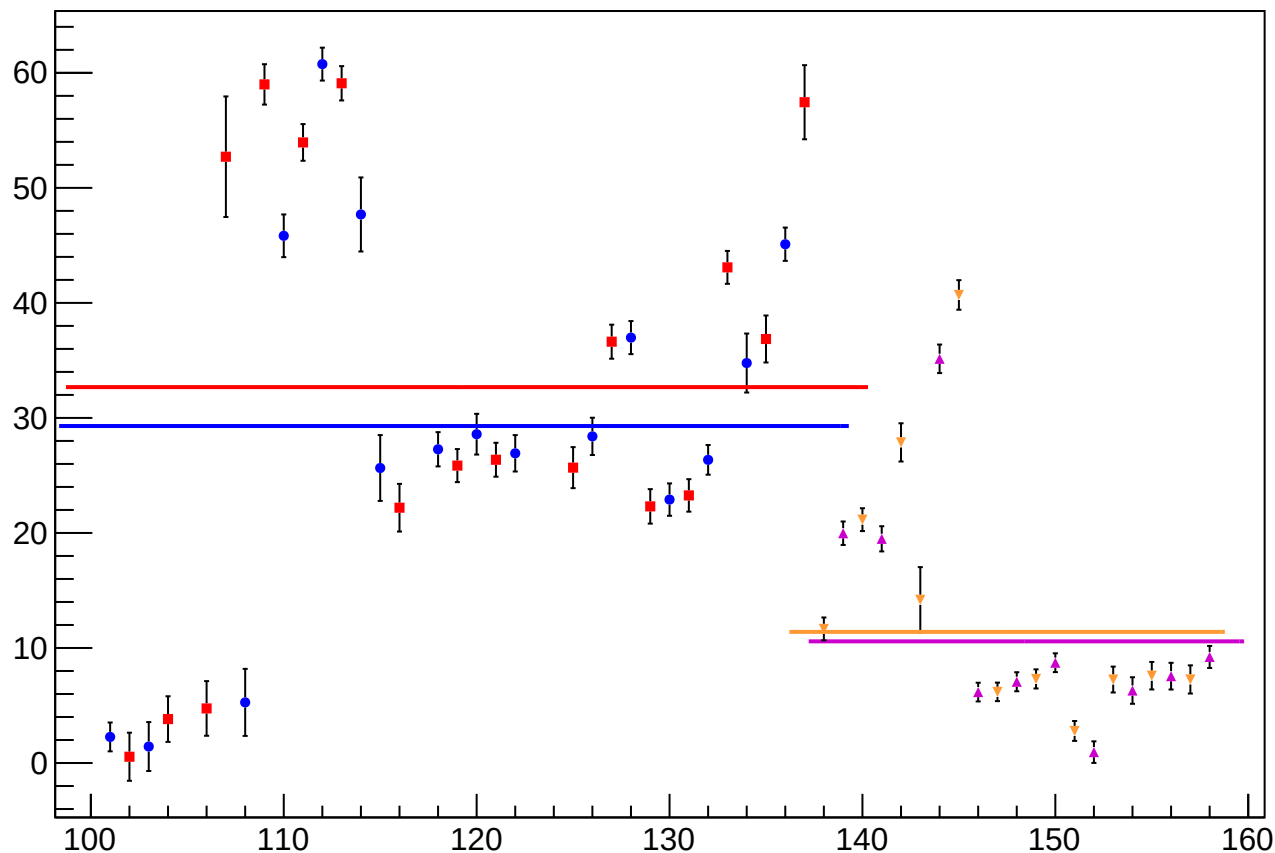
Right: 3.951 ± 0.156 $\chi^2/\text{NDF}: 794.3/32$

In: 2.458 ± 0.151 $\chi^2/\text{NDF}: 565.1/25$

Out: 2.986 ± 0.155 $\chi^2/\text{NDF}: 516.2/27$

All: 2.715 ± 0.108 $\chi^2/\text{NDF}: 1087.2/53$

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: 11.400 $\pm$ 0.323 χ^2 /NDF: 915.7/10

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: 10.967 $\pm$ 0.222 χ^2 /NDF: 1642.9/20

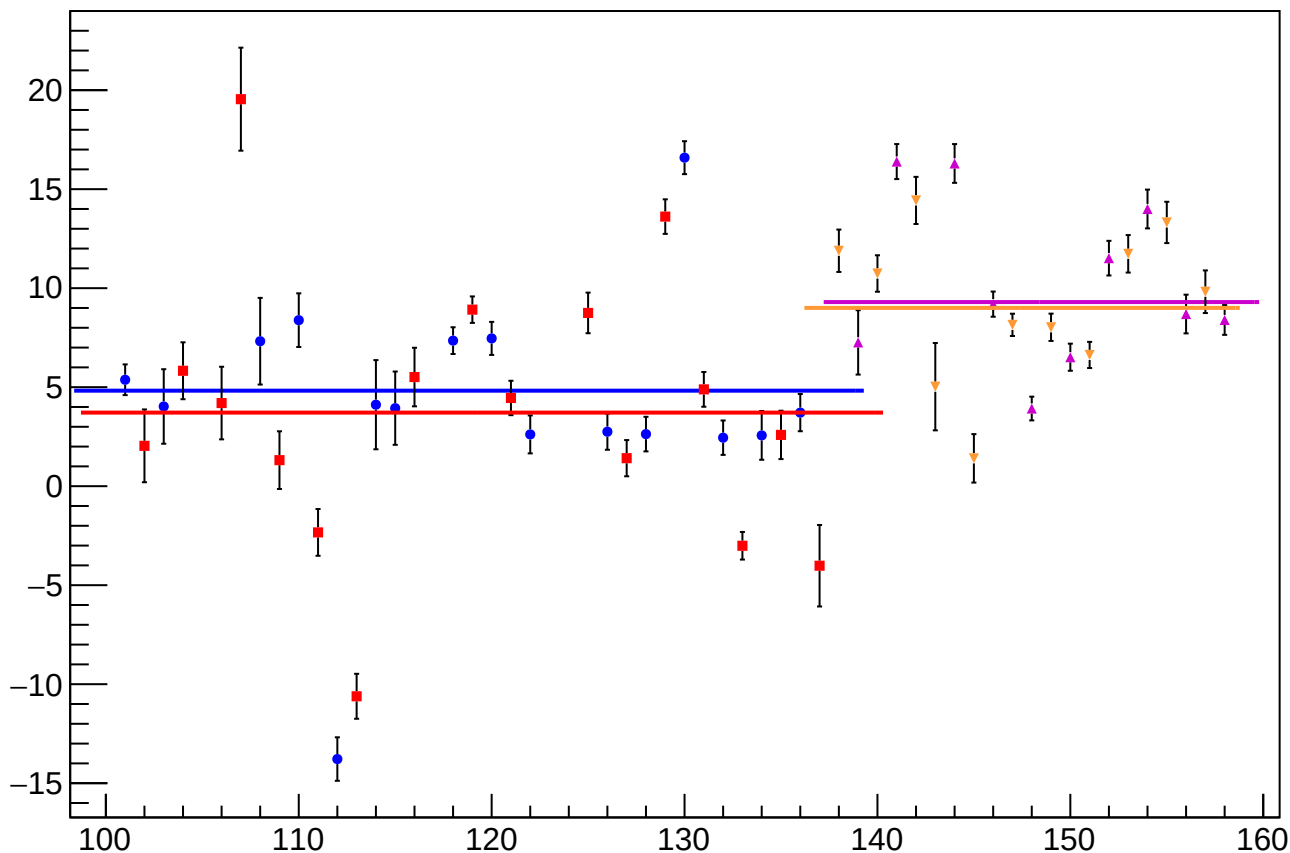
Right: 30.964 $\pm$ 0.297 χ^2 /NDF: 3132.4/32

In: 17.142 $\pm$ 0.247 χ^2 /NDF: 3516.1/25

Out: 19.222 $\pm$ 0.257 χ^2 /NDF: 4129.3/27

All: 18.143 $\pm$ 0.178 χ^2 /NDF: 7679.5/53

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: 9.004 ± 0.266 χ^2/NDF : 116.7/10

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: 9.158 ± 0.185 χ^2/NDF : 362.9/20

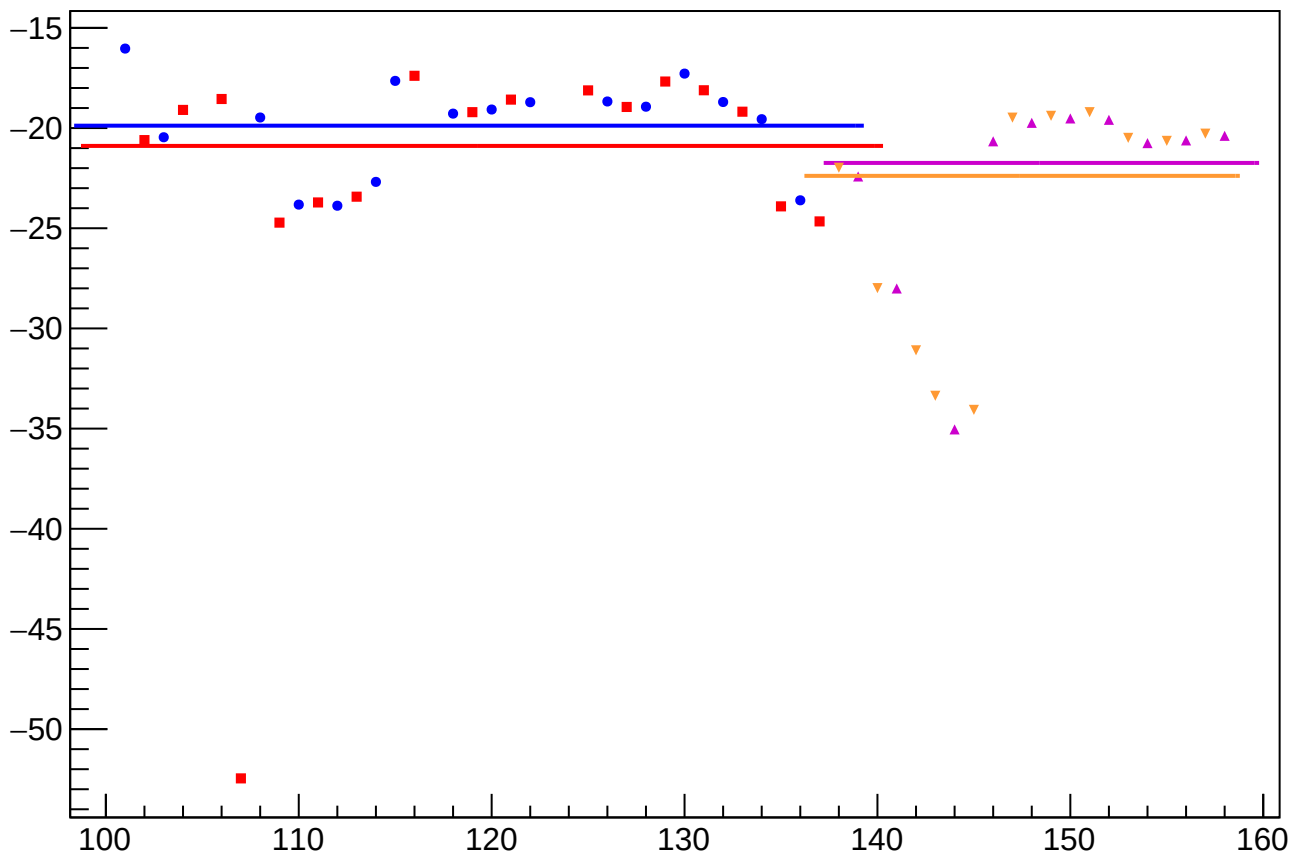
Right: 4.286 ± 0.180 χ^2/NDF : 1118.6/32

In: 7.022 ± 0.179 χ^2/NDF : 950.2/25

Out: 6.283 ± 0.186 χ^2/NDF : 879.3/27

All: 6.665 ± 0.129 χ^2/NDF : 1837.8/53

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -22.038 +/- 0.009 χ^2/NDF : 218121.1/20

Right: -20.381 +/- 0.011 χ^2/NDF : 121077.9/32

In: -21.038 +/- 0.010 χ^2/NDF : 129432.7/25

Out: -21.774 +/- 0.010 χ^2/NDF : 220583.0/27

All: -21.388 +/- 0.007 χ^2/NDF : 352822.1/53

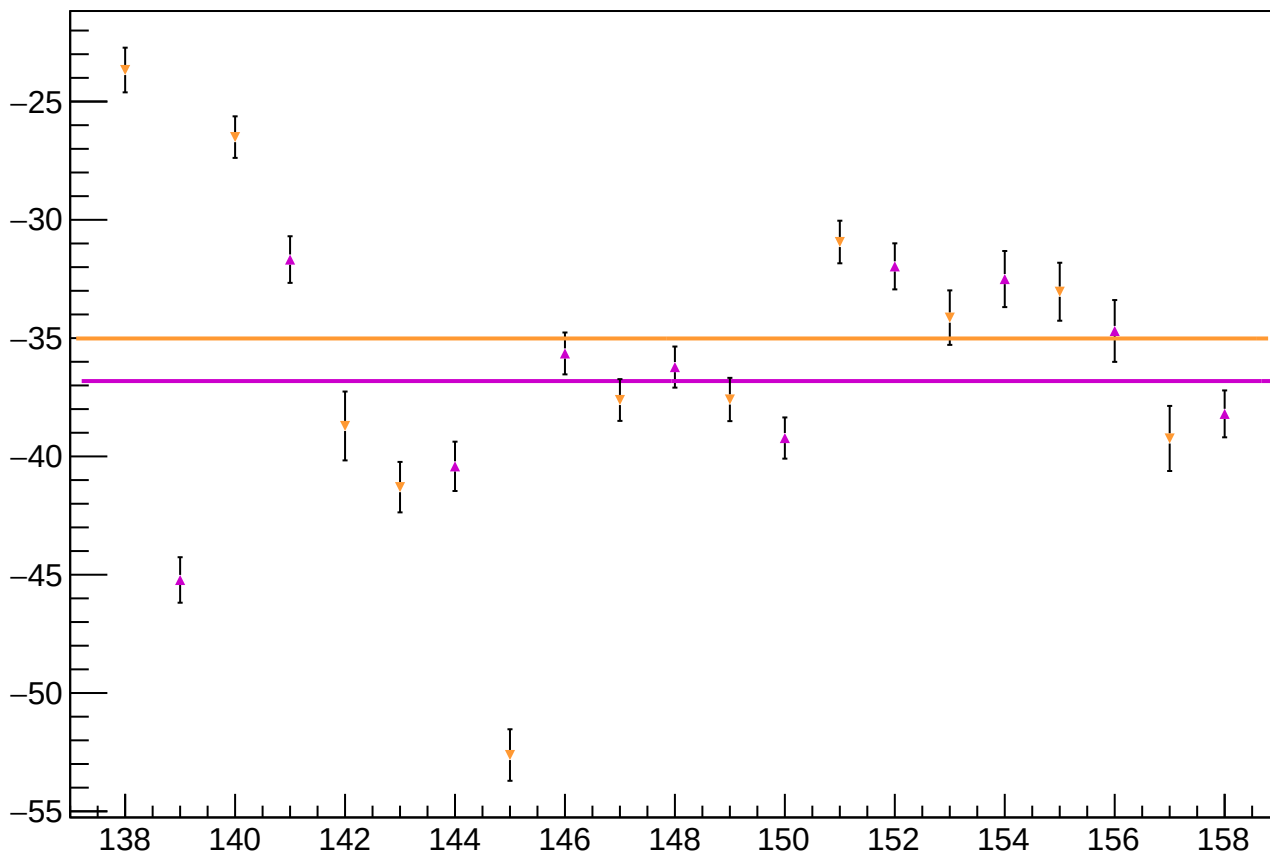
Right In: -19.880 +/- 0.016 χ^2/NDF : 26082.0/15

Left Out: -22.385 +/- 0.013 χ^2/NDF : 122333.9/10

Right Out: -20.891 +/- 0.016 χ^2/NDF : 92913.6/16

Left In: -21.740 +/- 0.012 χ^2/NDF : 94478.5/9

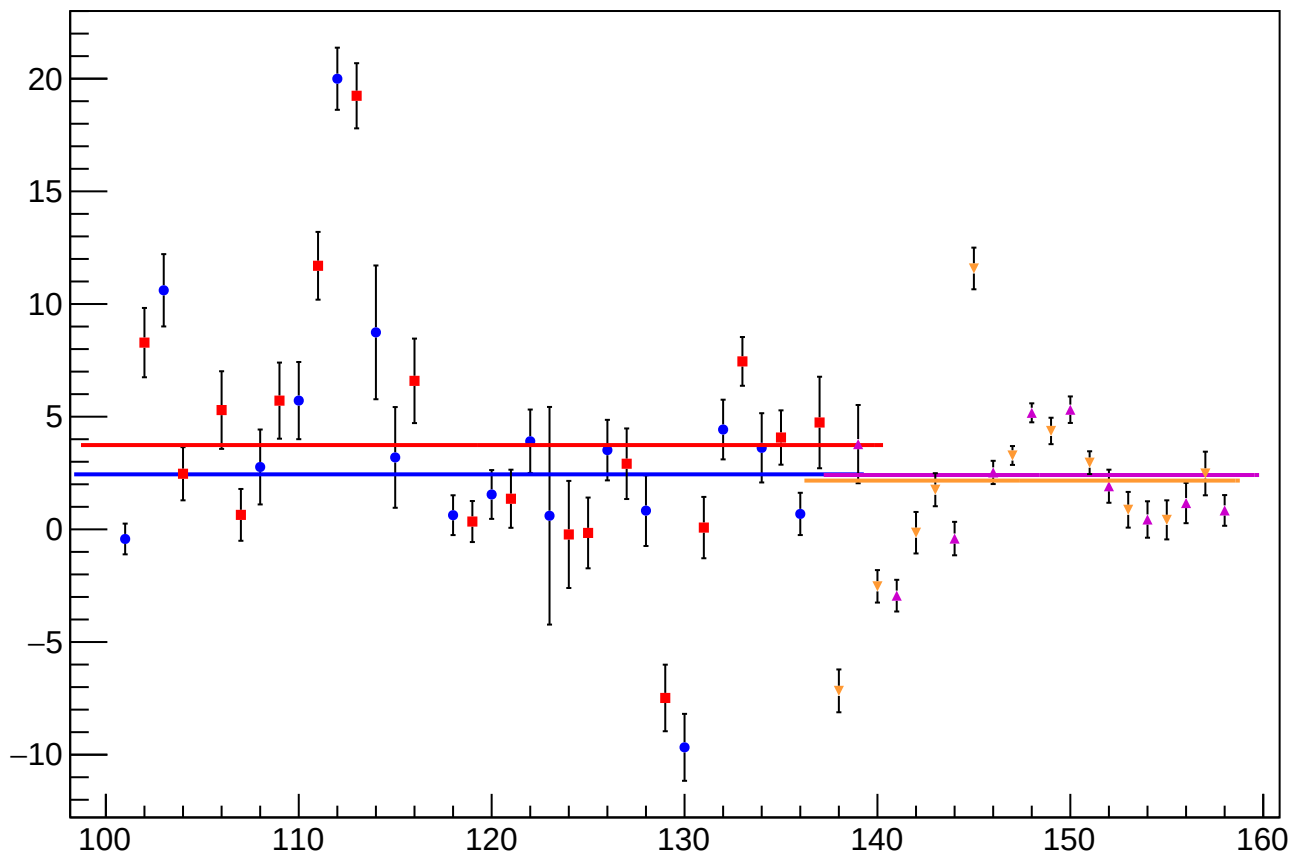
reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 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: -35.917+/-0.220 χ^2/NDF : 775.2/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.815+/-0.311 χ^2/NDF :168.0/9
 Out: -35.015+/-0.312 χ^2/NDF :590.5/10
 All: -35.917+/-0.220 χ^2/NDF : 775.2/20

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.441 $\pm$ 0.311 χ^2 /NDF: 294.7/16

Left Out: 2.164 $\pm$ 0.205 χ^2 /NDF:279.6/10

Right Out: 3.741 $\pm$ 0.327 χ^2 /NDF: 268.1/17

Left In: 2.412 $\pm$ 0.207 χ^2 /NDF:154.0/9

Left: 2.287 $\pm$ 0.146 χ^2 /NDF: 434.3/20

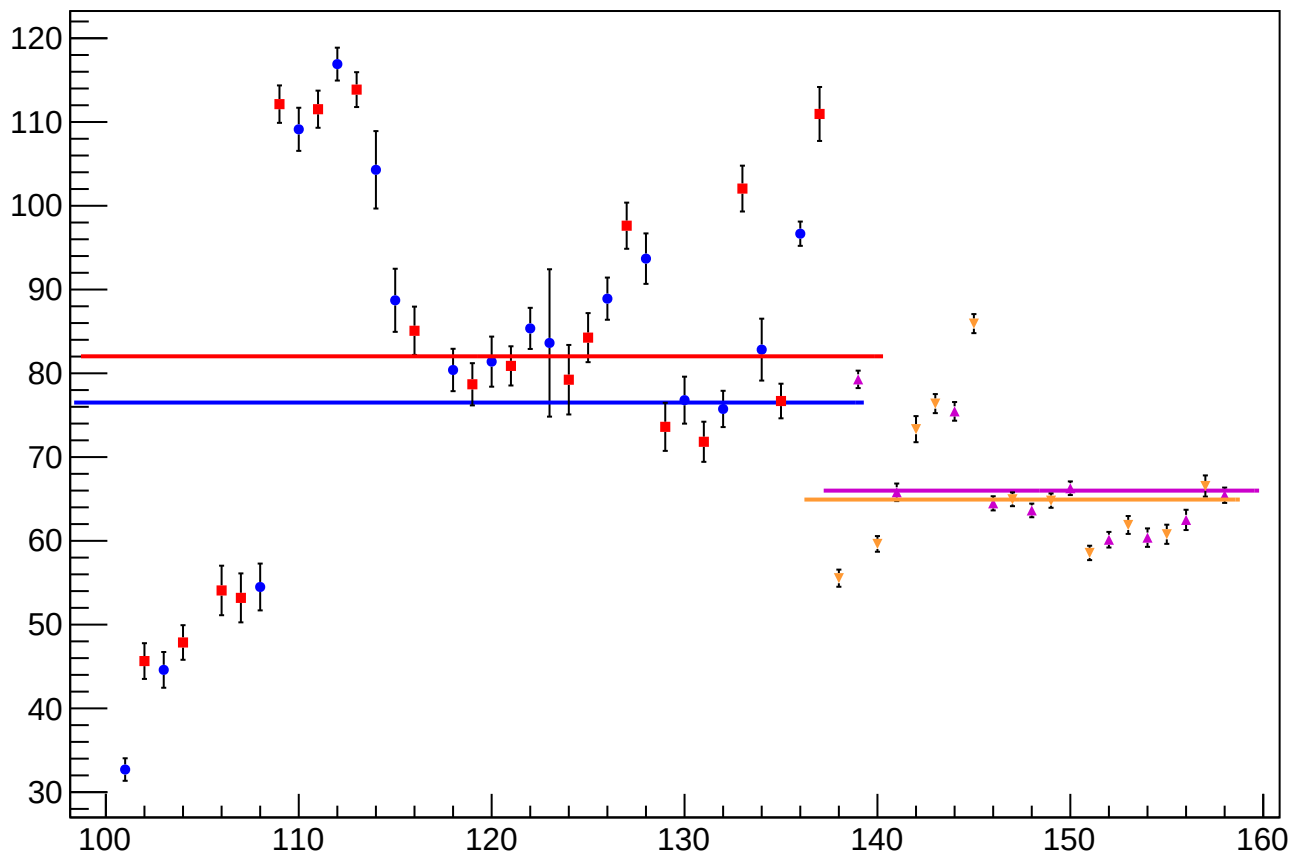
Right: 3.060 $\pm$ 0.225 χ^2 /NDF: 571.1/34

In: 2.421 $\pm$ 0.173 χ^2 /NDF:448.7/26

Out: 2.610 $\pm$ 0.174 χ^2 /NDF:564.5/28

All: 2.515 $\pm$ 0.122 χ^2 /NDF: 1013.7/55

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: 64.928 $\pm$ 0.308 χ^2 /NDF: 665.5/10

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: 65.472 $\pm$ 0.216 χ^2 /NDF: 992.3/20

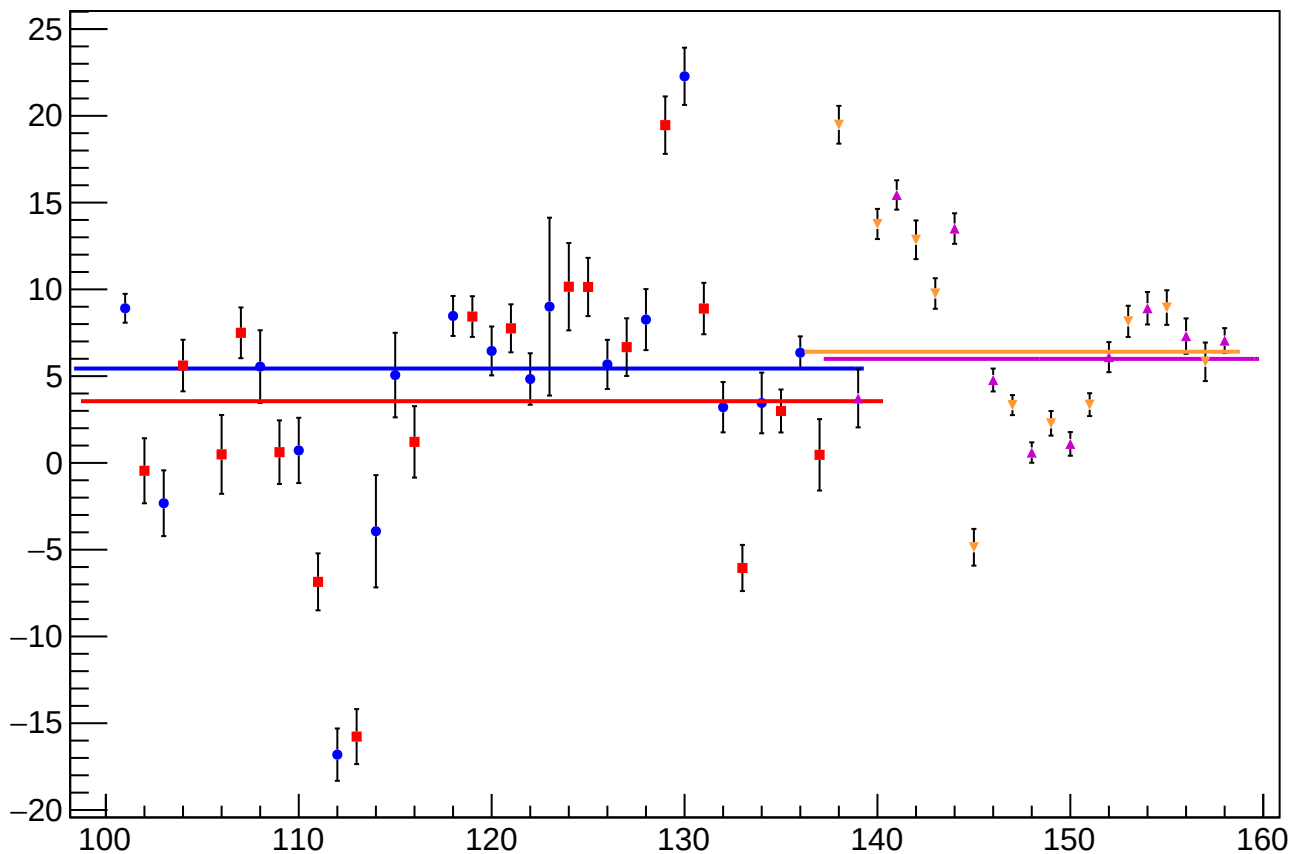
Right: 79.182 $\pm$ 0.412 χ^2 /NDF: 3843.6/34

In: 68.284 $\pm$ 0.268 χ^2 /NDF: 2833.9/26

Out: 68.572 $\pm$ 0.274 χ^2 /NDF: 2868.8/28

All: 68.425 $\pm$ 0.191 χ^2 /NDF: 5703.2/55

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.439 ± 0.358 χ^2/NDF : 386.2/16

Left Out: 6.408 ± 0.254 χ^2/NDF : 472.0/10

Right Out: 3.557 ± 0.375 χ^2/NDF : 420.6/17

Left In: 5.994 ± 0.252 χ^2/NDF : 351.8/9

Left: 6.199 ± 0.179 χ^2/NDF : 825.1/20

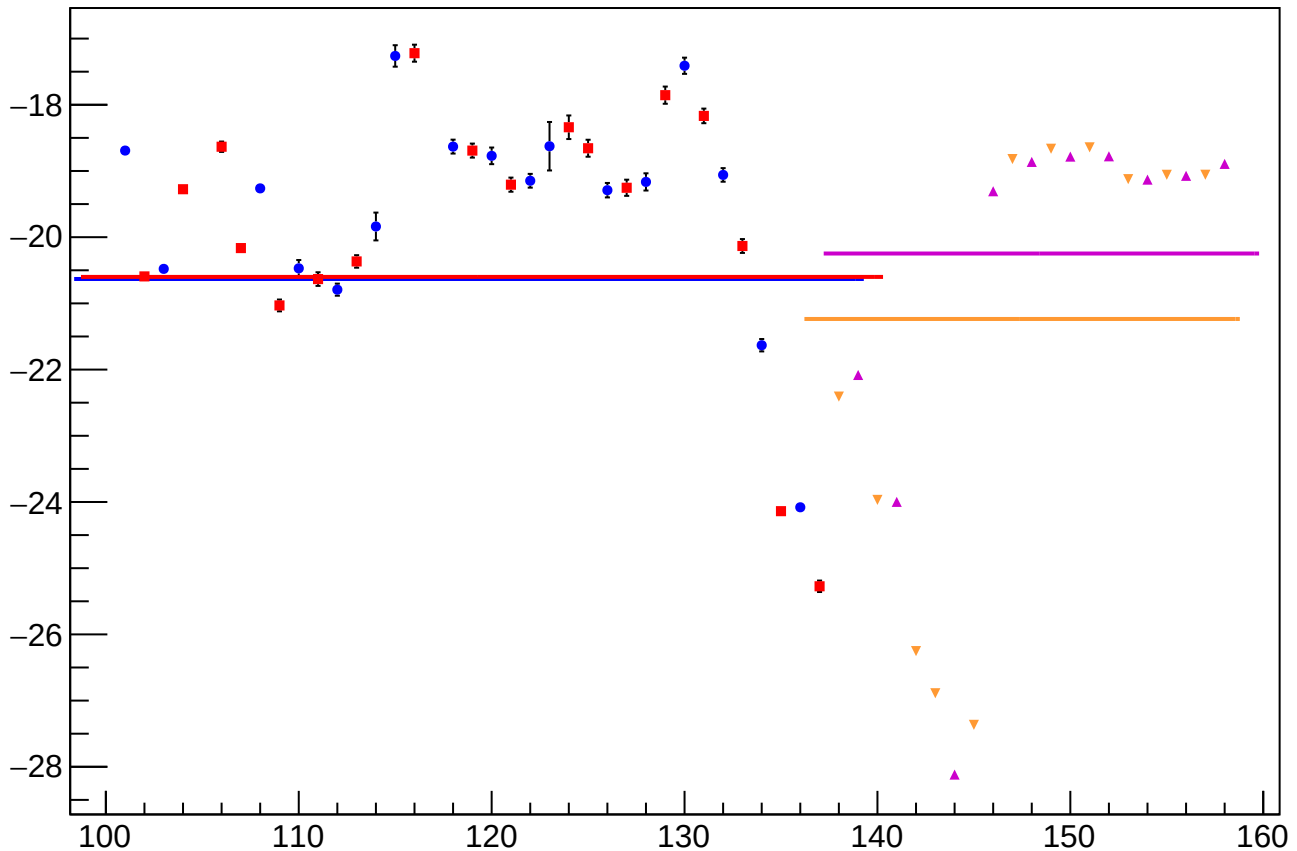
Right: 4.542 ± 0.259 χ^2/NDF : 819.9/34

In: 5.810 ± 0.206 χ^2/NDF : 739.6/26

Out: 5.513 ± 0.210 χ^2/NDF : 932.2/28

All: 5.664 ± 0.147 χ^2/NDF : 1672.8/55

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.631 $\pm$ 0.019 χ^2 /NDF: 12501.6/16

Left Out: -21.235 $\pm$ 0.012 χ^2 /NDF: 67783.8/10

Right Out: -20.600 $\pm$ 0.019 χ^2 /NDF: 11973.7/17

Left In: -20.247 $\pm$ 0.012 χ^2 /NDF: 45250.5/9

Left: -20.721 $\pm$ 0.009 χ^2 /NDF: 116299.7/20

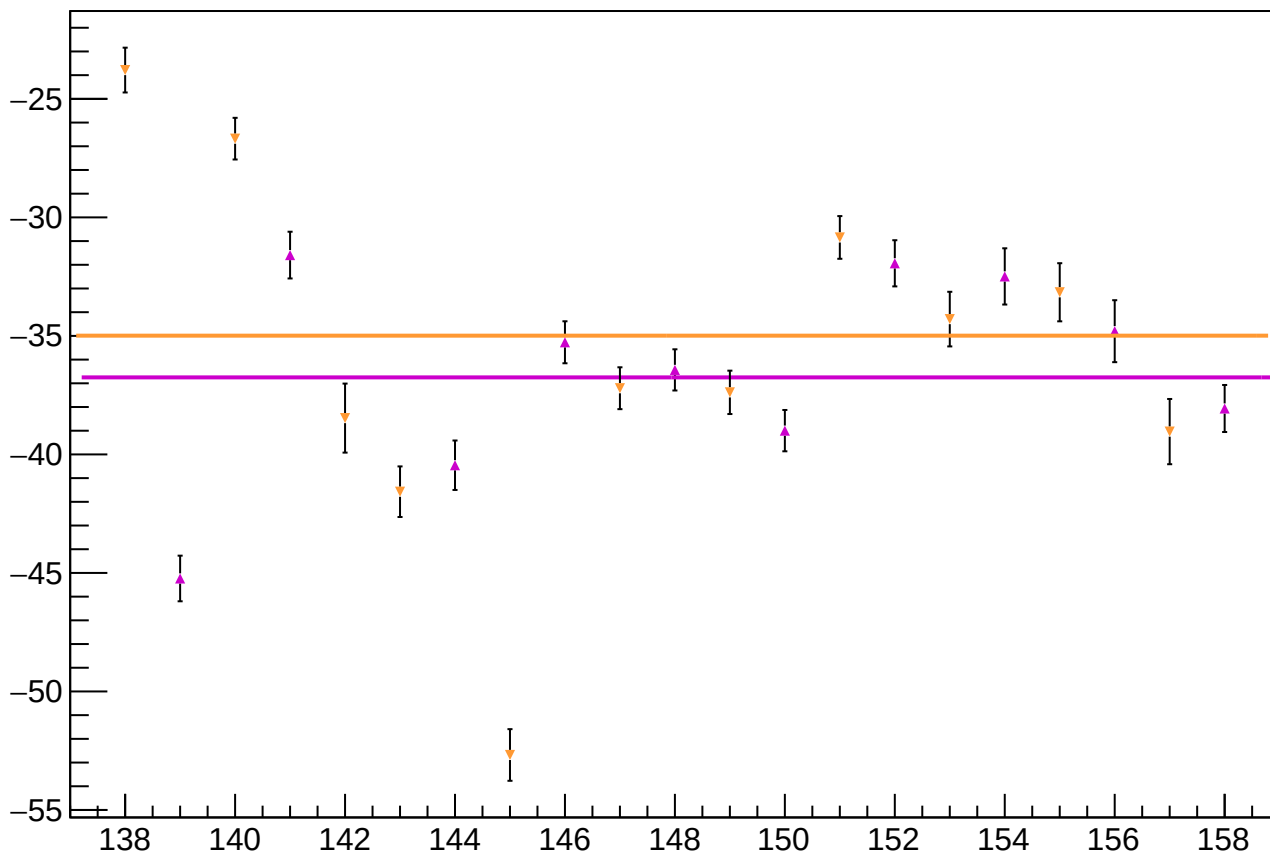
Right: -20.616 $\pm$ 0.014 χ^2 /NDF: 24476.6/34

In: -20.354 $\pm$ 0.010 χ^2 /NDF: 58039.1/26

Out: -21.050 $\pm$ 0.011 χ^2 /NDF: 80512.8/28

All: -20.691 $\pm$ 0.007 χ^2 /NDF: 140818.2/55

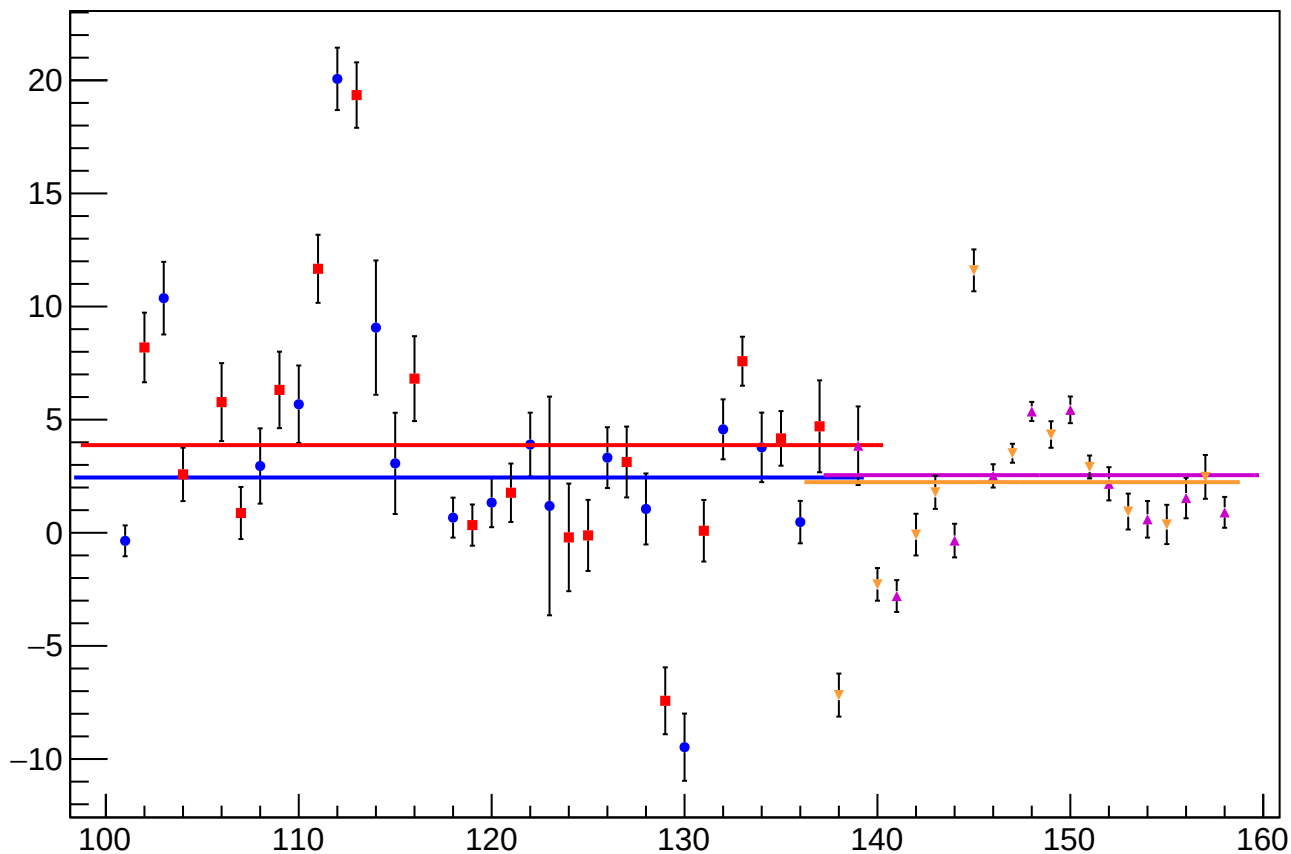
reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 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: -35.872+/-0.220 χ^2/NDF : 767.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -36.750+/-0.311 χ^2/NDF :168.6/9
 Out: -34.990+/-0.312 χ^2/NDF :582.8/10
 All: -35.872+/-0.220 χ^2/NDF : 767.3/20

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: 2.238 ± 0.205 χ^2/NDF : 277.7/10

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: 2.391 ± 0.146 χ^2/NDF : 434.1/20

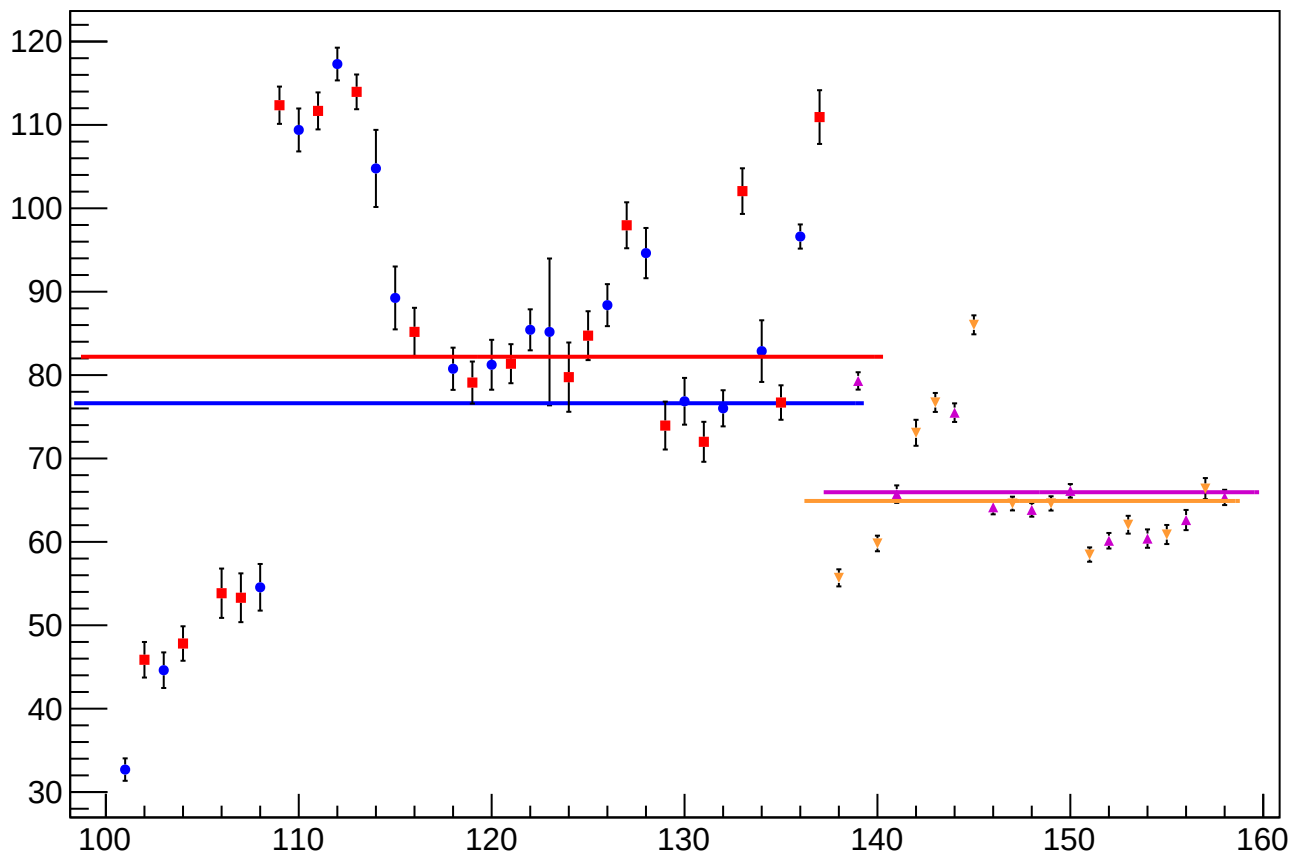
Right: 3.125 ± 0.226 χ^2/NDF : 571.0/34

In: 2.515 ± 0.173 χ^2/NDF : 448.0/26

Out: 2.701 ± 0.174 χ^2/NDF : 564.0/28

All: 2.608 ± 0.123 χ^2/NDF : 1012.6/55

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: 64.908 $\pm$ 0.309 χ^2 /NDF: 667.3/10

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: 65.441 $\pm$ 0.216 χ^2 /NDF: 994.2/20

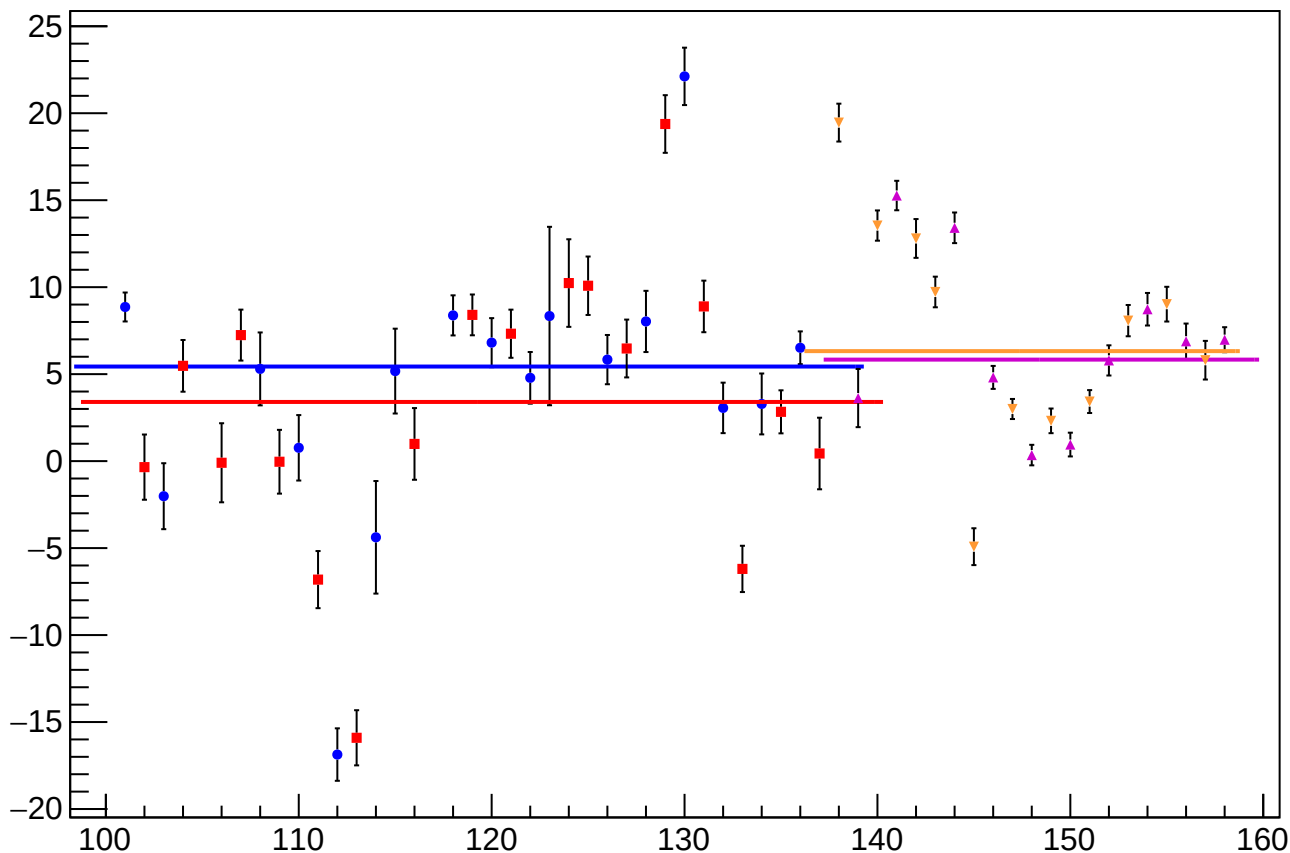
Right: 79.325 $\pm$ 0.413 χ^2 /NDF: 3858.6/34

In: 68.278 $\pm$ 0.268 χ^2 /NDF: 2853.7/26

Out: 68.593 $\pm$ 0.274 χ^2 /NDF: 2886.9/28

All: 68.432 $\pm$ 0.192 χ^2 /NDF: 5741.3/55

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: 6.323 ± 0.254 $\chi^2/\text{NDF}: 471.8/10$

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: 6.077 ± 0.179 $\chi^2/\text{NDF}: 827.0/20$

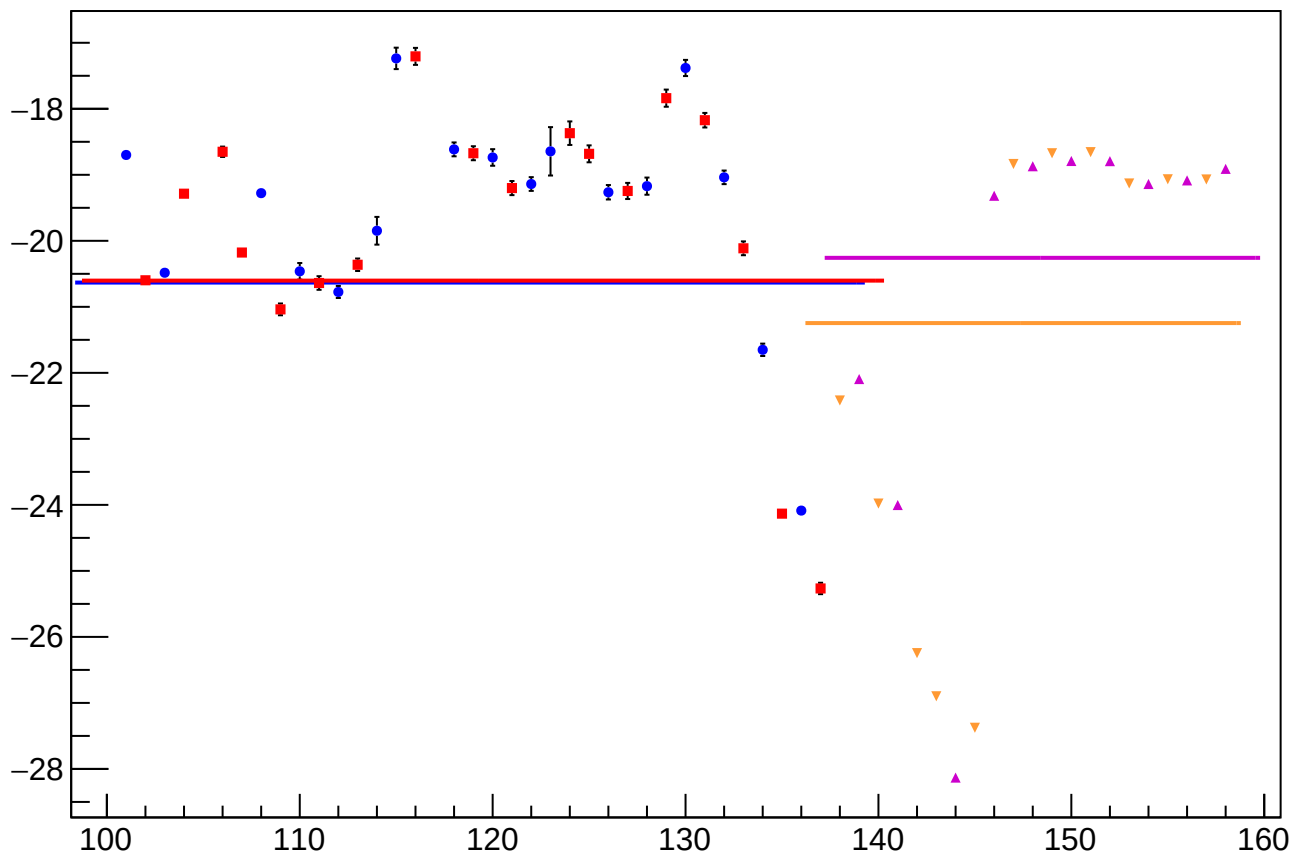
Right: 4.467 ± 0.259 $\chi^2/\text{NDF}: 820.8/34$

In: 5.703 ± 0.206 $\chi^2/\text{NDF}: 738.7/26$

Out: 5.405 ± 0.210 $\chi^2/\text{NDF}: 934.2/28$

All: 5.557 ± 0.147 $\chi^2/\text{NDF}: 1673.9/55$

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: -21.246 ± 0.012 $\chi^2/\text{NDF}: 67636.2/10$

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: -20.732 ± 0.009 $\chi^2/\text{NDF}: 116075.4/20$

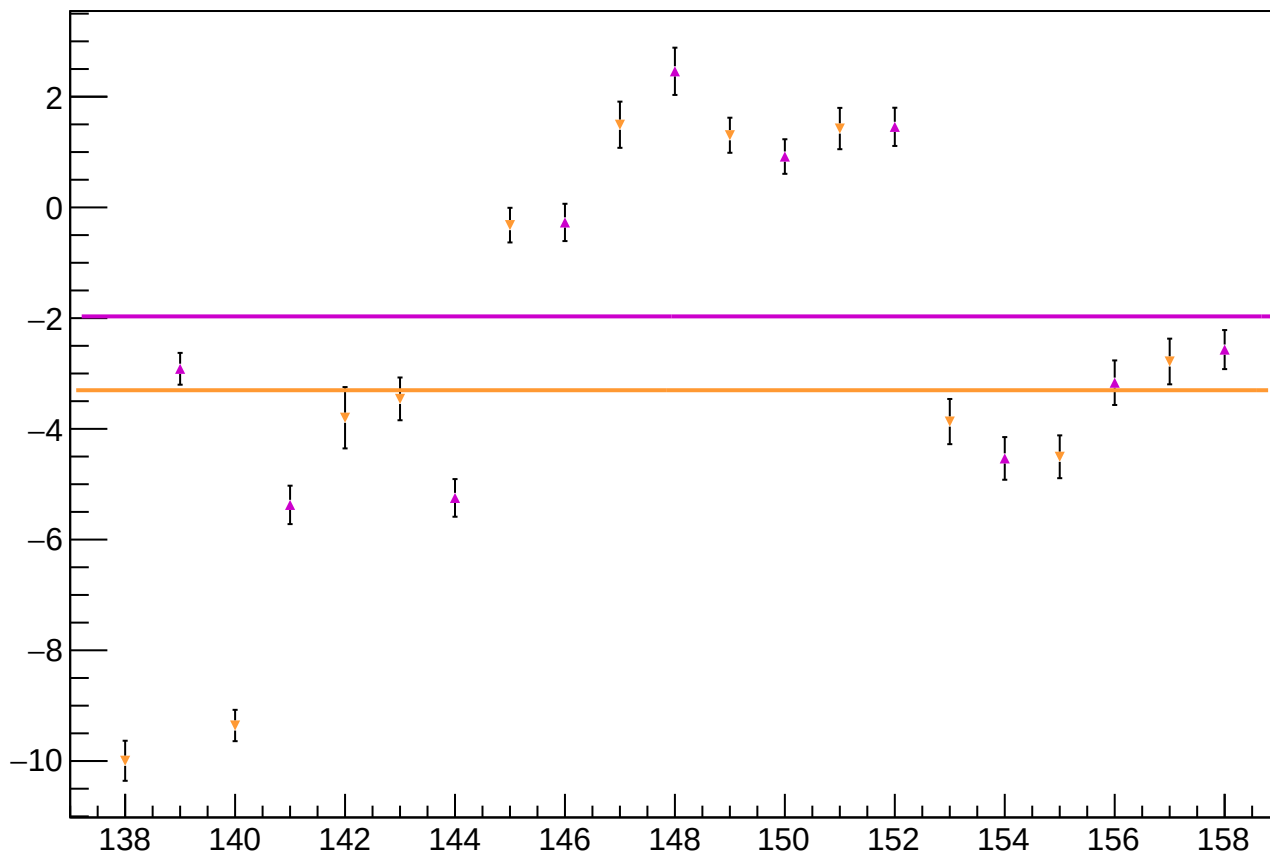
Right: -20.618 ± 0.014 $\chi^2/\text{NDF}: 24470.2/34$

In: -20.362 ± 0.010 $\chi^2/\text{NDF}: 57996.1/26$

Out: -21.058 ± 0.011 $\chi^2/\text{NDF}: 80335.2/28$

All: -20.699 ± 0.007 $\chi^2/\text{NDF}: 140595.0/55$

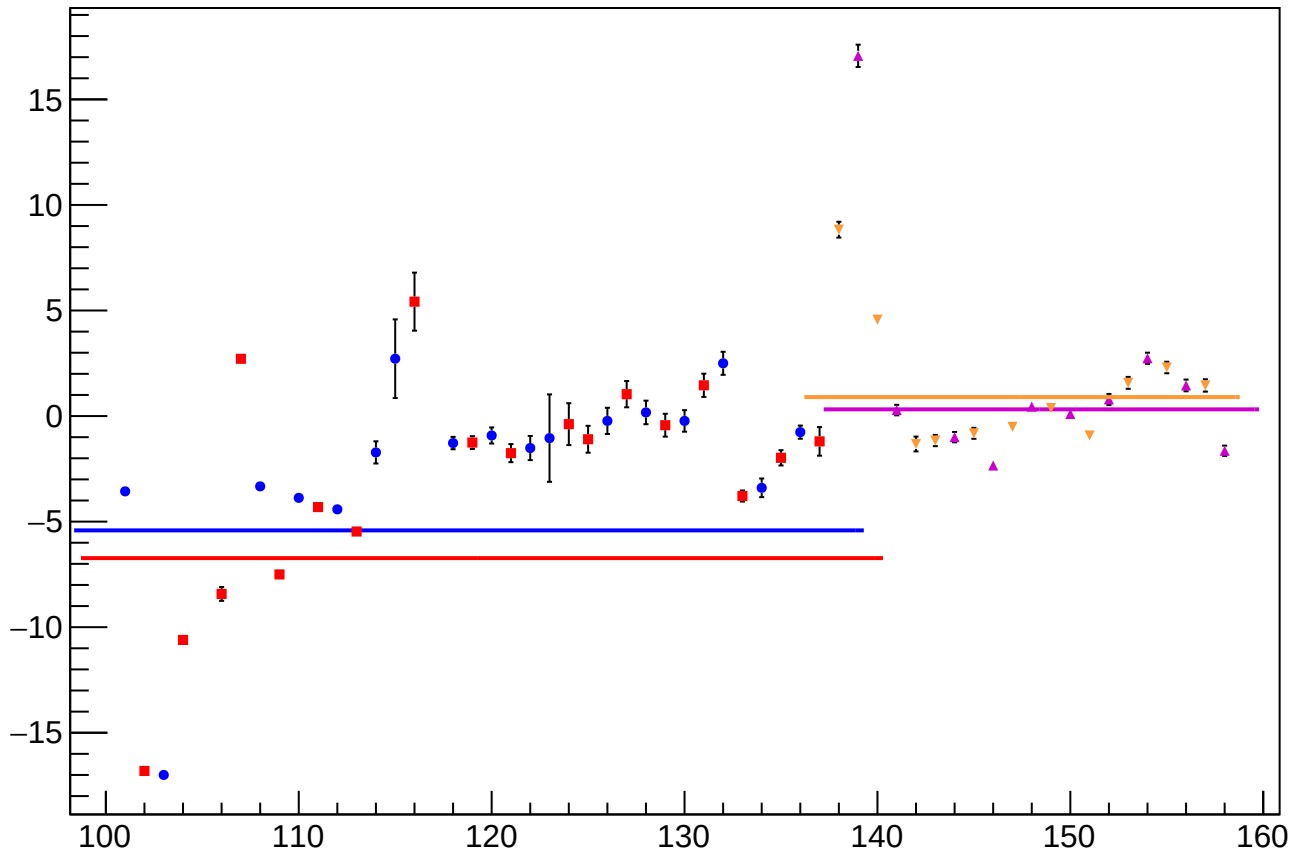
reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.302+/-0.111 χ^2/NDF :1409.5/10
 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: -2.630+/-0.078 χ^2/NDF : 2055.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -1.968+/-0.110 χ^2/NDF :572.9/9
 Out: -3.302+/-0.111 χ^2/NDF :1409.5/10
 All: -2.630+/-0.078 χ^2/NDF : 2055.6/20

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.415 ± 0.055 χ^2/NDF : 9255.1/16

Left Out: 0.900 ± 0.077 χ^2/NDF : 993.6/10

Right Out: -6.729 ± 0.060 χ^2/NDF : 11217.0/17

Left In: 0.318 ± 0.079 χ^2/NDF : 1357.1/9

Left: 0.614 ± 0.055 χ^2/NDF : 2378.7/20

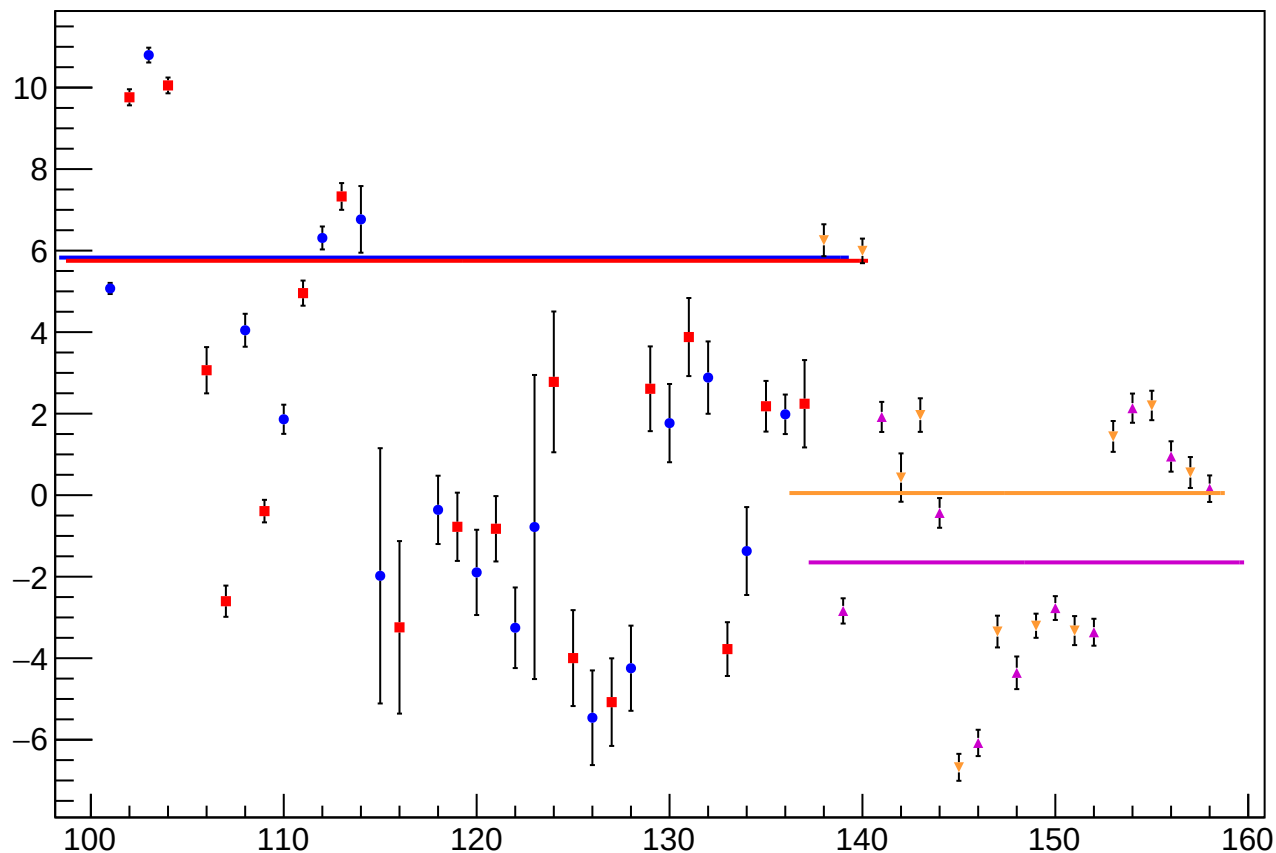
Right: -6.014 ± 0.040 χ^2/NDF : 20734.4/34

In: -3.539 ± 0.045 χ^2/NDF : 14198.9/26

Out: -3.857 ± 0.047 χ^2/NDF : 18332.9/28

All: -3.690 ± 0.033 χ^2/NDF : 32555.5/55

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.829 ± 0.090 $\chi^2/\text{NDF}: 1448.3/16$

Left Out: 0.052 ± 0.110 $\chi^2/\text{NDF}: 1411.9/10$

Right Out: 5.750 ± 0.096 $\chi^2/\text{NDF}: 2511.0/17$

Left In: -1.650 ± 0.108 $\chi^2/\text{NDF}: 586.0/9$

Left: -0.817 ± 0.077 $\chi^2/\text{NDF}: 2120.4/20$

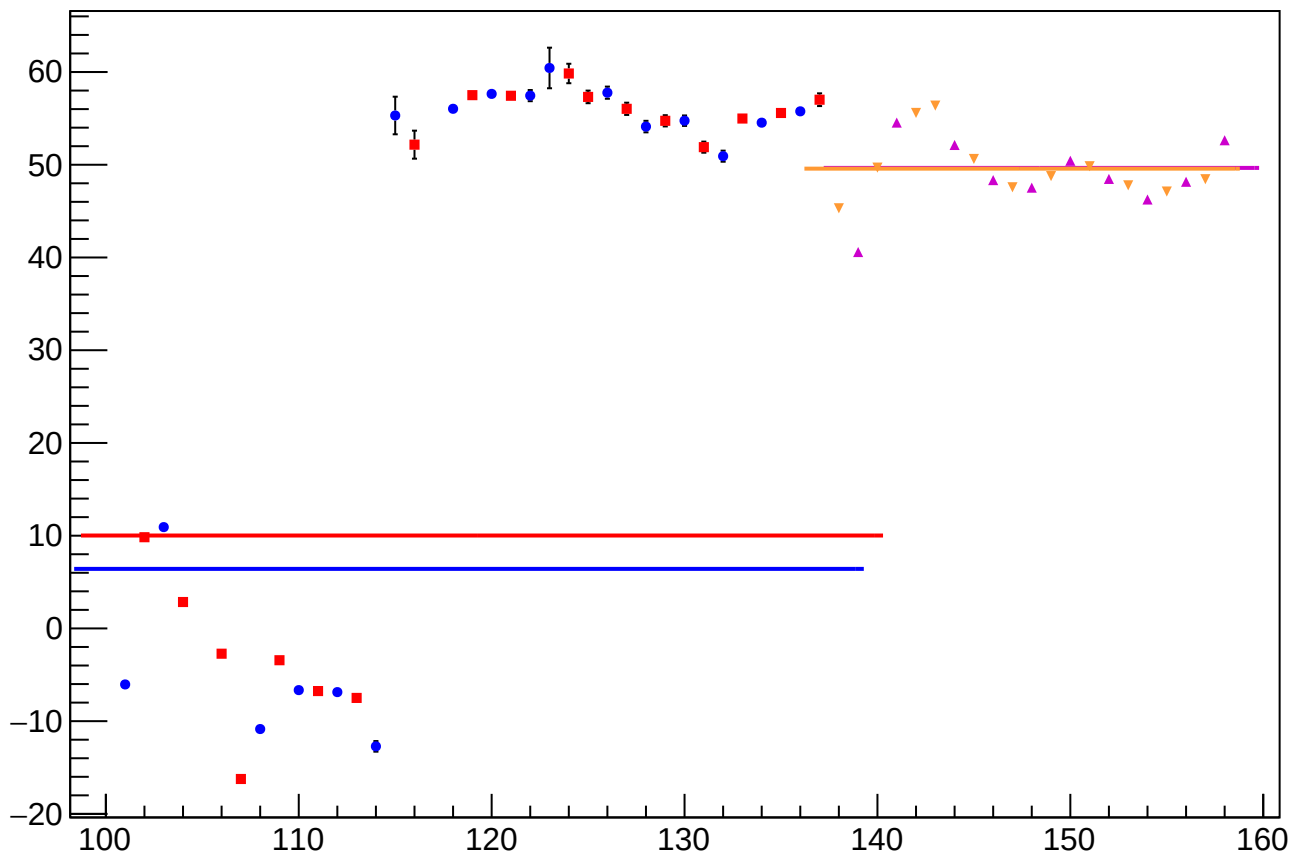
Right: 5.792 ± 0.066 $\chi^2/\text{NDF}: 3959.6/34$

In: 2.765 ± 0.069 $\chi^2/\text{NDF}: 4887.4/26$

Out: 3.277 ± 0.072 $\chi^2/\text{NDF}: 5445.1/28$

All: 3.008 ± 0.050 $\chi^2/\text{NDF}: 10358.7/55$

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.421 ± 0.065 $\chi^2/\text{NDF}: 123109.7/16$

Left Out: 49.580 ± 0.093 $\chi^2/\text{NDF}: 936.2/10$

Right Out: 10.019 ± 0.071 $\chi^2/\text{NDF}: 122082.4/17$

Left In: 49.660 ± 0.093 $\chi^2/\text{NDF}: 1043.3/9$

Left: 49.620 ± 0.066 $\chi^2/\text{NDF}: 1979.9/20$

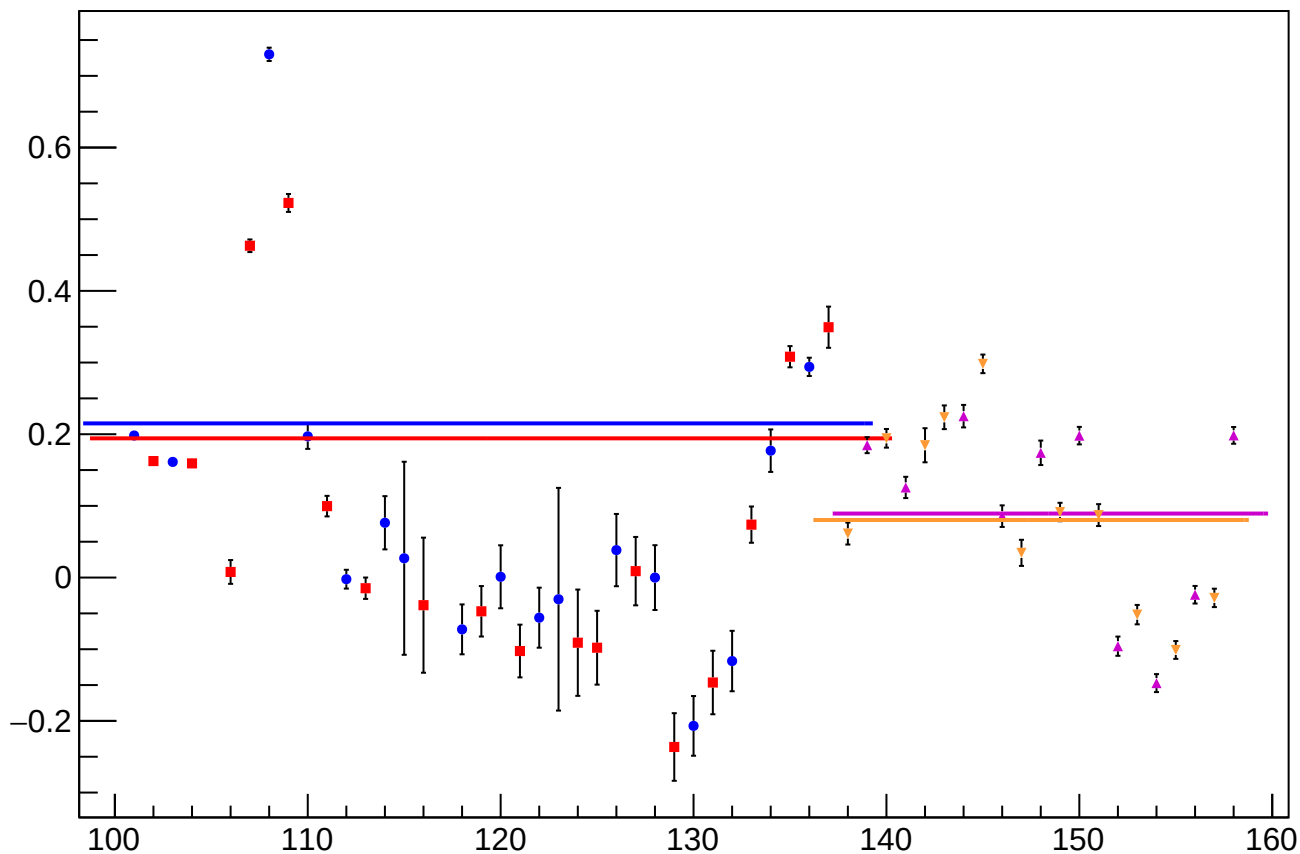
Right: 8.061 ± 0.048 $\chi^2/\text{NDF}: 246600.2/34$

In: 20.594 ± 0.053 $\chi^2/\text{NDF}: 270403.9/26$

Out: 24.514 ± 0.056 $\chi^2/\text{NDF}: 237671.0/28$

All: 22.439 ± 0.039 $\chi^2/\text{NDF}: 510642.4/55$

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.003 χ^2 /NDF: 3927.2/16

Left Out: 0.080 $\pm$ 0.004 χ^2 /NDF:842.3/10

Right Out: 0.194 $\pm$ 0.003 χ^2 /NDF: 2520.1/17

Left In: 0.089 $\pm$ 0.004 χ^2 /NDF:976.6/9

Left: 0.085 $\pm$ 0.003 χ^2 /NDF: 1821.1/20

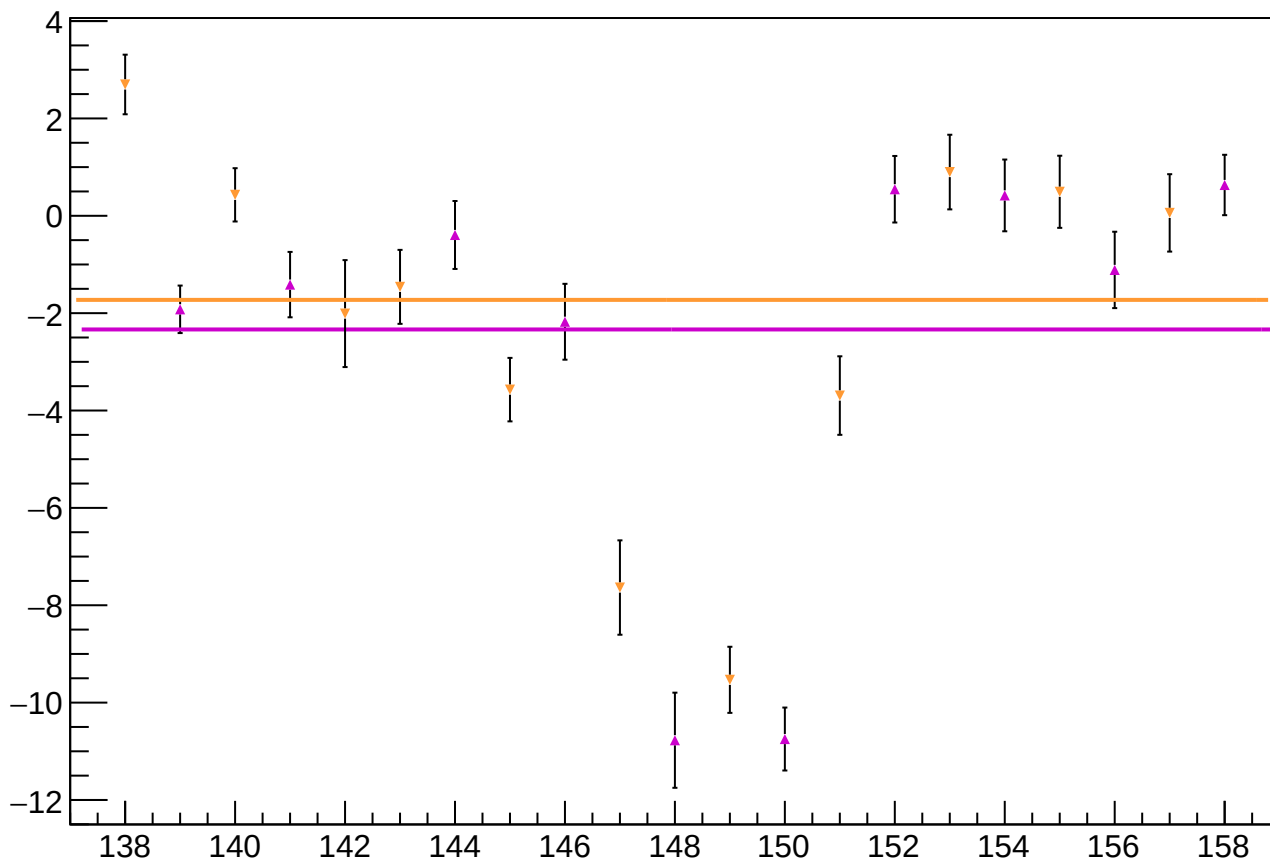
Right: 0.205 $\pm$ 0.002 χ^2 /NDF: 6475.9/34

In: 0.177 $\pm$ 0.002 χ^2 /NDF:5531.9/26

Out: 0.162 $\pm$ 0.002 χ^2 /NDF:3852.7/28

All: 0.169 $\pm$ 0.002 χ^2 /NDF: 9405.9/55

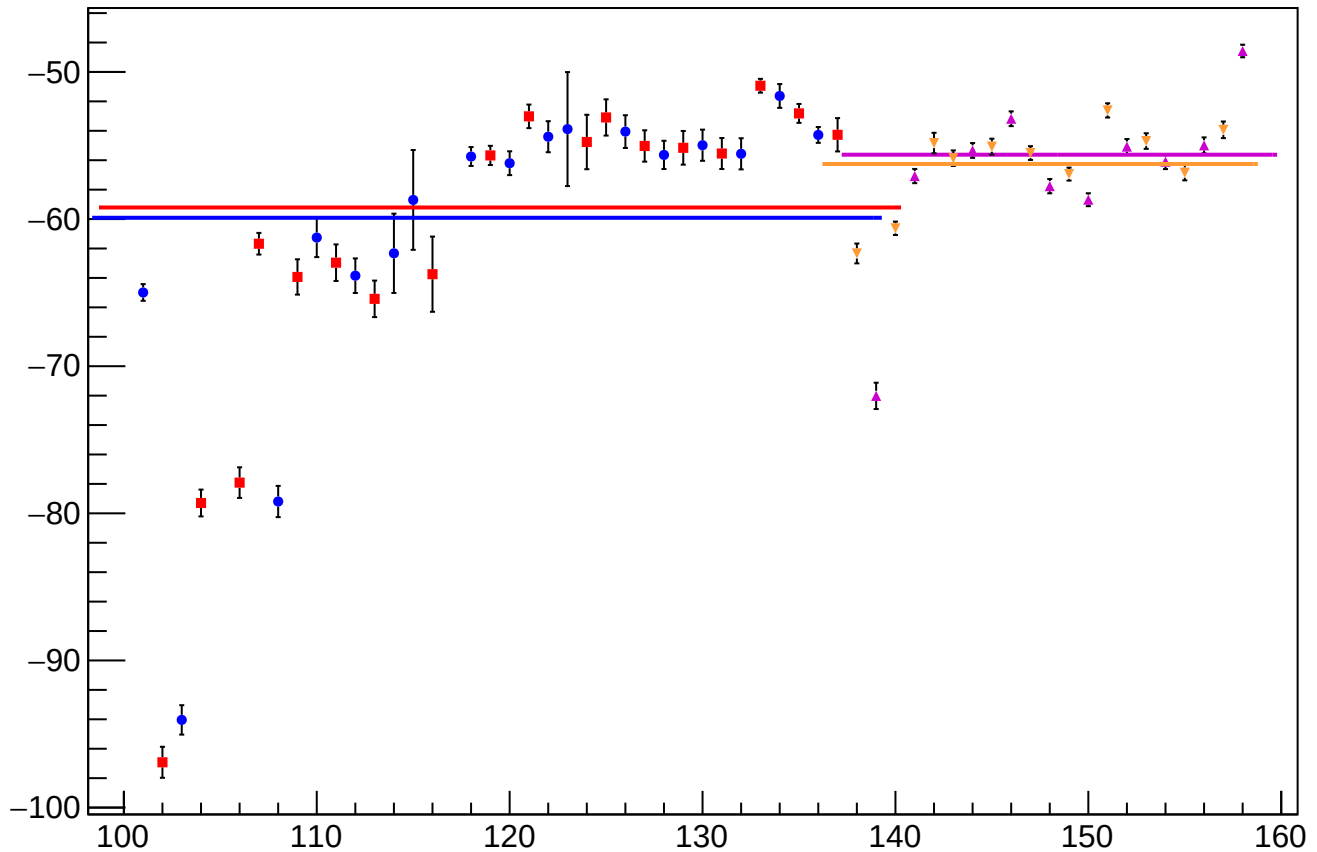
reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -1.727 $\pm$ 0.219 χ^2 /NDF:276.9/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -2.335 $\pm$ 0.214 χ^2 /NDF:311.4/9

Left: -2.038 $\pm$ 0.153 χ^2 /NDF: 592.2/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -2.335 $\pm$ 0.214 χ^2 /NDF:311.4/9
 Out: -1.727 $\pm$ 0.219 χ^2 /NDF:276.9/10
 All: -2.038 $\pm$ 0.153 χ^2 /NDF: 592.2/20

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -59.911 $\pm$ 0.223 χ^2/NDF : 1980.8/16

Left Out: -56.255 $\pm$ 0.157 χ^2/NDF : 270.4/10

Right Out: -59.212 $\pm$ 0.212 χ^2/NDF : 2742.9/17

Left In: -55.625 $\pm$ 0.159 χ^2/NDF : 709.7/9

Left: -55.944 $\pm$ 0.112 χ^2/NDF : 988.0/20

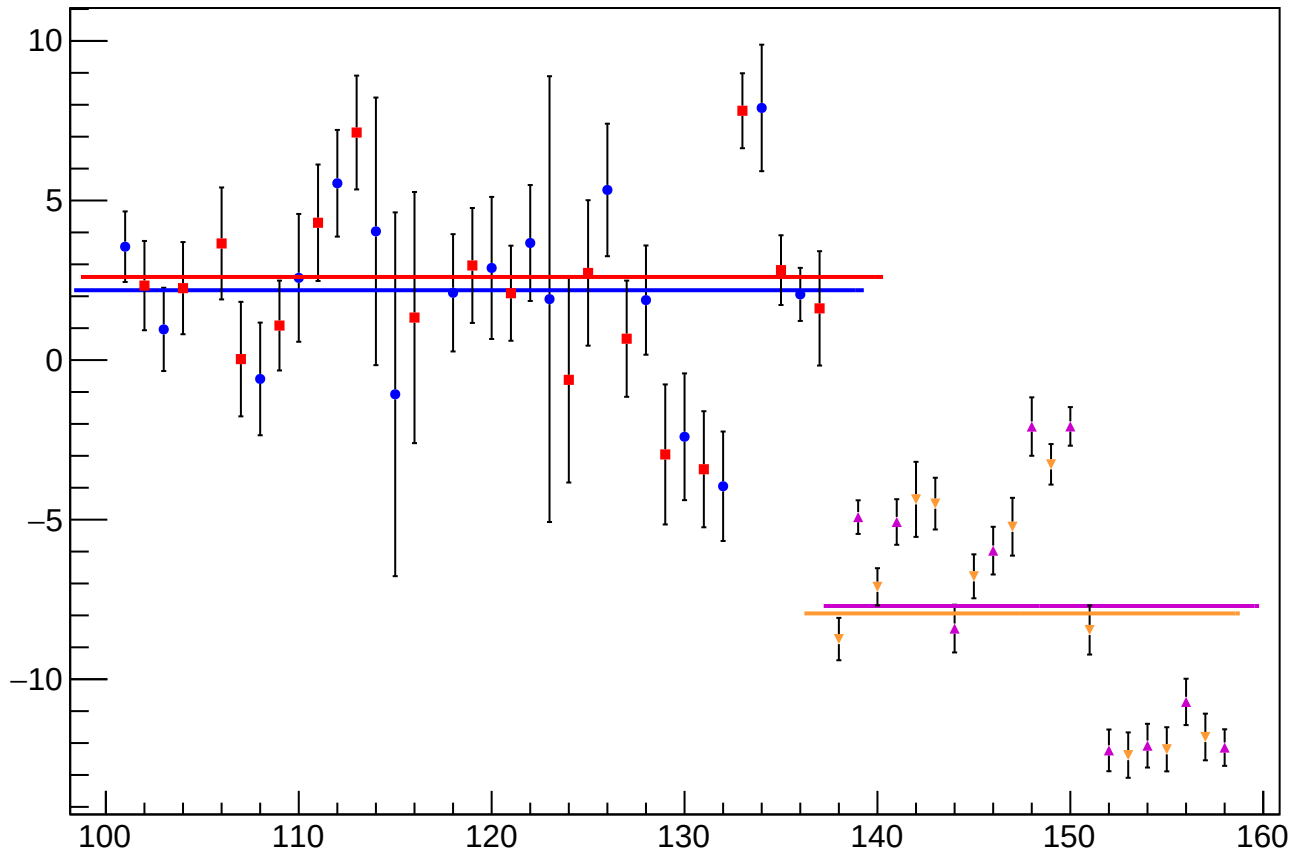
Right: -59.544 $\pm$ 0.154 χ^2/NDF : 4728.9/34

In: -57.072 $\pm$ 0.130 χ^2/NDF : 2934.7/26

Out: -57.304 $\pm$ 0.126 χ^2/NDF : 3138.4/28

All: -57.191 $\pm$ 0.091 χ^2/NDF : 6074.7/55

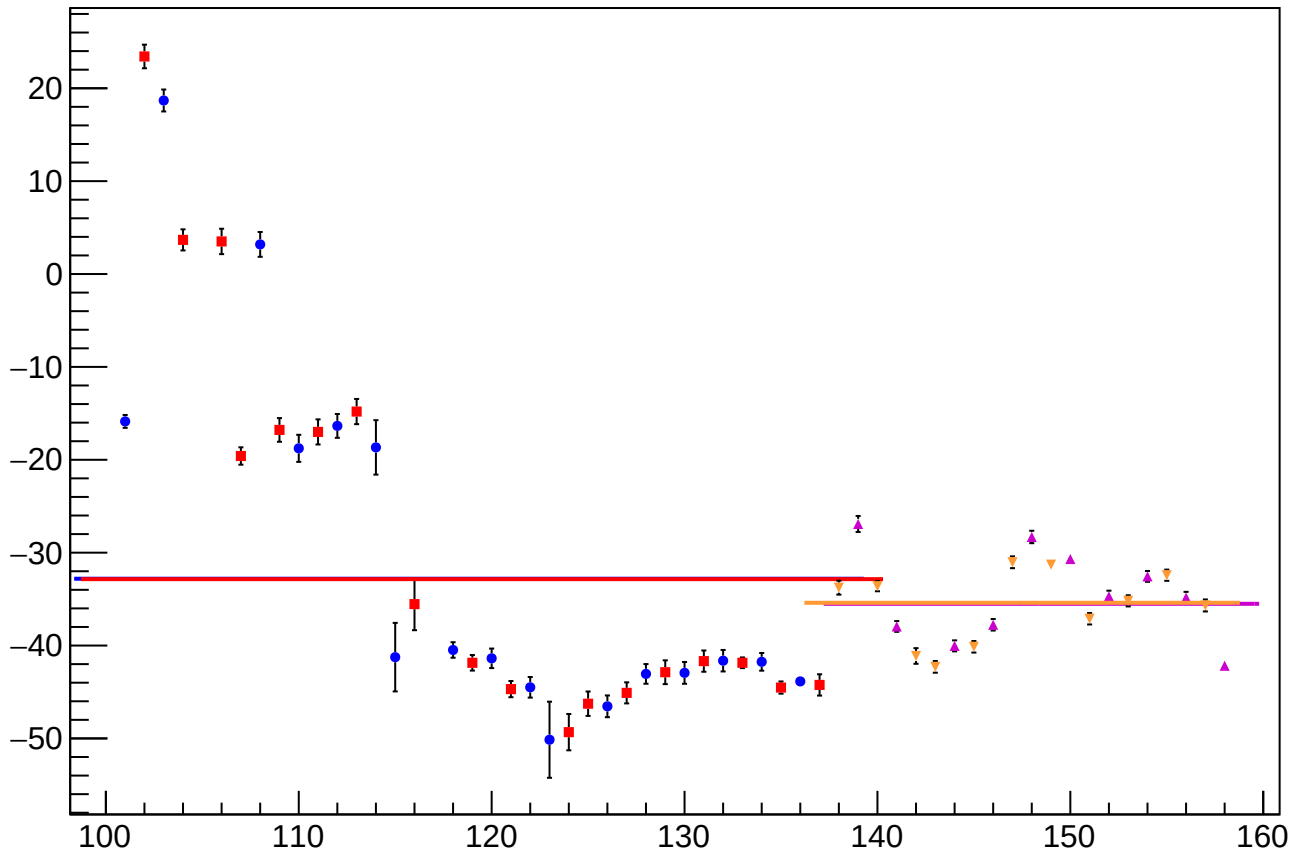
reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.189 ± 0.405 $\chi^2/\text{NDF}: 39.1/16$
 Left Out: -7.938 ± 0.219 $\chi^2/\text{NDF}: 202.1/10$
 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: -7.817 ± 0.152 $\chi^2/\text{NDF}: 540.5/20$
 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: -5.422 ± 0.191 $\chi^2/\text{NDF}: 806.8/28$
 All: -5.508 ± 0.134 $\chi^2/\text{NDF}: 1654.4/55$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.806 ± 0.254 $\chi^2/\text{NDF}: 4662.8/16$

Left Out: -35.395 ± 0.188 $\chi^2/\text{NDF}: 378.5/10$

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: -35.451 ± 0.132 $\chi^2/\text{NDF}: 1019.1/20$

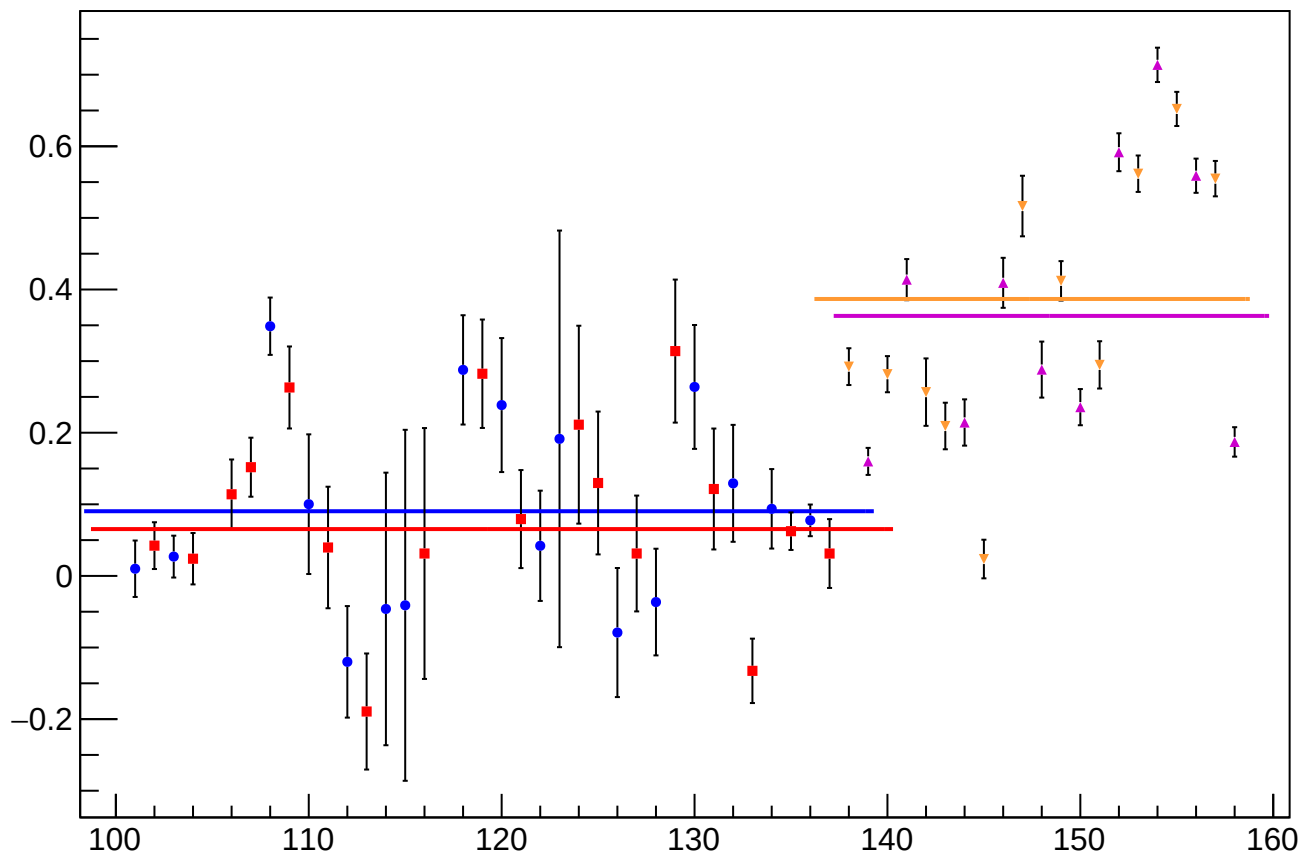
Right: -32.829 ± 0.176 $\chi^2/\text{NDF}: 10413.1/34$

In: -34.567 ± 0.150 $\chi^2/\text{NDF}: 5376.7/26$

Out: -34.446 ± 0.149 $\chi^2/\text{NDF}: 6196.8/28$

All: -34.507 ± 0.106 $\chi^2/\text{NDF}: 11573.9/55$

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: 0.387 ± 0.009 $\chi^2/\text{NDF}: 485.1/10$

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: 0.374 ± 0.006 $\chi^2/\text{NDF}: 1088.6/20$

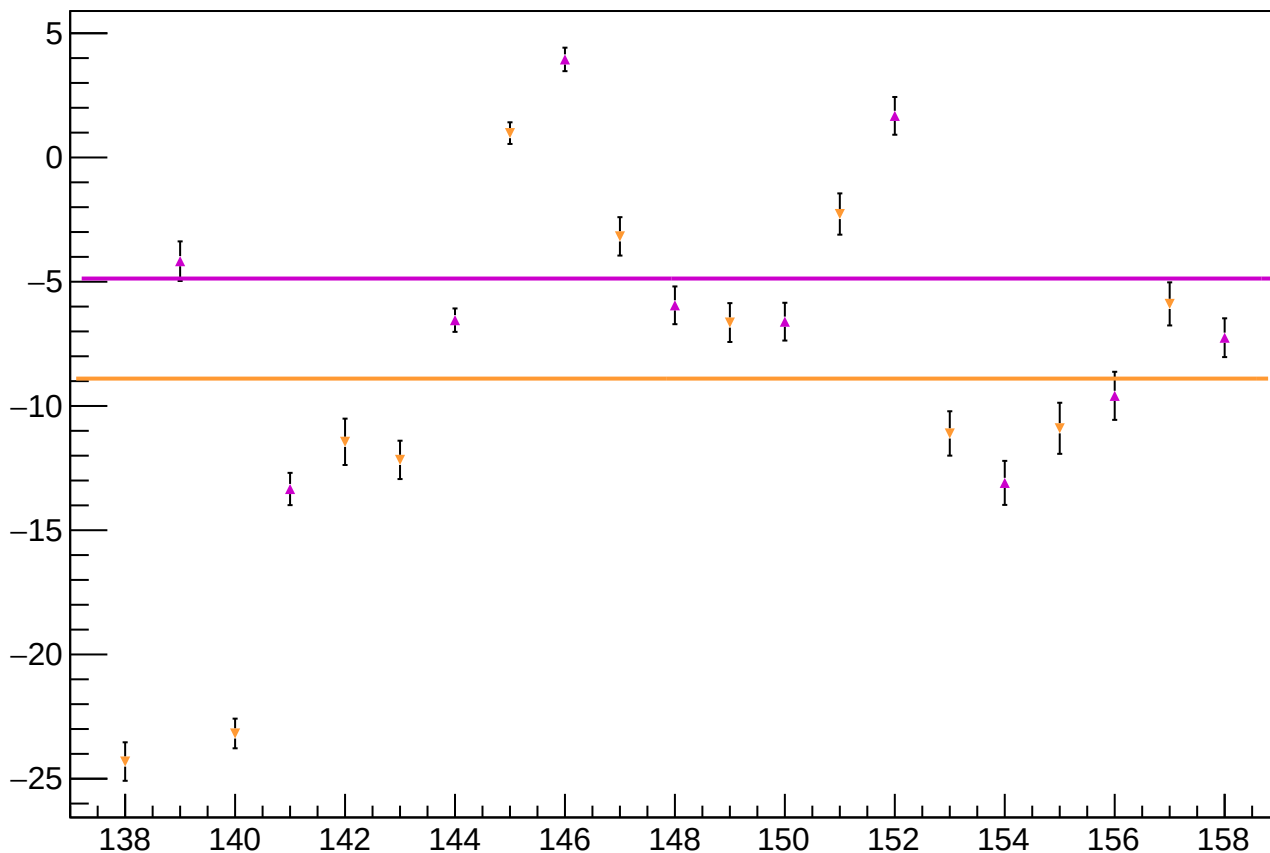
Right: 0.077 ± 0.009 $\chi^2/\text{NDF}: 147.0/34$

In: 0.285 ± 0.007 $\chi^2/\text{NDF}: 1006.2/26$

Out: 0.281 ± 0.007 $\chi^2/\text{NDF}: 1013.0/28$

All: 0.283 ± 0.005 $\chi^2/\text{NDF}: 2019.4/55$

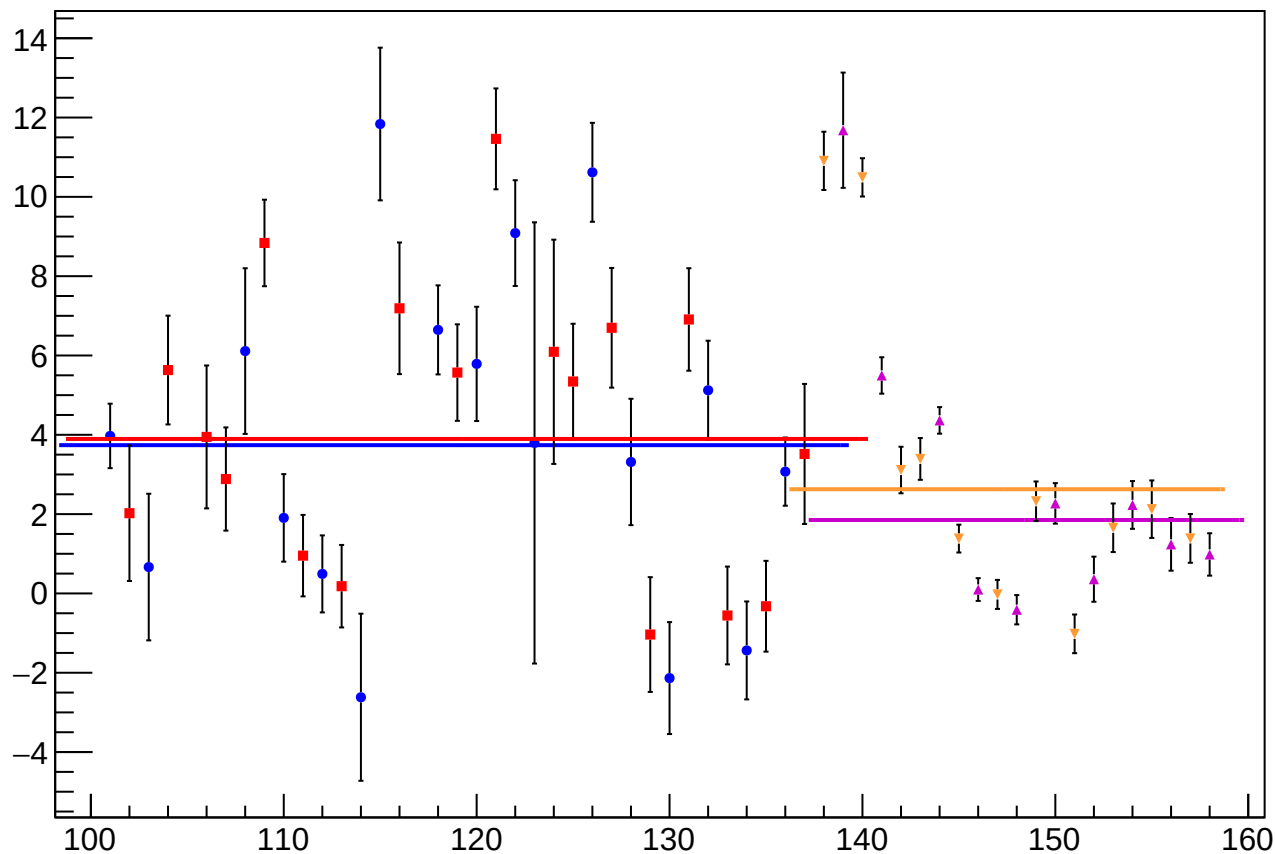
reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 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: -6.826+/-0.153 χ^2/NDF : 2562.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.872+/-0.213 χ^2/NDF :732.5/9
 Out: -8.898+/-0.219 χ^2/NDF :1656.0/10
 All: -6.826+/-0.153 χ^2/NDF : 2562.5/20

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: 2.628 $\pm$ 0.151 χ^2 /NDF: 524.0/10

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: 2.217 $\pm$ 0.104 χ^2 /NDF: 789.2/20

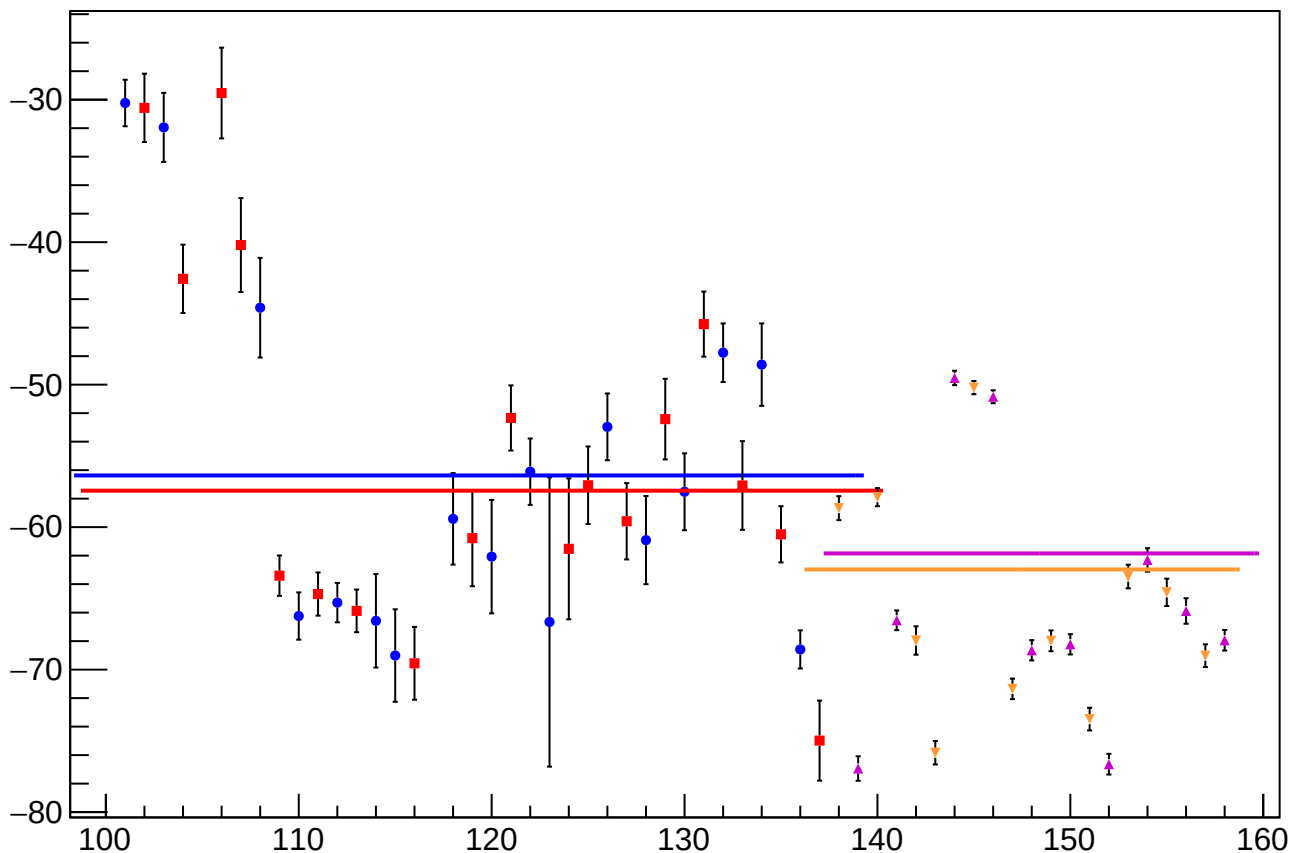
Right: 3.815 $\pm$ 0.221 χ^2 /NDF: 271.9/34

In: 2.184 $\pm$ 0.130 χ^2 /NDF: 418.9/26

Out: 2.864 $\pm$ 0.136 χ^2 /NDF: 671.9/28

All: 2.506 $\pm$ 0.094 χ^2 /NDF: 1103.9/55

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -56.373 $\pm$ 0.543 χ^2 /NDF: 587.6/16

Left Out: -62.972 $\pm$ 0.221 χ^2 /NDF:1533.4/10

Right Out: -57.440 $\pm$ 0.537 χ^2 /NDF: 441.0/17

Left In: -61.844 $\pm$ 0.210 χ^2 /NDF:2214.4/9

Left: -62.379 $\pm$ 0.152 χ^2 /NDF: 3761.5/20

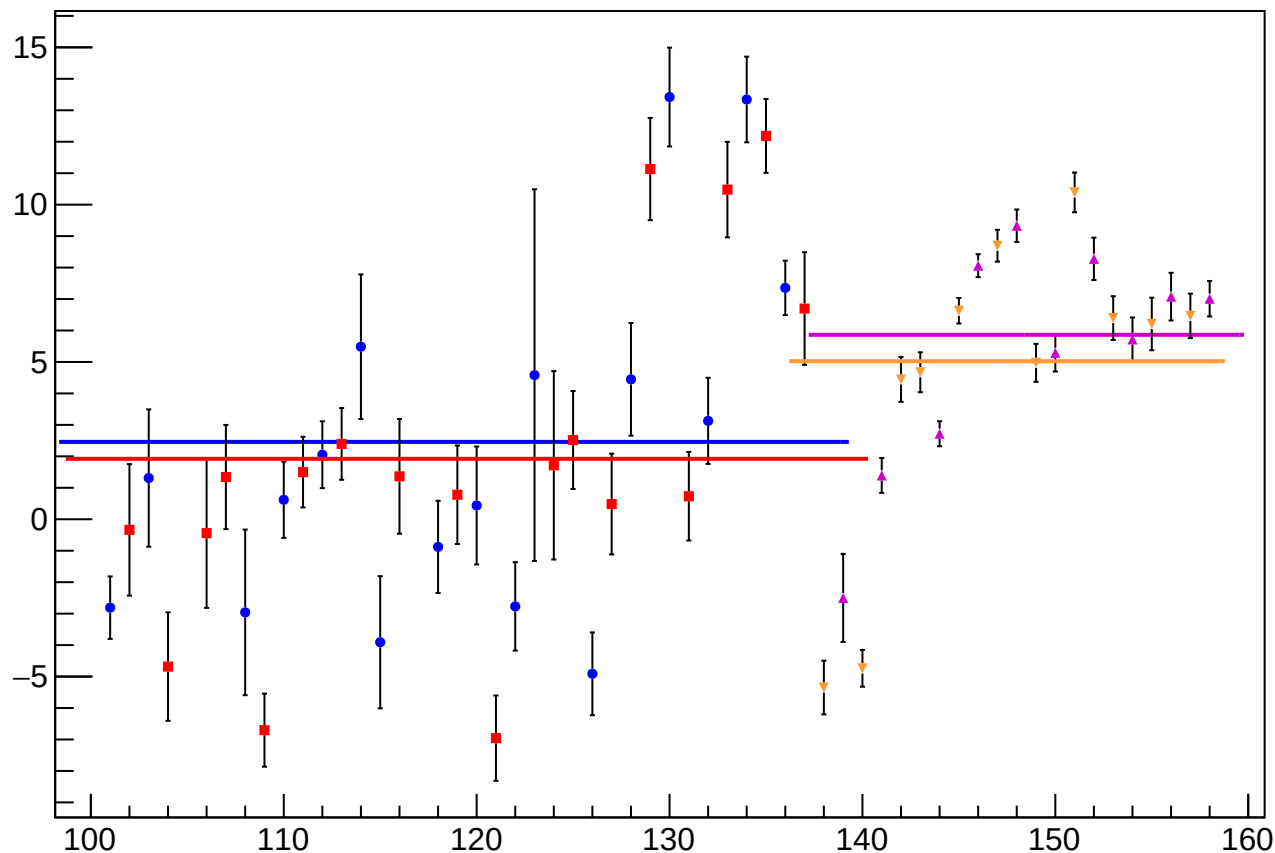
Right: -56.912 $\pm$ 0.382 χ^2 /NDF: 1030.5/34

In: -61.134 $\pm$ 0.196 χ^2 /NDF:2890.4/26

Out: -62.172 $\pm$ 0.204 χ^2 /NDF:2065.1/28

All: -61.631 $\pm$ 0.141 χ^2 /NDF: 4969.0/55

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: 5.024 ± 0.184 χ^2/NDF : 579.0/10

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: 5.469 ± 0.126 χ^2/NDF : 855.0/20

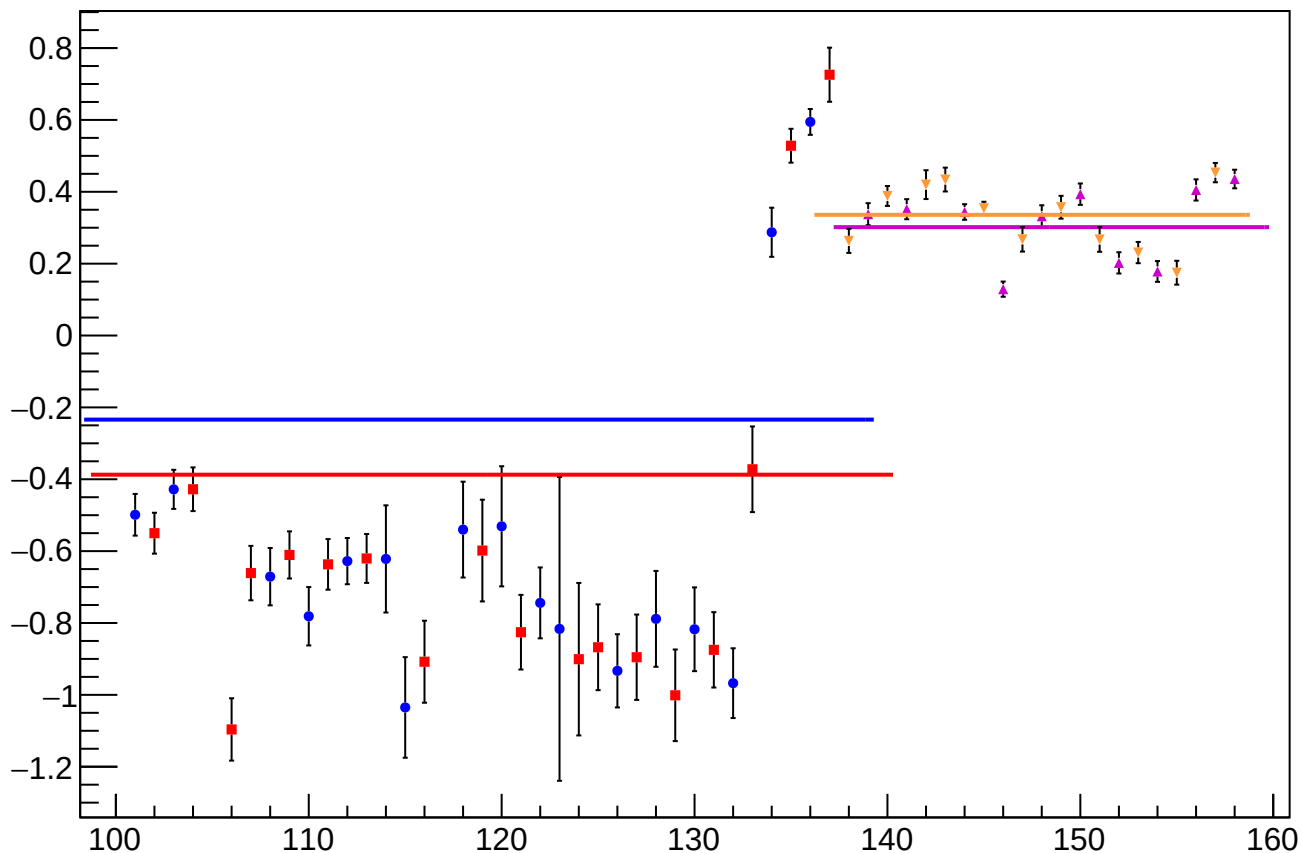
Right: 2.198 ± 0.248 χ^2/NDF : 510.2/34

In: 5.182 ± 0.155 χ^2/NDF : 586.3/26

Out: 4.367 ± 0.163 χ^2/NDF : 904.3/28

All: 4.796 ± 0.112 χ^2/NDF : 1503.7/55

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: 0.336 ± 0.009 χ^2/NDF : 86.1/10

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: 0.318 ± 0.006 χ^2/NDF : 247.8/20

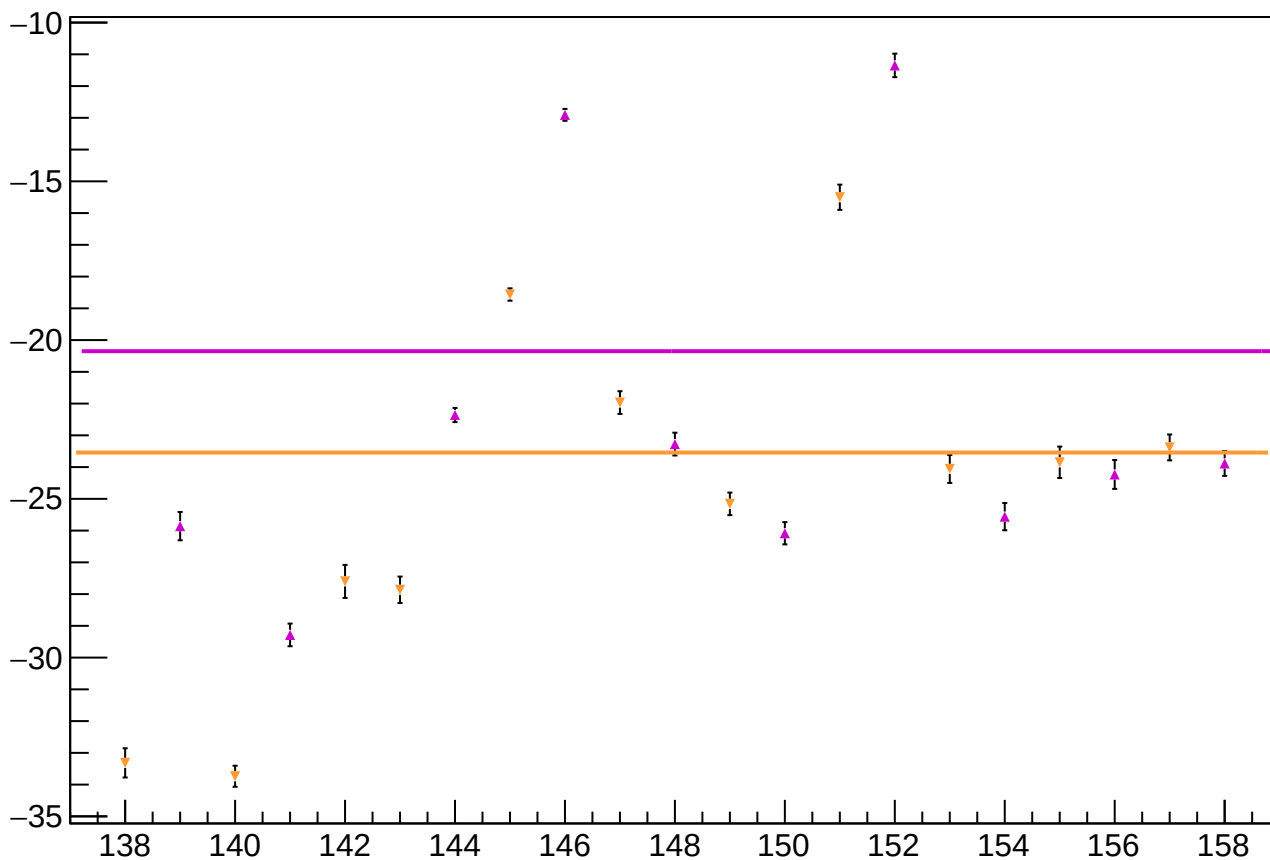
Right: -0.310 ± 0.013 χ^2/NDF : 1837.6/34

In: 0.212 ± 0.008 χ^2/NDF : 1780.7/26

Out: 0.208 ± 0.008 χ^2/NDF : 2124.7/28

All: 0.210 ± 0.006 χ^2/NDF : 3905.5/55

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: -23.542+/-0.107 χ^2/NDF :2666.9/10

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: -21.823+/-0.073 χ^2/NDF : 6809.8/20

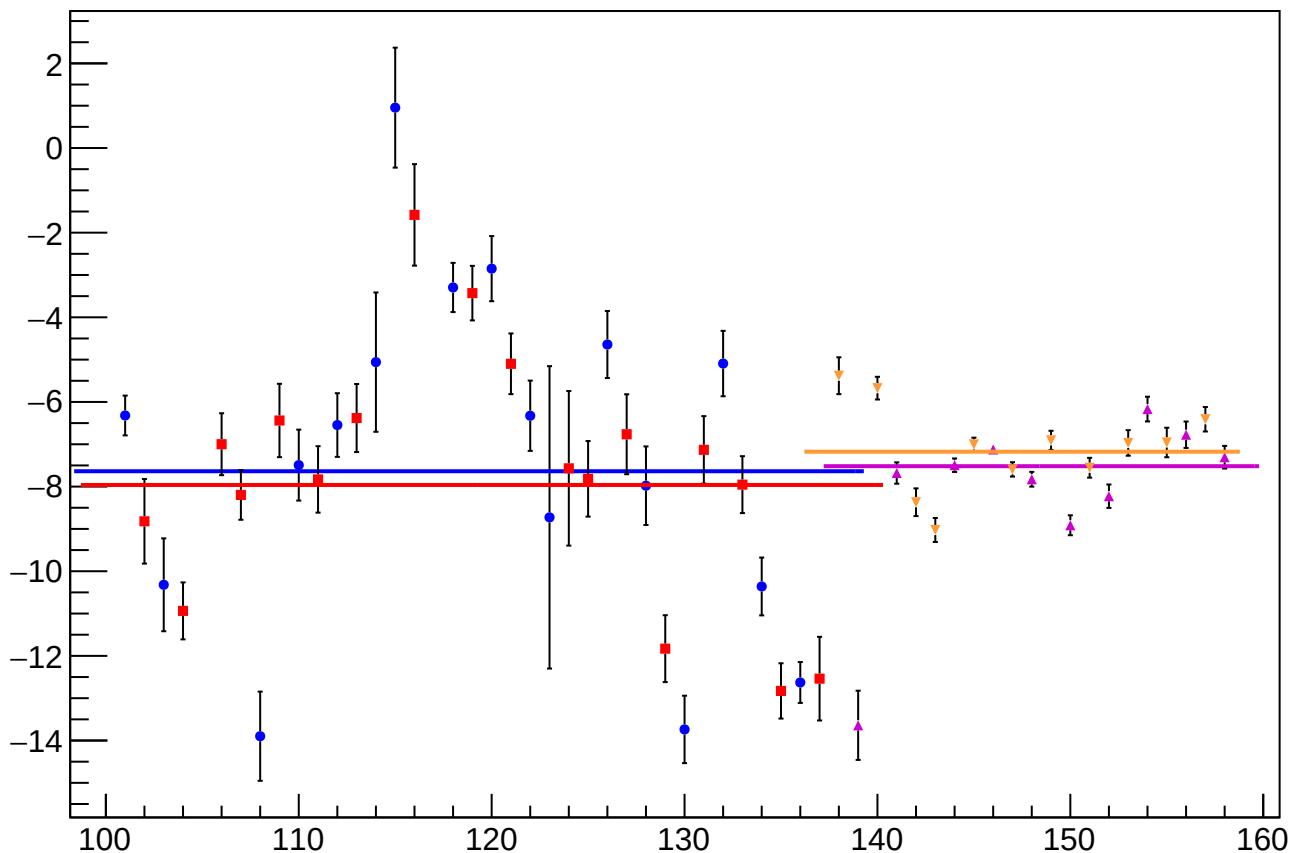
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -20.350+/-0.099 χ^2/NDF :3666.0/9

Out: -23.542+/-0.107 χ^2/NDF :2666.9/10

All: -21.823+/-0.073 χ^2/NDF : 6809.8/20

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: -7.176 ± 0.074 χ^2/NDF : 123.4/10

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: -7.366 ± 0.049 χ^2/NDF : 275.8/20

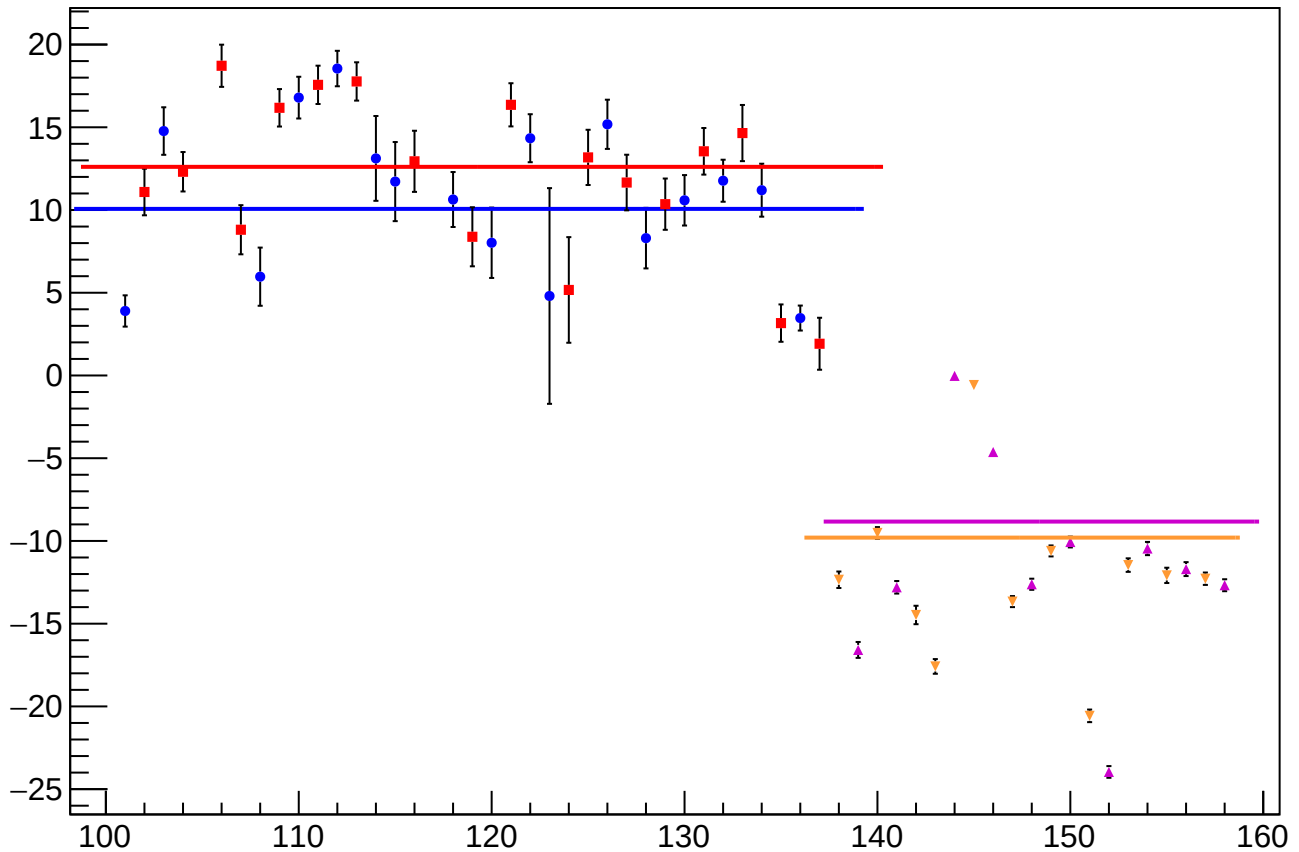
Right: -7.800 ± 0.131 χ^2/NDF : 622.1/34

In: -7.531 ± 0.062 χ^2/NDF : 534.8/26

Out: -7.283 ± 0.069 χ^2/NDF : 365.4/28

All: -7.419 ± 0.046 χ^2/NDF : 907.4/55

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.068 ± 0.337 $\chi^2/\text{NDF}: 253.6/16$

Left Out: -9.798 ± 0.107 $\chi^2/\text{NDF}: 3434.4/10$

Right Out: 12.609 ± 0.333 $\chi^2/\text{NDF}: 219.0/17$

Left In: -8.830 ± 0.097 $\chi^2/\text{NDF}: 4410.3/9$

Left: -9.267 ± 0.072 $\chi^2/\text{NDF}: 7889.3/20$

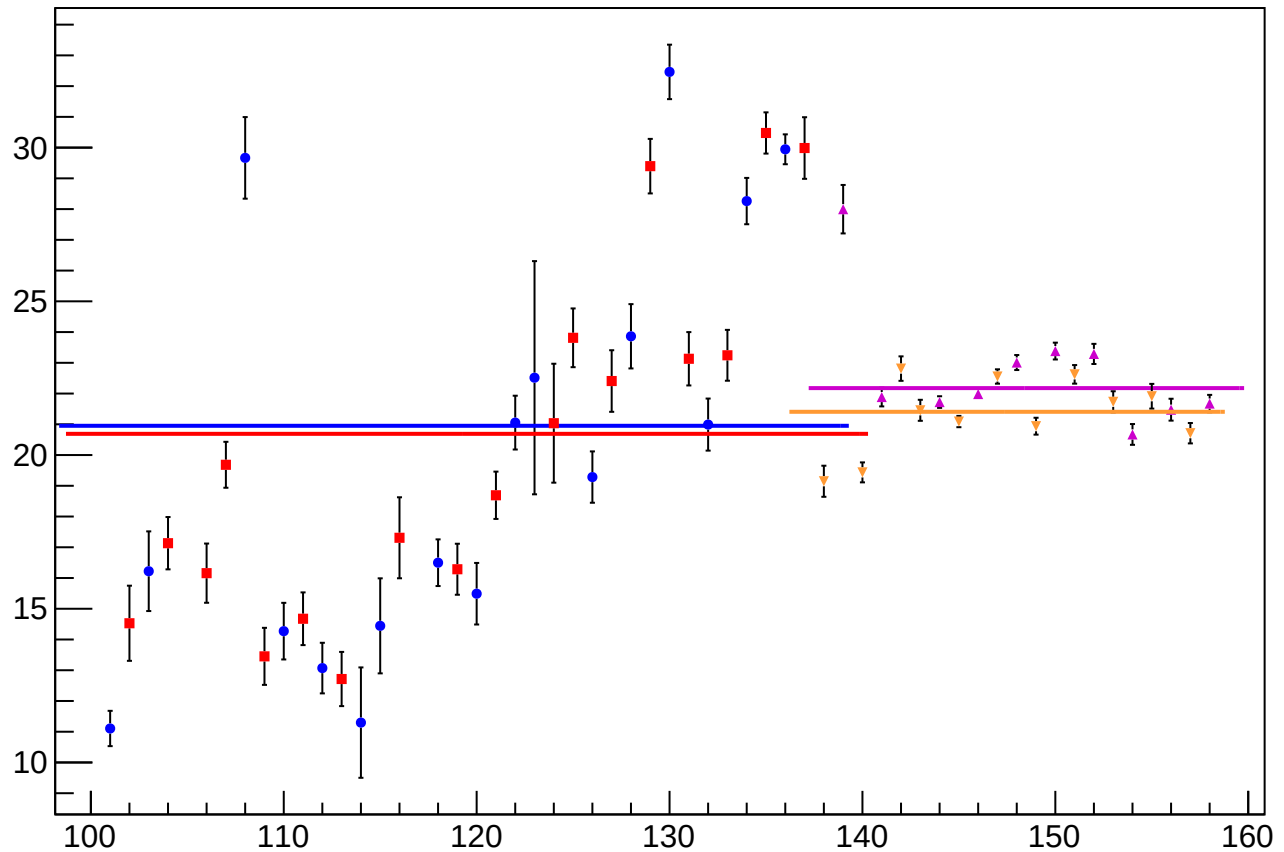
Right: 11.355 ± 0.237 $\chi^2/\text{NDF}: 501.3/34$

In: -7.374 ± 0.094 $\chi^2/\text{NDF}: 7559.1/26$

Out: -7.686 ± 0.102 $\chi^2/\text{NDF}: 7752.0/28$

All: -7.516 ± 0.069 $\chi^2/\text{NDF}: 15316.1/55$

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: 21.407 $\pm$ 0.090 χ^2 /NDF:122.4/10

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: 21.835 $\pm$ 0.060 χ^2 /NDF: 295.8/20

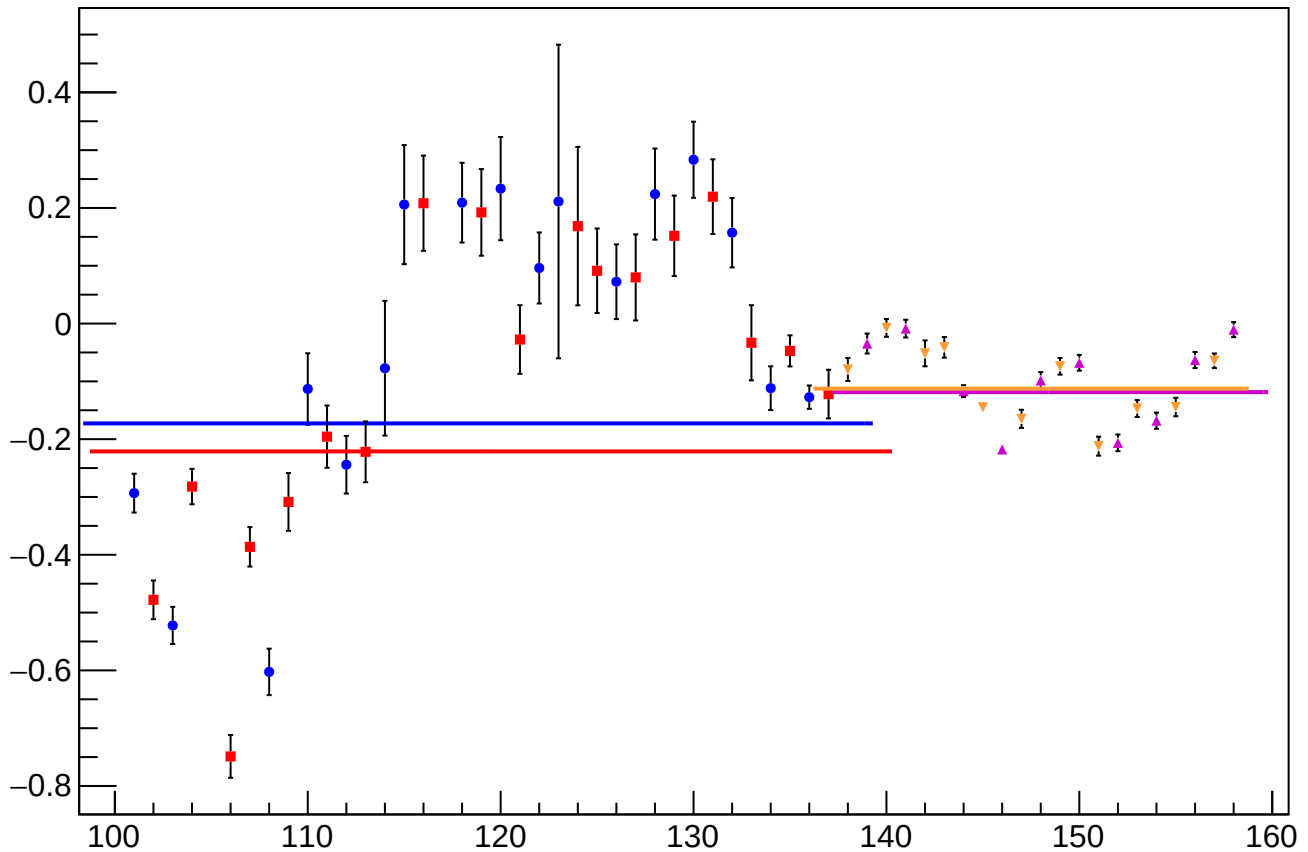
Right: 20.822 $\pm$ 0.149 χ^2 /NDF: 1950.5/34

In: 22.021 $\pm$ 0.075 χ^2 /NDF:1384.9/26

Out: 21.299 $\pm$ 0.083 χ^2 /NDF:859.0/28

All: 21.695 $\pm$ 0.056 χ^2 /NDF: 2285.8/55

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: -0.113 ± 0.004 χ^2/NDF : 167.9/10

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: -0.116 ± 0.003 χ^2/NDF : 532.4/20

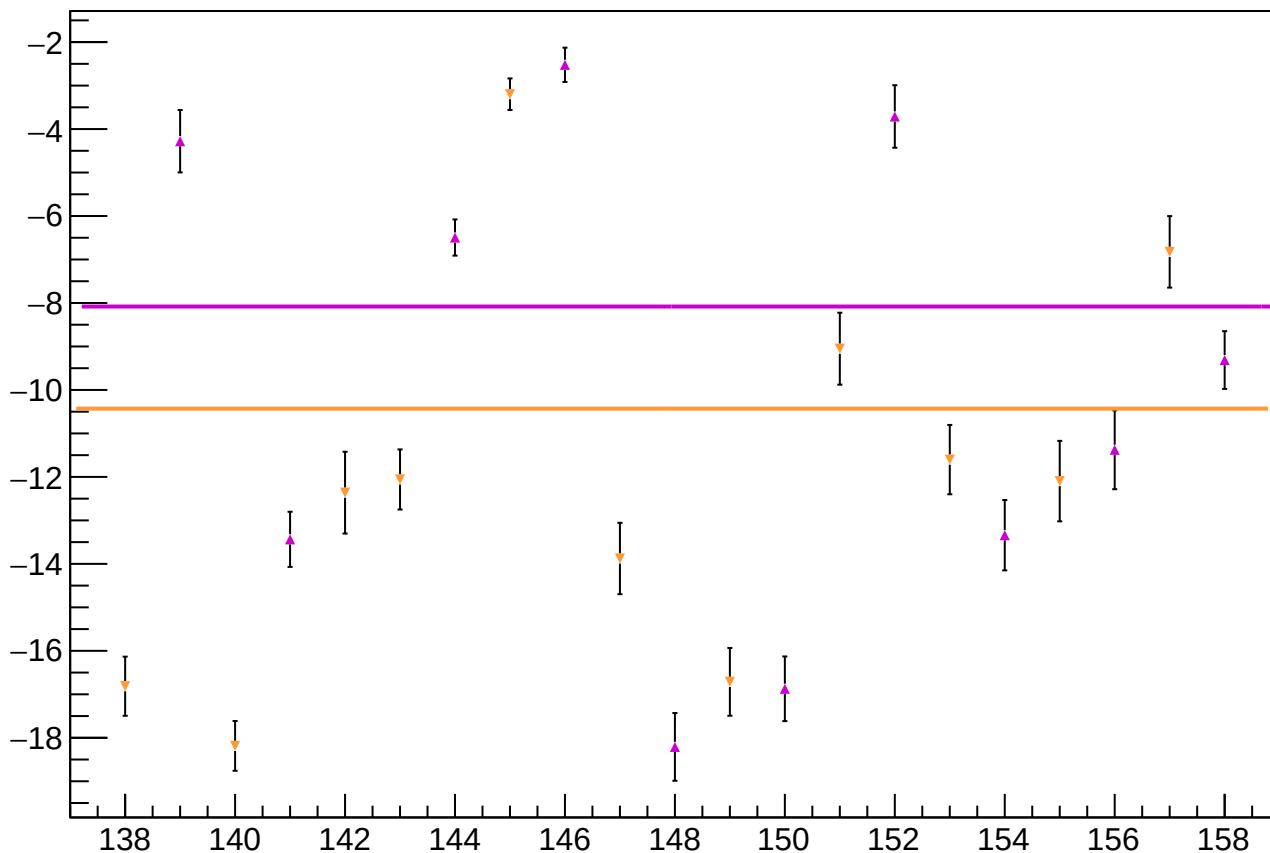
Right: -0.197 ± 0.008 χ^2/NDF : 1005.0/34

In: -0.125 ± 0.004 χ^2/NDF : 844.5/26

Out: -0.127 ± 0.004 χ^2/NDF : 788.2/28

All: -0.126 ± 0.003 χ^2/NDF : 1632.8/55

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: -10.430+/-0.201 χ^2/NDF : 789.3/10

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: -9.207+/-0.139 χ^2/NDF : 1577.7/20

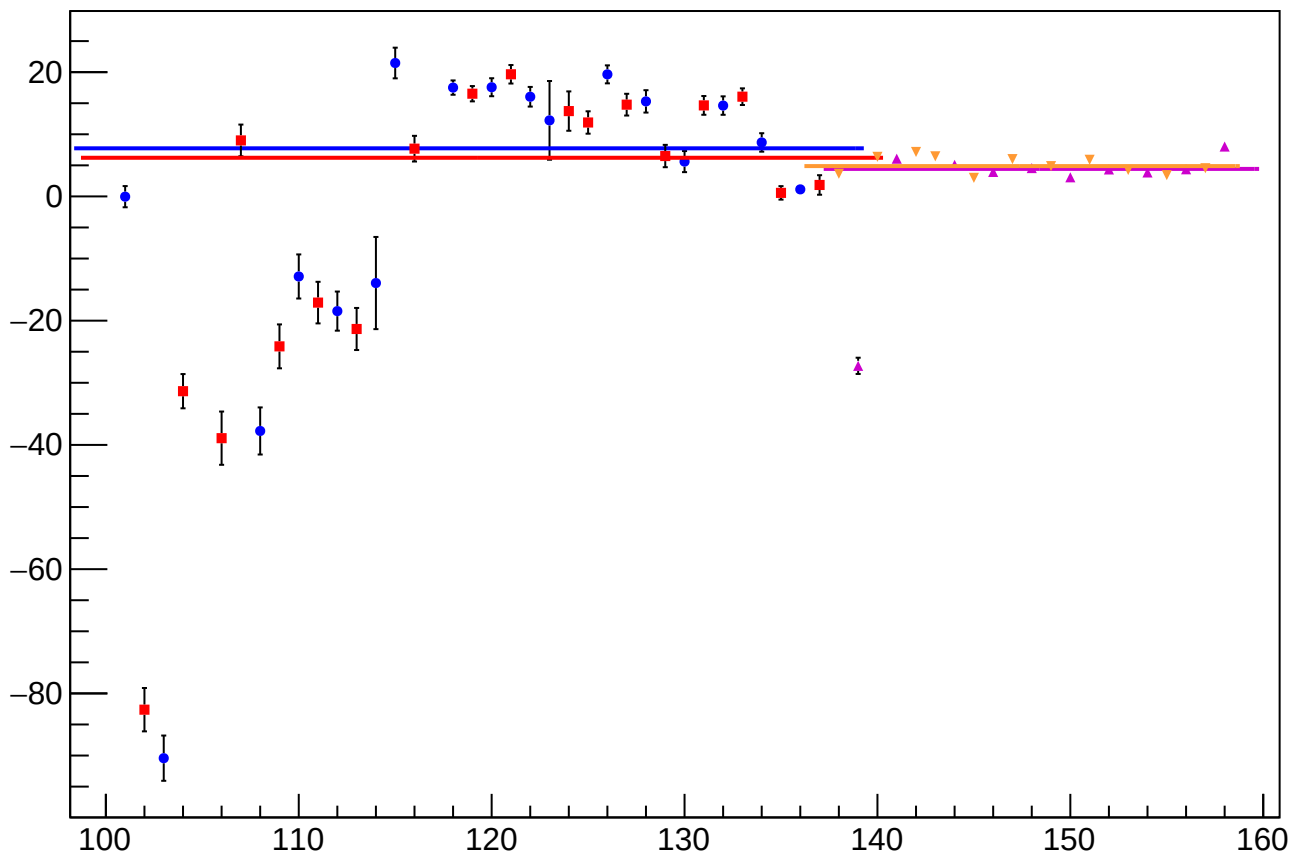
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.082+/-0.192 χ^2/NDF : 717.0/9

Out: -10.430+/-0.201 χ^2/NDF : 789.3/10

All: -9.207+/-0.139 χ^2/NDF : 1577.7/20

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: 4.880 $\pm$ 0.142 χ^2 /NDF:102.2/10

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: 4.637 $\pm$ 0.096 χ^2 /NDF: 789.1/20

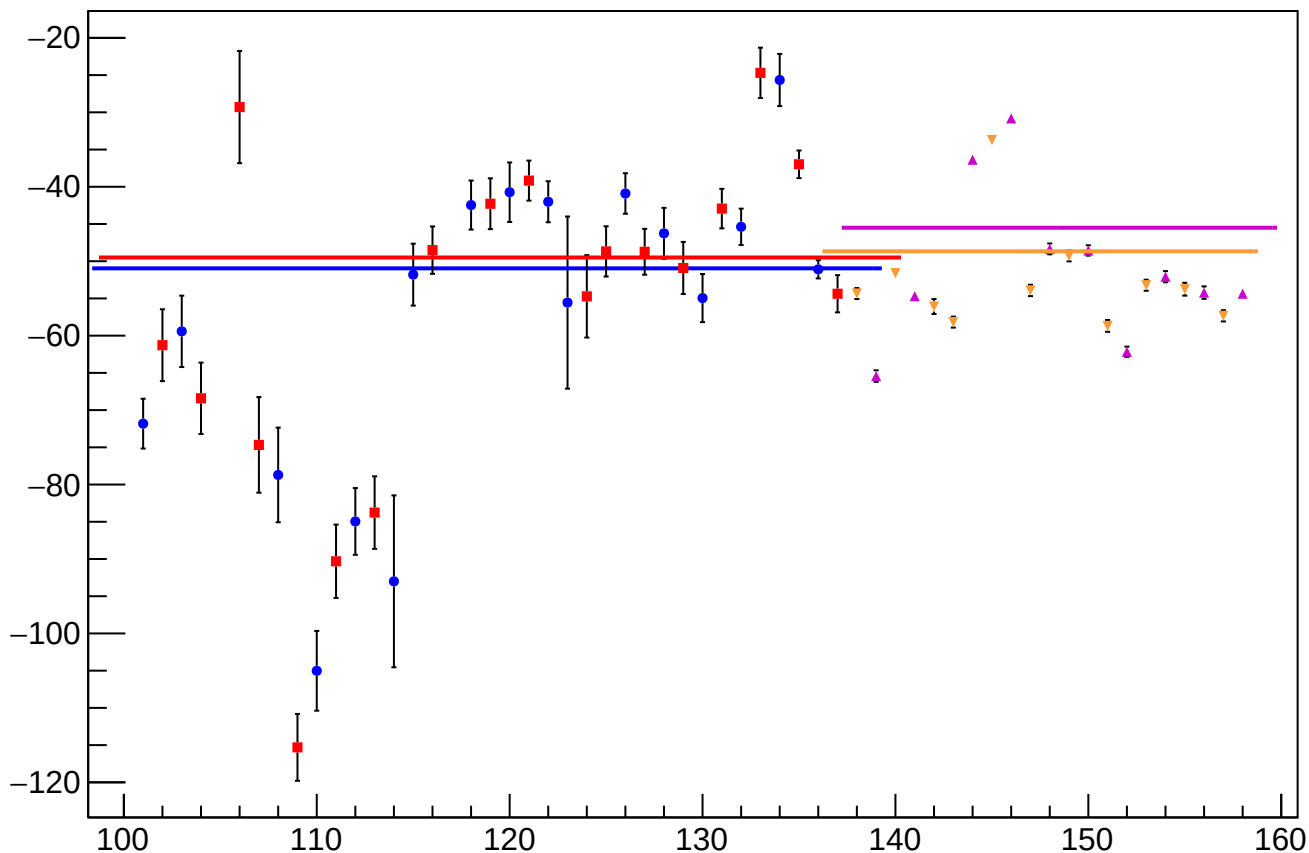
Right: 7.037 $\pm$ 0.295 χ^2 /NDF: 2811.4/34

In: 4.746 $\pm$ 0.125 χ^2 /NDF:2101.5/26

Out: 5.009 $\pm$ 0.135 χ^2 /NDF:1556.8/28

All: 4.868 $\pm$ 0.092 χ^2 /NDF: 3660.3/55

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -50.959 ± 0.738 $\chi^2/\text{NDF}: 331.9/16$

Left Out: -48.668 ± 0.204 $\chi^2/\text{NDF}: 2202.9/10$

Right Out: -49.502 ± 0.798 $\chi^2/\text{NDF}: 506.4/17$

Left In: -45.503 ± 0.190 $\chi^2/\text{NDF}: 3773.1/9$

Left: -46.976 ± 0.139 $\chi^2/\text{NDF}: 6105.2/20$

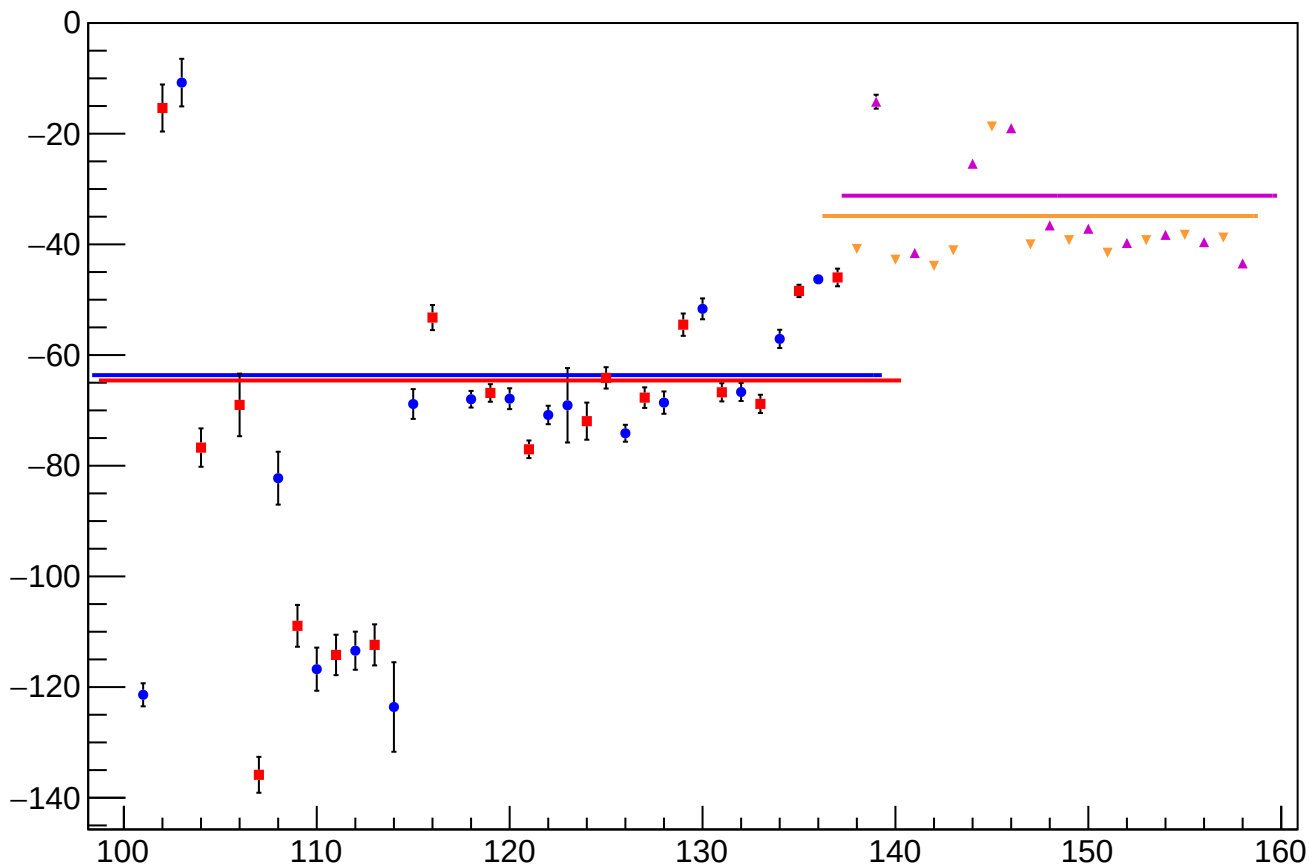
Right: -50.287 ± 0.542 $\chi^2/\text{NDF}: 840.1/34$

In: -45.842 ± 0.184 $\chi^2/\text{NDF}: 4156.2/26$

Out: -48.719 ± 0.197 $\chi^2/\text{NDF}: 2710.3/28$

All: -47.180 ± 0.135 $\chi^2/\text{NDF}: 6980.3/55$

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.631 ± 0.446 χ^2/NDF : 2011.2/16

Left Out: -34.870 ± 0.171 χ^2/NDF : 3241.3/10

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: -32.896 ± 0.116 χ^2/NDF : 7110.4/20

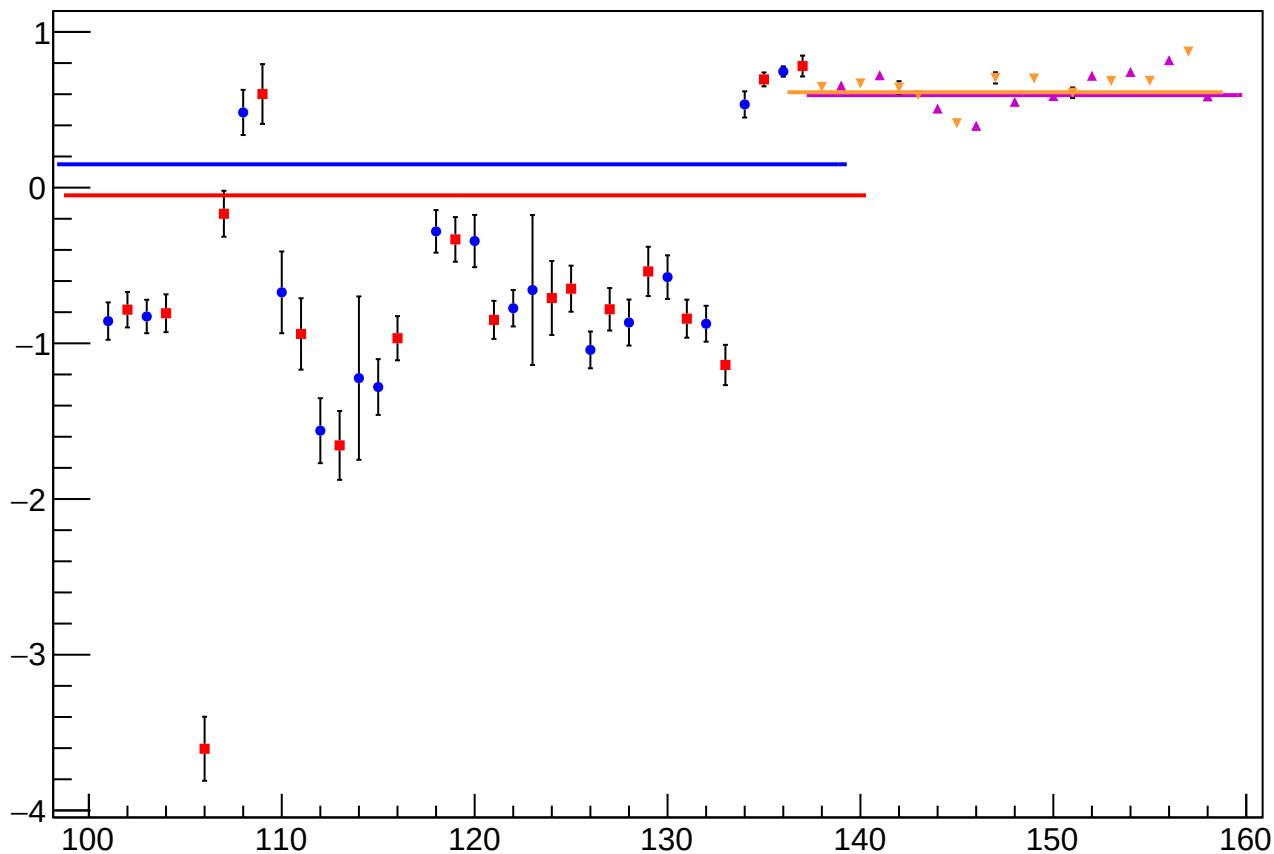
Right: -64.073 ± 0.327 χ^2/NDF : 3607.7/34

In: -34.827 ± 0.149 χ^2/NDF : 10331.1/26

Out: -38.182 ± 0.161 χ^2/NDF : 8211.5/28

All: -36.375 ± 0.109 χ^2/NDF : 18776.6/55

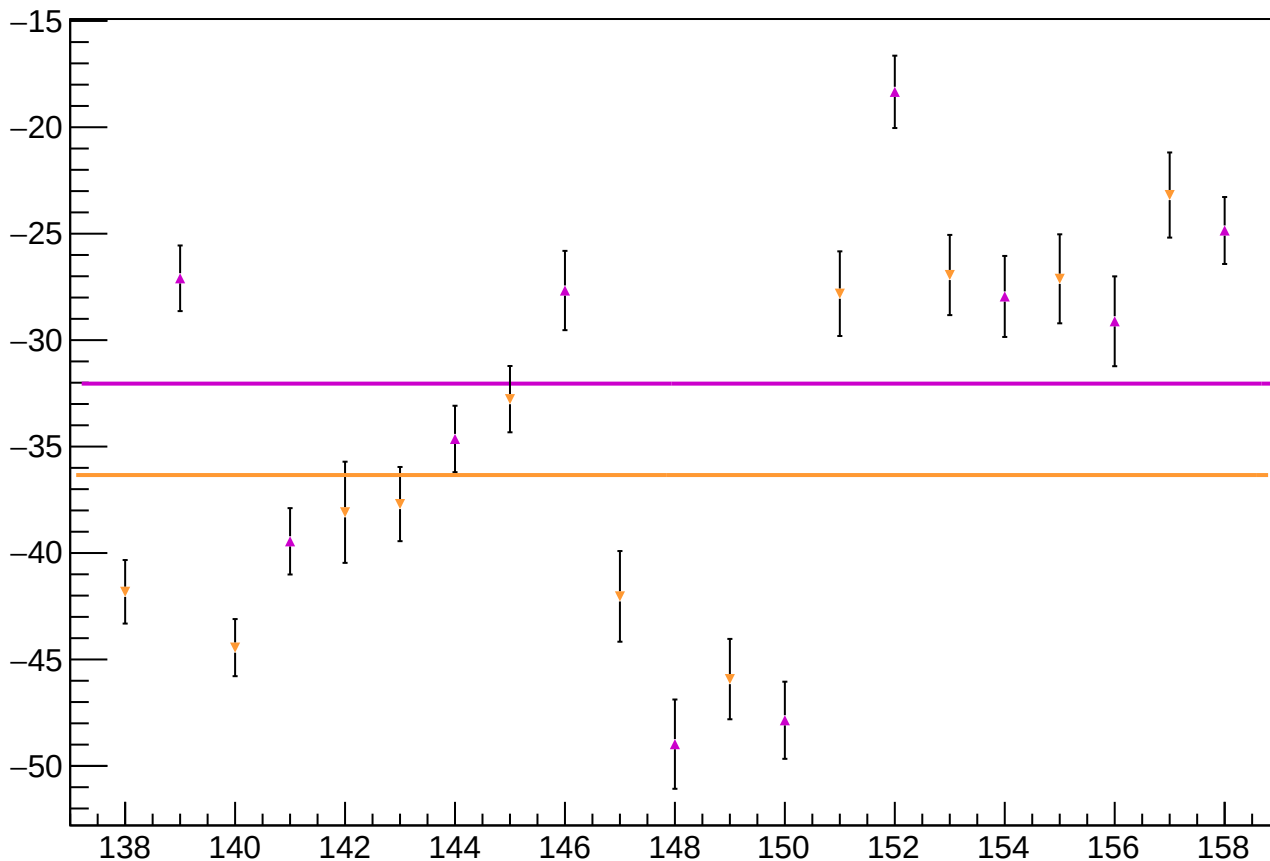
reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.150 ± 0.024 χ^2/NDF : 989.2/16
 Left Out: 0.613 ± 0.008 χ^2/NDF : 310.7/10
 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: 0.603 ± 0.006 χ^2/NDF : 601.9/20
 Right: 0.059 ± 0.018 χ^2/NDF : 2174.6/34
 In: 0.552 ± 0.007 χ^2/NDF : 1588.6/26
 Out: 0.555 ± 0.008 χ^2/NDF : 2046.8/28
 All: 0.554 ± 0.005 χ^2/NDF : 3635.5/55

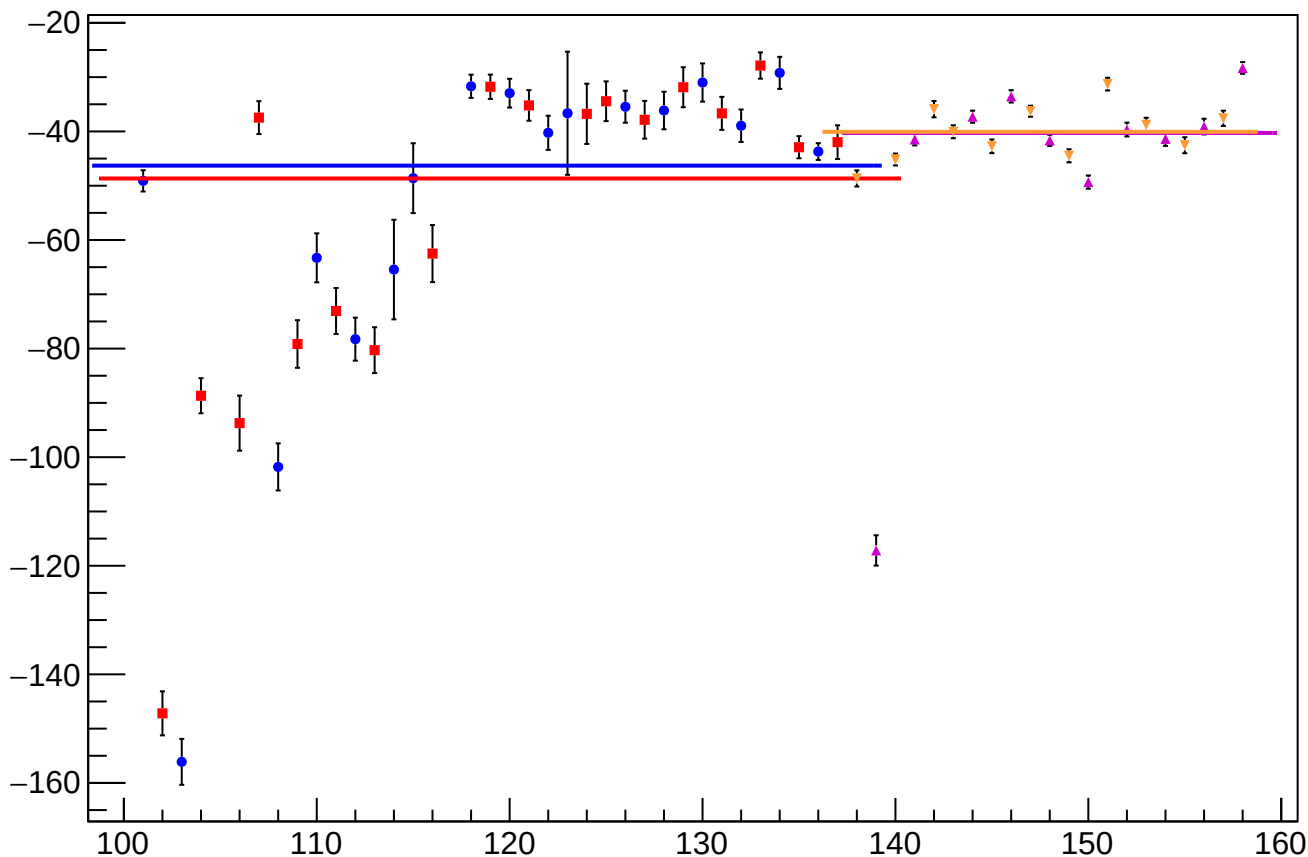
reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 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: -34.229+/-0.385 χ^2/NDF : 501.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -32.043+/-0.549 χ^2/NDF :275.1/9
 Out: -36.337+/-0.539 χ^2/NDF :195.3/10
 All: -34.229+/-0.385 χ^2/NDF : 501.5/20

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.301 ± 0.723 $\chi^2/\text{NDF}: 1084.0/16$

Left Out: -40.072 ± 0.378 $\chi^2/\text{NDF}: 157.3/10$

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: -40.175 ± 0.271 $\chi^2/\text{NDF}: 1140.2/20$

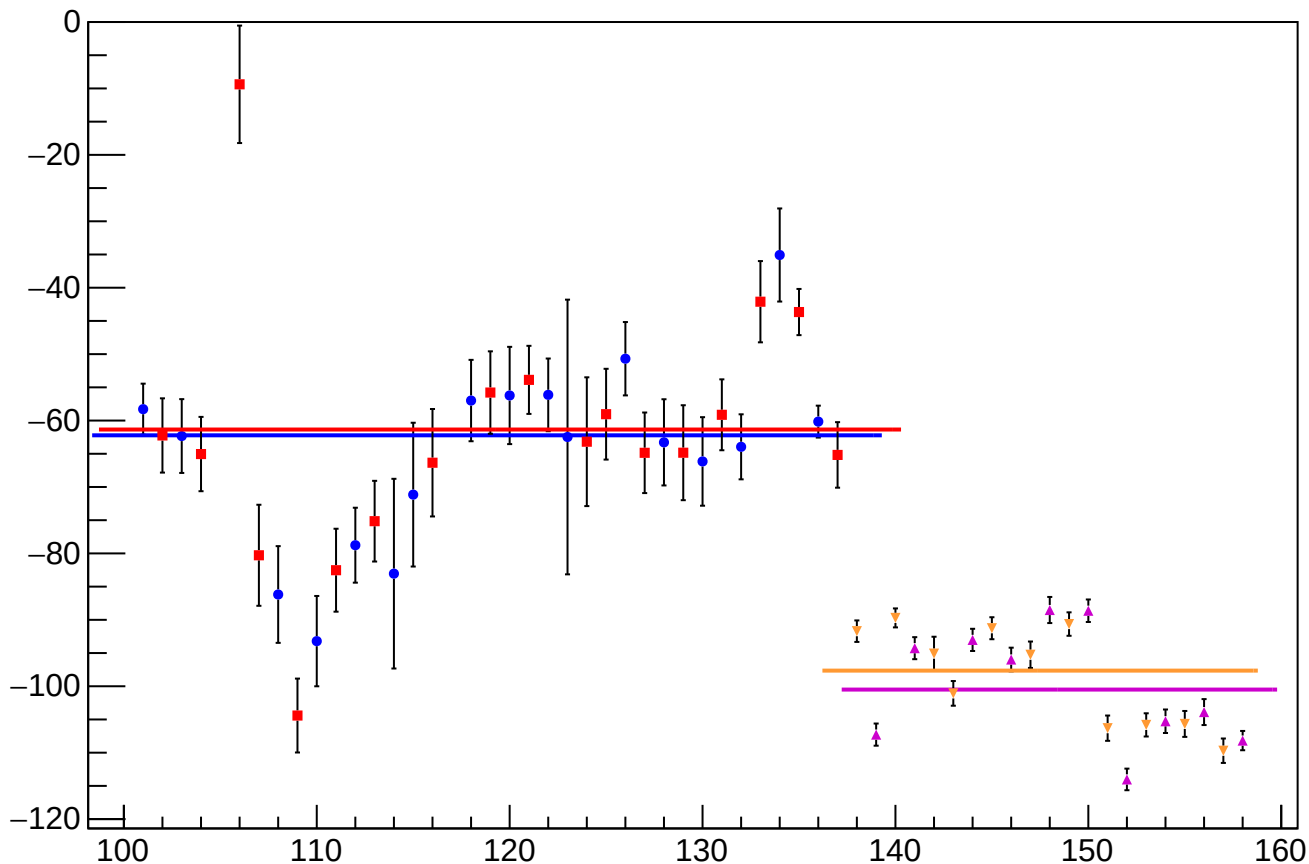
Right: -47.420 ± 0.525 $\chi^2/\text{NDF}: 2301.3/34$

In: -41.623 ± 0.341 $\chi^2/\text{NDF}: 2120.5/26$

Out: -41.767 ± 0.339 $\chi^2/\text{NDF}: 1471.3/28$

All: -41.695 ± 0.240 $\chi^2/\text{NDF}: 3591.9/55$

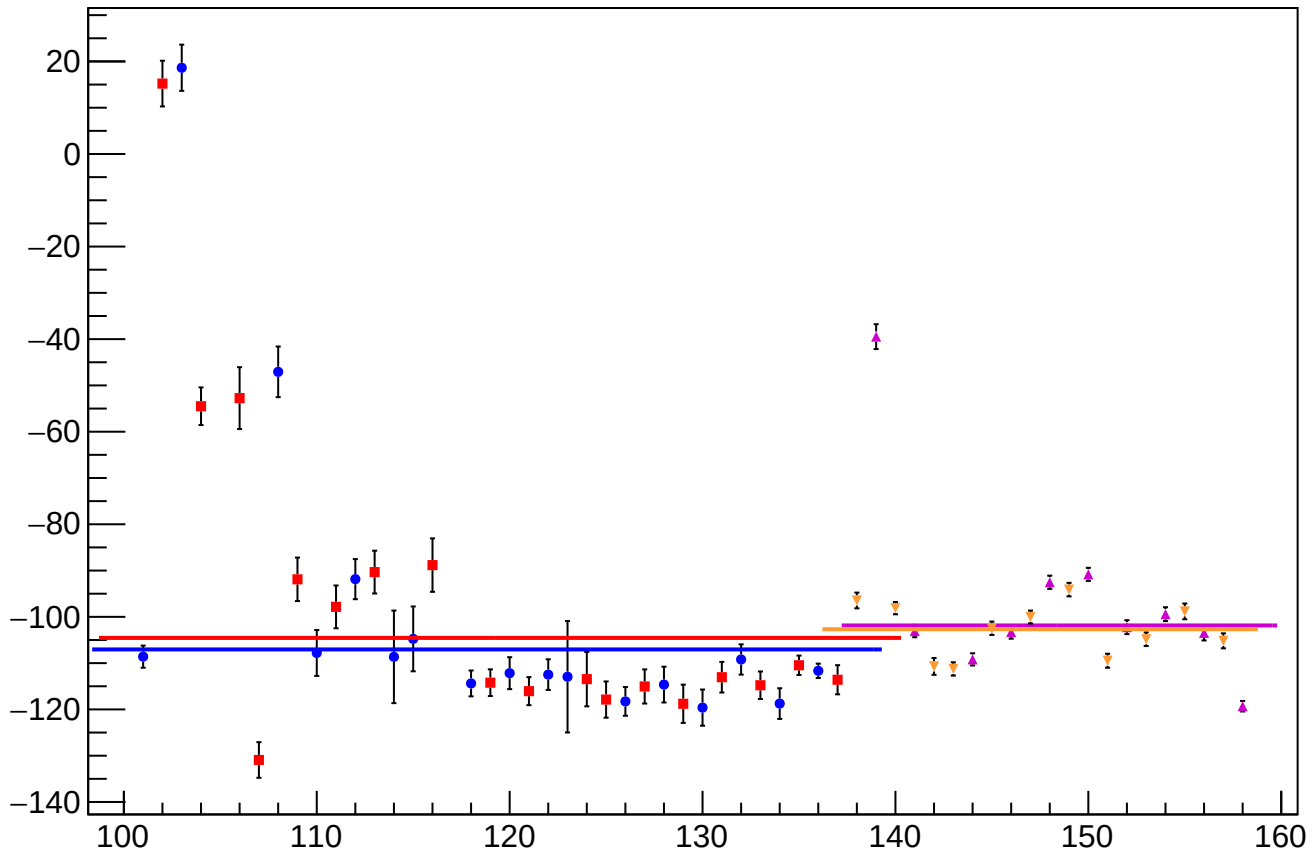
reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.221 ± 1.312 $\chi^2/\text{NDF}: 67.3/16$
 Left Out: -97.645 ± 0.541 $\chi^2/\text{NDF}: 183.3/10$
 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: -99.076 ± 0.382 $\chi^2/\text{NDF}: 448.1/20$
 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: -92.827 ± 0.504 $\chi^2/\text{NDF}: 939.2/28$
 All: -93.906 ± 0.354 $\chi^2/\text{NDF}: 1994.9/55$

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -107.040 ± 0.812 χ^2/NDF : 827.8/16

Left Out: -102.675 ± 0.457 χ^2/NDF : 148.0/10

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: -102.269 ± 0.324 χ^2/NDF : 1062.0/20

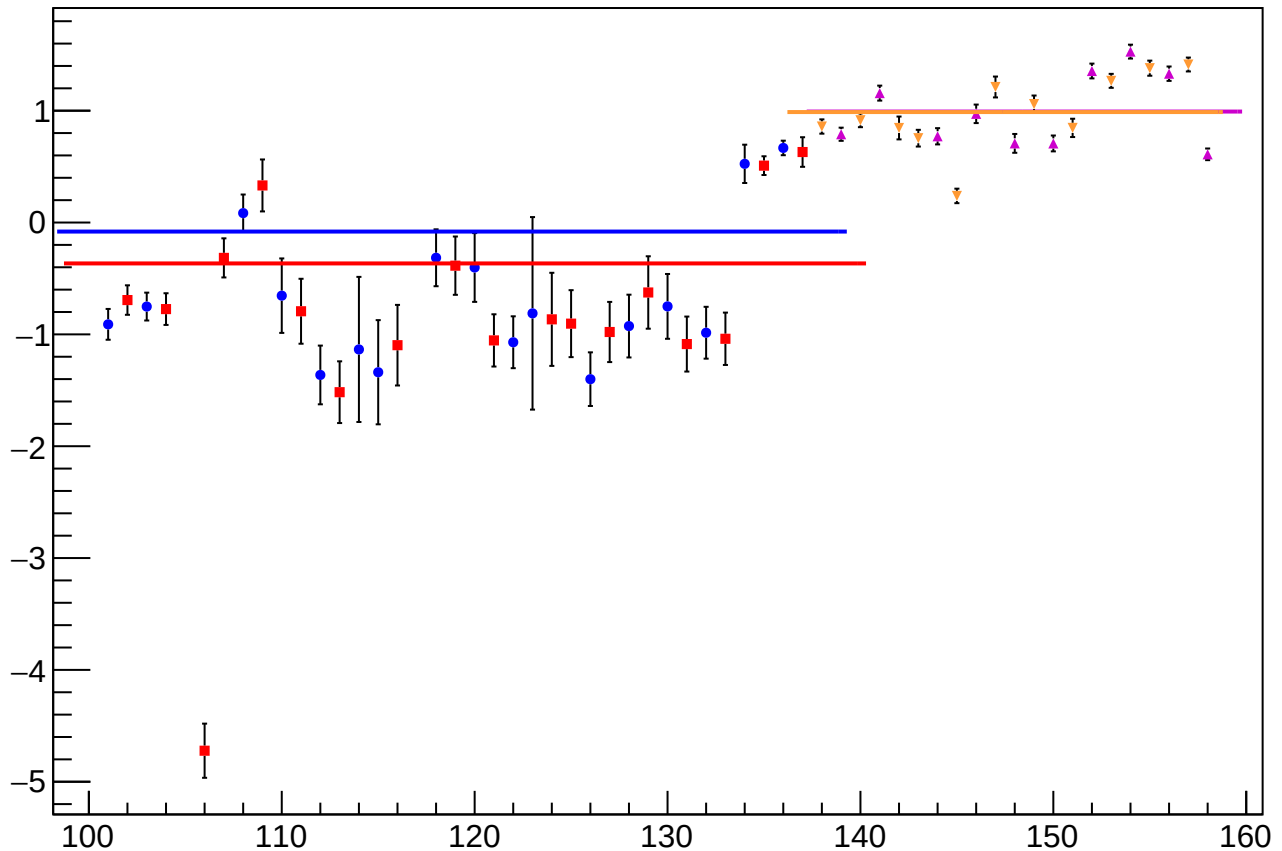
Right: -105.867 ± 0.591 χ^2/NDF : 1799.7/34

In: -103.110 ± 0.399 χ^2/NDF : 1771.0/26

Out: -103.088 ± 0.404 χ^2/NDF : 1119.2/28

All: -103.099 ± 0.284 χ^2/NDF : 2890.2/55

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: 0.988 ± 0.021 χ^2/NDF : 261.0/10

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: 0.990 ± 0.015 χ^2/NDF : 501.8/20

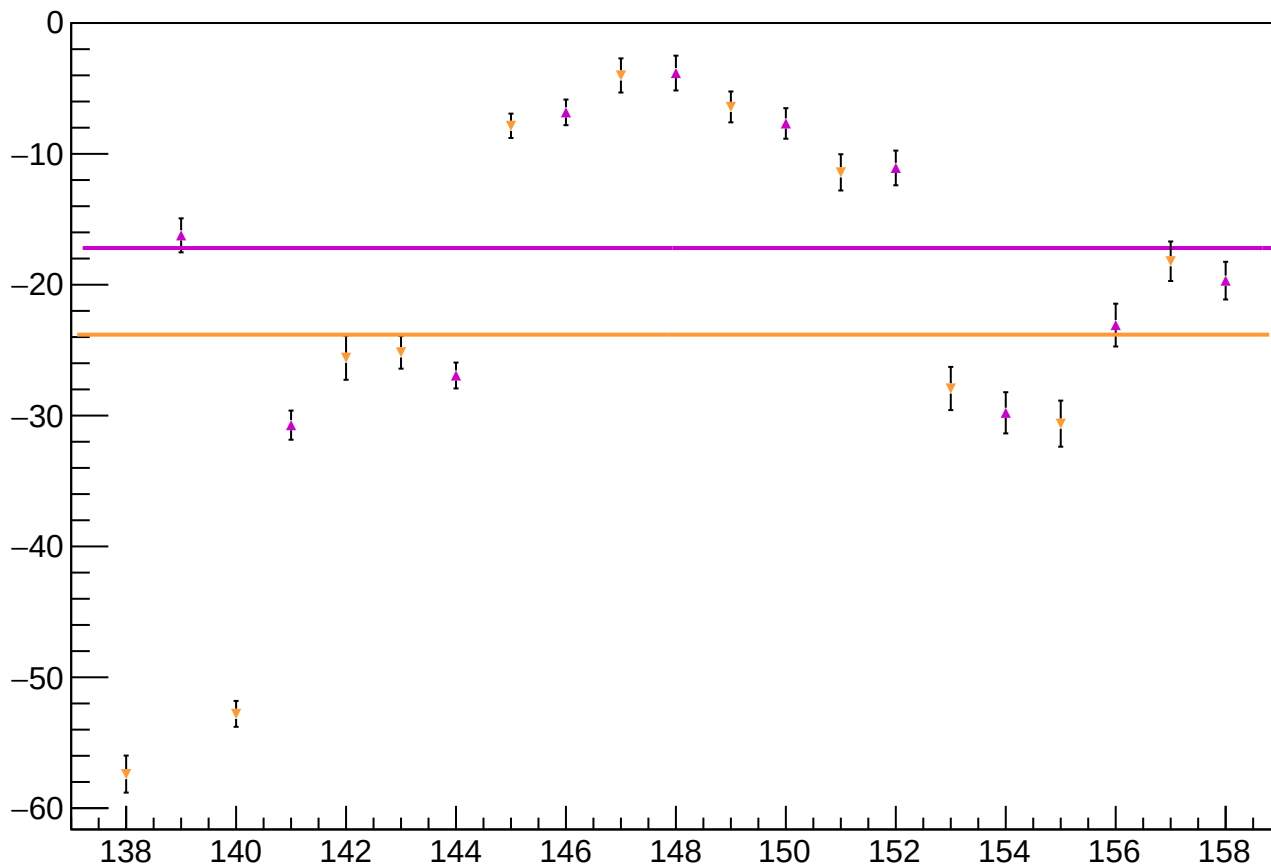
Right: -0.217 ± 0.030 χ^2/NDF : 923.5/34

In: 0.780 ± 0.019 χ^2/NDF : 1088.7/26

Out: 0.729 ± 0.019 χ^2/NDF : 1598.9/28

All: 0.755 ± 0.013 χ^2/NDF : 2691.3/55

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: -23.814+/-0.388 χ^2/NDF :2280.3/10

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: -20.514+/-0.275 χ^2/NDF : 3051.9/20

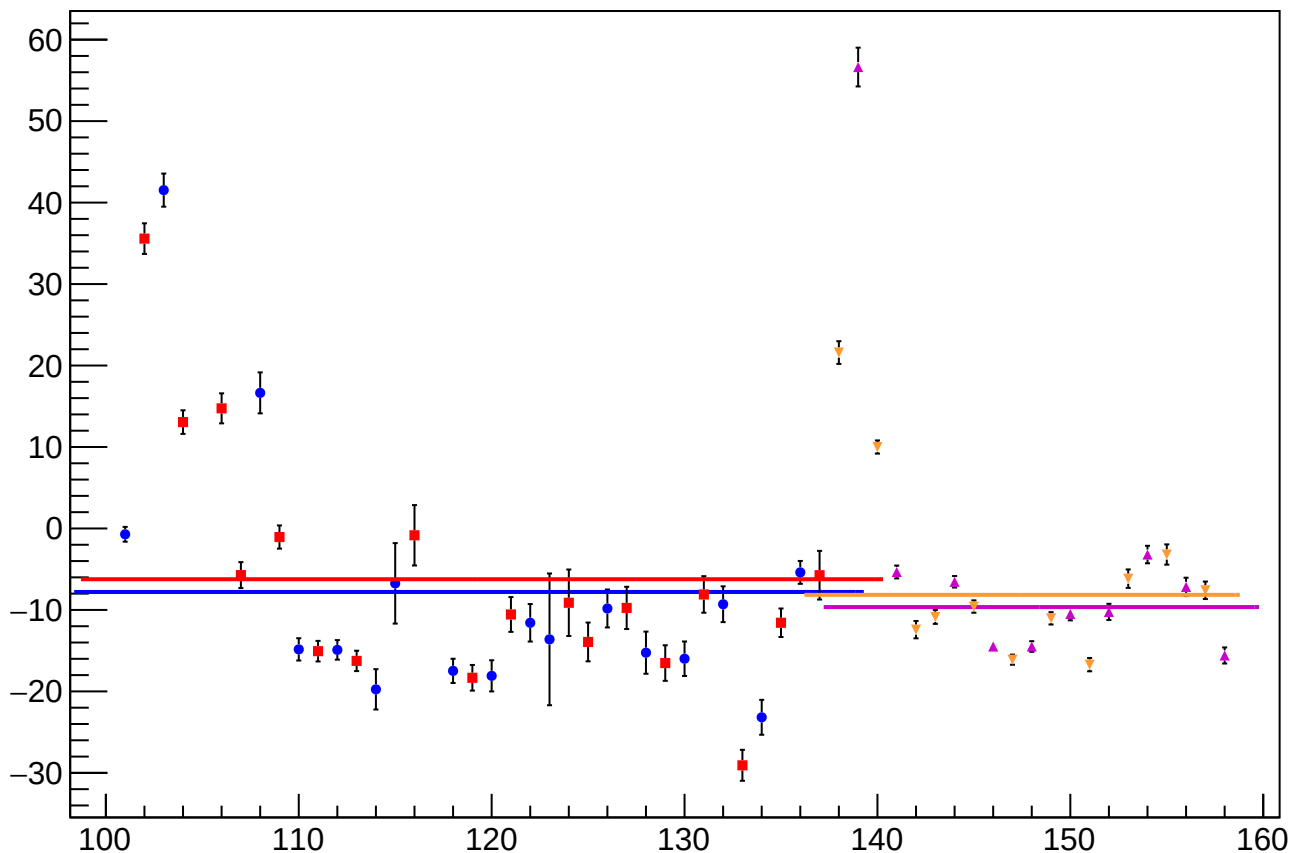
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -17.196+/-0.389 χ^2/NDF :626.8/9

Out: -23.814+/-0.388 χ^2/NDF :2280.3/10

All: -20.514+/-0.275 χ^2/NDF : 3051.9/20

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.794 ± 0.428 χ^2/NDF : 982.7/16

Left Out: -8.148 ± 0.266 χ^2/NDF : 1295.5/10

Right Out: -6.231 ± 0.430 χ^2/NDF : 1183.0/17

Left In: -9.646 ± 0.266 χ^2/NDF : 1020.3/9

Left: -8.896 ± 0.188 χ^2/NDF : 2331.6/20

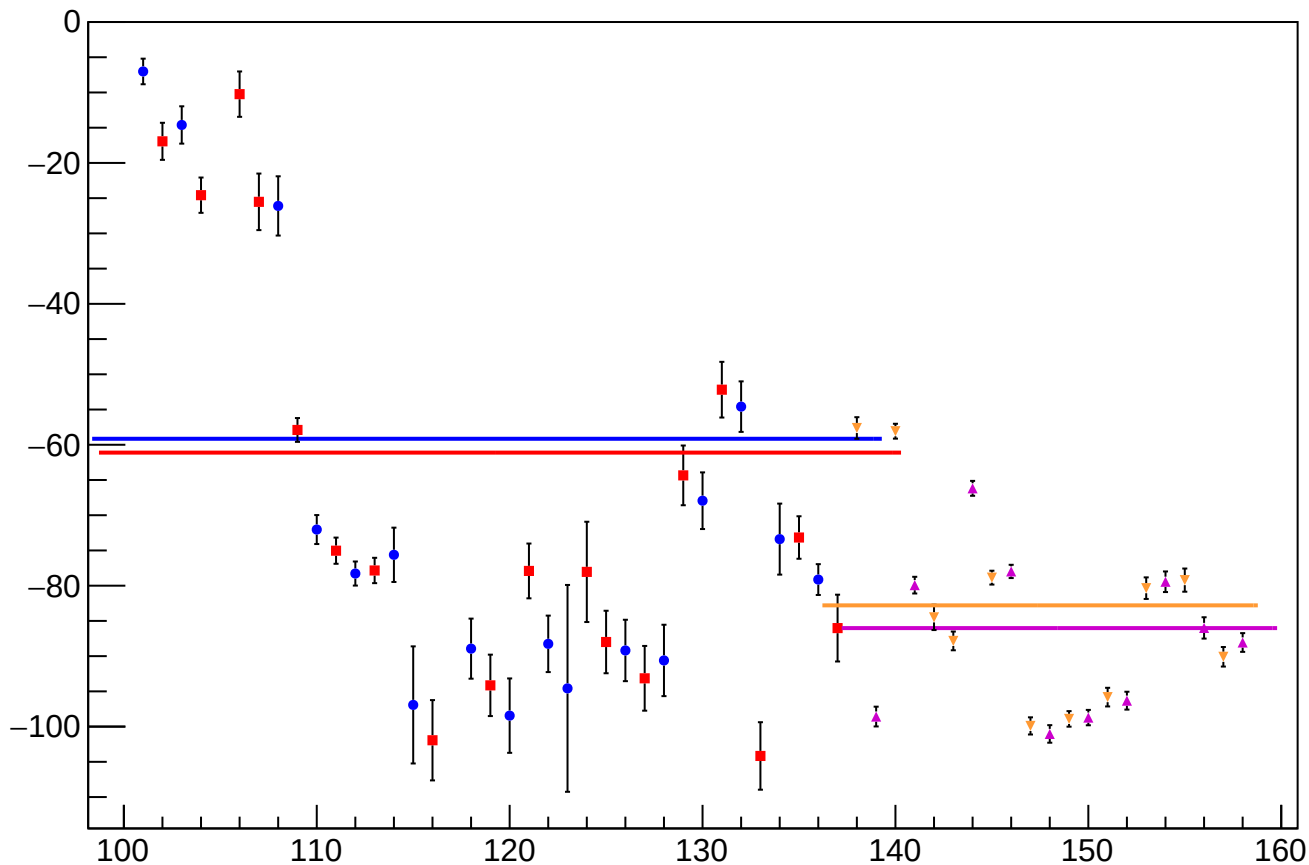
Right: -7.016 ± 0.303 χ^2/NDF : 2172.3/34

In: -9.129 ± 0.226 χ^2/NDF : 2016.5/26

Out: -7.617 ± 0.226 χ^2/NDF : 2492.8/28

All: -8.373 ± 0.160 χ^2/NDF : 4531.6/55

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.150 ± 0.745 χ^2/NDF : 1718.3/16

Left Out: -82.792 ± 0.389 χ^2/NDF : 1392.2/10

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: -84.431 ± 0.273 χ^2/NDF : 2327.5/20

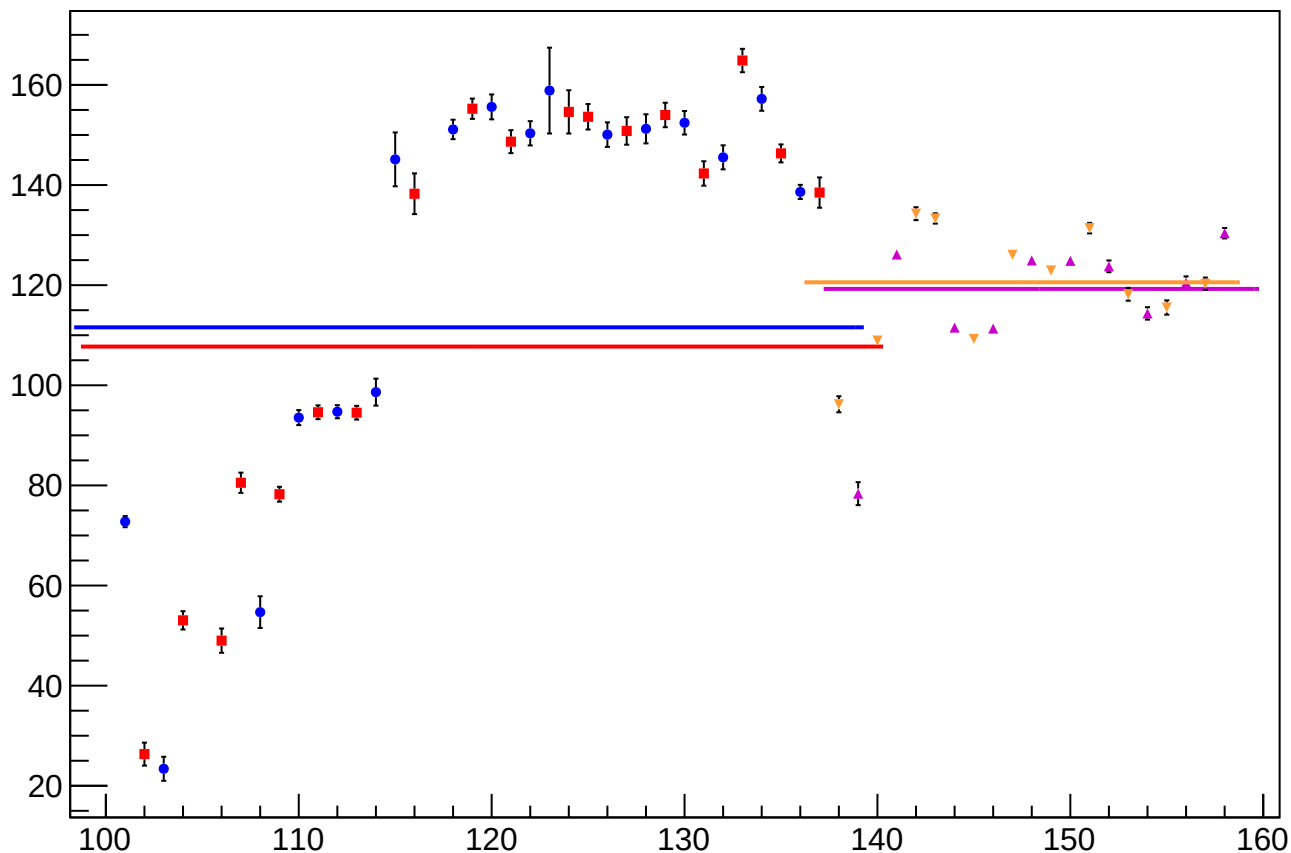
Right: -60.182 ± 0.513 χ^2/NDF : 3039.8/34

In: -80.407 ± 0.341 χ^2/NDF : 3647.1/26

Out: -77.765 ± 0.341 χ^2/NDF : 3430.7/28

All: -79.087 ± 0.241 χ^2/NDF : 7107.9/55

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: 120.572 $\pm$ 0.324 χ^2 /NDF:976.5/10

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: 119.905 $\pm$ 0.228 χ^2 /NDF: 1768.6/20

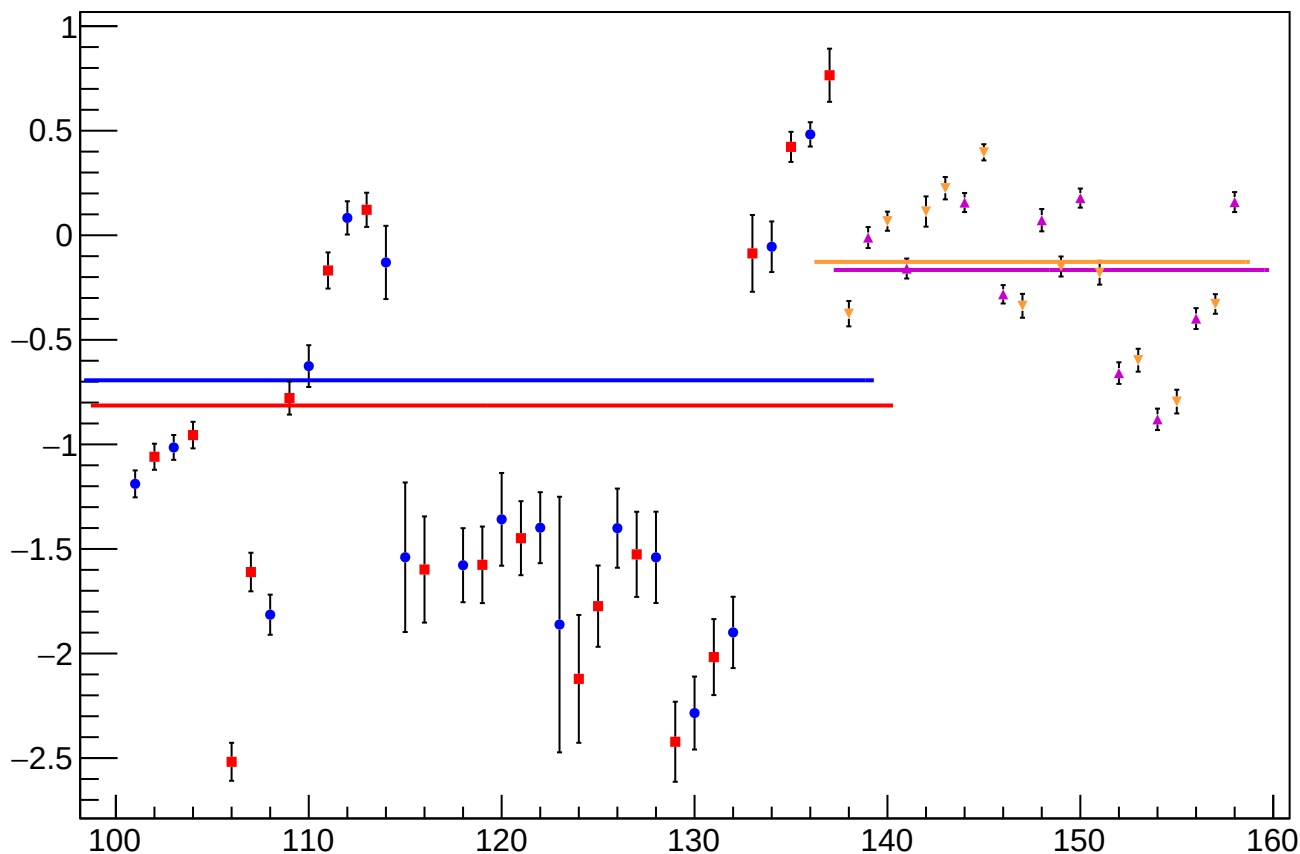
Right: 109.661 $\pm$ 0.345 χ^2 /NDF: 12813.2/34

In: 116.937 $\pm$ 0.268 χ^2 /NDF:6902.6/26

Out: 116.647 $\pm$ 0.270 χ^2 /NDF:8291.9/28

All: 116.793 $\pm$ 0.190 χ^2 /NDF: 15195.1/55

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: -0.127 ± 0.016 χ^2/NDF : 518.5/10

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: -0.147 ± 0.011 χ^2/NDF : 1017.5/20

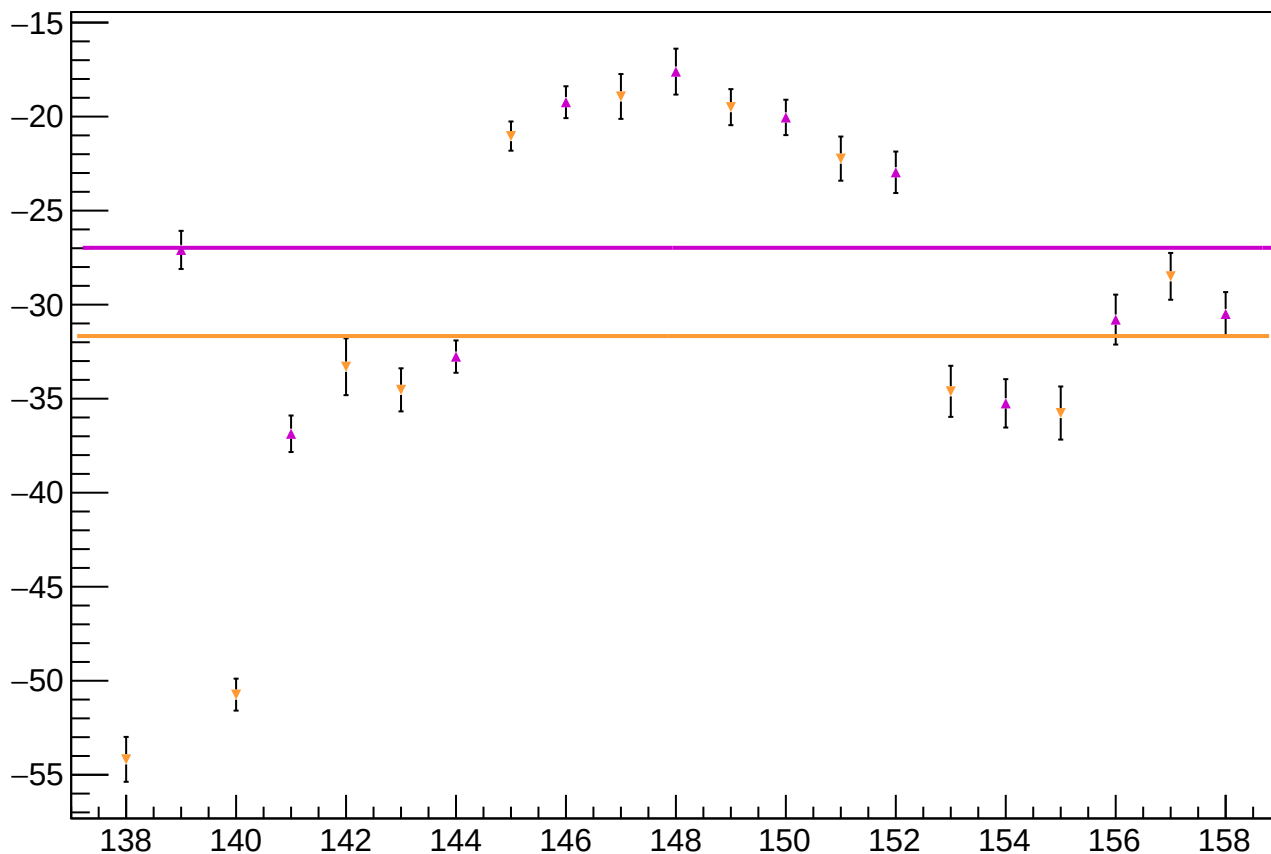
Right: -0.757 ± 0.018 χ^2/NDF : 2310.9/34

In: -0.304 ± 0.013 χ^2/NDF : 1795.4/26

Out: -0.326 ± 0.013 χ^2/NDF : 2386.9/28

All: -0.315 ± 0.009 χ^2/NDF : 4183.7/55

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



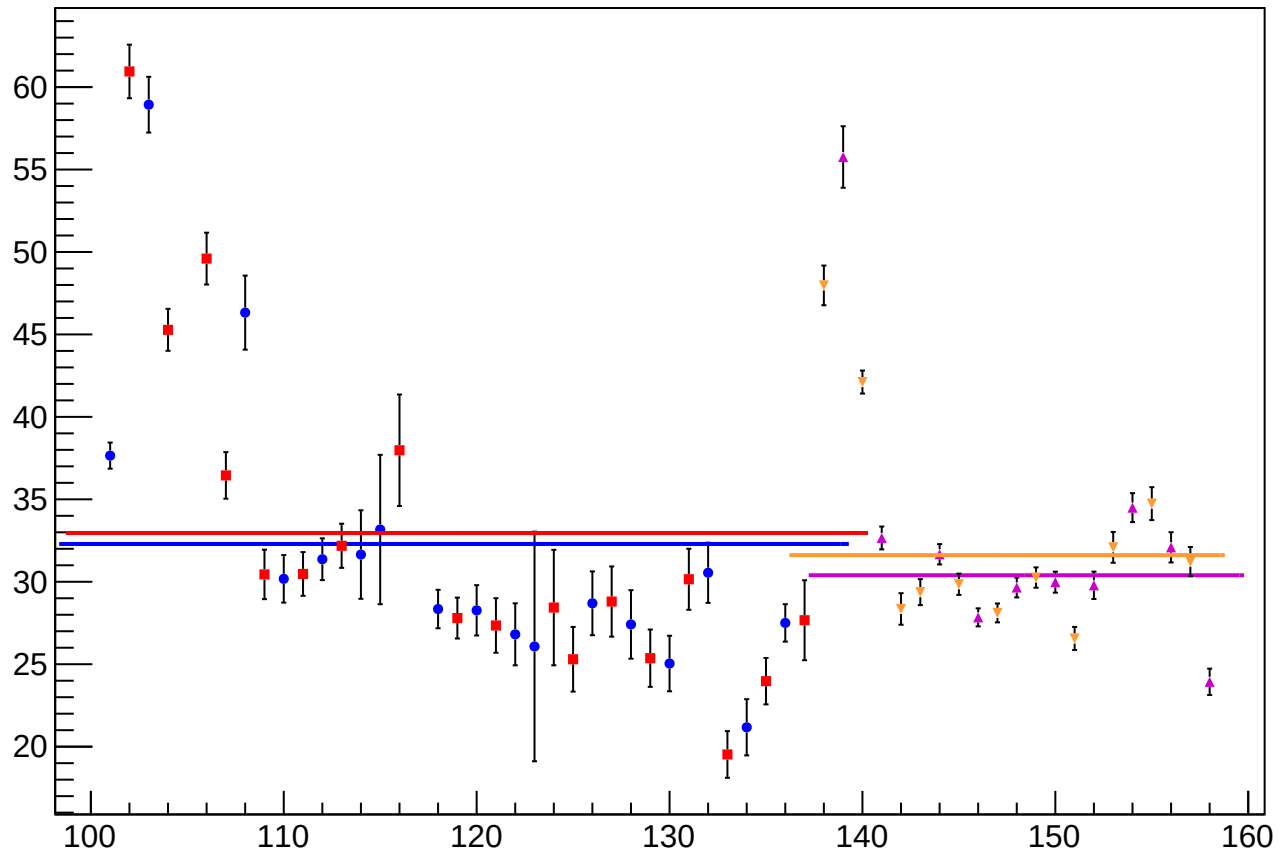
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -31.670+/-0.331 χ^2/NDF :1413.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -26.977+/-0.328 χ^2/NDF :418.0/9

Left: -29.302+/-0.233 χ^2/NDF : 1933.2/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -26.977+/-0.328 χ^2/NDF :418.0/9
 Out: -31.670+/-0.331 χ^2/NDF :1413.5/10

All: -29.302+/-0.233 χ^2/NDF : 1933.2/20

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 32.293 ± 0.373 $\chi^2/\text{NDF}: 452.5/16$

Left Out: 31.616 ± 0.229 $\chi^2/\text{NDF}: 543.0/10$

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: 31.004 ± 0.162 $\chi^2/\text{NDF}: 872.2/20$

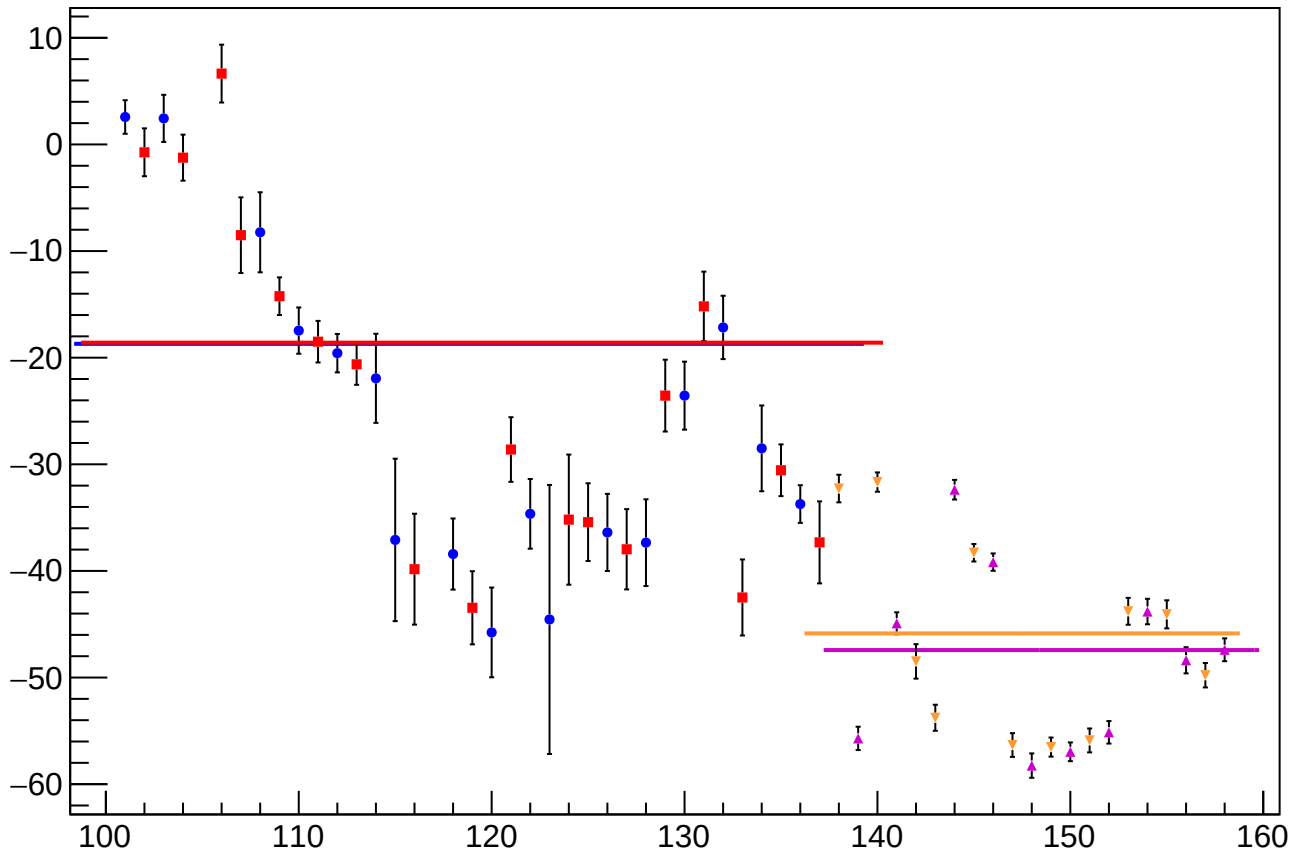
Right: 32.620 ± 0.266 $\chi^2/\text{NDF}: 1178.1/34$

In: 30.914 ± 0.195 $\chi^2/\text{NDF}: 786.4/26$

Out: 31.975 ± 0.196 $\chi^2/\text{NDF}: 1276.2/28$

All: 31.441 ± 0.138 $\chi^2/\text{NDF}: 2077.2/55$

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.699 ± 0.667 χ^2/NDF : 519.1/16

Left Out: -45.859 ± 0.330 χ^2/NDF : 812.1/10

Right Out: -18.590 ± 0.648 χ^2/NDF : 461.3/17

Left In: -47.424 ± 0.322 χ^2/NDF : 703.2/9

Left: -46.661 ± 0.231 χ^2/NDF : 1526.8/20

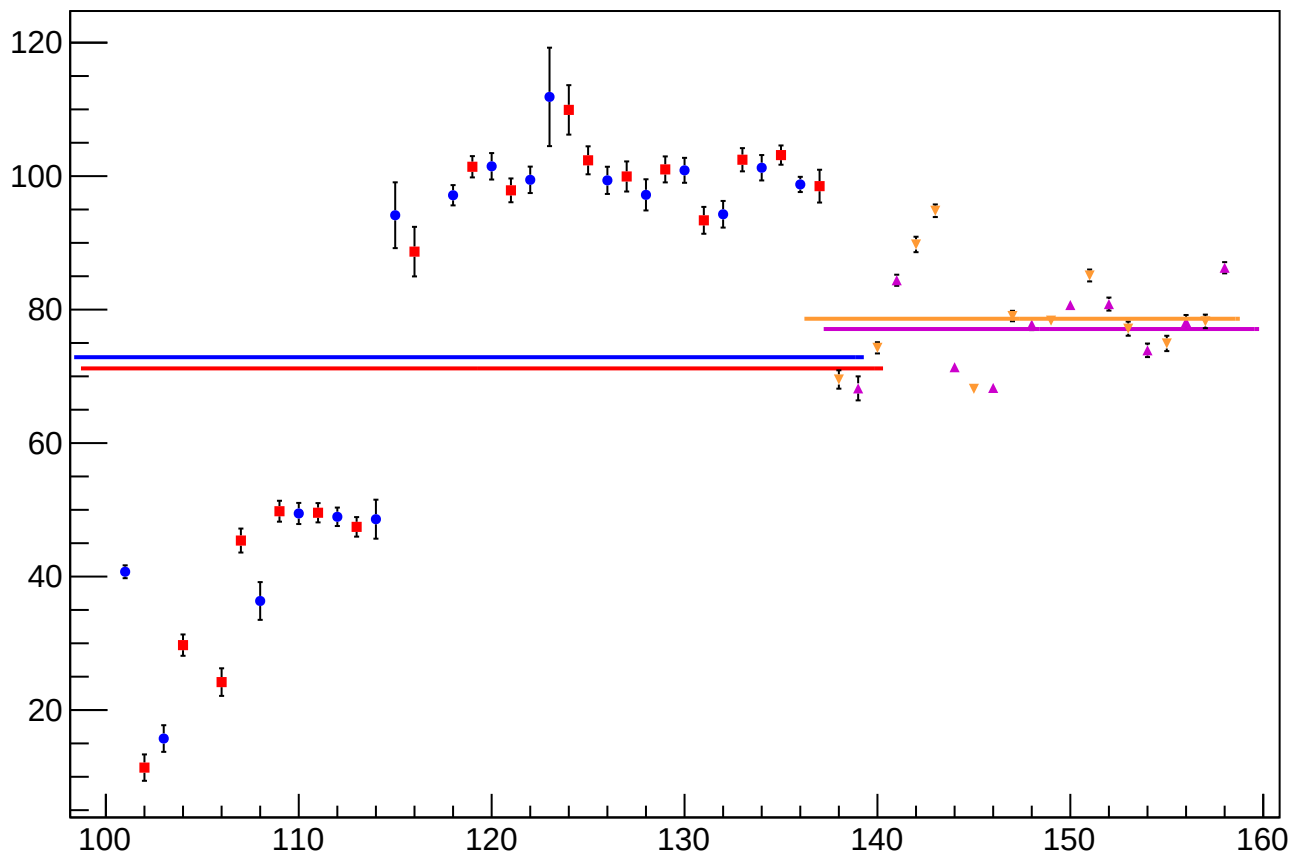
Right: -18.643 ± 0.464 χ^2/NDF : 980.4/34

In: -41.989 ± 0.290 χ^2/NDF : 2728.1/26

Out: -40.233 ± 0.294 χ^2/NDF : 2680.8/28

All: -41.124 ± 0.206 χ^2/NDF : 5427.1/55

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.870 $\pm$ 0.427 χ^2 /NDF: 4727.1/16

Left Out: 78.631 $\pm$ 0.278 χ^2 /NDF: 722.9/10

Right Out: 71.190 $\pm$ 0.434 χ^2 /NDF: 5375.1/17

Left In: 77.091 $\pm$ 0.273 χ^2 /NDF: 503.0/9

Left: 77.847 $\pm$ 0.195 χ^2 /NDF: 1241.6/20

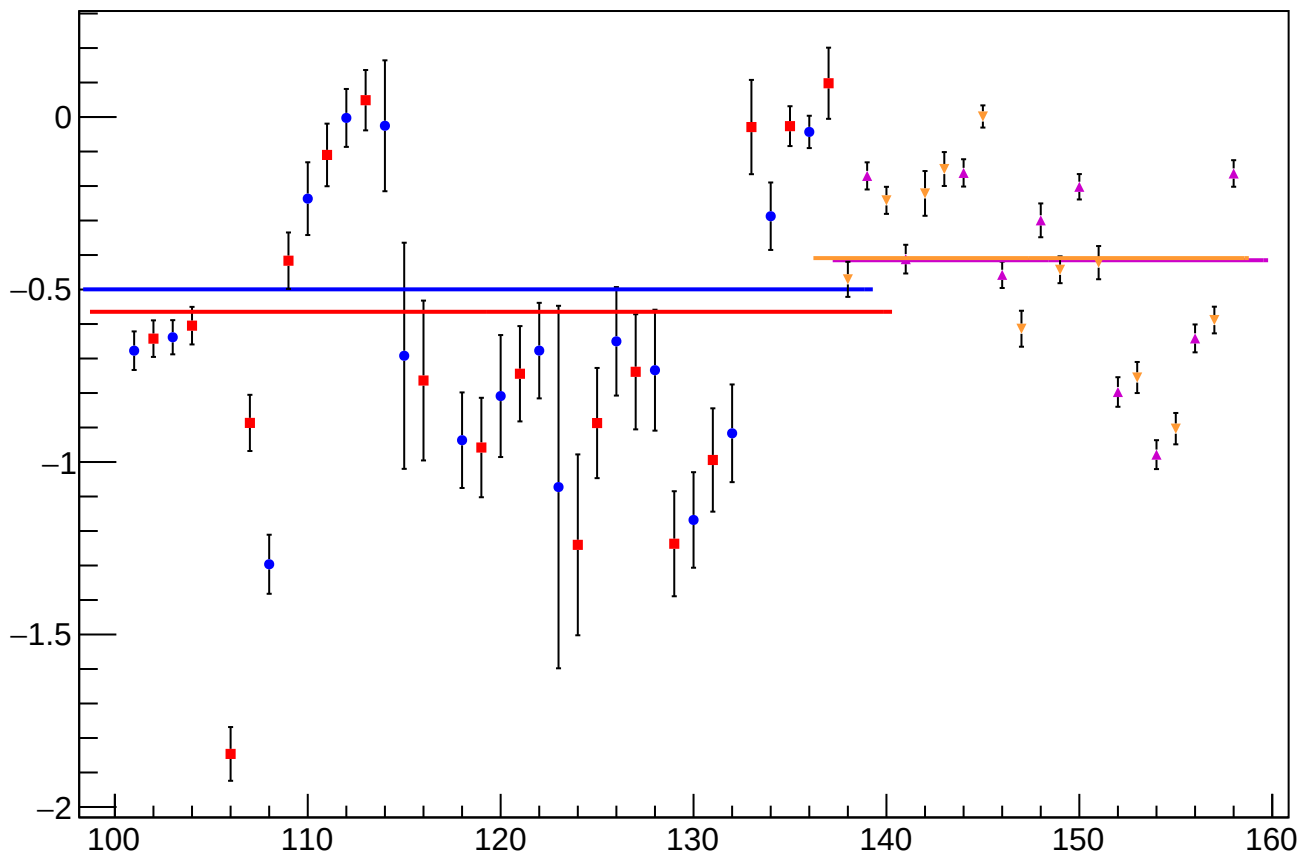
Right: 72.045 $\pm$ 0.304 χ^2 /NDF: 10109.9/34

In: 75.867 $\pm$ 0.230 χ^2 /NDF: 5299.6/26

Out: 76.467 $\pm$ 0.234 χ^2 /NDF: 6306.5/28

All: 76.161 $\pm$ 0.164 χ^2 /NDF: 11609.5/55

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: -0.409 ± 0.013 χ^2/NDF : 433.6/10

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: -0.412 ± 0.009 χ^2/NDF : 887.6/20

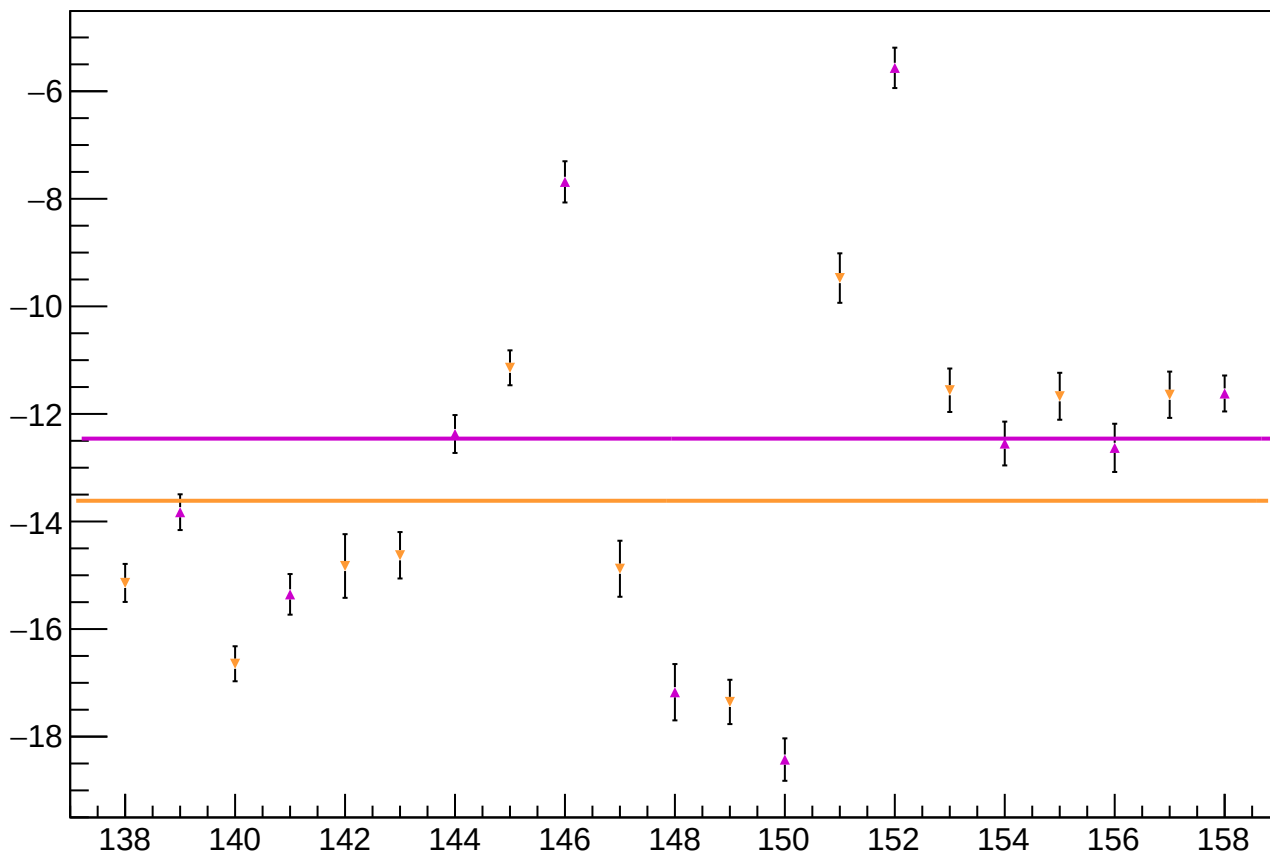
Right: -0.533 ± 0.015 χ^2/NDF : 866.4/34

In: -0.436 ± 0.011 χ^2/NDF : 767.3/26

Out: -0.451 ± 0.011 χ^2/NDF : 1030.9/28

All: -0.444 ± 0.008 χ^2/NDF : 1799.2/55

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



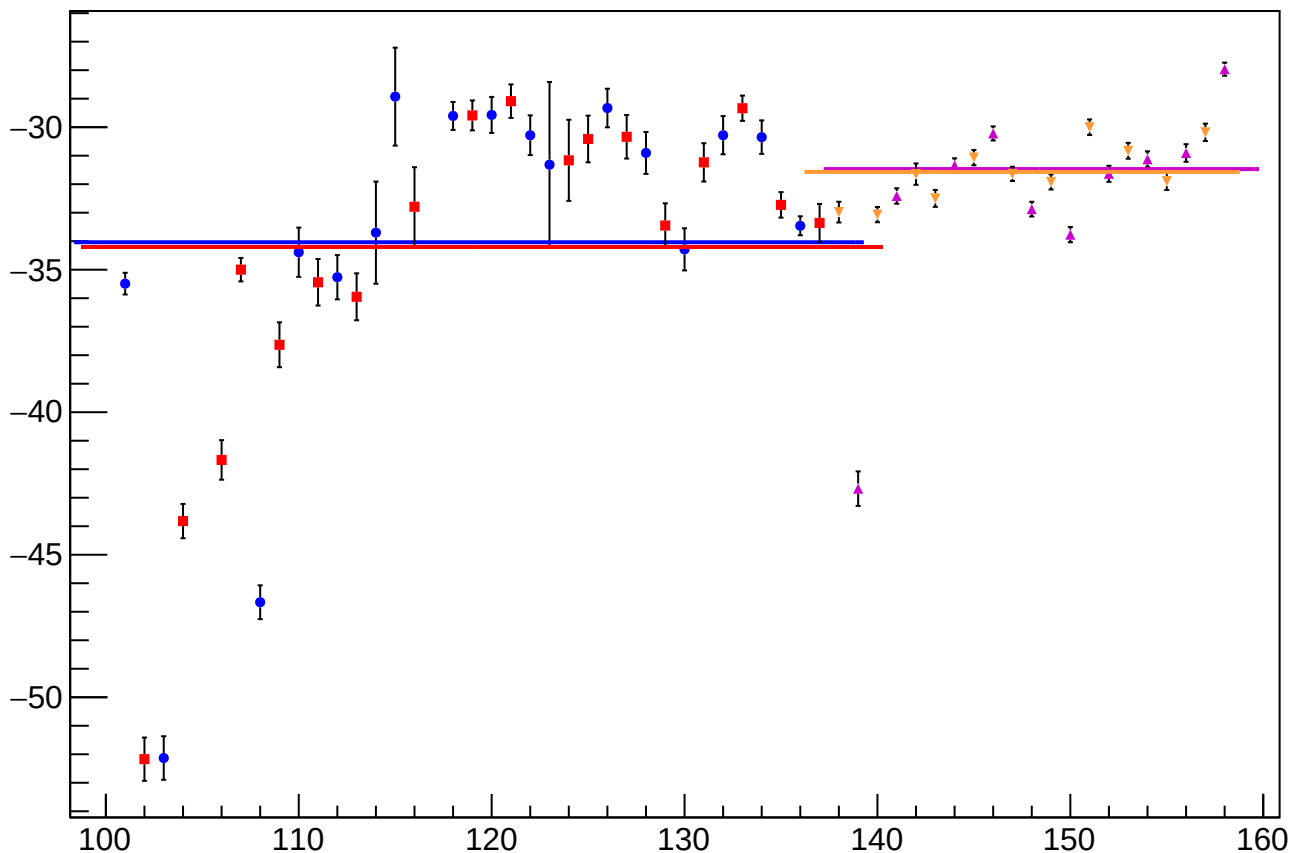
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -13.615+/-0.123 χ^2/NDF :409.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -12.459+/-0.121 χ^2/NDF :884.3/9

Left: -13.029+/-0.086 χ^2/NDF : 1338.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -12.459+/-0.121 χ^2/NDF :884.3/9
 Out: -13.615+/-0.123 χ^2/NDF :409.1/10

All: -13.029+/-0.086 χ^2/NDF : 1338.3/20

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.038 ± 0.151 χ^2/NDF : 1342.9/16

Left Out: -31.568 ± 0.087 χ^2/NDF : 123.1/10

Right Out: -34.205 ± 0.151 χ^2/NDF : 1320.7/17

Left In: -31.470 ± 0.087 χ^2/NDF : 721.8/9

Left: -31.519 ± 0.062 χ^2/NDF : 845.5/20

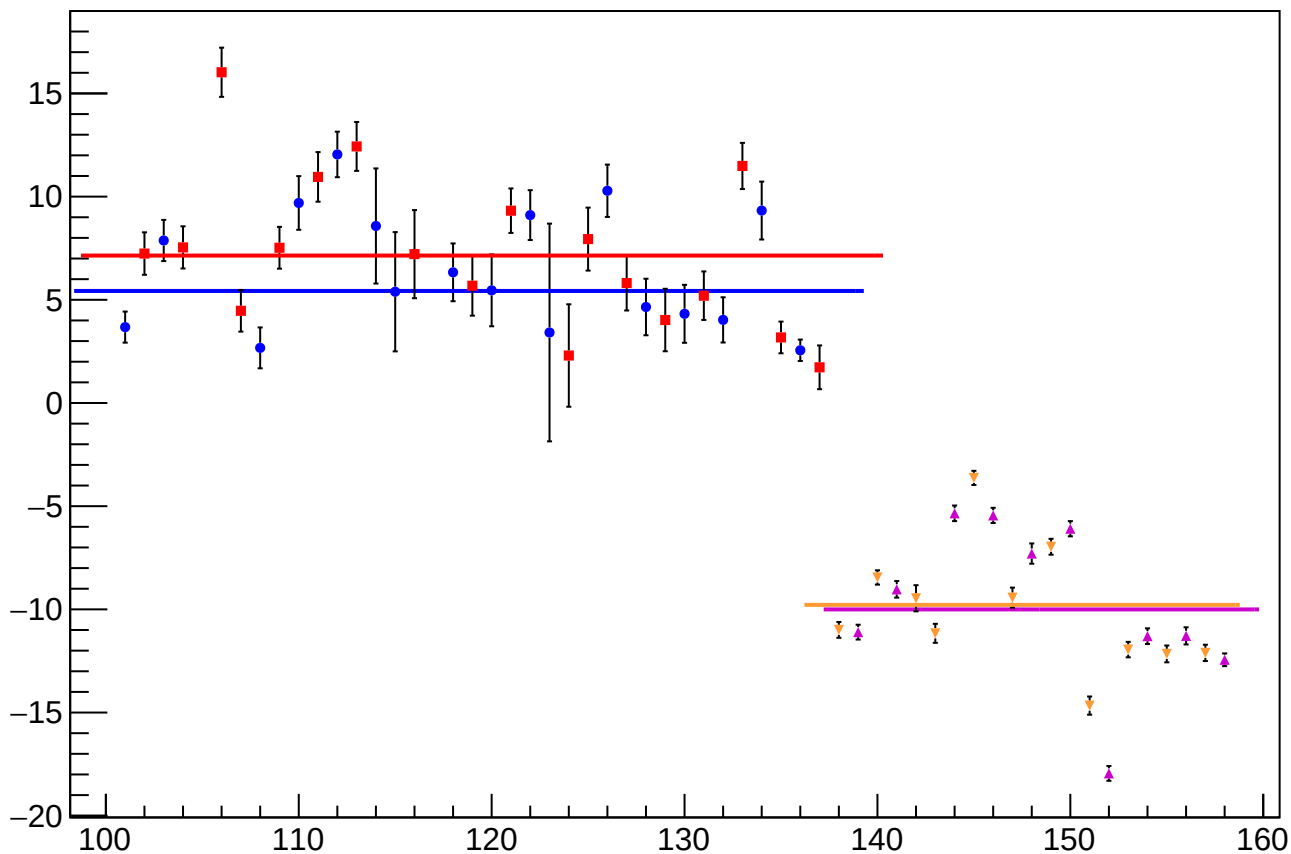
Right: -34.121 ± 0.107 χ^2/NDF : 2664.3/34

In: -32.110 ± 0.075 χ^2/NDF : 2282.3/26

Out: -32.229 ± 0.076 χ^2/NDF : 1672.8/28

All: -32.169 ± 0.053 χ^2/NDF : 3956.3/55

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.429 ± 0.270 χ^2/NDF : 132.6/16

Left Out: -9.782 ± 0.123 χ^2/NDF : 634.4/10

Right Out: 7.144 ± 0.275 χ^2/NDF : 177.9/17

Left In: -10.003 ± 0.119 χ^2/NDF : 1036.6/9

Left: -9.896 ± 0.085 χ^2/NDF : 1672.7/20

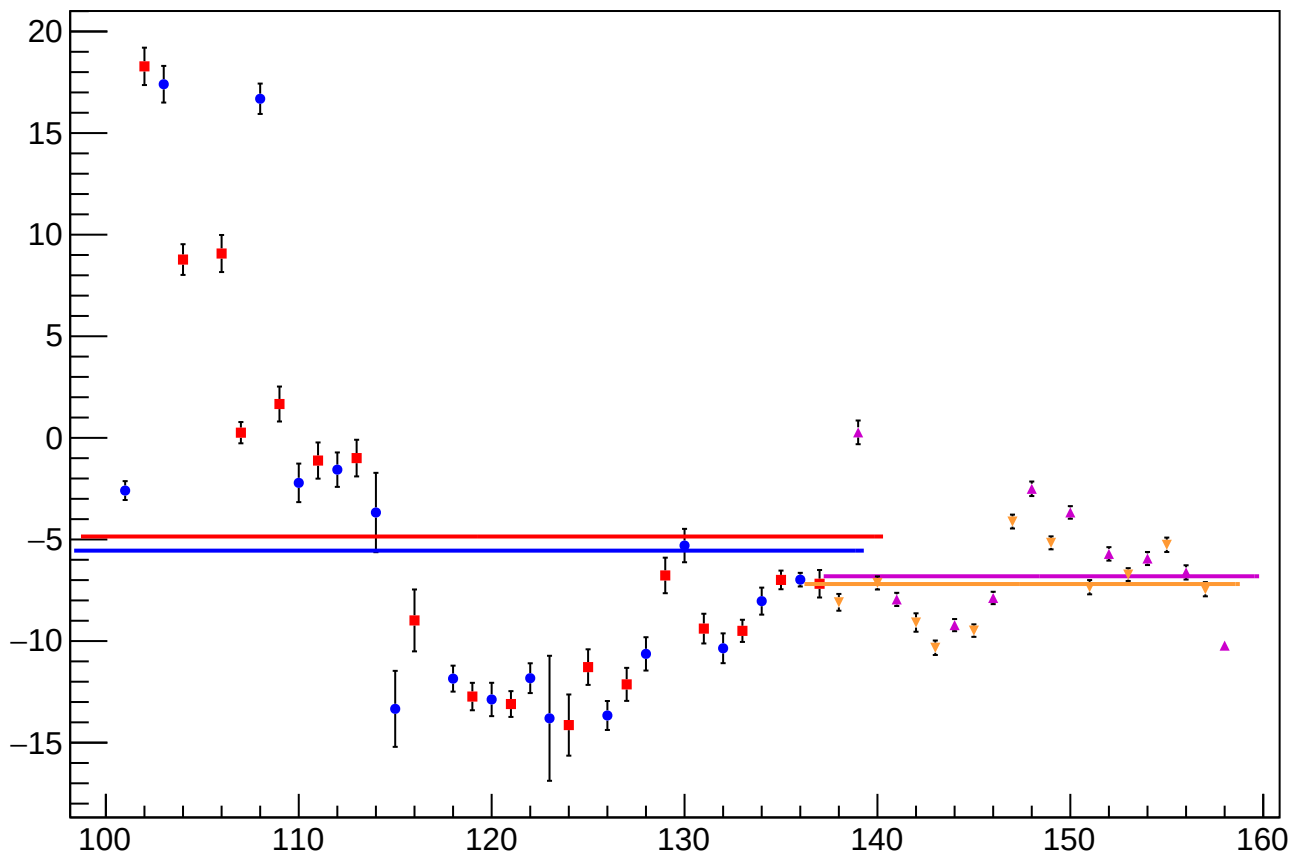
Right: 6.271 ± 0.193 χ^2/NDF : 330.3/34

In: -7.498 ± 0.109 χ^2/NDF : 3907.9/26

Out: -6.973 ± 0.112 χ^2/NDF : 3973.5/28

All: -7.243 ± 0.078 χ^2/NDF : 7892.7/55

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: -7.193 ± 0.105 χ^2/NDF : 308.2/10

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: -6.997 ± 0.073 χ^2/NDF : 1015.8/20

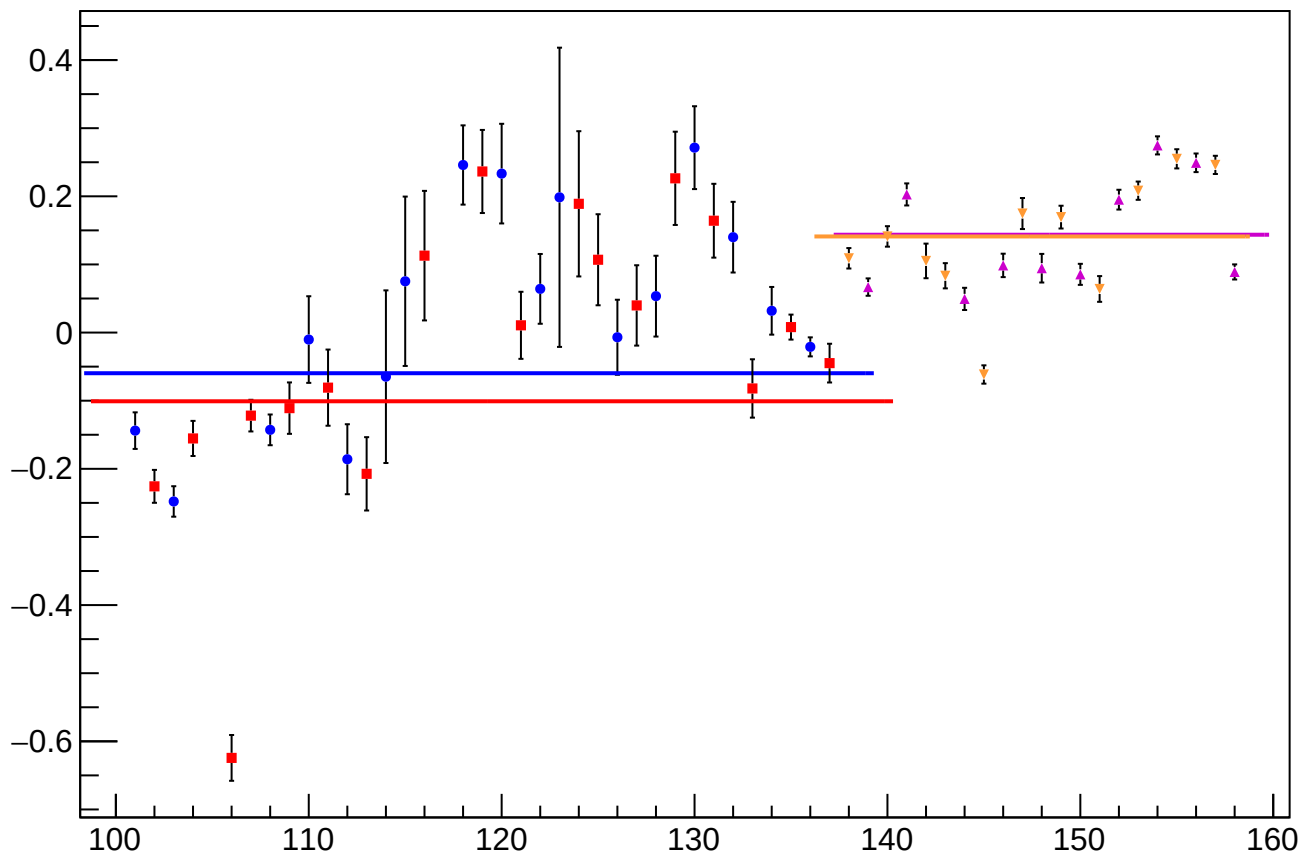
Right: -5.208 ± 0.121 χ^2/NDF : 4147.9/34

In: -6.478 ± 0.087 χ^2/NDF : 2867.9/26

Out: -6.566 ± 0.090 χ^2/NDF : 2455.3/28

All: -6.521 ± 0.063 χ^2/NDF : 5323.6/55

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 ± 0.005 χ^2/NDF : 417.4/10

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 : 721.3/20

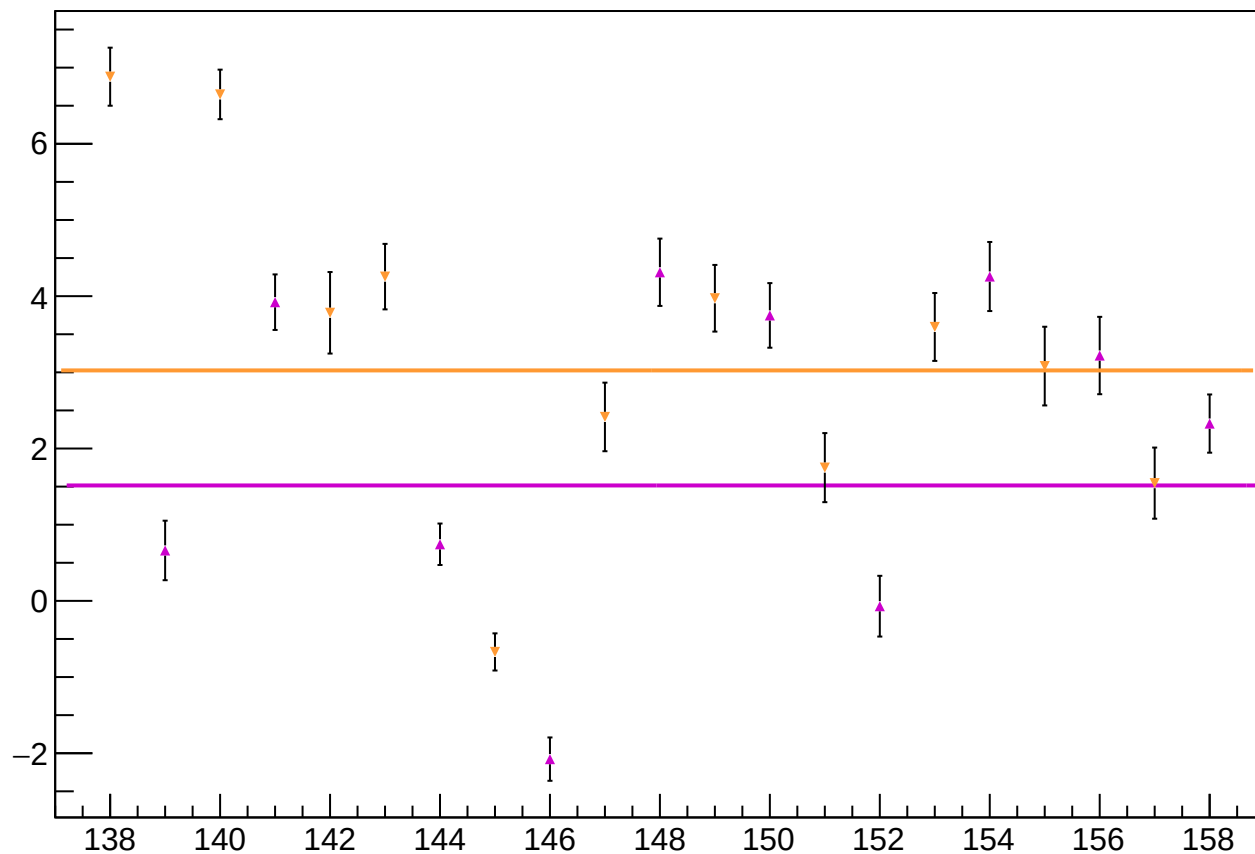
Right: -0.080 ± 0.006 χ^2/NDF : 656.9/34

In: 0.097 ± 0.004 χ^2/NDF : 971.7/26

Out: 0.082 ± 0.004 χ^2/NDF : 1466.3/28

All: 0.090 ± 0.003 χ^2/NDF : 2444.6/55

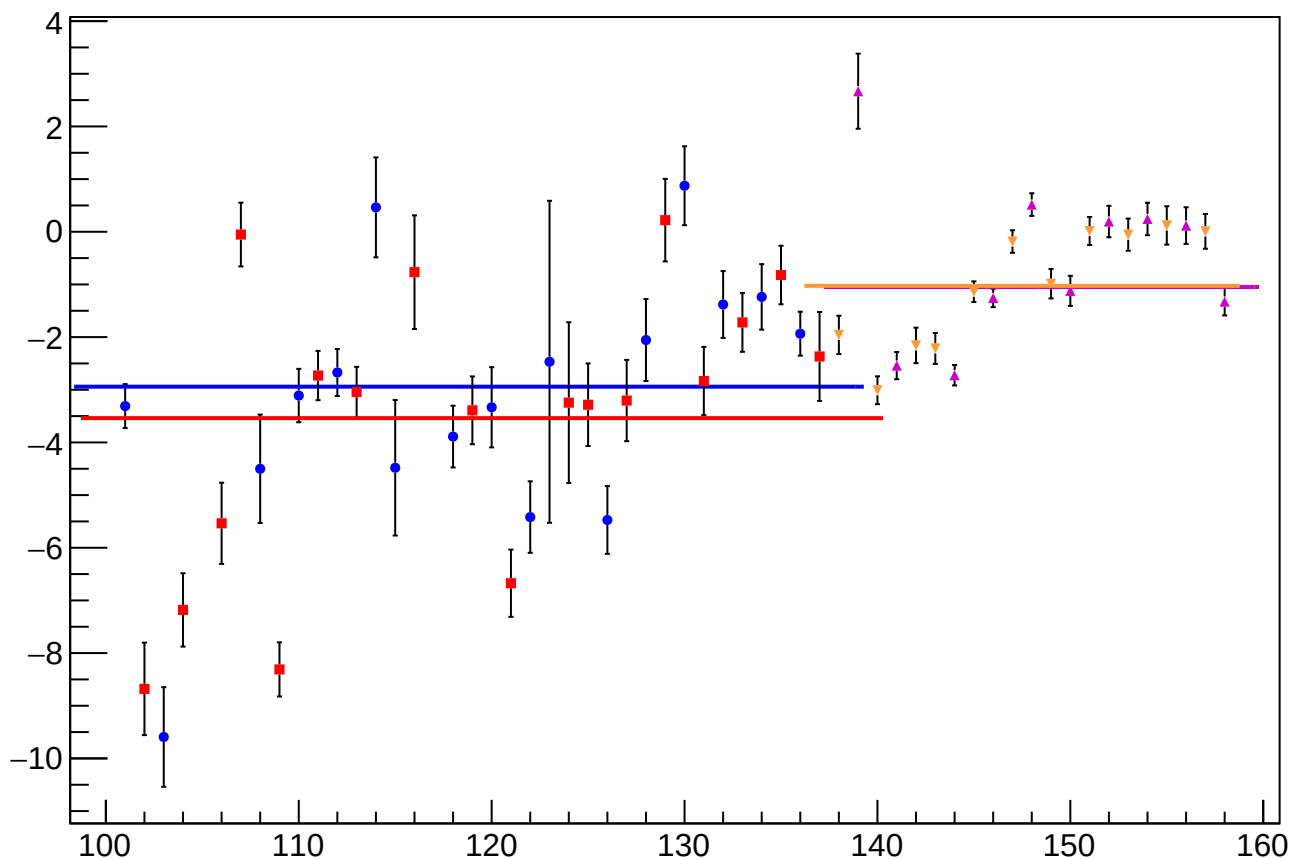
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 1.515+/-0.117 χ^2/NDF :351.8/9

Left: 2.259+/-0.084 χ^2/NDF : 925.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 1.515+/-0.117 χ^2/NDF :351.8/9
 Out: 3.025+/-0.119 χ^2/NDF :492.4/10
 All: 2.259+/-0.084 χ^2/NDF : 925.7/20

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.941 ± 0.154 $\chi^2/\text{NDF}: 145.6/16$

Left Out: -1.026 ± 0.083 $\chi^2/\text{NDF}: 151.5/10$

Right Out: -3.538 ± 0.155 $\chi^2/\text{NDF}: 283.6/17$

Left In: -1.049 ± 0.080 $\chi^2/\text{NDF}: 236.3/9$

Left: -1.038 ± 0.058 $\chi^2/\text{NDF}: 387.9/20$

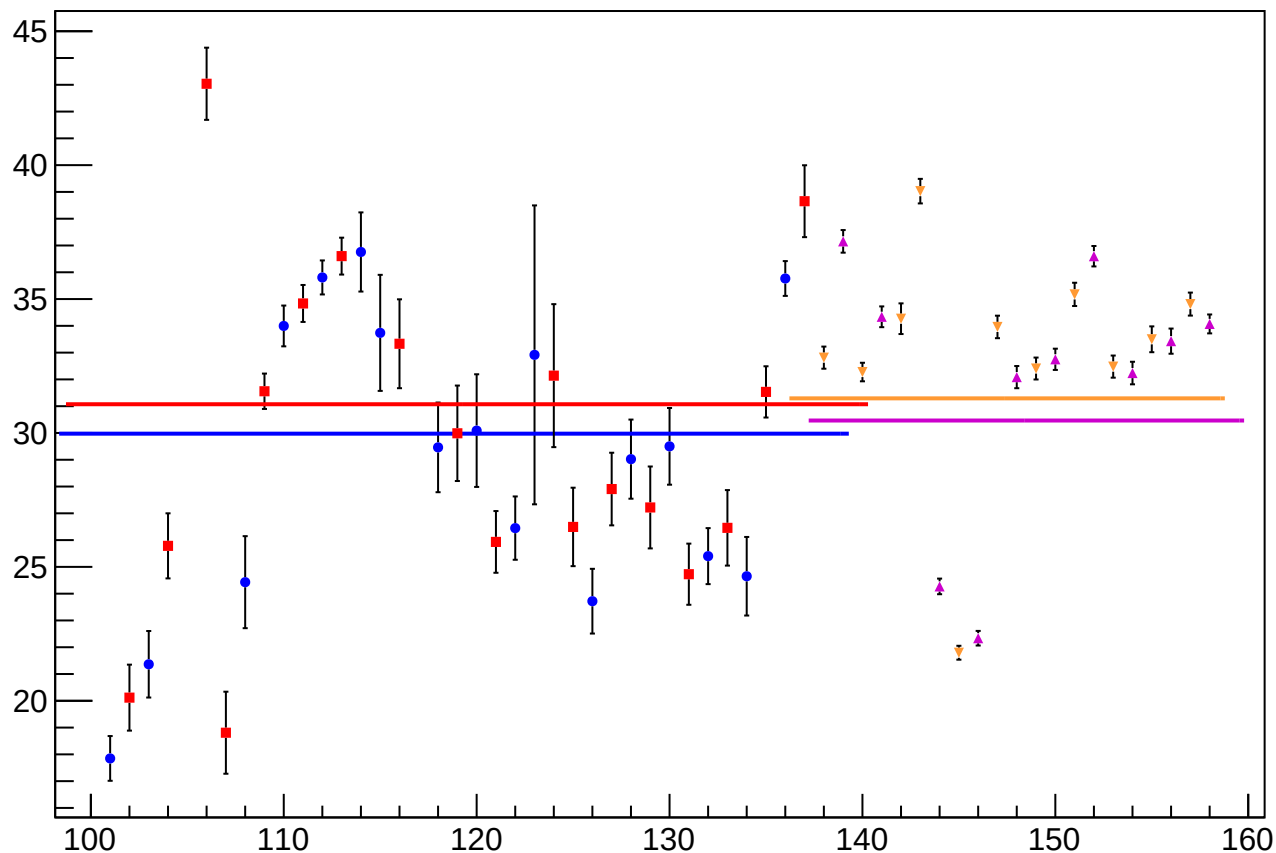
Right: -3.239 ± 0.109 $\chi^2/\text{NDF}: 436.6/34$

In: -1.453 ± 0.071 $\chi^2/\text{NDF}: 500.3/26$

Out: -1.590 ± 0.073 $\chi^2/\text{NDF}: 639.7/28$

All: -1.520 ± 0.051 $\chi^2/\text{NDF}: 1141.8/55$

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: 31.292 $\pm$ 0.120 χ^2 /NDF:1895.0/10

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: 30.863 $\pm$ 0.083 χ^2 /NDF: 4076.8/20

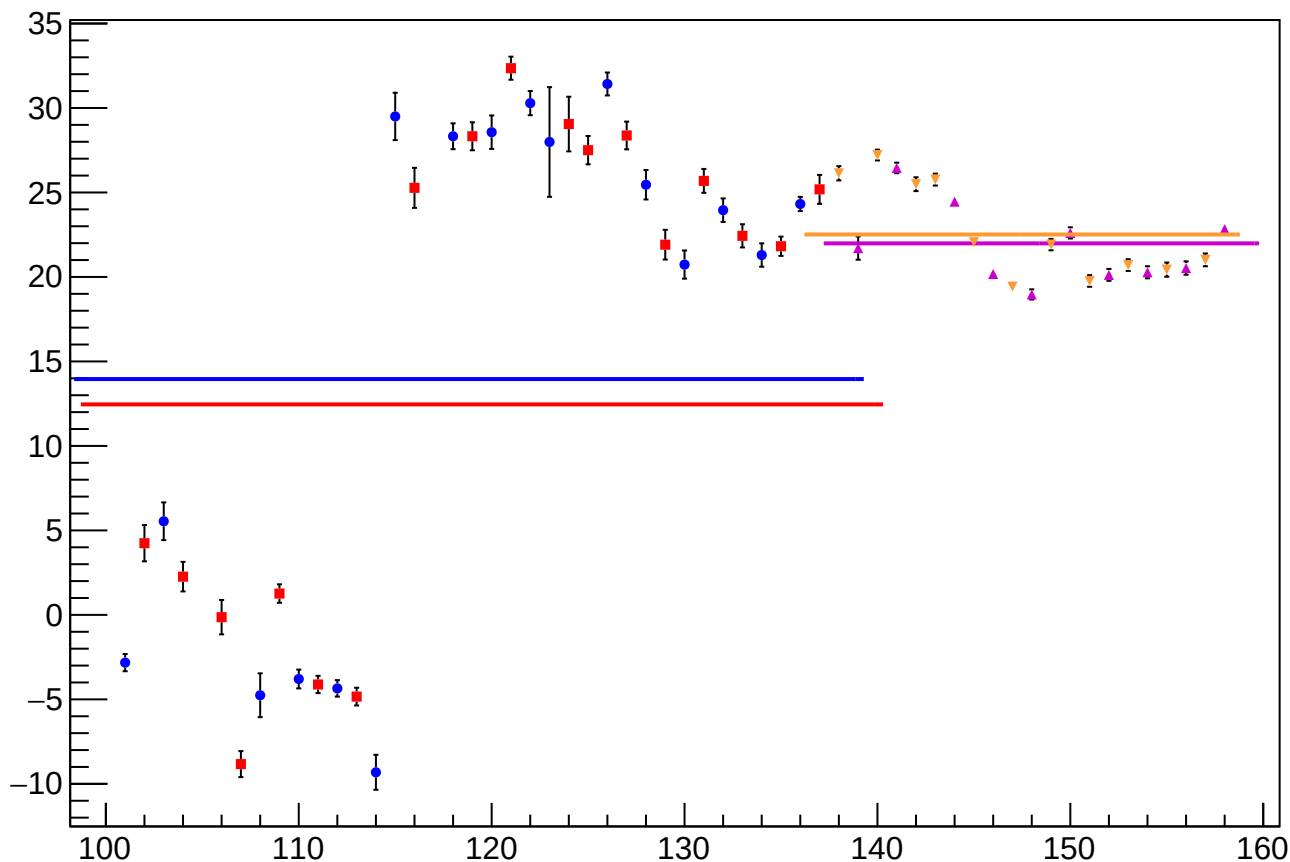
Right: 30.537 $\pm$ 0.187 χ^2 /NDF: 1016.0/34

In: 30.387 $\pm$ 0.106 χ^2 /NDF:2713.9/26

Out: 31.254 $\pm$ 0.109 χ^2 /NDF:2348.9/28

All: 30.809 $\pm$ 0.076 χ^2 /NDF: 5095.3/55

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: 22.514 $\pm$ 0.101 χ^2 /NDF: 675.9/10

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: 22.239 $\pm$ 0.070 χ^2 /NDF: 1256.0/20

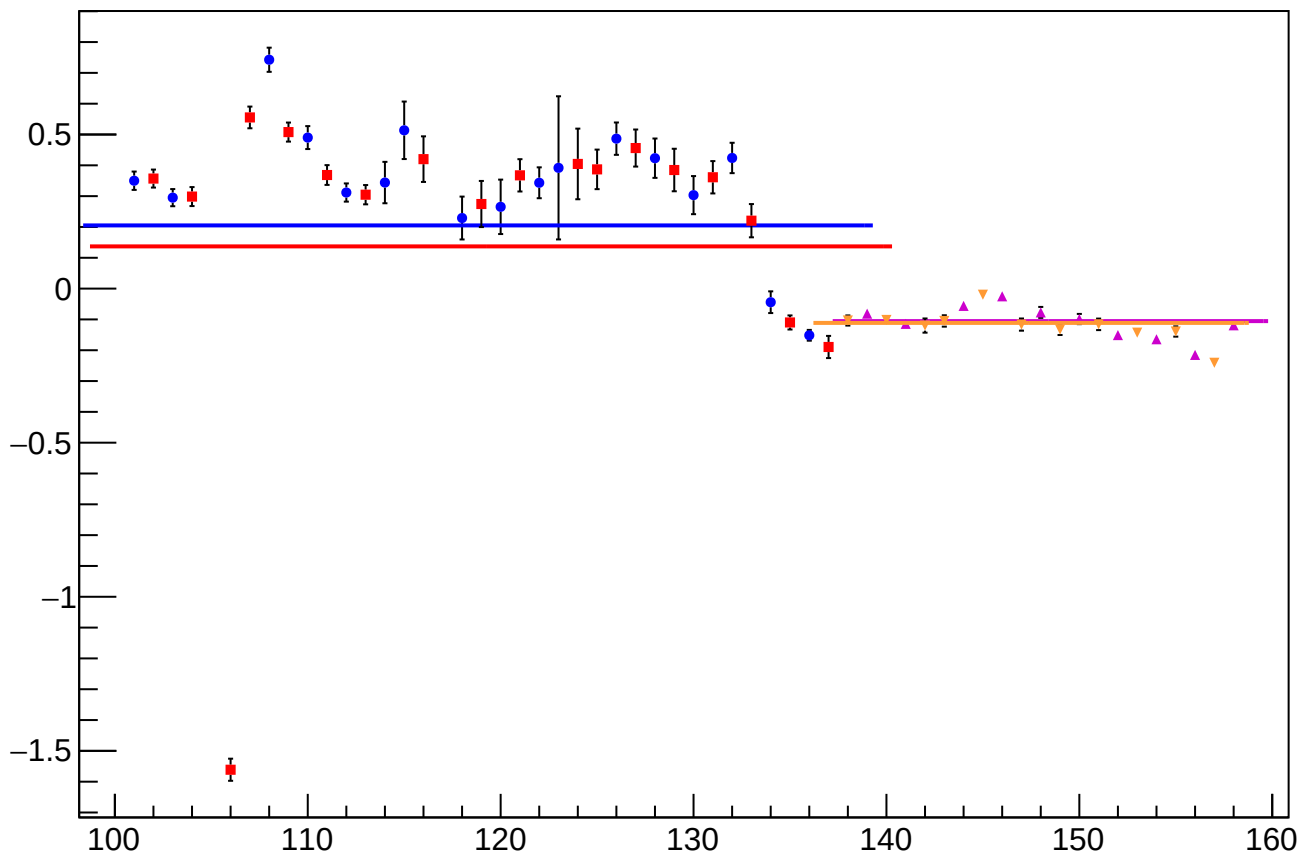
Right: 13.213 $\pm$ 0.122 χ^2 /NDF: 14366.2/34

In: 20.070 $\pm$ 0.084 χ^2 /NDF: 9567.9/26

Out: 19.982 $\pm$ 0.087 χ^2 /NDF: 10163.0/28

All: 20.028 $\pm$ 0.061 χ^2 /NDF: 19731.4/55

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 ± 0.009 χ^2/NDF : 846.7/16

Left Out: -0.111 ± 0.005 χ^2/NDF : 170.4/10

Right Out: 0.137 ± 0.009 χ^2/NDF : 3007.9/17

Left In: -0.106 ± 0.005 χ^2/NDF : 137.1/9

Left: -0.108 ± 0.003 χ^2/NDF : 308.2/20

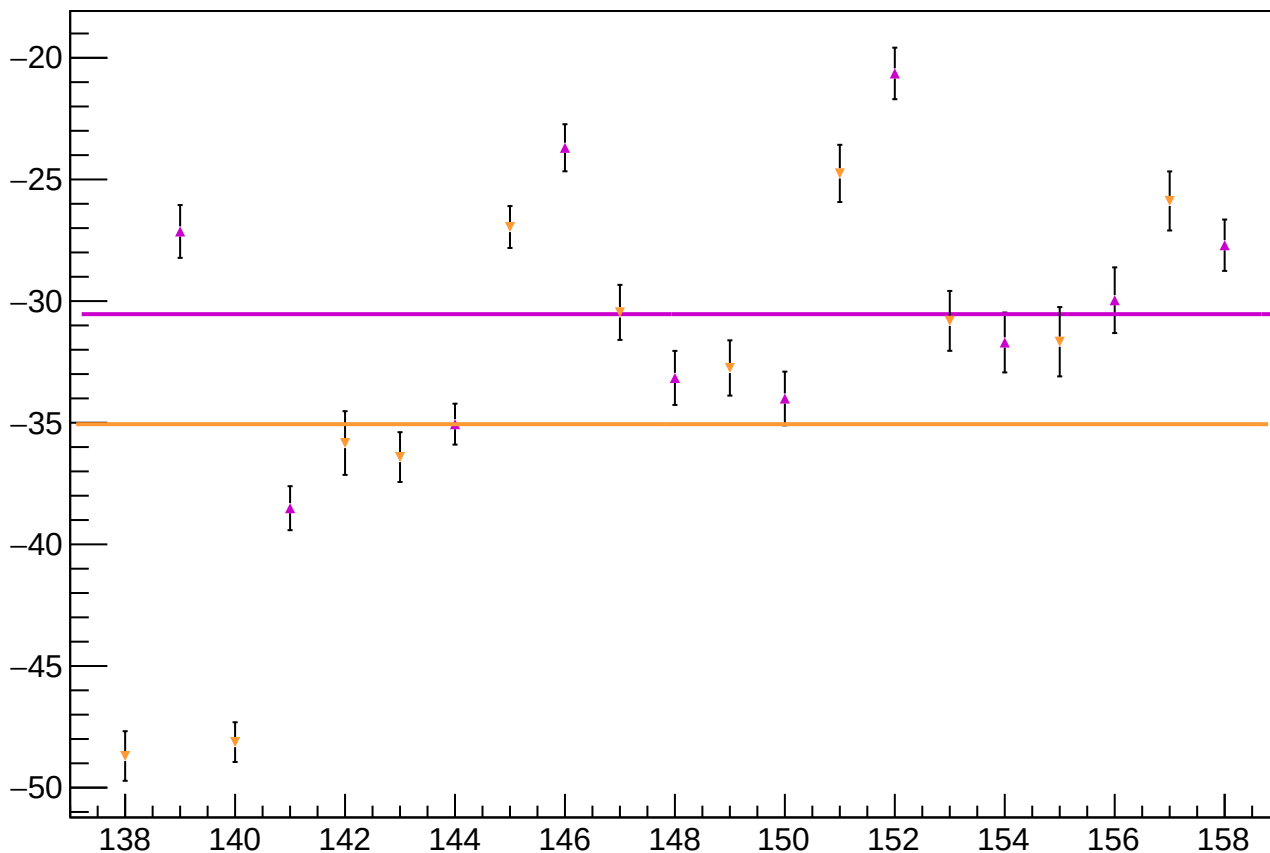
Right: 0.170 ± 0.007 χ^2/NDF : 3881.4/34

In: -0.045 ± 0.004 χ^2/NDF : 1867.7/26

Out: -0.059 ± 0.004 χ^2/NDF : 3751.0/28

All: -0.052 ± 0.003 χ^2/NDF : 5624.3/55

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: -35.061 ± 0.325 χ^2/NDF : 698.1/10

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: -32.832 ± 0.232 χ^2/NDF : 1071.0/20

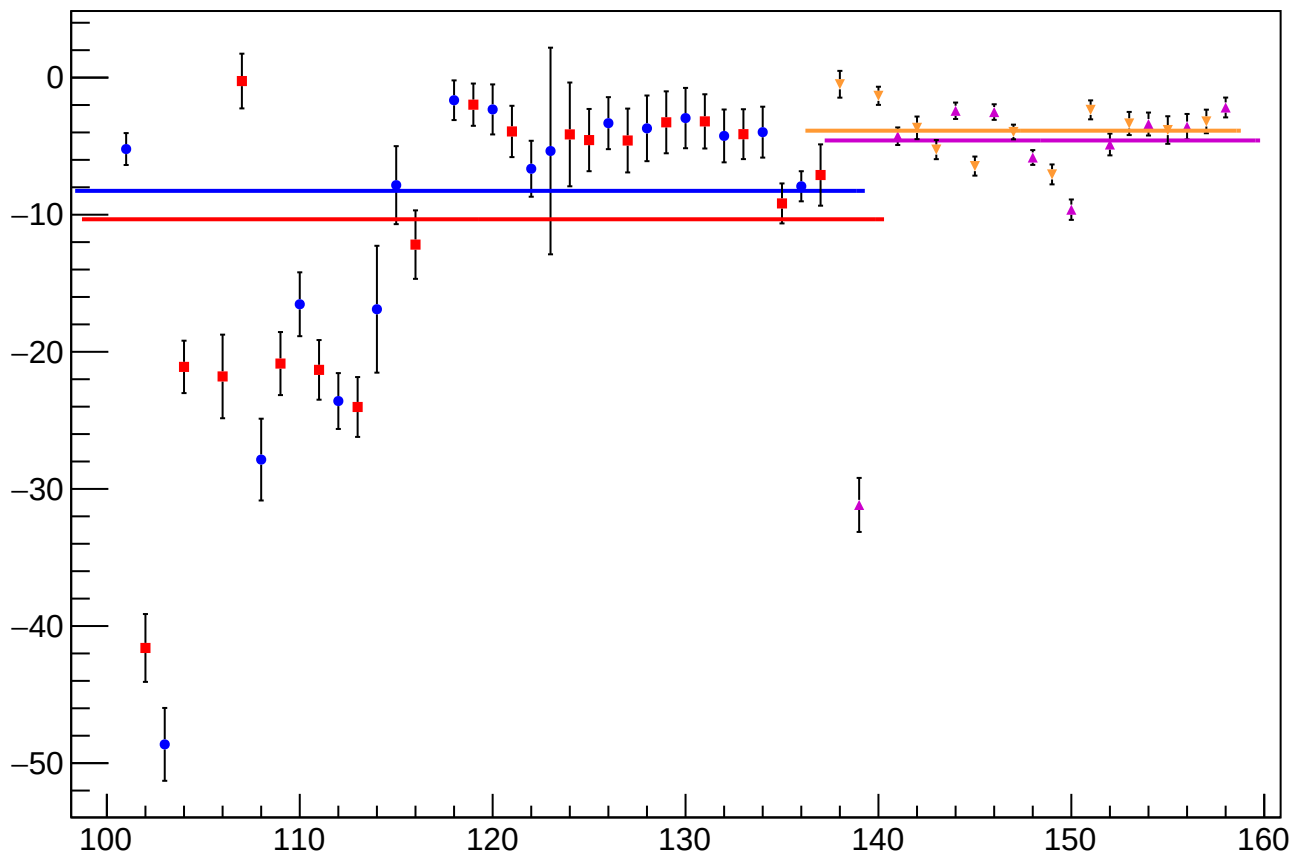
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -30.537 ± 0.330 χ^2/NDF : 277.5/9

Out: -35.061 ± 0.325 χ^2/NDF : 698.1/10

All: -32.832 ± 0.232 χ^2/NDF : 1071.0/20

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.261 ± 0.463 $\chi^2/\text{NDF}: 411.9/16$

Left Out: -3.872 ± 0.223 $\chi^2/\text{NDF}: 69.6/10$

Right Out: -10.334 ± 0.491 $\chi^2/\text{NDF}: 410.9/17$

Left In: -4.586 ± 0.224 $\chi^2/\text{NDF}: 274.4/9$

Left: -4.227 ± 0.158 $\chi^2/\text{NDF}: 349.2/20$

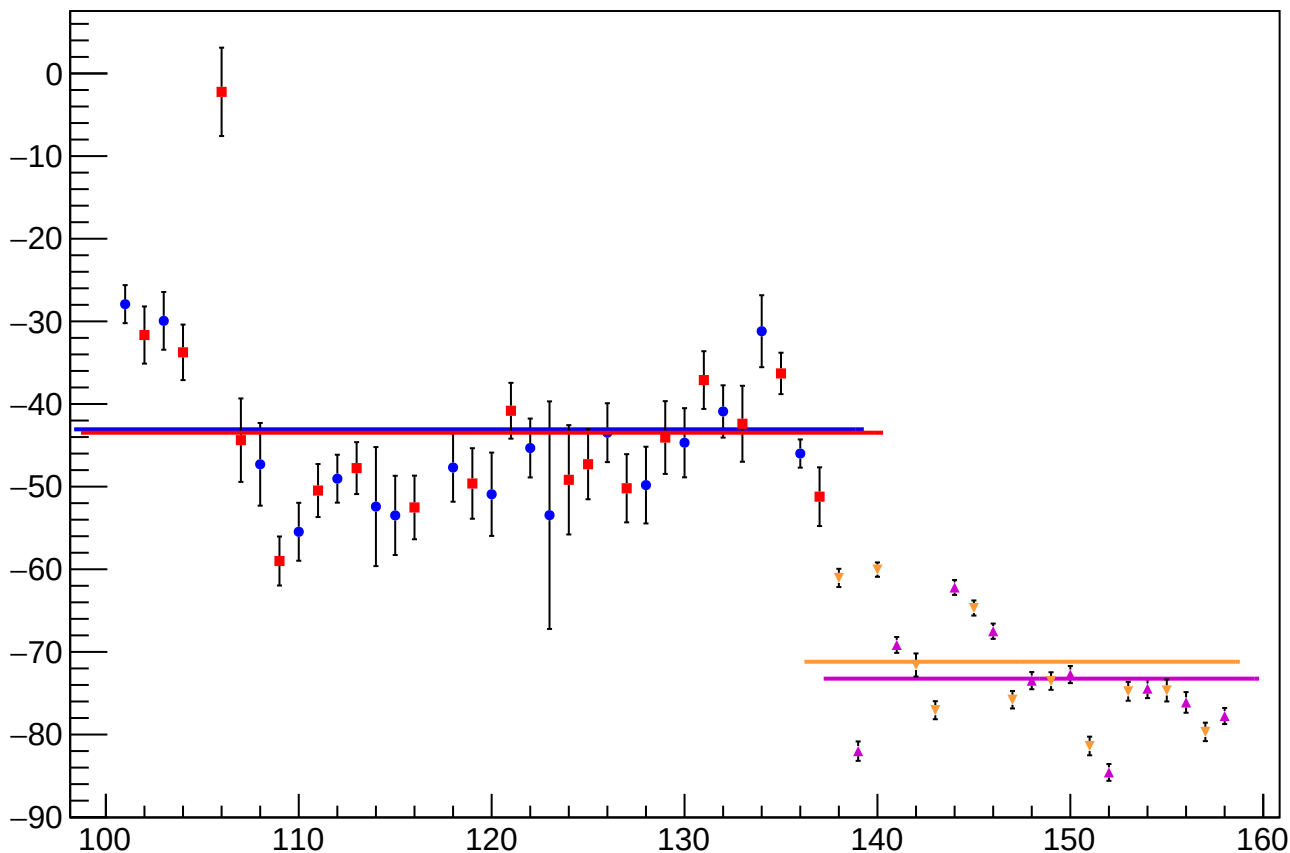
Right: -9.235 ± 0.337 $\chi^2/\text{NDF}: 832.3/34$

In: -5.284 ± 0.202 $\chi^2/\text{NDF}: 737.5/26$

Out: -4.976 ± 0.203 $\chi^2/\text{NDF}: 624.1/28$

All: -5.131 ± 0.143 $\chi^2/\text{NDF}: 1362.7/55$

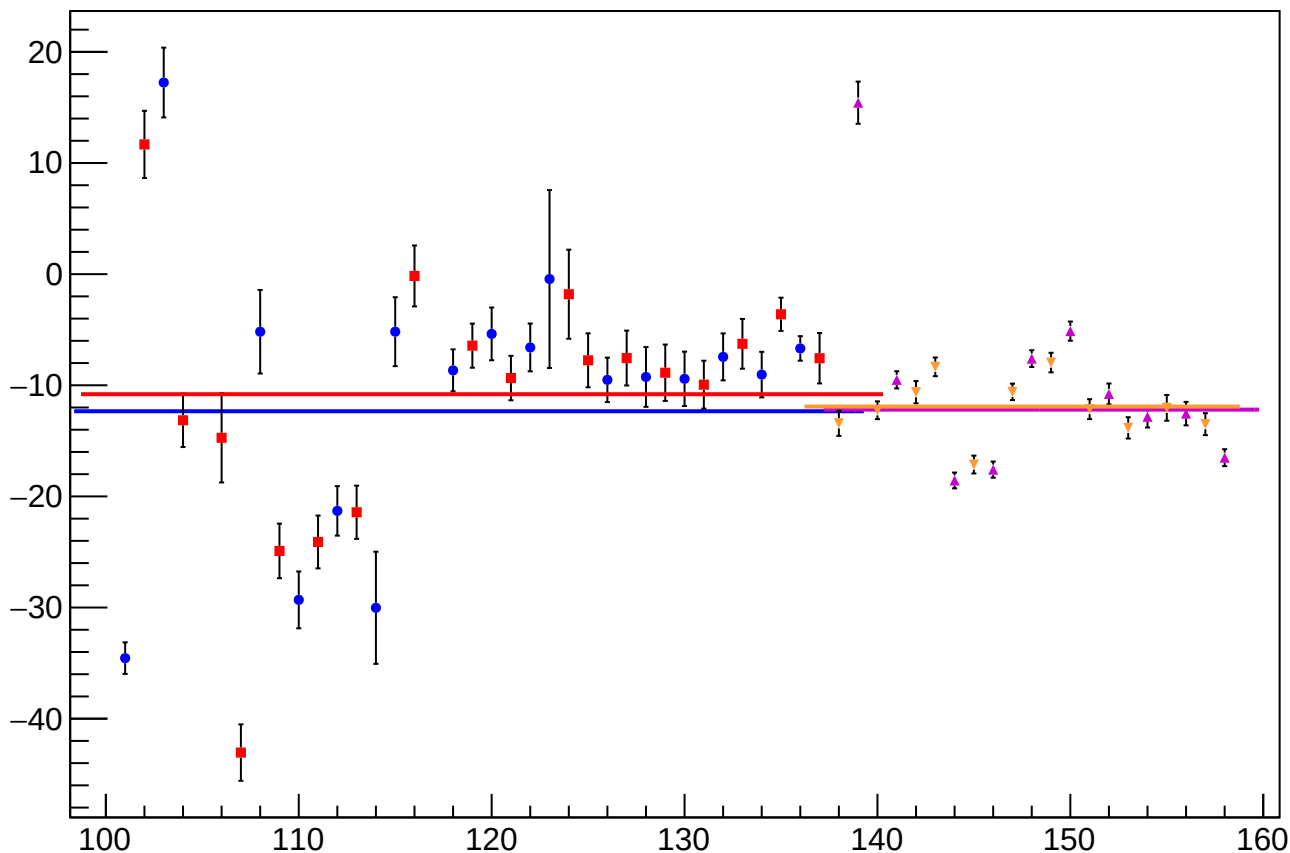
reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -43.064 ± 0.835 $\chi^2/\text{NDF}: 99.0/16$
 Left Out: -71.191 ± 0.326 $\chi^2/\text{NDF}: 508.3/10$
 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: -72.219 ± 0.230 $\chi^2/\text{NDF}: 944.1/20$
 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: -67.763 ± 0.306 $\chi^2/\text{NDF}: 1542.7/28$
 All: -68.530 ± 0.215 $\chi^2/\text{NDF}: 3203.9/55$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.336 ± 0.520 $\chi^2/\text{NDF}: 475.2/16$

Left Out: -11.916 ± 0.272 $\chi^2/\text{NDF}: 94.1/10$

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: -12.054 ± 0.192 $\chi^2/\text{NDF}: 592.7/20$

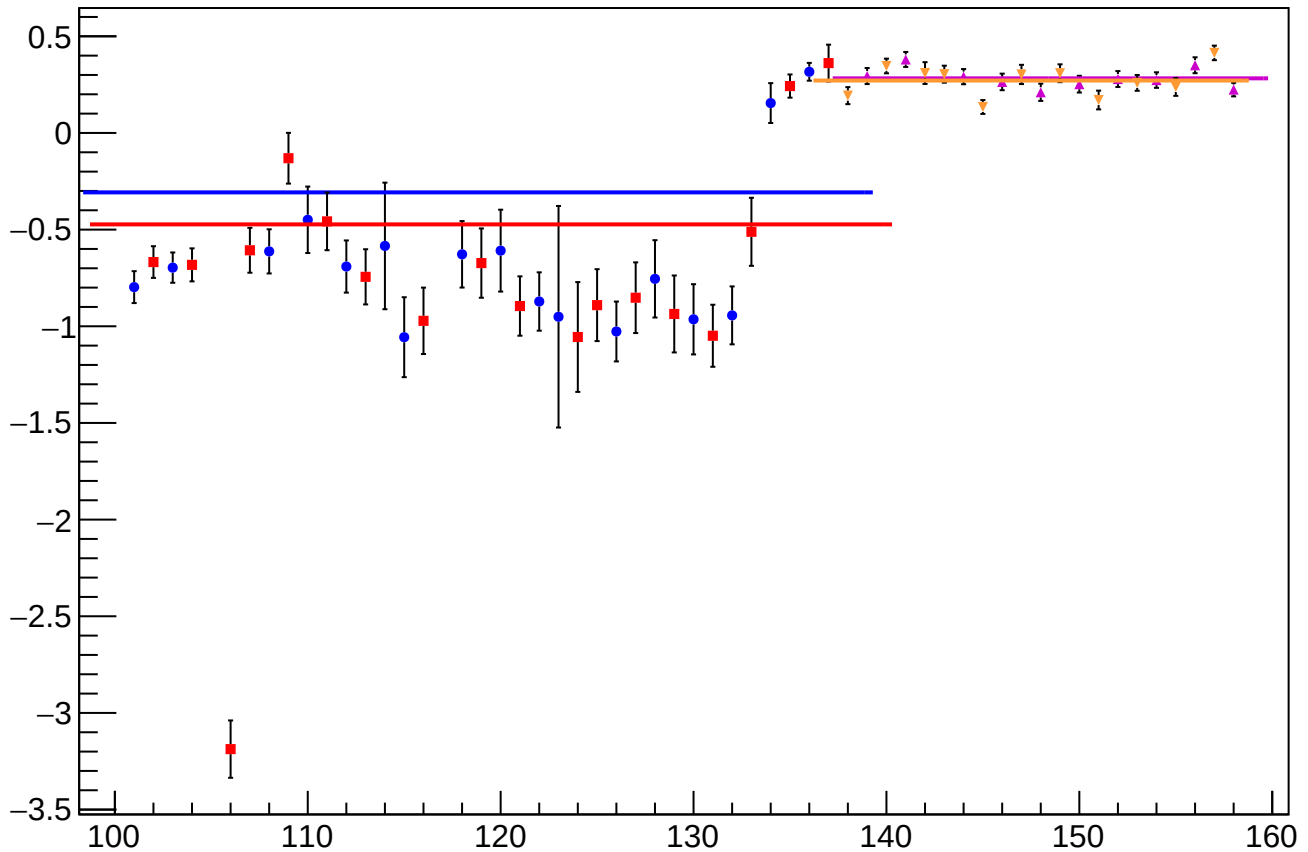
Right: -11.618 ± 0.379 $\chi^2/\text{NDF}: 840.6/34$

In: -12.221 ± 0.240 $\chi^2/\text{NDF}: 973.4/26$

Out: -11.700 ± 0.244 $\chi^2/\text{NDF}: 458.7/28$

All: -11.965 ± 0.171 $\chi^2/\text{NDF}: 1434.4/55$

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: 0.271 ± 0.013 χ^2/NDF : 43.0/10

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: 0.277 ± 0.009 χ^2/NDF : 58.7/20

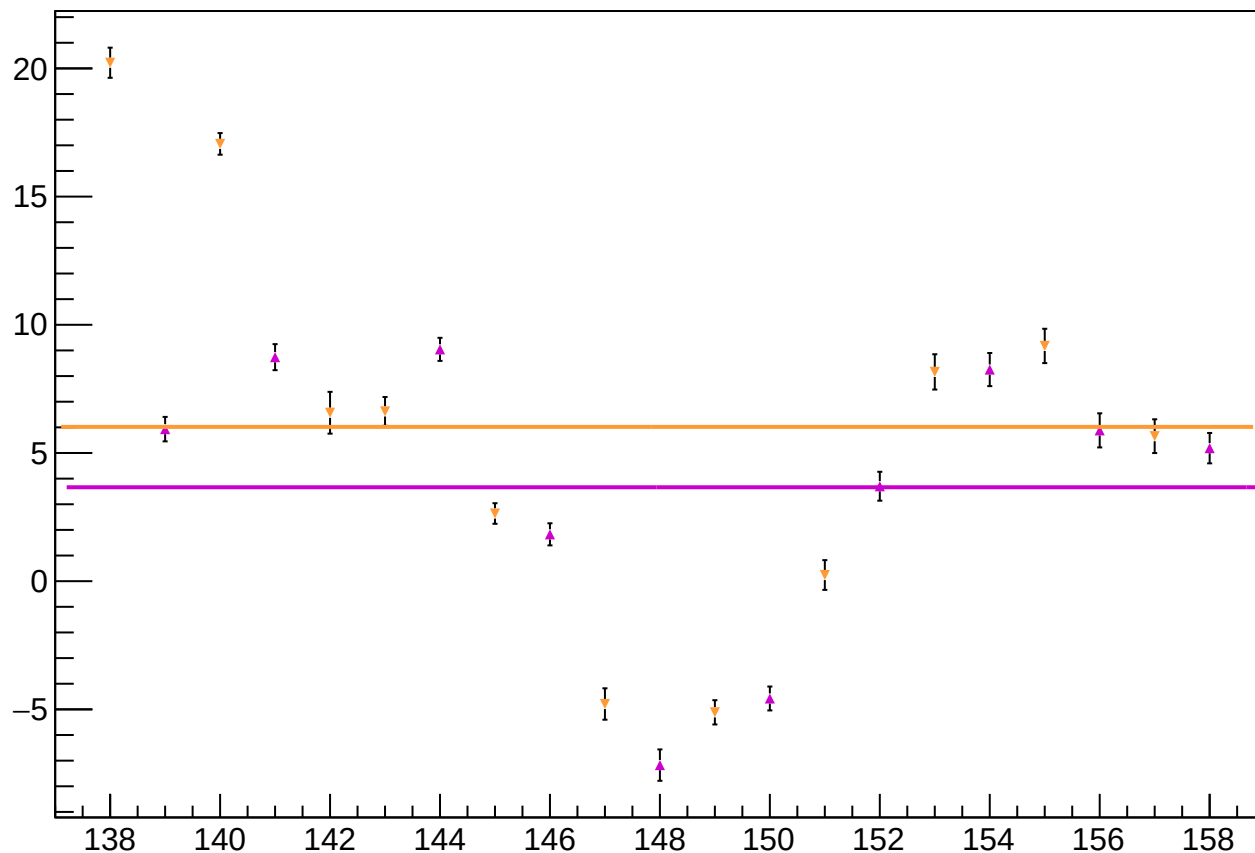
Right: -0.387 ± 0.020 χ^2/NDF : 1016.1/34

In: 0.177 ± 0.012 χ^2/NDF : 764.7/26

Out: 0.144 ± 0.012 χ^2/NDF : 1229.7/28

All: 0.161 ± 0.008 χ^2/NDF : 1998.5/55

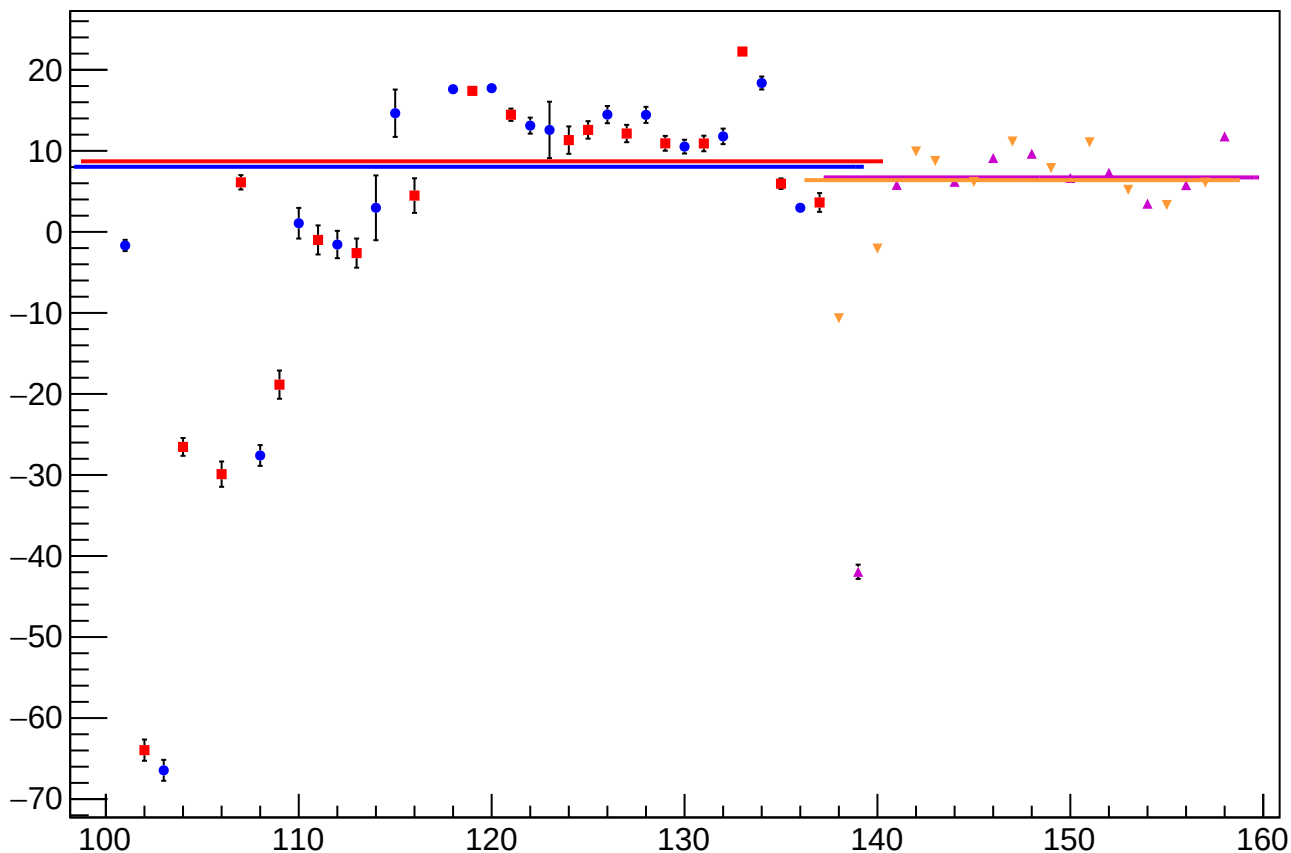
reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.018+/-0.166 χ^2/NDF :2335.6/10
 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: 4.834+/-0.117 χ^2/NDF : 3414.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.663+/-0.165 χ^2/NDF :978.3/9
 Out: 6.018+/-0.166 χ^2/NDF :2335.6/10
 All: 4.834+/-0.117 χ^2/NDF : 3414.7/20

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.035 $\pm$ 0.215 χ^2 /NDF: 5370.3/16

Left Out: 6.386 $\pm$ 0.116 χ^2 /NDF:2004.7/10

Right Out: 8.708 $\pm$ 0.213 χ^2 /NDF: 6290.2/17

Left In: 6.724 $\pm$ 0.116 χ^2 /NDF:3453.9/9

Left: 6.554 $\pm$ 0.082 χ^2 /NDF: 5462.8/20

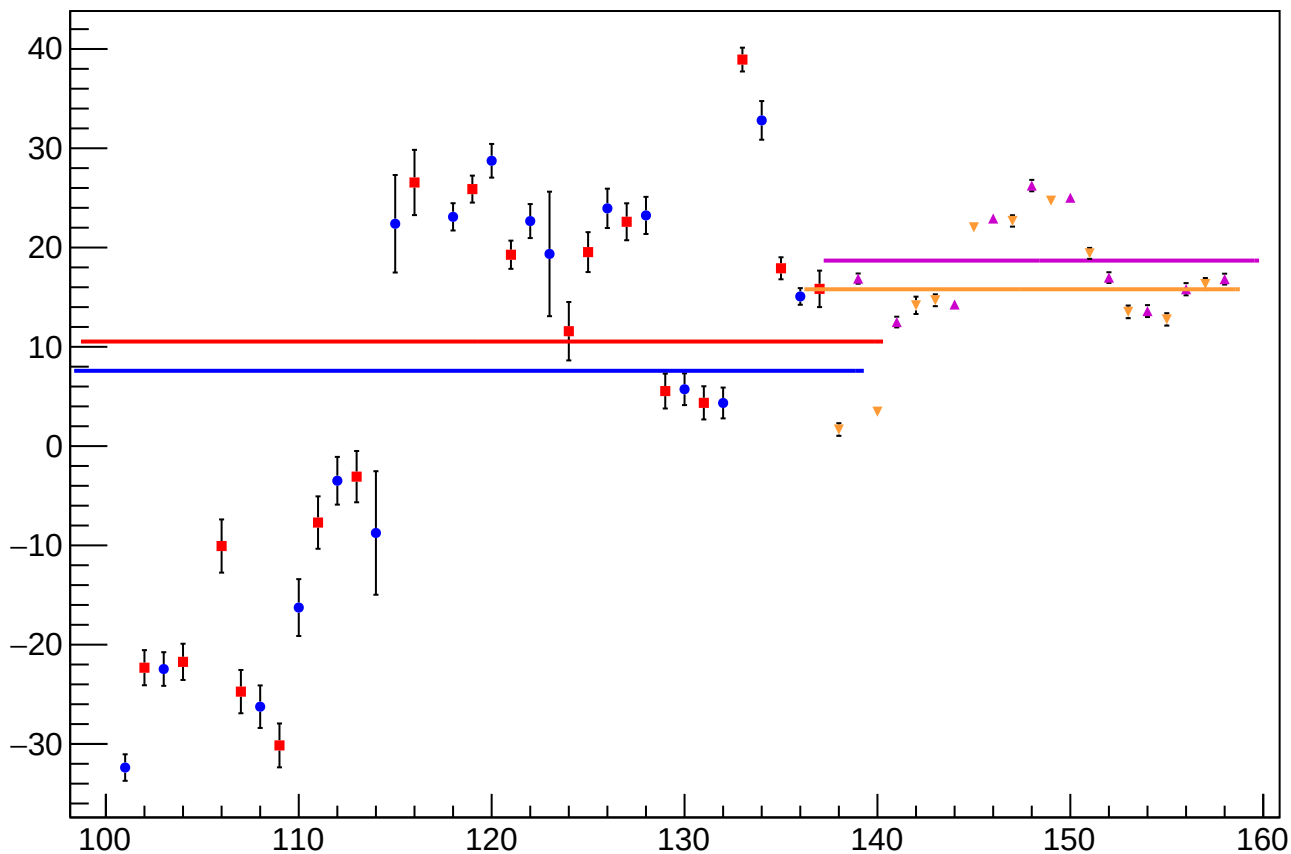
Right: 8.375 $\pm$ 0.151 χ^2 /NDF: 11665.4/34

In: 7.020 $\pm$ 0.102 χ^2 /NDF:8852.9/26

Out: 6.914 $\pm$ 0.102 χ^2 /NDF:8386.6/28

All: 6.966 $\pm$ 0.072 χ^2 /NDF: 17240.0/55

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.585 ± 0.416 $\chi^2/\text{NDF}: 2322.7/16$

Left Out: 15.798 ± 0.166 $\chi^2/\text{NDF}: 2095.7/10$

Right Out: 10.532 ± 0.418 $\chi^2/\text{NDF}: 2279.5/17$

Left In: 18.686 ± 0.163 $\chi^2/\text{NDF}: 832.8/9$

Left: 17.273 ± 0.116 $\chi^2/\text{NDF}: 3082.9/20$

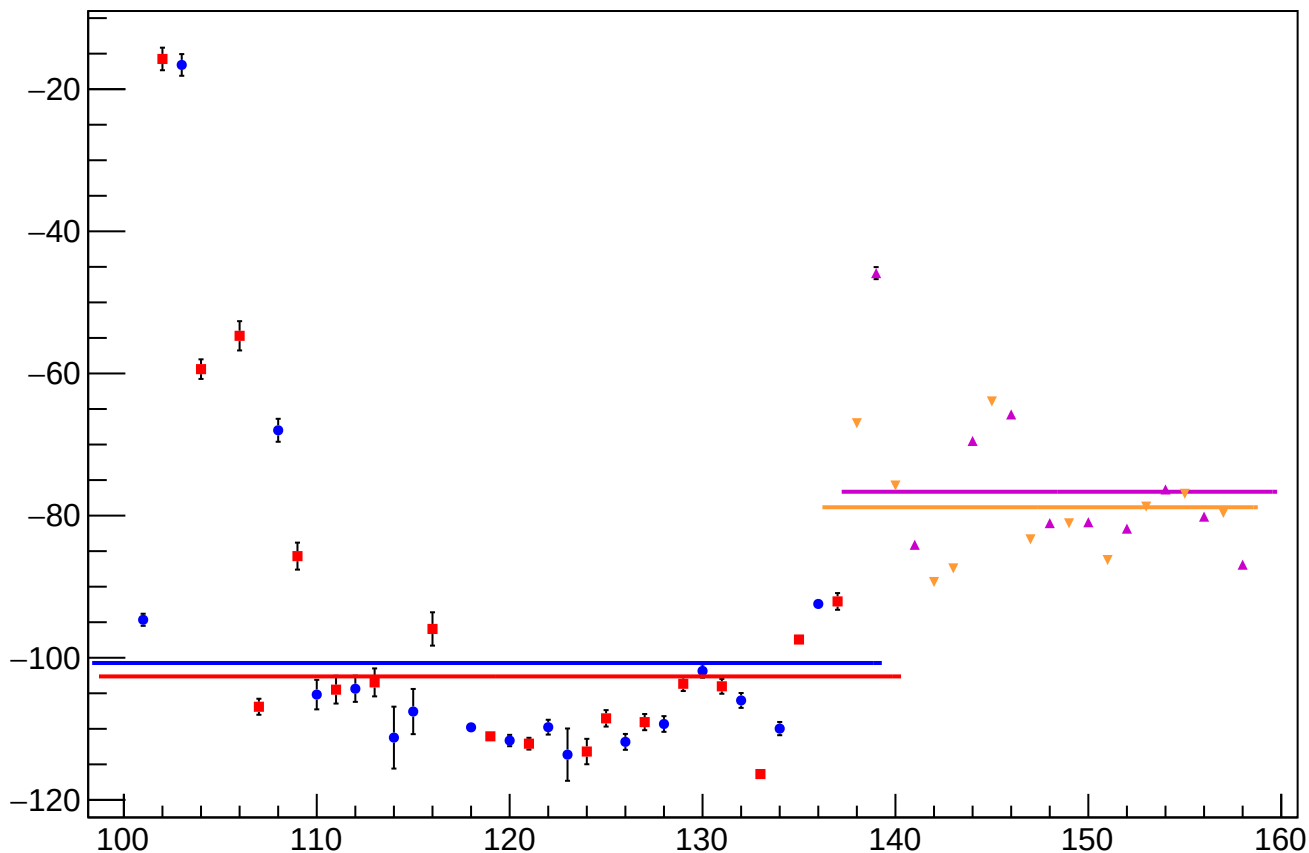
Right: 9.054 ± 0.295 $\chi^2/\text{NDF}: 4627.2/34$

In: 17.216 ± 0.151 $\chi^2/\text{NDF}: 3772.5/26$

Out: 15.078 ± 0.154 $\chi^2/\text{NDF}: 4512.5/28$

All: 16.168 ± 0.108 $\chi^2/\text{NDF}: 8382.8/55$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -100.736 ± 0.248 χ^2/NDF : 4520.6/16

Left Out: -78.825 ± 0.140 χ^2/NDF : 2988.2/10

Right Out: -102.625 ± 0.246 χ^2/NDF : 5716.3/17

Left In: -76.643 ± 0.139 χ^2/NDF : 3936.2/9

Left: -77.722 ± 0.098 χ^2/NDF : 7047.1/20

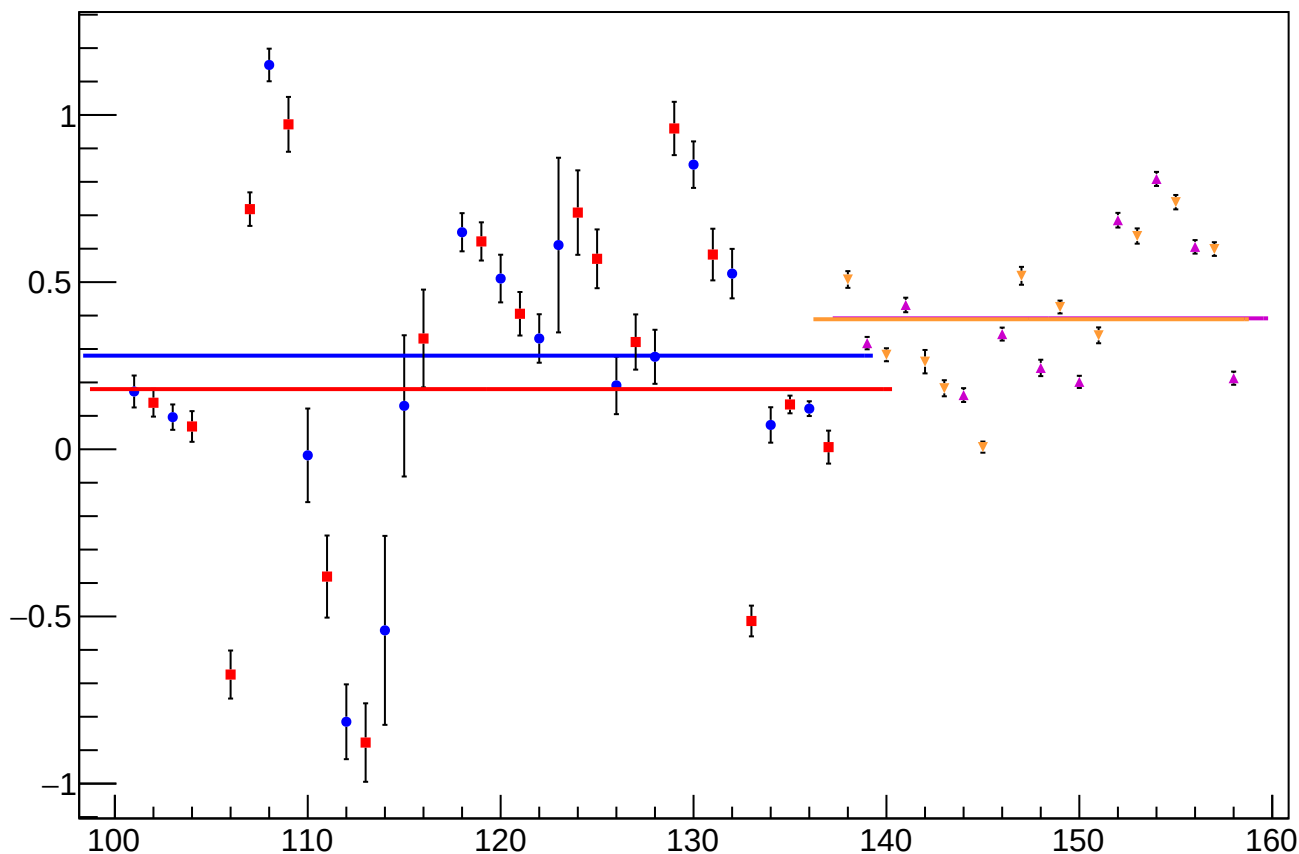
Right: -101.689 ± 0.175 χ^2/NDF : 10266.1/34

In: -82.362 ± 0.121 χ^2/NDF : 15636.6/26

Out: -84.645 ± 0.122 χ^2/NDF : 15769.8/28

All: -83.496 ± 0.086 χ^2/NDF : 31583.4/55

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: 0.389 ± 0.007 χ^2/NDF : 1185.6/10

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: 0.390 ± 0.005 χ^2/NDF : 2245.4/20

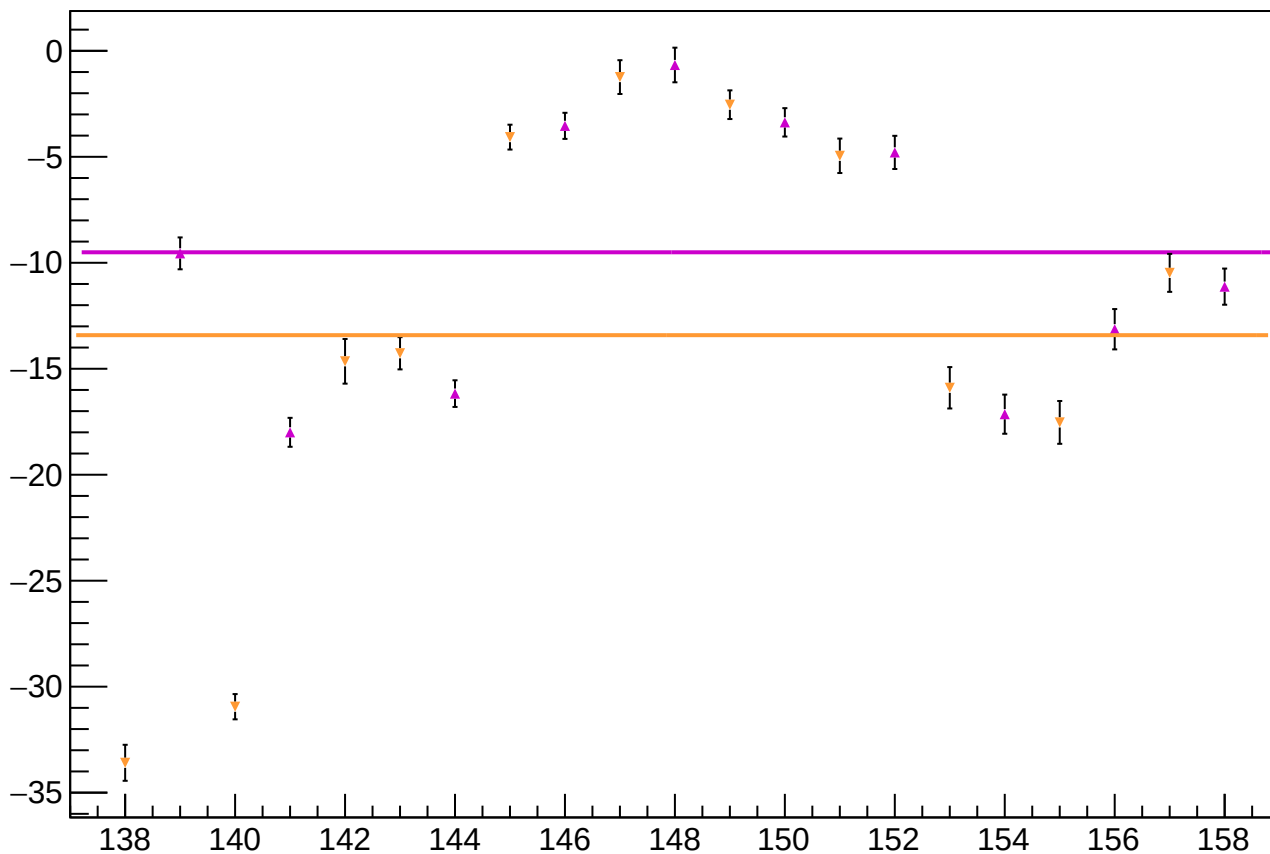
Right: 0.230 ± 0.010 χ^2/NDF : 1621.0/34

In: 0.371 ± 0.006 χ^2/NDF : 1771.8/26

Out: 0.348 ± 0.006 χ^2/NDF : 2316.1/28

All: 0.360 ± 0.004 χ^2/NDF : 4095.3/55

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: -13.416+/-0.234 χ^2/NDF :2319.4/10

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: -11.470+/-0.166 χ^2/NDF : 3143.1/20

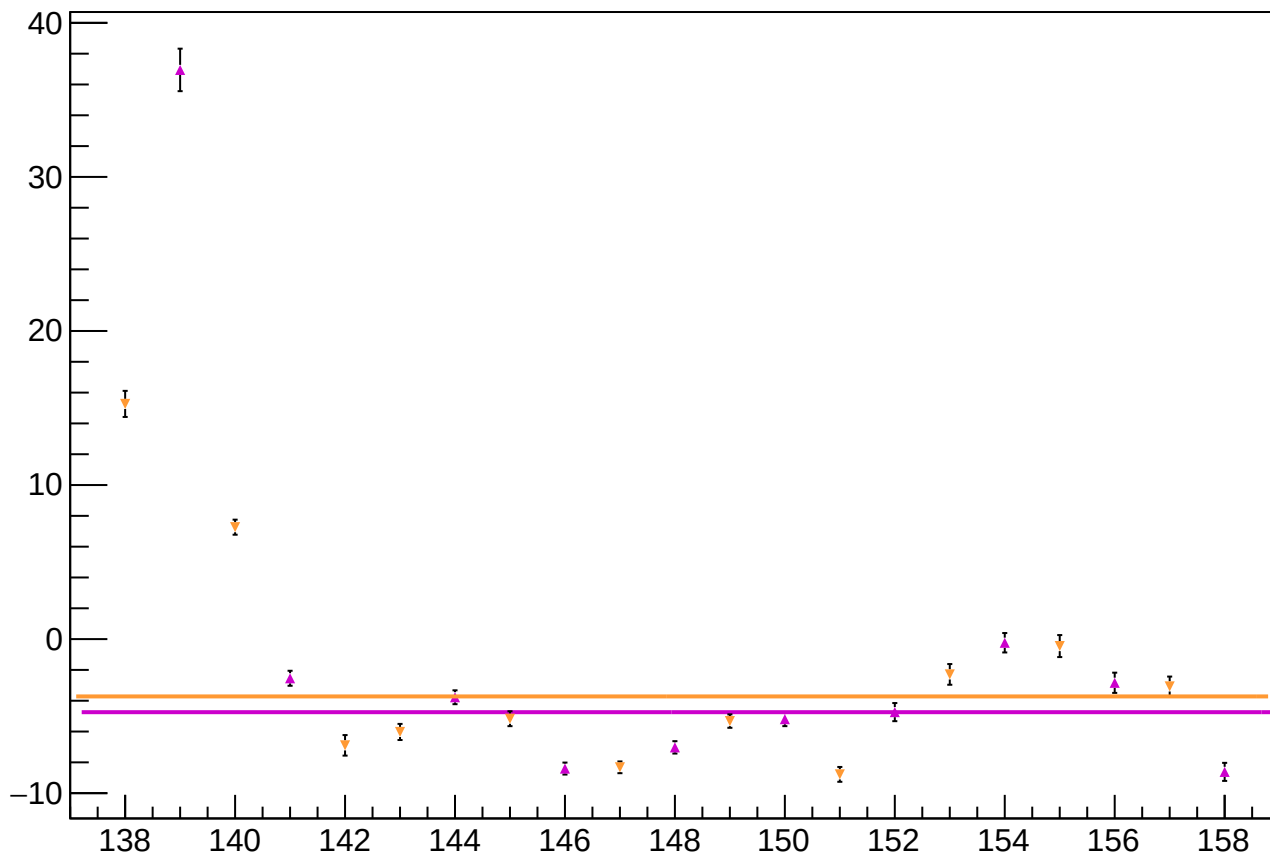
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -9.505+/-0.235 χ^2/NDF :684.6/9

Out: -13.416+/-0.234 χ^2/NDF :2319.4/10

All: -11.470+/-0.166 χ^2/NDF : 3143.1/20

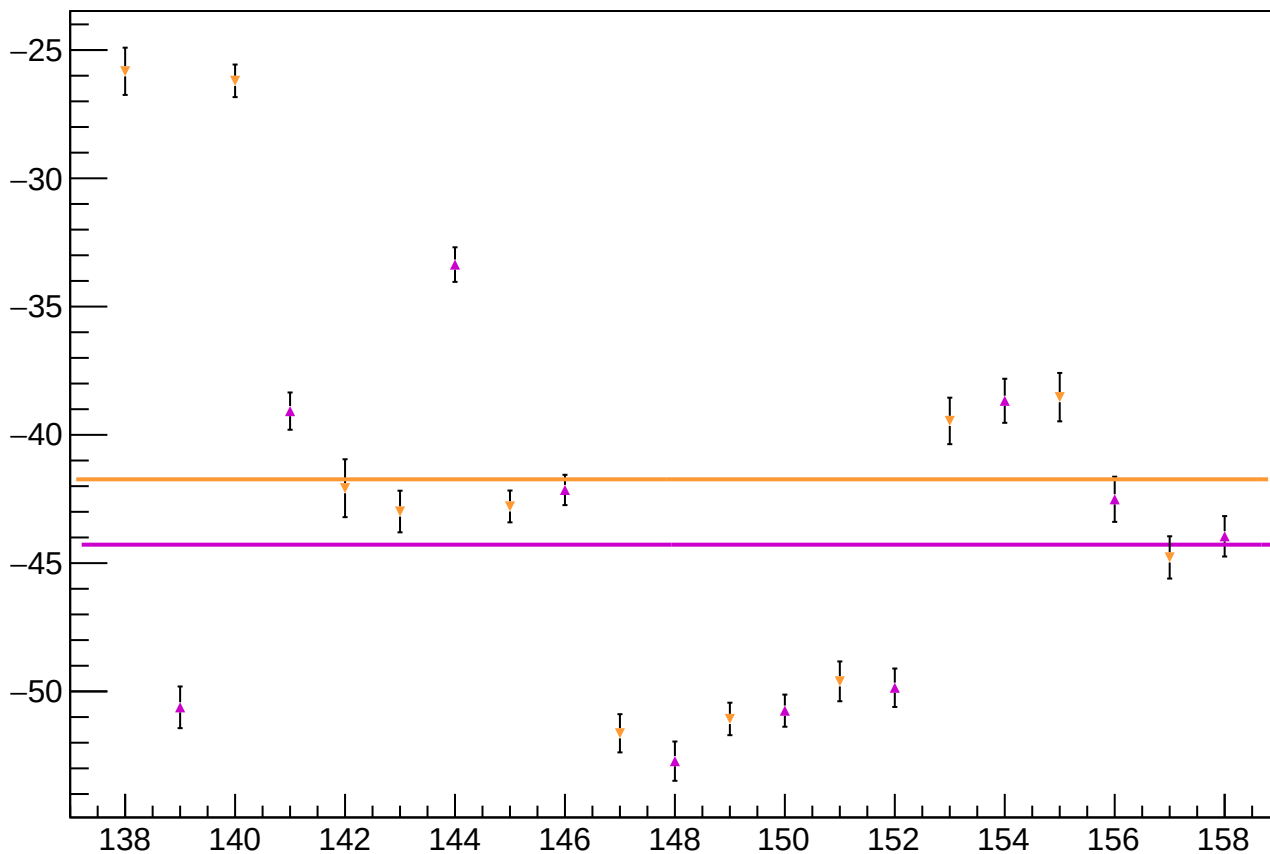
reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 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: -4.227+/-0.114 χ^2/NDF : 2538.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -4.744+/-0.162 χ^2/NDF :1164.0/9
 Out: -3.721+/-0.160 χ^2/NDF :1354.5/10
 All: -4.227+/-0.114 χ^2/NDF : 2538.6/20

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: -41.733+/-0.234 χ^2/NDF :1431.3/10

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: -43.021+/-0.164 χ^2/NDF : 2209.7/20

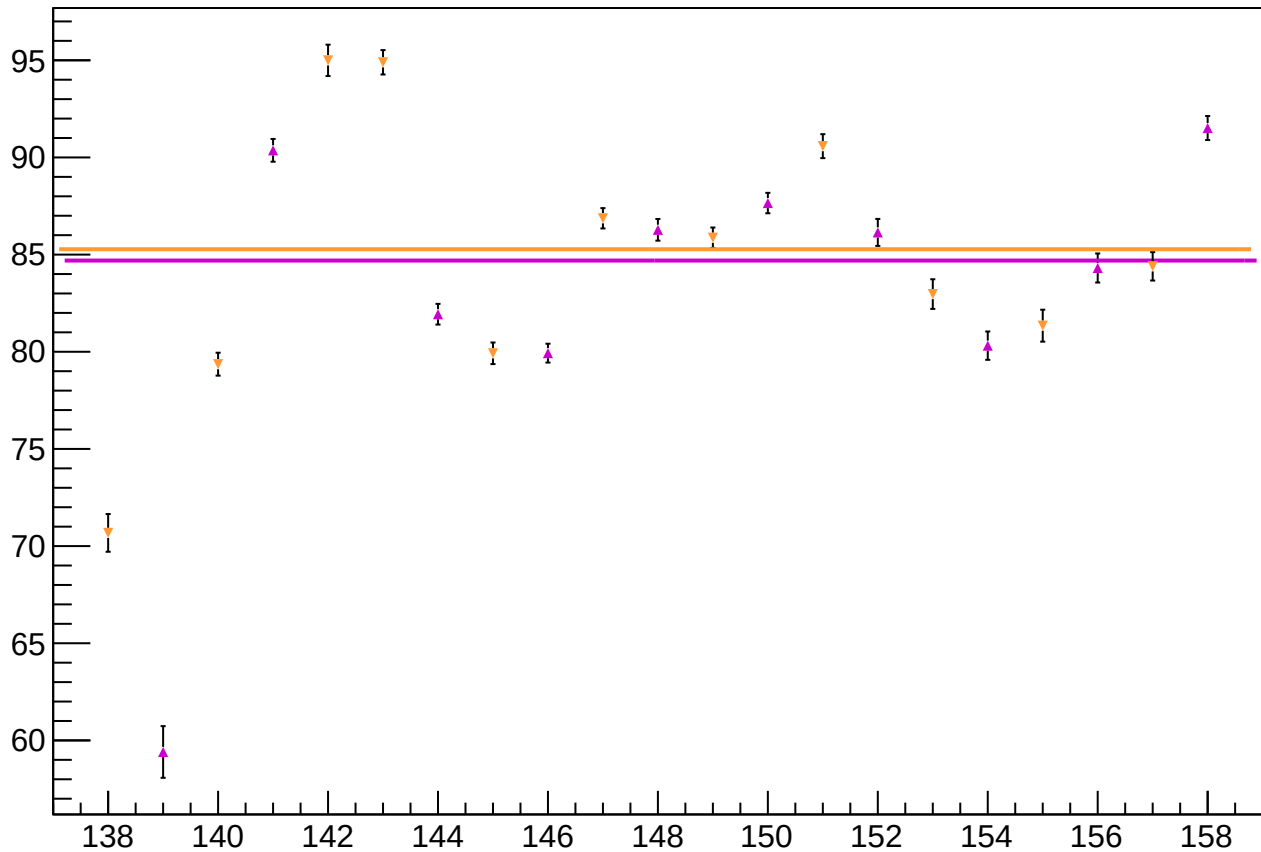
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -44.281+/-0.231 χ^2/NDF :718.2/9

Out: -41.733+/-0.234 χ^2/NDF :1431.3/10

All: -43.021+/-0.164 χ^2/NDF : 2209.7/20

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: 85.276+/-0.195 χ^2/NDF : 917.8/10

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: 84.984+/-0.138 χ^2/NDF : 1703.5/20

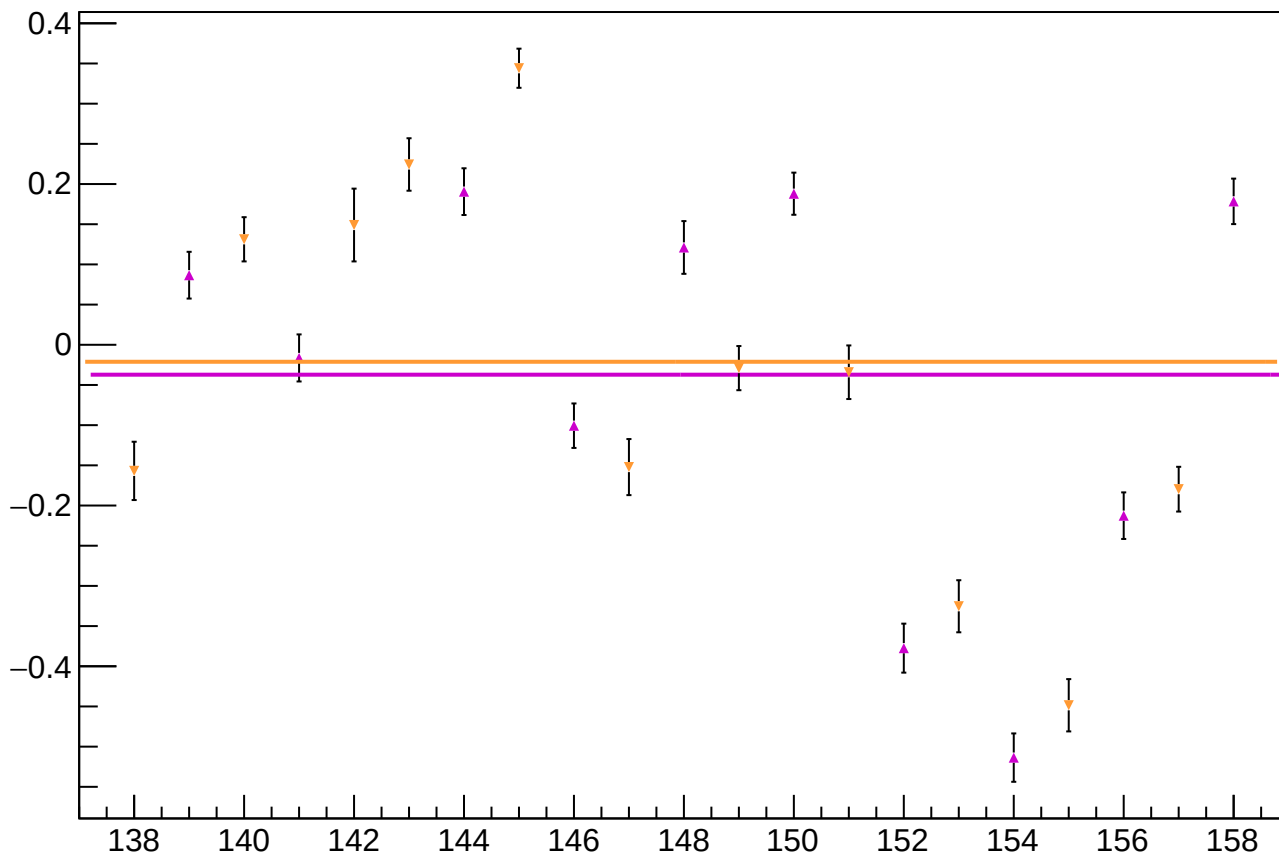
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 84.694+/-0.194 χ^2/NDF : 781.3/9

Out: 85.276+/-0.195 χ^2/NDF : 917.8/10

All: 84.984+/-0.138 χ^2/NDF : 1703.5/20

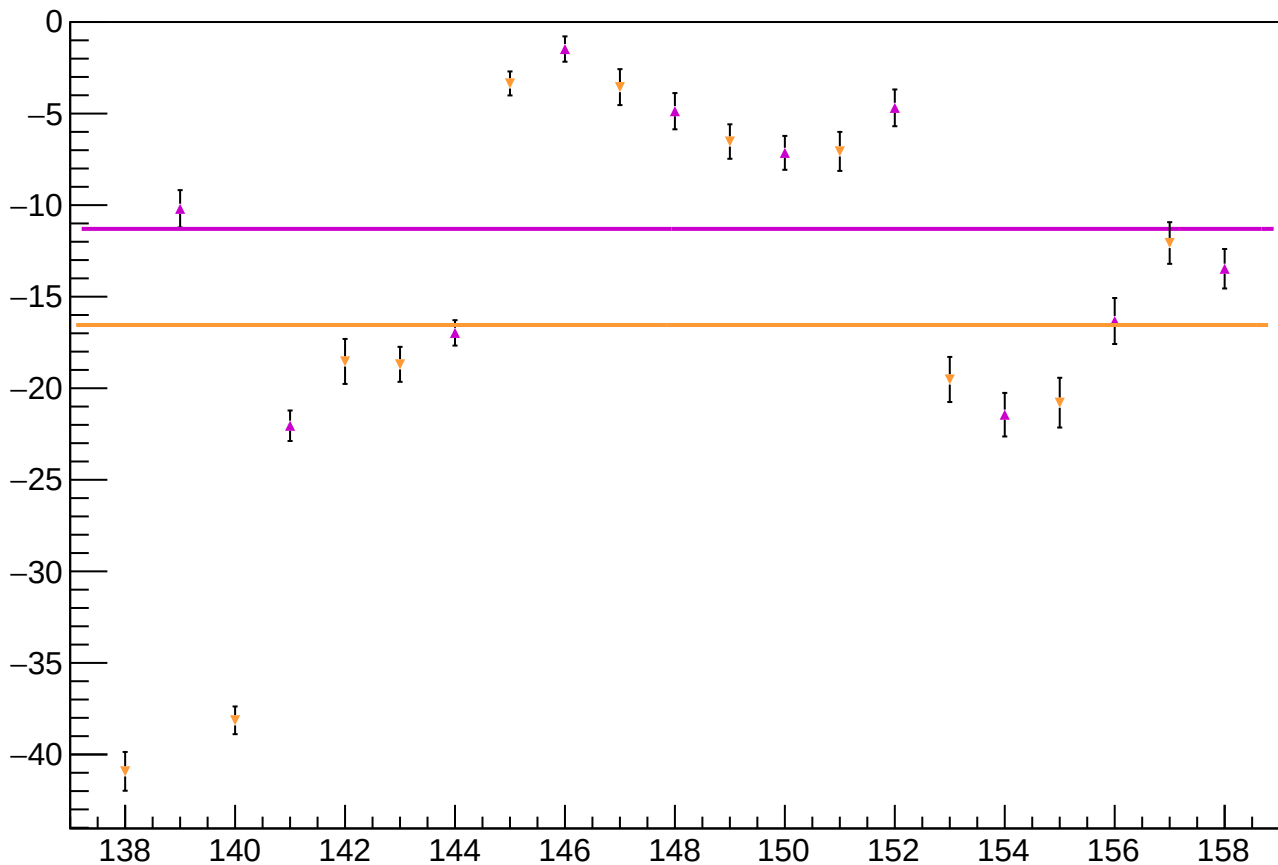
reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 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: -0.029+/-0.007 χ^2/NDF : 1301.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.037+/-0.009 χ^2/NDF : 652.4/9
 Out: -0.021+/-0.009 χ^2/NDF : 647.9/10
 All: -0.029+/-0.007 χ^2/NDF : 1301.8/20

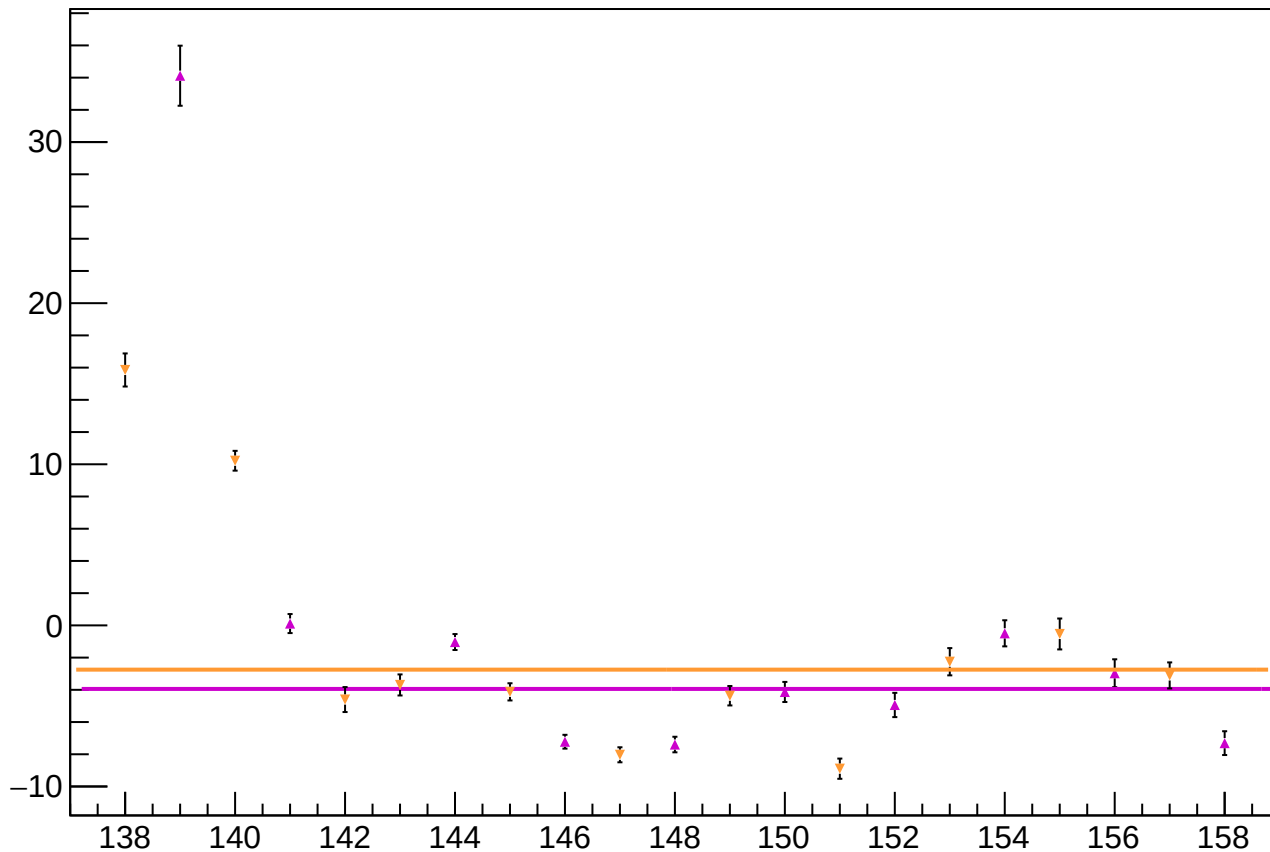
reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 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: -13.900+/-0.205 χ^2/NDF : 2953.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -11.298+/-0.289 χ^2/NDF :634.5/9
 Out: -16.547+/-0.292 χ^2/NDF :2155.9/10
 All: -13.900+/-0.205 χ^2/NDF : 2953.6/20

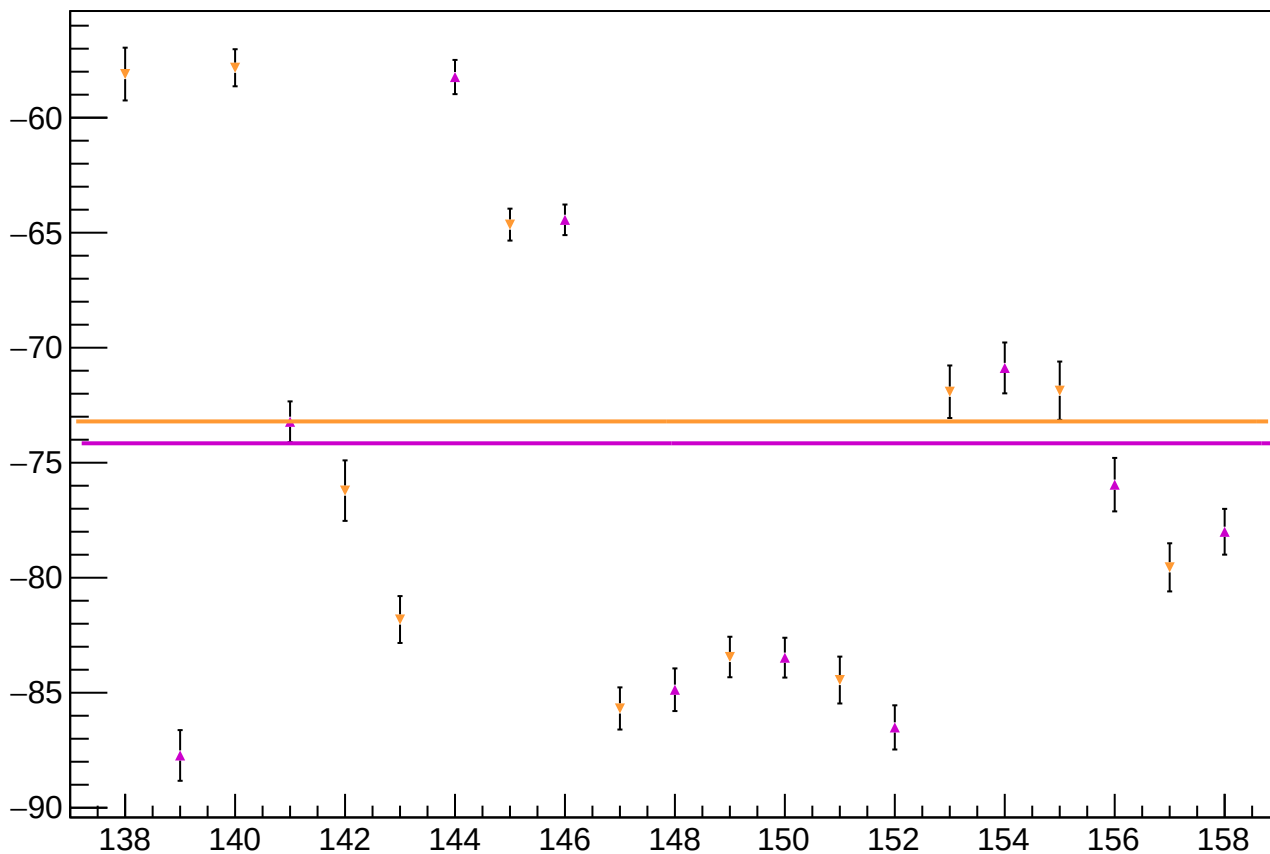
reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 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: -3.357+/-0.140 χ^2/NDF : 1693.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -3.945+/-0.196 χ^2/NDF :649.9/9
 Out: -2.747+/-0.200 χ^2/NDF :1025.2/10
 All: -3.357+/-0.140 χ^2/NDF : 1693.3/20

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: -73.205+/-0.293 χ^2/NDF :1247.3/10

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: -73.693+/-0.204 χ^2/NDF : 2518.4/20

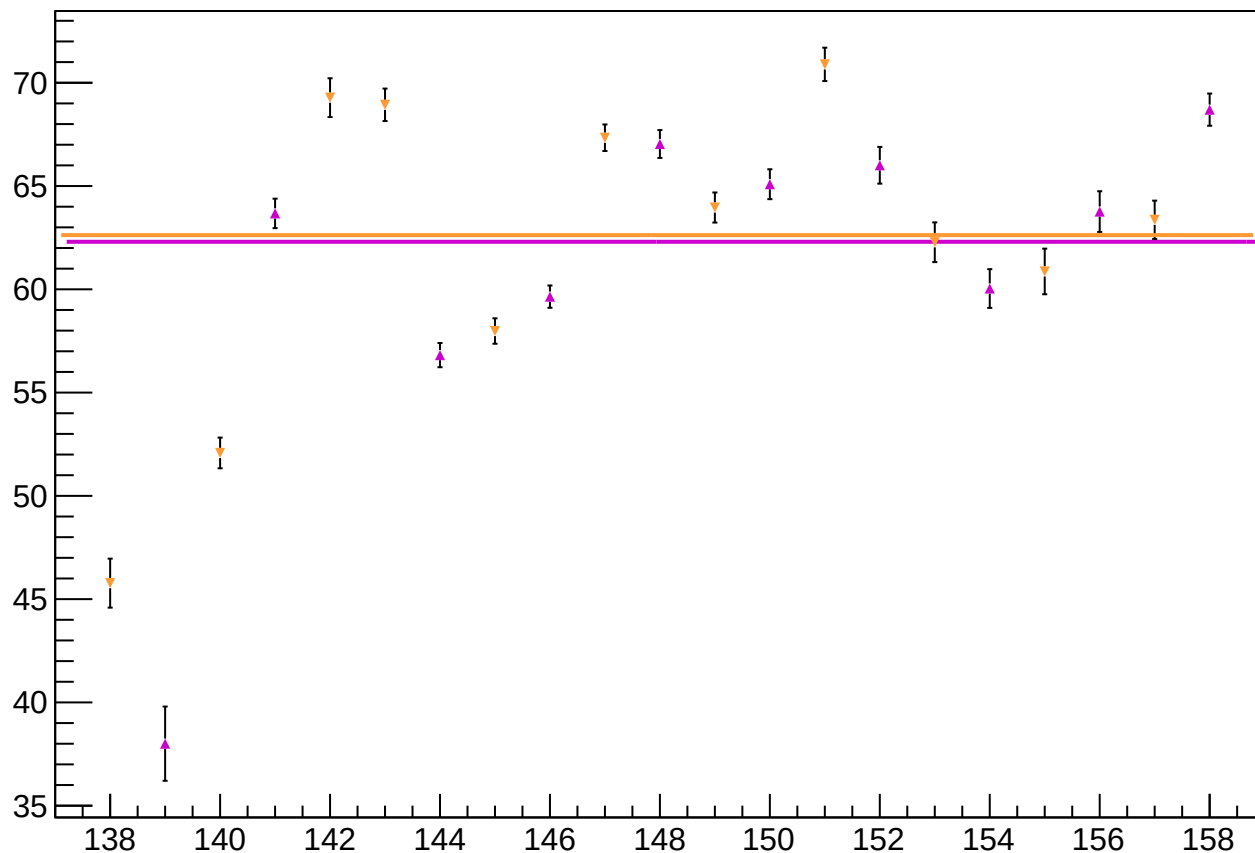
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -74.156+/-0.285 χ^2/NDF :1265.6/9

Out: -73.205+/-0.293 χ^2/NDF :1247.3/10

All: -73.693+/-0.204 χ^2/NDF : 2518.4/20

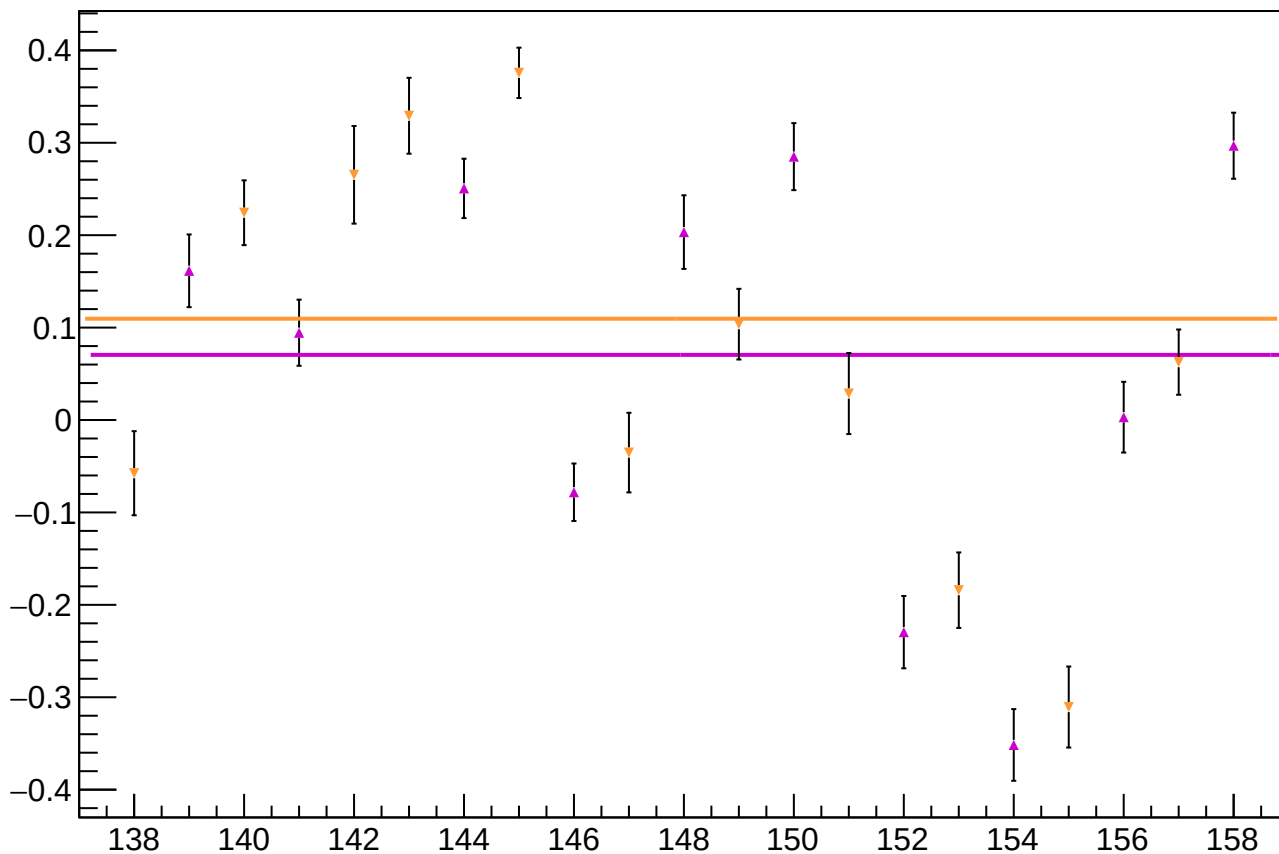
reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 62.625+/-0.244 χ^2/NDF :740.1/10
 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: 62.458+/-0.170 χ^2/NDF : 1196.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 62.301+/-0.237 χ^2/NDF :455.0/9
 Out: 62.625+/-0.244 χ^2/NDF :740.1/10
 All: 62.458+/-0.170 χ^2/NDF : 1196.0/20

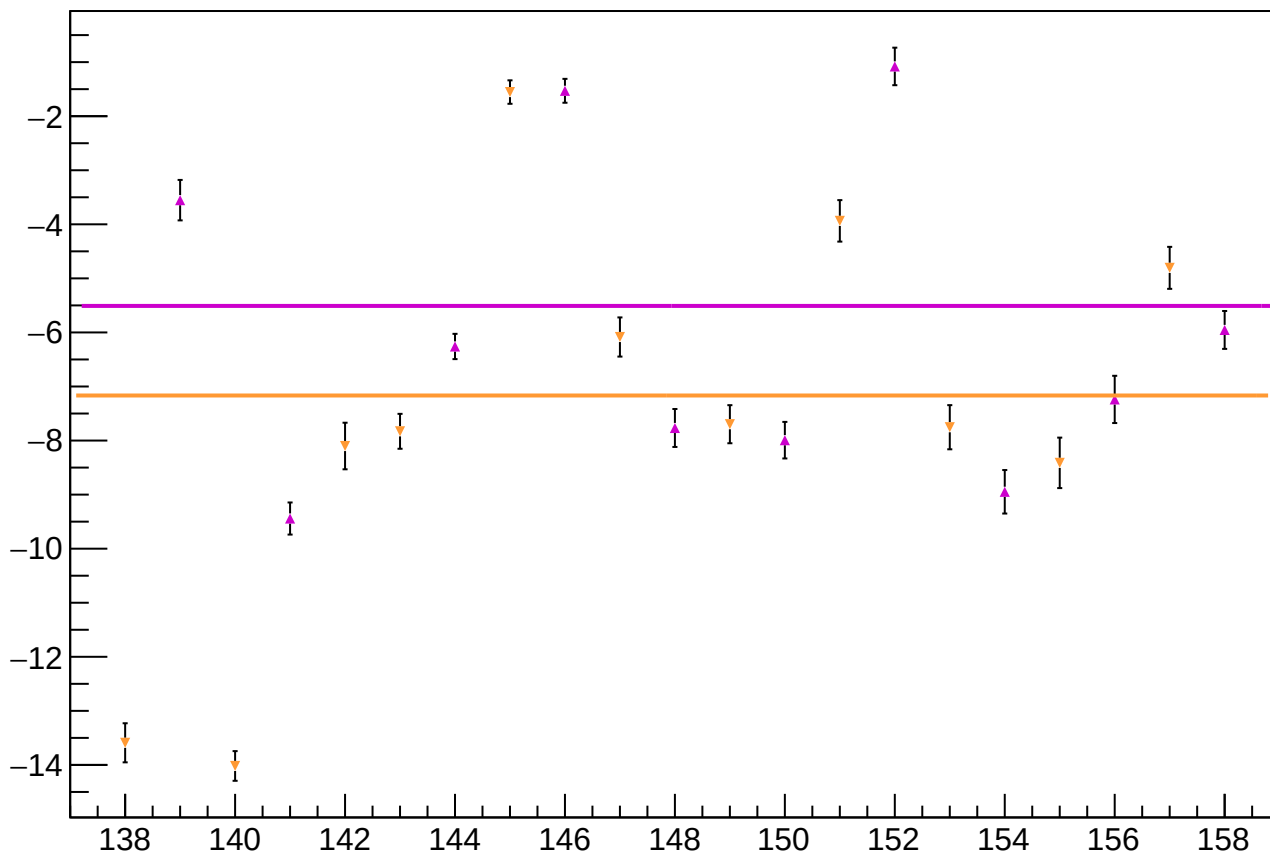
reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.110+/-0.012 χ^2/NDF :317.0/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.070+/-0.011 χ^2/NDF :326.7/9

Left: 0.090+/-0.008 χ^2/NDF : 649.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.070+/-0.011 χ^2/NDF :326.7/9
 Out: 0.110+/-0.012 χ^2/NDF :317.0/10
 All: 0.090+/-0.008 χ^2/NDF : 649.3/20

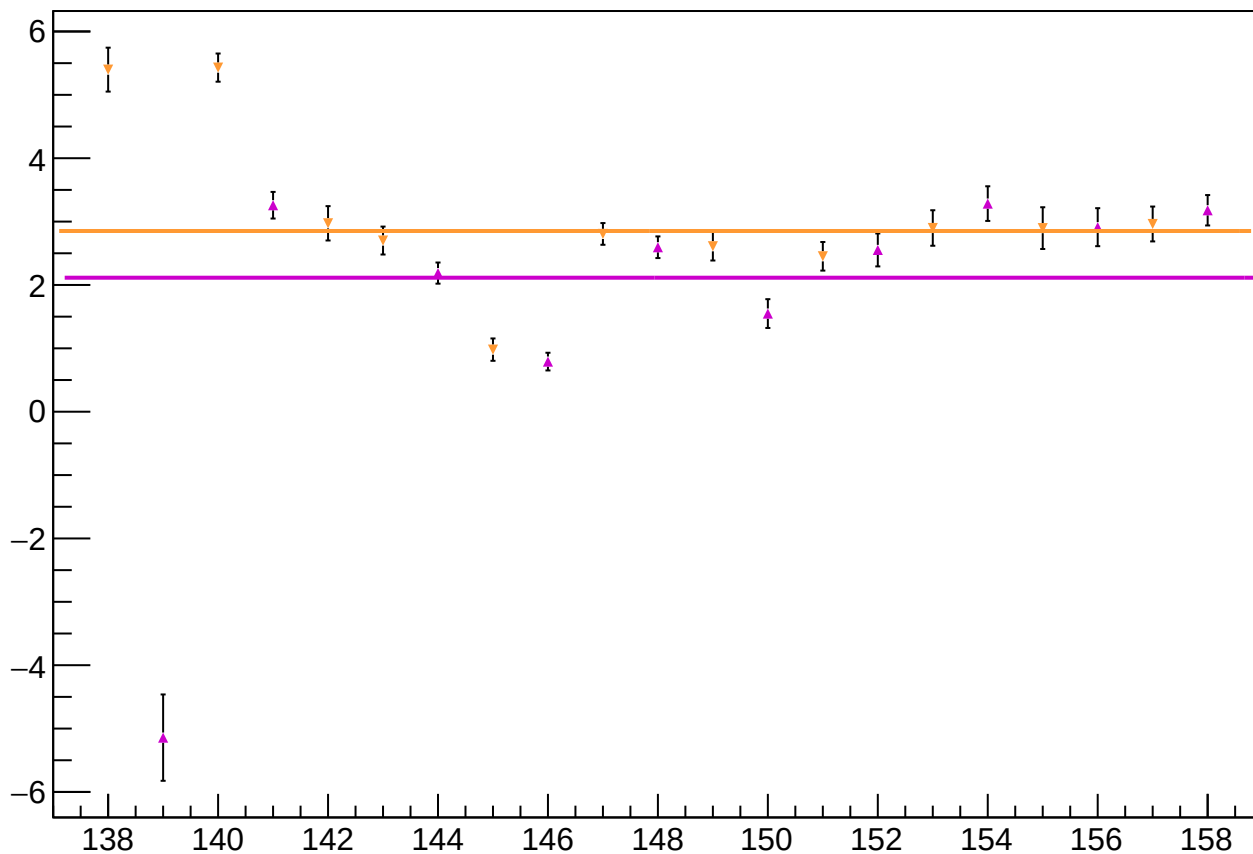
reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 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: -6.316+/-0.071 χ^2/NDF : 2767.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -5.509+/-0.099 χ^2/NDF :886.2/9
 Out: -7.166+/-0.102 χ^2/NDF :1744.5/10
 All: -6.316+/-0.071 χ^2/NDF : 2767.0/20

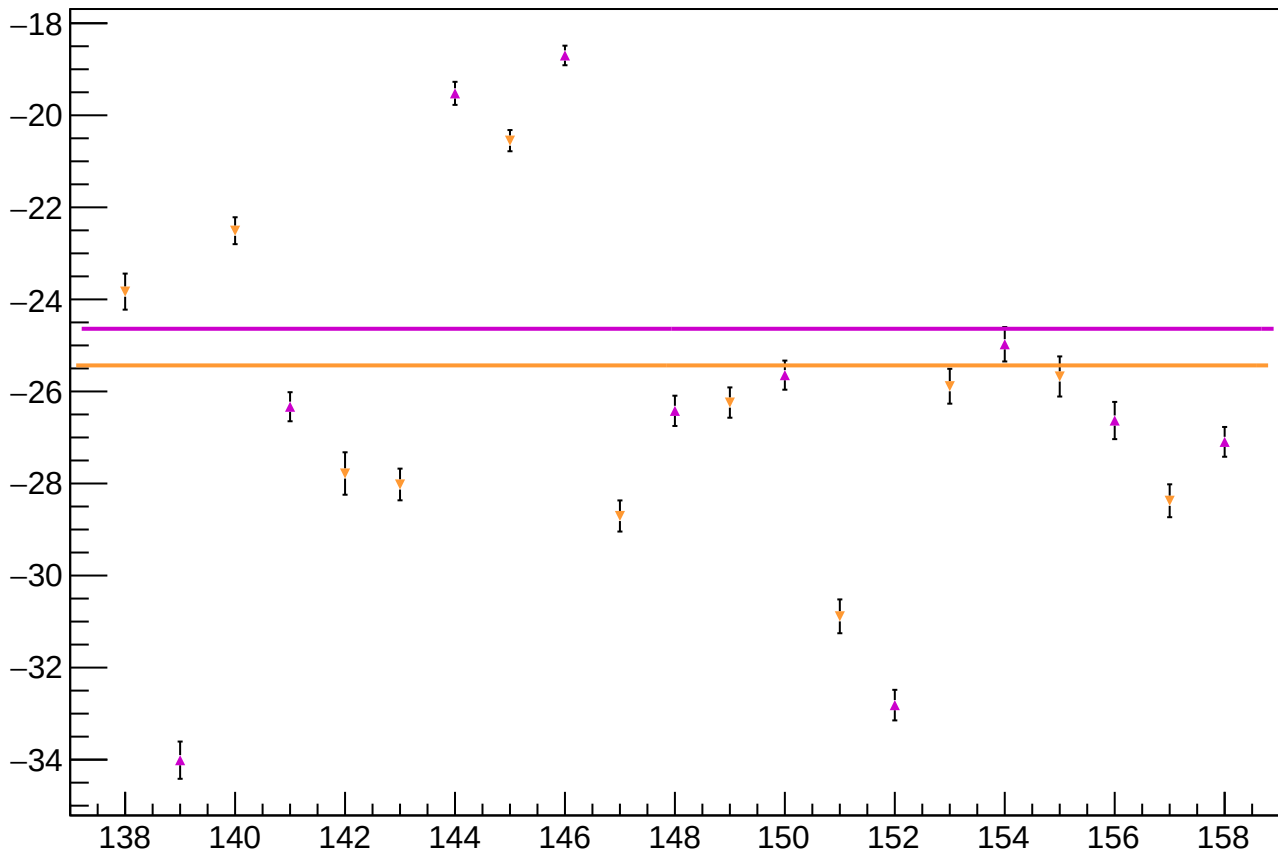
reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left Out: 2.852 $\pm$ 0.070 χ^2/NDF :306.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 2.114 $\pm$ 0.067 χ^2/NDF :295.3/9

Left: 2.467 $\pm$ 0.048 χ^2/NDF : 659.5/20
 Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 In: 2.114 $\pm$ 0.067 χ^2/NDF :295.3/9
 Out: 2.852 $\pm$ 0.070 χ^2/NDF :306.4/10
 All: 2.467 $\pm$ 0.048 χ^2/NDF : 659.5/20

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: -25.434+/-0.102 χ^2/NDF :1037.8/10

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: -25.017+/-0.071 χ^2/NDF : 3561.4/20

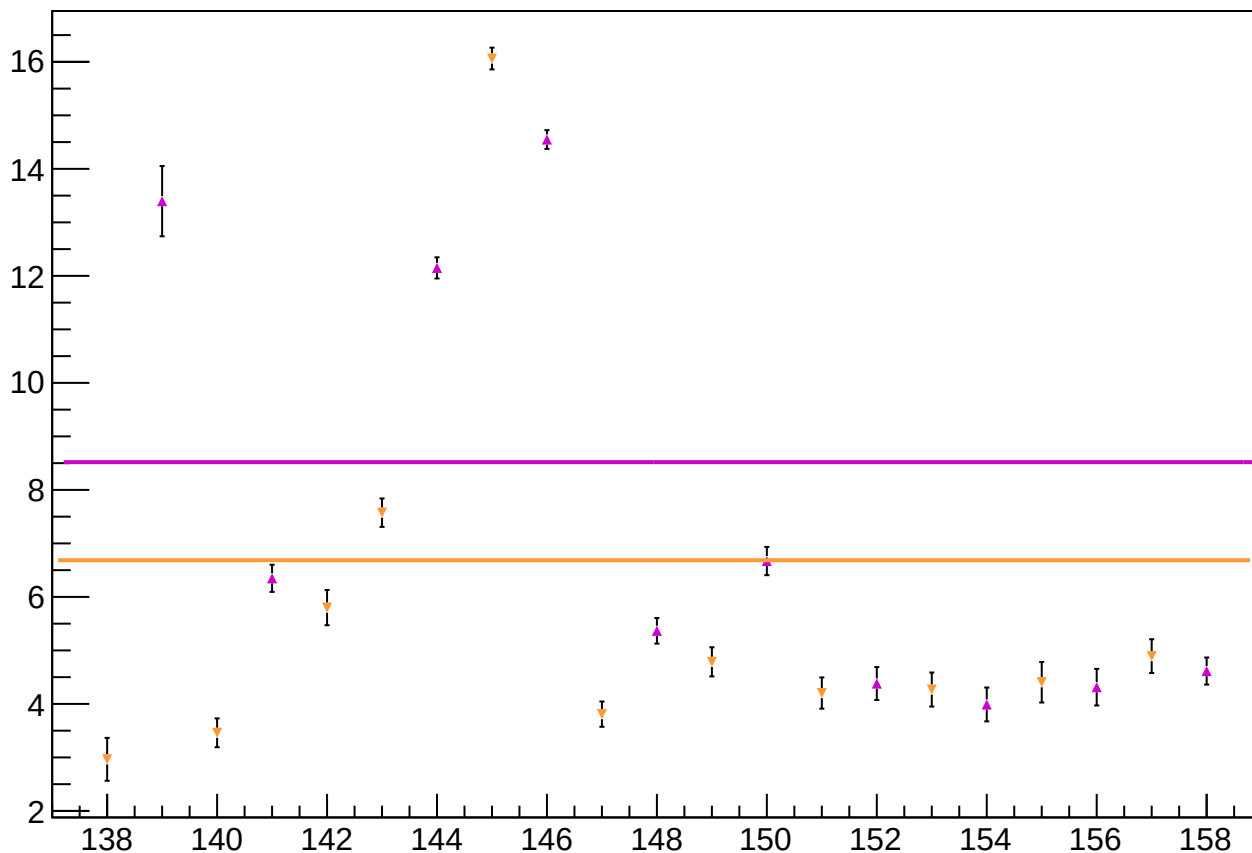
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -24.638+/-0.097 χ^2/NDF :2491.9/9

Out: -25.434+/-0.102 χ^2/NDF :1037.8/10

All: -25.017+/-0.071 χ^2/NDF : 3561.4/20

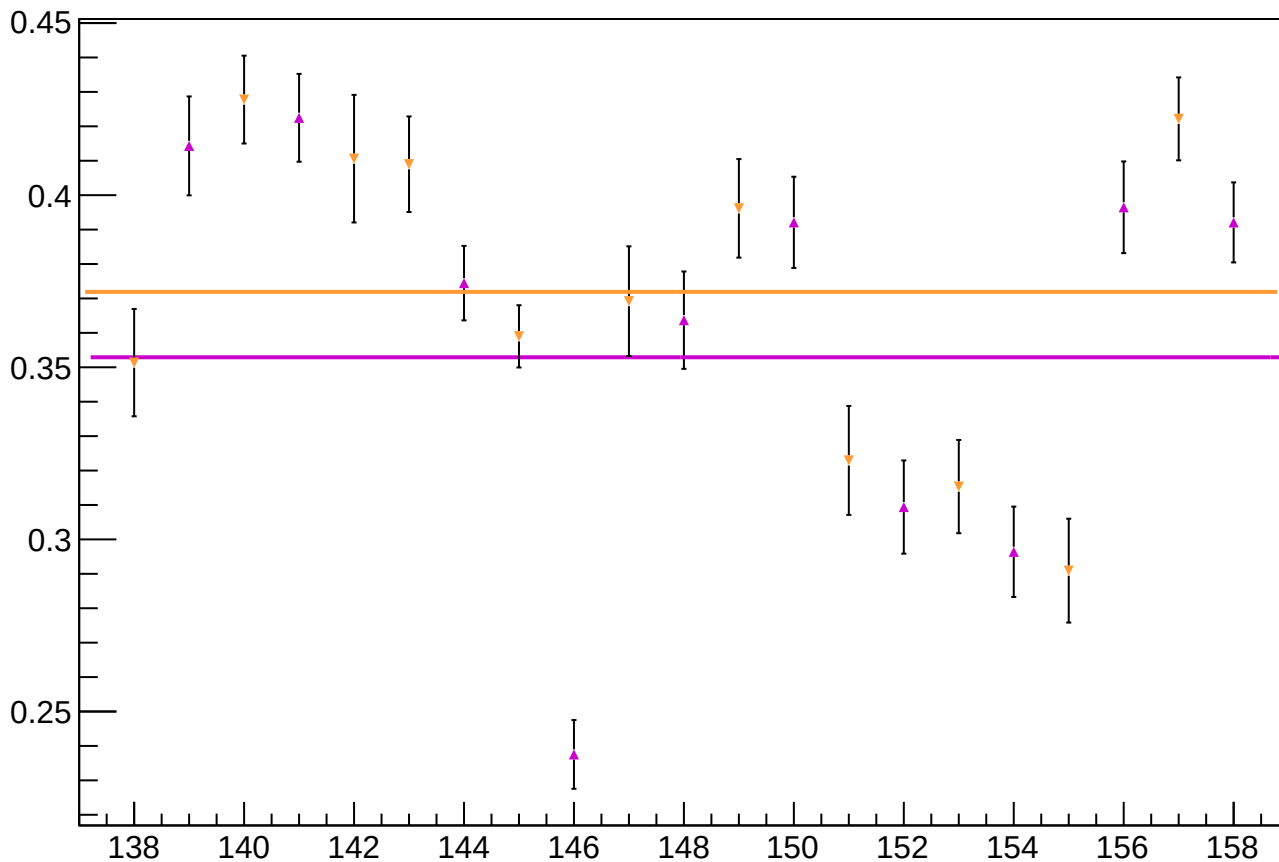
reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 6.685+/-0.085 χ^2/NDF :2772.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 8.519+/-0.081 χ^2/NDF :2652.5/9

Left: 7.650+/-0.059 χ^2/NDF : 5668.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 8.519+/-0.081 χ^2/NDF :2652.5/9
 Out: 6.685+/-0.085 χ^2/NDF :2772.1/10
 All: 7.650+/-0.059 χ^2/NDF : 5668.0/20

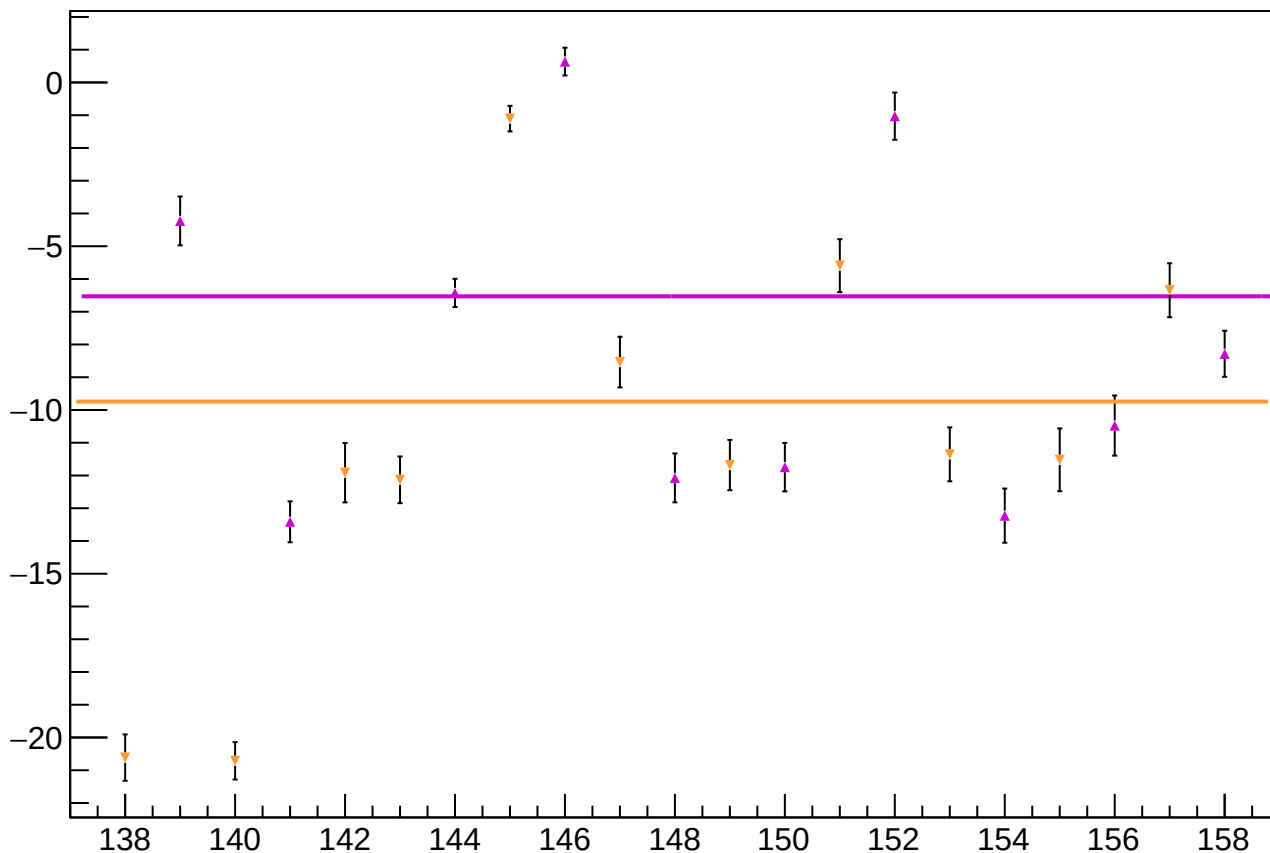
reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.353+/-0.004 χ^2/NDF :245.6/9

Left: 0.362+/-0.003 χ^2/NDF : 367.5/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 0.353+/-0.004 χ^2/NDF :245.6/9
 Out: 0.372+/-0.004 χ^2/NDF :110.6/10
 All: 0.362+/-0.003 χ^2/NDF : 367.5/20

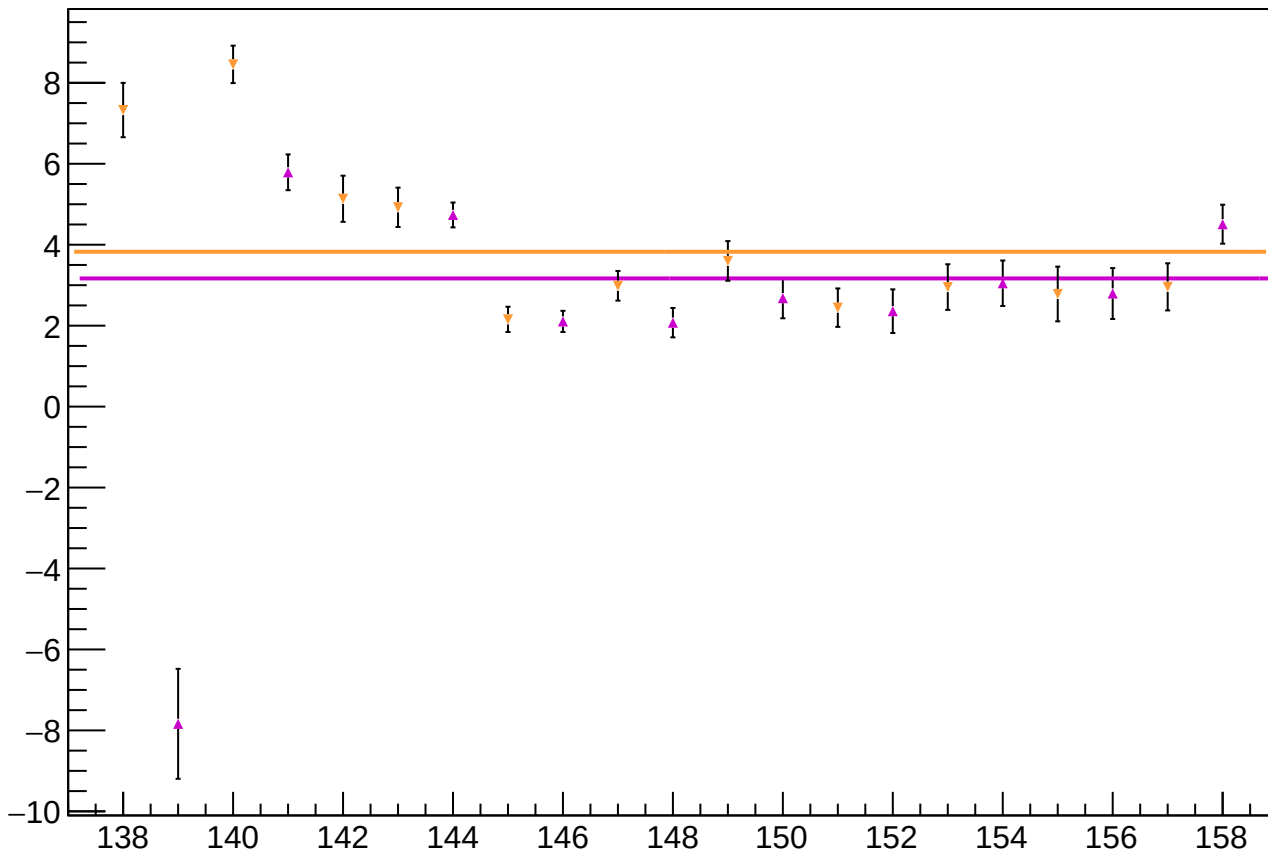
reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -9.744 $\pm$ 0.205 χ^2 /NDF:1170.8/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -6.530 $\pm$ 0.198 χ^2 /NDF:669.7/9

Left: -8.079 $\pm$ 0.142 χ^2 /NDF: 1967.5/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -6.530 $\pm$ 0.198 χ^2 /NDF:669.7/9
 Out: -9.744 $\pm$ 0.205 χ^2 /NDF:1170.8/10
 All: -8.079 $\pm$ 0.142 χ^2 /NDF: 1967.5/20

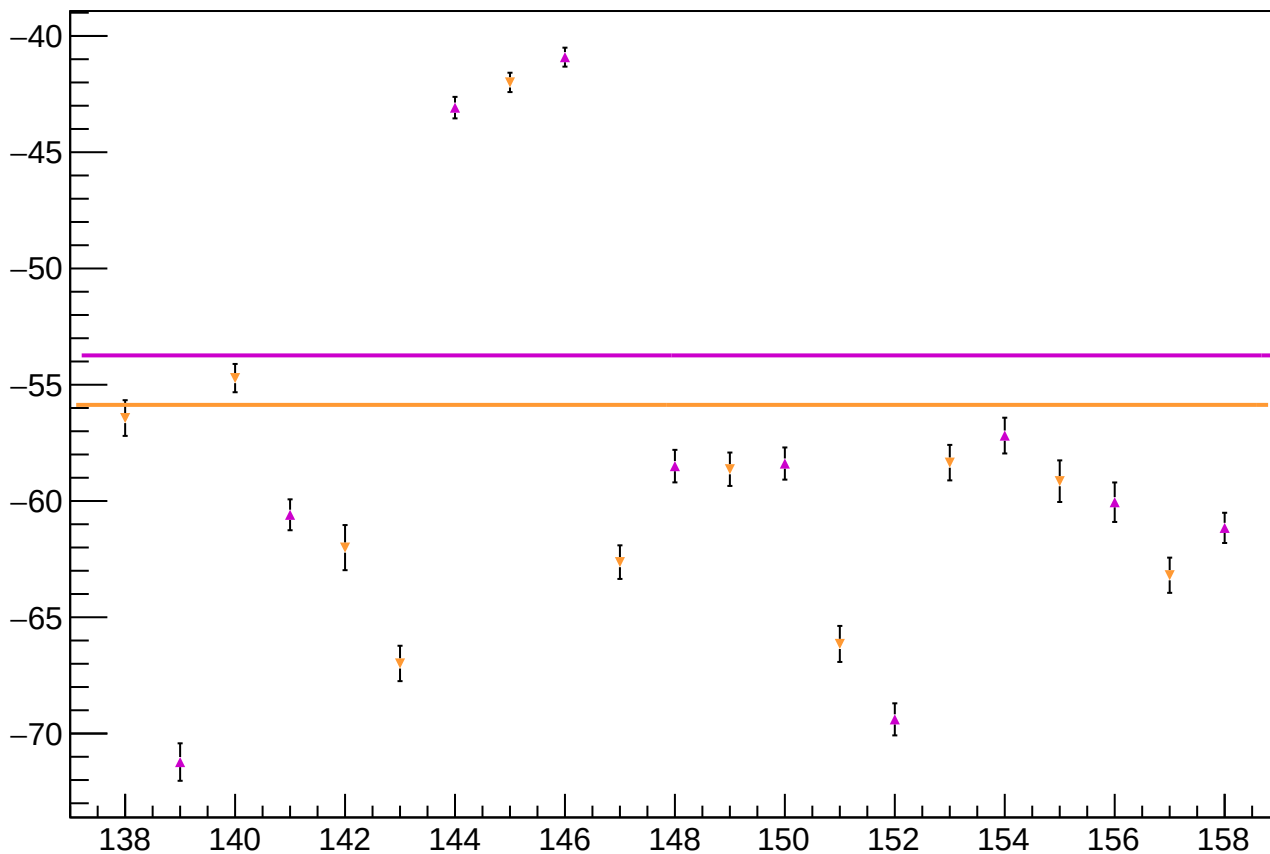
reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 3.826 $\pm$ 0.143 χ^2 /NDF:187.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 3.167 $\pm$ 0.134 χ^2 /NDF:163.7/9

Left: 3.474 $\pm$ 0.098 χ^2 /NDF: 362.4/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 3.167 $\pm$ 0.134 χ^2 /NDF:163.7/9
 Out: 3.826 $\pm$ 0.143 χ^2 /NDF:187.4/10
 All: 3.474 $\pm$ 0.098 χ^2 /NDF: 362.4/20

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



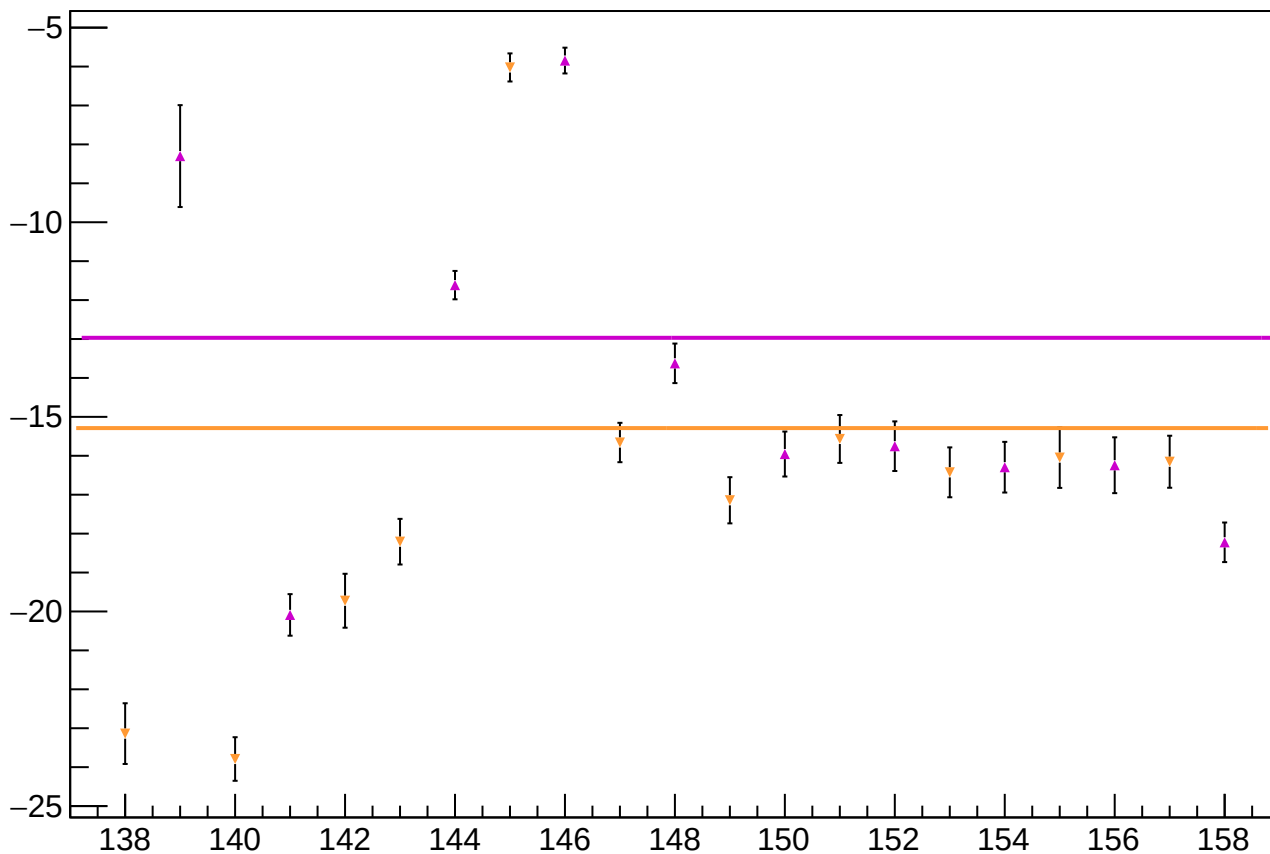
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -55.866+/-0.208 χ^2/NDF :1766.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -53.738+/-0.195 χ^2/NDF :2909.9/9

Left: -54.738+/-0.142 χ^2/NDF : 4731.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -53.738+/-0.195 χ^2/NDF :2909.9/9
 Out: -55.866+/-0.208 χ^2/NDF :1766.1/10

All: -54.738+/-0.142 χ^2/NDF : 4731.6/20

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



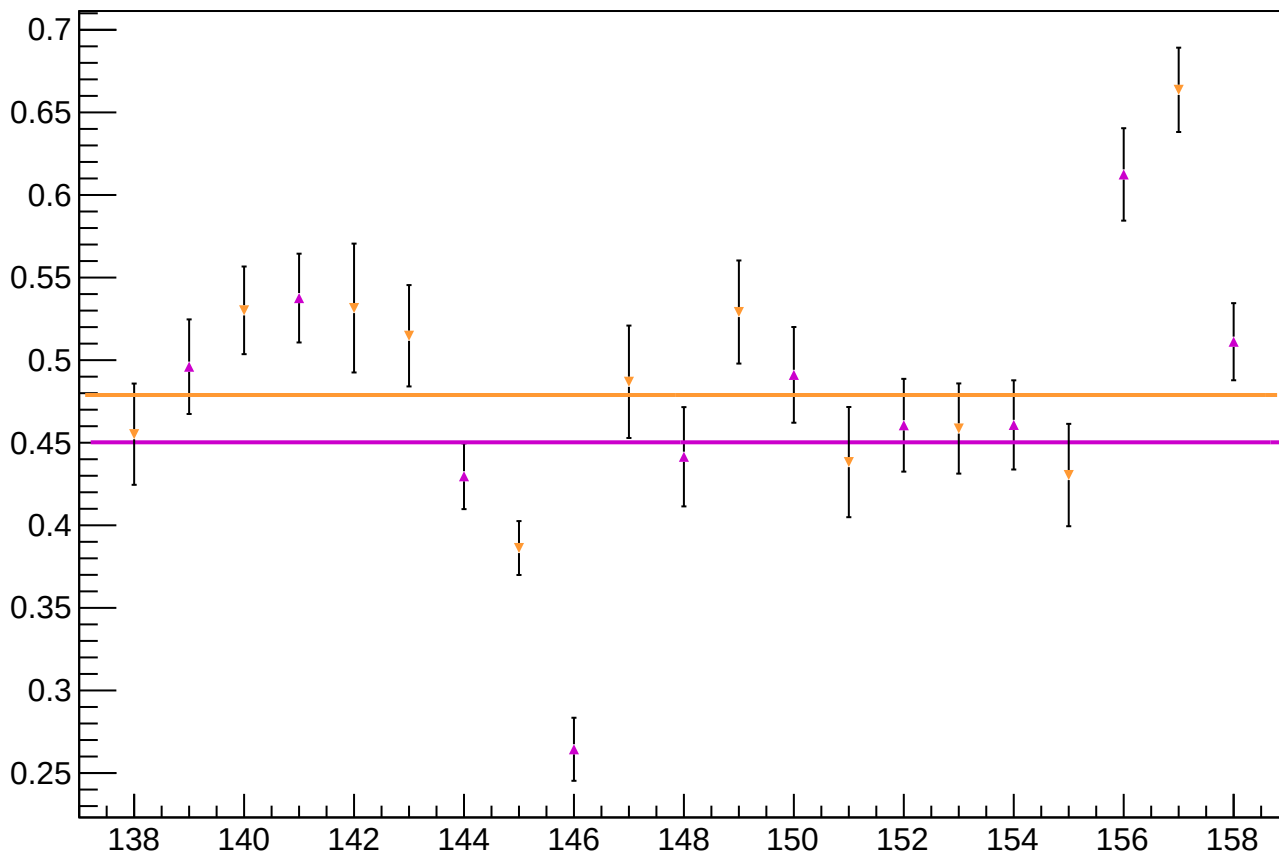
Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left Out: -15.289 ± 0.173 χ^2/NDF : 1073.2/10
 Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Left In: -12.969 ± 0.162 χ^2/NDF : 868.2/9

Left: -14.048 ± 0.118 χ^2/NDF : 2037.0/20
 Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -12.969 ± 0.162 χ^2/NDF : 868.2/9
 Out: -15.289 ± 0.173 χ^2/NDF : 1073.2/10

All: -14.048 ± 0.118 χ^2/NDF : 2037.0/20

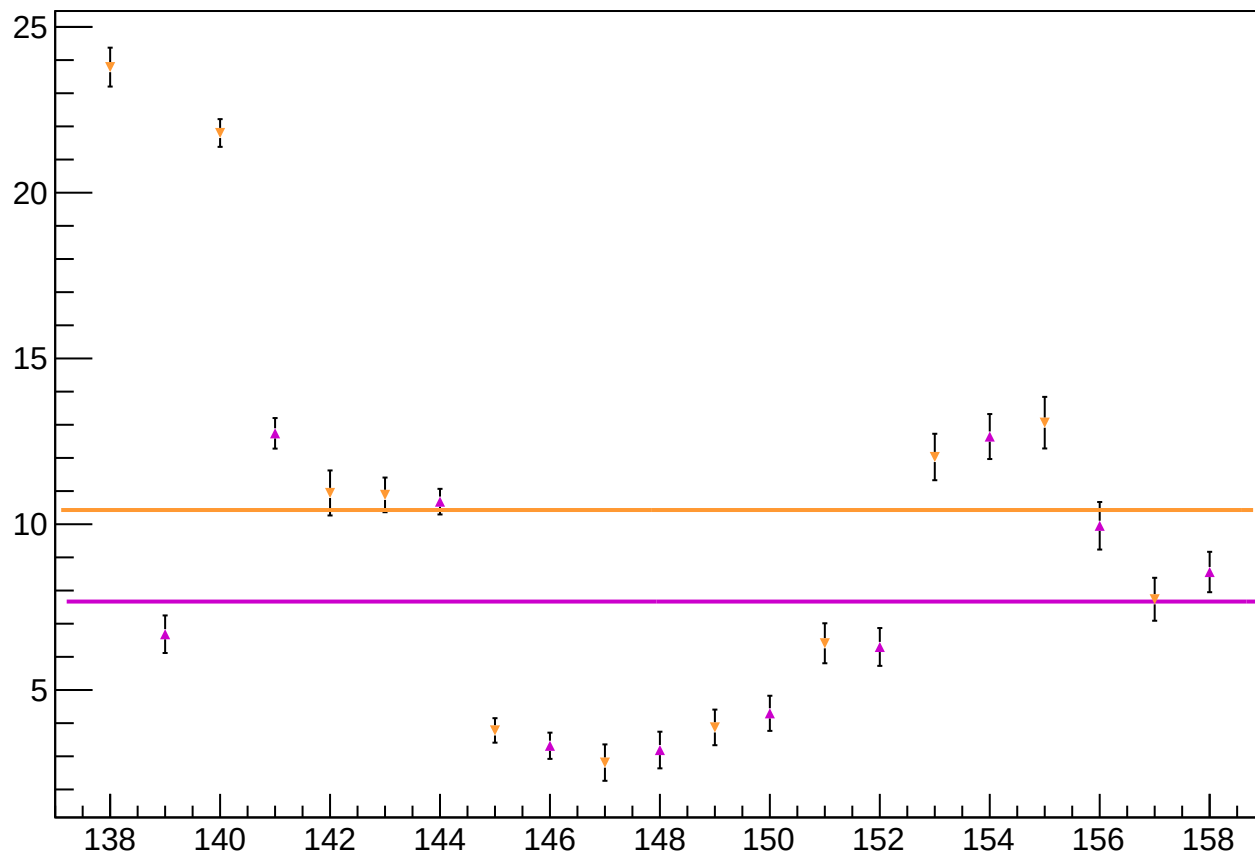
reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9

Left: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.3/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.450 $\pm$ 0.008 χ^2 /NDF:151.8/9
 Out: 0.479 $\pm$ 0.008 χ^2 /NDF:99.3/10
 All: 0.464 $\pm$ 0.006 χ^2 /NDF: 257.3/20

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: 10.429+/-0.164 χ^2/NDF :2002.8/10

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: 9.044+/-0.115 χ^2/NDF : 2629.7/20

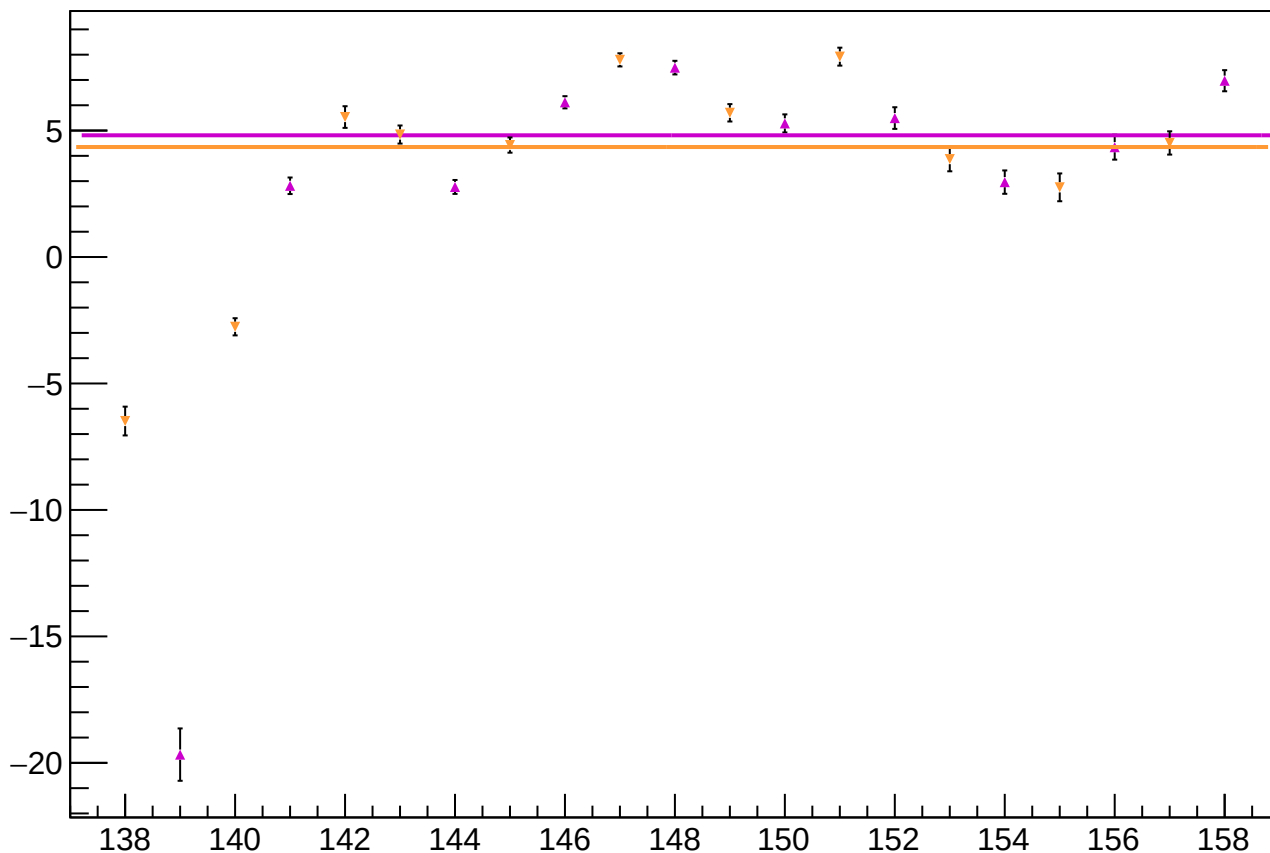
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 7.668+/-0.163 χ^2/NDF :483.9/9

Out: 10.429+/-0.164 χ^2/NDF :2002.8/10

All: 9.044+/-0.115 χ^2/NDF : 2629.7/20

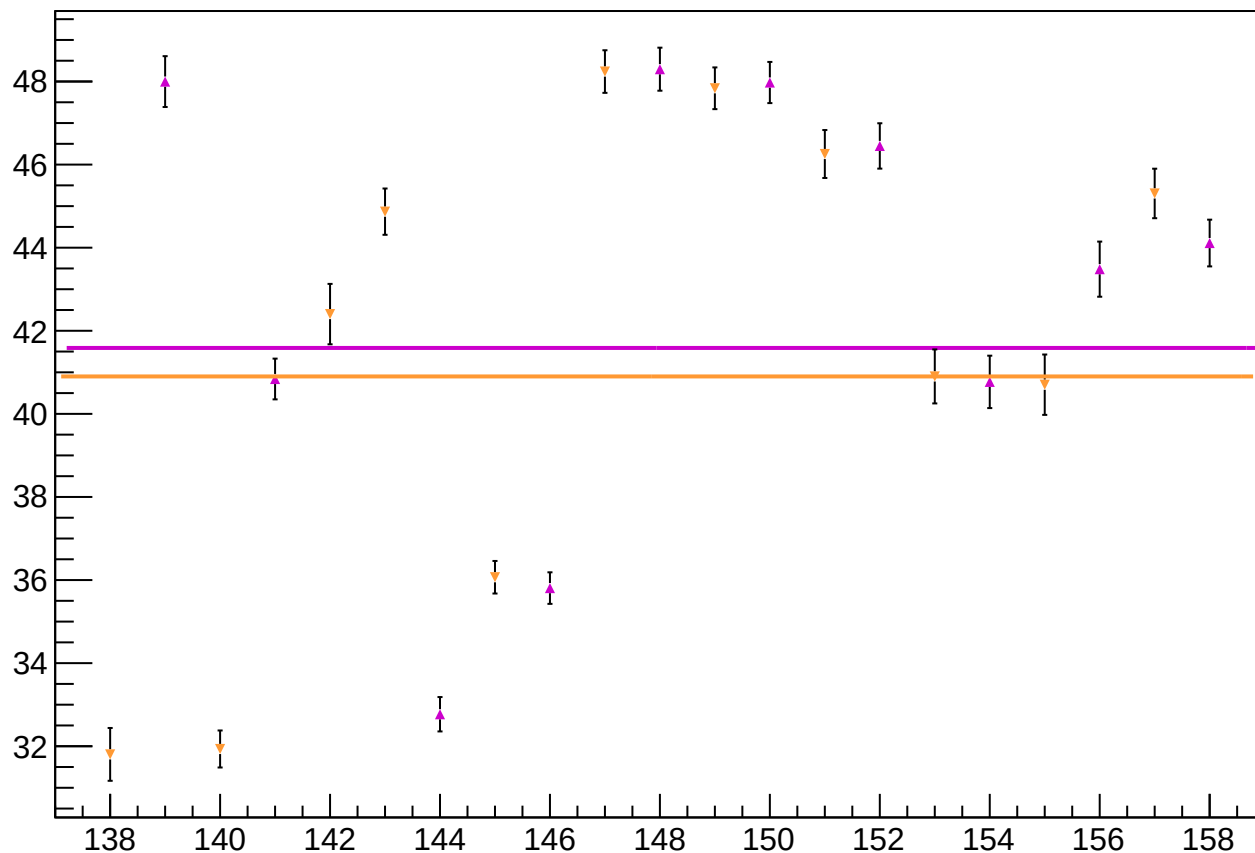
reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 4.349 $\pm$ 0.112 χ^2 /NDF:1111.2/10
 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: 4.584 $\pm$ 0.079 χ^2 /NDF: 1947.3/20
 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: 4.349 $\pm$ 0.112 χ^2 /NDF:1111.2/10
 All: 4.584 $\pm$ 0.079 χ^2 /NDF: 1947.3/20

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 40.901 $\pm$ 0.164 χ^2 /NDF:1353.7/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 41.587 $\pm$ 0.161 χ^2 /NDF:1241.2/9

Left: 41.252 $\pm$ 0.115 χ^2 /NDF: 2603.8/20

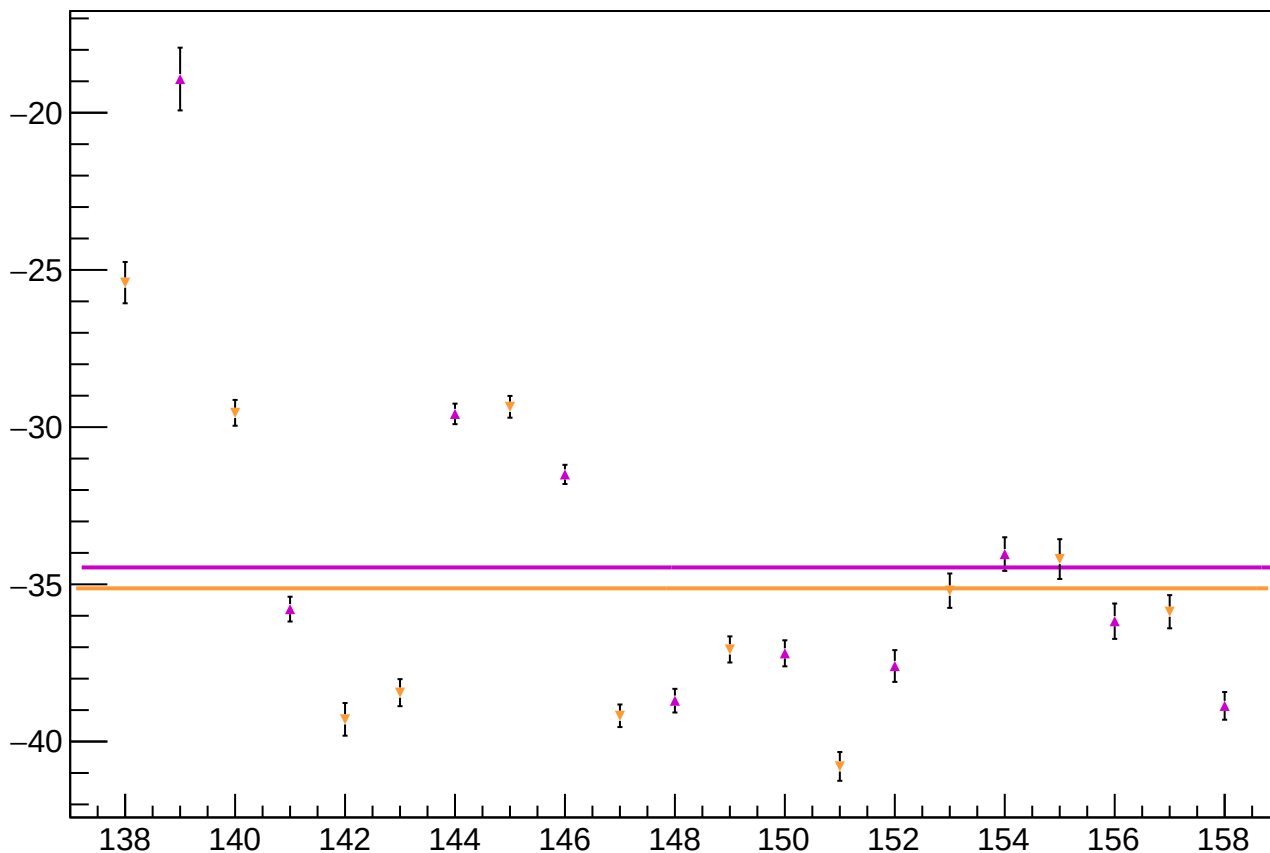
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: 41.587 $\pm$ 0.161 χ^2 /NDF:1241.2/9

Out: 40.901 $\pm$ 0.164 χ^2 /NDF:1353.7/10

All: 41.252 $\pm$ 0.115 χ^2 /NDF: 2603.8/20

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: -35.127+/-0.137 χ^2/NDF :1112.2/10

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: -34.787+/-0.096 χ^2/NDF : 2014.4/20

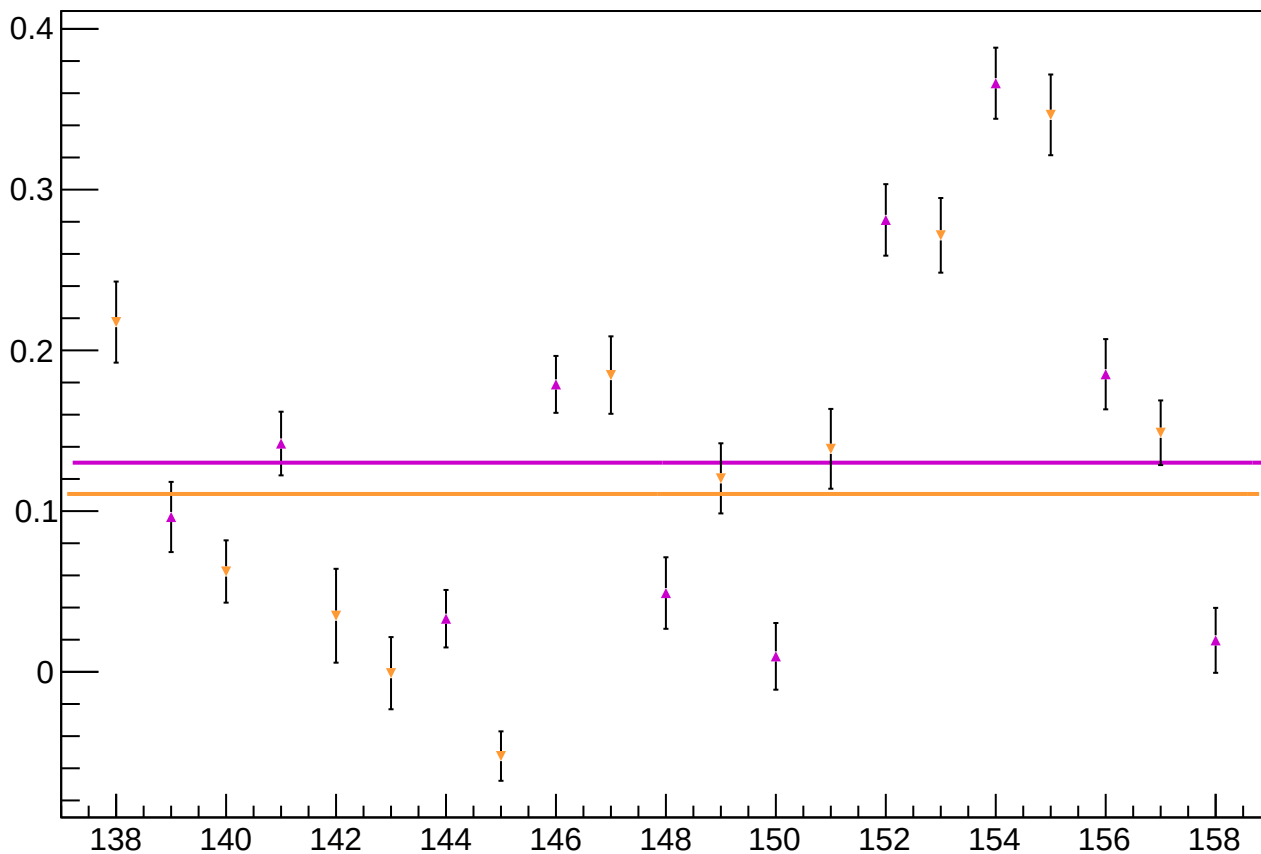
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -34.463+/-0.133 χ^2/NDF :890.1/9

Out: -35.127+/-0.137 χ^2/NDF :1112.2/10

All: -34.787+/-0.096 χ^2/NDF : 2014.4/20

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+/-0.007 χ^2/NDF :318.6/10

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: 0.121+/-0.005 χ^2/NDF : 606.2/20

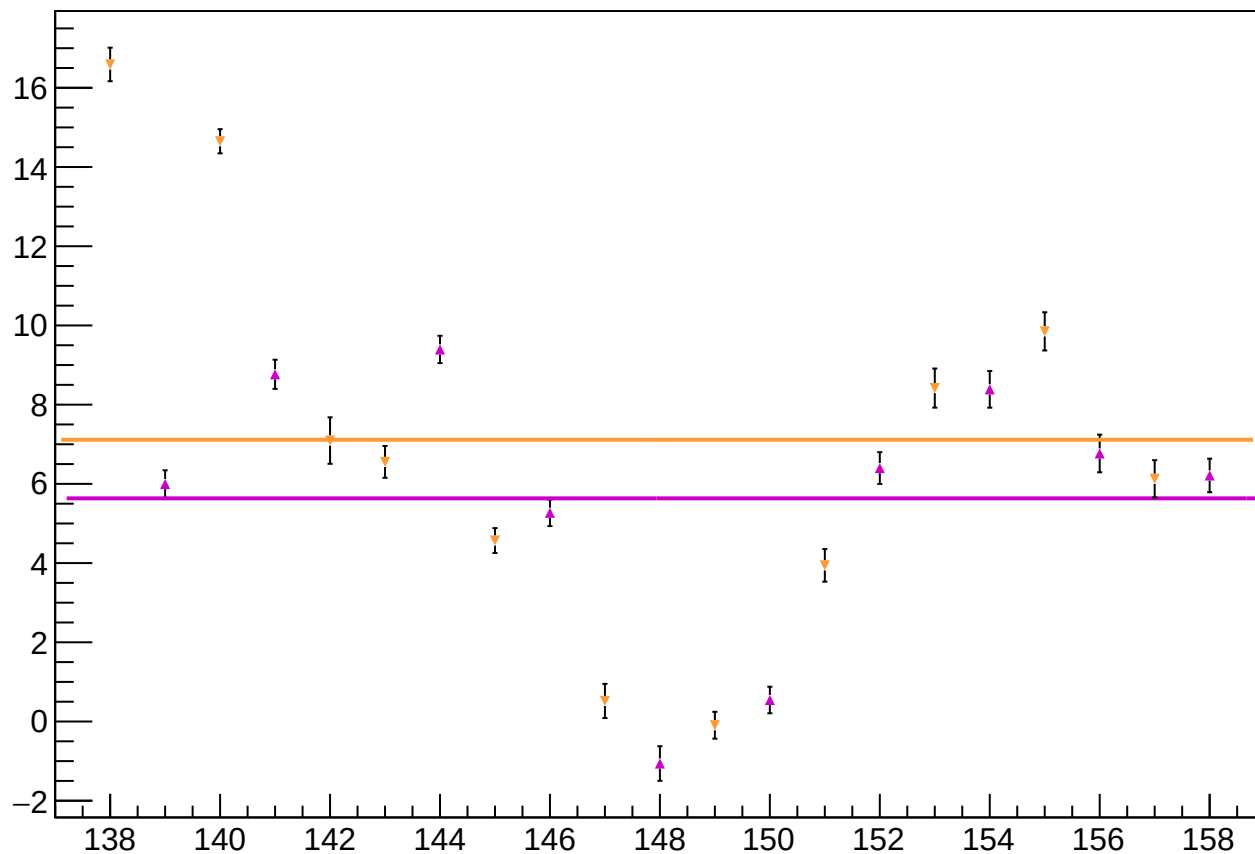
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.130+/-0.006 χ^2/NDF :283.1/9

Out: 0.111+/-0.007 χ^2/NDF :318.6/10

All: 0.121+/-0.005 χ^2/NDF : 606.2/20

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: 7.114+/-0.121 χ^2/NDF :1966.2/10

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: 6.377+/-0.086 χ^2/NDF : 2747.4/20

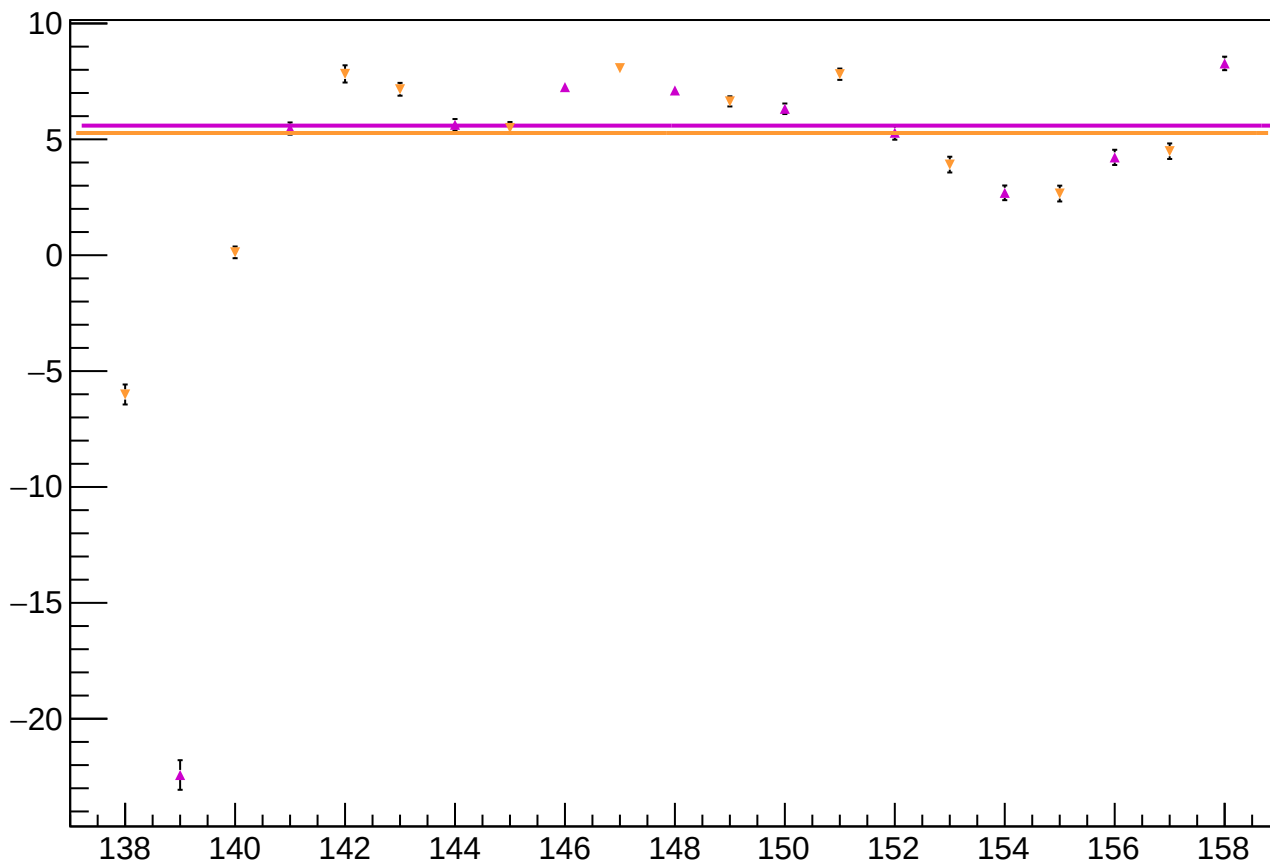
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 5.634+/-0.121 χ^2/NDF :706.4/9

Out: 7.114+/-0.121 χ^2/NDF :1966.2/10

All: 6.377+/-0.086 χ^2/NDF : 2747.4/20

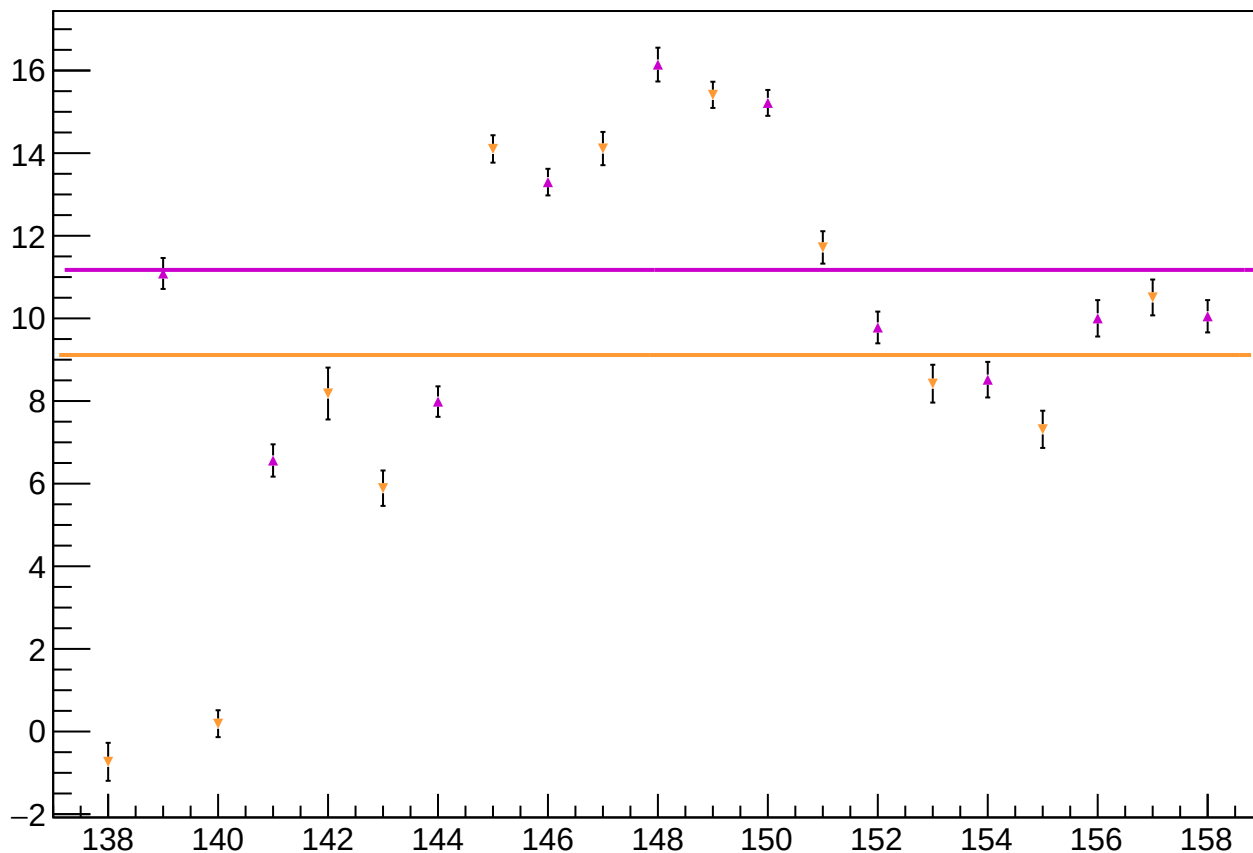
reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 5.274 $\pm$ 0.084 χ^2 /NDF:1602.2/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 5.592 $\pm$ 0.085 χ^2 /NDF:2230.5/9

Left: 5.430 $\pm$ 0.060 χ^2 /NDF: 3839.8/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 5.592 $\pm$ 0.085 χ^2 /NDF:2230.5/9
 Out: 5.274 $\pm$ 0.084 χ^2 /NDF:1602.2/10
 All: 5.430 $\pm$ 0.060 χ^2 /NDF: 3839.8/20

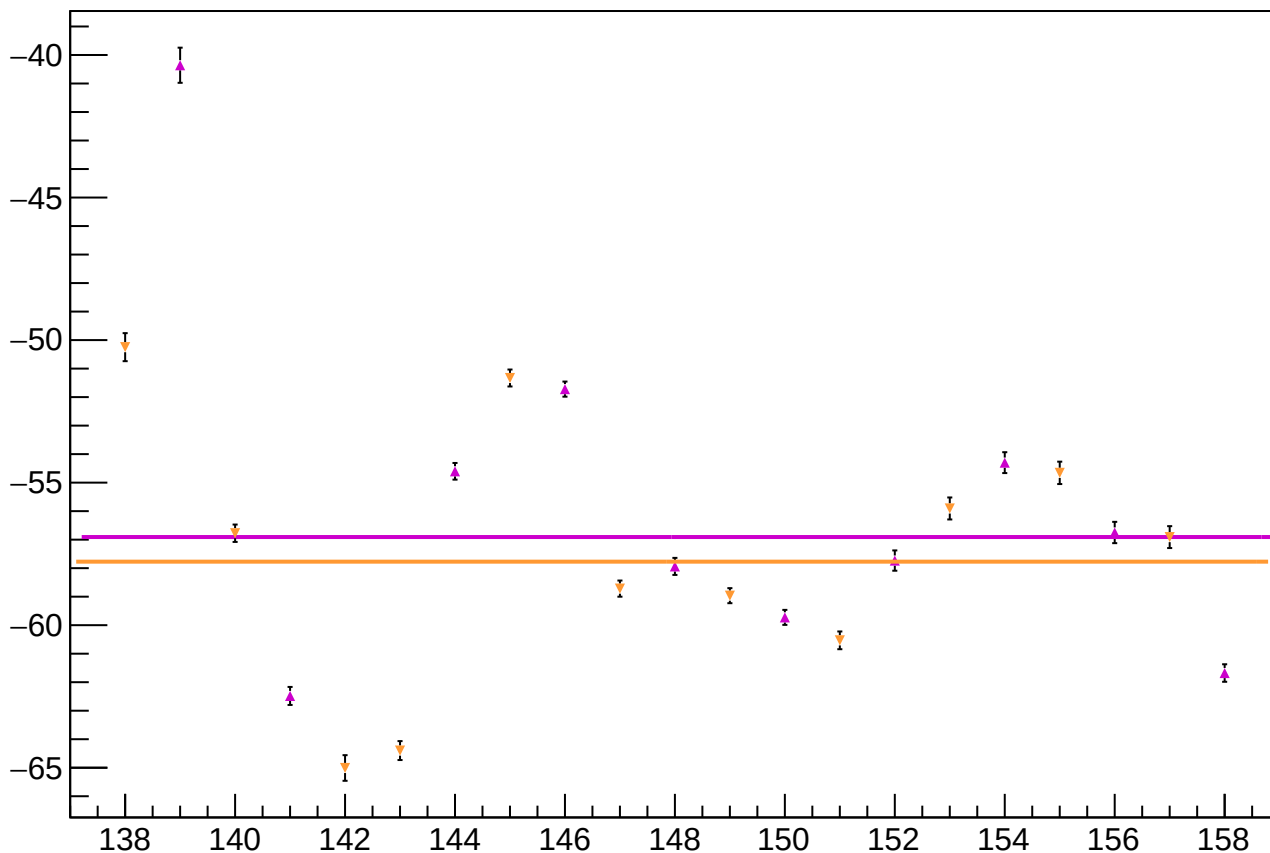
reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9

Left: 10.157 $\pm$ 0.085 χ^2 /NDF: 2903.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 11.174 $\pm$ 0.119 χ^2 /NDF:637.6/9
 Out: 9.114 $\pm$ 0.120 χ^2 /NDF:2118.0/10
 All: 10.157 $\pm$ 0.085 χ^2 /NDF: 2903.6/20

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: -57.772+/-0.101 χ^2/NDF :1574.0/10
 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: -57.340+/-0.072 χ^2/NDF : 3512.4/20

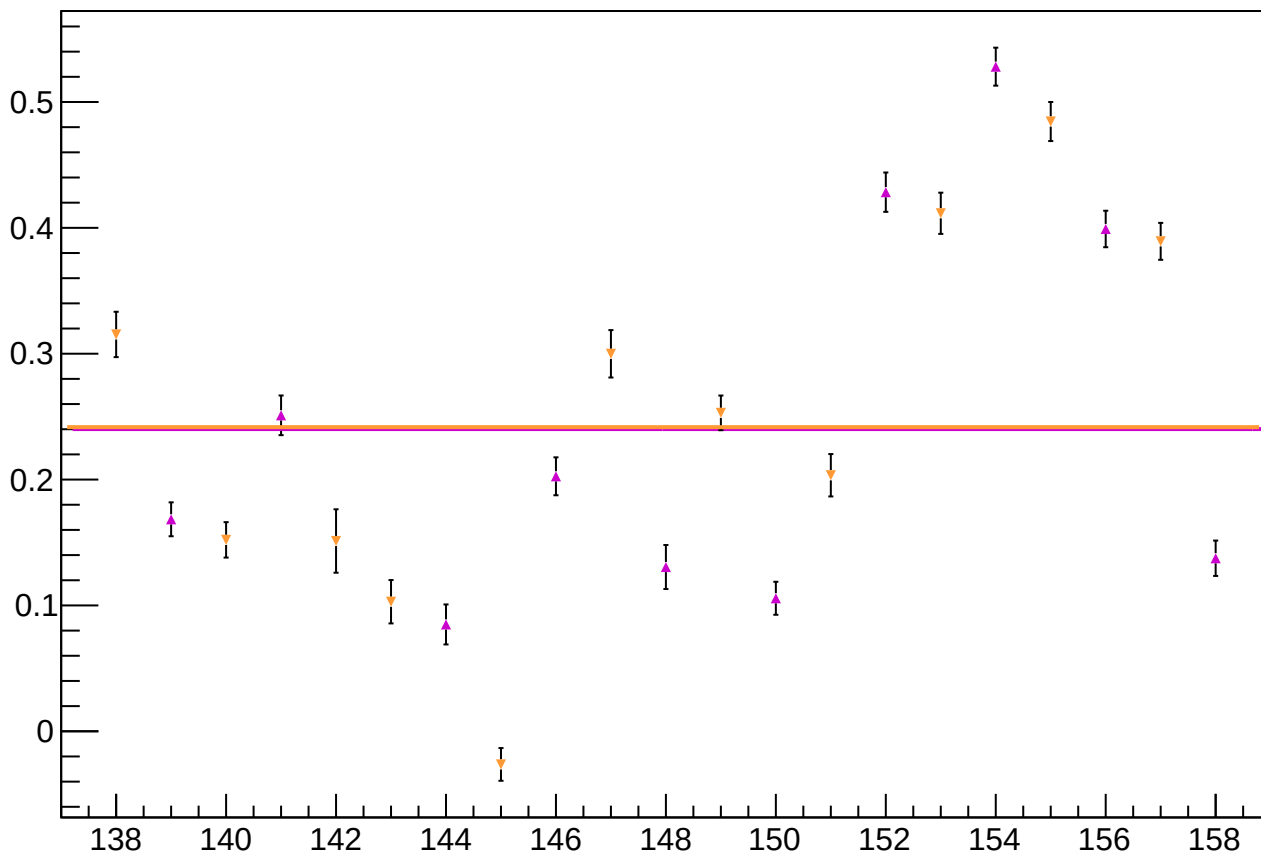
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -56.908+/-0.101 χ^2/NDF :1902.0/9

Out: -57.772+/-0.101 χ^2/NDF :1574.0/10

All: -57.340+/-0.072 χ^2/NDF : 3512.4/20

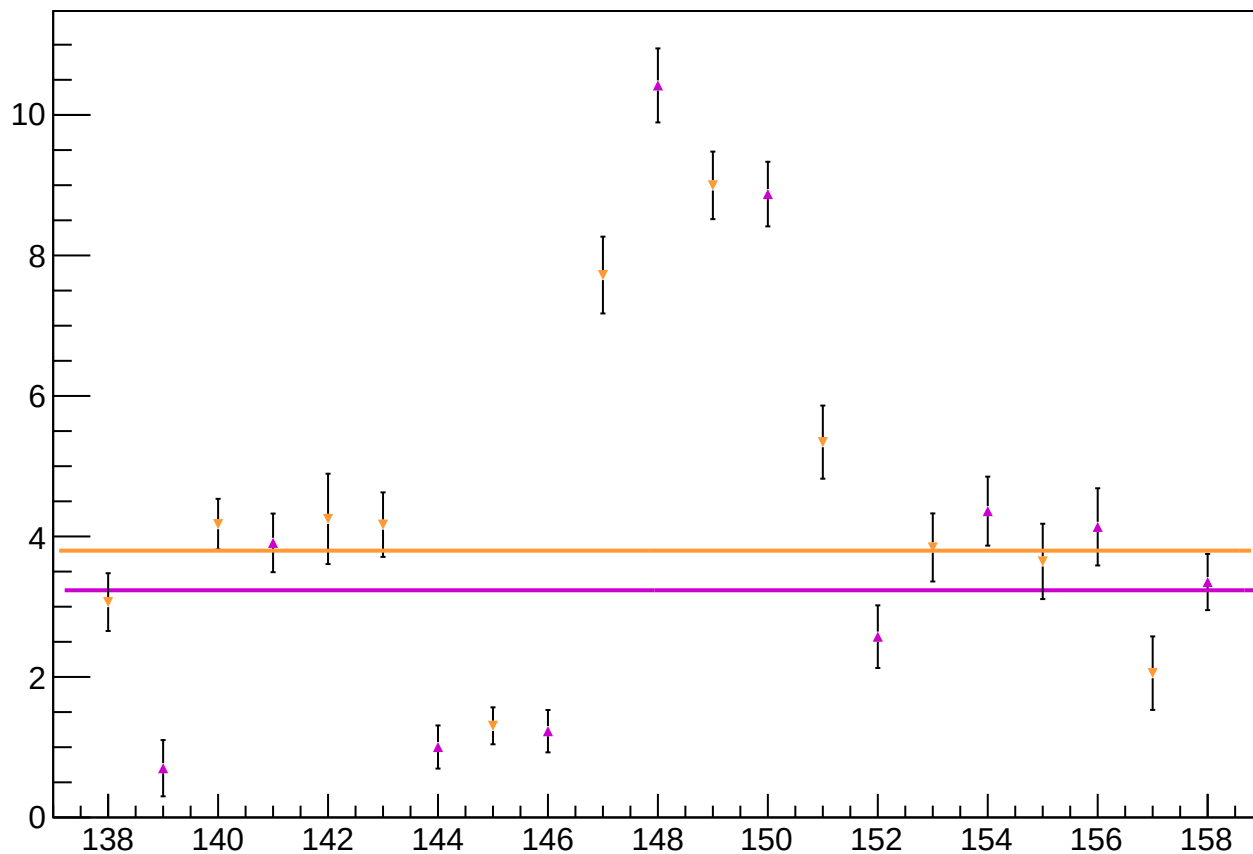
reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9

Left: 0.241 $\pm$ 0.003 χ^2 /NDF: 1986.3/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 0.240 $\pm$ 0.005 χ^2 /NDF:957.9/9
 Out: 0.242 $\pm$ 0.005 χ^2 /NDF:1028.4/10
 All: 0.241 $\pm$ 0.003 χ^2 /NDF: 1986.3/20

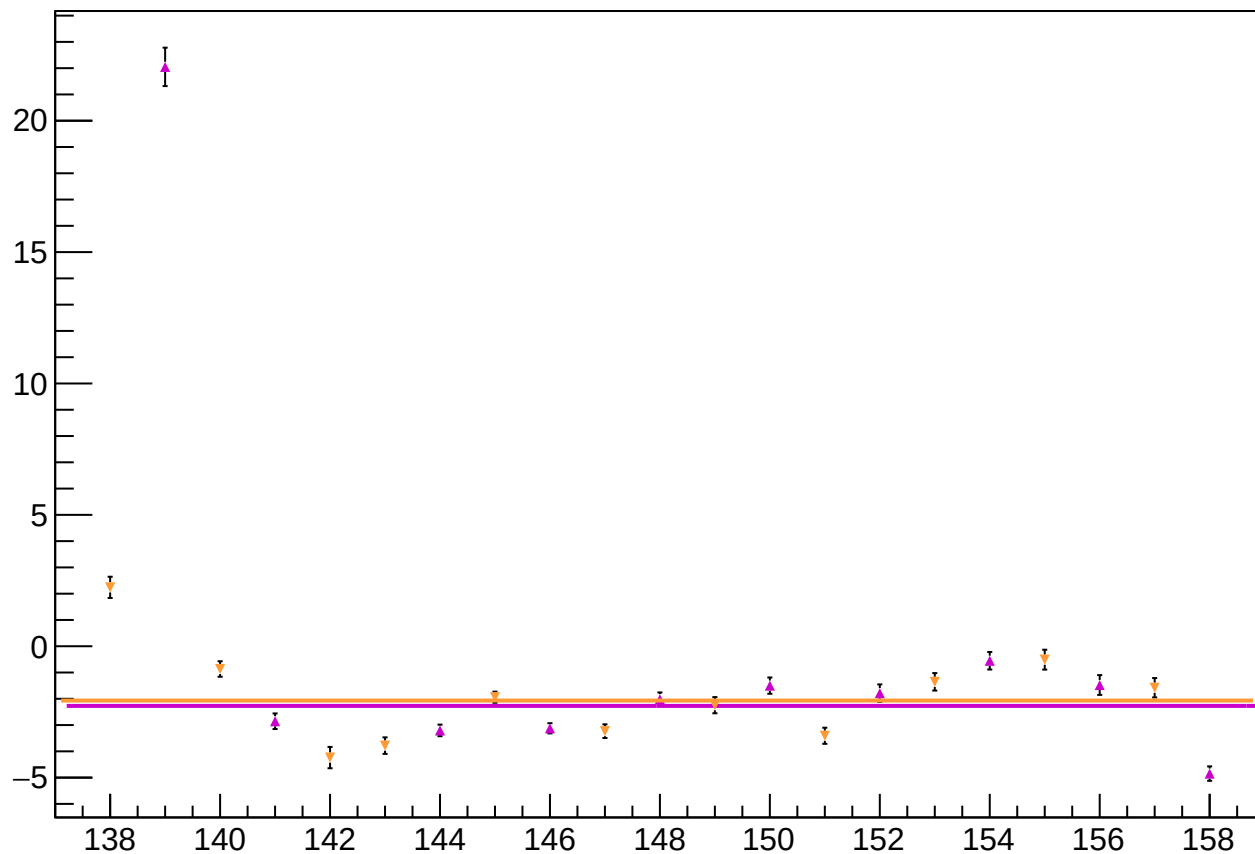
reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 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: 3.510+/-0.092 χ^2/NDF : 779.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 3.234+/-0.128 χ^2/NDF :486.5/9
 Out: 3.798+/-0.131 χ^2/NDF :283.9/10
 All: 3.510+/-0.092 χ^2/NDF : 779.8/20

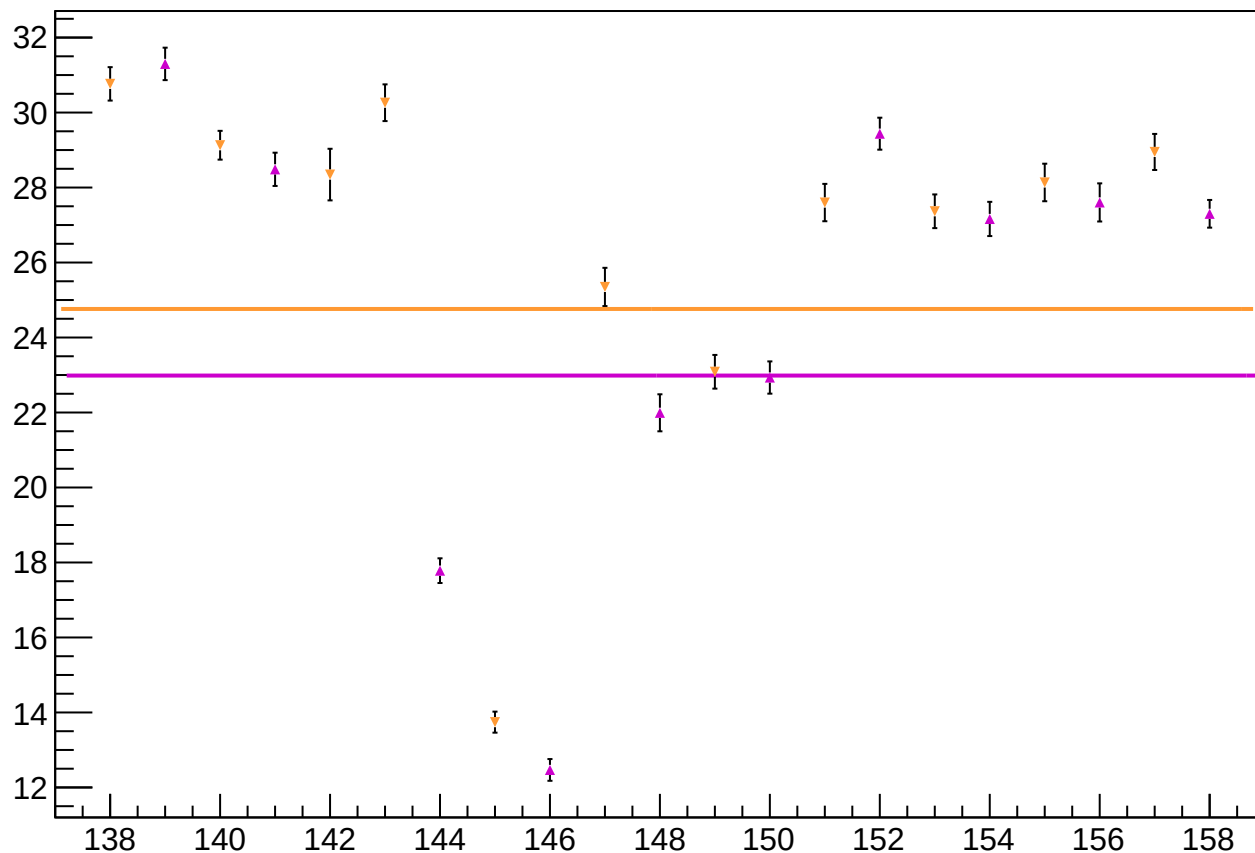
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 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: -2.172+/-0.065 χ^2/NDF : 1530.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -2.271+/-0.090 χ^2/NDF :1276.2/9
 Out: -2.067+/-0.093 χ^2/NDF :251.7/10
 All: -2.172+/-0.065 χ^2/NDF : 1530.3/20

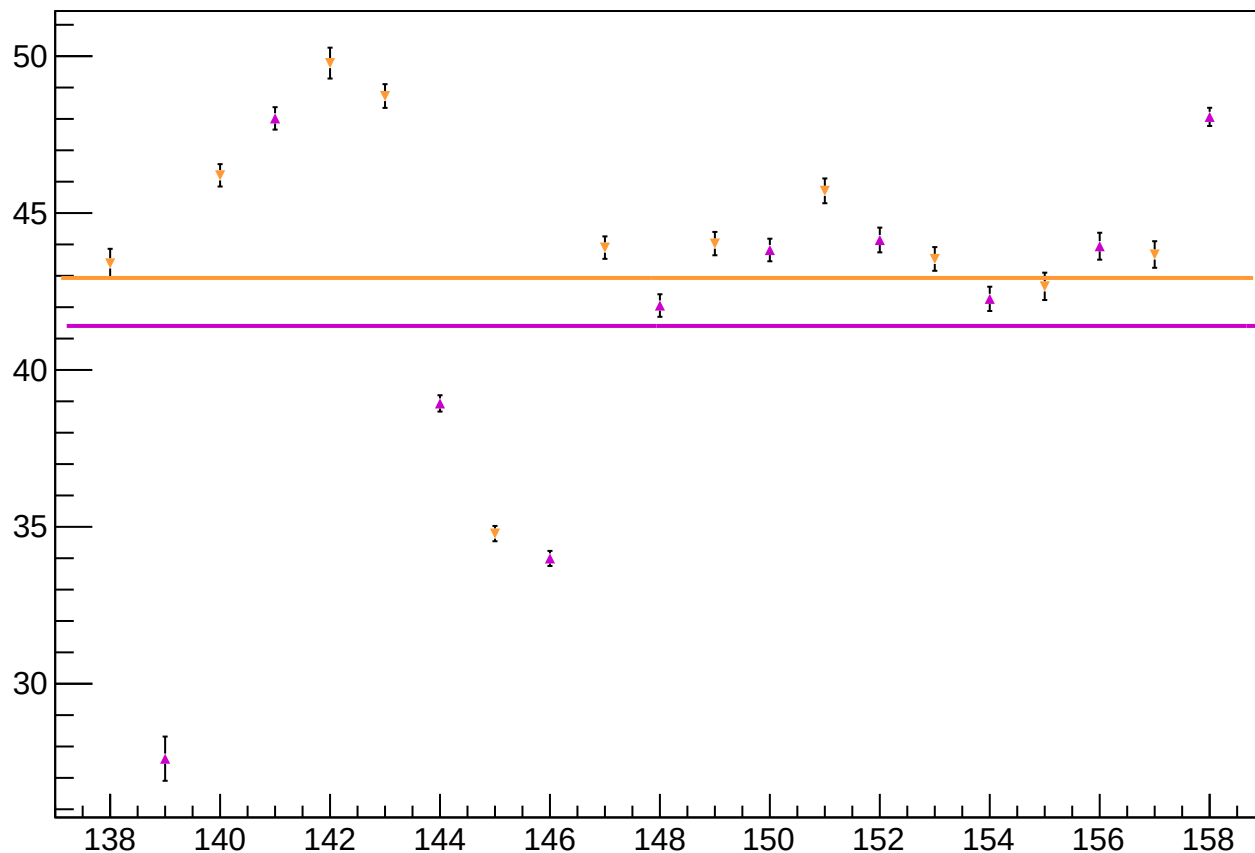
reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 22.985 $\pm$ 0.126 χ^2 /NDF:2622.9/9

Left: 23.832 $\pm$ 0.092 χ^2 /NDF: 4928.5/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 22.985 $\pm$ 0.126 χ^2 /NDF:2622.9/9
 Out: 24.762 $\pm$ 0.133 χ^2 /NDF:2211.6/10
 All: 23.832 $\pm$ 0.092 χ^2 /NDF: 4928.5/20

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

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: 42.131+/-0.077 χ^2/NDF : 4228.2/20

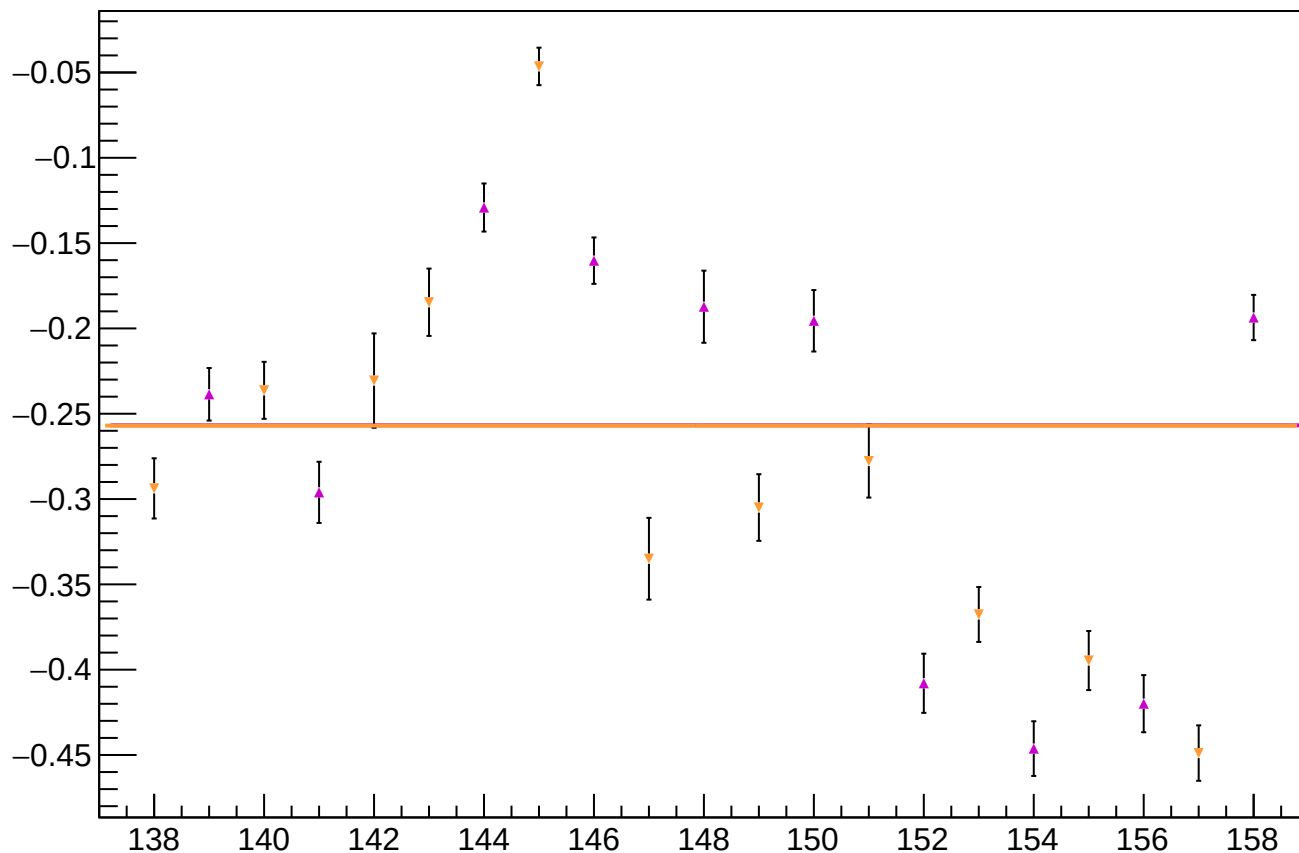
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.403+/-0.107 χ^2/NDF :2430.2/9

Out: 42.932+/-0.112 χ^2/NDF :1700.3/10

All: 42.131+/-0.077 χ^2/NDF : 4228.2/20

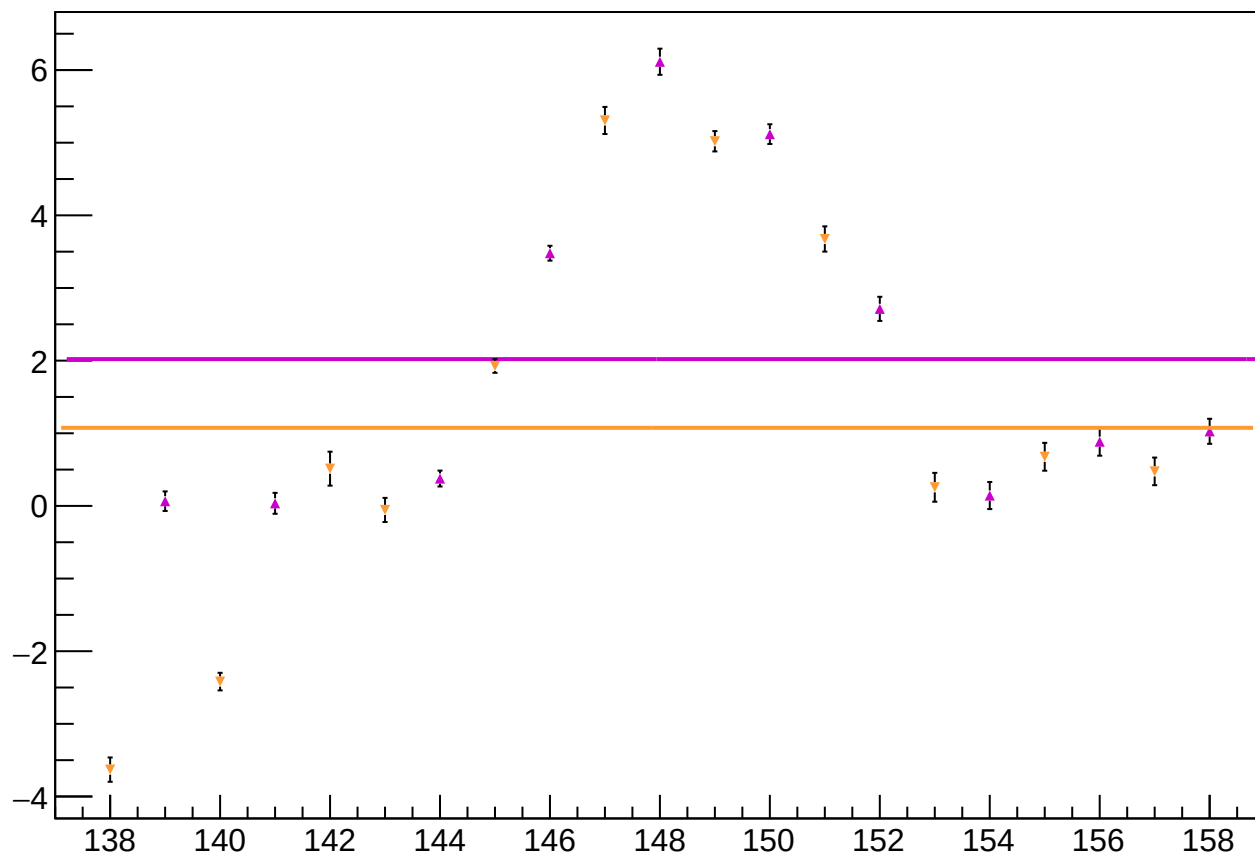
reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 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: -0.257+/-0.004 χ^2/NDF : 1149.6/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.257+/-0.005 χ^2/NDF : 494.4/9
 Out: -0.257+/-0.005 χ^2/NDF : 655.2/10
 All: -0.257+/-0.004 χ^2/NDF : 1149.6/20

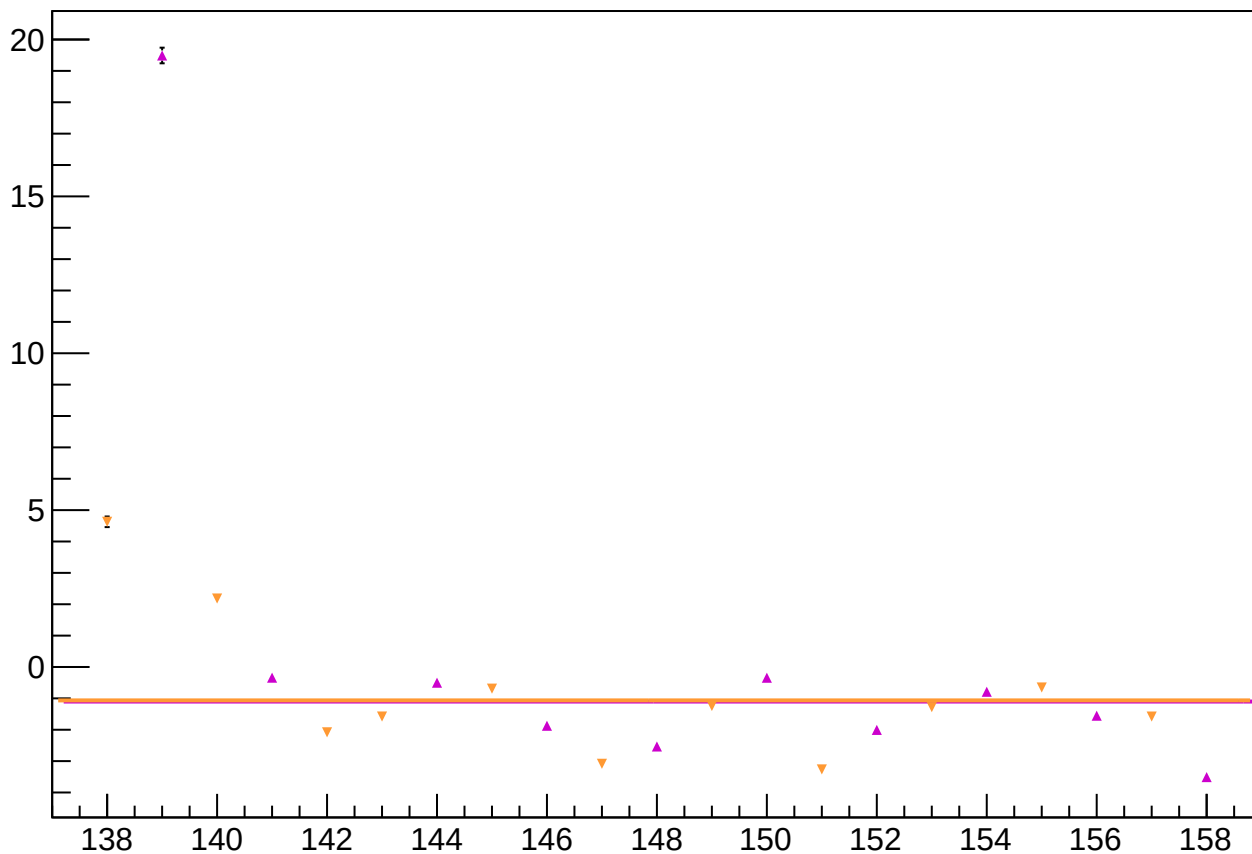
reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 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: 1.562+/-0.032 χ^2/NDF : 5585.0/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 2.021+/-0.045 χ^2/NDF :2052.5/9
 Out: 1.075+/-0.046 χ^2/NDF :3318.6/10
 All: 1.562+/-0.032 χ^2/NDF : 5585.0/20

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



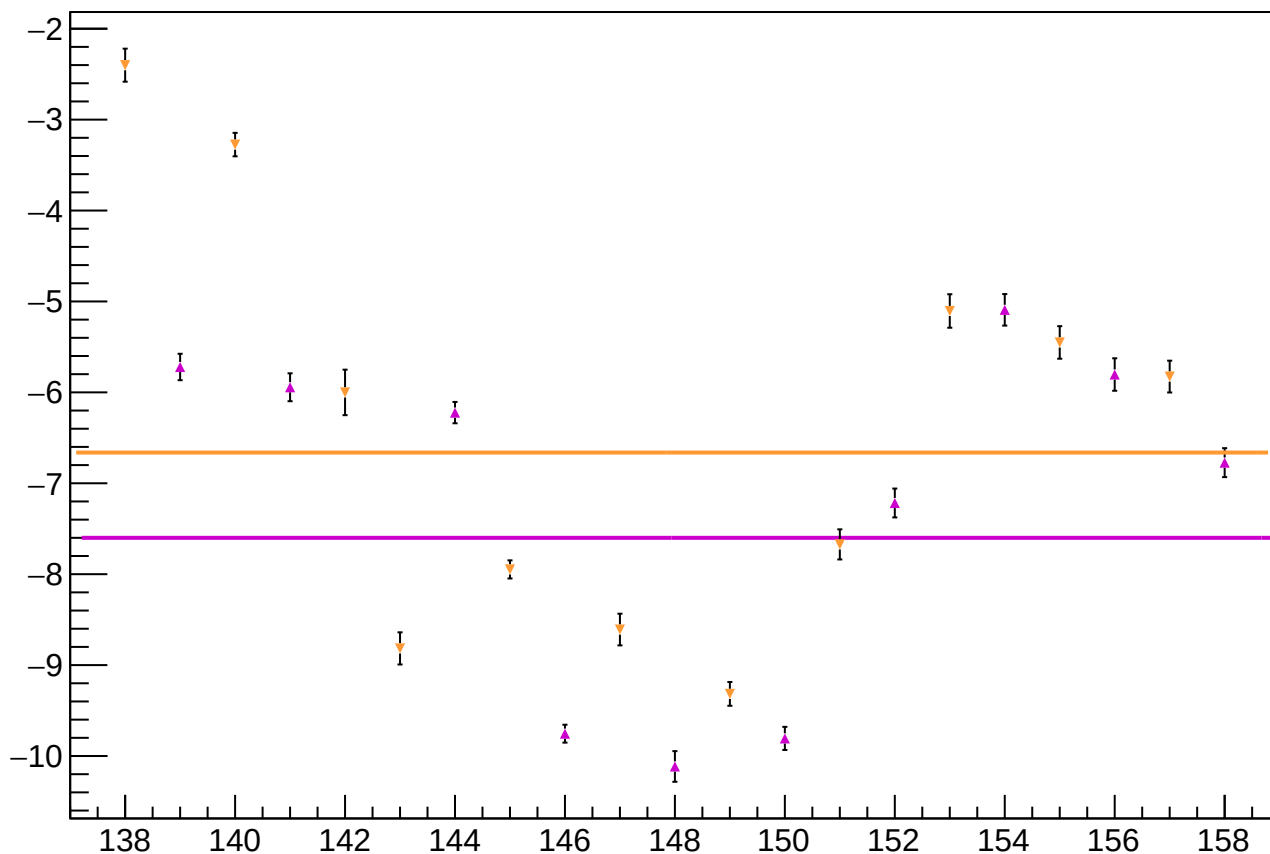
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -1.101+/-0.032 χ^2/NDF : 7886.2/9

Left: -1.084+/-0.023 χ^2/NDF : 11160.8/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -1.101+/-0.032 χ^2/NDF : 7886.2/9
 Out: -1.065+/-0.033 χ^2/NDF : 3274.1/10

All: -1.084+/-0.023 χ^2/NDF : 11160.8/20

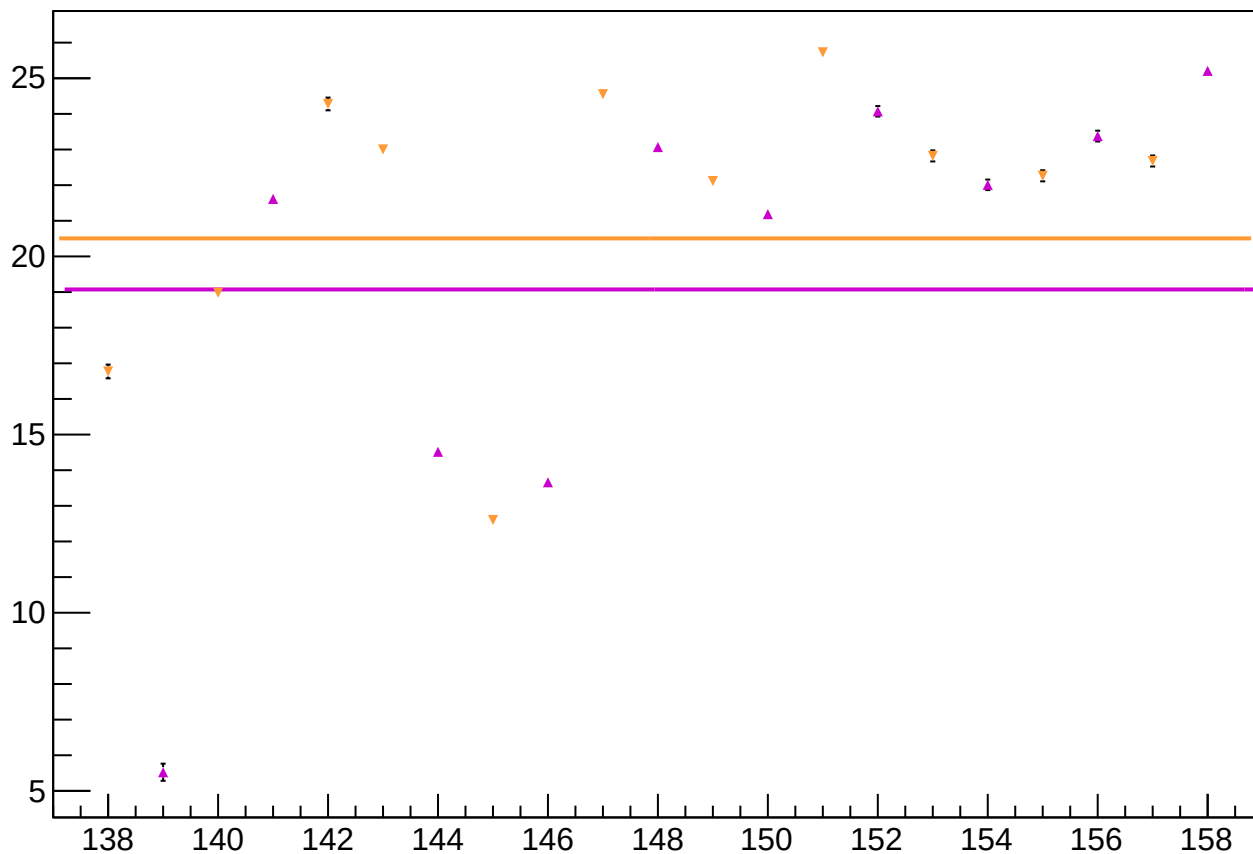
reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -7.600+/-0.044 χ^2/NDF :1766.8/9

Left: -7.153+/-0.032 χ^2/NDF : 4253.4/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -7.600+/-0.044 χ^2/NDF :1766.8/9
 Out: -6.662+/-0.047 χ^2/NDF :2274.5/10
 All: -7.153+/-0.032 χ^2/NDF : 4253.4/20

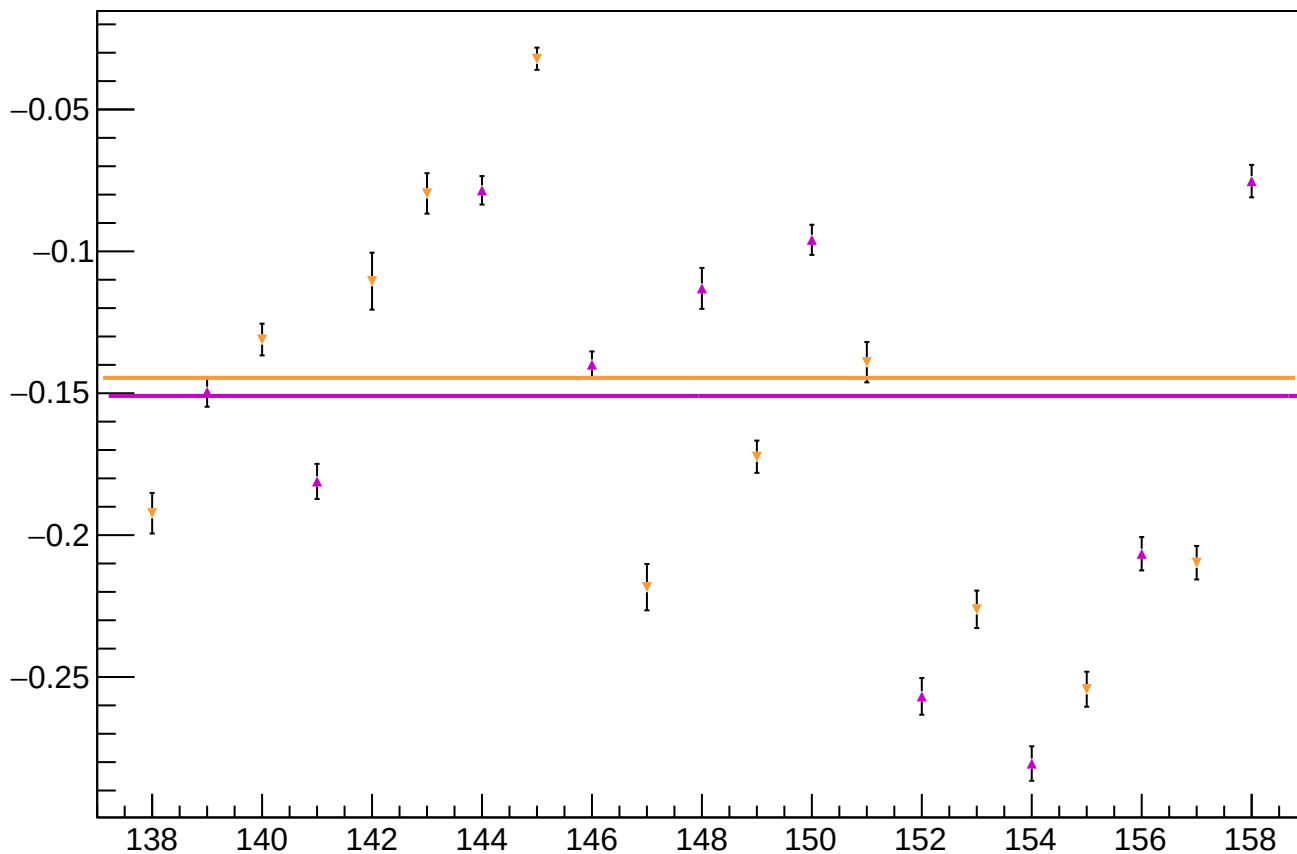
reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 19.073 $\pm$ 0.038 χ^2 /NDF:16532.7/9

Left: 19.759 $\pm$ 0.027 χ^2 /NDF: 29984.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 19.073 $\pm$ 0.038 χ^2 /NDF:16532.7/9
 Out: 20.506 $\pm$ 0.039 χ^2 /NDF:12764.0/10
 All: 19.759 $\pm$ 0.027 χ^2 /NDF: 29984.6/20

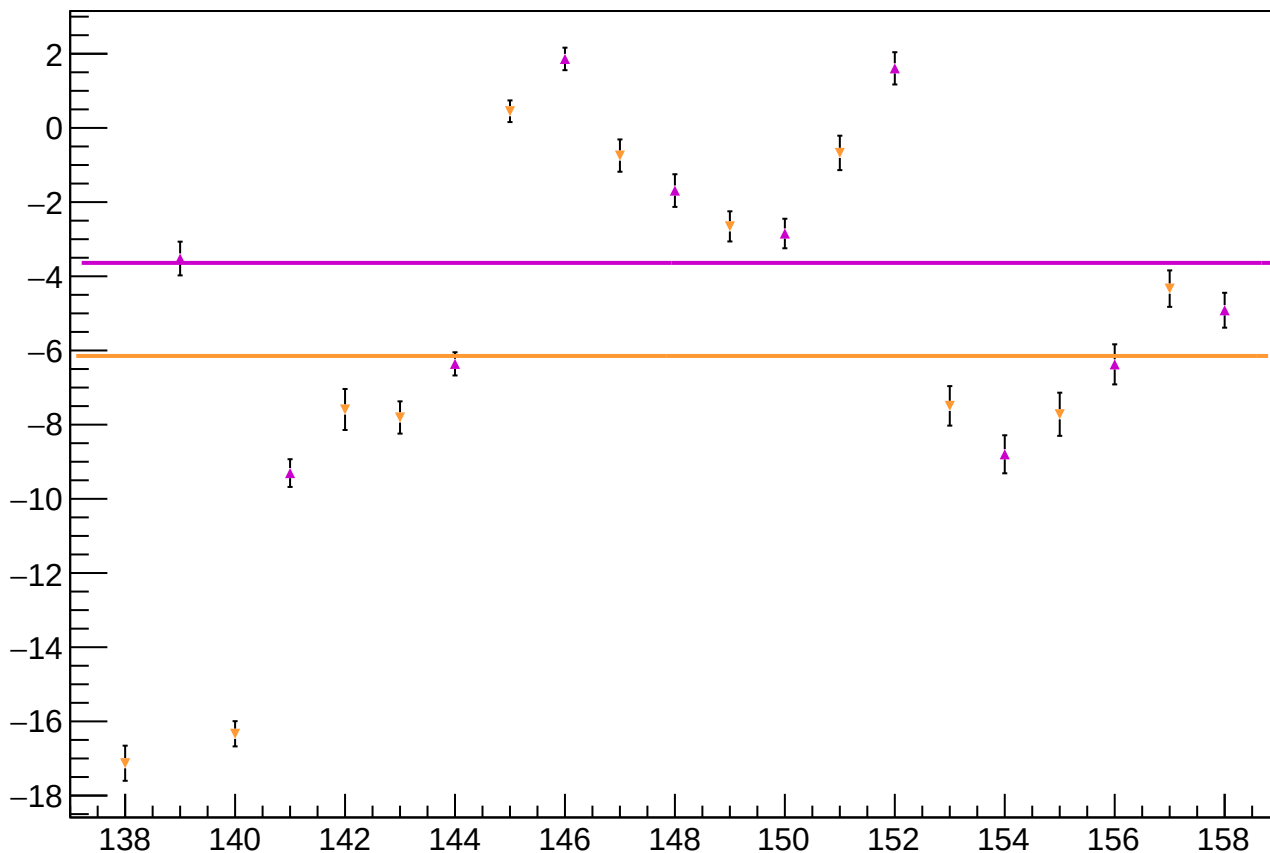
reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 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: -0.148+/-0.001 χ^2/NDF : 3035.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: -0.151+/-0.002 χ^2/NDF :1358.9/9
 Out: -0.145+/-0.002 χ^2/NDF :1670.3/10
 All: -0.148+/-0.001 χ^2/NDF : 3035.3/20

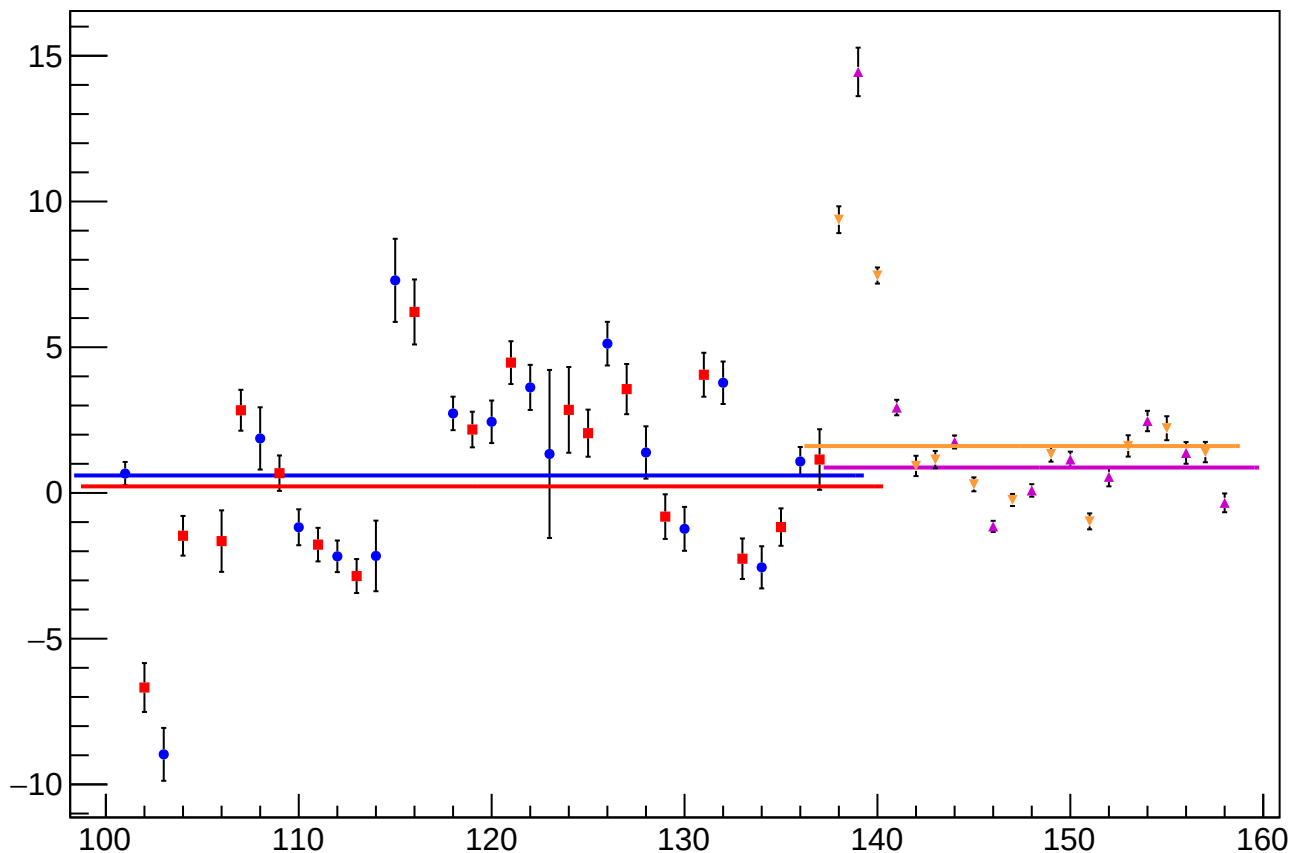
reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: -6.148 $\pm$ 0.129 χ^2 /NDF:2361.3/10
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: -3.639 $\pm$ 0.127 χ^2 /NDF:937.0/9

Left: -4.877 $\pm$ 0.091 χ^2 /NDF: 3489.6/20
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: -3.639 $\pm$ 0.127 χ^2 /NDF:937.0/9
 Out: -6.148 $\pm$ 0.129 χ^2 /NDF:2361.3/10
 All: -4.877 $\pm$ 0.091 χ^2 /NDF: 3489.6/20

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.600 ± 0.169 $\chi^2/\text{NDF}: 291.9/16$

Left Out: 1.608 ± 0.088 $\chi^2/\text{NDF}: 943.3/10$

Right Out: 0.225 ± 0.175 $\chi^2/\text{NDF}: 273.2/17$

Left In: 0.872 ± 0.087 $\chi^2/\text{NDF}: 506.1/9$

Left: 1.233 ± 0.062 $\chi^2/\text{NDF}: 1484.8/20$

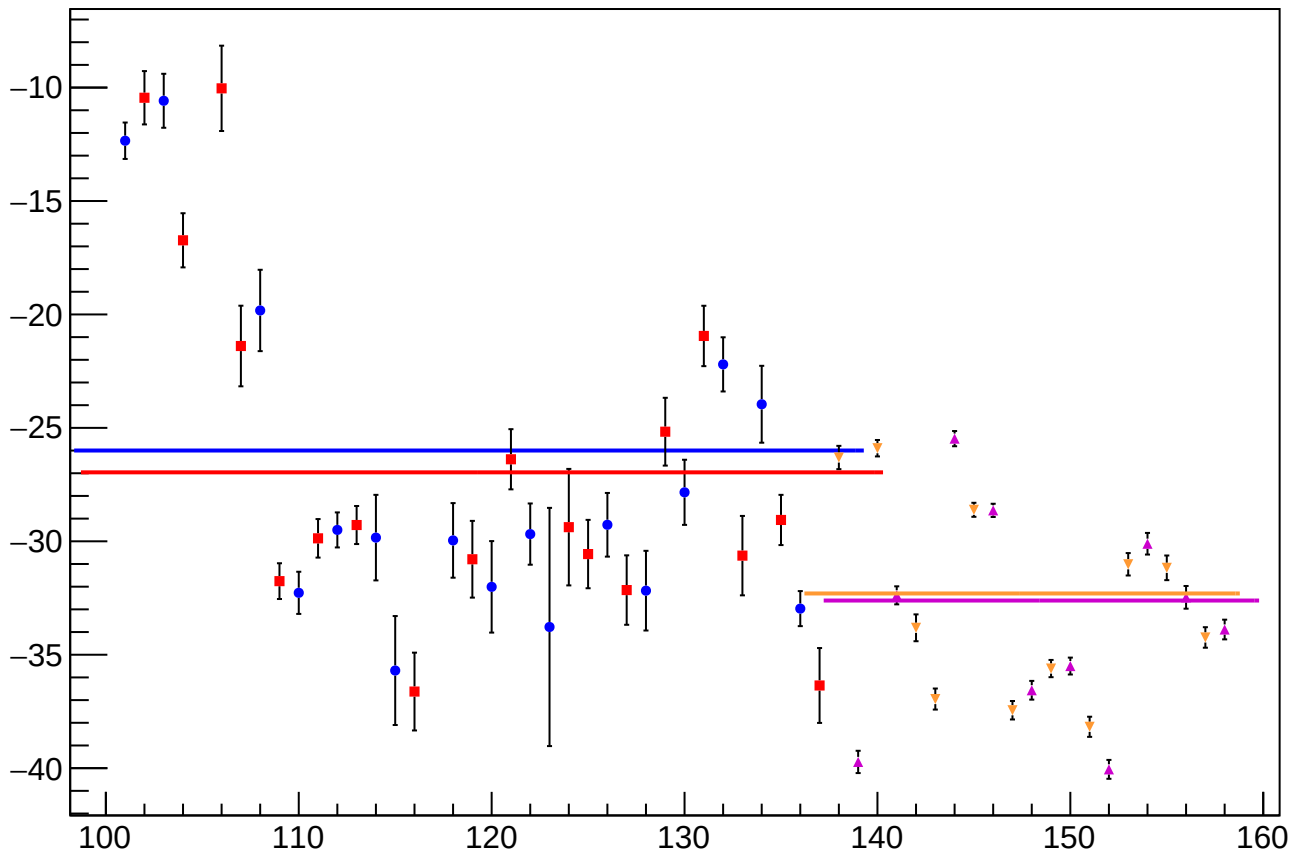
Right: 0.418 ± 0.122 $\chi^2/\text{NDF}: 567.5/34$

In: 0.816 ± 0.077 $\chi^2/\text{NDF}: 800.1/26$

Out: 1.326 ± 0.079 $\chi^2/\text{NDF}: 1266.3/28$

All: 1.065 ± 0.055 $\chi^2/\text{NDF}: 2087.9/55$

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: -32.299 ± 0.129 χ^2/NDF : 1139.2/10

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: -32.460 ± 0.090 χ^2/NDF : 2498.8/20

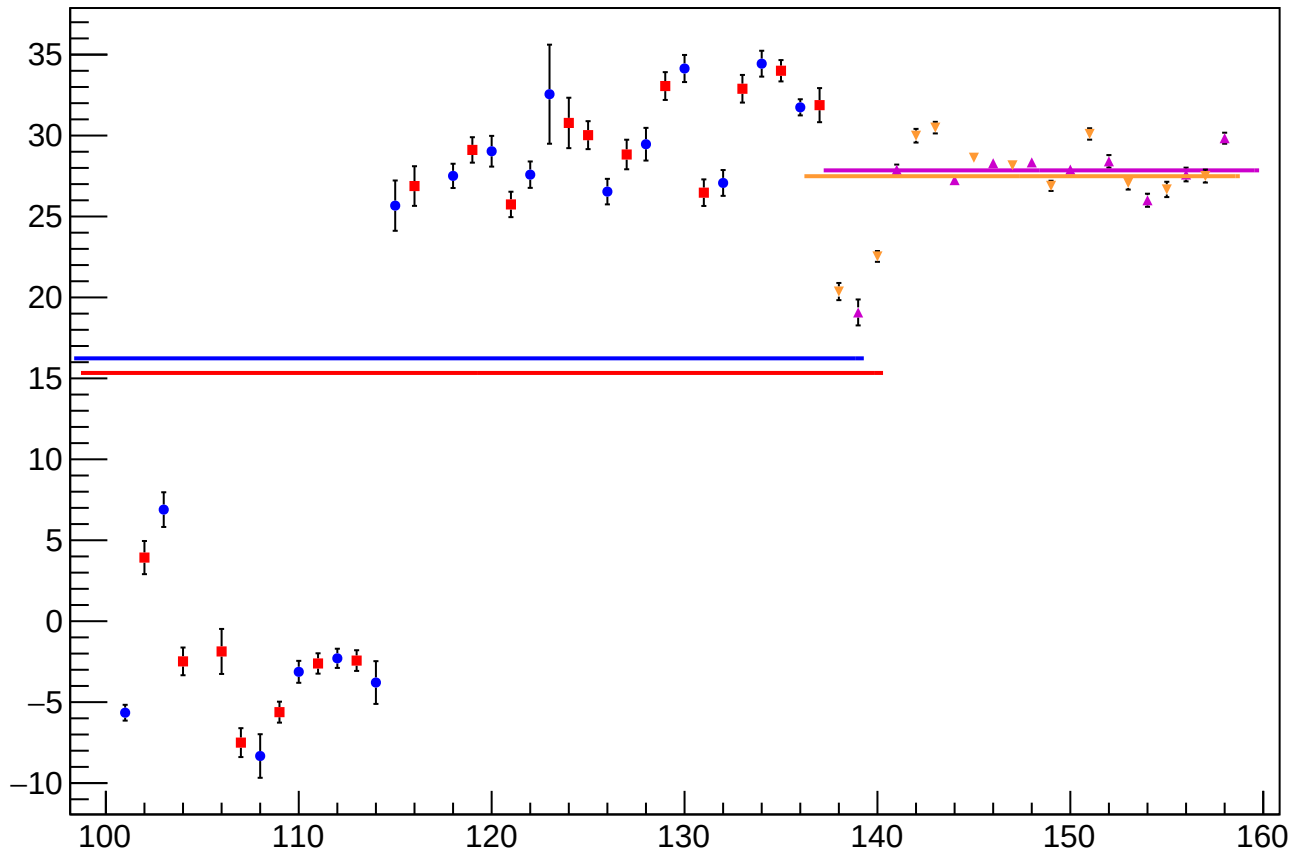
Right: -26.482 ± 0.212 χ^2/NDF : 1233.2/34

In: -31.629 ± 0.116 χ^2/NDF : 2462.6/26

Out: -31.455 ± 0.119 χ^2/NDF : 1944.3/28

All: -31.544 ± 0.083 χ^2/NDF : 4408.1/55

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: 27.489 $\pm$ 0.108 χ^2 /NDF: 591.1/10

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: 27.675 $\pm$ 0.075 χ^2 /NDF: 785.5/20

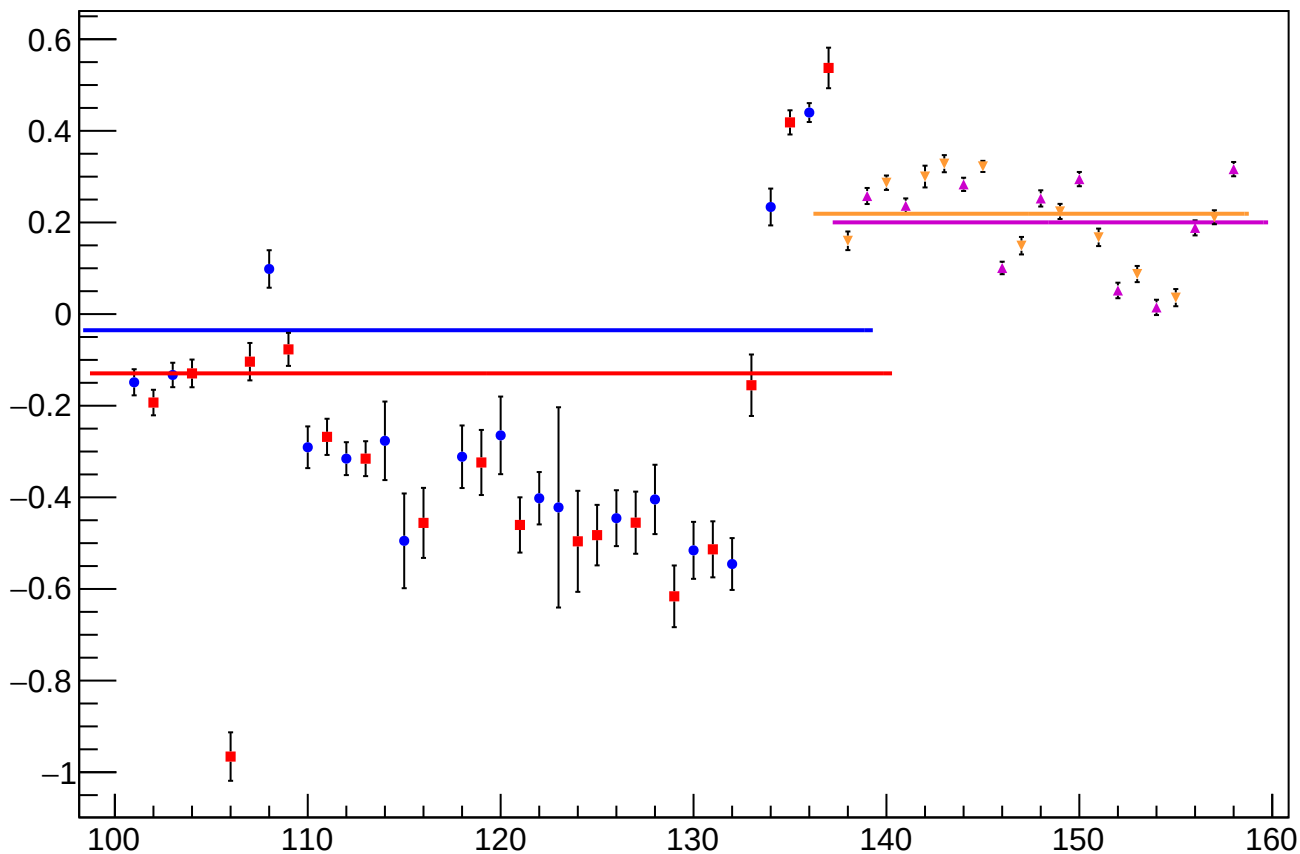
Right: 15.800 $\pm$ 0.137 χ^2 /NDF: 14850.4/34

In: 25.183 $\pm$ 0.092 χ^2 /NDF: 10604.9/26

Out: 24.693 $\pm$ 0.095 χ^2 /NDF: 10776.9/28

All: 24.946 $\pm$ 0.066 χ^2 /NDF: 21395.6/55

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: 0.219+/-0.005 χ^2/NDF :316.9/10

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: 0.209+/-0.004 χ^2/NDF : 726.9/20

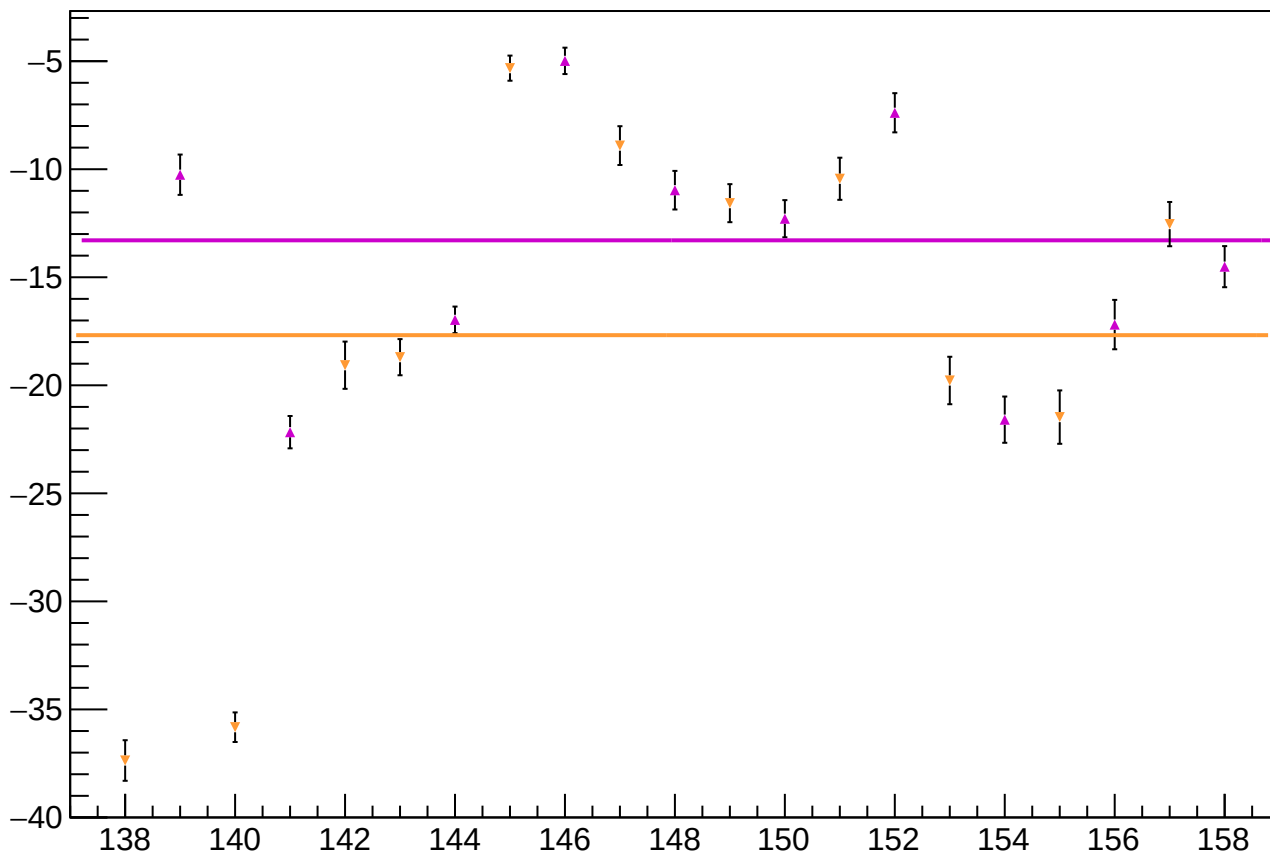
Right: -0.082+/-0.007 χ^2/NDF : 2216.5/34

In: 0.155+/-0.005 χ^2/NDF :1836.9/26

Out: 0.150+/-0.005 χ^2/NDF :2379.6/28

All: 0.152+/-0.003 χ^2/NDF : 4217.2/55

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



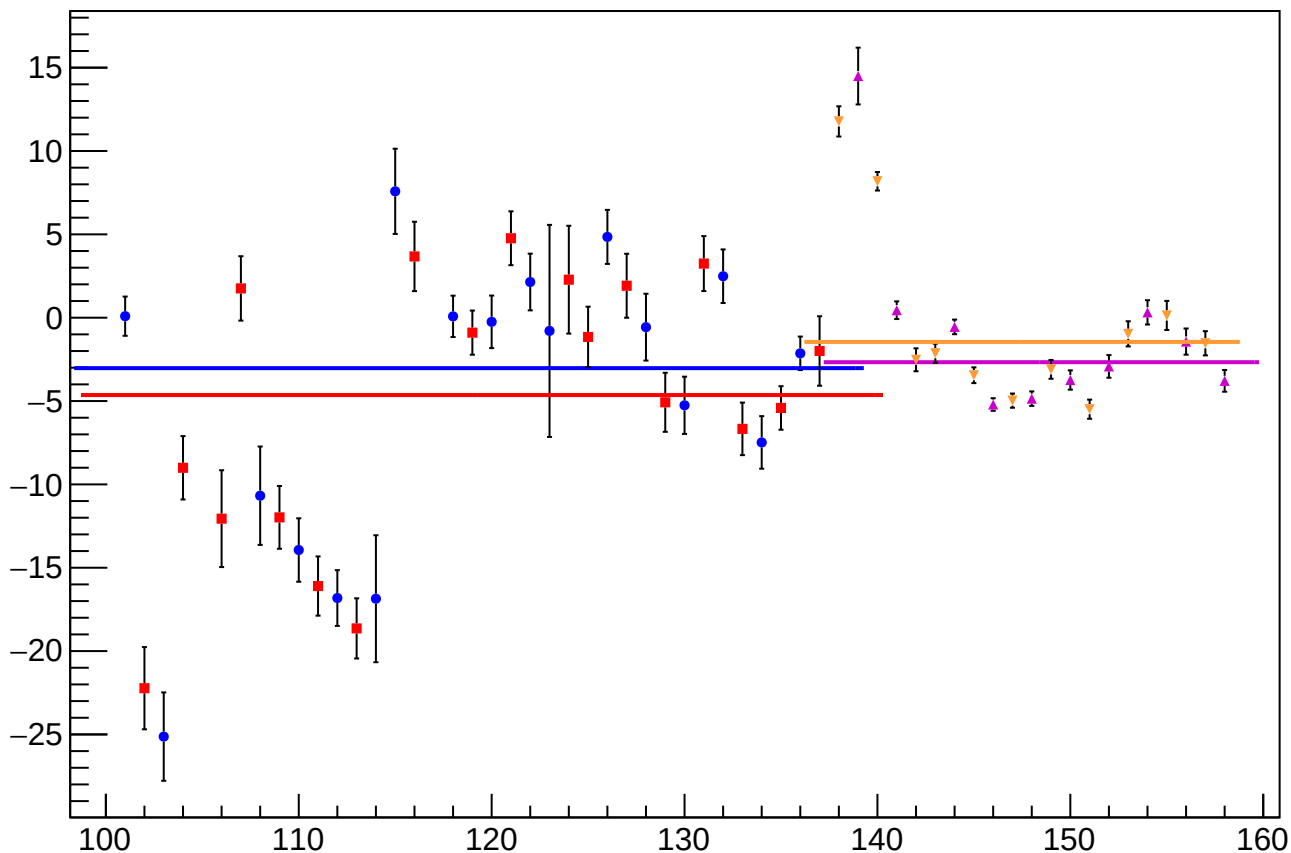
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -17.680+/-0.263 χ^2/NDF :1832.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -13.291+/-0.260 χ^2/NDF :496.2/9

Left: -15.461+/-0.185 χ^2/NDF : 2470.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -13.291+/-0.260 χ^2/NDF :496.2/9
 Out: -17.680+/-0.263 χ^2/NDF :1832.8/10

All: -15.461+/-0.185 χ^2/NDF : 2470.3/20

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.025 ± 0.408 $\chi^2/\text{NDF}: 280.6/16$

Left Out: -1.453 ± 0.180 $\chi^2/\text{NDF}: 666.1/10$

Right Out: -4.640 ± 0.427 $\chi^2/\text{NDF}: 294.9/17$

Left In: -2.670 ± 0.176 $\chi^2/\text{NDF}: 256.0/9$

Left: -2.078 ± 0.126 $\chi^2/\text{NDF}: 945.5/20$

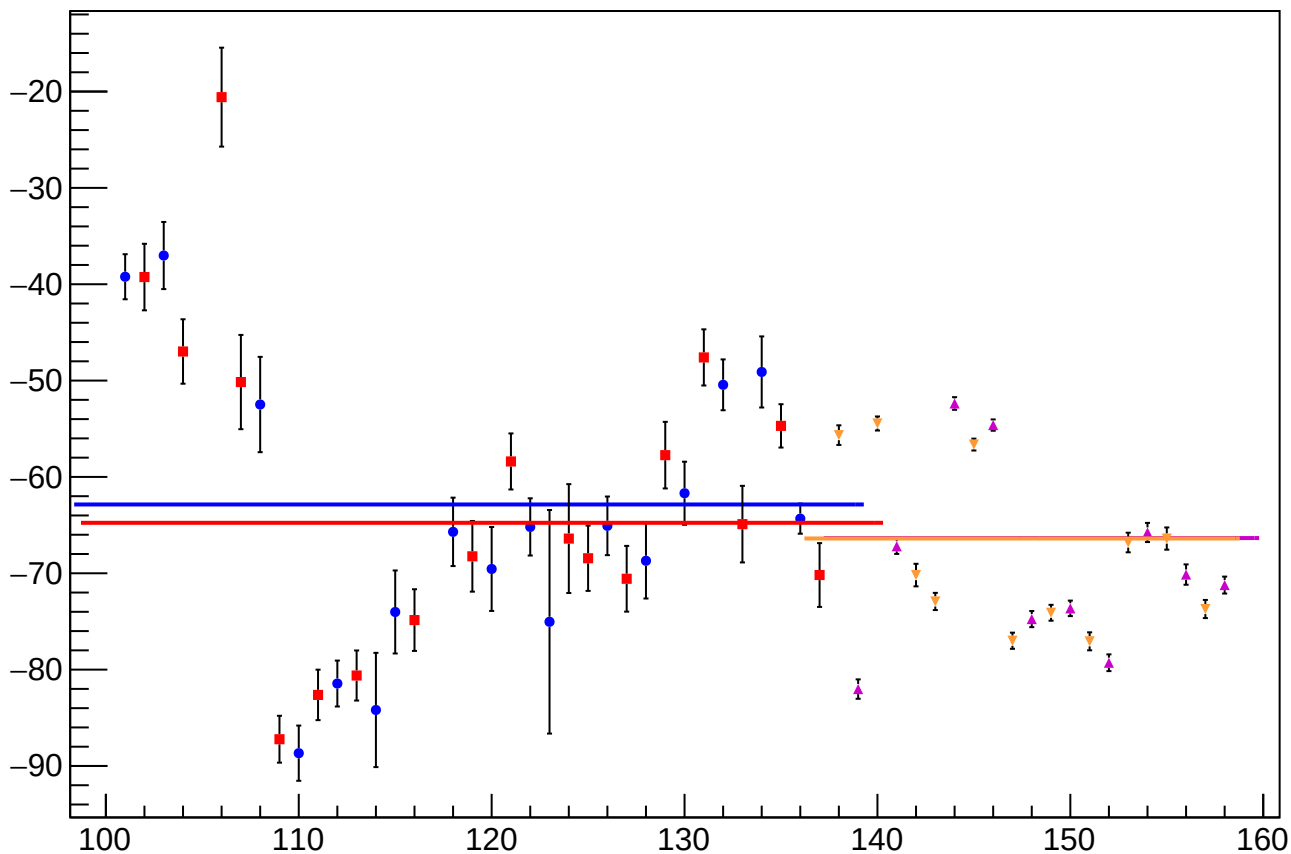
Right: -3.797 ± 0.295 $\chi^2/\text{NDF}: 583.0/34$

In: -2.726 ± 0.161 $\chi^2/\text{NDF}: 537.3/26$

Out: -1.936 ± 0.166 $\chi^2/\text{NDF}: 1008.3/28$

All: -2.342 ± 0.116 $\chi^2/\text{NDF}: 1557.2/55$

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: -66.386 ± 0.264 χ^2/NDF : 1132.1/10

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: -66.365 ± 0.184 χ^2/NDF : 2674.9/20

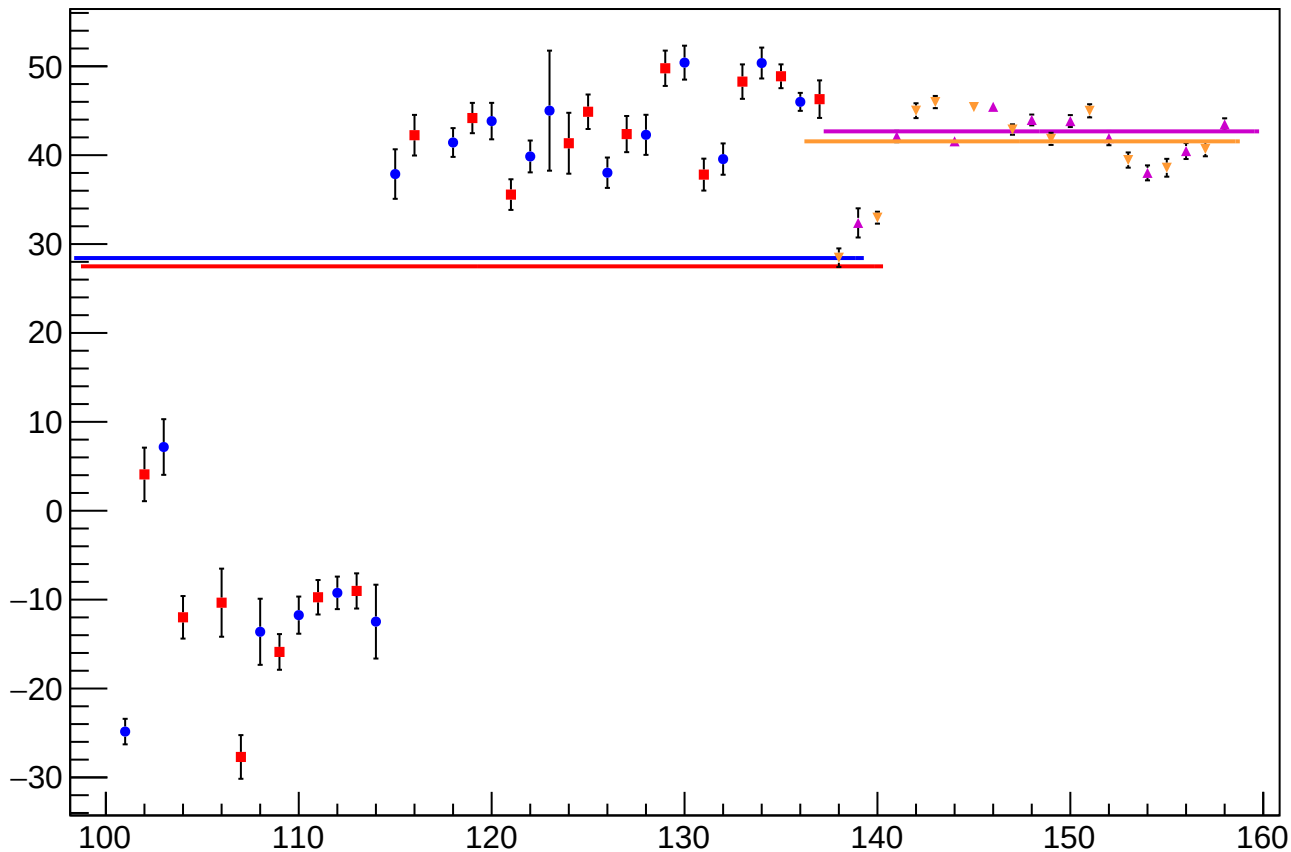
Right: -63.792 ± 0.527 χ^2/NDF : 787.1/34

In: -65.971 ± 0.242 χ^2/NDF : 1930.4/26

Out: -66.208 ± 0.249 χ^2/NDF : 1552.4/28

All: -66.086 ± 0.173 χ^2/NDF : 3483.2/55

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.426 ± 0.458 $\chi^2/\text{NDF}: 3322.4/16$

Left Out: 41.554 ± 0.220 $\chi^2/\text{NDF}: 470.6/10$

Right Out: 27.493 ± 0.479 $\chi^2/\text{NDF}: 3027.8/17$

Left In: 42.677 ± 0.212 $\chi^2/\text{NDF}: 125.0/9$

Left: 42.135 ± 0.153 $\chi^2/\text{NDF}: 609.0/20$

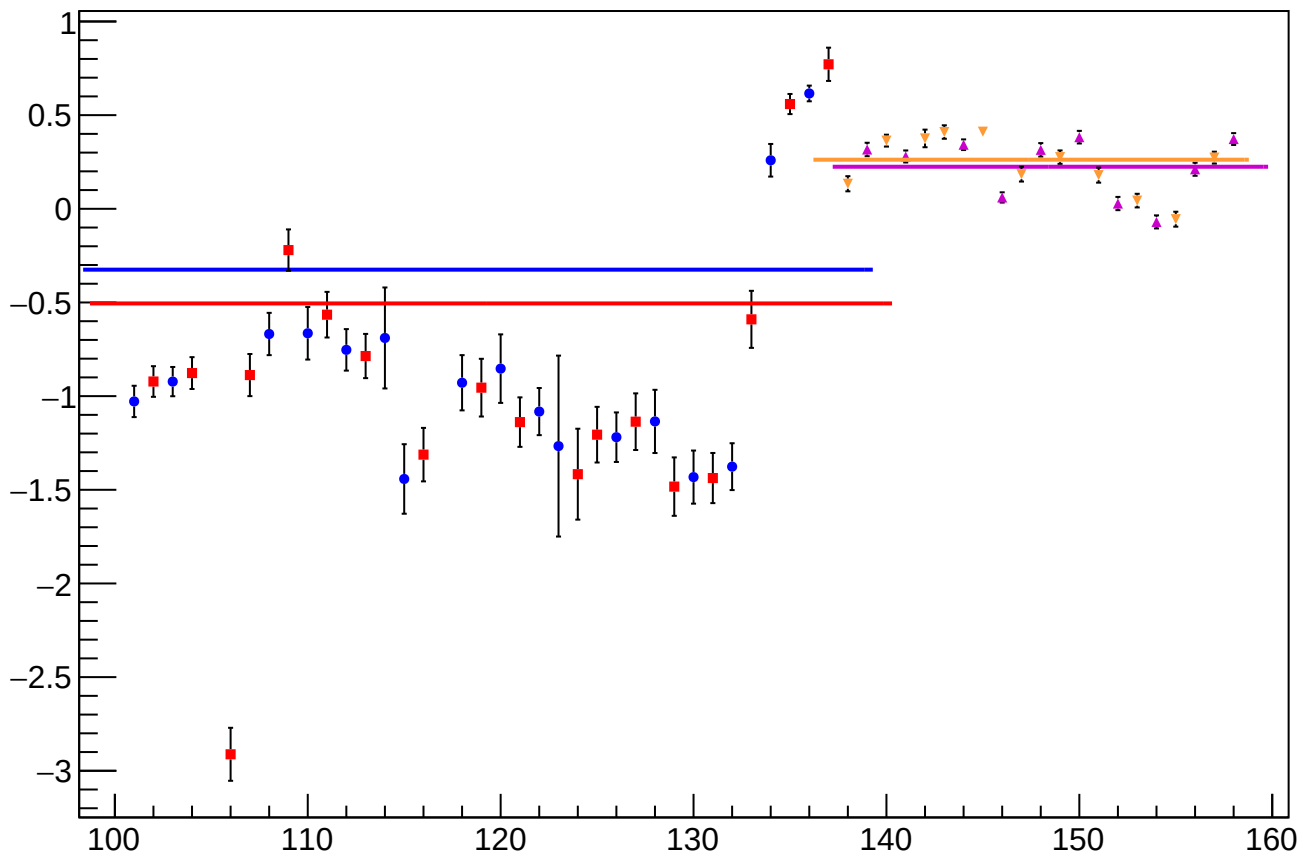
Right: 27.980 ± 0.331 $\chi^2/\text{NDF}: 6352.1/34$

In: 40.155 ± 0.193 $\chi^2/\text{NDF}: 4244.9/26$

Out: 39.108 ± 0.200 $\chi^2/\text{NDF}: 4211.0/28$

All: 39.650 ± 0.139 $\chi^2/\text{NDF}: 8470.1/55$

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 ± 0.011 χ^2/NDF : 188.9/10

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: 0.243 ± 0.007 χ^2/NDF : 410.1/20

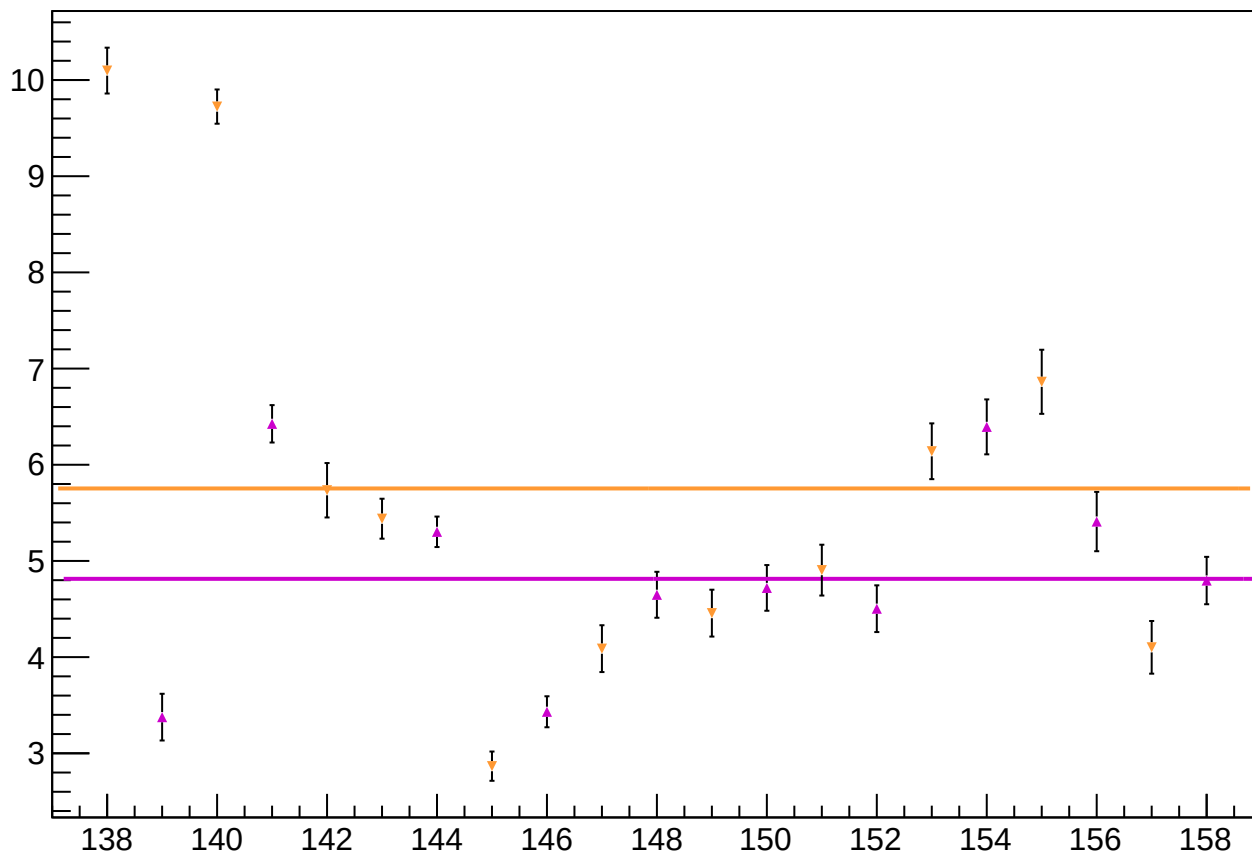
Right: -0.412 ± 0.018 χ^2/NDF : 2200.3/34

In: 0.144 ± 0.010 χ^2/NDF : 1641.6/26

Out: 0.152 ± 0.010 χ^2/NDF : 2111.3/28

All: 0.148 ± 0.007 χ^2/NDF : 3753.1/55

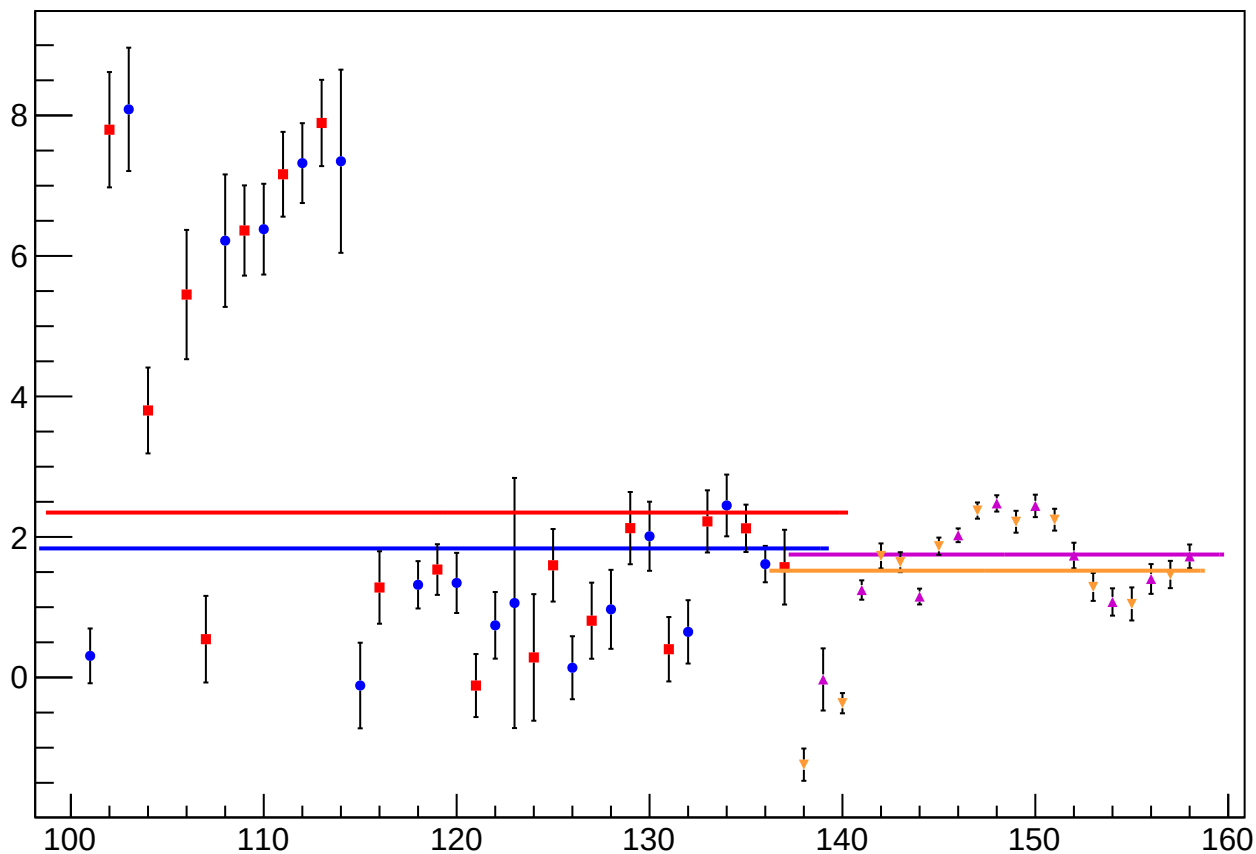
reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 4.814+/-0.068 χ^2/NDF :223.5/9

Left: 5.280+/-0.049 χ^2/NDF : 1643.7/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 4.814+/-0.068 χ^2/NDF :223.5/9
 Out: 5.753+/-0.069 χ^2/NDF :1326.8/10
 All: 5.280+/-0.049 χ^2/NDF : 1643.7/20

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: 1.520 ± 0.048 χ^2/NDF : 428.2/10

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: 1.638 ± 0.033 χ^2/NDF : 578.6/20

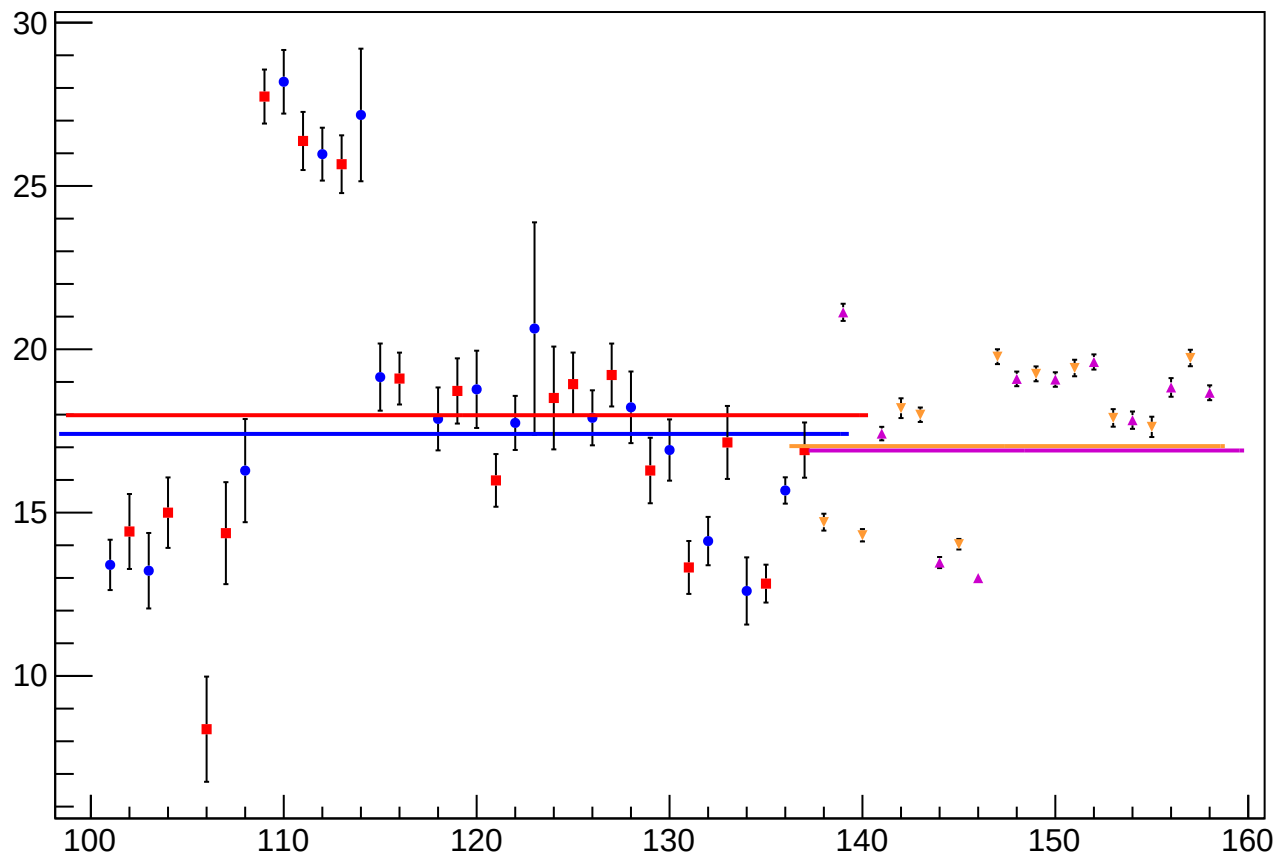
Right: 2.078 ± 0.084 χ^2/NDF : 633.0/34

In: 1.761 ± 0.043 χ^2/NDF : 433.0/26

Out: 1.628 ± 0.044 χ^2/NDF : 797.6/28

All: 1.697 ± 0.031 χ^2/NDF : 1235.2/55

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: 17.036 $\pm$ 0.070 χ^2 /NDF:1124.4/10

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: 16.967 $\pm$ 0.048 χ^2 /NDF: 2884.5/20

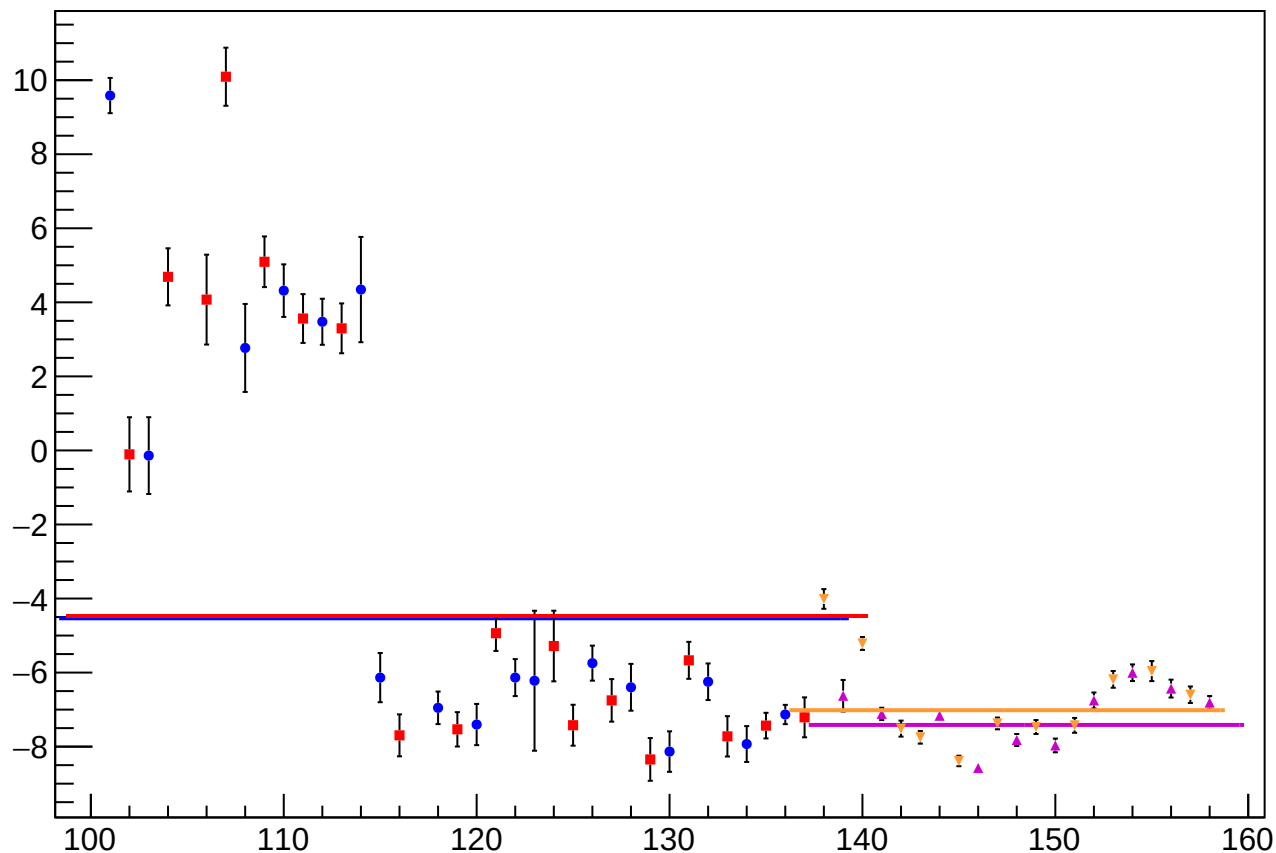
Right: 17.686 $\pm$ 0.152 χ^2 /NDF: 859.3/34

In: 16.949 $\pm$ 0.064 χ^2 /NDF:2128.5/26

Out: 17.122 $\pm$ 0.066 χ^2 /NDF:1632.0/28

All: 17.033 $\pm$ 0.046 χ^2 /NDF: 3764.0/55

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: -7.016 ± 0.058 χ^2/NDF : 398.8/10

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: -7.222 ± 0.040 χ^2/NDF : 612.8/20

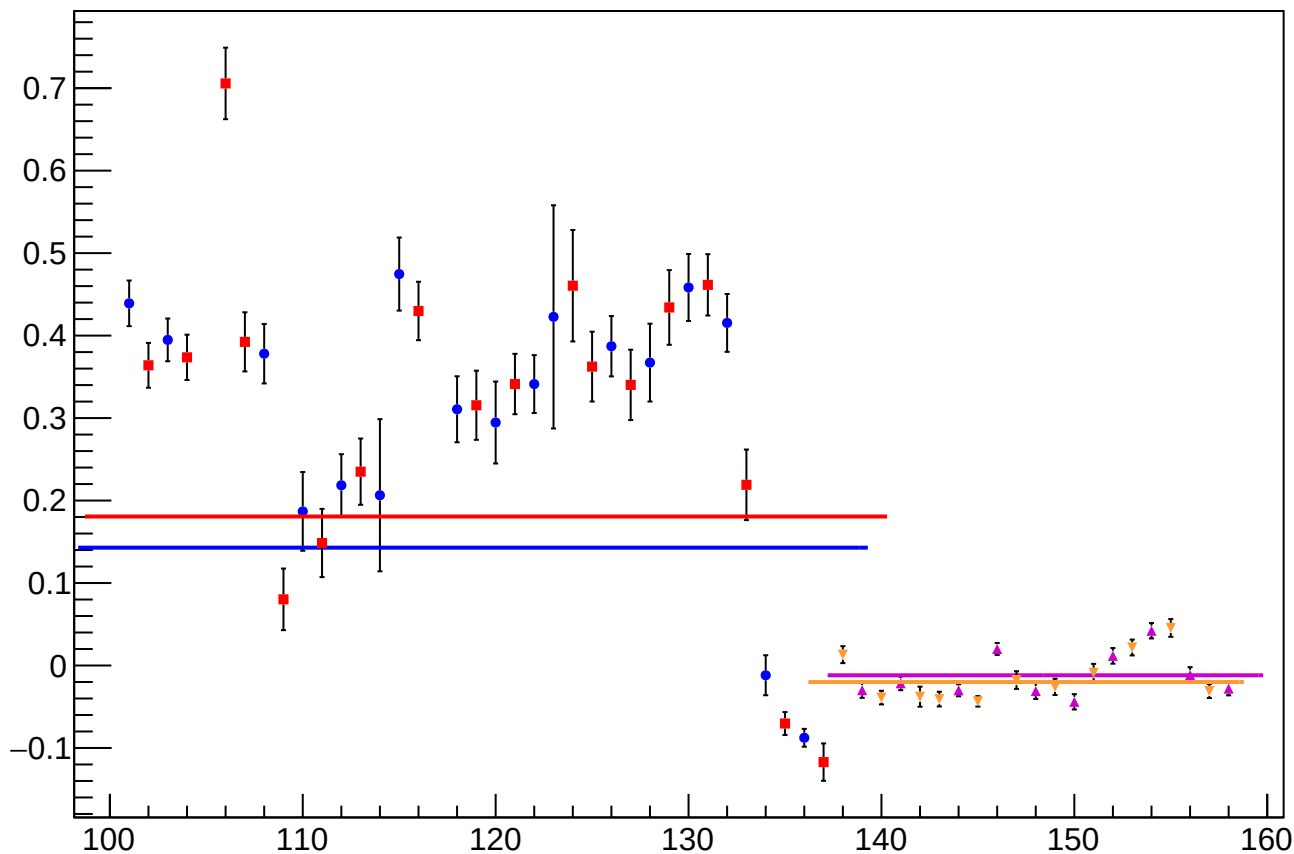
Right: -4.504 ± 0.094 χ^2/NDF : 2927.8/34

In: -6.961 ± 0.051 χ^2/NDF : 2194.1/26

Out: -6.630 ± 0.053 χ^2/NDF : 2031.1/28

All: -6.802 ± 0.037 χ^2/NDF : 4245.3/55

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.143 $\pm$ 0.007 χ^2 /NDF: 1058.9/16

Left Out: -0.020 $\pm$ 0.003 χ^2 /NDF:96.0/10

Right Out: 0.181 $\pm$ 0.007 χ^2 /NDF: 1003.7/17

Left In: -0.012 $\pm$ 0.003 χ^2 /NDF:90.3/9

Left: -0.016 $\pm$ 0.002 χ^2 /NDF: 190.7/20

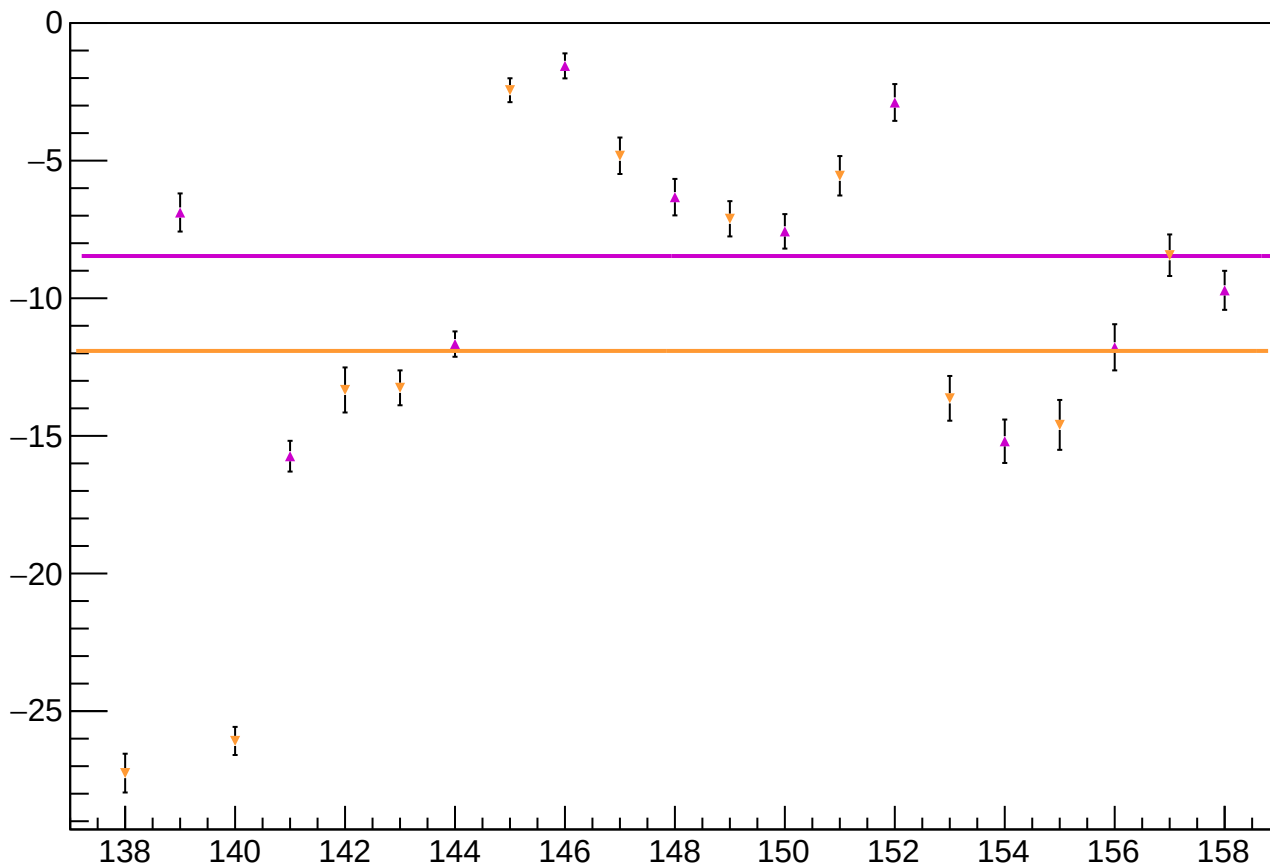
Right: 0.161 $\pm$ 0.005 χ^2 /NDF: 2076.2/34

In: 0.008 $\pm$ 0.003 χ^2 /NDF:1567.9/26

Out: 0.005 $\pm$ 0.003 χ^2 /NDF:1743.4/28

All: 0.007 $\pm$ 0.002 χ^2 /NDF: 3312.2/55

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



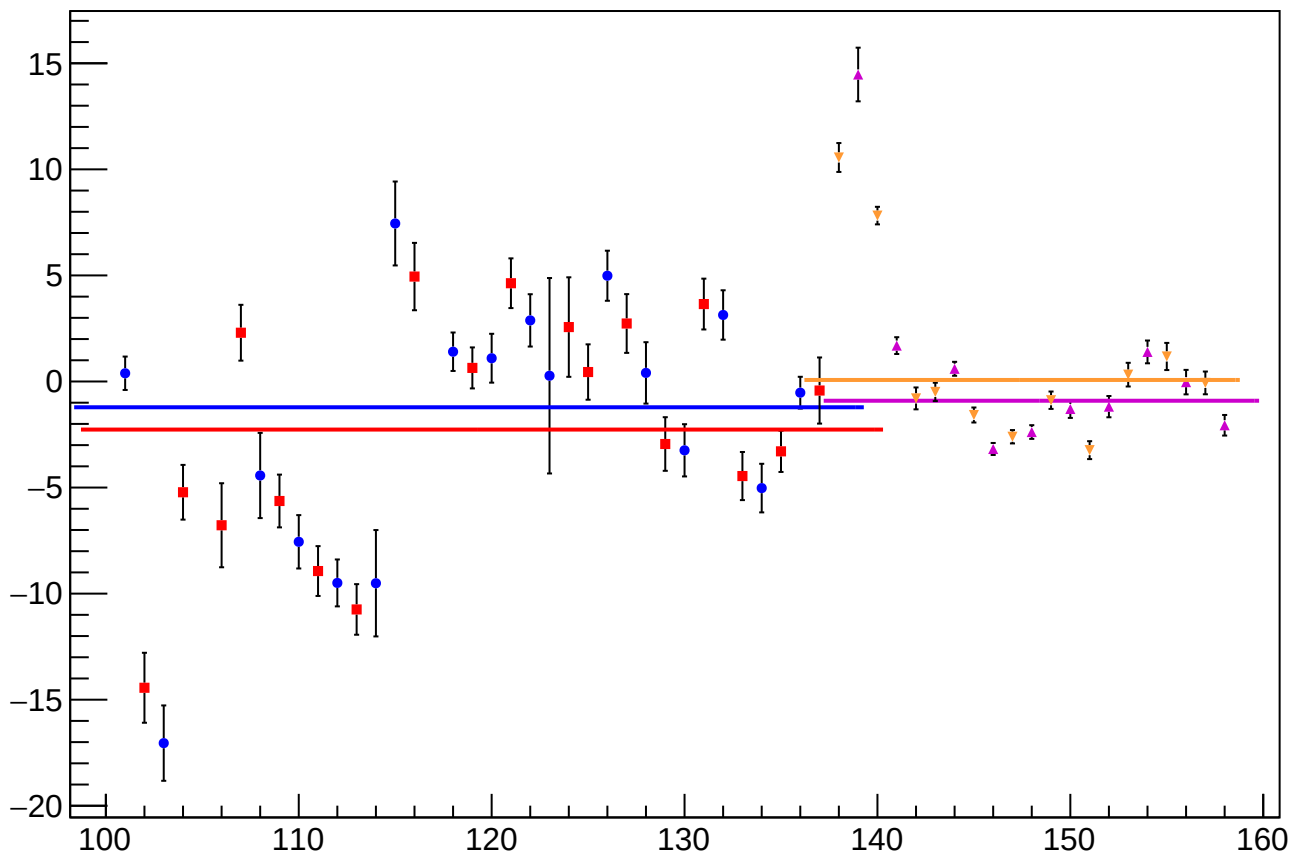
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: -11.914+/-0.195 χ^2/NDF :2011.6/10
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: -8.465+/-0.193 χ^2/NDF :627.5/9

Left: -10.169+/-0.137 χ^2/NDF : 2797.3/20
 Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -8.465+/-0.193 χ^2/NDF :627.5/9
 Out: -11.914+/-0.195 χ^2/NDF :2011.6/10

All: -10.169+/-0.137 χ^2/NDF : 2797.3/20

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: 0.072 ± 0.134 $\chi^2/\text{NDF}: 756.1/10$

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: -0.430 ± 0.093 $\chi^2/\text{NDF}: 1108.5/20$

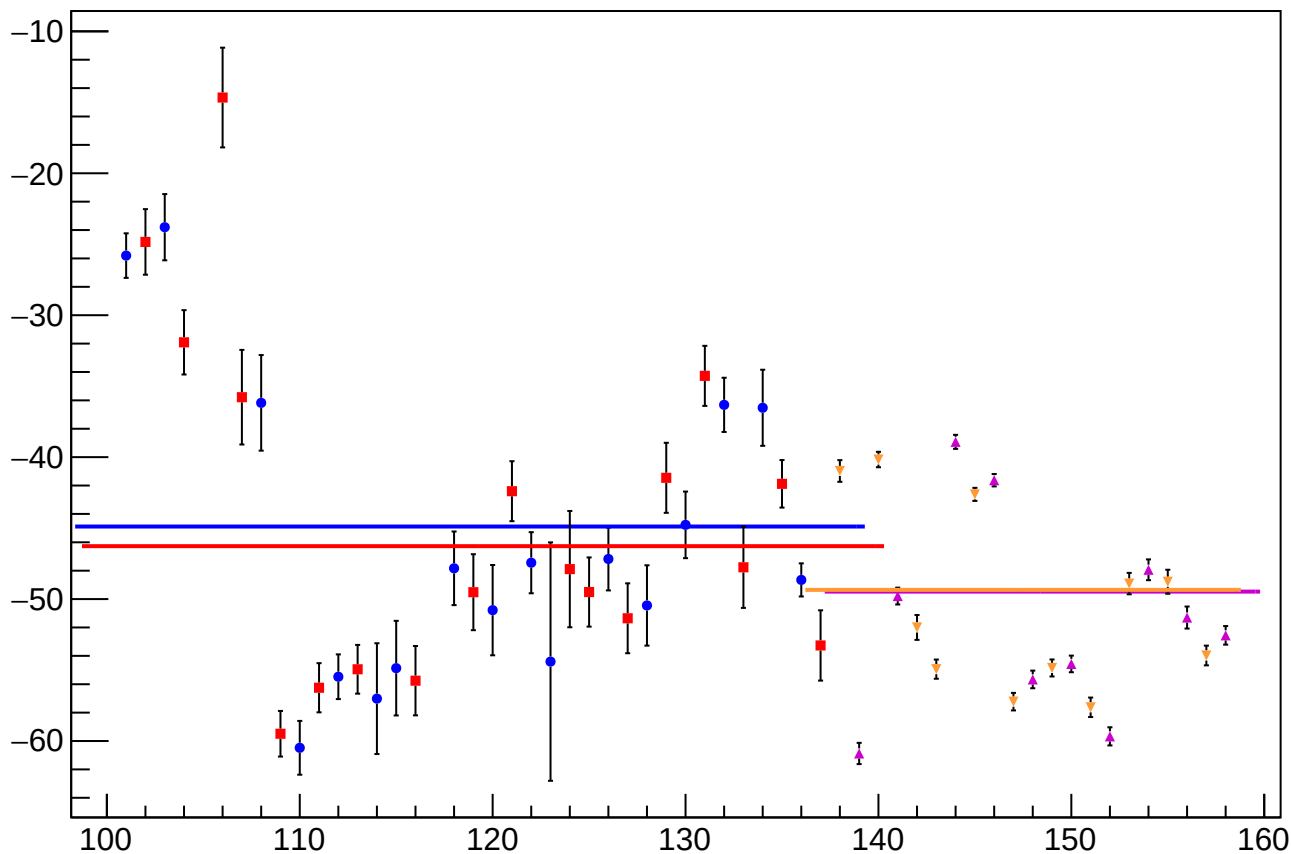
Right: -1.720 ± 0.209 $\chi^2/\text{NDF}: 568.9/34$

In: -0.959 ± 0.119 $\chi^2/\text{NDF}: 604.6/26$

Out: -0.311 ± 0.122 $\chi^2/\text{NDF}: 1090.0/28$

All: -0.644 ± 0.085 $\chi^2/\text{NDF}: 1709.0/55$

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: -49.351 ± 0.196 χ^2/NDF : 1133.8/10

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: -49.414 ± 0.136 χ^2/NDF : 2607.0/20

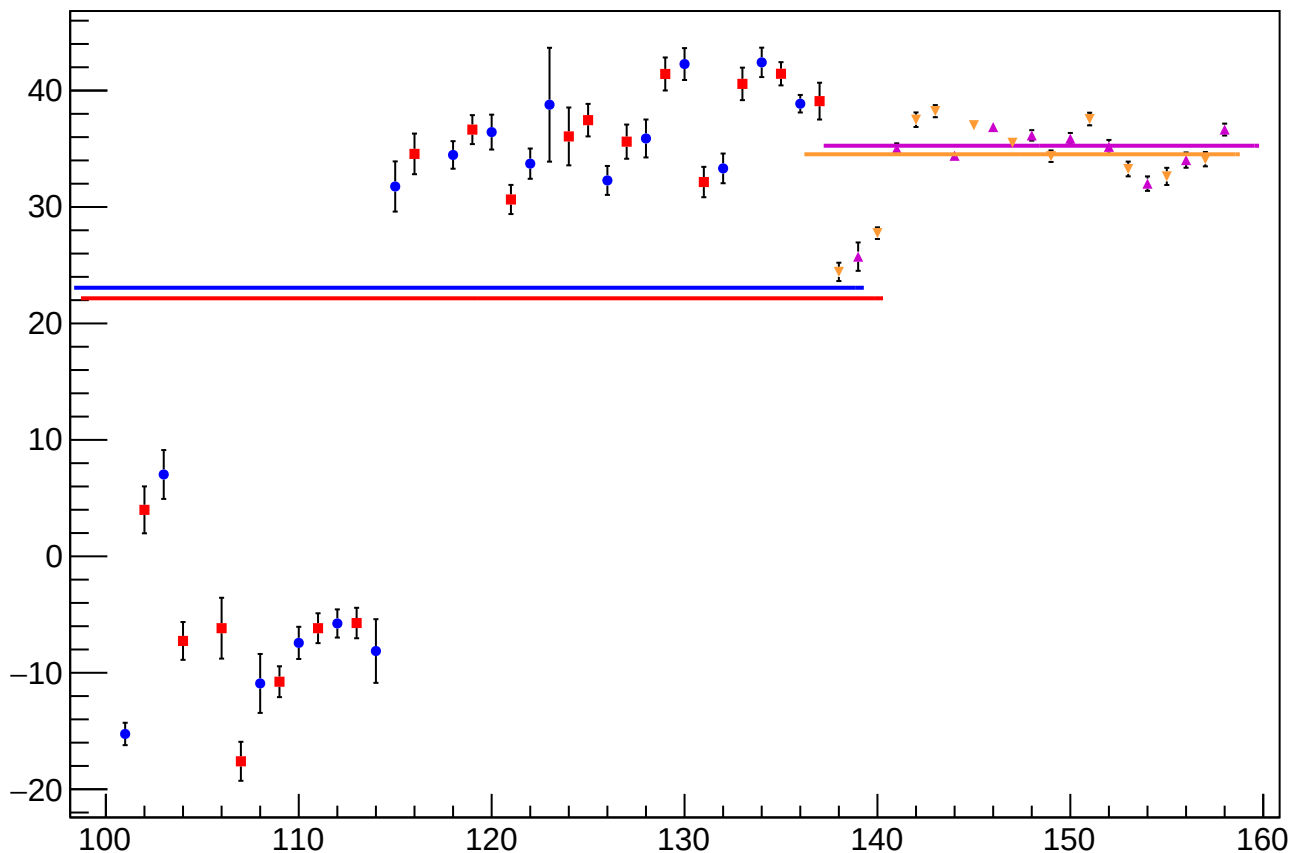
Right: -45.572 ± 0.372 χ^2/NDF : 844.4/34

In: -48.940 ± 0.178 χ^2/NDF : 1961.4/26

Out: -48.980 ± 0.184 χ^2/NDF : 1584.0/28

All: -48.960 ± 0.128 χ^2/NDF : 3545.4/55

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: 34.526 $\pm$ 0.163 χ^2 /NDF:505.4/10

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: 34.906 $\pm$ 0.113 χ^2 /NDF: 646.1/20

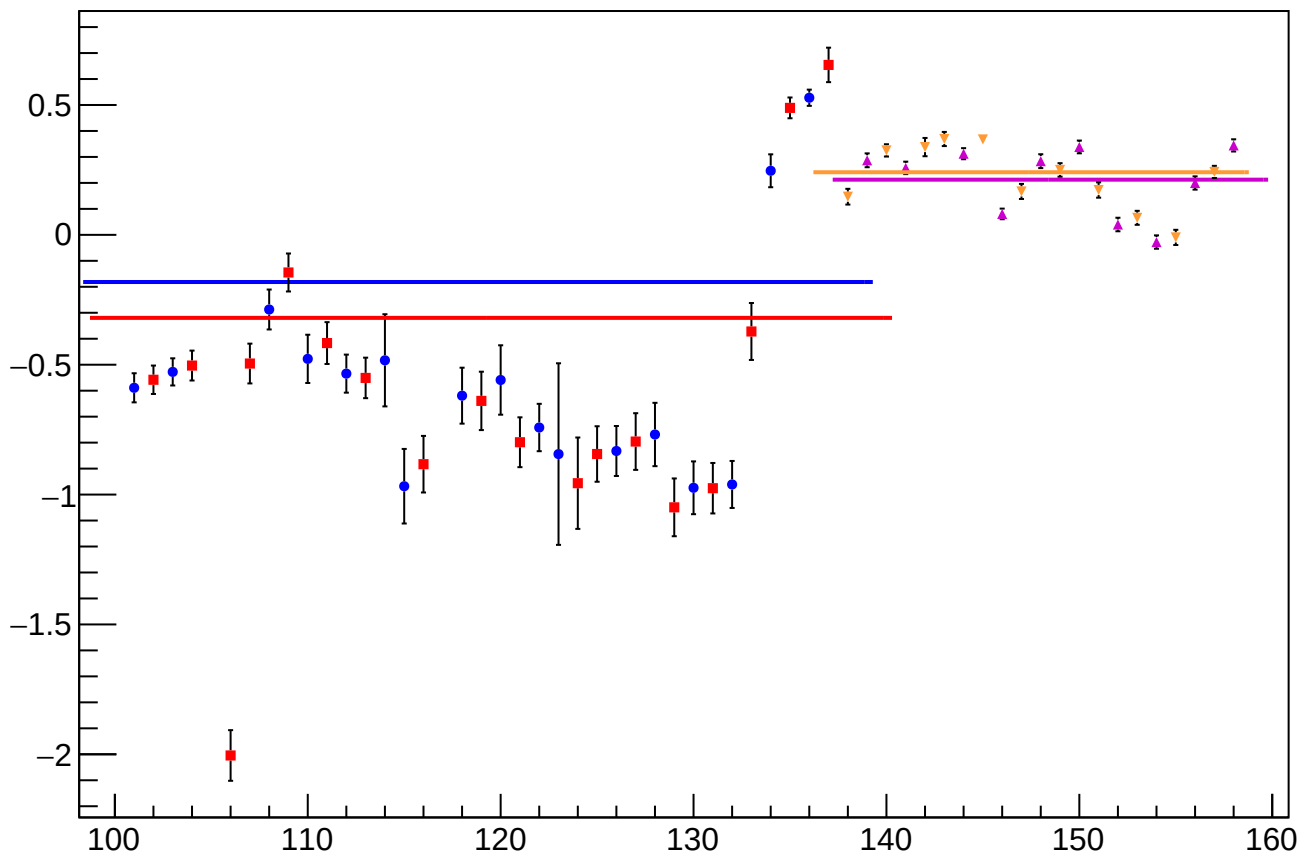
Right: 22.631 $\pm$ 0.236 χ^2 /NDF: 8362.7/34

In: 32.955 $\pm$ 0.142 χ^2 /NDF:5594.8/26

Out: 32.214 $\pm$ 0.147 χ^2 /NDF:5606.5/28

All: 32.597 $\pm$ 0.102 χ^2 /NDF: 11214.4/55

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: 0.241 ± 0.008 χ^2/NDF : 228.7/10

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: 0.226 ± 0.005 χ^2/NDF : 506.8/20

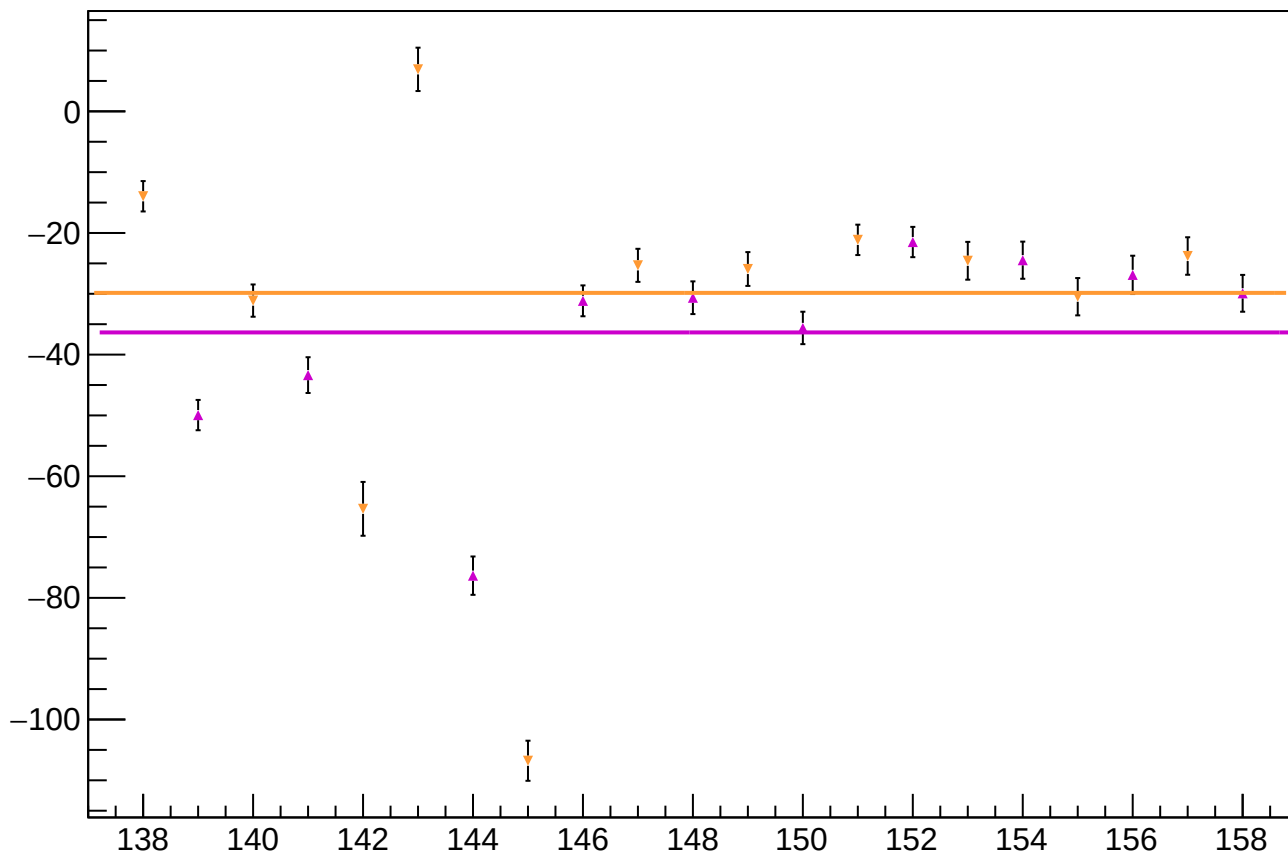
Right: -0.249 ± 0.013 χ^2/NDF : 2203.9/34

In: 0.151 ± 0.007 χ^2/NDF : 1684.2/26

Out: 0.153 ± 0.007 χ^2/NDF : 2205.7/28

All: 0.152 ± 0.005 χ^2/NDF : 3890.0/55

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: -29.849 ± 0.889 χ^2/NDF : 779.8/10

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: -33.133 ± 0.626 χ^2/NDF : 1076.2/20

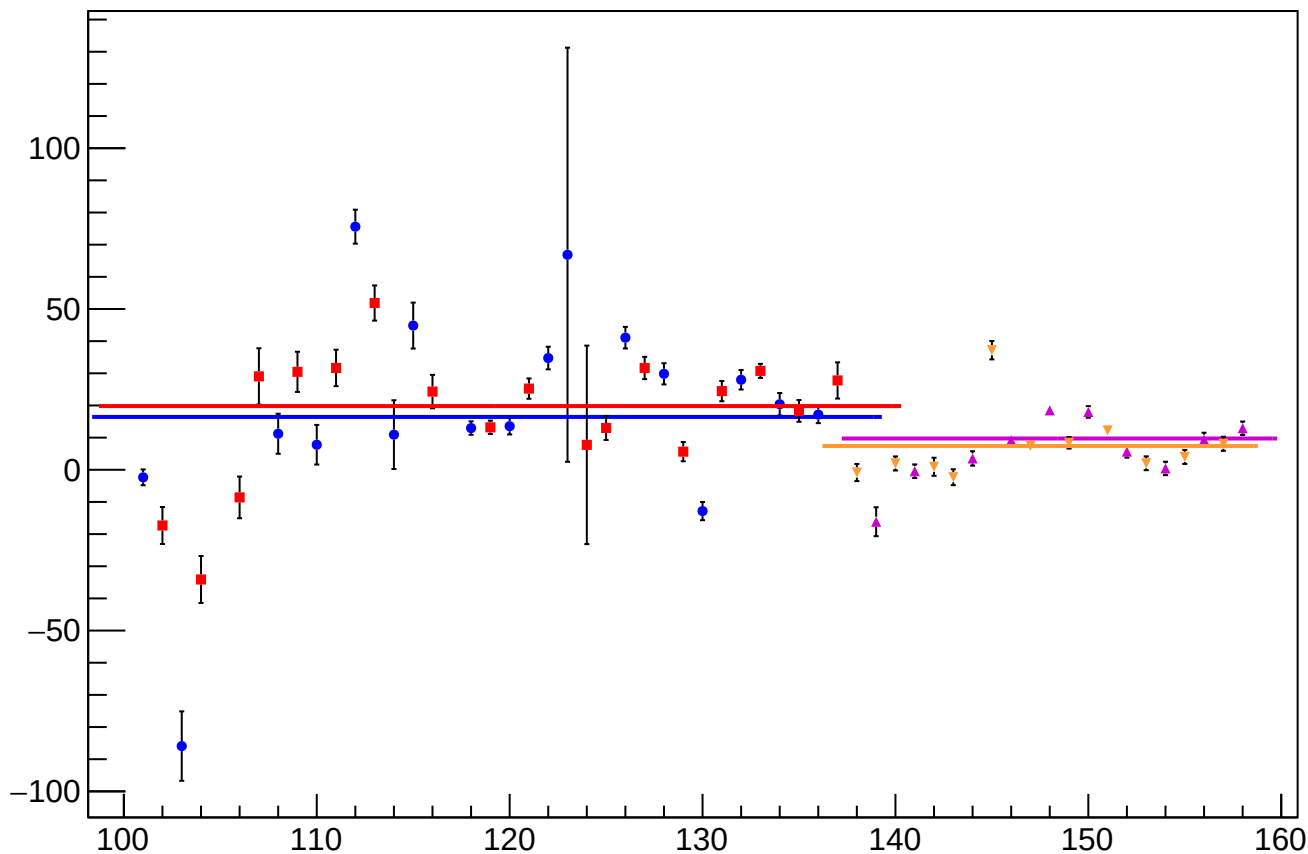
Right: 0.000 ± 0.000 χ^2/NDF : 0.0/0

In: -36.353 ± 0.881 χ^2/NDF : 269.4/9

Out: -29.849 ± 0.889 χ^2/NDF : 779.8/10

All: -33.133 ± 0.626 χ^2/NDF : 1076.2/20

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: 7.388 ± 0.597 $\chi^2/\text{NDF}: 165.8/10$

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: 8.549 ± 0.423 $\chi^2/\text{NDF}: 330.2/20$

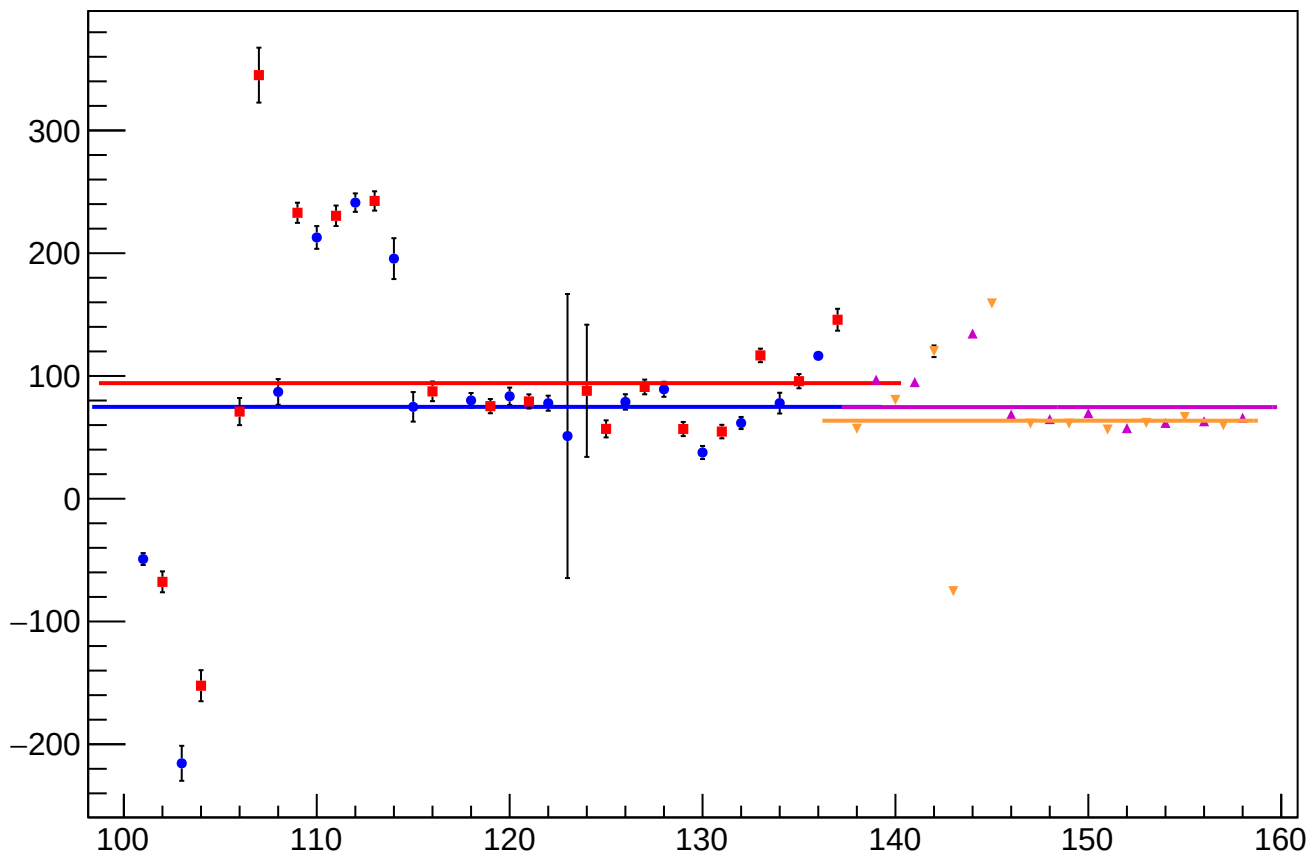
Right: 18.028 ± 0.617 $\chi^2/\text{NDF}: 762.9/34$

In: 11.968 ± 0.490 $\chi^2/\text{NDF}: 715.4/26$

Out: 11.186 ± 0.497 $\chi^2/\text{NDF}: 536.9/28$

All: 11.583 ± 0.349 $\chi^2/\text{NDF}: 1253.5/55$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 74.824 $\pm$ 1.639 χ^2 /NDF: 1996.8/16

Left Out: 63.572 $\pm$ 0.875 χ^2 /NDF:2310.0/10

Right Out: 94.153 $\pm$ 1.720 χ^2 /NDF: 1969.2/17

Left In: 74.653 $\pm$ 0.857 χ^2 /NDF:549.6/9

Left: 69.228 $\pm$ 0.613 χ^2 /NDF: 2941.4/20

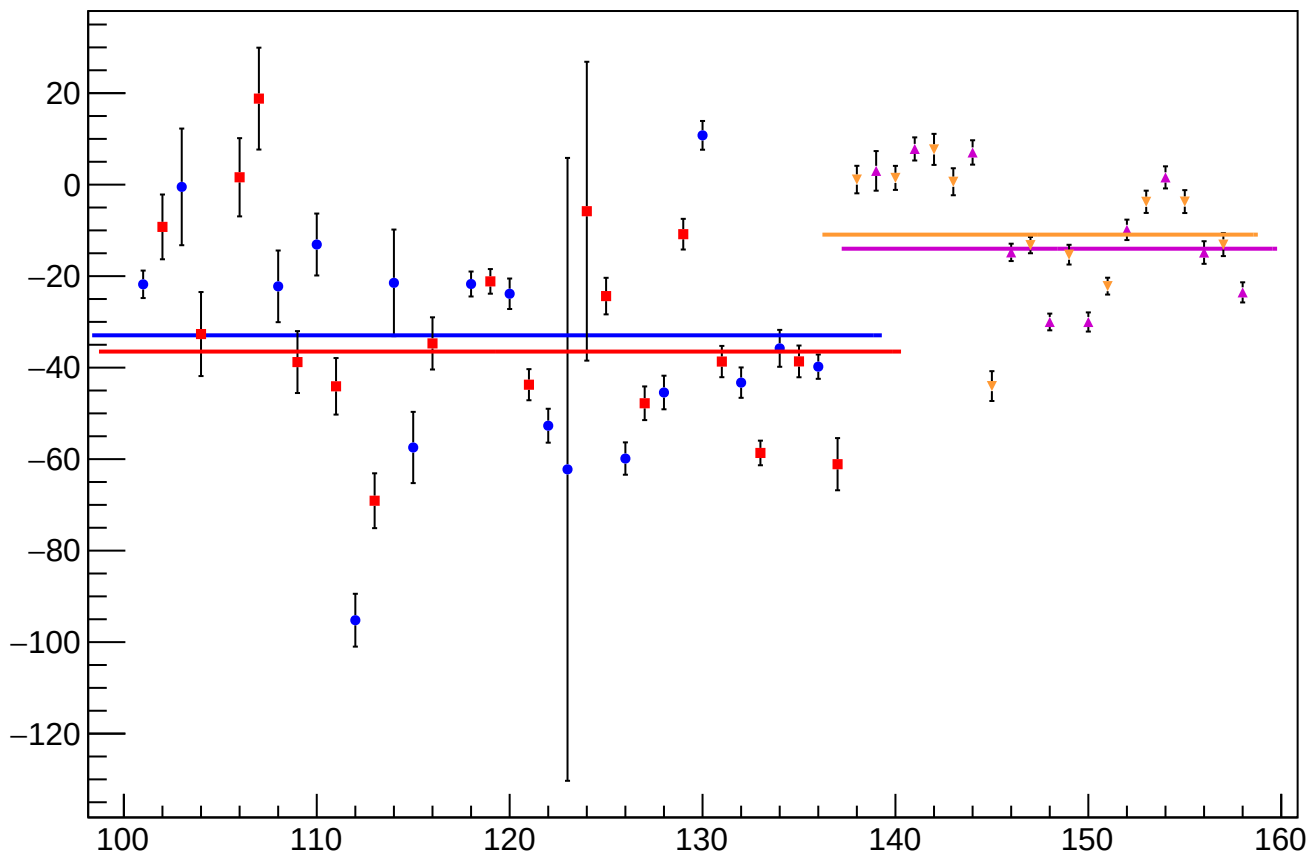
Right: 84.020 $\pm$ 1.186 χ^2 /NDF: 4032.2/34

In: 74.690 $\pm$ 0.760 χ^2 /NDF:2546.4/26

Out: 69.865 $\pm$ 0.780 χ^2 /NDF:4530.3/28

All: 72.342 $\pm$ 0.544 χ^2 /NDF: 7096.3/55

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -32.935 ± 0.973 χ^2/NDF : 490.7/16

Left Out: -10.927 ± 0.733 χ^2/NDF : 247.7/10

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: -12.481 ± 0.516 χ^2/NDF : 608.4/20

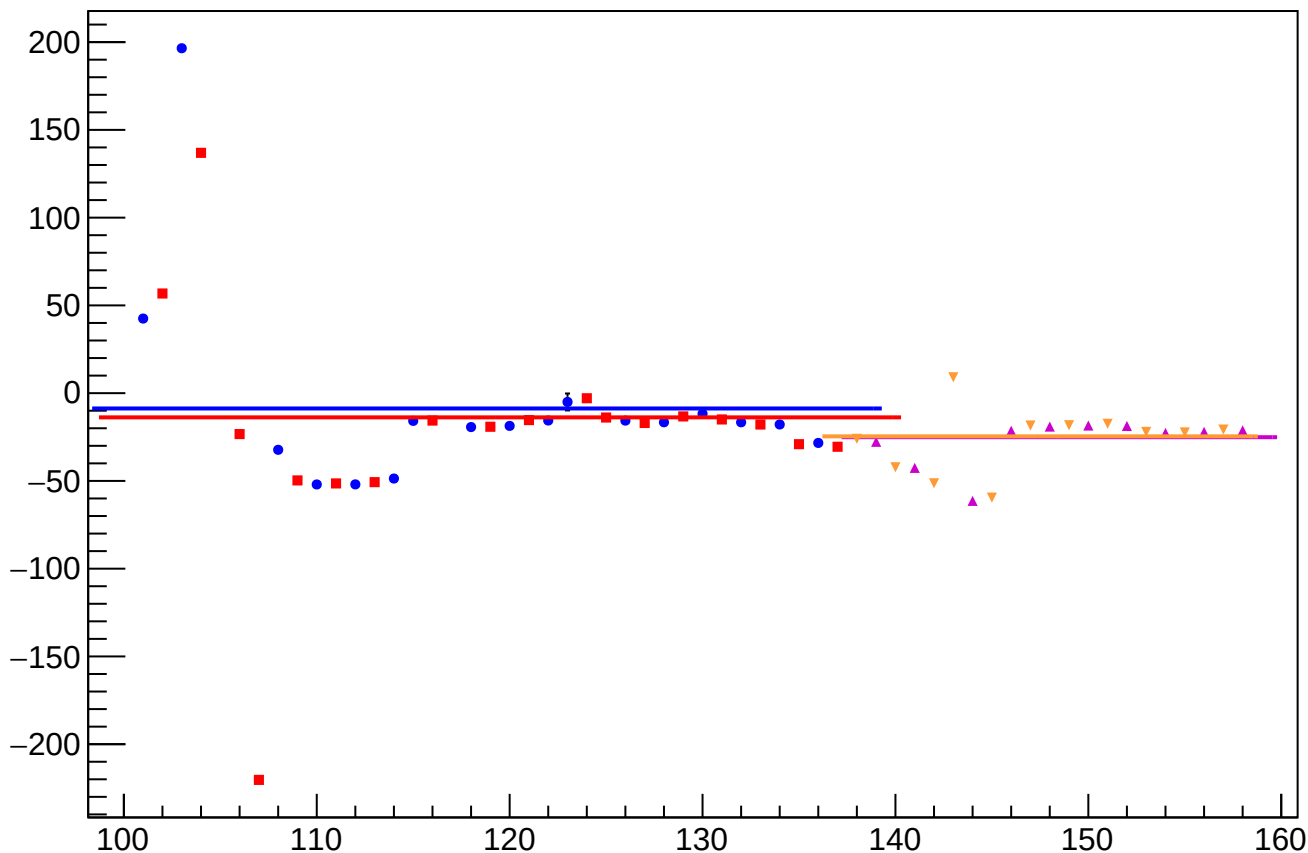
Right: -34.617 ± 0.706 χ^2/NDF : 790.3/34

In: -20.769 ± 0.582 χ^2/NDF : 1085.6/26

Out: -19.549 ± 0.596 χ^2/NDF : 951.7/28

All: -20.174 ± 0.416 χ^2/NDF : 2039.4/55

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Left: -24.860 ± 0.024 $\chi^2/\text{NDF}: 265234.9/20$

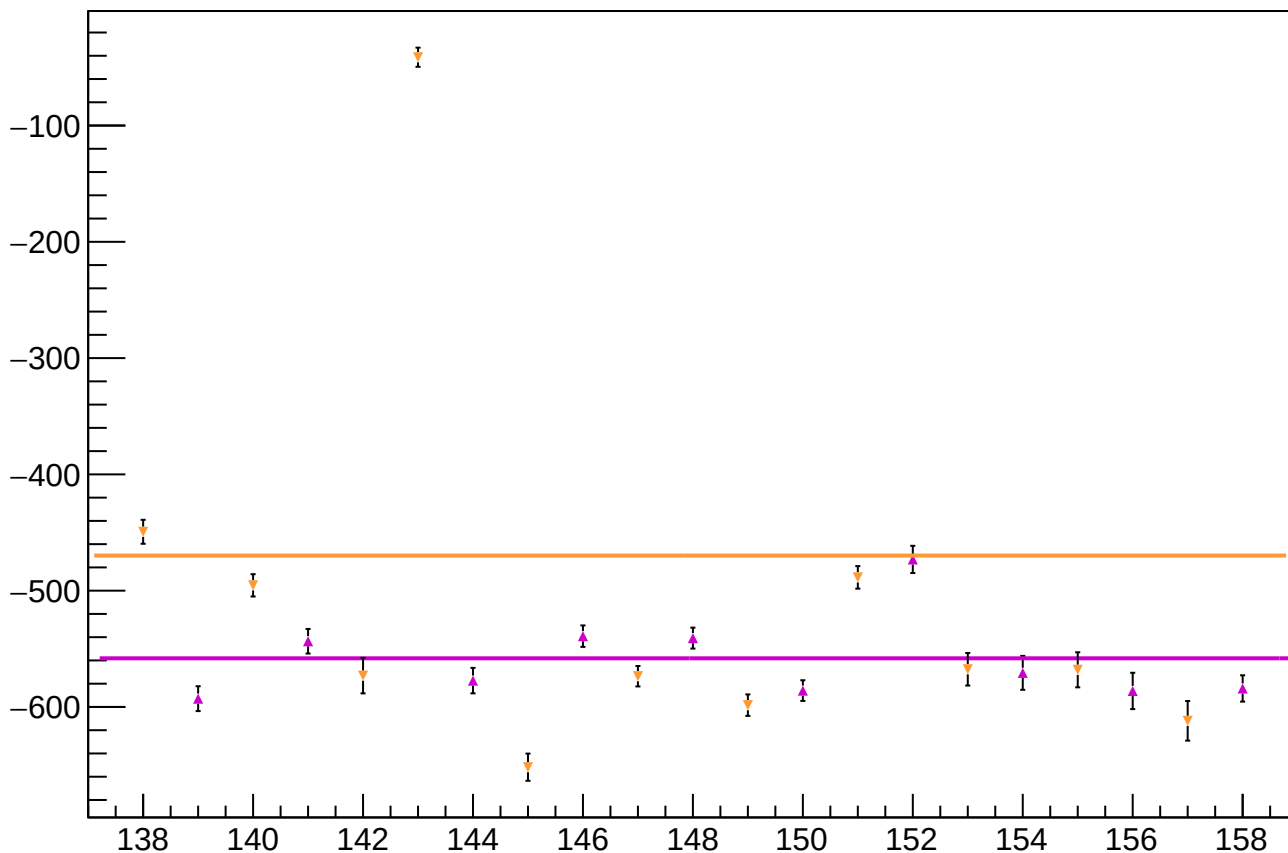
Right: -11.121 ± 0.043 $\chi^2/\text{NDF}: 1128724.7/34$

In: -21.087 ± 0.029 $\chi^2/\text{NDF}: 730204.5/26$

Out: -22.036 ± 0.030 $\chi^2/\text{NDF}: 741670.1/28$

All: -21.542 ± 0.021 $\chi^2/\text{NDF}: 1472385.0/55$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

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: -511.983+/-2.346 χ^2/NDF : 3961.3/20

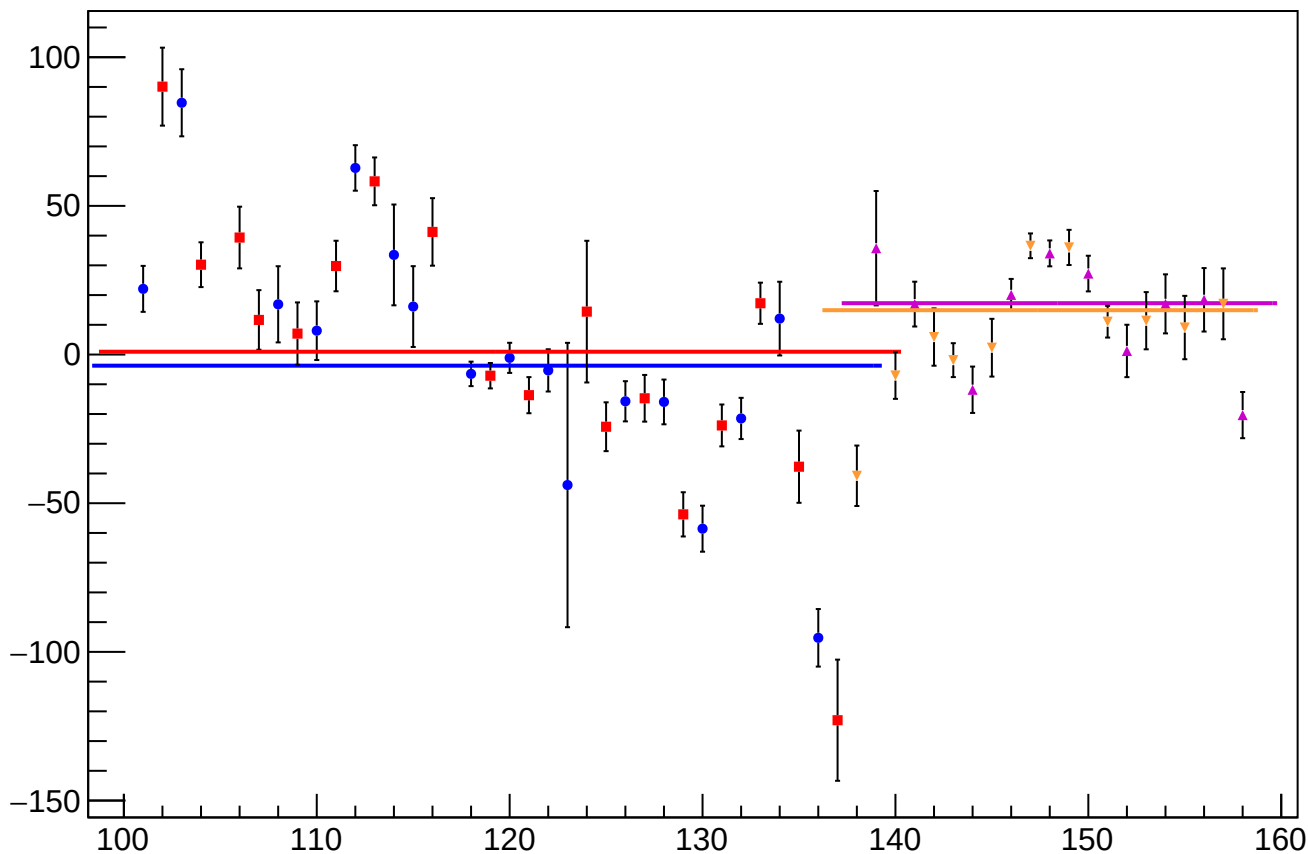
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -558.167+/-3.395 χ^2/NDF :95.4/9

Out: -469.794+/-3.245 χ^2/NDF :3511.8/10

All: -511.983+/-2.346 χ^2/NDF : 3961.3/20

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.743 ± 1.892 χ^2/NDF : 314.1/16

Left Out: 14.917 ± 2.103 χ^2/NDF : 89.9/10

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: 16.026 ± 1.531 χ^2/NDF : 150.0/20

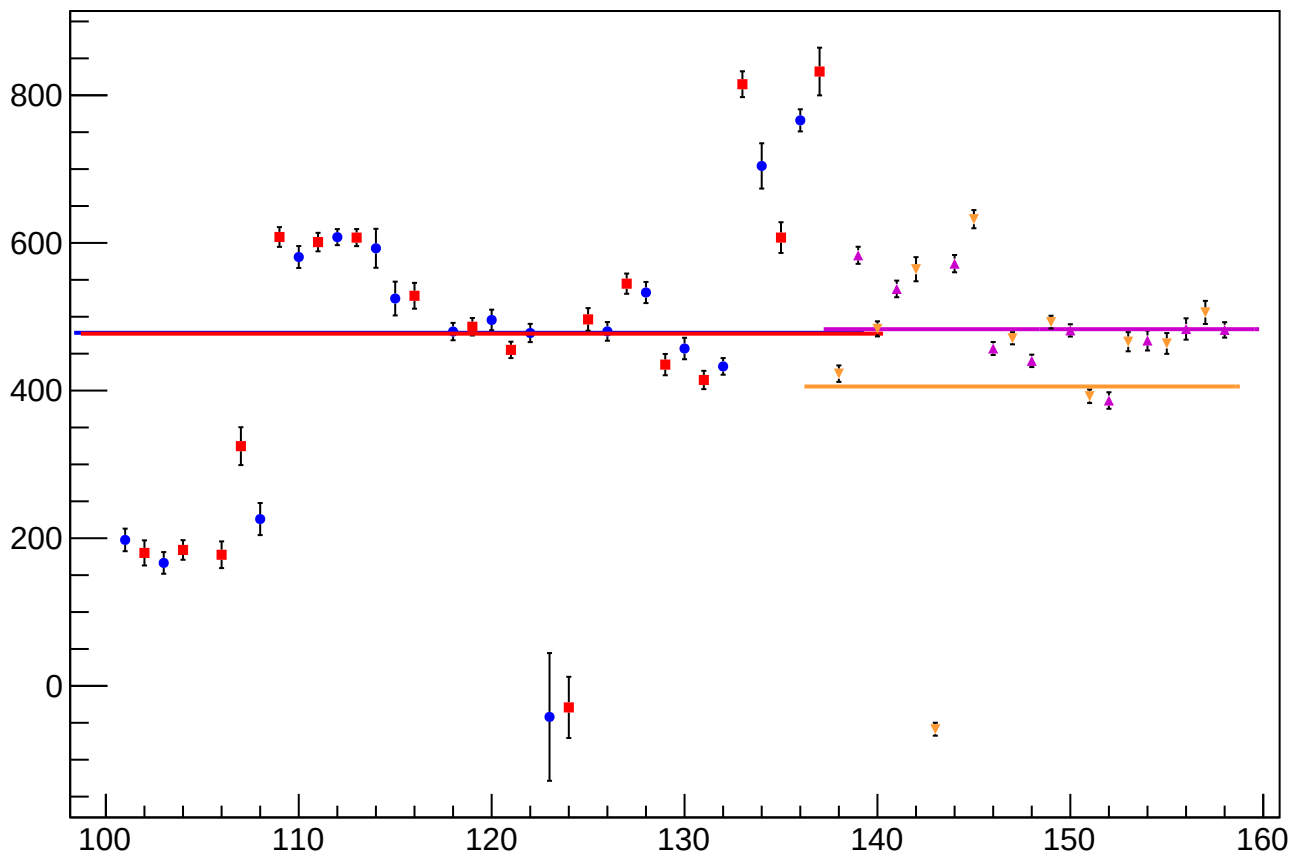
Right: -1.430 ± 1.347 χ^2/NDF : 610.8/34

In: 5.040 ± 1.443 χ^2/NDF : 425.2/26

Out: 7.292 ± 1.417 χ^2/NDF : 407.7/28

All: 6.187 ± 1.011 χ^2/NDF : 834.1/55

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 478.265+/-3.638 χ^2/NDF : 1627.9/16

Left Out: 405.517+/-3.227 χ^2/NDF : 3542.0/10

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: 443.391+/-2.309 χ^2/NDF : 4090.6/20

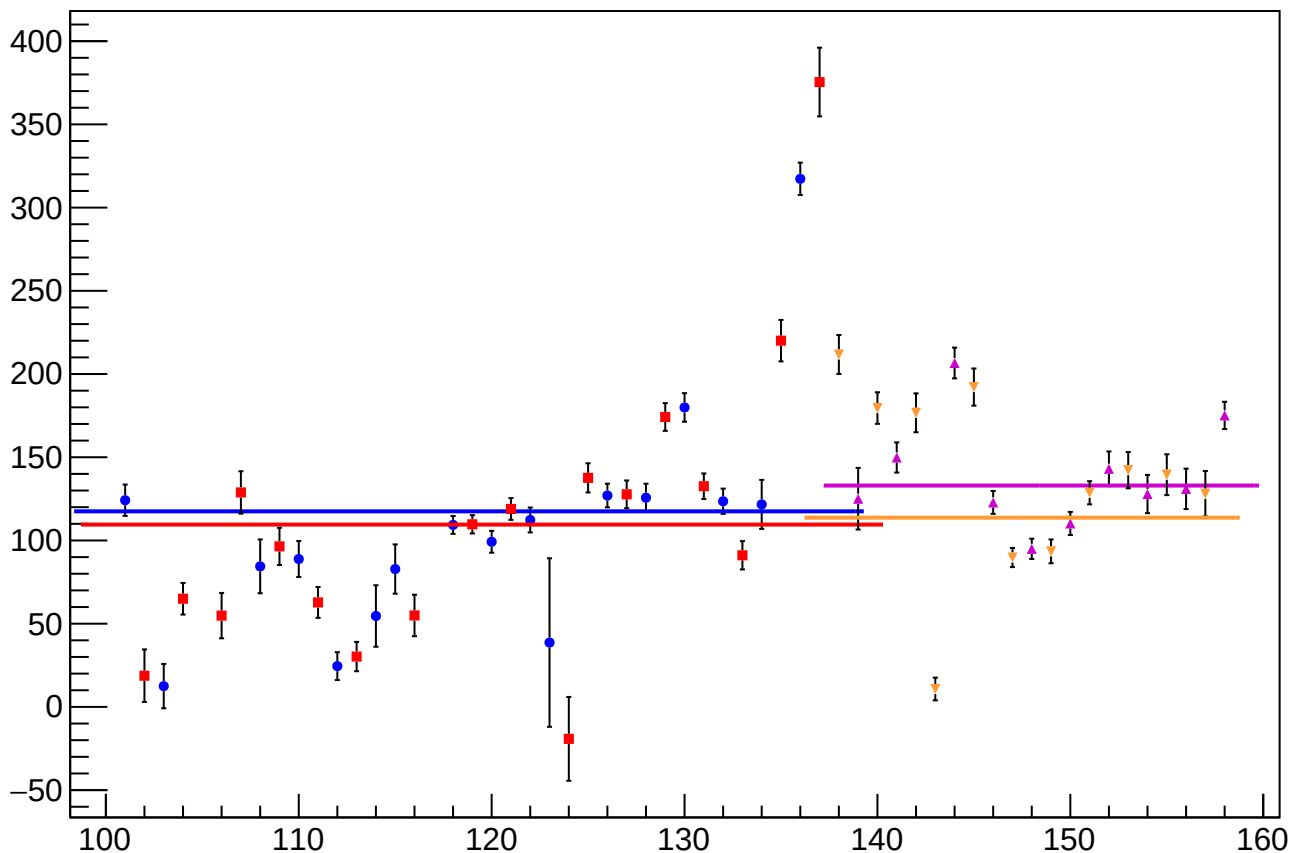
Right: 477.667+/-2.538 χ^2/NDF : 3803.8/34

In: 480.945+/-2.447 χ^2/NDF : 1895.2/26

Out: 437.990+/-2.385 χ^2/NDF : 5941.0/28

All: 458.919+/-1.708 χ^2/NDF : 7994.2/55

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: 113.697 $\pm$ 2.614 χ^2 /NDF: 467.6/10

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: 122.924 $\pm$ 1.888 χ^2 /NDF: 640.2/20

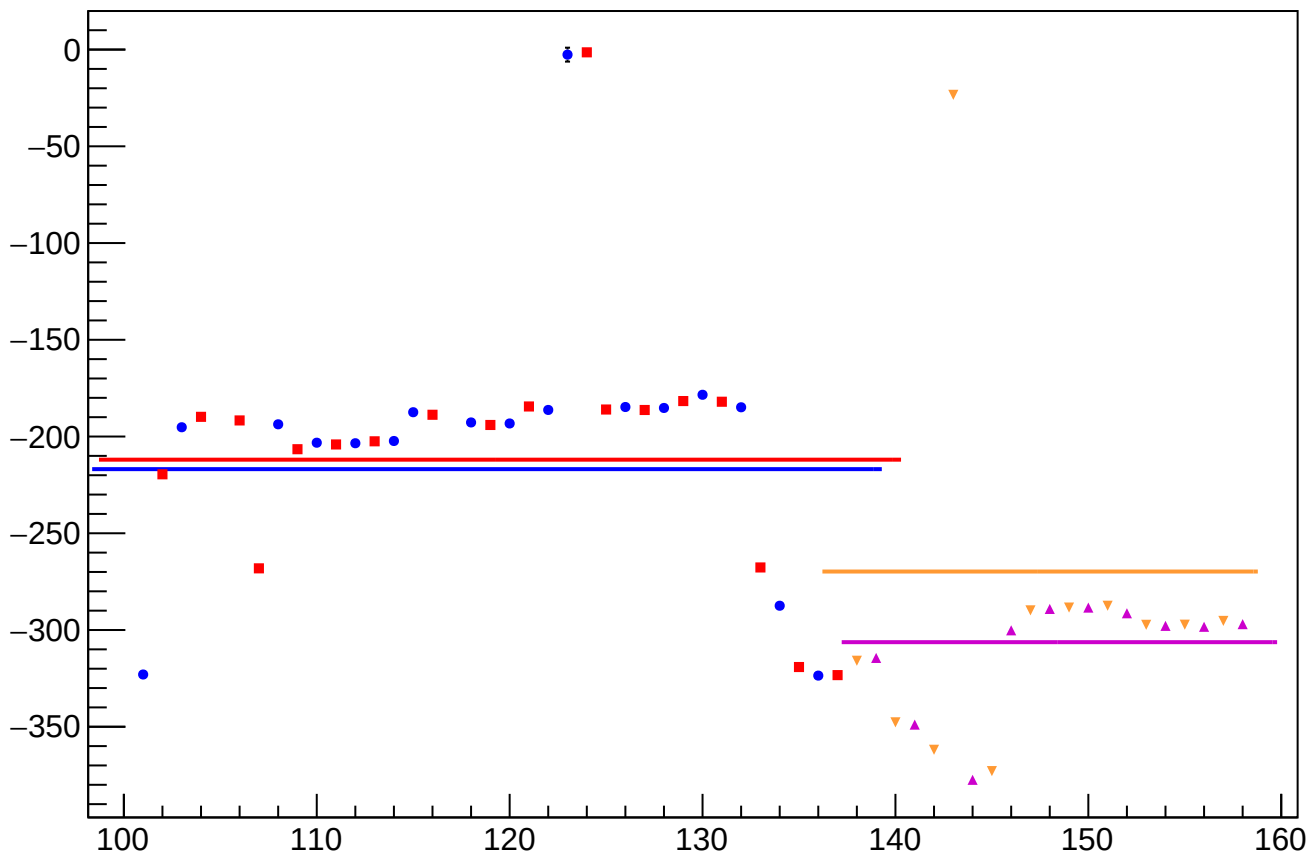
Right: 113.538 $\pm$ 1.558 χ^2 /NDF: 1274.7/34

In: 123.592 $\pm$ 1.712 χ^2 /NDF: 872.0/26

Out: 111.269 $\pm$ 1.687 χ^2 /NDF: 1031.3/28

All: 117.339 $\pm$ 1.202 χ^2 /NDF: 1929.6/55

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: -269.773 ± 0.132 $\chi^2/\text{NDF}: 611377.3/10$

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: -288.051 ± 0.094 $\chi^2/\text{NDF}: 685292.9/20$

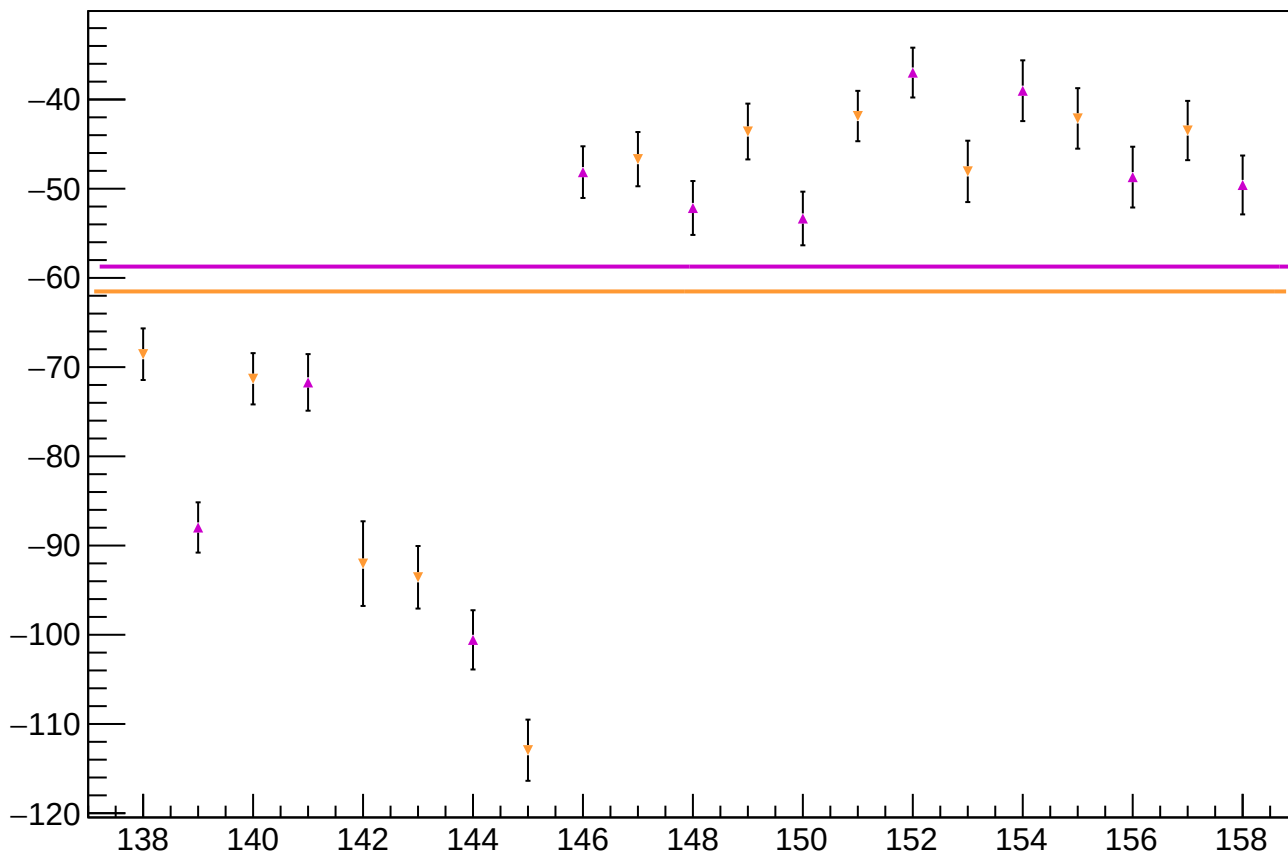
Right: -214.313 ± 0.094 $\chi^2/\text{NDF}: 259693.1/34$

In: -262.803 ± 0.095 $\chi^2/\text{NDF}: 405356.6/26$

Out: -240.502 ± 0.093 $\chi^2/\text{NDF}: 820123.0/28$

All: -251.443 ± 0.066 $\chi^2/\text{NDF}: 1253710.4/55$

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -61.516+/-0.976 χ^2/NDF :550.0/10

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: -60.124+/-0.691 χ^2/NDF : 969.1/20

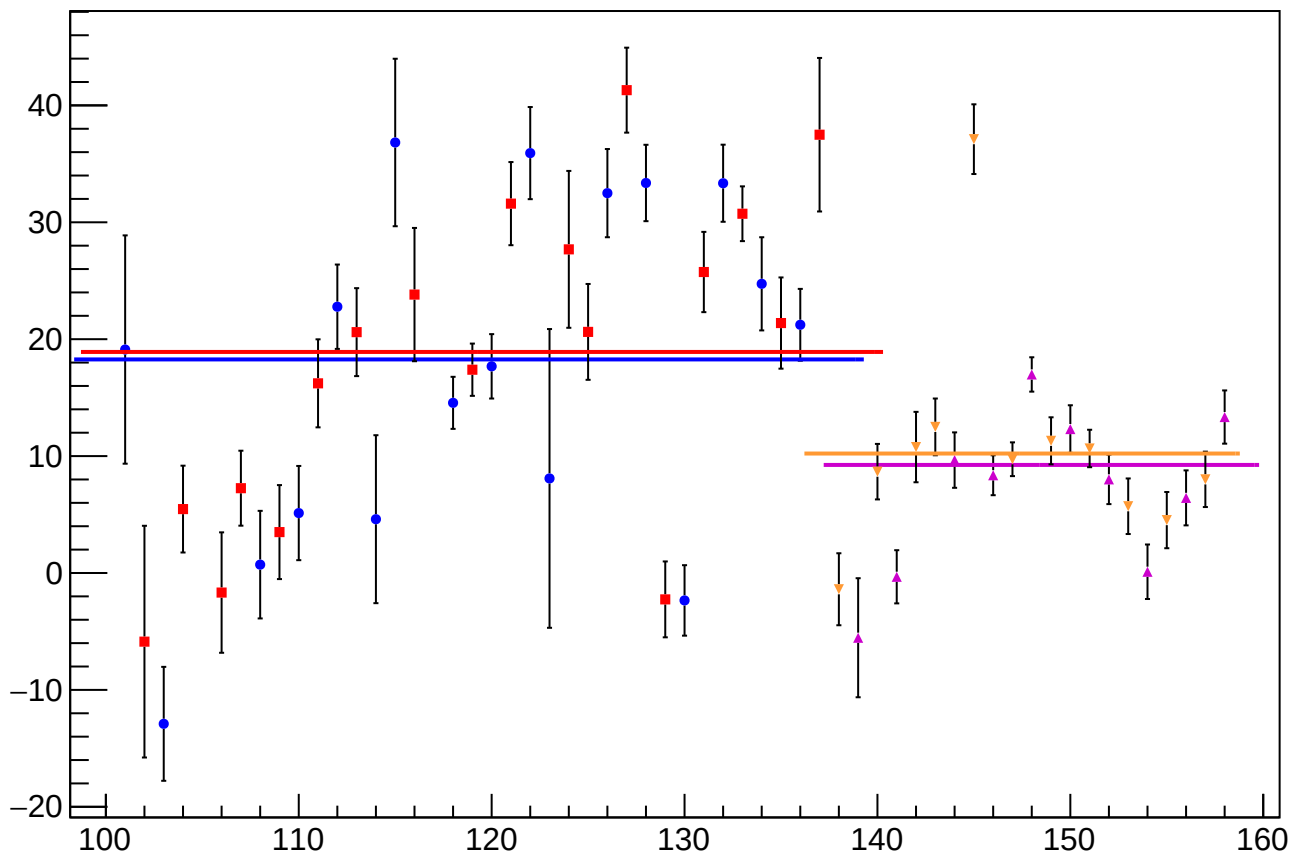
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -58.730+/-0.977 χ^2/NDF :415.1/9

Out: -61.516+/-0.976 χ^2/NDF :550.0/10

All: -60.124+/-0.691 χ^2/NDF : 969.1/20

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.269 ± 0.907 $\chi^2/\text{NDF}: 208.3/16$

Left Out: 10.219 ± 0.657 $\chi^2/\text{NDF}: 107.5/10$

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: 9.740 ± 0.468 $\chi^2/\text{NDF}: 185.3/20$

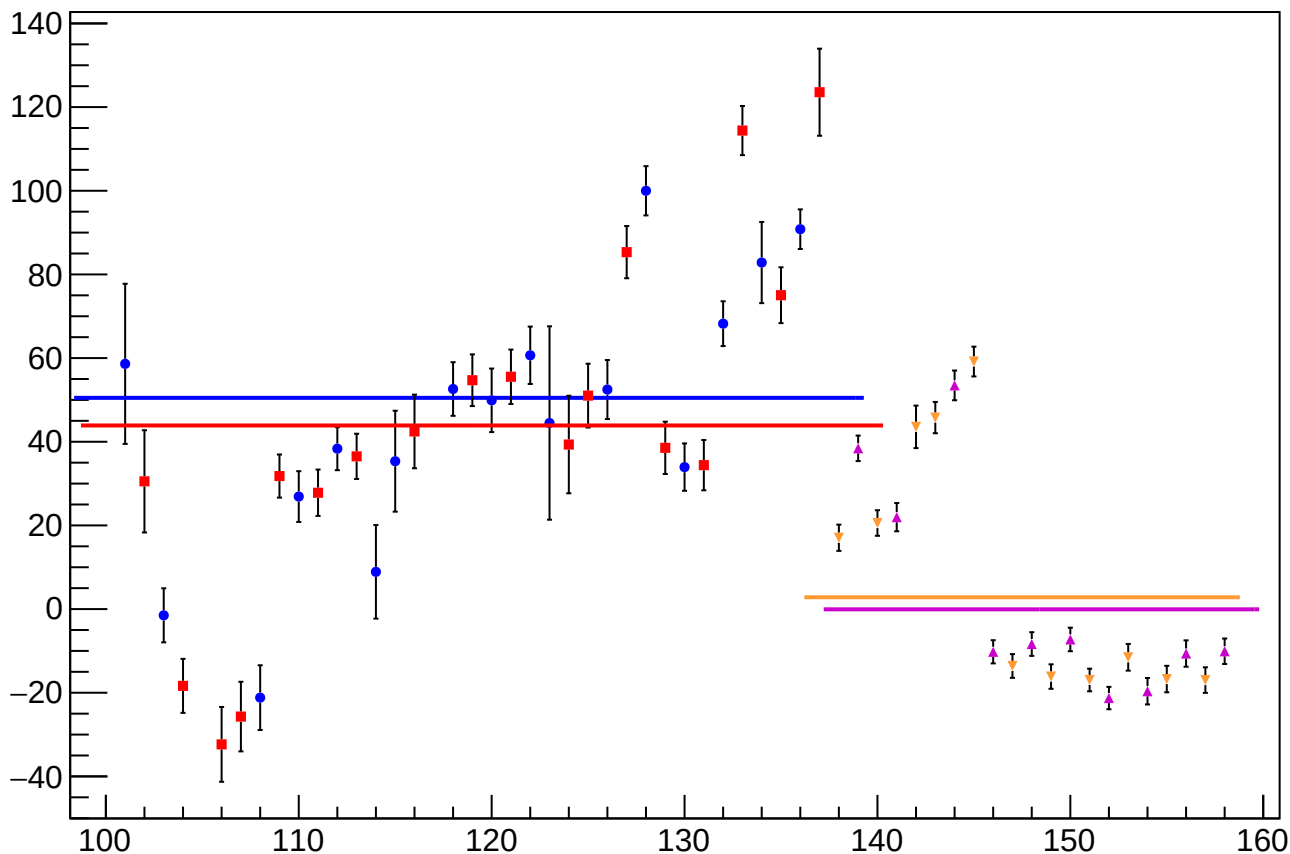
Right: 18.605 ± 0.626 $\chi^2/\text{NDF}: 406.7/34$

In: 12.421 ± 0.538 $\chi^2/\text{NDF}: 349.3/26$

Out: 13.399 ± 0.523 $\chi^2/\text{NDF}: 369.7/28$

All: 12.924 ± 0.375 $\chi^2/\text{NDF}: 720.7/55$

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: 2.822 $\pm$ 0.962 χ^2 /NDF: 730.2/10

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: 1.365 $\pm$ 0.677 χ^2 /NDF: 1315.6/20

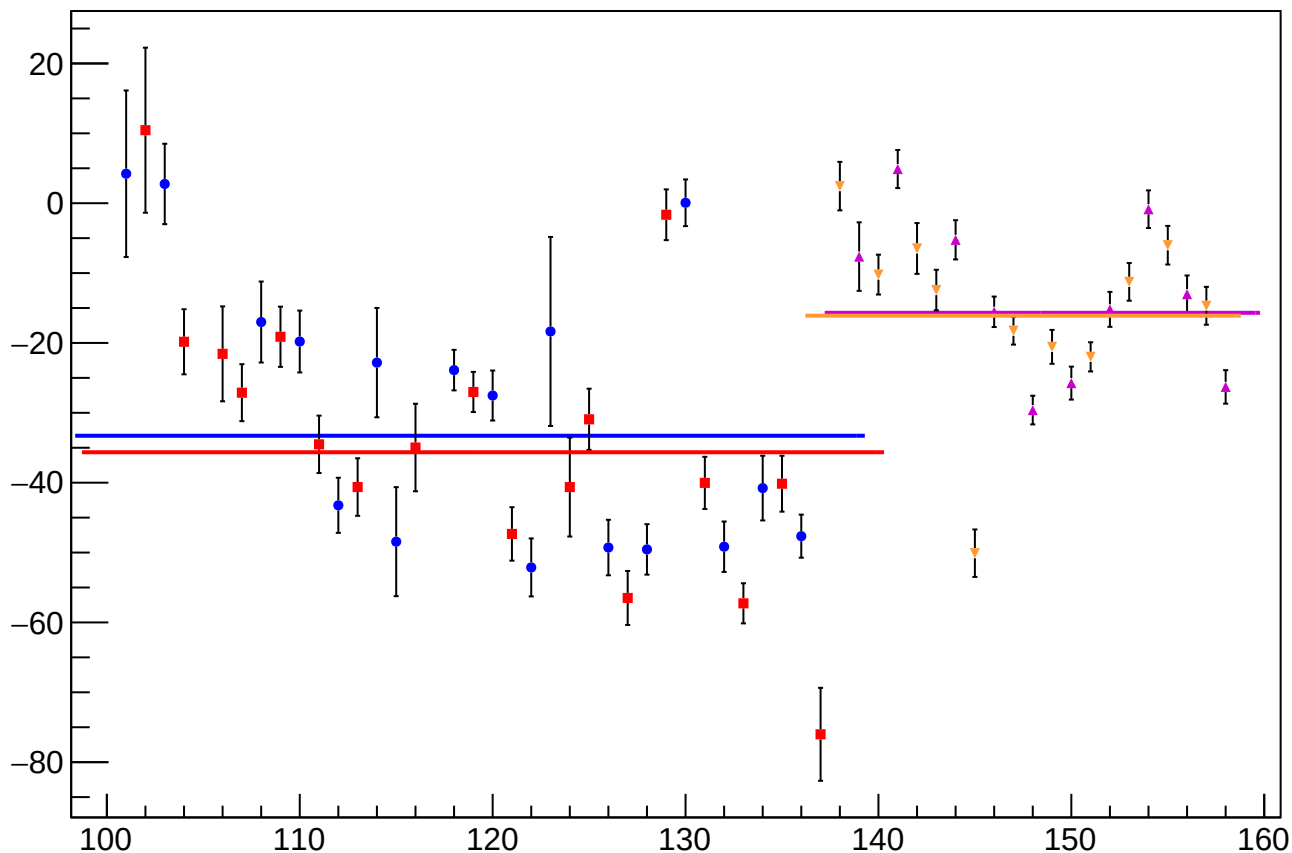
Right: 47.060 $\pm$ 1.157 χ^2 /NDF: 903.0/34

In: 12.328 $\pm$ 0.827 χ^2 /NDF: 1635.3/26

Out: 13.695 $\pm$ 0.825 χ^2 /NDF: 1744.2/28

All: 13.013 $\pm$ 0.584 χ^2 /NDF: 3380.9/55

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: -16.096 ± 0.805 $\chi^2/\text{NDF}: 170.8/10$

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: -15.890 ± 0.569 $\chi^2/\text{NDF}: 359.5/20$

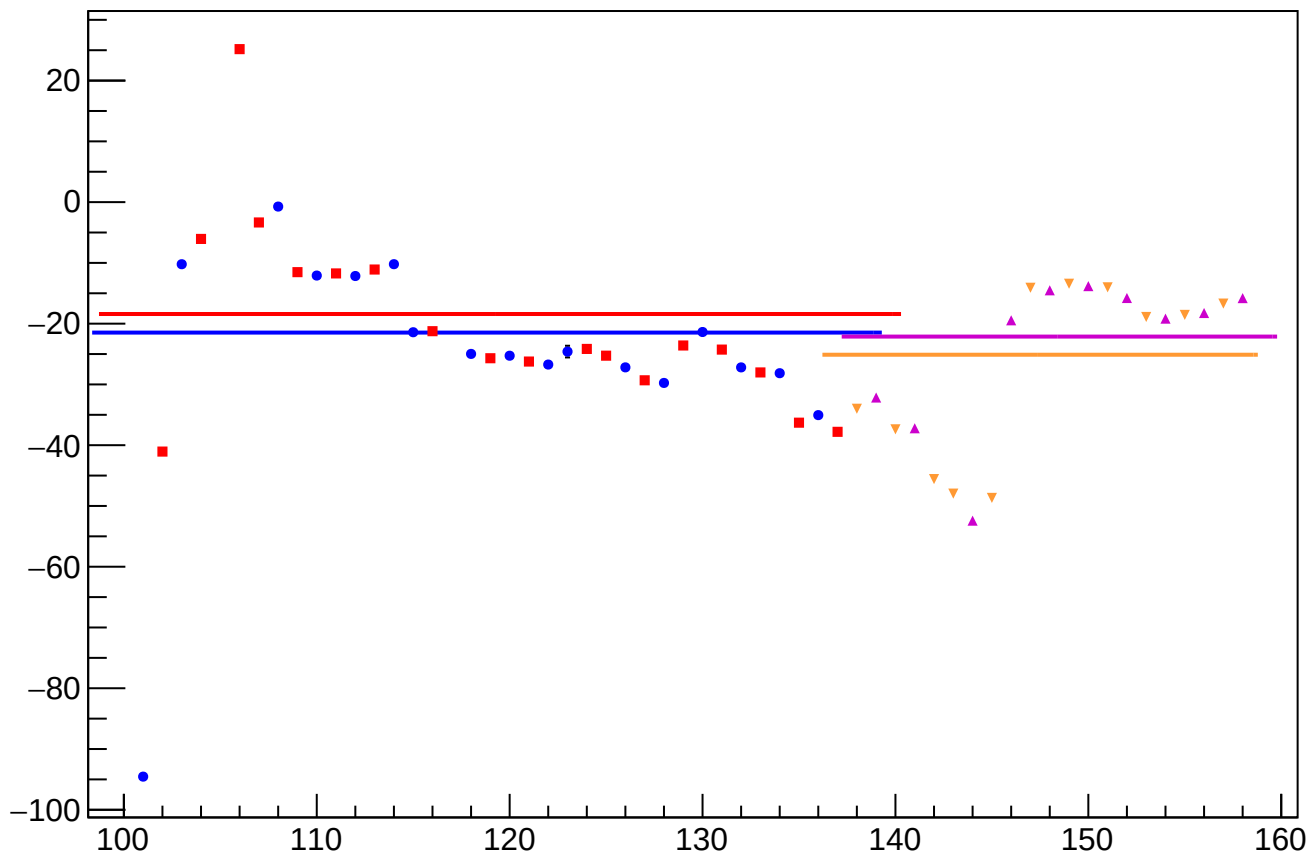
Right: -34.511 ± 0.716 $\chi^2/\text{NDF}: 580.2/34$

In: -22.322 ± 0.636 $\chi^2/\text{NDF}: 661.5/26$

Out: -23.850 ± 0.625 $\chi^2/\text{NDF}: 689.4/28$

All: -23.098 ± 0.446 $\chi^2/\text{NDF}: 1353.8/55$

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: -25.113 ± 0.038 $\chi^2/\text{NDF}: 112738.5/10$

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: -23.583 ± 0.027 $\chi^2/\text{NDF}: 193141.4/20$

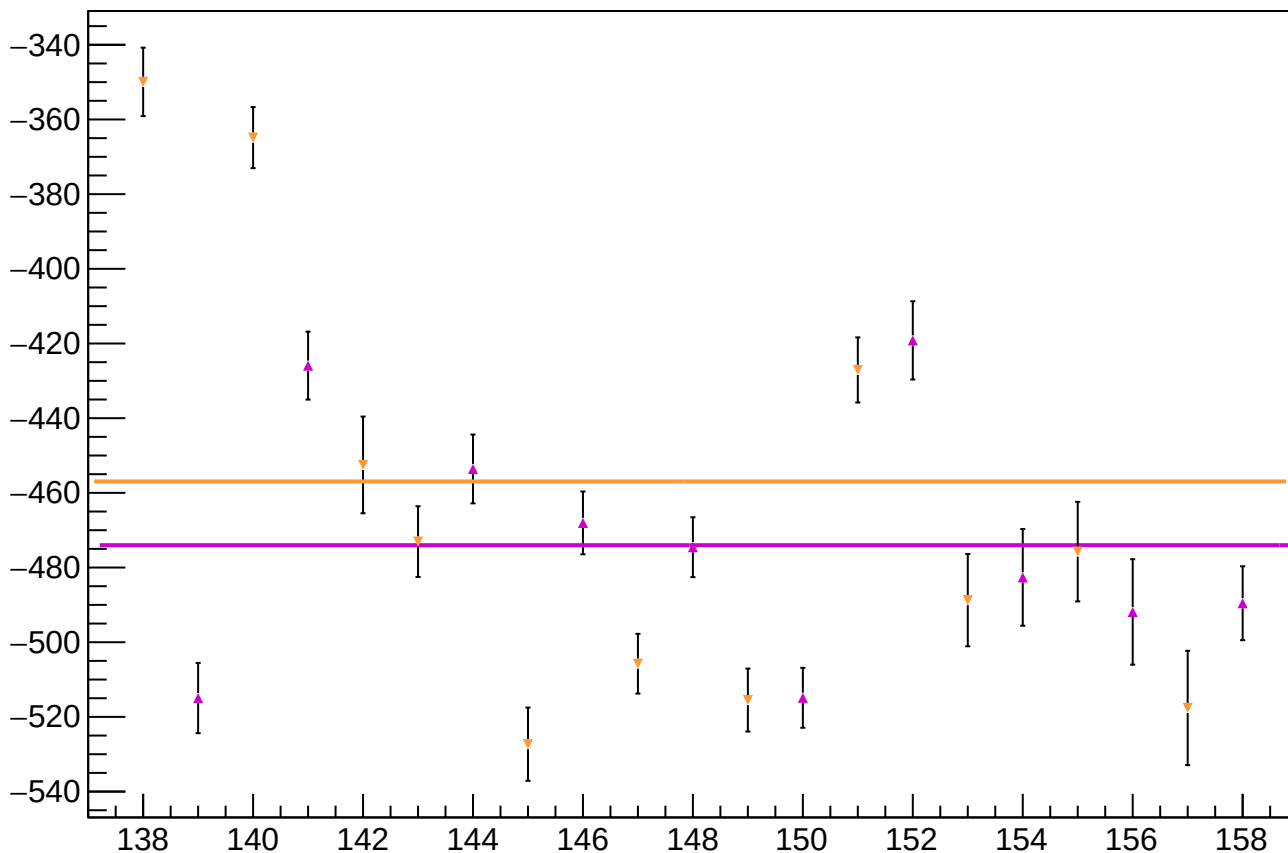
Right: -19.904 ± 0.041 $\chi^2/\text{NDF}: 127953.4/34$

In: -21.939 ± 0.031 $\chi^2/\text{NDF}: 126321.0/26$

Out: -23.064 ± 0.032 $\chi^2/\text{NDF}: 199795.8/28$

All: -22.495 ± 0.022 $\chi^2/\text{NDF}: 326752.0/55$

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -456.941+/-2.966 χ^2/NDF :439.2/10

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: -465.364+/-2.111 χ^2/NDF : 565.8/20

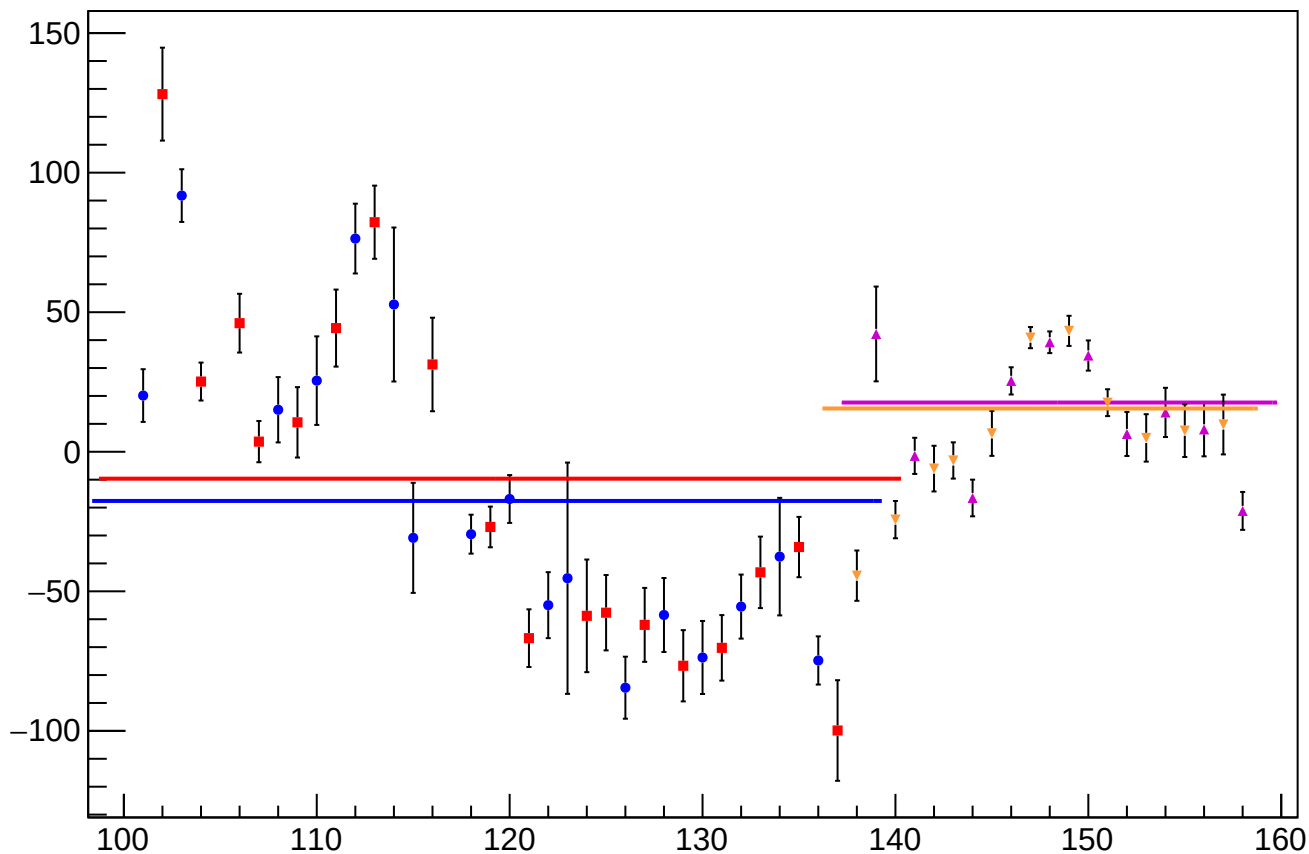
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -474.012+/-3.006 χ^2/NDF :110.2/9

Out: -456.941+/-2.966 χ^2/NDF :439.2/10

All: -465.364+/-2.111 χ^2/NDF : 565.8/20

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: 15.509 ± 1.925 $\chi^2/\text{NDF}: 170.2/10$

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: 16.543 ± 1.381 $\chi^2/\text{NDF}: 287.7/20$

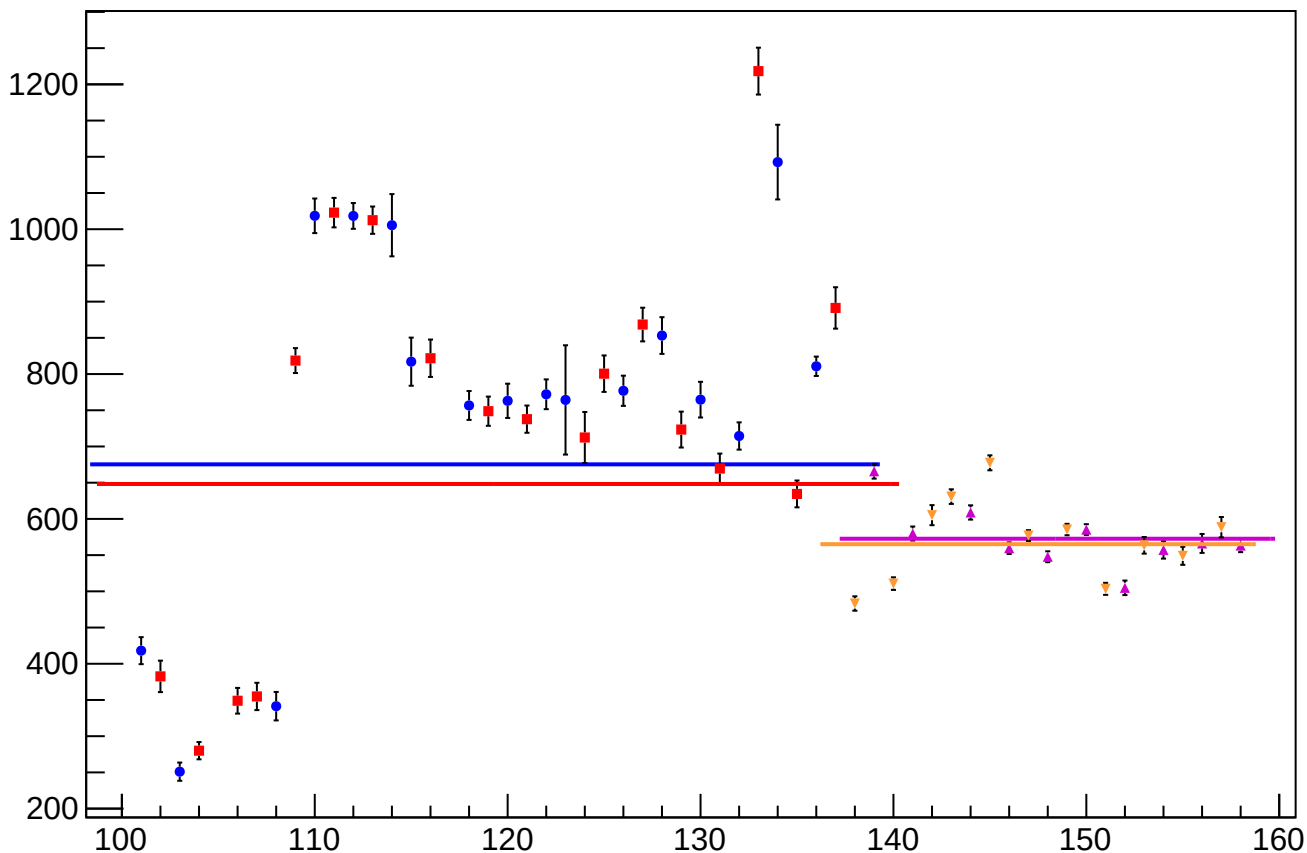
Right: -13.374 ± 1.906 $\chi^2/\text{NDF}: 727.1/34$

In: 5.784 ± 1.616 $\chi^2/\text{NDF}: 585.2/26$

Out: 6.657 ± 1.550 $\chi^2/\text{NDF}: 590.9/28$

All: 6.238 ± 1.119 $\chi^2/\text{NDF}: 1176.3/55$

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 675.339 ± 5.046 χ^2/NDF : 2582.7/16

Left Out: 565.120 ± 2.945 χ^2/NDF : 344.4/10

Right Out: 648.229 ± 4.775 χ^2/NDF : 3059.0/17

Left In: 572.625 ± 2.933 χ^2/NDF : 162.8/9

Left: 568.888 ± 2.078 χ^2/NDF : 510.4/20

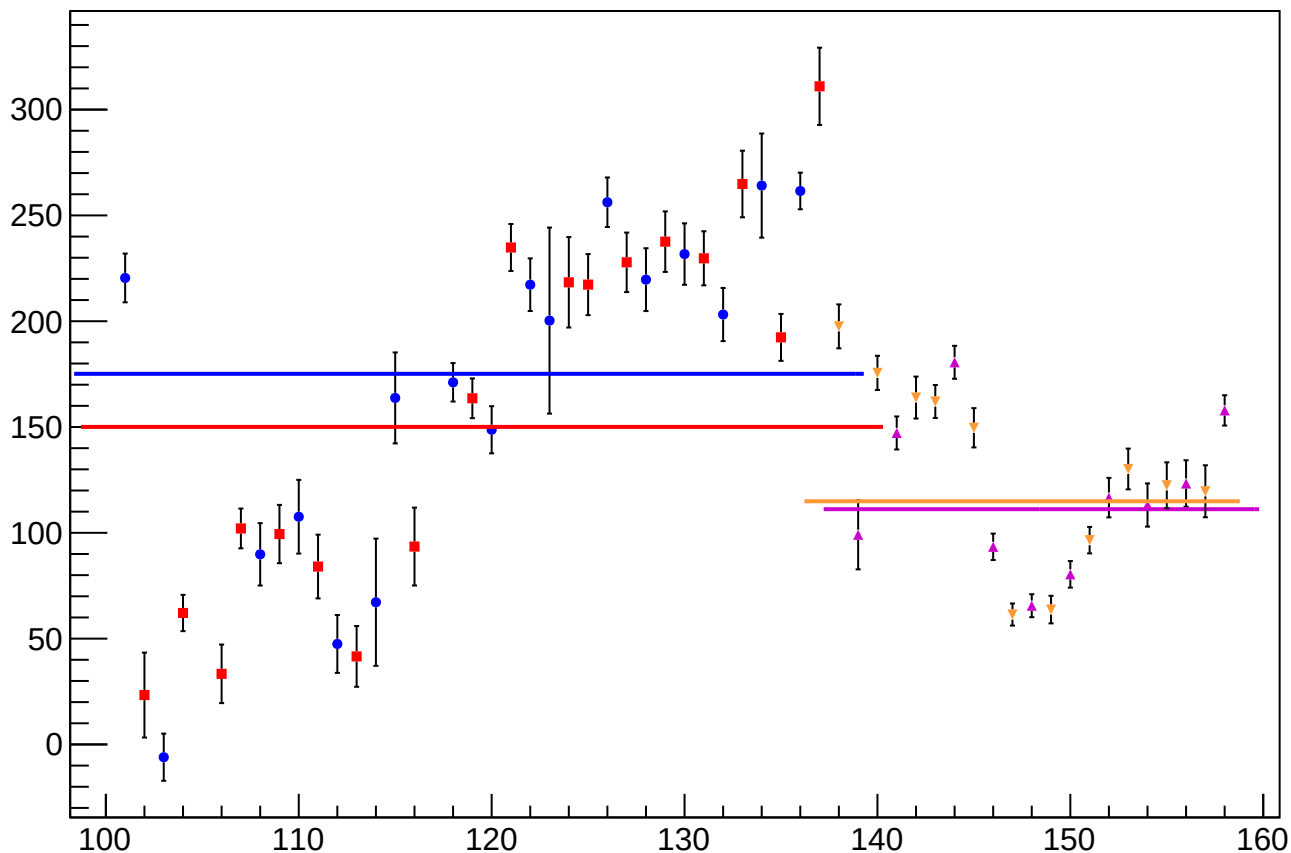
Right: 661.037 ± 3.468 χ^2/NDF : 5656.9/34

In: 598.564 ± 2.536 χ^2/NDF : 3055.2/26

Out: 588.021 ± 2.506 χ^2/NDF : 3622.8/28

All: 593.232 ± 1.783 χ^2/NDF : 6686.8/55

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: 114.913 $\pm$ 2.395 χ^2 /NDF:372.8/10

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: 113.060 $\pm$ 1.703 χ^2 /NDF: 622.0/20

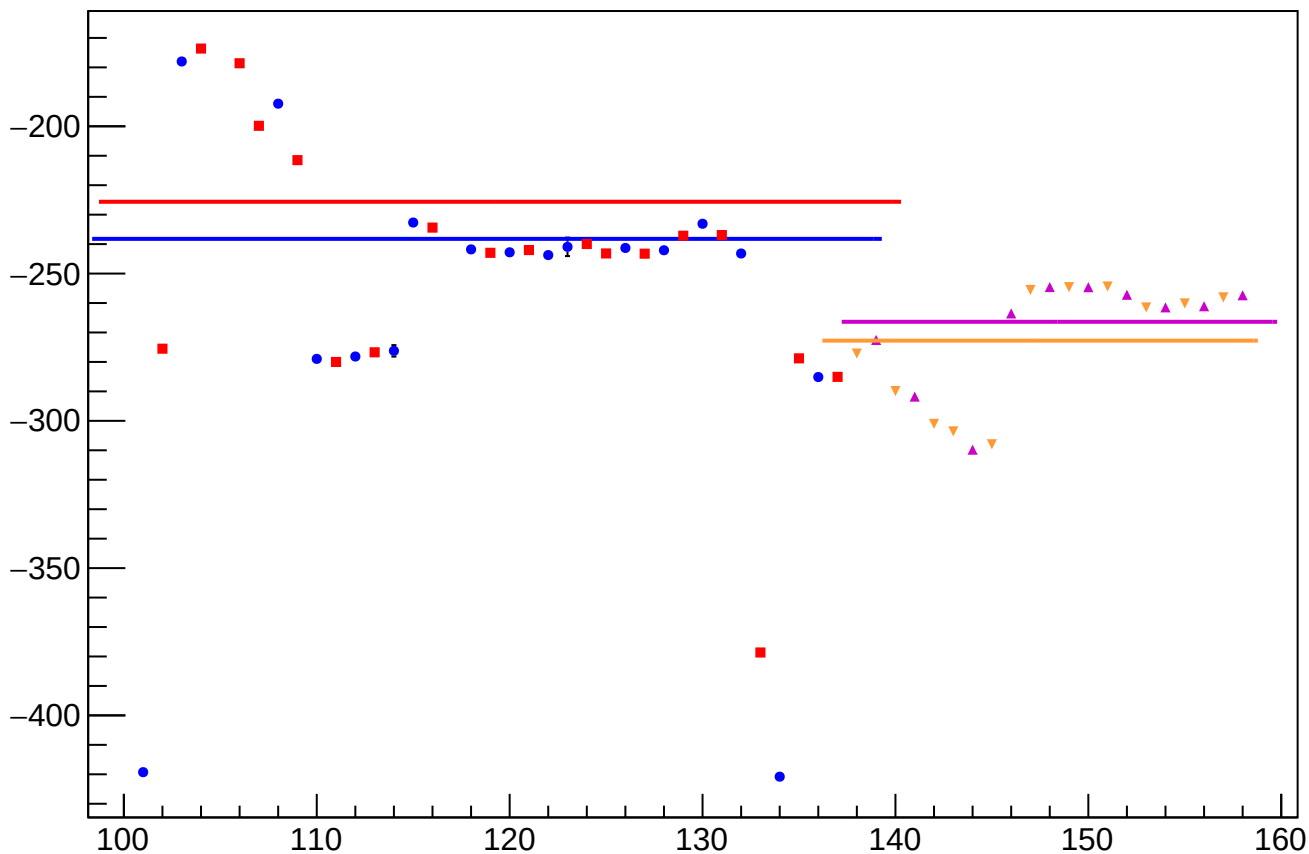
Right: 161.941 $\pm$ 2.209 χ^2 /NDF: 1354.0/34

In: 134.390 $\pm$ 1.934 χ^2 /NDF:1136.7/26

Out: 128.345 $\pm$ 1.883 χ^2 /NDF:1141.3/28

All: 131.287 $\pm$ 1.349 χ^2 /NDF: 2283.0/55

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -238.217+/-0.160 χ^2/NDF : 167098.2/16

Left Out: -272.765+/-0.121 χ^2/NDF : 28222.4/10

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: -269.471+/-0.084 χ^2/NDF : 48649.3/20

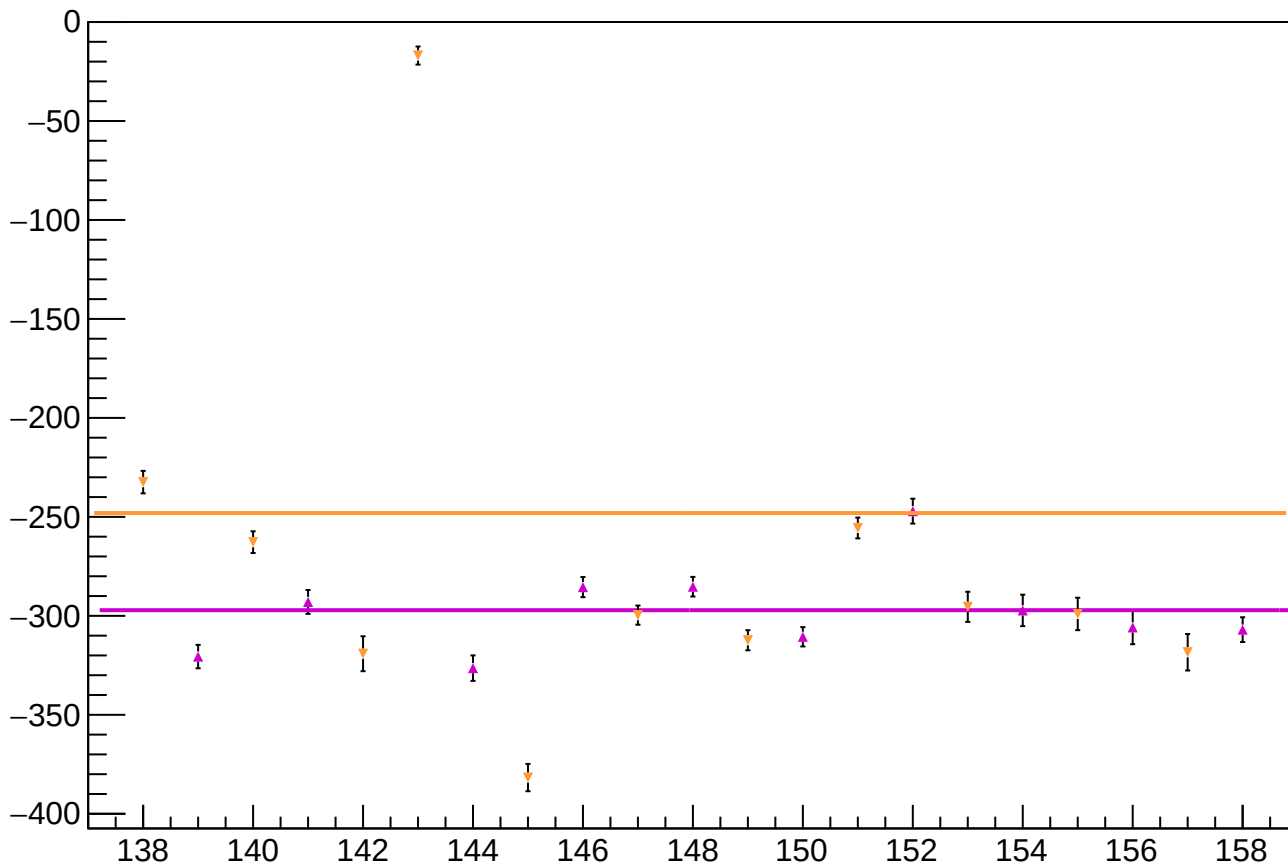
Right: -231.577+/-0.110 χ^2/NDF : 265811.9/34

In: -256.548+/-0.095 χ^2/NDF : 206227.6/26

Out: -254.450+/-0.094 χ^2/NDF : 182824.9/28

All: -255.498+/-0.067 χ^2/NDF : 389298.8/55

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -297.144+/-1.882 χ^2/NDF :122.3/9

Left: -271.553+/-1.302 χ^2/NDF : 3909.6/20

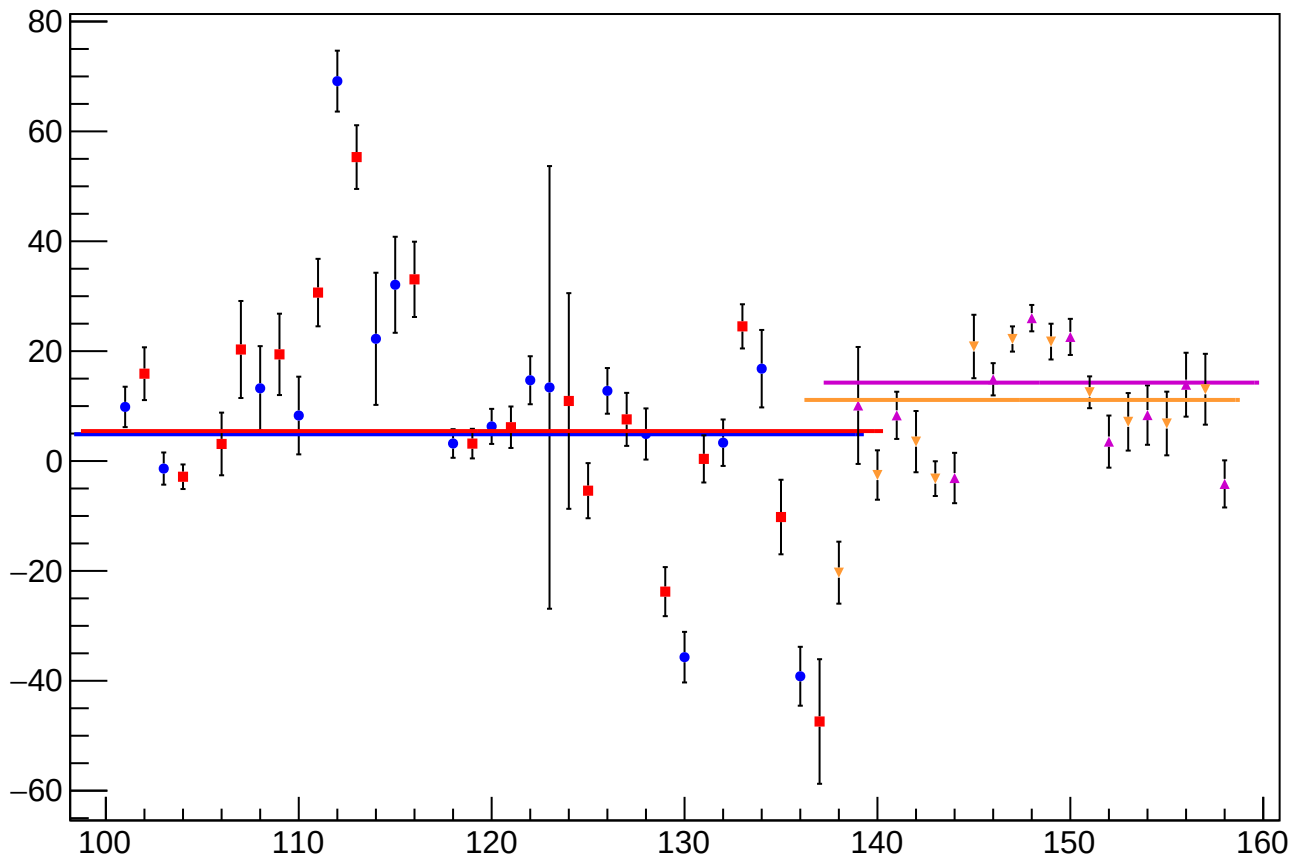
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -297.144+/-1.882 χ^2/NDF :122.3/9

Out: -248.066+/-1.803 χ^2/NDF :3432.7/10

All: -271.553+/-1.302 χ^2/NDF : 3909.6/20

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.870 $\pm$ 1.091 χ^2/NDF : 311.5/16

Left Out: 11.120 $\pm$ 1.165 χ^2/NDF :100.9/10

Right Out: 5.450 $\pm$ 1.071 χ^2/NDF : 231.5/17

Left In: 14.270 $\pm$ 1.235 χ^2/NDF :71.6/9

Left: 12.603 $\pm$ 0.847 χ^2/NDF : 176.0/20

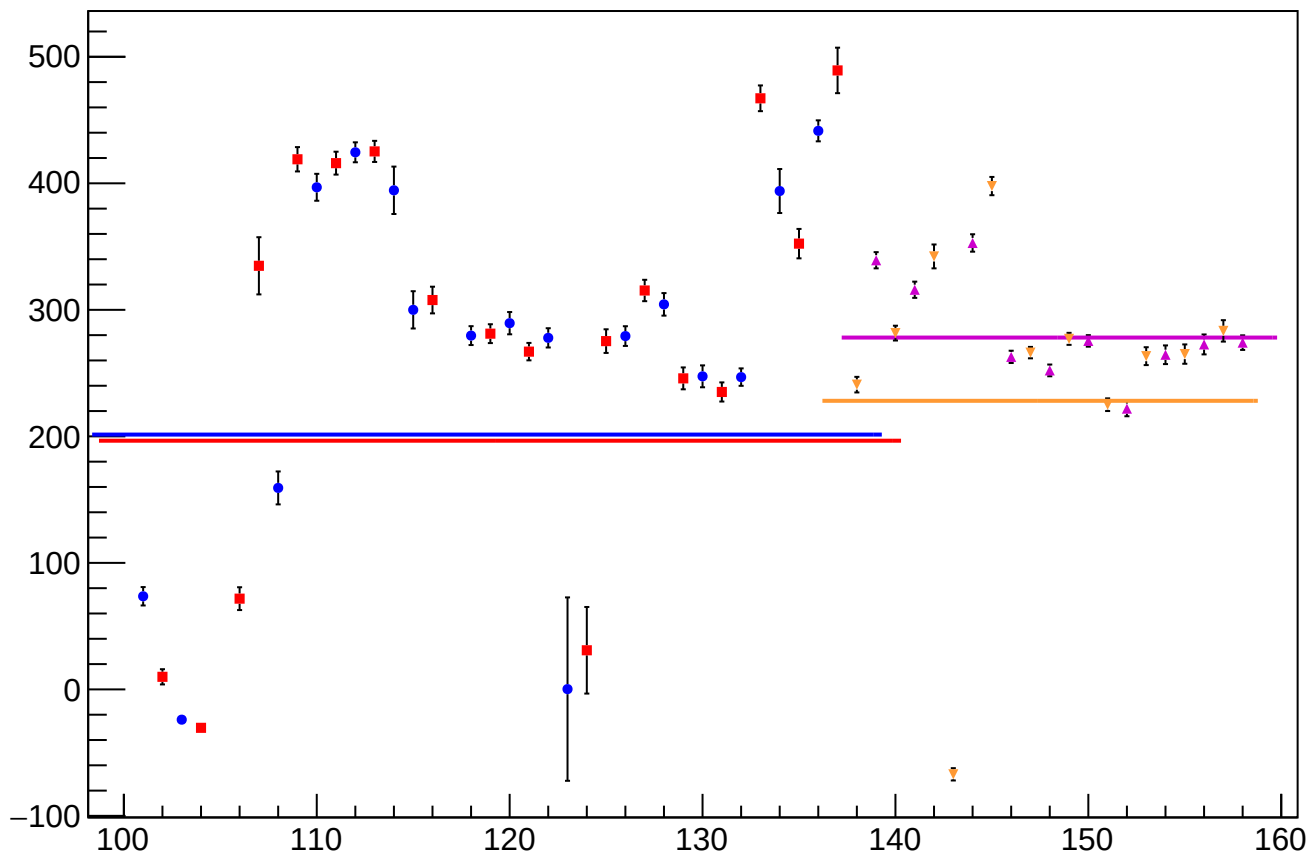
Right: 5.165 $\pm$ 0.764 χ^2/NDF : 543.2/34

In: 8.988 $\pm$ 0.818 χ^2/NDF :415.7/26

Out: 8.047 $\pm$ 0.788 χ^2/NDF :345.3/28

All: 8.501 $\pm$ 0.568 χ^2/NDF : 761.7/55

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: 228.095 $\pm$ 1.789 χ^2 /NDF: 4733.8/10

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: 252.534 $\pm$ 1.279 χ^2 /NDF: 5491.7/20

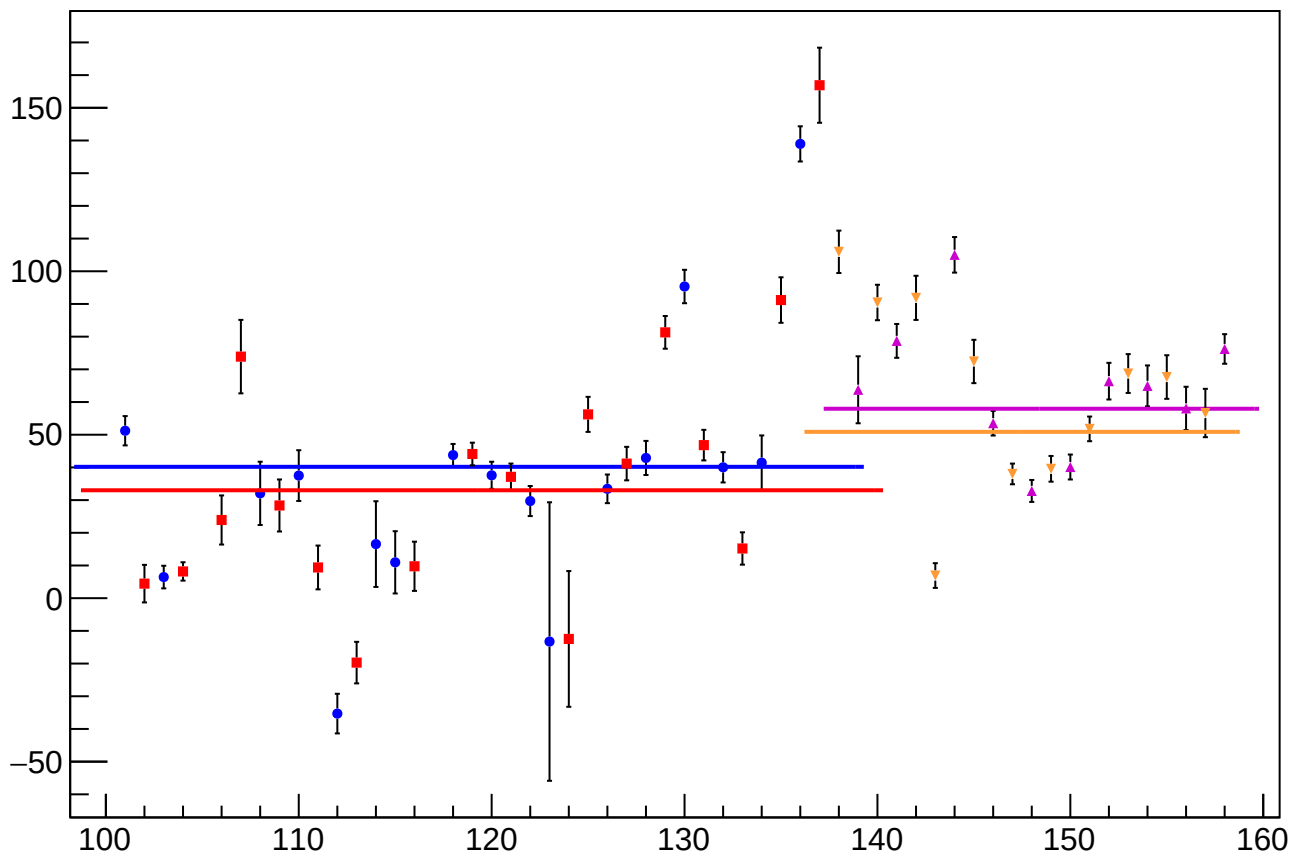
Right: 198.933 $\pm$ 1.380 χ^2 /NDF: 14921.6/34

In: 242.650 $\pm$ 1.342 χ^2 /NDF: 7928.6/26

Out: 213.532 $\pm$ 1.312 χ^2 /NDF: 13055.3/28

All: 227.771 $\pm$ 0.938 χ^2 /NDF: 21224.6/55

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.183 $\pm$ 1.270 χ^2 /NDF: 734.0/16

Left Out: 50.881 $\pm$ 1.449 χ^2 /NDF:348.8/10

Right Out: 33.009 $\pm$ 1.253 χ^2 /NDF: 547.2/17

Left In: 57.944 $\pm$ 1.512 χ^2 /NDF:190.4/9

Left: 54.263 $\pm$ 1.046 χ^2 /NDF: 550.6/20

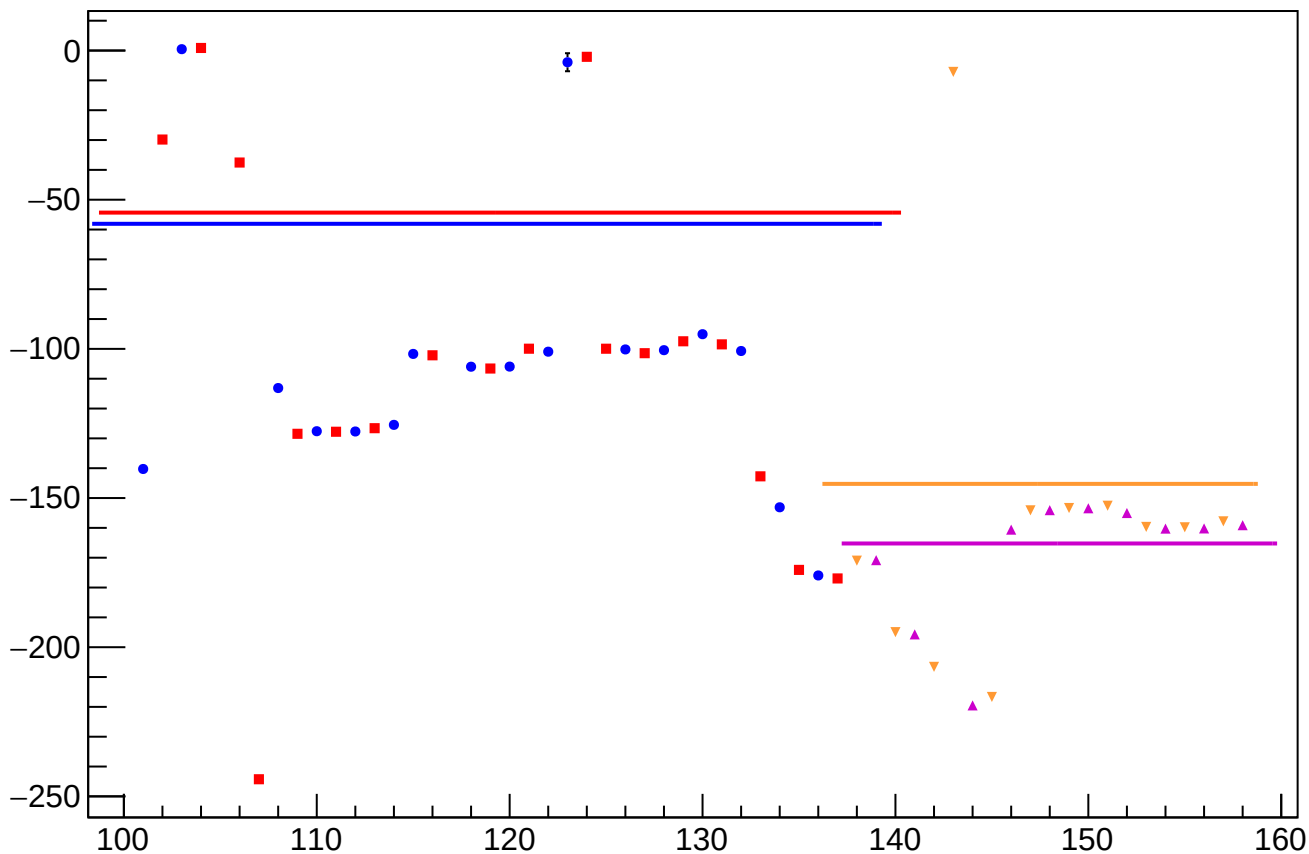
Right: 36.547 $\pm$ 0.892 χ^2 /NDF: 1297.4/34

In: 47.532 $\pm$ 0.972 χ^2 /NDF:1005.4/26

Out: 40.654 $\pm$ 0.948 χ^2 /NDF:983.0/28

All: 44.005 $\pm$ 0.679 χ^2 /NDF: 2014.1/55

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.077 $\pm$ 0.062 χ^2 /NDF: 1104437.7/16

Left Out: -145.253 $\pm$ 0.073 χ^2 /NDF: 650064.3/10

Right Out: -54.323 $\pm$ 0.060 χ^2 /NDF: 991053.6/17

Left In: -165.231 $\pm$ 0.073 χ^2 /NDF: 57446.9/9

Left: -155.278 $\pm$ 0.052 χ^2 /NDF: 744793.3/20

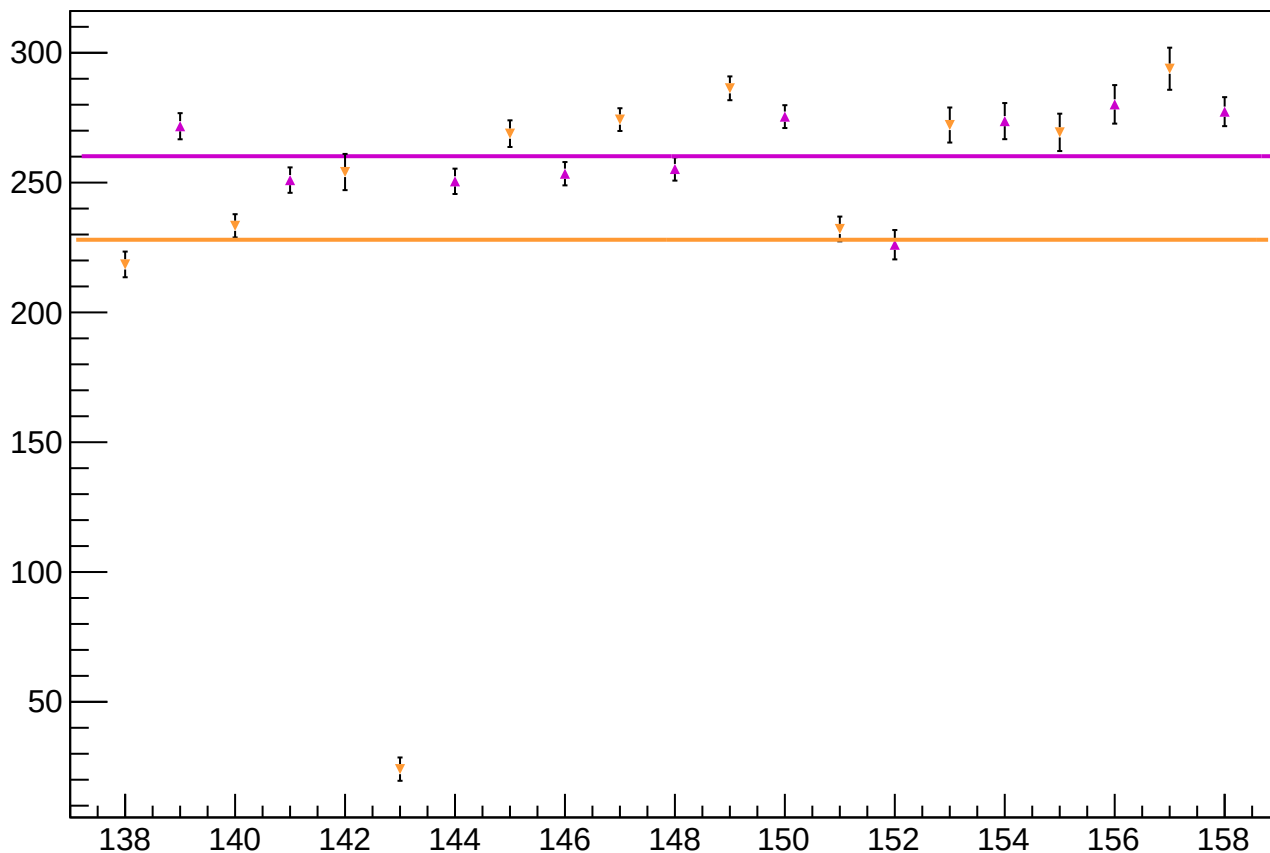
Right: -56.164 $\pm$ 0.043 χ^2 /NDF: 2097382.5/34

In: -102.638 $\pm$ 0.047 χ^2 /NDF: 2419412.2/26

Out: -91.127 $\pm$ 0.047 χ^2 /NDF: 2557283.6/28

All: -96.826 $\pm$ 0.033 χ^2 /NDF: 5006863.0/55

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: 227.987+/-1.583 χ^2/NDF :2559.9/10

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: 243.603+/-1.136 χ^2/NDF : 2845.4/20

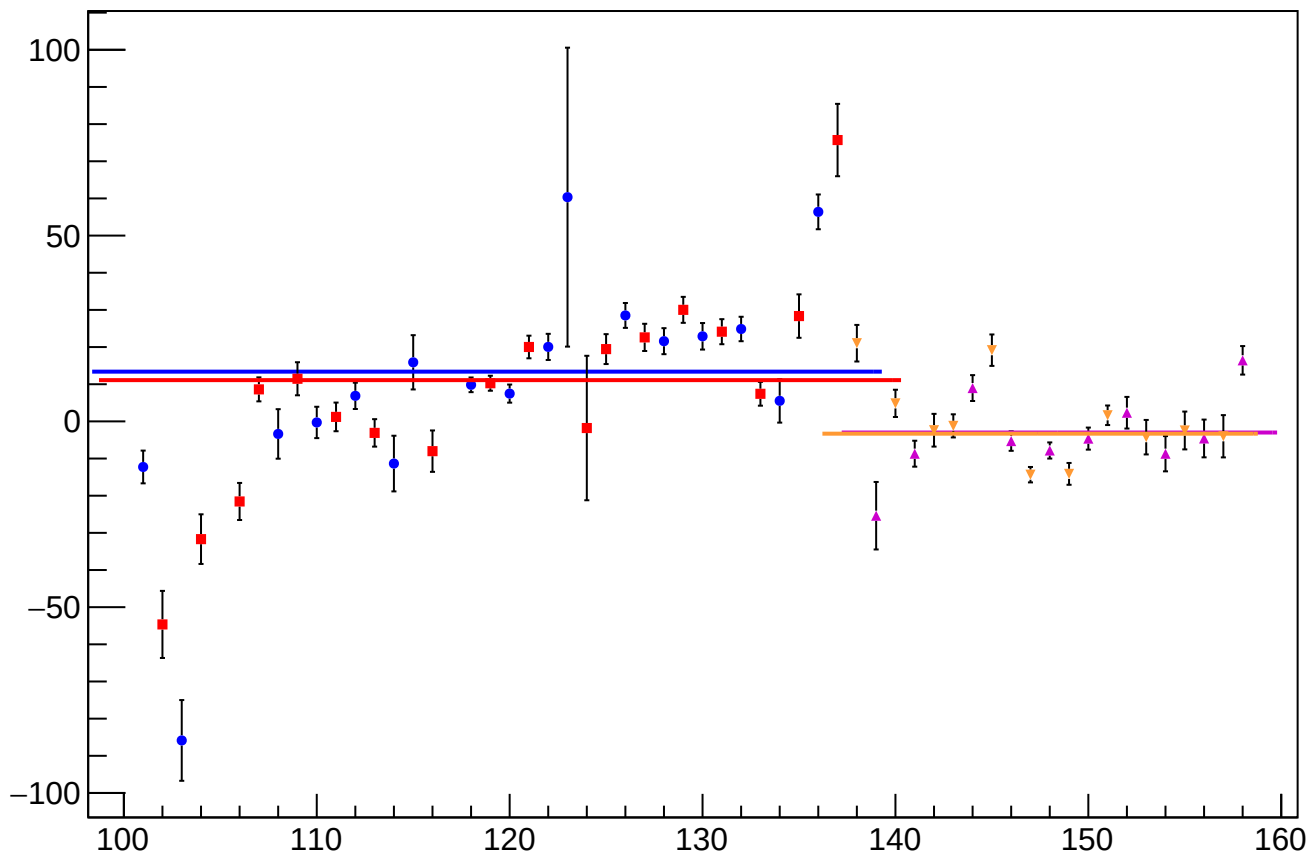
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 260.164+/-1.630 χ^2/NDF :85.0/9

Out: 227.987+/-1.583 χ^2/NDF :2559.9/10

All: 243.603+/-1.136 χ^2/NDF : 2845.4/20

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.385 ± 0.921 χ^2/NDF : 294.1/16

Left Out: -3.308 ± 1.035 χ^2/NDF : 103.6/10

Right Out: 11.101 ± 0.915 χ^2/NDF : 292.2/17

Left In: -2.999 ± 1.082 χ^2/NDF : 55.3/9

Left: -3.160 ± 0.748 χ^2/NDF : 158.9/20

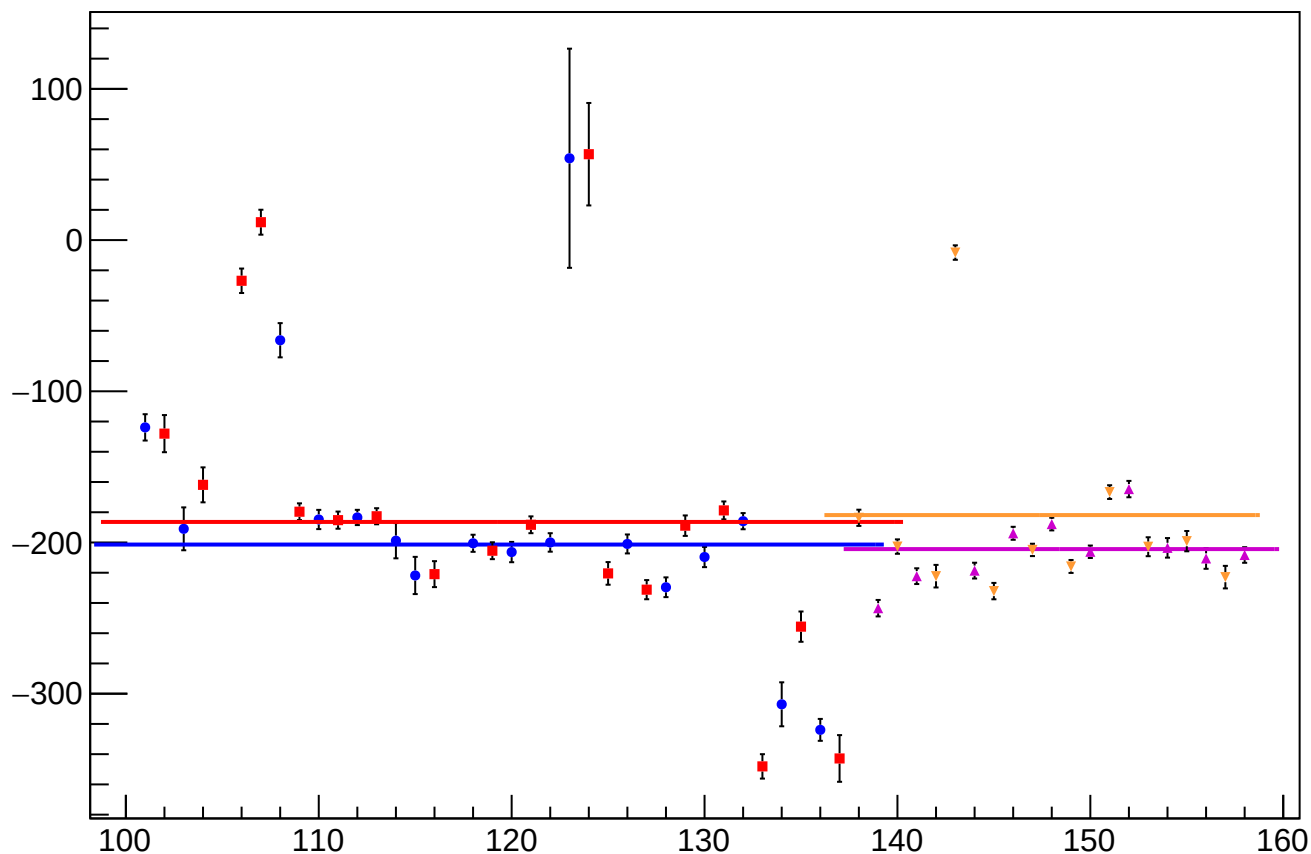
Right: 12.236 ± 0.649 χ^2/NDF : 589.4/34

In: 6.502 ± 0.701 χ^2/NDF : 482.3/26

Out: 4.773 ± 0.686 χ^2/NDF : 504.6/28

All: 5.618 ± 0.490 χ^2/NDF : 990.0/55

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -201.367 ± 1.784 χ^2/NDF : 625.0/16

Left Out: -181.872 ± 1.576 χ^2/NDF : 1601.5/10

Right Out: -186.409 ± 1.703 χ^2/NDF : 1699.5/17

Left In: -204.366 ± 1.593 χ^2/NDF : 147.5/9

Left: -192.996 ± 1.120 χ^2/NDF : 1849.8/20

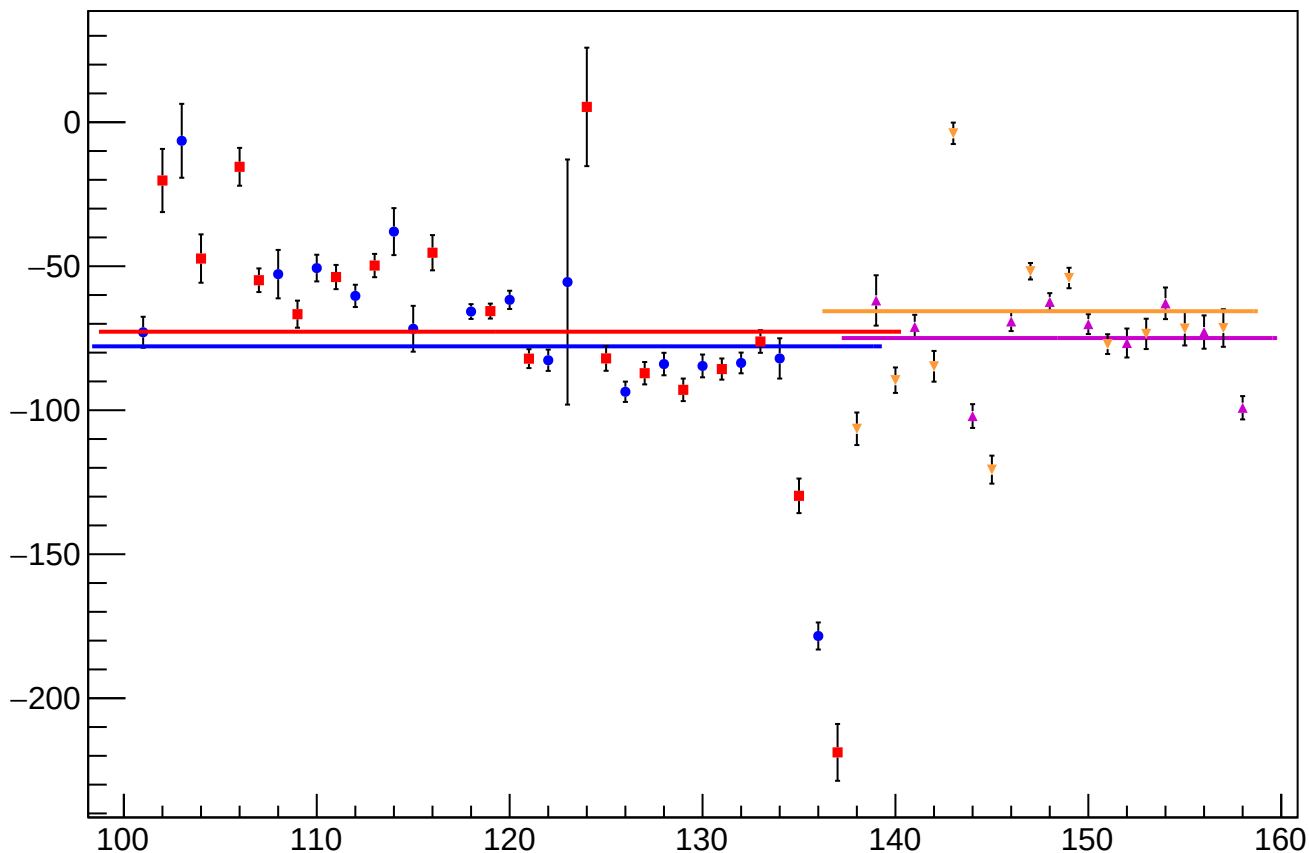
Right: -193.544 ± 1.232 χ^2/NDF : 2361.2/34

In: -203.035 ± 1.188 χ^2/NDF : 774.0/26

Out: -183.965 ± 1.157 χ^2/NDF : 3304.8/28

All: -193.244 ± 0.829 χ^2/NDF : 4211.1/55

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -77.818 ± 1.068 χ^2/NDF : 656.4/16

Left Out: -65.615 ± 1.283 χ^2/NDF : 547.3/10

Right Out: -72.734 ± 1.054 χ^2/NDF : 599.0/17

Left In: -74.942 ± 1.320 χ^2/NDF : 109.0/9

Left: -70.145 ± 0.920 χ^2/NDF : 681.9/20

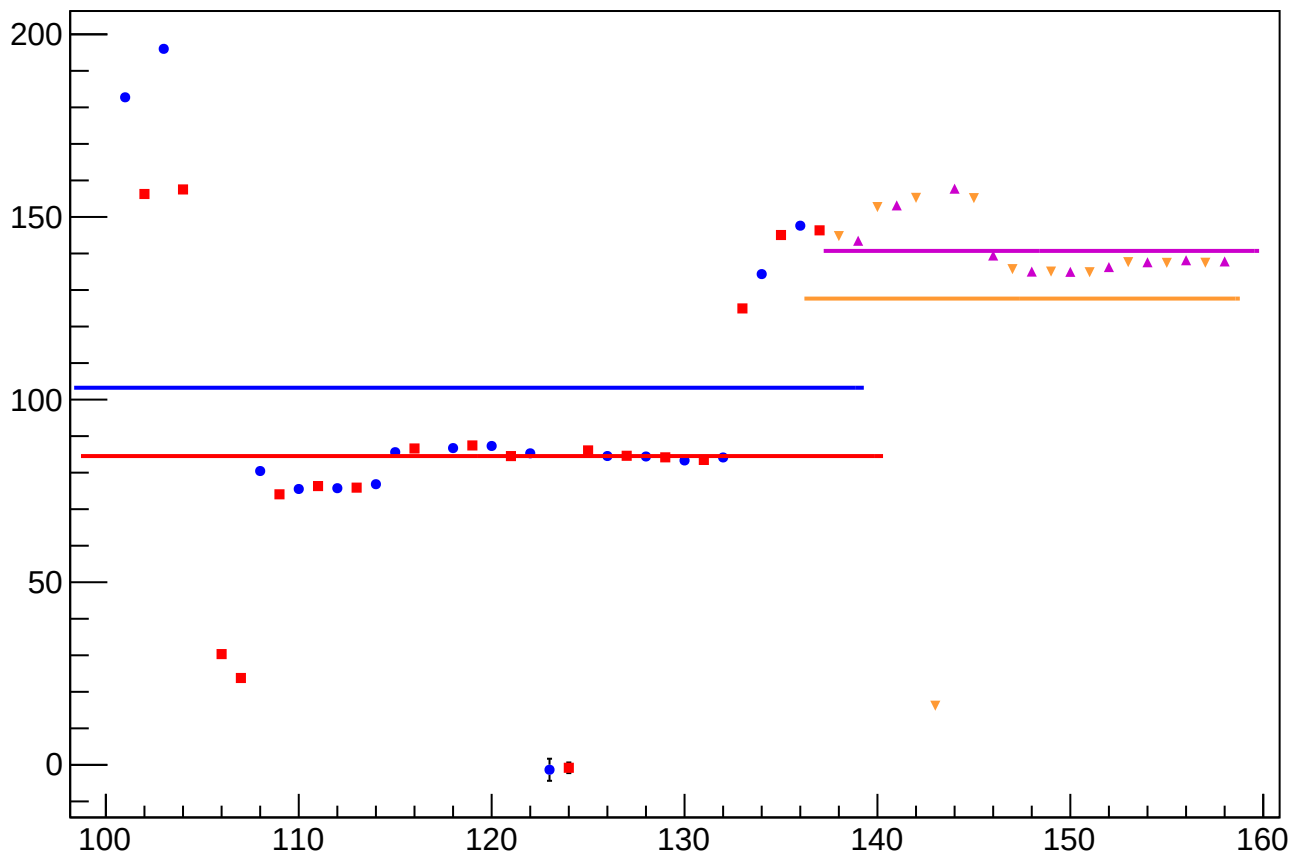
Right: -75.241 ± 0.750 χ^2/NDF : 1266.8/34

In: -76.681 ± 0.830 χ^2/NDF : 768.2/26

Out: -69.867 ± 0.814 χ^2/NDF : 1164.6/28

All: -73.207 ± 0.581 χ^2/NDF : 1967.2/55

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 103.247 $\pm$ 0.070 χ^2 /NDF: 273390.3/16

Left Out: 127.654 $\pm$ 0.064 χ^2 /NDF: 391972.4/10

Right Out: 84.542 $\pm$ 0.064 χ^2 /NDF: 411395.0/17

Left In: 140.706 $\pm$ 0.064 χ^2 /NDF: 12364.4/9

Left: 134.263 $\pm$ 0.045 χ^2 /NDF: 425112.7/20

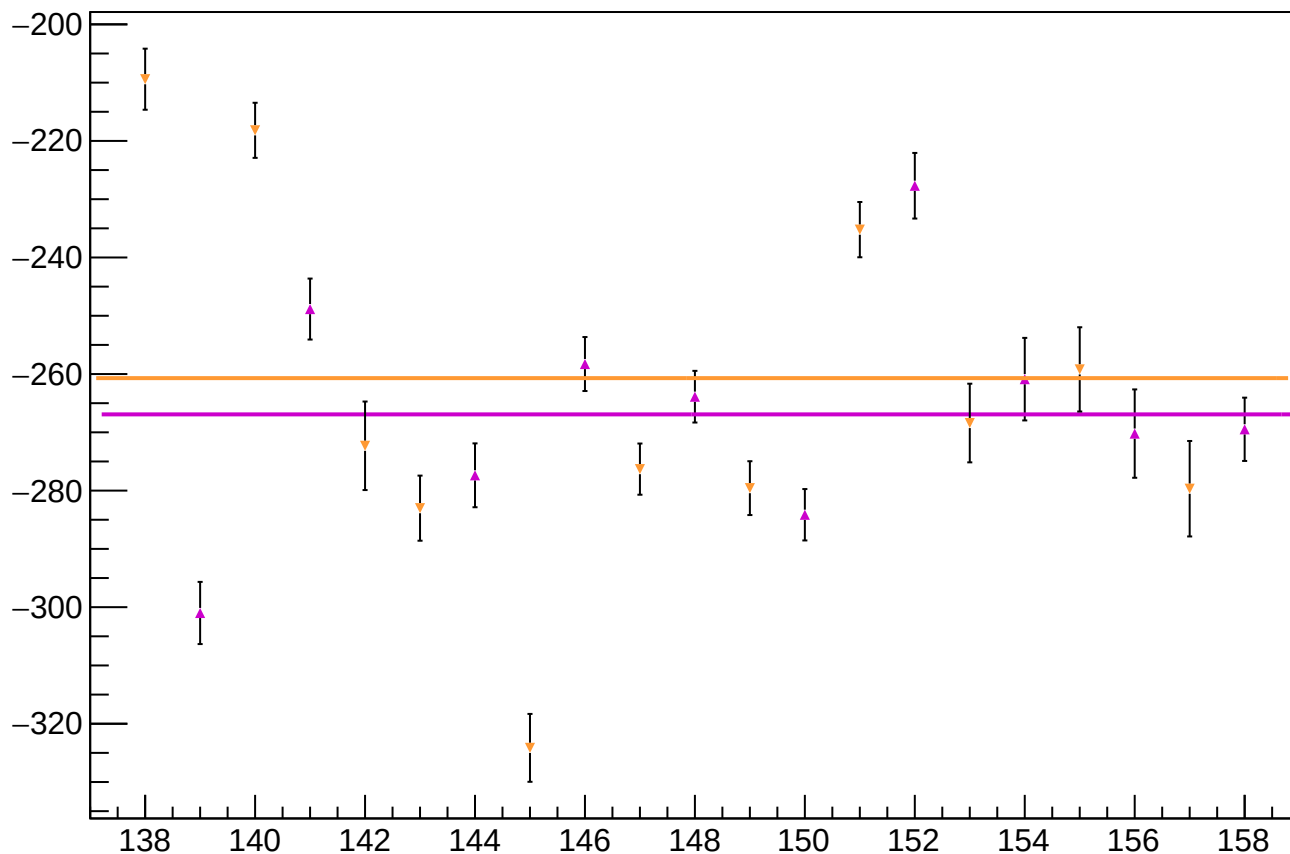
Right: 92.986 $\pm$ 0.047 χ^2 /NDF: 723450.6/34

In: 123.882 $\pm$ 0.047 χ^2 /NDF: 441451.3/26

Out: 105.923 $\pm$ 0.045 χ^2 /NDF: 1029022.9/28

All: 114.545 $\pm$ 0.033 χ^2 /NDF: 1545672.6/55

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: -260.700+/-1.668 χ^2/NDF :378.7/10

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: -263.799+/-1.182 χ^2/NDF : 510.9/20

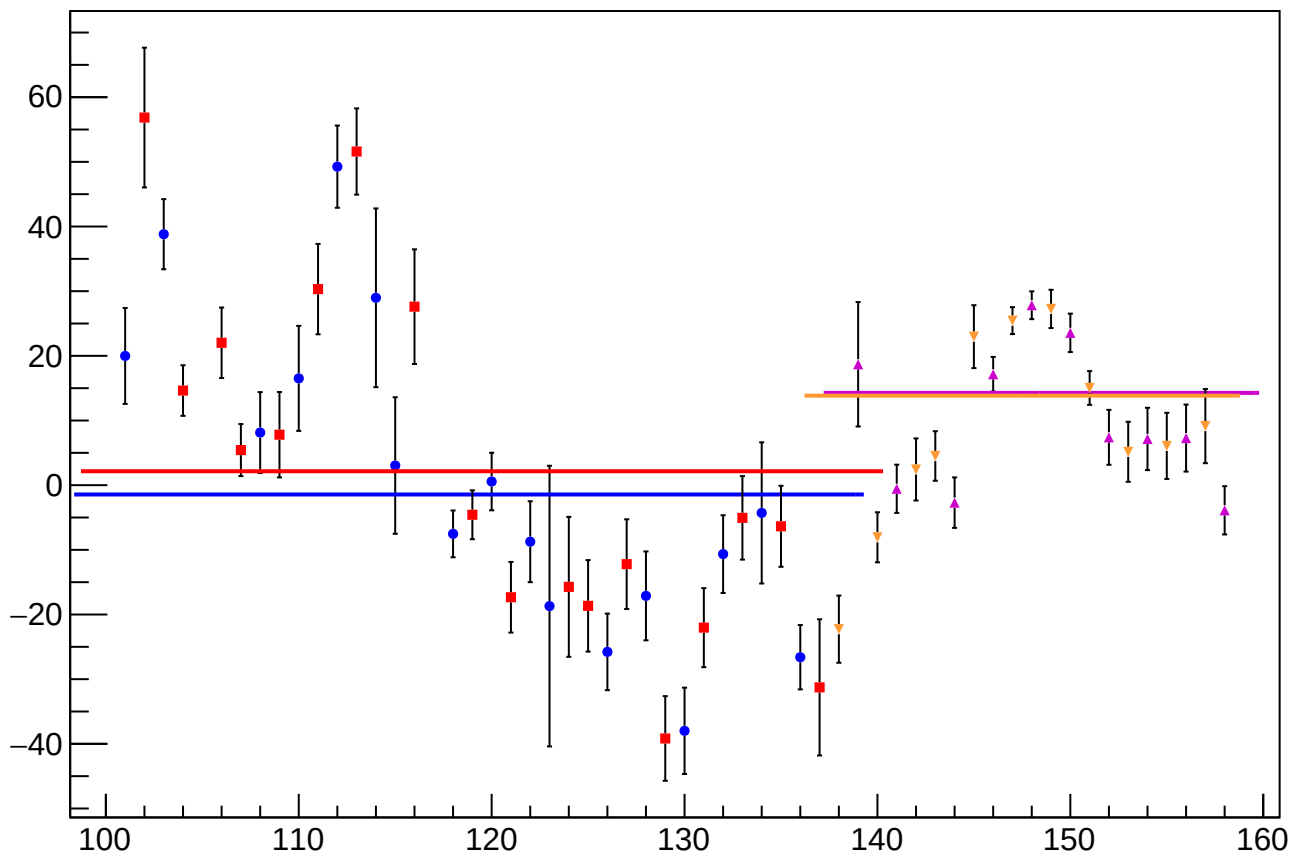
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -266.921+/-1.674 χ^2/NDF :125.3/9

Out: -260.700+/-1.668 χ^2/NDF :378.7/10

All: -263.799+/-1.182 χ^2/NDF : 510.9/20

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: 13.845 ± 1.076 χ^2/NDF : 153.8/10

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: 14.052 ± 0.769 χ^2/NDF : 269.8/20

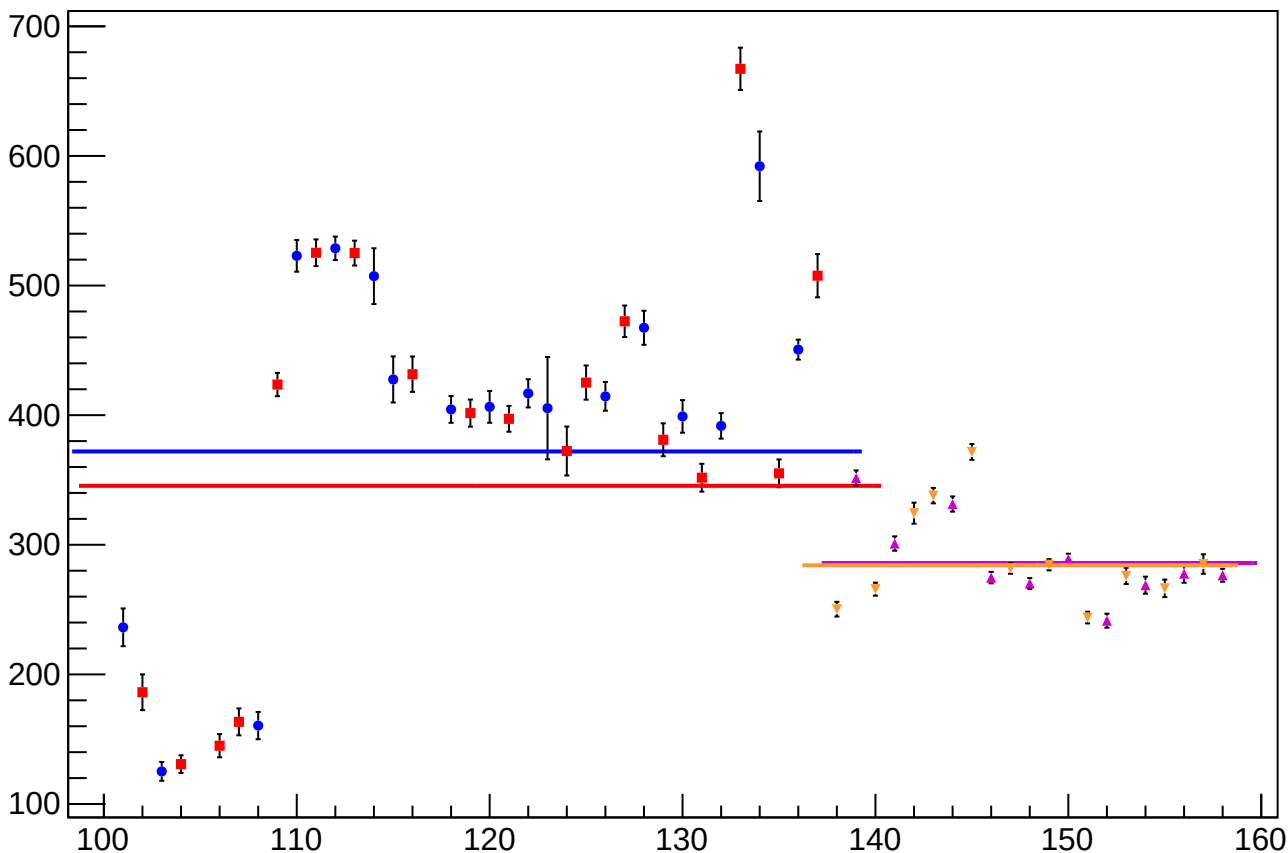
Right: 0.500 ± 1.029 χ^2/NDF : 457.6/34

In: 8.845 ± 0.891 χ^2/NDF : 410.7/26

Out: 9.510 ± 0.853 χ^2/NDF : 427.8/28

All: 9.192 ± 0.616 χ^2/NDF : 838.7/55

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 371.997 $\pm$ 2.765 χ^2 /NDF: 2431.2/16

Left Out: 284.210 $\pm$ 1.649 χ^2 /NDF: 448.4/10

Right Out: 345.473 $\pm$ 2.564 χ^2 /NDF: 3401.6/17

Left In: 285.942 $\pm$ 1.629 χ^2 /NDF: 298.1/9

Left: 285.086 $\pm$ 1.159 χ^2 /NDF: 747.0/20

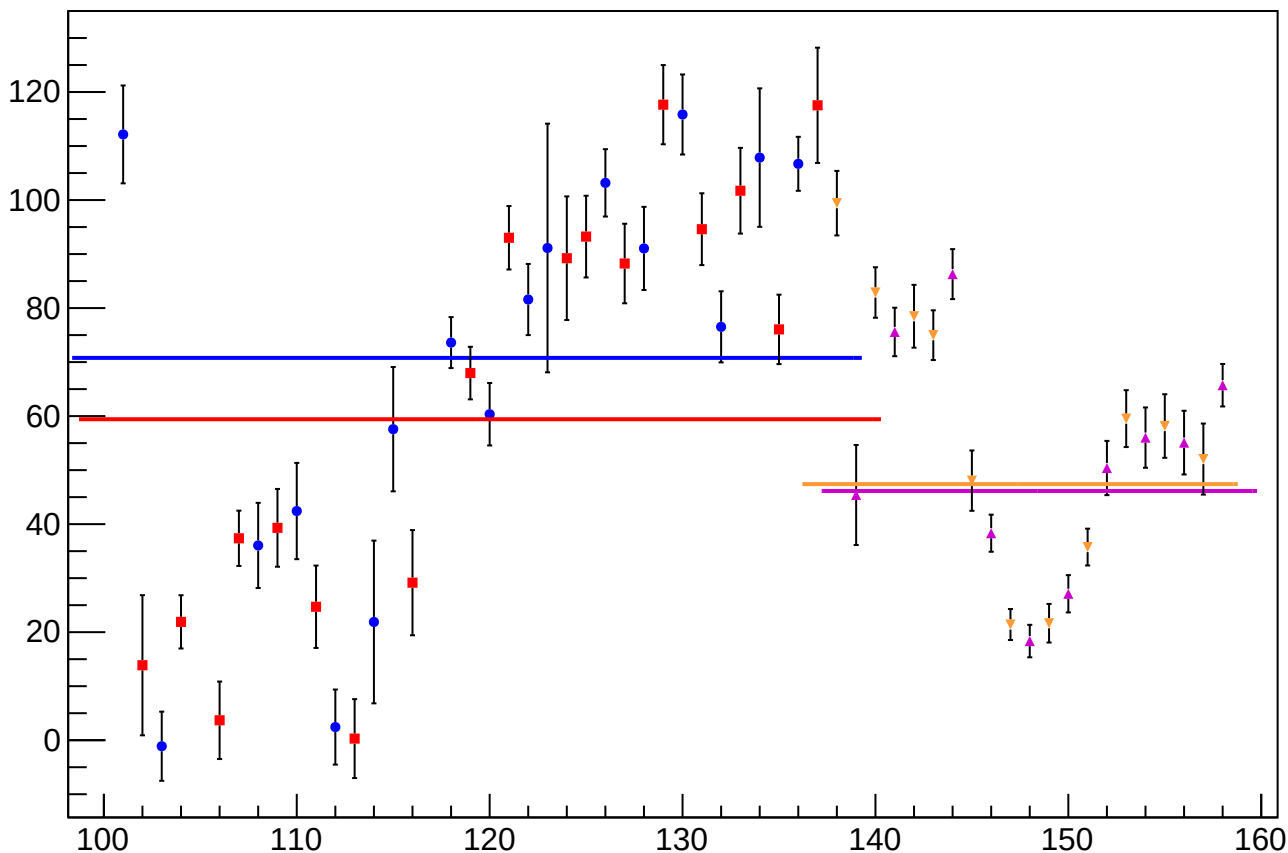
Right: 357.739 $\pm$ 1.880 χ^2 /NDF: 5882.3/34

In: 308.118 $\pm$ 1.403 χ^2 /NDF: 3448.4/26

Out: 302.129 $\pm$ 1.387 χ^2 /NDF: 4253.8/28

All: 305.087 $\pm$ 0.986 χ^2 /NDF: 7711.5/55

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: 47.410 $\pm$ 1.340 χ^2 /NDF:352.7/10

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: 46.777 $\pm$ 0.950 χ^2 /NDF: 623.3/20

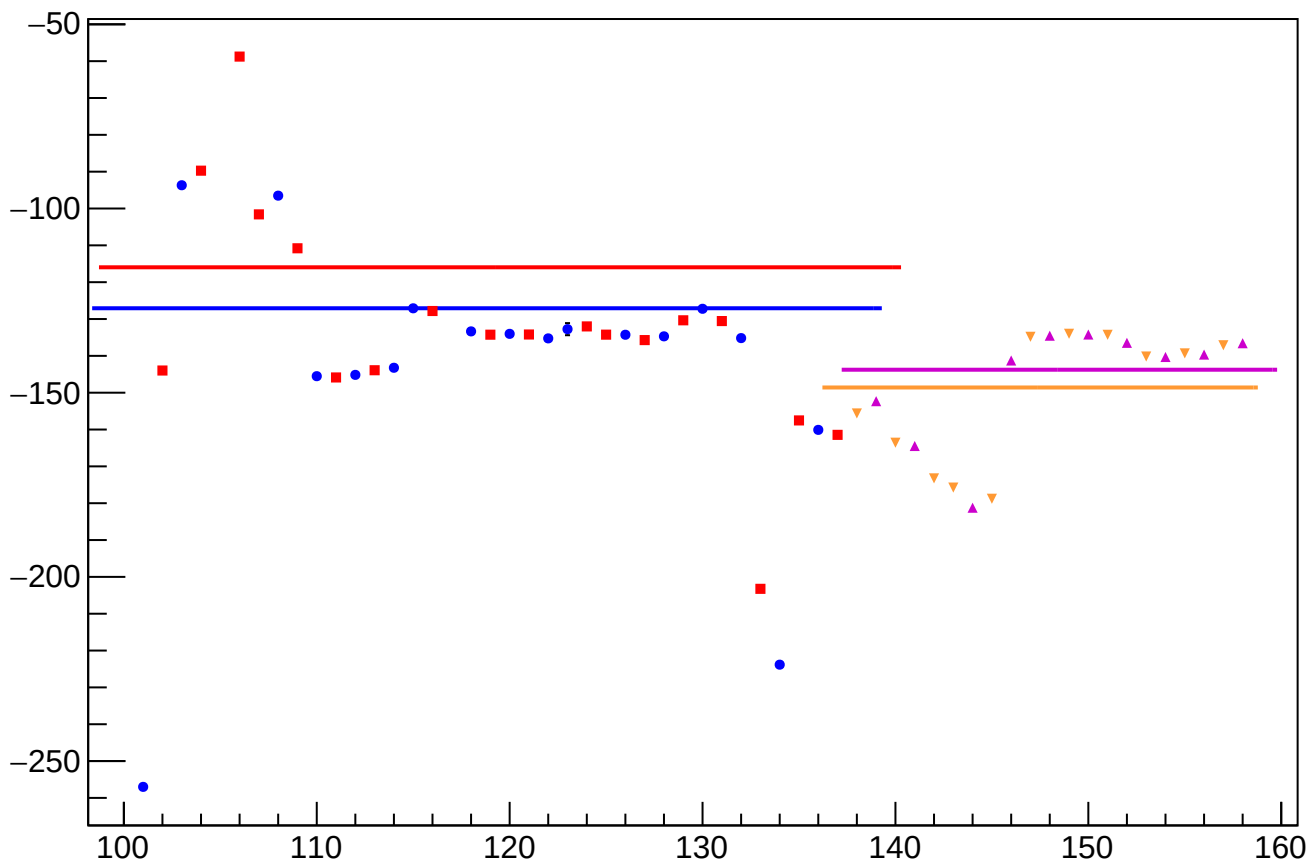
Right: 64.716 $\pm$ 1.193 χ^2 /NDF: 933.1/34

In: 55.314 $\pm$ 1.066 χ^2 /NDF:819.0/26

Out: 52.248 $\pm$ 1.036 χ^2 /NDF:871.6/28

All: 53.737 $\pm$ 0.743 χ^2 /NDF: 1694.9/55

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.076+/-0.090 χ^2/NDF : 167028.9/16

Left Out: -148.586+/-0.068 χ^2/NDF : 61209.4/10

Right Out: -115.959+/-0.083 χ^2/NDF : 158983.0/17

Left In: -143.764+/-0.065 χ^2/NDF : 40662.8/9

Left: -146.081+/-0.047 χ^2/NDF : 104516.6/20

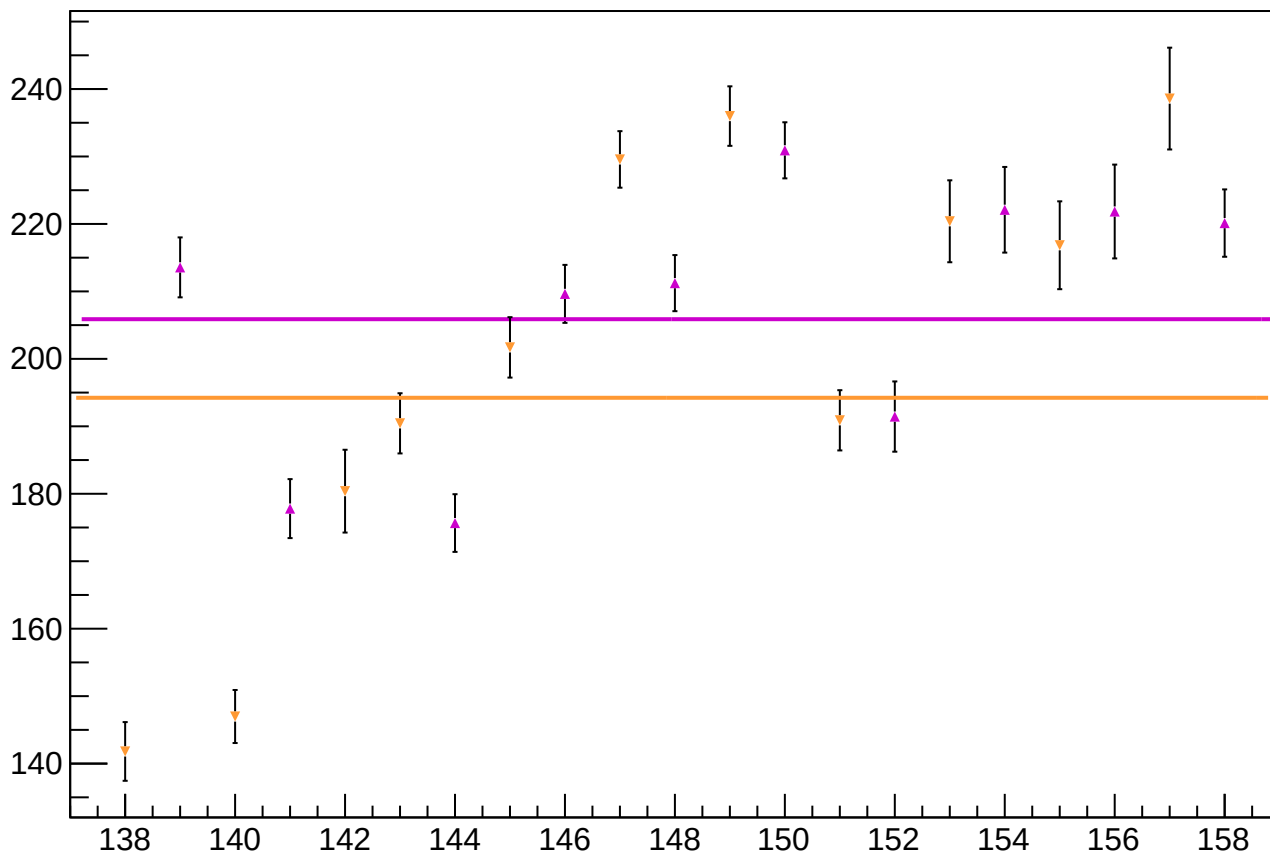
Right: -121.099+/-0.061 χ^2/NDF : 334303.0/34

In: -138.004+/-0.053 χ^2/NDF : 230443.9/26

Out: -135.580+/-0.052 χ^2/NDF : 313079.5/28

All: -136.788+/-0.037 χ^2/NDF : 544589.3/55

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: 194.231+/-1.457 χ^2/NDF :524.7/10

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: 199.922+/-1.042 χ^2/NDF : 716.4/20

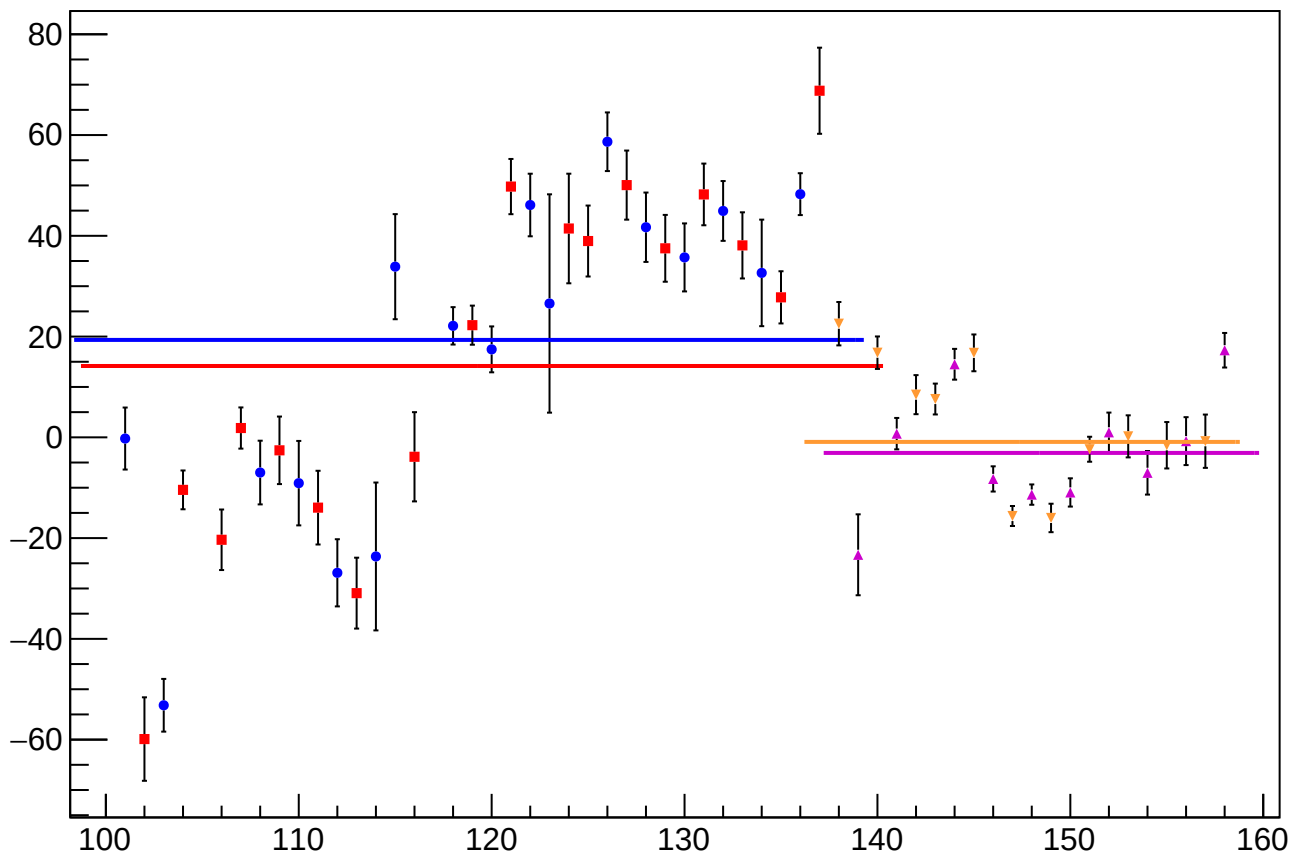
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 205.880+/-1.491 χ^2/NDF :160.5/9

Out: 194.231+/-1.457 χ^2/NDF :524.7/10

All: 199.922+/-1.042 χ^2/NDF : 716.4/20

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: -0.906 ± 0.962 $\chi^2/\text{NDF}: 180.8/10$

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: -1.960 ± 0.692 $\chi^2/\text{NDF}: 290.6/20$

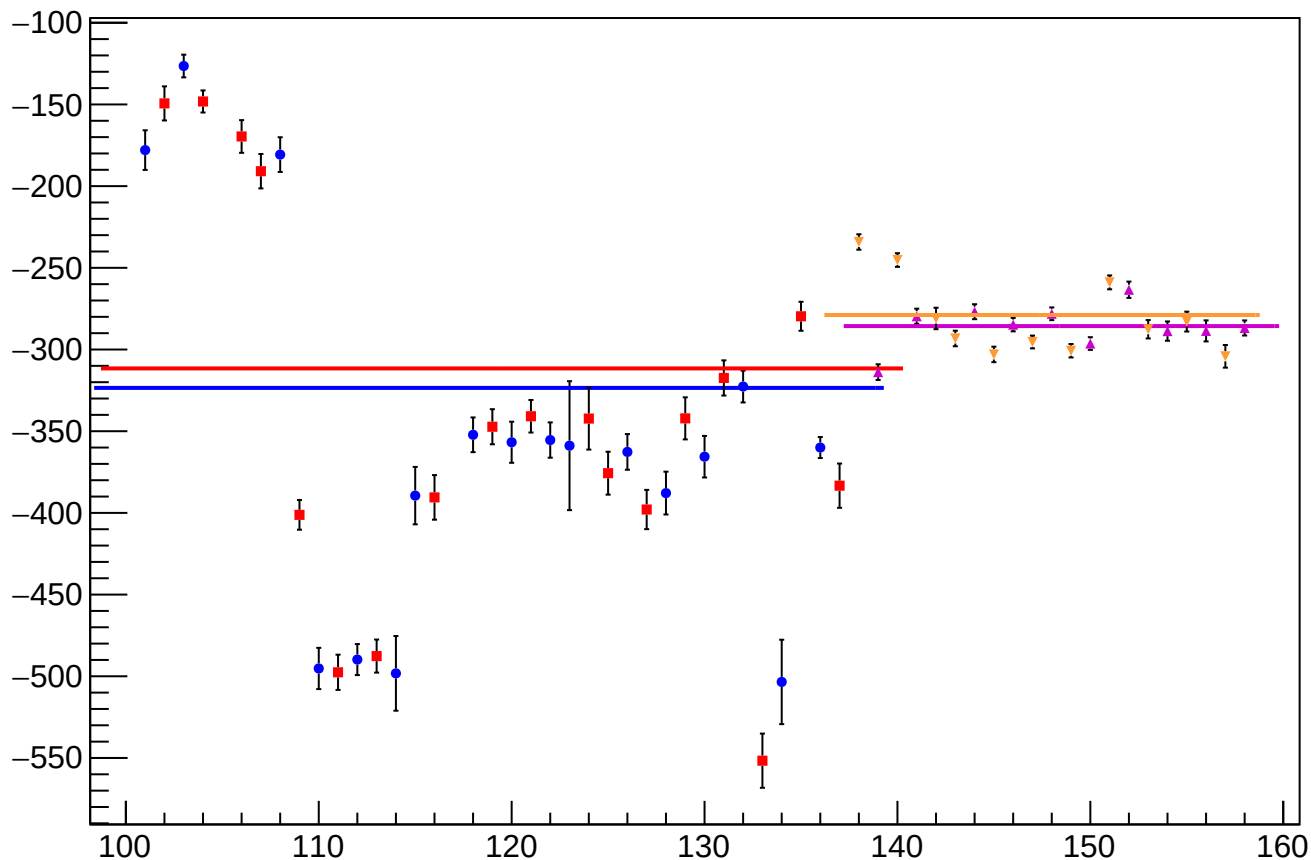
Right: 16.585 ± 1.014 $\chi^2/\text{NDF}: 872.4/34$

In: 3.895 ± 0.827 $\chi^2/\text{NDF}: 704.8/26$

Out: 3.968 ± 0.791 $\chi^2/\text{NDF}: 686.2/28$

All: 3.933 ± 0.572 $\chi^2/\text{NDF}: 1391.0/55$

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -323.491 ± 2.673 $\chi^2/\text{NDF}: 1847.6/16$

Left Out: -278.870 ± 1.455 $\chi^2/\text{NDF}: 273.6/10$

Right Out: -311.573 ± 2.527 $\chi^2/\text{NDF}: 2243.8/17$

Left In: -285.653 ± 1.461 $\chi^2/\text{NDF}: 71.5/9$

Left: -282.248 ± 1.031 $\chi^2/\text{NDF}: 355.9/20$

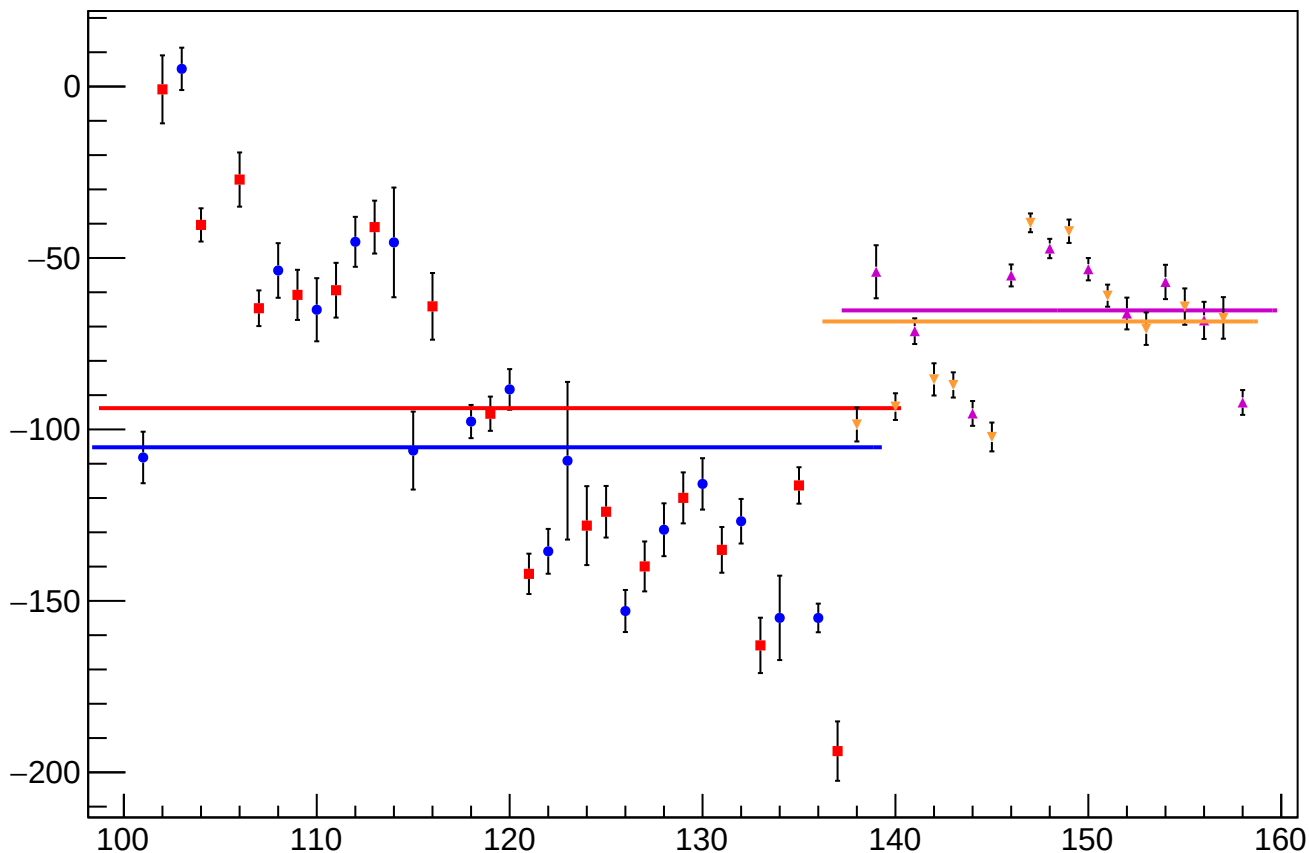
Right: -317.199 ± 1.836 $\chi^2/\text{NDF}: 4101.9/34$

In: -294.357 ± 1.282 $\chi^2/\text{NDF}: 2073.4/26$

Out: -287.011 ± 1.261 $\chi^2/\text{NDF}: 2643.2/28$

All: -290.623 ± 0.899 $\chi^2/\text{NDF}: 4733.3/55$

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -105.203 ± 1.697 χ^2/NDF : 735.6/16

Left Out: -68.513 ± 1.191 χ^2/NDF : 356.2/10

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: -66.932 ± 0.850 χ^2/NDF : 556.2/20

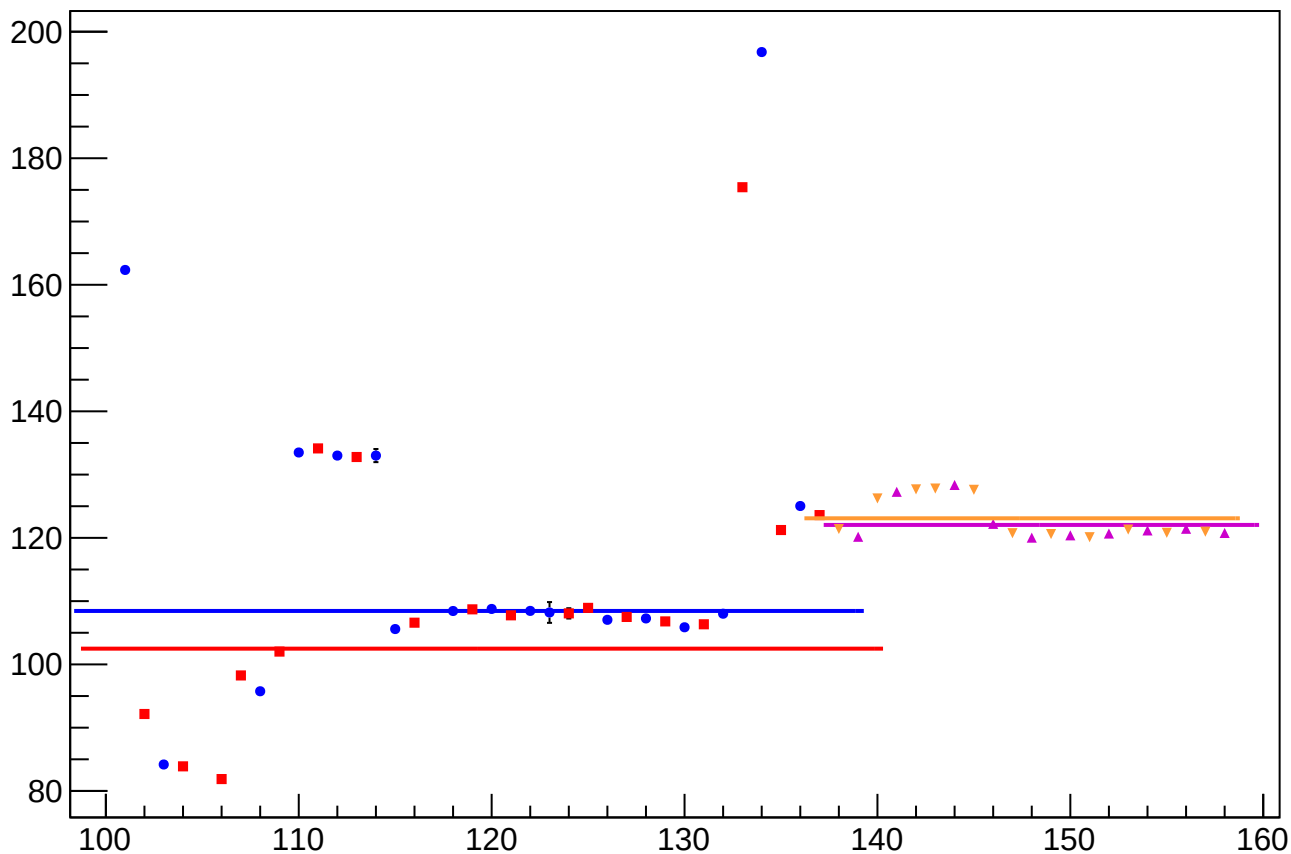
Right: -99.203 ± 1.168 χ^2/NDF : 1574.8/34

In: -78.803 ± 0.987 χ^2/NDF : 1298.2/26

Out: -77.442 ± 0.958 χ^2/NDF : 1330.8/28

All: -78.101 ± 0.687 χ^2/NDF : 2630.0/55

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 108.448 $\pm$ 0.085 χ^2 /NDF: 73265.3/16

Left Out: 123.092 $\pm$ 0.059 χ^2 /NDF: 2755.8/10

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: 122.558 $\pm$ 0.042 χ^2 /NDF: 5187.8/20

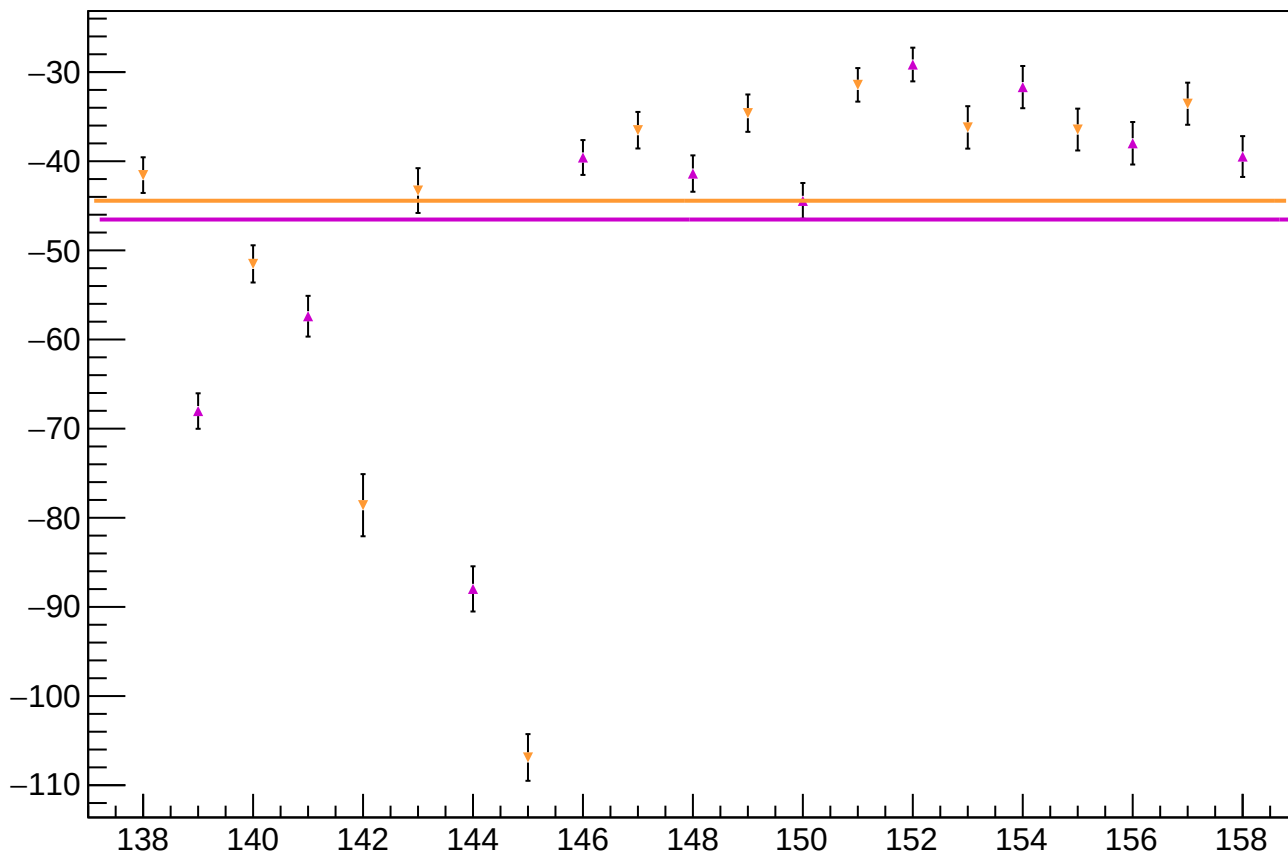
Right: 105.281 $\pm$ 0.058 χ^2 /NDF: 128799.0/34

In: 117.690 $\pm$ 0.048 χ^2 /NDF: 93016.8/26

Out: 115.728 $\pm$ 0.048 χ^2 /NDF: 98704.3/28

All: 116.701 $\pm$ 0.034 χ^2 /NDF: 192564.7/55

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: -44.433+/-0.682 χ^2/NDF :807.8/10

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: -45.492+/-0.481 χ^2/NDF : 1385.3/20

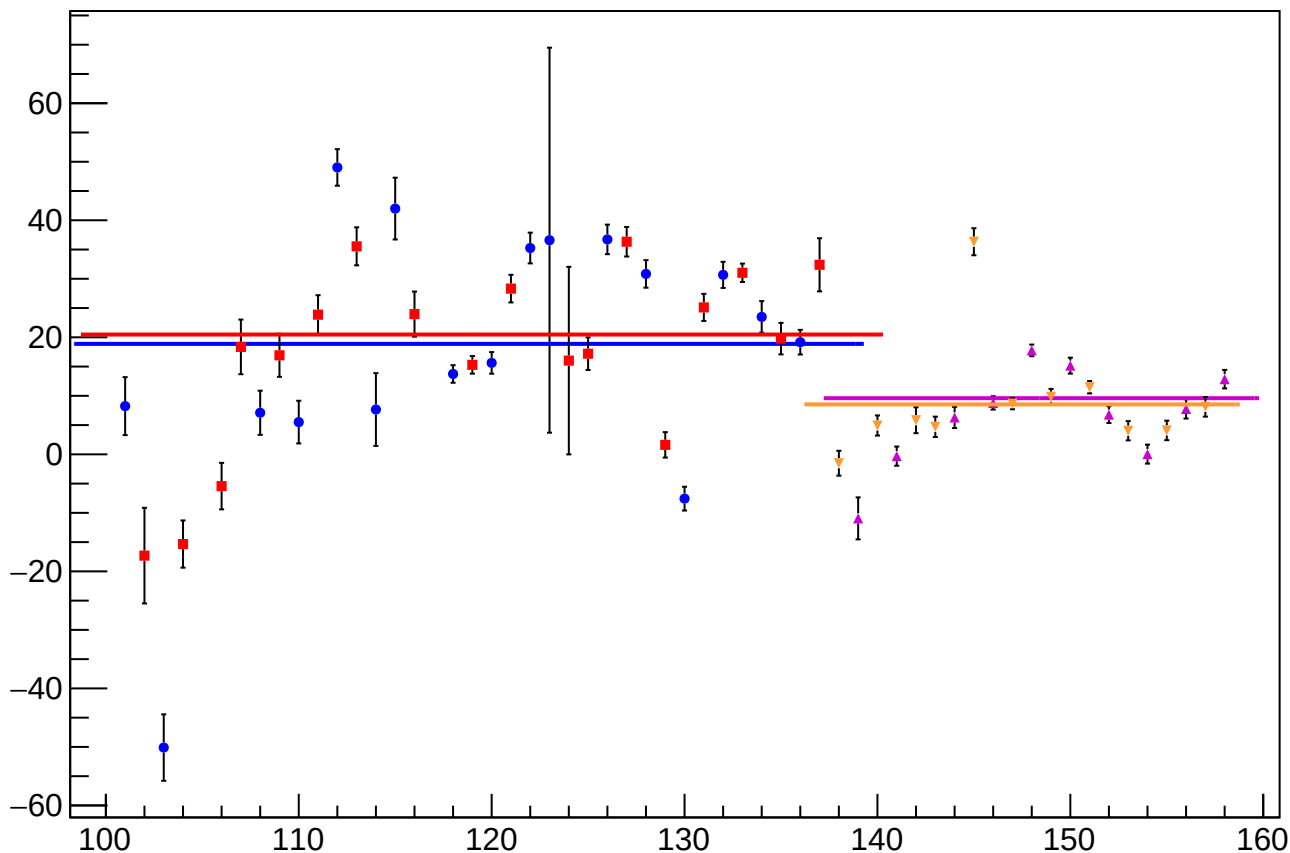
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -46.540+/-0.678 χ^2/NDF :572.6/9

Out: -44.433+/-0.682 χ^2/NDF :807.8/10

All: -45.492+/-0.481 χ^2/NDF : 1385.3/20

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: 8.534 $\pm$ 0.454 χ^2 /NDF:200.9/10

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: 9.057 $\pm$ 0.323 χ^2 /NDF: 405.3/20

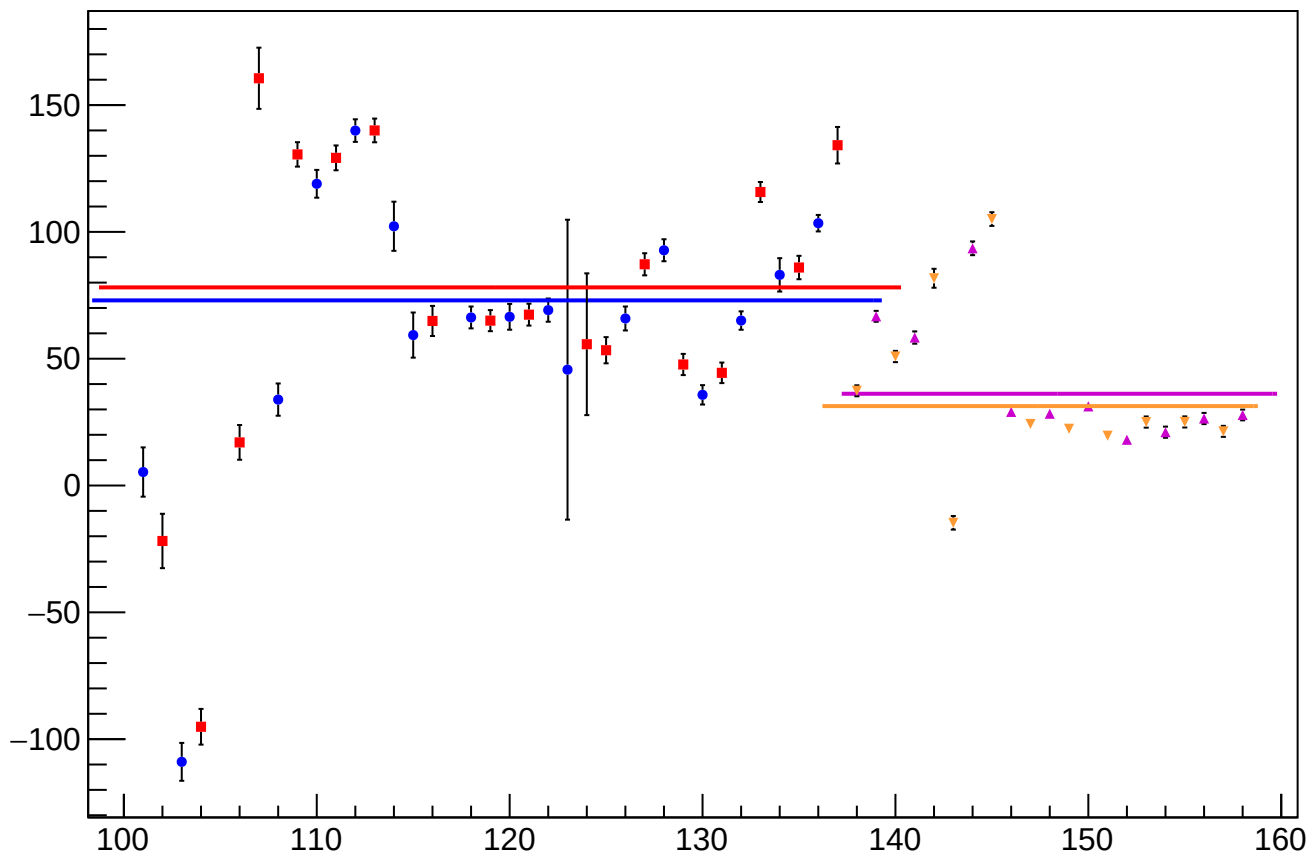
Right: 19.676 $\pm$ 0.455 χ^2 /NDF: 986.0/34

In: 12.730 $\pm$ 0.375 χ^2 /NDF:959.5/26

Out: 12.501 $\pm$ 0.371 χ^2 /NDF:793.2/28

All: 12.614 $\pm$ 0.264 χ^2 /NDF: 1753.0/55

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: 31.312 ± 0.670 χ^2/NDF : 1420.1/10

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: 33.785 ± 0.470 χ^2/NDF : 2399.6/20

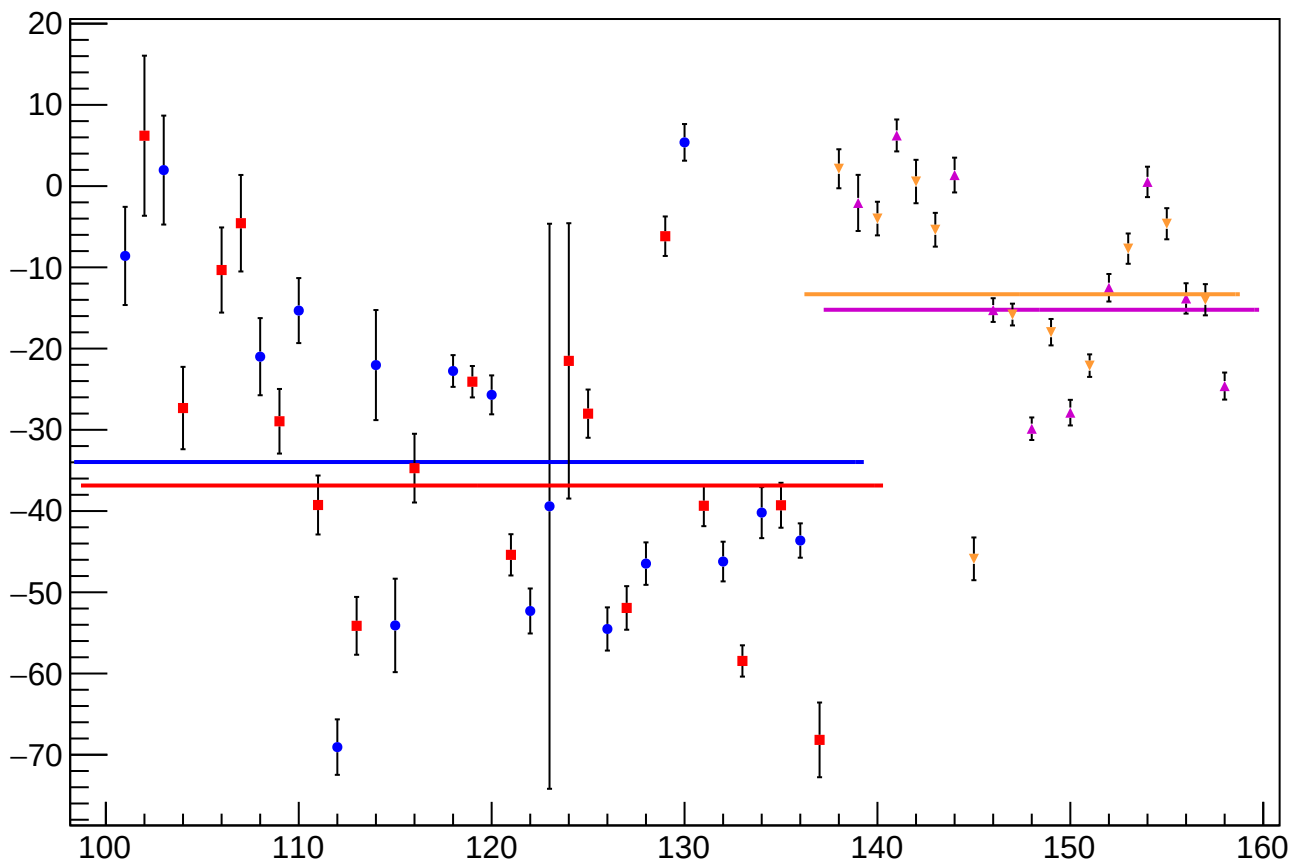
Right: 75.568 ± 0.868 χ^2/NDF : 2761.0/34

In: 44.387 ± 0.581 χ^2/NDF : 2854.2/26

Out: 42.102 ± 0.588 χ^2/NDF : 4092.4/28

All: 43.258 ± 0.413 χ^2/NDF : 6954.2/55

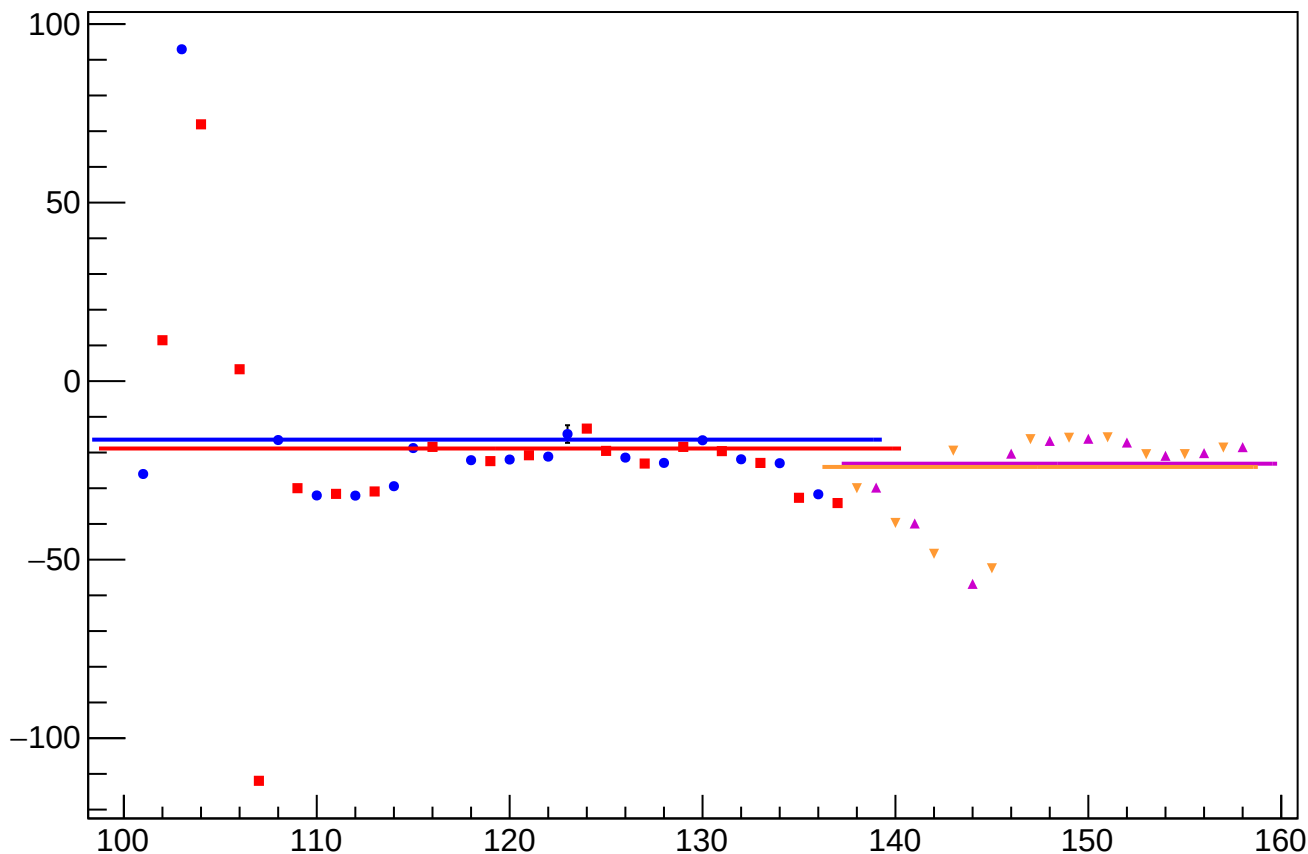
reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -33.964 ± 0.738 $\chi^2/\text{NDF}: 721.9/16$
 Left Out: -13.310 ± 0.558 $\chi^2/\text{NDF}: 338.0/10$
 Right Out: -36.856 ± 0.737 $\chi^2/\text{NDF}: 535.3/17$
 Left In: -15.222 ± 0.556 $\chi^2/\text{NDF}: 475.2/9$

Left: -14.270 ± 0.394 $\chi^2/\text{NDF}: 819.1/20$
 Right: -35.411 ± 0.521 $\chi^2/\text{NDF}: 1264.9/34$
 In: -22.016 ± 0.444 $\chi^2/\text{NDF}: 1608.7/26$
 Out: -21.897 ± 0.445 $\chi^2/\text{NDF}: 1521.9/28$
 All: -21.957 ± 0.314 $\chi^2/\text{NDF}: 3130.7/55$

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: -24.033 ± 0.027 $\chi^2/\text{NDF}: 167545.5/10$

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: -23.565 ± 0.019 $\chi^2/\text{NDF}: 312798.2/20$

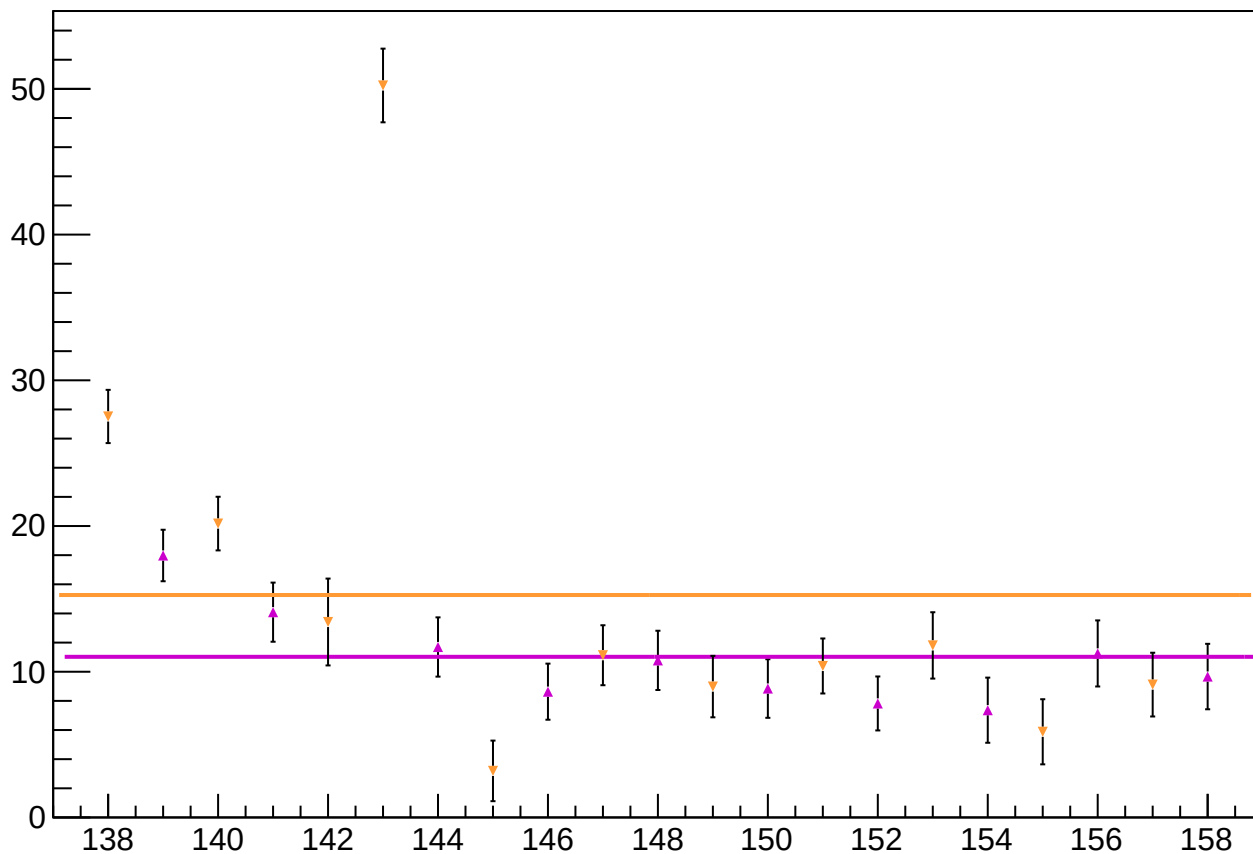
Right: -17.607 ± 0.032 $\chi^2/\text{NDF}: 909205.2/34$

In: -21.433 ± 0.022 $\chi^2/\text{NDF}: 636159.7/26$

Out: -22.710 ± 0.023 $\chi^2/\text{NDF}: 610567.5/28$

All: -22.053 ± 0.016 $\chi^2/\text{NDF}: 1248319.9/55$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 15.265+/-0.640 χ^2/NDF :325.0/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 11.025+/-0.639 χ^2/NDF :26.7/9

Left: 13.141+/-0.452 χ^2/NDF : 373.6/20

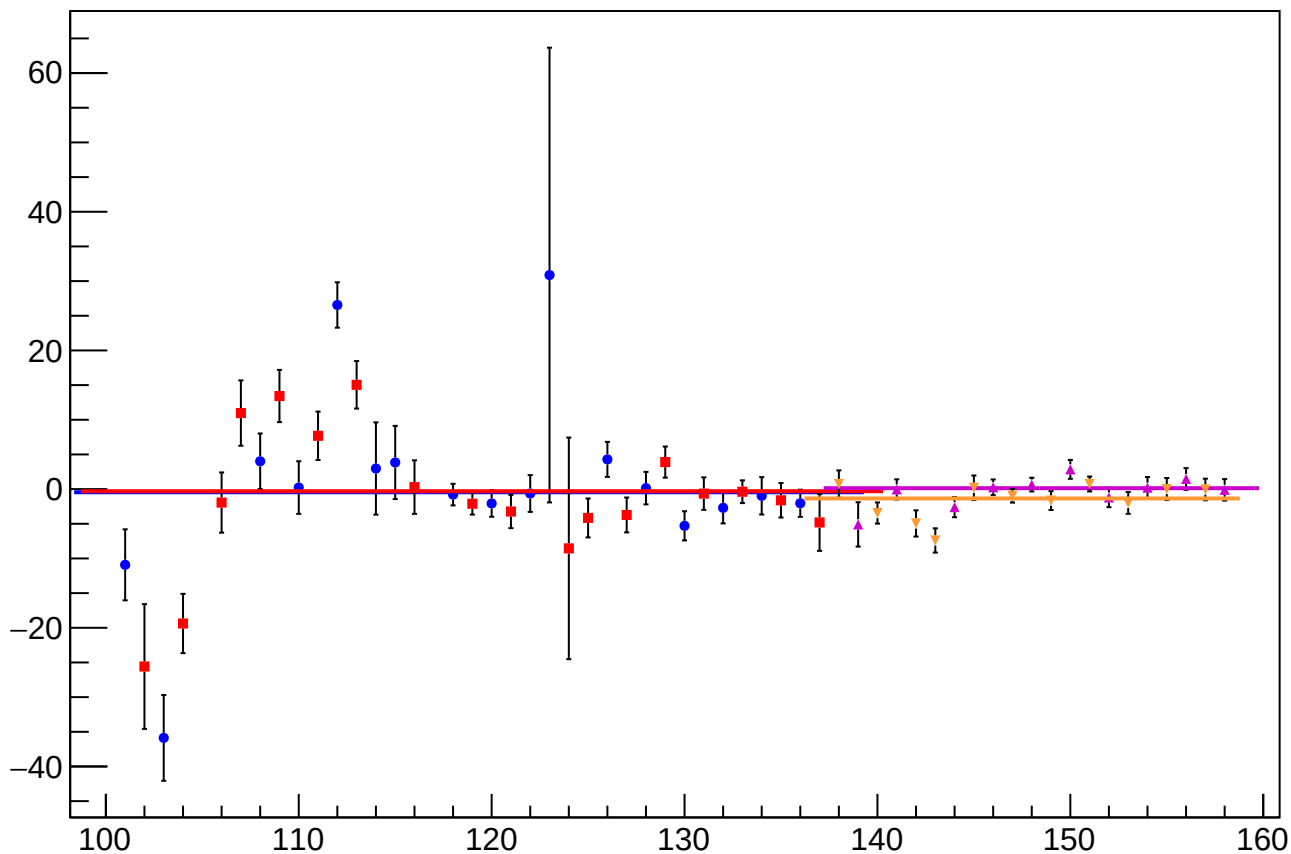
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 11.025+/-0.639 χ^2/NDF :26.7/9

Out: 15.265+/-0.640 χ^2/NDF :325.0/10

All: 13.141+/-0.452 χ^2/NDF : 373.6/20

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: -1.347 ± 0.435 χ^2/NDF : 25.0/10

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: -0.617 ± 0.310 χ^2/NDF : 42.8/20

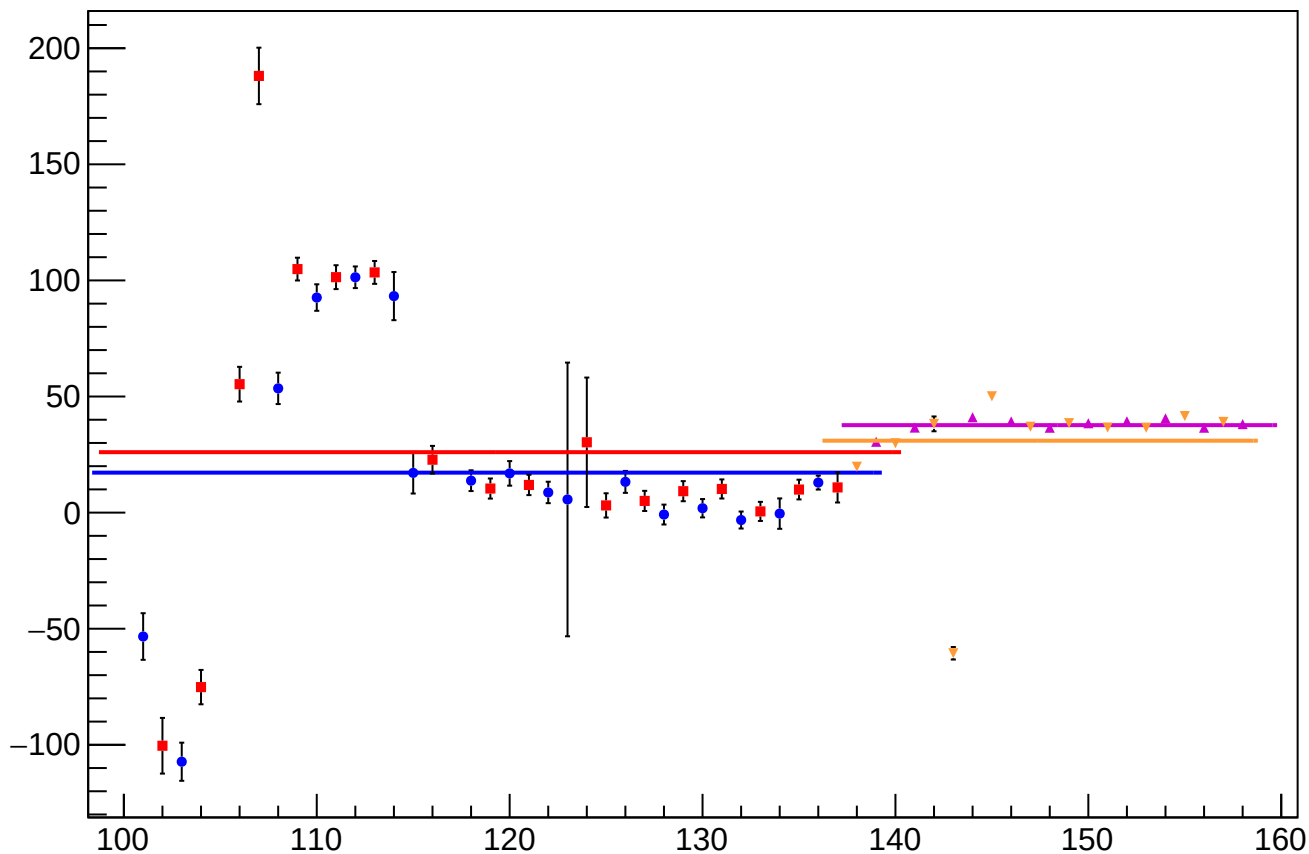
Right: -0.379 ± 0.464 χ^2/NDF : 203.7/34

In: -0.049 ± 0.366 χ^2/NDF : 132.2/26

Out: -1.030 ± 0.363 χ^2/NDF : 110.8/28

All: -0.543 ± 0.258 χ^2/NDF : 246.7/55

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.218 ± 1.241 $\chi^2/\text{NDF}: 940.1/16$

Left Out: 30.975 ± 0.633 $\chi^2/\text{NDF}: 1350.4/10$

Right Out: 26.032 ± 1.244 $\chi^2/\text{NDF}: 1366.0/17$

Left In: 37.674 ± 0.625 $\chi^2/\text{NDF}: 21.2/9$

Left: 34.367 ± 0.445 $\chi^2/\text{NDF}: 1428.3/20$

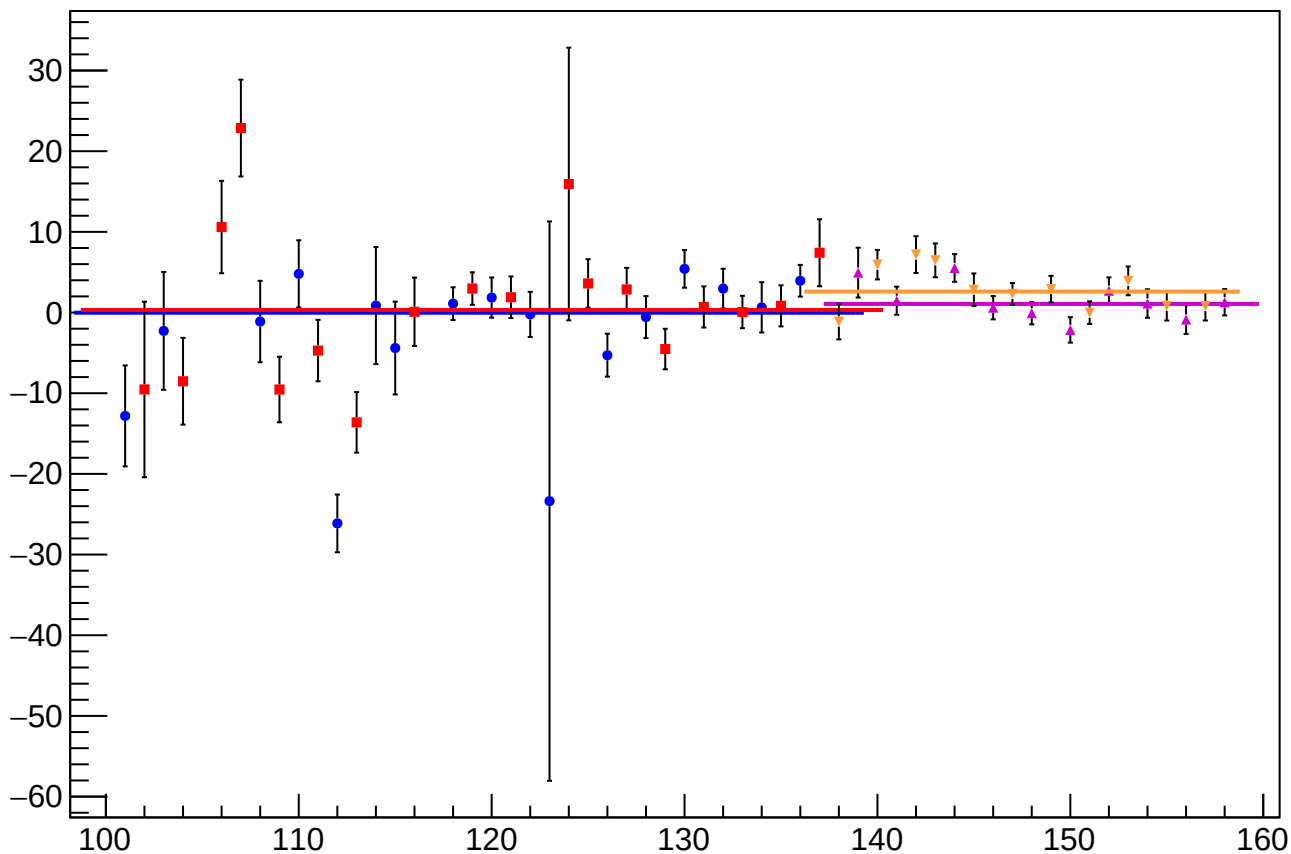
Right: 21.614 ± 0.879 $\chi^2/\text{NDF}: 2331.3/34$

In: 33.536 ± 0.558 $\chi^2/\text{NDF}: 1178.1/26$

Out: 29.959 ± 0.564 $\chi^2/\text{NDF}: 2728.9/28$

All: 31.767 ± 0.397 $\chi^2/\text{NDF}: 3927.3/55$

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: 2.598 ± 0.532 χ^2/NDF : 19.7/10

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: 1.832 ± 0.376 χ^2/NDF : 39.3/20

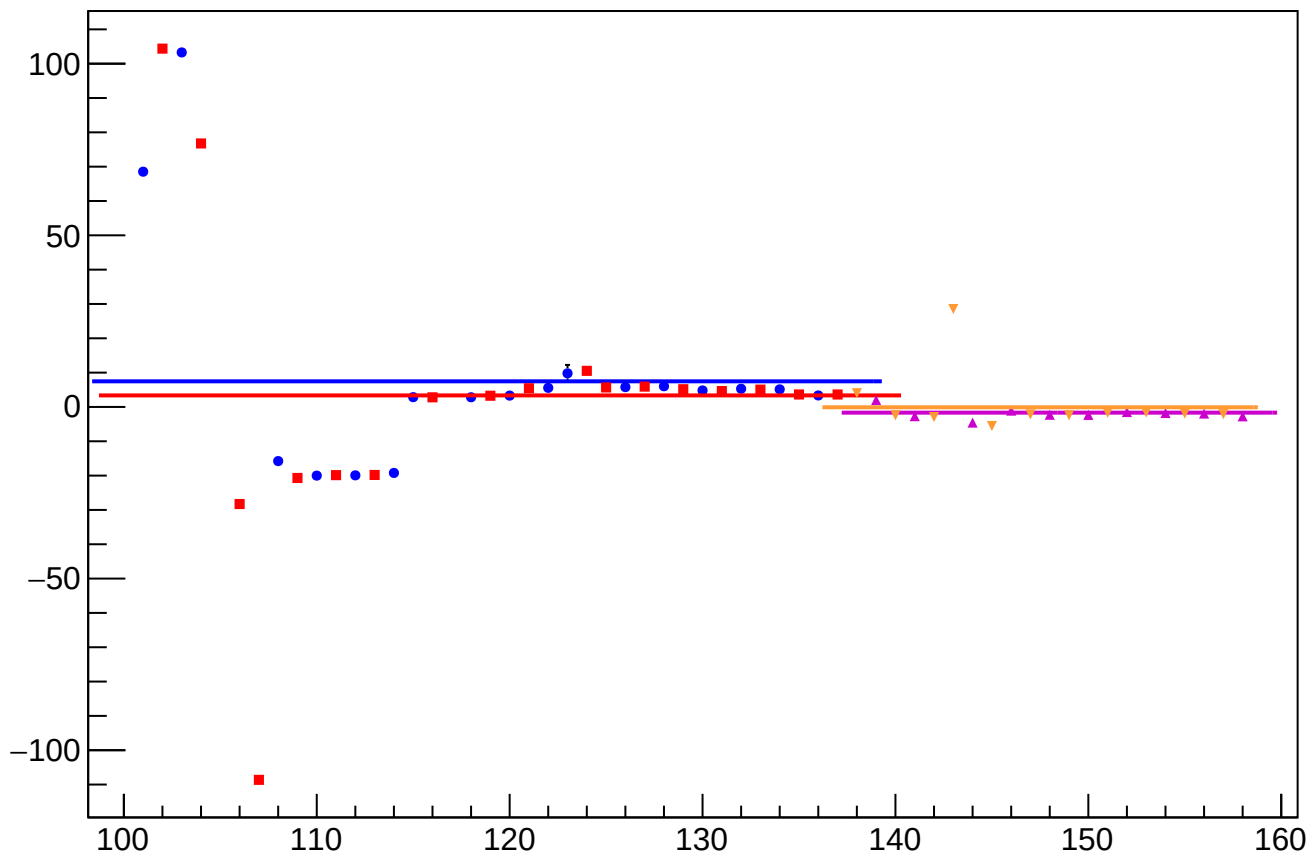
Right: 0.144 ± 0.528 χ^2/NDF : 130.0/34

In: 0.701 ± 0.432 χ^2/NDF : 92.7/26

Out: 1.832 ± 0.434 χ^2/NDF : 80.0/28

All: 1.265 ± 0.306 χ^2/NDF : 176.1/55

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 7.467 $\pm$ 0.044 χ^2 /NDF: 355890.1/16

Left Out: -0.098 $\pm$ 0.025 χ^2 /NDF: 81649.2/10

Right Out: 3.362 $\pm$ 0.046 χ^2 /NDF: 504811.4/17

Left In: -1.660 $\pm$ 0.024 χ^2 /NDF: 4417.8/9

Left: -0.898 $\pm$ 0.017 χ^2 /NDF: 88067.6/20

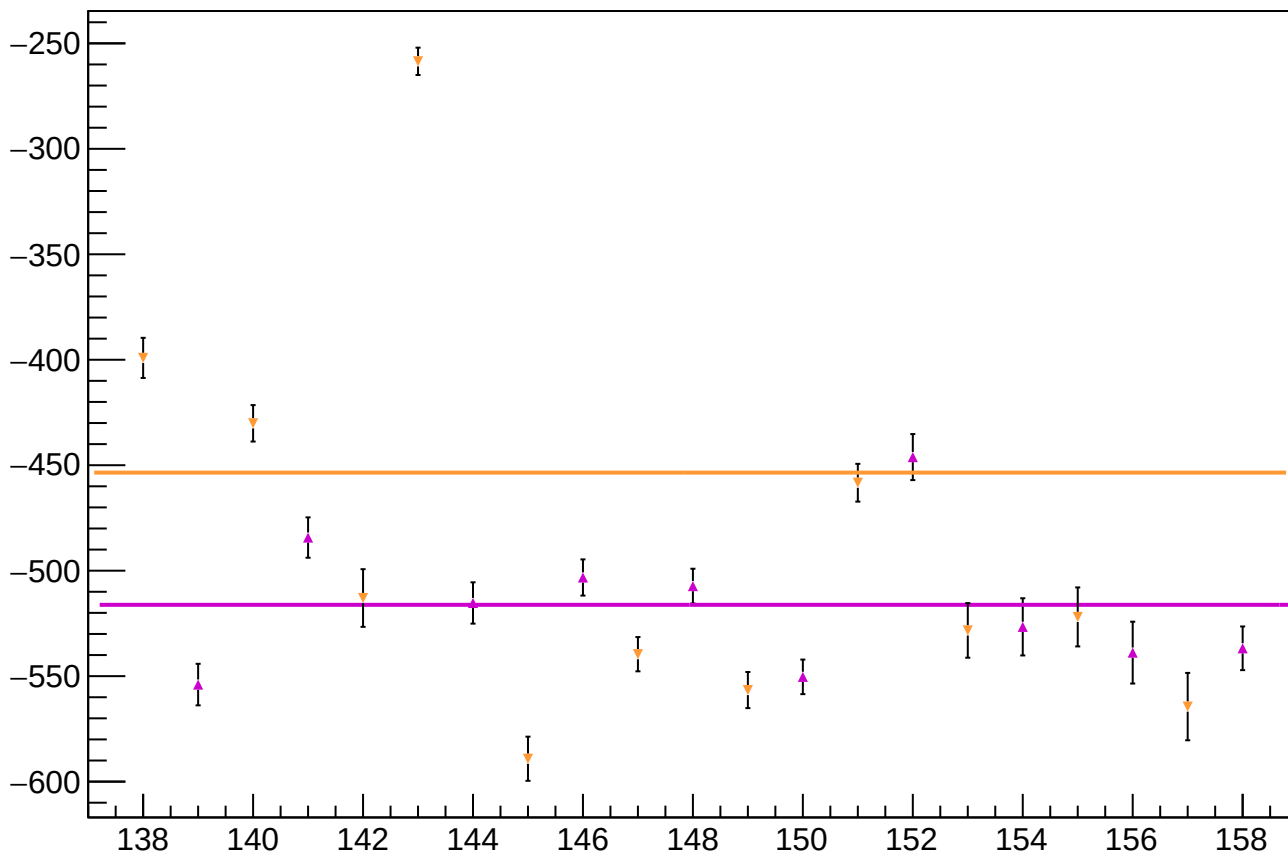
Right: 5.466 $\pm$ 0.032 χ^2 /NDF: 864856.4/34

In: 0.450 $\pm$ 0.021 χ^2 /NDF: 392694.9/26

Out: 0.701 $\pm$ 0.022 χ^2 /NDF: 590887.7/28

All: 0.572 $\pm$ 0.015 χ^2 /NDF: 983650.3/55

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: -453.505+/-2.898 χ^2/NDF :1496.7/10

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: -482.534+/-2.123 χ^2/NDF : 1808.1/20

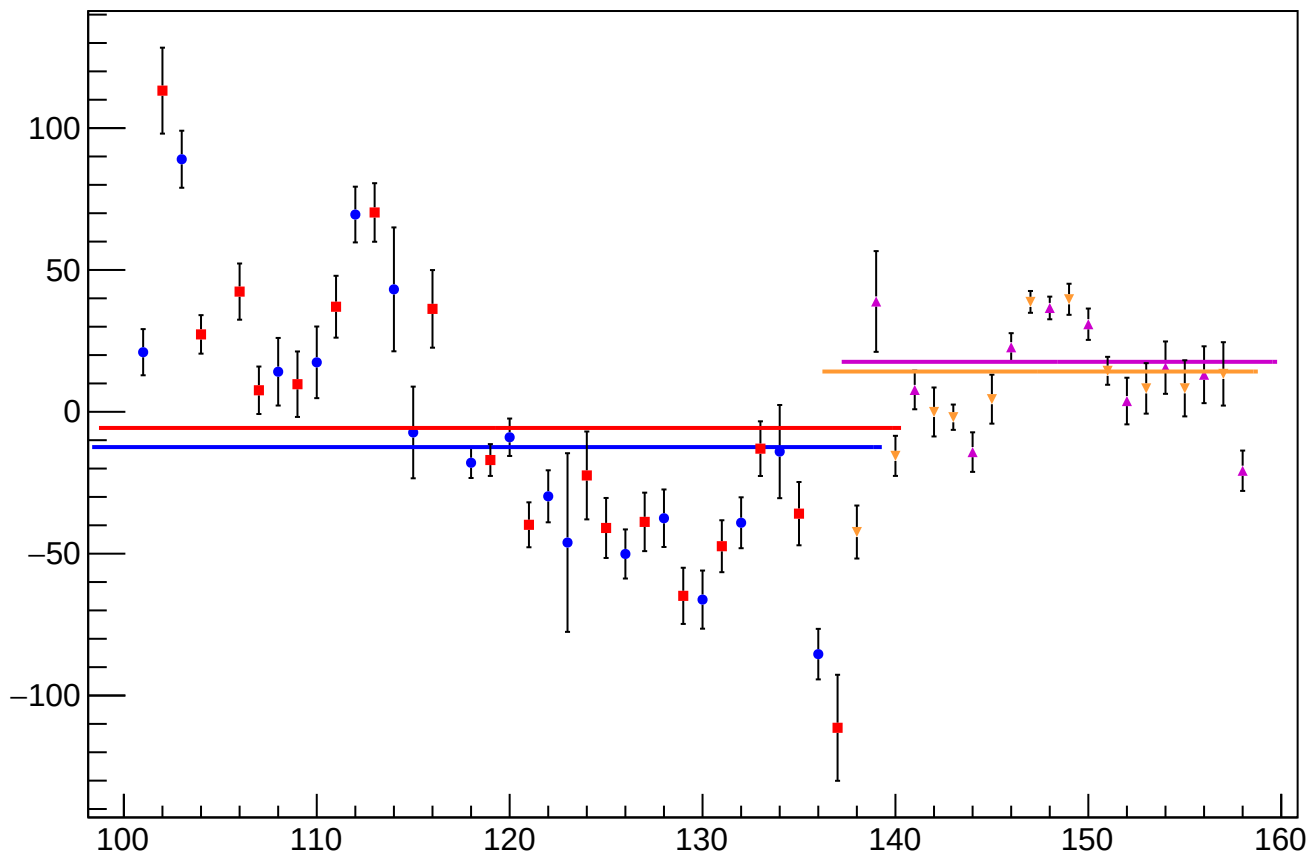
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -516.185+/-3.120 χ^2/NDF :94.8/9

Out: -453.505+/-2.898 χ^2/NDF :1496.7/10

All: -482.534+/-2.123 χ^2/NDF : 1808.1/20

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: 14.202 ± 1.884 $\chi^2/\text{NDF}: 134.6/10$

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: 15.766 ± 1.388 $\chi^2/\text{NDF}: 222.2/20$

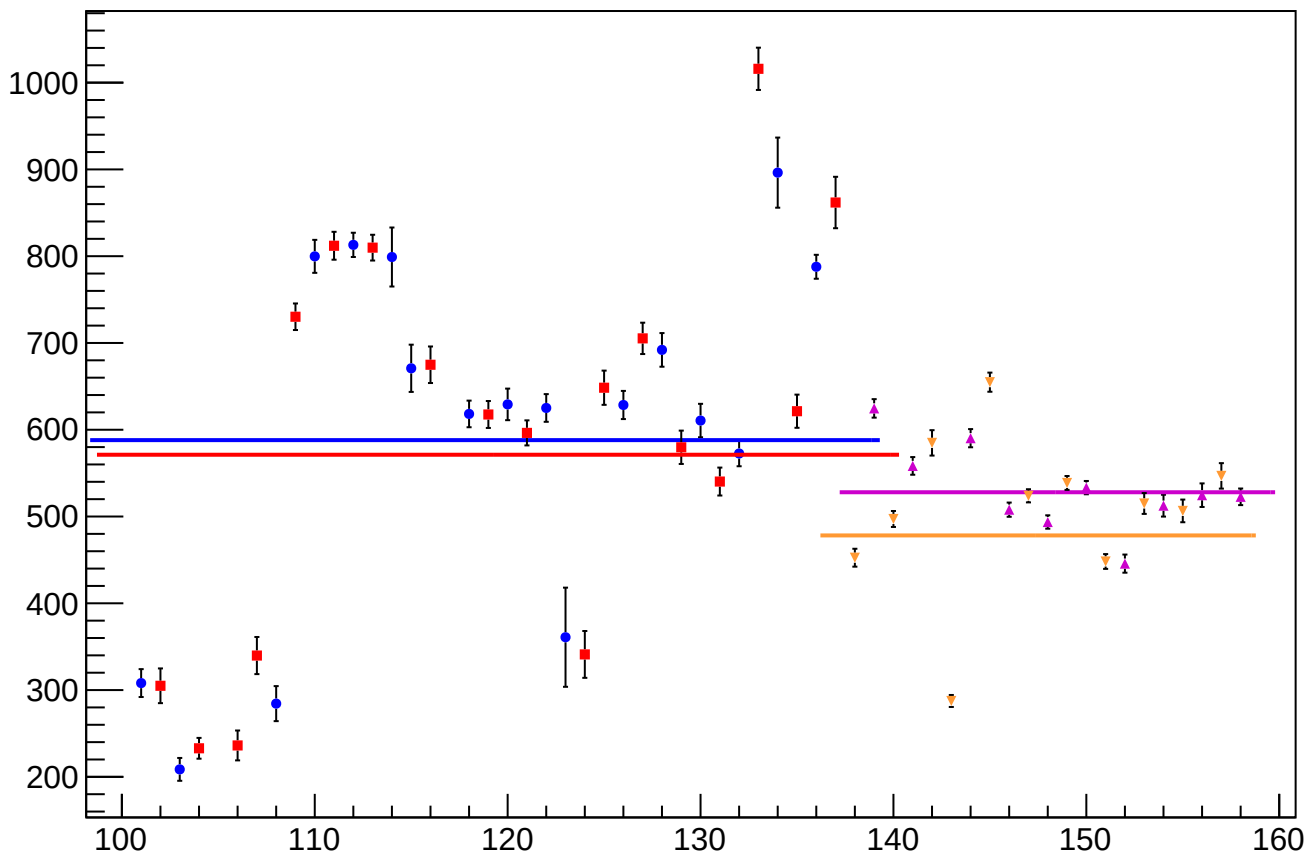
Right: -8.982 ± 1.618 $\chi^2/\text{NDF}: 678.2/34$

In: 4.399 ± 1.536 $\chi^2/\text{NDF}: 520.7/26$

Out: 6.059 ± 1.448 $\chi^2/\text{NDF}: 513.9/28$

All: 5.278 ± 1.053 $\chi^2/\text{NDF}: 1035.1/55$

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: 478.211 $\pm$ 2.895 χ^2 /NDF:1224.9/10

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: 501.866 $\pm$ 2.097 χ^2 /NDF: 1581.7/20

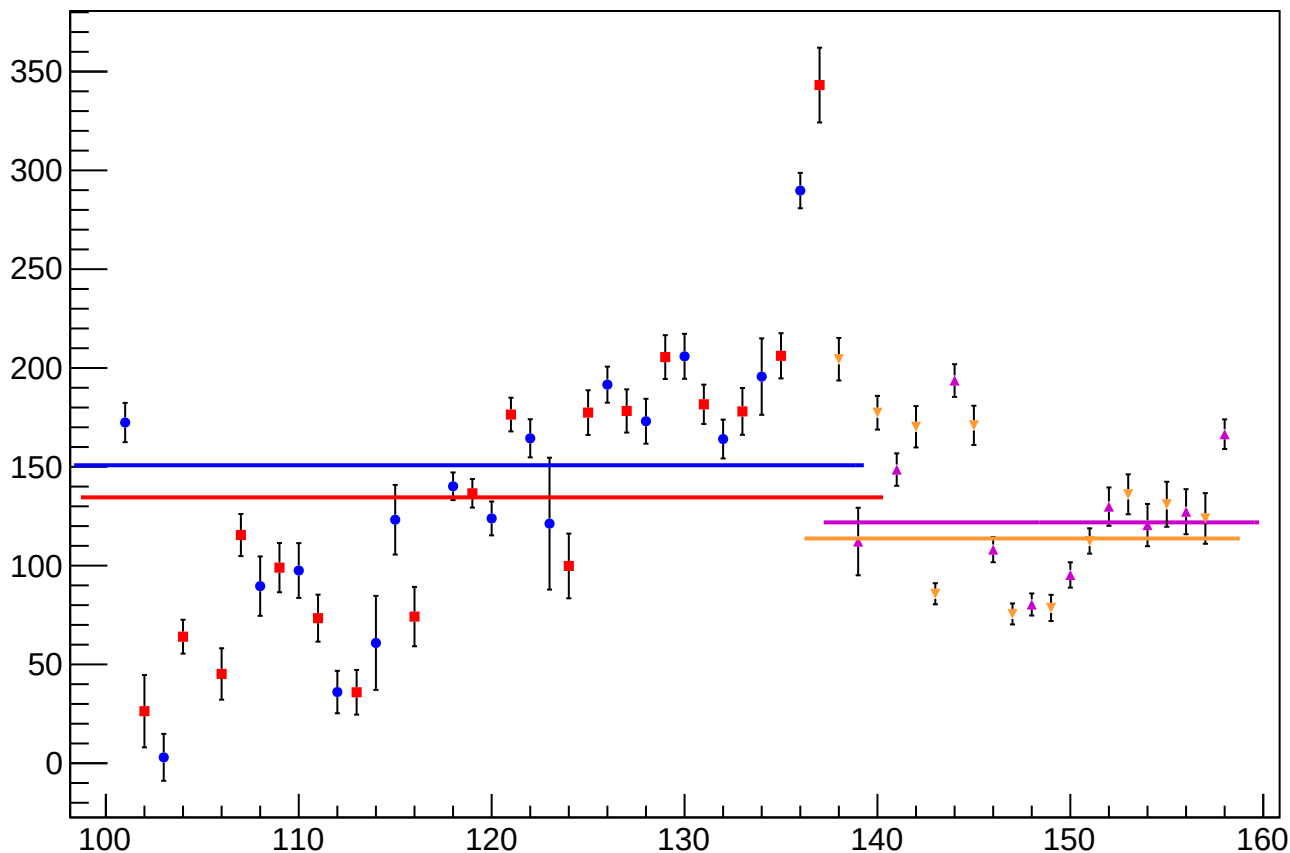
Right: 579.261 $\pm$ 2.996 χ^2 /NDF: 4816.0/34

In: 547.821 $\pm$ 2.489 χ^2 /NDF:2473.1/26

Out: 508.648 $\pm$ 2.375 χ^2 /NDF:4242.8/28

All: 527.317 $\pm$ 1.718 χ^2 /NDF: 6845.6/55

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 150.785 $\pm$ 2.679 χ^2/NDF : 633.1/16

Left Out: 113.731 $\pm$ 2.339 χ^2/NDF : 304.2/10

Right Out: 134.549 $\pm$ 2.619 χ^2/NDF : 576.2/17

Left In: 121.875 $\pm$ 2.510 χ^2/NDF : 199.8/9

Left: 117.516 $\pm$ 1.711 χ^2/NDF : 509.6/20

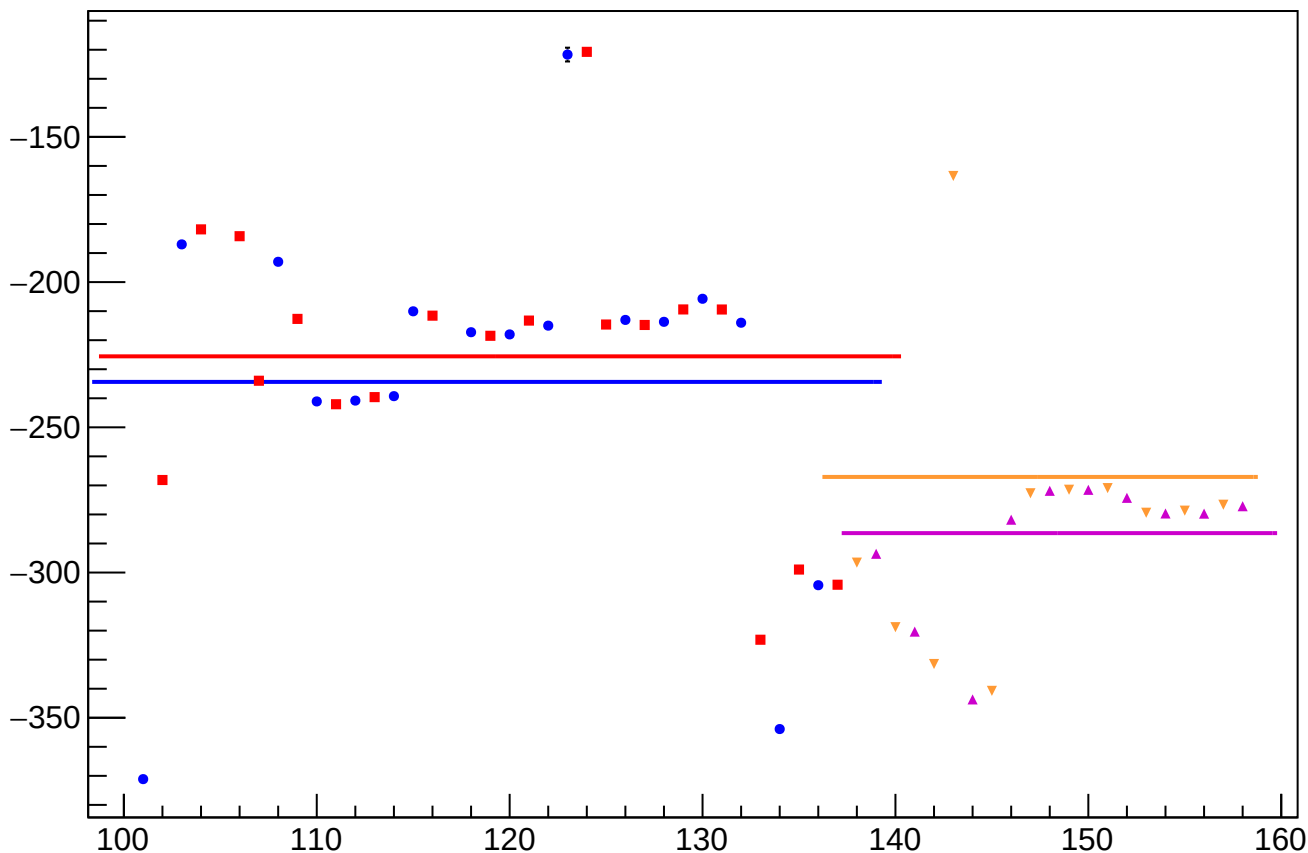
Right: 142.483 $\pm$ 1.873 χ^2/NDF : 1228.1/34

In: 135.385 $\pm$ 1.832 χ^2/NDF : 894.9/26

Out: 122.964 $\pm$ 1.744 χ^2/NDF : 915.5/28

All: 128.872 $\pm$ 1.263 χ^2/NDF : 1834.6/55

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -234.360 ± 0.148 $\chi^2/\text{NDF}: 145159.1/16$

Left Out: -267.080 ± 0.119 $\chi^2/\text{NDF}: 203520.3/10$

Right Out: -225.561 ± 0.142 $\chi^2/\text{NDF}: 92955.0/17$

Left In: -286.427 ± 0.122 $\chi^2/\text{NDF}: 28973.6/9$

Left: -276.519 ± 0.085 $\chi^2/\text{NDF}: 245443.6/20$

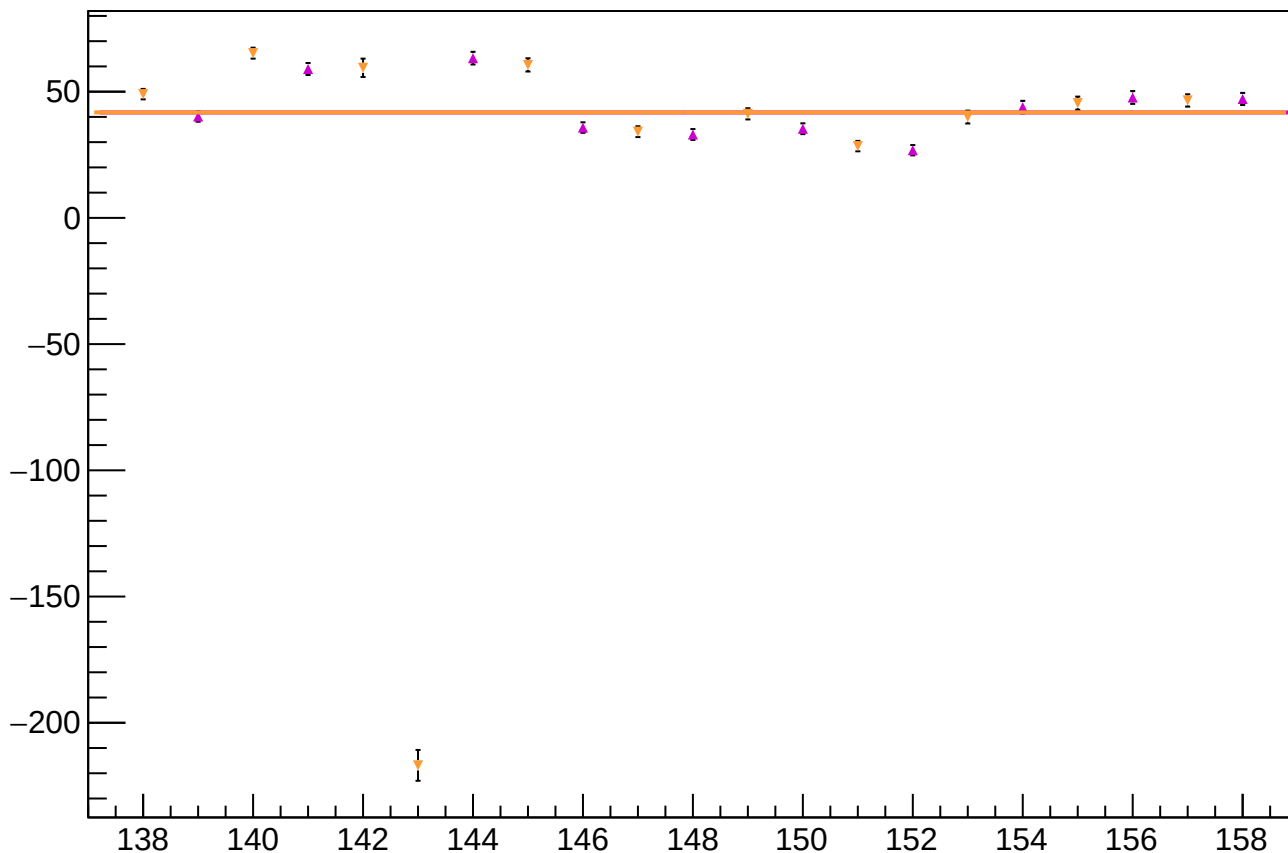
Right: -229.762 ± 0.103 $\chi^2/\text{NDF}: 239949.0/34$

In: -265.510 ± 0.094 $\chi^2/\text{NDF}: 247702.6/26$

Out: -249.983 ± 0.091 $\chi^2/\text{NDF}: 346813.0/28$

All: -257.492 ± 0.065 $\chi^2/\text{NDF}: 608573.3/55$

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: 41.780+/-0.742 χ^2/NDF :2056.6/10

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: 41.773+/-0.514 χ^2/NDF : 2281.2/20

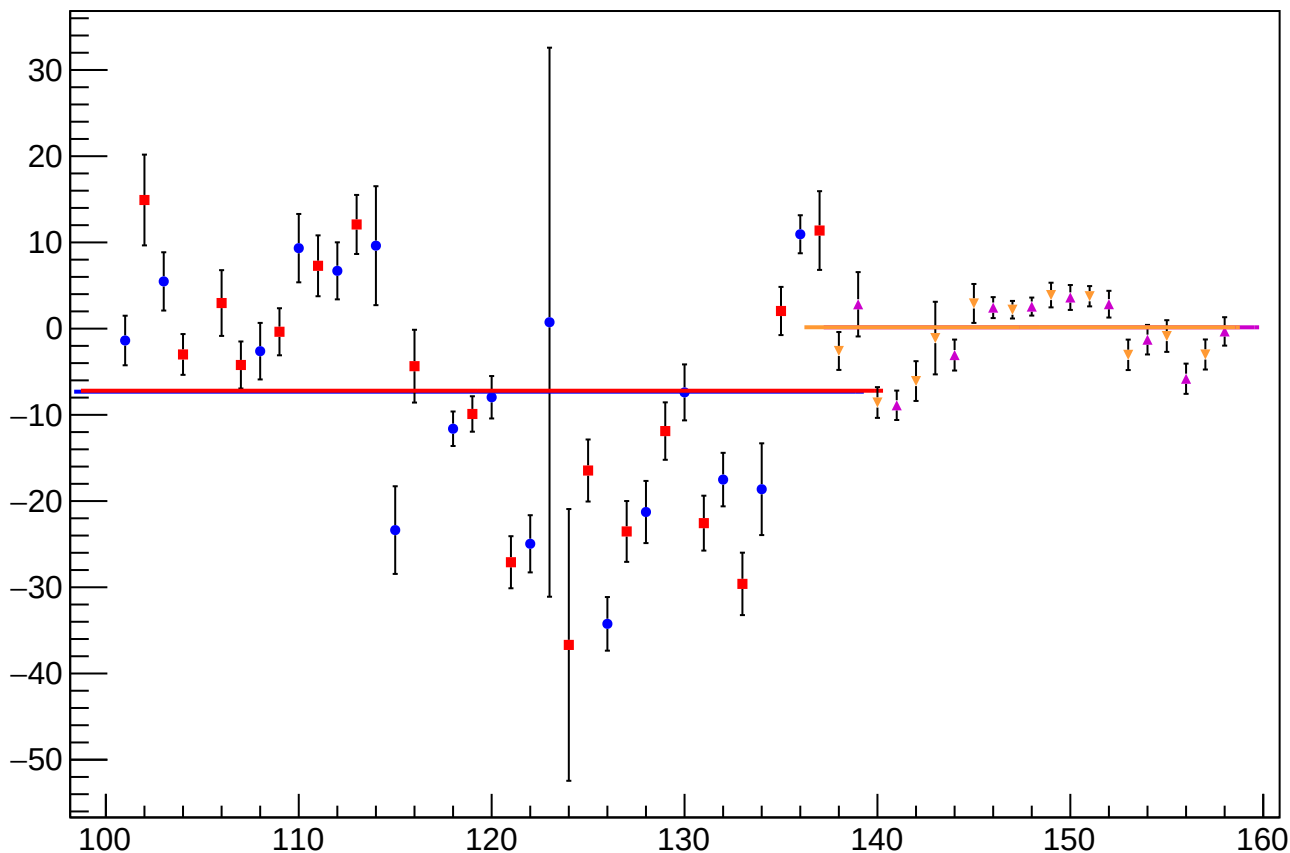
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 41.767+/-0.714 χ^2/NDF :224.6/9

Out: 41.780+/-0.742 χ^2/NDF :2056.6/10

All: 41.773+/-0.514 χ^2/NDF : 2281.2/20

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: 0.159 ± 0.495 χ^2/NDF : 61.5/10

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: 0.156 ± 0.347 χ^2/NDF : 123.3/20

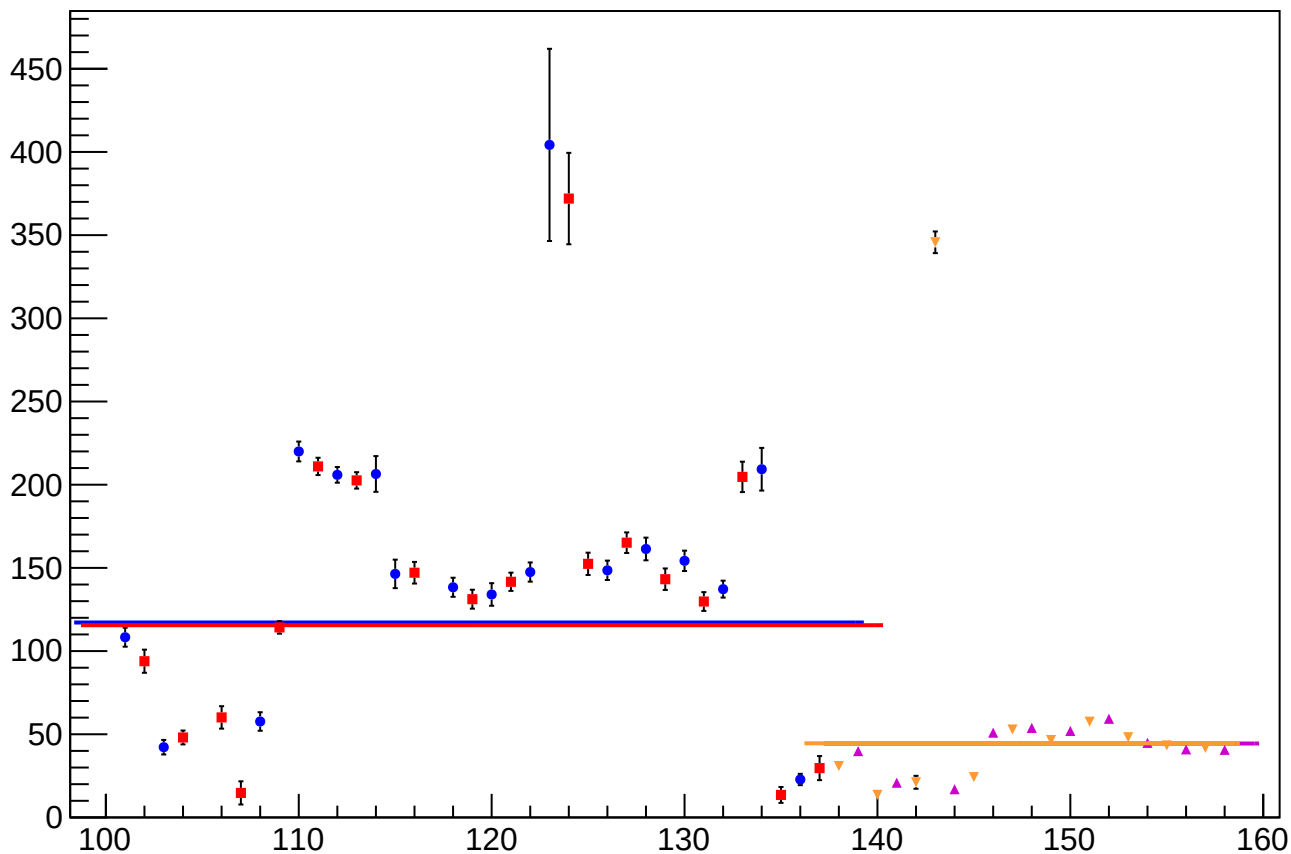
Right: -7.256 ± 0.545 χ^2/NDF : 531.2/34

In: -1.930 ± 0.412 χ^2/NDF : 406.9/26

Out: -2.027 ± 0.415 χ^2/NDF : 379.2/28

All: -1.978 ± 0.292 χ^2/NDF : 786.1/55

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: 44.575+/-0.727 χ^2/NDF : 2508.8/10

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: 44.506+/-0.502 χ^2/NDF : 2813.6/20

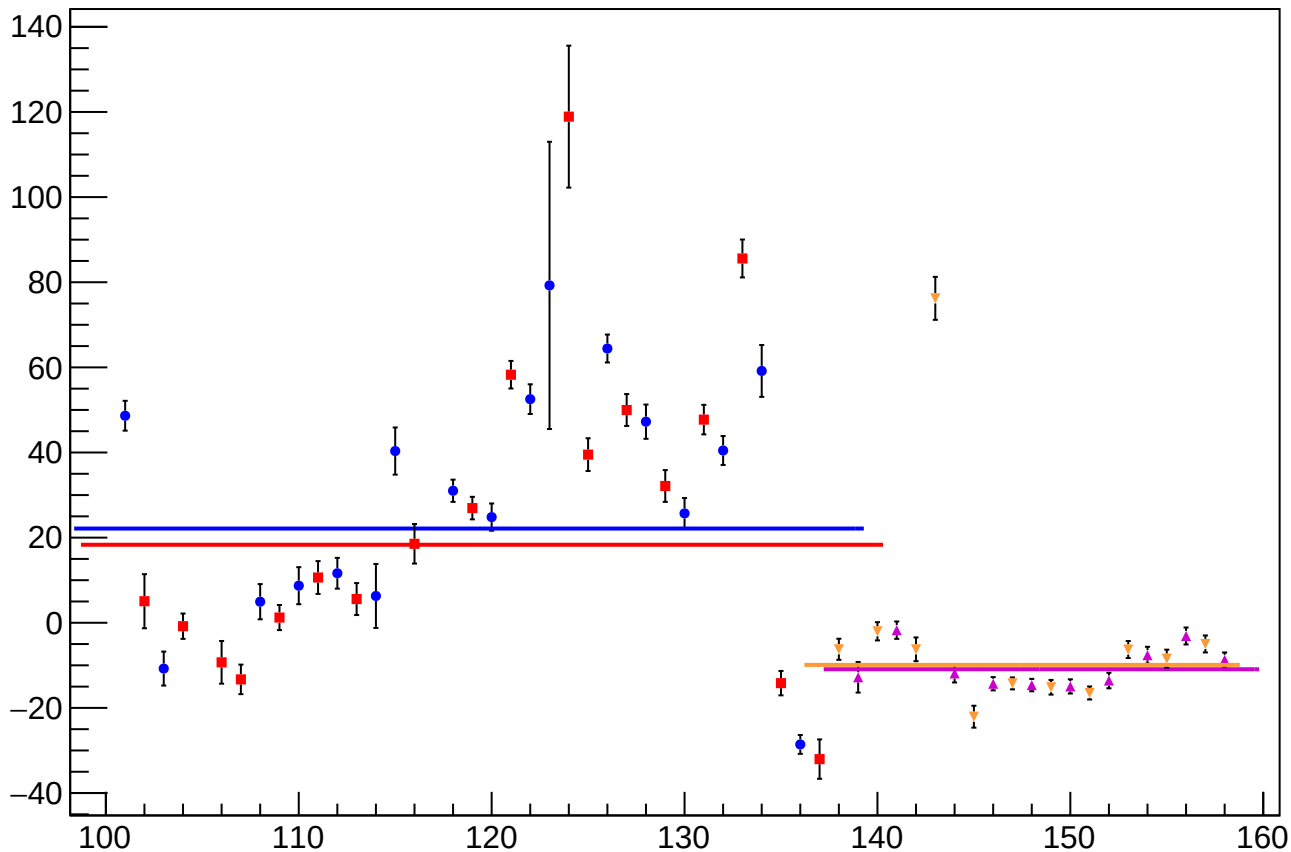
Right: 116.338+/-0.981 χ^2/NDF : 4309.5/34

In: 58.624+/-0.623 χ^2/NDF : 4602.3/26

Out: 60.302+/-0.642 χ^2/NDF : 6768.6/28

All: 59.438+/-0.447 χ^2/NDF : 11374.5/55

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 22.136+/-0.891 χ^2/NDF : 1064.1/16

Left Out: -9.892+/-0.609 χ^2/NDF : 378.1/10

Right Out: 18.331+/-0.872 χ^2/NDF : 1070.4/17

Left In: -10.921+/-0.586 χ^2/NDF : 59.5/9

Left: -10.427+/-0.422 χ^2/NDF : 439.1/20

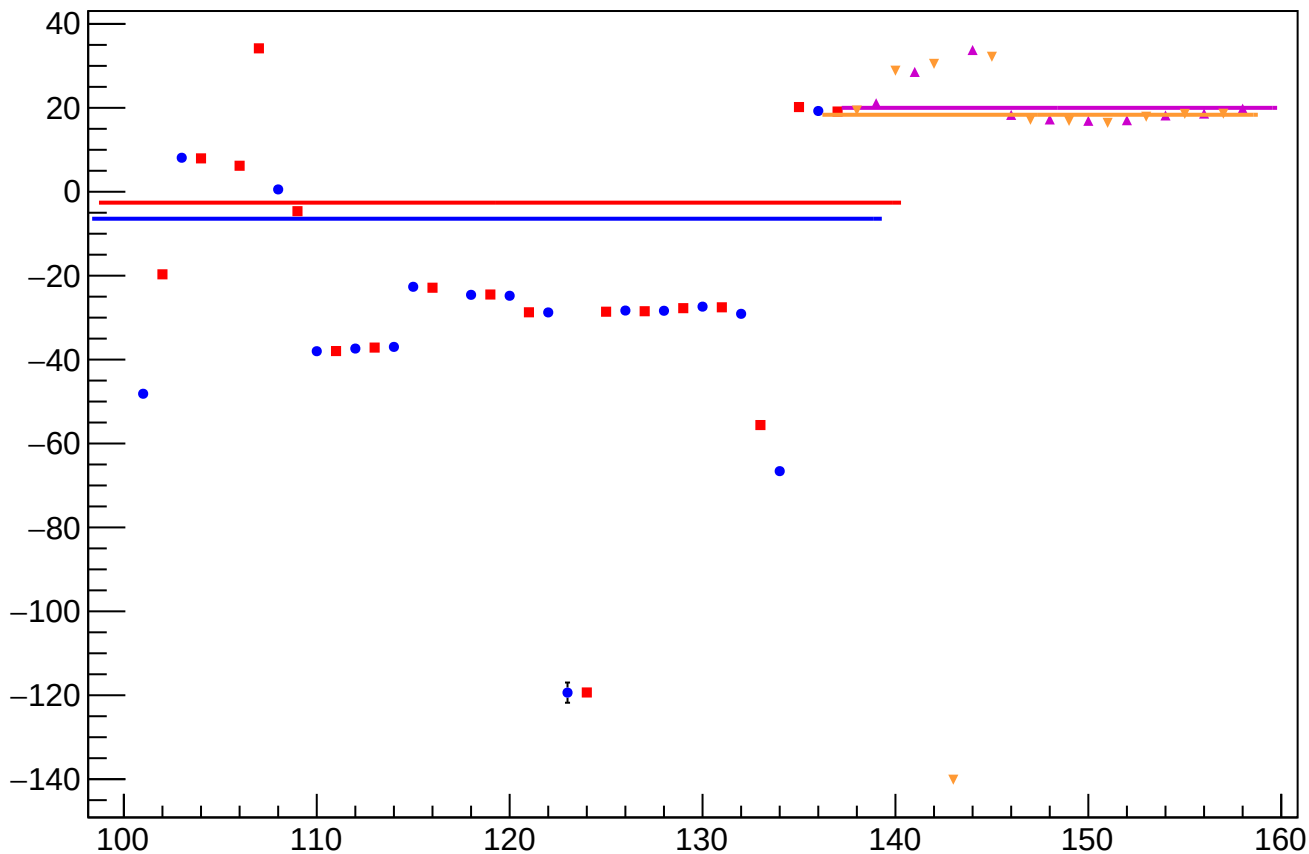
Right: 20.192+/-0.623 χ^2/NDF : 2143.8/34

In: -0.938+/-0.490 χ^2/NDF : 2084.1/26

Out: -0.630+/-0.500 χ^2/NDF : 2152.2/28

All: -0.787+/-0.350 χ^2/NDF : 4236.6/55

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.428 $\pm$ 0.046 χ^2/NDF : 265170.6/16

Left Out: 18.349 $\pm$ 0.029 χ^2/NDF :399623.5/10

Right Out: -2.597 $\pm$ 0.046 χ^2/NDF : 263579.4/17

Left In: 19.998 $\pm$ 0.027 χ^2/NDF :25860.1/9

Left: 19.224 $\pm$ 0.020 χ^2/NDF : 427214.6/20

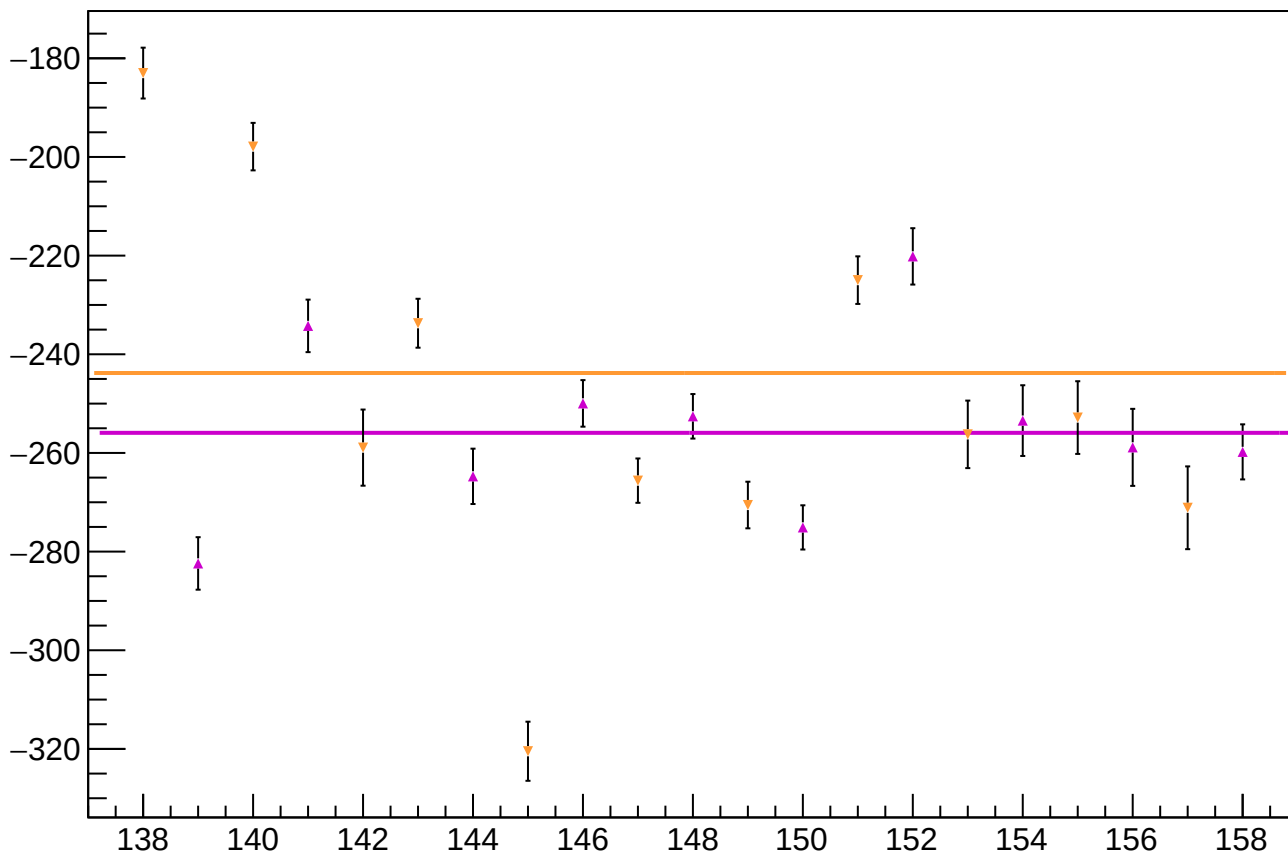
Right: -4.494 $\pm$ 0.033 χ^2/NDF : 532217.8/34

In: 13.216 $\pm$ 0.023 χ^2/NDF :534100.7/26

Out: 12.393 $\pm$ 0.024 χ^2/NDF :813054.5/28

All: 12.822 $\pm$ 0.017 χ^2/NDF : 1347747.8/55

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: -243.796+/-1.673 χ^2/NDF : 488.1/10

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: -249.751+/-1.193 χ^2/NDF : 618.2/20

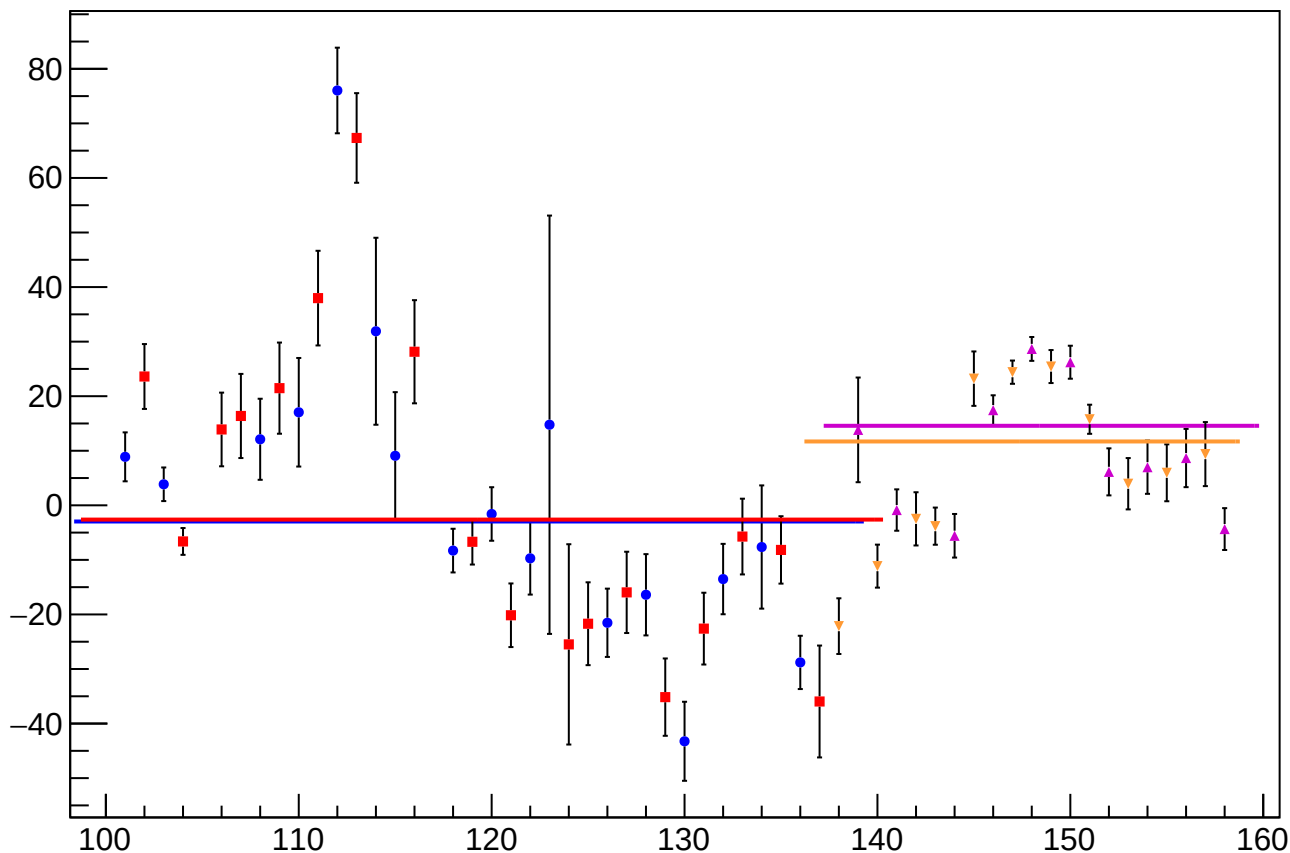
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -255.925+/-1.703 χ^2/NDF : 104.2/9

Out: -243.796+/-1.673 χ^2/NDF : 488.1/10

All: -249.751+/-1.193 χ^2/NDF : 618.2/20

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: 11.703 ± 1.083 χ^2/NDF : 174.7/10

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: 13.090 ± 0.779 χ^2/NDF : 309.5/20

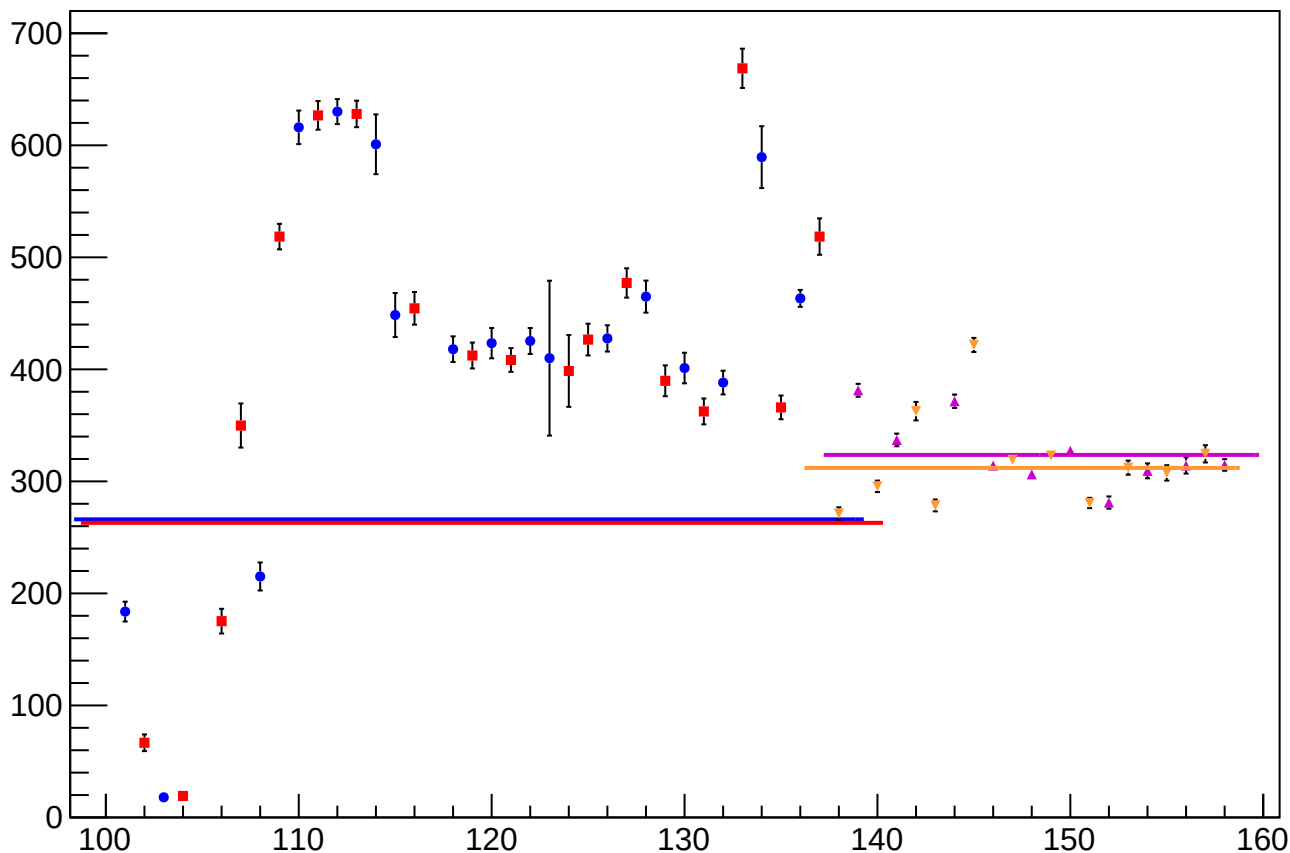
Right: -2.783 ± 1.008 χ^2/NDF : 414.0/34

In: 8.028 ± 0.887 χ^2/NDF : 426.3/26

Out: 6.337 ± 0.856 χ^2/NDF : 450.7/28

All: 7.152 ± 0.616 χ^2/NDF : 878.9/55

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: 312.026 $\pm$ 1.658 χ^2 /NDF: 504.2/10

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: 317.828 $\pm$ 1.172 χ^2 /NDF: 789.9/20

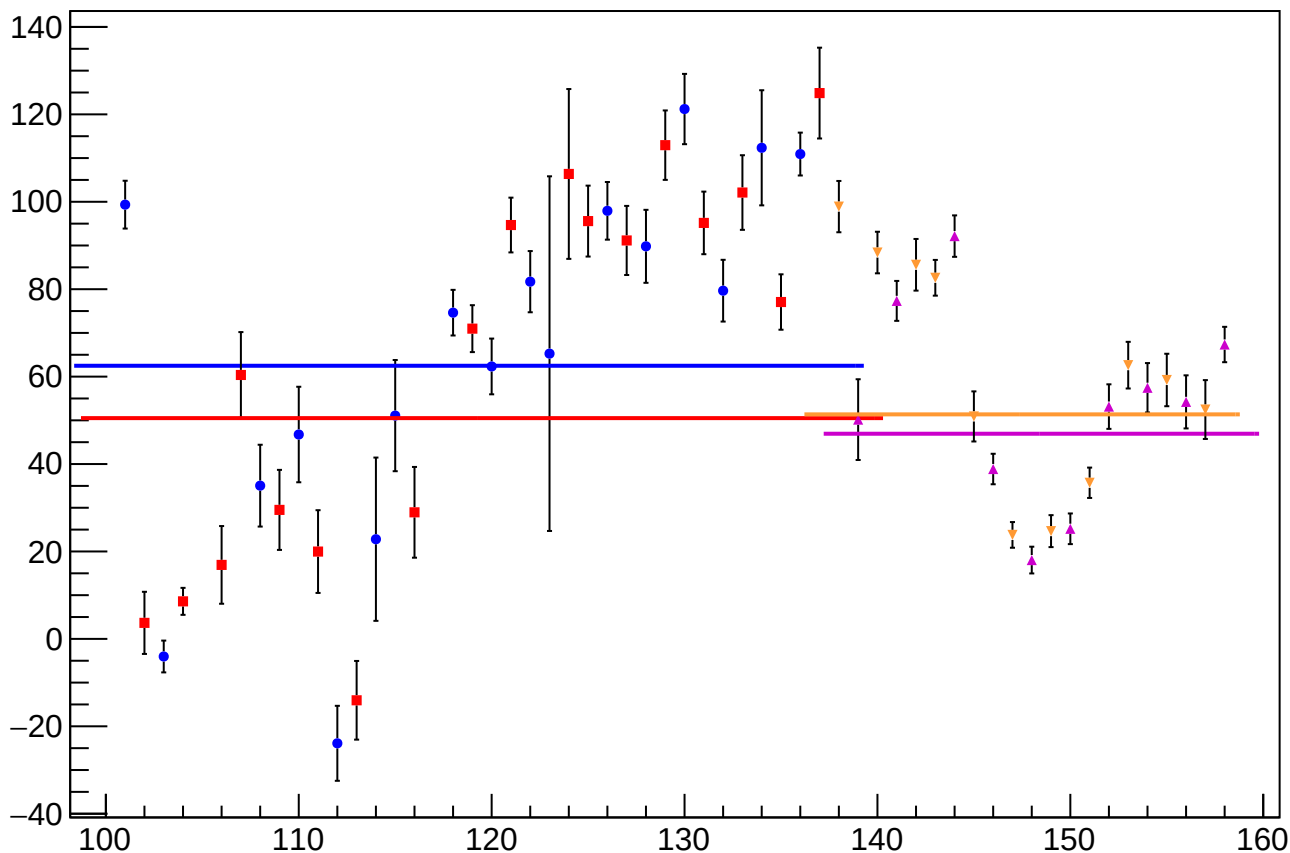
Right: 264.548 $\pm$ 1.749 χ^2 /NDF: 15816.8/34

In: 305.867 $\pm$ 1.378 χ^2 /NDF: 8276.9/26

Out: 296.773 $\pm$ 1.376 χ^2 /NDF: 8948.4/28

All: 301.312 $\pm$ 0.974 χ^2 /NDF: 17247.1/55

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 62.485 $\pm$ 1.681 χ^2 /NDF: 720.8/16

Left Out: 51.366 $\pm$ 1.348 χ^2 /NDF:386.2/10

Right Out: 50.506 $\pm$ 1.644 χ^2 /NDF: 650.6/17

Left In: 46.934 $\pm$ 1.370 χ^2 /NDF:300.2/9

Left: 49.187 $\pm$ 0.961 χ^2 /NDF: 691.7/20

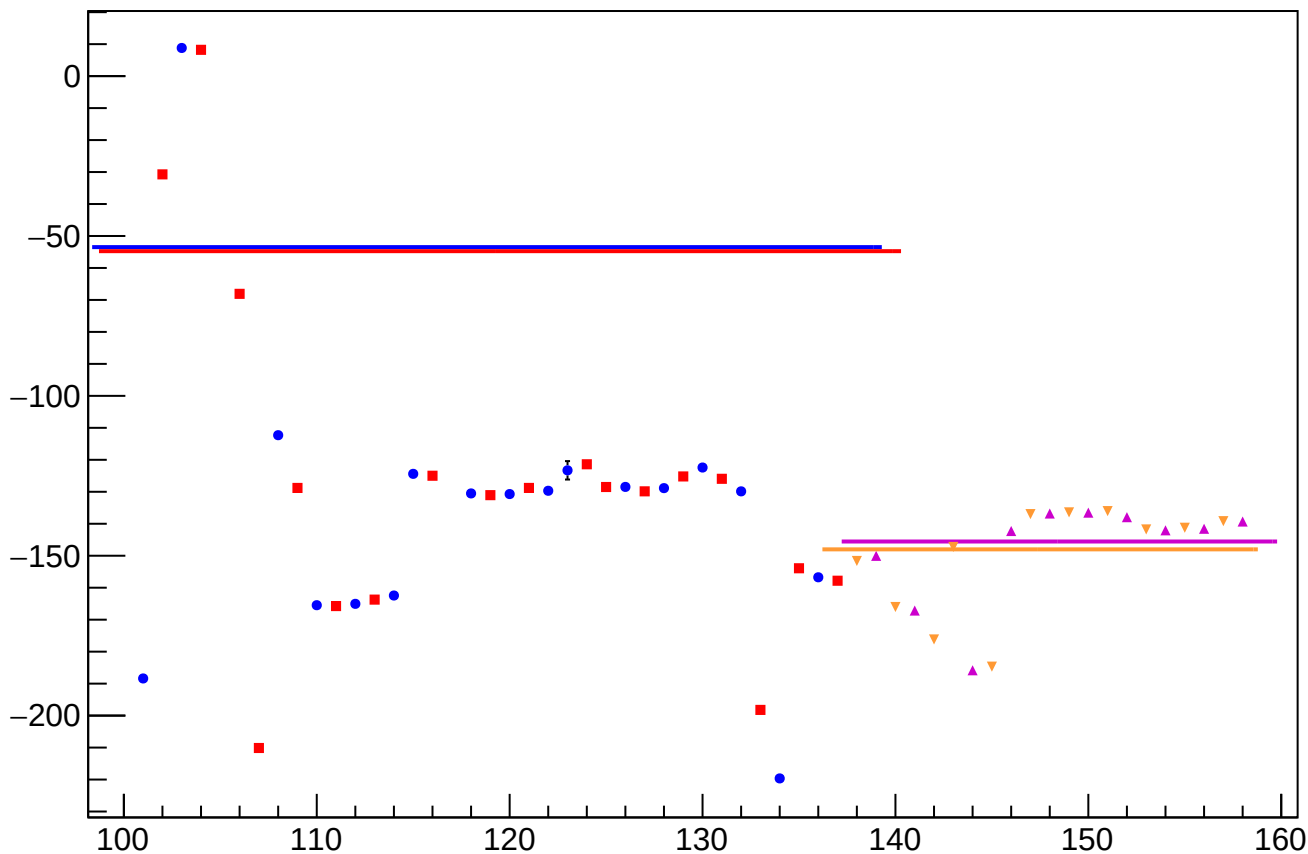
Right: 56.364 $\pm$ 1.175 χ^2 /NDF: 1397.3/34

In: 53.143 $\pm$ 1.062 χ^2 /NDF:1072.4/26

Out: 51.020 $\pm$ 1.042 χ^2 /NDF:1036.9/28

All: 52.061 $\pm$ 0.744 χ^2 /NDF: 2111.4/55

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: -148.009 ± 0.068 $\chi^2/\text{NDF}: 48769.3/10$

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: -146.748 ± 0.047 $\chi^2/\text{NDF}: 90298.8/20$

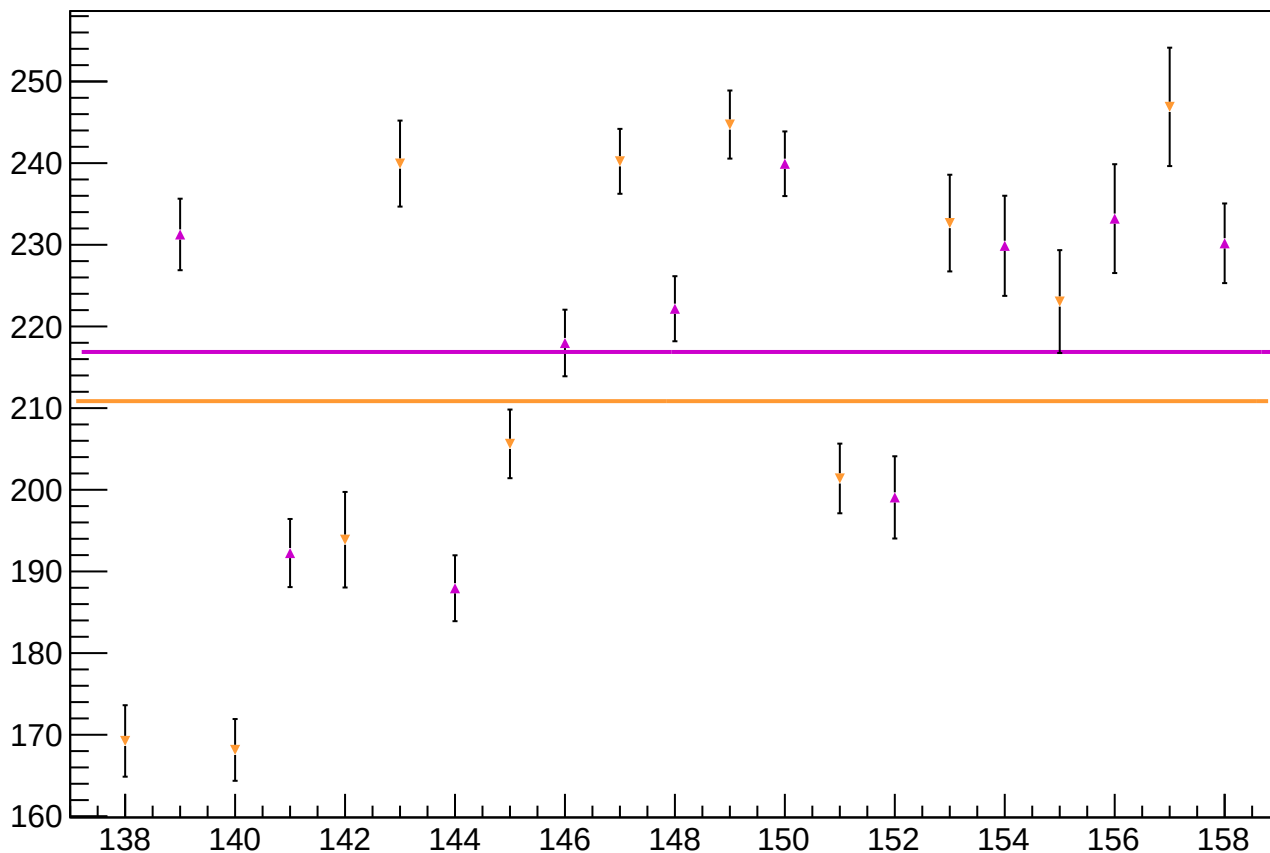
Right: -54.098 ± 0.050 $\chi^2/\text{NDF}: 2181335.1/34$

In: -102.333 ± 0.048 $\chi^2/\text{NDF}: 2179463.4/26$

Out: -104.194 ± 0.049 $\chi^2/\text{NDF}: 1887496.2/28$

All: -103.239 ± 0.035 $\chi^2/\text{NDF}: 4067686.4/55$

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: 210.855+/-1.425 χ^2/NDF : 425.9/10

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: 213.853+/-1.010 χ^2/NDF : 598.1/20

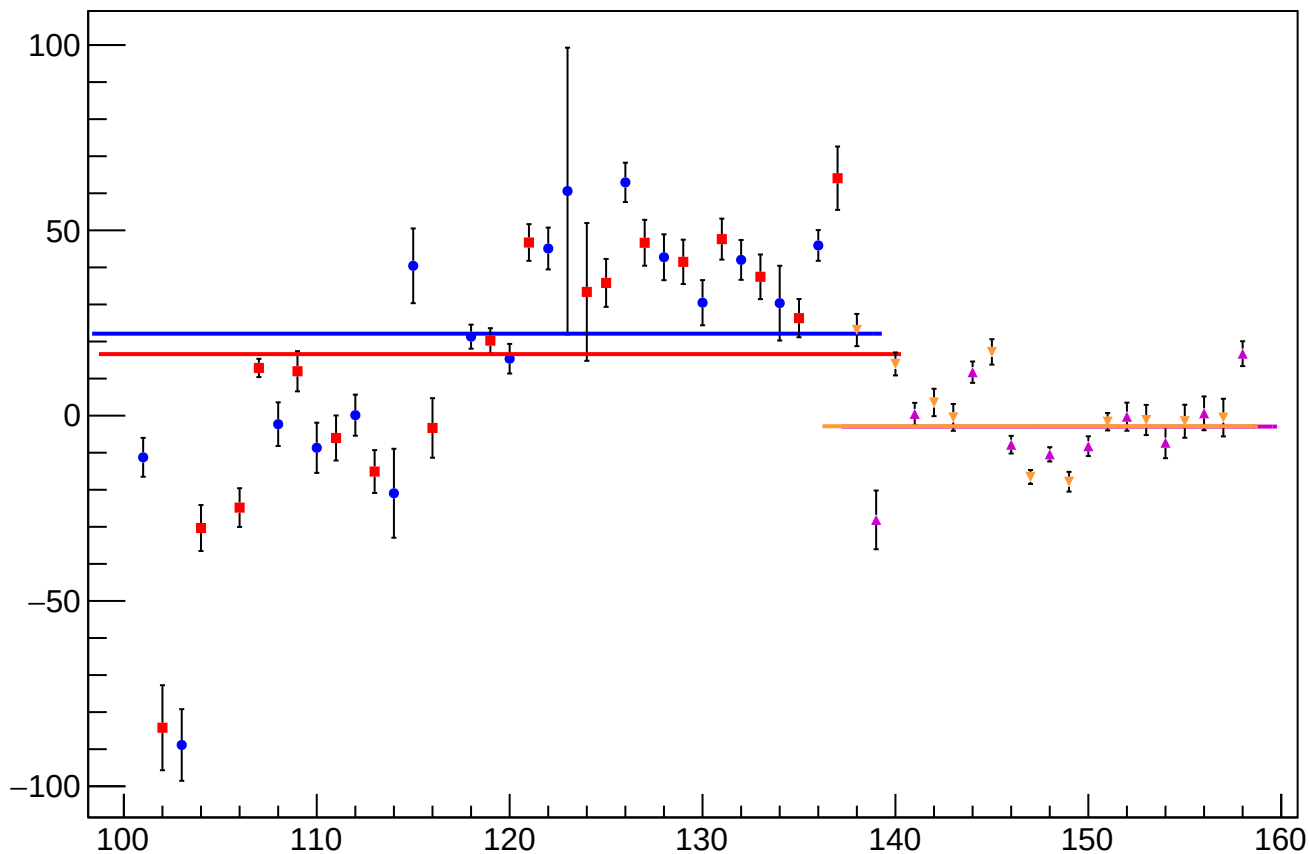
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 216.876+/-1.431 χ^2/NDF : 163.3/9

Out: 210.855+/-1.425 χ^2/NDF : 425.9/10

All: 213.853+/-1.010 χ^2/NDF : 598.1/20

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: -2.855 ± 0.935 $\chi^2/\text{NDF}: 187.7/10$

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: -2.902 ± 0.668 $\chi^2/\text{NDF}: 284.8/20$

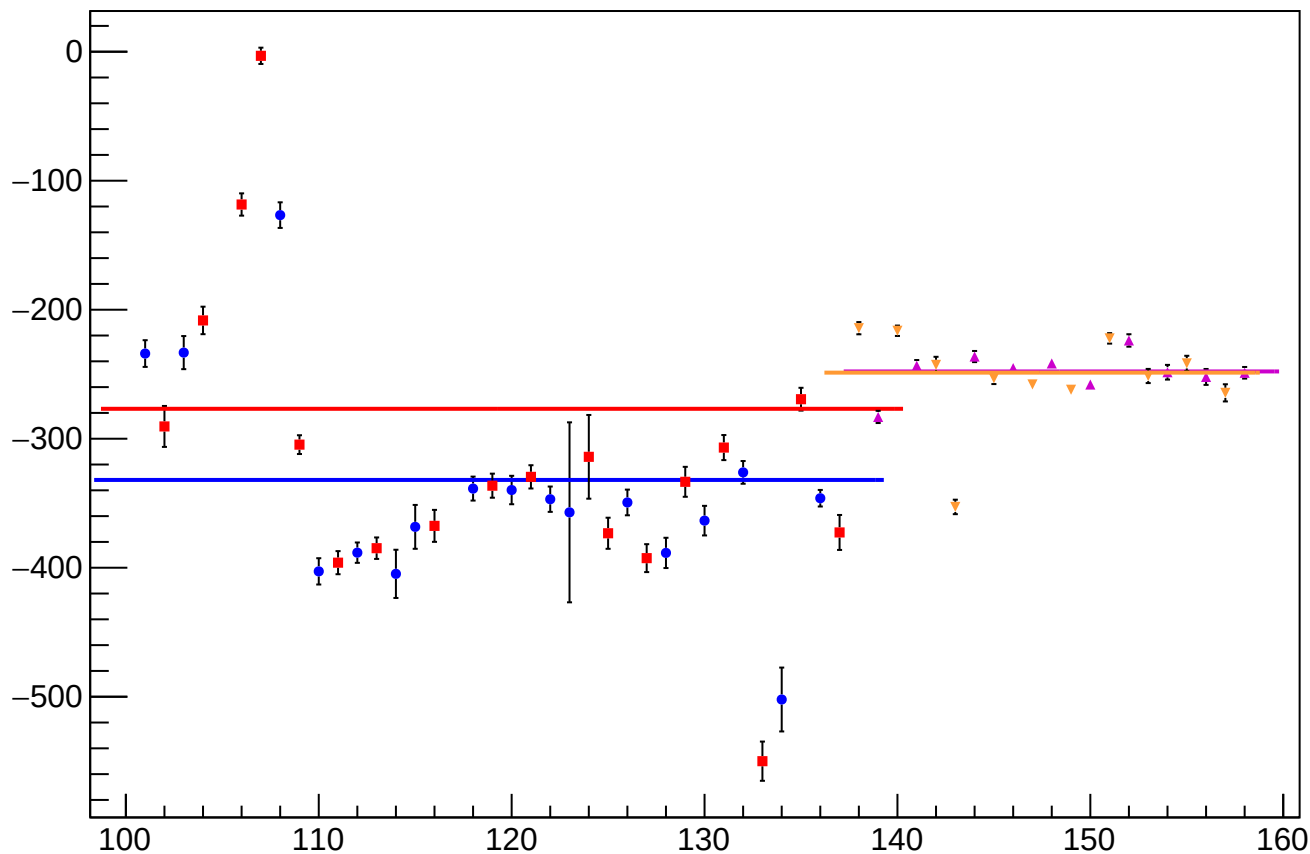
Right: 19.049 ± 0.917 $\chi^2/\text{NDF}: 807.7/34$

In: 5.187 ± 0.784 $\chi^2/\text{NDF}: 703.2/26$

Out: 4.280 ± 0.744 $\chi^2/\text{NDF}: 763.2/28$

All: 4.710 ± 0.540 $\chi^2/\text{NDF}: 1467.1/55$

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: -248.766 ± 1.418 $\chi^2/\text{NDF}: 530.8/10$

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: -248.304 ± 0.997 $\chi^2/\text{NDF}: 630.6/20$

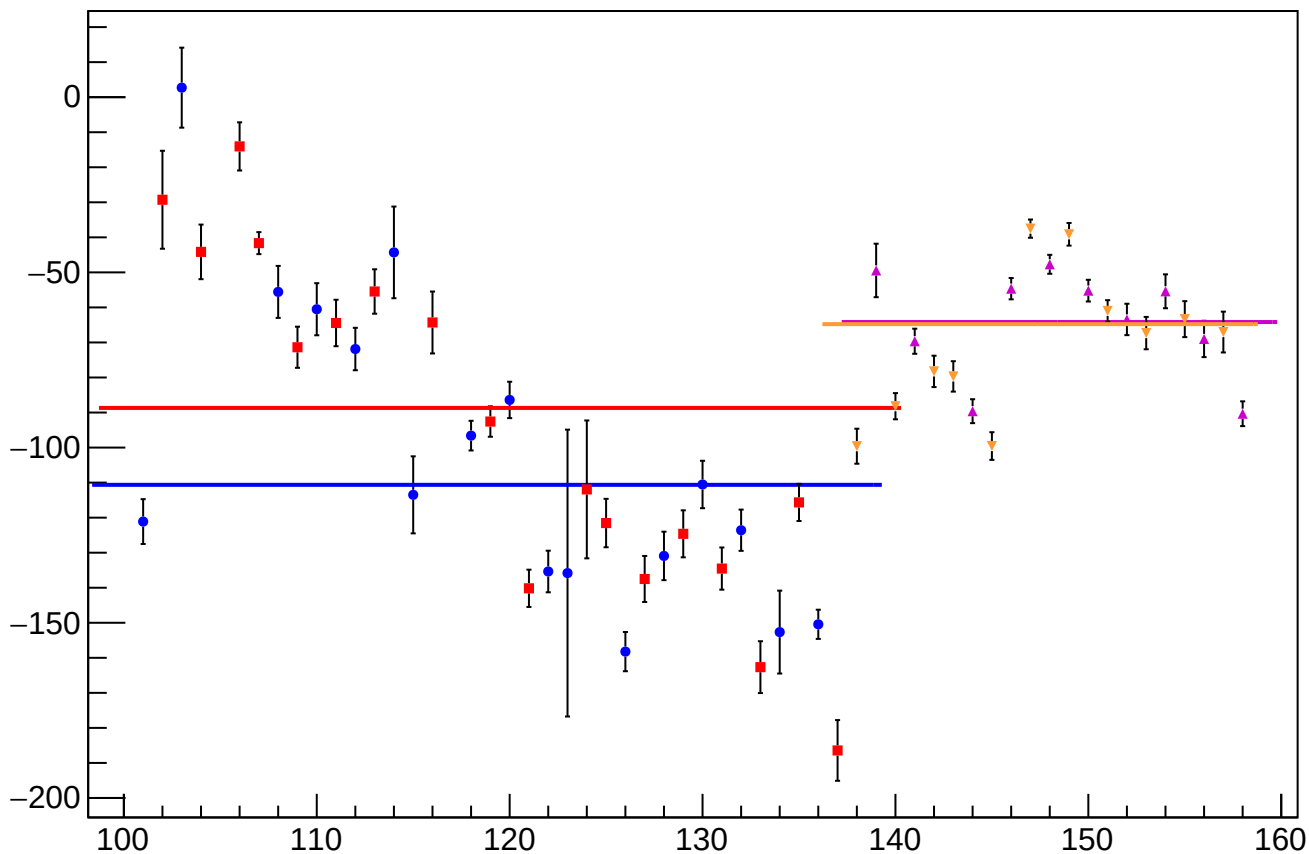
Right: -301.706 ± 1.725 $\chi^2/\text{NDF}: 4369.1/34$

In: -267.166 ± 1.230 $\chi^2/\text{NDF}: 1711.9/26$

Out: -256.348 ± 1.211 $\chi^2/\text{NDF}: 3966.9/28$

All: -261.673 ± 0.863 $\chi^2/\text{NDF}: 5718.0/55$

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: -64.775 ± 1.160 χ^2/NDF : 361.7/10

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: -64.474 ± 0.821 χ^2/NDF : 537.8/20

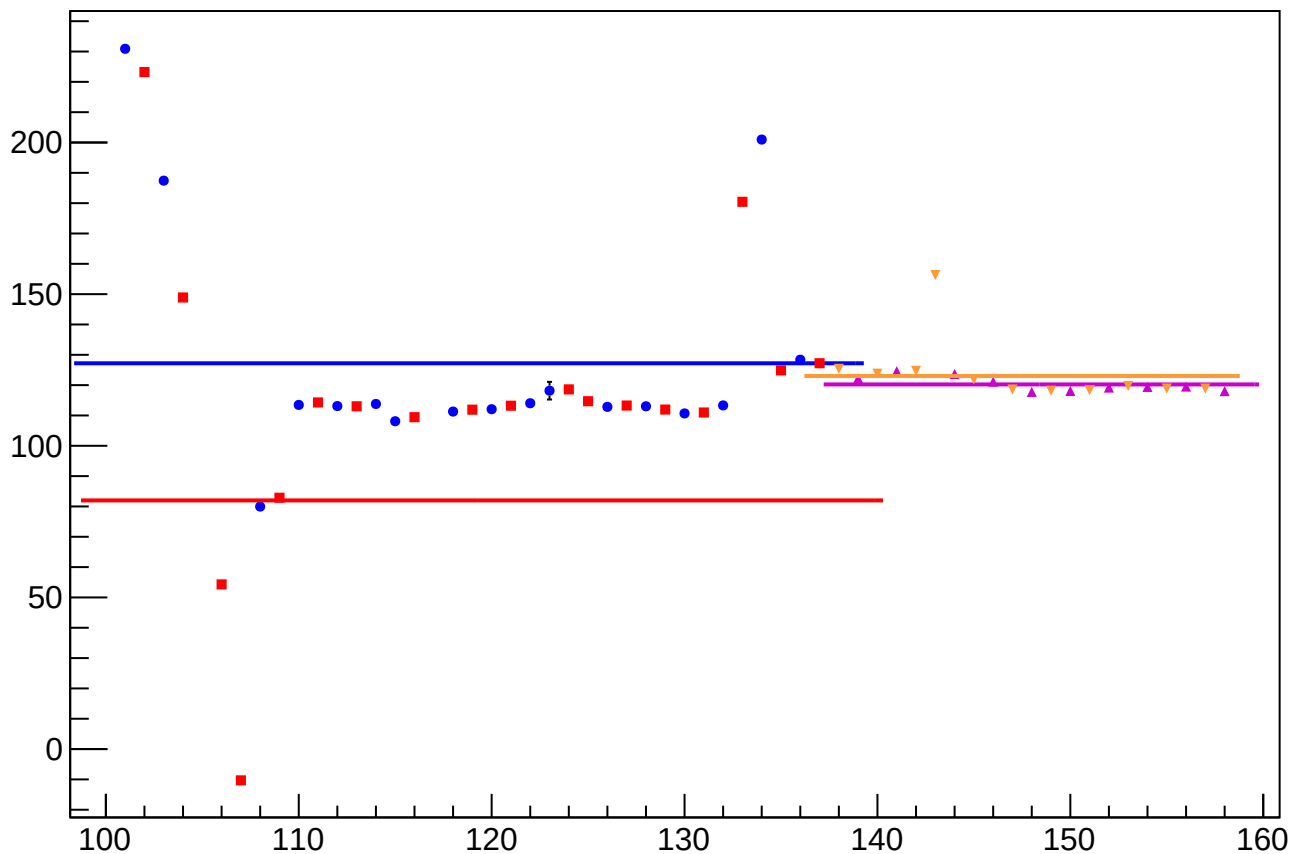
Right: -98.593 ± 1.062 χ^2/NDF : 1578.5/34

In: -80.474 ± 0.937 χ^2/NDF : 1245.3/26

Out: -74.225 ± 0.902 χ^2/NDF : 1493.7/28

All: -77.231 ± 0.650 χ^2/NDF : 2762.1/55

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 127.205 $\pm$ 0.089 χ^2 /NDF: 188026.3/16

Left Out: 123.016 $\pm$ 0.058 χ^2 /NDF: 25093.8/10

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: 121.575 $\pm$ 0.040 χ^2 /NDF: 28058.3/20

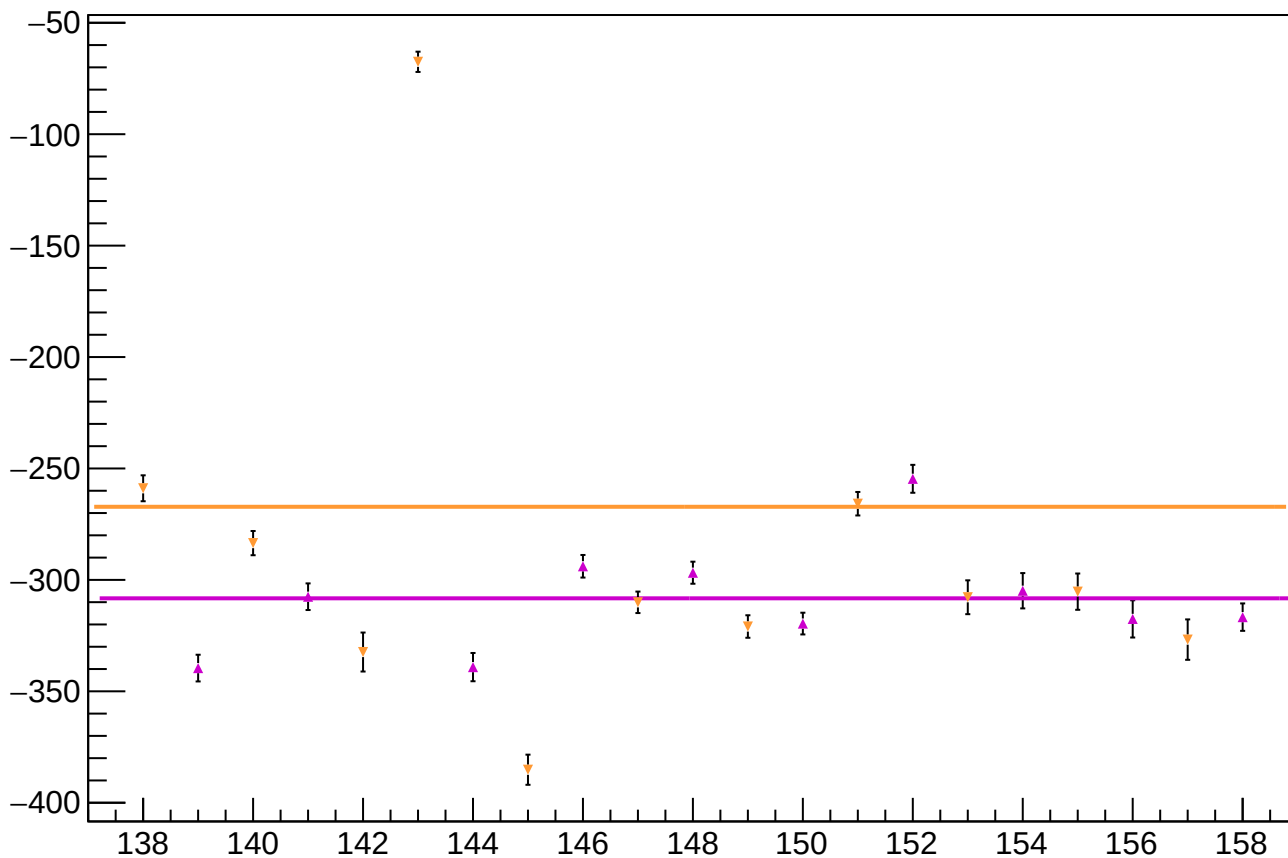
Right: 100.877 $\pm$ 0.058 χ^2 /NDF: 1087676.4/34

In: 122.202 $\pm$ 0.047 χ^2 /NDF: 194186.2/26

Out: 107.802 $\pm$ 0.046 χ^2 /NDF: 960726.5/28

All: 114.783 $\pm$ 0.033 χ^2 /NDF: 1202480.1/55

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: -267.190+/-1.798 χ^2/NDF :2583.3/10

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: -286.875+/-1.297 χ^2/NDF : 2980.0/20

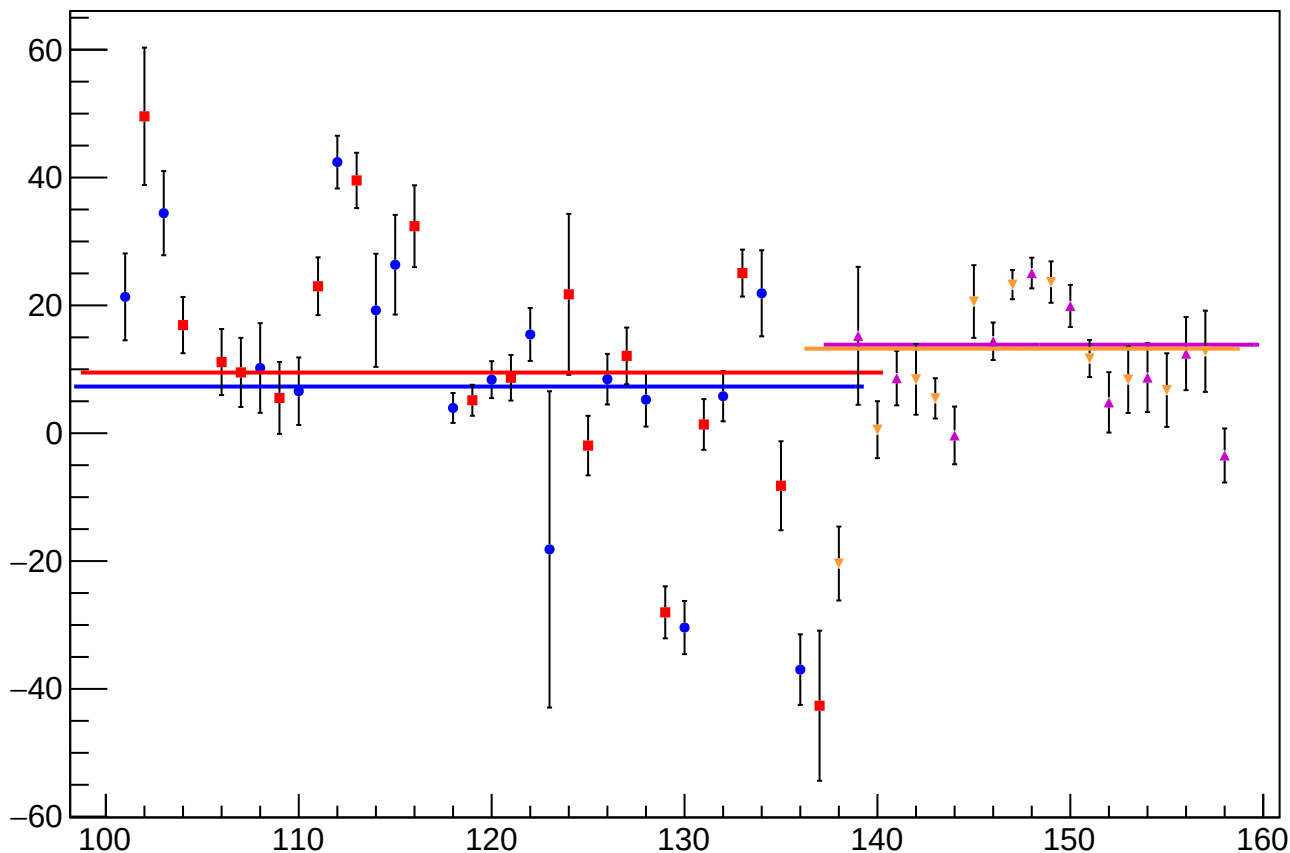
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -308.271+/-1.874 χ^2/NDF :146.5/9

Out: -267.190+/-1.798 χ^2/NDF :2583.3/10

All: -286.875+/-1.297 χ^2/NDF : 2980.0/20

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.303 ± 1.086 $\chi^2/\text{NDF}: 260.6/16$

Left Out: 13.219 ± 1.161 $\chi^2/\text{NDF}: 82.4/10$

Right Out: 9.493 ± 1.073 $\chi^2/\text{NDF}: 231.1/17$

Left In: 13.849 ± 1.230 $\chi^2/\text{NDF}: 58.1/9$

Left: 13.516 ± 0.844 $\chi^2/\text{NDF}: 140.7/20$

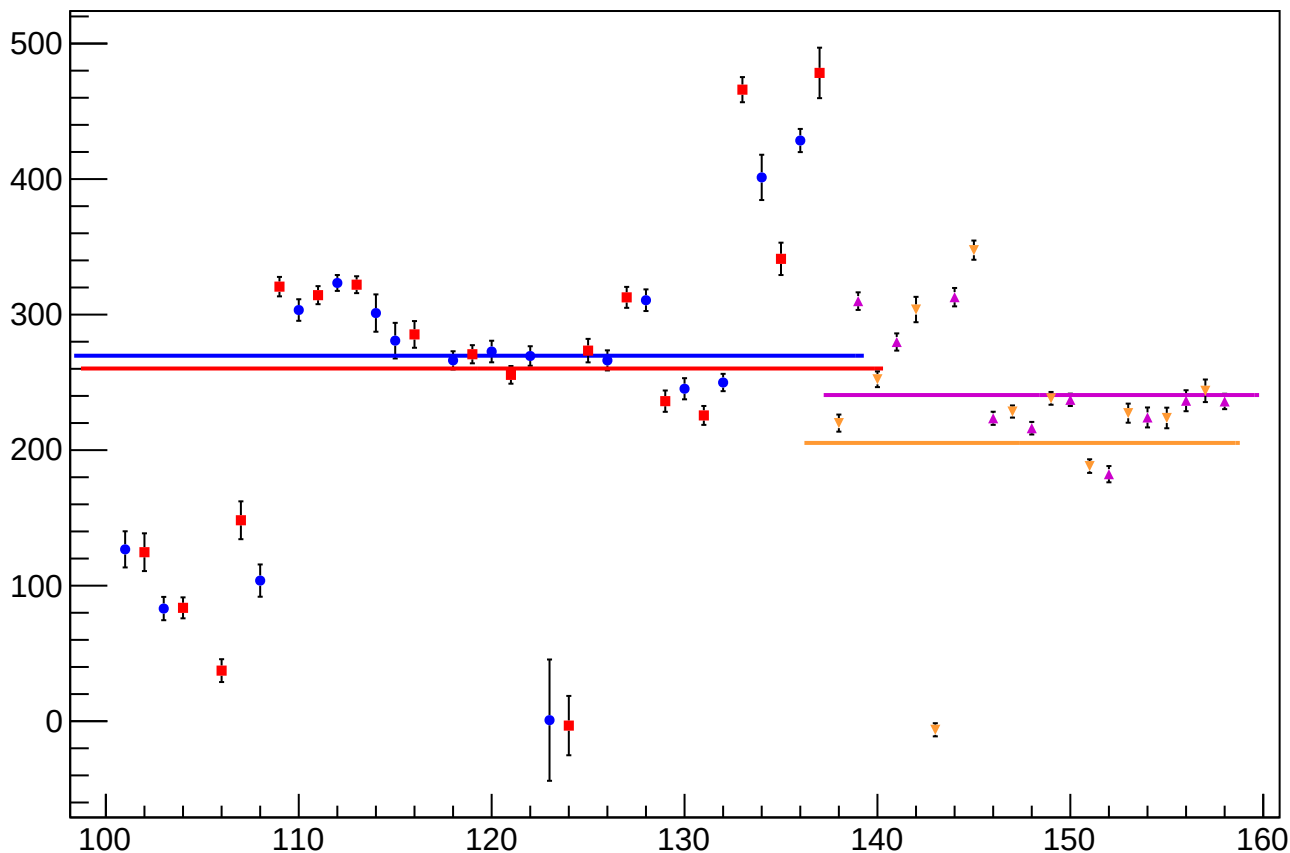
Right: 8.410 ± 0.763 $\chi^2/\text{NDF}: 493.8/34$

In: 10.168 ± 0.814 $\chi^2/\text{NDF}: 334.6/26$

Out: 11.209 ± 0.788 $\chi^2/\text{NDF}: 319.1/28$

All: 10.706 ± 0.566 $\chi^2/\text{NDF}: 654.6/55$

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: 205.317 $\pm$ 1.783 χ^2 /NDF:2611.0/10

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: 222.610 $\pm$ 1.274 χ^2 /NDF: 3210.2/20

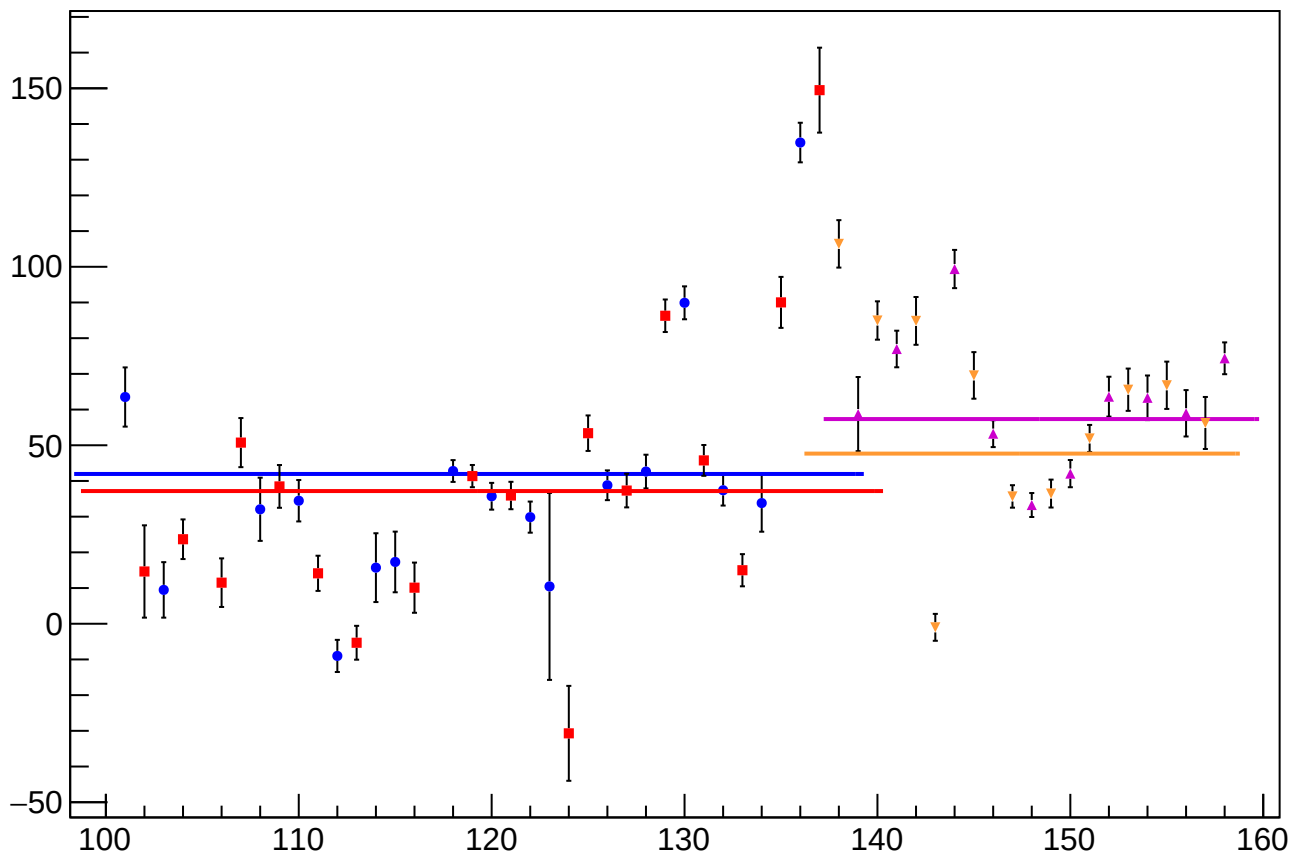
Right: 264.719 $\pm$ 1.432 χ^2 /NDF: 3915.4/34

In: 253.272 $\pm$ 1.369 χ^2 /NDF:1894.0/26

Out: 229.925 $\pm$ 1.325 χ^2 /NDF:5563.8/28

All: 241.213 $\pm$ 0.952 χ^2 /NDF: 7608.0/55

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: 47.665 ± 1.444 $\chi^2/\text{NDF}: 378.0/10$

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: 52.306 ± 1.042 $\chi^2/\text{NDF}: 561.3/20$

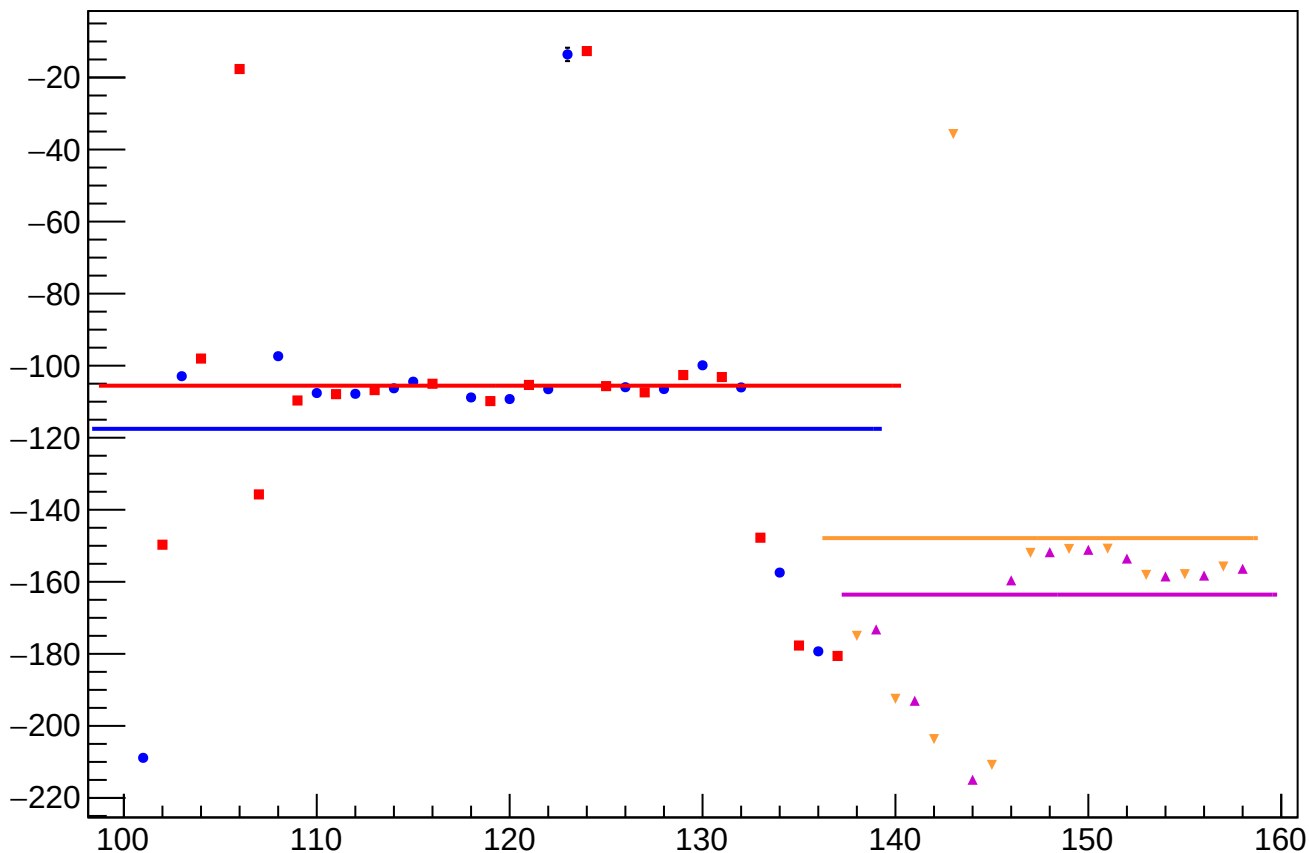
Right: 39.523 ± 0.882 $\chi^2/\text{NDF}: 1052.5/34$

In: 48.291 ± 0.965 $\chi^2/\text{NDF}: 797.5/26$

Out: 41.609 ± 0.939 $\chi^2/\text{NDF}: 879.4/28$

All: 44.859 ± 0.673 $\chi^2/\text{NDF}: 1701.5/55$

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: -147.876+/-0.073 χ^2/NDF : 451160.1/10

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: -155.753+/-0.052 χ^2/NDF : 530897.8/20

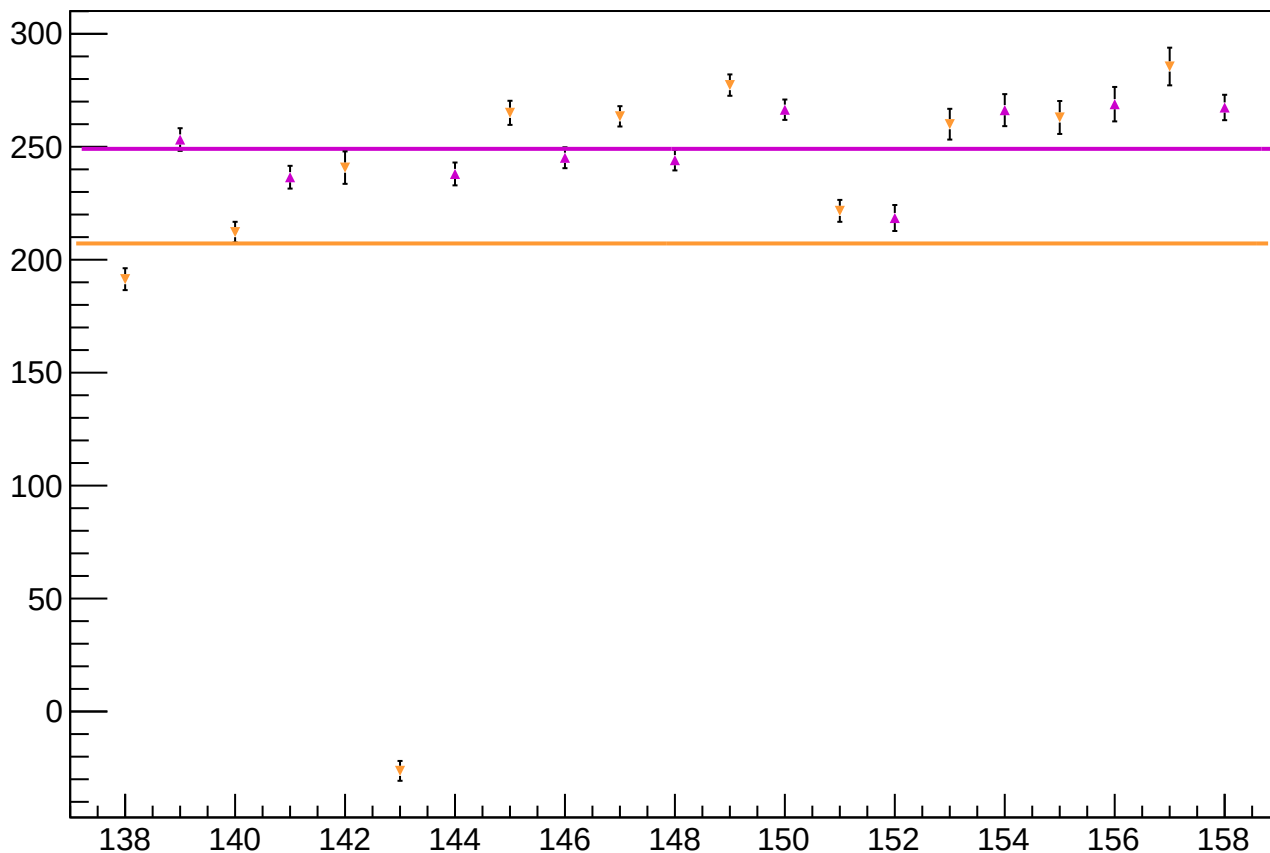
Right: -111.128+/-0.053 χ^2/NDF : 472040.3/34

In: -142.195+/-0.053 χ^2/NDF : 384598.3/26

Out: -126.665+/-0.052 χ^2/NDF : 936831.1/28

All: -134.188+/-0.037 χ^2/NDF : 1365326.7/55

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

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: 227.394+/-1.155 χ^2/NDF : 3973.2/20

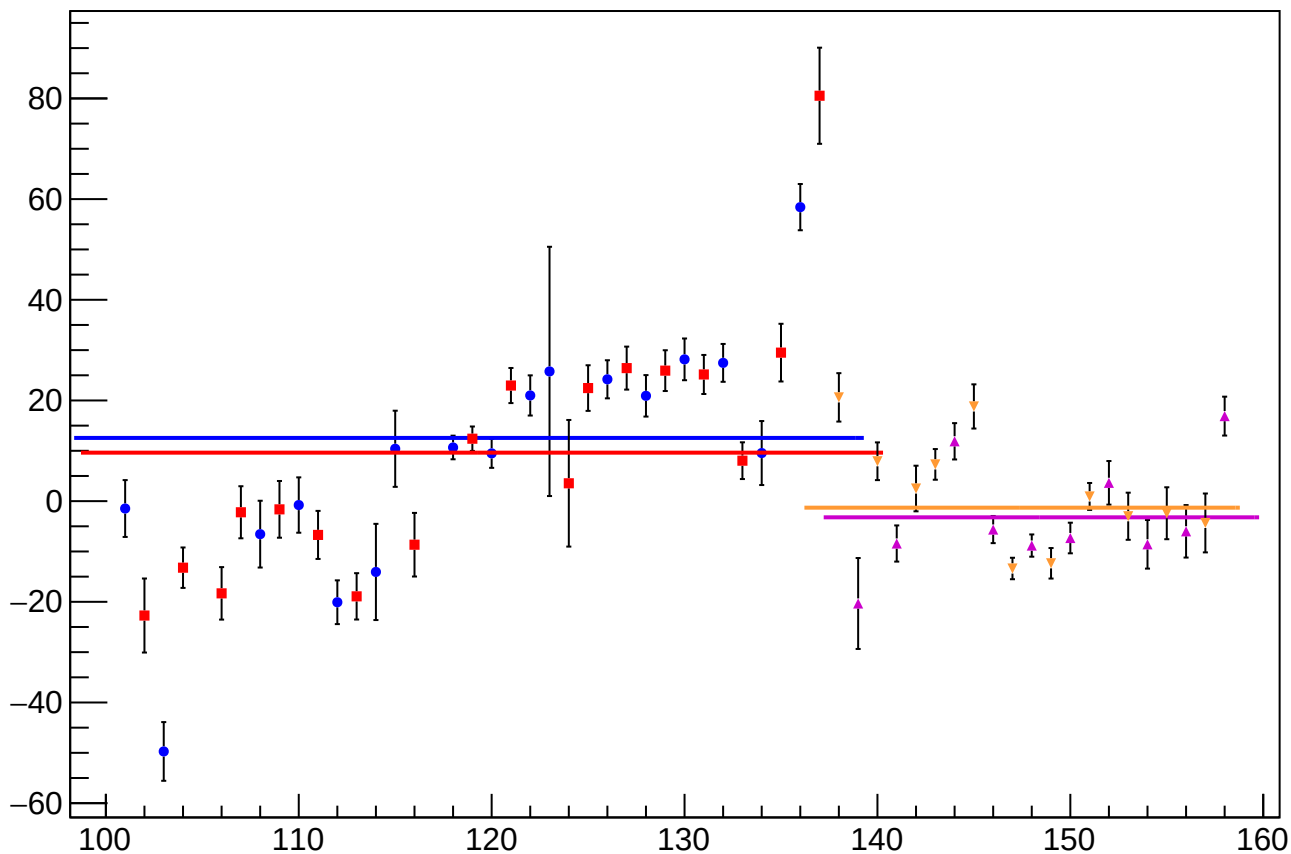
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 249.084+/-1.663 χ^2/NDF :79.9/9

Out: 207.198+/-1.605 χ^2/NDF :3564.9/10

All: 227.394+/-1.155 χ^2/NDF : 3973.2/20

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.559 ± 1.057 $\chi^2/\text{NDF}: 348.6/16$

Left Out: -1.297 ± 1.052 $\chi^2/\text{NDF}: 103.0/10$

Right Out: 9.631 ± 1.049 $\chi^2/\text{NDF}: 287.5/17$

Left In: -3.215 ± 1.106 $\chi^2/\text{NDF}: 63.4/9$

Left: -2.208 ± 0.762 $\chi^2/\text{NDF}: 168.0/20$

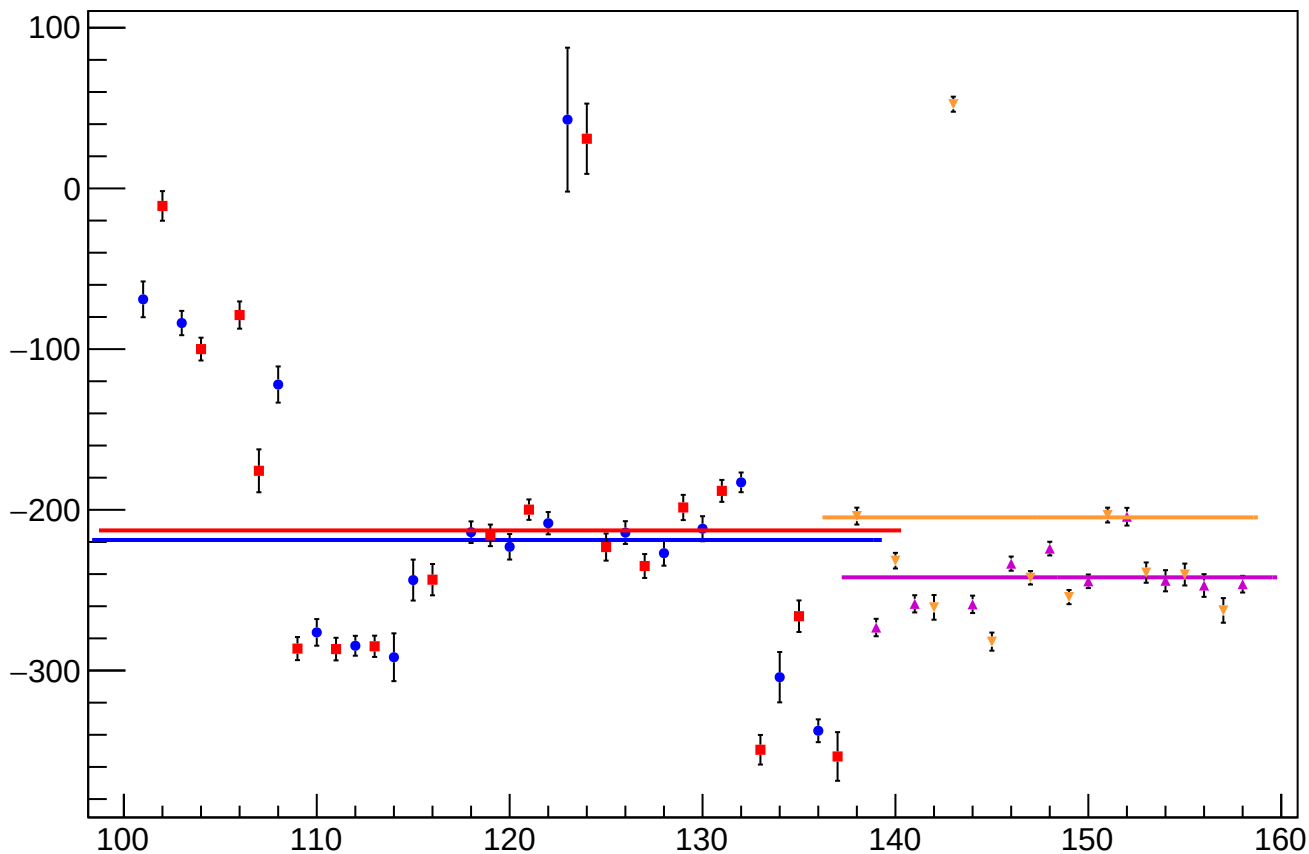
Right: 11.084 ± 0.745 $\chi^2/\text{NDF}: 639.9/34$

In: 5.029 ± 0.764 $\chi^2/\text{NDF}: 518.2/26$

Out: 4.181 ± 0.743 $\chi^2/\text{NDF}: 444.6/28$

All: 4.593 ± 0.533 $\chi^2/\text{NDF}: 963.4/55$

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: -204.717 ± 1.600 $\chi^2/\text{NDF}: 3599.5/10$

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: -223.066 ± 1.140 $\chi^2/\text{NDF}: 3988.8/20$

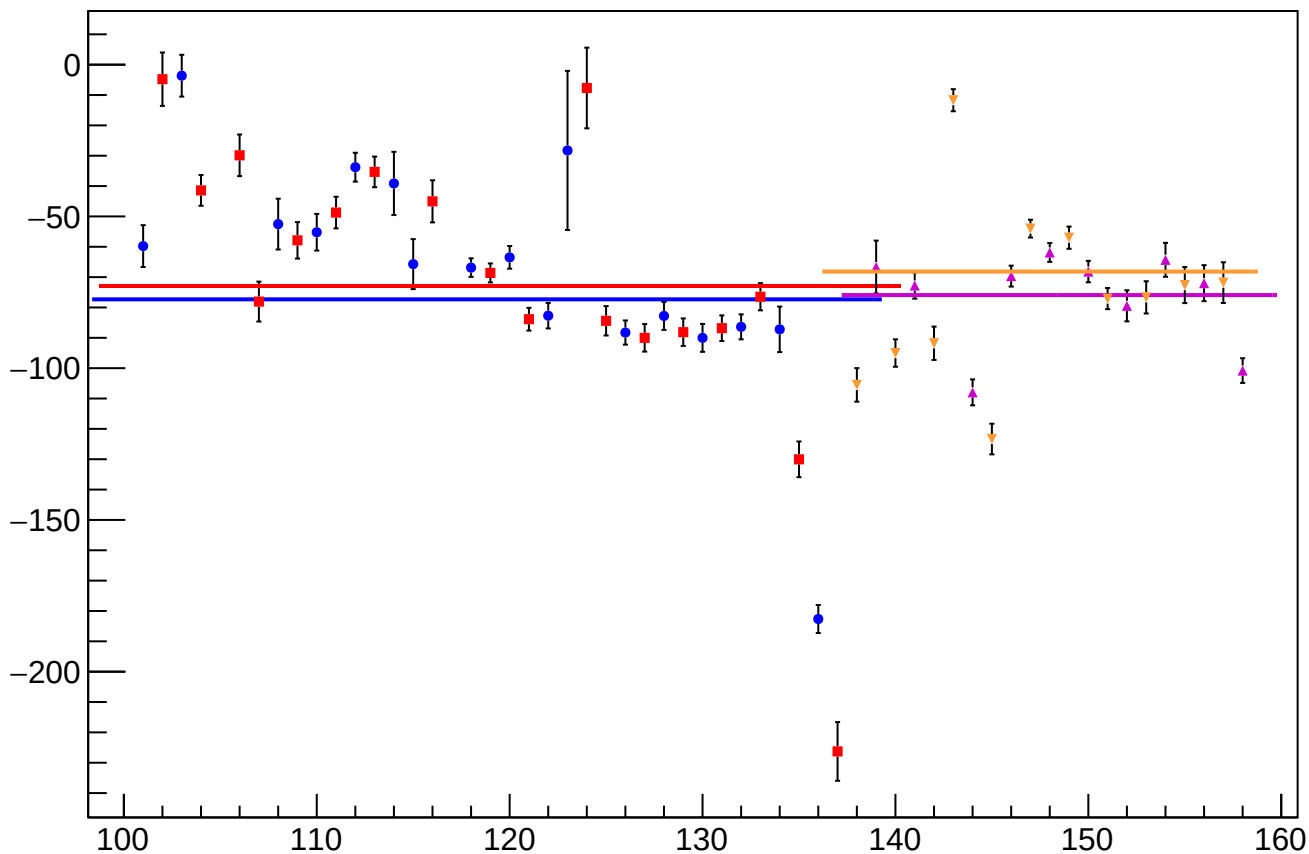
Right: -215.666 ± 1.391 $\chi^2/\text{NDF}: 2973.5/34$

In: -232.820 ± 1.264 $\chi^2/\text{NDF}: 1347.3/26$

Out: -208.024 ± 1.231 $\chi^2/\text{NDF}: 5434.4/28$

All: -220.091 ± 0.882 $\chi^2/\text{NDF}: 6979.2/55$

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: -68.172 ± 1.304 χ^2/NDF : 501.5/10

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: -71.909 ± 0.938 χ^2/NDF : 647.6/20

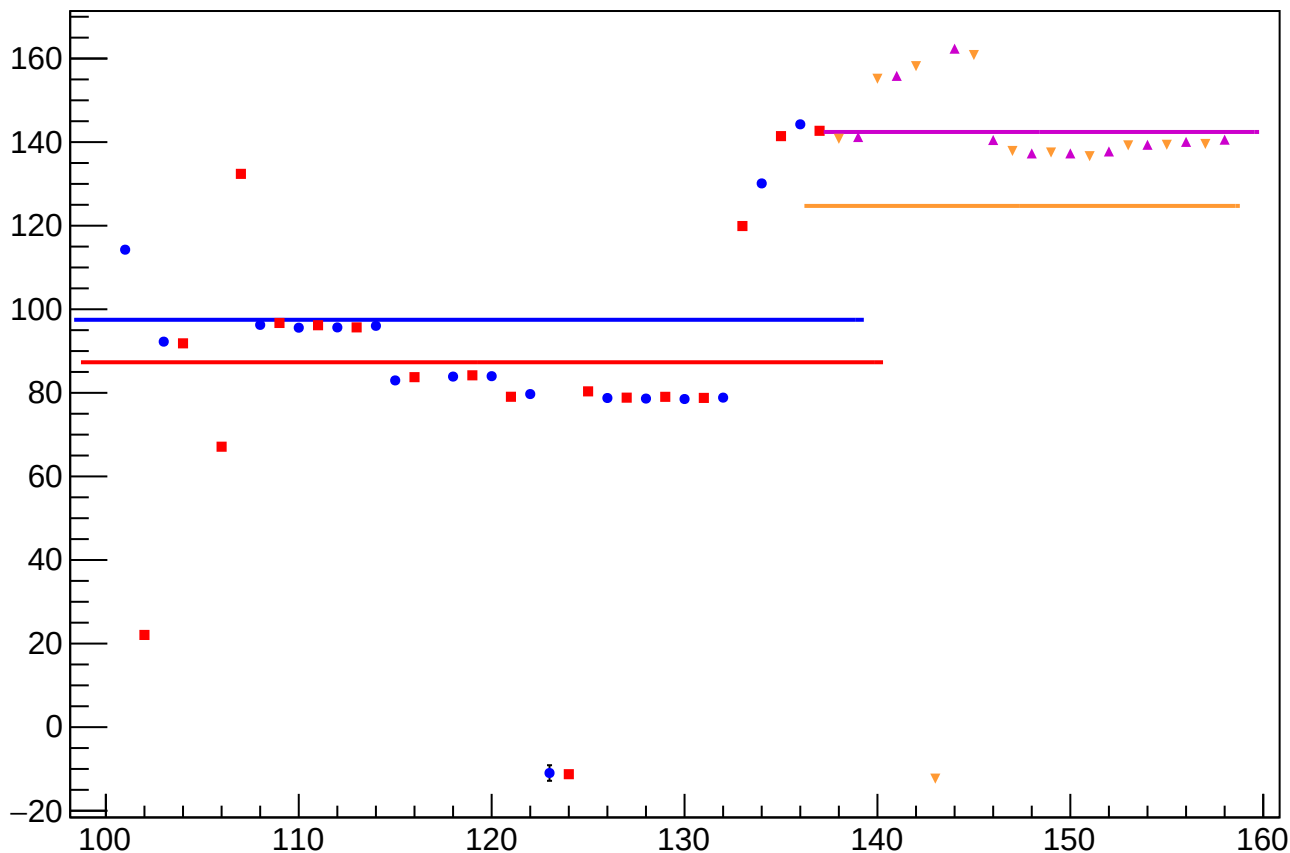
Right: -75.095 ± 0.859 χ^2/NDF : 1485.1/34

In: -76.684 ± 0.906 χ^2/NDF : 947.4/26

Out: -70.729 ± 0.886 χ^2/NDF : 1169.5/28

All: -73.641 ± 0.633 χ^2/NDF : 2138.9/55

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: 124.732+/-0.065 χ^2/NDF : 618363.0/10

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: 133.655+/-0.046 χ^2/NDF : 668800.8/20

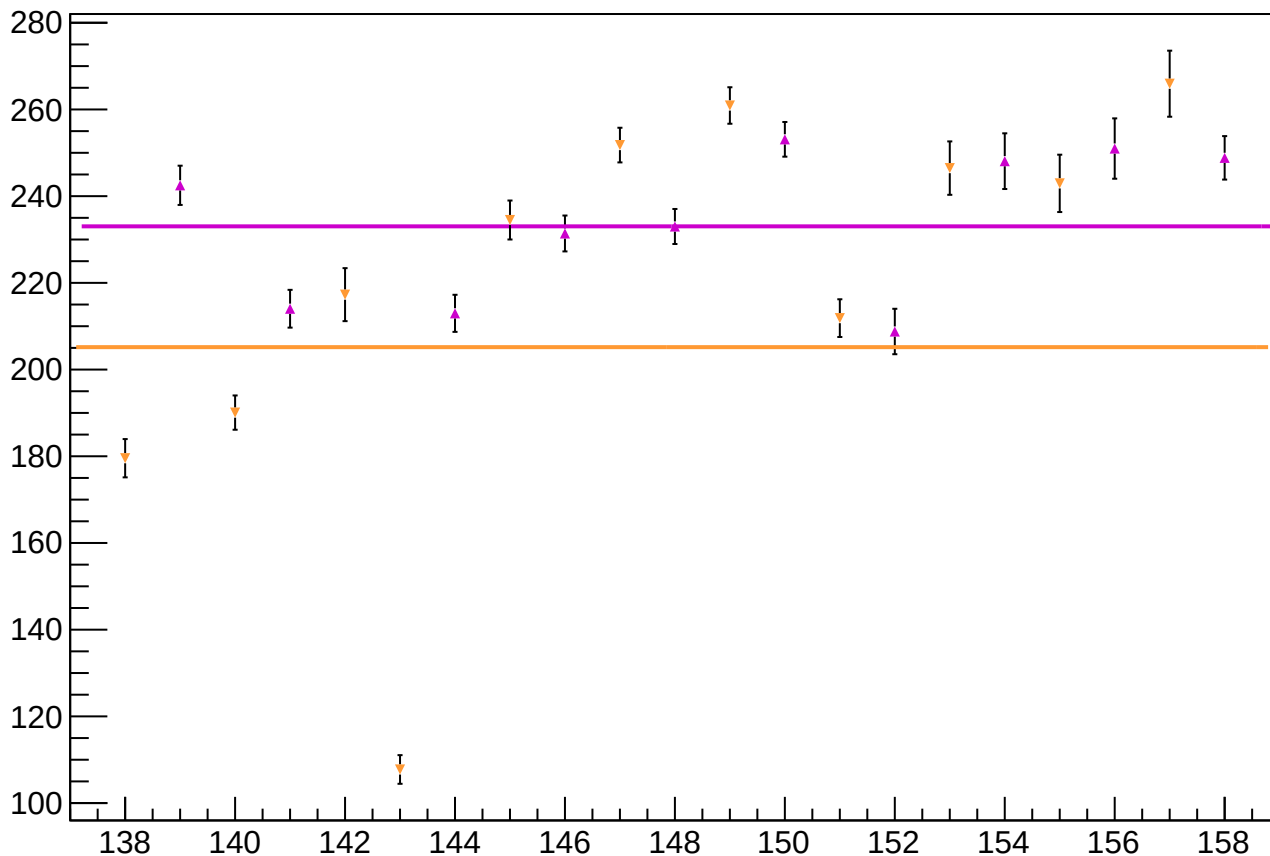
Right: 92.040+/-0.050 χ^2/NDF : 326534.9/34

In: 122.721+/-0.049 χ^2/NDF : 318634.6/26

Out: 106.853+/-0.047 χ^2/NDF : 996713.2/28

All: 114.566+/-0.034 χ^2/NDF : 1370189.7/55

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

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: 218.225+/-1.010 χ^2/NDF : 1721.7/20

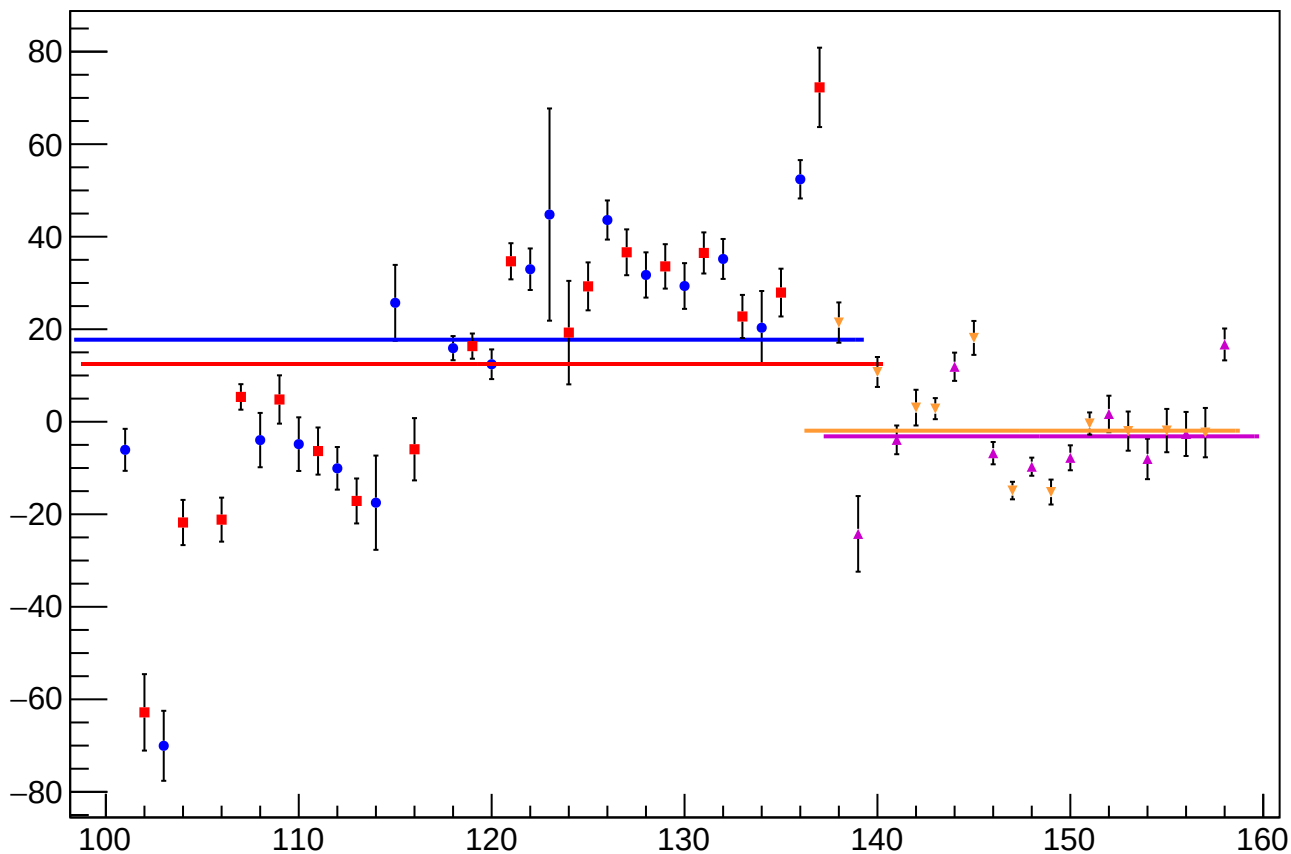
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 233.038+/-1.475 χ^2/NDF :114.2/9

Out: 205.171+/-1.385 χ^2/NDF :1417.9/10

All: 218.225+/-1.010 χ^2/NDF : 1721.7/20

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.737 $\pm$ 1.149 χ^2 /NDF: 394.0/16

Left Out: -1.929 $\pm$ 0.909 χ^2 /NDF:151.5/10

Right Out: 12.484 $\pm$ 1.085 χ^2 /NDF: 429.2/17

Left In: -3.154 $\pm$ 0.980 χ^2 /NDF:83.5/9

Left: -2.496 $\pm$ 0.667 χ^2 /NDF: 235.8/20

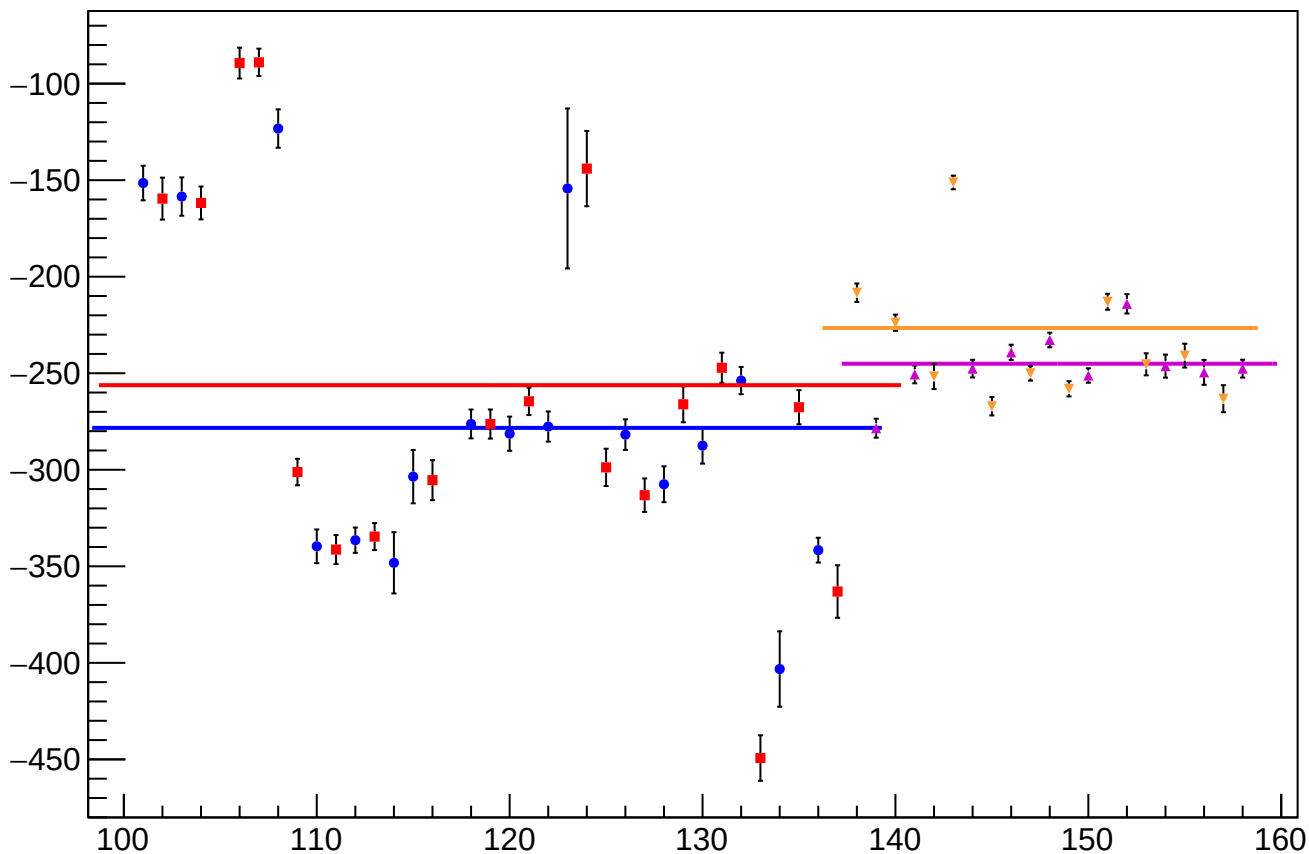
Right: 14.961 $\pm$ 0.789 χ^2 /NDF: 834.2/34

In: 5.648 $\pm$ 0.746 χ^2 /NDF:668.9/26

Out: 4.016 $\pm$ 0.697 χ^2 /NDF:684.3/28

All: 4.777 $\pm$ 0.509 χ^2 /NDF: 1355.8/55

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -278.294 ± 2.172 $\chi^2/\text{NDF}: 910.0/16$

Left Out: -226.549 ± 1.387 $\chi^2/\text{NDF}: 717.2/10$

Right Out: -256.177 ± 2.025 $\chi^2/\text{NDF}: 1952.2/17$

Left In: -245.072 ± 1.444 $\chi^2/\text{NDF}: 102.7/9$

Left: -235.438 ± 1.000 $\chi^2/\text{NDF}: 905.5/20$

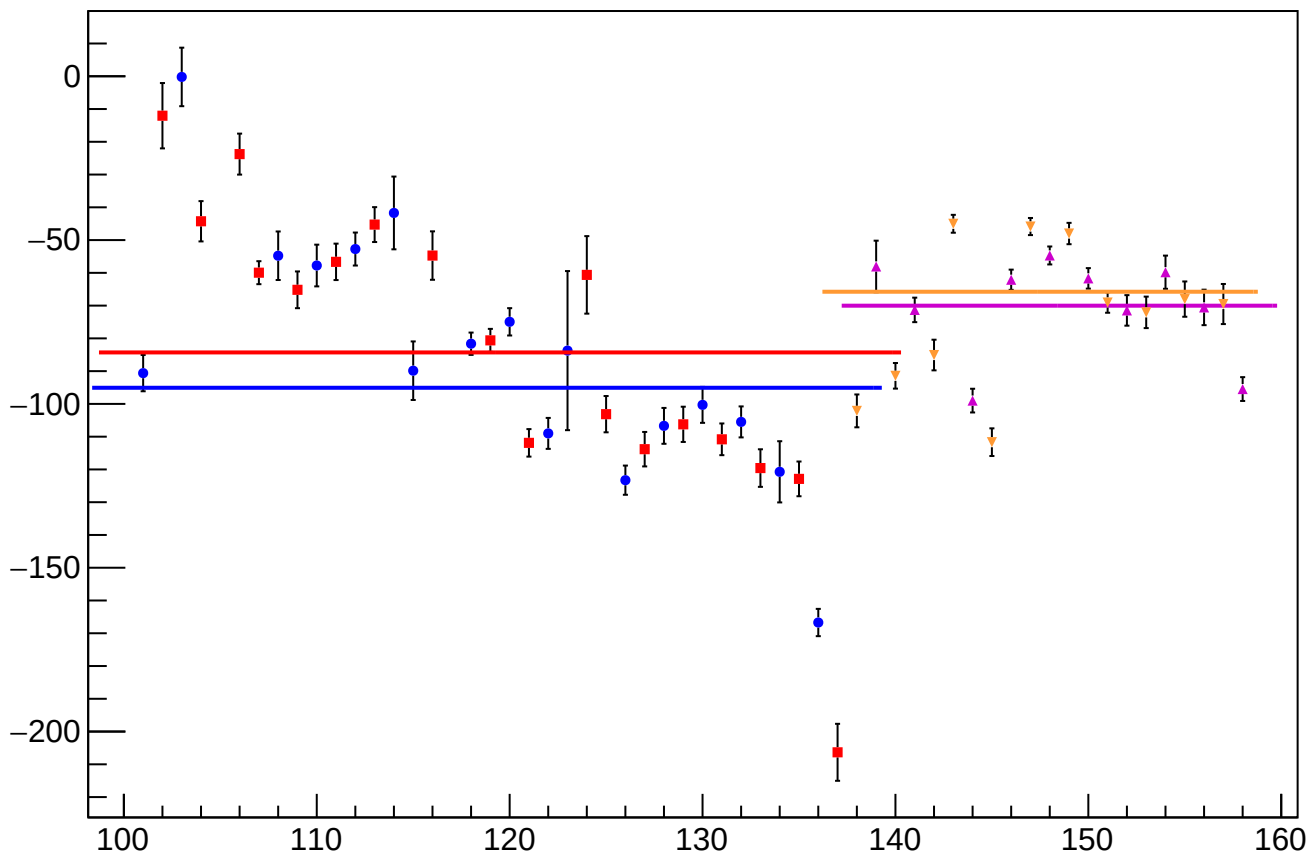
Right: -266.460 ± 1.481 $\chi^2/\text{NDF}: 2917.6/34$

In: -255.254 ± 1.203 $\chi^2/\text{NDF}: 1174.9/26$

Out: -236.011 ± 1.144 $\chi^2/\text{NDF}: 2815.2/28$

All: -245.156 ± 0.829 $\chi^2/\text{NDF}: 4124.4/55$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -95.074 ± 1.325 $\chi^2/\text{NDF}: 673.2/16$

Left Out: -65.764 ± 1.126 $\chi^2/\text{NDF}: 379.9/10$

Right Out: -84.290 ± 1.258 $\chi^2/\text{NDF}: 768.8/17$

Left In: -70.023 ± 1.196 $\chi^2/\text{NDF}: 164.7/9$

Left: -67.765 ± 0.820 $\chi^2/\text{NDF}: 551.4/20$

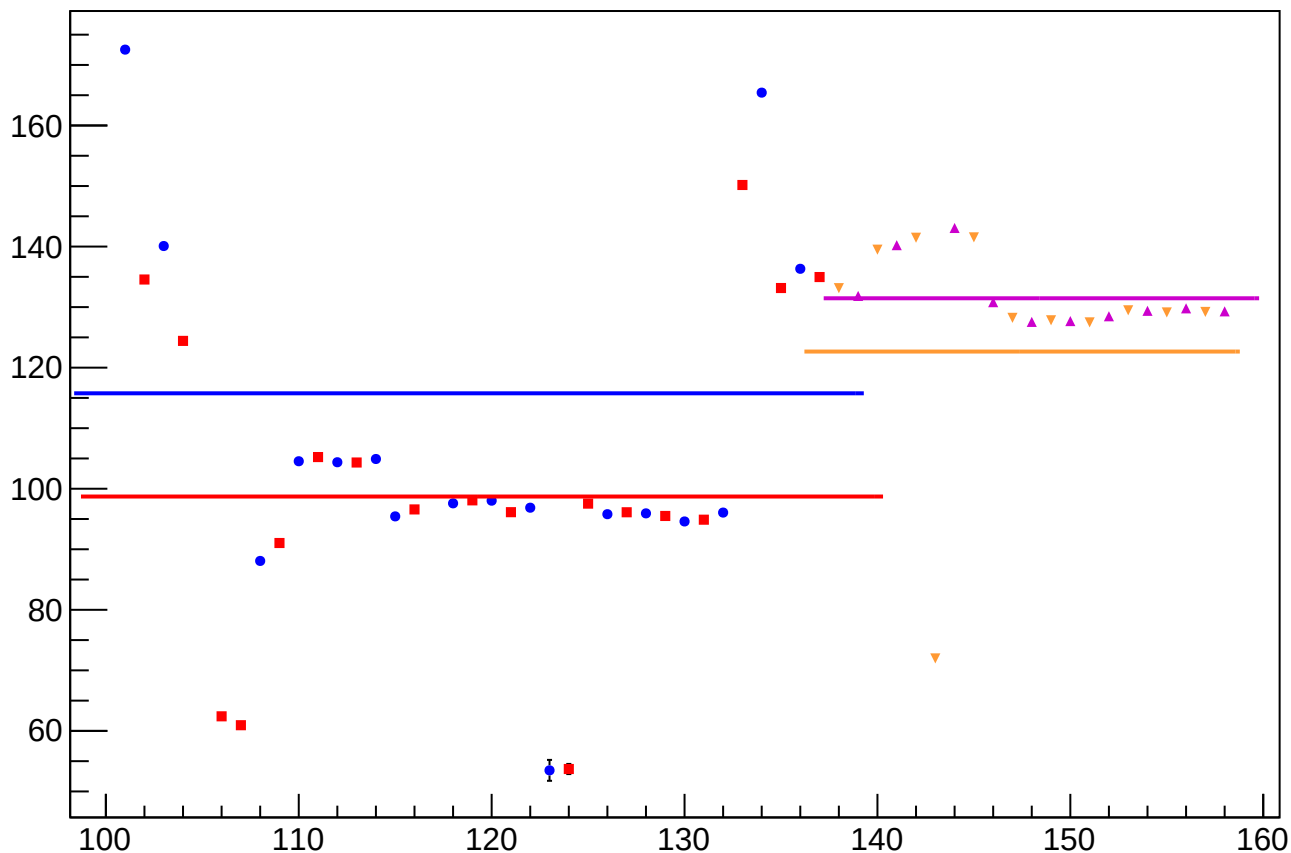
Right: -89.402 ± 0.913 $\chi^2/\text{NDF}: 1476.8/34$

In: -81.265 ± 0.888 $\chi^2/\text{NDF}: 1034.9/26$

Out: -73.999 ± 0.839 $\chi^2/\text{NDF}: 1269.1/28$

All: -77.426 ± 0.610 $\chi^2/\text{NDF}: 2339.4/55$

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: 122.659 $\pm$ 0.057 χ^2 /NDF:159725.2/10

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: 126.984 $\pm$ 0.040 χ^2 /NDF: 178818.7/20

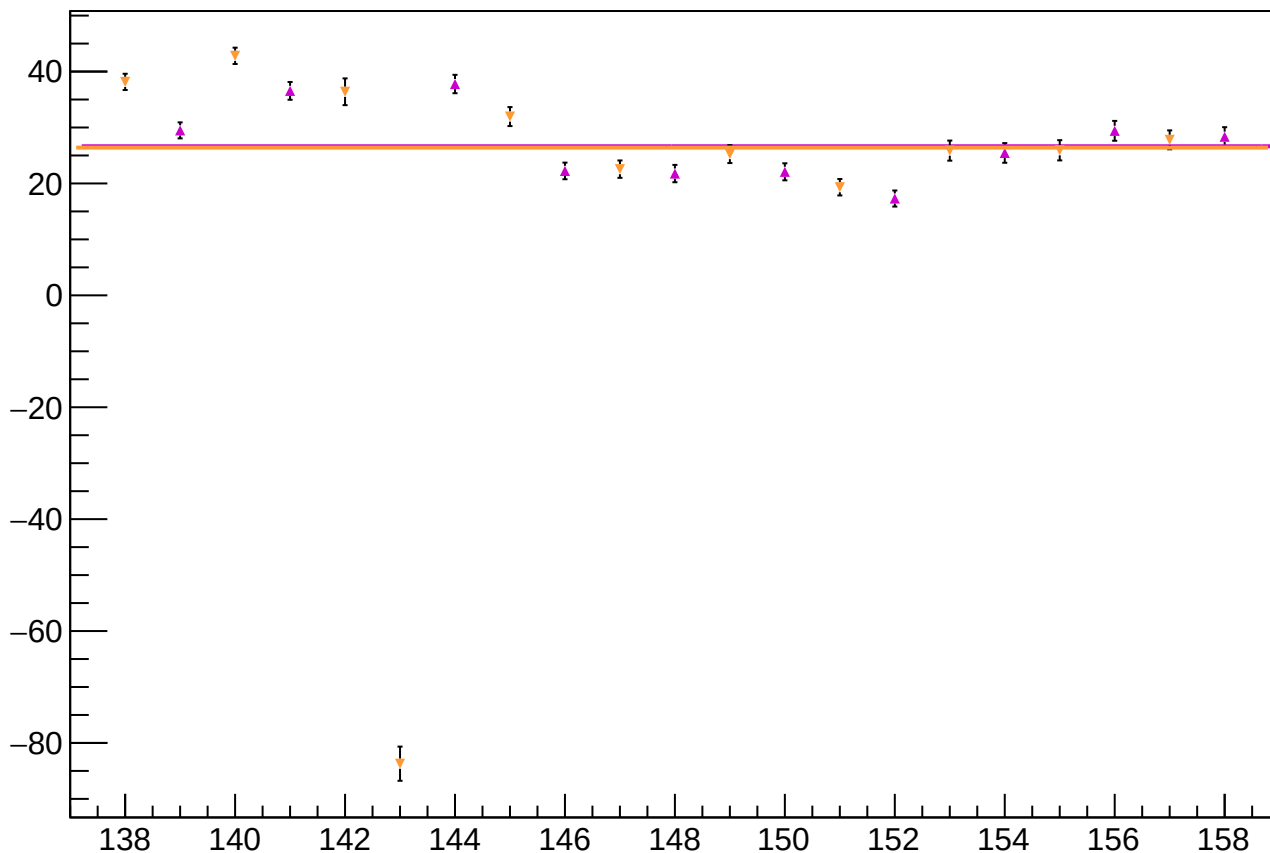
Right: 106.153 $\pm$ 0.052 χ^2 /NDF: 303349.7/34

In: 125.914 $\pm$ 0.046 χ^2 /NDF:139701.2/26

Out: 112.950 $\pm$ 0.044 χ^2 /NDF:402123.8/28

All: 119.050 $\pm$ 0.032 χ^2 /NDF: 583131.3/55

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.642+/-0.498 χ^2/NDF :162.6/9

Left: 26.528+/-0.357 χ^2/NDF : 1712.0/20

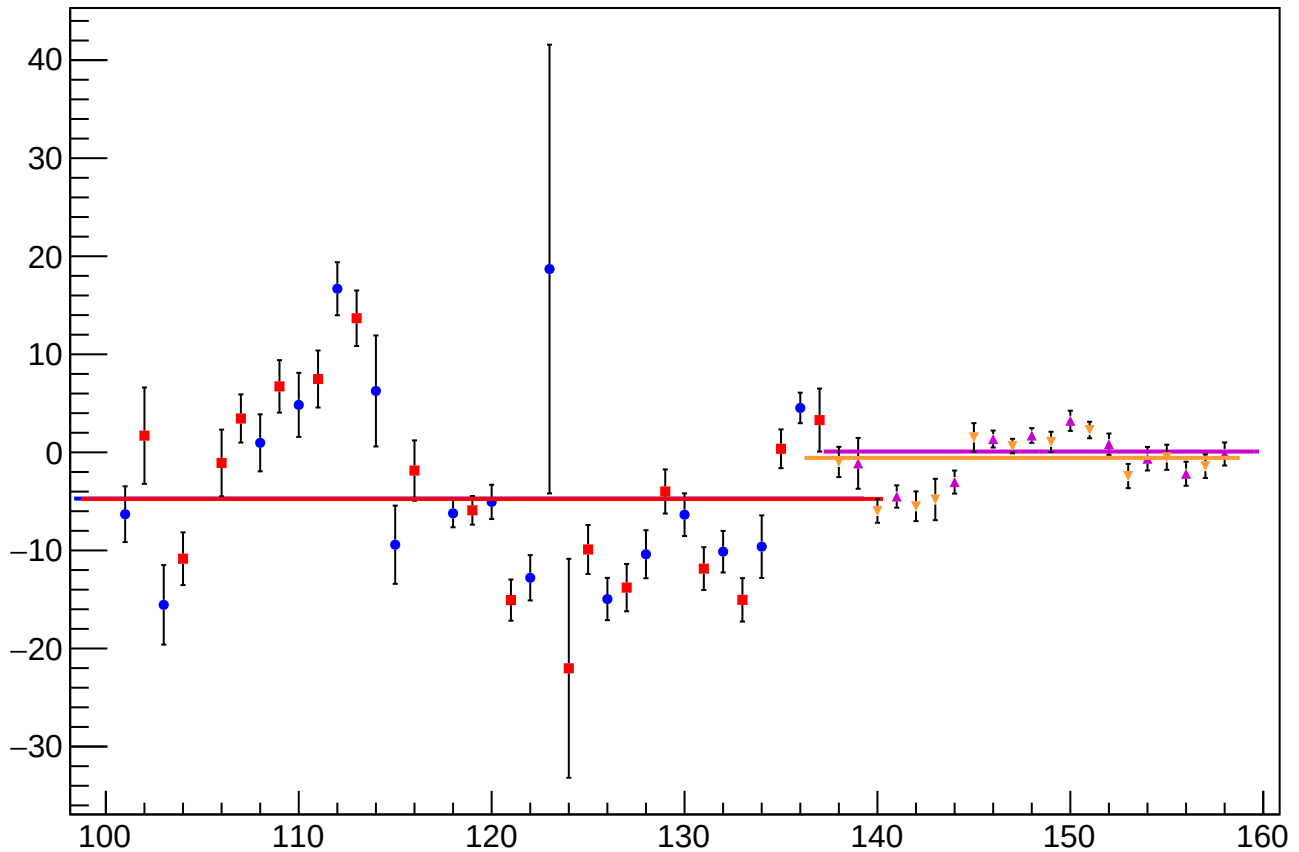
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 26.642+/-0.498 χ^2/NDF :162.6/9

Out: 26.407+/-0.513 χ^2/NDF :1549.3/10

All: 26.528+/-0.357 χ^2/NDF : 1712.0/20

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.713 ± 0.581 χ^2/NDF : 174.7/16

Left Out: -0.561 ± 0.345 χ^2/NDF : 56.4/10

Right Out: -4.745 ± 0.585 χ^2/NDF : 189.3/17

Left In: 0.084 ± 0.341 χ^2/NDF : 43.9/9

Left: -0.234 ± 0.243 χ^2/NDF : 102.1/20

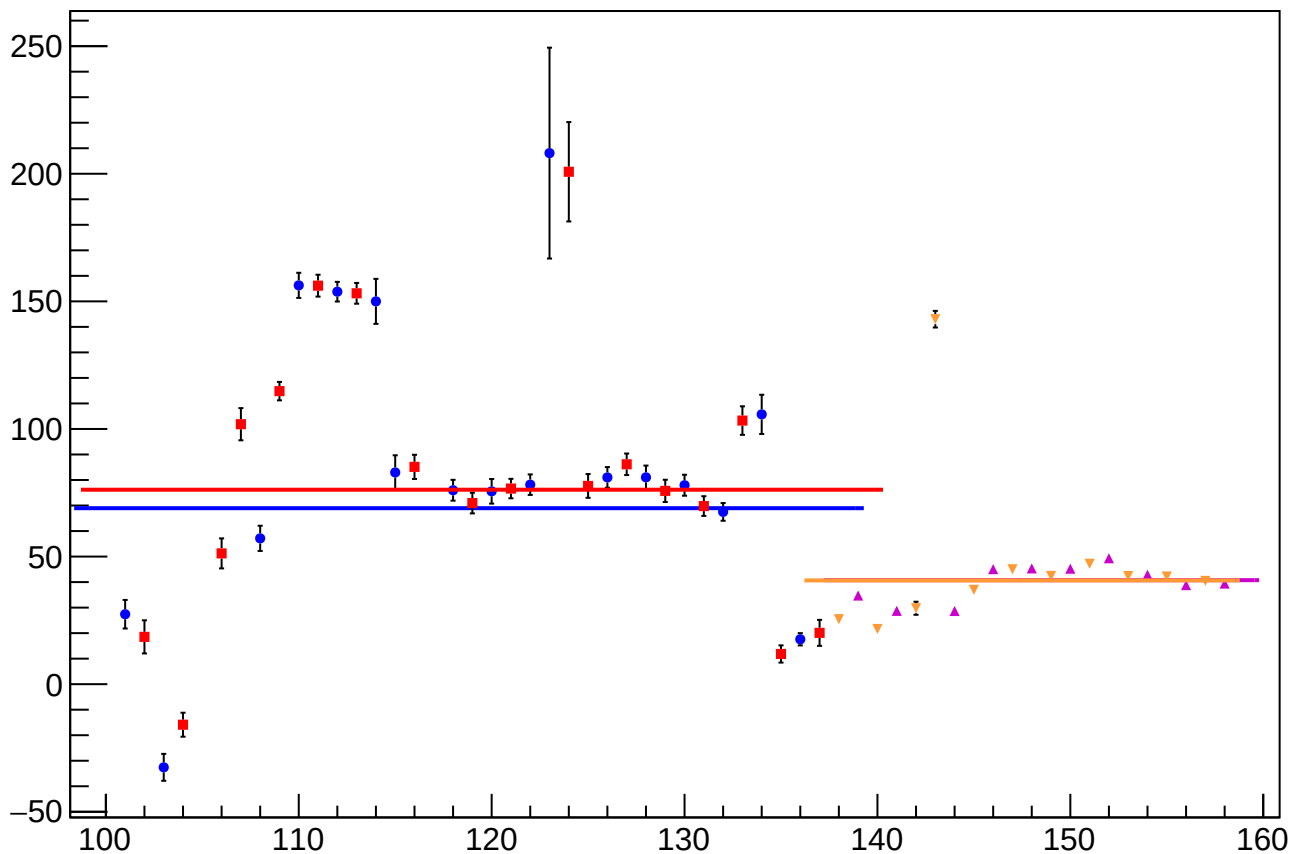
Right: -4.729 ± 0.412 χ^2/NDF : 364.0/34

In: -1.144 ± 0.294 χ^2/NDF : 269.4/26

Out: -1.640 ± 0.297 χ^2/NDF : 283.6/28

All: -1.390 ± 0.209 χ^2/NDF : 554.4/55

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 68.960+/-1.079 χ^2/NDF : 1844.0/16

Left Out: 40.659+/-0.504 χ^2/NDF :1285.8/10

Right Out: 76.199+/-1.071 χ^2/NDF : 1881.0/17

Left In: 40.753+/-0.486 χ^2/NDF :185.1/9

Left: 40.708+/-0.350 χ^2/NDF : 1470.9/20

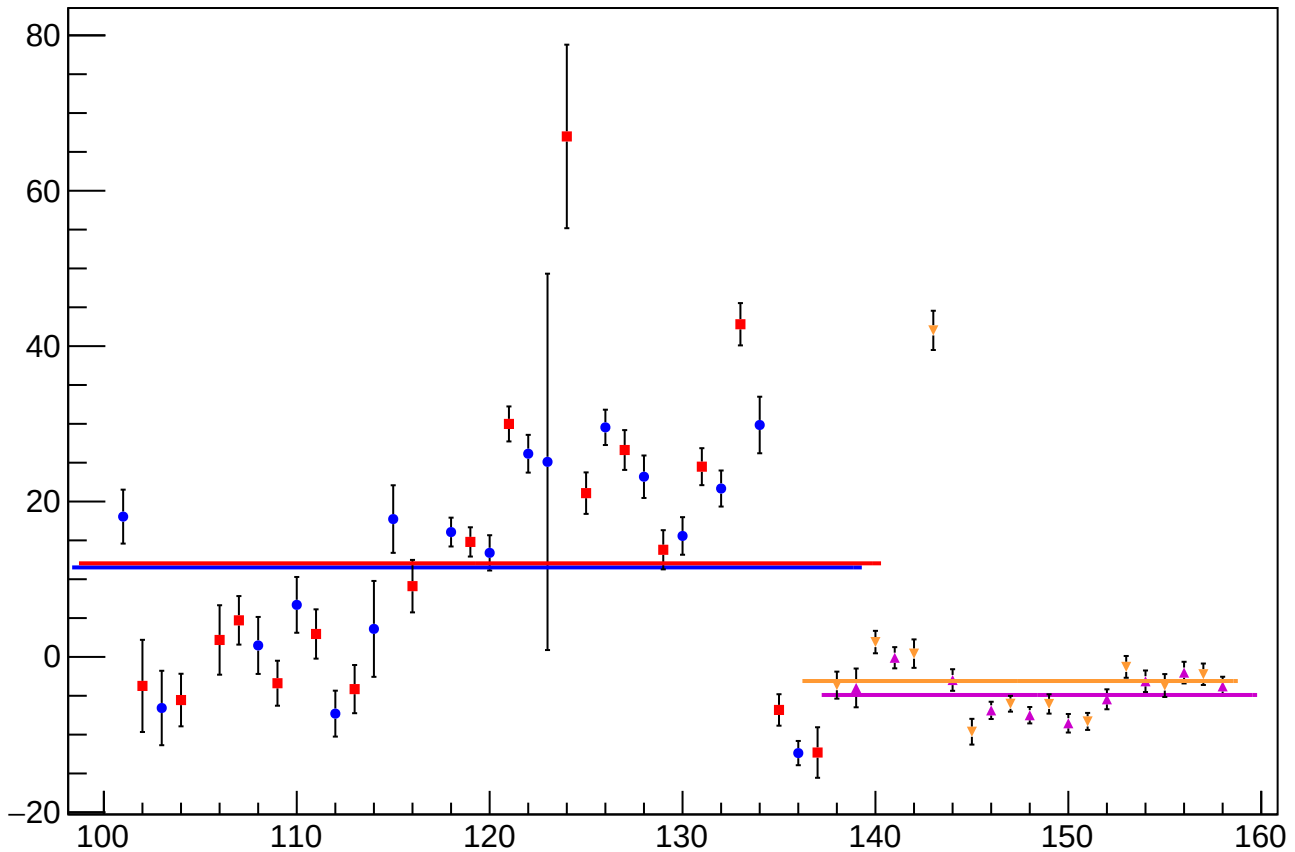
Right: 72.606+/-0.760 χ^2/NDF : 3747.6/34

In: 45.514+/-0.443 χ^2/NDF :2597.3/26

Out: 47.108+/-0.456 χ^2/NDF :4068.1/28

All: 46.288+/-0.318 χ^2/NDF : 6671.7/55

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: -3.101 ± 0.424 $\chi^2/\text{NDF}: 389.5/10$

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: -4.026 ± 0.295 $\chi^2/\text{NDF}: 438.6/20$

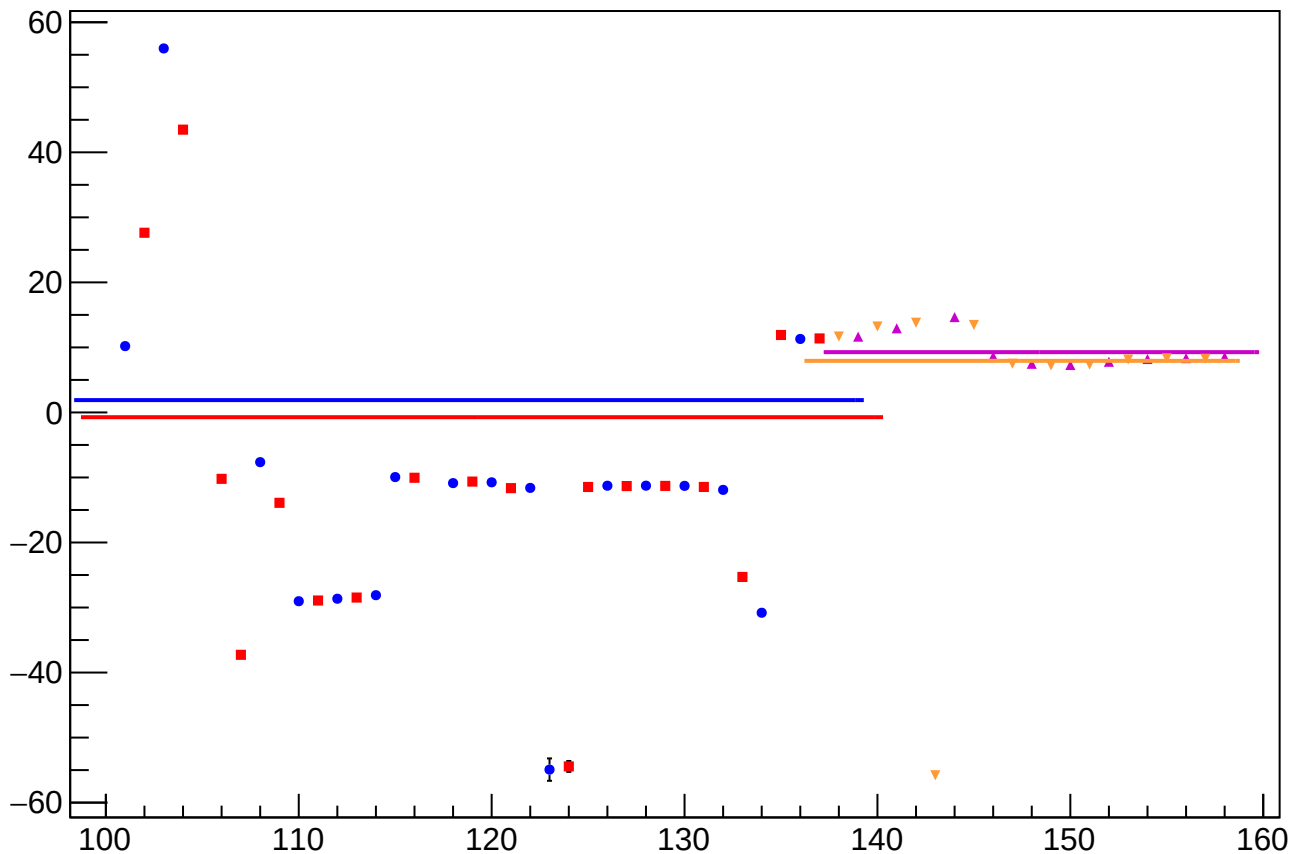
Right: 11.782 ± 0.468 $\chi^2/\text{NDF}: 1016.2/34$

In: -0.308 ± 0.349 $\chi^2/\text{NDF}: 963.2/26$

Out: 1.275 ± 0.357 $\chi^2/\text{NDF}: 1297.7/28$

All: 0.465 ± 0.250 $\chi^2/\text{NDF}: 2270.9/55$

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.896 ± 0.037 $\chi^2/\text{NDF}: 358855.7/16$

Left Out: 7.935 ± 0.020 $\chi^2/\text{NDF}: 256317.2/10$

Right Out: -0.733 ± 0.037 $\chi^2/\text{NDF}: 359934.4/17$

Left In: 9.271 ± 0.019 $\chi^2/\text{NDF}: 13243.6/9$

Left: 8.636 ± 0.014 $\chi^2/\text{NDF}: 271911.4/20$

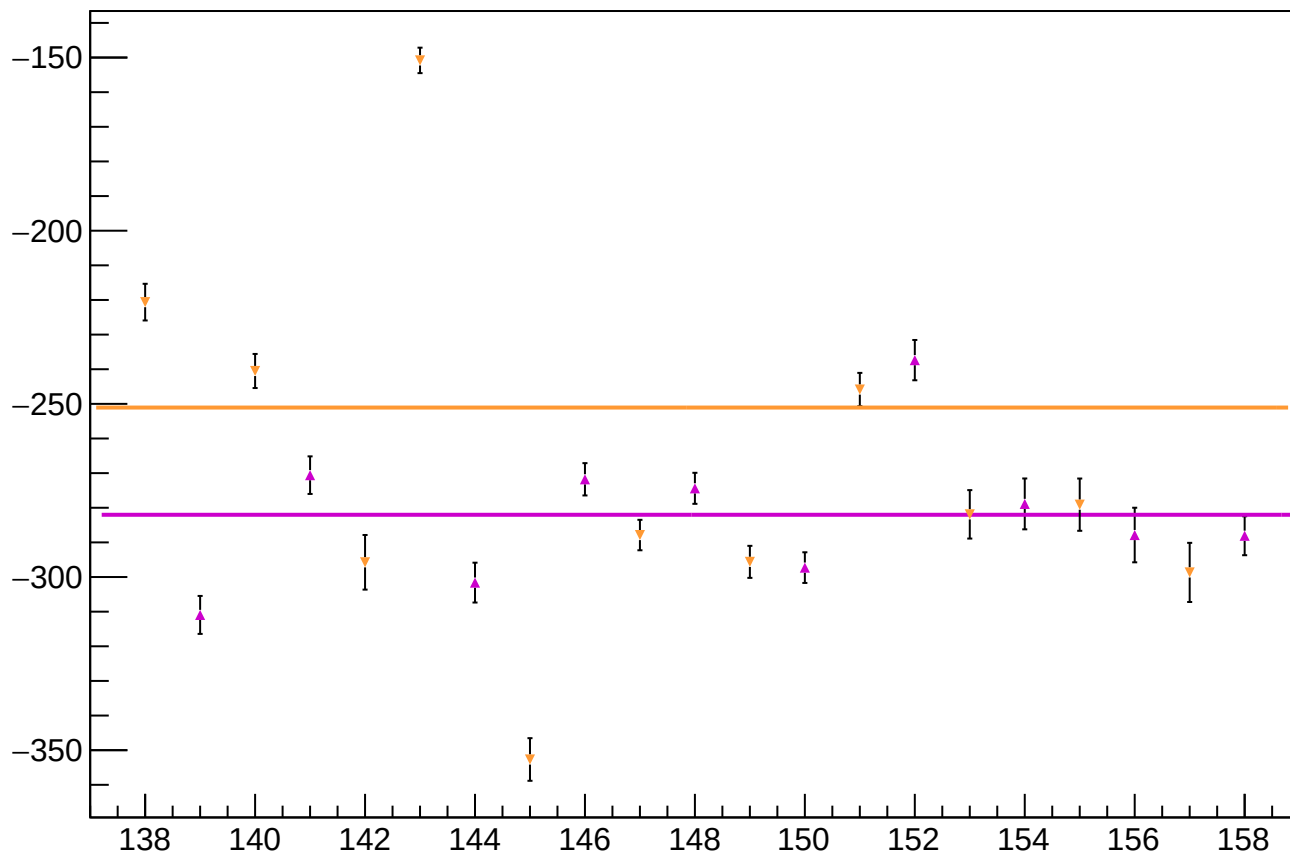
Right: 0.584 ± 0.026 $\chi^2/\text{NDF}: 721303.3/34$

In: 7.735 ± 0.017 $\chi^2/\text{NDF}: 403484.2/26$

Out: 5.990 ± 0.018 $\chi^2/\text{NDF}: 658555.4/28$

All: 6.897 ± 0.012 $\chi^2/\text{NDF}: 1067162.1/55$

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: -251.064+/-1.608 χ^2/NDF :1314.3/10

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: -265.549+/-1.173 χ^2/NDF : 1612.2/20

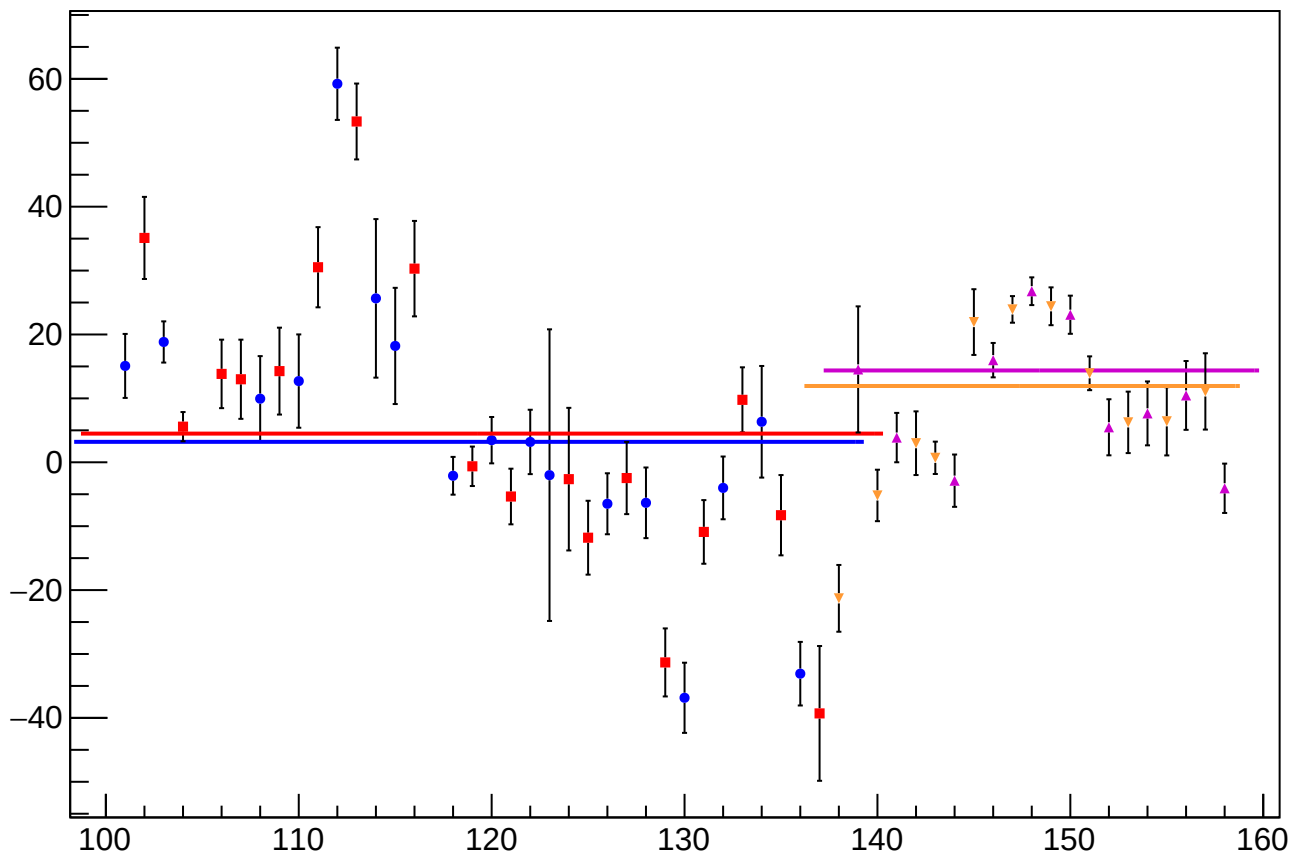
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -282.026+/-1.715 χ^2/NDF :124.3/9

Out: -251.064+/-1.608 χ^2/NDF :1314.3/10

All: -265.549+/-1.173 χ^2/NDF : 1612.2/20

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.200 ± 1.227 $\chi^2/\text{NDF}: 255.2/16$

Left Out: 11.938 ± 1.039 $\chi^2/\text{NDF}: 139.2/10$

Right Out: 4.489 ± 1.159 $\chi^2/\text{NDF}: 221.8/17$

Left In: 14.370 ± 1.123 $\chi^2/\text{NDF}: 95.9/9$

Left: 13.060 ± 0.763 $\chi^2/\text{NDF}: 237.7/20$

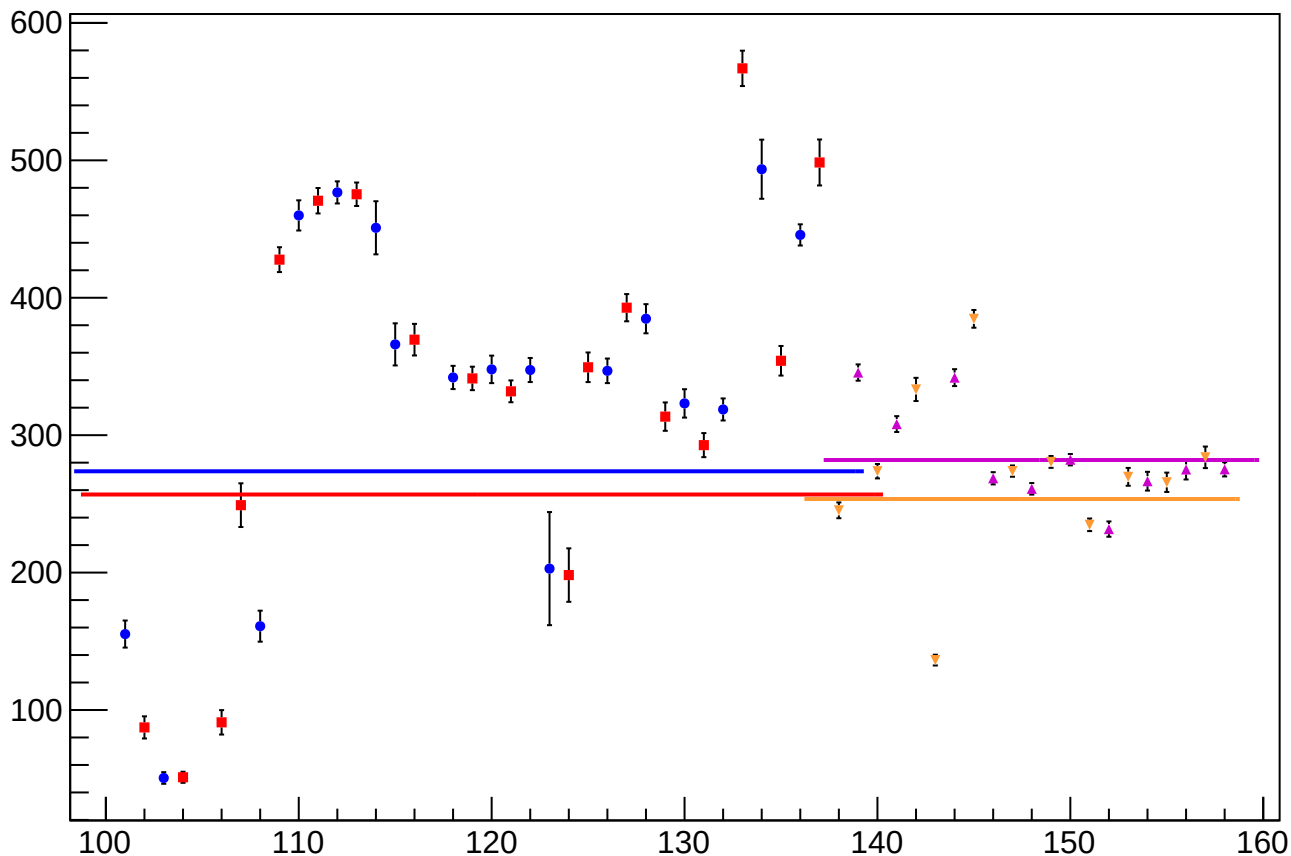
Right: 3.881 ± 0.843 $\chi^2/\text{NDF}: 477.5/34$

In: 9.280 ± 0.828 $\chi^2/\text{NDF}: 396.2/26$

Out: 8.618 ± 0.773 $\chi^2/\text{NDF}: 383.9/28$

All: 8.926 ± 0.565 $\chi^2/\text{NDF}: 780.4/55$

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: 253.543 $\pm$ 1.600 χ^2 /NDF:1517.0/10

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: 267.154 $\pm$ 1.154 χ^2 /NDF: 2021.2/20

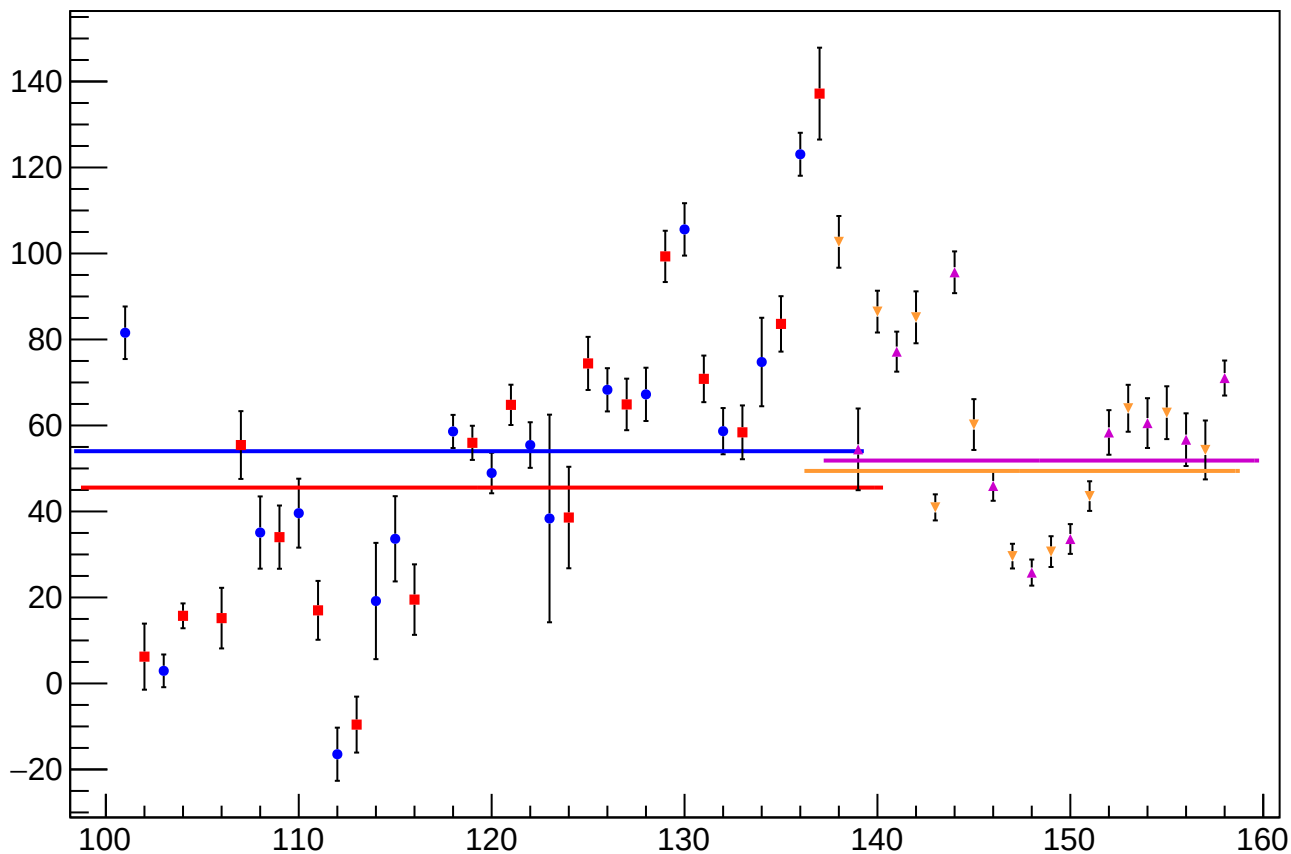
Right: 264.834 $\pm$ 1.511 χ^2 /NDF: 11546.2/34

In: 278.920 $\pm$ 1.327 χ^2 /NDF:5465.6/26

Out: 254.761 $\pm$ 1.269 χ^2 /NDF:7930.3/28

All: 266.299 $\pm$ 0.917 χ^2 /NDF: 13568.9/55

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: 49.426 $\pm$ 1.291 χ^2 /NDF:273.2/10

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: 50.558 $\pm$ 0.941 χ^2 /NDF: 516.7/20

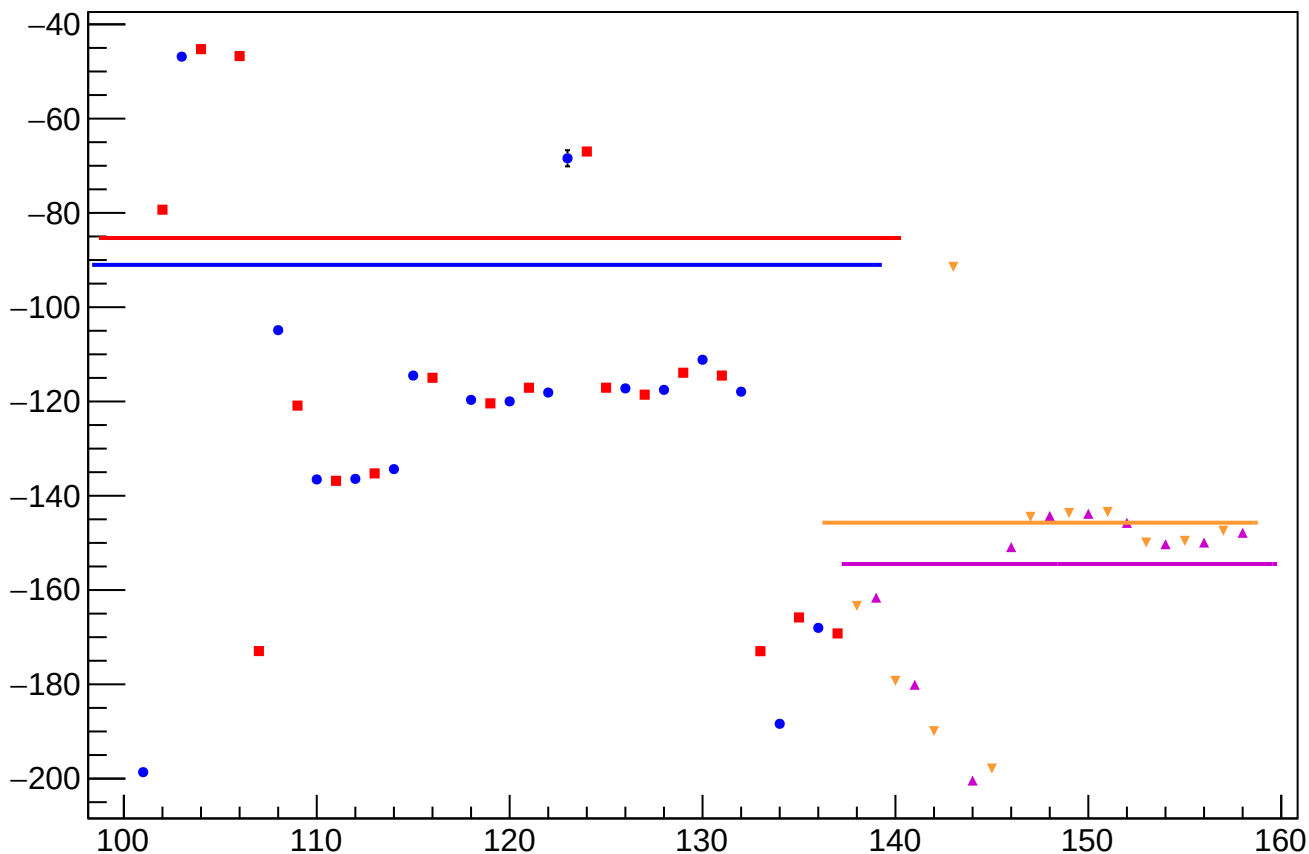
Right: 49.587 $\pm$ 0.983 χ^2 /NDF: 1178.0/34

In: 52.890 $\pm$ 0.989 χ^2 /NDF:876.0/26

Out: 47.587 $\pm$ 0.936 χ^2 /NDF:804.1/28

All: 50.093 $\pm$ 0.680 χ^2 /NDF: 1695.2/55

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -91.021 ± 0.068 $\chi^2/\text{NDF}: 534258.1/16$

Left Out: -145.713 ± 0.066 $\chi^2/\text{NDF}: 205312.0/10$

Right Out: -85.325 ± 0.065 $\chi^2/\text{NDF}: 483106.3/17$

Left In: -154.481 ± 0.067 $\chi^2/\text{NDF}: 52885.1/9$

Left: -150.031 ± 0.047 $\chi^2/\text{NDF}: 266989.2/20$

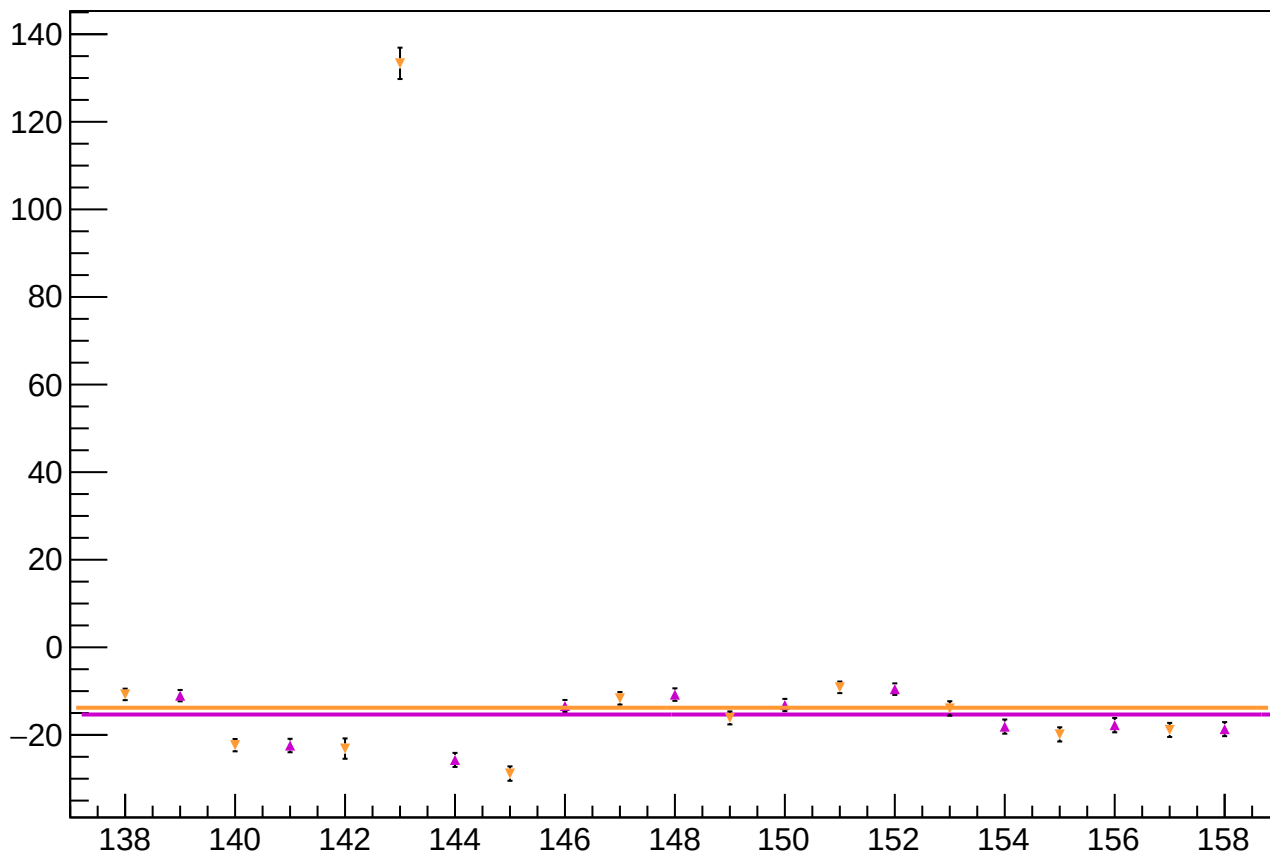
Right: -88.069 ± 0.047 $\chi^2/\text{NDF}: 1021045.4/34$

In: -123.205 ± 0.047 $\chi^2/\text{NDF}: 1034326.6/26$

Out: -115.303 ± 0.046 $\chi^2/\text{NDF}: 1114764.5/28$

All: -119.153 ± 0.033 $\chi^2/\text{NDF}: 2163317.8/55$

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: -13.792 $\pm$ 0.479 χ^2 /NDF:1870.6/10

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -15.344 $\pm$ 0.464 χ^2 /NDF:117.0/9

Left: -14.593 $\pm$ 0.333 χ^2 /NDF: 1993.0/20

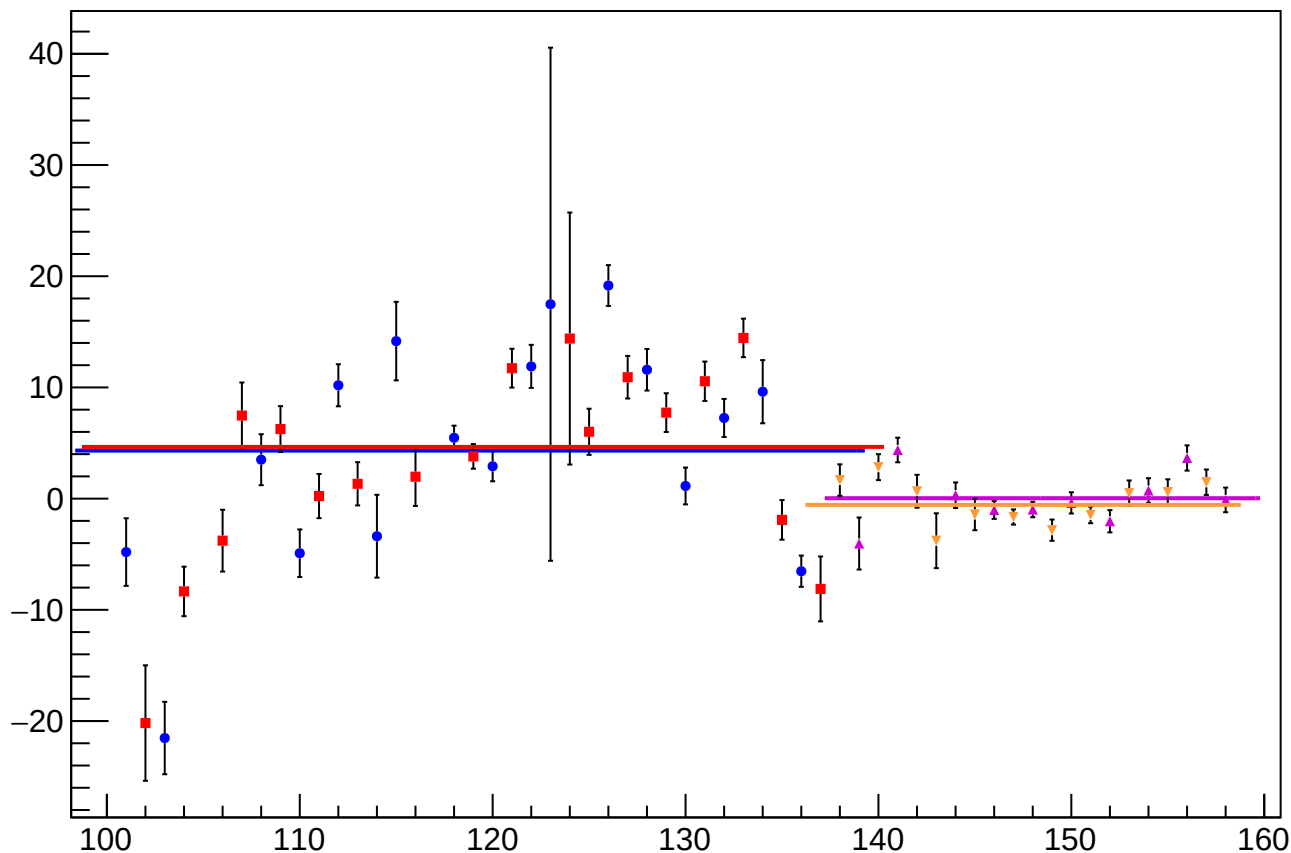
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

In: -15.344 $\pm$ 0.464 χ^2 /NDF:117.0/9

Out: -13.792 $\pm$ 0.479 χ^2 /NDF:1870.6/10

All: -14.593 $\pm$ 0.333 χ^2 /NDF: 1993.0/20

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: -0.560 ± 0.322 $\chi^2/\text{NDF}: 28.4/10$

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: -0.258 ± 0.226 $\chi^2/\text{NDF}: 67.5/20$

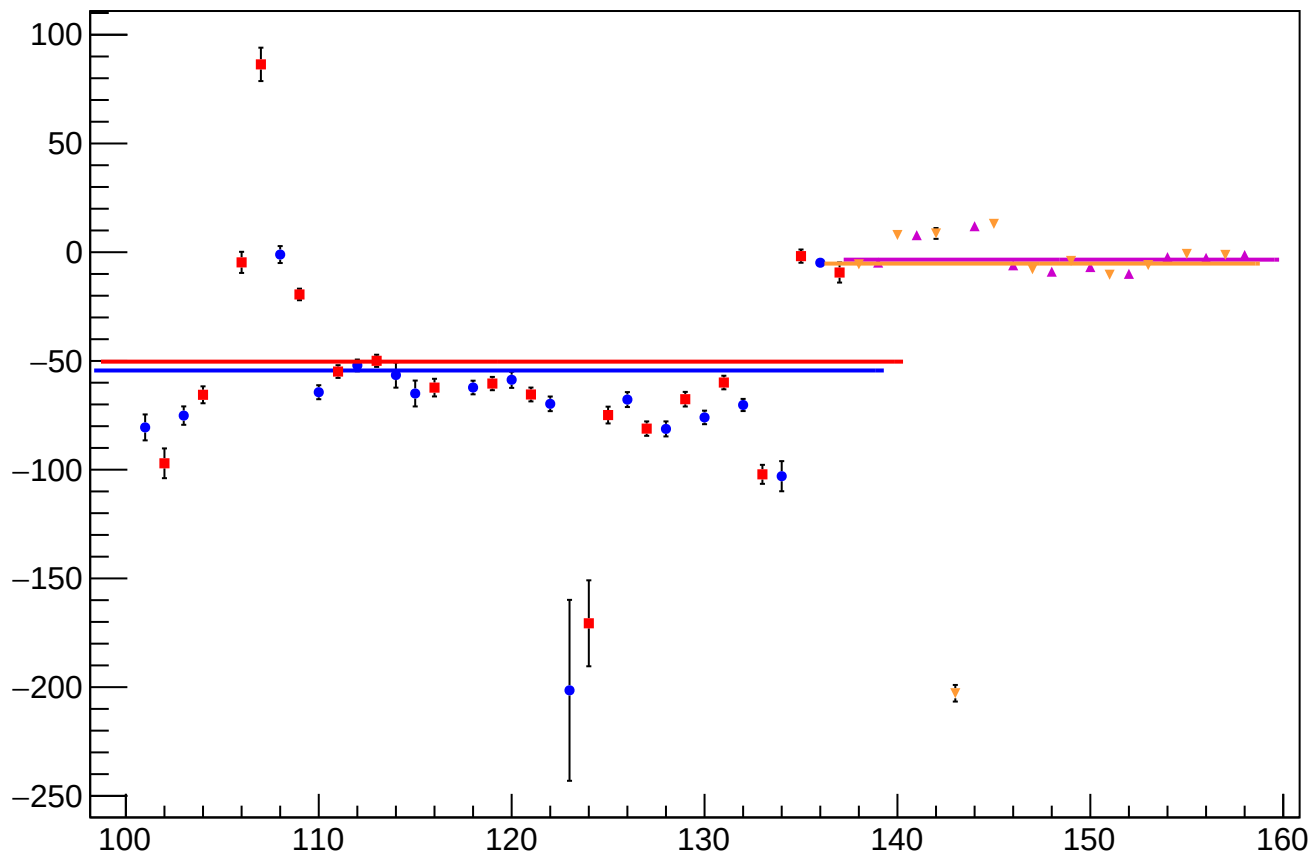
Right: 4.484 ± 0.332 $\chi^2/\text{NDF}: 465.0/34$

In: 1.401 ± 0.263 $\chi^2/\text{NDF}: 375.5/26$

Out: 1.083 ± 0.266 $\chi^2/\text{NDF}: 295.6/28$

All: 1.244 ± 0.187 $\chi^2/\text{NDF}: 671.8/55$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -54.387 ± 0.864 $\chi^2/\text{NDF}: 1014.0/16$

Left Out: -5.231 ± 0.470 $\chi^2/\text{NDF}: 2933.7/10$

Right Out: -50.316 ± 0.858 $\chi^2/\text{NDF}: 1319.3/17$

Left In: -3.426 ± 0.452 $\chi^2/\text{NDF}: 185.3/9$

Left: -4.293 ± 0.326 $\chi^2/\text{NDF}: 3126.6/20$

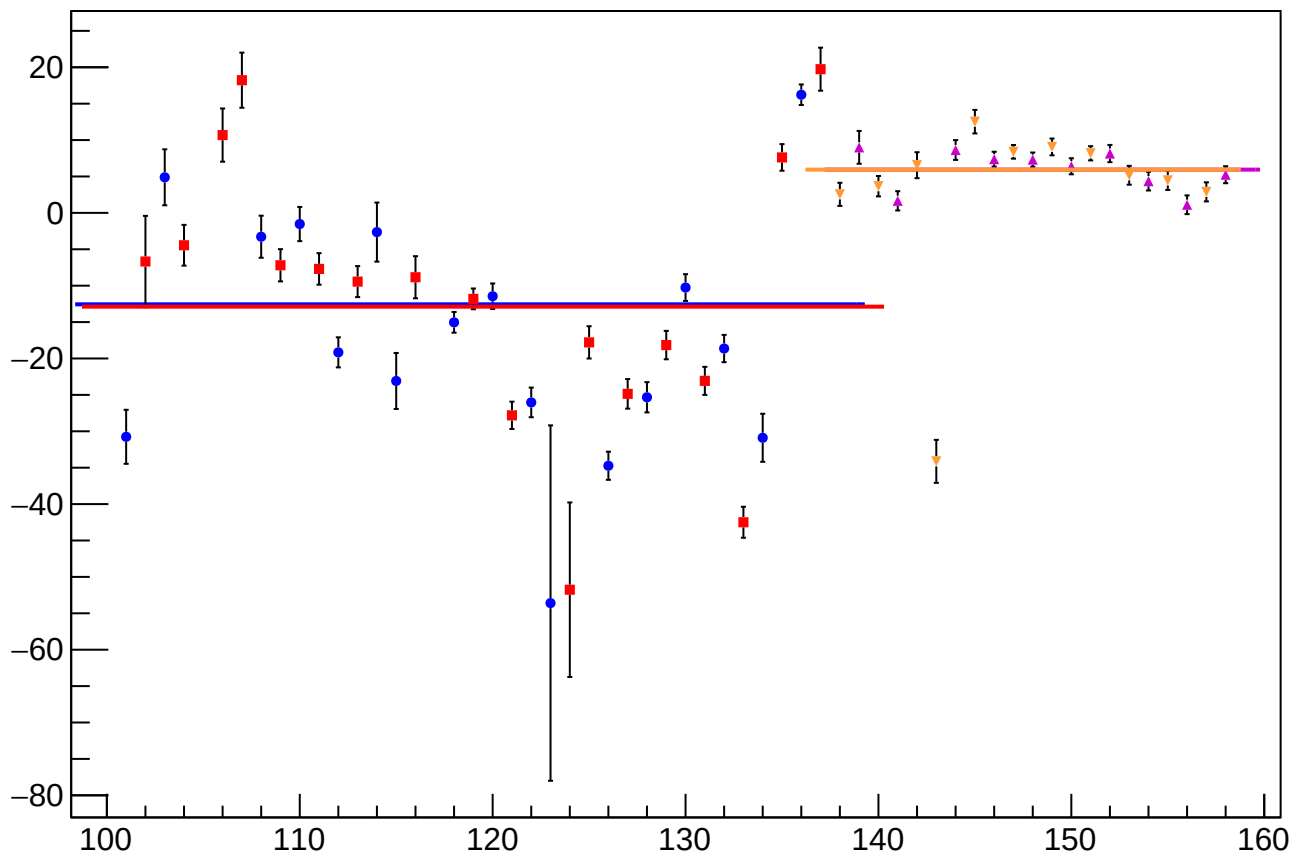
Right: -52.337 ± 0.609 $\chi^2/\text{NDF}: 2344.4/34$

In: -14.384 ± 0.401 $\chi^2/\text{NDF}: 3927.2/26$

Out: -15.641 ± 0.412 $\chi^2/\text{NDF}: 6375.1/28$

All: -14.995 ± 0.287 $\chi^2/\text{NDF}: 10307.0/55$

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: 5.943 ± 0.395 χ^2/NDF : 234.1/10

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: 5.943 ± 0.275 χ^2/NDF : 273.8/20

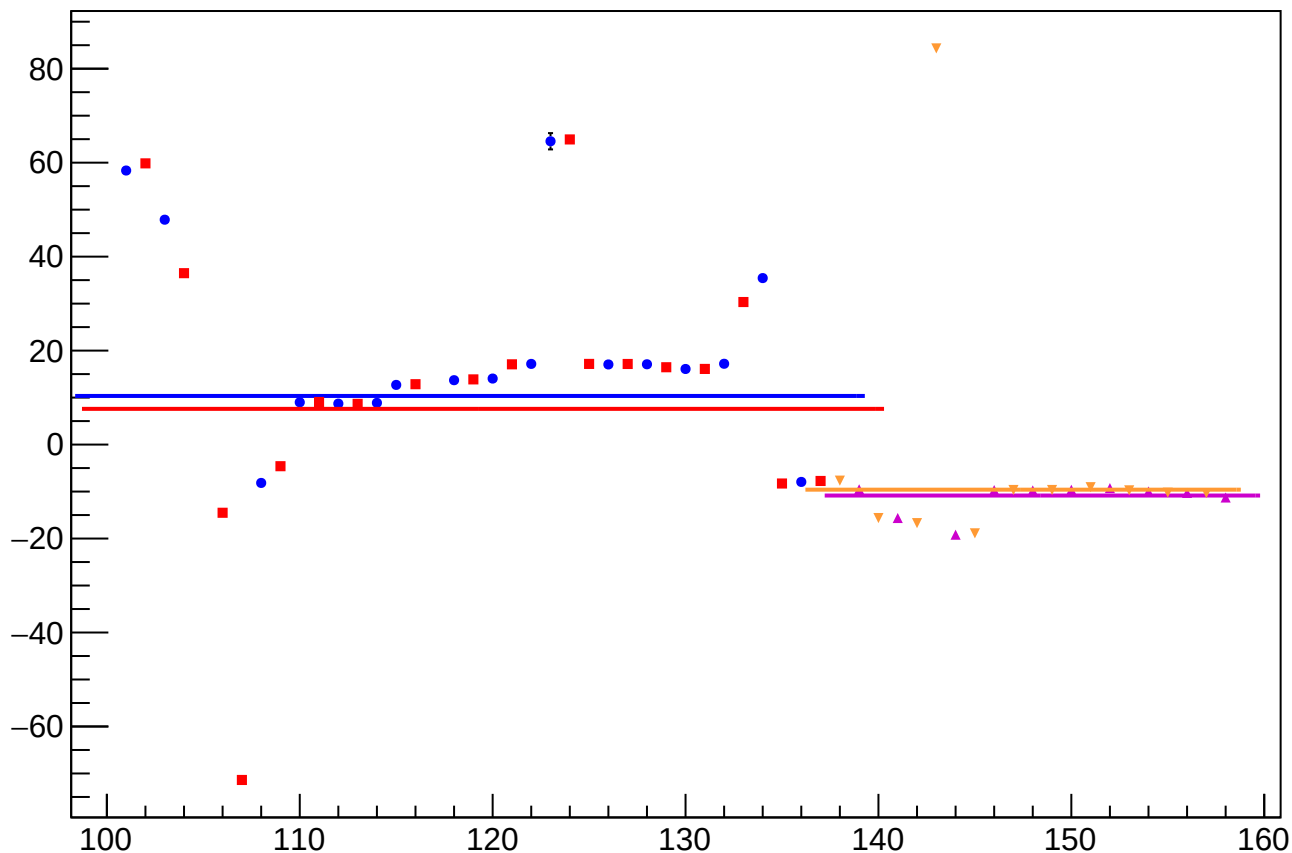
Right: -12.719 ± 0.378 χ^2/NDF : 1506.3/34

In: -0.397 ± 0.311 χ^2/NDF : 1616.1/26

Out: -0.648 ± 0.318 χ^2/NDF : 1755.5/28

All: -0.519 ± 0.223 χ^2/NDF : 3371.9/55

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: -9.598+/-0.019 χ^2/NDF :407629.0/10

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: -10.254+/-0.013 χ^2/NDF : 430889.4/20

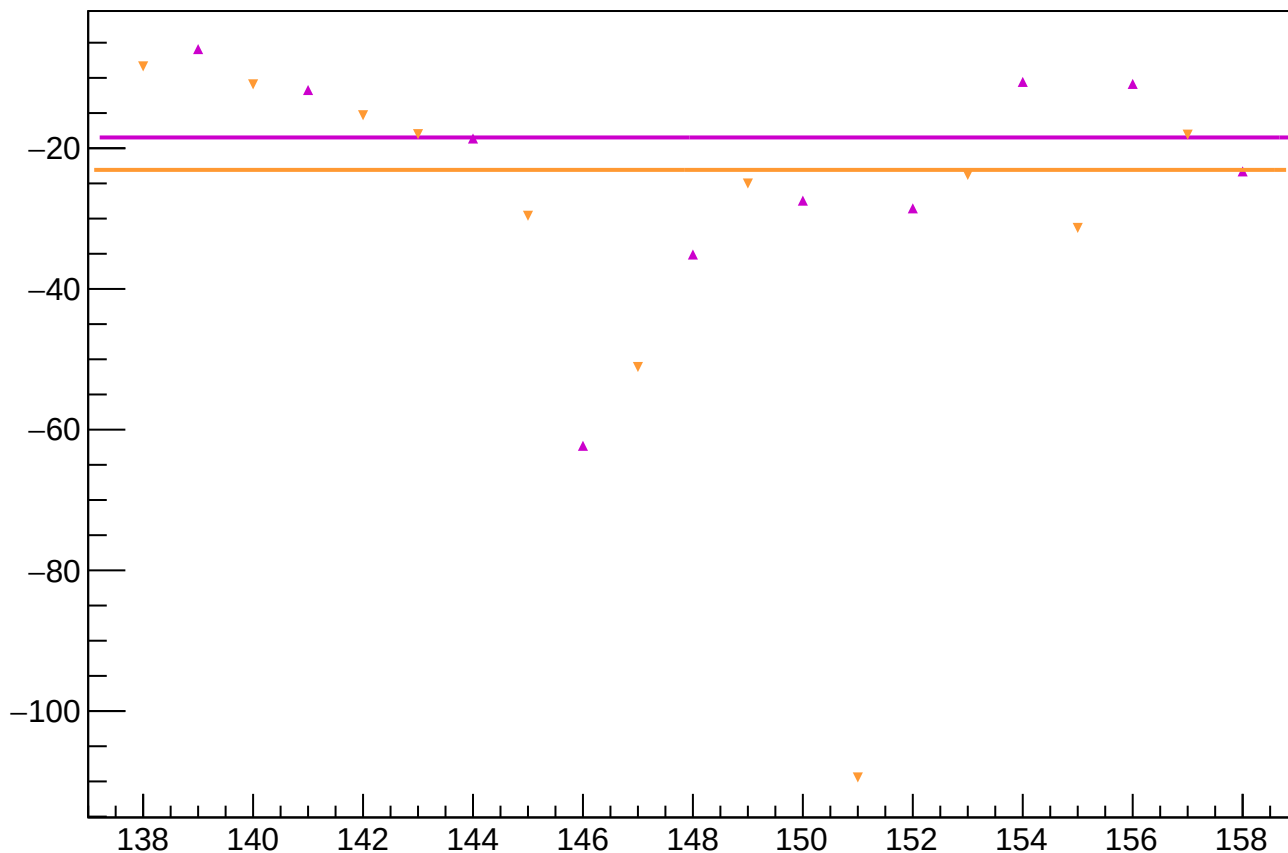
Right: 9.008+/-0.022 χ^2/NDF : 923283.8/34

In: -5.545+/-0.015 χ^2/NDF :762032.4/26

Out: -5.106+/-0.016 χ^2/NDF :1169292.6/28

All: -5.335+/-0.011 χ^2/NDF : 1931718.4/55

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: -23.077+/-0.081 χ^2/NDF : 50345.2/10

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: -20.384+/-0.052 χ^2/NDF : 88775.7/20

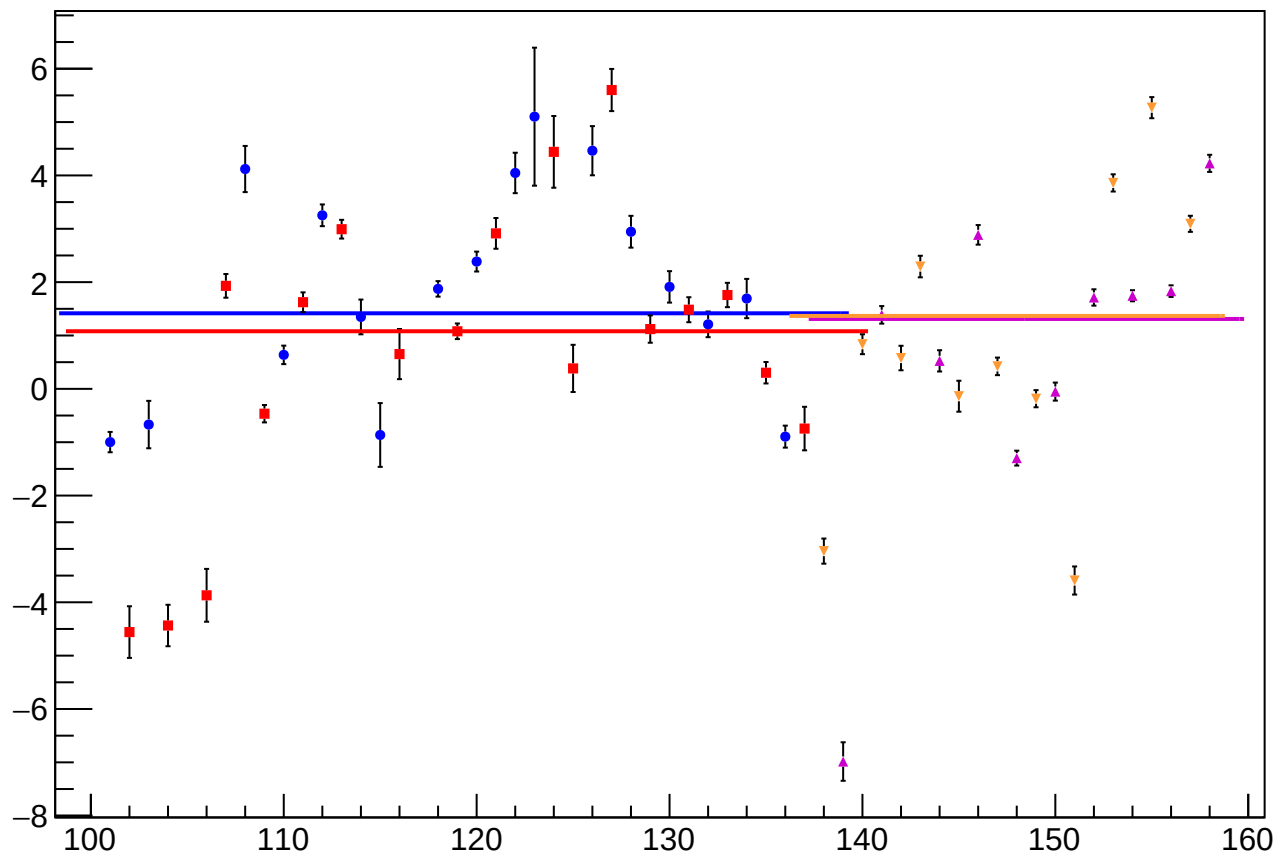
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.468+/-0.068 χ^2/NDF : 36519.0/9

Out: -23.077+/-0.081 χ^2/NDF : 50345.2/10

All: -20.384+/-0.052 χ^2/NDF : 88775.7/20

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: 1.367 ± 0.058 χ^2/NDF : 1659.2/10

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: 1.333 ± 0.037 χ^2/NDF : 3068.7/20

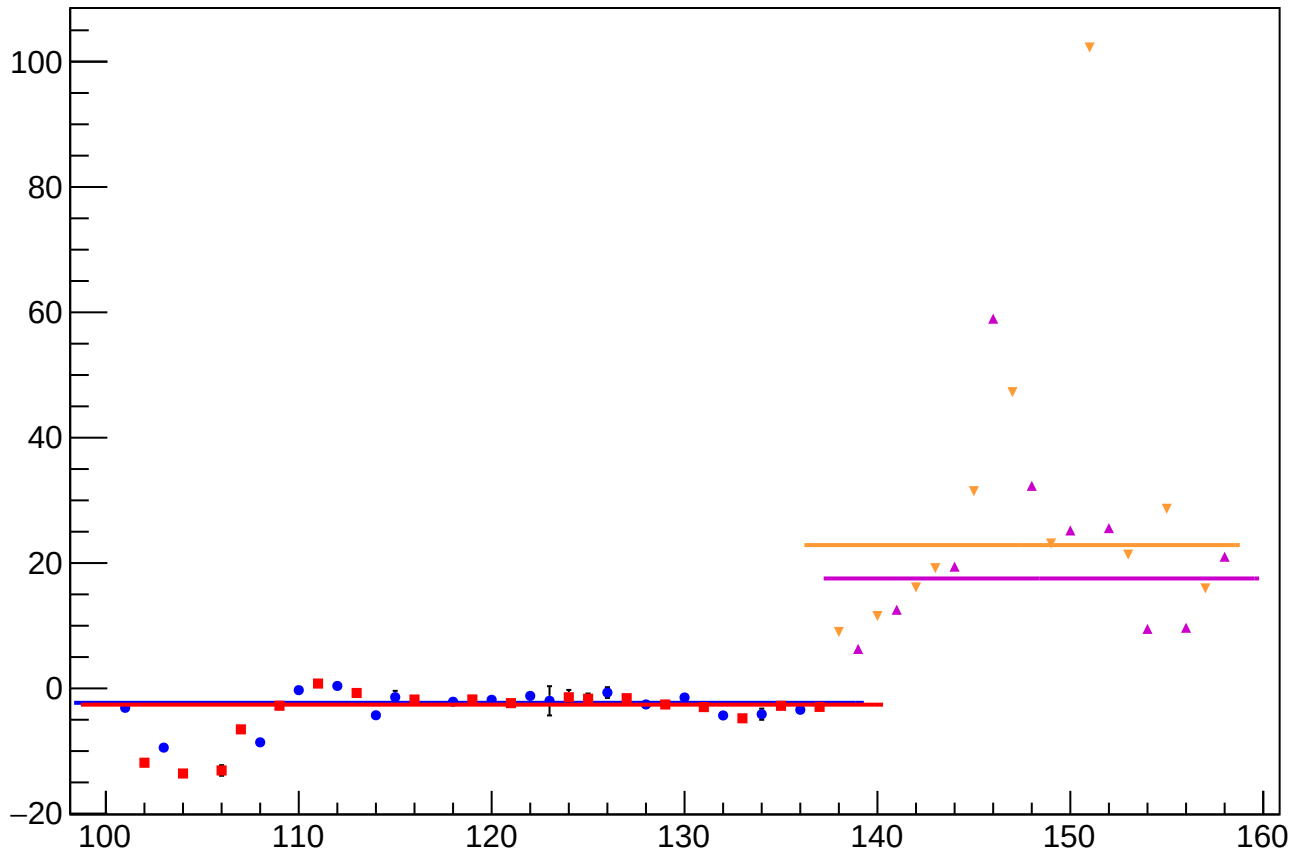
Right: 1.239 ± 0.042 χ^2/NDF : 1563.2/34

In: 1.350 ± 0.037 χ^2/NDF : 2042.0/26

Out: 1.225 ± 0.041 χ^2/NDF : 2587.6/28

All: 1.293 ± 0.028 χ^2/NDF : 4634.7/55

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.299 ± 0.111 χ^2/NDF : 440.0/16

Left Out: 22.867 ± 0.080 χ^2/NDF : 45454.7/10

Right Out: -2.594 ± 0.099 χ^2/NDF : 889.6/17

Left In: 17.539 ± 0.065 χ^2/NDF : 34283.9/9

Left: 19.687 ± 0.051 χ^2/NDF : 82409.7/20

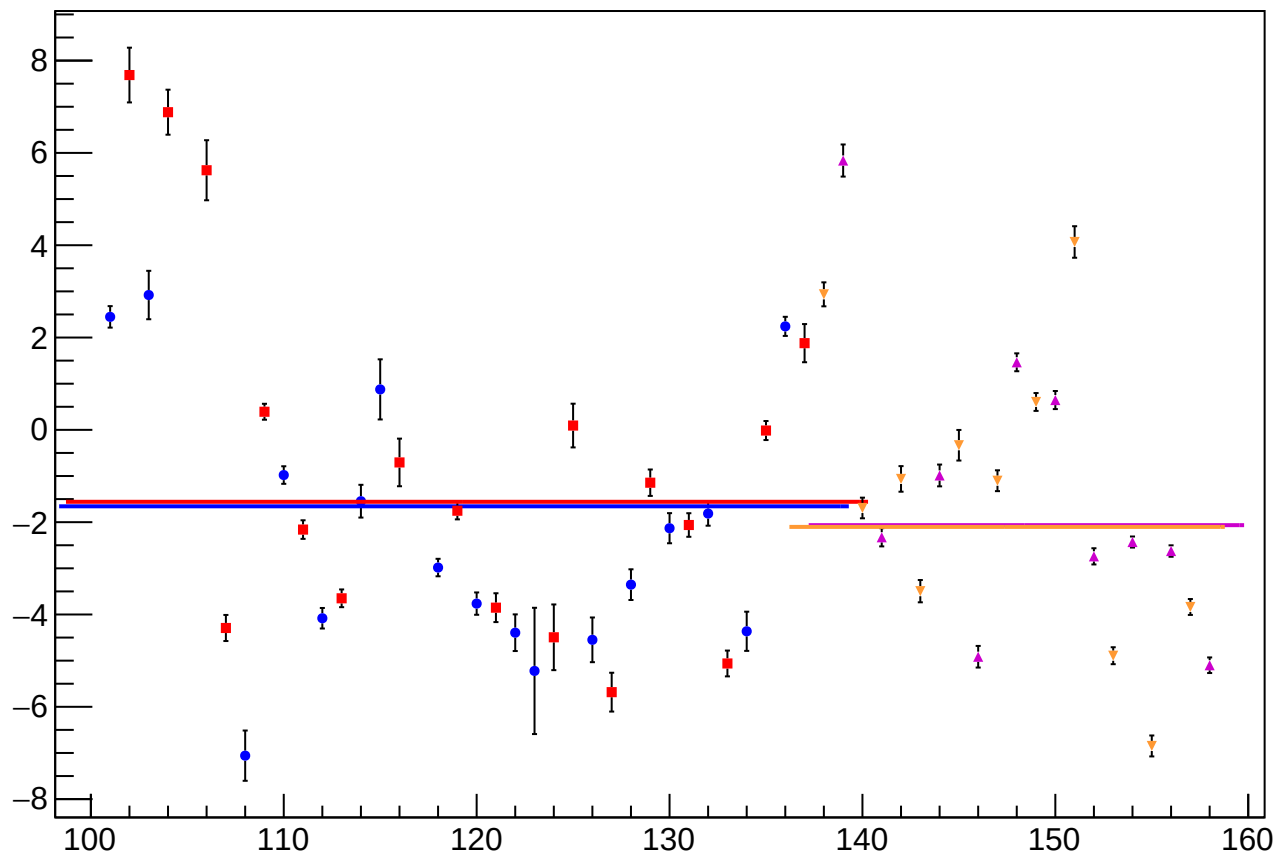
Right: -2.463 ± 0.074 χ^2/NDF : 1333.6/34

In: 12.410 ± 0.056 χ^2/NDF : 58477.3/26

Out: 12.898 ± 0.062 χ^2/NDF : 86370.2/28

All: 12.630 ± 0.042 χ^2/NDF : 144881.4/55

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: -2.102 ± 0.069 $\chi^2/\text{NDF}: 1767.2/10$

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: -2.080 ± 0.043 $\chi^2/\text{NDF}: 3344.1/20$

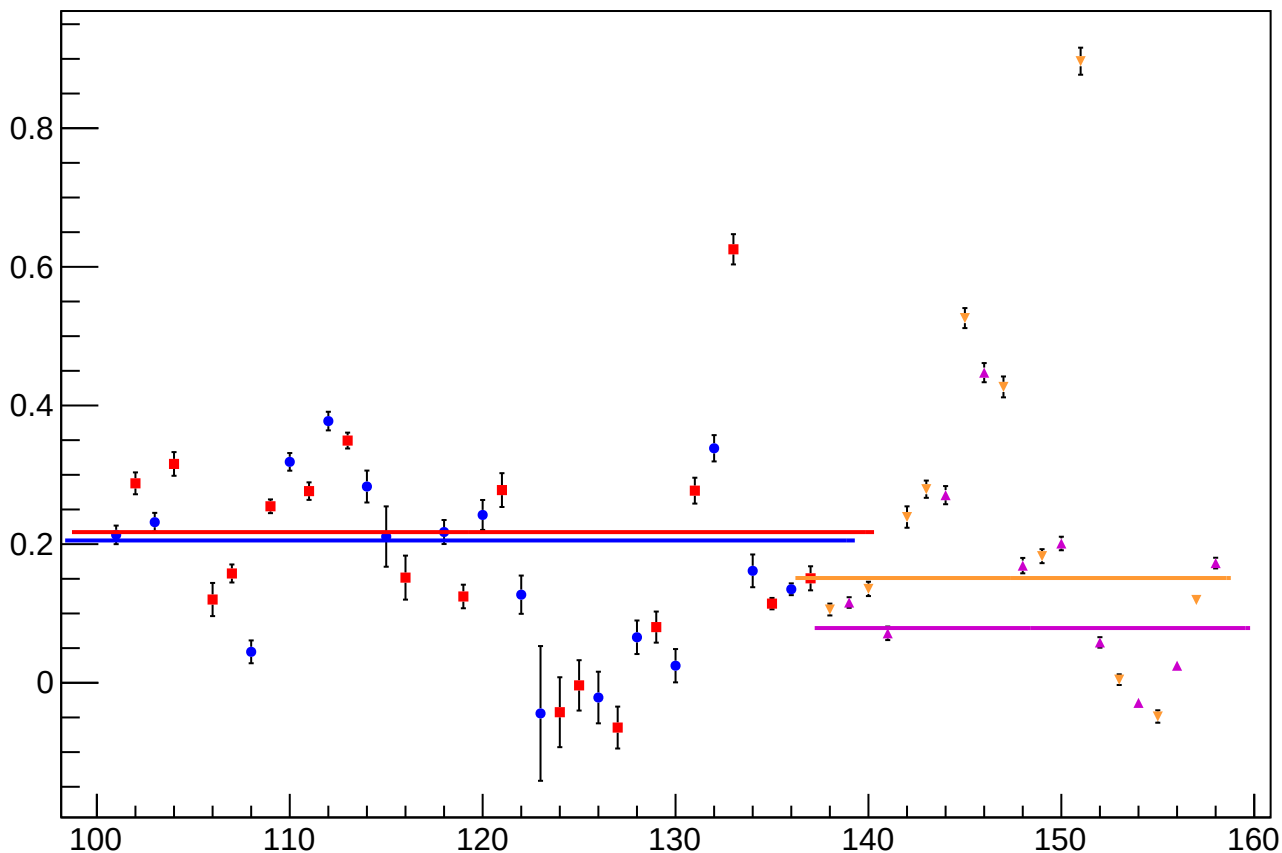
Right: -1.604 ± 0.048 $\chi^2/\text{NDF}: 2756.9/34$

In: -1.909 ± 0.044 $\chi^2/\text{NDF}: 2868.6/26$

Out: -1.818 ± 0.047 $\chi^2/\text{NDF}: 3284.7/28$

All: -1.867 ± 0.032 $\chi^2/\text{NDF}: 6155.2/55$

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205 $\pm$ 0.004 χ^2 /NDF: 620.5/16

Left Out: 0.151 $\pm$ 0.003 χ^2 /NDF:3527.8/10

Right Out: 0.217 $\pm$ 0.004 χ^2 /NDF: 1019.4/17

Left In: 0.079 $\pm$ 0.002 χ^2 /NDF:1933.4/9

Left: 0.106 $\pm$ 0.002 χ^2 /NDF: 5810.6/20

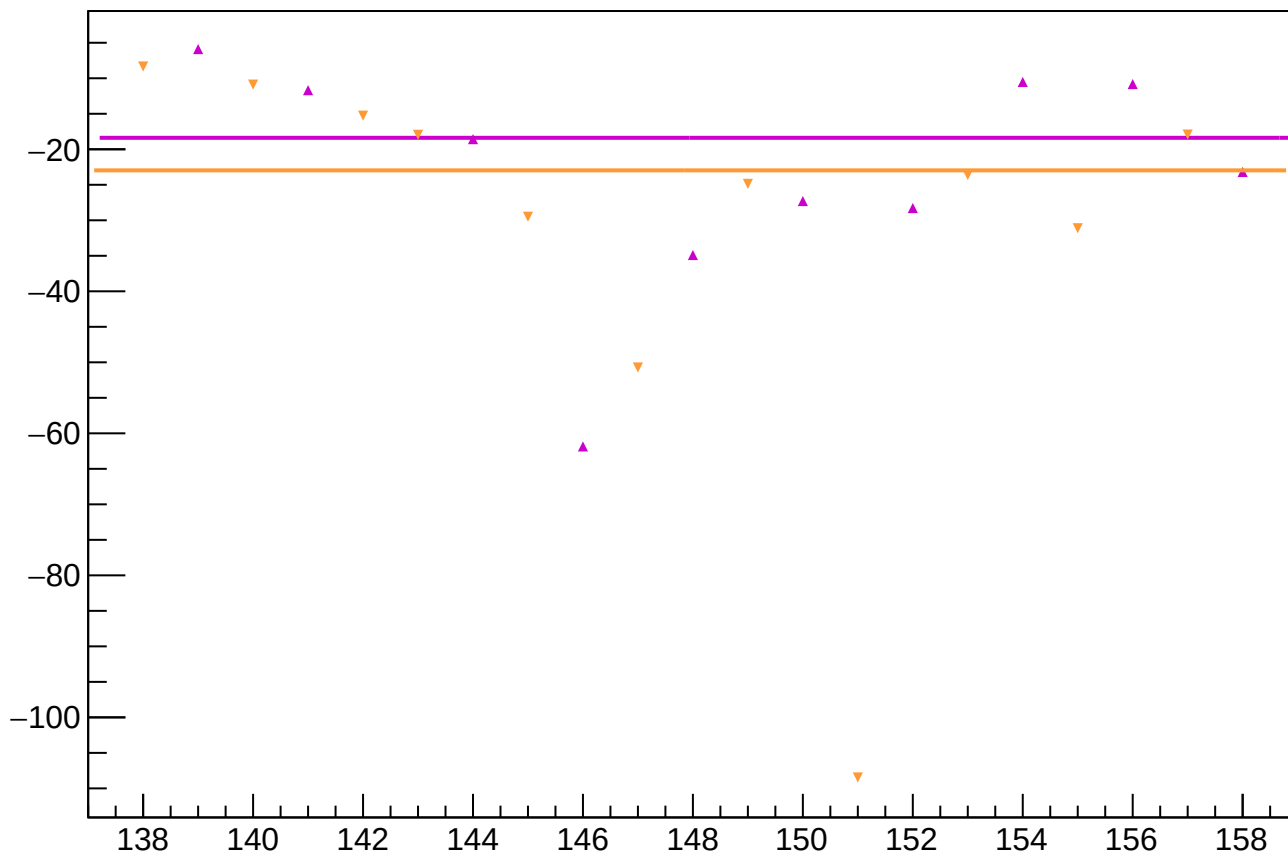
Right: 0.212 $\pm$ 0.003 χ^2 /NDF: 1644.6/34

In: 0.110 $\pm$ 0.002 χ^2 /NDF:3254.0/26

Out: 0.178 $\pm$ 0.002 χ^2 /NDF:4737.9/28

All: 0.140 $\pm$ 0.002 χ^2 /NDF: 8455.5/55

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: -22.969+/-0.080 χ^2/NDF :50235.2/10

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: -20.292+/-0.052 χ^2/NDF : 88594.2/20

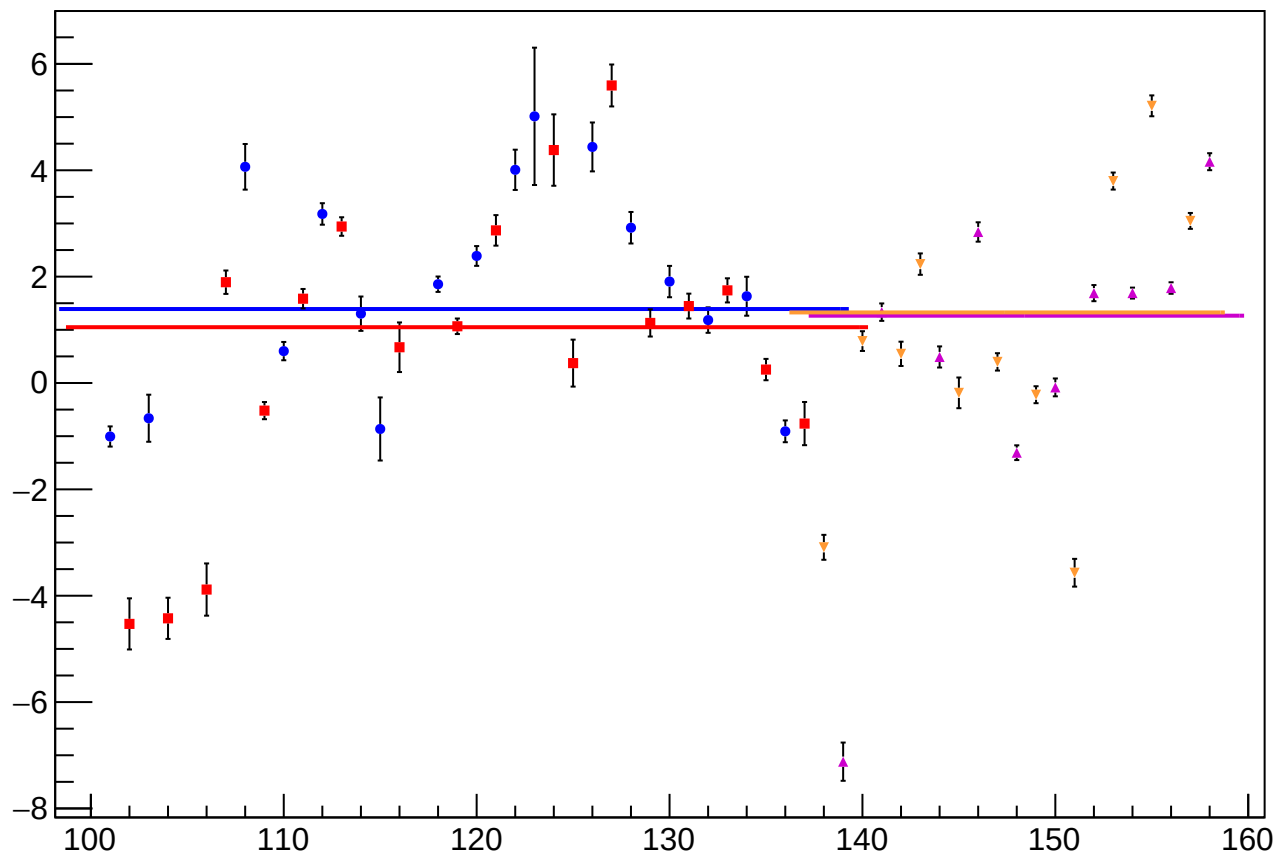
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.385+/-0.068 χ^2/NDF :36445.2/9

Out: -22.969+/-0.080 χ^2/NDF :50235.2/10

All: -20.292+/-0.052 χ^2/NDF : 88594.2/20

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: 1.327 ± 0.057 χ^2/NDF : 1663.8/10

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: 1.290 ± 0.036 χ^2/NDF : 3085.3/20

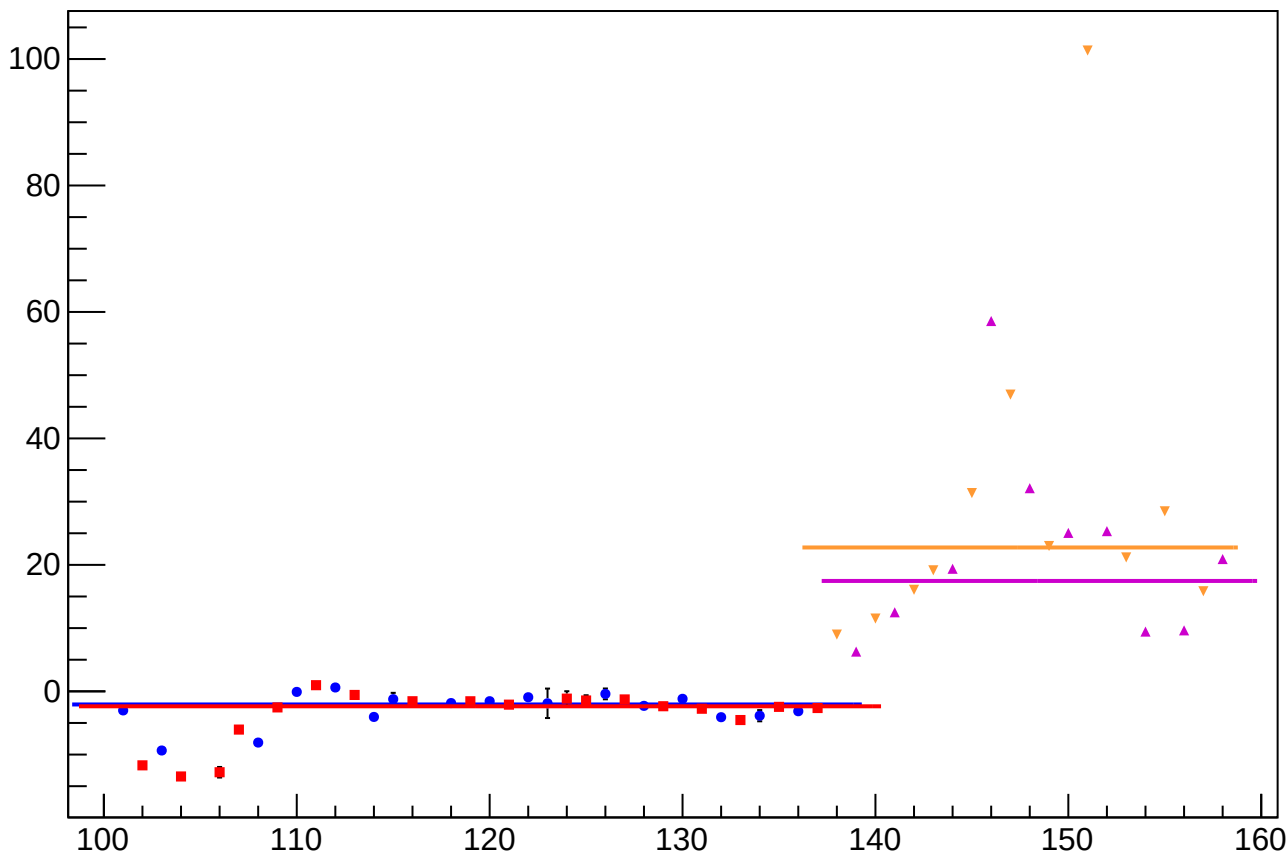
Right: 1.211 ± 0.042 χ^2/NDF : 1565.5/34

In: 1.312 ± 0.037 χ^2/NDF : 2052.6/26

Out: 1.189 ± 0.041 χ^2/NDF : 2595.2/28

All: 1.256 ± 0.027 χ^2/NDF : 4652.8/55

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.075 ± 0.110 $\chi^2/\text{NDF}: 442.3/16$

Left Out: 22.752 ± 0.079 $\chi^2/\text{NDF}: 45370.5/10$

Right Out: -2.366 ± 0.099 $\chi^2/\text{NDF}: 893.2/17$

Left In: 17.459 ± 0.065 $\chi^2/\text{NDF}: 34220.7/9$

Left: 19.594 ± 0.050 $\chi^2/\text{NDF}: 82261.4/20$

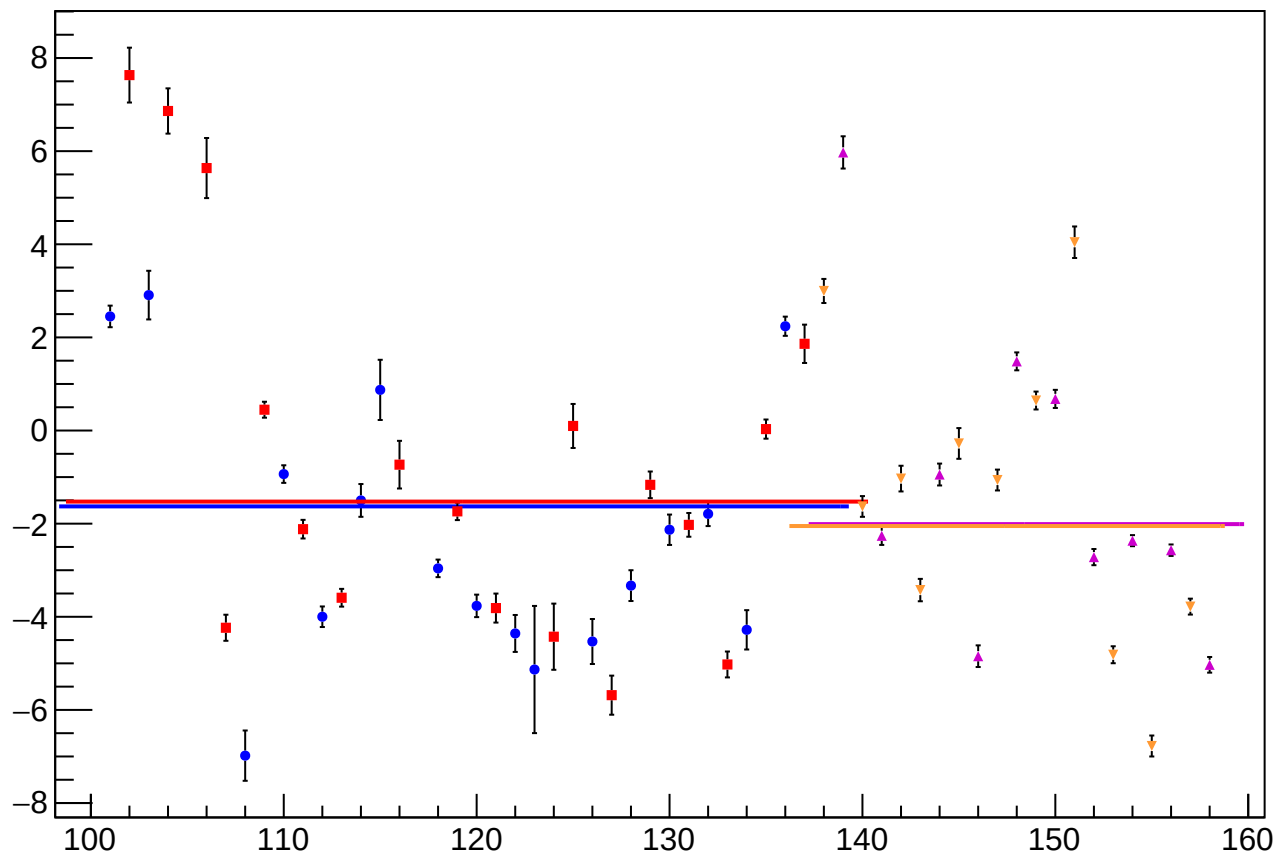
Right: -2.237 ± 0.074 $\chi^2/\text{NDF}: 1339.4/34$

In: 12.416 ± 0.056 $\chi^2/\text{NDF}: 57937.3/26$

Out: 12.929 ± 0.062 $\chi^2/\text{NDF}: 85668.8/28$

All: 12.648 ± 0.041 $\chi^2/\text{NDF}: 143644.0/55$

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: -2.051 ± 0.068 χ^2/NDF : 1772.9/10

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: -2.026 ± 0.043 χ^2/NDF : 3365.5/20

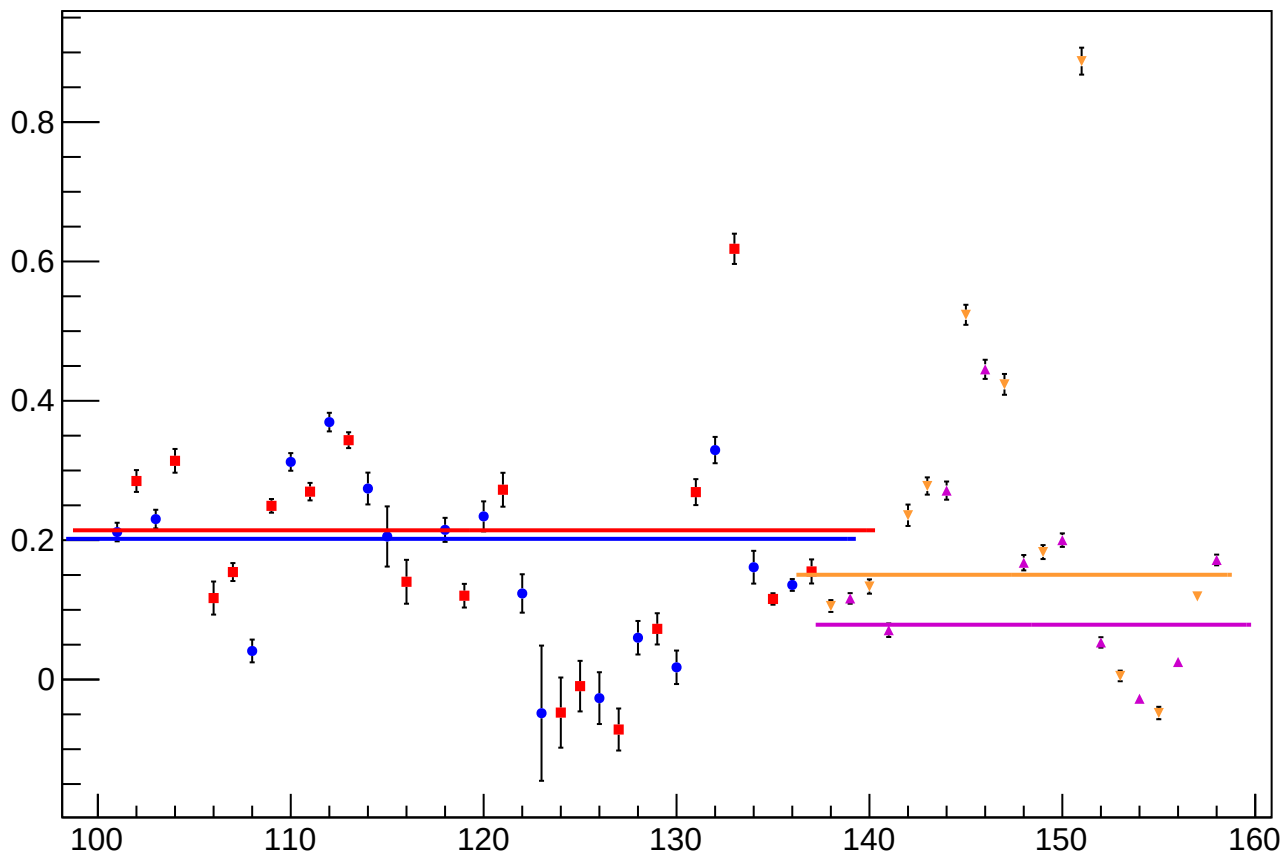
Right: -1.574 ± 0.048 χ^2/NDF : 2755.7/34

In: -1.865 ± 0.043 χ^2/NDF : 2877.0/26

Out: -1.777 ± 0.047 χ^2/NDF : 3291.9/28

All: -1.825 ± 0.032 χ^2/NDF : 6170.8/55

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.202 ± 0.004 $\chi^2/\text{NDF}: 604.6/16$

Left Out: 0.150 ± 0.003 $\chi^2/\text{NDF}: 3518.0/10$

Right Out: 0.214 ± 0.004 $\chi^2/\text{NDF}: 1001.6/17$

Left In: 0.079 ± 0.002 $\chi^2/\text{NDF}: 1933.1/9$

Left: 0.106 ± 0.002 $\chi^2/\text{NDF}: 5800.2/20$

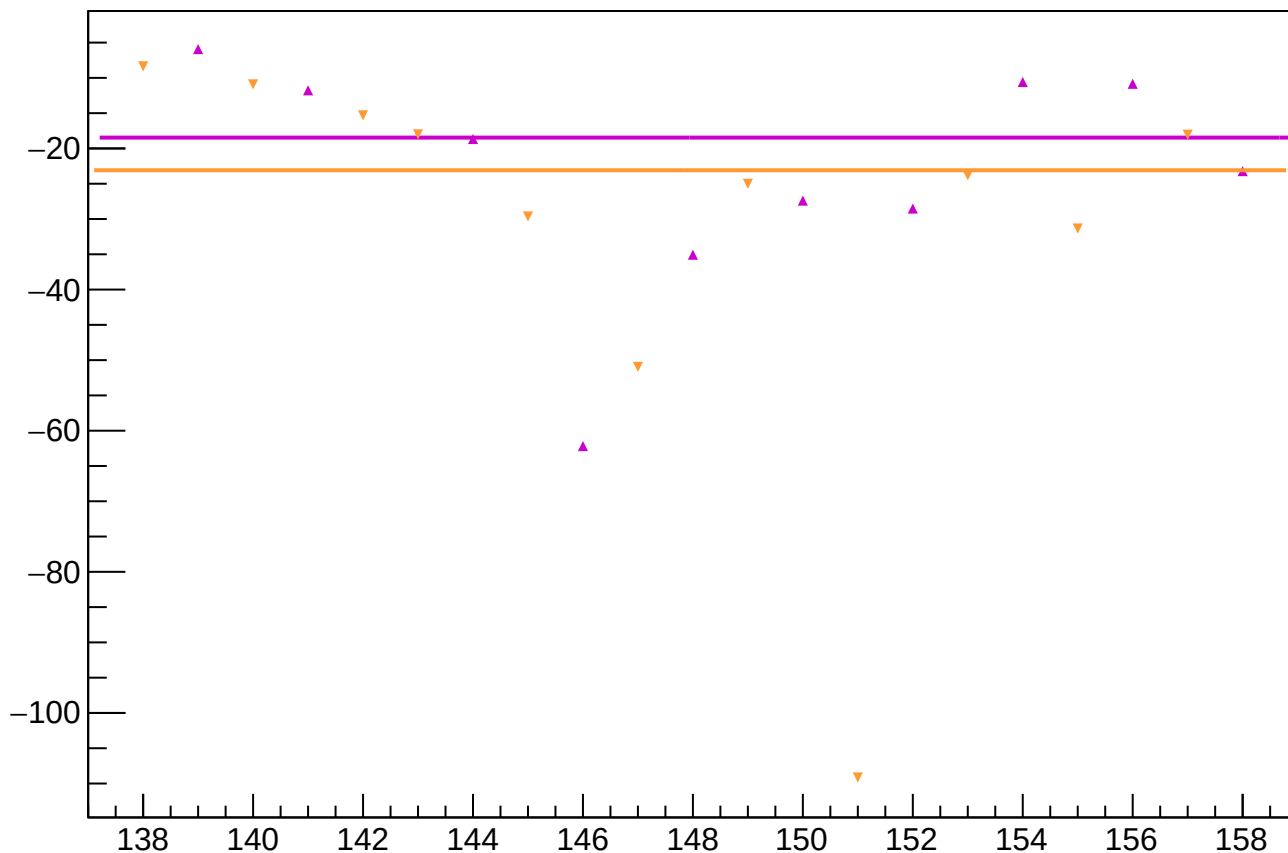
Right: 0.209 ± 0.003 $\chi^2/\text{NDF}: 1611.2/34$

In: 0.109 ± 0.002 $\chi^2/\text{NDF}: 3210.9/26$

Out: 0.176 ± 0.002 $\chi^2/\text{NDF}: 4698.7/28$

All: 0.138 ± 0.002 $\chi^2/\text{NDF}: 8369.3/55$

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: -23.092+/-0.080 χ^2/NDF : 50347.1/10

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: -20.388+/-0.052 χ^2/NDF : 88804.7/20

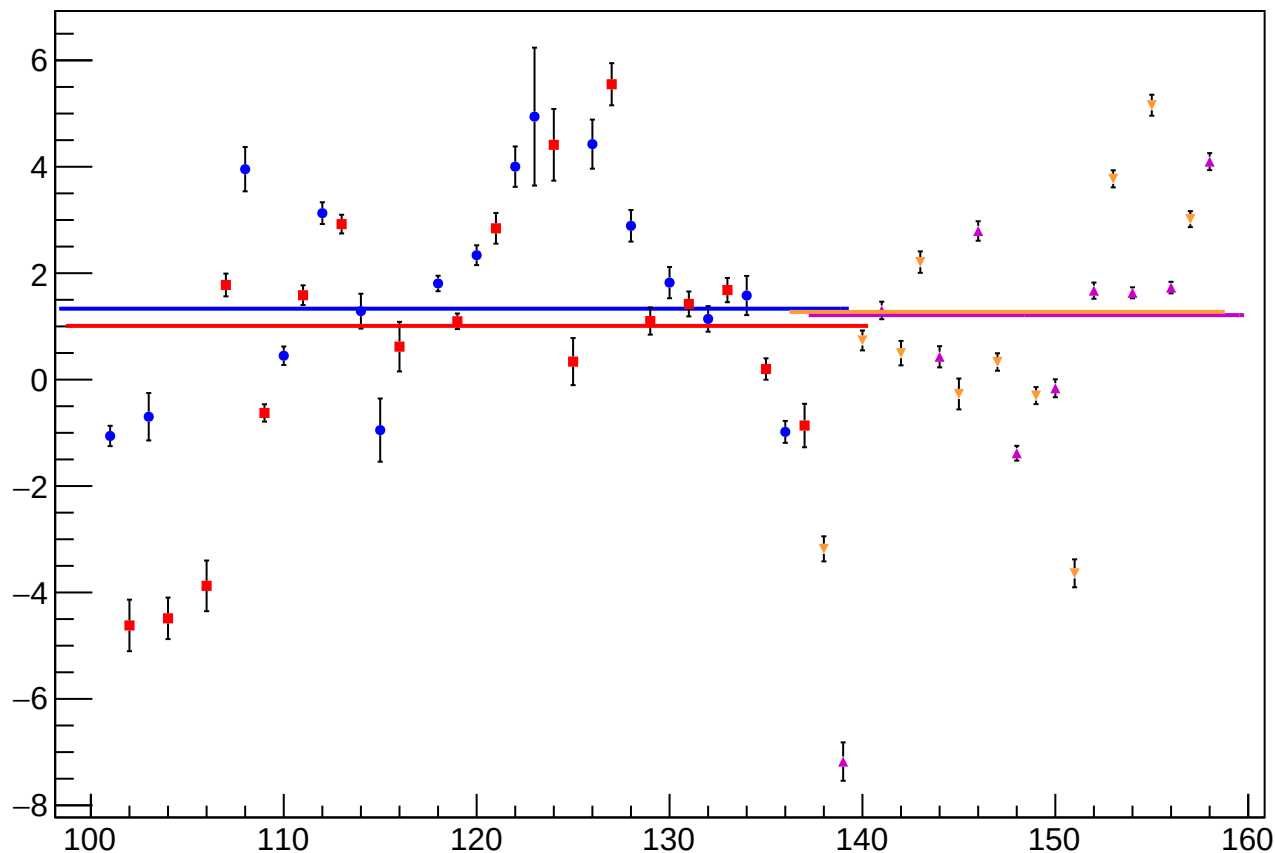
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -18.467+/-0.068 χ^2/NDF : 36525.5/9

Out: -23.092+/-0.080 χ^2/NDF : 50347.1/10

All: -20.388+/-0.052 χ^2/NDF : 88804.7/20

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.333 ± 0.061 χ^2/NDF : 634.6/16

Left Out: 1.273 ± 0.058 χ^2/NDF : 1671.3/10

Right Out: 1.010 ± 0.058 χ^2/NDF : 930.3/17

Left In: 1.213 ± 0.047 χ^2/NDF : 1418.1/9

Left: 1.237 ± 0.037 χ^2/NDF : 3090.0/20

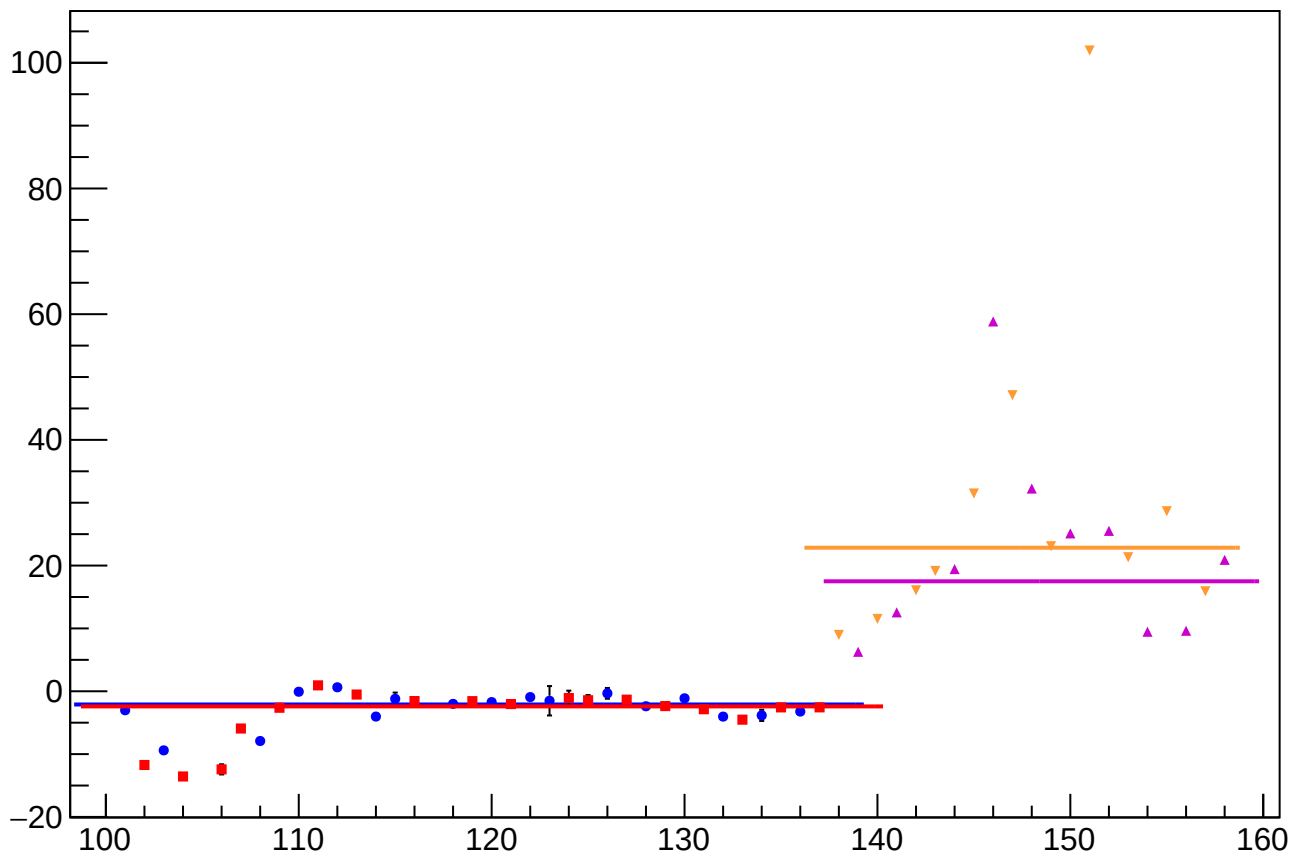
Right: 1.163 ± 0.042 χ^2/NDF : 1579.5/34

In: 1.258 ± 0.037 χ^2/NDF : 2055.0/26

Out: 1.142 ± 0.041 χ^2/NDF : 2611.9/28

All: 1.205 ± 0.028 χ^2/NDF : 4671.2/55

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.104 ± 0.111 $\chi^2/\text{NDF}: 440.3/16$

Left Out: 22.842 ± 0.079 $\chi^2/\text{NDF}: 45461.9/10$

Right Out: -2.410 ± 0.099 $\chi^2/\text{NDF}: 886.9/17$

Left In: 17.499 ± 0.065 $\chi^2/\text{NDF}: 34312.0/9$

Left: 19.652 ± 0.050 $\chi^2/\text{NDF}: 82471.9/20$

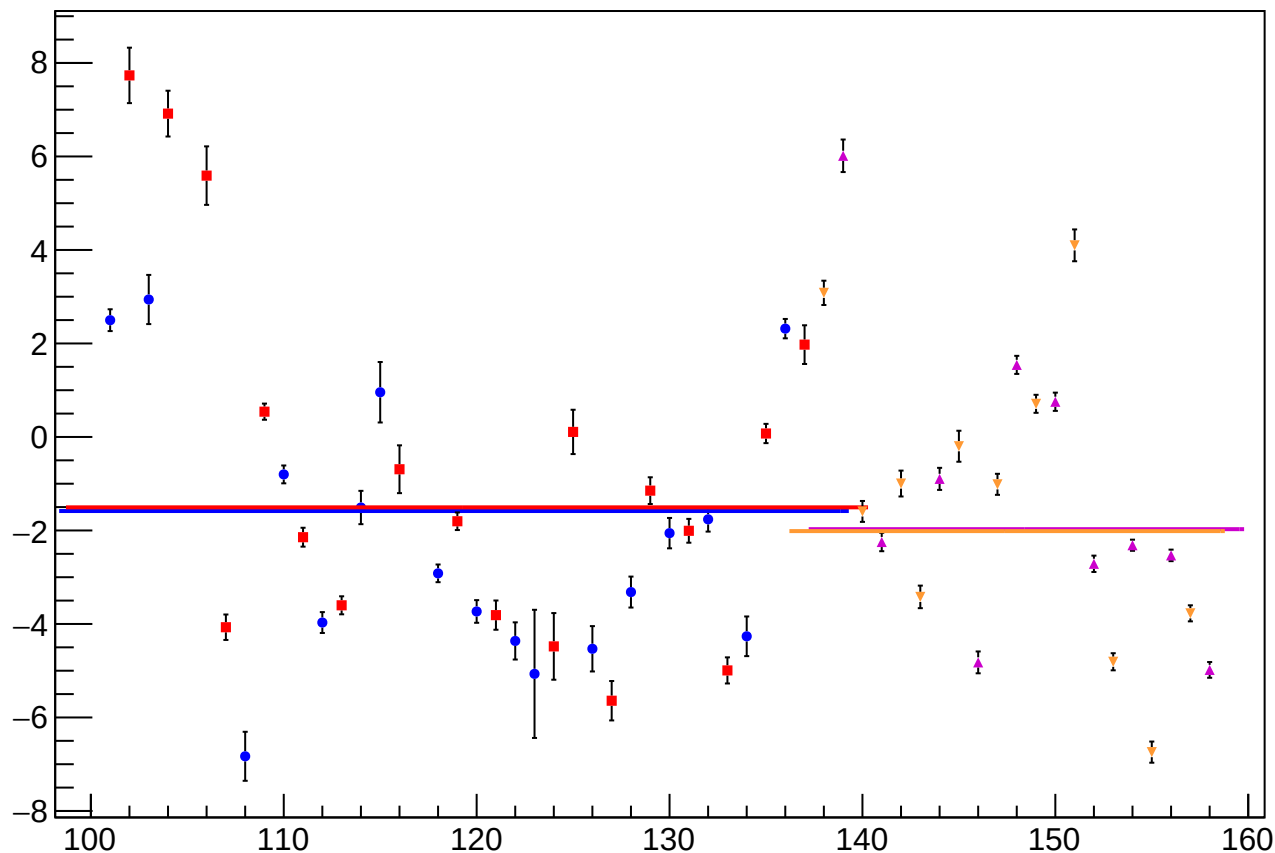
Right: -2.274 ± 0.074 $\chi^2/\text{NDF}: 1331.4/34$

In: 12.452 ± 0.056 $\chi^2/\text{NDF}: 57962.9/26$

Out: 12.972 ± 0.062 $\chi^2/\text{NDF}: 85796.2/28$

All: 12.687 ± 0.042 $\chi^2/\text{NDF}: 143797.7/55$

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: -2.014 ± 0.069 χ^2/NDF : 1781.7/10

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: -1.989 ± 0.043 χ^2/NDF : 3372.7/20

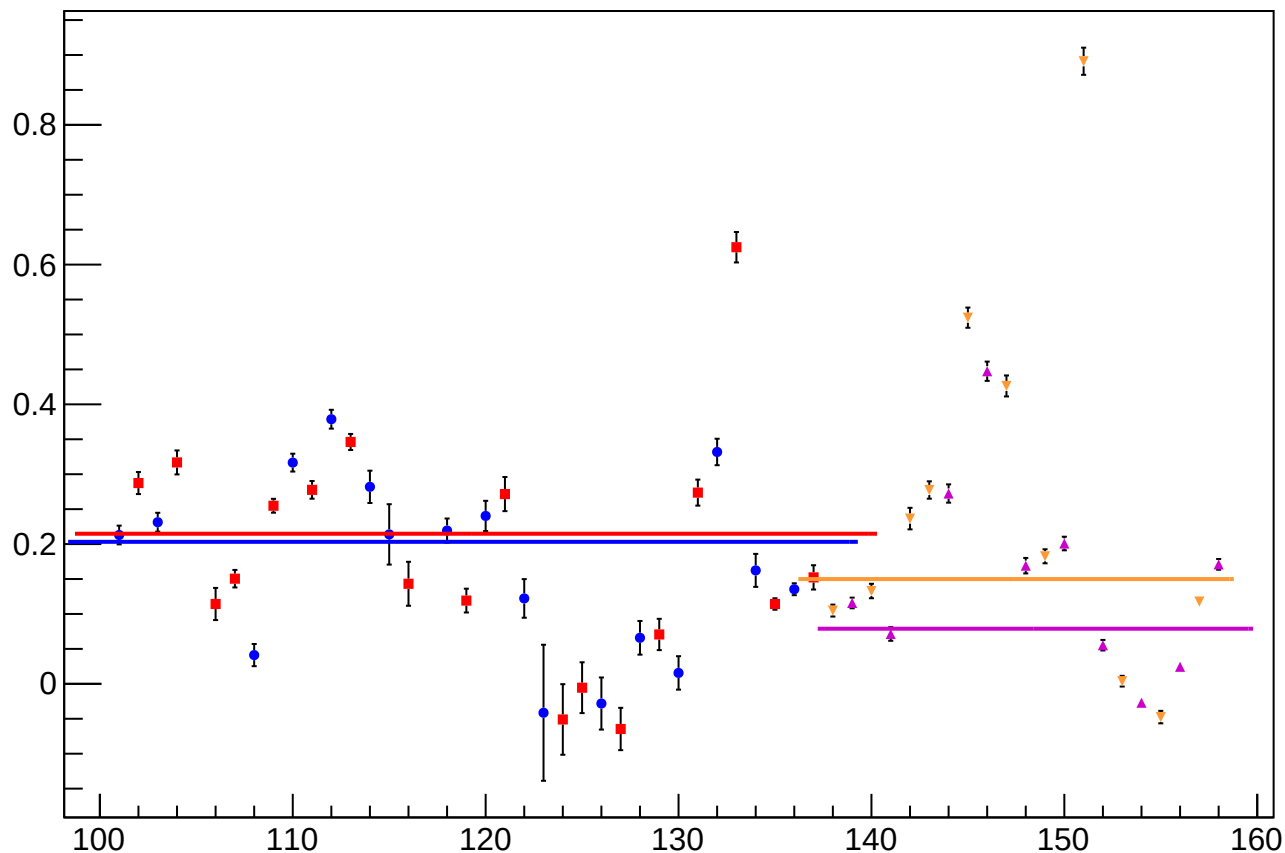
Right: -1.542 ± 0.048 χ^2/NDF : 2772.7/34

In: -1.824 ± 0.043 χ^2/NDF : 2881.7/26

Out: -1.748 ± 0.047 χ^2/NDF : 3310.2/28

All: -1.790 ± 0.032 χ^2/NDF : 6193.3/55

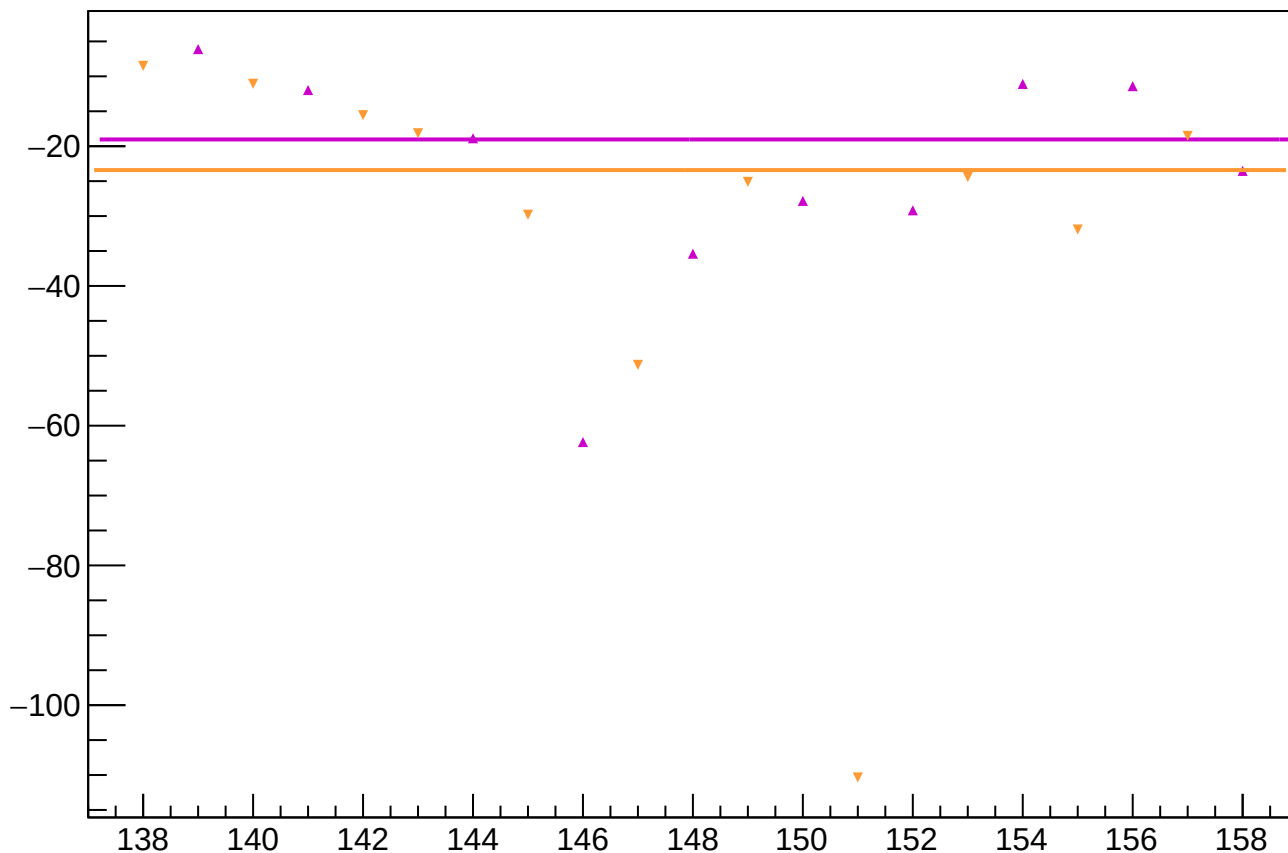
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.203 ± 0.004 $\chi^2/\text{NDF}: 632.8/16$
 Left Out: 0.150 ± 0.003 $\chi^2/\text{NDF}: 3512.9/10$
 Right Out: 0.215 ± 0.004 $\chi^2/\text{NDF}: 1033.0/17$
 Left In: 0.079 ± 0.002 $\chi^2/\text{NDF}: 1929.0/9$

Left: 0.106 ± 0.002 $\chi^2/\text{NDF}: 5782.1/20$
 Right: 0.210 ± 0.003 $\chi^2/\text{NDF}: 1670.1/34$
 In: 0.110 ± 0.002 $\chi^2/\text{NDF}: 3242.4/26$
 Out: 0.176 ± 0.002 $\chi^2/\text{NDF}: 4729.7/28$
 All: 0.139 ± 0.002 $\chi^2/\text{NDF}: 8423.3/55$

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: -23.417+/-0.082 χ^2/NDF :50200.3/10

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: -20.874+/-0.053 χ^2/NDF : 87358.2/20

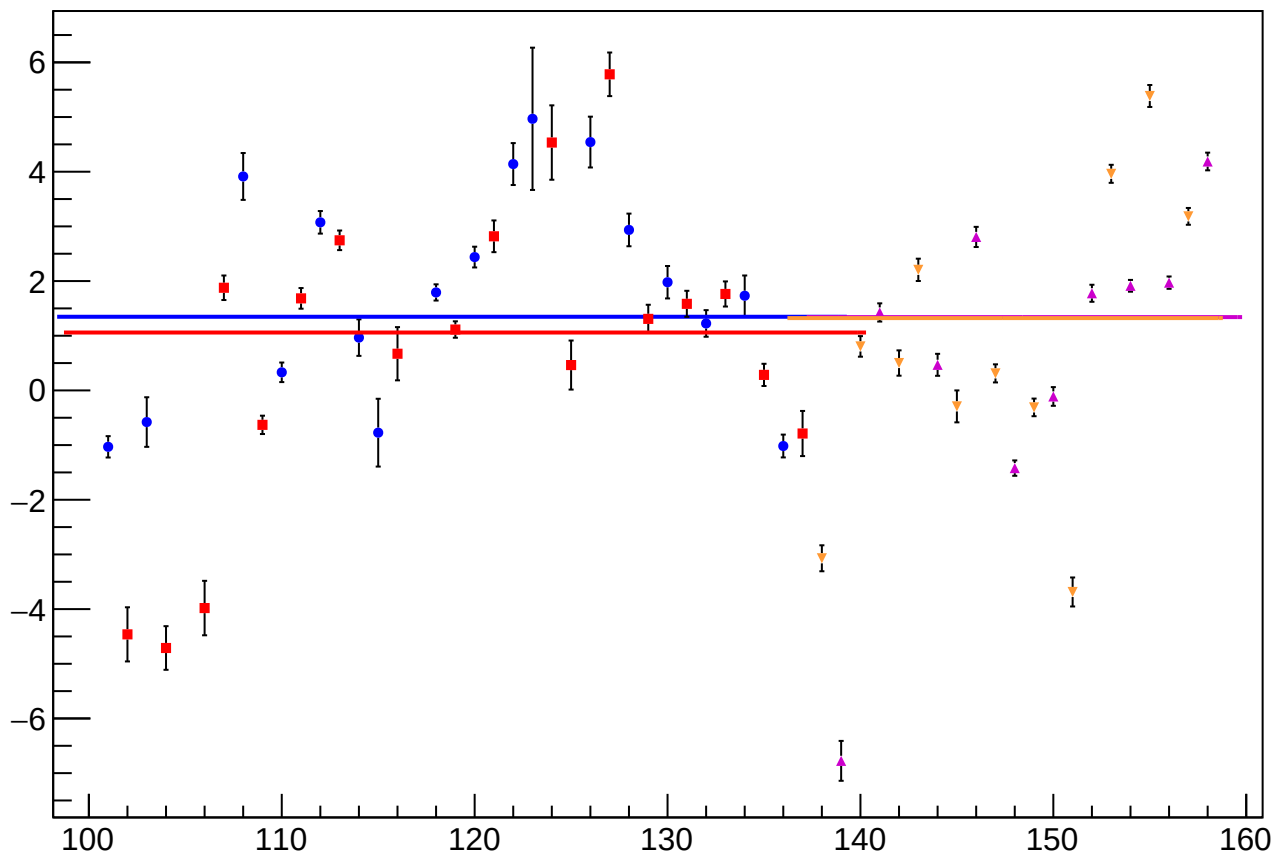
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.033+/-0.069 χ^2/NDF :35482.1/9

Out: -23.417+/-0.082 χ^2/NDF :50200.3/10

All: -20.874+/-0.053 χ^2/NDF : 87358.2/20

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.347 $\pm$ 0.062 χ^2 /NDF: 630.1/16

Left Out: 1.323 $\pm$ 0.058 χ^2 /NDF:1719.9/10

Right Out: 1.059 $\pm$ 0.059 χ^2 /NDF: 905.3/17

Left In: 1.341 $\pm$ 0.048 χ^2 /NDF:1411.0/9

Left: 1.333 $\pm$ 0.037 χ^2 /NDF: 3130.9/20

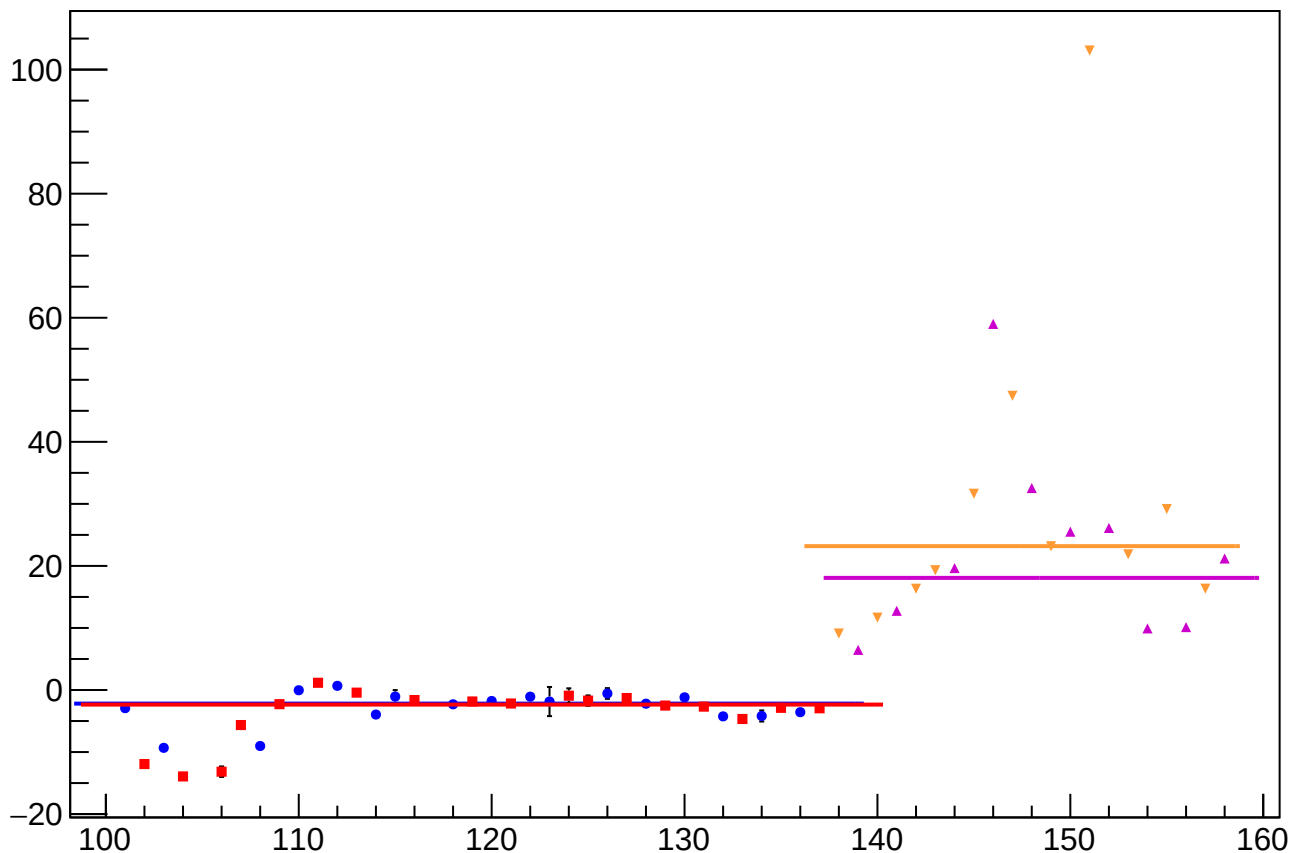
Right: 1.196 $\pm$ 0.043 χ^2 /NDF: 1546.6/34

In: 1.343 $\pm$ 0.038 χ^2 /NDF:2041.1/26

Out: 1.193 $\pm$ 0.042 χ^2 /NDF:2635.2/28

All: 1.274 $\pm$ 0.028 χ^2 /NDF: 4683.4/55

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.194 ± 0.113 $\chi^2/\text{NDF}: 463.5/16$

Left Out: 23.189 ± 0.081 $\chi^2/\text{NDF}: 45240.4/10$

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: 20.158 ± 0.051 $\chi^2/\text{NDF}: 80799.4/20$

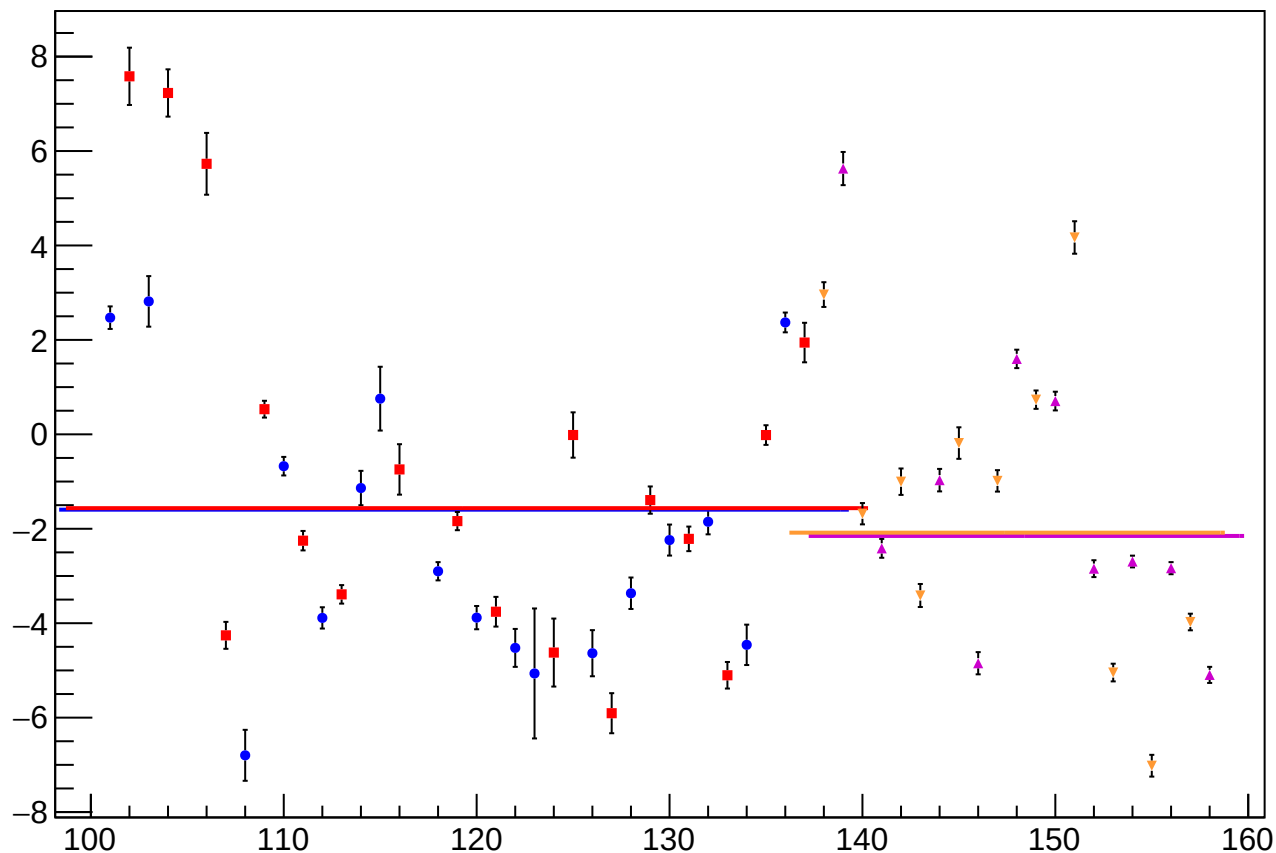
Right: -2.280 ± 0.075 $\chi^2/\text{NDF}: 1373.0/34$

In: 12.805 ± 0.058 $\chi^2/\text{NDF}: 57506.0/26$

Out: 13.287 ± 0.063 $\chi^2/\text{NDF}: 85036.1/28$

All: 13.024 ± 0.043 $\chi^2/\text{NDF}: 142574.0/55$

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: -2.082 ± 0.070 χ^2/NDF : 1837.4/10

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: -2.124 ± 0.044 χ^2/NDF : 3422.6/20

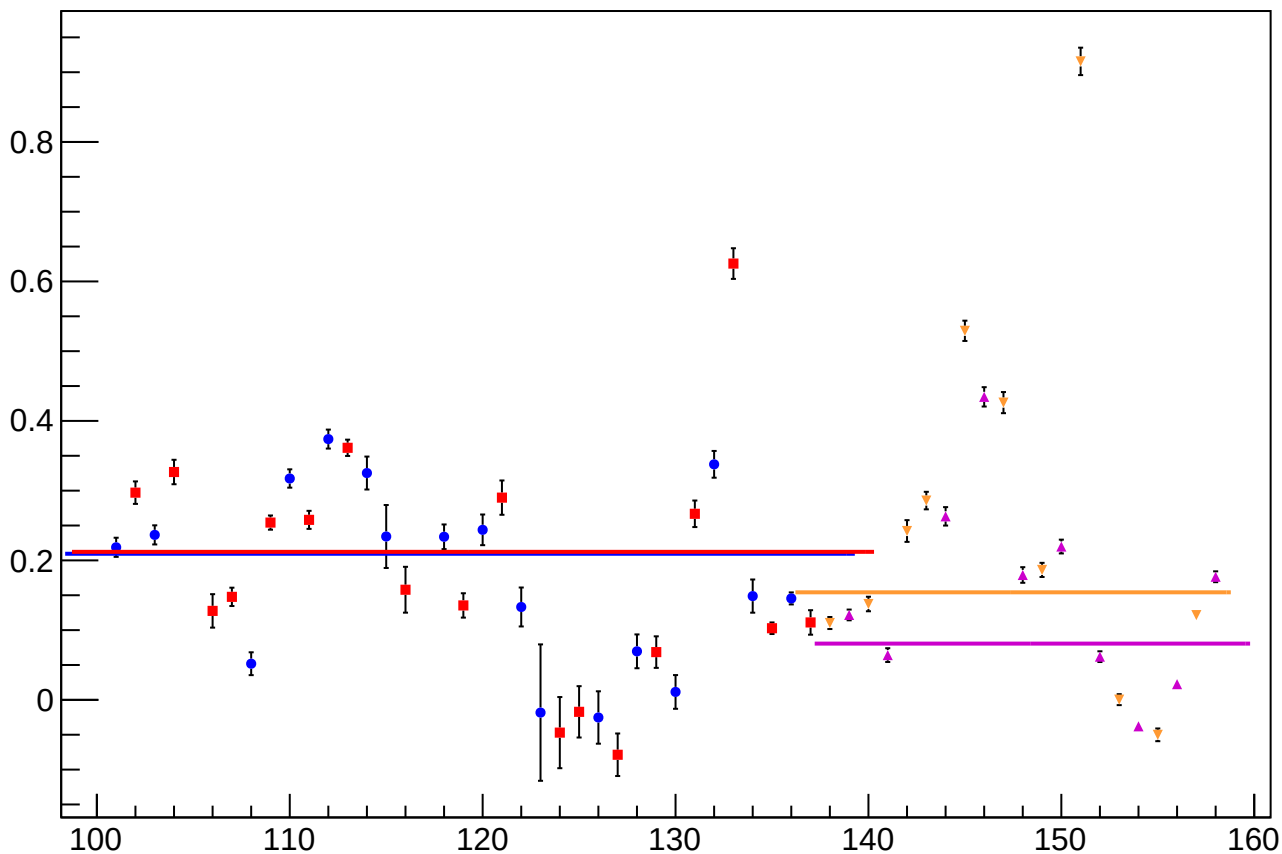
Right: -1.578 ± 0.049 χ^2/NDF : 2717.4/34

In: -1.938 ± 0.044 χ^2/NDF : 2877.1/26

Out: -1.813 ± 0.048 χ^2/NDF : 3328.1/28

All: -1.881 ± 0.033 χ^2/NDF : 6208.9/55

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.210 $\pm$ 0.004 χ^2 /NDF: 597.7/16

Left Out: 0.154 $\pm$ 0.003 χ^2 /NDF:3575.3/10

Right Out: 0.212 $\pm$ 0.004 χ^2 /NDF: 1096.9/17

Left In: 0.081 $\pm$ 0.002 χ^2 /NDF:1978.6/9

Left: 0.109 $\pm$ 0.002 χ^2 /NDF: 5904.1/20

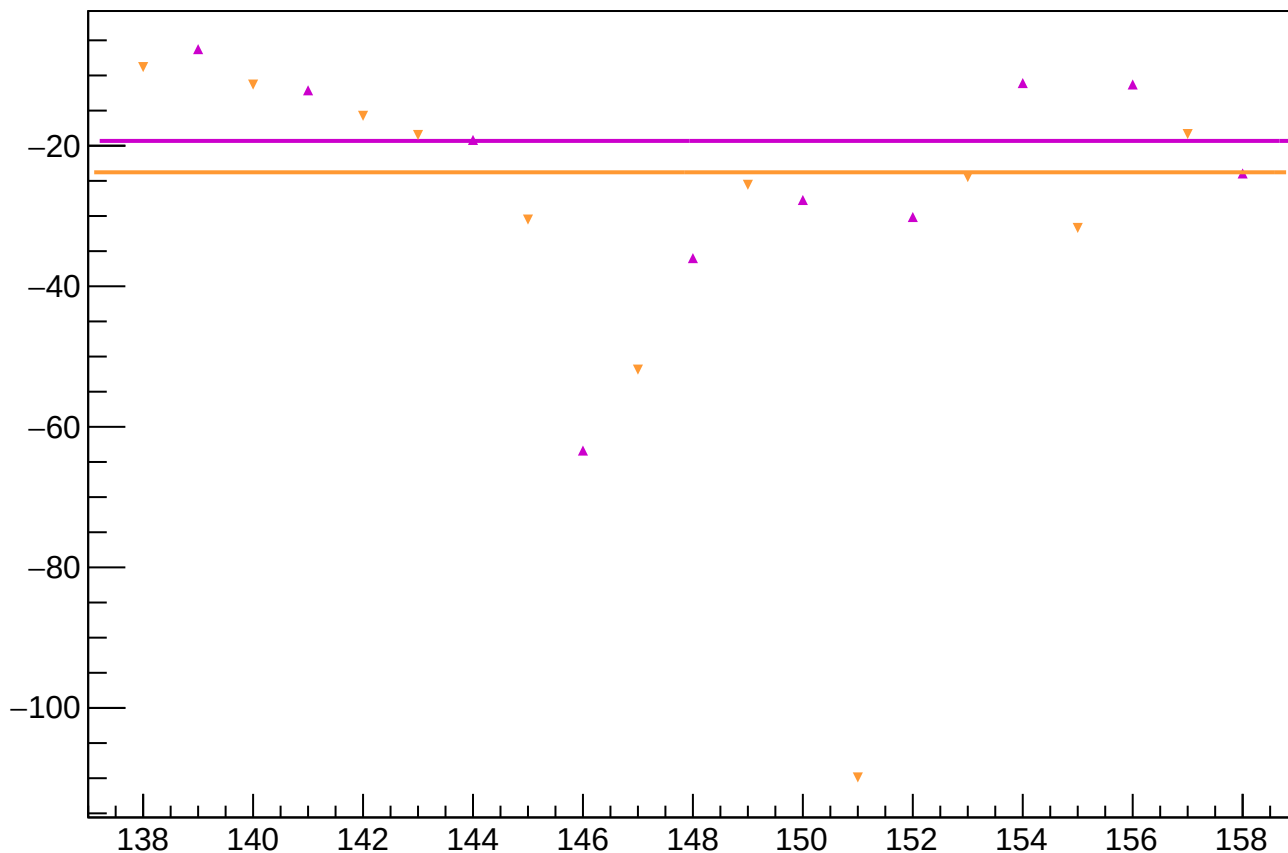
Right: 0.211 $\pm$ 0.003 χ^2 /NDF: 1694.9/34

In: 0.113 $\pm$ 0.002 χ^2 /NDF:3278.8/26

Out: 0.177 $\pm$ 0.002 χ^2 /NDF:4814.1/28

All: 0.141 $\pm$ 0.002 χ^2 /NDF: 8501.2/55

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: -23.779+/-0.083 χ^2/NDF :49495.6/10

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: -21.198+/-0.054 χ^2/NDF : 86946.8/20

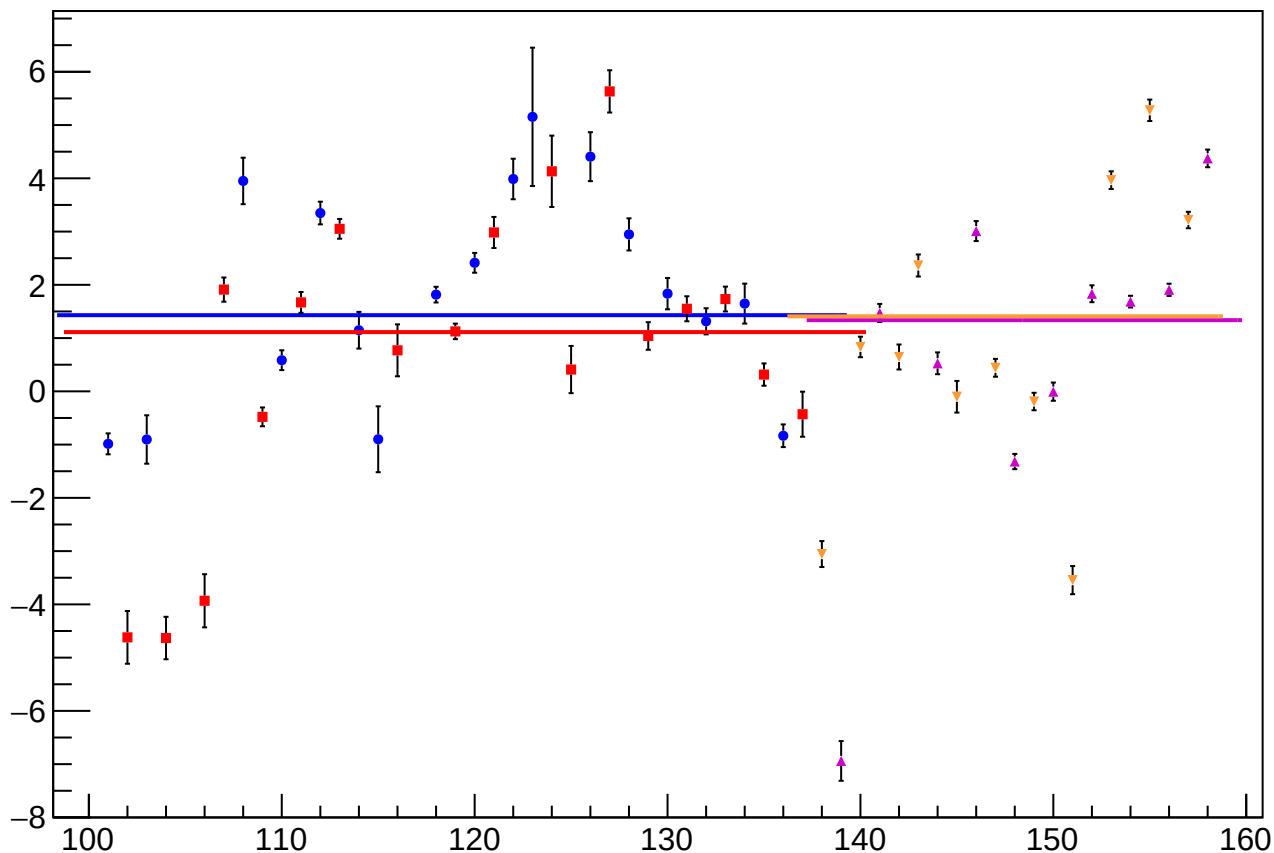
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: -19.313+/-0.071 χ^2/NDF :35765.2/9

Out: -23.779+/-0.083 χ^2/NDF :49495.6/10

All: -21.198+/-0.054 χ^2/NDF : 86946.8/20

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: 1.408 ± 0.059 $\chi^2/\text{NDF}: 1626.0/10$

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: 1.366 ± 0.038 $\chi^2/\text{NDF}: 3001.0/20$

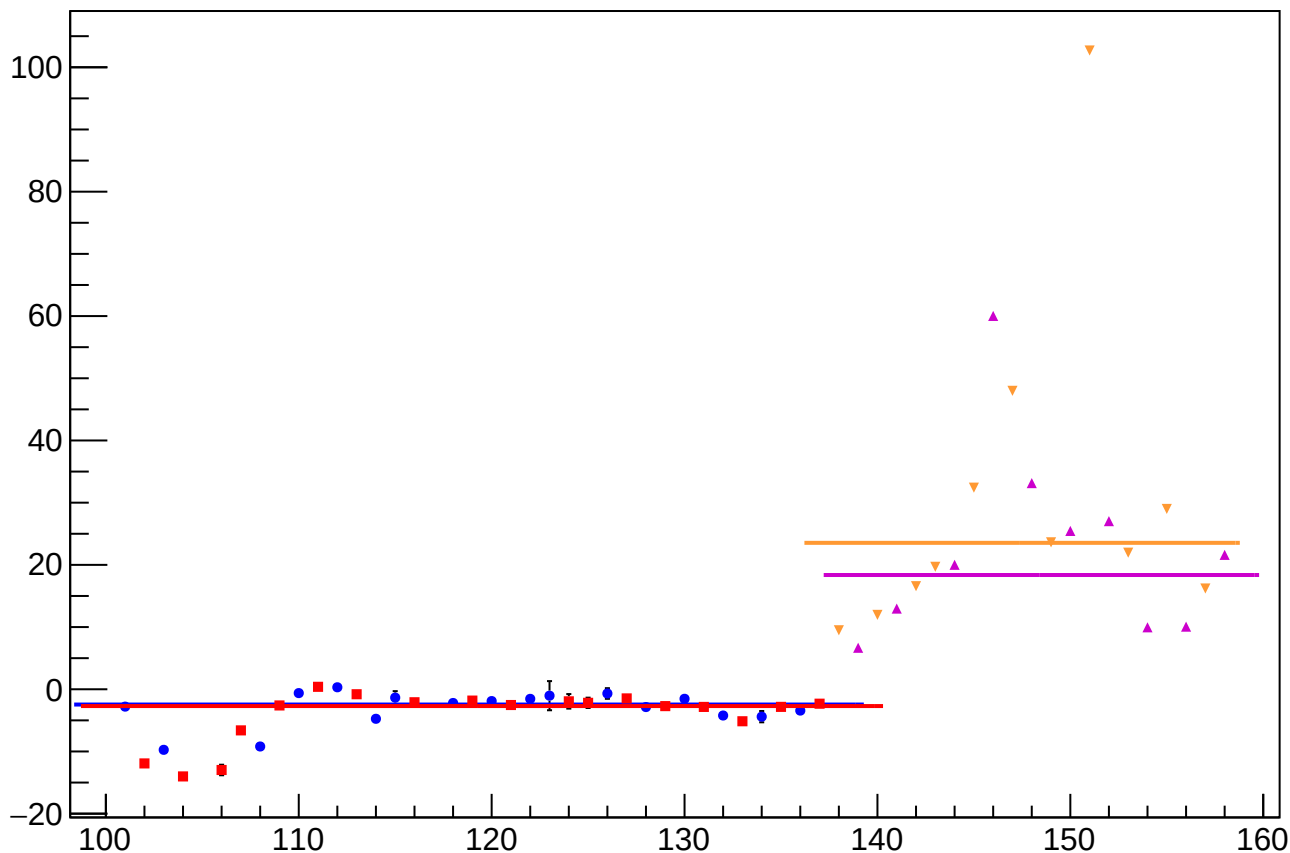
Right: 1.264 ± 0.043 $\chi^2/\text{NDF}: 1499.0/34$

In: 1.372 ± 0.039 $\chi^2/\text{NDF}: 1973.5/26$

Out: 1.263 ± 0.042 $\chi^2/\text{NDF}: 2526.0/28$

All: 1.322 ± 0.029 $\chi^2/\text{NDF}: 4503.2/55$

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: 23.543 ± 0.082 χ^2/NDF : 44710.7/10

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: 20.490 ± 0.052 χ^2/NDF : 80546.0/20

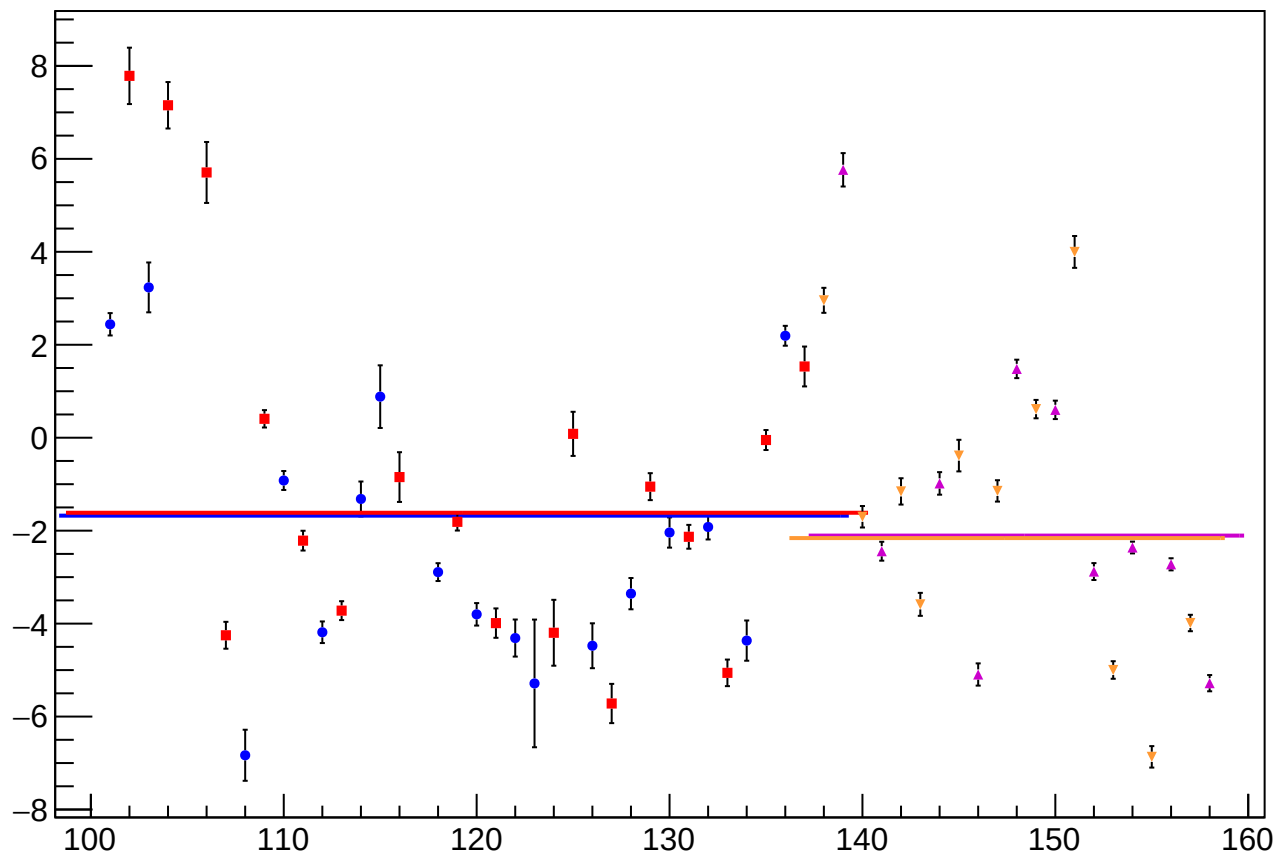
Right: -2.590 ± 0.077 χ^2/NDF : 1251.4/34

In: 12.934 ± 0.059 χ^2/NDF : 58310.8/26

Out: 13.479 ± 0.064 χ^2/NDF : 85125.4/28

All: 13.182 ± 0.043 χ^2/NDF : 143475.4/55

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.677 ± 0.072 $\chi^2/\text{NDF}: 1204.7/16$

Left Out: -2.160 ± 0.070 $\chi^2/\text{NDF}: 1725.9/10$

Right Out: -1.615 ± 0.068 $\chi^2/\text{NDF}: 1427.3/17$

Left In: -2.106 ± 0.058 $\chi^2/\text{NDF}: 1547.8/9$

Left: -2.128 ± 0.045 $\chi^2/\text{NDF}: 3274.1/20$

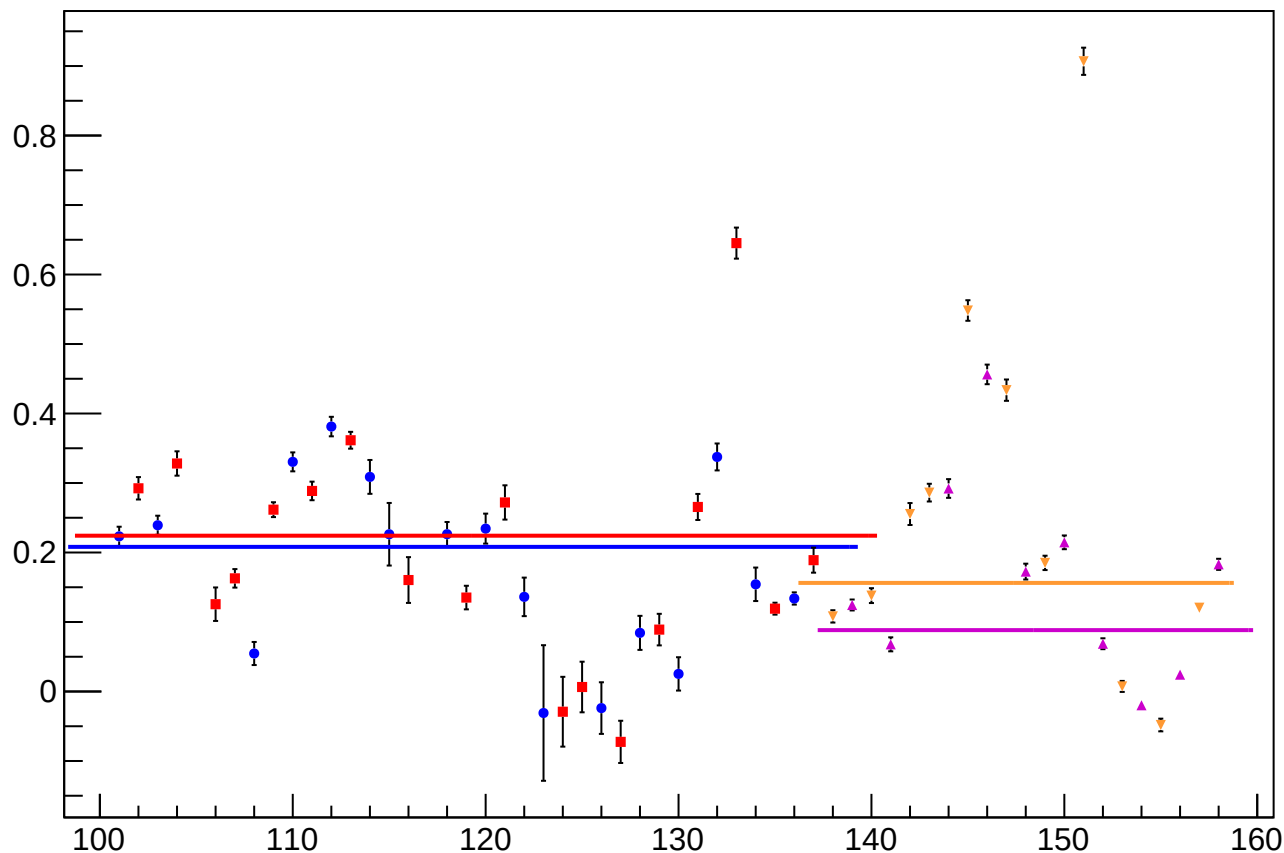
Right: -1.644 ± 0.050 $\chi^2/\text{NDF}: 2632.5/34$

In: -1.940 ± 0.045 $\chi^2/\text{NDF}: 2774.1/26$

Out: -1.878 ± 0.049 $\chi^2/\text{NDF}: 3184.3/28$

All: -1.911 ± 0.033 $\chi^2/\text{NDF}: 5959.2/55$

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.208 ± 0.004 χ^2/NDF : 600.2/16

Left Out: 0.156 ± 0.003 χ^2/NDF : 3564.8/10

Right Out: 0.224 ± 0.004 χ^2/NDF : 995.8/17

Left In: 0.088 ± 0.002 χ^2/NDF : 1889.3/9

Left: 0.115 ± 0.002 χ^2/NDF : 5744.5/20

Right: 0.217 ± 0.003 χ^2/NDF : 1603.8/34

In: 0.119 ± 0.002 χ^2/NDF : 3079.2/26

Out: 0.183 ± 0.002 χ^2/NDF : 4748.4/28

All: 0.147 ± 0.002 χ^2/NDF : 8224.5/55